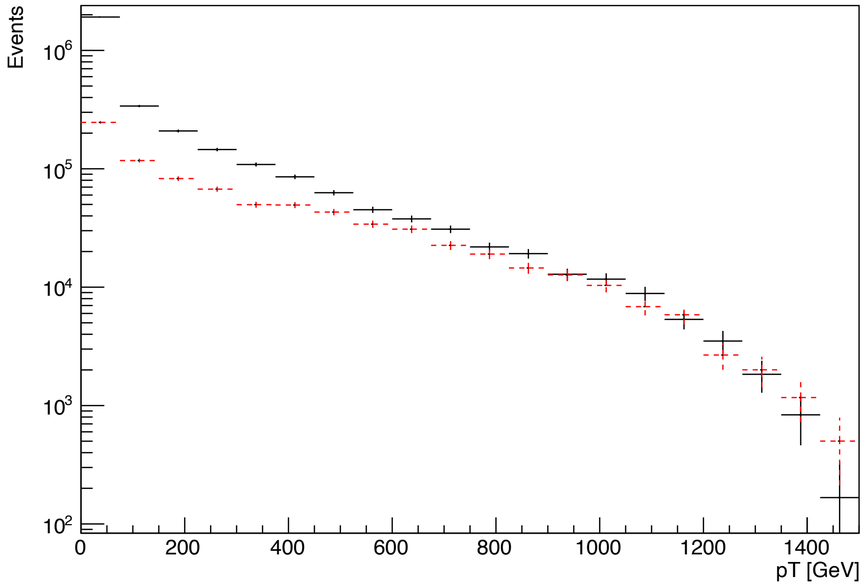
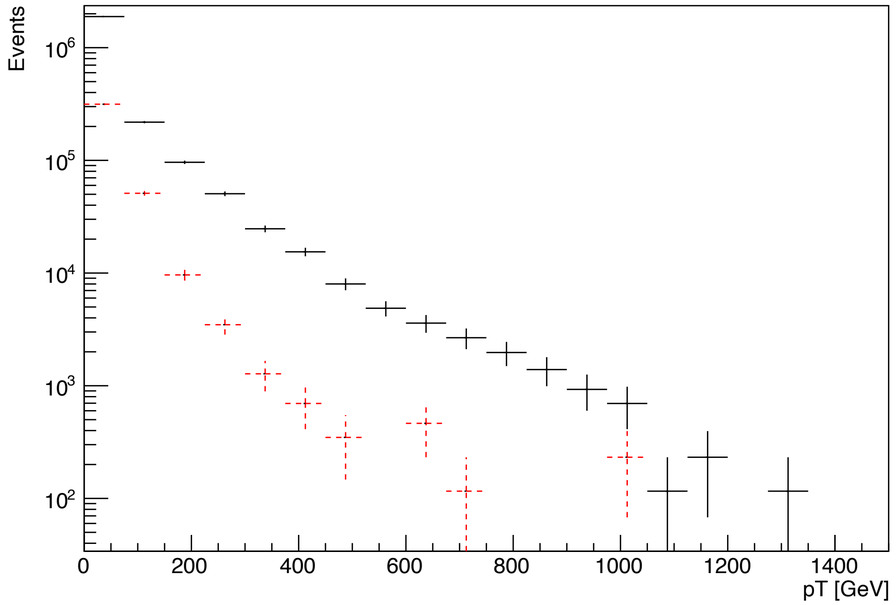
Muon Beam Remnants

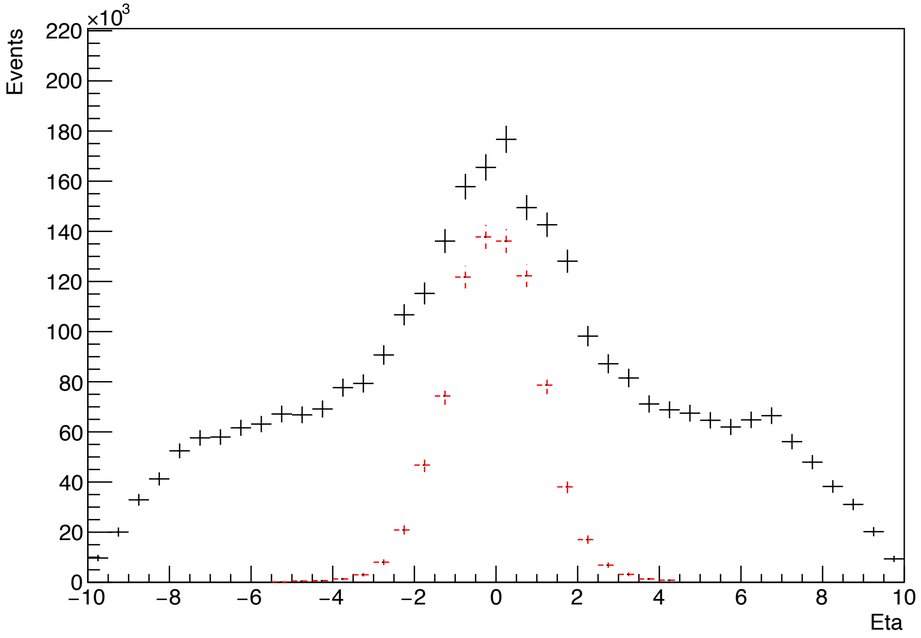
January 18th, 2022

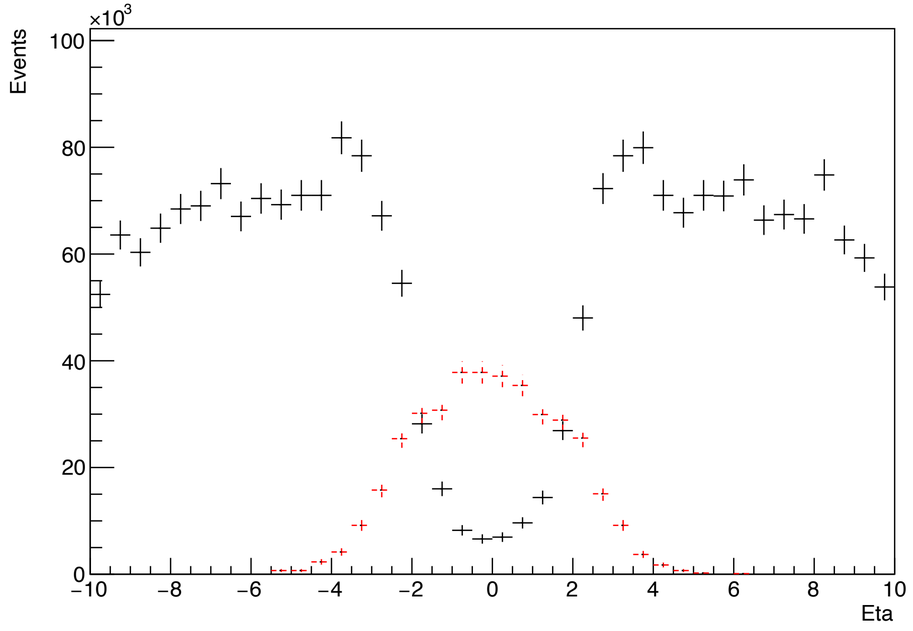
3 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



