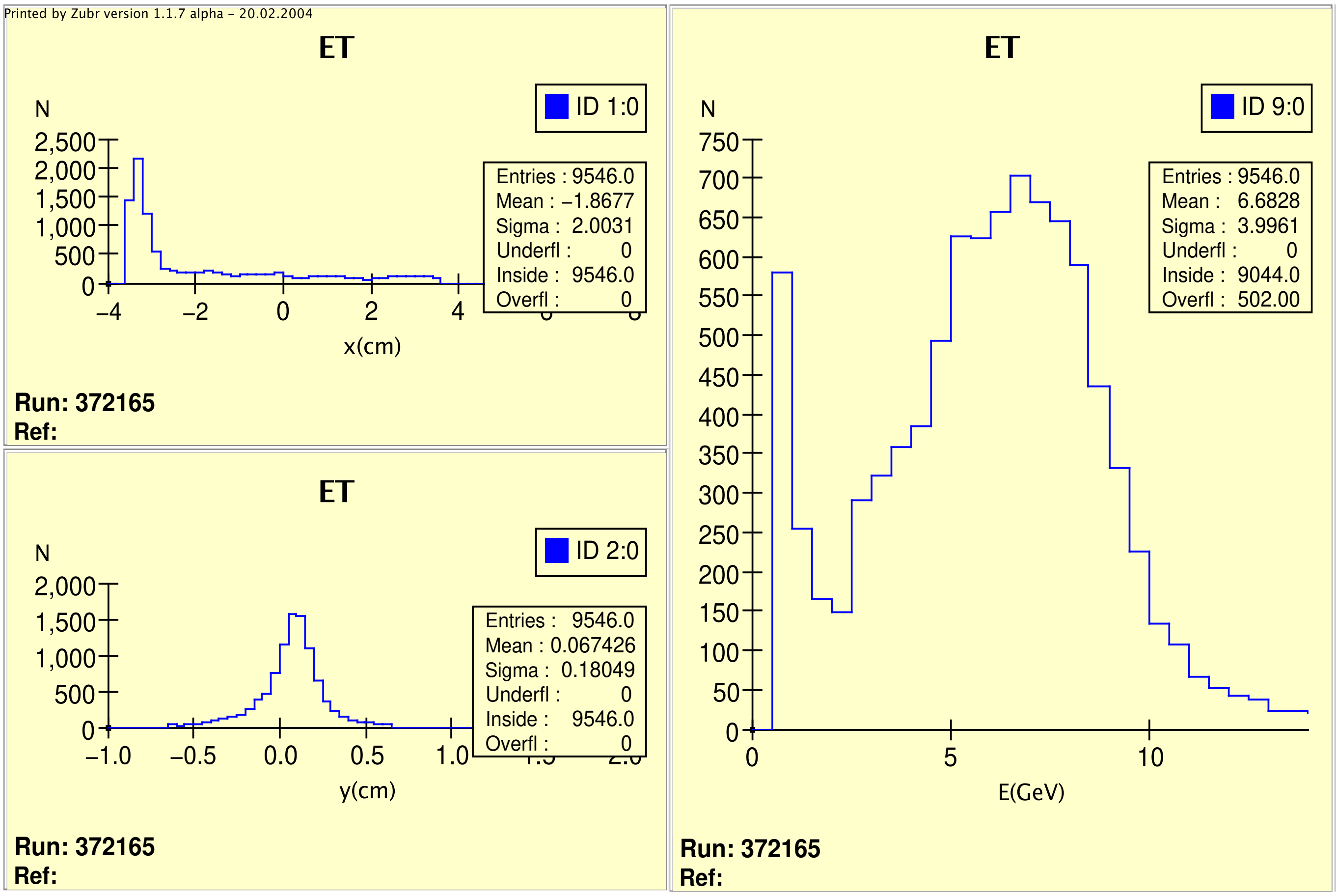
Etag-6

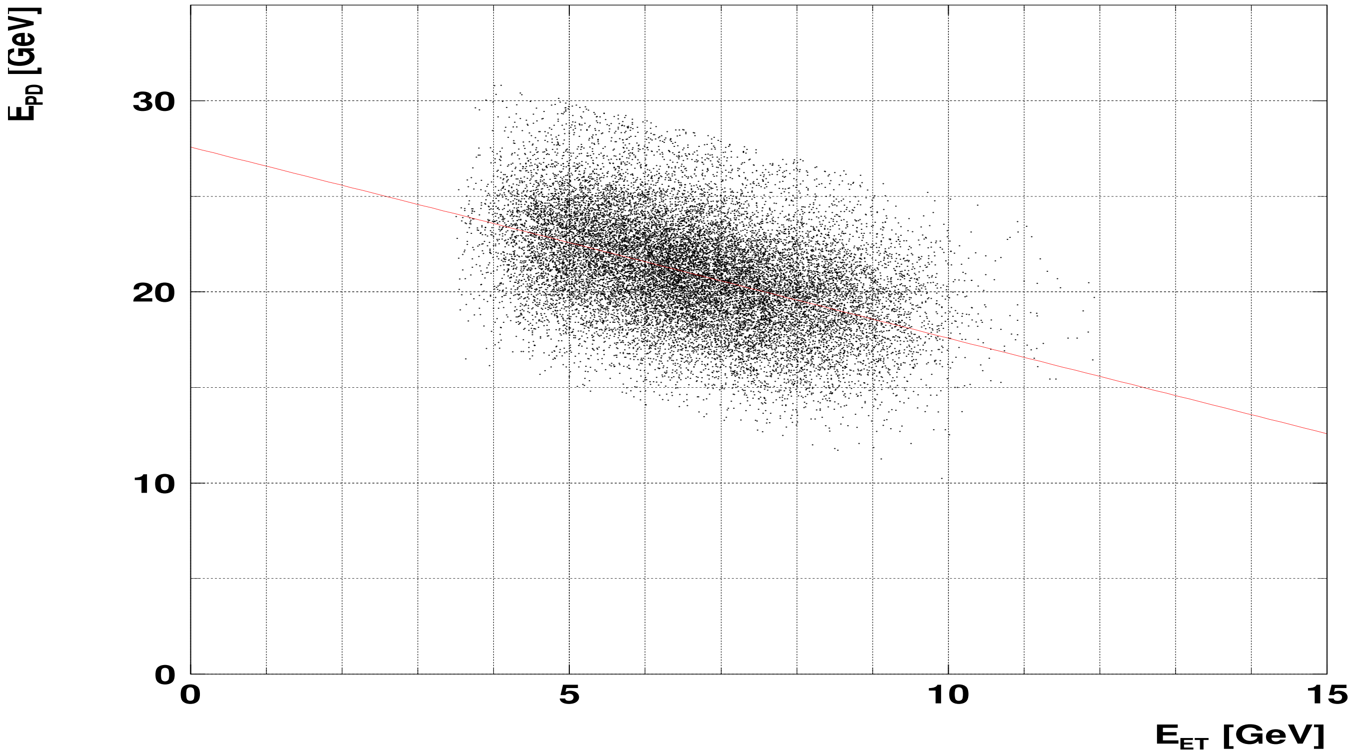
L4 online histograms



Running well, no problems.

HV adjusted for alignment of channel response
Calibrated (but still additional fine tuning is needed).

