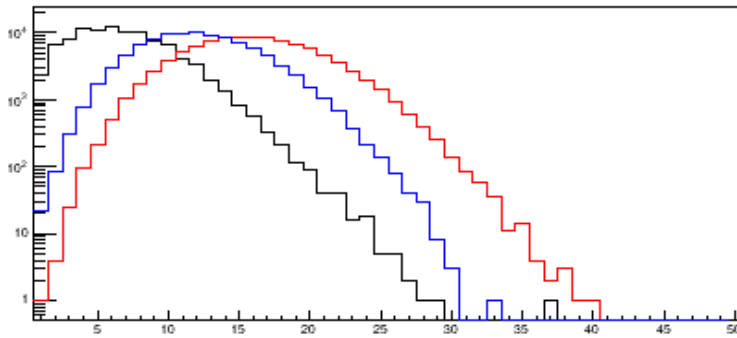
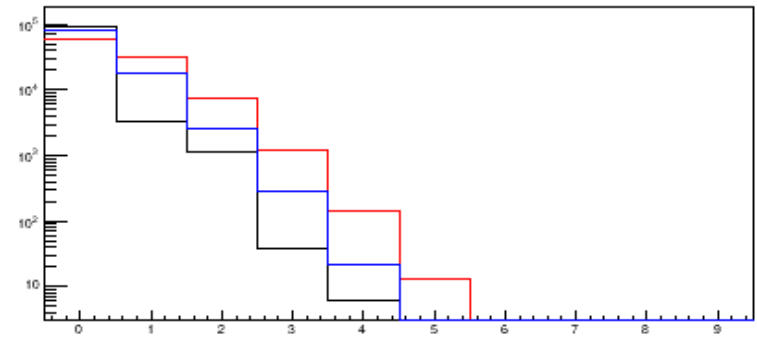