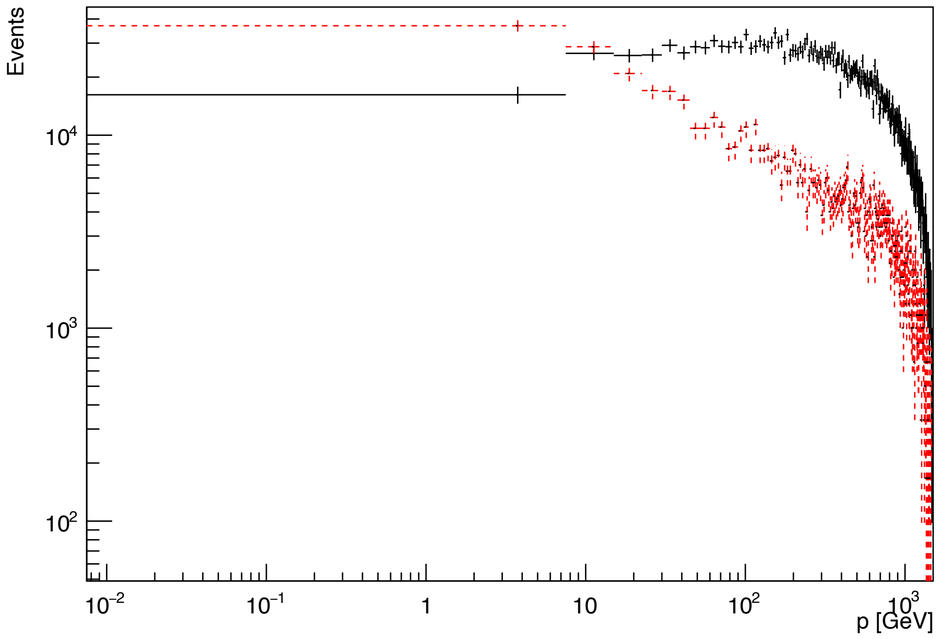


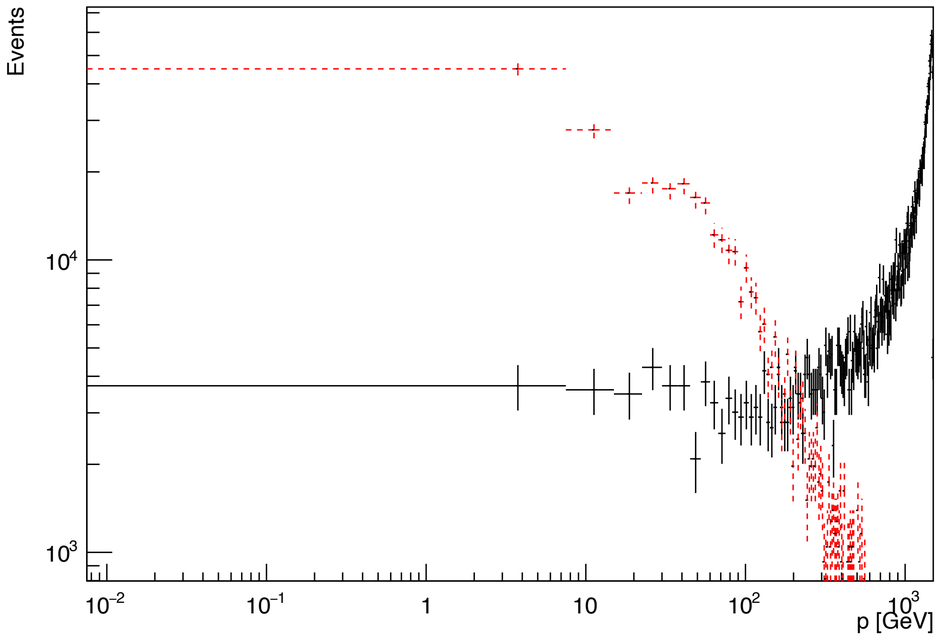


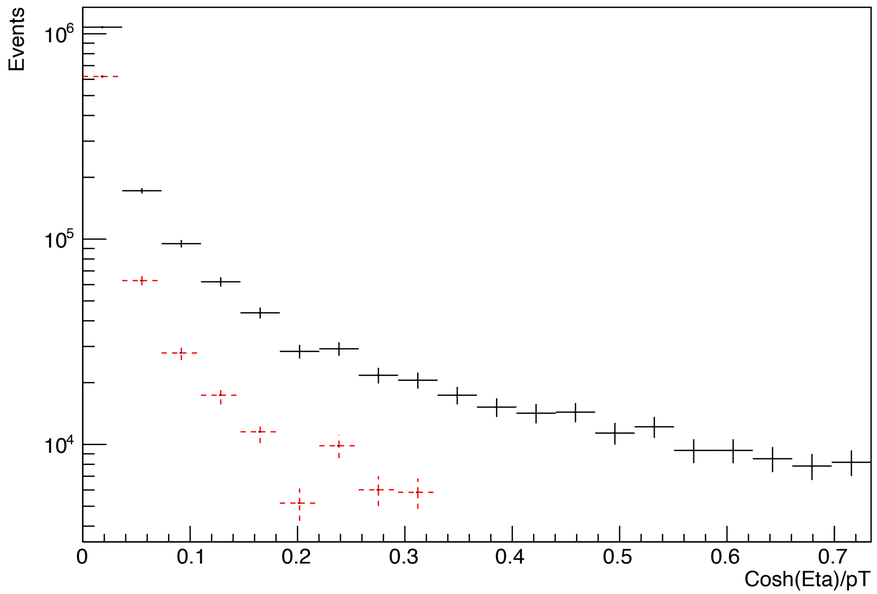


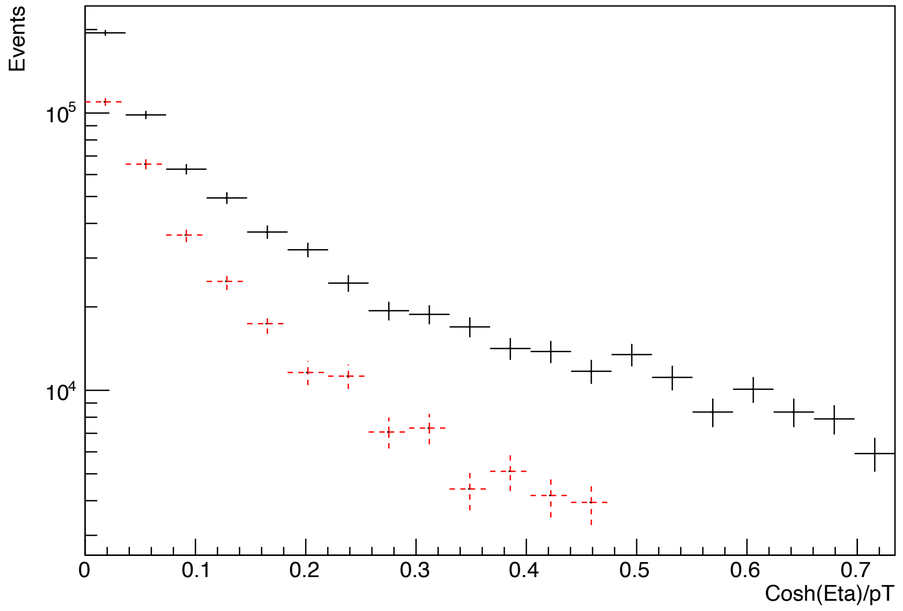
3 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



