Sampling fraction vs xHCAL distribution

hfsample	
Entries	163184
Mean x	−1.25
Mean y	0.1144
Std Dev x	0.8408
Std Dev y	0.0495

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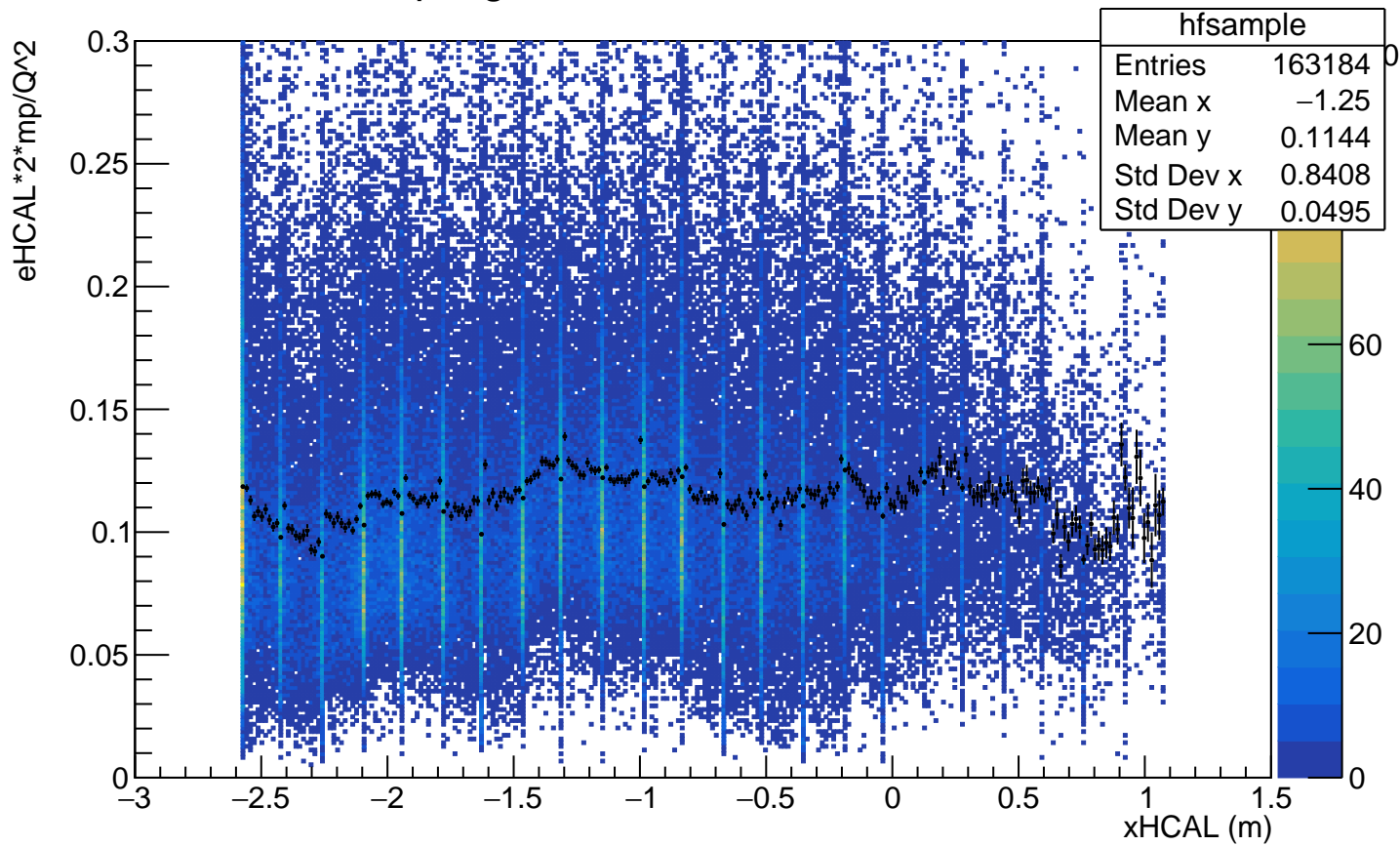
xHCAL (m)

