

AOO H 2106 -09, AOO 2107-097

These two names refer probably to the same object, named H 2106-099 in Véron-Cetty and Véron. It appears under different names in SIMBAD. We grouped the spectra of these objects in a single analysis.

QSO 2223-052, QSO 2223-051

The same object, better known as 3C 446, appears under the ULDA names QSO 2223-052 and QSO 2223-051. We put them together under the first name for the entire analysis.

References

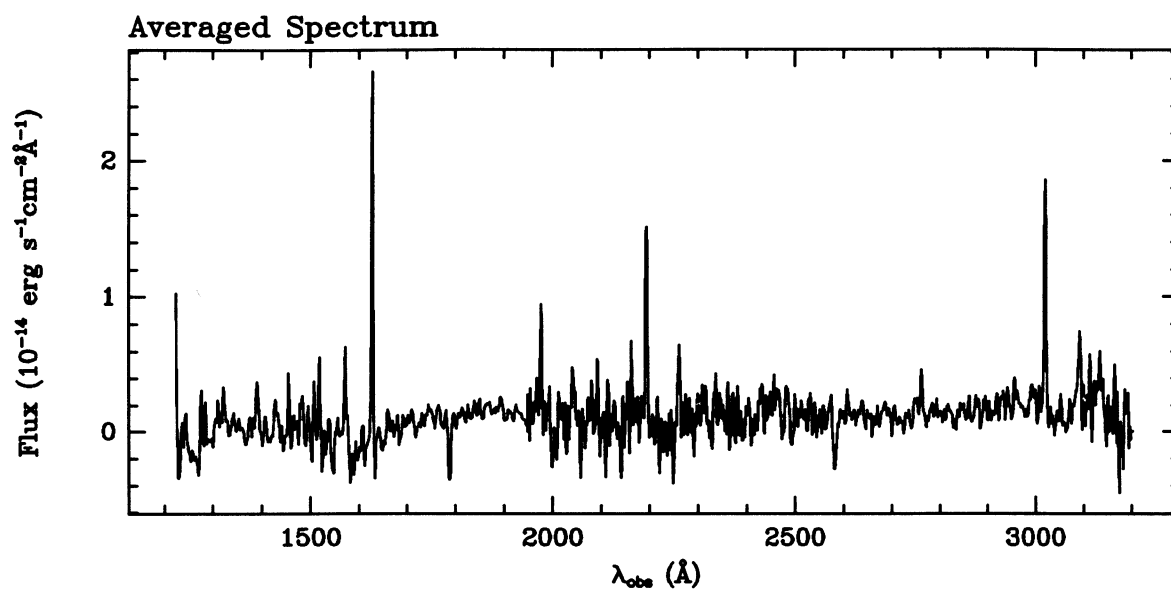
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Acknowledgements

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PG 0002+051

Right Ascension	:	0h 02m 46.30s
Declination	:	5° 07' 30.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.890
Alternative Names	:	UM 18, PHL 650

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 6218 L	44201.0	23 Nov 79	24300.0					306	
2	SWP 7492 L	44234.0	26 Dec 79	43200.0			0.08	0.38	3x9	

X-Ray Spectra

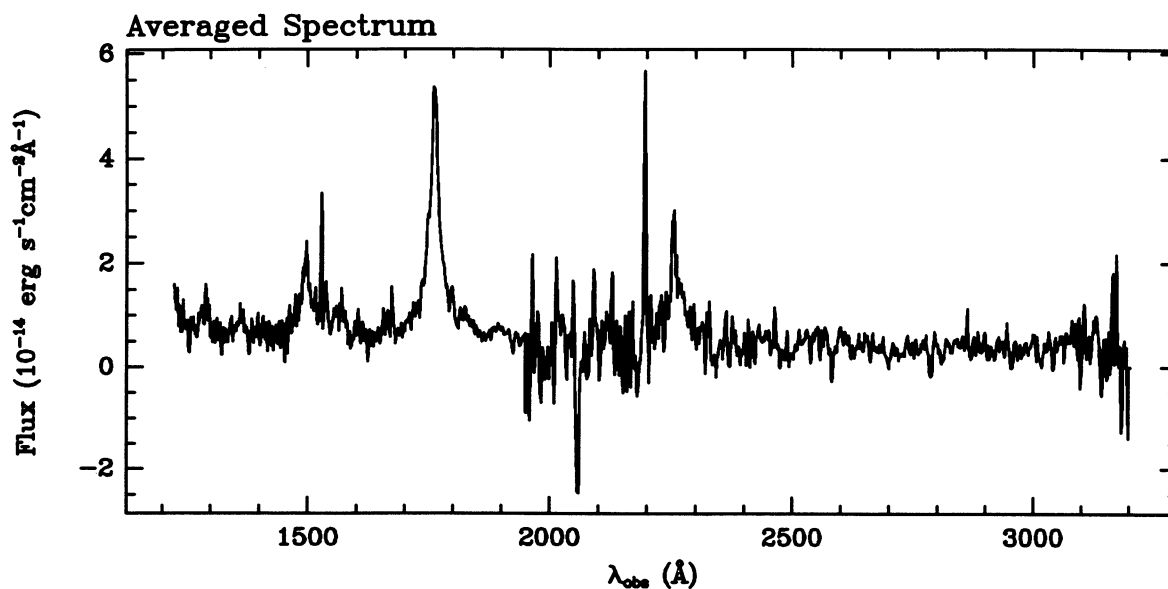
EINSTEIN • 1135

References

• 277 • 283 • 312 • 613 • 621 • 687 • 701 • 729
 • 776 • 804 • 832 • 842

QSO 0003+157

Right Ascension	:	0h 03m 25.01s
Declination	:	15° 53' 06.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.450
Alternative Names	:	PHL 658, 4C 15.01
	:	PKS 0003+157, OB 106

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1812 Å	3000 Å	CEB	Flag
1	SWP	18342	L	45263.0	20 Oct 82	14400.0			1.06		344	
2	LWR	14452	L	45264.0	21 Oct 82	8100.0				0.36	335	

X-Ray Spectra

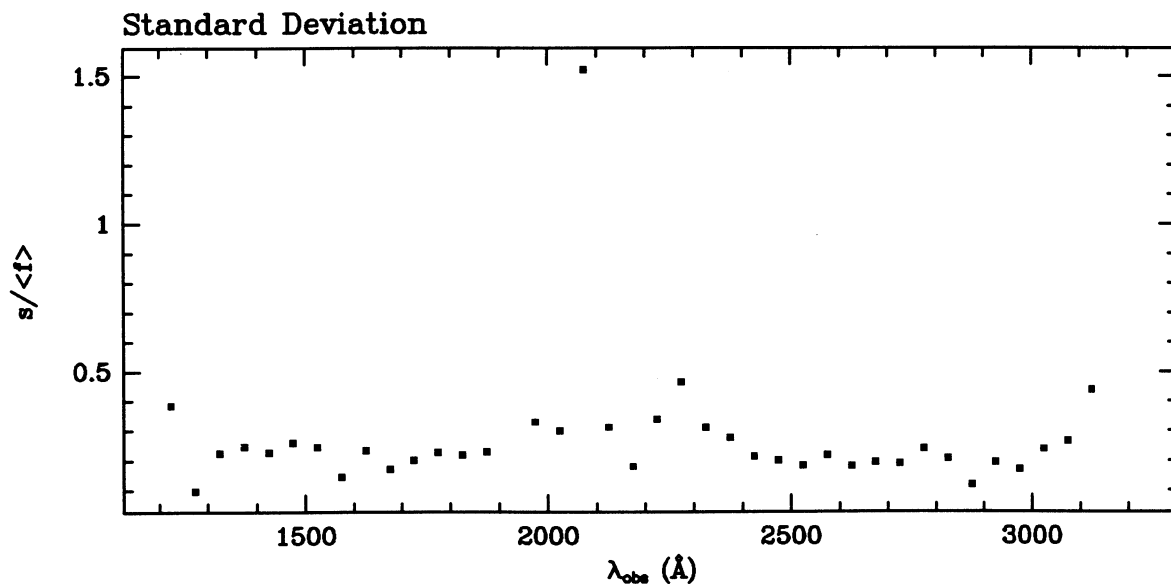
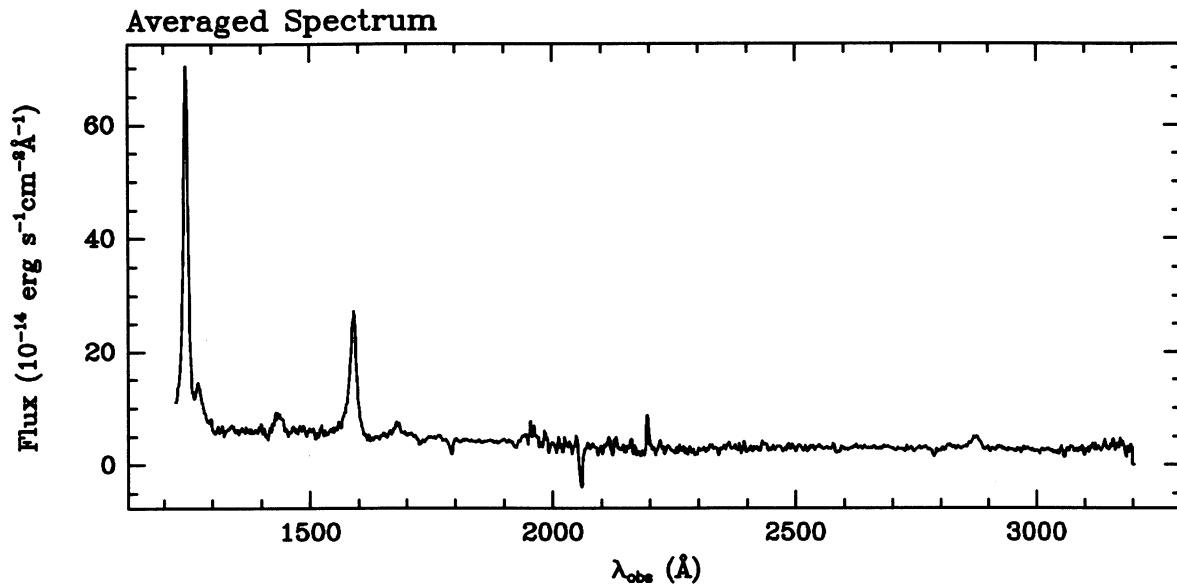
EINSTEIN	• 89	• 310	• 634	• 645
	• 647	• 960	• 1179	• 1180
	• 1181	• 1182		

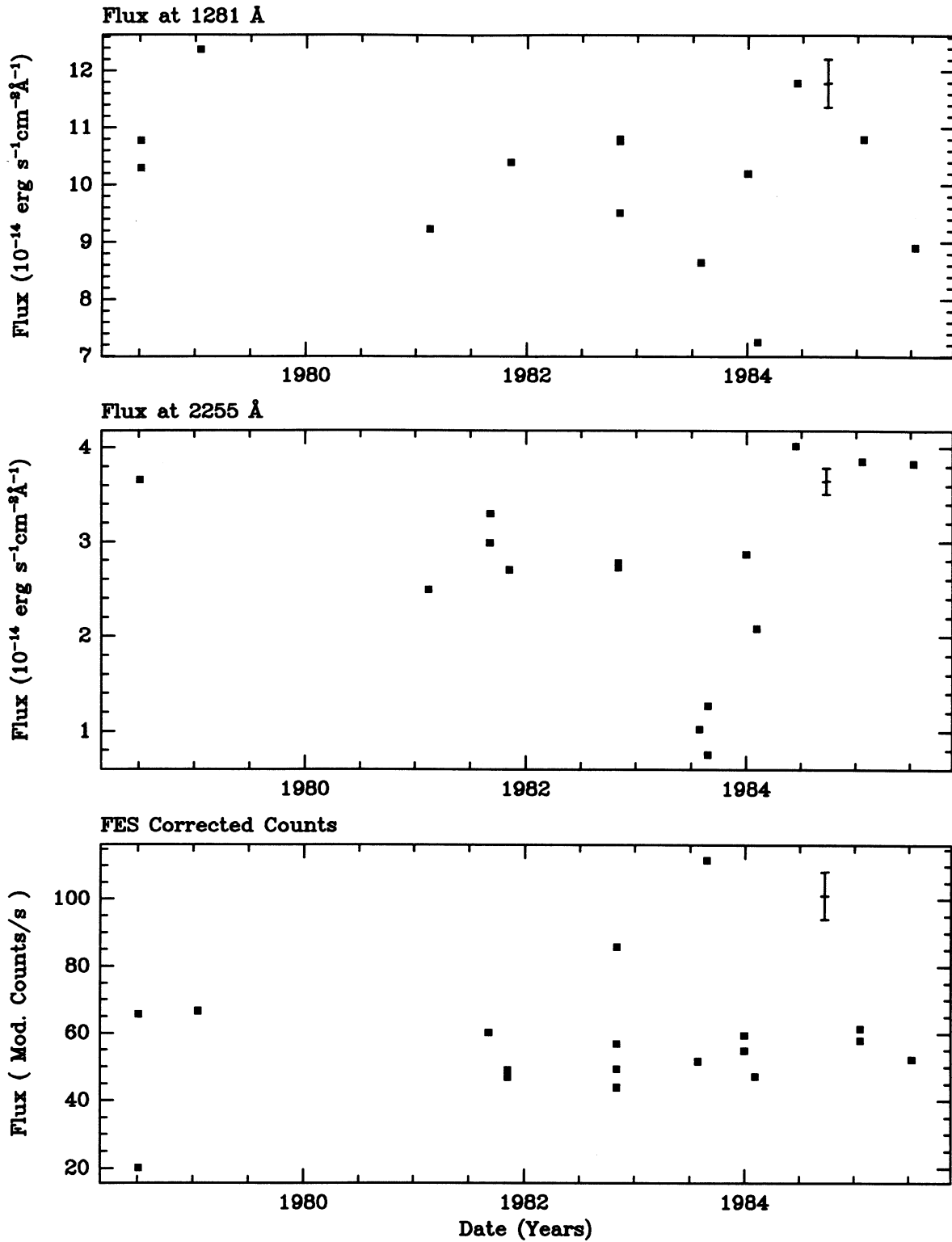
References

• 85	• 302	• 315	• 423	• 504	• 590	• 598	• 603
• 621	• 701	• 729	• 730	• 745	• 776	• 801	• 804
• 832	• 842						

MRK 335

Right Ascension	:	0h 03m 45.10s
Declination	:	19° 55' 27.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	PG 0003+199, H 0003+20.0
	:	IRAS 00037+1955, QSO 0003+199





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1782	L	43695.0	5 Jul 78	2700.0				3.66		
2	SWP	1918	L	43695.0	5 Jul 78	1800.0	20	20.23	10.29			
3	SWP	1919	L	43695.0	5 Jul 78	2700.0	65	65.74	10.78			
4	SWP	3938	L	43892.0	18 Jan 79	3000.0	66	66.69	12.38			
5	SWP	11310	L	44650.0	14 Feb 81	7200.0			9.23			336
6	LWR	9917	L	44651.0	15 Feb 81	8460.0				2.49		345
7	LWR	11470	L	44852.0	4 Sep 81	7200.0				2.99		5x3
8	LWR	11479	L	44854.0	6 Sep 81	3600.0	58	60.35		3.30		444
9	LWR	11947	L	44917.0	8 Nov 81	9000.0	47	49.09		2.70		453
10	SWP	15456	L	44917.0	8 Nov 81	10800.0	45	47.01	10.40			3x3
11	LWR	14554	L	45277.0	3 Nov 82	8400.0	53	56.92		2.73		664
12	LWR	14555	L	45277.0	3 Nov 82	6000.0	41	44.03		2.78		554
13	SWP	18462	L	45277.0	3 Nov 82	2700.0	53	56.92	10.77			351
14	SWP	18463	L	45277.0	3 Nov 82	2400.0	80	85.91	9.51			351
15	SWP	18464	L	45277.0	3 Nov 82	1800.0	46	49.40	10.81			351
16	LWR	16482	L	45546.0	30 Jul 83	4500.0	47	51.84		1.03		448
17	SWP	20544	L	45546.0	30 Jul 83	4500.0	47	51.84	8.65			3x7
18	LWR	16680	L	45574.0	27 Aug 83	1320.0	101	111.75		1.28		x09
19	LWR	16681	L	45574.0	27 Aug 83	1500.0				0.76		309
20	LWP	2532	L	45700.0	31 Dec 83	3300.0	49	55.02		2.87		349 D
21	SWP	21922	L	45700.0	31 Dec 83	3000.0	53	59.51	10.20			3x7
22	LWR	17238	L	45735.0	4 Feb 84	3000.0				2.08		331
23	SWP	22205	L	45735.0	4 Feb 84	3000.0	42	47.36	7.25			351
24	LWP	3562	L	45864.0	12 Jun 84	3600.0				4.02		x09 D
25	SWP	23250	L	45864.0	12 Jun 84	3600.0			11.80			xx9
26	LWP	5247	L	46088.0	22 Jan 85	4500.0	52	61.60		3.86		5x6 D
27	SWP	24944	L	46088.0	22 Jan 85	4500.0	49	58.05	10.81			342
28	LWP	6386	L	46260.0	13 Jul 85	2100.0	43	52.40		3.83		304 D
29	SWP	26417	L	46262.0	15 Jul 85	5040.0	43	52.42	8.91			356

X-Ray Spectra

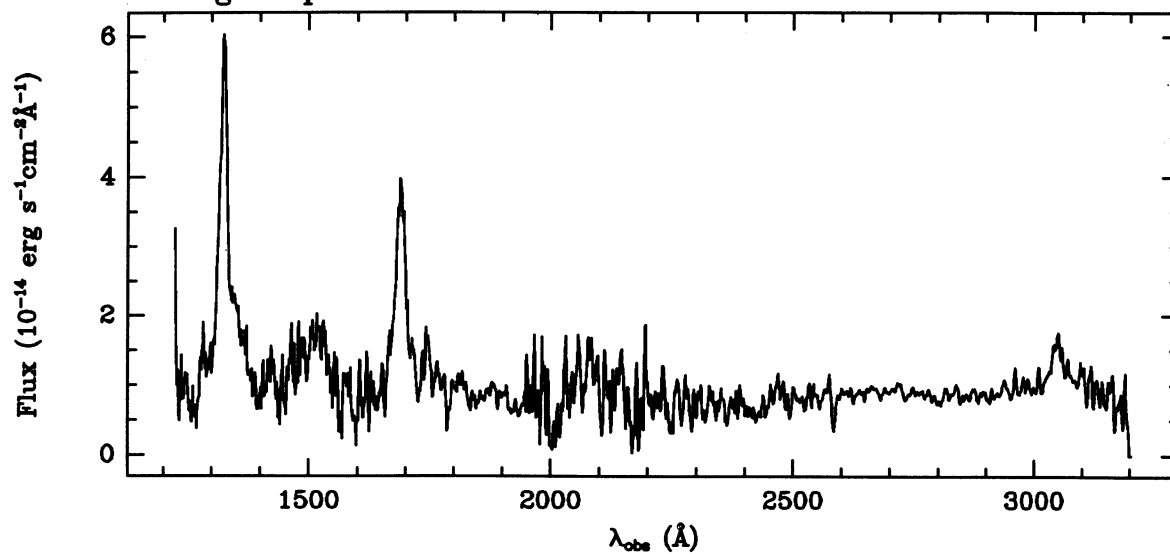
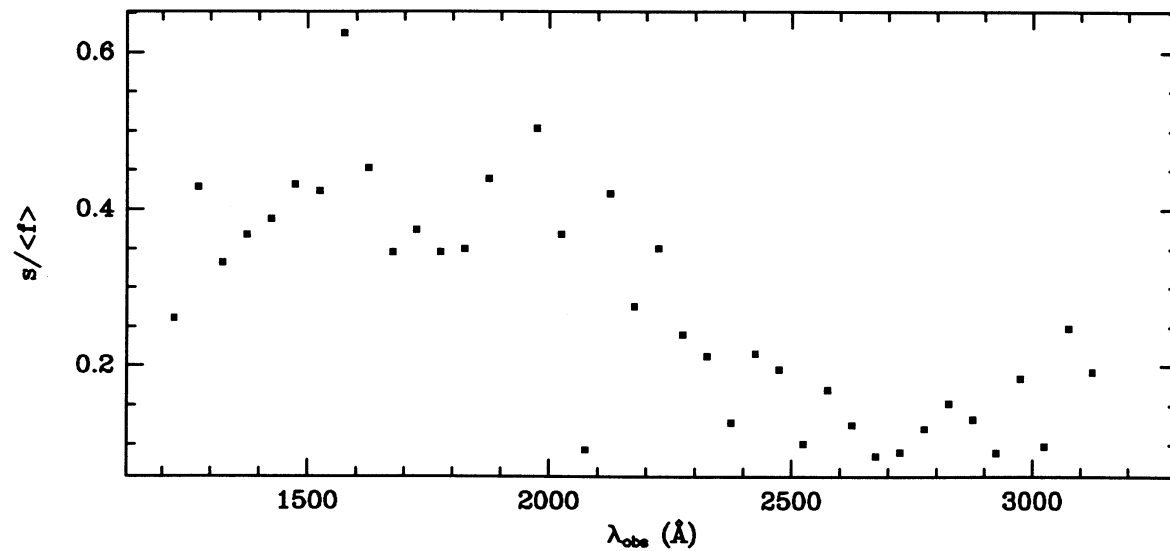
EINSTEIN	• 650	• 1178		
EXOSAT	• 292	• 930	• 1265	• 1709
	• 1715	• 1933	• 1976	

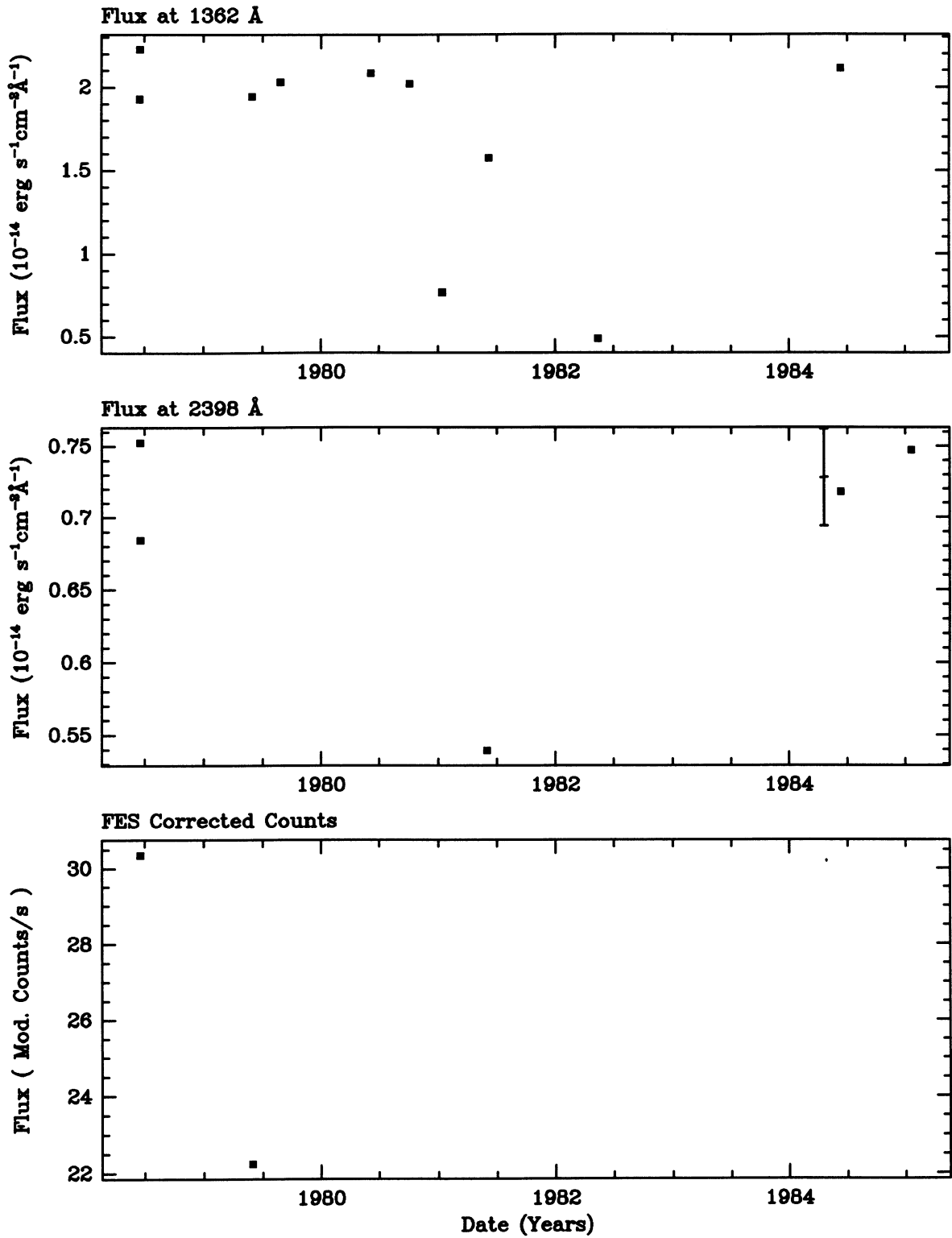
References

• 5	• 8	• 51	• 57	• 67	• 80	• 85	• 135
• 139	• 145	• 146	• 151	• 158	• 163	• 179	• 192
• 261	• 284	• 300	• 320	• 359	• 394	• 400	• 464
• 521	• 555	• 557	• 580	• 593	• 611	• 629	• 631
• 642	• 662	• 669	• 686	• 717	• 720	• 746	• 804
• 816	• 826	• 830	• 860	• 898			

QSO 0007+106

Right Ascension	: 0h 07m 56.74s
Declination	: 10° 41' 47.8"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.090
Alternative Names	: ZW III 2, PKS 0007+10, 1E 0007.9+1041
	: PG 0007+106, MRK 1501, IRAS 0007+106

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1362 Å	2398 Å	CEB	Flag
							<i>cts/s</i>		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	1802	L	43677.0	17 Jun 78	1800.0			1.93			
2	LWR	1686	L	43678.0	18 Jun 78	1200.0	30	30.35		0.75		
3	LWR	1687	L	43678.0	18 Jun 78	6900.0	30	30.35		0.68		
4	SWP	1806	L	43678.0	18 Jun 78	13500.0	30	30.35	2.23			
5	SWP	5413	S	44025.0	31 May 79	11400.0						354
6	SWP	5413	L	44025.0	31 May 79	11400.0	22	22.25	1.95			354
7	SWP	6291	S	44113.0	27 Aug 79	12600.0						452
8	SWP	6291	L	44113.0	27 Aug 79	12600.0			2.03			452
9	SWP	9195	S	44396.0	5 Jun 80	11400.0						344
10	SWP	9195	L	44396.0	5 Jun 80	11400.0			2.09			344
11	SWP	10281	L	44517.0	4 Oct 80	11400.0			2.02			343
12	SWP	11060	L	44620.0	15 Jan 81	12000.0			0.77			233
13	LWR	10762	L	44758.0	2 Jun 81	8700.0				0.54		333
14	SWP	14218	L	44764.0	8 Jun 81	24600.0			1.57			346
15	SWP	16957	L	45104.0	14 May 82	7200.0			0.49			231
16	LWP	3560	L	45864.0	12 Jun 84	10800.0				0.72		404 D
17	SWP	23248	L	45864.0	12 Jun 84	9000.0			2.11			334
18	LWP	5246	L	46087.0	21 Jan 85	7200.0				0.75		304 D

X-Ray Spectra

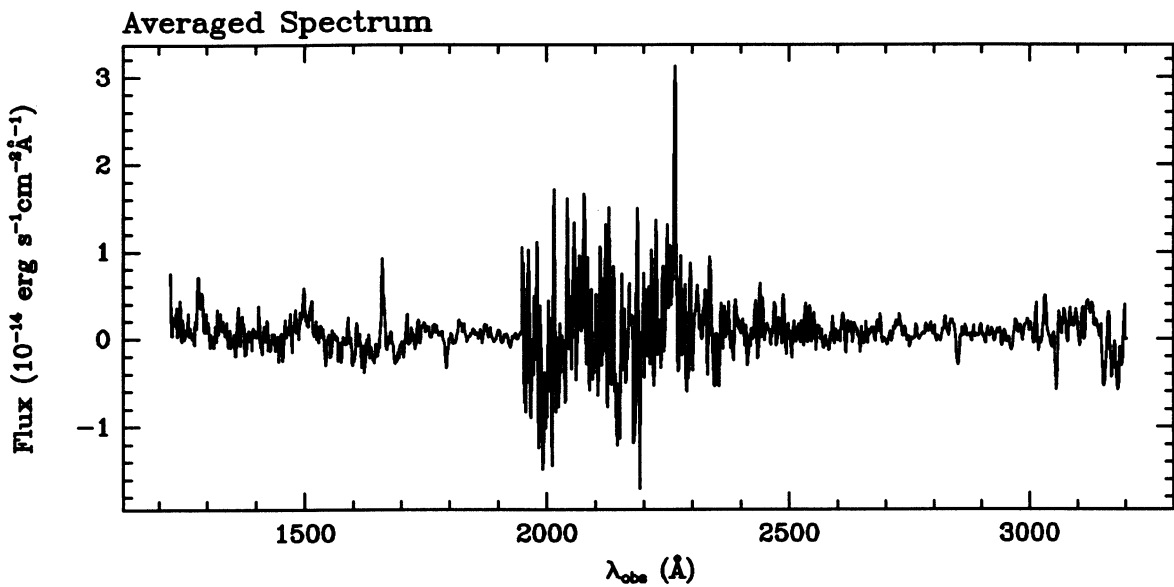
EINSTEIN • 299 • 306 • 649 • 1150
EXOSAT • 421 • 1708 • 1931 • 1968

References

• 14 • 27 • 69 • 85 • 143 • 158 • 179 • 245
• 261 • 273 • 280 • 284 • 302 • 303 • 320 • 394
• 402 • 434 • 474 • 504 • 537 • 590 • 593 • 607
• 621 • 634 • 636 • 641 • 653 • 662 • 669 • 717
• 720 • 729 • 776 • 804 • 816 • 823 • 826 • 832
• 845 • 879

QSO 0014+813

Right Ascension	:	0h 14m 04.50s
Declination	:	81° 18' 29.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.384
Alternative Names	:	



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 18728 L	45308.0	4 Dec 82	25080.0			0.16		002	
2	LWP 2827 L	45752.0	21 Feb 84	10200.0				0.10	06	D
3	SWP 23970 L	45959.0	15 Sep 84	22200.0			0.31		113	

X-Ray Spectra

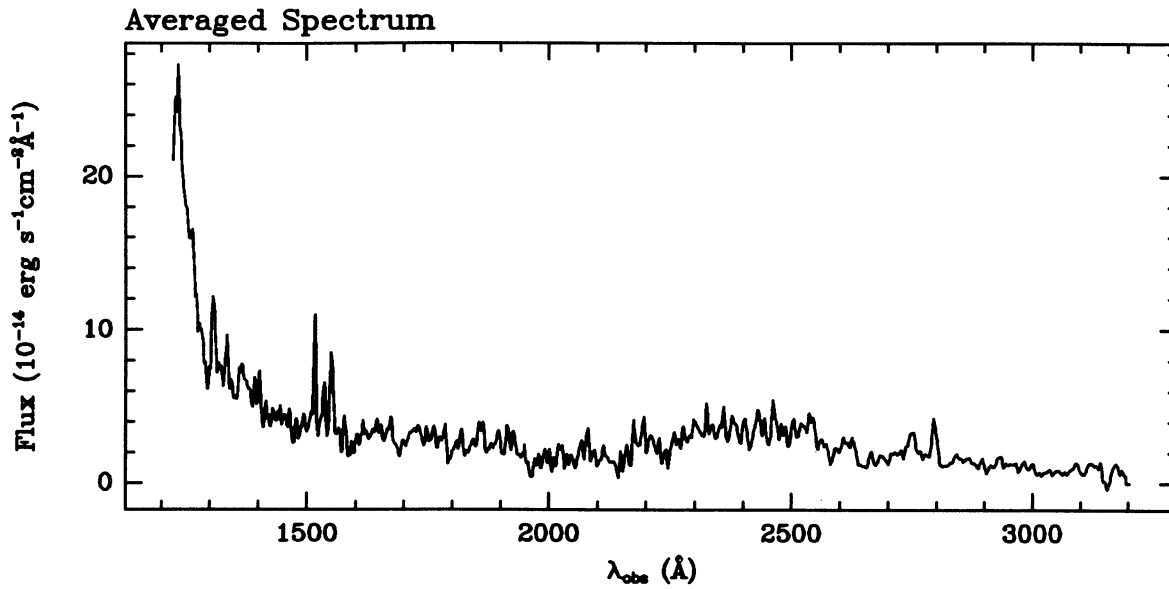
EINSTEIN • 760
 EXOSAT • 556 • 1192

References

• 350 • 500 • 587 • 668 • 701 • 719 • 770 • 813

AOO UM 239

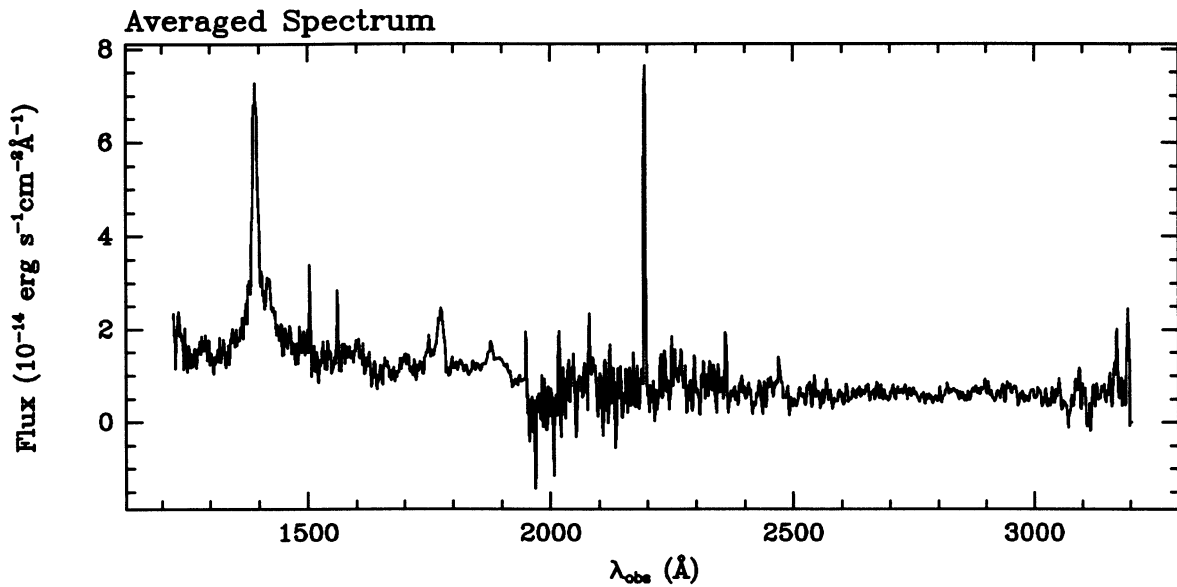
Right Ascension	:	0h 22m 20.00s
Declination	:	- 2° 10' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 7495 L	44235.0	27 Dec 79	3599.0			19.01		341	
2	LWR 6481 L	44236.0	28 Dec 79	5399.0				2.84	452	

PG 0026+129

Right Ascension	:	0h 26m 38.07s
Declination	:	12° 59' 29.6"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.142
Alternative Names	:	1E 0026.6+1259, QSO 0026+129

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1427 Å	2512 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 2148 L	43720.0	30 Jul 78	7200.0			2.92			
2	LWR 9629 L	44609.0	4 Jan 81	3600.0	20	20.54		0.42	302	
3	SWP 10953 L	44609.0	4 Jan 81	7200.0	20	20.54	2.05		335	
4	SWP 23451 L	45894.0	12 Jul 84	9000.0			2.58		341	
5	LWP 3758 L	45895.0	13 Jul 84	4200.0				0.57	314	D
6	LWP 11533 L	47038.0	30 Aug 87	8640.0				0.63	304	D
7	SWP 31680 L	47039.0	31 Aug 87	9300.0			2.10		341	

X-Ray Spectra

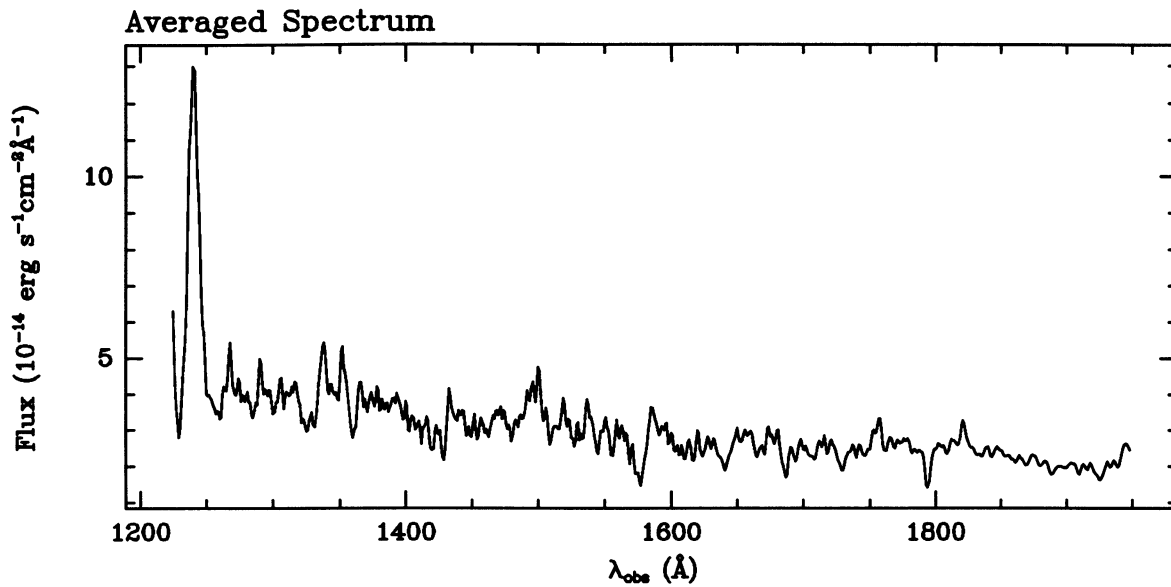
EINSTEIN	• 90	• 1183	• 1184	• 1185
	• 1186	• 1187		
EXOSAT	• 302	• 385	• 912	• 918

References

- 4
- 14
- 20
- 85
- 94
- 175
- 273
- 284
- 296
- 302
- 309
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- 354
- 402
- 432
- 488
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- 617
- 621
- 662
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- 708
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- 776
- 801
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- 845
- 879
- 930

ESOB 350-IG38

Right Ascension	:	0h 34m 26.00s
Declination	:	-33° 49' 59.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.020
Alternative Names	:	EQ 0034-33, IRAS 00344-3349

**Observed Spectra**

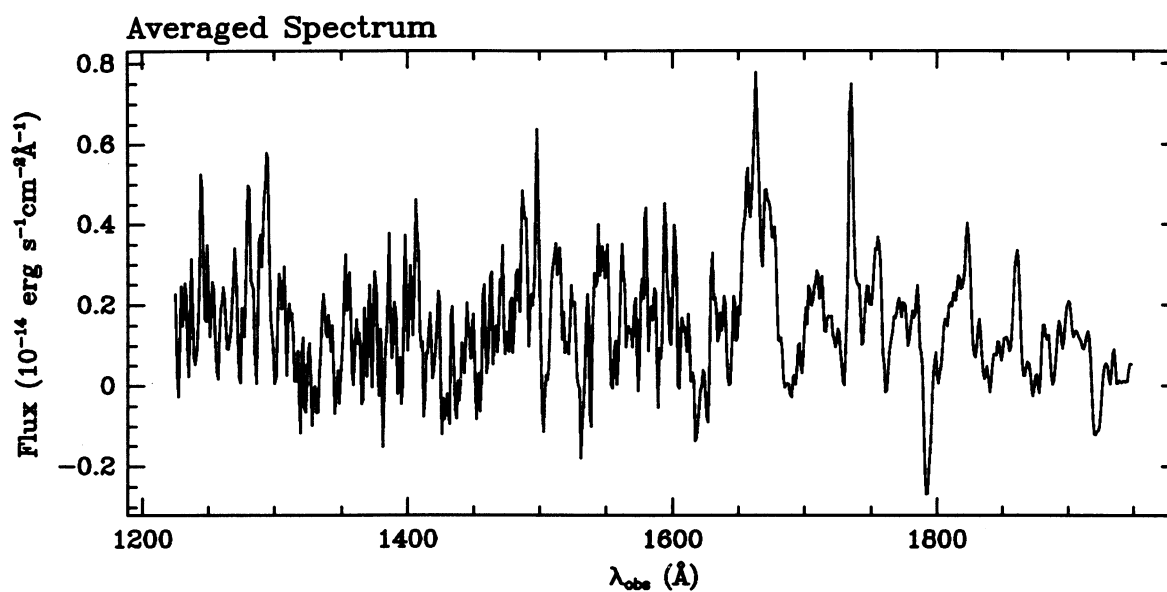
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1275 Å	2244 Å	CEB	Flag
1	SWP	24158	L	45984.0	10 Oct 84	16620.0	36	41.99	4.02			352

References

- 493

MRK 957

Right Ascension	:	0h 39m 09.70s
Declination	:	40° 04' 51.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.073
Alternative Names	:	5C3 100, EQ 0039+400 A

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1341 Å	2360 Å	CEB	Flag
1	SWP 31908 L	47062.0	23 Sep 87	24300.0			0.12		375	
2	SWP 34727 L	47477.0	11 Nov 88	24600.0			0.03		306	

X-Ray Spectra

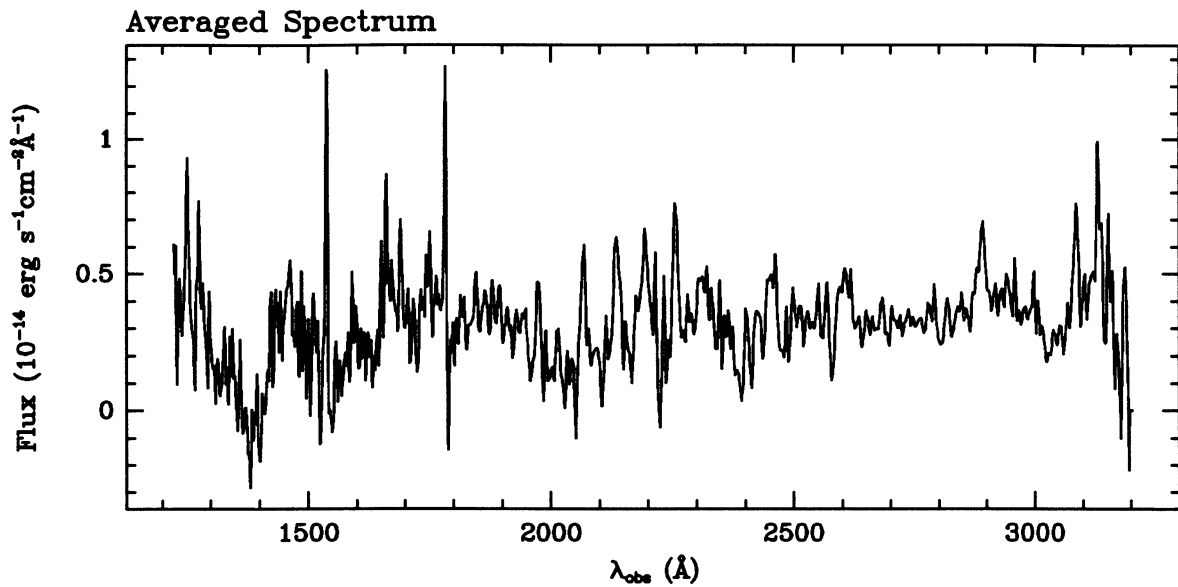
EINSTEIN • 108 • 427 • 1055

References

• 8 • 10 • 85 • 93 • 135 • 198 • 592 • 717

ESOB 012-G21

Right Ascension	:	0h 39m 16.00s
Declination	:	-79° 30' 54.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.031
Alternative Names	:	EQ 0039-795

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
1	LWR	8854	L	44503.0	20 Sep 80	22800.0						345
2	SWP	10217	L	44507.0	24 Sep 80	23100.0	30	30.68	0.30	0.40		224

X-Ray Spectra

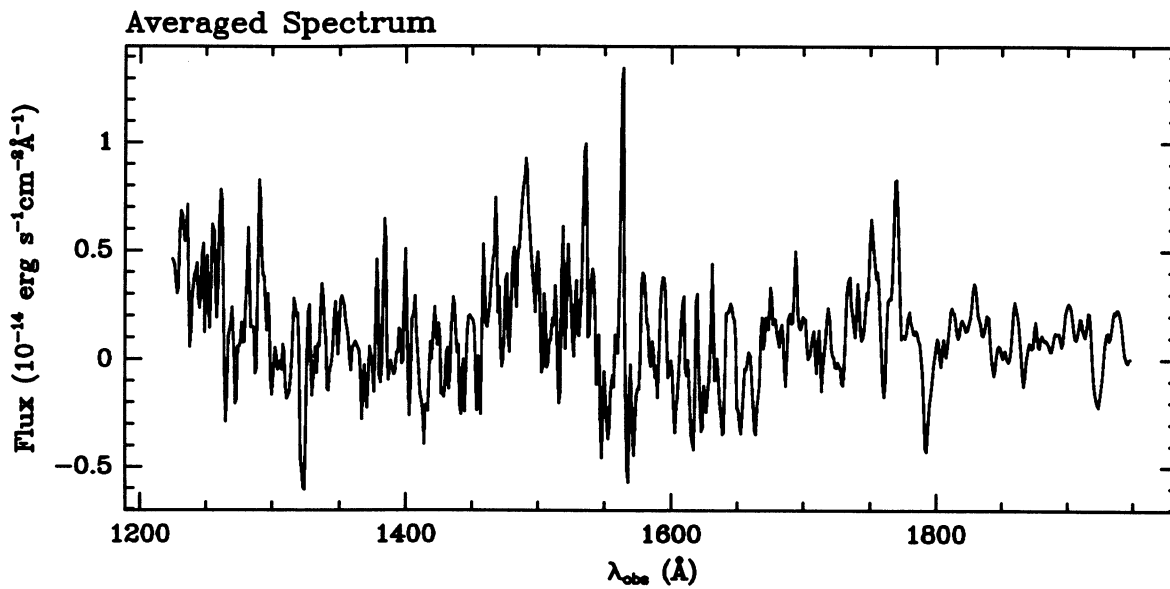
EXOSAT • 1515

References

• 261 • 662 • 729

ABCG 85

Right Ascension	:	0h 39m 18.00s
Declination	:	- 9° 34' 18.0"
Object Type	:	Seyfert 2
ULDA Type	:	88
Redshift	:	0.045
Alternative Names	:	H 0039-09.6, 1XRS 00397-096
	:	4U 0037-10, 2A 0039-096

**Observed Spectra**

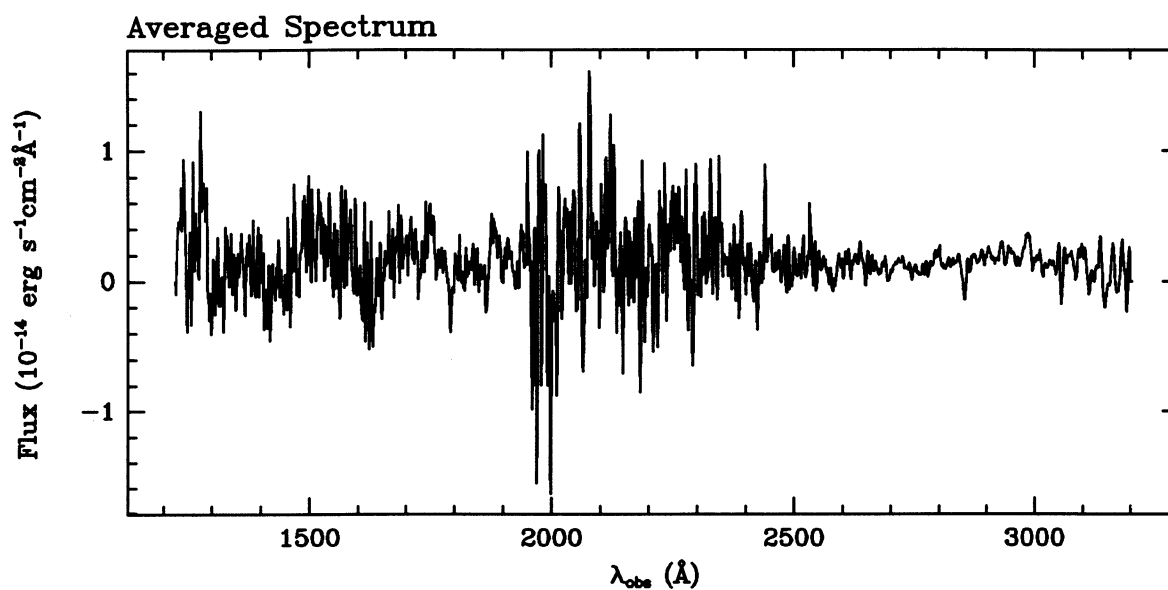
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1306 Å	2299 Å	CEB	Flag
1	SWP	28717	L	46632.0	20 Jul 86	23100.0			0.04		05	
2	SWP	29750	L	46759.0	24 Nov 86	23400.0			0.09		06	

References

- 323
- 387
- 799

PG 0043+039

Right Ascension	:	0h 43m 10.70s
Declination	:	3° 54' 41.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.384
Alternative Names	:	QSO 0043+039

**Observed Spectra**

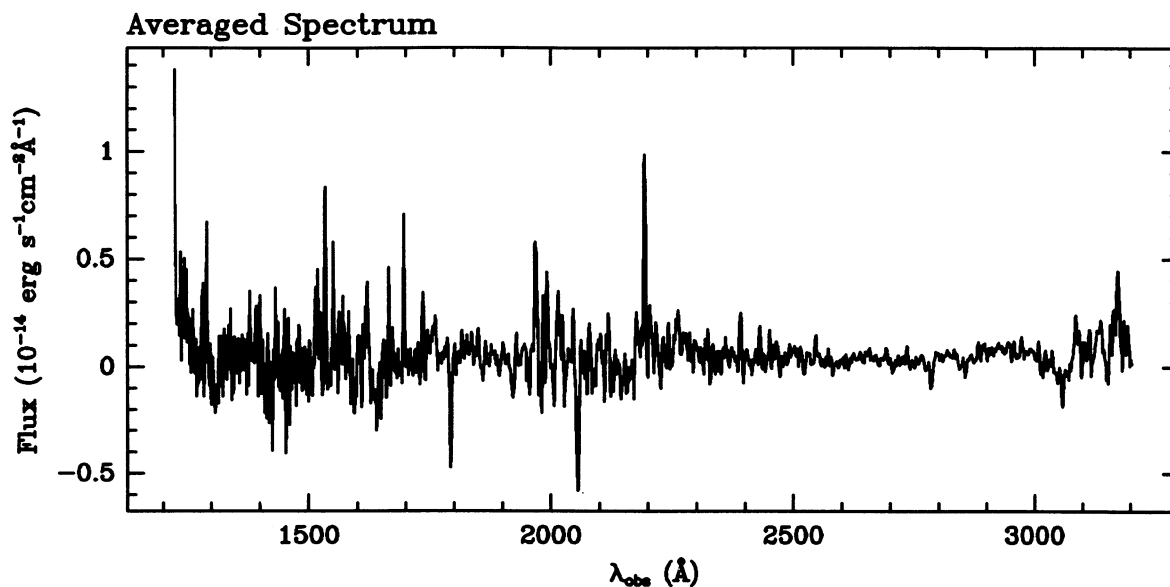
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		MJD	Civilian		Raw	Corr.	1729 \AA	3044 \AA	CEB	Flag
1	LWP 9552 L	46754.0	19 Nov 86	12000.0				0.01	02	D
2	SWP 29721 L	46754.0	19 Nov 86	3900.0					01	
3	LWP 9553 L	46755.0	20 Nov 86	6000.0					03	D
4	LWP 9945 L	46812.0	16 Jan 87	12300.0				0.44	307	D
5	SWP 30111 L	46812.0	16 Jan 87	12300.0			0.58		303	

References

- 621
- 801
- 830
- 832
- 842

QSO 0043+008

Right Ascension	:	0h 43m 40.00s
Declination	:	0° 48' 06.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.150
Alternative Names	:	UM 275, PHL 6612

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR	12508	L	45005.0	4 Feb 82	25500.0				0.05		06
2	LWP	1647	L	45204.0	22 Aug 82	47520.0				0.05		209
3	SWP	17763	L	45206.0	24 Aug 82	47100.0			0.06			209

X-Ray Spectra

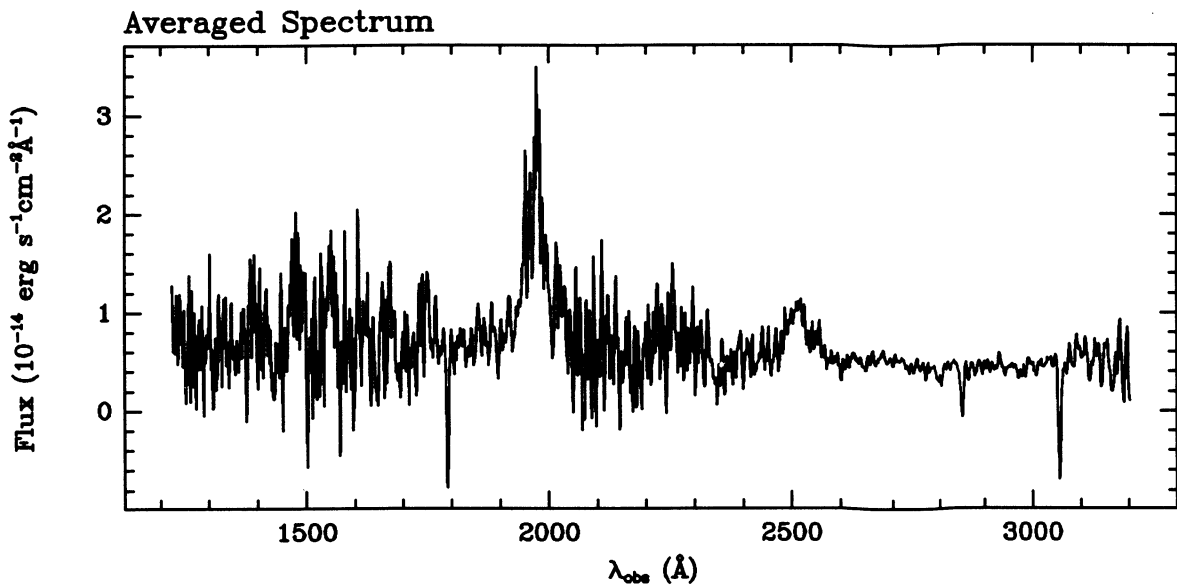
EINSTEIN • 329 • 330 • 378 • 970
 • 973 • 979 • 982

References

• 302 • 307 • 505 • 574 • 729 • 730 • 776 • 814
 • 842

QSO 0044+030

Right Ascension	:	0h 44m 31.20s
Declination	:	3° 03' 35.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.624
Alternative Names	:	PKS 0044+030, PHL 828



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2030 Å	3000 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 11391 L	47022.0	14 Aug 87	8700.0			0.83	0.54	336	D
2	SWP 31564 L	47022.0	14 Aug 87	9000.0					305	
3	LWP 12154 L	47123.0	23 Nov 87	10500.0			0.82	0.39	305	D
4	LWP 12155 L	47123.0	23 Nov 87	10260.0			1.01	0.53	305	D
5	LWP 12514 L	47178.0	17 Jan 88	8100.0			0.71	0.34	308	
6	LWP 12515 L	47178.0	17 Jan 88	7500.0			1.01	0.38	309	
7	LWP 12516 L	47178.0	17 Jan 88	4500.0			1.15	0.47		

X-Ray Spectra

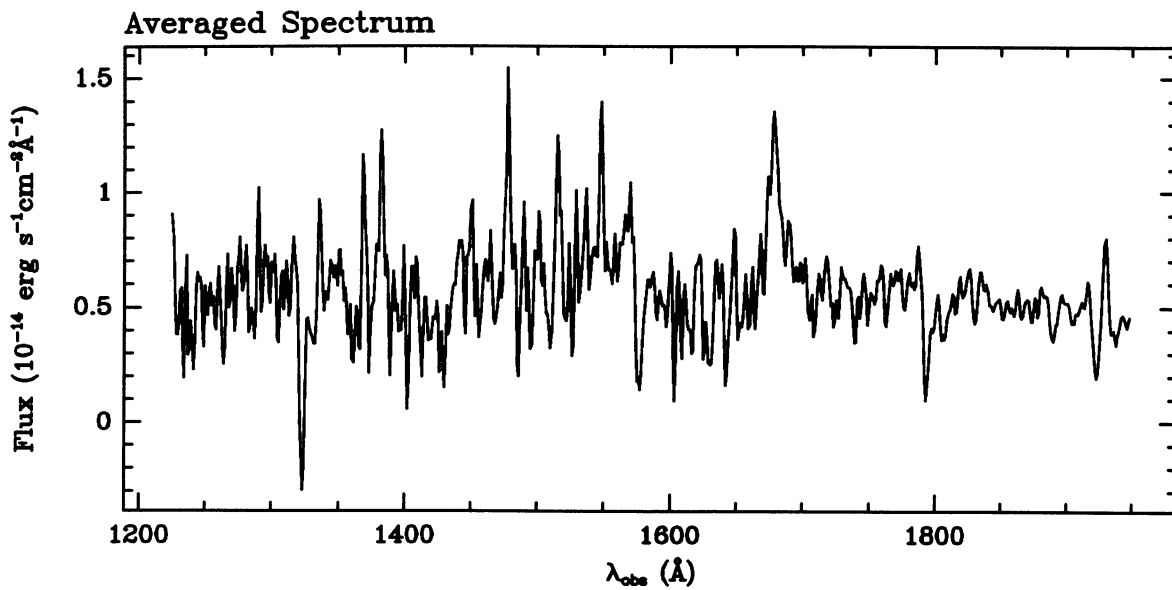
EINSTEIN • 971 • 1020

References

- 18 • 302 • 504 • 537 • 621 • 711 • 766 • 776
- 801 • 804 • 832

IC 1586

Right Ascension	:	0h 45m 17.00s
Declination	:	22° 06' 07.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.019
Alternative Names	:	MRK 347

**Observed Spectra**

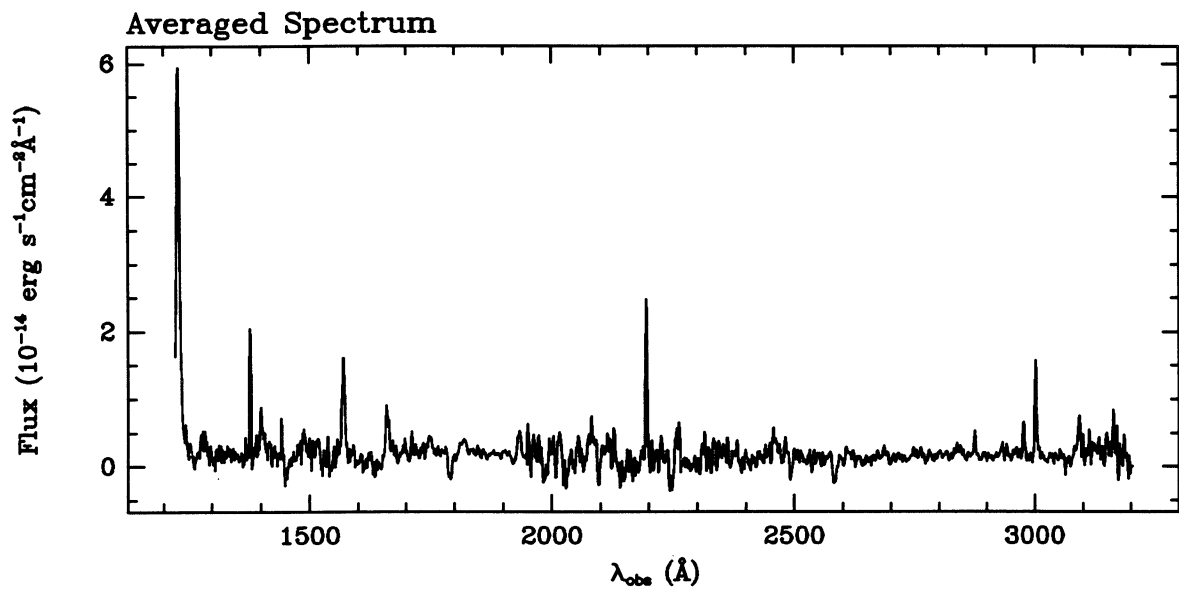
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	SWP 27190 L	46399.0	29 Nov 85	51600.0			0.57			309

References

- 682

NGC 262

Right Ascension	: 0h 46m 04.40s
Declination	: 31° 41' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.014
Alternative Names	: MRK 348, UGC 499, MCG+05-03-0008
	: IRAS 00461+3141, EQ 0046+316



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2230 Å	CEB	Flag
1	SWP 14349 L	44784.0	28 Jun 81	19800.0	23	23.83	0.27		243	
2	LWR 11163 L	44813.0	27 Jul 81	17160.0				0.09	337	
3	SWP 27580 L	46455.0	24 Jan 86	23160.0			0.26		334	

X-Ray Spectra

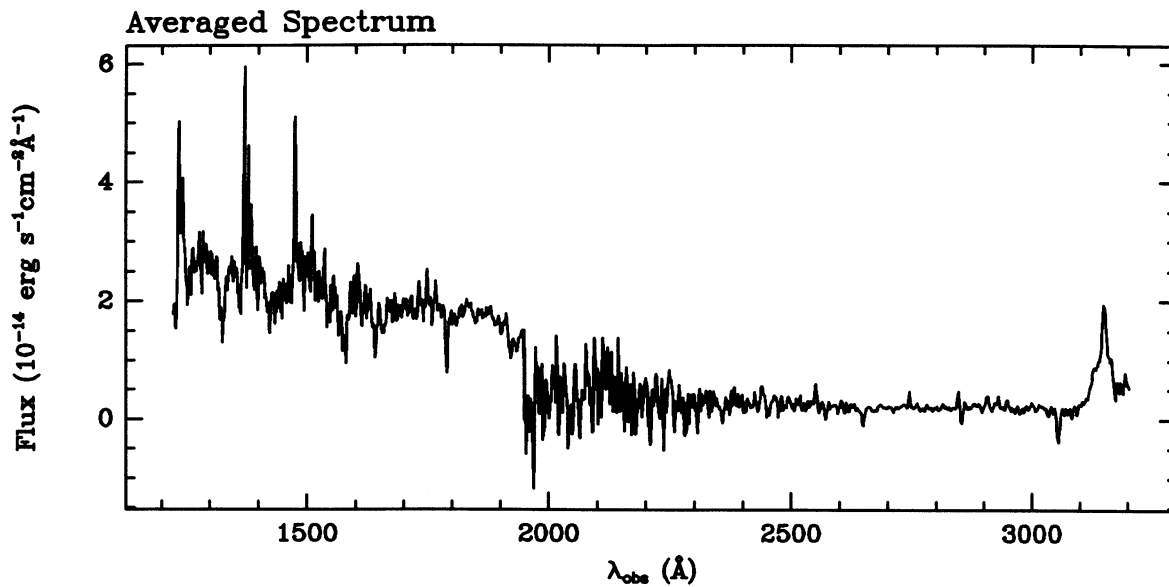
EINSTEIN	• 658	• 661	• 662	• 1048
	• 1057	• 1257		
EXOSAT	• 323	• 520	• 978	

References

• 85	• 93	• 95	• 135	• 143	• 145	• 164	• 177
• 284	• 394	• 445	• 499	• 521	• 528	• 566	• 593
• 623	• 669	• 717	• 788	• 804	• 896		

MRK 960

Right Ascension	:	0h 46m 04.80s
Declination	:	-12° 59' 22.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.022
Alternative Names	:	MCG-02-03-0019, HARO 15

**Observed Spectra**

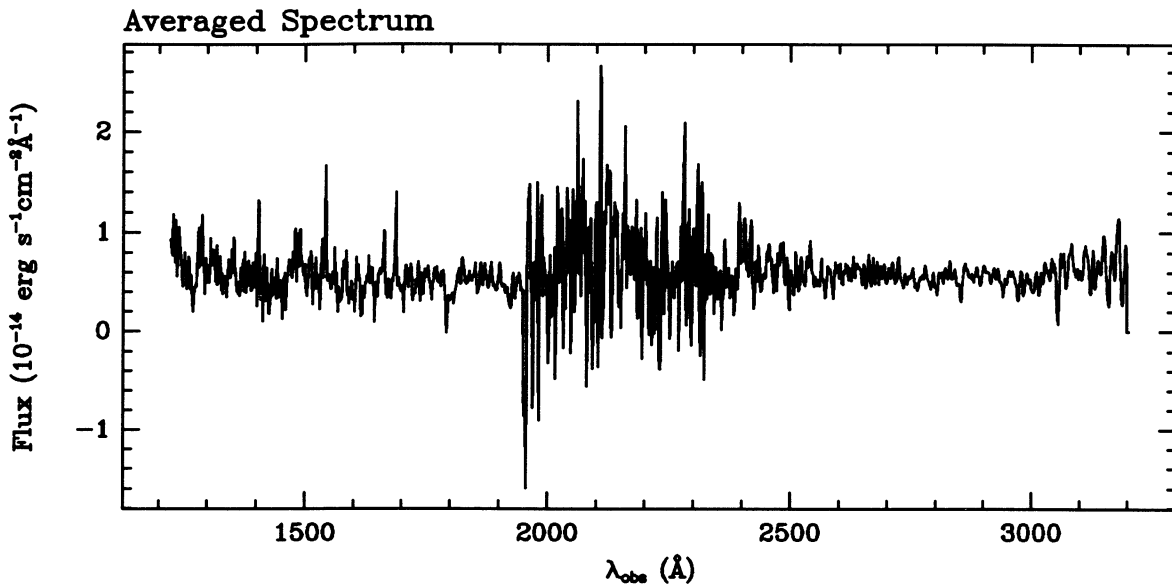
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1277 Å	2248 Å	CEB	Flag
1	SWP 11259 L	44643.0	7 Feb 81	24600.0	32	32.92	2.63			308
2	LWP 14499 L	47487.0	21 Nov 88	24600.0	14	23.26		0.29		309

References

• 713

QSO 0048-097

Right Ascension	: 0h 48m 10.05s
Declination	: - 9° 45' 24.0"
Object Type	: BL Lac HP
ULDA Type	: 85,87
Redshift	: Unknown
Alternative Names	: PKS 0048-097, OB -081



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 30039 L	46803.0	7 Jan 87	15480.0	24	32.66	0.84		303	
2	LWP 9886 L	46804.0	8 Jan 87	9240.0				0.54	303	D
3	SWP 34022 L	47377.0	3 Aug 88	18180.0			0.51		302	

X-Ray Spectra

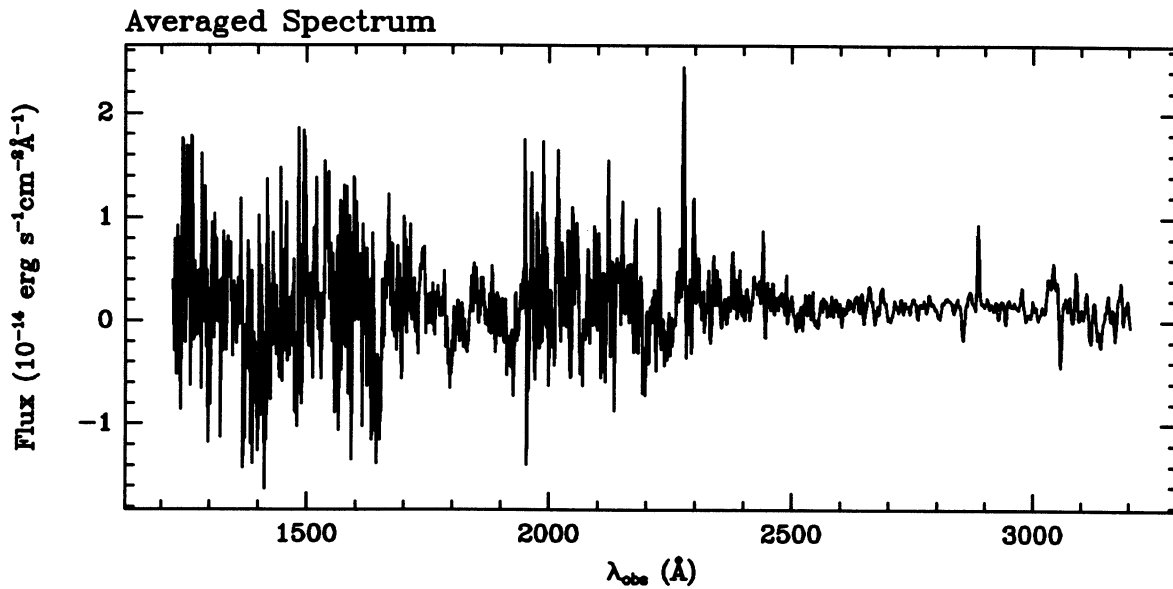
EINSTEIN • 72 • 305 • 312 • 624
 • 631

References

• 279 • 527 • 715 • 751 • 827

QSO 0048+290

Right Ascension	:	0h 48m 53.05s
Declination	:	29° 07' 48.2"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.036
Alternative Names	:	EQ 0048+29

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1295 Å	2279 Å	CEB	Flag
1	LWP 14437 L	47476.0	10 Nov 88	9900.0					335	
2	SWP 34723 L	47476.0	10 Nov 88	900.0			0.40	0.46	02	
3	SWP 34724 L	47476.0	10 Nov 88	11700.0			0.14		303	

X-Ray Spectra

EINSTEIN

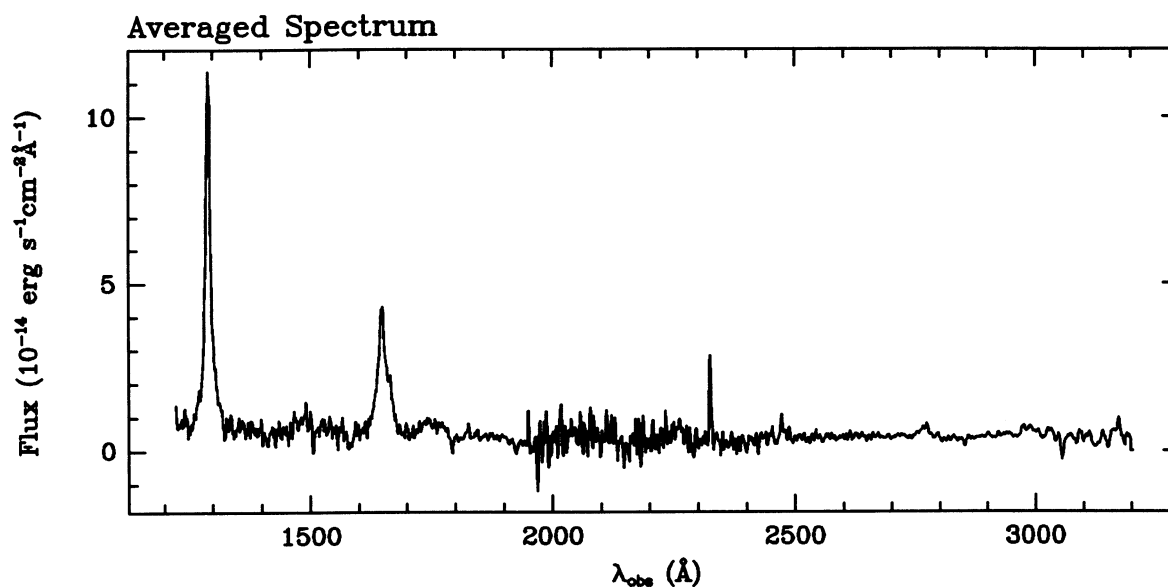
• 651

• 1051

• 1052

MRK 1148

Right Ascension	:	0h 49m 16.60s
Declination	:	17° 09' 40.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.064
Alternative Names	:	PG 0049+171, QSO 0049+171

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1330 Å	2340 Å	CEB	Flag
1	SWP 26506 L	46278.0	31 Jul 85	24900.0			0.96		3x7	
2	LWP 6541 L	46279.0	1 Aug 85	14400.0				0.49	336	D

X-Ray Spectra

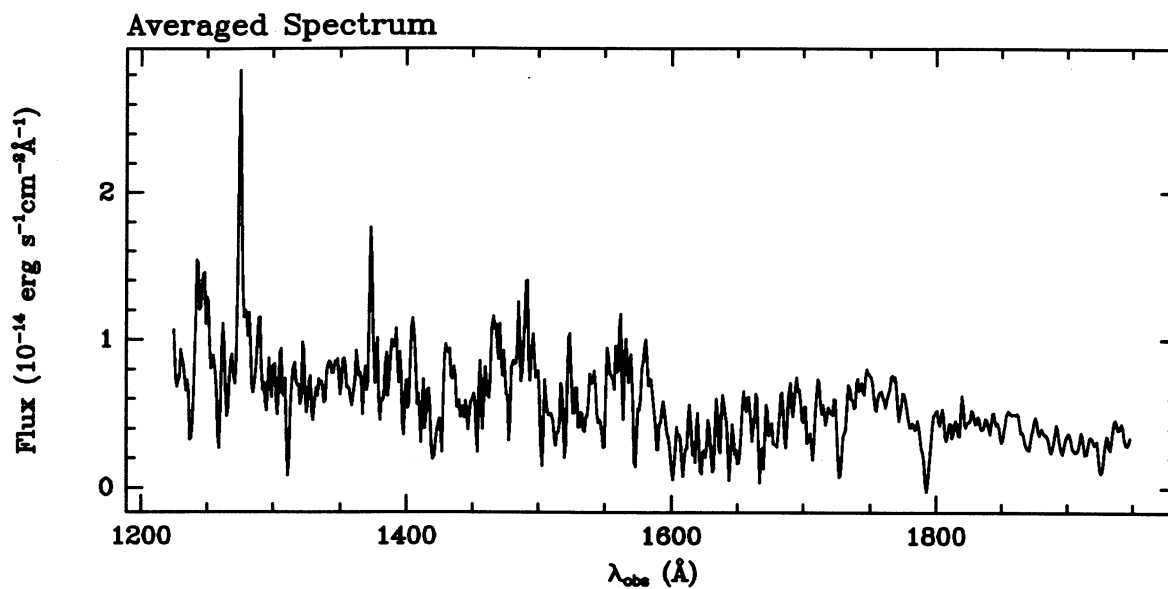
EINSTEIN	• 300	• 384	• 635	• 652
	• 1032	• 1039		
EXOSAT	• 1932			

References

• 280 • 525 • 621 • 717 • 776 • 804 • 816 • 832

MCG +00-03-0018

Right Ascension	:	0h 49m 26.10s
Declination	:	- 0° 45' 29.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	Unknown
Alternative Names	:	UM 286, ARK 18

**Observed Spectra**

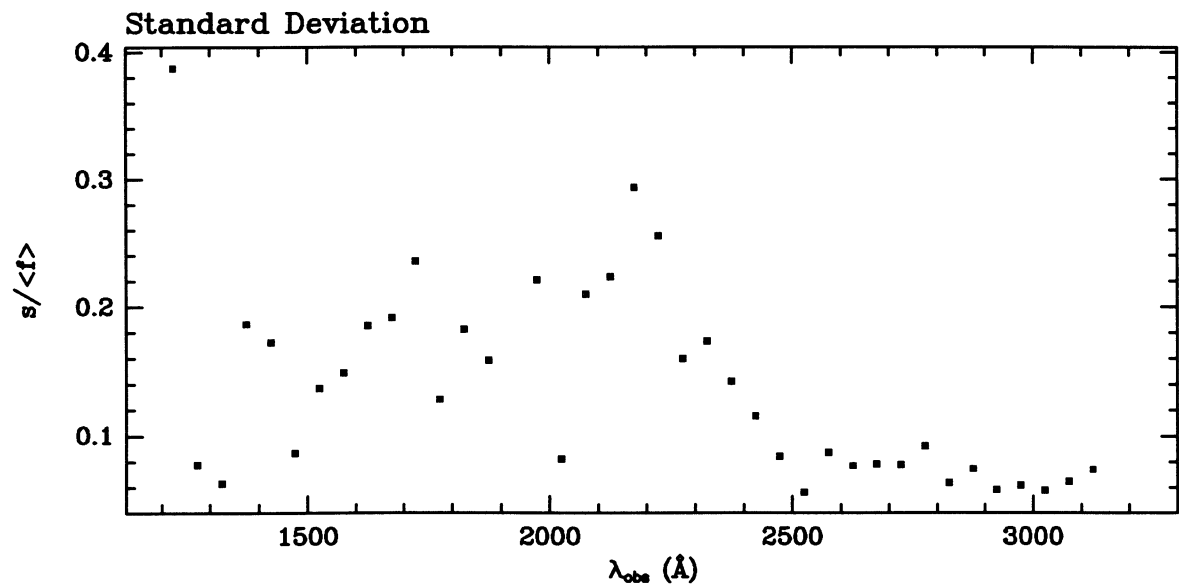
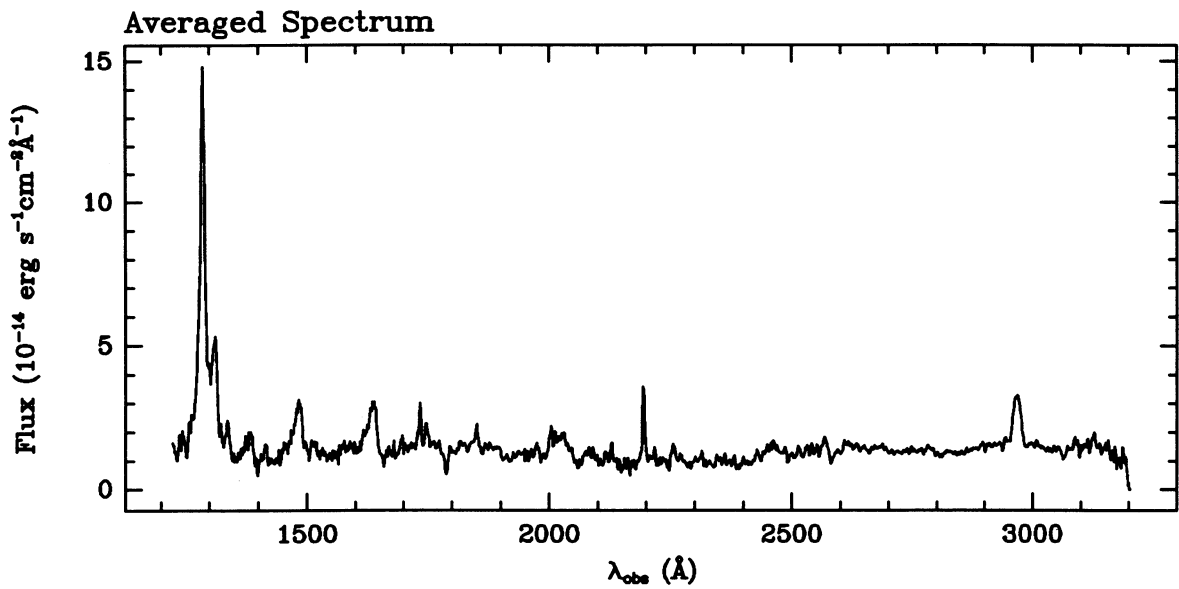
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 26568 L	46285.0	7 Aug 85	15480.0			10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	0.90		312

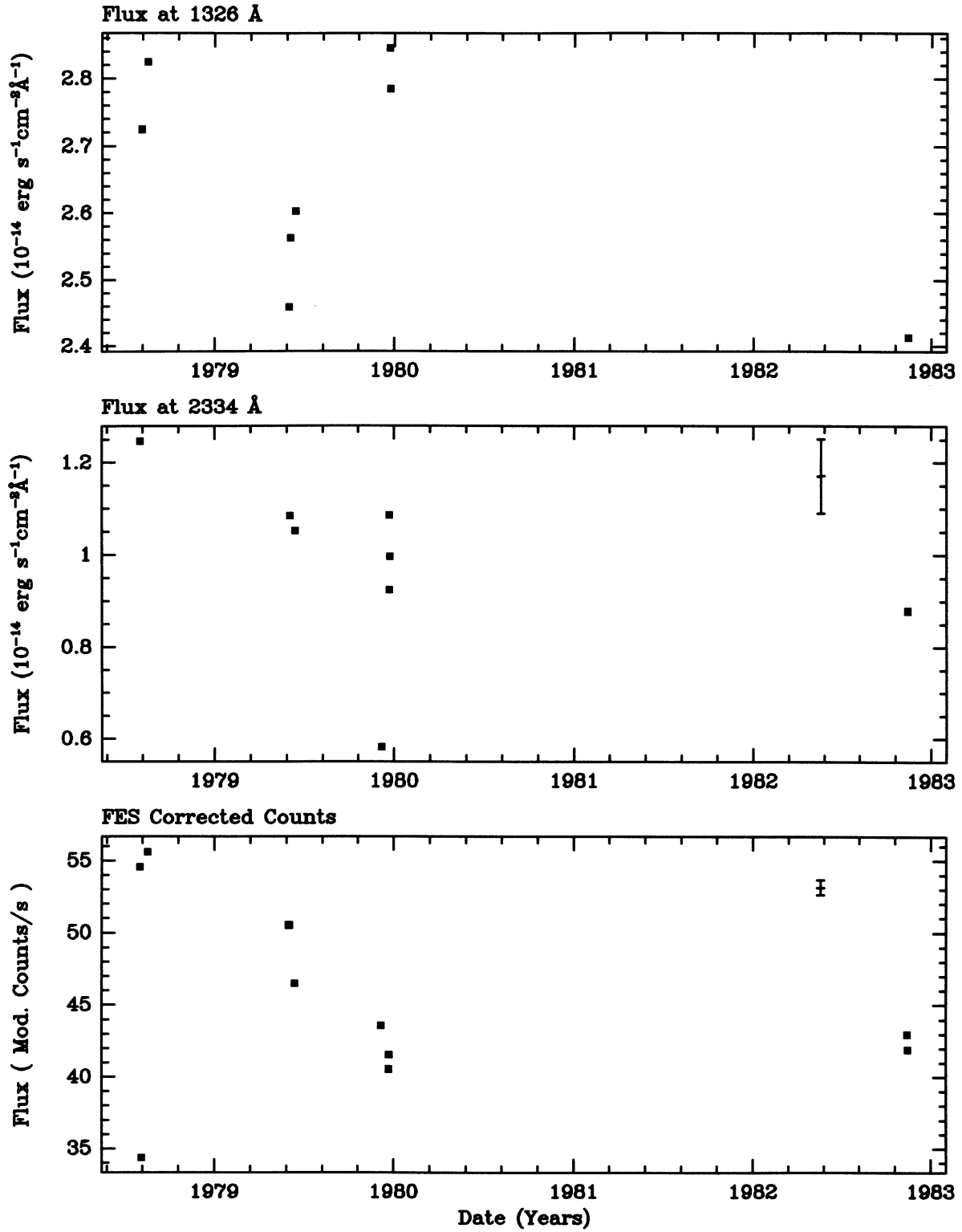
X-Ray Spectra

EINSTEIN • 329 • 330 • 378 • 970
 • 973 • 979 • 982

PG 0050+124

Right Ascension	: 0h 50m 57.80s
Declination	: 12° 25' 19.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.061
Alternative Names	: ZW I 1, UGC 545, PG 0050+124, PHL 3072
	: IRAS 00509+1225, QSO 0050+124, MRK 1502





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1326 Å	2334 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1955	L	43723.0	2 Aug 78	12600.0	54	54.60		1.25	56	
2	SWP	2216	L	43726.0	5 Aug 78	12000.0	34	34.38	2.72		13	
3	SWP	2333	L	43739.0	18 Aug 78	9300.0	55	55.61	2.83		13	
4	SWP	5411	L	44025.0	31 May 79	3600.0	50	50.56	2.46		13	
5	LWR	4673	L	44027.0	2 Jun 79	10800.0				1.09	56	
6	SWP	5427	L	44027.0	2 Jun 79	3600.0	50	50.56	2.56		13	
7	LWR	4765	L	44037.0	12 Jun 79	8400.0				1.05	453	
8	SWP	5497	L	44037.0	12 Jun 79	11999.0	46	46.52	2.60		353	
9	LWR	6315	L	44214.0	6 Dec 79	9000.0	43	43.60		0.58	303	
10	LWR	6463	L	44230.0	22 Dec 79	7199.0				1.09	453	
11	LWR	6464	L	44230.0	22 Dec 79	7199.0	40	40.57		0.93	453	
12	SWP	7460	L	44230.0	22 Dec 79	10799.0	41	41.59	2.85		353	
13	LWR	6469	L	44231.0	23 Dec 79	10800.0				1.00	4x3	
14	SWP	7484	L	44231.0	23 Dec 79	17999.0	41	41.59	2.79		3x6	
15	LWR	14626	L	45288.0	14 Nov 82	9600.0	40	43.00		0.88	453	
16	SWP	18557	L	45289.0	15 Nov 82	12000.0	39	41.93	2.41		354	

X-Ray Spectra

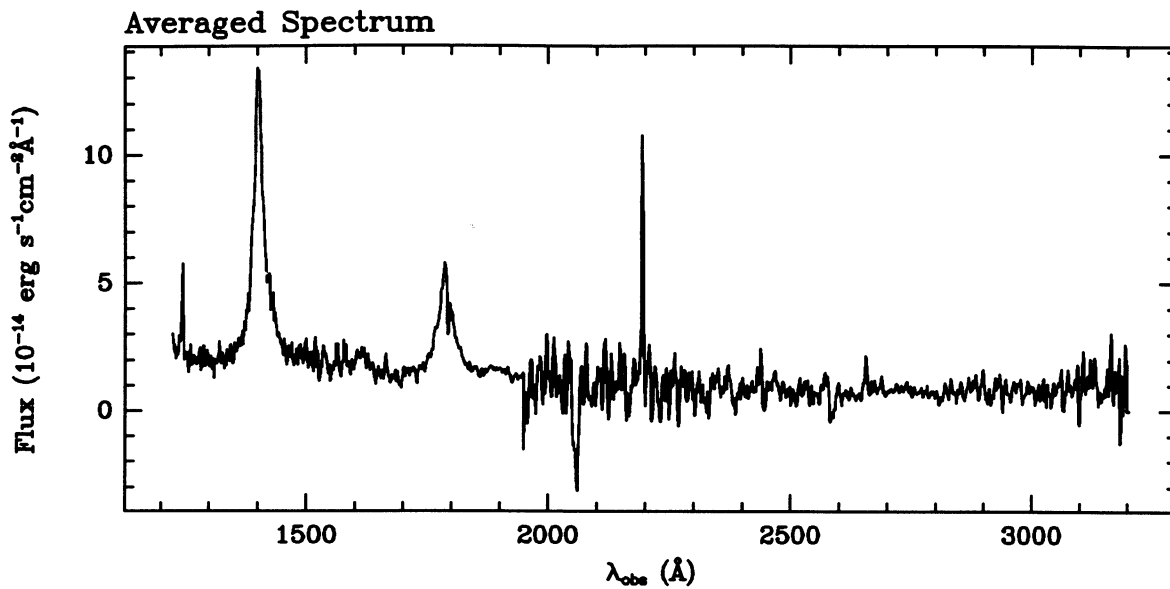
EINSTEIN • 371 • 642
EXOSAT • 302 • 912 • 918

References

• 5 • 8 • 10 • 26 • 29 • 37 • 57 • 65
• 85 • 94 • 99 • 158 • 179 • 261 • 284 • 296
• 320 • 346 • 359 • 394 • 488 • 521 • 578 • 580
• 590 • 592 • 593 • 639 • 662 • 669 • 717 • 718
• 729 • 776 • 804 • 816 • 830 • 832 • 867

PG 0052+251

Right Ascension	:	0h 52m 11.10s
Declination	:	25° 09' 24.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.154
Alternative Names	:	QSO 0052+252

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1442 Å	2538 Å	CEB	Flag
1	LWR	15214	L	45374.0	8 Feb 83	5700.0			3.37	0.74	306	
2	SWP	19224	L	45374.0	8 Feb 83	15000.0					3x5	

X-Ray Spectra

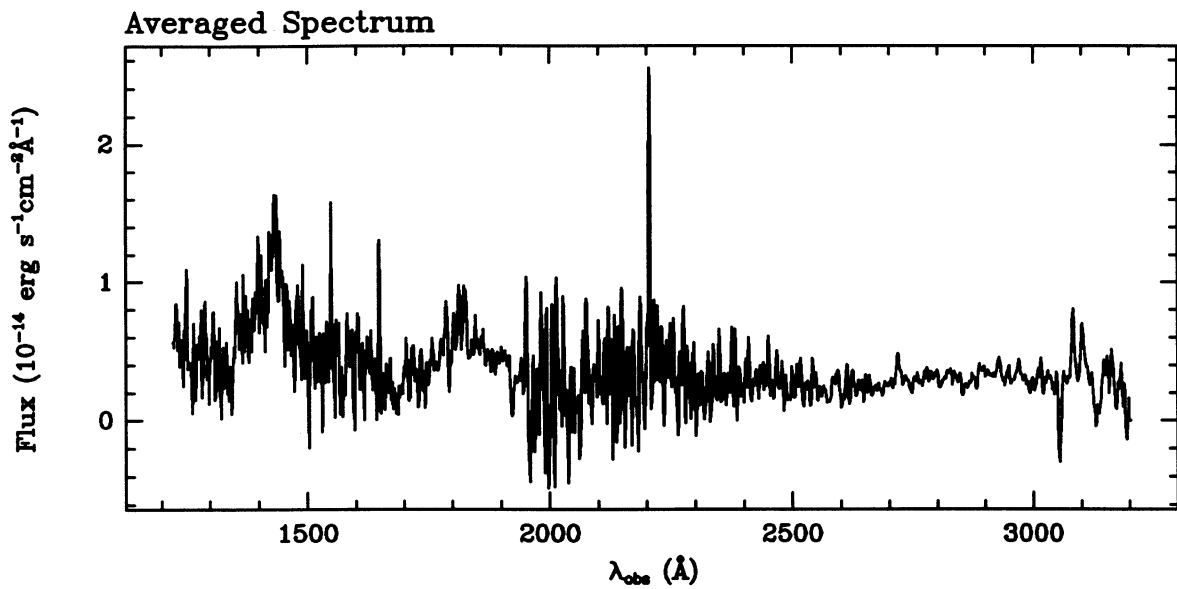
EINSTEIN • 411 • 659
 EXOSAT • 1967

References

• 474 • 621 • 634 • 717 • 815 • 832 • 842 • 867

PG 0054+144

Right Ascension	:	0h 54m 31.94s
Declination	:	14° 29' 58.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.171
Alternative Names	:	PHL 909, PKS 0054+144
	:	1E 0054.5+1430, QSO 0054+144

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1463 Å	2576 Å	CEB	Flag
1	SWP 30040 L	46803.0	7 Jan 87	18300.0			0.76		335	
2	LWP 11207 L	46991.0	14 Jul 87	23400.0				0.22	309	D

X-Ray Spectra

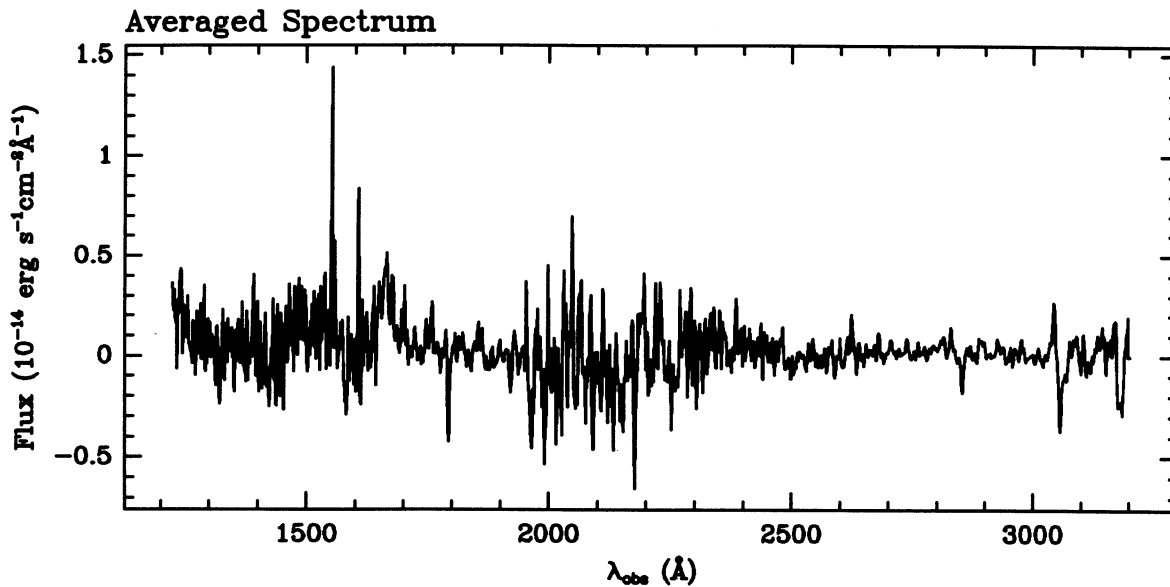
EINSTEIN • 91 • 337 • 1037
EXOSAT • 1282

References

• 302 • 590 • 662 • 689 • 776 • 823 • 829 • 879

QSO 0055-269

Right Ascension	:	0h 55m 32.57s
Declination	:	-26° 59' 25.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.670
Alternative Names	:	

**Observed Spectra**

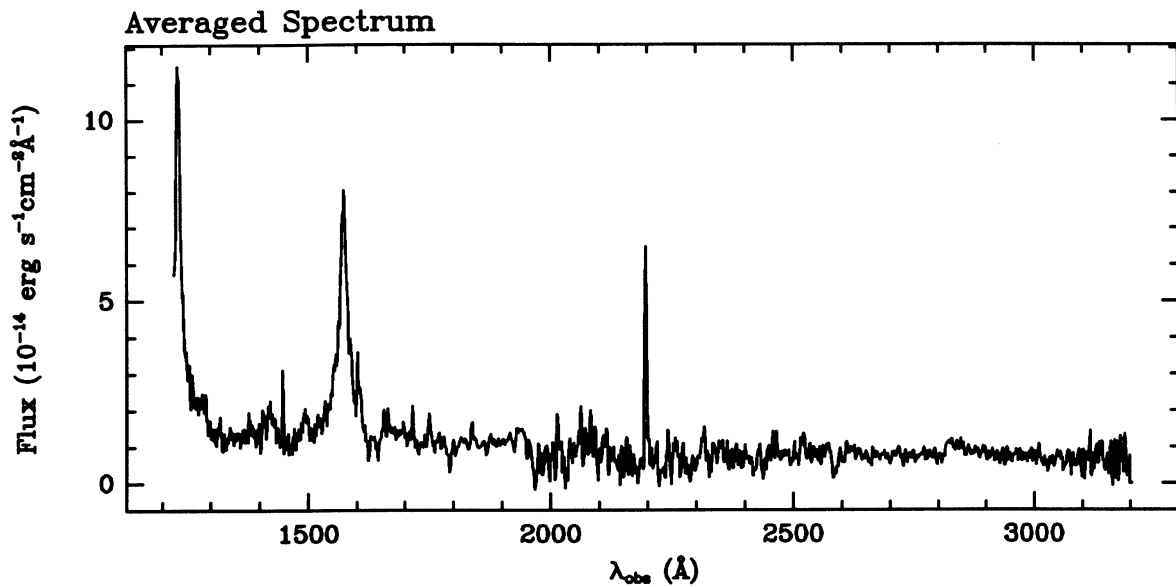
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP	26996	L	46367.0	28 Oct 85	46380.0			0.15		09	
2	LWP	7016	L	46368.0	29 Oct 85	45600.0				0.00	09	D

X-Ray Spectra

- EINSTEIN • 355
- EXOSAT • 1970

MRK 352

Right Ascension	:	0h 57m 08.60s
Declination	:	31° 33' 27.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.015
Alternative Names	:	EQ 0057+315, IRAS 0057+316

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1268 \AA	2233 \AA	CEB	Flag
1	LWR 14180 L	45228.0	15 Sep 82	7200.0						
2	SWP 17961 L	45228.0	15 Sep 82	10200.0	23	24.59	2.66	0.61		333
3	SWP 17996 L	45231.0	18 Sep 82	17040.0	22	23.53	2.44			236

X-Ray Spectra

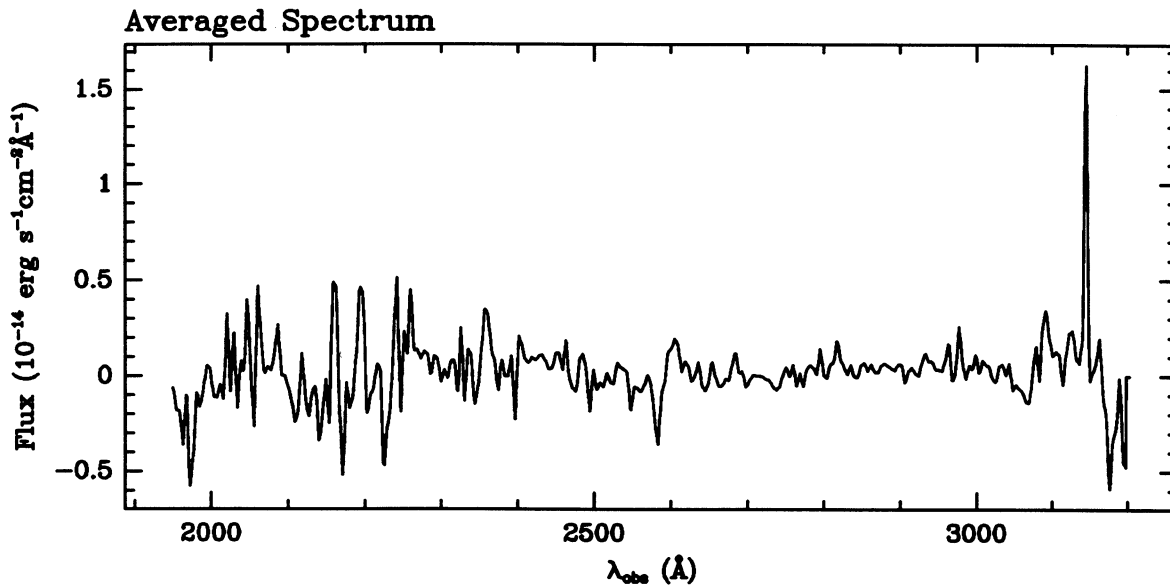
EINSTEIN	• 661	• 662	• 1048
EXOSAT	• 323	• 520	• 978

References

• 85	• 135	• 145	• 284	• 320	• 394	• 400	• 593
• 669	• 717	• 766	• 804				

QSO 0100+130

Right Ascension	:	1h 00m 33.39s
Declination	:	13° 00' 10.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.681
Alternative Names	:	PHL 957

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 6201 L	44198.0	20 Nov 79	24899.0				0.06	005	

X-Ray Spectra

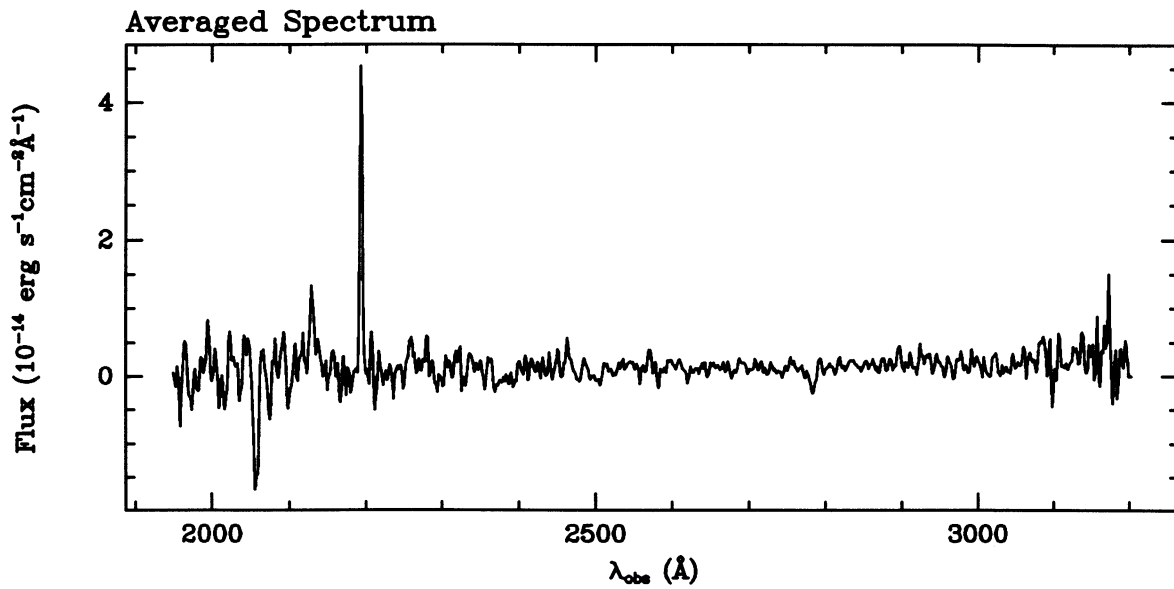
EINSTEIN	• 99	• 313	• 338	• 1035
EXOSAT	• 302	• 385	• 912	• 918

References

• 3	• 10	• 14	• 17	• 23	• 185	• 213	• 214
• 265	• 296	• 302	• 307	• 334	• 590	• 613	• 687
• 701	• 729	• 730	• 766	• 804			

QSO 0105+061

Right Ascension	:	1h 05m 46.20s
Declination	:	6° 07' 30.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.960
Alternative Names	:	UM 86, PB 6277



Observed Spectra

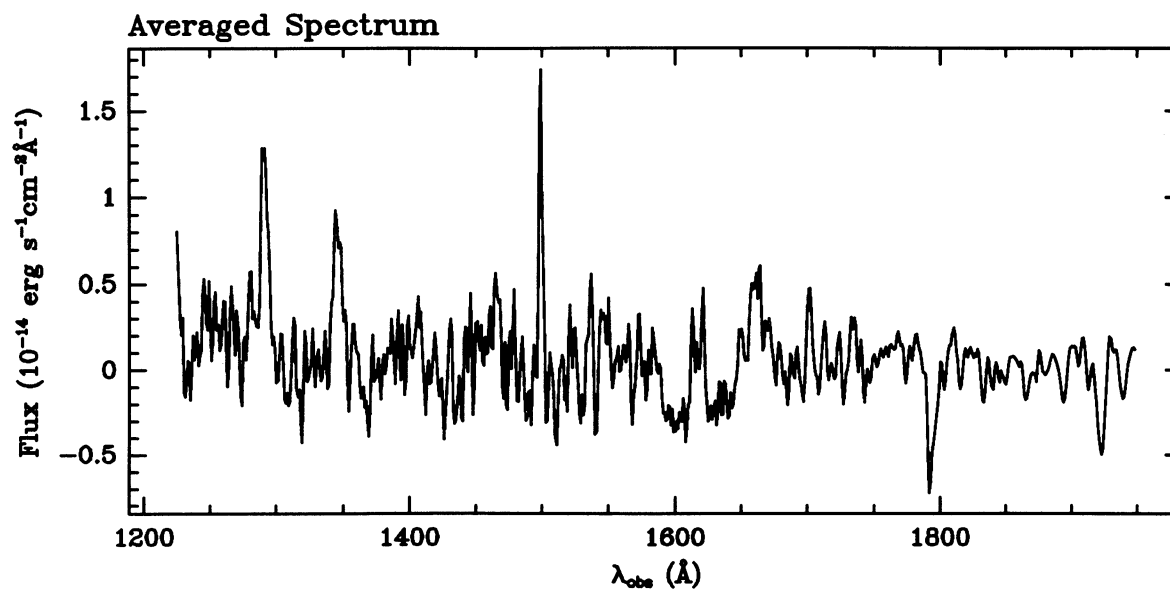
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 15348 L	45386.0	20 Feb 83	14400.0				0.18	304	

X-Ray Spectra

- EINSTEIN • 311
- EXOSAT • 442 • 1744

AOO 3C 33

Right Ascension	:	1h 06m 12.00s
Declination	:	13° 03' 33.0"
Object Type	:	Radiogalaxy
ULDA Type	:	86
Redshift	:	0.060
Alternative Names	:	PKS 0106+130, 4C 13.07
	:	NRAO 57, OC 110

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1325 \AA	2332 \AA	CEB	Flag
1	SWP 20238 L	45503.0	17 Jun 83	23400.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	0.12		?9

X-Ray Spectra

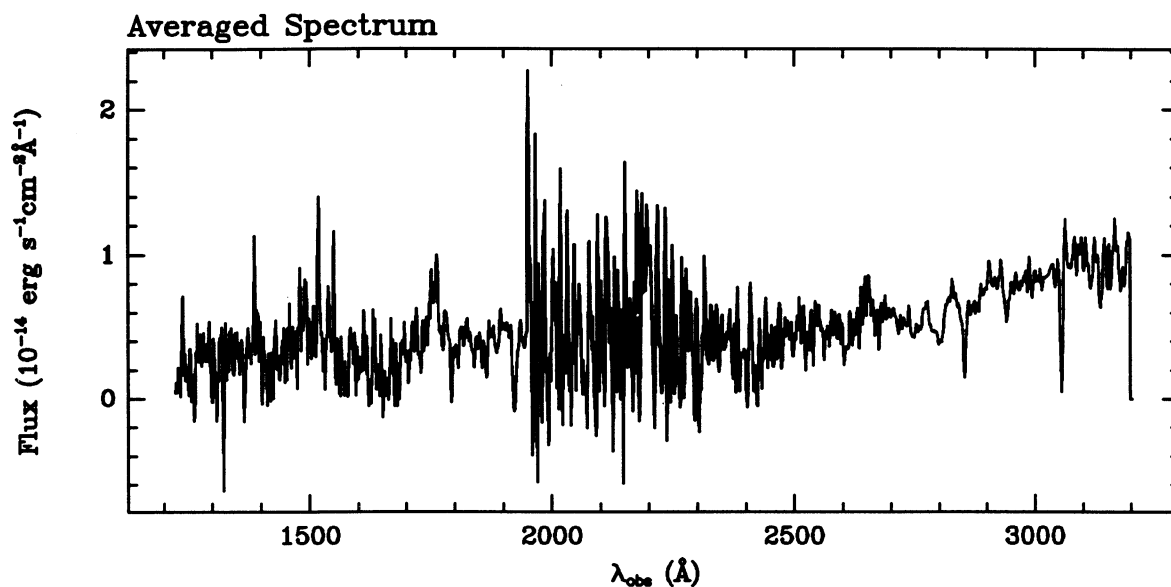
EINSTEIN	• 99	• 313	• 338	• 1035
EXOSAT	• 302	• 912	• 918	

References

• 85	• 93	• 164	• 177	• 284	• 285	• 315	• 445
• 669							

NGC 404

Right Ascension	:	1h 06m 39.00s
Declination	:	35° 27' 09.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	UGC 718, MCG+06-03-0018
	:	IRAS 01066+3527, EQ 0106+354



Observed Spectra

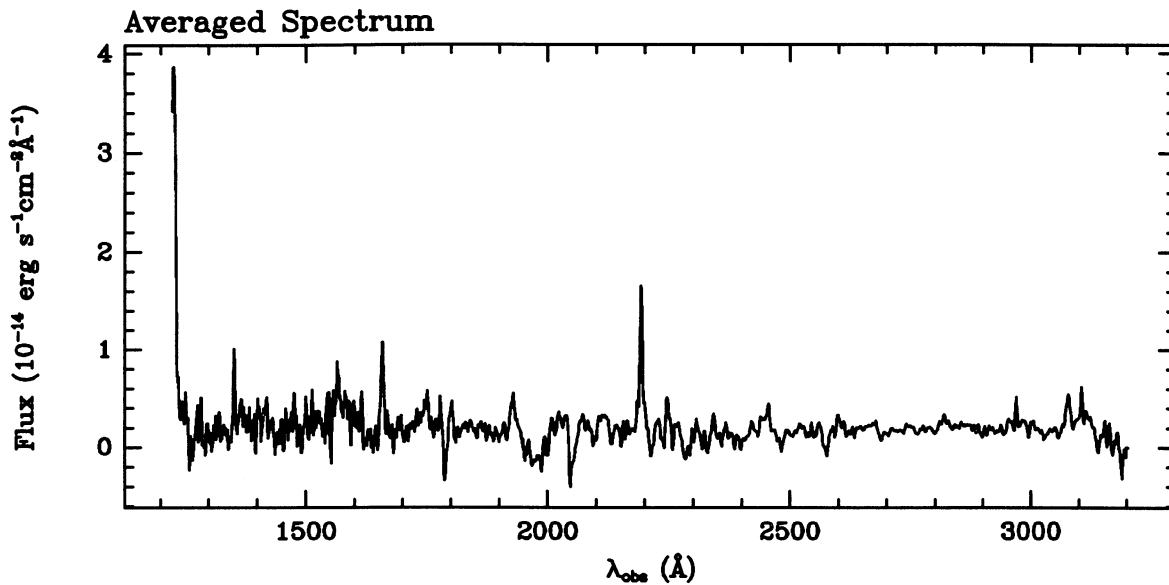
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag
1	LWP 7215 L	46401.0	1 Dec 85	23580.0	42	52.50		0.78	309	D
2	SWP 27232 L	46407.0	7 Dec 85	23100.0	171	214.01	0.00		307	
3	SWP 30281 L	46835.0	8 Feb 87	23700.0	165	226.28	0.44		307	
4	LWP 10099 L	46836.0	9 Feb 87	24900.0	160	219.47		0.55	309	D

References

- 197
- 489

AOO T 0109 -38

Right Ascension	:	1h 09m 09.70s
Declination	:	-38° 20' 59.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.011
Alternative Names	:	NGC 424, ESO 296- 4, Tololo 0109-38
	:	IRAS 01091-3820, MCG -06-03-0026

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 8146 L	44419.0	28 Jun 80	10800.0	33	33.65		0.17	225	
2	SWP 9396 L	44420.0	29 Jun 80	14700.0	53	54.04	0.18		232	
3	LWR 9627 L	44608.0	3 Jan 81	25320.0				0.20	338	
4	SWP 14333 L	44782.0	26 Jun 81	13500.0	34	35.23	0.26		232	
5	SWP 18374 L	45266.0	23 Oct 82	22500.0	43	46.13	0.37		232	

X-Ray Spectra

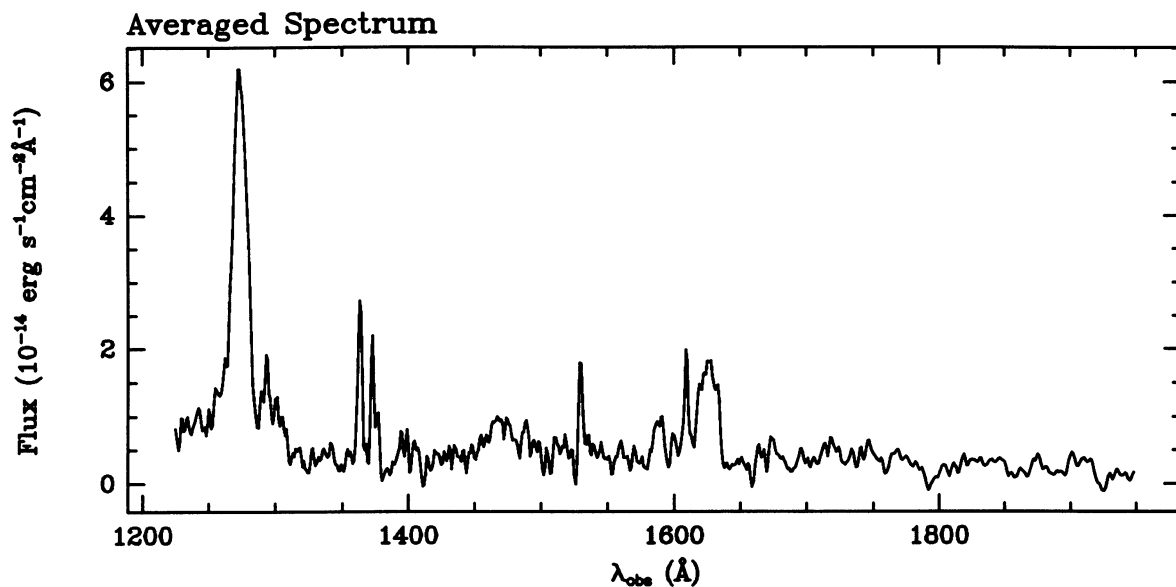
EINSTEIN • 352 • 997

References

453 • 841

MRK 975

Right Ascension	:	1h 11m 12.70s
Declination	:	13° 00' 27.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.050
Alternative Names	:	MCG+02-04-0014, UGC 774
	:	IRAS 01112+1300, EQ 0111+130

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1312 Å	2310 Å	CEB	Flag
1	SWP 32357 L	47118.0	18 Nov 87	17160.0			0.43		342	
2	SWP 32367 L	47120.0	20 Nov 87	21240.0			1.01		353	

X-Ray Spectra

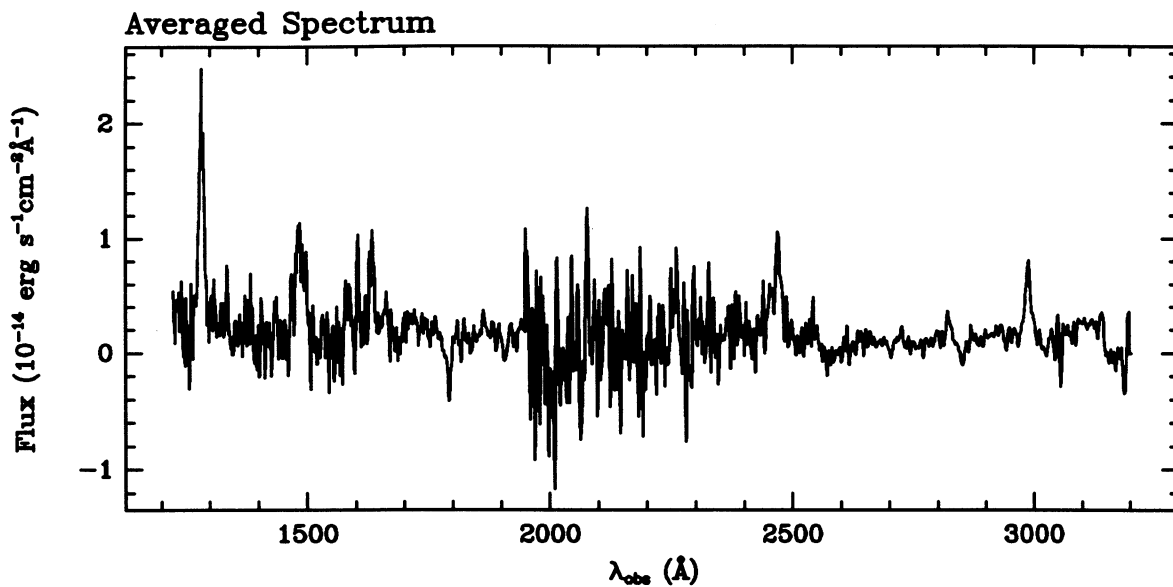
EINSTEIN	• 99	• 313	• 338	• 1035
EXOSAT	• 302	• 912	• 918	

References

• 135	• 145	• 205	• 320	• 329	• 394	• 453	• 459
• 707	• 717	• 841	• 903				

MRK 1152

Right Ascension	:	1h 11m 21.90s
Declination	:	-15° 06' 39.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.052
Alternative Names	:	EQ 0111-151, H 0111-14.9

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1815 Å	2314 Å	CEB	Flag
1	SWP 18956 L	45341.0	6 Jan 83	10440.0			0.39		231	
2	LWP 9953 L	46814.0	18 Jan 87	13080.0				0.24	332	D
3	SWP 30119 L	46815.0	19 Jan 87	13200.0			0.33		332	

X-Ray Spectra

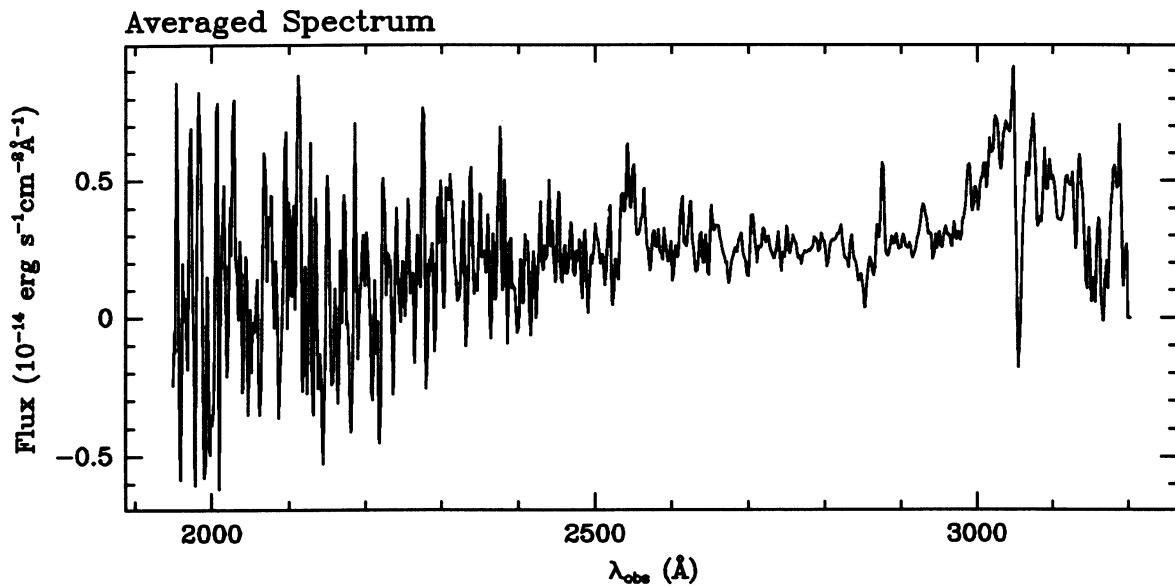
EINSTEIN • 1205
EXOSAT • 926

References

• 205 • 717 • 776

PG 0117+213

Right Ascension	:	1h 17m 34.70s
Declination	:	21° 18' 04.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.493
Alternative Names	:	QSO 0117+213

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 9720 L	46782.0	17 Dec 86	24300.0				0.49	349	D

X-Ray Spectra

EINSTEIN • 664

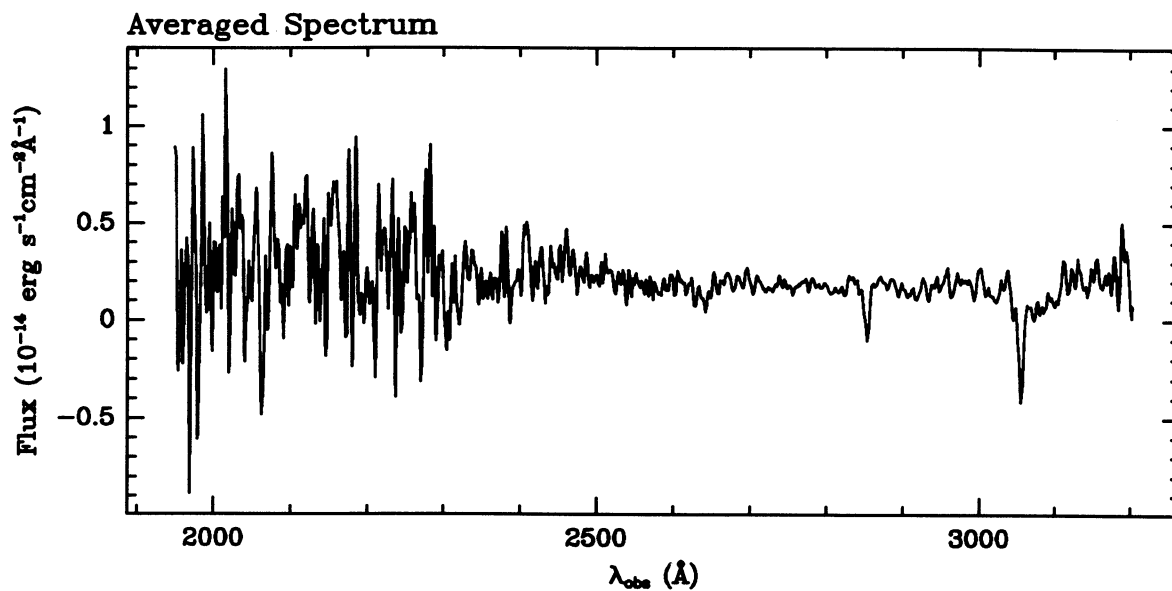
EXOSAT • 937

References

• 460 • 621 • 776 • 801 • 832 • 842

ESOB 296-IG11

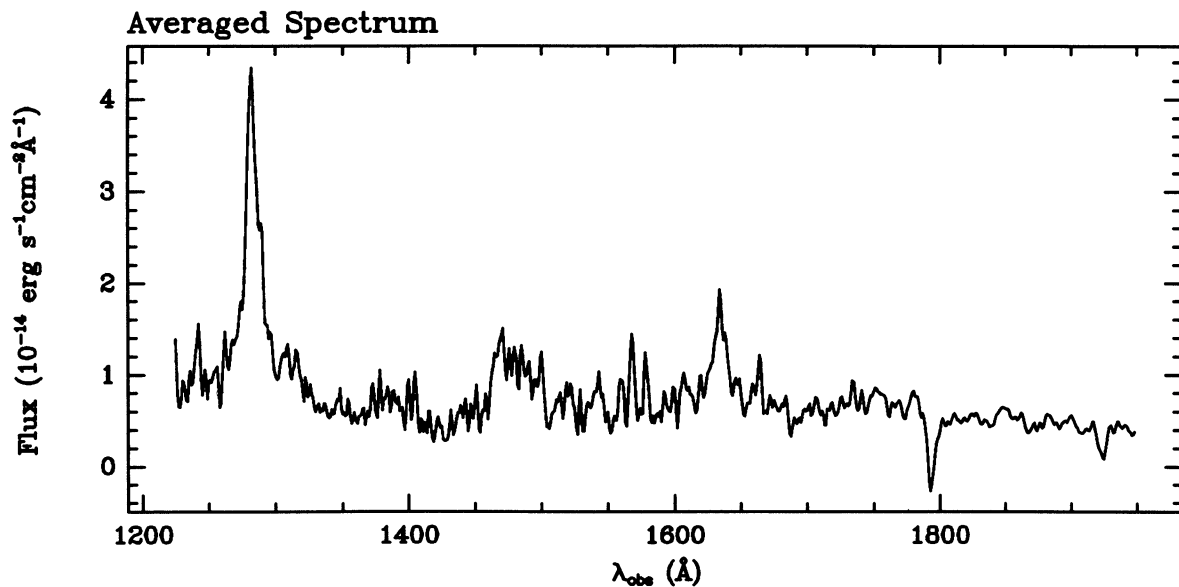
Right Ascension	:	1h 17m 43.00s
Declination	:	-41° 29' 54.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.019
Alternative Names	:	Ag-6, MCG-07-03-0016

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	LWP	13984	L	47408.0	3 Sep 88	23786.0						
2	LWP	14382	L	47470.0	4 Nov 88	24720.0				0.24	0.37	309 309

MCG +00-04-0098

Right Ascension	: 1h 19m 26.00s
Declination	: - 1° 17' 48.0"
Object Type	: Seyfert 1
ULDA Type	: 85
Redshift	: 0.054
Alternative Names	: UM 317, ZW II 1, IRAS 01194-0118
	: MRK 1503, QSO 0119-013

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1317 Å	2318 Å	CEB	Flag
1	SWP 17219 L	45136.0	15 Jun 82	23220.0			0.62		336	
2	SWP 17220 L	45136.0	15 Jun 82	20400.0			0.63		337	
3	SWP 21664 L	45671.0	2 Dec 83	18000.0			1.28		339	
4	SWP 21675 L	45672.0	3 Dec 83	18000.0			1.17		335	
5	SWP 21676 L	45672.0	3 Dec 83	17160.0			1.10		339	

X-Ray Spectra

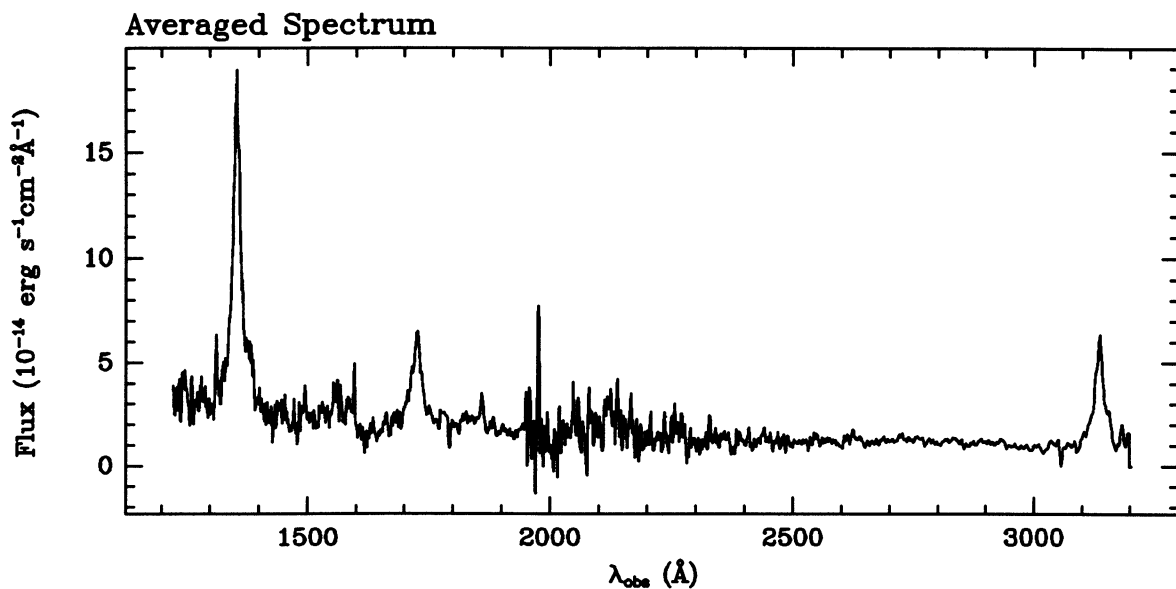
EINSTEIN	• 301	• 318	• 320	• 321
	• 334	• 372	• 379	• 669
	• 676	• 972	• 1023	• 1026
EXOSAT	• 412	• 456	• 1239	

References

- 85 • 284 • 320 • 394 • 474 • 590 • 634 • 669
- 717

GD 1339

Right Ascension	:	1h 19m 31.00s
Declination	:	-28° 36' 42.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.117
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1396 Å	2457 Å	CEB	Flag
1	LWP 7188 L	46396.0	26 Nov 85	5400.0					313	D
2	SWP 27174 L	46396.0	26 Nov 85	4800.0			3.85	1.28	341	

X-Ray Spectra

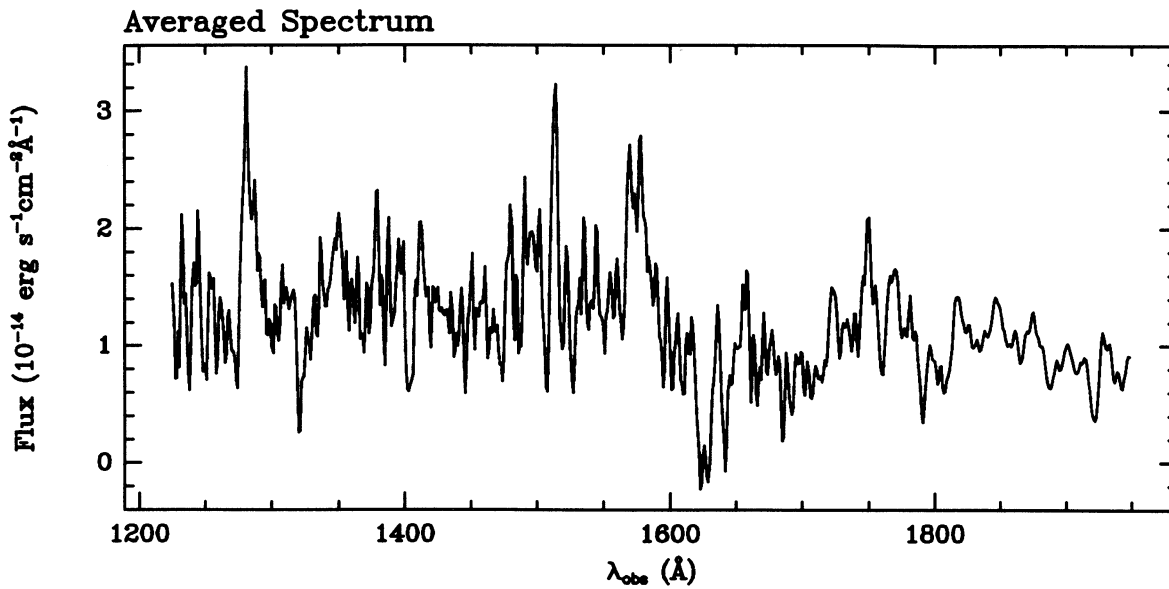
- EINSTEIN • 1002
- EXOSAT • 145 • 1972

References

- 579

MRK 357

Right Ascension	:	1h 19m 56.60s
Declination	:	22° 54' 30.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.053
Alternative Names	:	PG 0119+229, IRAS 01199+2254

**Observed Spectra**

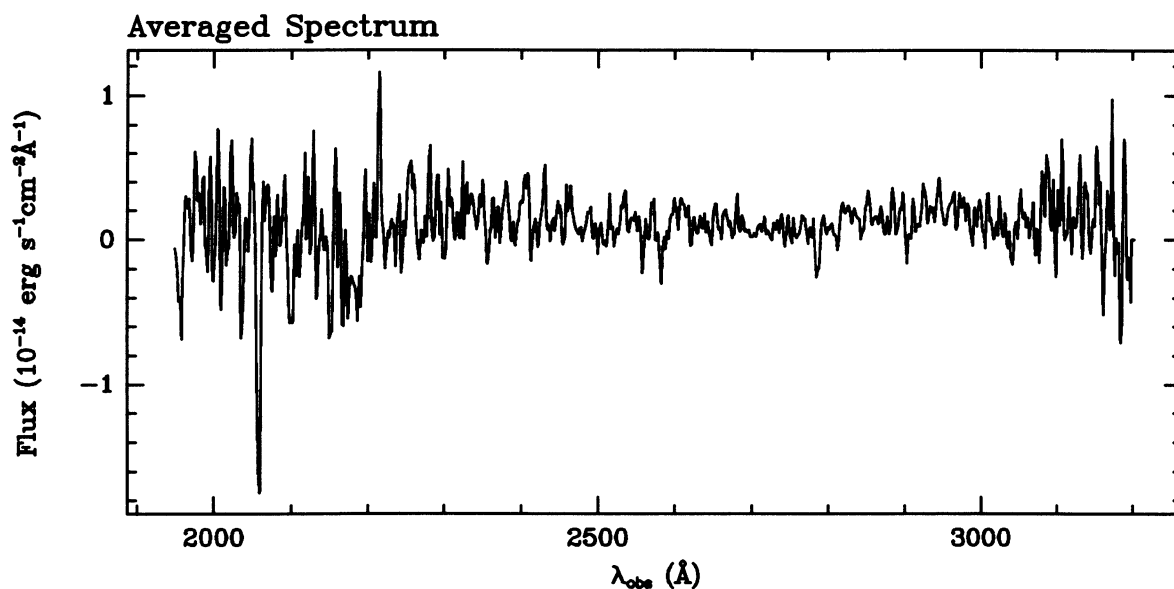
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1316 \AA	2316 \AA	CEB	Flag
1	SWP 18199 L	45246.0	3 Oct 82	23100.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	1.22		338

References

• 145 • 193 • 331 • 665 • 776

NGC 526A

Right Ascension	: 1h 21m 37.00s
Declination	: -35° 19' 32.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.018
Alternative Names	: MCG-06-04-0020, NGC 526, MCG-06-04-0019
	: ESO 352- 66, IRAS 01216-3519, EQ 0121-353



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1272 Å	2239 Å	CEB	Flag
1	LWR 16117 L	45496.0	10 Jun 83	10980.0				0.18		215

X-Ray Spectra

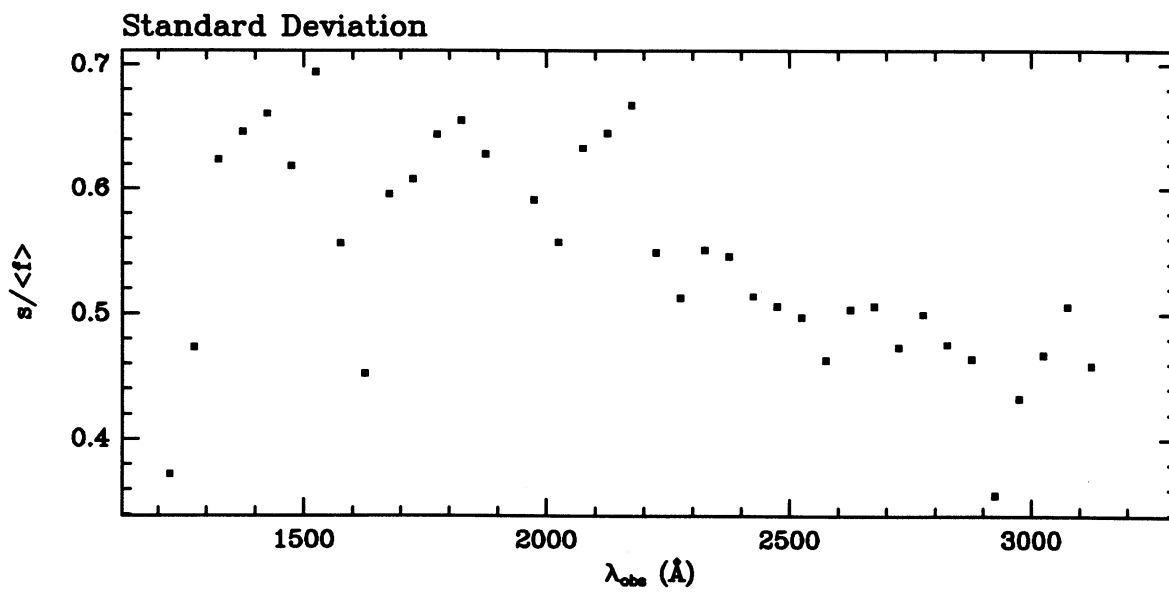
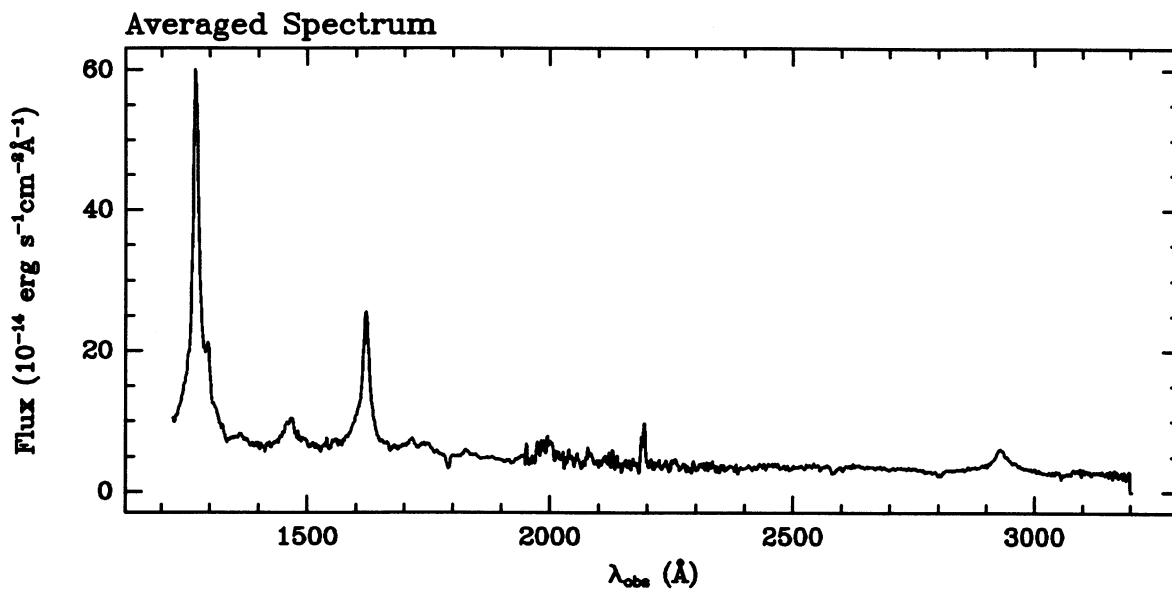
EINSTEIN	• 26	• 356		
EXOSAT	• 144	• 297	• 1305	• 1672
	• 1740	• 1764	• 1883	• 1930

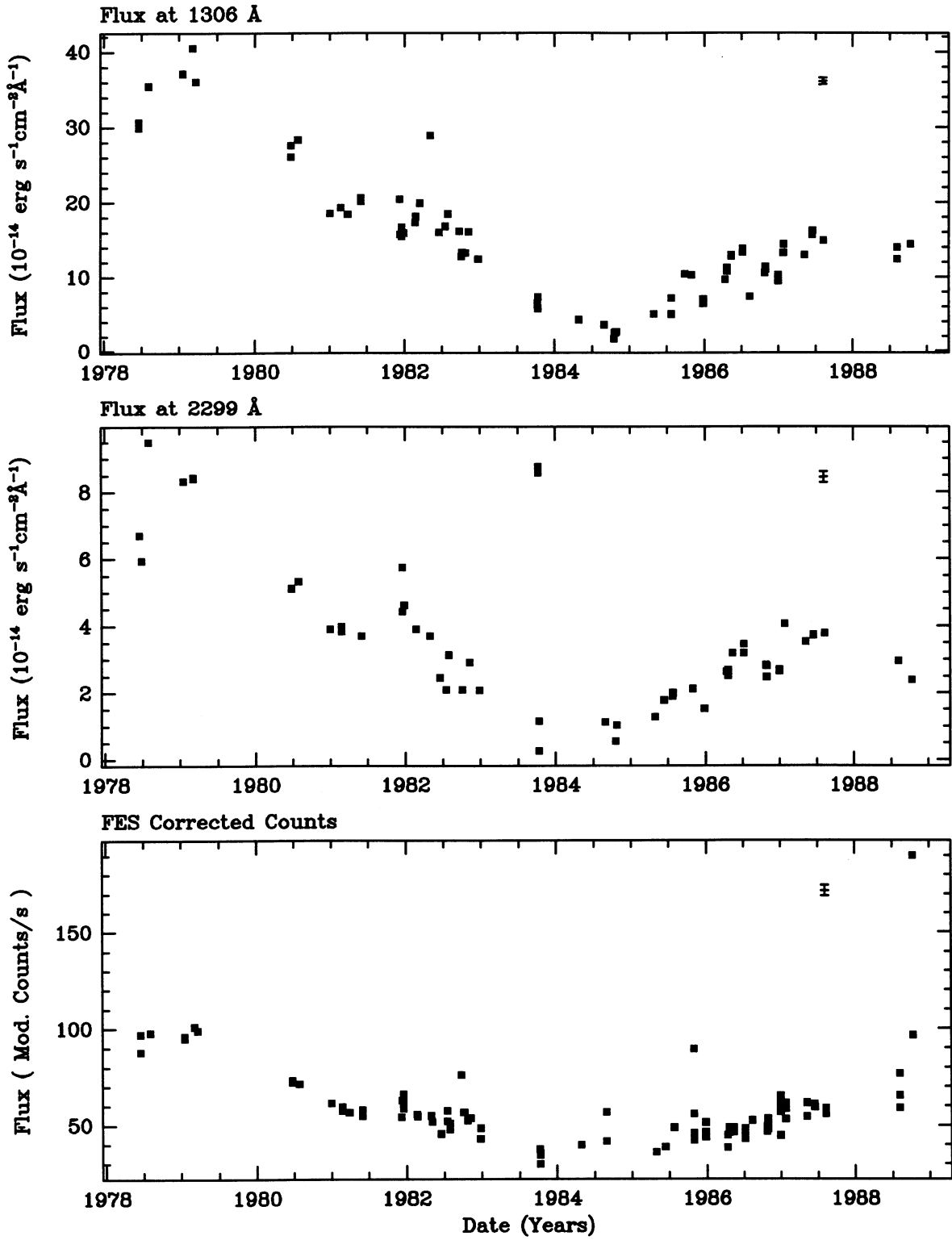
References

- 394 • 607 • 717 • 776

ESOB 113-IG45

Right Ascension	: 1h 21m 51.22s
Declination	: -59° 03' 58.9"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.045
Alternative Names	: FAIRALL 9, QSO 0121-590





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1306 Å	2299 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	1685	L	43678.0	18 Jun 78	2700.0				6.71		
2	SWP	1804	L	43678.0	18 Jun 78	7200.0	96	97.12	30.72			
3	SWP	1805	L	43678.0	18 Jun 78	2700.0	87	88.01	29.94			
4	SWP	1805	S	43678.0	18 Jun 78	900.0						
5	LWR	1744	L	43688.0	28 Jun 78	2700.0				5.95		
6	LWR	1954	L	43723.0	2 Aug 78	2700.0				9.50	56	
7	SWP	2215	L	43726.0	5 Aug 78	7200.0	97	98.08	35.49		57	
8	LWR	3511	L	43892.0	18 Jan 79	2280.0	94	94.99		8.33		
9	SWP	3936	L	43892.0	18 Jan 79	2220.0	95	96.00	37.14			
10	LWR	3959	L	43941.0	8 Mar 79	2700.0				8.41	56	
11	LWR	3960	L	43941.0	8 Mar 79	1500.0	100	101.06		8.43	55	
12	SWP	4539	L	43941.0	8 Mar 79	2700.0	100	101.06	40.55		56	
13	SWP	4732	L	43956.0	23 Mar 79	1800.0	98	99.05	36.06		35	
14	LWR	8114	L	44414.0	23 Jun 80	1620.0				5.13	305	
15	SWP	9353	L	44414.0	23 Jun 80	2100.0	72	73.40	26.10		3x9	
16	SWP	9354	L	44414.0	23 Jun 80	1500.0	71	72.38	27.58		349	
17	LWR	8382	L	44449.0	28 Jul 80	2100.0	70	71.44		5.34	401	
18	SWP	9616	L	44449.0	28 Jul 80	1500.0			28.37		351	
19	LWR	9615	L	44605.0	31 Dec 80	1800.0				3.91	401	
20	SWP	10941	L	44606.0	1 Jan 81	1500.0	60	61.62	18.58		351	
21	SWP	10947	S	44607.0	2 Jan 81	7200.0					372	
22	LWR	10000	L	44659.0	23 Feb 81	1800.0	58	59.71		3.85	451	
23	SWP	13351	L	44659.0	23 Feb 81	8100.0	56	57.65	19.35		3x2	
24	LWR	10002	L	44660.0	24 Feb 81	5400.0				3.98	442	
25	SWP	13616	L	44694.0	30 Mar 81	2400.0	55	56.72	18.43		351	
26	LWR	10761	L	44758.0	2 Jun 81	6300.0				3.71	442	
27	SWP	14157	L	44758.0	2 Jun 81	5400.0	56	57.95	20.62		3x2	
28	SWP	14158	L	44758.0	2 Jun 81	3600.0	53	54.84	20.20		332	
29	SWP	15689	L	44948.0	9 Dec 81	3600.0	52	54.43	20.45		351	
30	SWP	15703	L	44949.0	10 Dec 81	720.0	60	62.81	15.75		240	
31	LWR	12166	L	44957.0	18 Dec 81	2400.0	59	61.79		4.44	433	
32	LWR	12167	L	44957.0	18 Dec 81	1020.0	57	59.70		5.75	233	
33	SWP	15794	L	44957.0	18 Dec 81	2700.0	63	65.98	16.73		370	
34	SWP	15795	L	44957.0	18 Dec 81	1200.0	56	58.65	15.47		250	
35	LWR	12226	L	44966.0	27 Dec 81	2400.0				4.62	402	
36	SWP	15890	L	44966.0	27 Dec 81	1500.0			15.94		531	
37	LWR	12662	L	45023.0	22 Feb 82	2400.0				3.91	354	
38	SWP	16410	L	45023.0	22 Feb 82	2400.0	53	55.76	17.37		351	
39	SWP	16426	L	45026.0	25 Feb 82	2400.0	52	54.72	18.13		352	
40	SWP	16559	L	45046.0	17 Mar 82	3600.0			19.94		3x2	
41	LWR	13123	L	45091.0	1 May 82	3000.0	52	54.99		3.71	453	
42	SWP	16890	L	45095.0	5 May 82	5400.0	49	51.83	28.91		571	
43	LWR	13514	L	45138.0	17 Jun 82	3600.0				2.47	343	
44	SWP	17249	L	45139.0	18 Jun 82	4200.0	43	45.64	16.01		360	
45	LWR	13714	L	45170.0	19 Jul 82	6300.0	54	57.46		2.10	349	
46	SWP	17446	L	45170.0	19 Jul 82	8100.0	49	52.14	16.84		3x4	
47	LWR	13801	L	45181.0	30 Jul 82	5400.0	45	47.93		3.15	553	
48	SWP	17521	L	45181.0	30 Jul 82	3600.0	48	51.12	18.49		631	
49	SWP	18094	L	45237.0	24 Sep 82	2400.0	71	75.98	16.18		3x9	
50	LWR	14334	L	45247.0	4 Oct 82	960.0				2.10	332	
51	SWP	18202	L	45247.0	4 Oct 82	2400.0	53	56.77	12.80		332	
52	SWP	18242	L	45251.0	8 Oct 82	2400.0	53	56.79	13.32		351	
53	SWP	18382	L	45267.0	24 Oct 82	2700.0	49	52.58	13.28		3x4	
54	LWR	14585	L	45282.0	8 Nov 82	3000.0				2.93	442	
55	SWP	18506	L	45282.0	8 Nov 82	3000.0	50	53.72	16.12		361	
56	SWP	18891	L	45329.0	25 Dec 82	8100.0	40	43.16	12.44		3x7	
57	LWR	14908	L	45330.0	26 Dec 82	4200.0	45	48.56		2.09	336	
58	LWP	2020	L	45617.0	9 Oct 83	3000.0				8.76	342	D
59	LWP	2021	L	45617.0	9 Oct 83	3480.0				8.58	342	D
60	SWP	21260	L	45617.0	9 Oct 83	3000.0			6.34		252	
61	SWP	21261	L	45617.0	9 Oct 83	6900.0	34	37.80	6.55		362	
62	LWP	2037	L	45621.0	13 Oct 83	7200.0	31	34.48		1.16	460	D
63	LWP	2038	L	45621.0	13 Oct 83	2880.0	27	30.03		0.27	340	D
64	SWP	21286	L	45621.0	13 Oct 83	7200.0	32	35.60	5.81		361	
65	SWP	21287	L	45621.0	13 Oct 83	5400.0	31	34.48	7.38		351	
66	SWP	22875	L	45819.0	28 Apr 84	1800.0	35	39.90	4.30		332	

