

## Snake Calibration

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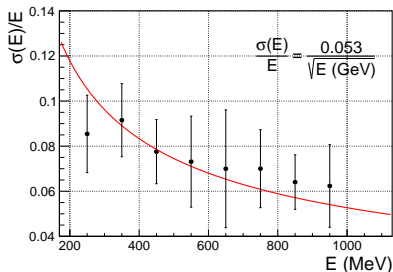
November 4, 2016



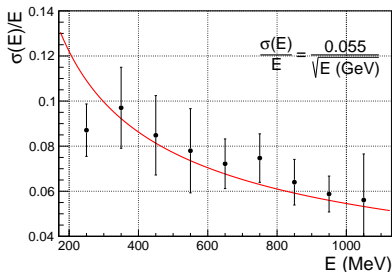
- Statistical uncertainties (non-visible) and systematic from non-uniformity: sigma of distribution

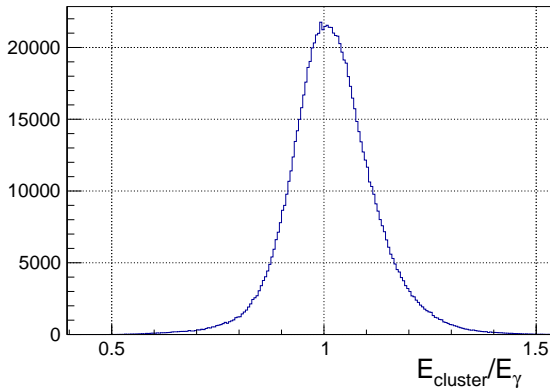
$$(X)_{module} = (\sigma(E)/E)_{module}$$

