Sampling fraction vs xHCAL distribution

hfsample	
Entries	6937
Mean x	−1.175
Mean y	0.09984
Std Dev x	0.8213
Std Dev y	0.04497

eHCAL*2*mp/Q^2
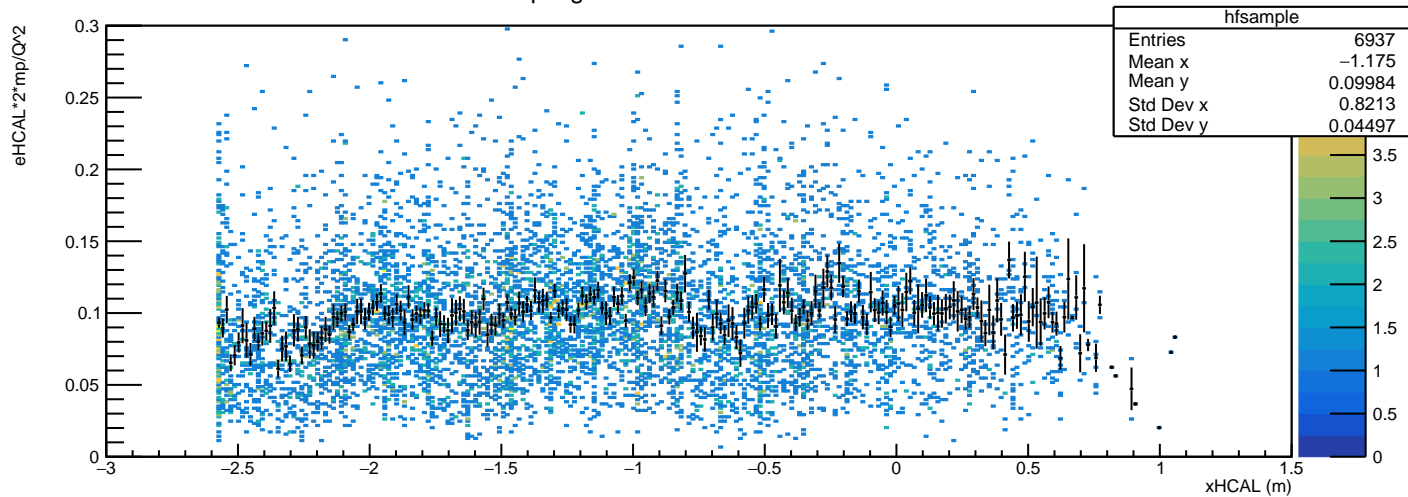
xHCAL (m)

Sampling fraction distribution

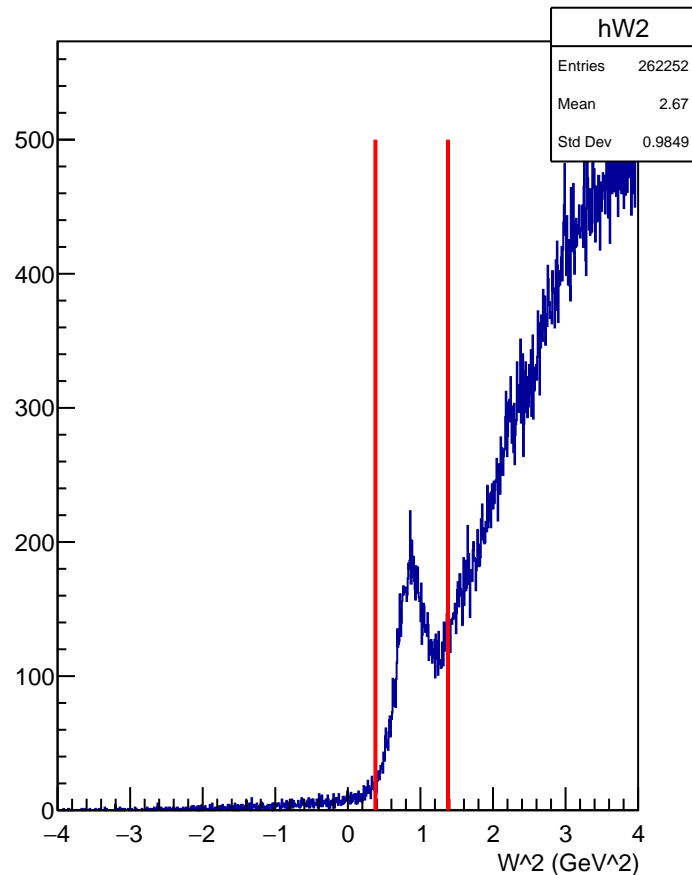| hfs	
Entries	6937
Mean	0.1004
Std Dev	0.04642

