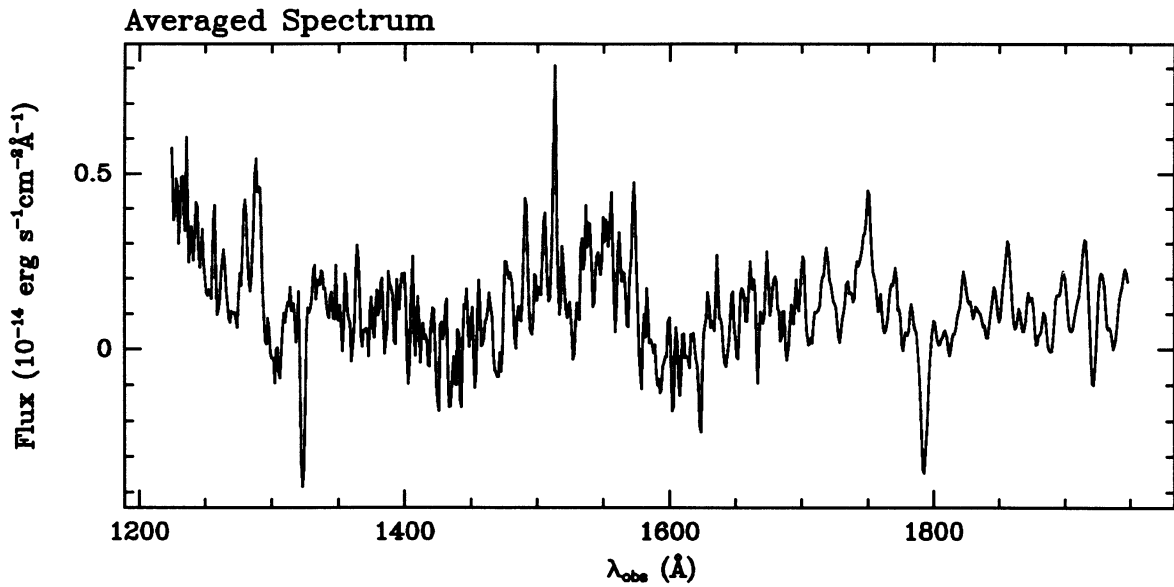


**QSO 1300+361**

Right Ascension	:	13h 00m 42.50s
Declination	:	36° 07' 34.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.060
Alternative Names	:	B 234

**Observed Spectra**

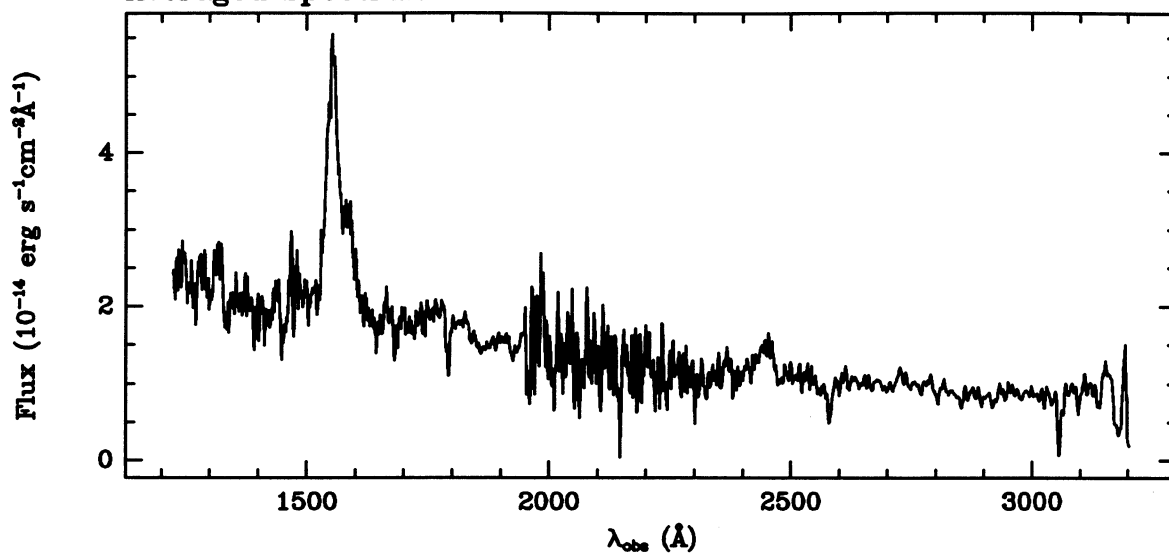
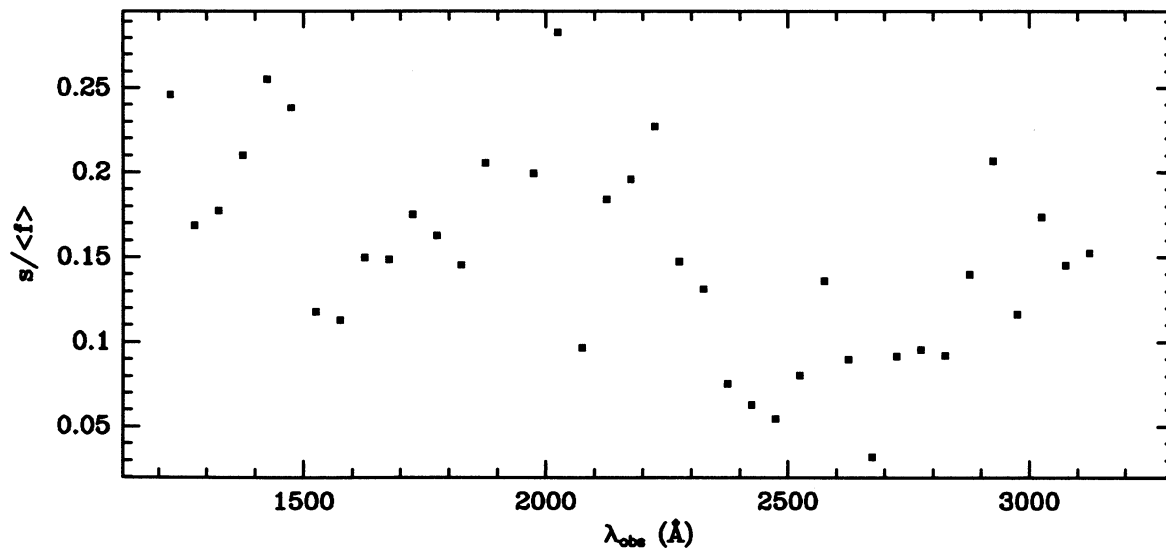
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1325 $\text{\AA}$	2332 $\text{\AA}$	CEB	Flag
1	SWP	24594	L	46036.0	1 Dec 84	51600.0	1199	1409.28	0.03		379	
2	SWP	26343	L	46251.0	4 Jul 85	47700.0			0.10		379	

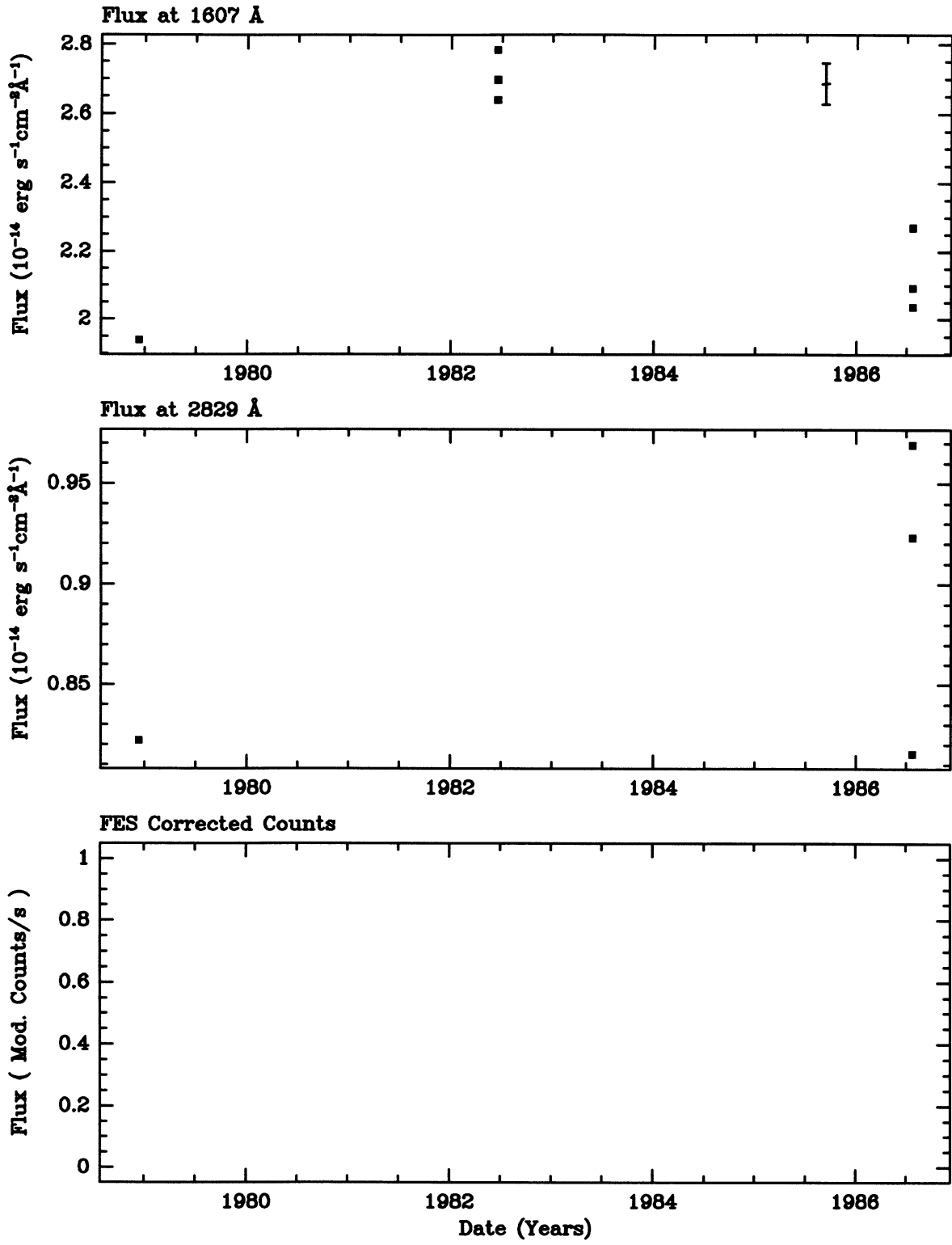
**References**

• 590

**QSO 1302-102**

Right Ascension	: 13h 02m 55.83s
Declination	: -10° 17' 16.7"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.286
Alternative Names	: PKS 1302-102, OP -106

**Averaged Spectrum****Standard Deviation**



## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1607 Å	2829 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	3143	L	43854.0	11 Dec 78	5400.0				0.82		
2	SWP	3569	L	43854.0	11 Dec 78	8700.0			1.94			
3	SWP	17228	L	45136.0	15 Jun 82	15000.0			2.78			342
4	SWP	17229	L	45137.0	16 Jun 82	15000.0			2.70			334
5	SWP	17230	L	45137.0	16 Jun 82	17700.0			2.64			335
6	SWP	28749	L	46637.0	25 Jul 86	15000.0			2.09			342
7	SWP	28750	L	46637.0	25 Jul 86	15000.0			2.27			335
8	LWP	8732	L	46638.0	26 Jul 86	8460.0				0.82		305
9	LWP	8734	L	46638.0	26 Jul 86	15000.0				0.92		505 D
10	LWP	8735	L	46638.0	26 Jul 86	13500.0				0.97		406 D
11	SWP	28751	L	46638.0	26 Jul 86	15000.0			2.04			335

## X-Ray Spectra

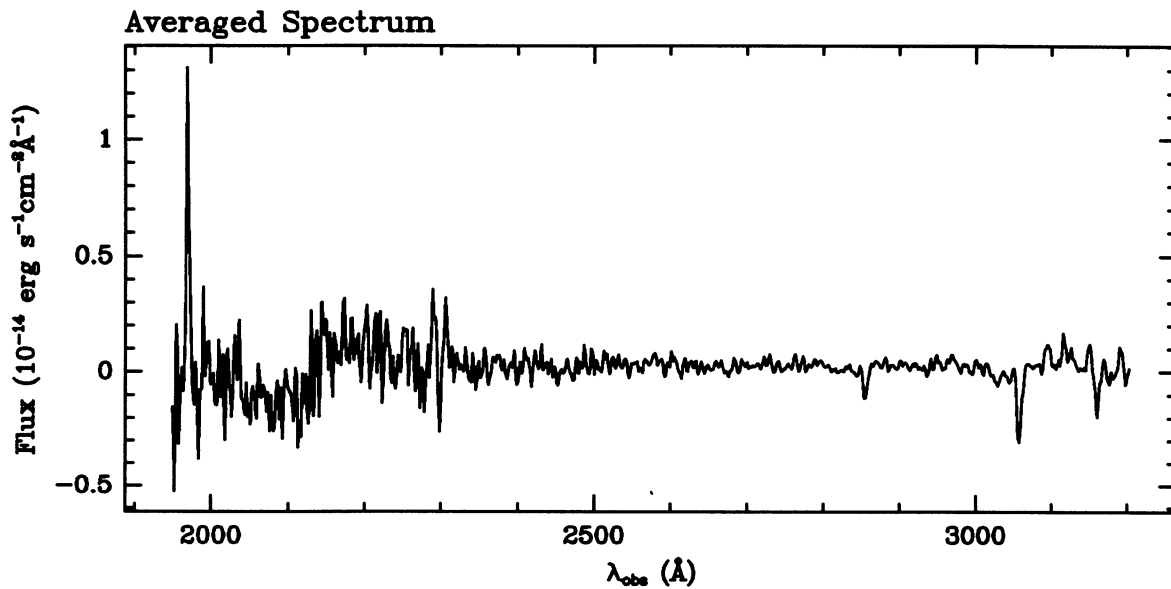
EINSTEIN                    • 315                    • 396                    • 671

## References

• 52            • 302            • 590            • 603            • 729            • 730            • 743            • 801  
• 804            • 845            • 879            • 930

**QSO 1303+308**

Right Ascension	:	13h 03m 32.03s
Declination	:	30° 48' 55.2"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.759
Alternative Names	:	PB 3296, WEIS 22722

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 3287 L	45827.0	6 May 84	51300.0				0.02		309

**X-Ray Spectra**

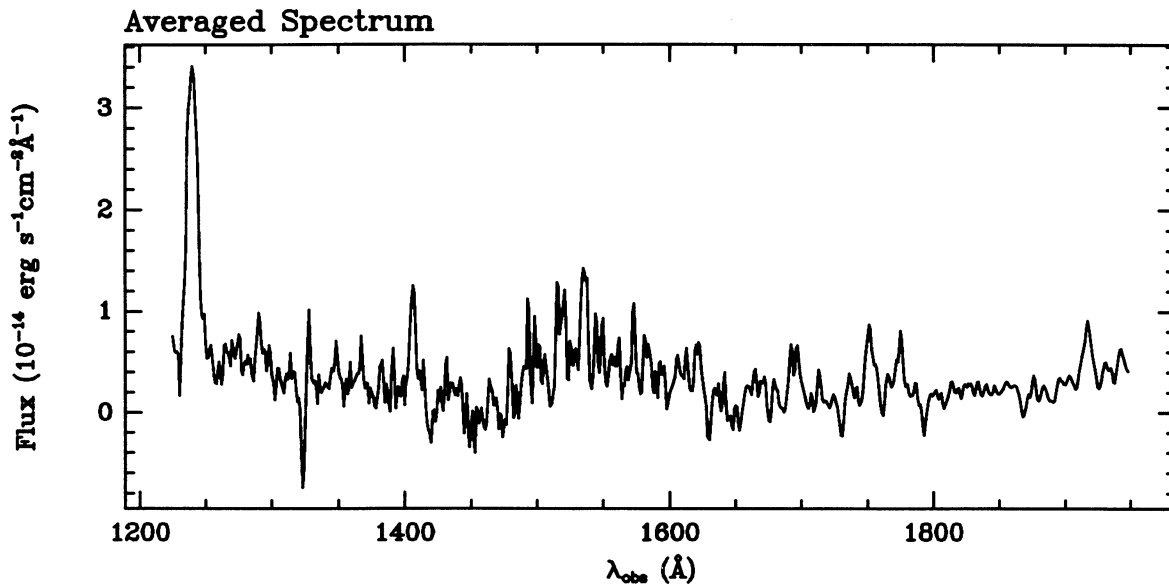
EINSTEIN	• 276	• 360	• 1004	• 1218
EXOSAT	• 423	• 534	• 540	• 546
	• 552	• 1302	• 1331	• 1358
	• 1376	• 1571	• 1572	• 2006

**References**

• 294	• 302	• 307	• 438	• 574	• 604	• 729	• 730
• 733	• 765	• 814	• 939				

**AOO POX 120**

Right Ascension	:	13h 04m 04.00s
Declination	:	-11° 48' 19.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.021
Alternative Names	:	

**Observed Spectra**

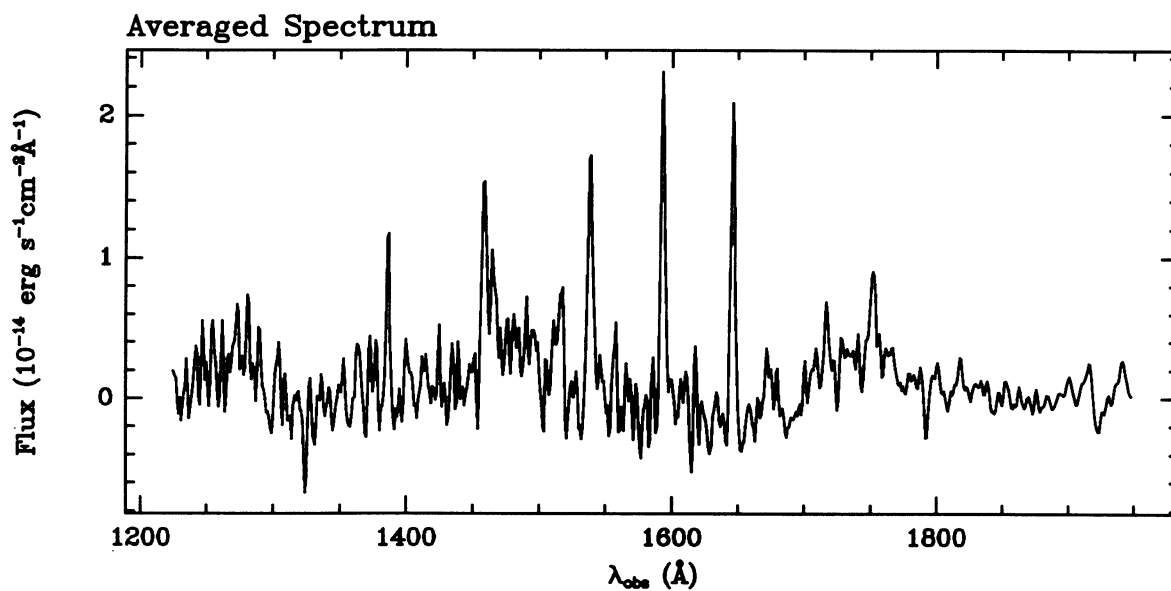
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1276 Å	2246 Å	CEB	Flag
1	SWP 23042 L	45839.0	18 May 84	24600.0			0.55		233	

**References**

- 314
- 682

**AOO POX 124**

Right Ascension	:	13h 04m 44.00s
Declination	:	-12° 55' 00.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.024
Alternative Names	:	

**Observed Spectra**

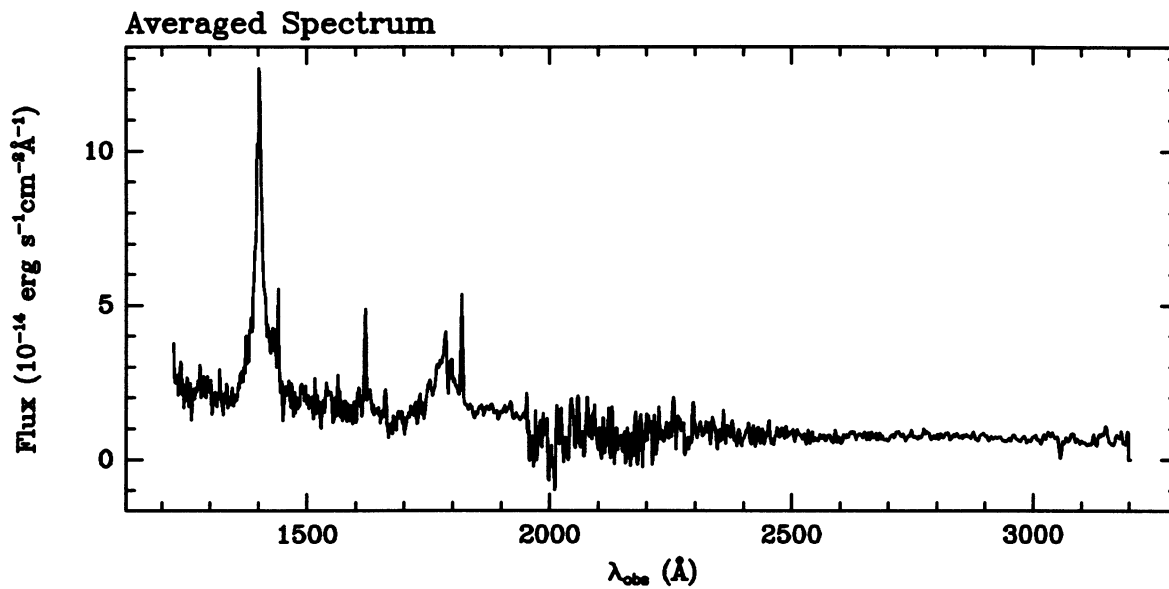
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1280 Å	2252 Å	CEB	Flag
1	SWP 25348 L	46128.0	3 Mar 85	21600.0			0.22	$10^{-14}$ erg $s^{-1}$ cm $^{-2}$ Å $^{-1}$	313	

**References**

- 682

**PG 1307+085**

Right Ascension	:	13h 07m 16.20s
Declination	:	8° 35' 47.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.155
Alternative Names	:	QSO 1307+086

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1443 Å	2541 Å	CEB	Flag
1	SWP	8915	L	44364.0	4 May 80	10800.0			3.05		353	
2	LWP	2826	L	45752.0	21 Feb 84	10800.0				0.72	304	D

**X-Ray Spectra**

EINSTEIN	• 992	• 994	• 1234
EXOSAT	• 1334	• 1378	

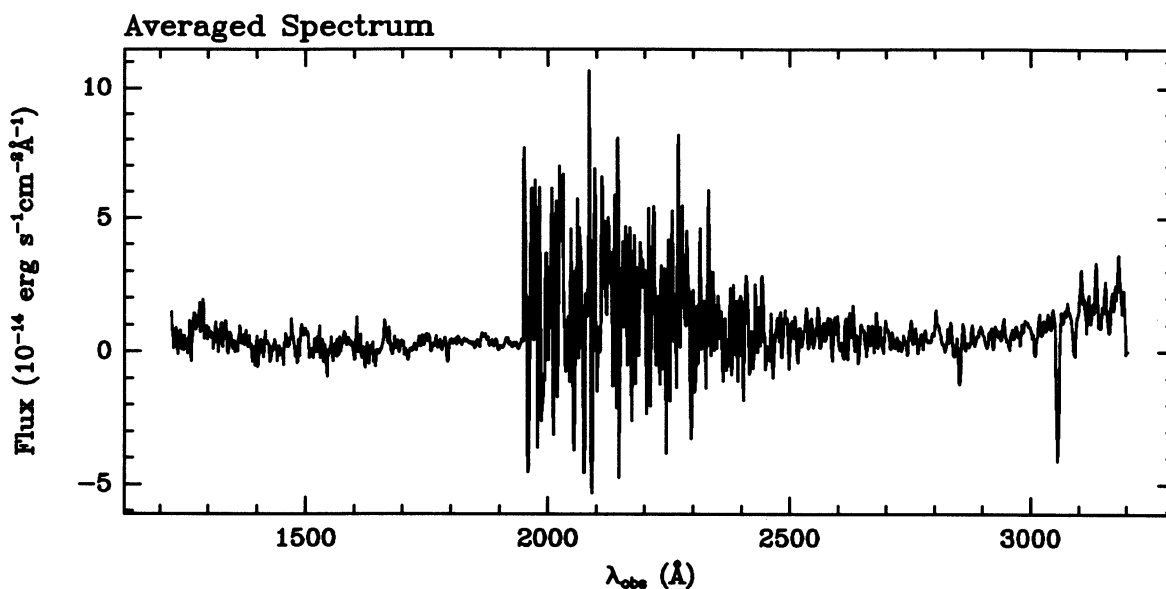
**References**

• 514	• 525	• 621	• 634	• 739	• 776	• 804	• 823
• 829	• 830	• 832	• 842				



### QSO 1308+326

Right Ascension	:	13h 08m 07.64s
Declination	:	32° 36' 40.3"
Object Type	:	BL Lac HP
ULDA Type	:	85,87
Redshift	:	0.996
Alternative Names	:	B2 1308+32.6, OP 313



### Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2495 Å	3000 Å	CEB	Flag
							10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>			
1	LWR 9471 L	44584.0	10 Dec 80	23100.0			0.17	0.17	305	
2	SWP 19732 L	45440.0	15 Apr 83	9000.0					203	
3	LWP 2859 L	45759.0	28 Feb 84	9000.0			0.24	0.22	305	D
4	LWP 5289 L	46100.0	3 Feb 85	4200.0			0.15	0.59	09	D
5	LWP 5290 L	46101.0	4 Feb 85	2400.0			2.31	2.00		D

### X-Ray Spectra

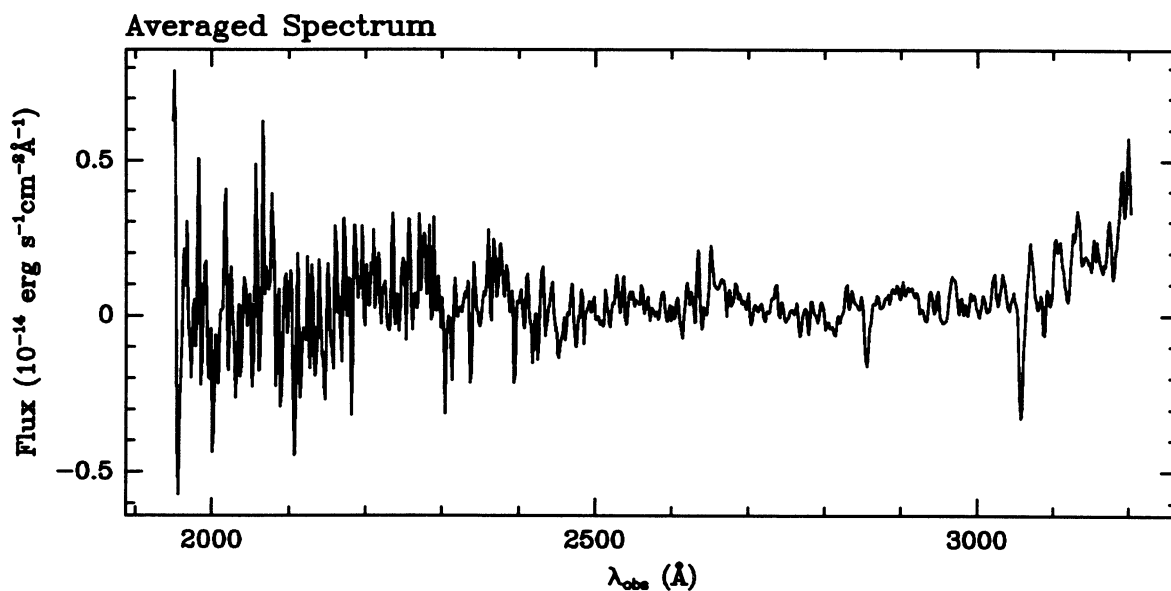
<b>EINSTEIN</b>	• 64	• 346	• 361	• 602
	• 1000			
<b>EXOSAT</b>	• 437	• 611	• 627	• 630
	• 633	• 862	• 1385	• 1547
	• 1575	• 1608	• 1639	

**References**

- 69
- 238
- 265
- 279
- 302
- 522
- 564
- 807
- 842

### QSO 1309-056

Right Ascension	:	13h 09m 00.74s
Declination	:	- 5° 36' 43.4"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.185
Alternative Names	:	



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
	LWP	2537	L	MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP	2537	L	45702.0	2 Jan 84	52440.0				0.04		309

### X-Ray Spectra

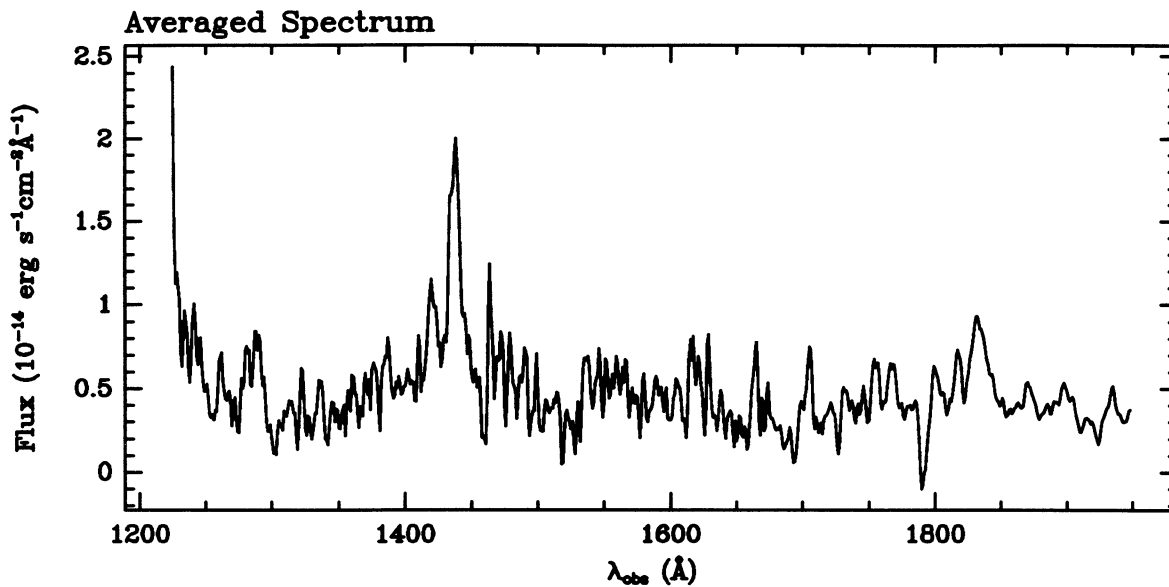
<b>EINSTEIN</b>	• 92	• 307	• 317	• 324
	• 376	• 1029	• 1033	
<b>EXOSAT</b>	• 489	• 543	• 600	• 827
	• 878	• 1663	• 1675	• 1681
	• 1999	• 2031		

### References

• 160	• 294	• 296	• 302	• 307	• 438	• 505	• 542
• 610	• 729	• 730	• 733	• 814	• 895		

**PG 1309+355**

Right Ascension	:	13h 09m 58.50s
Declination	:	35° 31' 15.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.184
Alternative Names	:	QSO 1309+355

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1480 Å	2604 Å	CEB	Flag
1	SWP	8881	L	44361.0	1 May 80	25200.0			1.14		337	
2	SWP	34851	L	47495.0	29 Nov 88	11700.0					54	

**X-Ray Spectra**

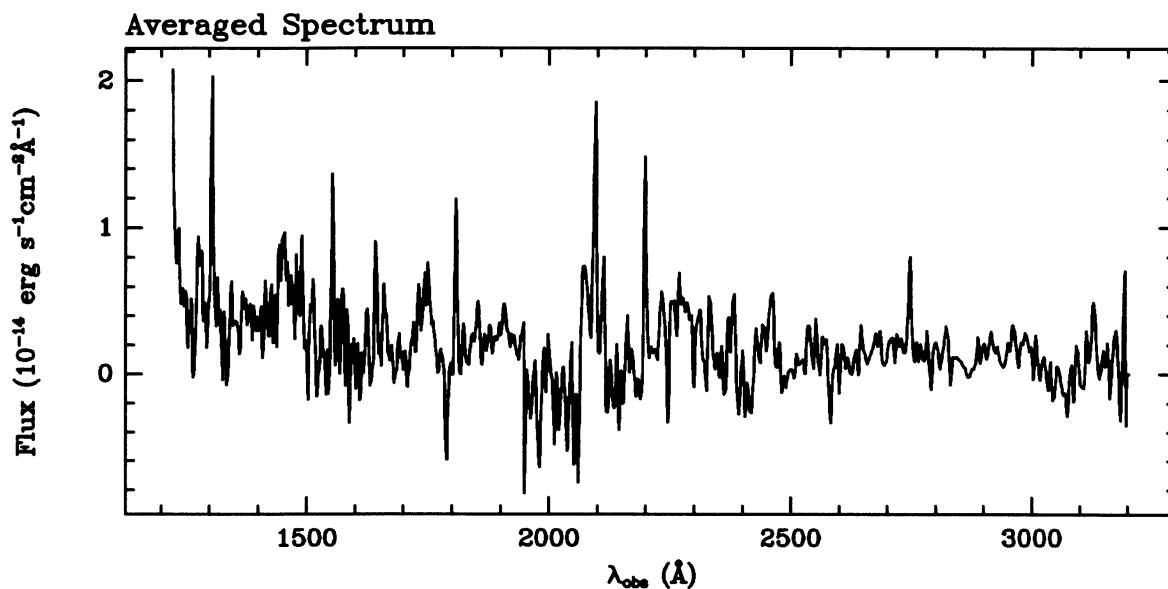
EINSTEIN	• 60	• 999	• 1003	• 1005
	• 1223	• 1224	• 1225	
EXOSAT	• 1647			

**References**

• 621      • 801      • 832

**MRK 450**

Right Ascension	:	13h 12m 29.40s
Declination	:	35° 08' 34.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	UGC 8323, MCG+06-29-0065

**Observed Spectra**

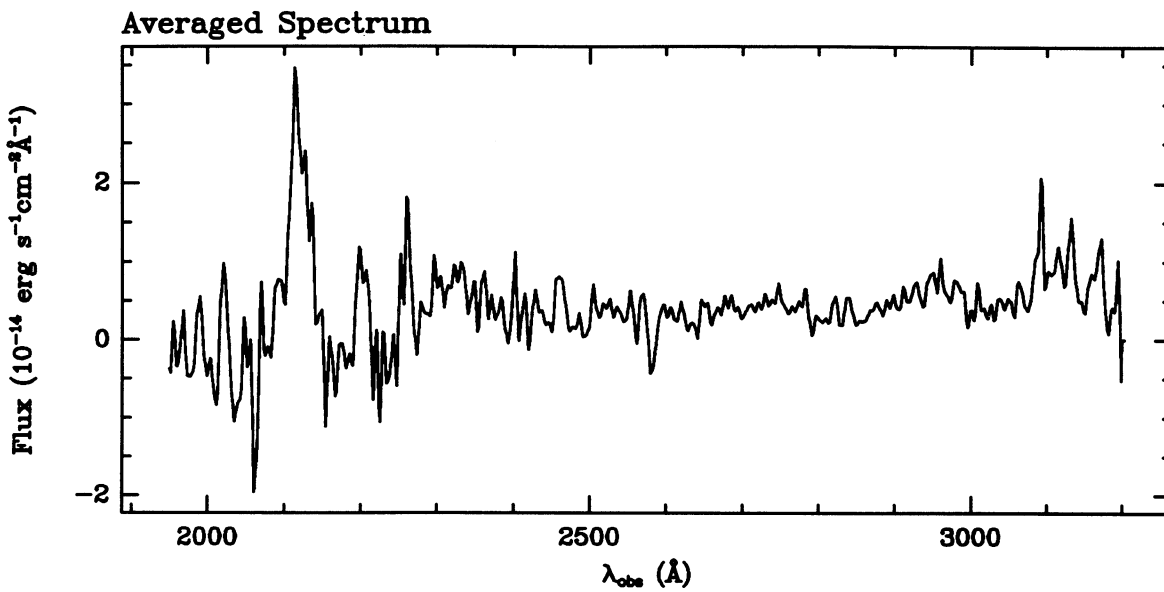
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	LWR	8155	L	44422.0	1 Jul 80	12000.0						02
2	SWP	9410	L	44422.0	1 Jul 80	12000.0			0.53	0.26		?x3

**References**

• 70

## NGC 5055

Right Ascension	:	13h 13m 29.00s
Declination	:	42° 16' 58.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	M 63, UGC 8334, MCG+07-27-0054
	:	IRAS 13135+4217, EQ 1313+422



## Observed Spectra

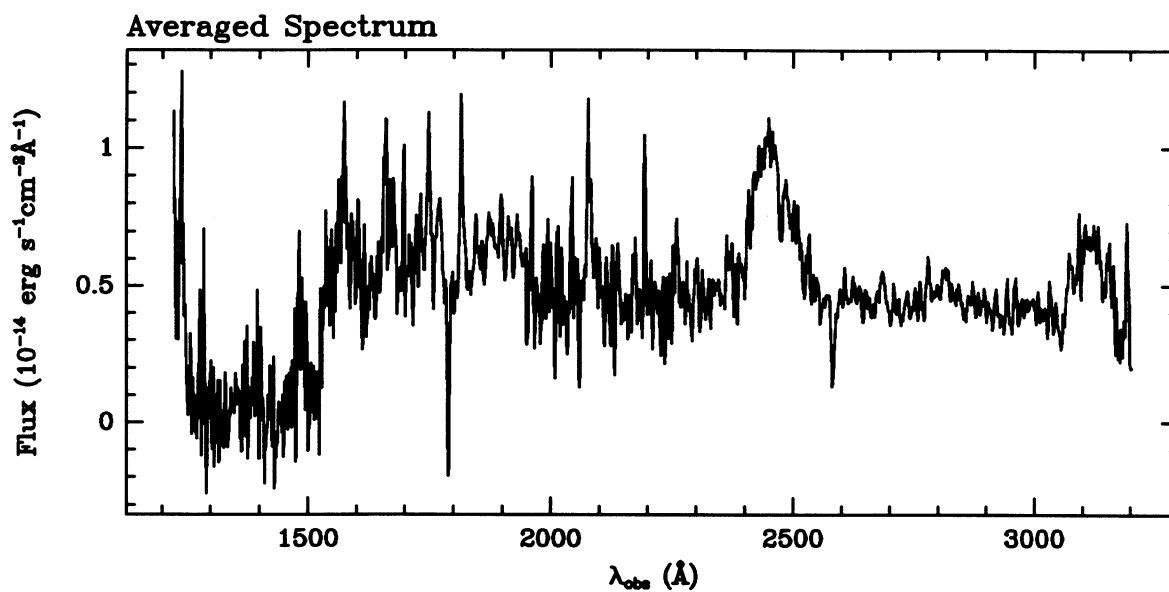
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag
1	LWR 8399 L	44452.0	31 Jul 80	11460.0	176	179.65	0.13			306

## References

- 114      • 167      • 271      • 316      • 792      • 836      • 837      • 854
- 897

### QSO 1317+277

Right Ascension	: 13h 17m 34.24s
Declination	: 27° 43' 52.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.022
Alternative Names	: TON 153, PG 1317+277



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	2527 Å	3000 Å	CEB	Flag	
						cts/s		10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>			
1	SWP 7981 L	44288.0	18 Feb 80	23820.0						304	
2	LWR 7121 L	44307.0	8 Mar 80	52560.0			0.54	0.42	xx9		
3	LWR 7734 L	44372.0	12 May 80	25500.0			0.59	0.35	556		
4	SWP 9107 L	44385.0	25 May 80	24360.0					305		
5	LWP 1374 L	44927.0	18 Nov 81	21480.0			0.61	0.47	445		

### X-Ray Spectra

EINSTEIN	• 25	• 29	• 30	• 77
	• 78	• 86	• 342	• 358
	• 605			
EXOSAT	• 43	• 382	• 439	• 440
	• 1310	• 1311	• 1312	• 1313
	• 1649	• 1650		

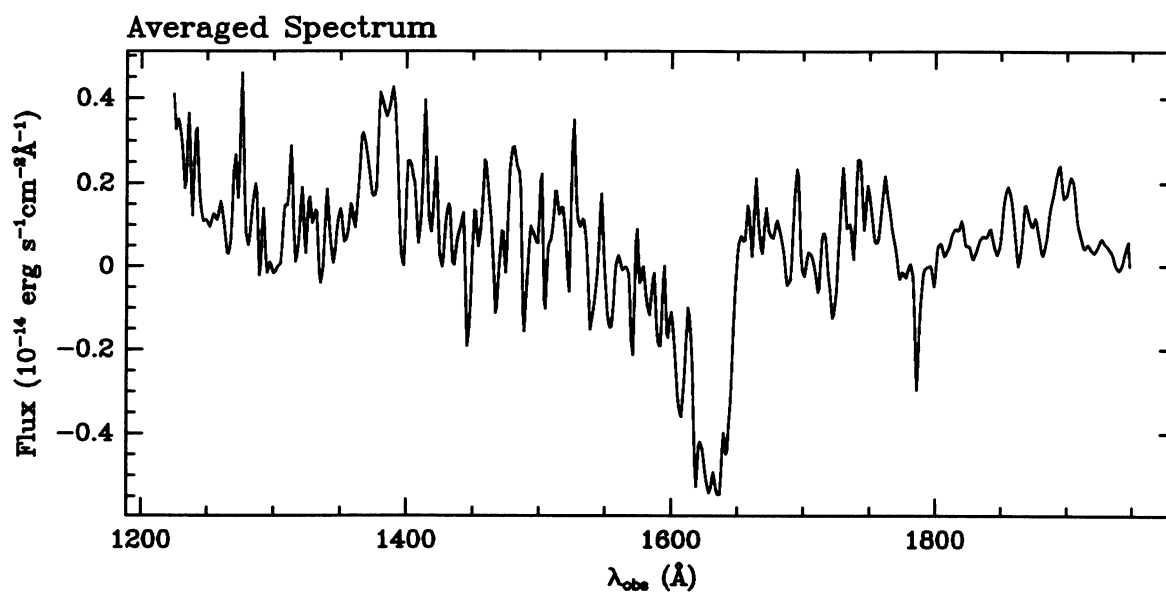
**References**

- 302
- 701
- 729
- 730
- 830
- 842
- 930



### AOO POX 166

Right Ascension	: 13h 18m 31.00s
Declination	: -11° 23' 50.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 2.308
Alternative Names	:



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 10831 L	44592.0	18 Dec 80	25860.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.09		104

### X-Ray Spectra

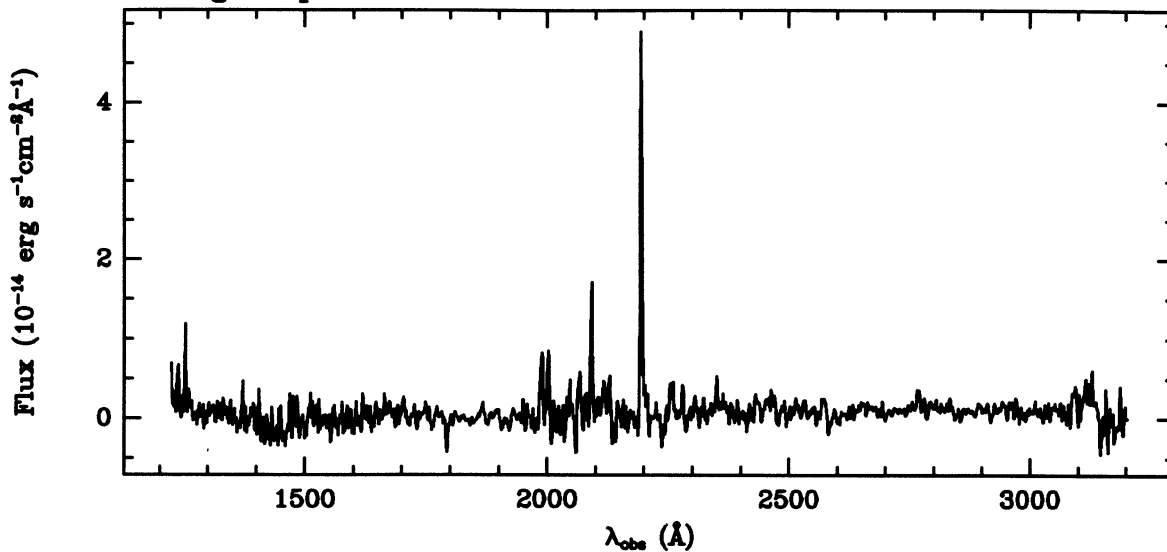
EINSTEIN           • 674                   • 675                   • 1031  
 EXOSAT            • 1367

### References

• 766

**QSO 1318+290A**

Right Ascension	:	13h 18m 53.65s
Declination	:	29° 03' 30.3"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.703
Alternative Names	:	TON 155, PB 3520
	:	PG 1318+290, US 611

**Averaged Spectrum****Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 14812 L	45313.0	9 Dec 82	14400.0			0.00	0.08	303	
2	SWP 27693 L	46472.0	10 Feb 86	49200.0					09	

**X-Ray Spectra**

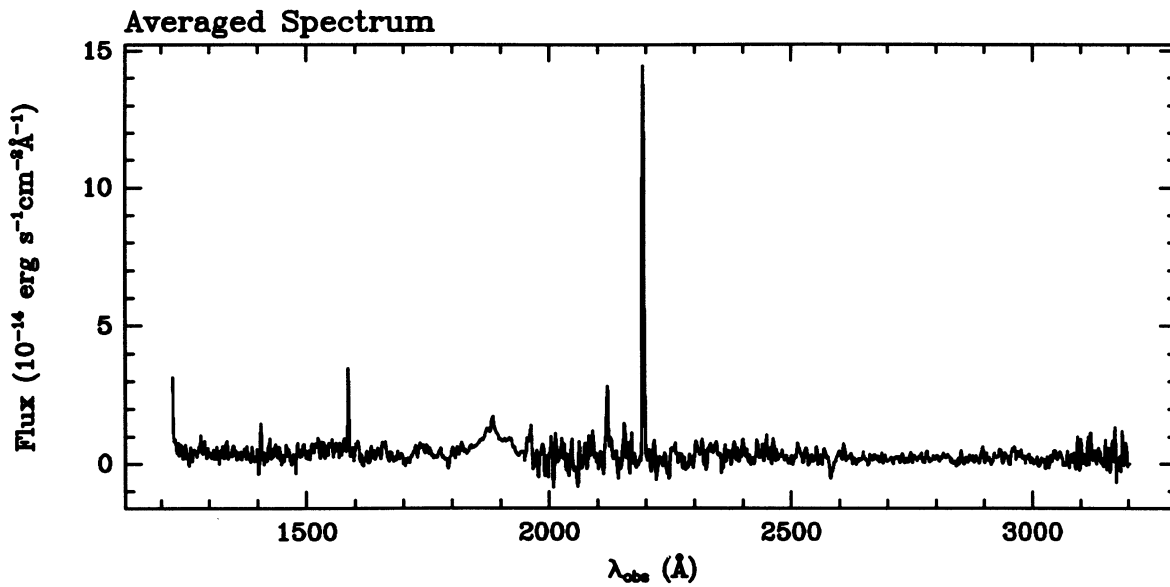
<b>EINSTEIN</b>	• 39	• 40	• 61	• 66
	• 68	• 69	• 70	• 87
	• 333	• 354	• 359	• 377
	• 594	• 606	• 1007	• 1219
	• 1220			
<b>EXOSAT</b>	• 15	• 455	• 487	• 1359
	• 1360	• 1361	• 1362	

**References**

- 302
- 423
- 598
- 677
- 701
- 729
- 730
- 842

**QSO 1318+290B**

Right Ascension	:	13h 18m 54.78s
Declination	:	29° 03' 00.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.549
Alternative Names	:	TON 156, PB 3521

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1936 Å	3000 Å	CEB	Flag
1	LWR 10805 L	44763.0	7 Jun 81	6300.0			0.50	0.15	302	
2	SWP 16836 L	45086.0	26 Apr 82	14100.0					332	

**X-Ray Spectra**

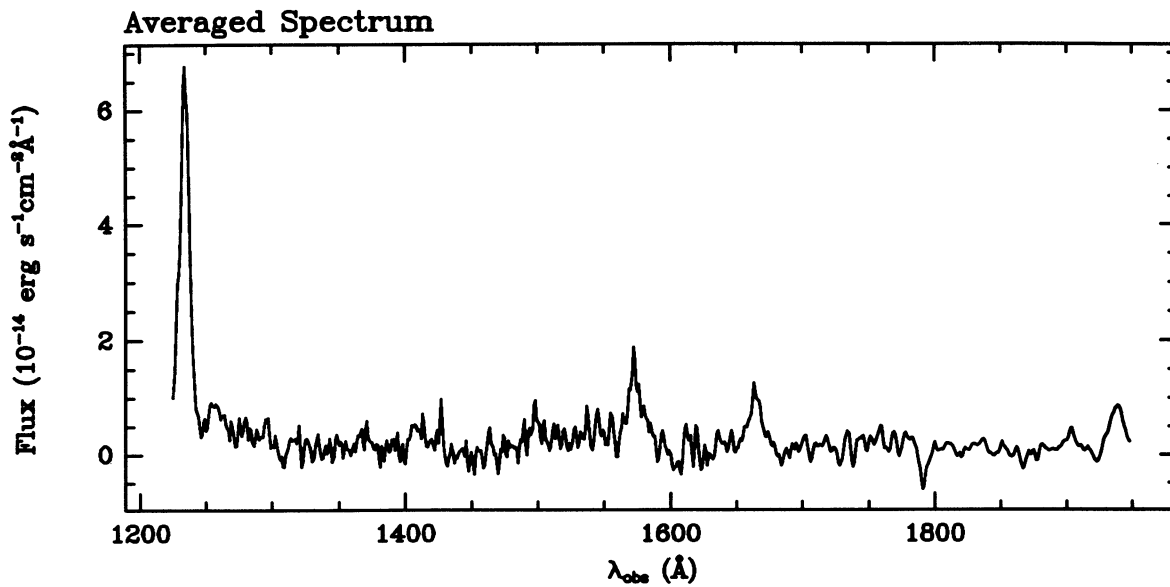
<b>EINSTEIN</b>	• 39	• 40	• 61	• 66
	• 68	• 69	• 70	• 87
	• 333	• 354	• 359	• 377
	• 594	• 606	• 1007	• 1219
	• 1220			
<b>EXOSAT</b>	• 15	• 455	• 487	• 1359
	• 1360	• 1361	• 1362	

**References**

- 295
- 302
- 354
- 677
- 729
- 730
- 745
- 842

**QSO 1319-164**

Right Ascension	:	13h 19m 42.30s
Declination	:	-16° 27' 53.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.017
Alternative Names	:	IRAS 1319-164

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
1	SWP 29993 L	46795.0	30 Dec 86	22500.0	44	59.76	0.52			348

**X-Ray Spectra**

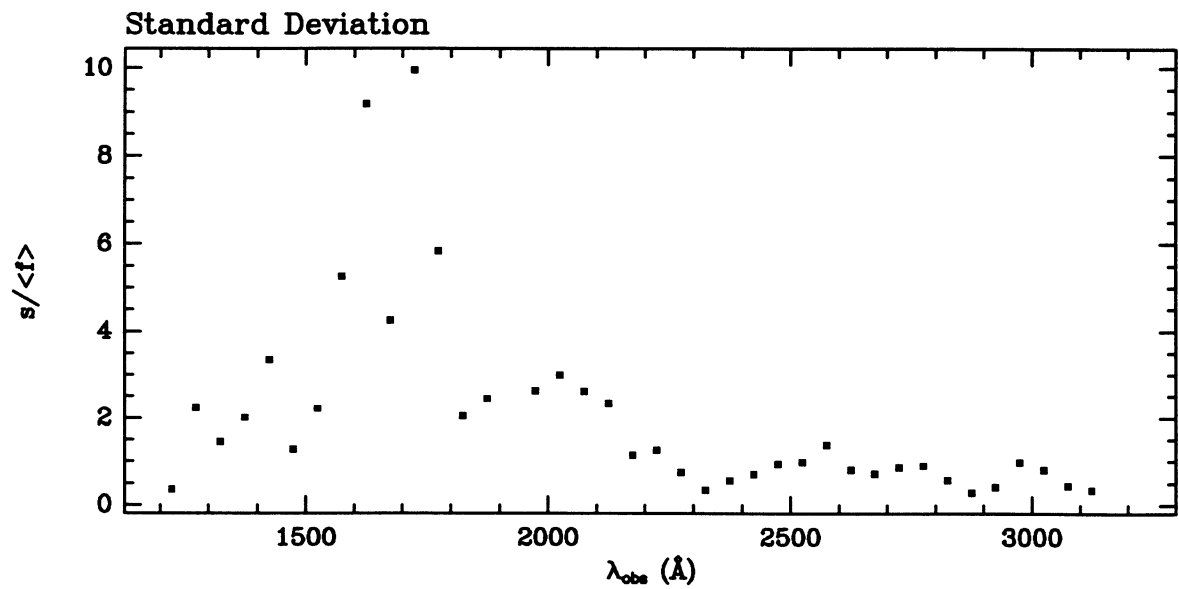
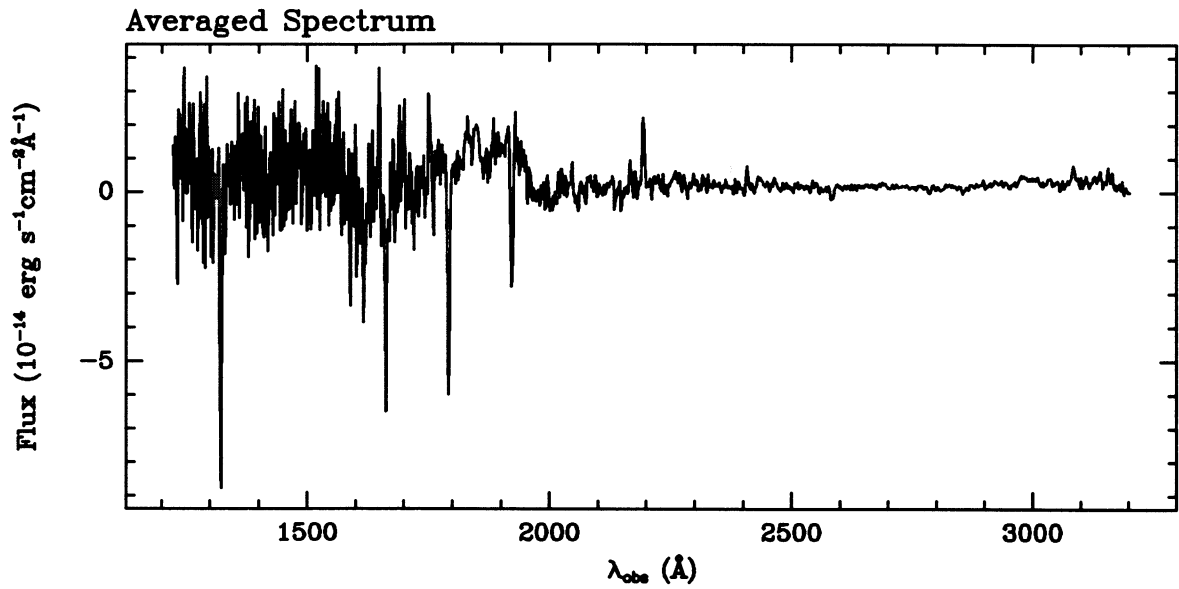
EINSTEIN • 667

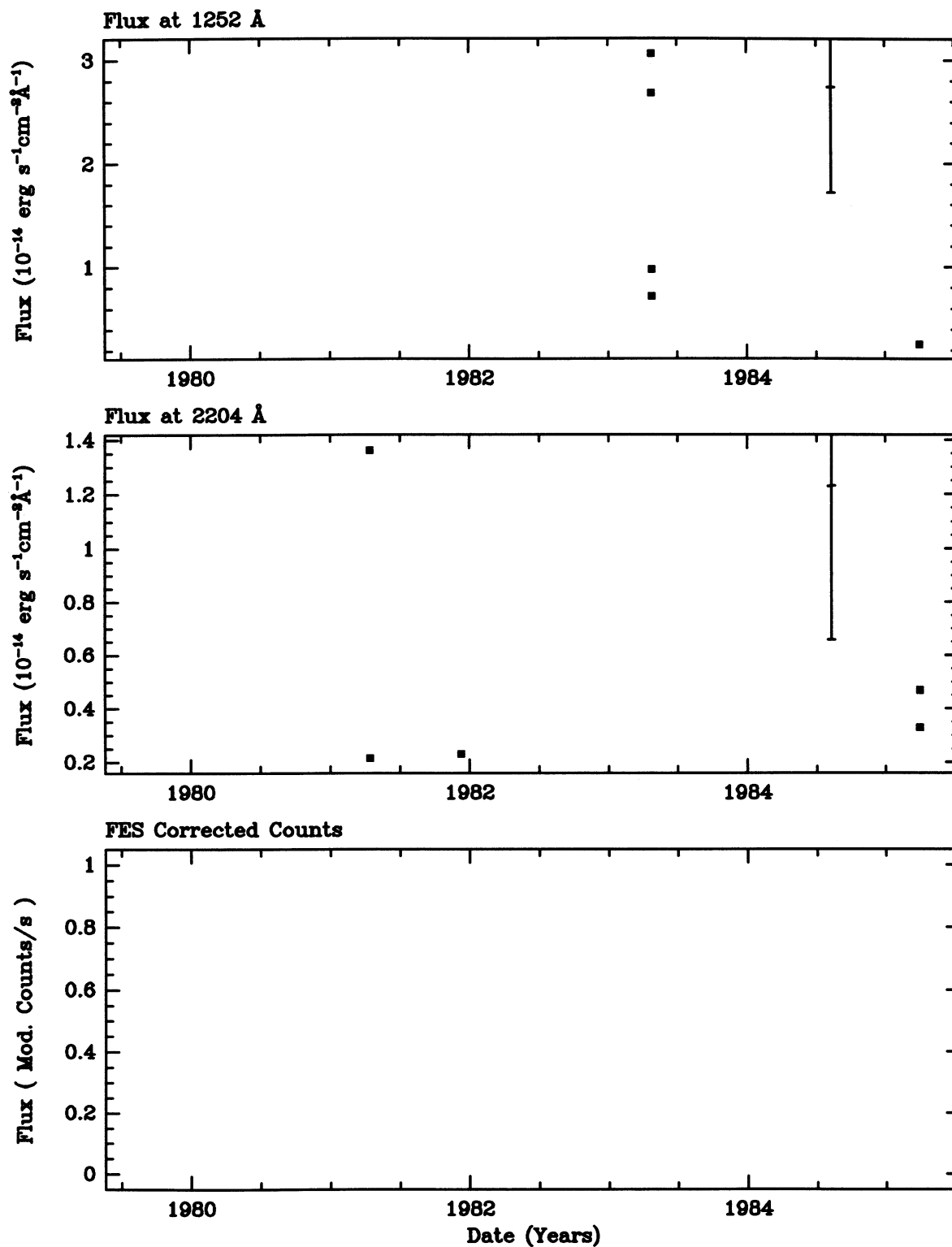
**References**

• 717 • 821

**NGC 5128**

Right Ascension	: 13h 22m 33.00s
Declination	: -42° 45' 24.0"
Object Type	: Radiogalaxy
ULDA Type	: 86
Redshift	: 0.002
Alternative Names	: MCG-07-28-0001, ESO 270- 9, CEN A, PKS 1322-427
	: IRAS 13225-4245, QSO 1322-428, 4U 1322-42, 2A 1322-427







**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag	
					cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$				
1	SWP 6328	L	44116.0	30 Aug 79	3600.0					40	
2	LWR 10356	L	44710.0	15 Apr 81	7200.0			1.36		02	
3	LWR 10357	L	44710.0	15 Apr 81	10800.0			0.22		04	
4	LWR 12115	L	44949.0	10 Dec 81	24300.0			0.23		04	D
5	LWR 12115	S	44949.0	10 Dec 81	24300.0					04	
6	LWR 15820	L	45451.0	26 Apr 83	17760.0					306	SKY
7	SWP 19821	L	45451.0	26 Apr 83	15900.0	0.19				2x6	
8	SWP 19822	L	45451.0	26 Apr 83	900.0	0.14				233	
9	SWP 19823	L	45451.0	26 Apr 83	1800.0	3.06				09	
10	SWP 19824	L	45451.0	26 Apr 83	1800.0					09	
11	SWP 19825	L	45451.0	26 Apr 83	2700.0	2.68				09	
12	SWP 19826	L	45451.0	26 Apr 83	2700.0	0.72				09	
13	SWP 19827	L	45451.0	26 Apr 83	1800.0	0.98				09	
14	SWP 19828	L	45451.0	26 Apr 83	8100.0					04	
15	LWP 5628	L	46157.0	1 Apr 85	5520.0			0.33		03	D
16	LWP 5628	S	46157.0	1 Apr 85	5520.0					03	D
17	SWP 25558	L	46157.0	1 Apr 85	23700.0					06	SKY
18	SWP 25558	S	46157.0	1 Apr 85	23700.0					06	SKY
19	LWP 5639	L	46158.0	2 Apr 85	22200.0			0.47		309	D
20	LWP 5639	S	46158.0	2 Apr 85	22200.0					309	D
21	SWP 25561	L	46158.0	2 Apr 85	24300.0					07	SKY
22	SWP 25561	S	46158.0	2 Apr 85	24300.0					07	D SKY

**X-Ray Spectra**

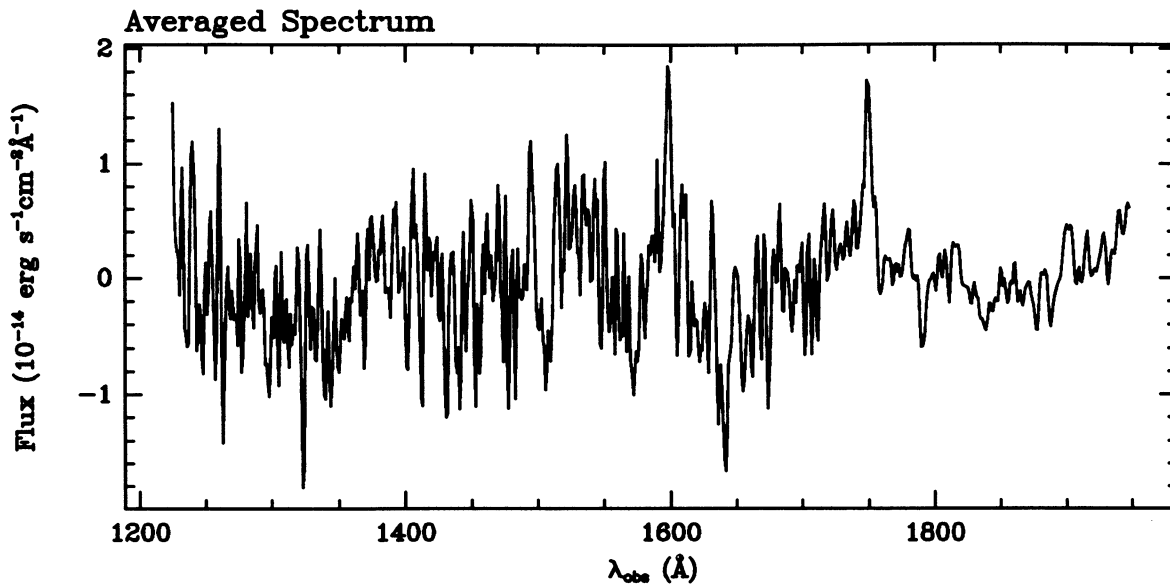
- EINSTEIN**            • 98                            • 134                            • 139                            • 418  
                                   • 424                            • 656                            • 721
- EXOSAT**                • 573                            • 844                            • 942                            • 1674

**References**

- 75            • 114            • 167            • 171            • 183            • 212            • 243            • 274  
 • 288            • 328            • 371            • 372            • 374            • 382            • 401            • 412  
 • 559            • 569            • 597            • 793            • 794            • 850            • 905            • 920

## NGC 5128 HALO

Right Ascension	:	13h 22m 33.00s
Declination	:	-42° 45' 24.0"
Object Type	:	
ULDA Type	:	86
Redshift	:	0.002
Alternative Names	:	

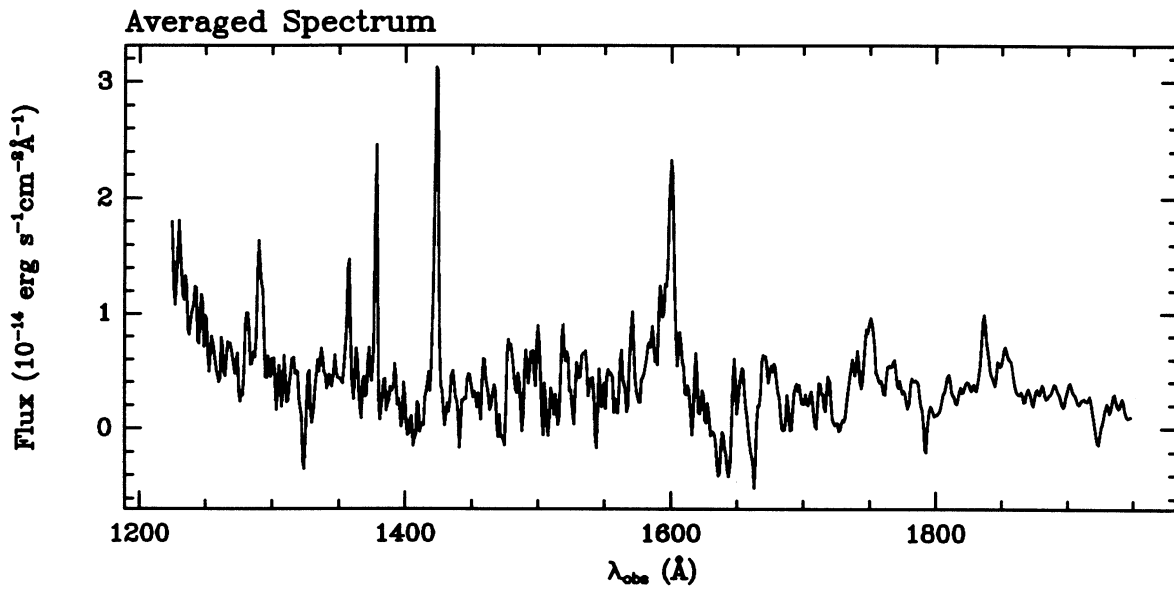


## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1252 $\text{\AA}$	2204 $\text{\AA}$	CEB	Flag
1	SWP	15704	L	44949.0	10 Dec 81	4200.0			$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{\AA}^{-1}$			01
2	SWP	15704	S	44949.0	10 Dec 81	4200.0						01

**NGC 5128 JET**

Right Ascension	:	13h 22m 33.00s
Declination	:	-42° 45' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.002
Alternative Names	:	

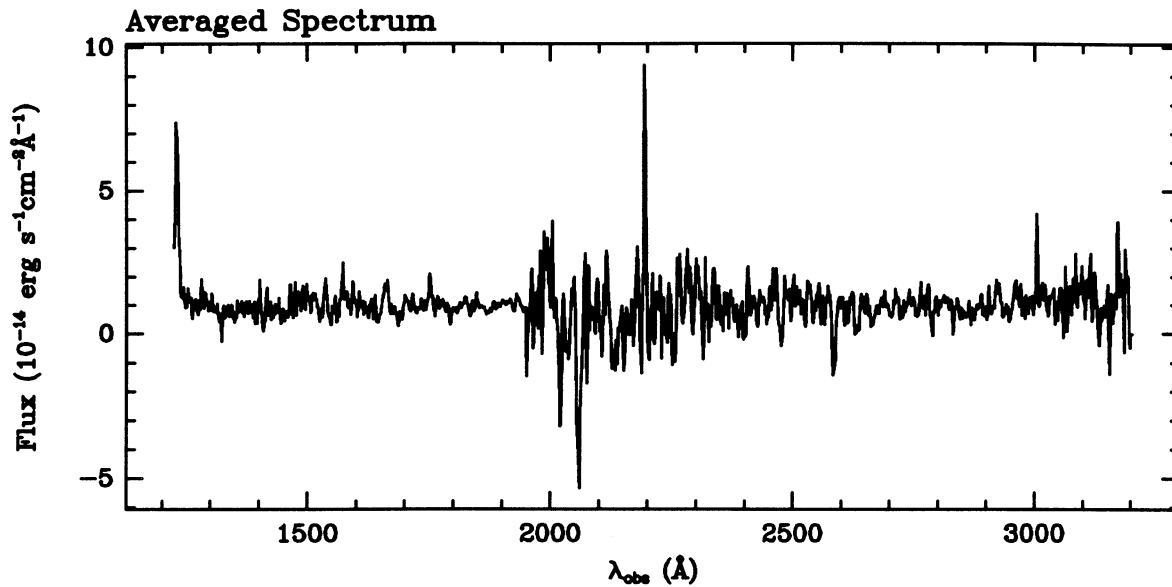


**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1252 Å	2204 Å	CEB	Flag
1	SWP 25554 L	46156.0	31 Mar 85	21600.0			0.84		305	
2	SWP 25554 S	46156.0	31 Mar 85	21600.0					305	D

## NGC 5135

Right Ascension	: 13h 22m 56.50s
Declination	: -29° 34' 27.0"
Object Type	: Seyfert 2
ULDA Type	: 88
Redshift	: 0.013
Alternative Names	: ESO 444- 32, MCG-05-32-0013
	: IRAS 13229-2934, EQ 1322-295



## Observed Spectra

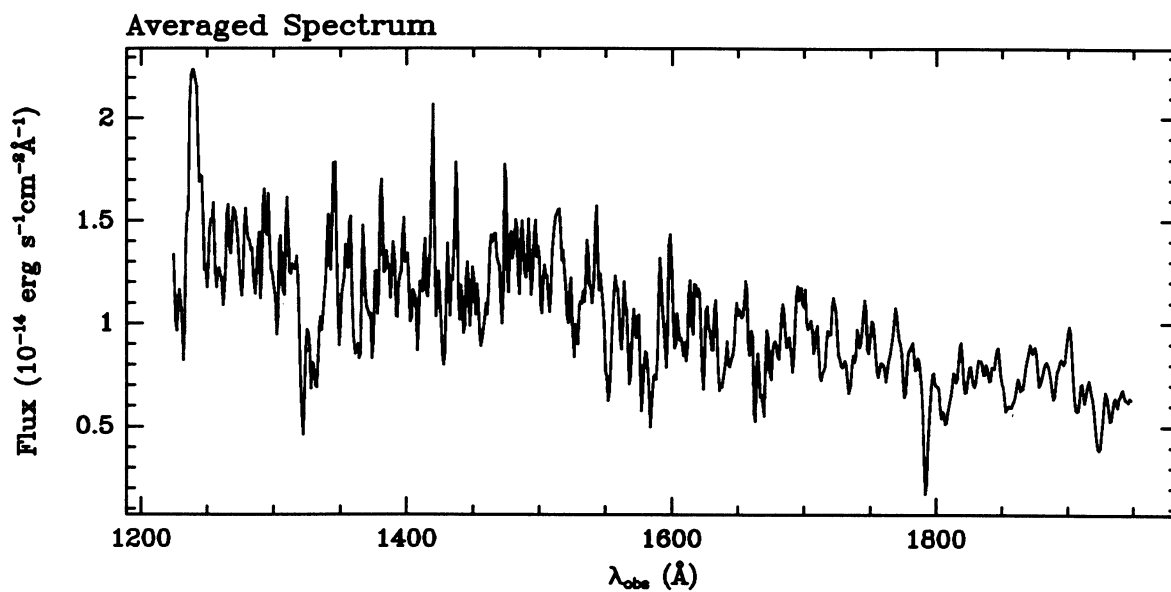
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1266 Å	2228 Å	CEB	Flag
1	LWR	15636	L	45426.0	1 Apr 83	5400.0	81	88.23	$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{Å}^{-1}$	0.62	307	
2	SWP	19603	L	45426.0	1 Apr 83	18900.0	64	69.71	1.16		336	

## References

- 181
- 313
- 445
- 717

**MRK 66**

Right Ascension	:	13h 23m 57.80s
Declination	:	57° 30' 39.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.021
Alternative Names	:	MCG+10-19-0072, EQ 1329+272

**Observed Spectra**

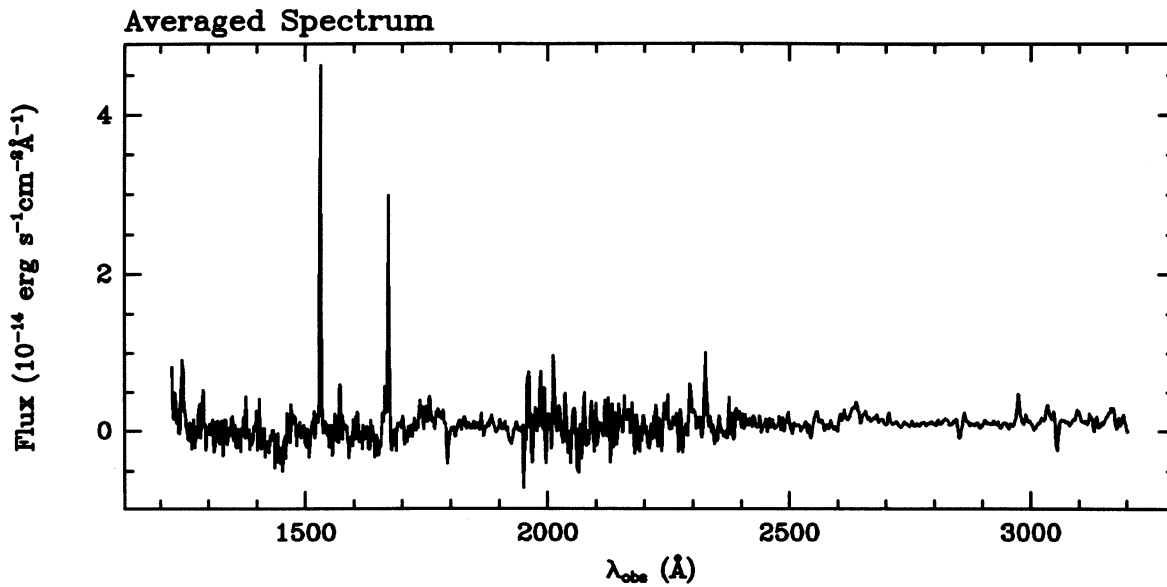
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1276 Å	2246 Å	CEB	Flag
1	SWP 24384 L	46008.0	3 Nov 84	55800.0			1.36			309

**References**

- 682

**QSO 1327-206**

Right Ascension	:	13h 27m 24.44s
Declination	:	-20° 40' 49.1"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.165
Alternative Names	:	PKS 1327-206, PG 1327-206

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2706 Å	3000 Å	CEB	Flag
1	SWP	20061	L	45479.0	24 May 83	24720.0			0.12	0.13	213	
2	LWP	3379	L	45838.0	17 May 84	24240.0					305	

**X-Ray Spectra**

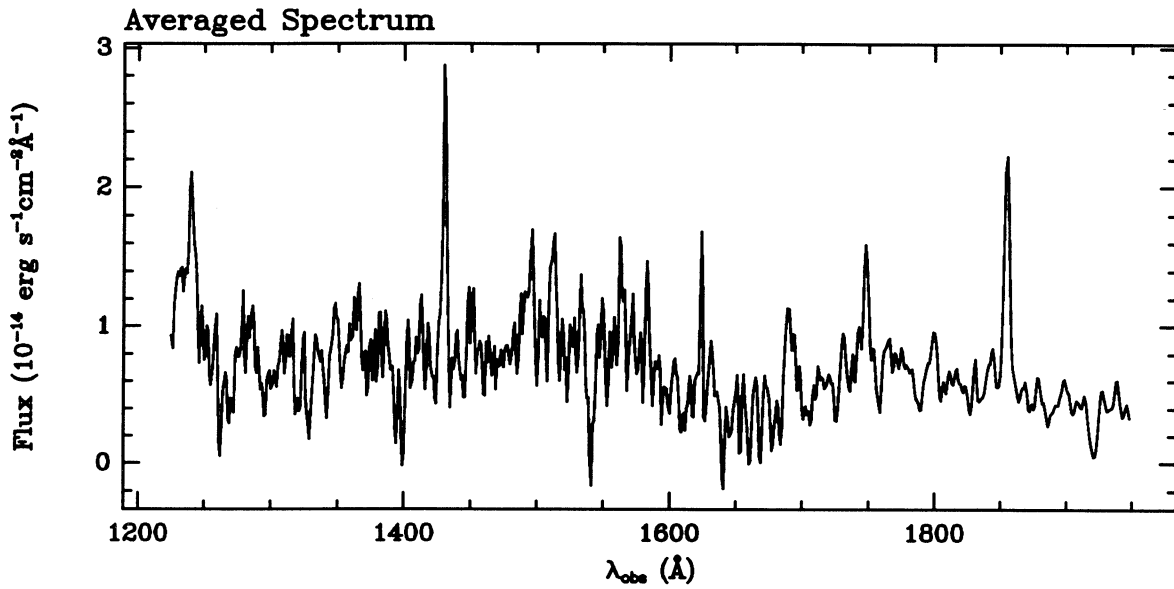
EINSTEIN            • 1041

**References**

• 265      • 454      • 484      • 537      • 842      • 858

**NGC 5204**

Right Ascension	: 13h 27m 43.00s
Declination	: 58° 40' 40.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.001
Alternative Names	: UGC 8490, MCG+10-19-0078



**Observed Spectra**

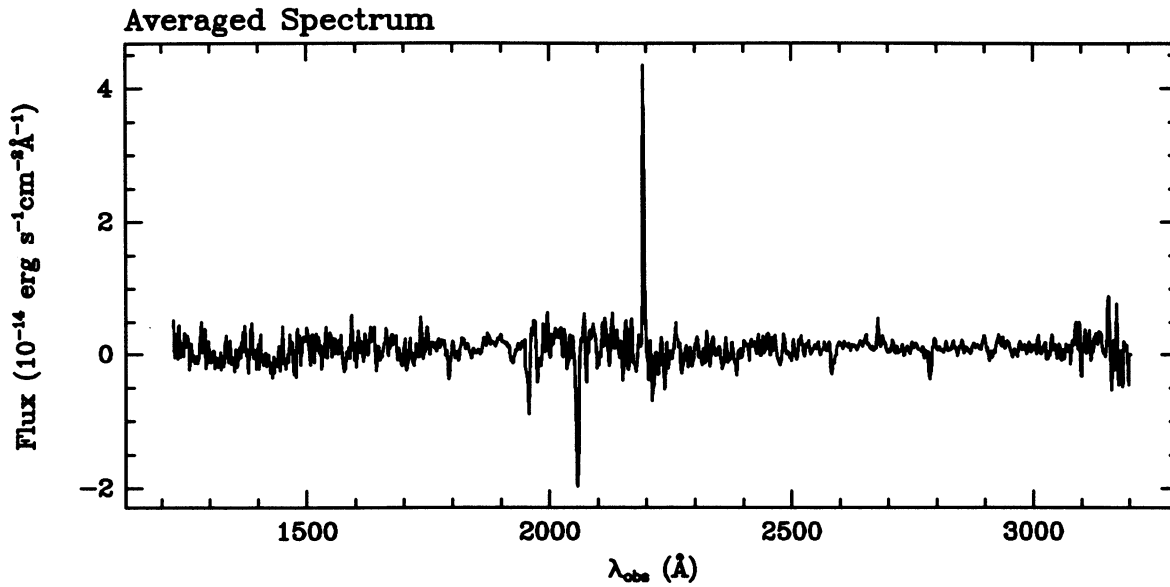
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
1	SWP 10847 L	44594.0	20 Dec 80	12000.0	19	19.50	10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>		0.97	203

**References**

- 96
- 167
- 182

**PG 1329+412**

Right Ascension	:	13h 29m 29.90s
Declination	:	41° 17' 23.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.935
Alternative Names	:	QSO 1329+412

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR	15350	L	45387.0	21 Feb 83	11520.0				0.12		205
2	LWR	15365	L	45390.0	24 Feb 83	18000.0				0.10		307
3	SWP	27699	L	46473.0	11 Feb 86	30900.0			0.13			08

**X-Ray Spectra**

EINSTEIN                      • 284                      • 593

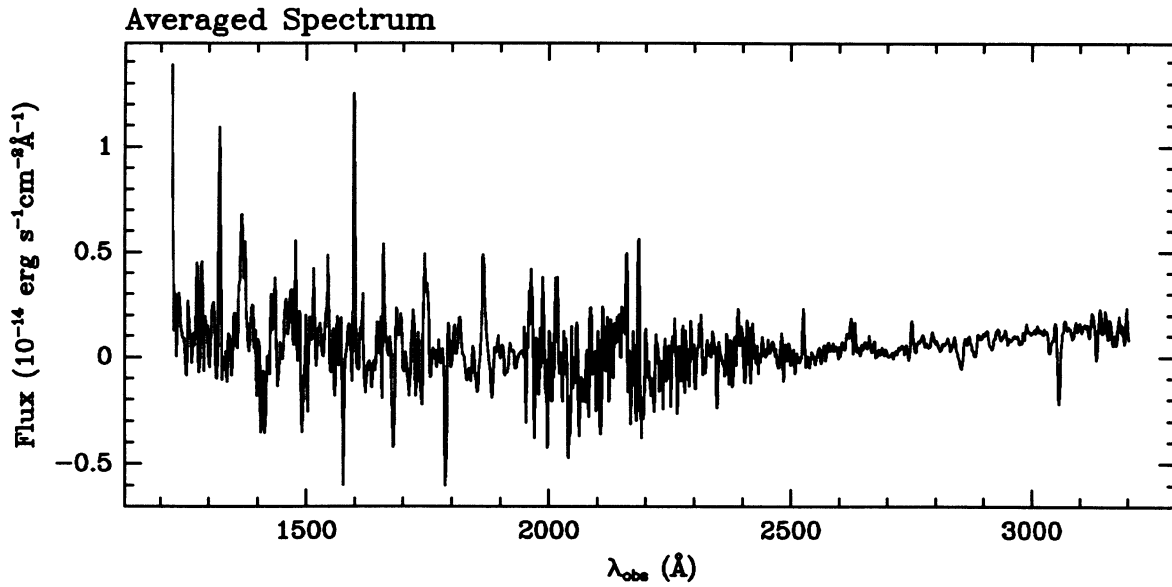
**References**

• 307      • 621      • 711      • 719      • 801      • 830      • 832



### QSO 1331+170

Right Ascension	: 13h 31m 10.10s
Declination	: 17° 04' 24.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 2.084
Alternative Names	: MC3 1331+17.0, PB 3977



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code			
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag		
											10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>			
1	SWP	3544	L	43849.0	6 Dec 78	22680.0			0.07		11			
2	LWP	1630	L	45188.0	6 Aug 82	25800.0				0.15	302			
3	LWP	1797	L	45377.0	11 Feb 83	23700.0				0.08	312			
4	LWP	1798	L	45379.0	13 Feb 83	23520.0				0.11	312			

### X-Ray Spectra

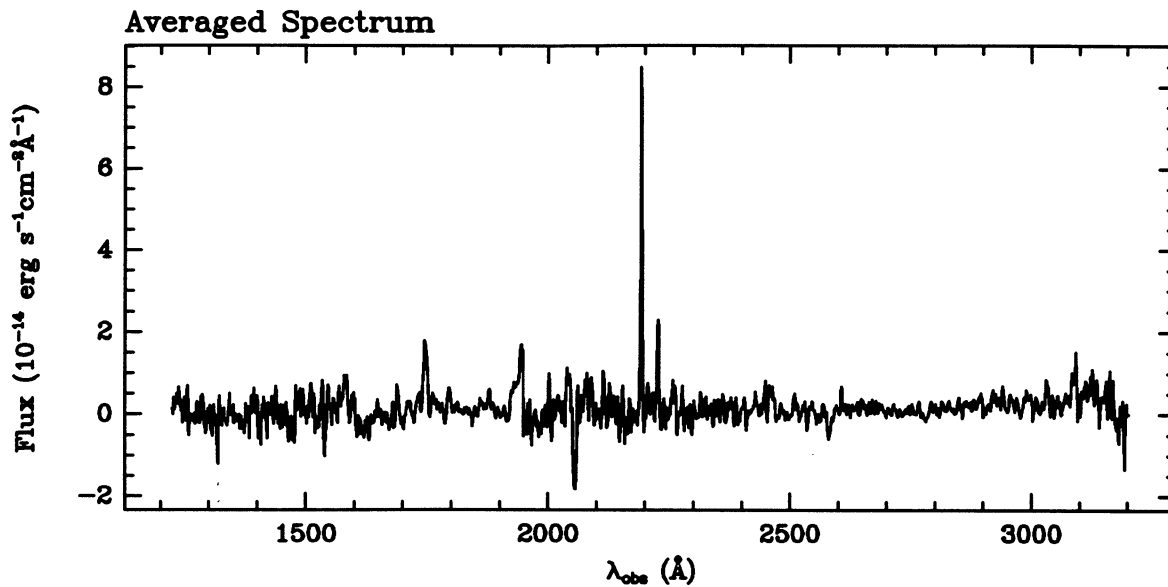
EINSTEIN • 629

### References

- 10      • 265      • 296      • 302      • 307      • 353      • 496      • 545
- 701      • 711      • 719      • 729      • 730      • 766      • 776      • 806
- 895

## ESOB 383-G35

Right Ascension	: 13h 33m 02.00s
Declination	: -34° 02' 24.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.008
Alternative Names	: MCG-06-30-0015, IRAS 1333-340P11



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1260 Å	2217 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	13600	L	44692.0	28 Mar 81	13800.0	60	61.87	0.09			112
2	LWR	10249	L	44694.0	30 Mar 81	10800.0				0.93		303
3	LWR	10250	L	44694.0	30 Mar 81	10680.0				0.19		304

### X-Ray Spectra

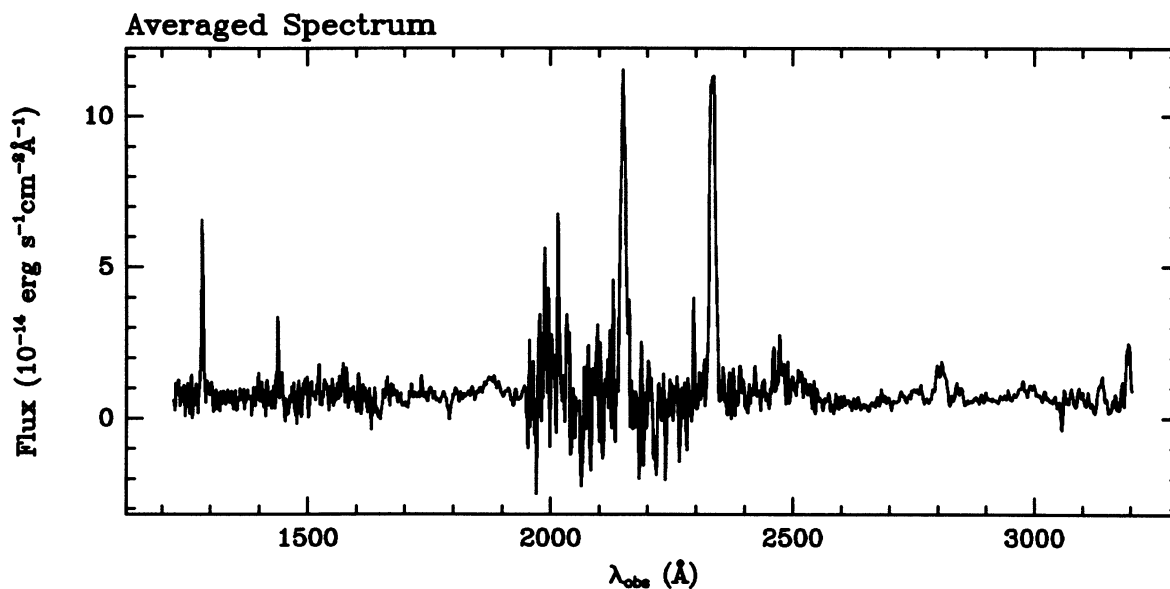
EINSTEIN	• 404	• 412
EXOSAT	• 924	• 2023

### References

• 84	• 85	• 247	• 394	• 602	• 607	• 642	• 766
• 776	• 810	• 853	• 860				

### PG 1333+176

Right Ascension	:	13h 33m 36.70s
Declination	:	17° 40' 31.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.554
Alternative Names	:	PB 4007, QSO 1333+176



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1942 Å	3000 Å	CEB	Flag
1	SWP	32589	L	47152.0	22 Dec 87	9000.0			2.81	0.87	303	
2	LWP	13379	L	47320.0	7 Jun 88	9000.0					304	

### X-Ray Spectra

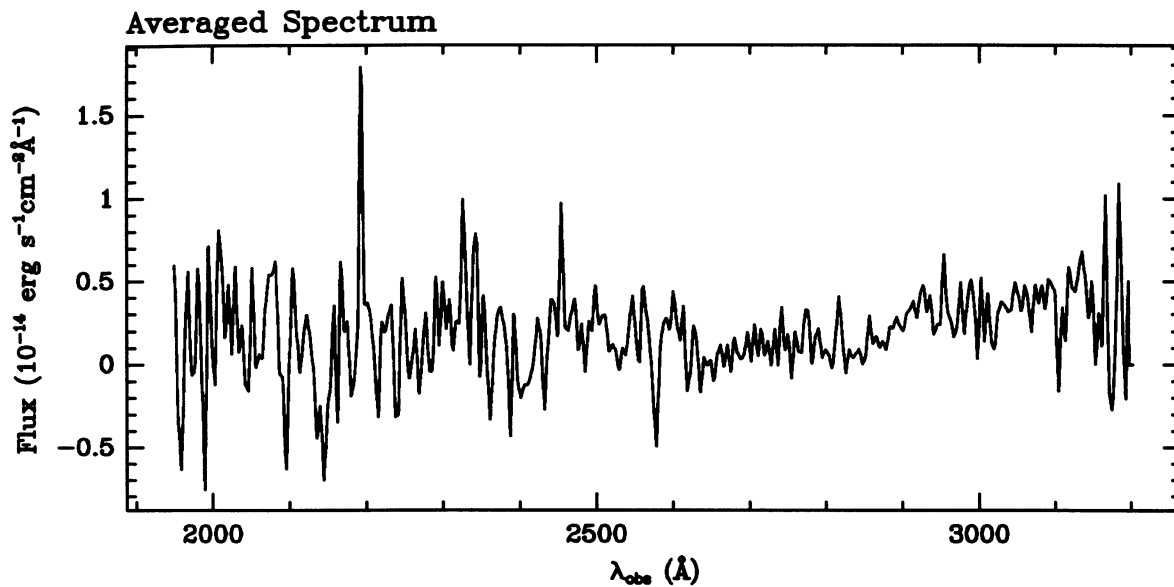
EINSTEIN	• 1210	• 1228	• 1230	• 1232
EXOSAT	• 494	• 831	• 1659	• 1660
	• 1661	• 1689	• 1690	

### References

- 621      • 776      • 801      • 832

**IC 4296**

Right Ascension	:	13h 33m 47.00s
Declination	:	-33° 42' 42.0"
Object Type	:	Radiogalaxy
ULDA Type	:	86
Redshift	:	0.012
Alternative Names	:	MCG-06-30-0016, ESO 383- 39
	:	PKS 1333-337, OP -356

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1265 Å	2226 Å	CEB	Flag
1	LWR 7104 L	44304.0	5 Mar 80	6300.0	115	116.85	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		0.12	204

**X-Ray Spectra**

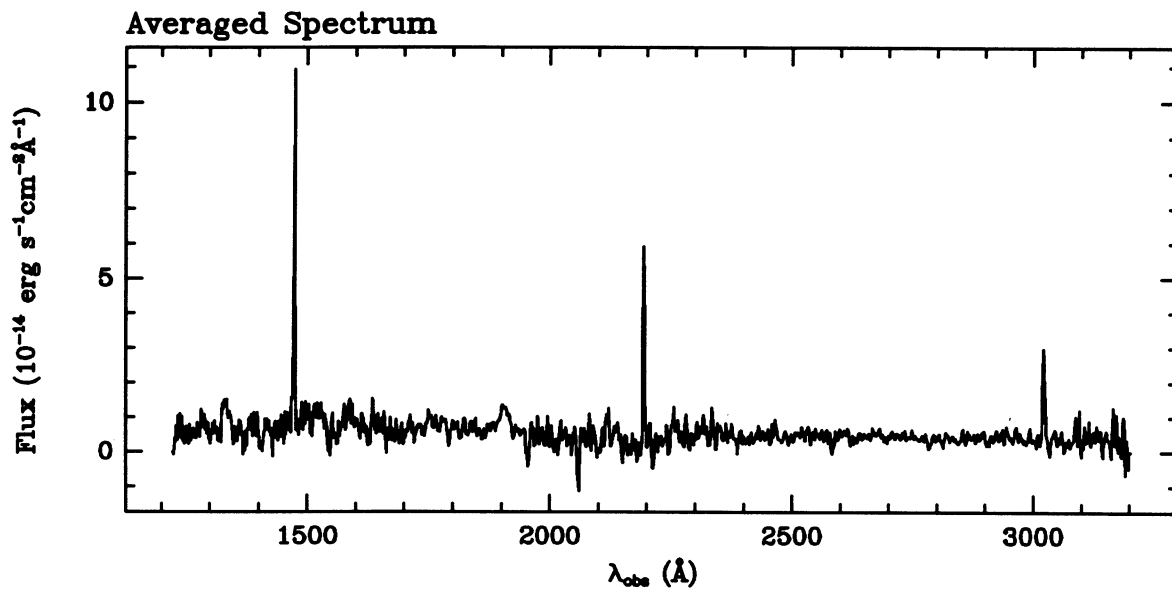
EINSTEIN	• 404	• 412
EXOSAT	• 924	• 2023

**References**

• 582    • 650    • 775    • 935

**ESOB 383-G44**

Right Ascension	:	13h 34m 36.00s
Declination	:	-32° 45' 06.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.013
Alternative Names	:	TOL 86, MCG-05-32-0052

**Observed Spectra**

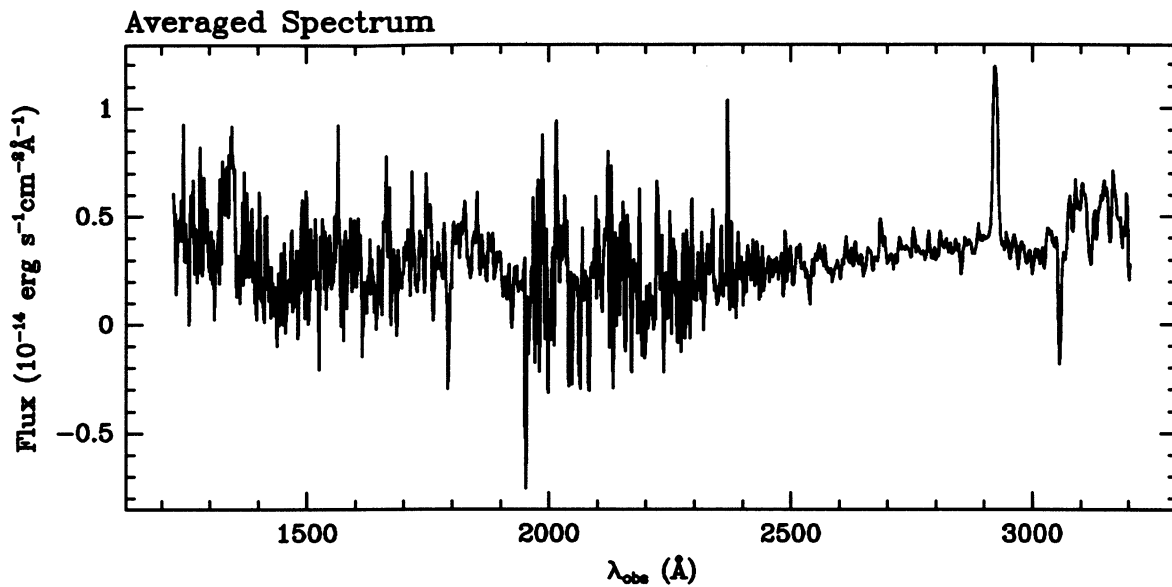
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1266 Å	2228 Å	CEB	Flag
1	LWR 16019 L	45483.0	28 May 83	11400.0						
2	SWP 20083 L	45483.0	28 May 83	12000.0			0.62	0.29		304 331

**References**

- 161
- 275

**QSO 1334+246**

Right Ascension	:	13h 34m 57.37s
Declination	:	24° 38' 18.5"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.107
Alternative Names	:	IRAS 13349+2438

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
	SWP	33690	L	MJD	Civilian		Raw	Corr.	1383 Å	2435 Å	CEB	Flag
1	SWP	33690	L	47314.0	1 Jun 88	25020.0			0.33		303	
2	LWP	13349	L	47316.0	3 Jun 88	20220.0				0.26	303	

**X-Ray Spectra**

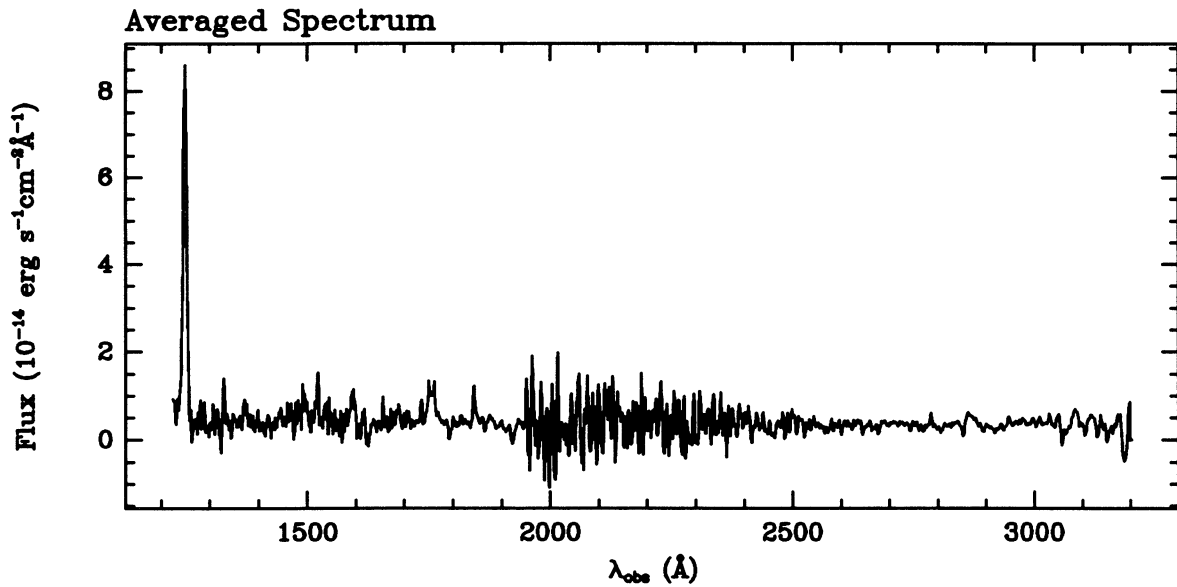
<b>EINSTEIN</b>	• 343			
<b>EXOSAT</b>	• 535	• 620	• 789	• 907
	• 1630	• 1658	• 1683	• 1699
	• 2013	• 2073		

**References**

- 811
- 821

**NGC 5256**

Right Ascension	: 13h 36m 14.70s
Declination	: 48° 31' 53.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.028
Alternative Names	: UGC 8632, MCG+08-25-0031, MRK 266
	: ZW I 67, IRAS 1336+485



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1285 Å	2261 Å	CEB	Flag
1	SWP	18736	L	45309.0	5 Dec 82	25080.0	30	32.31	0.41		342	
2	LWP	2291	L	45657.0	18 Nov 83	19620.0	32	35.75		0.29	304	D

**X-Ray Spectra**

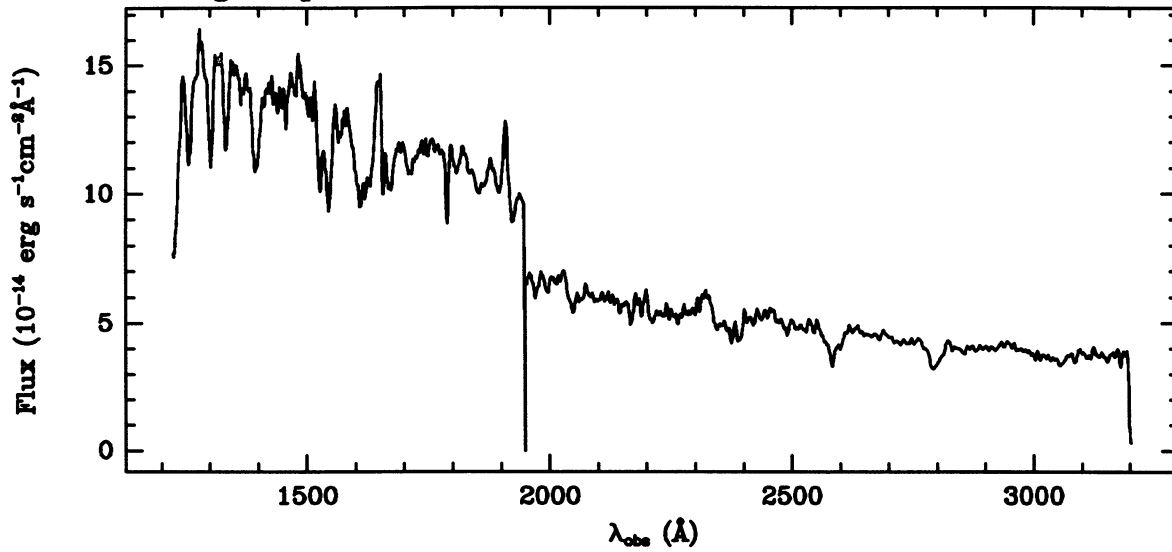
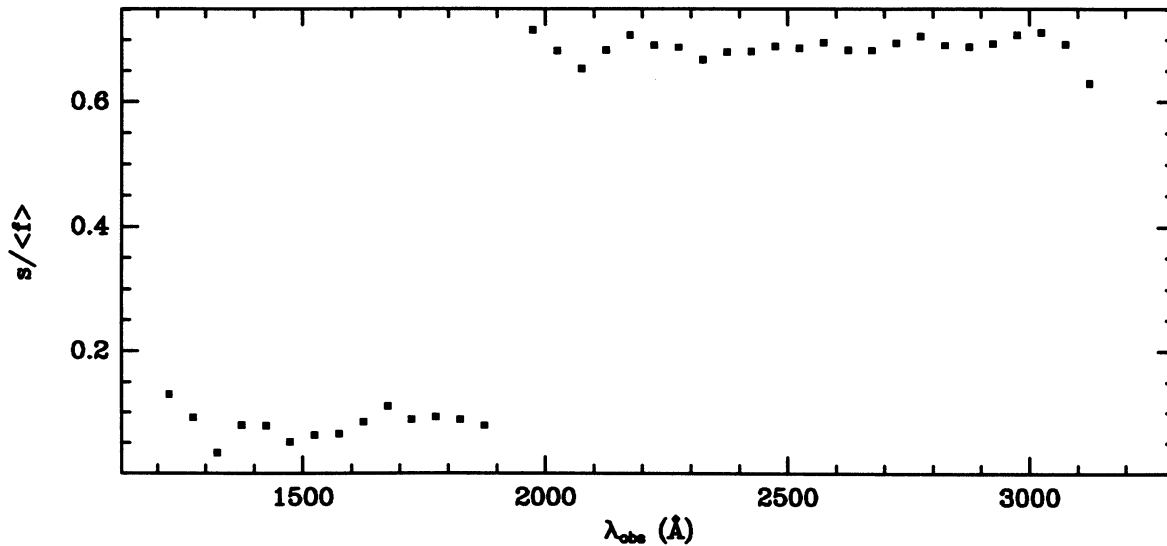
- EINSTEIN           • 366                   • 569                   • 646
- EXOSAT             • 454                   • 1619

**References**

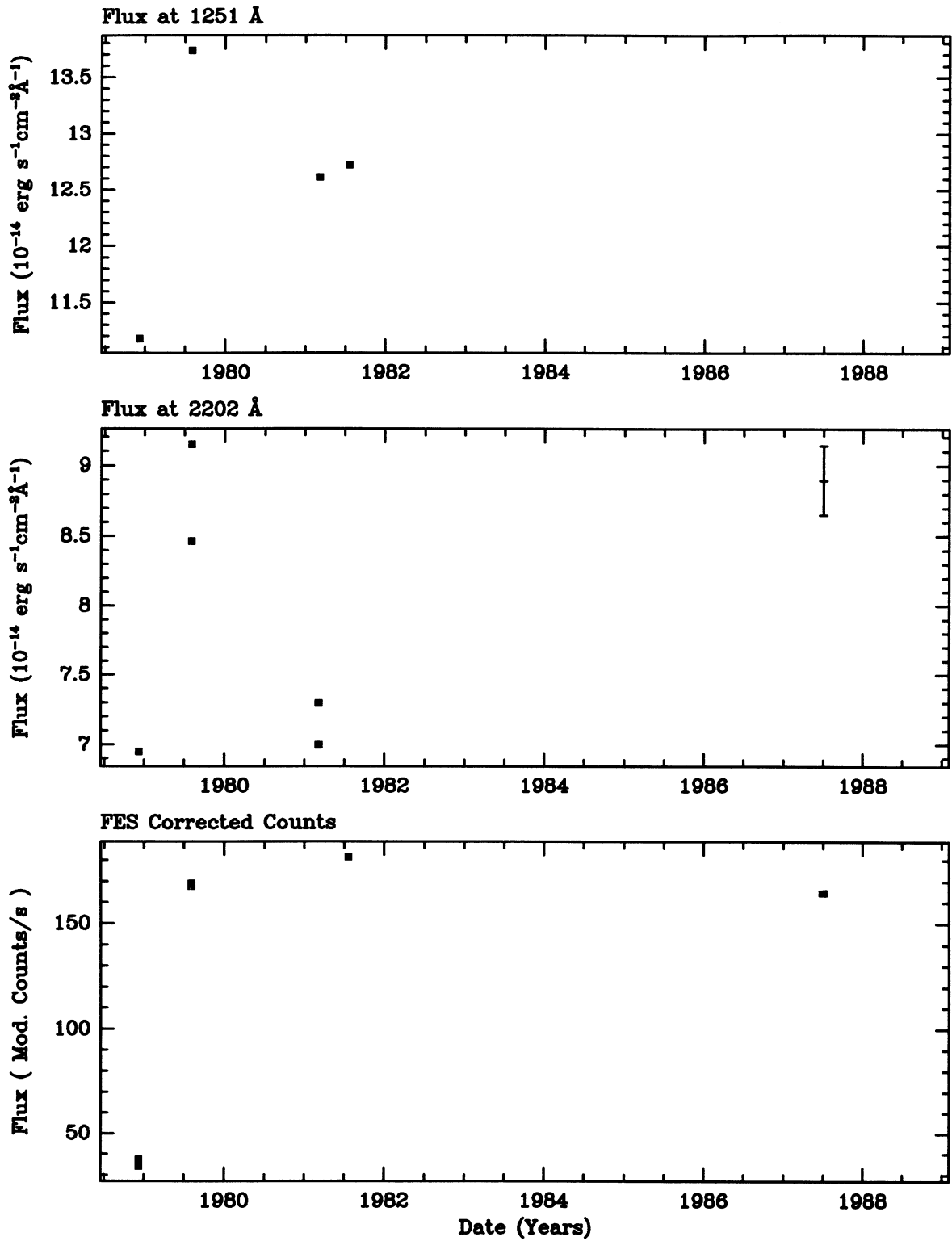
- 46       • 205       • 215       • 246       • 266       • 394       • 559       • 620
- 717       • 836

**NGC 5253**

Right Ascension	: 13h 37m 05.00s
Declination	: -31° 23' 24.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.001
Alternative Names	: ESO 445- 4, MCG-05-32-0060, HARO 10
	: IRAS 13370-3123, UGCA 369

**Averaged Spectrum****Standard Deviation**





## Observed Spectra

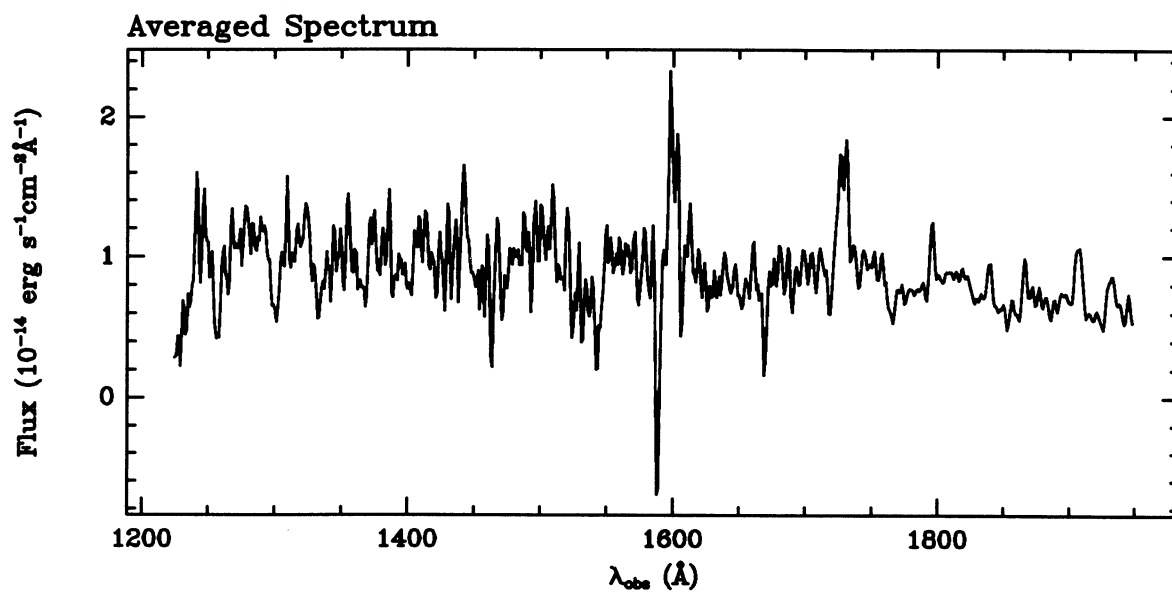
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	3131	L	43852.0	9 Dec 78	6300.0	37	37.39		6.95	50	
2	SWP	3558	L	43852.0	9 Dec 78	1800.0	34	34.36	11.18		23	
3	LWR	5251	L	44090.0	4 Aug 79	3599.0	167	168.99		8.47	302	
4	LWR	5252	L	44090.0	4 Aug 79	3599.0				9.15		
5	SWP	6066	L	44090.0	4 Aug 79	3599.0	166	167.98	13.74		301	
6	LWR	10093	L	44672.0	8 Mar 81	6000.0				7.30	403	
7	LWR	10094	L	44672.0	8 Mar 81	5280.0				7.00	404	
8	SWP	13430	L	44672.0	8 Mar 81	10800.0			12.62		451	
9	SWP	14542	L	44808.0	22 Jul 81	20820.0	175	181.60	12.73		793	
10	LWP	13812	L	47382.0	8 Aug 88	23580.0					303	SKY
11	LWP	13826	L	47385.0	11 Aug 88	18000.0					204	SKY

## References

- 32      • 274      • 275      • 362      • 477      • 582      • 593      • 681
- 717      • 775      • 881

**NGC 5253 1**

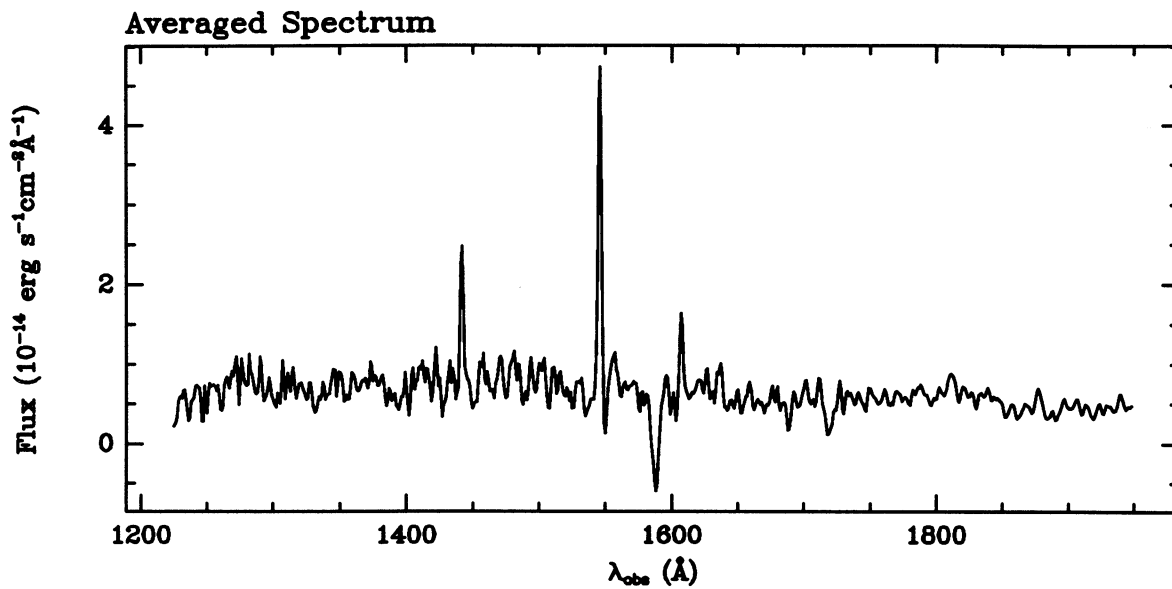
Right Ascension	:	13h 37m 05.00s
Declination	:	-31° 23' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1251 $\text{\AA}$	2202 $\text{\AA}$	CEB	Flag
1	SWP 34056 S	47382.0	8 Aug 88	22380.0			$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{\AA}^{-1}$		302	

**NGC 5253 2**

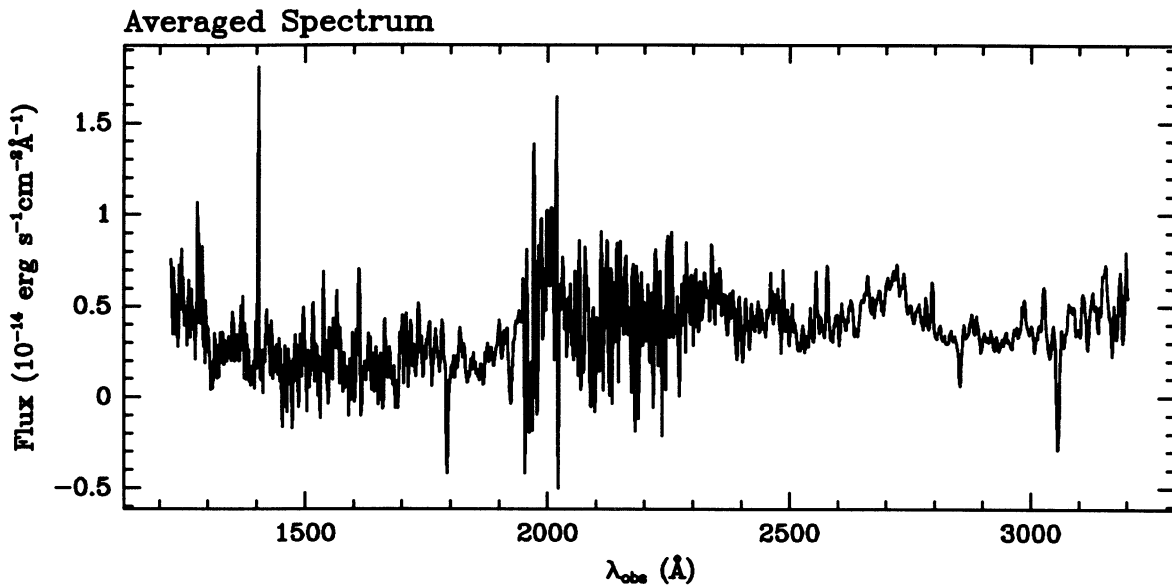
Right Ascension	:	13h 37m 05.00s
Declination	:	-31° 23' 24.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.001
Alternative Names	:	

