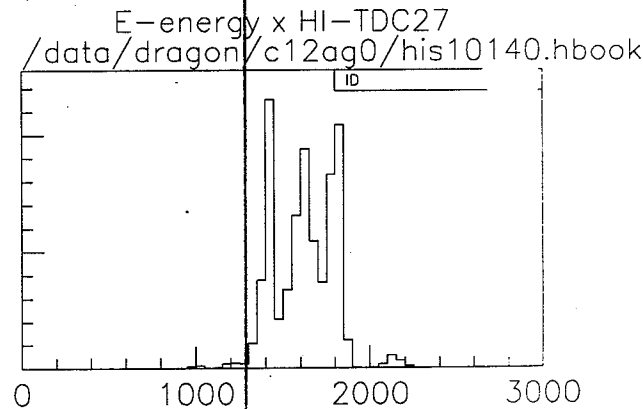
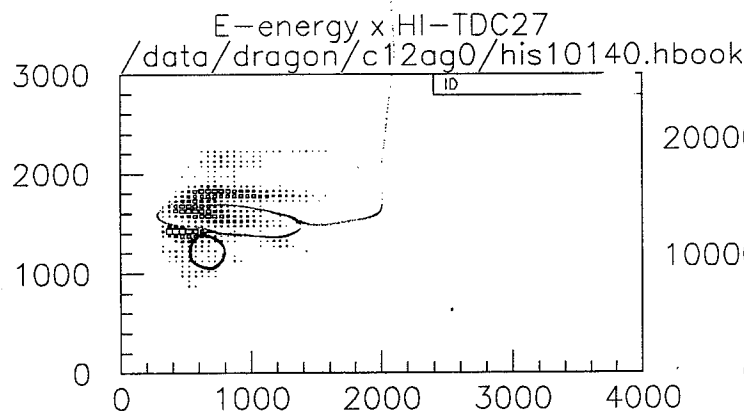
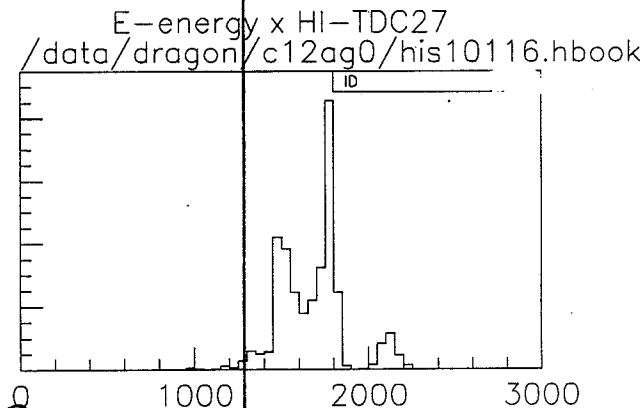
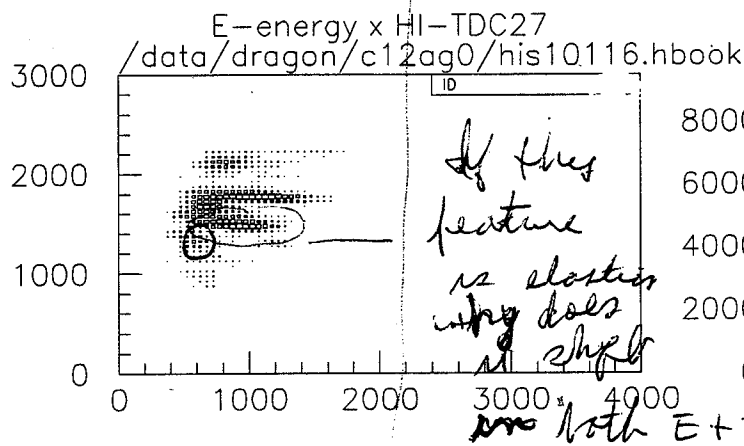
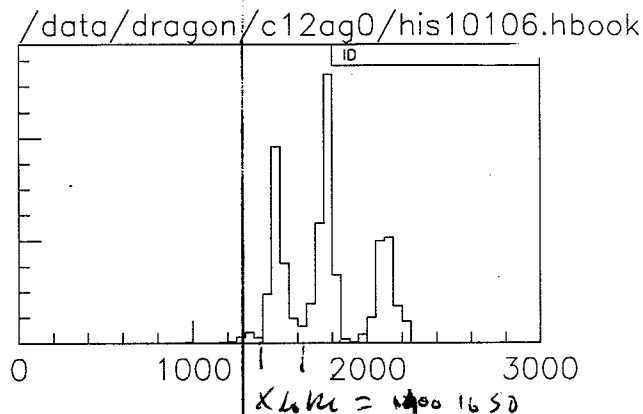
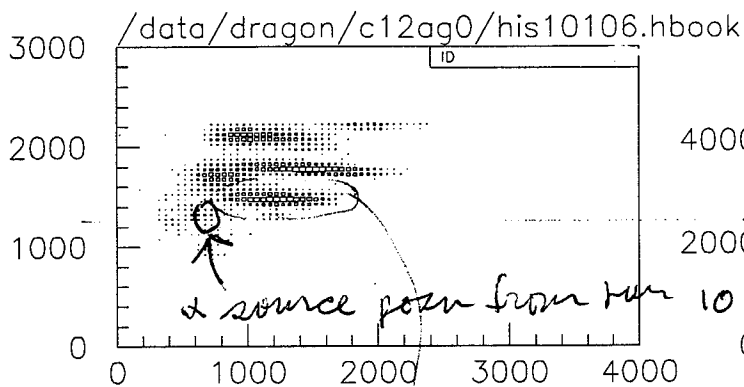