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1306 Å	2299 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
67	LWP	4106	L	45943.0	30 Aug 84	3600.0	36	41.74		1.13	342	D
68	SWP	23824	L	45943.0	30 Aug 84	4500.0	49	56.81	3.60		251	
69	SWP	24193	L	45991.0	17 Oct 84	2880.0			1.69		241	
70	LWP	4603	L	45995.0	21 Oct 84	3848.0				0.56	333	D
71	SWP	24254	L	45995.0	21 Oct 84	5400.0			2.56		342	
72	LWP	4639	L	45999.0	25 Oct 84	7200.0				1.03	352	D
73	SWP	24291	L	45999.0	25 Oct 84	7200.0			2.57		352	
74	SWP	24345	L	46003.0	29 Oct 84	5460.0			2.66		351	
75	LWP	5872	L	46187.0	1 May 85	12480.0				1.29	671	D
76	SWP	25825	L	46187.0	1 May 85	9000.0	30	36.11	5.07		361	
77	LWP	6201	L	46230.0	13 Jun 85	7560.0	32	38.79		1.79	573	D
78	LWP	6491	L	46272.0	25 Jul 85	6000.0	40	48.84		1.90	464	D
79	SWP	26479	L	46272.0	25 Jul 85	7200.0	40	48.84	5.05		351	
80	SWP	26480	L	46272.0	25 Jul 85	6600.0	40	48.84	7.21		351	
81	LWP	6492	L	46273.0	26 Jul 85	4800.0	40	48.85		2.00	454	D
82	SWP	26774	L	46337.0	28 Sep 85	10800.0			10.48		472	
83	LWP	7022	L	46371.0	1 Nov 85	4380.0	72	89.49		2.12	452	D
84	LWP	7023	L	46371.0	1 Nov 85	4140.0	34	42.26		2.14	452	D
85	SWP	27007	L	46371.0	1 Nov 85	10200.0	45	55.93			372	
86	SWP	27008	L	46371.0	1 Nov 85	4980.0	37	45.99	10.33		362	
87	LWP	7396	L	46427.0	27 Dec 85	4200.0	41	51.50		1.54	353	D
88	LWP	7397	L	46427.0	27 Dec 85	2400.0	36	45.22		1.54	342	D
89	SWP	27399	L	46427.0	27 Dec 85	4200.0	35	43.96	6.47		351	
90	SWP	27400	L	46427.0	27 Dec 85	9780.0	37	46.47	7.07		361	
91	LWP	8017	L	46534.0	13 Apr 86	4200.0	30	38.48		2.64	453	D
92	SWP	28160	L	46534.0	13 Apr 86	4200.0	35	44.90	9.73		351	
93	LWP	8080	L	46543.0	22 Apr 86	3000.0	38	48.84		2.69	341	D
94	LWP	8081	L	46543.0	22 Apr 86	6900.0	36	46.26		2.53	562	D
95	SWP	28212	L	46543.0	22 Apr 86	3000.0	37	47.55	10.84		340	
96	SWP	28213	L	46543.0	22 Apr 86	9000.0	36	46.26	11.30		461	
97	LWP	8197	L	46565.0	14 May 86	2400.0	37	47.76		3.20	342	D
98	SWP	28306	L	46565.0	14 May 86	3600.0	36	46.47	12.81		351	
99	SWP	28307	L	46565.0	14 May 86	7200.0	38	49.06	13.03		3x3	
100	LWP	8562	L	46619.0	7 Jul 86	6000.0	37	48.31		3.20	564	D
101	SWP	28632	L	46619.0	7 Jul 86	7200.0	33	43.09	13.80		462	
102	LWP	8563	L	46620.0	8 Jul 86	3600.0	35	45.71		3.46	453	D
103	SWP	28633	L	46620.0	8 Jul 86	6000.0	35	45.71	13.36		362	
104	SWP	28891	L	46654.0	11 Aug 86	4200.0	40	52.62	7.42		350	
105	LWP	9408	L	46729.0	25 Oct 86	1800.0	35	46.82		2.84	331	D
106	SWP	29528	L	46729.0	25 Oct 86	3600.0	37	49.49	10.58		350	
107	LWP	9425	L	46732.0	28 Oct 86	3600.0	36	48.19		2.48	345	D
108	LWP	9426	L	46732.0	28 Oct 86	9600.0	40	53.54		2.81	xx6	D
109	SWP	29544	L	46732.0	28 Oct 86	2700.0	37	49.53	11.11		331	
110	SWP	29545	L	46732.0	28 Oct 86	7200.0	38	50.86	11.39		356	
111	LWP	9823	L	46795.0	30 Dec 86	1800.0	48	65.19		2.71	341	D
112	LWP	9824	L	46795.0	30 Dec 86	3600.0	42	57.04		2.67	451	D
113	SWP	29990	L	46795.0	30 Dec 86	3000.0	45	61.12	9.49		350	
114	SWP	29991	L	46795.0	30 Dec 86	10800.0	42	57.04	10.29		471	
115	SWP	29992	L	46795.0	30 Dec 86	3300.0	33	44.82	9.91		351	
116	SWP	30152	L	46820.0	24 Jan 87	3900.0	39	53.28	13.29		350	
117	LWP	10017	L	46821.0	25 Jan 87	3600.0	45	61.50		4.07	353	D
118	SWP	30160	L	46821.0	25 Jan 87	9000.0	43	58.76	14.42		362	
119	LWP	10713	L	46924.0	8 May 87	1800.0	44	61.68		3.53	342	D
120	SWP	30933	L	46924.0	8 May 87	3000.0	39	54.67	13.01		350	
121	LWP	11027	L	46963.0	16 Jun 87	3900.0	42	59.47		3.73	451	D
122	SWP	31175	L	46963.0	16 Jun 87	3000.0	43	60.88	15.69		350	
123	SWP	31176	L	46964.0	17 Jun 87	6000.0	42	59.48	16.27		461	
124	LWP	11377	L	47019.0	11 Aug 87	3300.0	39	56.04		3.78	451	D
125	SWP	31541	L	47019.0	11 Aug 87	3000.0	41	58.92	14.91		350	
126	LWP	13799	L	47381.0	7 Aug 88	3600.0	41	65.65		2.96	451	
127	SWP	34052	L	47381.0	7 Aug 88	3600.0	48	76.86	12.47		360	
128	SWP	34053	L	47381.0	7 Aug 88	5400.0	37	59.25	14.06		361	
129	LWP	14217	L	47448.0	13 Oct 88	1500.0	59	96.65		2.40	342	
130	SWP	34466	L	47448.0	13 Oct 88	3000.0	116	190.03	14.47		350	

X-Ray Spectra

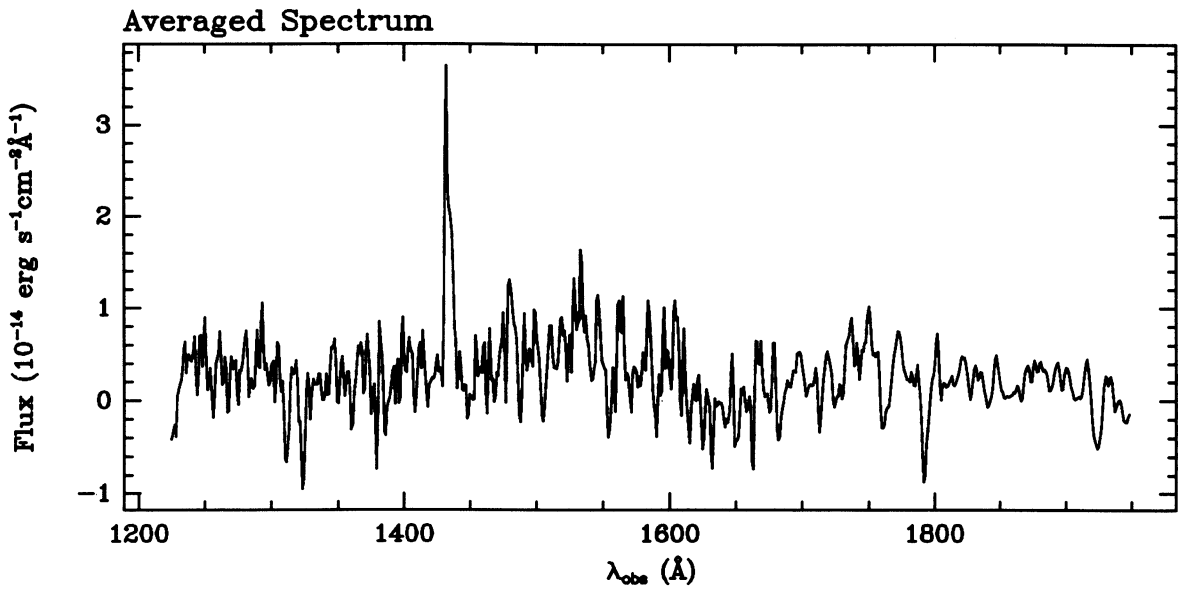
EINSTEIN	• 8	• 230	• 309	• 578
	• 630	• 944		
EXOSAT	• 142	• 220	• 226	• 231
	• 236	• 241	• 1131	• 1137
	• 1142	• 1145	• 1153	• 1238
	• 1723			

References

• 11	• 57	• 85	• 100	• 101	• 111	• 112	• 118
• 121	• 179	• 244	• 253	• 261	• 284	• 296	• 310
• 320	• 338	• 348	• 359	• 393	• 394	• 434	• 436
• 449	• 464	• 466	• 518	• 539	• 590	• 662	• 669
• 672	• 737	• 758	• 797	• 804	• 816	• 818	• 828
• 833	• 845	• 857	• 877	• 893	• 899	• 908	• 932

AOO PKS 0123-16

Right Ascension	:	1h 23m 14.20s
Declination	:	- 1° 37' 54.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.018
Alternative Names	:	MINKOWSKI OBJECT



Observed Spectra

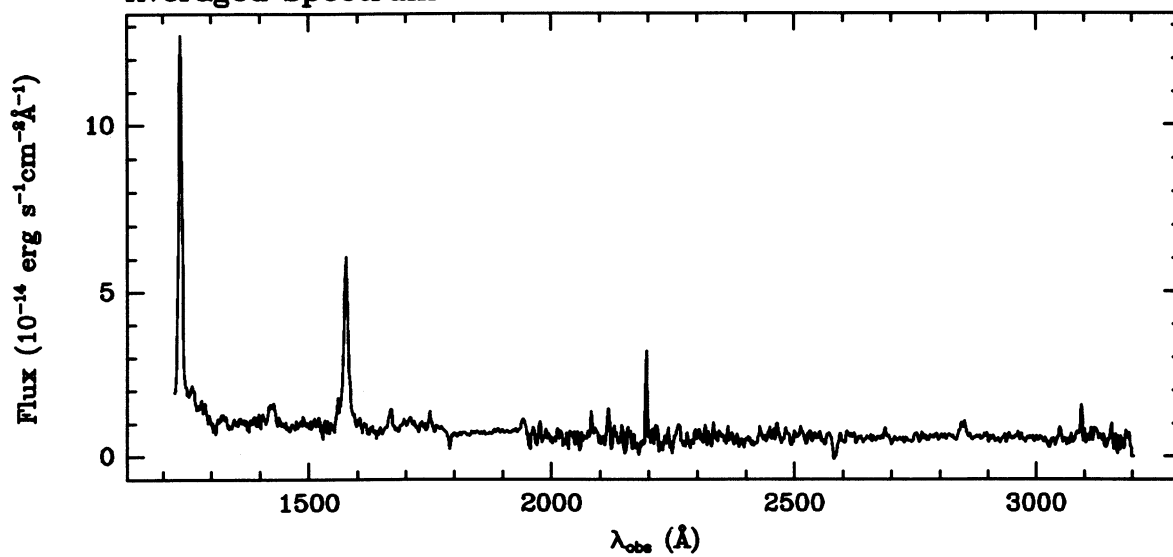
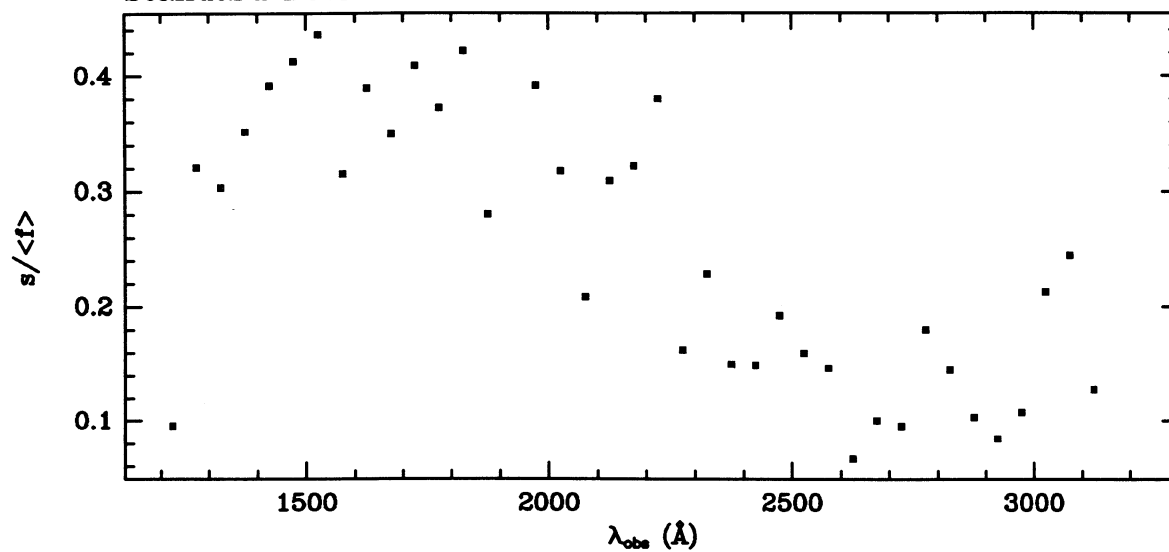
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1272 Å	2239 Å	CEB	Flag
1	SWP 27635 L	46461.0	30 Jan 86	10800.0			0.35			309
2	SWP 28626 L	46619.0	7 Jul 86	19200.0			0.38			306

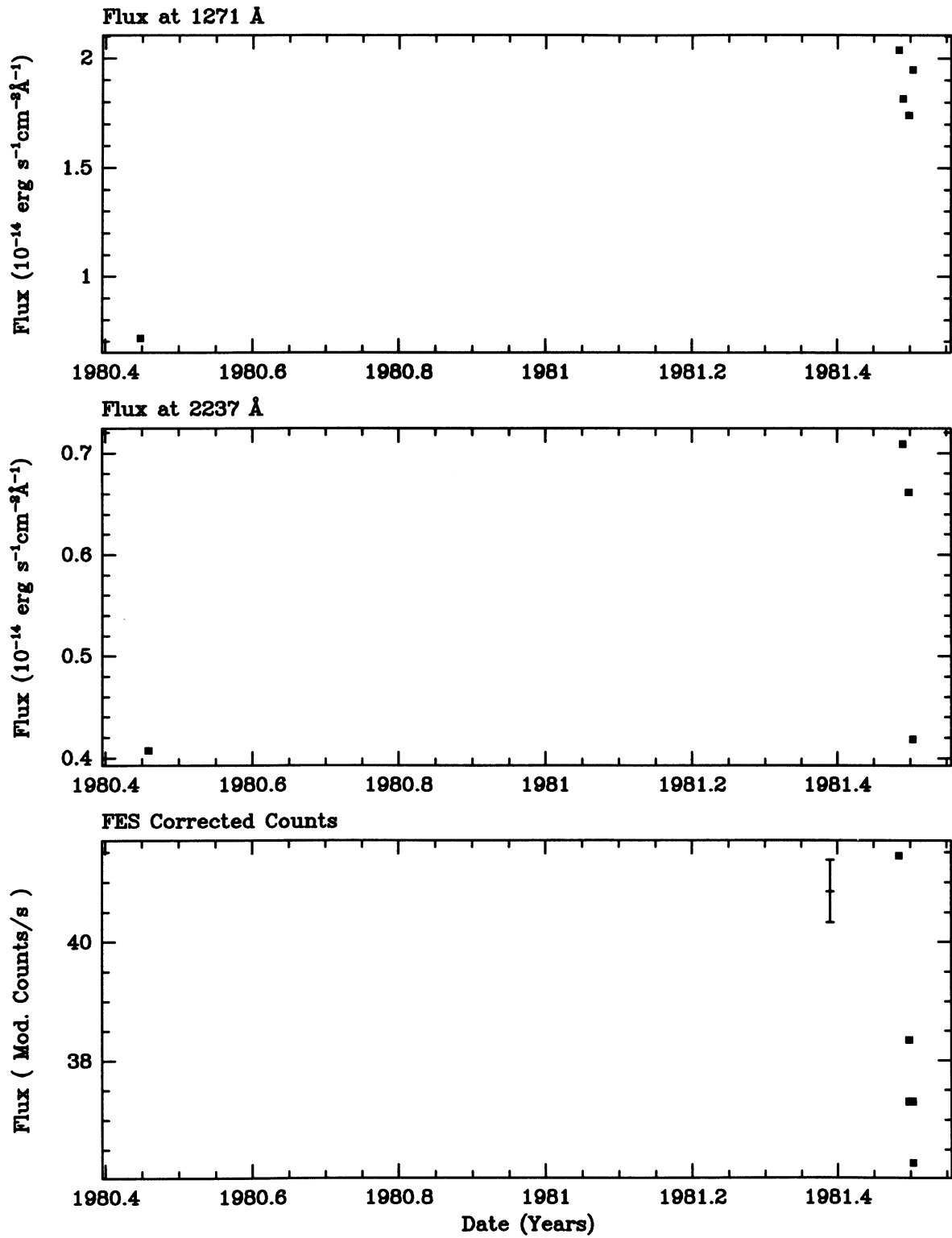
References

- 648

MRK 359

Right Ascension	: 1h 24m 50.10s
Declination	: 18° 55' 07.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.017
Alternative Names	: UGC 1032, MCG+03-04-0041, IRAS 01248+1855
	: EQ 0124+189, IRAS 0125+189

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	9263	L	44403.0	12 Jun 80	19200.0			0.72			336
2	LWR	8052	L	44407.0	16 Jun 80	18600.0				0.41		347
3	SWP	14334	L	44782.0	26 Jun 81	24000.0	40	41.44	2.04			3x7
4	LWR	10962	L	44784.0	28 Jun 81	9000.0				0.71		335
5	SWP	14350	L	44784.0	28 Jun 81	15900.0			1.82			354
6	LWR	10981	L	44787.0	1 Jul 81	9600.0	36	37.31		0.66		335
7	SWP	14368	L	44787.0	1 Jul 81	15000.0	37	38.35	1.74			344
8	LWR	10997	L	44789.0	3 Jul 81	10800.0	35	36.28		0.42		344
9	SWP	14387	L	44789.0	3 Jul 81	15000.0	36	37.31	1.95			354

X-Ray Spectra

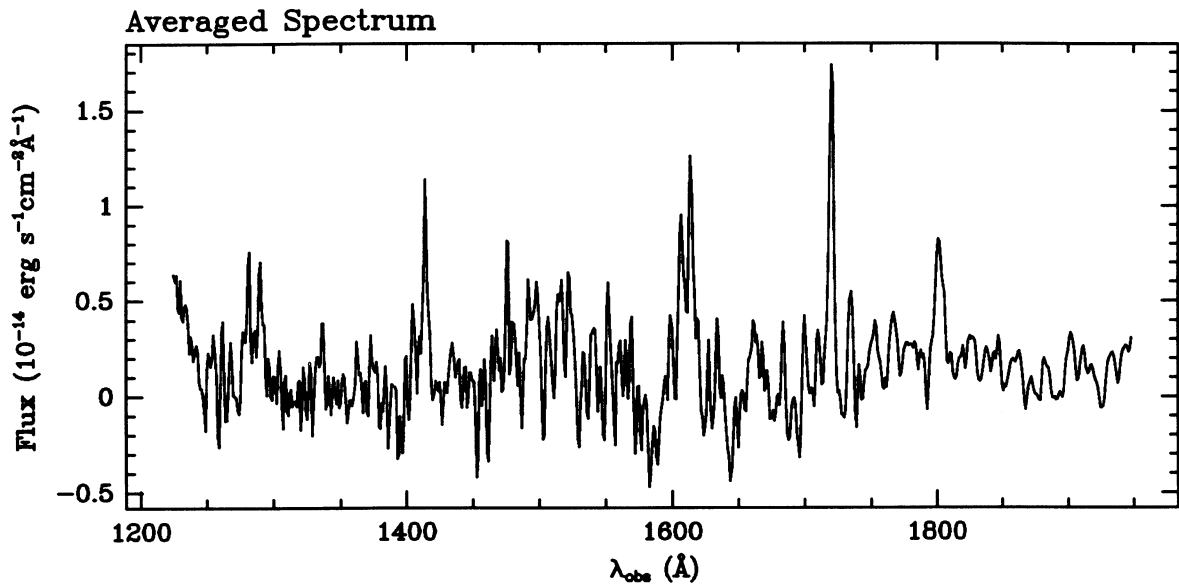
EINSTEIN	• 96	• 385	• 653	• 660
	• 668	• 1176		
EXOSAT	• 984			

References

• 145	• 146	• 151	• 163	• 205	• 329	• 428	• 435
• 453	• 717	• 769	• 816	• 822	• 843	• 903	

NGC 622

Right Ascension	:	1h 33m 25.90s
Declination	:	0° 24' 32.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	0.018
Alternative Names	:	UGC 1143, MCG+00-05-0014
	:	MRK 571, UM 343

**Observed Spectra**

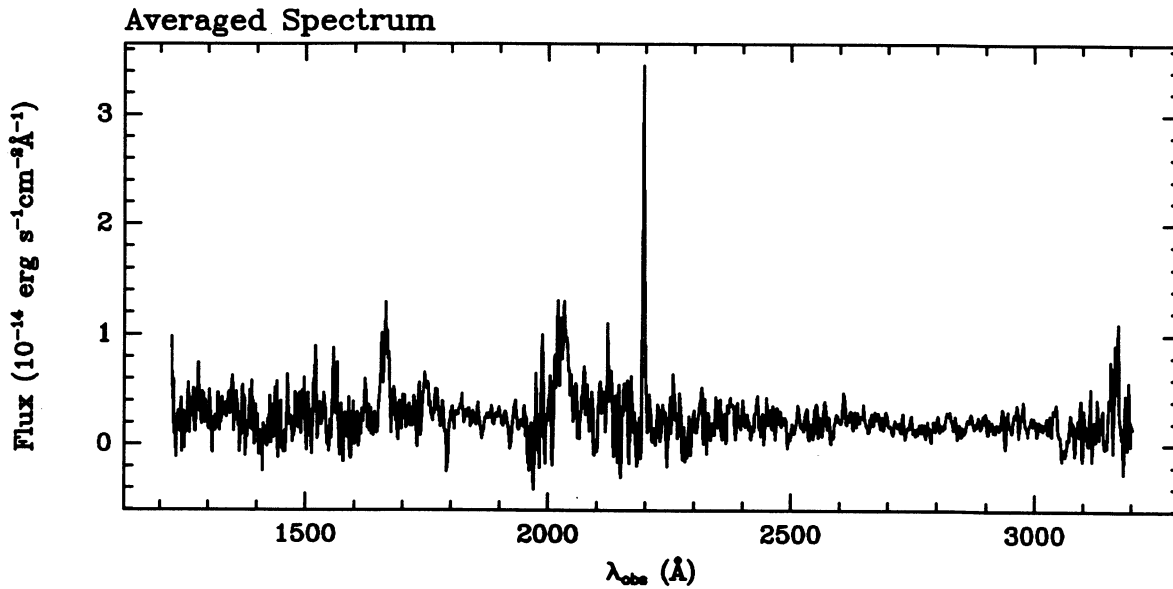
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1272 Å	2239 Å	CEB	Flag
1	SWP 26574 L	46286.0	8 Aug 85	16620.0			0.19			212

X-Ray Spectra

EINSTEIN	• 319	• 378	• 682	• 1021
	• 1197			
EXOSAT	• 461			

QSO 0134+329

Right Ascension	:	1h 34m 49.82s
Declination	:	32° 54' 20.2"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.367
Alternative Names	:	3C 48, 4C 32.08, NRAO 79
	:	OC 358, CTA 15, IRAS 01348+3254

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1708 Å	3007 Å	CEB	Flag
1	LWR 14436 L	45261.0	18 Oct 82	7800.0					302	
2	SWP 18328 L	45262.0	19 Oct 82	15600.0			0.27	0.18	339	
3	SWP 34804 L	47489.0	23 Nov 88	24960.0			0.26		332	
4	LWP 14528 L	47491.0	25 Nov 88	24240.0				0.17	303	

X-Ray Spectra

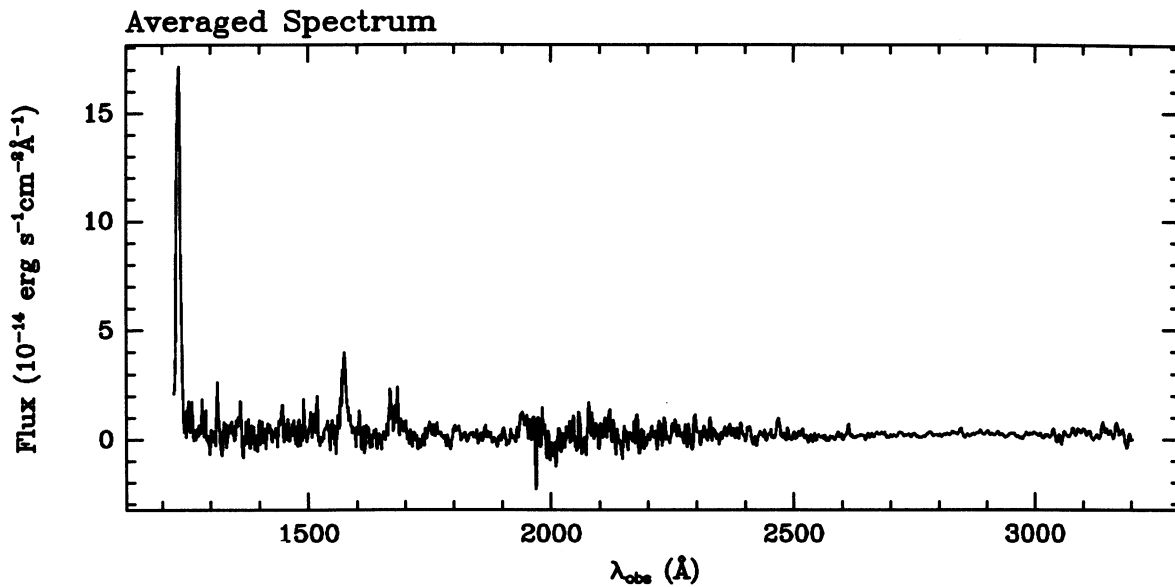
EINSTEIN	• 93	• 663	• 1049	• 1050
EXOSAT	• 1977			

References

- 6 • 8 • 14 • 18 • 85 • 90 • 156 • 189
- 212 • 229 • 280 • 284 • 302 • 320 • 374 • 423
- 432 • 488 • 504 • 556 • 589 • 590 • 603 • 638
- 669 • 701 • 703 • 726 • 729 • 730 • 745 • 766
- 776 • 804 • 823 • 829 • 830 • 849

MRK 573

Right Ascension	:	1h 41m 22.70s
Declination	:	2° 05' 54.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.017
Alternative Names	:	UGC 1214, MCG+00-05-0033, UM 363
	:	IRAS 01413+0205, EQ 0141+020

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
1	LWP 7283 L	46410.0	10 Dec 85	9600.0	32	40.07		0.34	235	D
2	SWP 27247 L	46410.0	10 Dec 85	13500.0	31	38.81	0.56		3x3	
3	SWP 29767 L	46763.0	28 Nov 86	1800.0			0.79		111	

X-Ray Spectra

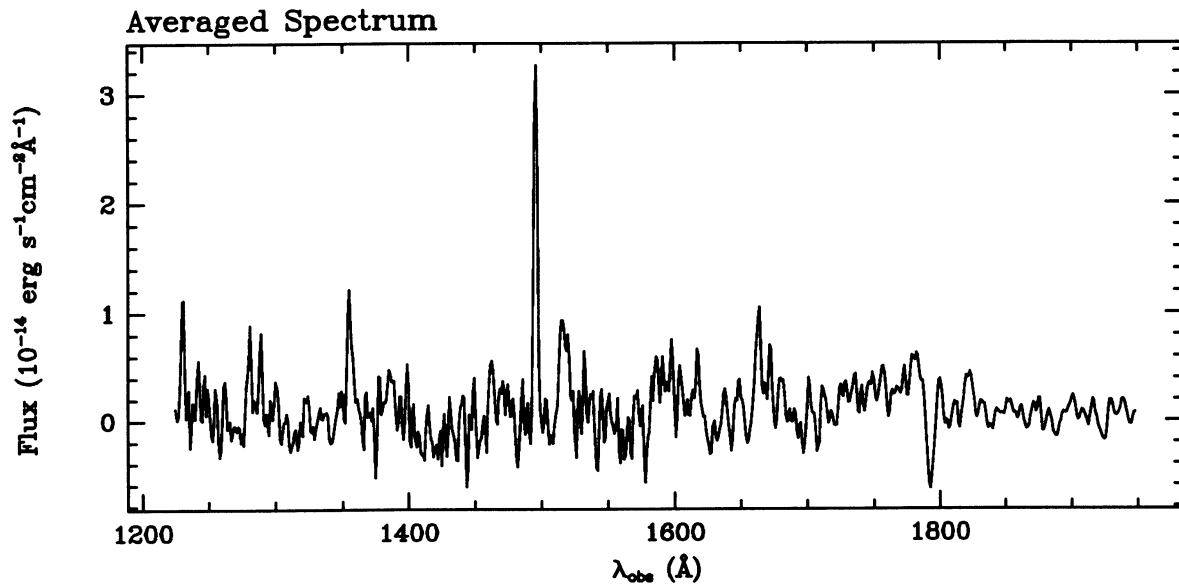
EINSTEIN • 364 • 373 • 393

References

• 93 • 135 • 145 • 164 • 177 • 336 • 394 • 445
 • 637 • 717 • 738

MRK 577

Right Ascension	:	1h 46m 49.60s
Declination	:	12° 15' 40.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	0.042
Alternative Names	:	UGC 1282, MCG+02-05-0046

**Observed Spectra**

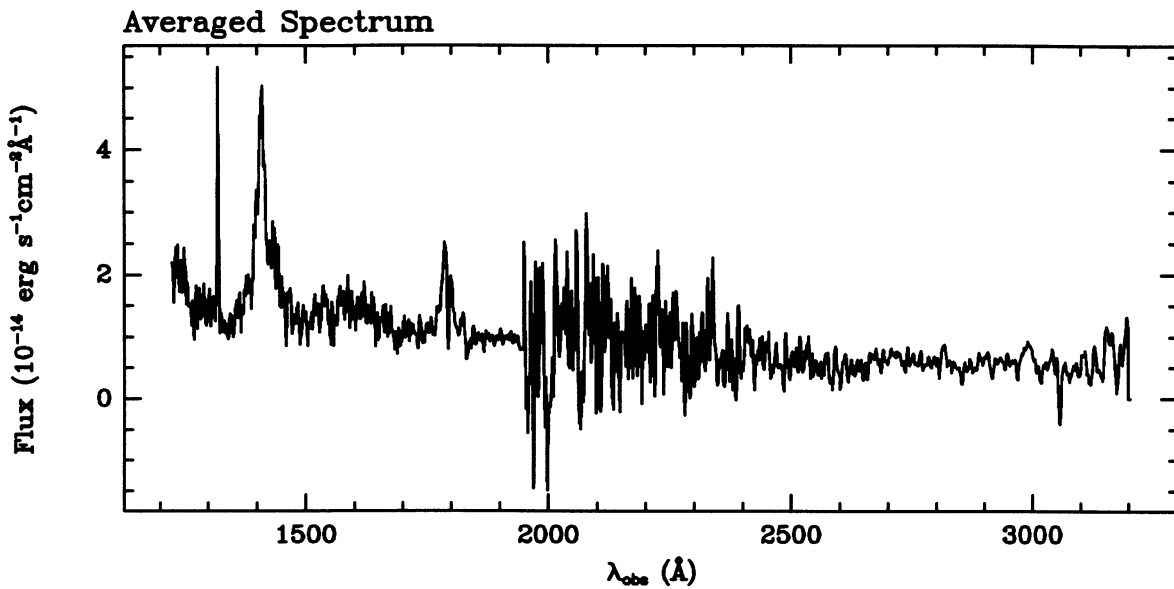
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1302 \AA	2292 \AA	CEB	Flag
1	SWP	18574	L	45290.0	16 Nov 82	21600.0	31	33.33	0.11			209

References

- 205

MRK 1014

Right Ascension	:	1h 57m 15.80s
Declination	:	0° 09' 10.0"
Object Type	:	Quasar S1
ULDA Type	:	84,85
Redshift	:	0.163
Alternative Names	:	PG 0157+001, UM 385
	:	IRAS 01572+0009, QSO 0157+001

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1453 Å	2558 Å	CEB	Flag
1	SWP 26578 L	46287.0	9 Aug 85	16620.0			1.76		342	
2	LWP 10045 L	46826.0	30 Jan 87	6900.0				0.54	305	D

X-Ray Spectra

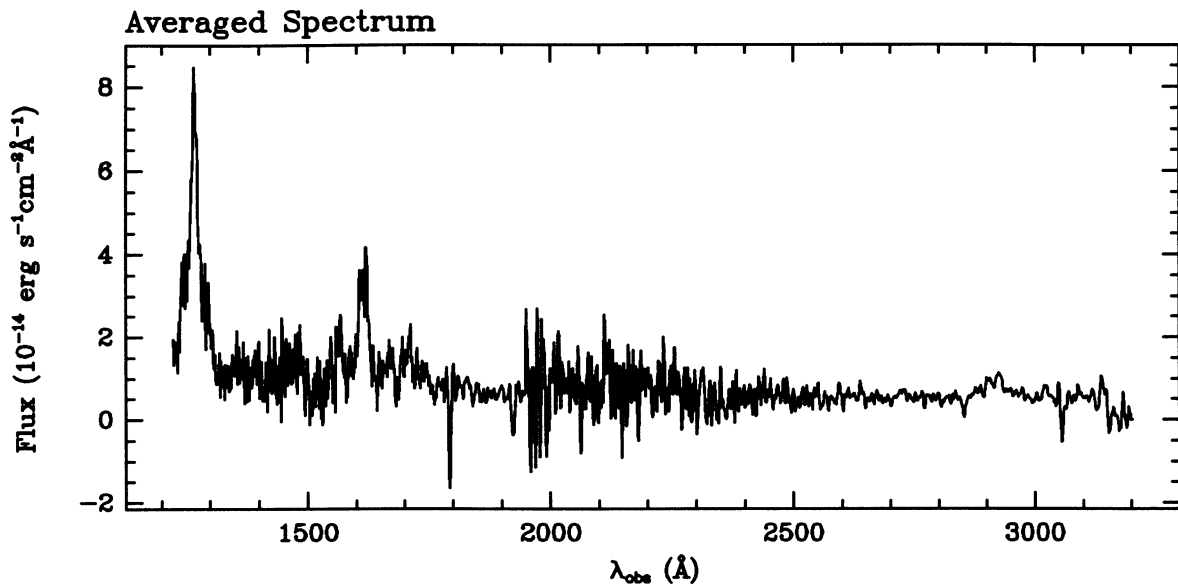
EINSTEIN • 682 • 1022
EXOSAT • 106 • 1338

References

• 135 • 205 • 280 • 603 • 621 • 717 • 801 • 804
• 832

MRK 1018

Right Ascension	:	2h 03m 42.60s
Declination	:	- 0° 31' 47.0"
Object Type	:	Seyfert 1
ULDA Type	:	84,88
Redshift	:	0.043
Alternative Names	:	MCG+00-06-0030, UGC 1597
	:	UM 393, EQ 0203-005

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1303 Å	2294 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 21793 L	45687.0	18 Dec 83	3000.0			1.76		329	
2	SWP 21796 L	45687.0	18 Dec 83	6600.0			2.31		339	
3	SWP 22141 L	45729.0	29 Jan 84	12900.0			2.52		345	
4	SWP 23423 L	45889.0	7 Jul 84	10500.0			2.41		345	
5	SWP 23979 L	45960.0	16 Sep 84	22920.0			1.68		353	
6	LWP 9128 L	46694.0	20 Sep 86	10200.0	35	46.45		0.60	347	D
7	SWP 29256 L	46694.0	20 Sep 86	10800.0			1.50		344	

X-Ray Spectra

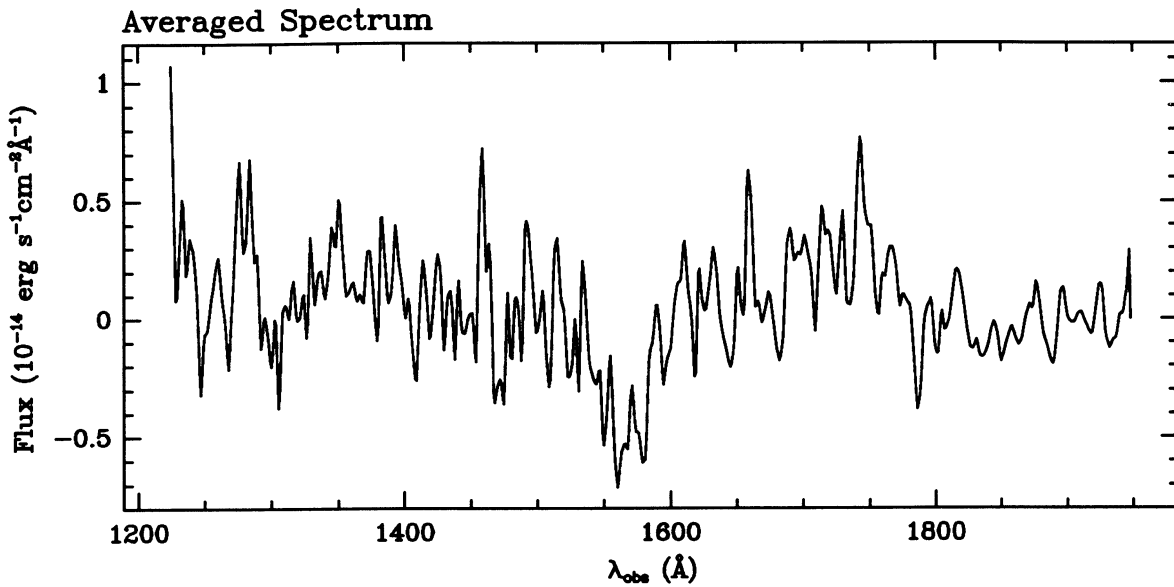
EINSTEIN	• 357	• 369	• 374	• 682
	• 1013	• 1022		
EXOSAT	• 106	• 107	• 461	• 1338

References

- 135
- 380
- 394
- 662
- 703
- 717
- 816

AOO 4C 29.06

Right Ascension	: 2h 04m 08.90s
Declination	: 29° 16' 40.0"
Object Type	: Seyfert 1
ULDA Type	: 86
Redshift	: 0.109
Alternative Names	: B2 0204+29, NRAO 93, OD 206
	: CTD 17, 3C 59



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1386 Å	2439 Å	CEB	Flag
1	SWP 6343 L	44117.0	31 Aug 79	20160.0			0.12		22	

X-Ray Spectra

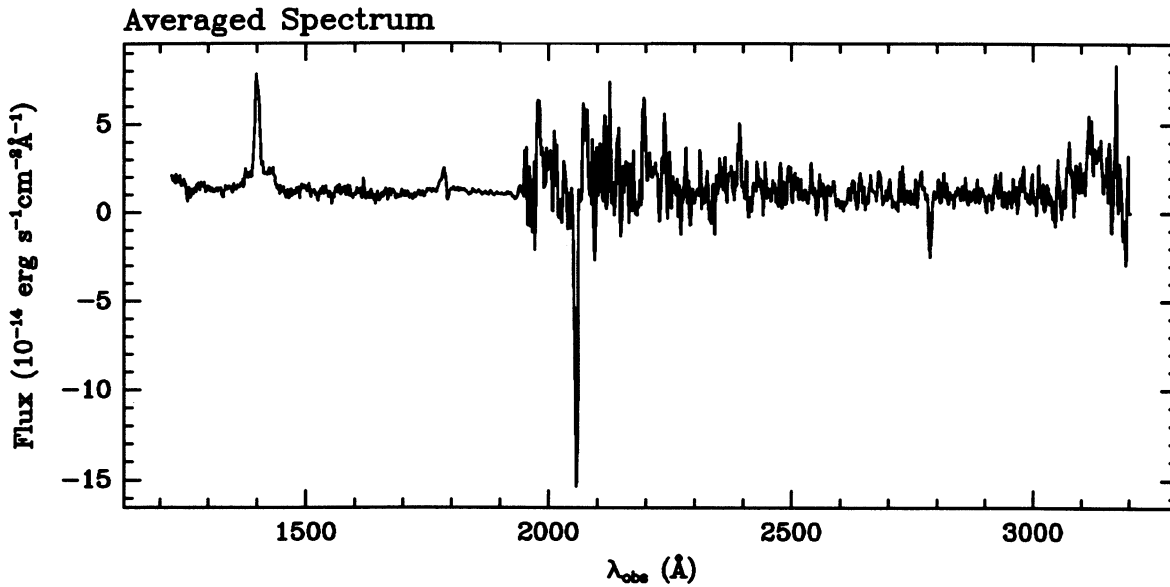
EINSTEIN • 380

References

• 219 • 285 • 320 • 667

MRK 586

Right Ascension	:	2h 05m 14.40s
Declination	:	2° 28' 32.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.155
Alternative Names	:	UM 397, NAB 0205+024
	:	QSO 0205+024, IRAS 0205+024

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1443 Å	2541 Å	CEB	Flag
1	SWP 10090 L	44495.0	12 Sep 80	24600.0			1.77		3x6	
2	LWR 14813 L	45314.0	10 Dec 82	6240.0				0.75	332	
3	SWP 18772 L	45314.0	10 Dec 82	6600.0			1.50		332	
4	LWR 16679 L	45574.0	27 Aug 83	3000.0				1.55	x09	

X-Ray Spectra

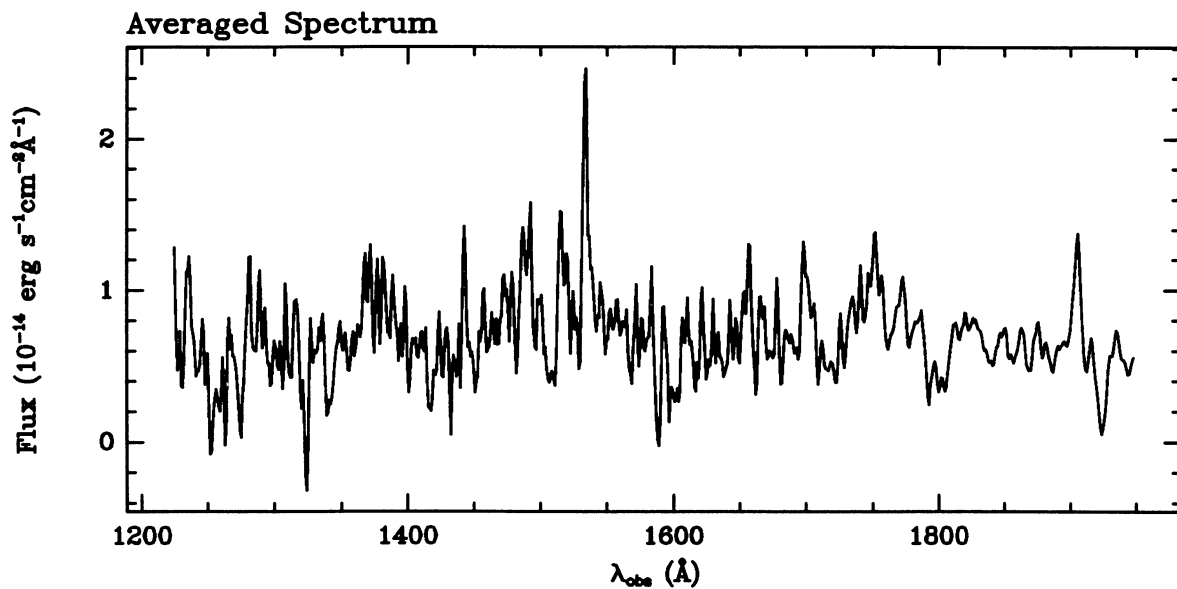
EINSTEIN • 364 • 373

References

• 302 • 354 • 402 • 590 • 603 • 776 • 823 • 879
• 930

IC 214

Right Ascension	:	2h 11m 28.80s
Declination	:	4° 56' 33.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.030
Alternative Names	:	UGC 1720, MCG+01-06-0057
	:	MRK 1027, IRAS 02114+0456

**Observed Spectra**

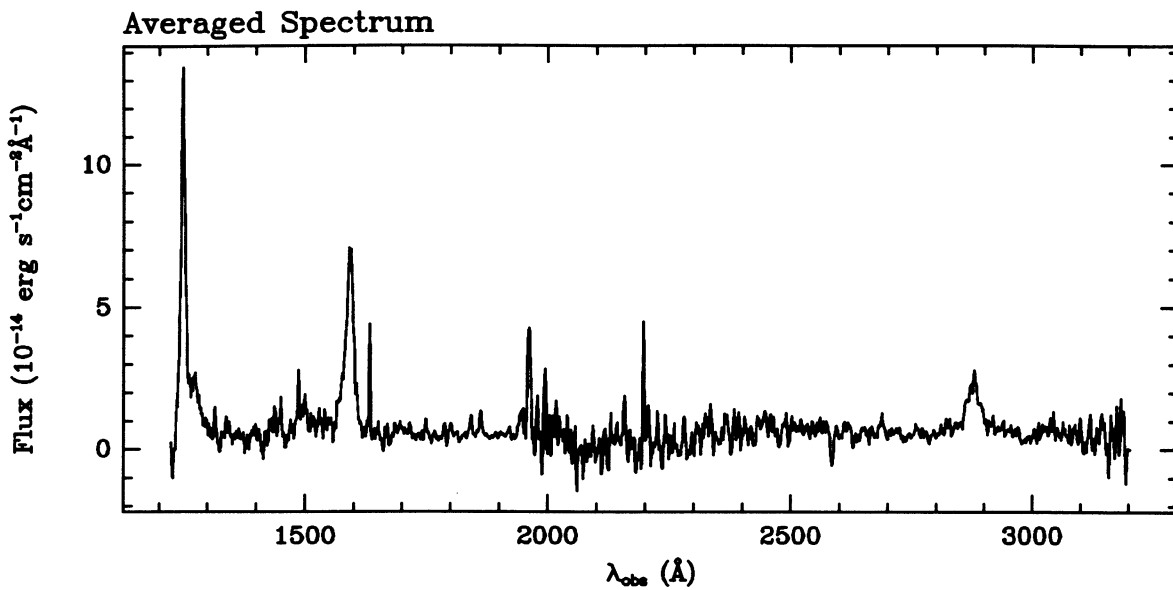
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2266 Å	CEB	Flag
1	SWP 21604 L	45660.0	21 Nov 83	23040.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.60		303

References

- 215
- 246
- 559
- 565

NGC 863

Right Ascension	: 2h 12m 00.50s
Declination	: - 0° 59' 57.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.027
Alternative Names	: MRK 590, UGC 1727, MCG+00-06-0056
	: H 0206-01.9, UM 412, EQ 0211-010

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1283 Å	2259 Å	CEB	Flag
1	LWR 13721 L	45171.0	20 Jul 82	6900.0					345	
2	SWP 17450 L	45171.0	20 Jul 82	16200.0	39	41.50	1.60	0.27	343	

X-Ray Spectra

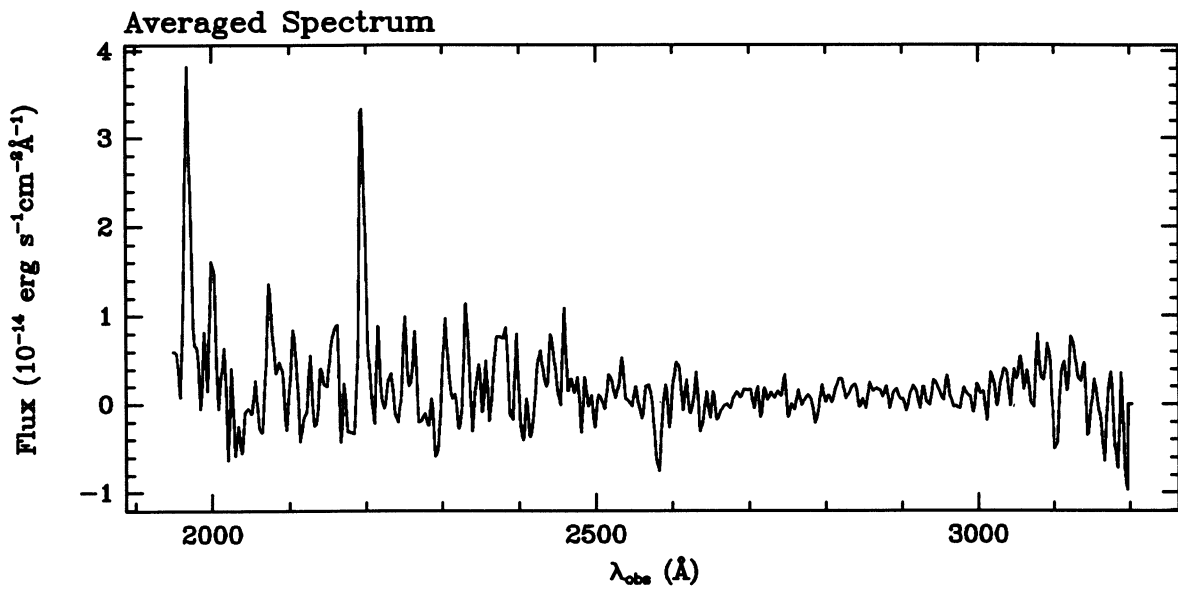
EINSTEIN	• 357	• 369	• 374	• 388
	• 1013			
EXOSAT	• 107	• 461	• 1338	

References

• 85	• 135	• 145	• 284	• 320	• 394	• 400	• 662
• 717	• 776	• 804	• 810	• 908			

MCG +06-06-0006

Right Ascension	:	2h 14m 19.70s
Declination	:	38° 10' 59.0"
Object Type	:	Seyfert 2
ULDA Type	:	88
Redshift	:	0.020
Alternative Names	:	UGC 1757, ARK 79

**Observed Spectra**

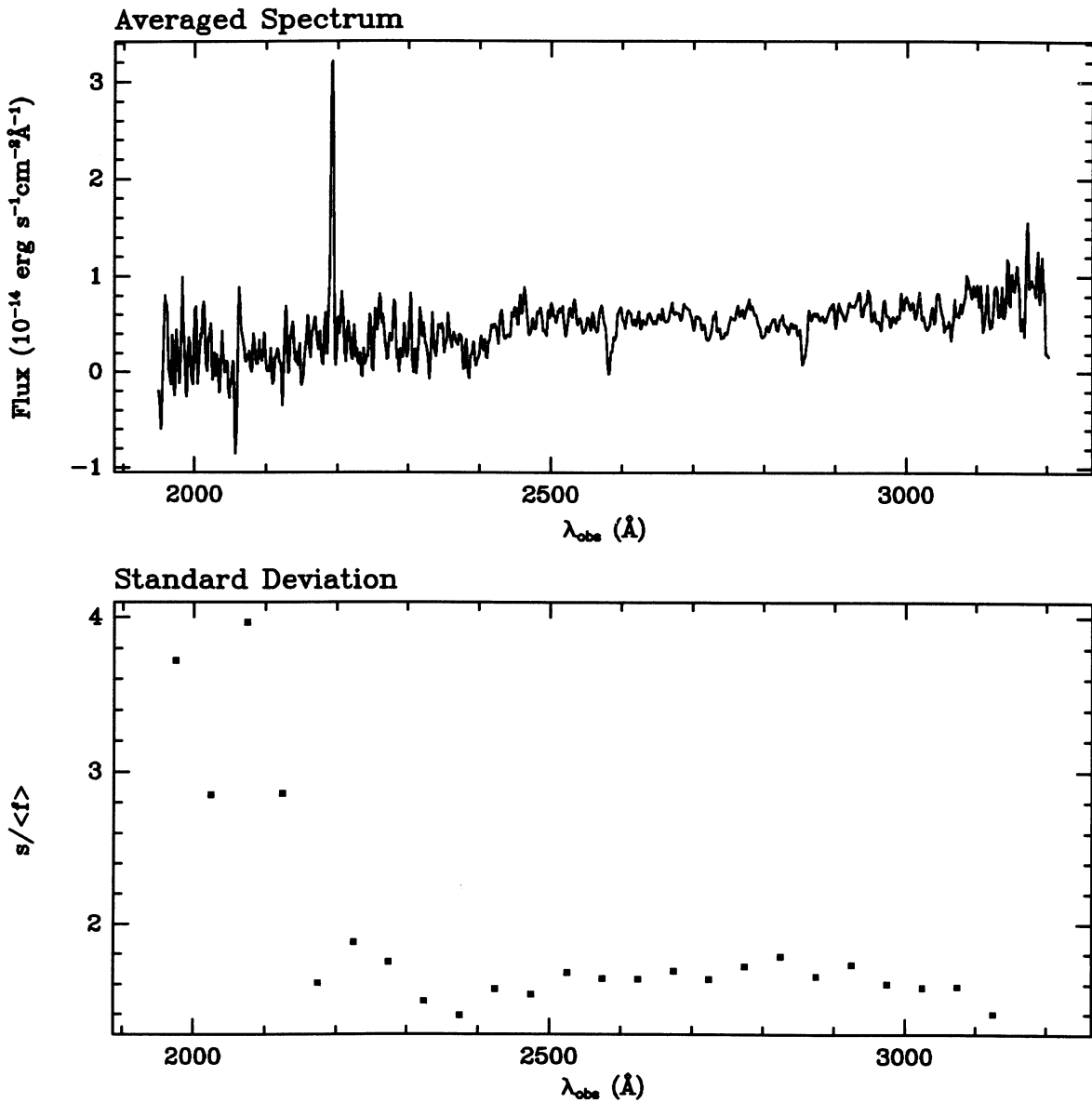
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1275 Å	2244 Å	CEB	Flag
1	LWR 6049 L	44185.0	7 Nov 79	6000.0				0.24		115

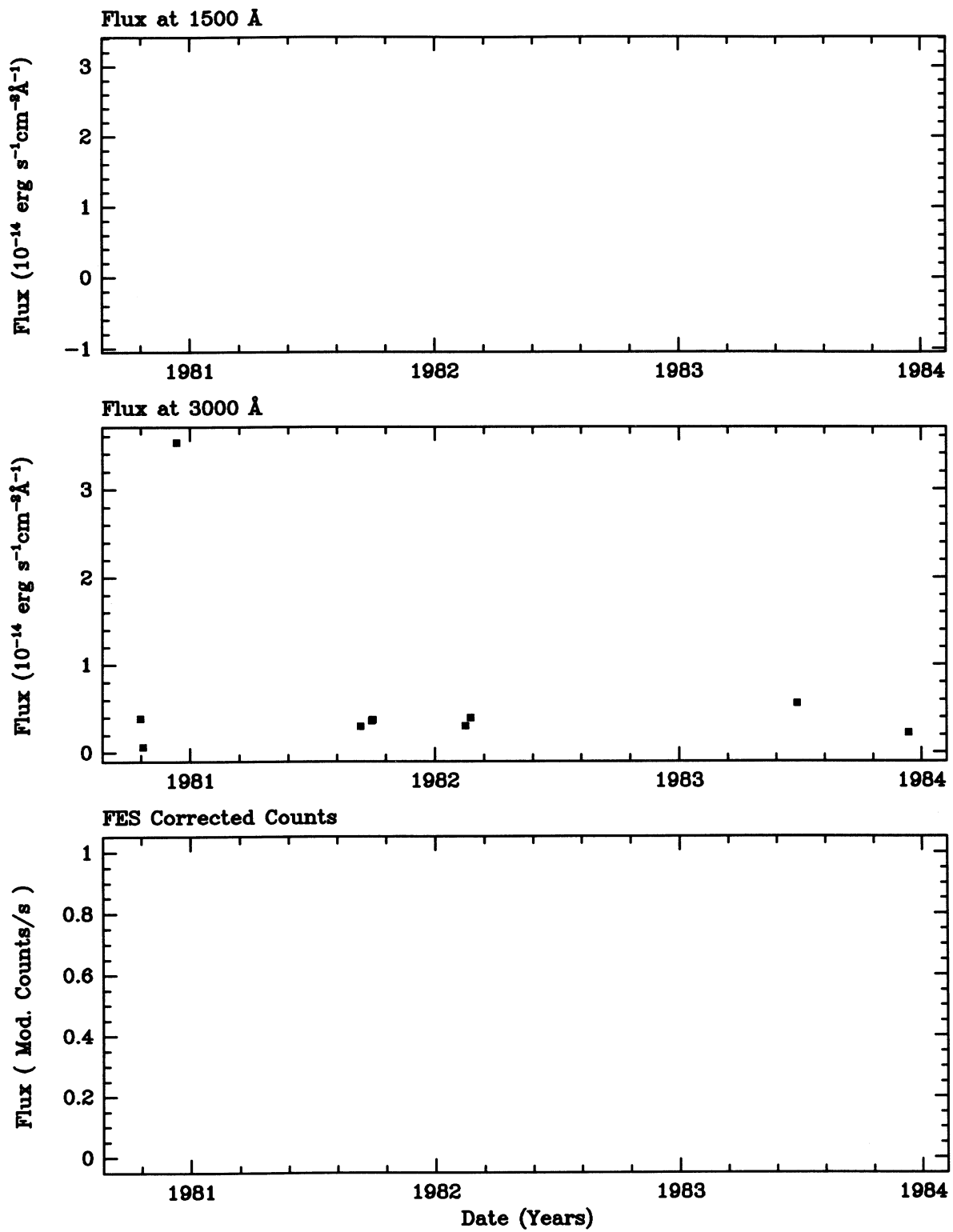
References

• 36 • 84 • 717

QSO 0215+015

Right Ascension	:	2h 15m 13.50s
Declination	:	1° 30' 54.0"
Object Type	:	BL Lac HP
ULDA Type	:	85,87
Redshift	:	1.715
Alternative Names	:	PKS 0215+015





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	9083	L	44531.0	18 Oct 80	22800.0				0.39		307
2	LWR	9122	L	44535.0	22 Oct 80	14520.0				0.07		03
3	LWR	9478	L	44585.0	11 Dec 80	3600.0				3.53		407 D
4	LWP	1353	L	44860.0	12 Sep 81	13980.0				0.30		301
5	LWR	11637	L	44877.0	29 Sep 81	19500.0				0.36		405 D
6	LWR	11647	L	44878.0	30 Sep 81	20100.0				0.38		404
7	LWP	1490	L	45016.0	15 Feb 82	19320.0				0.31		303
8	LWP	1493	L	45024.0	23 Feb 82	18300.0				0.40		302
9	LWP	1910	L	45513.0	27 Jun 83	21360.0				0.56		112 D
10	LWP	2399	L	45681.0	12 Dec 83	23220.0				0.22		305

X-Ray Spectra

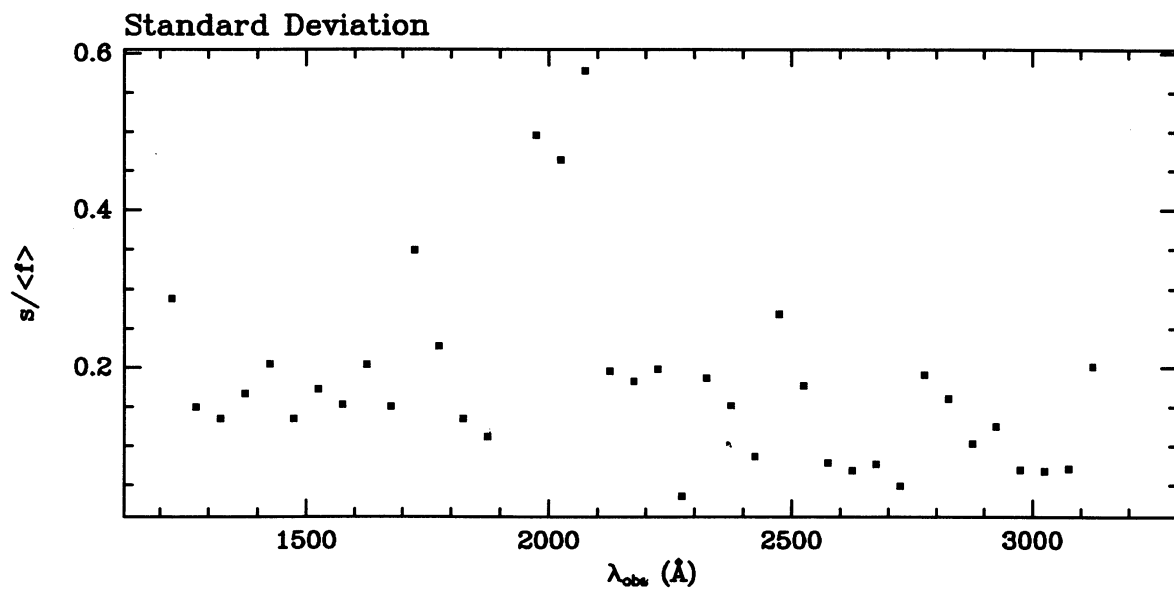
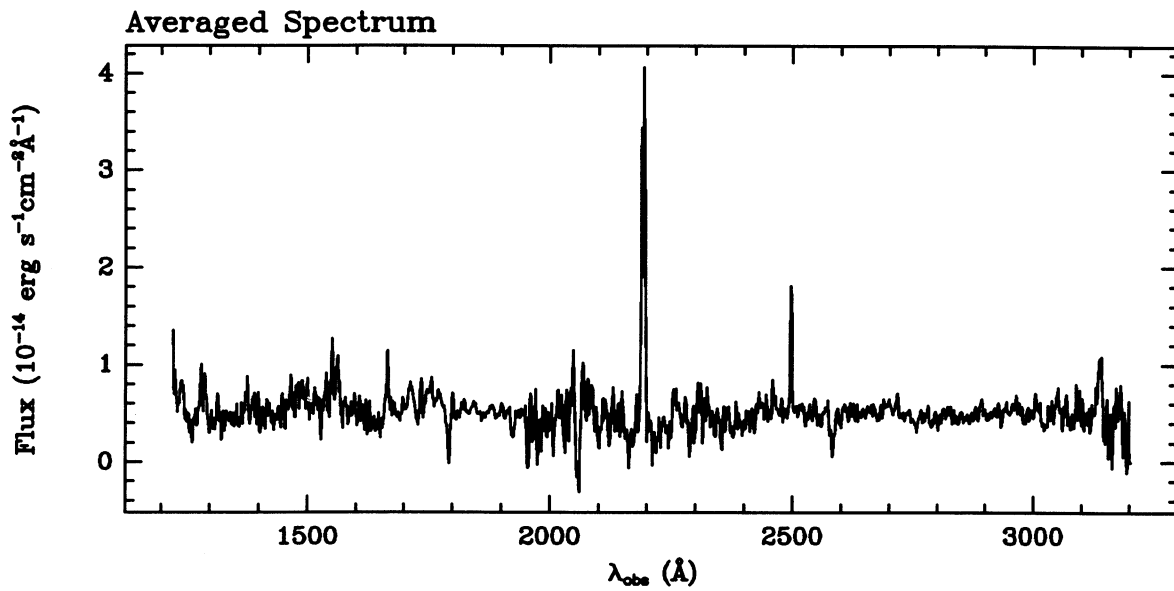
EINSTEIN • 388 • 393 • 672 • 1266
EXOSAT • 461

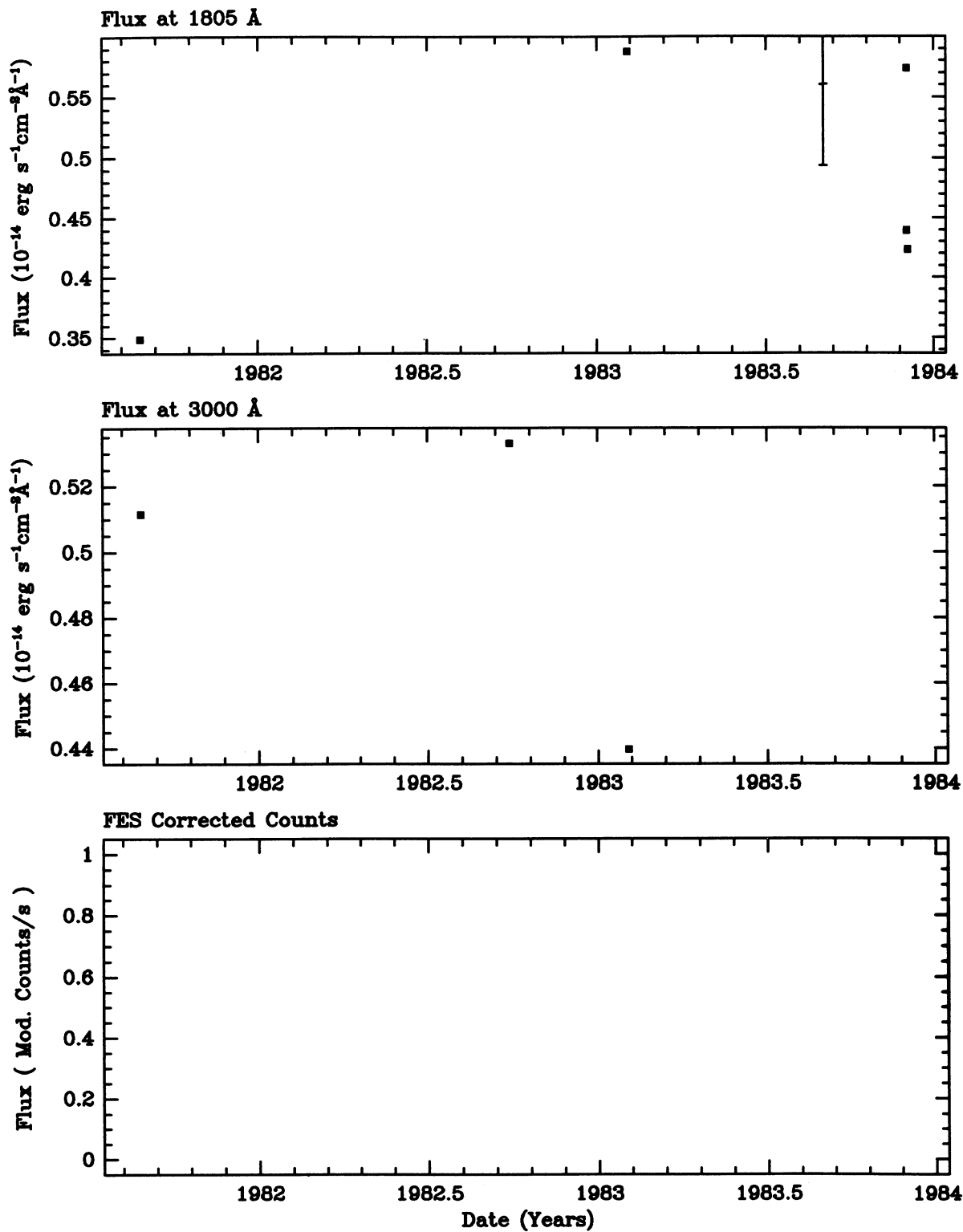
References

• 189 • 200 • 203 • 238 • 244 • 265 • 416 • 526
• 542 • 543 • 701 • 806 • 858

QSO 0219+428

Right Ascension	: 2h 19m 30.03s
Declination	: 42° 48' 29.9"
Object Type	: BL Lac HP
ULDA Type	: 85,87
Redshift	: 0.444
Alternative Names	: 3C 66A





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1805 Å	3000 Å	CEB	Flag
							<i>cts/s</i>		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	11419	L	44844.0	27 Aug 81	7800.0				0.51		303
2	SWP	14838	L	44844.0	27 Aug 81	16800.0			0.35			303
3	LWR	14279	L	45241.0	28 Sep 82	19800.0				0.53		406
4	LWR	15166	L	45368.0	2 Feb 83	6900.0				0.44		302 D
5	SWP	19173	L	45368.0	2 Feb 83	16800.0			0.59			304
6	SWP	21662	L	45671.0	2 Dec 83	14400.0			0.57			312
7	SWP	21663	L	45671.0	2 Dec 83	18000.0			0.44			305
8	SWP	21674	L	45672.0	3 Dec 83	14400.0			0.42			312

X-Ray Spectra

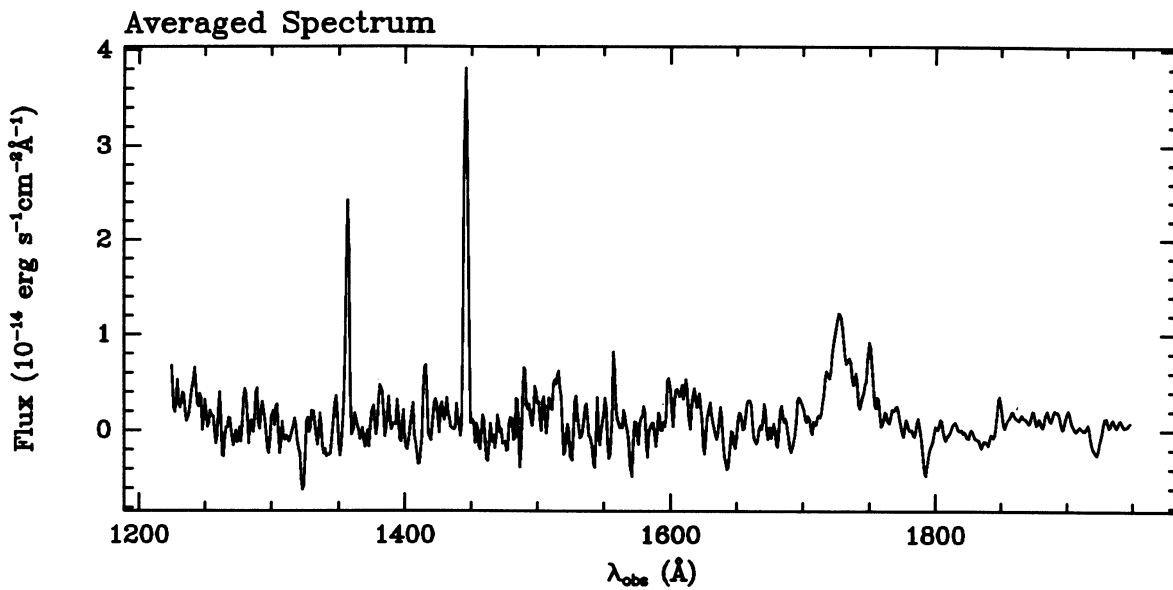
EINSTEIN • 133 • 405 • 1043
EXOSAT • 517 • 1992 • 2008 • 2026

References

• 132 • 279 • 330 • 526 • 531 • 701

AOO 3C 66B

Right Ascension	:	2h 20m 01.78s
Declination	:	42° 45' 54.6"
Object Type	:	Radiogalaxy
ULDA Type	:	86
Redshift	:	0.022
Alternative Names	:	3C 66, 4C 42.07
	:	NRAO 102, QSO 0220+427

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1277 \AA	2248 \AA	CEB	Flag
1	SWP 18698 L	45305.0	1 Dec 82	21300.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	0.07		203

X-Ray Spectra

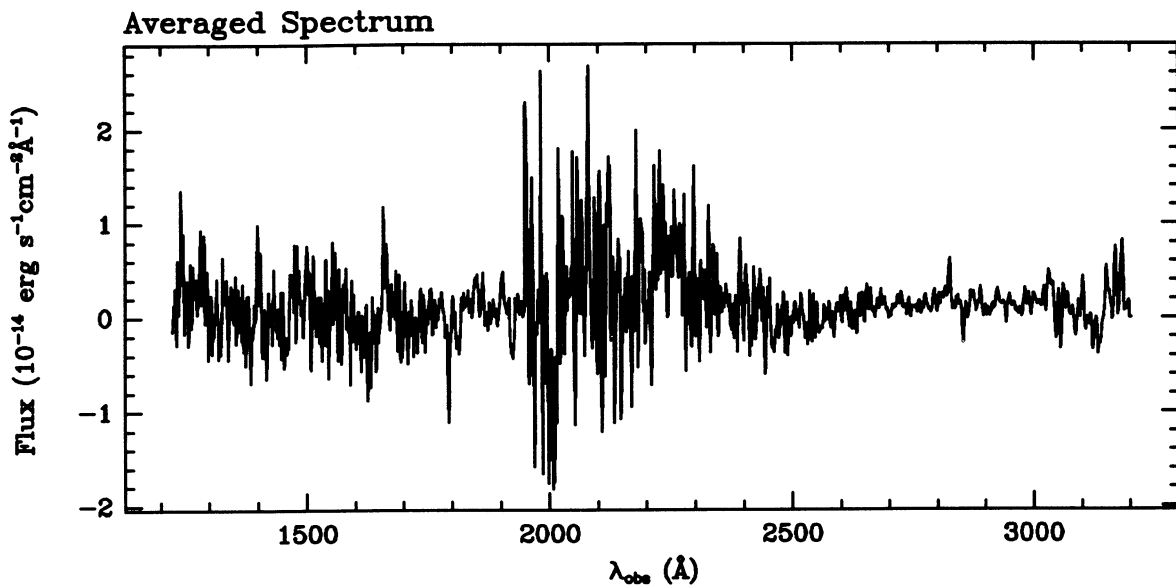
EINSTEIN	• 133	• 405	• 1043	
EXOSAT	• 517	• 1992	• 2008	• 2026

References

- 202
- 340

NGC 931

Right Ascension	: 2h 25m 14.50s
Declination	: 31° 05' 23.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.016
Alternative Names	: UGC 1935, MCG+05-06-0049, MRK 1040
	: IRAS 02252+3105, EQ 0225+310



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1270 Å	2235 Å	CEB	Flag
											10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	
1	LWP	7544	L	46452.0	21 Jan 86	5400.0			0.16	0.77	204	D
2	SWP	27553	L	46452.0	21 Jan 86	7200.0			0.17		01	
3	SWP	27723	L	46477.0	15 Feb 86	14400.0			0.54		06	
4	SWP	27724	L	46477.0	15 Feb 86	6000.0					37	

X-Ray Spectra

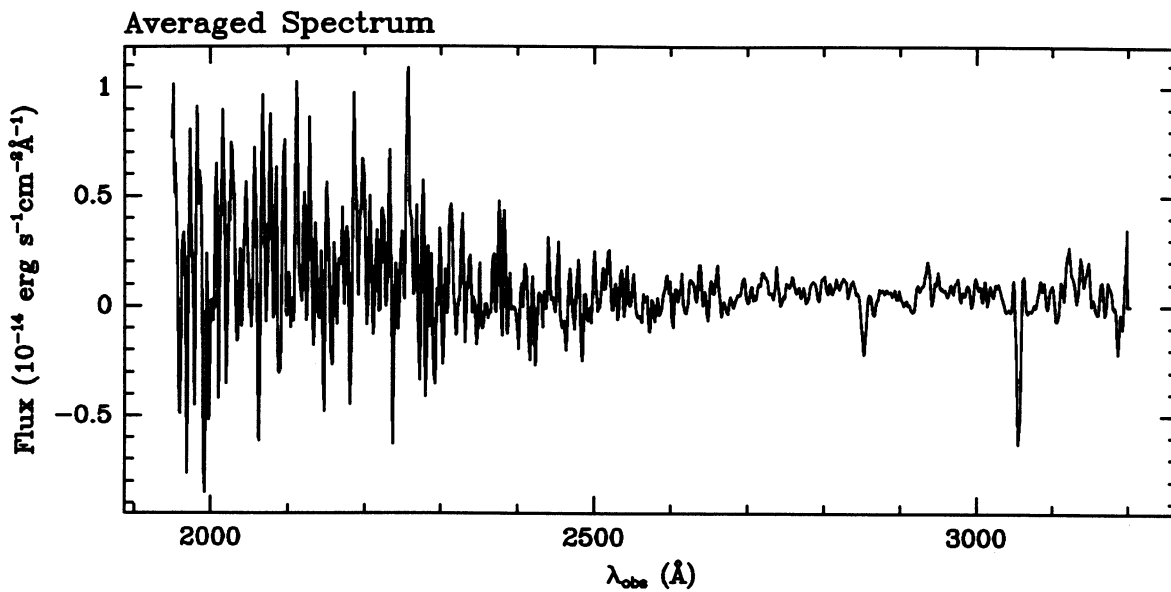
- EINSTEIN • 1047 • 1053
 EXOSAT • 133 • 1047

References

- 145 • 146 • 151 • 157 • 163 • 205 • 263 • 320
 • 329 • 335 • 394 • 453 • 607 • 611 • 620 • 717
 • 776 • 816

QSO 0226-104

Right Ascension	:	2h 26m 12.60s
Declination	:	-10° 24' 33.0"
Object Type	:	
ULDA Type	:	85
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

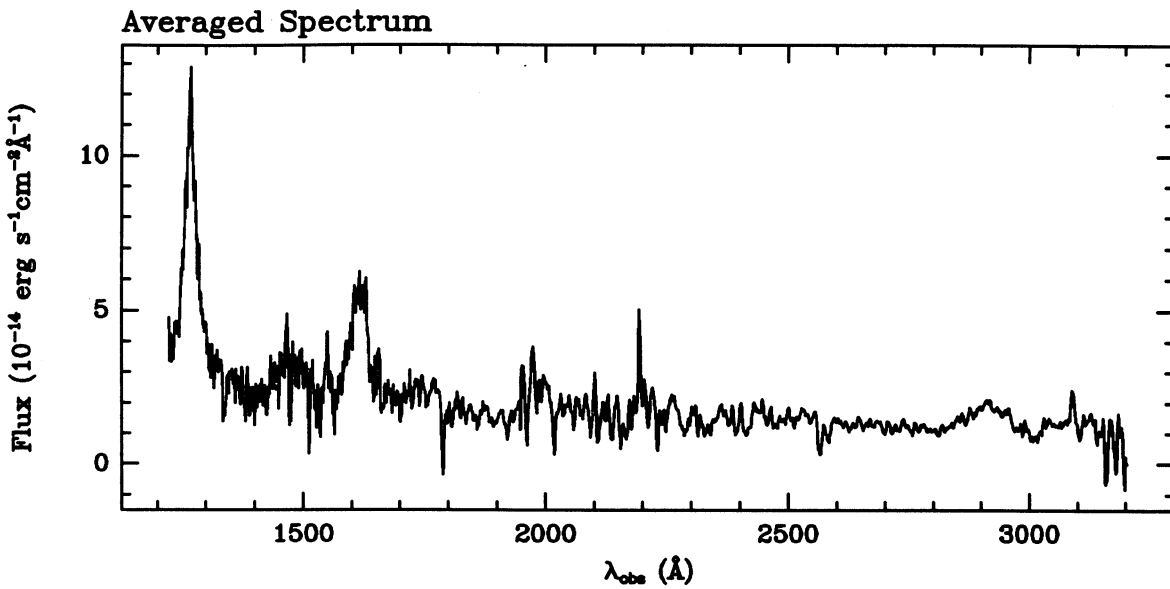
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWP 9214 L	46704.0	30 Sep 86	18480.0			0.13	309	D	
2	LWP 9216 L	46704.0	30 Sep 86	13860.0			0.39	308	D	
3	LWP 11704 L	47062.0	23 Sep 87	24900.0			0.31	309	D	
4	LWP 11716 L	47064.0	25 Sep 87	24300.0			0.21	309	D	

X-Ray Spectra

EINSTEIN • 687 • 1201

NGC 985

Right Ascension	: 2h 32m 10.10s
Declination	: - 9° 00' 14.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.043
Alternative Names	: MRK 1048, MCG-02-07-0035
	: IRAS 02321-0900, EQ 0232-090



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1303 Å	2294 Å	CEB	Flag
							10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	LWR 1803 L	43699.0	9 Jul 78	2700.0				1.44		
2	SWP 1951 L	43699.0	9 Jul 78	2400.0	40	40.46	4.53			
3	LWR 3317 L	43872.0	29 Dec 78	5400.0	32	32.34		1.67		
4	SWP 3732 L	43872.0	29 Dec 78	6000.0	33	33.35	6.07			
5	LWR 11268 L	44825.0	8 Aug 81	6600.0	23	23.89		1.13	333	
6	SWP 14689 L	44825.0	8 Aug 81	17100.0	23	23.89	2.71		344	

X-Ray Spectra

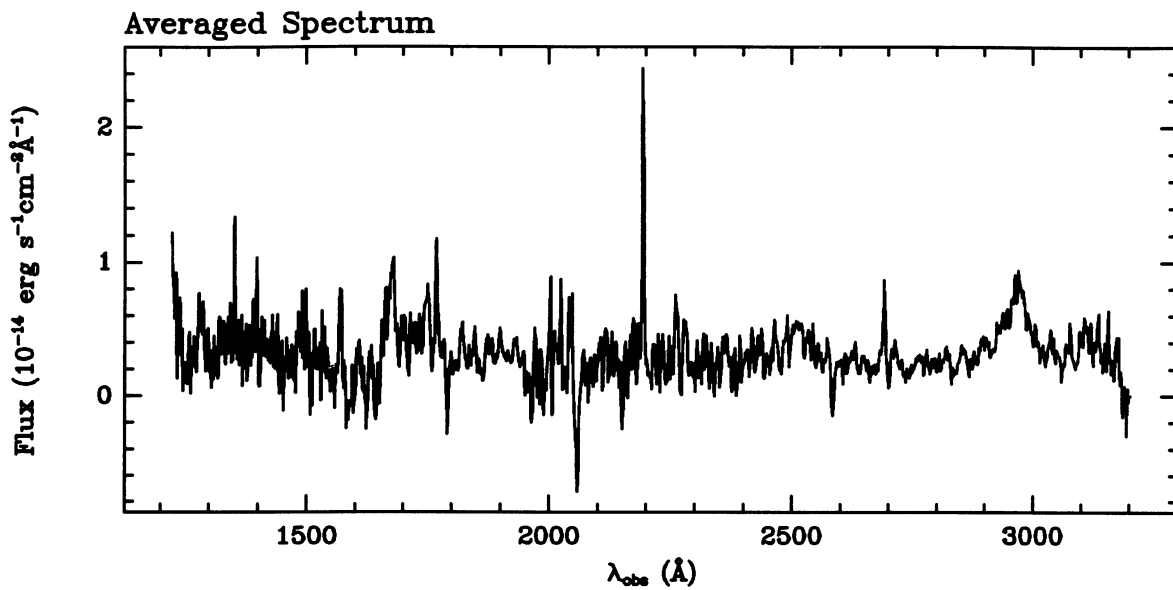
- EINSTEIN • 120 • 121 • 375 • 1064
 • 1268
- EXOSAT • 460 • 510

References

- 57 145 • 158 • 179 • 235 • 320 • 400 • 717
- 791

QSO 0232-042

Right Ascension	: 2h 32m 36.60s
Declination	: - 4° 15' 10.1"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.434
Alternative Names	: PHL 1377, 4C -4.06, PKS 0232-042
	: OD -055, PG 0232-042



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 12023 L	44930.0	21 Nov 81	24600.0					347	
2	SWP 16252 L	45004.0	3 Feb 82	30780.0			0.34	0.49	309	D

X-Ray Spectra

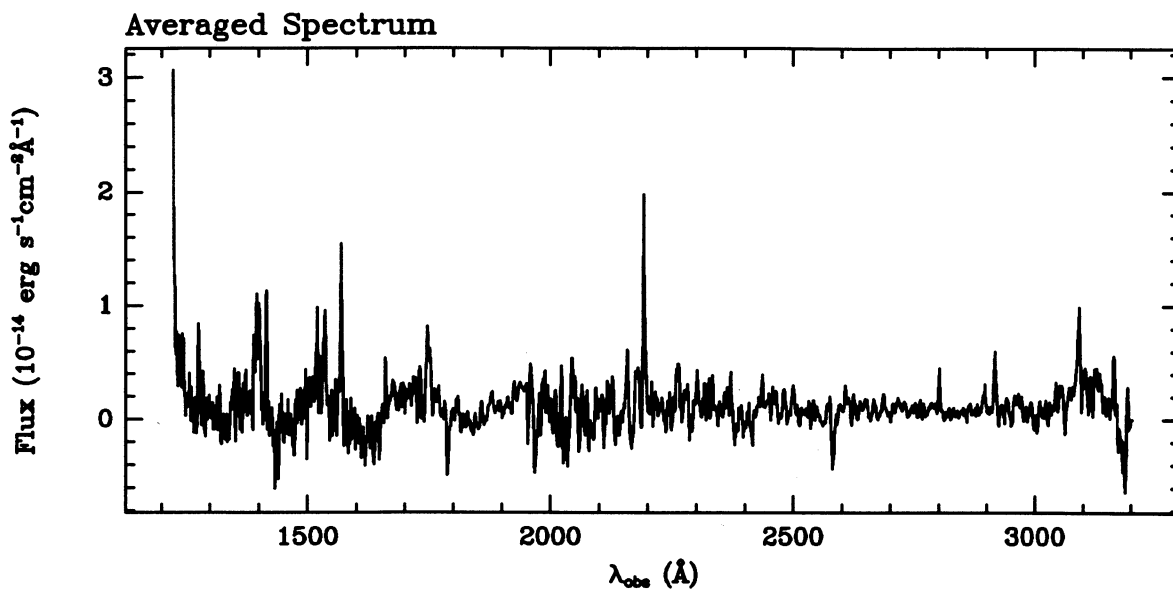
EINSTEIN • 386 • 1015

References

• 302 • 519 • 590 • 711 • 729 • 776 • 842 • 858

QSO 0235+164

Right Ascension	:	2h 35m 52.70s
Declination	:	16° 24' 03.8"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	0.940
Alternative Names	:	AO 0235+16, OD 160

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2425 Å	3000 Å	CEB	Flag
1	SWP 4161 L	43910.0	5 Feb 79	23100.0					22	
2	LWR 3688 L	43911.0	6 Feb 79	24900.0			0.08	0.05	22	

X-Ray Spectra

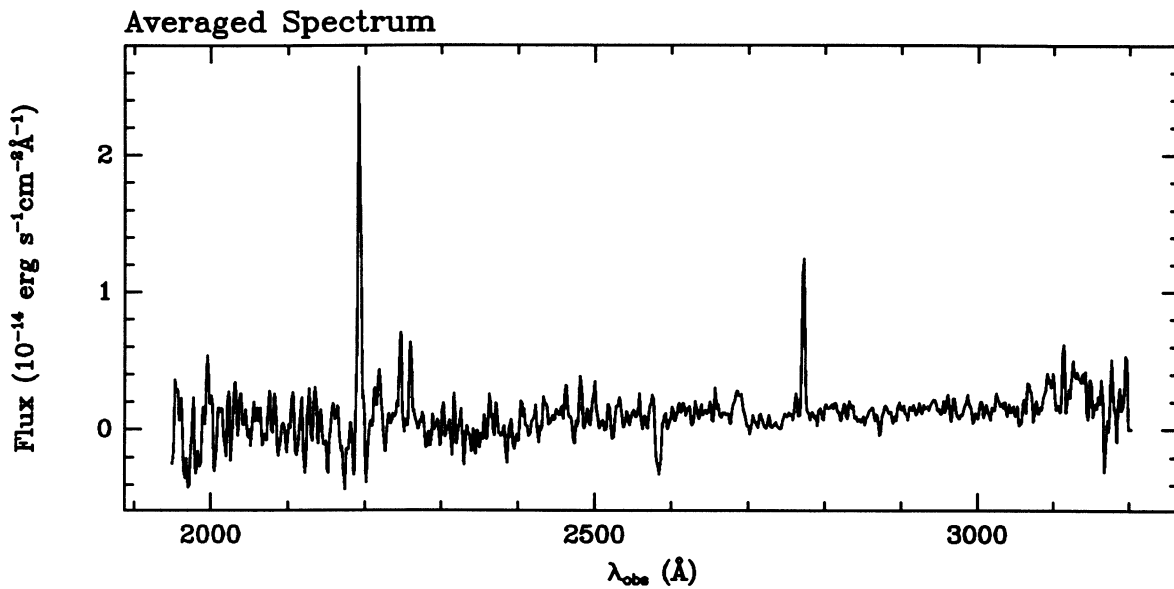
EINSTEIN	• 140	• 394	• 417	• 1040
	• 1056	• 1060	• 1061	• 1239
	• 1258			
EXOSAT	• 390	• 395	• 401	• 408
	• 948	• 1373	• 1993	• 2009
	• 2025			

References

• 189	• 208	• 265	• 279	• 282	• 292	• 491	• 496
• 526	• 564	• 714	• 772	• 776	• 802	• 807	• 886

PG 0237-233

Right Ascension	: 2h 37m 52.72s
Declination	: -23° 22' 06.4"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 2.224
Alternative Names	: PKS 0237-233, PHL 8462, OD -263
	: 1E 0237.8-2321, PG 0237-23, QSO 0237-233

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 10935 L	44779.0	23 Jun 81	25800.0				0.14		307

X-Ray Spectra

EINSTEIN	• 109	• 130	• 367	• 1078
	• 1217			
EXOSAT	• 363			

References

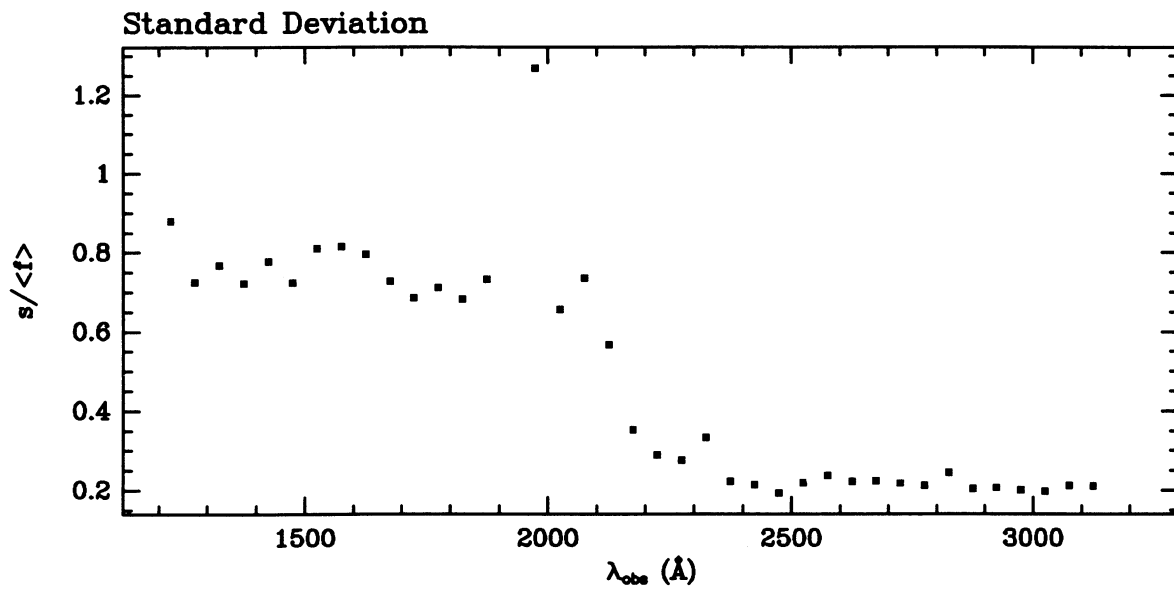
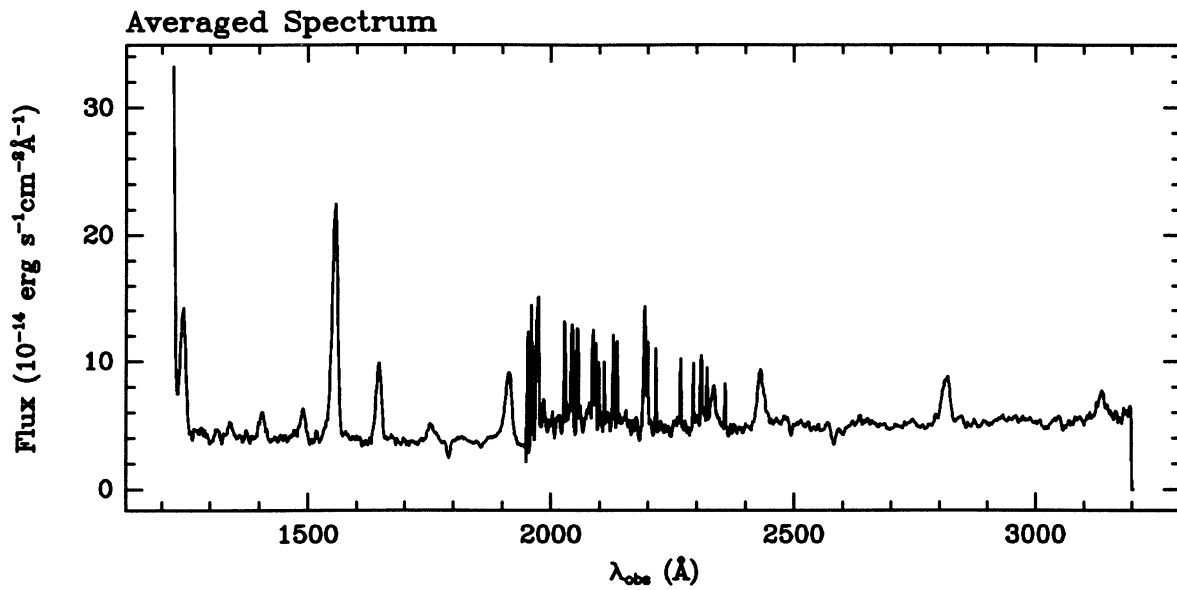
• 3	• 10	• 14	• 15	• 16	• 76	• 265	• 277
• 296	• 302	• 307	• 312	• 334	• 388	• 537	• 543
• 590	• 613	• 673	• 687	• 701	• 711	• 729	• 730
• 764	• 766	• 776	• 804	• 830	• 842	• 895	

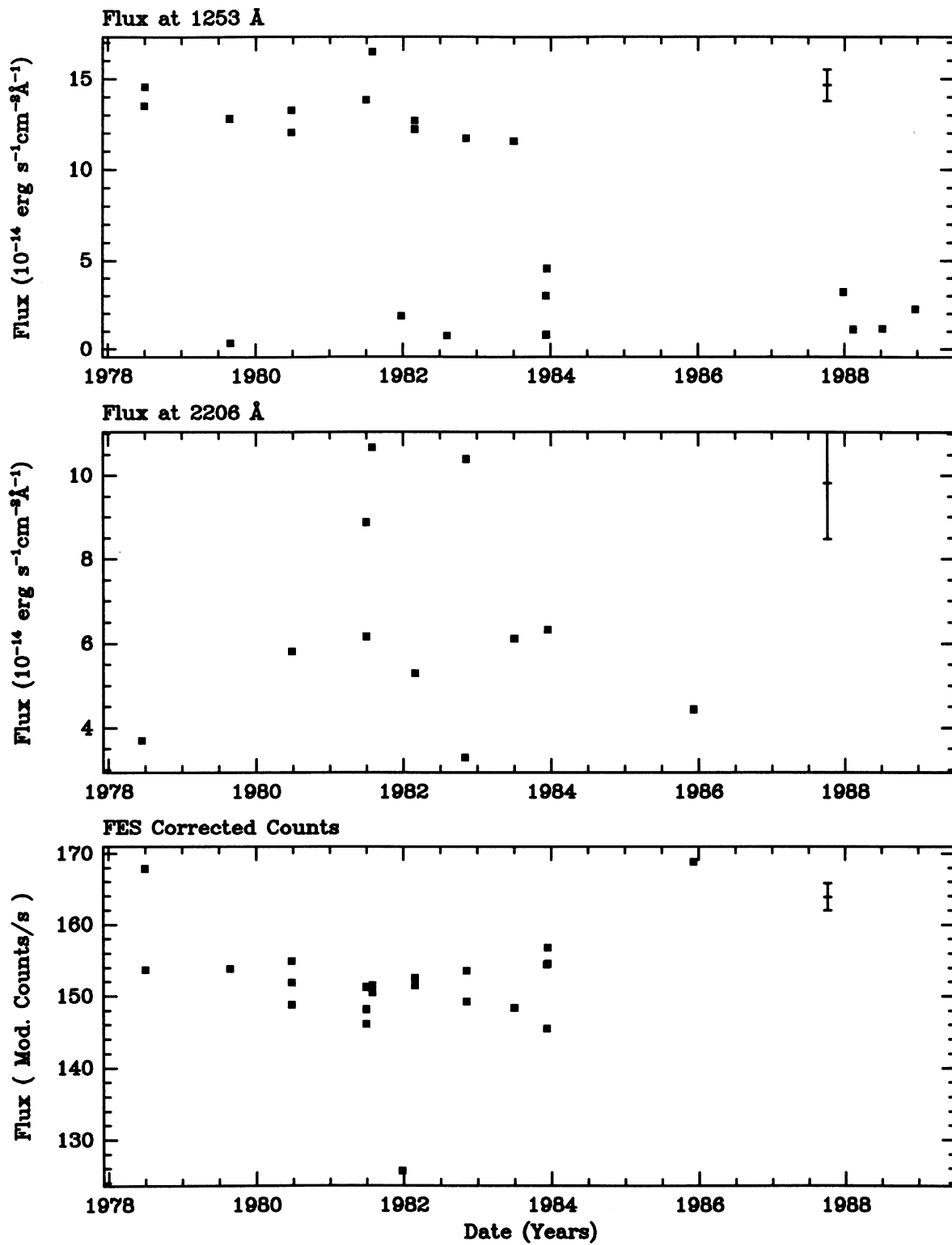
References

- 39
- 89
- 93
- 94
- 104
- 114
- 115
- 119
- 164
- 176
- 184
- 197
- 230
- 242
- 262
- 267
- 278
- 315
- 324
- 355
- 359
- 445
- 506
- 511
- 547
- 566
- 568
- 675
- 690
- 717
- 725
- 774
- 790
- 900
- 910

NGC 1068

Right Ascension	: 2h 40m 07.09s
Declination	: - 0° 13' 30.7"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.003
Alternative Names	: M 77, UGC 2188, MCG+00-07-0083
	: 3C 71.0, IRAS 02401-0013, PKS 0240-00





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
					cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 1666	L	43674.0	14 Jun 78	2400.0			3.71		
2	SWP 1881	L	43689.0	29 Jun 78	1200.0	166	167.91	13.53		
3	SWP 1898	L	43691.0	1 Jul 78	3000.0	152	153.75	14.59		
4	LWR 1778	S	43694.0	4 Jul 78	4800.0					
5	SWP 1921	S	43696.0	6 Jul 78	7200.0					
6	SWP 6285	L	44112.0	26 Aug 79	2999.0	152	153.86	12.83		343
7	SWP 6311	S	44114.0	28 Aug 79	4800.0					339
8	SWP 6326	L	44116.0	30 Aug 79	25500.0			0.36		38
9	LWR 8115	L	44414.0	23 Jun 80	1800.0	146	148.83		5.82	353
10	SWP 9355	L	44414.0	23 Jun 80	1800.0	152	154.95	12.04		336
11	SWP 9356	L	44414.0	23 Jun 80	3000.0	149	151.89	13.28		36
12	LWR 10969	L	44786.0	30 Jun 81	2400.0	146	151.31		8.88	453
13	LWR 10970	L	44786.0	30 Jun 81	7200.0	141	146.12		6.17	574
14	SWP 14360	L	44786.0	30 Jun 81	5400.0	143	148.20	13.85		461
15	LWR 11186	L	44816.0	30 Jul 81	1800.0	145	150.53		10.67	342
16	SWP 14589	L	44816.0	30 Jul 81	10980.0	146	151.56	16.51		472
17	SWP 14589	S	44816.0	30 Jul 81	10980.0					472
18	SWP 15856	L	44962.0	23 Dec 81	8820.0	120	125.72	1.87		331
19	SWP 16433	L	45027.0	26 Feb 82	1800.0	144	151.55	12.23		332
20	LWR 12687	L	45028.0	27 Feb 82	4500.0	144	151.57		5.30	344
21	SWP 16441	L	45028.0	27 Feb 82	7200.0	145	152.62	12.71		344
22	SWP 17623	L	45189.0	7 Aug 82	9000.0			0.76		201
23	LWR 14543	L	45275.0	1 Nov 82	3840.0				3.30	303
24	LWP 1709	L	45282.0	8 Nov 82	1380.0	139	149.34		10.40	342
25	SWP 18508	L	45282.0	8 Nov 82	1380.0	143	153.64	11.73		240
26	LWR 16270	L	45517.0	1 Jul 83	4200.0				6.13	454
27	SWP 20349	L	45517.0	1 Jul 83	4980.0	135	148.44	11.59		360
28	SWP 21734	L	45678.0	9 Dec 83	14400.0	130	145.58	3.04		336
29	SWP 21735	L	45678.0	9 Dec 83	7200.0	138	154.54	0.81		309
30	SWP 21751	L	45680.0	11 Dec 83	25800.0	138	154.58	0.84		305
31	LWP 2413	L	45683.0	14 Dec 83	3840.0	140	156.88		6.33	561
32	SWP 21772	L	45683.0	14 Dec 83	3600.0	138	154.64	4.59		231
33	LWP 7248	L	46405.0	5 Dec 85	2100.0	135	168.87		4.44	342
34	SWP 32627	L	47157.0	27 Dec 87	23100.0			3.24		338
35	SWP 32921	L	47206.0	14 Feb 88	24000.0			1.12		337
36	SWP 33882	L	47352.0	9 Jul 88	24600.0			1.17		305
37	SWP 35100	L	47518.0	22 Dec 88	22500.0			2.29		306

X-Ray Spectra

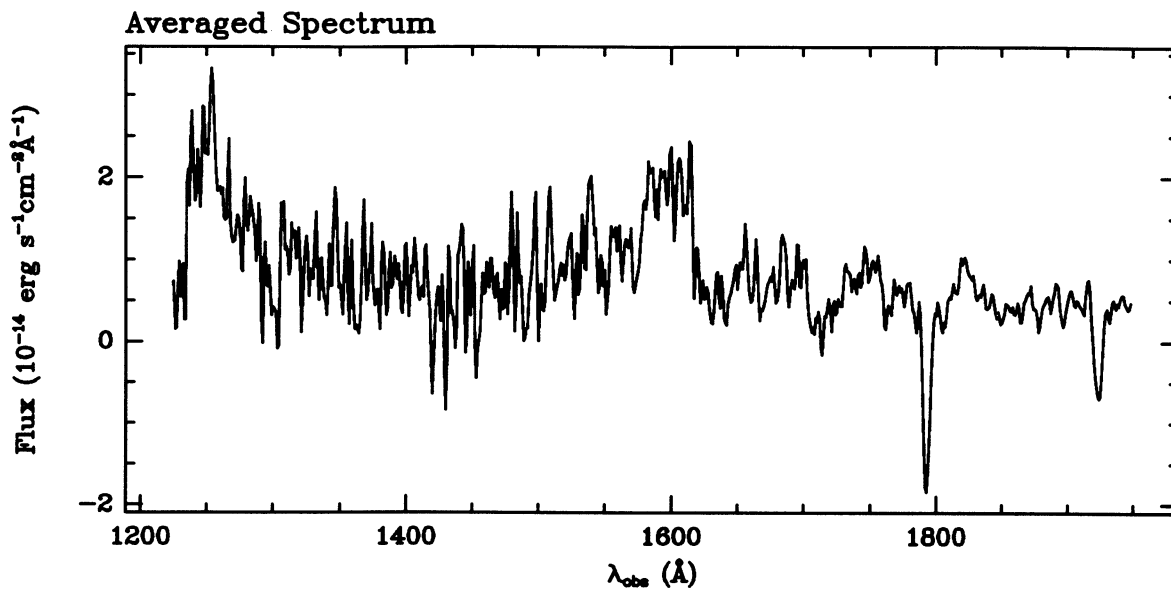
EINSTEIN	• 387	• 678	• 779	• 1027
	• 1188			
EXOSAT	• 106	• 107	• 1338	

References

• 5	• 50	• 61	• 63	• 85	• 93	• 94	• 126
• 136	• 143	• 145	• 164	• 177	• 178	• 179	• 192
• 210	• 235	• 250	• 259	• 267	• 271	• 284	• 335
• 359	• 394	• 401	• 422	• 445	• 486	• 499	• 517
• 521	• 546	• 581	• 593	• 595	• 605	• 609	• 623
• 561	• 563	• 566	• 640	• 649	• 663	• 669	• 674
• 676	• 688	• 691	• 699	• 706	• 708	• 712	• 717
• 737	• 738	• 757	• 763	• 768	• 821	• 822	• 836
• 841	• 849	• 850	• 868	• 874	• 907	• 912	• 917
• 924							

IC 1854

Right Ascension	:	2h 46m 30.90s
Declination	:	19° 05' 54.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.031
Alternative Names	:	MRK 372, EQ 0246+190

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
1	SWP	21792	L	45687.0	18 Dec 83	7800.0			0.73			309
2	SWP	27728	L	46478.0	16 Feb 86	21600.0	21	26.64	1.30			338
3	SWP	27733	L	46479.0	17 Feb 86	23400.0	21	26.64	1.42			337

X-Ray Spectra

EINSTEIN • 713 • 719 • 1054

EXOSAT • 1348 • 1393

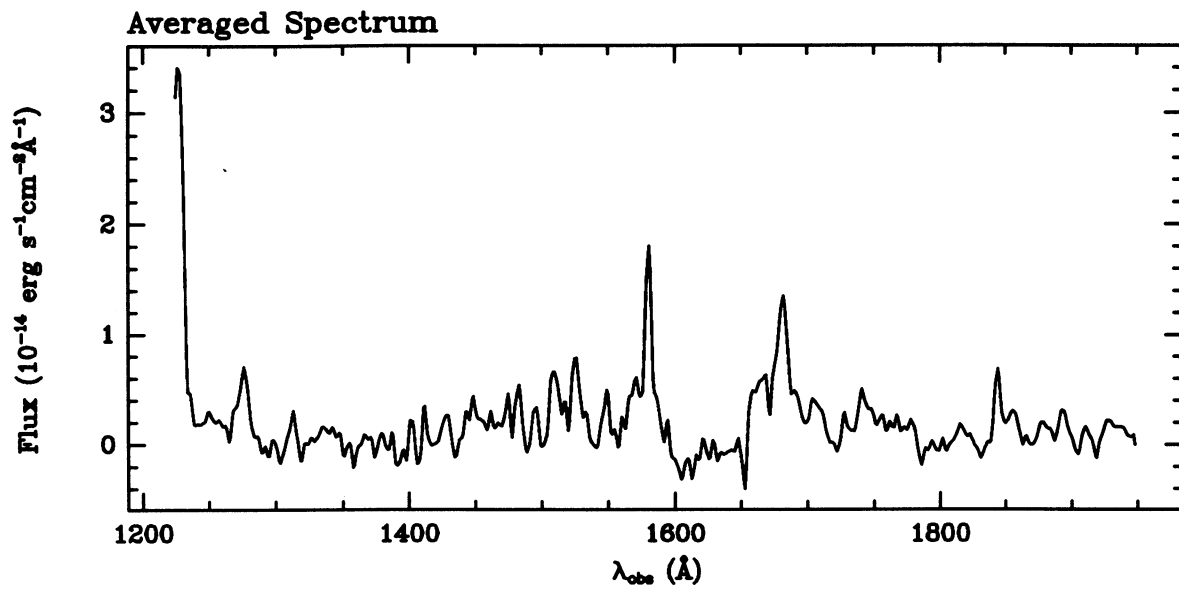
References

• 85 • 135 • 164 • 284 • 394 • 593 • 641 • 669

• 717

NGC 1106

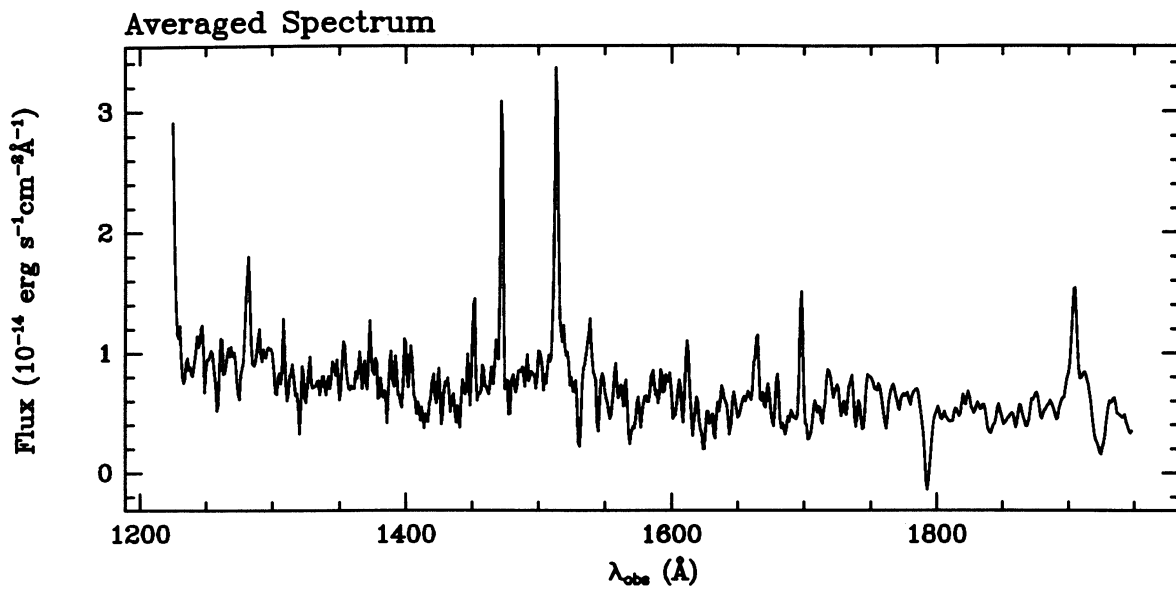
Right Ascension	:	2h 47m 26.90s
Declination	:	41° 27' 58.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.014
Alternative Names	:	UGC 2322, MCG+07-06-0076

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1267 Å	2230 Å	CEB	Flag
1	SWP 10834 L	44593.0	19 Dec 80	25200.0			0.23		123	

MRK 600

Right Ascension	:	2h 48m 27.30s
Declination	:	4° 14' 50.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	MCG+01-08-0008

**Observed Spectra**

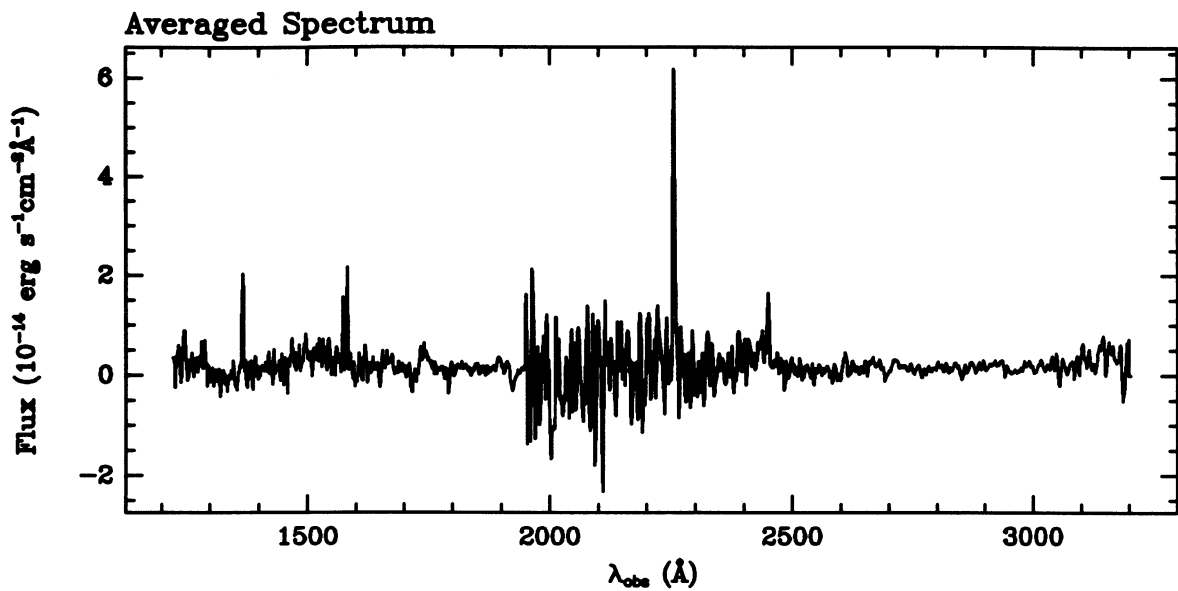
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 \AA	2206 \AA	CEB	Flag
1	SWP 22347 L	45755.0	24 Feb 84	25860.0			0.92		303	

References

- 70
- 314

NGC 1144

Right Ascension	: 2h 52m 36.03s
Declination	: - 0° 23' 00.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.029
Alternative Names	: UGC 2389, MCG+00-08-0048, IRAS 02526+0023
	: MRK 1504, EQ 0252-003



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1286 Å	2263 Å	CEB	Flag
1	LWP 11285 L	47004.0	27 Jul 87	8100.0					305	D
2	SWP 31422 L	47004.0	27 Jul 87	16200.0	25	35.78	0.18	0.83	305	

X-Ray Spectra

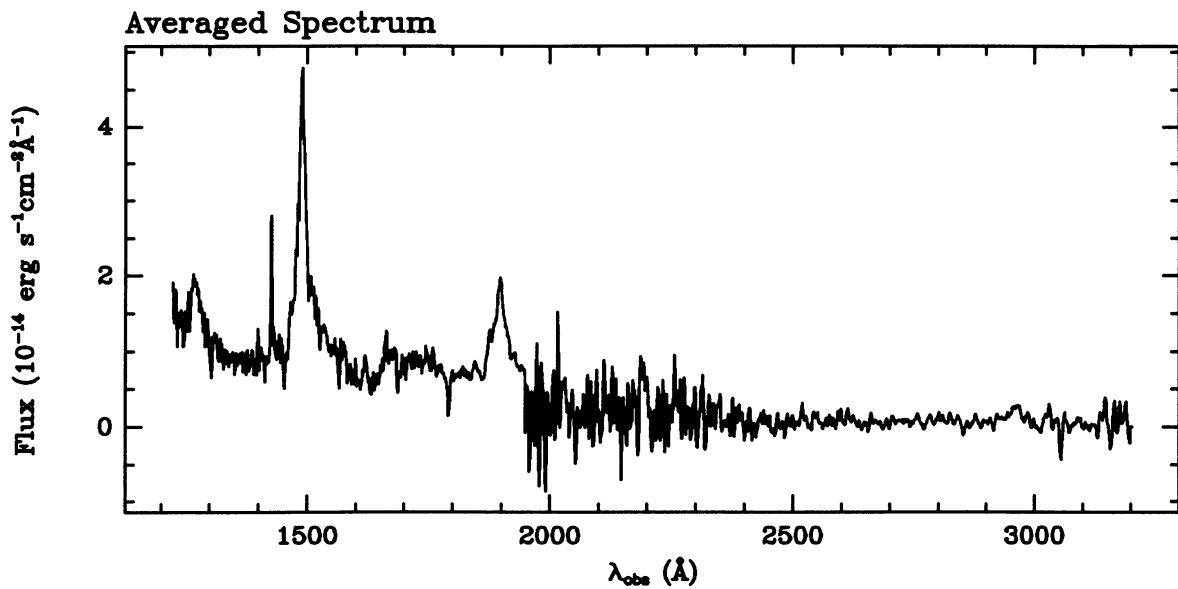
EINSTEIN	• 387	• 678	• 779	• 1027
	• 1188			
EXOSAT	• 106	• 107	• 242	• 461
	• 1338	• 1816	• 2028	

References

- 717

QSO 0312-770

Right Ascension	:	3h 12m 55.70s
Declination	:	-77° 03' 01.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.223
Alternative Names	:	PKS 0312-770, PG 0312-77

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1528 Å	2690 Å	CEB	Flag
1	SWP 14485 L	44802.0	16 Jul 81	24000.0			1.83		306	
2	SWP 16423 L	45026.0	25 Feb 82	14220.0			1.23		332	
3	SWP 16816 L	45083.0	23 Apr 82	25500.0			1.07		343	
4	LWP 9887 L	46804.0	8 Jan 87	24300.0				0.05	309	D

X-Ray Spectra

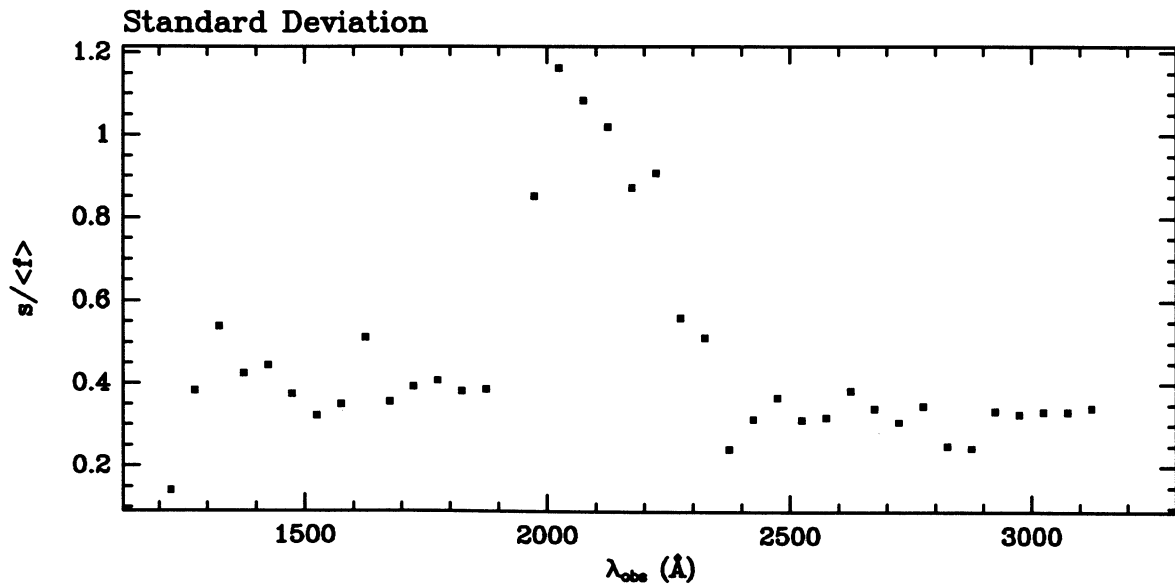
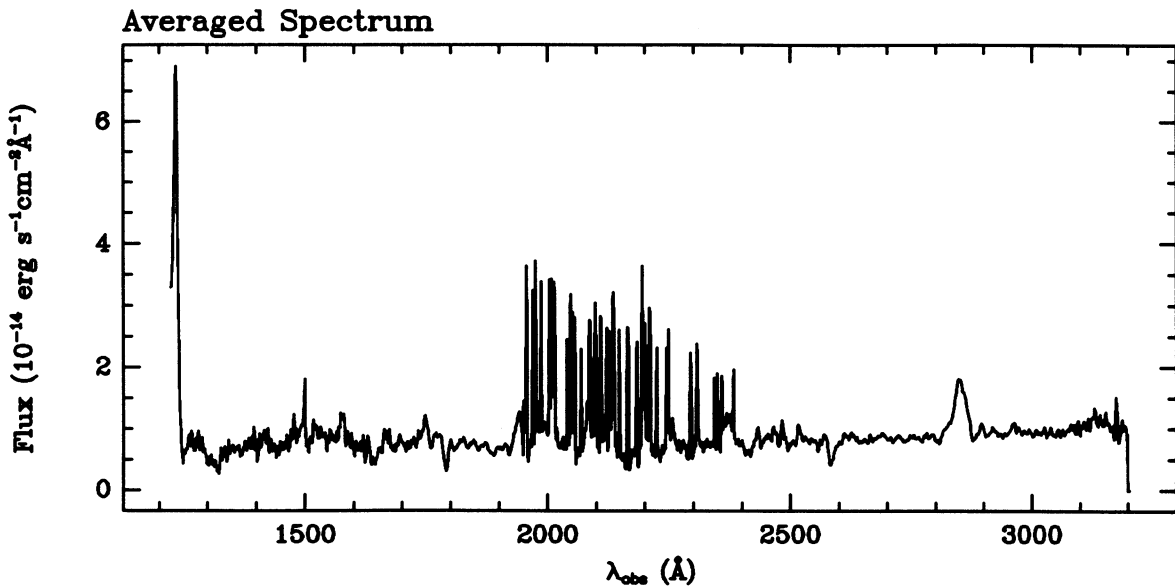
- EINSTEIN • 548
EXOSAT • 1065

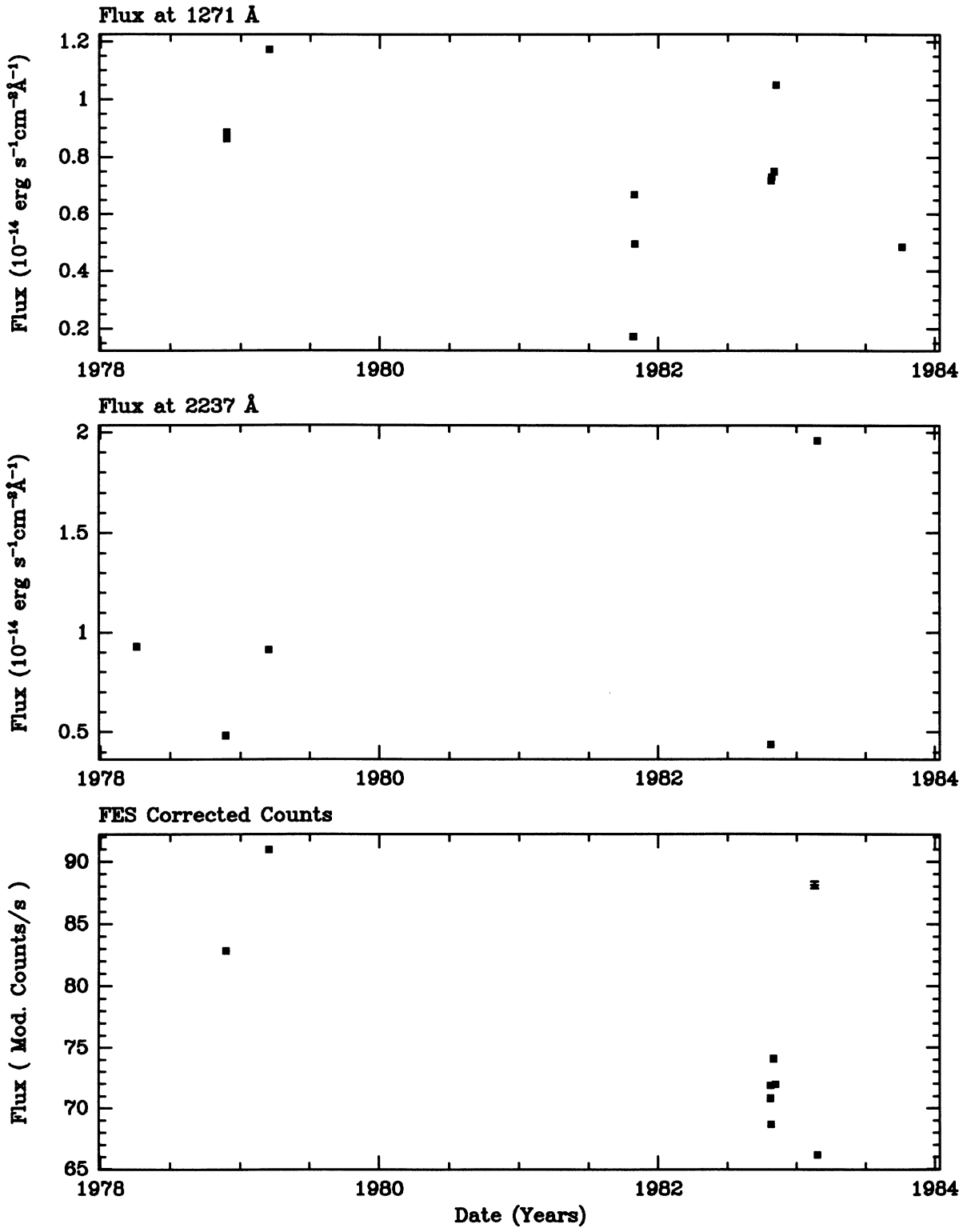
References

- 159 • 315 • 320 • 537 • 579 • 634 • 729 • 730
• 743 • 823 • 842 • 845 • 930

NGC 1275

Right Ascension	: 3h 16m 29.63s
Declination	: 41° 19' 51.8"
Object Type	: BL Lac
ULDA Type	: 84,87,88
Redshift	: 0.017
Alternative Names	: UGC 2669, MCG+07-07-0063, 3C 84, PER A
	: NRAO 132, IRAS 03164+4119, QSO 0316+413, MRK 1505





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	1283	L	43605.0	6 Apr 78	7200.0				0.93		
2	LWR	3015	L	43836.0	23 Nov 78	14400.0				0.48		
3	SWP	3430	L	43837.0	24 Nov 78	10440.0				0.89		
4	SWP	3452	L	43838.0	25 Nov 78	20700.0	82	82.86		0.86		
5	LWR	4033	L	43949.0	16 Mar 79	9000.0	90	90.96		0.91	35	
6	SWP	4658	L	43949.0	16 Mar 79	15000.0	90	90.96		1.17	34	
7	SWP	15335	L	44905.0	27 Oct 81	22500.0				0.17	222	
8	SWP	15343	L	44907.0	29 Oct 81	22620.0				0.67	352	
9	SWP	15346	L	44908.0	30 Oct 81	24600.0				0.50	252	
10	LWR	14475	L	45267.0	24 Oct 82	9000.0	66	70.82		0.44	344	
11	SWP	18384	L	45267.0	24 Oct 82	13920.0	67	71.89		0.72	241	
12	SWP	18392	L	45268.0	25 Oct 82	8520.0	64	68.68		0.73	331	
13	SWP	18447	L	45275.0	1 Nov 82	8700.0	69	74.09		0.75	331	
14	SWP	18488	L	45280.0	6 Nov 82	12600.0	67	71.97		1.05	342	
15	LWP	1813	L	45391.0	25 Feb 83	10200.0	61	66.21		1.96	342	D
16	SWP	21248	L	45614.0	6 Oct 83	8040.0				0.49	331	

X-Ray Spectra

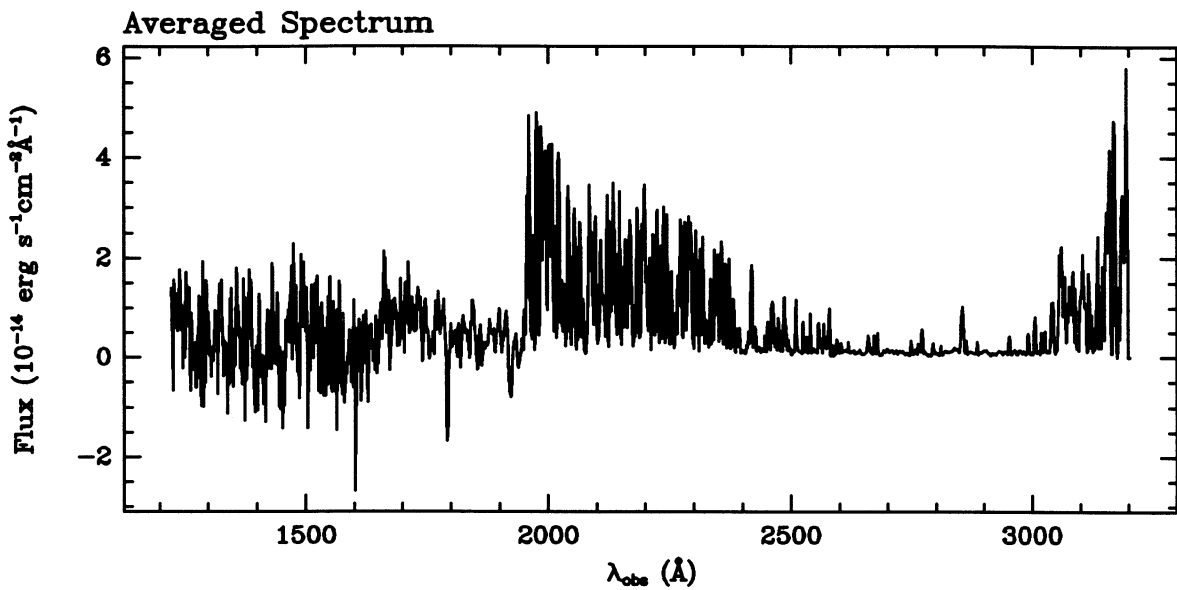
EINSTEIN	• 131	• 141	• 145	• 146
	• 147	• 148	• 420	• 421
	• 700	• 722	• 723	• 725
	• 727			
EXOSAT	• 51	• 97	• 131	• 178
	• 179	• 514	• 515	• 516
	• 1043	• 1363	• 1364	

References

• 7	• 19	• 81	• 129	• 143	• 169	• 177	• 190
• 238	• 268	• 284	• 288	• 297	• 301	• 315	• 333
• 341	• 358	• 360	• 361	• 373	• 510	• 516	• 521
• 526	• 550	• 638	• 561	• 564	• 630	• 669	• 716
• 727	• 778	• 799	• 819	• 836	• 841	• 850	• 870
• 889	• 902						

QSO 0318-196

Right Ascension	:	3h 18m 05.50s
Declination	:	-19° 37' 18.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.104
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1380 Å	2428 Å	CEB	Flag
1	LWR 13498 L	45135.0	14 Jun 82	18000.0					304	
2	SWP 17212 L	45135.0	14 Jun 82	7800.0			0.37	0.11	309	D
3	LWP 1911 L	45514.0	28 Jun 83	19800.0				0.40	338	D
4	LWP 1930 L	45516.0	30 Jun 83	19200.0				0.63	338	D
5	LWP 1938 L	45518.0	2 Jul 83	23400.0				0.48	307	D

X-Ray Spectra

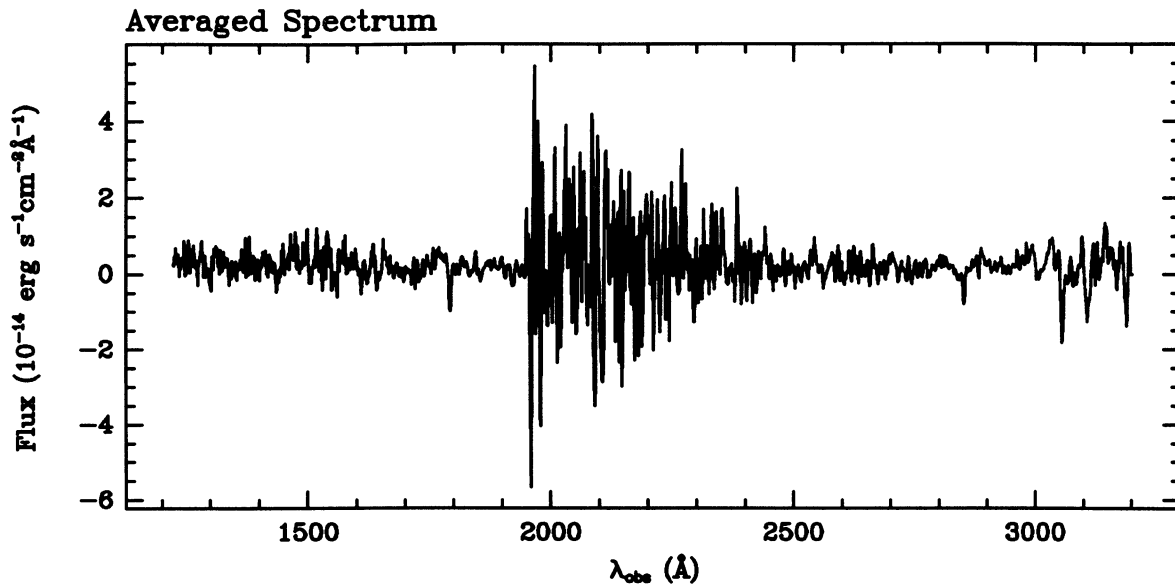
EINSTEIN • 453 • 701 • 1075

References

• 729 • 730 • 842

NGC 1320

Right Ascension	:	3h 22m 17.70s
Declination	:	- 3° 13' 05.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.009
Alternative Names	:	MCG-01-09-0036, MRK 607
	:	IRAS 03222-0313, EQ 0322-032

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
1	SWP 27431 L	46431.0	31 Dec 85	15600.0	39	49.02	0.37		308	
2	LWP 7432 L	46431.0	0 Jan 86	8100.0				0.38	309	D

X-Ray Spectra

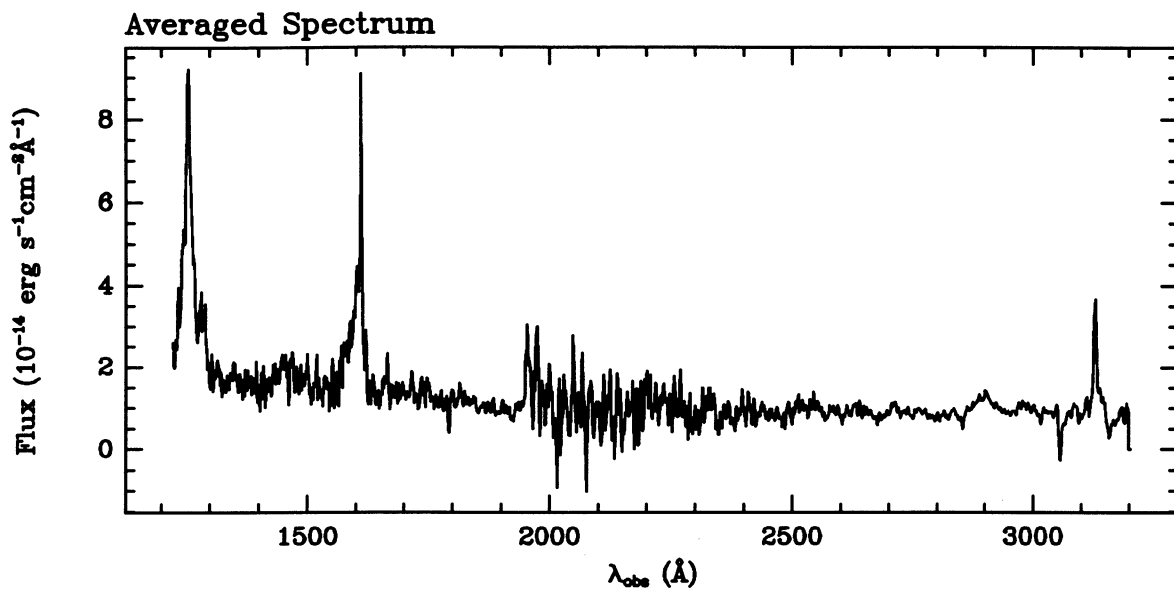
EINSTEIN • 1099 • 1101 • 1102 • 1104
 • 1105

References

• 717 • 769

MRK 609

Right Ascension	:	3h 22m 57.90s
Declination	:	- 6° 18' 58.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.032
Alternative Names	:	EQ 0322-063

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1290 Å	2270 Å	CEB	Flag
1	SWP 22142 L	45730.0	30 Jan 84	7800.0			2.46		334	
2	LWP 9136 L	46695.0	21 Sep 86	10800.0	30	39.82		0.98	347	D
3	SWP 29267 L	46695.0	21 Sep 86	10800.0	29	38.50	2.88		334	

X-Ray Spectra

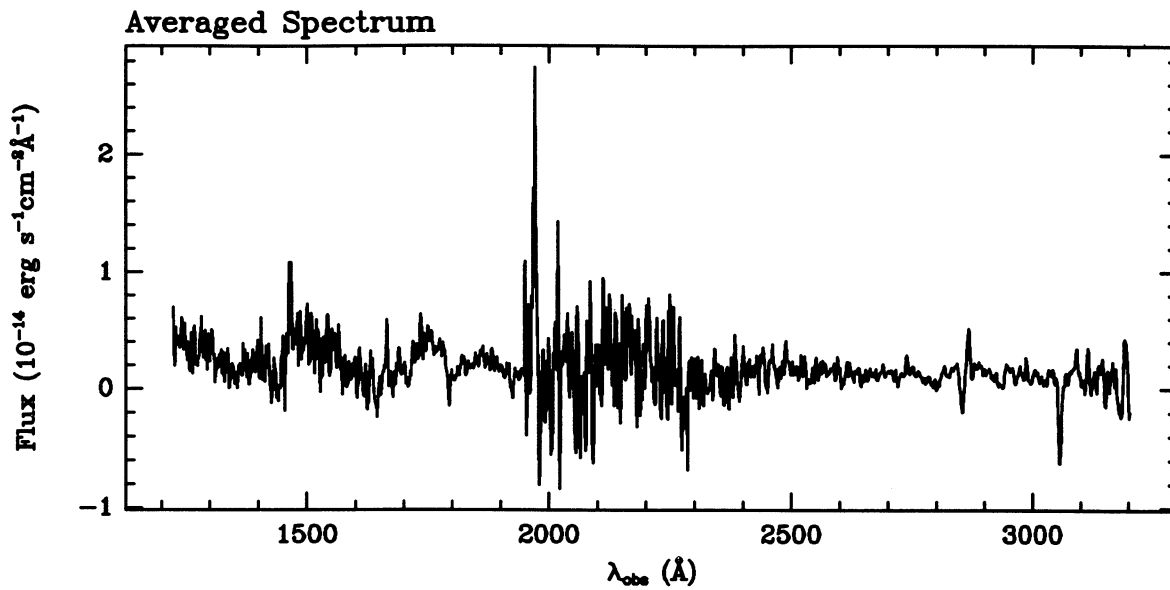
EINSTEIN • 1065

References

• 81 • 145 • 164 • 315 • 380 • 394 • 442 • 593
 • 703 • 717

AOO X 0323 +022

Right Ascension	:	3h 23m 38.04s
Declination	:	2° 14' 47.2"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.147
Alternative Names	:	PKS 0323+022, QSO 0323+022

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1433 Å	2523 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	24010	L	45963.0	19 Sep 84	26400.0			0.14			308
2	LWP	4259	L	45964.0	20 Sep 84	12000.0				0.17		309
3	SWP	24965	L	46090.0	24 Jan 85	12600.0			0.04			304
4	SWP	34098	L	47392.0	18 Aug 88	30000.0			0.22			306
5	LWP	13873	L	47393.0	19 Aug 88	11040.0						305 SKY

X-Ray Spectra

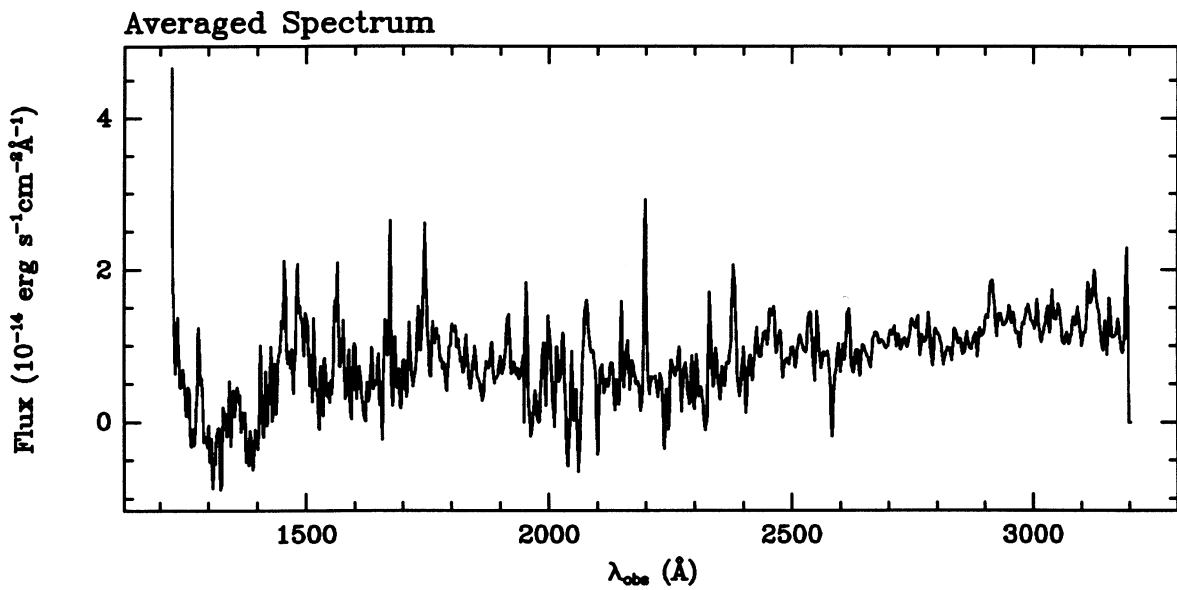
EINSTEIN	• 431	• 706	• 1265	
EXOSAT	• 105	• 1062	• 1069	• 1368
	• 1372	• 1988	• 1994	

References

- 526

NGC 1365

Right Ascension	:	3h 31m 41.00s
Declination	:	-36° 18' 24.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.006
Alternative Names	:	



Observed Spectra

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1257 Å	2213 Å	CEB	Flag
1	LWR 7825 L	44382.0	22 May 80	7200.0			0.42	0.69	302	
2	SWP 9070 L	44382.0	22 May 80	7200.0	123	125.26			301	

X-Ray Spectra

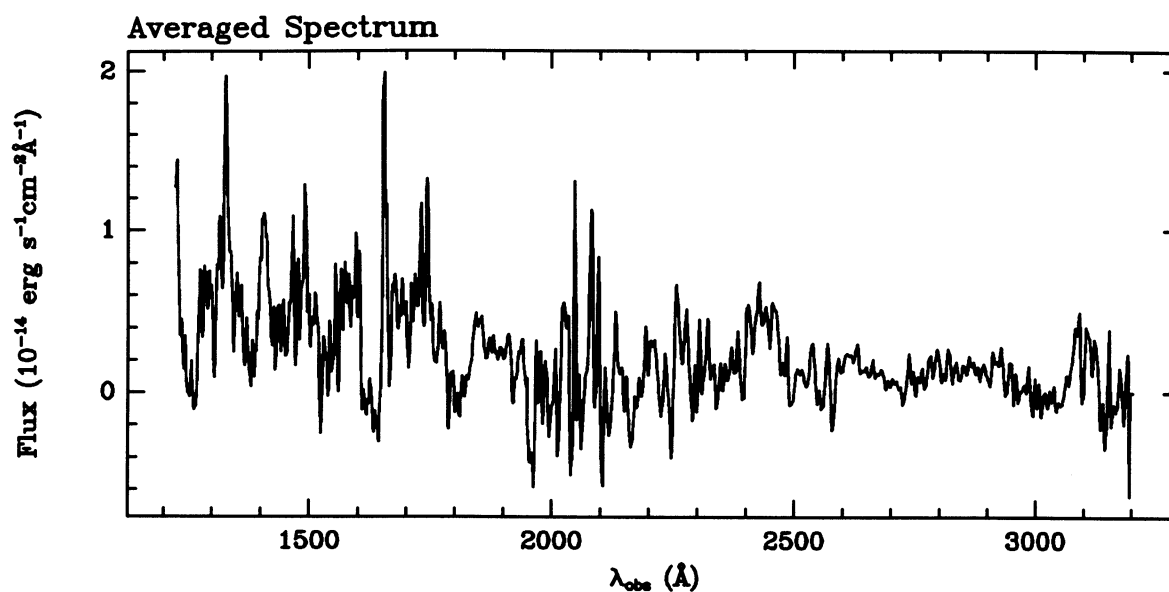
- EINSTEIN**
- 114
 - 454
 - 690
 - 1079
 - 1083
 - 1085
 - 1086
 - 1087
 - 1088
 - 1091
- EXOSAT**
- 485

References

- 61
- 212
- 233
- 270
- 276
- 284
- 335
- 345
- 394
- 544
- 581
- 663
- 666
- 669
- 676
- 810
- 900

ESOB 156-IG7

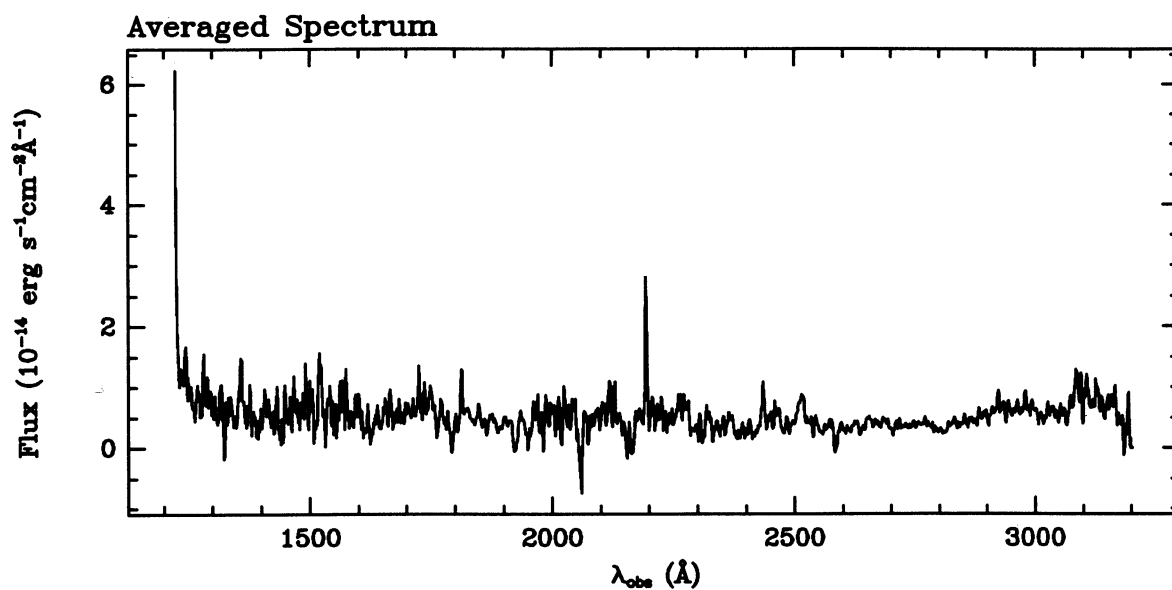
Right Ascension	:	3h 39m 54.00s
Declination	:	-54° 10' 12.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	7272	L	44321.0	22 Mar 80	15600.0						307
2	SWP	8327	L	44321.0	22 Mar 80	7200.0			0.04	0.15		202
3	SWP	8335	L	44322.0	23 Mar 80	22620.0			0.54			323

NGC 1433

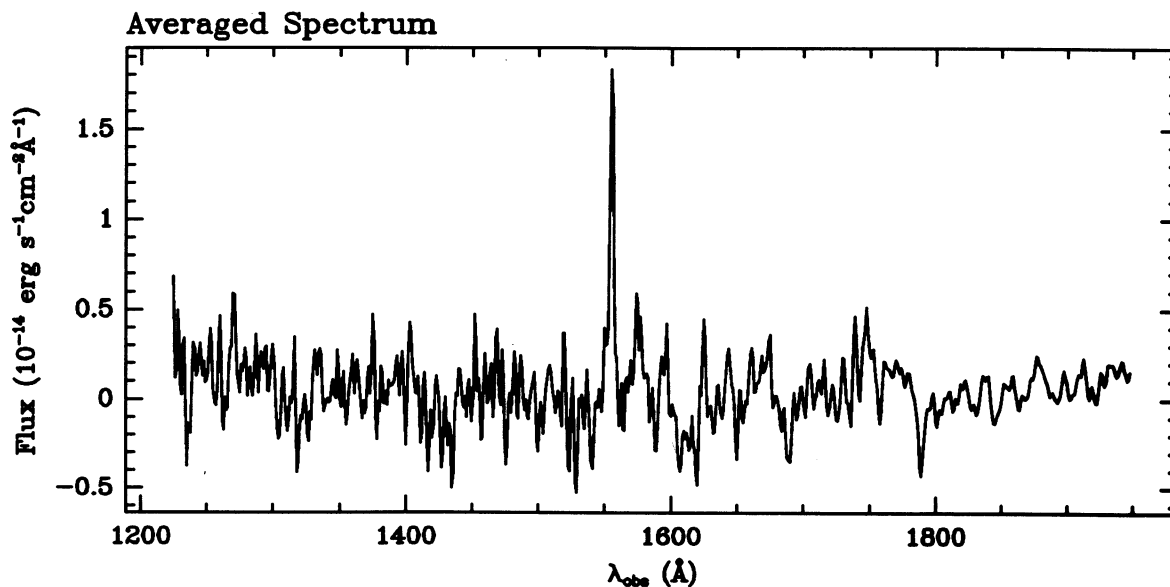
Right Ascension	:	3h 40m 27.00s
Declination	:	-47° 22' 47.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	ESO 249- 14

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
							cts/s		10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	
1	SWP 20134 L	45488.0	2 Jun 83	24840.0	129	141.42	0.96		203	
2	LWR 16064 L	45489.0	3 Jun 83	24540.0				0.72	308	

QSO 0351+026

Right Ascension	:	3h 51m 33.50s
Declination	:	2° 40' 33.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.036
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1295 Å	2279 Å	CEB	Flag
1	SWP 7444 L	44228.0	20 Dec 79	21360.0			0.09			06

X-Ray Spectra

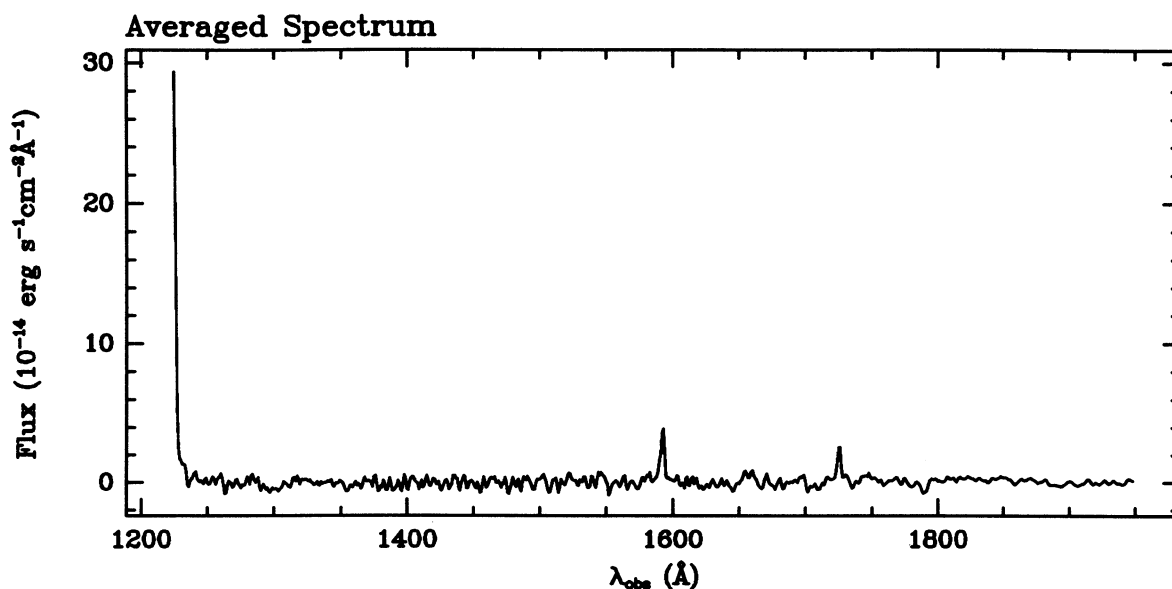
EINSTEIN	• 431	• 706	• 1265		
EXOSAT	• 105	• 498	• 499	• 1062	
	• 1069	• 1368	• 1372	• 1988	
	• 1994				