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1251 Å	2202 Å	CEB	Flag
1	SWP	34072	S	47385.0	11 Aug 88	21000.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			302

**PG 1338+416**

Right Ascension	:	13h 38m 52.20s
Declination	:	41° 38' 18.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.219
Alternative Names	:	QSO 1338+416



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2773 Å	3000 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	LWP	5713	L	46167.0	11 Apr 85	23100.0			0.47	0.39	349	
2	SWP	28205	L	46541.0	20 Apr 86	22500.0					377	
3	SWP	30294	L	46838.0	11 Feb 87	19500.0					453	
4	SWP	30347	L	46847.0	20 Feb 87	25200.0					308	

**X-Ray Spectra**

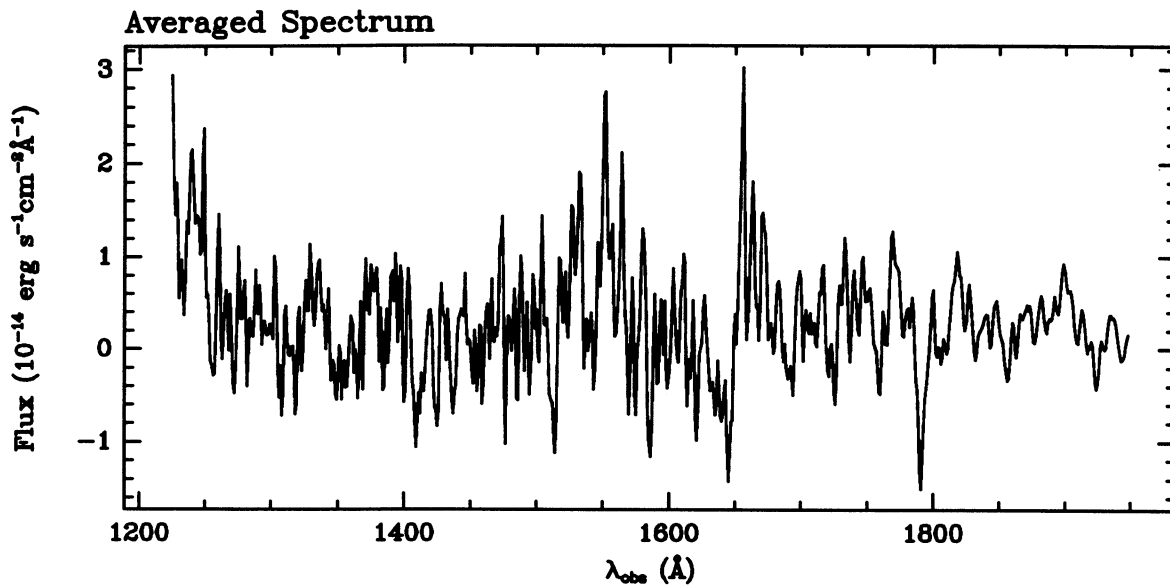
EINSTEIN           • 284                   • 593  
 EXOSAT            • 793

**References**

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

## MRK 67

Right Ascension	:	13h 39m 39.40s
Declination	:	30° 46' 17.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	UGCA 372



## Observed Spectra

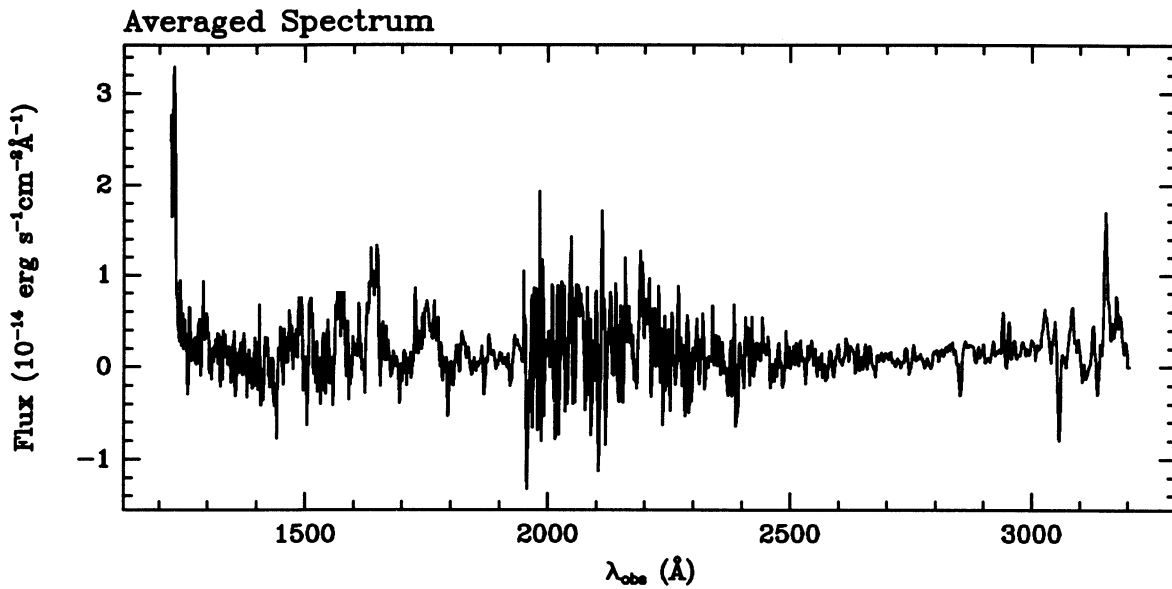
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	SWP 15572 L	44936.0	27 Nov 81	8400.0						
2	SWP 15572 S	44936.0	27 Nov 81	8400.0			0.76			

## References

• 274

**NGC 5283**

Right Ascension	: 13h 39m 40.70s
Declination	: 67° 55' 33.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.009
Alternative Names	: UGC 8672, MCG+11-17-0007
	: MRK 270, EQ 1339+679



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
1	SWP	23114	L	45848.0	27 May 84	16500.0	34	38.91	0.28		337	
2	LWP	3452	L	45849.0	28 May 84	18600.0	34	38.91		0.33	309	D

**X-Ray Spectra**

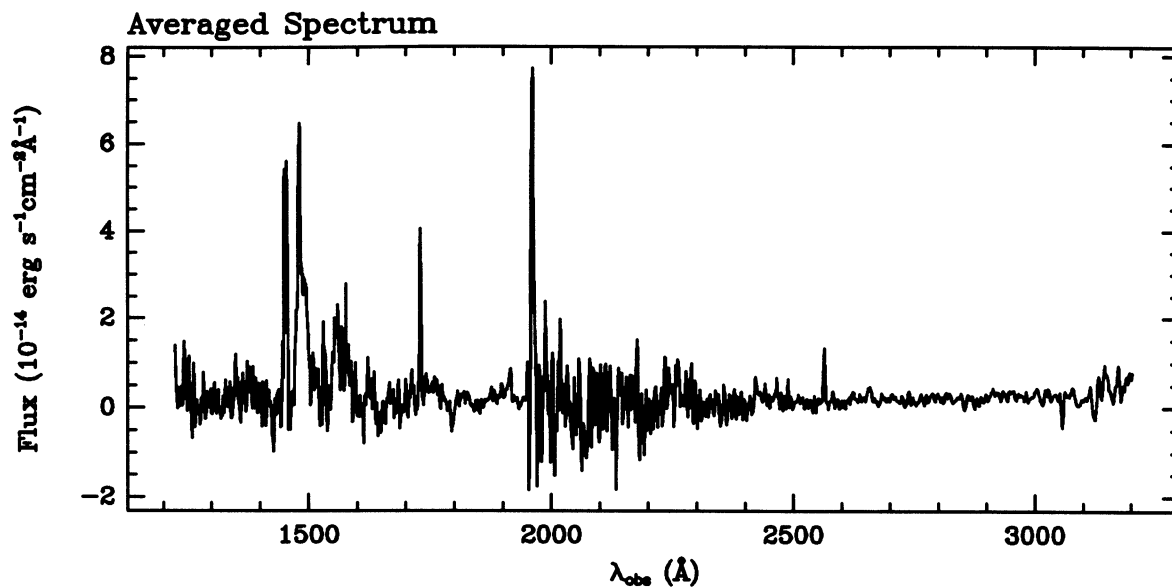
EINSTEIN                    • 220                    • 228                    • 282                    • 303  
                                   • 1157                    • 1248                    • 1255

**References**

• 81      • 85      • 93      • 135      • 145      • 164      • 177      • 178  
 • 284      • 315      • 394      • 445      • 499      • 593      • 669      • 717

## NGC 5273

Right Ascension	:	13h 39m 48.14s
Declination	:	35° 54' 00.3"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.003
Alternative Names	:	UGC 8675, MCG+06-30-0072



### Observed Spectra

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	LWP	14533	L	47492.0	26 Nov 88	6000.0	45	74.87	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		304	
2	SWP	34825	L	47492.0	26 Nov 88	6600.0	46	76.53	0.23		332	

### X-Ray Spectra

EINSTEIN	• 17	• 351	• 604	• 995
EXOSAT	• 1647	• 1680		

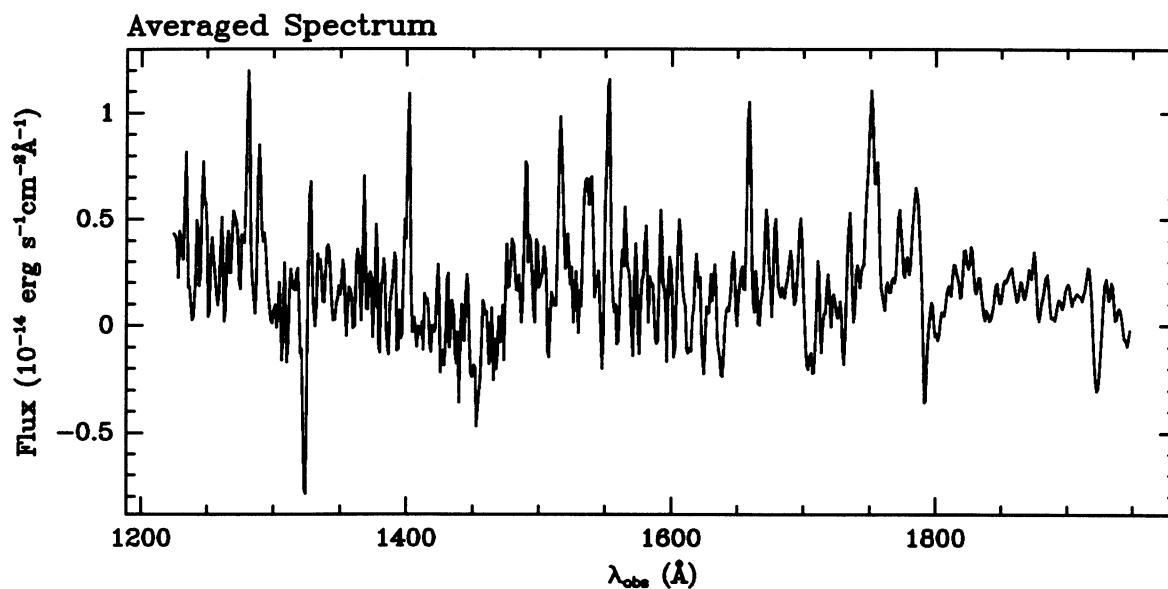
### References

• 384      • 394      • 489      • 717



**MRK 273**

Right Ascension	: 13h 42m 51.20s
Declination	: 56° 08' 20.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.037
Alternative Names	: UGC 8696, MCG+09-23-0004
	: ZW I 71, IRAS 13428+5608

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1296 Å	2281 Å	CEB	Flag
1	SWP 26367 L	46253.0	6 Jul 85	25920.0			0.27		225	

**X-Ray Spectra**

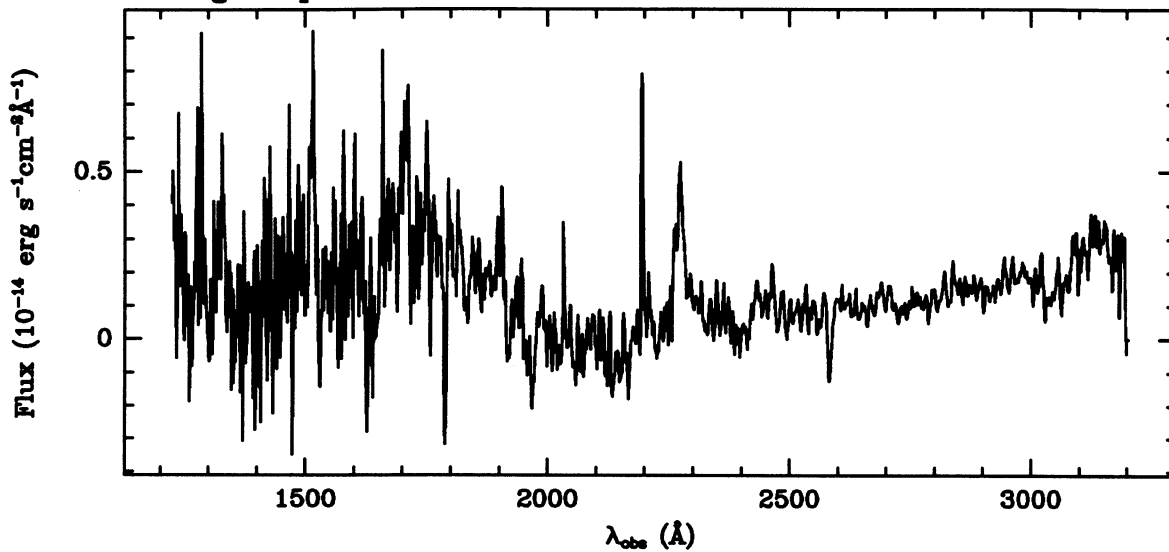
EINSTEIN            • 281                    • 570                    • 571

**References**

• 85      • 93      • 135      • 164      • 177      • 198      • 284      • 394  
 • 445      • 559      • 565      • 593      • 717      • 836

**IC 4329A**

Right Ascension	: 13h 46m 27.90s
Declination	: -30° 03' 41.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.016
Alternative Names	: ESO 445- 50, MCG-05-33-0021
	: EQ 1346-300, IRAS 13464-3003

**Averaged Spectrum****Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1270 Å	2235 Å	CEB	Flag
1	LWR 8380 L	44447.0	26 Jul 80	49980.0				0.02	308	
2	LWR 10126 L	44676.0	12 Mar 81	52200.0	64	65.94		0.08	309	
3	SWP 15883 L	44964.0	25 Dec 81	25200.0			0.20		204	

**X-Ray Spectra**

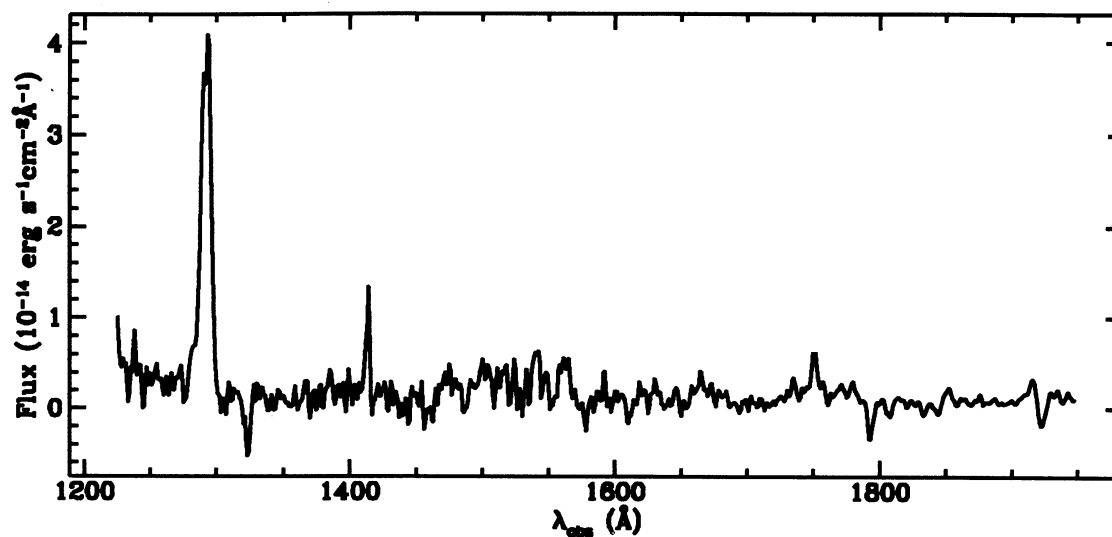
<b>EINSTEIN</b>	• 101	• 397	• 415	• 426
	• 430	• 657	• 670	• 1044
	• 1256			
<b>EXOSAT</b>	• 24	• 25	• 49	• 50
	• 75	• 923	• 1733	

**References**

- 85      • 284      • 315      • 359      • 593      • 607      • 664      • 724
- 775      • 776      • 810      • 853

**ABCG 1795**

Right Ascension	:	13h 46m 30.00s
Declination	:	26° 50' 12.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.062
Alternative Names	:	H 1347+26.8, 4C 26.42, PKS 1346+268
	:	OP 278, 4U 1348+25, 2A 1346+266

**Averaged Spectrum****Observed Spectra**

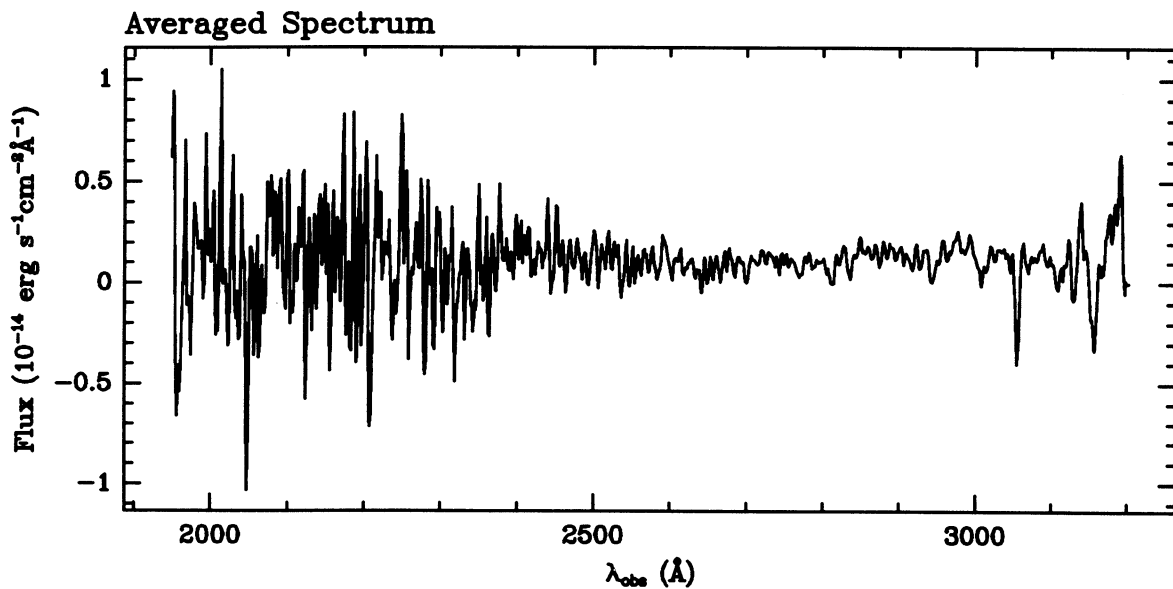
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1327 Å	2336 Å	CEB	Flag
1	SWP	23522	L	45908.0	26 Jul 84	49200.0			0.06			339

**References**

- 190      • 268      • 323      • 387      • 727      • 778      • 779      • 799
- 928

**NGC 5347**

Right Ascension	: 13h 51m 06.14s
Declination	: 33° 45' 00.3"
Object Type	: Seyfert ?
ULDA Type	: 84
Redshift	: 0.008
Alternative Names	: UGC 8805, MCG+06-31-0007
	: IRAS 13510+3344, EQ 1351+337

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1260 Å	2217 Å	CEB	Flag
1	LWP 11253 L	46996.0	19 Jul 87	24720.0	20	28.56	10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>		0.09	315 D

**X-Ray Spectra**

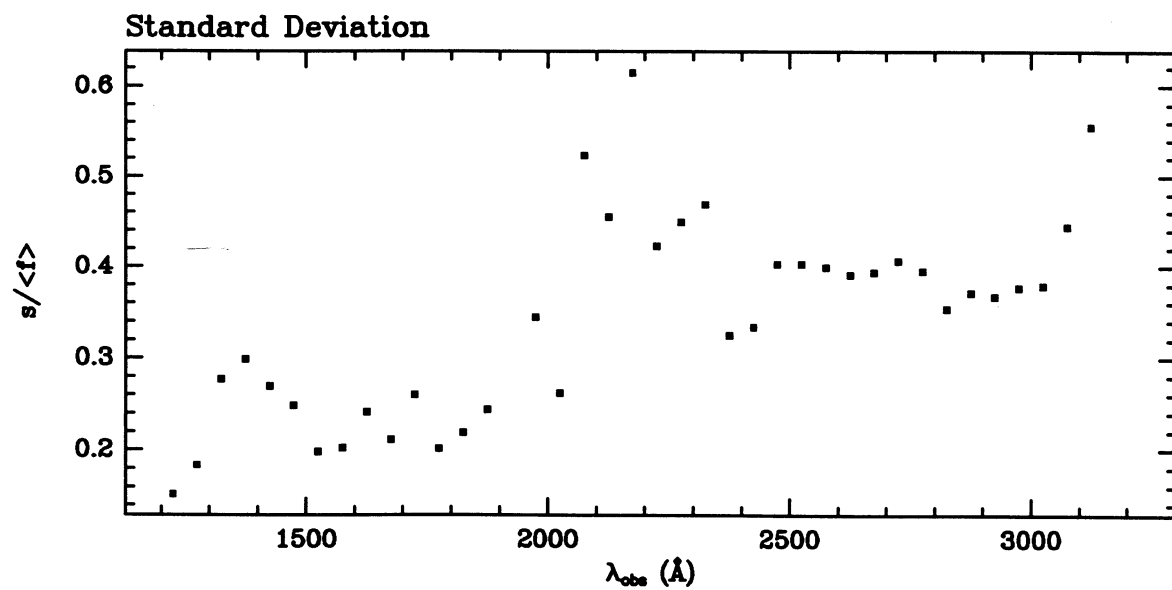
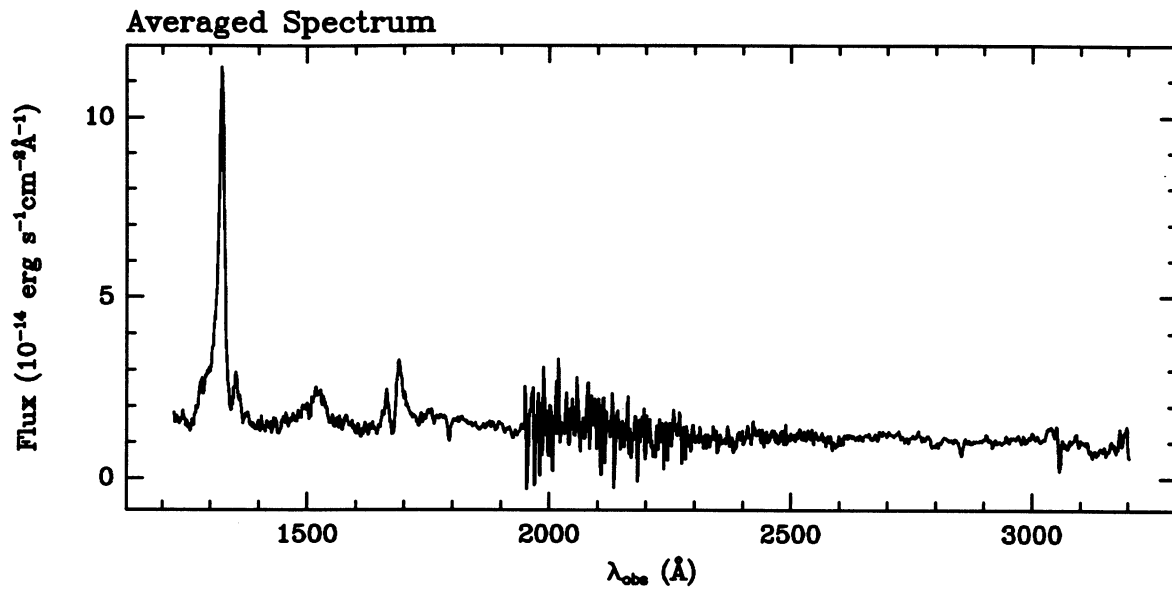
EINSTEIN • 610

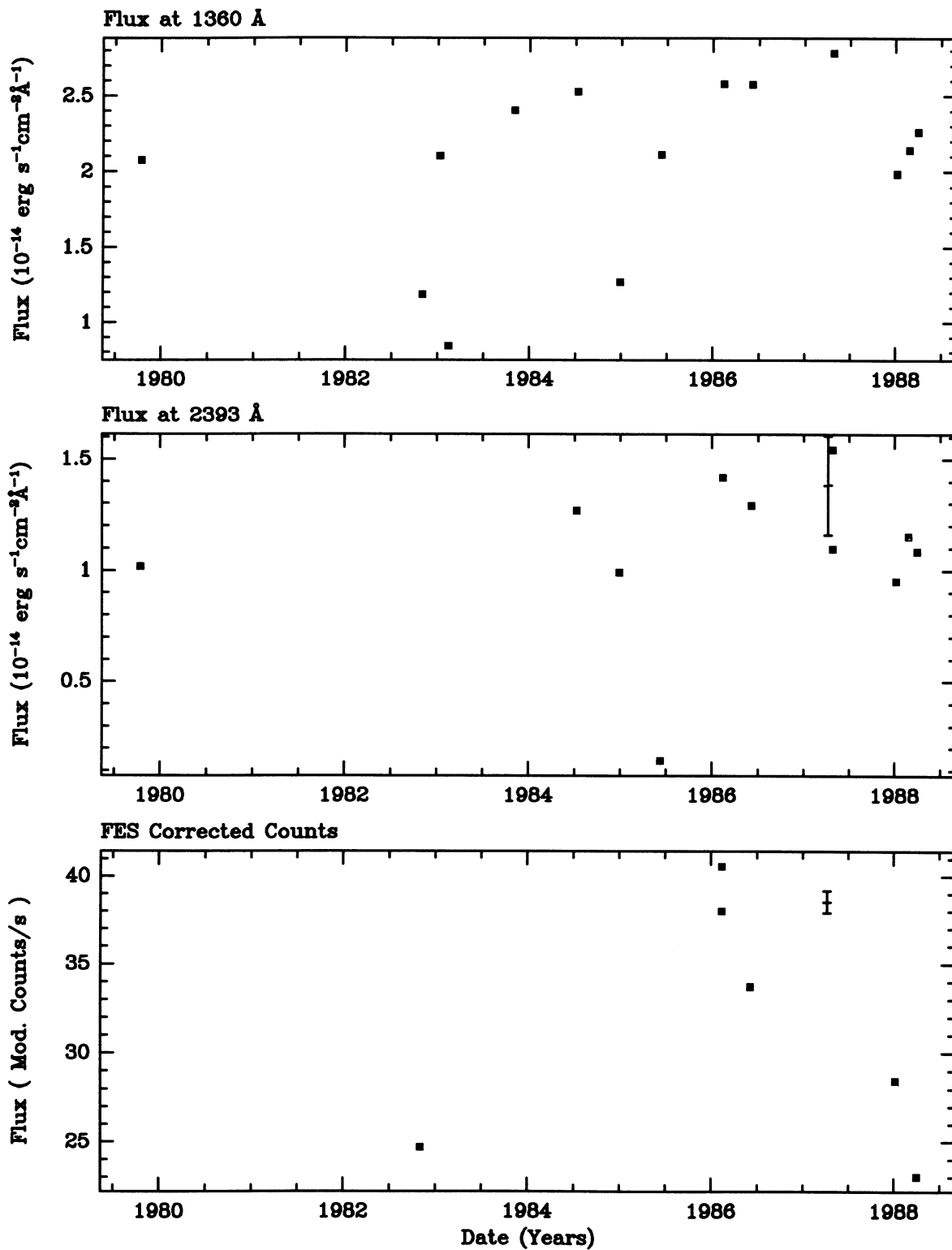
**References**

• 181

**PG 1351+640**

Right Ascension	: 13h 51m 46.26s
Declination	: 64° 00' 28.4"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.088
Alternative Names	: IRAS 13517+6400, QSO 1351+640





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1360 Å	2393 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	6869	L	44161.0	14 Oct 79	8460.0			2.08			342
2	LWR	5844	L	44162.0	15 Oct 79	5400.0				1.02		307
3	SWP	18457	L	45276.0	2 Nov 82	9600.0	23	24.70	1.19			342
4	SWP	18975	L	45344.0	9 Jan 83	12000.0			2.11			362
5	SWP	19260	L	45381.0	15 Feb 83	4260.0			0.84			231
6	SWP	21436	L	45641.0	2 Nov 83	9600.0			2.41			351
7	LWP	3752	L	45893.0	11 Jul 84	6000.0				1.27		433
8	SWP	23443	L	45893.0	11 Jul 84	12600.0			2.53			362
9	LWP	5094	L	46063.0	28 Dec 84	2820.0				0.99		303
10	SWP	24768	L	46063.0	28 Dec 84	6600.0			1.27			343
11	LWP	6168	L	46226.0	9 Jun 85	1200.0				0.15		111
12	SWP	26132	L	46226.0	9 Jun 85	9000.0			2.11			342
13	LWP	7654	L	46474.0	12 Feb 86	1500.0	30	38.03			1.42	312
14	SWP	27704	L	46474.0	12 Feb 86	7200.0	32	40.56	2.58			341
15	SWP	28446	L	46588.0	6 Jun 86	18000.0	26	33.73	2.58			362
16	LWP	8344	L	46589.0	7 Jun 86	6600.0				1.29		402
17	LWP	10655	L	46914.0	28 Apr 87	4800.0				1.10		353
18	LWP	10656	L	46914.0	28 Apr 87	2220.0				1.55		302
19	SWP	30878	L	46914.0	28 Apr 87	8400.0			2.78			351
20	LWP	12446	L	47167.0	6 Jan 88	5040.0	19	28.46			0.95	303
21	SWP	32672	L	47167.0	6 Jan 88	10200.0	19	28.46	1.99			351
22	LWP	12744	L	47218.0	26 Feb 88	7200.0				1.15		342
23	SWP	32986	L	47218.0	26 Feb 88	15000.0			2.14			461
24	LWP	12962	L	47253.0	1 Apr 88	6000.0				1.09		303
25	SWP	33193	L	47253.0	1 Apr 88	12300.0	15	23.06	2.26			352

## X-Ray Spectra

EINSTEIN           • 218                   • 1169                   • 1249                   • 1250  
EXOSAT             • 1469

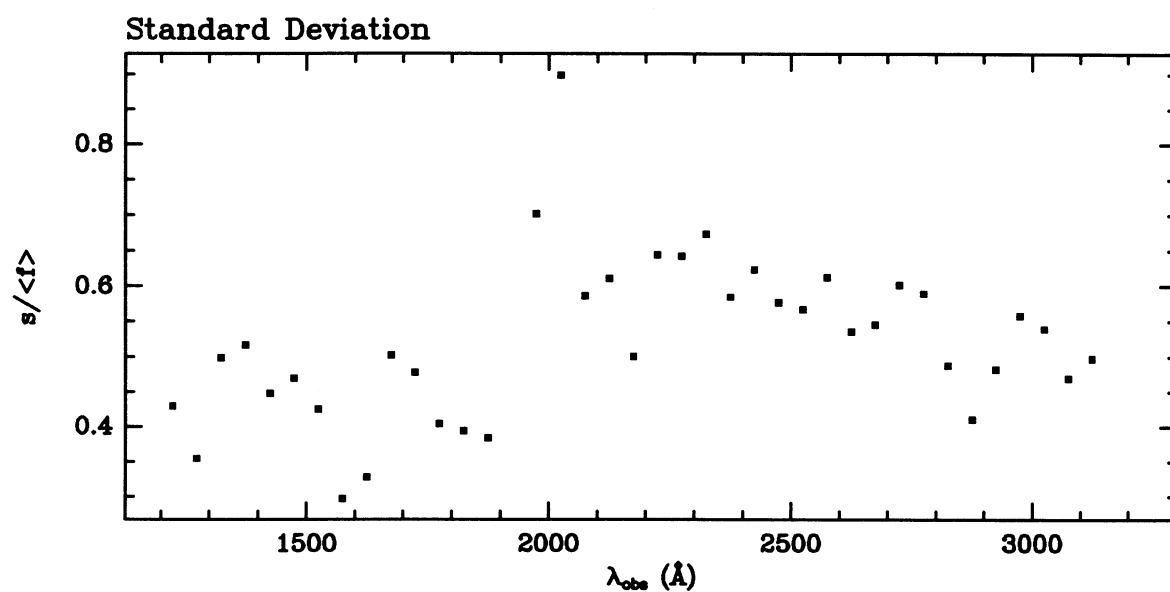
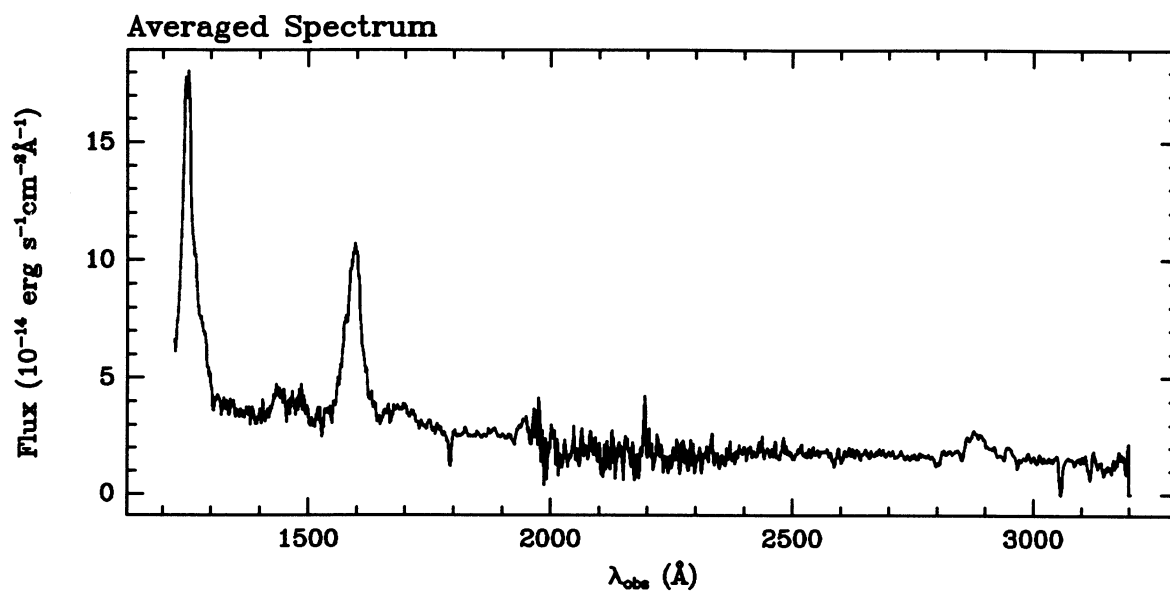
## References

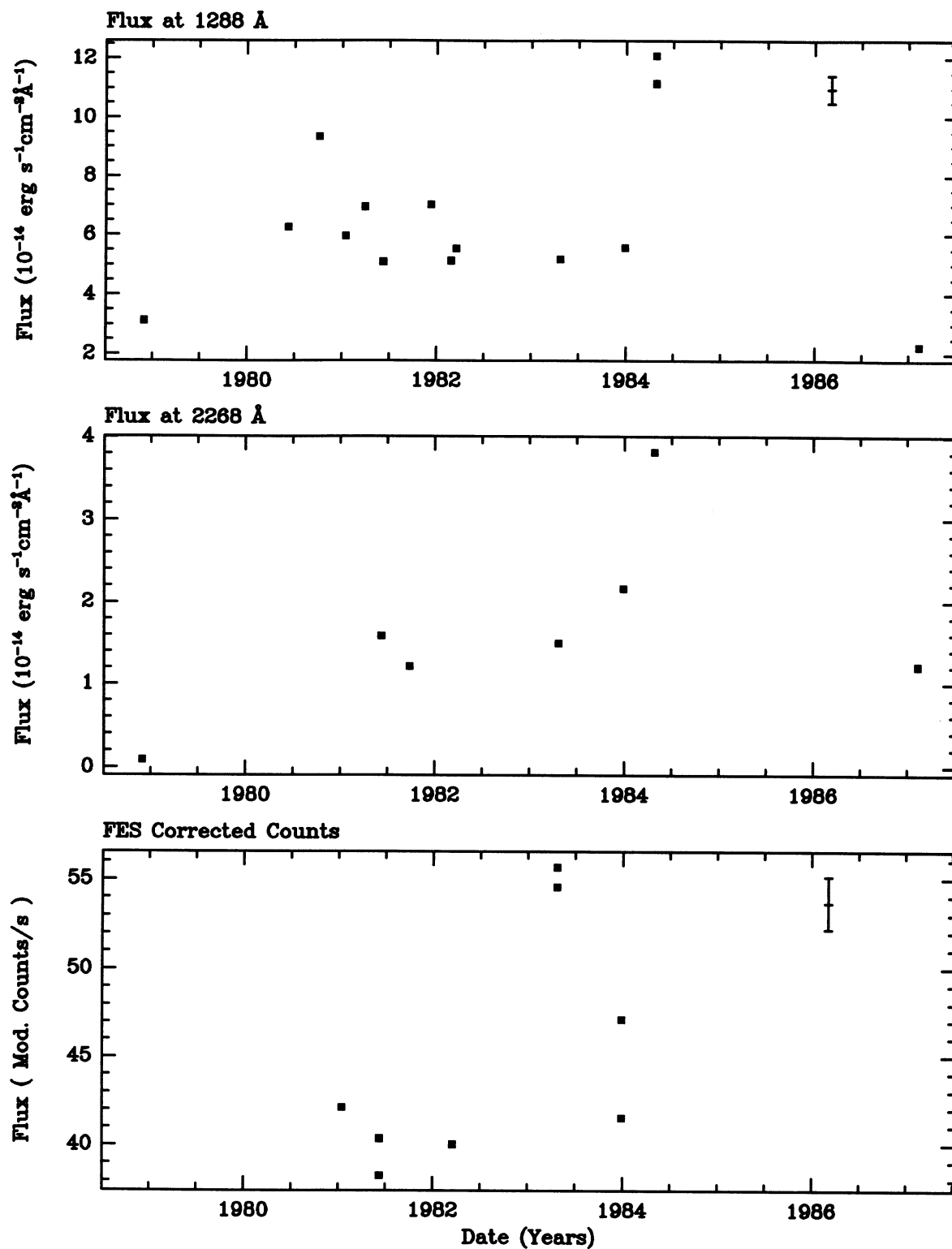
• 14           • 41           • 85           • 132           • 158           • 273           • 302           • 315  
• 400          • 402          • 452          • 469          • 521          • 522          • 590          • 621  
• 696          • 717          • 723          • 729          • 730          • 743          • 744          • 804  
• 811          • 816          • 832          • 845



**MRK 279**

Right Ascension	: 13h 51m 51.90s
Declination	: 69° 33' 13.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.031
Alternative Names	: UGC 8823, MCG+12-13-0022, PG 1351+695
	: IRAS 13519+6933, QSO 1351+695





## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag	
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$				
1	LWR 3073	L	43843.0	30 Nov 78	9600.0			3.13	0.09	23	
2	SWP 3497	L	43843.0	30 Nov 78	10800.0					34	
3	SWP 9217	L	44398.0	7 Jun 80	12000.0			6.27		354	
4	SWP 9217	S	44398.0	7 Jun 80	12000.0					354	
5	SWP 10282	L	44518.0	5 Oct 80	7380.0			9.35		342	
6	SWP 11061	L	44620.0	15 Jan 81	10800.0	41	42.13	5.96		353	
7	SWP 13613	L	44694.0	30 Mar 81	10800.0			6.95		452	
8	LWR 10816	L	44765.0	9 Jun 81	6000.0	39	40.37		1.59	452	
9	SWP 14225	L	44765.0	9 Jun 81	18000.0	37	38.30	5.10		444	
10	LWR 11623	L	44874.0	26 Sep 81	7500.0				1.22	452	
11	SWP 15686	L	44948.0	9 Dec 81	9000.0			7.03		342	
12	SWP 16424	L	45026.0	25 Feb 82	10800.0			5.14		353	
13	SWP 16556	L	45046.0	17 Mar 82	10800.0	38	40.05	5.55		353	
14	LWR 15803	L	45448.0	23 Apr 83	6000.0	50	54.58		1.50	343	
15	SWP 19800	L	45448.0	23 Apr 83	3600.0	51	55.67	5.19		332	
16	LWP 2522	L	45698.0	29 Dec 83	5400.0	37	41.54		2.17	454	D
17	SWP 21904	L	45698.0	29 Dec 83	4200.0	42	47.15	5.59		334	
18	LWP 3232	L	45818.0	27 Apr 84	3600.0				3.82	x09	D
19	SWP 22863	L	45818.0	27 Apr 84	3600.0			12.10		309	
20	SWP 22864	L	45818.0	27 Apr 84	3600.0			11.17		338	
21	LWP 10116	L	46840.0	13 Feb 87	5700.0				1.22	343	D
22	SWP 30303	L	46840.0	13 Feb 87	5280.0			2.26		332	

## X-Ray Spectra

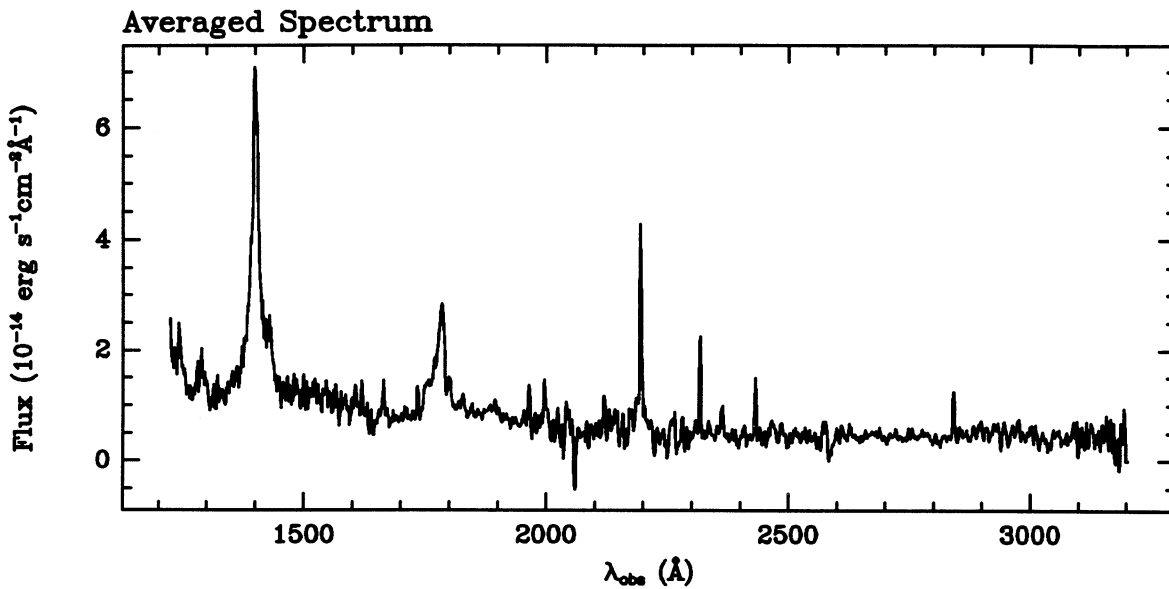
EINSTEIN           • 205                           • 279                           • 788                           • 1247  
EXOSAT             • 327                           • 524                           • 1436

## References

• 38           • 81           • 85           • 99           • 143           • 145           • 151           • 158  
• 179          • 206          • 253          • 261          • 284          • 296          • 300          • 315  
• 320          • 394          • 434          • 521          • 561          • 593          • 611          • 625  
• 662          • 717          • 724          • 776          • 804          • 816          • 843          • 845

**QSO 1352+183**

Right Ascension	:	13h 52m 12.60s
Declination	:	18° 20' 00.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.152
Alternative Names	:	PG 1352+183, PB 4145

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1440 Å	2534 Å	CEB	Flag
1	SWP	20112	L	45486.0	31 May 83	14400.0			1.95			345
2	LWR	16428	L	45541.0	25 Jul 83	16200.0				0.44		304
3	SWP	20706	L	45564.0	17 Aug 83	18000.0			1.56			344

**X-Ray Spectra**

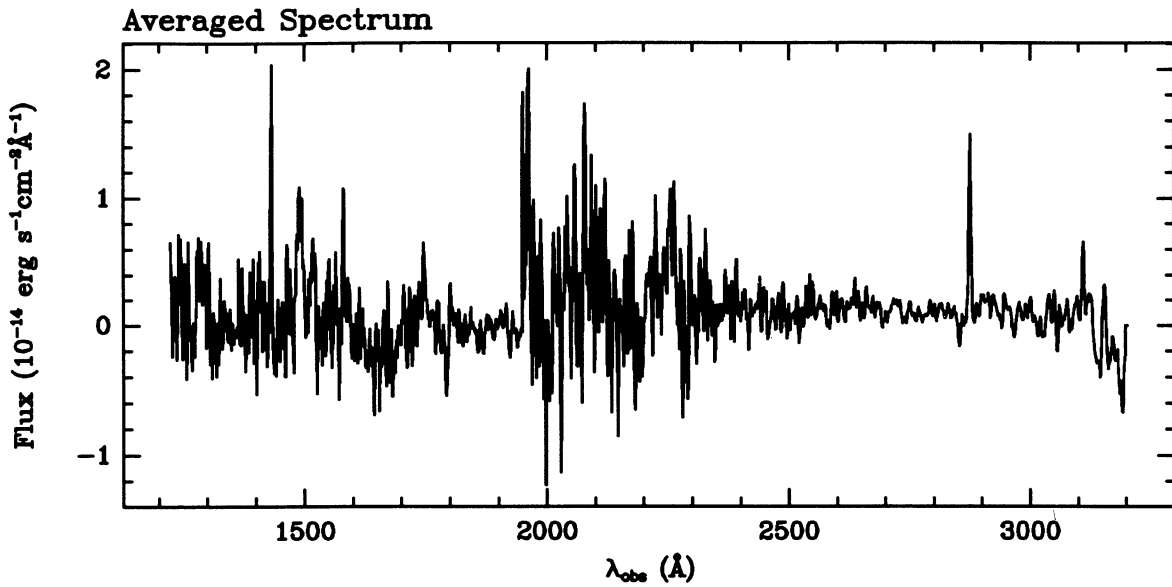
EINSTEIN	• 111	• 326	• 1211
EXOSAT	• 494	• 831	• 1659
	• 1661	• 1689	• 1690

**References**

• 400    • 621    • 776    • 801    • 817    • 832    • 842    • 930

**PG 1352+011**

Right Ascension	:	13h 52m 25.80s
Declination	:	1° 06' 50.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.121
Alternative Names	:	QSO 1352+011



**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2651 Å	3000 Å	CEB	Flag
1	LWP	8860	L	46652.0	9 Aug 86	10800.0			0.18	0.08	335	D
2	SWP	28877	L	46652.0	9 Aug 86	12000.0					03	

**X-Ray Spectra**

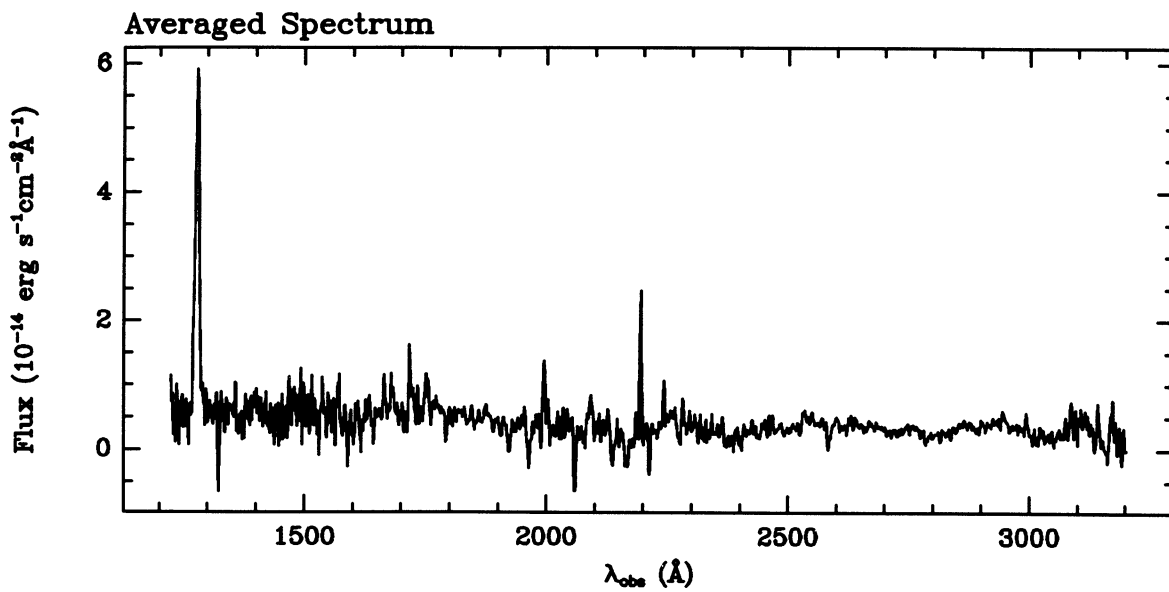
- |          |        |        |        |        |
|----------|--------|--------|--------|--------|
| EINSTEIN | • 1011 | • 1017 | • 1025 | • 1235 |
| EXOSAT   | • 69   | • 70   | • 1685 |        |

**References**

- 460    • 621    • 776    • 801    • 832

**MRK 463**

Right Ascension	:	13h 53m 39.80s
Declination	:	18° 36' 40.0"
Object Type	:	Quasar S1
ULDA Type	:	84
Redshift	:	0.051
Alternative Names	:	UGC 8850, MCG+03-36-0005

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1313 $\text{\AA}$	2312 $\text{\AA}$	CEB	Flag
1	SWP 22774 L	45808.0	17 Apr 84	25500.0	28	31.87	0.51		343	
2	LWR 17383 L	45809.0	18 Apr 84	24360.0	20	22.77		0.32	336	

**X-Ray Spectra**

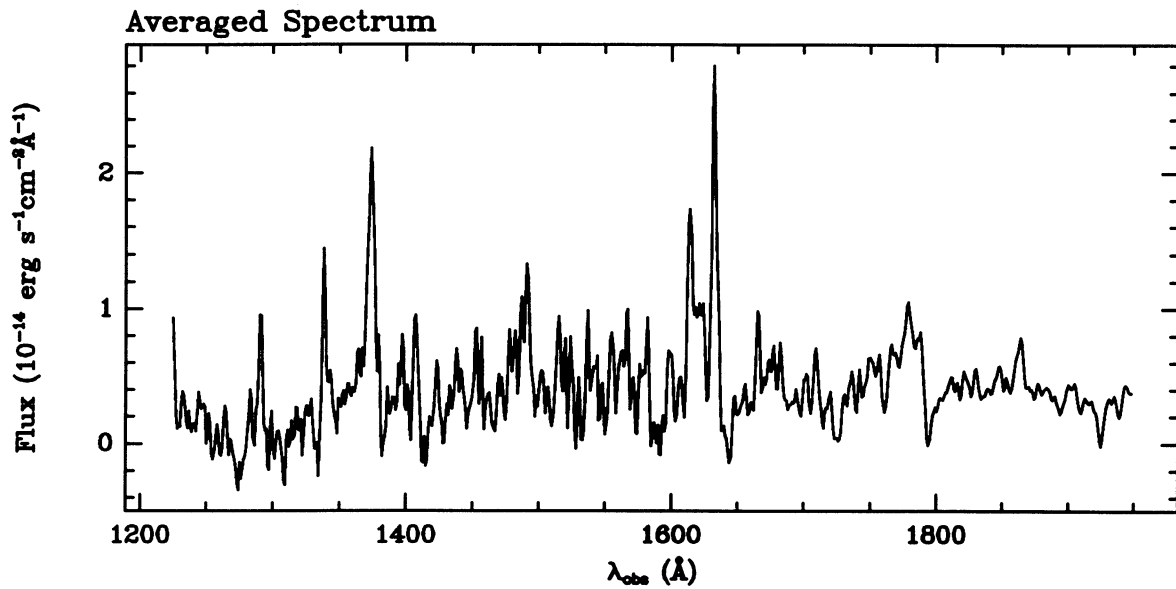
EINSTEIN	• 111	• 326	• 1211	
EXOSAT	• 494	• 831	• 1659	• 1660
	• 1661	• 1689	• 1690	

**References**

• 74	• 81	• 84	• 135	• 145	• 164	• 177	• 215
• 245	• 246	• 315	• 528	• 559	• 593	• 623	• 918

**PG 1354+195**

Right Ascension	: 13h 54m 42.17s
Declination	: 19° 33' 44.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.720
Alternative Names	: PKS 1354+195, 4C 19.44, OP 191
	: PG 1354+19, QSO 1354+195

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2150 Å	3000 Å	CEB	Flag
1	SWP 33410 L	47282.0	30 Apr 88	17100.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			305

**X-Ray Spectra**

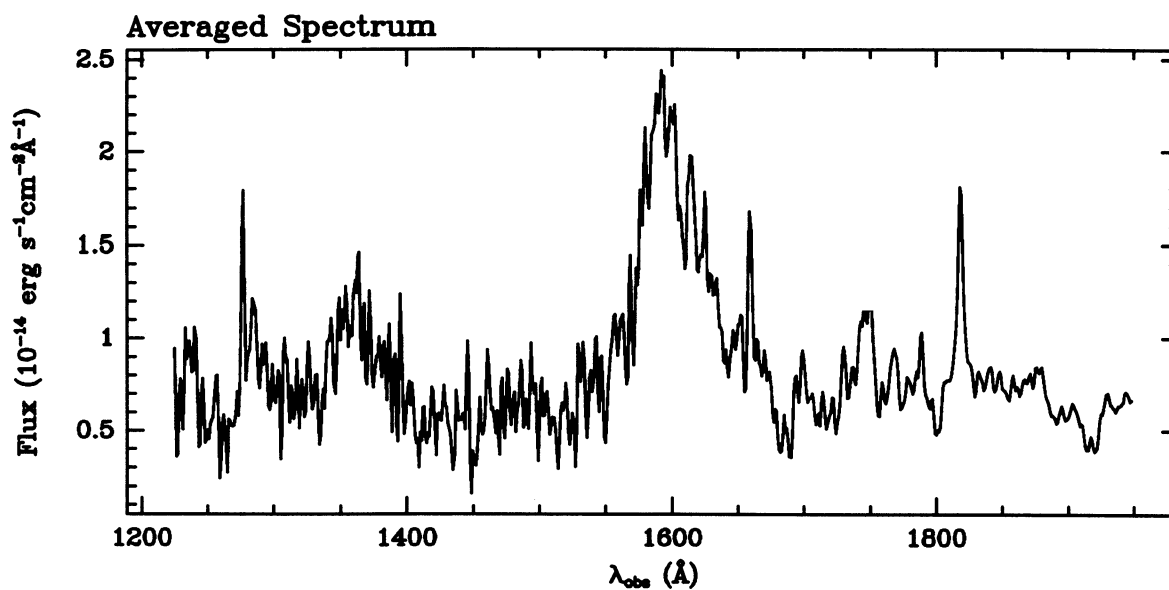
EINSTEIN           • 680                   • 1229  
 EXOSAT             • 495

**References**

• 265      • 302      • 504      • 590      • 786

## AOO PKS 1355-410

Right Ascension	: 13h 55m 57.00s
Declination	: -41° 38' 20.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.313
Alternative Names	: PKS 1355-416, QSO 1355-416



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1641 Å	2888 Å	CEB	Flag
1	SWP 16013 L	44980.0	10 Jan 82	25620.0			1.17			454

### X-Ray Spectra

EINSTEIN	• 718	• 1045
EXOSAT	• 574	• 671

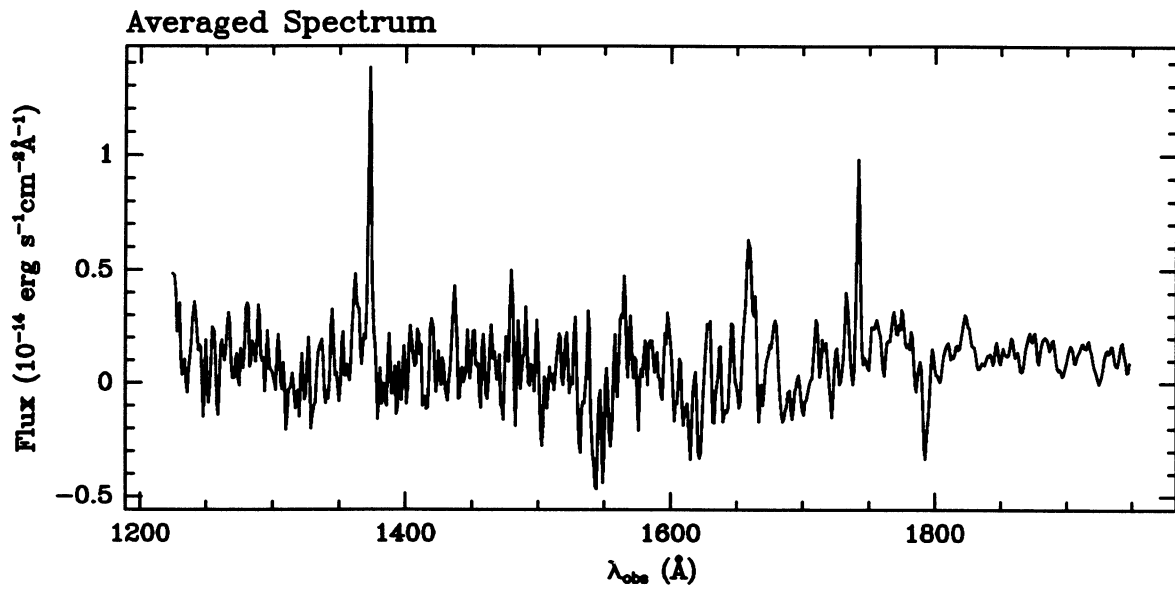
### References

- 354



**QSO 1356+581**

Right Ascension	:	13h 56m 35.81s
Declination	:	58° 06' 37.8"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.371
Alternative Names	:	4C 58.29, OP 594

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP	25769	L	46180.0	24 Apr 85	25320.0			0.08			313

**X-Ray Spectra**

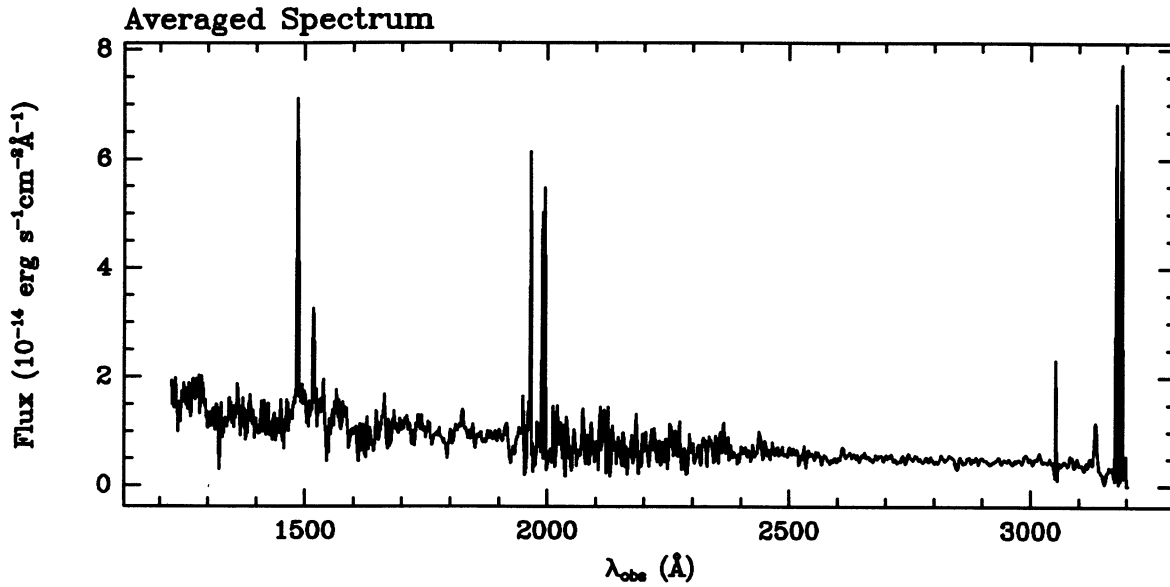
EINSTEIN • 1163

**References**

• 302

**NGC 5398**

Right Ascension	: 13h 58m 26.00s
Declination	: -32° 49' 18.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.004
Alternative Names	: ESO 384- 32, MCG-05-33-0037
	: TOL 89, UGCA 379

**Observed Spectra**

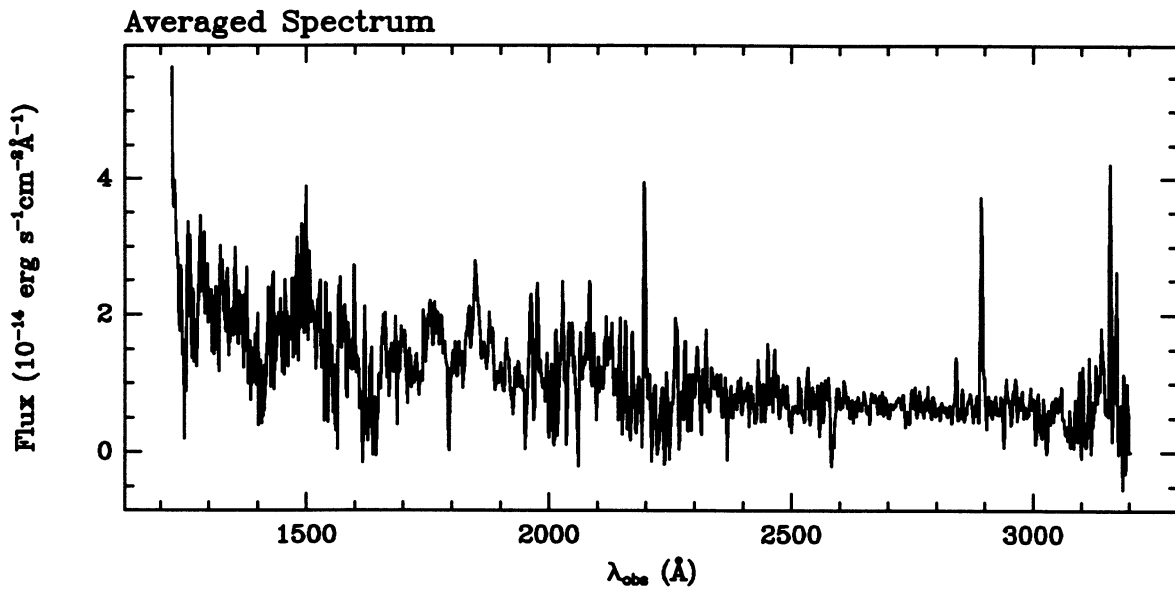
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1255 $\text{\AA}$	2208 $\text{\AA}$	CEB	Flag
1	LWP	1554	L	45105.0	15 May 82	24540.0						
2	SWP	16971	L	45106.0	16 May 82	7200.0			1.51	0.69	303	D
3	SWP	16972	L	45106.0	16 May 82	16020.0			1.71		301	
											303	

**References**

- 275
- 367
- 648

**NGC 5430 SE**

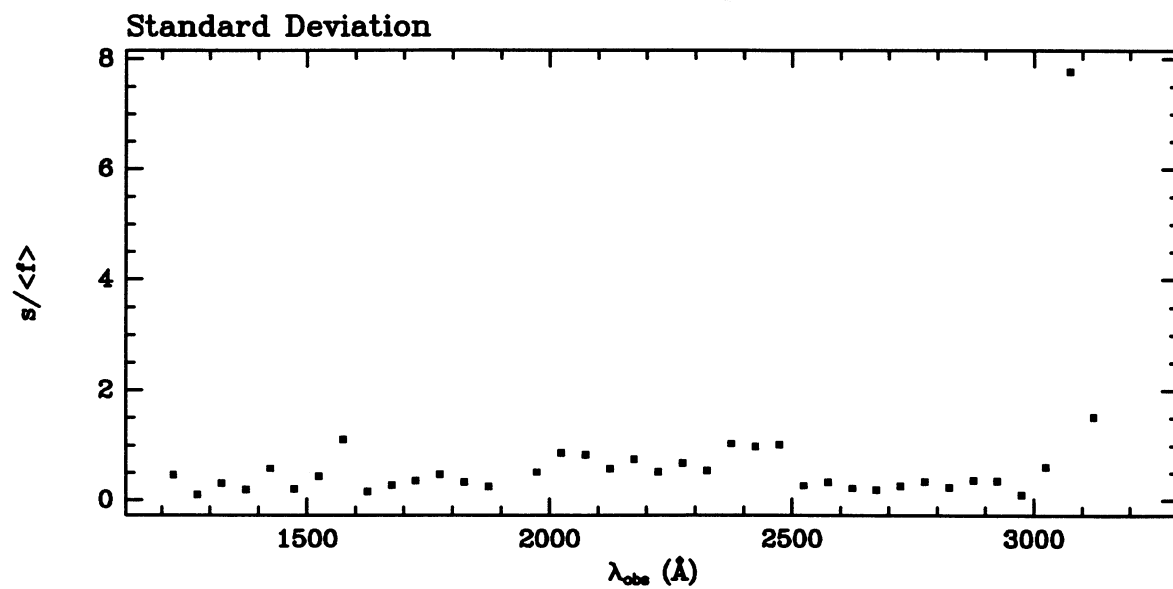
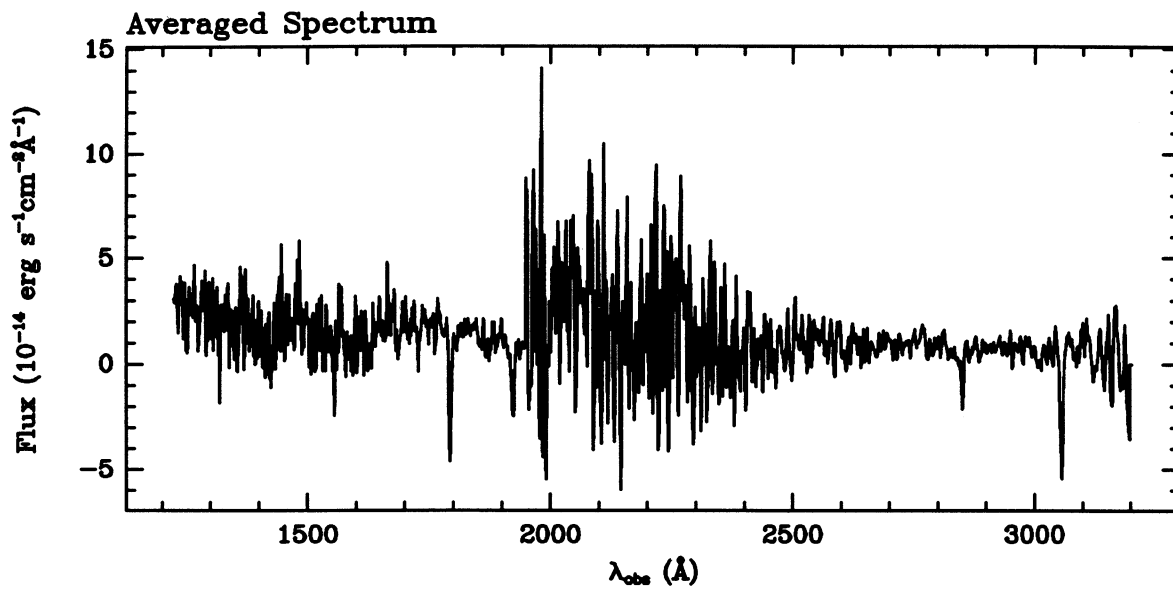
Right Ascension	:	13h 59m 08.50s
Declination	:	59° 34' 10.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	

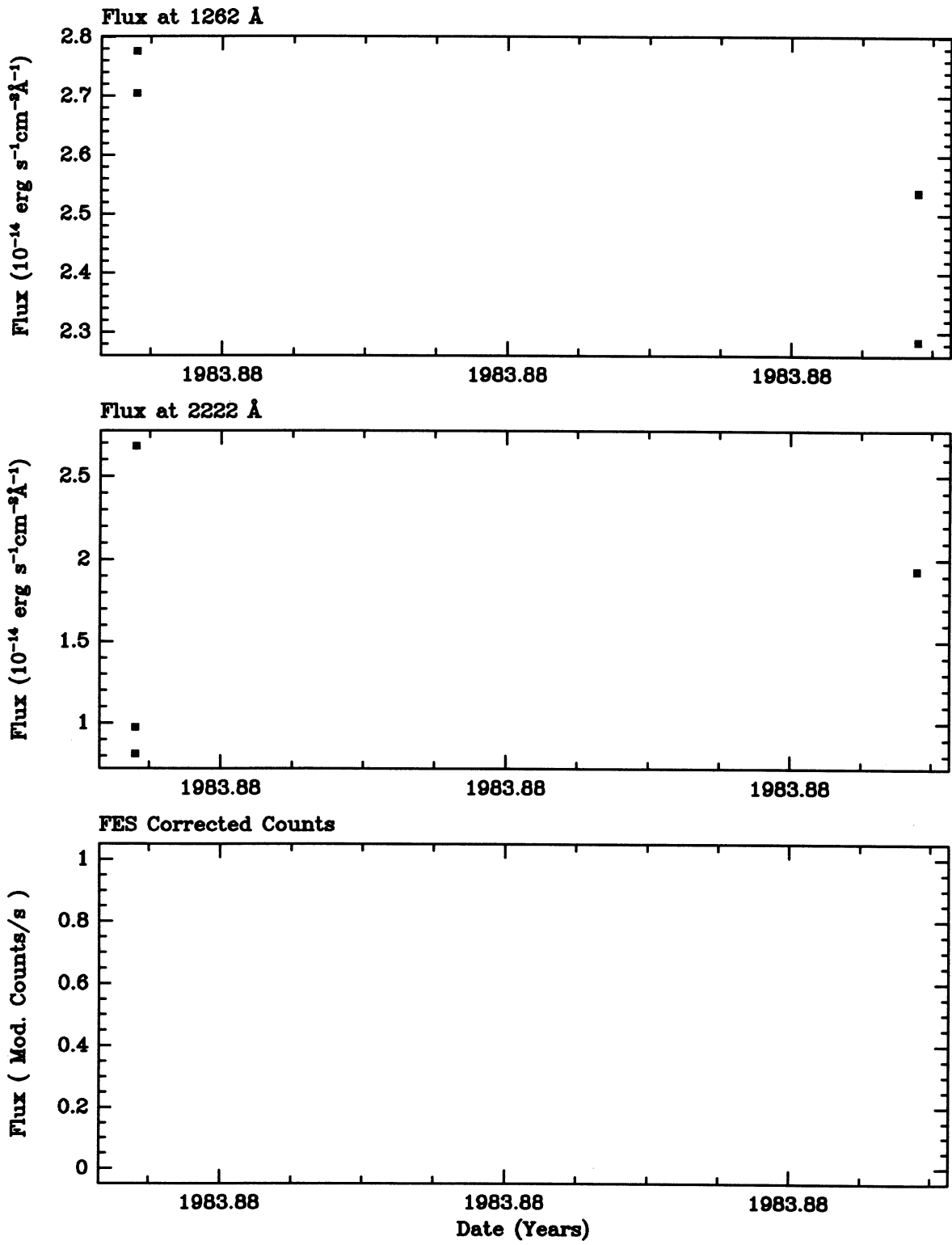
**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 16346 L	45532.0	16 Jul 83	3600.0				0.70		302
2	LWR 16347 L	45532.0	16 Jul 83	8700.0				0.76		303
3	SWP 20477 L	45532.0	16 Jul 83	3600.0			2.03			302
4	SWP 20478 L	45532.0	16 Jul 83	9000.0			2.03			307

**NGC 5430 SW**

Right Ascension	:	13h 59m 08.51s
Declination	:	59° 34' 10.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.010
Alternative Names	:	



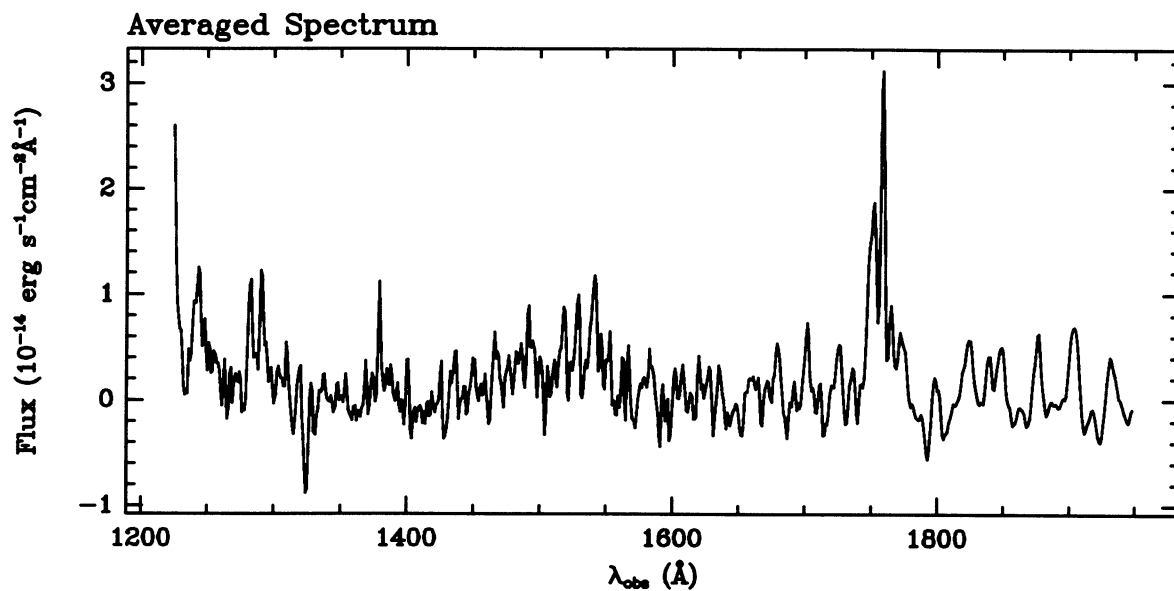


## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1262 Å	2222 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 2280 L	45656.0	17 Nov 83	9000.0			0.81	309	D	
2	LWP 2281 L	45656.0	17 Nov 83	2160.0			2.68	309	D	
3	LWP 2282 L	45656.0	17 Nov 83	7200.0			0.98	309	D	
4	SWP 21566 L	45656.0	17 Nov 83	2400.0			2.78	309		
5	SWP 21567 L	45656.0	17 Nov 83	1800.0			2.70	308		
6	LWP 2294 L	45658.0	19 Nov 83	2400.0			1.93	309	D	
7	SWP 21575 L	45658.0	19 Nov 83	5400.0			2.29	308		
8	SWP 21577 L	45658.0	19 Nov 83	6900.0			2.54	309		

**AOO TOL 41**

Right Ascension	:	14h 00m 04.00s
Declination	:	-29° 59' 45.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.023
Alternative Names	:	



**Observed Spectra**

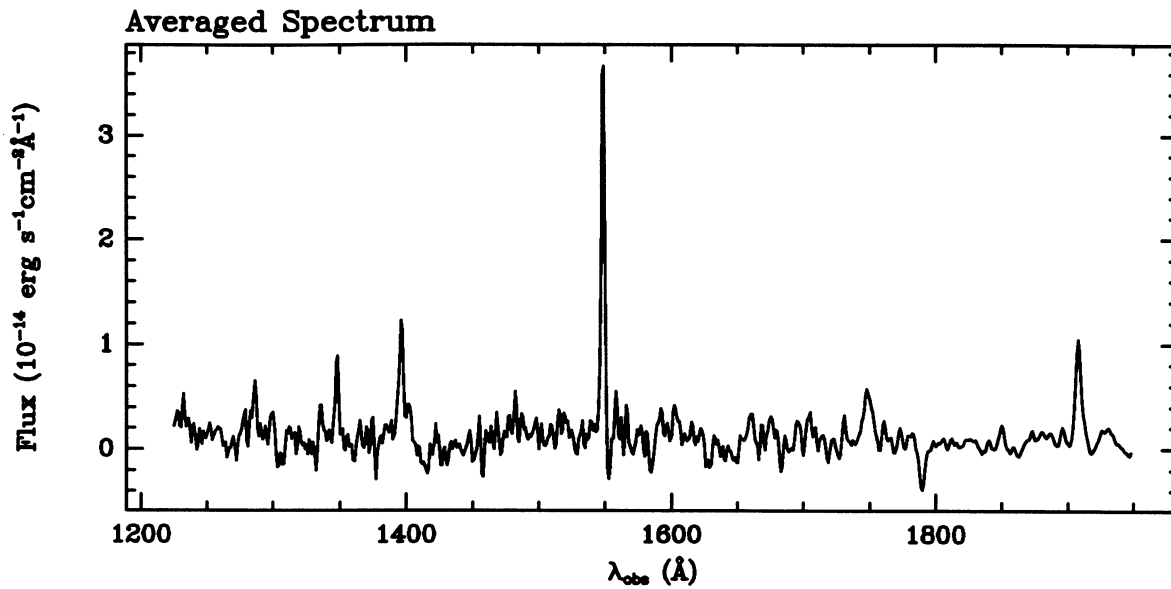
#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1278 Å	2250 Å	CEB	Flag
1	SWP 23053 L	45841.0	20 May 84	23820.0			0.33			234

**References**

- 682

**AOO 1401 +12**

Right Ascension	:	14h 00m 10.50s
Declination	:	11° 26' 53.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

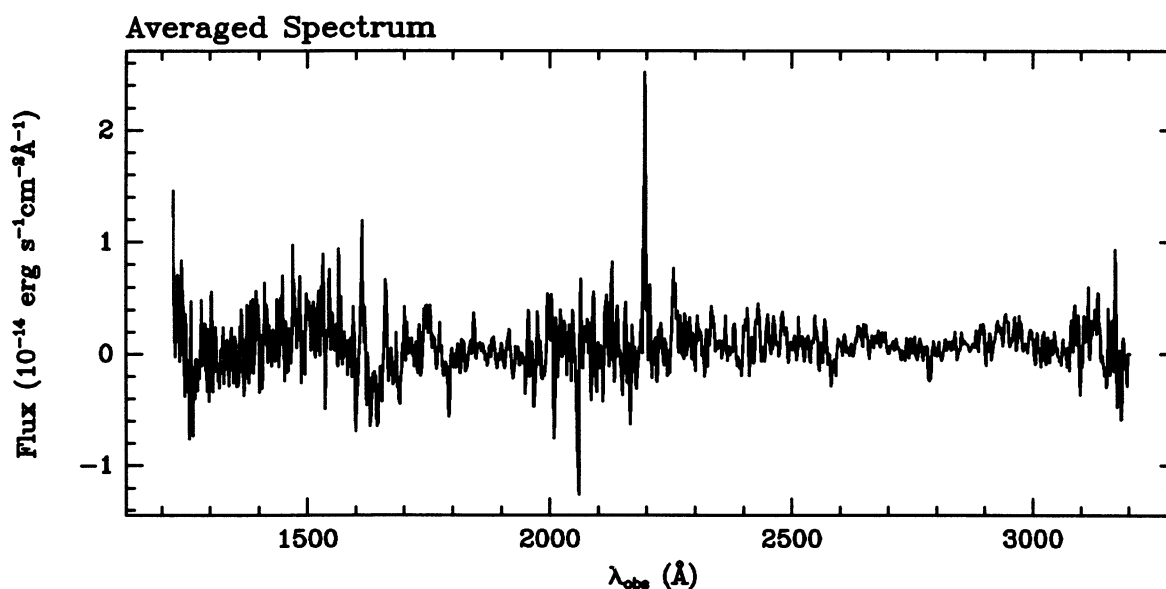
**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP	14545	L	44809.0	23 Jul 81	25200.0			0.19			223



**NGC 5466**

Right Ascension	:	14h 04m 45.70s
Declination	:	28° 41' 29.3"
Object Type	:	Quasar S1
ULDA Type	:	86
Redshift	:	0.077
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1346 Å	2369 Å	CEB	Flag
1	LWR 13954 L	45197.0	15 Aug 82	12600.0	17	18.13				03
2	SWP 17692 L	45197.0	15 Aug 82	10800.0	17	18.13		0.06		02

**X-Ray Spectra**

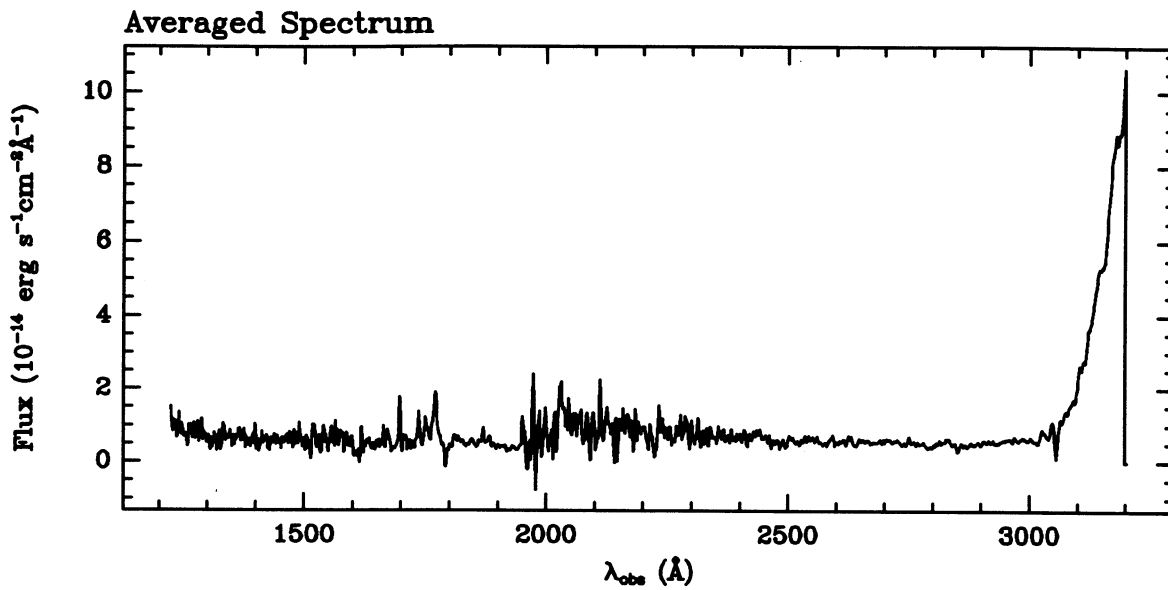
<b>EINSTEIN</b>	• 363	• 377	• 1220
<b>EXOSAT</b>	• 15	• 487	• 1359
	• 1361	• 1362	• 1360

**References**

- 332

**PG 1407+265**

Right Ascension	:	14h 07m 07.70s
Declination	:	26° 32' 30.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.944
Alternative Names	:	QSO 1407+265

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2430 Å	3000 Å	CEB	Flag
1	SWP 19858 L	45455.0	30 Apr 83	21360.0					332	
2	LWP 9733 L	46784.0	19 Dec 86	24000.0			0.72	0.61	409	D

**X-Ray Spectra**

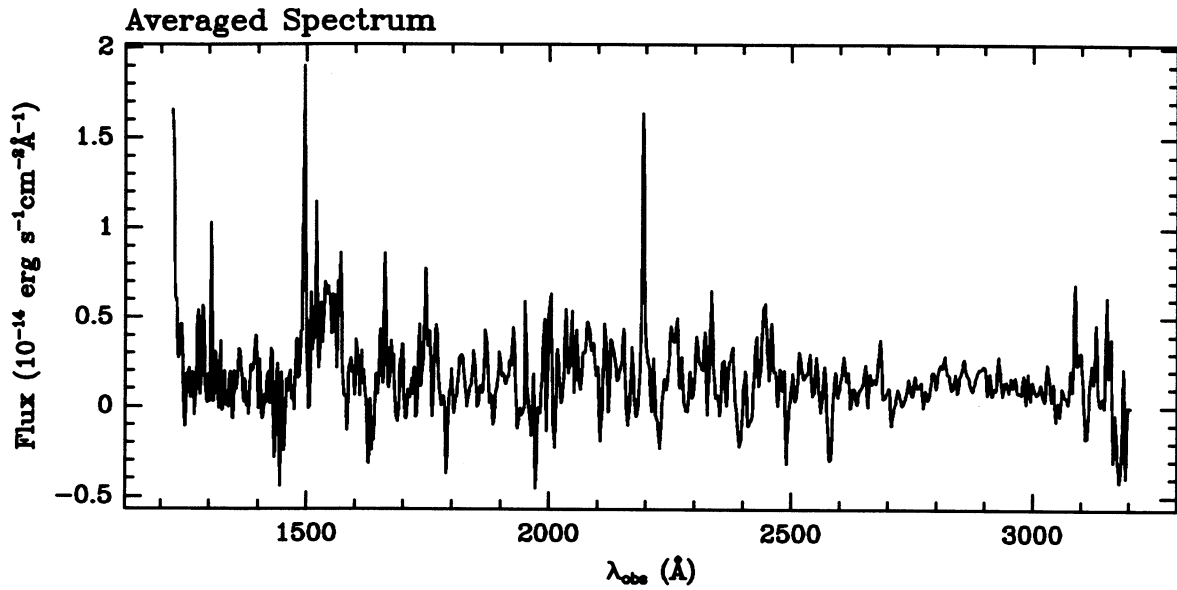
EINSTEIN	• 73	• 75	• 76	• 102
	• 691	• 698	• 985	• 1215
	• 1221	• 1222		
EXOSAT	• 1353	• 1354	• 2074	

**References**

• 621    • 741    • 776    • 801    • 823    • 830    • 832

**NGC 5506**

Right Ascension	: 14h 10m 39.10s
Declination	: - 2° 58' 26.0"
Object Type	: Seyfert 2
ULDA Type	: 88
Redshift	: 0.007
Alternative Names	: MCG+00-36-0028, H 1411-03.1, MRK 1376, IRAS 14106-0258
	: UGCA 387, 1E 1410.6-0258, 4U 1410-03, 2A 1410-029



**Observed Spectra**

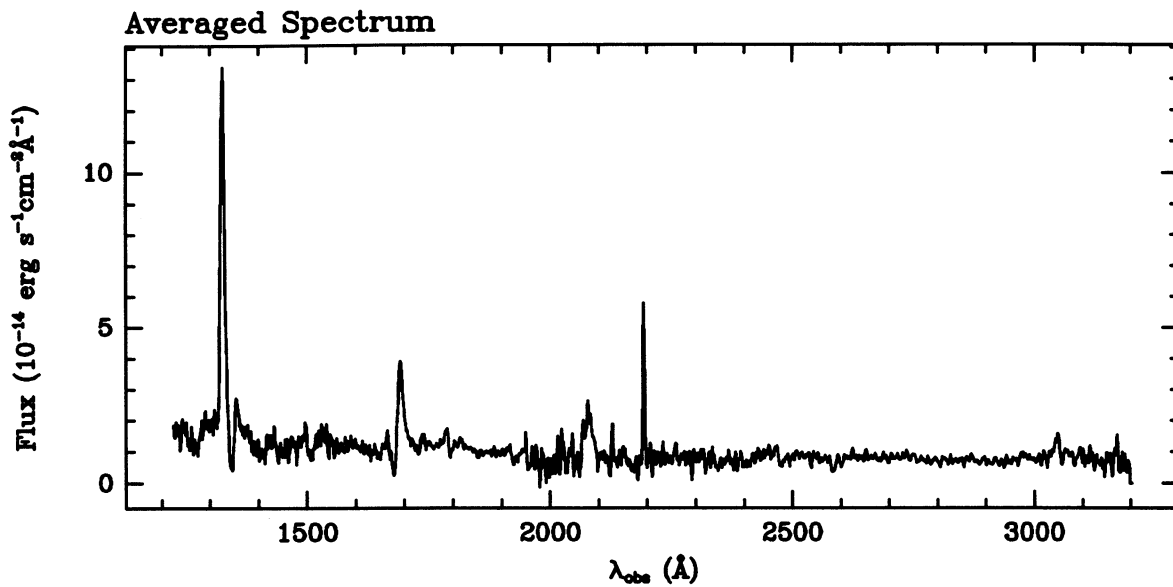
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
1	SWP 5935 L	44079.0	24 Jul 79	24300.0	31	31.36	0.20		22	
2	LWR 5174 L	44081.0	26 Jul 79	13200.0				0.24	23	

**References**

- 33      • 63      • 85      • 94      • 136      • 144      • 145      • 164
- 177     • 284     • 315     • 359     • 396     • 424     • 453     • 464
- 475     • 490     • 528     • 536     • 607     • 664     • 666     • 712
- 717     • 776     • 821     • 841

**PG 1411+442**

Right Ascension	: 14h 11m 50.10s
Declination	: 44° 14' 12.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.089
Alternative Names	: QSO 1411+442, PB 1732

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1361 Å	2395 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	12504	L	45005.0	4 Feb 82	5400.0						302
2	SWP	19314	L	45389.0	23 Feb 83	5280.0			1.54	0.77		242
3	LWP	6636	L	46289.0	11 Aug 85	13200.0				0.62		426 D
4	SWP	26588	L	46289.0	11 Aug 85	10200.0			1.36			333
5	SWP	34803	L	47488.0	22 Nov 88	20400.0	16	26.58	1.88			3x6

**X-Ray Spectra**

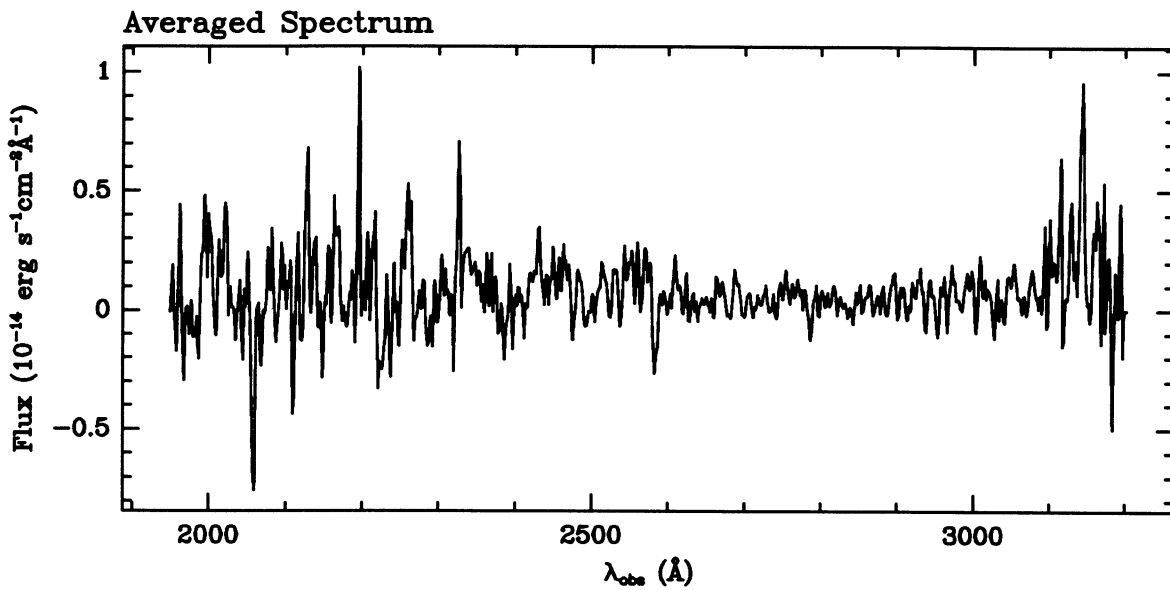
EINSTEIN • 644

**References**

• 474 • 619 • 621 • 634 • 723 • 816 • 832

### QSO 1413+117

Right Ascension	:	14h 13m 20.09s
Declination	:	11° 43' 38.1"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.546
Alternative Names	:	HAZARD, H 1413+11.7



### Observed Spectra

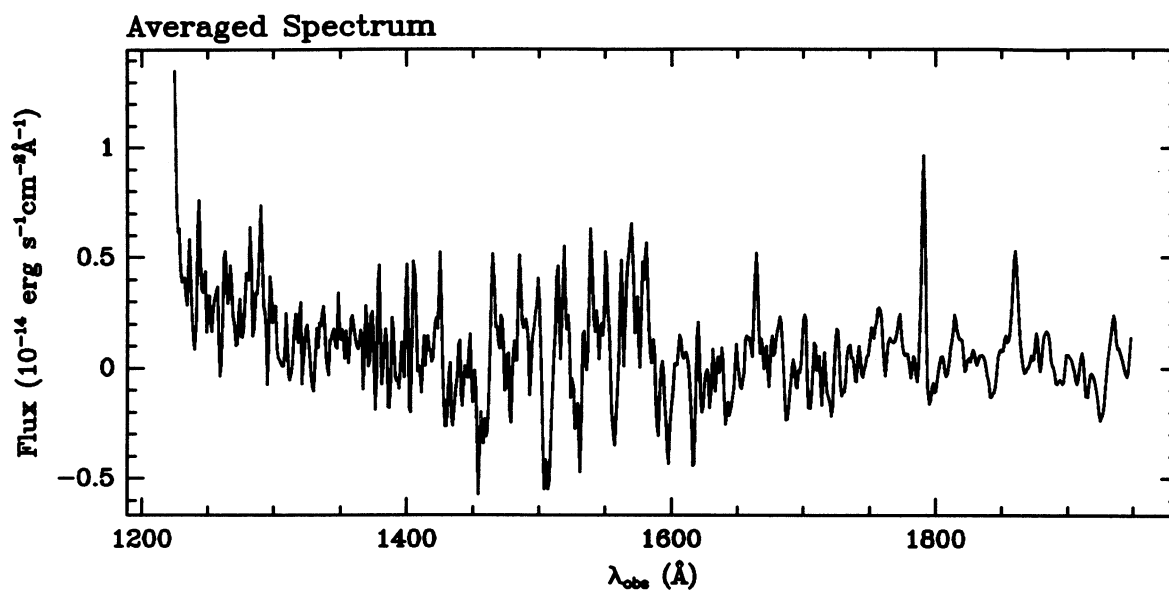
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 10944 L	44780.0	24 Jun 81	22320.0				0.08		205

### References

- 302      • 318      • 505      • 574      • 803

## QSO 1413+135

Right Ascension	:	14h 13m 33.91s
Declination	:	13° 34' 17.4"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.260
Alternative Names	:	



### Observed Spectra

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1575 Å	2772 Å	CEB	Flag
1	SWP	25975	L	46205.0	19 May 85	24000.0						06

### X-Ray Spectra

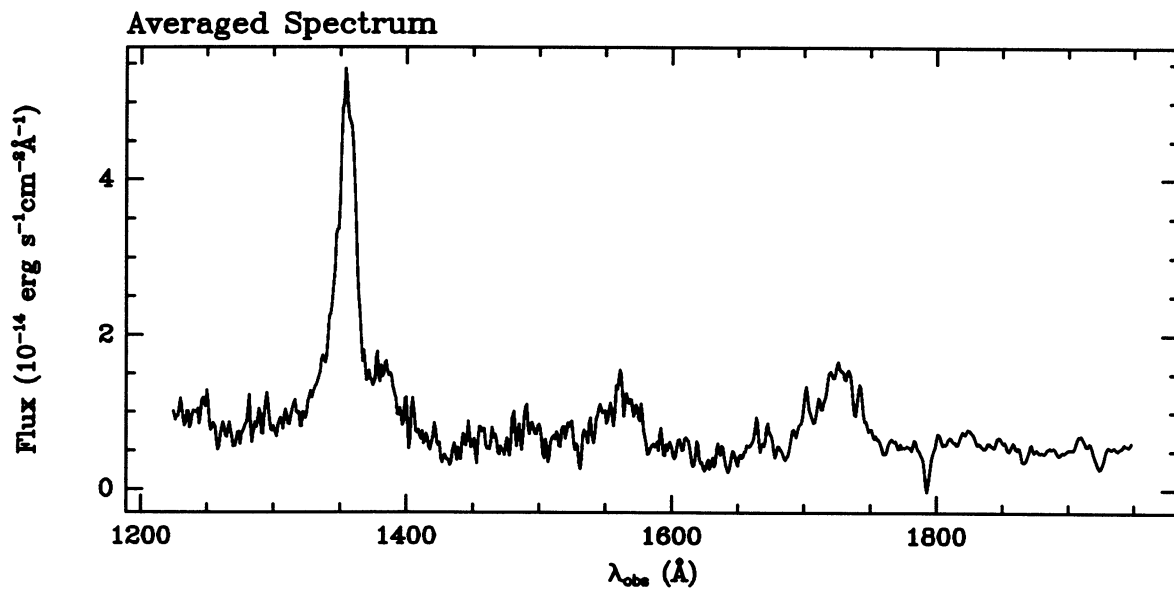
EINSTEIN            • 681                    • 1231                    • 1233

### References

• 291            • 564            • 698

**QSO 1415+451**

Right Ascension	:	14h 15m 04.30s
Declination	:	45° 09' 57.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.114
Alternative Names	:	PG 1415+451, CSO 622

**Observed Spectra**

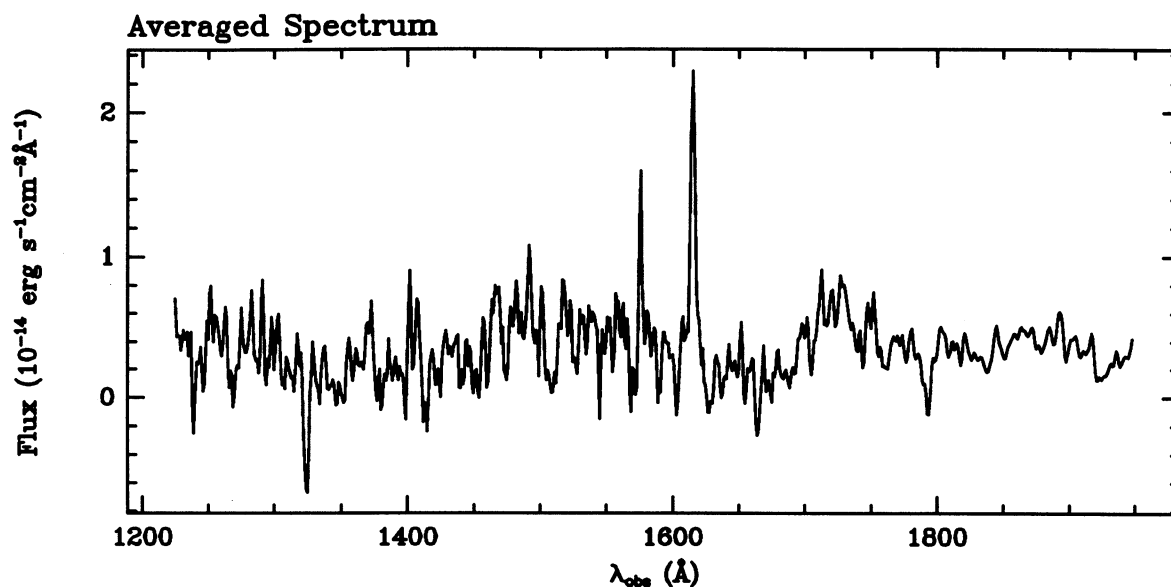
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1392 Å	2450 Å	CEB	Flag
1	SWP 25885 L	46194.0	8 May 85	22800.0			1.12			353
2	SWP 25892 L	46195.0	9 May 85	23700.0			1.21			353

**References**

- 621
- 832
- 842
- 930

**IC 4397**

Right Ascension	: 14h 15m 06.10s
Declination	: 27° 05' 15.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.036
Alternative Names	: UGC 9150, MCG+05-34-0012
	: MRK 673, EQ 1415+266

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1295 Å	2279 Å	CEB	Flag
1	SWP 22490 L	45775.0	15 Mar 84	23580.0	29	32.87	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		302	D

**X-Ray Spectra**

EINSTEIN	• 73	• 76	• 102	• 683
	• 691	• 985		
EXOSAT	• 1353	• 1354		

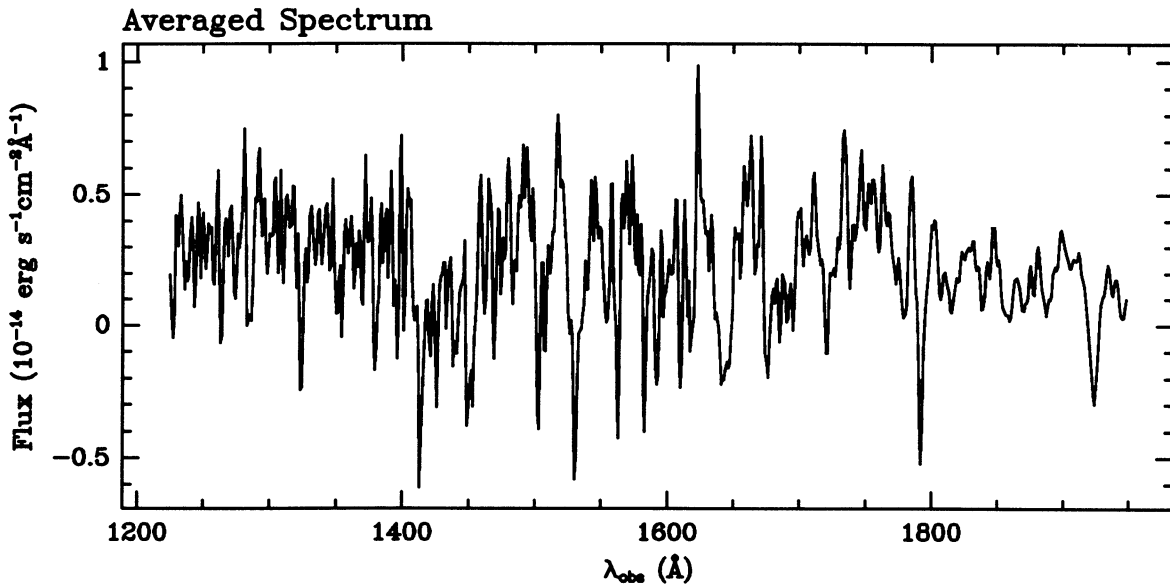
**References**

• 135      • 215      • 246      • 559



**AOO X 1415 +259**

Right Ascension	: 14h 15m 41.10s
Declination	: 25° 57' 14.0"
Object Type	: BL Lac
ULDA Type	: 87
Redshift	: 0.237
Alternative Names	: EQ 1415+259



**Observed Spectra**

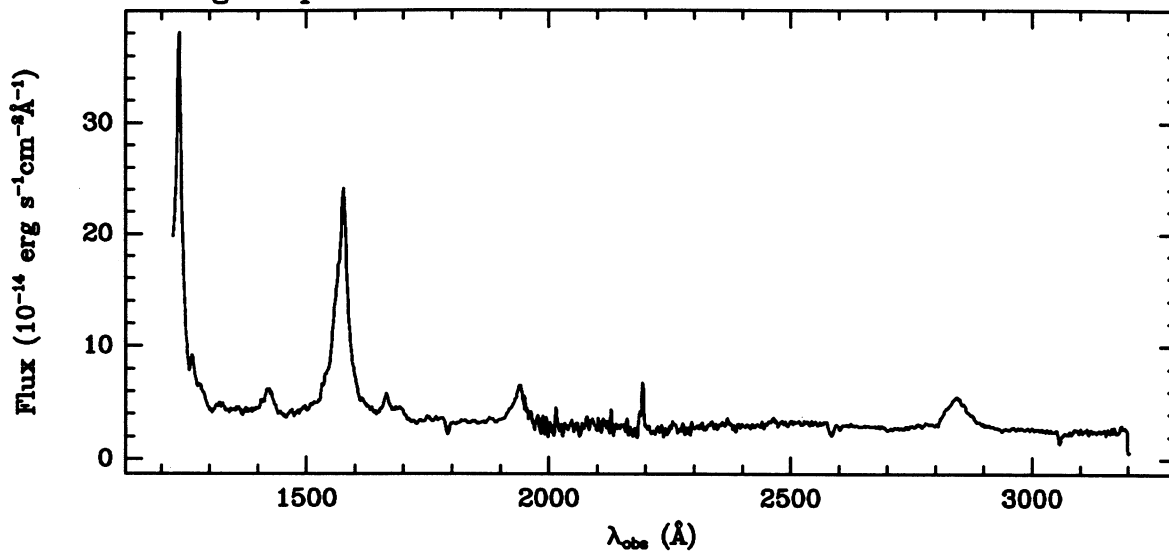
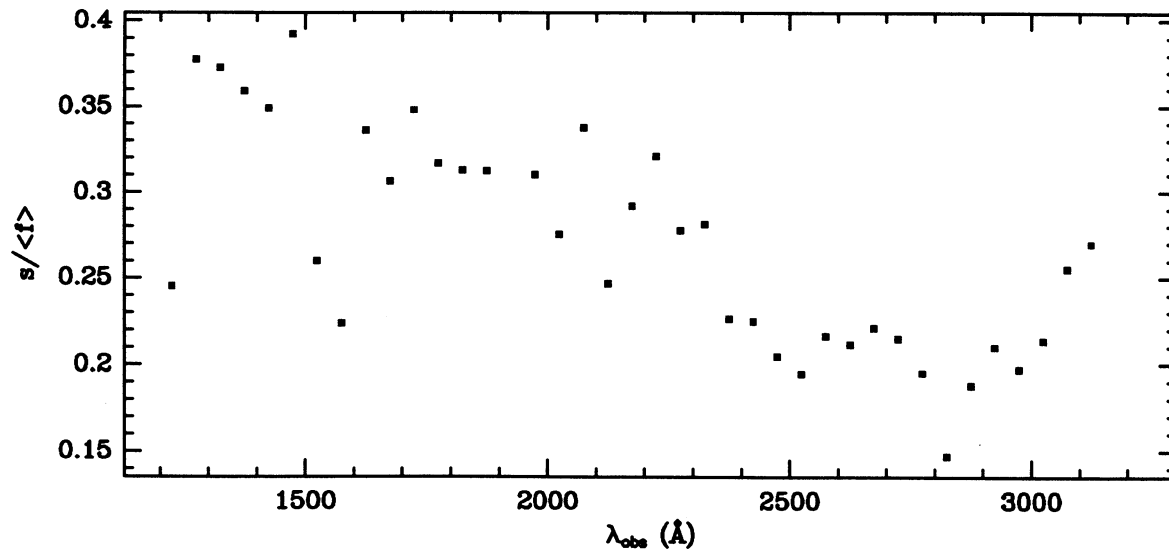
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1546 Å	2721 Å	CEB	Flag
1	SWP 29948 L	46788.0	23 Dec 86	20220.0			10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>	0.18		307

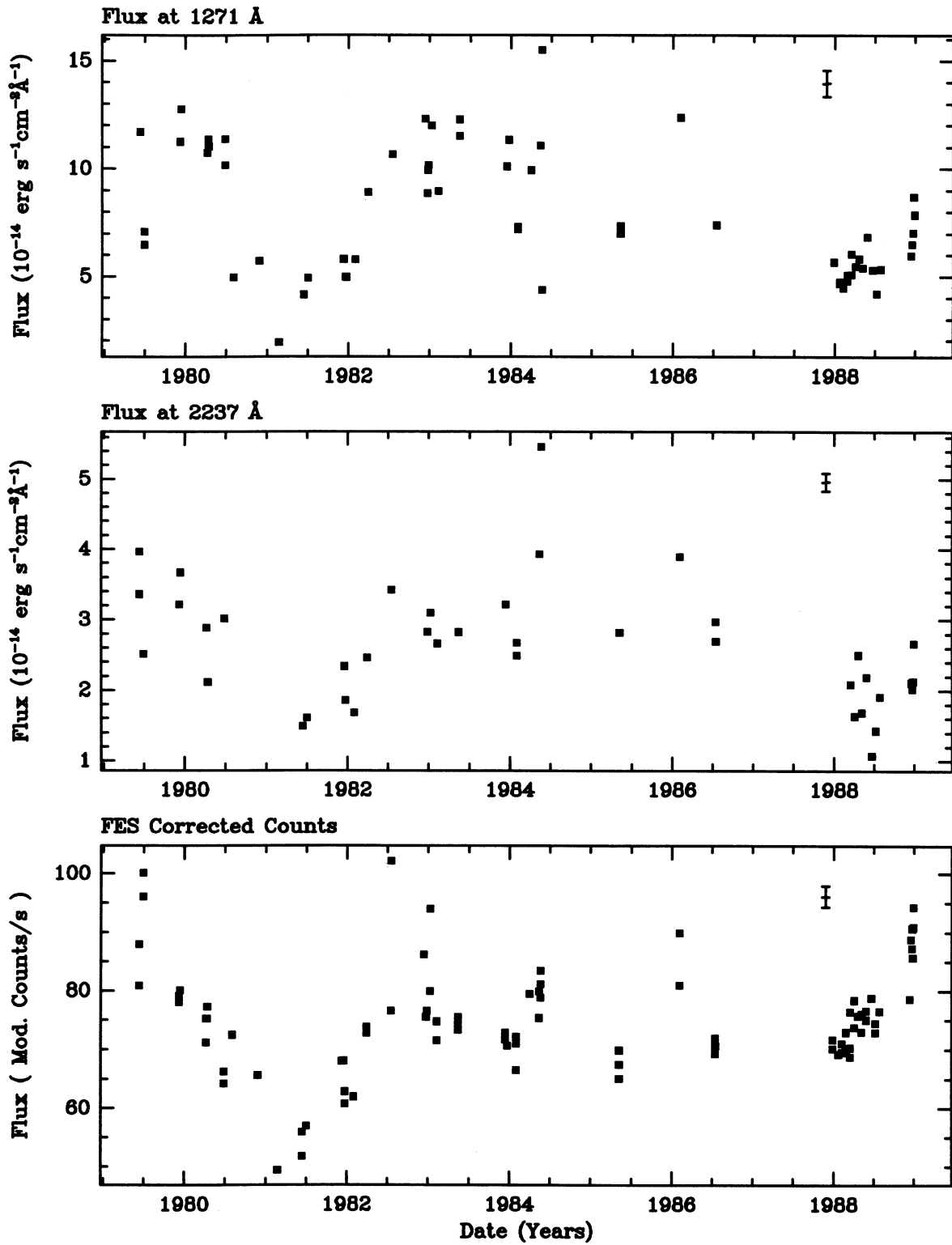
**X-Ray Spectra**

EINSTEIN	• 698	• 1073	• 1221	
EXOSAT	• 535	• 620	• 789	• 907
	• 1349	• 1433	• 1630	• 1658
	• 1683	• 1699	• 2013	• 2073
	• 2074			

**NGC 5548**

Right Ascension	: 14h 15m 42.14s
Declination	: 25° 22' 00.2"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.017
Alternative Names	: UGC 9149, MCG+04-34-0013, 4U 1414+25
	: H 1416+25.6, IRAS 14156+2522, 2A 1415+255

**Averaged Spectrum****Standard Deviation**



## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	4768	L	44037.0	12 Jun 79	3300.0				3.36		4x9
2	LWR	4769	L	44037.0	12 Jun 79	2099.0	80	80.90		3.97		445
3	SWP	5500	L	44037.0	12 Jun 79	2400.0	87	87.98	11.70			339
4	SWP	5687	L	44055.0	30 Jun 79	9000.0	99	100.14	7.11			46
5	LWR	4929	L	44056.0	1 Jul 79	3600.0	95	96.09		2.52		45
6	SWP	5688	L	44056.0	1 Jul 79	2400.0	95	96.09	6.49			23
7	SWP	5689	L	44056.0	1 Jul 79	1800.0	95	96.09	6.48			23
8	LWR	6334	L	44216.0	8 Dec 79	11700.0	77	78.08		3.22		5x4
9	SWP	7345	L	44216.0	8 Dec 79	11700.0	78	79.10	11.26			4x3
10	LWR	6383	L	44221.0	13 Dec 79	5400.0				3.67		442
11	SWP	7393	L	44221.0	13 Dec 79	2999.0	79	80.12	12.76			350
12	LWR	7464	L	44339.0	9 Apr 80	4800.0	70	71.20		2.89		465
13	SWP	8708	L	44339.0	9 Apr 80	5400.0	74	75.26	10.74			352
14	SWP	8751	L	44343.0	13 Apr 80	3000.0	74	75.27	11.36			339
15	LWR	7498	L	44344.0	14 Apr 80	1800.0				2.12		343
16	SWP	8752	L	44344.0	14 Apr 80	2400.0	76	77.31	11.04			343
17	LWR	8131	L	44418.0	27 Jun 80	3600.0				3.02		453
18	SWP	9379	L	44418.0	27 Jun 80	10800.0	63	64.23	11.36			471
19	SWP	9380	L	44418.0	27 Jun 80	1920.0	65	66.27	10.16			341
20	SWP	9679	L	44455.0	3 Aug 80	4080.0	71	72.48	4.97			341
21	SWP	10692	L	44571.0	27 Nov 80	10800.0	64	65.63	5.73			351
22	SWP	13354	L	44660.0	24 Feb 81	3780.0	48	49.42	1.91			331
23	LWR	10850	L	44770.0	14 Jun 81	3600.0	54	55.91		1.50		243
24	SWP	14253	L	44770.0	14 Jun 81	3600.0	50	51.77	4.15			231
25	LWR	11009	L	44790.0	4 Jul 81	4500.0	55	57.01		1.62		353
26	SWP	14398	L	44790.0	4 Jul 81	5400.0	55	57.01	4.93			340
27	SWP	15701	L	44949.0	10 Dec 81	3600.0	65	68.04	5.81			341
28	LWR	12164	L	44957.0	18 Dec 81	3600.0				2.34		343
29	SWP	15792	L	44957.0	18 Dec 81	3600.0	65	68.08	4.99			340
30	LWR	12193	L	44962.0	23 Dec 81	4800.0	60	62.86		1.86		353
31	SWP	15855	L	44962.0	23 Dec 81	5400.0	58	60.77	4.97			351
32	LWR	12490	L	45002.0	1 Feb 82	4200.0	59	61.98		1.69		443
33	SWP	16233	L	45002.0	1 Feb 82	5160.0	59	61.98	5.80			430
34	LWR	12904	L	45059.0	30 Mar 82	3600.0	69	72.79		2.46		503
35	SWP	16667	L	45059.0	30 Mar 82	4980.0	70	73.85	8.91			351
36	LWR	13717	L	45170.0	19 Jul 82	1800.0	96	102.16		3.42		339
37	SWP	17445	L	45170.0	19 Jul 82	9000.0	72	76.62	10.66			352
38	SWP	18782	L	45316.0	12 Dec 82	1800.0	80	86.22	12.30			330
39	SWP	18857	L	45326.0	22 Dec 82	1800.0	70	75.51	8.86			330
40	SWP	18890	L	45329.0	25 Dec 82	9000.0	70	75.53	9.93			343
41	LWR	14920	L	45330.0	26 Dec 82	3600.0				2.83		453
42	SWP	18892	L	45330.0	26 Dec 82	3600.0	71	76.62	10.16			351
43	SWP	18893	S	45330.0	26 Dec 82	3600.0						331
44	LWR	15025	L	45344.0	9 Jan 83	3600.0	87	94.01		3.10		452
45	SWP	18976	L	45344.0	9 Jan 83	4200.0	74	79.96	11.98			351
46	SWP	18976	S	45344.0	9 Jan 83	2400.0						231
47	LWR	15220	L	45375.0	9 Feb 83	5100.0	66	71.53		2.67		454
48	SWP	19231	L	45375.0	9 Feb 83	5100.0	69	74.78	8.96			350
49	LWR	15949	L	45470.0	15 May 83	6000.0	68	74.40		2.83		564
50	LWR	15950	L	45470.0	15 May 83	5700.0				2.83		564
51	SWP	19990	L	45470.0	15 May 83	6000.0	67	73.31	11.52			350
52	SWP	19991	L	45470.0	15 May 83	5880.0	69	75.50	12.27			350
53	LWP	2406	L	45682.0	13 Dec 83	4200.0	65	72.83		3.22		463 D
54	SWP	21761	L	45682.0	13 Dec 83	4800.0	64	71.71	10.10			350
55	SWP	21864	L	45693.0	24 Dec 83	5400.0	63	70.68	11.33			351
56	SWP	21864	S	45693.0	24 Dec 83	840.0						121
57	LWP	2726	L	45732.0	1 Feb 84	3600.0	59	66.51		2.68		351 D
58	LWP	2727	L	45732.0	1 Feb 84	5400.0	64	72.15		2.49		461 D
59	SWP	22178	L	45732.0	1 Feb 84	5400.0	59	66.51	7.32			351
60	SWP	22179	L	45732.0	1 Feb 84	5760.0	63	71.02	7.20			351
61	SWP	22652	L	45793.0	2 Apr 84	7800.0	70	79.52	9.93			355
62	LWP	3365	L	45835.0	14 May 84	6000.0	66	75.39		3.93		453 D
63	SWP	23018	L	45835.0	14 May 84	9000.0	70	79.96	11.08			354
64	LWP	3399	L	45842.0	21 May 84	4200.0	69	78.89		5.46		553 D
65	SWP	23065	L	45842.0	21 May 84	4800.0	71	81.18	15.51			351
66	SWP	23066	L	45842.0	21 May 84	1740.0	73	83.47	4.38			230