Particle multiplicity per event

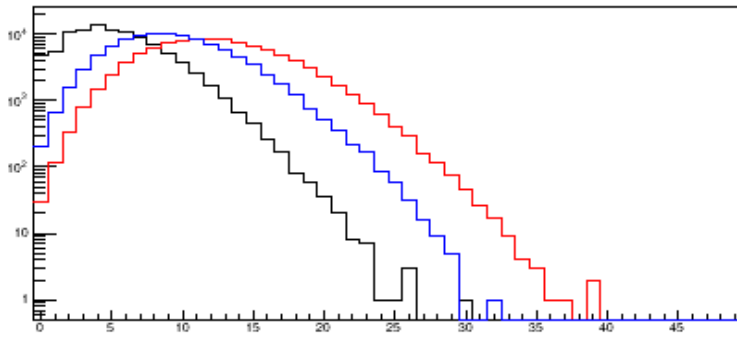
hadron multiplicity



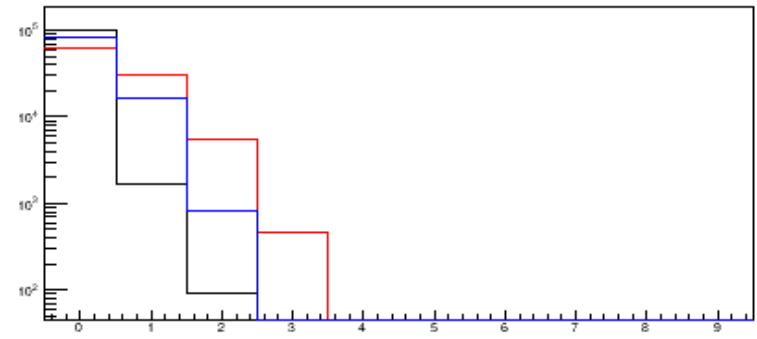
lepton multiplicity



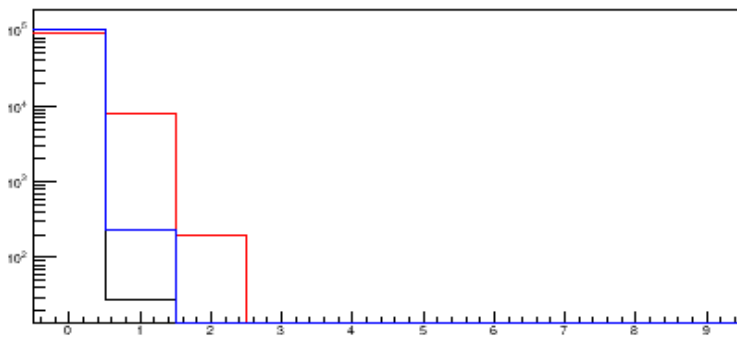
gamma multiplicity



muon multiplicity



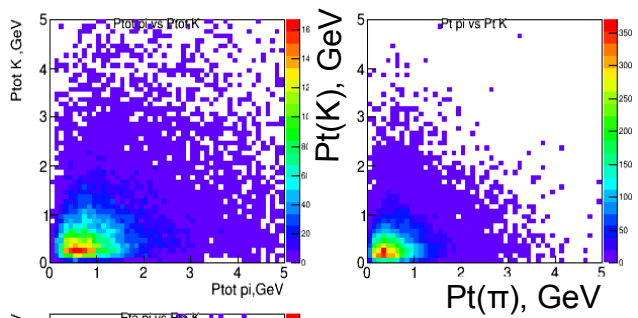
tau multiplicity



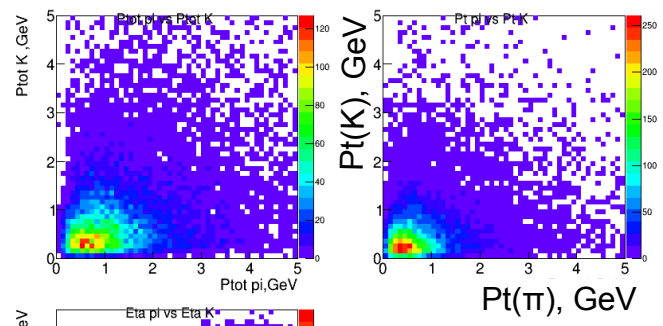
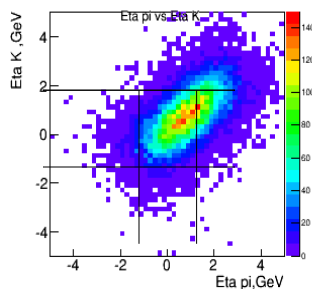
Minbias

DIS with Charm

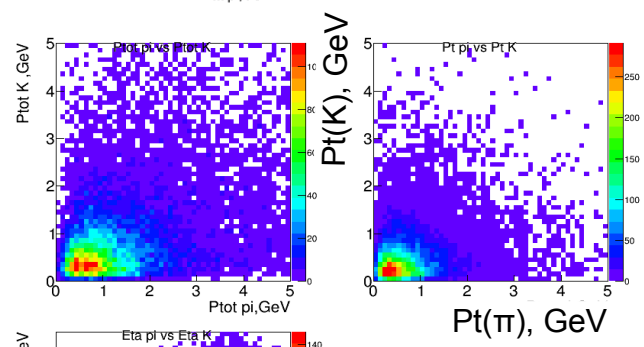
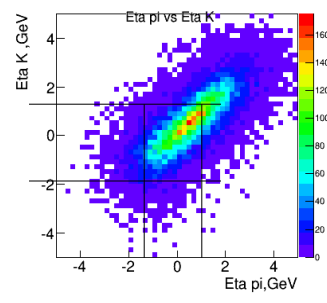
DIS with Beauty



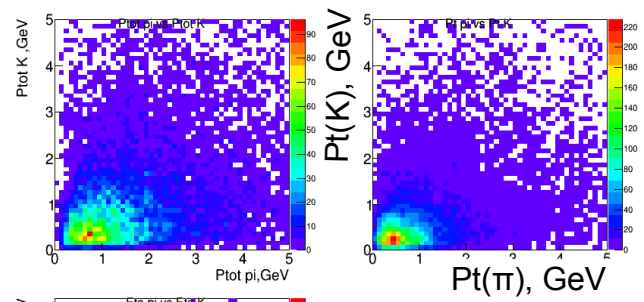
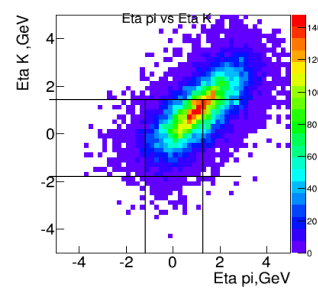
5x50 GeV



