

Mosaic_spec results on jmx1_sky_ima for the Crab in ScW 1019_79_1 (on-axis):

			Intensity		
			3-10 keV		10-25 keV
POSMODE = -1 (RA=83.631, Dec=22.017)					
Widthmode = -2			227.9	1.2	69.3 0.6
Widthmode = -1					
		size = 3	515.3	13.1	155.2 7.7
		5	337.4	10.6	100.3 6.3
		6	315.4	10.2	93.7 6.3
		7	307.3	10.1	91.7 6.0
		8	304.3	10.0	91.1 6.0
		>=9	303.4	10.0	90.8 6.0
		psf = 1.2	151.0	0.8	51.5 0.4
		1.5	199.1	1.0	66.0 0.6
		1.72	228.1	1.2	74.3 0.7
		2	256.5	1.5	82.0 0.9
		3	301.1	3.0	92.5 1.7
Widthmode = 0		psf = 2	243.8	1.1	75.9 1.2
POSMODE = 0					
Widthmode = -2			230.4	1.8	69.7 1.0
Widthmode = -1					
		psf = 1.5	201.0	1.5	66.5 0.9
		2	259.3	2.4	82.5 1.4
Widthmode = 0		psf = 2	246.9	2.8	76.5 1.6

Averaged values for 16 images in rev. 1019 (variable off-axis)

Widthmode = -2 219.8 29.0 64.5 9.9

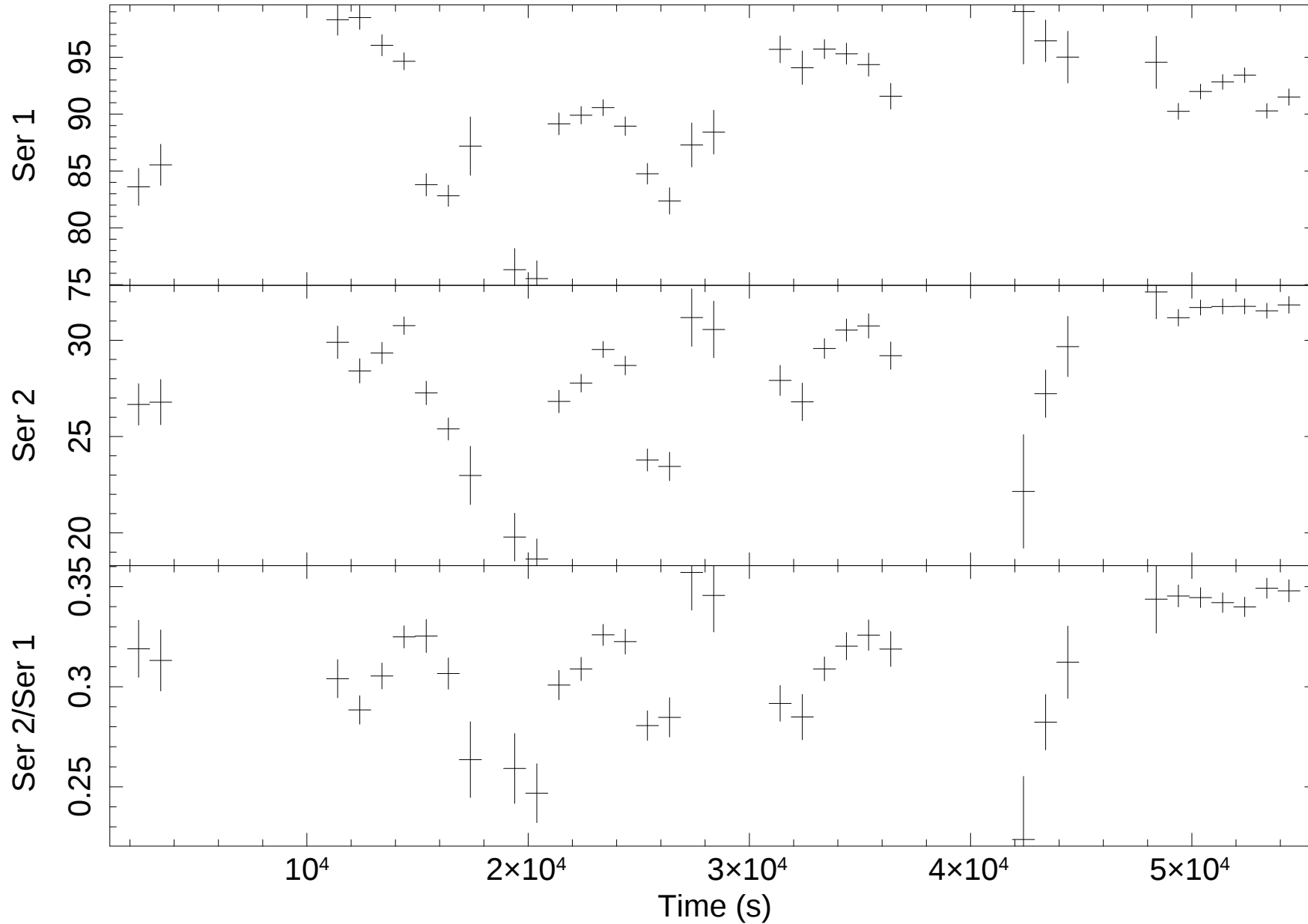
Mosaic_spec results on mosaic image (16 input images) for the Crab in rev. 1019:

POSMODE = -1 (RA=83.631, Dec=22.017)					
Widthmode = -2			193.5	0.6	55.5 0.3
Widthmode = -1			167.7	0.5	52.6 0.3
		psf = 1.5	1.9	211.6 0.7	65.2 0.4
		2.	220.4	0.7	67.6 0.4
		2.1	228.3	0.8	69.8 0.5
		2.2	235.4	0.9	71.7 0.5
Widthmode = 0			(psf?, size?)	237.3 4.6	69.2 2.7
		size = 7	239.1	4.6	69.7 2.7
		psf = 2	213.3	1.1	63.7 0.6
POSMODE = 0					
Widthmode = -2			195.2	0.9	55.8 0.5
Widthmode = -1			169.2	0.7	52.9 0.4
		psf = 1.5	1.9	213.5 1.1	65.5 0.6
		2.	222.3	1.1	68.0 0.7
		2.1	230.2	1.2	70.1 0.7
		2.2	237.4	1.3	72.1 0.8
Widthmode = 0			(psf?, size?)	238.2 6.0	69.4 3.5
		size = 7	240.1	6.0	70.0 3.5
		psf = 2	215.3	1.4	64.1 0.8

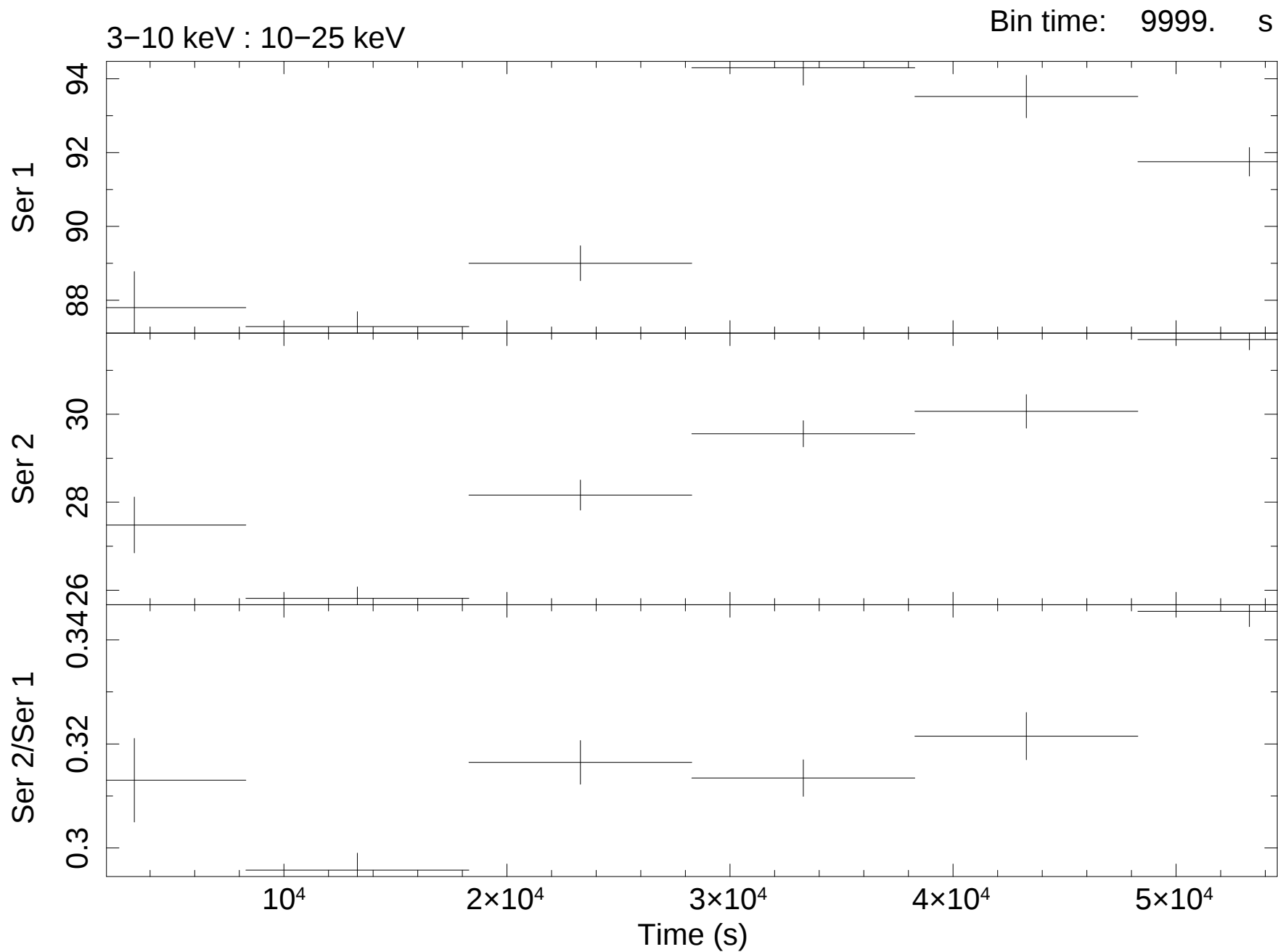
Crab 1019

3-10 / 10-25 keV

Bin time: 1000. s



Start Time 15609 16:39:50:775 Stop Time 15610 7:06:30:775



Start Time 15609 17:54:50:275 Stop Time 15610 7:48:05:275

	3-10 keV	10-25 keV
JEMX-SRC-RES (j_ima_iros) for ScW 1019_79_1 (RA=83.633, Dec=22.024):	94.7 0.1	29.0 0.1
JEMX-SRC-LC average count rate for the Crab in rev. 1019:	90.6 3.0	28.8 2.1