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
67	LWP	5948	L	46196.0	10 May 85	3600.0	56	67.50			453	D
68	SWP	25902	L	46196.0	10 May 85	6000.0	54	65.09	7.02		361	
69	SWP	25903	L	46196.0	10 May 85	10200.0	58	69.92	7.37		561	
70	LWP	7635	L	46468.0	6 Feb 86	4500.0	64	81.03		3.90	561	D
71	SWP	27673	L	46468.0	6 Feb 86	5640.0	71	89.89	12.37		451	
72	LWP	8648	L	46629.0	17 Jul 86	3900.0	53	69.35		2.98	451	D
73	SWP	28699	L	46629.0	17 Jul 86	5400.0	53	69.35	7.42		353	
74	SWP	28700	L	46629.0	17 Jul 86	9900.0	55	71.96	7.38		472	
75	LWP	8649	L	46630.0	18 Jul 86	5460.0	54	70.67		2.70	573	D
76	SWP	32636	L	47159.0	29 Dec 87	6600.0	47	70.24	5.69		350	
77	SWP	32637	L	47159.0	29 Dec 87	2700.0	48	71.73	5.68		340	
78	SWP	32775	L	47185.0	24 Jan 88	6600.0	46	69.27	4.69		350	
79	SWP	32776	L	47185.0	24 Jan 88	1740.0	46	69.27	4.76		330	
80	SWP	32883	L	47200.0	8 Feb 88	7200.0	46	69.58	4.48		351	
81	SWP	32884	L	47200.0	8 Feb 88	900.0	47	71.09	4.55		230	
82	SWP	32992	L	47219.0	27 Feb 88	6000.0	48	73.02	5.07		451	
83	SWP	32993	L	47219.0	27 Feb 88	2100.0	46	69.97	4.81		341	
84	LWP	12863	L	47237.0	16 Mar 88	3600.0	45	68.83		2.09	452	
85	SWP	33097	L	47237.0	16 Mar 88	6000.0	46	70.36	6.06		352	
86	SWP	33098	L	47237.0	16 Mar 88	1080.0	50	76.48	5.11		230	
87	LWP	12987	L	47257.0	5 Apr 88	3000.0	51	78.48		1.64	453	
88	SWP	33210	L	47257.0	5 Apr 88	5400.0	48	73.87	5.48		351	
89	LWP	13084	L	47273.0	21 Apr 88	2700.0	49	75.78		2.51	342	
90	SWP	33327	L	47273.0	21 Apr 88	5400.0	49	75.78	5.83		351	
91	LWP	13174	L	47289.0	7 May 88	2400.0	47	73.05		1.69	342	
92	SWP	33476	L	47289.0	7 May 88	6000.0	49	76.16	5.41		351	
93	LWP	13327	L	47311.0	29 May 88	3000.0	48	75.13		2.19	453	
94	SWP	33667	L	47311.0	29 May 88	6000.0	49	76.69	6.87		351	
95	LWP	13488	L	47335.0	22 Jun 88	2700.0	50	78.87		1.08	351	
96	SWP	33798	L	47335.0	22 Jun 88	5700.0	50	78.87	5.32		350	
97	LWP	13601	L	47352.0	9 Jul 88	3300.0	47	74.54		1.44	451	
98	SWP	33888	L	47352.0	9 Jul 88	6600.0	46	72.96	4.22		350	
99	LWP	13751	L	47371.0	28 Jul 88	3000.0	48	76.61		1.92	353	
100	SWP	33975	L	47371.0	28 Jul 88	6000.0	48	76.61	5.35		351	
101	SWP	35029	L	47510.0	14 Dec 88	5220.0	47	78.70	5.99		350	
102	LWP	14664	L	47514.0	18 Dec 88	3900.0	53	88.88		2.12	452	
103	SWP	35070	L	47514.0	18 Dec 88	5400.0	53	88.88	6.53		341	
104	LWP	14693	L	47518.0	22 Dec 88	3900.0	54	90.68		2.02	452	D
105	SWP	35097	L	47518.0	22 Dec 88	5400.0	52	87.33	7.05		351	
106	LWP	14721	L	47522.0	26 Dec 88	3600.0	54	90.82		2.13	450	
107	SWP	35138	L	47522.0	26 Dec 88	5400.0	51	85.77	8.72		350	
108	LWP	14744	L	47526.0	30 Dec 88	3000.0	56	94.32		2.67	452	
109	SWP	35190	L	47526.0	30 Dec 88	5400.0	54	90.95	7.89		350	

## X-Ray Spectra

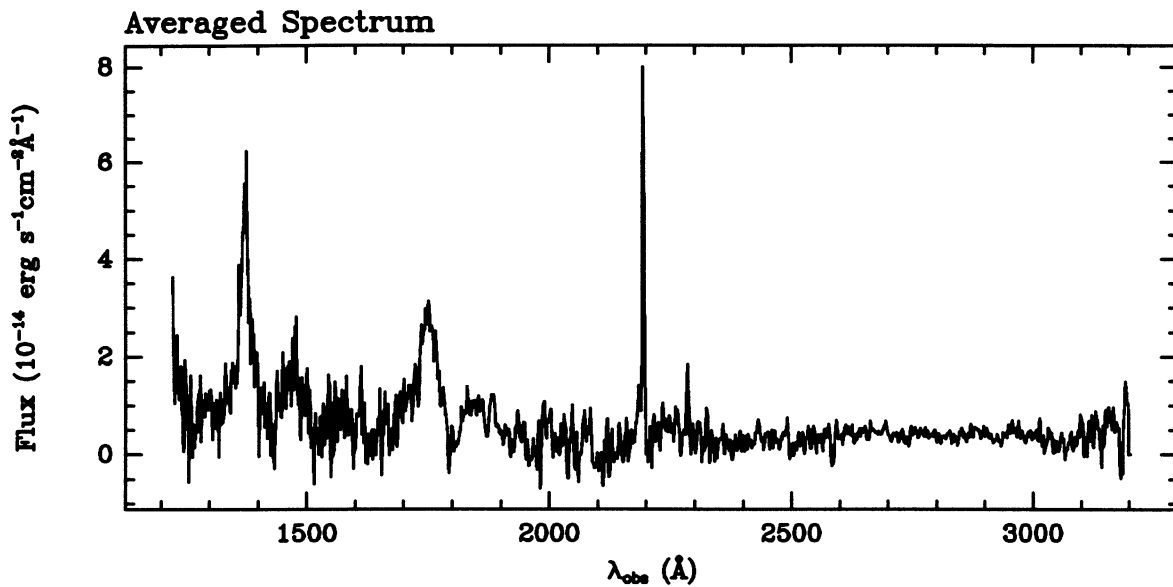
<b>EINSTEIN</b>	• 100	• 327	• 362	• 996
	• 1001			
<b>EXOSAT</b>	• 535	• 620	• 789	• 907
	• 1349	• 1433	• 1630	• 1658
	• 1683	• 1699	• 2013	• 2073

**References**

- 38
- 101
- 178
- 284
- 380
- 521
- 594
- 663
- 761
- 841
- 890
- 57
- 121
- 179
- 296
- 394
- 554
- 605
- 692
- 771
- 852
- 894
- 81
- 125
- 186
- 310
- 436
- 555
- 607
- 717
- 800
- 853
- 898
- 82
- 143
- 206
- 315
- 443
- 558
- 624
- 729
- 804
- 860
- 899
- 85
- 144
- 216
- 320
- 466
- 560
- 629
- 736
- 805
- 869
- 911
- 94
- 145
- 231
- 335
- 478
- 561
- 643
- 737
- 816
- 878
- 913
- 99
- 158
- 258
- 348
- 488
- 563
- 654
- 755
- 824
- 880
- 936
- 100
- 177
- 261
- 359
- 495
- 593
- 662
- 756
- 830
- 884
- 940

**PG 1416-129**

Right Ascension	: 14h 16m 21.30s
Declination	: -12° 56' 58.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.129
Alternative Names	: 1E 1416.3-1256, QSO 1416-129



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1411 Å	2483 Å	CEB	Flag
											10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>	
1	SWP	8916	L	44364.0	4 May 80	8700.0			1.08			233
2	SWP	16763	L	45074.0	14 Apr 82	1680.0			1.41			31
3	LWR	16072	L	45491.0	5 Jun 83	7800.0				0.29		02
4	SWP	33030	L	47224.0	3 Mar 88	24900.0			0.59			357

**X-Ray Spectra**

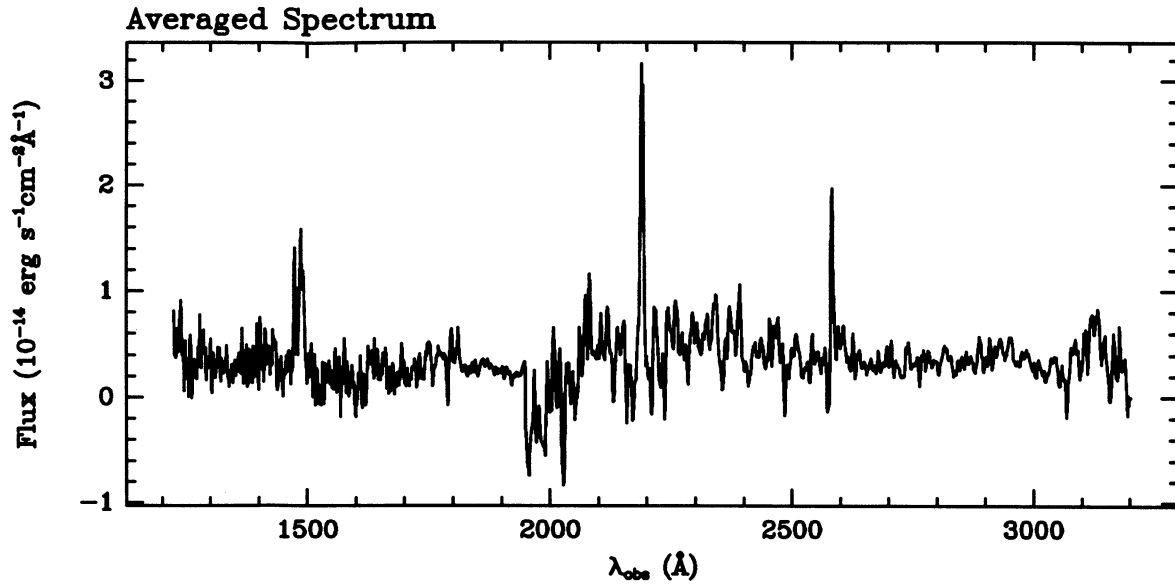
- EINSTEIN**      • 704                      • 1058                      • 1236                      • 1237  
                          • 1238                      • 1240                      • 1241
- EXOSAT**              • 2030

**References**

- 315      • 525      • 723      • 776      • 804      • 823      • 829      • 830  
 • 832      • 842      • 930

**QSO 1418+546**

Right Ascension	: 14h 18m 06.28s
Declination	: 54° 36' 58.2"
Object Type	: BL Lac HP
ULDA Type	: 87
Redshift	: 0.132
Alternative Names	: OQ 530, PG 1418+546

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1415 Å	2490 Å	CEB	Flag
1	LWR 7747 L	44374.0	14 May 80	3600.0						302
2	SWP 8989 L	44374.0	14 May 80	21840.0			0.33	0.54		203
3	SWP 9441 L	44426.0	5 Jul 80	7080.0			0.20			001
4	SWP 10809 L	44587.0	13 Dec 80	25200.0			0.70			305
5	LWR 9491 L	44588.0	14 Dec 80	25200.0				0.25		407

**X-Ray Spectra**

EINSTEIN	• 88	• 285	• 633	• 1158
EXOSAT	• 784	• 785	• 788	

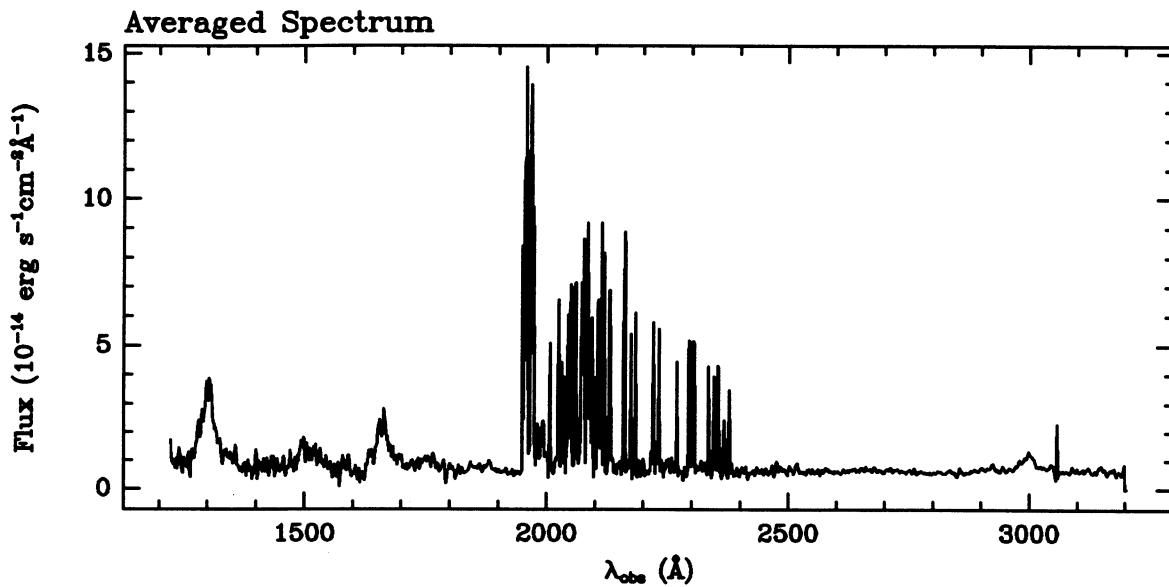
**References**

• 104	• 238	• 321	• 463	• 522	• 526	• 938
-------	-------	-------	-------	-------	-------	-------



### AOO A 1422 +48

Right Ascension	:	14h 19m 39.00s
Declination	:	48° 01' 06.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	Unknown
Alternative Names	:	



### Observed Spectra

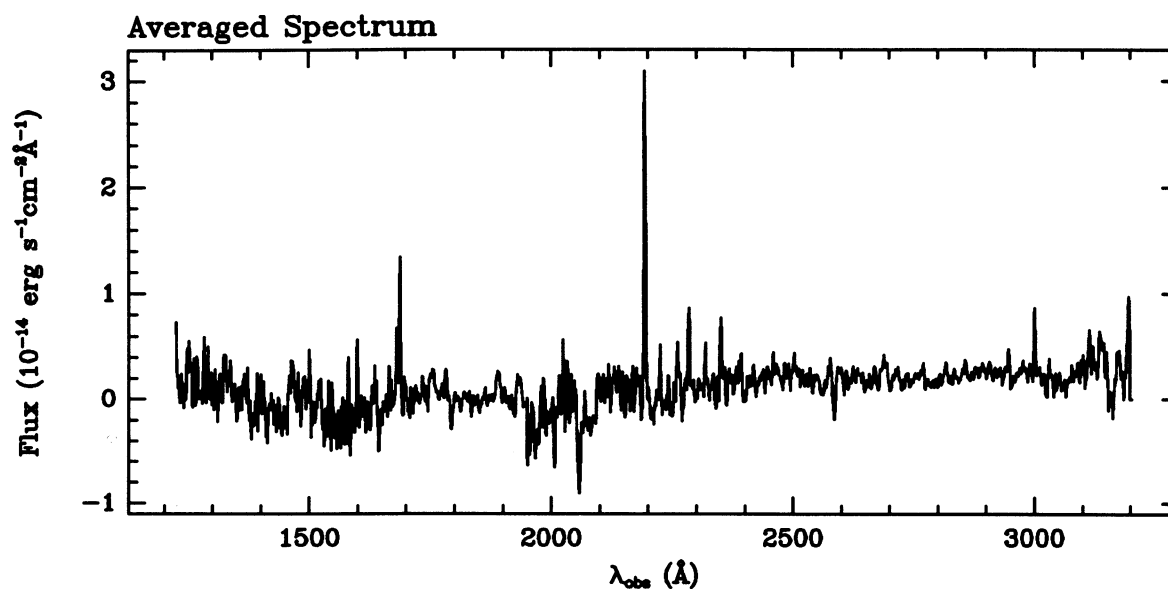
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 17265 L	45140.0	19 Jun 82	8400.0			0.72		331	
2	LWP 1583 L	45141.0	20 Jun 82	9600.0				1.53	331	D
3	SWP 18951 L	45340.0	5 Jan 83	9000.0			1.26		331	
4	LWP 1760 L	45341.0	6 Jan 83	9000.0				0.83	331	D

### X-Ray Spectra

EINSTEIN	• 365	• 399		
EXOSAT	• 486	• 681	• 1343	• 1579
	• 1619			

**MRK 679**

Right Ascension	:	14h 21m 18.00s
Declination	:	33° 05' 54.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.904
Alternative Names	:	PG 1421+331, QSO 1421+330

**Observed Spectra**

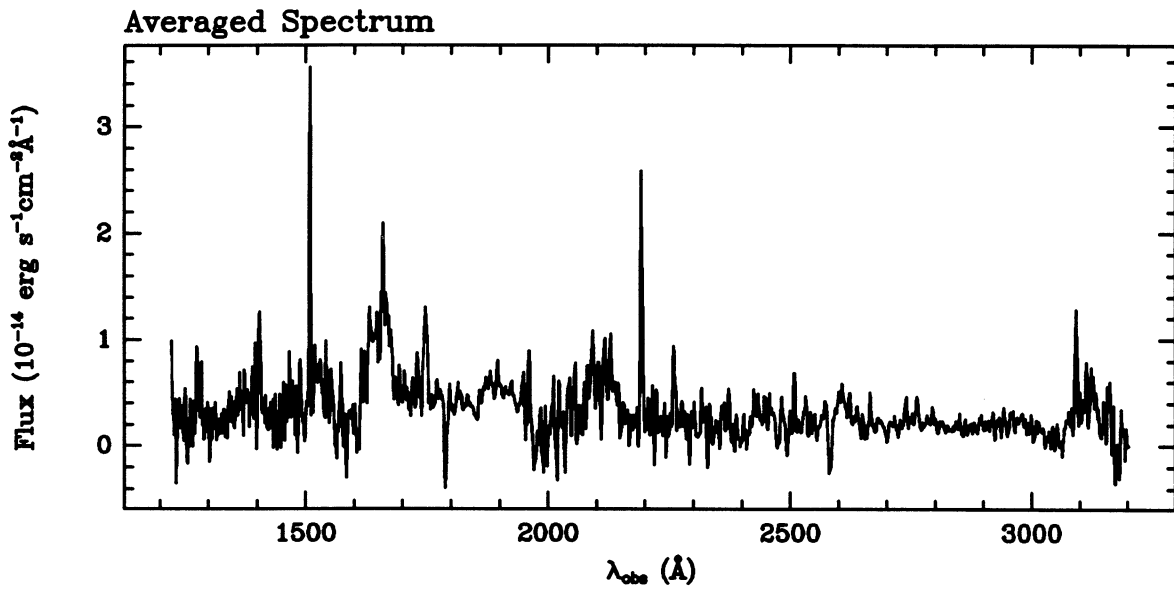
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWR	10905	L	44775.0	19 Jun 81	24600.0					307	
2	SWP	21646	L	45669.0	30 Nov 83	23400.0			0.03	0.29	05	

**References**

• 191    • 287    • 302    • 519    • 806    • 830    • 842

**QSO 1425+267**

Right Ascension	: 14h 25m 21.86s
Declination	: 26° 45' 37.8"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.366
Alternative Names	: TON 202, OQ 242
	: PB 3638, PG 1425+267



**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1707 Å	3005 Å	CEB	Flag
1	SWP 5455 L	44033.0	8 Jun 79	23100.0			0.52		23	
2	LWR 4735 L	44034.0	9 Jun 79	22800.0				0.16	33	

**X-Ray Spectra**

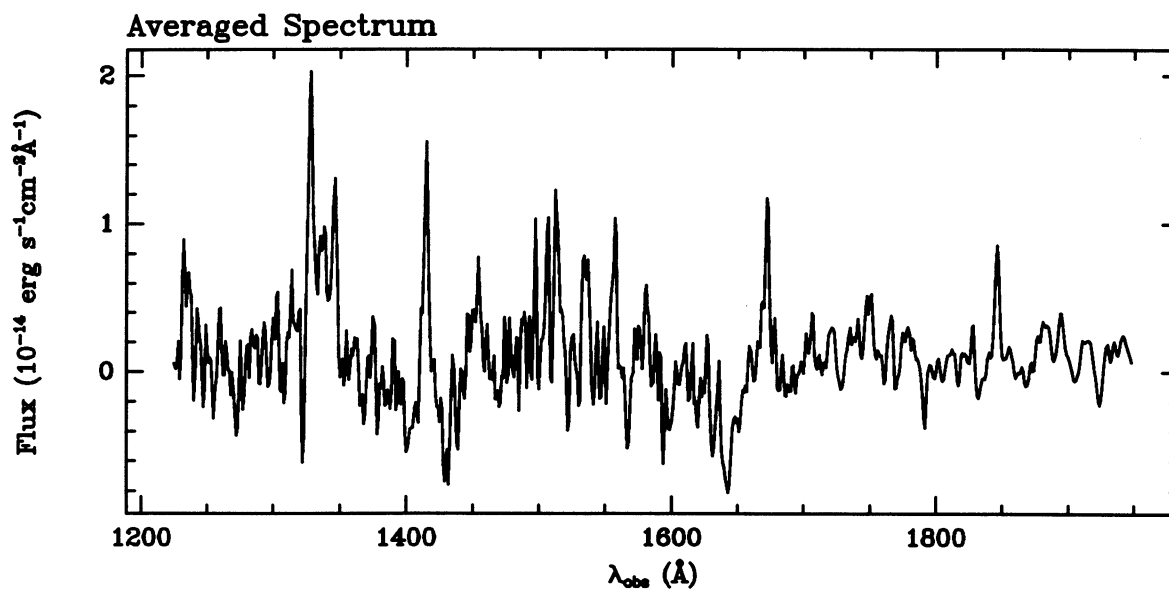
- EINSTEIN           • 691                   • 1073                   • 1222
- EXOSAT             • 1353                   • 1354                   • 2074

**References**

- 14     • 85     • 287     • 302     • 320     • 423     • 504     • 545
- 590   • 598   • 603   • 701   • 729   • 730   • 745   • 776
- 801   • 804   • 830   • 832   • 842

**NGC 5635**

Right Ascension	:	14h 26m 18.14s
Declination	:	27° 38' 00.3"
Object Type	:	Seyfert 3
ULDA Type	:	86
Redshift	:	0.014
Alternative Names	:	UGC 9283, MCG+05-34-0049

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1267 Å	2230 Å	CEB	Flag
1	SWP	25766	L	46179.0	23 Apr 85	17100.0			0.04			113

**X-Ray Spectra**

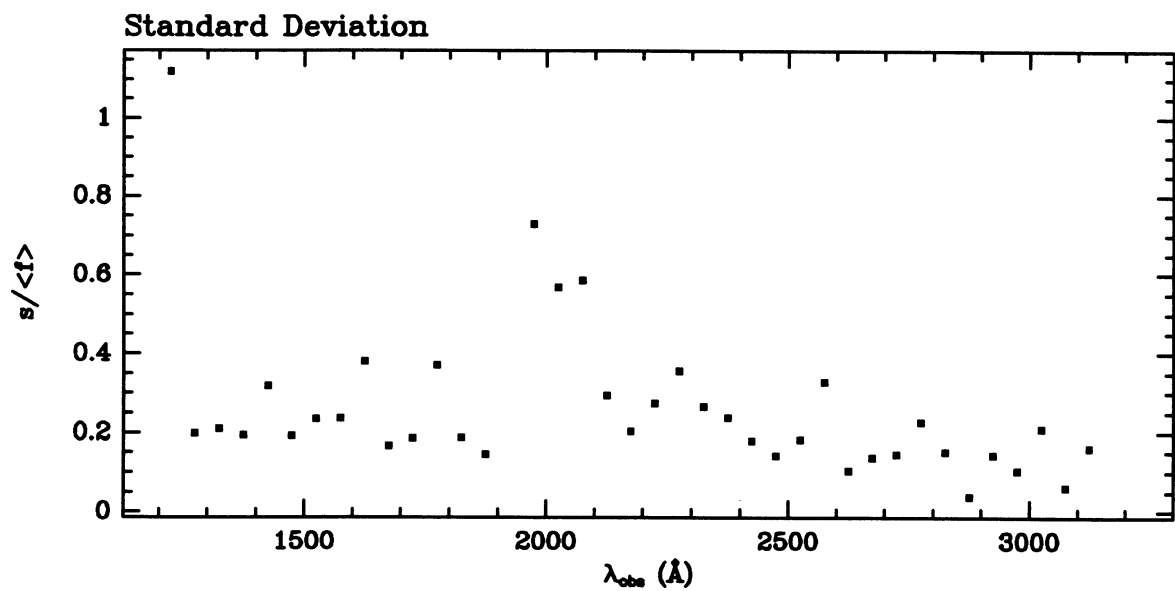
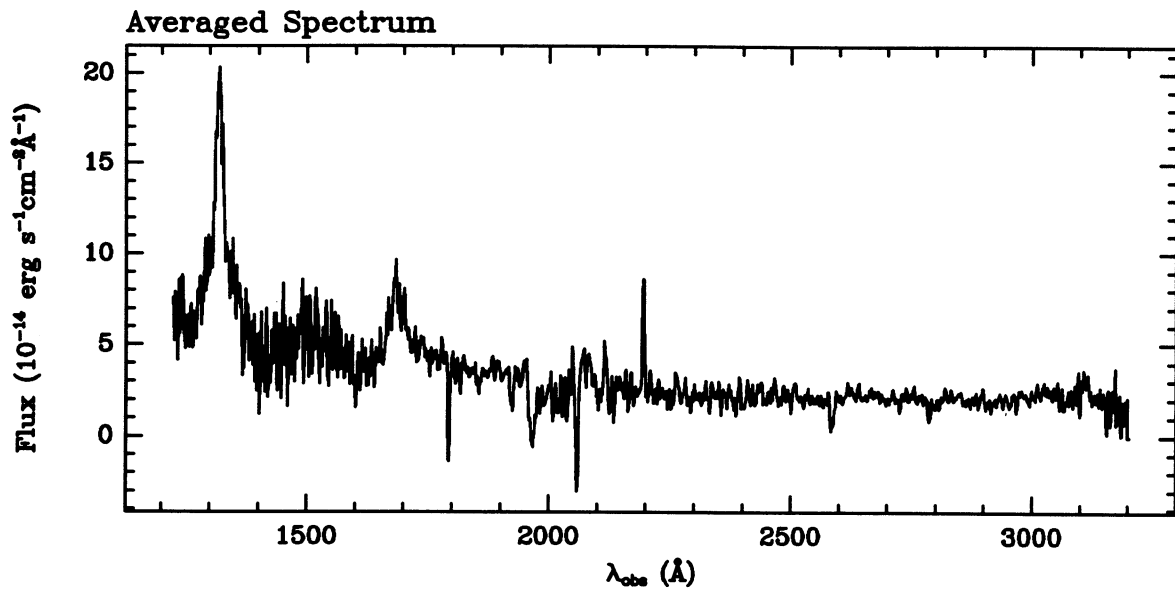
EINSTEIN • 683

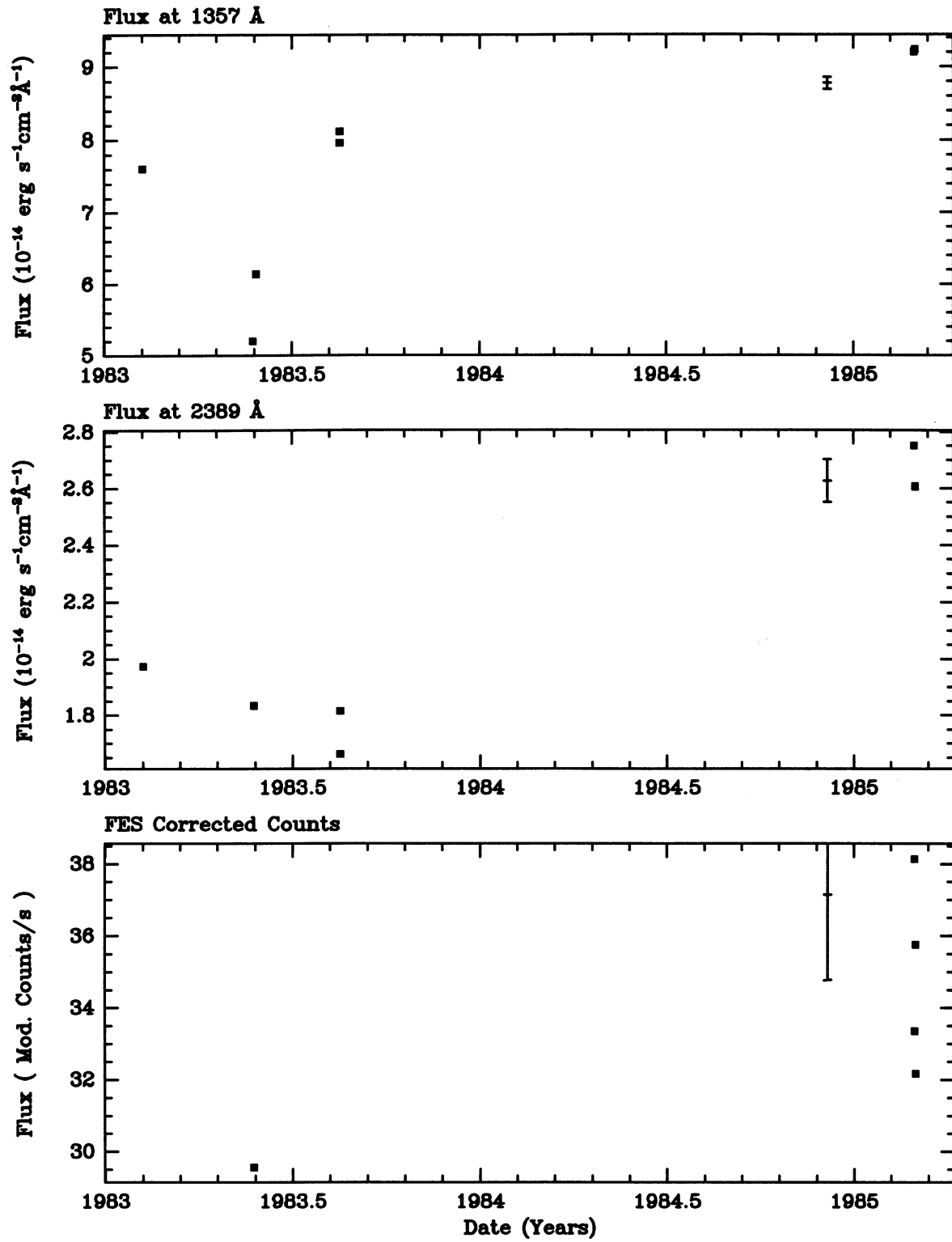
**References**

• 136

**MRK 1383**

Right Ascension	: 14h 26m 33.70s
Declination	: 1° 30' 27.0"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.086
Alternative Names	: PG 1426+015, 1E 1426+01.5





## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1357 Å	2380 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 15201 L	45372.0	6 Feb 83	4980.0				1.97	x39	
2	SWP 19214 L	45372.0	6 Feb 83	1080.0			7.61		329	
3	LWR 16015 L	45480.0	25 May 83	1200.0				1.84	302	
4	SWP 20072 L	45480.0	25 May 83	600.0	27	29.57	5.20		230	
5	SWP 20084 L	45483.0	28 May 83	7200.0			6.14		352	
6	LWR 16611 L	45564.0	17 Aug 83	3600.0				1.66	309	
7	LWR 16612 L	45564.0	17 Aug 83	3000.0				1.82	309	
8	SWP 20707 L	45564.0	17 Aug 83	2100.0			8.12		305	
9	SWP 20708 L	45564.0	17 Aug 83	3900.0			7.96		341	
10	LWP 5440 L	46126.0	1 Mar 85	4500.0	32	38.14		2.75	406	D
11	SWP 25338 L	46126.0	1 Mar 85	19800.0	28	33.37	9.21		406	
12	LWP 5446 L	46127.0	2 Mar 85	18000.0	27	32.18		2.61	507	D
13	SWP 25343 L	46127.0	2 Mar 85	6000.0	30	35.76	9.24		353	

## X-Ray Spectra

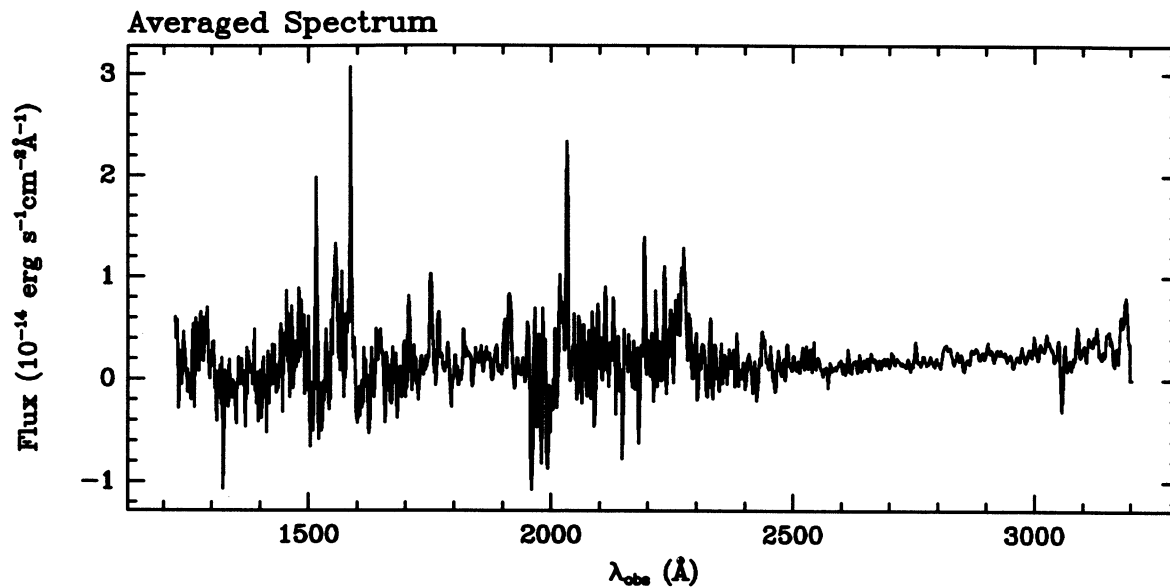
<b>EINSTEIN</b>	• 398	• 1011	• 1017	• 1018
	• 1019	• 1025	• 1059	• 1191
	• 1192	• 1193	• 1194	• 1195
<b>EXOSAT</b>	• 69	• 70	• 1685	

## References

• 45	• 146	• 151	• 163	• 205	• 400	• 512	• 525
• 607	• 611	• 621	• 717	• 724	• 729	• 730	• 776
• 804	• 816	• 823	• 826	• 829	• 830	• 832	• 879

**NGC 5643**

Right Ascension	: 14h 29m 28.00s
Declination	: -43° 57' 12.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.003
Alternative Names	: MCG-07-30-0003, ESO 272- 16
	: IRAS 14294-4357, EQ 1429-439

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	SWP	23147	L	45853.0	1 Jun 84	14400.0	64	73.28	0.17		202	
2	LWP	11061	L	46968.0	21 Jun 87	24840.0	58	82.23		0.30	336	D

**X-Ray Spectra**

EINSTEIN           • 692                   • 720                   • 726  
 EXOSAT             • 1351

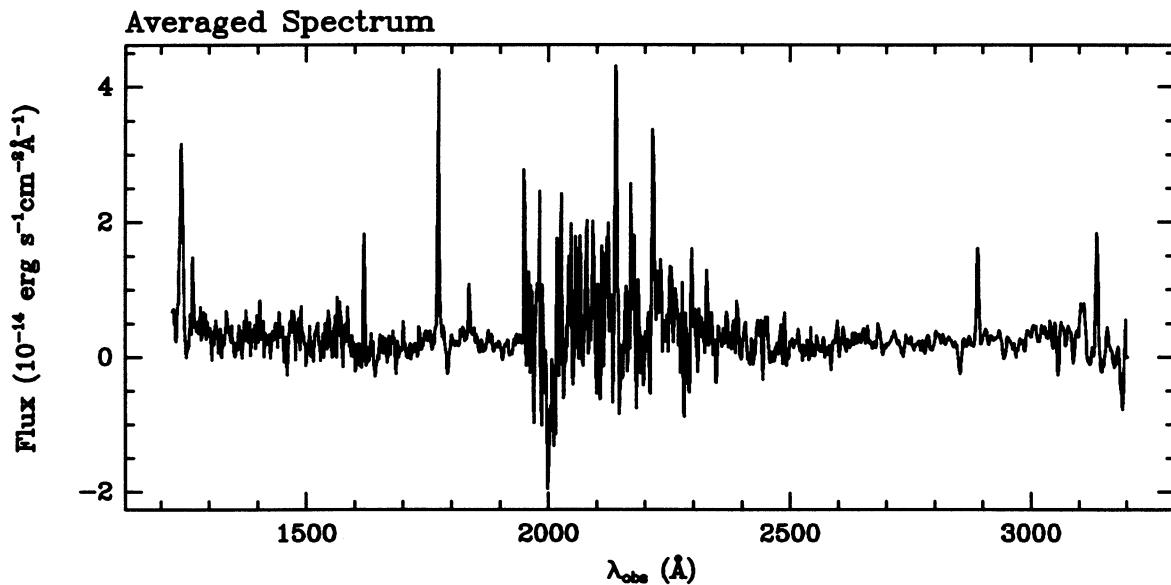
**References**

• 181       • 445       • 453       • 563       • 582       • 666       • 717       • 775  
 • 805



**NGC 5674**

Right Ascension	: 14h 31m 24.14s
Declination	: 5° 40' 00.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.025
Alternative Names	: UGC 9369, MCG+01-37-0031
	: ZW VIII 434, EQ 1431+056

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	LWP 10990 L	46959.0	12 Jun 87	7080.0					305	D
2	SWP 31136 L	46959.0	12 Jun 87	17100.0	20	28.29	0.47	0.62	333	

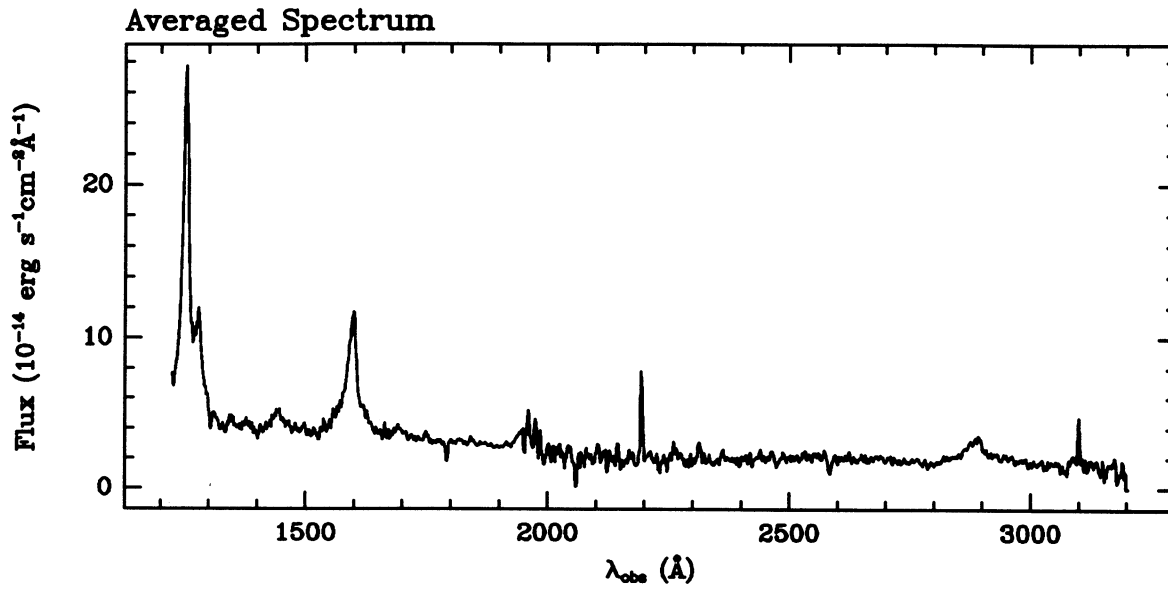
**X-Ray Spectra**

EINSTEIN

• 705

**MRK 817**

Right Ascension	:	14h 34m 58.00s
Declination	:	59° 00' 40.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.033
Alternative Names	:	UGC 9412, PG 1434+590

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw cts/s	Corr. cts/s	1291 Å $10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	2272 Å $10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	CEB	Flag
1	SWP 15414 L	44915.0	6 Nov 81	7800.0	36	37.60	7.87			342
2	SWP 15447 L	44916.0	7 Nov 81	16200.0	35	36.56	6.84			354
3	LWR 11936 L	44917.0	8 Nov 81	9000.0	36	37.60		2.26		443
4	LWR 13704 L	45169.0	18 Jul 82	8760.0	36	38.31		1.90		447
5	SWP 17442 L	45169.0	18 Jul 82	16200.0	35	37.24	7.79			343

**X-Ray Spectra**

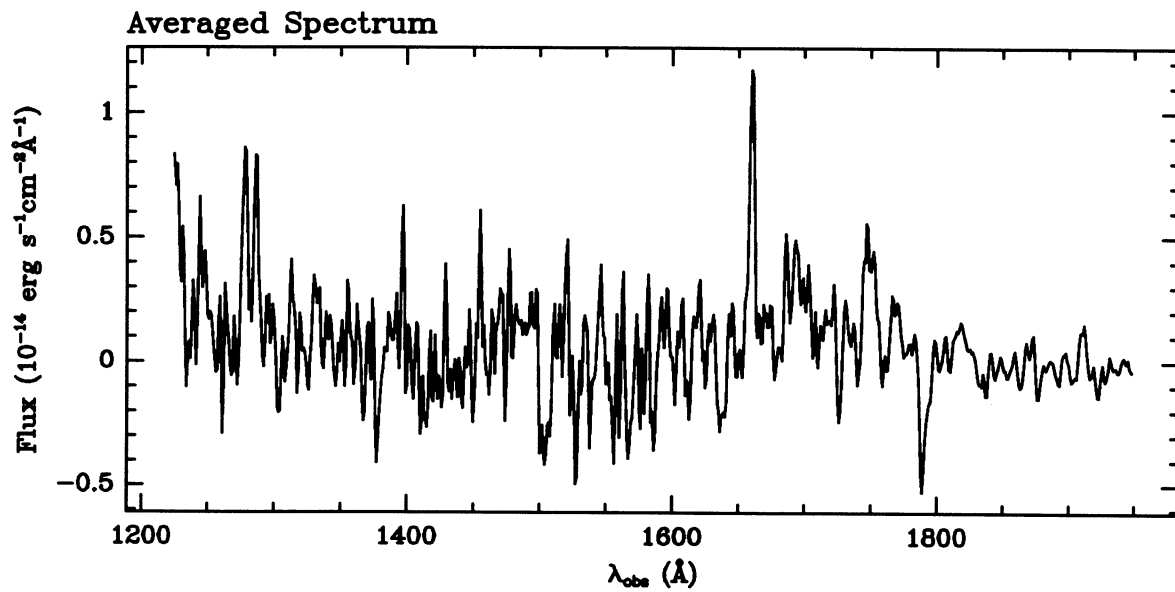
EINSTEIN	• 1154	
EXOSAT	• 1279	• 2018

**References**

• 19	• 145	• 146	• 151	• 192	• 206	• 253	• 320
• 394	• 521	• 593	• 717	• 816			

**QSO 1435-016**

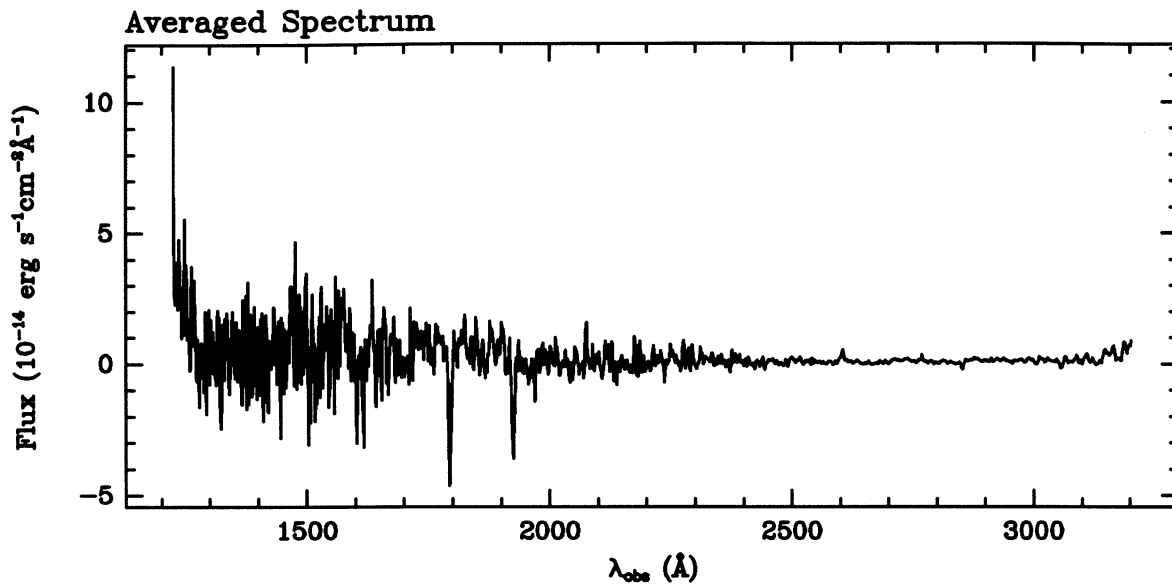
Right Ascension	: 14h 35m 13.23s
Declination	: - 1° 34' 13.5"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.310
Alternative Names	: QSO 1435-0134

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 $\text{\AA}$	3000 $\text{\AA}$	CEB	Flag
1	SWP 7815 L	44269.0	30 Jan 80	25200.0				0.06		114

**NGC 5695**

Right Ascension	: 14h 35m 20.60s
Declination	: 36° 47' 13.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.014
Alternative Names	: UGC 9421, MCG+06-32-0077, MRK 686
	: CASG 488, EQ 1435+367

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1267 Å	2230 Å	CEB	Flag
1	SWP 23111 L	45847.0	26 May 84	3600.0	41	46.91	1.52			09
2	SWP 23115 L	45848.0	27 May 84	4500.0	38	43.48	1.29			09
3	SWP 23121 L	45849.0	28 May 84	2400.0	42	48.07	0.61			08
4	LWP 13796 L	47379.0	5 Aug 88	24540.0				0.16		206

**X-Ray Spectra**

EINSTEIN • 693

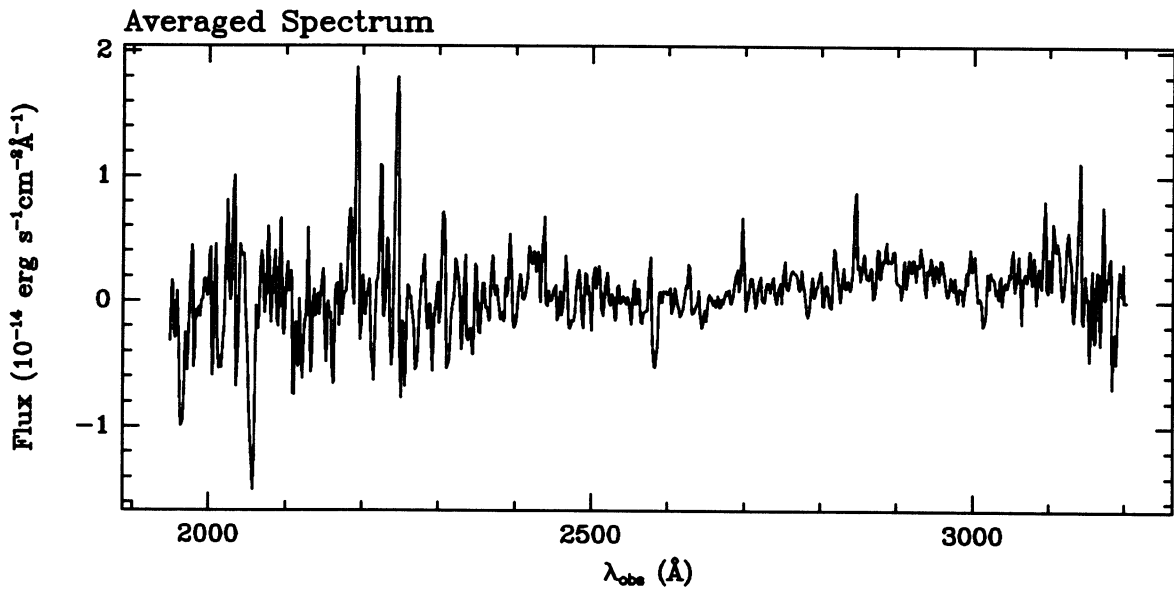
EXOSAT • 1680

**References**

• 135 • 205 • 620 • 717 • 896

**QSO 1435+638**

Right Ascension	:	14h 35m 37.20s
Declination	:	63° 49' 36.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.060
Alternative Names	:	



**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 10906 L	44775.0	19 Jun 81	24600.0				0.11		309

**X-Ray Spectra**

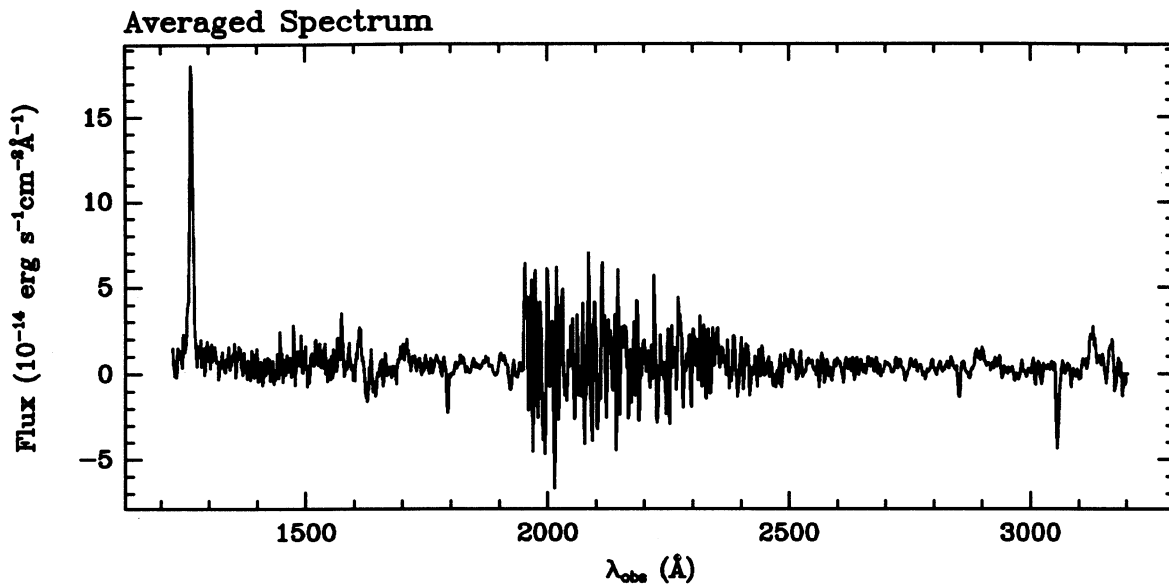
EINSTEIN            • 218                            • 943                            • 1042                            • 1046  
                           • 1249                            • 1250

**References**

• 191            • 711            • 719            • 830

**MRK 477**

Right Ascension	: 14h 39m 03.00s
Declination	: 53° 42' 53.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.038
Alternative Names	: IRAS 14390+5343, ZW I 92
	: EQ 1439+537, CASG 509

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1297 Å	2283 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	20254	L	45505.0	19 Jun 83	7200.0			0.91		352	
2	LWP	4604	L	45996.0	22 Oct 84	2700.0				1.66	309	D
3	SWP	24256	L	45996.0	22 Oct 84	2520.0			1.57		339	
4	SWP	24429	L	46014.0	9 Nov 84	24300.0			0.77		3x7	
5	LWP	4778	L	46015.0	10 Nov 84	21600.0				0.49	339	D
6	SWP	24440	L	46016.0	11 Nov 84	4200.0			0.54		233	

**X-Ray Spectra**

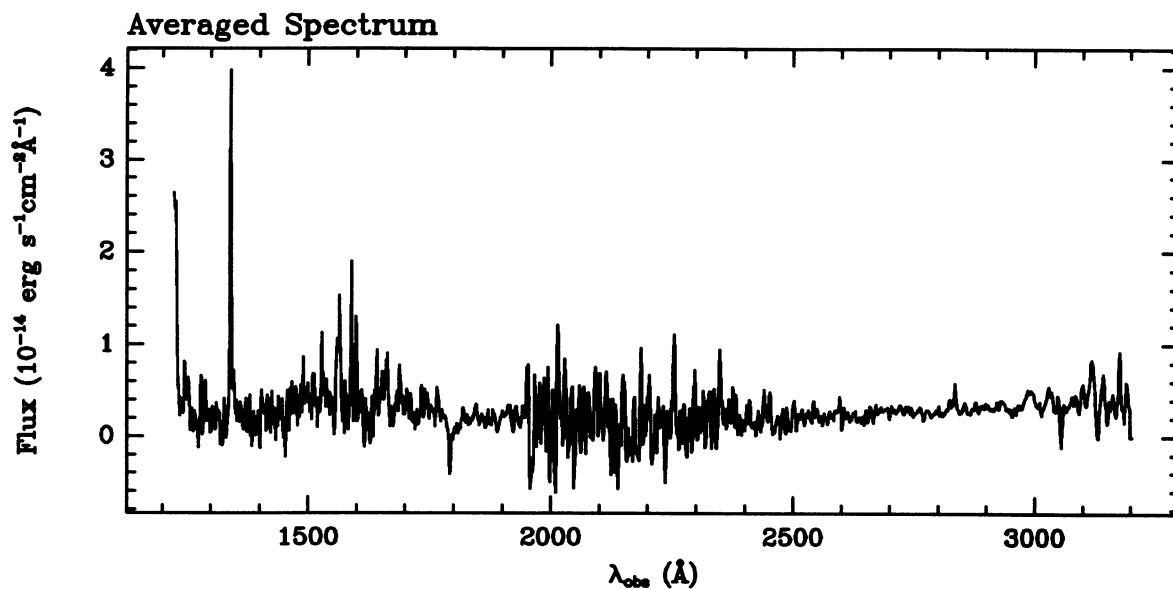
EINSTEIN            • 518                    • 643                    • 942

**References**

• 74      • 84      • 85      • 145      • 284      • 593      • 717      • 760  
 • 780      • 841

## NGC 5728

Right Ascension	: 14h 39m 36.80s
Declination	: -17° 02' 26.0"
Object Type	: Seyfert 1
ULDA Type	: 88
Redshift	: 0.009
Alternative Names	: MCG-03-37-0005, IRAS 14396-1702



## Observed Spectra

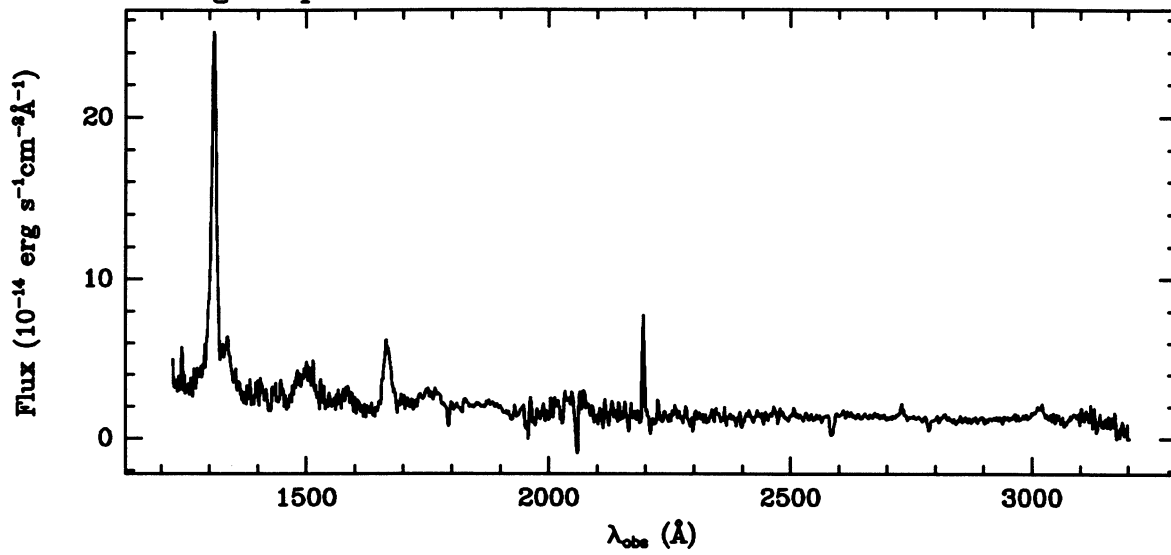
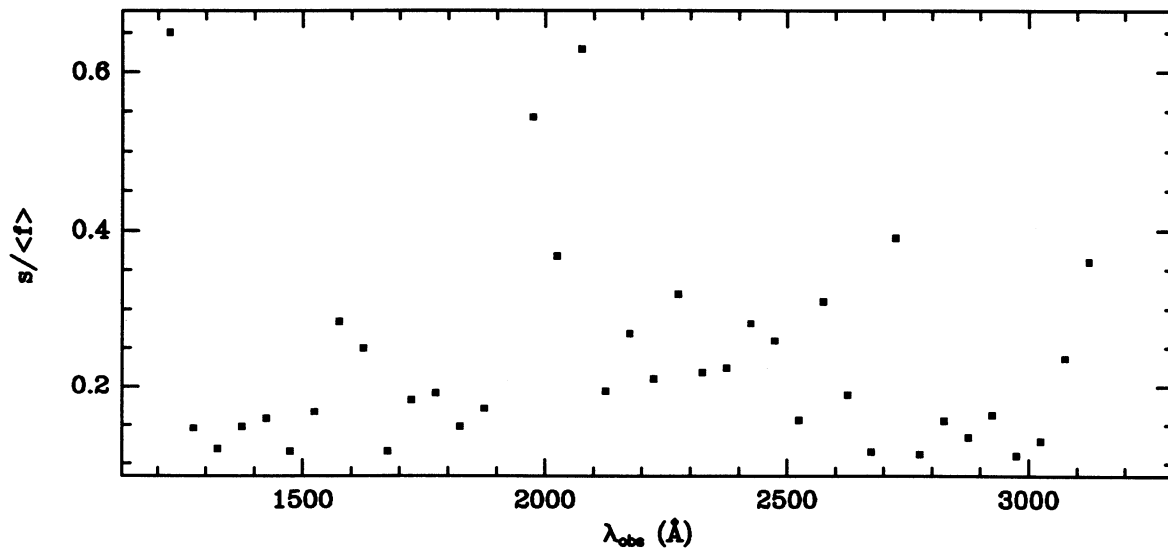
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
1	LWP 11256 L	46997.0	20 Jul 87	24000.0	55	78.59			316	D
2	SWP 31381 L	46998.0	21 Jul 87	25200.0	59	84.32	0.30	0.10	314	

## References

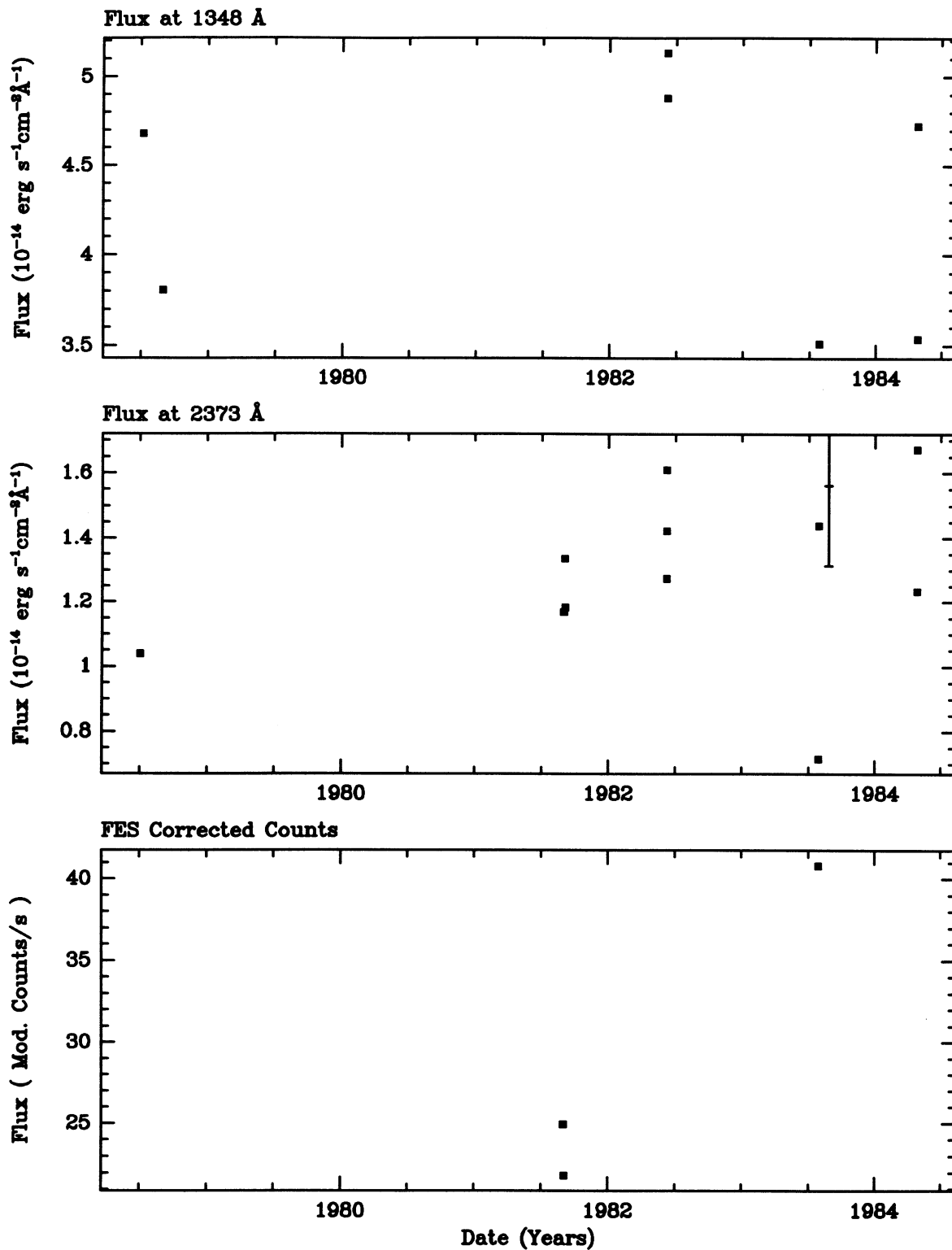
• 181    • 212    • 445    • 663    • 664    • 676    • 717

**MRK 478**

Right Ascension	: 14h 40m 04.60s
Declination	: 35° 38' 53.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.079
Alternative Names	: CASG 512, QSO 1440+356

**Averaged Spectrum****Standard Deviation**





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1348 Å	2373 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	1775	L	43693.0	3 Jul 78	7500.0			4.68	1.04	D	
2	SWP	1947	L	43699.0	9 Jul 78	8100.0			3.81			
3	SWP	2428	L	43753.0	1 Sep 78	4200.0						
4	LWR	11450	L	44849.0	1 Sep 81	22800.0	24	24.96		1.17	546	
5	LWR	11460	L	44851.0	3 Sep 81	18300.0	21	21.85		1.34	5x4	
6	LWR	11471	L	44852.0	4 Sep 81	3120.0				1.18	332	
7	SWP	17168	L	45129.0	8 Jun 82	5700.0			4.88		351	
8	LWR	13448	L	45130.0	9 Jun 82	4800.0				1.27	341	
9	LWR	13449	L	45130.0	9 Jun 82	5400.0				1.61	341	
10	LWR	13450	L	45130.0	9 Jun 82	2400.0				1.42	231	
11	SWP	17170	L	45130.0	9 Jun 82	3420.0			5.13		241	
12	LWR	16483	L	45546.0	30 Jul 83	3600.0	37	40.81		0.72	309	
13	LWR	16484	L	45546.0	30 Jul 83	3600.0				1.44	333	
14	SWP	20545	L	45546.0	30 Jul 83	5400.0			3.51		352	
15	LWR	17395	L	45818.0	27 Apr 84	3600.0				1.67	x04	
16	LWR	17396	L	45818.0	27 Apr 84	5400.0				1.24	339	
17	SWP	22865	L	45818.0	27 Apr 84	3000.0			4.73		339	
18	SWP	22866	L	45818.0	27 Apr 84	2700.0			3.54		340	

## X-Ray Spectra

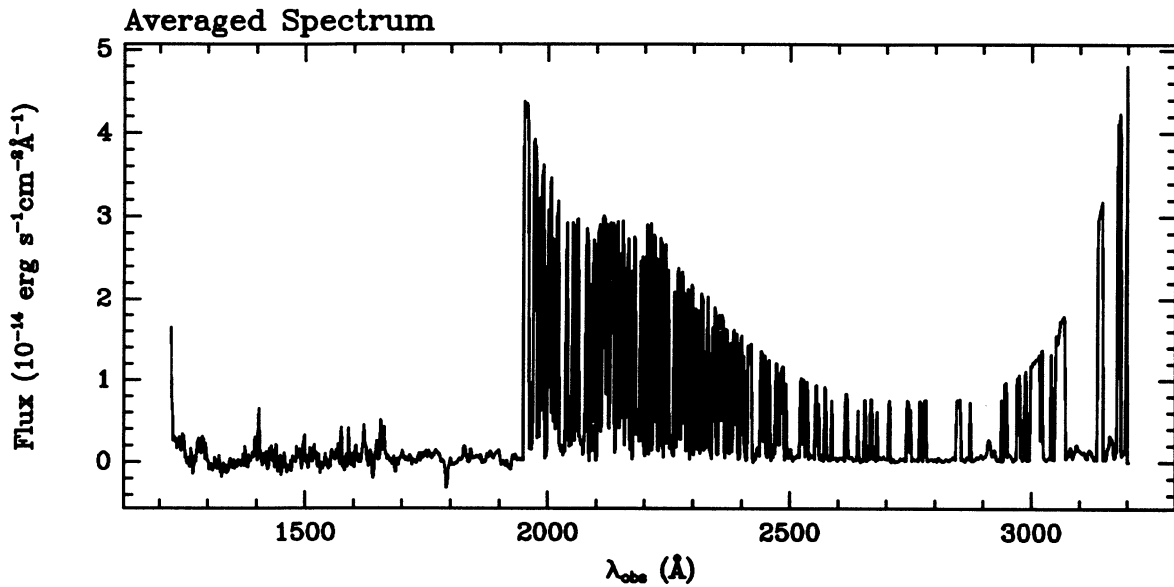
EXOSAT • 1387

## References

• 8      • 10      • 26      • 51      • 57      • 85      • 99      • 135  
• 179    • 261    • 284    • 300    • 320    • 394    • 521    • 592  
• 593    • 621    • 804    • 832    • 867

### QSO 1442+101

Right Ascension	:	14h 42m 50.55s
Declination	:	10° 11' 13.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.530
Alternative Names	:	OQ 172, MC2 1442+10.1



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 14790 L	44839.0	22 Aug 81	48900.0			0.07		?x9	
2	SWP 16688 L	45064.0	4 Apr 82	50100.0			0.10		x9	D
3	LWP 1649 L	45206.0	24 Aug 82	46200.0				0.75	209	D

### X-Ray Spectra

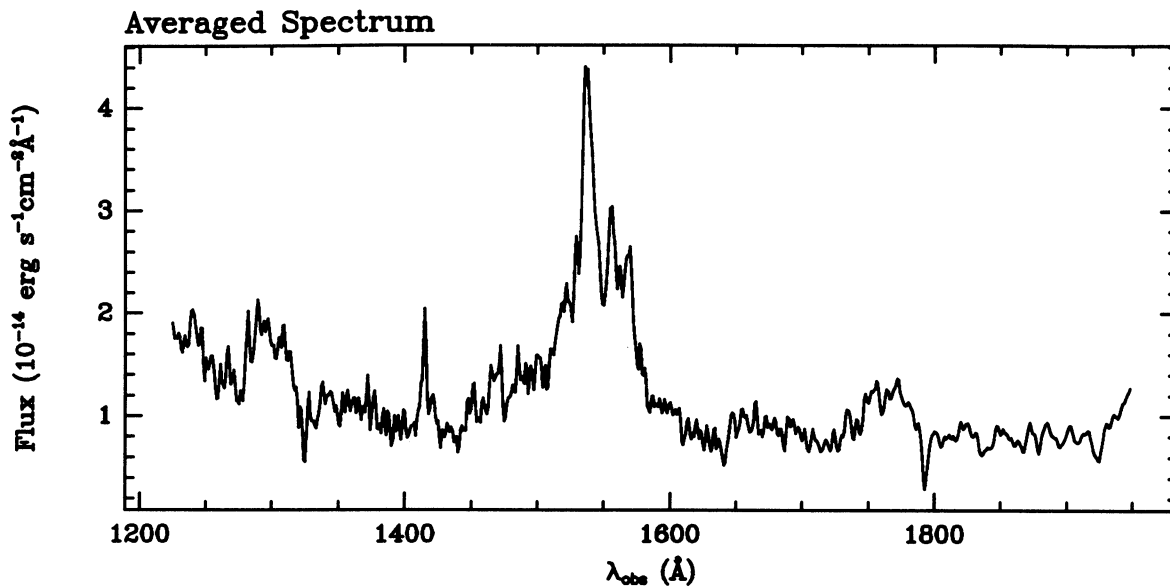
EINSTEIN           • 381                   • 389                   • 408                   • 677  
 EXOSAT            • 908                   • 2058

### References

• 204   • 213   • 214   • 296   • 500   • 587   • 590   • 687  
 • 701   • 711   • 719   • 729   • 730   • 766   • 804   • 813

**QSO 1444+407**

Right Ascension	:	14h 44m 50.30s
Declination	:	40° 47' 40.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.267
Alternative Names	:	PG 1444+407, CSO 505

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1583 Å	2787 Å	CEB	Flag
1	SWP 25778 L	46182.0	26 Apr 85	23280.0			1.59			343
2	SWP 25852 L	46190.0	4 May 85	20820.0			1.48			343

**X-Ray Spectra**

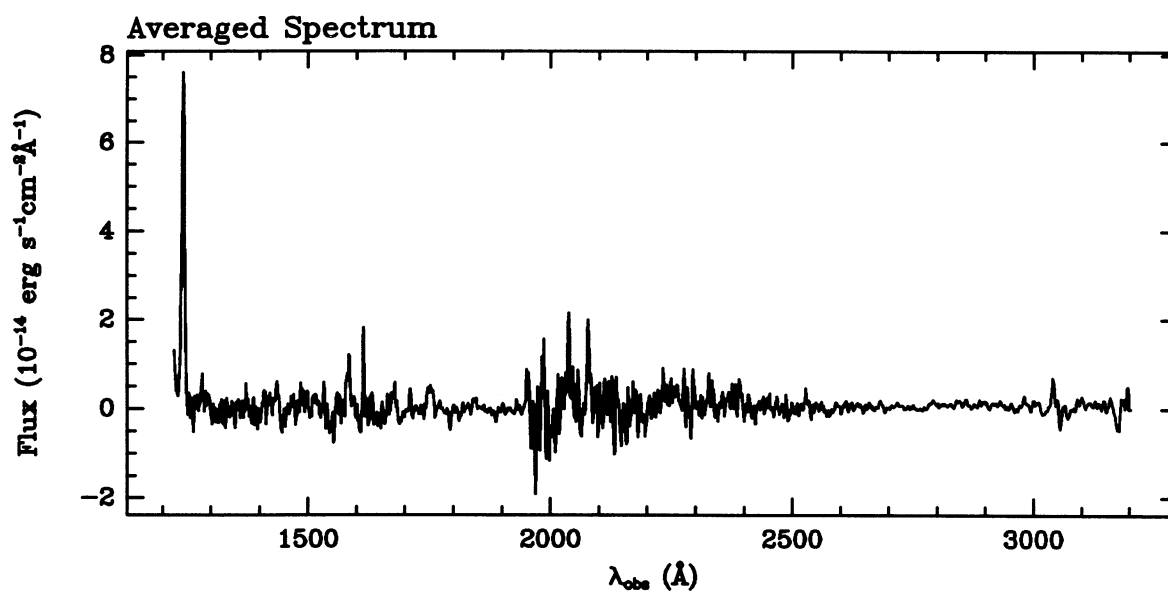
EXOSAT                    • 776                    • 790

**References**

• 603      • 621      • 801      • 815      • 832      • 842      • 930

**MRK 1388**

Right Ascension	:	14h 48m 23.00s
Declination	:	22° 56' 24.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.021
Alternative Names	:	EQ 1448+229

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1276 $\text{\AA}$	2246 $\text{\AA}$	CEB	Flag
1	LWP 6068 L	46213.0	27 May 85	9600.0					234	D
2	SWP 26021 L	46213.0	27 May 85	14400.0			0.14	0.32	04	

**X-Ray Spectra**

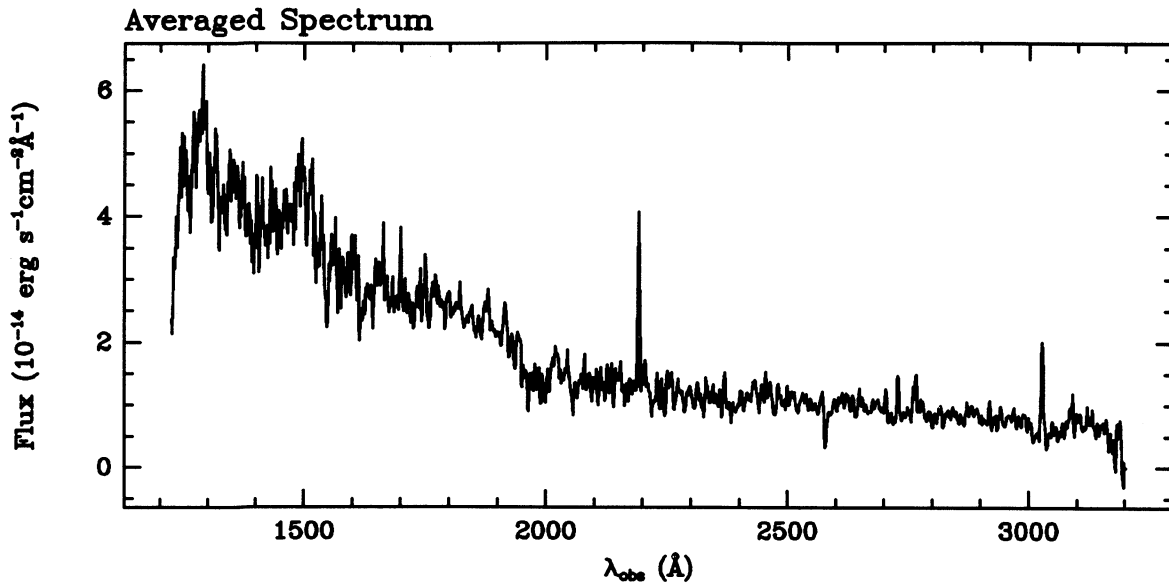
EINSTEIN      • 104                      • 105                      • 124                      • 128  
                                  • 1081                      • 1089

**References**

• 286      • 346      • 459      • 620      • 717      • 738      • 903

**MCG +06-33-0004**

Right Ascension	:	14h 48m 55.40s
Declination	:	35° 46' 54.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	UGC 9562, IRAS 14489+3546

**Observed Spectra**

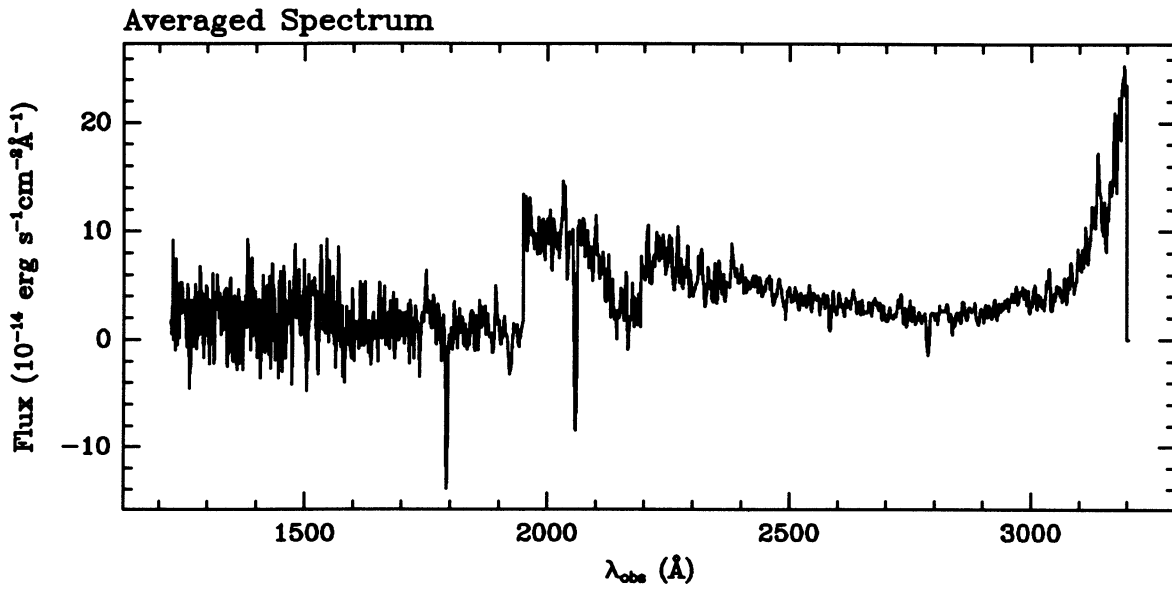
#	Observation		Date		Exposure Time s	FES		Flux		Code	
			MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	LWR	9826 L	44637.0	1 Feb 81	25380.0					409	
2	SWP	14600 L	44817.0	31 Jul 81	13200.0			4.63	1.51	304	

**References**

- 66      • 94      • 196      • 274      • 305      • 311

**PG 1448+273**

Right Ascension	:	14h 48m 58.60s
Declination	:	27° 21' 42.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.065
Alternative Names	:	QSO 1448+273



**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1331 Å	2343 Å	CEB	Flag
1	SWP 19322 L	45390.0	24 Feb 83	3300.0			2.30		309	
2	LWR 15367 L	45391.0	25 Feb 83	3600.0				9.44	09	
3	LWR 15368 L	45391.0	25 Feb 83	6420.0				0.46	303	

**X-Ray Spectra**

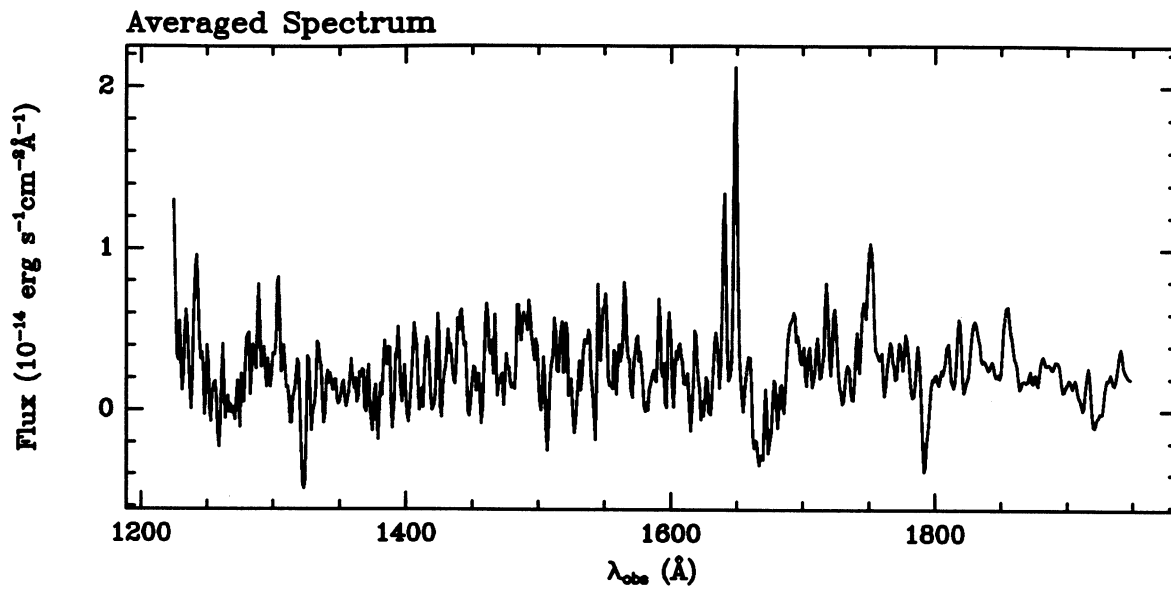
- EINSTEIN           • 683
- EXOSAT             • 1470

**References**

- 621           • 832

**MRK 288**

Right Ascension	:	14h 50m 50.20s
Declination	:	74° 01' 40.0"
Object Type	:	.
ULDA Type	:	88
Redshift	:	0.092
Alternative Names	:	MCG+12-14-0013

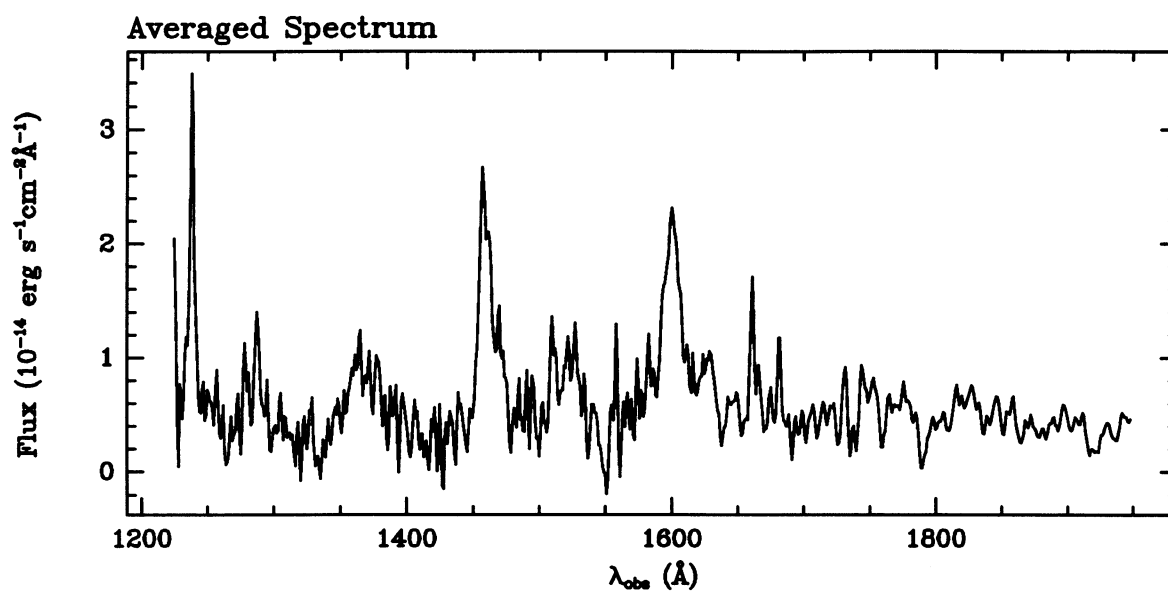
**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1365 Å	2402 Å	CEB	Flag
1	SWP 17322 L	45151.0	30 Jun 82	18120.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.15	205	



**QSO 1451-375**

Right Ascension	:	14h 51m 18.31s
Declination	:	-37° 35' 22.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.314
Alternative Names	:	PKS 1451-375

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1642 Å	2890 Å	CEB	Flag
1	SWP 4929 L	43977.0	13 Apr 79	20520.0				$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.71	23

**X-Ray Spectra**

EINSTEIN           • 416                   • 419

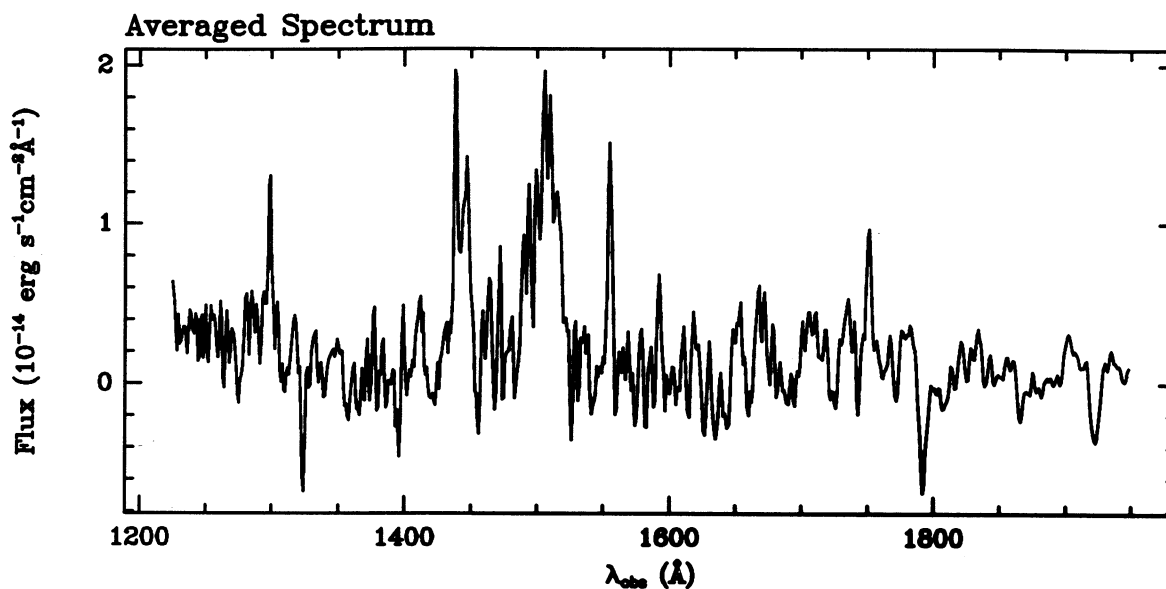
EXOSAT             • 529

**References**

• 423      • 504      • 729      • 730

**ABCG 1991**

Right Ascension	:	14h 52m 13.00s
Declination	:	18° 50' 45.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.059
Alternative Names	:	4U 1455+19, H 1450+19.0

**Observed Spectra**

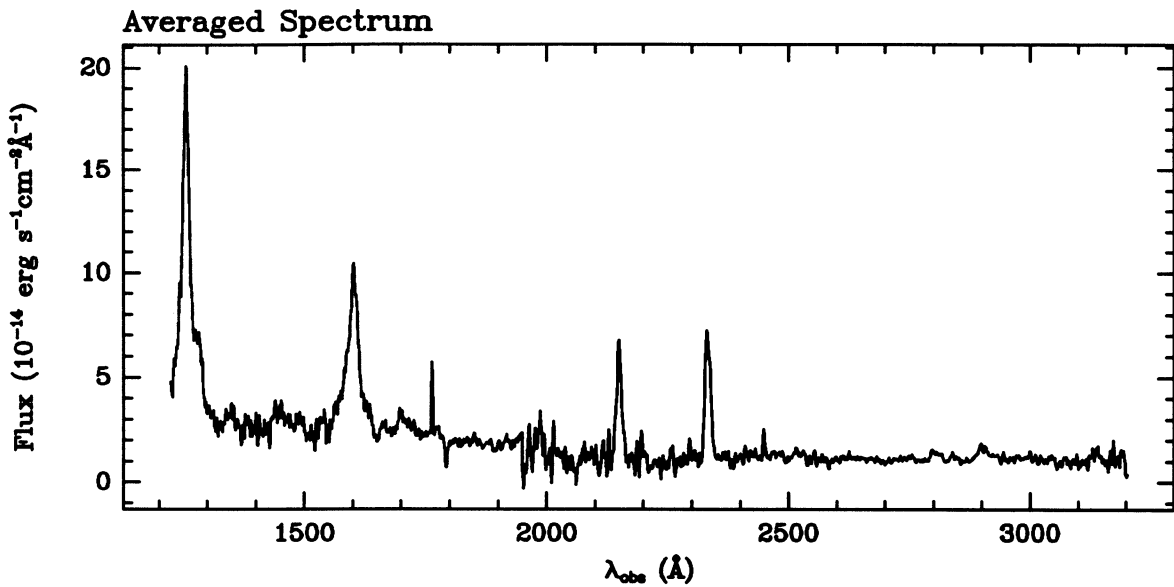
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1323 Å	2329 Å	CEB	Flag
1	SWP 28701 L	46630.0	18 Jul 86	24600.0			0.14			05

**References**

- 323
- 779
- 799

**MRK 841**

Right Ascension	: 15h 01m 36.40s
Declination	: 10° 37' 59.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.036
Alternative Names	: PG 1501+106, IRAS 15015+1037

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1295 $\text{\AA}$	2279 $\text{\AA}$	CEB	Flag
1	LWR 15200 L	45372.0	6 Feb 83	5400.0						342
2	SWP 19212 L	45372.0	6 Feb 83	1800.0			4.50	1.46		331
3	SWP 19213 L	45372.0	6 Feb 83	10800.0			6.01			3x7
4	SWP 33683 L	47313.0	31 May 88	2400.0			3.62			331
5	LWP 13380 L	47320.0	7 Jun 88	2400.0				0.82		332

**X-Ray Spectra**

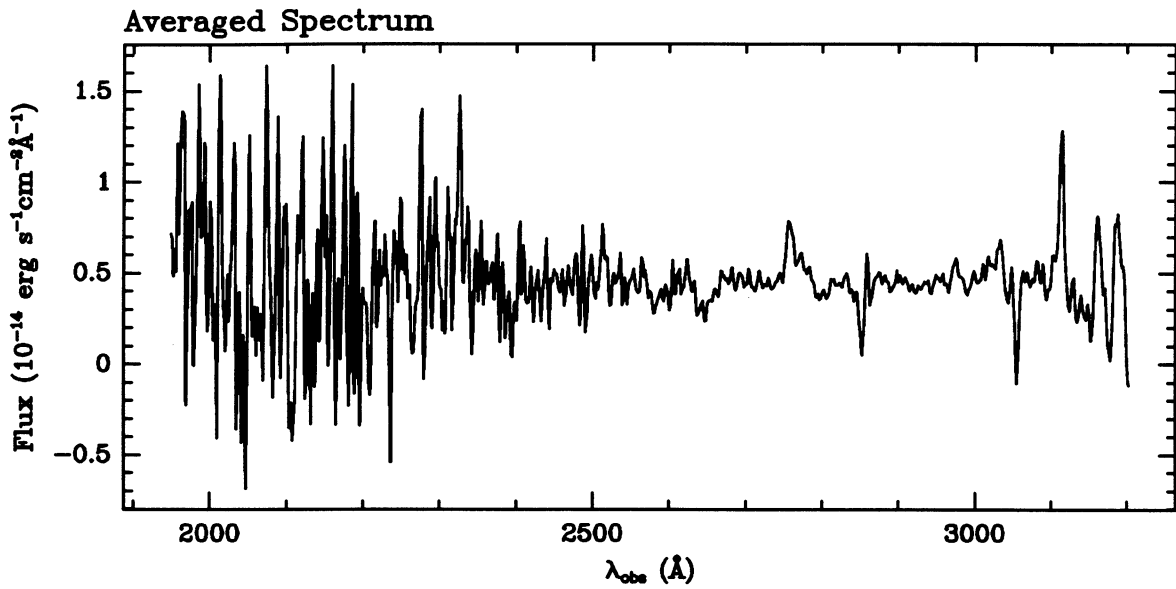
EINSTEIN	• 106	• 116	• 381	• 389
	• 408	• 677	• 715	• 1067
EXOSAT	• 908	• 2058		

**References**

- 135
- 206
- 320
- 521
- 525
- 538
- 557
- 593
- 600
- 607
- 614
- 621
- 642
- 656
- 686
- 717
- 724
- 739
- 776
- 804
- 816
- 823
- 826
- 829
- 832

**NGC 5860**

Right Ascension	: 15h 04m 44.40s
Declination	: 42° 50' 00.0"
Object Type	:
ULDA Type	: 84
Redshift	: 0.019
Alternative Names	: UGC 9717, MCG+07-31-0033, MRK 480
	: IRAS 15047+4249, ZW I 102, CASG 626



**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	LWP 13757 L	47371.0	28 Jul 88	23460.0	19	30.32	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		0.42	306

**X-Ray Spectra**

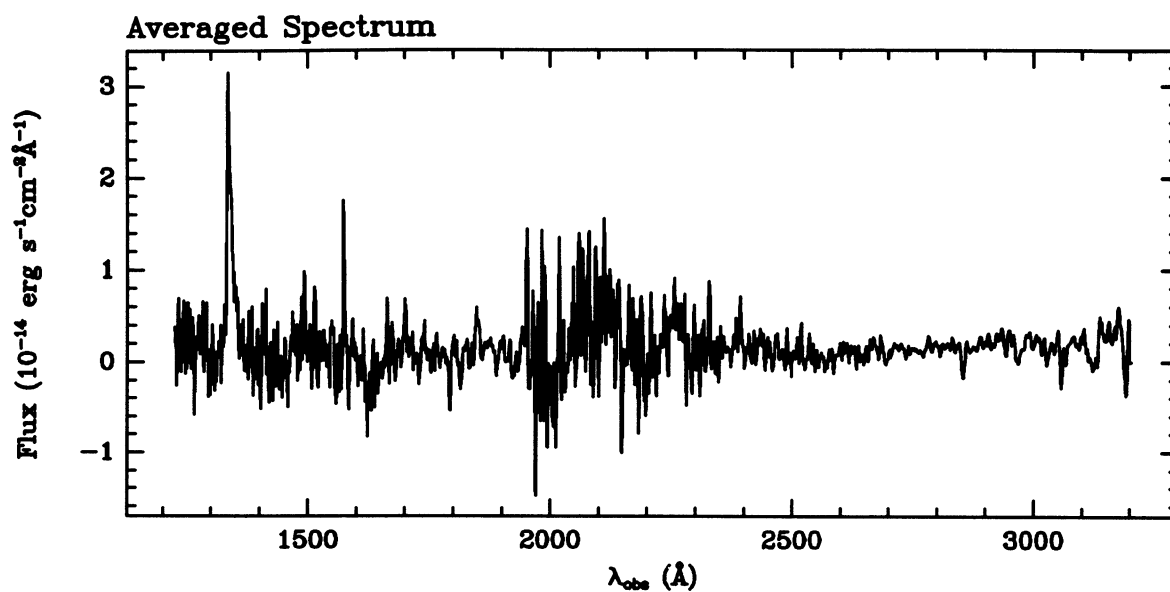
EXOSAT                    • 1346                    • 1421                    • 1422

**References**

• 193            • 215            • 246            • 559

## AOO IR 1509 -21

Right Ascension	:	15h 09m 06.60s
Declination	:	-21° 07' 48.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.044
Alternative Names	:	EQ 1509-211



### Observed Spectra

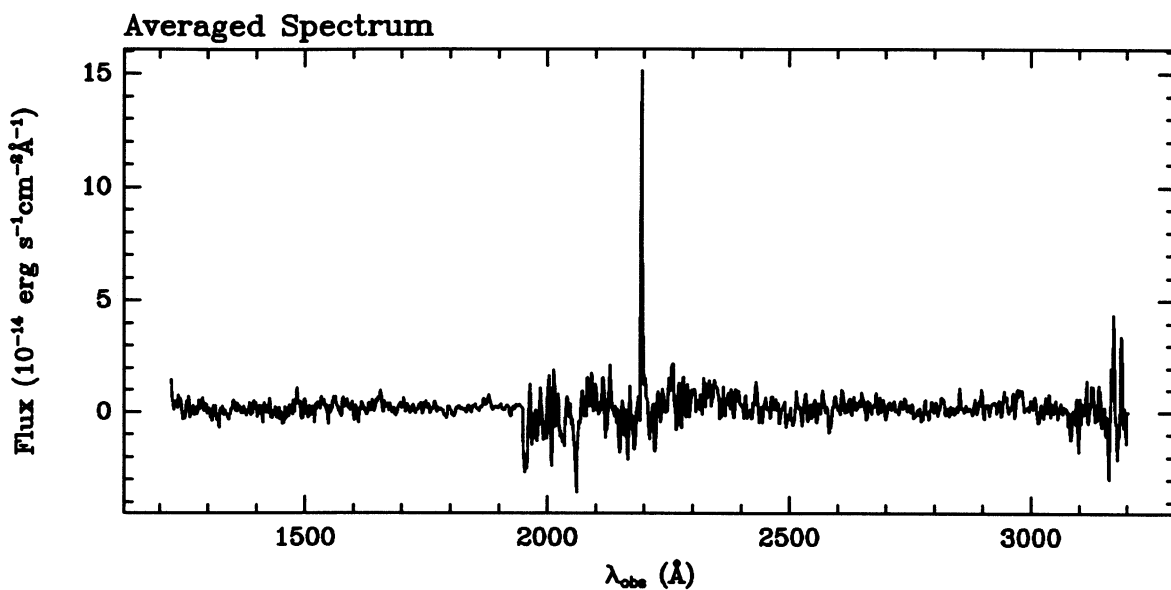
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1305 Å	2296 Å	CEB	Flag
1	LWP 10033 L	46823.0	27 Jan 87	10800.0					302	D
2	SWP 30174 L	46823.0	27 Jan 87	10800.0			0.13	0.13	111	

### X-Ray Spectra

- EINSTEIN           • 724
- EXOSAT             • 1730

### QSO 1510-089

Right Ascension	: 15h 10m 08.97s
Declination	: - 8° 54' 48.3"
Object Type	: Quasar HP
ULDA Type	: 85
Redshift	: 0.360
Alternative Names	: PKS 1510-089, OR -017



### Observed Spectra

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1699 Å	2991 Å	CEB	Flag
											10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>	
1	LWR	10806	L	44763.0	7 Jun 81	13200.0				0.22		333
2	LWR	13093	L	45088.0	28 Apr 82	1740.0				0.62		03 D
3	SWP	16848	L	45088.0	28 Apr 82	6600.0			0.02			03
4	SWP	19054	L	45356.0	21 Jan 83	24480.0			0.37			232
5	SWP	22101	L	45725.0	25 Jan 84	12000.0			0.20			332

### X-Ray Spectra

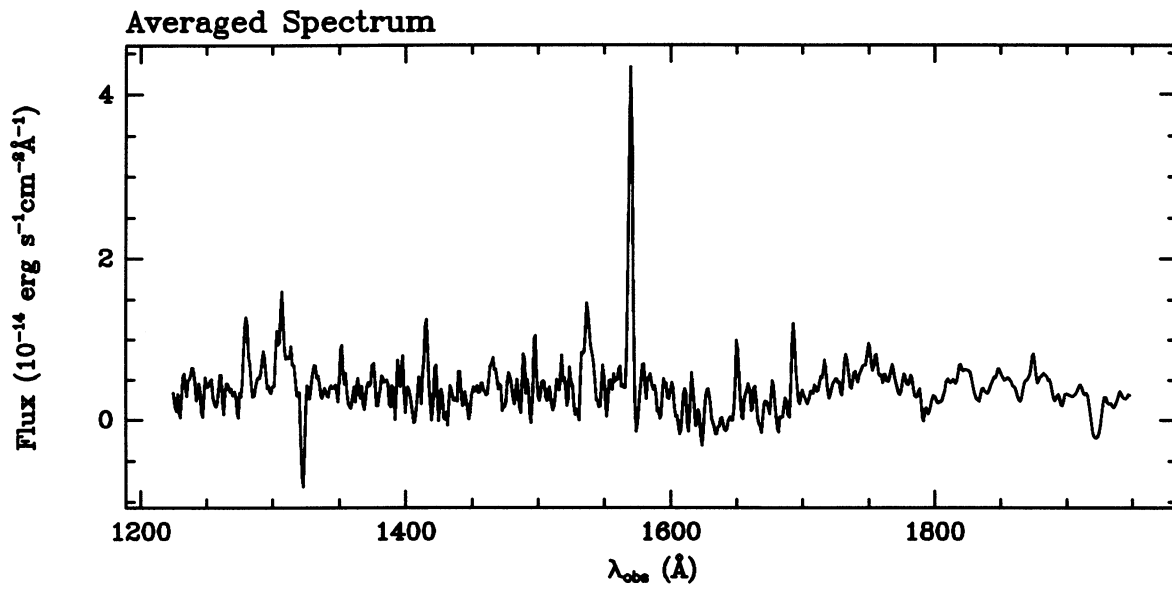
- EINSTEIN            • 422                            • 716                            • 1263
- EXOSAT             • 954                            • 1734

### References

- 6            • 8            • 14            • 18            • 68            • 85            • 207            • 214
- 302        • 320        • 498        • 504        • 522        • 590        • 603        • 662
- 669        • 684        • 729        • 730        • 743        • 745        • 804        • 845

**AOO CASEG 657**

Right Ascension	:	15h 10m 33.00s
Declination	:	47° 27' 42.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.054
Alternative Names	:	

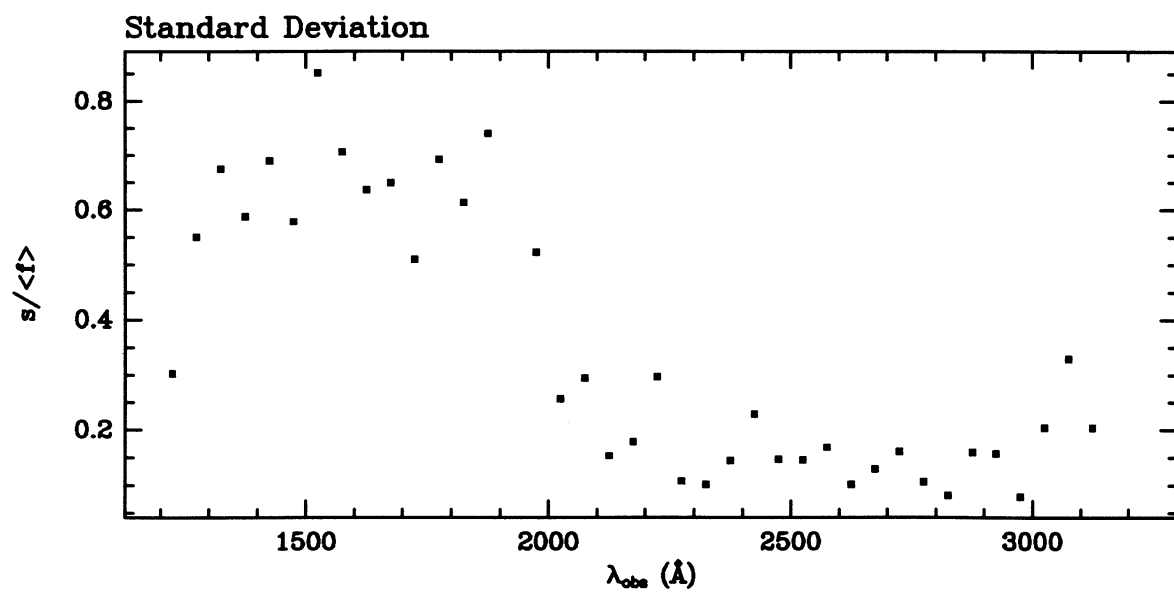
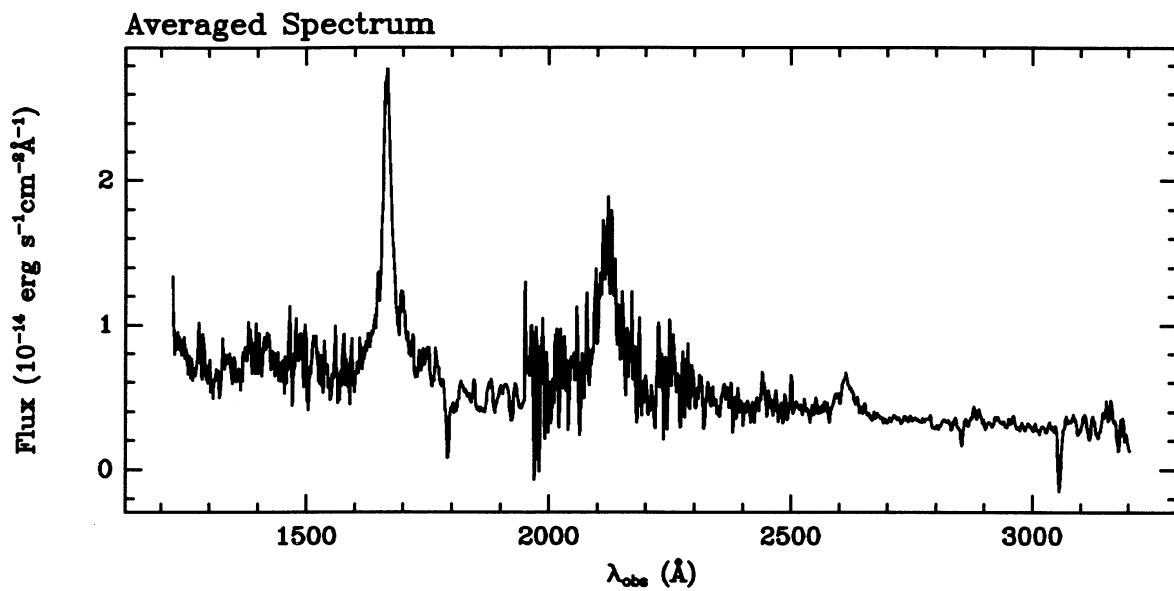
**Observed Spectra**

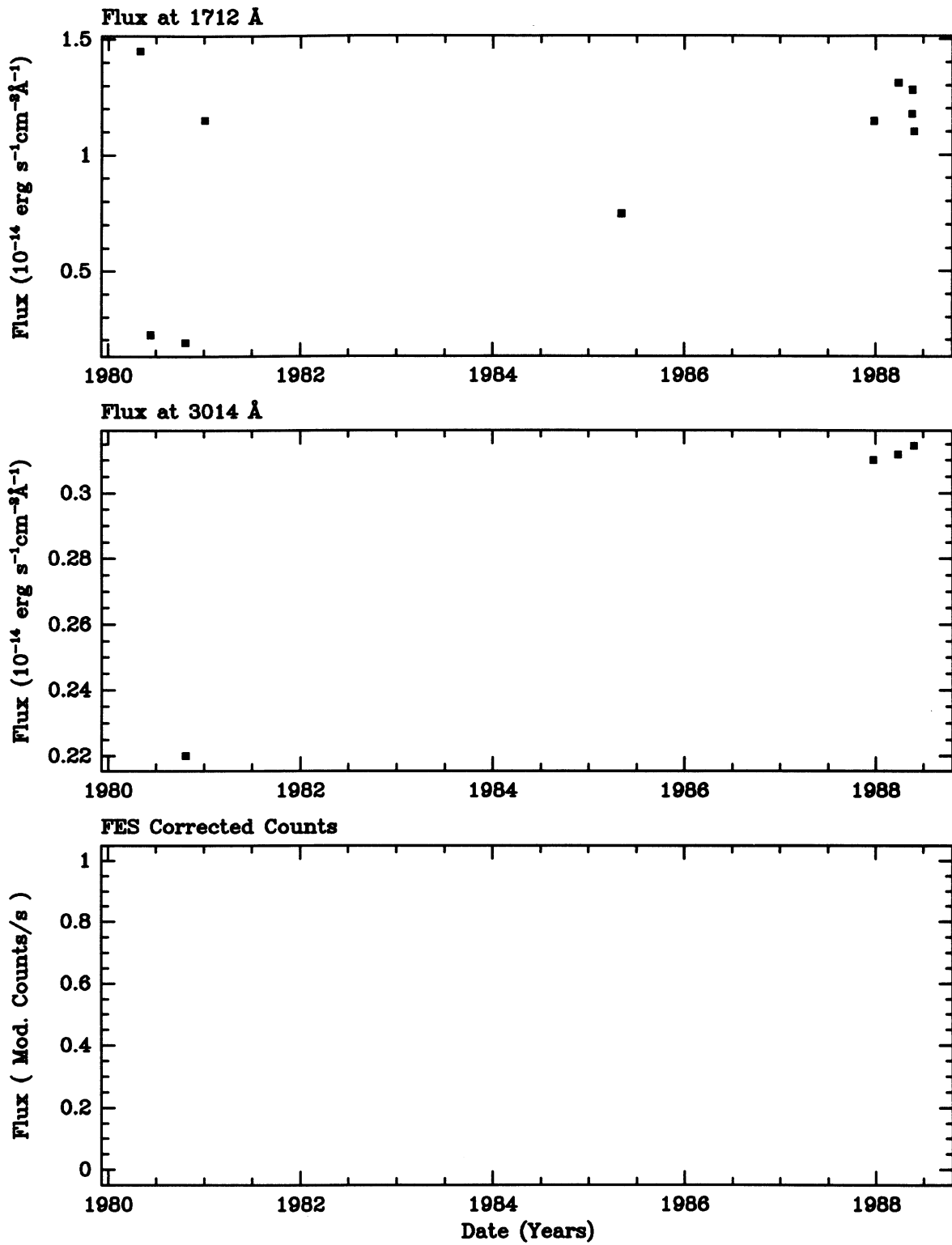
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1317 Å	2318 Å	CEB	Flag
1	SWP	31473	L	47012.0	4 Aug 87	24720.0			0.51			3x7



**PG 1512+370**

Right Ascension	: 15h 12m 46.86s
Declination	: 37° 01' 55.9"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.370
Alternative Names	: 4C 37.43, OR 321





**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1712 Å	3014 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	8880	L	44361.0	1 May 80	22980.0			1.45			354
2	SWP	9258	L	44402.0	11 Jun 80	24000.0			0.22			06
3	LWR	9133	L	44536.0	23 Oct 80	24960.0				0.22		458
4	SWP	10460	L	44536.0	23 Oct 80	16200.0						063
5	SWP	10460	S	44536.0	23 Oct 80	16200.0						033
6	SWP	10461	S	44536.0	23 Oct 80	6300.0						041
7	SWP	10461	L	44536.0	23 Oct 80	6300.0			0.19			041
8	SWP	10954	L	44609.0	4 Jan 81	11700.0			1.15			336
9	SWP	25873	L	46192.0	6 May 85	23220.0			0.75			343
10	LWP	12368	L	47154.0	24 Dec 87	23700.0				0.31		404
11	SWP	32618	L	47155.0	25 Dec 87	23580.0			1.15			353
12	LWP	12932	L	47248.0	27 Mar 88	22080.0				0.31		406
13	SWP	33172	L	47249.0	28 Mar 88	22140.0			1.31			352
14	SWP	33581	L	47302.0	20 May 88	15900.0			1.18			346
15	SWP	33592	L	47303.0	21 May 88	23400.0			1.28			348
16	SWP	33649	L	47309.0	27 May 88	24300.0			1.10			353
17	LWP	13320	L	47310.0	28 May 88	24360.0				0.31		446

**X-Ray Spectra**

EINSTEIN • 693

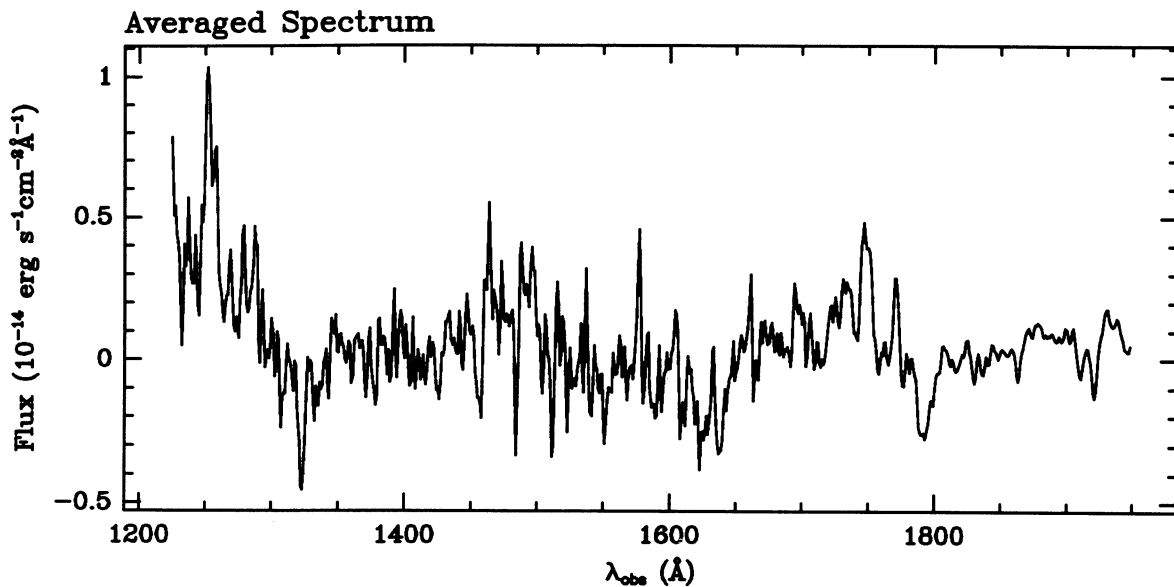
EXOSAT • 1680

**References**

- 14      • 85      • 302      • 320      • 406      • 423      • 504      • 545
- 556      • 598      • 603      • 621      • 701      • 729      • 730      • 745
- 747      • 801      • 804      • 830      • 832      • 842      • 879      • 930

**QSO 1514+072**

Right Ascension	:	15h 14m 17.00s
Declination	:	7° 12' 17.0"
Object Type	:	Seyfert 2
ULDA Type	:	86,88
Redshift	:	0.035
Alternative Names	:	ABCG 2052, 3C 317, 4C 7.40
	:	PKS 1514+072, OR 023, NRAO 474

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1293 Å	2277 Å	CEB	Flag
1	SWP	6330	L	44116.0	30 Aug 79	23940.0			0.07		12	
2	SWP	24909	L	46081.0	15 Jan 85	47700.0			0.15		09	

