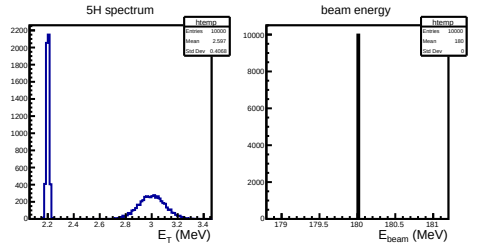
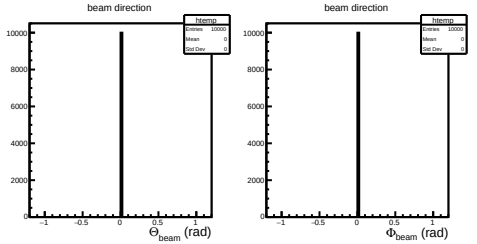
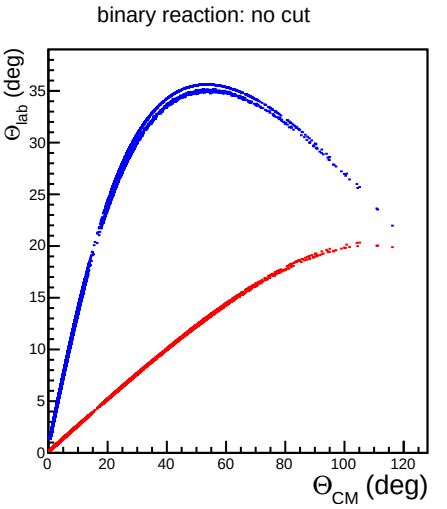
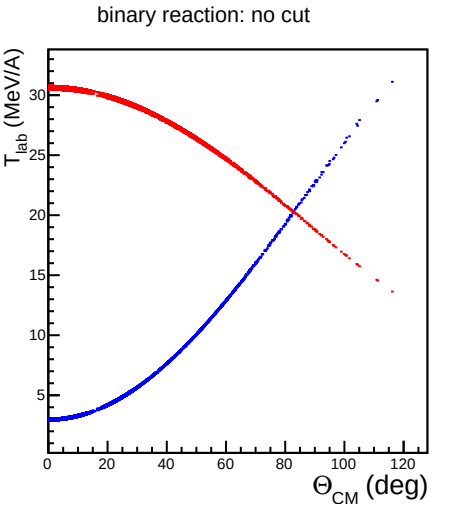

5H spectrum
htemp
Entries 10000
Mean 2.593
Std Dev 0.4068
E_T (MeV)

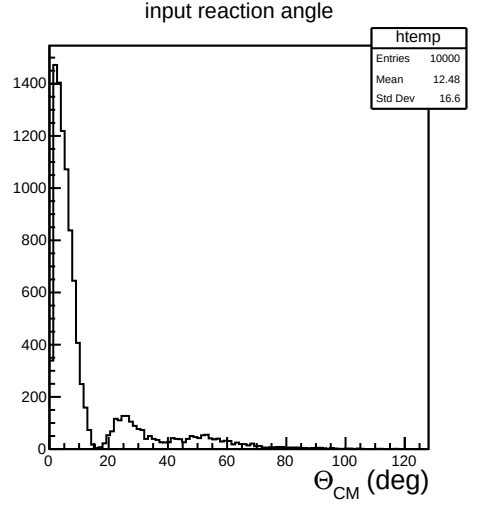
beam energy
htemp
Entries 10000
Mean 180
Std Dev 0
E_{beam} (MeV)

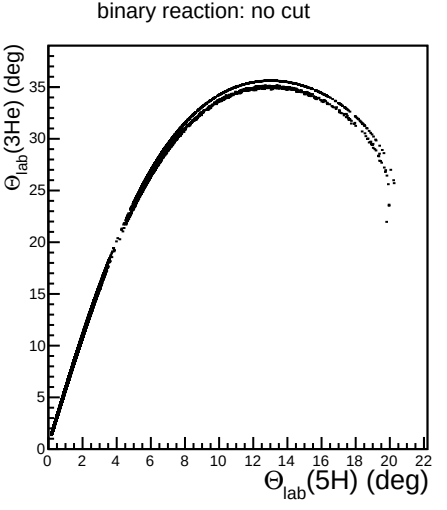

beam direction
htemp
Entries 10000
Mean 0
Std Dev 0
Θ_{beam} (rad)

