

	OSSE	COMPTEL	EGRET	BATSE LARGE AREA	BATSE SPECTROSCOPY
ENERGY RANGE (MeV)	0.06 to 10.0	0.8 to 30.0	20 to 3 x 10⁴	0.03 to 1.9	0.015 to 110
ENERGY RESOLUTION (FWHM)	12.5% at 0.2 MeV 6.8% at 1.0 MeV 4.0% at 5.0 MeV	8.8% at 1.27 MeV 6.5% at 2.75 MeV 6.3% at 4.43 MeV	~20% 100 to 2000 MeV	32% at 0.06 MeV 27% at 0.09 MeV 20% at 0.66 MeV	8.2% at 0.09 MeV 7.2% at 0.66 MeV 5.8% at 1.17 MeV
EFFECTIVE AREA (cm²)	2013 at 0.2 MeV 1480 at 1.0 MeV 569 at 5.0 MeV	25.8 at 1.27 MeV 29.3 at 2.75 MeV 29.4 at 4.43 MeV	1200 at 100 MeV 1600 at 500 MeV 1400 at 3000 MeV	1000 ea. at 0.03 MeV 1800 ea. at 0.1 MeV 550 ea. at 0.66 MeV	100 ea. at 0.3 MeV 127 ea. at 0.2 MeV 52 ea. at 3 MeV
POSITION LOCALIZATION (STRONG SOURCE)	10 arc min square error box (special mode; 0.1 x Crab spectrum)	0.5 - 1.0 deg (90% confidence 0.2 x Crab spectrum)	5 to 10 arc min (1s radius; 0.2 x Crab spectrum)	3° (strong burst)	-----
FIELD OF VIEW	3.8° x 11.4°	~ 64°	~ 0.6 sr	4 sr	4 sr
MAXIMUM EFFECTIVE GEOMETRIC FACTOR (cm² sr)	13	30	1050 (~ 500 MeV)	15000	5000
ESTIMATED SOURCE LINE SENSITIVITY (5 x 10⁵ sec; on source, off Galactic Plane)	(3-8) x 10 ⁻⁵ cm ⁻² s ⁻¹	1.5 x 10 ⁻⁵ to 6 x 10 ⁻⁵ cm ⁻² s ⁻¹			0.4% equivalent width (5 sec integration)
CONTINUUM	3 x 10 ⁻⁷ cm ⁻² s ⁻¹ keV ⁻¹ (@1 MeV)	1.6 x 10 ⁻⁴ cm ⁻² s ⁻¹ (3 s detection, 1-30 MeV)	7 x 10 ⁻⁸ cm ⁻² s ⁻¹ (> 100 MeV) 2 x 10 ⁻⁸ cm ⁻² s ⁻¹ (> 1000 MeV)	3 x 10 ⁻⁸ erg cm ⁻² (1 sec burst)	

Table 1. Summary of *Compton* GRO Detector Characteristics