eHCAL*2*mp/Q^2

cointime distribution

hcointime	
Entries	656401
Mean	95.4
Std Dev	23.18

cointime (ns)

W2 distribution

hW2	
Entries	262252
Mean	2.67
Std Dev	0.9849

W^2 (GeV^2)

dx vs dy distribution

hdxdy	
Entries	14536
Mean x	0.03583
Mean y	−1.406
Std Dev x	0.3471
Std Dev y	0.7025

dx (m)
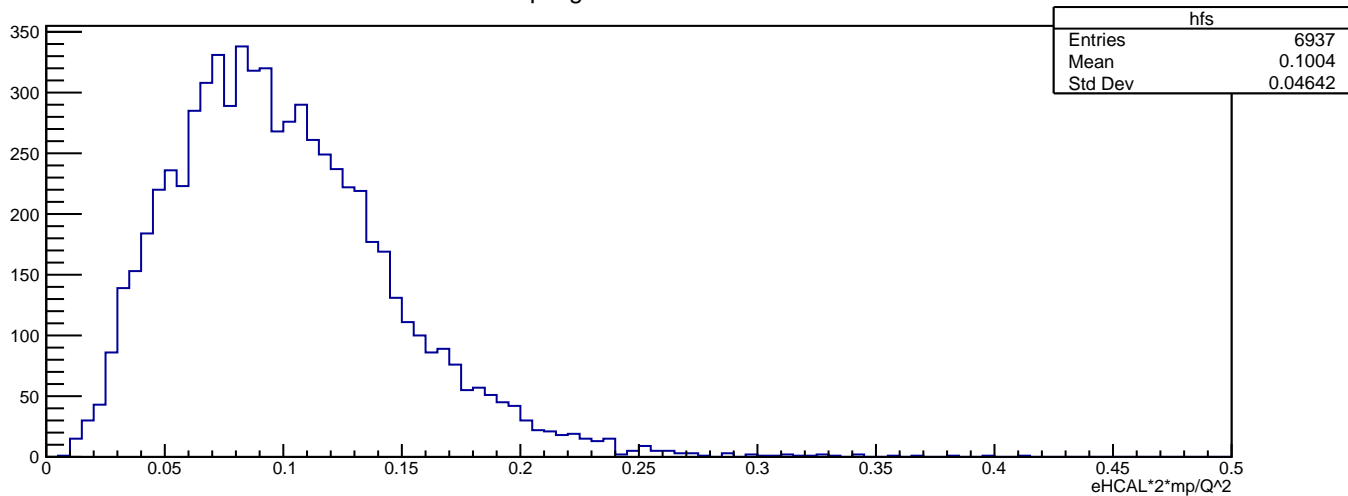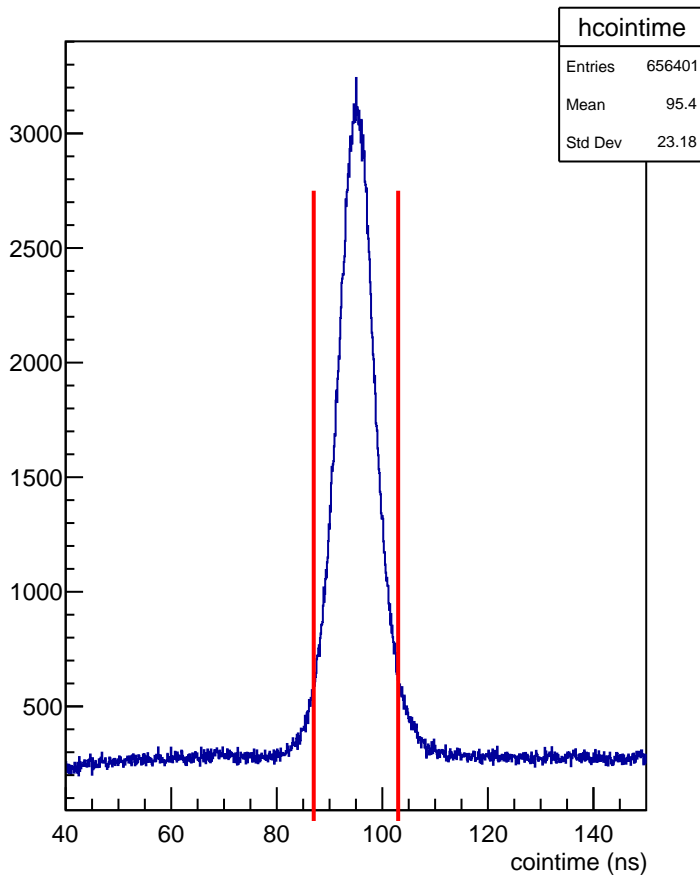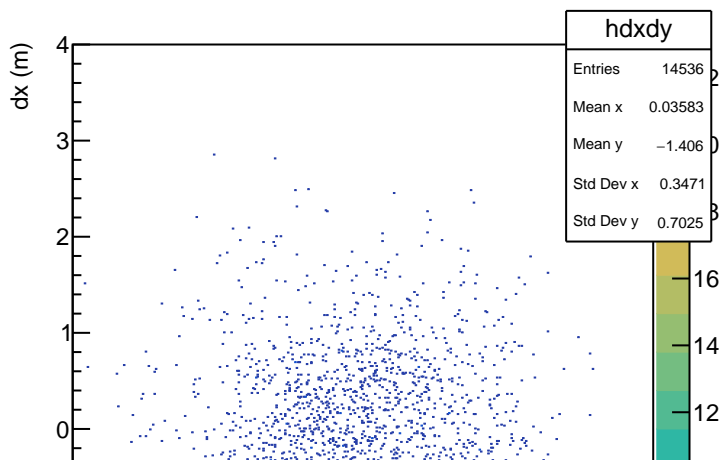
Outgoing nucleon momentum