Sampling fraction distribution

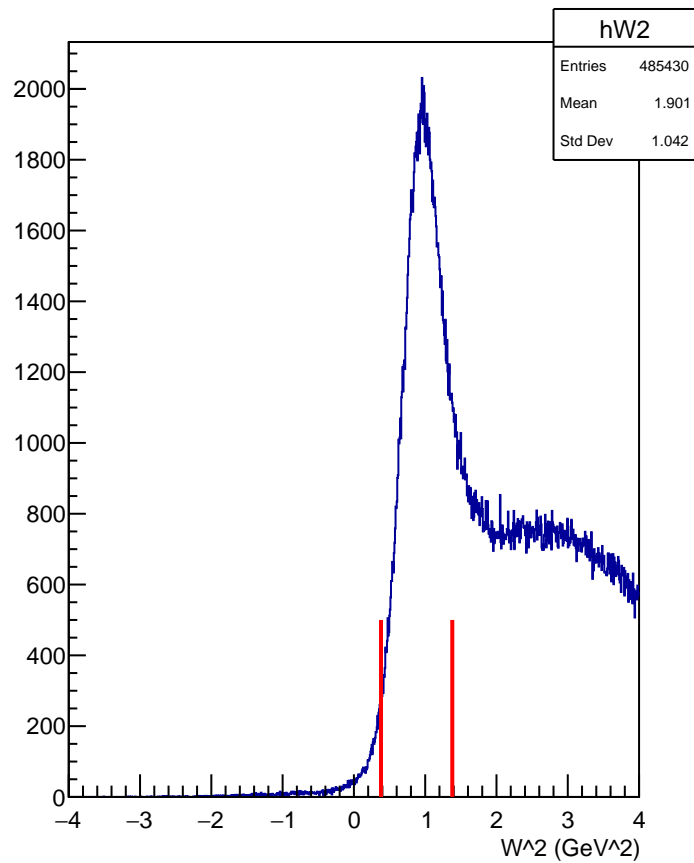| hfs	
Entries	163184
Mean	0.1169
Std Dev	0.05528