**X-Ray Spectra**

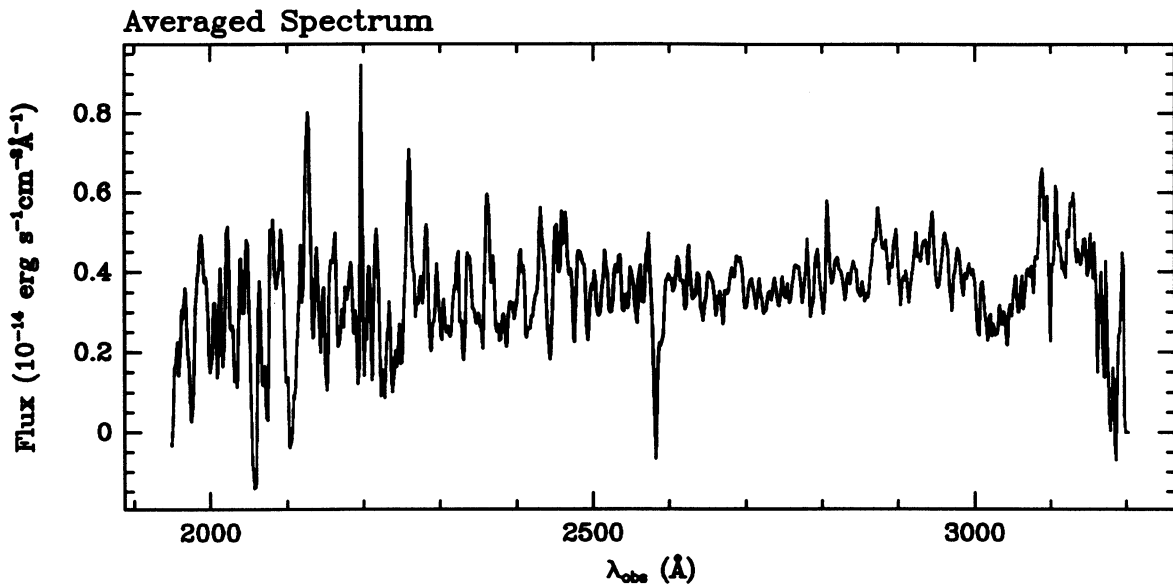
EINSTEIN	• 390	• 703	• 1107	• 1269
	• 1270			
EXOSAT	• 939	• 1446		

**References**

• 164    • 285    • 499    • 779    • 799

**V\* AP LIB**

Right Ascension	: 15h 14m 45.28s
Declination	: -24° 11' 22.7"
Object Type	: BL Lac HP
ULDA Type	: 87
Redshift	: 0.049
Alternative Names	: PKS 1514-241, OK -225
	: 1E 1514.7-2411, QSO 1514-241

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1311 Å	2307 Å	CEB	Flag
1	LWR 5421 L	44108.0	22 Aug 79	24600.0			0.40	408		
2	LWR 16614 L	45564.0	17 Aug 83	24180.0			0.20	319		

**X-Ray Spectra**

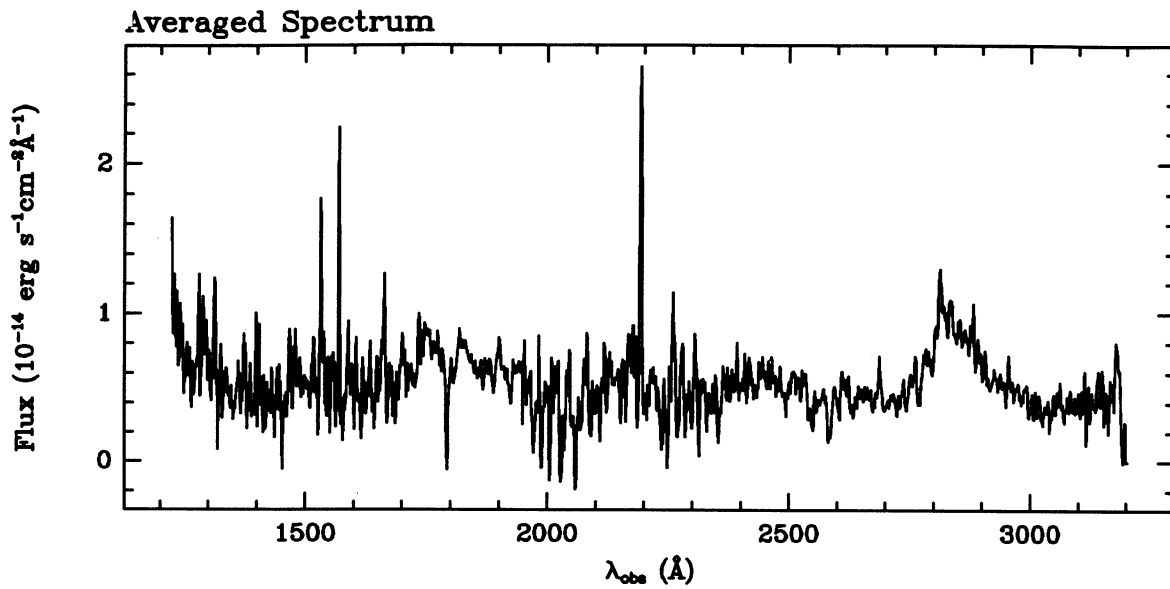
EINSTEIN           • 156                   • 423                   • 1246                   • 1253  
EXOSAT             • 96

**References**

• 238           • 522           • 526

**PG 1522+101**

Right Ascension	:	15h 22m 00.00s
Declination	:	10° 09' 03.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.321
Alternative Names	:	QSO 1522+101

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWR 13008 L	45072.0	12 Apr 82	24600.0						
2	SWP 17098 L	45123.0	2 Jun 82	21420.0			0.59	0.41	3x7	307
3	SWP 19840 L	45453.0	28 Apr 83	21720.0			0.56		303	

**X-Ray Spectra**

EINSTEIN           • 106                   • 118                   • 381                   • 677  
                          • 1100

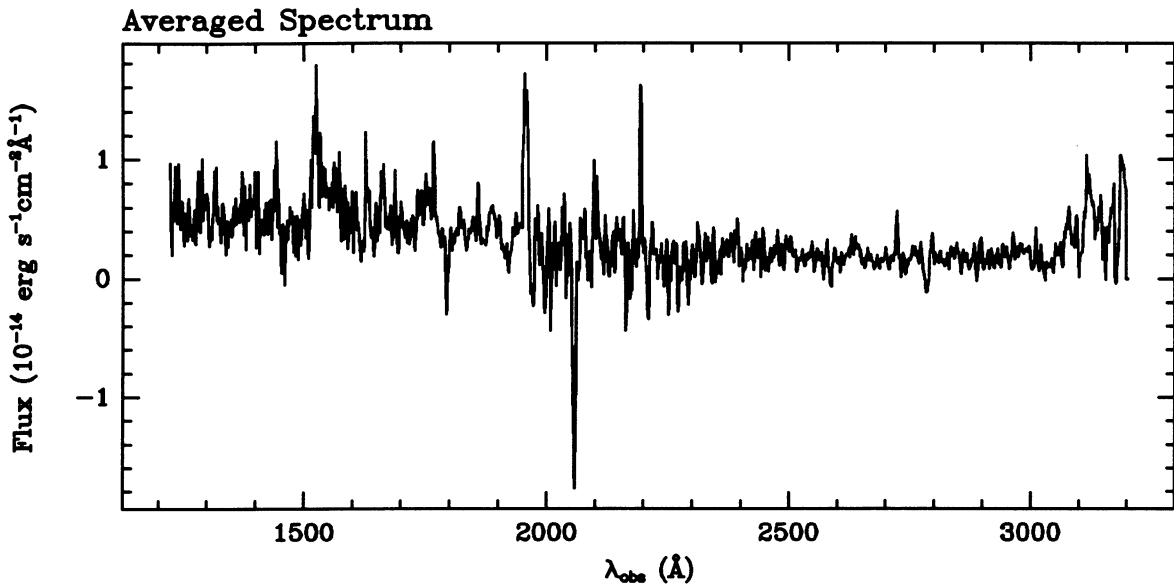
EXOSAT             • 908                   • 2058

**References**

• 312      • 621      • 701      • 729      • 801      • 832

### QSO 1525+227

Right Ascension	:	15h 25m 45.69s
Declination	:	22° 43' 25.3"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.253
Alternative Names	:	LB 9743, OR 241
	:	B2 1525+22.7, PG 1525+227



### Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1566 Å	2756 Å	CEB	Flag
1	LWR 15070 L	45353.0	18 Jan 83	25800.0					309	
2	SWP 22204 L	45735.0	4 Feb 84	21600.0			0.69	0.16	237	

### X-Ray Spectra

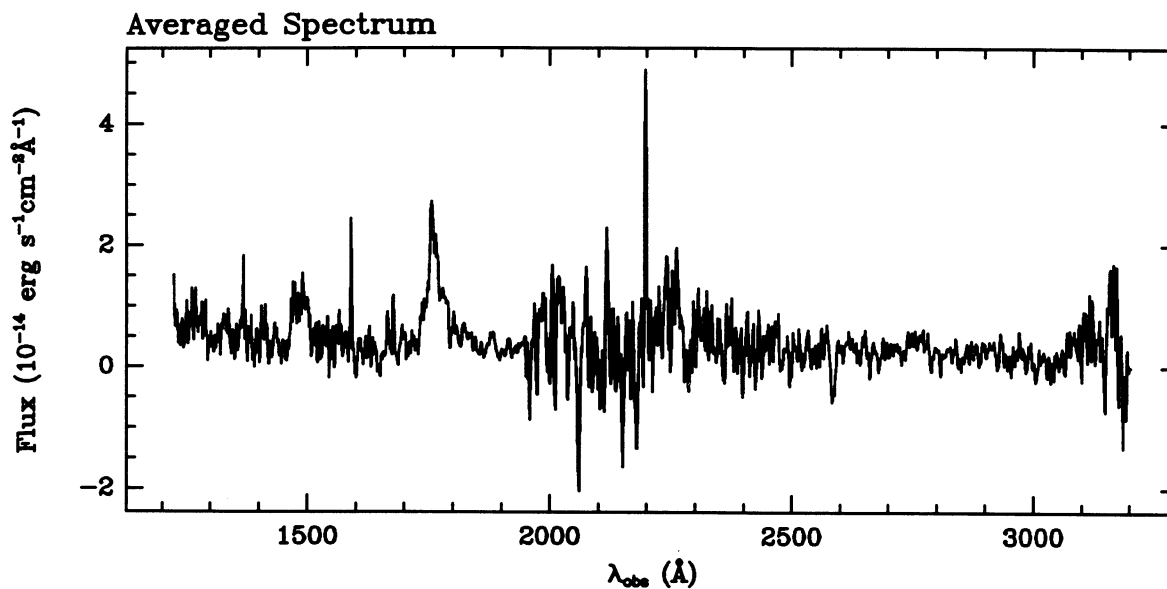
EINSTEIN            • 104                    • 105                    • 124                    • 694  
                              • 1070                   • 1081                   • 1089                   • 1273

### References

• 302        • 504        • 590        • 603        • 653        • 842        • 879

## QSO 1526+285

Right Ascension	:	15h 26m 34.00s
Declination	:	28° 35' 41.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.450
Alternative Names	:	1E 1526+28.6, TON 236



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1812 Å	3000 Å	CEB	Flag
1	LWR	15900	L	45465.0	10 May 83	6900.0						
2	SWP	19949	L	45465.0	10 May 83	14400.0			0.58	0.12	304	334

### X-Ray Spectra

EINSTEIN                    • 125                    • 129                    • 433

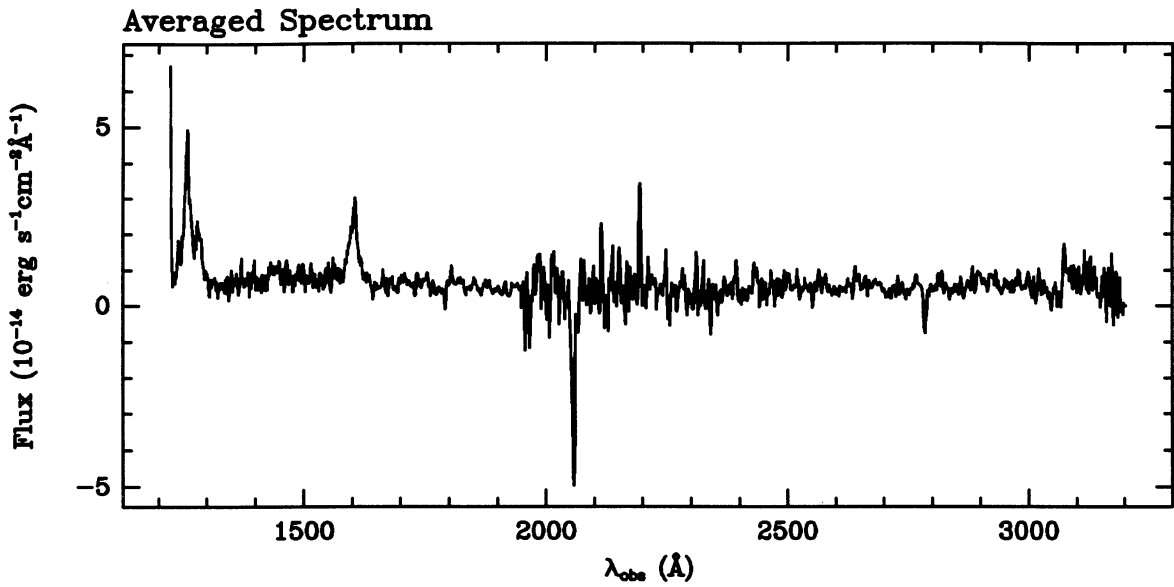
### References

• 729            • 730            • 745            • 817



**NGC 5940**

Right Ascension	:	15h 28m 48.15s
Declination	:	7° 38' 00.1"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.033
Alternative Names	:	UGC 9876, MCG+01-39-0025



**Observed Spectra**

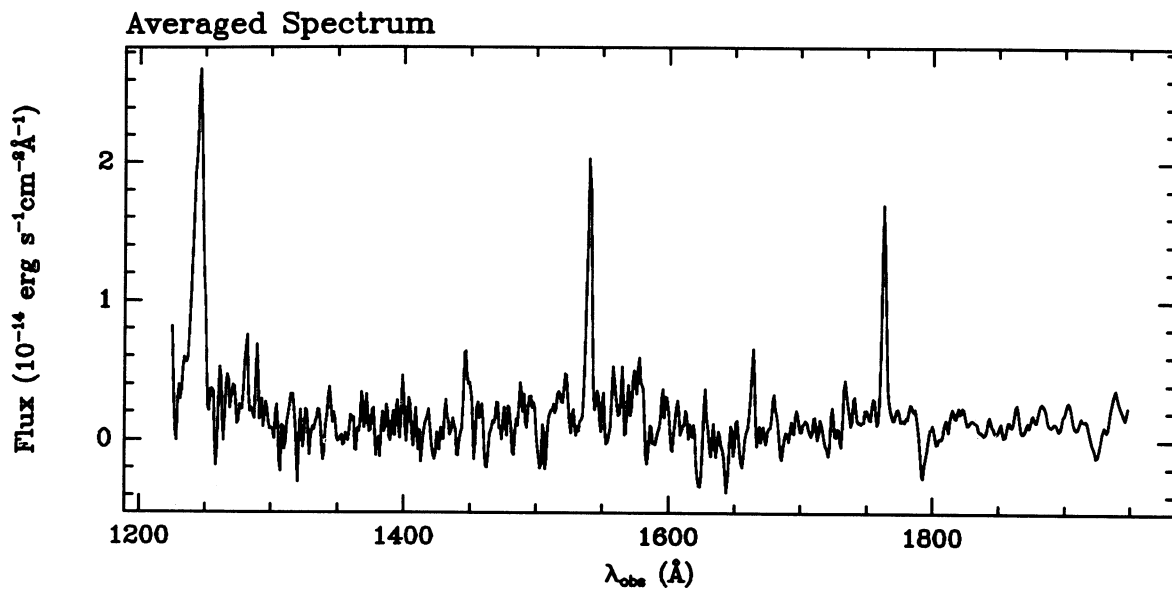
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1291 Å	2272 Å	CEB	Flag
1	LWR 16684 L	45575.0	28 Aug 83	10800.0	23	25.45	1.10	0.36	x09	
2	SWP 20821 L	45575.0	28 Aug 83	10800.0					334	
3	LWR 16693 L	45576.0	29 Aug 83	10800.0				0.35	309	
4	SWP 20832 L	45576.0	29 Aug 83	12600.0			1.59		334	

**X-Ray Spectra**

EINSTEIN	• 135	• 137	• 390	• 458
	• 461	• 703	• 1107	• 1270
EXOSAT	• 646	• 939	• 1446	

**AOO 1E 1530-08.5**

Right Ascension	:	15h 30m 37.00s
Declination	:	- 8° 31' 22.0"
Object Type	:	Seyfert 2
ULDA Type	:	88
Redshift	:	0.023
Alternative Names	:	EQ 1530-085

**Observed Spectra**

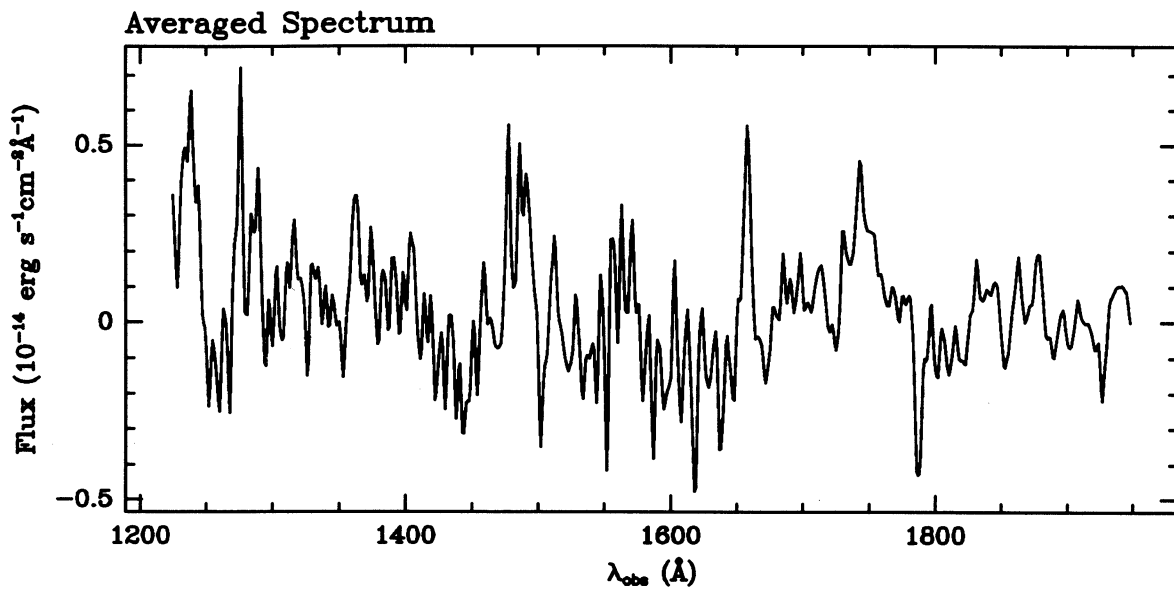
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1278 Å	2250 Å	CEB	Flag
1	SWP 20074 L	45481.0	26 May 83	21900.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.27		333

**References**

• 512

**NGC 5953**

Right Ascension	: 15h 32m 13.20s
Declination	: 15° 21' 40.0"
Object Type	: Seyfert 2
ULDA Type	: 88
Redshift	: 0.007
Alternative Names	: UGC 9903, MCG+03-40-0005
	: NGC 5953 4, IRAS 15322+1521

**Observed Spectra**

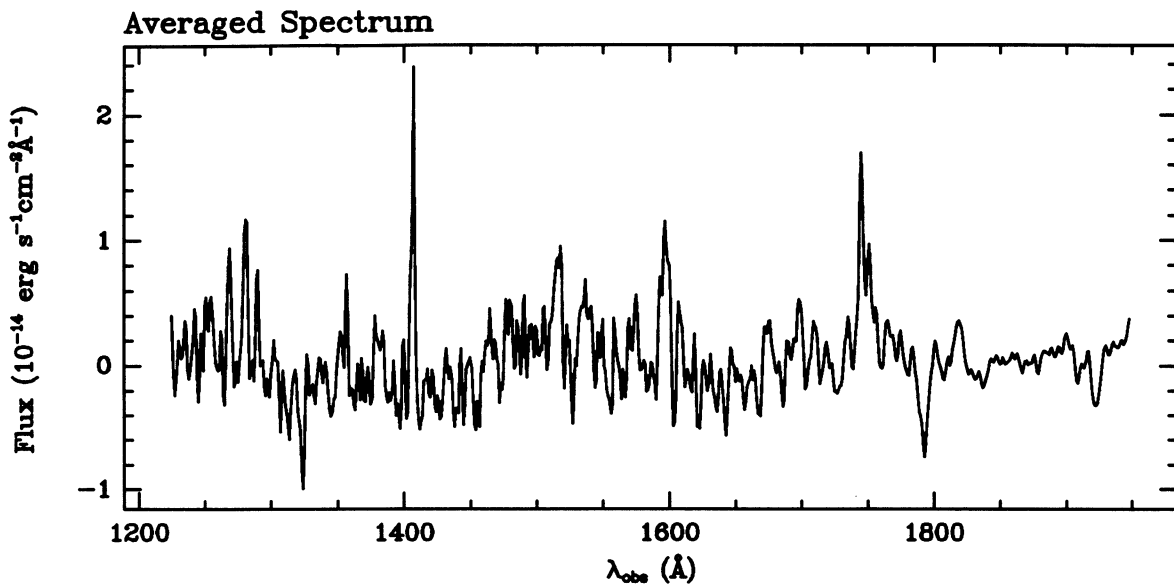
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1258 Å	2215 Å	CEB	Flag
1	SWP 9319 L	44410.0	19 Jun 80	14400.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.14		113

**References**

• 167

**IC 4553**

Right Ascension	: 15h 32m 48.15s
Declination	: 23° 40' 00.2"
Object Type	: Seyfert 2
ULDA Type	: 86
Redshift	: 0.018
Alternative Names	: IC 4554, UGC 9913
	: MCG+04-37-0005, IRAS 15327+2340

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1272 $\text{\AA}$	2239 $\text{\AA}$	CEB	Flag
1	SWP 23857 L	45946.0	2 Sep 84	20700.0	26	30.16	0.24			05

**X-Ray Spectra**

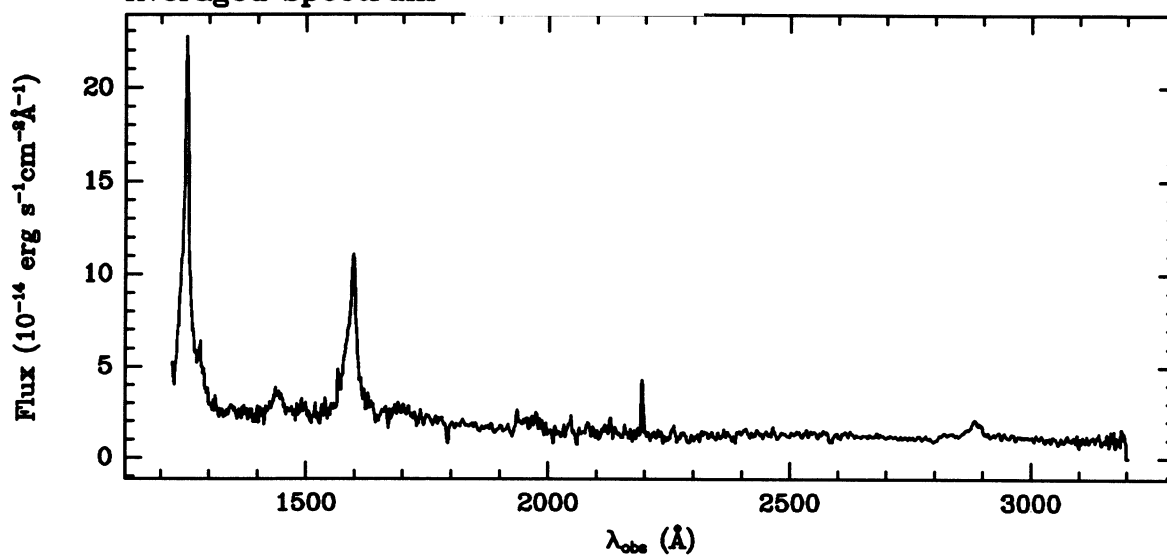
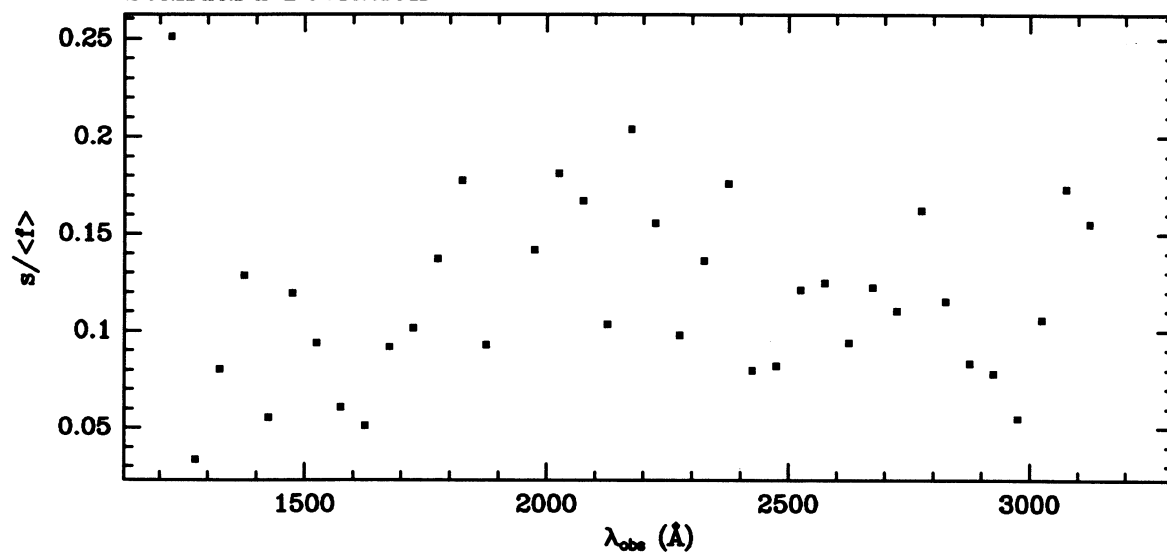
EINSTEIN                    • 161                    • 459                    • 1084                    • 1271  
                                      • 1272

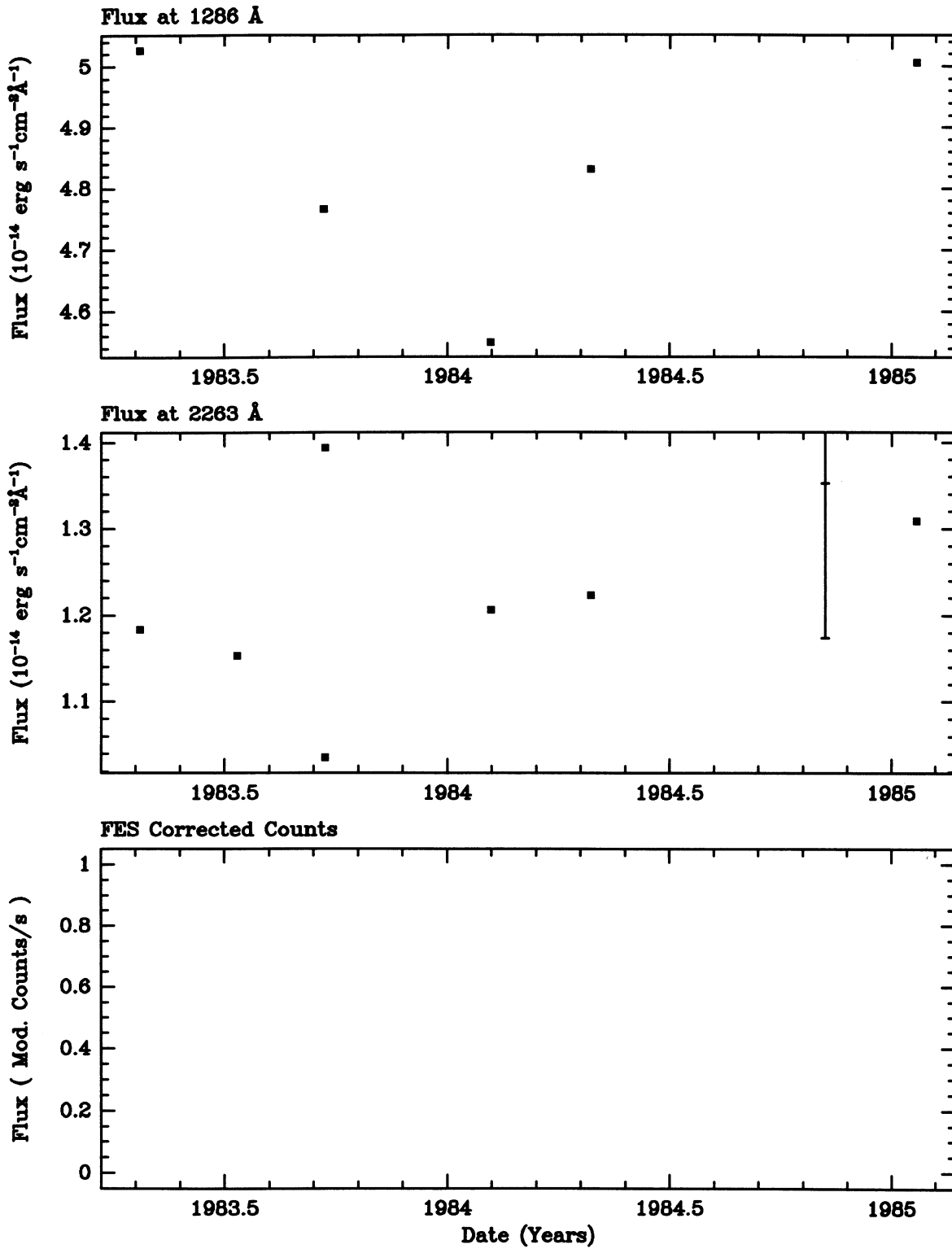
**References**

• 319      • 337      • 666      • 702      • 793      • 836      • 847

**MRK 290**

Right Ascension	: 15h 34m 45.40s
Declination	: 58° 04' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.029
Alternative Names	: QSO 1534+580, PG 1534+580

**Averaged Spectrum****Standard Deviation**



## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1286 Å	2263 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	15804	L	45448.0	23 Apr 83	9900.0						454
2	SWP	19801	L	45448.0	23 Apr 83	7800.0			5.03	1.18		352
3	LWR	16338	L	45528.0	12 Jul 83	19920.0				1.15		568
4	SWP	21125	L	45599.0	21 Sep 83	18000.0			4.77			355 D
5	LWR	16842	L	45600.0	22 Sep 83	4500.0				1.39		332
6	LWR	16850	L	45600.0	22 Sep 83	22500.0				1.04		4x6
7	LWR	17239	L	45736.0	5 Feb 84	6600.0				1.21		333
8	SWP	22206	L	45736.0	5 Feb 84	6300.0			4.55			344
9	LWP	3231	L	45818.0	27 Apr 84	9000.0				1.22		4x9 D
10	SWP	22862	L	45818.0	27 Apr 84	9000.0			4.83			354
11	LWP	5245	L	46087.0	21 Jan 85	7200.0				1.31		403 D
12	SWP	24943	L	46087.0	21 Jan 85	6600.0			5.01			342

## X-Ray Spectra

EINSTEIN • 409

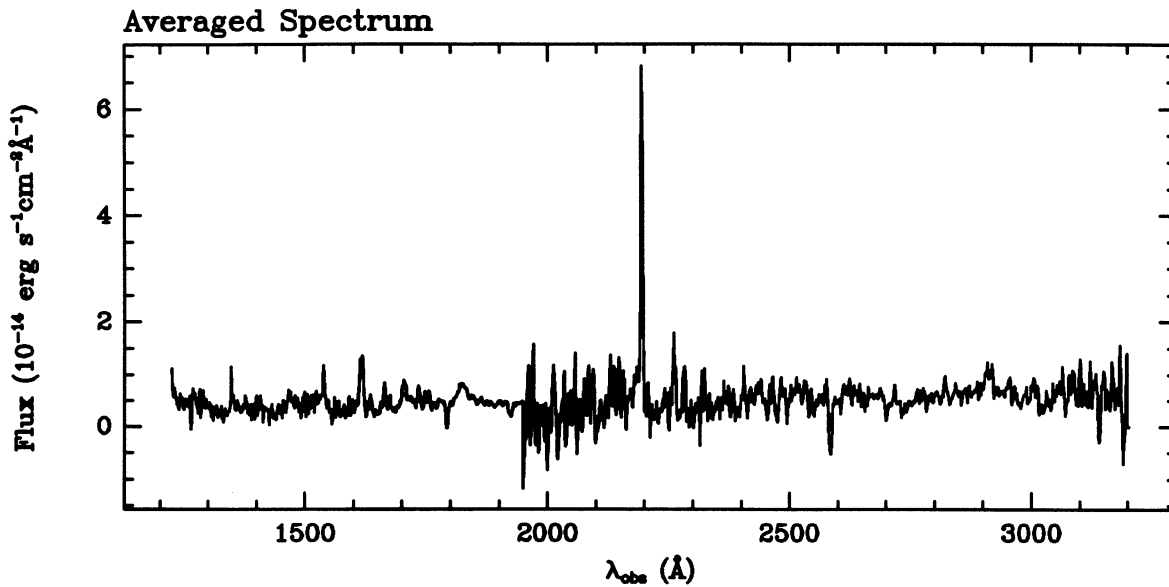
EXOSAT • 453 • 2063

## References

- 81      • 85      • 135      • 145      • 146      • 151      • 163      • 254
- 284      • 315      • 320      • 394      • 427      • 593      • 611      • 621
- 717      • 776      • 804      • 816      • 832

**MRK 486**

Right Ascension	:	15h 35m 21.50s
Declination	:	54° 43' 04.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.039
Alternative Names	:	ZW I 121, PG 1535+547

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1298 Å	2285 Å	CEB	Flag
1	LWR	14264	L	45239.0	26 Sep 82	9000.0						305
2	SWP	18112	L	45239.0	26 Sep 82	11700.0			0.18	0.45		324
3	SWP	18581	L	45291.0	17 Nov 82	24000.0			0.42			336
4	SWP	22932	L	45828.0	7 May 84	51600.0			0.50			x39

**X-Ray Spectra**

<b>EINSTEIN</b>	• 286	• 410	• 1242
<b>EXOSAT</b>	• 784	• 785	• 788

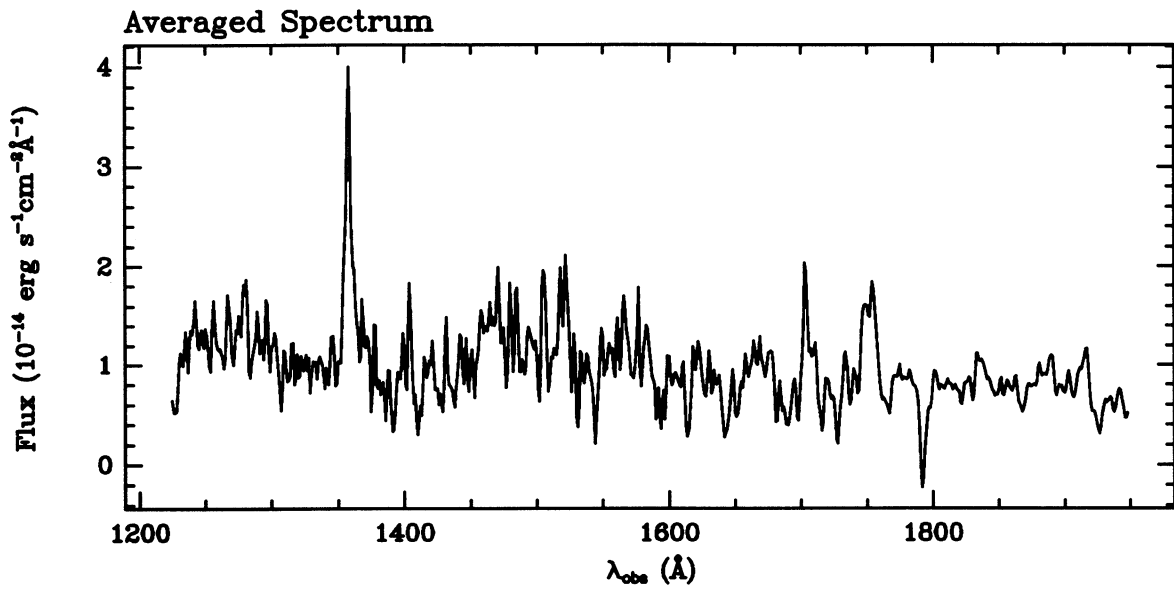
**References**

• 8	• 85	• 135	• 143	• 145	• 146	• 151	• 163
• 284	• 315	• 320	• 394	• 593	• 611	• 621	• 804
• 816	• 832						



**MRK 487**

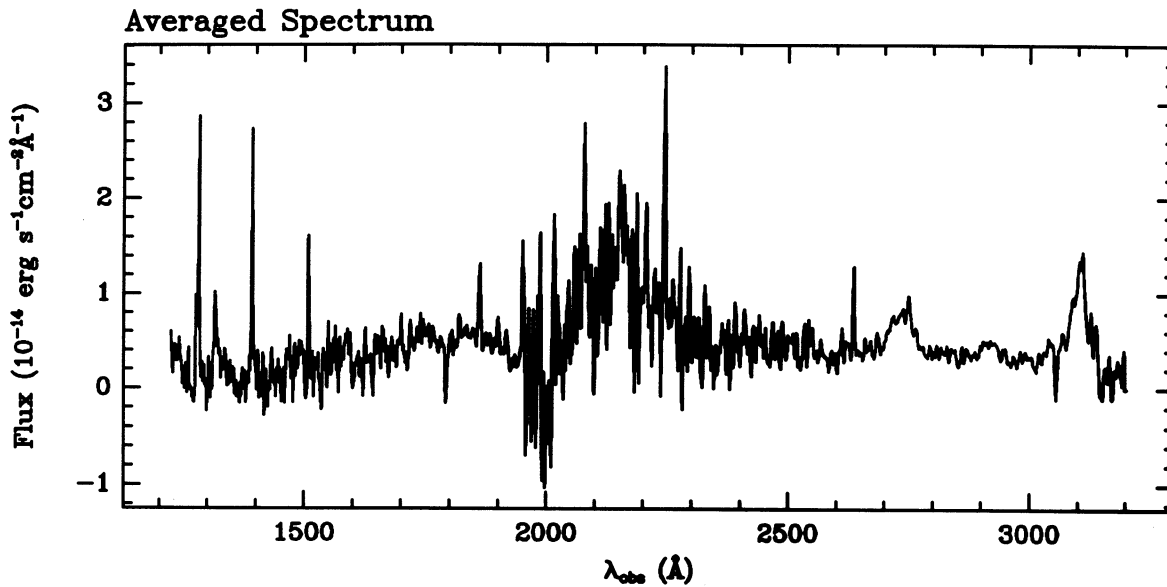
Right Ascension	:	15h 35m 48.40s
Declination	:	55° 25' 34.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.003
Alternative Names	:	ZW I 123, IRAS 15358+5525

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	SWP 19697 L	45435.0	10 Apr 83	14400.0				$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	1.25	305

**PG 1538+477**

Right Ascension	:	15h 38m 00.60s
Declination	:	47° 45' 15.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.770
Alternative Names	:	QSO 1538+476

**Observed Spectra**

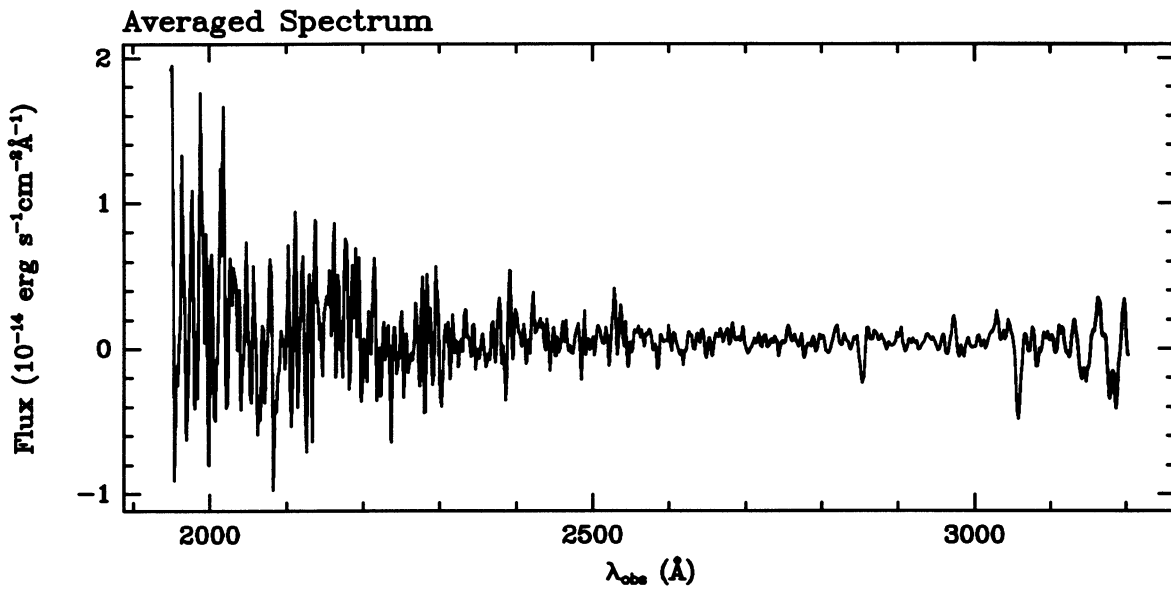
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2212 Å	3000 Å	CEB	Flag
1	SWP 31240 L	46971.0	24 Jun 87	21000.0						307
2	LWP 11382 L	47021.0	13 Aug 87	11400.0			0.92	0.31		335 D
3	SWP 31555 L	47021.0	13 Aug 87	12300.0						305

**X-Ray Spectra**

EINSTEIN	• 365	• 399	
EXOSAT	• 486	• 681	• 1343

### QSO 1538+149

Right Ascension	:	15h 38m 30.32s
Declination	:	14° 57' 21.8"
Object Type	:	BL lac HP
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	4C 14.60, OR 165



### Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWP 13783 L	47376.0	2 Aug 88	9960.0				0.15	204	

### X-Ray Spectra

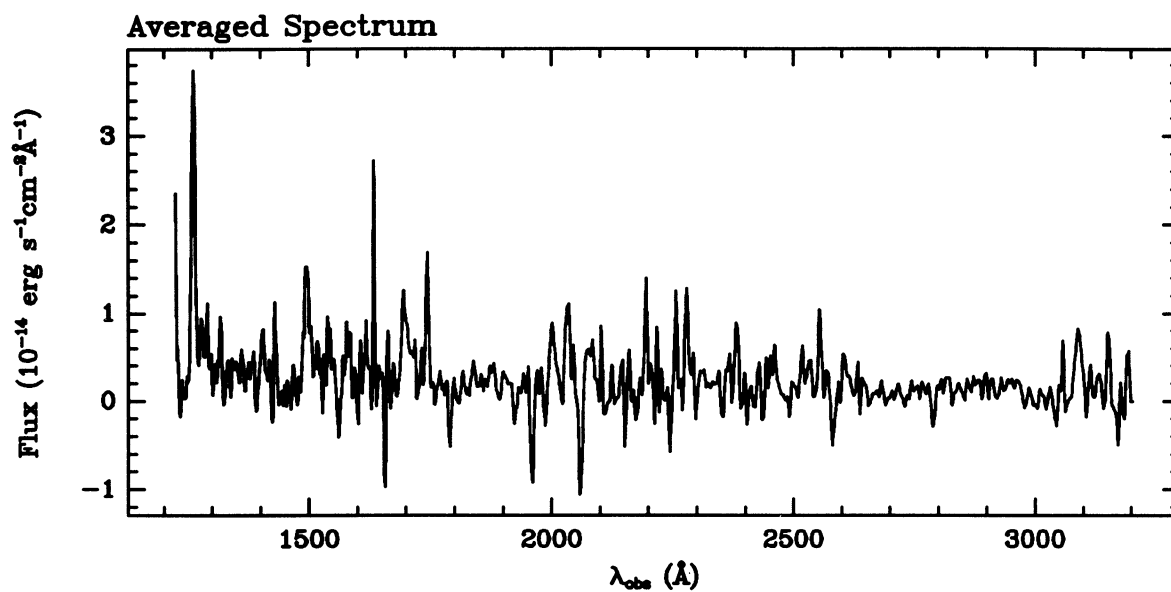
<b>EINSTEIN</b>	• 112	• 117	• 122	• 132
	• 382	• 441	• 685	• 1068
	• 1196			
<b>EXOSAT</b>	• 598			

### References

- 279
- 527

## AOO PKS 1543+091

Right Ascension	:	15h 43m 18.00s
Declination	:	9° 07' 18.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.037
Alternative Names	:	



### Observed Spectra

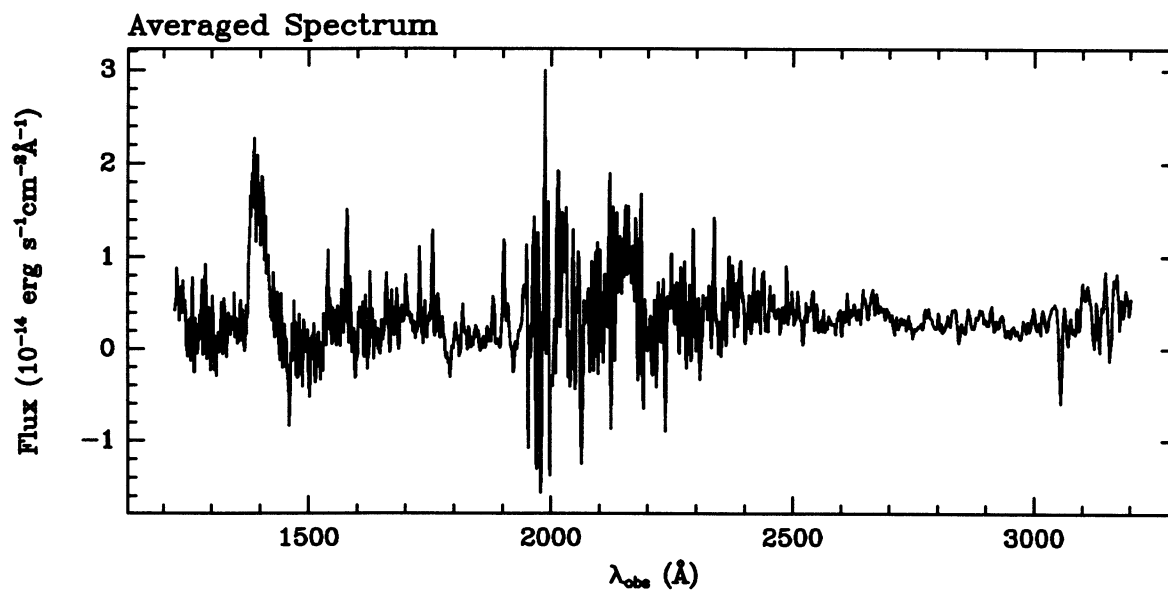
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1296 Å	2281 Å	CEB	Flag
1	LWR 5708 L	44145.0	28 Sep 79	11760.0						304
2	SWP 6654 L	44145.0	28 Sep 79	5399.0			0.42	0.41		331
3	SWP 6698 L	44148.0	1 Oct 79	21120.0			0.70			339

### References

- 331
- 682

**PG 1543+489**

Right Ascension	:	15h 43m 59.80s
Declination	:	48° 55' 30.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.400
Alternative Names	:	QSO 1543+489

**Observed Spectra**

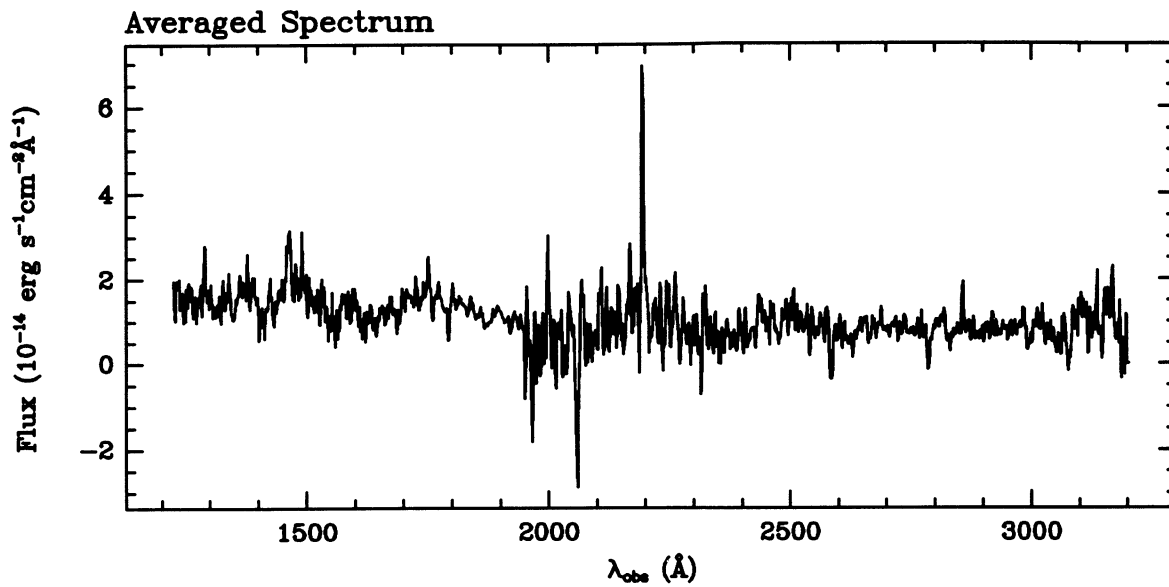
#	Observation		Date		Exposure Time s	FES		Flux		Code	
			MJD	Civilian		Raw	Corr.	1750 Å	3080 Å	CEB	Flag
1	SWP	32529	L	47145.0	15 Dec 87	10080.0			0.41		02
2	LWP	12359	L	47152.0	22 Dec 87	8100.0				0.26	335

**References**

- 603      • 621      • 801      • 815      • 832

## NGC 5996

Right Ascension	:	15h 44m 43.20s
Declination	:	18° 02' 22.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.011
Alternative Names	:	MCG+03-40-0039, UGC 10033 B
	:	MRK 691, IRAS 15447+1802



## Observed Spectra

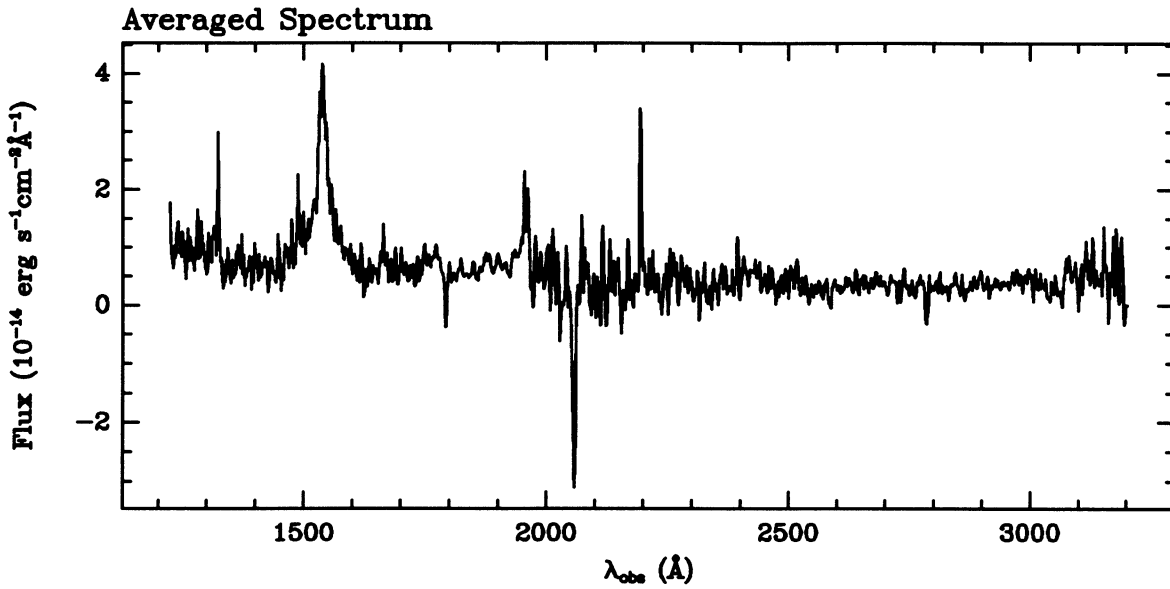
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
1	LWR 15208 L	45373.0	7 Feb 83	9000.0	33	35.76	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	1.07	307	
2	SWP 19219 L	45373.0	7 Feb 83	16200.0	33	35.76	1.54		305	

## References

- 193
- 375
- 942

**QSO 1545+210**

Right Ascension	: 15h 45m 31.09s
Declination	: 21° 01' 27.5"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.264
Alternative Names	: 3C 323.1, 4C 21.45, NRAO 483, OR 276
	: PKS 1545+210, 1E 1545.5+2101, IRAS 1545+210



**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1580 Å	2780 Å	CEB	Flag
				s	cts/s	10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>				
1	SWP 20764 L	45571.0	24 Aug 83	25680.0		1.00		338		
2	LWR 16665 L	45572.0	25 Aug 83	20160.0			0.27	337		
3	LWR 16677 L	45574.0	27 Aug 83	10200.0			0.21	309		
4	SWP 20816 L	45574.0	27 Aug 83	12000.0		1.21		334		

**X-Ray Spectra**

- EINSTEIN
- 138
  - 434
  - 435
  - 436
- 466
  - 473
  - 474
  - 684
- 695

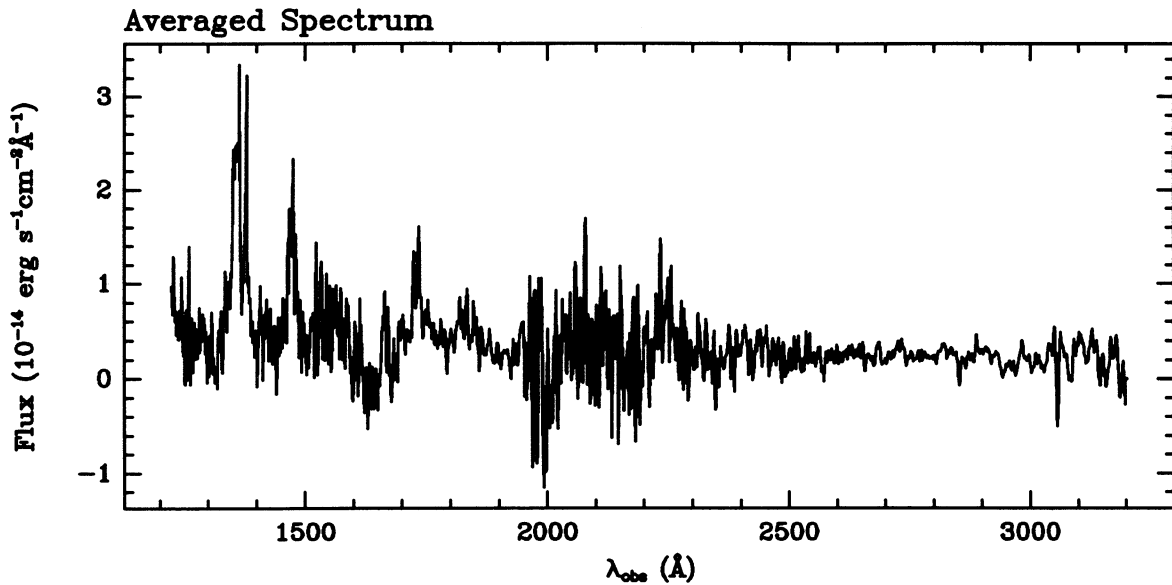
**References**

- 9
- 85
- 164
- 284
- 302
- 315
- 320
- 504
- 525
- 590
- 603
- 621
- 656
- 662
- 729
- 730
- 776
- 801
- 816
- 823
- 829
- 830
- 832
- 842
- 879
- 930



**PG 1552+085**

Right Ascension	:	15h 52m 19.20s
Declination	:	8° 31' 06.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.119
Alternative Names	:	QSO 1552+085

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1398 Å	2461 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 8119 L	46549.0	28 Apr 86	8400.0				0.17	224	D
2	SWP 28237 L	46549.0	28 Apr 86	10200.0			0.77	0.42	333	
3	LWP 10830 L	46941.0	25 May 87	15000.0					09	D

**X-Ray Spectra**

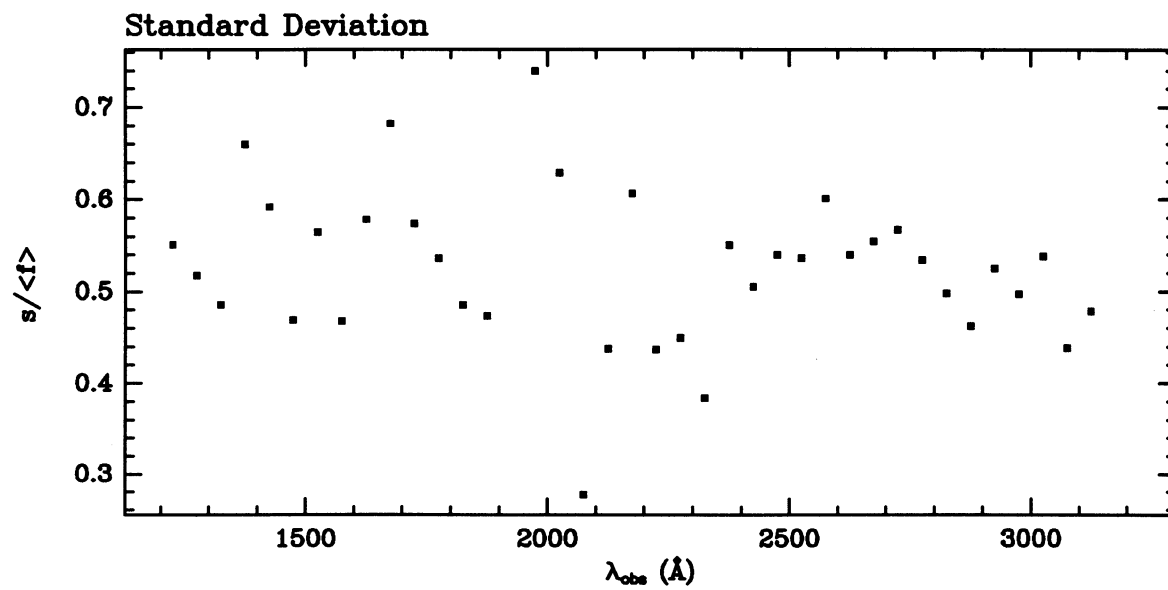
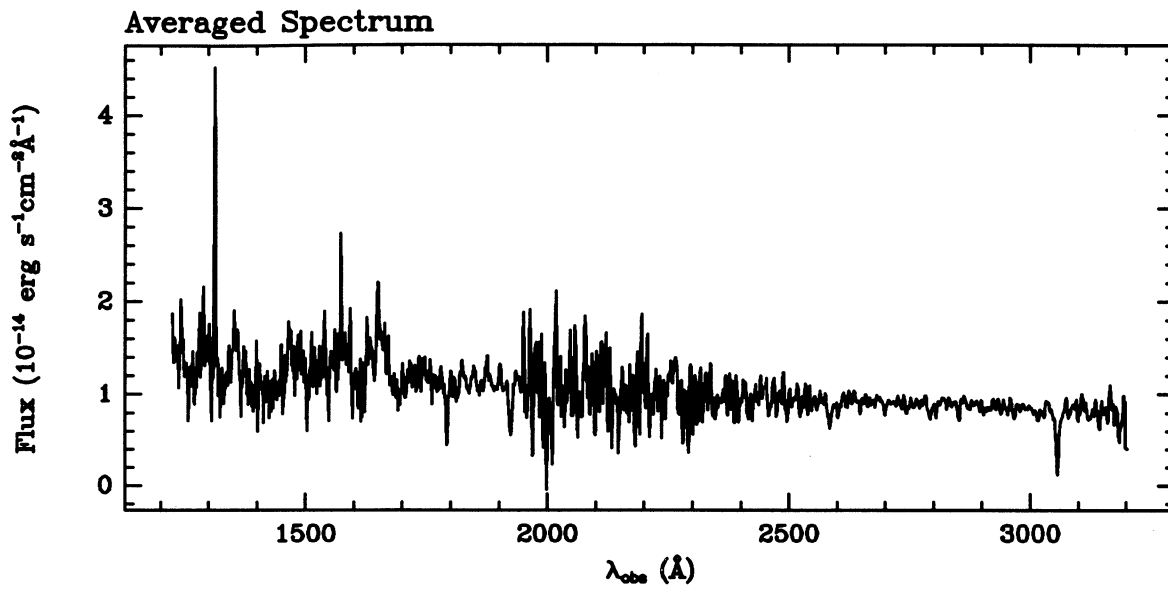
EINSTEIN           • 440                   • 710                   • 1278  
EXOSAT             • 646

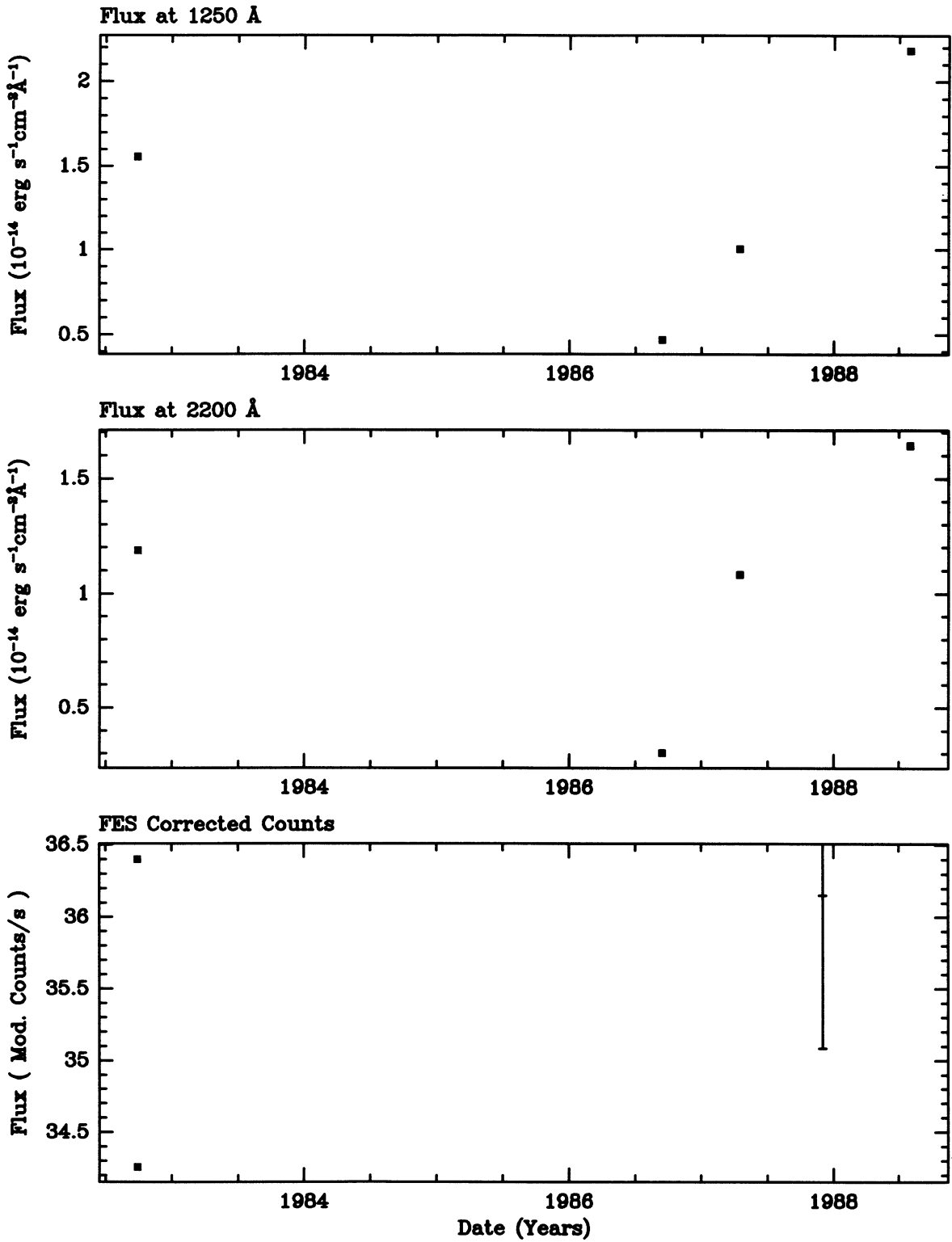
**References**

• 621      • 776      • 830      • 832      • 842

**PG 1553+110**

Right Ascension	: 15h 53m 20.80s
Declination	: 11° 20' 03.0"
Object Type	: BL Lac
ULDA Type	: 87
Redshift	: Unknown
Alternative Names	: PG 1553+11





## 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	LWR	14289	L	45242.0	29 Sep 82	14400.0	32	34.26		1.19	404	
2	SWP	18148	L	45242.0	29 Sep 82	8640.0	34	36.40	1.56		307	
3	LWP	9081	L	46689.0	15 Sep 86	11100.0				0.30	306	D
4	SWP	29216	L	46689.0	15 Sep 86	12600.0			0.47		304	
5	LWP	10595	L	46903.0	17 Apr 87	10500.0				1.08	405	D
6	SWP	30798	L	46903.0	17 Apr 87	10200.0			1.01		303	
7	SWP	34008	L	47375.0	1 Aug 88	20040.0			2.18		403	
8	LWP	13782	L	47376.0	2 Aug 88	9600.0				1.64	504	

## X-Ray Spectra

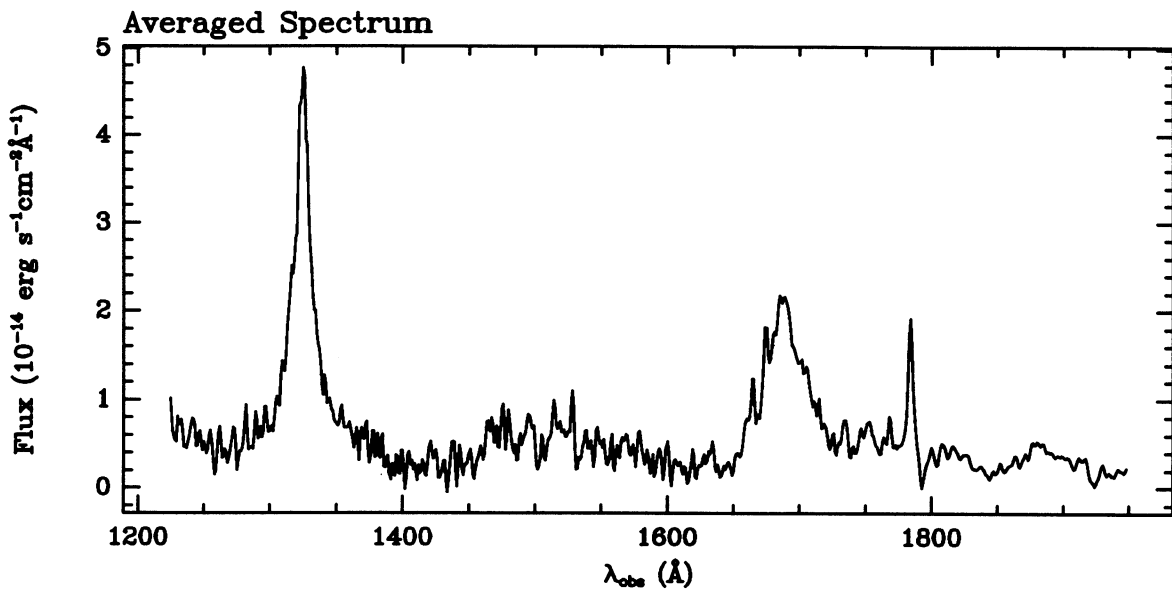
EINSTEIN	• 107	• 119	• 136	• 149
	• 442	• 1096	• 1275	
EXOSAT	• 908	• 2058		

## References

• 222	• 752	• 815	• 938
-------	-------	-------	-------

**AOO 1E 1556+27.4**

Right Ascension	:	15h 56m 25.20s
Declination	:	27° 25' 39.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.090
Alternative Names	:	EQ 1556+274



**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1302 Å	2398 Å	CEB	Flag
1	SWP 20075 L	45481.0	26 May 83	23700.0			0.69			346

**X-Ray Spectra**

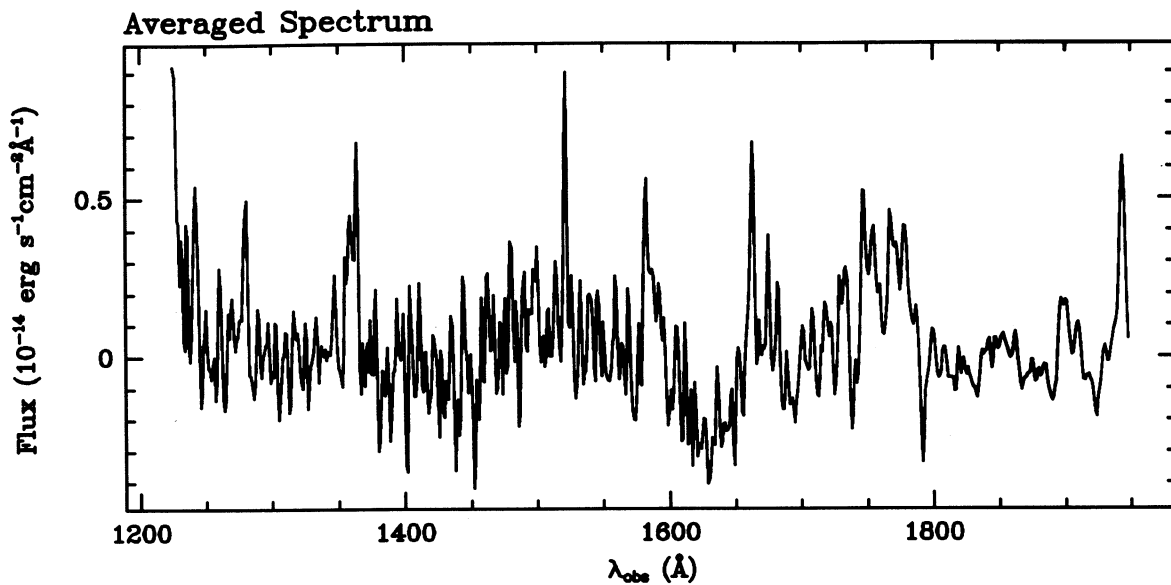
<b>EINSTEIN</b>	• 126	• 447	• 455	• 462
	• 475	• 699	• 735	
<b>EXOSAT</b>	• 1470	• 2062		

**References**

- 512

**MRK 492**

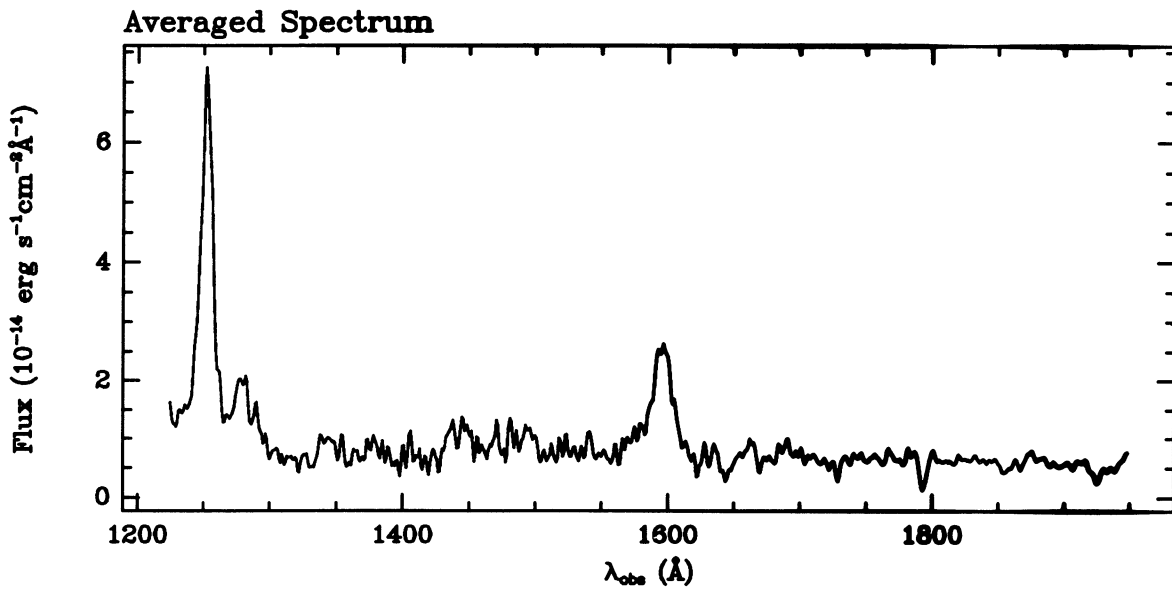
Right Ascension	:	15h 56m 39.00s
Declination	:	26° 57' 20.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.014
Alternative Names	:	MCG+05-38-0006, IRAS 15566+2657

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1267 $\text{\AA}$	2230 $\text{\AA}$	CEB	Flag
1	SWP 18816 L	45322.0	18 Dec 82	25740.0			0.07			103

**MRK 493**

Right Ascension	: 15h 57m 16.60s
Declination	: 35° 10' 13.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.031
Alternative Names	: UGC 10120, MCG+06-35-0017
	: IRAS 15572+3510, EQ 1557+351

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1288 Å	2268 Å	CEB	Flag
1	SWP 31044 L	46941.0	25 May 87	4200.0			1.43		231	
2	SWP 31646 L	47034.0	26 Aug 87	16200.0			1.51		345	
3	SWP 33635 L	47307.0	25 May 88	14400.0			1.10		344	
4	SWP 33650 L	47309.0	27 May 88	14400.0			1.24		334	
5	SWP 33658 L	47310.0	28 May 88	14400.0			1.03		344	

**X-Ray Spectra**

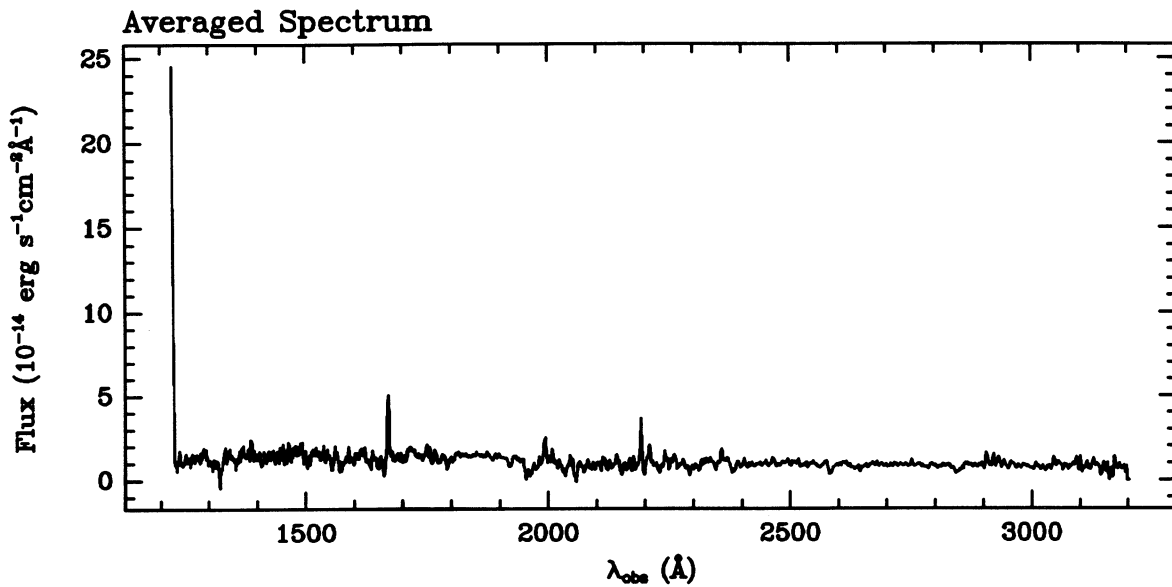
EINSTEIN                      • 123                      • 1092

**References**

• 205            • 346            • 435            • 592            • 593            • 717            • 838

## NGC 6052

Right Ascension	: 16h 03m 01.20s
Declination	: 20° 40' 43.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.016
Alternative Names	: UGC 10182, MCG+04-38-0022, MRK 297
	: EQ 1603+206, IRAS 16030+2040



### Observed Spectra

#	Observation		Date		Exposure Time s	FES		Flux		Code	
			MJD	Civilian		Raw	Corr.	1270 Å	2235 Å	CEB	Flag
1	SWP 1648	L	43656.0	27 May 78	17400.0			1.33			
2	SWP 1648	S	43656.0	27 May 78	17400.0						D
3	LWR 1585	L	43660.0	31 May 78	18600.0				1.00		

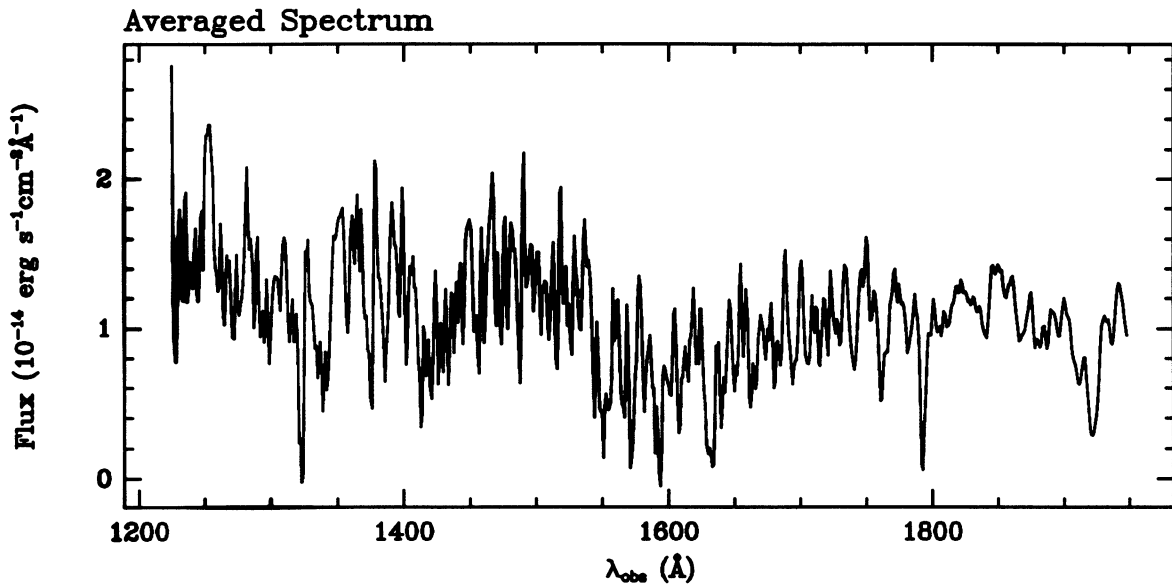
### References

- 34
- 94
- 98
- 559
- 567
- 648



**NGC 6090**

Right Ascension	: 16h 10m 24.00s
Declination	: 52° 35' 00.0"
Object Type	:
ULDA Type	: 88
Redshift	: 0.030
Alternative Names	: UGC 10267, MCG+09-26-0064, MRK 496
	: IRAS 16104+5235, ZW I 135



**Observed Spectra**

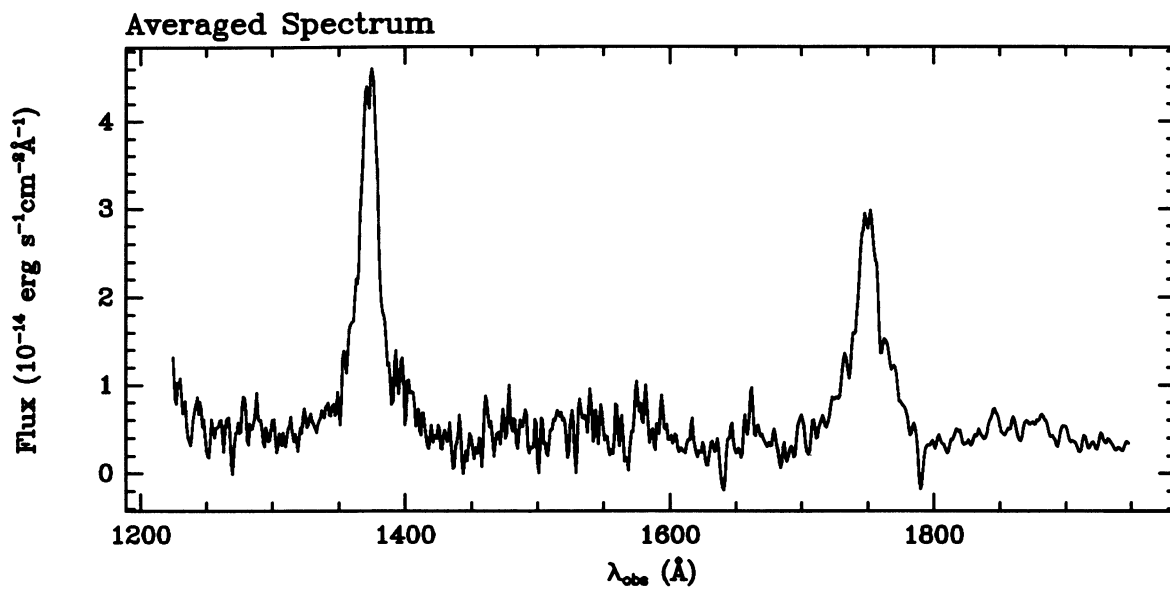
#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2266 Å	CEB	Flag
1	SWP 17305 L	45149.0	28 Jun 82	21000.0			1.29			309

**References**

- 193      • 215      • 246      • 331      • 559      • 717

**QSO 1612+261**

Right Ascension	: 16h 12m 08.73s
Declination	: 26° 11' 46.1"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.131
Alternative Names	: TON 256, 1E 1612.1+2611
	: NAB 1612+26, PG 1612+261

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1413 Å	2488 Å	CEB	Flag
1	SWP 10071 L	44493.0	10 Sep 80	24300.0			0.65			347

**X-Ray Spectra**

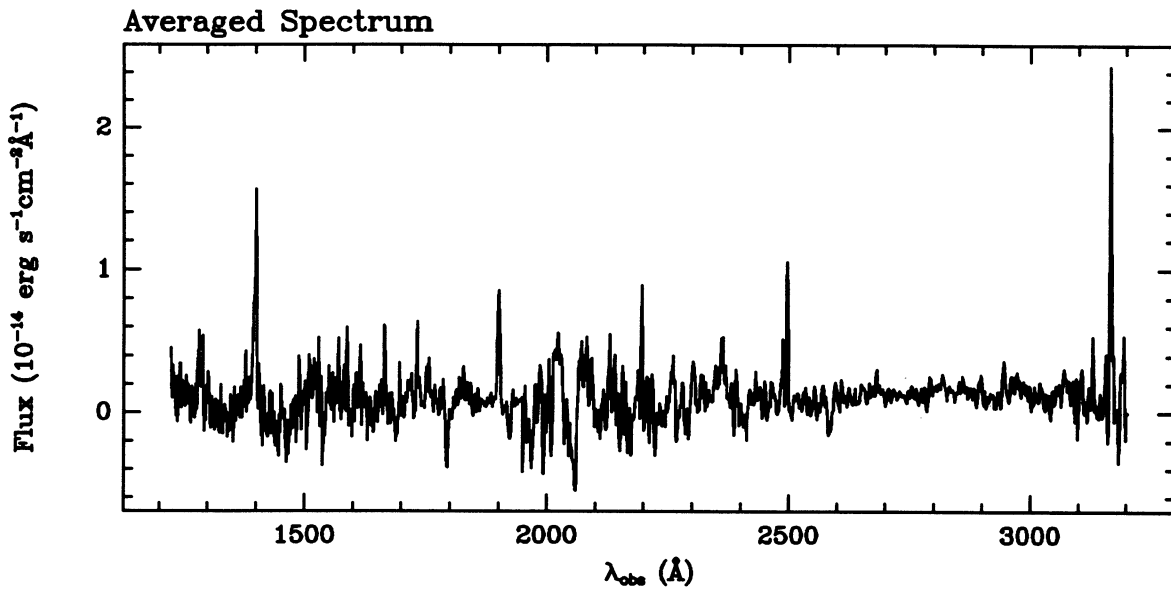
<b>EINSTEIN</b>	• 127	• 157	• 429	• 449
	• 451	• 686	• 741	• 1082
<b>EXOSAT</b>	• 28	• 609	• 994	• 1470

**References**

• 14	• 85	• 284	• 302	• 309	• 320	• 400	• 474
• 488	• 504	• 590	• 617	• 621	• 634	• 662	• 708
• 717	• 729	• 730	• 776	• 804	• 816	• 832	• 842
• 879							

**QSO 1613+472**

Right Ascension	:	16h 13m 05.00s
Declination	:	47° 11' 46.0"
Object Type	:	
ULDA Type	:	85
Redshift	:	Unknown
Alternative Names	:	PG 1613+472



**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	LWR 14753 L	45303.0	29 Nov 82	24600.0			0.12	0.10	335	
2	SWP 26406 L	46259.0	12 Jul 85	50700.0					09	

**X-Ray Spectra**

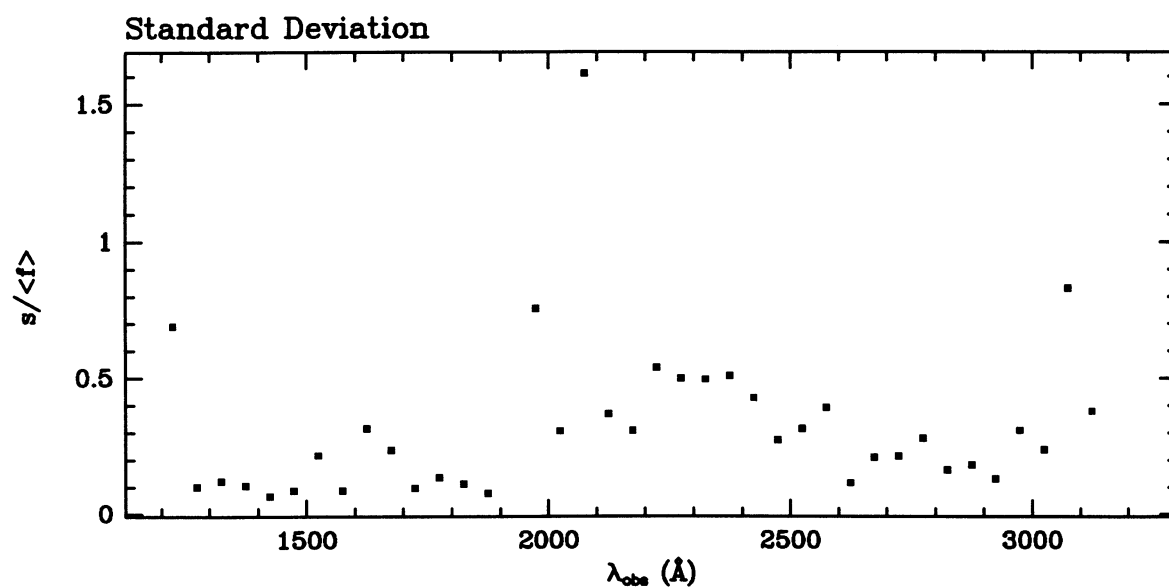
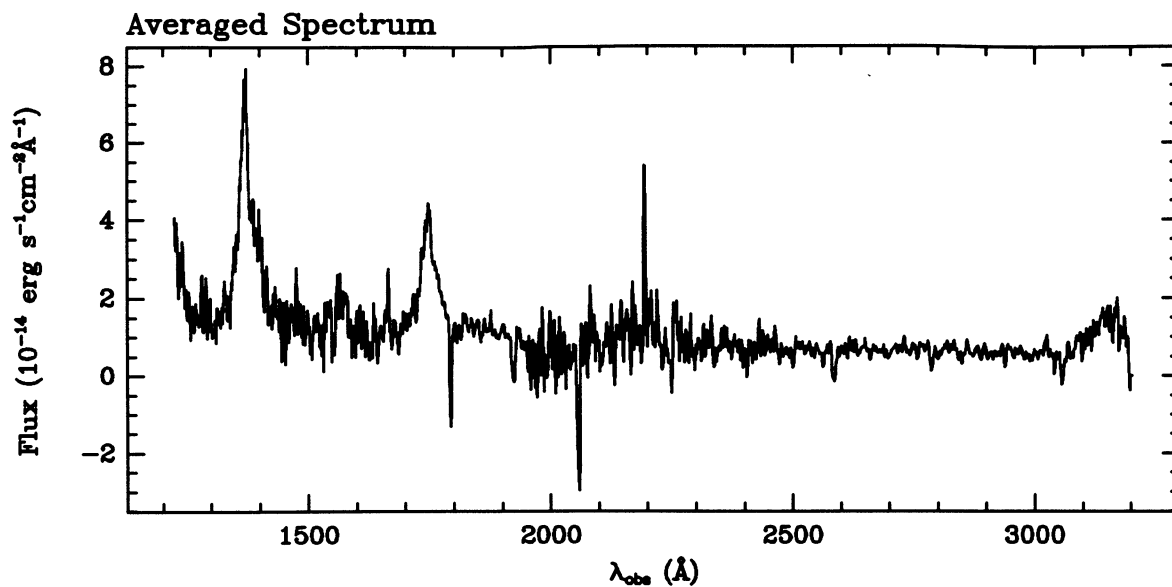
- EINSTEIN           • 150
- EXOSAT             • 1343

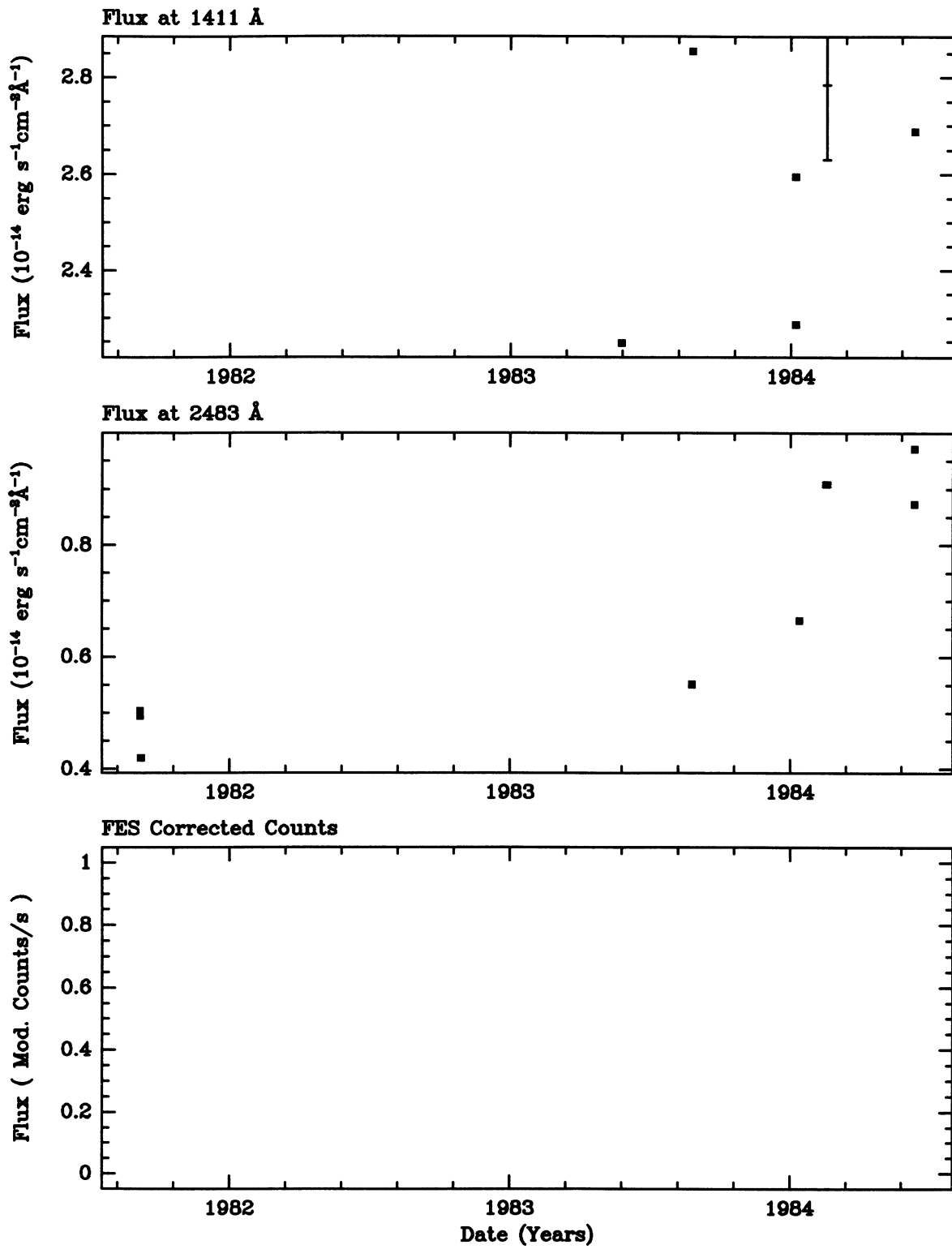
**References**

- 842

**MRK 876**

Right Ascension	: 16h 13m 36.20s
Declination	: 65° 50' 37.0"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.129
Alternative Names	: PG 1613+658, QSO 1613+658





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1411 Å	2483 Å	CEB	Flag	
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$				
1	LWR	11477	L	44854.0	6 Sep 81	18000.0				0.50		403	
2	LWR	11480	L	44854.0	6 Sep 81	3600.0				0.49		303	
3	LWR	11484	L	44855.0	7 Sep 81	8310.0				0.42		308	
4	SWP	20073	L	45480.0	25 May 83	3600.0			2.25			332	
5	LWR	16673	L	45573.0	26 Aug 83	8700.0				0.55		309	
6	SWP	20801	L	45573.0	26 Aug 83	16200.0			2.85			347	
7	SWP	21962	L	45707.0	7 Jan 84	14400.0			2.60			345	
8	SWP	21963	L	45707.0	7 Jan 84	6900.0			2.29			339	
9	LWP	2615	L	45713.0	13 Jan 84	17400.0				0.67		407	D
10	LWP	3561	L	45864.0	12 Jun 84	4500.0				0.97		309	D
11	LWR	17433	L	45864.0	12 Jun 84	7200.0				0.87		x09	
12	SWP	23249	L	45864.0	12 Jun 84	5400.0			2.69			339	

## X-Ray Spectra

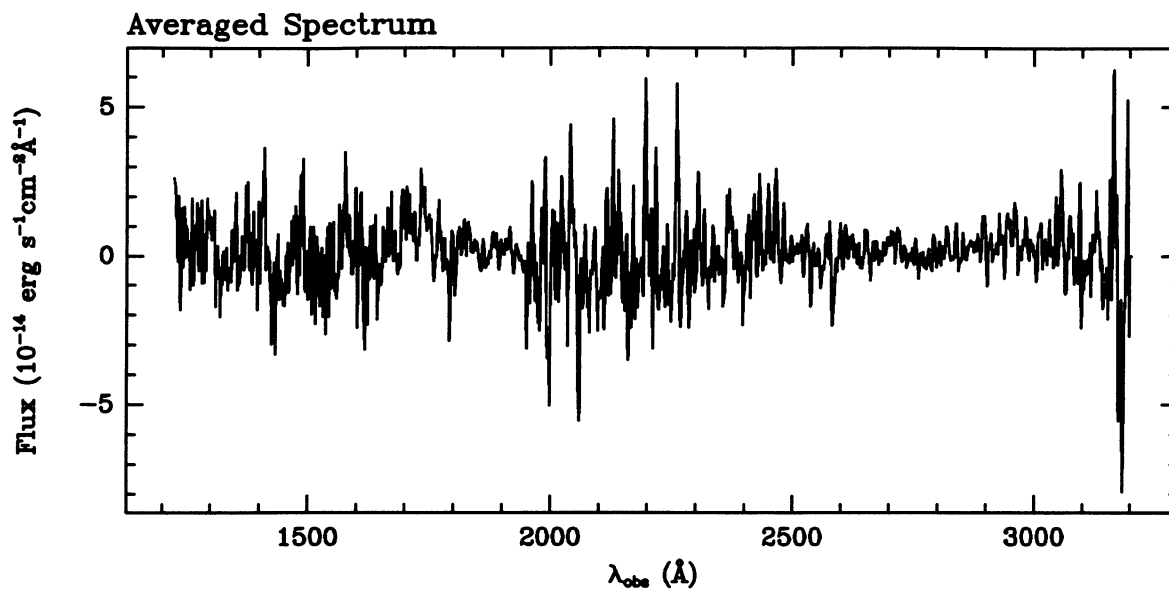
EINSTEIN	• 94	• 155	• 203	• 543
	• 546	• 834	• 857	• 1243
	• 1244	• 1245	• 1251	• 1254
EXOSAT	• 555	• 680		

## References

• 51	• 151	• 163	• 245	• 315	• 320	• 488	• 512
• 593	• 611	• 621	• 717	• 724	• 766	• 776	• 801
• 804	• 816	• 823	• 826	• 829	• 832	• 842	• 843

### AOO 1E 1615+06.2

Right Ascension	:	16h 15m 18.20s
Declination	:	6° 11' 12.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.038
Alternative Names	:	



### Observed Spectra

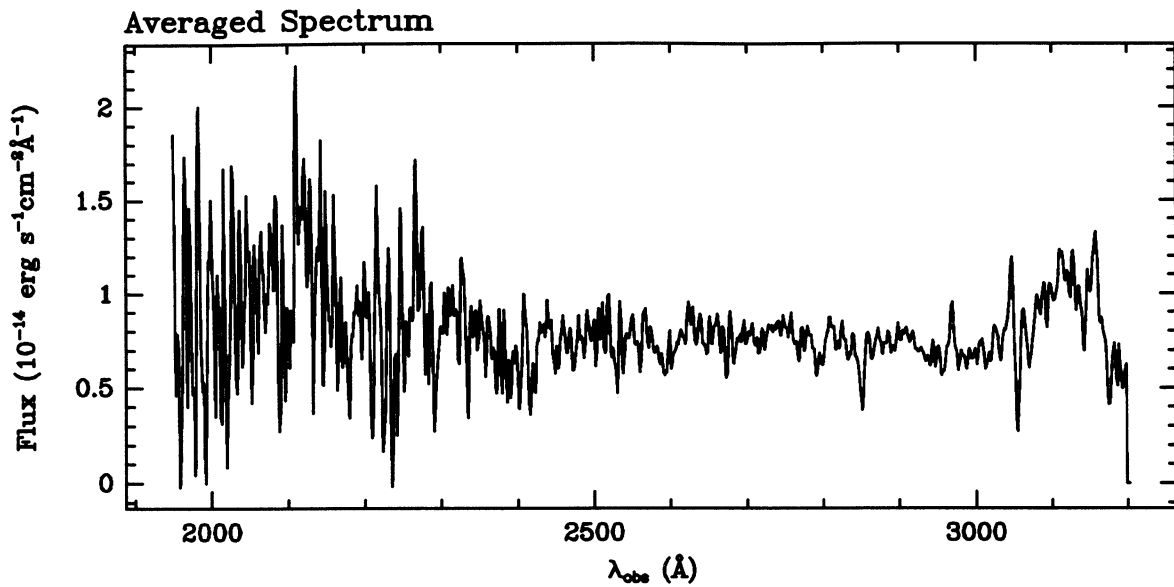
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1297 Å	2283 Å	CEB	Flag
1	LWR 12260 L	44972.0	2 Jan 82	2400.0			0.25	0.27	04	
2	SWP 15925 L	44972.0	2 Jan 82	3780.0					06	

### X-Ray Spectra

- EINSTEIN            • 450                            • 708                            • 1072                            • 1097  
    • 1098
- EXOSAT                • 1688                            • 1691

**AOO 1E16179+1731**

Right Ascension	:	16h 17m 56.80s
Declination	:	17° 31' 40.4"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.114
Alternative Names	:	1E 1617.9+1731

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1392 Å	2450 Å	CEB	Flag
1	LWP 7592 L	46460.0	29 Jan 86	23640.0				0.76	636	D

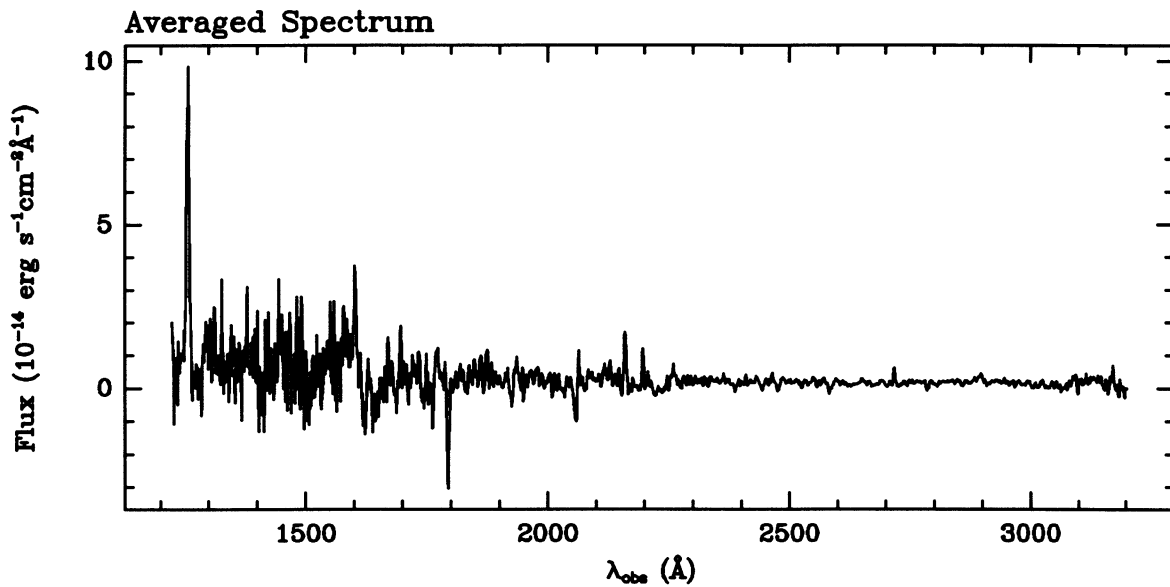
**X-Ray Spectra**

<b>EINSTEIN</b>	• 437	• 443	• 696	• 729
	• 732	• 745	• 1069	• 1071
	• 1095	• 1274		
<b>EXOSAT</b>	• 590	• 2027	• 2046	• 2059
	• 2060			



**MRK 699**

Right Ascension	:	16h 22m 05.00s
Declination	:	41° 11' 42.0"
Object Type	:	Seyfert 1
ULDA Type	:	86
Redshift	:	0.034
Alternative Names	:	ZW III 77, EQ 1622+411

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1292 Å	2274 Å	CEB	Flag
1	SWP 20652 L	45557.0	10 Aug 83	27000.0			0.76			346
2	LWR 16570 L	45558.0	11 Aug 83	25200.0				0.25		306
3	SWP 22442 L	45768.0	8 Mar 84	3000.0			0.94			228

**X-Ray Spectra**

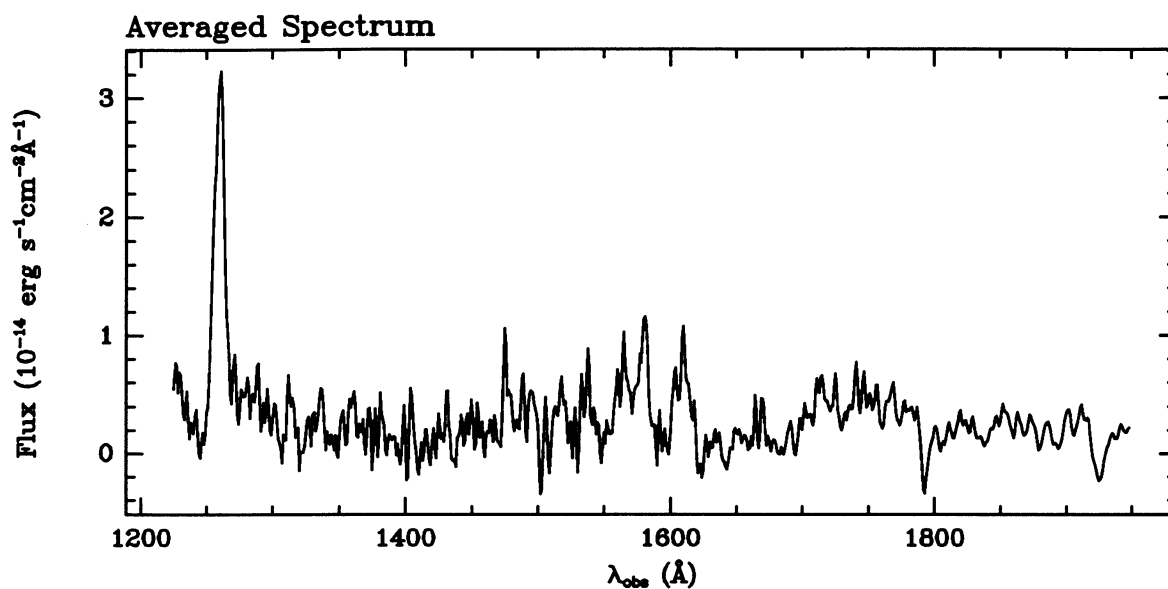
EINSTEIN	• 413	• 414	• 469	• 1036
	• 1117	• 1119		
EXOSAT	• 727			

**References**

• 79	• 85	• 151	• 284	• 320	• 329	• 399	• 453
• 459	• 577	• 593	• 605	• 717	• 816	• 841	• 903

**MRK 883**

Right Ascension	: 16h 27m 47.10s
Declination	: 24° 33' 06.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.038
Alternative Names	: MCG+04-39-0008, EQ 1627+245

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1297 Å	2283 Å	CEB	Flag
1	SWP 29297 L	46697.0	23 Sep 86	19800.0			0.34	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		336

**X-Ray Spectra**

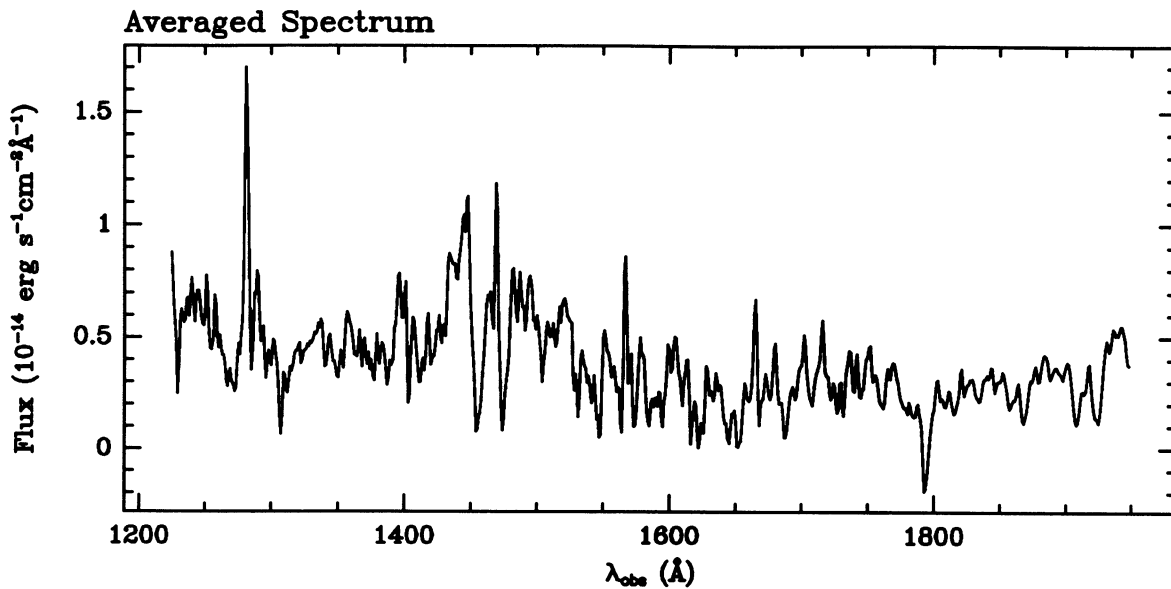
EINSTEIN            • 161                    • 459                    • 740                    • 1272  
EXOSAT                • 1458

**References**

• 74            • 135            • 145            • 164            • 205            • 380            • 593            • 717

### QSO 1630+377

Right Ascension	: 16h 30m 15.50s
Declination	: 37° 44' 08.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.466
Alternative Names	: KUV 16303+3744, PG 1630+377



### Observed Spectra

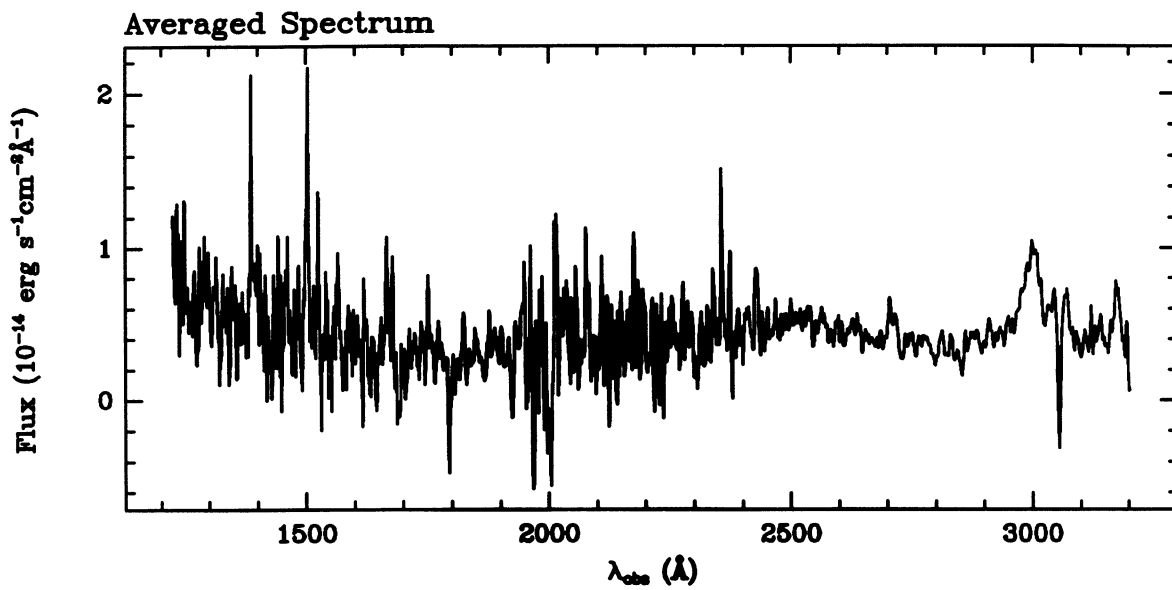
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 22440 L	45768.0	8 Mar 84	21000.0			0.62		232	
2	SWP 22444 L	45769.0	9 Mar 84	21240.0			0.52		302	

### References

- 460
- 621
- 741
- 776
- 801
- 830
- 832

**PG 1630+377**

Right Ascension	:	16h 30m 15.50s
Declination	:	37° 44' 08.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.466
Alternative Names	:	QSO 1630+3744

**Observed Spectra**

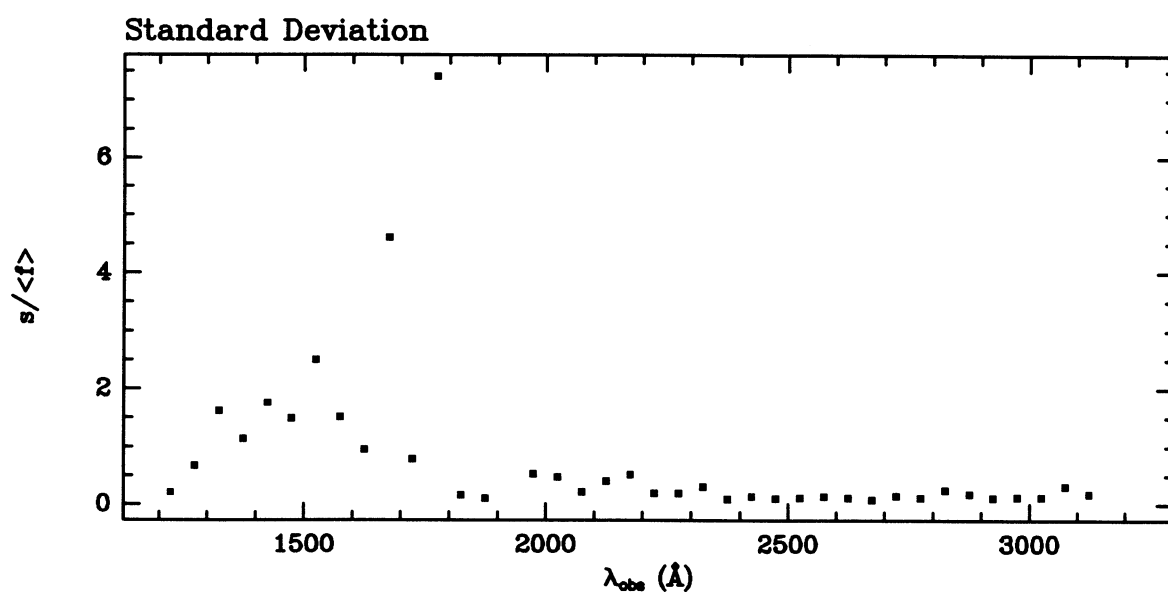
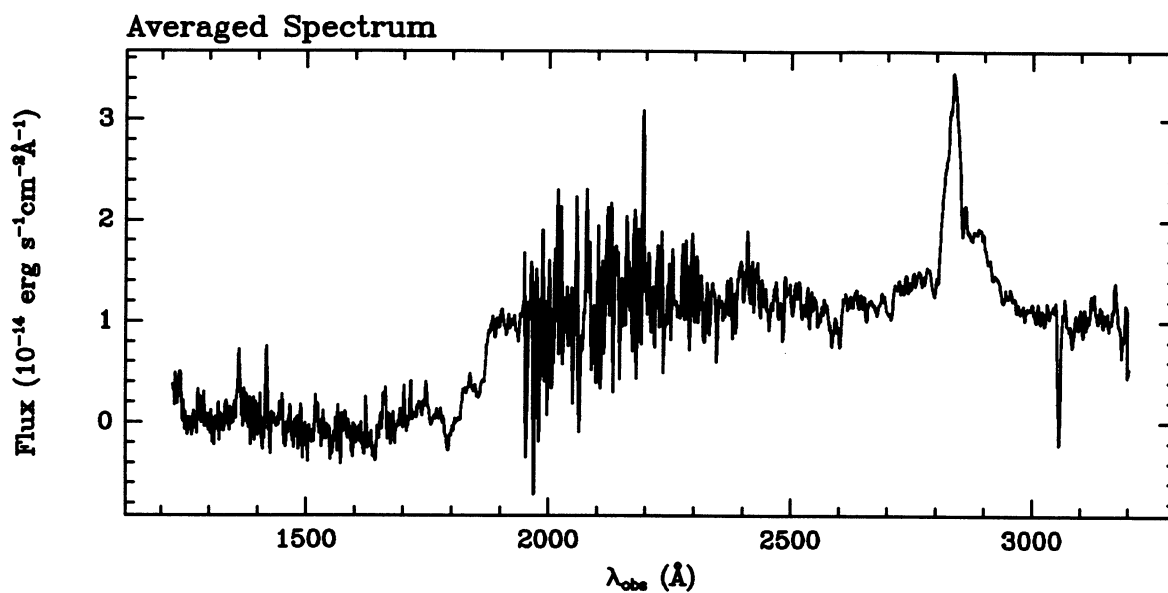
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 4265 L	45965.0	21 Sep 84	26100.0			0.65	0.83	4x8	
2	SWP 33225 L	47259.0	7 Apr 88	24300.0					309	

