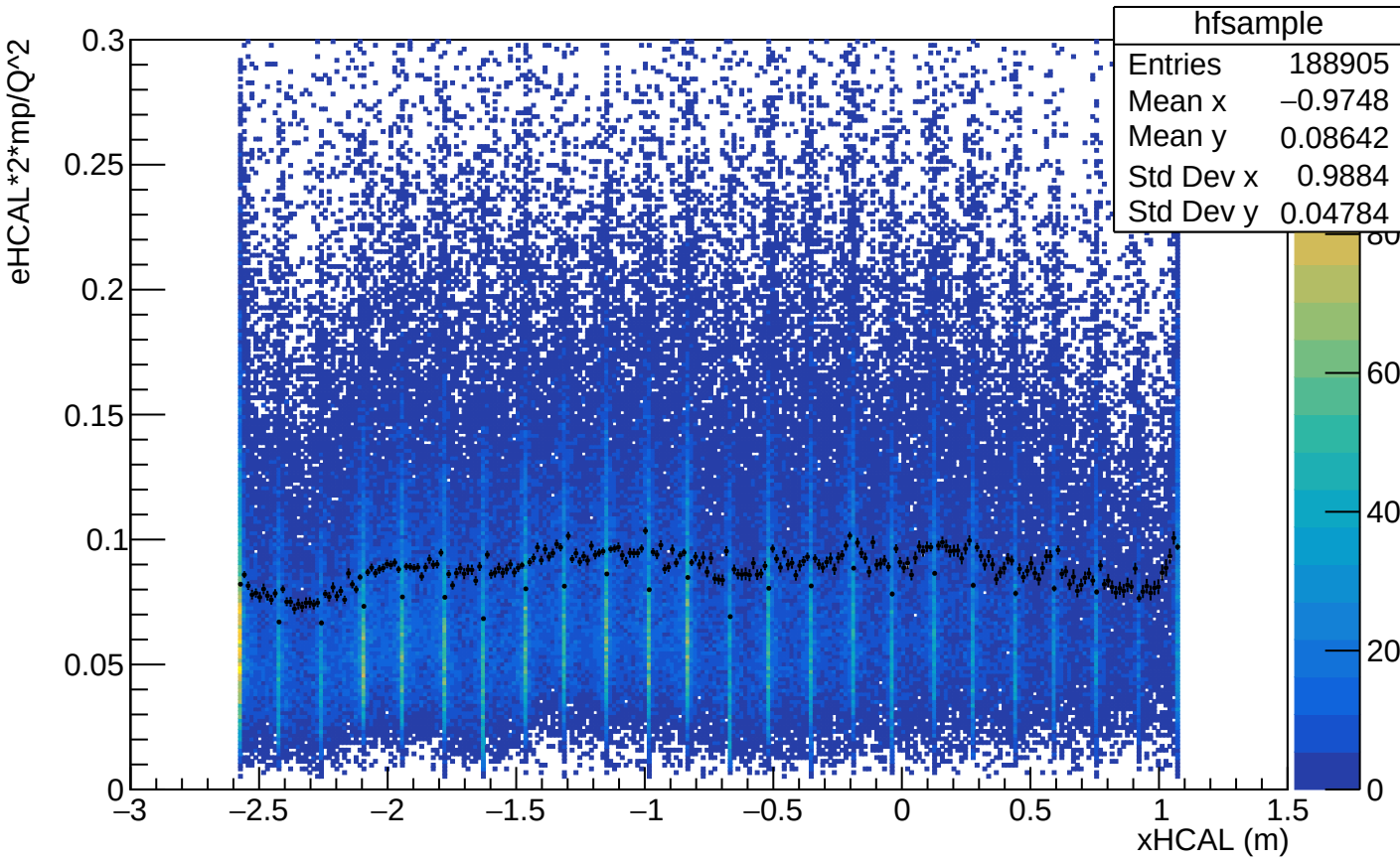
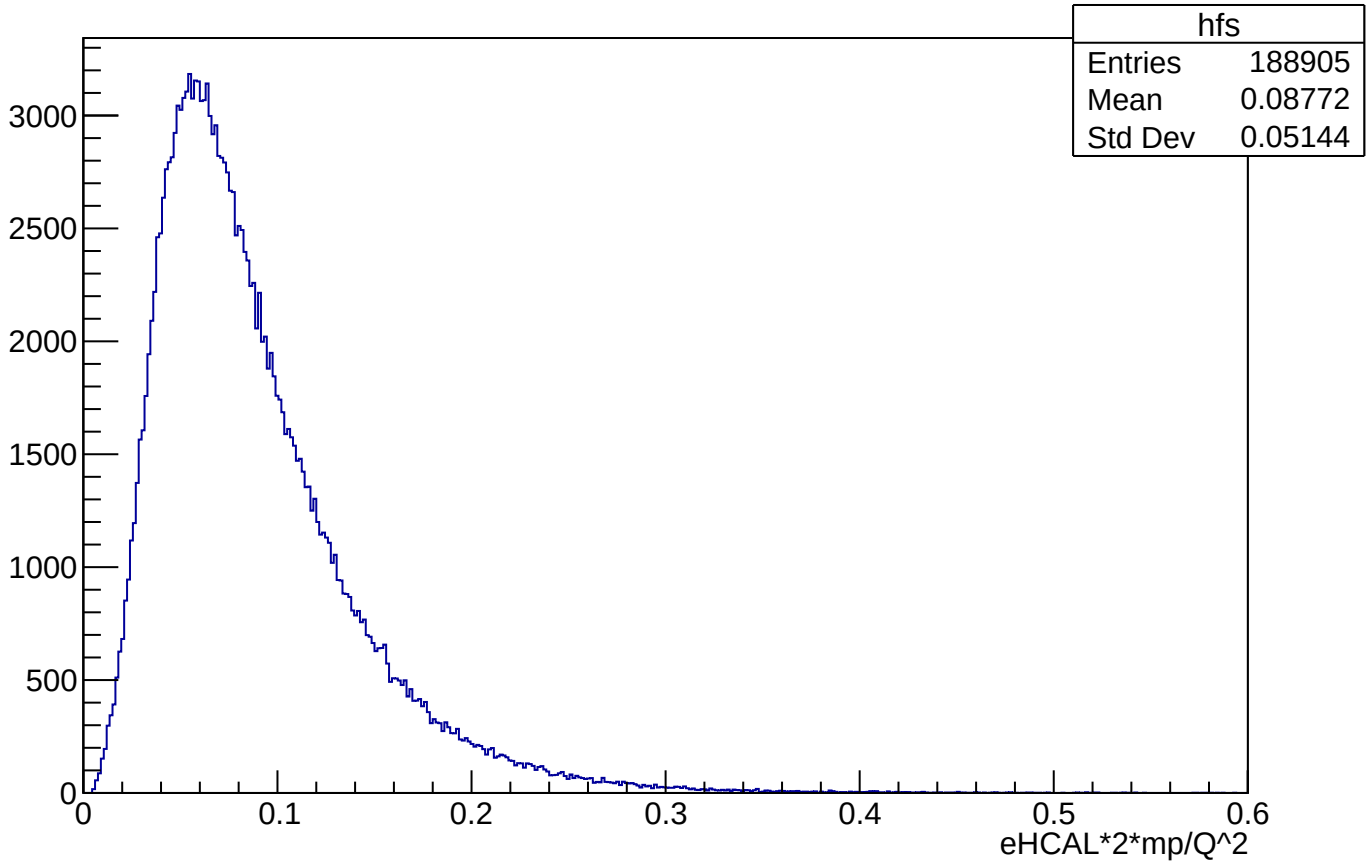
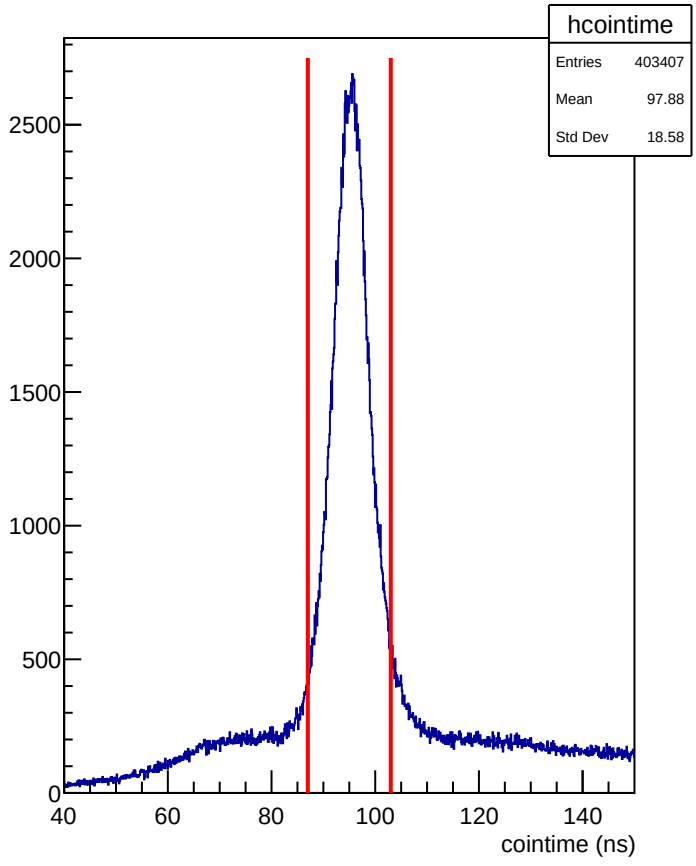
Sampling fraction vs xHCAL distribution