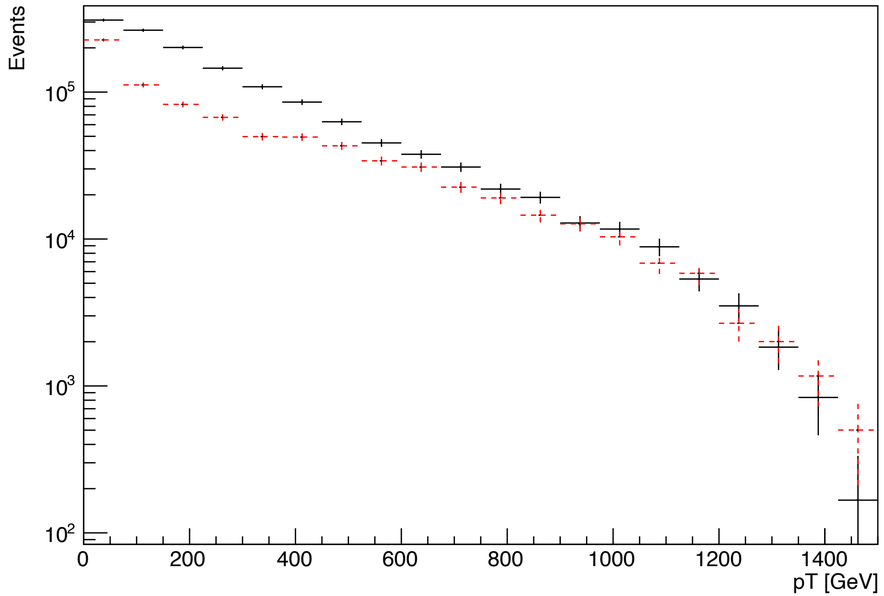


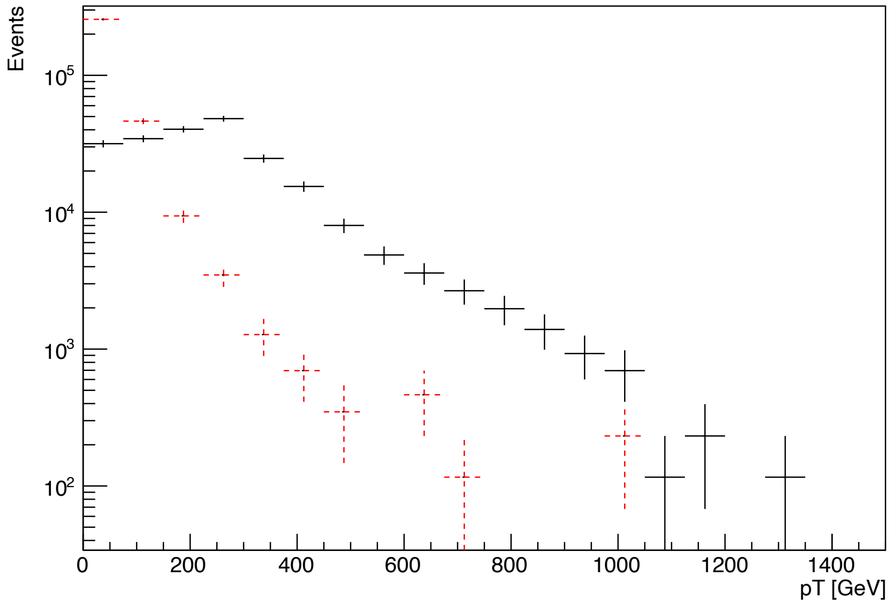


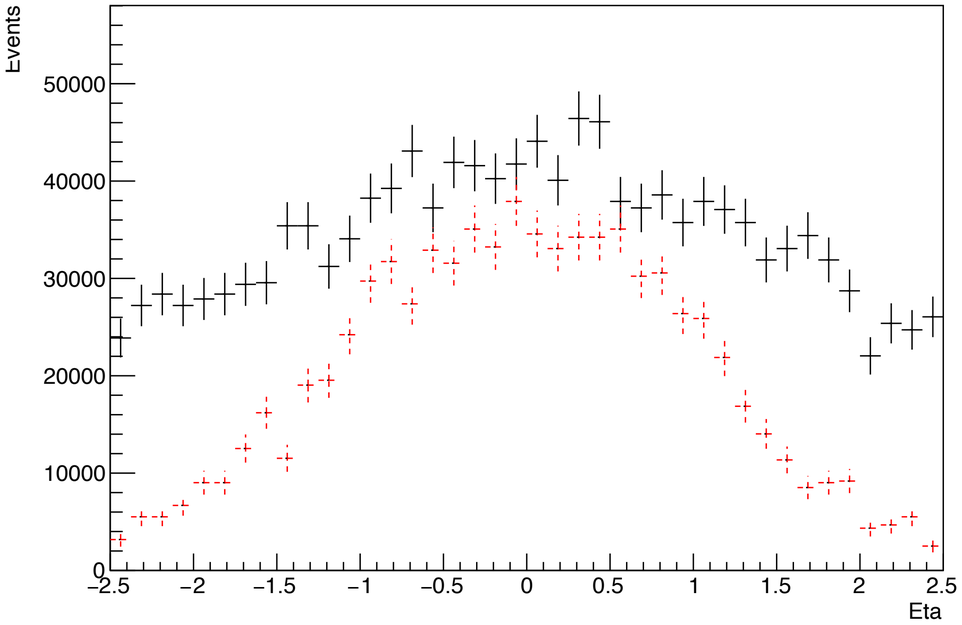


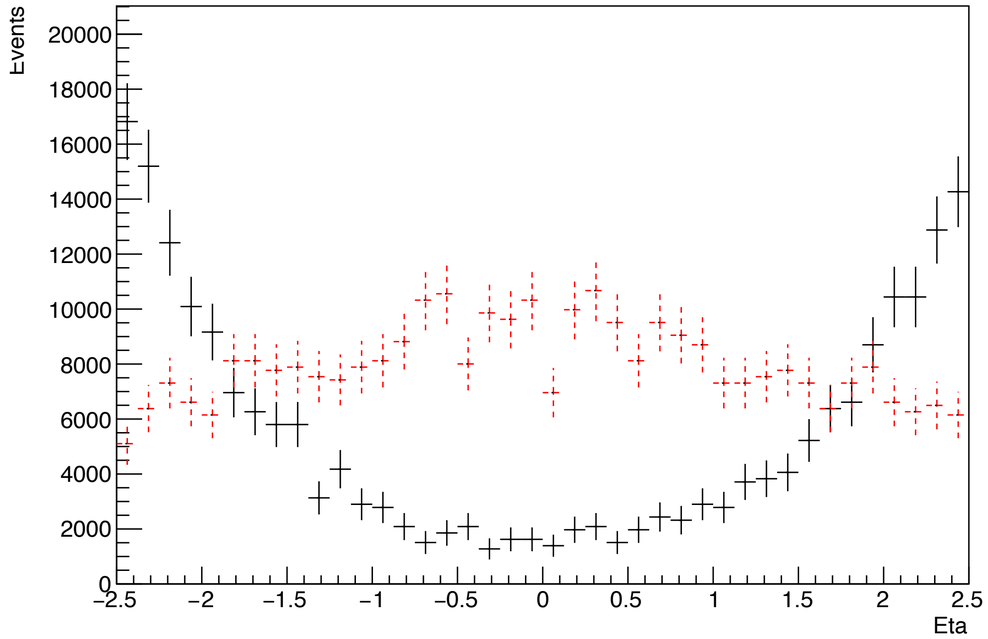
3 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