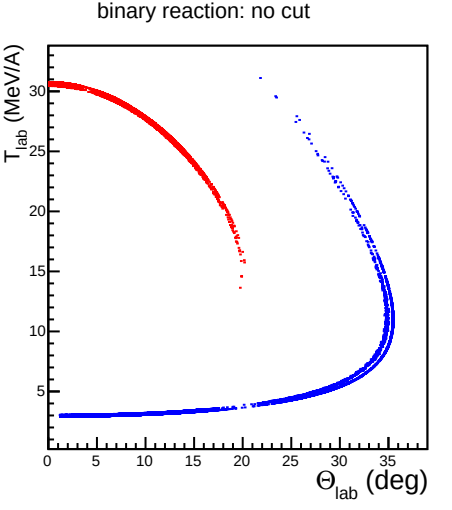
beam direction
htemp
Entries 10000
Mean 0
Std Dev 0
Φ_{beam} (rad)

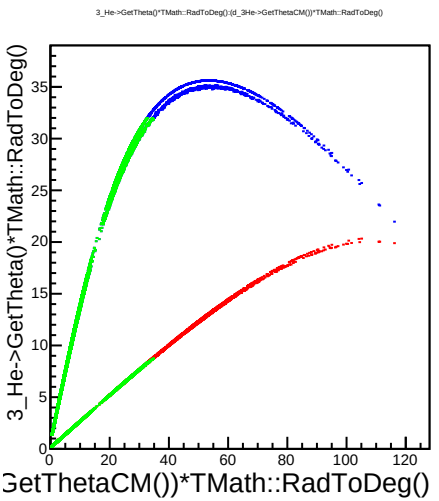

binary reaction: no cut
Θ_{lab} (deg)
Θ_{CM} (deg)


binary reaction: no cut
T_{lab} (MeV/A)
Θ_{CM} (deg)

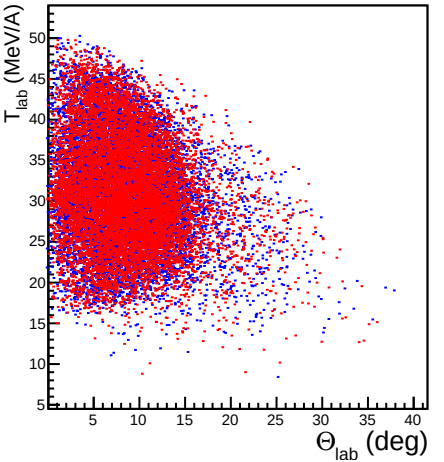

input reaction angle
htemp
Entries 10000
Mean 12.48
Std Dev 16.6
Θ_{CM} (deg)


binary reaction: no cut
Θ_{lab}(3He) (deg)
Θ_{lab}(5H) (deg)

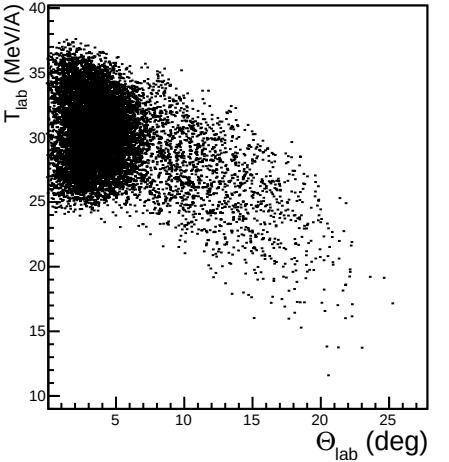

binary reaction: no cut
T_{lab} (MeV/A)
Θ_{lab} (deg)