References

• 280 • 402 • 729 • 730

AOO 3C 98

Right Ascension	:	3h 56m 09.00s
Declination	:	10° 17' 37.0"
Object Type	:	Seyfert 2
ULDA Type	:	86
Redshift	:	0.031
Alternative Names	:	PKS 0356+102, 4C 10.12, NRAO 152
	:	OE 193, CTA 27



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
1	SWP 4256 L	43919.0	14 Feb 79	5400.0						11

X-Ray Spectra

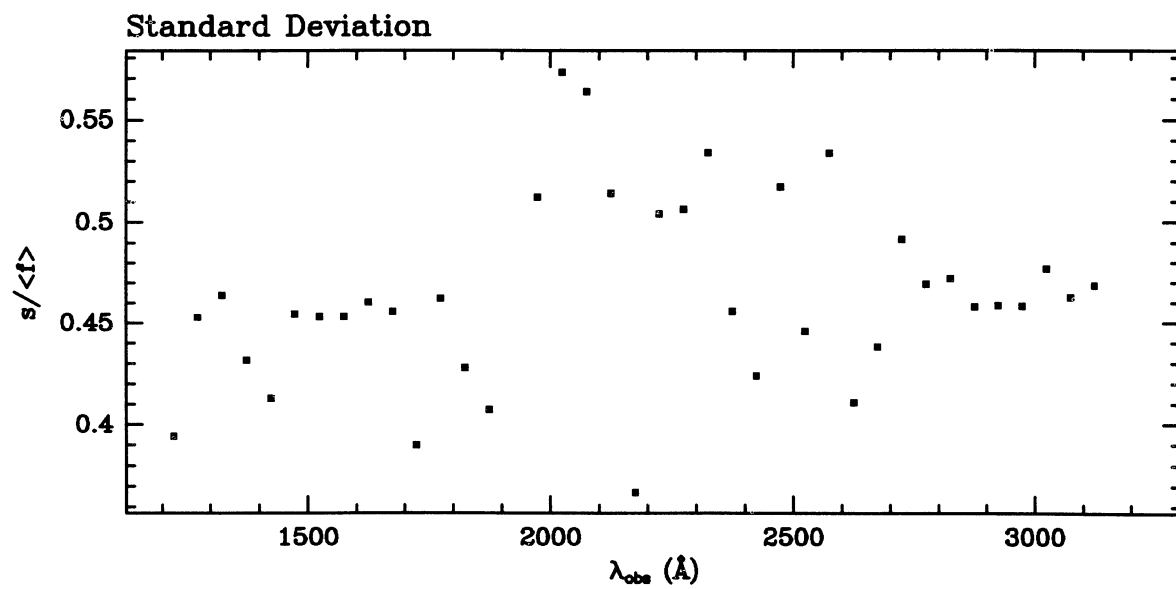
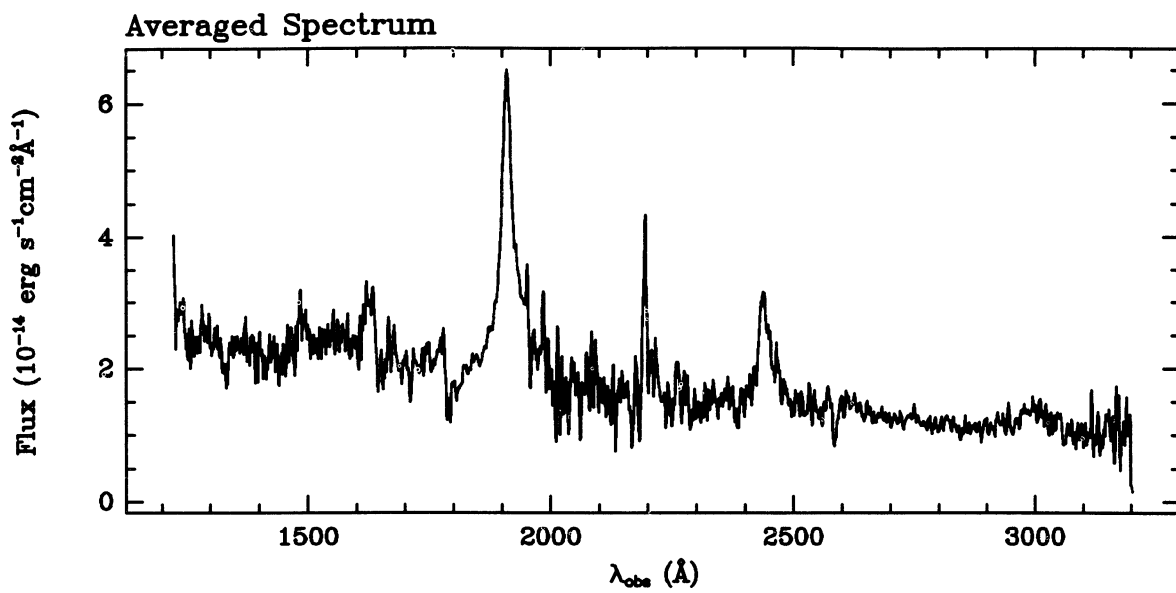
EINSTEIN	• 143	• 168	• 456	• 476
	• 711	• 714	• 734	• 1062
	• 1063	• 1259	• 1260	• 1262
EXOSAT	• 1061	• 1097		

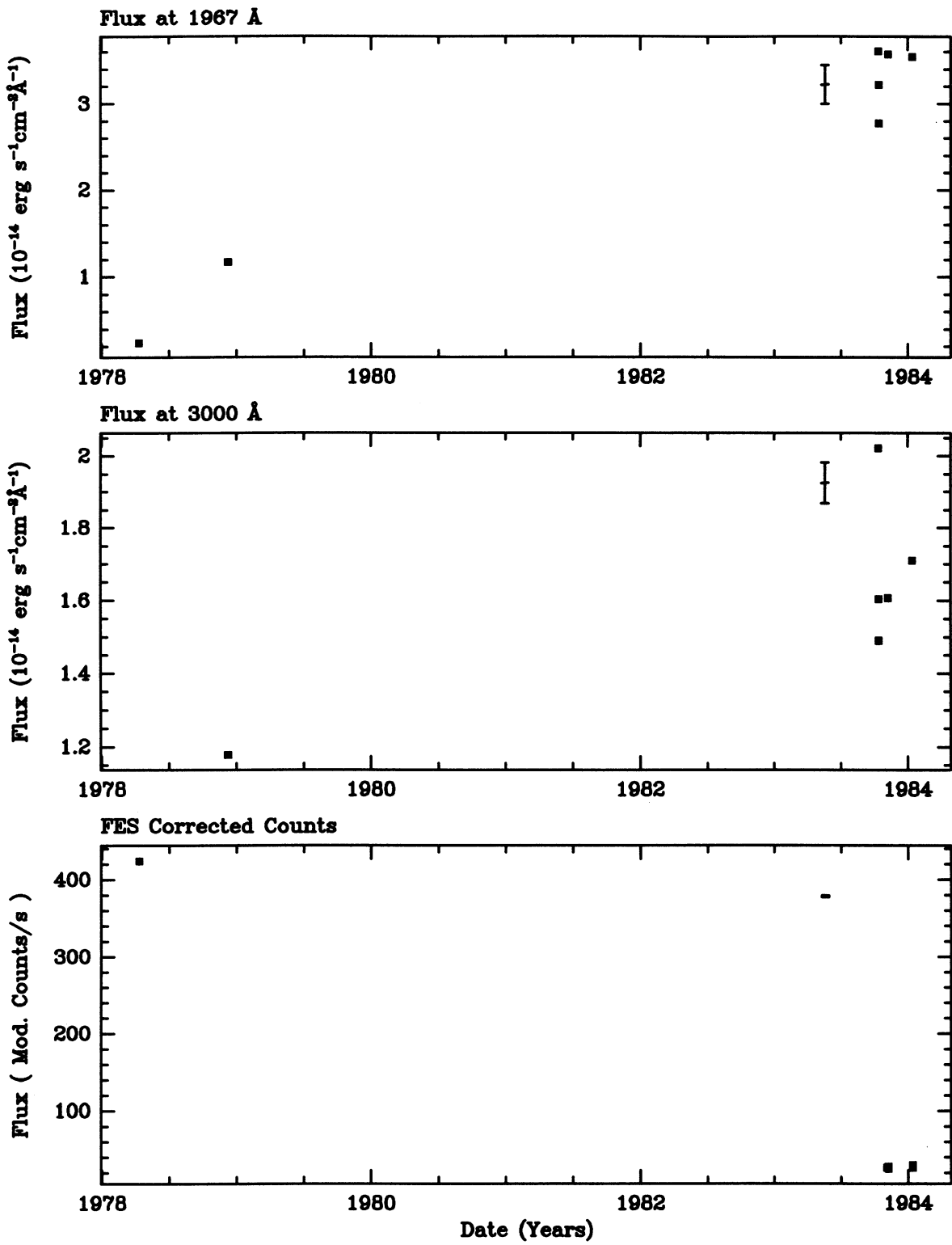
References

- 81 • 93 • 164 • 285 • 315 • 445 • 499

QSO 0405-123

Right Ascension	: 4h 05m 27.46s
Declination	: -12° 19' 32.3"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.574
Alternative Names	: OF -109, PKS 0405-123





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1967 Å	3000 Å	CEB	Flag
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1310	L	43611.0	12 Apr 78	10800.0	419	424.27	0.24			
2	SWP	1356	L	43611.0	12 Apr 78	10800.0						
3	SWP	3549	L	43850.0	7 Dec 78	6900.0						
4	LWR	3124	L	43851.0	8 Dec 78	7200.0			1.17	1.18		
5	SWP	3554	L	43851.0	8 Dec 78	10680.0						
6	LWR	16975	L	45621.0	13 Oct 83	1560.0			3.61	2.02	301	
7	SWP	21288	L	45621.0	13 Oct 83	13200.0					4x2	
8	LWR	16976	L	45622.0	14 Oct 83	7320.0			3.22	1.61	402	
9	LWR	16978	L	45622.0	14 Oct 83	12900.0			2.77	1.49	553	
10	SWP	21296	L	45623.0	15 Oct 83	11700.0					453	
11	SWP	21459	L	45644.0	5 Nov 83	23400.0	24	26.77			3x8	D
12	LWP	2247	L	45648.0	9 Nov 83	17100.0	25	27.90	3.58	1.61	408	D
13	SWP	21497	L	45648.0	9 Nov 83	5400.0	23	25.67			341	
14	LWP	2625	L	45714.0	14 Jan 84	4500.0	24	26.99	3.55	1.71	443	D
15	SWP	22010	L	45714.0	14 Jan 84	21000.0	27	30.37			5x5	

X-Ray Spectra

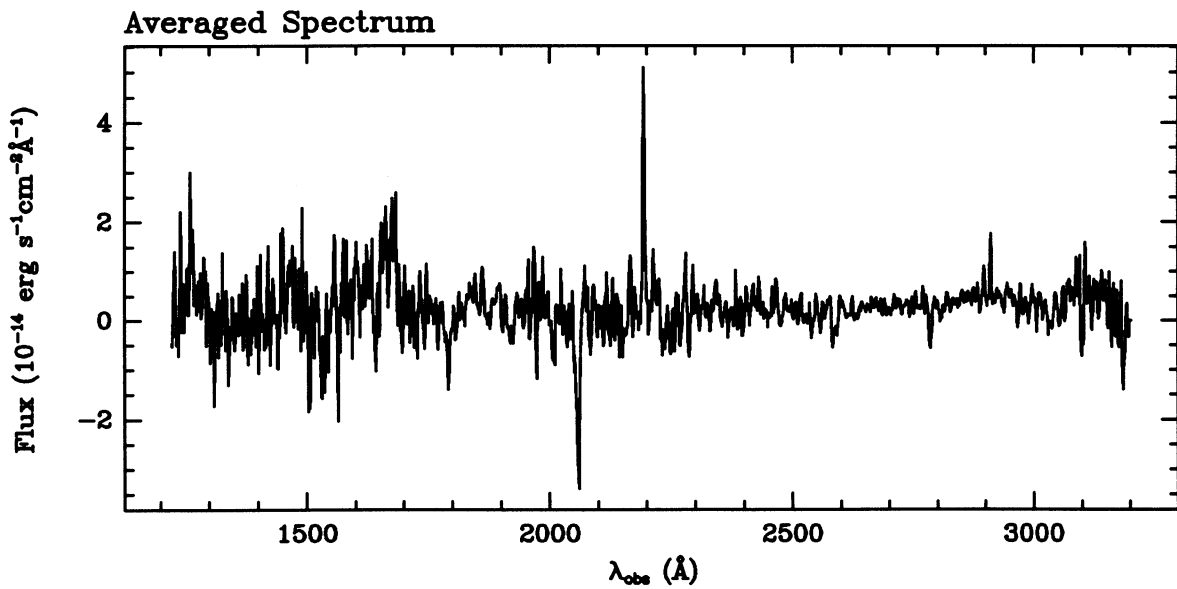
EINSTEIN • 707 • 1066
EXOSAT • 182 • 183 • 1032

References

• 9 • 14 • 52 • 99 • 153 • 191 • 213 • 295
• 300 • 302 • 414 • 423 • 450 • 480 • 504 • 590
• 598 • 701 • 729 • 730 • 743 • 745 • 747 • 830
• 842 • 845 • 895 • 930

QSO 0412-080

Right Ascension	:	4h 12m 27.00s
Declination	:	- 8° 03' 08.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.037
Alternative Names	:	



Observed Spectra

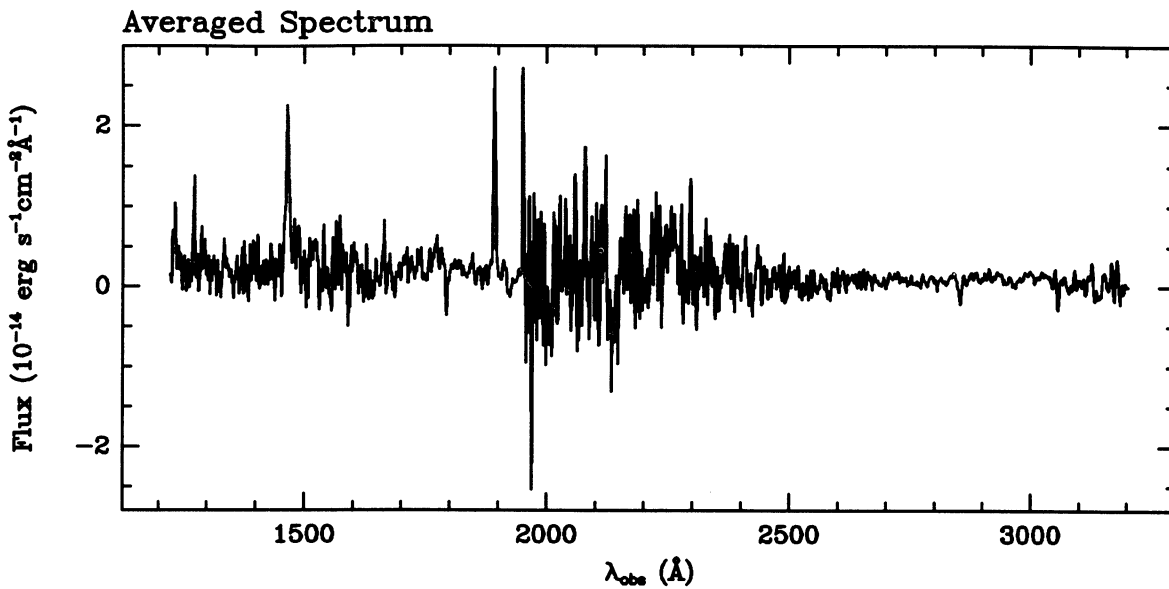
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1296 Å	2281 Å	CEB	Flag
1	SWP 20508 L	45541.0	25 Jul 83	6600.0			0.16		203	
2	LWR 16610 L	45564.0	17 Aug 83	10800.0				0.20	309	

X-Ray Spectra

EINSTEIN	• 428	• 444	• 1226	• 1277
EXOSAT	• 130	• 1410	• 1817	

QSO 0414+009

Right Ascension	:	4h 14m 17.60s
Declination	:	0° 58' 03.0"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.287
Alternative Names	:	

**Observed Spectra**

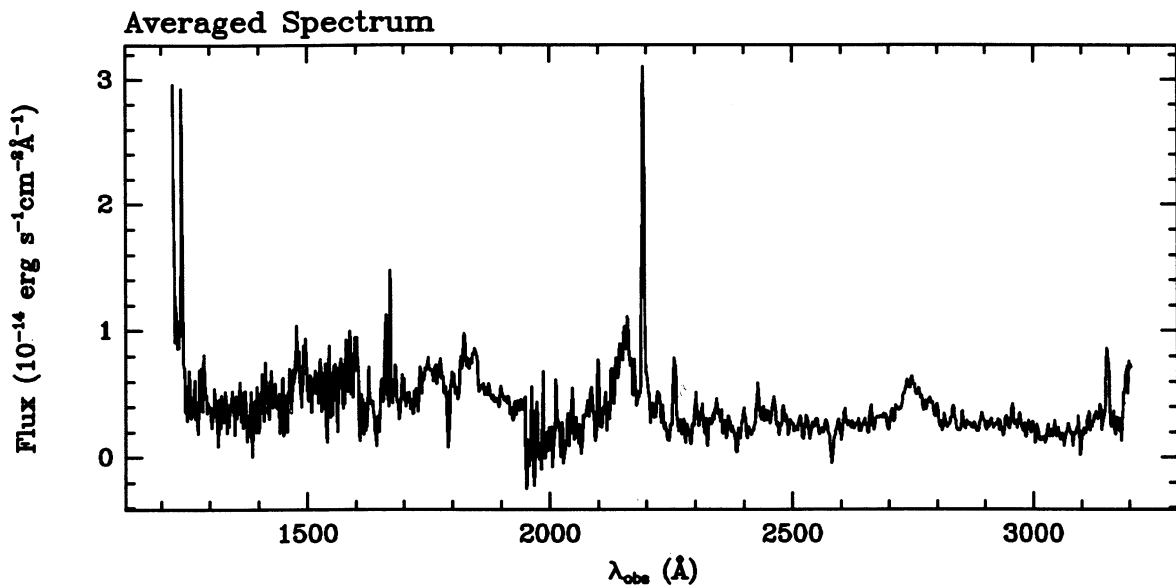
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1608 Å	2831 Å	CEB	Flag
1	SWP 29941 L	46787.0	22 Dec 86	21000.0			0.13		336	
2	LWP 10266 L	46859.0	4 Mar 87	4620.0				0.08	201	D
3	LWP 10310 L	46865.0	10 Mar 87	22200.0				0.03	306	D

X-Ray Spectra

EINSTEIN	• 439	• 712	• 738	• 1227
EXOSAT	• 242	• 1028	• 1041	• 1066
	• 1089	• 1816	• 2028	• 2035

QSO 0414-060

Right Ascension	:	4h 14m 49.18s
Declination	:	- 6° 01' 04.3"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.773
Alternative Names	:	PKS 0414-060, 4C -5.17, 3C 110
	:	OF -024, NRAO 170, PG 0414-06

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2216 \AA	3000 \AA	CEB	Flag
							10^{-14} erg s^{-1} cm^{-2} \AA^{-1}			
1	LWR 9628 L	44608.0	3 Jan 81	10800.0			1.34	0.33	343	
2	SWP 10952 L	44608.0	3 Jan 81	14400.0					3x3	
3	LWR 11827 L	44901.0	23 Oct 81	24540.0			0.58	0.29	348	
4	LWP 1365 L	44903.0	25 Oct 81	14400.0					000	
5	SWP 15329 L	44903.0	25 Oct 81	21660.0					332	

X-Ray Spectra

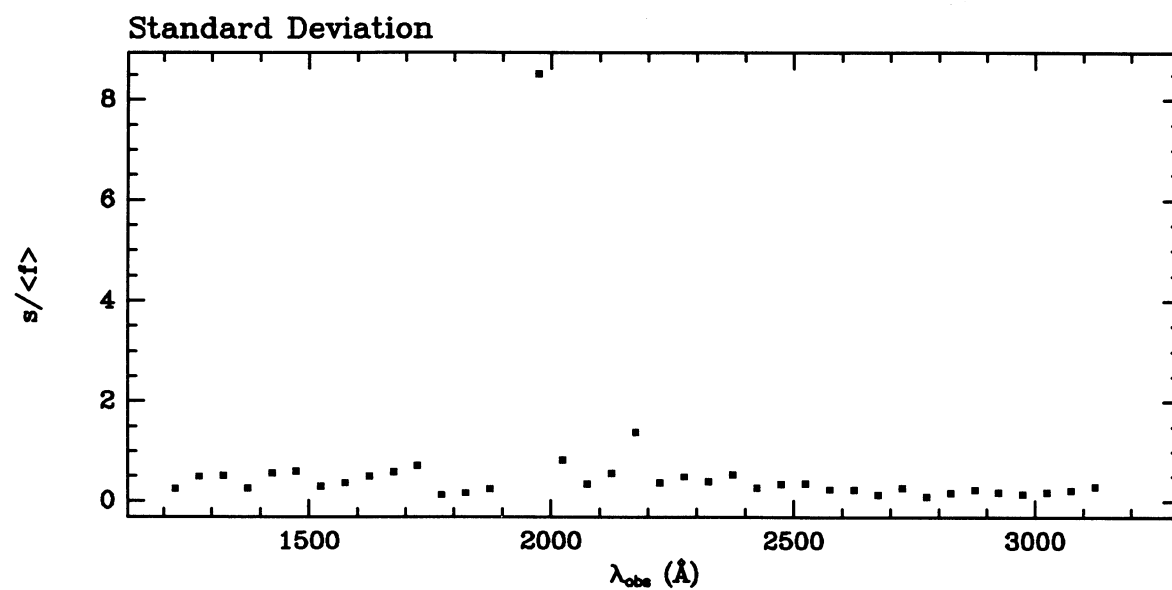
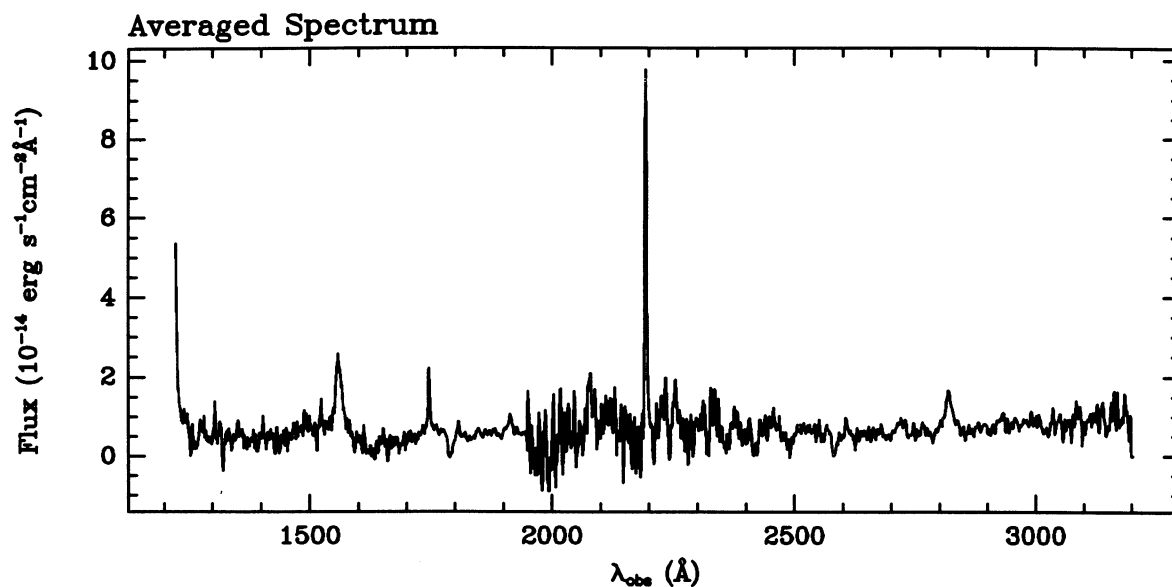
EINSTEIN • 153 • 438

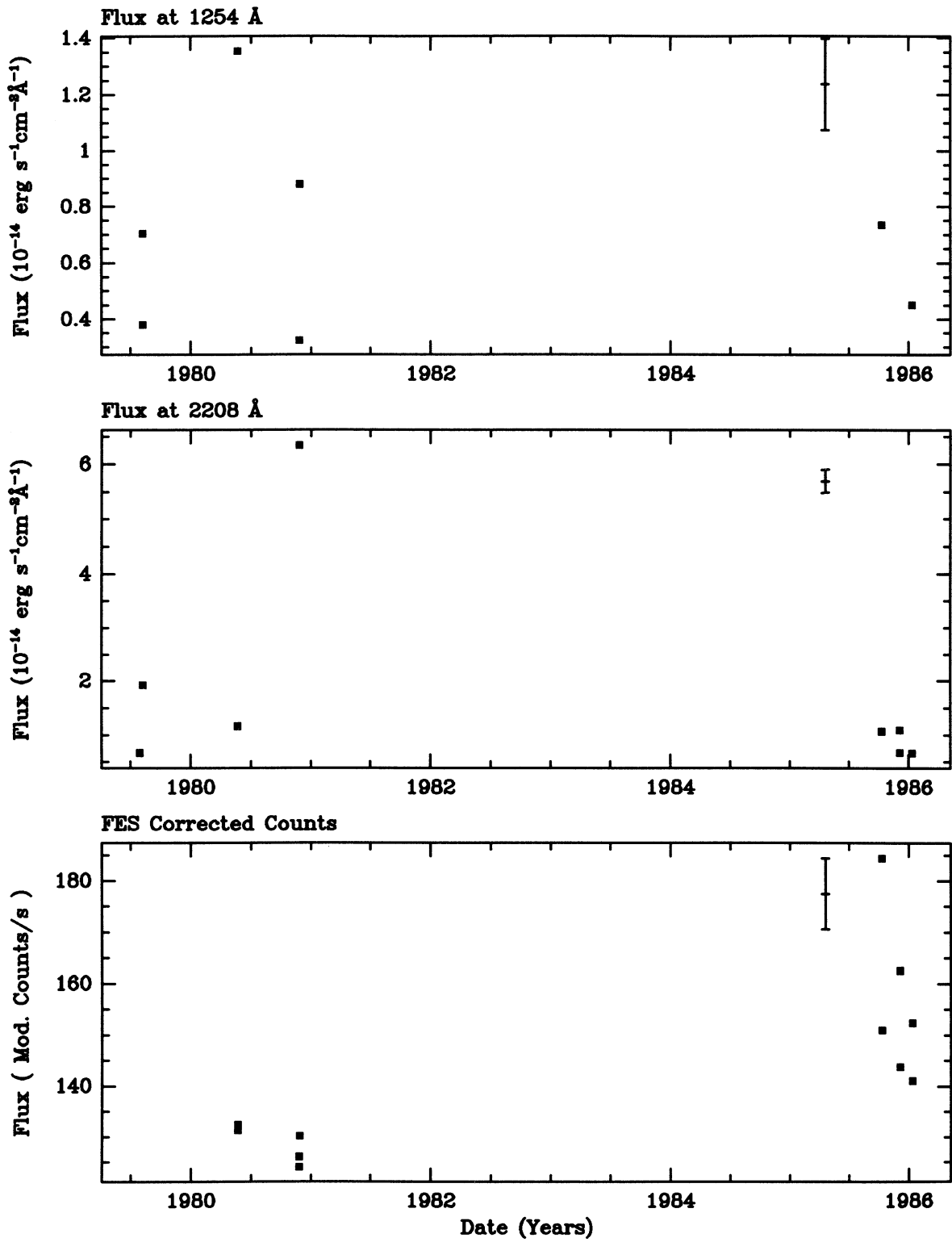
References

• 302 • 423 • 504 • 545 • 590 • 598 • 701 • 711
 • 729 • 730 • 830 • 842 • 930

NGC 1566

Right Ascension	: 4h 18m 53.00s
Declination	: -55° 03' 24.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.004
Alternative Names	: ESO 157- 20, EQ 0418-550
	: IRAS 04189-5503, 1E 0418.9-5503





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag	
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		
1	LWR	5217	L	44085.0	30 Jul 79	7200.0				0.67		23	
2	LWR	5310	L	44095.0	9 Aug 79	2100.0				1.93		20	
3	SWP	6129	L	44095.0	9 Aug 79	4800.0				0.38		20	
4	SWP	6130	L	44095.0	9 Aug 79	17100.0				0.70		30	
5	LWR	7826	L	44382.0	22 May 80	3420.0	129	131.37		1.17		332	
6	SWP	9071	L	44382.0	22 May 80	5400.0	130	132.39		1.35		331	
7	LWR	9391	L	44570.0	26 Nov 80	1500.0	123	126.12		6.34		332	
8	SWP	10681	L	44570.0	26 Nov 80	1800.0	121	124.07		0.32		231	
9	SWP	10694	L	44572.0	28 Nov 80	18600.0	127	130.23		0.88		338	
10	LWP	6887	L	46349.0	10 Oct 85	7200.0	122	151.03		1.07		334	D
11	SWP	26910	L	46349.0	10 Oct 85	16020.0	149	184.46		0.73		332	
12	LWP	7247	L	46405.0	5 Dec 85	7200.0	115	143.85		0.68		334	D
13	LWP	7249	L	46405.0	5 Dec 85	3780.0	130	162.61		1.10		332	D
14	LWP	7483	L	46443.0	12 Jan 86	6900.0	112	141.11		0.67		337	D
15	SWP	27518	L	46443.0	12 Jan 86	19200.0	121	152.45		0.45		337	

X-Ray Spectra

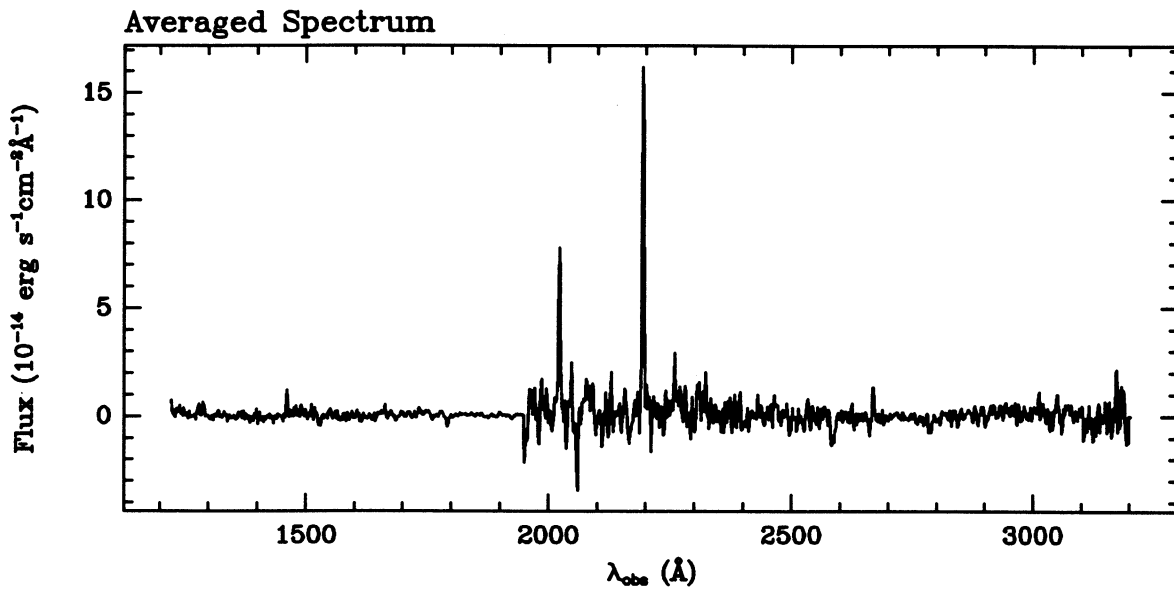
EINSTEIN	• 407	• 482	• 632	
EXOSAT	• 991	• 1098	• 1119	• 1169
	• 1237	• 1844	• 1862	• 1910
	• 1946	• 2002		

References

• 36	• 85	• 92	• 99	• 179	• 261	• 271	• 284
• 320	• 335	• 394	• 415	• 488	• 520	• 556	• 561
• 581	• 586	• 669	• 704	• 717	• 729	• 737	• 766
• 816	• 837	• 932	• 934				

QSO 0420-388

Right Ascension	:	4h 20m 30.07s
Declination	:	-38° 51' 50.4"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.123
Alternative Names	:	PKS 0420-388



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 13524 L	45140.0	19 Jun 82	3180.0					303	
2	SWP 17259 L	45140.0	19 Jun 82	21600.0			0.12	0.20	05	
3	LWR 13529 L	45141.0	20 Jun 82	2400.0				0.15	302	
4	SWP 17269 L	45141.0	20 Jun 82	21600.0			0.41		07	
5	LWR 13542 L	45143.0	22 Jun 82	2100.0				0.30	302	
6	SWP 17280 L	45143.0	22 Jun 82	21600.0					07	

X-Ray Spectra

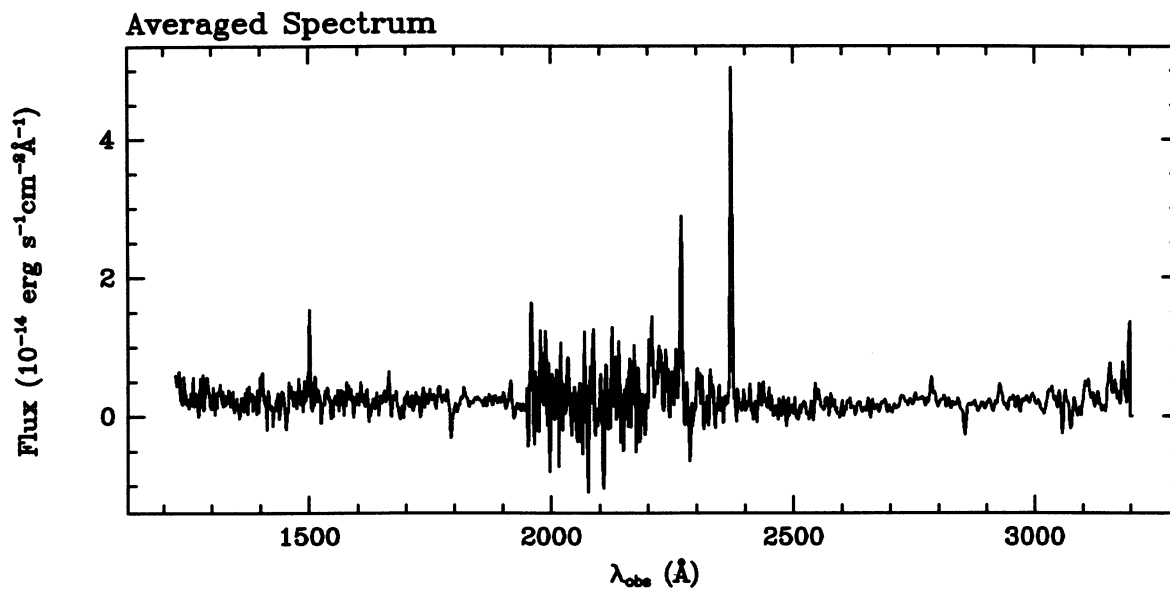
EINSTEIN • 170 • 464

References

- 296 • 426 • 491 • 585 • 591 • 613 • 628 • 687
- 701 • 729 • 730 • 776 • 855 • 858

QSO 0422+004

Right Ascension	:	4h 22m 12.46s
Declination	:	0° 29' 16.9"
Object Type	:	BL Lac HP
ULDA Type	:	85,87
Redshift	:	Unknown
Alternative Names	:	OF 038, PKS 0422+004

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWP 11538 L	47039.0	31 Aug 87	9000.0					303	D
2	SWP 31687 L	47040.0	1 Sep 87	21780.0			0.20	0.45	303	
3	SWP 32697 L	47171.0	10 Jan 88	24000.0	10	15.00	0.42		303	

X-Ray Spectra

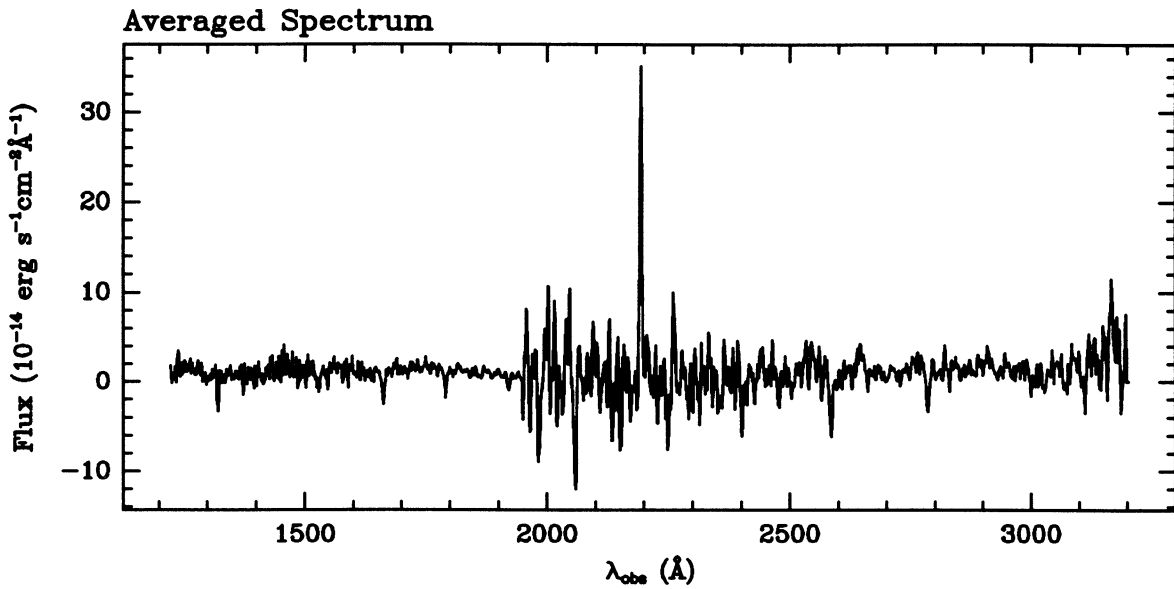
EINSTEIN	• 432	• 439	• 478	• 709
	• 712	• 738	• 739	• 1227
EXOSAT	• 1028	• 1041	• 1066	• 1089

References

- 527 • 751 • 827

NGC 1569

Right Ascension	:	4h 26m 04.00s
Declination	:	64° 44' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	ZW VII 16, UGC 3056
	:	MCG+11-06-0001, IRAS 0426+647P01



Observed Spectra

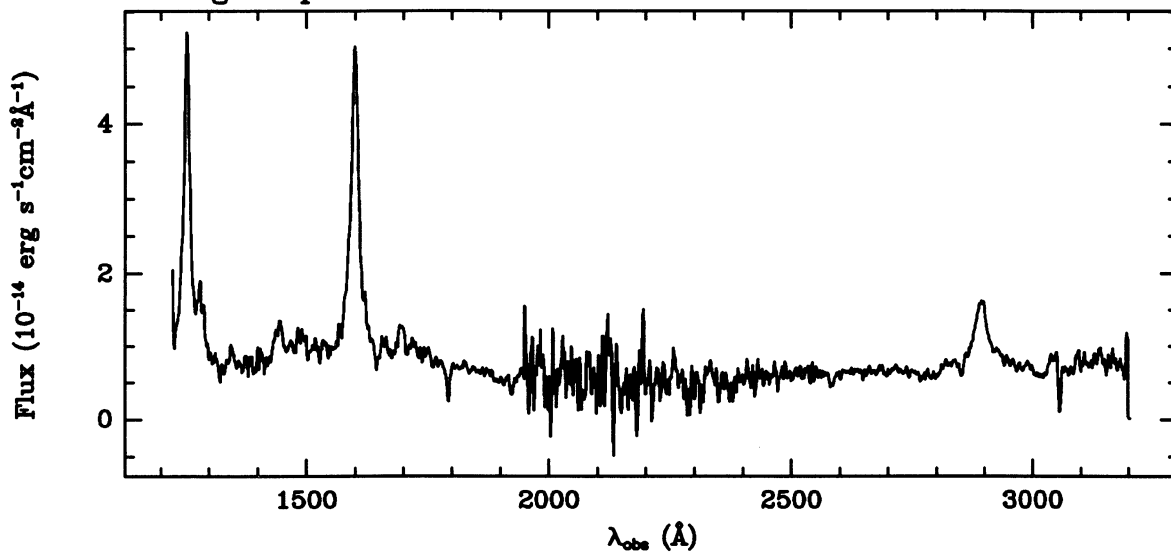
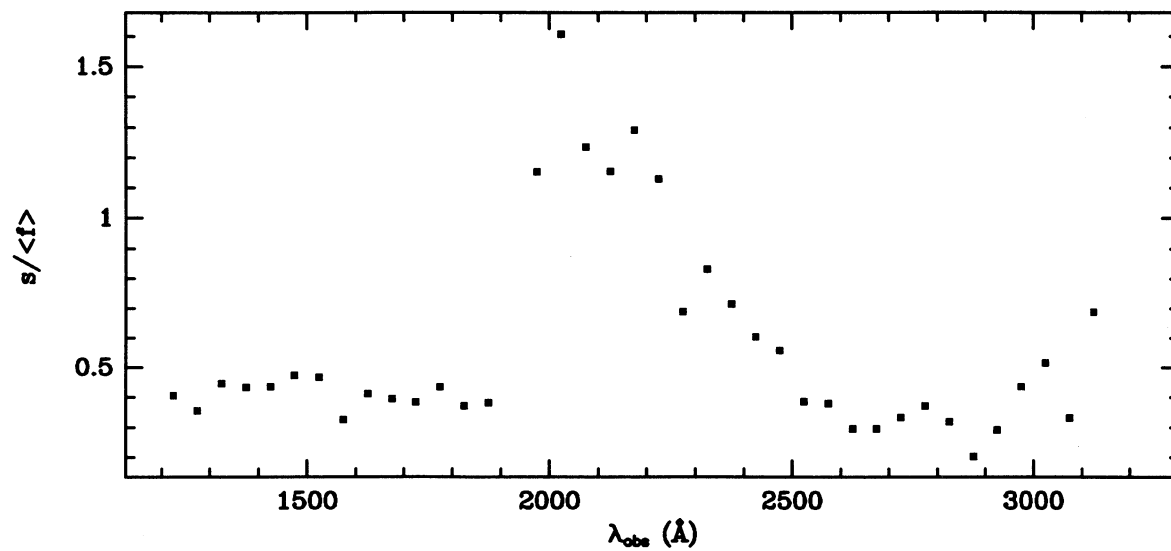
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
								10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹		
1	LWR 11195 L	44817.0	31 Jul 81	1800.0						306
2	SWP 14601 L	44817.0	31 Jul 81	5220.0			2.34	3.99		309
3	SWP 14614 L	44818.0	1 Aug 81	10440.0			0.61			306

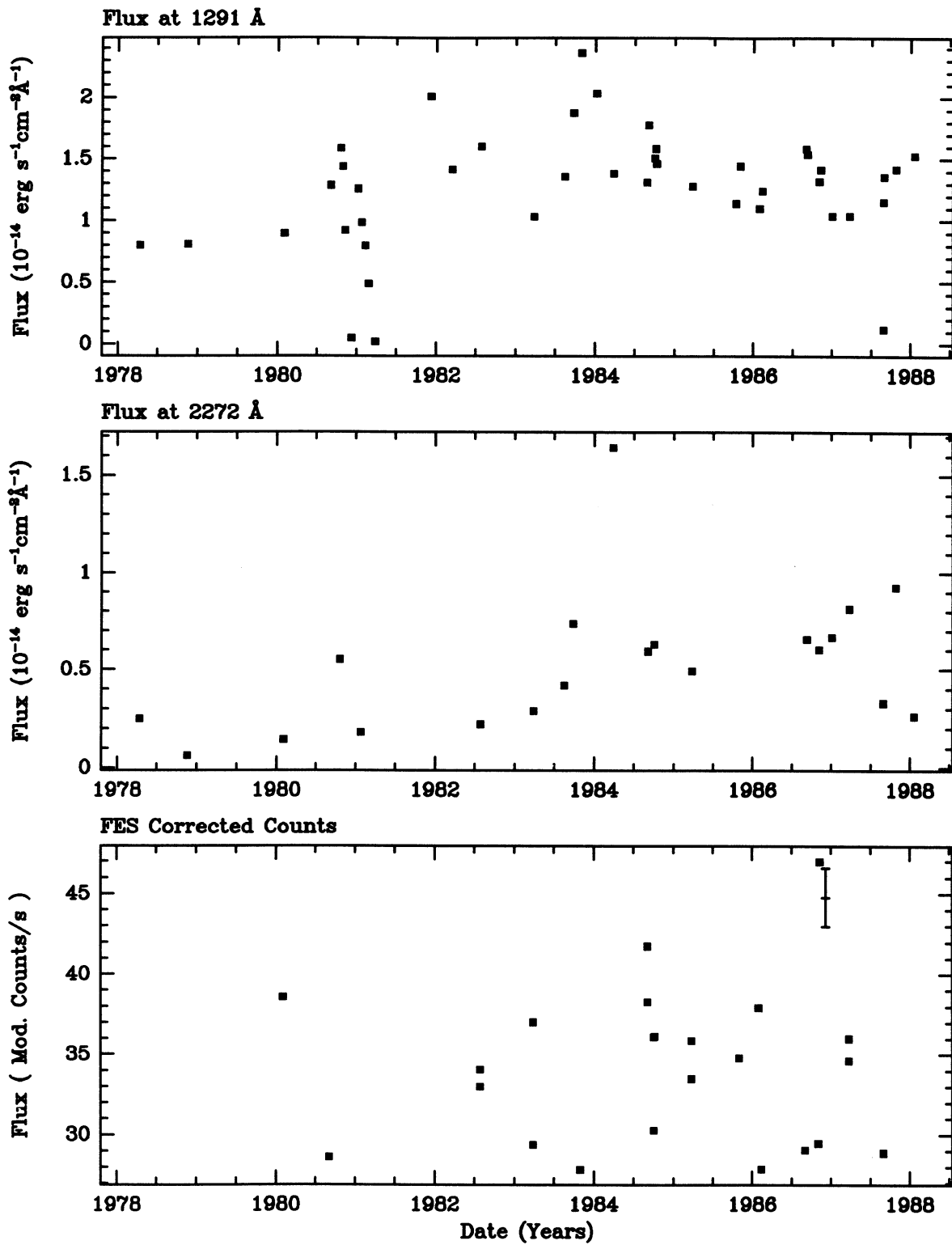
References

- 167
- 252
- 581
- 646
- 836
- 897

MCG +01-12-0009

Right Ascension	: 4h 30m 31.66s
Declination	: 5° 14' 59.0"
Object Type	: Seyfert 1
ULDA Type	: 84,85,86
Redshift	: 0.033
Alternative Names	: ZW II 14, 3C 120, PKS 0430+052, UGC 3087
	: IRAS 04305+0514, QSO 0430+052, 4U 0430+05, MRK 1506

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1291 Å	2272 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1317	L	43613.0	14 Apr 78	10800.0				0.25		
2	SWP	1360	L	43613.0	14 Apr 78	10800.0			0.80			
3	LWR	2983	L	43832.0	19 Nov 78	14400.0				0.06		
4	SWP	3393	L	43833.0	20 Nov 78	10800.0			0.81			
5	LWR	6849	L	44273.0	3 Feb 80	11340.0				0.15	252	
6	SWP	7855	L	44273.0	3 Feb 80	11640.0	38	38.58	0.90		232	
7	SWP	10003	L	44487.0	4 Sep 80	12600.0	28	28.62	1.29		236	
8	LWR	9102	L	44532.0	19 Oct 80	11820.0				0.55	466	D
9	SWP	10416	L	44532.0	19 Oct 80	10800.0			1.59		342	
10	SWP	10501	L	44542.0	29 Oct 80	9420.0			1.44		331	
11	SWP	10589	L	44555.0	11 Nov 80	10020.0			0.92		241	
12	SWP	10795	L	44584.0	10 Dec 80	10800.0			0.05		000	
13	SWP	11016	L	44615.0	10 Jan 81	10560.0			1.26		231	
14	LWR	9778	L	44630.0	25 Jan 81	10800.0				0.18	345	
15	SWP	11147	L	44630.0	25 Jan 81	13500.0			0.99		242	
16	SWP	11292	L	44648.0	12 Feb 81	12000.0			0.80		242	
17	SWP	13375	L	44663.0	27 Feb 81	12000.0			0.49		232	
18	SWP	13614	L	44694.0	30 Mar 81	10800.0			0.02		206	
19	SWP	15685	L	44947.0	8 Dec 81	12000.0			2.01		343	
20	SWP	16557	L	45046.0	17 Mar 82	12000.0			1.42		343	
21	LWR	13786	L	45179.0	28 Jul 82	9000.0	32	34.08		0.22	345	
22	SWP	17506	L	45179.0	28 Jul 82	14400.0	31	33.01	1.61		343	
23	LWR	15618	L	45424.0	30 Mar 83	9000.0	27	29.40		0.29	345	
24	SWP	19587	L	45424.0	30 Mar 83	16200.0	34	37.03	1.03		344	
25	LWR	16609	L	45563.0	16 Aug 83	8640.0				0.42	345	
26	SWP	20705	L	45563.0	16 Aug 83	16200.0			1.36		342	
27	SWP	21173	L	45603.0	25 Sep 83	16200.0			1.88		345	
28	LWR	16874	L	45604.0	26 Sep 83	8100.0				0.74	343	
29	SWP	21419	L	45639.0	31 Oct 83	10620.0	25	27.87	2.37		341	
30	SWP	21969	L	45708.0	8 Jan 84	11280.0			2.04		341	
31	LWP	3053	L	45789.0	29 Mar 84	8100.0				1.64	x09	D
32	SWP	22616	L	45789.0	29 Mar 84	16200.0			1.39		336	
33	SWP	23799	L	45941.0	28 Aug 84	21600.0			1.31		355	
34	LWP	4153	L	45949.0	5 Sep 84	7800.0	33	38.29		0.60	343	D
35	SWP	23880	L	45949.0	5 Sep 84	13200.0	36	41.77	1.78		341	
36	LWP	4500	L	45978.0	4 Oct 84	7200.0	26	30.30		0.63	341	D
37	SWP	24115	L	45978.0	4 Oct 84	12600.0	31	36.12	1.51		341	
38	SWP	24155	L	45983.0	9 Oct 84	11400.0	31	36.15	1.59		341	
39	SWP	24165	L	45986.0	12 Oct 84	11400.0			1.46		331	
40	LWP	5610	L	46152.0	27 Mar 85	8100.0	28	33.51		0.49	304	D
41	SWP	25530	L	46152.0	27 Mar 85	14400.0	30	35.90	1.28		343	
42	SWP	26930	L	46352.0	13 Oct 85	3600.0			1.14		231	
43	SWP	27009	L	46372.0	2 Nov 85	7200.0	28	34.81	1.45		331	
44	SWP	27634	L	46461.0	30 Jan 86	6600.0	30	37.93	1.10		231	
45	SWP	27709	L	46475.0	13 Feb 86	11160.0	22	27.89	1.24		332	
46	SWP	29123	L	46677.0	3 Sep 86	9120.0	22	29.09	1.59		334	
47	LWP	9048	L	46683.0	9 Sep 86	4200.0				0.66	332	D
48	SWP	29178	L	46683.0	9 Sep 86	7200.0			1.54		332	
49	SWP	29591	L	46738.0	3 Nov 86	8400.0	22	29.49	1.32		333	
50	LWP	9461	L	46739.0	4 Nov 86	3300.0	22	29.49		0.61	333	D
51	SWP	29654	L	46745.0	10 Nov 86	9540.0	35	46.99	1.42		332	
52	LWP	9850	L	46799.0	3 Jan 87	5400.0				0.67	334	D
53	SWP	30015	L	46799.0	3 Jan 87	10800.0			1.05		334	
54	LWP	10407	L	46879.0	24 Mar 87	5100.0	26	36.04		0.82	335	D
55	SWP	30599	L	46879.0	24 Mar 87	9600.0	25	34.65	1.04		334	
56	LWP	11524	L	47037.0	29 Aug 87	3000.0				0.33	332	D
57	SWP	31668	L	47037.0	29 Aug 87	12000.0			0.12		110	
58	SWP	31675	L	47038.0	30 Aug 87	10800.0			1.16		331	
59	SWP	31682	L	47040.0	1 Sep 87	7500.0	20	28.90	1.36		333	
60	LWP	11946	L	47094.0	25 Oct 87	5100.0				0.93	333	D
61	SWP	32156	L	47094.0	25 Oct 87	9600.0			1.42		334	
62	LWP	12536	L	47181.0	20 Jan 88	4800.0				0.27	333	
63	SWP	32760	L	47181.0	20 Jan 88	9000.0			1.53		334	

X-Ray Spectra

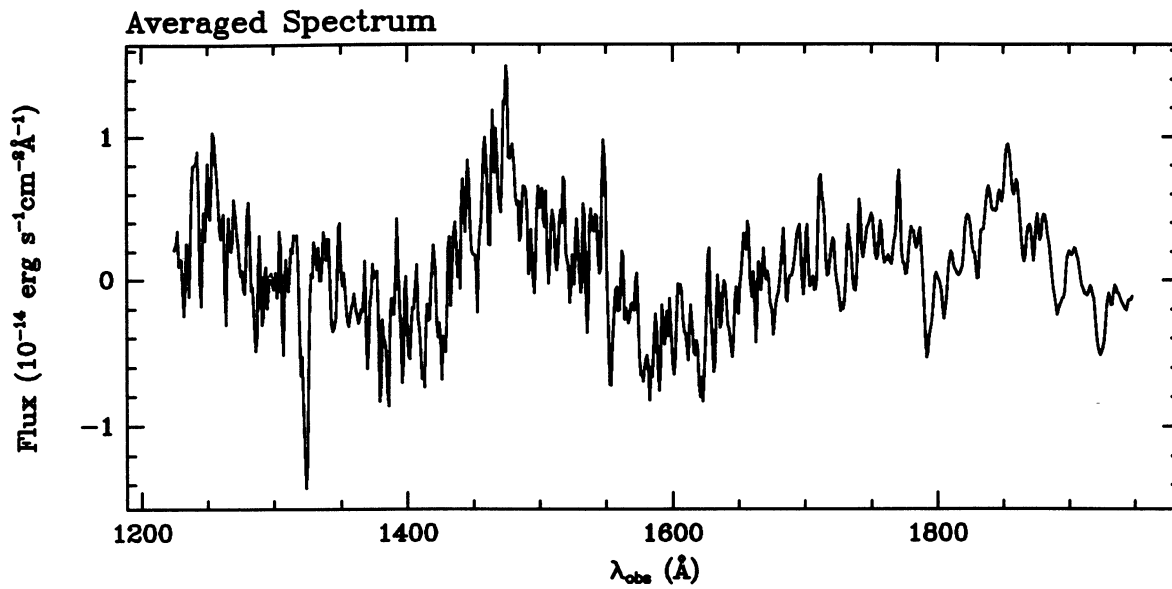
EINSTEIN	• 144	• 171	• 445	• 446
	• 477	• 1093	• 1103	• 1106
EXOSAT	• 95	• 279	• 350	• 472
	• 1018	• 1096	• 1099	• 1103
	• 1107	• 1115	• 1120	• 1403
	• 1845	• 2024	• 2040	

References

• 16	• 26	• 57	• 58	• 69	• 71	• 76	• 85
• 94	• 143	• 145	• 156	• 158	• 175	• 179	• 212
• 227	• 261	• 284	• 288	• 296	• 300	• 315	• 320
• 359	• 374	• 406	• 439	• 468	• 488	• 504	• 515
• 521	• 555	• 562	• 564	• 573	• 588	• 607	• 636
• 641	• 651	• 654	• 662	• 669	• 729	• 776	• 804
• 810	• 816	• 845	• 853	• 894	• 899	• 932	

ABCG 496

Right Ascension	:	4h 31m 19.00s
Declination	:	-13° 21' 55.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.033
Alternative Names	:	4U 0431-12, H 0431-13.4

**Observed Spectra**

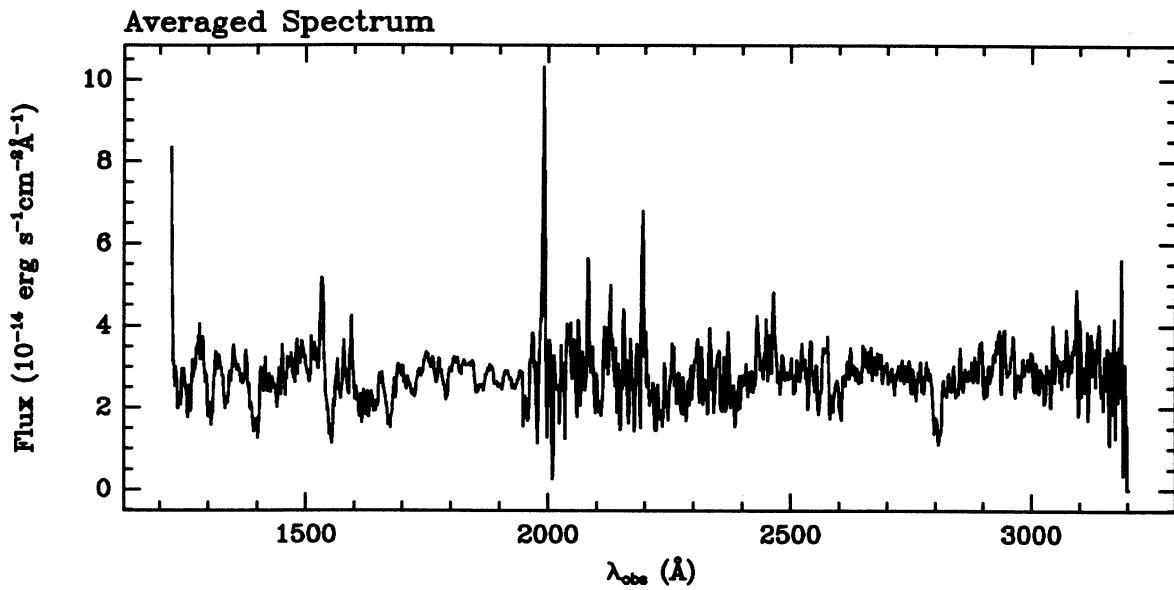
#	Observation	Date		Exposure Time s	FES		Flux 1291 Å 2272 Å $10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	Code	
		MJD	Civilian		Raw	Corr.		CEB	Flag
1	SWP 25497 L	46146.0	21 Mar 85	20100.0			0.06	07	
2	SWP 25497 S	46146.0	21 Mar 85	20100.0				07	D

References

• 190 • 373 • 658 • 779 • 799 • 935

NGC 1672

Right Ascension	:	4h 44m 55.00s
Declination	:	-59° 20' 18.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	ESO 118- 43, IRAS 04449-5920

**Observed Spectra**

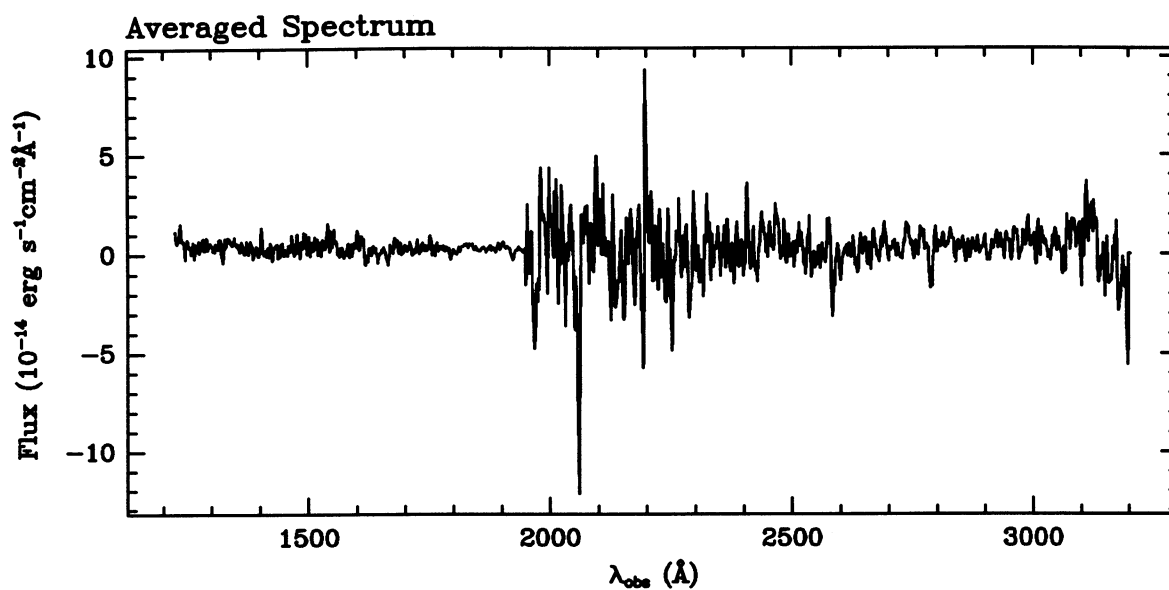
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	10707	L	44573.0	29 Nov 80	6180.0			2.75			311
2	LWR	13523	L	45140.0	19 Jun 82	2940.0				2.86		303
3	SWP	17257	L	45140.0	19 Jun 82	4500.0	45	47.77	2.45			301

References

- 875

NGC 1667

Right Ascension	:	4h 46m 10.50s
Declination	:	- 6° 24' 24.0"
Object Type	:	Seyfert 2
ULDA Type	:	88
Redshift	:	0.015
Alternative Names	:	MCG-01-13-0013, IRAS 04461-0624



Observed Spectra

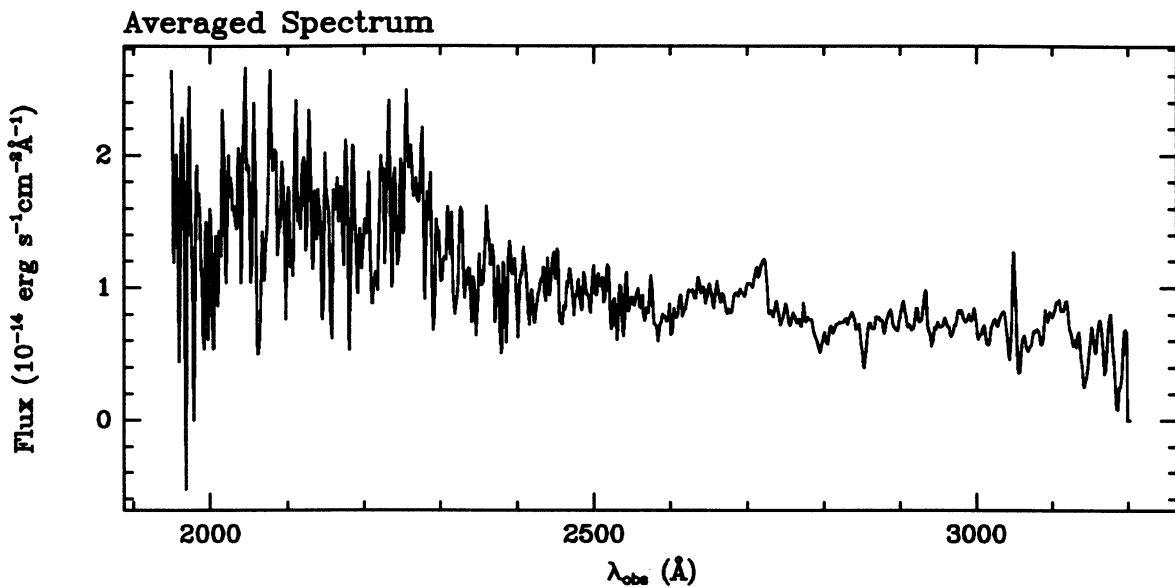
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1268 Å	2233 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	15644	L	45427.0	2 Apr 83	4680.0	54	58.83			09	
2	SWP	19608	L	45427.0	2 Apr 83	18600.0	57	62.09	0.38		275	

References

• 181 • 313 • 445

NGC 1705

Right Ascension	:	4h 53m 06.00s
Declination	:	-53° 26' 30.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	ESO 158- 13, IRAS 04531-5326

**Observed Spectra**

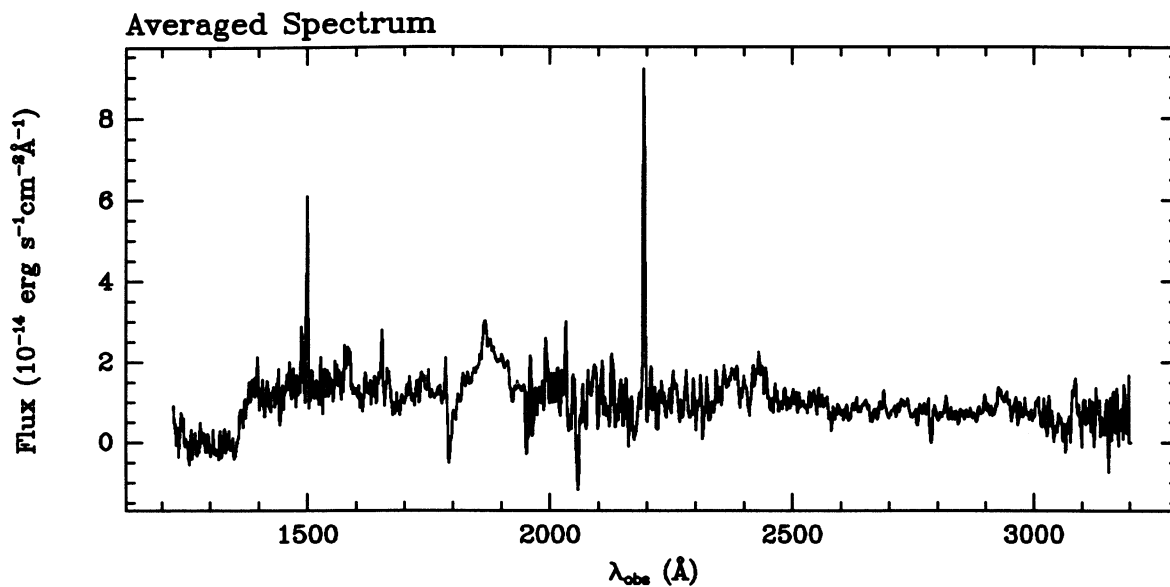
#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag	
										$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP	5952	L	46196.0	10 May 85	14400.0				0.21	114	D	
2	LWP	5988	L	46202.0	16 May 85	8940.0				2.55	445	D	

References

- 220
- 252
- 421
- 881

QSO 0454-220

Right Ascension	:	4h 54m 02.20s
Declination	:	-22° 03' 56.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.534
Alternative Names	:	PKS 0454-220, PG 0454-22

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1917 Å	3000 Å	CEB	Flag
1	LWR 15270 L	45378.0	12 Feb 83	5820.0			1.70	0.74	303	
2	SWP 19243 L	45379.0	13 Feb 83	18000.0					348	

X-Ray Spectra

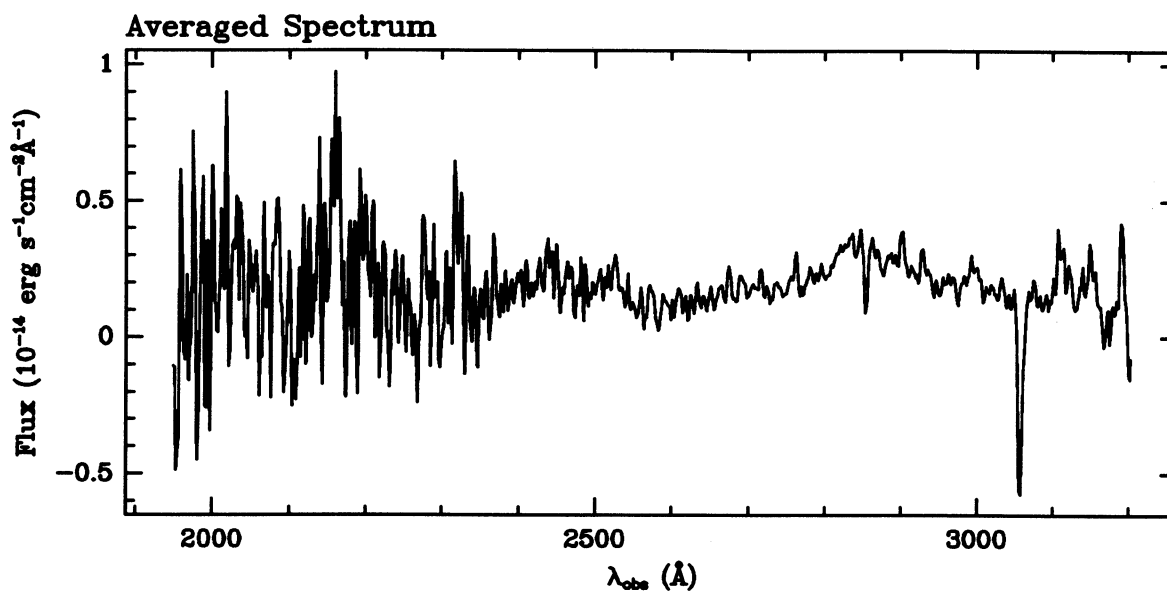
EINSTEIN • 1076 • 1120

References

• 265 • 423 • 504 • 590 • 598 • 701 • 714 • 741
 • 745 • 842 • 858

QSO 0454+039

Right Ascension	:	4h 54m 08.80s
Declination	:	3° 56' 13.0"
Object Type	:	Quasar
ULDA Type	:	85,87
Redshift	:	1.345
Alternative Names	:	PKS 0454+039, OF 092

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 9103 L	44532.0	19 Oct 80	25440.0			0.12	306		
2	LWP 4680 L	46004.0	30 Oct 84	24540.0			0.23	346	D	
3	LWP 7433 L	46432.0	1 Jan 86	21300.0			0.17	339		
4	LWP 7440 L	46433.0	2 Jan 86	14400.0			0.29	339		

X-Ray Spectra

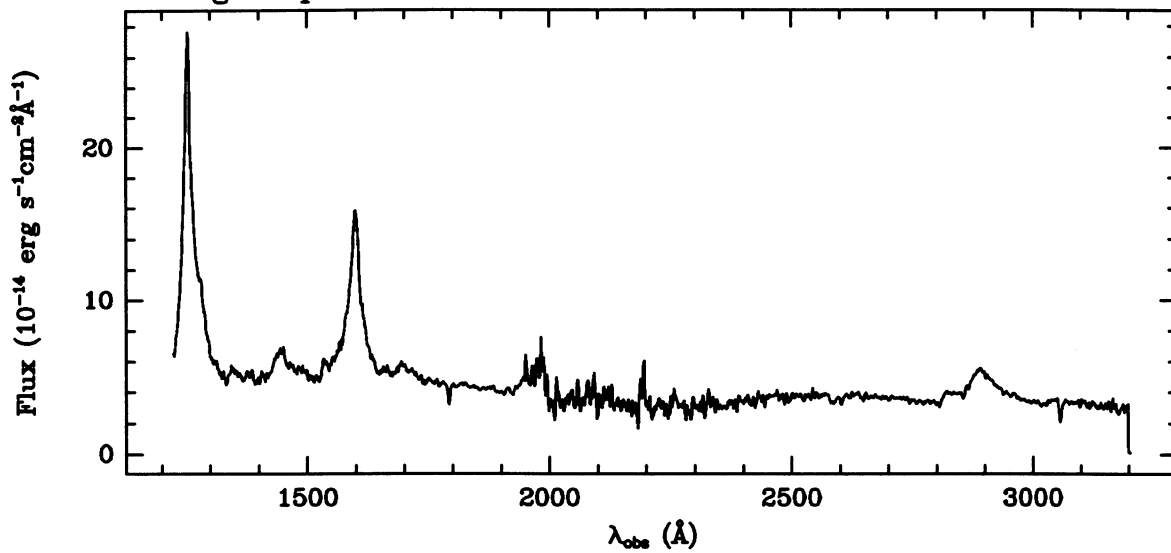
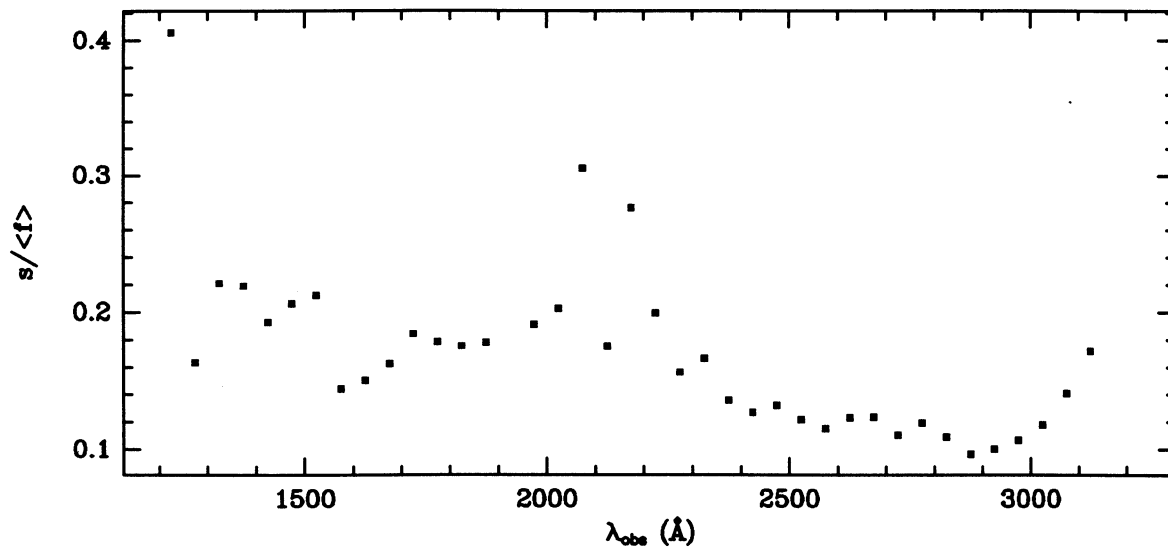
EINSTEIN • 472 • 1108

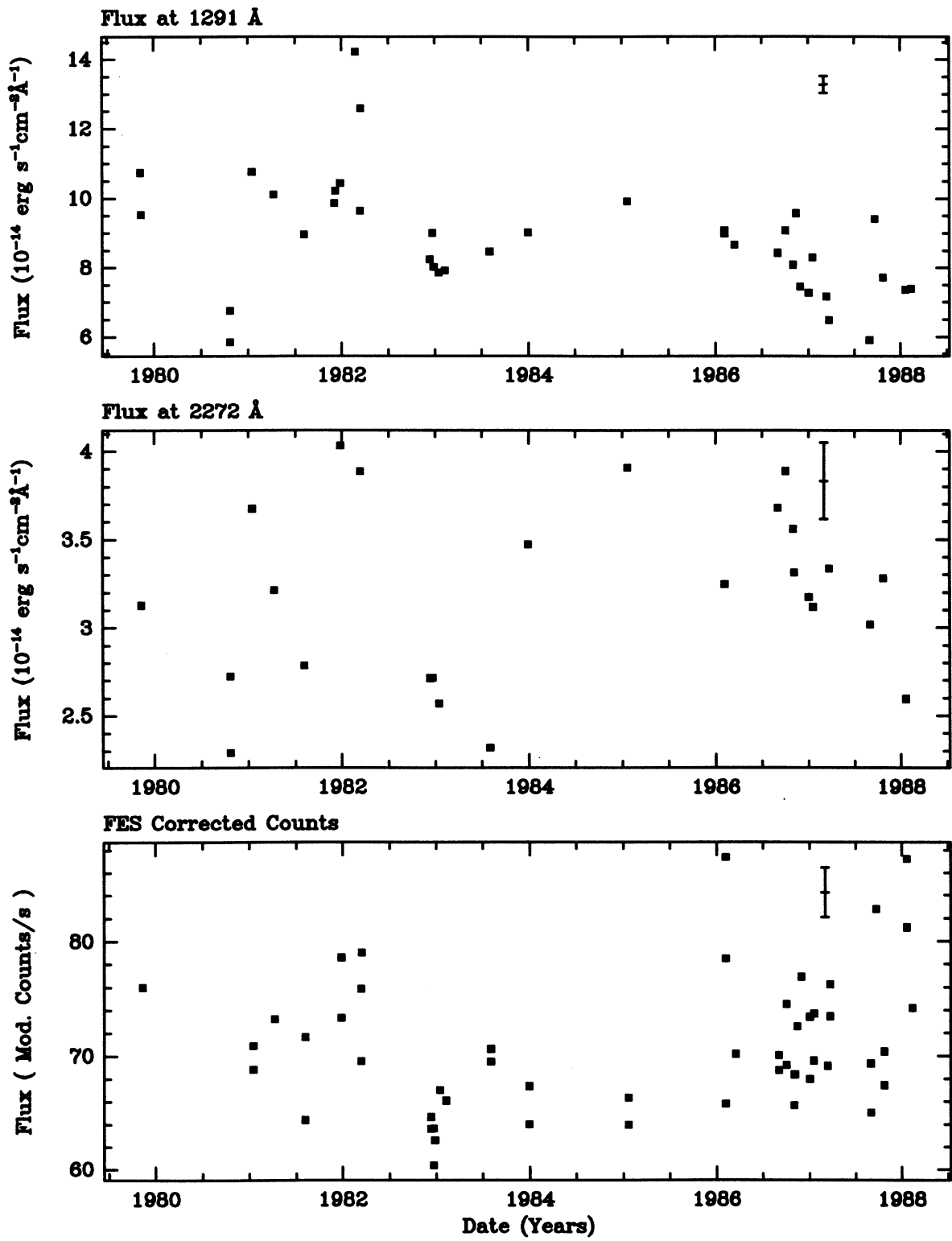
References

• 10 • 153 • 189 • 265 • 302 • 801 • 806 • 842
 • 858 • 930

MRK 1095

Right Ascension	: 5h 13m 38.00s
Declination	: - 0° 12' 17.0"
Object Type	: Seyfert 1
ULDA Type	: 84,85
Redshift	: 0.033
Alternative Names	: MCG+00-14-0018, ARK 120
	: UGC 3271, IRAS 05136-0012

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1291 Å	2272 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 7122 L	44187.0	9 Nov 79	7200.0			10.75		553	
2	LWR 6095 L	44189.0	11 Nov 79	6000.0	75	76.01		3.13	567	
3	SWP 7132 L	44189.0	11 Nov 79	1800.0	75	76.01	9.54		231	
4	LWR 9126 L	44535.0	22 Oct 80	4200.0				2.73	452	
5	LWR 9127 L	44535.0	22 Oct 80	8400.0				2.29	364	
6	SWP 10451 L	44535.0	22 Oct 80	6000.0			6.76		341	
7	SWP 10452 L	44535.0	22 Oct 80	4800.0			5.85		231	
8	LWR 9725 L	44621.0	16 Jan 81	4920.0	69	70.91		3.68	502	
9	SWP 11063 L	44621.0	16 Jan 81	6600.0	67	68.85	10.78		455	
10	SWP 13697 L	44705.0	10 Apr 81	5400.0	71	73.26	10.12		357	
11	LWR 10334 L	44706.0	11 Apr 81	3900.0				3.22	552	
12	LWR 11255 L	44823.0	6 Aug 81	9900.0	69	71.66		2.79	553	
13	SWP 14670 L	44823.0	6 Aug 81	13500.0	62	64.39	8.96		354	
14	SWP 15624 L	44942.0	3 Dec 81	6600.0			9.87		352	
15	SWP 15684 L	44947.0	8 Dec 81	6600.0			10.22		452	
16	LWR 12225 L	44966.0	27 Dec 81	2400.0	70	73.36		4.03	402	
17	SWP 15888 L	44966.0	27 Dec 81	3600.0	75	78.60	10.45		341	
18	SWP 16425 L	45026.0	25 Feb 82	7200.0			14.24		4x5	
19	LWR 12782 L	45043.0	14 Mar 82	1740.0	72	75.87		3.89	333	
20	SWP 16527 L	45043.0	14 Mar 82	3000.0	66	69.54	9.64		340	
21	SWP 16558 L	45046.0	17 Mar 82	6600.0	75	79.04	12.60		4x3	
22	LWR 14825 L	45316.0	12 Dec 82	3600.0	59	63.59		2.72	453	
23	SWP 18784 L	45316.0	12 Dec 82	4200.0	60	64.66	8.25		341	
24	LWR 14869 L	45326.0	22 Dec 82	4200.0	56	60.41		2.72	441	
25	SWP 18855 L	45326.0	22 Dec 82	6000.0	59	63.65	9.01		350	
26	SWP 18856 S	45326.0	22 Dec 82	6600.0					341	
27	SWP 18901 L	45331.0	27 Dec 82	13500.0	58	62.60	8.03		344	
28	LWR 15056 L	45350.0	15 Jan 83	5700.0				2.57	551	
29	SWP 19004 L	45350.0	15 Jan 83	6900.0	62	67.03	7.87		351	
30	SWP 19232 L	45375.0	9 Feb 83	2700.0	61	66.11	7.92		330	
31	LWR 16500 L	45549.0	2 Aug 83	4560.0	64	70.62		2.32	452	
32	SWP 20581 L	45549.0	2 Aug 83	5400.0	63	69.51	8.47		341	
33	LWP 2533 L	45700.0	31 Dec 83	4500.0	60	67.37		3.47	5x4	D
34	SWP 21923 L	45700.0	31 Dec 83	3900.0	57	64.00	9.03		331	
35	LWP 5248 L	46088.0	22 Jan 85	3720.0	54	63.97		3.91	5x3	D
36	SWP 24945 L	46088.0	22 Jan 85	4500.0	56	66.34	9.93		342	
37	LWP 7636 L	46468.0	6 Feb 86	7200.0	62	78.49		3.25	355	D
38	SWP 27674 L	46468.0	6 Feb 86	4800.0	69	87.36	9.07		343	
39	SWP 27675 L	46468.0	6 Feb 86	4800.0	52	65.83	8.99		342	
40	SWP 27930 L	46507.0	17 Mar 86	9960.0	55	70.17	8.66		344	
41	SWP 29122 L	46676.0	2 Sep 86	5400.0	53	70.06	8.43		352	
42	LWP 8995 L	46677.0	3 Sep 86	2160.0	52	68.75		3.68	342	D
43	LWP 9240 L	46707.0	3 Oct 86	2160.0	56	74.53		3.89	453	D
44	SWP 29353 L	46707.0	3 Oct 86	5400.0	52	69.21	9.07		352	
45	LWP 9460 L	46738.0	3 Nov 86	2160.0	51	68.36		3.56	342	D
46	SWP 29590 L	46738.0	3 Nov 86	5400.0	49	65.68	8.09		352	
47	LWP 9482 L	46741.0	6 Nov 86	1800.0	51	68.40		3.31	344	D
48	SWP 29685 L	46750.0	15 Nov 86	9000.0	54	72.58	9.58		452	
49	SWP 29784 L	46766.0	1 Dec 86	3300.0	57	76.89	7.46		333	
50	LWP 9849 L	46799.0	3 Jan 87	2160.0	50	67.97		3.17	342	D
51	SWP 30014 L	46799.0	3 Jan 87	4800.0	54	73.41	7.28		351	
52	SWP 30115 L	46814.0	18 Jan 87	7200.0	51	69.58	8.31		351	
53	LWP 9960 L	46815.0	19 Jan 87	9000.0	54	73.69		3.12	774	D
54	SWP 30523 L	46869.0	14 Mar 87	4800.0	50	69.13	7.17		352	
55	LWP 10406 L	46879.0	24 Mar 87	2160.0	53	73.46		3.34	342	D
56	SWP 30598 L	46879.0	24 Mar 87	4800.0	55	76.23	6.49		342	
57	SWP 31681 L	47039.0	31 Aug 87	4800.0	48	69.35	5.92		332	
58	LWP 11539 L	47040.0	1 Sep 87	2160.0	45	65.03		3.02	343	D
59	SWP 31898 L	47060.0	21 Sep 87	7980.0	57	82.82	9.42		451	
60	LWP 11945 L	47093.0	24 Oct 87	2160.0	46	67.46		3.28	442	D
61	SWP 32155 L	47093.0	24 Oct 87	4800.0	48	70.39	7.72		352	
62	LWP 12535 L	47181.0	20 Jan 88	2160.0	54	81.22		2.60	343	
63	SWP 32759 L	47181.0	20 Jan 88	4800.0	58	87.24	7.37		342	
64	SWP 32903 L	47204.0	12 Feb 88	9300.0	49	74.20	7.40		351	

X-Ray Spectra

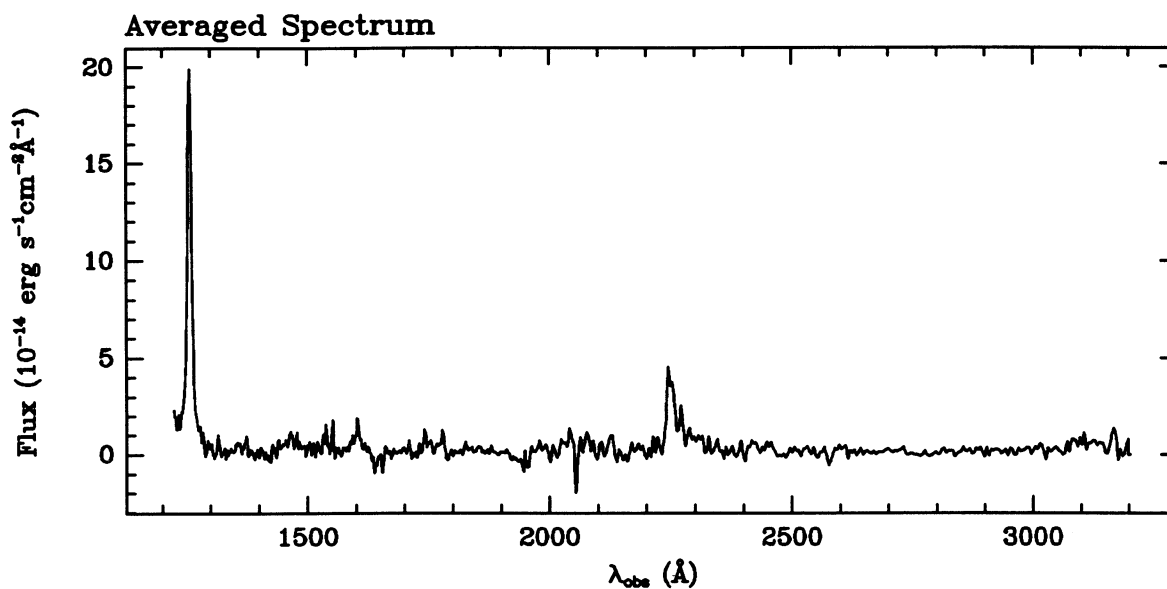
EINSTEIN	• 167	• 479	• 484	• 485
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	• 1261			
EXOSAT	• 121	• 147	• 1369	• 2047

References

• 8	• 36	• 65	• 85	• 92	• 100	• 121	• 125
• 145	• 158	• 179	• 253	• 261	• 284	• 289	• 320
• 338	• 351	• 359	• 394	• 400	• 488	• 495	• 513
• 521	• 549	• 560	• 561	• 578	• 593	• 607	• 622
• 643	• 655	• 662	• 664	• 669	• 672	• 679	• 709
• 717	• 729	• 737	• 804	• 810	• 824	• 840	• 911

ESOB 252-GA18

Right Ascension	:	5h 18m 18.20s
Declination	:	-45° 49' 48.0"
Object Type	:	Seyfert 1
ULDA Type	:	86
Redshift	:	0.034
Alternative Names	:	MCG-07-11-0006

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1292 Å	2274 Å	CEB	Flag
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	7306	L	44325.0	26 Mar 80	6300.0						234
2	SWP	8567	L	44325.0	26 Mar 80	14400.0			0.89	1.64		263
3	SWP	8568	L	44325.0	26 Mar 80	2700.0			0.53			131

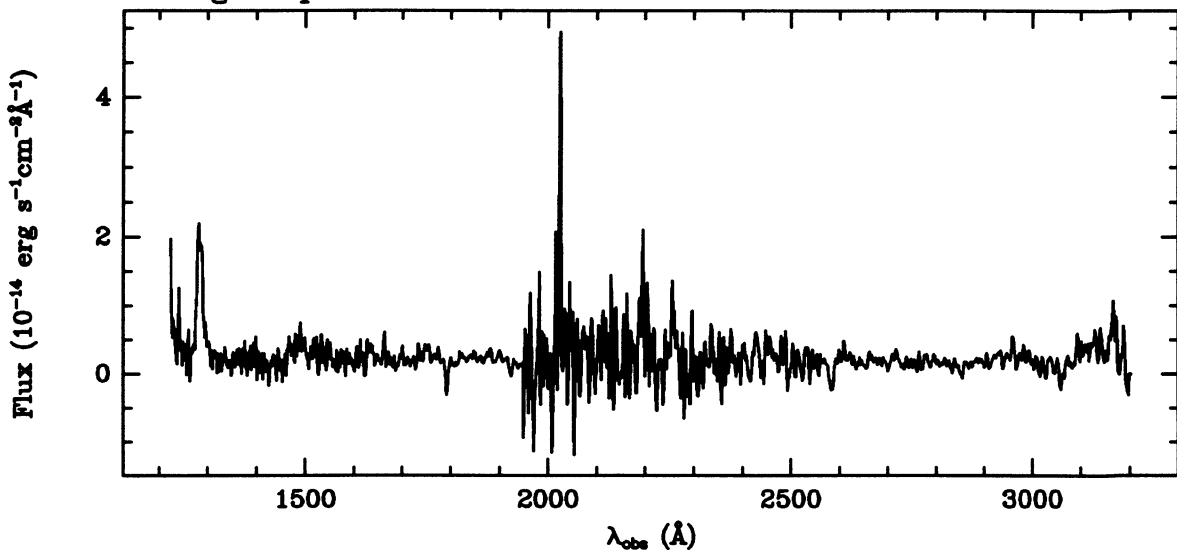
X-Ray Spectra

EINSTEIN	• 1080	
EXOSAT	• 1990	• 1991

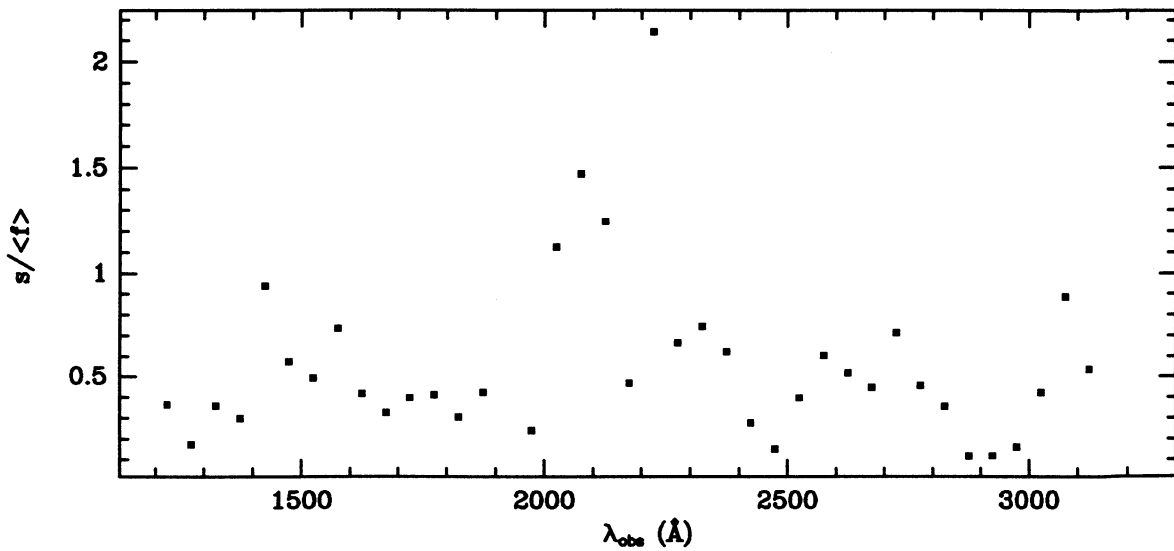
QSO 0521-365

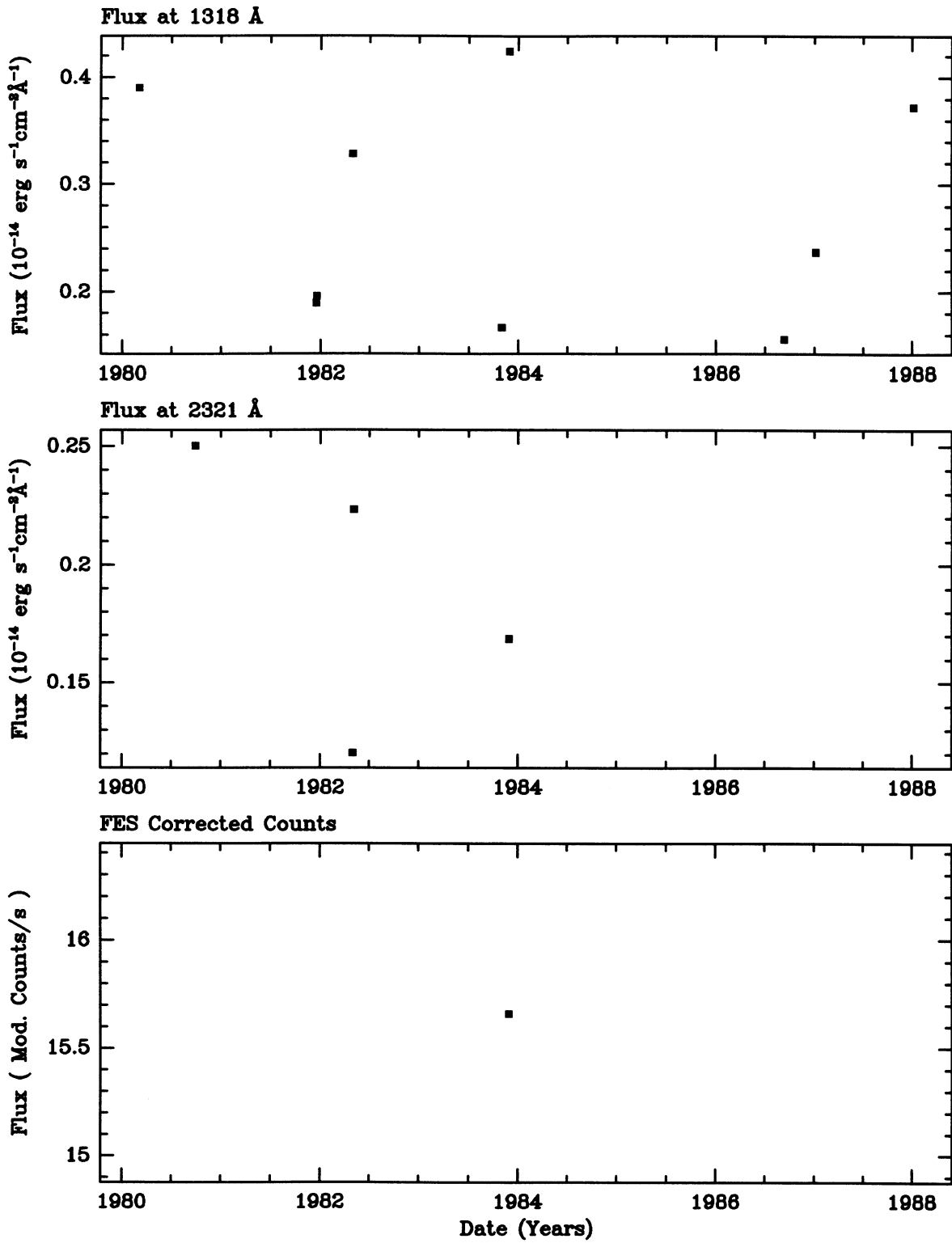
Right Ascension	: 5h 21m 13.70s
Declination	: -36° 30' 12.0"
Object Type	: BL Lac
ULDA Type	: 85,87
Redshift	: 0.055
Alternative Names	: PKS 0521-365

Averaged Spectrum



Standard Deviation





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1318 Å	2321 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	8169	L	44304.0	5 Mar 80	18000.0			0.39			234
2	LWR	8913	L	44512.0	29 Sep 80	6600.0				0.25		203
3	SWP	15784	L	44956.0	17 Dec 81	9900.0			0.19			233
4	SWP	15807	L	44958.0	19 Dec 81	20520.0			0.20			236
5	SWP	16879	L	45091.0	1 May 82	13560.0			0.33			232
6	LWR	13148	L	45093.0	3 May 82	14400.0				0.12		308
7	LWR	13171	L	45095.0	5 May 82	15600.0				0.22		307
8	SWP	21435	L	45641.0	2 Nov 83	10800.0			0.17			231
9	LWP	2340	L	45669.0	30 Nov 83	3600.0	14	15.66		0.17		303 D
10	SWP	21647	L	45669.0	30 Nov 83	16980.0	14	15.66	0.42			333
11	SWP	29193	L	46685.0	11 Sep 86	9900.0			0.16			332
12	SWP	30047	L	46804.0	8 Jan 87	10800.0			0.24			232
13	SWP	32684	L	47168.0	7 Jan 88	18000.0			0.37			335

X-Ray Spectra

EINSTEIN • 491

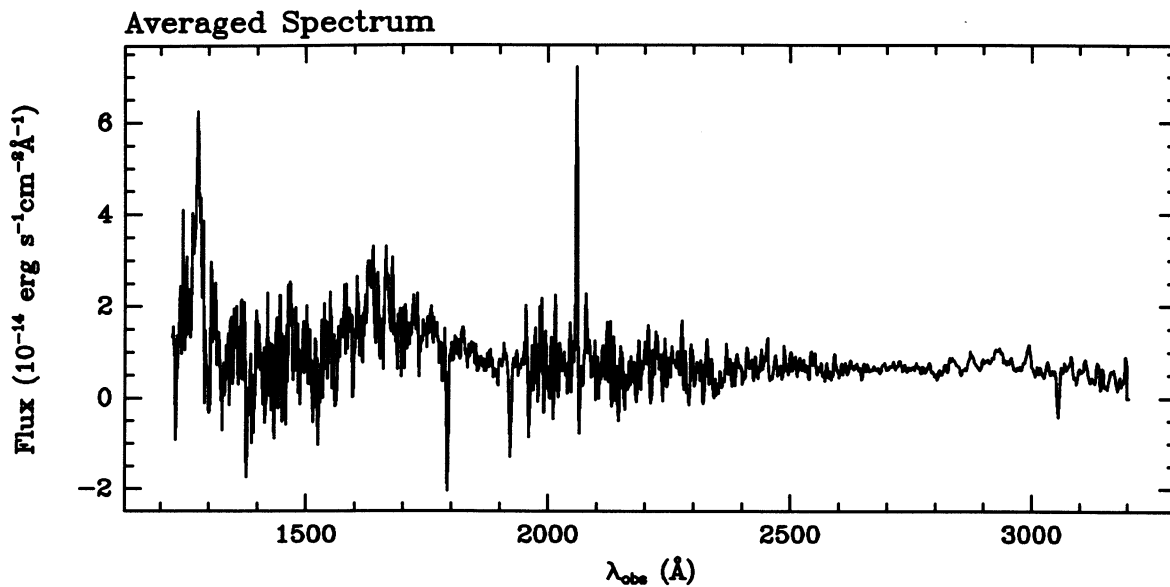
EXOSAT • 283 • 367

References

• 232 • 238 • 279 • 292 • 456 • 526 • 635 • 724
 • 776

AOO X 0523 -118

Right Ascension	:	5h 23m 57.00s
Declination	:	-11° 48' 48.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.049
Alternative Names	:	H 0523-11.8

**Observed Spectra**

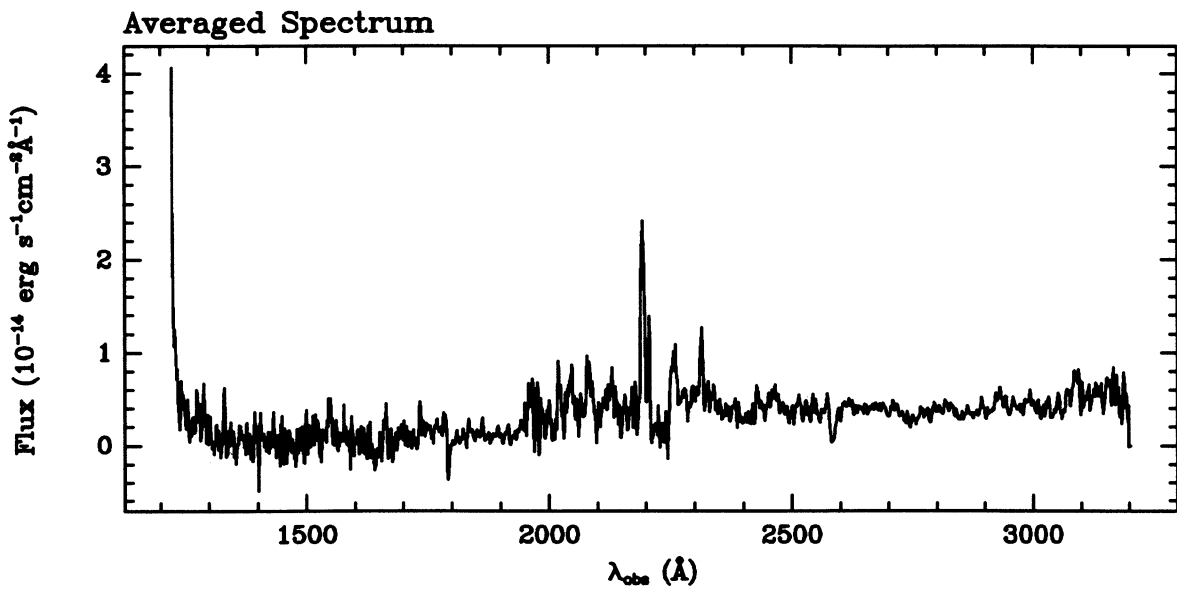
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1311 Å	2307 Å	CEB	Flag
1	LWP 11666 L	47059.0	20 Sep 87	10200.0					336	D
2	SWP 31886 L	47059.0	20 Sep 87	12000.0			1.01	0.55	339	

X-Ray Spectra

EINSTEIN • 471 • 1267
EXOSAT • 2051

QSO 0537-441

Right Ascension	: 5h 37m 20.50s
Declination	: -44° 06' 40.0"
Object Type	: BL Lac HP
ULDA Type	: 85,87
Redshift	: 0.896
Alternative Names	: PKS 0537-441, IRAS 05373-4406



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2370 Å	3000 Å	CEB	Flag
1	LWR 8900 L	44510.0	27 Sep 80	10200.0			0.39	0.35	304	
2	LWR 10282 L	44699.0	4 Apr 81	13200.0			0.25	0.24	307	
3	SWP 16829 L	45085.0	25 Apr 82	24120.0					203	
4	LWR 14687 L	45295.0	21 Nov 82	9600.0			0.35	0.50	000	
5	LWP 5401 L	46118.0	21 Feb 85	10020.0			0.49	0.61	304	D

X-Ray Spectra

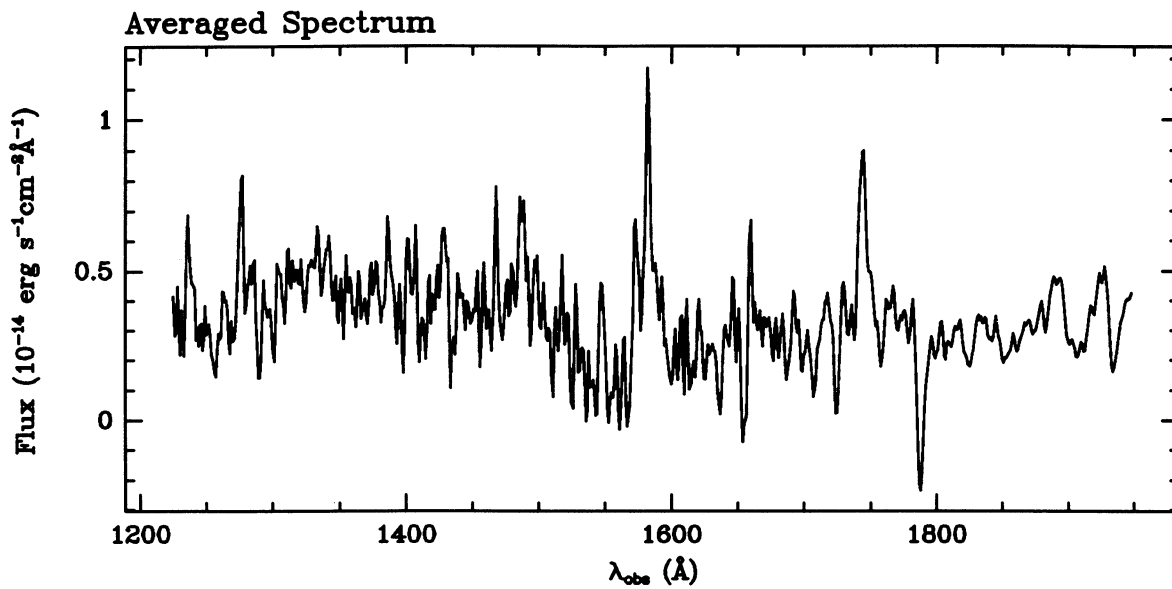
EINSTEIN • 497 • 769 • 1112
 EXOSAT • 1386 • 1420

References

• 132 • 238 • 279 • 429 • 526 • 531 • 537 • 590
 • 715 • 729 • 730 • 827 • 842 • 886

QSO 0548-322

Right Ascension	:	5h 48m 50.30s
Declination	:	-32° 16' 56.0"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.069
Alternative Names	:	PKS 0548-322

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1336 Å	2351 Å	CEB	Flag
1	SWP 4874 L	43970.0	6 Apr 79	22320.0			0.41			
2	SWP 8625 L	44331.0	1 Apr 80	24000.0			0.54			307

X-Ray Spectra

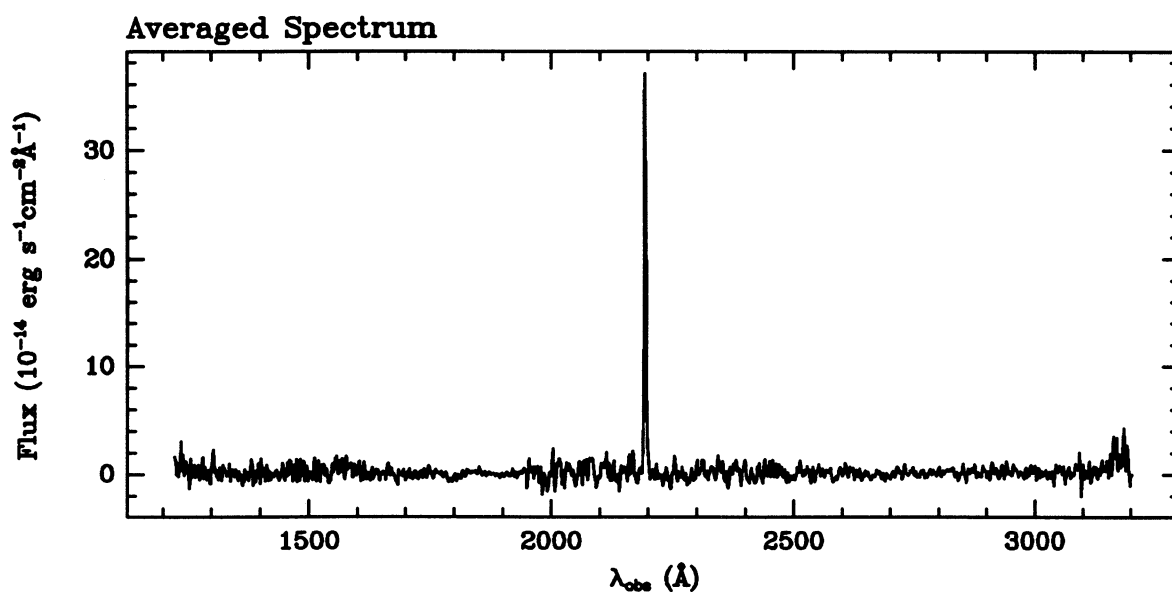
EINSTEIN	• 160	• 172	• 457	• 465
	• 498	• 731	• 743	• 757
EXOSAT	• 284	• 357	• 360	• 368
	• 1913	• 2076		

References

• 103	• 138	• 238	• 279	• 292	• 526	• 734	• 750
• 809							

NGC 2110

Right Ascension	:	5h 49m 51.06s
Declination	:	- 7° 18' 00.1"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.007
Alternative Names	:	MCG-01-15-0004, EQ 0549-074



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
1	LWR 9549 L	44595.0	21 Dec 80	2700.0					01	
2	SWP 10857 L	44595.0	21 Dec 80	2700.0	55	56.46	0.56	3.12	00	

X-Ray Spectra

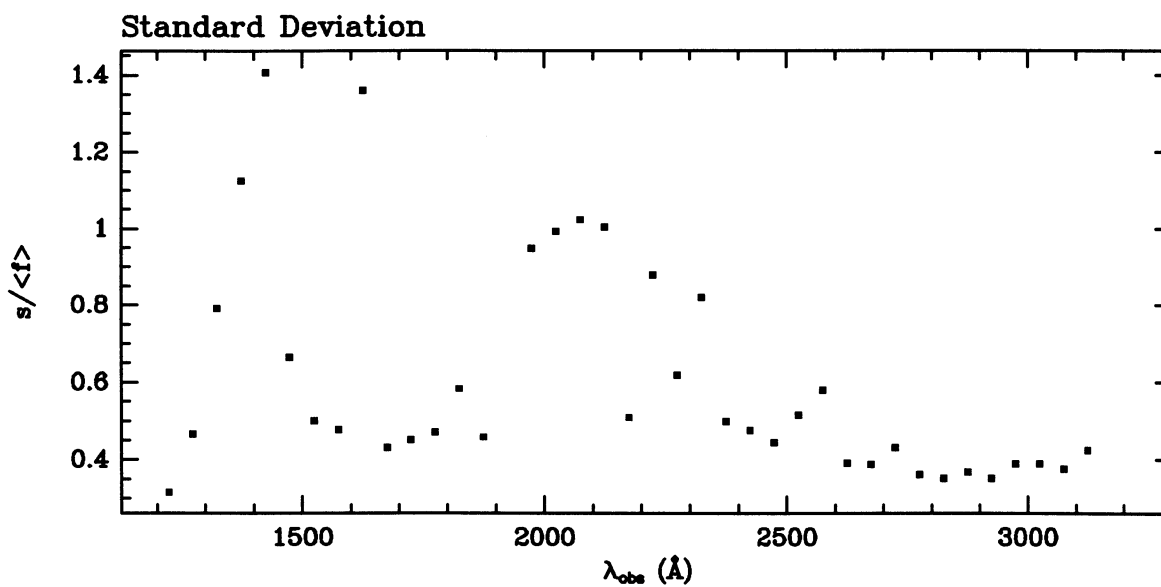
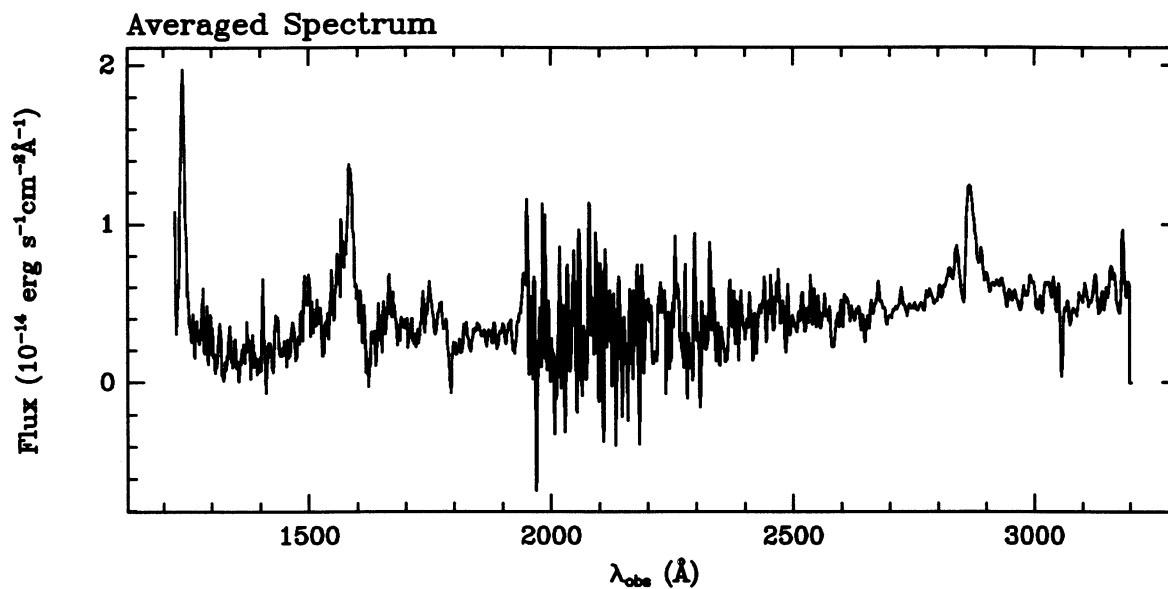
EINSTEIN	• 173	• 188	• 1109	• 1110
	• 1283			
EXOSAT	• 148	• 1182		

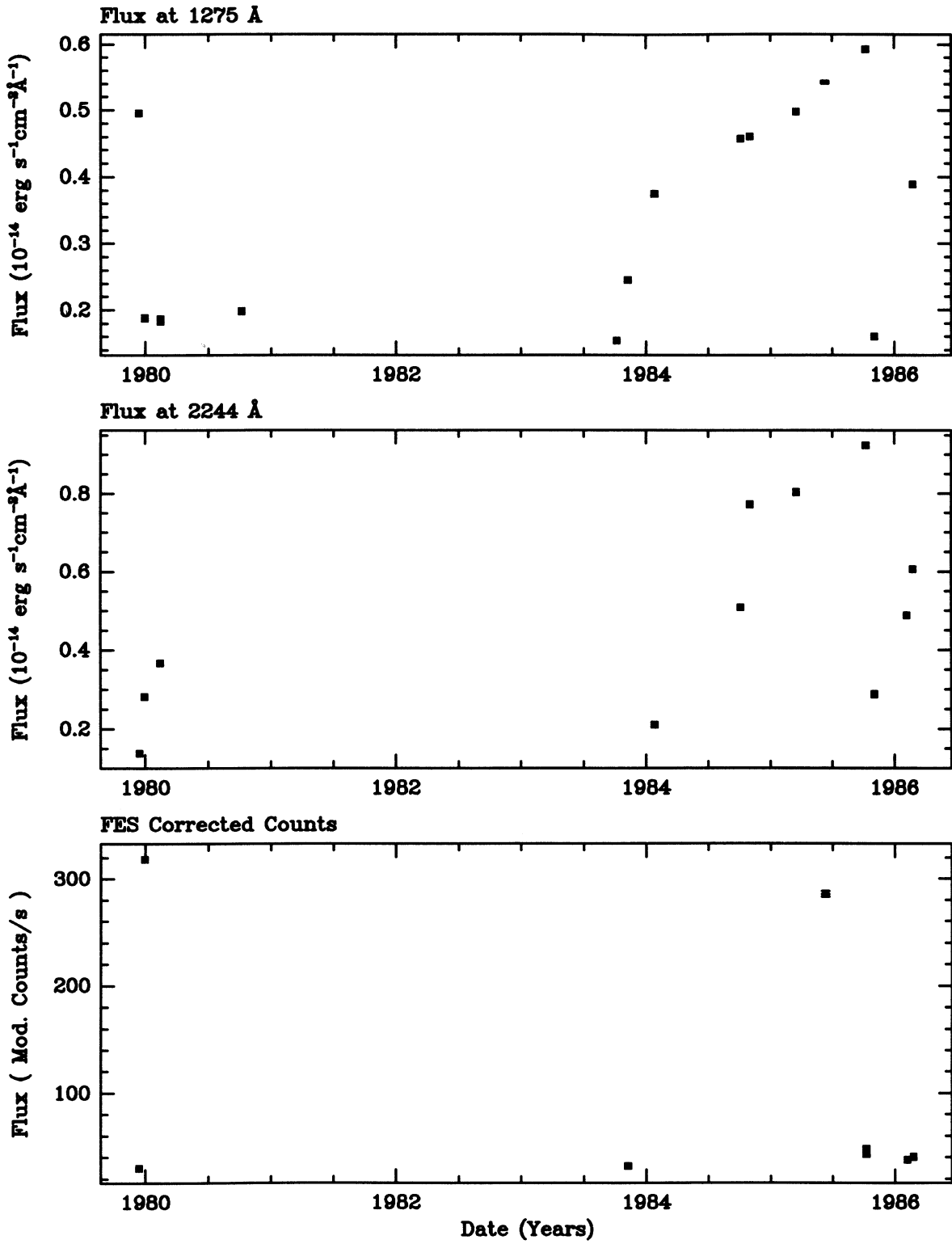
References

• 61	• 85	• 164	• 177	• 198	• 225	• 284	• 424
• 563	• 602	• 666	• 717	• 776	• 805		

MCG +08-11-0011

Right Ascension	: 5h 51m 09.70s
Declination	: 46° 25' 51.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.020
Alternative Names	: UGC 3374, EQ 0551+464
	: IRAS 05511+4625, 4U 0557+46





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1275 Å	2244 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	SWP	7395	L	44221.0	13 Dec 79	3899.0	30	30.42	0.50		340	
2	LWR	6384	L	44222.0	14 Dec 79	3899.0				0.14	302	
3	LWR	6497	L	44238.0	30 Dec 79	12000.0				0.28	246	
4	SWP	7506	L	44238.0	30 Dec 79	12600.0	314	318.56	0.19		233	
5	LWR	6915	S	44283.0	13 Feb 80	6000.0					332	
6	LWR	6915	L	44283.0	13 Feb 80	6000.0				0.37	332	
7	SWP	7937	L	44283.0	13 Feb 80	6000.0			0.18		301	
8	SWP	7937	S	44283.0	13 Feb 80	6000.0					301	
9	SWP	7938	L	44283.0	13 Feb 80	12000.0			0.19		354	
10	SWP	7938	S	44283.0	13 Feb 80	12000.0					354	
11	SWP	10296	L	44519.0	6 Oct 80	12000.0			0.20		x32	
12	SWP	21247	L	45614.0	6 Oct 83	12000.0			0.15		331	
13	LWP	2244	L	45647.0	8 Nov 83	5400.0	29	32.36			332	D
14	SWP	21481	L	45647.0	8 Nov 83	16740.0			0.25		232	
15	LWP	2707	L	45726.0	26 Jan 84	7200.0				0.21	344	D
16	SWP	22109	L	45726.0	26 Jan 84	18720.0			0.38		334	
17	LWP	4505	L	45979.0	5 Oct 84	6600.0				0.51	342	D
18	SWP	24123	L	45979.0	5 Oct 84	16800.0			0.46		332	
19	LWP	4696	L	46006.0	1 Nov 84	7200.0				0.77	343	D
20	SWP	24368	L	46006.0	1 Nov 84	17400.0			0.46		333	
21	LWP	5547	L	46143.0	18 Mar 85	6000.0				0.80	342	D
22	SWP	25479	L	46143.0	18 Mar 85	18000.0			0.50		343	
23	LWP	6880	L	46348.0	9 Oct 85	6000.0	39	48.27		0.92	343	D
24	SWP	26906	L	46348.0	9 Oct 85	16920.0	35	43.32	0.59		333	
25	LWP	7035	L	46373.0	3 Nov 85	5880.0				0.29	003	D
26	SWP	27022	L	46373.0	3 Nov 85	17160.0			0.16		002	
27	LWP	7637	L	46469.0	7 Feb 86	9660.0	30	37.99		0.49	342	D
28	LWP	7718	L	46487.0	25 Feb 86	7200.0	32	40.66		0.61	342	D
29	SWP	27790	L	46487.0	25 Feb 86	12900.0	32	40.66	0.39		332	

X-Ray Spectra

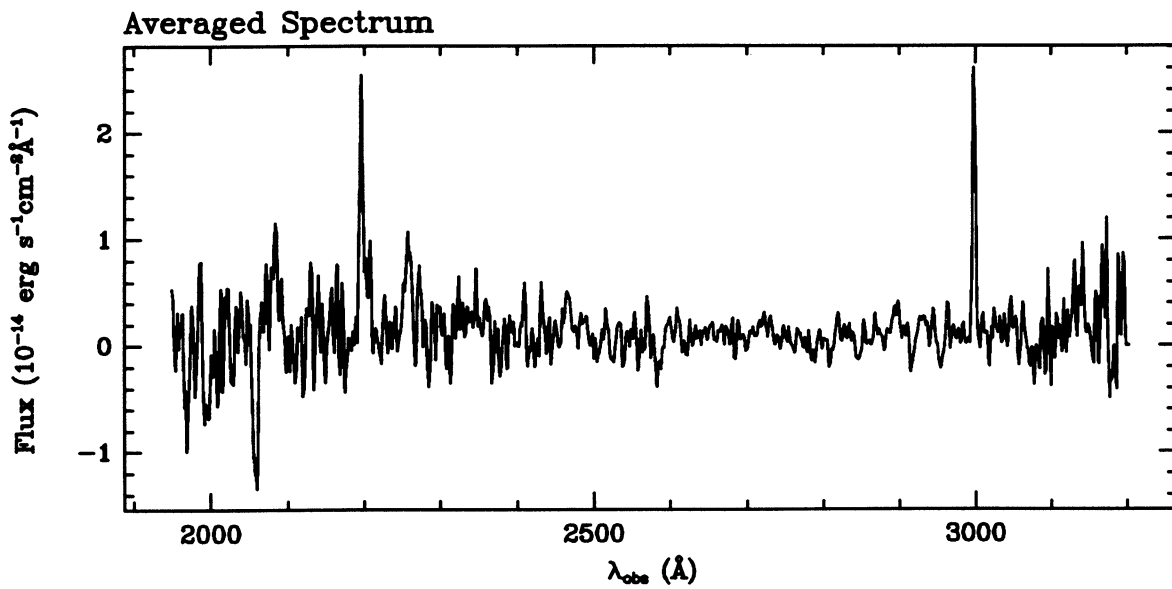
EINSTEIN	• 162	• 163	• 174	• 176
	• 177	• 178	• 179	• 186
	• 480	• 481	• 483	• 756
	• 758	• 759	• 1115	
EXOSAT	• 257	• 258	• 304	• 519
	• 1105	• 1173	• 1464	• 1843
	• 1890	• 2032	• 2065	• 2066

References

• 85	• 143	• 145	• 151	• 177	• 206	• 261	• 284
• 320	• 359	• 394	• 593	• 614	• 669	• 717	• 723
• 729	• 776	• 791	• 804	• 816	• 899	• 903	• 934

AOO ANON 0556-38

Right Ascension	:	5h 56m 21.15s
Declination	:	-38° 20' 16.9"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.034
Alternative Names	:	3A 0557-383, IRAS 05563-3820



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1292 Å	2274 Å	CEB	Flag
1	LWR 16104 L	45494.0	8 Jun 83	3720.0			0.51	112		
2	LWP 5444 L	46127.0	2 Mar 85	12000.0			0.15	304	D	

X-Ray Spectra

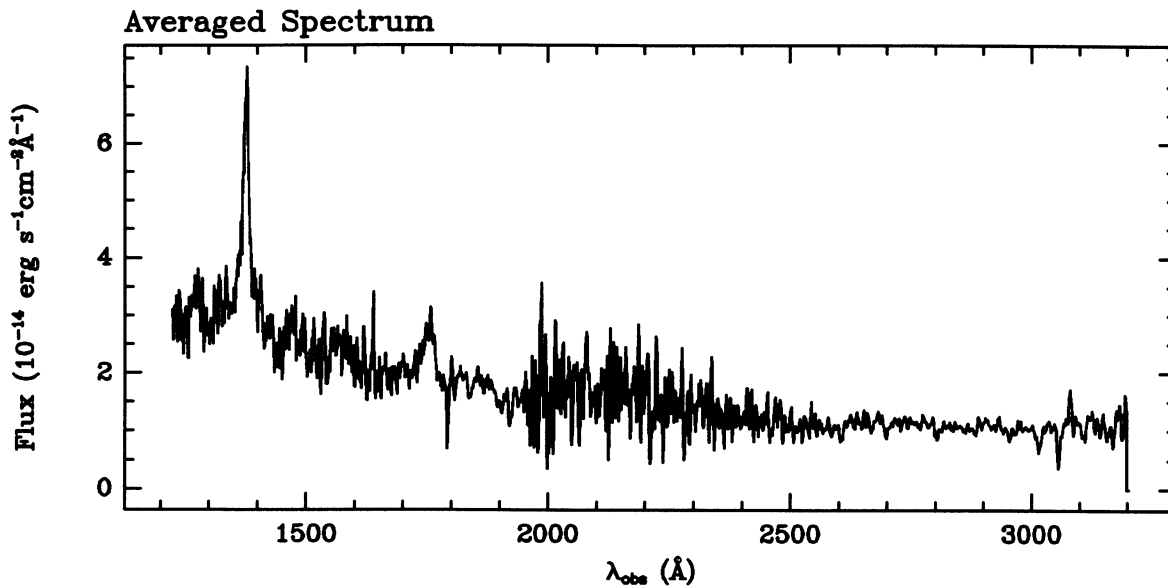
- EINSTEIN • 180
- EXOSAT • 1284 • 2015

References

- 394 • 776

AOO X 0558 -504

Right Ascension	:	5h 57m 26.00s
Declination	:	-50° 18' 06.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.137
Alternative Names	:	H 0557-50.3, PKS 0558-504

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1421 Å	2501 Å	CEB	Flag
1	LWP 11686 L	47060.0	21 Sep 87	10800.0						
2	SWP 31899 L	47061.0	22 Sep 87	13800.0			2.80	1.10	405	D
									443	

X-Ray Spectra

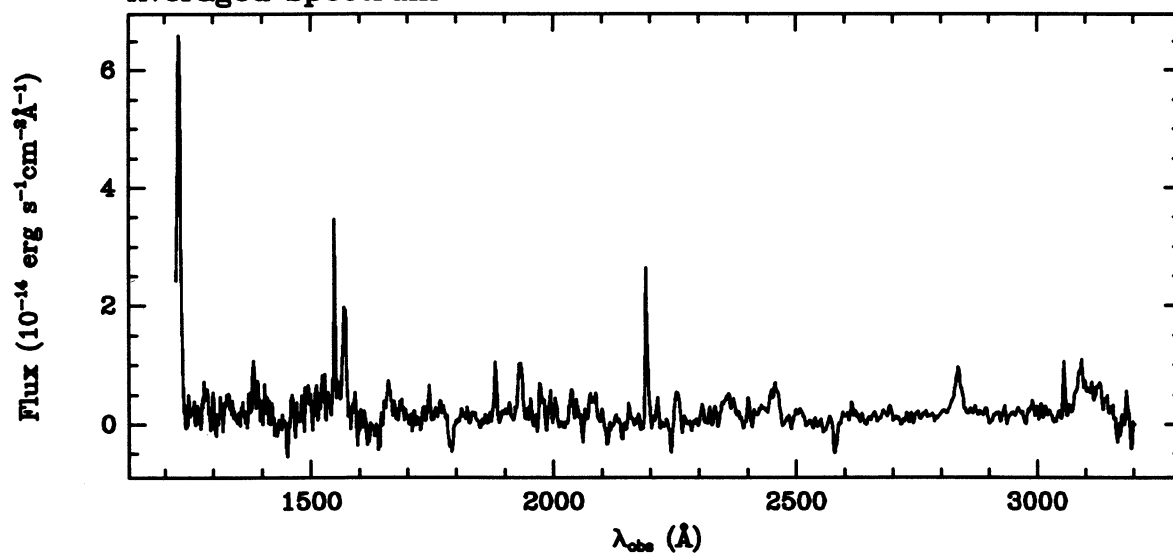
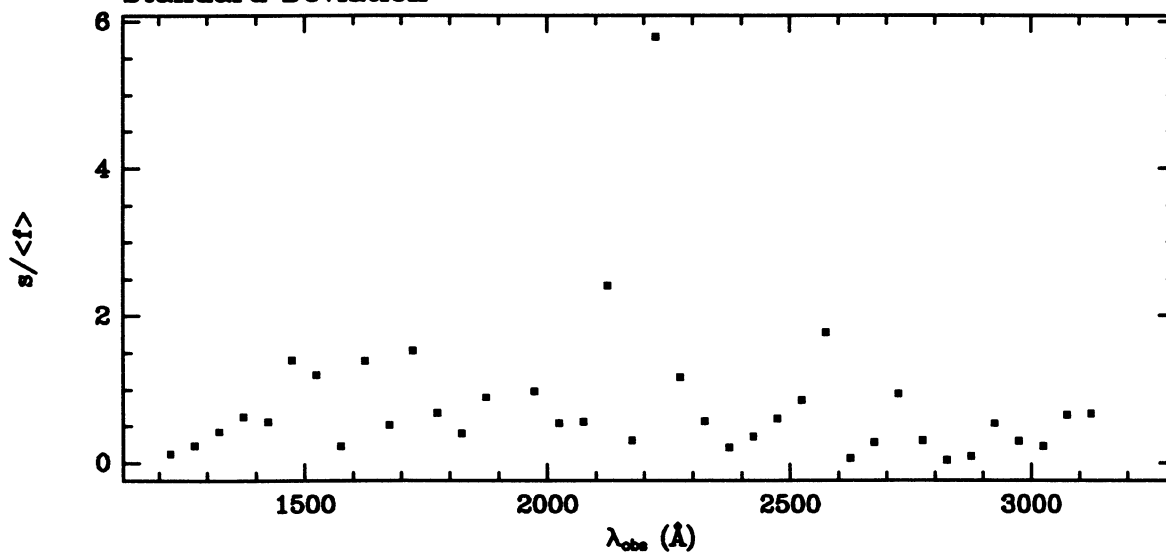
- EINSTEIN • 1038
- EXOSAT • 1132

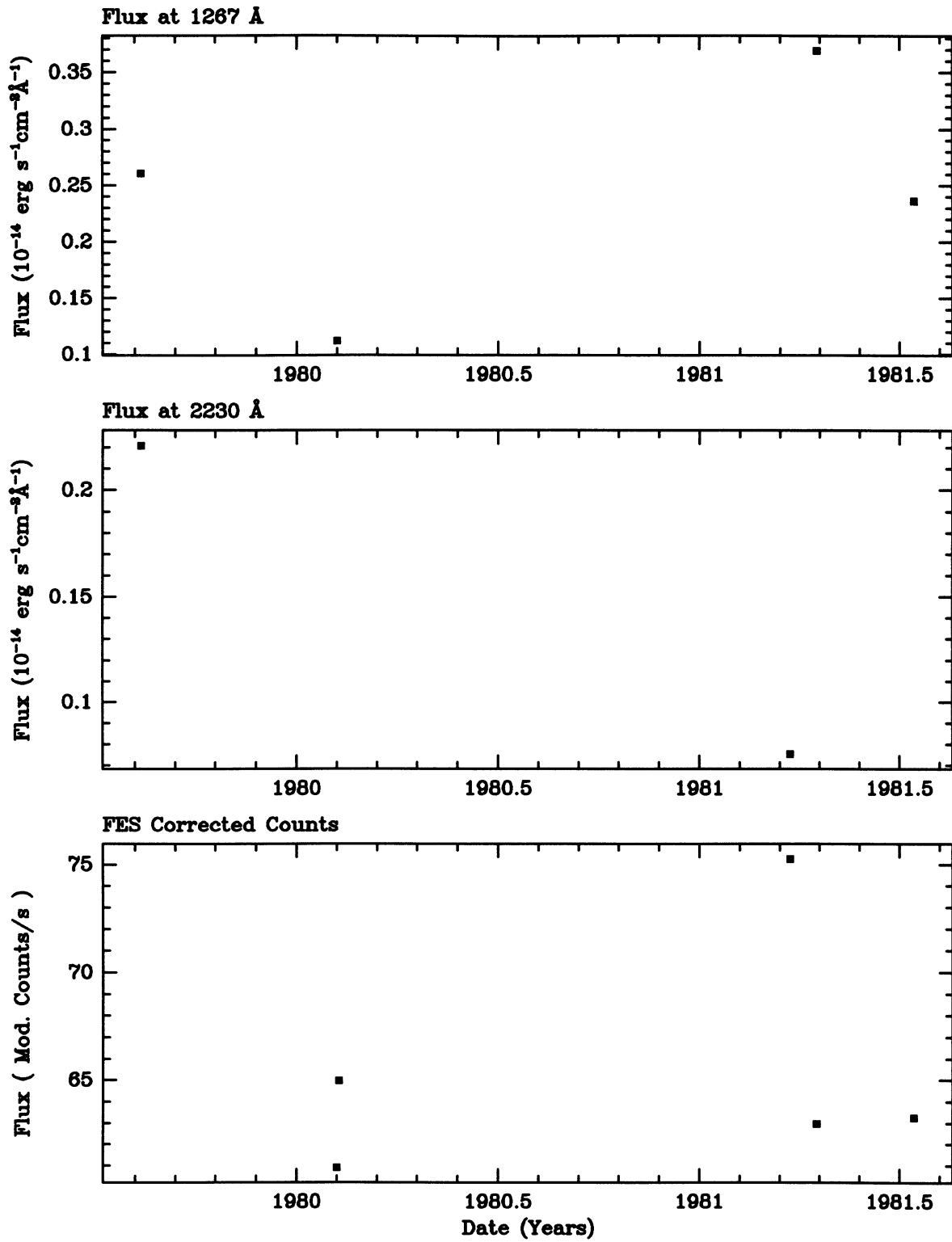
References

- 746 • 922

MRK 3

Right Ascension	: 6h 09m 48.10s
Declination	: 71° 03' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.014
Alternative Names	: UGC 3426, MCG+12-06-0019
	: IRAS 06097+7103, 1E 0609.8+7102

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1267 Å	2230 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	5341	L	44099.0	13 Aug 79	9000.0			0.26	0.22	23	
2	SWP	6177	L	44099.0	13 Aug 79	13800.0					23	
3	SWP	7880	L	44276.0	6 Feb 80	25200.0	60	60.92	0.11		2x7	
4	LWR	6878	L	44278.0	8 Feb 80	21600.0	64	64.99			3x9	
5	LWR	10199	L	44688.0	24 Mar 81	11940.0	73	75.26		0.08	236	
6	LWR	10199	S	44688.0	24 Mar 81	11940.0					236	D
7	SWP	13738	L	44712.0	17 Apr 81	25680.0	61	62.97	0.37		254	
8	SWP	14477	L	44801.0	15 Jul 81	3600.0	61	63.27	0.24		31	

X-Ray Spectra

EINSTEIN

• 507

• 744

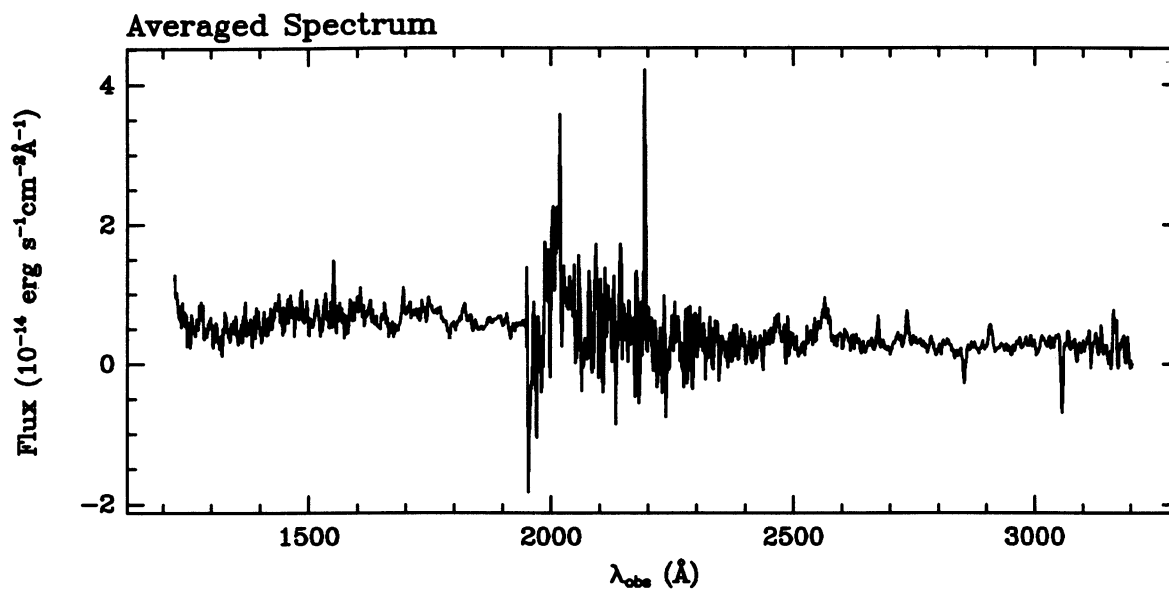
• 1114

References

- 36 • 81 • 85 • 92 • 93 • 102 • 135 • 145
- 164 • 177 • 178 • 179 • 284 • 315 • 394 • 445
- 488 • 499 • 517 • 521 • 566 • 593 • 623 • 649
- 669 • 717 • 729 • 738 • 841

QSO 0637-752

Right Ascension	: 6h 37m 23.35s
Declination	: -75° 13' 37.8"
Object Type	: Quasar
ULDA Type	: 85,87
Redshift	: 0.654
Alternative Names	: PKS 0637-752, 1E 0637.4-7513

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2067 Å	3000 Å	CEB	Flag
1	SWP 10832 L	44592.0	18 Dec 80	24960.0						
2	SWP 14867 L	44847.0	30 Aug 81	14400.0						302
3	LWR 11445 L	44848.0	31 Aug 81	5220.0			0.06	0.11		103
4	LWP 13013 L	47262.0	10 Apr 88	7200.0			0.66	0.31		335
5	LWP 13016 L	47263.0	11 Apr 88	6300.0			0.72	0.37		335
6	LWP 13022 L	47264.0	12 Apr 88	7200.0			0.70	0.39		338

X-Ray Spectra

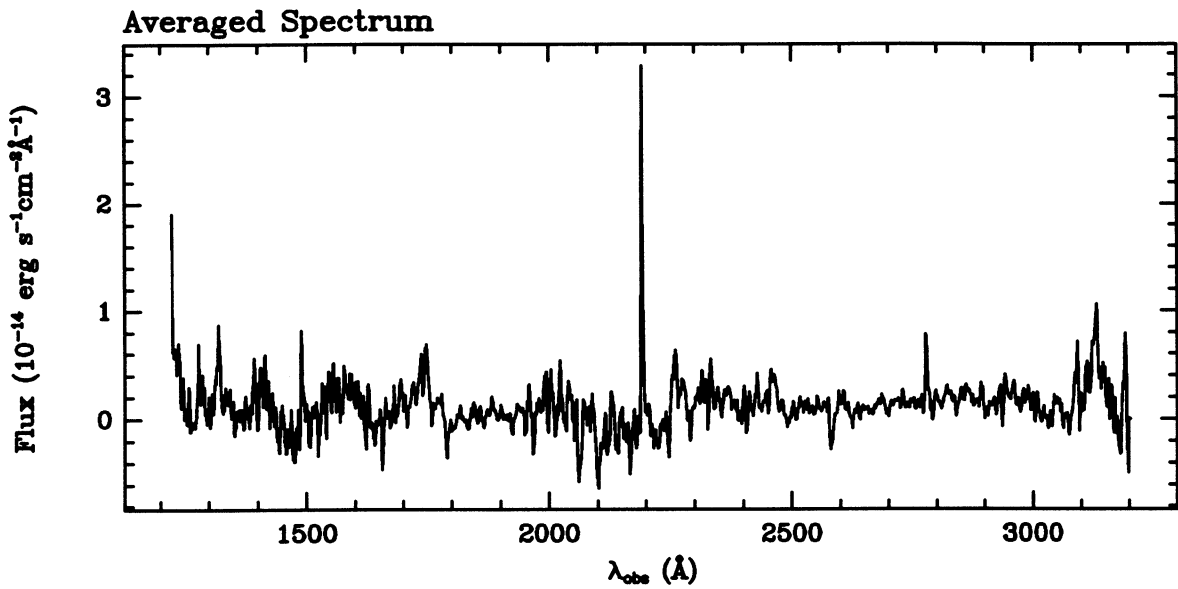
EINSTEIN	• 532	• 1136	• 1144	
EXOSAT	• 719	• 857	• 1027	• 1147

References

• 109	• 132	• 504	• 537	• 590	• 701	• 745	• 823
• 842	• 855						

IC 450

Right Ascension	:	6h 45m 43.40s
Declination	:	74° 29' 07.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.019
Alternative Names	:	MRK 6, UGC 3547
	:	MCG+12-07-0018, IRAS 06457+7429



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	LWR	8711	L	44487.0	4 Sep 80	15900.0			0.19	0.03	305	
2	SWP	10002	L	44487.0	4 Sep 80	25200.0					226	
3	LWR	10185	L	44686.0	22 Mar 81	10800.0				0.07	136	
4	LWR	10185	S	44686.0	22 Mar 81	10800.0					136	D
5	SWP	13545	L	44686.0	22 Mar 81	10800.0			0.02		053	

X-Ray Spectra

EINSTEIN • 492 • 494 • 500 • 749

EXOSAT • 160

References

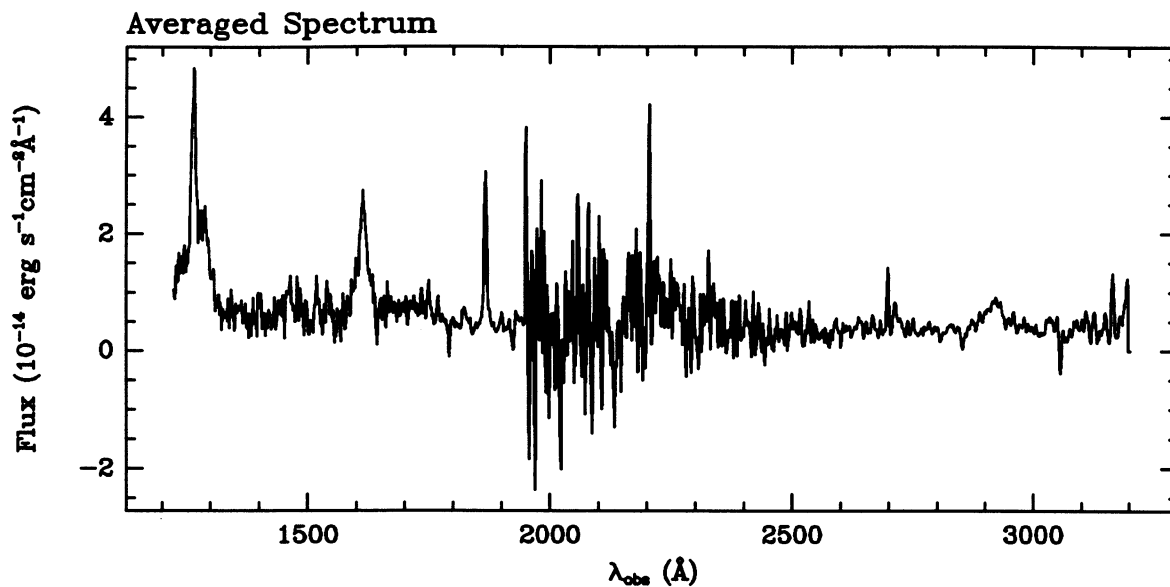
• 81 • 85 • 93 • 102 • 135 • 145 • 164 • 177

• 178 • 206 • 284 • 315 • 335 • 394 • 521 • 559

• 593 • 637 • 669 • 717 • 724 • 804 • 841

MRK 374

Right Ascension	:	6h 55m 33.90s
Declination	:	54° 15' 53.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.044
Alternative Names	:	MCG+09-12-0016, MRK 374 A

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1305 Å	2296 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	29479	L	46722.0	18 Oct 86	21120.0			1.12		336	
2	LWP	9358	L	46723.0	19 Oct 86	21600.0				0.44	349	D
3	LWP	10047	L	46827.0	31 Jan 87	3000.0				0.39	333	D
4	SWP	30214	L	46827.0	31 Jan 87	18000.0	20	27.37	1.54		336	

X-Ray Spectra

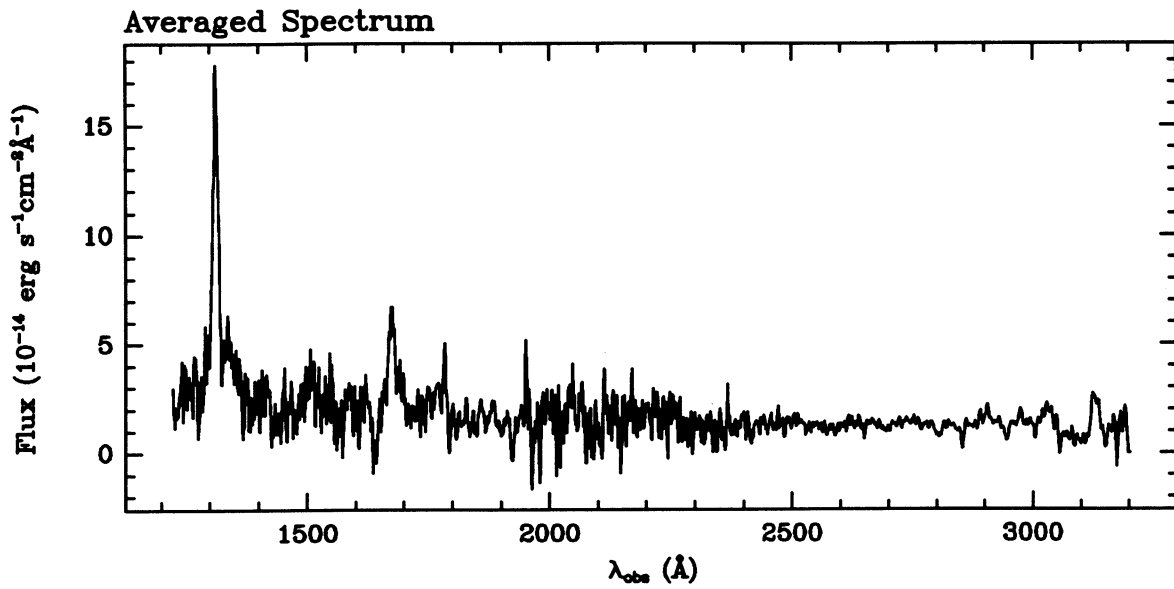
EINSTEIN • 194
 EXOSAT • 1184 • 1865

References

• 8 • 85 • 135 • 146 • 151 • 163 • 284 • 320
 • 394 • 593 • 669 • 717 • 804 • 816

AOO ZW VII 118

Right Ascension	:	7h 02m 24.00s
Declination	:	64° 40' 38.0"
Object Type	:	Quasar S1
ULDA Type	:	84
Redshift	:	0.079
Alternative Names	:	EQ 0702+647



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1348 Å	2373 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 5459 L	46131.0	6 Mar 85	8700.0				1.29	449	D
2	SWP 25369 L	46131.0	6 Mar 85	12300.0			3.89		3x4	
3	SWP 25370 L	46131.0	6 Mar 85	2700.0			3.79		335	

X-Ray Spectra

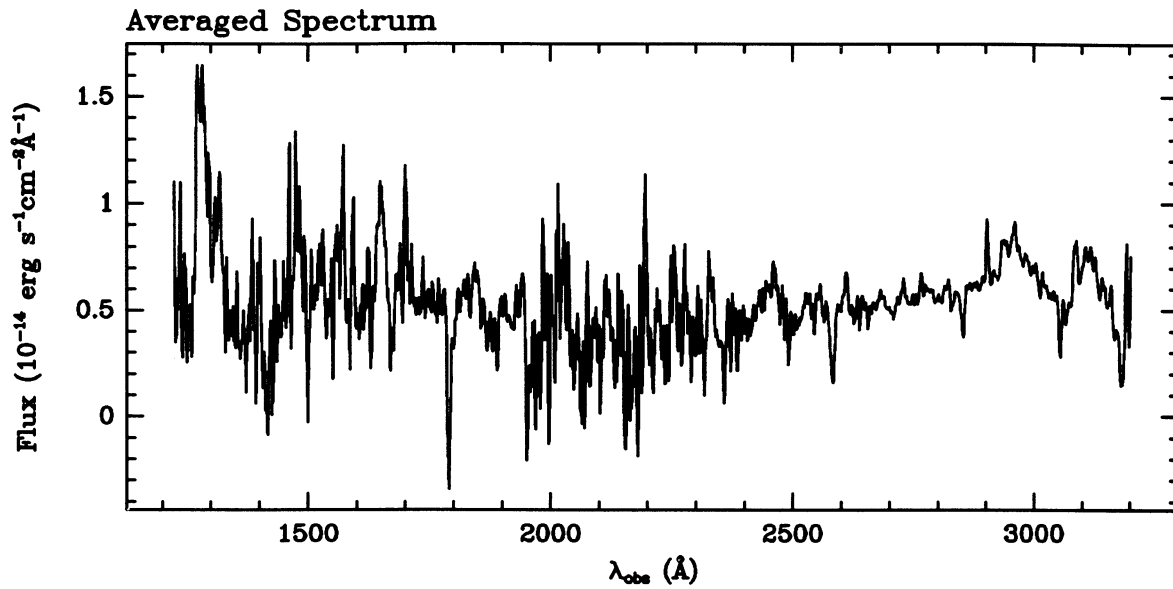
- EINSTEIN • 493 • 747
- EXOSAT • 532

References

- 85 • 205 • 320 • 717

MRK 376

Right Ascension	: 7h 10m 35.80s
Declination	: 45° 47' 07.0"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.056
Alternative Names	: EQ 0710+45, IRAS 07106+4547

