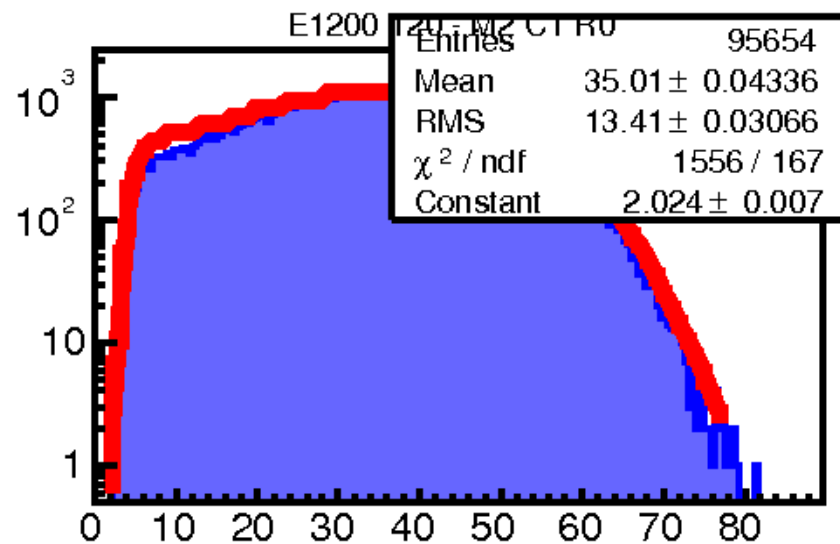
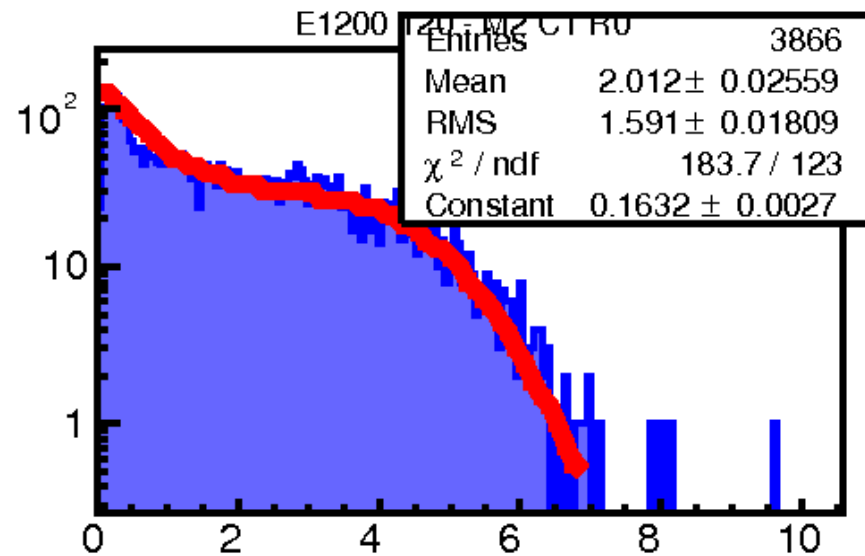
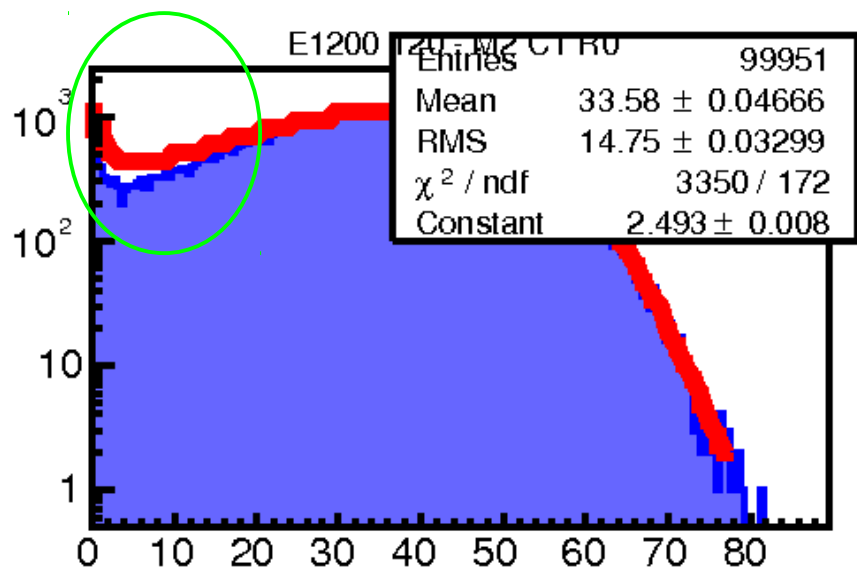