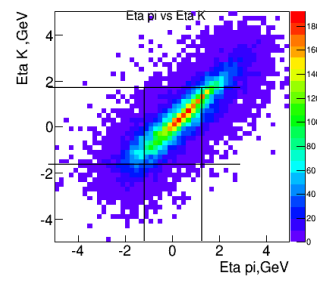
10x100 GeV



5x100 GeV



20x250 GeV



M (π/K)

M(π/K) for D^*

M($\pi/K/\pi$) for D^*

D^*-D_0

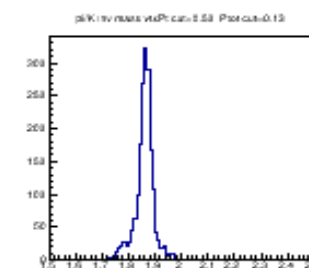
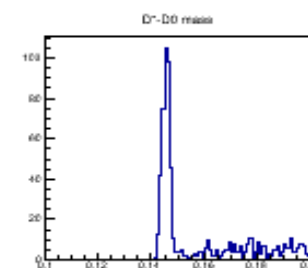
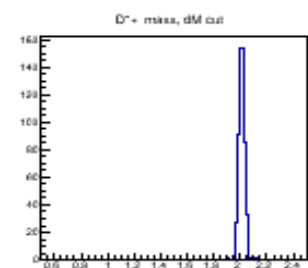
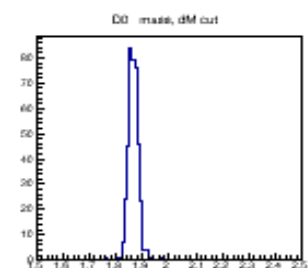
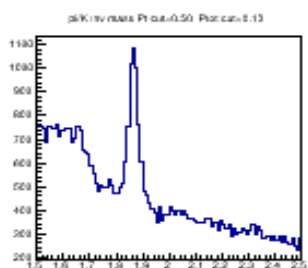
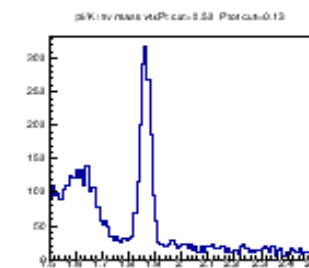
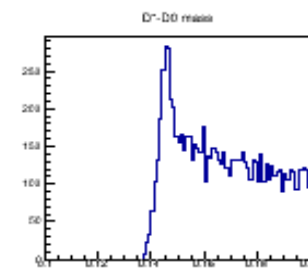
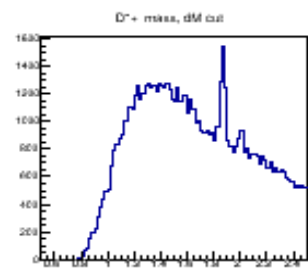
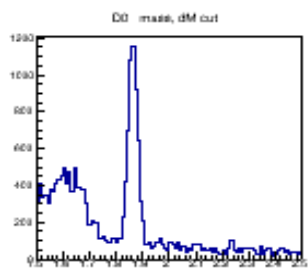
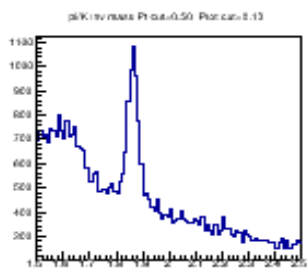
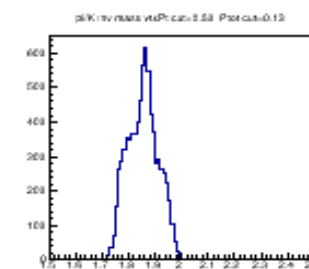
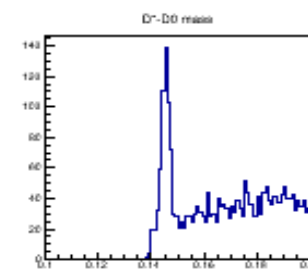
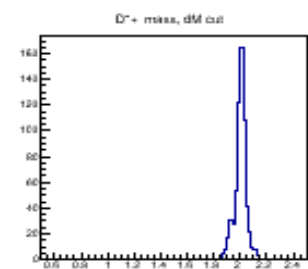
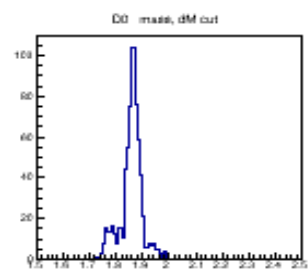
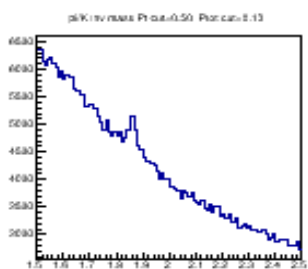
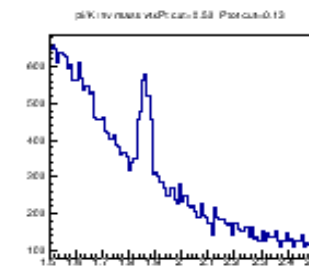
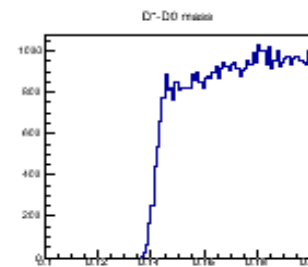
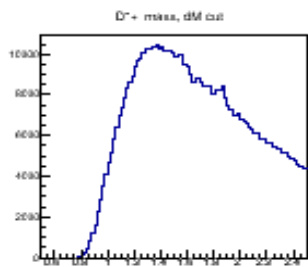
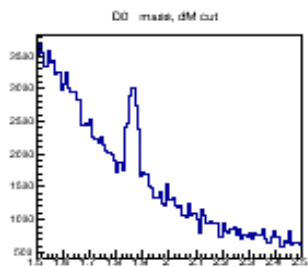
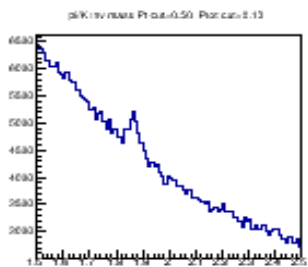
M(π/K) vertex