ELASTIC MONITOR

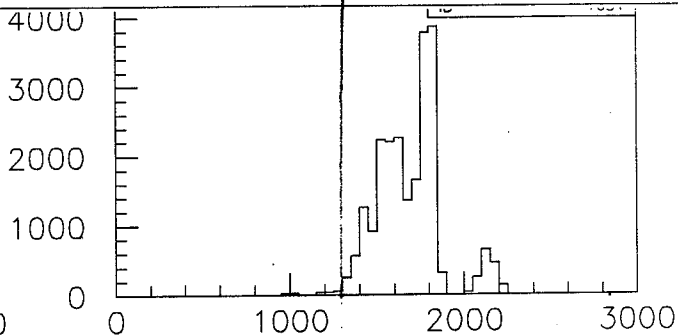
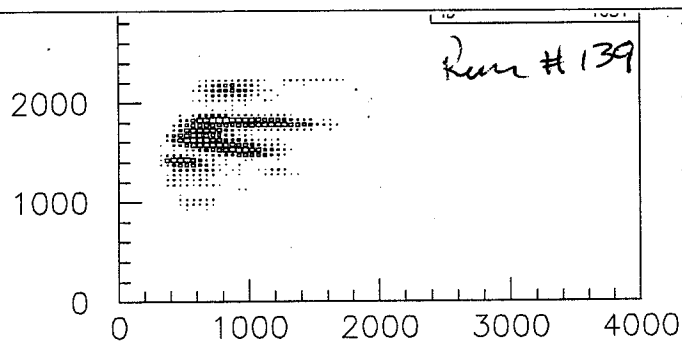
ONLINE SAMPLE PSD $^{12}\text{C}(\alpha, \gamma)$ 1.48 MeV/u