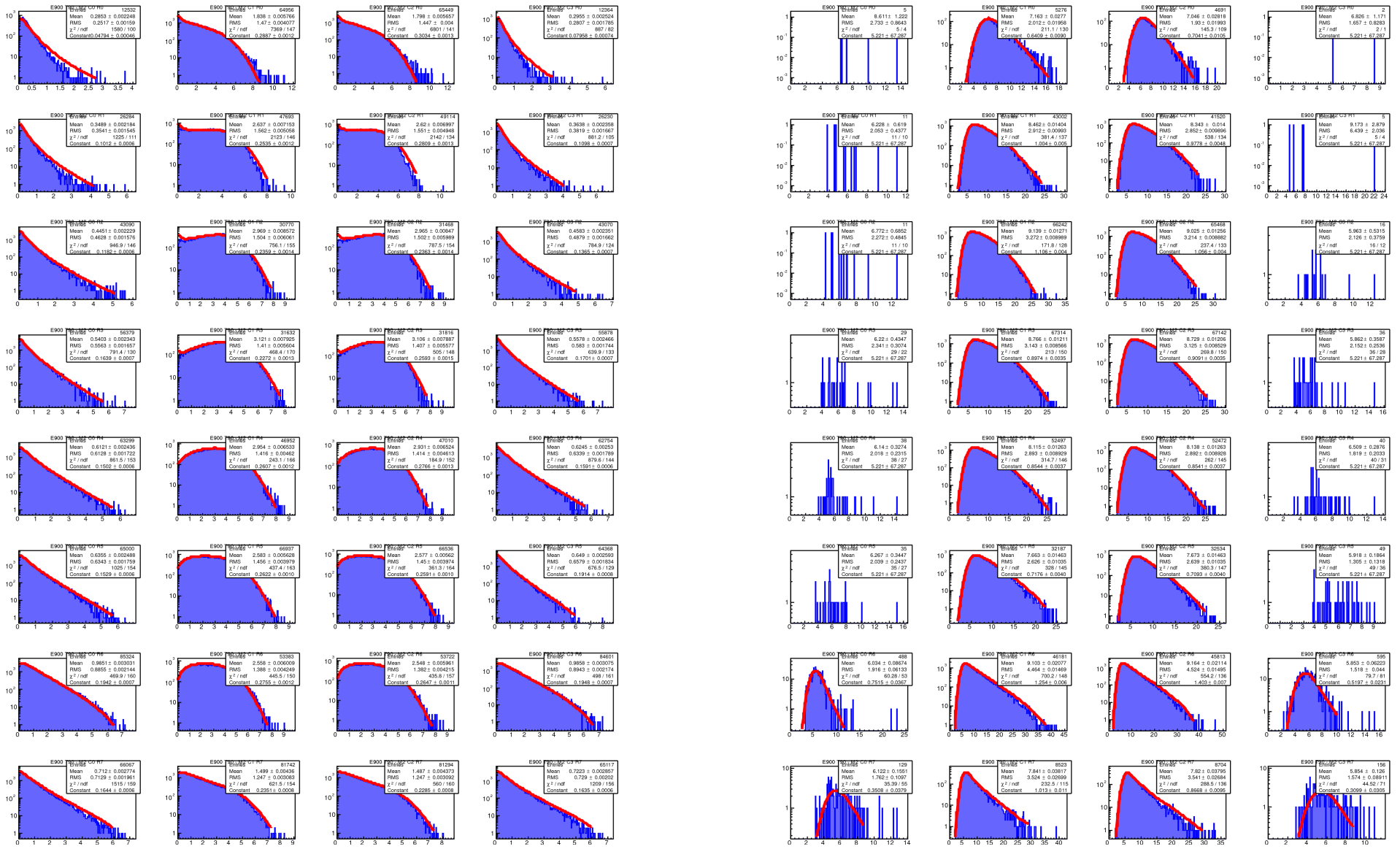
Status of Sample Fraction Study

Andrei Semenov (UofR)