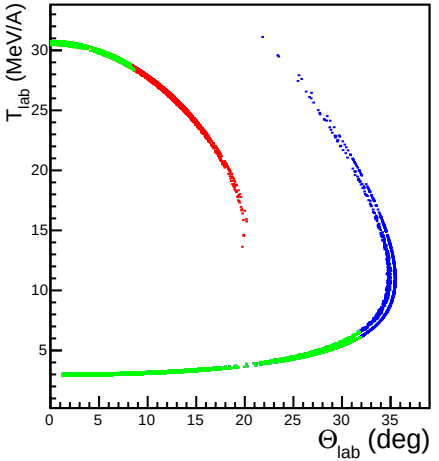
neutrons



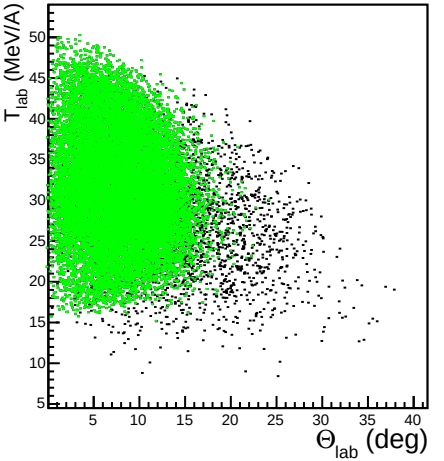
triton



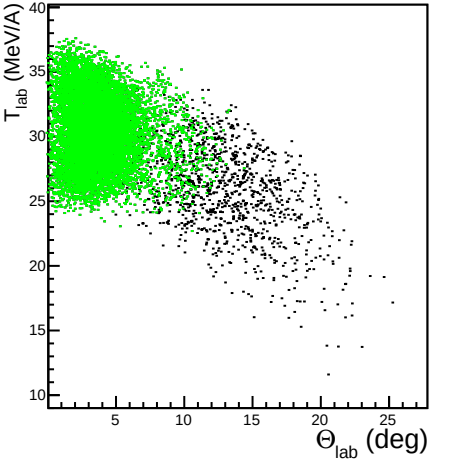
green cut: thetaLab(3He) < 32 deg && Tlab(3He) < 20 MeV