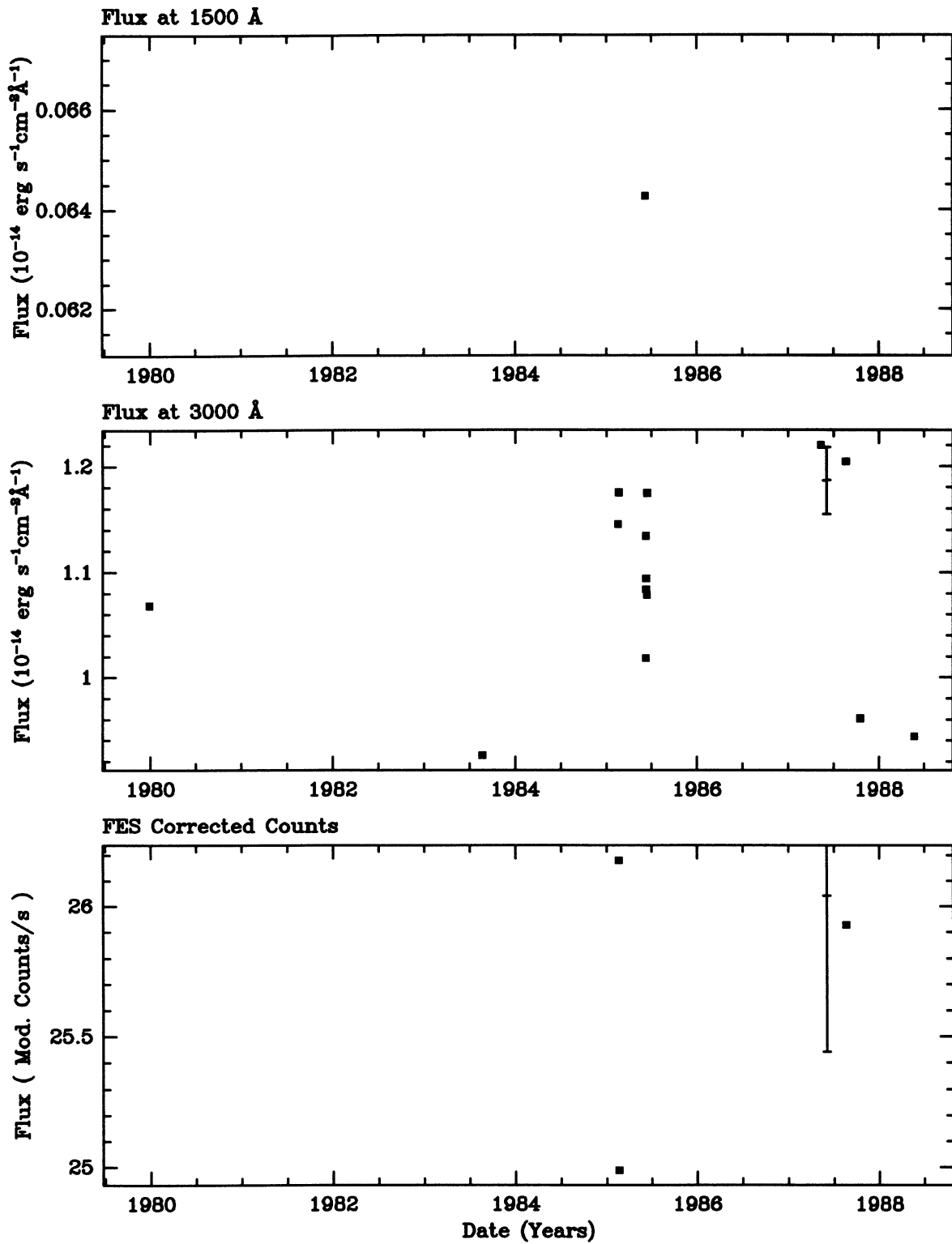
**References**

• 460    • 621    • 741    • 776    • 801    • 830    • 832

**PG 1634+706**

Right Ascension	: 16h 34m 51.70s
Declination	: 70° 37' 37.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.334
Alternative Names	: QSO 1634+706





**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	SWP	7216	L	44202.0	24 Nov 79	10799.0						303
2	LWR	6477	L	44235.0	27 Dec 79	7799.0				1.07		4x2
3	LWR	16647	L	45570.0	23 Aug 83	1980.0				0.93		342
4	LWP	5378	L	46113.0	16 Feb 85	25200.0				1.15		673
5	LWP	5397	L	46117.0	20 Feb 85	7200.0	21	24.99		1.18		473
6	SWP	25279	L	46117.0	20 Feb 85	18240.0	22	26.18				302
7	LWP	6169	L	46226.0	9 Jun 85	23400.0				1.13		x09
8	LWP	6169	S	46226.0	9 Jun 85	23400.0						x09
9	LWP	6178	L	46226.0	9 Jun 85	5400.0				1.02		364
10	SWP	26133	L	46226.0	9 Jun 85	24000.0			0.06			313
11	LWP	6179	L	46227.0	10 Jun 85	21000.0				1.09		x07
12	LWP	6180	L	46227.0	10 Jun 85	5400.0				1.08		4x6
13	LWP	6203	L	46230.0	13 Jun 85	2100.0				1.08		346
14	LWP	6216	L	46231.0	14 Jun 85	3600.0				1.17		407
15	LWP	10749	L	46927.0	11 May 87	4500.0				1.22		353
16	LWP	11445	L	47028.0	20 Aug 87	9180.0	18	25.93		1.20		573
17	LWP	11893	L	47086.0	17 Oct 87	4500.0				0.96		353
18	LWP	13305	L	47306.0	24 May 88	4500.0				0.94		343

**X-Ray Spectra**

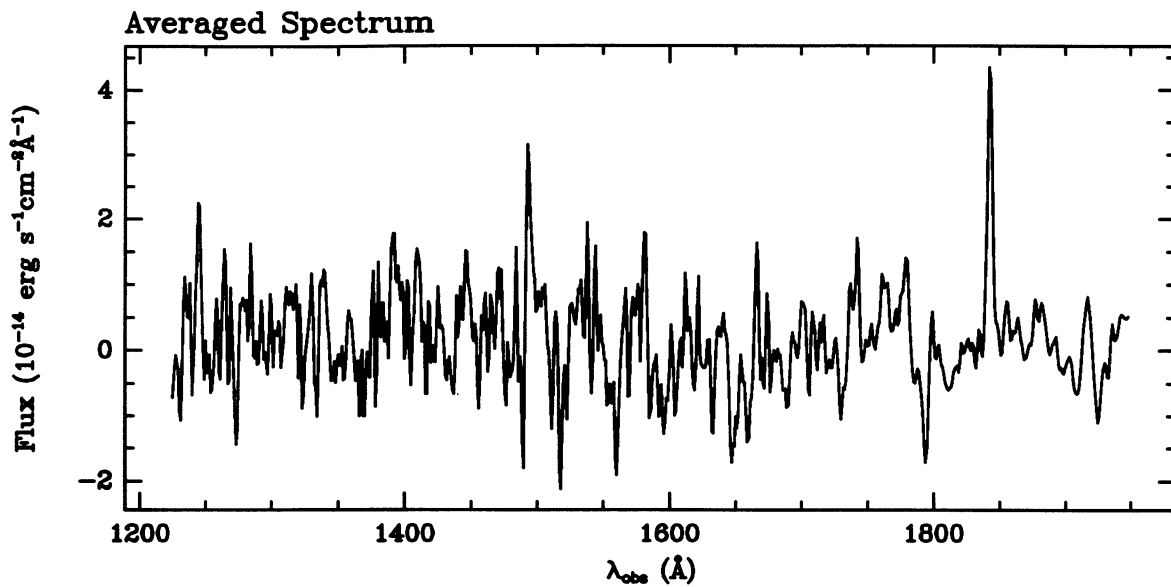
- |          |       |       |       |       |
|----------|-------|-------|-------|-------|
| EINSTEIN | • 11  | • 12  | • 13  | • 159 |
|          | • 258 | • 551 | • 822 | • 883 |
|          | • 900 | • 901 | • 902 | • 925 |
|          | • 926 |       |       |       |
| EXOSAT   | • 169 | • 647 | • 759 |       |

**References**

- |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| • 312 | • 460 | • 621 | • 701 | • 729 | • 776 | • 801 | • 832 |
| • 842 | • 908 | • 930 |       |       |       |       |       |

**QSO 1635+119**

Right Ascension	:	16h 35m 26.10s
Declination	:	11° 55' 41.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.146
Alternative Names	:	MC2 1635+11.9

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1432 $\text{\AA}$	2521 $\text{\AA}$	CEB	Flag
1	SWP 33232 L	47260.0	8 Apr 88	4500.0			0.34		04	

**X-Ray Spectra**

EINSTEIN           • 169                   • 742  
 EXOSAT             • 610

**References**

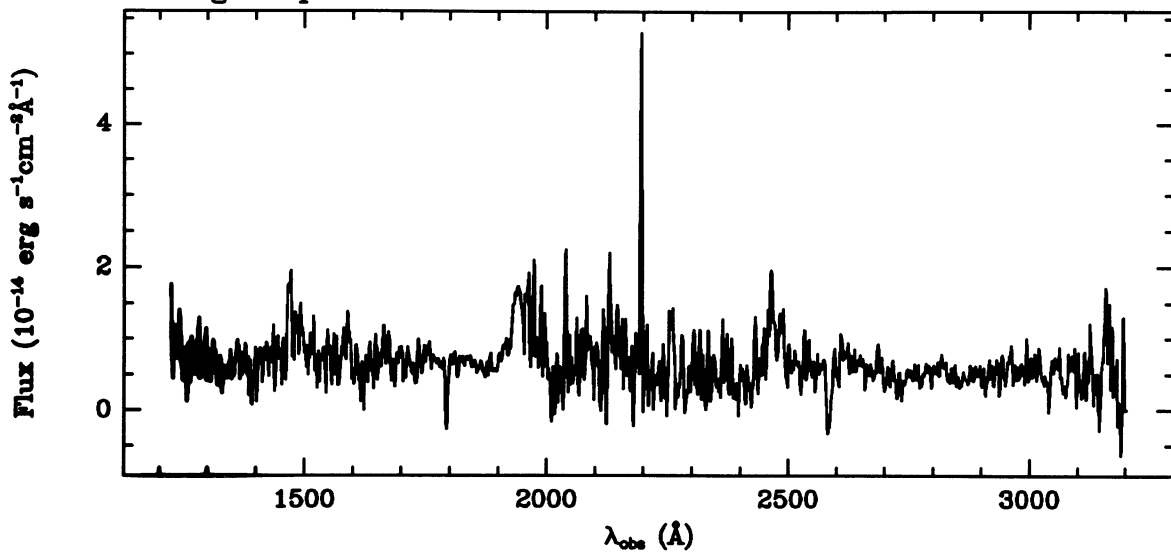
• 302      • 504      • 662      • 776      • 816



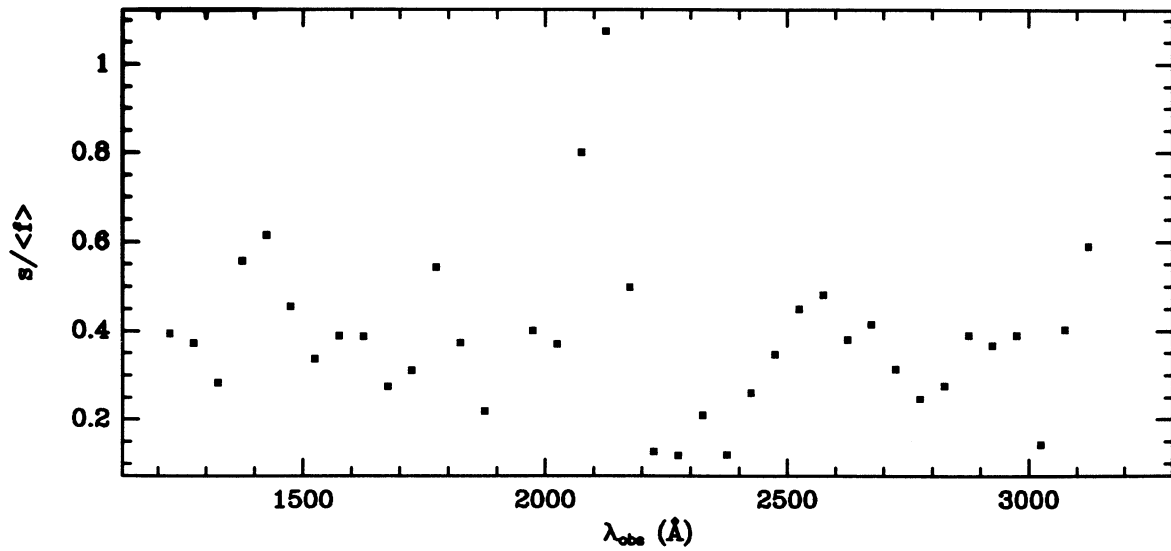
**QSO 1641+399**

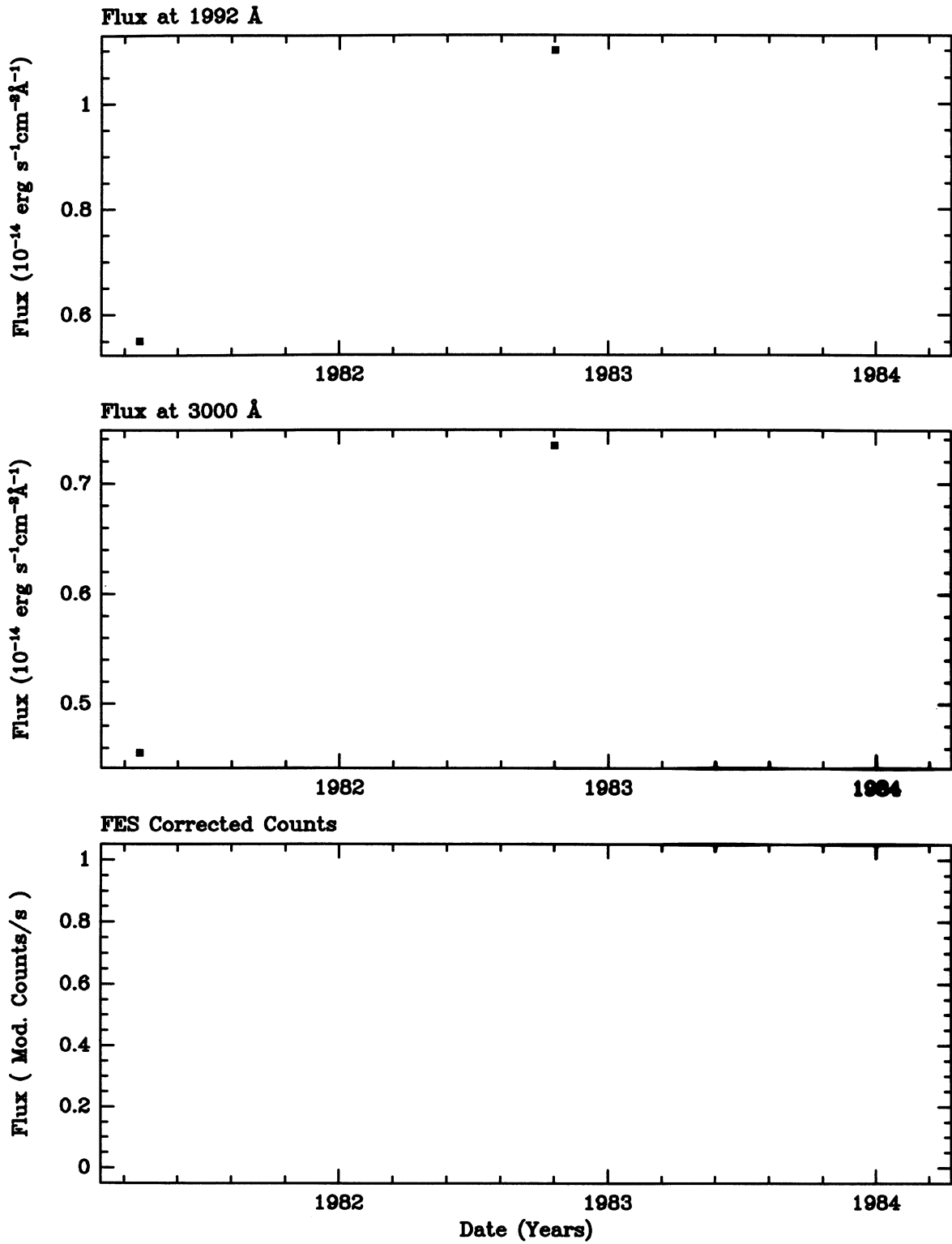
Right Ascension	: 16h 41m 17.70s
Declination	: 39° 54' 10.9"
Object Type	: Quasar HP
ULDA Type	: 85
Redshift	: 0.594
Alternative Names	: 3C 345, 4C 39.48, NRAO 513
	: OS 368, IRAS 16413+3954A

**Averaged Spectrum**



**Standard Deviation**





## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1992 Å	3000 Å	CEB	Flag
1	LWR 10284 L	44699.0	4 Apr 81	7200.0			0.55	0.46	303	
2	SWP 13680 L	44703.0	8 Apr 81	10200.0					303	
3	LWR 14447 L	45263.0	20 Oct 82	6000.0			1.10	0.73	335	
4	SWP 18333 L	45263.0	20 Oct 82	4500.0					302	
5	SWP 19722 L	45439.0	14 Apr 83	6720.0					332	
6	SWP 19958 L	45466.0	11 May 83	9900.0					332	
7	SWP 21258 L	45616.0	8 Oct 83	10200.0					332	
8	SWP 22307 L	45751.0	20 Feb 84	21000.0					336	

## X-Ray Spectra

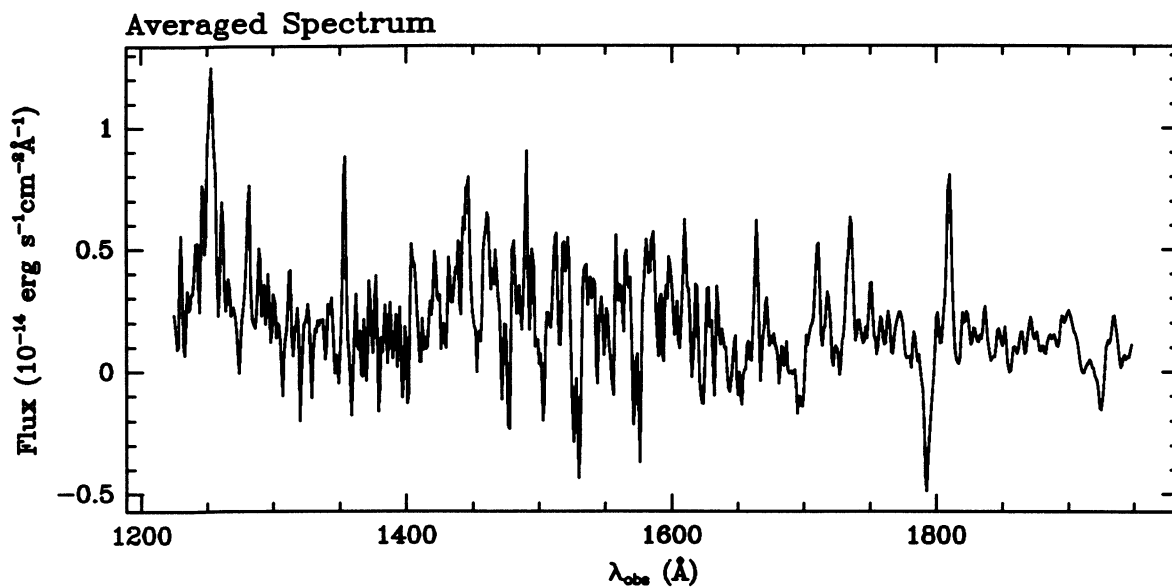
<b>EINSTEIN</b>	• 103	• 113	• 115	• 154
	• 164	• 165	• 448	• 460
	• 467	• 470	• 679	• 697
	• 702	• 717	• 1090	• 1094
<b>EXOSAT</b>	• 537	• 541	• 550	• 675
	• 881	• 898	• 920	• 932
	• 935	• 938	• 1500	• 2085

## References

• 14	• 69	• 85	• 156	• 255	• 288	• 295	• 302
• 361	• 503	• 504	• 522	• 526	• 541	• 564	• 590
• 641	• 698	• 701	• 729	• 730	• 743	• 745	• 747
• 776	• 796	• 804	• 807	• 808	• 811	• 845	• 853
• 885	• 934						

## NGC 6212

Right Ascension	: 16h 41m 39.17s
Declination	: 39° 52' 00.4"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.030
Alternative Names	: MCG+07-34-0142, EQ 1641+398



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1287 Å	2266 Å	CEB	Flag
1	SWP 28692 L	46629.0	17 Jul 86	24900.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.26		306

### X-Ray Spectra

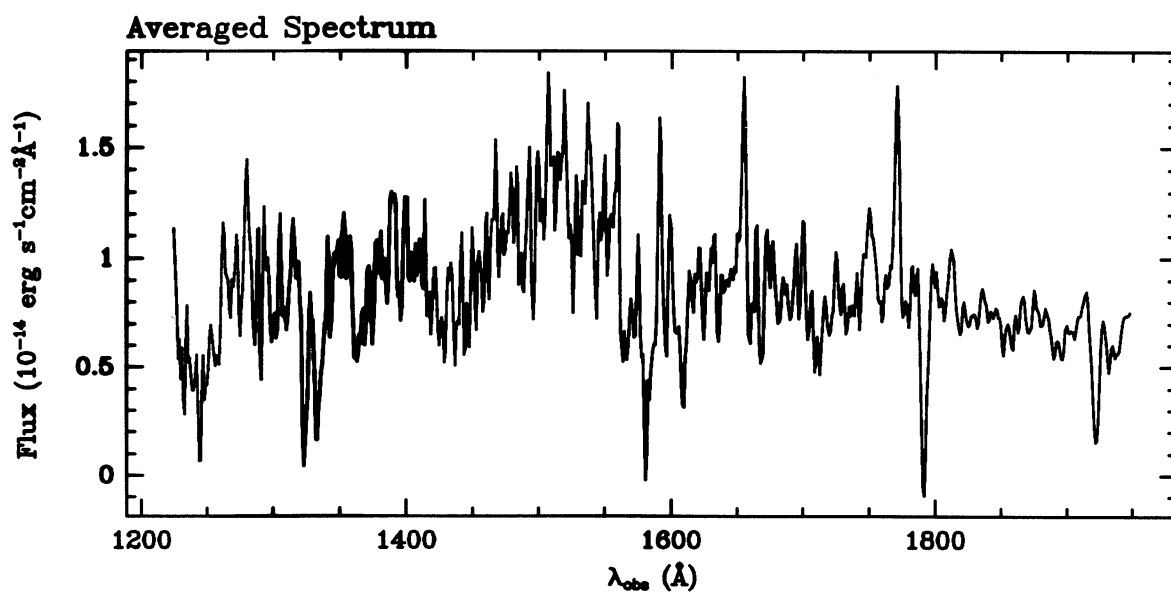
EINSTEIN	• 103	• 113	• 115	• 154
	• 164	• 165	• 448	• 460
	• 467	• 470	• 679	• 697
	• 702	• 717	• 1090	• 1094
EXOSAT	• 537	• 541	• 550	• 675
	• 881	• 898	• 920	• 932
	• 935	• 938	• 1500	• 2085

### References

- 395
- 584

**MRK 499**

Right Ascension	:	16h 47m 03.00s
Declination	:	48° 47' 34.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.026
Alternative Names	:	ZW I 166

**Observed Spectra**

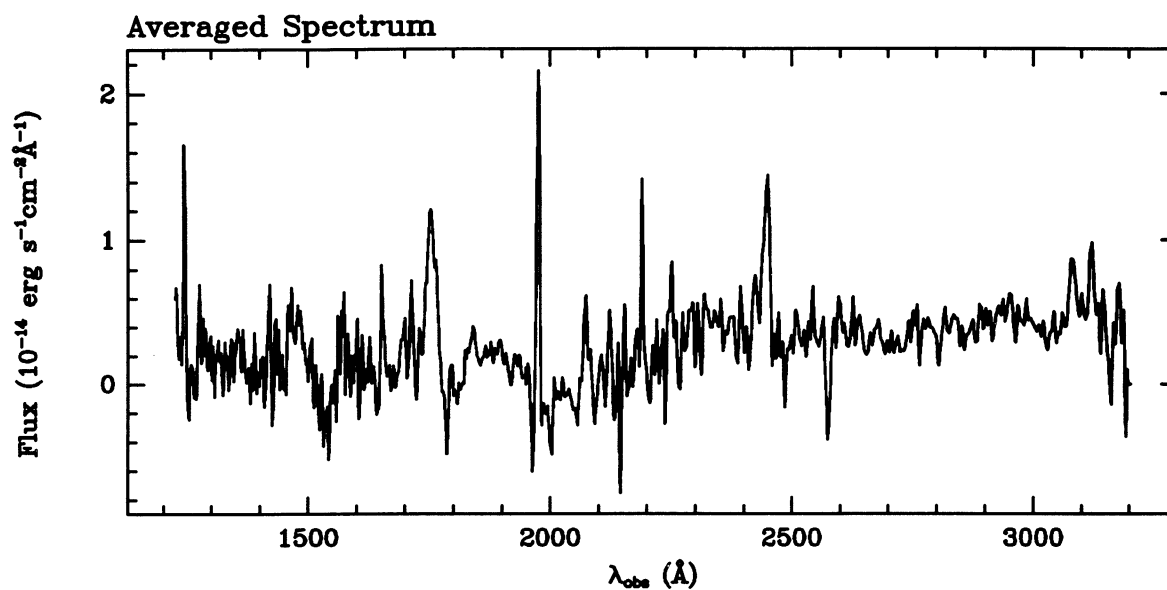
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1282 Å	2257 Å	CEB	Flag
1	SWP 26961 L	46359.0	20 Oct 85	43560.0					0.89	309

**References**

- 682

## NGC 6221

Right Ascension	: 16h 48m 25.00s
Declination	: -59° 07' 59.0"
Object Type	: Seyfert
ULDA Type	: 88
Redshift	: 0.004
Alternative Names	: ESO 138- 3, IRAS 16484-5908
	: H 1645-59.6, EQ 1648-591



## Observed Spectra

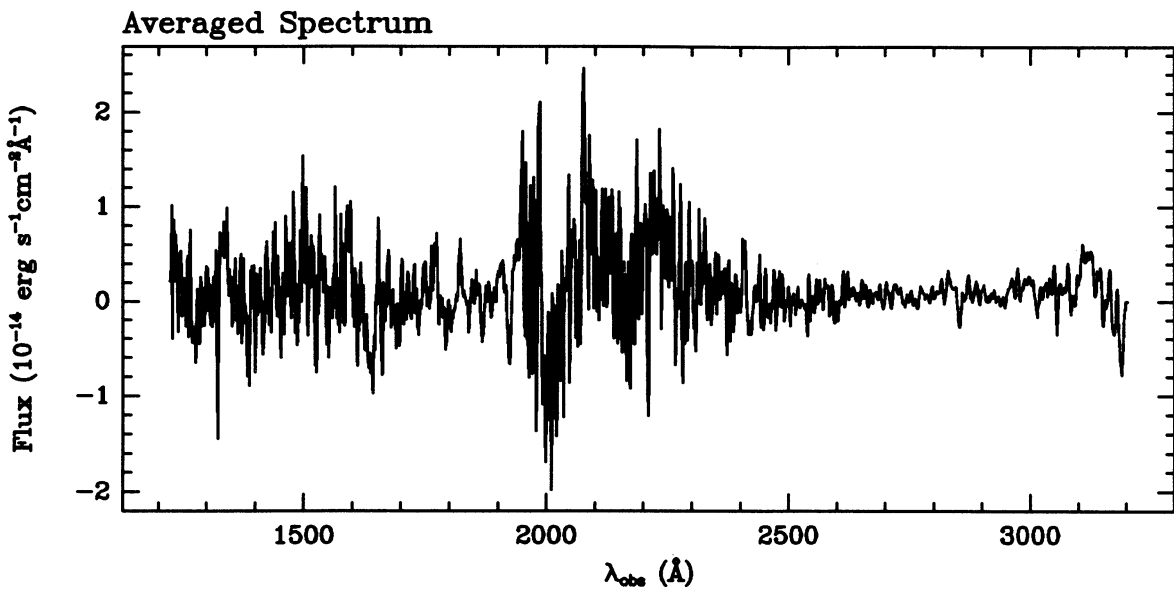
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 Å	2208 Å	CEB	Flag
1	LWR 8092 L	44411.0	20 Jun 80	10800.0	69	70.33			308	
2	SWP 9333 L	44412.0	21 Jun 80	15300.0	74	75.43	0.30	0.26	203	

## References

- 475
- 490
- 582
- 660
- 775

### NGC 6240

Right Ascension	: 16h 50m 30.17s
Declination	: 2° 29' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 86
Redshift	: 0.024
Alternative Names	: MCG+00-43-0004, IC 4625, UGC 10592
	: 4C 2.44, PKS 1650+024, IRAS 16504+0228



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1280 Å	2252 Å	CEB	Flag
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP	8189	L	46564.0	13 May 86	9000.0	22	28.39	0.58		04	D
2	SWP	28298	L	46564.0	13 May 86	13800.0	22	28.39			05	

### X-Ray Spectra

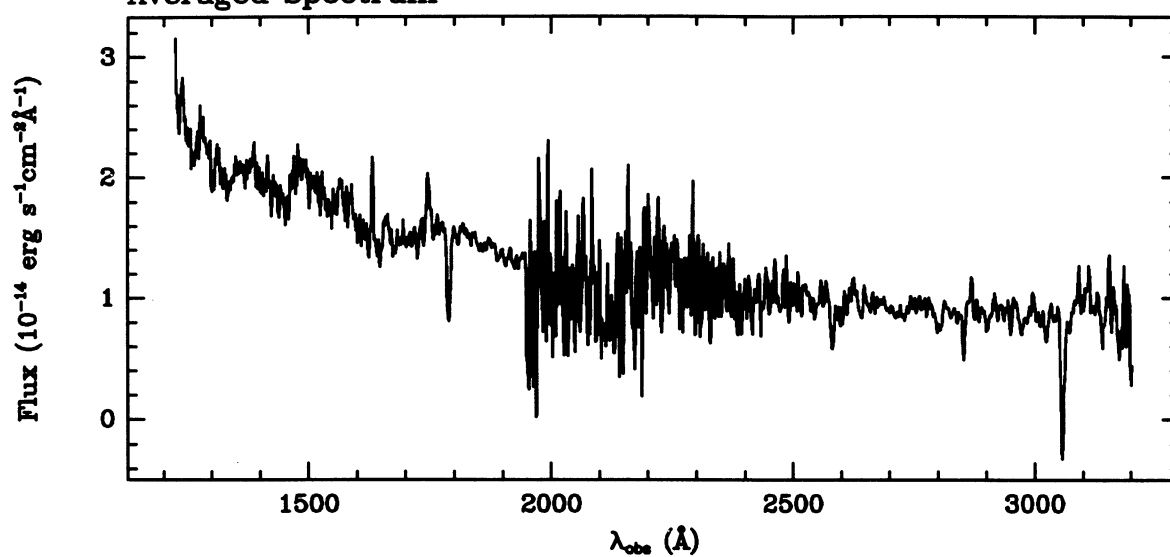
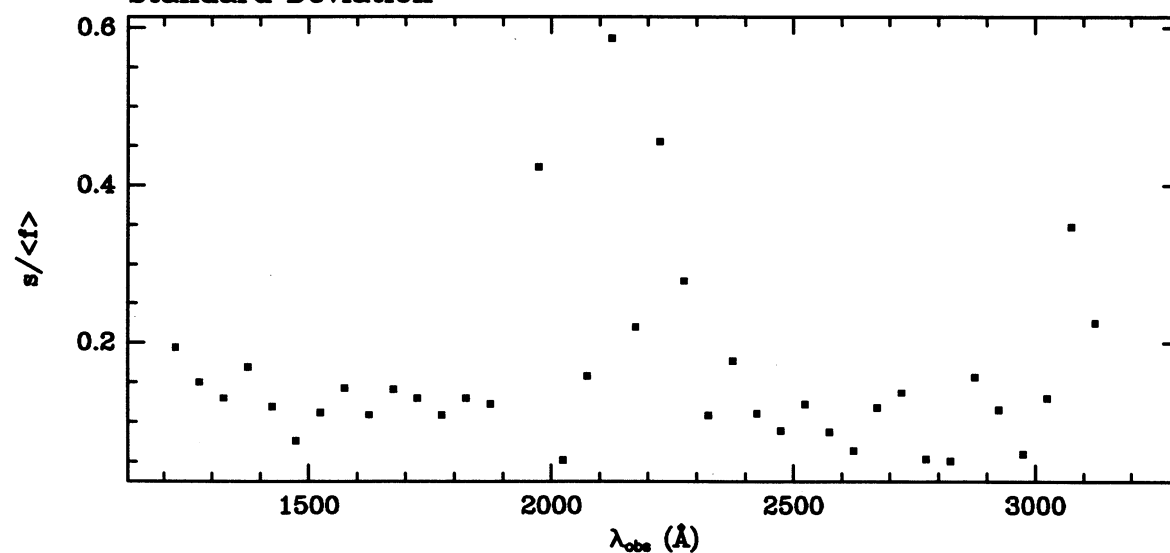
- EINSTEIN            • 142                    • 166  
 EXOSAT             • 596

### References

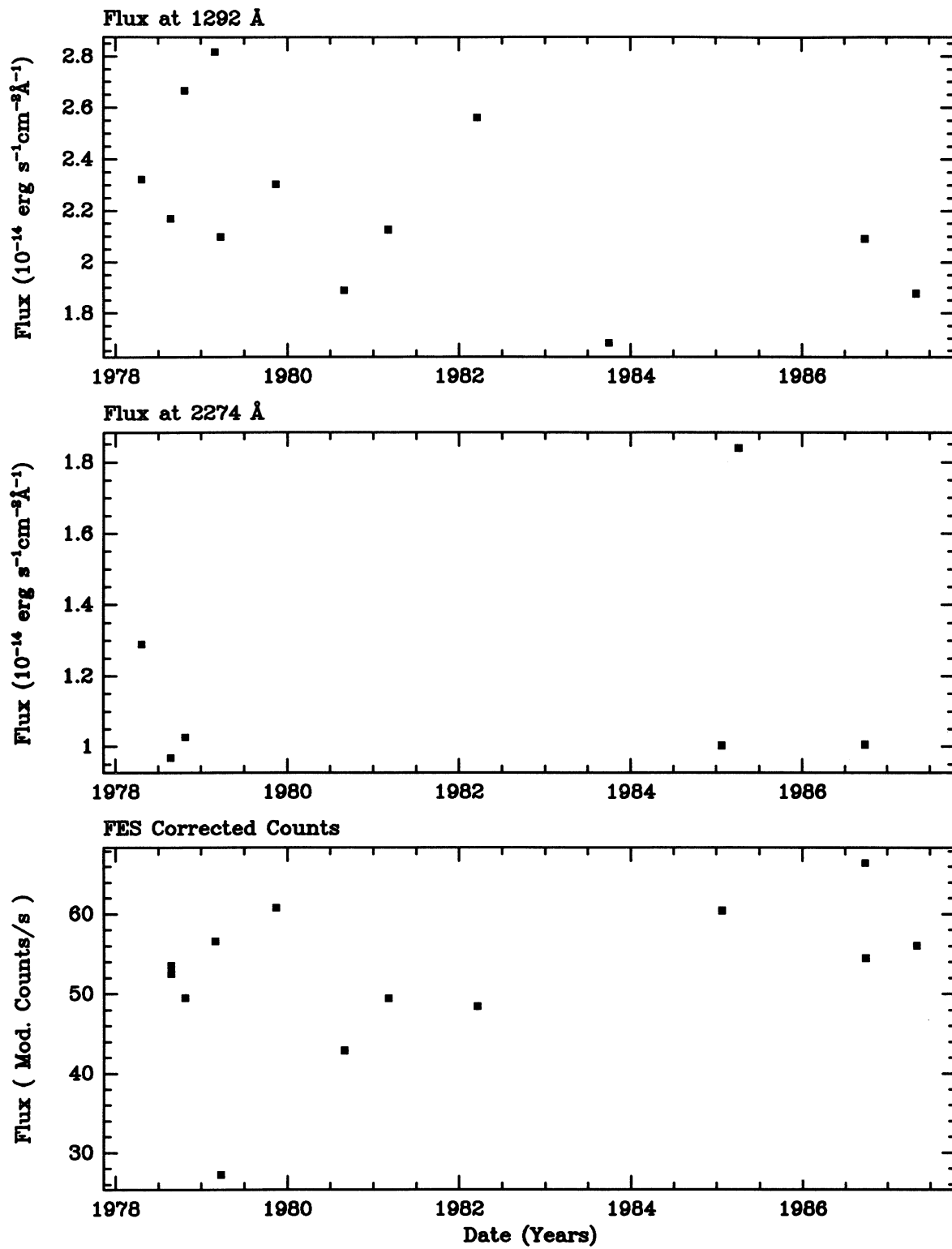
- 136      • 370      • 593      • 644      • 666      • 693      • 793      • 836  
 • 847

**MRK 501**

Right Ascension	: 16h 52m 11.70s
Declination	: 39° 50' 07.0"
Object Type	: BL Lac
ULDA Type	: 85,87
Redshift	: 0.034
Alternative Names	: UGC 10599, MCG+07-35-0002, 4C 39.49, OS 387
	: 4U 1651+39, H 1652+39.8, QSO 1652+398, PKS 1652+398

**Averaged Spectrum****Standard Deviation**





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1292 Å	2274 Å	CEB	Flag	
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$		
1	LWR	1377	L	43623.0	24 Apr 78	9000.0				2.32	1.29		
2	SWP	1407	L	43623.0	24 Apr 78	6600.0							
3	SWP	2394	L	43746.0	25 Aug 78	22800.0	52	52.57	2.17				
4	LWR	2177	L	43747.0	26 Aug 78	18000.0	53	53.58		0.97			
5	SWP	3133	L	43806.0	24 Oct 78	21600.0	49	49.52	2.67				
6	LWR	2729	L	43809.0	27 Oct 78	19200.0				1.03			
7	SWP	4454	L	43935.0	2 Mar 79	28800.0	56	56.59	2.82				
8	SWP	4757	L	43959.0	26 Mar 79	18000.0	27	27.29	2.10				40
9	SWP	7147	L	44192.0	14 Nov 79	24300.0	60	60.81	2.30				347
10	SWP	9954	L	44482.0	30 Aug 80	25200.0	42	42.92	1.89				3x7
11	SWP	13427	L	44671.0	7 Mar 81	18000.0	48	49.45	2.13				3x4
12	SWP	16576	L	45048.0	19 Mar 82	25680.0	46	48.49	2.56				406
13	SWP	21211	L	45609.0	1 Oct 83	12120.0			1.68				312
14	LWP	5257	L	46090.0	24 Jan 85	4500.0	51	60.44		1.00			308
15	LWP	5680	L	46162.0	6 Apr 85	5400.0				1.84			309
16	LWP	9209	L	46702.0	28 Sep 86	5400.0	50	66.49		1.01			303
17	SWP	29326	L	46703.0	29 Sep 86	7200.0	41	54.52	2.09				303
18	SWP	30928	L	46923.0	7 May 87	6900.0	40	56.06	1.88				302

## X-Ray Spectra

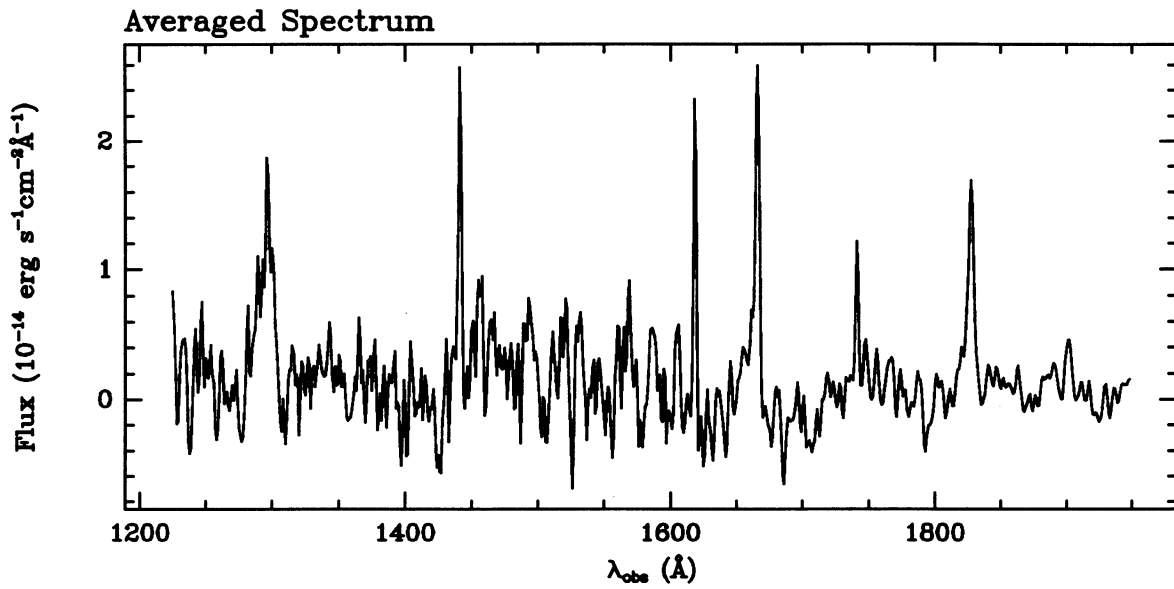
<b>EINSTEIN</b>	• 103	• 113	• 115	• 154
	• 164	• 165	• 448	• 460
	• 467	• 470	• 679	• 697
	• 702	• 717	• 1090	• 1094
<b>EXOSAT</b>	• 537	• 541	• 550	• 675
	• 881	• 898	• 920	• 932
	• 935	• 938	• 1500	• 2085

## References

• 21	• 35	• 73	• 94	• 106	• 110	• 148	• 218
• 238	• 257	• 279	• 292	• 451	• 526	• 584	• 734
• 749	• 750	• 776	• 825				

### AOO 1652 +395

Right Ascension	:	16h 52m 27.10s
Declination	:	39° 30' 20.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.069
Alternative Names	:	IRAS 1652+395



### Observed Spectra

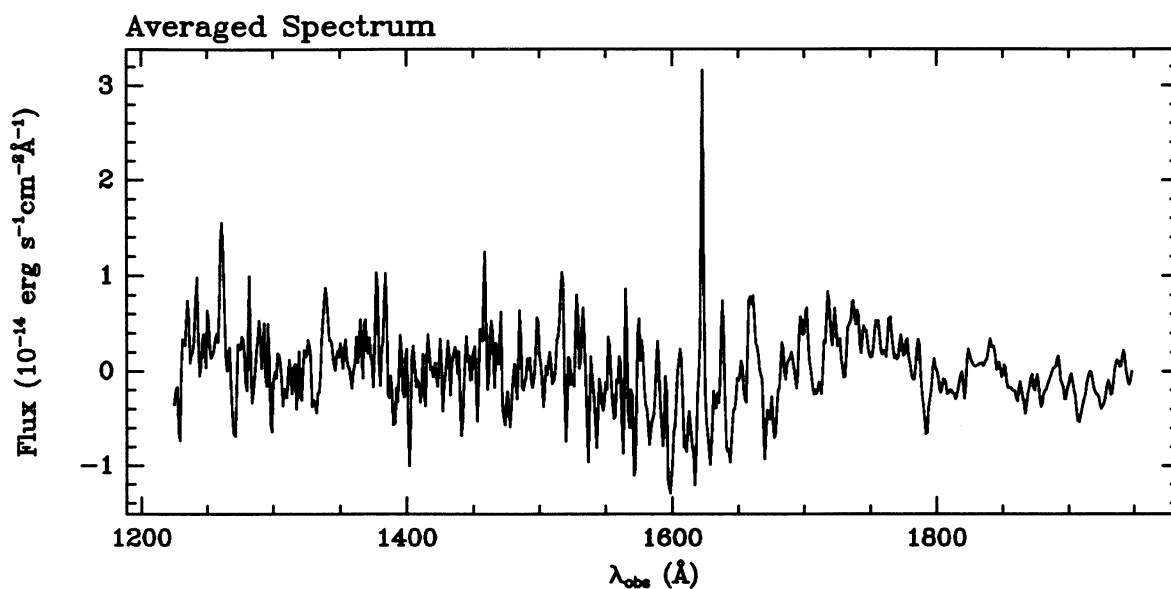
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1336 Å	2351 Å	CEB	Flag
1	SWP 30345 L	46847.0	20 Feb 87	10800.0			0.17			001

### X-Ray Spectra

<b>EINSTEIN</b>	• 103	• 113	• 115	• 154
	• 164	• 165	• 448	• 460
	• 467	• 470	• 679	• 697
	• 702	• 717	• 1090	• 1094
<b>EXOSAT</b>	• 537	• 541	• 550	• 675
	• 881	• 898	• 920	• 932
	• 935	• 938	• 1500	• 2085

**AOO 1652 +396**

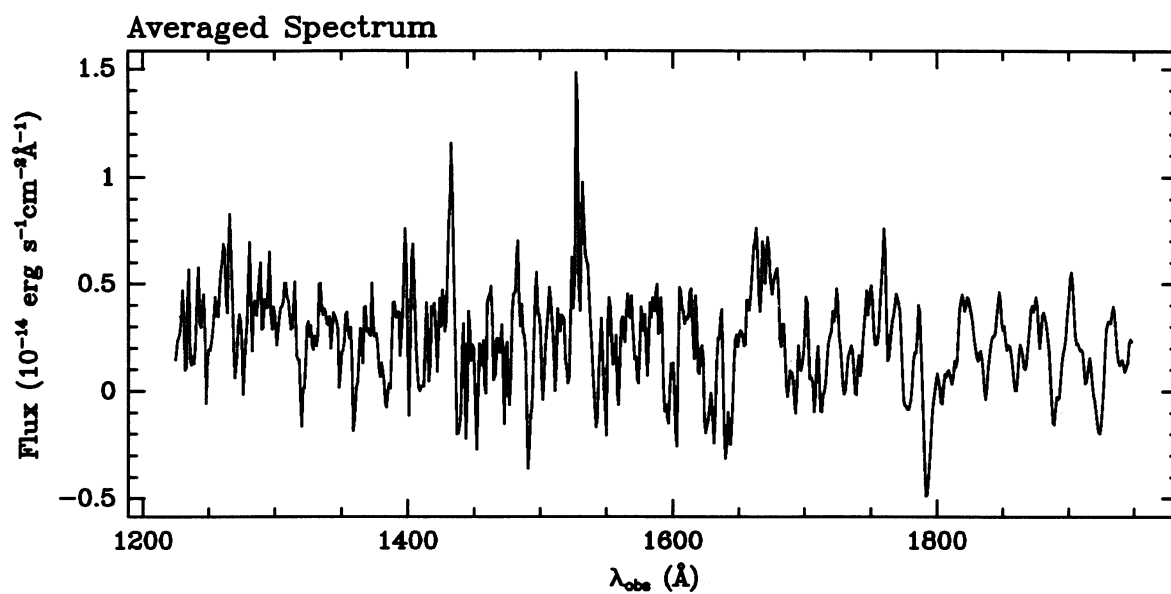
Right Ascension	:	16h 52m 27.00s
Declination	:	39° 30' 41.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
1	SWP 30346 L	46847.0	20 Feb 87	6000.0						001

**QSO 1656+053**

Right Ascension	:	16h 56m 05.72s
Declination	:	5° 19' 46.6"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.879
Alternative Names	:	PKS 1656+053, OS 094

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2348 Å	3000 Å	CEB	Flag
1	SWP 31236 L	46970.0	23 Jun 87	24300.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		309	

**X-Ray Spectra**

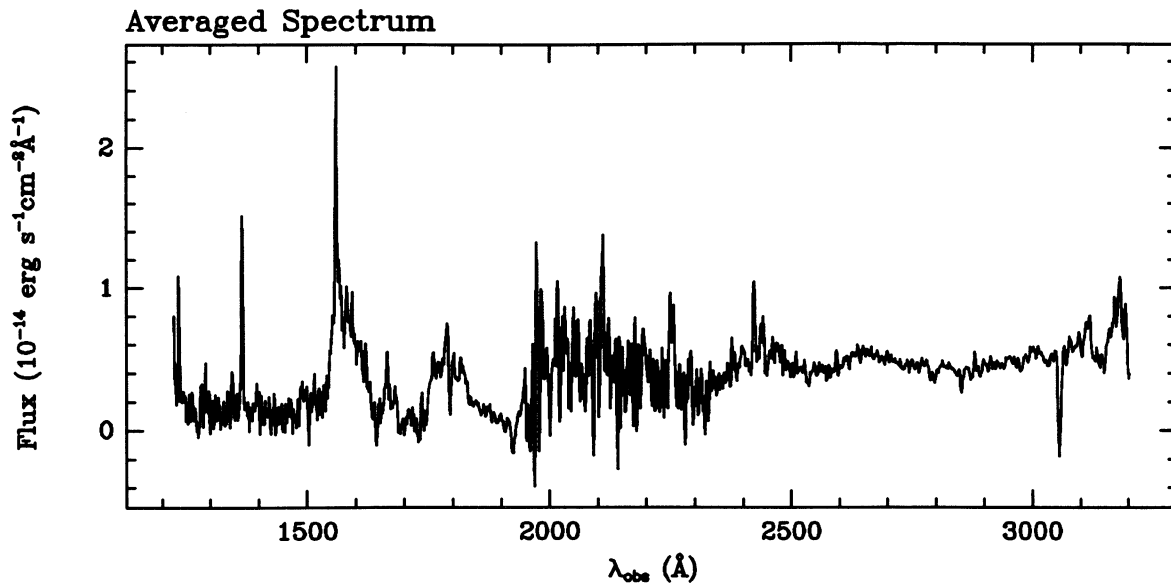
EINSTEIN           • 452                   • 1264                   • 1276  
EXOSAT             • 7

**References**

• 537      • 590      • 855

**PG 1700+518**

Right Ascension	:	17h 00m 13.40s
Declination	:	51° 53' 37.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.290
Alternative Names	:	IRAS 17002+5153, QSO 1700+518

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1612 Å	2838 Å	CEB	Flag
1	SWP 23672 L	45924.0	11 Aug 84	24180.0			0.46			133
2	SWP 23691 L	45928.0	15 Aug 84	24600.0			0.52			313
3	SWP 24185 L	45991.0	17 Oct 84	50700.0			0.47			339
4	LWP 4596 L	45992.0	18 Oct 84	51900.0				0.39		x09
5	LWP 6655 L	46292.0	14 Aug 85	21900.0				0.43		x09

**X-Ray Spectra**

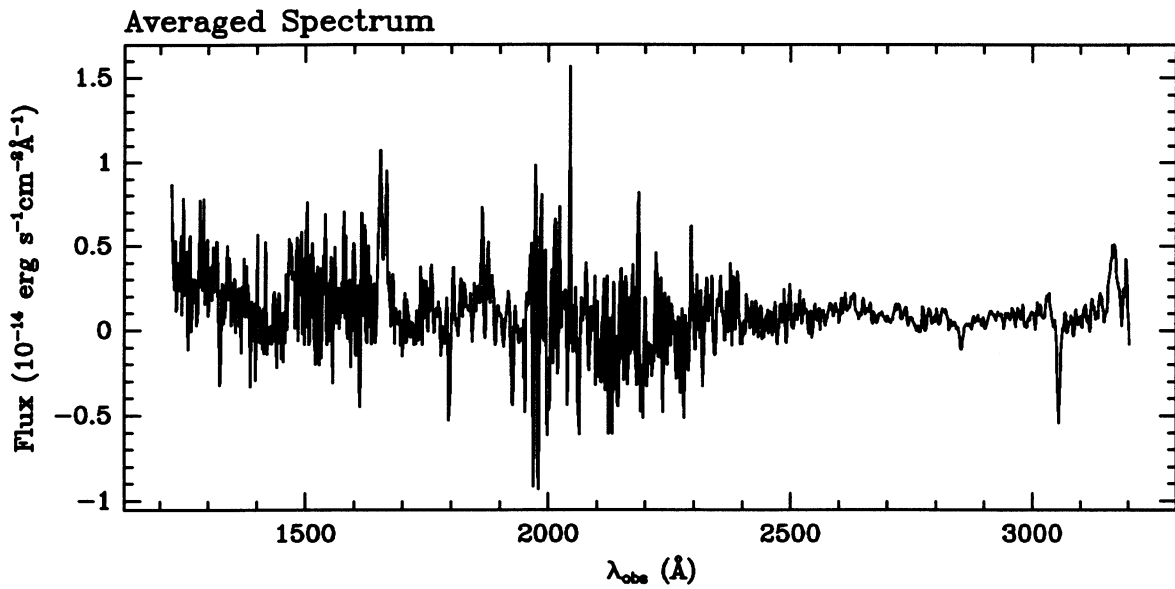
EINSTEIN           • 403                   • 774  
EXOSAT             • 1539

**References**

• 402   • 430   • 433   • 438   • 471   • 487   • 603   • 621  
• 723   • 733   • 801   • 811   • 830   • 832   • 835   • 930

**QSO 1700+643**

Right Ascension	:	17h 00m 40.50s
Declination	:	64° 16' 25.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	2.722
Alternative Names	:	QSO 1700+6416



**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	LWP 13542 L	47343.0	30 Jun 88	19500.0			0.24	0.08	314	
2	SWP 33927 L	47358.0	15 Jul 88	23040.0					214	

**X-Ray Spectra**

<b>EINSTEIN</b>	• 401	• 542	• 840	• 841
	• 842	• 844	• 846	• 851
	• 852	• 861	• 864	• 871
	• 879	• 881	• 897	• 898
	• 927	• 930	• 939	
<b>EXOSAT</b>	• 891	• 1583	• 1632	• 1687
	• 1751	• 1839	• 1866	

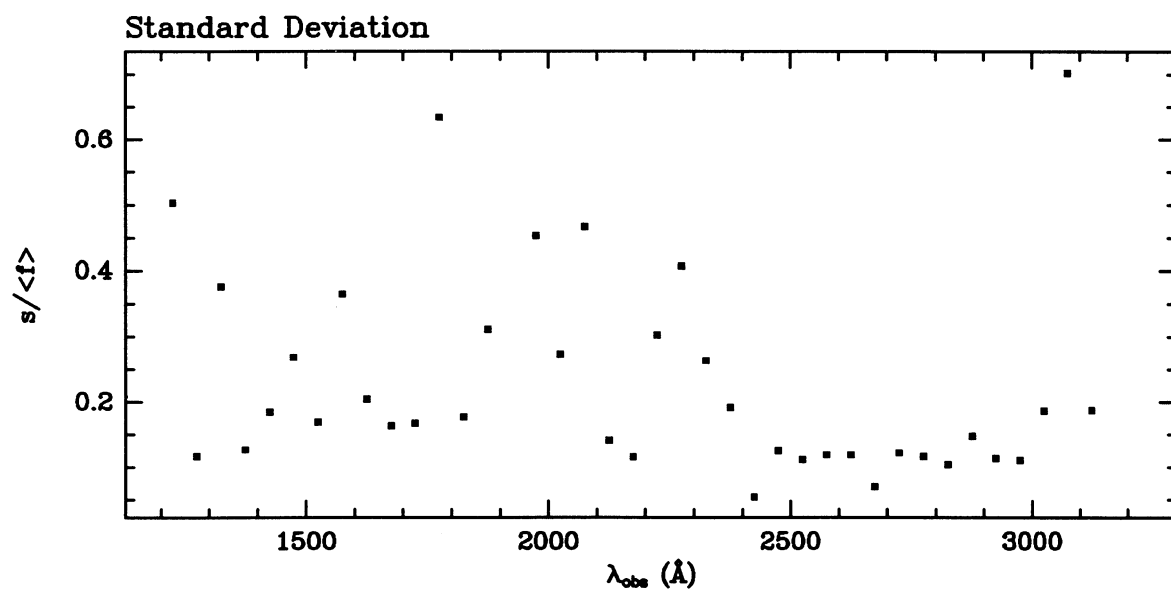
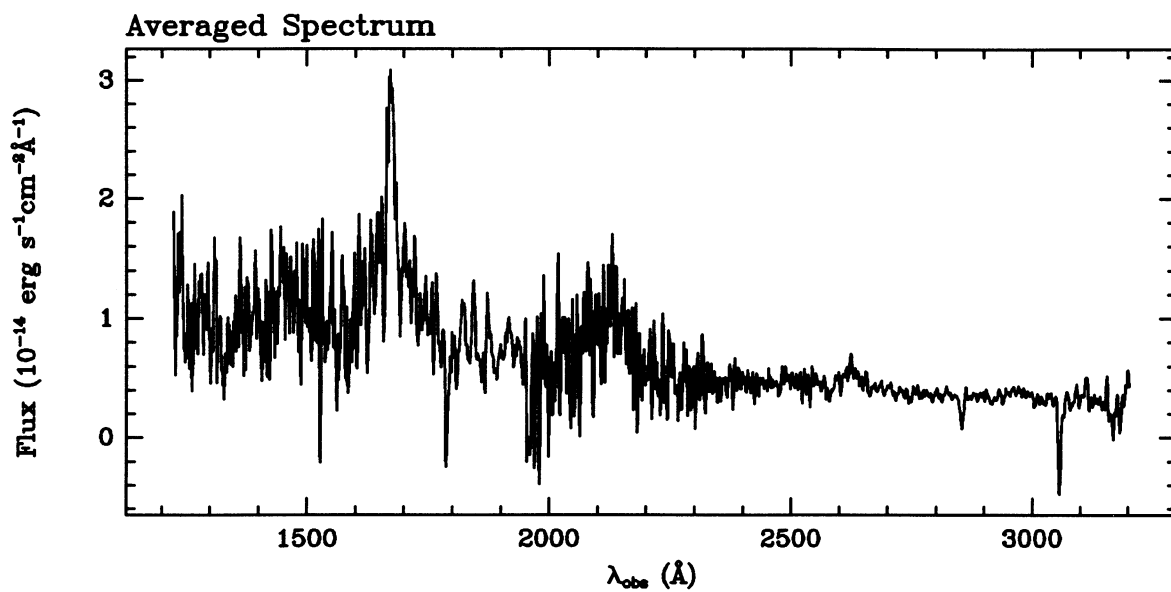
**References**

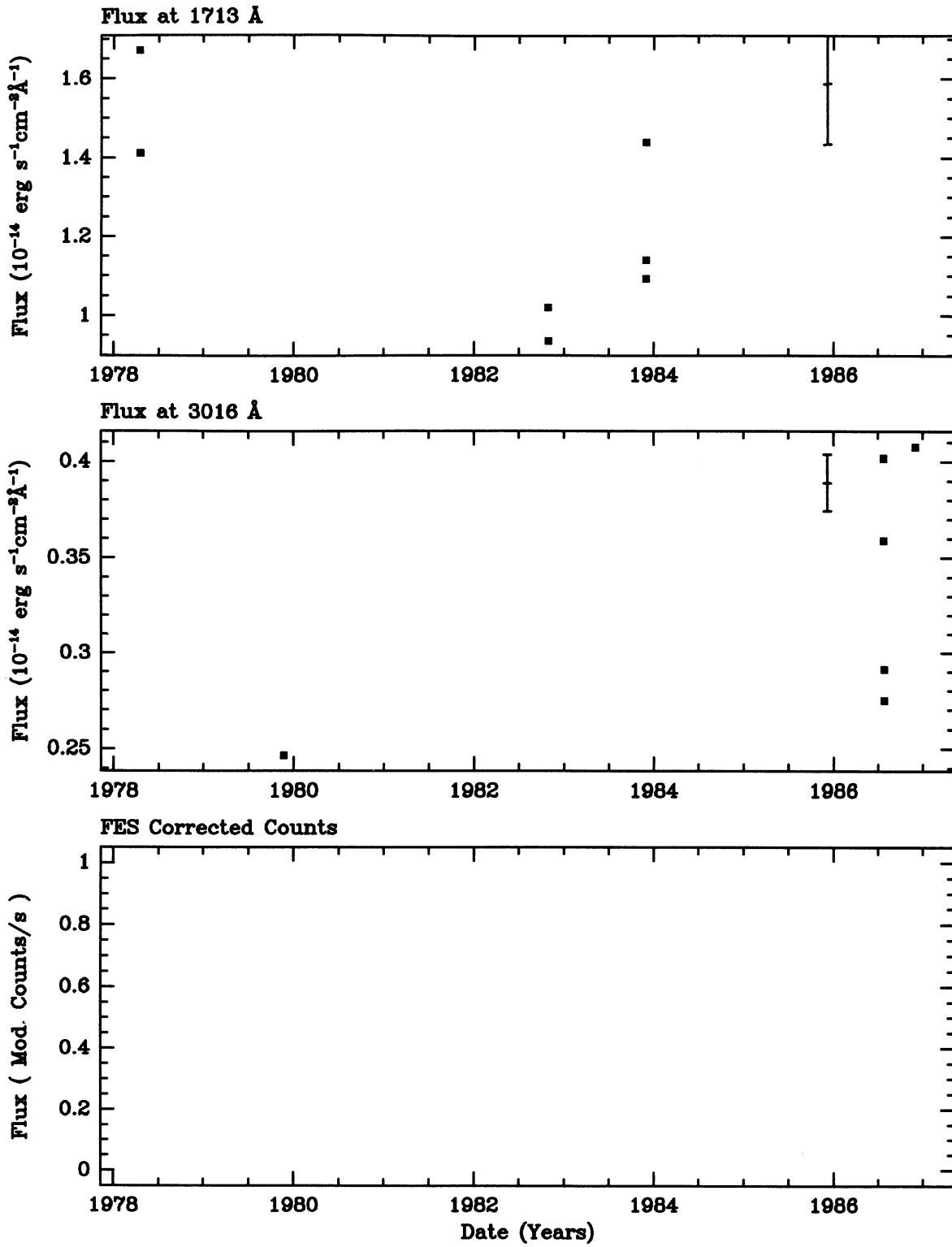
- 770
- 851
- 857
- 859
- 890
- 909



**PG 1704+608**

Right Ascension	: 17h 04m 03.49s
Declination	: 60° 48' 30.9"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.371
Alternative Names	: 3C 351, 4C 60.24, NRAO 522
	: OT 607, 1E 1704.0+6048, QSO 1704+608





**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1713 Å	3016 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$	
1	SWP	1370	L	43615.0	16 Apr 78	3600.0			1.67			
2	SWP	1376	L	43616.0	17 Apr 78	19200.0			1.41			
3	LWR	6208	L	44200.0	22 Nov 79	17100.0				0.25	4x9	
4	SWP	18427	L	45272.0	29 Oct 82	18900.0			1.02		334	
5	SWP	18441	L	45274.0	31 Oct 82	21600.0			0.94		336	
6	SWP	21653	L	45670.0	1 Dec 83	14400.0			1.44		342	
7	SWP	21654	L	45670.0	1 Dec 83	19800.0			1.09		335	
8	SWP	21655	L	45670.0	1 Dec 83	15600.0			1.14		328	
9	LWP	8711	L	46636.0	24 Jul 86	16800.0				0.36	307	
10	LWP	8712	L	46636.0	24 Jul 86	3900.0				0.40	303	
11	LWP	8736	L	46639.0	27 Jul 86	12000.0				0.28	335	
12	LWP	8737	L	46639.0	27 Jul 86	8400.0				0.29	309	
13	LWP	9624	L	46768.0	3 Dec 86	24480.0				0.41	434	D

**X-Ray Spectra**

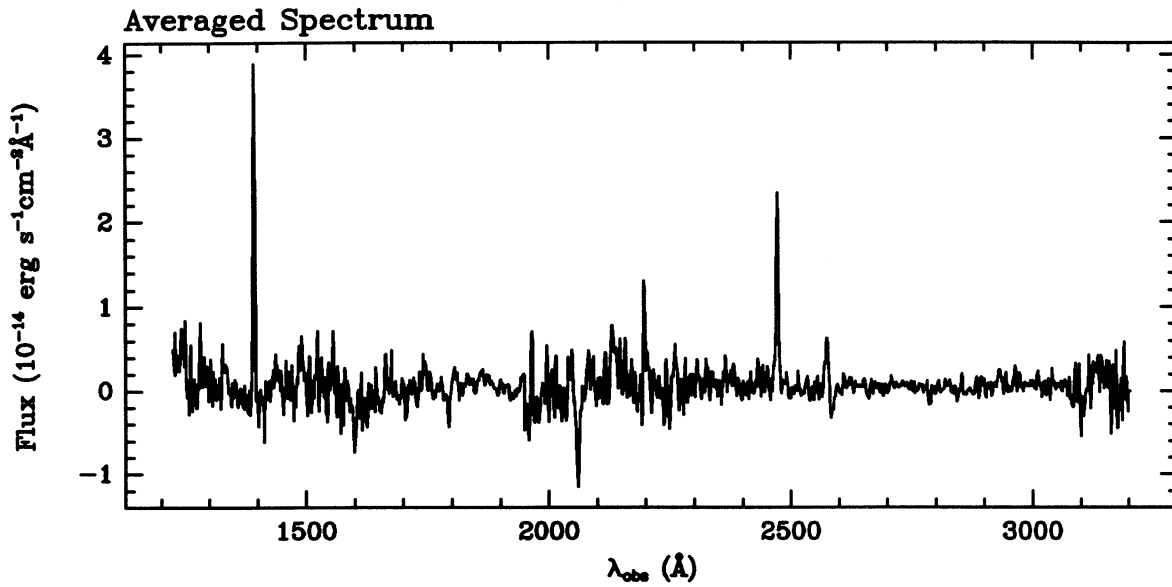
- EINSTEIN**
- 85                      • 158                      • 193                      • 287
  - 292                      • 370                      • 395                      • 400
  - 425                      • 640                      • 764                      • 1155
- EXOSAT**
- 1637

**References**

- 14      • 18      • 52      • 85      • 164      • 175      • 284      • 296
- 302      • 320      • 423      • 504      • 522      • 590      • 598      • 603
- 621      • 662      • 701      • 729      • 730      • 745      • 747      • 776
- 801      • 804      • 816      • 832      • 842      • 887

## NGC 6300

Right Ascension	: 17h 12m 18.00s
Declination	: -62° 45' 54.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.003
Alternative Names	: ESO 101- 25, IRAS 17123-6245



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1253 Å	2206 Å	CEB	Flag
1	LWR 16054 L	45488.0	2 Jun 83	12000.0					115	SKY
2	SWP 20124 L	45488.0	2 Jun 83	15300.0					211	

### X-Ray Spectra

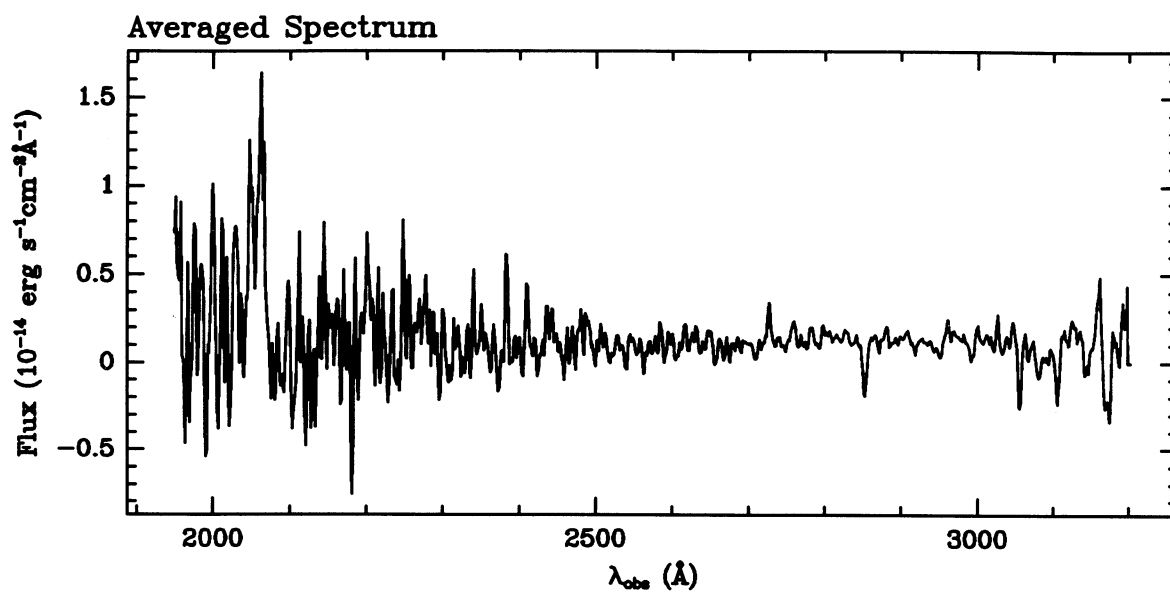
EINSTEIN	• 750	• 751
EXOSAT	• 995	• 1511

### References

• 181    • 582    • 775    • 834

**PG 1715+535**

Right Ascension	:	17h 15m 30.70s
Declination	:	53° 31' 24.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.929
Alternative Names	:	QSO 1715+535

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 10151 L	46846.0	19 Feb 87	24600.0				0.12	309	D

**X-Ray Spectra**

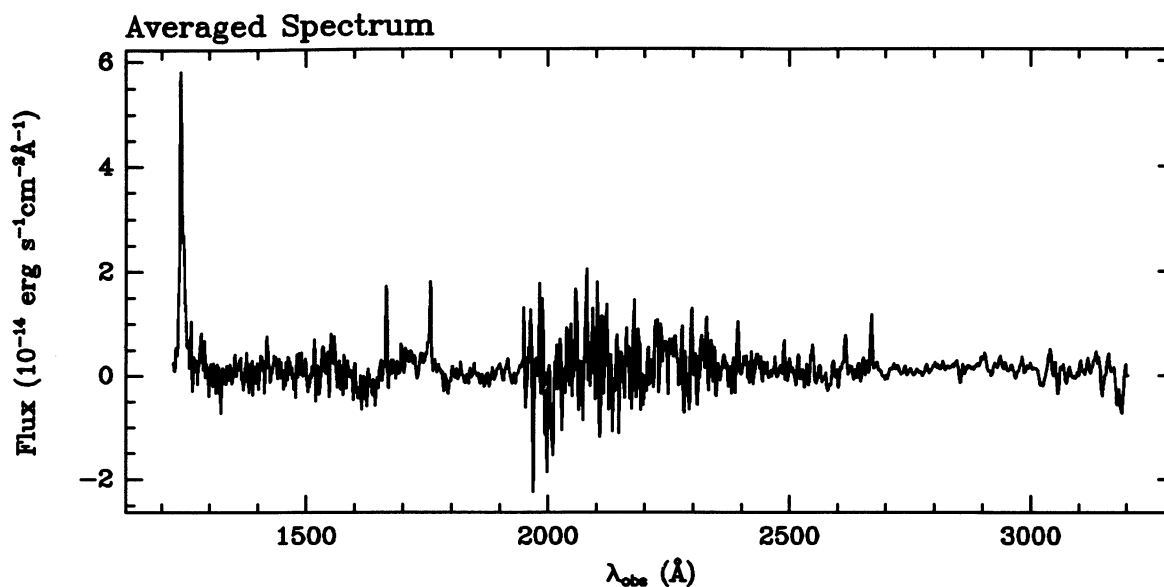
EINSTEIN                      • 776                      • 941

**References**

• 711            • 719            • 801

**MCG +08-31-0041**

Right Ascension	:	17h 17m 56.30s
Declination	:	49° 01' 49.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	LWP 8633 L	46628.0	16 Jul 86	7200.0					304	D
2	SWP 28684 L	46628.0	16 Jul 86	15900.0			0.16	0.45	325	
3	SWP 33003 L	47221.0	29 Feb 88	6540.0			0.26		121	

**X-Ray Spectra**

EINSTEIN           • 503                   • 752                   • 753                   • 754  
                          • 775

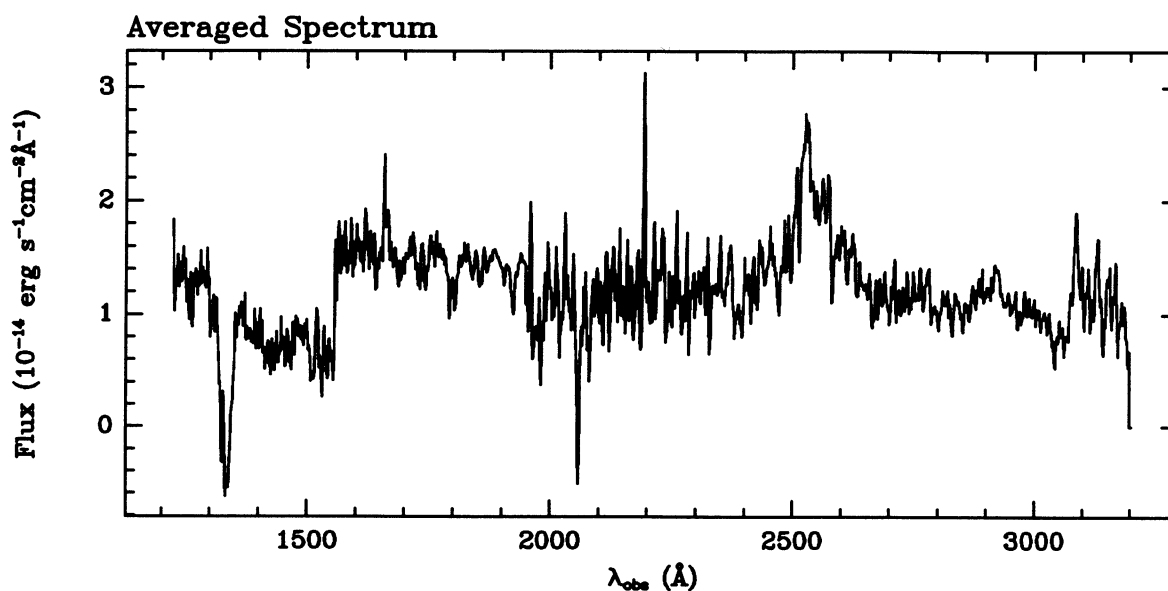
EXOSAT             • 167

**References**

• 199           • 494           • 722

**PG 1718+481**

Right Ascension	:	17h 18m 17.70s
Declination	:	48° 07' 11.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.084
Alternative Names	:	QSO 1718+481

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2605 Å	3000 Å	ECB	Flag
1	LWR 13015 L	45073.0	13 Apr 82	25800.0			1.54	1.02	xx8	U
2	SWP 16762 L	45074.0	14 Apr 82	19800.0					305	U
3	SWP 34766 L	47484.0	18 Nov 88	21300.0					307	

**X-Ray Spectra**

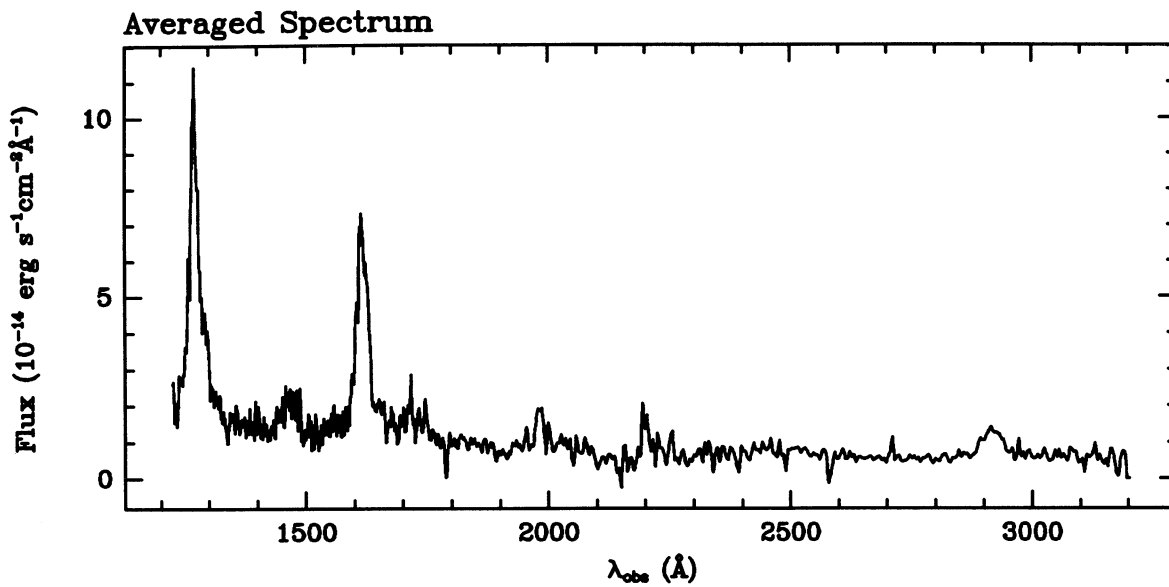
EINSTEIN • 755

**References**

• 312 • 600 • 621 • 701 • 729 • 801 • 830 • 832  
• 842

**MRK 506**

Right Ascension	:	17h 20m 45.60s
Declination	:	30° 55' 30.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.043
Alternative Names	:	MCG+05-41-0012, EQ 1720+309

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1303 Å	2294 Å	CEB	Flag
1	SWP 5710 L	44058.0	3 Jul 79	10800.0			3.22			34
2	LWR 4940 L	44059.0	4 Jul 79	9600.0				0.60		34

**X-Ray Spectra**

EINSTEIN	• 181	
EXOSAT	• 48	• 115

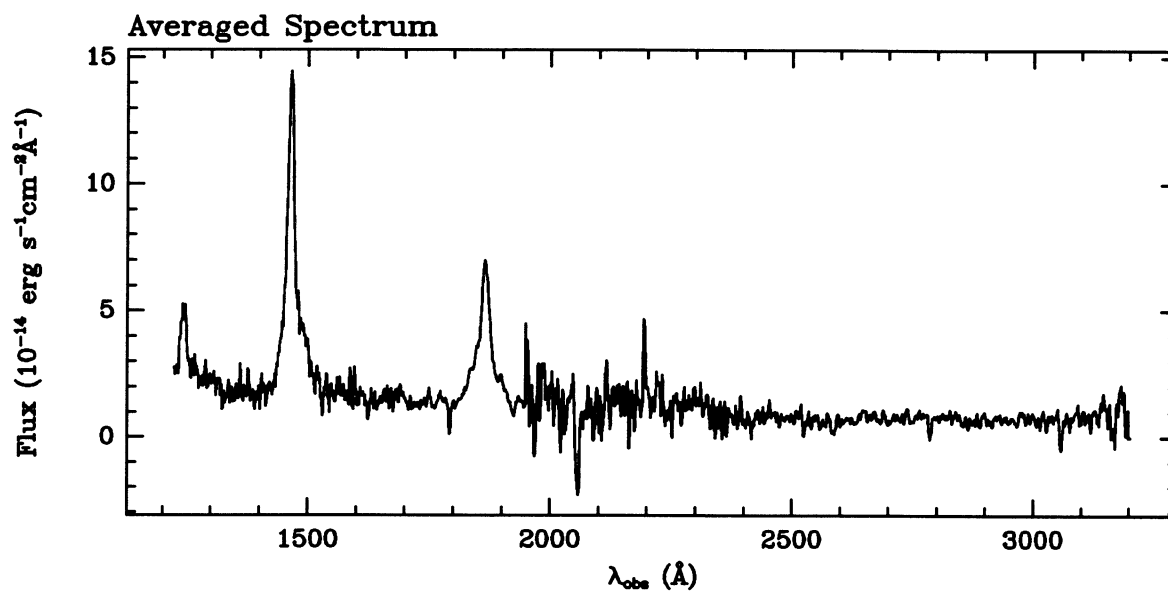
**References**

• 38	• 85	• 135	• 145	• 158	• 206	• 231	• 261
• 284	• 296	• 320	• 394	• 593	• 717	• 804	



**QSO 1721+343B**

Right Ascension	:	17h 21m 32.01s
Declination	:	34° 20' 41.8"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.206
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1507 $\text{\AA}$	2653 $\text{\AA}$	CEB	Flag
1	LWR 16678 L	45574.0	27 Aug 83	3600.0					309	
2	SWP 20817 L	45574.0	27 Aug 83	5760.0			3.52	1.07	346	
3	SWP 28257 L	46554.0	3 May 86	24600.0			2.53		3x8	
4	LWP 8149 L	46555.0	4 May 86	11280.0				0.71	309	D
5	SWP 28261 L	46555.0	4 May 86	13500.0			2.71		344	
6	LWP 8171 L	46561.0	10 May 86	16200.0				0.73	437	D

**X-Ray Spectra**

EINSTEIN           • 463                   • 468                   • 1204

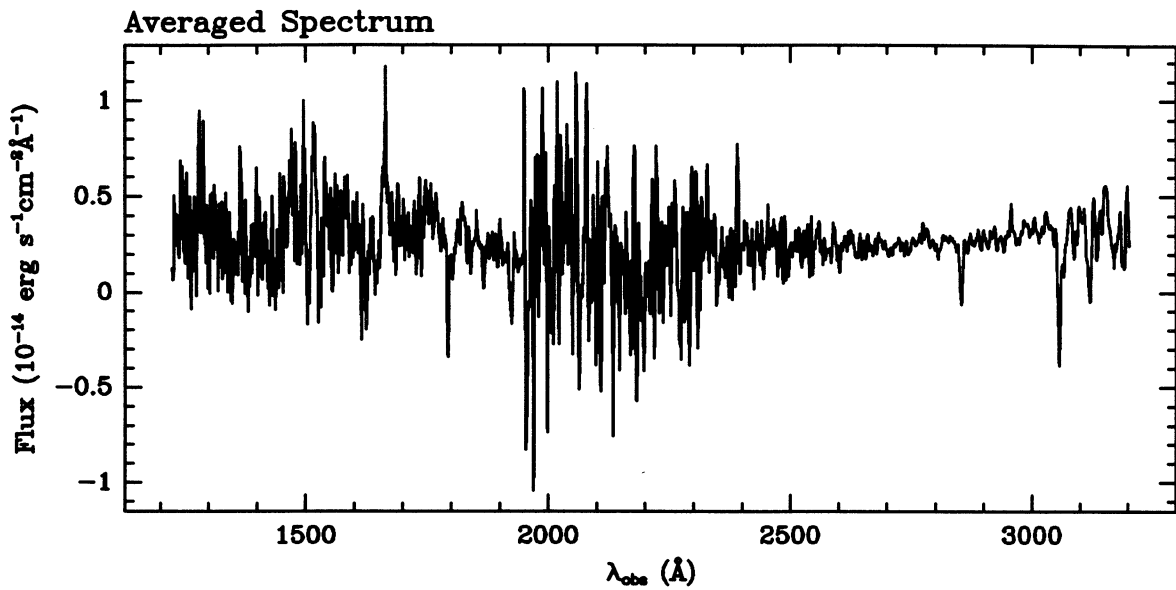
EXOSAT            • 1434                   • 1435

**References**

- 14      • 18      • 52      • 85      • 164      • 175      • 284      • 296
- 302      • 320      • 423      • 504      • 522      • 590      • 598      • 603
- 621      • 662      • 701      • 729      • 730      • 745      • 747      • 776
- 801      • 804      • 816      • 832      • 842      • 887

### AOO 1722 +119

Right Ascension	:	17h 22m 44.43s
Declination	:	11° 54' 51.4"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	Unknown
Alternative Names	:	4U 1722+11



### Observed Spectra

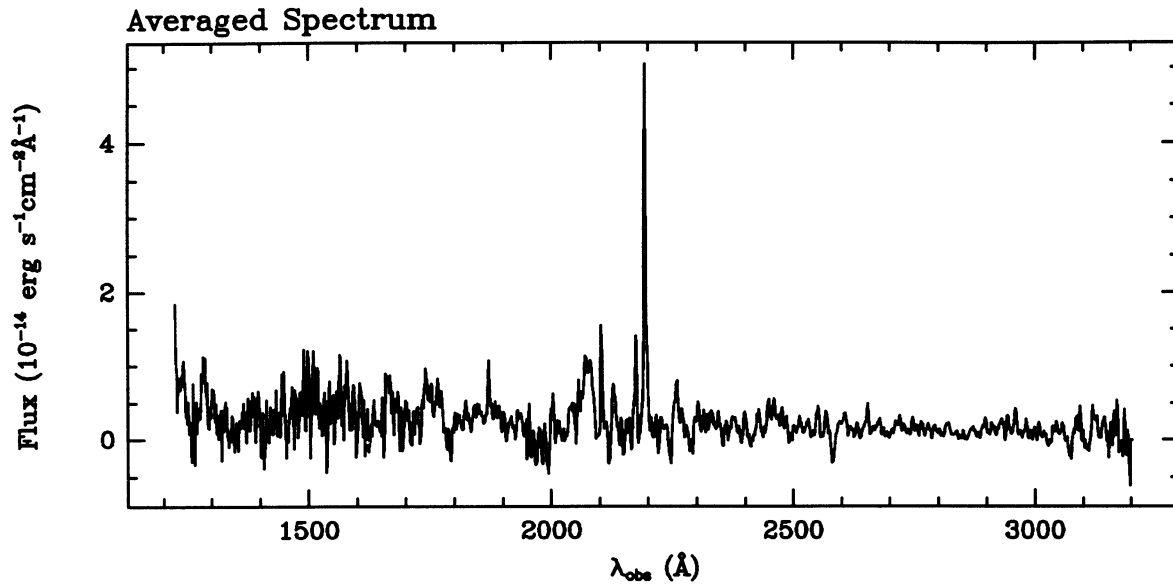
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP 9170 L	46699.0	25 Sep 86	10200.0					306	
2	SWP 29319 L	46702.0	28 Sep 86	18000.0			0.27	0.23	307	
3	LWP 10697 L	46921.0	5 May 87	7500.0					344	D
4	LWP 10705 L	46923.0	7 May 87	15000.0				0.20	306	
5	SWP 30936 L	46924.0	8 May 87	24300.0			0.34		307	

### X-Ray Spectra

- |          |       |        |
|----------|-------|--------|
| EINSTEIN | • 151 | • 1121 |
| EXOSAT   | • 610 | • 1779 |

**QSO 1727+502**

Right Ascension	:	17h 27m 04.33s
Declination	:	50° 15' 31.2"
Object Type	:	BL Lac
ULDA Type	:	87
Redshift	:	0.055
Alternative Names	:	OT 546, ZW I 187
	:	ZW II 77, PKS 1727+50

**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 6896 L	44165.0	18 Oct 79	17100.0			0.24		306	
2	LWR 8475 L	44462.0	10 Aug 80	7200.0				0.30	302	
3	SWP 9757 L	44462.0	10 Aug 80	17760.0			0.32		334	
4	LWR 10301 L	44702.0	7 Apr 81	10800.0				0.25	303	
5	SWP 13676 L	44702.0	7 Apr 81	12000.0			0.25		303	
6	SWP 23678 L	45925.0	12 Aug 84	2700.0			0.27		203	

**X-Ray Spectra**

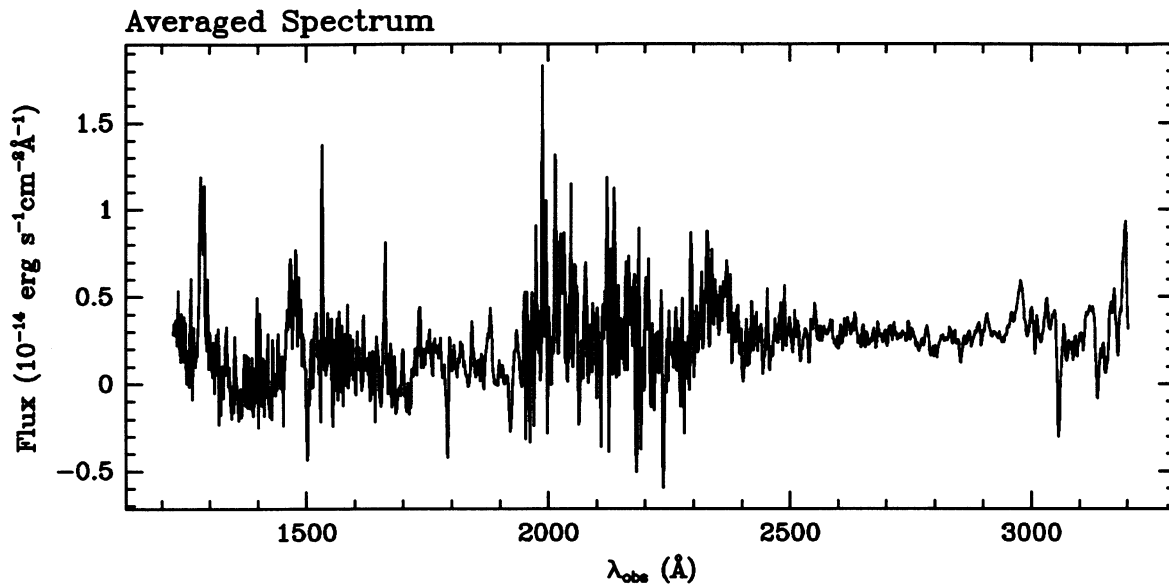
<b>EINSTEIN</b>	• 402	• 1074		
<b>EXOSAT</b>	• 16	• 17	• 85	• 166
	• 167	• 187	• 188	• 288
	• 607	• 621	• 629	• 819
	• 875	• 883	• 884	• 936
	• 950	• 1009	• 1083	• 1159
	• 1648	• 1801		

**References**

- 28      • 107      • 133      • 137      • 138      • 238      • 255      • 279
- 291      • 292      • 522      • 526      • 698

**AOO KAZ 163**

Right Ascension	:	17h 47m 15.90s
Declination	:	68° 37' 25.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.063
Alternative Names	:	QSO 1747+684

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1328 Å	2338 Å	CEB	Flag
1	SWP 33240 L	47261.0	9 Apr 88	24840.0			0.05			233
2	LWP 13012 L	47262.0	10 Apr 88	17580.0				0.47		335

**X-Ray Spectra**

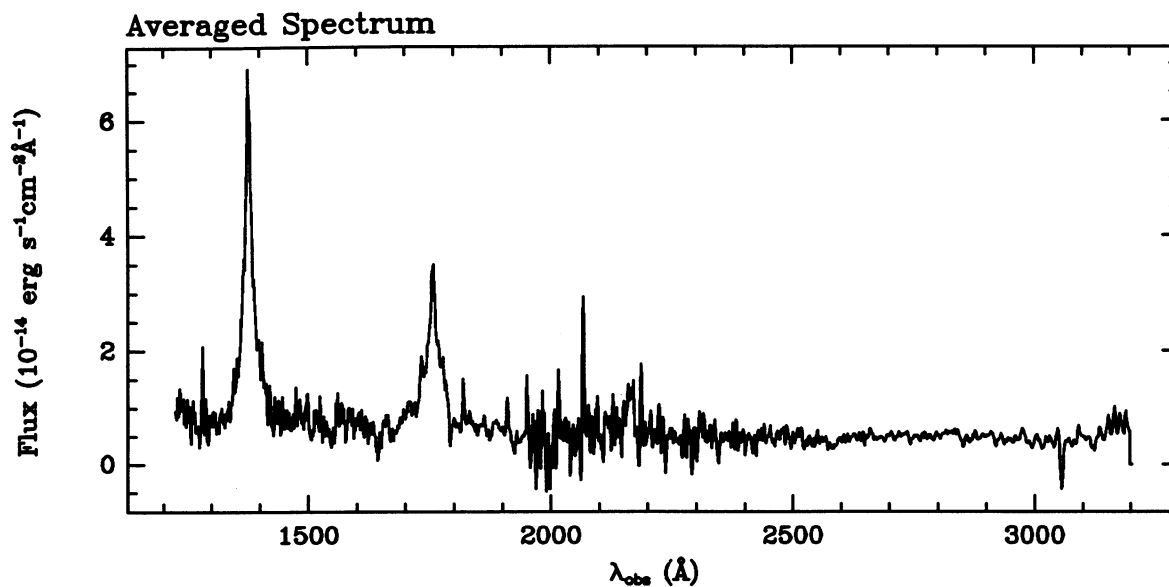
<b>EINSTEIN</b>	• 152	• 175	• 182	• 538
	• 544	• 771	• 773	• 828
	• 829	• 835	• 836	• 843
	• 847	• 849	• 850	• 858
	• 859	• 863	• 865	• 866
	• 868	• 876	• 886	• 888
	• 890	• 891	• 907	• 909
	• 914	• 917	• 922	• 933
	• 936			

**References**

- 245

## QSO 1803+676

Right Ascension	:	18h 03m 37.40s
Declination	:	67° 37' 53.9"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.136
Alternative Names	:	1E 1803.6+6738, KA 102



### Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1420 Å	2499 Å	CEB	Flag
1	LWP	10810	L	46938.0	22 May 87	23100.0			1.20	0.50	439	D
2	SWP	31032	L	46939.0	23 May 87	23700.0					356	

### X-Ray Spectra

<b>EINSTEIN</b>	• 288	• 535	• 772	• 823
	• 832	• 833	• 839	• 860
	• 862	• 867	• 870	• 873
	• 874	• 875	• 877	• 878
	• 880	• 884	• 885	• 903
	• 905	• 906	• 908	• 910
	• 913	• 915	• 920	• 921
	• 923	• 924	• 928	• 929
	• 932	• 937		
	<b>EXOSAT</b>	• 1459	• 1624	• 1892

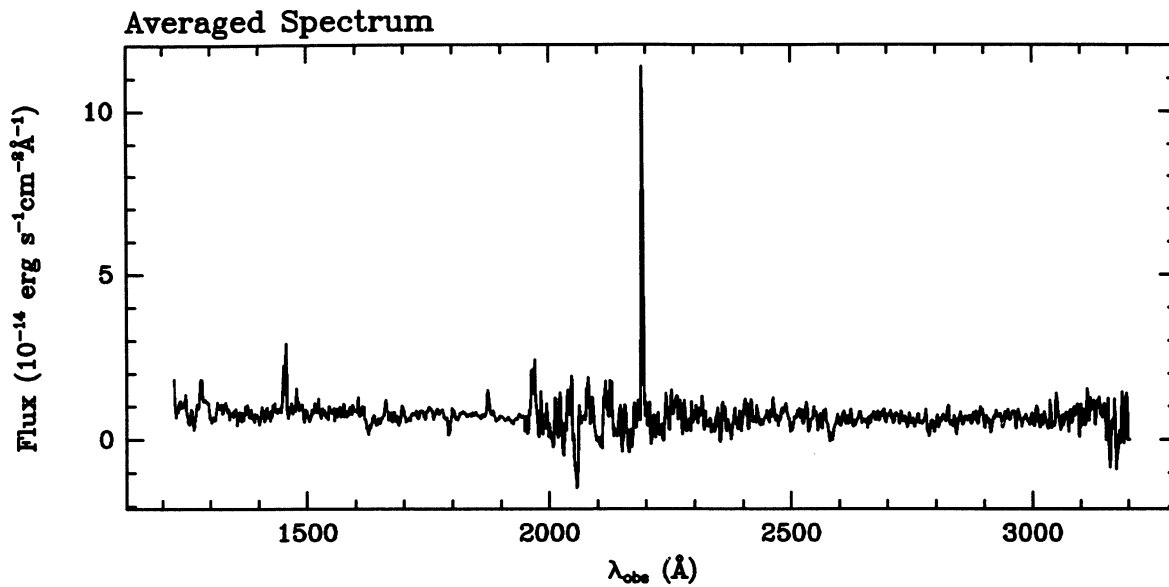


**References**

- 402
- 559
- 627
- 662
- 776
- 815
- 816
- 823
- 879

## QSO 1807+698

Right Ascension	: 18h 07m 18.66s
Declination	: 69° 48' 57.2"
Object Type	: BL Lac HP
ULDA Type	: 87
Redshift	: 0.051
Alternative Names	: UGC 11130, ZW VII 768, 3C 371
	: NRAO 548, 1E 1807.3+6949, PKS 1807+698



## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1313 Å	2312 Å	CEB	Flag
1	LWR 10493 L	44726.0	1 May 81	6300.0	28	28.92		0.66		303
2	SWP 13859 L	44726.0	1 May 81	18000.0	27	27.89	0.80			304
3	SWP 14634 L	44820.0	3 Aug 81	26400.0	20	20.77	0.55			337
4	SWP 24086 L	45974.0	30 Sep 84	9240.0	30	34.94	1.35			302

## X-Ray Spectra

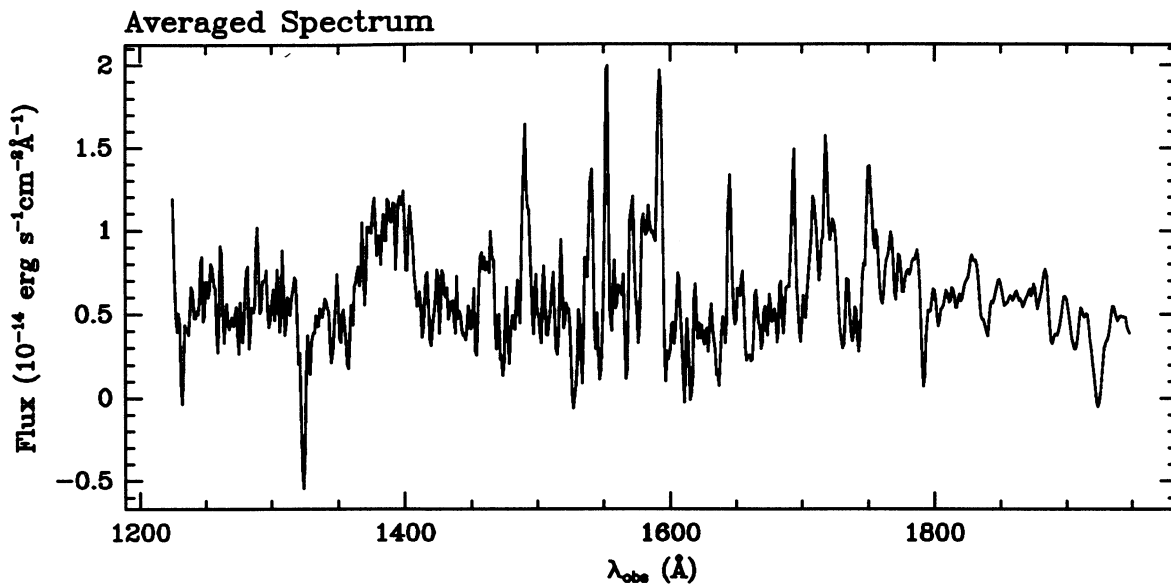
EINSTEIN	• 277	• 383	• 391	• 392
	• 531	• 537	• 733	• 770
	• 837	• 838	• 845	• 848
	• 882	• 883	• 887	• 889
	• 892	• 893	• 894	• 895
	• 899	• 902	• 904	• 911
	• 925	• 931	• 934	• 1142
	EXOSAT	• 952	• 1037	• 1088

**References**

- 93      • 104      • 238      • 279      • 288      • 299      • 522      • 526
- 723

**AOO FRL 44**

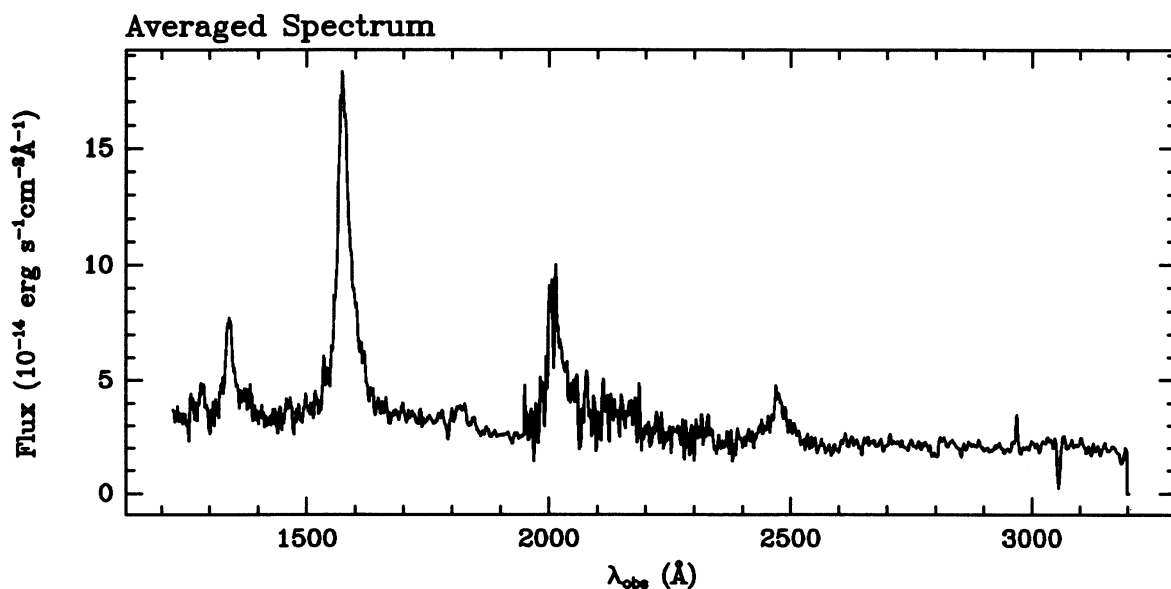
Right Ascension	:	18h 09m 19.00s
Declination	:	-57° 44' 46.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	Unknown
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag
1	SWP 19418 L	45402.0	8 Mar 83	21000.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.58		302

### AOO X 1821 +643

Right Ascension	: 18h 21m 44.00s
Declination	: 64° 19' 32.0"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.297
Alternative Names	: 1E 1821+64.3, QSO 1821+643



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1621 Å	2853 Å	CEB	Flag
1	LWP 11294 L	47006.0	29 Jul 87	7800.0					504	D
2	SWP 31431 L	47006.0	29 Jul 87	18000.0	30	42.96	5.73	2.10	4x5	
3	SWP 31523 L	47017.0	9 Aug 87	7200.0	30	43.09	5.56		353	

### X-Ray Spectra

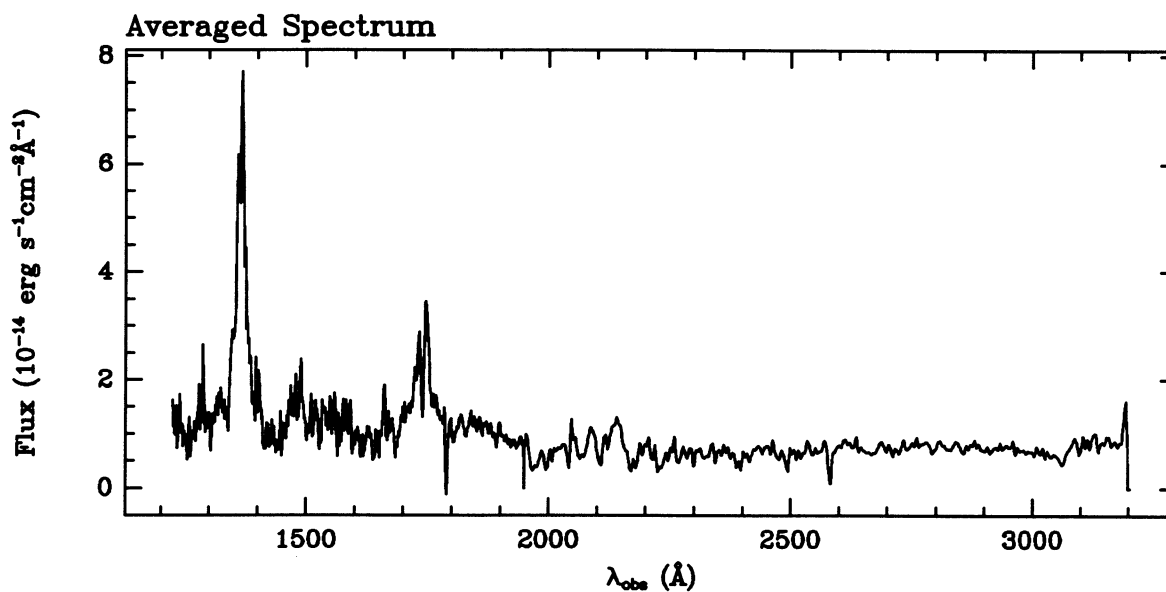
<b>EINSTEIN</b>	• 1	• 840	• 841	• 842
	• 844	• 846	• 851	• 852
	• 853	• 854	• 855	• 856
	• 861	• 869	• 872	• 879
	• 881	• 897	• 898	• 912
	• 916	• 918	• 919	• 927
	• 930	• 935	• 939	
<b>EXOSAT</b>	• 891	• 1583	• 1632	• 1687
	• 1751	• 1839	• 1866	

**References**

- 815
- 921

**QSO 1831+731**

Right Ascension	:	18h 31m 28.60s
Declination	:	73° 10' 56.0"
Object Type	:	Quasar S1
ULDA Type	:	84
Redshift	:	0.123
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1403 Å	2470 Å	CEB	Flag
1	LWR 4931 L	44057.0	2 Jul 79	18000.0						455
2	SWP 5699 L	44057.0	2 Jul 79	14400.0	8	8.09	1.47	0.68		346
3	LWR 4942 L	44059.0	4 Jul 79	20700.0				0.58		407
4	SWP 5712 L	44059.0	4 Jul 79	14399.0			1.59			345

**X-Ray Spectra**

EINSTEIN • 765

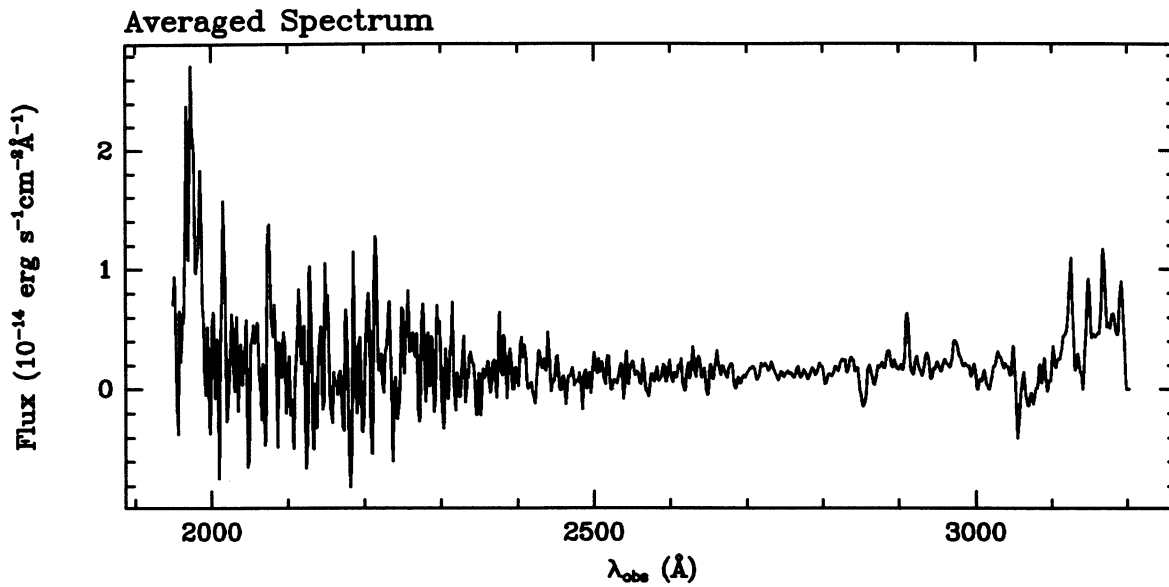
EXOSAT • 222 • 315 • 398 • 477

**References**

• 414

**ABCG 1829**

Right Ascension	:	18h 32m 32.80s
Declination	:	-59° 26' 39.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.019
Alternative Names	:	IR 1832-5926

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1273 Å	2241 Å	CEB	Flag
1	LWP 9273 L	46712.0	8 Oct 86	25020.0				0.25	316	D

**X-Ray Spectra**

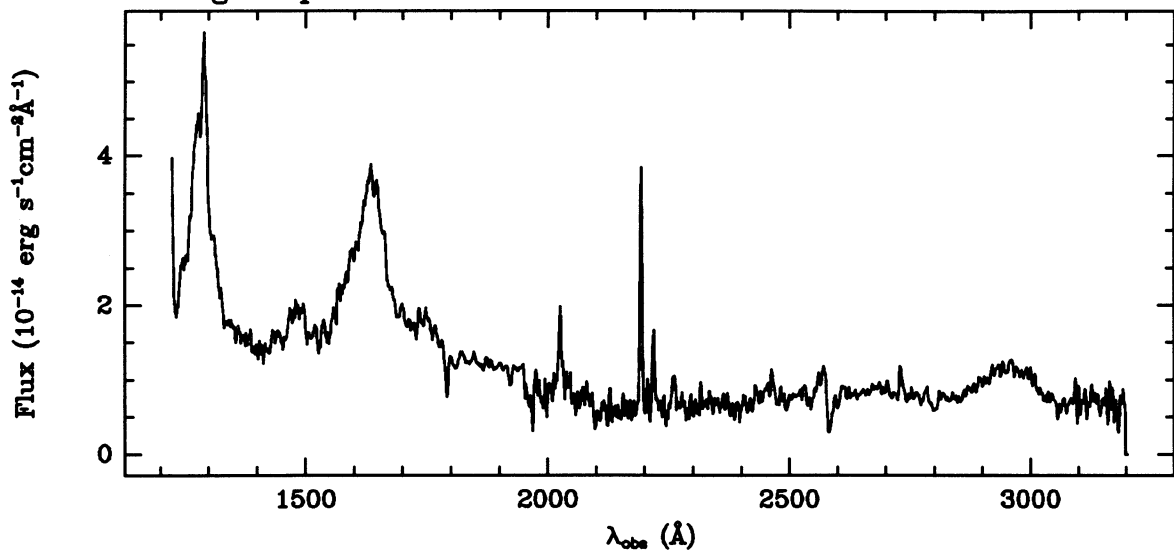
EXOSAT            • 139                            • 282                            • 1049                            • 1050  
                           • 1051                            • 1052



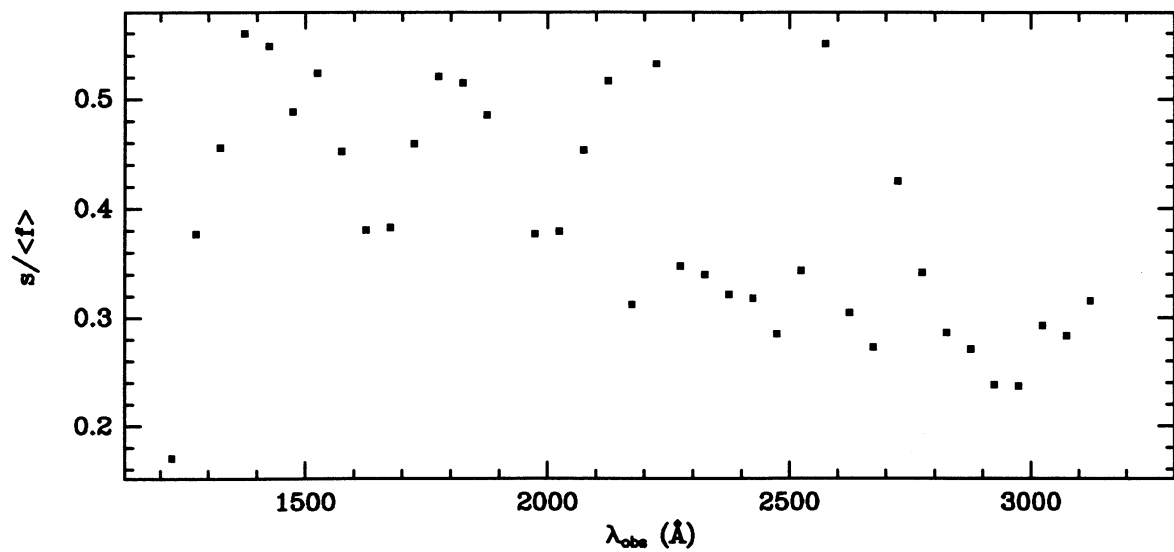
**AOO 3C 382**

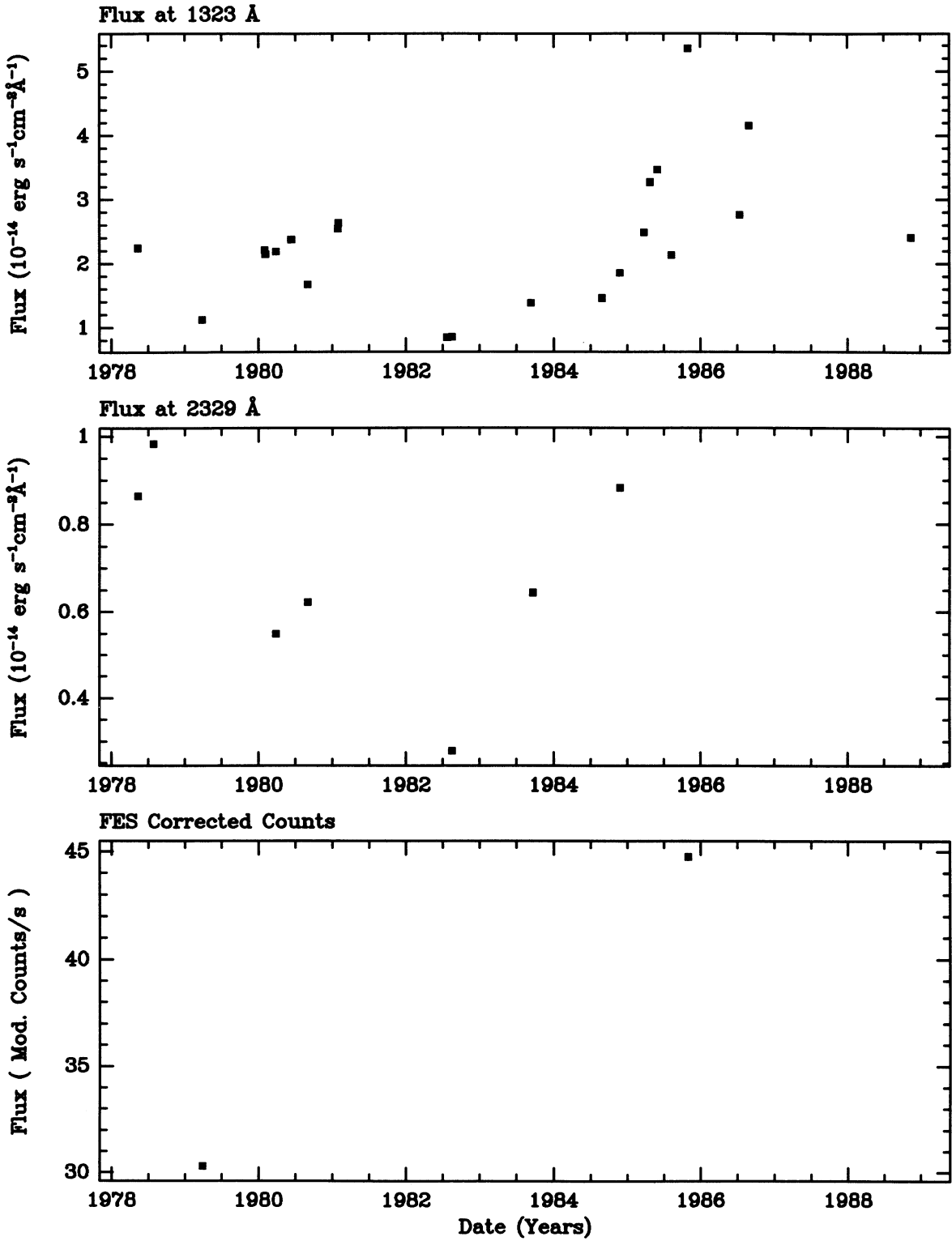
Right Ascension	: 18h 33m 12.00s
Declination	: 32° 39' 18.1"
Object Type	: Seyfert 1
ULDA Type	: 84,86,87,88
Redshift	: 0.059
Alternative Names	: B2 1833+32, 4C 32.55, NRAO 570
	: CTA 80, QSO 1833+326

**Averaged Spectrum**



**Standard Deviation**





**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1323 Å	2329 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR 1479 L	43642.0	13 May 78	10800.0				0.87		
2	SWP 1530 L	43642.0	13 May 78	9900.0			2.25			
3	LWR 1915 L	43719.0	29 Jul 78	7200.0				0.98		
4	SWP 4817 L	43964.0	31 Mar 79	23400.0	30	30.32	1.13			34
5	SWP 7835 L	44271.0	1 Feb 80	23100.0			2.21			344
6	SWP 7873 L	44275.0	5 Feb 80	12900.0			2.15			233
7	LWR 7319 L	44327.0	28 Mar 80	7140.0				0.55		314
8	SWP 8581 L	44327.0	28 Mar 80	16200.0			2.19			343
9	SWP 9276 L	44404.0	13 Jun 80	9000.0			2.37			341
10	SWP 9986 L	44485.0	2 Sep 80	25200.0			1.67			3x7
11	LWR 8700 L	44486.0	3 Sep 80	24900.0				0.62		555
12	SWP 11192 L	44635.0	30 Jan 81	10560.0			2.54			332
13	SWP 11200 L	44636.0	31 Jan 81	10800.0			2.63			332
14	SWP 17475 L	45175.0	24 Jul 82	24300.0			0.84			336
15	LWR 13974 L	45200.0	18 Aug 82	14400.0				0.28		303
16	SWP 17718 L	45200.0	18 Aug 82	10200.0			0.85			232
17	SWP 21029 L	45590.0	12 Sep 83	22680.0			1.38			343
18	LWR 16841 L	45599.0	21 Sep 83	15660.0				0.64		338
19	SWP 23810 L	45942.0	29 Aug 84	22320.0			1.46			339
20	LWP 4900 L	46033.0	28 Nov 84	7800.0				0.88		413 D
21	SWP 24577 L	46033.0	28 Nov 84	16020.0			1.85			343
22	SWP 25535 L	46153.0	28 Mar 85	25200.0			2.49			347
23	SWP 25786 L	46183.0	27 Apr 85	12000.0			3.27			342
24	SWP 26076 L	46220.0	3 Jun 85	10080.0			3.47			342
25	SWP 26593 L	46289.0	11 Aug 85	11100.0			2.14			342
26	SWP 27010 L	46372.0	2 Nov 85	6240.0	36	44.76	5.36			341
27	SWP 28691 L	46628.0	16 Jul 86	23640.0			2.76			354
28	SWP 29115 L	46675.0	1 Sep 86	17820.0			4.16			447
29	SWP 34750 L	47482.0	16 Nov 88	24600.0			2.41			343