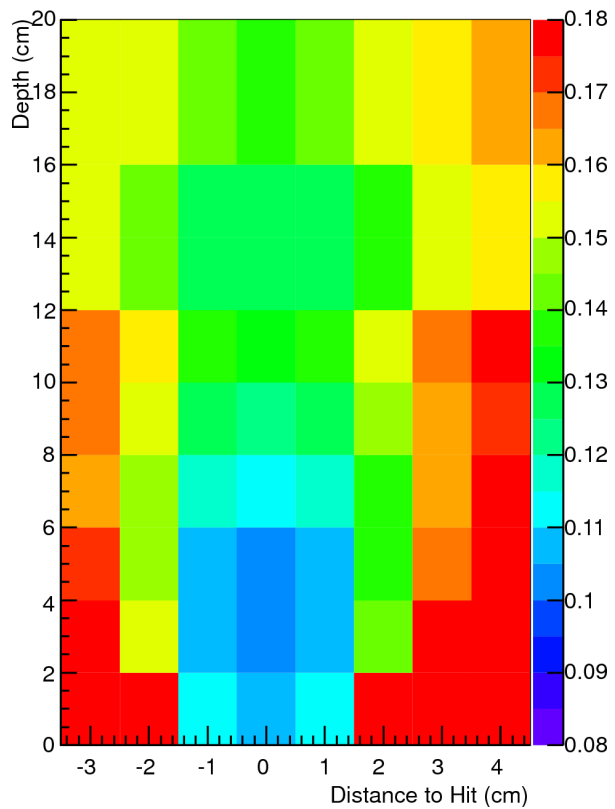
January 15, 2013

1. Update from the previous report (see Calorimetry meeting on September 25, 2012 for details)
2. High sensitivity on thresholds (272 keV on E_{tot} , and 30 keV on E_{fibers} for every readout cell)
3. Stat-Term coefficient is fixed for whole module as “const/sqrt(10.*SamplFract)”
4. Poisson distribution (though it should be Binomial one). Cut on the tail.
5. Split of the statistics (see next slide)