hpN	
Entries	6937
Mean	0.00966
Std Dev	0.1565
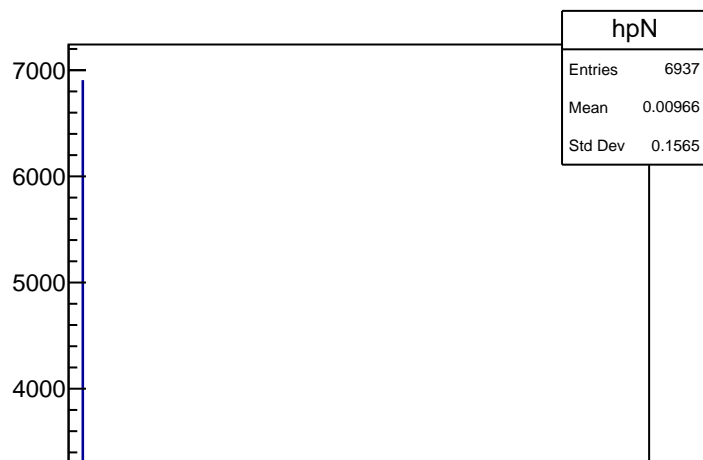
Actual energy dep/expected energy dep vs xHCAL

heratio	
Entries	6937
Mean x	−1.12
Mean y	0.1884
Std Dev x	0.8295
Std Dev y	0.1007

y-axis: eHCAL/(sqrt(mp*mp+trP_sbs*trP_sbs)-mp)

x-axis: xHCAL (m)

Actual energy dep/expected energy dep

her	
Entries	6937
Mean	0.1884
Std Dev	0.1007

sampling fraction vs blk id

hfsvblkid	
Entries	34793
Mean x	111.1
Mean y	0.1757
Std Dev x	62.41
Std Dev y	0.07771