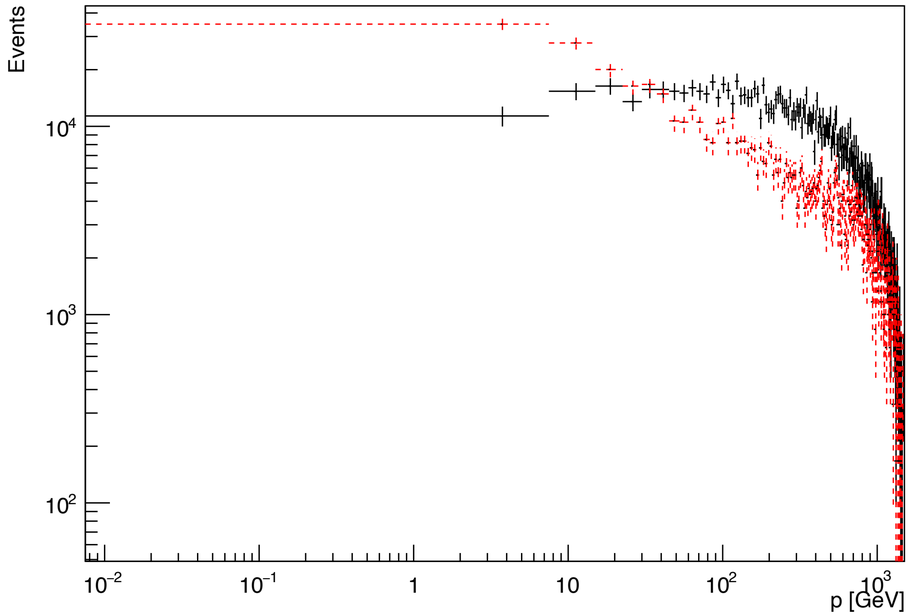


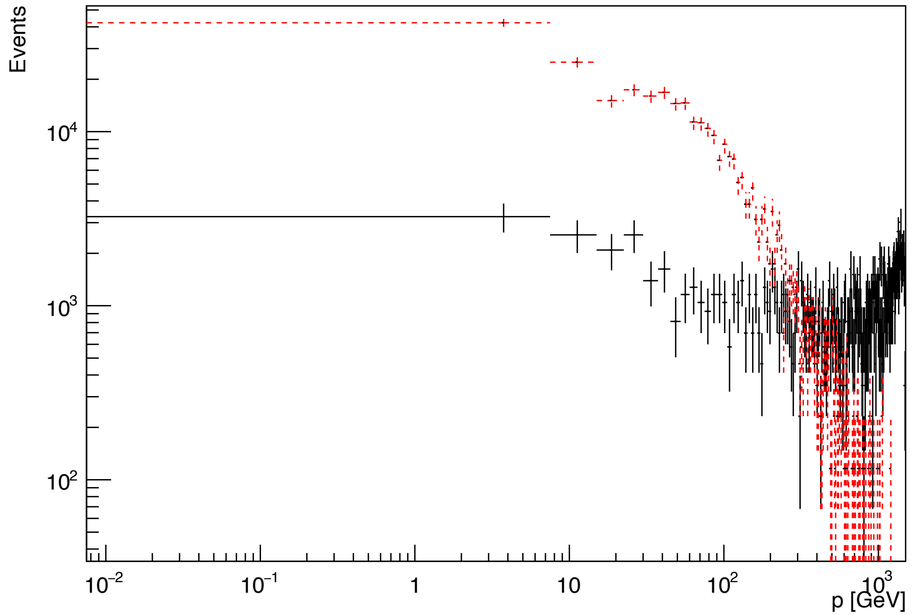


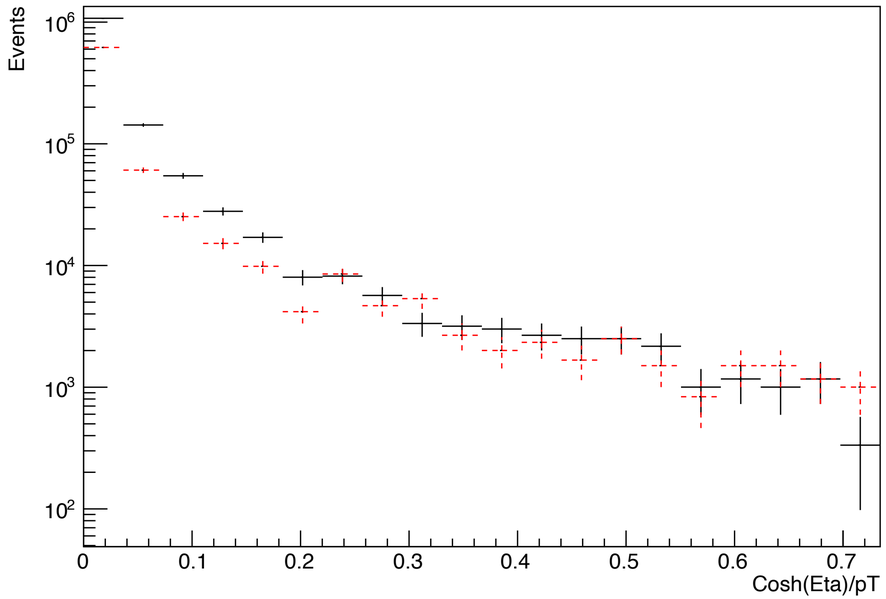


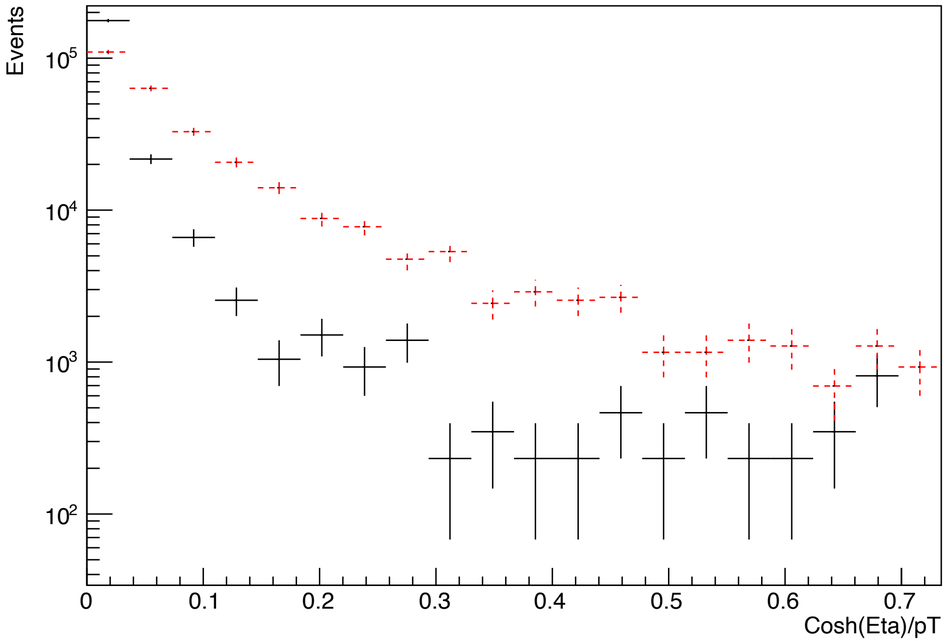
3 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



