dxdy (ntrack_sbs>0)

h_dxdy_p_cut_W2_cointime	
Entries	932
Mean x	0.01136
Mean y	−1.068
Std Dev x	0.3677
Std Dev y	0.4176

sbs tracks across the kinematic

h_runnum_sbs_tracks	
Entries	568057
Mean	5529
Std Dev	239.9

dx (ntrack_sbs>0)

h_dx_p_cut_W2_cointime	
Entries	932
Mean	−1.068
Std Dev	0.4176

dy (ntrack_sbs>0)

h_dy_p_cut_W2_cointime	
Entries	932
Mean	0.01136
Std Dev	0.3677
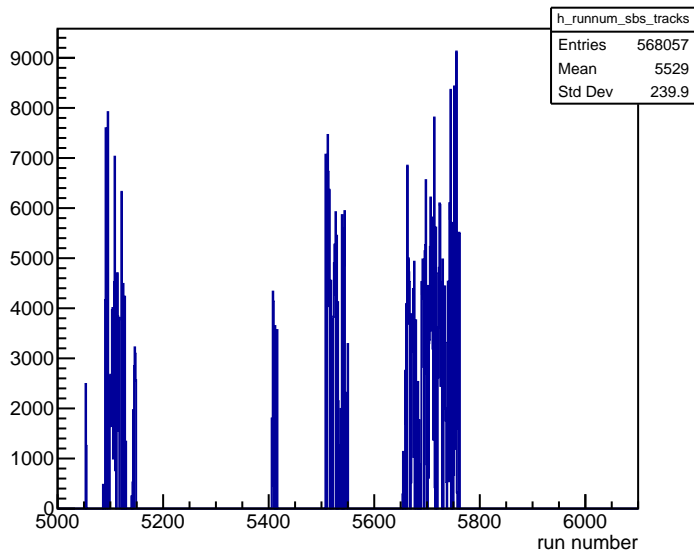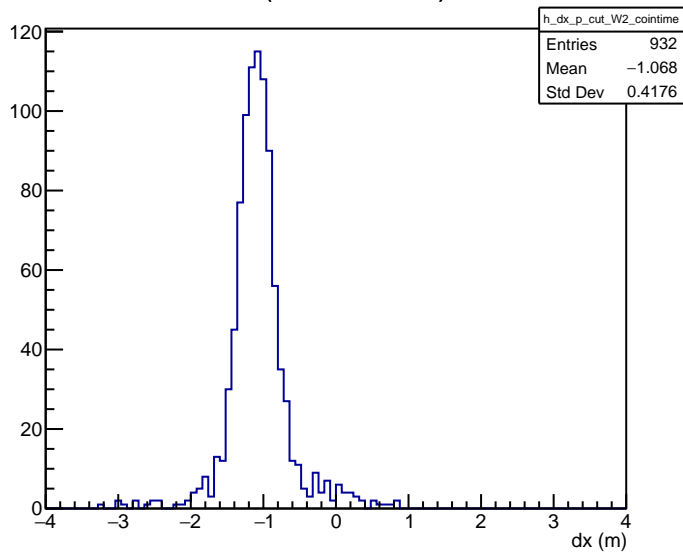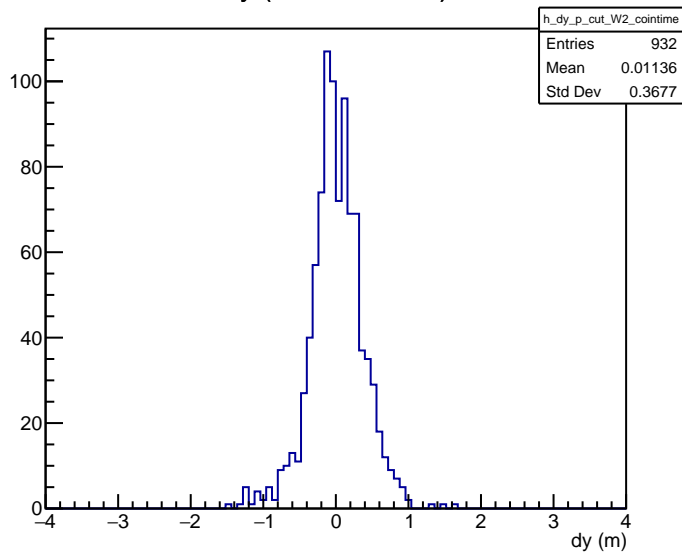
tracking momentum of the hadron

h_trP_sbs	
Entries	2990
Mean	4.501
Std Dev	1.534

pN(GeV)

dx (all)

h_dx_p_cut_W2_cointime_dy_trp	
Entries	595
Mean	−1.074
Std Dev	0.3028

dx (m)