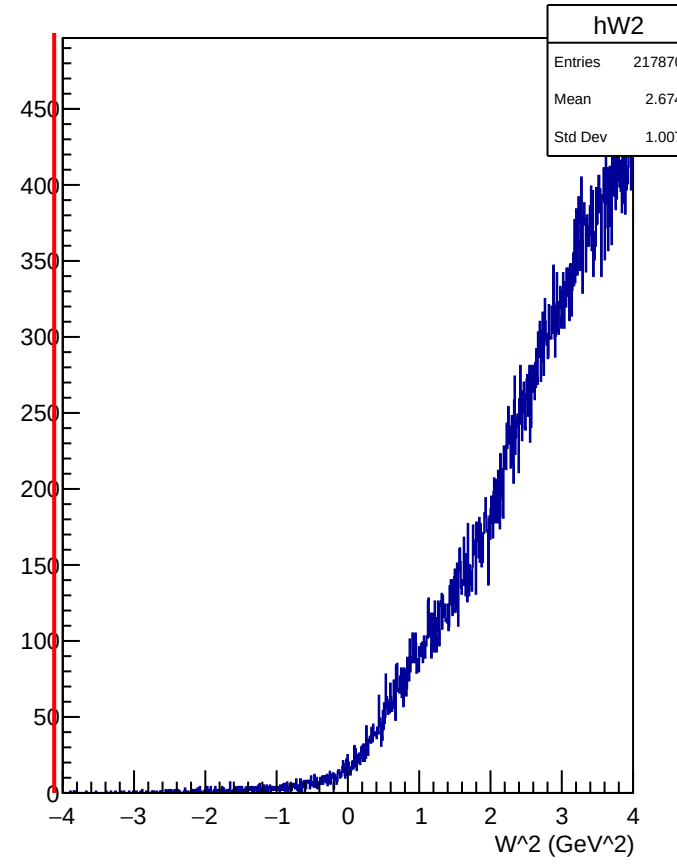
Sampling fraction distribution



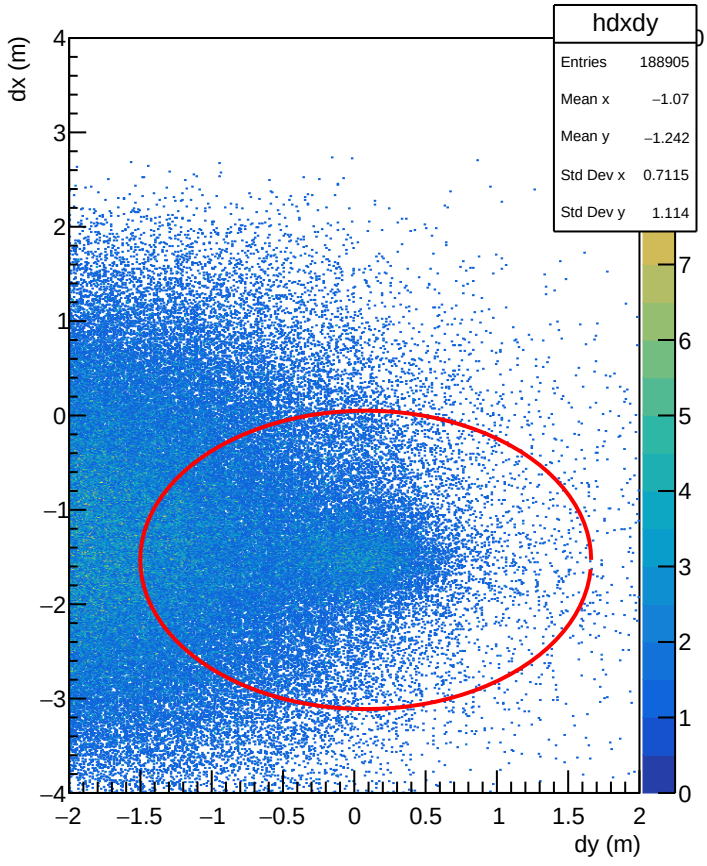
cointime distribution



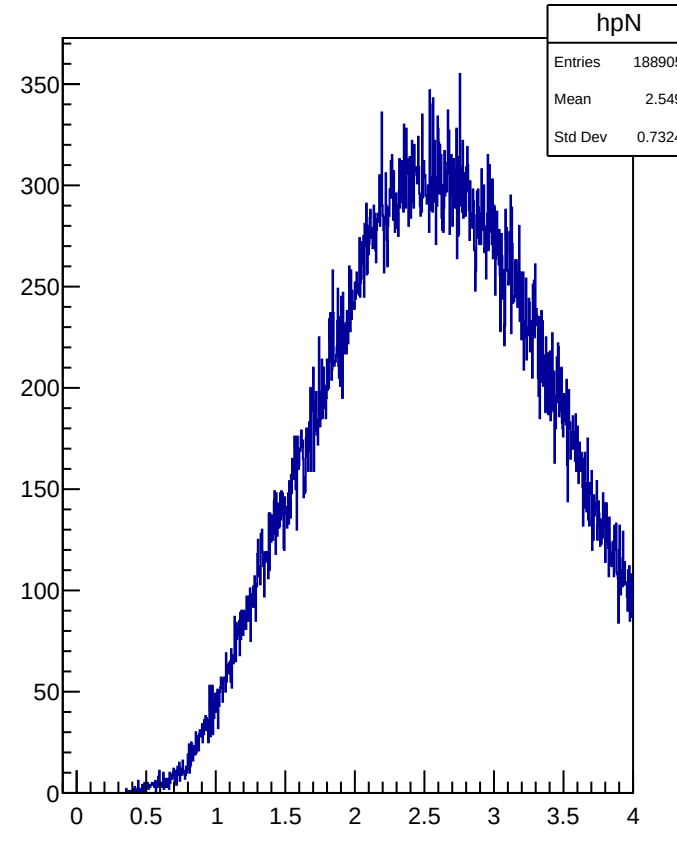