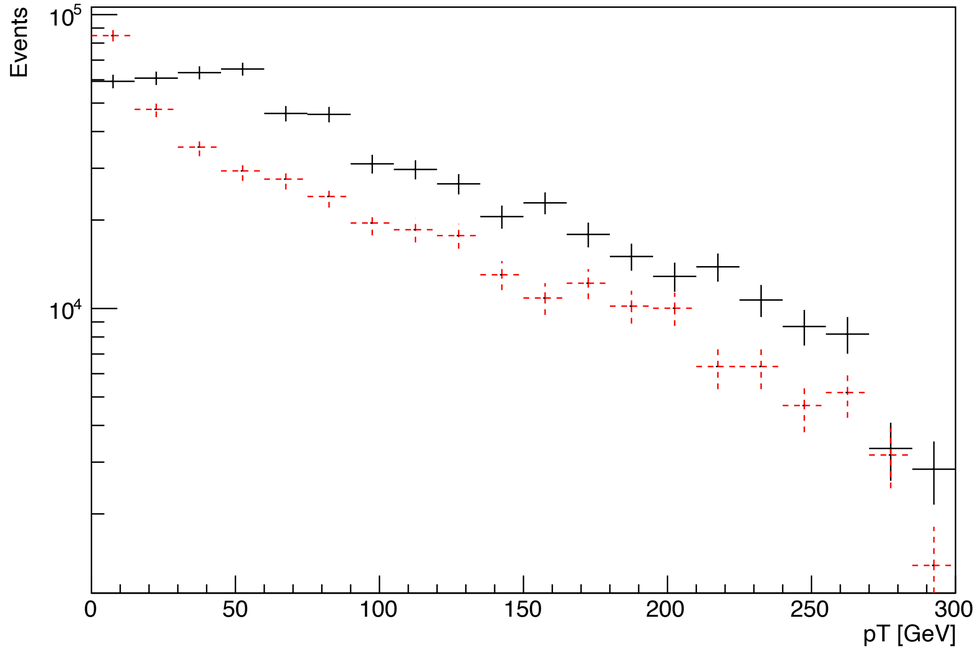


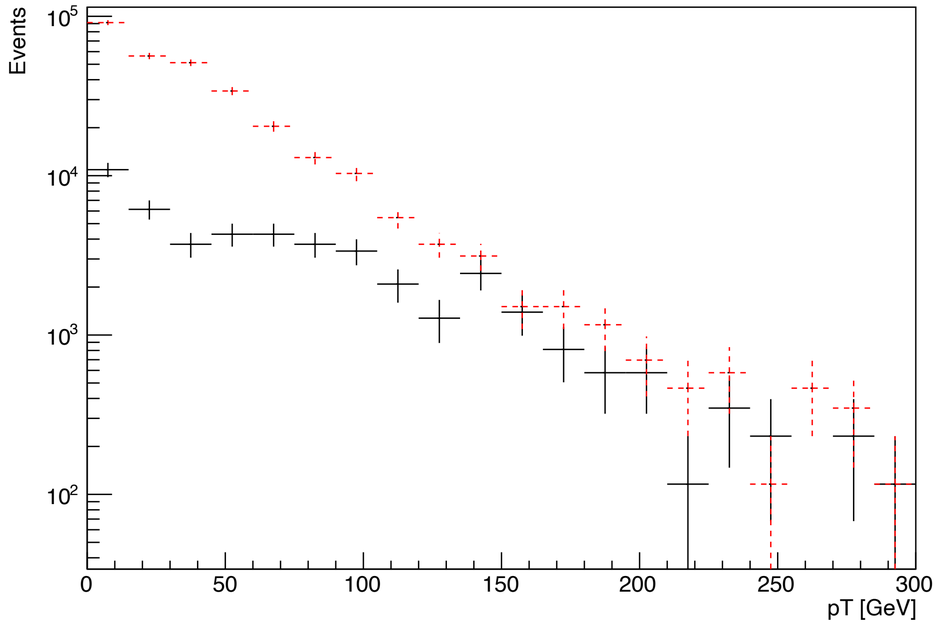


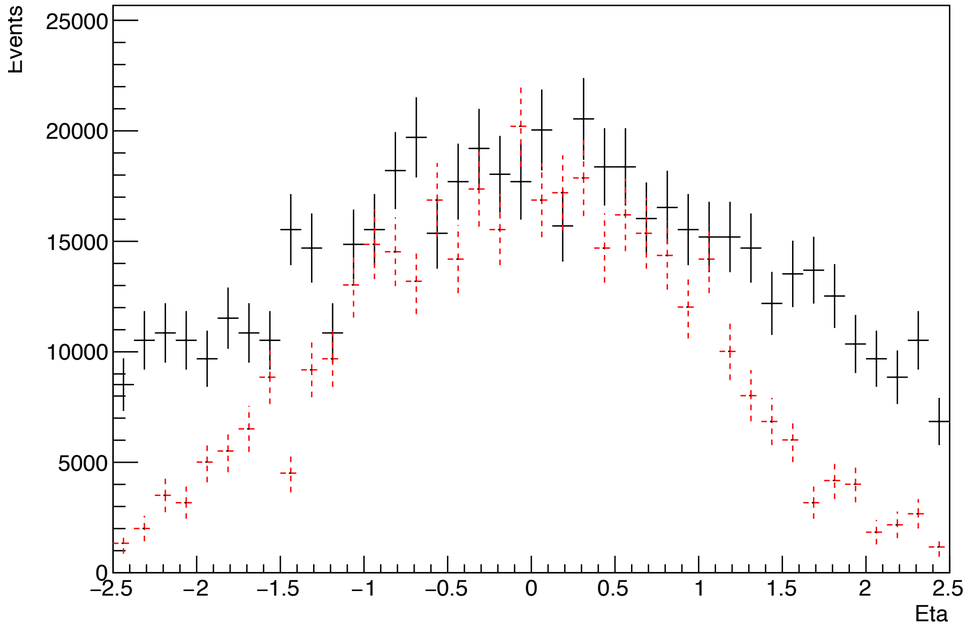


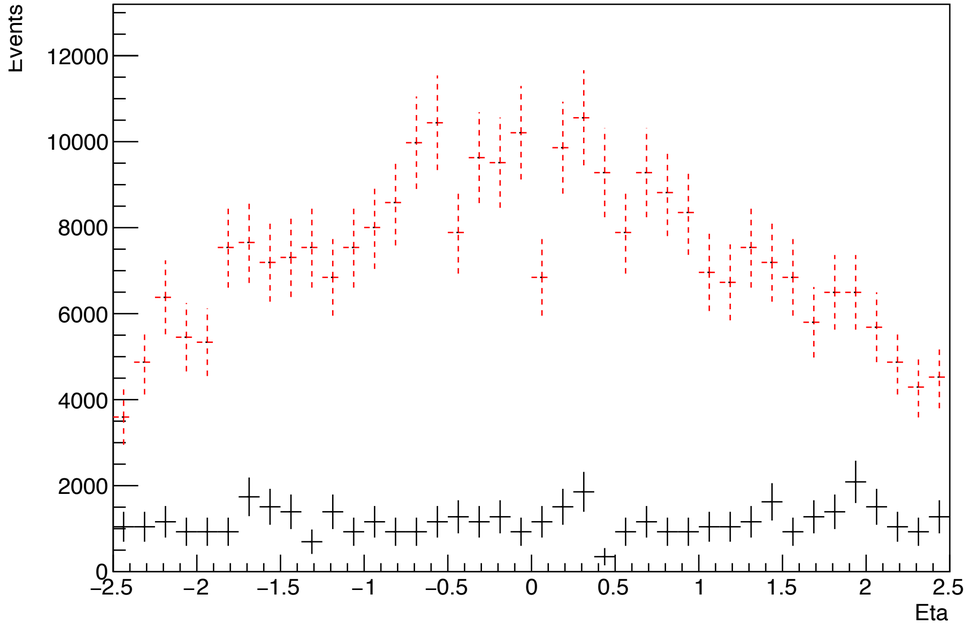
3 TeV
Eta<2.5 & P<300 GeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



