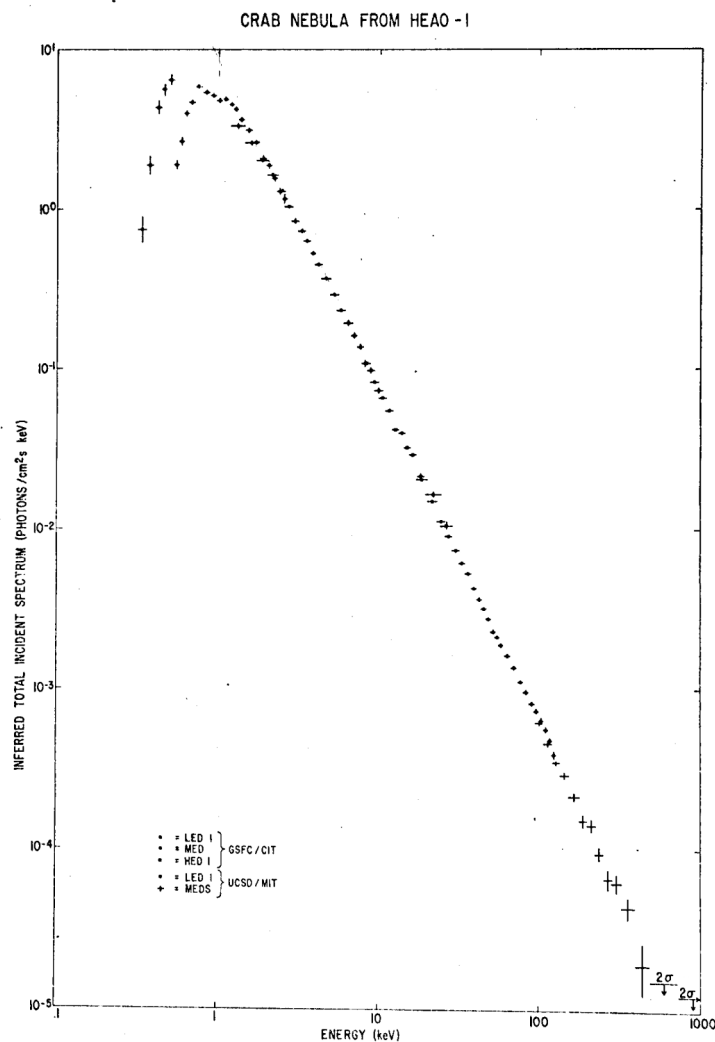


The Crab Nebula and Pulsar



The 0.5 keV to 1 MeV Crab spectrum from HEAO-1

The first broad band X-ray/Gamma ray spectrum of the Crab Nebula and Pulsar

Combined output from the A2 set of instruments:

1 LED (0.15-3 keV),

1 MED (1.5-20 keV),

1 HED (2-60 keV),

And from the A4 set of instruments:

1 of 2 LEDs (12-180 keV),

4 MEDs (30-2,000 keV)

1 HED (200-8,000 keV) No detection

"Fits" to data give indices of 1.93 -- 2.27 and

Flux @ 1 keV of 7.08 -- 10.81