W2 distribution

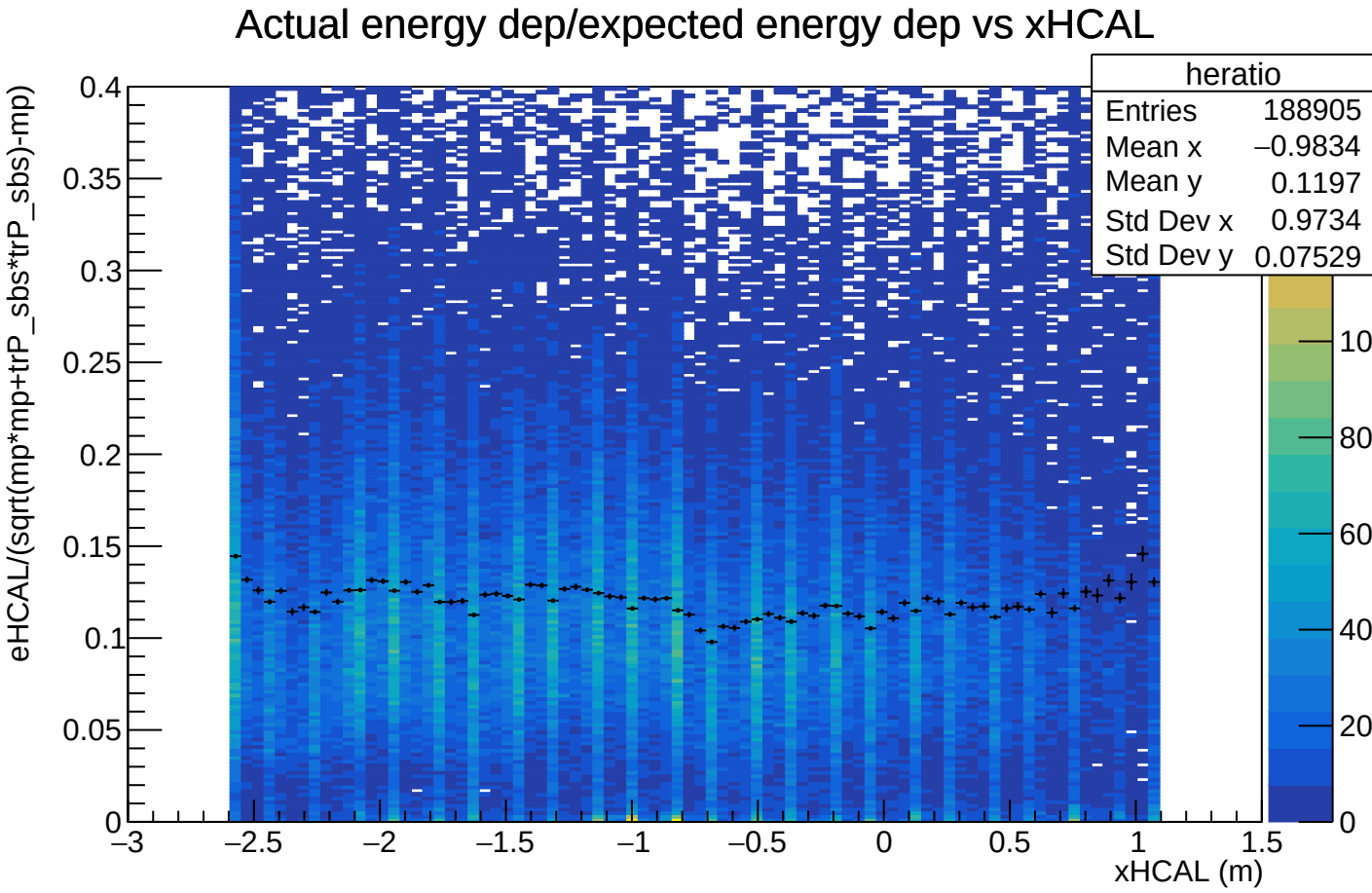


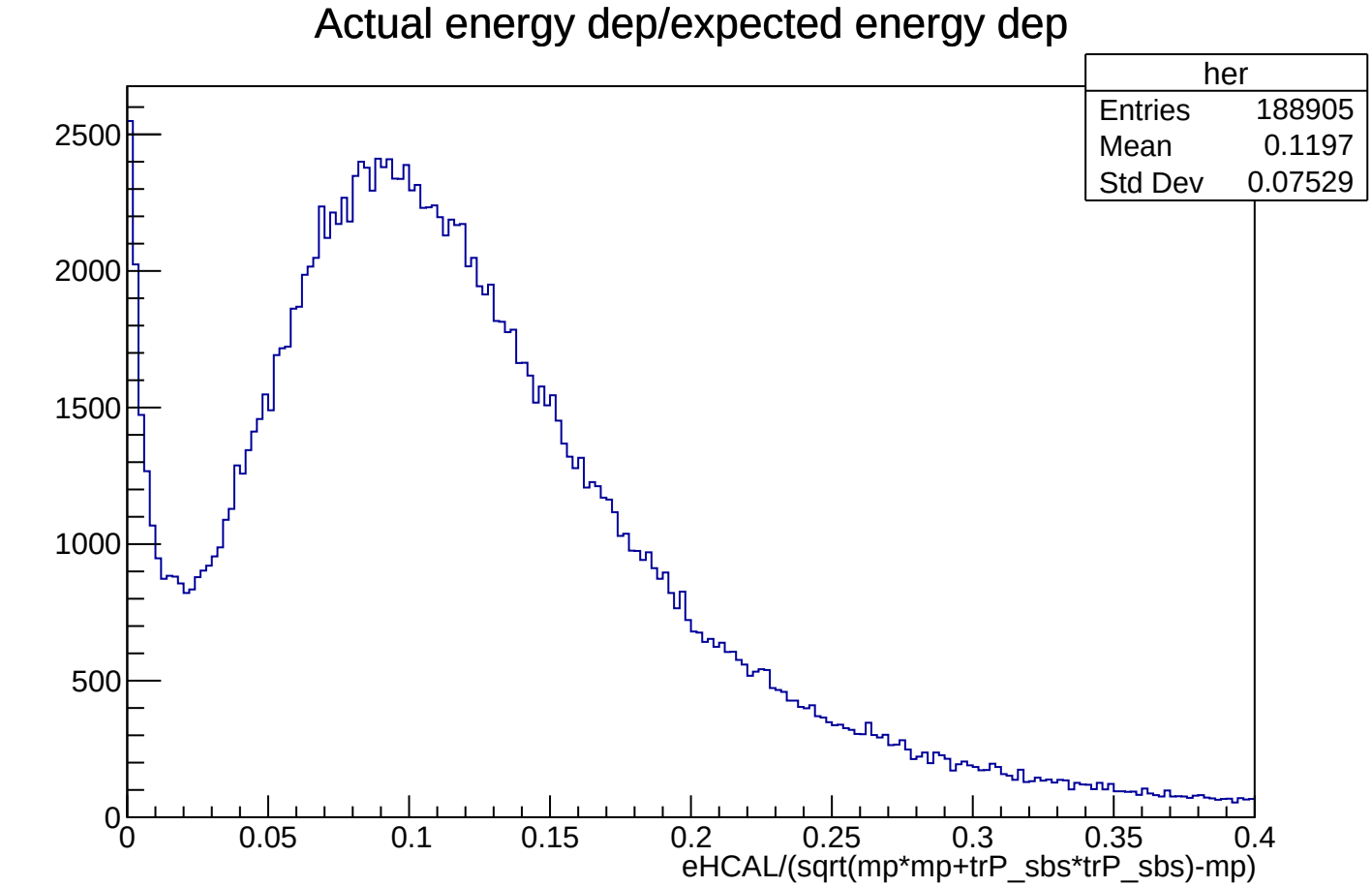
dx vs dy distribution

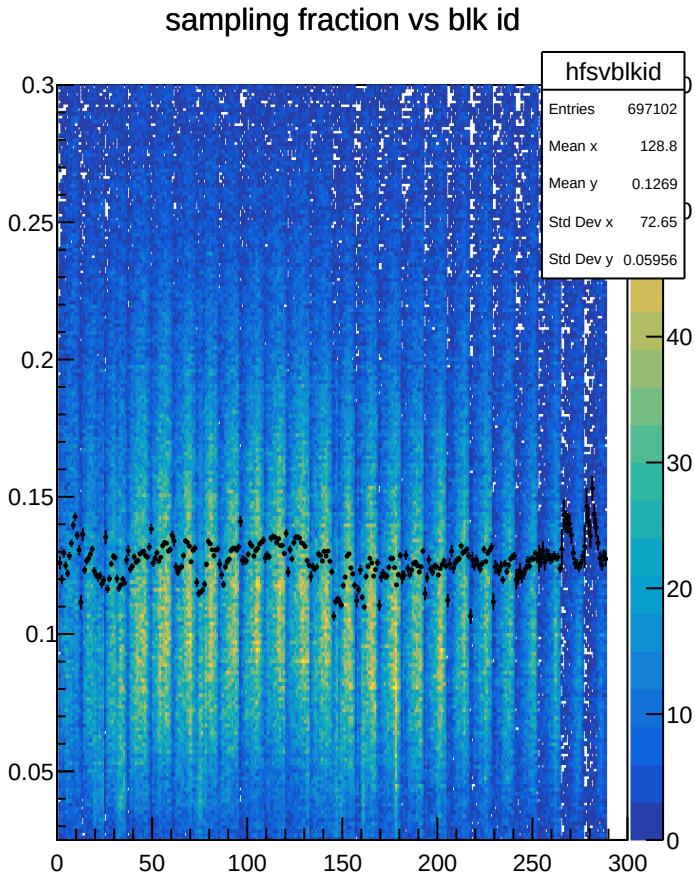


Outgoing nucleon momentum




Actual energy dep/expected energy dep vs xHCAL
heratio
Entries 188905
Mean x −0.9834
Mean y 0.1197
Std Dev x 0.9734
Std Dev y 0.07529
eHCAL/(sqrt(mp*mp+trP_sbs*trP_sbs)-mp)
xHCAL (m)


Actual energy dep/expected energy dep
her
Entries 188905
Mean 0.1197
Std Dev 0.07529
eHCAL/(sqrt(mp*mp+trP_sbs*trP_sbs)-mp)


sampling fraction vs blk id
hfsvblkid
Entries 697102
Mean x 128.8
Mean y 0.1269
Std Dev x 72.65
Std Dev y 0.05956
0.3
0.25
0.2
0.15
0.1
0.05
0
50
100
150
200
250
300
40
30
20
10
0