

Energy resolution observed in the second snake scan (by Ch. Mauney)

System = crystal, glass; type = float;

Attribute = eres_a and eres_b;

Units = %

Parameterization:

$$\sigma E/E = a \oplus b/\sqrt{E} \oplus c/E$$

$$a = \text{eres_a}; b = \text{eres_b};$$

$$c = 0 \text{ for LG}; 1.02 \text{ for PWO}$$

Time diff. between Hycaltotalsum and TAGM from the second snake scan (by Ch. Mauney)

System = crystal, glass; type = float;

Attribute = tdif_al;

Units = ns

Parameterization:

Fitted value of

banks->TRIGPHOTON->trigphoton[i].tdiff

ADC status during the runs

System = crystal, glass; type = **int**;

Attribute = status;

Legend:

-1 – non-existent channel

0 – normal channel

1 – channel with dead diode

2 - dead channel

3 – “hot” channel (not implemented yet)

The table is filled for some runs (“ π^0 golden”).

You are welcome to update this table.

Skim files (pass2a)

- Mss path: (Under / mss/hallb/primex/skim/october_2004/)
- **pi0_pass2a**, pi0 in compton, Carbon production and empty
- **recover** recovered files which can not be analyzed anymore, but old offline is Ok
- **compton/pass2a** and **compton/production** for compton runs and Carbon production

Cuts for skim pass2a:

- trigger = latch
- Fastbus errors are allowed Nhit max = 400 min elements in cluster = 1
- emin_cluster = 0.3
- π^0 : Mmin = 90MeV
- Compton:
 - epair = 3.5 ... 7.0 GeV
 - pwo only
 - $|x_1 \cdot e_1 + x_2 \cdot e_2|$ and $|y_1 \cdot e_1 + y_2 \cdot e_2| < 0.732 \cdot 30$.