Crab spectrum obtained by j_collect_spectra

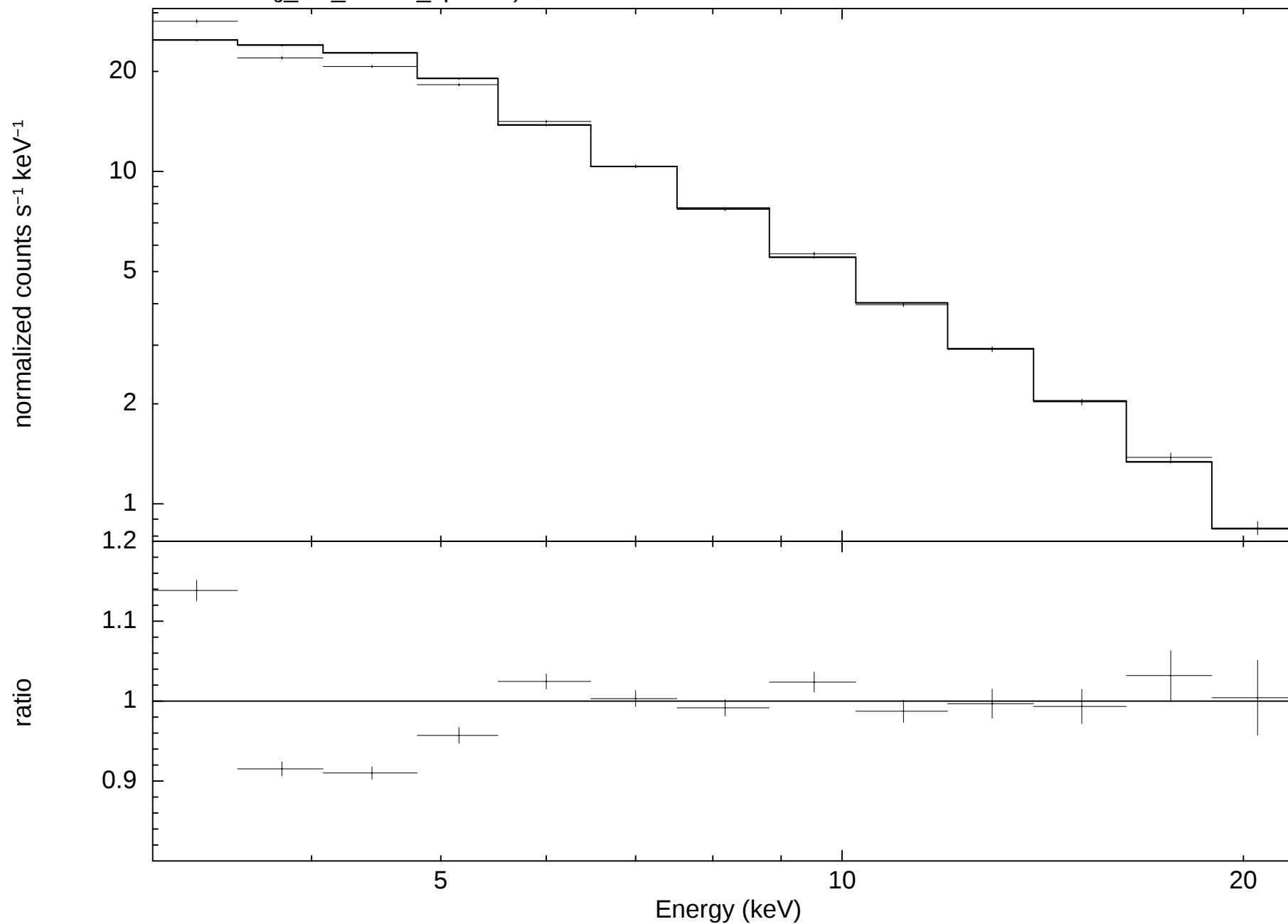
fit 3-25 keV	1.55 0.03	1.07 0.03 e-8 erg/cm2/s	
$\chi^2_r=1.3$ (5%) F(2-10 keV) = 2.08 e-8 erg/cm2/s	a=2.11 +/-0.04		N=9.85 +/-0.09
fit 5-25 keV	1.57 0.02	1.07 0.02 e-8 erg/cm2/s	
$\chi^2_r=0.8$ (1%) F(2-10 keV) = 2.11 e-8 erg/cm2/s	a=2.12 +/-0.03		N=10.3 +/-0.6

Crab spectrum obtained by mosaic_spec

1019_79_1 fit 3-25 keV	1.67 0.03	1.27 0.03 e-8 erg/cm2/s	
$\chi^2_r=1.5$ (3%) F(2-10 keV) = 2.20 e-8 erg/cm2/s	a=2.01 +/-0.06		N=8.9 +/-1.0
fit 5-25 keV	1.73 0.04	1.24 0.03 e-8 erg/cm2/s	
$\chi^2_r=1.4$ (1%) F(2-10 keV) = 2.30 e-8 erg/cm2/s	a=2.07 +/-0.07		N=10.3 +/-2.1
Mosaic fit 3-25 keV	1.60 0.03	1.26 0.03 e-8 erg/cm2/s	
$\chi^2_r=1.4$ (5%) F(2-10 keV) = 2.09 e-8 erg/cm2/s	a=1.98 +/-0.04		N=8.15 +/-0.75
fit 5-25 keV	1.66 0.01	1.25 0.01 e-8 erg/cm2/s	
$\chi^2_r=1.1$ (1%) F(2-10 keV) = 2.19 e-8 erg/cm2/s	a=2.03 +/- 0.02		N= 9.11 +/-0.5

data and folded model

Crab1079 (j_src_collect_spectra)



JEM-X Crab position accuracy (mosaic_spec)