Etag-6: $e - \gamma$ Energy Correlation

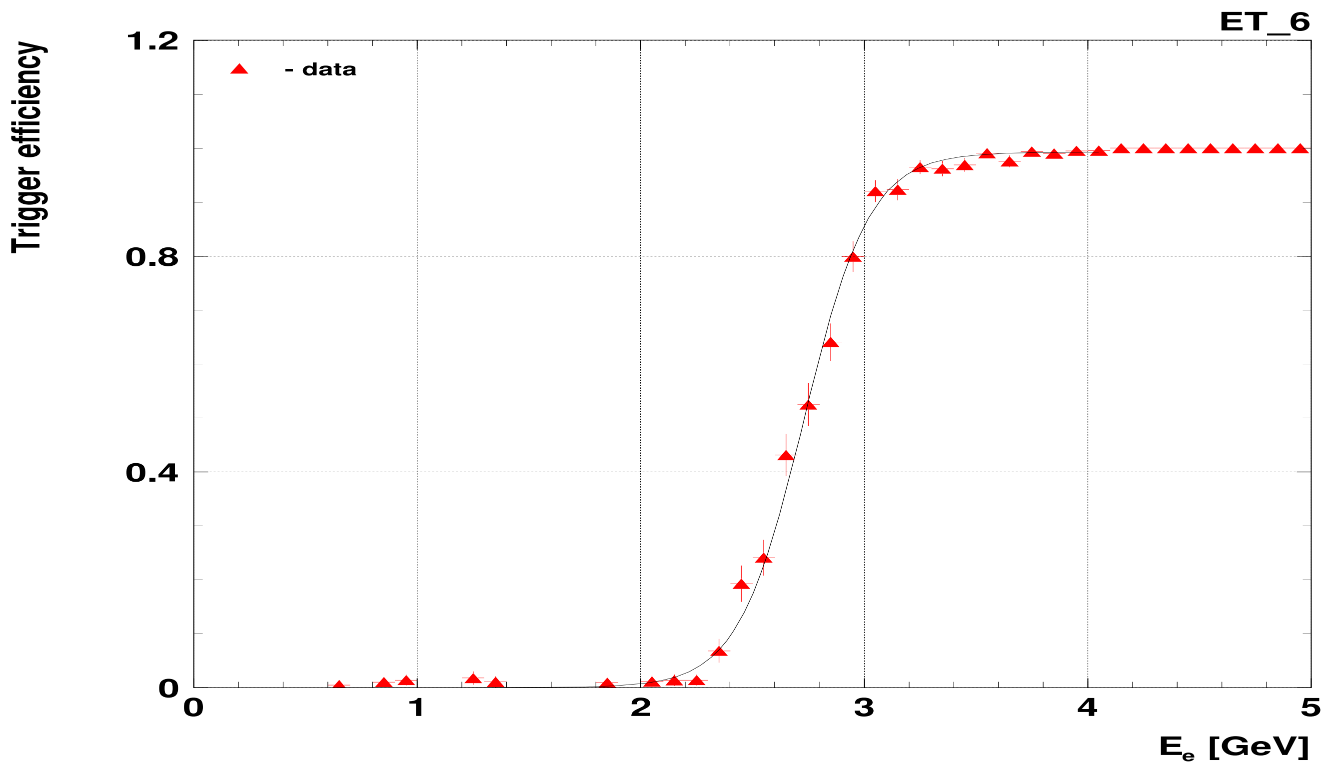


$$\mathbf{E}_e + \mathbf{E}_\gamma = \mathbf{E}_{e_{beam}}$$

Use E_{PD} and E_{ET6} in calibration of ET-6

Energy resolution $\sim$ 15% / $\sqrt{E}$

Etag-6: Trigger Efficiency



TE: LU_ET_6 (nominal threshold 2.7 GeV)

s99: LU_ET_6 → Monitor trigger

s44, s46, s83, s87, s89, s113 → e - tagged Physics triggers

Etag-40

... not yet installed in the tunnel

The radiation level at 40 m, compared to HERA-I,
became rather high:
$\sim$ 100 times higher at working position,
$\sim$ 20 times higher at parking position.

This means:
with present value of I_p and I_e
ET40 would get $\sim 10^6$ Gy in 2 weeks time
$\rightarrow$ 25-30% deterioration of NBW crystal transparency

Protection measures are being worked out
on the basis of the experimental distribution
of the radiation field in the ET40 position.

Since January 2004 the radiation field
became weaker by factor 3.
New measurement to be made in March.

There is some hope to install ET40 rather soon
(during access day in April 2004?)