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1320 Å	2323 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	6163	L	44194.0	16 Nov 79	6000.0						401
2	SWP	7163	L	44194.0	16 Nov 79	9900.0			0.66	0.68		330
3	LWR	6498	L	44238.0	30 Dec 79	19800.0	28	28.41		0.44		305
4	SWP	7507	L	44239.0	31 Dec 79	10799.0			1.15			3x9
5	LWP	14565	L	47496.0	30 Nov 88	9900.0				0.31		305
6	LWP	14575	L	47496.0	30 Nov 88	12000.0				0.38		305
7	SWP	34856	L	47496.0	30 Nov 88	12000.0			0.42			303

X-Ray Spectra

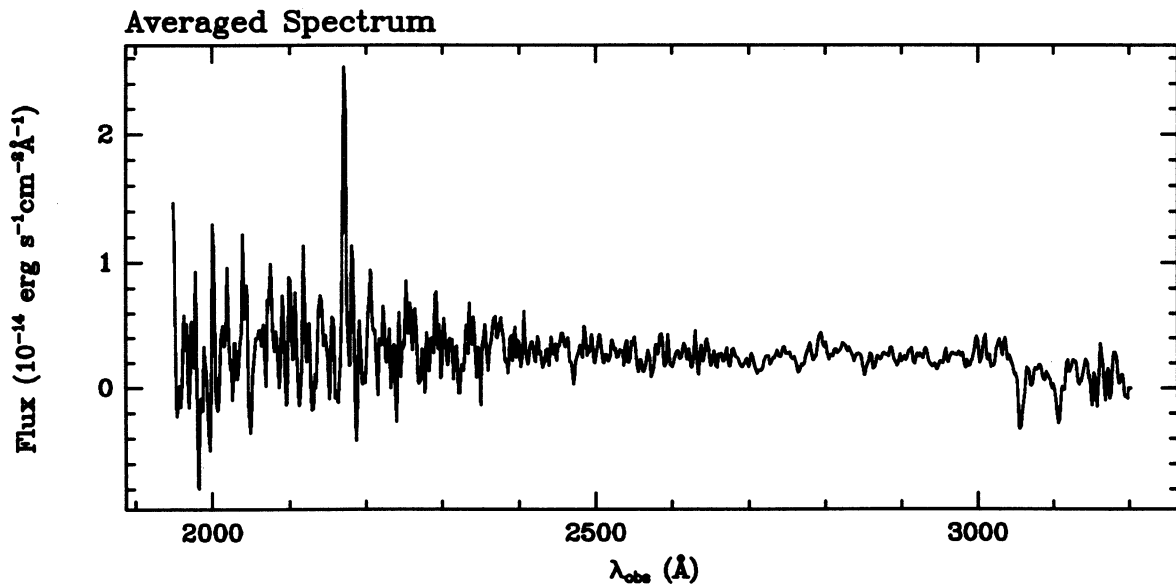
EINSTEIN	• 499		
EXOSAT	• 1163	• 1419	• 1463

References

• 8	• 85	• 135	• 143	• 231	• 284	• 296	• 320
• 394	• 488	• 521	• 593	• 669	• 717	• 729	• 776
• 804	• 830						

MRK 380

Right Ascension	:	7h 13m 28.10s
Declination	:	74° 33' 33.0"
Object Type	:	Quasar S1
ULDA Type	:	84
Redshift	:	0.475
Alternative Names	:	QSO 0713+745

**Observed Spectra**

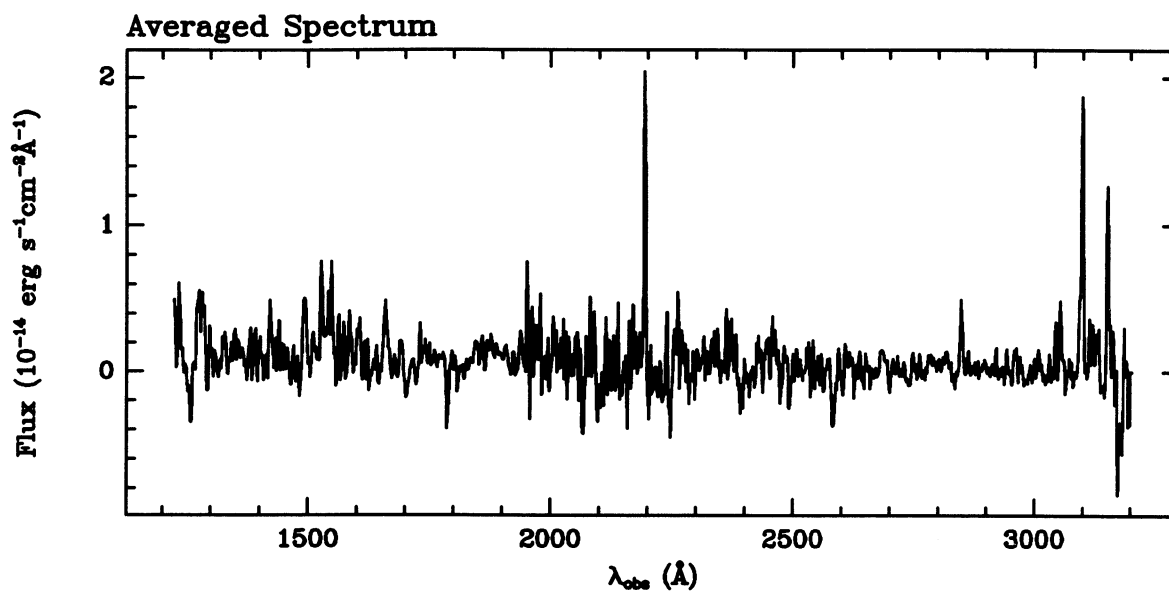
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1843 Å	3000 Å	CEB	Flag
1	LWP 9388 L	46726.0	22 Oct 86	21000.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	0.26	305	D

X-Ray Spectra

EINSTEIN	• 492	• 494	• 500	• 749
EXOSAT	• 160			

QSO 0716+714

Right Ascension	:	7h 16m 12.90s
Declination	:	71° 26' 15.0"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

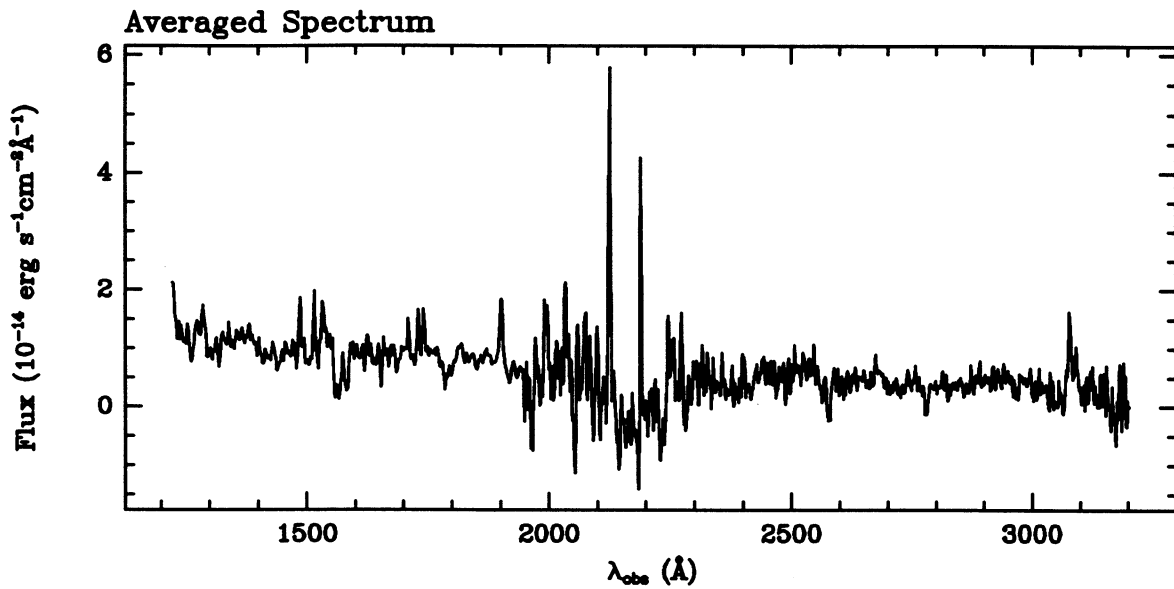
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWR	5322	L	44097.0	11 Aug 79	19500.0			0.10	0.18	20	
2	SWP	9440	L	44425.0	4 Jul 80	14400.0					202	

X-Ray Spectra

EINSTEIN • 507 • 744 • 1114

MRK 7

Right Ascension	:	7h 22m 18.70s
Declination	:	72° 40' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	ZW VII 153, UGC 3838

**Observed Spectra**

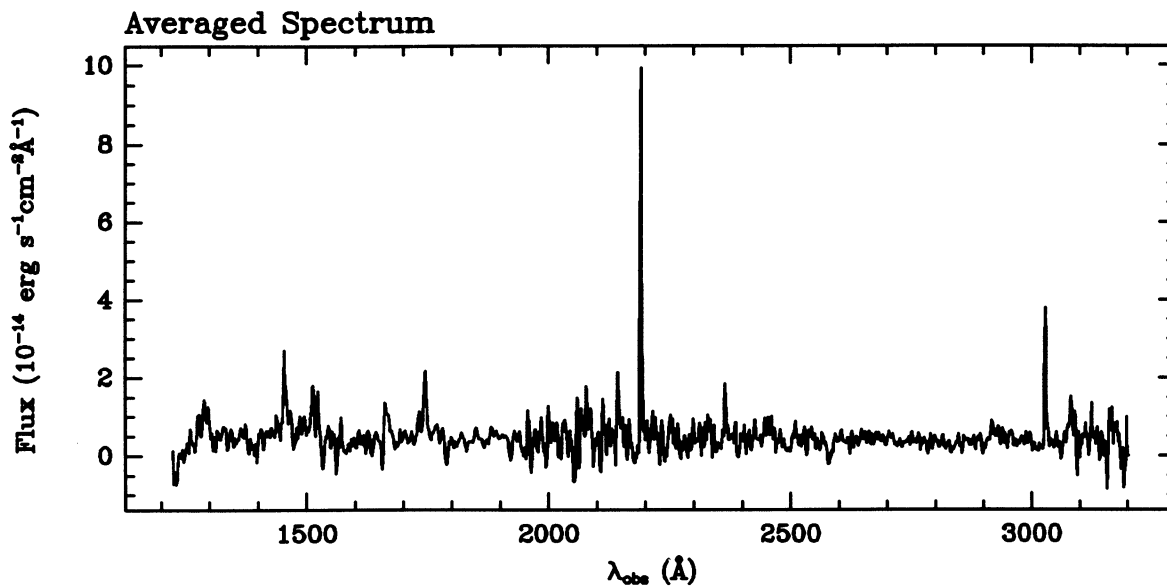
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
1	SWP 11139 L	44629.0	24 Jan 81	24000.0			1.22		304	
2	LWR 10572 L	44736.0	11 May 81	9600.0					***	

References

- 98
- 559

IC 2184

Right Ascension	:	7h 23m 38.50s
Declination	:	72° 13' 50.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.011
Alternative Names	:	ZW VII 156, UGC 3852, MCG+12-07-0041
	:	MRK 8, IRAS 07236+7213



Observed Spectra

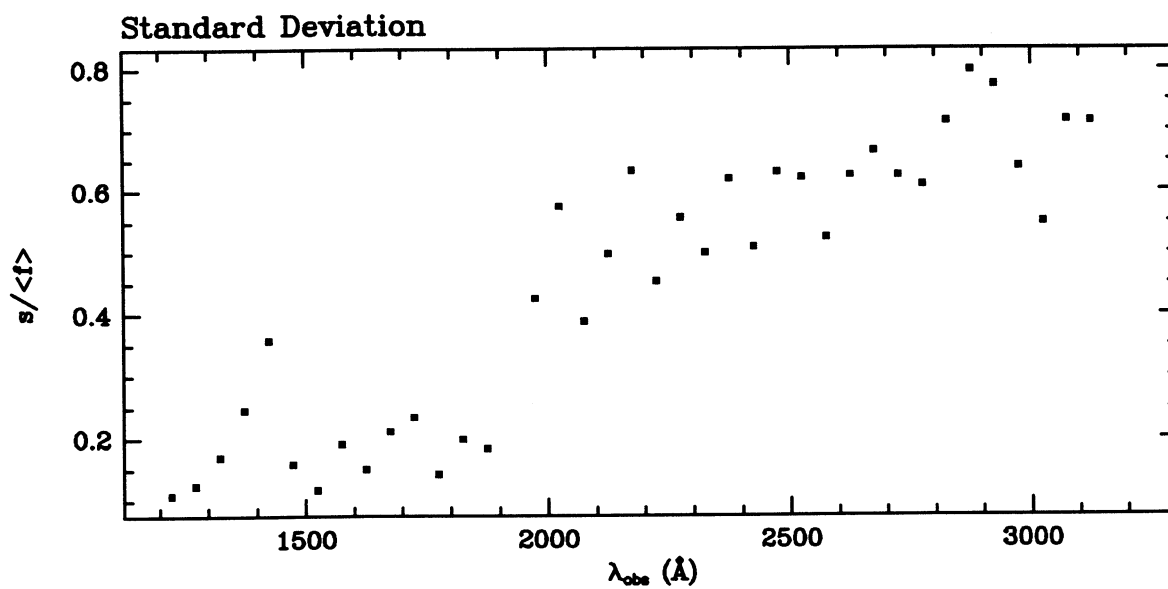
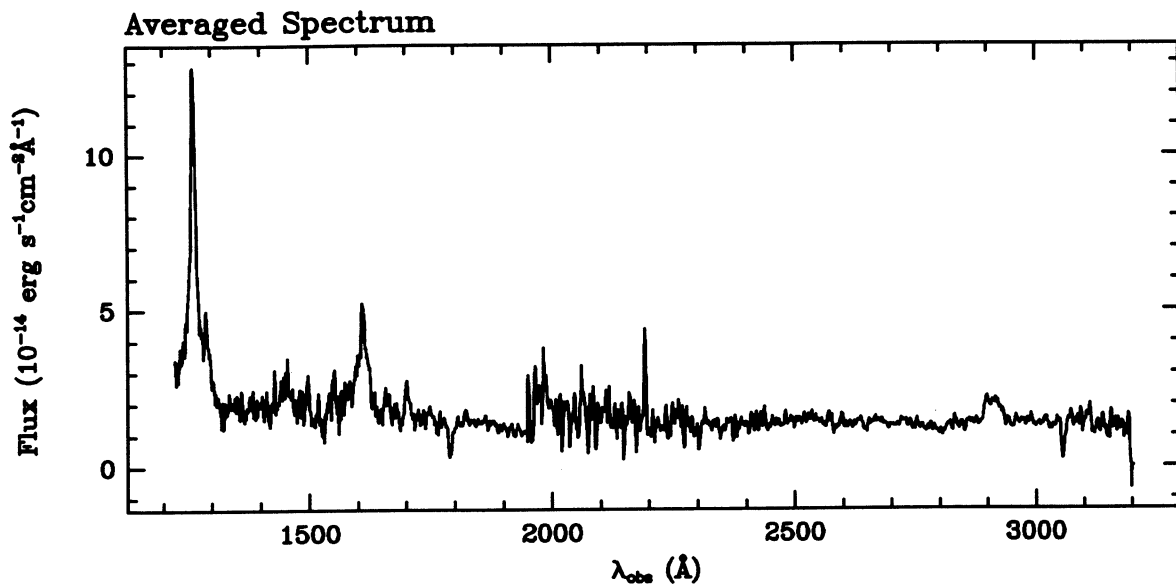
#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
1	SWP 7286 L	44209.0	1 Dec 79	15300.0			0.40		206	
2	LWR 10976 L	44786.0	30 Jun 81	9600.0				0.42	304	

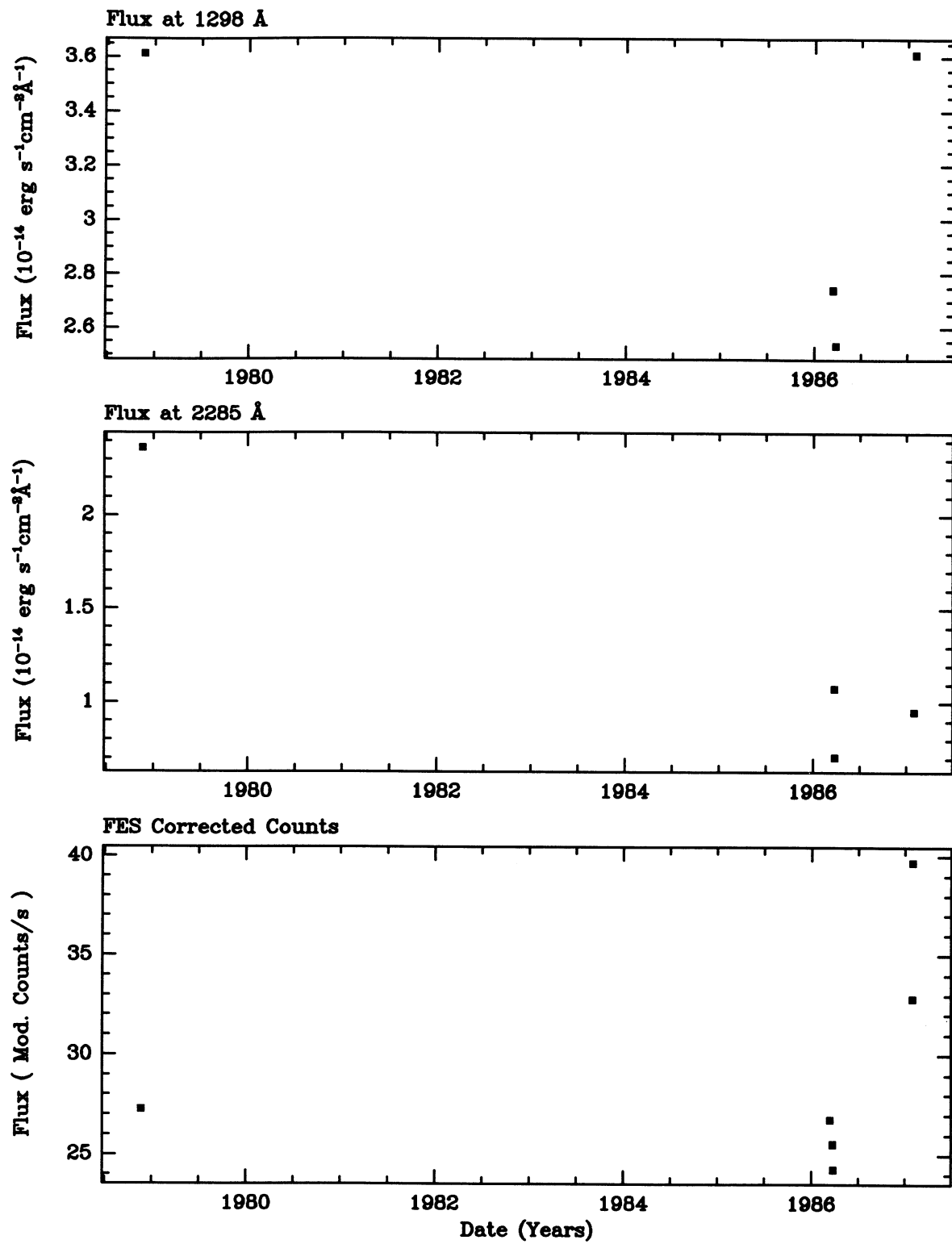
References

- 34
- 98
- 114
- 274
- 559

MRK 9

Right Ascension	: 7h 32m 42.40s
Declination	: 58° 52' 56.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.039
Alternative Names	: EQ 0732+588, IRAS 07327+5852





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1298 Å	2285 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 2984 L	43833.0	20 Nov 78	5400.0				2.37		
2	SWP 3411 L	43835.0	22 Nov 78	10800.0	27	27.28	3.61			
3	SWP 27916 L	46505.0	15 Mar 86	17400.0	21	26.78	2.74		355	
4	LWP 7875 L	46515.0	25 Mar 86	19800.0	20	25.56		1.08	x09	D
5	LWP 7891 L	46517.0	27 Mar 86	10800.0	19	24.29		0.71	346	D
6	SWP 28037 L	46517.0	27 Mar 86	6300.0			2.53		337	
7	LWP 10053 L	46828.0	1 Feb 87	10800.0	29	39.70		0.95	455	D
8	SWP 30222 L	46828.0	1 Feb 87	12600.0	24	32.85	3.61		352	

X-Ray Spectra

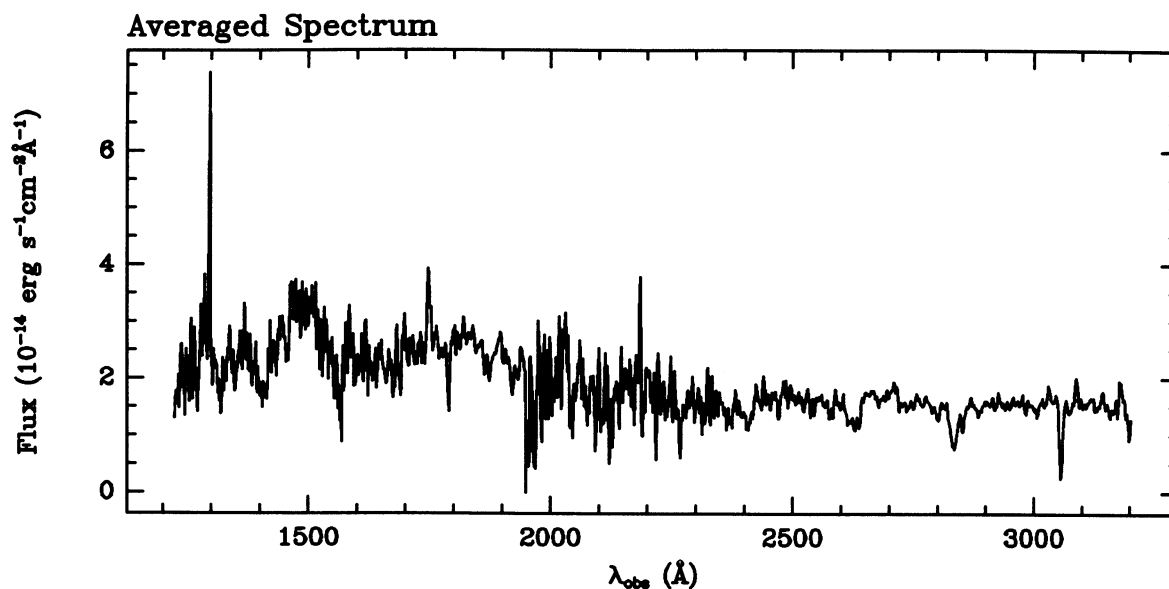
EINSTEIN • 488
EXOSAT • 250

References

• 5 • 8 • 71 • 85 • 94 • 135 • 139 • 145
• 158 • 175 • 179 • 284 • 296 • 320 • 329 • 394
• 453 • 459 • 521 • 559 • 593 • 669 • 707 • 717
• 729 • 804

AOO HARO 1

Right Ascension	:	7h 33m 39.40s
Declination	:	35° 21' 17.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	EQ 073339.4+352117

**Observed Spectra**

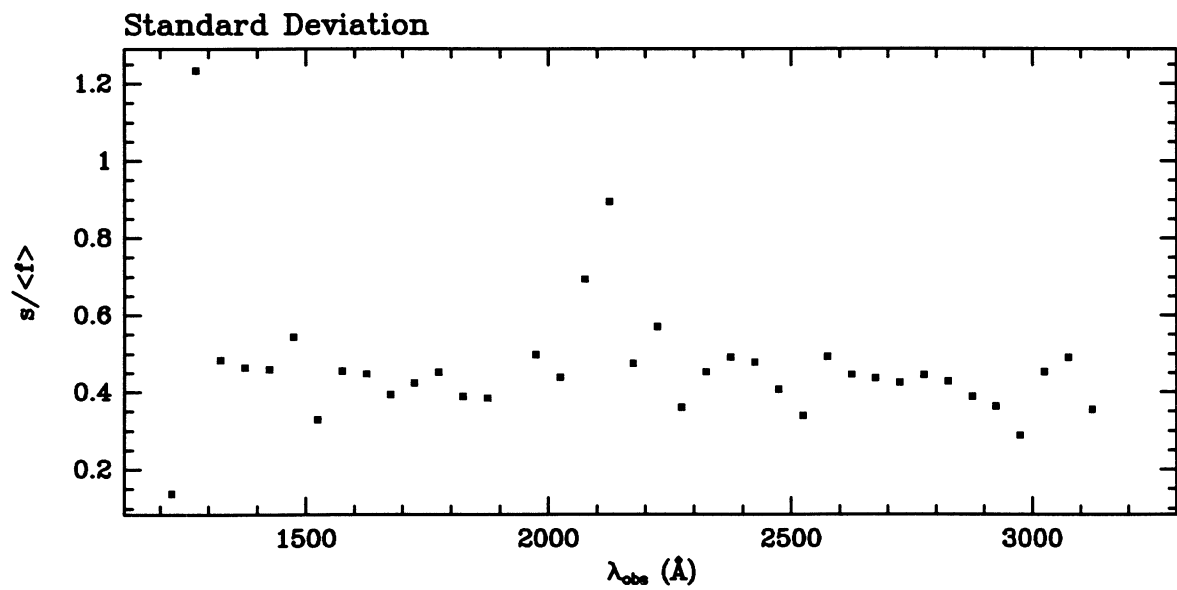
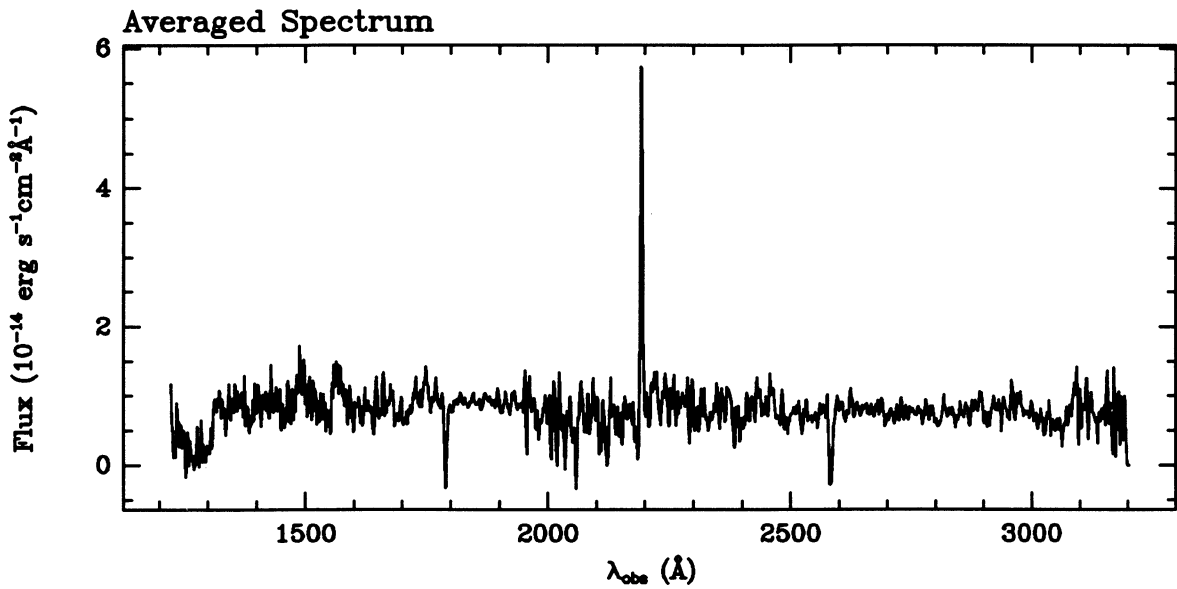
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 11269 L	44644.0	8 Feb 81	12000.0	80	82.30	2.05		3x4	
2	LWP 12703 L	47212.0	20 Feb 88	21300.0	67	101.73		1.94	09	

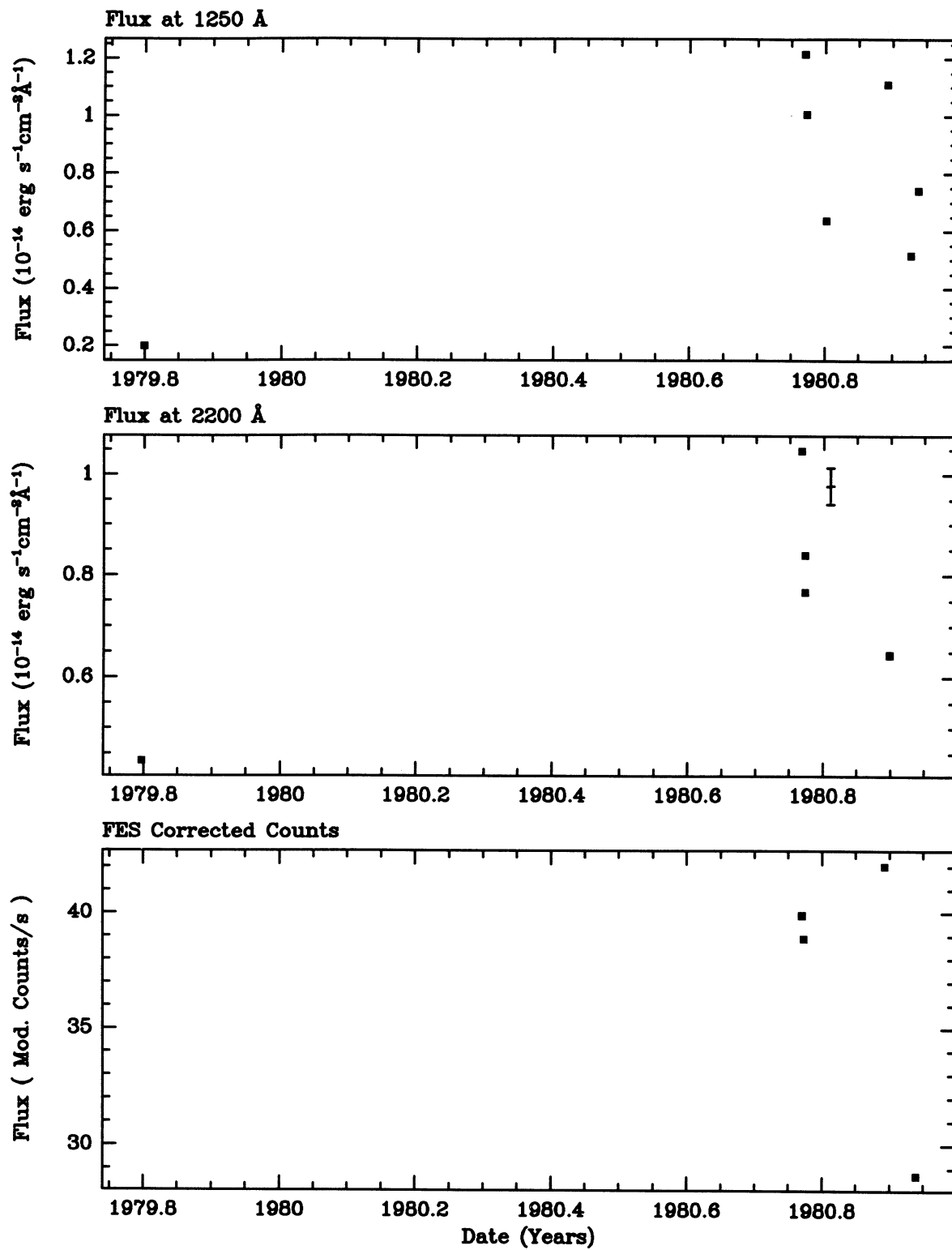
References

• 713

QSO 0735+178

Right Ascension	: 7h 35m 14.18s
Declination	: 17° 49' 09.3"
Object Type	: BL Lac HP
ULDA Type	: 87
Redshift	: Unknown
Alternative Names	: PKS 0735+178, OI 158





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1780 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	5870	L	44165.0	18 Oct 79	7800.0				0.44		303
2	SWP	6907	L	44166.0	19 Oct 79	13499.0			0.20			205
3	LWR	8966	L	44520.0	7 Oct 80	5700.0				1.05		302
4	SWP	10303	L	44521.0	8 Oct 80	17340.0	39	39.91	1.22			303
5	LWR	8980	L	44522.0	9 Oct 80	7200.0				0.84		309
6	LWR	8981	L	44522.0	9 Oct 80	7200.0				0.77		309
7	SWP	10313	L	44522.0	9 Oct 80	8100.0	38	38.89	1.01			309
8	SWP	10435	L	44533.0	20 Oct 80	22800.0			0.64			304
9	SWP	10660	L	44566.0	22 Nov 80	23160.0	41	42.03	1.11			302
10	SWP	10660	S	44566.0	22 Nov 80	23160.0						302
11	LWR	9380	L	44568.0	24 Nov 80	23880.0				0.64		309
12	SWP	10764	L	44579.0	5 Dec 80	14400.0			0.52			337
13	SWP	10790	L	44583.0	9 Dec 80	24000.0	28	28.73	0.74			305

X-Ray Spectra

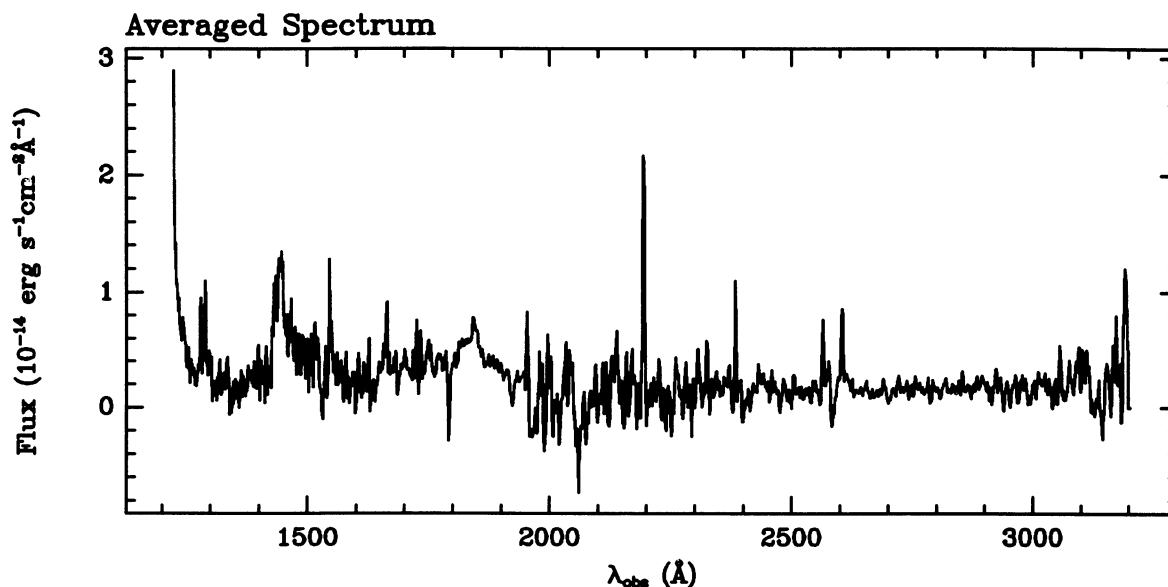
EINSTEIN	• 192	• 508	• 763	• 1122
	• 1279			
EXOSAT	• 314	• 317	• 320	

References

• 28	• 35	• 69	• 83	• 94	• 95	• 107	• 133
• 189	• 238	• 255	• 265	• 279	• 291	• 463	• 522
• 526	• 564	• 698	• 715	• 776	• 807	• 808	• 858

QSO 0736+016

Right Ascension	:	7h 36m 42.53s
Declination	:	1° 43' 59.9"
Object Type	:	Quasar HP
ULDA Type	:	85
Redshift	:	0.191
Alternative Names	:	OI 061, PKS 0736+017

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1488 Å	2620 Å	CEB	Flag
1	SWP 15692 L	44948.0	9 Dec 81	24600.0			0.35		34	
2	SWP 15773 L	44955.0	16 Dec 81	24000.0			0.73		339	
3	SWP 15822 L	44960.0	21 Dec 81	25620.0			0.45		333	
4	LWR 17197 L	45700.0	31 Dec 83	25200.0				0.25	307	

X-Ray Spectra

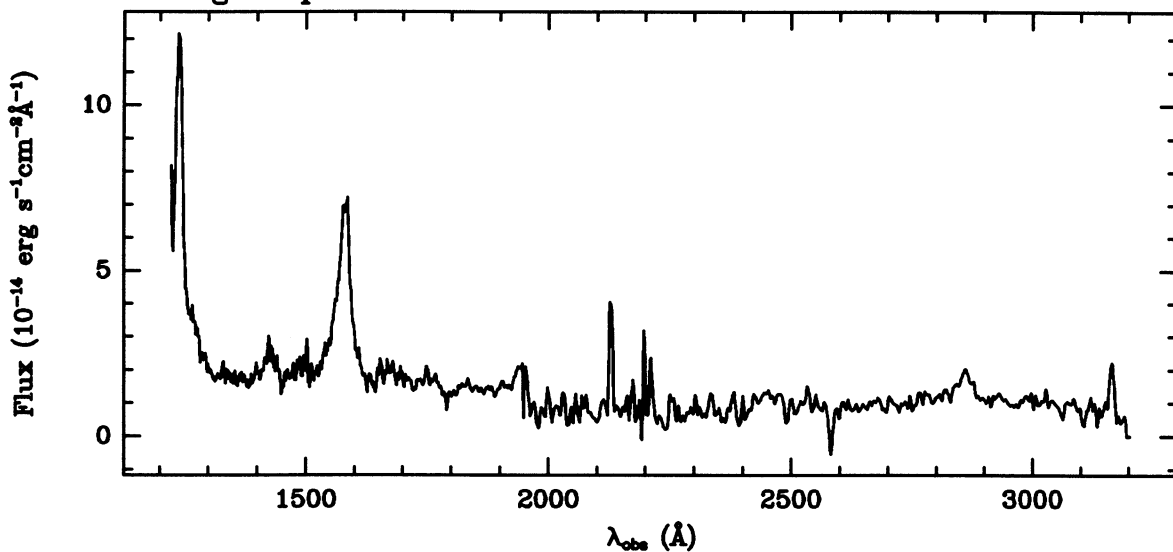
EINSTEIN • 495 • 793 • 1282

References

• 6 • 8 • 18 • 68 • 85 • 284 • 302 • 488
 • 498 • 504 • 526 • 564 • 643 • 662 • 729 • 730
 • 807 • 808

MRK 79

Right Ascension	:	7h 38m 46.90s
Declination	:	49° 55' 47.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.022
Alternative Names	:	UGC 3973, MCG+08-14-0033
	:	IRAS 07388+4955, QSO 0738+499

Averaged Spectrum**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1277 Å	2248 Å		CEB
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 1364 L	43614.0	15 Apr 78	10800.0	50	50.63	4.94			
2	LWR 6141 L	44192.0	14 Nov 79	7200.0				0.64		341
3	SWP 7145 L	44192.0	14 Nov 79	3600.0			2.06			231
4	SWP 7146 L	44192.0	14 Nov 79	10800.0			2.19			351
5	SWP 18904 L	45332.0	28 Dec 82	12960.0	41	44.25	3.22			336

X-Ray Spectra

EINSTEIN • 190

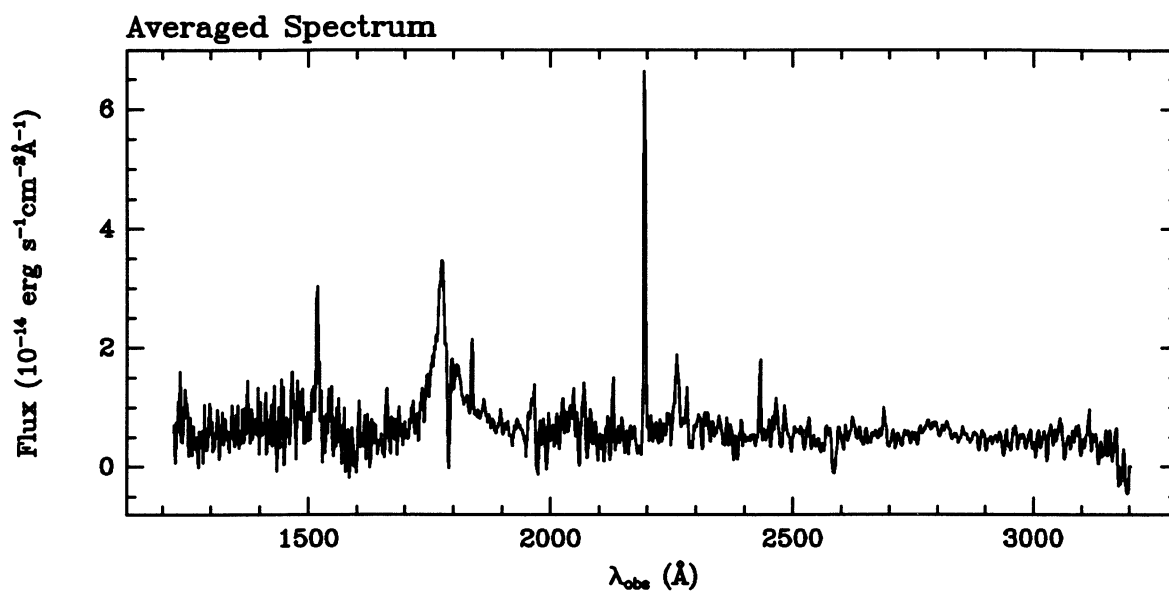
EXOSAT • 553 • 684

References

- 16
- 94
- 177
- 320
- 566
- 776
- 26
- 135
- 179
- 335
- 593
- 804
- 57
- 139
- 206
- 359
- 607
- 816
- 63
- 145
- 231
- 394
- 622
- 841
- 71
- 146
- 261
- 488
- 662
- 76
- 151
- 284
- 495
- 669
- 81
- 158
- 296
- 521
- 717
- 85
- 175
- 315
- 555
- 729

QSO 0742+318

Right Ascension	:	7h 42m 30.74s
Declination	:	31° 50' 15.7"
Object Type	:	Quasar S1
ULDA Type	:	84,85
Redshift	:	0.462
Alternative Names	:	4C 31.30, OI 371

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1827 Å	3000 Å	CEB	Flag	
						cts/s		10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$			
1	LWR 9443 L	44580.0	6 Dec 80	7200.0				306			
2	SWP 10765 L	44580.0	6 Dec 80	10200.0			1.58	0.39			339
3	LWR 10366 L	44711.0	16 Apr 81	24600.0				0.45			456
4	LWR 12177 L	44958.0	19 Dec 81	30000.0				0.55			408
5	LWR 15486 L	45408.0	14 Mar 83	3600.0				0.47			303
6	SWP 19457 L	45408.0	14 Mar 83	19200.0			0.94				344
7	LWR 15496 L	45409.0	15 Mar 83	21600.0				0.40			347

X-Ray Spectra

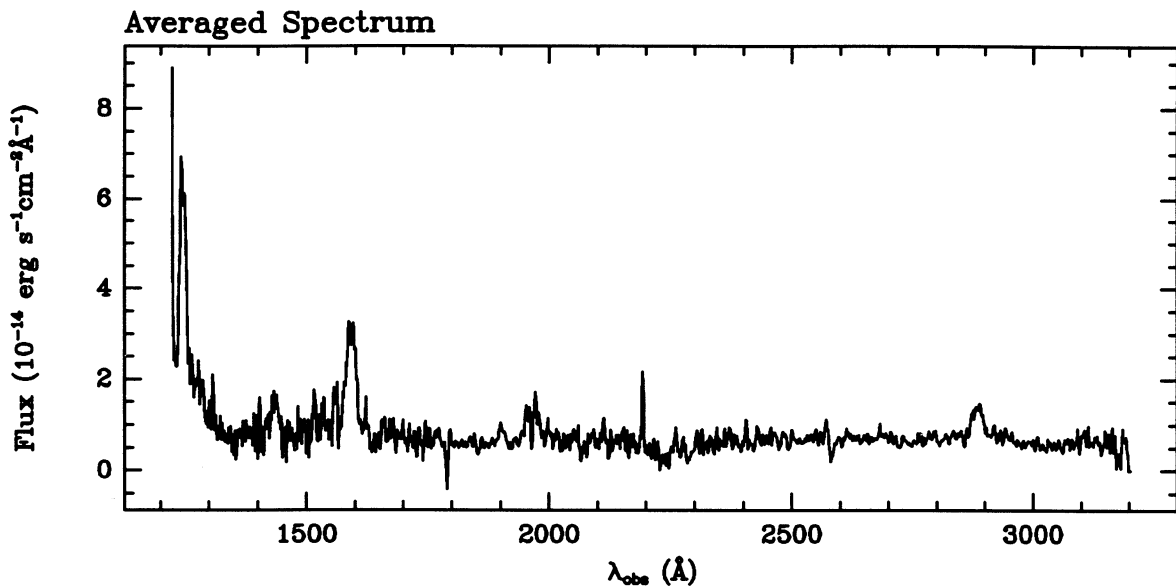
EINSTEIN	• 199	• 520	• 521	
EXOSAT	• 604	• 702	• 1206	• 1207
	• 1208	• 1209		

References

- 14
- 85
- 153
- 302
- 320
- 414
- 423
- 504
- 549
- 598
- 701
- 745
- 766
- 804
- 830
- 895

MRK 10

Right Ascension	: 7h 43m 07.40s
Declination	: 61° 03' 23.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.030
Alternative Names	: UGC 4013, MCG+10-11-0138, MRK 10
	: IRAS 07431+6103, EQ 0743+610

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2266 Å	CEB	Flag
1	SWP 3491 L	43842.0	29 Nov 78	18300.0			1.63			

X-Ray Spectra

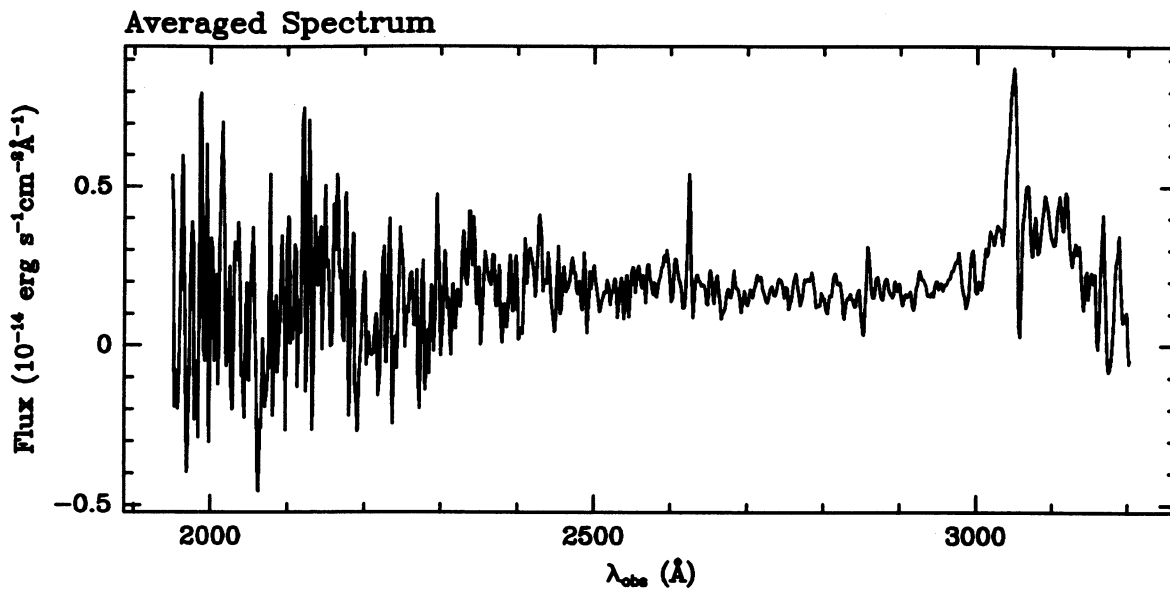
EXOSAT • 672

References

- 71 • 81 • 85 • 94 • 139 • 145 • 175 • 178
- 179 • 254 • 284 • 315 • 320 • 335 • 394 • 559
- 593 • 669 • 717 • 729 • 804

AOO PKS 0743-672

Right Ascension	:	7h 43m 22.90s
Declination	:	-67° 19' 05.7"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.510
Alternative Names	:	PG 0743-672

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 1414 L	44947.0	8 Dec 81	21840.0				0.24		243

X-Ray Spectra

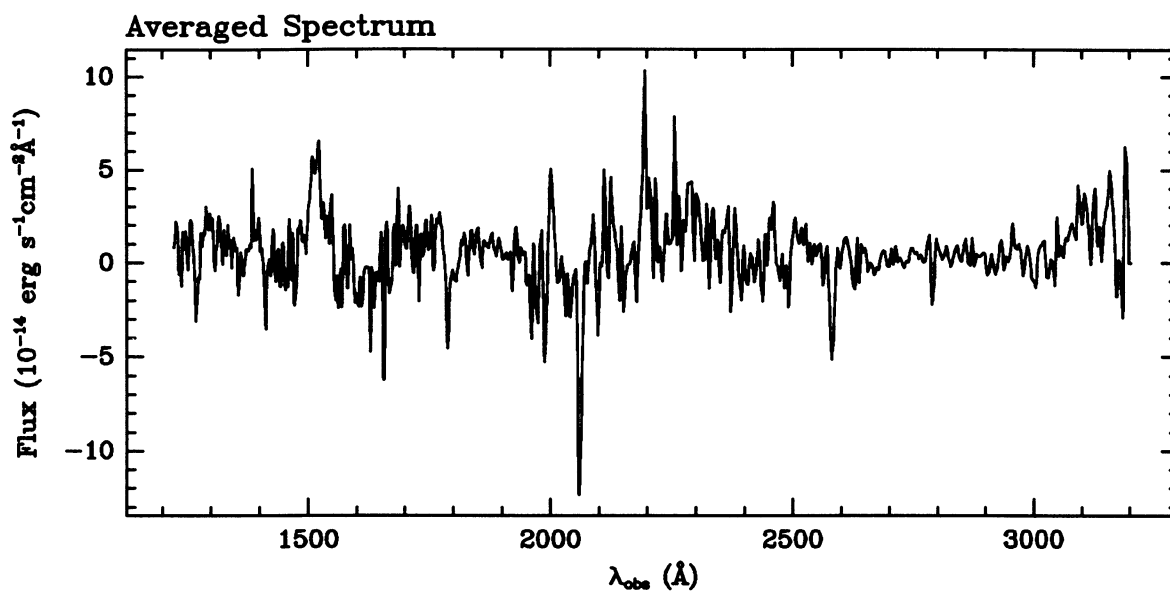
EINSTEIN	• 826			
EXOSAT	• 1404	• 1405	• 1411	• 1425
	• 1426	• 1447	• 1478	• 1499
	• 1613	• 1711	• 2005	

References

- 842
- 855

MRK 12

Right Ascension	:	7h 44m 41.00s
Declination	:	74° 29' 06.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.014
Alternative Names	:	UGC 4028, MCG+12-08-0013

**Observed Spectra**

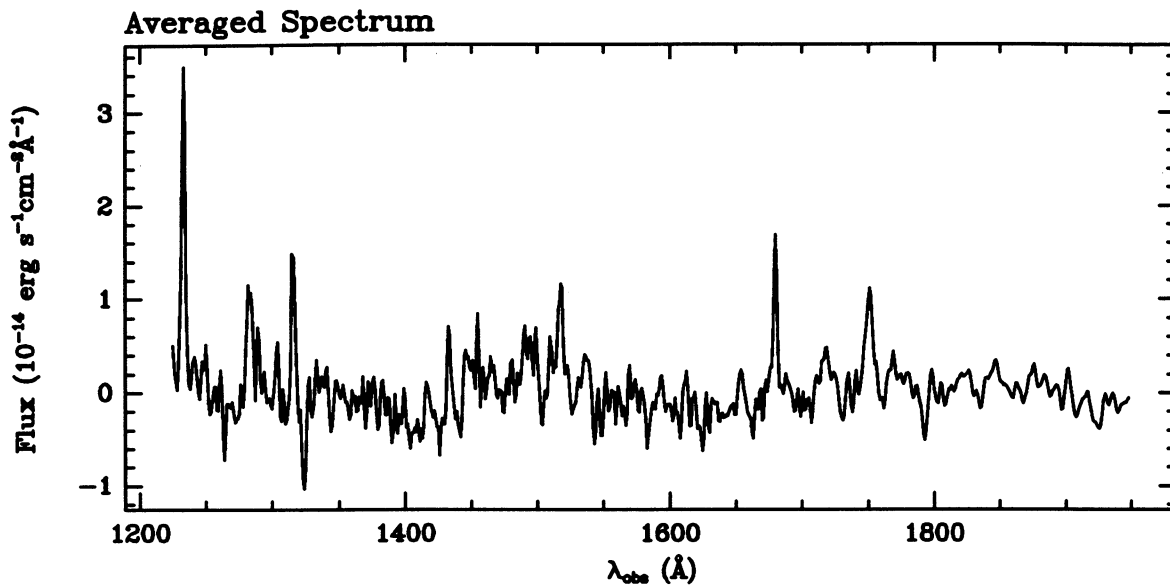
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1267 \AA	2230 \AA	CEB	Flag
1	LWR 5709 L	44145.0	28 Sep 79	2099.0						
2	SWP 6655 L	44145.0	28 Sep 79	2099.0			0.34	1.38		306
3	SWP 6723 L	44150.0	3 Oct 79	5820.0	29	29.37	0.94			302

References

- 78
- 135

AOO PKS 0745-192

Right Ascension	:	7h 45m 07.00s
Declination	:	-19° 10' 10.0"
Object Type	:	Radiogalaxy
ULDA Type	:	86
Redshift	:	0.103
Alternative Names	:	PKS 0745-191

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1378 Å	2426 Å	CEB	Flag
1	SWP	24839	L	46071.0	5 Jan 85	14400.0						113
2	SWP	24850	L	46072.0	6 Jan 85	14400.0						112

X-Ray Spectra

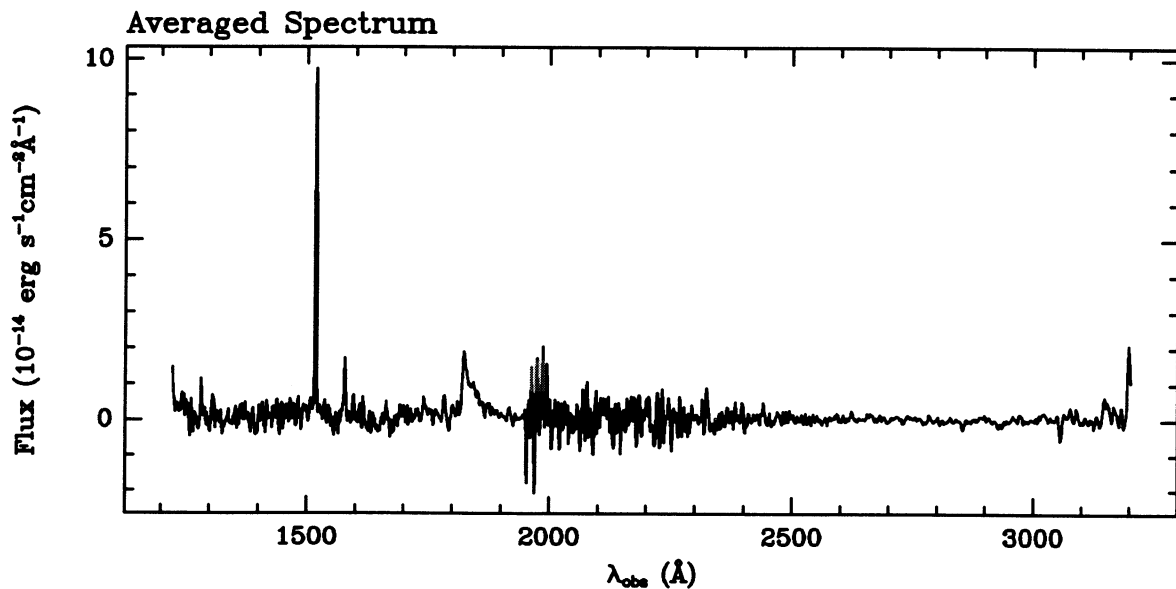
EINSTEIN	• 209	• 780	• 796	• 797
	• 1116	• 1284		
EXOSAT	• 547	• 1882		

References

• 510 • 778 • 799

MRK 382

Right Ascension	:	7h 52m 03.20s
Declination	:	39° 19' 07.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.034
Alternative Names	:	MCG+07-17-0001, EQ 0752+393

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1292 Å	2274 Å	CEB	Flag
1	LWP	13077	L	47271.0	19 Apr 88	9180.0						06
2	SWP	33313	L	47271.0	19 Apr 88	12000.0			0.16			204

X-Ray Spectra

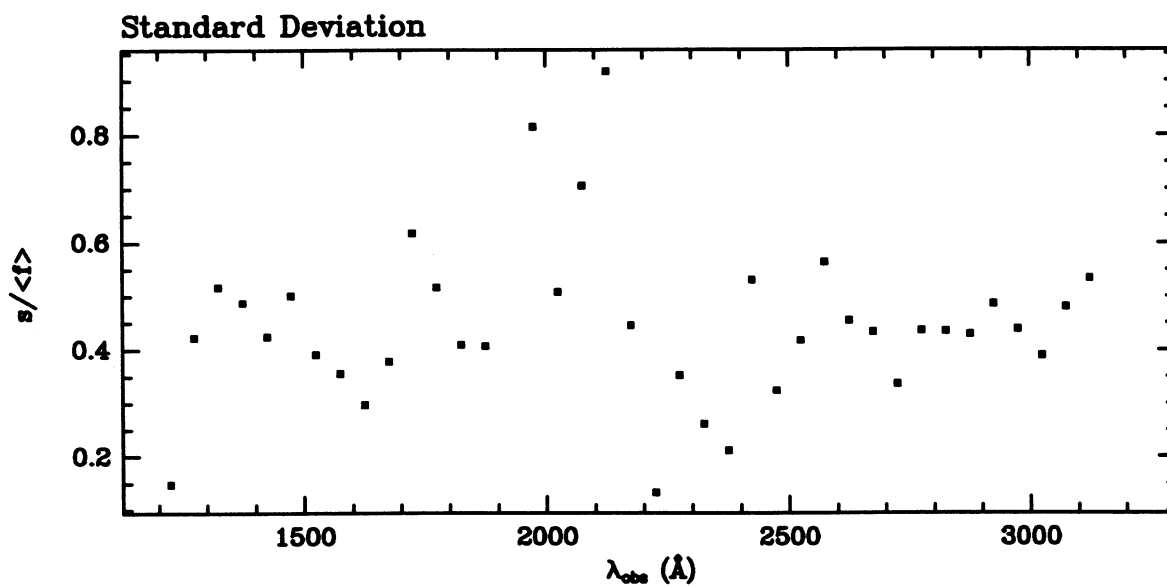
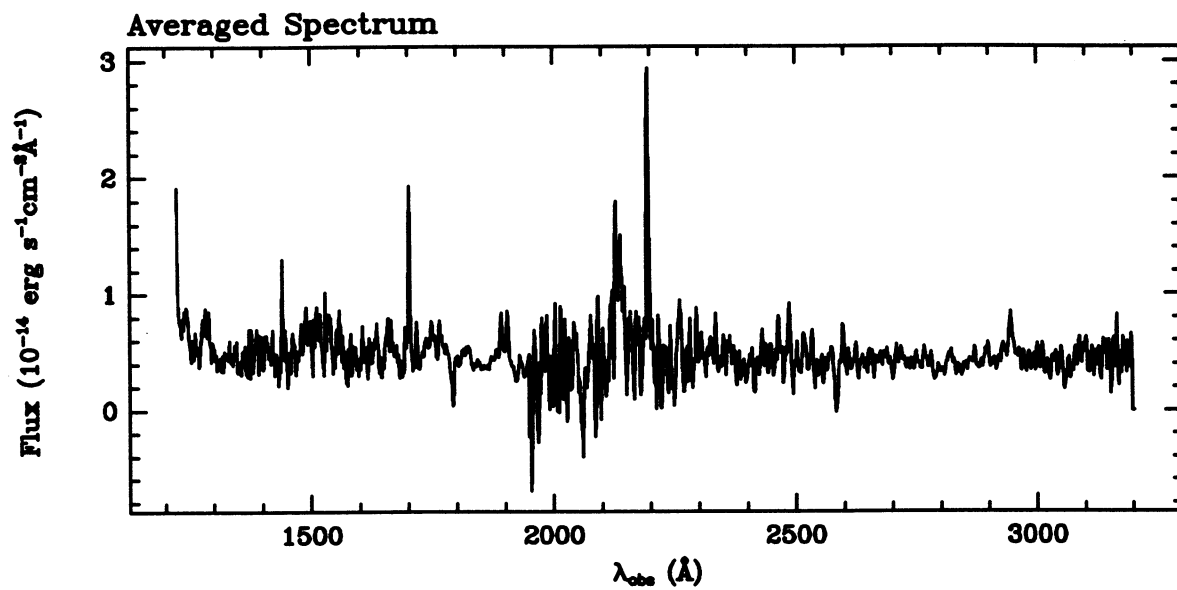
EINSTEIN • 189 • 195 • 526
EXOSAT • 399

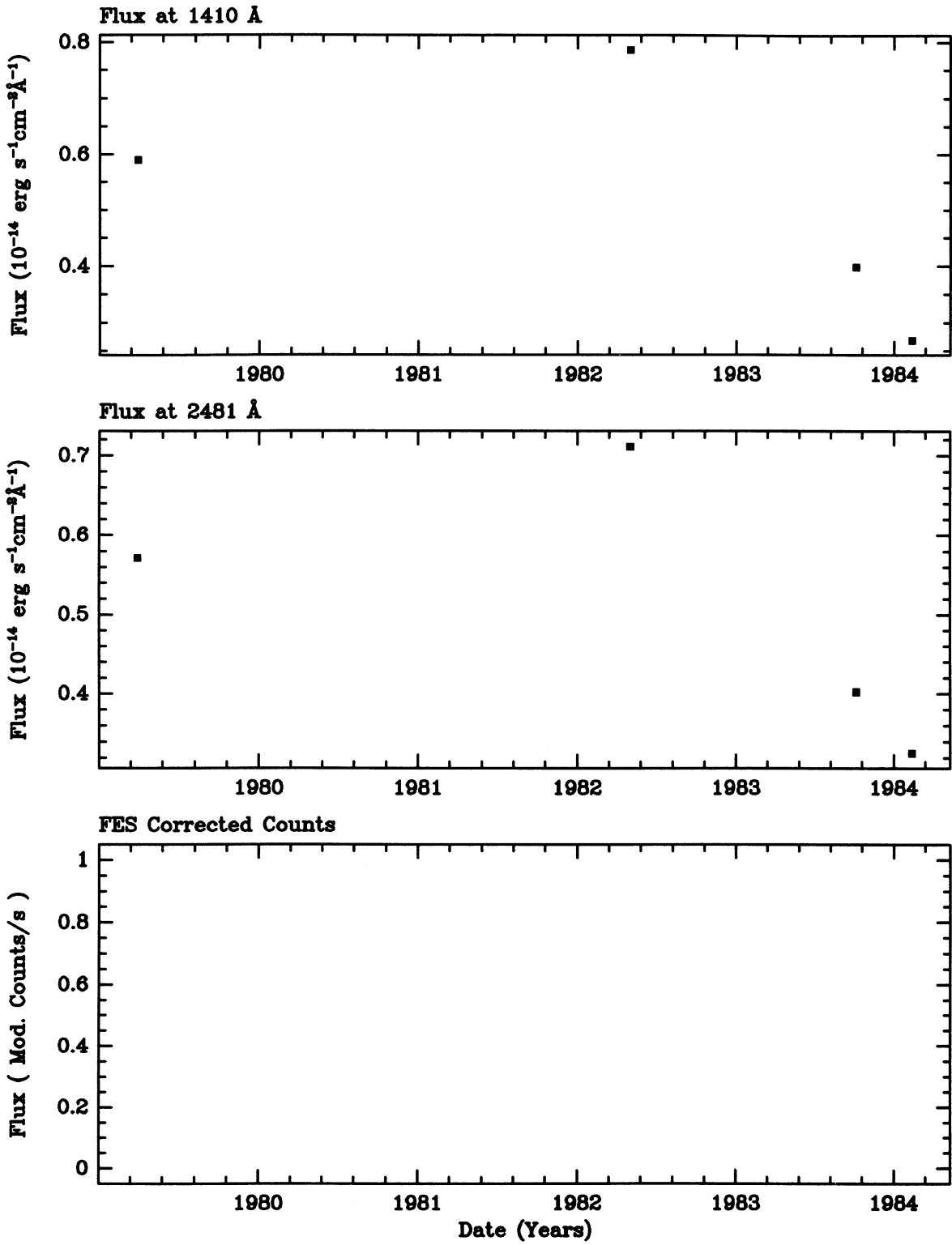
References

• 85 • 145 • 284 • 320 • 394 • 669 • 717

QSO 0754+100

Right Ascension	: 7h 54m 22.57s
Declination	: 10° 04' 38.7"
Object Type	: BL Lac HP
ULDA Type	: 87
Redshift	: 0.128
Alternative Names	: OI 090.4





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1410 Å	2481 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	LWR	4146	L	43963.0	30 Mar 79	7680.0				0.57		30
2	SWP	4806	L	43963.0	30 Mar 79	14400.0			0.59			30
3	LWR	13137	L	45092.0	2 May 82	11100.0				0.71		306
4	SWP	16887	L	45093.0	3 May 82	24000.0			0.79			307
5	SWP	21242	L	45613.0	5 Oct 83	14400.0			0.40			303
6	LWR	16932	L	45614.0	6 Oct 83	7800.0				0.40		302
7	LWP	2771	L	45743.0	12 Feb 84	7200.0				0.33		312 D
8	SWP	22252	L	45743.0	12 Feb 84	17280.0			0.27			312

X-Ray Spectra

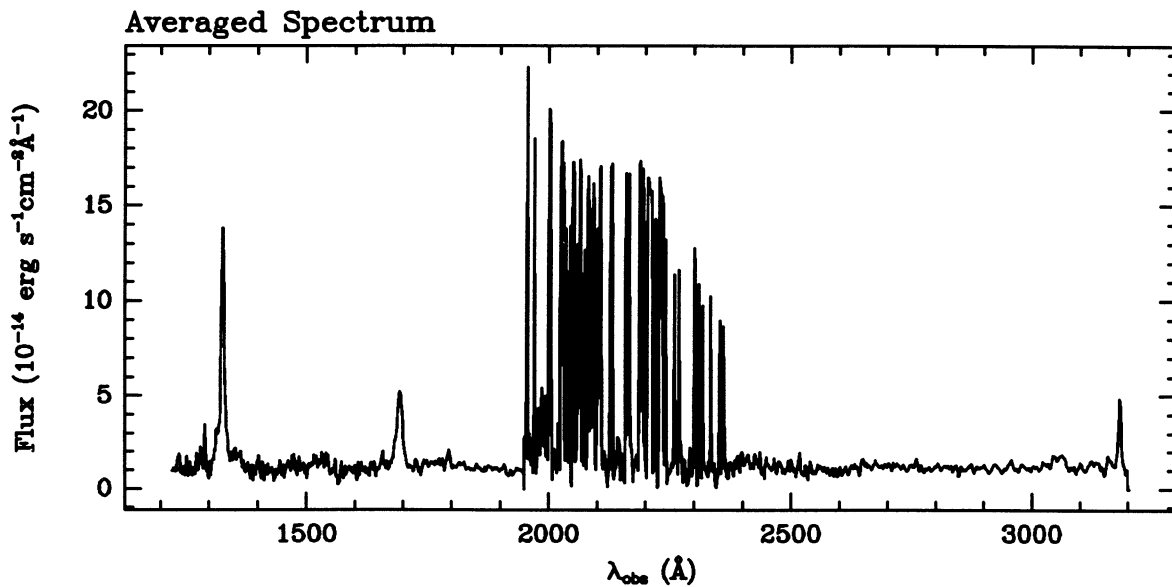
EINSTEIN	• 211	• 513	• 1123	• 1124
	• 1280	• 1281		
EXOSAT	• 464	• 570	• 1503	

References

• 35 • 69 • 279 • 330 • 526 • 715 • 853

AOO 0754 +395

Right Ascension	:	7h 54m 38.20s
Declination	:	39° 28' 34.0"
Object Type	:	Quasar
ULDA Type	:	84
Redshift	:	0.096
Alternative Names	:	1E 0754.6+3928, EQ 0754+394

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1370 Å	2411 Å	CEB	Flag
1	LWP 1408 L	44941.0	2 Dec 81	5400.0					041	D
2	SWP 15620 L	44941.0	2 Dec 81	10800.0			1.42	1.49	351	

X-Ray Spectra

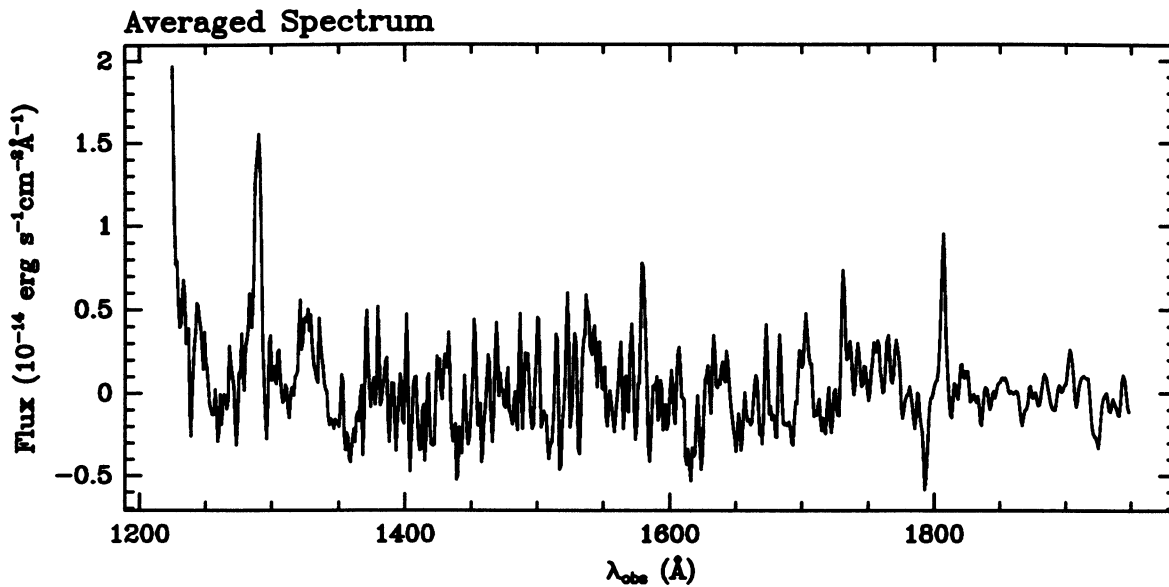
EINSTEIN • 189 • 195 • 526
 EXOSAT • 399

References

• 817

AOO 3C 192

Right Ascension	:	8h 02m 35.00s
Declination	:	24° 18' 34.0"
Object Type	:	Seyfert 2
ULDA Type	:	86
Redshift	:	0.060
Alternative Names	:	PKS 0802+243, 4C 24.16
	:	NRAO 280, OJ 204

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1325 Å	2332 Å	CEB	Flag
1	SWP 22441 L	45768.0	8 Mar 84	15360.0			10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	0.12		05

X-Ray Spectra

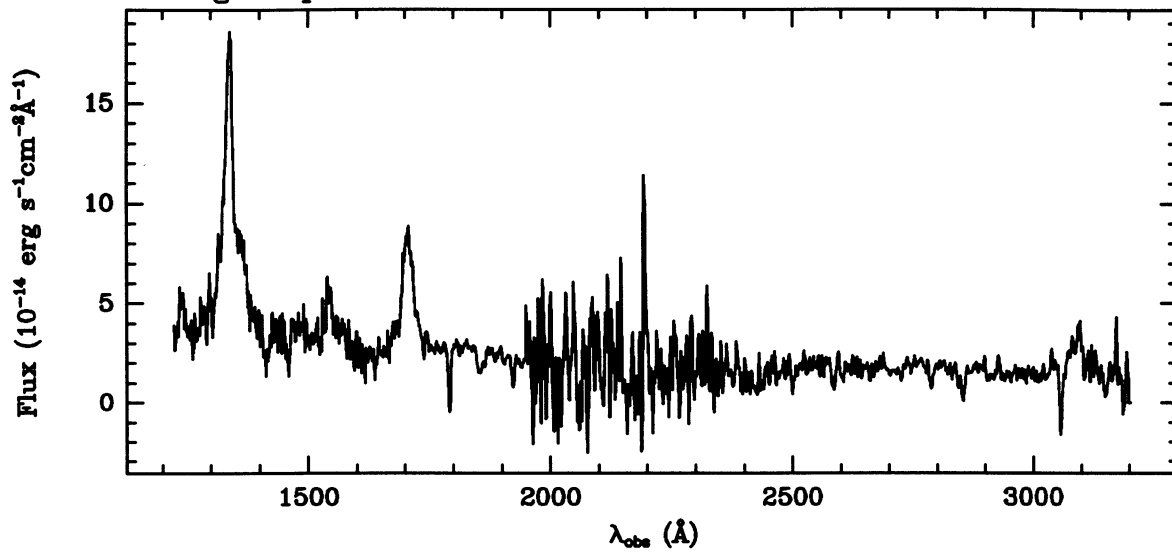
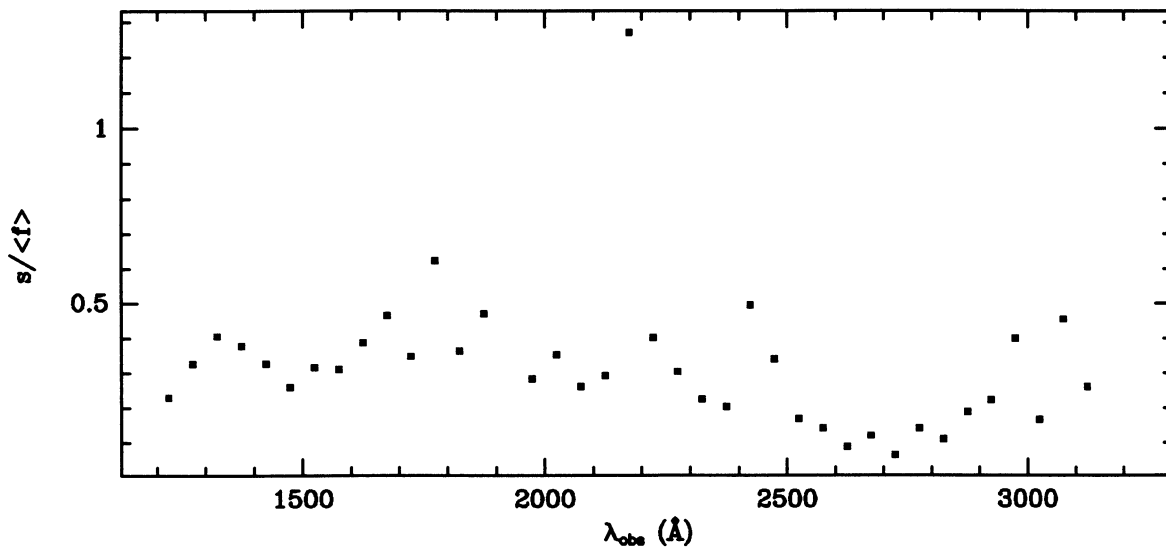
EINSTEIN • 196 • 197 • 200 • 767

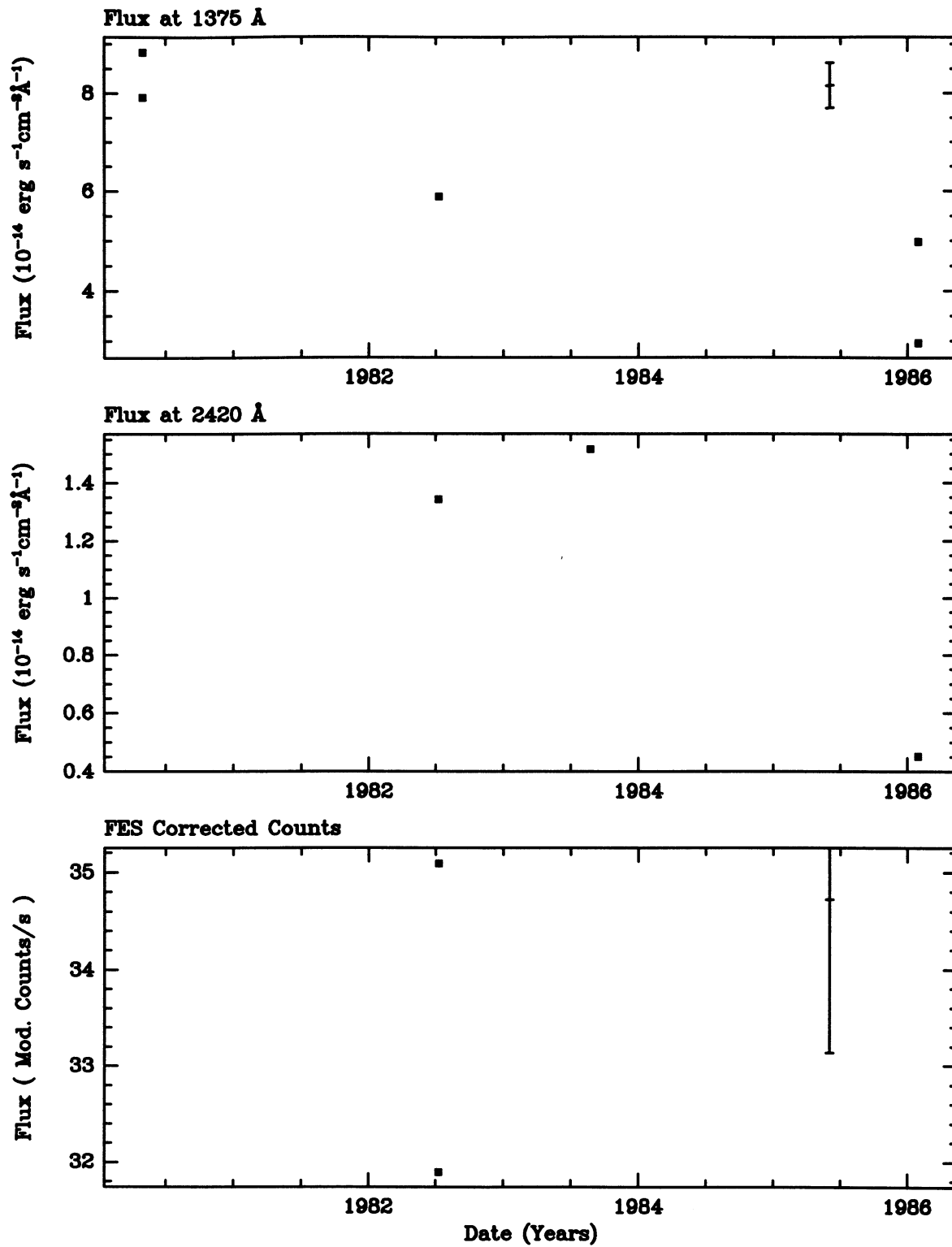
References

• 81 • 93 • 164 • 285 • 315 • 419 • 445 • 499

PG 0804+761

Right Ascension	: 8h 04m 35.40s
Declination	: 76° 11' 32.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.100
Alternative Names	: QSO 0804+761, PKS 0804+762

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1375 Å	2420 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	8882	L	44361.0	1 May 80	12000.0			8.84		4x7	
2	SWP	8884	L	44361.0	1 May 80	2220.0			7.92		241	
3	LWR	13645	L	45161.0	10 Jul 82	12600.0	30	31.90		1.35	303	
4	SWP	17393	L	45161.0	10 Jul 82	10800.0	33	35.09	5.88		353	
5	LWR	16666	L	45572.0	25 Aug 83	2280.0				1.52	305	
6	LWP	7604	L	46462.0	31 Jan 86	2400.0				0.45	309	D
7	SWP	27639	L	46462.0	31 Jan 86	4500.0			4.99		339	
8	SWP	27640	L	46462.0	31 Jan 86	2700.0			2.96		339	

X-Ray Spectra

EINSTEIN • 1113

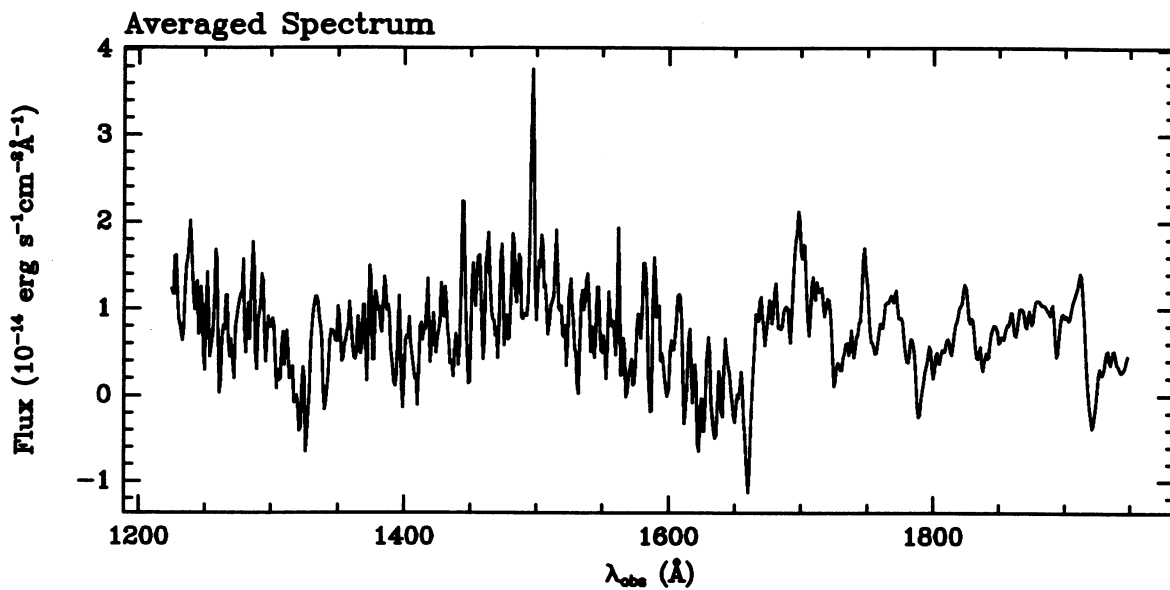
EXOSAT • 1318 • 1461

References

• 280 • 621 • 776 • 832 • 842 • 930

NGC 2537

Right Ascension	: 8h 09m 43.10s
Declination	: 46° 08' 33.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.001
Alternative Names	: UGC 4274, MCG+08-15-0050
	: MRK 86, IRAS 08096+4608



Observed Spectra

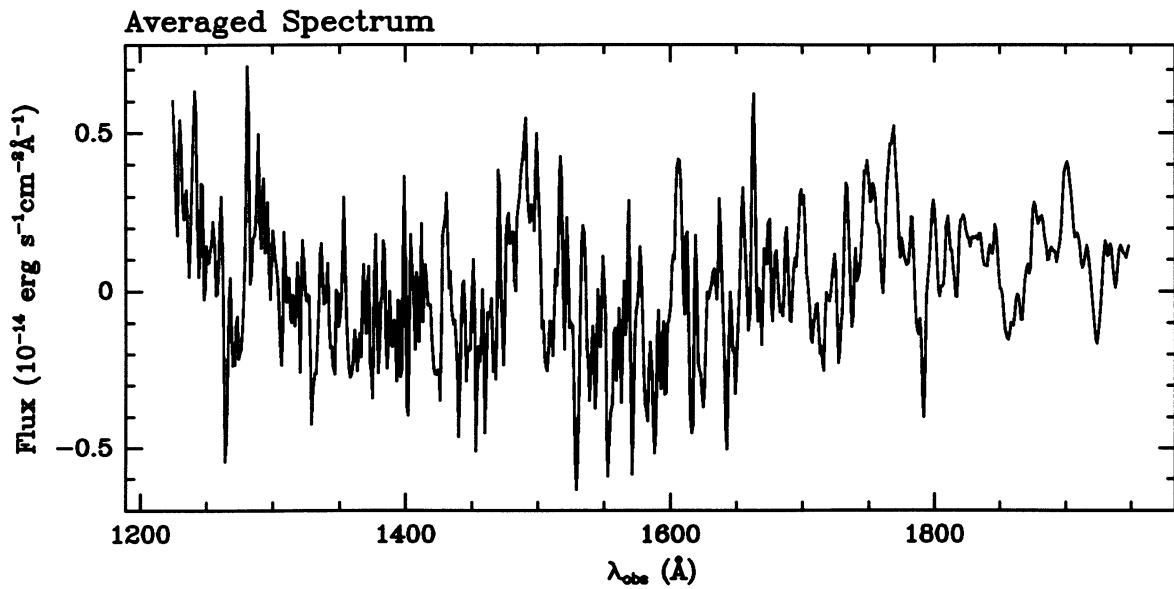
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
1	SWP 10473 L	44538.0	25 Oct 80	5700.0	30	30.72	1.01		36	
2	SWP 11270 L	44644.0	8 Feb 81	9900.0	31	31.89	0.91		2x4	
3	SWP 22359 L	45757.0	26 Feb 84	19500.0			0.99		303	

References

• 167 • 713

AOO PKS 0823-223

Right Ascension	:	8h 23m 50.00s
Declination	:	-22° 20' 35.0"
Object Type	:	BL Lac HP
ULDA Type	:	85
Redshift	:	0.910
Alternative Names	:	OJ -240



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2387 Å	3000 Å	CEB	Flag
1	SWP 32683 L	47168.0	7 Jan 88	18000.0			10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹		112	

X-Ray Spectra

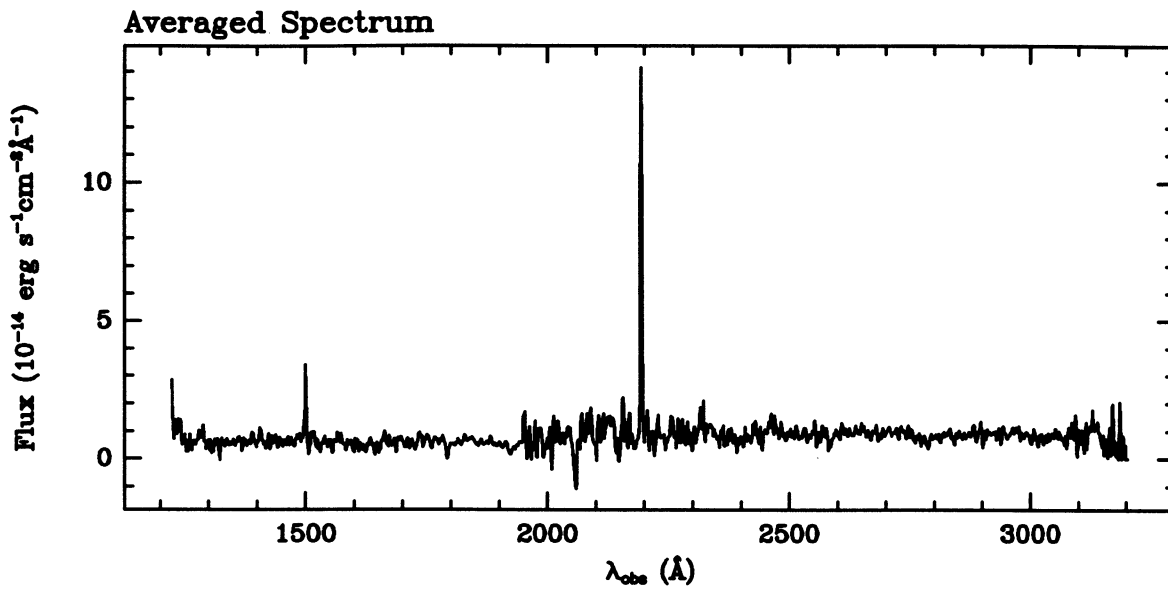
EINSTEIN • 1285

References

• 886

QSO 0829+046

Right Ascension	:	8h 29m 10.91s
Declination	:	4° 39' 51.1"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	0.180
Alternative Names	:	OJ 049, PKS 0829+046

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1475 Å	2596 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 10793 L	44762.0	6 Jun 81	6300.0	34	35.19			302	
2	SWP 14200 L	44762.0	6 Jun 81	18540.0	42	43.47	0.98	0.86	304	
3	SWP 19261 L	45381.0	15 Feb 83	9900.0			1.04		304	
4	SWP 21259 L	45617.0	9 Oct 83	10560.0			0.18		304	

X-Ray Spectra

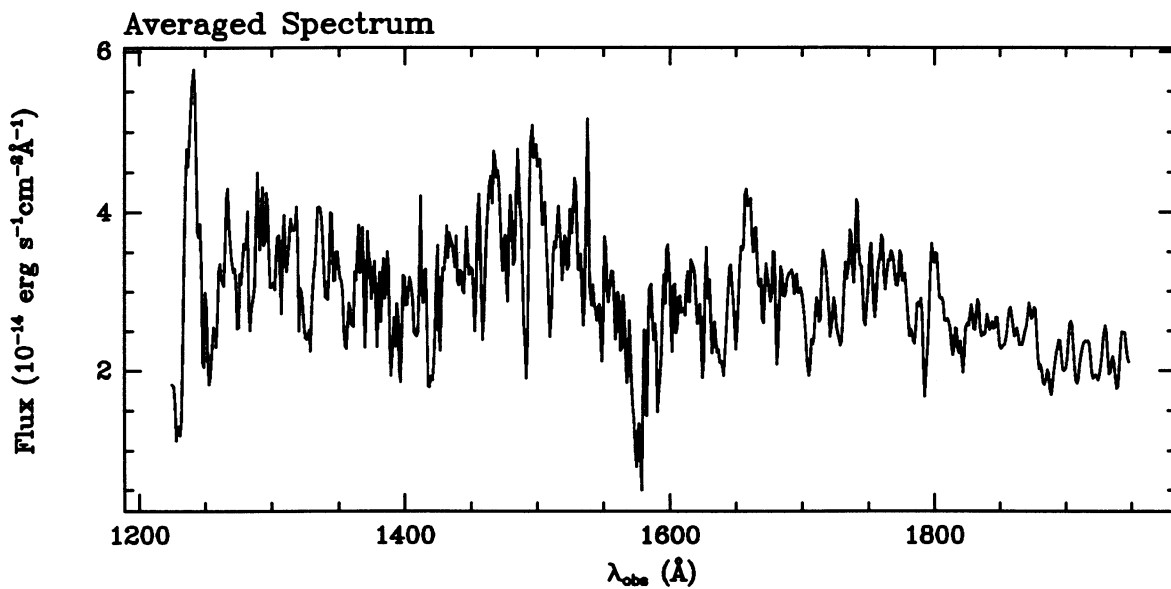
EINSTEIN • 212 • 509 • 511 • 778
EXOSAT • 717

References

• 238 • 279 • 522 • 526

AOO 0833 +652

Right Ascension	:	8h 33m 57.30s
Declination	:	65° 17' 45.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.019
Alternative Names	:	IRAS 08339+6517, 1E 0834.0+6517

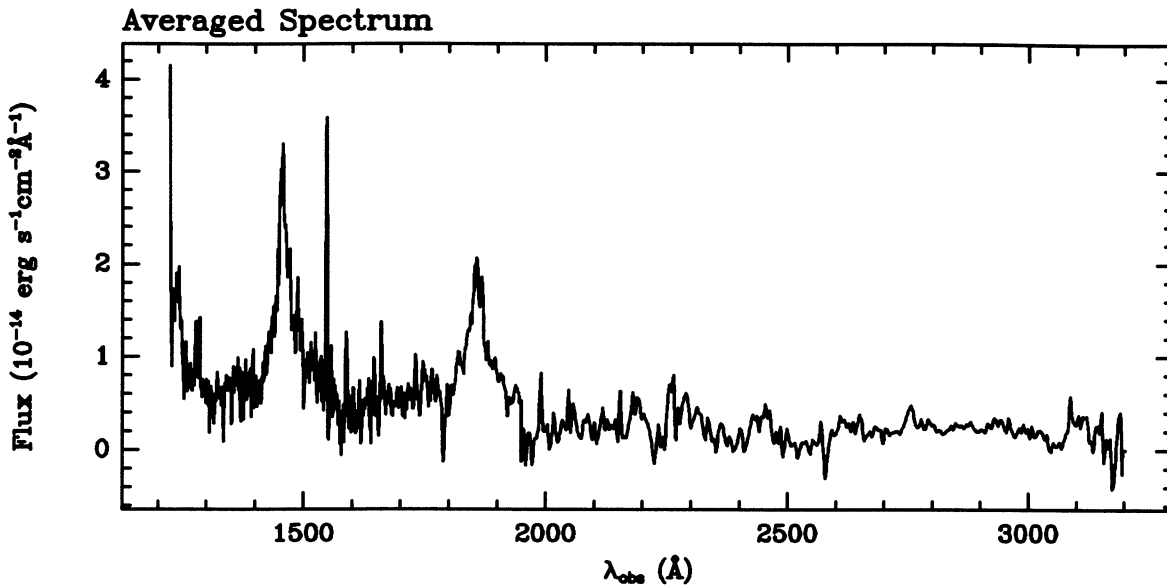


Observed Spectra

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	SWP 26088 L	46221.0	4 Jun 85	4680.0	55	66.58	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		3.22	301

QSO 0837-120

Right Ascension	:	8h 37m 27.95s
Declination	:	-12° 03' 54.2"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.200
Alternative Names	:	3C 206, PKS 0837-120, NRAO 299
	:	OJ 162, PG 0837-12

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	2640 Å	CEB	Flag
1	SWP 4292 L	43923.0	18 Feb 79	23520.0			1.09			35
2	LWR 4214 L	43972.0	8 Apr 79	19500.0				0.25		33

X-Ray Spectra

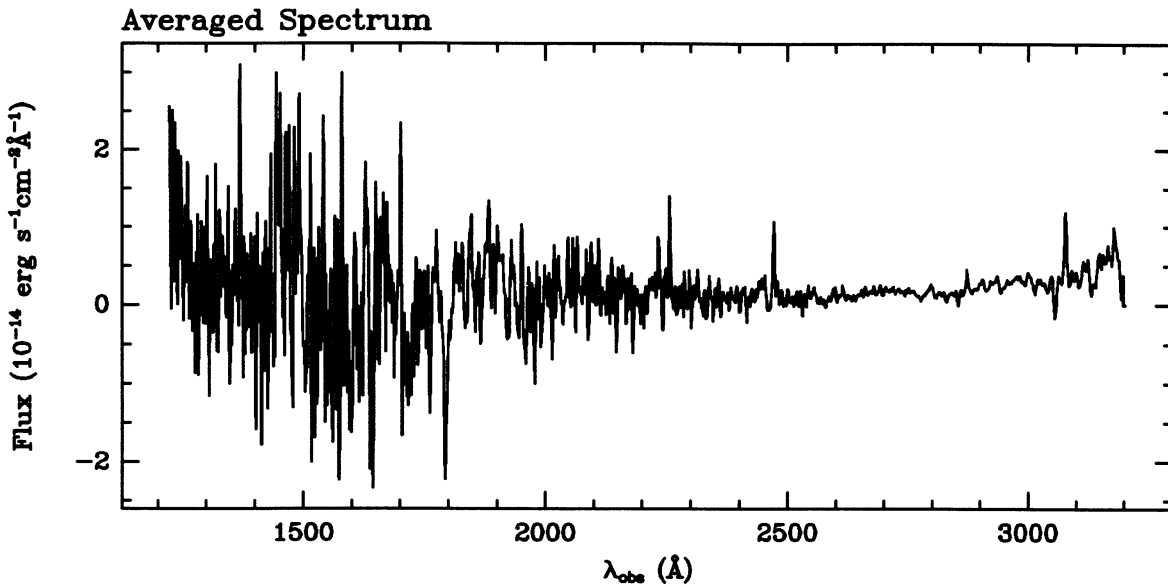
EINSTEIN • 561 • 1289
EXOSAT • 1916

References

• 14 • 85 • 153 • 284 • 302 • 315 • 320 • 474
• 504 • 590 • 603 • 634 • 656 • 669 • 677 • 708
• 776 • 804 • 842 • 855 • 879 • 887 • 895

NGC 2639

Right Ascension	:	8h 40m 03.00s
Declination	:	50° 23' 11.0"
Object Type	:	Seyfert 1
ULDA Type	:	88
Redshift	:	0.011
Alternative Names	:	UGC 4544, MCG+08-16-0024



Observed Spectra

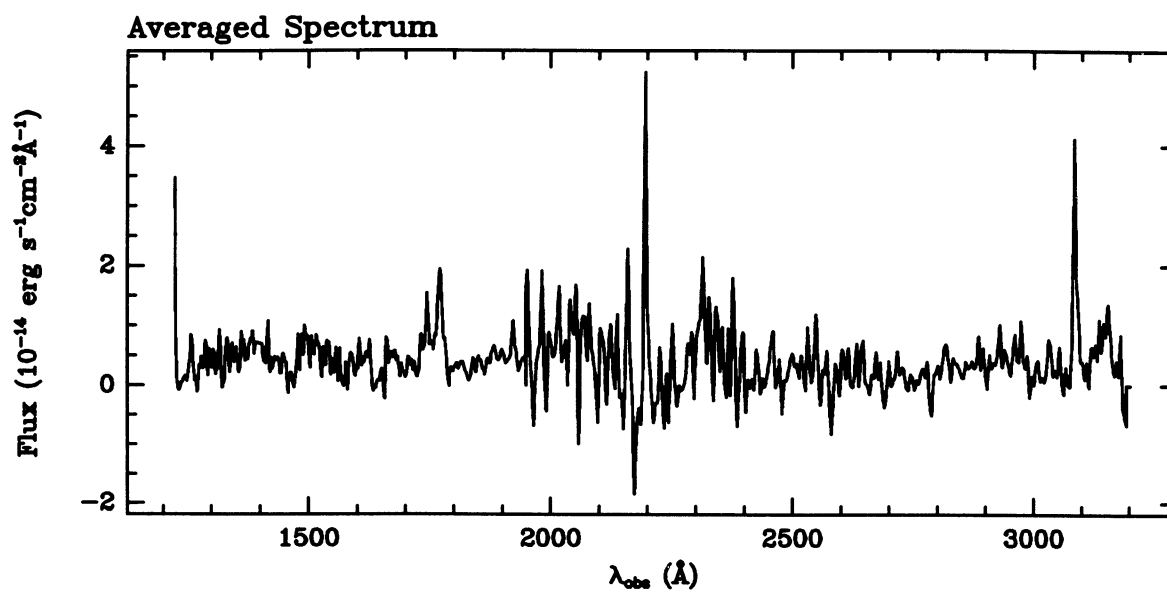
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
1	SWP	28286	L	46561.0	10 May 86	4800.0	93	119.97	0.51		06	
2	LWP	8219	L	46569.0	18 May 86	24480.0	75	96.91		0.20	309	D

References

- 47
- 136
- 194
- 197
- 384

MRK 702

Right Ascension	:	8h 42m 45.30s
Declination	:	16° 16' 46.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.054
Alternative Names	:	PG 0842+163

**Observed Spectra**

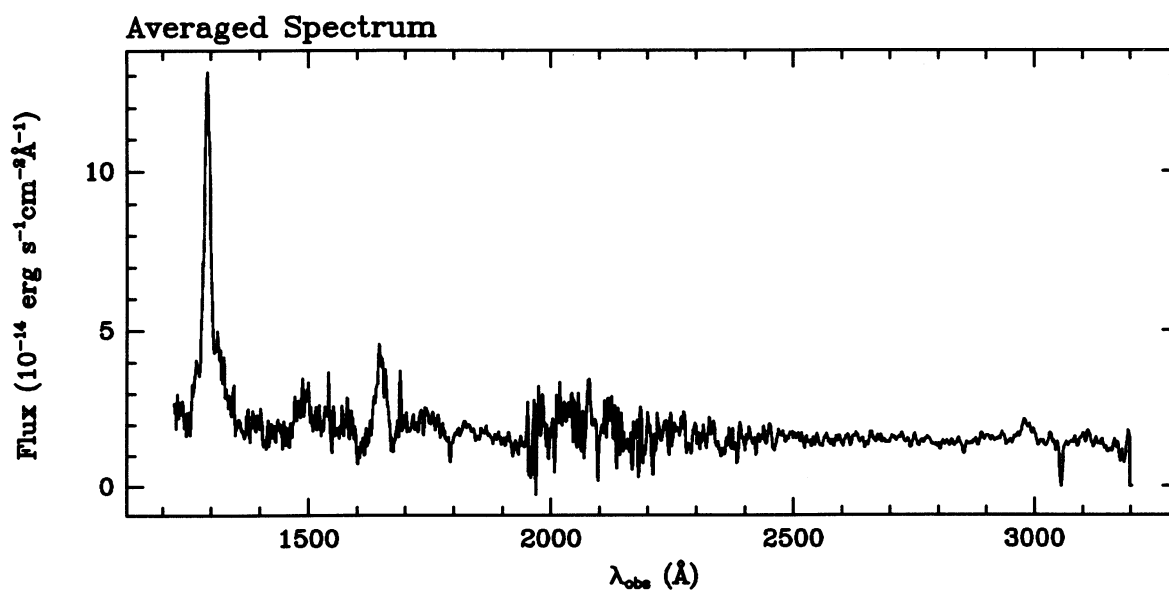
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1317 Å	2318 Å	CEB	Flag
1	SWP 6706 L	44148.0	1 Oct 79	19500.0			0.42			304
2	LWR 5730 L	44149.0	2 Oct 79	3599.0				0.83		301

References

• 362 • 493

QSO 0844+349

Right Ascension	:	8h 44m 33.90s
Declination	:	34° 56' 09.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.064
Alternative Names	:	PG 0844+349, TON 951

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1330 Å	2340 Å	CEB	Flag
							<i>cts/s</i>		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP 25827 L	46187.0	1 May 85	2100.0	33	39.72	3.34		231	
2	LWP 7652 L	46473.0	11 Feb 86	5400.0	43	54.49		1.88	405	D
3	LWP 12206 L	47130.0	30 Nov 87	6000.0				1.39	404	D
4	LWP 12207 L	47130.0	30 Nov 87	6000.0				1.22	405	D
5	SWP 32433 L	47130.0	30 Nov 87	6000.0			3.21		343	
6	SWP 32434 L	47131.0	1 Dec 87	4380.0			3.51		332	

X-Ray Spectra

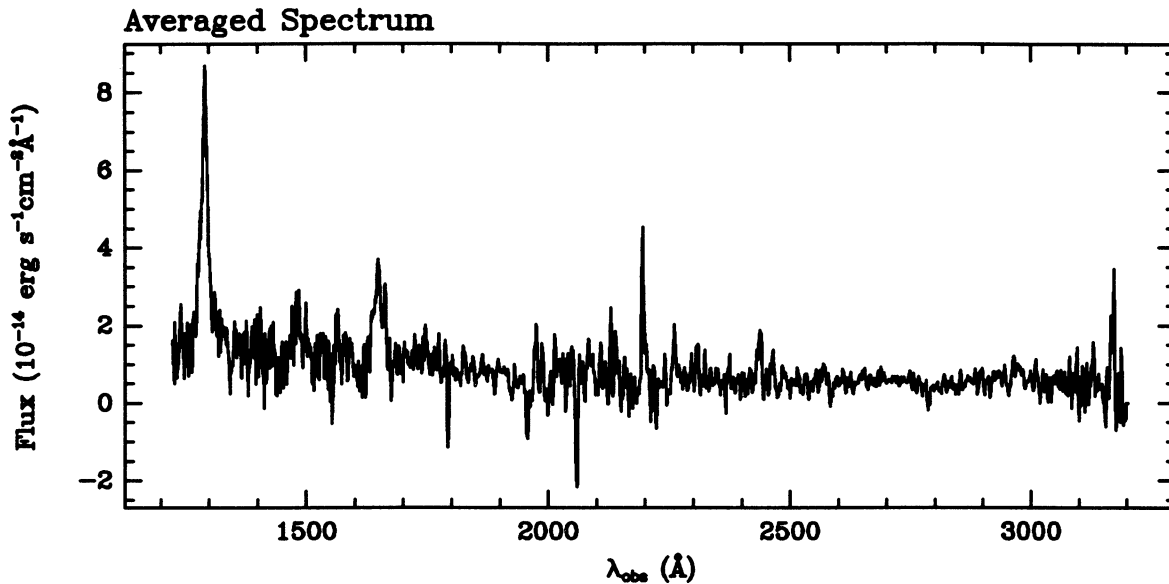
EINSTEIN • 529 • 790
 EXOSAT • 1524

References

• 280 • 621 • 776 • 823 • 830 • 832

AOO 1E 0849+08.0

Right Ascension	:	8h 49m 34.00s
Declination	:	8° 04' 15.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.063
Alternative Names	:	EQ 0849+080

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1328 Å	2338 Å	CEB	Flag
1	LWR 16014 L	45480.0	25 May 83	2700.0						302
2	SWP 20071 L	45480.0	25 May 83	2700.0			1.61	0.78		331
3	SWP 20085 L	45483.0	28 May 83	7500.0			1.80			338
4	LWR 16027 L	45484.0	29 May 83	12600.0				0.43		437

X-Ray Spectra

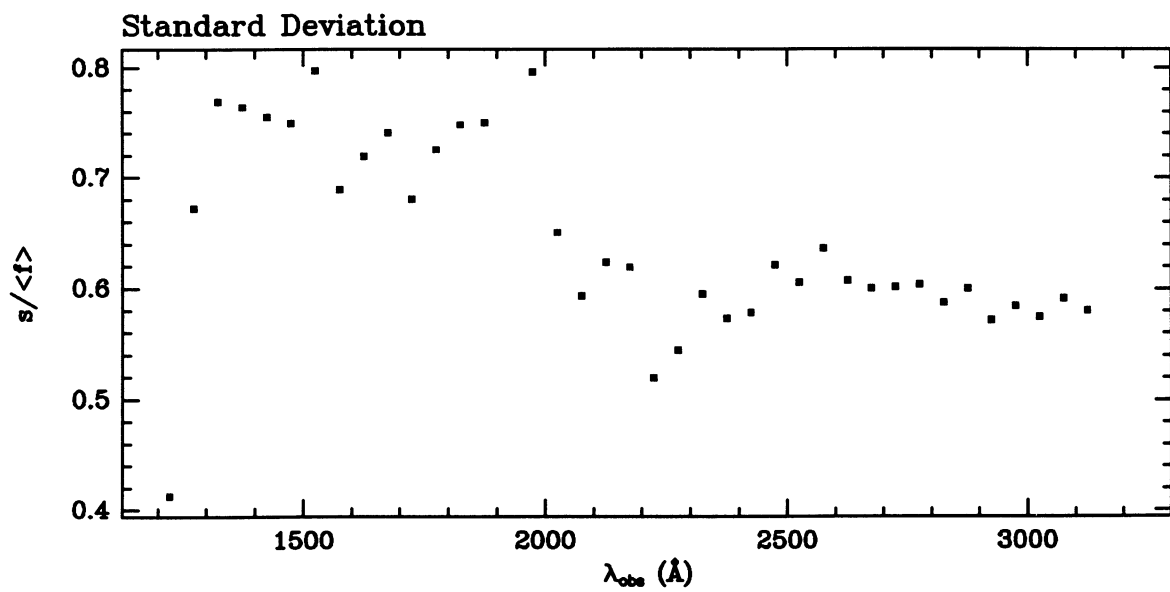
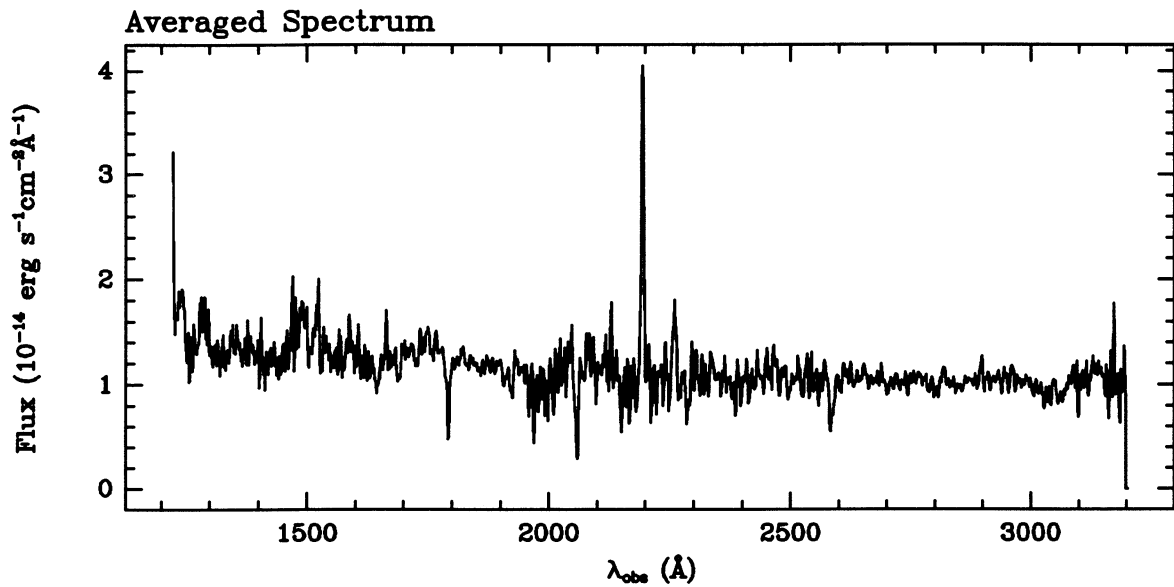
EINSTEIN • 515
 EXOSAT • 1911 • 1912 • 1949

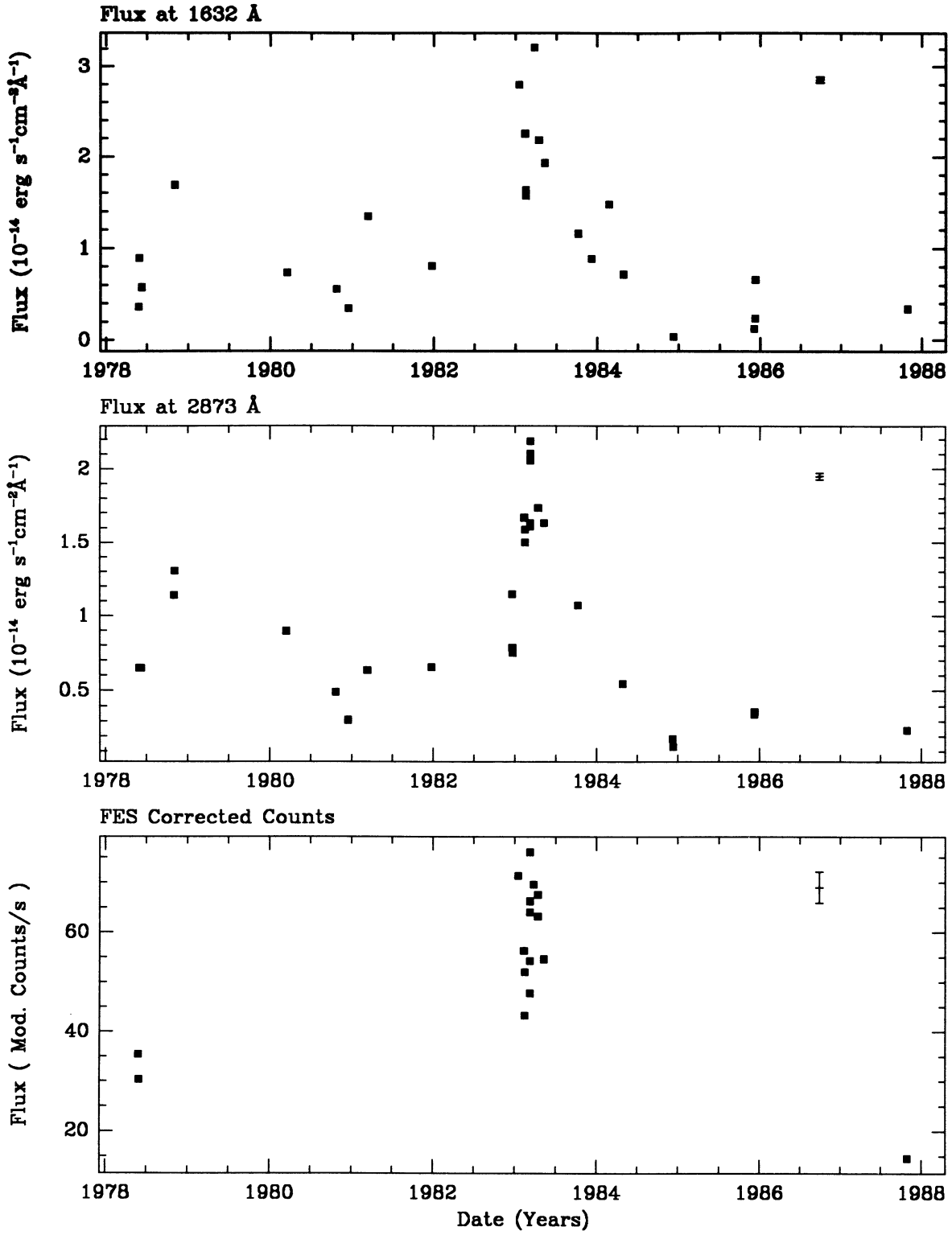
References

• 512

QSO 0851+202

Right Ascension	: 8h 51m 57.31s
Declination	: 20° 17' 58.4"
Object Type	: BL Lac HP
ULDA Type	: 85,87,88
Redshift	: 0.306
Alternative Names	: OJ 287, PG 0851+203
	: PKS 0851+203, IRAS 08519+2017





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1632 Å	2873 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	1643	L	43655.0	26 May 78	4200.0			0.36			
2	SWP	1665	L	43658.0	29 May 78	18600.0	35	35.42	0.90			
3	LWR	1582	L	43659.0	30 May 78	16200.0	30	30.36		0.65		
4	LWR	1637	L	43668.0	8 Jun 78	18600.0				0.65		
5	SWP	1749	L	43669.0	9 Jun 78	22500.0			0.58			
6	LWR	2815	L	43816.0	3 Nov 78	21600.0				1.14		
7	SWP	3218	L	43817.0	4 Nov 78	18000.0			1.69			
8	LWR	2842	L	43819.0	6 Nov 78	16200.0				1.31		
9	LWR	7190	L	44314.0	15 Mar 80	3600.0				0.90	303	
10	LWR	7191	L	44314.0	15 Mar 80	3780.0				0.90	303	
11	SWP	8260	L	44314.0	15 Mar 80	13200.0			0.74		302	
12	SWP	10453	L	44535.0	22 Oct 80	24300.0			0.56		305	
13	LWR	9134	L	44536.0	23 Oct 80	24780.0				0.49	405	
14	SWP	10817	L	44589.0	15 Dec 80	24960.0			0.35		305	
15	LWR	9519	L	44591.0	17 Dec 80	24000.0				0.31	306	
16	SWP	13479	L	44677.0	13 Mar 81	24240.0			1.35		306	
17	SWP	13479	S	44677.0	13 Mar 81	24240.0					306	
18	LWR	10138	L	44678.0	14 Mar 81	24000.0				0.64	405	
19	SWP	15875	L	44963.0	24 Dec 81	24780.0			0.81		308	
20	SWP	15875	S	44963.0	24 Dec 81	24780.0					308	D
21	LWR	12219	L	44964.0	25 Dec 81	25440.0				0.66	406	
22	LWR	12219	S	44964.0	25 Dec 81	25440.0					406	D
23	LWR	14859	L	45324.0	20 Dec 82	23580.0				1.15	x06	
24	LWR	14859	S	45324.0	20 Dec 82	23580.0					x06	
25	LWR	14866	L	45325.0	21 Dec 82	16200.0				0.79	x05	
26	LWR	14867	L	45326.0	22 Dec 82	5700.0				0.75	305	D
27	SWP	19007	L	45351.0	16 Jan 83	5520.0	66	71.37	2.80		302	
28	LWR	15269	L	45378.0	12 Feb 83	3600.0				1.67	302	
29	SWP	19241	L	45378.0	12 Feb 83	5400.0	52	56.38	2.26		301	
30	LWR	15290	L	45381.0	15 Feb 83	7200.0	40	43.38		1.59	304	
31	LWR	15291	L	45381.0	15 Feb 83	3600.0				1.50	306	
32	SWP	19259	L	45381.0	15 Feb 83	7200.0	40	43.38	1.64		311	
33	SWP	19262	L	45381.0	15 Feb 83	6600.0	48	52.05	1.58		307	
34	LWR	15458	L	45404.0	10 Mar 83	10740.0	44	47.82		1.64	503	
35	LWR	15459	L	45404.0	10 Mar 83	10740.0	61	66.30		1.61	504	
36	LWR	15466	L	45405.0	11 Mar 83	7800.0	50	54.35		2.06	503	
37	LWR	15467	L	45405.0	11 Mar 83	6000.0	59	64.13		2.10	402	
38	LWR	15468	L	45405.0	11 Mar 83	4200.0	70	76.09		2.19	402	
39	SWP	19558	L	45421.0	27 Mar 83	6300.0	64	69.68	3.22		301	
40	LWR	15740	L	45440.0	15 Apr 83	1800.0	62	67.63		1.74	305	
41	SWP	19733	L	45440.0	15 Apr 83	4200.0	58	63.27	2.19		309	
42	LWR	15906	L	45466.0	11 May 83	3900.0				1.63	302	
43	SWP	19959	L	45466.0	11 May 83	8400.0	50	54.69	1.94		302	
44	SWP	21262	L	45617.0	9 Oct 83	12000.0			1.16		303	
45	LWP	2023	L	45618.0	10 Oct 83	11400.0				1.07	406	D
46	SWP	21717	L	45676.0	7 Dec 83	7200.0			0.89		302	
47	SWP	22348	L	45755.0	24 Feb 84	10200.0			1.48		304	
48	LWP	3237	L	45819.0	28 Apr 84	8400.0				0.55	304	D
49	SWP	22871	L	45819.0	28 Apr 84	8400.0			0.72		308	
50	LWP	4945	L	46043.0	8 Dec 84	9600.0				0.19	334	D
51	SWP	24637	L	46043.0	8 Dec 84	10200.0			0.04		306	
52	LWP	4962	L	46045.0	10 Dec 84	9600.0				0.13	304	D
53	SWP	27229	L	46406.0	6 Dec 85	25560.0			0.13		114	
54	LWP	7274	L	46409.0	9 Dec 85	29100.0				0.34	309	D
55	SWP	27239	L	46409.0	9 Dec 85	19500.0			0.24		304	
56	LWP	7288	L	46411.0	11 Dec 85	22800.0				0.36	309	D
57	SWP	27250	L	46411.0	11 Dec 85	20100.0			0.66		305	
58	LWP	11980	L	47099.0	30 Oct 87	7200.0				0.24	304	D
59	SWP	32192	L	47099.0	30 Oct 87	24000.0	10	14.69	0.35		303	

X-Ray Spectra

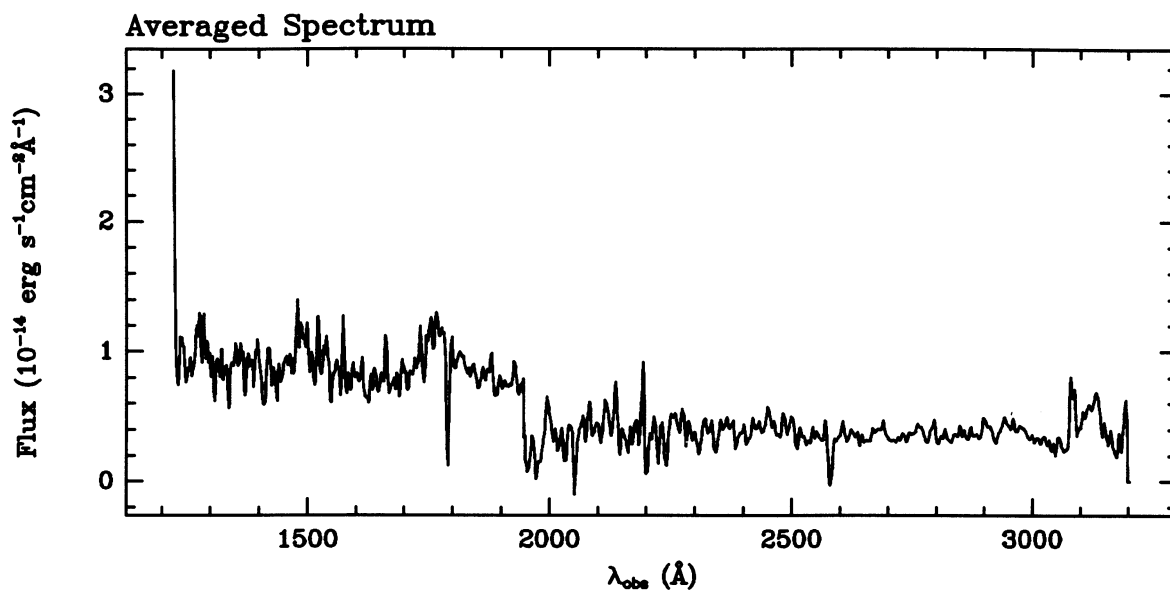
- | | | | | |
|----------|--------|--------|--------|--------|
| EINSTEIN | • 522 | • 777 | • 802 | |
| EXOSAT | • 219 | • 306 | • 392 | • 554 |
| | • 557 | • 560 | • 561 | • 736 |
| | • 1269 | • 1273 | • 1942 | • 1944 |
| | • 1951 | | | |

References

- 35 • 69 • 104 • 141 • 165 • 238 • 255 • 279
- 292 • 455 • 463 • 464 • 509 • 522 • 526 • 539
- 541 • 564 • 694 • 749 • 750 • 776 • 807 • 808
- 853 • 938

IUE SKY OJ287

Right Ascension	:	8h 51m 57.32s
Declination	:	20° 17' 58.4"
Object Type	:	
ULDA Type	:	87
Redshift	:	0.000
Alternative Names	:	

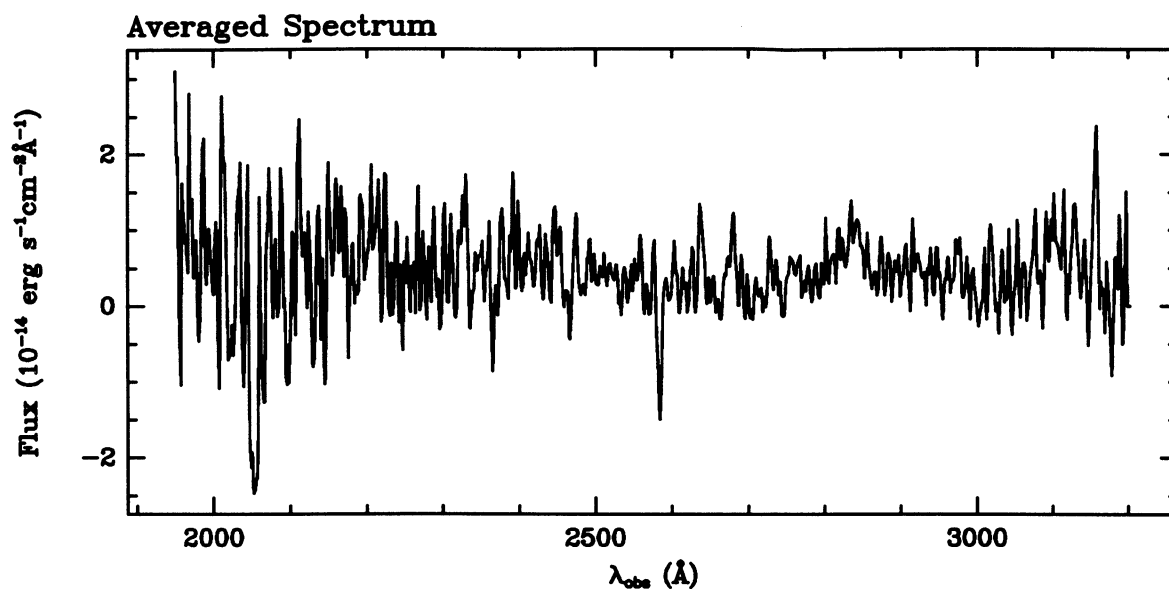


Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 5323 L	44015.0	21 May 79	22500.0	21	21.23	0.96		3x8	
2	LWR 4565 L	44016.0	22 May 79	23400.0				0.39		
3	SWP 6601 L	44139.0	22 Sep 79	21600.0			1.01		305	

AOO PKS 0859-14

Right Ascension	:	8h 59m 54.83s
Declination	:	-14° 03' 38.2"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.327
Alternative Names	:	1E 0859.9-1403

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 15354 L	45388.0	22 Feb 83	12600.0				0.31	xx9	

X-Ray Spectra

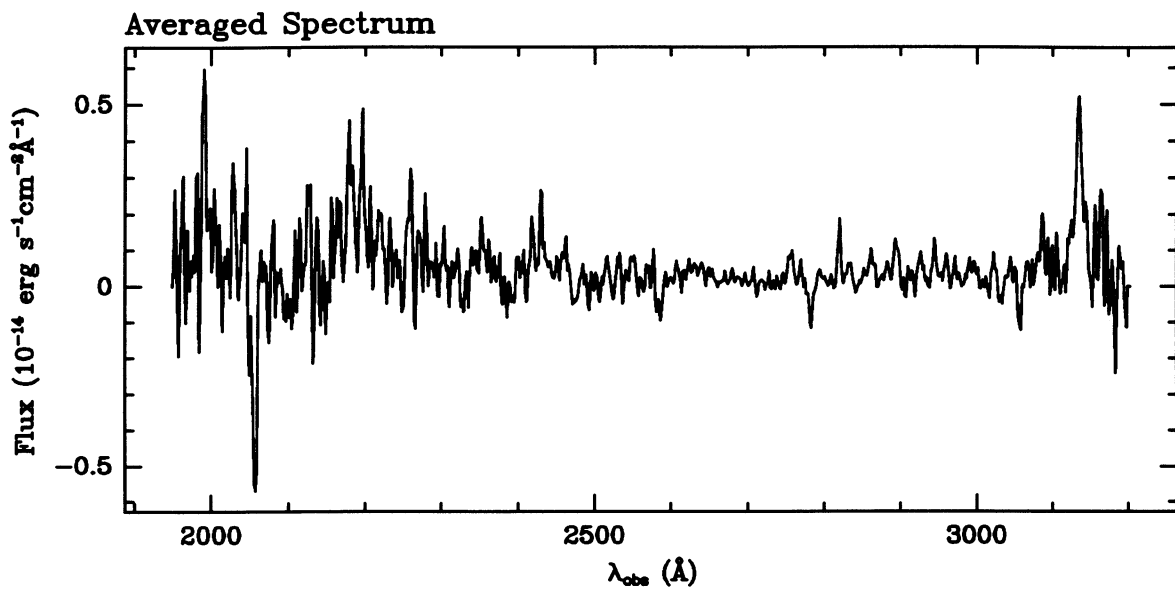
EINSTEIN	• 552	• 794	• 1286	
EXOSAT	• 422	• 699	• 1257	• 1271
	• 1295	• 1308	• 1322	• 1335

References

- 855

QSO 0903+175

Right Ascension	:	9h 03m 49.95s
Declination	:	17° 34' 27.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.771
Alternative Names	:	H 0903+17.5

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag	
										$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	12044	L	44932.0	23 Nov 81	25320.0				0.03		305	
2	LWP	2541	L	45703.0	3 Jan 84	51840.0				0.03		09	D

X-Ray Spectra

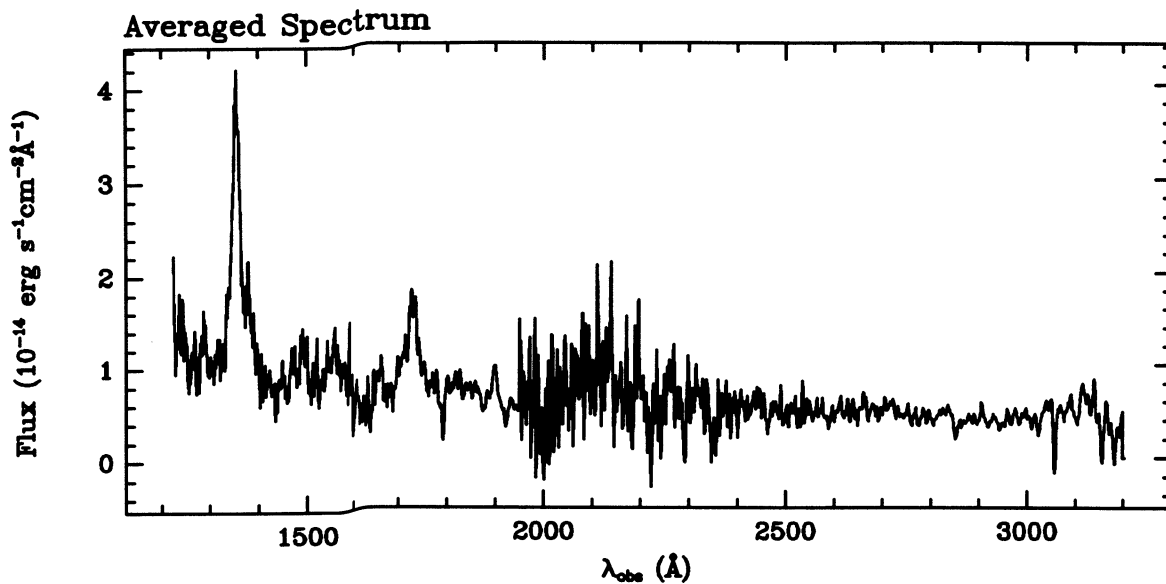
- EINSTEIN** • 514
EXOSAT • 687

References

- 318

PG 0906+484

Right Ascension	:	9h 06m 45.25s
Declination	:	48° 25' 55.8"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.118
Alternative Names	:	QSO 0906+484

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1397 Å	2459 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	LWP	2531	L	45699.0	30 Dec 83	16200.0			1.41	0.55	306	D
2	SWP	21921	L	45699.0	30 Dec 83	13200.0			1.01		3x5	
3	SWP	32463	L	47134.0	4 Dec 87	26100.0					347	

X-Ray Spectra

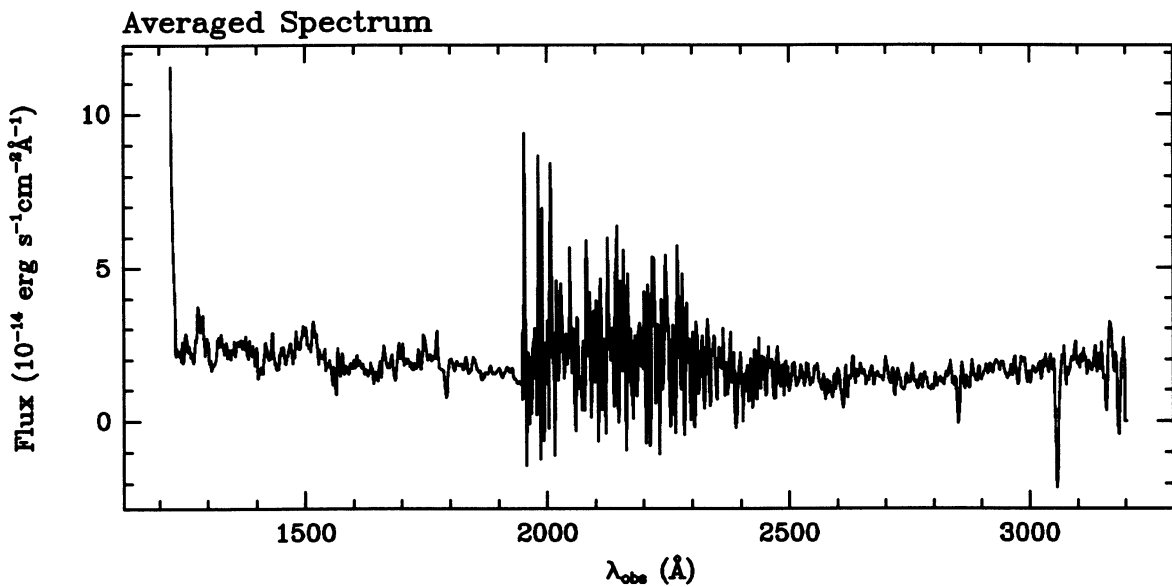
EINSTEIN • 533 • 534 • 787
EXOSAT • 1165

References

• 14 • 85 • 302 • 309 • 402 • 474 • 521 • 523
• 590 • 614 • 621 • 634 • 677 • 708 • 804 • 816
• 832 • 842

NGC 2782

Right Ascension	:	9h 10m 54.09s
Declination	:	40° 20' 00.4"
Object Type	:	Seyfert 2
ULDA Type	:	84,88
Redshift	:	0.008
Alternative Names	:	UGC 4862, MCG+07-19-0036



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1260 Å	2217 Å	CEB	Flag
							10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	SWP 6920 L	44166.0	19 Oct 79	9899.0	65	65.85	2.30		334	
2	LWR 5883 L	44167.0	20 Oct 79	6299.0				1.21	303	
3	LWP 3409 L	45843.0	22 May 84	4200.0	83	94.92		3.69	x09	D
4	SWP 23080 L	45843.0	22 May 84	18600.0	63	72.04	2.58		308	
5	LWP 3416 L	45844.0	23 May 84	6000.0	75	85.78		1.59	309	D

X-Ray Spectra

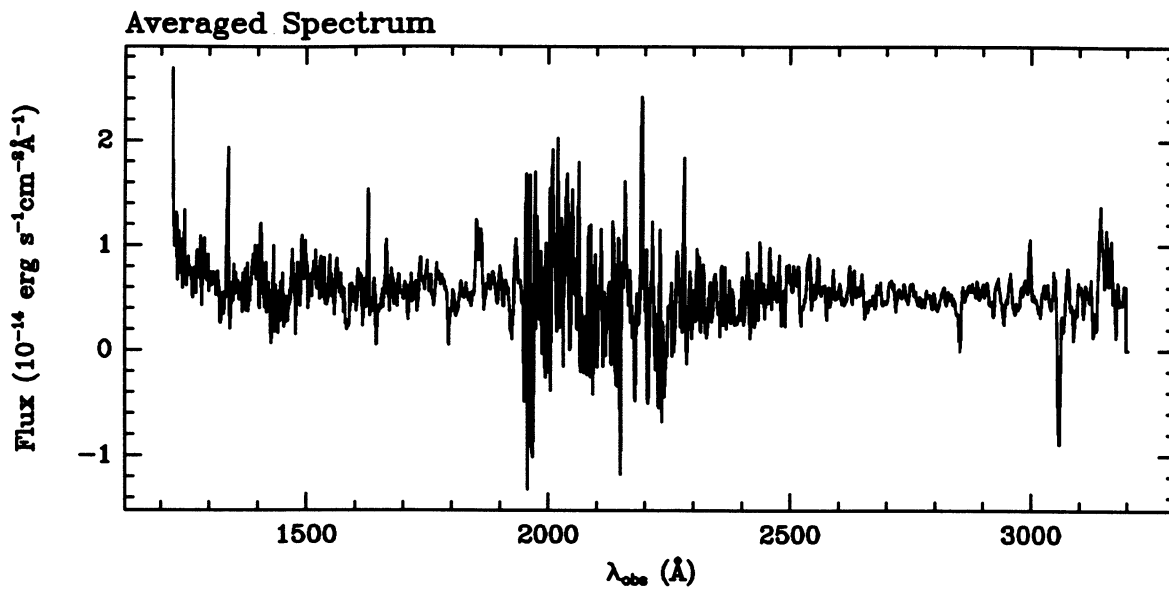
- EINSTEIN • 512 • 530
 EXOSAT • 625

References

- 28 • 136 • 167 • 335 • 376 • 571 • 581 • 593
 • 777 • 831 • 942

QSO 0912+297

Right Ascension	:	9h 12m 53.47s
Declination	:	29° 45' 55.4"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	OK 222, TON 397

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWP	2894	L	45765.0	5 Mar 84	16200.0			0.85	0.47	309	D
2	SWP	22427	L	45766.0	6 Mar 84	24300.0					306	

X-Ray Spectra

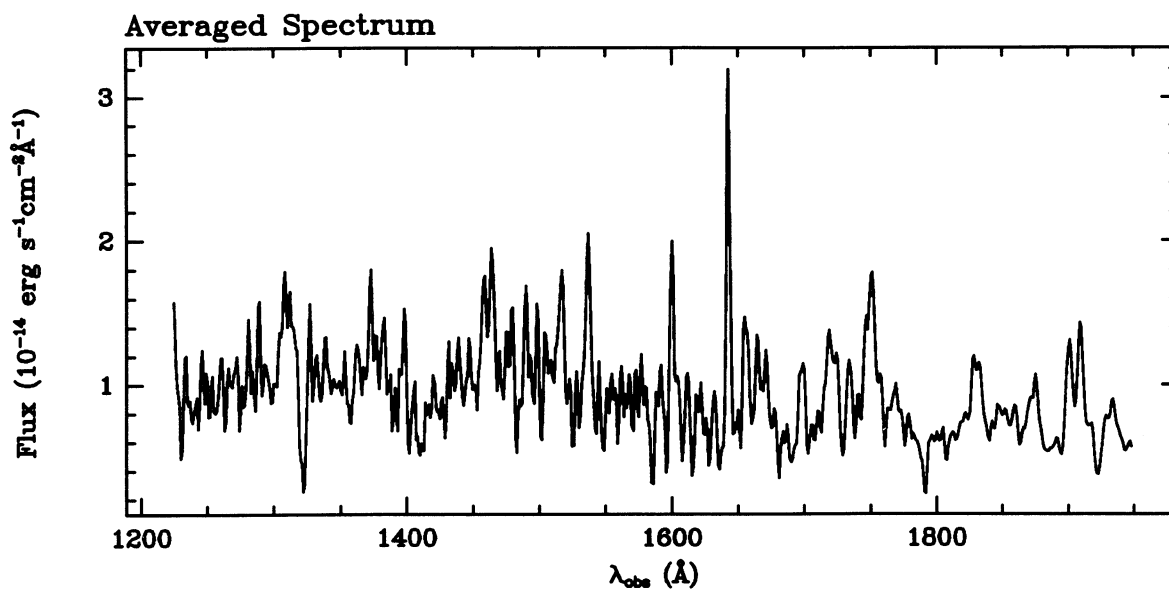
EINSTEIN • 524 • 527

References

• 526

MRK 19

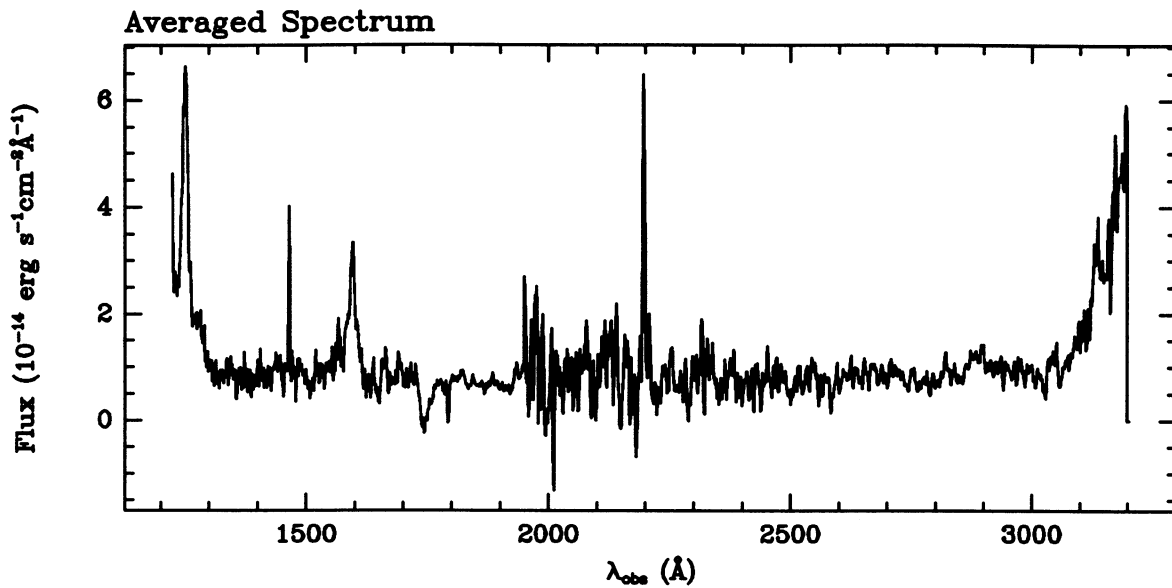
Right Ascension	:	9h 12m 53.50s
Declination	:	59° 58' 53.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	MCG+10-13-0071

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP	18237	L	45250.0	7 Oct 82	24000.0			10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$	0.94		307

MRK 704

Right Ascension	:	9h 15m 39.50s
Declination	:	16° 30' 59.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.029
Alternative Names	:	MCG+03-24-0043, IRAS 09156+1631

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1286 Å	2263 Å	CEB	Flag
1	LWR 16188 L	45505.0	19 Jun 83	2700.0						
2	SWP 20255 L	45505.0	19 Jun 83	9000.0			1.68	0.97		331
3	SWP 28101 L	46526.0	5 Apr 86	23400.0			1.37			333
4	LWP 7964 L	46527.0	6 Apr 86	12600.0				0.72		347
5	LWP 7965 L	46527.0	6 Apr 86	8100.0				0.62		455 D
										344 D

X-Ray Spectra

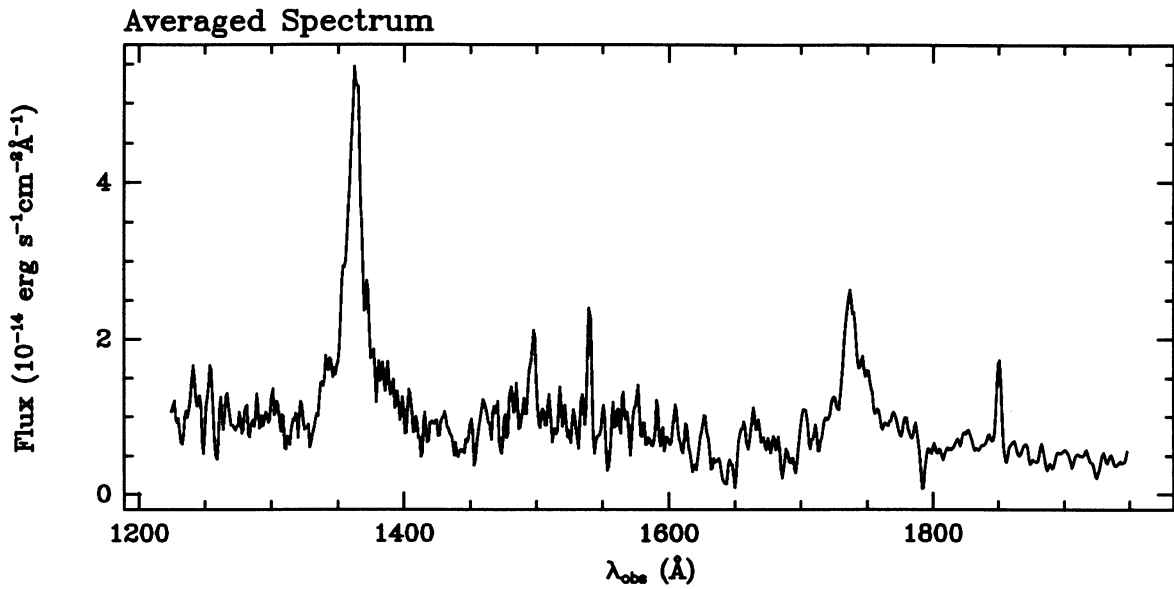
EINSTEIN • 517 • 523 • 540 • 807
 • 808

References

• 145 • 146 • 151 • 206 • 320 • 329 • 394 • 409
 • 453 • 459 • 493 • 593 • 717 • 724 • 776 • 816

MRK 106

Right Ascension	:	9h 16m 18.40s
Declination	:	55° 34' 21.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.122
Alternative Names	:	PG 0916+556, QSO 0916+556

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1402 \AA	2468 \AA	CEB	Flag
1	SWP 26911 L	46349.0	10 Oct 85	18000.0			1.11		344	

X-Ray Spectra

EINSTEIN • 224

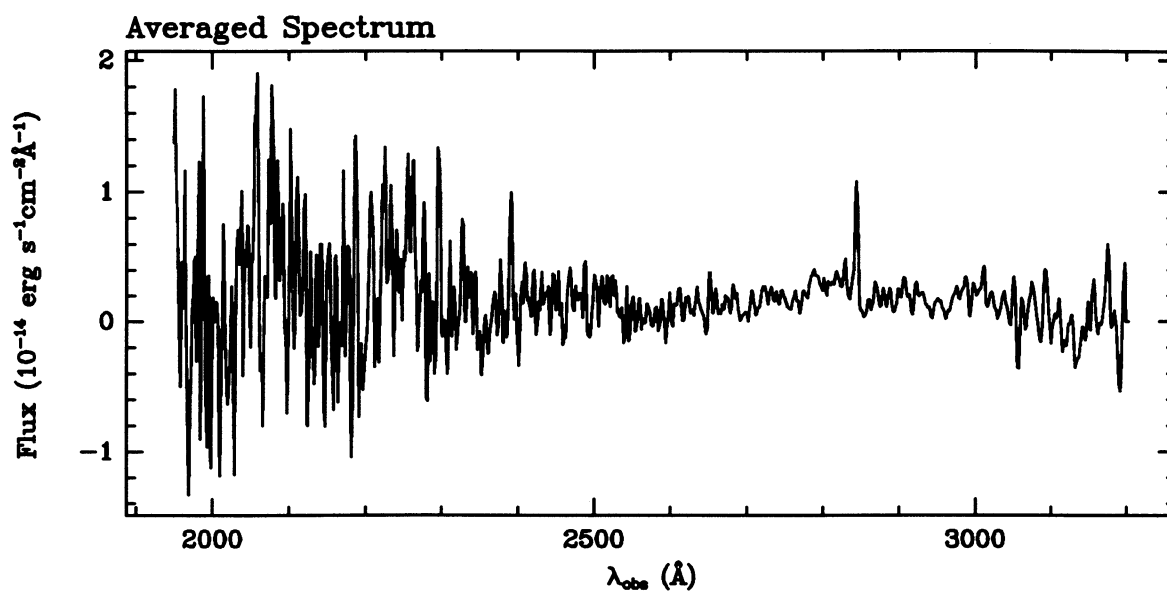
EXOSAT • 229 • 230 • 563 • 622

References

• 85 • 320 • 593 • 804 • 842

AOO 0917 -073

Right Ascension	:	9h 17m 03.00s
Declination	:	- 7° 22' 57.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	0.167
Alternative Names	:	H 0917-07.4

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1458 Å	2567 Å	CEB	Flag
1	LWP 8111 L	46548.0	27 Apr 86	7200.0					0.05	303 D

X-Ray Spectra

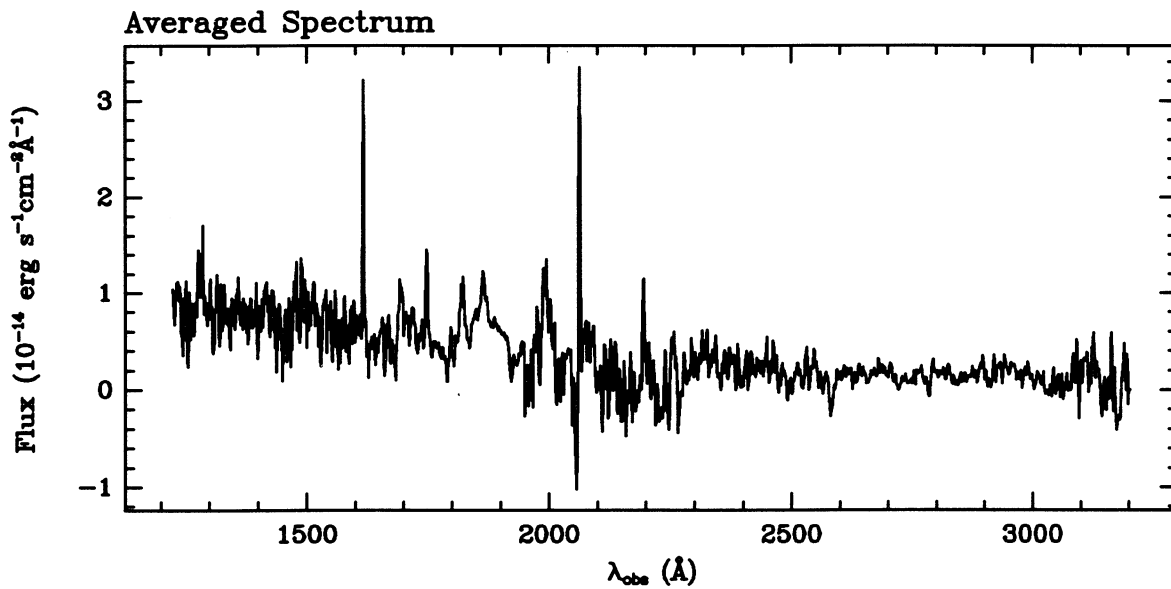
EXOSAT • 1286 • 1287 • 1288

References

• 776

IC 2458

Right Ascension	: 9h 17m 26.10s
Declination	: 64° 26' 57.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.005
Alternative Names	: MCG+11-12-0005, MRK 108, ZW VII 276
	: IRAS 09177+6428, UGCA 159