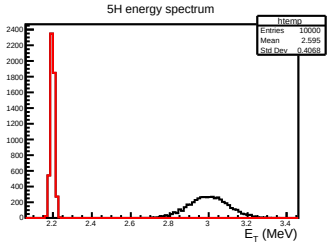


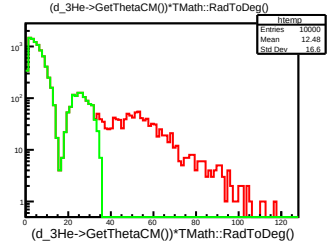
neutrons: green cut

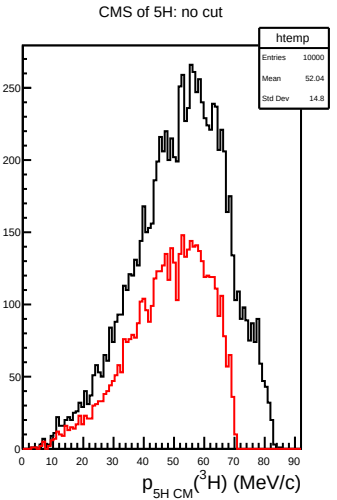


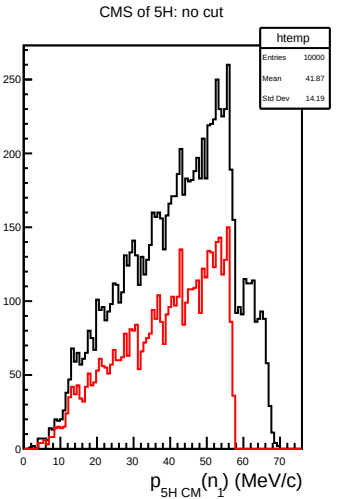
triton: green cut

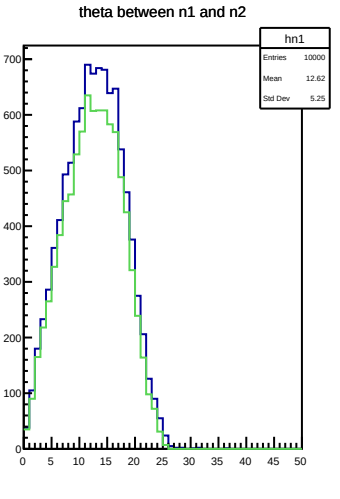


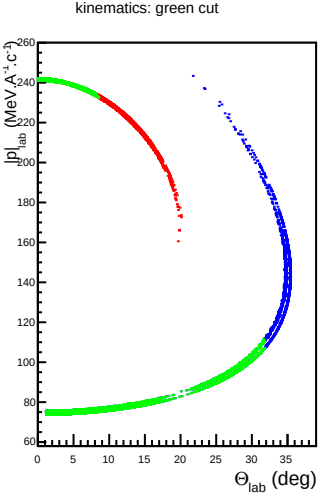

5H energy spectrum
htemp
Entries 10000
Mean 2.595
Std Dev 0.4068
E_T (MeV)

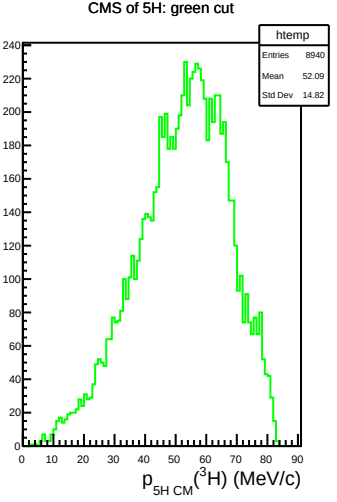

(d_3He->GetThetaCM())*TMath::RadToDeg()
htemp
Entries 10000
Mean 12.48
Std Dev 16.6
(d_3He->GetThetaCM())*TMath::RadToDeg()

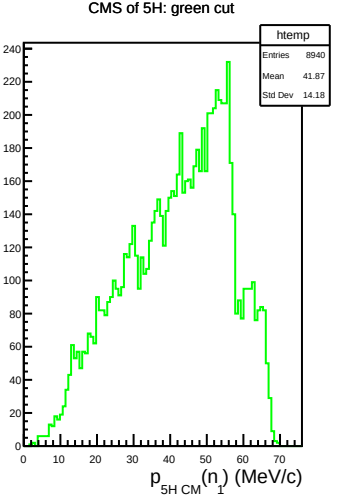

CMS of 5H: no cut
htemp
Entries 10000
Mean 52.04
Std Dev 14.8
$p_{5H\ CM}(^3H)$ (MeV/c)

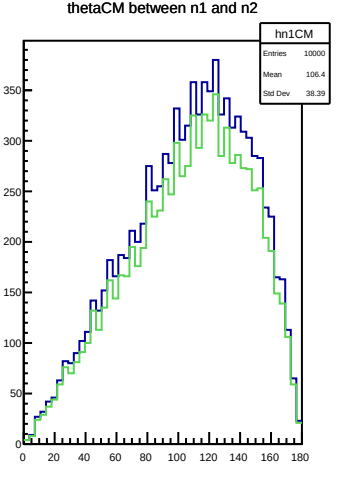

CMS of 5H: no cut
htemp
Entries 10000
Mean 41.87
Std Dev 14.19
$p_{5H\ CM}(n_1)$ (MeV/c)


theta between n1 and n2
hn1
Entries 10000
Mean 12.62
Std Dev 5.25


kinematics: green cut
$|p|_{lab}$ (MeV·A^{-1}·c^{-1})
Θ_{lab} (deg)


CMS of 5H: green cut
htemp
Entries 8940
Mean 52.09
Std Dev 14.82
$p_{5H\ CM}(^3H)$ (MeV/c)


CMS of 5H: green cut
htemp
Entries 8940
Mean 41.87
Std Dev 14.18
$p_{5H\ CM}(n_1)$ (MeV/c)


thetaCM between n1 and n2
hn1CM
Entries 10000
Mean 106.4
Std Dev 38.39