

General HCal Energy Calibration Info

Experiment: gmn, Configuration: 4, Pass: 0

Creation Date: 6_13_2023

Target(s) Used: LH2

Calibration Set: none

Elastic Cuts

Global Elastic Cuts: $bb.tr.n==1 \&\& bb.ps.e>0.2 \&\& abs(bb.tr.vz[0])<0.08 \&\& bb.ge$

W2 mean (GeV): 0.837666

W2 sigma (GeV): 0.094884

dx mean, neutron (m): 0.019140

dx mean, proton (m): 0.019140

dx sigma, neutron (m): 0.059110

dx sigma, proton (m): 0.059110

dy mean (m): -0.036180

dy sigma (m): 0.072440

adc time mean (ns): 51.377000

adc time sigma (ns): 3.475410

Other Cuts

Minimum Ev per Cell : 100

Minimum Energy Deposited in Cell (factor, vs expectation) : 0.01

HCal Active Area (Projected Nucleon 1 row/col Within HCal Acceptance)