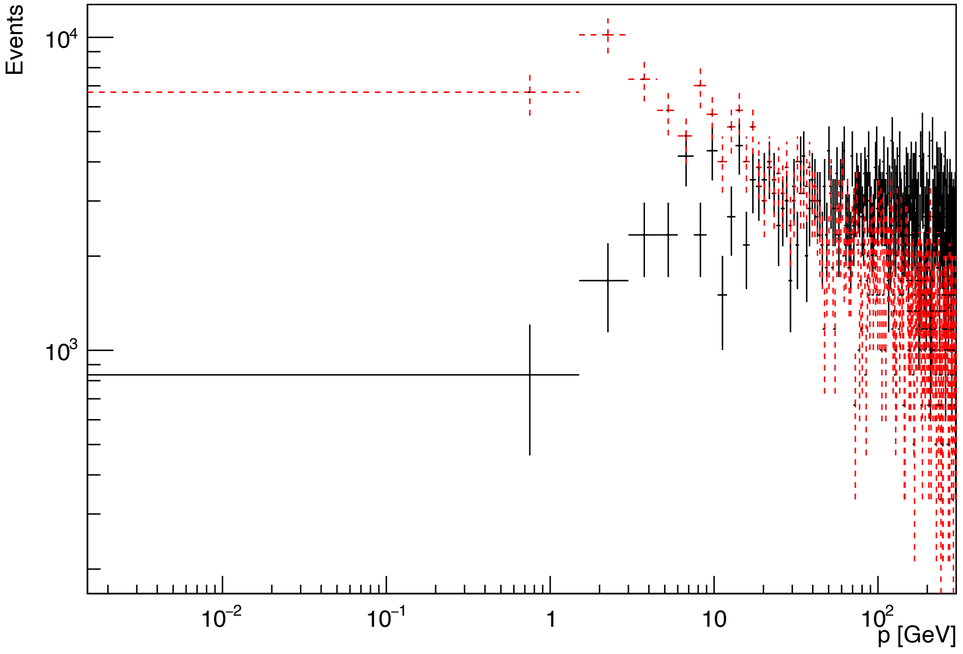


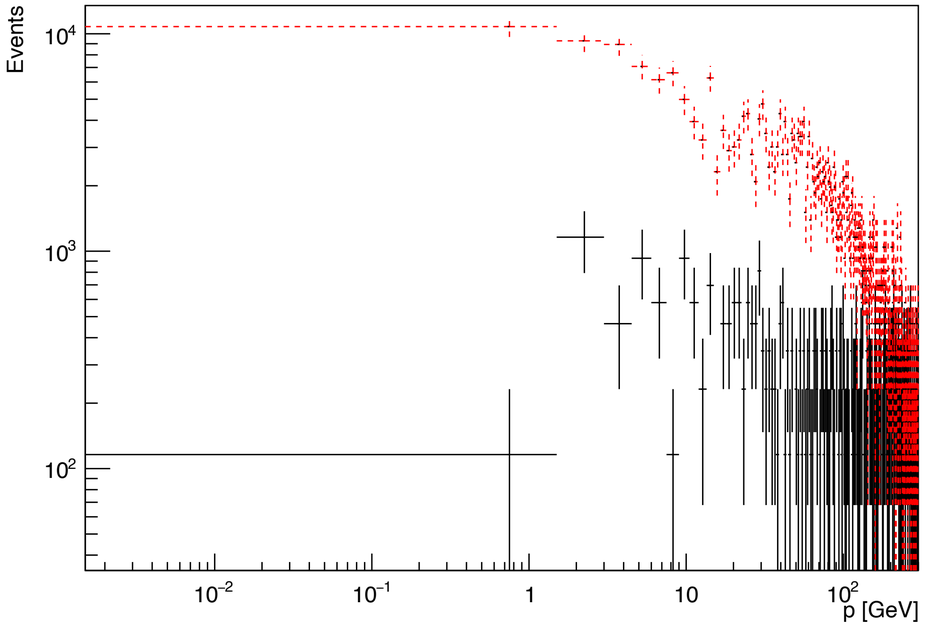


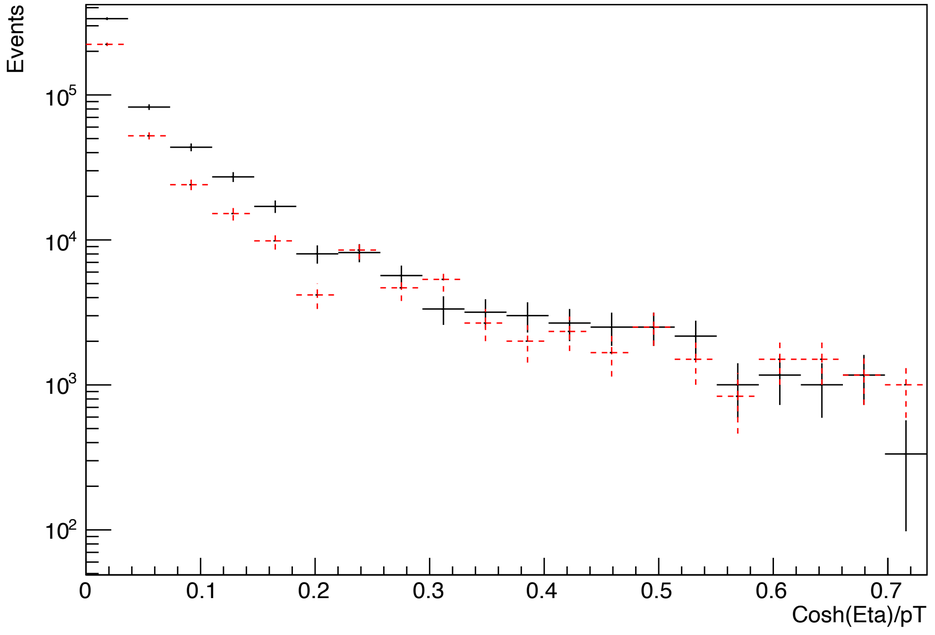


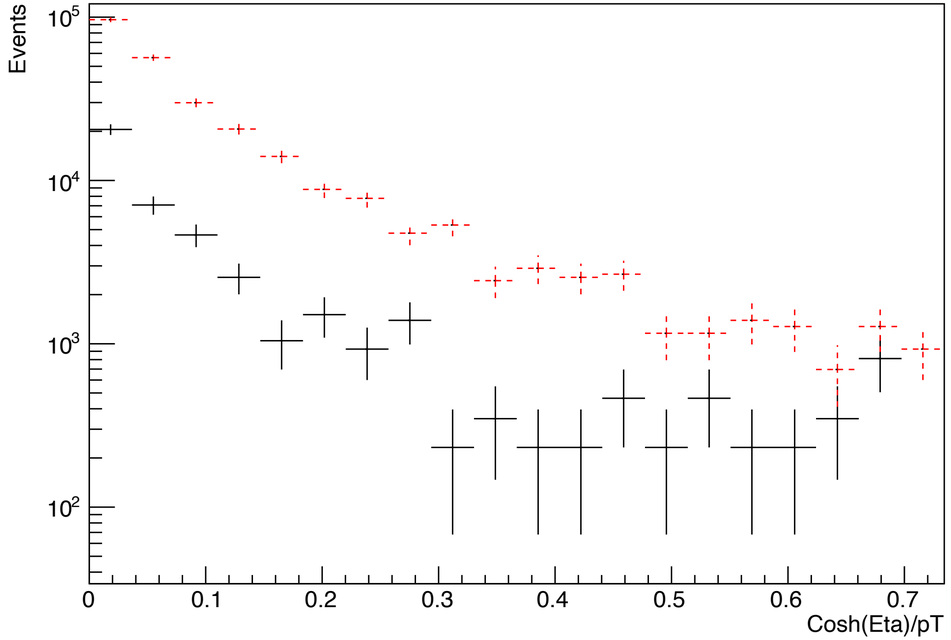
3 TeV
Eta<2.5 & P<300 GeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