**Observed Spectra**

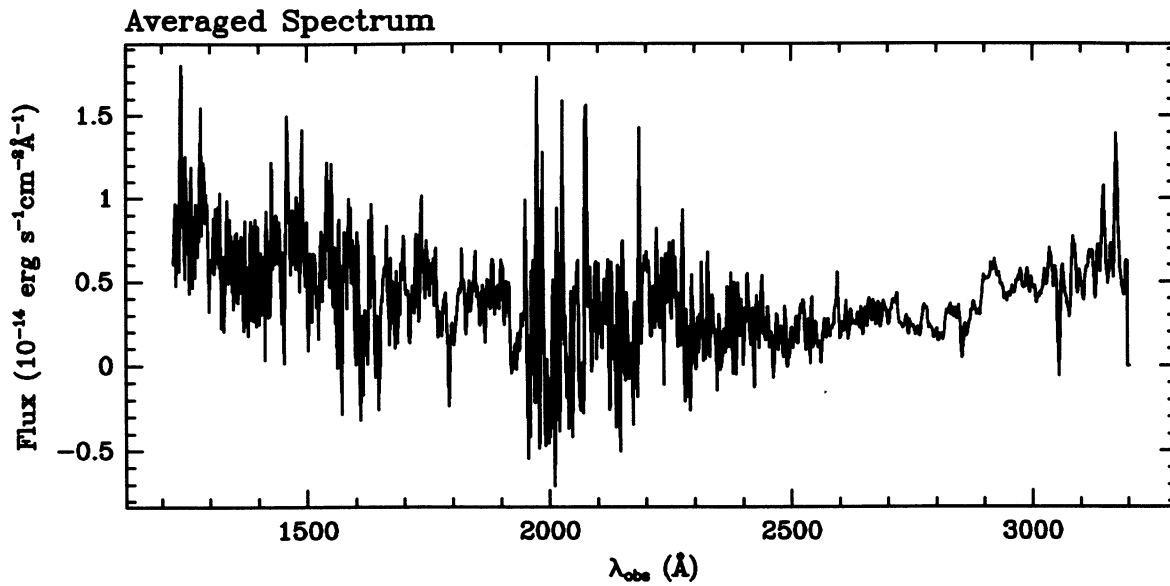
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	SWP 13396 L	44666.0	2 Mar 81	24600.0			0.85			332
2	LWR 10955 L	44782.0	26 Jun 81	22980.0				0.13		309

References

- 43
- 128

NGC 2841

Right Ascension	:	9h 18m 34.80s
Declination	:	51° 11' 19.0"
Object Type	:	Seyfert
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	UGC 4966, MCG+09-16-0005
	:	IRAS 09185+5111, QSO 0918+512



Observed Spectra

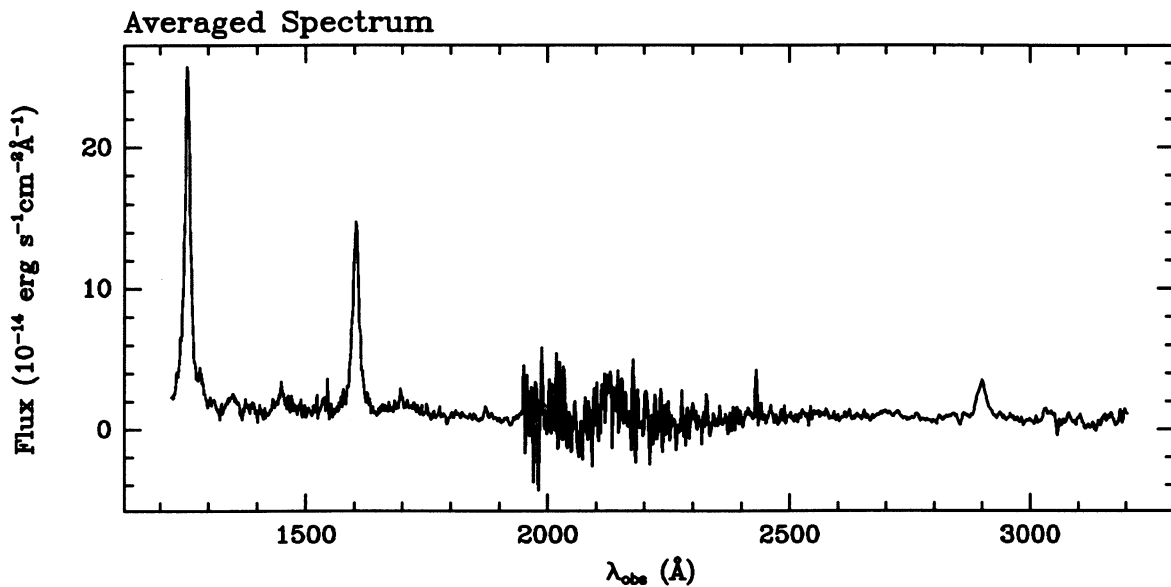
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr. cts/s	1252 Å	2204 Å	CEB	Flag
1	LWP 9966 L	46816.0	20 Jan 87	13320.0	200	273.02	0.87	0.40	334	D
2	SWP 30128 L	46816.0	20 Jan 87	11400.0	200	273.01			312	
3	LWP 10679 L	46918.0	2 May 87	23400.0	220	307.94			309	D

References

- 93 • 164 • 167 • 176 • 194 • 197 • 198 • 271
- 384 • 566 • 581 • 836 • 897 • 900 • 901

MRK 110

Right Ascension	:	9h 21m 44.50s
Declination	:	52° 30' 08.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.036
Alternative Names	:	PG 0921+525, QSO 0921+525

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1295 Å	2279 Å	CEB	Flag
1	SWP 32998 L	47220.0	28 Feb 88	24180.0			2.81		363	
2	LWP 12760 L	47221.0	29 Feb 88	1800.0				0.41	332	
3	LWP 12761 L	47221.0	29 Feb 88	5400.0				0.52	353	
4	SWP 33002 L	47221.0	29 Feb 88	3600.0			2.63		251	

X-Ray Spectra

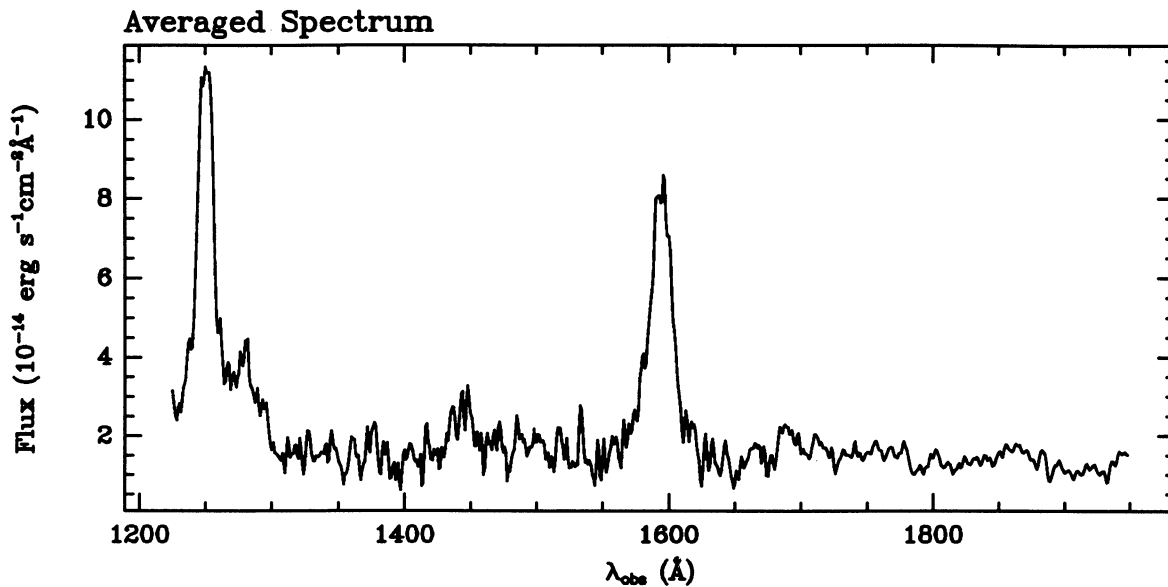
EINSTEIN • 791

References

• 85 • 145 • 284 • 320 • 555 • 593 • 669 • 717
 • 737 • 804 • 816

MRK 705

Right Ascension	: 9h 23m 20.00s
Declination	: 12° 57' 03.0"
Object Type	: Seyfert 1
ULDA Type	: 85
Redshift	: 0.028
Alternative Names	: UGC 5025, MCG+02-24-0011, ARK 202
	: PG 0923+129, ZW VIII 47, QSO 0923+129

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1285 Å	2261 Å	CEB	Flag
1	SWP 25826 L	46187.0	1 May 85	6000.0			3.01			331

X-Ray Spectra

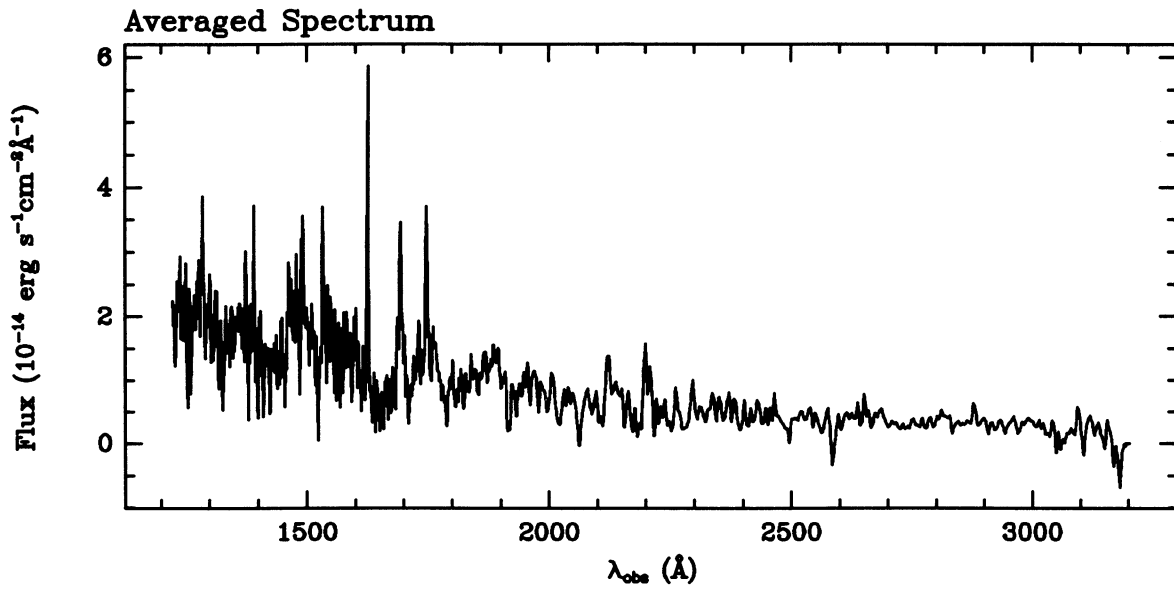
EINSTEIN	• 799			
EXOSAT	• 224	• 267	• 688	• 1562

References

• 135 • 394 • 717 • 776 • 842

MRK 116A

Right Ascension	:	9h 30m 30.30s
Declination	:	55° 27' 46.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	MRK 116, ZW I 18

**Observed Spectra**

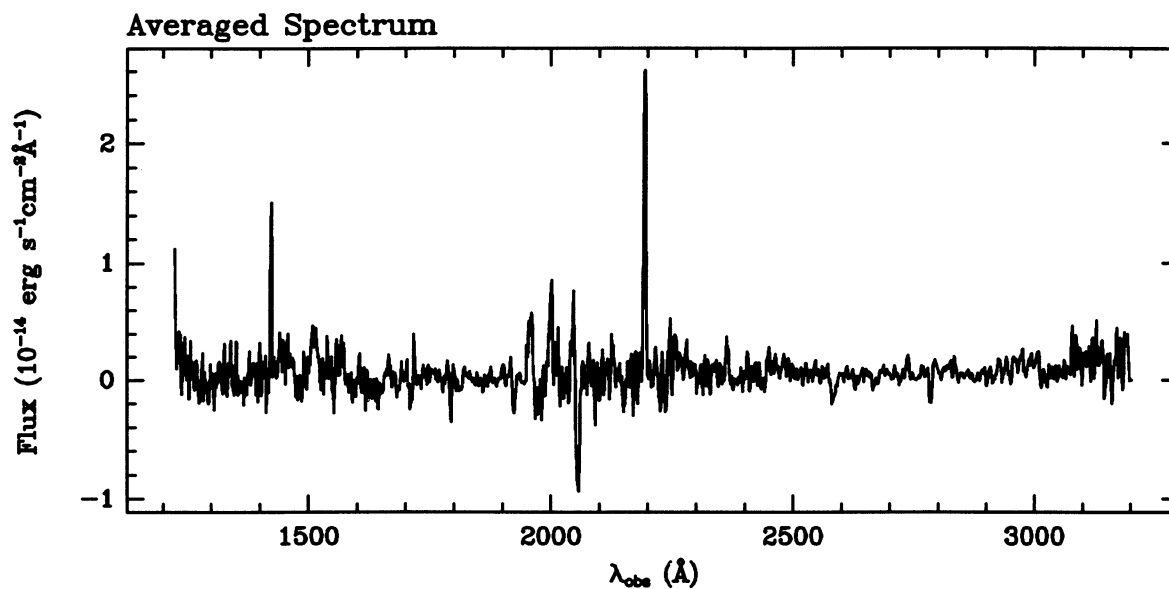
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	SWP 6739 L	44150.0	3 Oct 79	8999.0			1.97			303
2	LWR 5743 L	44151.0	4 Oct 79	16080.0				0.67		304

References

- 66 • 70 • 251 • 274 • 314 • 344 • 559 • 567
- 705 • 844 • 937

QSO 0932+501

Right Ascension	:	9h 32m 30.00s
Declination	:	50° 06' 42.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.880
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 12496 L	45003.0	2 Feb 82	21300.0			0.14	0.11	305	
2	SWP 21926 L	45701.0	1 Jan 84	53040.0					09	

X-Ray Spectra

EINSTEIN • 223 • 781

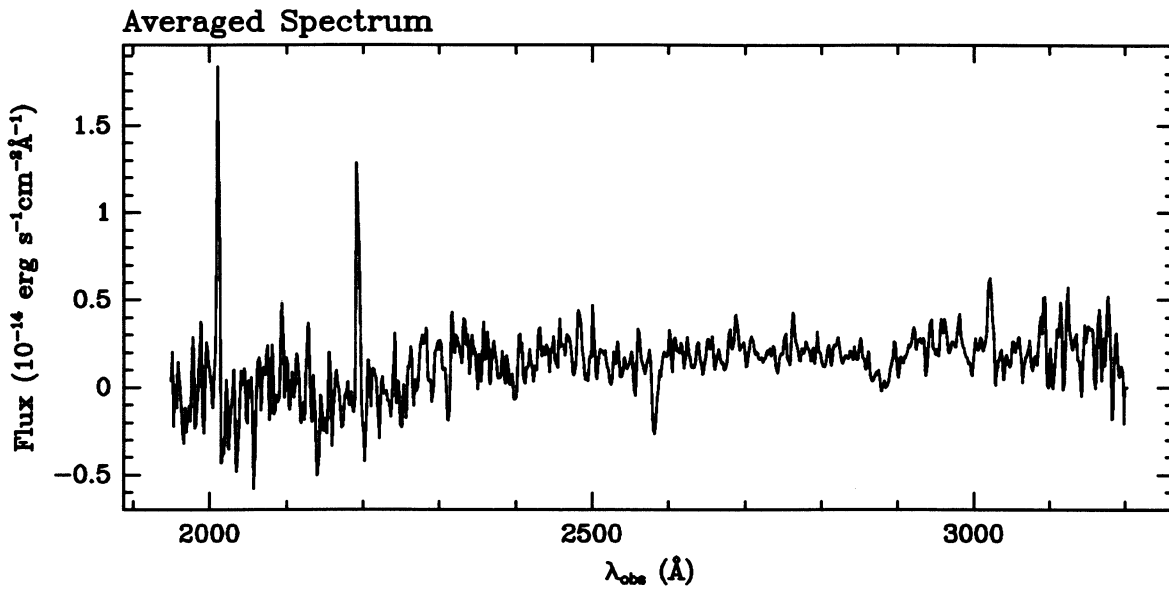
EXOSAT • 1194

References

• 160 • 294 • 307 • 438 • 590

PG 0935+417

Right Ascension	:	9h 35m 48.70s
Declination	:	41° 41' 55.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.937
Alternative Names	:	QSO 0935+417, US 796



Observed Spectra

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 6207 L	44199.0	21 Nov 79	34200.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	0.28	409	

X-Ray Spectra

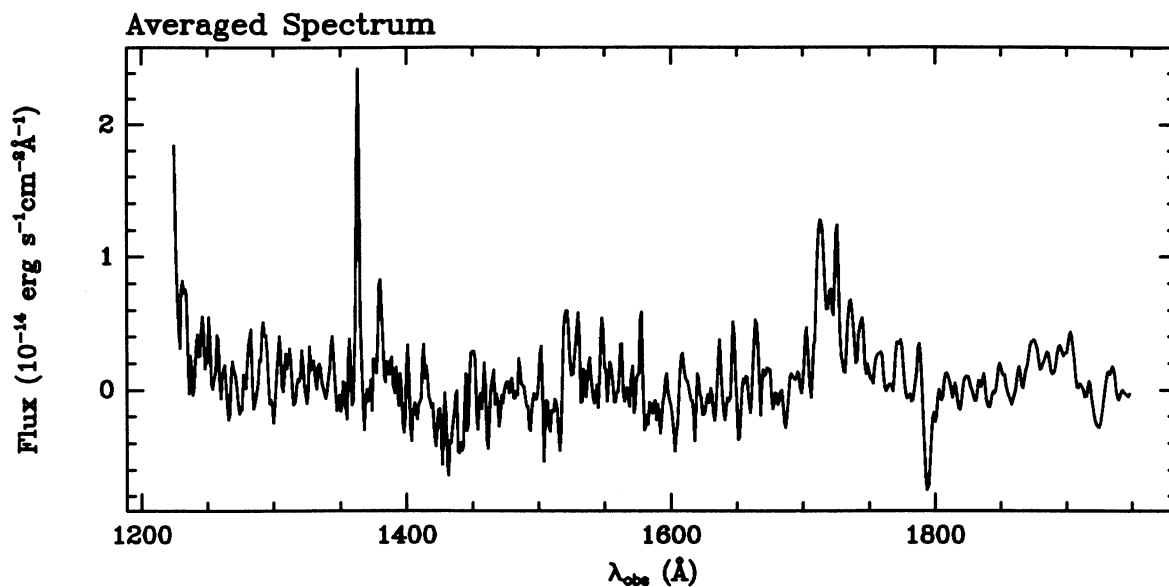
EINSTEIN • 229

References

• 312 • 621 • 701 • 729 • 830 • 832 • 842

QSO 0936+361

Right Ascension	:	9h 36m 50.50s
Declination	:	36° 07' 36.0"
Object Type	:	Radiogalaxy
ULDA Type	:	86
Redshift	:	0.137
Alternative Names	:	3C 223, 4C 36.16

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1421 Å	2501 Å	CEB	Flag
1	SWP 22438 L	45767.0	7 Mar 84	21900.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		08	

X-Ray Spectra

- EINSTEIN • 812
- EXOSAT • 1250

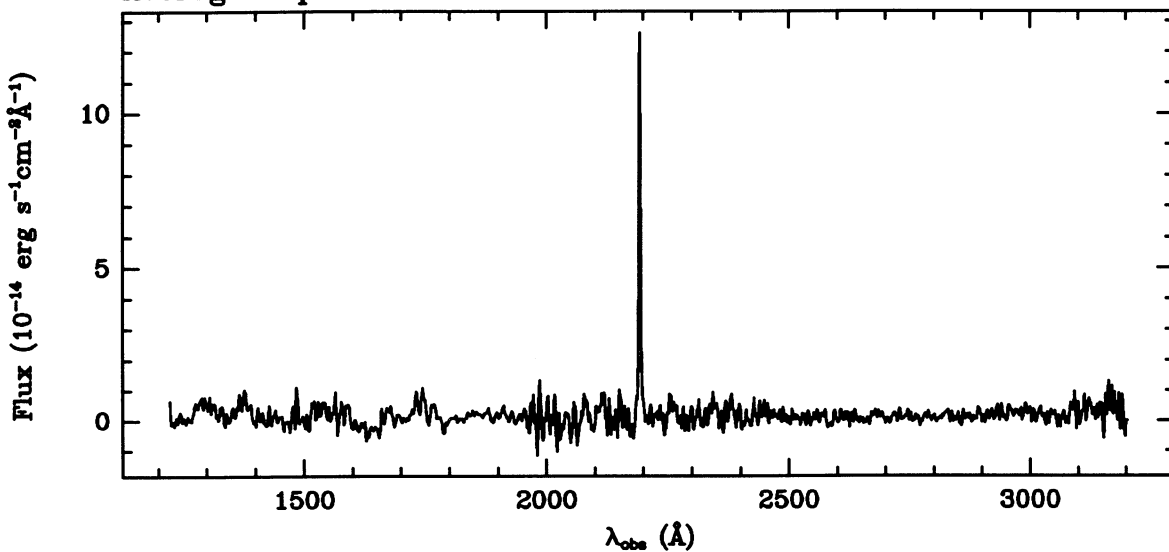
References

- 164 • 285 • 419 • 499

NGC 2992

Right Ascension	: 9h 43m 18.10s
Declination	: -14° 07' 00.1"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.007
Alternative Names	: MCG-02-25-0014, EQ 0943-140
	: IRAS 09432-1405, 1E 0943.3-1405

Averaged Spectrum



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
							10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	SWP 7214 L	44202.0	24 Nov 79	15900.0	50	50.69	0.13		3x3	
2	LWR 9550 L	44596.0	22 Dec 80	3900.0	49	50.30		2.06	02	
3	LWP 9949 L	46813.0	17 Jan 87	18780.0	42	57.29		0.37	303	D

X-Ray Spectra

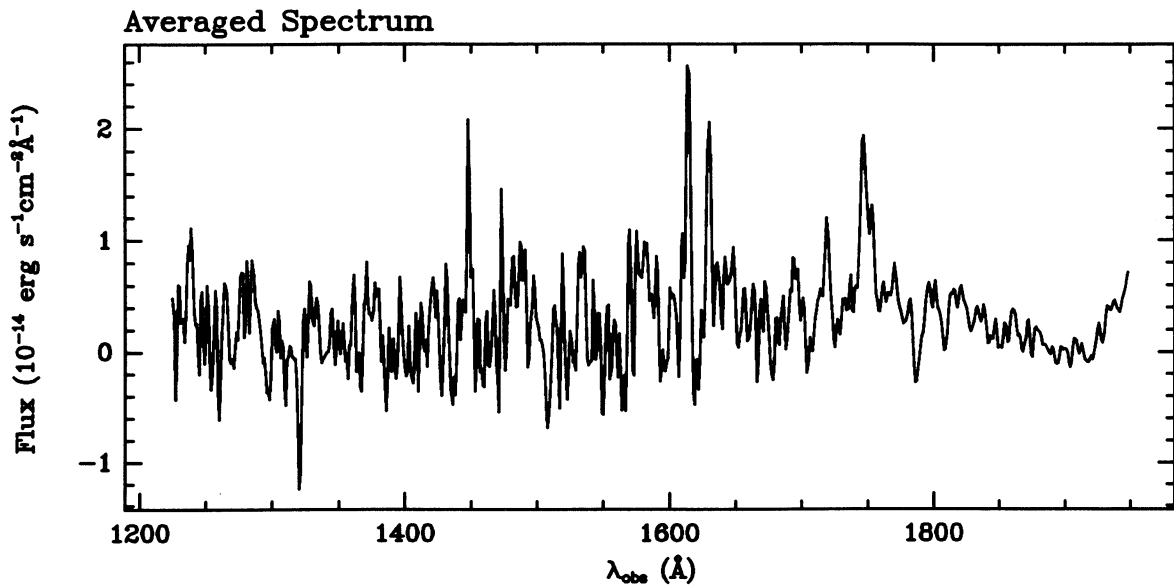
- | | | | | |
|-----------------|--------|--------|--------|--------|
| EINSTEIN | • 4 | • 9 | • 16 | • 553 |
| | • 579 | • 946 | • 949 | |
| EXOSAT | • 422 | • 699 | • 1257 | • 1271 |
| | • 1295 | • 1308 | • 1322 | • 1335 |

References

- 61 • 81 • 85 • 136 • 145 • 164 • 177 • 181
- 284 • 315 • 475 • 490 • 551 • 566 • 602 • 607
- 623 • 717 • 766 • 776 • 896

NGC 2997

Right Ascension	:	9h 43m 28.00s
Declination	:	-30° 57' 42.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	ESO 434- 35, MCG-05-23-0012

**Observed Spectra**

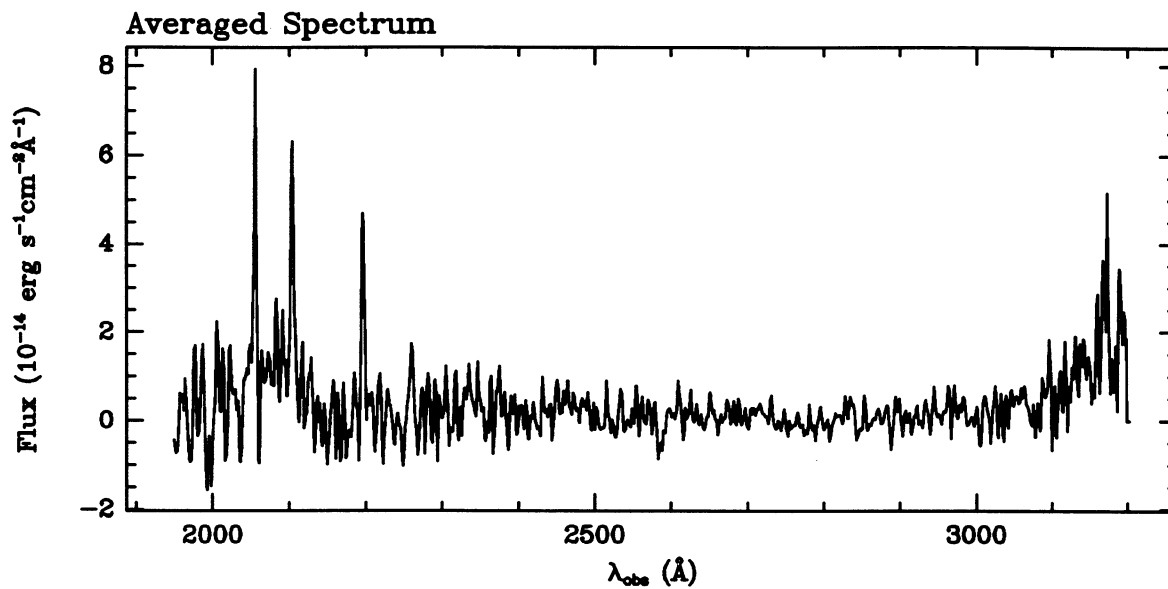
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	SWP 11220 L	44638.0	2 Feb 81	8640.0			0.27		211	
2	SWP 11220 S	44638.0	2 Feb 81	8640.0					211	D

References

- 582 • 650 • 775 • 777 • 862

AOO 3C 277

Right Ascension	:	9h 45m 07.00s
Declination	:	7° 39' 00.0"
Object Type	:	Seyfert 1
ULDA Type	:	86
Redshift	:	0.086
Alternative Names	:	3C 227, 4C 7.29
	:	NRAO 334, CTA 48

**Observed Spectra**

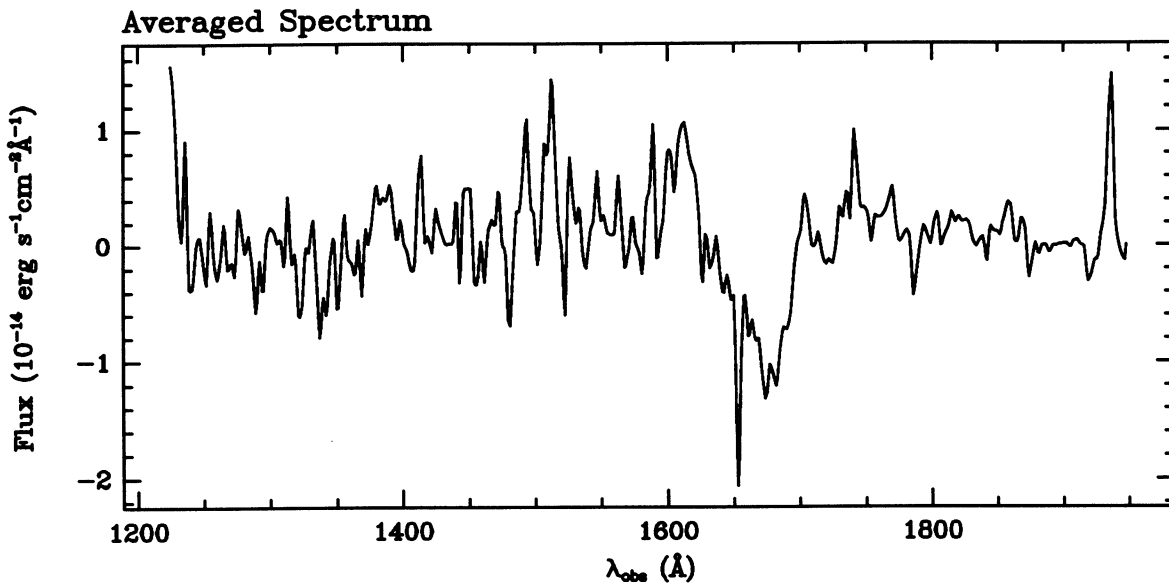
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1357 Å	2389 Å	CEB	Flag
1	LWR 16083 L	45492.0	6 Jun 83	3000.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		02	

References

• 85 • 143 • 285 • 315 • 320 • 504 • 724 • 816

ESOB 434-G40

Right Ascension	: 9h 45m 28.40s
Declination	: -30° 42' 57.0"
Object Type	: Seyfert 2
ULDA Type	: 88
Redshift	: 0.008
Alternative Names	: MCG-05-23-0016, EQ 0945-307



Observed Spectra

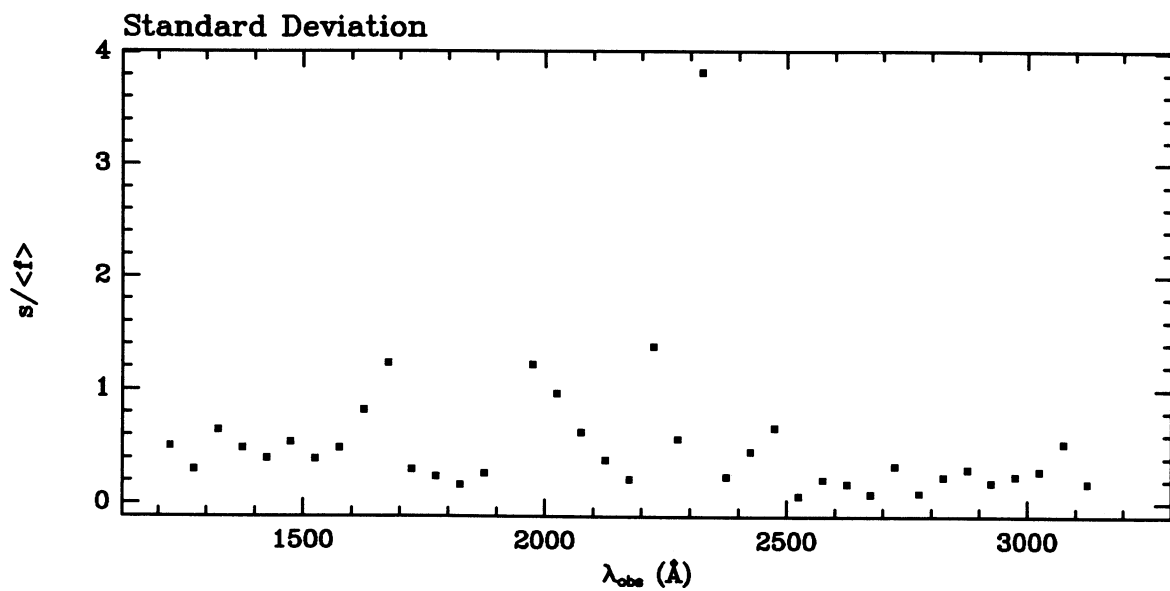
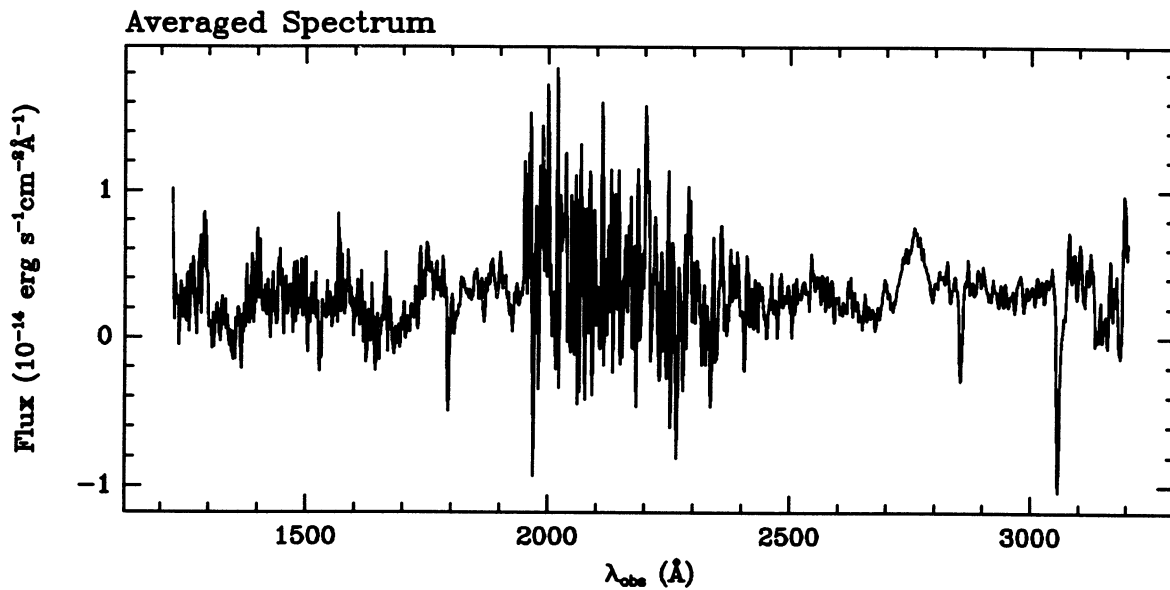
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1260 \AA	2217 \AA	CEB	Flag
1	SWP 11179 L	44633.0	28 Jan 81	7620.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}		101	

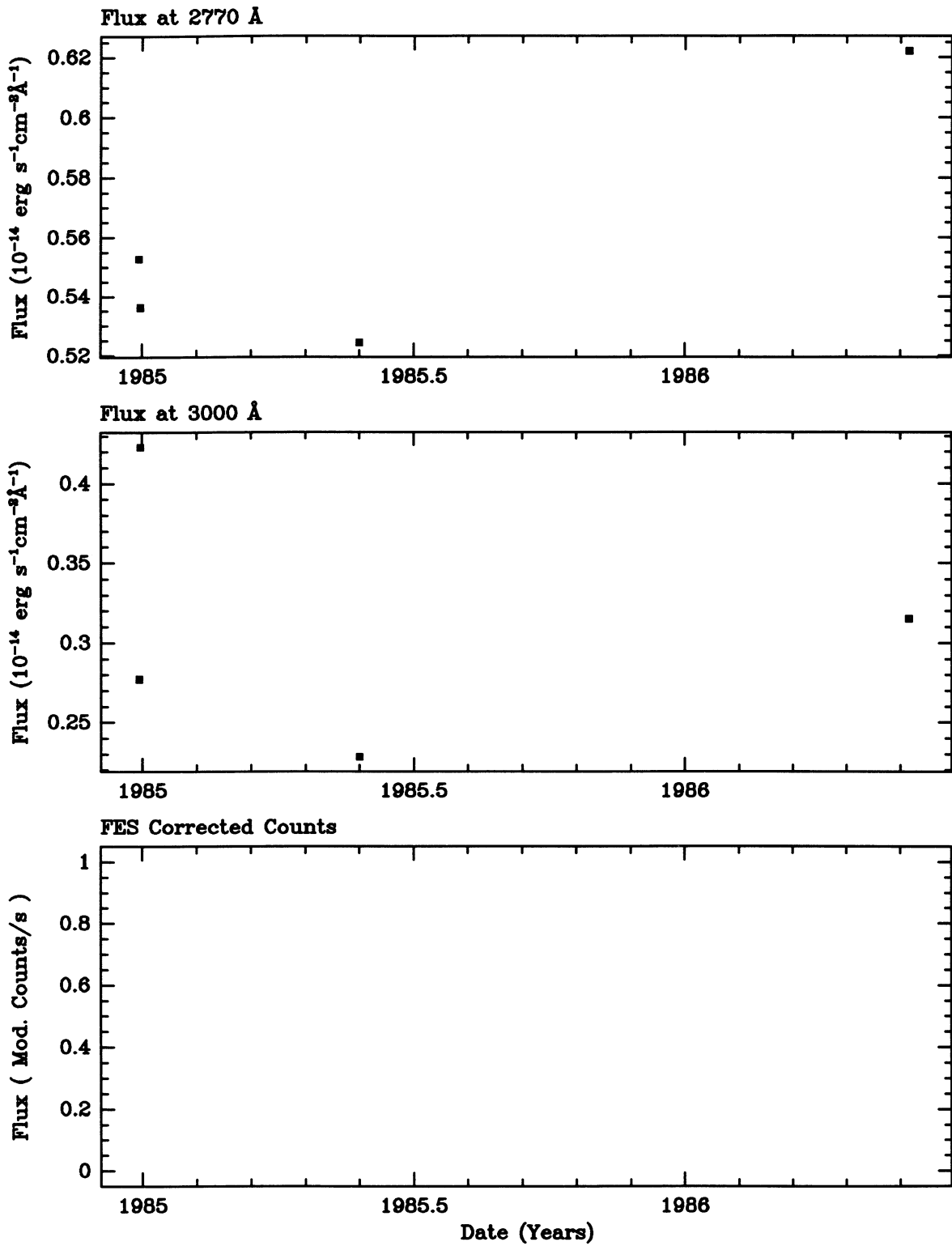
References

- 61
- 424
- 810

PG 0946+301

Right Ascension	:	9h 46m 46.30s
Declination	:	30° 09' 19.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.216
Alternative Names	:	QSO 0946+301





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2770 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP	5100	L	46064.0	29 Dec 84	18000.0			0.55	0.28	339	
2	LWP	5104	L	46065.0	30 Dec 84	2400.0			0.54	0.42	206	
3	SWP	24785	L	46065.0	30 Dec 84	14400.0					307	
4	SWP	24786	L	46065.0	30 Dec 84	6600.0					306	
5	LWP	6058	L	46212.0	26 May 85	22320.0			0.52	0.23	344	
6	SWP	26020	L	46213.0	27 May 85	21120.0					303	
7	SWP	26027	L	46214.0	28 May 85	21900.0					333	
8	SWP	26029	L	46214.0	28 May 85	25140.0					313	
9	LWP	8318	L	46583.0	1 Jun 86	19929.0			0.62	0.32	245	D
10	SWP	28421	L	46584.0	2 Jun 86	24120.0					034	
11	SWP	28432	L	46586.0	4 Jun 86	25200.0					333	

X-Ray Spectra

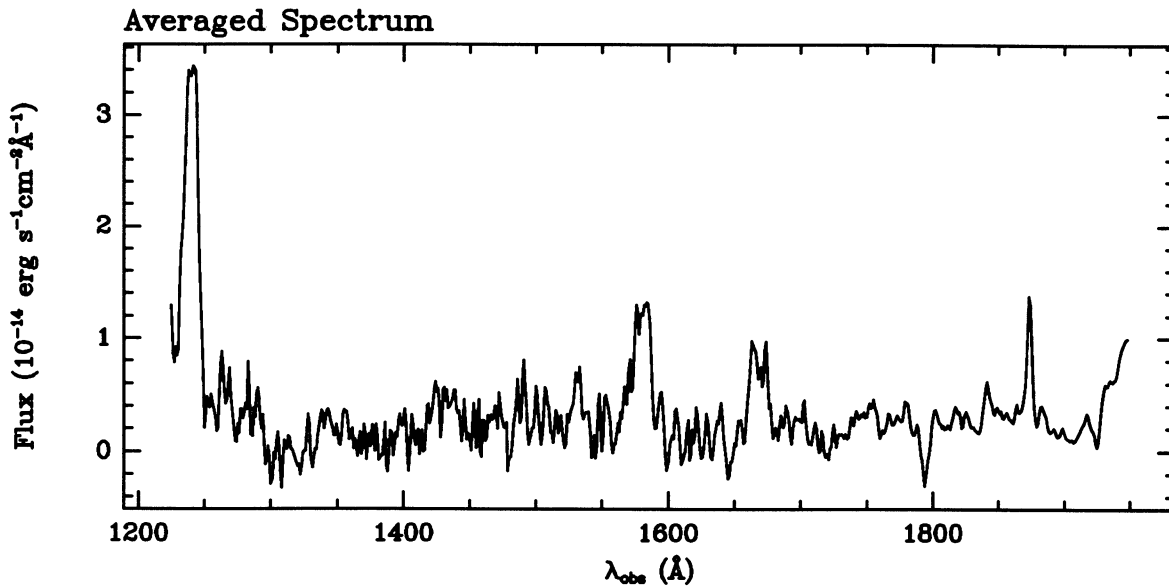
EINSTEIN • 524

References

• 417 • 471 • 621 • 729 • 748 • 801 • 830 • 832
• 842 • 930

MRK 1239

Right Ascension	:	9h 49m 46.30s
Declination	:	- 1° 22' 35.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.019
Alternative Names	:	EQ 0949-013, IRAS 09497-0122

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 \AA	2241 \AA	CEB	Flag
1	SWP 32282 L	47110.0	10 Nov 87	7800.0			0.38			253
2	SWP 33304 L	47269.0	17 Apr 88	5400.0			0.39			231
3	SWP 33636 L	47307.0	25 May 88	6900.0			0.35			23
4	SWP 33651 L	47309.0	27 May 88	6900.0			0.26			222
5	SWP 33659 L	47310.0	28 May 88	7800.0			0.48			23

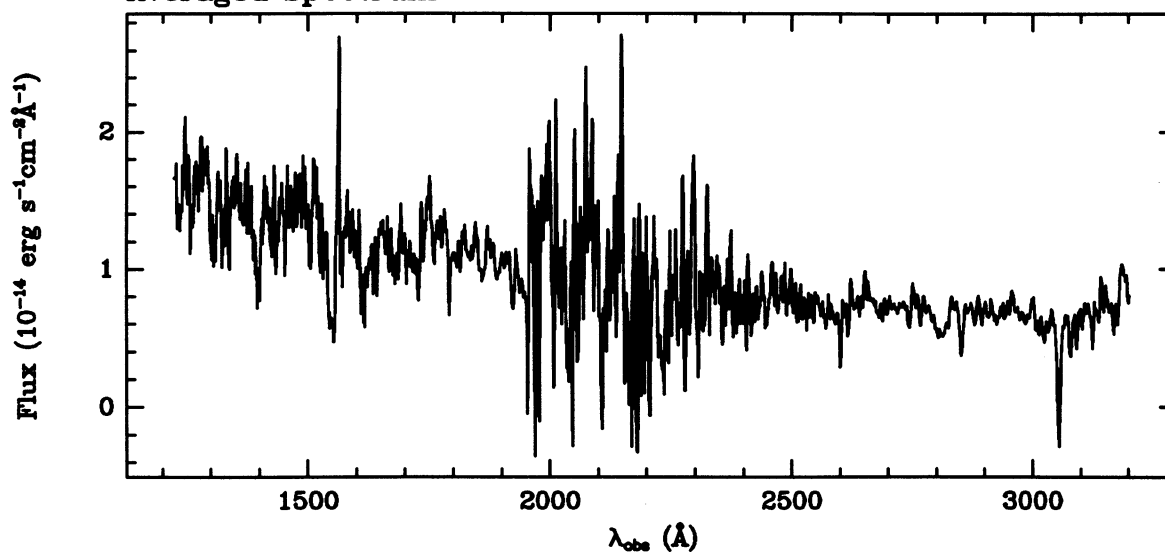
References

- 45 • 205 • 263 • 329 • 346 • 435 • 453 • 593
- 656 • 717 • 810 • 838

NGC 3049

Right Ascension	:	9h 52m 10.20s
Declination	:	9° 30' 32.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.005
Alternative Names	:	UGC 5325, MCG+02-25-0055
	:	MRK 710, IRAS 09521+0930

Averaged Spectrum



Observed Spectra

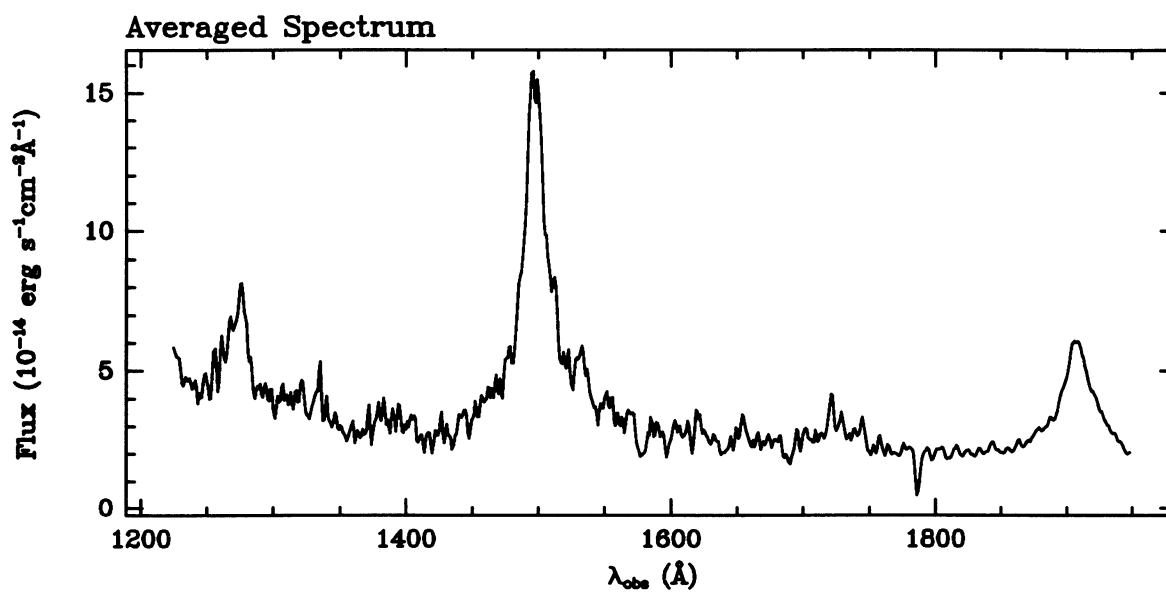
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	SWP 30593 L	46878.0	23 Mar 87	18660.0			1.53			302
2	LWP 10405 L	46879.0	24 Mar 87	22740.0				0.61		406
3	SWP 30927 L	46923.0	7 May 87	24300.0			1.67			404

References

- 193
- 215
- 246
- 492
- 559
- 789

PG 0953+415

Right Ascension	:	9h 53m 48.30s
Declination	:	41° 29' 58.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.239
Alternative Names	:	QSO 0953+415

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1548 Å	2725 Å	CEB	Flag
1	SWP 1361 L	43613.0	14 Apr 78	11400.0			4.03			
2	SWP 24778 S	46064.0	29 Dec 84	3300.0						03

X-Ray Spectra

EINSTEIN • 229

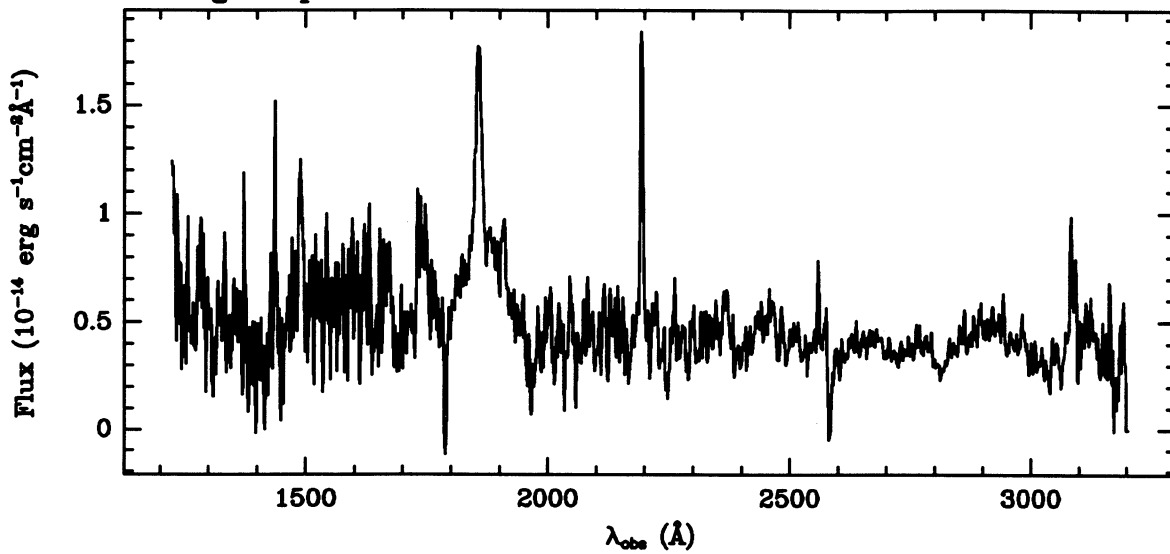
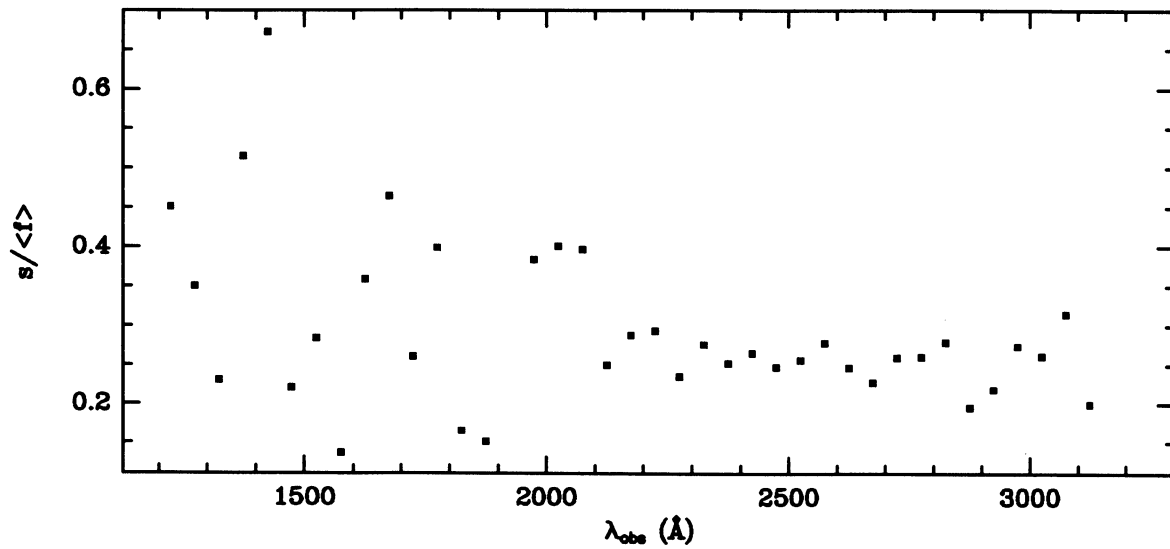
EXOSAT • 625

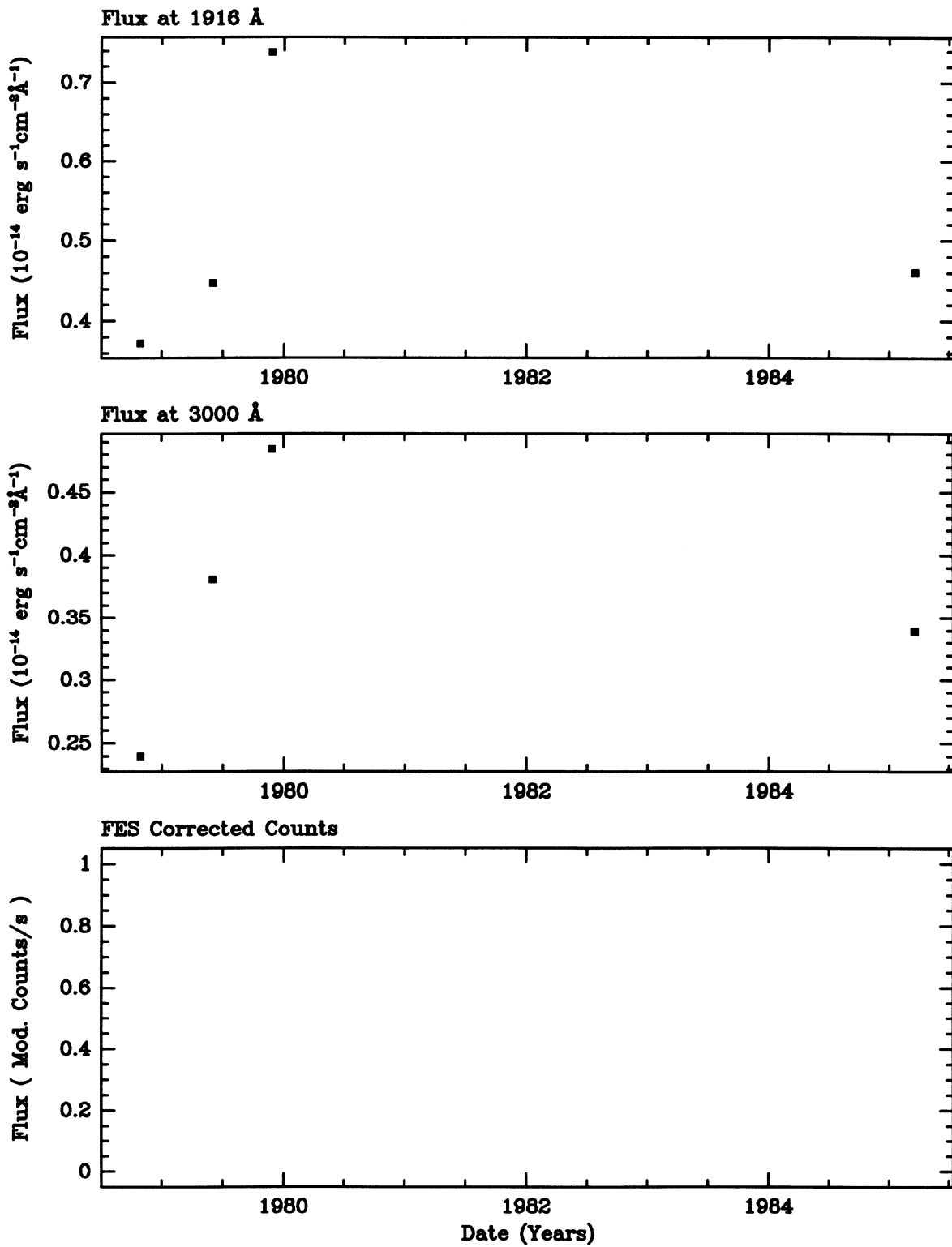
References

• 52 • 99 • 621 • 830 • 832 • 842

QSO 0955+326

Right Ascension	: 9h 55m 25.44s
Declination	: 32° 38' 23.2"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.533
Alternative Names	: TON 469, 3C 232, 4C 32.33
	: NRAO 342, OK 393, PG 0955+326

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1916 Å	3000 Å	CEB	Flag
1	SWP	3173	L	43809.0	27 Oct 78	25200.0						
2	LWR	2752	L	43811.0	29 Oct 78	26100.0			0.37	0.24		
3	SWP	5144	L	44000.0	6 May 79	1200.0					201	
4	SWP	5169	L	44002.0	8 May 79	51900.0					x09	
5	SWP	5435	L	44027.0	2 Jun 79	10800.0					23	
6	LWR	4680	L	44028.0	3 Jun 79	13800.0			0.45	0.38	33	
7	LWR	6242	L	44205.0	27 Nov 79	23100.0			0.74	0.48	455	
8	SWP	8825	L	44355.0	25 Apr 80	23820.0					343	
9	LWR	17661	L	46145.0	20 Mar 85	23100.0			0.46	0.34	305	
10	SWP	25496	L	46146.0	21 Mar 85	24000.0					345	

X-Ray Spectra

EINSTEIN • 264

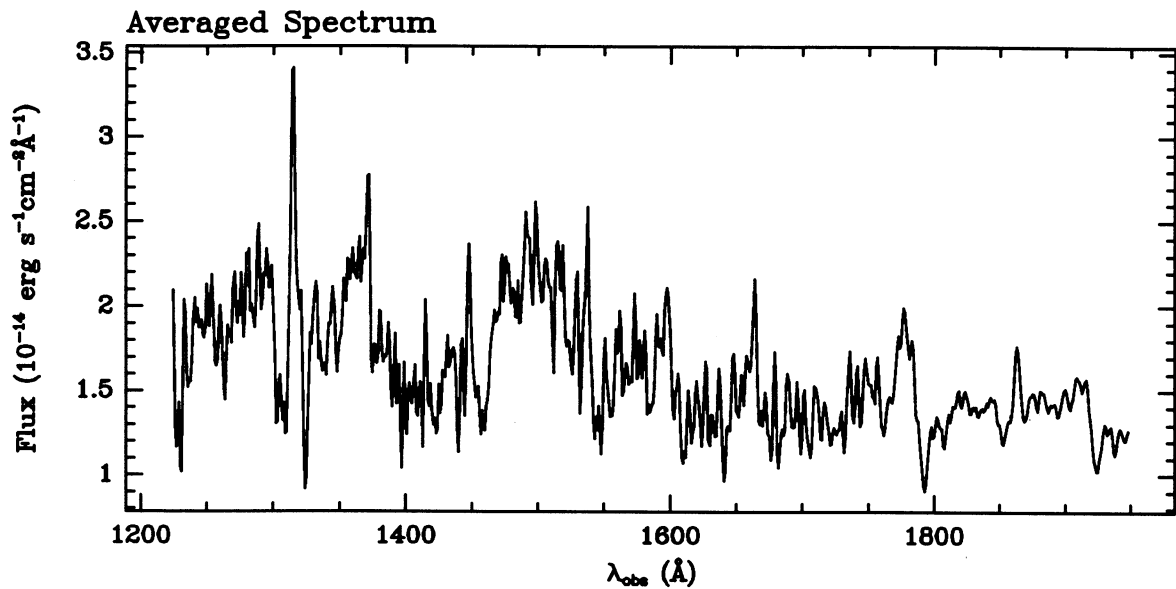
EXOSAT • 677

References

• 6 • 9 • 10 • 14 • 18 • 85 • 94 • 153
• 265 • 287 • 295 • 302 • 320 • 423 • 440 • 484
• 488 • 491 • 504 • 508 • 590 • 598 • 701 • 721
• 729 • 730 • 741 • 743 • 745 • 747 • 830 • 842
• 845 • 895 • 930 • 937

ESOB 435-IG20

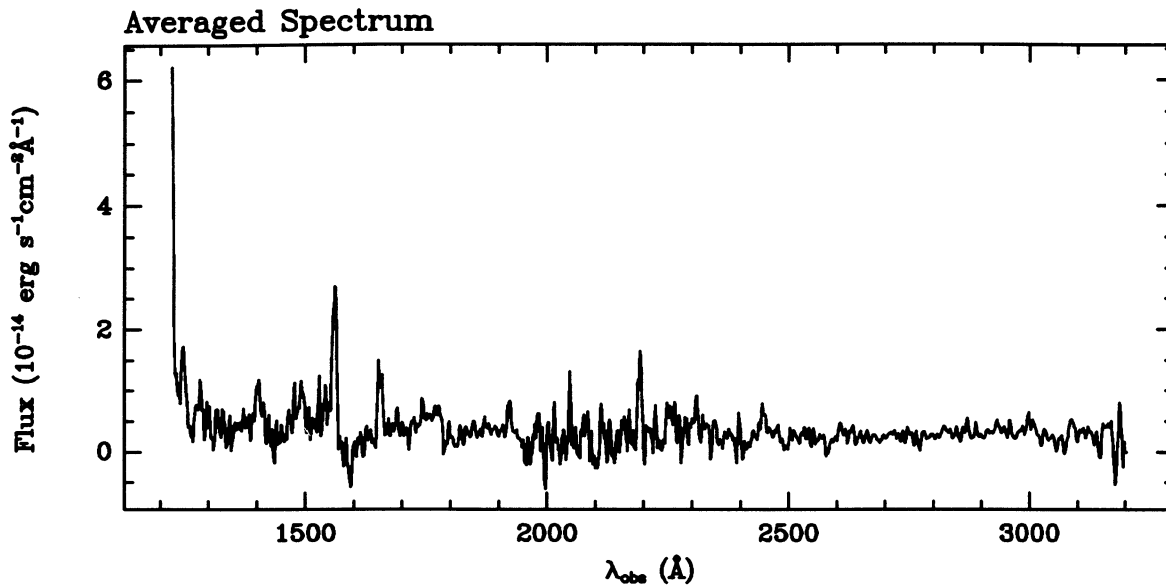
Right Ascension	:	9h 57m 05.00s
Declination	:	-27° 53' 30.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	TOL 2

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1252 \AA	2204 \AA	CEB	Flag
1	SWP	19640	L	45430.0	5 Apr 83	24300.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	1.81		403

NGC 3081

Right Ascension	: 9h 57m 10.00s
Declination	: -22° 35' 06.0"
Object Type	: Seyfert 2
ULDA Type	: 84,88
Redshift	: 0.007
Alternative Names	: ESO 499- 31, MCG-04-24-0012
	: IC 2529, EQ 0957-225



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
							10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$			
1	LWR 7370 L	44331.0	1 Apr 80	5400.0	54	54.91		0.47	225	
2	SWP 8623 S	44331.0	1 Apr 80	5400.0					112	D
3	SWP 8623 L	44331.0	1 Apr 80	5400.0	53	53.89	0.84		112	
4	SWP 8624 S	44331.0	1 Apr 80	5400.0					122	D
5	SWP 8624 L	44331.0	1 Apr 80	5400.0	51	51.86	1.27		122	
6	SWP 22121 L	45727.0	27 Jan 84	25680.0	50	56.33	0.47		344	
7	LWP 2710 L	45728.0	28 Jan 84	24600.0				0.34	315	D

X-Ray Spectra

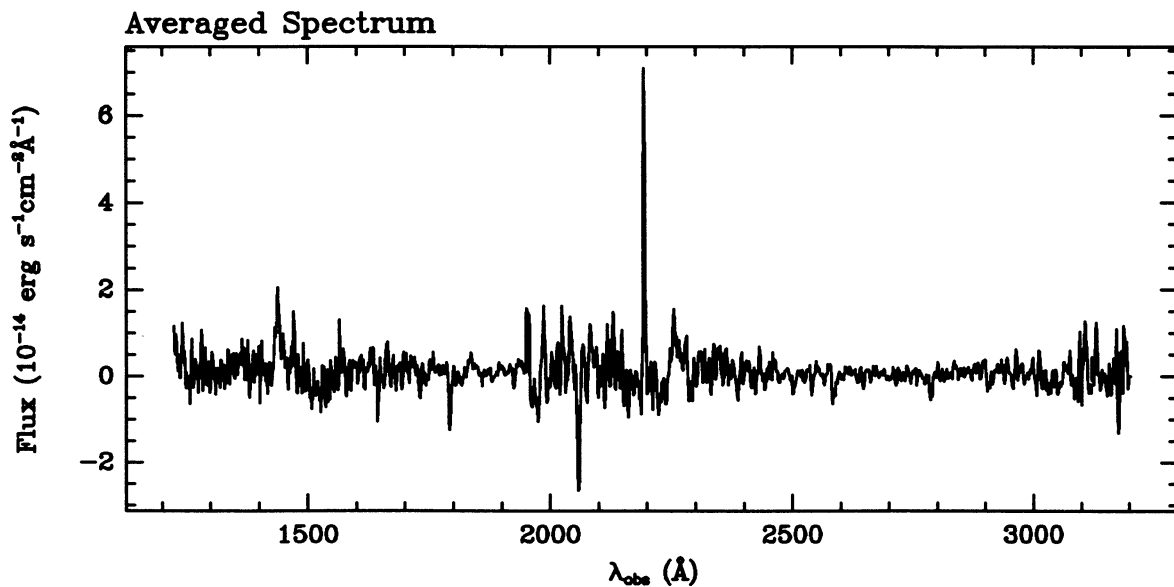
EINSTEIN	• 961
EXOSAT	• 509

References

- 181
- 359
- 445
- 453
- 475
- 485
- 490
- 664
- 717

AOO 3C 234

Right Ascension	:	9h 57m 48.01s
Declination	:	29° 07' 15.7"
Object Type	:	Seyfert 1
ULDA Type	:	86
Redshift	:	0.185
Alternative Names	:	4C 29.35, NRAO 343

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1481 Å	2607 Å	CEB	Flag
1	SWP 18502 L	45282.0	8 Nov 82	10980.0			0.07		302	
2	LWR 16084 L	45492.0	6 Jun 83	8760.0			0.24		06	
3	SWP 20160 L	45492.0	6 Jun 83	9000.0					209	

X-Ray Spectra

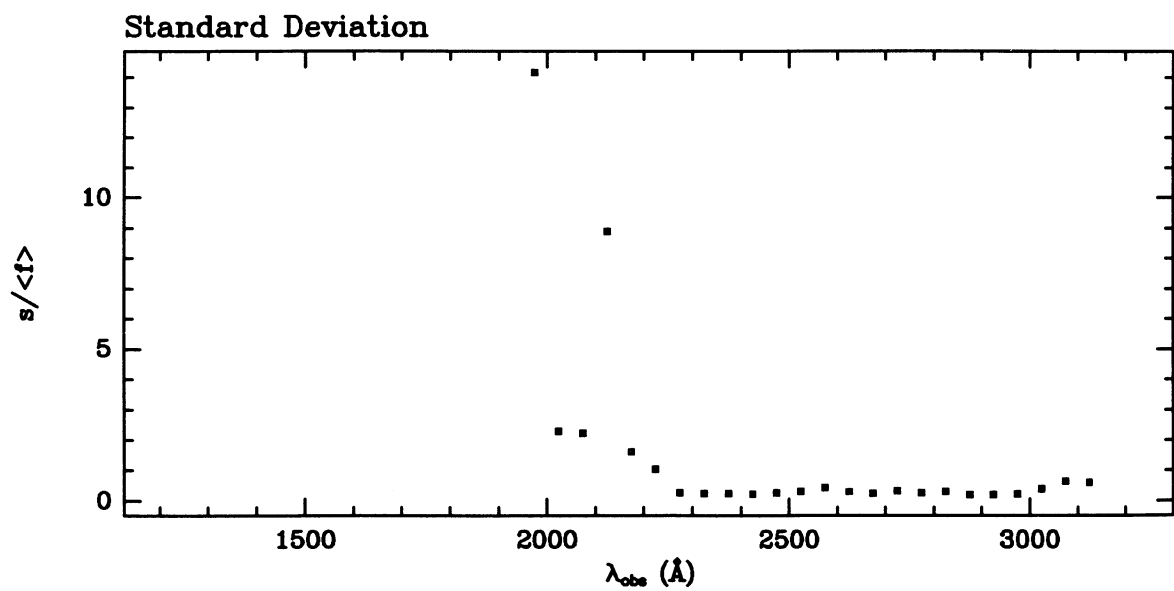
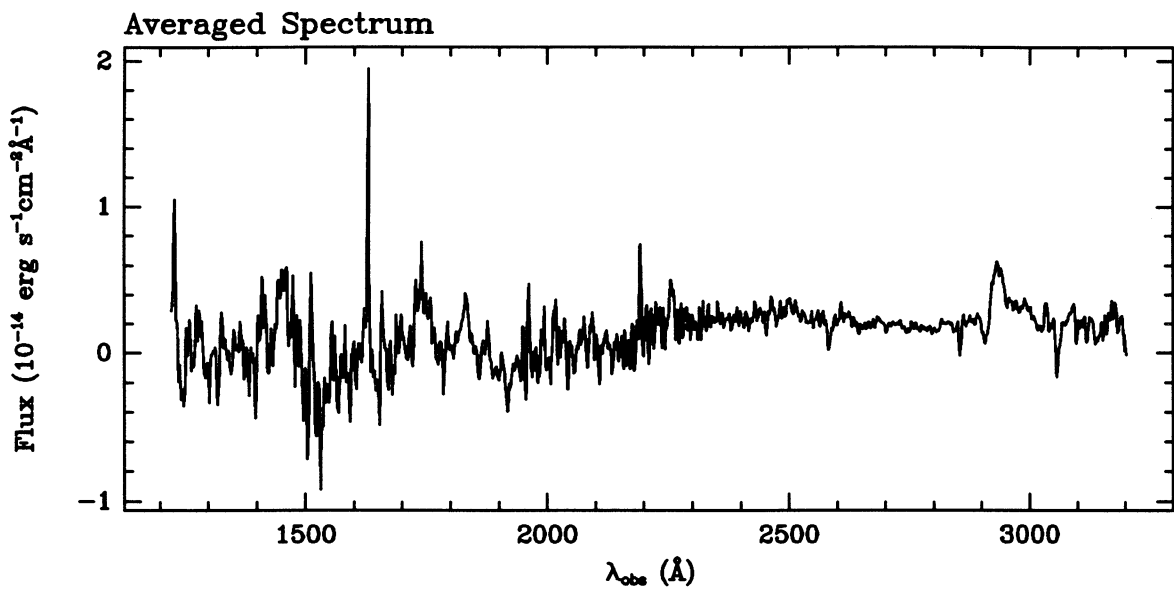
EINSTEIN • 251 • 256
EXOSAT • 305 • 337

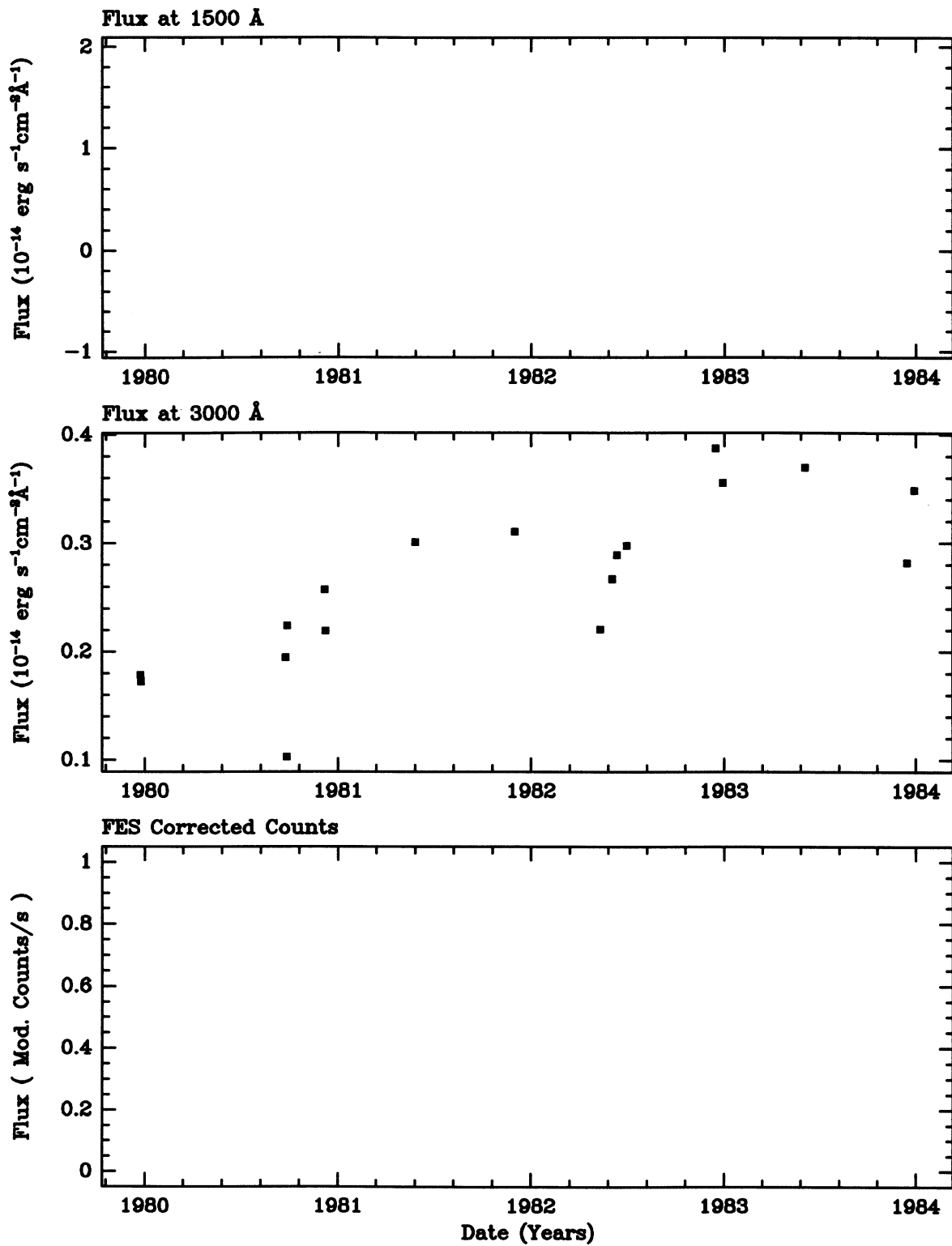
References

• 13 • 18 • 85 • 219 • 285 • 320 • 322 • 534
• 907

QSO 0957+561A

Right Ascension	:	9h 57m 57.30s
Declination	:	56° 08' 22.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.390
Alternative Names	:	TWIN QUASAR





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	6472	L	44232.0	24 Dec 79	20820.0				0.18		229
2	LWR	6473	L	44233.0	25 Dec 79	23880.0				0.17		338
3	LWR	8877	L	44506.0	23 Sep 80	21000.0				0.20		348
4	LWR	8890	L	44508.0	25 Sep 80	20400.0				0.10		336
5	LWR	8896	L	44509.0	26 Sep 80	18600.0				0.22		340
6	LWR	9445	L	44580.0	6 Dec 80	22380.0				0.26		342
7	LWR	9458	L	44582.0	8 Dec 80	22560.0				0.22		235
8	SWP	10783	L	44582.0	8 Dec 80	18000.0						063
9	LWR	10724	L	44752.0	27 May 81	42900.0				0.30		309
10	LWP	1404	L	44940.0	1 Dec 81	34620.0				0.31		348
11	LWP	1550	L	45102.0	12 May 82	19800.0				0.22		
12	LWP	1565	L	45124.0	3 Jun 82	19380.0				0.27		233
13	LWP	1579	L	45133.0	12 Jun 82	18900.0				0.29		336
14	LWP	1603	L	45152.0	1 Jul 82	19200.0				0.30		339
15	LWP	1744	L	45319.0	15 Dec 82	23400.0				0.39		342
16	LWP	1752	L	45333.0	29 Dec 82	18000.0				0.36		339
17	LWP	1888	L	45489.0	3 Jun 83	23400.0				0.37		346
18	LWP	2417	L	45684.0	15 Dec 83	14400.0				0.28		339
19	LWP	2525	L	45698.0	29 Dec 83	21960.0				0.35		345

X-Ray Spectra

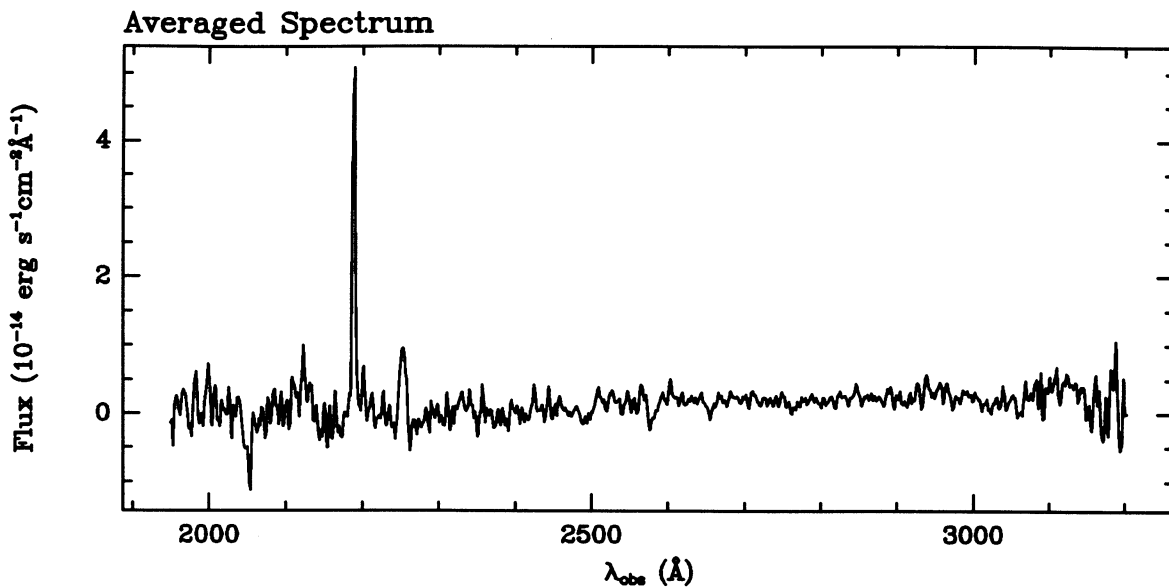
EINSTEIN	• 224	• 235	• 560	• 792
	• 830	• 831		
EXOSAT	• 229	• 230	• 622	

References

• 40	• 248	• 265	• 290	• 381	• 464	• 481	• 491
• 585	• 610	• 742	• 806				

MRK 132

Right Ascension	:	9h 58m 08.00s
Declination	:	55° 09' 10.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.754
Alternative Names	:	PG 0958+55, QSO 0958+551

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 12640 L	45021.0	20 Feb 82	16200.0				0.21		307

X-Ray Spectra

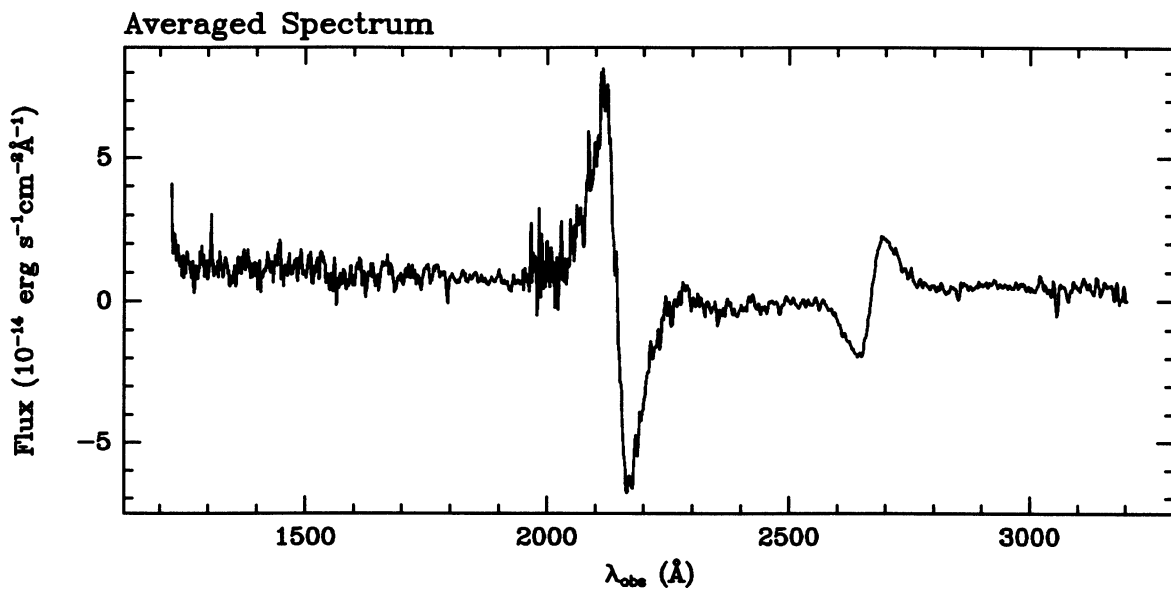
EXOSAT • 335 • 622 • 2086

References

• 3 • 14 • 265 • 302 • 590 • 711 • 719 • 729
 • 730 • 804 • 806 • 830 • 842

MRK 25

Right Ascension	:	10h 00m 22.20s
Declination	:	59° 40' 43.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	UGC 5408, MCG+10-15-0004
	:	ZW VII 308, IRAS 10003+5940

**Observed Spectra**

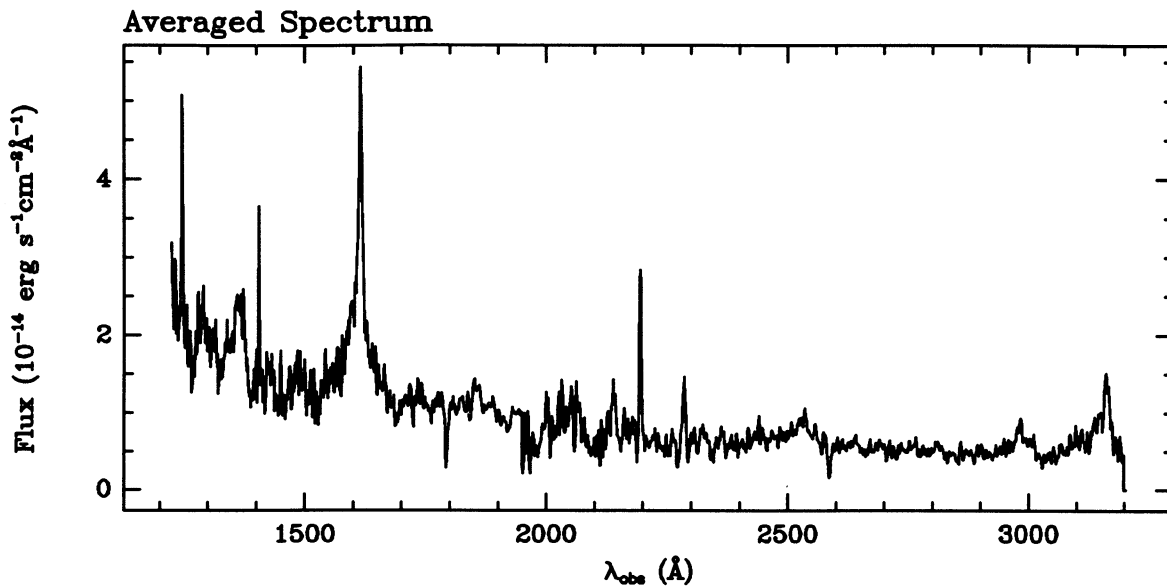
#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag	
											10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$		
1	LWP	3174	L	45809.0	18 Apr 84	13200.0	24	27.32			309	D	
2	SWP	22785	L	45809.0	18 Apr 84	14400.0	30	34.15	1.21			306	

References

- 145
- 193
- 593

QSO 1001+292

Right Ascension	:	10h 01m 12.00s
Declination	:	29° 13' 00.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.329
Alternative Names	:	TON 28, PG 1001+292



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1661 \AA	2923 \AA	CEB	Flag
1	SWP 19448 L	45406.0	12 Mar 83	23100.0			1.35		356	
2	LWR 15480 L	45407.0	13 Mar 83	22800.0				0.49	456	

X-Ray Spectra

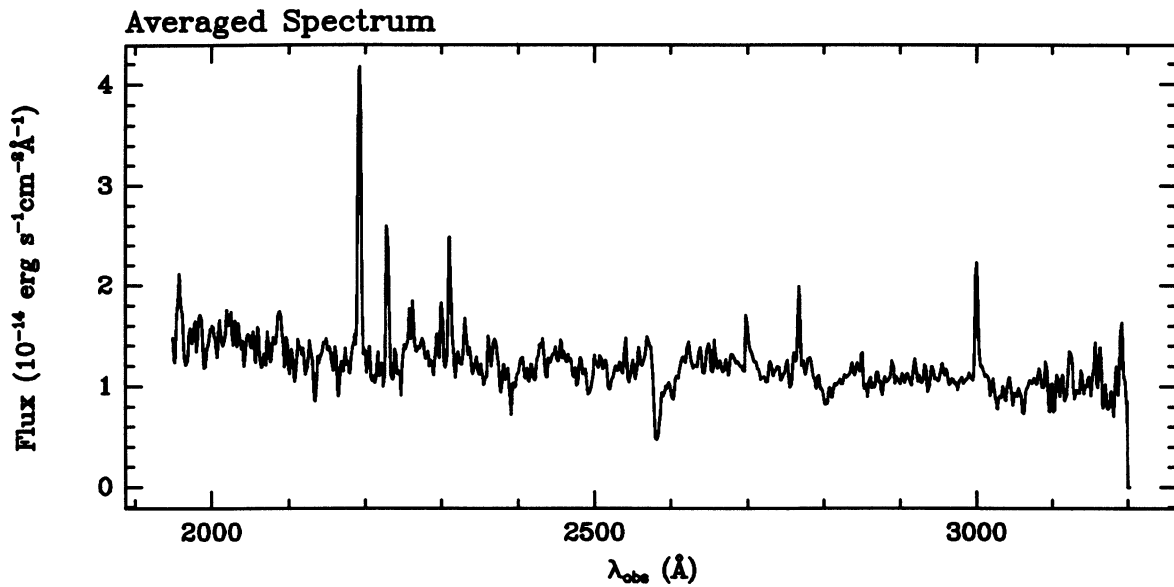
EINSTEIN	• 251	• 256
EXOSAT	• 305	• 337

References

• 590 • 603 • 842

NGC 3125

Right Ascension	:	10h 04m 17.70s
Declination	:	-29° 41' 29.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	TOL 3, MCG-05-24-0022
	:	ESO 435- 41, EQ 1004-296

**Observed Spectra**

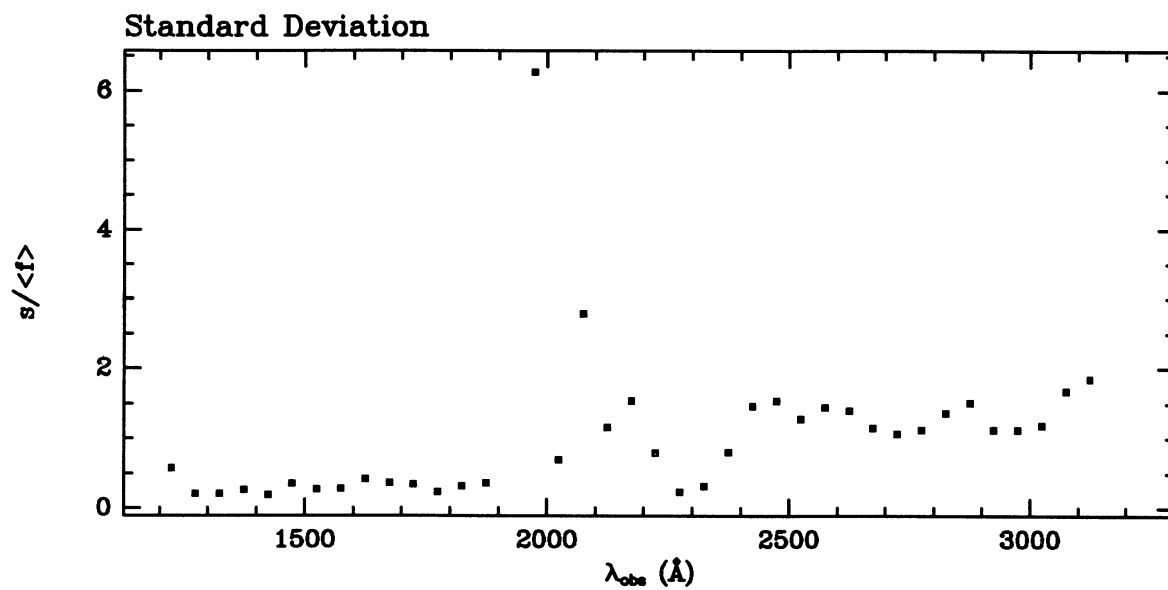
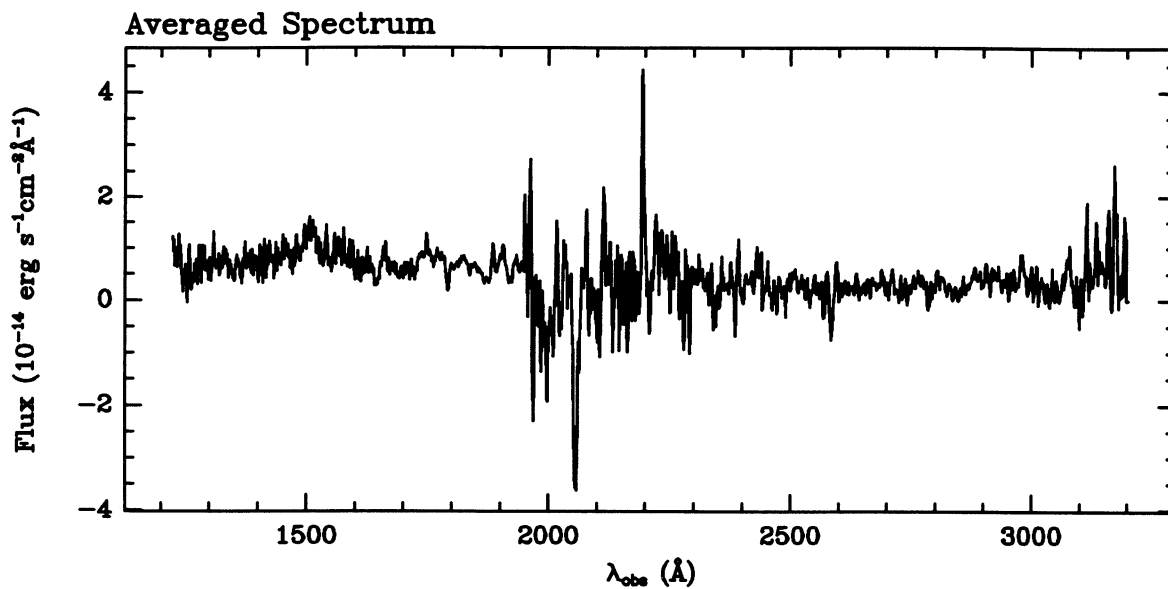
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 \AA	2208 \AA	CEB	Flag
1	LWR 9894 L	44647.0	11 Feb 81	25140.0	44	45.27	1.65		417	

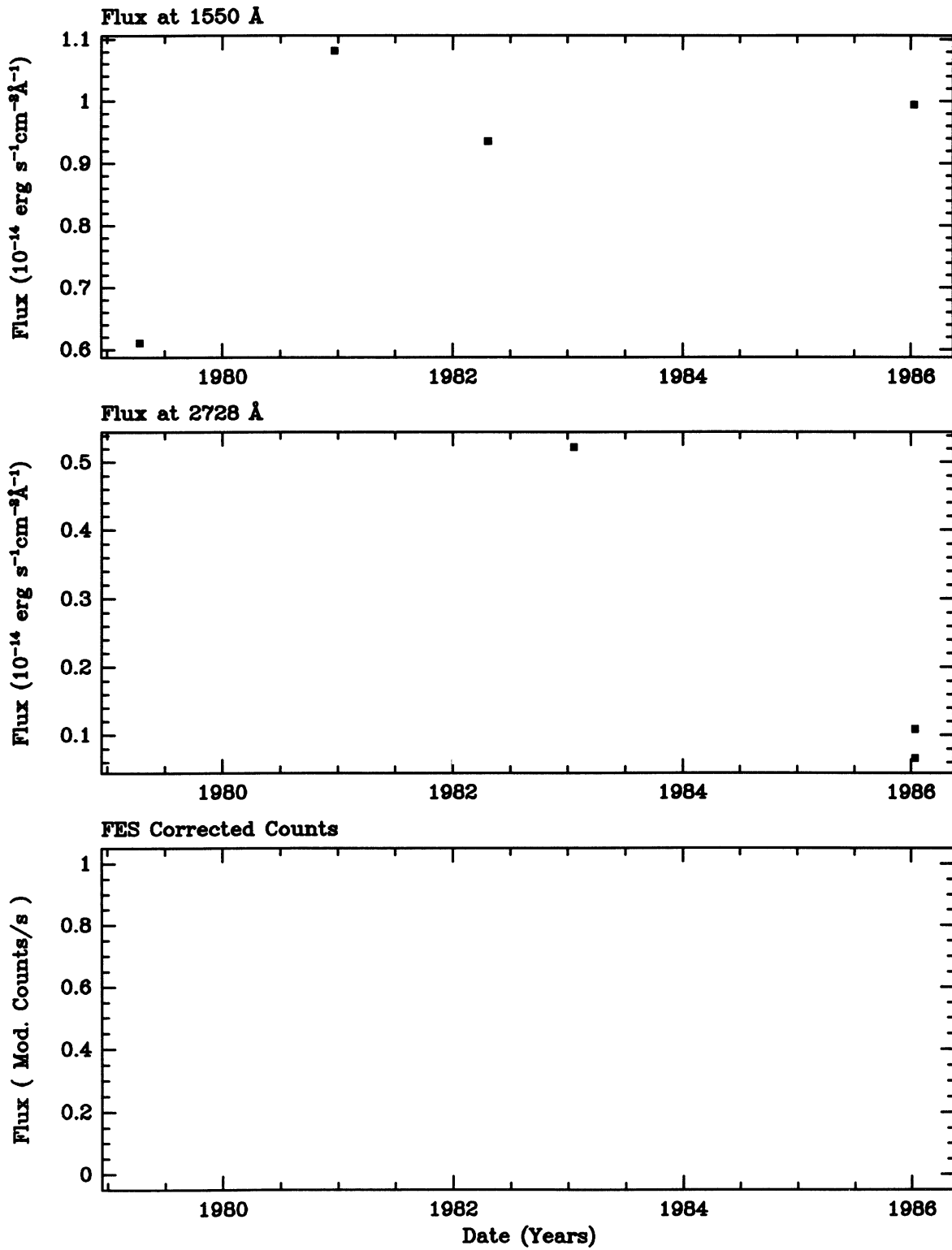
References

- 64
- 274
- 362
- 367
- 567
- 881

QSO 1004+130

Right Ascension	: 10h 04m 45.05s
Declination	: 13° 03' 37.7"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.240
Alternative Names	: PKS 1004+130, 4C 13.41
	: OL 107.7, PG 1004+130





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1550 Å	2728 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	4942	L	43979.0	15 Apr 79	21420.0			0.61			33
2	SWP	4942	S	43979.0	15 Apr 79	21420.0						33 D
3	SWP	10850	L	44595.0	21 Dec 80	1920.0			1.08			300
4	SWP	16824	L	45084.0	24 Apr 82	22260.0			0.94			333
5	LWR	15079	L	45355.0	20 Jan 83	3420.0				0.52		309
6	SWP	27517	L	46443.0	12 Jan 86	18900.0			0.99			336
7	LWP	7497	L	46445.0	14 Jan 86	7200.0				0.11		211 D
8	LWP	7498	L	46445.0	14 Jan 86	7500.0				0.07		111 D

X-Ray Spectra

EINSTEIN • 241 • 246 • 800 • 827
 • 940

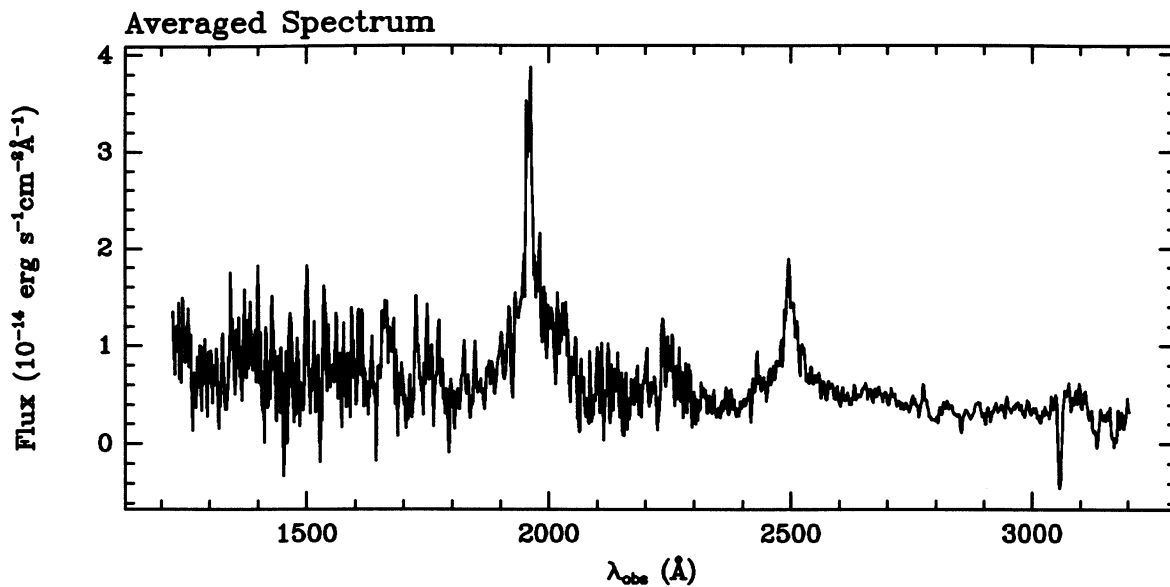
EXOSAT • 1562

References

• 14 • 85 • 109 • 284 • 302 • 308 • 450 • 504
 • 590 • 603 • 669 • 677 • 729 • 730 • 743 • 801
 • 804 • 830 • 832 • 842 • 845 • 879

QSO 1007+417

Right Ascension	:	10h 07m 26.10s
Declination	:	41° 47' 13.2"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.613
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2016 Å	3000 Å	CEB	Flag
1	SWP 27510 L	46442.0	11 Jan 86	17100.0			1.17	0.33	347	
2	LWP 7489 L	46444.0	13 Jan 86	21300.0					3x9	

X-Ray Spectra

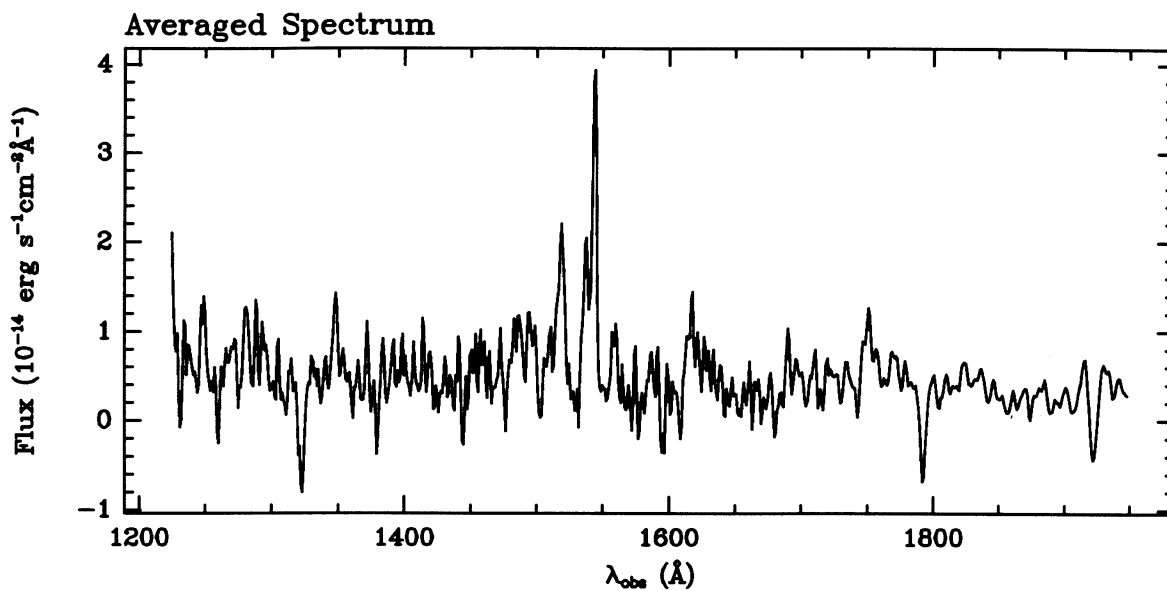
EINSTEIN • 229

References

• 504 • 745 • 842

MRK 26

Right Ascension	:	10h 08m 26.40s
Declination	:	59° 08' 20.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.031
Alternative Names	:	MCG+10-15-0026

**Observed Spectra**

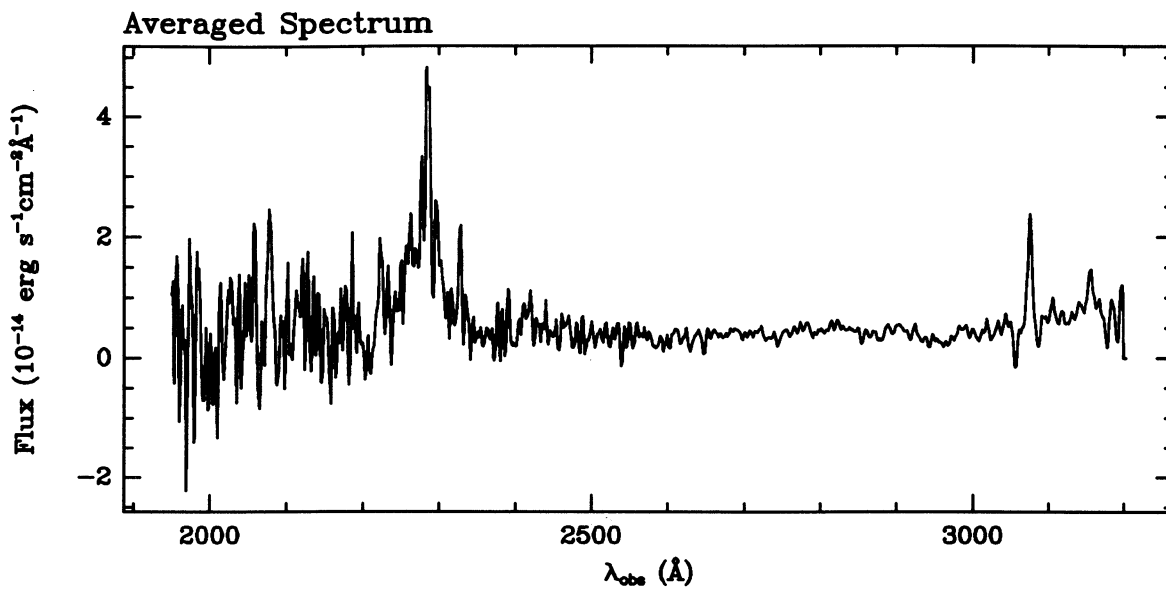
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1288 \AA	2268 \AA	CEB	Flag
1	SWP 21411 L	45638.0	30 Oct 83	23400.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	0.64		309

References

- 331

PG 1008+133

Right Ascension	:	10h 08m 30.00s
Declination	:	13° 19' 02.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.287
Alternative Names	:	QSO 1008+133

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2858 Å	3000 Å	CEB	Flag
1	LWP 9546 L	46753.0	18 Nov 86	7200.0			0.40	0.44	334	D

X-Ray Spectra

EINSTEIN • 241 • 246 • 800 • 827
 • 940

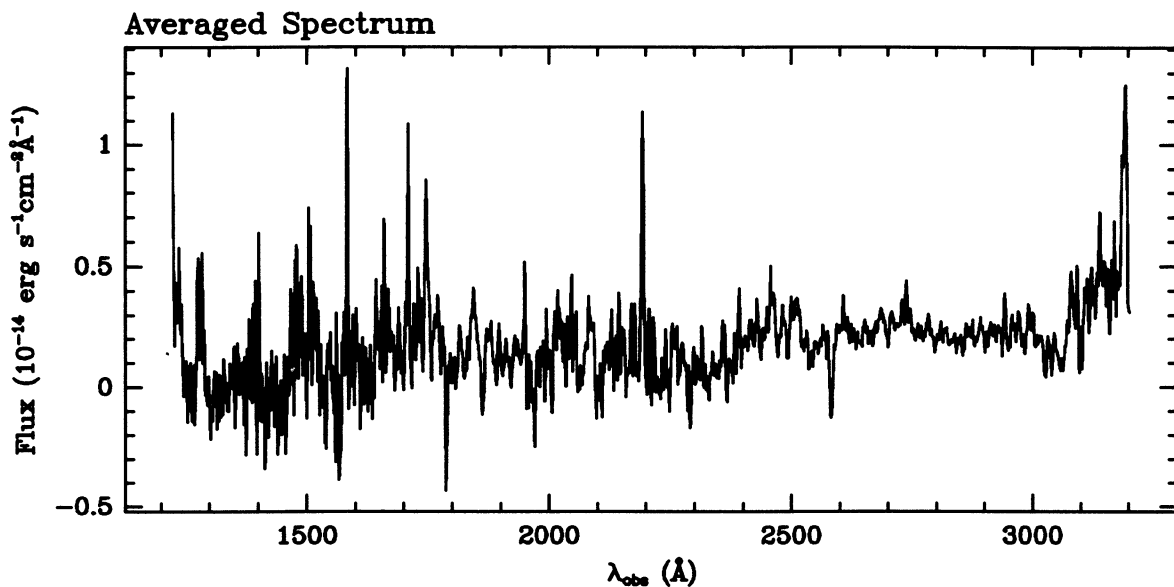
EXOSAT • 1562

References

• 460 • 621 • 801 • 830 • 832 • 842

QSO 1011+250

Right Ascension	:	10h 11m 05.65s
Declination	:	25° 04' 11.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.631
Alternative Names	:	TON 490, PG 1011+25



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 2986 L	43833.0	20 Nov 78	15900.0					34	
2	SWP 3434 L	43837.0	24 Nov 78	21000.0			0.41	0.21	20	
3	LWR 3126 L	43851.0	8 Dec 78	22080.0					33	
4	SWP 5446 L	44032.0	7 Jun 79	21600.0			0.16		21	
5	LWR 6273 L	44208.0	30 Nov 79	15300.0				0.25	306	D
6	LWR 6273 S	44208.0	30 Nov 79	7200.0					306	D
7	LWP 3525 L	45859.0	7 Jun 84	24720.0				0.21	304	

X-Ray Spectra

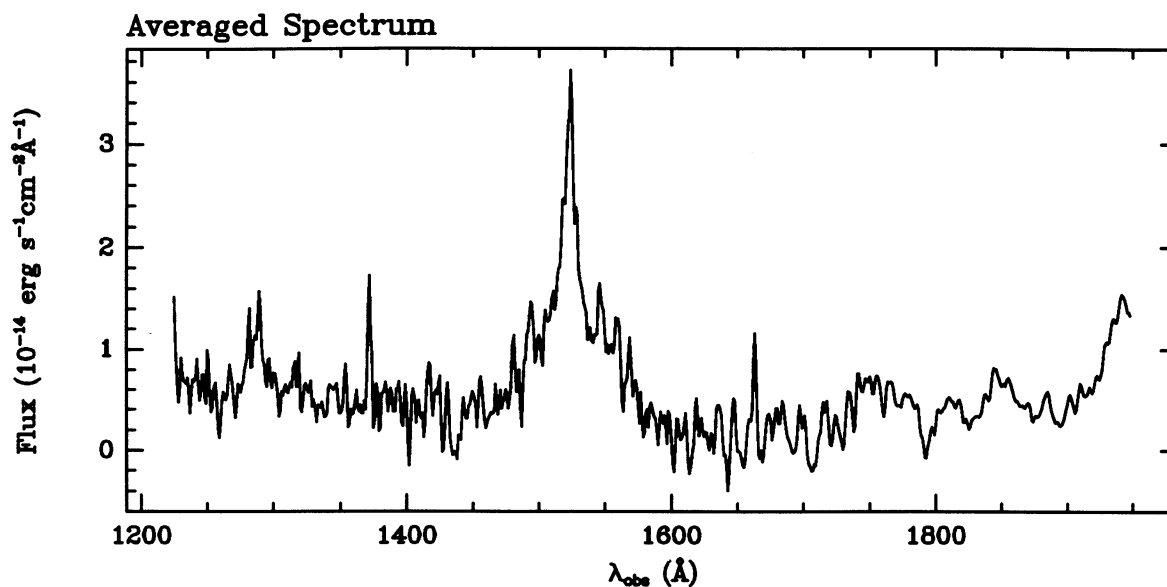
EINSTEIN • 250 • 541

References

- 175 • 191 • 296 • 302 • 307 • 450 • 519 • 545
- 701 • 729 • 730 • 743 • 766 • 776 • 830 • 842
- 845 • 895

QSO 1011-282

Right Ascension	:	10h 11m 12.20s
Declination	:	-28° 16' 31.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.253
Alternative Names	:	PKS 1011-282, OL -219



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1566 Å	2756 Å	CEB	Flag
1	SWP 17313 L	45149.0	28 Jun 82	14400.0			0.78			232

X-Ray Spectra

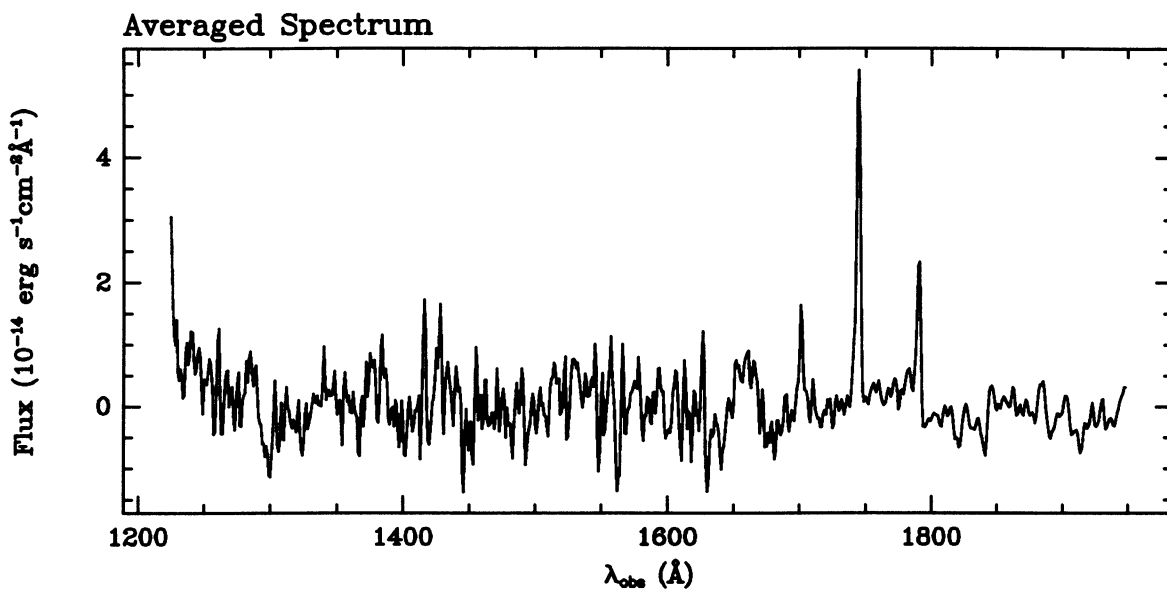
EINSTEIN • 289 • 962

References

• 159 • 245 • 603 • 816

PG 1012+008

Right Ascension	:	10h 12m 20.78s
Declination	:	0° 48' 33.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.185
Alternative Names	:	QSO 1012+008

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1481 \AA	2607 \AA	CEB	Flag
1	SWP 27189 L	46398.0	28 Nov 85	3000.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}		01	

X-Ray Spectra

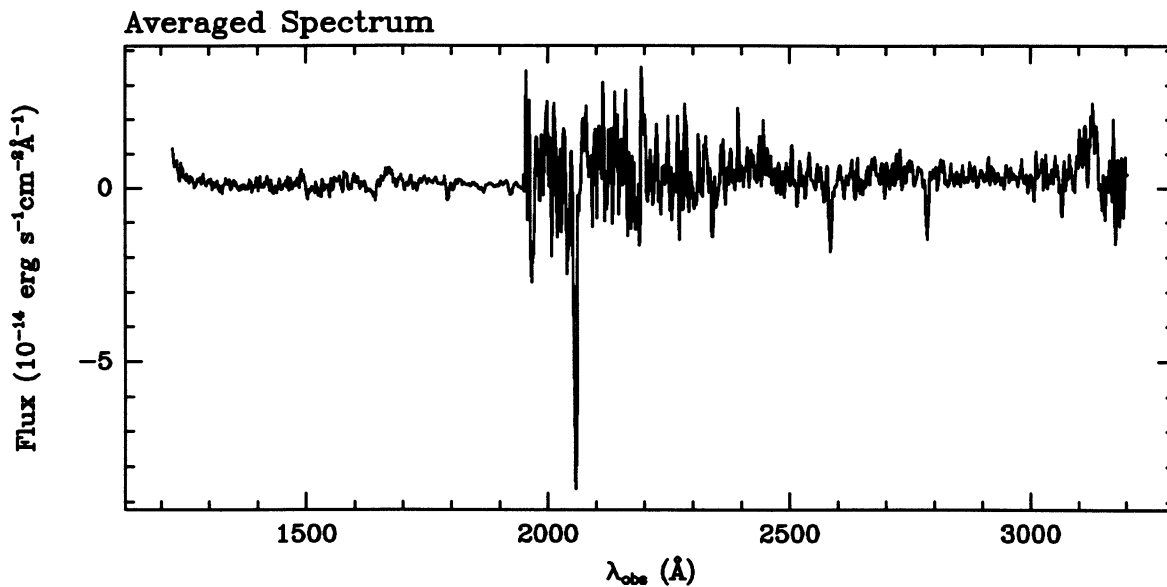
EINSTEIN • 237 • 580 • 1151
EXOSAT • 1277 • 1950

References

• 280 • 302 • 621 • 776 • 801 • 815 • 832

QSO 1017+280

Right Ascension	:	10h 17m 06.00s
Declination	:	28° 01' 00.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.924
Alternative Names	:	TON 34, PG 1017-28

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 15355 L	45389.0	23 Feb 83	4980.0			0.50	09	D	
2	LWR 15366 L	45390.0	24 Feb 83	5400.0			0.23	09		
3	LWP 5708 L	46166.0	10 Apr 85	25800.0			0.25	309		
4	SWP 28188 L	46539.0	18 Apr 86	23400.0			0.07	305		
5	SWP 32375 L	47121.0	21 Nov 87	19500.0			0.10	06		

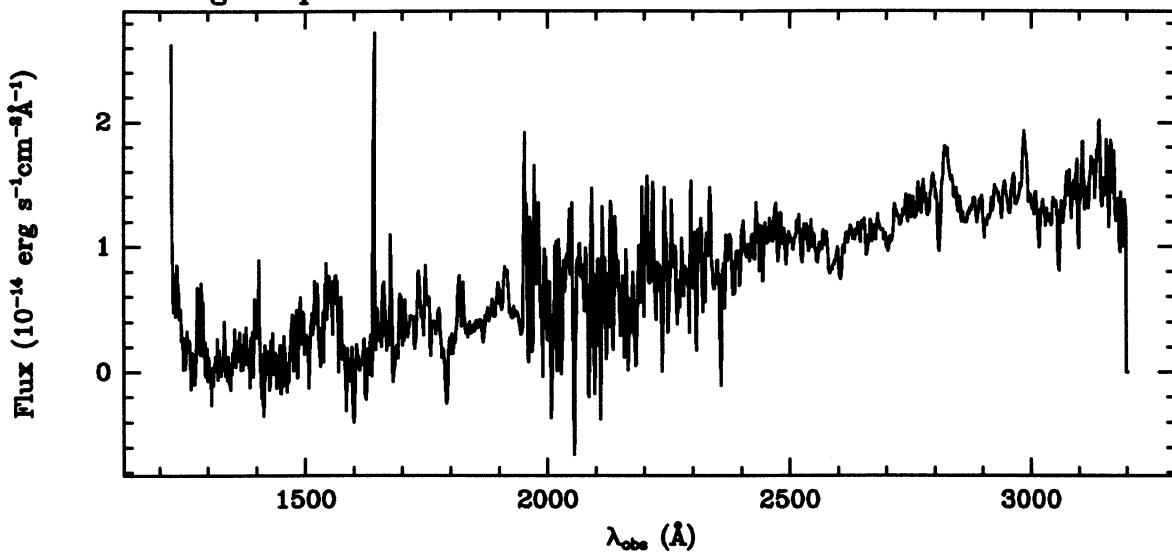
References

- 307
- 711
- 719
- 741
- 842

NGC 3227

Right Ascension	:	10h 20m 48.10s
Declination	:	20° 06' 00.2"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.003
Alternative Names	:	UGC 5620, MCG+03-27-0016

Averaged Spectrum



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP 8772 L	44346.0	16 Apr 80	24000.0	87	88.50	0.39		309	
2	SWP 8772 S	44346.0	16 Apr 80	24000.0					39	
3	LWR 16116 L	45495.0	9 Jun 83	9600.0				0.76	345	
4	LWP 2416 L	45684.0	15 Dec 83	9780.0	91	101.98		0.94	454	D
5	SWP 21778 L	45684.0	15 Dec 83	12600.0	88	98.62	0.18		232	

X-Ray Spectra

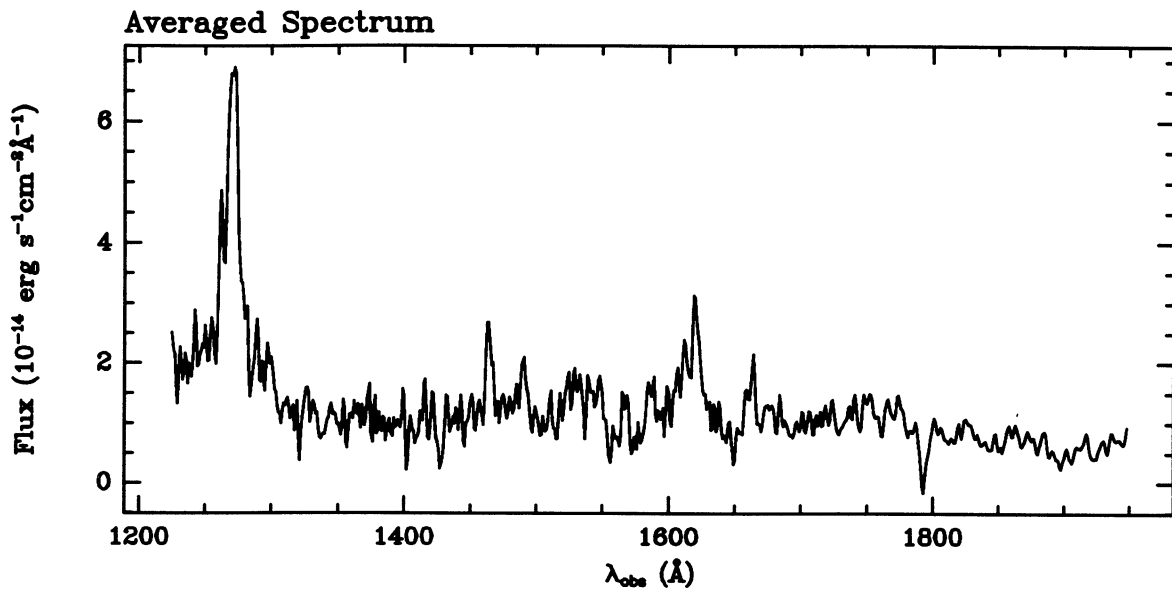
EINSTEIN	• 232	• 242	• 267	• 804
	• 810	• 811		
EXOSAT	• 413	• 1224	• 1570	• 1921
	• 1943	• 1957	• 1958	• 1980

References

- 81 • 85 • 136 • 143 • 145 • 177 • 206 • 284
- 315 • 320 • 335 • 394 • 401 • 464 • 521 • 561
- 566 • 573 • 581 • 593 • 602 • 607 • 669 • 717
- 723 • 763 • 766 • 804 • 816 • 841 • 883 • 896

MRK 142

Right Ascension	:	10h 22m 23.10s
Declination	:	51° 55' 40.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.045
Alternative Names	:	PG 1022+519

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1306 \AA	2299 \AA	CEB	Flag
1	SWP 20113 L	45486.0	31 May 83	7800.0			1.52		334	
2	SWP 20121 L	45487.0	1 Jun 83	5700.0			1.56		331	

X-Ray Spectra

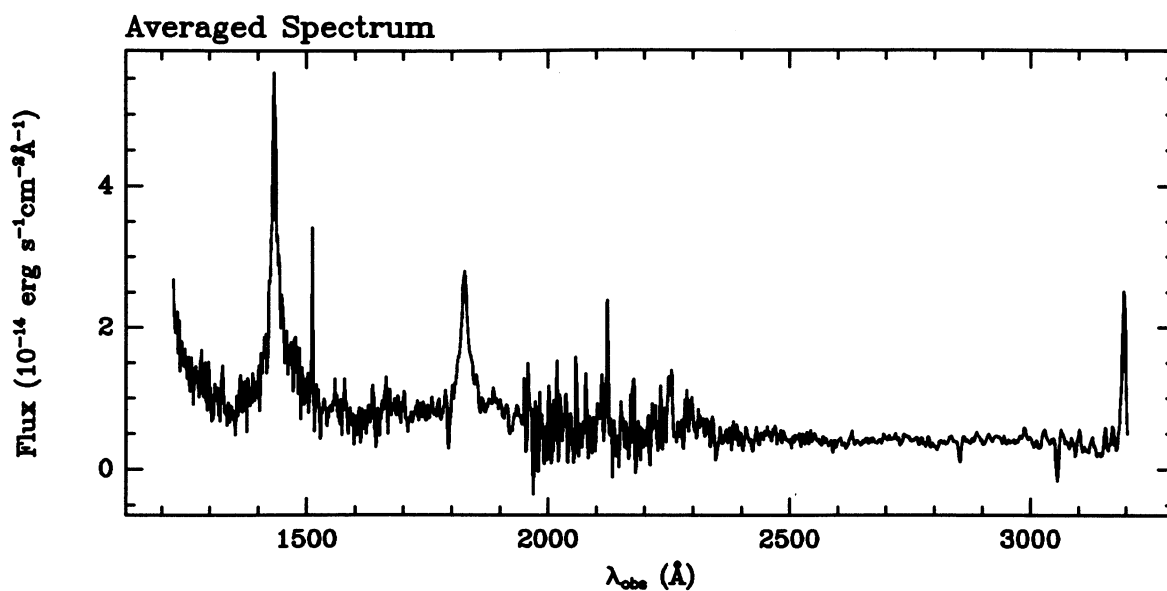
EINSTEIN • 782

References

• 8 • 85 • 145 • 284 • 320 • 394 • 400 • 593
 • 717 • 804

QSO 1028+313

Right Ascension	:	10h 28m 09.79s
Declination	:	31° 18' 20.6"
Object Type	:	Quasar
ULDA Type	:	84,85
Redshift	:	0.177
Alternative Names	:	OL 347, B2 1028+31.3



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1471 Å	2589 Å	CEB	Flag.
1	SWP 28214 L	46543.0	22 Apr 86	22500.0			1.56			347
2	LWP 12386 L	47157.0	27 Dec 87	21600.0				0.37		405

X-Ray Spectra

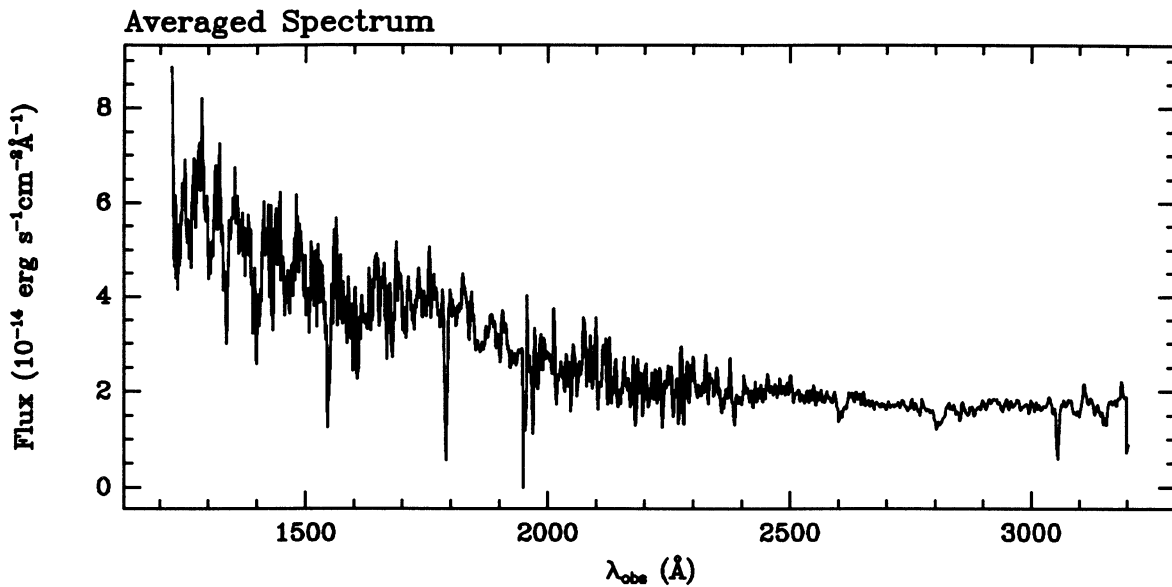
EINSTEIN • 257

References

• 302 • 504 • 590 • 662 • 776 • 823

MRK 33

Right Ascension	: 10h 29m 22.20s
Declination	: 54° 39' 23.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.005
Alternative Names	: UGC 5720, MCG+09-17-0070
	IRAS 10293+5119, HAPO 2,

**Observed Spectra**

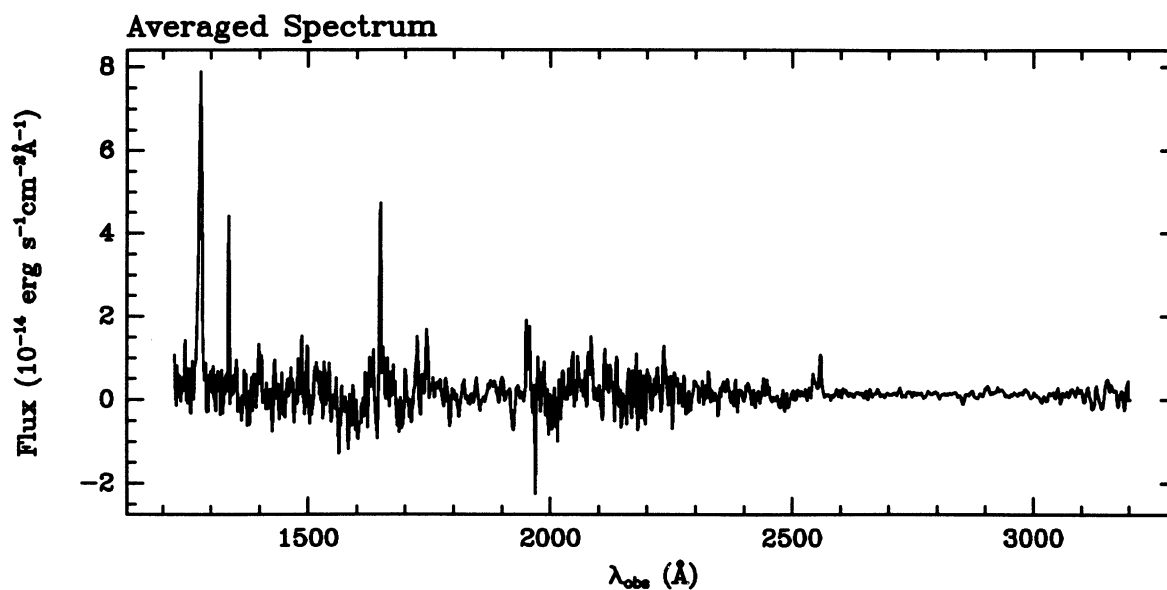
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
							10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	SWP 10471 L	44538.0	25 Oct 80	12900.0	55	56.32	5.75		3x9	
2	LWP 10111 L	46839.0	12 Feb 87	10500.0	41	56.28		2.14	505	D
3	LWP 12578 L	47189.0	28 Jan 88	23700.0	47	70.87		1.99	795	

References

• 217 • 713 • 836 • 942

MRK 34

Right Ascension	:	10h 30m 52.20s
Declination	:	60° 17' 20.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.051
Alternative Names	:	MCG+10-15-0104, EQ 1030+602



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1313 Å	2312 Å	CEB	Flag
1	LWP 4597 L	45994.0	20 Oct 84	9000.0					332	D
2	SWP 24249 L	45995.0	21 Oct 84	11400.0			0.50	0.20	337	

X-Ray Spectra

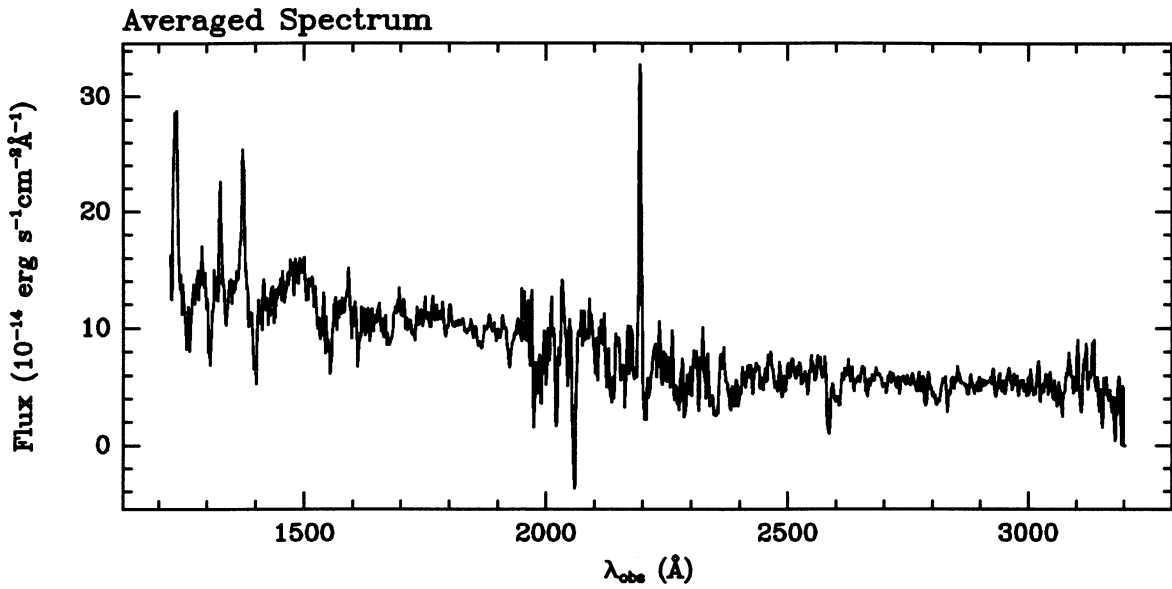
EINSTEIN • 10 • 219 • 231 • 573
EXOSAT • 1491

References

• 81 • 85 • 93 • 145 • 164 • 177 • 284 • 315
• 394 • 445 • 528 • 563 • 593 • 637 • 669 • 717

NGC 3310

Right Ascension	:	10h 35m 40.30s
Declination	:	53° 45' 45.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	UGC 5786, MCG+09-18-0008



Observed Spectra

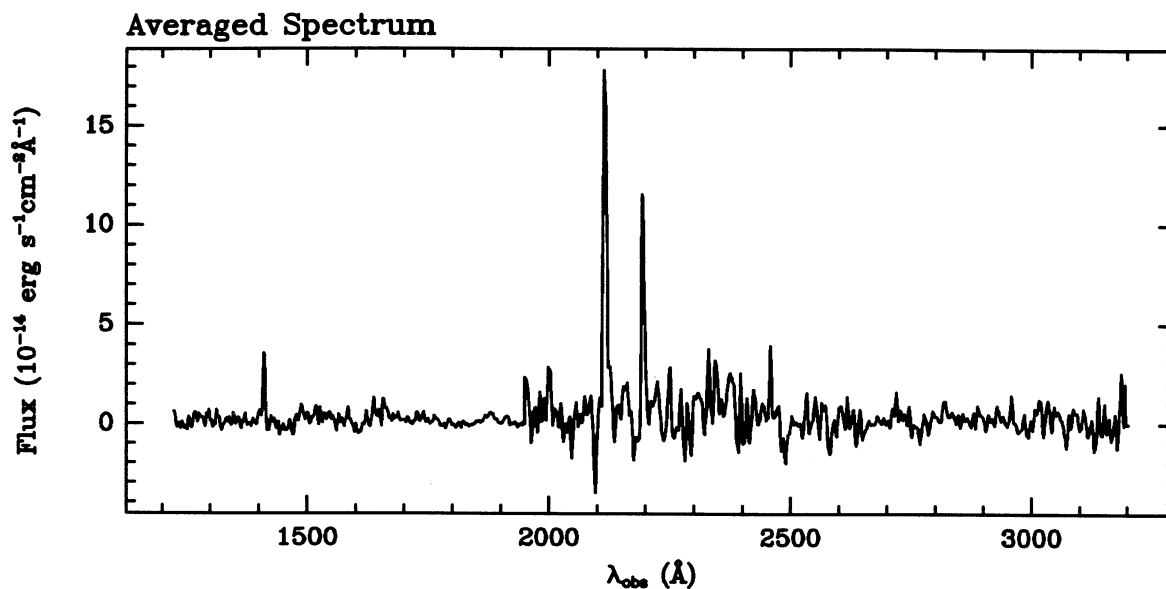
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	SWP	13529	L	44682.0	18 Mar 81	2700.0	173	178.31	10.77			301
2	LWR	13568	L	45149.0	28 Jun 82	2280.0	183	194.41		8.83		304
3	SWP	17323	L	45151.0	30 Jun 82	2400.0	180	191.25	19.27			302

References

- 167 • 271 • 311 • 401 • 445 • 571 • 581 • 593
- 717 • 805 • 831 • 836 • 850

MRK 1261

Right Ascension	:	10h 41m 19.20s
Declination	:	- 1° 01' 53.0"
Object Type	:	HII Galaxy
ULDA Type	:	84
Redshift	:	0.026
Alternative Names	:	UGC 5849, MCG+00-28-0003

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2257 Å	CEB	Flag
1	LWR 6064 L	44187.0	9 Nov 79	1804.0						116
2	SWP 7121 L	44187.0	9 Nov 79	12000.0			0.24	0.12		116

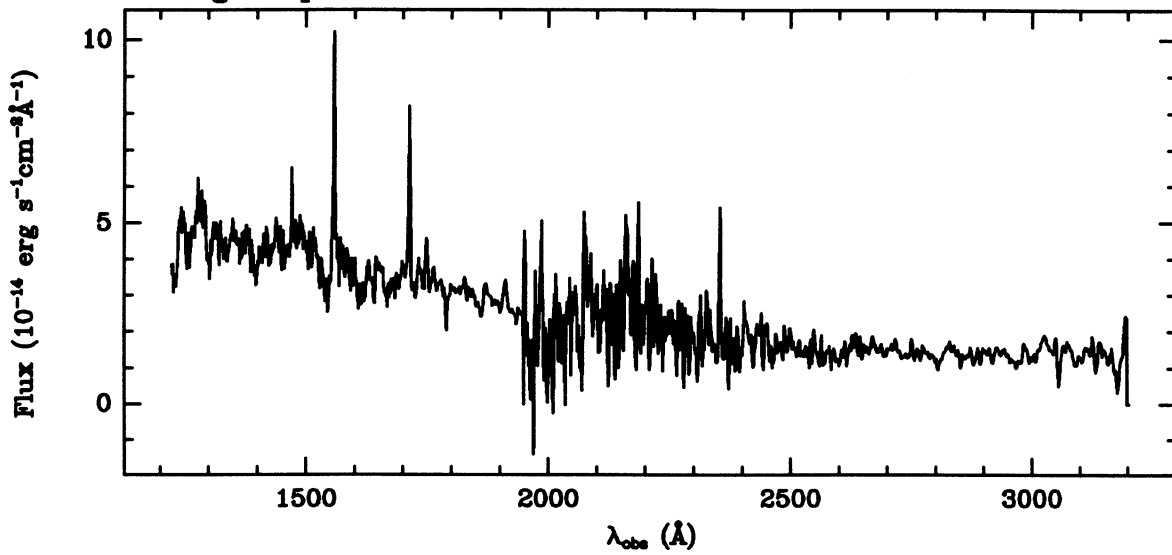
References

- 84

NGC 3353

Right Ascension	: 10h 42m 15.90s
Declination	: 56° 13' 27.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.003
Alternative Names	: UGC 5860, MCG+09-18-0022, MRK 35
	: IRAS 10422+5613, HARO 3

Averaged Spectrum



Observed Spectra

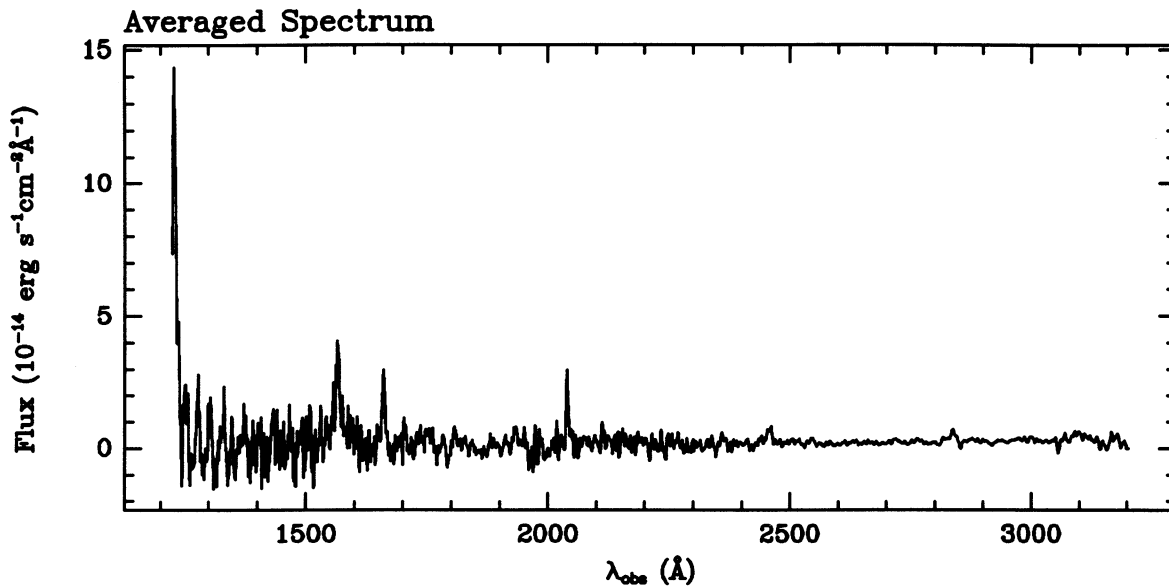
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	SWP 10483 L	44539.0	26 Oct 80	14400.0	51	52.23	4.56		336	
2	LWP 10112 L	46839.0	12 Feb 87	7200.0	48	65.89		2.51	304	D

References

- 559 • 576 • 593 • 713 • 836 • 942

NGC 3393

Right Ascension	: 10h 46m 00.00s
Declination	: -24° 53' 48.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.012
Alternative Names	: ESO 501- 100, MCG-04-26-0011
	: EQ 1046-248, IRAS 10459-2453



Observed Spectra

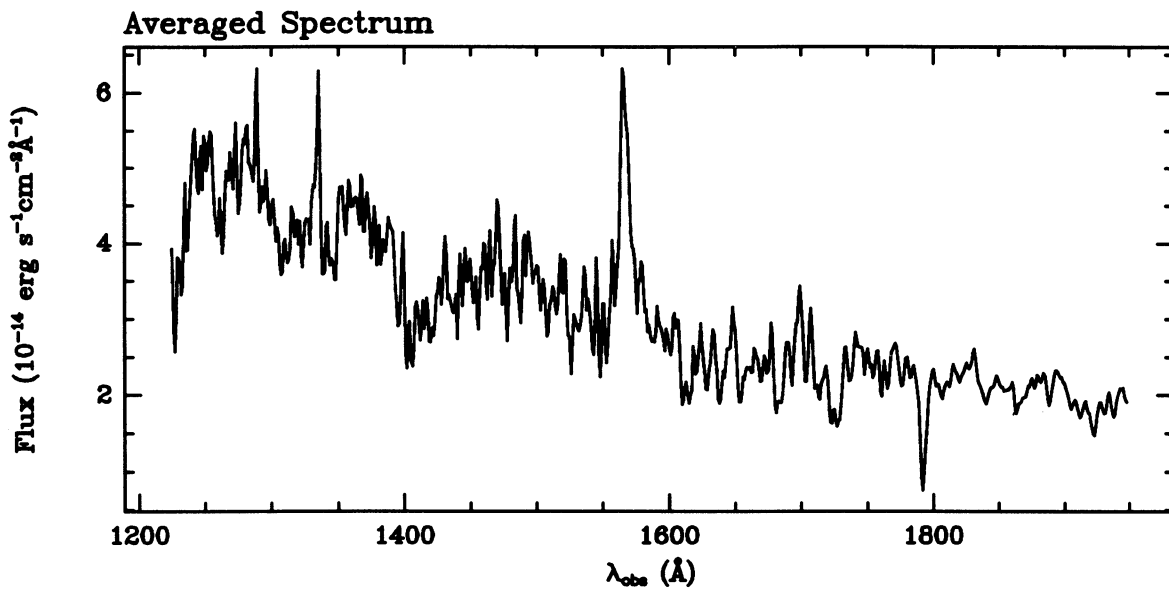
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1265 Å	2226 Å	CEB	Flag
1	SWP	15761	L	44954.0	15 Dec 81	968.0	52	54.45	0.55		120	
2	SWP	20148	L	45490.0	4 Jun 83	24000.0	64	70.17	0.44		356	
3	LWP	7602	L	46462.0	31 Jan 86	21660.0	44	55.64		0.13	336	D

References

• 475 • 479 • 490 • 493 • 649 • 788 • 890

MRK 153

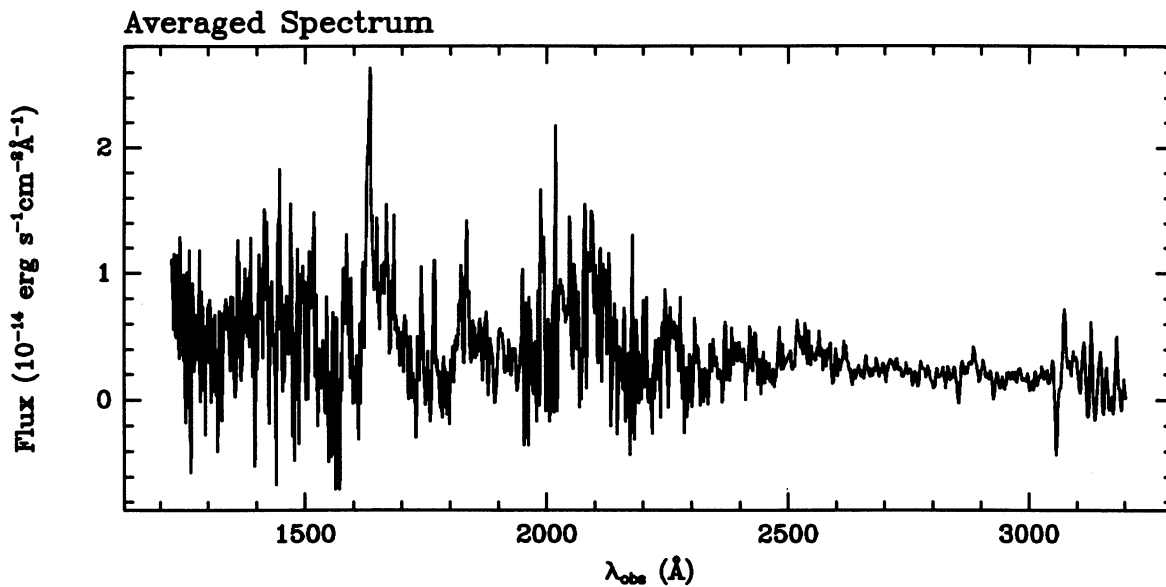
Right Ascension	:	10h 46m 03.80s
Declination	:	52° 35' 50.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.008
Alternative Names	:	MCG+09-18-0032, UGCA 219

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1260 \AA	2217 \AA	CEB	Flag
1	SWP	17314	L	45150.0	29 Jun 82	20700.0			4.87		309	

PG 1048-090

Right Ascension	: 10h 48m 59.40s
Declination	: - 9° 02' 13.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.345
Alternative Names	: PKS 1048-090, 3C 246, NRAO 359
	: OL 082, QSO 1048-090

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1681 Å	2959 Å	CEB	Flag
1	LWP 8345 L	46589.0	7 Jun 86	9900.0						304
2	SWP 30193 L	46825.0	29 Jan 87	6300.0			0.75	0.17		333

X-Ray Spectra

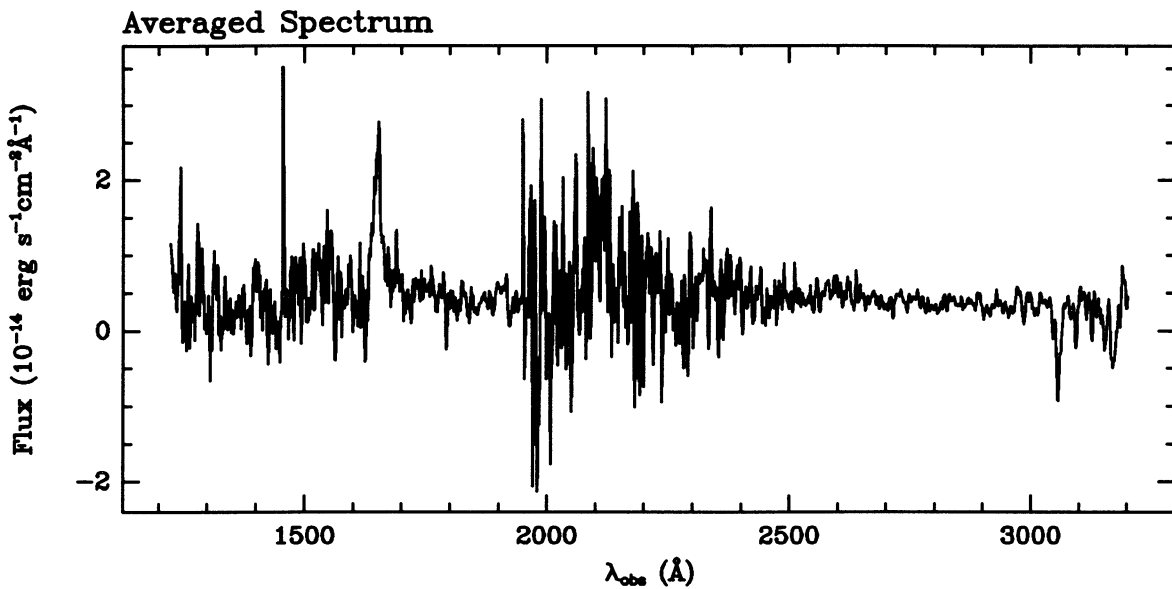
EINSTEIN • 1189
EXOSAT • 1258

References

• 302 • 315 • 354 • 504 • 590 • 603 • 801 • 832
• 842

PG 1049-005

Right Ascension	:	10h 49m 18.00s
Declination	:	- 0° 35' 20.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.357
Alternative Names	:	QSO 1049-005



Observed Spectra

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1696 Å	2985 Å	CEB	Flag
1	SWP	29704	L	46752.0	17 Nov 86	8640.0			0.58		233	
2	LWP	12333	L	47150.0	20 Dec 87	7200.0				0.36	307	

X-Ray Spectra

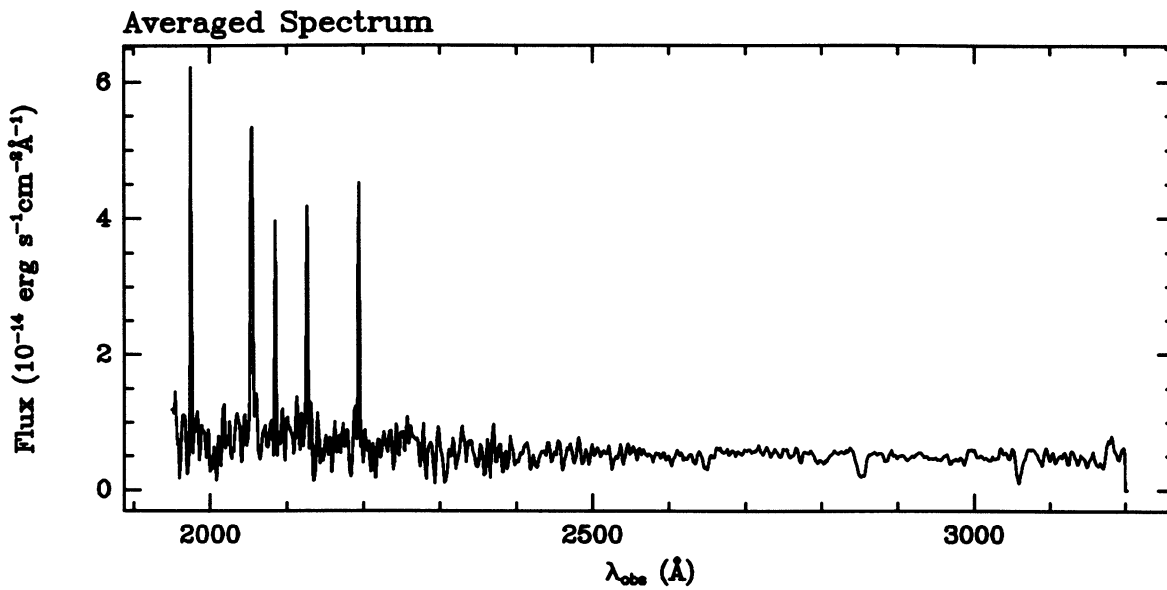
- EINSTEIN • 290 • 938
- EXOSAT • 506 • 1277 • 1950