dxdy

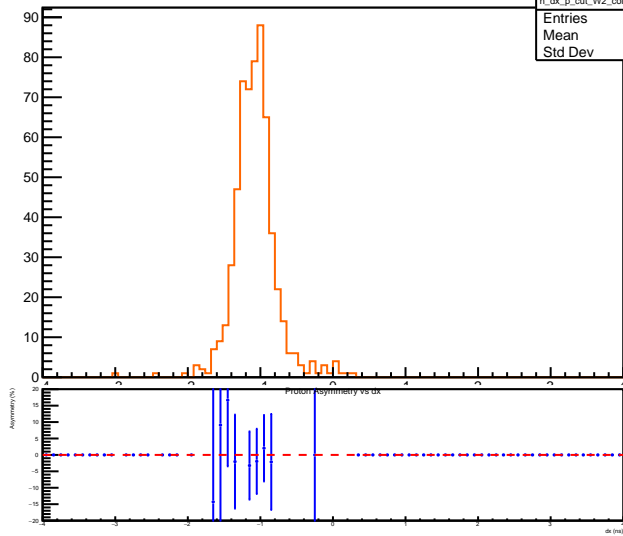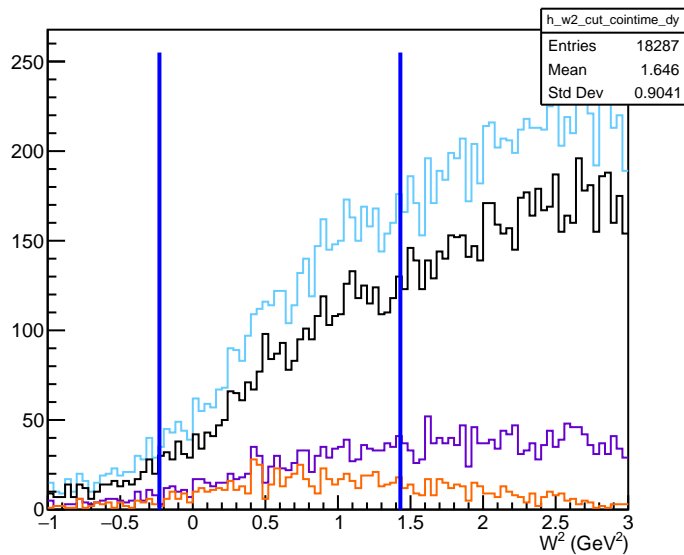| h_dxdy_cut_W2_cointime	
Entries	6890
Mean x	−0.04451
Mean y	−0.8954
Std Dev x	0.5332
Std Dev y	0.9432

dx (m)

dy (m)
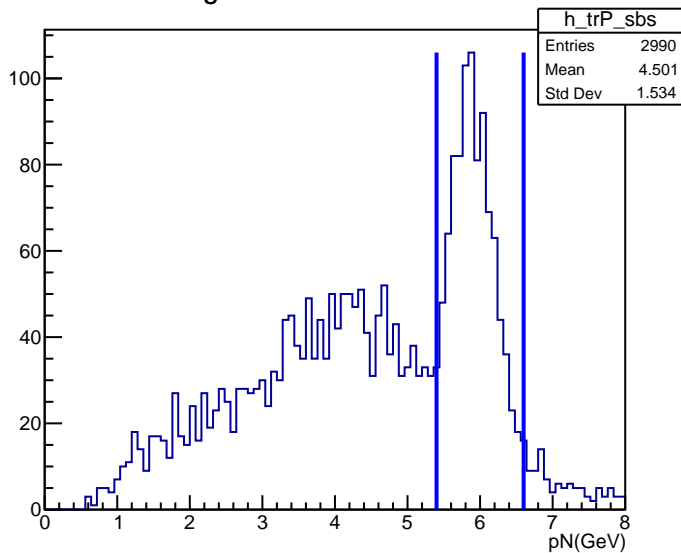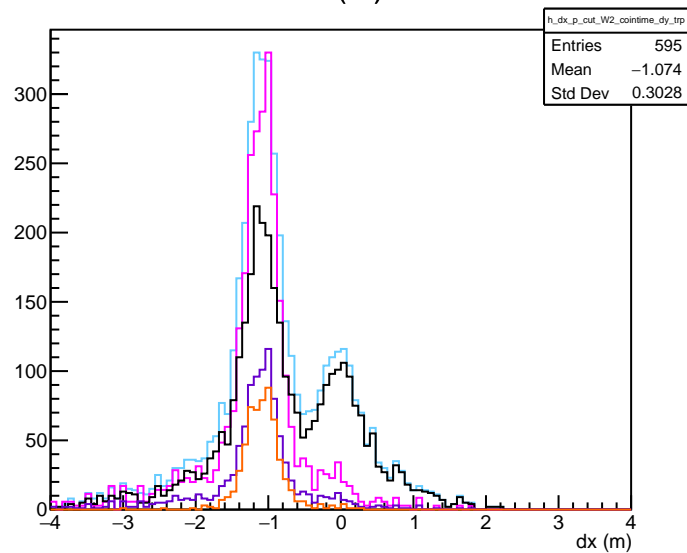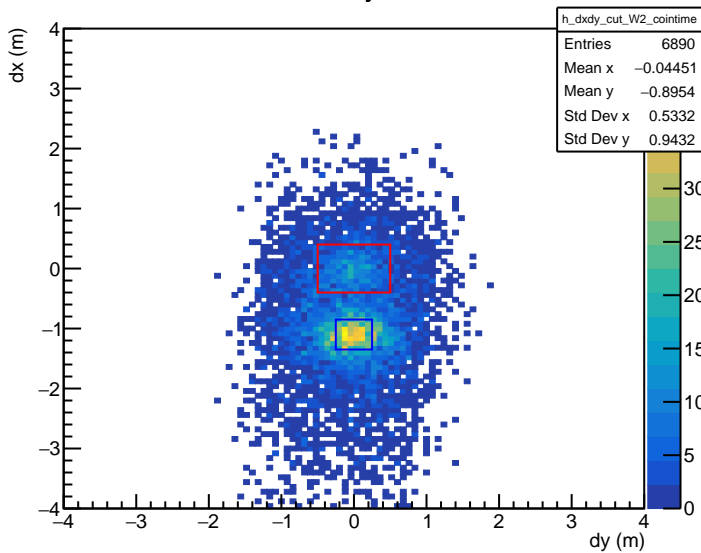
— (W2, coin, & dy cuts)