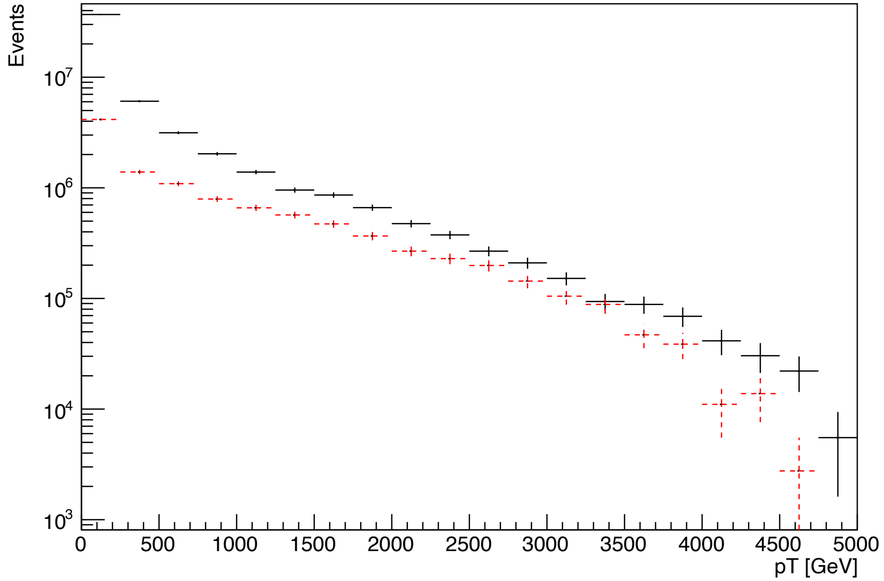


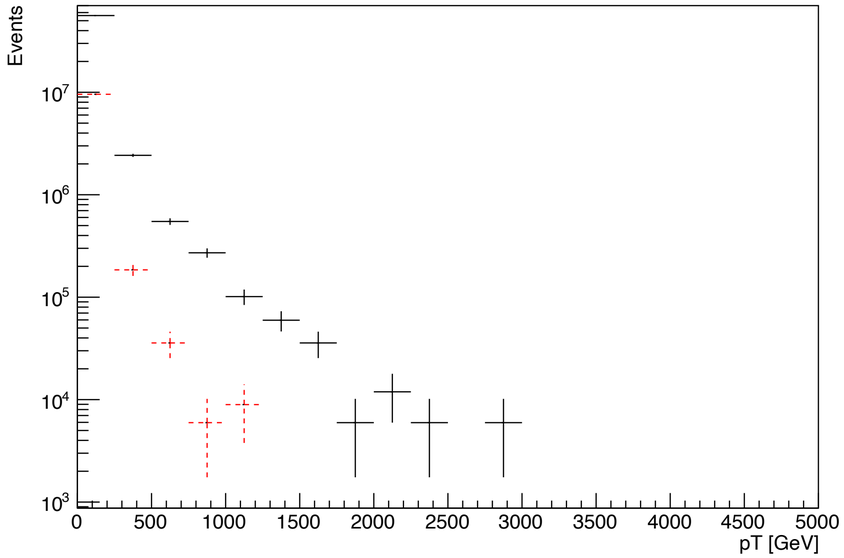


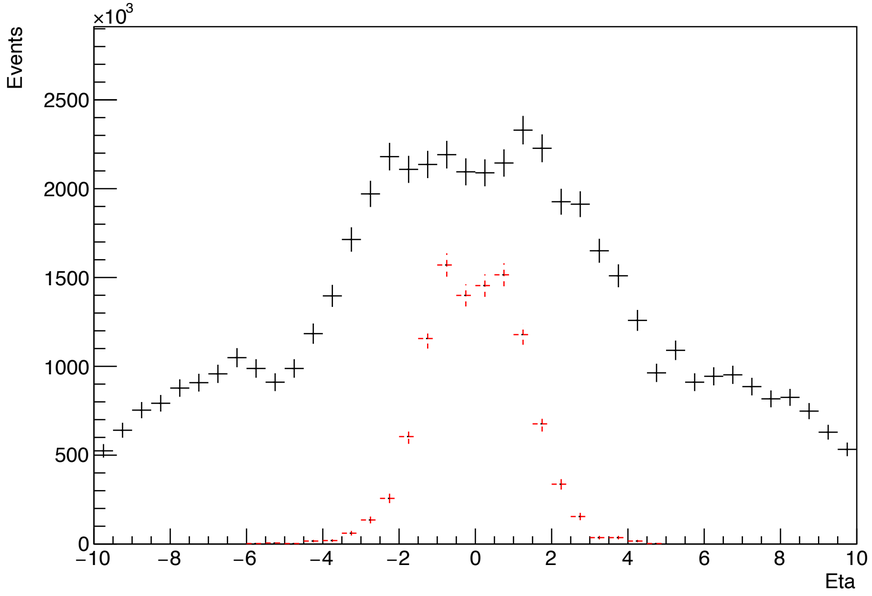


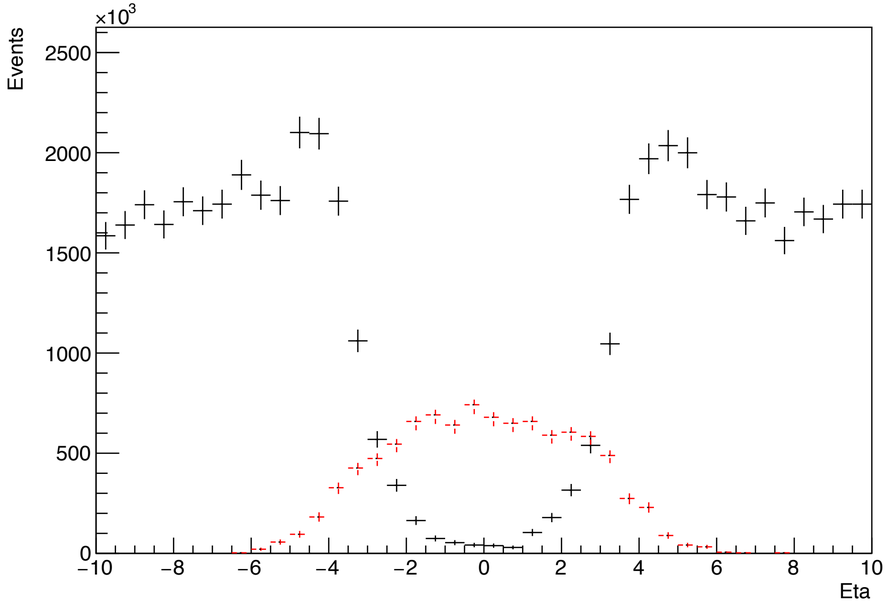
10 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



