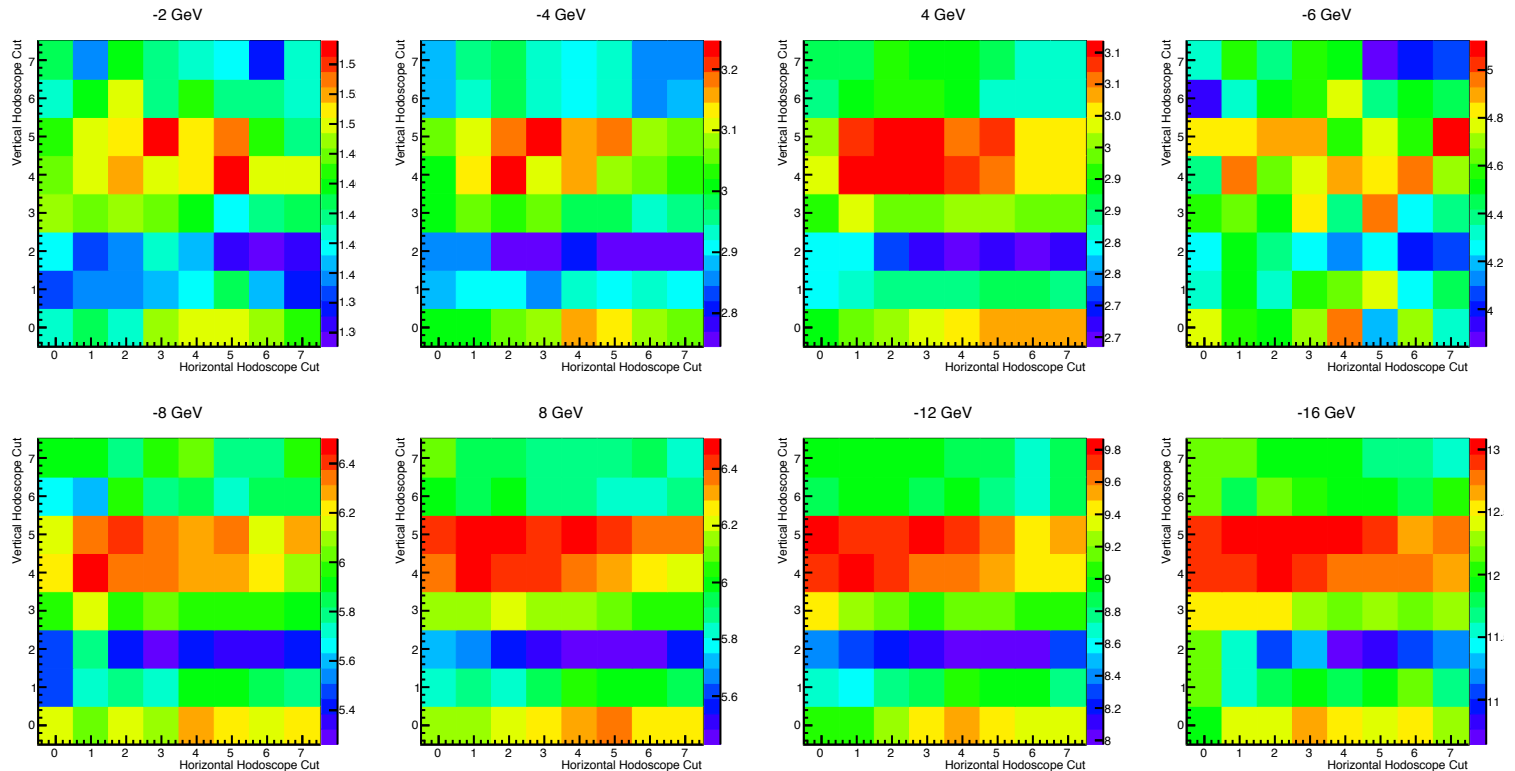


Testbeam High Rapidity Runs Analysis

Run Numbers

Energy	Run
-2 GeV	2846
-4 GeV	2847
-6 GeV	2850
-8 GeV	2853
-12 GeV	2860
-16 GeV	2861
4 GeV	2849
8 GeV	2858