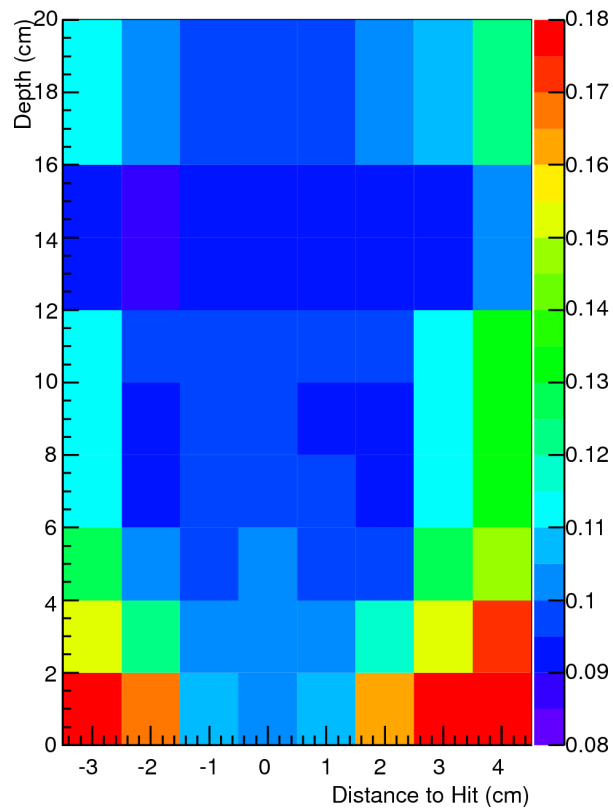




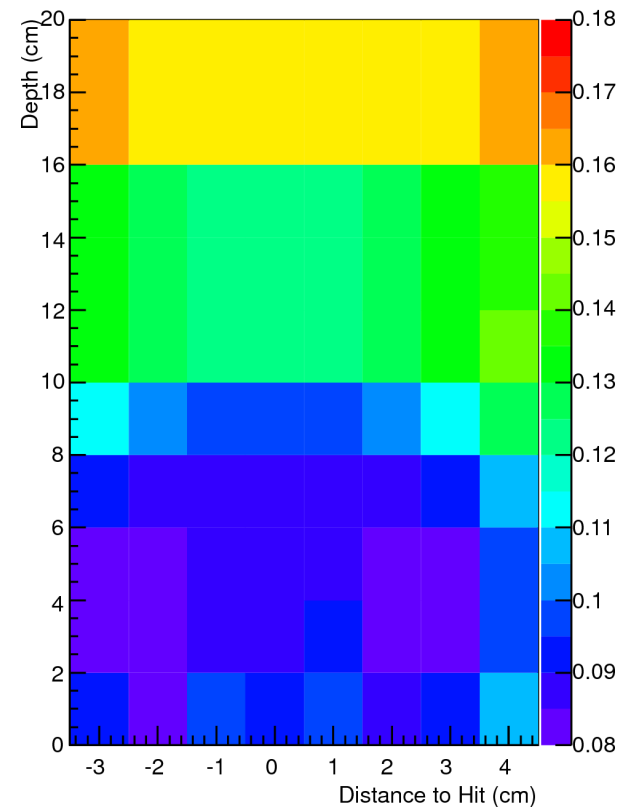
Sampl Fraction: E100 T80



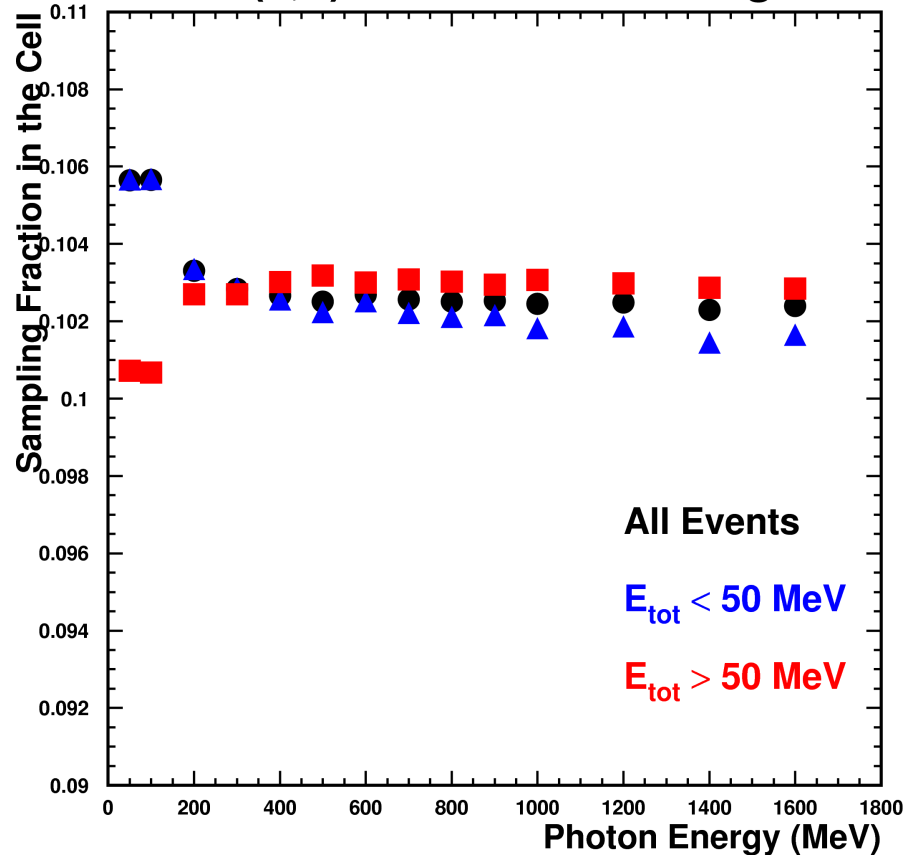
Sampl Fraction: E800 T80



Sampl Fraction: E1200 T20



Cell (2,1): Photons at 90 deg



Cell (2,1): Photons at 90 deg