— violet scaled

— (ntrack_sbs == 0, W2, coin, & dy cuts)

— (ntrack_sbs>0, W2, coin, & dy cuts)

— (ntrack_sbs>0, (trpN-6.0)<0.3, W2, coin, & dy cuts)

dx (ntrack_sbs>0)

Proton Asymmetry vs dx

W2

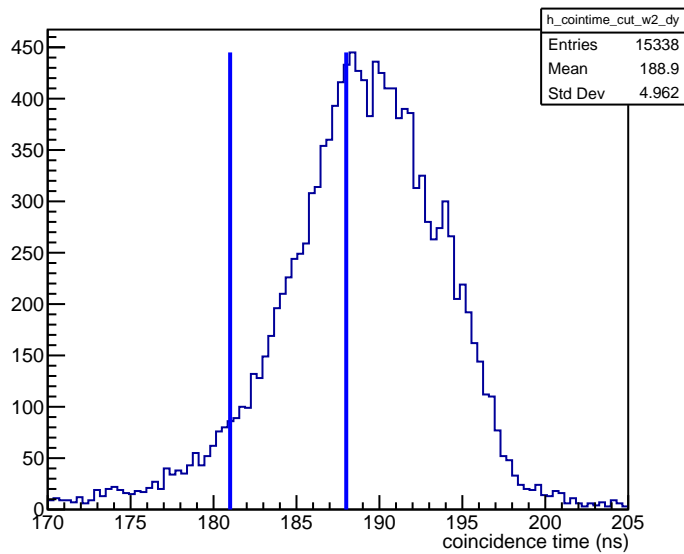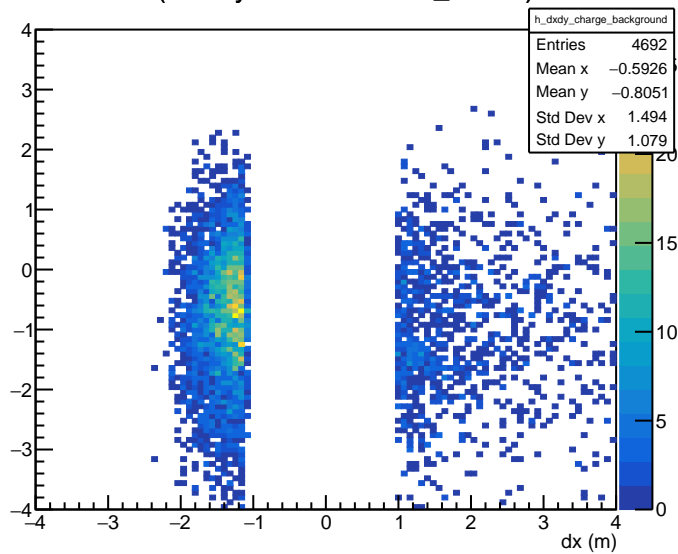| h_w2_cut_cointime_dy	
Entries	18287
Mean	1.646
Std Dev	0.9041

— (coin, & dy cuts)

— (ntrack_sbs == 0, coin, & dy cuts)

— (ntrack_sbs>0, coin, & dy cuts)

— (ntrack_sbs>0, (trpN-6.0)<0.3, coin, & dy cuts)

W^2 (GeV^2)

coin time

h_cointime_cut_w2_dy	
Entries	15338
Mean	188.9
Std Dev	4.962

coincidence time (ns)

dx (anti dy cut and ntrack_sbs>0)

h_dxdy_charge_background	
Entries	4692
Mean x	−0.5926
Mean y	−0.8051
Std Dev x	1.494
Std Dev y	1.079

dx (m)

dx (anti dy cut)

h_all_background	
Entries	5059
Mean	−0.7907
Std Dev	1.083

dx (m)

dx (anti dy cut)

h_all_background	
Entries	5059
Mean	−0.7907
Std Dev	1.083

dx (m)