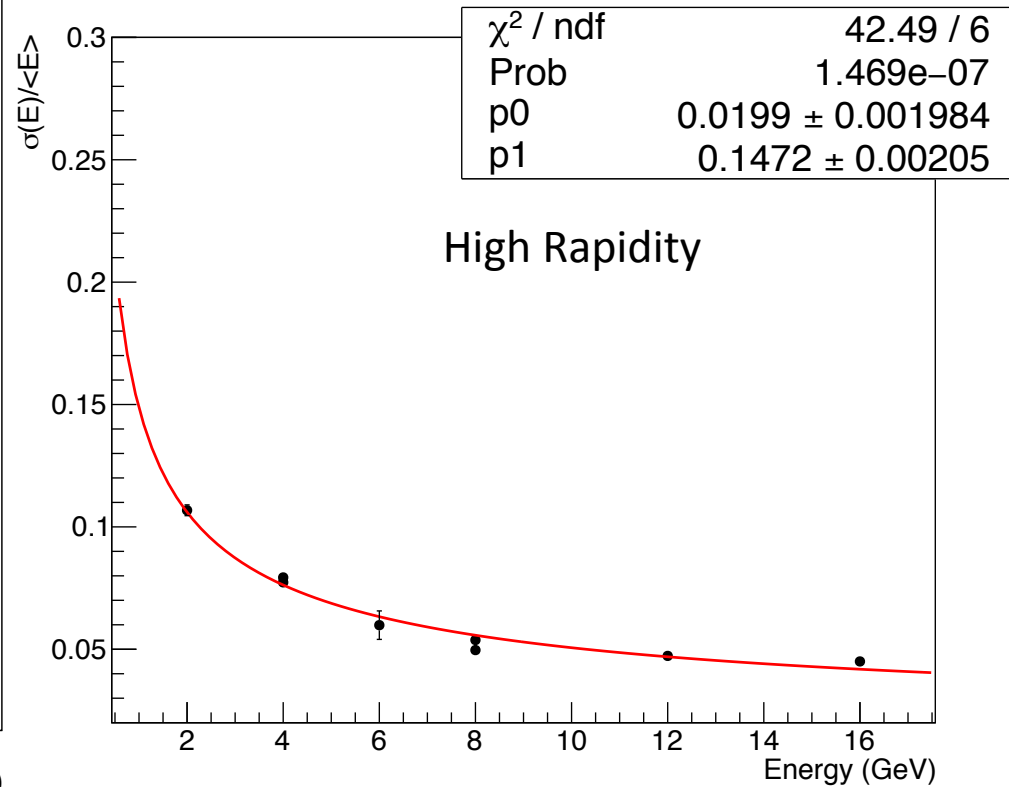
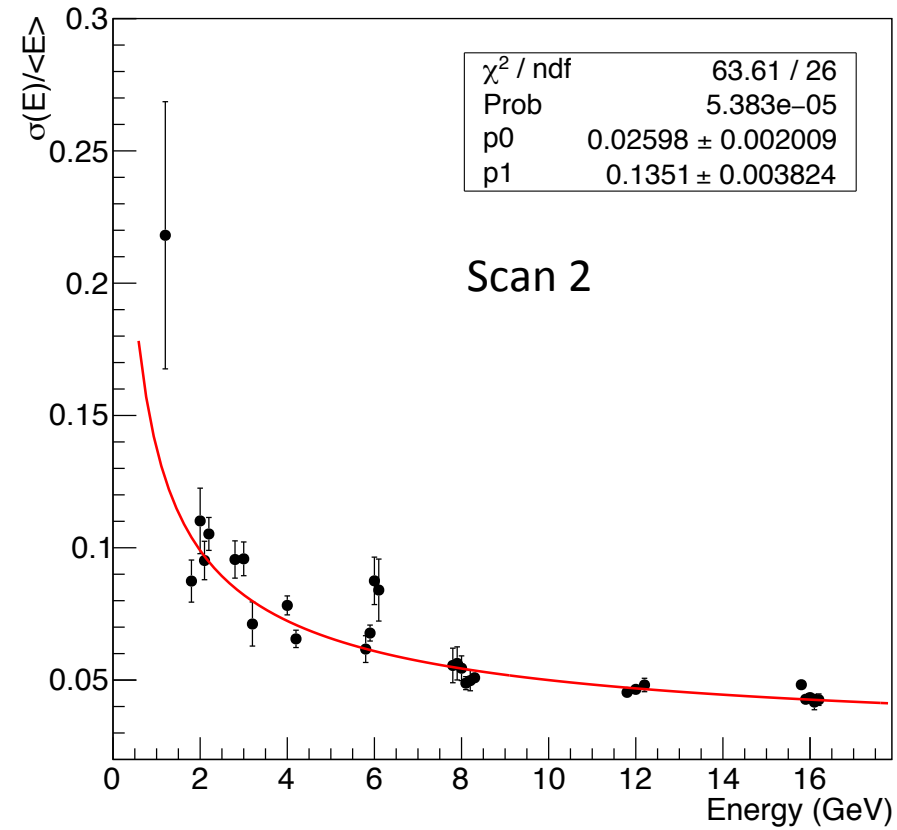
Mean Energy by Hodoscope Cuts