2003/11/03 09.04



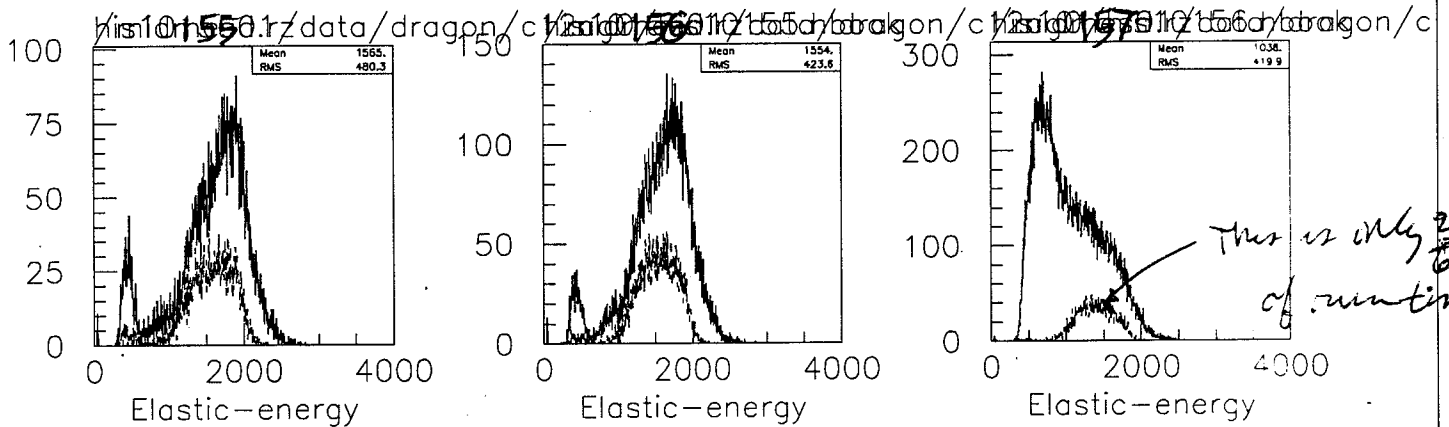
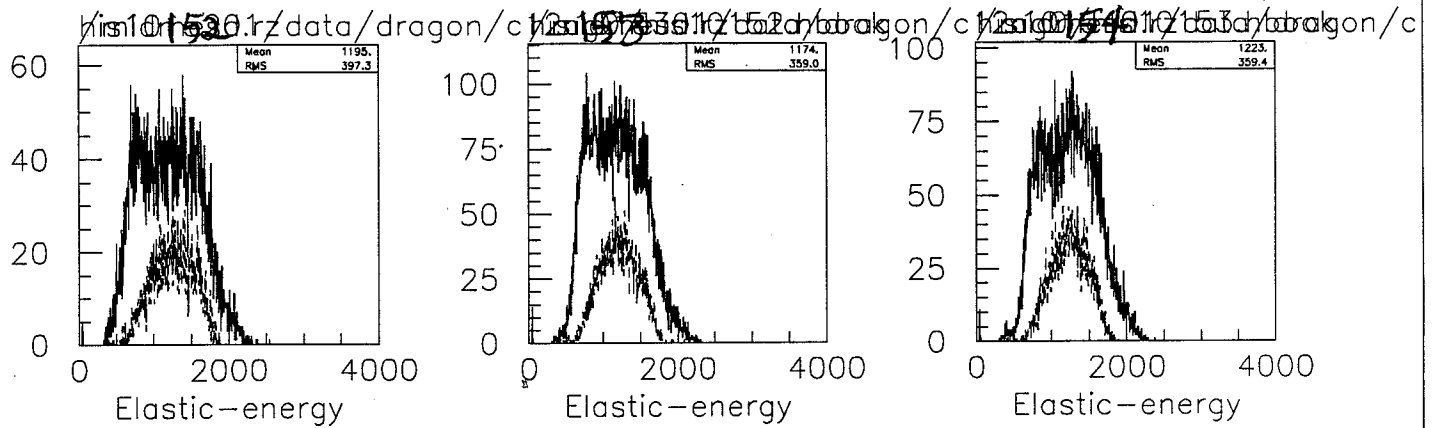
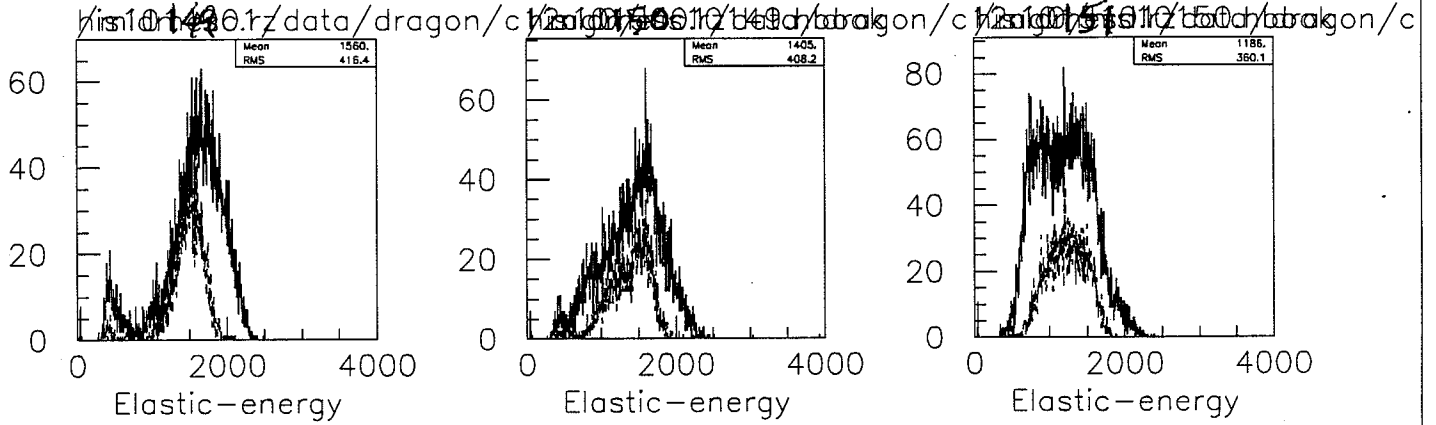
E-energy x HI-TDC27