cpp

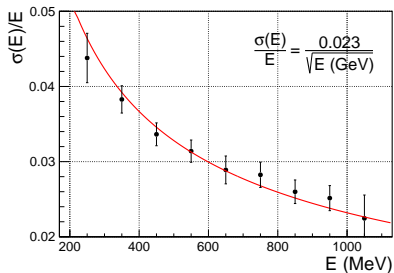


primex

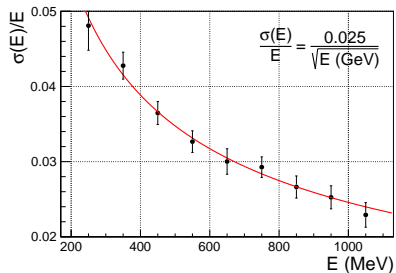


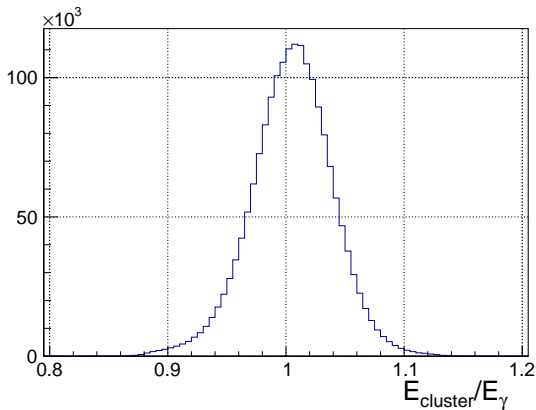


cpp

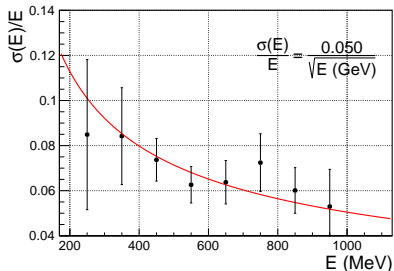


primex

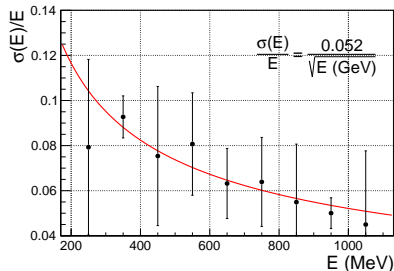




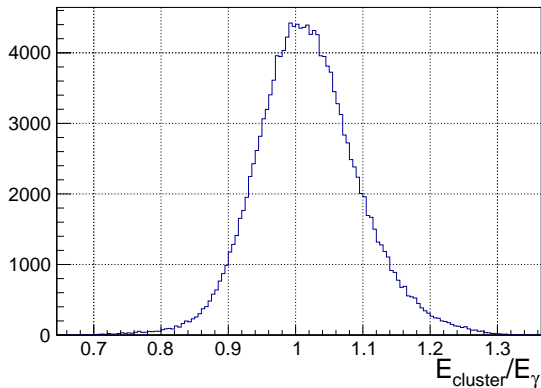
cpp



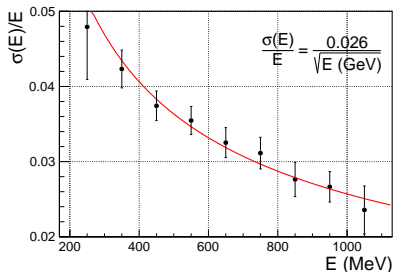
primex



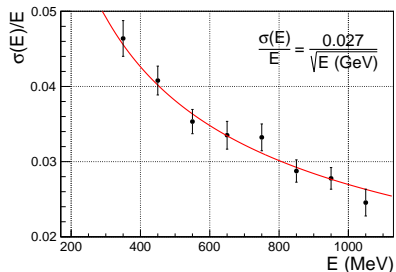
# Distribution ratio PWO for $E=550$ MeV, transition region



cpp

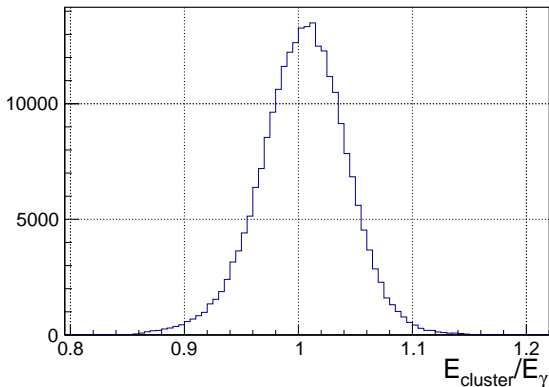


primex



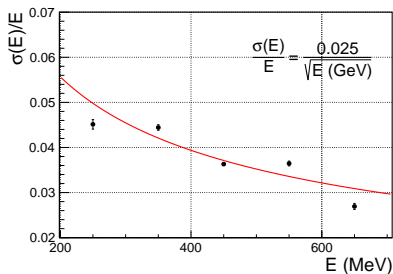


# Distribution ratio PWO for E=550 MeV, transition region

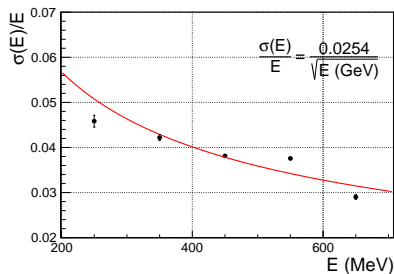


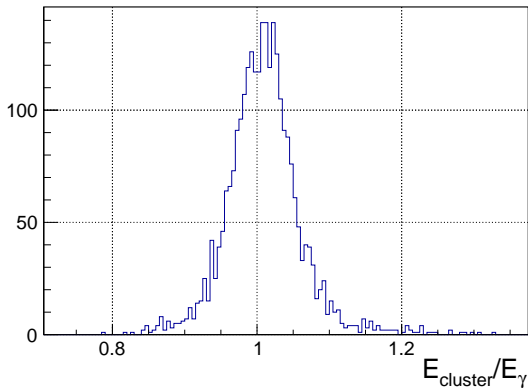
- ▶ Only statistical uncertainties (non-uniformity distribution not relevant here)

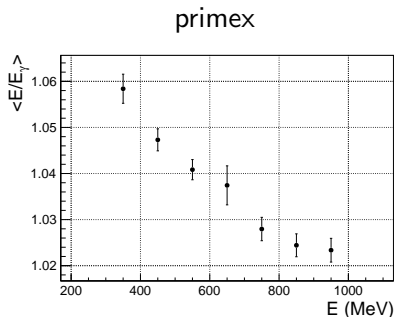
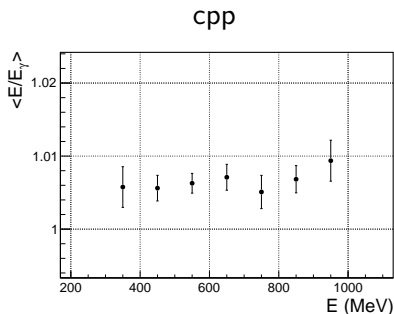
cpp



primex







- ▶ Value above 1. may be due to 1 MeV cut and discretization at 0.1MeV
- ▶ May need another pass using PRadEventViewer code
- ▶ Non linearity depending on 1 MeV cut