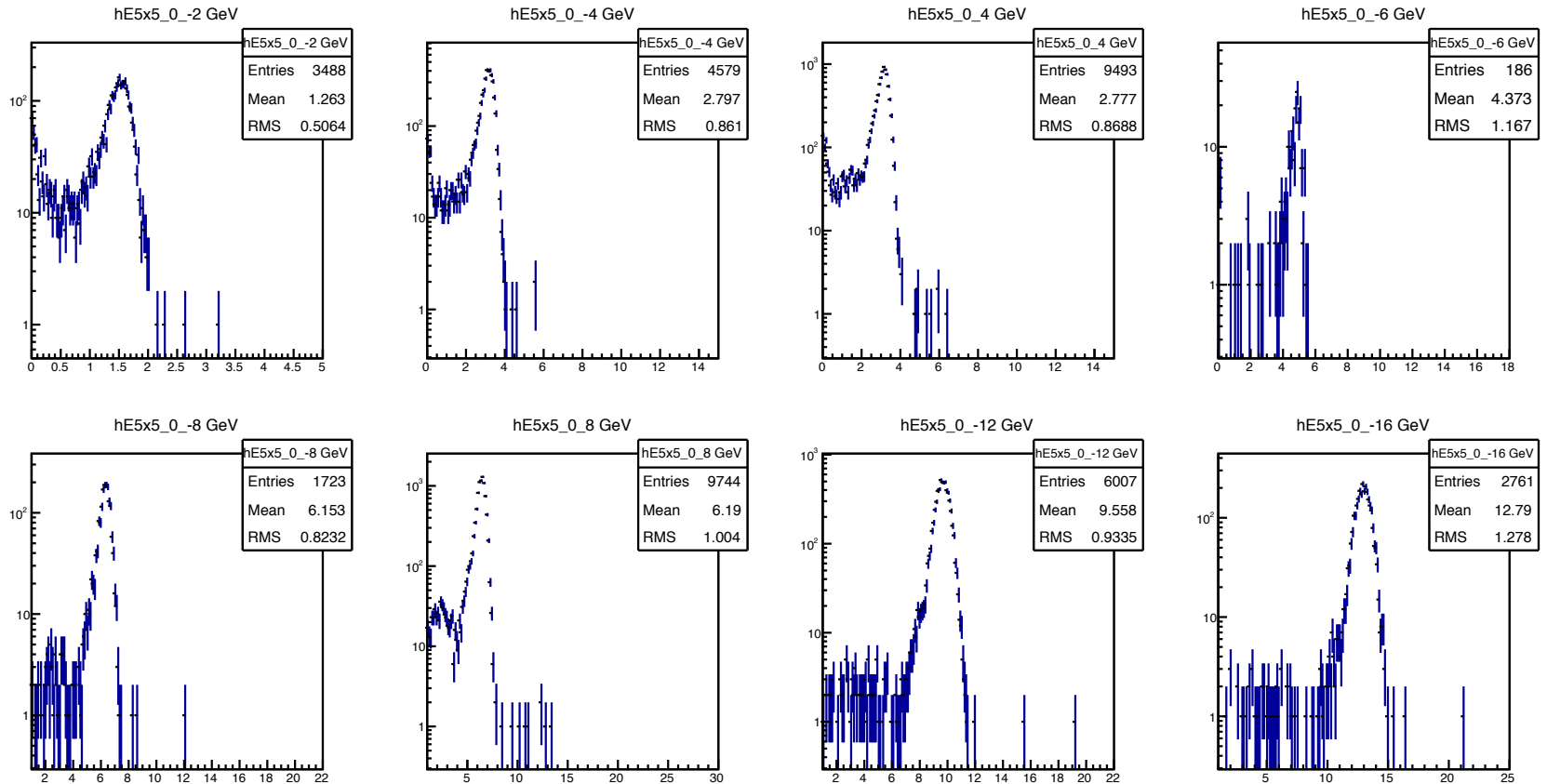
Cuts:

- Cherenkov: $\text{abs}(C2_inner_new_t + C2_outer_new_t) > 100$
- Veto: $\text{Veto1_t} < 15 \ || \ \text{Veto2_t} < 15 \ || \ \text{Veto3_t} < 15 \ || \ \text{Veto4_t} < 15$
- Horizontal hodoscope: none
- Vertical hodoscope: $\text{abs}(\text{Vert_HODO_R4_t}) > 30 \ || \ \text{abs}(\text{Vert_HODO_R5_t}) > 30$

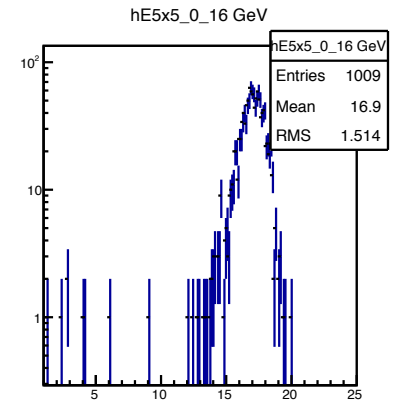
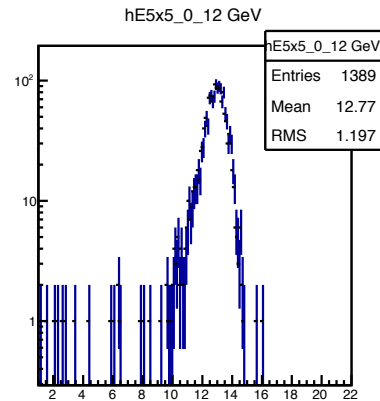
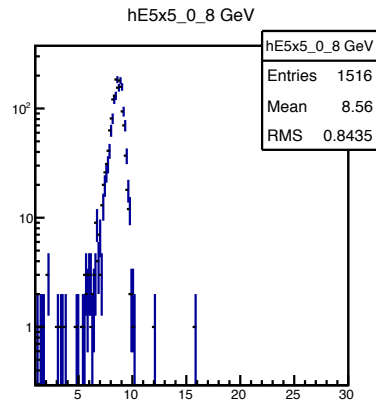
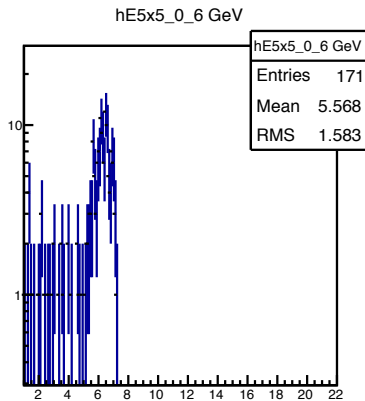
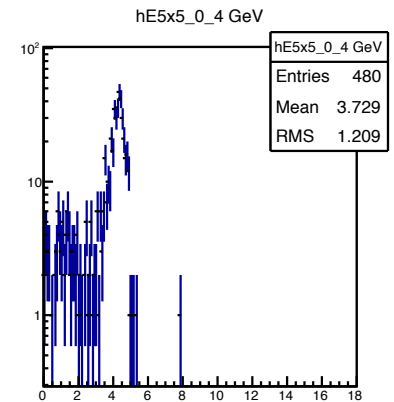
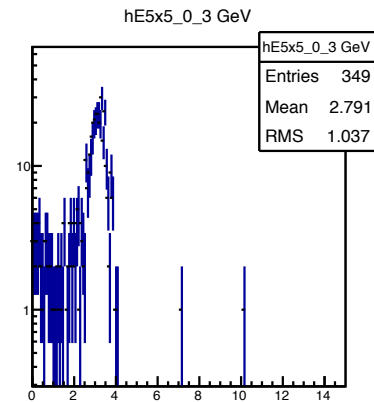
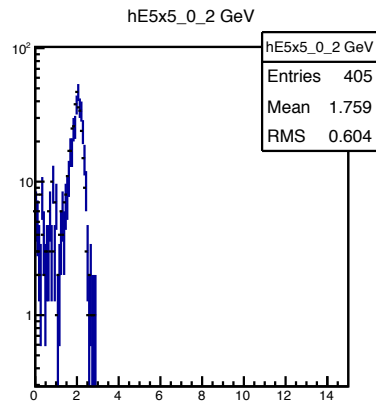
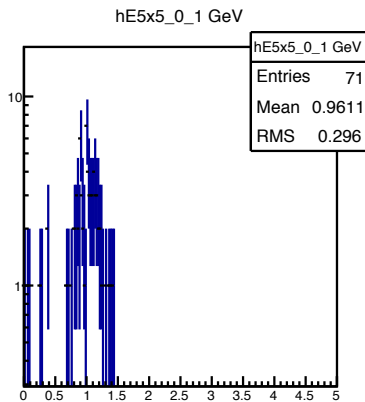
Resolution