References

- 603 • 801 • 832 • 842

MRK 1267

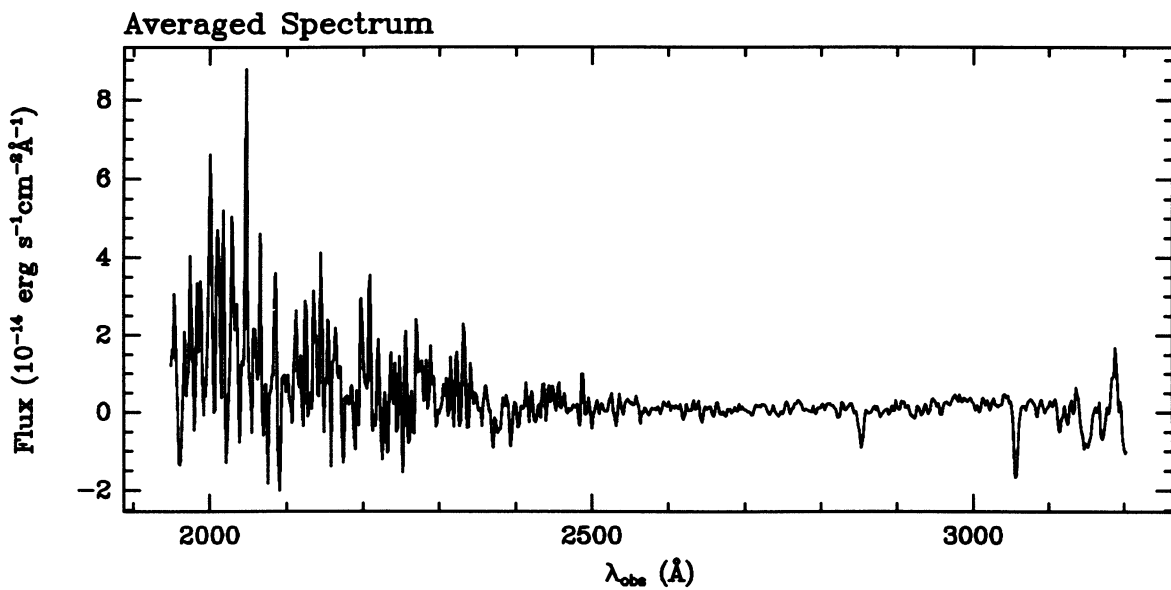
Right Ascension	:	10h 50m 28.50s
Declination	:	4° 53' 52.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.019
Alternative Names	:	UGC 6003, MCG+01-28-0018

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	LWP 1769 L	45348.0	13 Jan 83	19980.0					0.73	405 D

QSO 1058+110

Right Ascension	:	10h 58m 10.80s
Declination	:	11° 02' 19.4"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.420
Alternative Names	:	4C 10.30, OL 196



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1775 Å	3000 Å	CEB	Flag
1	LWP 12505 L	47177.0	16 Jan 88	16020.0				0.26	09	

X-Ray Spectra

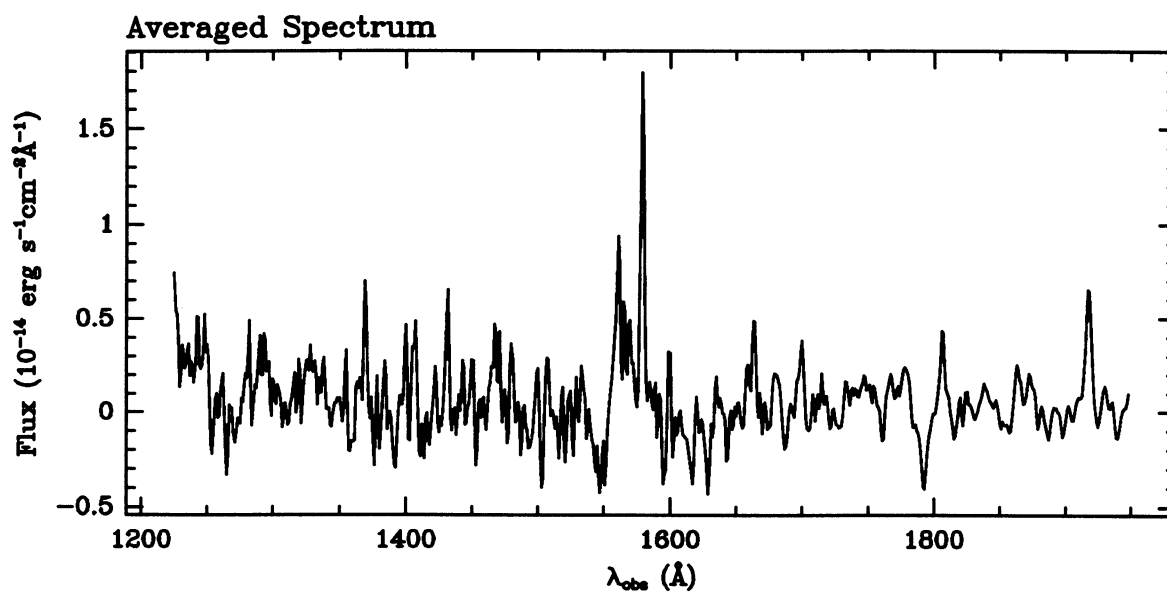
EINSTEIN • 249 • 588

References

• 302 • 354 • 488 • 504 • 590 • 603 • 786

QSO 1059+730

Right Ascension	:	10h 59m 08.40s
Declination	:	73° 02' 54.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.089
Alternative Names	:	1E 1059+73.0



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1361 \AA	2395 \AA	CEB	Flag
1	SWP 20120 L	45487.0	1 Jun 83	16500.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	0.07	203	

X-Ray Spectra

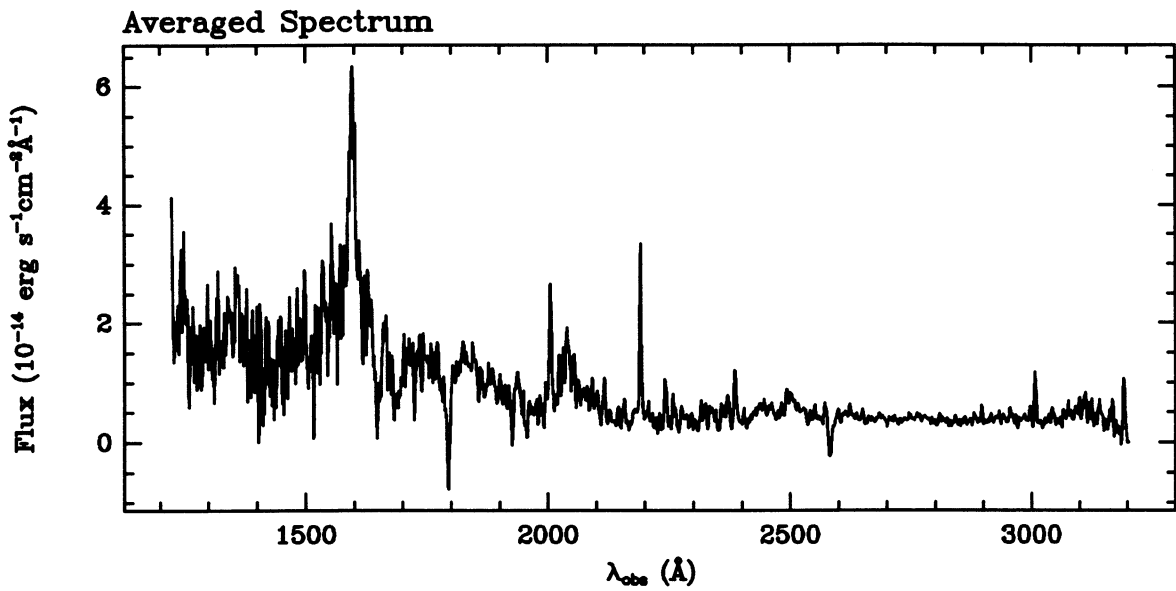
EINSTEIN	• 215	• 490	• 554	• 555
	• 562			
EXOSAT	• 1891	• 1896	• 1923	• 1941

References

• 400 • 402 • 729 • 730 • 817

QSO 1100+772

Right Ascension	: 11h 00m 27.44s
Declination	: 77° 15' 08.2"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.311
Alternative Names	: 3C 249.1, 4C 77.09
	: NRAO 363, PG 1100+772



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1638 Å	2884 Å	CEB	Flag
1	SWP 1903 L	43692.0	2 Jul 78	19800.0			1.45			
2	LWR 1776 L	43694.0	4 Jul 78	21600.0				0.38		
3	SWP 23127 L	45850.0	29 May 84	2100.0			1.03			306
4	SWP 23144 L	45853.0	1 Jun 84	24360.0			1.93			348
5	SWP 23149 L	45854.0	2 Jun 84	25800.0			1.95			346

X-Ray Spectra

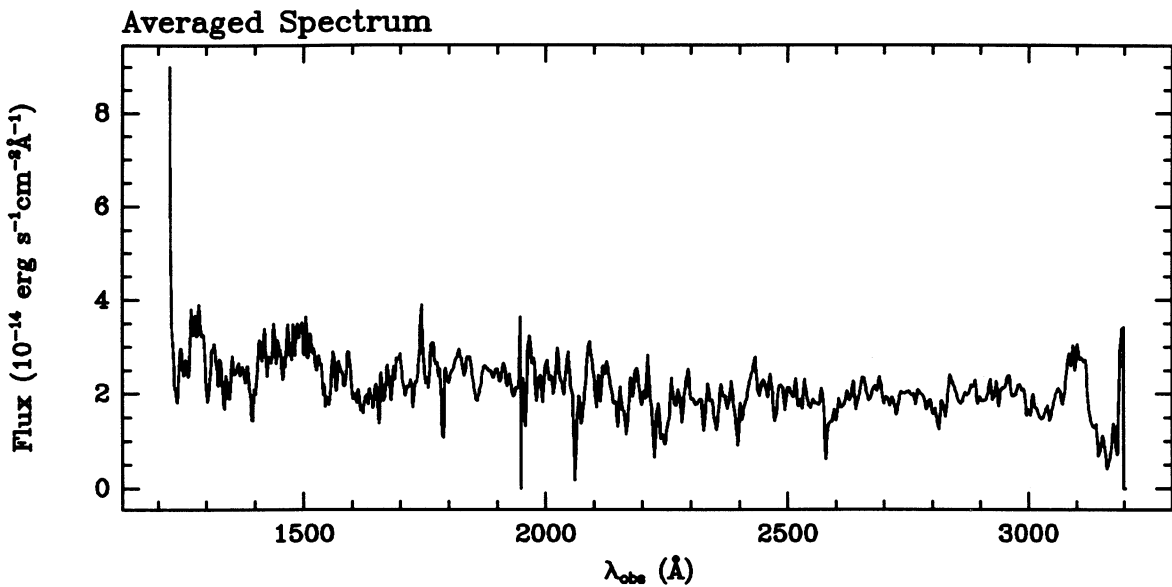
- EINSTEIN • 214
- EXOSAT • 1318

References

- 9
- 14
- 94
- 302
- 320
- 423
- 467
- 504
- 590
- 598
- 603
- 621
- 729
- 730
- 741
- 776
- 801
- 804
- 823
- 826
- 830
- 832
- 842
- 887
- 930

NGC 3504

Right Ascension	:	11h 00m 28.50s
Declination	:	28° 14' 31.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.005
Alternative Names	:	UGC 6118, MCG+05-26-0039



Observed Spectra

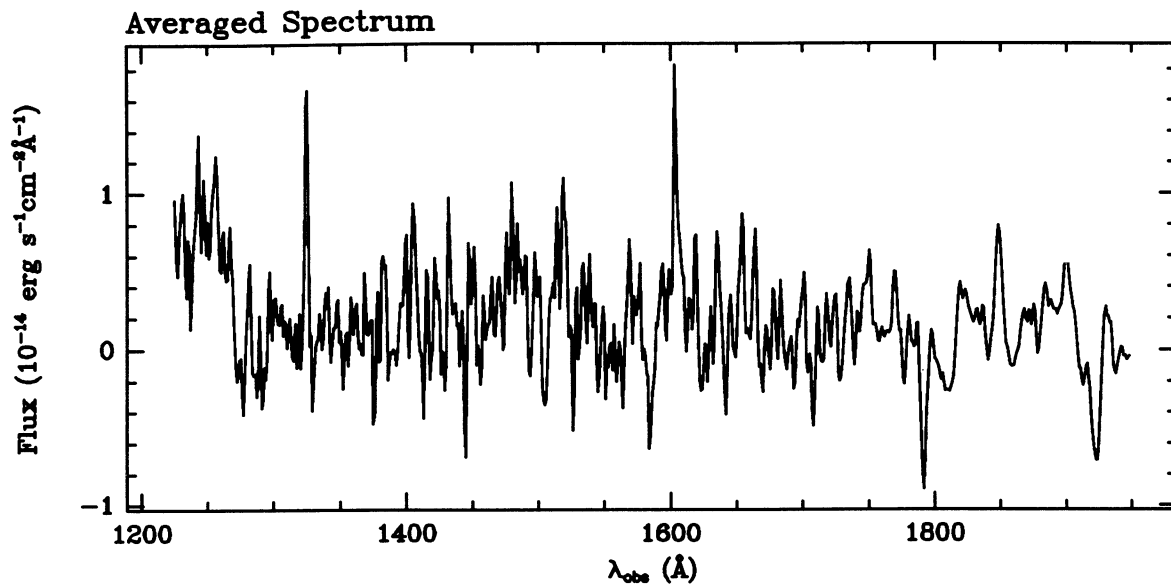
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	LWR 4906 L	44053.0	28 Jun 79	12000.0	121	122.39	10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹		507	
2	SWP 5661 L	44053.0	28 Jun 79	19200.0	120	121.38	2.74	1.88	405	

References

- 136 • 581 • 593 • 831 • 836 • 942

AOO X 1101 -232

Right Ascension	:	11h 00m 36.00s
Declination	:	-23° 02' 30.0"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.186
Alternative Names	:	EQ 1101-232

**Observed Spectra**

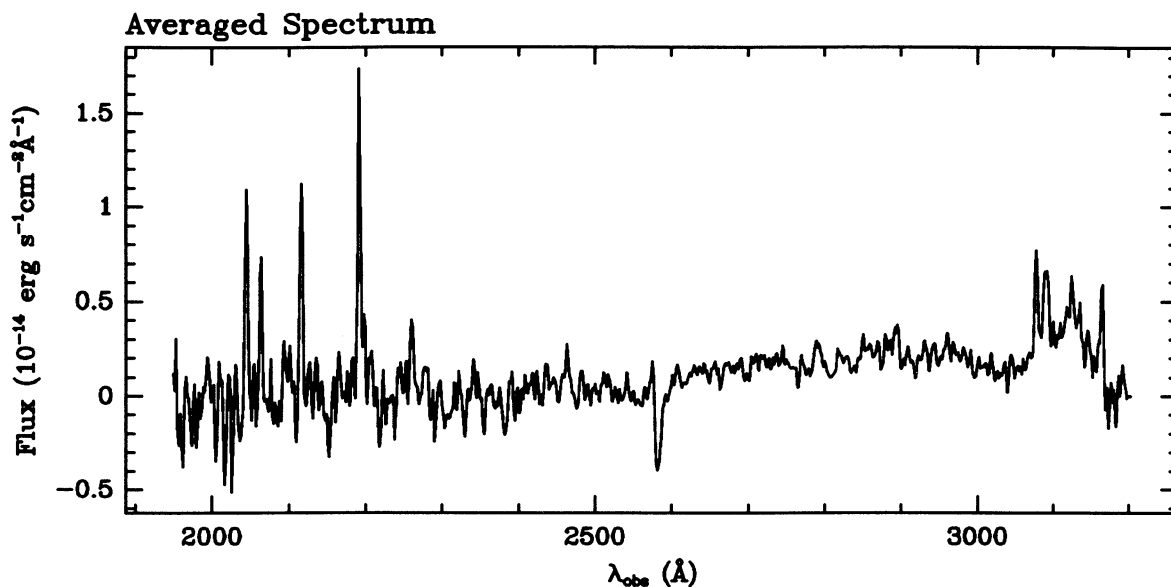
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1482 Å	2609 Å	CEB	Flag
1	SWP 30473 L	46864.0	9 Mar 87	19800.0			10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$	0.29		209

X-Ray Spectra

EINSTEIN • 636

PG 1101-264

Right Ascension	: 11h 01m 00.00s
Declination	: -26° 29' 08.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 2.148
Alternative Names	: QSO 1101-264



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR	2982	L	43832.0	19 Nov 78	23160.0				0.18		30
2	LWR	3974	L	43943.0	10 Mar 79	24300.0				0.16		20

X-Ray Spectra

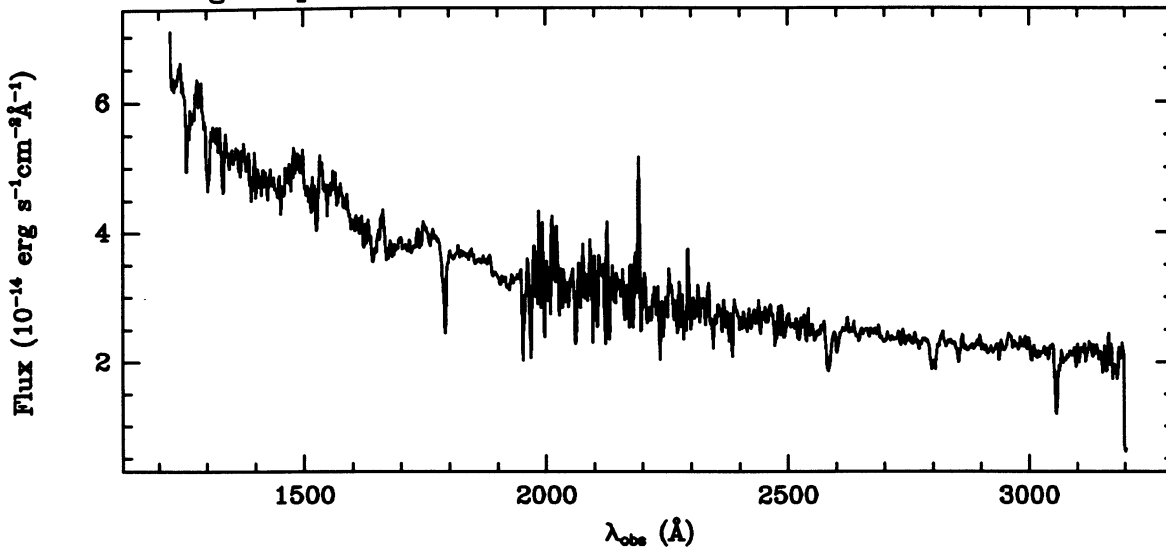
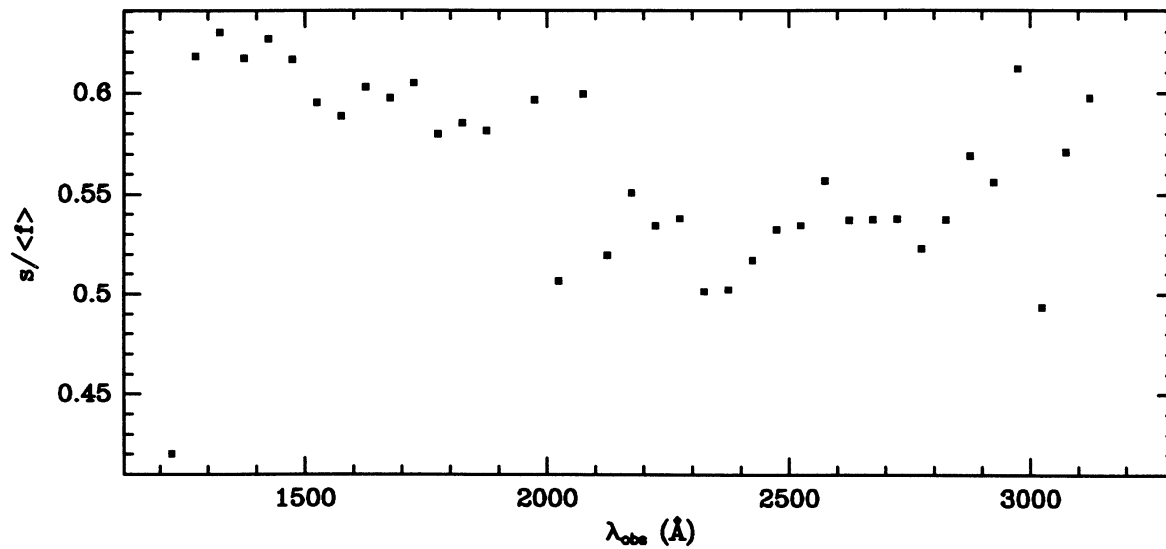
EINSTEIN • 955 • 956

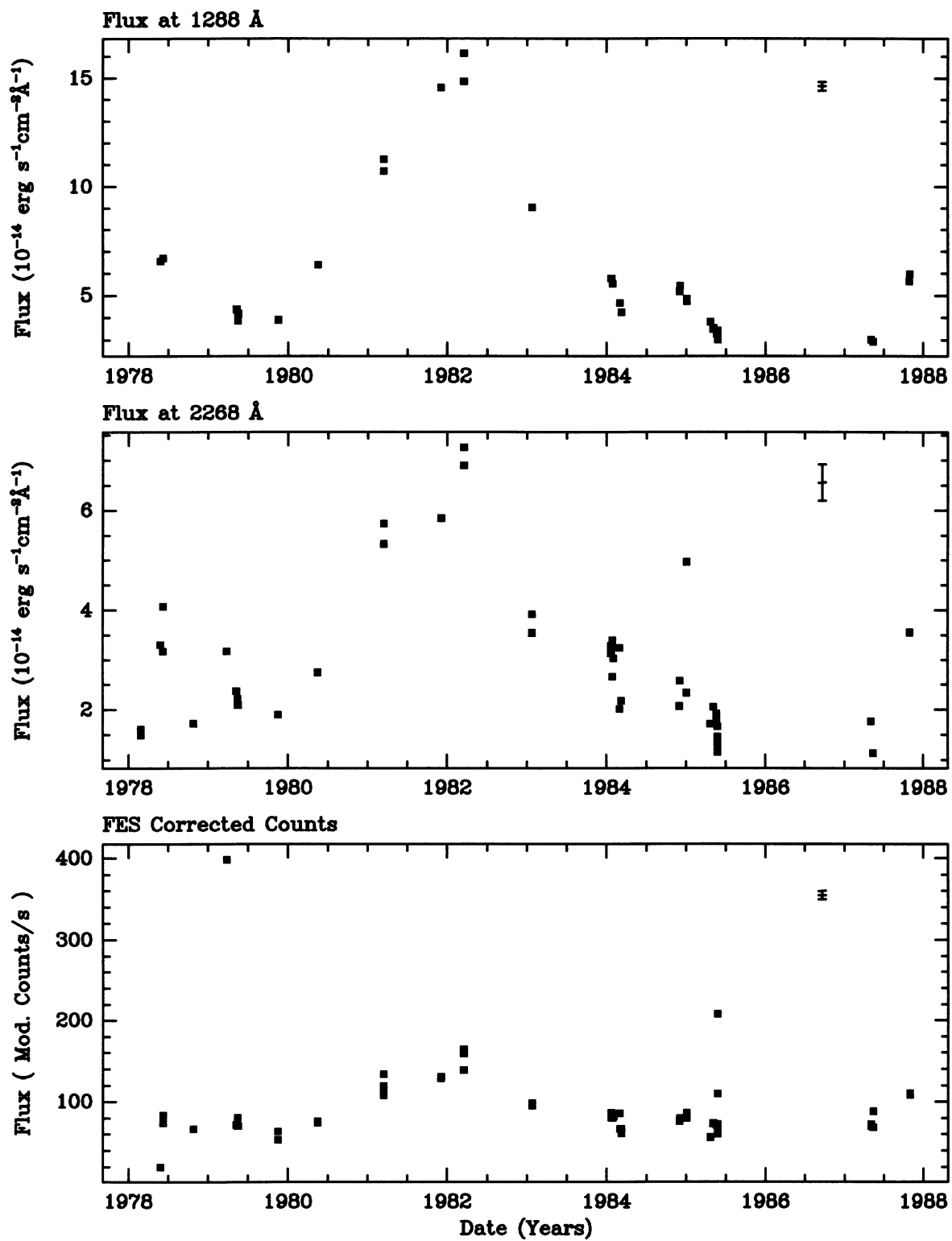
References

- 87 • 244 • 265 • 298 • 353 • 388 • 390 • 543
- 583 • 587 • 591 • 613 • 687 • 766 • 858 • 895

MRK 421

Right Ascension	: 11h 01m 40.30s
Declination	: 38° 28' 34.0"
Object Type	: BL Lac HP
ULDA Type	: 85,87
Redshift	: 0.031
Alternative Names	: UGC 6132, OM 303, 3A 1102+385
	: QSO 1101+384, PKS 1101+384

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	1028	L	43568.0	28 Feb 78	10800.0				1.49		
2	LWR	1029	L	43568.0	28 Feb 78	10800.0				1.61		
3	LWR	1573	L	43657.0	28 May 78	3600.0				3.31		
4	SWP	1656	L	43657.0	28 May 78	4800.0	20	20.24	6.57			
5	LWR	1646	L	43670.0	10 Jun 78	5400.0	74	74.87		3.18		
6	LWR	1647	L	43670.0	10 Jun 78	3600.0	83	83.97		4.08		
7	SWP	1756	L	43670.0	10 Jun 78	10800.0	79	79.93	6.72			
8	LWR	2745	L	43810.0	28 Oct 78	25200.0	66	66.70		1.73		
9	SWP	3181	L	43810.0	28 Oct 78	16200.0						
10	LWR	4133	L	43961.0	28 Mar 79	12600.0	394	398.22		3.17	70	
11	LWR	4491	L	44004.0	10 May 79	9000.0					03	
12	LWR	4492	L	44004.0	10 May 79	5400.0				2.38	402	
13	SWP	5189	L	44004.0	10 May 79	12600.0	71	71.78	4.38		404	
14	LWR	4527	L	44010.0	16 May 79	7200.0				2.22	40	
15	SWP	5245	L	44010.0	16 May 79	6000.0	80	80.88	4.12		30	
16	SWP	5246	L	44010.0	16 May 79	11580.0	80	80.88	3.88		30	
17	LWR	4530	L	44011.0	17 May 79	8400.0	70	70.77		2.10	50	
18	SWP	5262	L	44011.0	17 May 79	16560.0	70	70.77	4.19		40	
19	SWP	7164	L	44194.0	16 Nov 79	12600.0	63	63.86	3.91		403	
20	LWR	6164	L	44195.0	17 Nov 79	6000.0	53	53.72		1.91	403	
21	LWR	7779	L	44377.0	17 May 80	5400.0	73	74.33		2.75	402	
22	SWP	9025	L	44377.0	17 May 80	12600.0	75	76.37	6.41		404	
23	LWR	10153	L	44680.0	16 Mar 81	3600.0	105	108.21		5.33	402	
24	LWR	10154	L	44680.0	16 Mar 81	3600.0	116	119.55		5.73	402	
25	SWP	13514	L	44680.0	16 Mar 81	8400.0	109	112.33	10.74		502	
26	SWP	13515	L	44680.0	16 Mar 81	8400.0	130	133.98	11.29		403	
27	SWP	15640	L	44942.0	3 Dec 81	10200.0	123	128.70	14.59		503	
28	LWR	12078	L	44943.0	4 Dec 81	4200.0	125	130.79		5.85	502	
29	LWR	12803	L	45047.0	18 Mar 82	4200.0				6.90	x02	
30	LWR	12804	L	45047.0	18 Mar 82	3000.0	151	159.16		7.26	502	
31	SWP	16565	L	45047.0	18 Mar 82	9000.0	132	139.13	16.15		x02	
32	SWP	16566	L	45047.0	18 Mar 82	4800.0	156	164.43	14.86		401	
33	LWR	15117	L	45361.0	26 Jan 83	5400.0	91	98.50		3.92	502	
34	LWR	15118	L	45361.0	26 Jan 83	4500.0				3.55	x08	
35	SWP	19088	L	45361.0	26 Jan 83	9000.0	88	95.25	9.05		405	
36	LWP	2699	L	45723.0	23 Jan 84	4500.0	72	81.08		3.29	403	D
37	LWP	2700	L	45723.0	23 Jan 84	6000.0	77	86.71		3.13	405	D
38	SWP	22082	L	45723.0	23 Jan 84	12600.0	74	83.33	5.78		404	
39	LWP	2711	L	45728.0	28 Jan 84	4800.0	72	81.13		2.66	403	D
40	LWP	2712	L	45728.0	28 Jan 84	1980.0	71	80.01		3.40	303	D
41	SWP	22128	L	45728.0	28 Jan 84	12600.0	71	80.00	5.54		402	
42	LWP	2732	L	45733.0	2 Feb 84	5400.0	73	82.31		3.03	408	D
43	LWP	2881	L	45763.0	3 Mar 84	4800.0	59	66.77		2.02	403	
44	LWP	2882	L	45763.0	3 Mar 84	3600.0	76	86.02		3.25	307	
45	SWP	22398	L	45763.0	3 Mar 84	14400.0	59	66.77	4.67		404	
46	LWP	2915	L	45769.0	9 Mar 84	5700.0	54	61.16		2.18	403	
47	SWP	22445	L	45769.0	9 Mar 84	15600.0	59	66.82	4.25		404	
48	LWP	4917	L	46038.0	3 Dec 84	1800.0	66	77.60		2.07	302	
49	SWP	24605	L	46038.0	3 Dec 84	12600.0	66	77.60	5.22		403	
50	SWP	24606	L	46038.0	3 Dec 84	9420.0	65	76.43	5.20		403	
51	LWP	4923	L	46040.0	5 Dec 84	4800.0	68	79.98		2.58	403	
52	SWP	24616	L	46040.0	5 Dec 84	13800.0	68	79.98	5.45		405	
53	LWP	5139	L	46070.0	4 Jan 85	2400.0	71	83.89		2.34	303	
54	LWP	5140	L	46070.0	4 Jan 85	2400.0	73	86.25		4.97	307	D
55	SWP	24831	L	46070.0	4 Jan 85	12000.0	68	80.34	4.75		404	
56	SWP	24832	L	46070.0	4 Jan 85	7200.0	71	83.89	4.86		306	
57	LWP	5790	L	46178.0	22 Apr 85	5400.0	47	56.49		1.72	404	
58	SWP	25765	L	46178.0	22 Apr 85	12000.0	47	56.49	3.83		302	
59	SWP	25878	L	46192.0	6 May 85	12000.0	61	73.49	3.50		302	
60	LWP	5926	L	46193.0	7 May 85	5400.0	61	73.50		2.05	404	
61	SWP	25879	L	46193.0	7 May 85	6660.0	61	73.50	3.55		301	
62	LWP	6027	L	46207.0	21 May 85	5400.0	59	71.26		1.92	402	
63	LWP	6028	L	46208.0	22 May 85	6720.0	59	71.27		1.77	501	
64	SWP	25991	L	46208.0	22 May 85	12000.0	59	71.26	3.31		301	
65	LWP	6059	L	46212.0	26 May 85	1800.0	52	62.85		1.67	302	
66	LWP	6060	L	46212.0	26 May 85	1800.0	54	65.27		1.16	302	

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
67	LWP 6061	L	46212.0	26 May 85	1800.0	56	67.69		1.46	302
68	LWP 6062	L	46212.0	26 May 85	1800.0	172	207.91		1.31	302
69	SWP 26012	L	46212.0	26 May 85	1800.0	51	61.64	3.03		200
70	SWP 26013	L	46212.0	26 May 85	2700.0	50	60.44	3.12		301
71	SWP 26014	L	46212.0	26 May 85	2700.0	52	62.85	3.03		301
72	SWP 26015	L	46212.0	26 May 85	2700.0	60	72.53	3.17		301
73	SWP 26016	L	46212.0	26 May 85	2700.0	91	110.00	3.42		301
74	LWP 10696	L	46921.0	5 May 87	5400.0	52	72.84		1.77	403
75	SWP 30916	L	46921.0	5 May 87	7200.0	50	70.04	3.04		301
76	LWP 10764	L	46930.0	14 May 87	3720.0	49	68.80		1.14	303
77	SWP 30973	L	46930.0	14 May 87	7200.0	63	88.46	2.94		332
78	SWP 32191	L	47098.0	29 Oct 87	10800.0			5.66		305
79	LWP 11992	L	47101.0	1 Nov 87	6600.0	74	108.79		3.56	501
80	SWP 32209	L	47101.0	1 Nov 87	9600.0	75	110.26	5.98		403

X-Ray Spectra

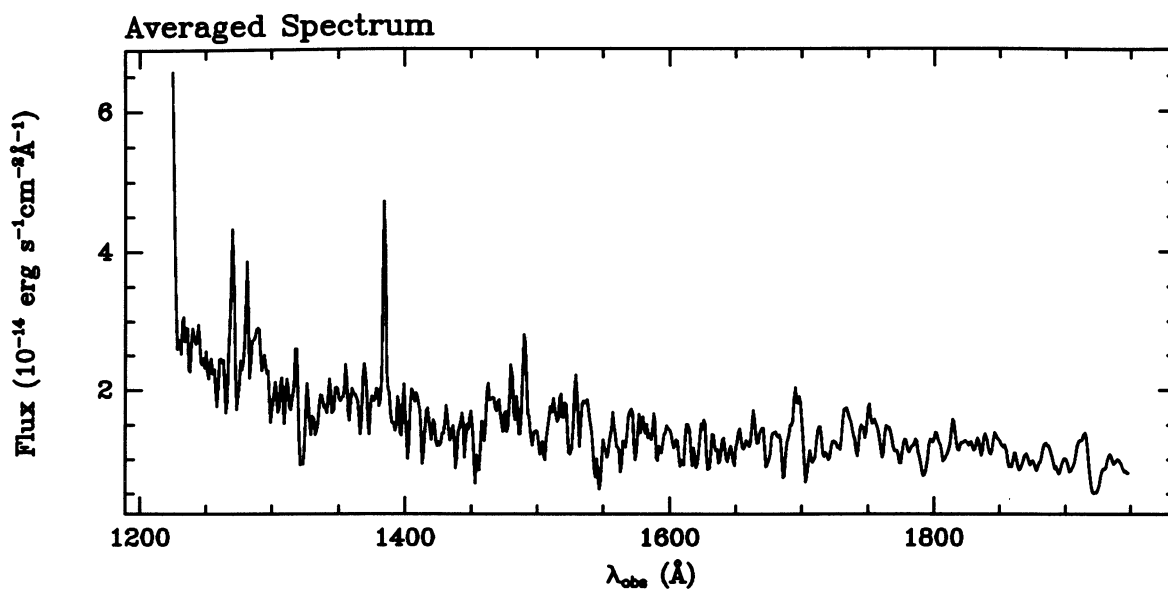
EINSTEIN	• 14	• 19	• 233	• 274
	• 563	• 592	• 809	• 819
EXOSAT	• 536	• 539	• 545	• 551
	• 1256	• 1260	• 1263	• 1328
	• 1526	• 1541	• 1557	• 1573
	• 1574	• 1591		

References

• 35	• 54	• 55	• 73	• 110	• 138	• 148	• 218
• 238	• 256	• 257	• 279	• 292	• 464	• 526	• 531
• 596	• 606	• 715	• 749	• 750	• 759	• 776	• 784
• 812							

MRK 36

Right Ascension	:	11h 02m 15.60s
Declination	:	29° 24' 34.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	MCG+05-26-0046, PG 1102+294
	:	CASG 82, UGCA 225

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag
1	SWP 13530 L	44682.0	18 Mar 81	19080.0			10^{-14} erg s^{-1} cm $^{-2}$ Å $^{-1}$	2.51		305

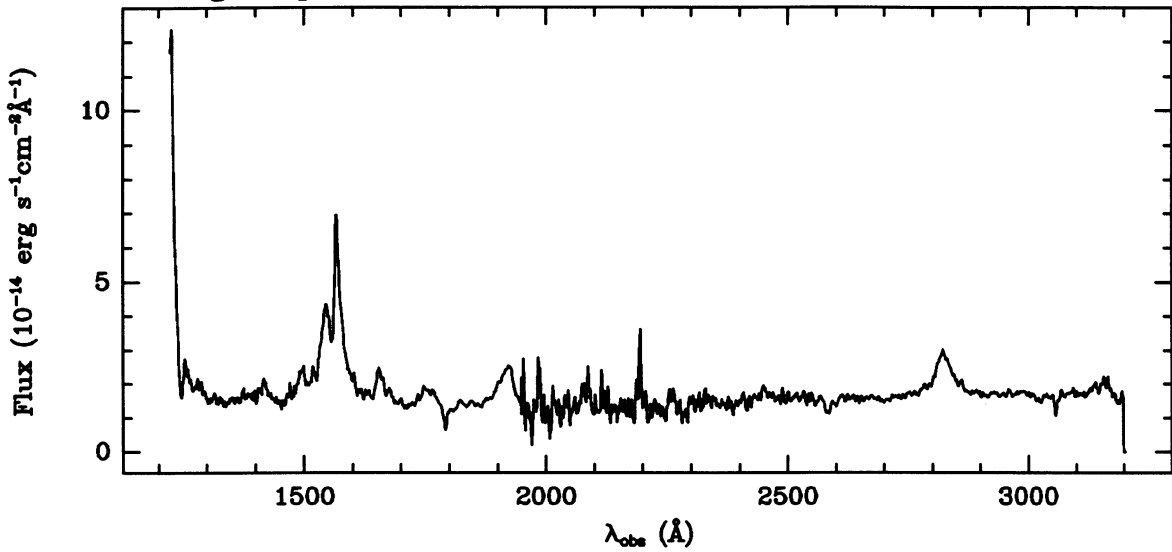
References

- 97 • 274 • 314 • 648

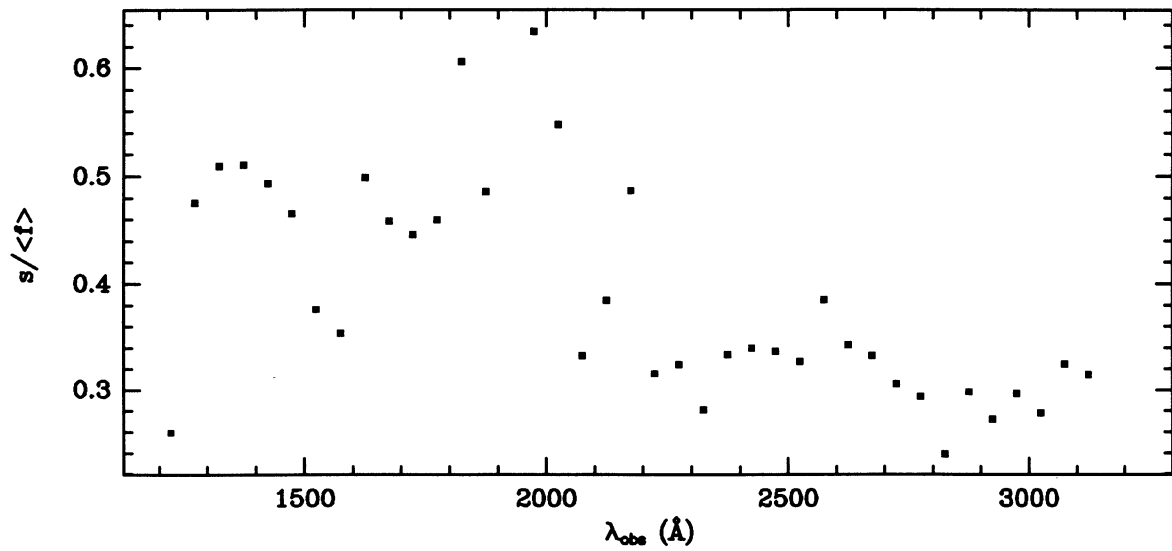
NGC 3516

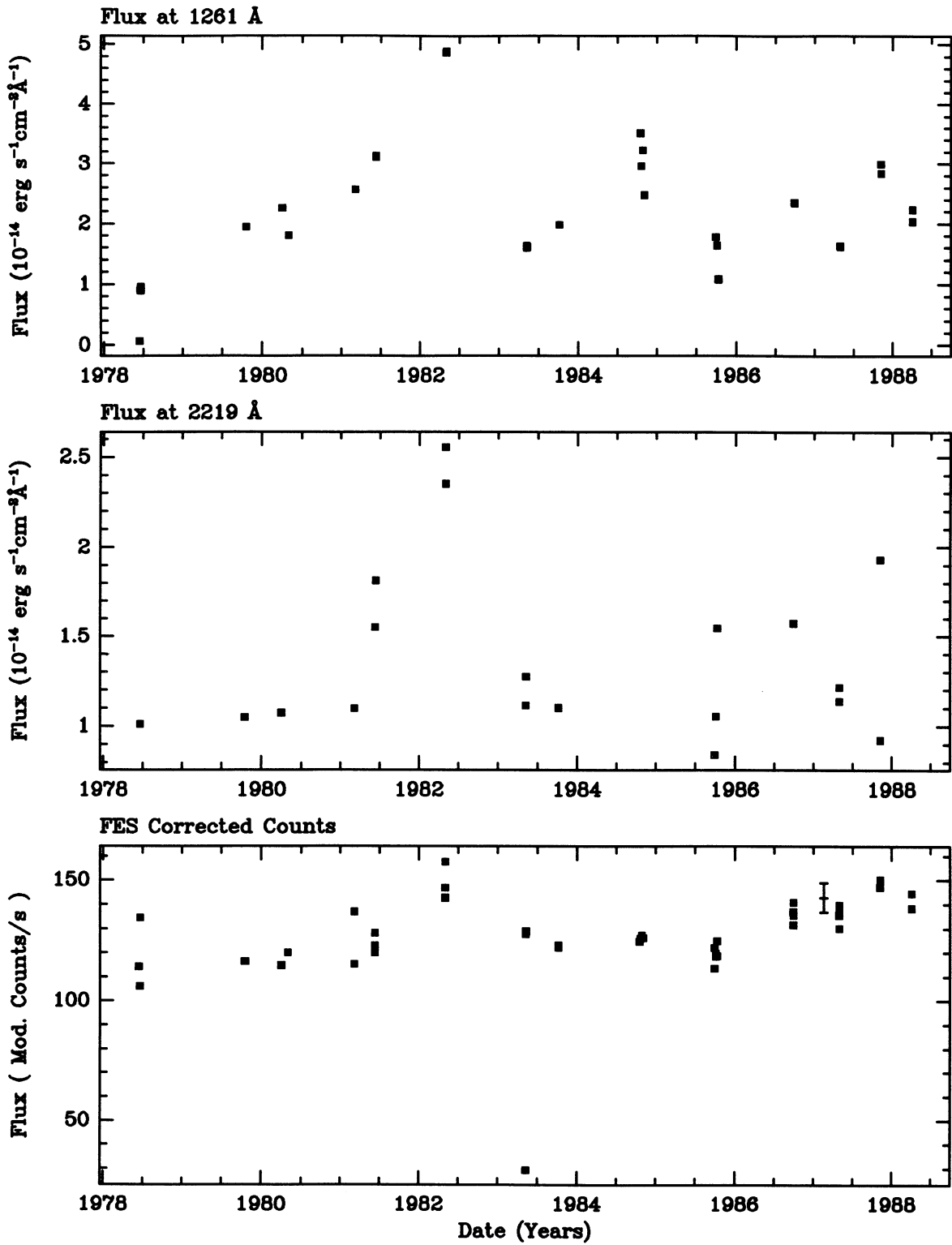
Right Ascension	: 11h 03m 18.11s
Declination	: 72° 49' 00.7"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.009
Alternative Names	: UGC 6153, MCG+12-11-0009, IRAS 11033+7250
	: 1E 1103.4+7250, EQ 1103+728

Averaged Spectrum



Standard Deviation





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1261 Å	2210 Å	CEB	Flag
						cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$				
1	LWR	1669	S	43674.0	14 Jun 78	7200.0						
2	SWP	1786	S	43675.0	15 Jun 78	14400.0						
3	SWP	1786	L	43675.0	15 Jun 78	14400.0	113	114.32	0.06			D
4	SWP	1821	L	43680.0	20 Jun 78	18000.0	105	106.22	0.90			
5	LWR	1703	L	43681.0	21 Jun 78	3000.0				1.01		
6	SWP	1840	L	43682.0	22 Jun 78	23400.0	133	134.54	0.95			
7	LWR	5861	L	44164.0	17 Oct 79	4499.0	115	116.50		1.05		342
8	SWP	6921	L	44167.0	20 Oct 79	5999.0	115	116.51	1.95			331
9	LWR	7378	L	44332.0	2 Apr 80	8400.0				1.07		353
10	SWP	8633	L	44332.0	2 Apr 80	14400.0	113	114.91	2.26			443
11	SWP	8883	L	44361.0	1 May 80	1800.0	118	120.09	1.80			231
12	LWR	10089	L	44671.0	7 Mar 81	8100.0	112	115.37		1.10		454
13	SWP	13425	L	44671.0	7 Mar 81	14400.0	133	137.00	2.57			352
14	SWP	14241	L	44767.0	11 Jun 81	16800.0	119	123.19	3.11			452
15	LWR	10834	L	44768.0	12 Jun 81	7320.0	116	120.09		1.55		552
16	SWP	14243	L	44768.0	12 Jun 81	16800.0	124	128.38	3.13			452
17	LWR	10840	L	44769.0	13 Jun 81	6300.0				1.82		
18	LWR	13135	L	45092.0	2 May 82	6840.0	135	142.77		2.55		454
19	SWP	16882	L	45092.0	2 May 82	15000.0	139	147.00	4.87			452
20	LWR	13159	L	45094.0	4 May 82	7200.0				2.35		554
21	SWP	16888	L	45094.0	4 May 82	15600.0	149	157.60	4.90			452
22	LWR	15897	L	45464.0	9 May 83	8640.0	117	127.93		1.12		354
23	SWP	19940	L	45464.0	9 May 83	15600.0	118	129.03	1.60			342
24	SWP	19948	L	45465.0	10 May 83	18360.0	118	129.04	1.63			352
25	LWR	15905	L	45466.0	11 May 83	8400.0	27	29.53		1.27		354
26	SWP	19957	L	45466.0	11 May 83	15600.0	118	129.05	1.62			342
27	LWP	2019	L	45616.0	8 Oct 83	9180.0	110	122.29		1.10		564 D
28	SWP	21257	L	45616.0	8 Oct 83	15600.0	111	123.40	1.98			342
29	SWP	24192	L	45991.0	17 Oct 84	12000.0	107	124.91	3.51			352
30	SWP	24253	L	45995.0	21 Oct 84	12180.0	108	126.16	2.96			343
31	SWP	24344	L	46003.0	29 Oct 84	10800.0	109	127.47	3.23			342
32	SWP	24391	L	46010.0	5 Nov 84	12000.0	108	126.44	2.48			342
33	LWP	6831	L	46339.0	30 Sep 85	7200.0	99	122.34		0.84		354 D
34	SWP	26811	L	46339.0	30 Sep 85	15600.0	92	113.69	1.78			333
35	LWP	6858	L	46344.0	5 Oct 85	7200.0	97	119.97		1.06		351 D
36	SWP	26872	L	46344.0	5 Oct 85	15900.0	96	118.74	1.64			342
37	LWP	6897	L	46351.0	12 Oct 85	7200.0	96	118.89		1.55		454 D
38	SWP	26923	L	46351.0	12 Oct 85	28200.0	101	125.08	1.08			343
39	LWP	9213	L	46703.0	29 Sep 86	7200.0	99	131.65		1.57		552 D
40	SWP	29334	L	46703.0	29 Sep 86	17700.0	103	136.97	2.37			452
41	LWP	9215	L	46704.0	30 Sep 86	4620.0	106	140.99		1.57		D
42	SWP	29340	L	46704.0	30 Sep 86	17400.0	102	135.67	2.35			453
43	SWP	30886	L	46916.0	30 Apr 87	18900.0	97	135.69	1.64			352
44	LWP	10671	L	46917.0	1 May 87	6300.0	100	139.93		1.14		352 D
45	LWP	10678	L	46918.0	2 May 87	5640.0	98	137.16		1.21		343 D
46	SWP	30891	L	46918.0	2 May 87	17400.0	93	130.16	1.63			343
47	LWP	12042	L	47108.0	8 Nov 87	5100.0	100	147.26		1.93		452 D
48	SWP	32273	L	47108.0	8 Nov 87	15300.0	100	147.26	3.00			352
49	LWP	12049	L	47109.0	9 Nov 87	2880.0	102	150.25		0.92		331 D
50	SWP	32280	L	47109.0	9 Nov 87	10080.0	102	150.25	2.84			341
51	SWP	33199	L	47255.0	3 Apr 88	13800.0	94	144.57	2.04			341
52	SWP	33203	L	47256.0	4 Apr 88	13800.0	94	144.61	2.24			341
53	SWP	33204	L	47256.0	4 Apr 88	9300.0	90	138.46	2.05			330

X-Ray Spectra

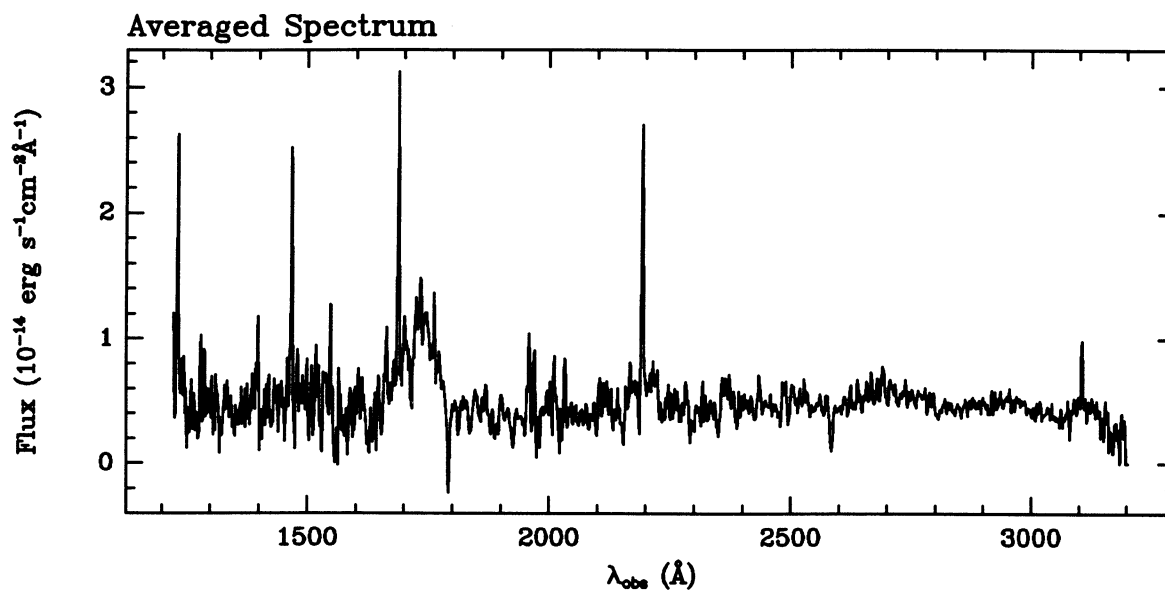
- | | | | | |
|----------|--------|--------|--------|--------|
| EINSTEIN | • 213 | • 215 | • 490 | • 554 |
| | • 562 | • 1174 | | |
| EXOSAT | • 1891 | • 1896 | • 1923 | • 1941 |

References

- 8 • 28 • 49 • 85 • 93 • 125 • 143 • 145
- 158 • 186 • 261 • 284 • 292 • 320 • 359 • 394
- 400 • 406 • 464 • 483 • 521 • 533 • 555 • 561
- 581 • 593 • 602 • 605 • 637 • 666 • 717 • 723
- 724 • 729 • 737 • 763 • 804 • 861 • 871 • 874
- 898 • 912

PG 1103-006

Right Ascension	:	11h 03m 58.07s
Declination	:	- 0° 36' 37.7"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.426
Alternative Names	:	PKS 1103-006, 4C -.43
	:	OM -006, QSO 1103-006

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1782 Å	3000 Å	CEB	Flag
1	LWR 11111 L	44807.0	21 Jul 81	37200.0					507	
2	SWP 19048 L	45355.0	20 Jan 83	22800.0			0.57	0.44	343	

X-Ray Spectra

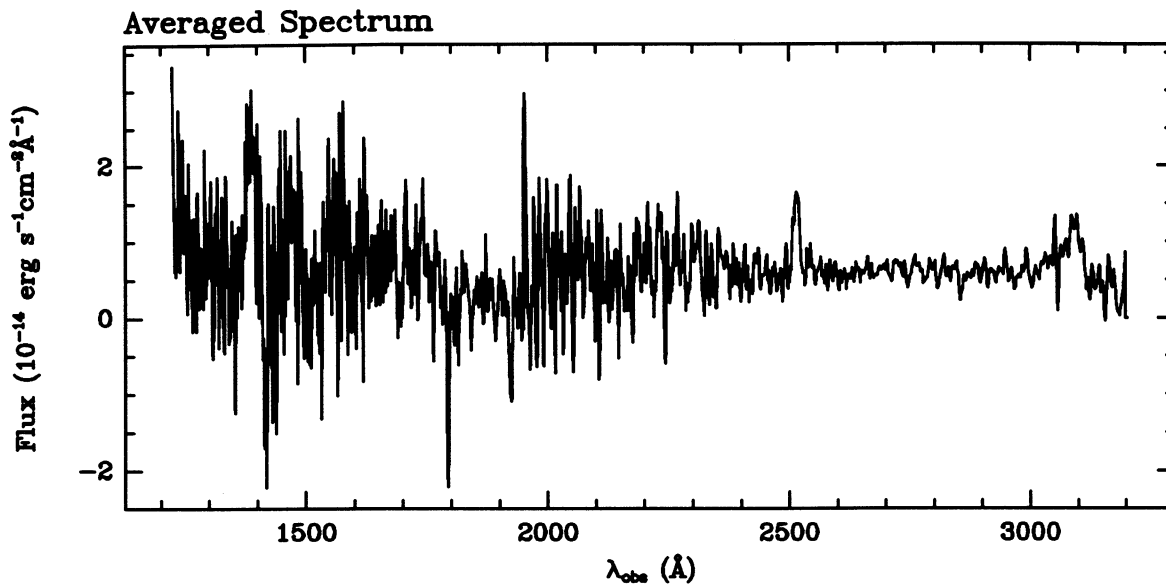
EINSTEIN	• 290	• 938	
EXOSAT	• 506	• 1277	• 1996

References

• 302	• 354	• 450	• 504	• 537	• 590	• 603	• 745
• 801	• 804	• 830	• 832	• 842			

PG 1114+440

Right Ascension	:	11h 14m 20.50s
Declination	:	44° 30' 01.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.144
Alternative Names	:	PG 1114+445, QSO 1114+445

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1429 Å	2516 Å	CEB	Flag
1	LWP	7655	L	46474.0	12 Feb 86	9600.0					306	D
2	SWP	27705	L	46474.0	12 Feb 86	7200.0			0.25	0.91	209	

X-Ray Spectra

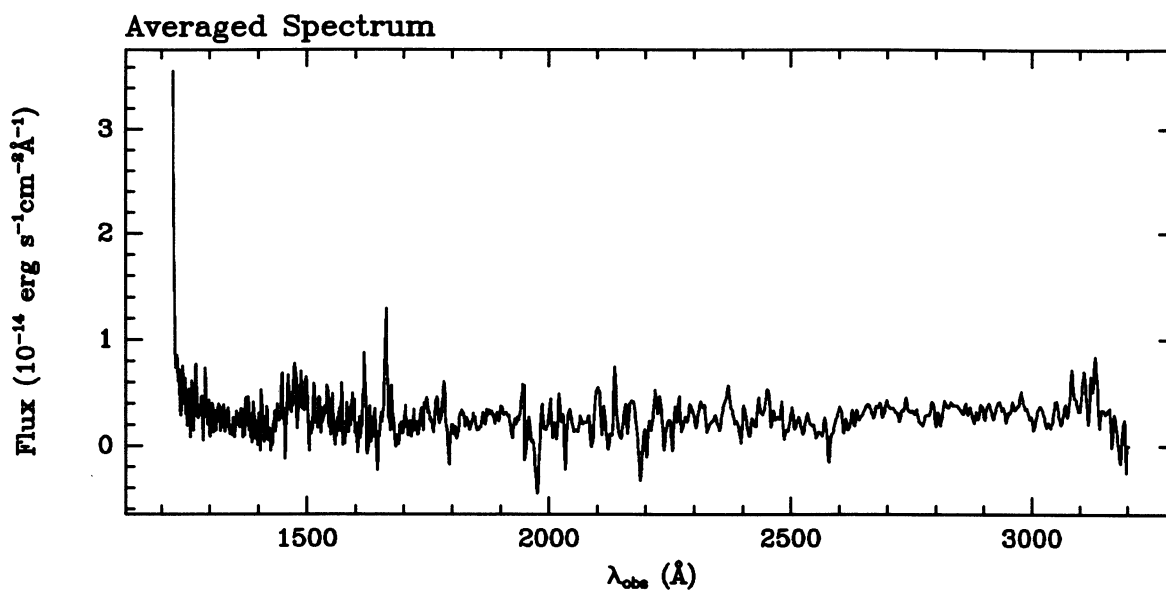
EXOSAT • 707 • 1576 • 1938

References

• 621 • 830 • 832 • 842

PG 1115+080

Right Ascension	:	11h 15m 41.50s
Declination	:	8° 02' 24.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.722
Alternative Names	:	QSO 1115+080

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 \AA	3000 \AA	CEB	Flag
1	LWR	3142	L	43853.0	10 Dec 78	29280.0						
2	SWP	3579	L	43855.0	12 Dec 78	24300.0			0.41	0.32		
3	SWP	33231	L	47260.0	8 Apr 88	16200.0			0.27			305
4	SWP	33242	L	47262.0	10 Apr 88	15300.0			0.37			204
5	SWP	33254	L	47263.0	11 Apr 88	14700.0			0.53			205
6	SWP	33263	L	47264.0	12 Apr 88	13800.0			0.27			304

X-Ray Spectra

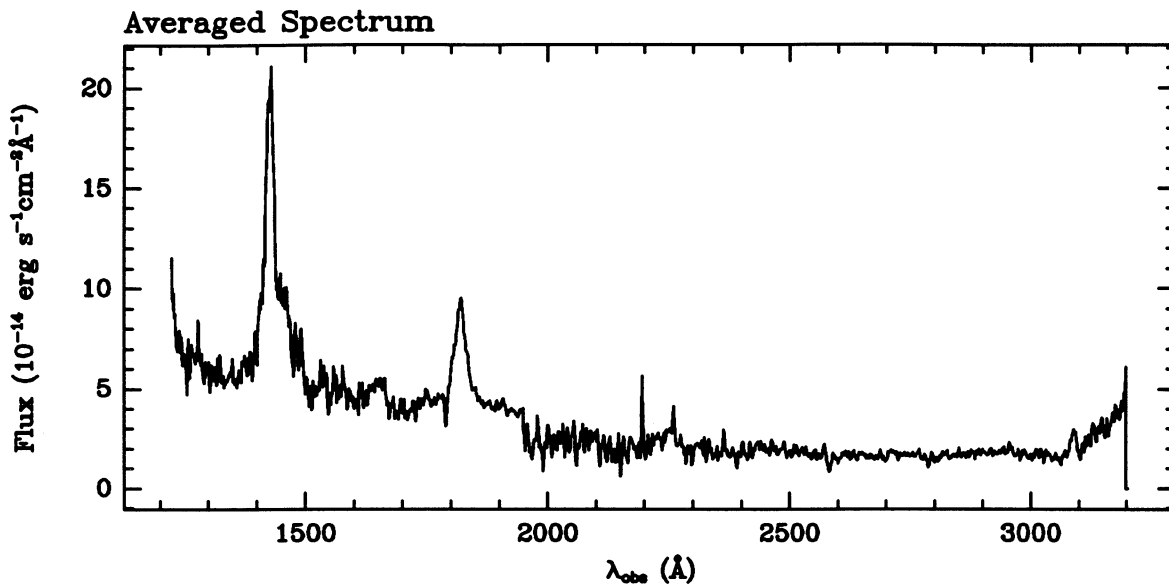
EINSTEIN • 584

References

• 290 • 307 • 610 • 613 • 687 • 701 • 711 • 729
 • 776 • 801 • 830 • 832 • 842 • 909 • 916

PG 1116+215

Right Ascension	:	11h 16m 30.10s
Declination	:	21° 35' 43.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.177
Alternative Names	:	QSO 1116+215

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1471 Å	2589 Å	CEB	Flag
1	SWP 8898 L	44363.0	3 May 80	1800.0	28	28.50	8.70			330
2	SWP 8899 L	44363.0	3 May 80	5400.0	31	31.55	9.00			351
3	LWR 13669 L	45164.0	13 Jul 82	9600.0				1.55		403
4	SWP 17416 L	45164.0	13 Jul 82	14400.0	30	31.91	6.64			345

X-Ray Spectra

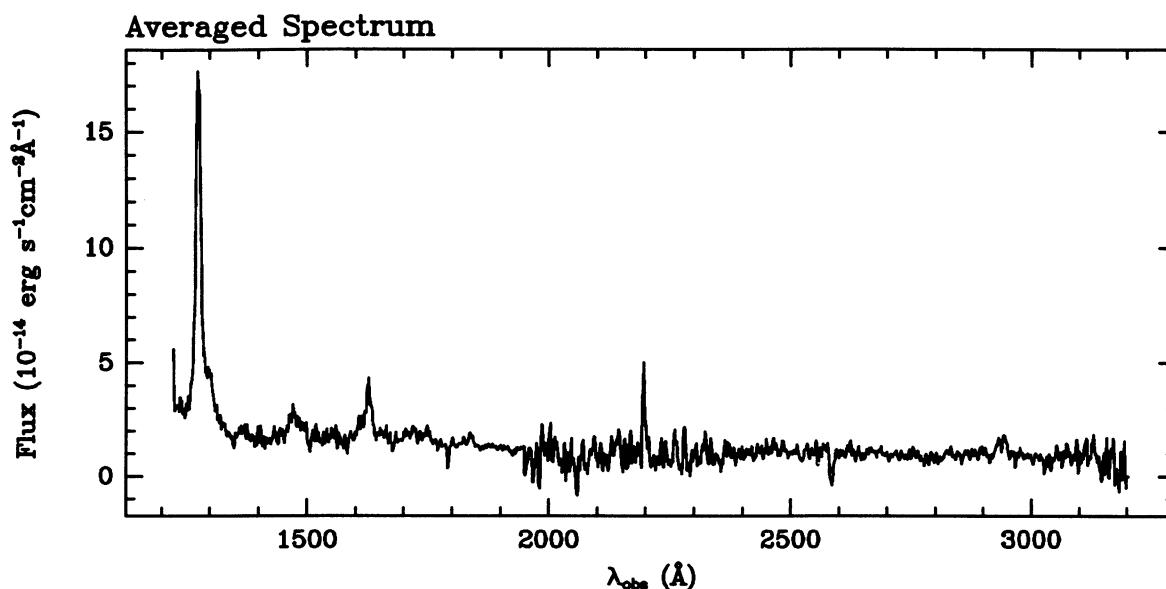
EINSTEIN • 253 • 589 • 591

References

• 315 • 474 • 621 • 634 • 762 • 776 • 801 • 823
 • 829 • 832 • 930

MRK 734

Right Ascension	:	11h 19m 10.90s
Declination	:	12° 00' 47.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.049
Alternative Names	:	PG 1119+120, QSO 1119+120

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1311 \AA	2307 \AA	CEB	Flag
1	LWR 10923 L	44777.0	21 Jun 81	3300.0	32	33.15			305	
2	SWP 14298 L	44777.0	21 Jun 81	4860.0	26	26.93	5.05		332	
3	SWP 18621 L	45295.0	21 Nov 82	13500.0	23	24.74	2.50		344	
4	LWR 14689 L	45296.0	22 Nov 82	7800.0	25	26.89		0.72	332	
5	SWP 18662 L	45300.0	26 Nov 82	14400.0	23	24.75	2.53		3x6	
6	LWR 14726 L	45301.0	27 Nov 82	9840.0				0.60	309	

X-Ray Spectra

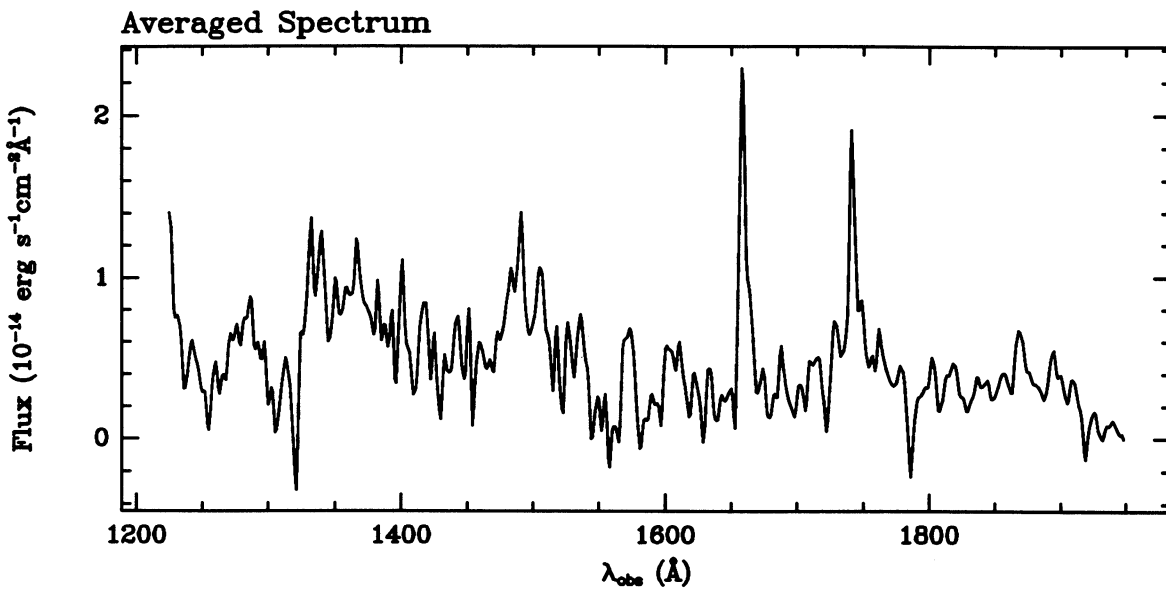
EINSTEIN • 1126 • 1131

References

• 145 • 253 • 493 • 593 • 621 • 717 • 776 • 804
• 832

MRK 170

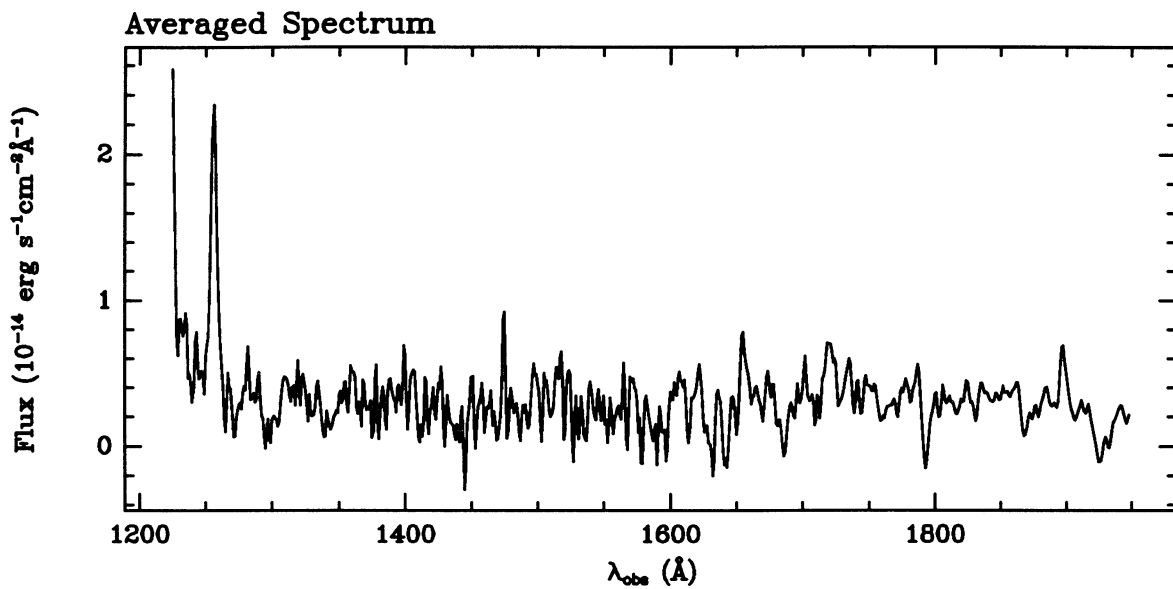
Right Ascension	:	11h 23m 55.80s
Declination	:	64° 24' 46.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	UGC 6448, MCG+11-14-0025

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	SWP 6255 L	44108.0	22 Aug 79	23400.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}	0.45		23

MRK 423

Right Ascension	: 11h 24m 07.60s
Declination	: 35° 31' 17.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.032
Alternative Names	: MCG+06-25-0072, CASG 834
	: EQ 1124+355

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1290 Å	2270 Å	CEB	Flag
1	SWP 20164 L	45494.0	8 Jun 83	24600.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.30	336	U

X-Ray Spectra

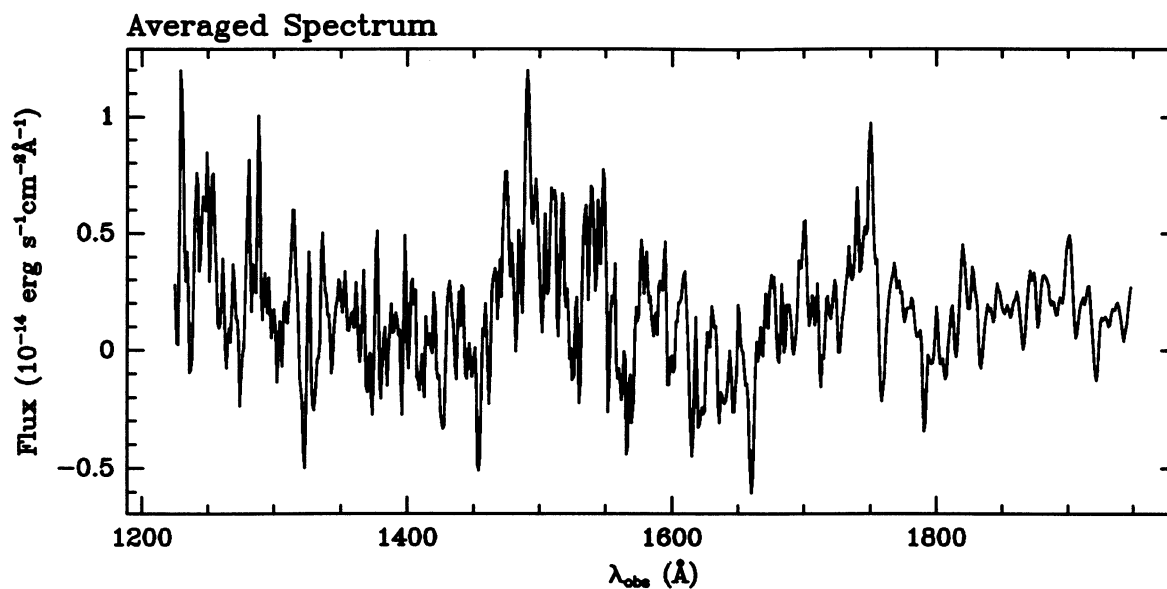
EINSTEIN • 252 • 598

References

• 164 • 380 • 394 • 411 • 418 • 559 • 593 • 703
• 717

MRK 423 S

Right Ascension	:	11h 24m 07.60s
Declination	:	35° 31' 17.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.032
Alternative Names	:	MCG+06-25-0072, CASG 834
	:	EQ 1124+355

**Observed Spectra**

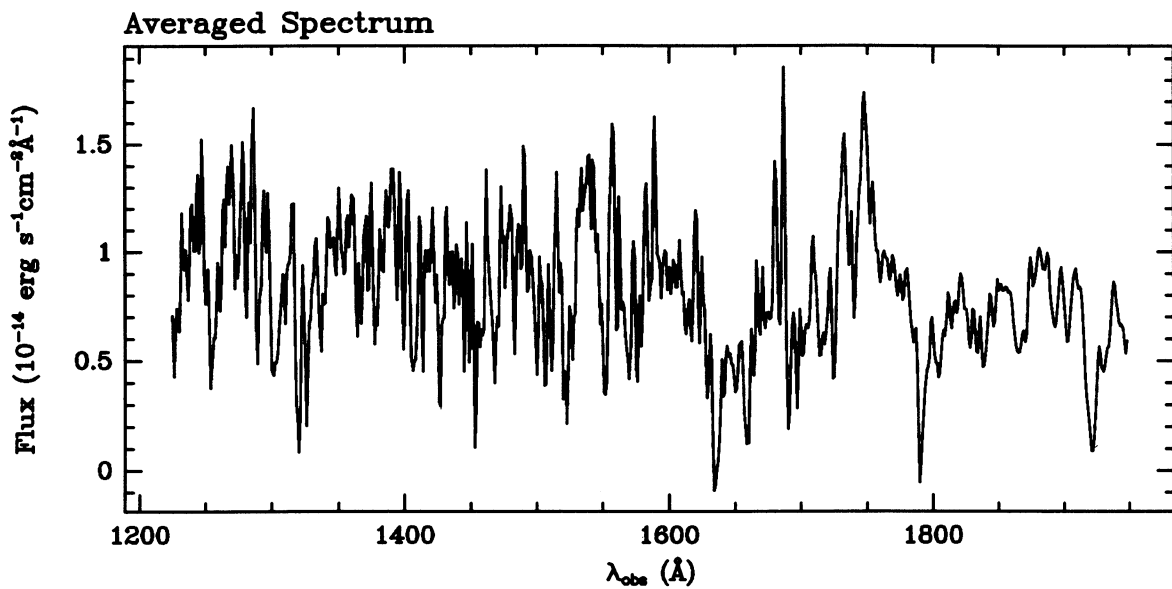
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1290 Å	2270 Å	CEB	Flag
1	SWP 33183 L	47251.0	30 Mar 88	22200.0			0.23			303

References

- 164 • 380 • 394 • 411 • 418 • 559 • 593 • 703
- 717

MCG +13-08-0058

Right Ascension	:	11h 24m 36.00s
Declination	:	79° 15' 57.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	ZW VII 403, UGC 6456

**Observed Spectra**

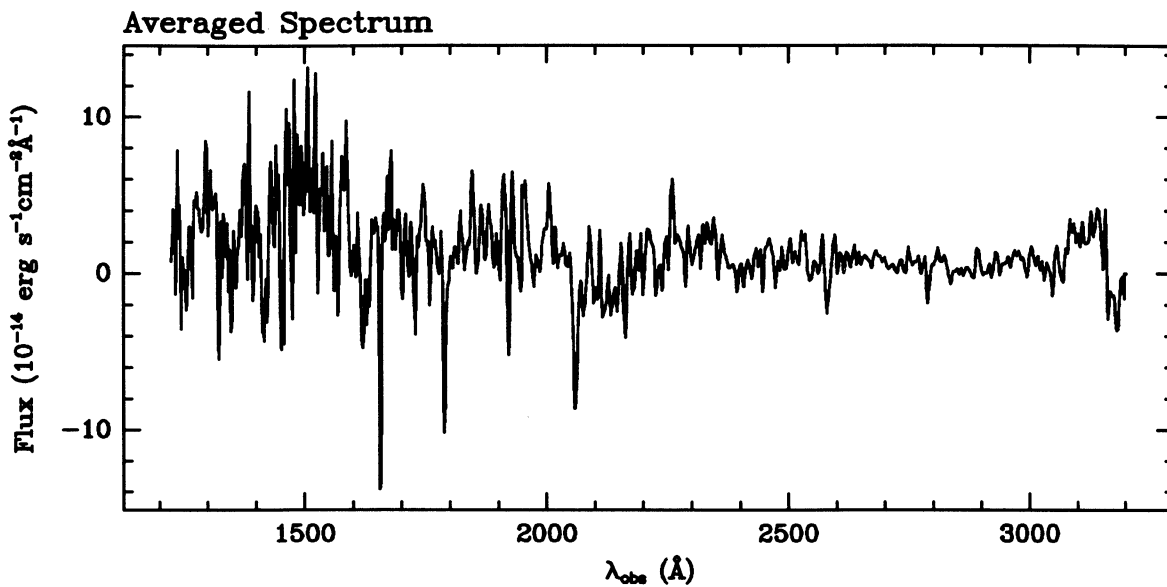
#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 \AA	2202 \AA	CEB	Flag
1	SWP 10470 L	44537.0	24 Oct 80	21600.0			0.98			307

References

- 77
- 274
- 314
- 713

NGC 3690

Right Ascension	: 11h 25m 41.90s
Declination	: 58° 50' 18.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.010
Alternative Names	: UGC 6471, IC 694, MCG+10-17-0003
	: MRK 171, IRAS 11257+5850

**Observed Spectra**

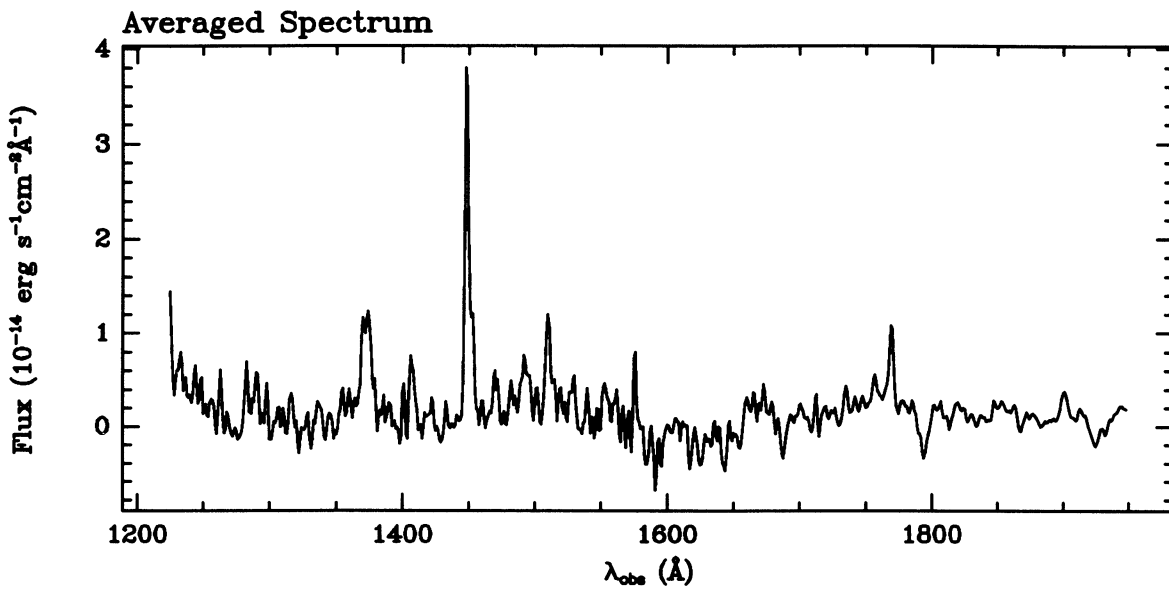
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
1	LWR 5710 L	44145.0	28 Sep 79	4200.0						309
2	SWP 6656 L	44145.0	28 Sep 79	1199.0	59	59.75	2.78	0.80		34
3	SWP 6657 L	44145.0	28 Sep 79	1320.0			1.00			307
4	SWP 6658 S	44145.0	28 Sep 79	2099.0						01

References

- 136 • 188 • 375 • 445 • 571 • 593 • 793 • 836
- 942

QSO 1127-145

Right Ascension	: 11h 27m 35.70s
Declination	: -14° 32' 54.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.187
Alternative Names	: PKS 1127-145, OM -146



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux 2733 Å 3000 Å 10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	Code	
		MJD	Civilian		Raw	Corr.		CEB	Flag
1	SWP 33404 L	47281.0	29 Apr 88	23100.0					307

X-Ray Spectra

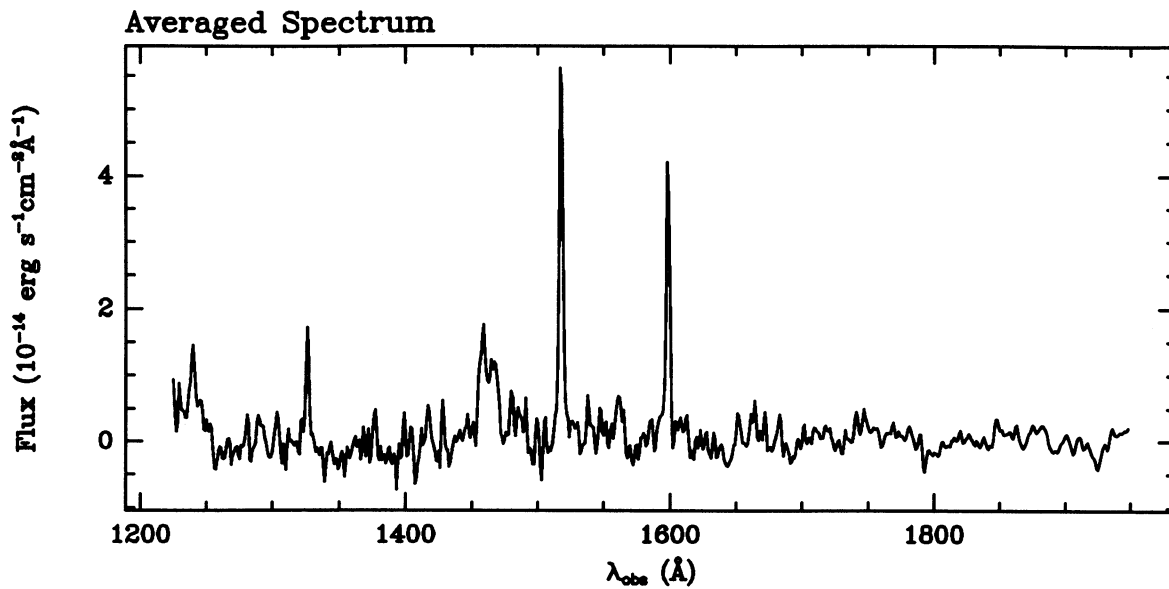
EINSTEIN • 291 • 637 • 1190

References

• 302 • 537 • 590

MRK 176

Right Ascension	: 11h 29m 54.00s
Declination	: 53° 13' 27.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.027
Alternative Names	: UGC 6527, MCG+09-19-0111
	: MRK 176 A, ZW I 27

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1283 \AA	2250 \AA	CEB	Flag
1	SWP 24255 L	45995.0	21 Oct 84	13500.0			10^{-14} erg s^{-1} cm^{-2} \AA^{-1}			04

X-Ray Spectra

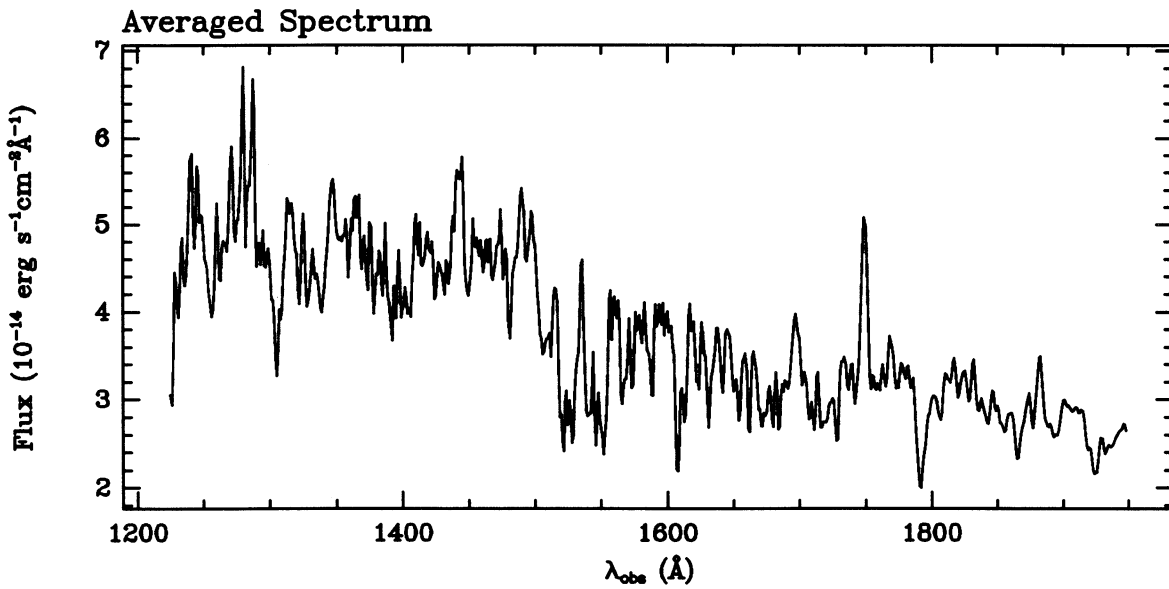
EINSTEIN	• 226	• 268	• 568
EXOSAT	• 619	• 798	• 1253

References

• 81	• 85	• 93	• 145	• 164	• 177	• 284	• 315
• 335	• 394	• 445	• 566	• 593	• 669	• 717	• 841

NGC 3738

Right Ascension	:	11h 33m 04.80s
Declination	:	54° 48' 00.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	UGC 6565, MCG+09-19-0130



Observed Spectra

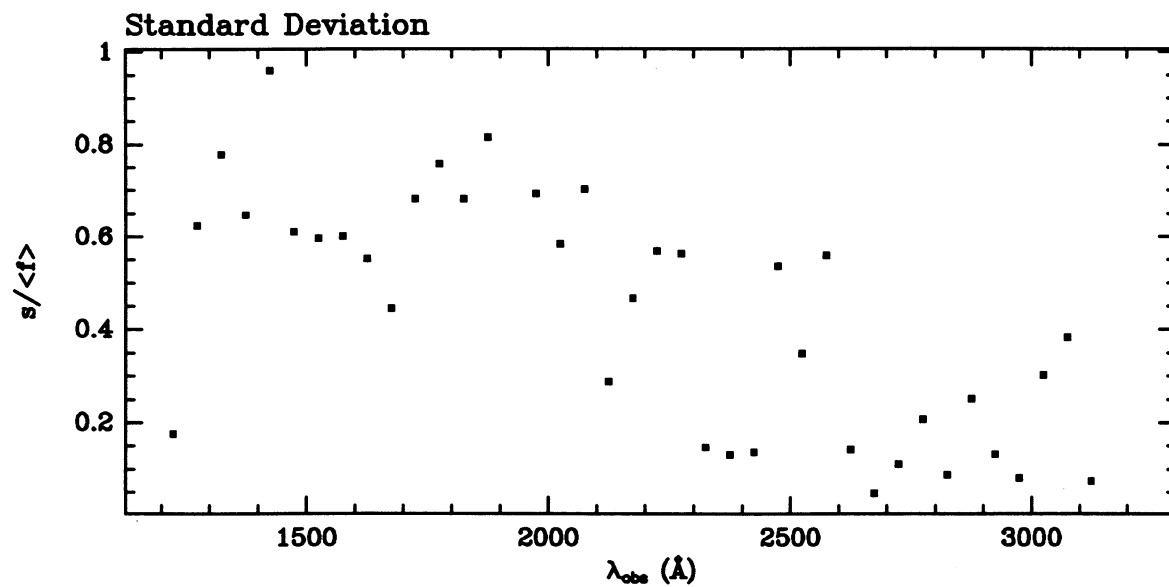
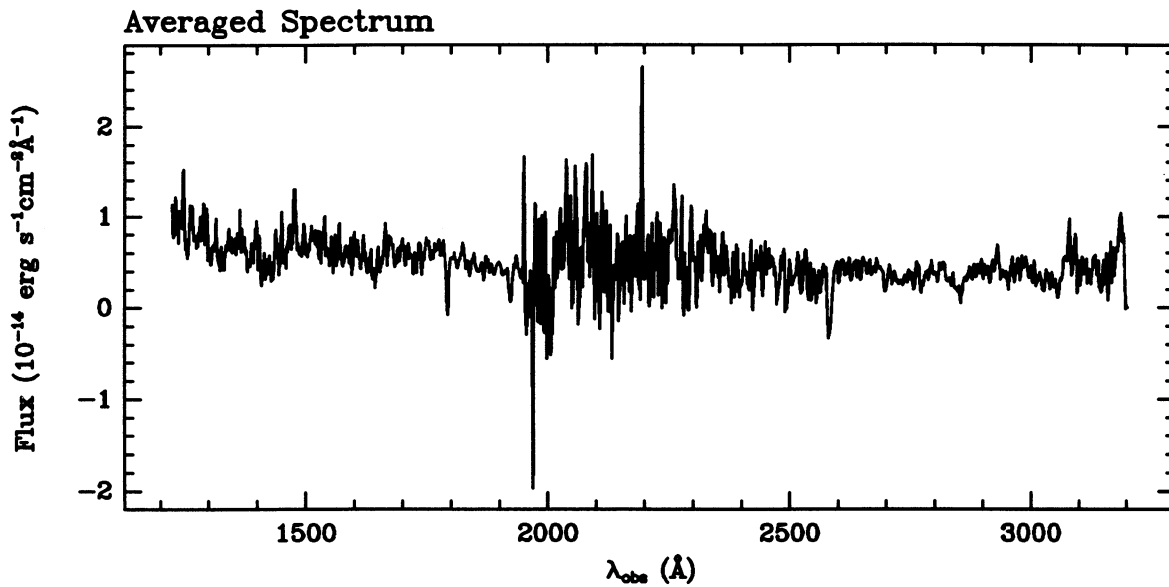
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
1	SWP 14613 L	44818.0	1 Aug 81	12000.0	38	39.45	4.77		305	

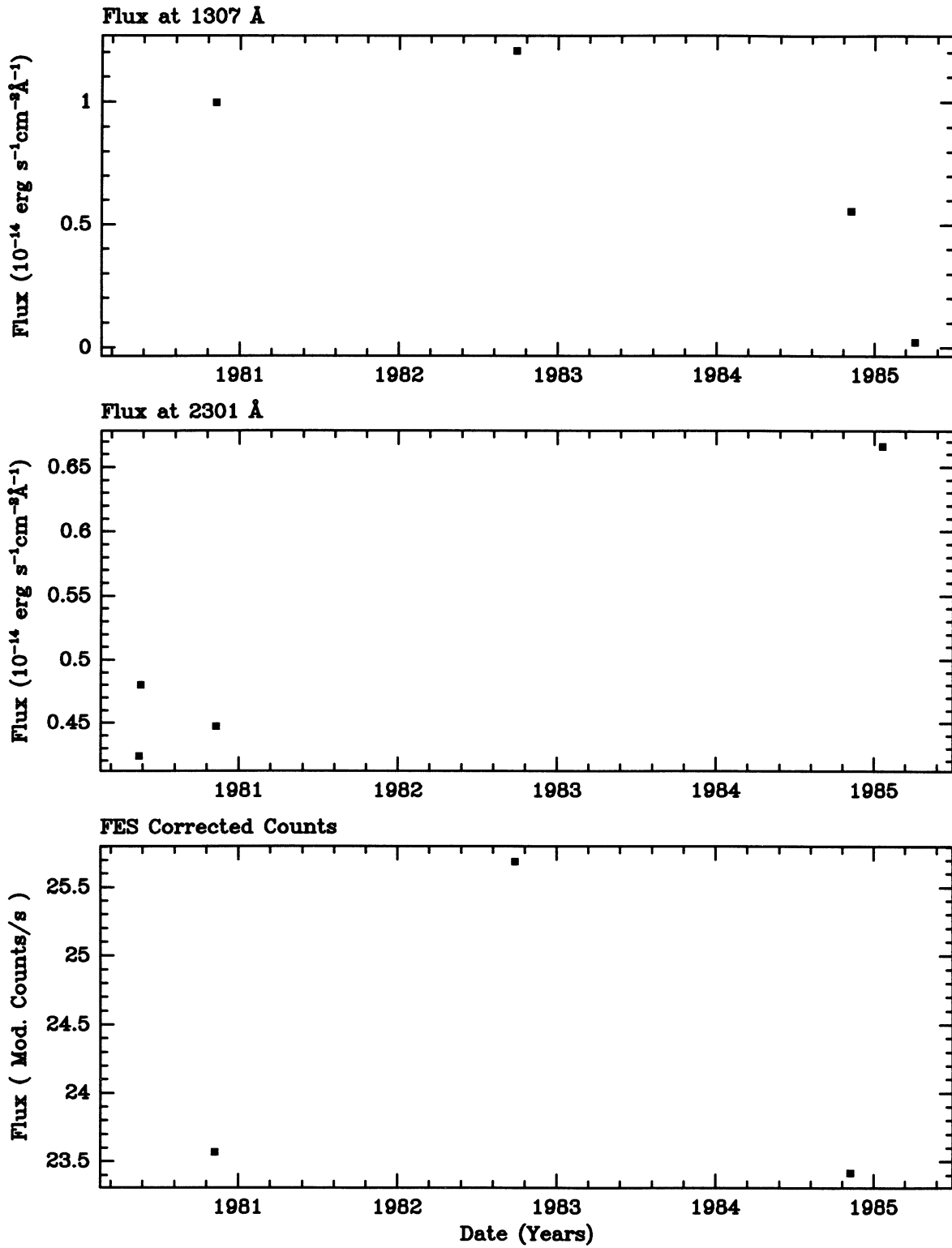
References

- 181 • 293 • 904

MRK 180

Right Ascension	: 11h 33m 32.70s
Declination	: 70° 26' 00.0"
Object Type	: BL Lac
ULDA Type	: 87
Redshift	: 0.046
Alternative Names	: PKS 1133+704, ZW VII 412





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1307 Å	2301 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 7780 L	44377.0	17 May 80	10800.0				0.42	309	
2	LWR 7814 L	44381.0	21 May 80	10680.0				0.48	303	
3	SWP 10563 L	44552.0	8 Nov 80	25200.0	23	23.57	1.00		304	
4	SWP 10563 S	44552.0	8 Nov 80	25200.0					304	
5	LWR 9277 L	44554.0	10 Nov 80	15600.0				0.45	304	
6	SWP 18123 L	45240.0	27 Sep 82	21300.0	24	25.69	1.21		336	
7	SWP 24412 L	46012.0	7 Nov 84	23700.0	20	23.42	0.56		306	
8	LWP 5238 L	46086.0	20 Jan 85	2760.0				0.67	303	D
9	SWP 24936 L	46086.0	20 Jan 85	17400.0				0.64	304	
10	SWP 25593 L	46161.0	5 Apr 85	15000.0				0.02	09	

X-Ray Spectra

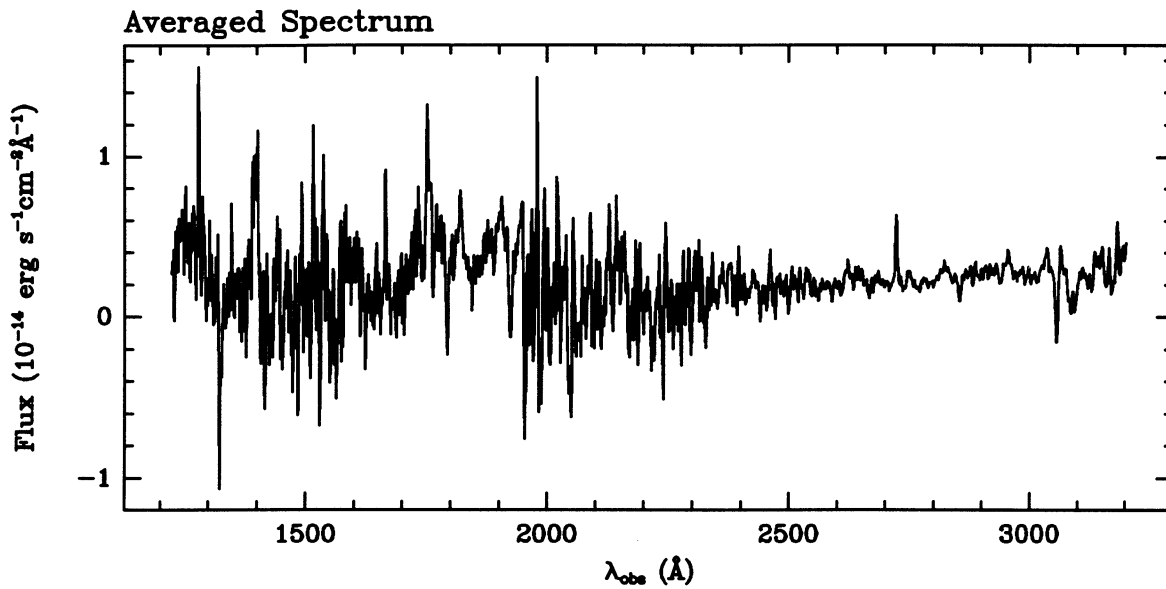
EINSTEIN	• 558	• 788	• 1177	
EXOSAT	• 433	• 710	• 1178	• 1201
	• 1220	• 1225	• 1244	• 1436
	• 1492			

References

• 105	• 106	• 148	• 218	• 238	• 257	• 292	• 526
• 734	• 749	• 750	• 776				

NGC 3758

Right Ascension	: 11h 33m 52.50s
Declination	: 21° 52' 24.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.030
Alternative Names	: MCG+04-27-0073, MRK 739
	: IRAS 11338+2152, EQ 1133+218



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2286 Å	CEB	Flag
1	SWP 25652 L	46166.0	10 Apr 85	21360.0	24	28.79	0.41		203	
2	LWP 13002 L	47260.0	8 Apr 88	22500.0				0.10	305	

X-Ray Spectra

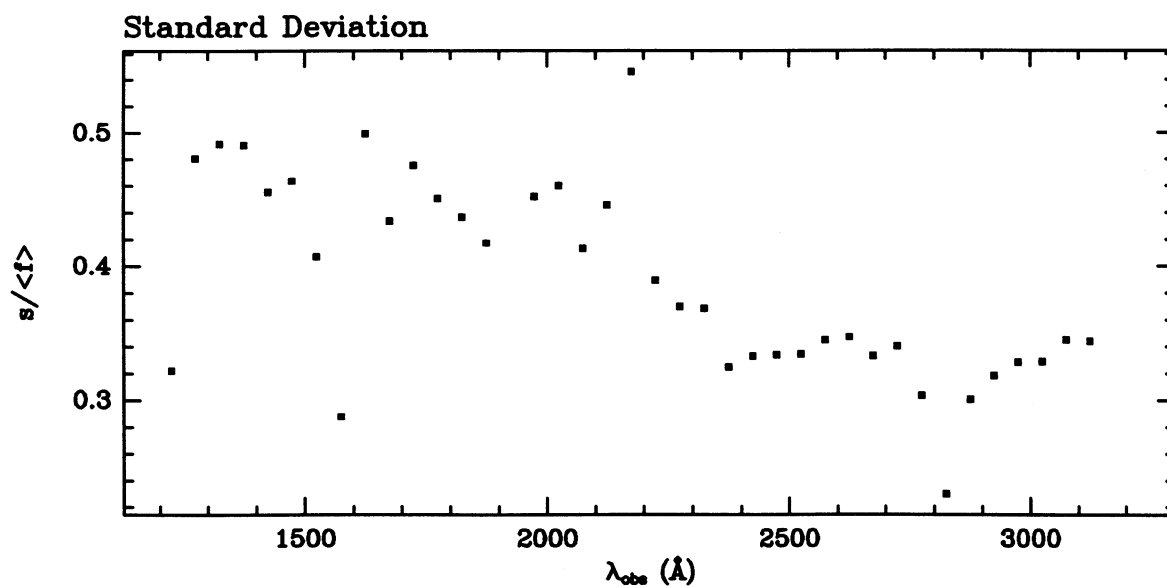
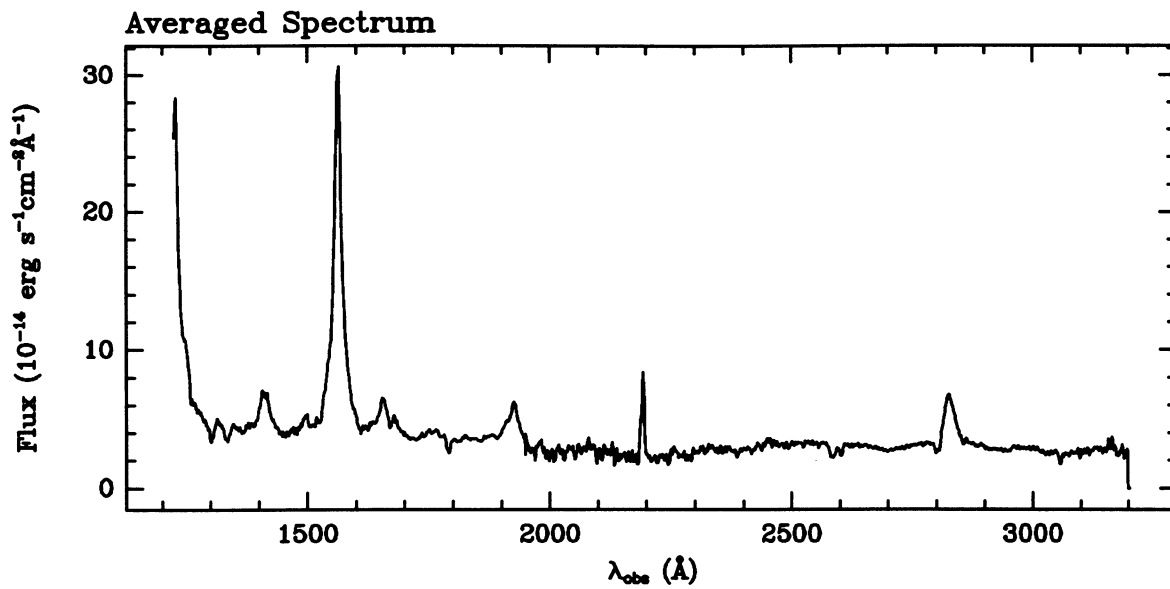
EINSTEIN • 253 • 589 • 591

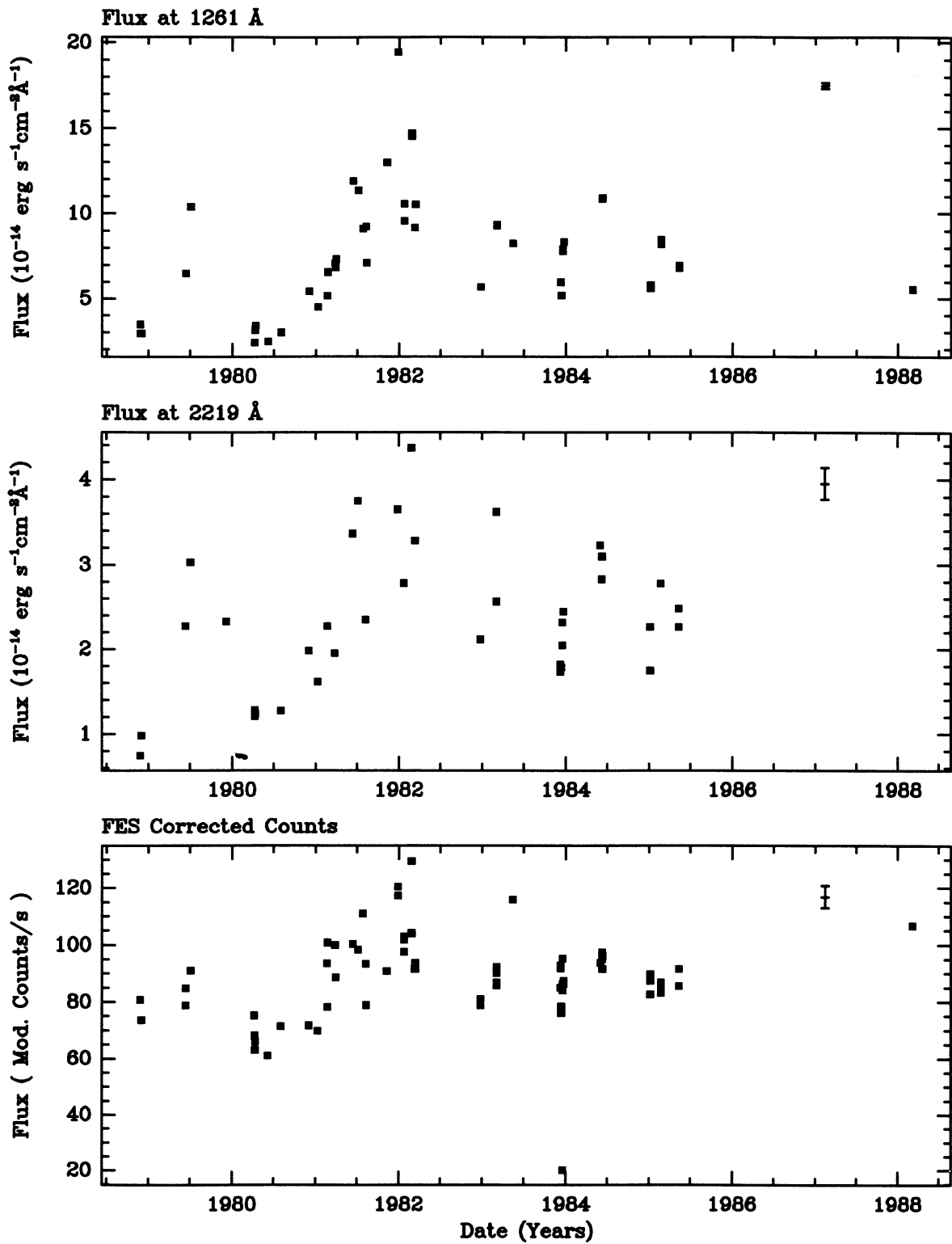
References

- 84 • 135 • 164 • 176 • 193 • 215 • 246 • 384
- 411 • 559 • 565 • 570 • 593 • 620 • 717 • 900

NGC 3783

Right Ascension	: 11h 36m 33.00s
Declination	: -37° 27' 42.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.009
Alternative Names	: MCG-06-26-0004, 4U 1136-37, ESO 378- 14, H 1136-37.5
	: TOL 55, IRAS 11365-3727, 2A 1135-373





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	3040	L	43839.0	26 Nov 78	3600.0				0.75		34
2	SWP	3461	L	43839.0	26 Nov 78	2400.0	80	80.84	2.96			23
3	SWP	3462	L	43839.0	26 Nov 78	2640.0	80	80.84	3.49			23
4	LWR	3092	L	43845.0	2 Dec 78	3600.0				0.98		35
5	SWP	3509	L	43845.0	2 Dec 78	10800.0	73	73.77	2.95			37
6	LWR	4778	L	44039.0	14 Jun 79	3599.0	78	78.88		2.28		452
7	SWP	5513	L	44039.0	14 Jun 79	5399.0	84	84.95	6.52			352
8	LWR	4954	L	44060.0	5 Jul 79	3600.0				3.03		55
9	SWP	5726	L	44060.0	5 Jul 79	6000.0	90	91.04	10.42			35
10	LWR	6327	L	44216.0	8 Dec 79	6000.0				2.33		
11	SWP	8709	L	44339.0	9 Apr 80	3600.0	74	75.26	2.41			231
12	LWR	7481	L	44341.0	11 Apr 80	6000.0	62	63.06		1.21		455
13	LWR	7482	L	44341.0	11 Apr 80	3600.0				1.28		353
14	SWP	8725	L	44341.0	11 Apr 80	10800.0	67	68.15	3.15			362
15	LWR	7497	L	44343.0	13 Apr 80	5100.0	62	63.07		1.24		343
16	SWP	8745	L	44343.0	13 Apr 80	6900.0	65	66.12	3.42			342
17	SWP	9216	L	44398.0	7 Jun 80	5400.0	60	61.13	2.48			243
18	SWP	9216	S	44398.0	7 Jun 80	5400.0						243
19	LWR	8417	L	44454.0	2 Aug 80	3600.0	70	71.46		1.28		342
20	SWP	9678	L	44454.0	2 Aug 80	6000.0	70	71.46	3.01			351
21	LWR	9426	L	44577.0	3 Dec 80	4800.0				1.98		453
22	SWP	10742	L	44577.0	3 Dec 80	6600.0	70	71.80	5.43			352
23	LWR	9692	L	44616.0	11 Jan 81	3600.0				1.61		343
24	SWP	11020	L	44616.0	11 Jan 81	5400.0	68	69.87	4.50			251
25	SWP	13343	L	44656.0	20 Feb 81	6240.0	91	93.67	5.17			351
26	LWR	10001	L	44659.0	23 Feb 81	3000.0	76	78.24		2.27		452
27	SWP	13352	L	44659.0	23 Feb 81	14610.0	98	100.89	6.57			303
28	LWR	10214	L	44690.0	26 Mar 81	5400.0				1.95		562
29	SWP	13580	S	44690.0	26 Mar 81	10800.0						332
30	SWP	13581	L	44690.0	26 Mar 81	5400.0	97	100.01	7.10			451
31	SWP	13599	L	44692.0	28 Mar 81	5400.0	97	100.02	6.87			351
32	SWP	13615	L	44694.0	30 Mar 81	5400.0	86	88.69	7.34			352
33	LWR	10849	L	44769.0	13 Jun 81	4500.0	97	100.43		3.37		364
34	SWP	14252	L	44770.0	14 Jun 81	5400.0	97	100.44	11.90			361
35	LWR	11020	L	44793.0	7 Jul 81	1500.0	95	98.49		3.75		342
36	SWP	14414	L	44793.0	7 Jul 81	5040.0	95	98.49	11.35			342
37	SWP	14558	L	44812.0	26 Jul 81	1440.0	107	111.05	9.12			231
38	LWR	11273	L	44826.0	9 Aug 81	8100.0				2.35		402
39	SWP	14696	L	44826.0	9 Aug 81	13500.0	90	93.48	9.24			353
40	SWP	14697	S	44826.0	9 Aug 81	3300.0						332
41	SWP	14718	L	44828.0	11 Aug 81	1860.0	76	78.95	7.12			331
42	SWP	15469	L	44918.0	9 Nov 81	2700.0	87	90.88	12.99			341
43	LWR	12227	L	44966.0	27 Dec 81	1800.0	115	120.52		3.65		453
44	SWP	15891	L	44966.0	27 Dec 81	3120.0	112	117.37	19.46			351
45	LWR	12420	L	44994.0	24 Jan 82	2400.0	98	102.90		2.79		353
46	SWP	16103	L	44994.0	24 Jan 82	6000.0	97	101.85	10.57			360
47	SWP	16104	L	44994.0	24 Jan 82	1380.0	93	97.65	9.57			230
48	LWR	12683	L	45027.0	26 Feb 82	3000.0				4.37		452
49	SWP	16427	L	45027.0	26 Feb 82	5400.0	99	104.19	14.70			4x2
50	SWP	16432	L	45027.0	26 Feb 82	3600.0	123	129.45	14.53			352
51	SWP	16495	L	45039.0	10 Mar 82	3180.0	87	91.64	9.18			341
52	LWR	12784	L	45043.0	14 Mar 82	1800.0	87	91.67		3.29		333
53	SWP	16530	L	45043.0	14 Mar 82	2100.0	89	93.78	10.55			230
54	LWR	14921	L	45330.0	26 Dec 82	5400.0	75	80.94		2.12		464
55	SWP	18894	L	45330.0	26 Dec 82	6060.0	73	78.78	5.71			351
56	LWR	15429	L	45400.0	6 Mar 83	6600.0	85	92.35		2.57		563
57	LWR	15430	L	45400.0	6 Mar 83	3000.0	79	85.83		3.62		452
58	SWP	19401	L	45400.0	6 Mar 83	7200.0	83	90.17	9.36			461
59	SWP	19402	L	45400.0	6 Mar 83	4620.0	80	86.91	9.31			351
60	SWP	20001	L	45471.0	16 May 83	1800.0	106	115.99	8.27			332
61	LWP	2374	L	45678.0	9 Dec 83	4800.0	82	91.83		1.82		562
62	LWP	2375	L	45678.0	9 Dec 83	4200.0	76	85.11		1.73		562
63	SWP	21732	L	45678.0	9 Dec 83	5400.0	83	92.95	5.99			350
64	SWP	21733	S	45678.0	9 Dec 83	10080.0						351
65	LWP	2405	L	45682.0	13 Dec 83	5400.0	70	78.43		1.79		463
66	SWP	21760	L	45682.0	13 Dec 83	6000.0	68	76.19	5.21			351

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
67	LWP	2427	L	45687.0	18 Dec 83	3600.0	18	20.18		2.32	562	D
68	LWP	2428	L	45687.0	18 Dec 83	3780.0	77	86.32		2.05	562	D
69	SWP	21797	L	45687.0	18 Dec 83	5400.0	85	95.29	7.93		352	
70	SWP	21797	S	45687.0	18 Dec 83	3600.0					232	
71	SWP	21798	L	45687.0	18 Dec 83	6600.0	75	84.08	7.82		352	
72	LWP	2481	L	45693.0	24 Dec 83	3600.0	77	86.39		2.45	452	D
73	SWP	21863	L	45693.0	24 Dec 83	6000.0	78	87.51	8.37		351	
74	SWP	21863	S	45693.0	24 Dec 83	4800.0					341	
75	LWP	3474	L	45853.0	1 Jun 84	4800.0	82	93.89		3.23	563	D
76	LWP	3540	L	45861.0	9 Jun 84	4200.0	83	95.14		2.83	563	D
77	SWP	23221	L	45861.0	9 Jun 84	5400.0	85	97.43	10.87		451	
78	LWP	3541	L	45862.0	10 Jun 84	6600.0	84	96.30		3.10	553	D
79	SWP	23222	L	45862.0	10 Jun 84	7500.0	80	91.71	10.94		461	
80	LWP	5153	L	46073.0	7 Jan 85	3000.0	76	89.82		2.27	351	D
81	LWP	5154	L	46073.0	7 Jan 85	6000.0	70	82.73		1.75	571	D
82	SWP	24855	L	46073.0	7 Jan 85	6000.0	70	82.73	5.83		350	
83	SWP	24856	L	46073.0	7 Jan 85	5100.0	74	87.46	5.62		350	
84	LWP	5406	L	46119.0	22 Feb 85	3000.0	71	84.52		2.78	451	D
85	SWP	25296	L	46119.0	22 Feb 85	6000.0	70	83.33	8.21		350	
86	SWP	25297	L	46119.0	22 Feb 85	6000.0	73	86.90	8.50		350	
87	LWP	5963	L	46199.0	13 May 85	3000.0	71	85.63		2.49	451	D
88	LWP	5964	L	46199.0	13 May 85	4560.0	76	91.66		2.27	562	D
89	SWP	25922	L	46199.0	13 May 85	6000.0	71	85.63	6.97		351	
90	SWP	25923	L	46199.0	13 May 85	9600.0	76	91.66	6.82		361	
91	SWP	33068	L	47229.0	8 Mar 88	2280.0	70	106.81	5.57		331	

X-Ray Spectra

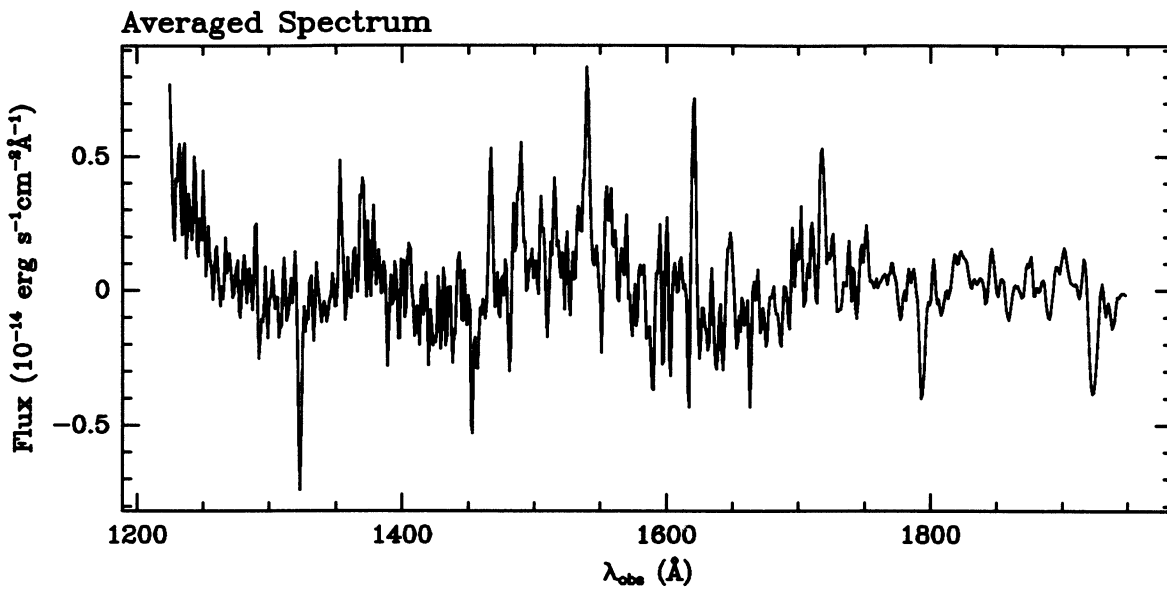
- EINSTEIN • 95 • 638 • 654
- EXOSAT • 406 • 849 • 1330 • 1417

References

- 38 • 57 • 85 • 99 • 100 • 121 • 123 • 125
- 127 • 144 • 158 • 179 • 228 • 250 • 253 • 261
- 284 • 296 • 300 • 303 • 310 • 320 • 356 • 359
- 394 • 425 • 434 • 449 • 450 • 453 • 464 • 488
- 539 • 561 • 593 • 605 • 607 • 654 • 662 • 664
- 685 • 717 • 718 • 723 • 760 • 775 • 780 • 800
- 810 • 831 • 841 • 845 • 894 • 925 • 941

NGC 3783 SKY

Right Ascension	:	11h 36m 33.01s
Declination	:	-37° 27' 42.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	0.000
Alternative Names	:	

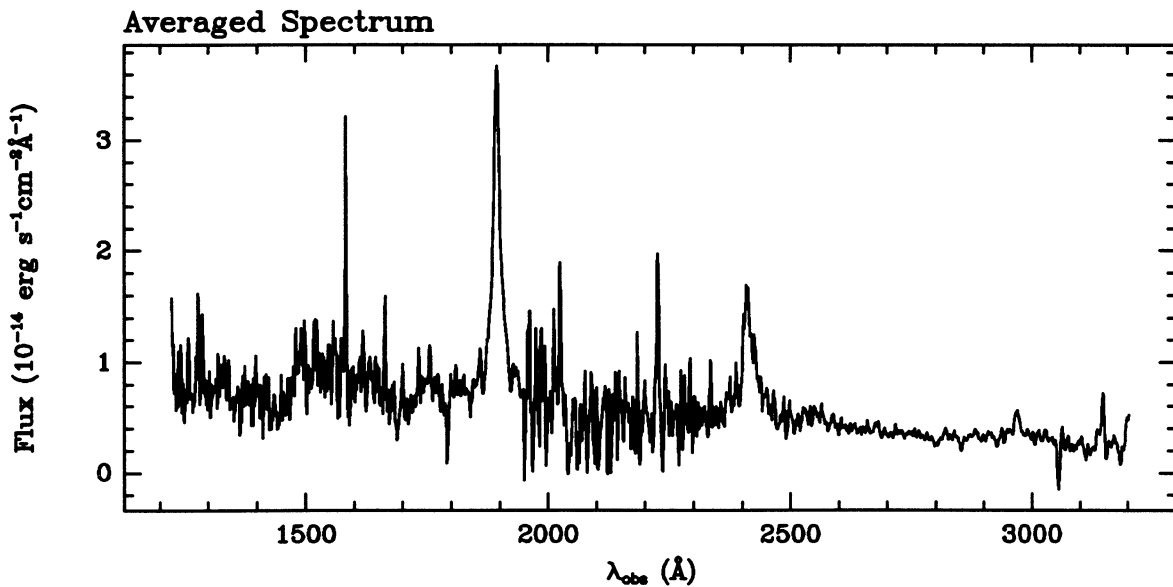


Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP	25262	L	46114.0	17 Feb 85	48900.0			0.24		09	
2	SWP	25262	S	46114.0	17 Feb 85	48900.0					09	D
3	SWP	25267	L	46115.0	18 Feb 85	50700.0			0.17		09	

QSO 1136-135

Right Ascension	:	11h 36m 38.51s
Declination	:	-13° 34' 05.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.554
Alternative Names	:	PKS 1136-135, OM -161

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1942 Å	3000 Å	CEB	Flag
1	SWP 15657 L	44944.0	5 Dec 81	23280.0	12	12.56	0.63	0.34	363	
2	LWP 1412 L	44945.0	6 Dec 81	20580.0					455	

X-Ray Spectra

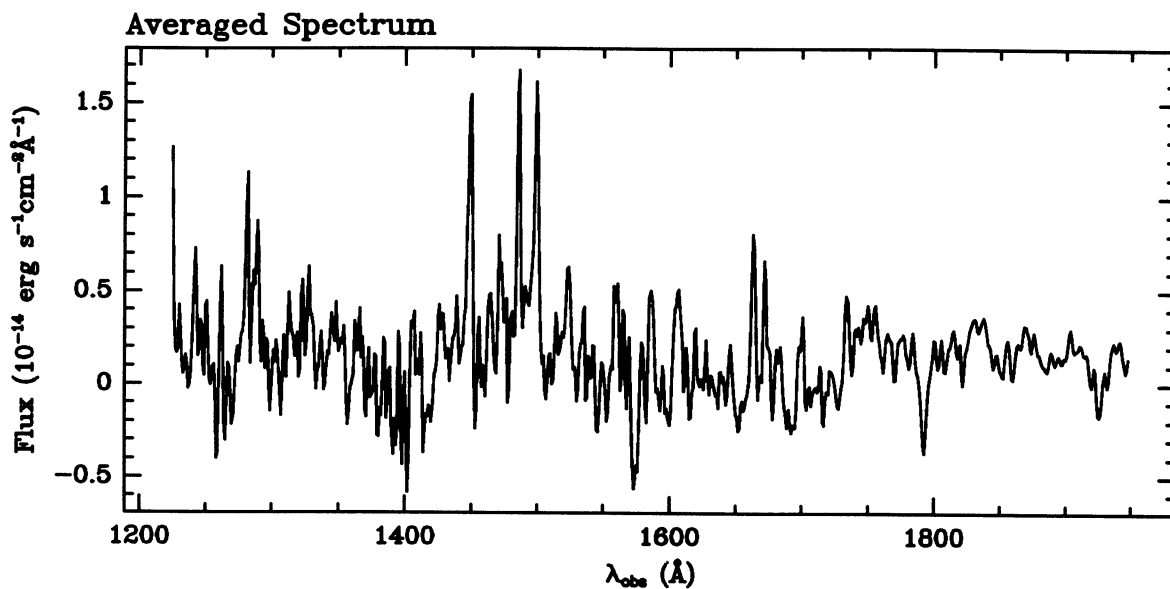
EXOSAT • 523 • 530

References

• 295 • 504 • 537 • 745

NGC 3786

Right Ascension	:	11h 37m 04.70s
Declination	:	32° 11' 13.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.010
Alternative Names	:	UGC 6621, MCG+05-28-0008
	:	MRK 744, EQ 1137+321

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
1	SWP 20159 L	45492.0	6 Jun 83	14400.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			304

X-Ray Spectra

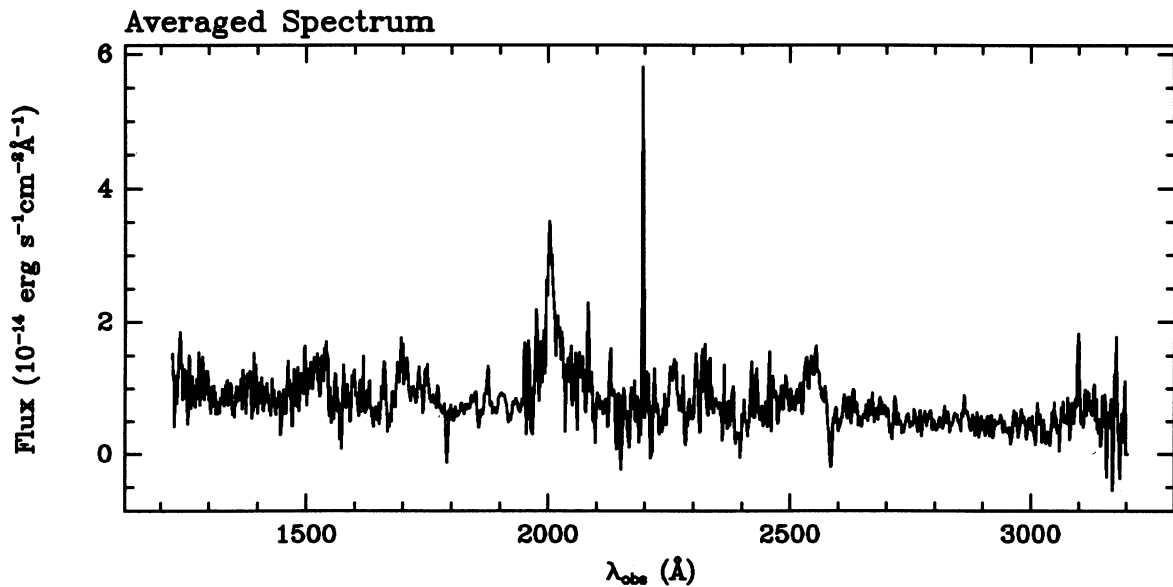
EINSTEIN	• 20 • 601	• 247	• 275	• 583
EXOSAT	• 410	• 445	• 734	

References

• 167 • 195 • 205 • 335 • 380 • 394 • 717

QSO 1137+660

Right Ascension	: 11h 37m 09.30s
Declination	: 66° 04' 27.0"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.652
Alternative Names	: 3C 263.0, 4C 66.13, NRAO 381
	: PG 1137+660, 1E 1137.1+6604

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2065 Å	3000 Å	CEB	Flag
1	SWP 10763 L	44579.0	5 Dec 80	14400.0					304	
2	LWR 13083 L	45086.0	26 Apr 82	7800.0			1.21	0.45	333	

X-Ray Spectra

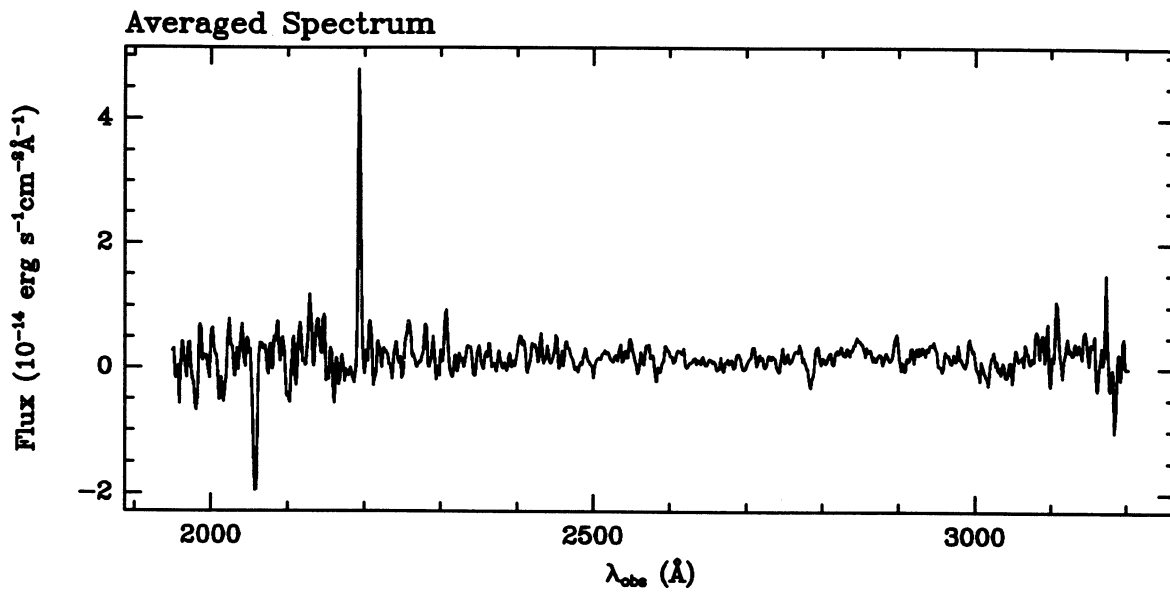
EINSTEIN • 217 • 783
EXOSAT • 1202 • 1278

References

• 85 • 284 • 295 • 302 • 423 • 504 • 590 • 598
• 701 • 729 • 730 • 745 • 766 • 776 • 796 • 823
• 829 • 842 • 879

PG 1138+040

Right Ascension	:	11h 38m 42.40s
Declination	:	4° 03' 38.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.877
Alternative Names	:	QSO 1138+040

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 15349 L	45386.0	20 Feb 83	14400.0				0.10		306

X-Ray Spectra

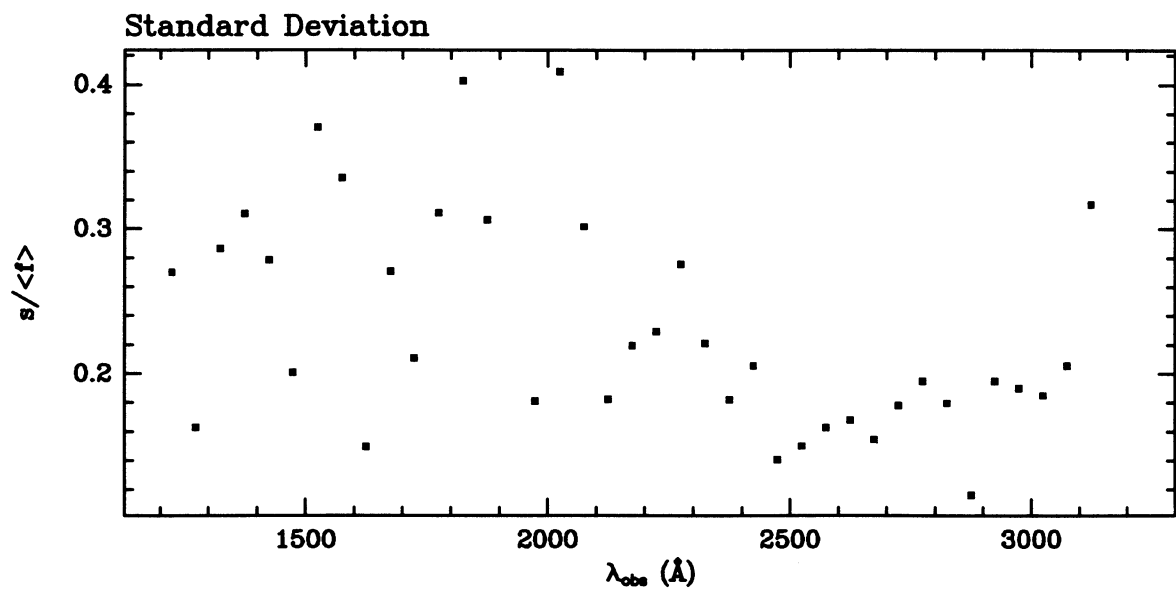
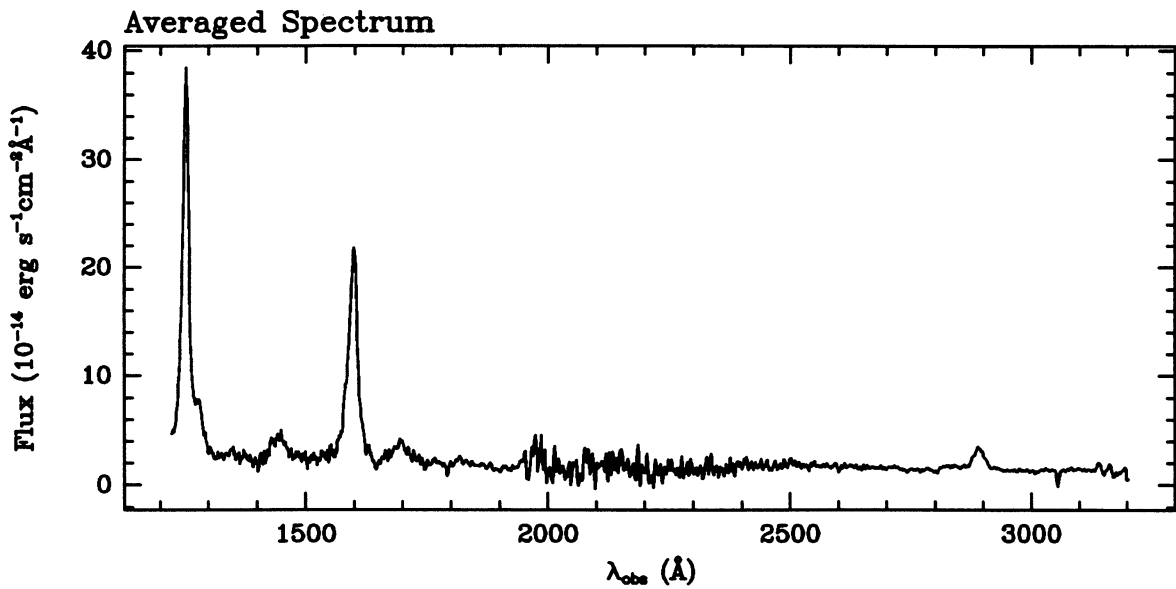
EINSTEIN • 1138 • 1145

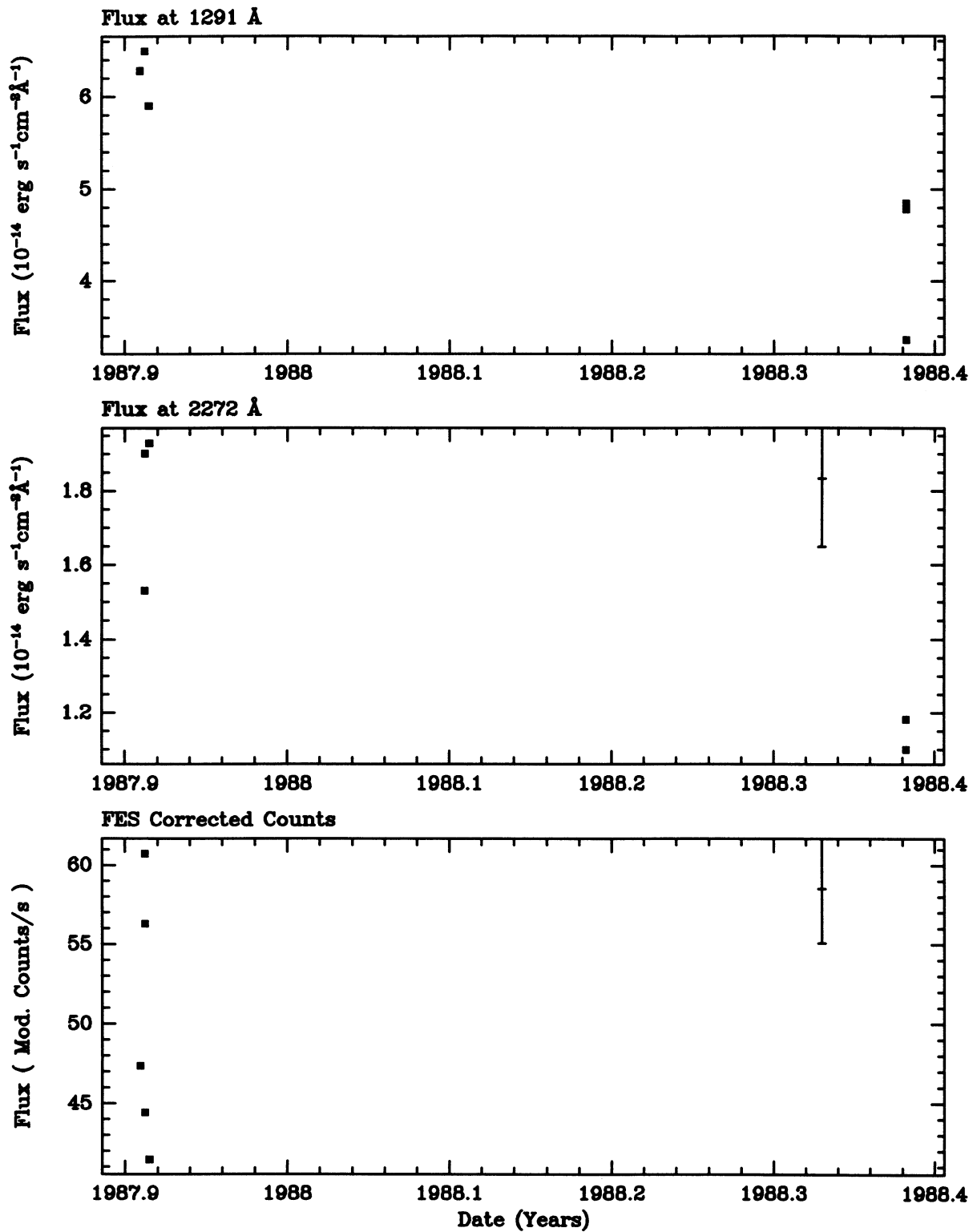
References

• 621 • 711 • 719 • 776 • 801 • 830 • 832

AOO 1A 1143 -18

Right Ascension	: 11h 43m 08.30s
Declination	: -18° 10' 37.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.033
Alternative Names	: H 1143-18.2, EQ 1143-181





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1291 Å	2272 Å	CEB	Flag
						10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹				
1	SWP 32417 L	47128.0	28 Nov 87	21600.0	32	47.39	6.28		3x7	D
2	LWP 12194 L	47129.0	29 Nov 87	5400.0	30	44.44		1.90	455	D
3	LWP 12195 L	47129.0	29 Nov 87	9000.0	38	56.30		1.53	xx9	D
4	SWP 32424 L	47129.0	29 Nov 87	2700.0	41	60.74	6.50		342	
5	LWP 12196 L	47130.0	30 Nov 87	3300.0	28	41.49		1.93	346	D
6	SWP 32425 L	47130.0	30 Nov 87	1500.0	28	41.49	5.90		232	
7	LWP 13268 L	47301.0	19 May 88	4800.0				1.10	353	
8	LWP 13269 L	47301.0	19 May 88	4800.0				1.18	345	
9	SWP 33570 L	47301.0	19 May 88	4800.0			4.79		352	
10	SWP 33571 L	47301.0	19 May 88	4200.0			4.85		352	
11	SWP 33572 L	47301.0	19 May 88	4800.0			3.36		45	

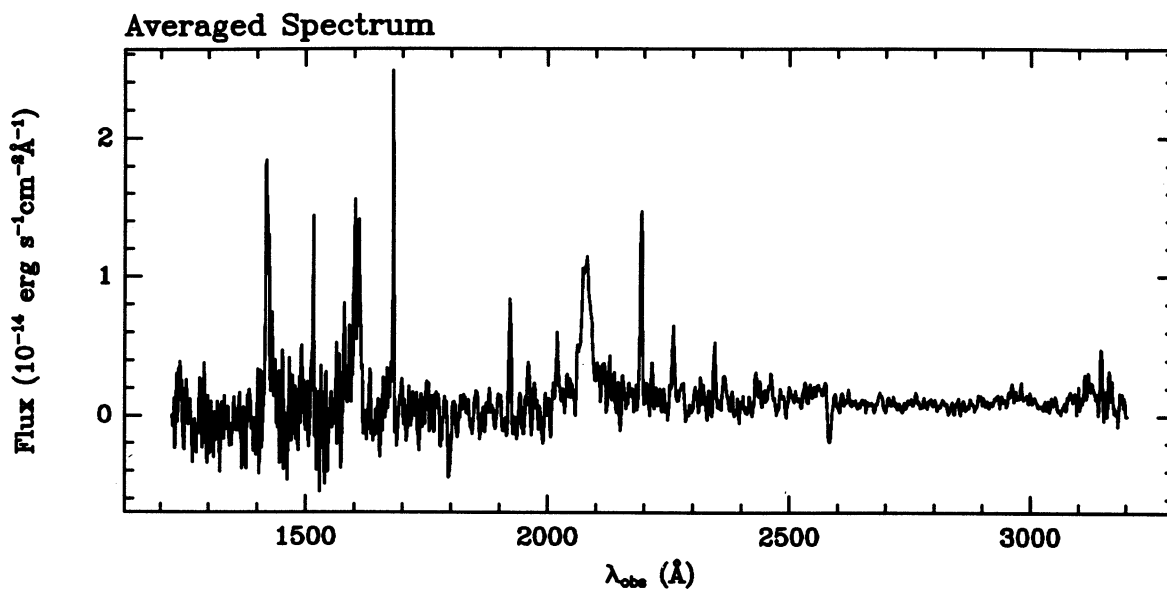
X-Ray Spectra

EINSTEIN • 302 • 959

EXOSAT • 465

QSO 1146-037

Right Ascension	:	11h 46m 23.90s
Declination	:	- 3° 47' 30.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.341
Alternative Names	:	PKS 1146-037

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1676 Å	2950 Å	CEB	Flag
1	LWR 11083 L	44803.0	17 Jul 81	14400.0				0.15		236
2	LWR 11084 L	44804.0	18 Jul 81	25200.0				0.14		336
3	LWR 11098 L	44805.0	19 Jul 81	39000.0				0.13		437
4	LWR 12158 L	44956.0	17 Dec 81	38700.0				0.11		335
5	SWP 32758 L	47181.0	20 Jan 88	21600.0			0.20			223

X-Ray Spectra

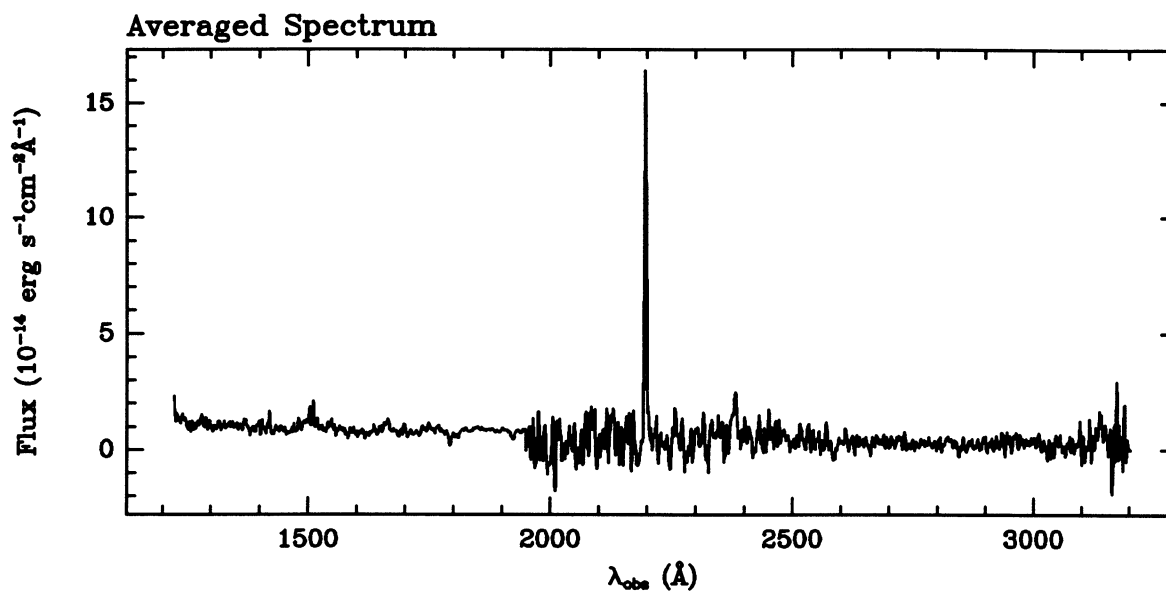
EINSTEIN	• 295	• 314	• 1132	• 1153
	• 1198			
EXOSAT	• 854	• 1590		

References

• 153	• 302	• 450	• 537	• 590	• 603	• 776	• 801
• 823	• 930						

PG 1148+549

Right Ascension	:	11h 48m 42.60s
Declination	:	54° 54' 13.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.969
Alternative Names	:	LB 2126, QSO 1148+549

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2461 Å	3000 Å	CEB	Flag
1	LWR 11052 L	44798.0	12 Jul 81	10800.0			1.13	0.73	342	
2	SWP 14454 L	44798.0	12 Jul 81	12000.0					304	
3	LWR 16290 L	45519.0	3 Jul 83	1800.0					002	SKY
4	LWR 16291 L	45519.0	3 Jul 83	3000.0			0.45	0.05	003	
5	LWR 16291 S	45519.0	3 Jul 83	3000.0					003	D
6	SWP 20376 L	45519.0	3 Jul 83	25860.0					303	
7	SWP 34522 L	47456.0	21 Oct 88	21600.0					309	

X-Ray Spectra

EINSTEIN • 225

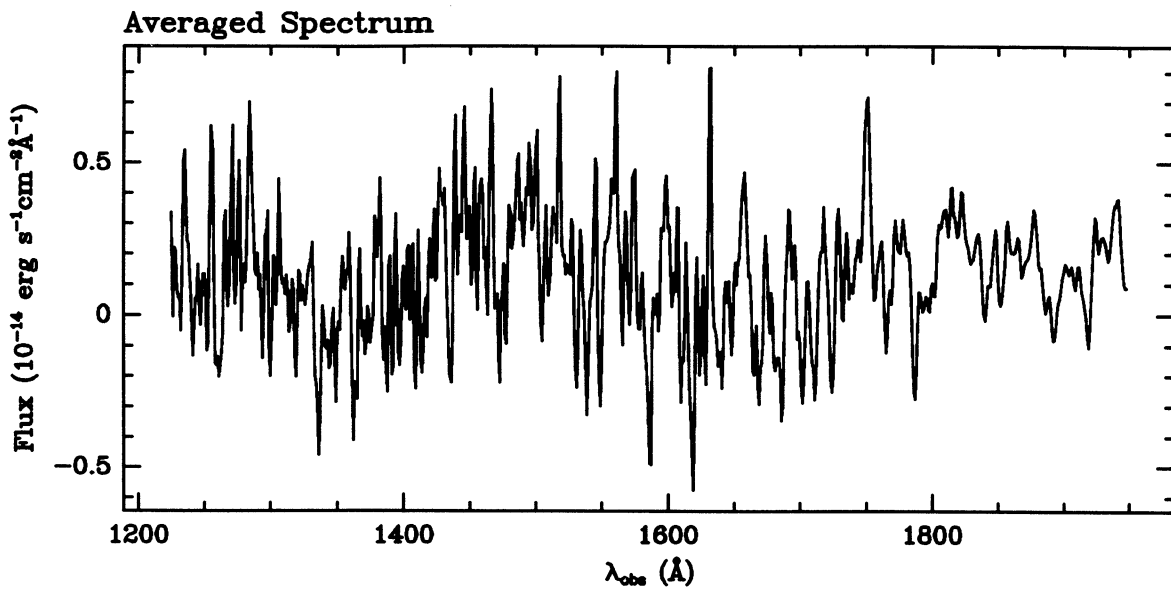
EXOSAT • 335 • 673 • 1252

References

• 621 • 729 • 741 • 801 • 830 • 832 • 842

QSO 1148+387

Right Ascension	:	11h 48m 53.27s
Declination	:	38° 42' 34.2"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.303
Alternative Names	:	4C 38.31, 6C 1148+3842

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 16411 L	45023.0	22 Feb 82	13500.0			0.29		202	

X-Ray Spectra

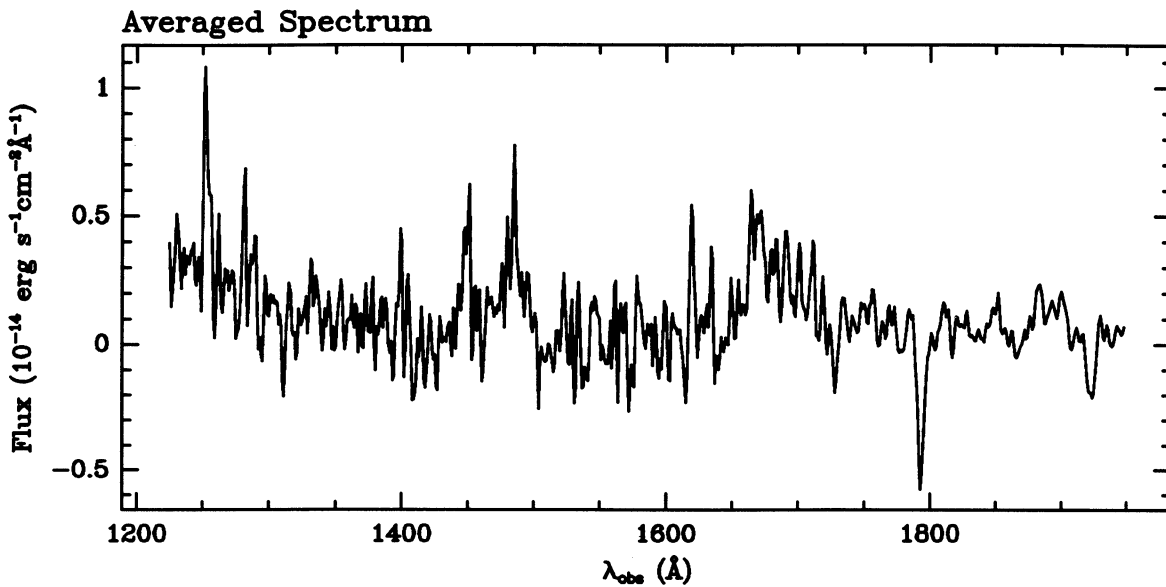
EXOSAT	• 436	• 536	• 539	• 545
	• 551	• 1256	• 1260	• 1263
	• 1328	• 1526	• 1541	• 1557
	• 1573	• 1574	• 1591	