eHCAL*2*mp/Q^2

cointime distribution

hcointime	
Entries	631414
Mean	101.4
Std Dev	12.33

W2 distribution

hW2	
Entries	485430
Mean	1.901
Std Dev	1.042

dx vs dy distribution

hdxdy	
Entries	163184
Mean x	−0.2825
Mean y	−2.566
Std Dev x	0.6181
Std Dev y	0.6742
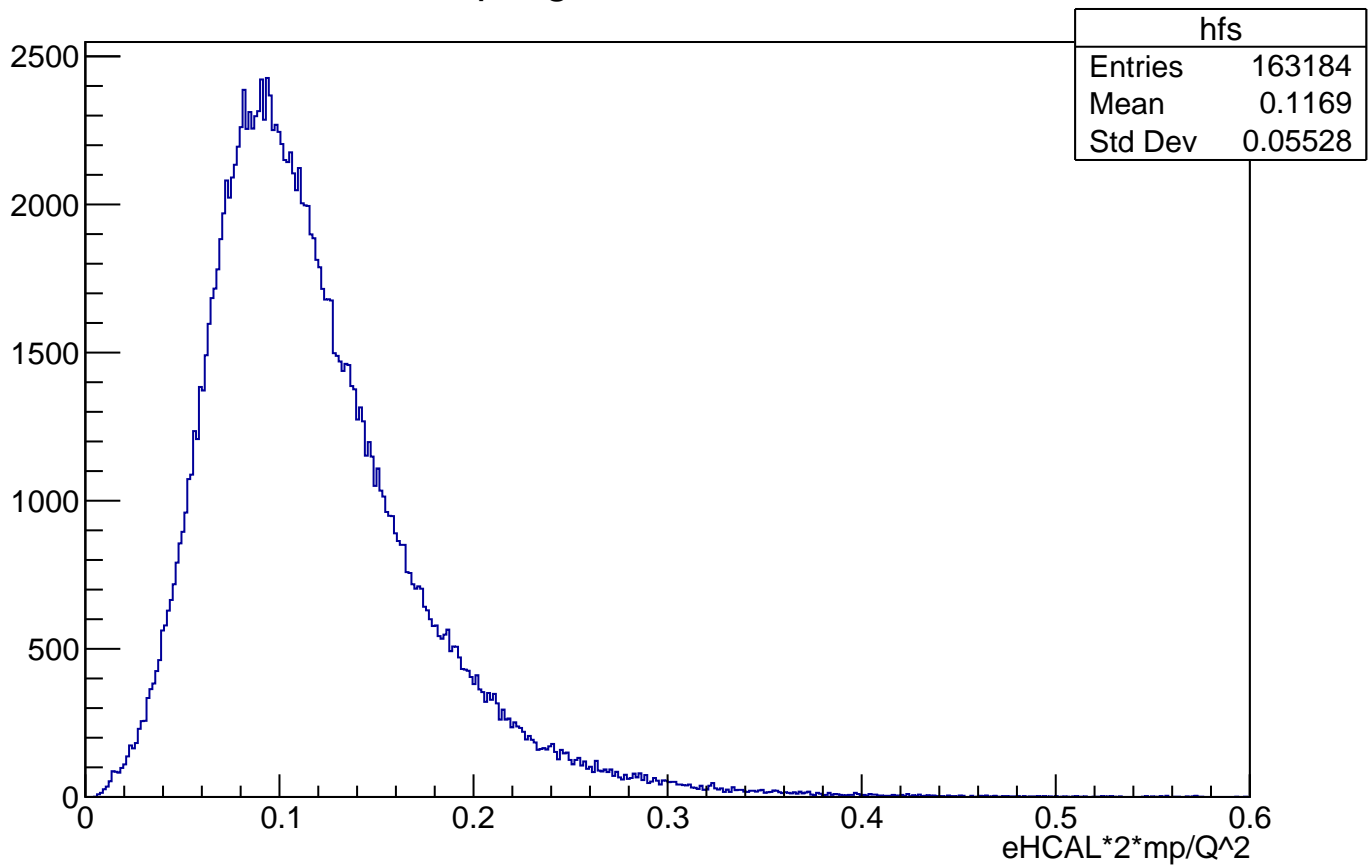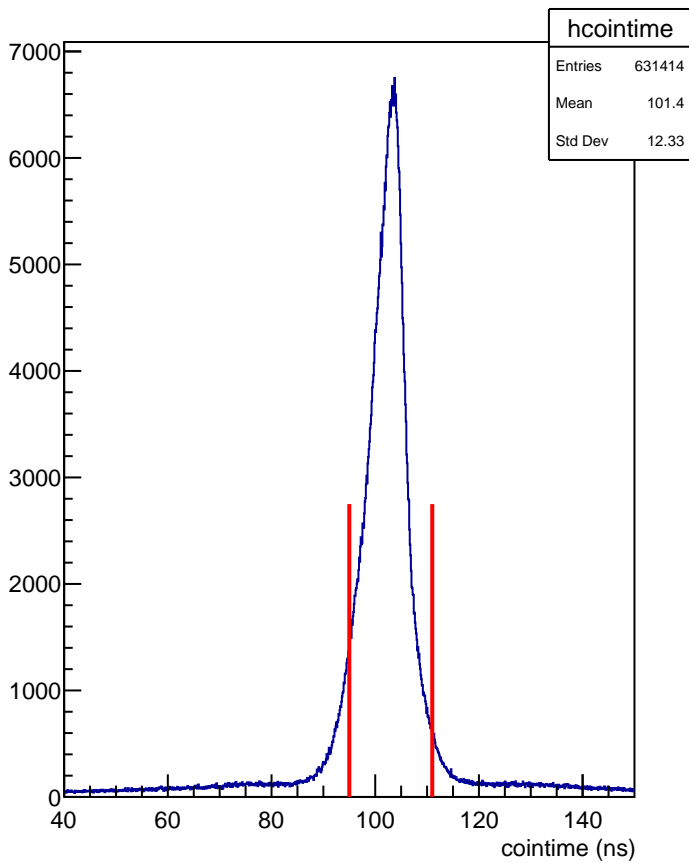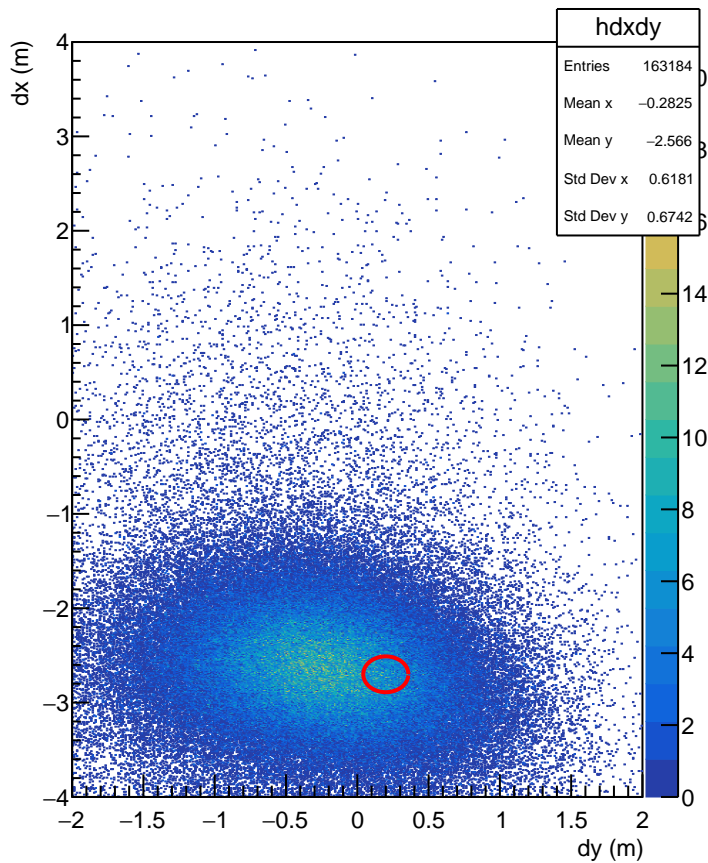
Outgoing nucleon momentum