High Rapidity 5 by 5 Energy Distributions



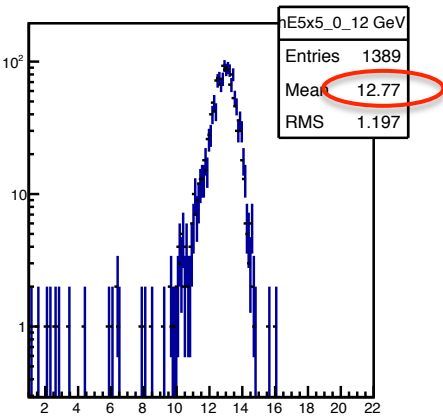
Scan 2 5 by 5 Energy Distributions



5 by 5 Energy Distributions

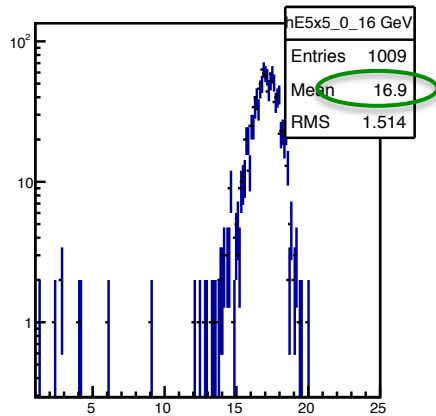
- High rapidity mean 5 by 5 energies are lower than the scan 2 energies

hE5x5_0_12 GeV

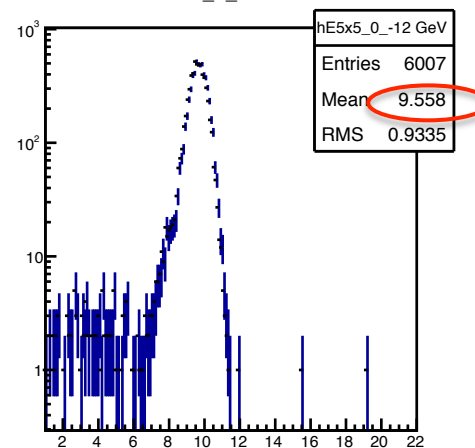


Scan 2

hE5x5_0_16 GeV

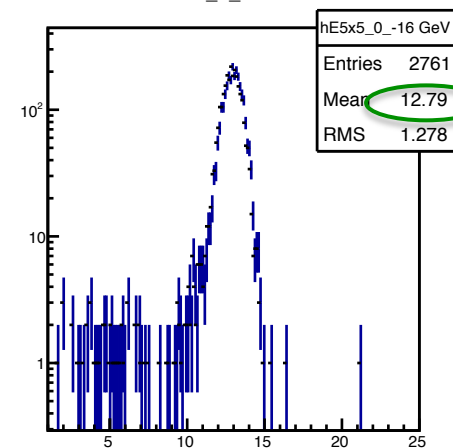


hE5x5_0_-12 GeV



High Rapidity

hE5x5_0_-16 GeV



High Rapidity Linearity and Resolution