**X-Ray Spectra**

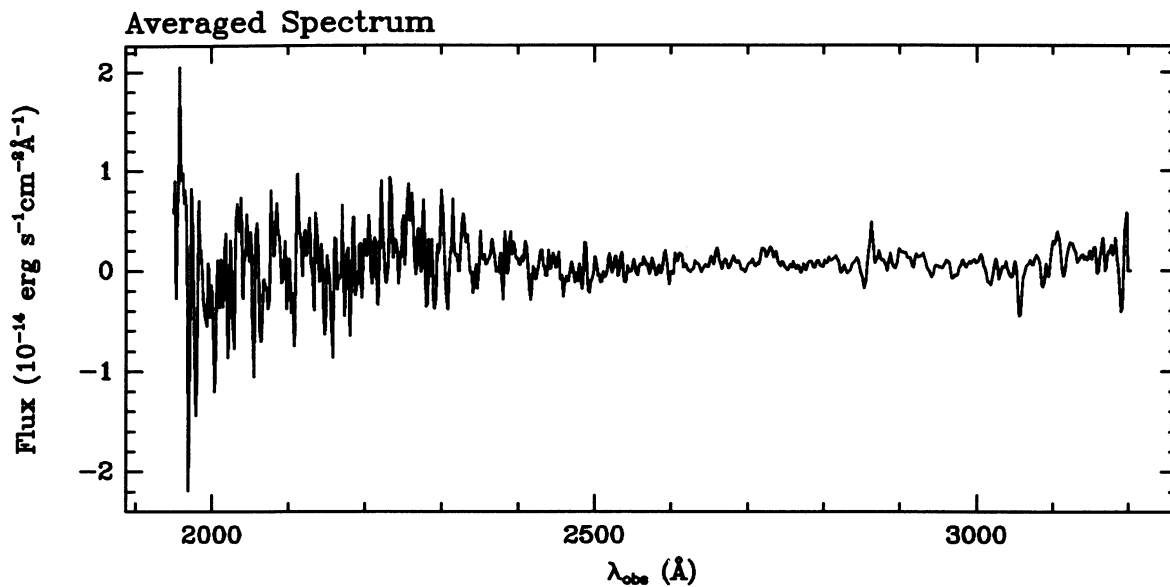
- |                 |        |        |        |        |
|-----------------|--------|--------|--------|--------|
| <b>EINSTEIN</b> | • 183  | • 184  | • 501  | • 504  |
| <b>EXOSAT</b>   | • 158  | • 700  | • 763  | • 1505 |
|                 | • 1506 | • 1518 | • 1519 | • 1537 |
|                 | • 1538 | • 1601 | • 1602 | • 1617 |
|                 | • 1633 | • 1655 | • 1667 | • 1686 |
|                 | • 1698 | • 1718 | • 1731 | • 1732 |
|                 | • 1750 | • 1761 | • 1780 | • 1796 |
|                 | • 1797 | • 1825 |        |        |

**References**

- |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| • 81  | • 85  | • 285 | • 315 | • 320 | • 400 | • 439 | • 504 |
| • 540 | • 667 | • 723 | • 724 | • 816 | • 891 |       |       |

**ESOB 103-G35**

Right Ascension	:	18h 33m 22.00s
Declination	:	-65° 28' 18.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.013
Alternative Names	:	IRAS 18333-6528, EQ 1833-654

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1266 Å	2228 Å	CEB	Flag
1	LWP 5458 L	46131.0	6 Mar 85	10800.0				0.24	212	D

**X-Ray Spectra**

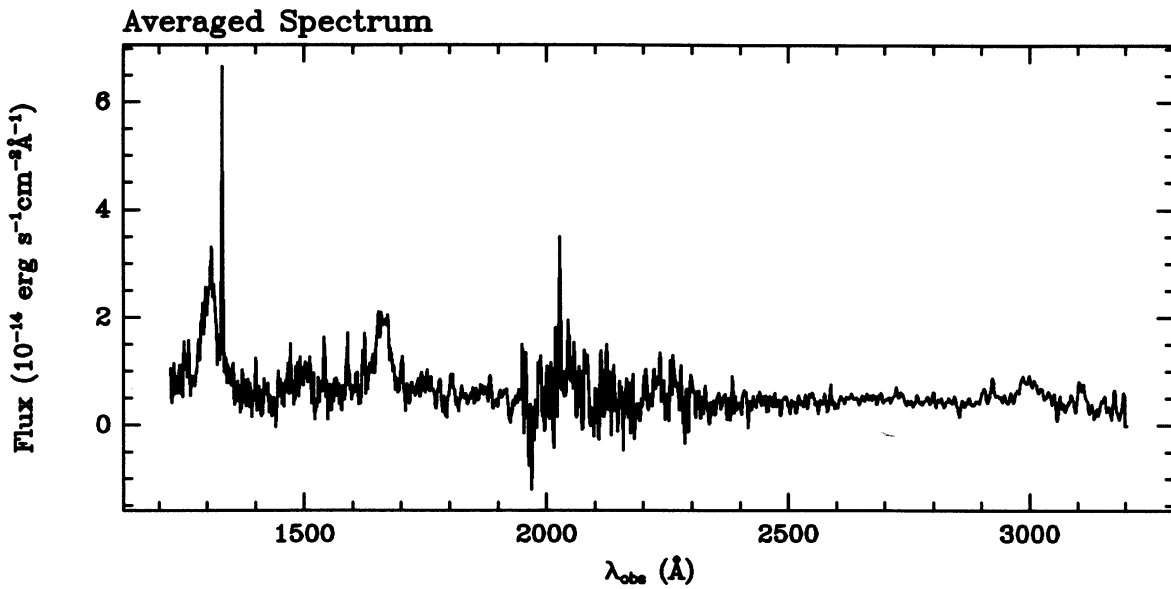
EINSTEIN	• 746	• 786		
EXOSAT	• 140	• 730	• 731	• 732
	• 1553	• 1737	• 1755	• 1782

**References**

• 13    • 247    • 394    • 607    • 662    • 841

**AOO A 1839 -78**

Right Ascension	:	18h 39m 03.50s
Declination	:	-78° 35' 06.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.074
Alternative Names	:	H 1839-78.6



**Observed Spectra**

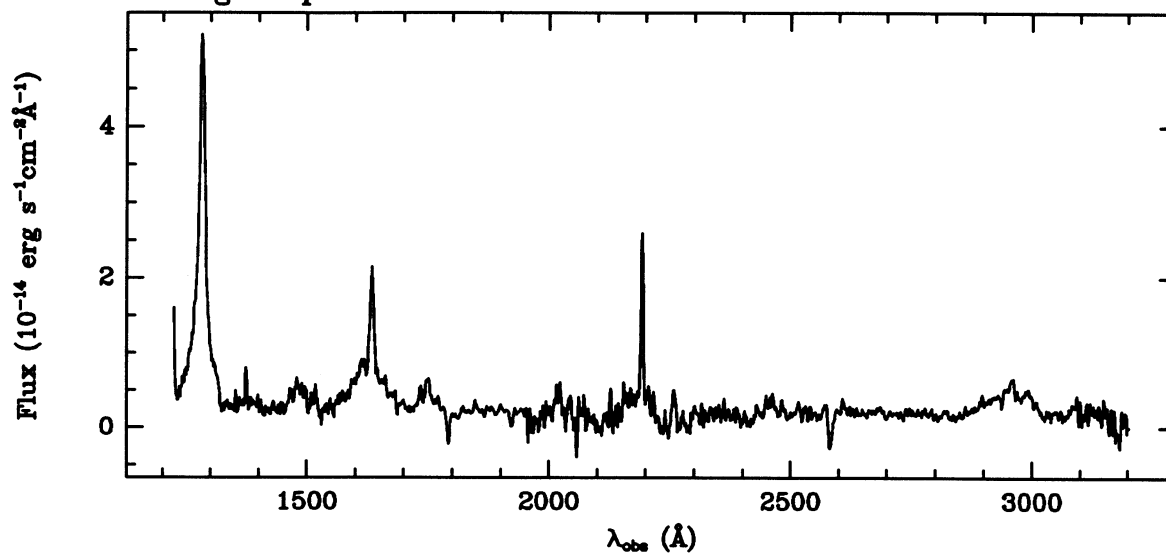
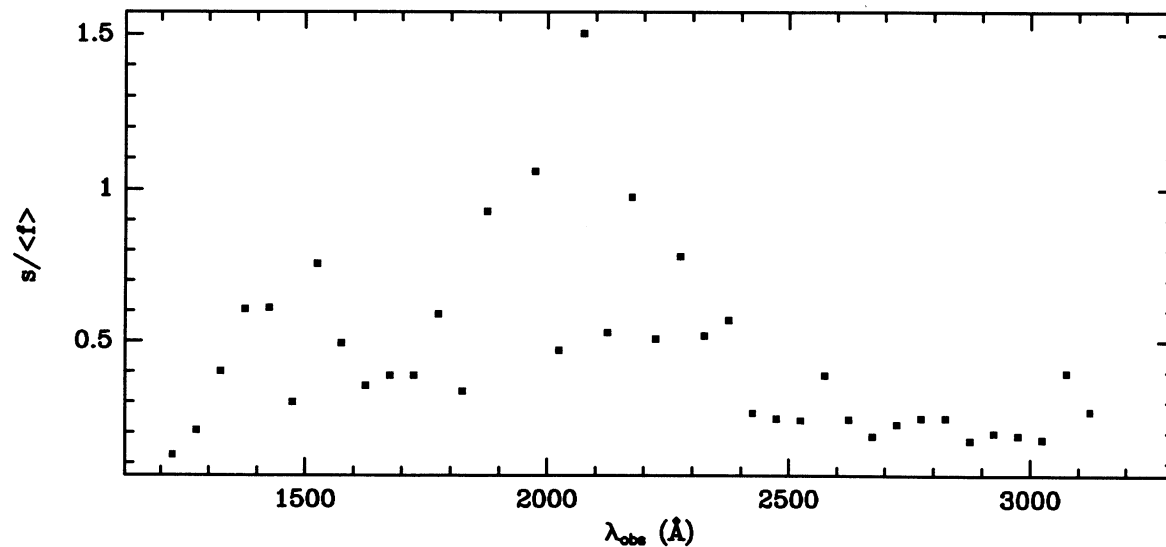
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1342 Å	2362 Å	CEB	Flag
									10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>			
1	LWP	5453	L	46129.0	4 Mar 85	9900.0					332	D
2	SWP	25355	L	46129.0	4 Mar 85	10800.0			1.39	0.42	331	

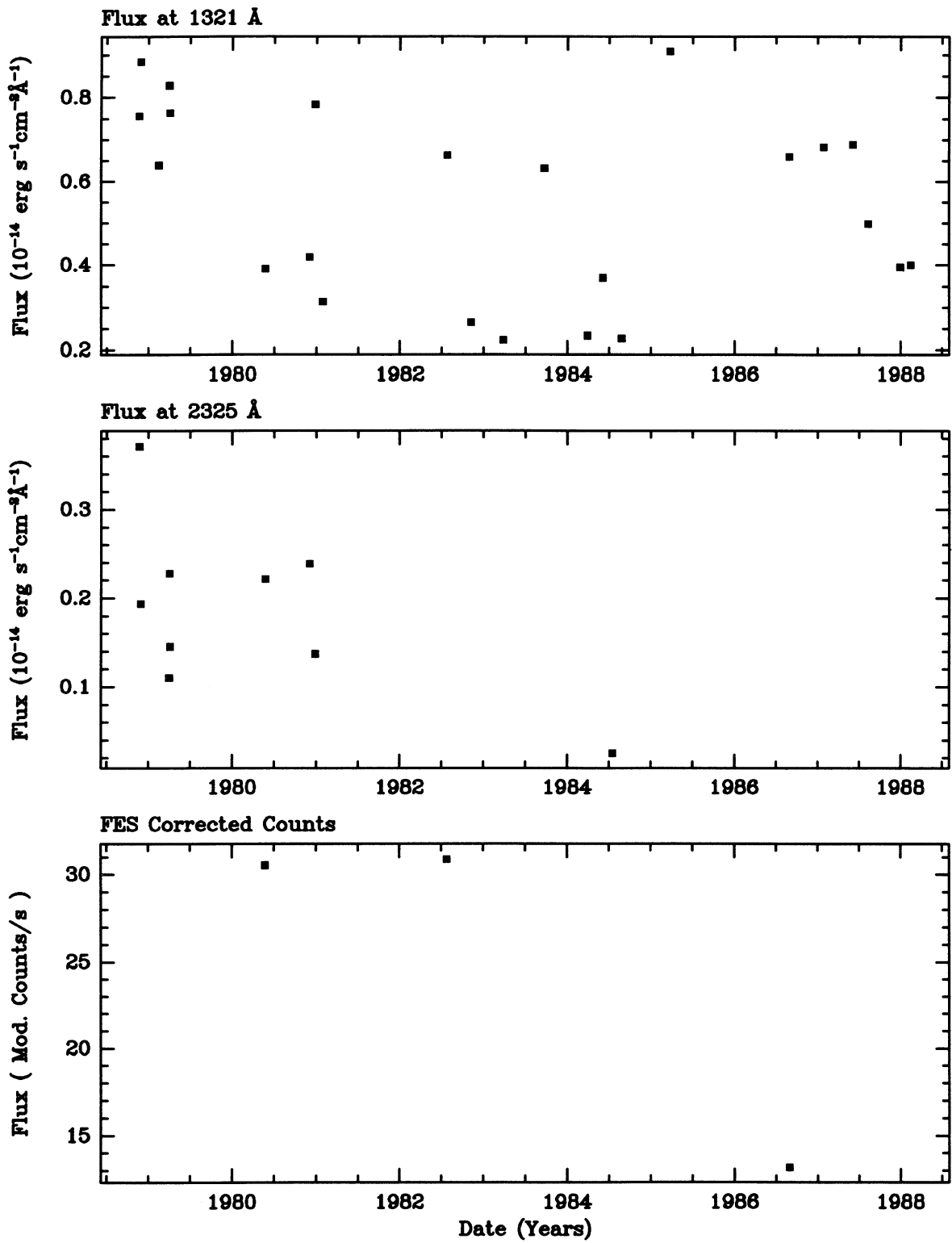
**X-Ray Spectra**

- EINSTEIN                   • 737                   • 1252
- EXOSAT                    • 925

**QSO 1845+796**

Right Ascension	: 18h 45m 43.00s
Declination	: 79° 42' 36.0"
Object Type	: Seyfert 1
ULDA Type	: 84,86,88
Redshift	: 0.057
Alternative Names	: 3C 390.3, PKS 1845+79, H 1858+79.7
	: NRAO 582, ZW VII 838, 4U 1847+78

**Averaged Spectrum****Standard Deviation**



## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1321 Å	2325 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	3410	L	43834.0	21 Nov 78	18000.0			0.76			
2	LWR	3000	L	43835.0	22 Nov 78	18000.0				0.37		
3	LWR	3057	L	43841.0	28 Nov 78	11400.0				0.19		30
4	SWP	3478	L	43841.0	28 Nov 78	10800.0			0.88			34
5	SWP	4278	L	43921.0	16 Feb 79	23820.0			0.64			25
6	LWR	4180	L	43966.0	2 Apr 79	12000.0				0.11		22
7	SWP	4837	L	43966.0	2 Apr 79	7800.0			0.83			23
8	LWR	4190	L	43968.0	4 Apr 79	7680.0				0.23		22
9	LWR	4200	L	43970.0	6 Apr 79	16200.0				0.15		23
10	SWP	4873	L	43970.0	6 Apr 79	7020.0			0.76			23
11	LWR	7862	L	44386.0	26 May 80	18000.0				0.22		335
12	SWP	9131	L	44386.0	26 May 80	18000.0	30	30.55	0.39			345
13	LWR	9435	L	44578.0	4 Dec 80	9120.0				0.24		332
14	SWP	10753	L	44578.0	4 Dec 80	14400.0			0.42			242
15	SWP	10907	L	44601.0	27 Dec 80	21600.0			0.78			355
16	LWR	9601	L	44603.0	29 Dec 80	23700.0				0.14		304
17	SWP	11191	L	44635.0	30 Jan 81	10200.0			0.31			232
18	SWP	17491	L	45177.0	26 Jul 82	22800.0	29	30.88	0.66			239
19	SWP	18501	L	45281.0	7 Nov 82	12600.0			0.26			43
20	SWP	19569	L	45422.0	28 Mar 83	25920.0			0.22			347
21	SWP	21143	L	45601.0	23 Sep 83	22200.0			0.63			345
22	SWP	22624	L	45790.0	30 Mar 84	21000.0			0.23			339
23	SWP	23179	L	45857.0	5 Jun 84	24900.0			0.37			353
24	LWP	3808	L	45900.0	18 Jul 84	24720.0				0.03		345
25	SWP	23791	L	45940.0	27 Aug 84	26400.0			0.23			239
26	SWP	25523	L	46151.0	26 Mar 85	24300.0			0.91			336
27	SWP	29091	L	46673.0	30 Aug 86	20400.0	10	13.21	0.66			344
28	SWP	30185	L	46824.0	28 Jan 87	18000.0			0.68			347
29	SWP	31109	L	46952.0	5 Jun 87	24600.0			0.69			353
30	SWP	31554	L	47020.0	12 Aug 87	25440.0			0.50			254
31	SWP	32644	L	47161.0	31 Dec 87	16860.0			0.40			342
32	SWP	32931	L	47208.0	16 Feb 88	19800.0			0.40			242

## X-Ray Spectra

EINSTEIN	• 2	• 641		
EXOSAT	• 823	• 1046	• 1281	• 1382
	• 1383	• 1895	• 2087	• 2088

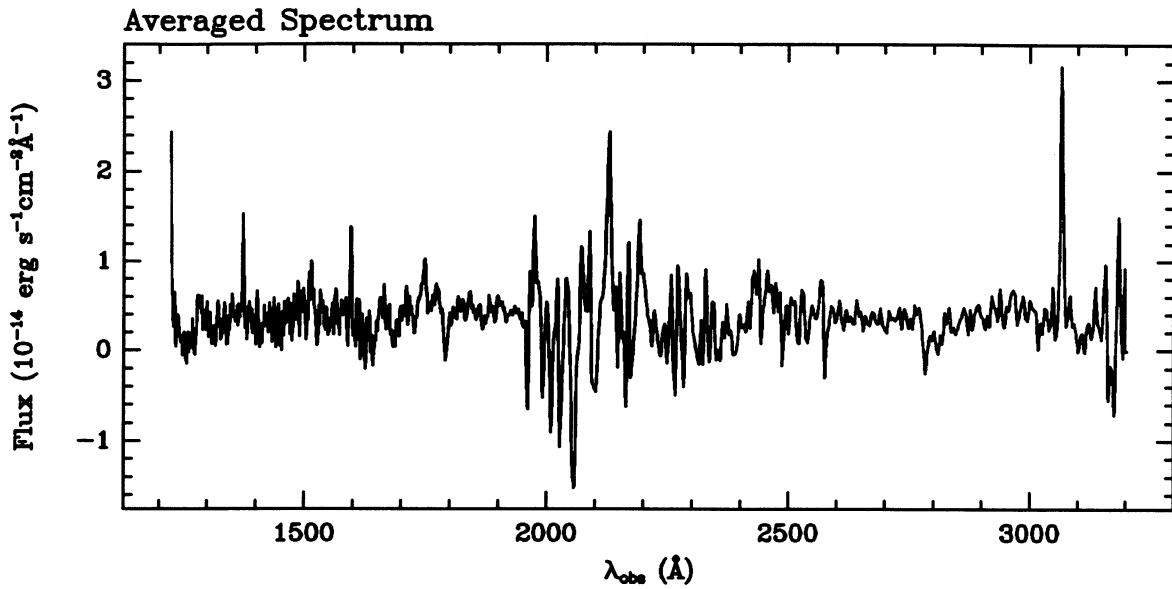
## References

• 5	• 20	• 26	• 38	• 57	• 71	• 76	• 81
• 85	• 141	• 179	• 210	• 254	• 261	• 285	• 288
• 296	• 315	• 320	• 364	• 427	• 439	• 504	• 521
• 526	• 573	• 586	• 662	• 667	• 722	• 724	• 737
• 760	• 780	• 804	• 824	• 856	• 891	• 926	• 933



**NGC 6764**

Right Ascension	: 19h 07m 00.19s
Declination	: 50° 50' 00.5"
Object Type	: Seyfert 3
ULDA Type	: 84,88
Redshift	: 0.008
Alternative Names	: UGC 11407, MCG+08-35-0003
	: EQ 1907+508, IRAS 19070+5051



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1260 Å	2217 Å	CEB	Flag
1	LWR	1802	L	43699.0	9 Jul 78	3600.0				0.37		
2	SWP	1948	L	43699.0	9 Jul 78	10800.0			0.06			
3	SWP	27618	L	46458.0	27 Jan 86	21540.0	20	25.27	0.29			313

**X-Ray Spectra**

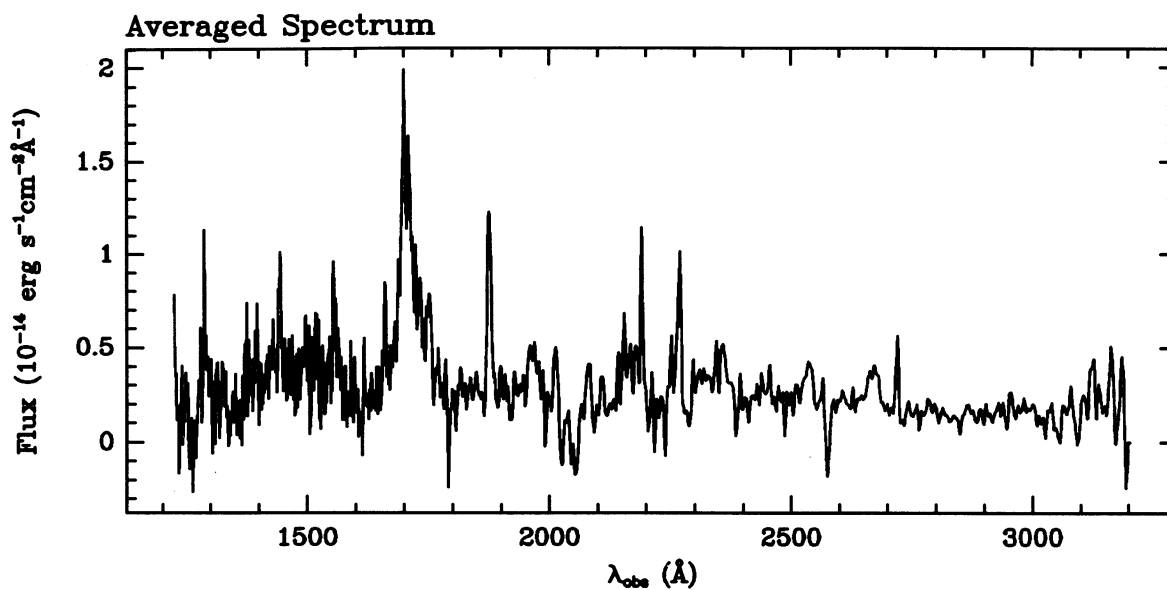
- EINSTEIN           • 496                   • 528
- EXOSAT            • 936                   • 1596                   • 1894

**References**

- 85      • 93      • 149      • 176      • 177      • 198      • 284      • 335
- 384    • 394      • 445      • 593      • 620      • 641      • 663      • 717
- 873    • 900

## QSO 1912-550

Right Ascension	:	19h 12m 35.20s
Declination	:	-55° 00' 09.0"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.398
Alternative Names	:	PKS 1912-550, PG 1912-550



### Observed Spectra

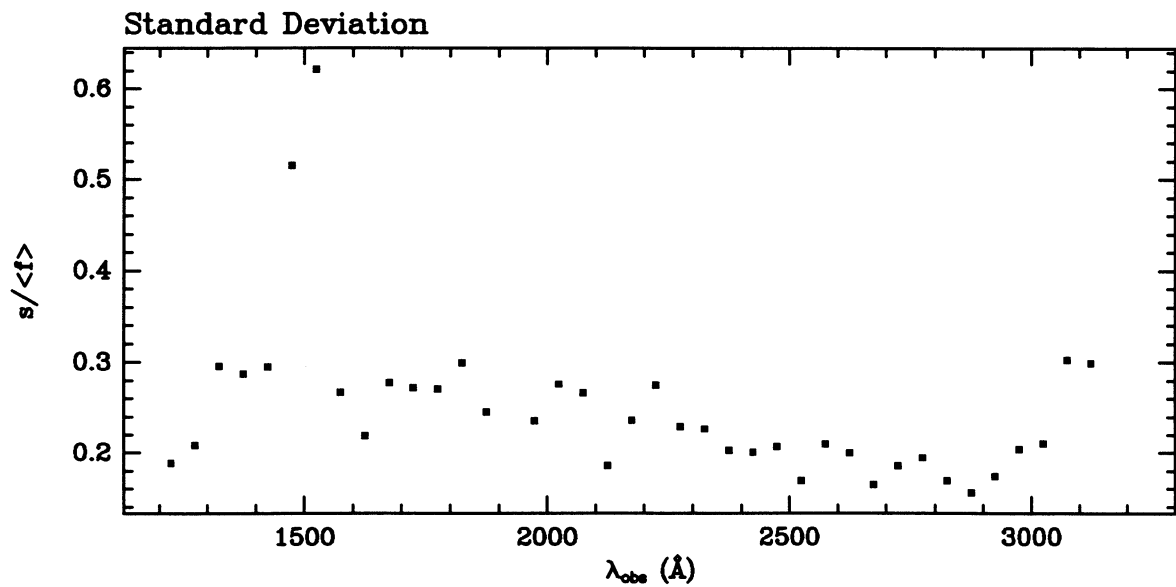
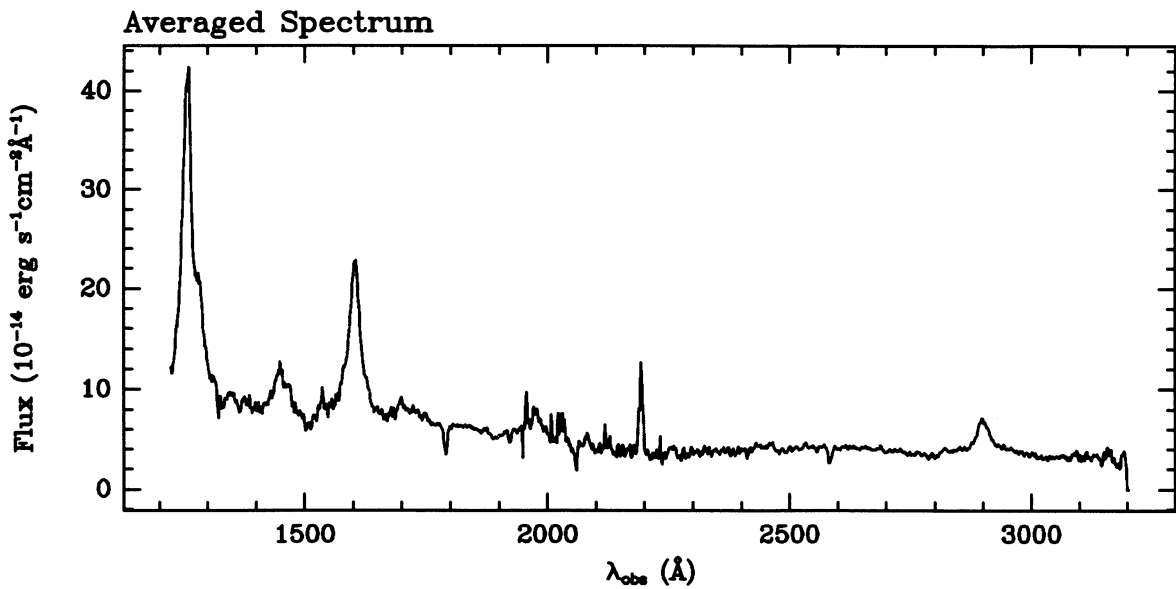
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1747 Å	3075 Å	CEB	Flag
1	SWP	10636	L	44563.0	19 Nov 80	24000.0			0.58		343	
2	LWR	9361	L	44565.0	21 Nov 80	24960.0				0.12	236	

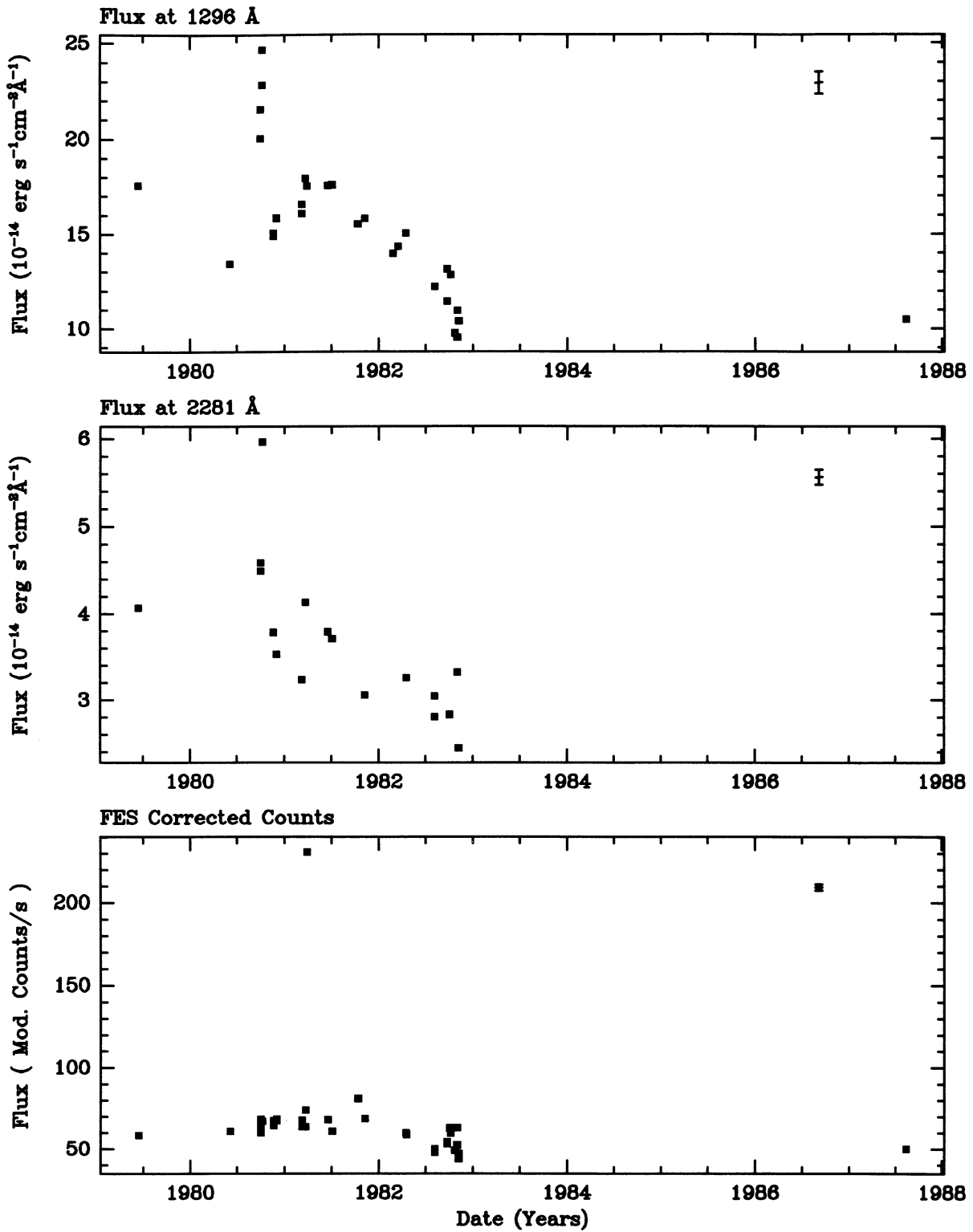
### References

- 423
- 701
- 745
- 842

**ESOB 141-G55**

Right Ascension	: 19h 16m 57.00s
Declination	: -58° 45' 54.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.037
Alternative Names	:





Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1296 Å	2281 Å	CEB	Flag	
						cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 4779 L	44039.0	14 Jun 79	3599.0				4.07	552		
2	SWP 5514 L	44039.0	14 Jun 79	3600.0					352		
3	SWP 9200 S	44396.0	5 Jun 80	3180.0					332		
4	SWP 9200 L	44396.0	5 Jun 80	3180.0	60	61.13	13.43		332		
5	LWR 8940 L	44515.0	2 Oct 80	3600.0	63	64.45		4.59	564		
6	LWR 8941 L	44515.0	2 Oct 80	2700.0	59	60.36		4.50	453		
7	SWP 10269 L	44515.0	2 Oct 80	3600.0	65	66.50	20.00		261		
8	SWP 10270 L	44515.0	2 Oct 80	4800.0	67	68.55	21.54		362		
9	LWR 8962 L	44520.0	7 Oct 80	2400.0				5.96	453		
10	SWP 10298 L	44520.0	7 Oct 80	3000.0	66	67.54	22.83		346		
11	SWP 10301 L	44520.0	7 Oct 80	3960.0			24.68		3x9		
12	LWR 9352 L	44564.0	20 Nov 80	3000.0	63	64.58		3.79	353		
13	SWP 10643 S	44564.0	20 Nov 80	3000.0					351	D	
14	SWP 10643 L	44564.0	20 Nov 80	3000.0	66	67.66	14.88		351		
15	SWP 10644 S	44564.0	20 Nov 80	2280.0					341	D	
16	SWP 10644 L	44564.0	20 Nov 80	2280.0	63	64.58	15.03		341		
17	LWR 9425 L	44577.0	3 Dec 80	3600.0	67	68.72		3.53	552		
18	SWP 10741 L	44577.0	3 Dec 80	3600.0	66	67.70	15.83		531		
19	LWR 10116 L	44674.0	10 Mar 81	8280.0	62	63.88		3.24	550		
20	SWP 13453 L	44674.0	10 Mar 81	9540.0	66	68.00	16.06		343		
21	SWP 13454 L	44674.0	10 Mar 81	5160.0	64	65.94	16.53		341		
22	LWR 10198 L	44688.0	24 Mar 81	3300.0	62	63.92		4.14	363		
23	SWP 13563 L	44688.0	24 Mar 81	2700.0	72	74.23	17.90		350		
24	SWP 13617 L	44695.0	31 Mar 81	3000.0	224	231.02	17.51		352		
25	LWR 10890 L	44774.0	18 Jun 81	4500.0				3.79	463		
26	SWP 14275 L	44774.0	18 Jun 81	3600.0	66	68.35	17.53		351		
27	LWR 11010 L	44791.0	5 Jul 81	3780.0				3.71	453		
28	SWP 14399 L	44791.0	5 Jul 81	3000.0	59	61.16	17.57		341		
29	SWP 15256 L	44891.0	13 Oct 81	480.0	78	81.34	15.52		230		
30	LWR 11952 L	44918.0	9 Nov 81	3600.0				3.06	553		
31	SWP 15468 L	44918.0	9 Nov 81	3600.0	66	68.95	15.82		351		
32	SWP 16428 L	45027.0	26 Feb 82	3000.0			13.96		341		
33	SWP 16560 L	45047.0	18 Mar 82	3180.0			14.35		351		
34	SWP 16788 L	45078.0	18 Apr 82	3900.0	57	60.22	15.04		343		
35	LWR 13043 L	45079.0	19 Apr 82	5700.0	56	59.16		3.26	5x3		
36	LWP 1631 L	45189.0	7 Aug 82	3000.0	45	47.96		2.81	453	D	
37	LWP 1632 L	45189.0	7 Aug 82	3000.0	46	49.03		3.05	451	D	
38	SWP 17622 L	45189.0	7 Aug 82	3600.0	47	50.09	12.22		231		
39	SWP 18091 L	45237.0	24 Sep 82	2100.0	50	53.51	13.14		339		
40	SWP 18095 L	45237.0	24 Sep 82	1680.0	51	54.58	11.45		332		
41	LWR 14333 L	45247.0	4 Oct 82	1320.0	59	63.19		2.84	336		
42	SWP 18241 L	45251.0	8 Oct 82	4500.0	56	60.00	12.84		355		
43	SWP 18383 L	45267.0	24 Oct 82	3600.0	46	49.36	9.76		341		
44	SWP 18455 L	45276.0	2 Nov 82	3600.0	49	52.62	9.52		340		
45	LWR 14553 L	45277.0	3 Nov 82	1800.0				3.33	344		
46	SWP 18461 L	45277.0	3 Nov 82	3300.0	59	63.36	10.95		339		
47	LWP 1708 L	45282.0	8 Nov 82	3000.0	41	44.05		2.45	452	D	
48	SWP 18507 L	45282.0	8 Nov 82	3000.0	44	47.27	10.39		341		
49	SWP 31563 L	47022.0	14 Aug 87	1800.0	35	50.33	10.51		331		

X-Ray Spectra

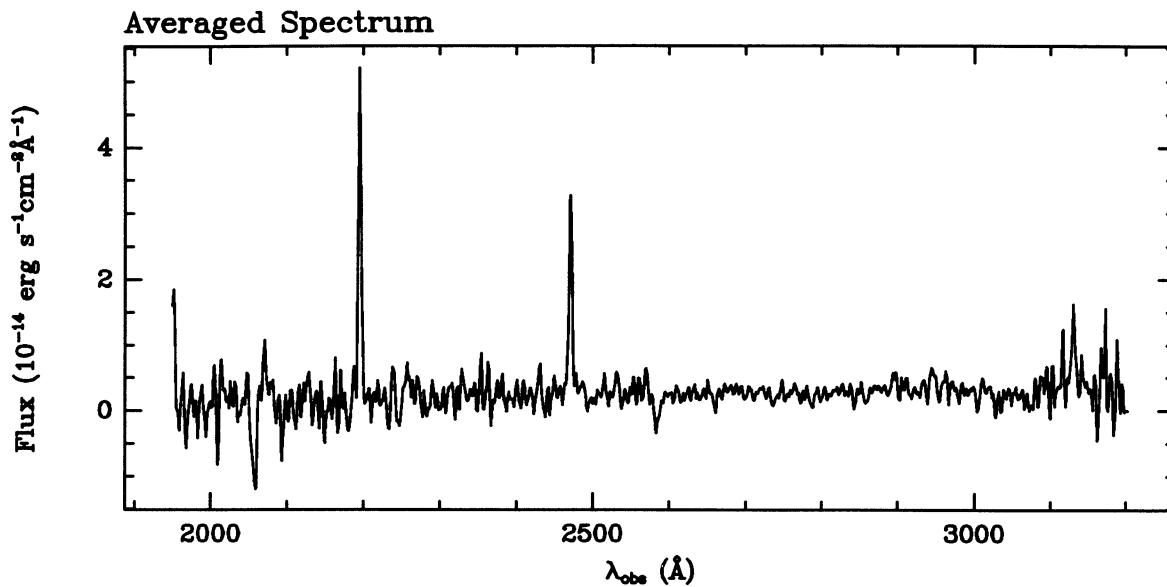
- EINSTEIN • 187 • 1118
- EXOSAT • 139 • 282 • 1049 • 1050
- 1051

References

- 26 • 57 • 100 • 121 • 179 • 261 • 296 • 320
- 359 • 394 • 434 • 607 • 662 • 804 • 845

**QSO 1921-293**

Right Ascension	:	19h 21m 42.26s
Declination	:	-29° 20' 26.0"
Object Type	:	BL Lac HP
ULDA Type	:	87
Redshift	:	0.352
Alternative Names	:	OV -236, PKS 1921-293

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1689 Å	2974 Å	CEB	Flag
1	LWR 14445 L	45262.0	19 Oct 82	9300.0				0.33		303

**X-Ray Spectra**

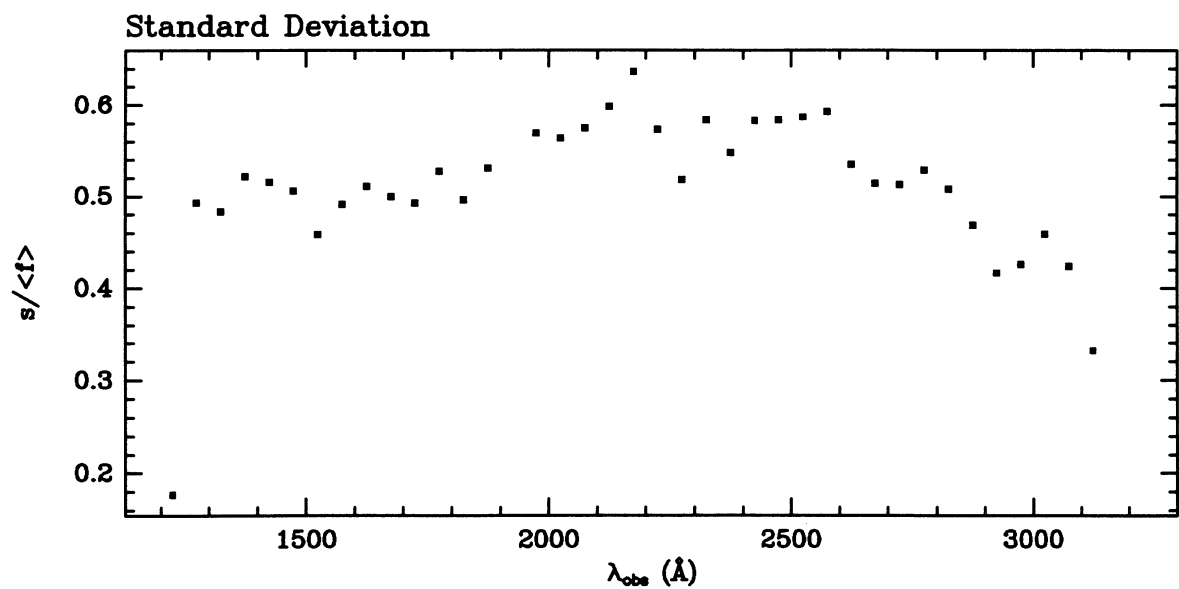
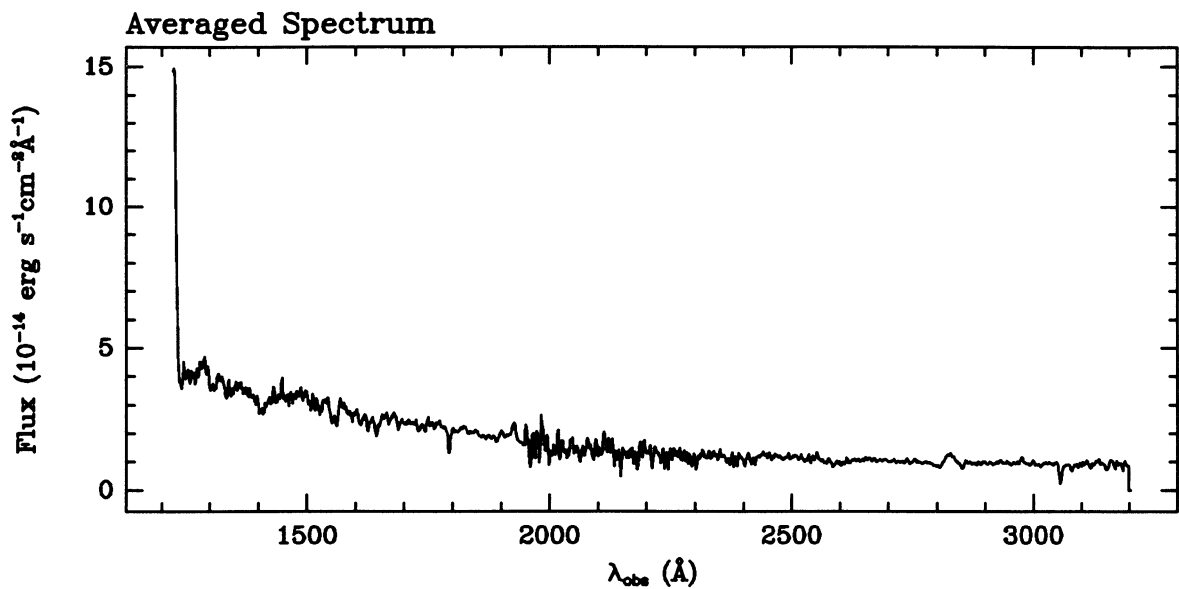
EINSTEIN	• 505	• 519	• 762	• 768
EXOSAT	• 1121	• 1122	• 1125	

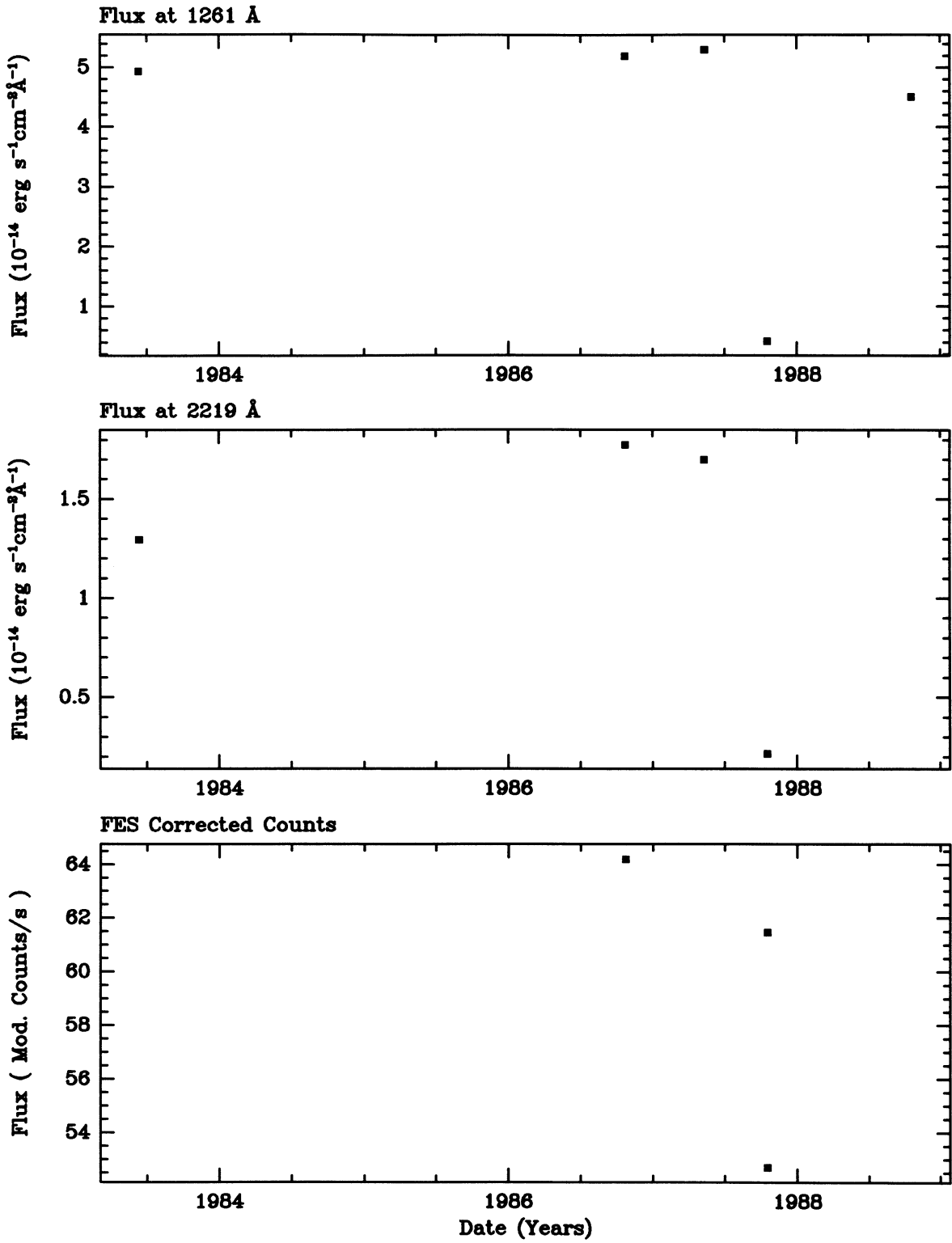
**References**

• 240    • 463    • 527    • 564    • 807    • 808

**ESOB 338-IG4**

Right Ascension	: 19h 24m 29.30s
Declination	: -41° 40' 39.0"
Object Type	:
ULDA Type	: 85,88
Redshift	: 0.009
Alternative Names	: IRAS 19245-4140, Tololo 1924-416







## 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 20200 L	45497.0	11 Jun 83	24180.0			4.94		552	
2	LWR 16158 L	45499.0	13 Jun 83	23100.0				1.30	669	
3	SWP 29517 L	46727.0	23 Oct 86	21300.0			5.20		443	
4	LWP 9401 L	46728.0	24 Oct 86	24660.0	48	64.20		1.77	607	D
5	LWP 10750 L	46928.0	12 May 87	14820.0				1.70	455	D
6	SWP 30962 L	46929.0	13 May 87	23280.0			5.31		454	
7	LWP 11894 L	47086.0	17 Oct 87	17040.0	42	61.48		0.22	304	D
8	SWP 32119 L	47087.0	18 Oct 87	24840.0	36	52.71	0.42			
9	SWP 34494 L	47454.0	19 Oct 88	22200.0			4.51		451	

## X-Ray Spectra

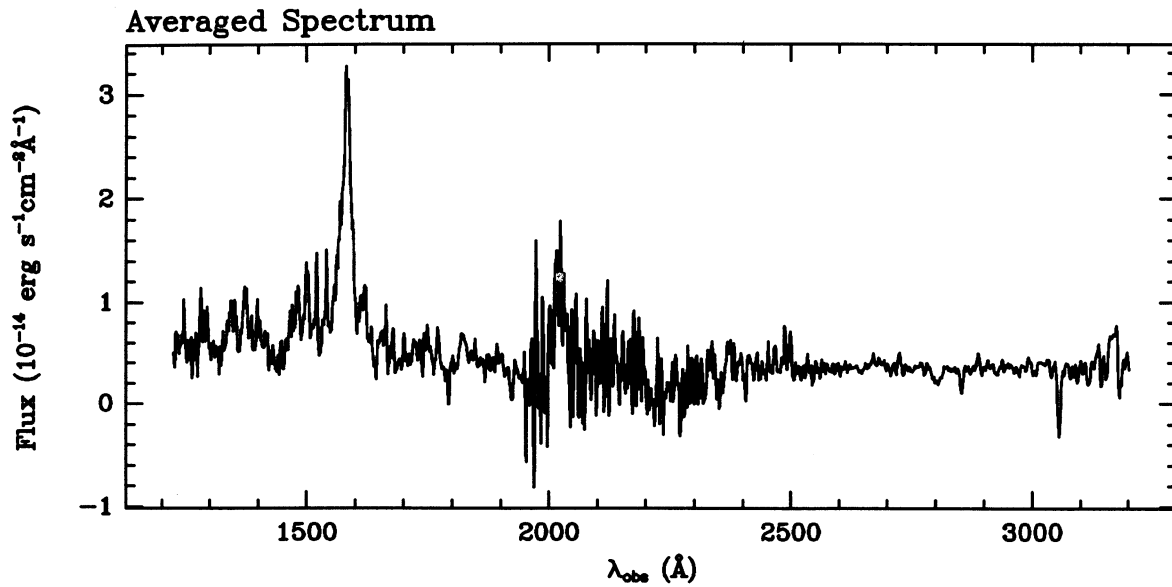
- EINSTEIN           • 185
- EXOSAT             • 1055

## References

- 31           • 368

**QSO 1928+738**

Right Ascension	: 19h 28m 49.48s
Declination	: 73° 51' 44.3"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.302
Alternative Names	: 4C 73.18, PG 1928+738

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1627 Å	2864 Å	CEB	Flag
1	LWP 6248 L	46236.0	19 Jun 85	16500.0						306
2	SWP 26242 L	46241.0	24 Jun 85	28800.0			0.79	0.32		347
3	SWP 29805 L	46769.0	4 Dec 86	22560.0			0.67			333

**X-Ray Spectra**

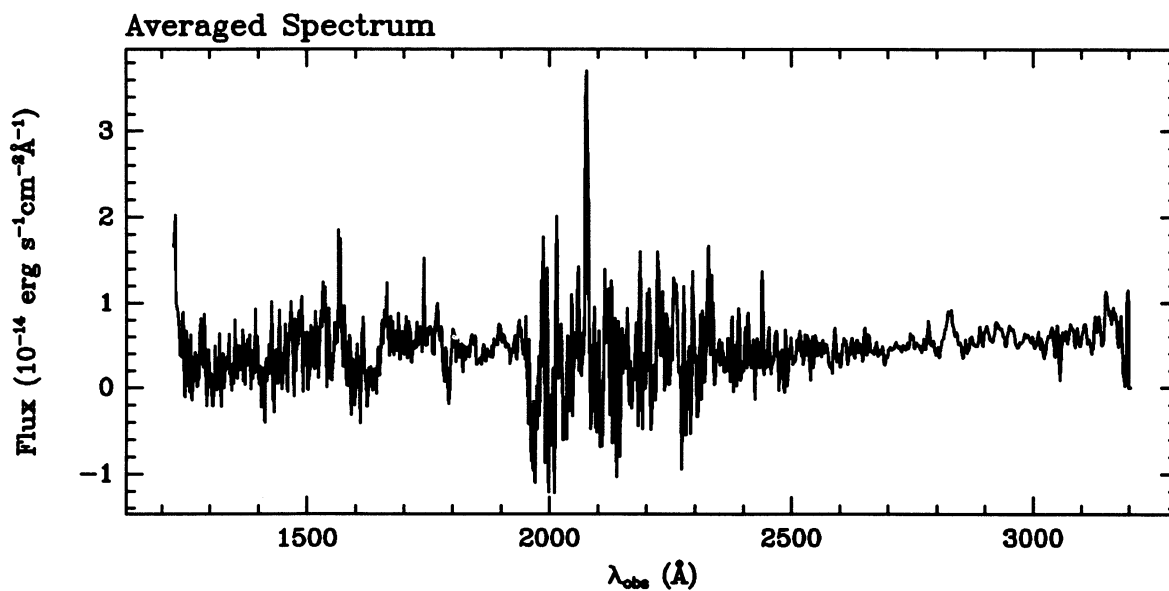
EINSTEIN	• 198	• 766		
EXOSAT	• 222	• 315	• 398	• 477

**References**

- 842

**AOO X 1935 -063**

Right Ascension	:	19h 34m 52.00s
Declination	:	- 6° 19' 52.0"
Object Type	:	
ULDA Type	:	84
Redshift	:	Unknown
Alternative Names	:	

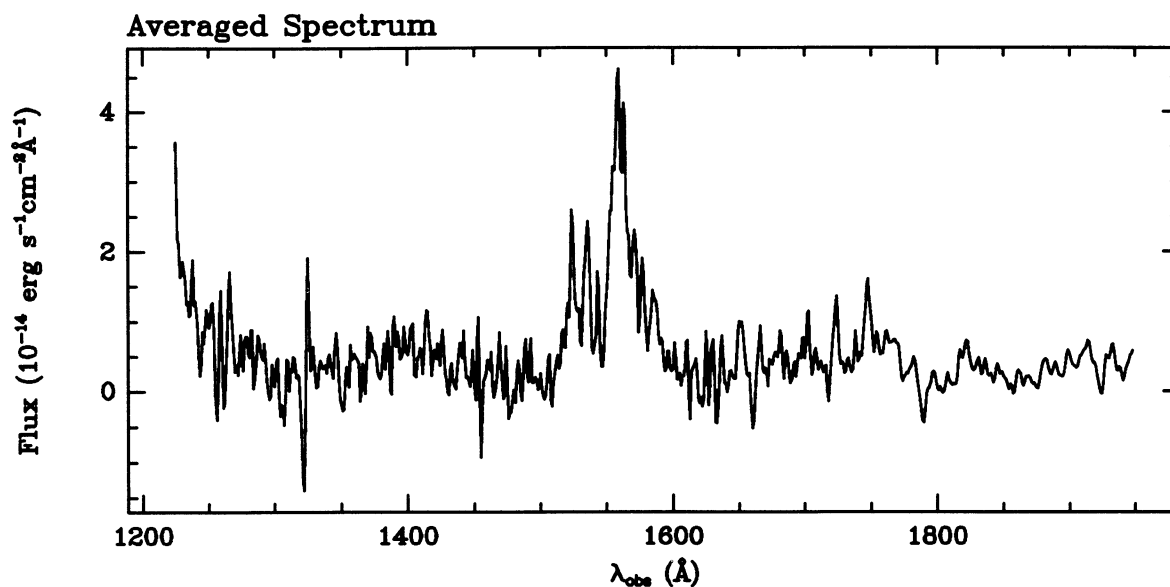


**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1250 Å	2200 Å	CEB	Flag
							10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>			
1	LWP 11674 L	47060.0	21 Sep 87	7200.0	33	47.95		0.48	334	D
2	LWP 11675 L	47060.0	21 Sep 87	7200.0	33	47.95		0.38	334	D
3	SWP 31894 L	47060.0	21 Sep 87	8400.0	343	498.40	0.53		223	

## NGC 6814

Right Ascension	: 19h 39m 48.20s
Declination	: -10° 25' 00.1"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.005
Alternative Names	: MCG-02-50-0001, IRAS 19399-1026



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	SWP 10680 L	44570.0	26 Nov 80	3600.0	63	64.60	0.92		221	
2	SWP 10693 L	44572.0	28 Nov 80	14400.0	60	61.53	0.69		335	

### X-Ray Spectra

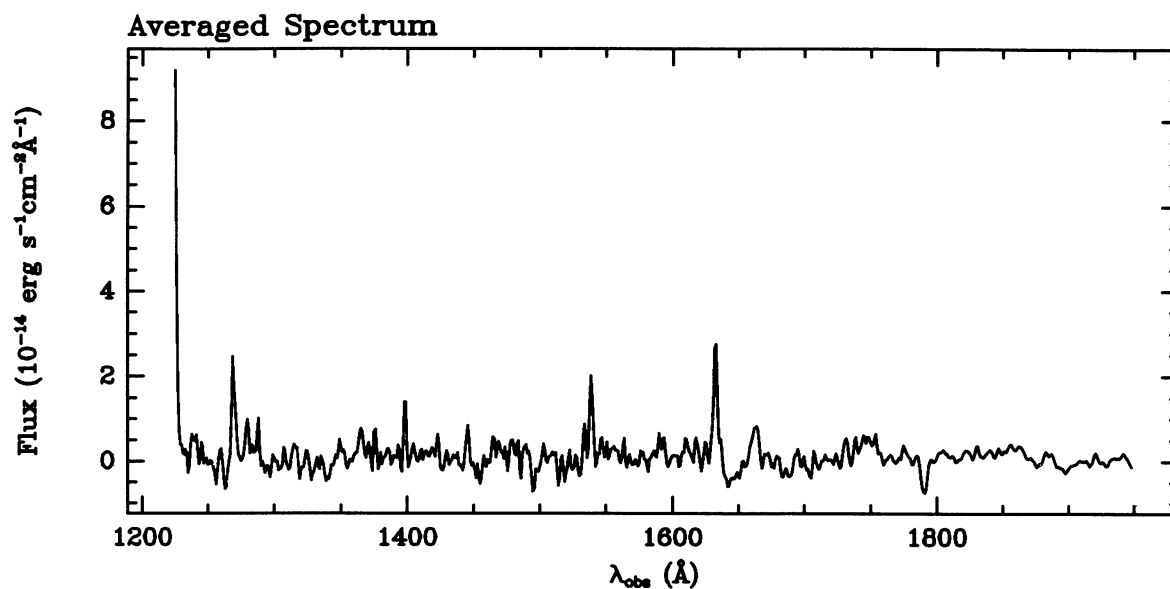
EINSTEIN	• 201	• 206	• 502	
EXOSAT	• 138	• 285	• 286	• 822
	• 1124	• 1856		

### References

• 180	• 359	• 593	• 662	• 694	• 717	• 776	• 850
• 853	• 896	• 899	• 934				

**QSO 1957+405**

Right Ascension	:	19h 57m 44.00s
Declination	:	40° 35' 45.0"
Object Type	:	Seyfert 2
ULDA Type	:	86
Redshift	:	0.056
Alternative Names	:	3C 405, 4C 40.40, H 1958+40.6, NRAO 620
	:	IRAS 19577+4035, CTB 81, 4U 1957+40, CYGNUS A

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1320 Å	2323 Å	CEB	Flag
1	SWP 4257 L	43919.0	14 Feb 79	11100.0			$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{\AA}^{-1}$		11	

**X-Ray Spectra**

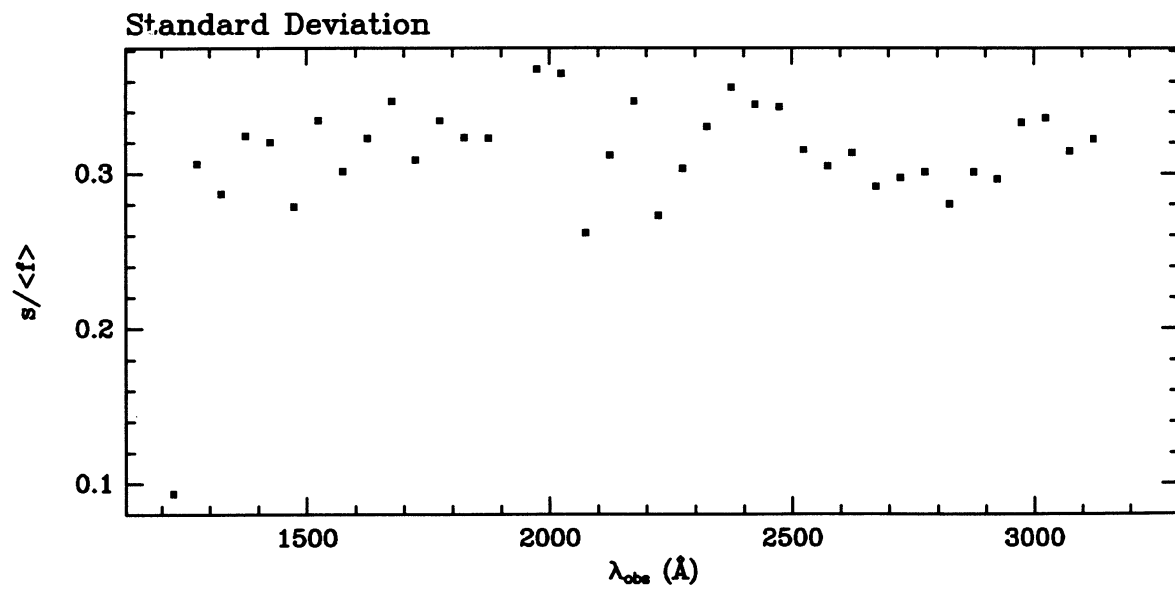
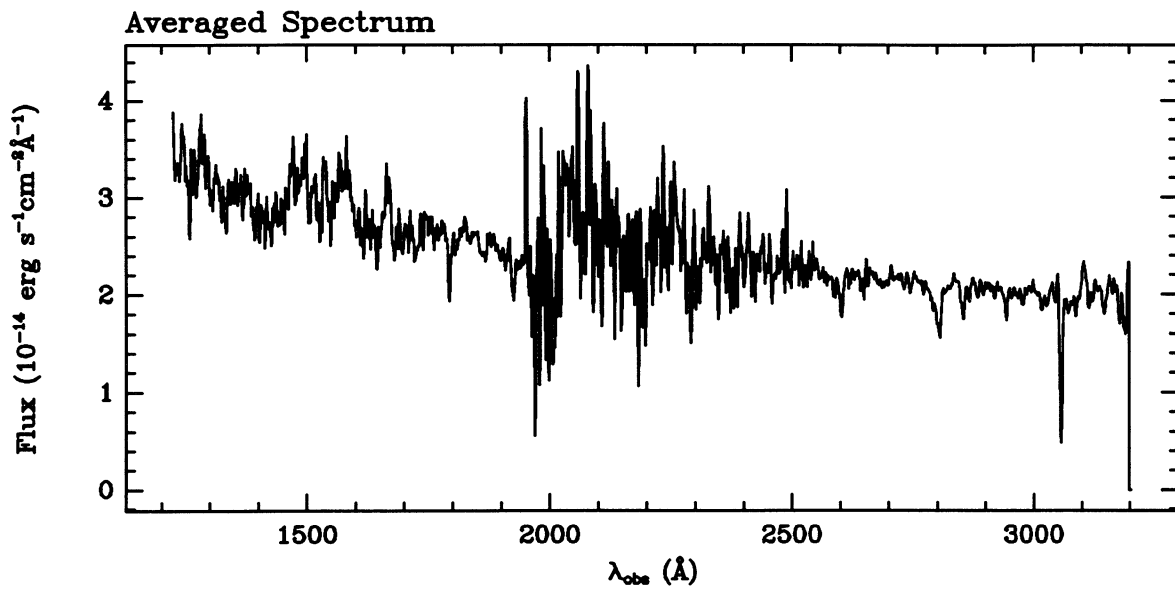
<b>EINSTEIN</b>	• 3	• 15	• 21	• 41
	• 42	• 43	• 44	• 45
	• 46	• 47	• 48	• 49
	• 50	• 51	• 52	• 53
	• 54	• 55	• 56	• 57
	• 58	• 204	• 221	• 236
	• 957			
<b>EXOSAT</b>	• 21	• 249	• 259	• 291
	• 375	• 419	• 462	• 792
	• 850	• 852	• 855	• 949
	• 1012	• 1015	• 1048	• 1082
	• 1200	• 1835	• 1837	• 1838
	• 1846	• 1848	• 1871	• 1887

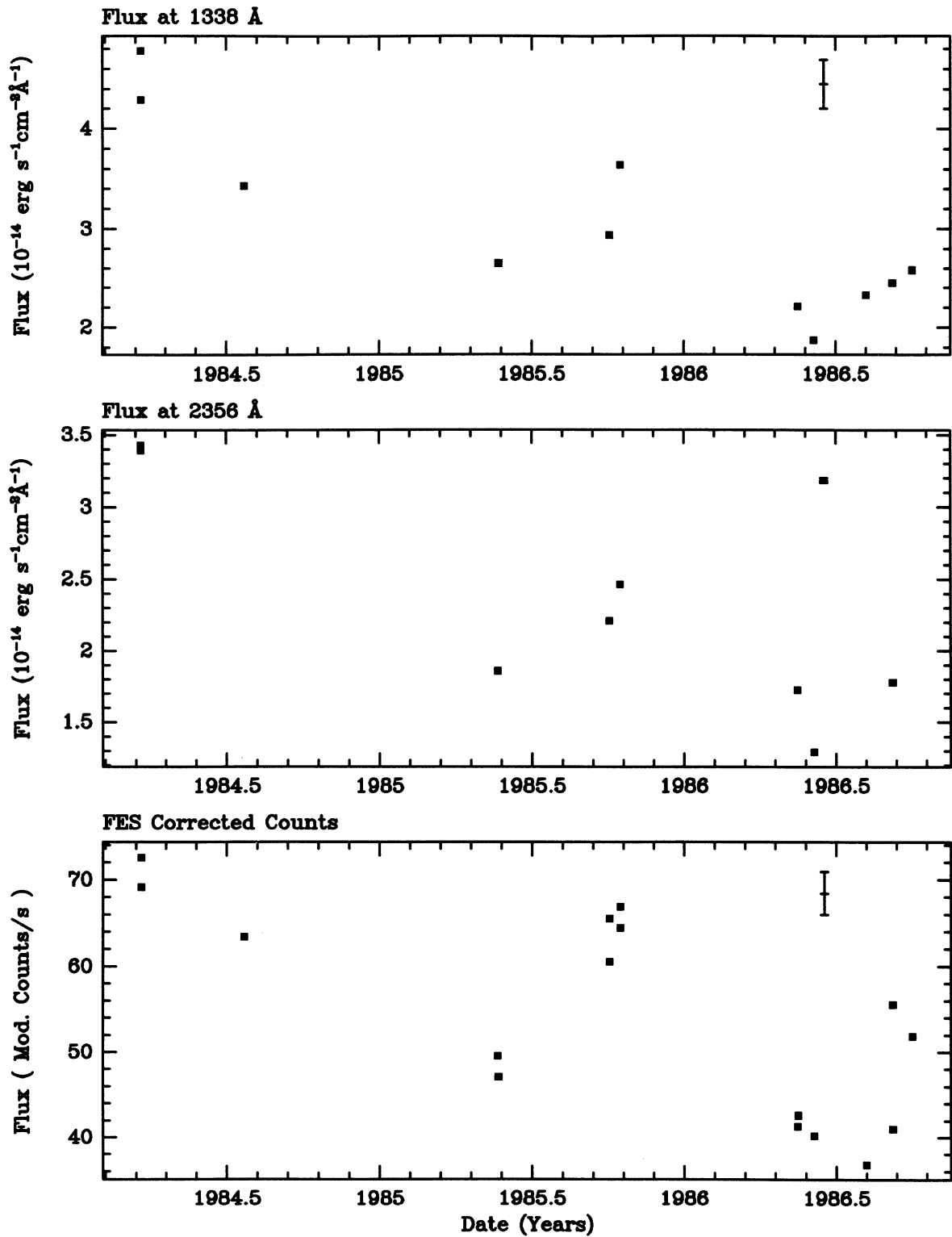
**References**

• 81	• 93	• 164	• 177	• 241	• 267	• 285	• 288
• 315	• 361	• 363	• 377	• 386	• 499	• 726	• 793
• 799	• 841						

**AOO PKS 2005-489**

Right Ascension	: 20h 05m 46.30s
Declination	: -48° 58' 46.0"
Object Type	: BL Lac
ULDA Type	: 84,87
Redshift	: 0.071
Alternative Names	:







**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1338 Å	2356 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWP 2993 L	45780.0	20 Mar 84	10800.0	61	69.18		3.43	703	D
2	LWP 2994 L	45780.0	20 Mar 84	4200.0	61	69.18		3.39	502	D
3	SWP 22525 L	45780.0	20 Mar 84	6000.0	61	69.18	4.78		302	
4	SWP 22526 L	45780.0	20 Mar 84	3000.0	64	72.58	4.29		302	
5	SWP 23482 L	45904.0	22 Jul 84	3600.0	55	63.42	3.43		300	
6	LWP 6035 L	46208.0	22 May 85	6300.0	41	49.53		1.86	401	D
7	SWP 25993 L	46209.0	23 May 85	17880.0	39	47.11	2.65		402	
8	LWP 6856 L	46342.0	3 Oct 85	5400.0	53	65.54		2.21	502	D
9	SWP 26835 L	46342.0	3 Oct 85	16800.0	49	60.59	2.94		402	
10	LWP 6925 L	46355.0	16 Oct 85	5400.0	52	64.45		2.46	502	D
11	SWP 26946 L	46355.0	16 Oct 85	14100.0	54	66.93	3.64		402	
12	LWP 8212 L	46567.0	16 May 86	6300.0	32	41.34		1.72	404	D
13	SWP 28326 L	46568.0	17 May 86	16320.0	33	42.63	2.21		402	
14	LWP 8340 L	46587.0	5 Jun 86	6000.0	31	40.21		1.29	303	D
15	SWP 28438 L	46587.0	5 Jun 86	17880.0	31	40.21	1.87		303	
16	SWP 28863 L	46650.0	7 Aug 86	10020.0	28	36.81	2.33		302	
17	LWP 9047 L	46682.0	8 Sep 86	4800.0	31	41.04		1.78	403	D
18	SWP 29169 L	46682.0	8 Sep 86	14760.0	42	55.60	2.45		303	
19	SWP 29352 L	46706.0	2 Oct 86	11160.0	39	51.90	2.58		313	

**X-Ray Spectra**

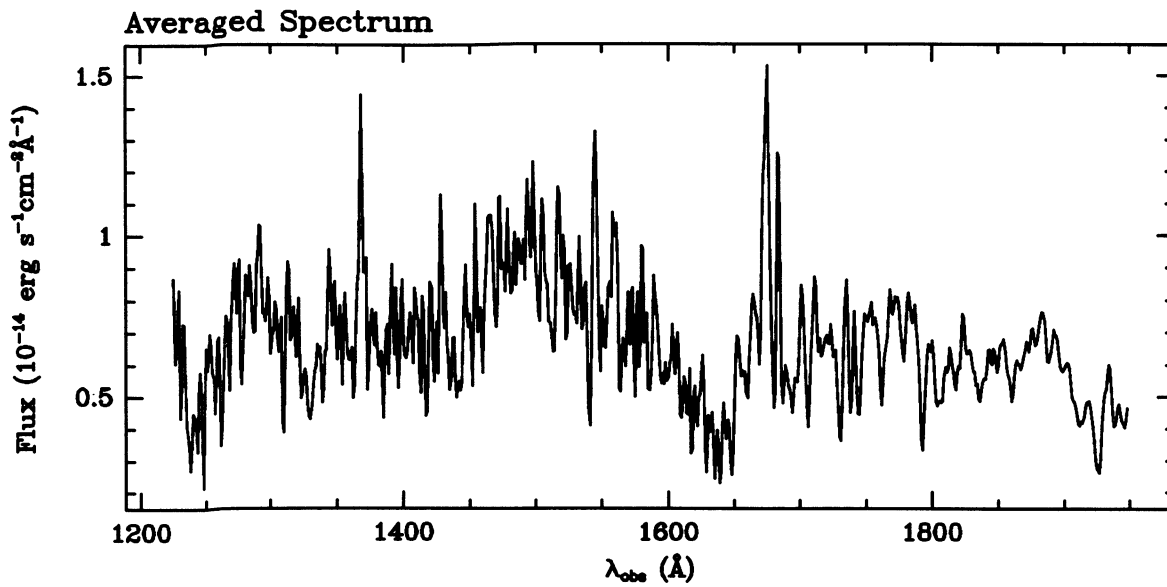
EXOSAT                    • 1031                    • 1123                    • 1598                    • 1832  
    • 1855

**References**

• 526                    • 734

**ESOB 462-IG20**

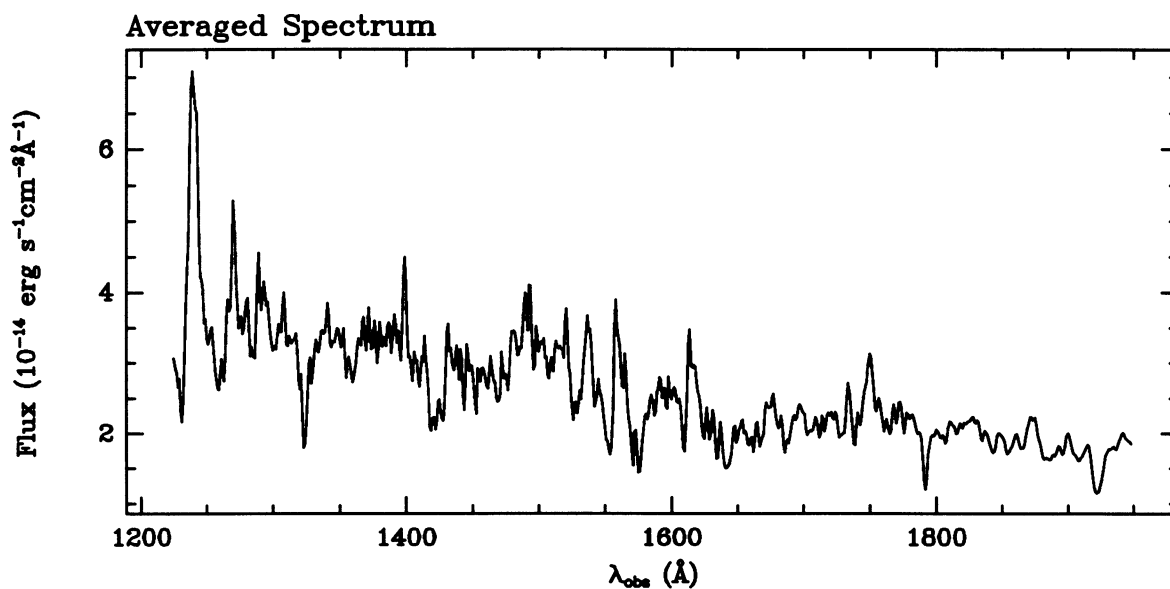
Right Ascension	:	20h 23m 53.00s
Declination	:	-29° 17' 00.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.020
Alternative Names	:	

**Observed Spectra**

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1275 $\text{\AA}$	2244 $\text{\AA}$	CEB	Flag
1	SWP	24490	L	46021.0	16 Nov 84	24180.0	36	42.22	0.72			333

**ESOB 400-G43**

Right Ascension	:	20h 34m 31.00s
Declination	:	-35° 39' 42.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.020
Alternative Names	:	EQ 2034-356, FAIRALL 1165

**Observed Spectra**

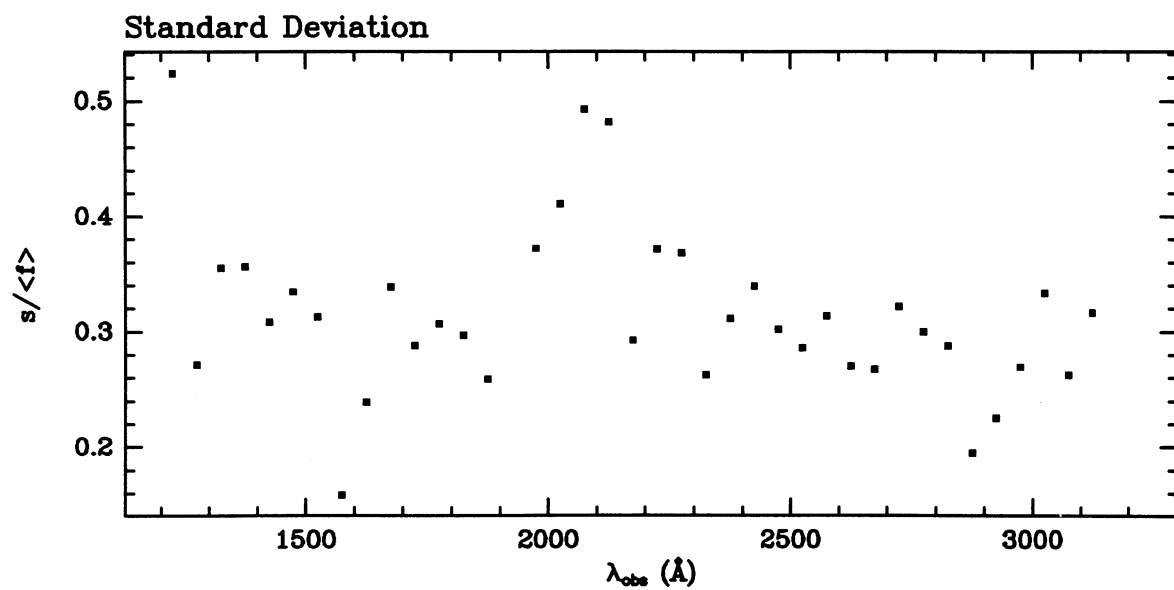
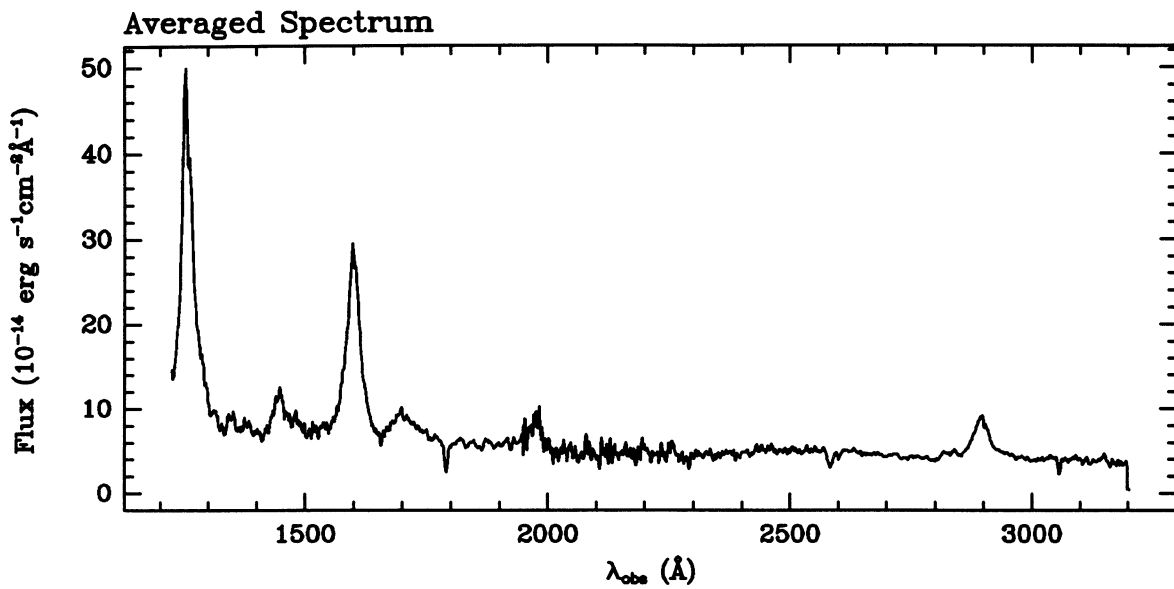
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1275 Å	2244 Å	CEB	Flag
1	SWP 19635 L	45429.0	4 Apr 83	23760.0			$10^{-14}$ erg $s^{-1}$ cm $^{-2}$ Å $^{-1}$	3.57		403

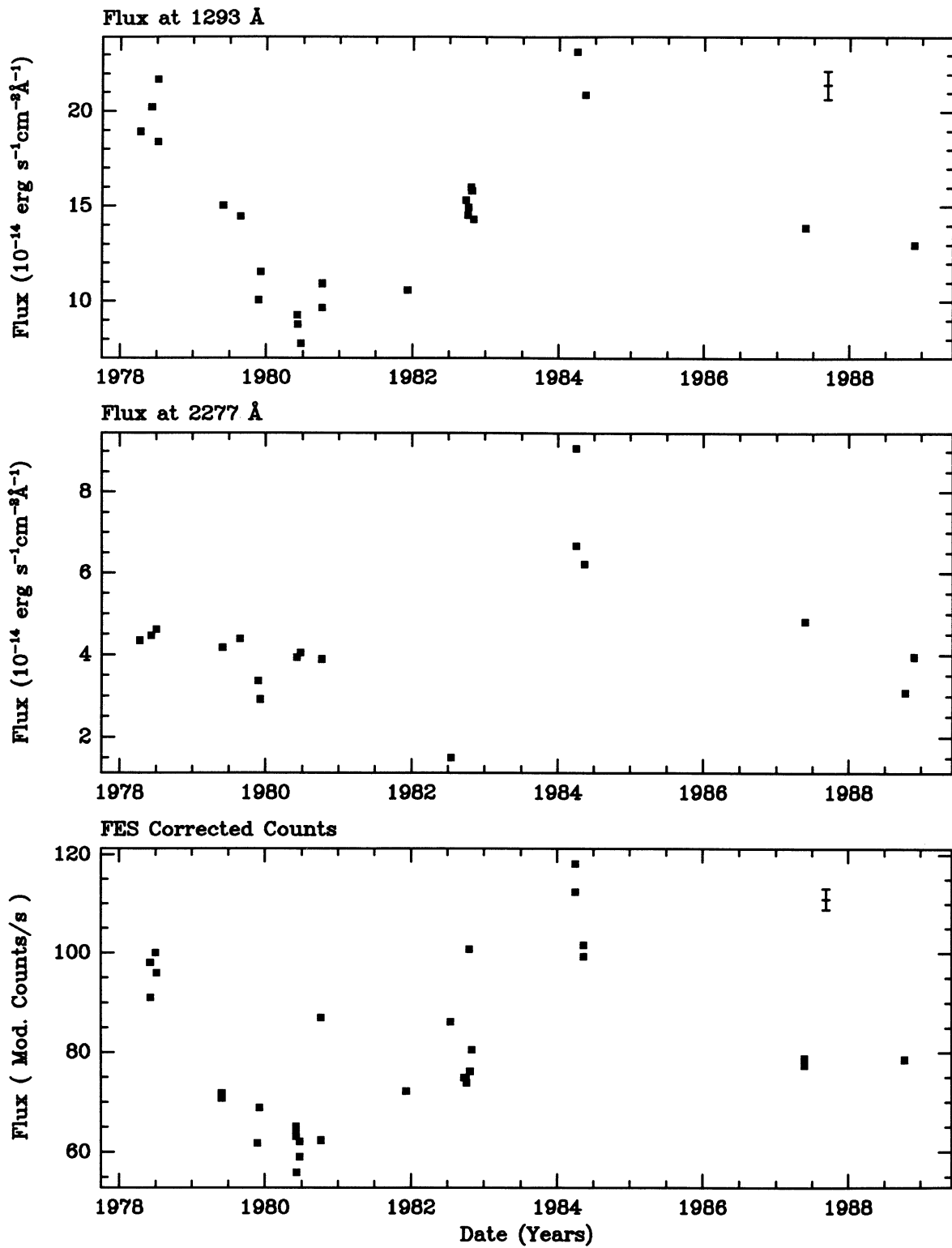
**References**

- 368

**MRK 509**

Right Ascension	: 20h 41m 26.40s
Declination	: -10° 54' 16.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.035
Alternative Names	: H 2041-10.7, IRAS 20414-1054





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1293 Å	2277 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	1309	L	43611.0	12 Apr 78	6600.0			18.94	4.35		
2	SWP	1355	L	43611.0	12 Apr 78	9900.0						
3	SWP	1742	L	43667.0	7 Jun 78	3600.0	97	98.14	20.25			
4	LWR	1636	L	43668.0	8 Jun 78	3000.0	90	91.06		4.48		
5	SWP	1743	S	43668.0	8 Jun 78	2100.0						
6	LWR	1783	L	43695.0	5 Jul 78	2220.0	99	100.13		4.62		
7	SWP	1949	L	43699.0	9 Jul 78	720.0	95	96.08	18.41			
8	SWP	1950	L	43699.0	9 Jul 78	1320.0	95	96.08	21.71			
9	LWR	4651	S	44025.0	31 May 79	2400.0						51
10	LWR	4651	L	44025.0	31 May 79	2400.0	70	70.78		4.18		51
11	SWP	5412	S	44025.0	31 May 79	2400.0						351
12	SWP	5412	L	44025.0	31 May 79	2400.0	71	71.79	15.04			351
13	LWR	5468	S	44113.0	27 Aug 79	2400.0						452
14	LWR	5468	L	44113.0	27 Aug 79	2399.0				4.40		452
15	SWP	6290	S	44113.0	27 Aug 79	2400.0						341
16	SWP	6290	L	44113.0	27 Aug 79	2399.0			14.47			341
17	LWR	6219	L	44202.0	24 Nov 79	2399.0				3.37		451
18	SWP	7213	L	44202.0	24 Nov 79	2399.0	61	61.84	10.09			340
19	LWR	6314	L	44214.0	6 Dec 79	6300.0				2.92		453
20	SWP	7330	L	44214.0	6 Dec 79	7200.0	68	68.95	11.55			353
21	LWR	7961	S	44396.0	5 Jun 80	2400.0						453
22	LWR	7961	L	44396.0	5 Jun 80	2400.0	64	65.20		3.94		453
23	SWP	9198	S	44396.0	5 Jun 80	2400.0						333
24	SWP	9198	L	44396.0	5 Jun 80	2400.0	63	64.19	9.28			333
25	SWP	9199	S	44396.0	5 Jun 80	2400.0						334
26	SWP	9199	L	44396.0	5 Jun 80	2400.0	62	63.17	9.28			334
27	SWP	9218	S	44398.0	7 Jun 80	1800.0						330
28	SWP	9218	L	44398.0	7 Jun 80	1800.0	55	56.04	8.81			330
29	LWR	8113	L	44414.0	23 Jun 80	1800.0	58	59.13		4.05		345
30	SWP	9352	L	44414.0	23 Jun 80	1800.0	61	62.18	7.78			339
31	LWR	8963	L	44520.0	7 Oct 80	3000.0				3.90		454
32	SWP	10299	L	44520.0	7 Oct 80	2400.0	61	62.42	9.68			348
33	SWP	10300	L	44520.0	7 Oct 80	2400.0	85	86.98	10.94			339
34	SWP	15688	L	44948.0	9 Dec 81	3600.0	69	72.22	10.59			341
35	LWR	13716	L	45170.0	19 Jul 82	1800.0	81	86.19		1.51		349
36	SWP	18090	L	45237.0	24 Sep 82	2400.0	70	74.91	15.32			336
37	SWP	18200	L	45247.0	4 Oct 82	2400.0	70	74.98	14.54			341
38	SWP	18238	L	45251.0	8 Oct 82	2400.0	69	73.93	14.93			342
39	SWP	18338	L	45263.0	20 Oct 82	2400.0	94	100.82	16.00			335
40	SWP	18379	L	45267.0	24 Oct 82	2400.0	71	76.18	15.81			341
41	SWP	18460	L	45277.0	3 Nov 82	2400.0	75	80.54	14.32			333
42	LWP	3076	L	45793.0	2 Apr 84	1620.0	99	112.47		6.68		4x8 D
43	SWP	22653	L	45793.0	2 Apr 84	2100.0	99	112.47	23.18			348
44	LWP	3081	L	45794.0	3 Apr 84	720.0	104	118.16		9.08		333 D
45	LWP	3364	L	45835.0	14 May 84	6300.0	89	101.66		6.22		4x3 D
46	SWP	23017	L	45835.0	14 May 84	6300.0	87	99.38	20.92			352
47	LWP	10829	L	46941.0	25 May 87	1800.0	56	78.84		4.82		352 D
48	SWP	31041	L	46941.0	25 May 87	2100.0	55	77.43	13.89			340
49	LWP	14218	L	47448.0	13 Oct 88	1500.0				3.10		452
50	LWP	14534	L	47493.0	27 Nov 88	3600.0	48	78.63		3.96		5x3
51	SWP	34826	L	47493.0	27 Nov 88	3720.0			13.01			351

## X-Ray Spectra

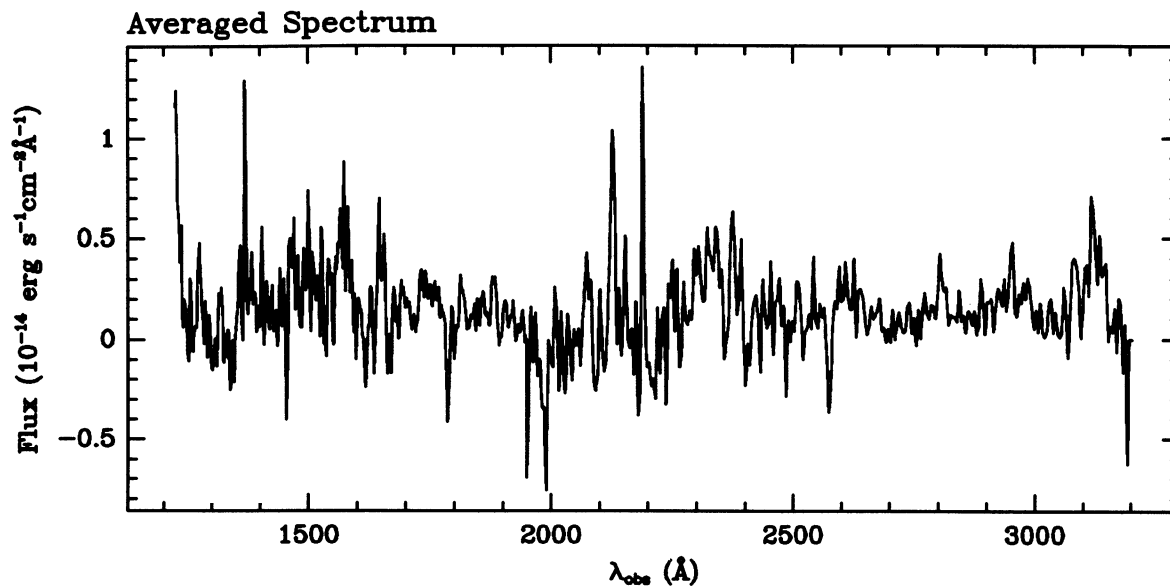
EINSTEIN           • 207                   • 210  
EXOSAT             • 223                   • 251                   • 287

**References**

- 26
- 139
- 249
- 394
- 593
- 662
- 830
- 27
- 142
- 261
- 434
- 607
- 666
- 845
- 57
- 143
- 284
- 443
- 614
- 672
- 894
- 82
- 145
- 289
- 495
- 625
- 717
- 85
- 158
- 296
- 513
- 629
- 758
- 111
- 179
- 310
- 521
- 641
- 804
- 117
- 212
- 320
- 523
- 643
- 816
- 135
- 235
- 359
- 555
- 654
- 826

## IC 5063

Right Ascension	:	20h 48m 12.10s
Declination	:	-57° 15' 25.0"
Object Type	:	Seyfert 1
ULDA Type	:	88
Redshift	:	0.011
Alternative Names	:	ESO 187- 23, PKS 2048-572



## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1263 Å	2224 Å	CEB	Flag
1	LWR 8151 L	44420.0	29 Jun 80	10800.0	68	69.34				232
2	SWP 9402 L	44421.0	30 Jun 80	12900.0	68	69.34	0.13			112

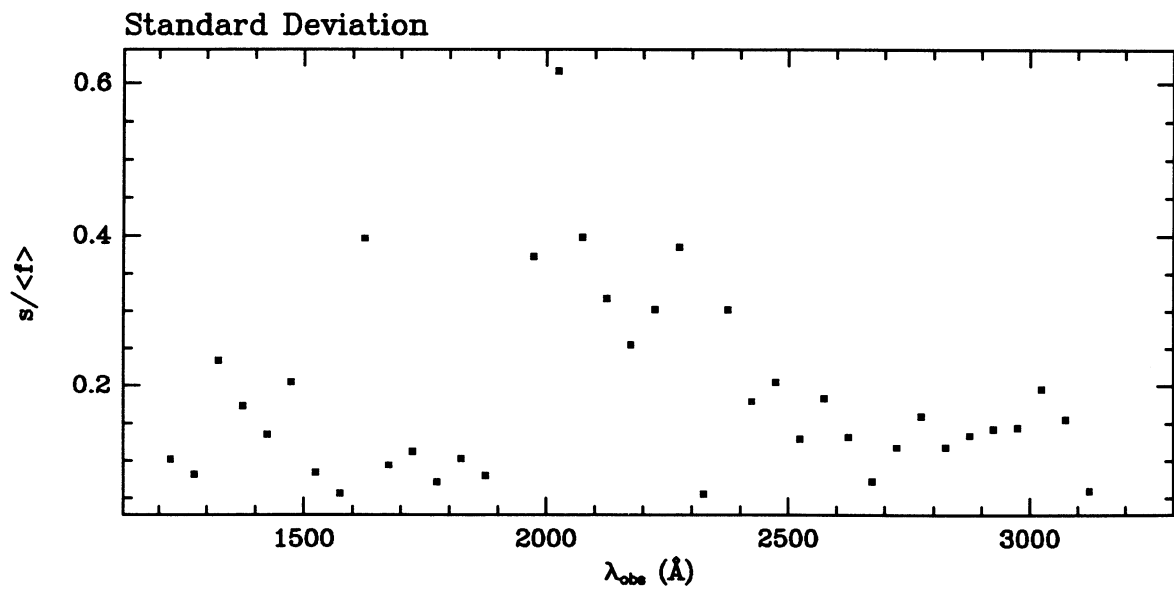
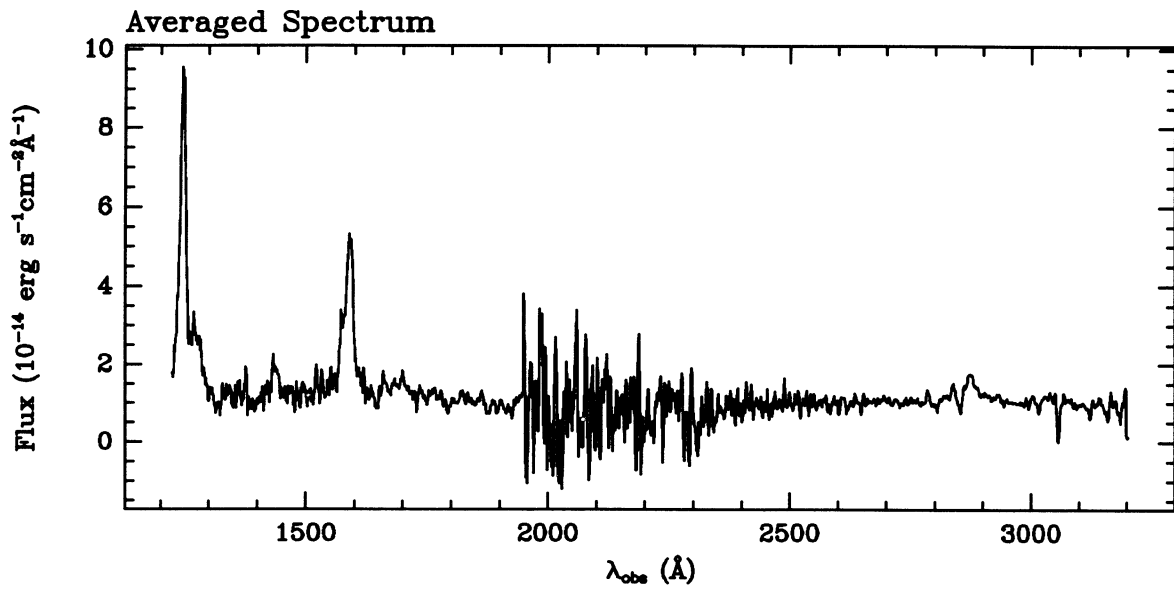
## References

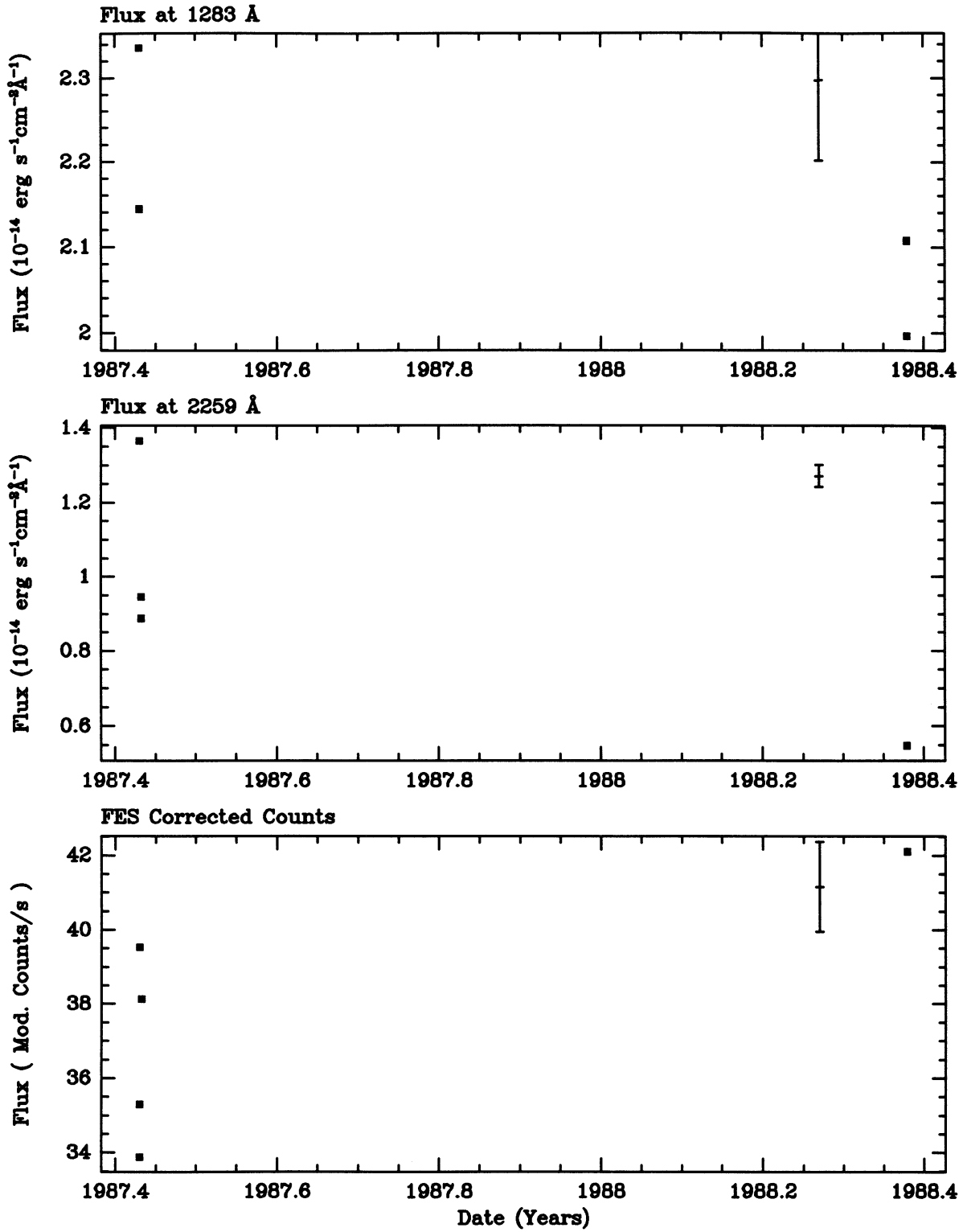
• 75      • 181      • 359      • 445      • 475      • 490      • 773      • 805



**AOO H 2106 -09**

Right Ascension	: 21h 06m 28.20s
Declination	: - 9° 52' 29.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.027
Alternative Names	: H 2106-09.9



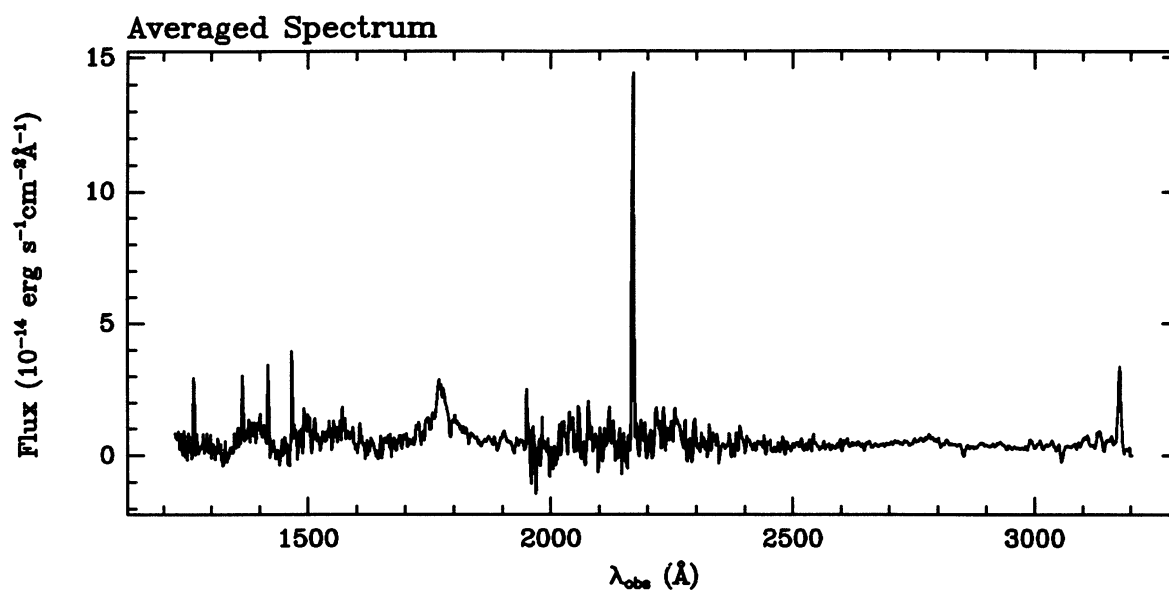


**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1283 Å	2259 Å	CEB	Flag
											$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	
1	LWP	10927	L	46953.0	6 Jun 87	1800.0	25	35.30		1.37	332	D
2	SWP	31110	L	46953.0	6 Jun 87	2700.0	28	39.54	2.34		221	
3	SWP	31111	L	46953.0	6 Jun 87	18600.0	24	33.89	2.14		345	
4	LWP	10937	L	46954.0	7 Jun 87	14400.0	27	38.14		0.95	346	D
5	LWP	10938	L	46954.0	7 Jun 87	9000.0	27	38.14		0.89	445	D
6	LWP	13261	L	47300.0	18 May 88	7200.0				0.55	335	
7	SWP	33560	L	47300.0	18 May 88	14400.0	27	42.11	2.00		334	
8	SWP	33561	L	47300.0	18 May 88	2760.0			2.11		222	

**PG 2112+059**

Right Ascension	:	21h 12m 23.60s
Declination	:	5° 55' 12.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.457
Alternative Names	:	QSO 2112+059

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1821 Å	3000 Å	CEB	Flag
1	SWP 28447 L	46589.0	7 Jun 86	9600.0			0.97		233	
2	LWP 10820 L	46940.0	24 May 87	10500.0				0.38	305	D

**X-Ray Spectra**

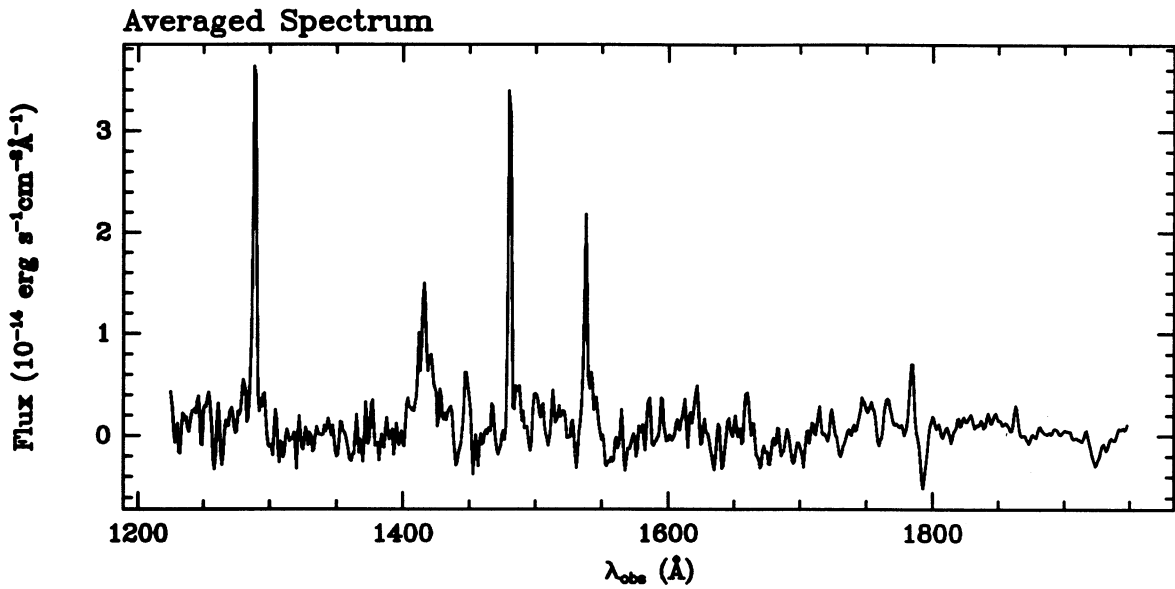
EINSTEIN • 801

**References**

• 621 • 745 • 801 • 815 • 832

**AOO 1E 2125 -15**

Right Ascension	: 21h 24m 49.90s
Declination	: -14° 59' 39.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.057
Alternative Names	: 1E 2124.8-1459



**Observed Spectra**

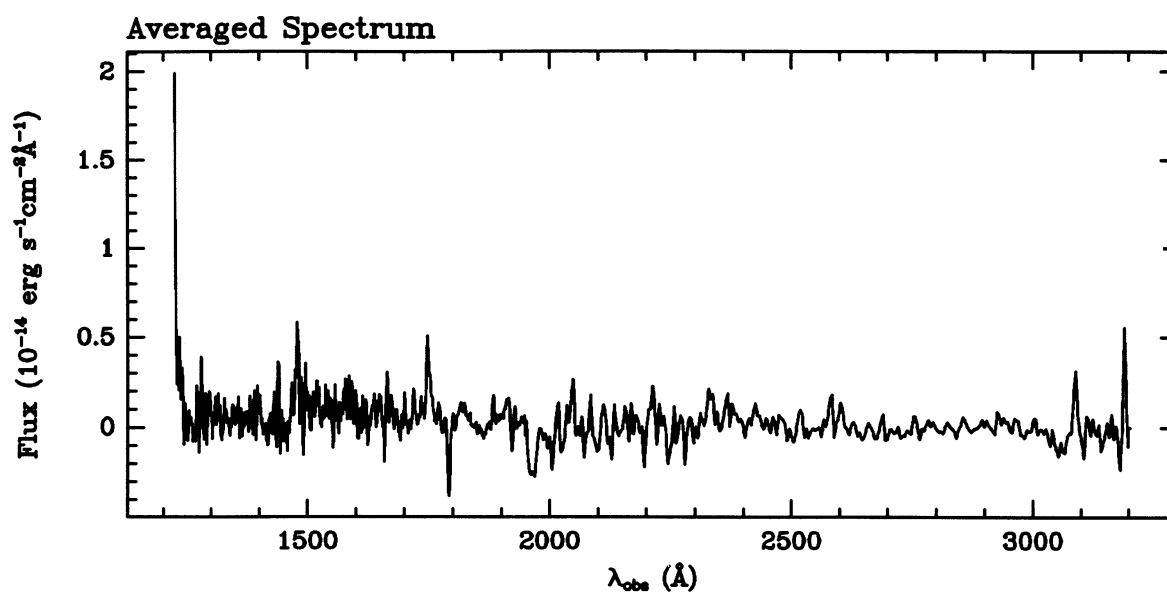
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1321 Å	2325 Å	CEB	Flag
1	SWP 27192 L	46400.0	30 Nov 85	21480.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			112

**X-Ray Spectra**

EINSTEIN	• 239	• 240	• 550	• 806
EXOSAT	• 769	• 787		

**QSO 2126-158**

Right Ascension	:	21h 26m 26.69s
Declination	:	-15° 51' 51.5"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.275
Alternative Names	:	PKS 2126-158

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	SWP 2882 L	43789.0	7 Oct 78	47880.0			0.18			
2	LWR 2566 L	43791.0	9 Oct 78	51120.0						D
3	SWP 29731 L	46757.0	22 Nov 86	69000.0			0.18		229	

**X-Ray Spectra**

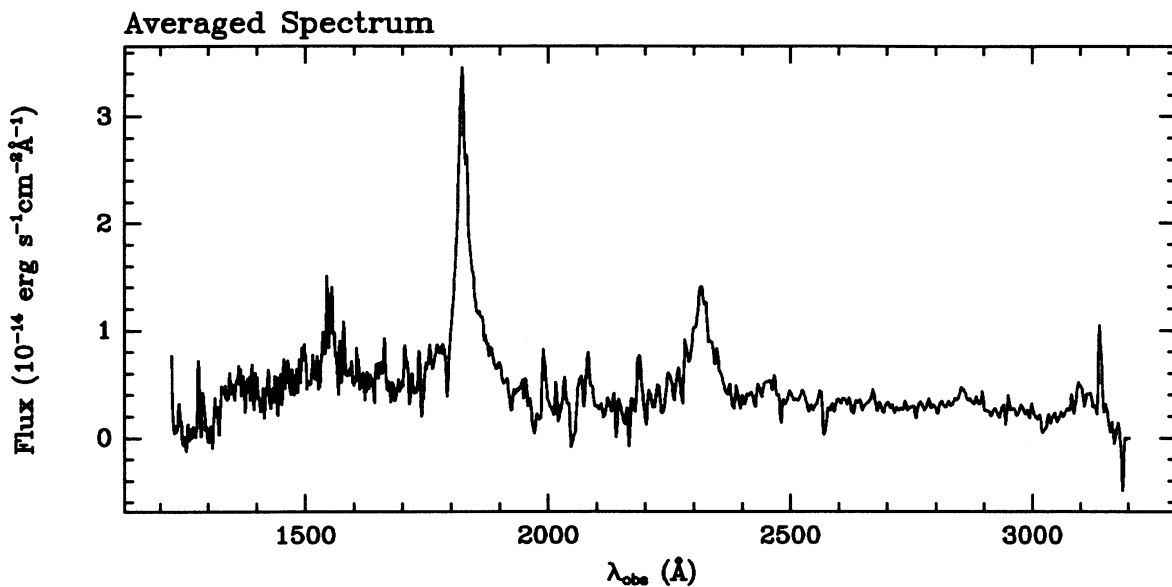
EINSTEIN           • 545                   • 547                   • 549  
EXOSAT             • 772

**References**

• 253   • 265   • 277   • 283   • 302   • 388   • 390   • 537  
• 587   • 601   • 613   • 687   • 701   • 711   • 719   • 729  
• 730   • 776   • 804   • 858

**QSO 2128-123**

Right Ascension	:	21h 28m 52.70s
Declination	:	-12° 20' 19.9"
Object Type	:	Quasar S1
ULDA Type	:	85
Redshift	:	0.501
Alternative Names	:	PHL 1598, PKS 2128-123

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1876 Å	3000 Å	CEB	Flag
1	SWP 10683 L	44570.0	26 Nov 80	24480.0			0.70		253	
2	LWR 9398 L	44571.0	27 Nov 80	24360.0				0.21	408	
3	SWP 21704 L	45675.0	6 Dec 83	23520.0			1.00		353	
4	SWP 24611 L	46039.0	4 Dec 84	24240.0			1.00		363	