hpN	
Entries	163184
Mean	2.289
Std Dev	0.2138
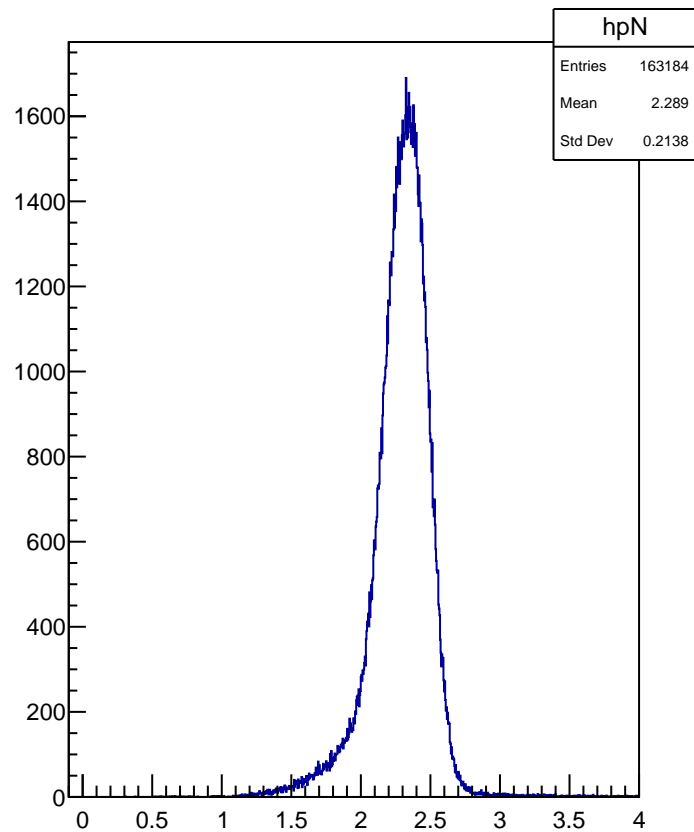
Actual energy dep/expected energy dep vs xHCAL

heratio	
Entries	163184
Mean x	−1.25
Mean y	0.1195
Std Dev x	0.8404
Std Dev y	0.05509