vertex

$\Delta M, v_{tx}$

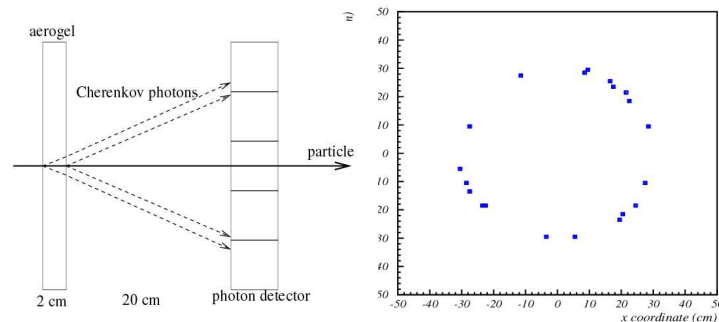
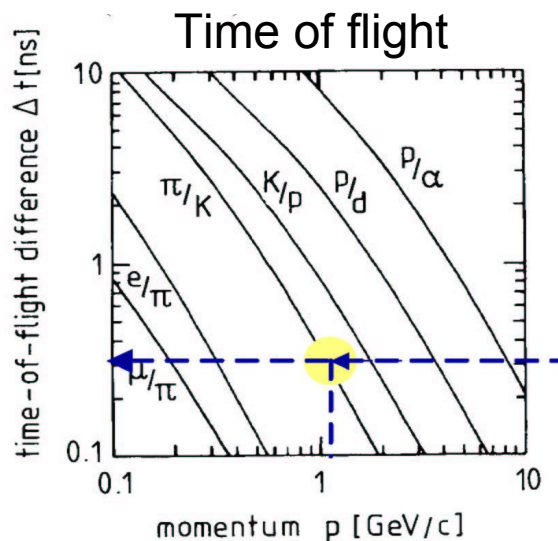
PID, v_{tx}

PID, $\Delta M, v_{tx}$



- Backup
-

PID



Limitations:

- p_{\min} threshold
- p_{\max} threshold
- occupancy