References

- 842

QSO 1150+497

Right Ascension	:	11h 50m 47.98s
Declination	:	49° 47' 49.7"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.334
Alternative Names	:	4C 49.22, LB 2136



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1667 Å	2934 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 25220 L	46109.0	12 Feb 85	21900.0			0.31		05	
2	SWP 25220 S	46109.0	12 Feb 85	21900.0					05	
3	SWP 25221 L	46109.0	12 Feb 85	17100.0			0.03		07	
4	SWP 25221 S	46109.0	12 Feb 85	17100.0					07	
5	SWP 25229 L	46110.0	13 Feb 85	36480.0			0.44		339	
6	SWP 25229 S	46110.0	13 Feb 85	36480.0					339	D

X-Ray Spectra

EINSTEIN • 596

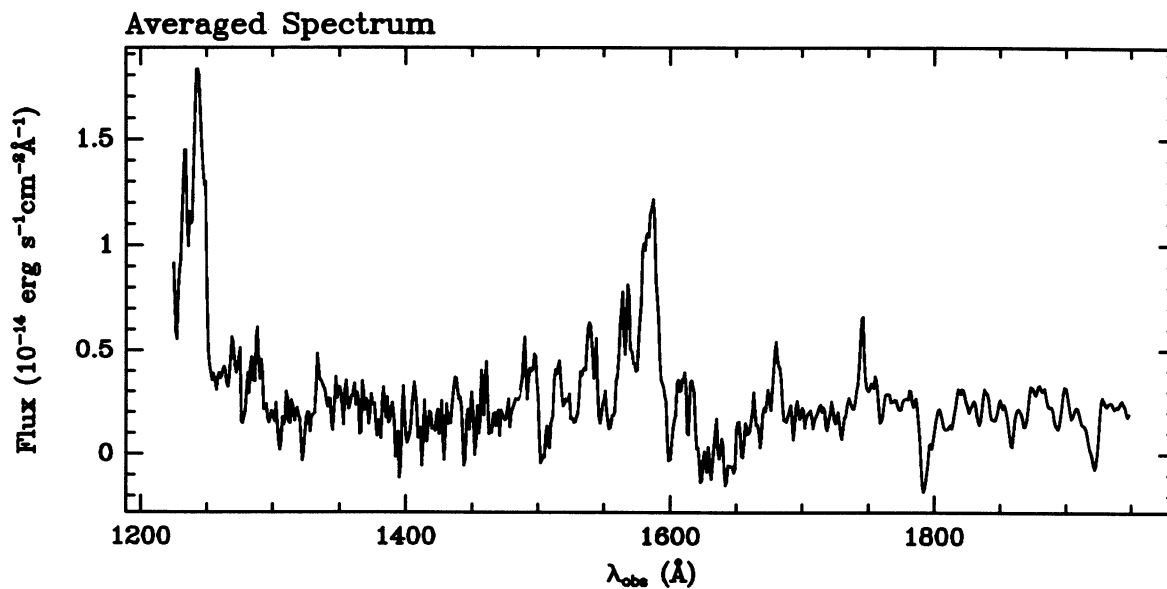
EXOSAT • 383 • 500 • 502 • 505

References

• 68 • 302 • 603

IC 2943

Right Ascension	:	11h 51m 05.30s
Declination	:	46° 29' 20.0"
Object Type	:	Seyfert 1
ULDA Type	:	84,85
Redshift	:	0.024
Alternative Names	:	MRK 41

**Observed Spectra**

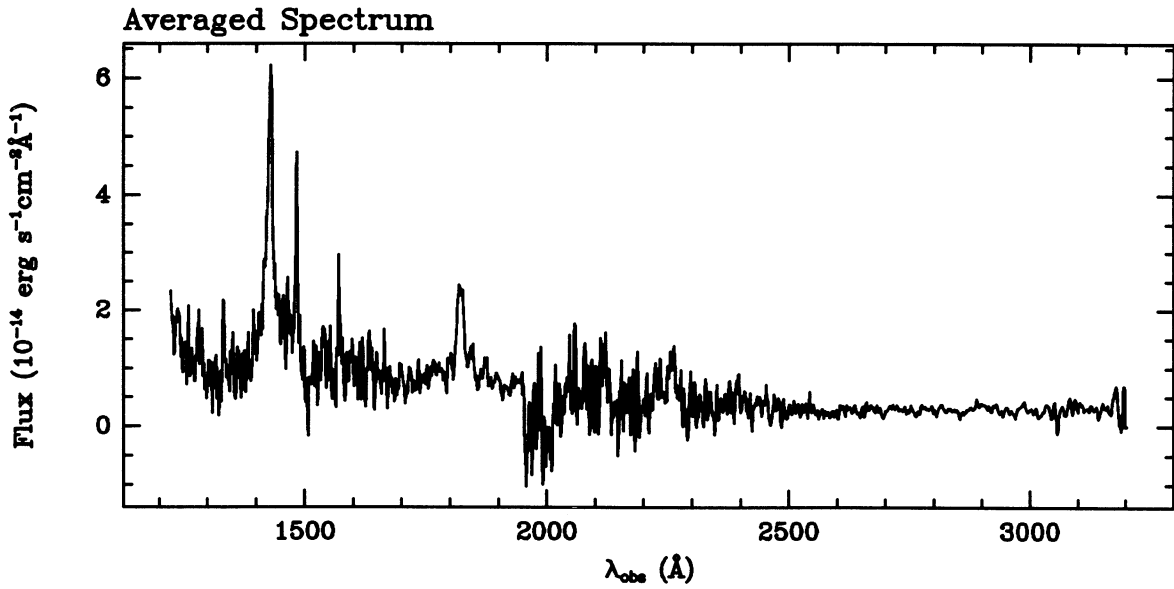
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1280 Å	2252 Å	CEB	Flag
1	SWP 32281 L	47109.0	9 Nov 87	10800.0			0.31			332
2	SWP 32954 L	47213.0	21 Feb 88	24000.0			0.35			336
3	SWP 33685 L	47314.0	1 Jun 88	18600.0			0.36			306

X-Ray Spectra

EXOSAT • 644 • 686 • 1607

PG 1151+117

Right Ascension	:	11h 51m 15.70s
Declination	:	11° 45' 10.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.176
Alternative Names	:	QSO 1151+117



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1470 Å	2587 Å	CEB	Flag
1	LWP 10042 L	46825.0	29 Jan 87	9900.0					05	D
2	SWP 30201 L	46826.0	30 Jan 87	9900.0			1.94		333	
3	LWP 10819 L	46940.0	24 May 87	10500.0				0.51	305	D

X-Ray Spectra

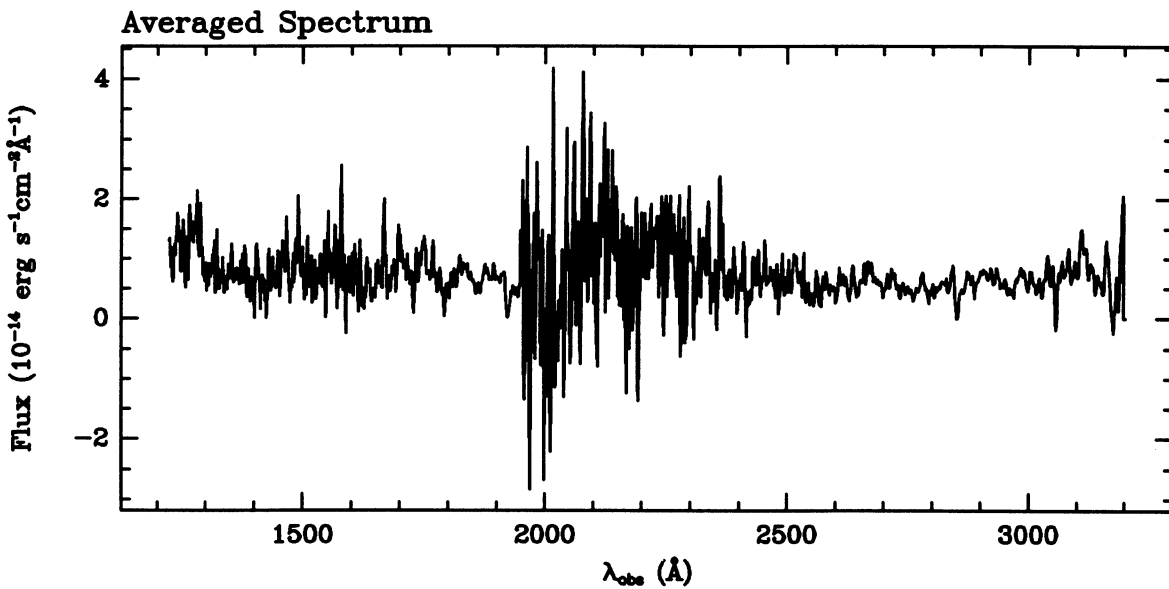
- EINSTEIN • 1206
- EXOSAT • 809 • 810

References

- 315 • 621 • 801 • 830 • 832

NGC 3982

Right Ascension	: 11h 53m 54.12s
Declination	: 55° 23' 00.5"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.003
Alternative Names	: UGC 6918, MCG+09-20-0036
	: IRAS 11538+5524, EQ 1153+554

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	LWP 10995 L	46960.0	13 Jun 87	7200.0	48	67.91			305	D
2	SWP 31144 L	46960.0	13 Jun 87	16800.0	50	70.74	1.26	1.07	305	

X-Ray Spectra

EINSTEIN • 567

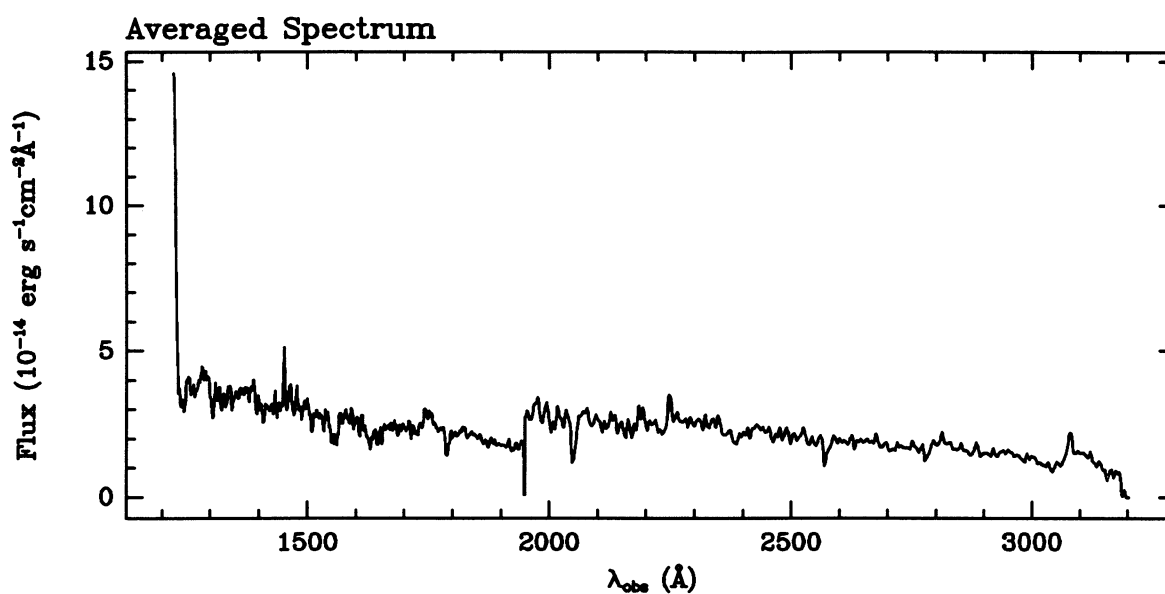
EXOSAT • 335 • 673 • 1252 • 2079

References

• 181 • 230 • 445 • 576 • 831

NGC 3991

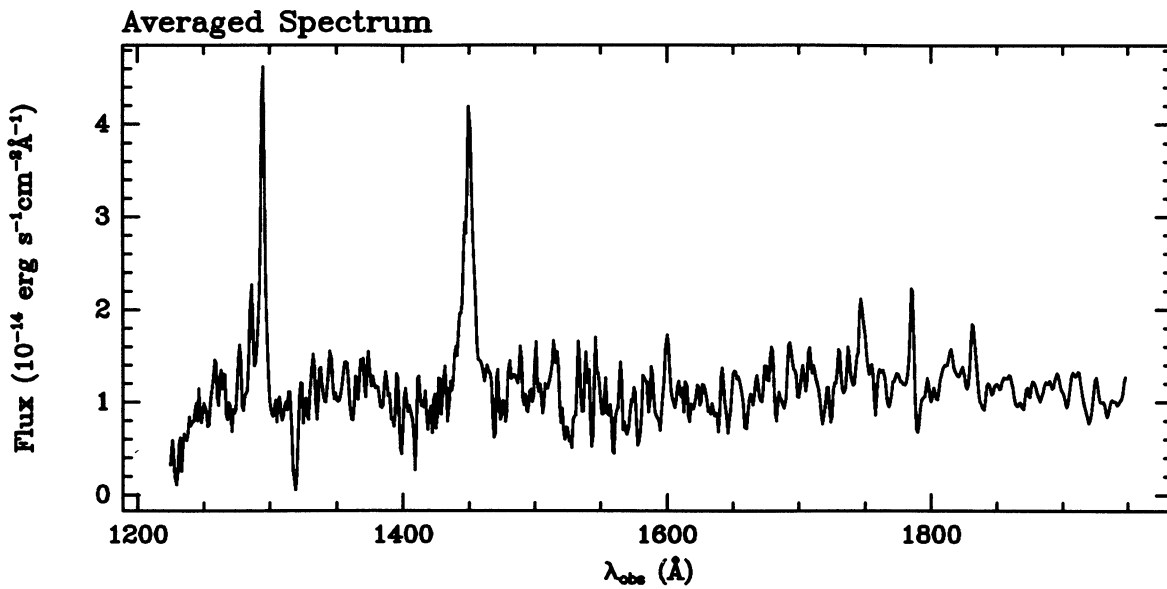
Right Ascension	:	11h 54m 55.00s
Declination	:	32° 37' 08.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.011
Alternative Names	:	UGC 6933, MCG+06-26-0060

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
											10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	
1	SWP	9181	L	44393.0	2 Jun 80	5400.0			7.26			342
2	LWR	7939	L	44394.0	3 Jun 80	19200.0				2.51		519
3	SWP	19218	L	45373.0	7 Feb 83	22560.0			0.23			203

NGC 3994

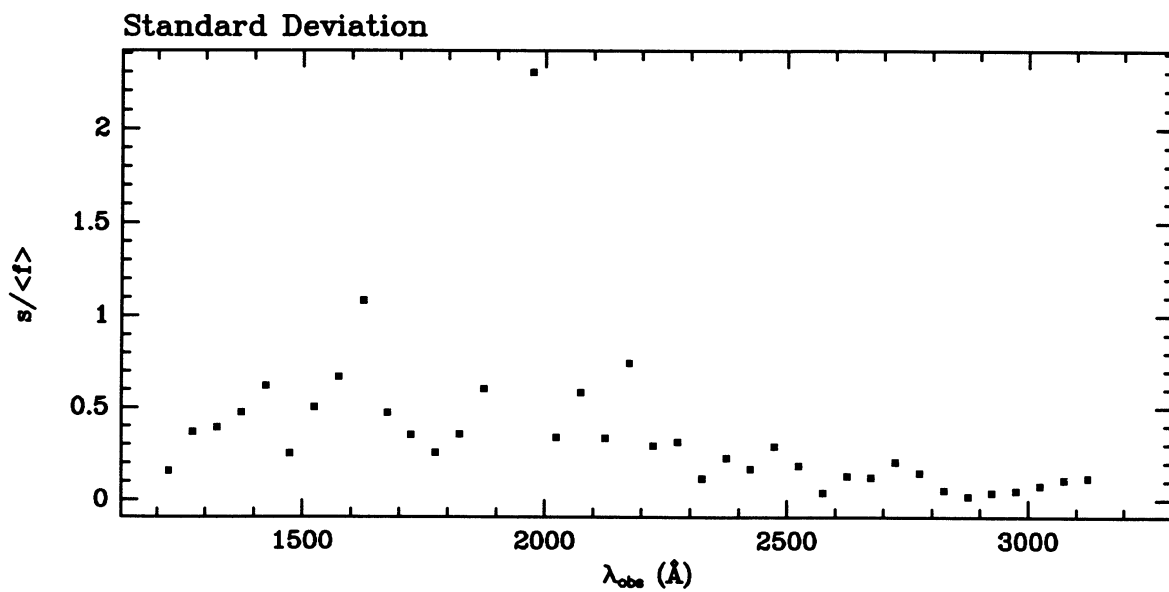
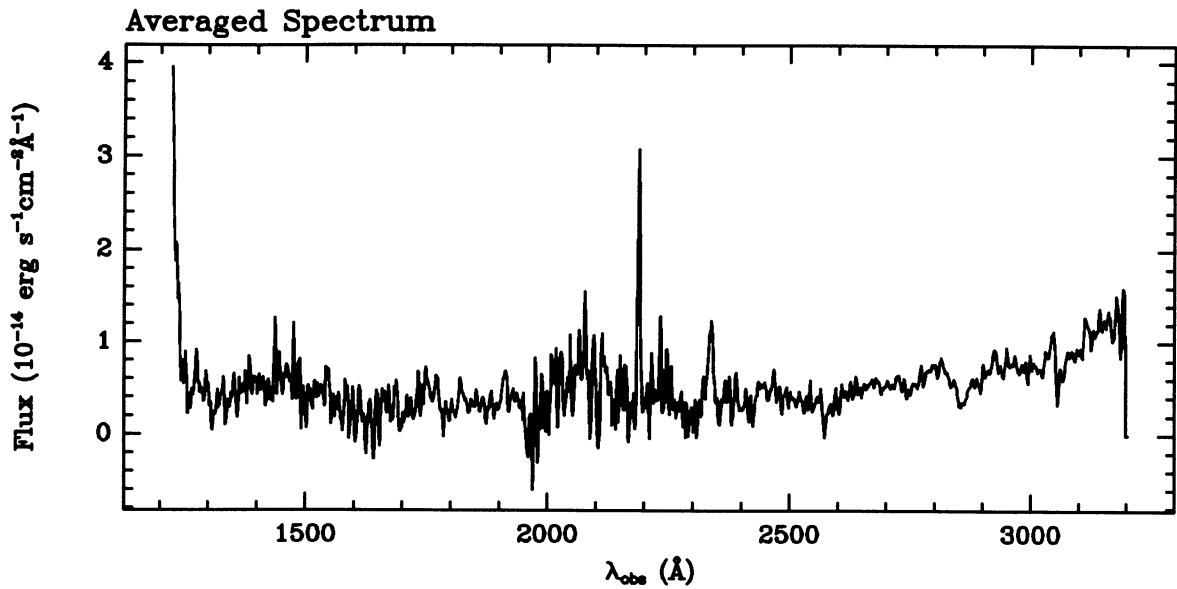
Right Ascension	:	11h 55m 02.30s
Declination	:	32° 33' 23.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	UGC 6936, MCG+06-26-0059
	:	ARK 337, CASG 138

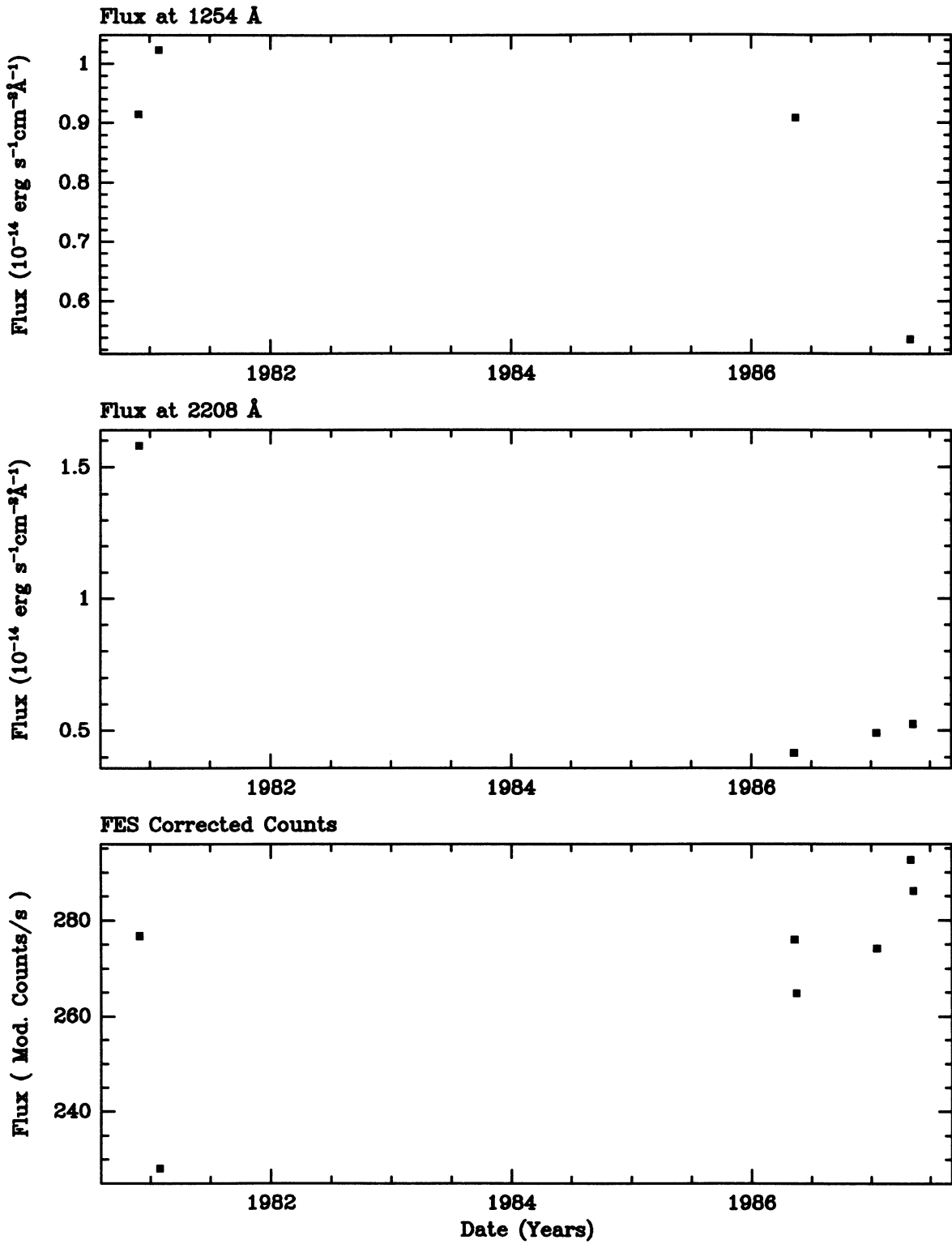
**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
1	SWP	14354	L	44784.0	28 Jun 81	18900.0	56	58.03	1.09			443

NGC 3998

Right Ascension	: 11h 55m 20.00s
Declination	: 55° 43' 54.0"
Object Type	: Seyfert 1
ULDA Type	: 86,88
Redshift	: 0.004
Alternative Names	: UGC 6946, MCG+09-20-0046





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	9399	L	44572.0	28 Nov 80	2400.0	270	276.88		1.58	203	
2	SWP	10695	L	44572.0	28 Nov 80	1800.0	270	276.88	0.92		121	
3	SWP	11178	L	44633.0	28 Jan 81	12600.0	222	228.27	1.02		302	
4	LWP	8174	L	46562.0	11 May 86	19800.0	214	276.11		0.42	339	D
5	SWP	28327	L	46568.0	17 May 86	22620.0	205	264.83	0.91		337	
6	LWP	9954	L	46814.0	18 Jan 87	22500.0	201	274.27		0.49	409	D
7	SWP	30898	L	46919.0	3 May 87	24600.0	209	292.62	0.54		307	
8	LWP	10742	L	46927.0	11 May 87	25500.0	204	286.19		0.53	409	D

X-Ray Spectra

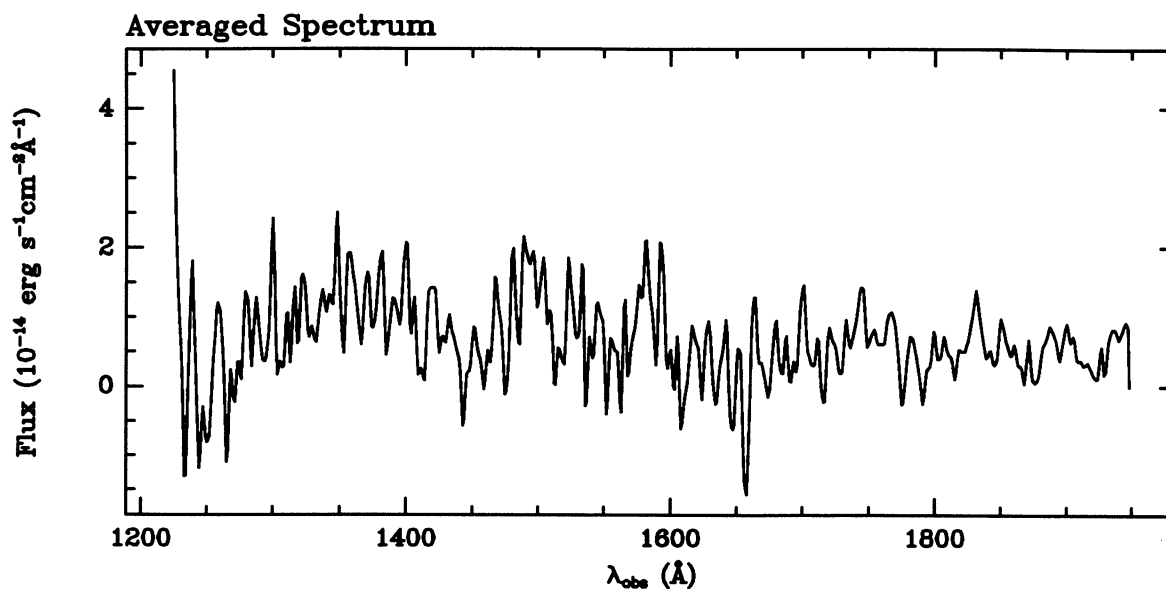
EINSTEIN • 564 • 567
EXOSAT • 335 • 1252 • 2079

References

• 93 • 176 • 197 • 230 • 278 • 384 • 576 • 754

NGC 4004

Right Ascension	: 11h 55m 31.10s
Declination	: 28° 09' 20.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.011
Alternative Names	: UGC 6950, MCG+05-28-0060
	: MRK 432, IRAS 11555+2809



Observed Spectra

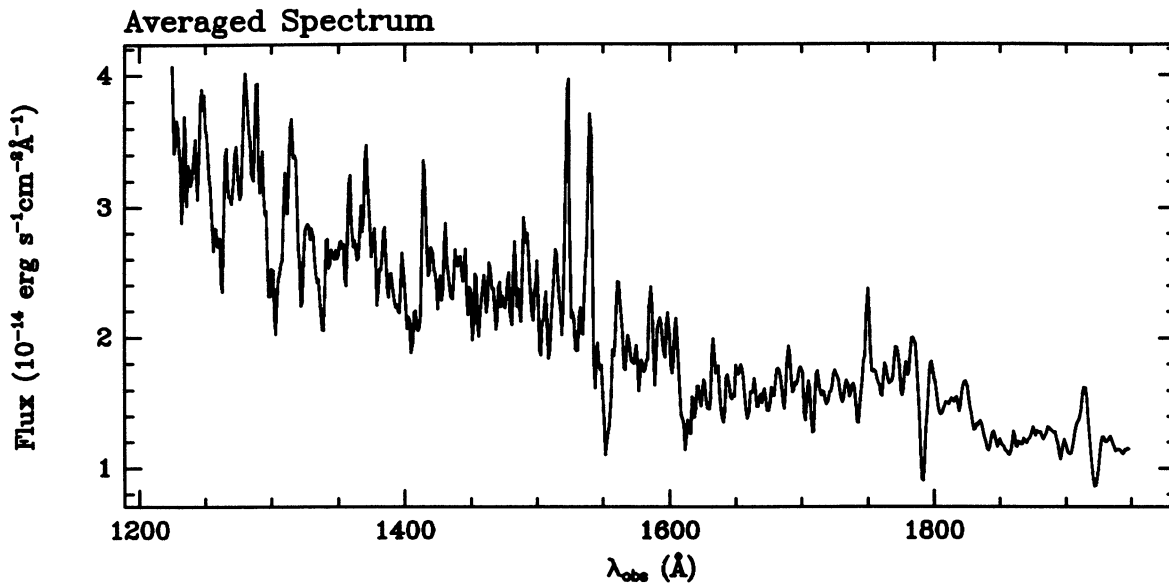
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
1	SWP 7304 L	44211.0	3 Dec 79	2580.0			0.24			201

References

- 34
- 274
- 620

AOO POX 36

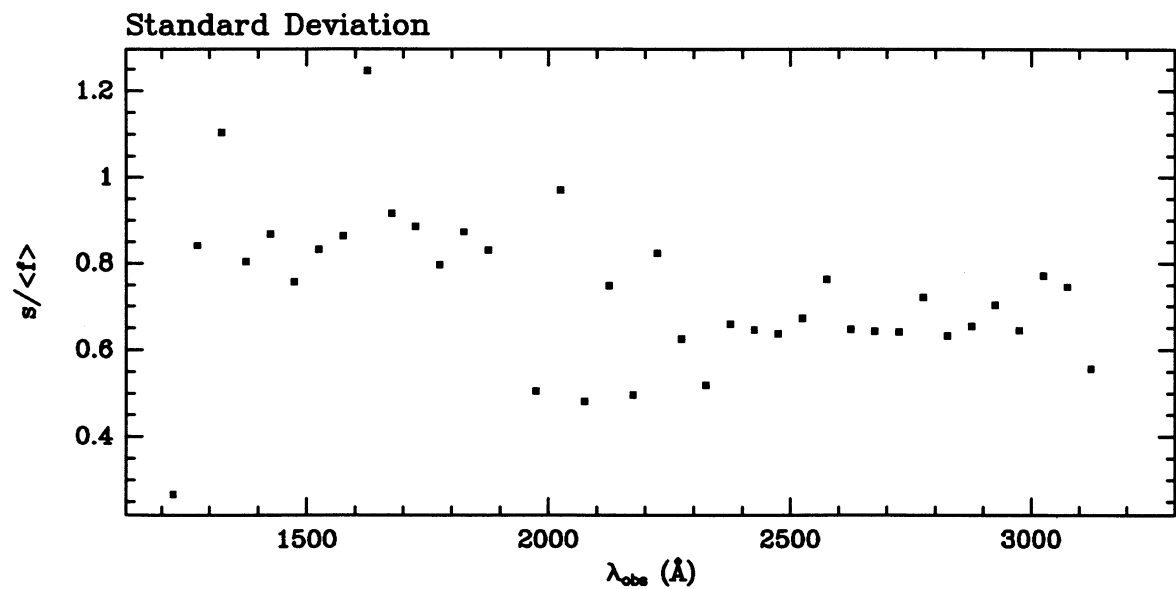
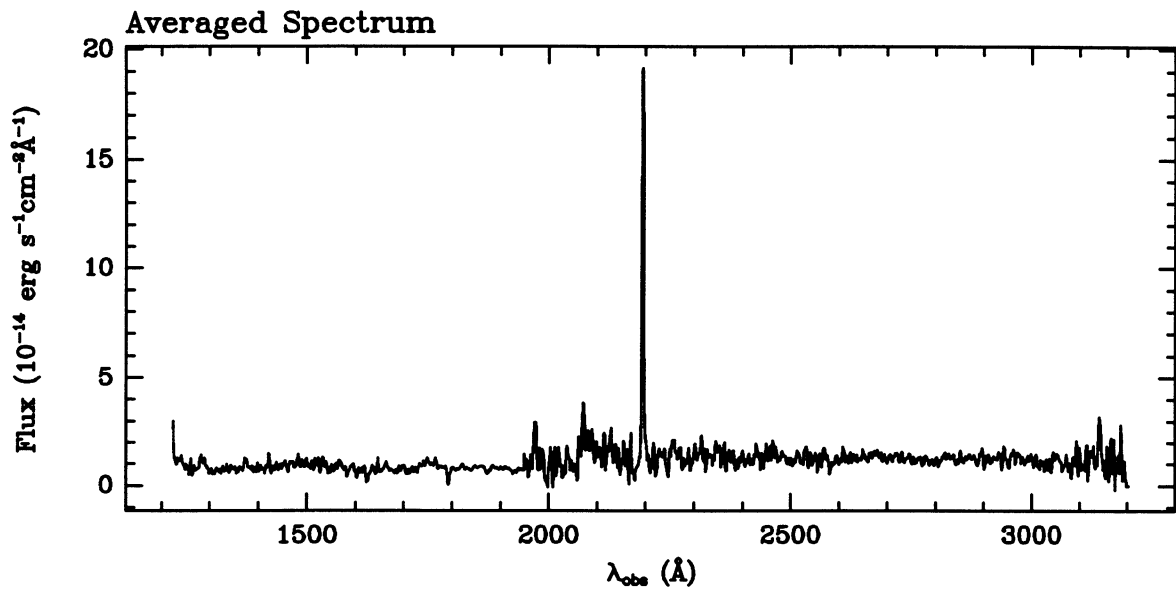
Right Ascension	:	11h 56m 24.00s
Declination	:	-18° 45' 02.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	SZ I 63

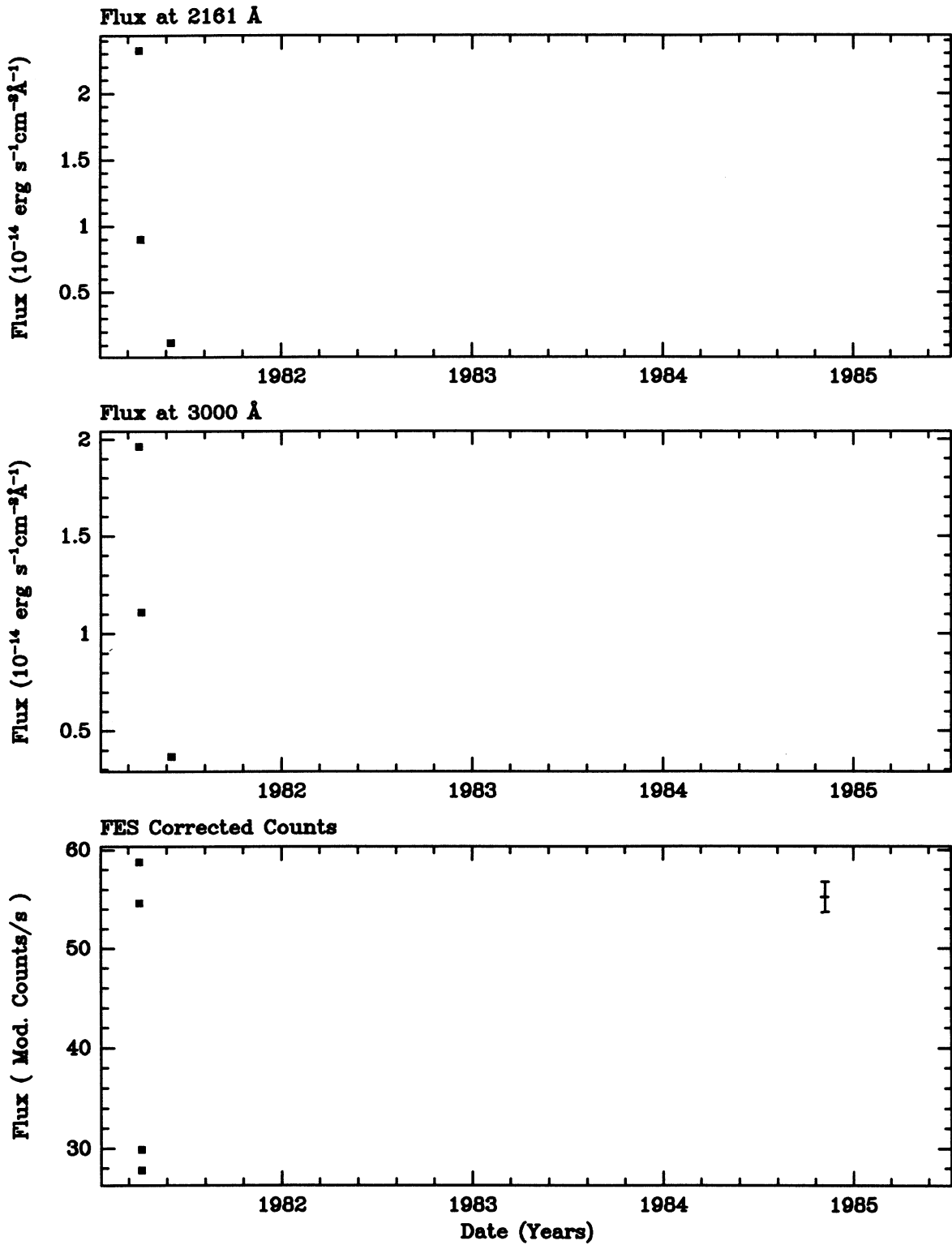
**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	SWP 18813 L	45321.0	17 Dec 82	48600.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			409

QSO 1156+295

Right Ascension	: 11h 56m 58.10s
Declination	: 29° 31' 24.0"
Object Type	: Quasar HP
ULDA Type	: 85
Redshift	: 0.729
Alternative Names	: 4C 29.45, TON 599, CTD 77
	: OM 295, H 1154+29.4





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2161 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	10283	L	44699.0	4 Apr 81	3600.0	57	58.80	2.33	1.96	302	
2	SWP	13653	L	44699.0	4 Apr 81	10800.0	53	54.67			303	
3	LWR	10312	L	44703.0	8 Apr 81	3600.0	27	27.86	0.90	1.11	302	
4	SWP	13679	L	44703.0	8 Apr 81	7200.0	29	29.92			302	
5	LWR	10785	L	44761.0	5 Jun 81	6300.0			0.12	0.37	302	
6	SWP	14191	L	44761.0	5 Jun 81	19620.0					304	D
7	SWP	16847	L	45088.0	28 Apr 82	3000.0					201	
8	SWP	20195	L	45497.0	11 Jun 83	11400.0					303	
9	SWP	21695	L	45674.0	5 Dec 83	10200.0					303	
10	SWP	23134	L	45851.0	30 May 84	7200.0					302	
11	SWP	24659	L	46045.0	10 Dec 84	9600.0					303	
12	SWP	25779	L	46182.0	26 Apr 85	11700.0					302	

X-Ray Spectra

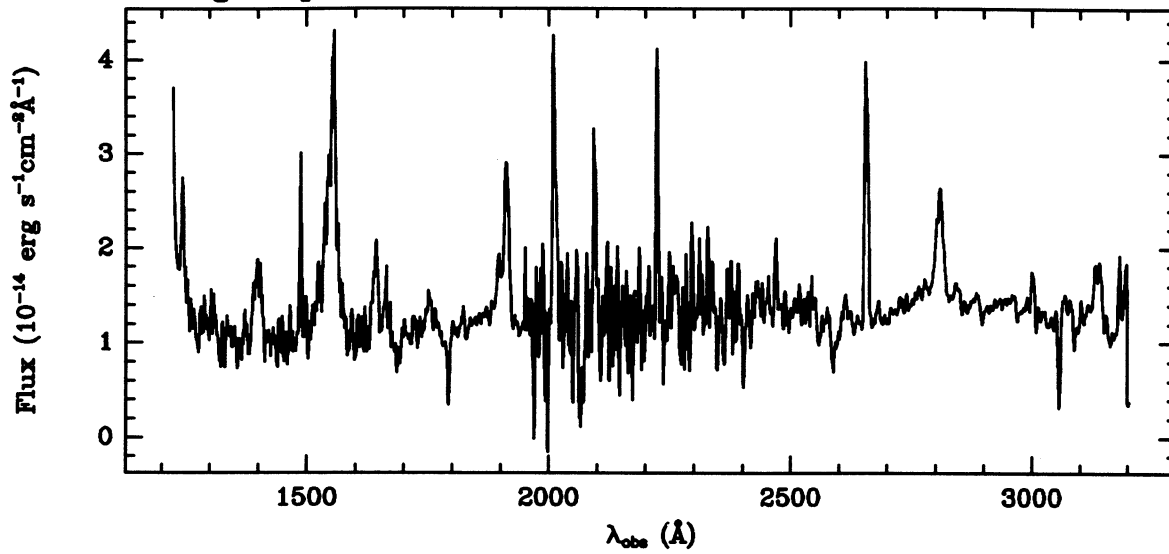
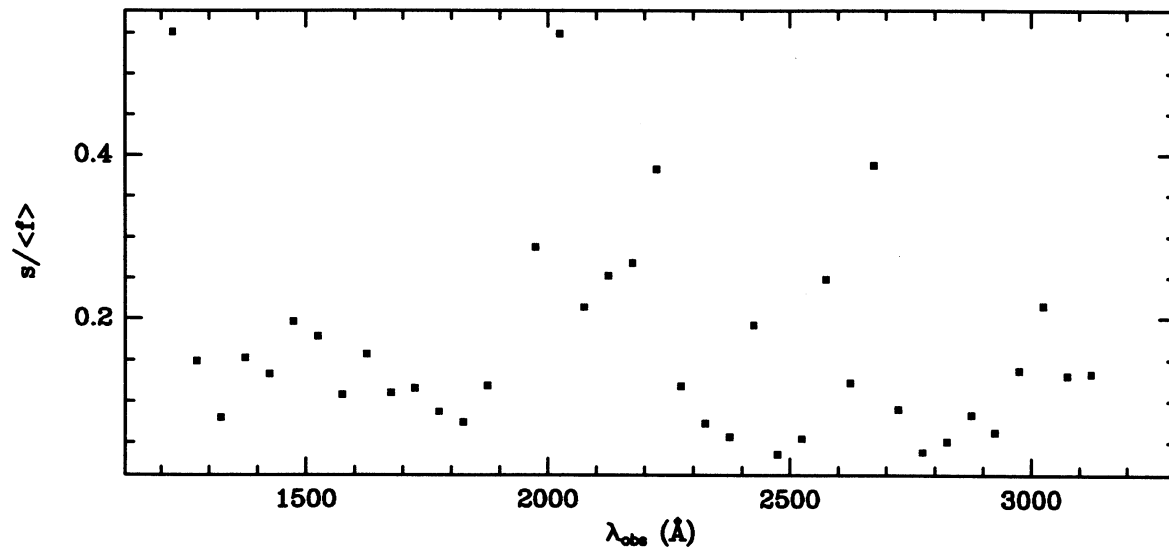
EXOSAT	• 372	• 386	• 393	• 403
	• 817	• 832	• 1274	• 1536
	• 1559	• 1572	• 1582	• 1595
	• 1609	• 1620	• 1628	• 1983

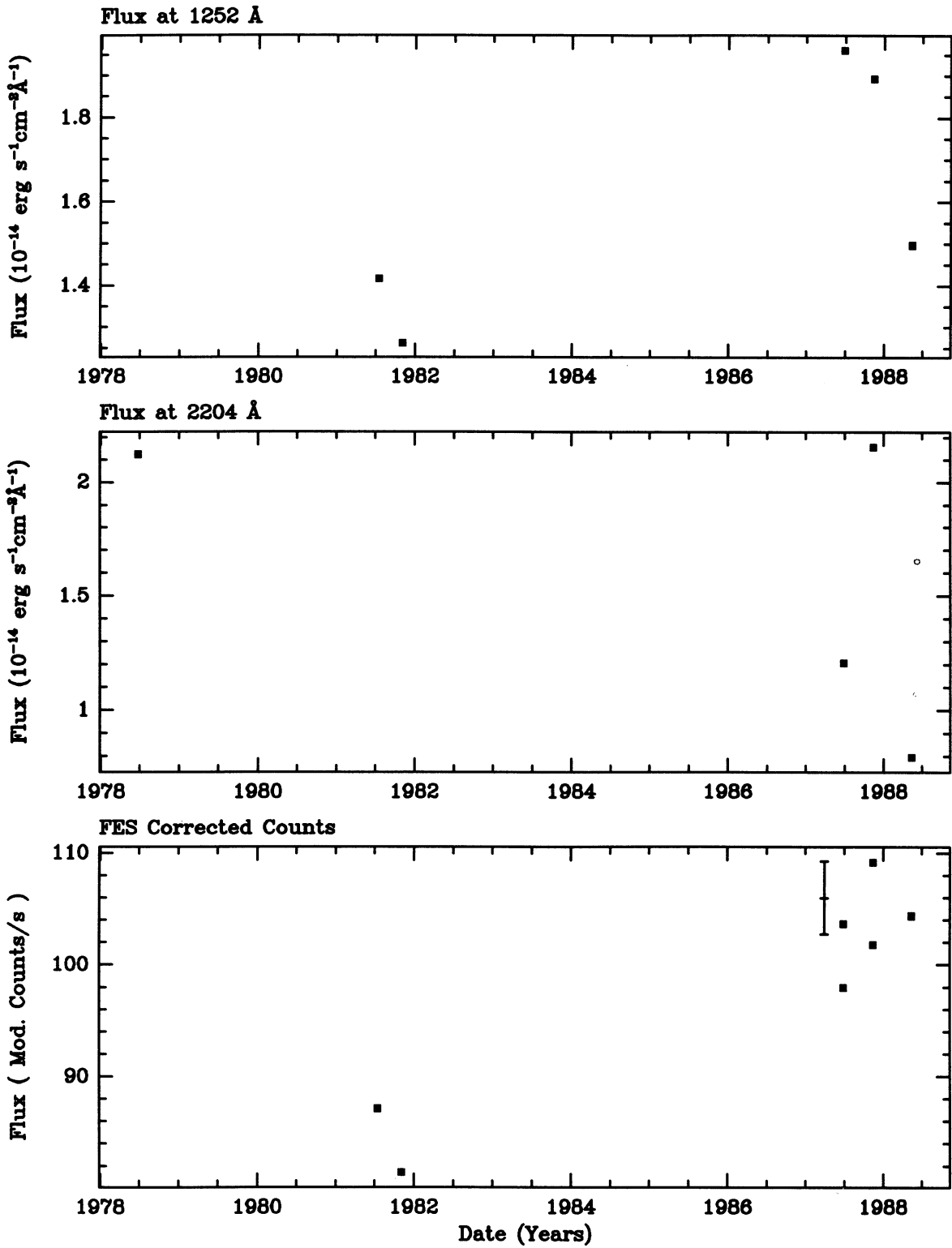
References

• 108	• 131	• 207	• 209	• 255	• 291	• 292	• 302
• 504	• 522	• 526	• 698	• 772			

NGC 4051

Right Ascension	: 12h 00m 36.12s
Declination	: 44° 48' 00.4"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.002
Alternative Names	: UGC 7030, MCG+08-22-0059
	: IRAS 12005+4448, EQ 1200+448

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag	
						cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 1728 L	43685.0	25 Jun 78	1800.0							
2	SWP 14486 L	44802.0	16 Jul 81	5700.0	84	87.13	1.42	2.12	3x1		
3	SWP 15413 L	44914.0	5 Nov 81	14400.0	78	81.46	1.26		343		
4	LWP 11100 L	46974.0	27 Jun 87	7200.0	73	103.65		1.21	454	D	
5	SWP 31258 L	46974.0	27 Jun 87	15000.0	69	97.97	1.96		344		
6	LWP 12092 L	47114.0	14 Nov 87	7200.0	74	109.16		2.16	454	D	
7	SWP 32325 L	47114.0	14 Nov 87	15900.0	69	101.79	1.89		346		
8	LWP 13231 L	47296.0	14 May 88	6600.0	67	104.37		0.80	451		
9	SWP 33531 L	47297.0	15 May 88	18000.0	67	104.40	1.50		341		

X-Ray Spectra

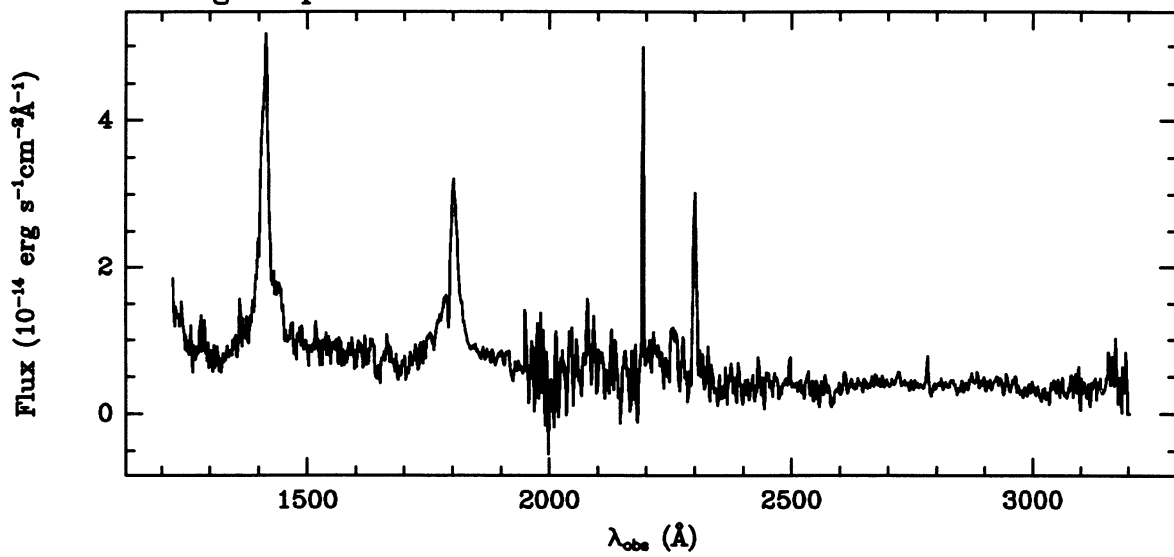
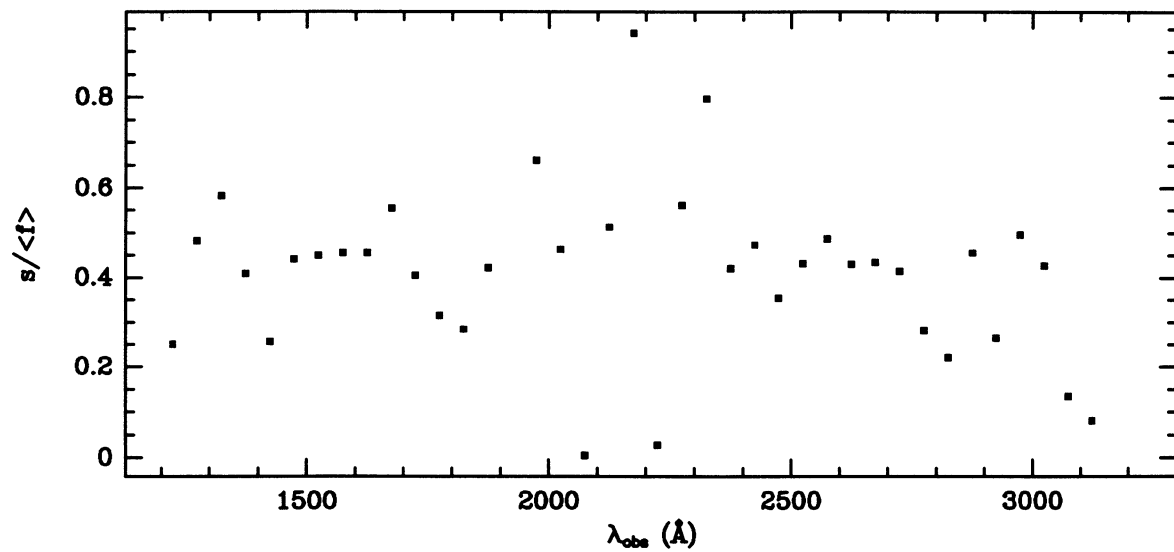
EINSTEIN	• 283	• 595	• 599		
EXOSAT	• 707	• 713	• 1535	• 1576	
	• 1938				

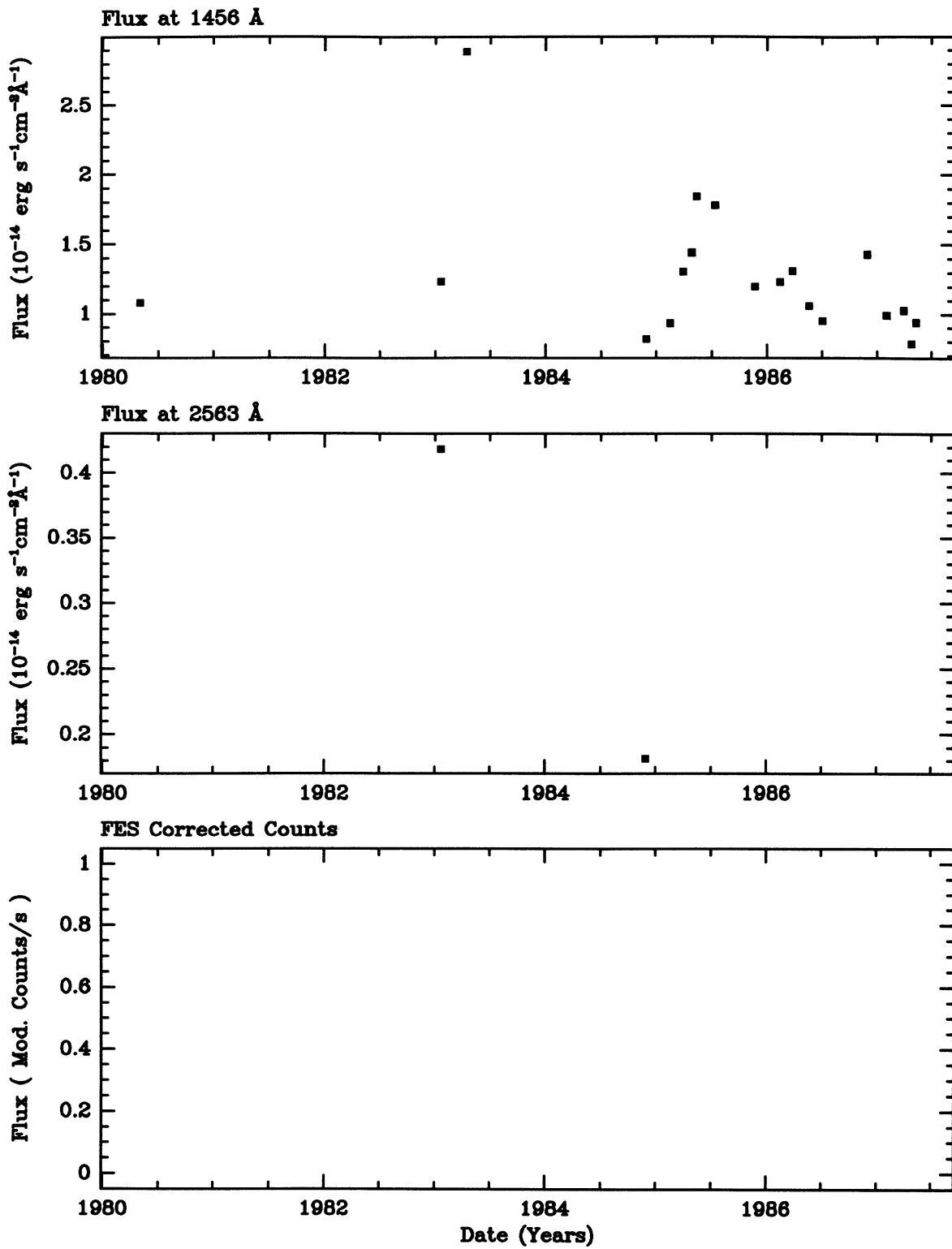
References

• 81	• 85	• 145	• 151	• 158	• 177	• 180	• 271
• 284	• 315	• 320	• 329	• 335	• 359	• 394	• 399
• 401	• 453	• 515	• 521	• 528	• 576	• 581	• 593
• 602	• 607	• 642	• 663	• 675	• 694	• 717	• 766
• 776	• 792	• 804	• 831	• 839	• 843	• 850	• 853
• 899	• 931						

V* GQ COM

Right Ascension	: 12h 02m 08.94s
Declination	: 28° 10' 53.4"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.165
Alternative Names	: QSO 1202+281, PG 1202+281

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1456 Å	2563 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP	8900	L	44363.0	3 May 80	12300.0			1.08		344	
2	LWR	15078	L	45355.0	20 Jan 83	7200.0				0.42	302	
3	SWP	19049	L	45355.0	20 Jan 83	10800.0			1.23		309	
4	SWP	19721	L	45439.0	14 Apr 83	9000.0			1.66		334	
5	LWP	4904	L	46034.0	29 Nov 84	9000.0				0.18	313	D
6	SWP	24580	L	46034.0	29 Nov 84	15420.0			0.82		342	
7	SWP	25257	L	46113.0	16 Feb 85	14400.0			0.94		305	
8	SWP	25551	L	46155.0	30 Mar 85	17100.0			1.31		346	
9	SWP	25798	L	46184.0	28 Apr 85	10200.0			1.45		332	
10	SWP	25933	L	46200.0	14 May 85	10200.0			1.85		333	
11	SWP	26411	L	46261.0	14 Jul 85	10200.0			1.78		343	
12	SWP	27166	L	46393.0	23 Nov 85	8400.0			1.20		243	
13	SWP	27710	L	46475.0	13 Feb 86	10800.0			1.24		335	
14	SWP	28033	L	46516.0	26 Mar 86	8100.0			1.31		334	
15	SWP	28346	L	46571.0	20 May 86	17400.0			1.06		344	
16	SWP	28604	L	46616.0	4 Jul 86	20400.0			0.95		347	
17	SWP	29781	L	46765.0	30 Nov 86	9300.0			1.43		332	
18	SWP	30237	L	46829.0	2 Feb 87	9420.0			0.99		332	
19	SWP	30679	L	46887.0	1 Apr 87	9420.0			1.03		332	
20	SWP	30870	L	46912.0	26 Apr 87	12000.0			0.79		344	
21	SWP	30958	L	46928.0	12 May 87	9900.0			0.94		332	

X-Ray Spectra

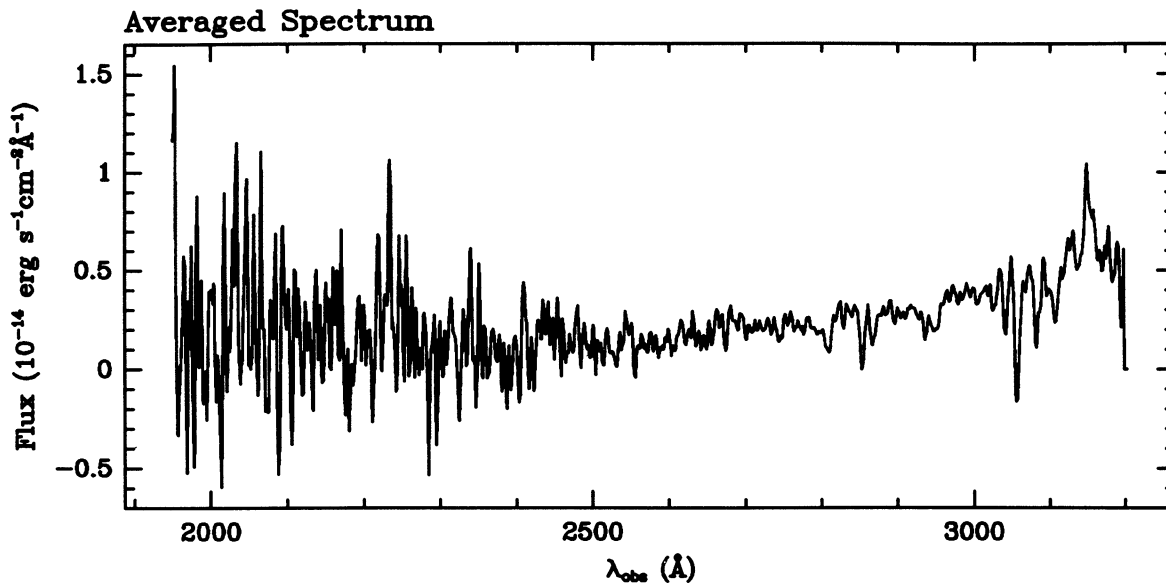
EINSTEIN	• 254	• 615	• 817	• 993
	• 998			
EXOSAT	• 439	• 440		

References

• 85	• 134	• 284	• 302	• 474	• 480	• 522	• 590
• 603	• 617	• 634	• 669	• 729	• 730	• 743	• 762
• 776	• 801	• 804	• 823	• 826	• 830	• 832	• 842
• 879	• 915	• 923	• 930				

NGC 4102

Right Ascension	: 12h 03m 51.30s
Declination	: 52° 59' 21.0"
Object Type	: Seyfert 3
ULDA Type	: 88
Redshift	: 0.003
Alternative Names	: UGC 7096, MCG+09-20-0094



Observed Spectra

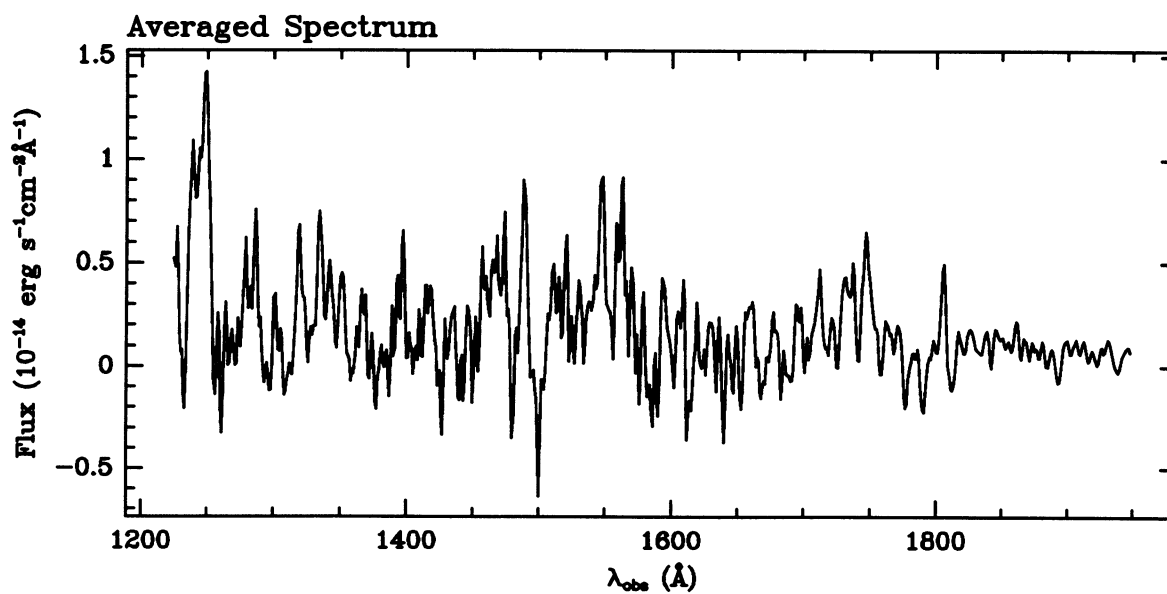
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	LWP 9950 L	46813.0	17 Jan 87	23100.0	102	139.15	0.17		309	D

References

- 136 • 197 • 576 • 831 • 836

AOO 1204 -137

Right Ascension	:	12h 04m 52.00s
Declination	:	13° 42' 00.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

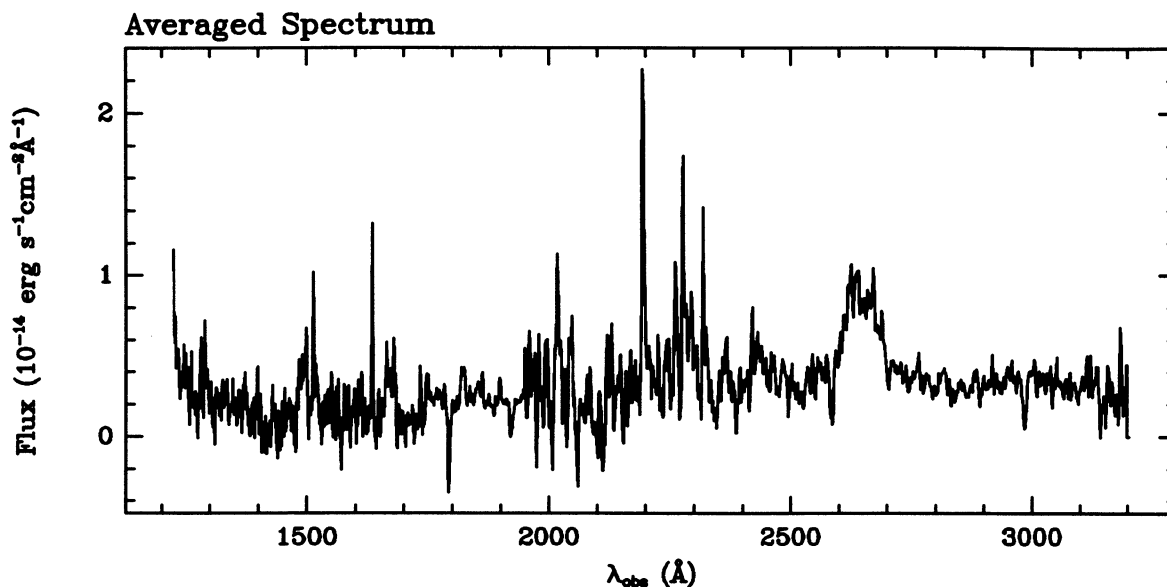


Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 11187 L	44634.0	29 Jan 81	18000.0			10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	0.43		233

PG 1206+459

Right Ascension	:	12h 06m 26.60s
Declination	:	45° 57' 17.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.158
Alternative Names	:	QSO 1206+459



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2697 Å	3000 Å	CEB	Flag
1	SWP 19074 L	45359.0	24 Jan 83	23400.0						202
2	LWR 15796 L	45447.0	22 Apr 83	25500.0			0.53	0.32		356
3	SWP 19805 L	45449.0	24 Apr 83	26100.0						307

X-Ray Spectra

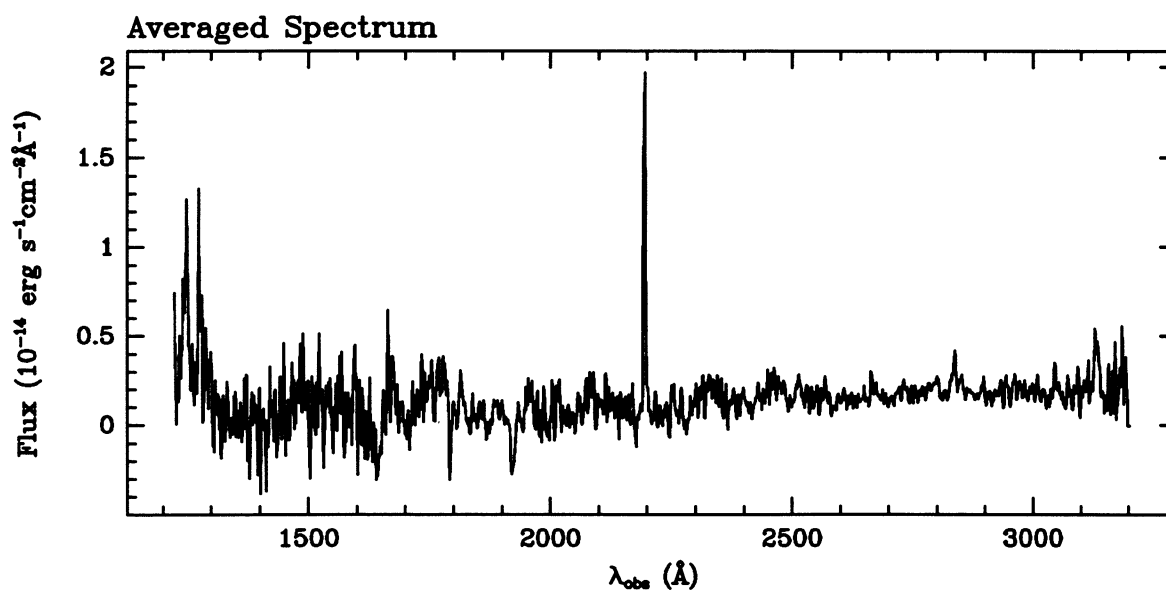
EXOSAT • 713 • 1535

References

• 460 • 621 • 741 • 801 • 830 • 832 • 842

MRK 198

Right Ascension	: 12h 06m 43.20s
Declination	: 47° 20' 07.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.024
Alternative Names	: MCG+08-22-0073, EQ 1206+473

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1280 Å	2252 Å	CEB	Flag
1	SWP 16842 L	45087.0	27 Apr 82	24600.0			0.36		224	
2	LWR 13234 L	45103.0	13 May 82	25740.0				0.08	229	

X-Ray Spectra

EINSTEIN	• 5	• 59	• 616	
EXOSAT	• 370	• 430	• 644	• 1607
	• 1959			

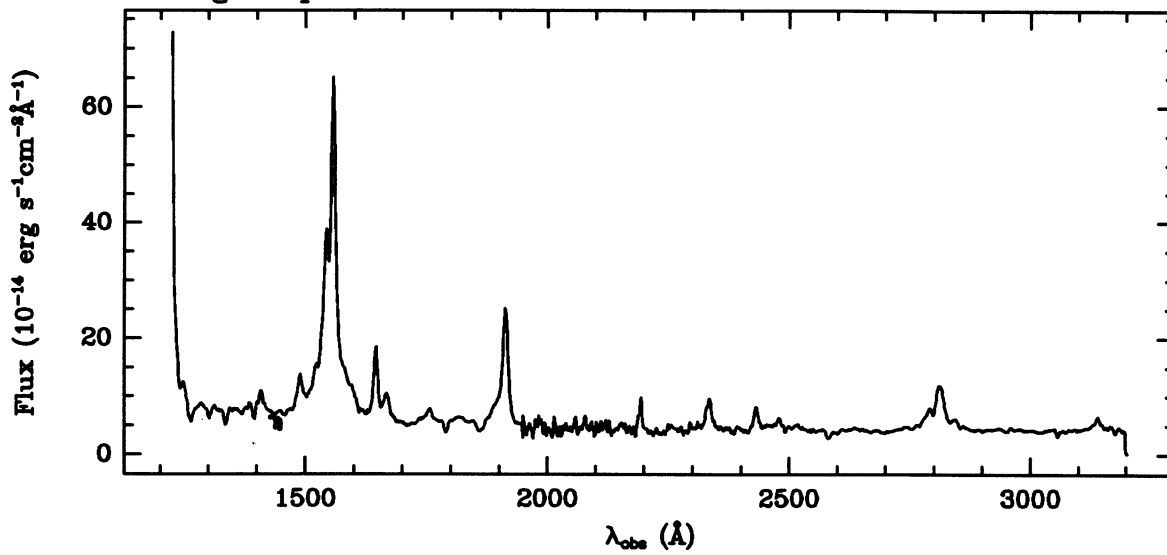
References

• 85	• 93	• 164	• 177	• 284	• 394	• 445	• 593
• 717							

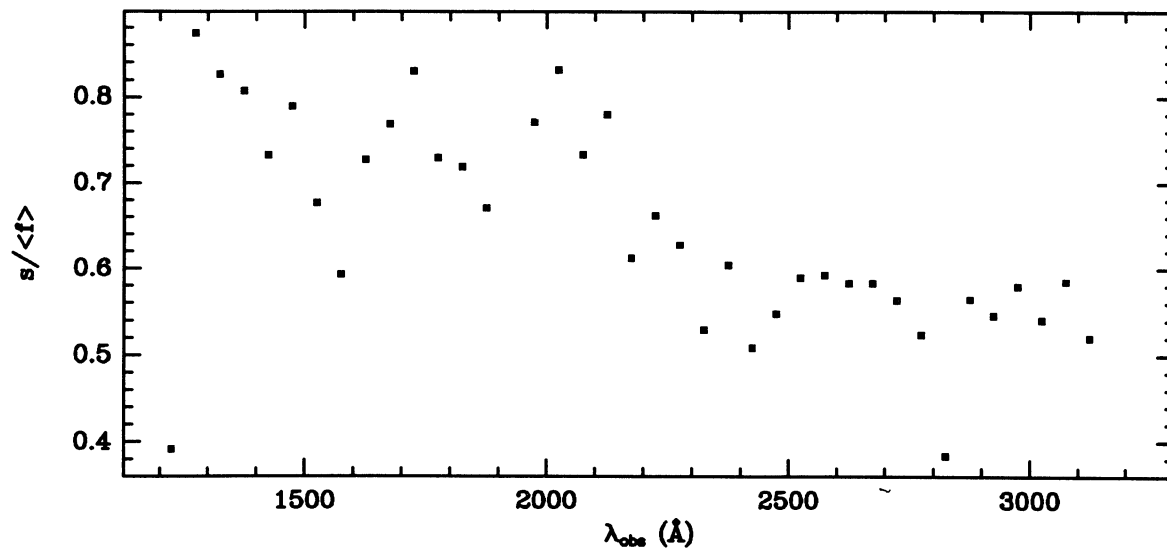
NGC 4151

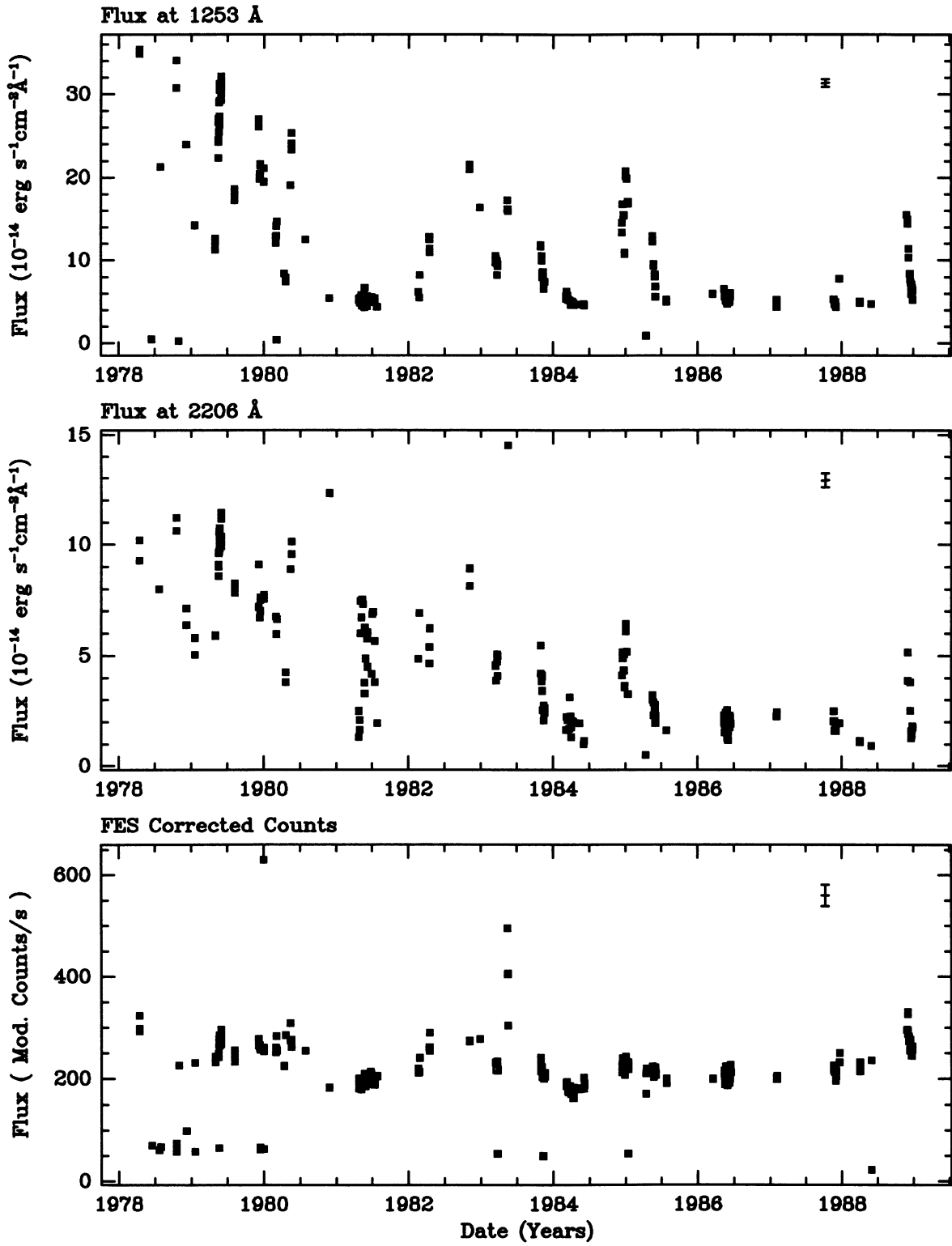
Right Ascension	: 12h 08m 01.06s
Declination	: 39° 41' 01.8"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.003
Alternative Names	: UGC 7166, MCG+07-25-0044, H 1208+39.7
	: 1E 1208.0+3941, 4U 1206+39, 2A 1207+397

Averaged Spectrum



Standard Deviation





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1325	L	43615.0	16 Apr 78	3600.0				9.29		
2	SWP	1371	L	43615.0	16 Apr 78	2400.0	294	297.68	34.87			
3	SWP	1372	L	43615.0	16 Apr 78	2400.0	290	293.63	35.39			
4	LWR	1326	L	43616.0	17 Apr 78	2400.0	320	324.00		10.21		
5	SWP	1373	S	43616.0	17 Apr 78	1200.0						
6	SWP	1373	L	43616.0	17 Apr 78	1200.0	295	298.69				D
7	LWR	1463	S	43638.0	9 May 78	3600.0						
8	SWP	1518	S	43640.0	11 May 78	14400.0						
9	SWP	1519	S	43640.0	11 May 78	3600.0						
10	LWR	1476	S	43641.0	12 May 78	7200.0						
11	SWP	1523	S	43641.0	12 May 78	7200.0						
12	SWP	1524	S	43641.0	12 May 78	7200.0						
13	SWP	1800	S	43677.0	17 Jun 78	4800.0						
14	SWP	1800	L	43677.0	17 Jun 78	4800.0	70	70.82	0.50			
15	SWP	1801	S	43677.0	17 Jun 78	1800.0						
16	SWP	1801	L	43677.0	17 Jun 78	1800.0	70	70.82	0.49			D
17	LWR	1885	L	43714.0	24 Jul 78	1800.0	61	61.69		8.00		
18	SWP	2171	L	43723.0	2 Aug 78	1800.0	67	67.75	21.31			45
19	LWR	2650	L	43801.0	19 Oct 78	1500.0	74	74.79		10.64		55
20	LWR	2651	L	43801.0	19 Oct 78	1500.0	61	61.65		11.21		55
21	SWP	3048	L	43801.0	19 Oct 78	1800.0	58	58.62	34.08			45
22	SWP	3048	S	43801.0	19 Oct 78	3600.0						35
23	SWP	3049	L	43801.0	19 Oct 78	1500.0	70	70.74	30.77			35
24	SWP	3049	S	43801.0	19 Oct 78	1500.0						35
25	LWR	2782	S	43813.0	31 Oct 78	4800.0						D
26	SWP	3199	S	43813.0	31 Oct 78	3000.0						
27	SWP	3199	L	43813.0	31 Oct 78	3000.0	224	226.37	0.27			D
28	LWR	3129	L	43852.0	9 Dec 78	1800.0	98	99.03		7.15		56
29	LWR	3130	L	43852.0	9 Dec 78	3600.0				6.39		56
30	SWP	3557	S	43852.0	9 Dec 78	3600.0						25
31	SWP	3557	L	43852.0	9 Dec 78	1800.0	98	99.03	24.01			36
32	LWR	3538	L	43895.0	21 Jan 79	1500.0	58	58.61		5.06		45
33	LWR	3539	L	43895.0	21 Jan 79	1500.0				5.82		45
34	SWP	3971	S	43895.0	21 Jan 79	3600.0						36
35	SWP	3971	L	43895.0	21 Jan 79	1500.0	58	58.61	14.30			35
36	SWP	3972	L	43895.0	21 Jan 79	1500.0	229	231.40	14.24			35
37	LWR	4450	L	43997.0	3 May 79	1500.0	231	233.53		5.90		45
38	LWR	4451	L	43997.0	3 May 79	1500.0				5.95		45
39	SWP	5100	L	43997.0	3 May 79	1500.0	230	232.52	11.28			45
40	SWP	5101	L	43997.0	3 May 79	1500.0	239	241.62	12.22			45
41	SWP	5102	L	43997.0	3 May 79	1500.0	241	243.64	12.51			45
42	SWP	5118	L	43998.0	4 May 79	1200.0				12.67		331
43	LWR	4543	L	44013.0	19 May 79	1500.0	247	249.73		9.62		45
44	LWR	4544	L	44013.0	19 May 79	2220.0				9.10		56
45	LWR	4545	L	44013.0	19 May 79	1320.0	247	249.73		9.66		45
46	LWR	4546	L	44013.0	19 May 79	2220.0				9.03		56
47	LWR	4547	L	44013.0	19 May 79	1380.0	240	242.66		8.59		45
48	SWP	5296	L	44013.0	19 May 79	1920.0	247	249.73	26.67			45
49	SWP	5297	L	44013.0	19 May 79	3000.0	247	249.73	26.87			56
50	SWP	5298	L	44013.0	19 May 79	1920.0	247	249.73	22.37			45
51	SWP	5299	L	44013.0	19 May 79	3000.0	247	249.73	27.10			56
52	SWP	5300	L	44013.0	19 May 79	1500.0	240	242.66	24.52			45
53	SWP	5301	L	44013.0	19 May 79	1680.0	240	242.66	24.30			45
54	LWR	4561	L	44015.0	21 May 79	1500.0				10.58		55
55	LWR	4562	L	44015.0	21 May 79	2220.0	65	65.72		9.70		56
56	SWP	5320	L	44015.0	21 May 79	1800.0	265	267.94	26.96			45
57	SWP	5321	L	44015.0	21 May 79	3000.0	274	277.04	29.04			56
58	SWP	5322	L	44015.0	21 May 79	1800.0	264	266.93	25.51			45
59	LWR	4567	L	44017.0	23 May 79	1500.0				9.84		45
60	LWR	4568	L	44017.0	23 May 79	1500.0	269	271.99		10.16		45
61	LWR	4569	L	44017.0	23 May 79	1500.0	272	275.02		10.19		45
62	SWP	5335	L	44017.0	23 May 79	1800.0	273	276.03	27.35			45
63	SWP	5336	L	44017.0	23 May 79	1800.0	278	281.09	27.02			45
64	SWP	5337	L	44017.0	23 May 79	1800.0	282	285.13	26.34			45
65	SWP	5338	L	44017.0	23 May 79	1800.0	263	265.92	27.28			45
66	LWR	4591	L	44019.0	25 May 79	1500.0				10.67		45

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
67	LWR	4592	L	44019.0	25 May 79	1500.0	265	267.95		10.75		45
68	LWR	4593	L	44019.0	25 May 79	1500.0	267	269.97		10.52		45
69	SWP	5348	L	44019.0	25 May 79	1800.0	262	264.91	30.52			46
70	SWP	5349	L	44019.0	25 May 79	1500.0	269	271.99	29.24			35
71	SWP	5350	L	44019.0	25 May 79	3000.0	270	273.00	31.27			57
72	SWP	5414	S	44025.0	31 May 79	1800.0						4x1
73	SWP	5414	L	44025.0	31 May 79	1800.0	280	283.13	29.36			4x1
74	LWR	4658	L	44026.0	1 Jun 79	1500.0				11.45		45
75	LWR	4659	L	44026.0	1 Jun 79	1500.0	293	296.28		10.34		46
76	LWR	4660	L	44026.0	1 Jun 79	1500.0	285	288.19		9.92		46
77	LWR	4661	L	44026.0	1 Jun 79	1500.0				11.16		45
78	LWR	4662	L	44026.0	1 Jun 79	1500.0	290	293.24		10.16		45
79	LWR	4663	L	44026.0	1 Jun 79	1500.0	2769			10.37		46
80	SWP	5421	L	44026.0	1 Jun 79	1500.0	270	273.02	31.00			36
81	SWP	5422	L	44026.0	1 Jun 79	1500.0	280	283.13	30.25			36
82	SWP	5423	L	44026.0	1 Jun 79	1500.0	280	283.13	32.12			36
83	SWP	5424	L	44026.0	1 Jun 79	1500.0	280	283.13	30.83			36
84	SWP	5425	L	44026.0	1 Jun 79	1530.0	265	267.96	31.59			36
85	LWR	5288	L	44093.0	7 Aug 79	1500.0	239	241.85		8.19		45
86	LWR	5289	L	44093.0	7 Aug 79	1500.0	236	238.82		8.17		45
87	LWR	5290	L	44093.0	7 Aug 79	1500.0				7.90		45
88	LWR	5291	L	44093.0	7 Aug 79	1500.0	243	245.90		8.26		45
89	SWP	6103	L	44093.0	7 Aug 79	1500.0	235	237.81	18.62			35
90	SWP	6104	L	44093.0	7 Aug 79	3000.0	231	233.76	18.17			46
91	SWP	6105	L	44093.0	7 Aug 79	1500.0	244	246.91	18.05			35
92	SWP	6106	L	44093.0	7 Aug 79	3000.0	240	242.87	18.44			46
93	SWP	6107	L	44093.0	7 Aug 79	1500.0	245	247.93	17.31			35
94	LWR	5292	L	44094.0	8 Aug 79	1500.0				7.83		45
95	LWR	5293	L	44094.0	8 Aug 79	1500.0	236	238.82		7.91		45
96	SWP	6108	L	44094.0	8 Aug 79	1500.0	253	256.02	17.93			35
97	LWR	6325	L	44215.0	7 Dec 79	4500.0				7.20		443
98	LWR	6326	L	44215.0	7 Dec 79	2700.0	274	277.84		9.12		352
99	SWP	7338	L	44215.0	7 Dec 79	4500.0	269	272.77	26.13			3x1
100	SWP	7339	L	44215.0	7 Dec 79	2700.0	261	264.66	27.05			351
101	LWR	6370	L	44220.0	12 Dec 79	3000.0	262	265.70		6.71		563
102	SWP	7378	S	44220.0	12 Dec 79	3000.0						351
103	SWP	7378	L	44220.0	12 Dec 79	1500.0	257	260.63	20.44			351
104	SWP	7379	S	44220.0	12 Dec 79	2520.0						351
105	SWP	7379	L	44220.0	12 Dec 79	1500.0	257	260.63	19.82			351
106	LWR	6378	L	44221.0	13 Dec 79	1500.0				7.01		352
107	LWR	6379	L	44221.0	13 Dec 79	1500.0	253	256.58		7.63		353
108	LWR	6380	L	44221.0	13 Dec 79	1500.0	66	66.93		7.52		353
109	SWP	7387	L	44221.0	13 Dec 79	1500.0	253	256.58	20.19			351
110	SWP	7388	L	44221.0	13 Dec 79	1500.0	253	256.58	21.62			351
111	SWP	7389	L	44221.0	13 Dec 79	1500.0	66	66.93	19.93			351
112	SWP	7390	L	44221.0	13 Dec 79	1500.0	64	64.91	20.38			351
113	SWP	7394	L	44221.0	13 Dec 79	899.0	62	62.88	21.46			350
114	LWR	6509	L	44240.0	1 Jan 80	1500.0	250	253.64		7.74		453
115	LWR	6510	L	44240.0	1 Jan 80	1500.0				7.57		453
116	SWP	7517	L	44240.0	1 Jan 80	1500.0	63	63.92	19.49			352
117	SWP	7518	L	44240.0	1 Jan 80	1500.0	257	260.74	19.47			361
118	SWP	7519	S	44240.0	1 Jan 80	3000.0						352
119	SWP	7519	L	44240.0	1 Jan 80	1500.0	621	630.05	21.12			352
120	LWR	7065	L	44300.0	1 Mar 80	1500.0	248	251.97		6.76		353
121	SWP	8098	L	44300.0	1 Mar 80	1500.0	257	261.12	12.10			251
122	SWP	8099	L	44300.0	1 Mar 80	2580.0	252	256.04	12.83			362
123	LWR	7095	L	44303.0	4 Mar 80	1500.0				5.98		354
124	SWP	8161	L	44303.0	4 Mar 80	1500.0	254	258.09	14.19			251
125	SWP	8162	L	44303.0	4 Mar 80	45420.0			0.39			3x9
126	SWP	8163	L	44303.0	4 Mar 80	1500.0	279	283.49	12.99			3x1
127	LWR	7105	L	44305.0	6 Mar 80	1500.0				6.65		453
128	SWP	8176	L	44305.0	6 Mar 80	1500.0	251	255.05	14.72			351
129	SWP	8177	L	44305.0	6 Mar 80	46200.0			0.39			3x9
130	SWP	8746	L	44343.0	13 Apr 80	1020.0	221	224.80	8.43			241
131	LWR	7570	L	44351.0	21 Apr 80	1500.0	280	284.88		4.26		342
132	LWR	7571	L	44351.0	21 Apr 80	2250.0				3.81		362
133	SWP	8795	S	44351.0	21 Apr 80	1500.0						131
134	SWP	8795	L	44351.0	21 Apr 80	1500.0	280	284.88	7.48			241

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
135	SWP	8796	L	44351.0	21 Apr 80	2250.0	280	284.88				251
136	LWR	7758	L	44375.0	15 May 80	1500.0	270	274.90				451
137	SWP	9000	L	44375.0	15 May 80	2400.0	303	308.50	19.10			460
138	LWR	7797	L	44379.0	19 May 80	1500.0	259	263.73			9.58	453
139	LWR	7798	L	44379.0	19 May 80	1500.0	265	269.84			10.14	453
140	SWP	9050	L	44379.0	19 May 80	1500.0	271	275.95		24.11		351
141	SWP	9051	L	44379.0	19 May 80	1500.0	263	267.81		23.35		351
142	SWP	9052	L	44379.0	19 May 80	2820.0	257	261.70		25.37		572
143	SWP	9627	L	44450.0	29 Jul 80	900.0	250	255.16	12.56			351
144	LWR	9392	L	44570.0	26 Nov 80	900.0	179	183.54			12.33	331
145	SWP	10682	L	44570.0	26 Nov 80	6300.0	178	182.52	5.44			353
146	LWR	10448	L	44721.0	26 Apr 81	1800.0					2.52	341
147	LWR	10449	L	44721.0	26 Apr 81	1500.0	176	181.76			1.33	353
148	SWP	13810	L	44721.0	26 Apr 81	1500.0	194	200.34	5.21			341
149	SWP	13811	L	44721.0	26 Apr 81	2400.0	187	193.12	5.37			351
150	LWR	10479	L	44725.0	30 Apr 81	1500.0	186	192.12			2.11	352
151	LWR	10480	L	44725.0	30 Apr 81	1500.0					1.66	352
152	SWP	13845	L	44725.0	30 Apr 81	1500.0	184	190.06	4.89			241
153	SWP	13846	L	44725.0	30 Apr 81	3000.0	190	196.25	5.32			361
154	LWR	10511	L	44729.0	4 May 81	1800.0	184	190.10		6.02		343
155	LWR	10512	L	44729.0	4 May 81	1500.0				7.47		343
156	SWP	13880	L	44729.0	4 May 81	1500.0	184	190.10	5.48			250
157	SWP	13881	L	44729.0	4 May 81	2400.0	189	195.26	5.04			261
158	SWP	13882	L	44729.0	4 May 81	3600.0	180	185.96	5.31			270
159	LWR	10543	L	44733.0	8 May 81	1800.0					6.73	342
160	SWP	13921	L	44733.0	8 May 81	9240.0	174	179.80	5.80			371
161	LWR	10574	L	44737.0	12 May 81	1500.0					7.53	342
162	LWR	10575	L	44737.0	12 May 81	1500.0	194	200.51			7.47	342
163	SWP	13961	L	44737.0	12 May 81	1500.0	181	187.08	4.51			231
164	SWP	13962	L	44737.0	12 May 81	3000.0	191	197.41	4.65			351
165	LWR	10630	L	44742.0	17 May 81	1800.0					7.32	352
166	SWP	13982	L	44742.0	17 May 81	1800.0	180	186.09	4.70			241
167	SWP	13983	L	44742.0	17 May 81	7200.0	190	196.43	5.17			361
168	LWR	10680	L	44748.0	23 May 81	1800.0	197	203.73		6.25		342
169	LWR	10681	L	44748.0	23 May 81	3600.0				3.80		352
170	SWP	14030	L	44748.0	23 May 81	1800.0	202	208.90	4.31			241
171	SWP	14031	L	44748.0	23 May 81	7200.0	195	201.66	5.49			361
172	LWR	10700	L	44750.0	25 May 81	1800.0	201	207.89		6.26		342
173	LWR	10701	L	44750.0	25 May 81	3000.0	193	199.62		3.30		353
174	SWP	14057	L	44750.0	25 May 81	3000.0	203	209.96	6.70			351
175	LWR	10748	L	44755.0	30 May 81	2700.0	195	201.74		4.88		352
176	SWP	14115	L	44755.0	30 May 81	1800.0	199	205.88	4.84			341
177	SWP	14116	L	44755.0	30 May 81	7200.0	180	186.22	5.61			361
178	LWR	10784	L	44761.0	5 Jun 81	1800.0	190	196.63			5.79	342
179	SWP	14189	L	44761.0	5 Jun 81	1800.0	200	206.98	4.48			241
180	SWP	14190	L	44761.0	5 Jun 81	5760.0	200	206.98	5.67			561
181	LWR	10813	L	44764.0	8 Jun 81	1800.0	191	197.70			6.07	352
182	SWP	14222	L	44764.0	8 Jun 81	1800.0	193	199.77	5.04			251
183	SWP	14223	L	44764.0	8 Jun 81	7200.0	183	189.42	5.38			371
184	LWR	10814	L	44765.0	9 Jun 81	2880.0	196	202.89		4.51		453
185	SWP	14332	L	44781.0	25 Jun 81	1800.0	207	214.46	5.47			351
186	SWP	14348	L	44783.0	27 Jun 81	1800.0	204	211.38	5.13			351
187	LWR	10968	L	44785.0	29 Jun 81	1800.0					4.19	352
188	SWP	14359	L	44785.0	29 Jun 81	1800.0	198	205.18	5.59			350
189	LWR	11004	L	44789.0	3 Jul 81	1500.0					6.89	253
190	SWP	14392	L	44789.0	3 Jul 81	1500.0	196	203.16	5.08			351
191	LWR	11019	L	44792.0	6 Jul 81	1800.0					6.97	361
192	SWP	14412	L	44792.0	6 Jul 81	3600.0	192	199.04	5.36			361
193	LWR	11071	L	44802.0	16 Jul 81	1800.0	197	204.34		5.67		342
194	LWR	11072	L	44802.0	16 Jul 81	1800.0	184	190.86		3.81		342
195	SWP	14495	L	44802.0	16 Jul 81	1800.0	189	196.05	4.96			241
196	SWP	14496	L	44802.0	16 Jul 81	6000.0	182	188.78	5.44			361
197	SWP	14573	L	44813.0	27 Jul 81	1800.0	198	205.51	4.39			241
198	LWR	11185	L	44815.0	29 Jul 81	7200.0					1.96	464
199	LWR	12639	L	45021.0	20 Feb 82	3600.0	209	219.87			4.87	464
200	SWP	16390	L	45021.0	20 Feb 82	3000.0	202	212.51	6.18			351
201	LWR	12681	L	45027.0	26 Feb 82	1800.0	203	213.65			6.93	353
202	SWP	16430	L	45027.0	26 Feb 82	2700.0	203	213.65	5.52			351

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				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
203	SWP	16450	L	45029.0	28 Feb 82	2700.0	229	241.05	8.24		353	
204	LWR	13037	L	45077.0	17 Apr 82	5400.0				4.66	4x3	
205	LWR	13038	L	45077.0	17 Apr 82	5400.0	246	259.86		5.41	453	
206	SWP	16784	L	45077.0	17 Apr 82	4140.0	248	261.98	12.83		352	
207	SWP	16785	L	45077.0	17 Apr 82	5400.0	248	261.98	12.57		355	
208	LWR	13041	L	45078.0	18 Apr 82	1800.0				6.24	342	
209	SWP	16787	L	45078.0	18 Apr 82	900.0	275	290.52	10.99		231	
210	SWP	16789	L	45078.0	18 Apr 82	900.0	241	254.60	11.42		331	
211	LWR	14573	L	45280.0	6 Nov 82	1800.0				8.93	452	
212	LWR	14574	L	45280.0	6 Nov 82	2400.0	254	272.85		8.16	563	
213	SWP	18489	L	45280.0	6 Nov 82	1500.0	255	273.92	21.58		350	
214	SWP	18490	L	45280.0	6 Nov 82	2700.0	256	275.00	21.04		351	
215	SWP	18903	L	45332.0	28 Dec 82	6300.0	258	278.47	16.41		353	
216	LWR	15508	L	45411.0	17 Mar 83	1800.0	213	231.66		4.59	343	
217	LWR	15509	L	45411.0	17 Mar 83	1560.0	213	231.66		4.55	342	
218	SWP	19470	L	45411.0	17 Mar 83	1800.0	214	232.75	9.81		250	
219	SWP	19471	L	45411.0	17 Mar 83	4200.0	214	232.75	10.57		360	
220	LWR	15525	L	45414.0	20 Mar 83	1800.0				3.88	353	
221	SWP	19494	L	45414.0	20 Mar 83	1800.0	200	217.58	10.19		251	
222	SWP	19495	L	45414.0	20 Mar 83	6060.0	205	223.02	9.77		371	
223	LWR	15566	L	45418.0	24 Mar 83	2100.0	50	54.42		5.08	452	
224	LWR	15567	L	45418.0	24 Mar 83	2400.0	213	231.82		4.75	452	
225	SWP	19528	L	45418.0	24 Mar 83	1800.0	215	234.00	8.27		351	
226	SWP	19529	L	45418.0	24 Mar 83	3600.0	212	230.73	9.94		361	
227	LWR	15589	L	45421.0	27 Mar 83	2100.0				5.01	452	
228	LWR	15590	L	45421.0	27 Mar 83	2100.0	199	216.65		4.09	452	
229	SWP	19555	L	45421.0	27 Mar 83	1800.0	50	54.43	9.57		351	
230	SWP	19556	L	45421.0	27 Mar 83	3600.0	200	217.74	9.32		362	
231	SWP	20002	L	45471.0	16 May 83	720.0	453	495.69	17.27		337	
232	SWP	20012	L	45472.0	17 May 83	1020.0	370	404.91	16.22		334	
233	LWP	1874	L	45473.0	18 May 83	1200.0	372	407.14		14.51	453	D
234	SWP	20021	L	45473.0	18 May 83	1200.0	278	304.26	15.96		341	
235	LWP	2181	L	45638.0	30 Oct 83	1800.0	204	227.38		5.48	353	D
236	LWP	2182	L	45638.0	30 Oct 83	1800.0	200	222.92		4.21	352	D
237	SWP	21408	L	45638.0	30 Oct 83	3000.0	217	241.86	11.69		350	
238	SWP	21409	L	45638.0	30 Oct 83	2400.0	193	215.11	11.88		351	
239	LWP	2216	L	45643.0	4 Nov 83	1800.0	196	218.59		3.87	353	D
240	LWP	2217	L	45643.0	4 Nov 83	2100.0	194	216.36		4.13	354	D
241	SWP	21449	L	45643.0	4 Nov 83	3000.0	193	215.24	10.54		351	
242	SWP	21450	L	45643.0	4 Nov 83	3000.0	200	223.05	9.98		351	
243	LWP	2241	L	45646.0	7 Nov 83	1800.0	187	208.62		4.09	351	D
244	LWP	2242	L	45646.0	7 Nov 83	2100.0	183	204.16		3.43	351	D
245	SWP	21470	L	45646.0	7 Nov 83	2700.0	188	209.74	8.49		350	
246	SWP	21471	L	45646.0	7 Nov 83	3900.0	187	208.62	8.03		360	
247	LWP	2254	L	45650.0	11 Nov 83	3000.0	45	50.23		2.56	462	D
248	SWP	21515	L	45650.0	11 Nov 83	2700.0	190	212.07	8.63		351	
249	SWP	21516	L	45650.0	11 Nov 83	3960.0	186	207.61	8.11		362	
250	LWP	2269	L	45654.0	15 Nov 83	1800.0	180	201.00		2.09	353	D
251	LWP	2270	L	45654.0	15 Nov 83	2100.0	190	212.17		2.76	353	D
252	SWP	21547	L	45654.0	15 Nov 83	3000.0	182	203.24	7.36		351	
253	SWP	21548	L	45654.0	15 Nov 83	3600.0	182	203.24	6.59		351	
254	LWP	2296	L	45658.0	19 Nov 83	1800.0	188	210.04		2.43	352	D
255	LWP	2297	L	45658.0	19 Nov 83	2400.0	190	212.27		2.64	362	D
256	SWP	21578	L	45658.0	19 Nov 83	7200.0	184	205.57	7.46		361	
257	LWP	2902	L	45766.0	6 Mar 84	1800.0	165	186.80		1.66	351	D
258	SWP	22425	L	45766.0	6 Mar 84	3600.0	169	191.33	5.67		350	
259	SWP	22426	L	45766.0	6 Mar 84	2700.0	170	192.46	5.40		250	
260	LWP	2918	L	45770.0	10 Mar 84	1800.0	172	194.82		2.25	352	D
261	SWP	22454	L	45770.0	10 Mar 84	2400.0	167	189.16	6.28		350	
262	SWP	22455	L	45770.0	10 Mar 84	5580.0	169	191.42	6.02		361	
263	LWP	2948	L	45774.0	14 Mar 84	1800.0	160	181.32		2.11	353	D
264	SWP	22487	L	45774.0	14 Mar 84	2400.0	157	177.92	5.76		351	
265	SWP	22488	L	45774.0	14 Mar 84	4320.0	160	181.32	5.47		351	
266	LWP	2977	L	45778.0	18 Mar 84	2100.0	158	179.15		2.15	351	D
267	SWP	22515	L	45778.0	18 Mar 84	2700.0	154	174.61	5.25		352	
268	SWP	22516	L	45778.0	18 Mar 84	5100.0	164	185.95	5.31		362	
269	LWP	3005	L	45782.0	22 Mar 84	1395.0	155	175.83		1.71	341	D
270	LWP	3020	L	45785.0	25 Mar 84	1800.0	164	186.12		3.13	341	D

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							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
271	SWP	22580	L	45785.0	25 Mar 84	3300.0	163	184.98	5.21		350	
272	LWP	3059	L	45790.0	30 Mar 84	1800.0	151	171.47		2.27	352	D
273	SWP	22622	L	45790.0	30 Mar 84	2400.0	159	180.56	4.64		251	
274	SWP	22623	L	45790.0	30 Mar 84	3720.0	156	177.15	4.78		262	
275	LWP	3074	L	45793.0	2 Apr 84	1800.0	154	174.95		1.33	353	D
276	LWP	3075	L	45793.0	2 Apr 84	8100.0	161	182.90		1.78	3x3	D
277	SWP	22649	L	45793.0	2 Apr 84	2400.0	161	182.90	4.94		351	
278	SWP	22650	L	45793.0	2 Apr 84	5700.0	157	178.36	5.05		361	
279	SWP	22651	L	45793.0	2 Apr 84	8100.0	162	184.04	4.86		352	
280	LWP	3121	L	45799.0	8 Apr 84	2100.0	159	180.77		2.07	353	D
281	SWP	22695	L	45799.0	8 Apr 84	3600.0	155	176.22	5.08		351	
282	SWP	22696	L	45799.0	8 Apr 84	3600.0	154	175.08	5.03		351	
283	LWP	3145	L	45802.0	11 Apr 84	1800.0	161	183.11		2.01	352	D
284	LWP	3146	L	45802.0	11 Apr 84	1800.0	157	178.56		2.03	352	D
285	SWP	22714	L	45802.0	11 Apr 84	3600.0	144	163.78	4.86		351	
286	SWP	22715	L	45802.0	11 Apr 84	3600.0	154	175.15	4.62		351	
287	LWP	3363	L	45835.0	14 May 84	6300.0	160	182.77		1.97	353	D
288	SWP	23016	L	45835.0	14 May 84	8100.0	158	180.48	4.69		351	
289	LWP	3483	L	45855.0	3 Jun 84	2100.0	159	182.11		1.00	353	D
290	SWP	23156	L	45855.0	3 Jun 84	3000.0	177	202.73	4.75		250	
291	SWP	23157	L	45855.0	3 Jun 84	2820.0	159	182.11	4.70		251	
292	SWP	23157	S	45855.0	3 Jun 84	1500.0					231	
293	LWP	3511	L	45859.0	7 Jun 84	2100.0	165	189.08		1.17	342	D
294	SWP	23190	L	45859.0	7 Jun 84	3000.0	166	190.23	4.56		250	
295	SWP	23191	L	45859.0	7 Jun 84	3300.0	167	191.38	4.61		351	
296	SWP	23191	S	45859.0	7 Jun 84	1920.0					231	
297	LWP	5014	L	46051.0	16 Dec 84	1800.0	194	228.52		4.12	563	D
298	SWP	24703	L	46051.0	16 Dec 84	2700.0	191	224.98	13.44		351	
299	SWP	24703	S	46051.0	16 Dec 84	1800.0					341	
300	SWP	24704	L	46051.0	16 Dec 84	1980.0	181	213.20	14.58		351	
301	LWP	5038	L	46054.0	19 Dec 84	1500.0	200	235.69		5.17	351	D
302	LWP	5039	L	46054.0	19 Dec 84	2700.0	204	240.41		4.89	471	D
303	SWP	24717	L	46054.0	19 Dec 84	2700.0	198	233.33	16.82		350	
304	SWP	24717	S	46054.0	19 Dec 84	1800.0					230	
305	LWP	5068	L	46059.0	24 Dec 84	1500.0	184	217.00		5.07	451	D
306	LWP	5069	L	46059.0	24 Dec 84	2700.0	193	227.62		4.34	573	D
307	SWP	24742	L	46059.0	24 Dec 84	2700.0	191	225.26	15.47		351	
308	SWP	24742	S	46059.0	24 Dec 84	1800.0					231	
309	SWP	24743	L	46059.0	24 Dec 84	2700.0	197	232.33	15.53		351	
310	LWP	5092	L	46063.0	28 Dec 84	1500.0	187	220.68		3.65	352	D
311	LWP	5093	L	46063.0	28 Dec 84	3000.0	176	207.69		3.59	472	D
312	SWP	24766	L	46063.0	28 Dec 84	2700.0	183	215.96	10.79		352	
313	SWP	24767	L	46063.0	28 Dec 84	2700.0	185	218.32	10.97		352	
314	LWP	5118	L	46068.0	2 Jan 85	1200.0	204	240.92		6.11	351	D
315	LWP	5119	L	46068.0	2 Jan 85	900.0	204	240.92		6.43	341	D
316	SWP	24808	L	46068.0	2 Jan 85	2700.0	206	243.28	20.21		360	
317	SWP	24809	L	46068.0	2 Jan 85	2400.0	202	238.56	20.80		350	
318	SWP	24809	S	46068.0	2 Jan 85	1800.0					230	
319	LWP	5161	L	46074.0	8 Jan 85	1500.0	193	228.14		5.19	454	D
320	SWP	24863	L	46074.0	8 Jan 85	2400.0	197	232.87	19.91		351	
321	SWP	24864	L	46074.0	8 Jan 85	2100.0	196	231.69	19.92		351	
322	LWP	5207	L	46080.0	14 Jan 85	1200.0	46	54.43		3.28	352	D
323	SWP	24905	L	46080.0	14 Jan 85	2700.0	196	231.90	17.17		351	
324	SWP	24906	L	46080.0	14 Jan 85	2280.0	185	218.89	16.93		352	
325	SWP	25682	L	46170.0	14 Apr 85	21600.0	143	171.64	0.91		338	
326	LWP	5755	L	46171.0	15 Apr 85	22200.0	176	211.28		0.52	339	D
327	SWP	25695	L	46172.0	16 Apr 85	21900.0	183	219.72	0.94		46	
328	SWP	25971	L	46204.0	18 May 85	2400.0	180	217.27	12.30		351	
329	LWP	6007	L	46205.0	19 May 85	1500.0	186	224.55		3.01	453	D
330	LWP	6008	L	46205.0	19 May 85	3000.0	177	213.68		3.23	573	D
331	SWP	25972	L	46205.0	19 May 85	4800.0	182	219.72	12.99		361	
332	LWP	6048	L	46209.0	23 May 85	1500.0	169	204.16		2.31	351	D
333	SWP	25997	L	46209.0	23 May 85	2400.0	179	216.24	9.36		360	
334	LWP	6049	L	46210.0	24 May 85	3000.0	178	215.07		2.90	473	D
335	SWP	25998	L	46210.0	24 May 85	4500.0	173	209.03	9.59		370	
336	LWP	6088	L	46216.0	30 May 85	1500.0	174	210.45		2.63	353	D
337	LWP	6089	L	46216.0	30 May 85	2700.0	173	209.24		2.78	364	D
338	SWP	26032	L	46216.0	30 May 85	2400.0	184	222.54	8.06		351	

#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag	
							cts/s		10^{-14} erg s ⁻¹ cm ⁻² Å ⁻¹				
339	SWP	26033	L	46216.0	30 May 85	2100.0	176	212.87	8.36			351	
340	LWP	6116	L	46219.0	2 Jun 85	1500.0	174	210.55		1.98		343	D
341	SWP	26074	L	46219.0	2 Jun 85	2400.0	174	210.55	5.65			351	
342	SWP	26075	L	46219.0	2 Jun 85	4500.0	174	210.55	6.87			361	
343	LWP	6117	L	46220.0	3 Jun 85	2700.0	172	208.17			2.29	363	D
344	LWP	6500	L	46274.0	27 Jul 85	1800.0	157	191.78			1.63	352	D
345	SWP	26487	L	46274.0	27 Jul 85	1200.0	159	194.22	5.01			251	
346	SWP	26488	L	46274.0	27 Jul 85	2400.0	164	200.33	5.34			251	
347	SWP	27929	L	46507.0	17 Mar 86	6300.0	157	200.31	5.98			352	
348	LWP	8193	L	46565.0	14 May 86	1500.0	164	211.71			2.31	343	D
349	LWP	8194	L	46565.0	14 May 86	2100.0	163	210.42			1.98	352	D
350	SWP	28303	L	46565.0	14 May 86	2400.0	167	215.59	6.56			351	
351	SWP	28303	S	46565.0	14 May 86	2100.0						031	
352	LWP	8217	L	46569.0	18 May 86	1500.0	147	189.92			1.92	343	D
353	LWP	8218	L	46569.0	18 May 86	2580.0	150	193.80			1.53	353	D
354	SWP	28337	L	46569.0	18 May 86	2700.0	159	205.43	5.61			252	
355	SWP	28337	S	46569.0	18 May 86	2100.0						132	
356	LWP	8246	L	46573.0	22 May 86	2100.0	166	214.65			1.70	353	D
357	LWP	8247	L	46573.0	22 May 86	2100.0	166	214.65			2.43	353	D
358	SWP	28353	L	46573.0	22 May 86	2700.0	160	206.89	5.45			351	
359	SWP	28354	L	46573.0	22 May 86	2400.0	173	223.70	5.20			351	
360	LWP	8285	L	46577.0	26 May 86	2100.0	164	212.24			1.56	353	D
361	LWP	8286	L	46577.0	26 May 86	2100.0	165	213.54			1.57	353	D
362	SWP	28376	L	46577.0	26 May 86	2700.0	161	208.36	5.41			351	
363	SWP	28377	L	46577.0	26 May 86	2700.0	160	207.06	5.17			351	
364	SWP	28396	L	46580.0	29 May 86	2700.0	155	200.72	5.02			351	
365	SWP	28398	L	46580.0	29 May 86	4800.0	161	208.49	5.27			361	
366	LWP	8303	L	46581.0	30 May 86	2100.0	163	211.12			1.30	353	D
367	LWP	8304	L	46581.0	30 May 86	2100.0	153	198.17			1.68	353	D
368	LWP	8305	L	46581.0	30 May 86	2100.0	160	207.24			2.04	353	D
369	SWP	28397	L	46581.0	30 May 86	2700.0	160	207.24	5.27			351	
370	SWP	28397	S	46581.0	30 May 86	2700.0						231	
371	SWP	28399	L	46581.0	30 May 86	2400.0	158	204.65	5.01			351	
372	SWP	28404	L	46581.0	30 May 86	4800.0	145	187.81	4.85			361	
373	LWP	8308	L	46582.0	31 May 86	2100.0	156	202.10			1.70	353	D
374	LWP	8309	L	46582.0	31 May 86	2100.0	153	198.21			1.76	353	D
375	LWP	8310	L	46582.0	31 May 86	2100.0	152	196.92			2.54	353	D
376	SWP	28405	L	46582.0	31 May 86	2700.0	152	196.92	4.77			351	
377	SWP	28406	L	46582.0	31 May 86	2700.0	146	189.14	5.34			351	
378	SWP	28407	L	46582.0	31 May 86	3780.0	151	195.62	5.19			351	
379	LWP	8327	L	46585.0	3 Jun 86	2100.0	148	191.85			1.19	353	D
380	SWP	28425	L	46585.0	3 Jun 86	2700.0	151	195.74	5.12			352	
381	SWP	28425	S	46585.0	3 Jun 86	3900.0						352	
382	LWP	8328	L	46586.0	4 Jun 86	2100.0	155	200.97			1.57	353	D
383	LWP	8354	L	46590.0	8 Jun 86	2100.0	156	202.44			1.94	353	D
384	SWP	28450	L	46590.0	8 Jun 86	2700.0	159	206.33	4.97			351	
385	SWP	28451	L	46590.0	8 Jun 86	3120.0	149	193.35	5.35			361	
386	LWP	8370	L	46593.0	11 Jun 86	2100.0	156	202.56			1.78	350	D
387	SWP	28472	L	46593.0	11 Jun 86	2700.0	155	201.27	5.13			251	
388	SWP	28473	L	46593.0	11 Jun 86	3600.0	155	201.27	5.12			361	
389	LWP	8371	L	46594.0	12 Jun 86	1800.0	161	209.10			2.30	350	D
390	LWP	8398	L	46597.0	15 Jun 86	2100.0	164	213.13			2.23	353	D
391	SWP	28496	L	46597.0	15 Jun 86	2700.0	175	227.43	6.07			351	
392	SWP	28497	L	46597.0	15 Jun 86	3600.0	167	217.03	5.63			361	
393	LWP	8399	L	46598.0	16 Jun 86	1800.0	164	213.17			1.95	353	D
394	LWP	10071	L	46831.0	4 Feb 87	1800.0	147	201.37			2.27	352	D
395	SWP	30253	L	46831.0	4 Feb 87	1200.0	146	200.00	4.42			231	
396	SWP	30254	L	46831.0	4 Feb 87	2400.0	148	202.74	5.25			351	
397	LWP	10072	L	46832.0	5 Feb 87	1800.0	150	205.53			2.46	352	D
398	LWP	12142	L	47121.0	21 Nov 87	2100.0	153	226.15			2.51	353	D
399	LWP	12143	L	47121.0	21 Nov 87	2100.0	147	217.28			2.05	353	D
400	SWP	32373	L	47121.0	21 Nov 87	2700.0	149	220.24	5.34			351	
401	SWP	32374	L	47121.0	21 Nov 87	2700.0	147	217.28	5.32			351	
402	LWP	12173	L	47126.0	26 Nov 87	2100.0	144	213.15			1.62	351	D
403	LWP	12174	L	47126.0	26 Nov 87	1620.0	144	213.15			2.05	351	D
404	SWP	32402	L	47126.0	26 Nov 87	2700.0	149	220.55	4.83			350	
405	SWP	32403	L	47126.0	26 Nov 87	2700.0	144	213.15	4.75			350	
406	LWP	12205	L	47130.0	30 Nov 87	2100.0	133	197.09			1.83	352	D

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
407	SWP 32431 L	47130.0	30 Nov 87	2700.0	152	225.25	4.58		351	
408	SWP 32432 L	47130.0	30 Nov 87	2700.0	147	217.84	5.00		351	
409	LWP 12226 L	47134.0	4 Dec 87	2100.0	142	210.67		1.61	352	D
410	LWP 12227 L	47134.0	4 Dec 87	2100.0	145	215.12		1.66	352	D
411	SWP 32461 L	47134.0	4 Dec 87	2700.0	139	206.22	4.40		250	
412	SWP 32462 L	47134.0	4 Dec 87	3300.0	141	209.19	4.47		360	
413	SWP 32566 L	47150.0	20 Dec 87	1200.0	156	232.51	7.81		341	
414	LWP 12343 L	47151.0	21 Dec 87	1500.0	168	250.47		1.96	343	
415	LWP 12823 L	47228.0	7 Mar 88	36300.0					309	SKY
416	LWP 12972 L	47255.0	3 Apr 88	1800.0	151	232.23		1.16	351	
417	LWP 12973 L	47255.0	3 Apr 88	1800.0	150	230.70		1.10	351	
418	SWP 33200 L	47255.0	3 Apr 88	1800.0	145	223.01	4.89		240	
419	SWP 33201 L	47255.0	3 Apr 88	1800.0	140	215.32	5.08		240	
420	LWP 13341 L	47313.0	31 May 88	1620.0	15	23.49		0.94	342	
421	SWP 33682 L	47313.0	31 May 88	3600.0	151	236.49	4.77		331	D
422	SWP 34845 L	47495.0	29 Nov 88	1800.0	178	296.46	15.51		350	
423	SWP 34868 L	47500.0	4 Dec 88	900.0	198	330.36	14.50		231	
424	SWP 34869 L	47500.0	4 Dec 88	3000.0	177	295.32	14.95		352	
425	LWP 14603 L	47500.0	4 Dec 88	1380.0	173	288.65		3.88	343	
426	LWP 14604 L	47500.0	4 Dec 88	2400.0	196	327.02		5.17	346	
427	SWP 34998 L	47506.0	10 Dec 88	1800.0	164	274.22	10.38		350	
428	SWP 34999 L	47506.0	10 Dec 88	3600.0	169	282.58	11.43		360	
429	SWP 35028 L	47510.0	14 Dec 88	2100.0	153	256.19	8.46		250	
430	SWP 35058 L	47513.0	17 Dec 88	900.0	156	261.50	7.77		230	
431	SWP 35059 L	47513.0	17 Dec 88	3000.0	165	276.59	8.45		3x1	
432	LWP 14660 L	47513.0	17 Dec 88	1800.0	160	268.21		3.82	353	
433	LWP 14661 L	47513.0	17 Dec 88	3000.0	163	273.24		2.53	4x3	
434	SWP 35090 L	47516.0	20 Dec 88	2400.0	155	260.11	7.38		351	
435	LWP 14694 L	47518.0	22 Dec 88	2400.0	149	250.22		1.62	352	
436	LWP 14695 L	47518.0	22 Dec 88	1800.0	146	245.18		1.29	352	
437	SWP 35098 L	47518.0	22 Dec 88	2400.0	156	261.98	6.79		242	
438	SWP 35099 L	47518.0	22 Dec 88	3300.0	147	246.86	6.02		352	
439	LWP 14704 L	47520.0	24 Dec 88	2400.0	147	247.04		1.43	500	
440	LWP 14705 L	47520.0	24 Dec 88	1560.0	149	250.40		1.52	400	
441	SWP 35123 L	47520.0	24 Dec 88	2400.0	147	247.04	6.08		350	
442	SWP 35124 L	47520.0	24 Dec 88	3000.0	150	252.08	7.12		350	
443	LWP 14730 L	47524.0	28 Dec 88	2400.0	157	264.23		1.73	351	
444	LWP 14731 L	47524.0	28 Dec 88	1500.0	153	257.50		1.83	341	
445	SWP 35171 L	47524.0	28 Dec 88	2400.0	155	260.86	5.97		240	
446	SWP 35172 L	47524.0	28 Dec 88	3000.0	153	257.50	6.73		360	
447	SWP 35210 L	47527.0	31 Dec 88	2400.0			5.30		350	
448	SWP 35211 L	47527.0	31 Dec 88	2700.0			6.47		360	
449	LWP 14748 L	47527.0	31 Dec 88	2400.0				1.80	451	

X-Ray Spectra

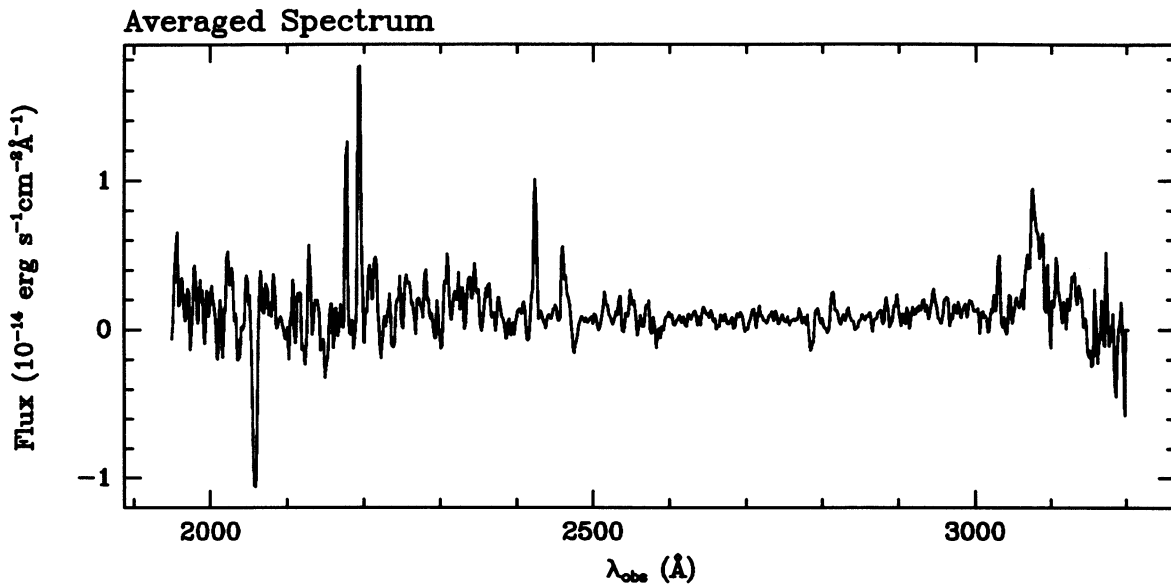
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EXOSAT	• 32	• 33	• 301	• 312
	• 325	• 333	• 415	• 703
	• 729	• 826	• 1285	• 1297
	• 1304	• 1309	• 1319	• 1325
	• 1375	• 1525	• 1540	• 1560
	• 1561	• 1580	• 1581	• 1594
	• 1611	• 2071	• 2072	

References

- 5 • 19 • 22 • 26 • 48 • 57 • 76 • 81
- 85 • 88 • 93 • 94 • 99 • 116 • 122 • 123
- 124 • 125 • 136 • 143 • 144 • 145 • 152 • 155
- 158 • 164 • 170 • 172 • 173 • 177 • 178 • 179
- 180 • 186 • 201 • 210 • 221 • 226 • 228 • 244
- 250 • 261 • 267 • 271 • 284 • 292 • 296 • 300
- 315 • 325 • 329 • 335 • 339 • 348 • 359 • 364
- 365 • 369 • 379 • 394 • 397 • 401 • 404 • 413
- 436 • 444 • 446 • 448 • 453 • 457 • 458 • 461
- 462 • 464 • 466 • 472 • 473 • 476 • 482 • 483
- 495 • 513 • 515 • 517 • 521 • 530 • 532 • 538
- 539 • 546 • 549 • 588 • 558 • 561 • 563 • 573
- 575 • 577 • 581 • 586 • 593 • 595 • 602 • 605
- 607 • 608 • 614 • 615 • 622 • 632 • 636 • 637
- 640 • 643 • 657 • 661 • 662 • 669 • 672 • 679
- 685 • 688 • 695 • 708 • 709 • 717 • 723 • 724
- 728 • 731 • 733 • 737 • 741 • 758 • 761 • 763
- 767 • 780 • 781 • 795 • 800 • 804 • 805 • 816
- 822 • 828 • 833 • 840 • 841 • 843 • 845 • 848
- 849 • 850 • 860 • 865 • 871 • 872 • 876 • 890
- 898 • 899 • 912 • 913 • 929 • 934 • 936

NGC 4156

Right Ascension	: 12h 08m 18.12s
Declination	: 39° 45' 00.4"
Object Type	: Seyfert
ULDA Type	: 84
Redshift	: 0.022
Alternative Names	: UGC 7173, MCG+07-25-0045



Observed Spectra

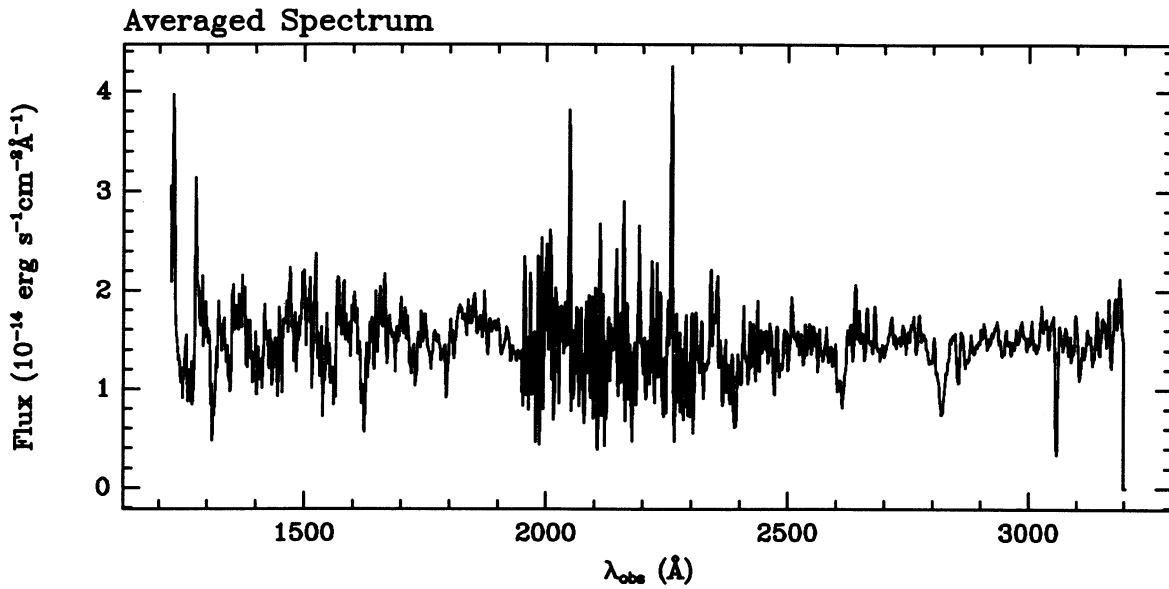
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1277 Å	2248 Å	CEB	Flag
1	LWR 16171 L	45501.0	15 Jun 83	24000.0				0.13		209

X-Ray Spectra

EINSTEIN	• 22	• 238	• 269	• 600
	• 821			
EXOSAT	• 32	• 33	• 301	• 312
	• 325	• 333	• 415	• 703
	• 729	• 826	• 1285	• 1297
	• 1304	• 1309	• 1319	• 1325
	• 1375	• 1525	• 1540	• 1560
	• 1561	• 1580	• 1581	• 1594
	• 1611	• 2071	• 2072	

NGC 4194

Right Ascension	: 12h 11m 39.90s
Declination	: 54° 48' 20.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.008
Alternative Names	: UGC 7241, MCG+09-20-0119, MRK 201
	: ZW I 33, IRAS 12116+5448

**Observed Spectra**

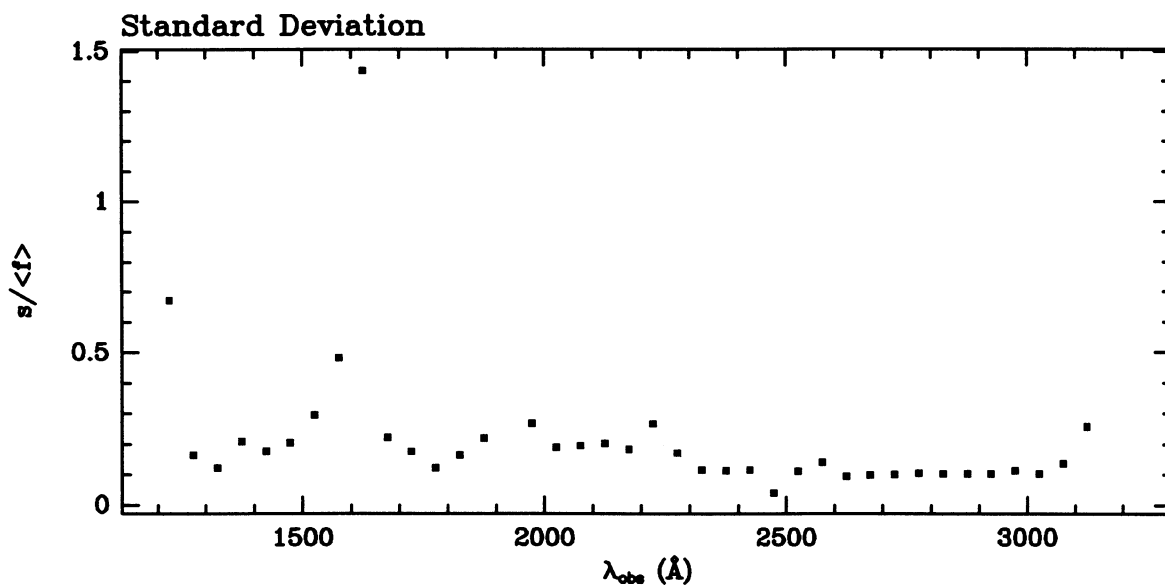
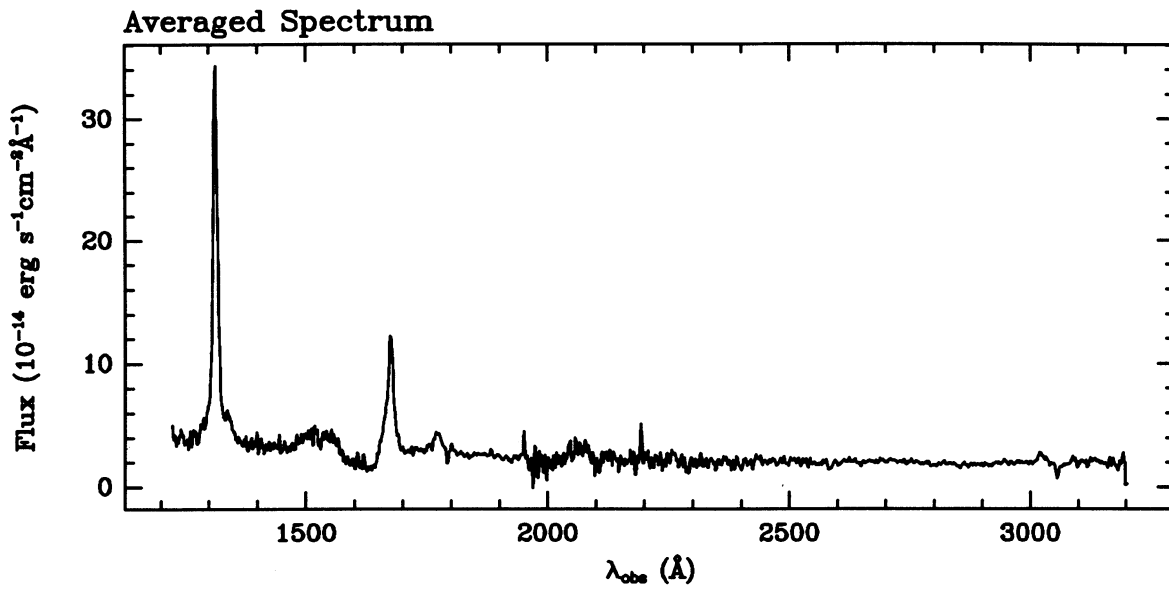
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1260 \AA	2217 \AA	CEB	Flag
1	SWP	22784	L	45809.0	18 Apr 84	17100.0	69	78.55	1.41		303	
2	LWP	3412	L	45844.0	23 May 84	16200.0	67	76.63		1.44	409	D

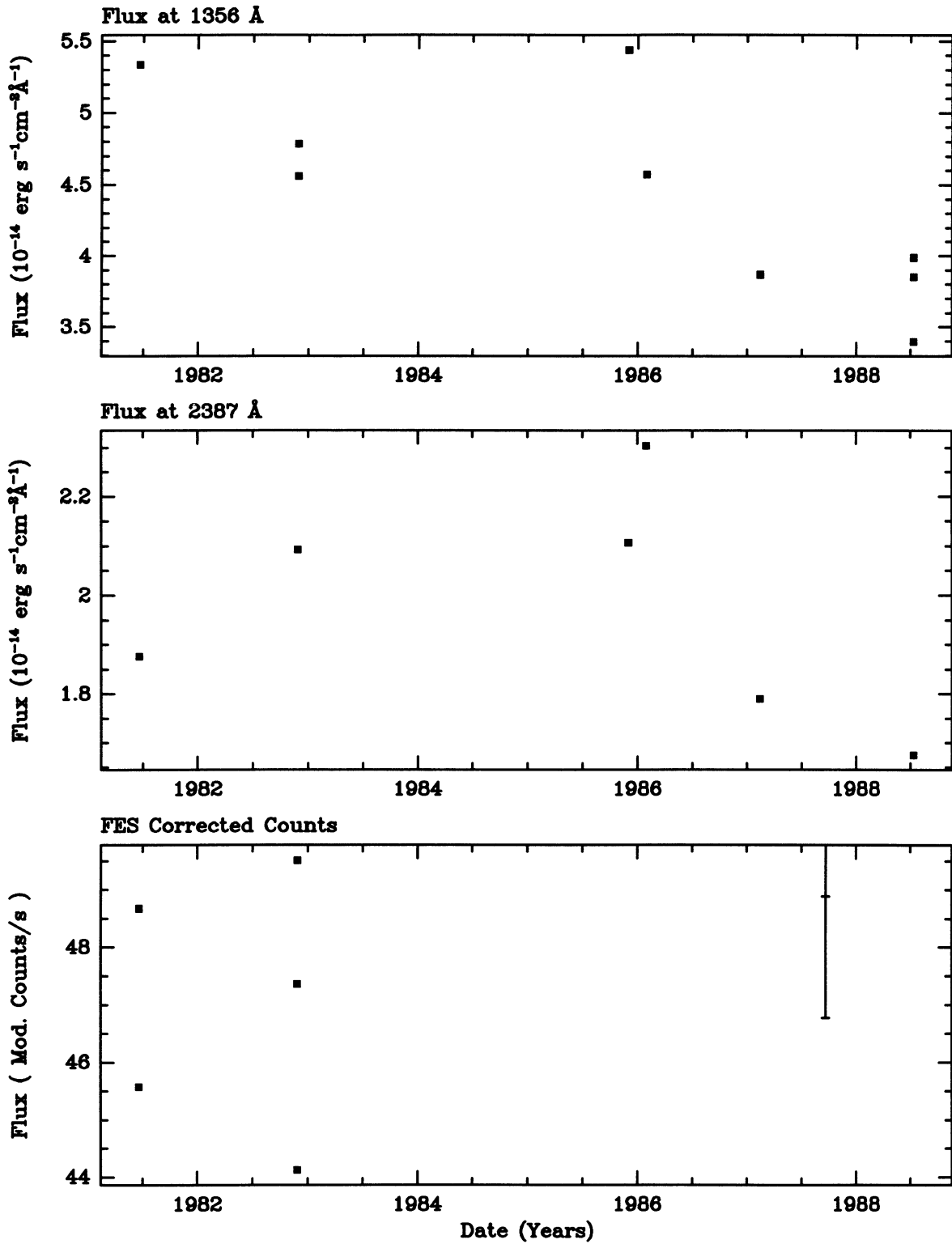
References

- 145
- 193
- 576
- 593
- 831
- 836

PG 1211+143

Right Ascension	: 12h 11m 44.80s
Declination	: 14° 19' 53.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.085
Alternative Names	: QSO 1211+143





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1356 Å	2387 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	10922	L	44777.0	21 Jun 81	5400.0	47	48.68			439	
2	SWP	14297	L	44777.0	21 Jun 81	3000.0	44	45.58	5.34	1.88	347	
3	LWR	14737	L	45301.0	27 Nov 82	7200.0	41	44.13		2.09	403	
4	SWP	18672	L	45301.0	27 Nov 82	6600.0	46	49.51	4.79		3x2	
5	SWP	18673	L	45302.0	28 Nov 82	3600.0	44	47.36	4.56		3x3	
6	LWP	7223	L	46402.0	2 Dec 85	4800.0				2.11	403	D
7	SWP	27210	L	46402.0	2 Dec 85	7200.0			5.44		303	
8	LWP	7603	L	46462.0	31 Jan 86	3600.0				2.30	306	D
9	SWP	27638	L	46462.0	31 Jan 86	6000.0			4.57		3x3	
10	LWP	10115	L	46840.0	13 Feb 87	6000.0				1.79	443	D
11	SWP	30302	L	46840.0	13 Feb 87	4200.0			3.87		352	
12	LWP	13628	L	47356.0	13 Jul 88	7200.0				1.68	444	
13	SWP	33904	L	47356.0	13 Jul 88	2400.0			3.40		241	
14	SWP	33905	L	47356.0	13 Jul 88	5400.0			3.99		3x2	
15	SWP	33910	L	47356.0	13 Jul 88	3600.0			3.86		352	

X-Ray Spectra

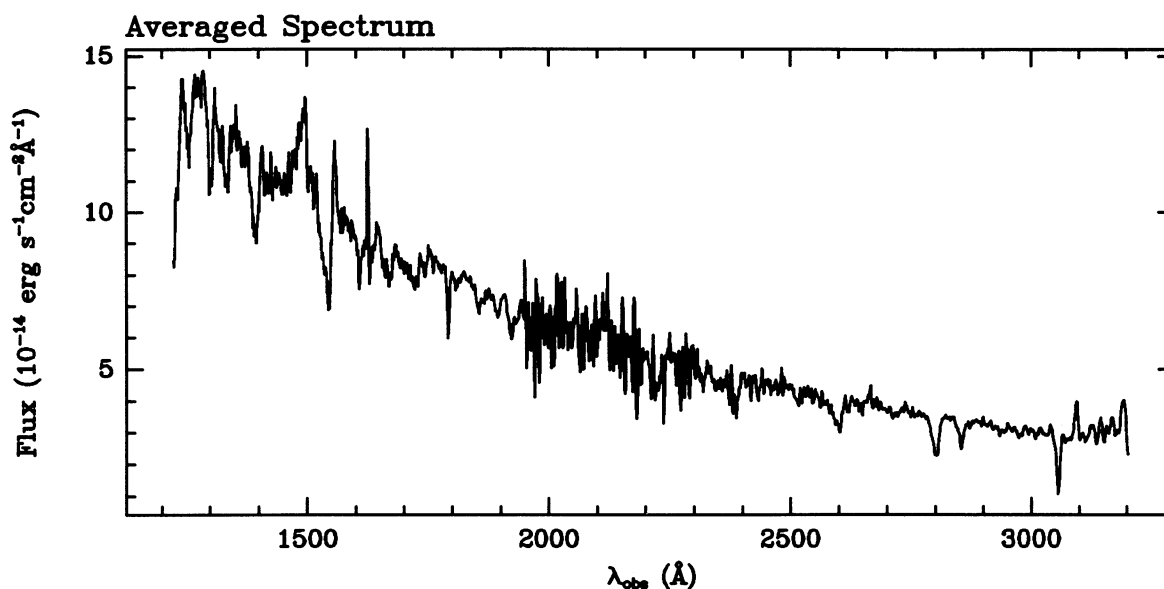
EINSTEIN	• 71	• 332	• 586	• 608
	• 987	• 989	• 991	• 1127
	• 1213			
EXOSAT	• 814	• 1640	• 1998	• 2022

References

• 343	• 437	• 474	• 557	• 599	• 600	• 612	• 614
• 616	• 621	• 634	• 642	• 686	• 735	• 746	• 776
• 809	• 823	• 826	• 829	• 830	• 832	• 845	• 867

NGC 4214

Right Ascension	:	12h 13m 08.00s
Declination	:	36° 36' 29.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	UGC 7278, MCG+06-27-0042, IRAS 12131+3636
	:	CASG 895, NGC 4228

**Observed Spectra**

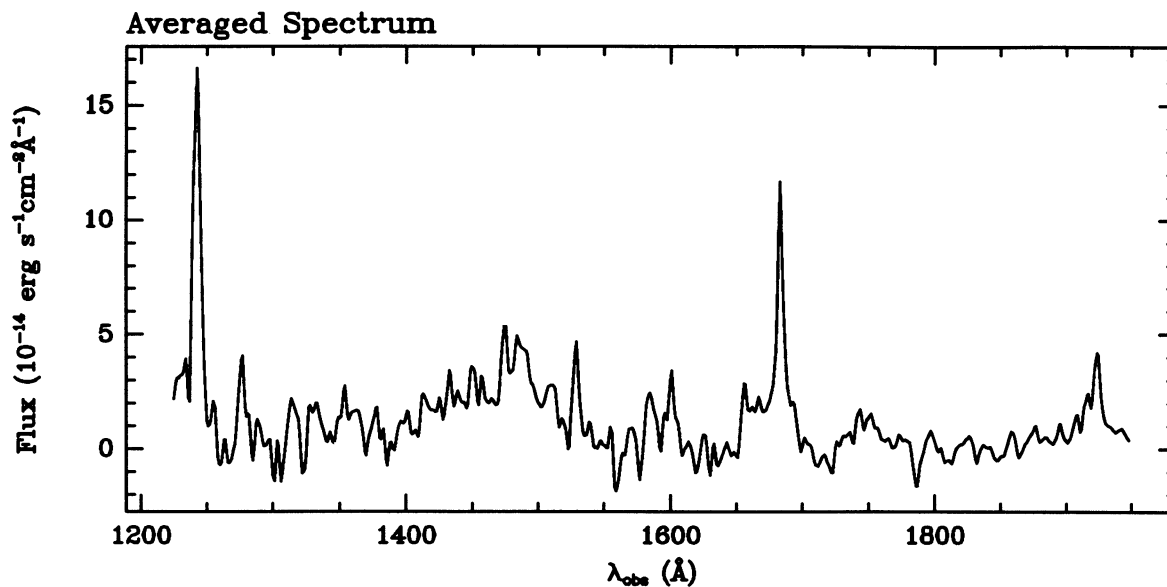
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
											10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹	
1	SWP	13534	L	44683.0	19 Mar 81	10800.0	76	78.34	12.90			403
2	LWP	12941	L	47250.0	29 Mar 88	10800.0	54	82.93		4.93		603
3	SWP	33174	L	47250.0	29 Mar 88	14400.0	61	93.68	12.45			501

References

- 97 • 167 • 211 • 252 • 271 • 274 • 293 • 311
- 421 • 576 • 881 • 904

AOO 1214 -277

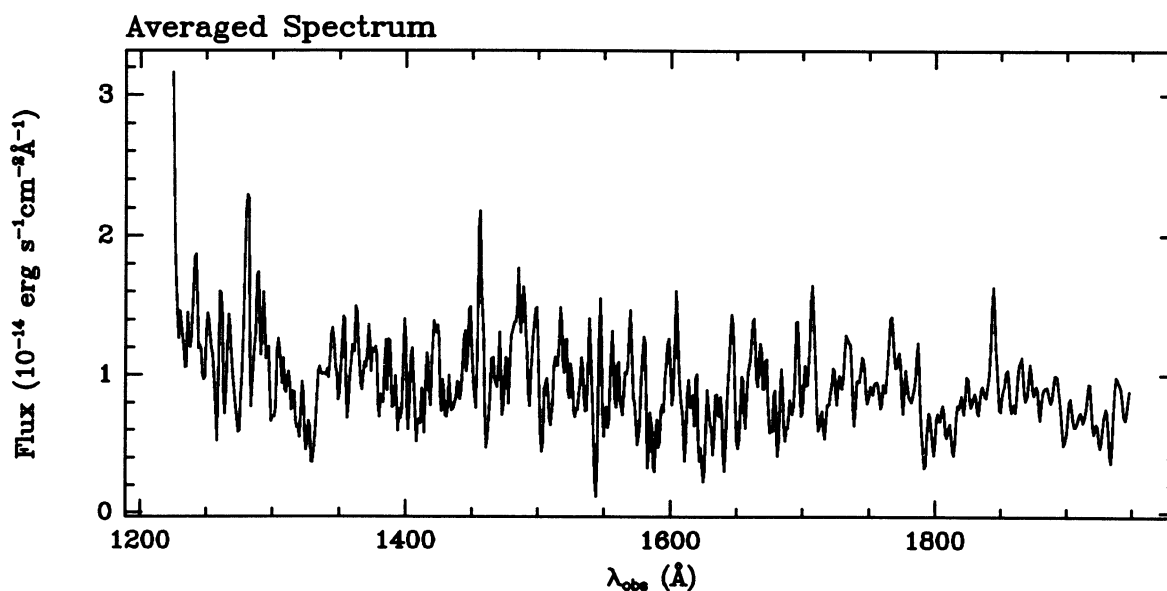
Right Ascension	:	12h 14m 40.00s
Declination	:	-27° 45' 00.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP 9408 S	44422.0	1 Jul 80	1200.0					031	D
2	SWP 9408 L	44422.0	1 Jul 80	1200.0			6.00		031	
3	SWP 9774 L	44464.0	12 Aug 80	21600.0			0.74		153	

QSO 1215+303

Right Ascension	:	12h 15m 21.14s
Declination	:	30° 23' 39.9"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	ON 235, B2 1215+30.3

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP	13866	L	44727.0	2 May 81	22800.0			1.17		305	
2	SWP	25785	L	46182.0	26 Apr 85	3000.0			1.26		300	

X-Ray Spectra

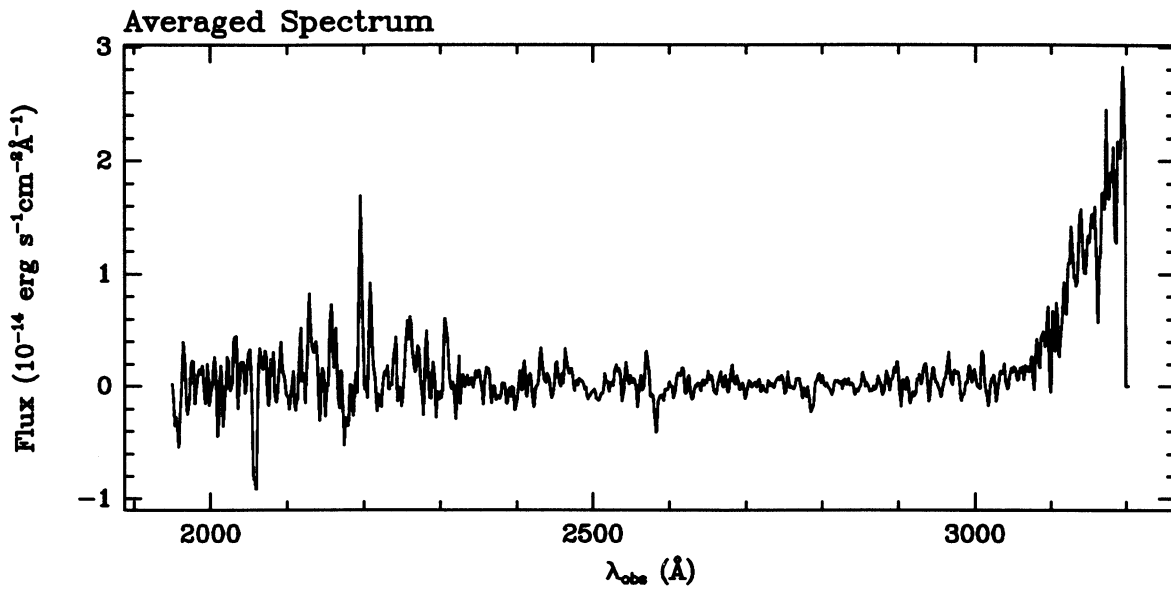
EINSTEIN	• 23	• 270	• 618	• 619
EXOSAT	• 423	• 534	• 540	• 546
	• 552	• 1302	• 1331	• 1358
	• 1376	• 1571	• 1572	• 1983
	• 2006			

References

• 104 • 238 • 321 • 526 • 734 • 776

QSO 1215+113

Right Ascension	:	12h 15m 54.40s
Declination	:	11° 21' 40.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.396
Alternative Names	:	MC2 1215+11.3

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 15353 L	45388.0	22 Feb 83	13200.0				0.05		303