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

Actual energy dep/expected energy dep

her	
Entries	163184
Mean	0.1195
Std Dev	0.05509
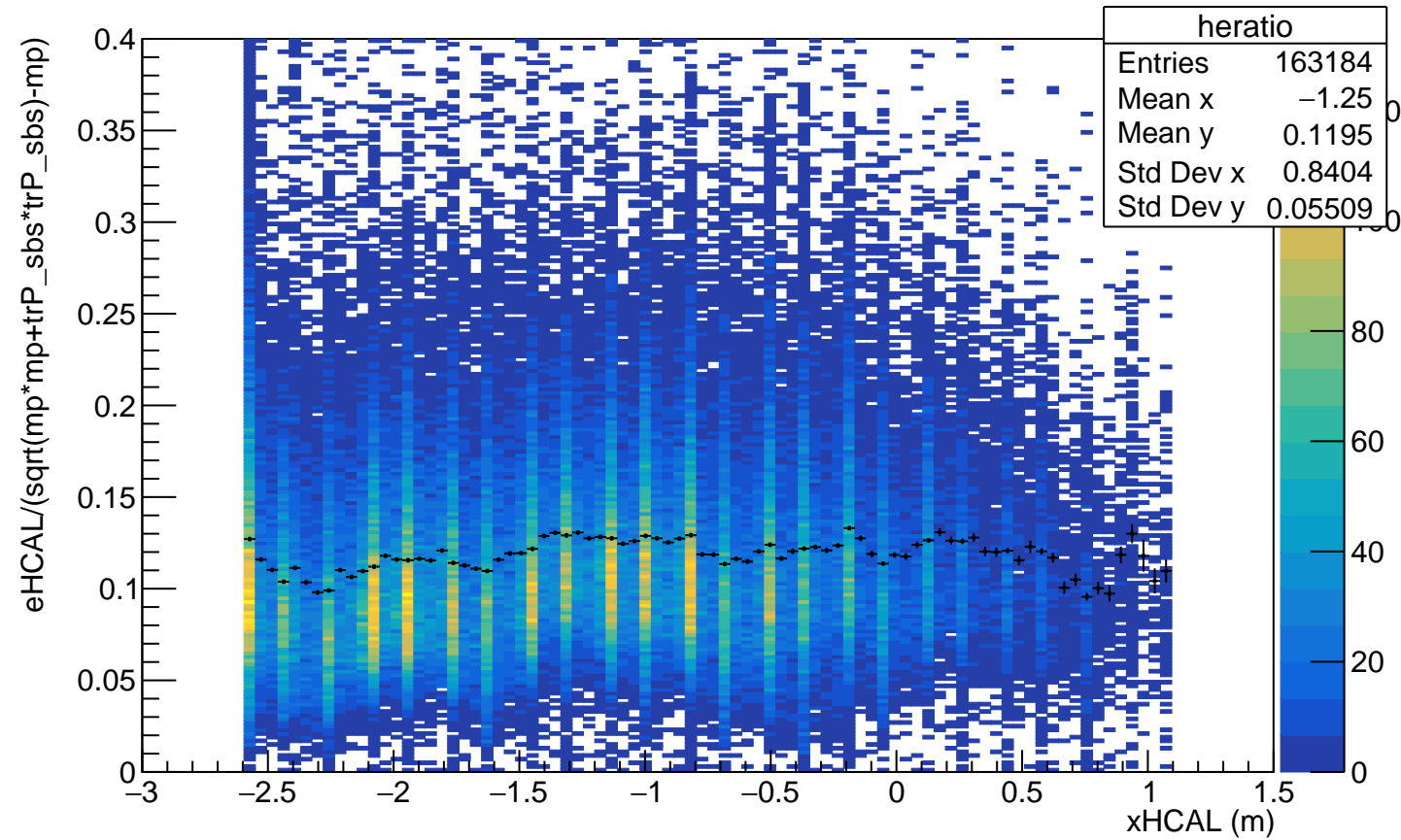
x-axis: eHCAL/(sqrt(mp*mp+trP_sbs*trP_sbs)-mp)

sampling fraction vs blk id

hfsvblkid	
Entries	441791
Mean x	108.7
Mean y	0.1206
Std Dev x	64.23
Std Dev y	0.04973