**X-Ray Spectra**

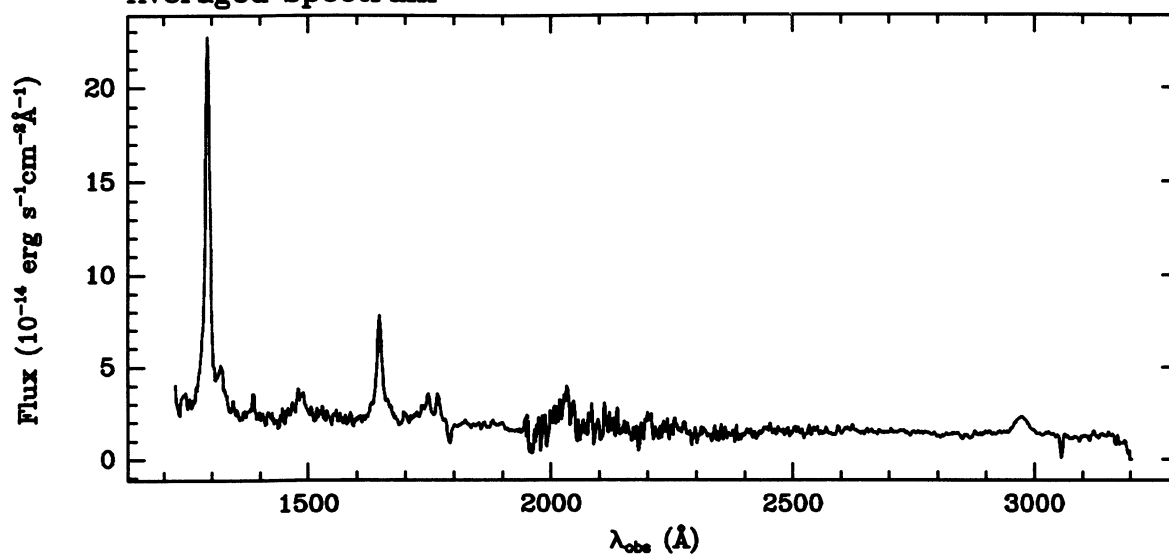
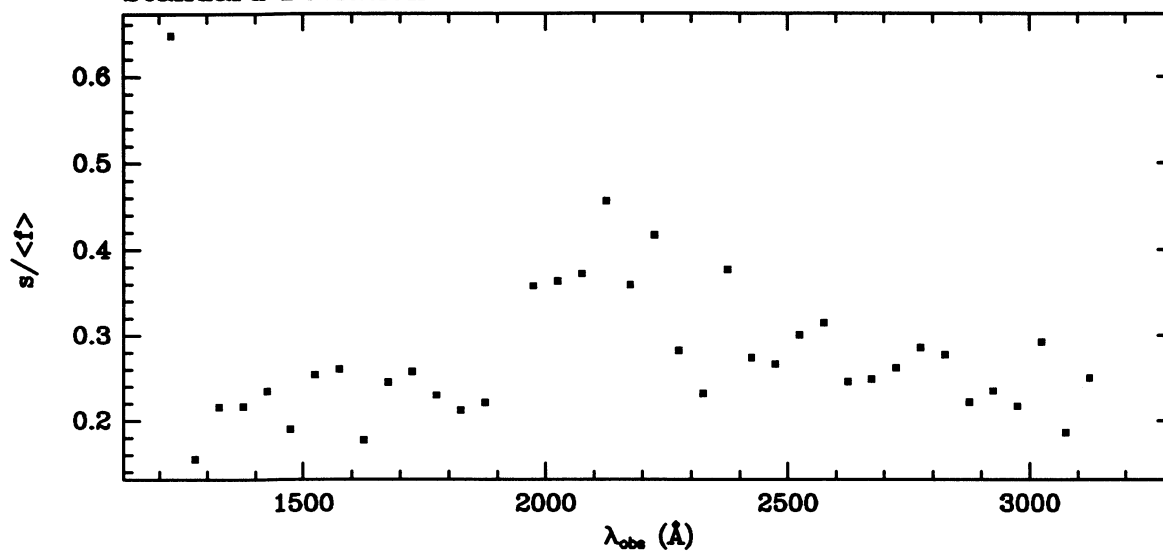
EINSTEIN • 805

**References**

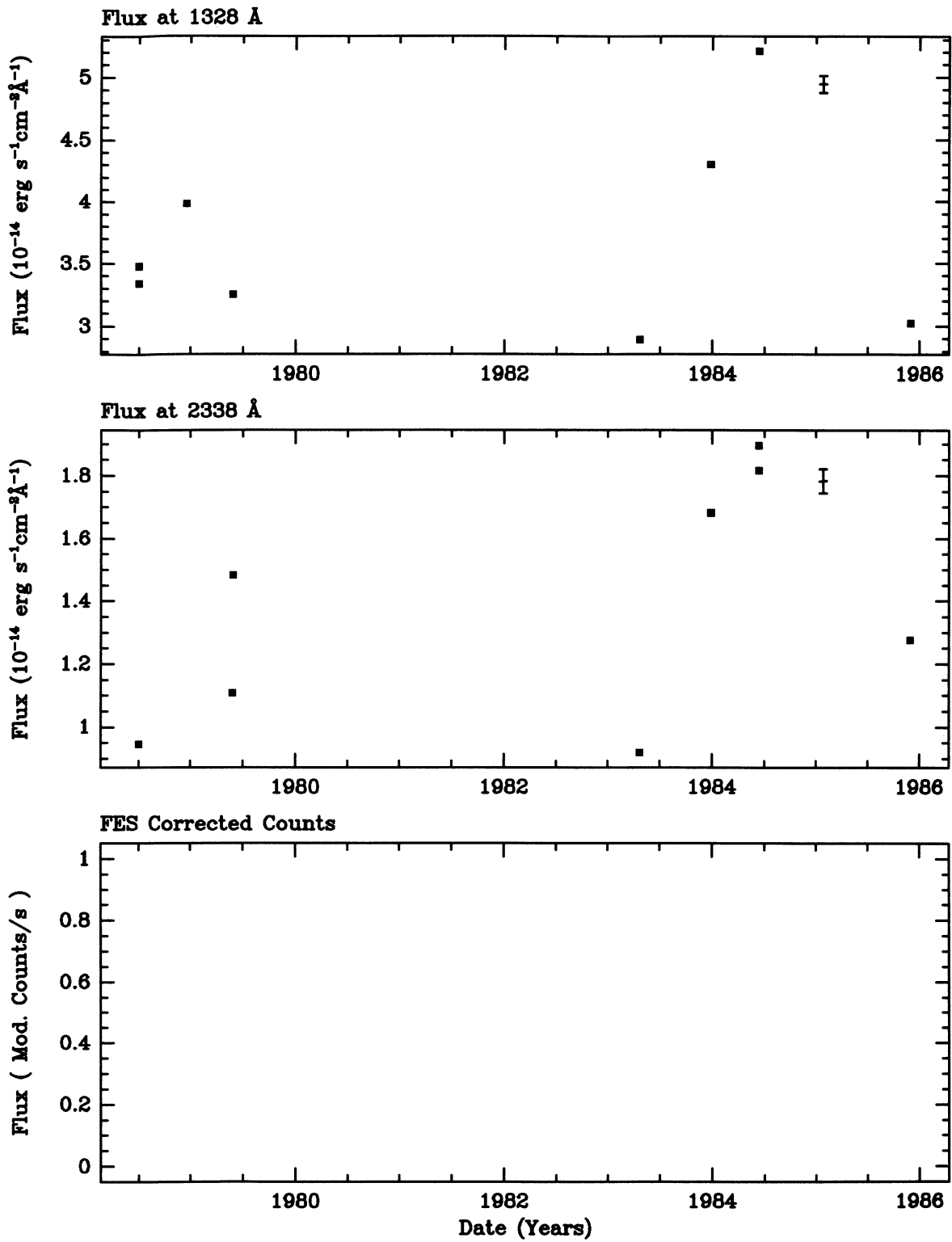
• 85    • 265    • 295    • 302    • 423    • 484    • 491    • 504  
 • 590    • 598    • 677    • 701    • 729    • 730    • 741    • 743  
 • 745    • 747    • 776    • 842    • 845    • 858    • 879    • 930

**QSO 2130+099**

Right Ascension	: 21h 30m 00.21s
Declination	: 9° 56' 00.1"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.063
Alternative Names	: UGC 11763, ZW II 136
	: PG 2130+099, IRAS 2130+099

**Averaged Spectrum****Standard Deviation**





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1328 Å	2338 Å	CEB	Flag
							<i>cts/s</i>		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	1774	L	43693.0	3 Jul 78	7200.0				0.95		
2	SWP	1909	L	43693.0	3 Jul 78	9000.0			3.34			
3	SWP	1910	L	43693.0	3 Jul 78	2400.0			3.48			D
4	SWP	3637	L	43861.0	18 Dec 78	7200.0			3.98		35	
5	LWR	4610	L	44021.0	27 May 79	10800.0				1.11	55	
6	LWR	4628	L	44023.0	29 May 79	10800.0				1.48	45	
7	SWP	5389	L	44023.0	29 May 79	6000.0			3.25		35	
8	LWR	15802	L	45448.0	23 Apr 83	10800.0				0.92	443	
9	SWP	19799	L	45448.0	23 Apr 83	9000.0			2.89		343	
10	LWP	2520	L	45697.0	28 Dec 83	12000.0				1.68	x09	D
11	SWP	21902	L	45697.0	28 Dec 83	9000.0			4.30		3x3	
12	LWP	3568	L	45865.0	13 Jun 84	12600.0				1.90	x35	D
13	LWP	3569	L	45865.0	13 Jun 84	2700.0				1.82	309	D
14	SWP	23257	L	45865.0	13 Jun 84	9000.0			5.21		3x6	
15	LWP	7205	L	46400.0	30 Nov 85	6000.0				1.28	343	D
16	SWP	27211	L	46402.0	2 Dec 85	6300.0			3.03		354	

## X-Ray Spectra

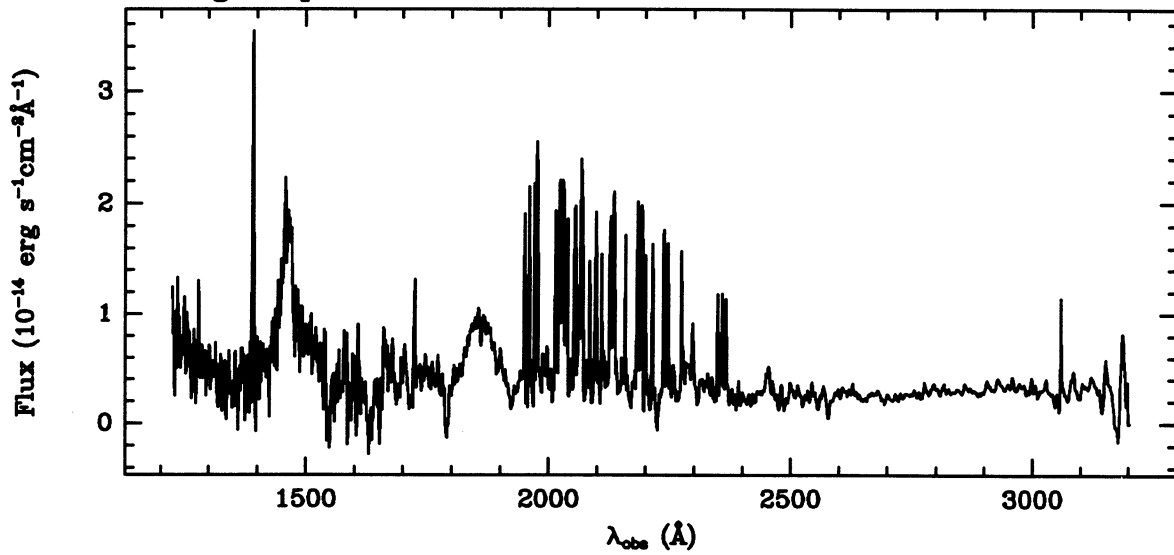
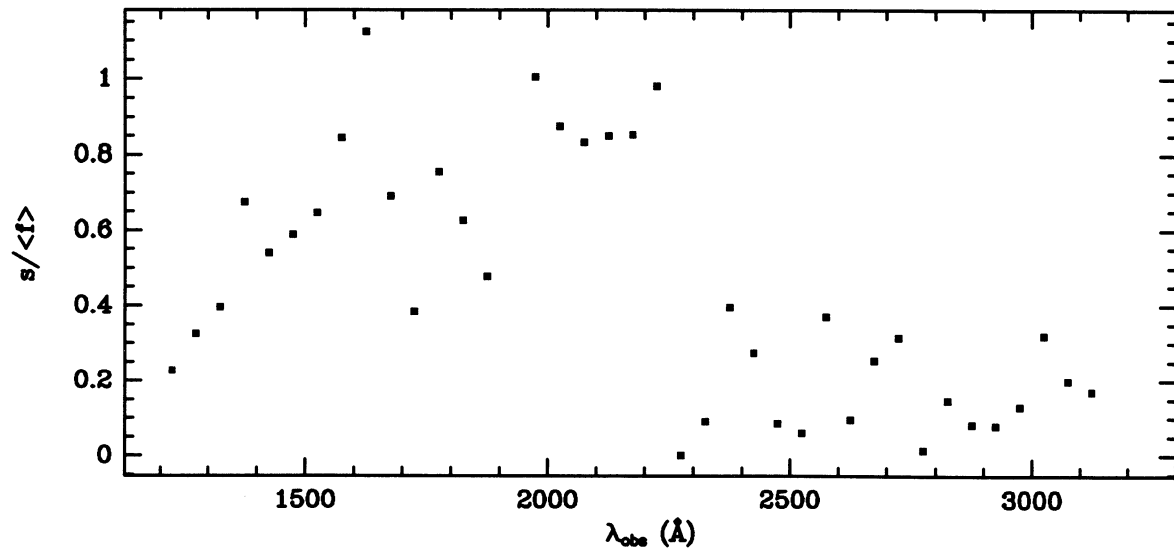
EINSTEIN           • 559                   • 795                   • 1287                   • 1288  
EXOSAT             • 1212                   • 1879                   • 1905

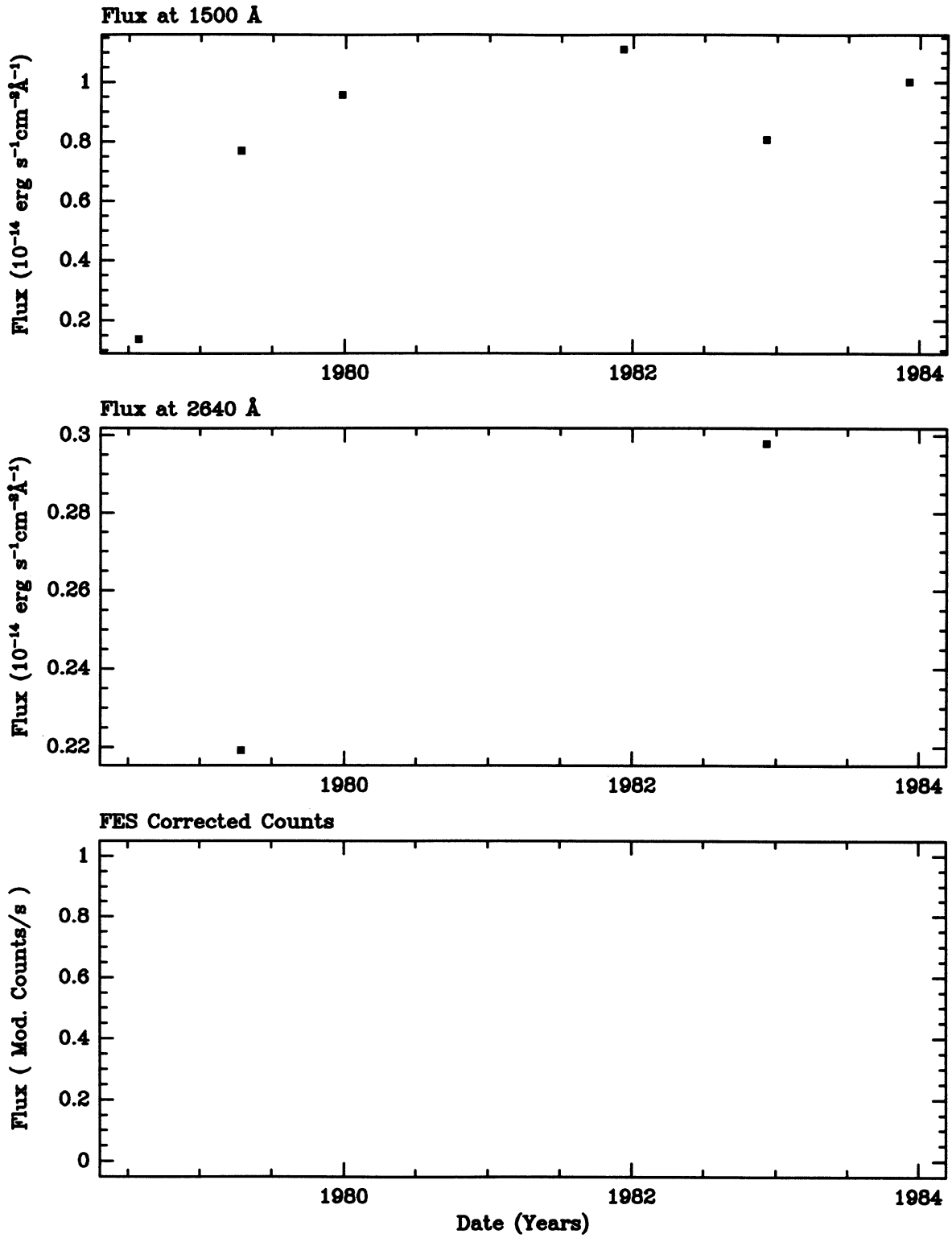
## References

• 8           • 29           • 37           • 57           • 65           • 85           • 99           • 158  
• 179       • 261       • 284       • 320       • 349       • 394       • 400       • 402  
• 488       • 521       • 590       • 593       • 662       • 717       • 729       • 776  
• 804       • 816       • 823       • 826       • 830       • 832       • 867

**QSO 2135-147**

Right Ascension	: 21h 35m 01.21s
Declination	: -14° 46' 27.3"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.200
Alternative Names	: OX -158, PHL 1657
	: PKS 2135-147, 1E 2135.0-1446

**Averaged Spectrum****Standard Deviation**



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	2640 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	2128	L	43718.0	28 Jul 78	1020.0			0.14			
2	SWP	4935	L	43978.0	14 Apr 79	23400.0			0.77			34
3	LWR	4280	L	43980.0	16 Apr 79	20580.0				0.22		30
4	SWP	7487	L	44232.0	24 Dec 79	51600.0			0.96			339
5	SWP	15673	L	44946.0	7 Dec 81	24360.0			1.11			343
6	SWP	18741	L	45310.0	6 Dec 82	19080.0			0.81			332
7	LWP	1739	L	45311.0	7 Dec 82	21120.0				0.30		313 D
8	SWP	21694	L	45674.0	5 Dec 83	23400.0			1.00			333

**X-Ray Spectra**

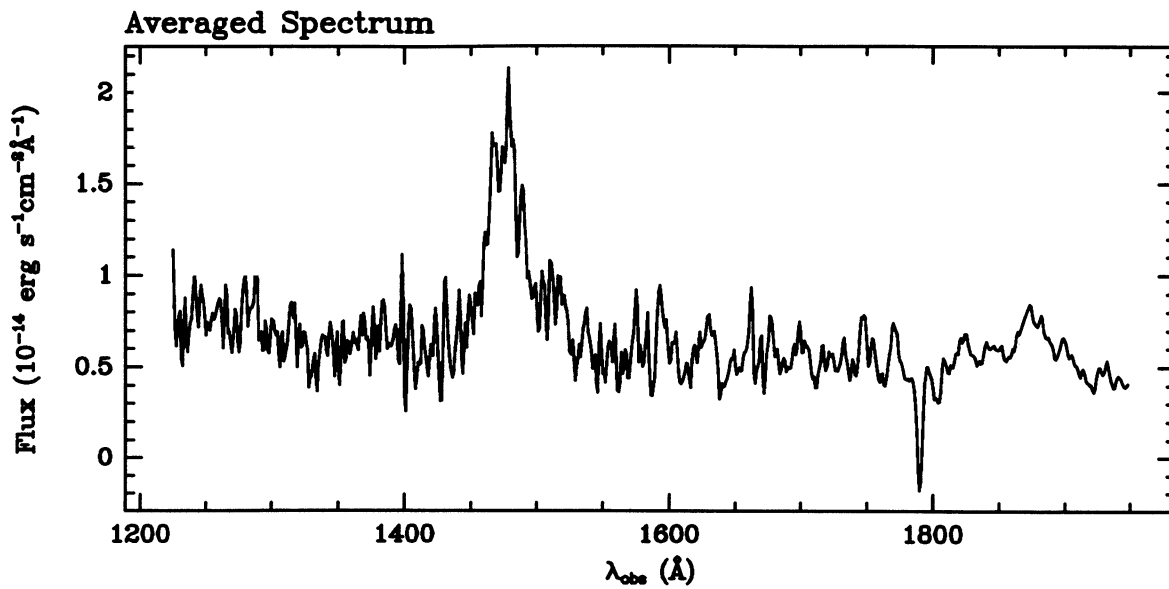
EINSTEIN            • 239                    • 240                    • 550                    • 806  
 EXOSAT             • 769                    • 787

**References**

• 14      • 56      • 85      • 237      • 284      • 302      • 354      • 474  
 • 504      • 512      • 590      • 603      • 617      • 634      • 662      • 776  
 • 804      • 816      • 823      • 829      • 879      • 930

## QSO 2141+175

Right Ascension	: 21h 41m 13.77s
Declination	: 17° 30' 01.8"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.213
Alternative Names	: PKS 2141+175, OX 169
	: 1E 2141.2+1730, PG 2141+175



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1516 Å	2668 Å	CEB	Flag
1	SWP 10058 L	44492.0	9 Sep 80	25500.0			0.75		336	
2	SWP 15818 L	44959.0	20 Dec 81	55200.0			0.86		x39	

### X-Ray Spectra

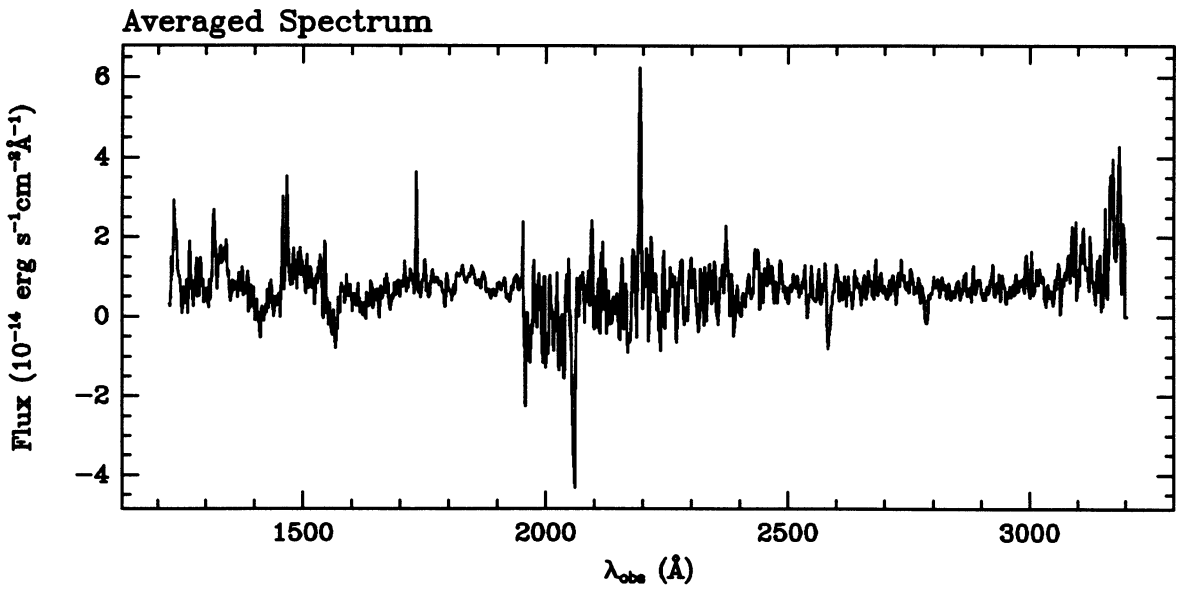
EINSTEIN	• 7	• 557	• 1164	• 1165
	• 1166	• 1170	• 1171	• 1172
	• 1173	• 1175		
EXOSAT	• 353	• 356	• 359	

### References

• 153	• 284	• 302	• 354	• 488	• 590	• 603	• 617
• 662	• 729	• 730	• 816	• 842	• 879	• 895	• 930

**NGC 7130**

Right Ascension	: 21h 45m 18.00s
Declination	: -35° 11' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 88
Redshift	: 0.016
Alternative Names	: MCG-06-47-0015, IC 5135, ESO 403- 32
	: IRAS 21453-3511, EQ 2145-351



**Observed Spectra**

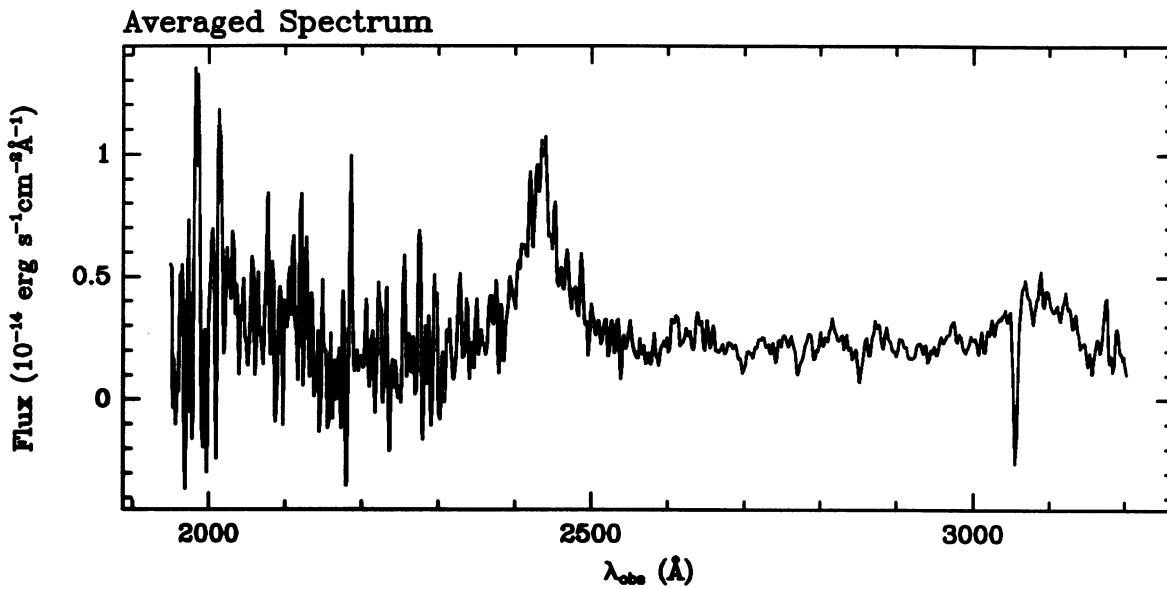
#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1270 Å	2235 Å	CEB	Flag
											10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>	
1	LWR	15629	L	45425.0	31 Mar 83	10200.0			0.79	0.51	309	
2	SWP	19597	L	45425.0	31 Mar 83	14400.0	60	65.35			325	

**References**

- 181      • 313      • 445      • 791      • 869

**QSO 2145+067**

Right Ascension	:	21h 45m 36.10s
Declination	:	6° 43' 41.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.990
Alternative Names	:	PKS 2145+067, 4C 6.69

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2487 Å	3000 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWP	4922	L	46040.0	5 Dec 84	25740.0			0.38	0.24	335	D
2	LWP	4944	L	46043.0	8 Dec 84	24900.0			0.40	0.24	456	

**X-Ray Spectra**

EINSTEIN                      • 798

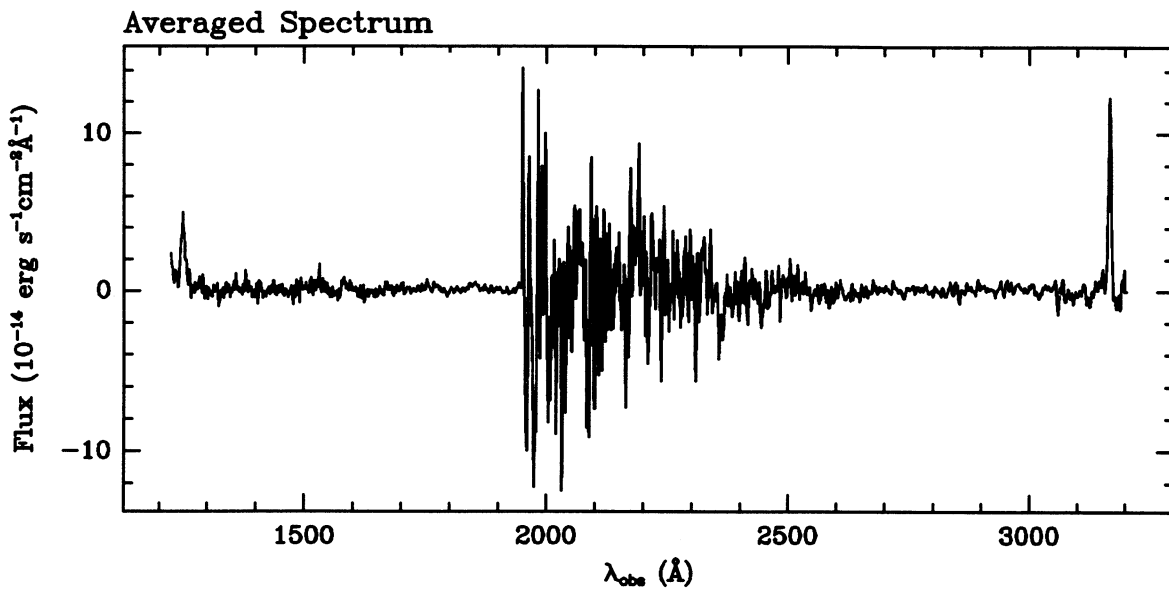
**References**

- 14      • 265      • 302      • 590      • 711      • 804      • 830      • 842
- 858      • 930



**AOO PKS 2152-699**

Right Ascension	:	21h 52m 57.00s
Declination	:	-69° 55' 40.0"
Object Type	:	Seyfert 2
ULDA Type	:	86
Redshift	:	0.028
Alternative Names	:	MSH 21- 64

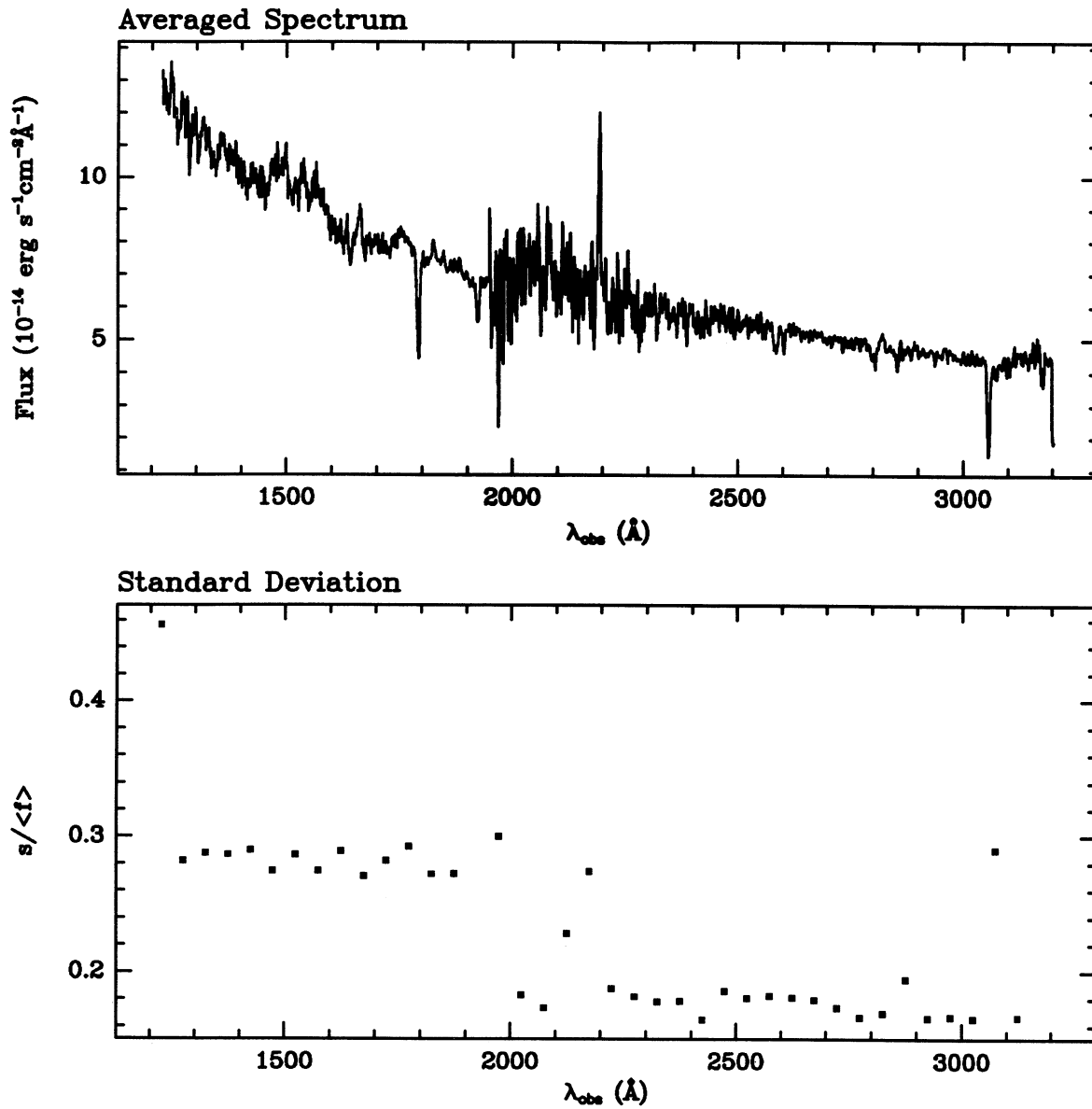


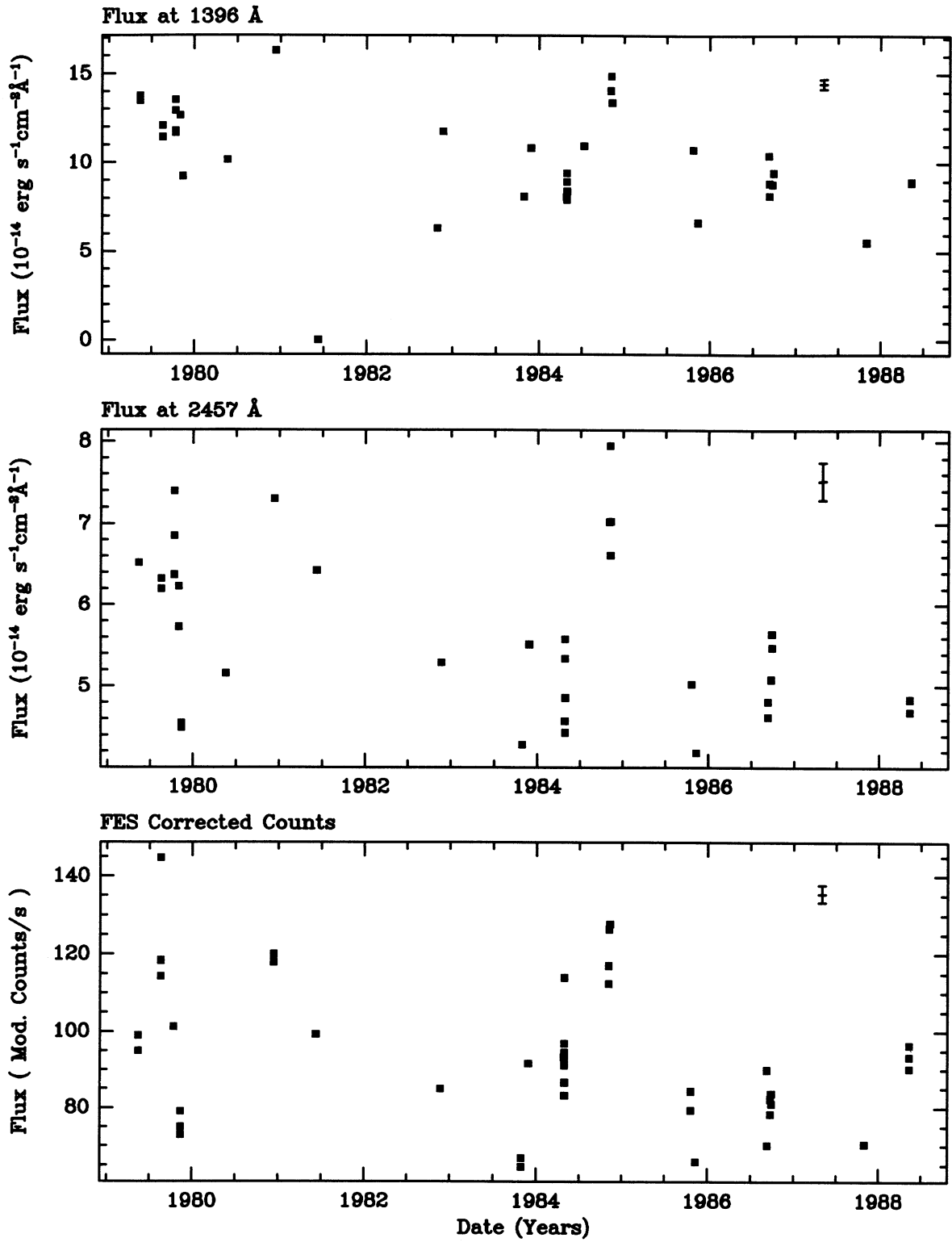
**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1285 Å	2261 Å	CEB	Flag
1	LWP	3885	L	45909.0	27 Jul 84	1500.0						
2	SWP	23526	L	45909.0	27 Jul 84	3600.0				0.38		D
3	SWP	23527	L	45909.0	27 Jul 84	16320.0			0.36			232

**QSO 2155-304**

Right Ascension	: 21h 55m 58.23s
Declination	: -30° 27' 51.8"
Object Type	: BL Lac
ULDA Type	: 85,87
Redshift	: 0.117
Alternative Names	: PKS 2155-304, H 2155-30





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1396 Å	2457 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	4522	L	44009.0	15 May 79	3000.0	94	95.04		6.52	501	
2	SWP	5238	L	44009.0	15 May 79	10800.0	98	99.08	13.76		xx4	
3	SWP	5239	L	44009.0	15 May 79	7200.0	94	95.04	13.48		501	
4	LWR	5397	L	44105.0	19 Aug 79	2999.0				6.33	402	
5	LWR	5398	L	44105.0	19 Aug 79	2999.0	117	118.42		6.20	502	
6	SWP	6221	L	44105.0	19 Aug 79	5399.0	113	114.37	11.45		402	
7	SWP	6222	L	44105.0	19 Aug 79	4620.0	143	144.73	12.10			
8	LWR	5828	L	44160.0	13 Oct 79	1800.0				6.86	403	
9	LWR	5829	L	44160.0	13 Oct 79	1290.0				7.40	303	
10	SWP	6855	L	44160.0	13 Oct 79	14400.0			13.54		803	
11	SWP	6856	L	44160.0	13 Oct 79	2400.0			12.93		301	
12	SWP	6857	L	44160.0	13 Oct 79	2880.0			13.54		301	
13	LWR	5839	L	44161.0	14 Oct 79	1800.0	100	101.30		6.37	303	
14	SWP	6867	L	44161.0	14 Oct 79	2880.0	100	101.30	11.69		301	
15	SWP	6868	L	44161.0	14 Oct 79	2880.0	100	101.30	11.79		301	
16	LWR	6009	L	44180.0	2 Nov 79	5400.0				5.73	604	
17	LWR	6010	L	44180.0	2 Nov 79	3000.0				6.23	504	
18	SWP	7070	L	44180.0	2 Nov 79	5400.0			12.68		401	
19	LWR	6135	L	44191.0	13 Nov 79	4500.0				4.50	501	
20	SWP	7139	L	44191.0	13 Nov 79	7199.0	72	72.98	9.24		401	
21	LWR	6136	L	44192.0	14 Nov 79	3599.0	78	79.06		4.55	401	
22	SWP	7140	L	44192.0	14 Nov 79	7199.0	74	75.00	9.27		451	
23	LWR	7813	L	44381.0	21 May 80	3600.0				5.16	401	
24	SWP	9066	L	44381.0	21 May 80	7200.0			10.19		401	
25	LWR	9476	L	44585.0	11 Dec 80	2400.0	115	118.00		7.31	502	
26	SWP	10799	L	44585.0	11 Dec 80	2400.0	117	120.05	16.31		401	
27	LWR	10815	L	44765.0	9 Jun 81	1680.0				6.43	402	
28	SWP	14224	L	44765.0	9 Jun 81	4800.0	96	99.37	0.03		301	D
29	SWP	14224	S	44765.0	9 Jun 81	4800.0					301	
30	SWP	18421	L	45272.0	29 Oct 82	3600.0			6.37		301	
31	LWR	14688	L	45295.0	21 Nov 82	4980.0				5.30		
32	SWP	18619	L	45295.0	21 Nov 82	2400.0	79	84.98	11.77			
33	SWP	18619	S	45295.0	21 Nov 82	4800.0						
34	LWP	2189	L	45639.0	31 Oct 83	2040.0	58	64.66		4.29	402	
35	SWP	21418	L	45639.0	31 Oct 83	3600.0	60	66.89	8.13		300	
36	LWP	2330	L	45668.0	29 Nov 83	3600.0				5.52	402	
37	SWP	21637	L	45668.0	29 Nov 83	7200.0	82	91.72	10.85		400	
38	SWP	22873	L	45819.0	28 Apr 84	1800.0	82	93.48	8.11		309	
39	LWP	3246	L	45820.0	29 Apr 84	1800.0	82	93.49		4.58	308	
40	LWP	3247	L	45821.0	30 Apr 84	1500.0	81	92.36		5.34	308	
41	LWP	3248	L	45821.0	30 Apr 84	1800.0	82	93.50		4.44	309	
42	LWP	3249	L	45821.0	30 Apr 84	1800.0	82	93.50		5.58	309	
43	SWP	22882	L	45821.0	30 Apr 84	1800.0	80	91.22	7.96		305	
44	SWP	22883	L	45821.0	30 Apr 84	1800.0	82	93.50	8.95		308	
45	SWP	22884	L	45821.0	30 Apr 84	1800.0	85	96.92	8.12		309	
46	SWP	22885	L	45821.0	30 Apr 84	1800.0	83	94.64	8.39		309	
47	SWP	22887	L	45821.0	30 Apr 84	1800.0	100	114.03	9.45		309	
48	LWP	3252	L	45822.0	1 May 84	1800.0	73	83.25		4.86	304	
49	SWP	22889	L	45822.0	1 May 84	2880.0	76	86.67	8.44		306	
50	SWP	23452	L	45895.0	13 Jul 84	2400.0			10.98		311	
51	LWP	4738	L	46011.0	6 Nov 84	4200.0	100	117.10		7.03	601	
52	SWP	24406	L	46011.0	6 Nov 84	6300.0	96	112.42	14.08		501	
53	LWP	4746	L	46012.0	7 Nov 84	2220.0	108	126.48		7.95	501	
54	SWP	24410	L	46012.0	7 Nov 84	4200.0	108	126.48	14.90		400	
55	LWP	4782	L	46016.0	11 Nov 84	2400.0	109	127.73		7.03	502	
56	LWP	4783	L	46016.0	11 Nov 84	1200.0	109	127.73		6.62	301	
57	SWP	24445	L	46016.0	11 Nov 84	6000.0	109	127.73	13.39		501	
58	LWP	6986	L	46363.0	24 Oct 85	2400.0	68	84.41		5.03	401	
59	SWP	26974	L	46363.0	24 Oct 85	5400.0	64	79.44	10.76		400	
60	LWP	7082	L	46382.0	12 Nov 85	2340.0	53	66.02		4.19	302	D
61	SWP	27094	L	46382.0	12 Nov 85	5400.0	53	66.02	6.69		300	
62	SWP	29179	L	46683.0	9 Sep 86	2580.0	68	90.04	10.46		302	
63	LWP	9056	L	46685.0	11 Sep 86	1800.0	53	70.21		4.82	412	D
64	LWP	9057	L	46685.0	11 Sep 86	1500.0	53	70.21		4.63	313	D
65	SWP	29194	L	46685.0	11 Sep 86	3000.0	53	70.21	8.90		311	
66	SWP	29195	L	46685.0	11 Sep 86	3240.0	53	70.21	8.19		311	

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1396 Å	2457 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
67	LWP 9169 L	46699.0	25 Sep 86	2400.0	62	82.37		5.09	402	D
68	SWP 29308 L	46699.0	25 Sep 86	5400.0	59	78.39	8.84		401	
69	LWP 9205 L	46702.0	28 Sep 86	2100.0	63	83.76		5.65	403	D
70	LWP 9210 L	46703.0	29 Sep 86	3000.0	61	81.12		5.48	504	D
71	SWP 29327 L	46703.0	29 Sep 86	4800.0	61	81.12	9.49		401	
72	SWP 32210 L	47102.0	2 Nov 87	2700.0	48	70.57	5.56		300	
73	LWP 13214 L	47295.0	13 May 88	2700.0	58	90.32		4.69	402	
74	LWP 13215 L	47295.0	13 May 88	3300.0	58	90.33		4.84	502	
75	SWP 33517 L	47295.0	13 May 88	7200.0	60	93.44	8.93		401	
76	SWP 33518 L	47295.0	13 May 88	9300.0	62	96.55	8.99		502	

## X-Ray Spectra

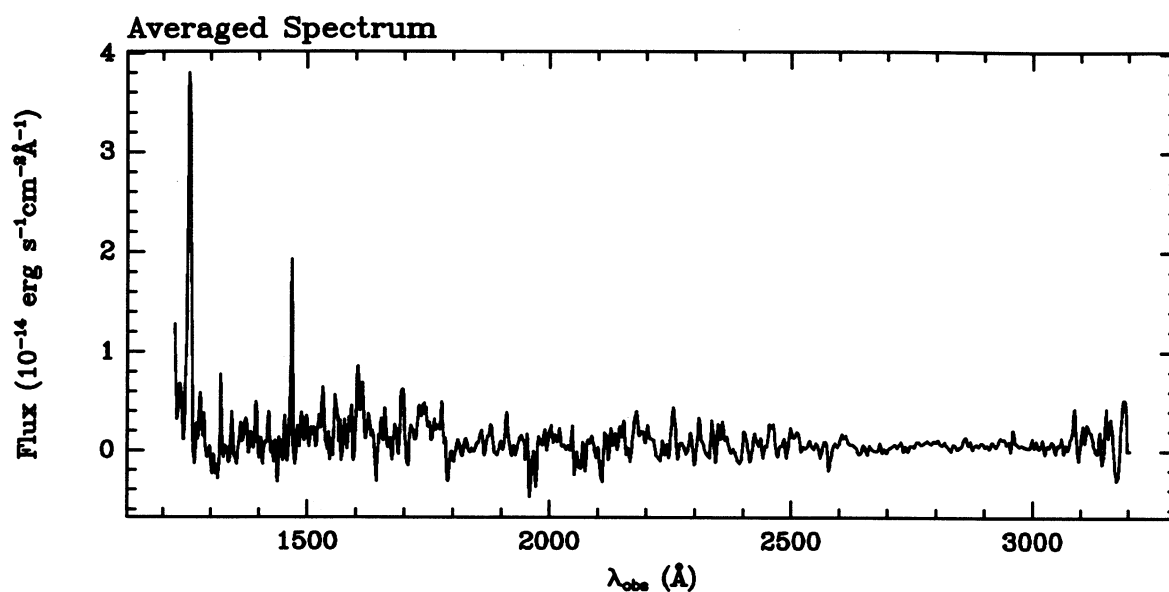
EINSTEIN	• 234	• 536	• 539	• 813
	• 815	• 825		
EXOSAT	• 278	• 365	• 1187	• 1190
	• 1198	• 1868	• 1884	• 1885
	• 1904			

## References

• 103	• 105	• 110	• 132	• 138	• 162	• 238	• 256
• 279	• 292	• 392	• 431	• 464	• 470	• 509	• 526
• 531	• 626	• 641	• 697	• 710	• 715	• 734	• 749
• 750	• 753	• 809	• 812				

**AOO PKS 2158-380**

Right Ascension	:	21h 58m 17.20s
Declination	:	-38° 00' 51.0"
Object Type	:	Seyfert 2
ULDA Type	:	86
Redshift	:	0.033
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1291 Å	2272 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP 3644 L	43862.0	19 Dec 78	7200.0			0.02			13
2	LWR 4617 L	44022.0	28 May 79	25020.0				0.11		22
3	SWP 5426 L	44026.0	1 Jun 79	7200.0			0.09			03
4	SWP 7215 L	44202.0	24 Nov 79	24360.0			0.06			223

**X-Ray Spectra**

EINSTEIN           • 266

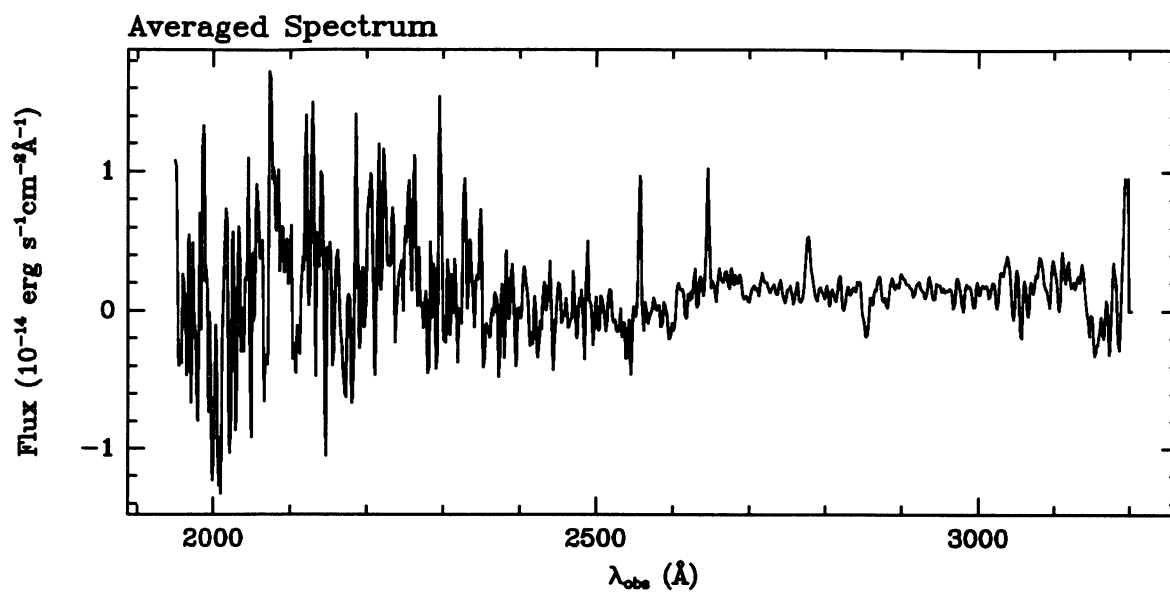
EXOSAT             • 1185               • 1869

**References**

• 227           • 635

**NGC 7172**

Right Ascension	: 21h 59m 07.00s
Declination	: -32° 06' 36.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.008
Alternative Names	: ESO 466- 38, MCG-05-52-0007
	: EQ 2159-321, IRAS 21591-3206

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1260 Å	2217 Å	CEB	Flag
1	LWP 9261 L	46711.0	7 Oct 86	12600.0	75	99.91	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		0.41	304 D

**X-Ray Spectra**

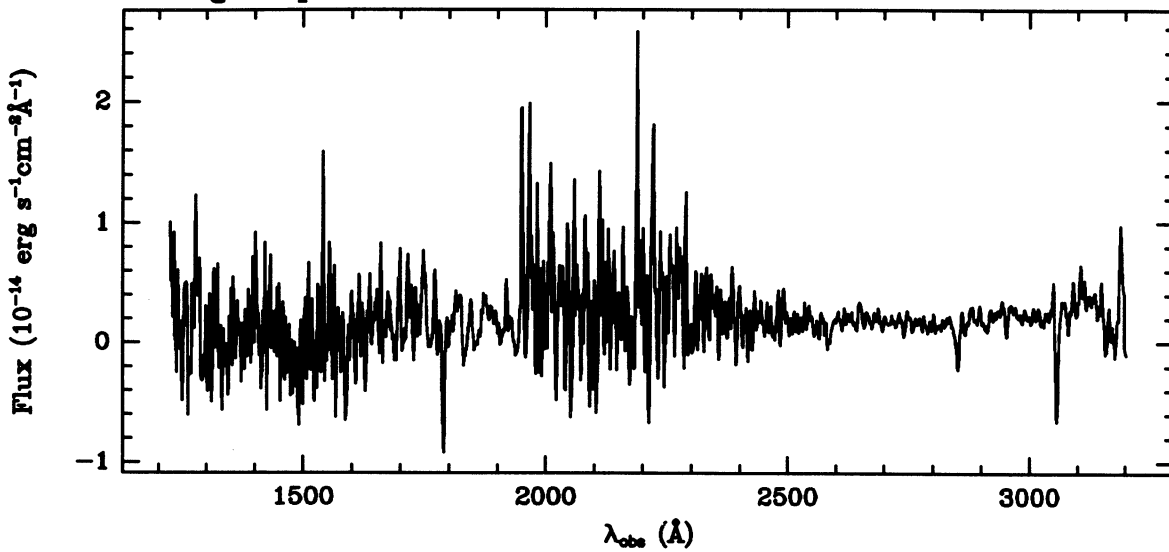
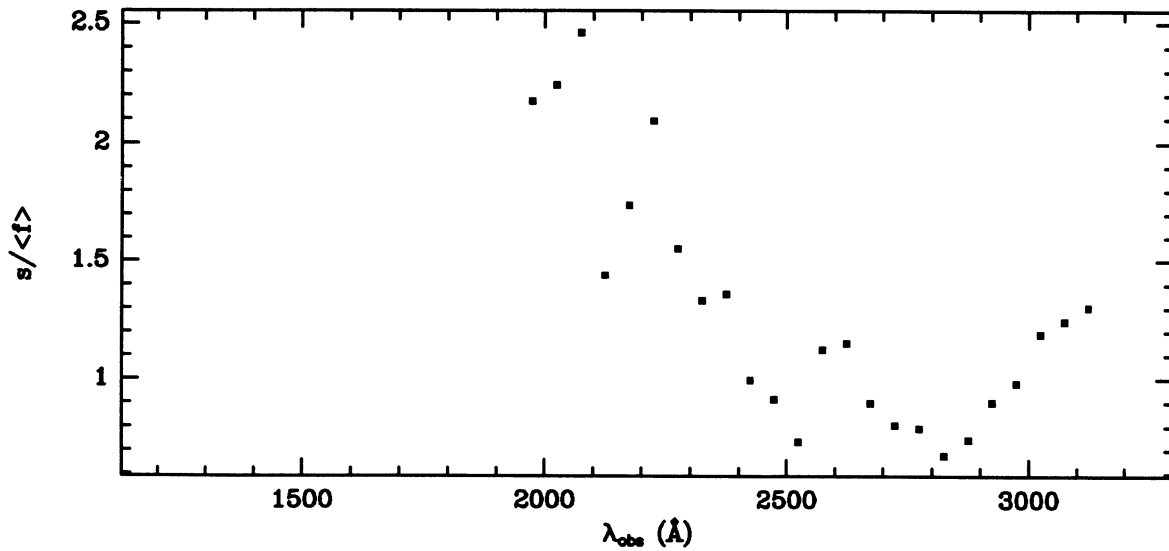
EXOSAT • 1875

**References**

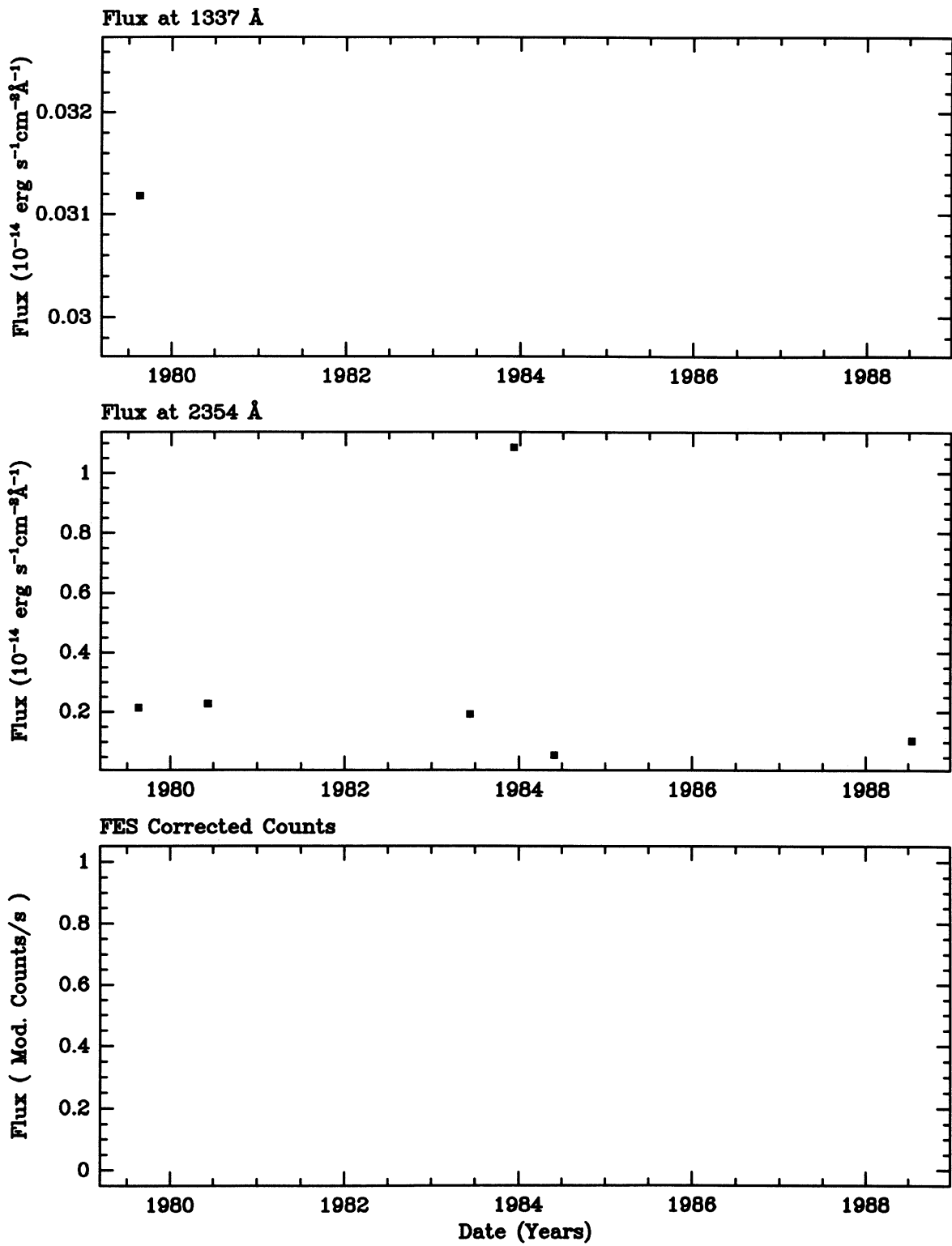
• 357 • 493 • 607 • 776

**V\* BL LAC**

Right Ascension	: 22h 00m 39.46s
Declination	: 42° 02' 08.5"
Object Type	: BL Lac HP
ULDA Type	: 87,88
Redshift	: 0.070
Alternative Names	: OY 401, PKS 2200+420

**Averaged Spectrum****Standard Deviation**





## Observed Spectra

#	Observation			Date		Exposure Time <i>s</i>	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1337 Å	2354 Å	CEB	Flag
1	LWR	5402	L	44106.0	20 Aug 79	21600.0					307	
2	SWP	6239	L	44107.0	21 Aug 79	25199.0			0.03	0.21	309	
3	LWR	7982	L	44399.0	8 Jun 80	23400.0					307	
4	LWR	16132	L	45497.0	11 Jun 83	11400.0				0.19	304	
5	LWP	2365	L	45676.0	7 Dec 83	8700.0				1.09	09	D
6	LWP	3462	L	45851.0	30 May 84	14040.0				0.06	309	D
7	LWP	13430	L	47328.0	15 Jun 88	24600.0					309	
8	LWP	13675	L	47360.0	17 Jul 88	23700.0				0.11	309	

## X-Ray Spectra

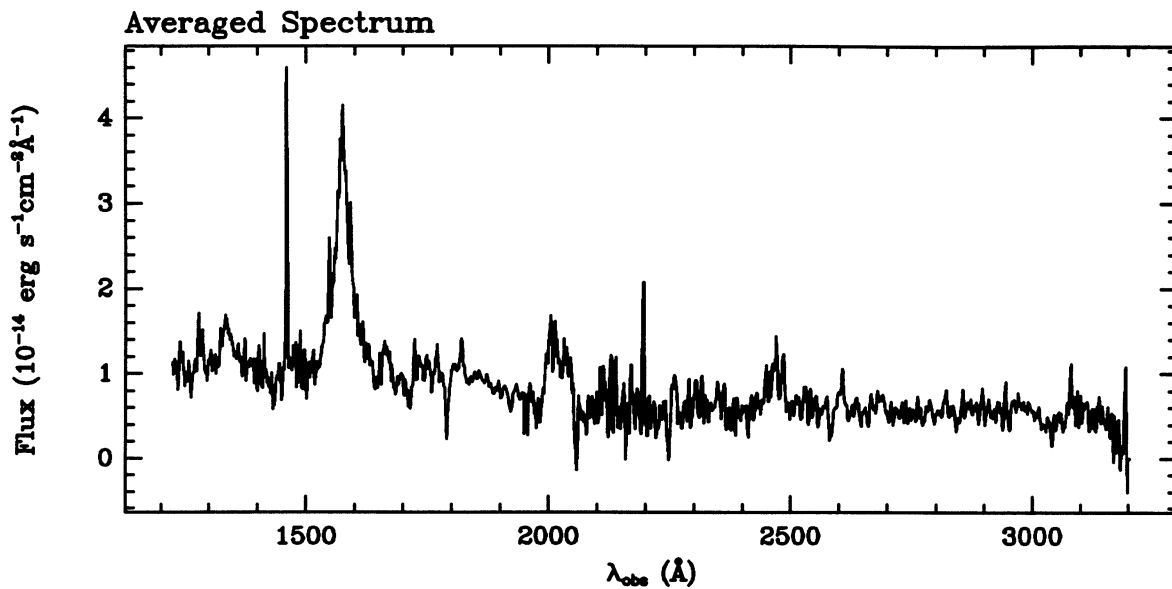
EINSTEIN           • 574                   • 576                   • 954  
EXOSAT             • 391                   • 927

## References

• 1       • 28       • 35       • 36       • 59       • 69       • 91       • 103  
• 107     • 110     • 130     • 131     • 132     • 133     • 134     • 207  
• 238     • 255     • 256     • 279     • 292     • 447     • 526     • 564  
• 652     • 776     • 784     • 807     • 808     • 885

**QSO 2201+315**

Right Ascension	:	22h 01m 01.10s
Declination	:	31° 31' 10.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.298
Alternative Names	:	4C 31.63, B2 2201+31.5

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1622 Å	2855 Å	CEB	Flag
1	SWP 7491 L	44234.0	26 Dec 79	24600.0			1.42			353
2	LWR 6478 L	44235.0	27 Dec 79	24900.0				0.57		469
3	SWP 10117 L	44497.0	14 Sep 80	18000.0			1.19			335

**X-Ray Spectra**

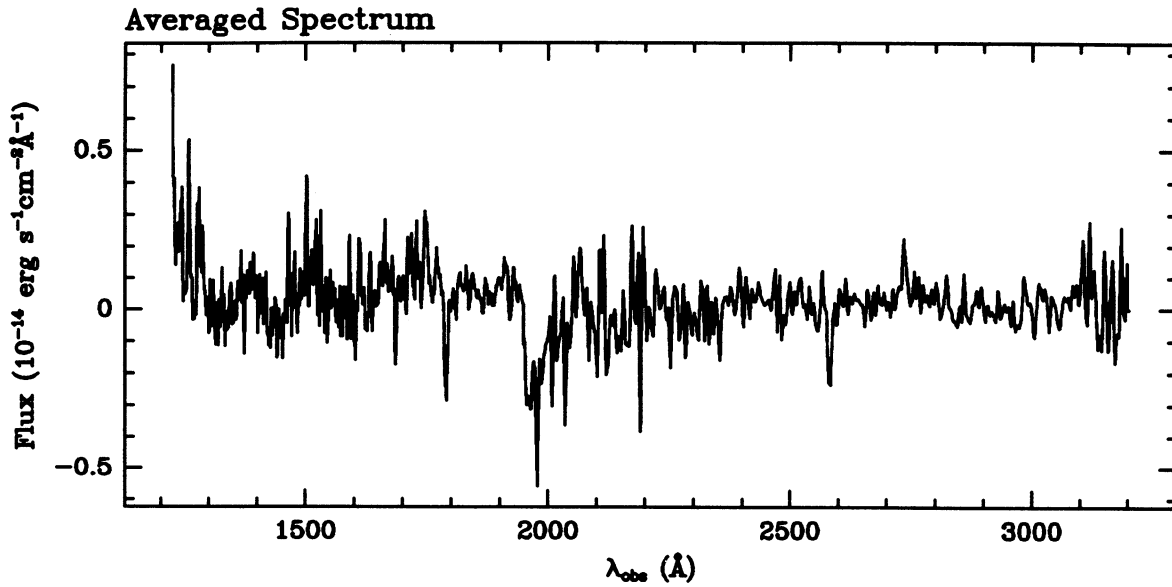
EINSTEIN           • 575                   • 582                   • 963  
EXOSAT             • 308                   • 1693

**References**

• 14      • 85      • 153      • 302      • 320      • 423      • 467      • 488  
• 504      • 545      • 598      • 603      • 729      • 730      • 766      • 776  
• 804      • 830      • 842      • 930

**QSO 2204-408**

Right Ascension	:	22h 04m 33.00s
Declination	:	-40° 51' 35.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	3.170
Alternative Names	:	

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 $\text{\AA}$	3000 $\text{\AA}$	CEB	Flag
1	SWP 2251 L	43730.0	9 Aug 78	21000.0			0.23		11	
2	SWP 2849 L	43785.0	3 Oct 78	51540.0			0.16			
3	LWR 2539 L	43787.0	5 Oct 78	51660.0				0.02		
4	SWP 14798 L	44840.0	23 Aug 81	45600.0			0.05		07	
5	SWP 14815 L	44842.0	25 Aug 81	44580.0			0.03		09	
6	SWP 16685 L	45062.0	2 Apr 82	42600.0			0.11		x8	

**X-Ray Spectra**

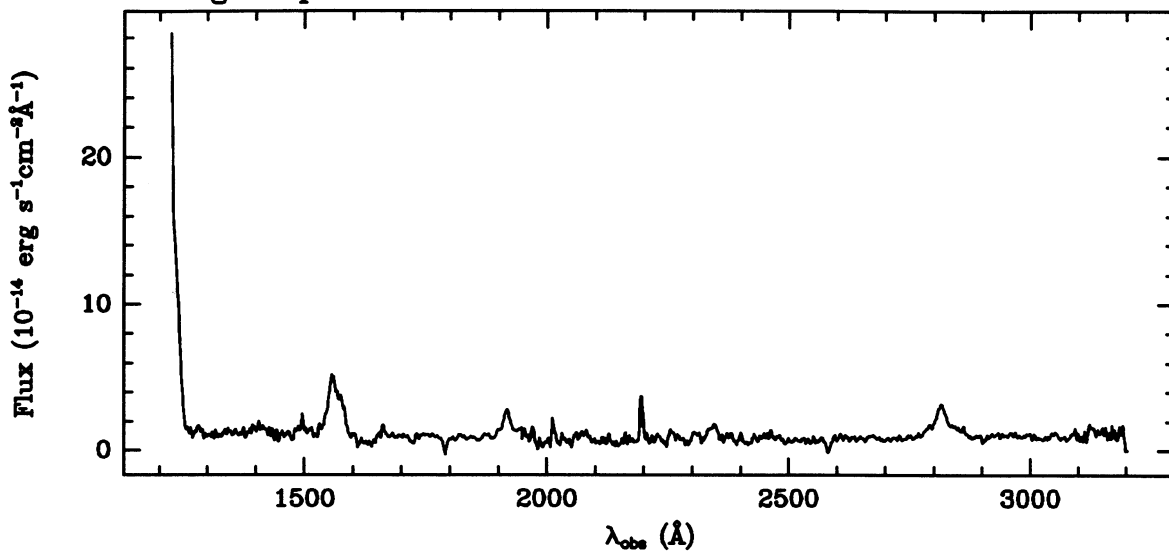
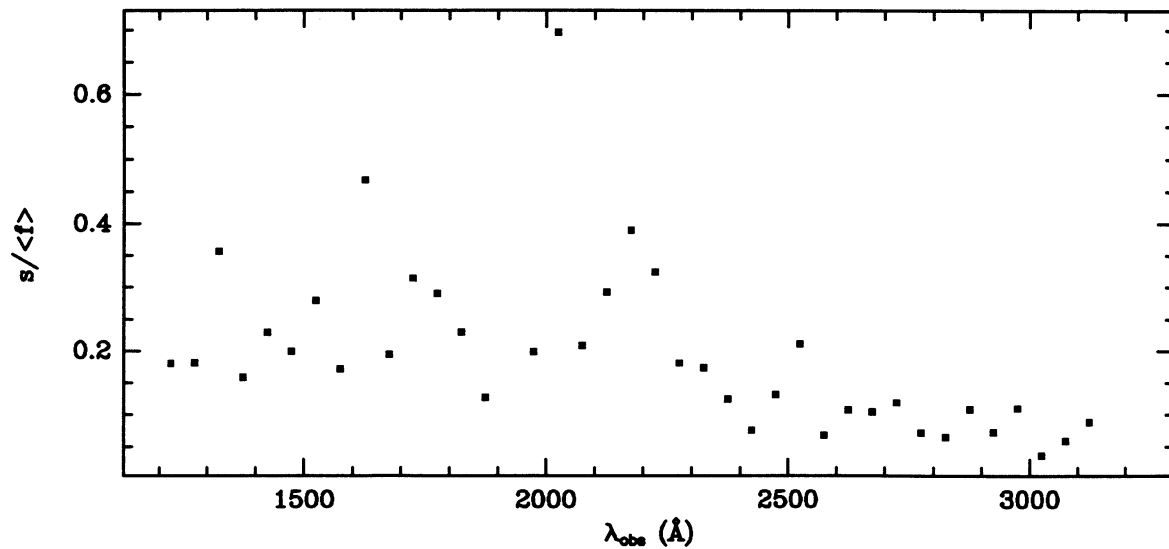
EINSTEIN                    • 525                    • 824

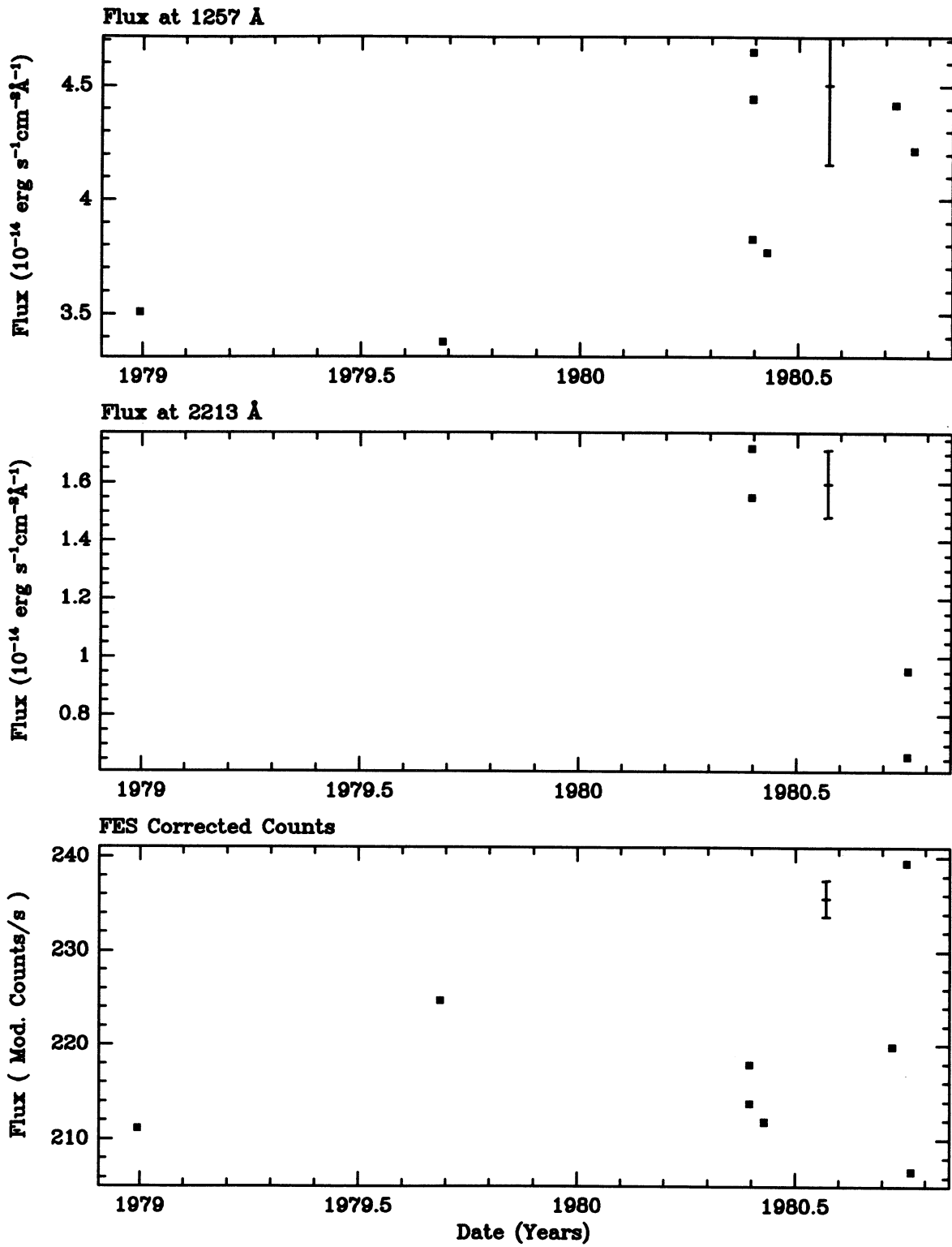
**References**

• 94      • 296      • 353      • 628      • 701      • 729      • 730

**NGC 7213**

Right Ascension	: 22h 06m 09.00s
Declination	: -47° 24' 42.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.006
Alternative Names	: ESO 288- 43, IRAS 22061-4724

**Averaged Spectrum****Standard Deviation**



**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1257 Å	2213 Å	CEB	Flag
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	SWP	3734	L	43872.0	29 Dec 78	2700.0	209	211.19	3.51			
2	SWP	6441	L	44125.0	8 Sep 79	9000.0	222	224.75	3.38			3x0
3	LWR	7845	L	44384.0	24 May 80	2700.0				1.72		332
4	LWR	7846	L	44384.0	24 May 80	5400.0	214	217.95		1.55		343
5	SWP	9098	L	44384.0	24 May 80	2700.0	210	213.87	3.83			330
6	SWP	9099	L	44384.0	24 May 80	10800.0	210	213.87	4.44			3x3
7	SWP	9100	L	44384.0	24 May 80	960.0			4.65			201
8	SWP	9196	S	44396.0	5 Jun 80	3600.0						331
9	SWP	9196	L	44396.0	5 Jun 80	3600.0	208	211.91	3.77			331
10	SWP	10197	L	44504.0	21 Sep 80	23280.0	215	219.87	4.42			356
11	LWR	8944	L	44516.0	3 Oct 80	11520.0				0.66		3x3
12	LWR	8945	L	44516.0	3 Oct 80	8400.0	234	239.41		0.96		343
13	SWP	10297	L	44520.0	7 Oct 80	9000.0	202	206.70	4.22			341

**X-Ray Spectra**

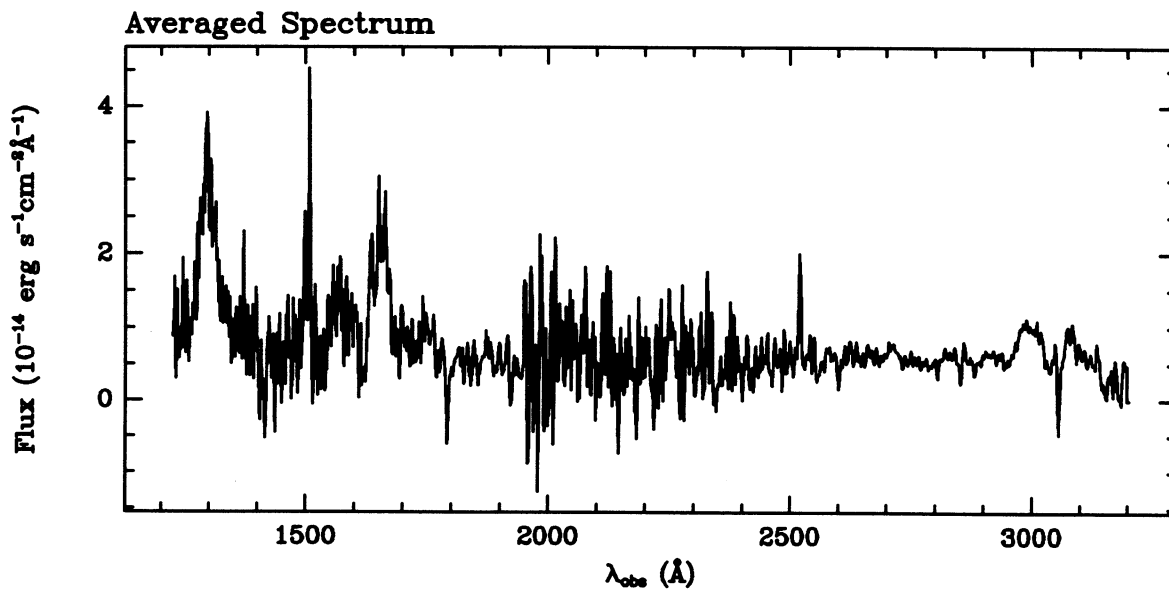
EINSTEIN           • 208                   • 516                   • 814  
 EXOSAT             • 296                   • 1189

**References**

• 13       • 99       • 125       • 158       • 179       • 326       • 327       • 434  
 • 453       • 582       • 607       • 662       • 675       • 707       • 775       • 833  
 • 841       • 900

**PG 2209+184**

Right Ascension	:	22h 09m 30.20s
Declination	:	18° 27' 01.0"
Object Type	:	Seyfert 1
ULDA Type	:	85
Redshift	:	0.070
Alternative Names	:	ZW II 171, QSO 2209+184

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1337 Å	2354 Å	CEB	Flag
1	LWP 7427 L	46430.0	30 Dec 85	10800.0					336	D
2	SWP 27424 L	46430.0	30 Dec 85	14100.0			1.30	0.45	339	

**X-Ray Spectra**

EINSTEIN            • 964

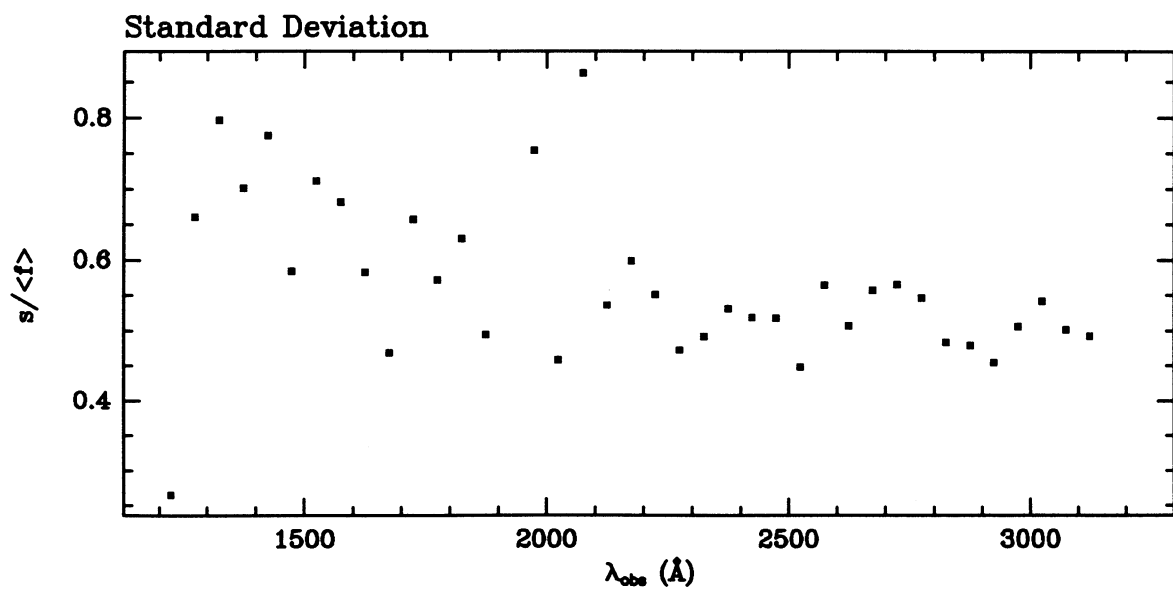
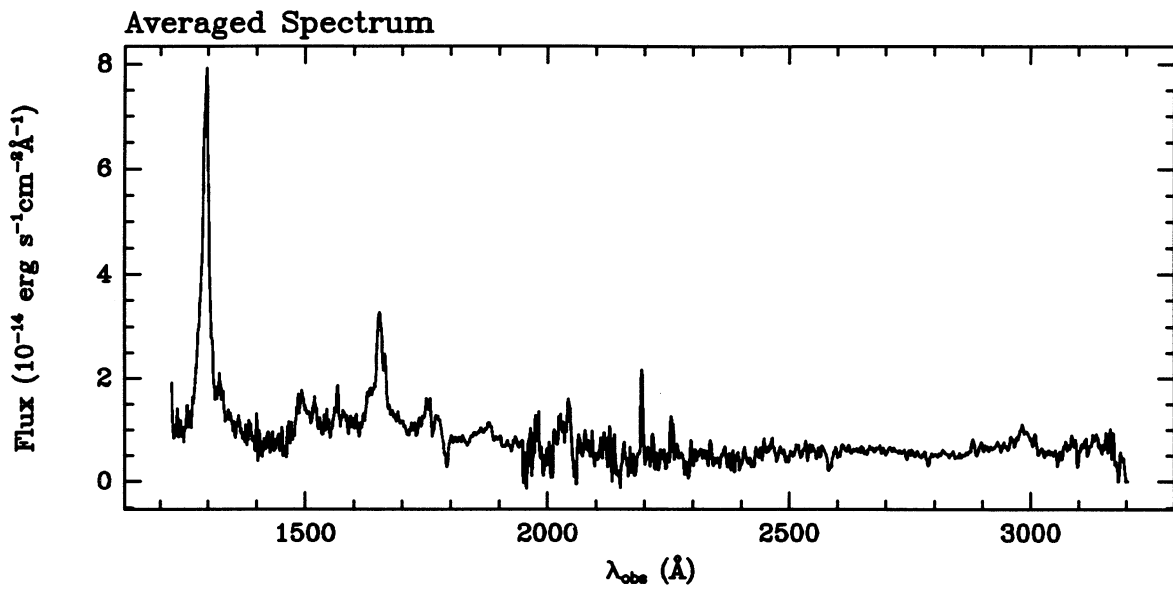
**References**

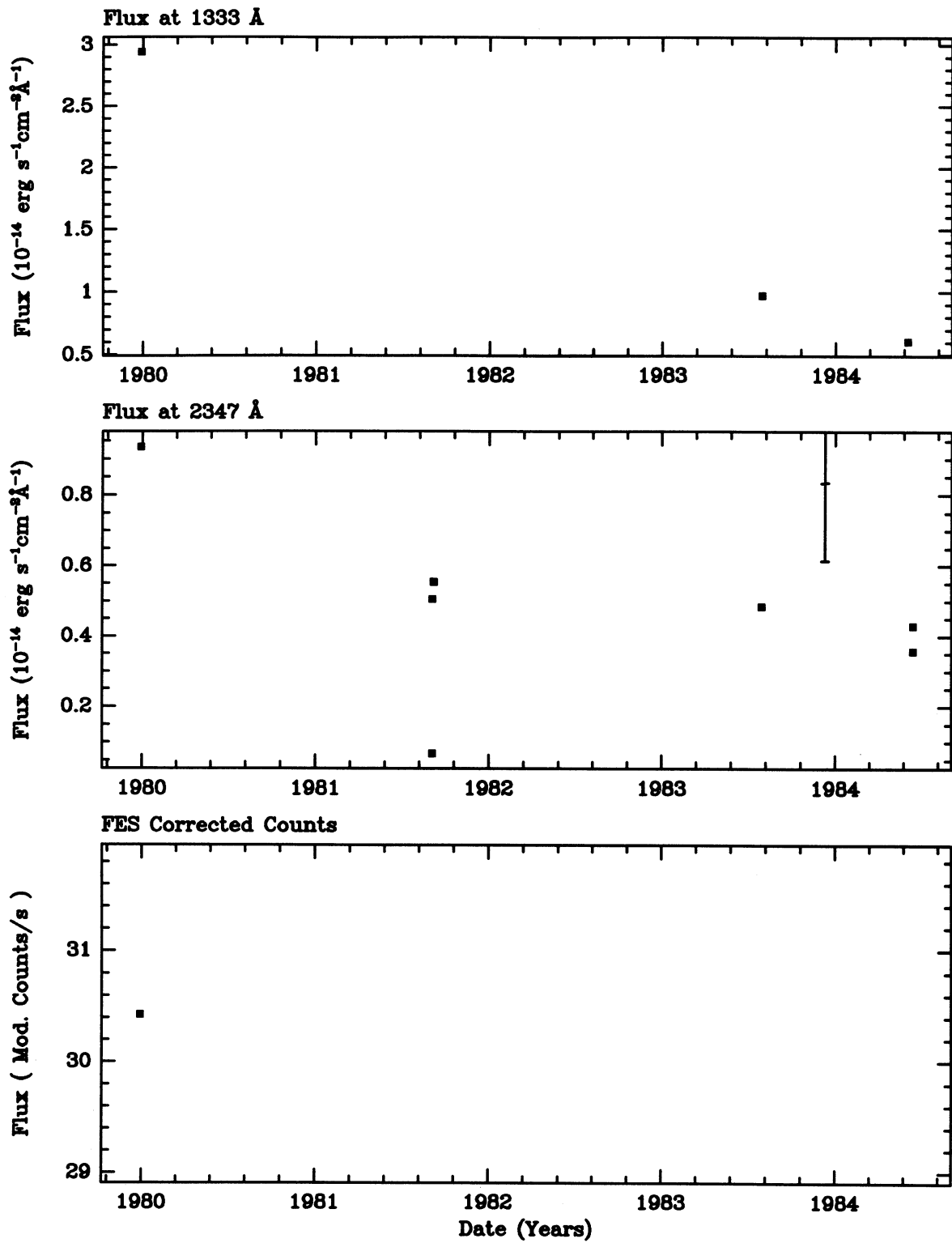
• 621      • 717      • 776      • 816      • 832



**MRK 304**

Right Ascension	: 22h 14m 45.20s
Declination	: 13° 59' 27.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.067
Alternative Names	: ZW II 175, 1E 2214.7+1359
	: PG 2214+139, QSO 2214+139





## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1333 Å	2347 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 6483 L	44236.0	28 Dec 79	13260.0	30	30.43			456	
2	SWP 7496 L	44236.0	28 Dec 79	12600.0	30	30.43	2.94	0.93	352	
3	LWR 11468 L	44852.0	4 Sep 81	18000.0					204	
4	LWR 11469 L	44852.0	4 Sep 81	10800.0				0.07	304	
5	LWR 11478 L	44854.0	6 Sep 81	10800.0				0.55	405	
6	LWR 11483 L	44855.0	7 Sep 81	10800.0				0.55	307	
7	LWR 16481 L	45546.0	30 Jul 83	11700.0				0.49	305	
8	SWP 20543 L	45546.0	30 Jul 83	11400.0			0.97		332	
9	SWP 23158 L	45855.0	3 Jun 84	24600.0			0.61		346	
10	LWP 3588 L	45867.0	15 Jun 84	18000.0				0.36	346	D
11	LWP 3589 L	45867.0	15 Jun 84	3600.0				0.43	305	D

## X-Ray Spectra

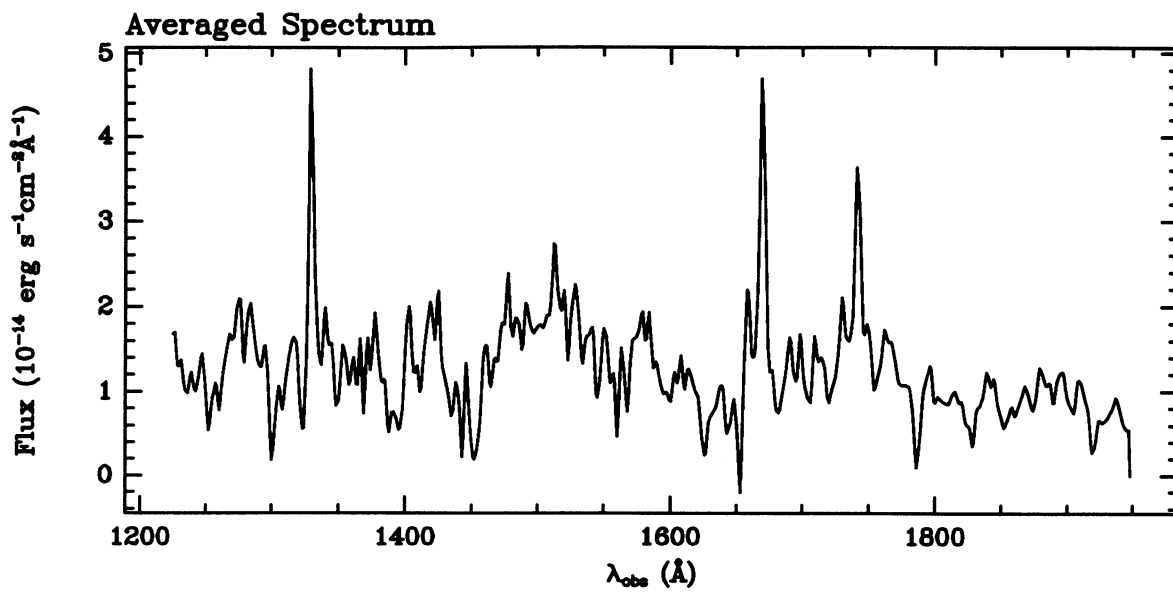
EINSTEIN           • 271                   • 293                   • 1159  
EXOSAT             • 800

## References

• 51       • 85       • 135       • 145       • 146       • 151       • 158       • 163  
• 261       • 284       • 320       • 400       • 488       • 578       • 593       • 611  
• 662       • 717       • 724       • 729       • 776       • 804       • 816       • 832

## NGC 7250

Right Ascension	:	22h 16m 08.50s
Declination	:	40° 18' 42.0"
Object Type	:	.
ULDA Type	:	88
Redshift	:	0.004
Alternative Names	:	UGC 11980, MCG+07-45-0024



## Observed Spectra

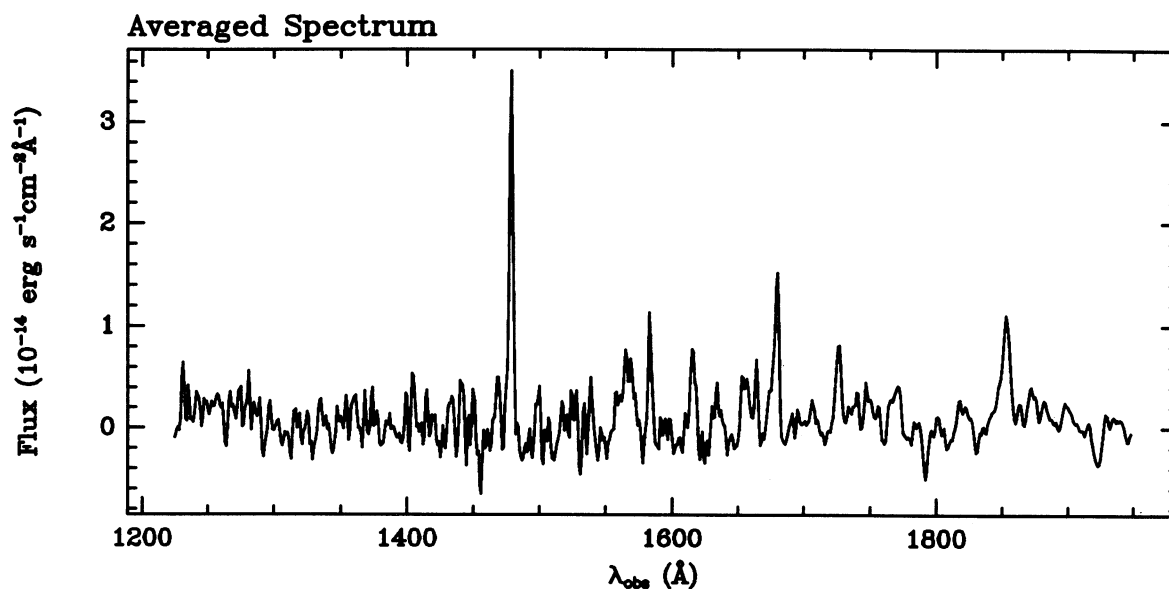
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1255 $\text{\AA}$	2208 $\text{\AA}$	CEB	Flag
1	SWP 6304 L	44113.0	27 Aug 79	8400.0			1.26			20

## References

• 410

**QSO 2216-038**

Right Ascension	: 22h 16m 16.47s
Declination	: - 3° 50' 40.5"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 0.901
Alternative Names	: PKS 2216-038, 4C -3.79
	: OY -027, PB 7136

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2376 Å	3000 Å	CEB	Flag
1	SWP 31225 L	46968.0	21 Jun 87	24480.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			309

**X-Ray Spectra**

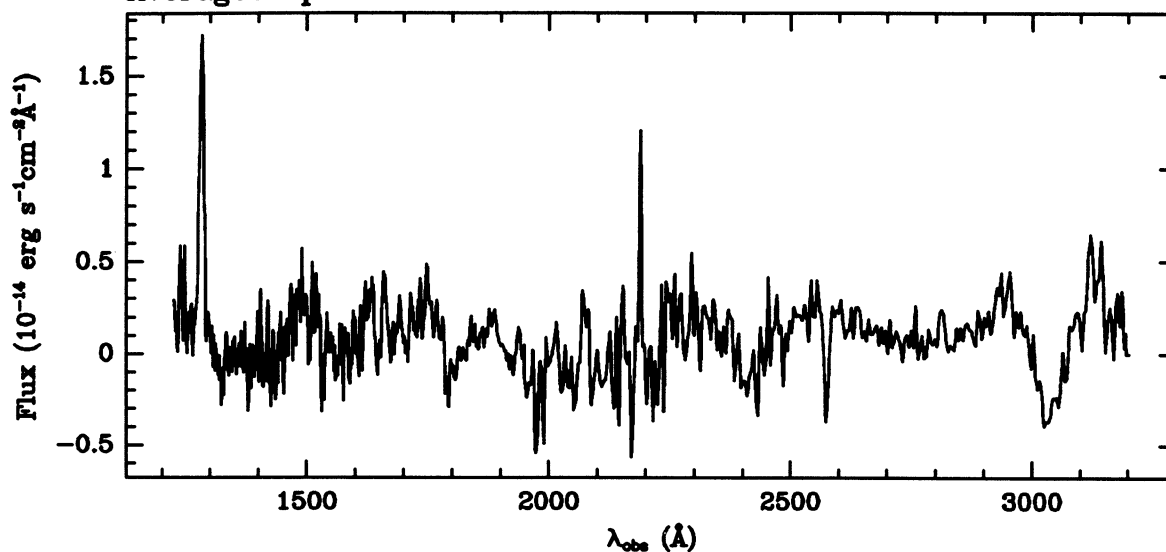
EINSTEIN	• 259			
EXOSAT	• 165	• 170	• 300	• 1867
	• 1872			

**References**

• 302    • 504    • 590    • 711    • 776    • 801

**AOO 3C 445**

Right Ascension	: 22h 21m 14.70s
Declination	: - 2° 21' 27.0"
Object Type	: Seyfert 1)
ULDA Type	: 86
Redshift	: 0.057
Alternative Names	: PKS 2221-023, 4C -2.83
	: NRAO 685, CTA 100

**Averaged Spectrum****Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1321 Å	2325 Å	CEB	Flag
1	SWP 9310 L	44409.0	18 Jun 80	13200.0						122
2	LWR 8072 L	44410.0	19 Jun 80	12300.0				0.17		215
3	SWP 29606 L	46740.0	5 Nov 86	20400.0			0.03			338

**X-Ray Spectra**

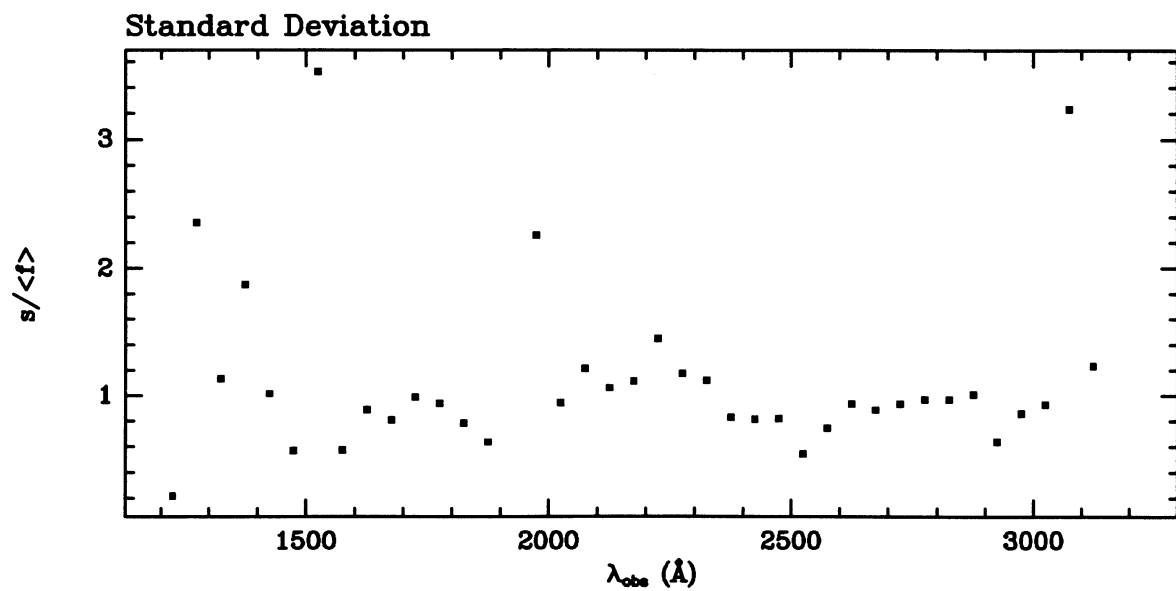
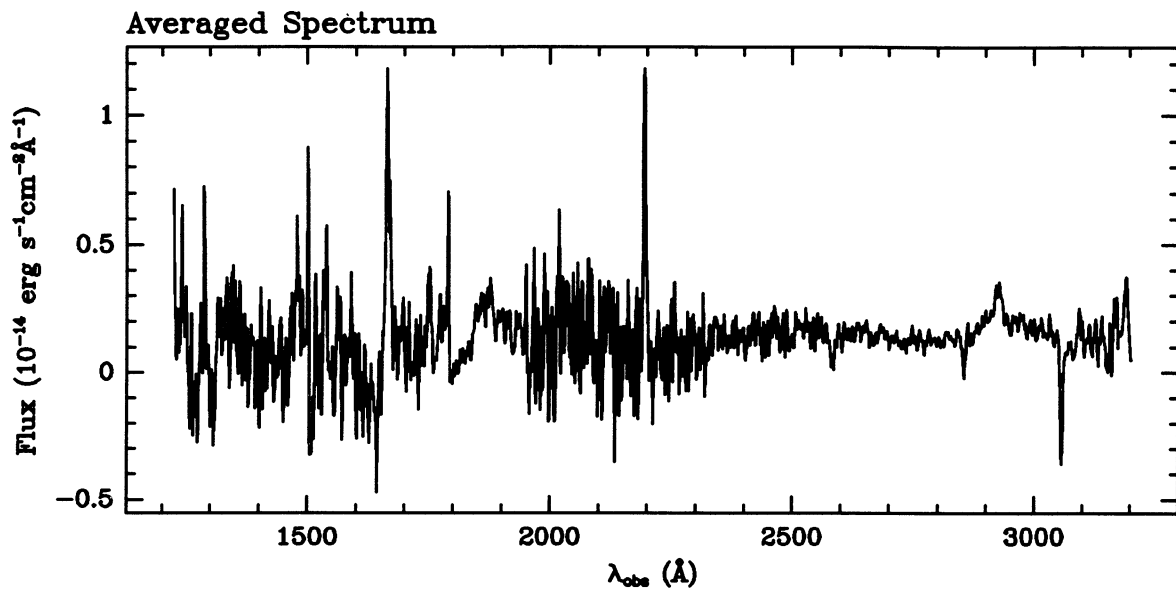
EINSTEIN           • 243                   • 245                   • 265                   • 1148  
EXOSAT             • 82                     • 838

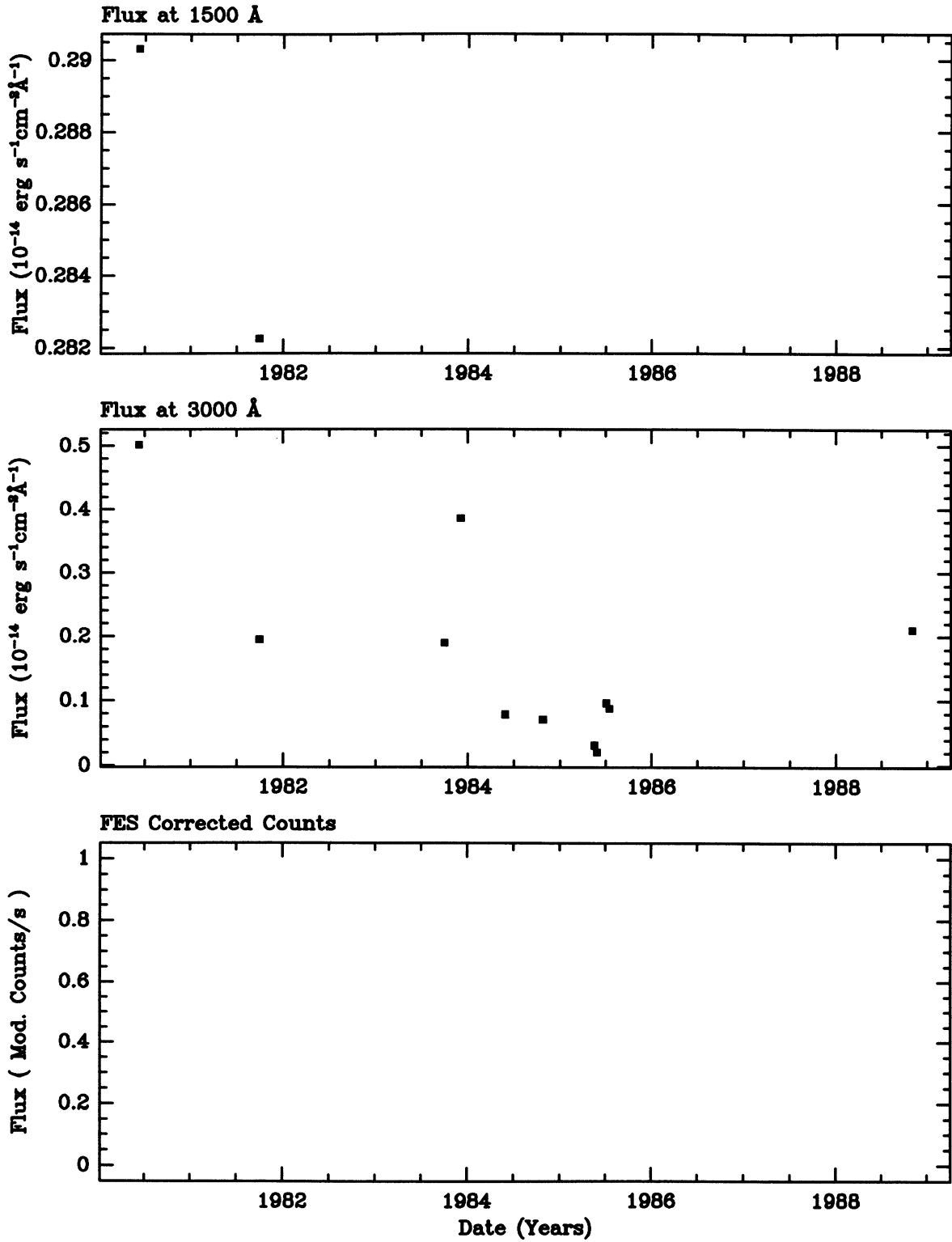
**References**

• 85       • 219       • 285       • 320       • 453       • 504       • 635       • 641  
• 667       • 724       • 816

**QSO 2223-052**

Right Ascension	: 22h 23m 11.05s
Declination	: - 5° 12' 17.0"
Object Type	: Quasar HP
ULDA Type	: 85,87
Redshift	: 1.404
Alternative Names	: 3C 446, PKS 2223-052, OY -039, NRAO 687
	: IRAS 22231-0512, 1E 2223.1-0512, QSO 2223-051







**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	7993	L	44400.0	9 Jun 80	9000.0				0.50		303
2	SWP	9231	L	44400.0	9 Jun 80	14400.0						306
3	LWR	11642	L	44878.0	30 Sep 81	9000.0			0.29			303
4	SWP	15128	L	44878.0	30 Sep 81	14100.0						54
5	SWP	21212	L	45609.0	1 Oct 83	16200.0			0.28			708
6	LWR	16909	L	45610.0	2 Oct 83	9000.0				0.19		303
7	LWP	2355	L	45674.0	5 Dec 83	10800.0				0.39		304
8	LWP	3457	L	45850.0	29 May 84	19800.0				0.08		39
9	LWP	4641	L	45999.0	25 Oct 84	21900.0				0.07		339
10	LWP	6006	L	46204.0	18 May 85	25200.0				0.03		239
11	LWP	6073	L	46214.0	28 May 85	25200.0				0.02		338
12	LWP	6330	L	46250.0	3 Jul 85	24300.0				0.10		339
13	LWP	6407	L	46263.0	16 Jul 85	20100.0				0.09		339
14	LWP	14371	L	47469.0	3 Nov 88	9360.0				0.21		334

**X-Ray Spectra**

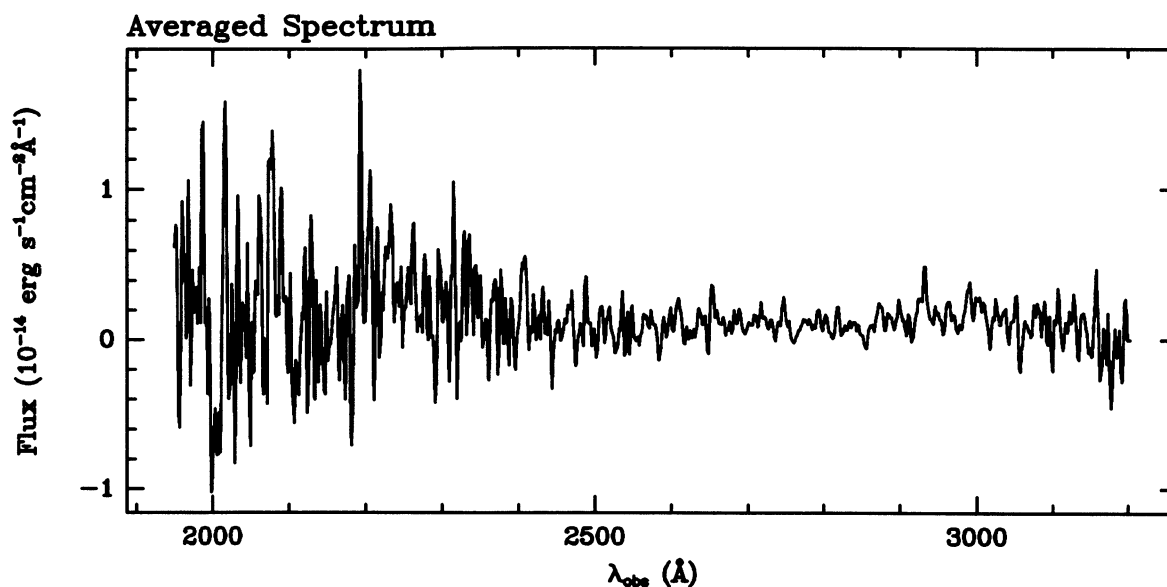
<b>EINSTEIN</b>	• 244	• 260	• 603	• 958
<b>EXOSAT</b>	• 300	• 349	• 373	• 388
	• 396	• 402	• 820	• 1155
	• 1604	• 1627	• 1641	• 1654
	• 1671	• 1679		

**References**

• 14	• 68	• 107	• 133	• 238	• 255	• 292	• 302
• 352	• 383	• 501	• 502	• 526	• 535	• 541	• 564
• 590	• 684	• 698	• 701	• 729	• 730	• 743	• 776
• 804	• 807	• 808	• 845	• 934			

## NGC 7314

Right Ascension	:	22h 33m 00.00s
Declination	:	-26° 18' 36.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.006
Alternative Names	:	ESO 533- 53, MCG-04-53-0018



### Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1257 Å	2213 Å	CEB	Flag
1	LWR 16105 L	45495.0	9 Jun 83	14880.0			0.42		216	
2	LWP 9262 L	46711.0	7 Oct 86	7800.0			0.57		103	D

### X-Ray Spectra

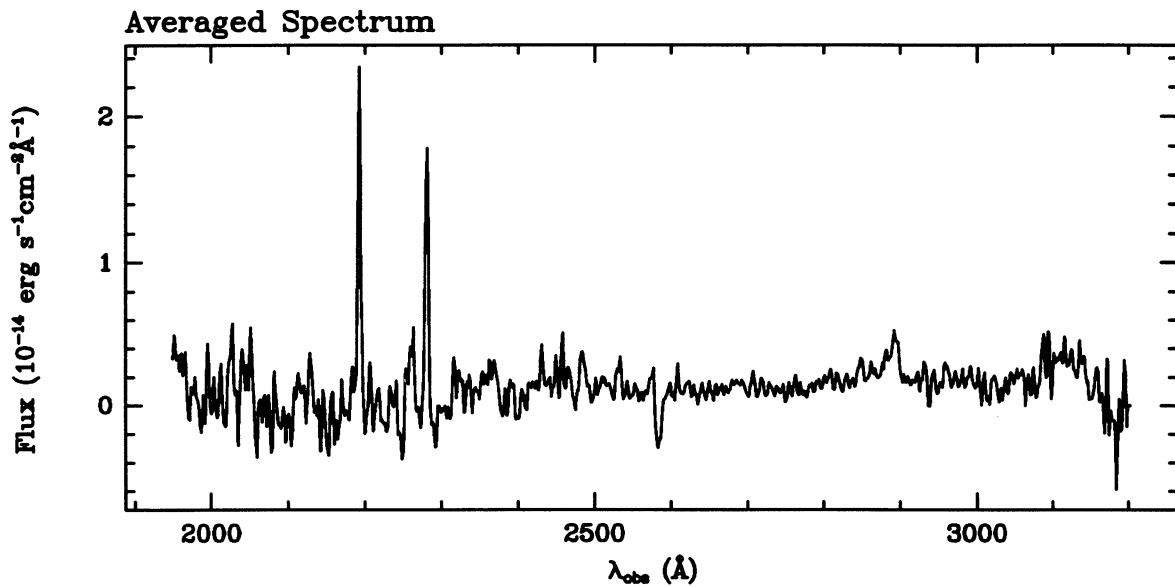
EINSTEIN	272	
EXOSAT	• 141	• 1196

### References

• 224      • 384      • 607      • 662      • 776      • 899

**MRK 915**

Right Ascension	:	22h 34m 07.10s
Declination	:	-12° 48' 15.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	MCG-02-57-0023, IRAS 22340-1248

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	LWR 16964 L	45618.0	10 Oct 83	22620.0				0.09		339

**X-Ray Spectra**

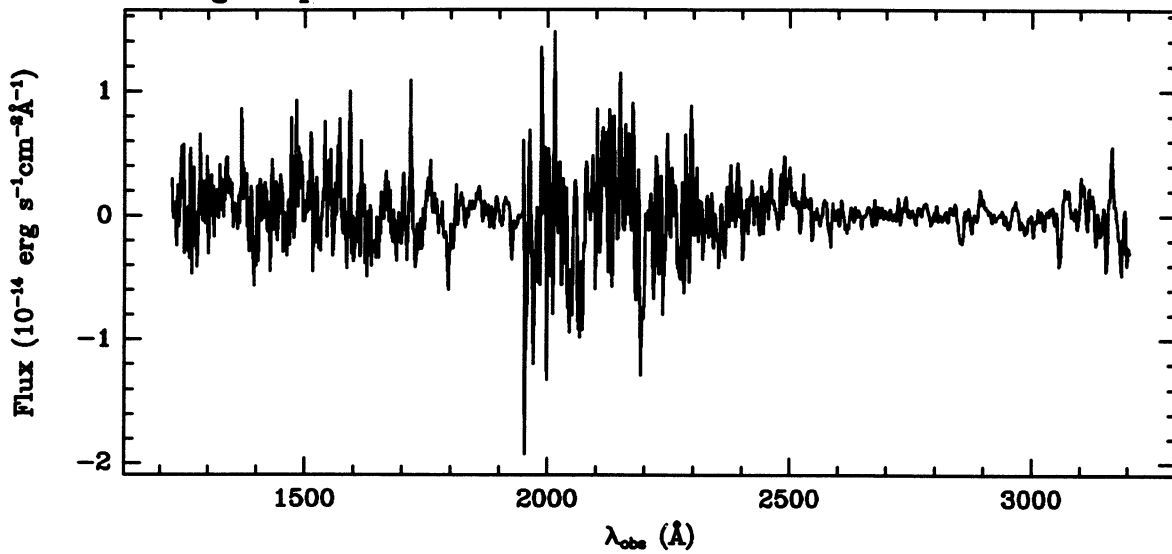
EINSTEIN • 803

**References**

• 135 • 205 • 254 • 335 • 427 • 717

**QSO 2237+074**

Right Ascension	:	22h 37m 46.50s
Declination	:	7° 47' 34.0"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	UGC 12138, MCG+01-57-0016
	:	EQ 2237+077, IRAS 2237+075

**Averaged Spectrum****Observed Spectra**

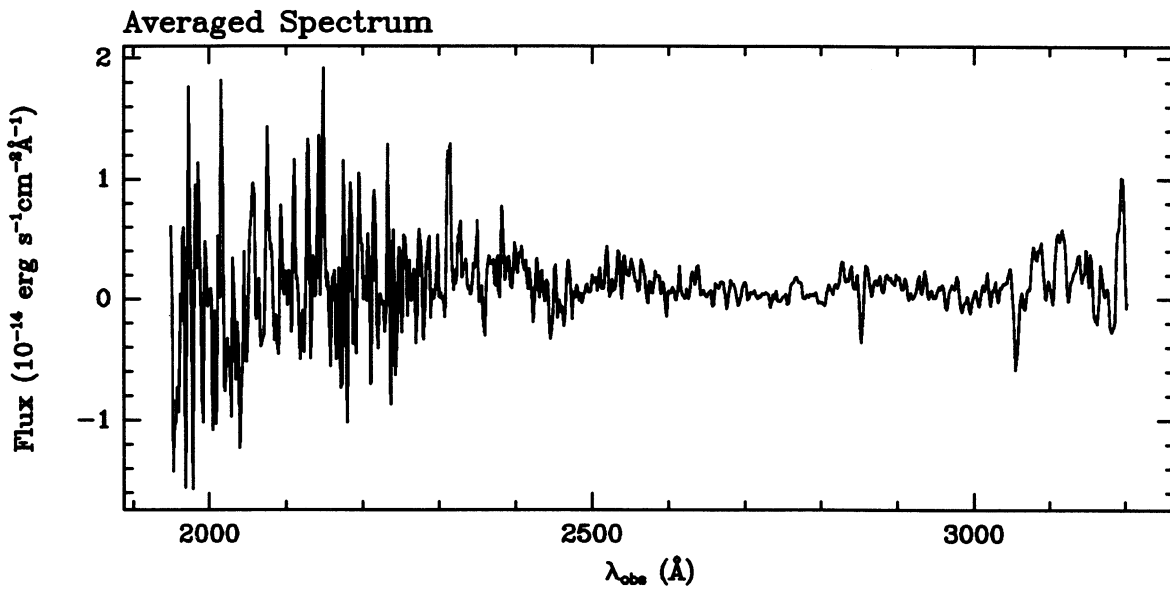
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	LWP 14378 L	47469.0	3 Nov 88	10800.0					06	
2	SWP 34673 L	47469.0	3 Nov 88	13200.0			0.08		04	

**X-Ray Spectra**

EINSTEIN                    • 261                    • 304                    • 980

**QSO 2237+0305**

Right Ascension	:	22h 37m 57.30s
Declination	:	3° 05' 49.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.695
Alternative Names	:	PKS 2237+035, EINSTEIN CROSS