E-energy x HI-TDC27



Elastic energy spectra raw = solid, PSD gated = dashed

2003/11/05 10.12

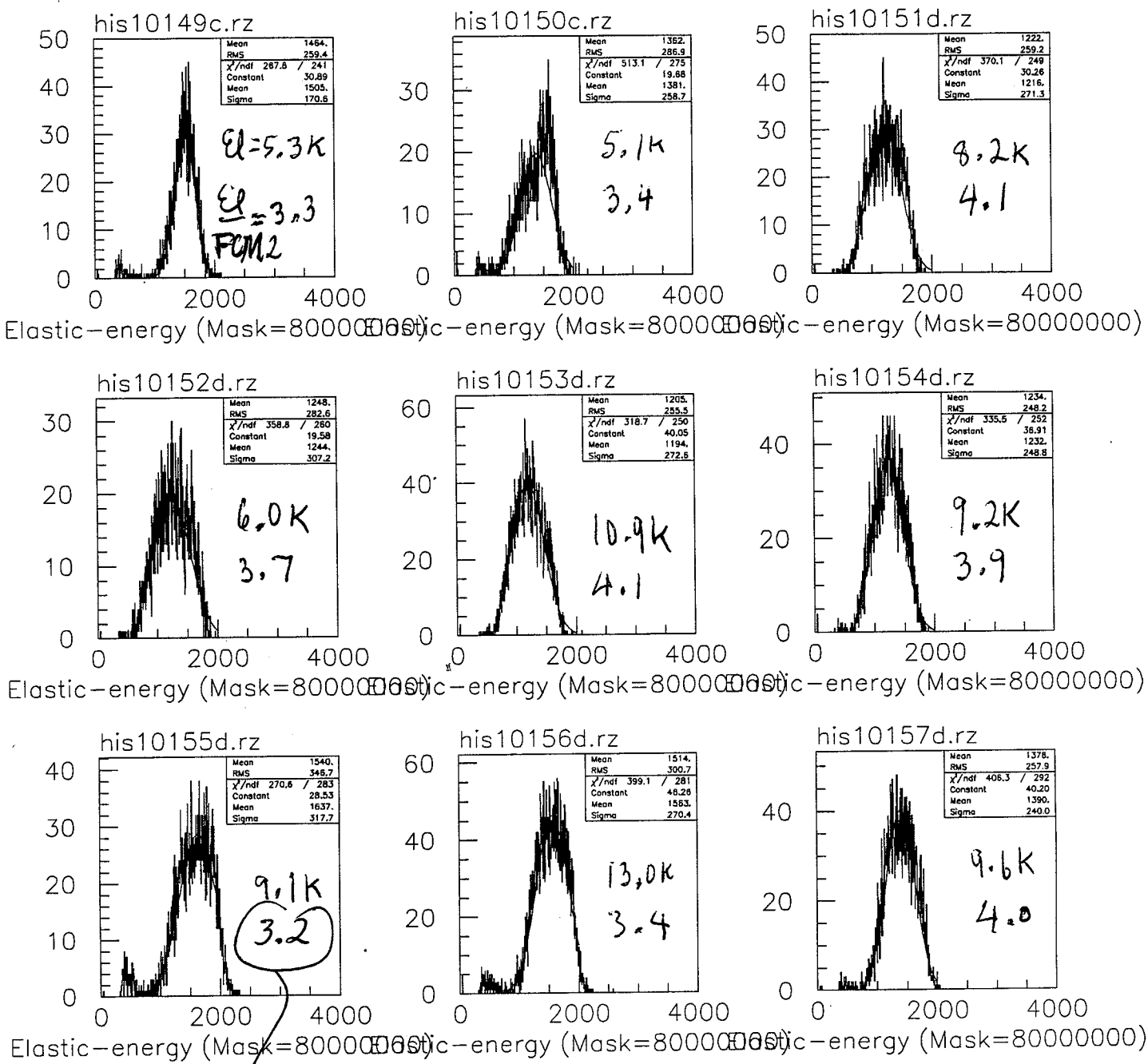


Elastic vs. FCM2

El =
Conv
*
Sigma

Elastic gated on PSD (#1031) Time. Gaussian fits area x

2003/11/04 15:56



Average $\frac{El}{FCM2} = 3.7$

Max deviation $-0.5/3.7 = -14\%$ ☺

joel

1/midwest01/dragon/online/analyser - 2 /midwest01/dot
 - 0 /usdag/data42/dragon/C12-analyser/hit 101xxf.rz

$$R = \frac{\text{Const} * \text{Sigma}}{\text{HLT} * \rho * \text{FCM} 2}$$

2003/11/05 10.59