X-Ray Spectra

EINSTEIN	• 74	• 323	• 336	• 617
	• 984	• 988	• 1014	• 1133
	• 1207			
EXOSAT	• 807	• 808	• 809	• 810

References

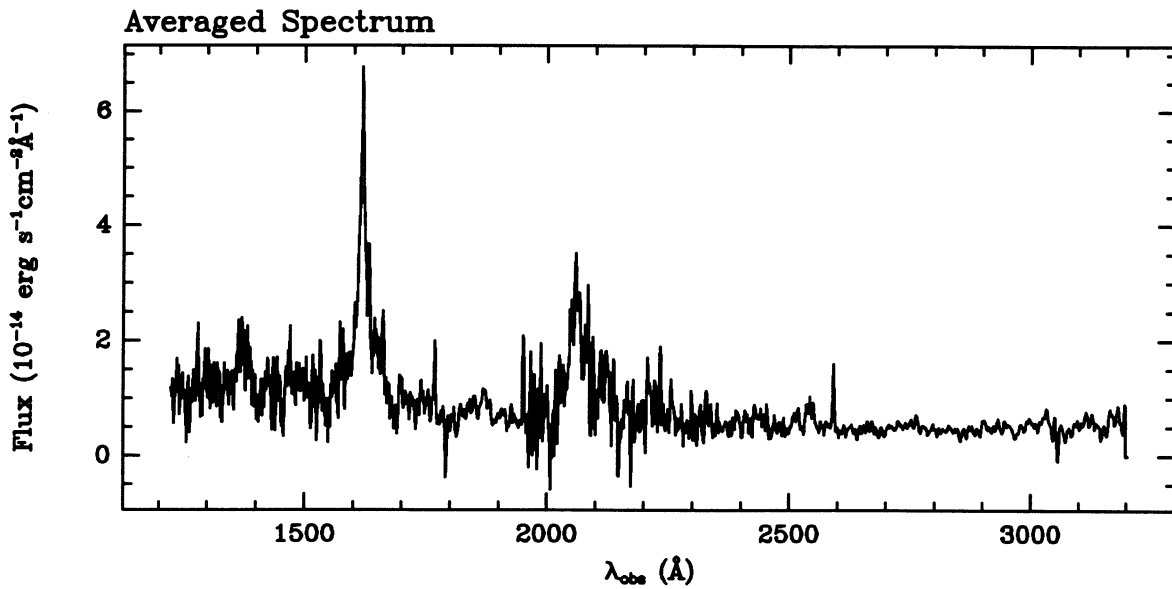
- 302

References

- 81 • 145 • 315 • 346 • 435 • 593 • 717 • 734
- 760 • 780 • 896

PG 1216+069

Right Ascension	:	12h 16m 47.20s
Declination	:	6° 55' 19.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.334
Alternative Names	:	QSO 1216+069

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1667 Å	2934 Å	CEB	Flag
1	LWP	12285	L	47145.0	15 Dec 87	10800.0						
2	SWP	32567	L	47150.0	20 Dec 87	8100.0			1.34	0.51	335	D
											333	

X-Ray Spectra

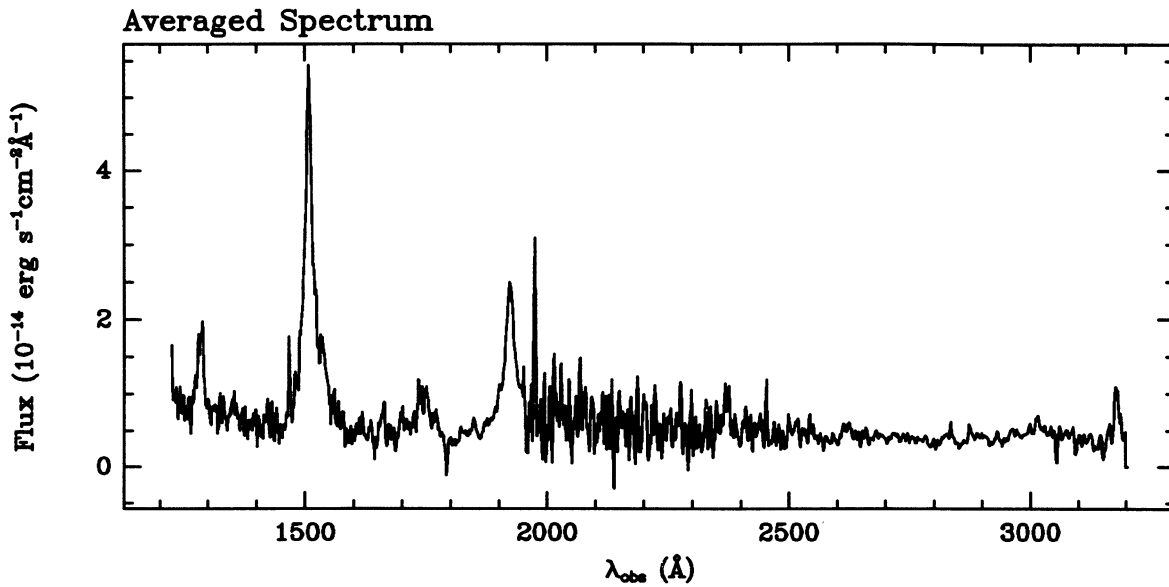
EINSTEIN • 648 • 1016 • 1128 • 1129

References

• 402 • 603 • 621 • 801 • 832

QSO 1217+023

Right Ascension	:	12h 17m 38.35s
Declination	:	2° 20' 20.9"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.240
Alternative Names	:	PKS 1217+023, ON 029
	:	UM 492, PG 1217+023



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1550 Å	2728 Å	CEB	Flag
1	SWP 14476 L	44800.0	14 Jul 81	41040.0			0.96		3x9	
2	SWP 14484 L	44801.0	15 Jul 81	14400.0			1.24		342	
3	LWP 11206 L	46990.0	13 Jul 87	23220.0				0.41	404	D

X-Ray Spectra

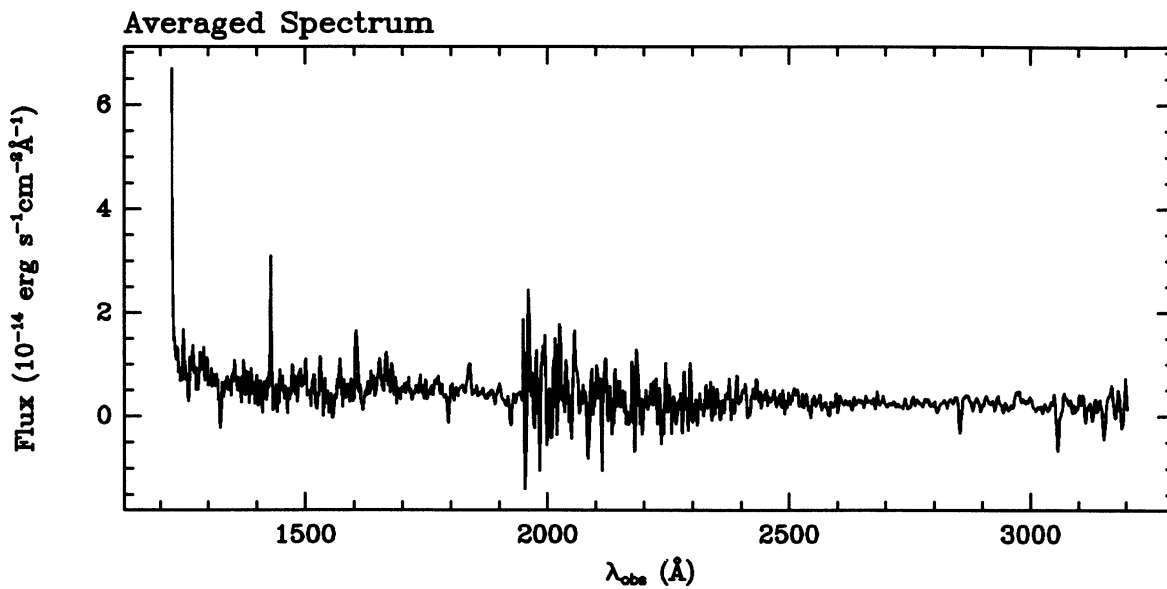
EINSTEIN	• 37	• 38	• 296	• 297
	• 298	• 316	• 627	• 639
	• 1024	• 1028	• 1134	• 1139
	• 1140	• 1141	• 1146	• 1147
EXOSAT	• 418	• 468	• 475	• 525
	• 528	• 773	• 777	• 873
	• 874	• 1344	• 1380	• 1585
	• 2012			

References

- 6 • 9 • 56 • 85 • 153 • 159 • 284 • 302
- 400 • 504 • 579 • 590 • 603 • 662 • 669 • 729
- 730 • 776 • 801 • 816 • 823 • 842 • 895 • 930

QSO 1218+304

Right Ascension	:	12h 18m 51.77s
Declination	:	30° 27' 14.0"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	RS 4, 2A 1218+305



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 22187 L	45733.0	2 Feb 84	23700.0			1.05		307	
2	LWP 2733 L	45734.0	3 Feb 84	12600.0				0.34	308	

X-Ray Spectra

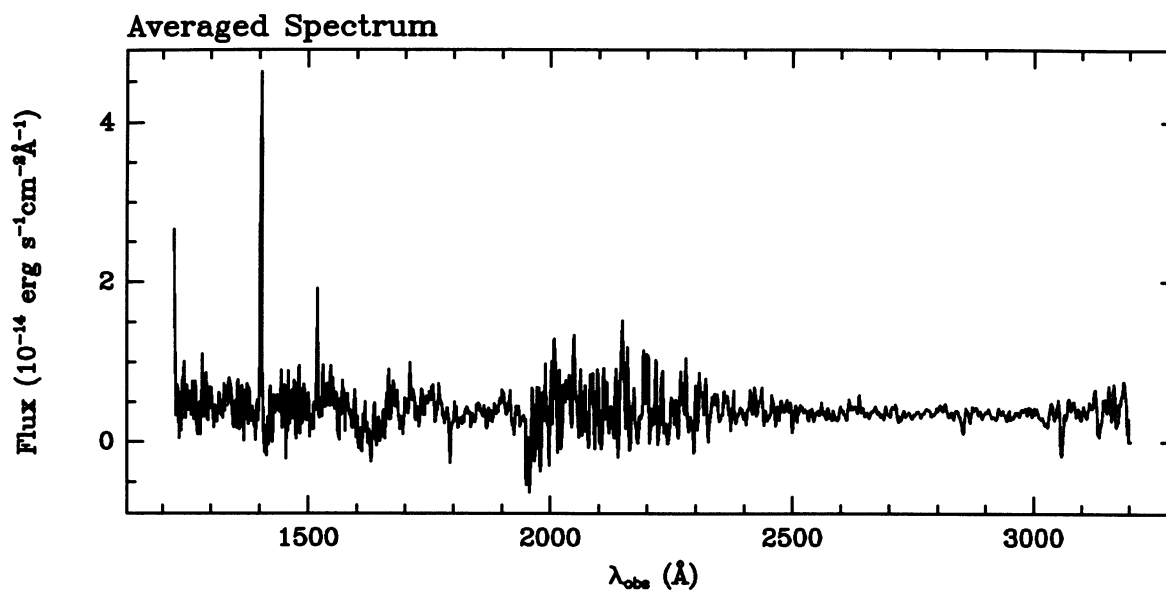
EINSTEIN	• 23	• 270	• 618	• 619
EXOSAT	• 423	• 534	• 540	• 546
	• 552	• 1302	• 1331	• 1358
	• 1376	• 1571	• 1572	• 1983
	• 2006			

References

- 734

V* WCOM

Right Ascension	: 12h 19m 01.06s
Declination	: 28° 30' 35.9"
Object Type	: BL Lac
ULDA Type	: 87
Redshift	: 0.102
Alternative Names	: ON 231, 4U 1219+29

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1377 Å	2424 Å	CEB	Flag
1	LWP 2876 L	45762.0	2 Mar 84	24000.0					309	D
2	SWP 22407 L	45764.0	4 Mar 84	21000.0			0.46	0.43	307	

X-Ray Spectra

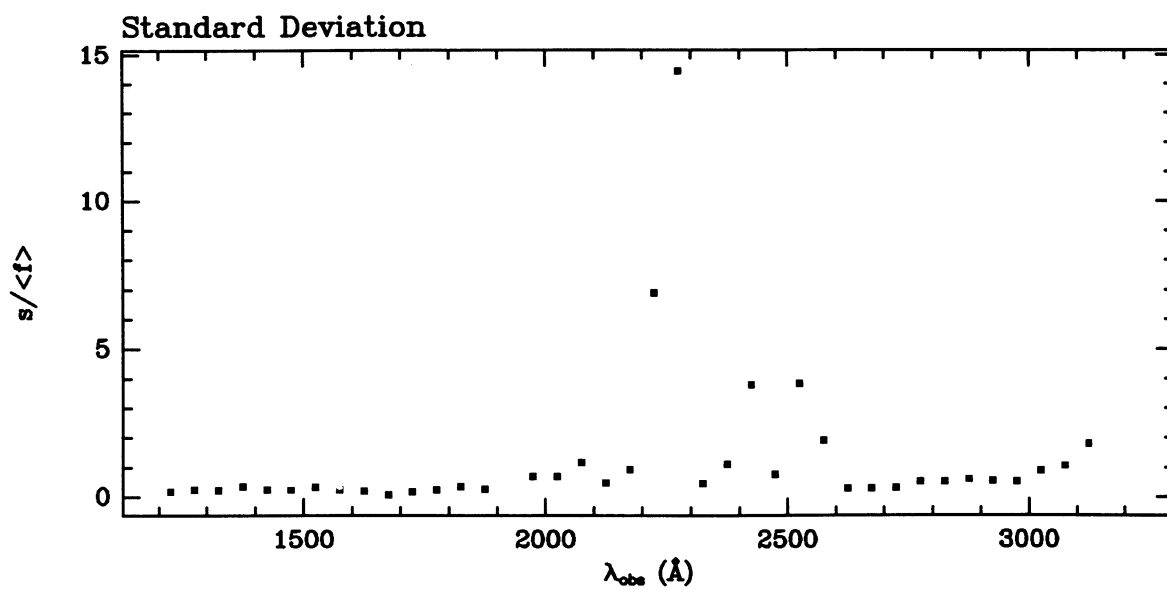
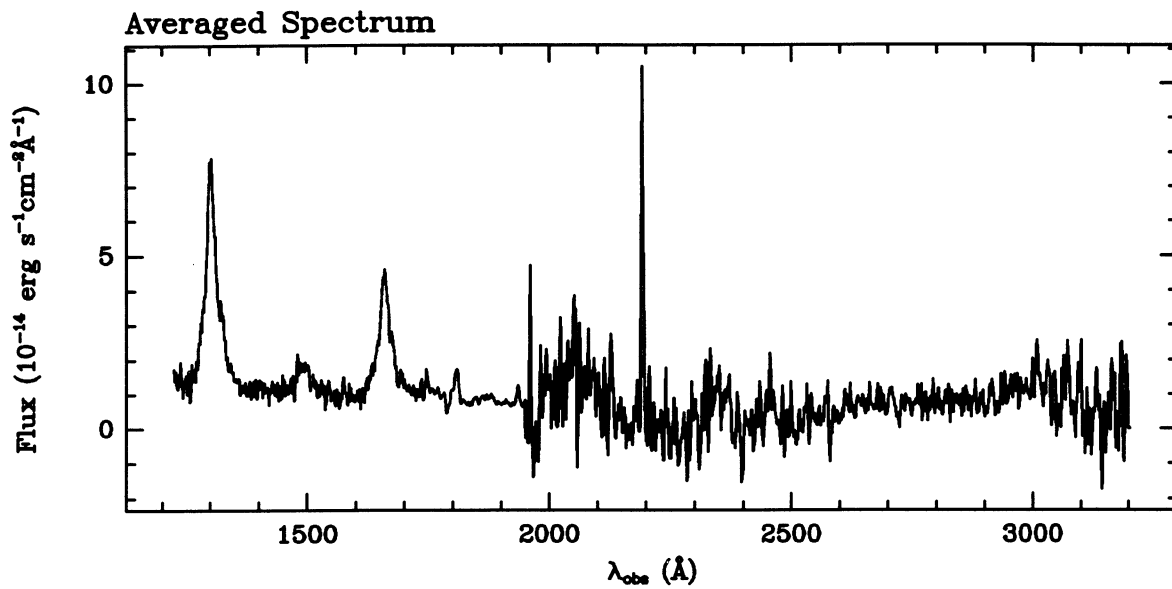
EINSTEIN	• 254	• 615	• 993	• 998
EXOSAT	• 43	• 382	• 439	• 440
	• 1310	• 1311	• 1312	• 1649
	• 1650			

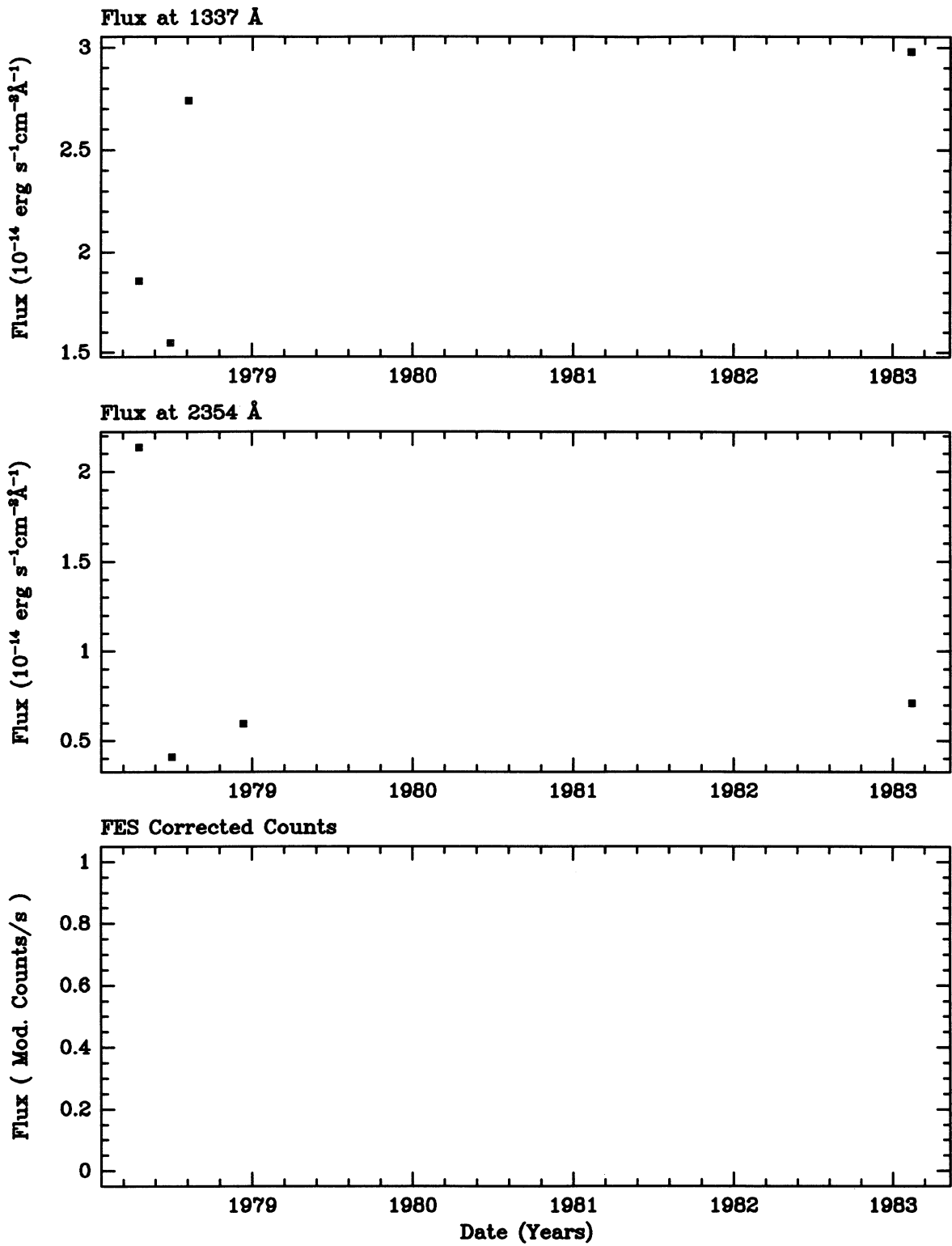
References

• 279 • 522 • 526 • 784

MRK 205

Right Ascension	: 12h 19m 31.80s
Declination	: 75° 35' 10.0"
Object Type	: Seyfert 1
ULDA Type	: 85
Redshift	: 0.070
Alternative Names	: QSO 1219+755





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1337 Å	2354 Å	CEB	Flag
					cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 1346 L	43619.0	20 Apr 78	1800.0				2.14		
2	SWP 1392 L	43619.0	20 Apr 78	5400.0			1.86			
3	SWP 1894 L	43691.0	1 Jul 78	9000.0			1.55			
4	LWR 1773 L	43693.0	3 Jul 78	14400.0				0.41		
5	SWP 2261 L	43731.0	10 Aug 78	19200.0			2.74		55	
6	LWR 3154 L	43855.0	12 Dec 78	21600.0				0.60	44	
7	SWP 19238 L	45378.0	12 Feb 83	17640.0			2.98		352	
8	LWP 1799 L	45380.0	14 Feb 83	22200.0				0.71	614	D

X-Ray Spectra

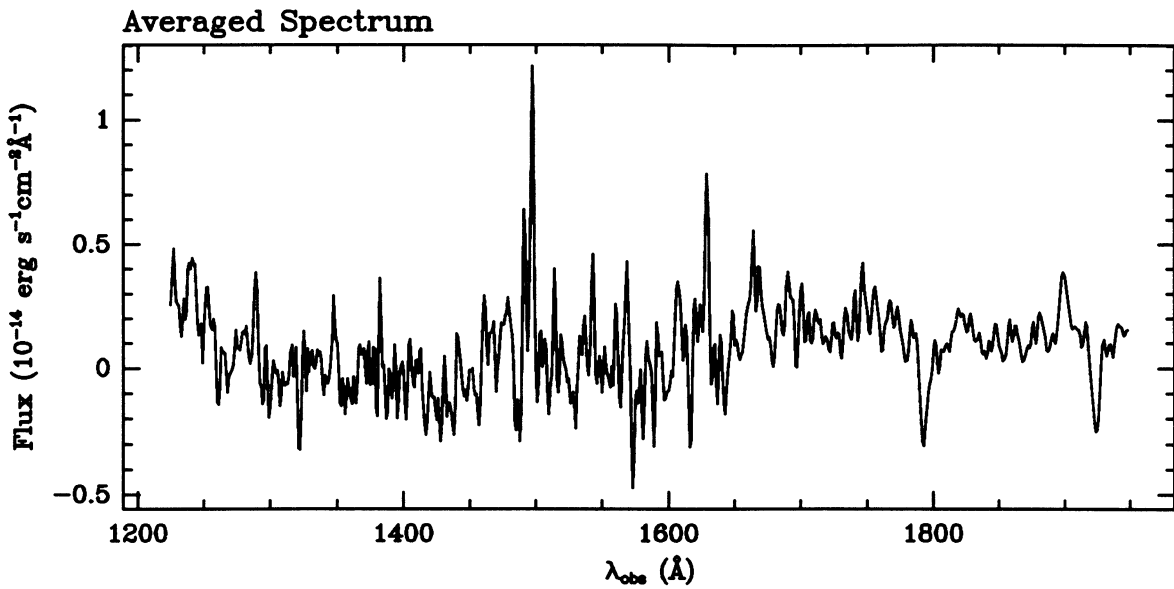
EINSTEIN • 6 • 565 • 784
EXOSAT • 309 • 522

References

• 14 • 85 • 99 • 158 • 284 • 302 • 309 • 320
• 400 • 474 • 559 • 593 • 634 • 717 • 729 • 730
• 743 • 747 • 776 • 804 • 816 • 823 • 829 • 867

PG 1222+229

Right Ascension	:	12h 22m 56.58s
Declination	:	22° 51' 49.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.051
Alternative Names	:	TON 1530, QSO 1222+229



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 26416 L	46262.0	15 Jul 85	42900.0			0.21			09
2	SWP 30297 L	46839.0	12 Feb 87	21360.0			0.05			313

X-Ray Spectra

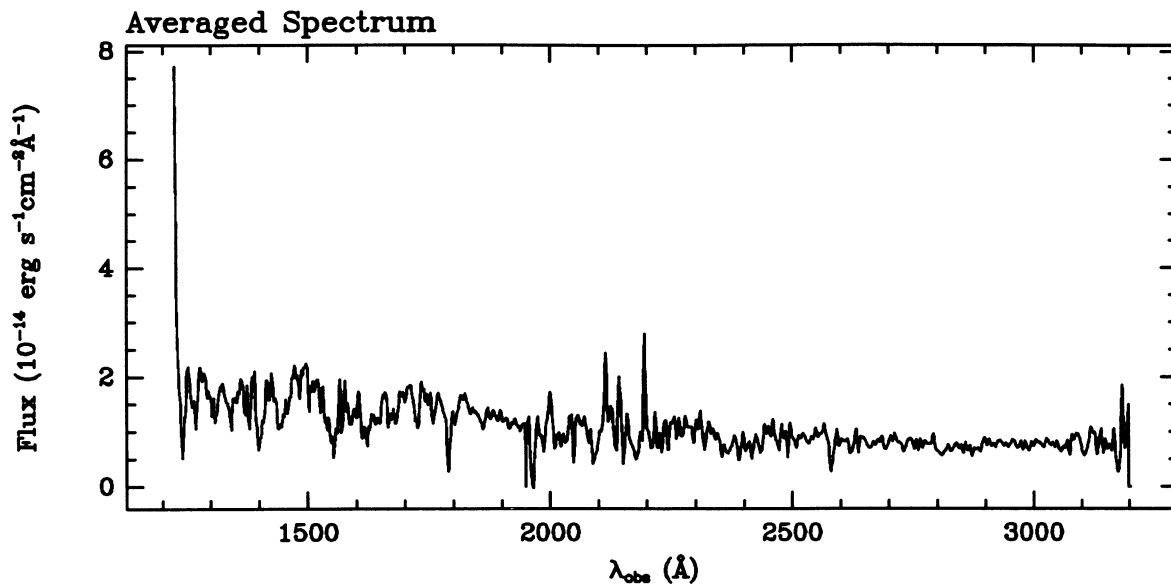
- EINSTEIN • 611 • 613
- EXOSAT • 444

References

- 214 • 265 • 302 • 307 • 312 • 491 • 621 • 701
- 711 • 719 • 729 • 801 • 804 • 830 • 832 • 895

NGC 4385

Right Ascension	: 12h 23m 08.90s
Declination	: 0° 51' 00.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.007
Alternative Names	: UGC 7515, MCG+00-32-0009, MRK 52
	: UM 499, IRAS 12231+0050



Observed Spectra

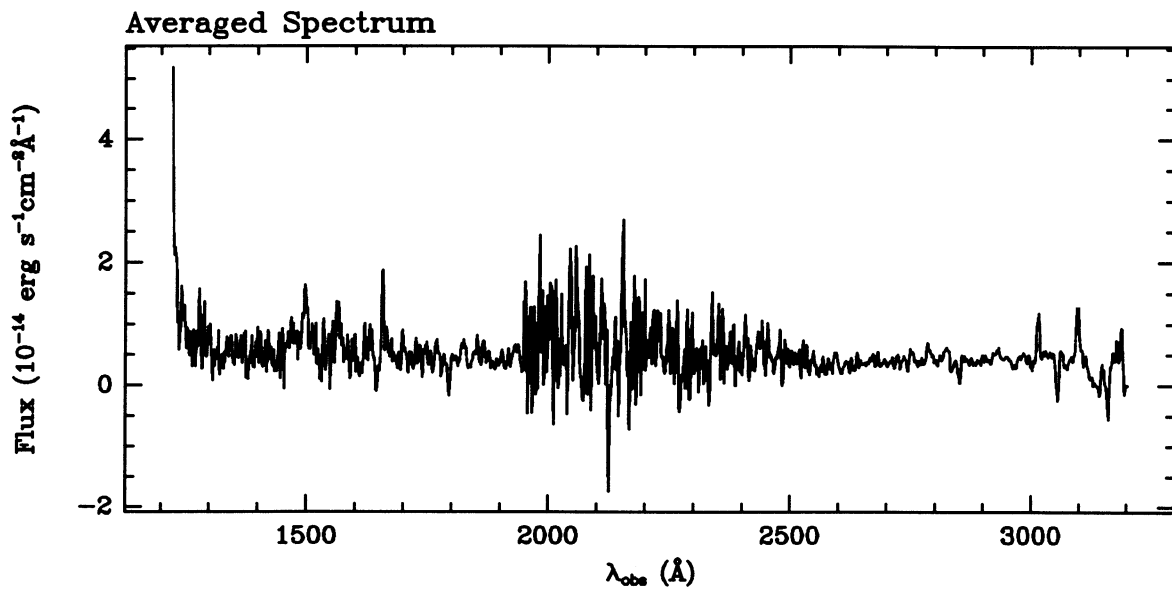
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
1	LWR 8097 L	44412.0	21 Jun 80	10800.0					305	
2	SWP 9341 L	44413.0	22 Jun 80	14160.0	45	45.87	1.58	1.11	333	

References

- 145 • 193 • 489 • 571 • 593 • 660 • 666 • 671
- 831 • 942

NGC 4388

Right Ascension	: 12h 23m 18.12s
Declination	: 12° 56' 00.1"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.008
Alternative Names	: UGC 7520, MCG+02-32-0041, IRAS 12232+1256
	: VCC 836, EQ 1223+129

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1280 Å	2217 Å	CEB	Flag
1	SWP 23104 L	45846.0	25 May 84	16800.0	46	52.62	0.86		334	
2	LWP 3441 L	45847.0	26 May 84	18000.0	46	52.63		0.70	309	D

X-Ray Spectra

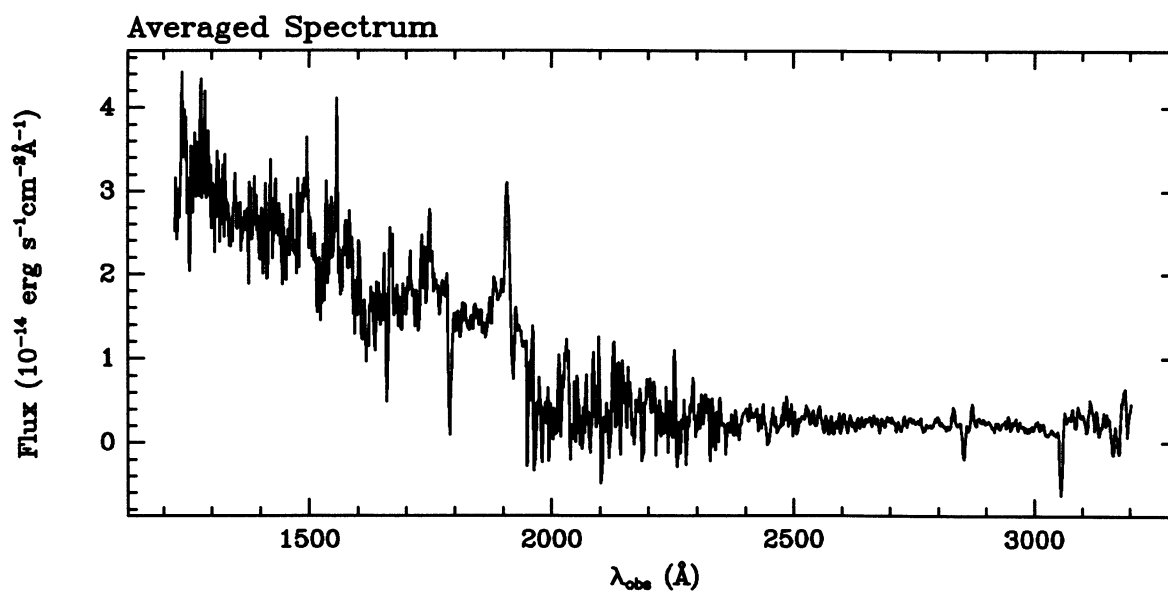
EINSTEIN	• 24	• 32	• 33	• 34	
	• 35	• 36	• 63	• 67	
	• 79	• 80	• 81	• 82	
	• 83	• 84	• 335	• 339	
	• 340	• 344	• 345	• 347	
	• 348	• 349	• 590	• 620	
	• 621	• 622	• 626	• 1009	
	• 1010	• 1012	• 1125	• 1208	
	• 1212	• 1214	• 1216		
	EXOSAT	• 34	• 35	• 36	• 37
		• 39	• 40	• 41	• 42
• 47		• 811	• 812	• 813	
• 1314		• 1315	• 1396		

References

• 164	• 177	• 181	• 315	• 335	• 384	• 394	• 445
• 499	• 566	• 640	• 706	• 712	• 717	• 822	• 836
• 874	• 906	• 912					

MRK 209

Right Ascension	:	12h 23m 50.60s
Declination	:	48° 46' 07.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	ZW I 36, MCG+08-23-0035, HARO 209
	:	UGCA 281, PG 1223+488

**Observed Spectra**

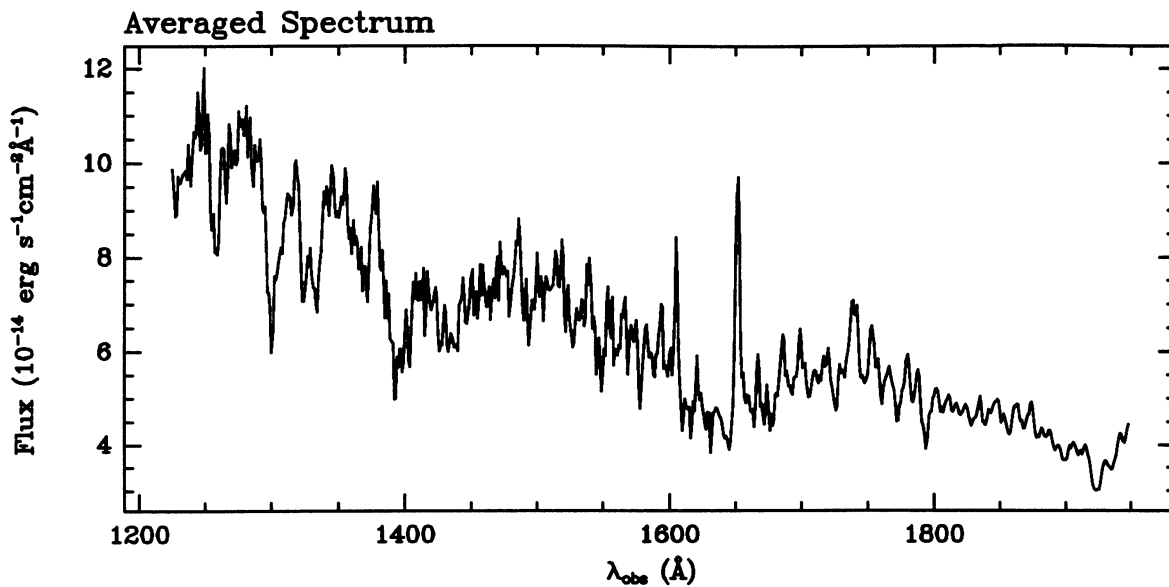
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
							10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	SWP 10484 L	44540.0	27 Oct 80	8820.0			3.20		3x5	
2	SWP 10495 L	44541.0	28 Oct 80	24420.0			3.19		348	
3	LWP 12696 L	47211.0	19 Feb 88	21600.0				0.39	309	

References

- 196
- 217
- 567
- 576
- 713

NGC 4449

Right Ascension	:	12h 25m 43.00s
Declination	:	44° 21' 41.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	UGC 7592, MCG+07-26-0009



Observed Spectra

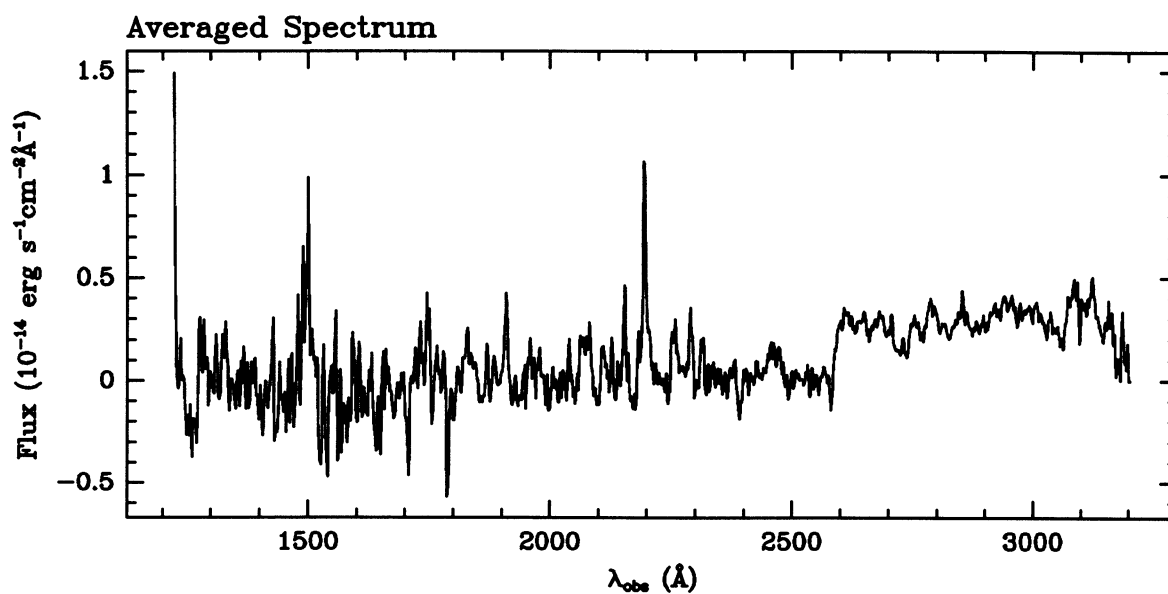
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP 33128 L	47242.0	21 Mar 88	1800.0			10.09		202	
2	SWP 33129 L	47242.0	21 Mar 88	1800.0			9.00			
3	SWP 33130 L	47242.0	21 Mar 88	1800.0			5.61		202	
4	SWP 33134 L	47243.0	22 Mar 88	1800.0			10.12		300	
5	SWP 33135 L	47243.0	22 Mar 88	1800.0			5.00		300	
6	SWP 33136 L	47243.0	22 Mar 88	1800.0			19.94		300	

References

- 66 • 114 • 167 • 211 • 260 • 271 • 274 • 293
- 304 • 344 • 421 • 581 • 836 • 864 • 881 • 904
- 940

QSO 1225+317

Right Ascension	:	12h 25m 55.94s
Declination	:	31° 45' 12.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.219
Alternative Names	:	B2 1225+31.7, TON 618



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 3413 L	43835.0	22 Nov 78	13200.0			0.22		11	
2	LWR 6209 L	44200.0	22 Nov 79	21120.0				0.31	209	
3	LWR 6253 L	44206.0	28 Nov 79	24000.0				0.30	306	
4	LWR 6300 L	44212.0	4 Dec 79	20520.0				0.37	309	

X-Ray Spectra

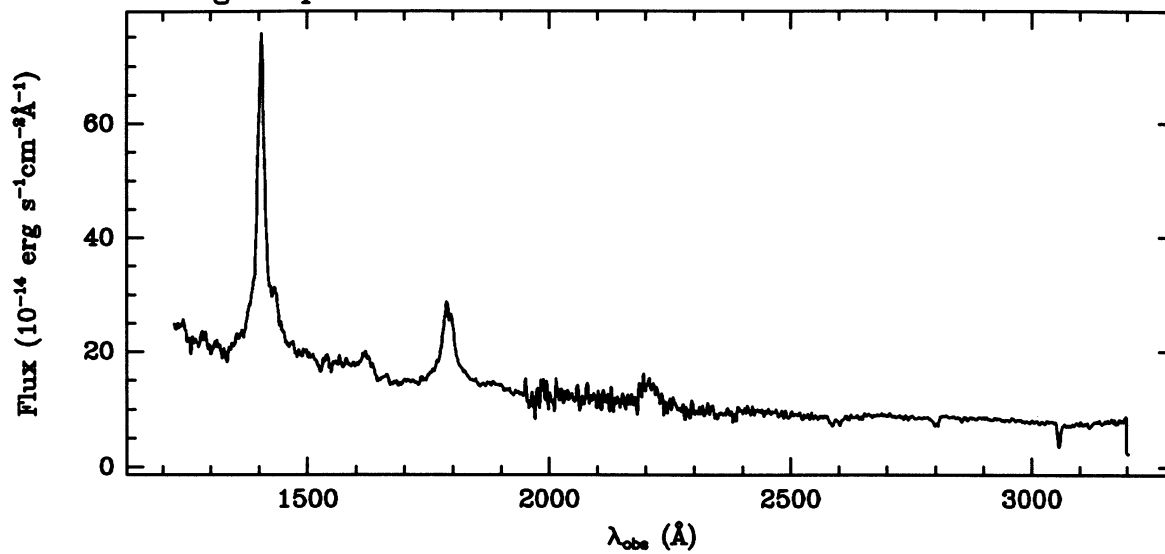
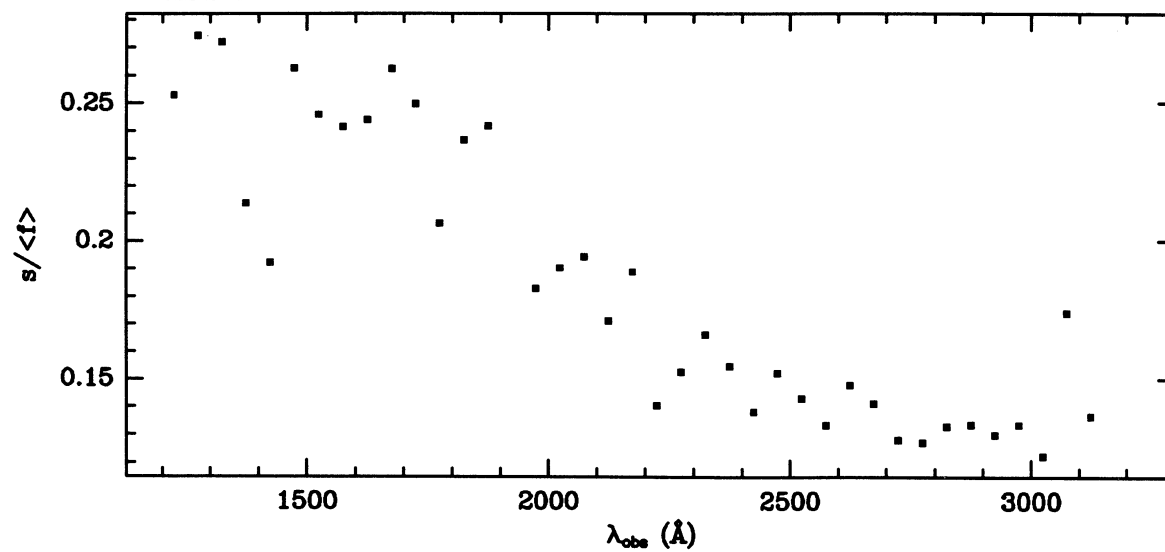
EINSTEIN • 62 • 601
 EXOSAT • 410 • 437

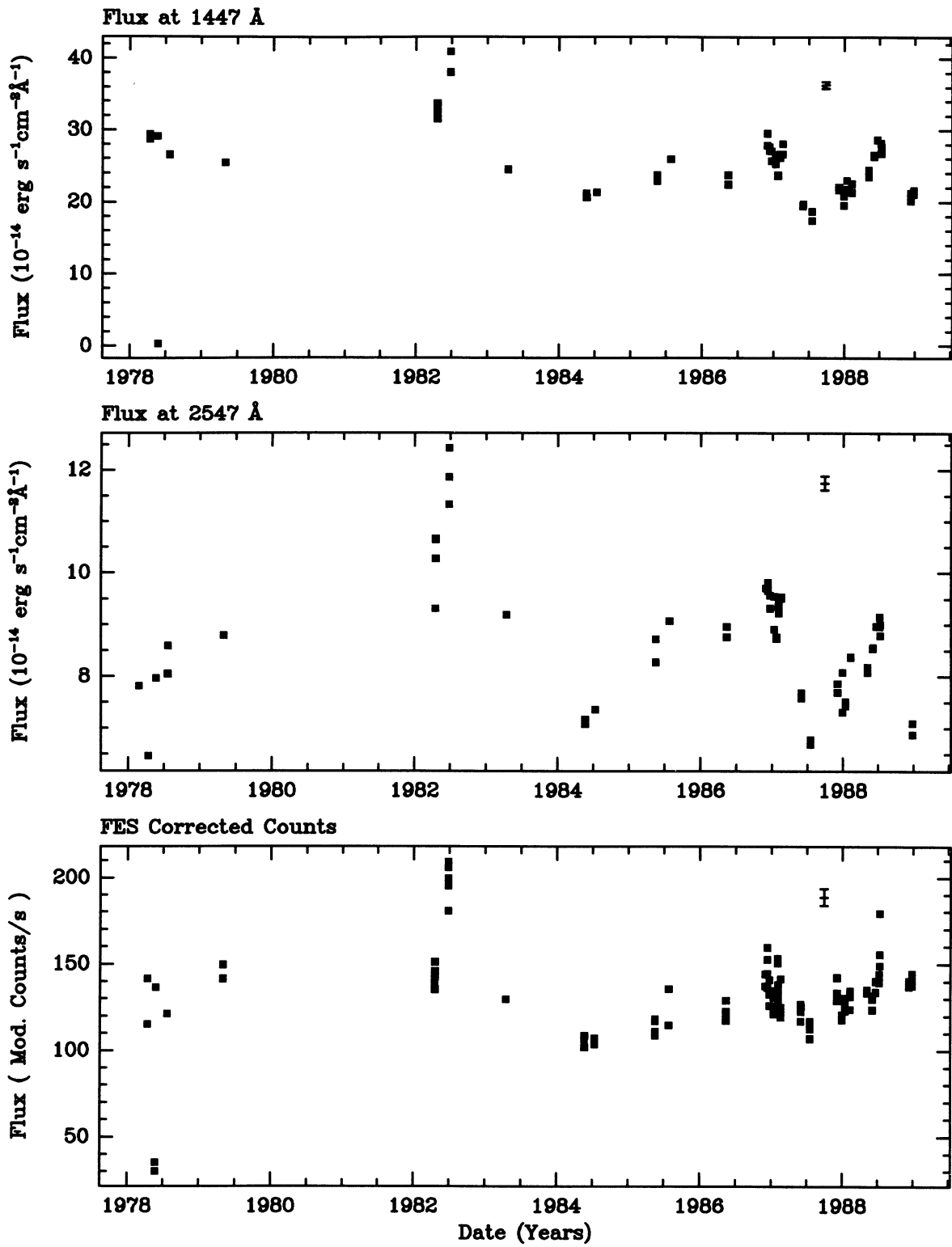
References

• 3 • 214 • 265 • 302 • 306 • 390 • 491 • 543
 • 590 • 613 • 673 • 687 • 701 • 766 • 776 • 806
 • 842 • 881

QSO 1226+023

Right Ascension	: 12h 26m 33.32s
Declination	: 2° 19' 43.2"
Object Type	: Quasar S1
ULDA Type	: 84,85,88
Redshift	: 0.158
Alternative Names	: 3C 273, 2A 1225+022, 4U 1226+02, H 1226+023
	: IRAS 12265+0219, NRAO 400, ON 044, PKS 1226+023

Averaged Spectrum**Standard Deviation**



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1447 Å	2547 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1027	L	43567.0	27 Feb 78	9000.0				7.82		
2	LWR	1321	L	43614.0	15 Apr 78	4200.0	114	115.43		6.47		
3	SWP	1365	L	43614.0	15 Apr 78	6000.0	140	141.75	28.75			
4	SWP	1366	L	43614.0	15 Apr 78	3000.0	140	141.75	29.47			
5	LWR	1447	S	43635.0	6 May 78	6300.0						
6	SWP	1492	S	43635.0	6 May 78	10800.0						
7	SWP	1498	S	43636.0	7 May 78	3600.0						
8	SWP	1509	S	43638.0	9 May 78	10800.0						
9	LWR	1565	L	43655.0	26 May 78	3600.0	30	30.36		7.96		
10	SWP	1642	L	43655.0	26 May 78	5400.0	35	35.42	29.17			
11	SWP	1655	S	43657.0	28 May 78	3600.0						
12	SWP	1655	L	43657.0	28 May 78	3600.0	135	136.61	0.33			D
13	LWR	1886	L	43714.0	24 Jul 78	3000.0				8.05		
14	LWR	1887	L	43715.0	25 Jul 78	2400.0	120	121.35		8.59		
15	SWP	2099	L	43715.0	25 Jul 78	3000.0	120	121.35	26.60			
16	SWP	2100	S	43715.0	25 Jul 78	4200.0						
17	LWR	4454	L	43998.0	4 May 79	2400.0	140	141.53		8.79		50
18	SWP	5116	L	43998.0	4 May 79	1500.0	148	149.62	25.47			35
19	LWR	4470	S	44000.0	6 May 79	3600.0						55
20	LWR	13042	L	45078.0	18 Apr 82	7200.0	136	143.68		9.31		x04
21	SWP	16790	L	45078.0	18 Apr 82	7200.0	131	138.39	32.80			5x7
22	LWR	13055	L	45080.0	20 Apr 82	1800.0				10.28		502
23	LWR	13056	L	45080.0	20 Apr 82	1800.0	135	142.64		10.67		502
24	LWR	13057	L	45080.0	20 Apr 82	1800.0	138	145.81		10.65		503
25	SWP	16801	L	45080.0	20 Apr 82	1800.0	143	151.09	31.56			451
26	SWP	16802	L	45080.0	20 Apr 82	1800.0	136	143.70	33.72			452
27	SWP	16803	L	45080.0	20 Apr 82	1800.0	128	135.24	32.53			453
28	LWR	13562	L	45148.0	27 Jun 82	1200.0	194	206.07		11.33		404
29	LWR	13563	L	45148.0	27 Jun 82	1380.0	188	199.70		12.43		402
30	LWR	13564	L	45148.0	27 Jun 82	1320.0				11.86		401
31	SWP	17300	L	45148.0	27 Jun 82	900.0	197	209.26	38.07			347
32	SWP	17301	L	45148.0	27 Jun 82	1380.0	187	198.63	40.98			353
33	SWP	17302	L	45148.0	27 Jun 82	1620.0	184	195.45	38.01			351
34	SWP	17303	L	45148.0	27 Jun 82	720.0	170	180.58	38.10			331
35	LWR	15739	L	45440.0	15 Apr 83	900.0				9.19		301
36	SWP	19731	L	45440.0	15 Apr 83	900.0	119	129.80	24.52			341
37	SWP	23063	L	45841.0	20 May 84	1500.0	91	104.03	21.26			341
38	LWP	3397	L	45842.0	21 May 84	1800.0	89	101.76		7.09		403 D
39	LWP	3398	L	45842.0	21 May 84	3600.0	95	108.62		7.18		503 D
40	SWP	23064	L	45842.0	21 May 84	3000.0	95	108.62	20.68			351
41	LWP	3757	L	45894.0	12 Jul 84	1800.0	90	103.63		7.37		413
42	SWP	23444	L	45894.0	12 Jul 84	2340.0	93	107.08	21.38			351
43	LWP	6009	L	46205.0	19 May 85	1800.0	97	117.10		8.28		553
44	LWP	6010	L	46205.0	19 May 85	3300.0	98	118.31		8.72		773
45	SWP	25973	L	46205.0	19 May 85	1500.0	90	108.65	22.93			341
46	SWP	25974	L	46205.0	19 May 85	3000.0	92	111.07	23.79			461
47	LWP	6501	L	46274.0	27 Jul 85	1800.0	111	135.59		9.07		503
48	SWP	26489	L	46274.0	27 Jul 85	1800.0	94	114.82	25.91			351
49	LWP	8195	L	46565.0	14 May 86	1800.0	95	122.64		8.76		403 D
50	LWP	8196	L	46565.0	14 May 86	2220.0	91	117.48		8.96		503 D
51	SWP	28304	L	46565.0	14 May 86	1800.0	94	121.35	22.43			351
52	SWP	28305	L	46565.0	14 May 86	3600.0	100	129.09	23.73			461
53	LWP	9603	L	46764.0	29 Nov 86	1800.0	107	144.28		9.71		451 D
54	SWP	29774	L	46764.0	29 Nov 86	1800.0	102	137.53	27.85			351
55	SWP	29775	L	46764.0	29 Nov 86	1800.0	107	144.28	29.57			342
56	SWP	29775	S	46764.0	29 Nov 86	2820.0						232
57	LWP	9679	L	46775.0	10 Dec 86	1800.0	101	136.53		9.67		504 D
58	LWP	9680	L	46775.0	10 Dec 86	2100.0	107	144.65		9.82		500 D
59	SWP	29843	L	46775.0	10 Dec 86	1800.0	118	159.52	27.17			500
60	SWP	29844	L	46775.0	10 Dec 86	2100.0	113	152.76	27.64			600
61	LWP	9750	L	46787.0	22 Dec 86	1800.0	93	126.07		9.32		502 D
62	LWP	9751	L	46787.0	22 Dec 86	1500.0	104	140.98		9.57		502 D
63	SWP	29939	L	46787.0	22 Dec 86	1800.0	98	132.85	27.08			351
64	SWP	29940	L	46787.0	22 Dec 86	1800.0	104	140.98	25.70			351
65	LWP	9913	L	46808.0	12 Jan 87	1800.0	89	121.25		9.55		501 D
66	LWP	9914	L	46808.0	12 Jan 87	2580.0	91	123.97		8.91		601 D

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1447 Å	2547 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
67	SWP	30081	L	46808.0	12 Jan 87	1800.0	96	130.79	25.25			351
68	SWP	30082	L	46808.0	12 Jan 87	2400.0	99	134.87	26.37			351
69	LWP	9997	L	46819.0	23 Jan 87	1800.0	98	133.86		8.73		501 D
70	LWP	9998	L	46819.0	23 Jan 87	1500.0	90	122.93		8.76		501 D
71	SWP	30141	L	46819.0	23 Jan 87	1800.0	92	125.67	23.77			350
72	SWP	30142	L	46819.0	23 Jan 87	1500.0	96	131.13	23.62			350
73	LWP	10060	L	46829.0	2 Feb 87	1800.0	96	131.44		9.35		502 D
74	SWP	30238	L	46829.0	2 Feb 87	1800.0	112	153.35	26.49			350
75	SWP	30239	L	46829.0	2 Feb 87	1800.0	110	150.61	26.64			350
76	LWP	10061	L	46830.0	3 Feb 87	2880.0	93	127.37		9.38		x03 D
77	LWP	10065	L	46830.0	3 Feb 87	1800.0	101	138.32		9.23		503 D
78	LWP	10066	L	46830.0	3 Feb 87	2100.0	92	126.00		9.42		503 D
79	SWP	30243	L	46830.0	3 Feb 87	1800.0	96	131.48	26.17			351
80	SWP	30244	L	46830.0	3 Feb 87	3000.0	98	134.22	26.56			451
81	LWP	10145	L	46845.0	18 Feb 87	1800.0	89	122.33		9.51		501 D
82	LWP	10146	L	46845.0	18 Feb 87	2220.0	91	125.08		9.54		602 D
83	SWP	30331	L	46845.0	18 Feb 87	1800.0	87	119.58	26.66			351
84	SWP	30332	L	46845.0	18 Feb 87	2400.0	103	141.58	28.10			361
85	LWP	10892	L	46948.0	1 Jun 87	1800.0	87	122.70		7.68		502 D
86	LWP	10893	L	46948.0	1 Jun 87	2220.0	90	126.93		7.59		503 D
87	SWP	31077	L	46948.0	1 Jun 87	1800.0	83	117.06	19.54			350
88	SWP	31078	L	46948.0	1 Jun 87	2400.0	89	125.52	19.47			350
89	SWP	31079	L	46949.0	2 Jun 87	2400.0	89	125.56	19.73			350
90	LWP	11233	L	46994.0	17 Jul 87	2100.0	82	117.05		6.70		452 D
91	LWP	11234	L	46994.0	17 Jul 87	2700.0	75	107.06		6.79		561 D
92	SWP	31353	L	46994.0	17 Jul 87	2100.0	80	114.19	17.43			350
93	SWP	31354	L	46994.0	17 Jul 87	3000.0	79	112.77	18.72			360
94	LWP	12224	L	47134.0	4 Dec 87	1800.0	90	133.52		7.87		503 D
95	LWP	12225	L	47134.0	4 Dec 87	1500.0				7.70		503 D
96	SWP	32459	L	47134.0	4 Dec 87	1800.0	96	142.43	21.72			350
97	SWP	32460	L	47134.0	4 Dec 87	3900.0	87	129.07	22.07			461
98	LWP	12395	L	47159.0	29 Dec 87	1800.0	80	119.55		7.32		501
99	LWP	12396	L	47159.0	29 Dec 87	1800.0	81	121.05		8.09		501
100	SWP	32638	L	47159.0	29 Dec 87	1800.0	79	118.06	19.60			350
101	SWP	32639	L	47159.0	29 Dec 87	3720.0	81	121.05	20.89			460
102	LWP	12493	L	47175.0	14 Jan 88	1800.0	86	129.12		7.44		402
103	LWP	12494	L	47175.0	14 Jan 88	2100.0	85	127.62		7.51		502
104	SWP	32725	L	47175.0	14 Jan 88	1800.0	87	130.62	21.78			350
105	SWP	32726	L	47175.0	14 Jan 88	3900.0	82	123.11	23.01			460
106	LWP	12632	L	47201.0	9 Feb 88	1800.0	87	131.63		8.38		502
107	SWP	32889	L	47201.0	9 Feb 88	1800.0	82	124.06	21.37			540
108	SWP	32890	L	47201.0	9 Feb 88	3900.0	89	134.66	22.57			560
109	LWP	13181	L	47290.0	8 May 88	1800.0	87	135.27		8.19		402
110	LWP	13182	L	47290.0	8 May 88	1800.0	87	135.27		8.09		402
111	SWP	33486	L	47290.0	8 May 88	1800.0	86	133.71	23.54			350
112	SWP	33487	L	47290.0	8 May 88	3000.0	87	135.27	24.47			460
113	LWP	13357	L	47317.0	4 Jun 88	1800.0	79	123.89		8.54		502
114	SWP	33704	L	47317.0	4 Jun 88	1800.0	83	130.16	26.34			350
115	SWP	33705	L	47317.0	4 Jun 88	3600.0	83	130.16	26.58			560
116	LWP	13358	L	47318.0	5 Jun 88	2400.0	84	131.77		8.56		602
117	LWP	13487	L	47334.0	21 Jun 88	1800.0	85	134.03		8.97		501
118	SWP	33797	L	47334.0	21 Jun 88	1800.0	89	140.33	28.69			450
119	SWP	33889	L	47352.0	9 Jul 88	1800.0	90	142.74	26.80			450
120	LWP	13602	L	47353.0	10 Jul 88	1800.0	88	139.62		8.96		500
121	LWP	13603	L	47353.0	10 Jul 88	2400.0	90	142.79		9.15		501
122	SWP	33890	L	47353.0	10 Jul 88	3780.0	91	144.38	28.18			570
123	LWP	13629	L	47356.0	13 Jul 88	1800.0	98	155.64		8.80		503
124	LWP	13630	L	47356.0	13 Jul 88	1500.0	113	179.46		9.00		55
125	SWP	33907	L	47356.0	13 Jul 88	1620.0	94	149.28	27.69			352
126	SWP	33908	L	47356.0	13 Jul 88	1500.0	94	149.28	26.81			354
127	SWP	34996	L	47506.0	10 Dec 88	1800.0	82	137.11	20.27			350
128	SWP	34997	L	47506.0	10 Dec 88	3600.0	84	140.45	21.28			460
129	LWP	14725	L	47523.0	27 Dec 88	1800.0	86	144.68		6.89		401
130	LWP	14726	L	47523.0	27 Dec 88	1500.0	82	137.95		7.11		401
131	SWP	35154	L	47523.0	27 Dec 88	1800.0	83	139.64	21.18			350
132	SWP	35155	L	47523.0	27 Dec 88	1800.0	85	143.00	21.67			350

X-Ray Spectra

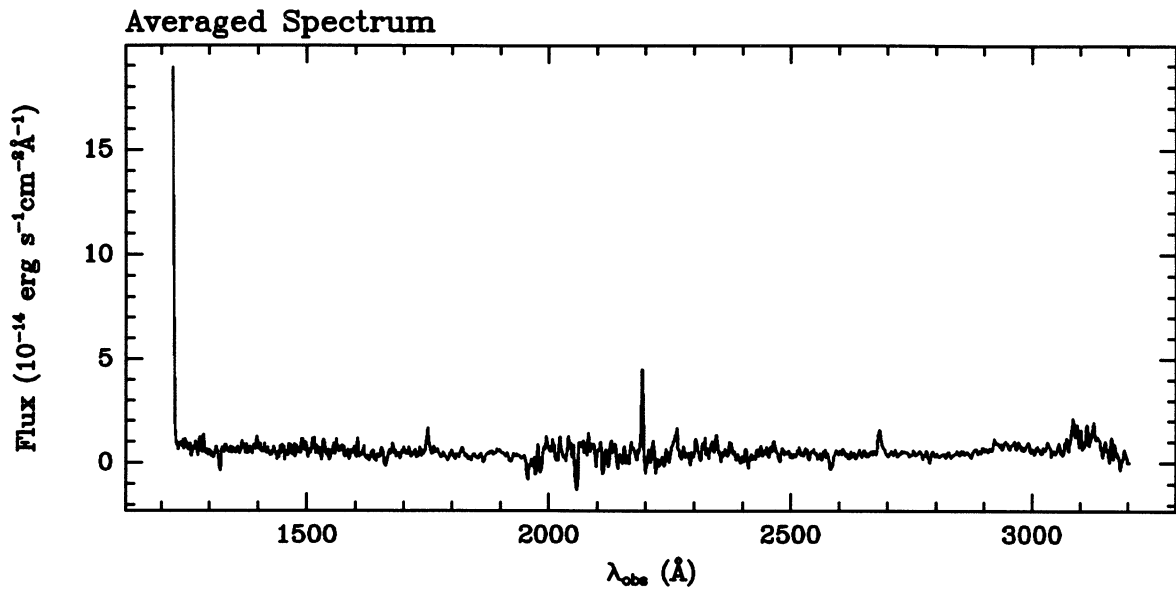
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EXOSAT	• 418	• 468	• 475	• 525
	• 528	• 773	• 777	• 873
	• 874	• 1380	• 1585	• 2012

References

• 4	• 6	• 8	• 9	• 12	• 14	• 15	• 16
• 18	• 19	• 20	• 24	• 29	• 35	• 37	• 42
• 54	• 56	• 57	• 60	• 63	• 65	• 69	• 76
• 85	• 89	• 94	• 99	• 125	• 156	• 166	• 174
• 175	• 191	• 214	• 227	• 235	• 245	• 249	• 253
• 272	• 284	• 288	• 289	• 296	• 302	• 309	• 320
• 339	• 366	• 374	• 386	• 414	• 420	• 432	• 450
• 458	• 488	• 504	• 521	• 522	• 541	• 553	• 464
• 474	• 482	• 548	• 556	• 564	• 572	• 578	• 589
• 590	• 595	• 600	• 603	• 607	• 618	• 621	• 634
• 636	• 641	• 647	• 659	• 661	• 662	• 669	• 678
• 680	• 720	• 728	• 740	• 741	• 782	• 783	• 786
• 794	• 801	• 804	• 811	• 816	• 819	• 820	• 823
• 826	• 829	• 830	• 832	• 843	• 846	• 849	• 850
• 855	• 856	• 863	• 867	• 882	• 894	• 898	• 919

NGC 4486

Right Ascension	: 12h 28m 17.65s
Declination	: 12° 40' 01.7"
Object Type	: Seyfert
ULDA Type	: 86
Redshift	: 0.004
Alternative Names	: M 87, UGC 7654, 3U 1228+12, IRAS 12282+1240
	: NRAO 401, 3C 274.0, PKS 1228+127, QSO 1228+127



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 \AA	2208 \AA	CEB	Flag
1	SWP 2157 L	43720.0	30 Jul 78	24000.0			1.05			
2	SWP 3584 L	43856.0	13 Dec 78	21600.0			0.05			11
3	SWP 4299 L	43924.0	19 Feb 79	25800.0	67	67.71	1.31			21
4	LWR 3818 L	43926.0	21 Feb 79	13800.0	260	262.75		0.62		21

X-Ray Spectra

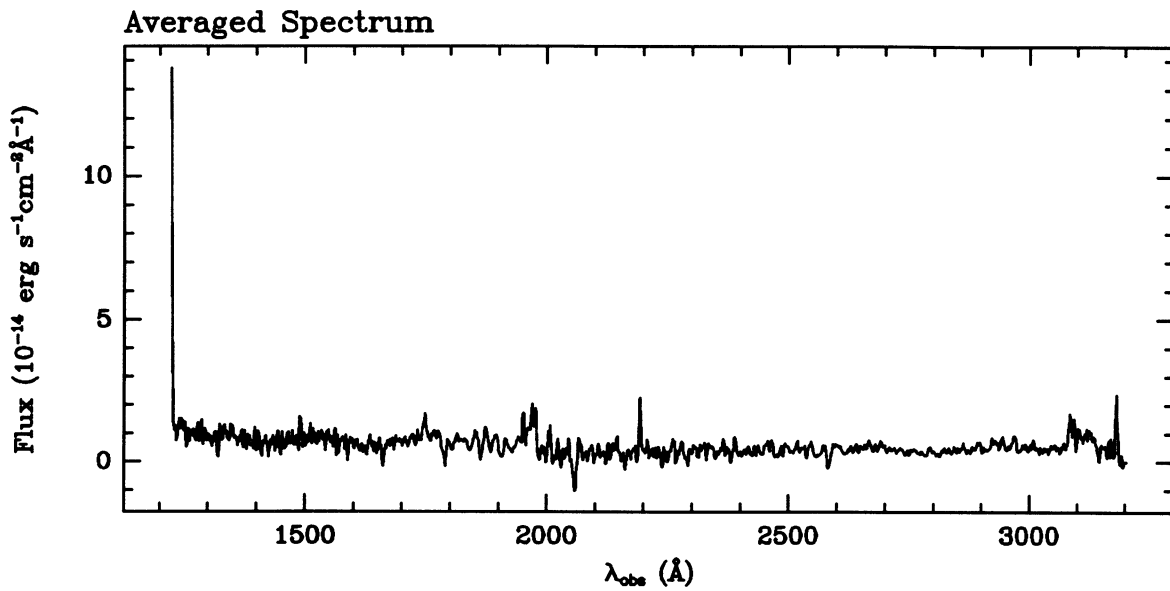
EINSTEIN	• 24	• 32	• 33	• 34	
	• 35	• 36	• 63	• 67	
	• 79	• 80	• 81	• 82	
	• 83	• 84	• 335	• 340	
	• 344	• 345	• 348	• 349	
	• 620	• 621	• 623	• 1009	
	• 1012	• 1125	• 1208	• 1212	
	• 1214				
	EXOSAT	• 34	• 35	• 36	• 37
		• 39	• 40	• 41	• 42
• 47		• 811	• 812	• 1314	
• 1315		• 1396			

References

• 2	• 7	• 25	• 48	• 54	• 62	• 72	• 89
• 93	• 94	• 110	• 114	• 119	• 120	• 140	• 147
• 150	• 168	• 187	• 190	• 223	• 269	• 288	• 317
• 341	• 386	• 389	• 391	• 403	• 404	• 408	• 412
• 441	• 445	• 510	• 516	• 559	• 581	• 582	• 630
• 633	• 638	• 645	• 650	• 658	• 670	• 690	• 716
• 725	• 774	• 775	• 778	• 779	• 794	• 798	• 799
• 836	• 850	• 880	• 906	• 920	• 927		

NGC 4486 JET

Right Ascension	:	12h 28m 17.65s
Declination	:	12° 40' 01.7"
Object Type	:	
ULDA Type	:	86
Redshift	:	0.004
Alternative Names	:	

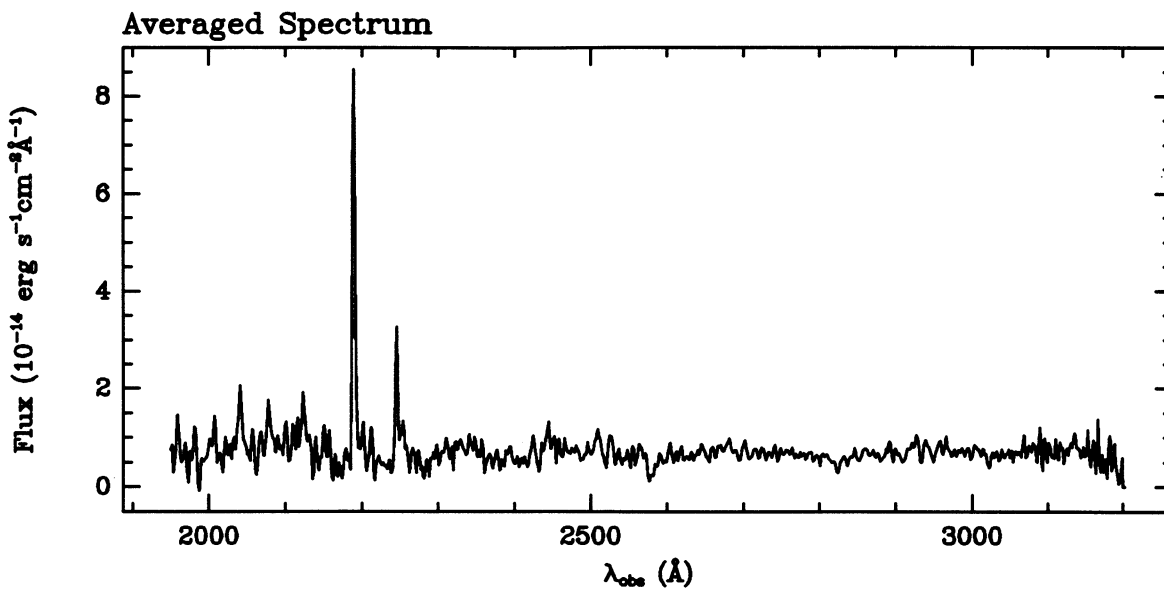


Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	SWP 2085 L	43712.0	22 Jul 78	22980.0			1.09			
2	SWP 3571 L	43854.0	11 Dec 78	22200.0			1.06			20
3	LWR 3159 L	43856.0	13 Dec 78	23400.0				0.52		21

NGC 4500

Right Ascension	:	12h 29m 00.90s
Declination	:	58° 14' 20.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	UGC 7667, MCG+10-18-0062
	:	MRK 213, IRAS 12290+5814



Observed Spectra

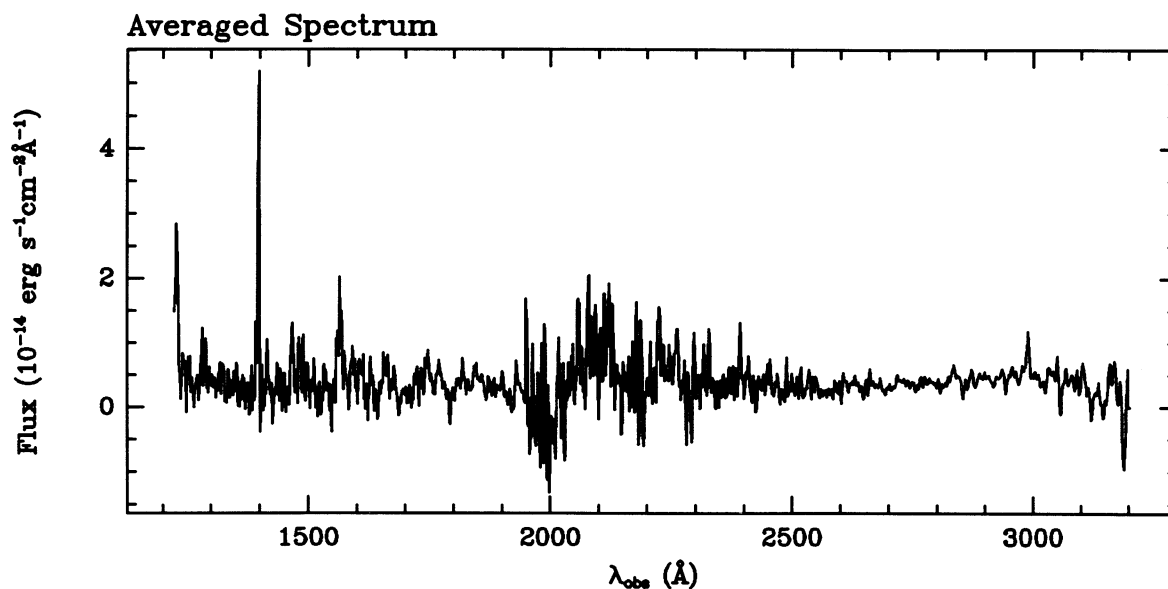
#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
1	LWR 10631 L	44742.0	17 May 81	11760.0	66	68.23	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		0.75	303

References

- 145
- 193
- 942

NGC 4253

Right Ascension	: 12h 15m 55.50s
Declination	: 30° 05' 27.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.012
Alternative Names	: UGC 7344, MCG+05-29-0051, MRK 766
	: IRAS 12159+3005, CASG 168, EQ 1215+300

**Observed Spectra**

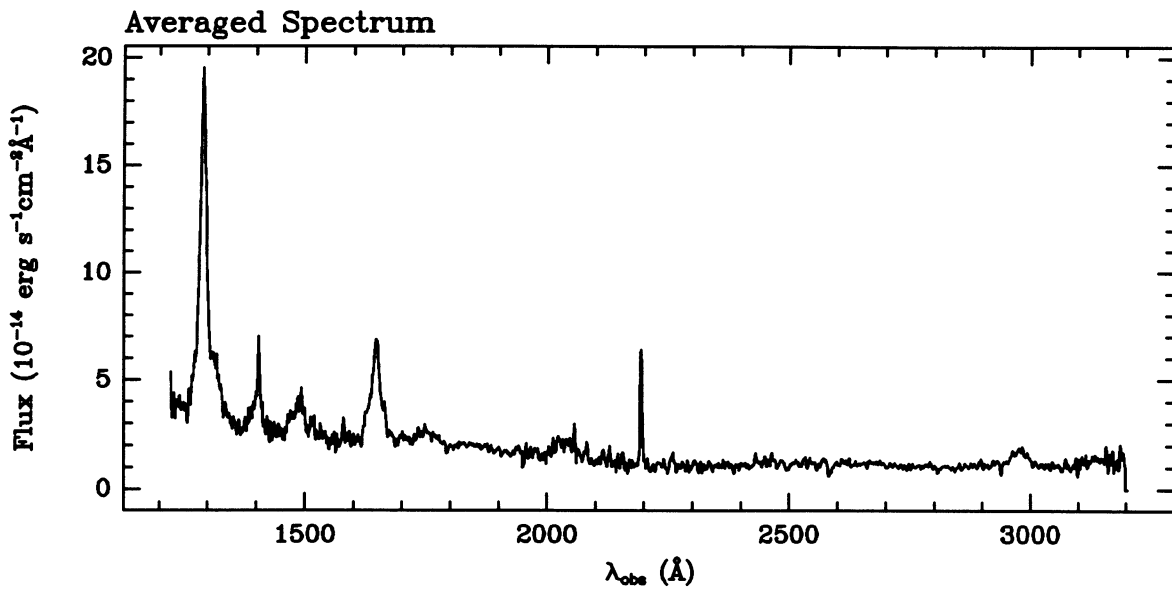
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1265 \AA	2226 \AA	CEB	Flag
1	LWP 10038 L	46824.0	28 Jan 87	8400.0	36	49.23	10^{-14} erg s^{-1} cm^{-2} \AA^{-1}		334	D
2	SWP 30184 L	46824.0	28 Jan 87	14400.0	37	50.60	0.50	0.64	232	

X-Ray Spectra

EINSTEIN	• 23	• 270	• 618	• 619
EXOSAT	• 372	• 386	• 393	• 403
	• 423	• 534	• 540	• 546
	• 552	• 817	• 832	• 1274
	• 1302	• 1331	• 1358	• 1376
	• 1536	• 1559	• 1571	• 1572
	• 1582	• 1595	• 1609	• 1620
	• 1628	• 1983	• 2006	

MRK 771

Right Ascension	: 12h 29m 33.10s
Declination	: 20° 26' 05.0"
Object Type	: Seyfert 1
ULDA Type	: 85
Redshift	: 0.064
Alternative Names	: ARK 374, MCG+03-32-0061, TON 1542
	: QSO 1229+204, PG 1229+204

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1330 Å	2340 Å	CEB	Flag
1	SWP 16880 L	45091.0	1 May 82	19140.0			4.81		3x5	
2	LWR 13136 L	45092.0	2 May 82	7200.0				1.26	303	
3	SWP 16884 L	45092.0	2 May 82	2700.0			4.32		231	
4	LWR 16065 L	45490.0	4 Jun 83	8712.0				1.00	333	
5	SWP 20142 L	45490.0	4 Jun 83	14400.0			4.21		3x4	
6	LWR 16071 L	45491.0	5 Jun 83	15600.0				0.95	433	

X-Ray Spectra

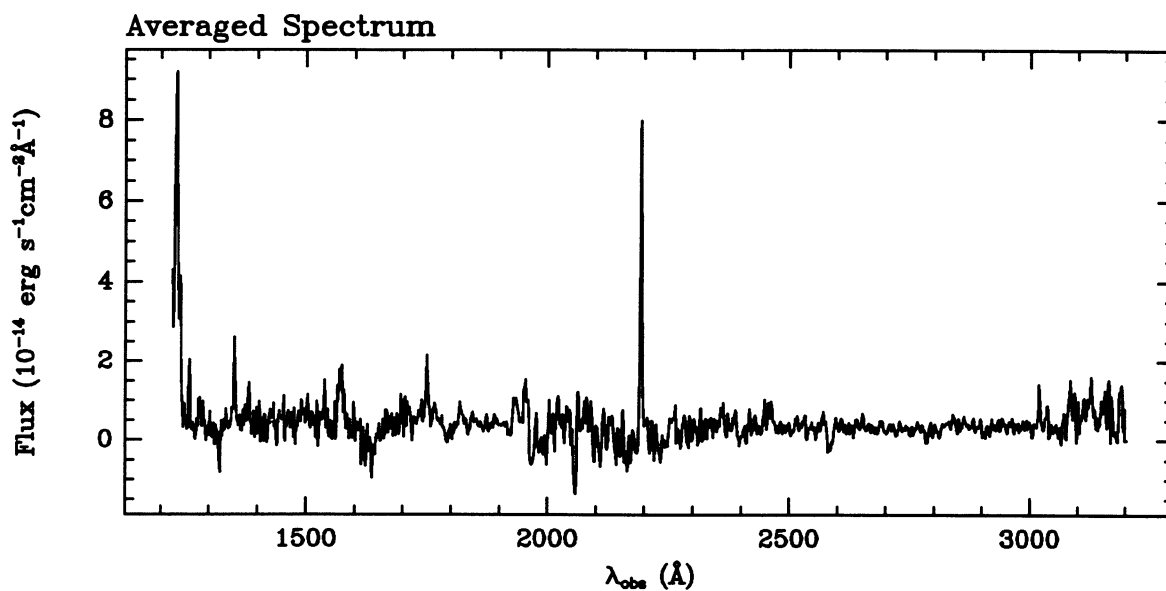
EINSTEIN	• 331	• 585	• 607	• 614
EXOSAT	• 466	• 1629		

References

- 8
- 146
- 151
- 163
- 253
- 302
- 315
- 320
- 378
- 394
- 402
- 474
- 590
- 593
- 621
- 634
- 717
- 776
- 804
- 816
- 823
- 830
- 832

NGC 4507

Right Ascension	: 12h 32m 55.00s
Declination	: -39° 38' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 84,88
Redshift	: 0.012
Alternative Names	: MCG-07-26-0011, TOL 97, ESO 322- 29
	: IRAS 12329-3938, EQ 1232-396



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1265 Å	2226 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		
1	LWR	4332	L	43987.0	23 Apr 79	10860.0				0.01	30	
2	SWP	5037	L	43990.0	26 Apr 79	25320.0	70	70.76	0.92		25	
3	SWP	15623	L	44941.0	2 Dec 81	3600.0			0.74		31	

X-Ray Spectra

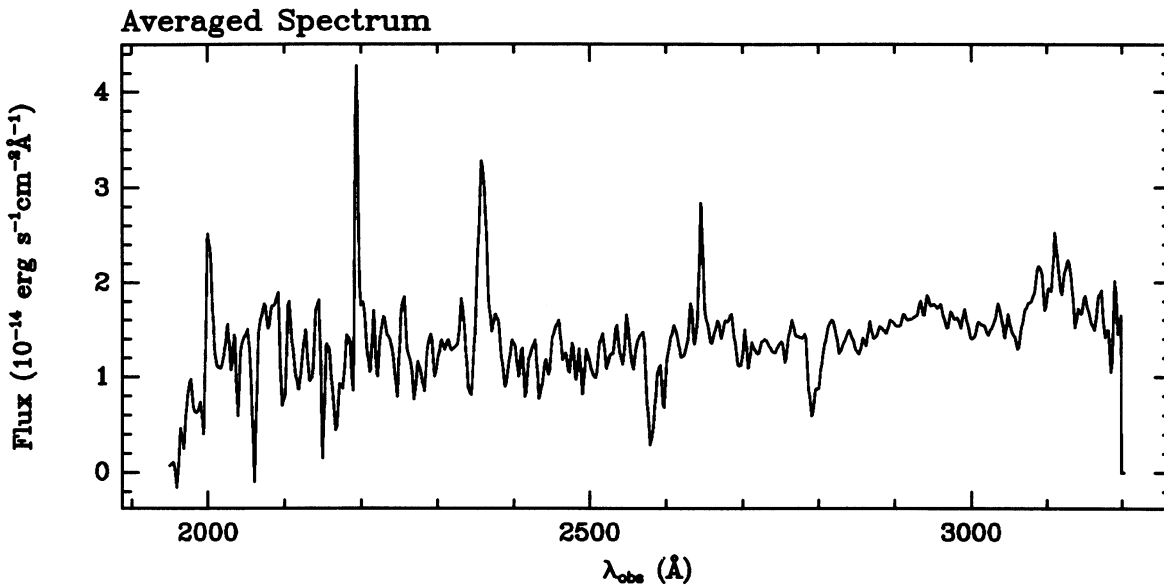
EINSTEIN • 655 • 665
 EXOSAT • 508

References

- 33 • 63 • 94 • 181 • 281 • 359 • 396 • 445
- 453 • 475 • 485 • 490 • 552 • 582 • 664 • 717
- 775

NGC 4569

Right Ascension	: 12h 34m 18.70s
Declination	: 13° 26' 18.0"
Object Type	: Seyfert
ULDA Type	: 88
Redshift	: 0.000
Alternative Names	: M 90, UGC 7786, MCG+02-32-0155
	: IRAS 12343+1326, VCC 1690, EQ 1234+134



Observed Spectra

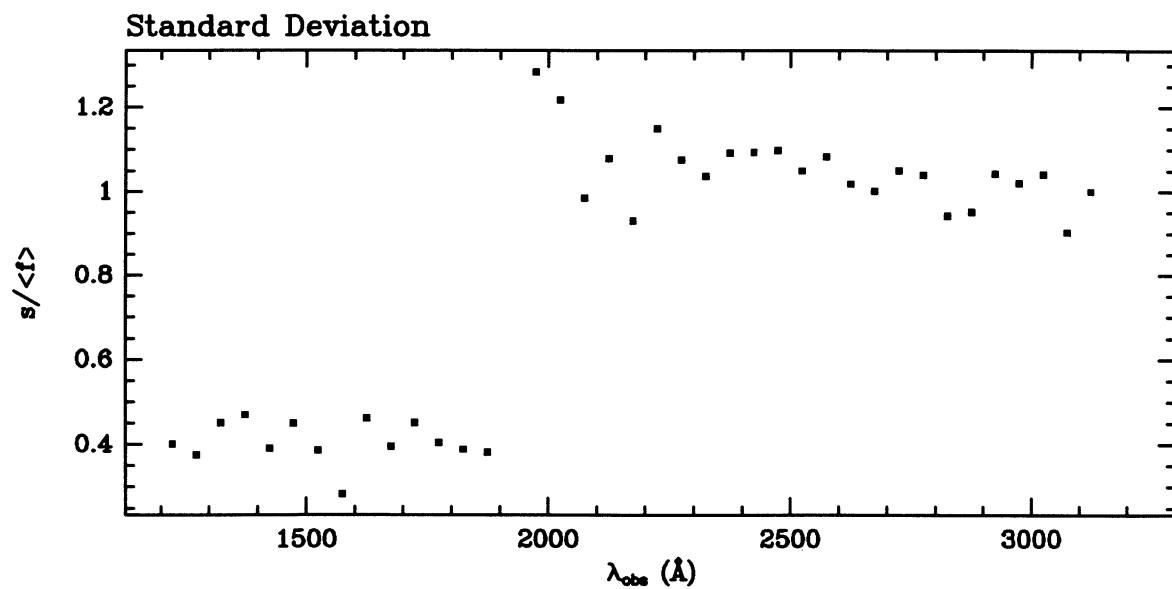
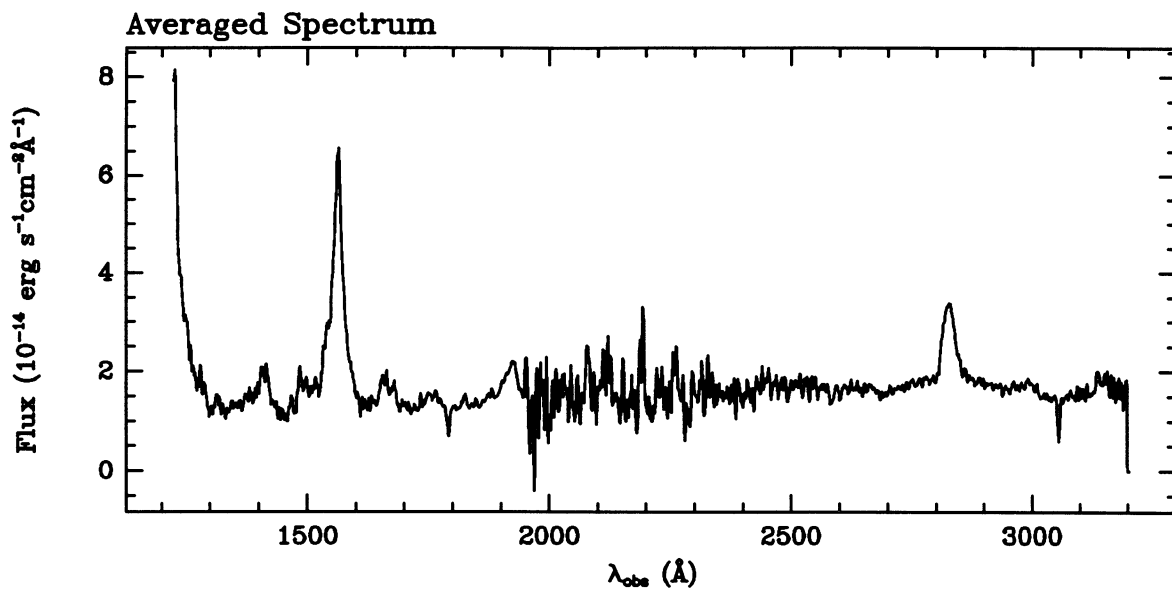
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWR 8398 L	44452.0	31 Jul 80	12000.0					1.61	

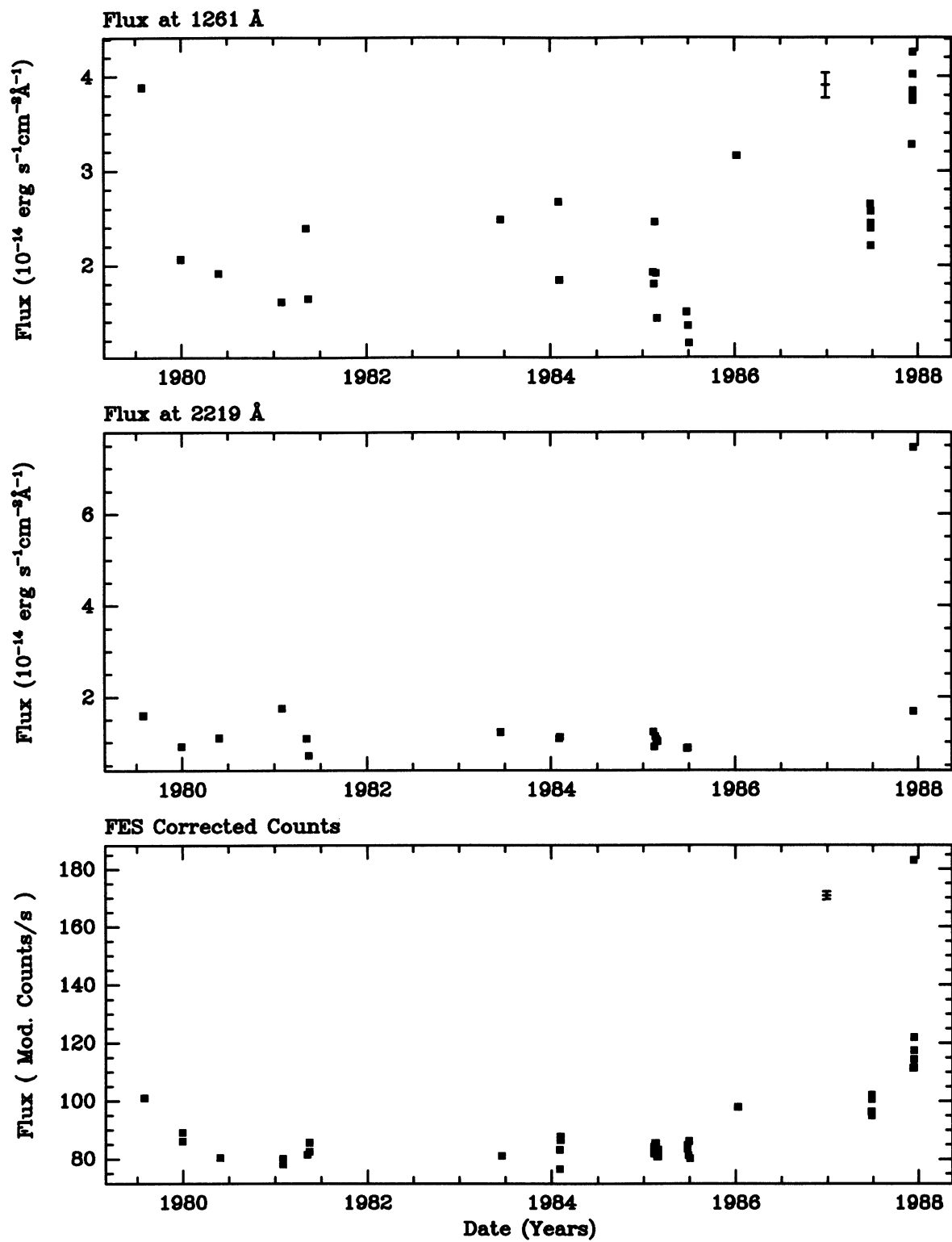
References

- 197 • 445 • 581 • 582 • 593 • 650 • 775 • 831
- 836 • 897 • 906

NGC 4593

Right Ascension	: 12h 37m 04.50s
Declination	: - 5° 04' 12.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.009
Alternative Names	: MCG-01-32-0032, MRK 1330
	: EQ 1237-05, IRAS 12370-0504





Observed Spectra

#	Observation		Date		Exposure Time s	FES		Flux		Code	
			MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
								$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	SWP	5991	L	44085.0	30 Jul 79	8108.0	100	101.18	3.88		33
2	LWR	5218	L	44086.0	31 Jul 79	7200.0	100	101.19		1.60	45
3	LWR	6499	L	44239.0	31 Dec 79	11160.0	88	89.28		0.92	349
4	SWP	7508	L	44239.0	31 Dec 79	4500.0	85	86.24	2.07		334
5	LWR	7884	L	44389.0	29 May 80	6900.0				1.11	455
6	SWP	9145	L	44389.0	29 May 80	11100.0	79	80.47	1.92		232
7	LWR	9818	L	44636.0	31 Jan 81	2520.0	78	80.21		1.75	332
8	SWP	11201	L	44636.0	31 Jan 81	6600.0	76	78.16	1.62		331
9	LWR	10539	L	44732.0	7 May 81	10800.0	79	81.63		1.09	565
10	SWP	13915	L	44732.0	7 May 81	12960.0	79	81.63	2.40		342
11	LWR	10622	L	44741.0	16 May 81	9600.0	83	85.80		0.72	344
12	SWP	13974	L	44741.0	16 May 81	17220.0	80	82.70	1.65		332
13	LWR	16177	L	45502.0	16 Jun 83	9600.0				1.23	455
14	SWP	20237	L	45503.0	17 Jun 83	13380.0	74	81.25	2.49		331
15	LWP	2731	L	45733.0	2 Feb 84	7200.0	74	83.43		1.09	354 D
16	SWP	22186	L	45733.0	2 Feb 84	10020.0	68	76.67	2.68		331
17	LWP	2741	L	45736.0	5 Feb 84	6720.0	77	86.84		1.12	351 D
18	SWP	22207	L	45736.0	5 Feb 84	12600.0	78	87.97	1.85		332
19	LWP	5348	L	46108.0	11 Feb 85	9000.0	69	82.00		1.23	465 D
20	SWP	25213	L	46108.0	11 Feb 85	15780.0	71	84.37	1.93		342
21	LWP	5371	L	46112.0	15 Feb 85	8400.0	72	85.62		0.91	464 D
22	SWP	25249	L	46112.0	15 Feb 85	16200.0	69	82.05	1.80		342
23	LWP	5394	L	46116.0	19 Feb 85	7800.0	71	84.48		1.14	454 D
24	SWP	25277	L	46116.0	19 Feb 85	15540.0	72	85.67	2.46		341
25	LWP	5411	L	46120.0	23 Feb 85	7800.0	70	83.34		1.07	454 D
26	SWP	25302	L	46120.0	23 Feb 85	16860.0	68	80.96	1.92		341
27	LWP	5430	L	46124.0	27 Feb 85	7200.0	68	81.01		1.03	454 D
28	SWP	25329	L	46124.0	27 Feb 85	12180.0	70	83.40	1.44		332
29	SWP	26252	L	46241.0	24 Jun 85	17400.0	70	85.02	1.51		333
30	LWP	6266	L	46242.0	25 Jun 85	8040.0	69	83.82		0.87	454 D
31	LWP	6300	L	46246.0	29 Jun 85	7800.0	67	81.45		0.89	454 D
32	SWP	26314	L	46247.0	30 Jun 85	17220.0	71	86.33	1.36		333
33	SWP	26347	L	46251.0	4 Jul 85	17460.0	66	80.30	1.17		333
34	SWP	27489	L	46441.0	10 Jan 86	10800.0	78	98.24	3.16		342
35	SWP	31250	L	46972.0	25 Jun 87	6900.0	68	96.50	2.65		331
36	SWP	31251	L	46973.0	26 Jun 87	6900.0	72	102.21	2.39		331
37	SWP	31252	L	46973.0	26 Jun 87	6900.0	71	100.79	2.58		333
38	SWP	31253	L	46973.0	26 Jun 87	9900.0	67	95.11	2.21		334
39	SWP	31254	L	46973.0	26 Jun 87	9900.0	68	96.53	2.45		334
40	SWP	32496	L	47140.0	10 Dec 87	10260.0	75	111.46	3.28		341
41	LWP	12278	L	47144.0	14 Dec 87	1500.0	75	111.59		7.46	454 D
42	LWP	12279	L	47144.0	14 Dec 87	5580.0	123	183.01		1.69	405 D
43	SWP	32520	L	47144.0	14 Dec 87	7200.0	79	117.54	3.85		231
44	SWP	32521	L	47144.0	14 Dec 87	7200.0	77	114.57	3.81		231
45	SWP	32522	L	47144.0	14 Dec 87	7200.0	75	111.59	3.75		331
46	SWP	32523	L	47144.0	14 Dec 87	7200.0	79	117.54	4.02		333
47	SWP	32524	L	47144.0	14 Dec 87	7200.0	82	122.01	4.26		333

X-Ray Spectra

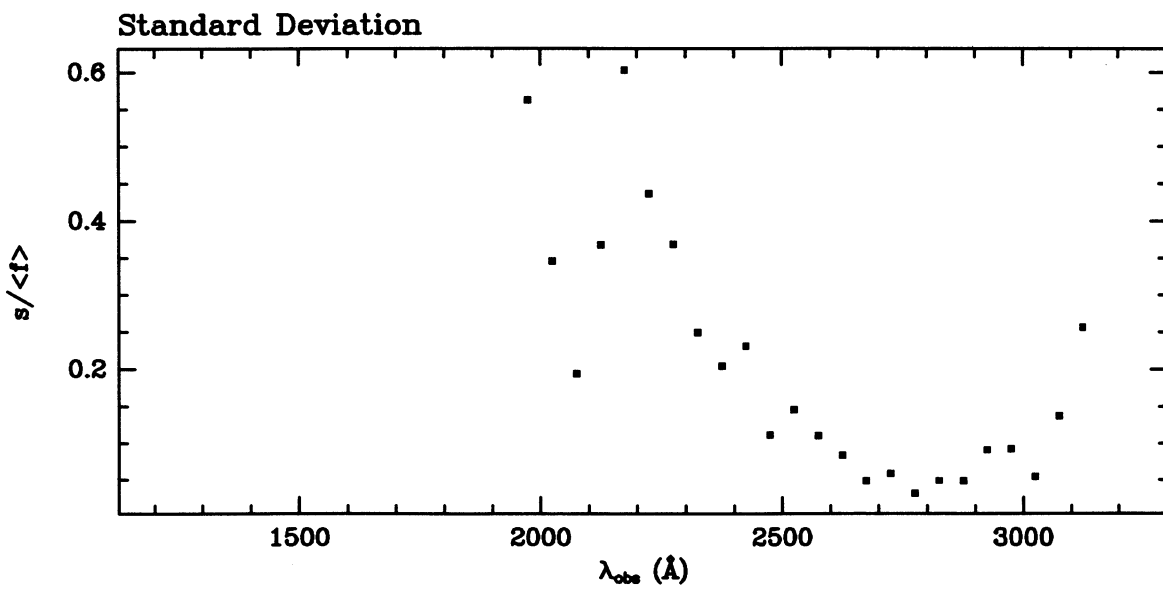
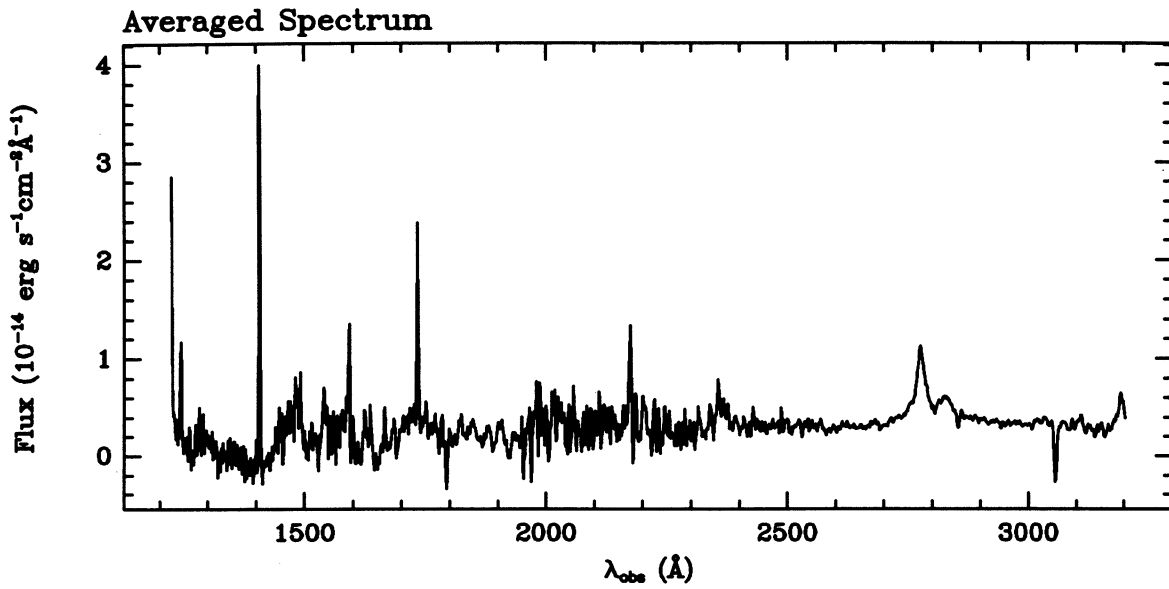
- | | | | | |
|----------|--------|--------|--------|--------|
| EINSTEIN | • 92 | • 307 | • 308 | • 317 |
| | • 974 | • 1029 | | |
| EXOSAT | • 489 | • 543 | • 600 | • 827 |
| | • 878 | • 1663 | • 1675 | • 1681 |
| | • 1999 | • 2031 | | |

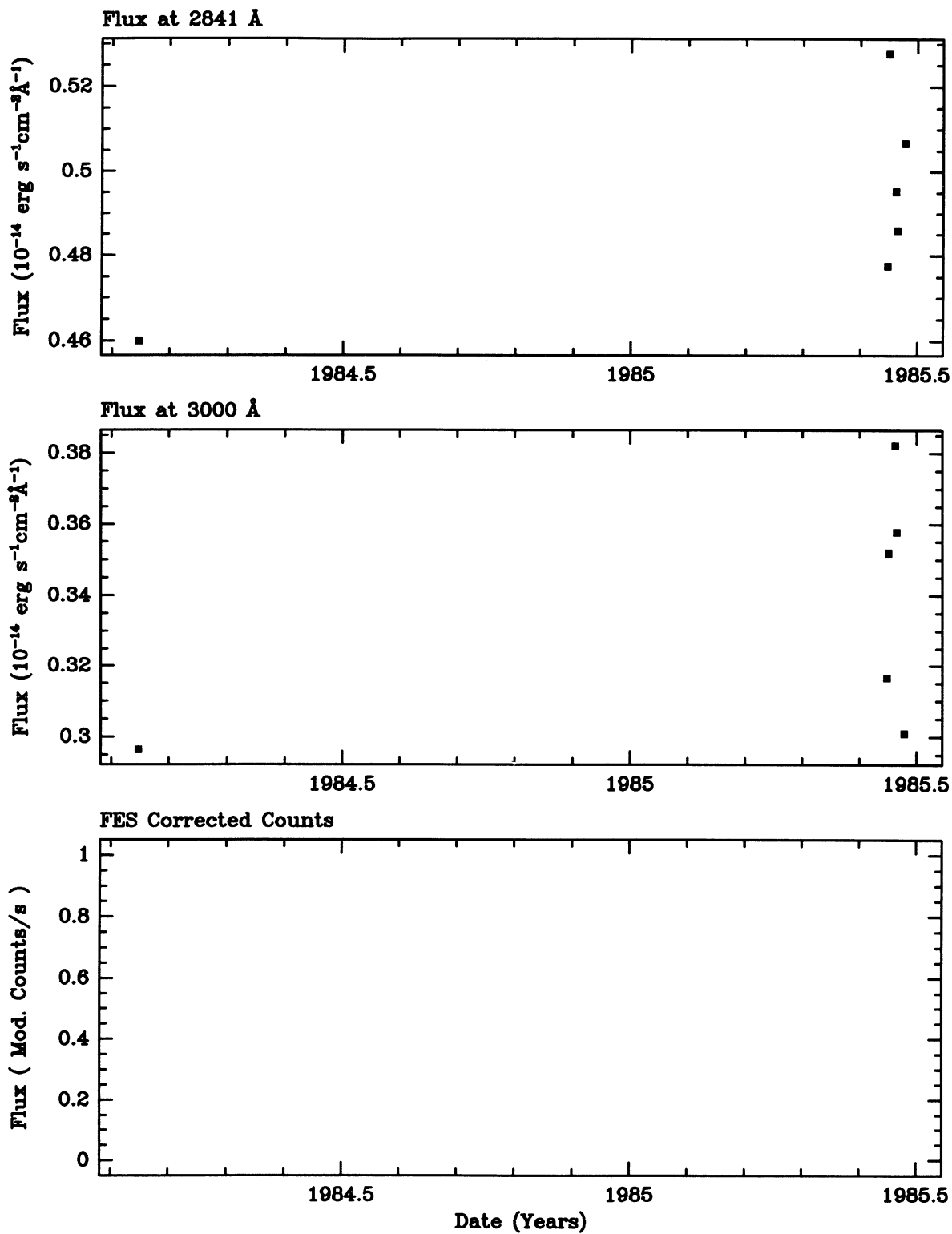
References

- | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| • 85 | • 94 | • 99 | • 123 | • 125 | • 158 | • 172 | • 179 |
| • 226 | • 234 | • 250 | • 261 | • 320 | • 385 | • 394 | • 400 |
| • 434 | • 464 | • 488 | • 539 | • 555 | • 561 | • 602 | • 607 |
| • 717 | • 724 | • 729 | • 766 | • 776 | • 816 | • 831 | • 845 |
| • 894 | • 896 | | | | | | |

PG 1241+176

Right Ascension	: 12h 41m 41.00s
Declination	: 17° 37' 29.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.273
Alternative Names	: QSO 1241-176





Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2841 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP	2836	L	45754.0	23 Feb 84	18000.0			0.46	0.30	356	
2	SWP	22338	L	45754.0	23 Feb 84	29400.0					307	
3	LWP	6202	L	46230.0	13 Jun 85	16800.0			0.48	0.32	347	
4	LWP	6202	S	46230.0	13 Jun 85	16800.0					347	D
5	LWP	6215	L	46231.0	14 Jun 85	16800.0			0.53	0.35	347	
6	LWP	6215	S	46231.0	14 Jun 85	16800.0					347	D
7	LWP	6246	L	46235.0	18 Jun 85	18000.0			0.50	0.38	355	
8	LWP	6247	L	46236.0	19 Jun 85	18000.0			0.49	0.36	407	
9	LWP	6247	S	46236.0	19 Jun 85	18000.0					407	D
10	LWP	6262	L	46241.0	24 Jun 85	27900.0			0.51	0.30	474	

X-Ray Spectra

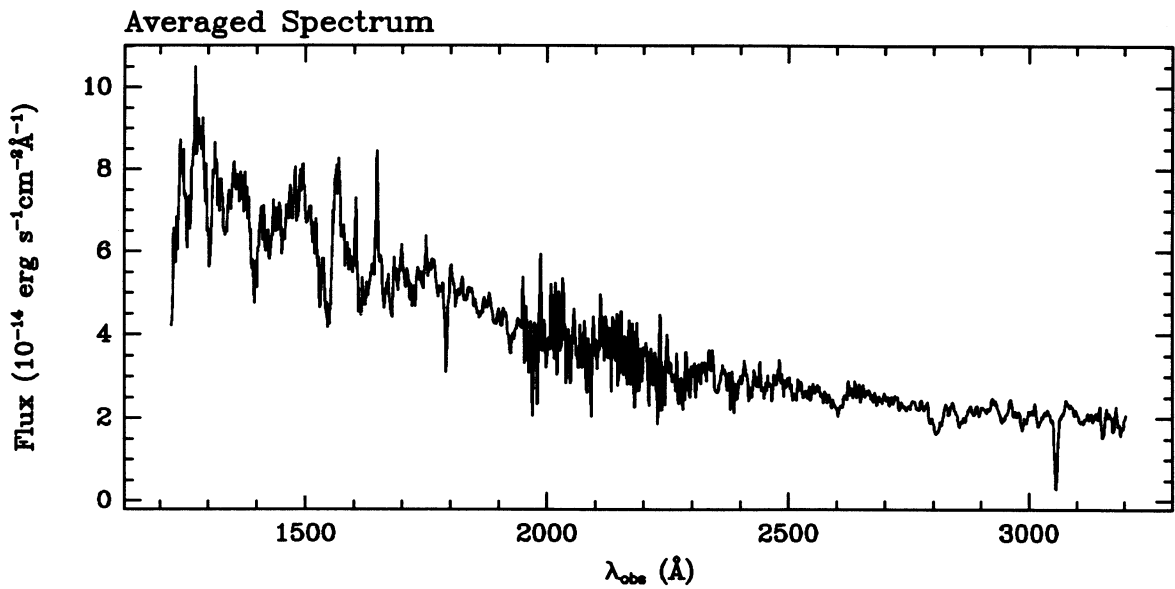
EINSTEIN • 625 • 1209 • 1228
EXOSAT • 831 • 1661

References

• 460 • 621 • 741 • 776 • 830 • 832 • 842

NGC 4670

Right Ascension	:	12h 42m 49.00s
Declination	:	27° 23' 54.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	UGC 7930, MCG+05-30-0072
	:	IRAS 12428+2724, HARO 9



Observed Spectra

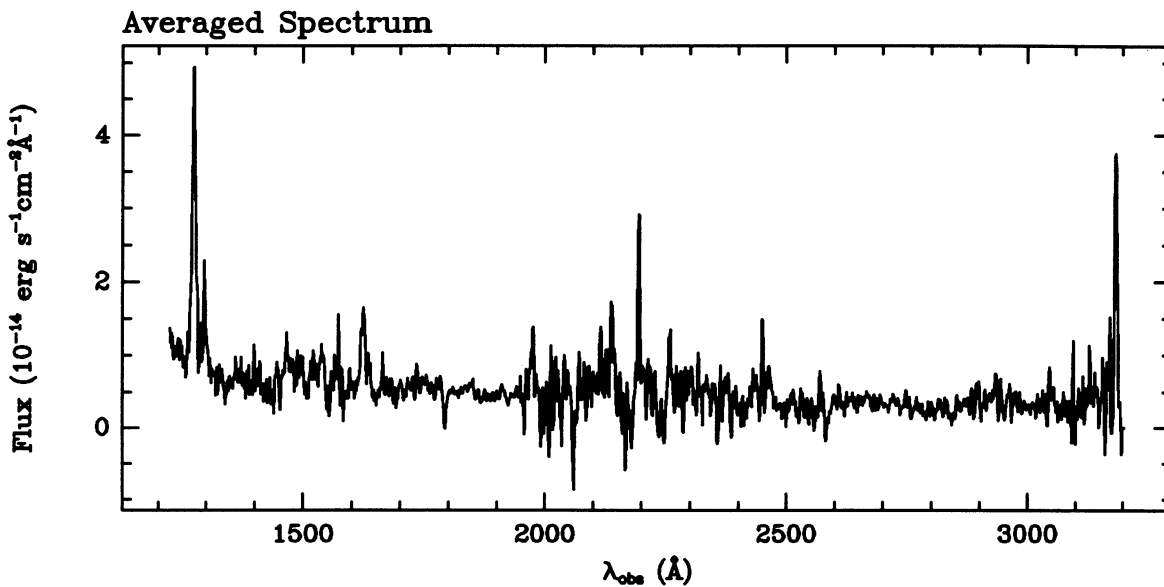
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
									10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹			
1	SWP	13533	L	44683.0	19 Mar 81	10800.0			8.09			302
2	LWP	12640	L	47202.0	10 Feb 88	10800.0	46	69.63		3.18		502
3	SWP	32895	L	47202.0	10 Feb 88	9900.0	45	68.11	7.19			431

References

- 97
- 211
- 252
- 421
- 489
- 576
- 620
- 717

PG 1244+026

Right Ascension	:	12h 44m 02.10s
Declination	:	2° 38' 31.0"
Object Type	:	Seyfert 1
ULDA Type	:	84,85
Redshift	:	0.048
Alternative Names	:	QSO 1244+026

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1310 Å	2305 Å	CEB	Flag
1	LWR 15213 L	45374.0	8 Feb 83	7200.0			0.96	0.51	332	
2	SWP 19223 L	45374.0	8 Feb 83	22800.0					345	

X-Ray Spectra

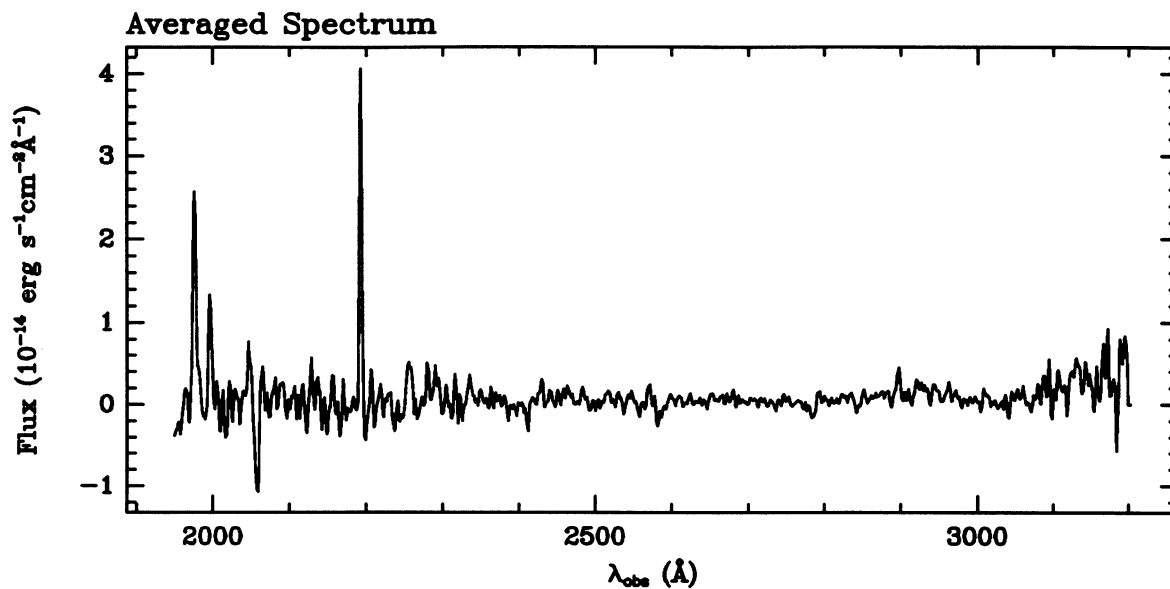
EINSTEIN	• 37	• 38	• 297	• 298
	• 316	• 322	• 639	• 666
	• 1024	• 1028	• 1030	• 1134
	• 1139	• 1140	• 1141	• 1146
	• 1147			
EXOSAT	• 418	• 468	• 525	• 528
	• 773	• 777	• 873	• 874
	• 1380	• 1585	• 2012	

References

- 525
- 621
- 776
- 804
- 826
- 830
- 832

QSO 1246-057

Right Ascension	:	12h 46m 28.92s
Declination	:	- 5° 42' 58.3"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.212
Alternative Names	:	



Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 12051 L	44933.0	24 Nov 81	15900.0				0.05		03

X-Ray Spectra

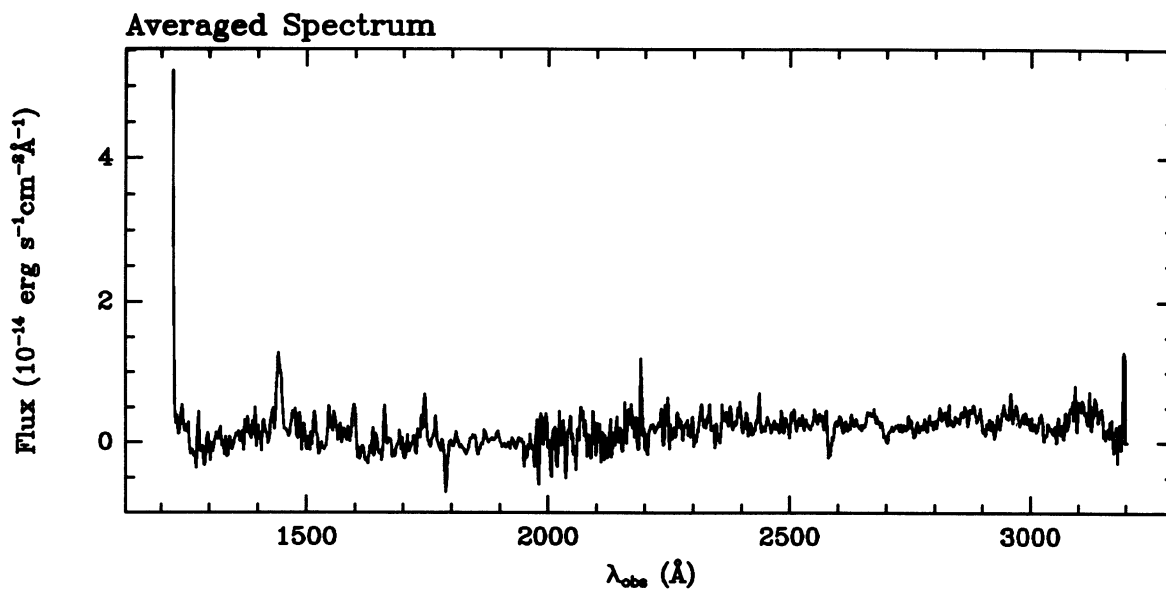
EINSTEIN	• 92	• 307	• 317	• 324
	• 376	• 1029	• 1033	
EXOSAT	• 489	• 543	• 600	• 827
	• 878	• 1663	• 1675	• 1681
	• 1999	• 2031		

References

• 160	• 265	• 296	• 302	• 307	• 505	• 574	• 610
• 673	• 729	• 730	• 733	• 744	• 895		

PG 1247+268

Right Ascension	:	12h 47m 39.00s
Declination	:	26° 47' 28.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.041
Alternative Names	:	QSO 1247+268, LB 19



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP	3553	L	43850.0	7 Dec 78	29340.0			0.15			
2	LWR	3127	L	43851.0	8 Dec 78	36000.0				0.30		

X-Ray Spectra

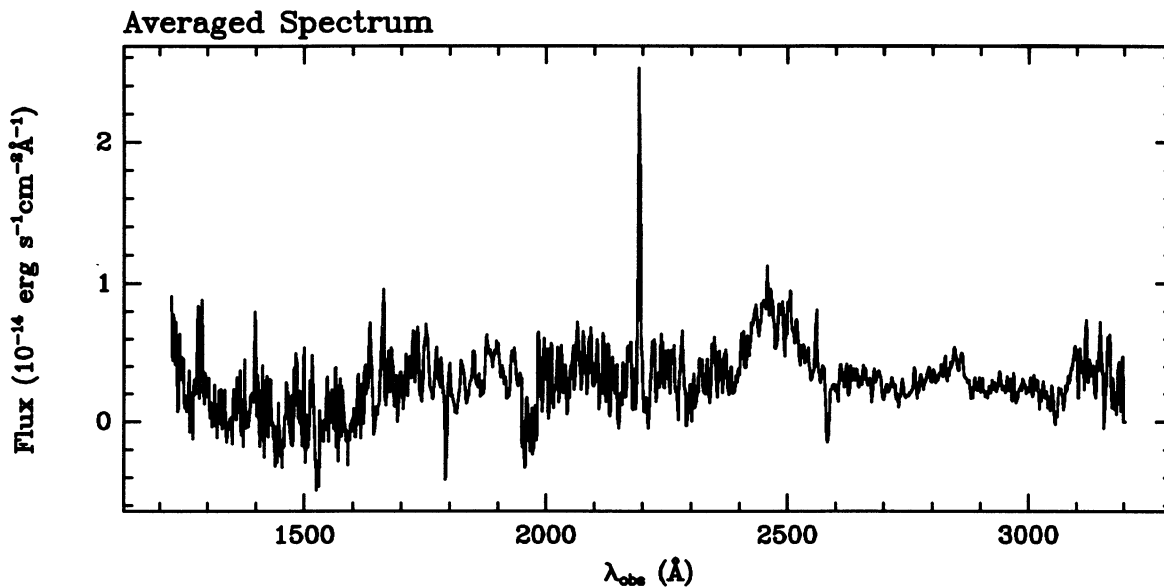
- EINSTEIN • 341
- EXOSAT • 448 • 869 • 1313

References

- 52 • 307 • 621 • 701 • 711 • 719 • 801 • 830
- 832 • 842

PG 1248+401

Right Ascension	:	12h 48m 26.60s
Declination	:	40° 07' 58.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.030
Alternative Names	:	QSO 1248+401

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2537 \AA	3000 \AA	CEB	Flag
1	LWR	11061	L	44800.0	14 Jul 81	21900.0			0.51	0.24	405	D
2	SWP	15535	L	44929.0	20 Nov 81	24660.0					207	

X-Ray Spectra

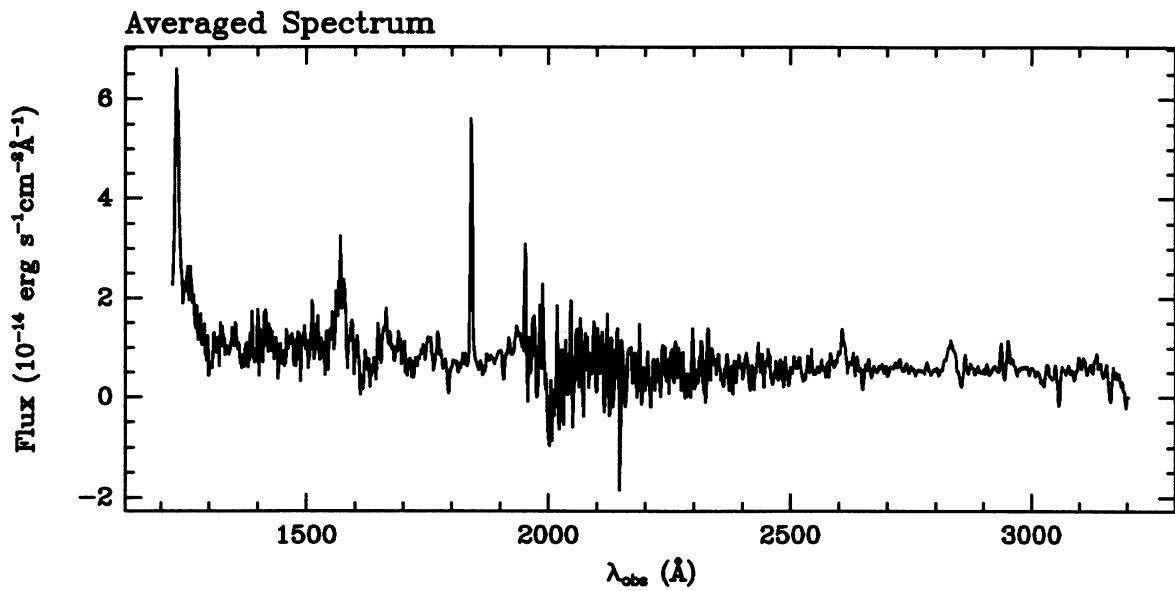
EXOSAT	• 32	• 33	• 301	• 312
	• 325	• 333	• 415	• 703
	• 729	• 826	• 1285	• 1297
	• 1304	• 1309	• 1319	• 1325
	• 1375	• 1525	• 1540	• 1560
	• 1561	• 1580	• 1581	• 1594
	• 1611	• 2071	• 2072	

References

• 312 • 621 • 701 • 729 • 801 • 830 • 832 • 842

AOO IR 1249 -13

Right Ascension	:	12h 49m 35.20s
Declination	:	-13° 08' 36.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.014
Alternative Names	:	IRAS 1249-130 08



Observed Spectra

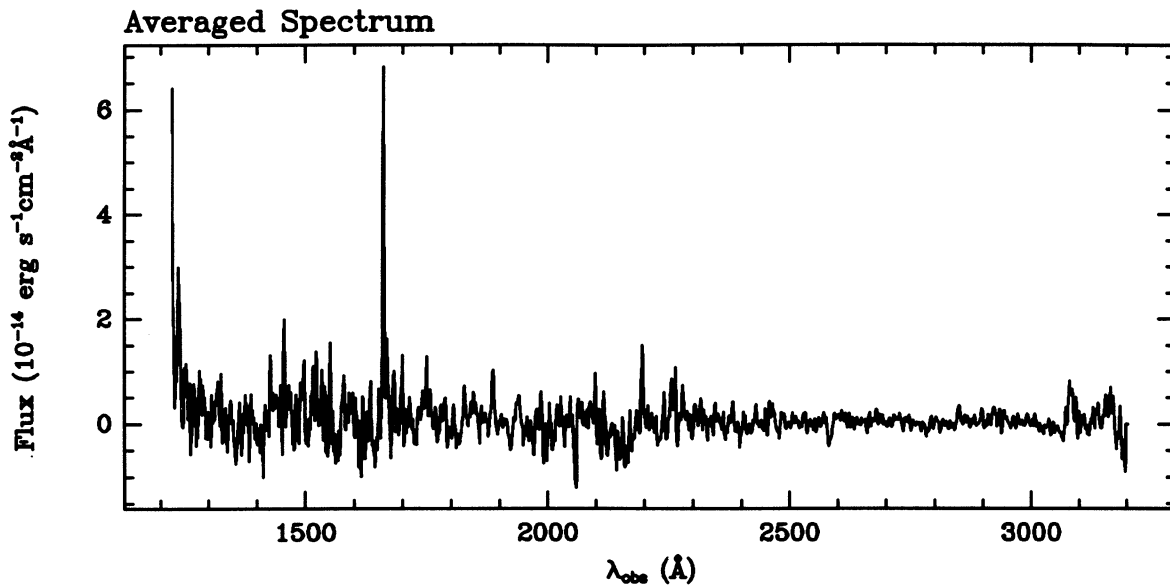
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1267 Å	2230 Å	CEB	Flag
1	LWP 10026 L	46822.0	26 Jan 87	11700.0					244	D
2	SWP 30167 L	46822.0	26 Jan 87	11700.0	7	9.57	1.84	0.51	232	

X-Ray Spectra

EXOSAT • 2000

AOO 3C 277.3

Right Ascension	: 12h 51m 46.00s
Declination	: 27° 53' 49.0"
Object Type	: Radiogalaxy
ULDA Type	: 86
Redshift	: 0.086
Alternative Names	: COMA A, B2 1251+27 B, 4C 27.22
	: NRAO 411, CTD 78

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1357 Å	2389 Å	CEB	Flag
1	LWR 12152 L	44953.0	14 Dec 81	14400.0						03
2	LWR 12152 S	44953.0	14 Dec 81	14400.0						03
3	SWP 15748 L	44953.0	14 Dec 81	8700.0						02
4	SWP 15748 S	44953.0	14 Dec 81	8700.0						02

X-Ray Spectra

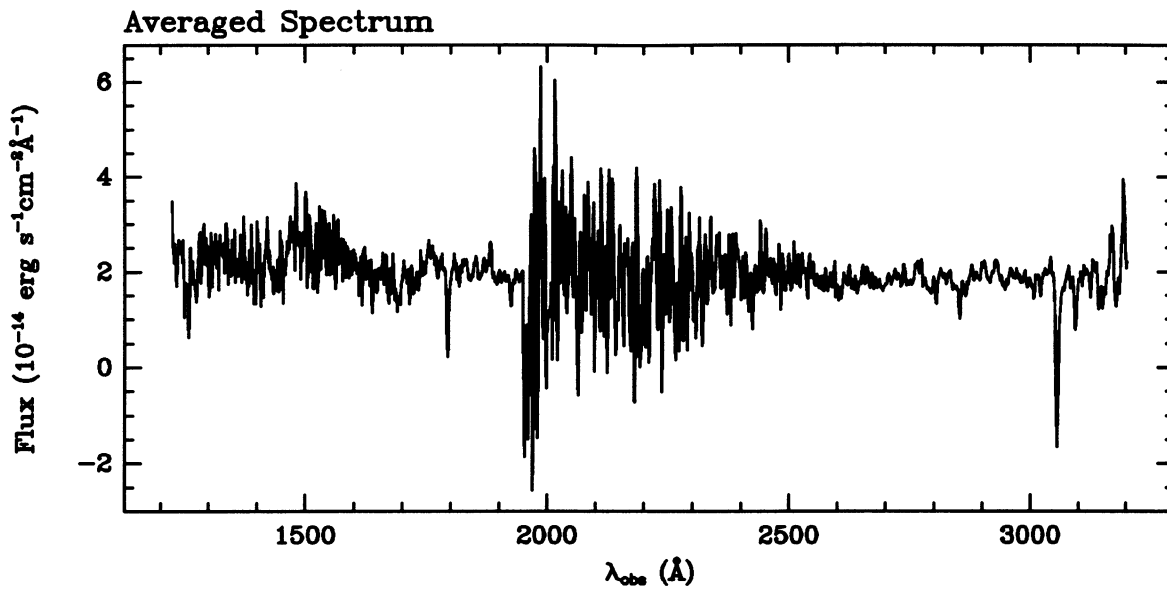
EINSTEIN	• 25	• 27	• 29	• 30
	• 31	• 77	• 78	• 86
	• 342	• 350	• 358	• 597
	• 605	• 1008		
EXOSAT	• 43	• 382	• 439	• 440
	• 1310	• 1311	• 1312	• 1313
	• 1649	• 1650		

References

- 559
- 787
- 794

QSO 1253-055

Right Ascension	: 12h 53m 35.91s
Declination	: - 5° 31' 08.1"
Object Type	: Quasar HP
ULDA Type	: 85
Redshift	: 0.536
Alternative Names	: 3C 279, ON -089, NRAO 413
	: PKS 1253-055, 1E 1253.5-0531



Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1920 Å	3000 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 13566 L	47348.0	5 Jul 88	10800.0	44	69.70	1.45	1.81	x06	
2	LWP 13567 L	47348.0	5 Jul 88	3600.0	45	71.28		1.65	305	
3	LWP 13568 L	47348.0	5 Jul 88	3000.0	56	88.70		1.90	309	
4	SWP 33864 L	47348.0	5 Jul 88	6000.0	42	66.53			304	
5	SWP 33865 L	47348.0	5 Jul 88	10200.0	47	74.45			309	

X-Ray Spectra

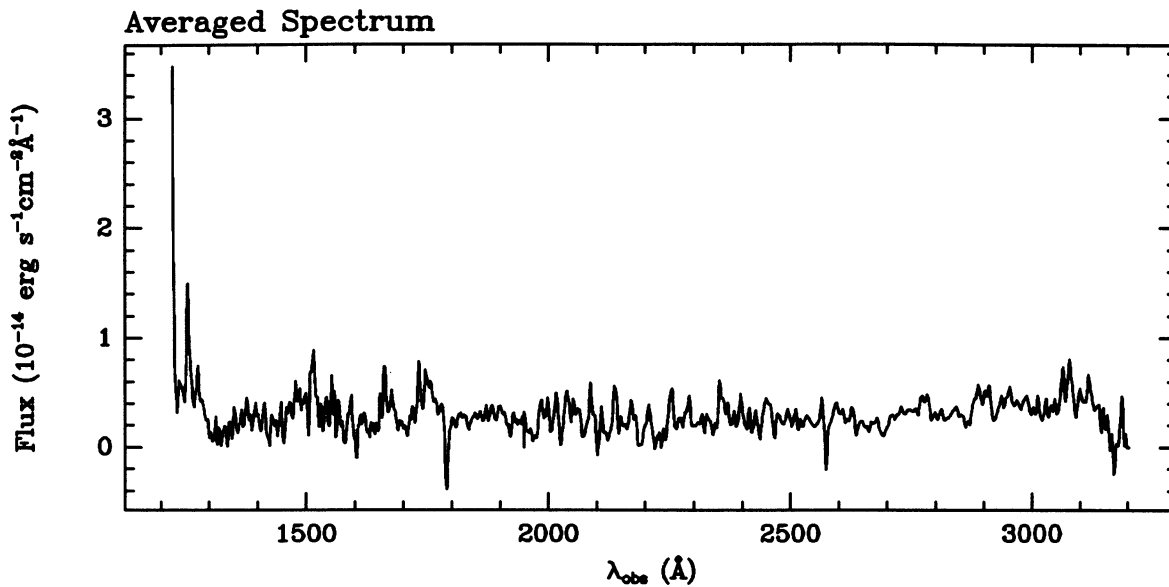
EINSTEIN	• 92	• 307	• 308	• 317
	• 324	• 376	• 974	• 1029
	• 1033			
EXOSAT	• 489	• 543	• 600	• 827
	• 878	• 1663	• 1675	• 1681
	• 1999	• 2031		

References

- 14 • 85 • 156 • 207 • 214 • 295 • 302 • 320
- 504 • 522 • 527 • 541 • 564 • 590 • 636 • 662
- 776 • 804 • 807 • 808 • 823 • 853

MRK 231

Right Ascension	:	12h 54m 05.00s
Declination	:	57° 08' 37.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.041
Alternative Names	:	UGC 8058, MCG+10-19-0004
	:	IRAS 12540+5708, ZW VII 490

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1301 Å	2290 Å	CEB	Flag
1	LWR 3185 L	43859.0	16 Dec 78	22200.0						23
2	SWP 3670 L	43865.0	22 Dec 78	22800.0	60	60.63	0.31	0.20		22
3	LWR 4053 L	43951.0	18 Mar 79	24720.0				0.33		33
4	SWP 8747 L	44343.0	13 Apr 80	24000.0	61	62.05	0.08			3x9
5	SWP 9602 L	44446.0	25 Jul 80	53280.0			0.31			309

X-Ray Spectra

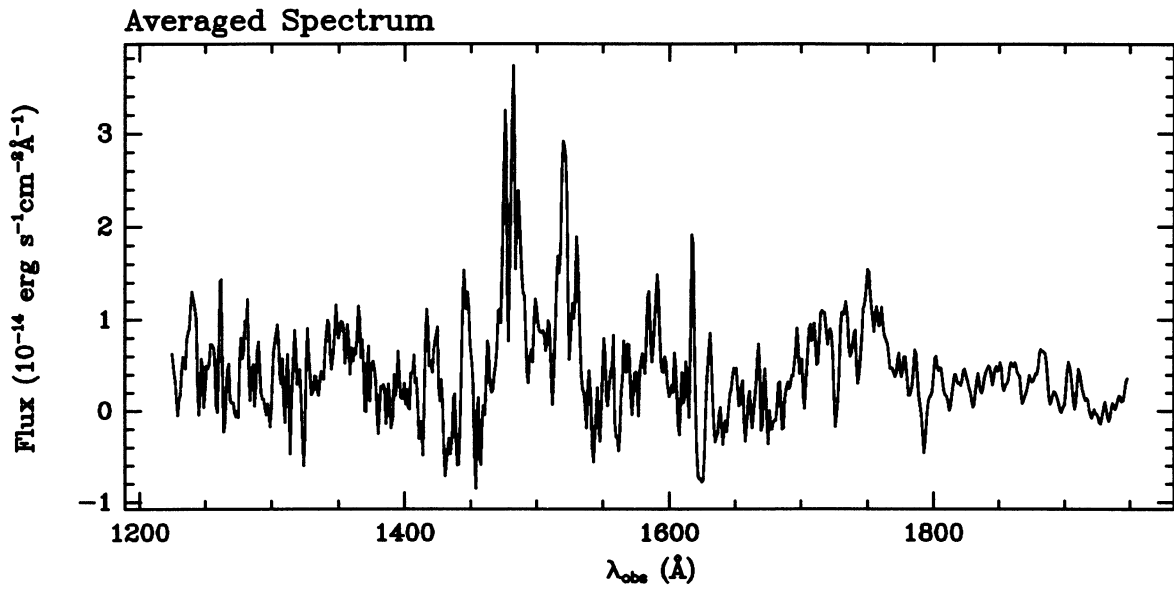
EINSTEIN • 950 • 1168
EXOSAT • 1981

References

• 8 • 37 • 135 • 143 • 179 • 379 • 394 • 488
• 521 • 593 • 663 • 717 • 729 • 732 • 776 • 836

NGC 4826

Right Ascension	: 12h 54m 17.00s
Declination	: 21° 57' 06.0"
Object Type	: Seyfert 1
ULDA Type	: 88
Redshift	: 0.001
Alternative Names	: M 64, UGC 8062, MCG+04-31-0001
	: EQ 1254+22, IRAS 12542+2157



Observed Spectra

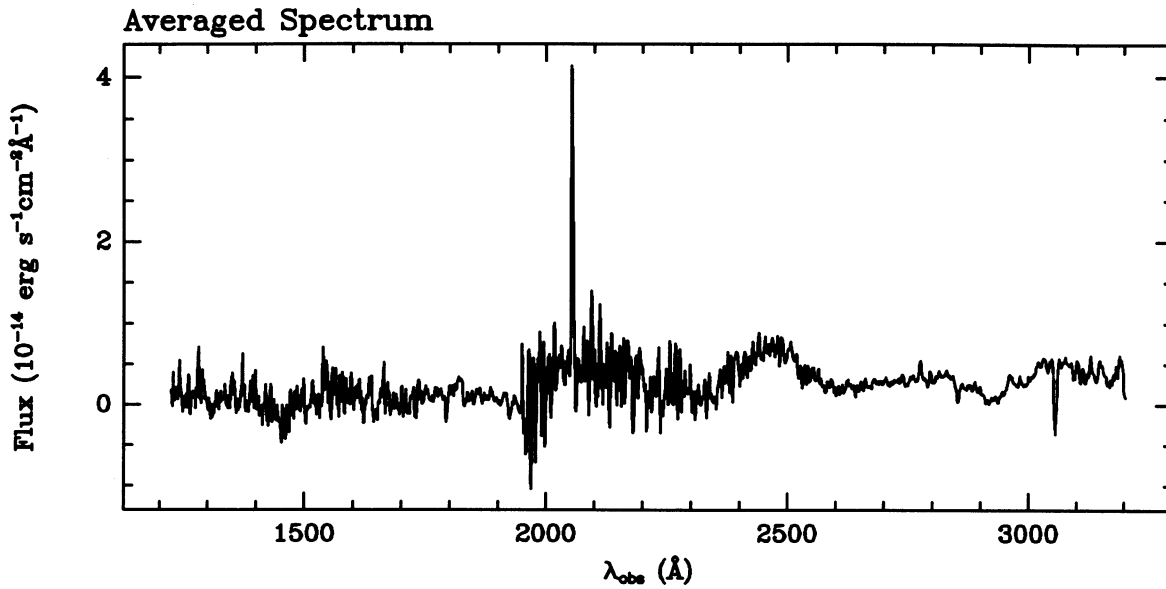
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
1	SWP 25368 L	46131.0	6 Mar 85	6540.0	254	302.97	10 ⁻¹⁴ erg s ⁻¹ cm ⁻² Å ⁻¹		0.45	211

References

- 114 • 194 • 197 • 198 • 236 • 271 • 384 • 581
- 593 • 837

PG 1254+047

Right Ascension	:	12h 54m 27.60s
Declination	:	4° 43' 37.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.024
Alternative Names	:	QSO 1254+047

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2530 Å	3000 Å	CEB	Flag
1	SWP 19321 L	45390.0	24 Feb 83	24900.0						303
2	LWP 5873 L	46187.0	1 May 85	9000.0			0.35	0.40		304
3	LWP 12258 L	47141.0	11 Dec 87	18824.0			0.56	0.28		339 D

X-Ray Spectra

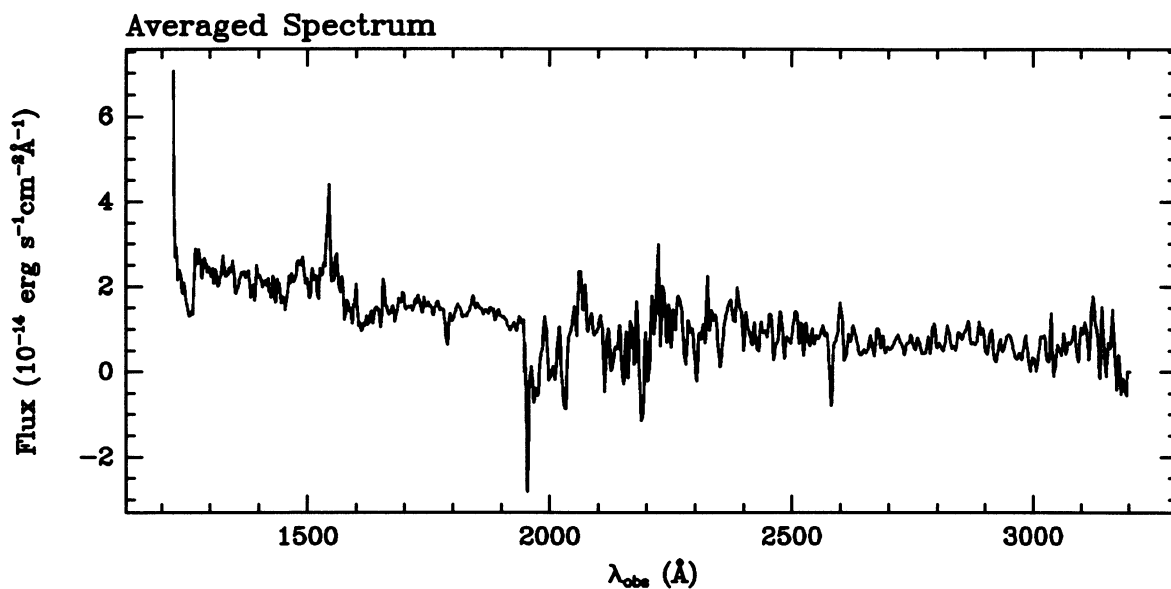
EINSTEIN • 1130

References

• 621 • 741 • 801 • 830 • 832 • 842

MRK 54

Right Ascension	:	12h 54m 32.00s
Declination	:	32° 43' 07.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.044
Alternative Names	:	MCG+06-28-0044, IRAS 12546+3243

**Observed Spectra**

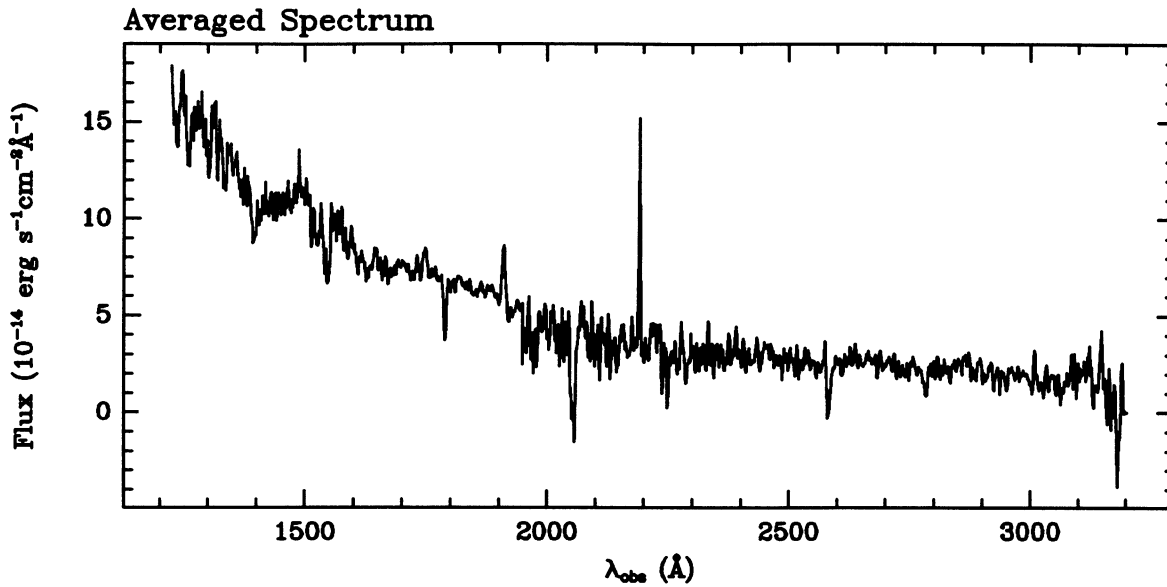
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1305 Å	2296 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	LWR	3018	L	43837.0	24 Nov 78	8760.0						
2	SWP	3472	L	43840.0	27 Nov 78	20400.0			2.55	0.73		
3	SWP	9793	L	44466.0	14 Aug 80	10800.0			2.18			303

References

• 274

NGC 4861

Right Ascension	:	12h 56m 38.20s
Declination	:	35° 06' 50.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	UGC 8098, MCG+06-29-0003, MRK 59
	:	5C12 101, ZW I 49, PG 1256+351



Observed Spectra

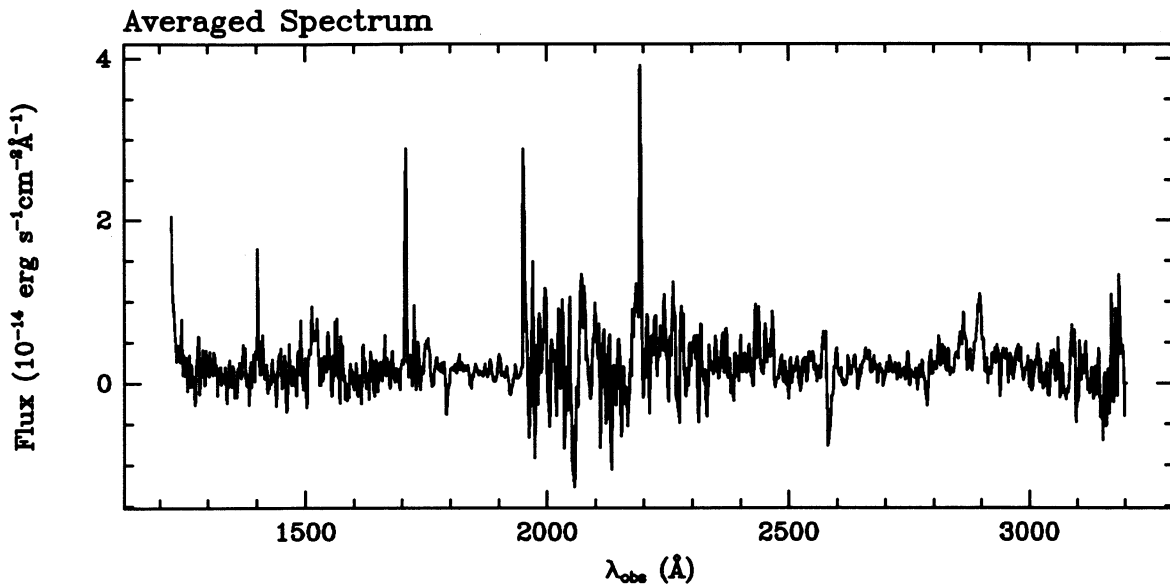
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 \AA	2206 \AA	CEB	Flag
1	LWR 1641 L	43669.0	9 Jun 78	5100.0						
2	SWP 1748 L	43669.0	9 Jun 78	4800.0	49	49.58	13.50	4.47		
3	LWR 3052 L	43841.0	28 Nov 78	3000.0				5.09		
4	SWP 5691 L	44056.0	1 Jul 79	7199.0	58	58.67	15.40		446	
5	SWP 5692 L	44056.0	1 Jul 79	9720.0	44	44.51	16.28		448	
6	LWR 4937 L	44058.0	3 Jul 79	10799.0	71	71.82		3.86	506	

References

- 53 • 167 • 251 • 274 • 311 • 362 • 529 • 559
- 576 • 683 • 844 • 881 • 942

QSO 1257+346

Right Ascension	:	12h 57m 26.68s
Declination	:	34° 39' 31.4"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.375
Alternative Names	:	B 201



Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	12505	L	45005.0	4 Feb 82	12300.0			0.30	0.20	339	
2	SWP	18694	L	45304.0	30 Nov 82	23280.0					307	

X-Ray Spectra

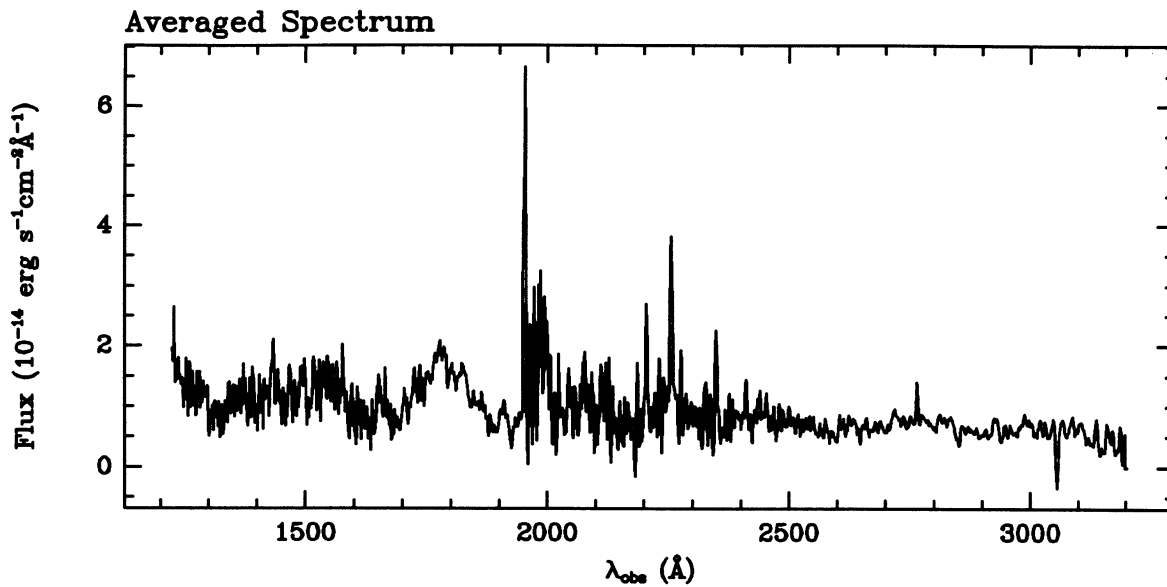
EINSTEIN • 60 • 65 • 609 • 1006

References

• 302 • 590 • 729 • 730

PG 1259+593

Right Ascension	:	12h 59m 08.20s
Declination	:	59° 18' 14.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.472
Alternative Names	:	QSO 1259+593, LB 2522

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1840 Å	3000 Å	CEB	Flag
1	LWP	9540	L	46752.0	17 Nov 86	12900.0						
2	SWP	29714	L	46753.0	18 Nov 86	13800.0			1.26	0.69	406	D

X-Ray Spectra

EINSTEIN	• 227	• 556	• 1162	• 1167
EXOSAT	• 1279	• 2018		

References

• 621 • 801 • 830 • 832 • 842