**Observed Spectra**

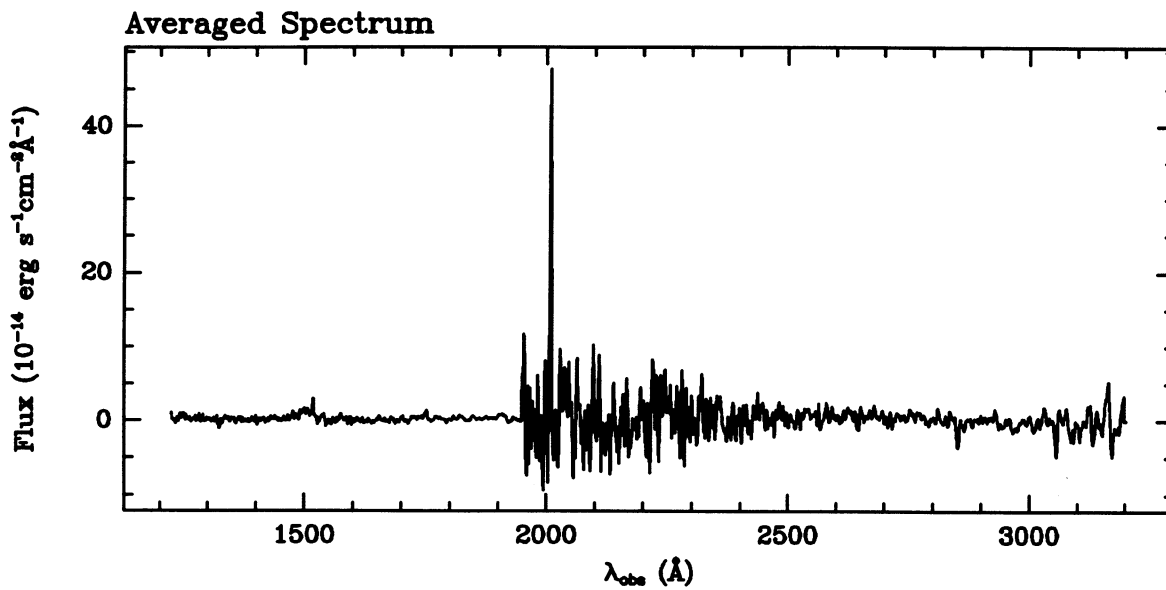
#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP	4954	L	46044.0	9 Dec 84	22500.0				0.03		09

**References**

- 405
- 407
- 803
- 866

**MRK 917**

Right Ascension	:	22h 38m 48.20s
Declination	:	31° 54' 30.0"
Object Type	:	Seyfert 2
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	MCG+05-53-0009, UGC 12149
	:	IRAS 22387+3154, EQ 2238+319

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	LWP 3417 L	45845.0	24 May 84	3600.0	27	30.88	$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$		09	D
2	SWP 23097 L	45845.0	24 May 84	18000.0	25	28.60			0.22	1.27

**X-Ray Spectra**

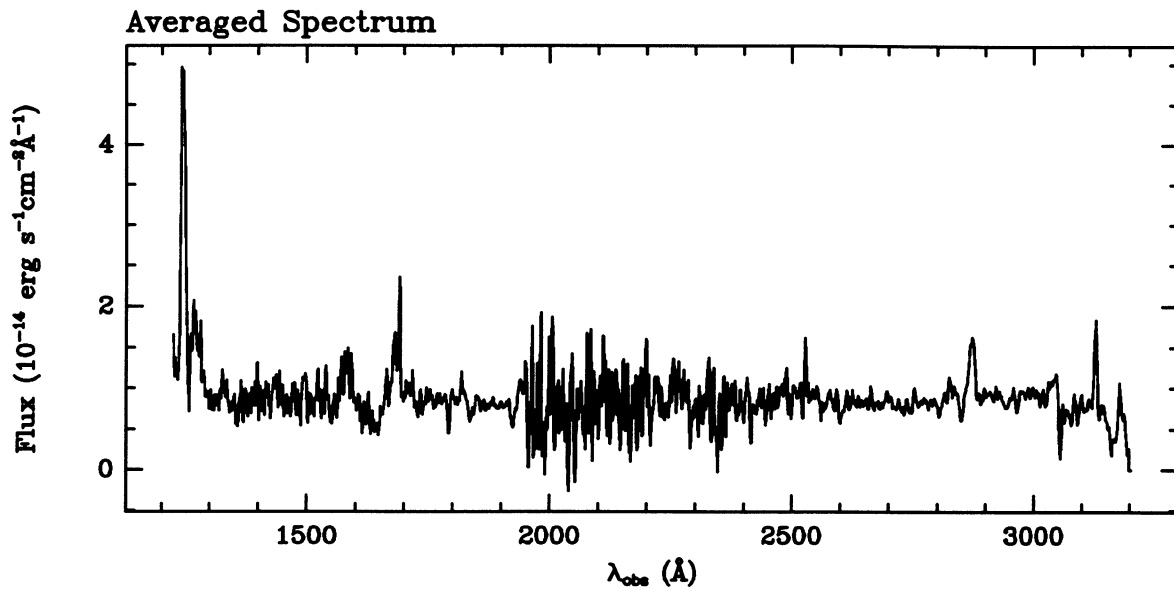
EINSTEIN           • 965                   • 966                   • 967  
EXOSAT             • 1693

**References**

• 205       • 335       • 499       • 620       • 717

**MCG +05-53-0012**

Right Ascension	:	22h 40m 18.31s
Declination	:	29° 27' 47.6"
Object Type	:	Seyfert 1
ULDA Type	:	84
Redshift	:	0.025
Alternative Names	:	UGC 12163, ARK 564

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	SWP 15457 L	44918.0	9 Nov 81	5220.0	29	30.29	1.25		232	
2	SWP 15470 L	44918.0	9 Nov 81	24300.0	26	27.16	1.36		346	
3	SWP 22031 L	45717.0	17 Jan 84	24300.0	29	32.63	1.21		336	
4	LWP 2664 L	45719.0	19 Jan 84	25200.0	31	34.89		0.93	408	D

**X-Ray Spectra**

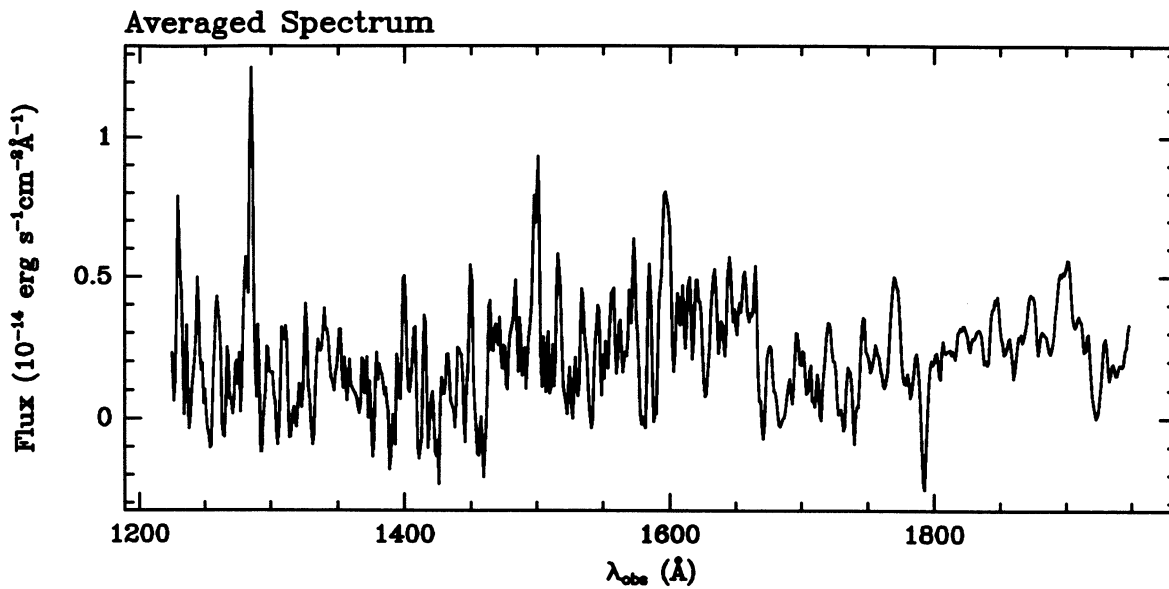
EINSTEIN • 945

**References**

• 151 • 163 • 329 • 335 • 394 • 453 • 654 • 717  
 • 816

**MRK 309**

Right Ascension	:	22h 50m 09.90s
Declination	:	24° 27' 52.0"
Object Type	:	HII Galaxy
ULDA Type	:	88
Redshift	:	0.043
Alternative Names	:	PG 2250+245, ZW IV 121

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1303 Å	2294 Å	CEB	Flag
1	SWP 24383 L	46007.0	2 Nov 84	50400.0	24	28.09	10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>		0.21	309

**References**

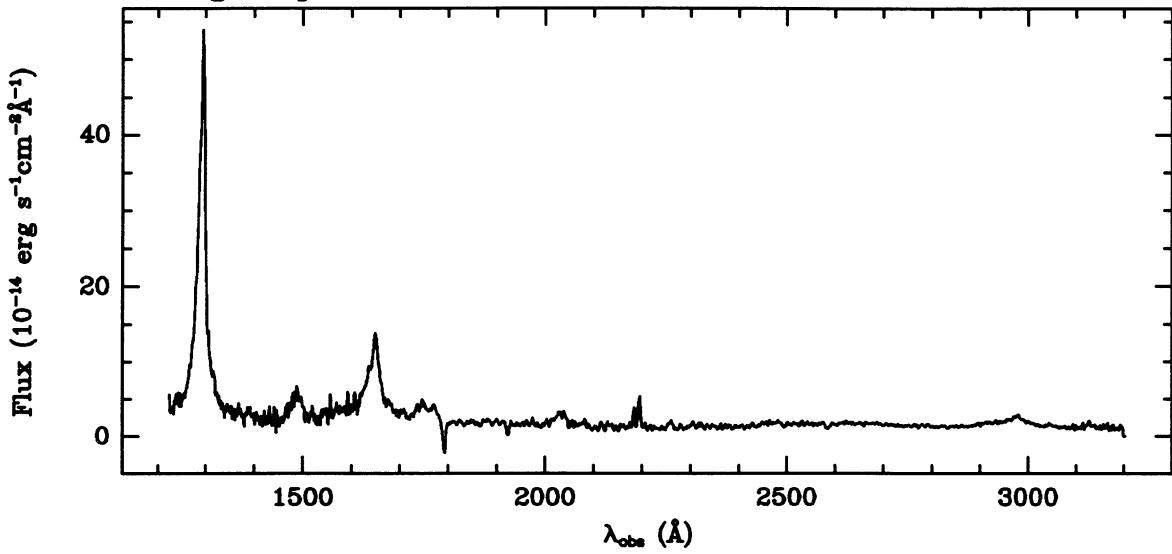
- 149      • 205      • 367      • 593      • 682      • 717



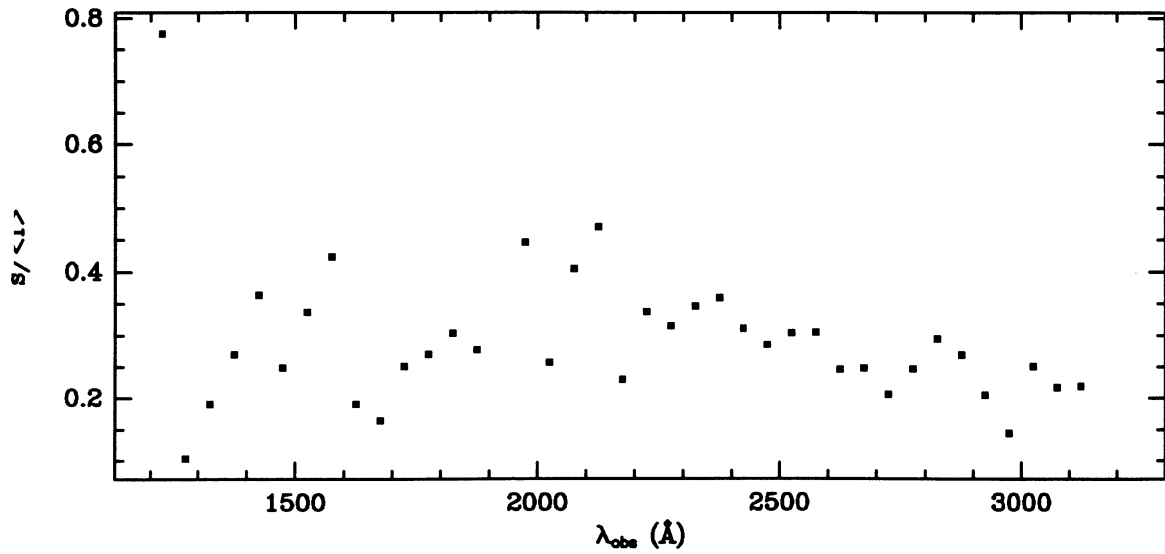
**QSO 2251-178**

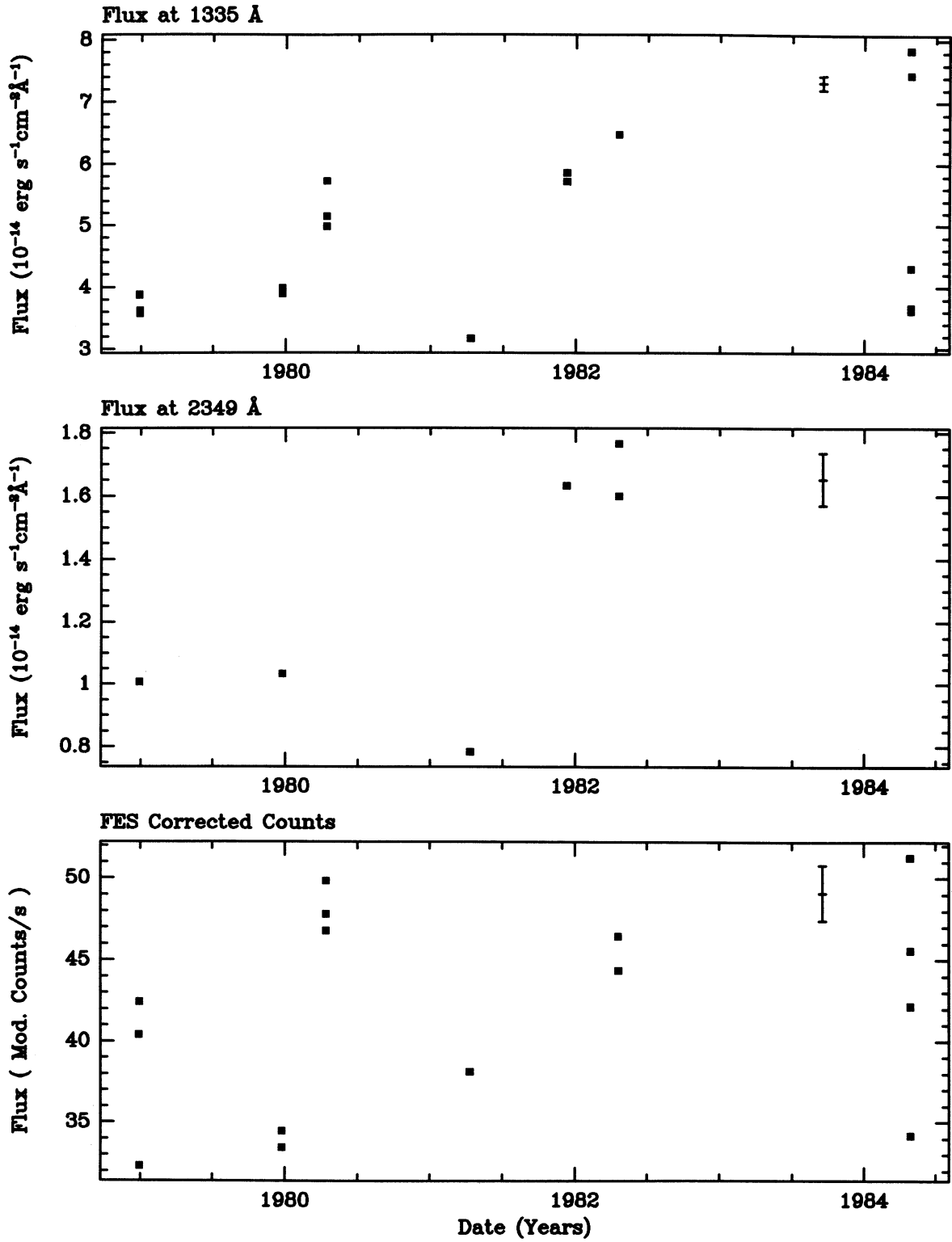
Right Ascension	: 22h 51m 25.89s
Declination	: -17° 50' 54.2"
Object Type	: Quasar S1
ULDA Type	: 84,85
Redshift	: 0.068
Alternative Names	:

**Averaged Spectrum**



**Standard Deviation**





**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code		
				MJD	Civilian		Raw	Corr.	1335 Å	2349 Å	CEB	Flag	
									$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$				
1	LWR	3316	L	43871.0	28 Dec 78	7200.0					1.01		
2	SWP	3730	L	43871.0	28 Dec 78	10800.0	40	40.42	3.88				
3	SWP	3731	L	43872.0	29 Dec 78	3600.0	32	32.34	3.63				
4	SWP	3733	L	43872.0	29 Dec 78	2100.0	42	42.44	3.58				
5	LWR	6470	L	44232.0	24 Dec 79	8999.0	33	33.47		1.03		453	
6	SWP	7485	L	44232.0	24 Dec 79	8999.0	34	34.49	3.89			352	
7	SWP	7486	L	44232.0	24 Dec 79	2099.0			3.99			241	
8	SWP	8748	L	44343.0	13 Apr 80	2400.0	49	49.84	4.98			347	
9	SWP	8749	L	44343.0	13 Apr 80	1800.0	46	46.79	5.14			303	
10	SWP	8750	L	44343.0	13 Apr 80	2100.0	47	47.81	5.72			755	
11	LWR	10346	L	44707.0	12 Apr 81	7200.0	37	38.18		0.79		343	
12	SWP	13707	L	44707.0	12 Apr 81	8100.0	37	38.18	3.17			277	D
13	LWR	12106	L	44948.0	9 Dec 81	4800.0				1.63		343	
14	SWP	15690	L	44948.0	9 Dec 81	2400.0			5.72			250	
15	SWP	15691	L	44948.0	9 Dec 81	15300.0			5.87			471	
16	SWP	16804	L	45080.0	20 Apr 82	2400.0	44	46.49	6.48			351	
17	LWR	13058	L	45081.0	21 Apr 82	6000.0				1.77		443	
18	LWR	13059	L	45081.0	21 Apr 82	3600.0	42	44.38		1.60		303	
19	SWP	22874	L	45819.0	28 Apr 84	1440.0	45	51.29	7.84			339	
20	SWP	22877	L	45820.0	29 Apr 84	2700.0	30	34.20	4.31			355	
21	SWP	22878	L	45820.0	29 Apr 84	1800.0	37	42.18	3.62			338	
22	SWP	22879	L	45820.0	29 Apr 84	1800.0	40	45.60	7.45			339	
23	SWP	22880	L	45820.0	29 Apr 84	1800.0	40	45.60	3.67			348	

**X-Ray Spectra**

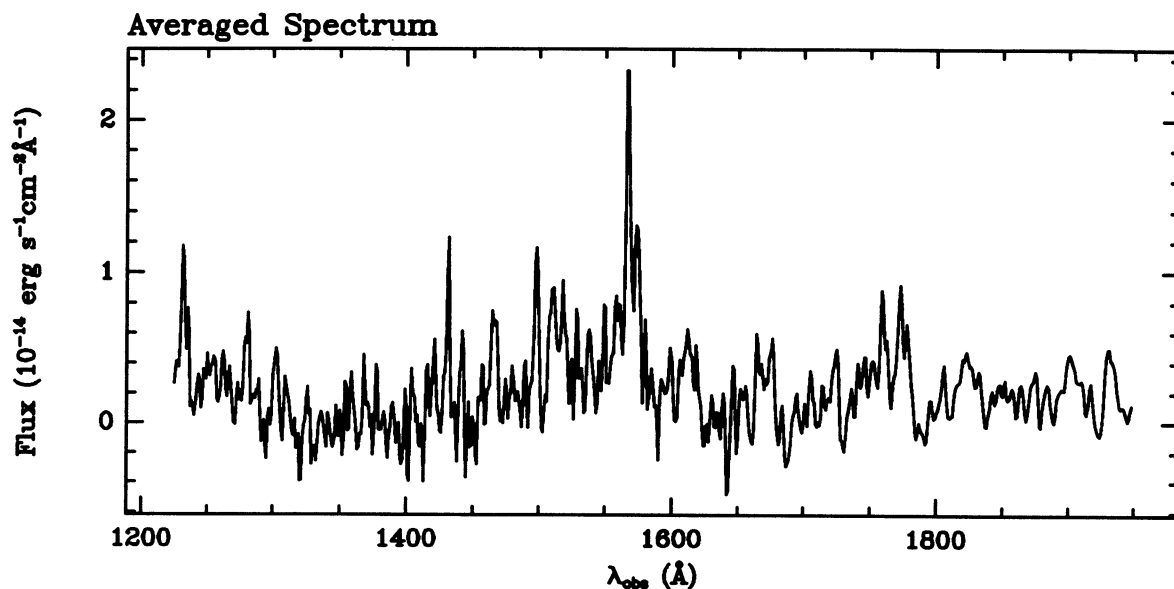
- |          |        |        |        |        |
|----------|--------|--------|--------|--------|
| EINSTEIN | • 255  | • 278  | • 820  |        |
| EXOSAT   | • 215  | • 237  | • 266  | • 298  |
|          | • 329  | • 358  | • 361  | • 394  |
|          | • 420  | • 441  | • 901  | • 1135 |
|          | • 1157 | • 1175 | • 1197 | • 1221 |
|          | • 1242 |        |        |        |

**References**

- |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| • 227 | • 284 | • 296 | • 402 | • 406 | • 474 | • 510 | • 634 |
| • 665 | • 675 | • 694 | • 723 | • 776 | • 879 | • 892 |       |

**QSO 2251+158**

Right Ascension	: 22h 51m 29.60s
Declination	: 15° 52' 03.8"
Object Type	: Quasar HP
ULDA Type	: 85
Redshift	: 0.859
Alternative Names	: 3C 454.3, 4C 15.76, PKS 2251+158
	: OY 185, NRAO 701, 1E 2251.5+1553

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2323 $\text{\AA}$	3000 $\text{\AA}$	CEB	Flag
1	SWP 31228 L	46969.0	22 Jun 87	20400.0			$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{\AA}^{-1}$		337	

**X-Ray Spectra**

EINSTEIN            • 294                            • 951                            • 952                            • 969

EXOSAT             • 859

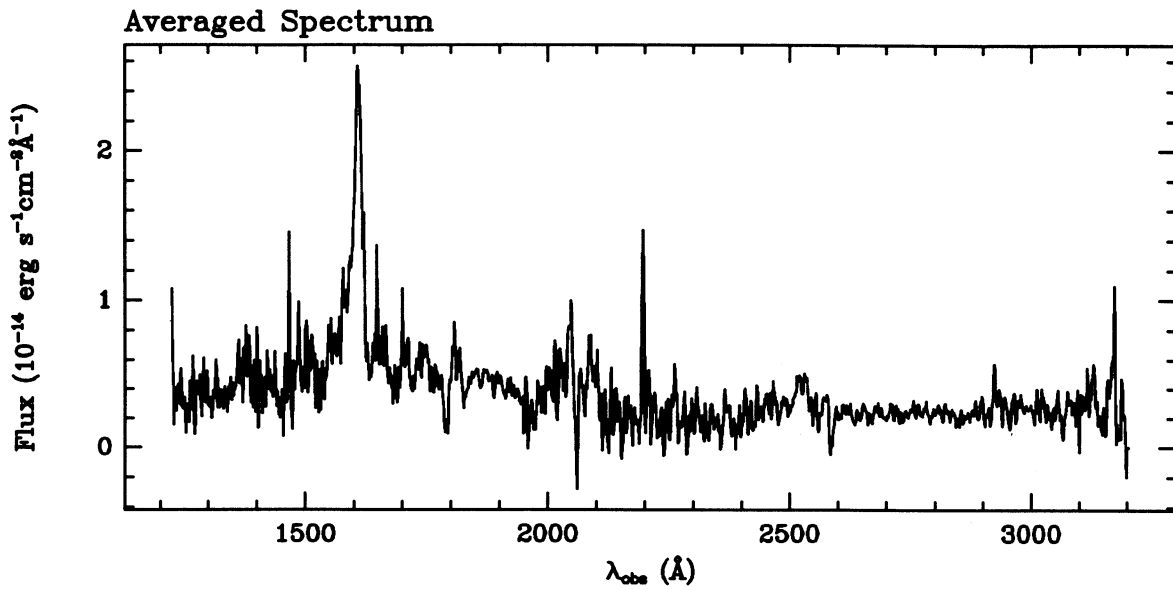
**References**

• 14      • 68      • 69      • 85      • 156      • 282      • 287      • 288

• 302    • 527    • 564    • 590    • 684    • 711    • 796    • 804

**QSO 2251+113**

Right Ascension	:	22h 51m 40.55s
Declination	:	11° 20' 38.7"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.323
Alternative Names	:	PKS 2251+113, 4C 11.72

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1653 Å	2910 Å	CEB	Flag
1	SWP 3212 L	43815.0	2 Nov 78	25200.0			0.61			
2	LWR 16943 L	45615.0	7 Oct 83	24300.0				0.32		305
3	LWR 16969 L	45619.0	11 Oct 83	23700.0				0.26		307
4	SWP 21283 L	45620.0	12 Oct 83	25200.0			0.69			346

**X-Ray Spectra**

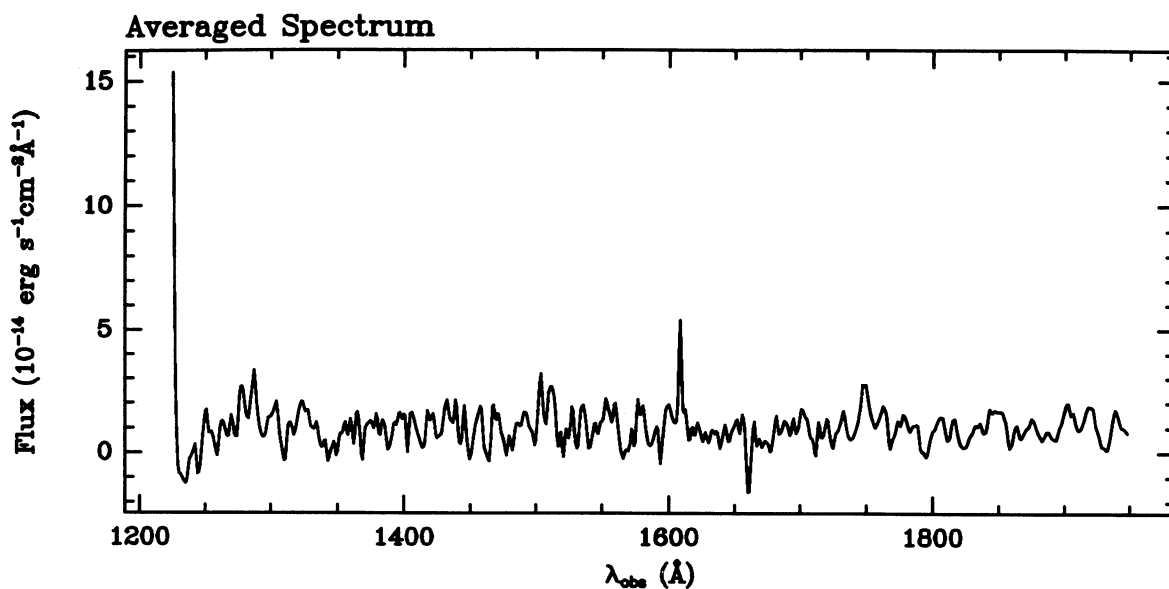
EINSTEIN                    • 577                    • 968                    • 1160                    • 1161

**References**

• 9            • 14            • 85            • 153            • 284            • 302            • 406            • 423  
 • 504            • 590            • 598            • 603            • 729            • 730            • 776            • 801  
 • 804            • 830            • 842            • 879            • 895

## NGC 7465

Right Ascension	: 22h 59m 31.80s
Declination	: 15° 41' 47.0"
Object Type	: Seyfert 2
ULDA Type	: 88
Redshift	: 0.006
Alternative Names	: UGC 12317, MCG+03-58-0024, MRK 313
	: PG 2259+157, IRAS 22590+1541



## Observed Spectra

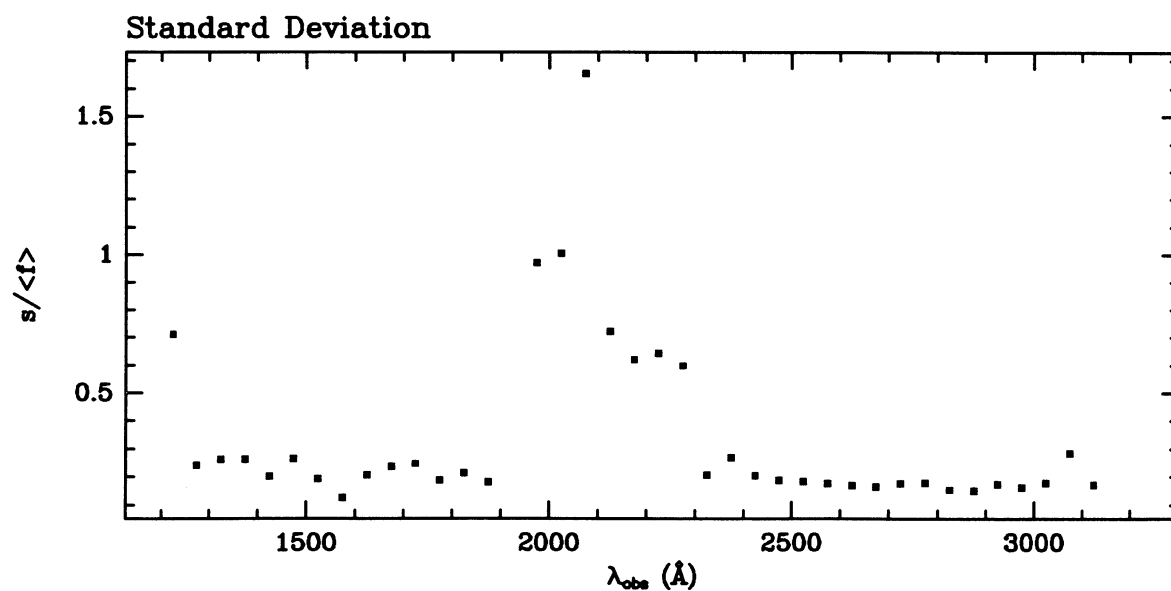
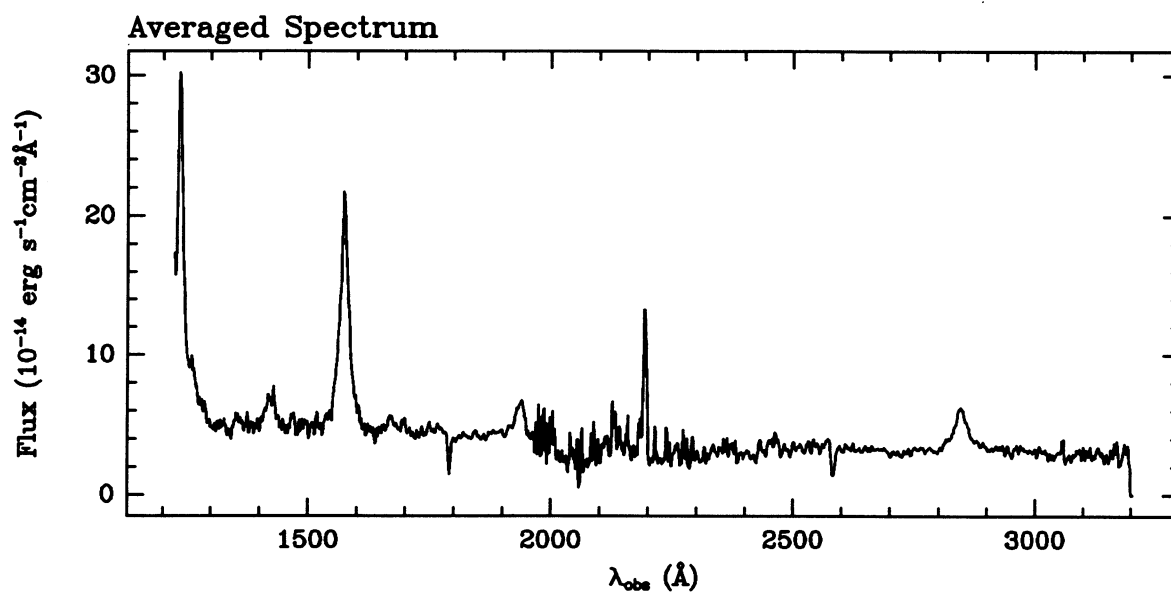
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1257 Å	2213 Å	CEB	Flag
1	SWP 1744 L	43668.0	8 Jun 78	2160.0	80	80.94	$10^{-14}$ erg $s^{-1}$ $cm^{-2}$ $\text{Å}^{-1}$			

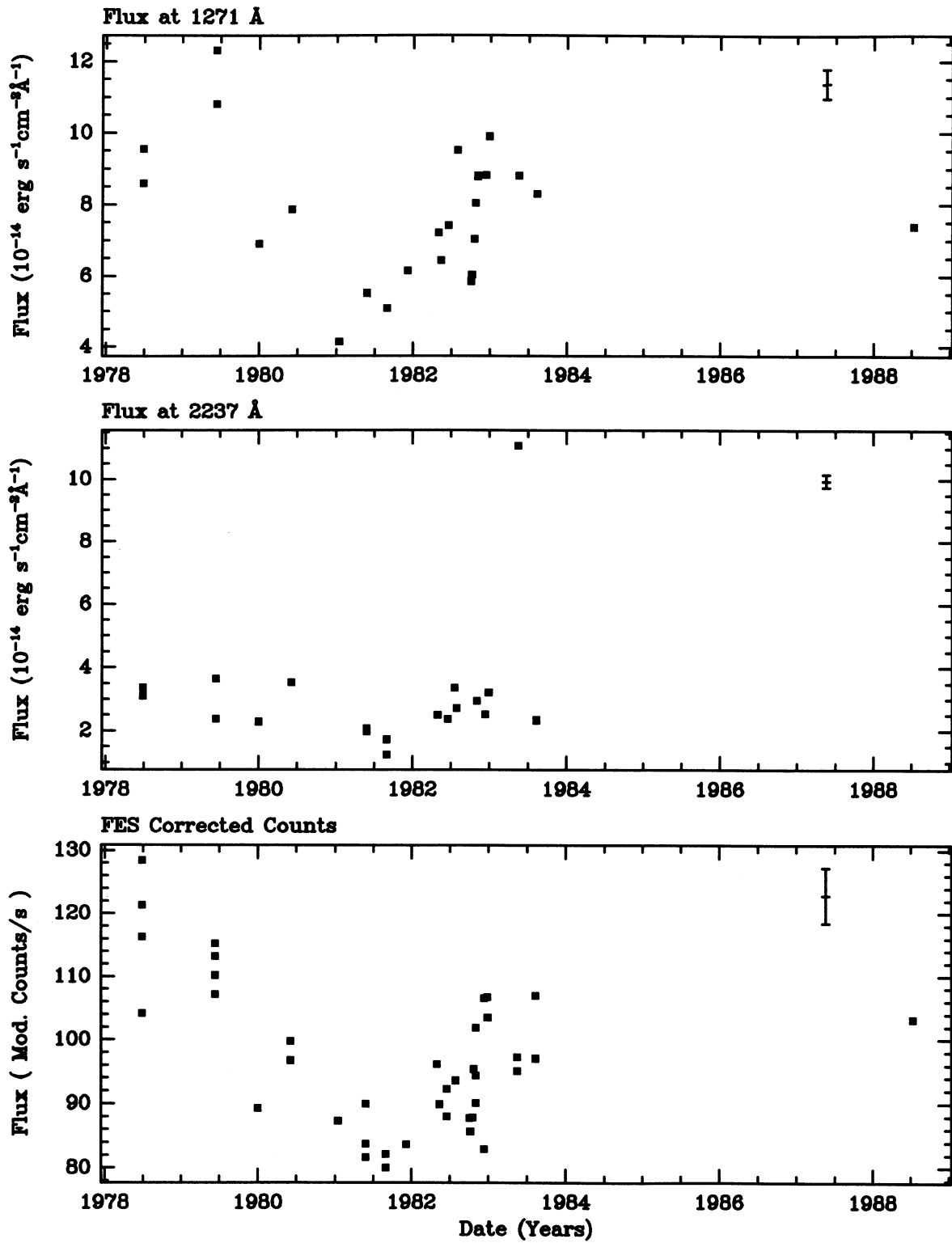
## References

- 671

**NGC 7469**

Right Ascension	: 23h 00m 44.20s
Declination	: 8° 36' 15.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.017
Alternative Names	: UGC 12332, MCG+01-58-0025, 4U 2300+08, H 2301+08.6
	: IRAS 2300+086P15, 2A 2259+085, EQ 2300+086







Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code		
		MJD	Civilian		Raw	Corr.	1271 Å	2237 Å	CEB	Flag	
					cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$				
1	LWR 1680	S	43676.0	16 Jun 78	7200.0						
2	SWP 1798	S	43677.0	17 Jun 78	12600.0						
3	LWR 1747	L	43689.0	29 Jun 78	1800.0	115	116.32		3.36		
4	LWR 1748	L	43689.0	29 Jun 78	2400.0	120	121.38		3.11		
5	SWP 1879	L	43689.0	29 Jun 78	1200.0	103	104.19	8.59			
6	SWP 1880	L	43689.0	29 Jun 78	1800.0	127	128.46	9.55			
7	LWR 4766	L	44037.0	12 Jun 79	2699.0	106	107.20		3.65	4x9	
8	LWR 4767	L	44037.0	12 Jun 79	2399.0	109	110.23		2.38	4x7	
9	SWP 5498	L	44037.0	12 Jun 79	2099.0	114	115.29	10.82		339	
10	SWP 5499	L	44037.0	12 Jun 79	2579.0	112	113.26	12.32		339	
11	LWR 6502	L	44239.0	31 Dec 79	7020.0				2.29	442	
12	SWP 7511	L	44239.0	31 Dec 79	11160.0	88	89.28	6.90		345	
13	LWR 7960	L	44396.0	5 Jun 80	3600.0	98	99.84		3.53	454	
14	LWR 7960	S	44396.0	5 Jun 80	3600.0					454	
15	SWP 9197	L	44396.0	5 Jun 80	3600.0	95	96.79	7.86		335	
16	SWP 9197	S	44396.0	5 Jun 80	3600.0					335	
17	SWP 11062	L	44621.0	16 Jan 81	5400.0	85	87.35	4.14		344	
18	LWR 10732	L	44753.0	28 May 81	3600.0	79	81.72		2.09	452	
19	LWR 10733	L	44753.0	28 May 81	5400.0				1.99	464	
20	SWP 14094	L	44753.0	28 May 81	6000.0	87	90.00	5.50		351	
21	SWP 14095	L	44753.0	28 May 81	8340.0	81	83.79	5.52		351	
22	LWR 11448	L	44848.0	31 Aug 81	4380.0				1.73	353	
23	LWR 11449	L	44848.0	31 Aug 81	4080.0	79	82.17		1.25	343	
24	SWP 14870	L	44848.0	31 Aug 81	8400.0	77	80.09	5.08		361	
25	SWP 15687	L	44948.0	9 Dec 81	3600.0	80	83.74	6.15		332	
26	LWR 13124	L	45091.0	1 May 82	1380.0				2.51	333	
27	SWP 16886	L	45093.0	3 May 82	4800.0	91	96.25	7.20		341	
28	SWP 16956	L	45104.0	14 May 82	2700.0	85	89.98	6.44		331	
29	LWR 13515	L	45139.0	18 Jun 82	3600.0	87	92.35		2.38	344	
30	SWP 17250	L	45139.0	18 Jun 82	7200.0	83	88.10	7.41		451	
31	SWP 17250	S	45139.0	18 Jun 82	1200.0					221	
32	LWR 13715	L	45170.0	19 Jul 82	3240.0				3.37	339	
33	LWR 13800	L	45180.0	29 Jul 82	4500.0				2.73	454	
34	SWP 17520	L	45180.0	29 Jul 82	7200.0	88	93.72	9.51		352	
35	SWP 18201	L	45247.0	4 Oct 82	3600.0	82	87.83	5.85		336	
36	SWP 18239	L	45251.0	8 Oct 82	3600.0	80	85.72	6.03		332	
37	SWP 18335	L	45263.0	20 Oct 82	3600.0	82	87.95	7.04		333	
38	SWP 18380	L	45267.0	24 Oct 82	3600.0	89	95.49	8.03		335	
39	LWR 14550	L	45276.0	2 Nov 82	1800.0	84	90.20		2.97	343	
40	SWP 18456	L	45276.0	2 Nov 82	2400.0	95	102.01	8.80		330	
41	SWP 18459	L	45277.0	3 Nov 82	3600.0	88	94.51	8.77		341	
42	LWR 14824	L	45316.0	12 Dec 82	3600.0	99	106.70		2.53	453	
43	SWP 18783	L	45316.0	12 Dec 82	6000.0	77	82.99	8.81		531	
44	SWP 18902	L	45331.0	27 Dec 82	6300.0	99	106.84	9.89		333	
45	LWR 14937	L	45332.0	28 Dec 82	3600.0	96	103.62		3.23	332	
46	LWP 1872	L	45472.0	17 May 83	2100.0	89	97.40		11.08	346	D
47	SWP 20011	L	45472.0	17 May 83	3600.0	87	95.21	8.80		332	
48	LWR 16568	L	45557.0	10 Aug 83	5700.0				2.33	564	
49	LWR 16569	L	45557.0	10 Aug 83	9000.0	97	107.12		2.36	575	
50	SWP 20659	L	45557.0	10 Aug 83	9000.0	88	97.19	8.29		351	
51	SWP 33906	L	47356.0	13 Jul 88	3600.0	65	103.23	7.40			

X-Ray Spectra

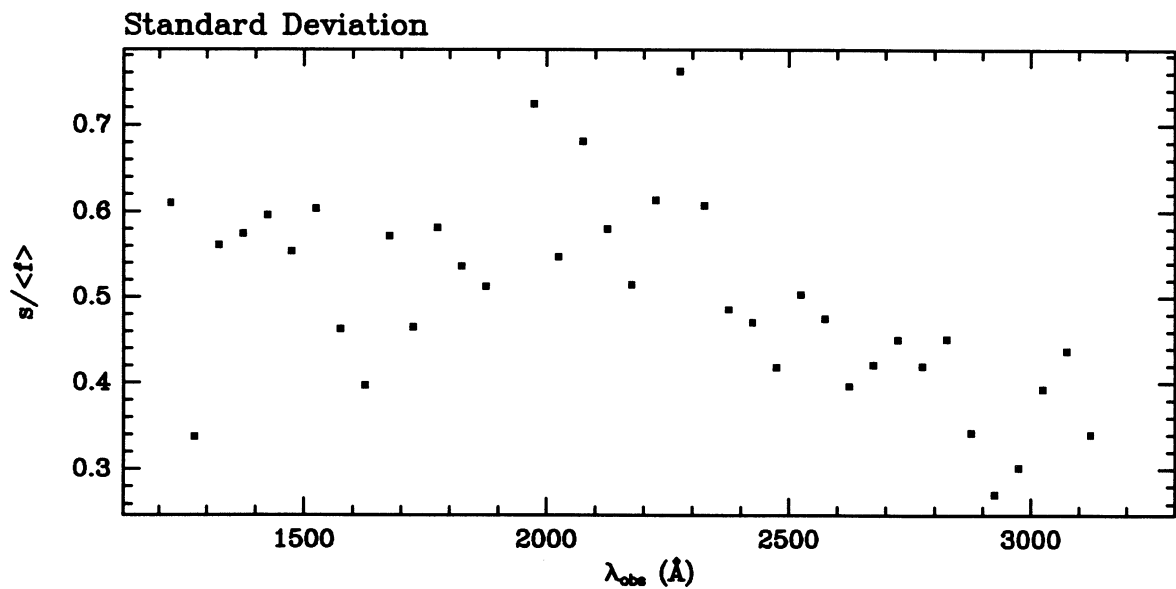
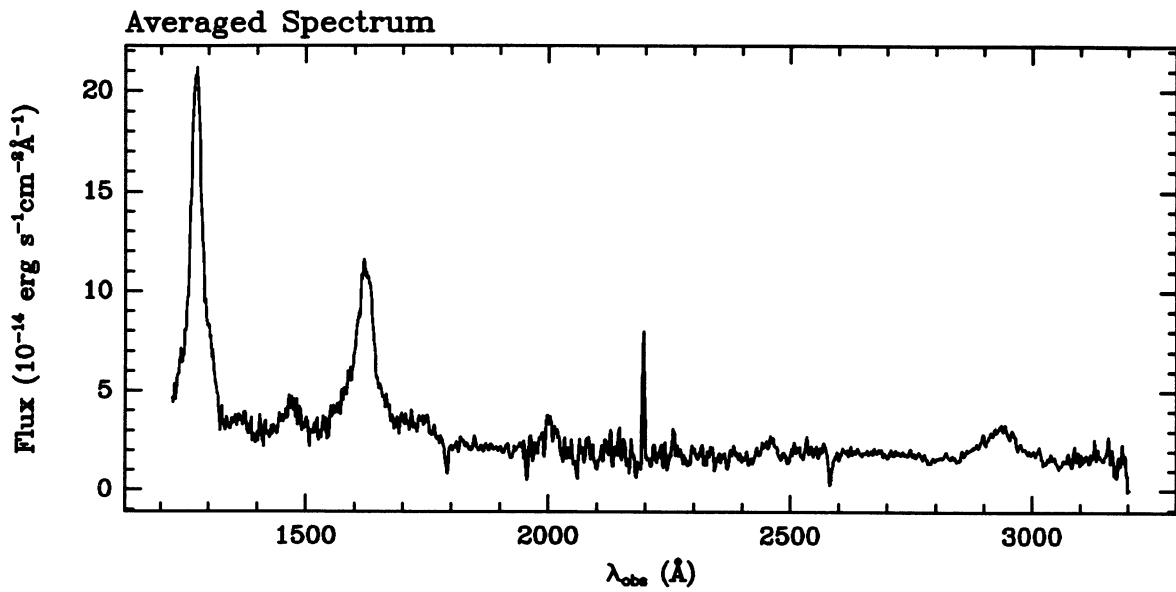
- |          |        |        |       |       |
|----------|--------|--------|-------|-------|
| EINSTEIN | • 273  | • 280  | • 975 | • 976 |
|          | • 1156 | • 1200 |       |       |
| EXOSAT   | • 293  | • 882  | • 889 | • 895 |
|          | • 900  | • 1243 |       |       |

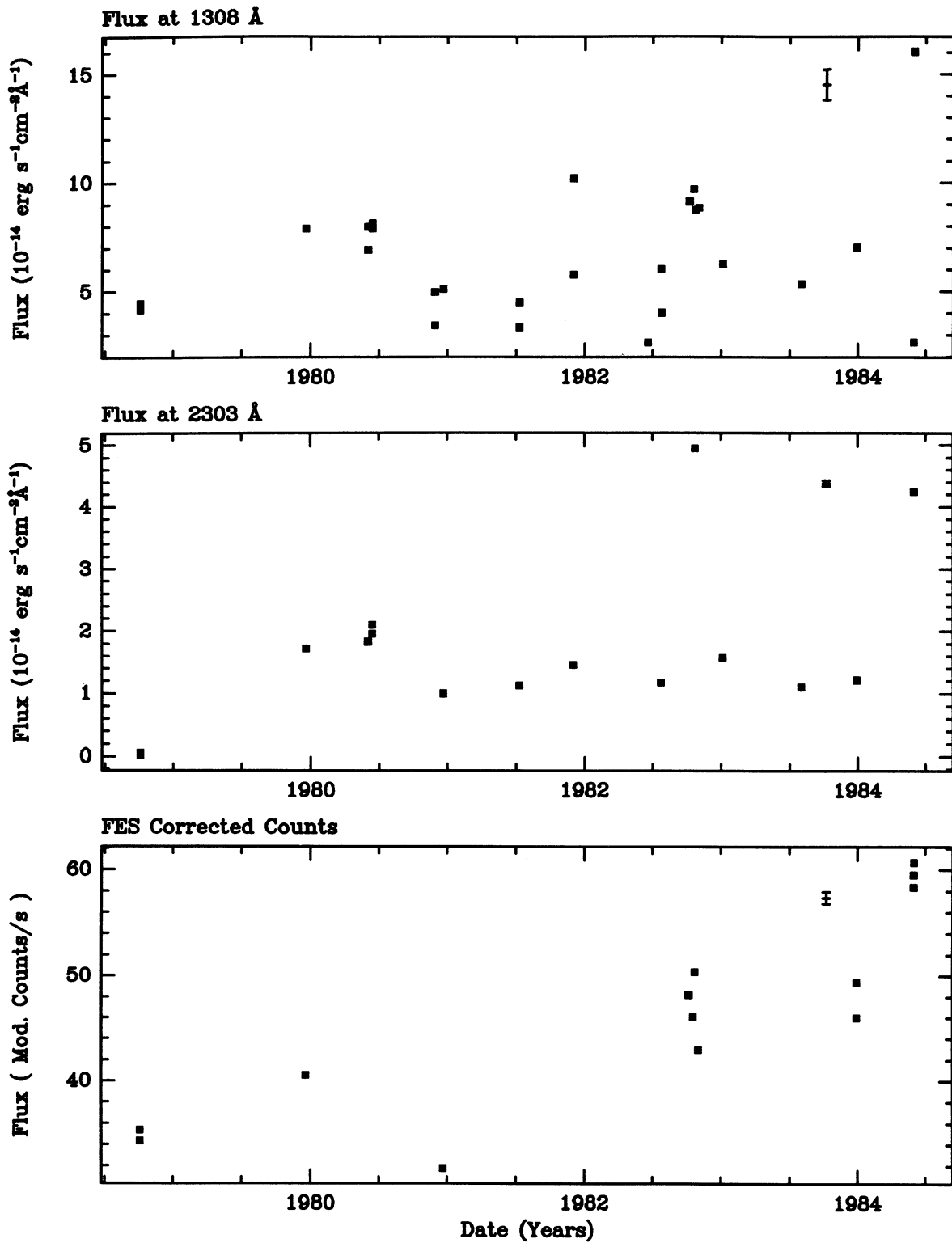
**References**

- 8
- 94
- 158
- 315
- 459
- 642
- 804
- 890
- 26
- 99
- 177
- 320
- 521
- 662
- 816
- 896
- 44
- 100
- 179
- 335
- 524
- 663
- 836
- 898
- 56
- 121
- 206
- 359
- 555
- 666
- 841
- 57
- 124
- 261
- 394
- 561
- 717
- 845
- 81
- 136
- 264
- 398
- 581
- 737
- 853
- 82
- 143
- 284
- 434
- 593
- 775
- 883
- 85
- 145
- 296
- 443
- 607
- 776
- 888

**MRK 926**

Right Ascension	: 23h 02m 07.10s
Declination	: - 8° 57' 20.0"
Object Type	: Quasar S1
ULDA Type	: 84
Redshift	: 0.047
Alternative Names	: MCG-02-58-0022, QSO 2302-089





## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1308 Å	2303 Å	CEB	Flag
							cts/s		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ Å}^{-1}$			
1	LWR	2534	L	43786.0	4 Oct 78	4200.0				0.02		
2	LWR	2535	L	43786.0	4 Oct 78	3000.0	34	34.36		0.06		
3	SWP	2850	L	43786.0	4 Oct 78	2100.0	35	35.37	4.45			
4	SWP	2851	L	43786.0	4 Oct 78	3600.0	35	35.37	4.19			
5	LWR	6432	L	44227.0	19 Dec 79	10800.0	40	40.57		1.73	444	
6	SWP	7440	L	44227.0	19 Dec 79	11700.0	40	40.57	7.89		353	
7	LWR	7925	L	44393.0	2 Jun 80	4500.0				1.84	313	
8	SWP	9177	L	44393.0	2 Jun 80	11700.0			7.96		552	
9	SWP	9178	L	44393.0	2 Jun 80	3660.0			6.92		341	
10	LWR	8030	L	44405.0	14 Jun 80	2400.0				2.11	333	
11	LWR	8031	L	44405.0	14 Jun 80	2400.0				1.97	333	
12	SWP	9277	L	44405.0	14 Jun 80	3600.0			7.90		351	
13	SWP	9278	L	44405.0	14 Jun 80	3600.0			8.13		351	
14	SWP	10697	L	44572.0	28 Nov 80	1680.0			4.96		231	
15	SWP	10706	L	44573.0	29 Nov 80	3600.0			3.45		341	
16	LWR	9548	L	44595.0	21 Dec 80	3600.0	31	31.82		1.00	332	
17	SWP	10856	L	44595.0	21 Dec 80	3600.0	31	31.82	5.11		341	
18	LWR	11051	L	44797.0	11 Jul 81	2700.0				1.13	303	
19	SWP	14451	L	44797.0	11 Jul 81	3600.0			3.36		341	
20	SWP	14452	L	44797.0	11 Jul 81	3600.0			4.50		341	
21	LWR	12070	L	44941.0	2 Dec 81	3600.0				1.47	331	
22	SWP	15621	L	44941.0	2 Dec 81	3600.0			10.20		341	
23	SWP	15622	L	44941.0	2 Dec 81	3600.0			5.77		341	
24	SWP	17266	L	45141.0	20 Jun 82	3240.0			2.65		231	
25	LWR	13775	L	45176.0	25 Jul 82	12600.0				1.18	605	
26	SWP	17489	L	45176.0	25 Jul 82	7200.0			6.04		351	
27	SWP	17490	L	45177.0	26 Jul 82	2160.0			4.03		230	
28	SWP	18240	L	45251.0	8 Oct 82	4500.0	45	48.22	9.14		347	
29	SWP	18336	L	45263.0	20 Oct 82	3600.0	43	46.12	9.70		338	
30	LWR	14474	L	45267.0	24 Oct 82	1020.0				4.95	303	
31	SWP	18381	L	45267.0	24 Oct 82	660.0	47	50.43	8.75		223	
32	SWP	18458	L	45277.0	3 Nov 82	3600.0	40	42.96	8.83		332	
33	LWR	15001	L	45340.0	5 Jan 83	5400.0				1.58	334	
34	SWP	18952	L	45340.0	5 Jan 83	5880.0			6.26		350	
35	LWR	16499	L	45549.0	2 Aug 83	4200.0				1.11	302	
36	SWP	20580	L	45549.0	2 Aug 83	4800.0			5.35		331	
37	LWP	2521	L	45698.0	29 Dec 83	4200.0	44	49.39		1.22	409	D
38	SWP	21903	L	45698.0	29 Dec 83	4500.0	41	46.03	7.04		344	
39	SWP	23142	L	45852.0	31 May 84	3600.0			2.68		330	
40	LWP	3473	L	45853.0	1 Jun 84	3600.0	52	59.54		4.25	553	D
41	SWP	23143	L	45853.0	1 Jun 84	5400.0	51	58.40	16.06		351	
42	SWP	23148	L	45854.0	2 Jun 84	5400.0	53	60.70	16.05		451	

## X-Ray Spectra

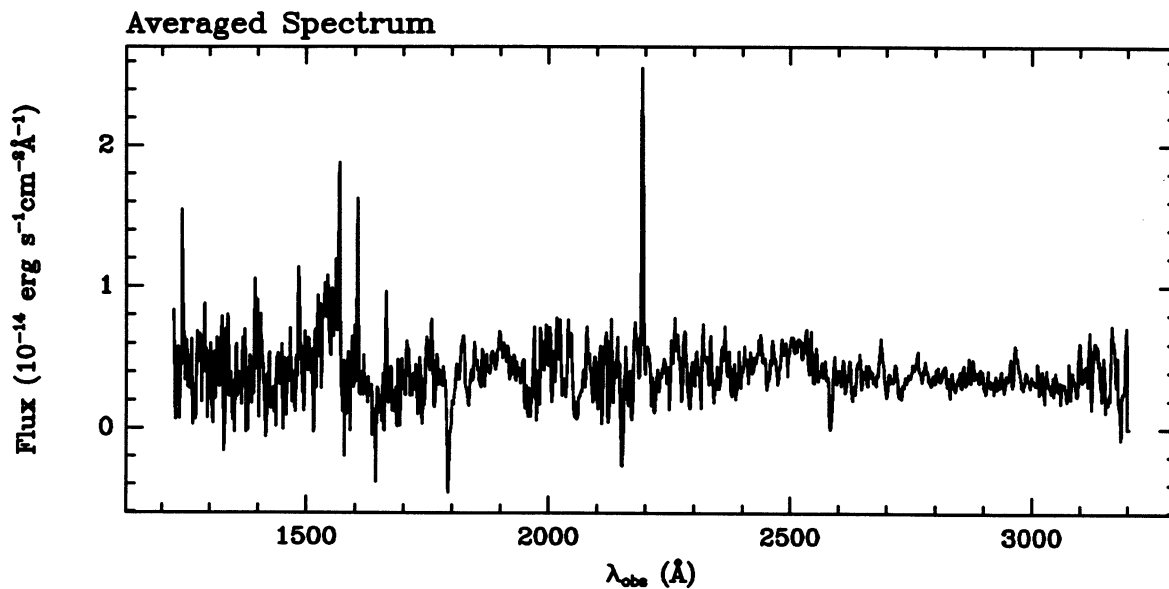
EINSTEIN	• 28	• 587		
EXOSAT	• 299	• 1211	• 1216	• 1222
	• 1226	• 1234	• 1241	

## References

• 19	• 26	• 57	• 82	• 85	• 146	• 151	• 158
• 179	• 296	• 320	• 347	• 359	• 394	• 488	• 593
• 662	• 717	• 724	• 816	• 841			

**PG 2302+029**

Right Ascension	:	23h 02m 12.00s
Declination	:	2° 55' 34.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	1.044
Alternative Names	:	PB 5235, QSO 2302+029

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	2555 Å	3000 Å	CEB	Flag
1	LWR 11056 L	44799.0	13 Jul 81	24600.0			0.45	0.33	406	
2	SWP 17077 L	45121.0	31 May 82	17820.0					307	

**X-Ray Spectra**

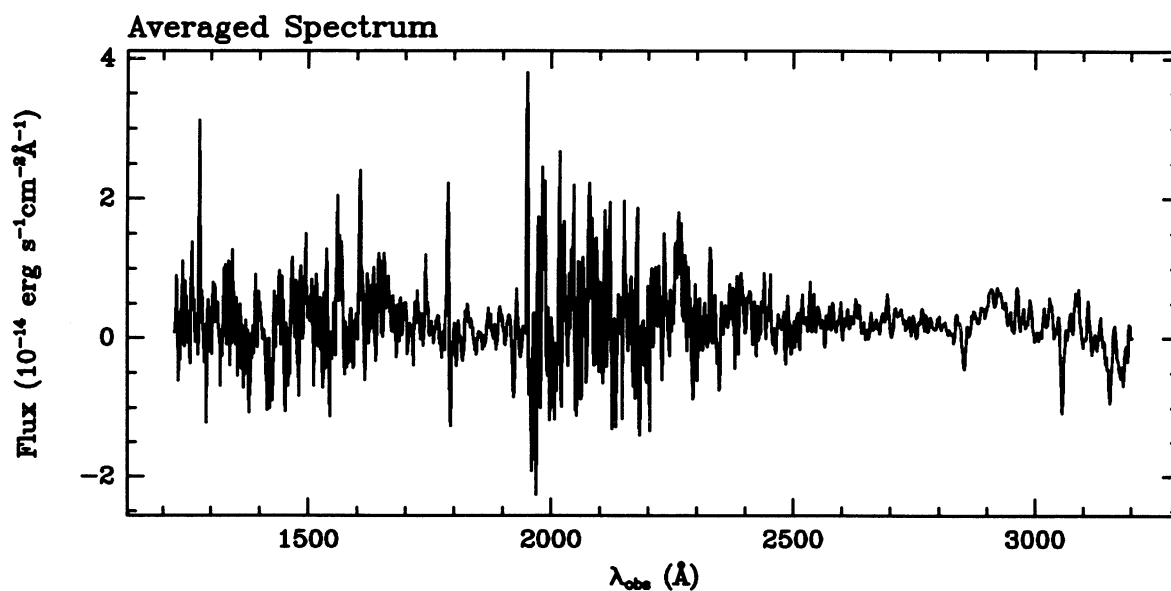
EINSTEIN                    • 581                    • 1202

**References**

• 312      • 487      • 600      • 621      • 701      • 729      • 801      • 832  
 • 842      • 858

**PG 2304+042**

Right Ascension	:	23h 04m 30.10s
Declination	:	4° 16' 41.0"
Object Type	:	Seyfert 1
ULDA Type	:	84,85
Redshift	:	0.042
Alternative Names	:	PB 5250, QSO 2304+042

**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1302 Å	2292 Å	CEB	Flag
1	LWP 6542 L	46279.0	1 Aug 85	7200.0					336	D
2	SWP 27193 L	46400.0	30 Nov 85	14400.0			0.18	0.26	09	

**X-Ray Spectra**

EINSTEIN • 1149

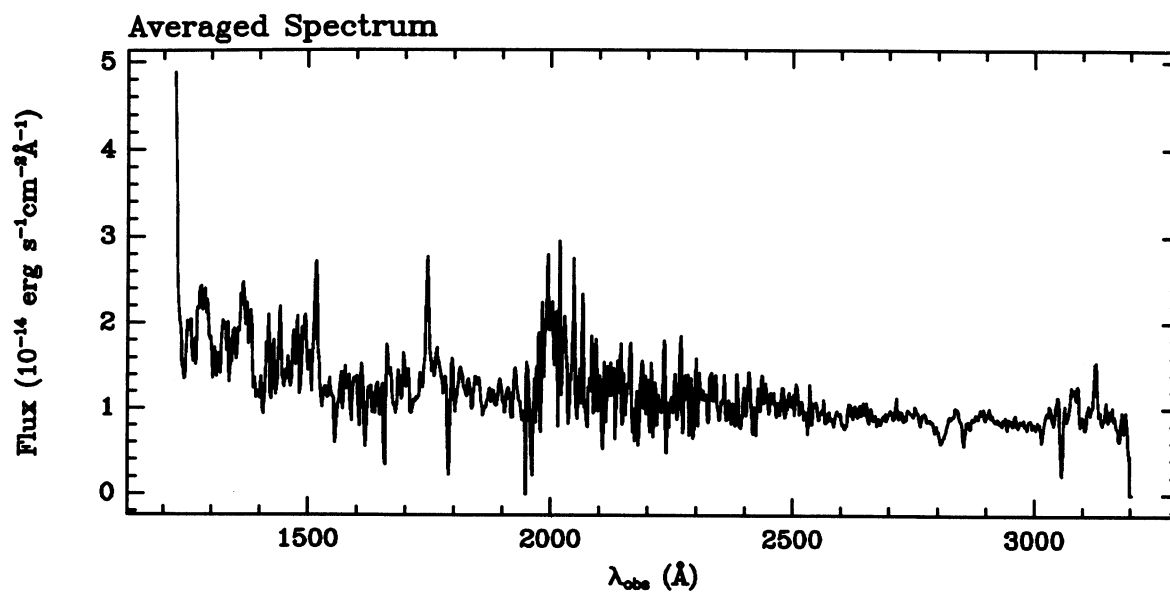
EXOSAT • 1908

**References**

• 776

## NGC 7496

Right Ascension	: 23h 06m 59.00s
Declination	: -43° 42' 00.0"
Object Type	: Seyfert 2
ULDA Type	: 84
Redshift	: 0.005
Alternative Names	: MCG-07-47-0020, ESO 291- 1
	: IRAS 23069-4341, EQ 2306-436



## Observed Spectra

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	SWP 5188 L	44004.0	10 May 79	23160.0			1.88		30	
2	LWP 11074 L	46970.0	23 Jun 87	24900.0	36	51.06		1.16	604	D

## X-Ray Spectra

- EINSTEIN           • 248
- EXOSAT            • 847

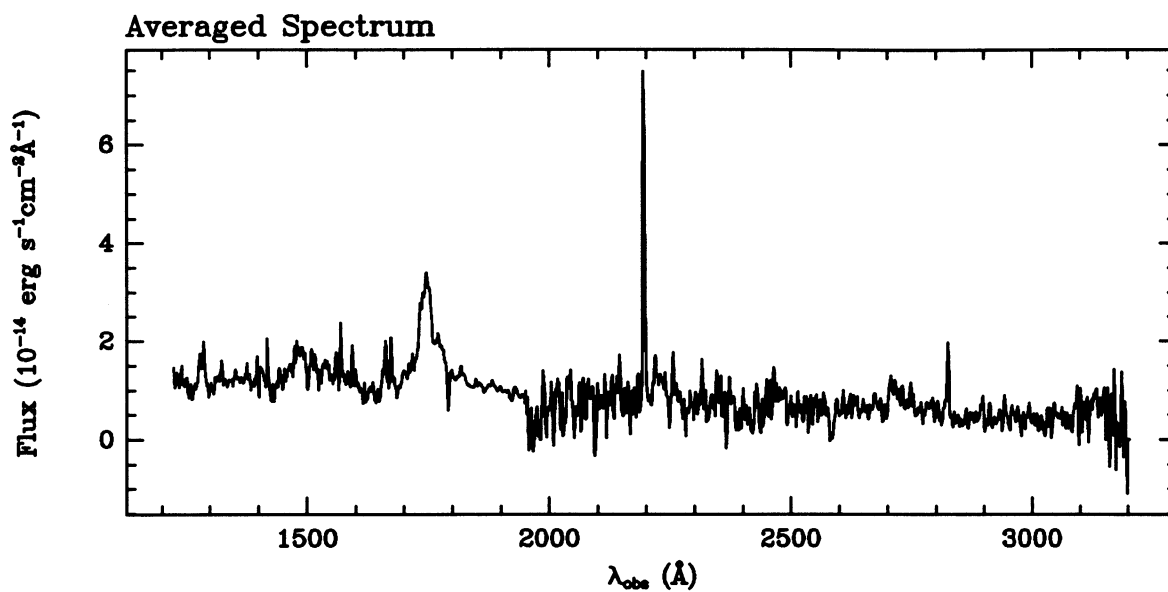
## References

- 582           • 775



**QSO 2308+098**

Right Ascension	:	23h 08m 47.20s
Declination	:	9° 51' 56.0"
Object Type	:	Quasar
ULDA Type	:	85
Redshift	:	0.432
Alternative Names	:	4C 9.72, PG 2308+098

**Observed Spectra**

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	1790 Å	3000 Å	CEB	Flag
											10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>	
1	LWR	8469	L	44461.0	9 Aug 80	7200.0						302
2	SWP	9743	L	44461.0	9 Aug 80	15000.0			1.16	0.38		333
3	SWP	10312	L	44521.0	8 Oct 80	25200.0			2.06			348
4	SWP	16945	L	45102.0	12 May 82	23280.0			1.25			352

**X-Ray Spectra**

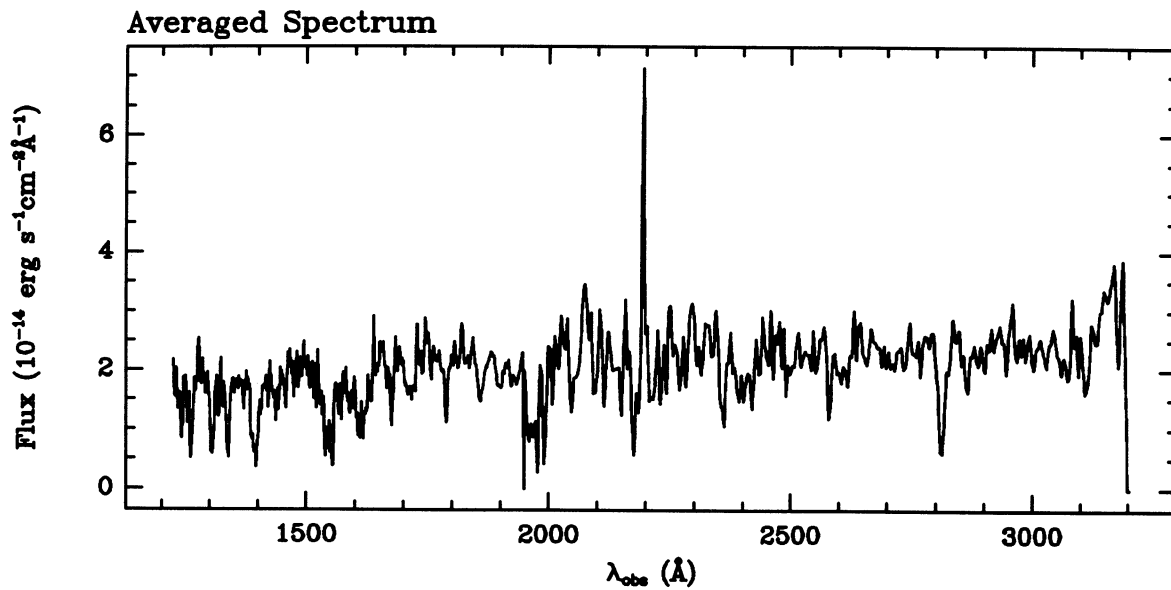
EXOSAT • 345

**References**

• 302 • 354 • 423 • 598 • 603 • 701 • 745 • 747  
 • 801 • 842 • 930

## NGC 7552

Right Ascension	: 23h 13m 25.00s
Declination	: -42° 51' 24.0"
Object Type	: HII Galaxy
ULDA Type	: 84,88
Redshift	: 0.005
Alternative Names	: MCG-07-47-0028, ESO 291- 12, IC 5294
	: EQ 2313-43, IRAS 23134-4251, 1E 2313.4-4251



## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
1	LWR 9400 L	44572.0	28 Nov 80	3600.0						303
2	SWP 10696 L	44572.0	28 Nov 80	7800.0			1.46	2.45		301
3	SWP 14453 L	44798.0	12 Jul 81	9180.0			1.52			302

## X-Ray Spectra

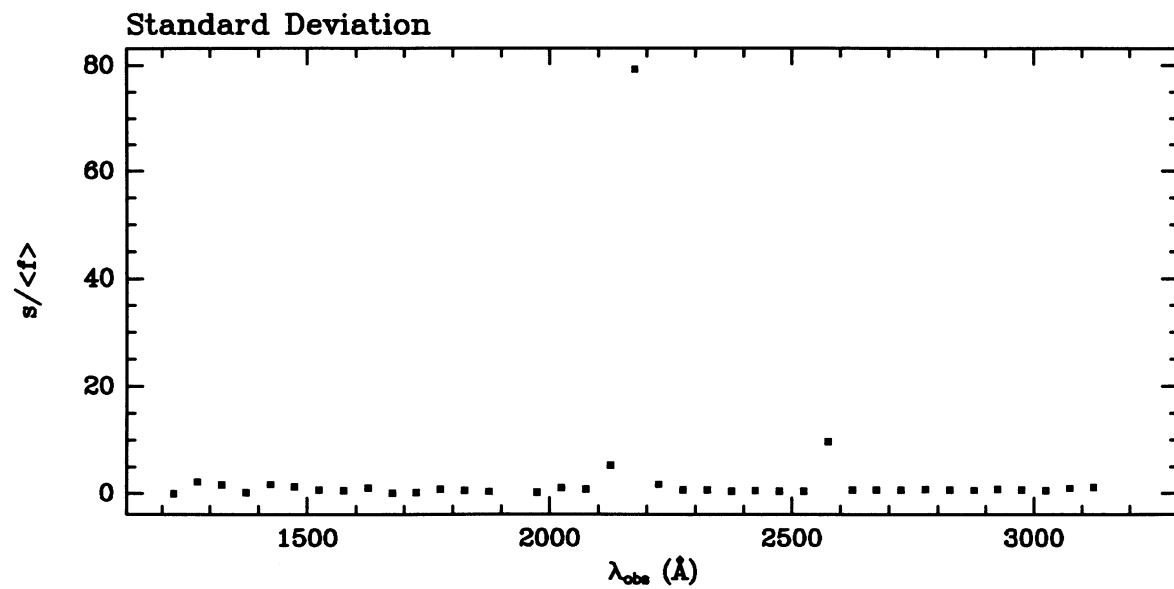
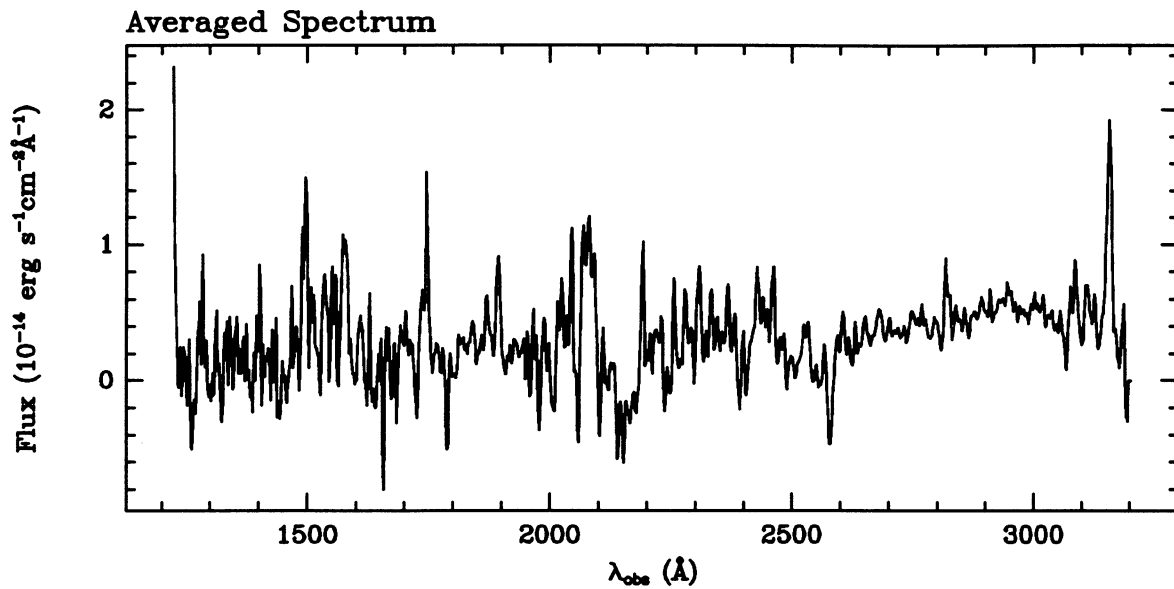
EINSTEIN	• 18	• 566	• 572	• 816
	• 818	• 947		
EXOSAT	• 846	• 847		

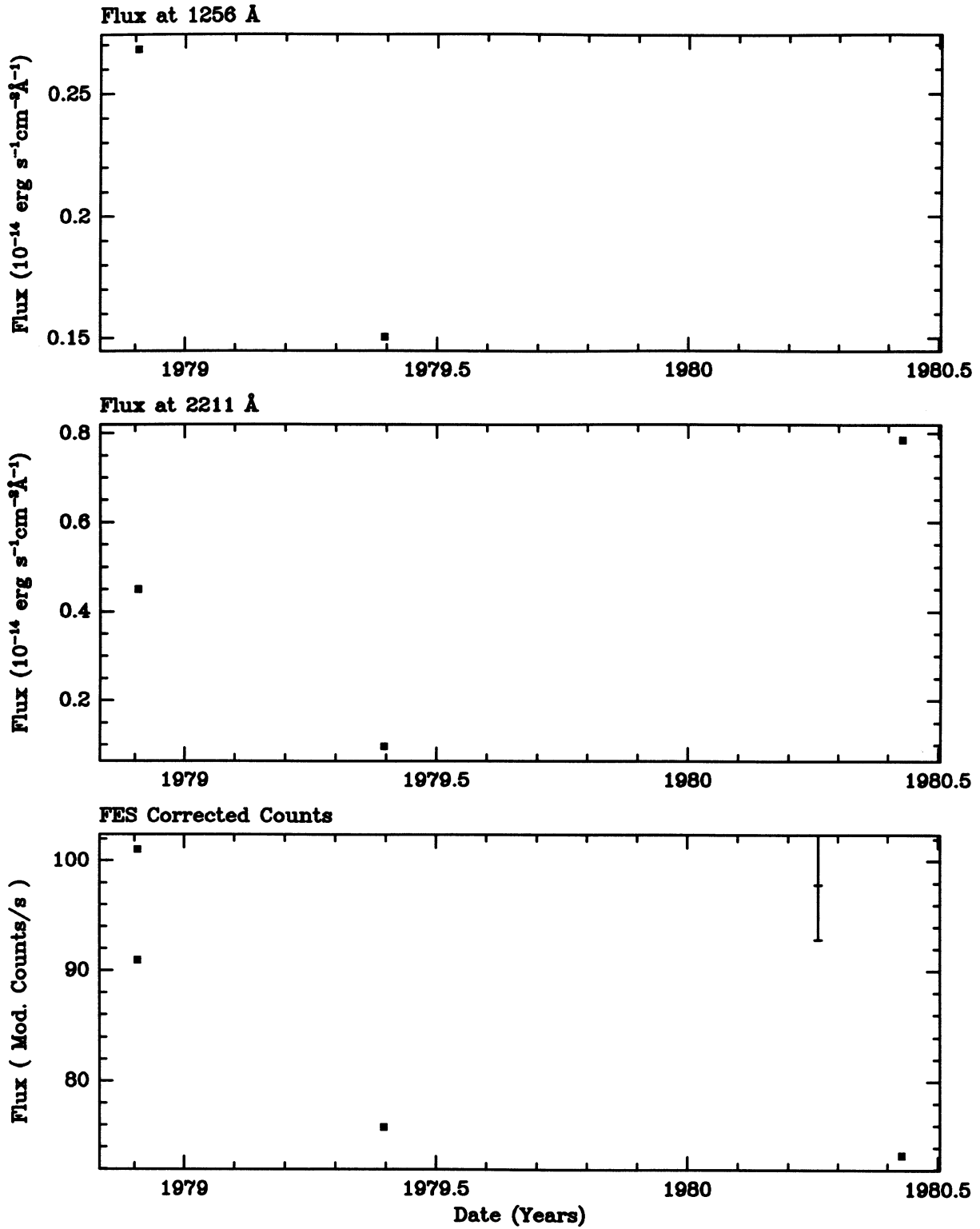
## References

• 582	• 593	• 650	• 775
-------	-------	-------	-------

**NGC 7582**

Right Ascension	: 23h 15m 38.00s
Declination	: -42° 38' 36.0"
Object Type	: Seyfert 2
ULDA Type	: 84,88
Redshift	: 0.005
Alternative Names	: MCG-07-47-0029, ESO 291- 16, EQ 2315-426
	: IRAS 23156-4238, 1E 2315.6-4238





**Observed Spectra**

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1256 Å	2210 Å	CEB	Flag
							$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR 3051 L	43840.0	27 Nov 78	9000.0	90	90.95		0.45	2?	
2	SWP 3471 L	43840.0	27 Nov 78	14400.0	100	101.05	0.27		22	
3	LWR 4597 L	44019.0	25 May 79	5400.0				0.10	301	
4	LWR 4598 L	44019.0	25 May 79	11400.0					03	
5	SWP 5352 L	44019.0	25 May 79	3600.0					330	
6	SWP 5353 L	44019.0	25 May 79	17400.0	75	75.83	0.15		206	
7	LWR 7959 S	44396.0	5 Jun 80	6000.0					302	
8	LWR 7959 L	44396.0	5 Jun 80	6000.0	72	73.35		0.79	302	

**X-Ray Spectra**

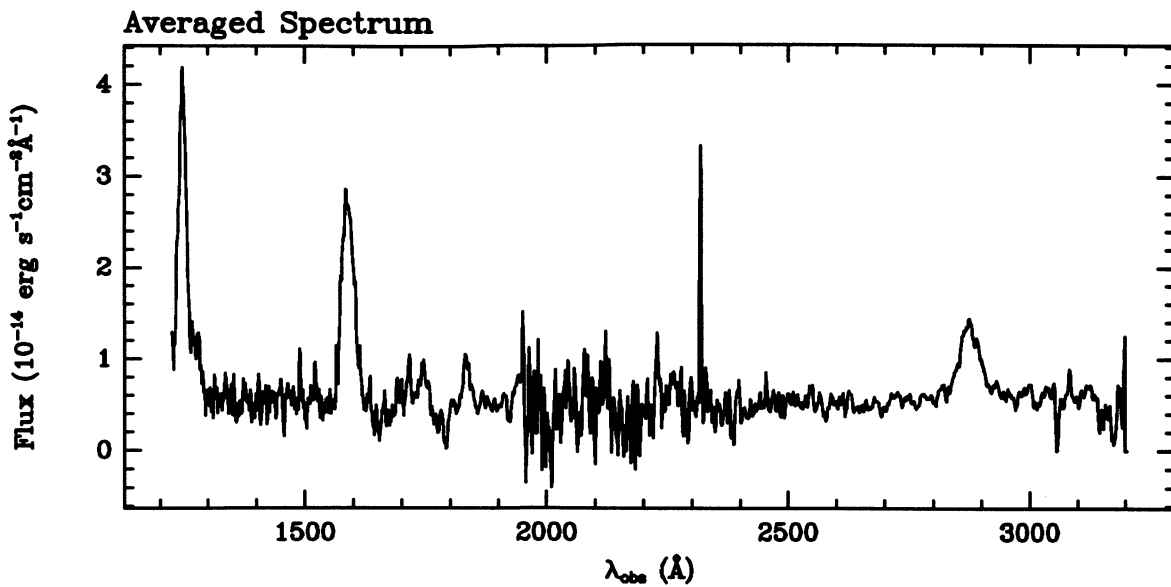
- EINSTEIN**            • 18                    • 566                    • 572                    • 816  
                               • 818                    • 947                    • 948                    • 953
- EXOSAT**             • 846                    • 847

**References**

- 61      • 85      • 94      • 284      • 342      • 394      • 453      • 582  
 • 607    • 663    • 666    • 717    • 775    • 776

## NGC 7603

Right Ascension	: 23h 16m 22.70s
Declination	: - 0° 01' 48.0"
Object Type	: Seyfert 1
ULDA Type	: 84
Redshift	: 0.029
Alternative Names	: UGC 12493, MCG+00-59-0021, MRK 530
	: UM 156, EQ 2316-000



## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1286 Å	2263 Å	CEB	Flag
1	LWR 5196 L	44083.0	28 Jul 79	15600.0	34	34.40			33	
2	SWP 5979 L	44083.0	28 Jul 79	10800.0	34	34.40	0.26	0.44	23	
3	SWP 7113 L	44185.0	7 Nov 79	5520.0			0.38		104	
4	SWP 26558 L	46283.0	5 Aug 85	15720.0			2.04		343	D
5	LWP 8379 L	46594.0	12 Jun 86	9600.0	35	45.46		0.79	353	D
6	SWP 28479 L	46595.0	13 Jun 86	12720.0	33	42.87	0.80		332	

## X-Ray Spectra

EINSTEIN • 981

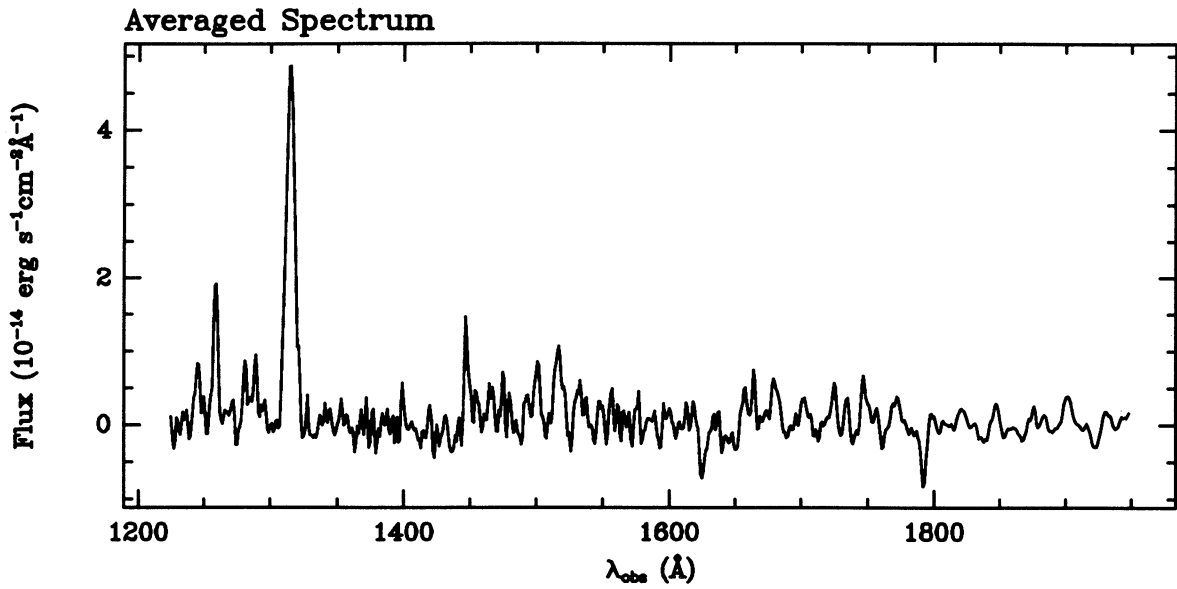
EXOSAT • 2089 • 2090 • 2091 • 2092

## References

• 36 • 81 • 85 • 92 • 179 • 261 • 315 • 320  
 • 394 • 400 • 488 • 593 • 717 • 729 • 804

**AOO PKS 2322-123**

Right Ascension	:	23h 22m 43.00s
Declination	:	-12° 23' 56.0"
Object Type	:	Seyfert 3
ULDA Type	:	86
Redshift	:	0.082
Alternative Names	:	MSH 23-112



**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1352 Å	2380 Å	CEB	Flag
1	SWP 24226 L	45993.0	19 Oct 84	24600.0			0.02			39

**X-Ray Spectra**

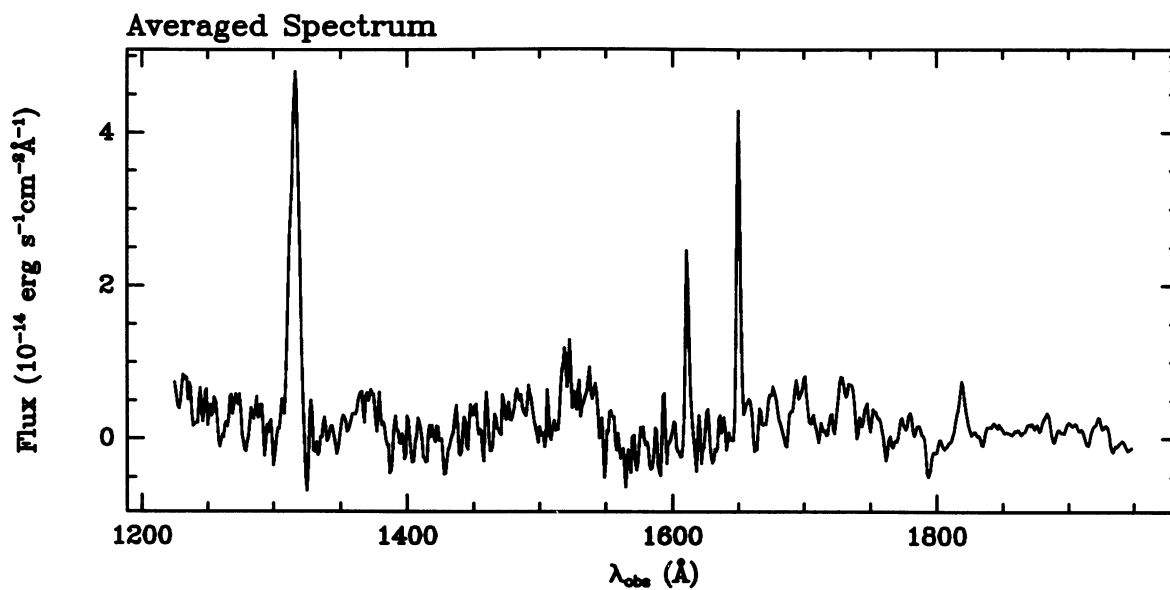
EINSTEIN                      • 262                      • 983

**References**

• 93            • 384            • 445            • 900

**ABCG 2597**

Right Ascension	:	23h 22m 42.00s
Declination	:	-12° 23' 00.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.085
Alternative Names	:	PKS 2322-122

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1352 Å	2380 Å	CEB	Flag
1	SWP 33603 L	47304.0	22 May 88	24900.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.22		238

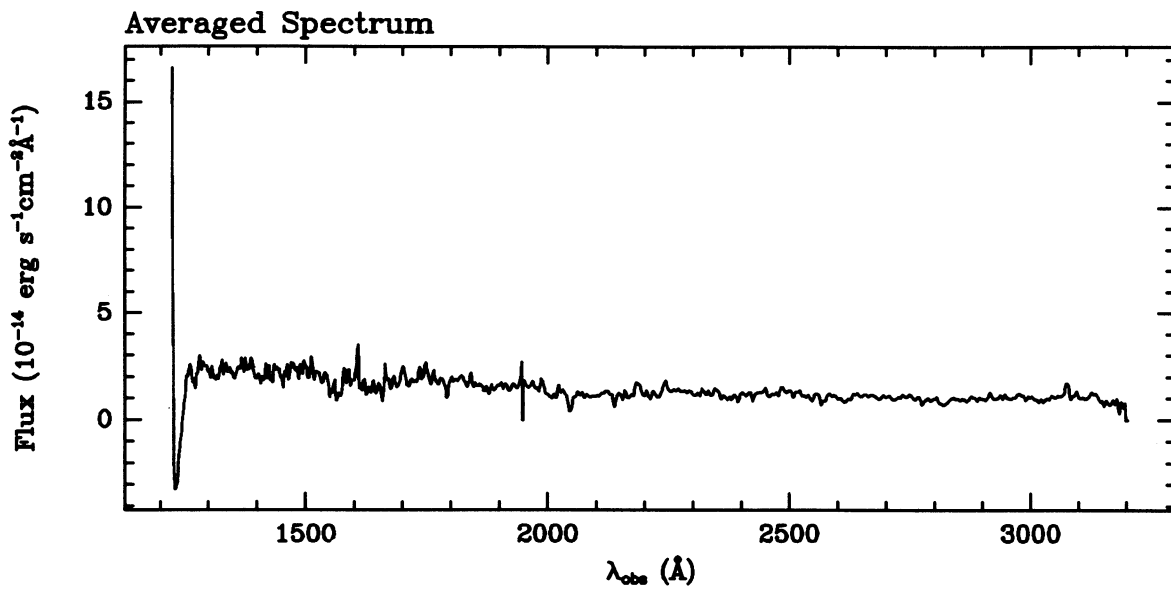
**References**

• 799



**NGC 7673**

Right Ascension	:	23h 25m 12.00s
Declination	:	23° 18' 53.0"
Object Type	:	
ULDA Type	:	88
Redshift	:	0.012
Alternative Names	:	UGC 12607, MCG+04-55-0014, MRK 325
	:	EQ 2325+233, ZW IV 149

**Observed Spectra**

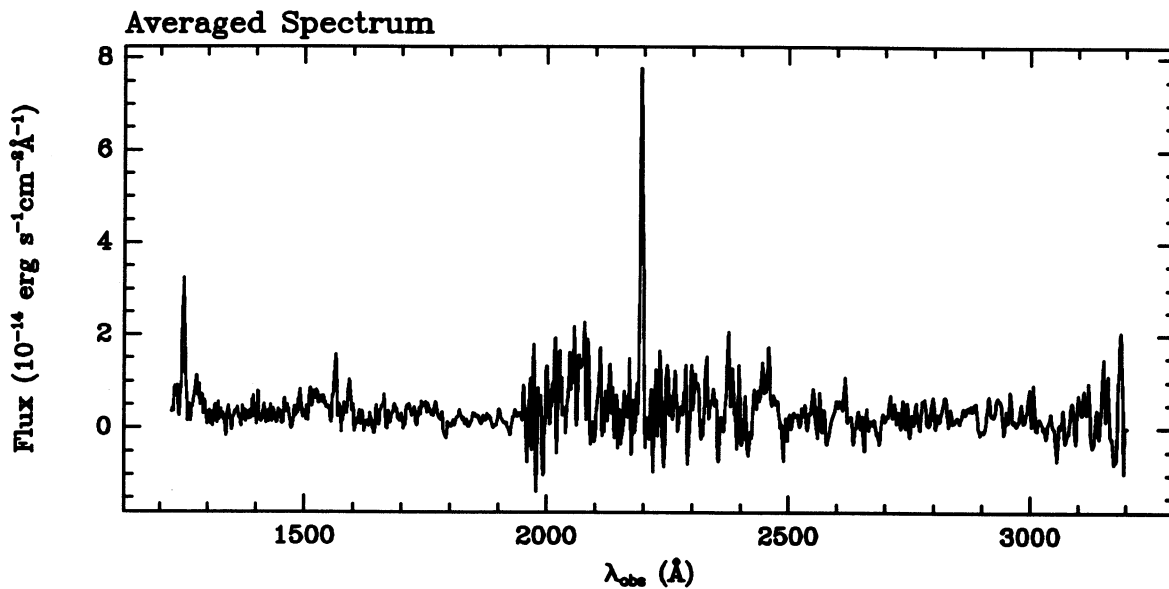
#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1265 Å	2226 Å	CEB	Flag
1	SWP 7303 L	44211.0	3 Dec 79	18600.0			1.58			404
2	LWR 9760 L	44628.0	23 Jan 81	24480.0	70	71.96		1.31		405

**References**

- 34
- 98
- 128
- 274
- 559
- 576

## NGC 7674

Right Ascension	: 23h 25m 24.00s
Declination	: 8° 30' 00.0"
Object Type	: Seyfert 1
ULDA Type	: 84,88
Redshift	: 0.029
Alternative Names	: UGC 12608, MCG+01-59-0080, MRK 533
	: IRAS 23254+0830, EQ 2325+085



## Observed Spectra

#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1286 Å	2263 Å	CEB	Flag
1	LWR 9404 L	44573.0	29 Nov 80	1320.0					112	
2	SWP 10705 L	44573.0	29 Nov 80	7200.0			0.16	0.31	114	
3	LWP 7308 L	46414.0	14 Dec 85	9300.0	25	31.32		0.68	339	D
4	SWP 27271 L	46414.0	14 Dec 85	14400.0	26	32.58	0.84		345	

## X-Ray Spectra

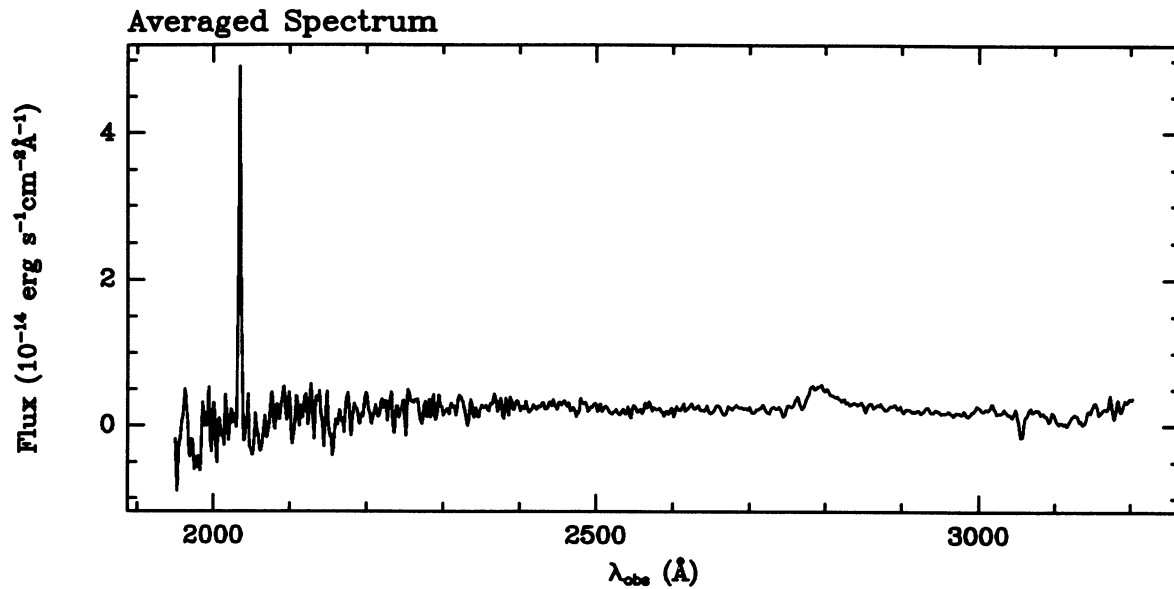
<b>EINSTEIN</b>	• 273	• 280	• 328	• 975
	• 976	• 977	• 1156	• 1200
<b>EXOSAT</b>	• 293	• 882	• 889	• 895
	• 900	• 1243		

**References**

- 74      • 84      • 136      • 145      • 164      • 177      • 205      • 329
- 335      • 394      • 453      • 497      • 528      • 620      • 623      • 651
- 717      • 836

**QSO 2326-477**

Right Ascension	: 23h 26m 33.60s
Declination	: -47° 46' 52.0"
Object Type	: Quasar
ULDA Type	: 85
Redshift	: 1.306
Alternative Names	: PKS 2326-477, PG 2326-477

**Observed Spectra**

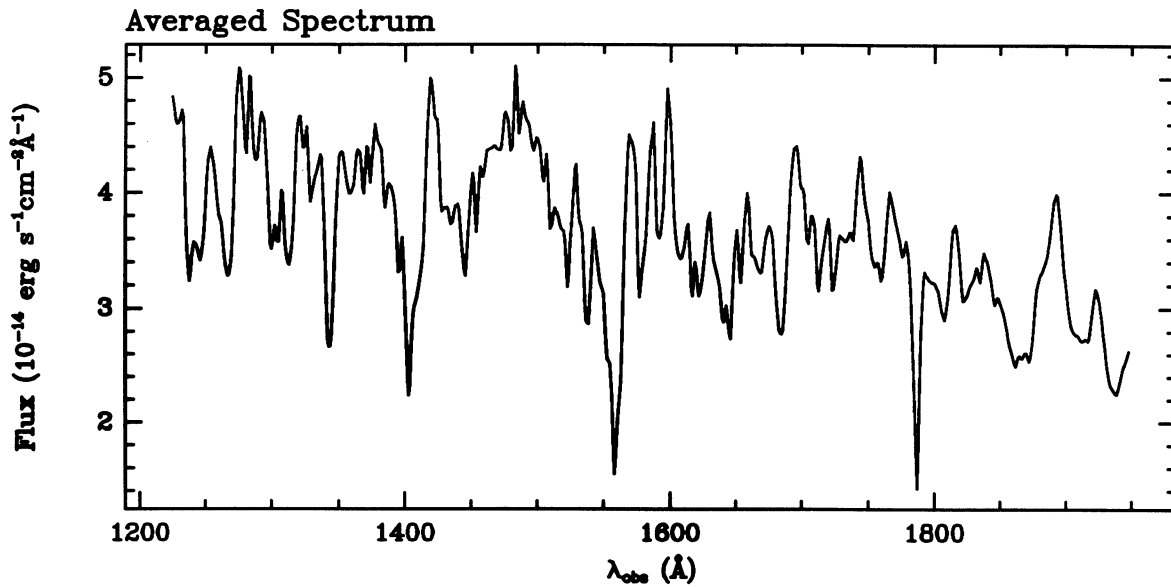
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1500 Å	3000 Å	CEB	Flag
1	LWP 1371 L	44925.0	16 Nov 81	22292.0				0.20		344

**References**

• 537      • 545      • 729      • 730      • 842      • 858      • 895

## NGC 7714

Right Ascension	: 23h 33m 40.60s
Declination	: 1° 52' 42.0"
Object Type	: HII Galaxy
ULDA Type	: 88
Redshift	: 0.009
Alternative Names	: UGC 12699, MCG+00-60-0017, MRK 538
	: EQ 2333+02, UM 167, IRAS 23336+0152



## Observed Spectra

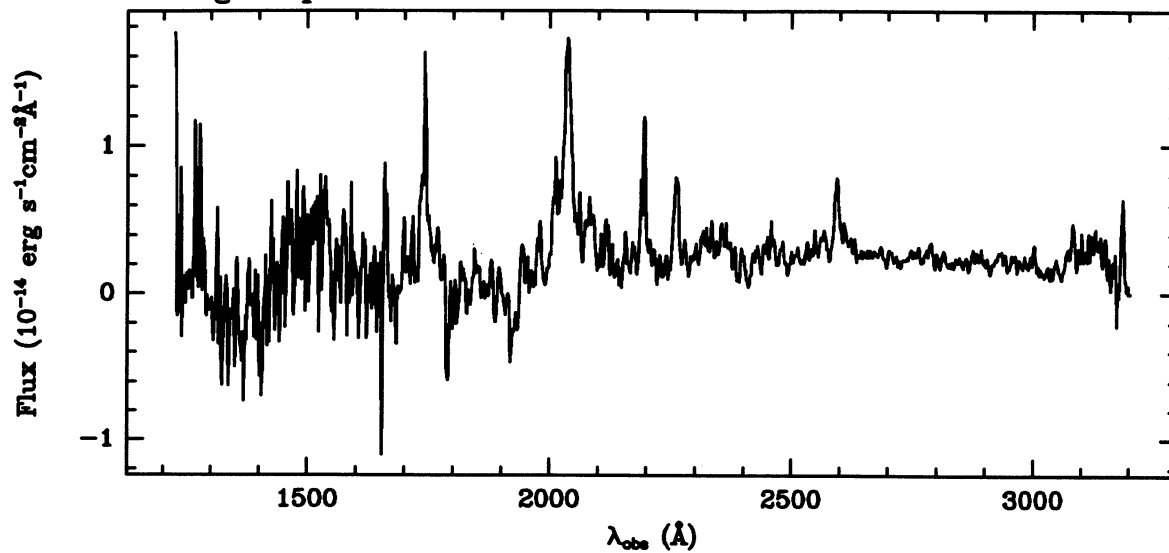
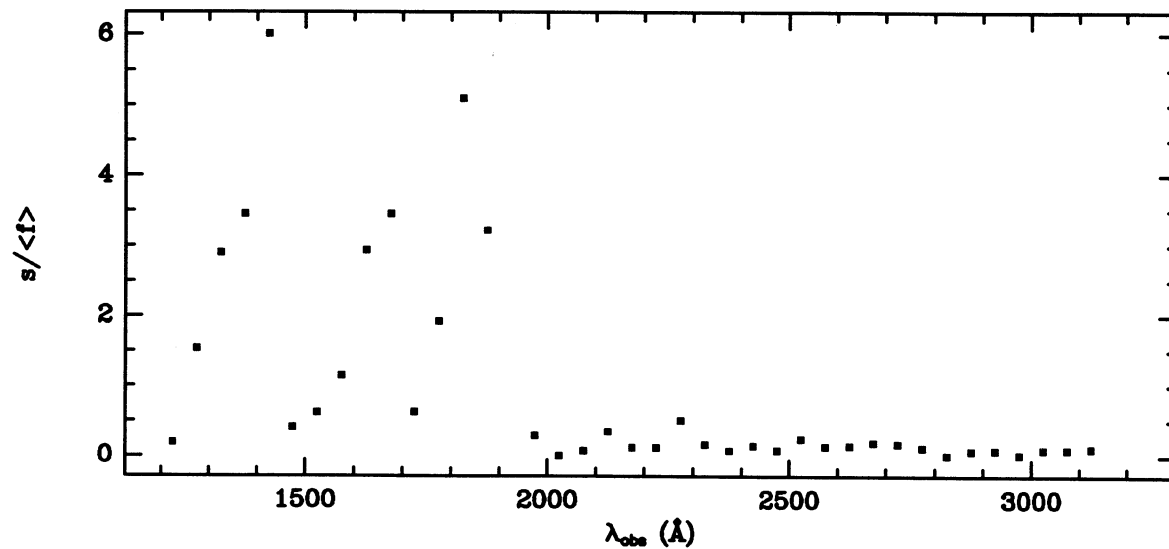
#	Observation	Date		Exposure Time s	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1261 Å	2219 Å	CEB	Flag
1	SWP 3953 L	43893.0	19 Jan 79	15000.0	84	84.88	10 <sup>-14</sup> erg s <sup>-1</sup> cm <sup>-2</sup> Å <sup>-1</sup>		4.01	

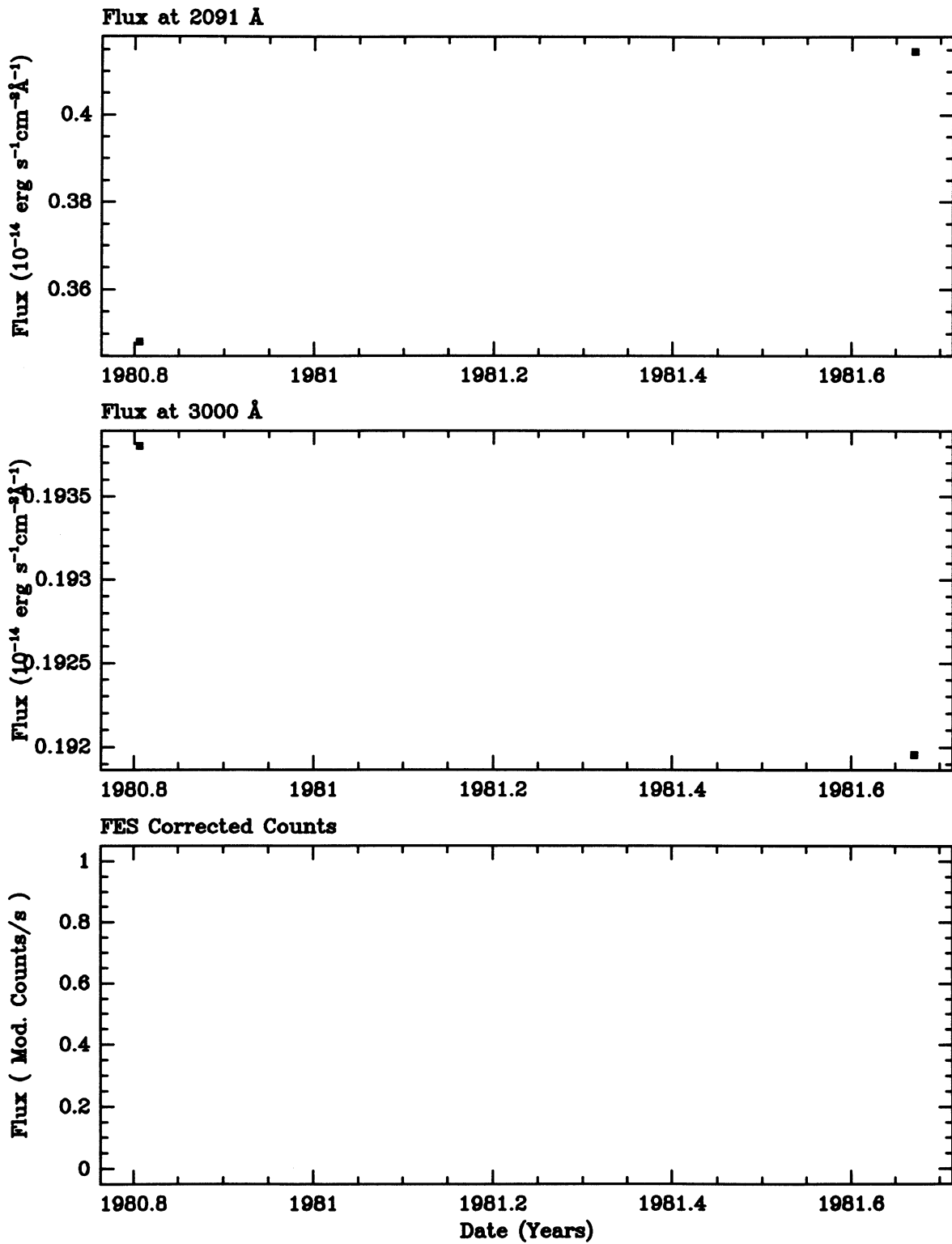
## References

- 126      • 136      • 161      • 193      • 274      • 376      • 445      • 465
- 593      • 666      • 717      • 777      • 831      • 847      • 942

**QSO 2344+092**

Right Ascension	: 23h 44m 03.77s
Declination	: 9° 14' 05.4"
Object Type	: Quasar S1
ULDA Type	: 85
Redshift	: 0.673
Alternative Names	: PKS 2344+092, 4C 9.74
	: PB 5532, PG 2344+092

**Averaged Spectrum****Standard Deviation**



## Observed Spectra

#	Observation			Date		Exposure Time s	FES		Flux		Code	
				MJD	Civilian		Raw	Corr.	2091 Å	3000 Å	CEB	Flag
							<i>cts/s</i>		$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$			
1	LWR	9121	L	44534.0	21 Oct 80	25800.0			0.35	0.19	469	
2	SWP	10442	L	44534.0	21 Oct 80	14400.0					083	SKY
3	SWP	10442	S	44534.0	21 Oct 80	14400.0					043	SKY
4	SWP	10443	S	44534.0	21 Oct 80	2400.0					031	D
5	SWP	10443	L	44534.0	21 Oct 80	2400.0					031	
6	SWP	10444	S	44534.0	21 Oct 80	2400.0					031	D
7	SWP	10444	L	44534.0	21 Oct 80	2400.0					031	
8	SWP	10846	L	44594.0	20 Dec 80	24420.0					333	
9	LWR	11454	L	44850.0	2 Sep 81	23400.0			0.41	0.19	434	

## X-Ray Spectra

EINSTEIN	• 325	• 328	• 977		
EXOSAT	• 293	• 882	• 889	• 895	
	• 900	• 1243			

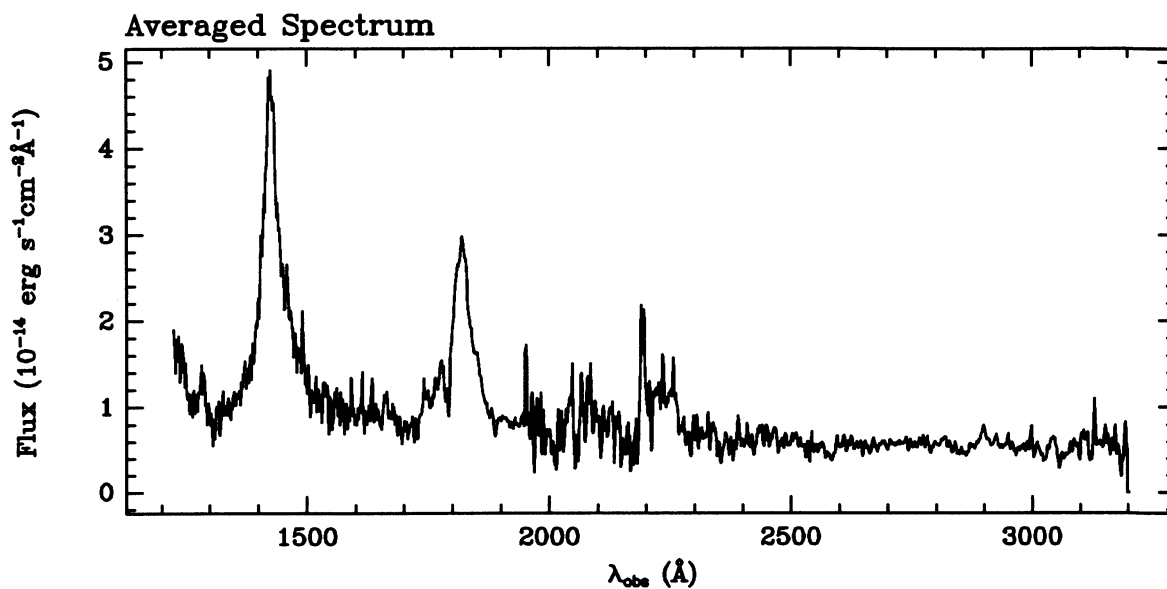
## References

• 6	• 85	• 153	• 295	• 302	• 423	• 504	• 545
• 590	• 598	• 621	• 701	• 711	• 729	• 730	• 741
• 776	• 801	• 830	• 832	• 842	• 879	• 895	• 930



**QSO 2349-014**

Right Ascension	:	23h 49m 22.00s
Declination	:	- 1° 25' 54.0"
Object Type	:	Quasar S1
ULDA Type	:	86
Redshift	:	0.173
Alternative Names	:	PKS 2349-014, PB 5564
	:	4C -1.61, PG 2349-014

**Observed Spectra**

#	Observation	Date		Exposure Time <i>s</i>	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1466 $\text{\AA}$	2580 $\text{\AA}$	CEB	Flag
1	SWP 6314 L	44114.0	28 Aug 79	21300.0			1.50		35	
2	LWR 8081 L	44411.0	20 Jun 80	4440.0				0.53	203	
3	LWR 13970 L	45199.0	17 Aug 82	14400.0				0.54	303	
4	SWP 17715 L	45199.0	17 Aug 82	9300.0			2.76		333	
5	LWR 14575 L	45280.0	6 Nov 82	23400.0				0.53	405	
6	LWP 9841 L	46798.0	2 Jan 87	6300.0				0.40	304	D
7	SWP 30008 L	46798.0	2 Jan 87	18000.0			2.04		345	

**X-Ray Spectra**

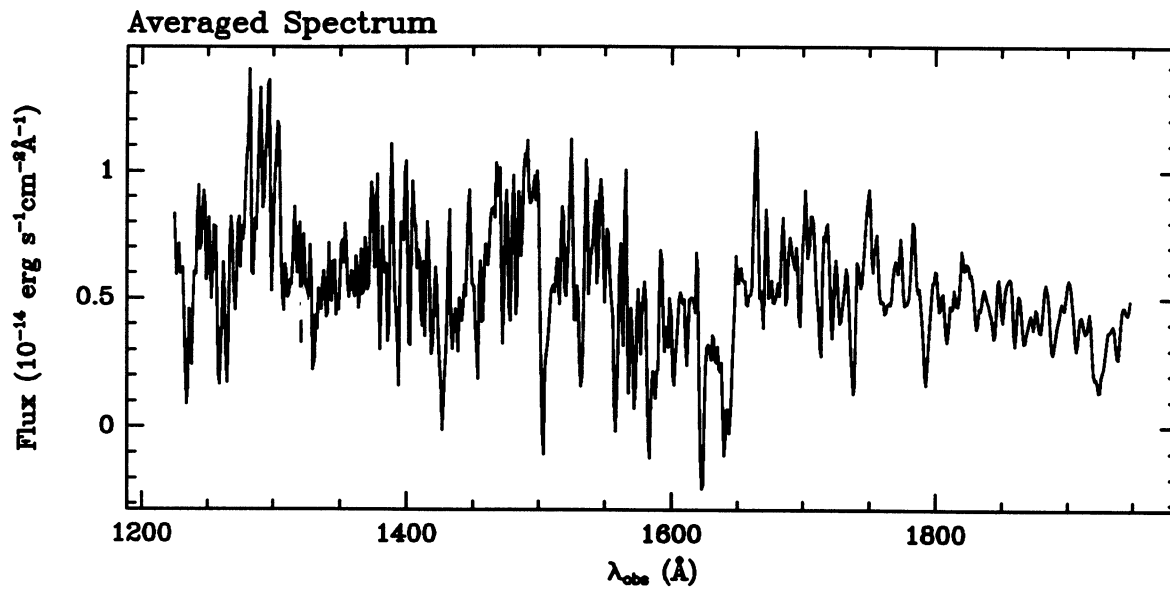
- EINSTEIN      • 1203
- EXOSAT         • 1240

**References**

- 85      • 320      • 504      • 667      • 804      • 832

**MRK 542**

Right Ascension	: 23h 54m 25.70s
Declination	: - 2° 21' 42.0"
Object Type	:
ULDA Type	: 84
Redshift	: 0.025
Alternative Names	: UM 191

**Observed Spectra**

#	Observation	Date		Exposure Time	FES		Flux		Code	
		MJD	Civilian		Raw	Corr.	1281 Å	2255 Å	CEB	Flag
1	SWP 26566 L	46284.0	6 Aug 85	16740.0			$10^{-14} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$	0.79		312

**X-Ray Spectra**

EXOSAT • 1240