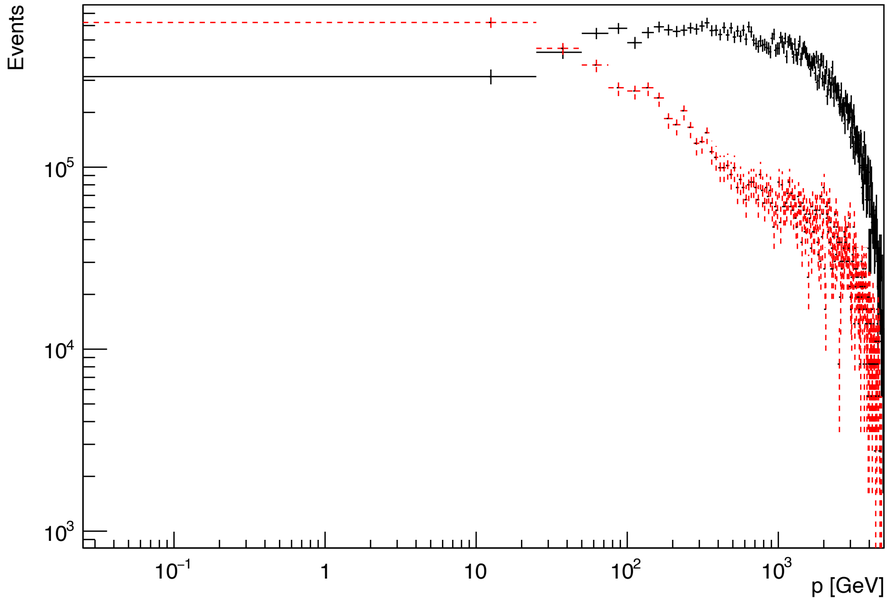


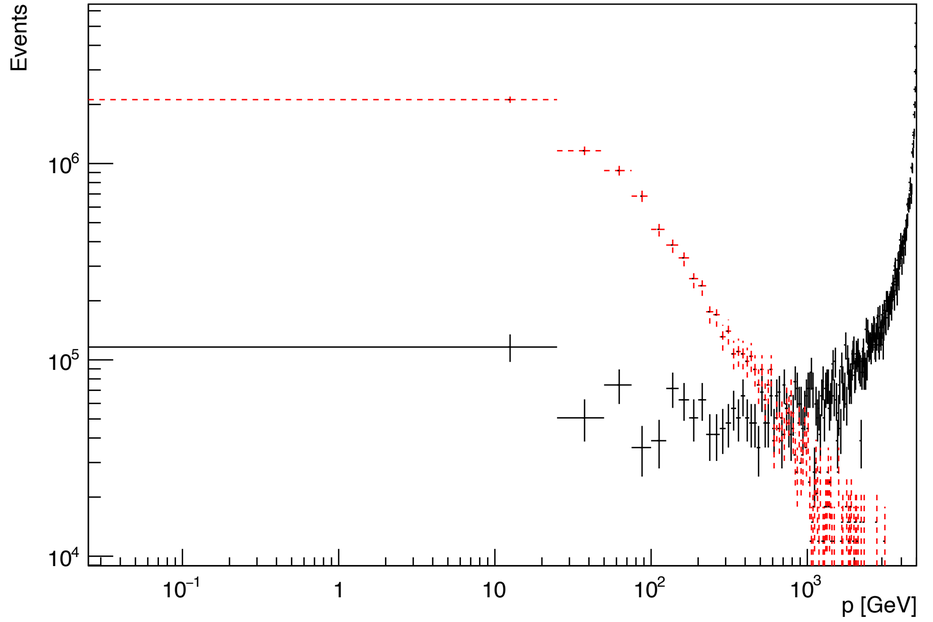


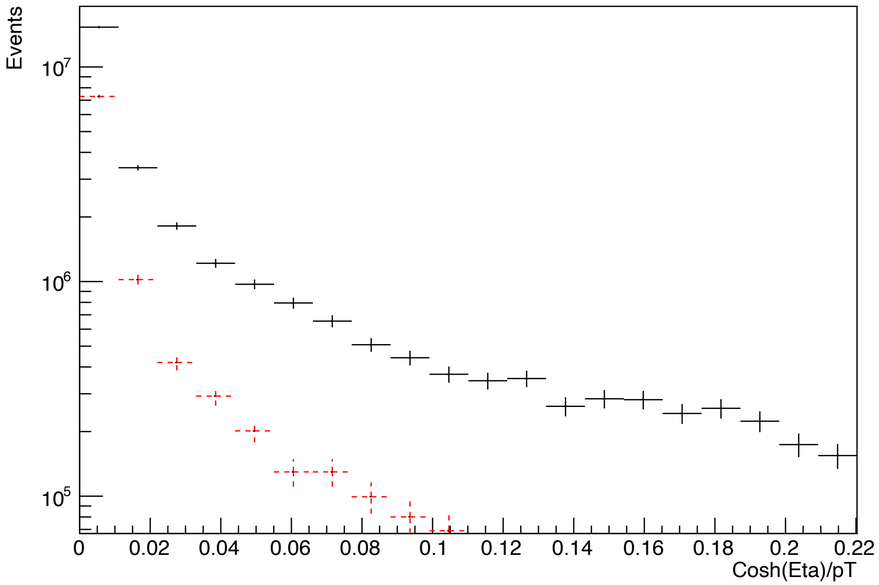


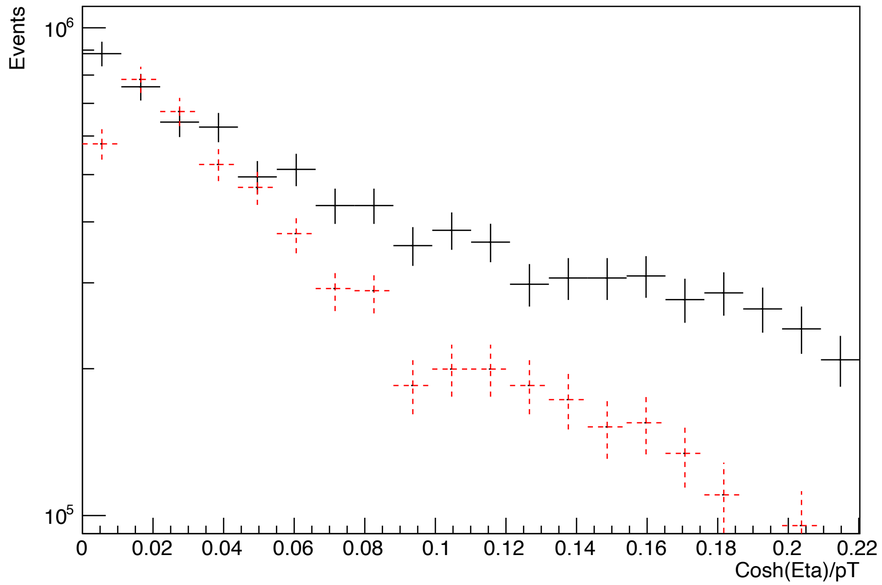
10 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



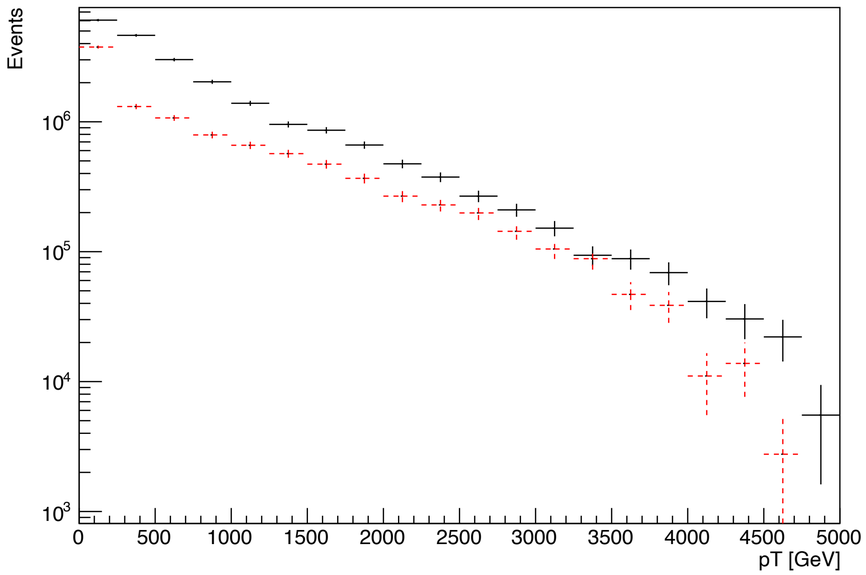


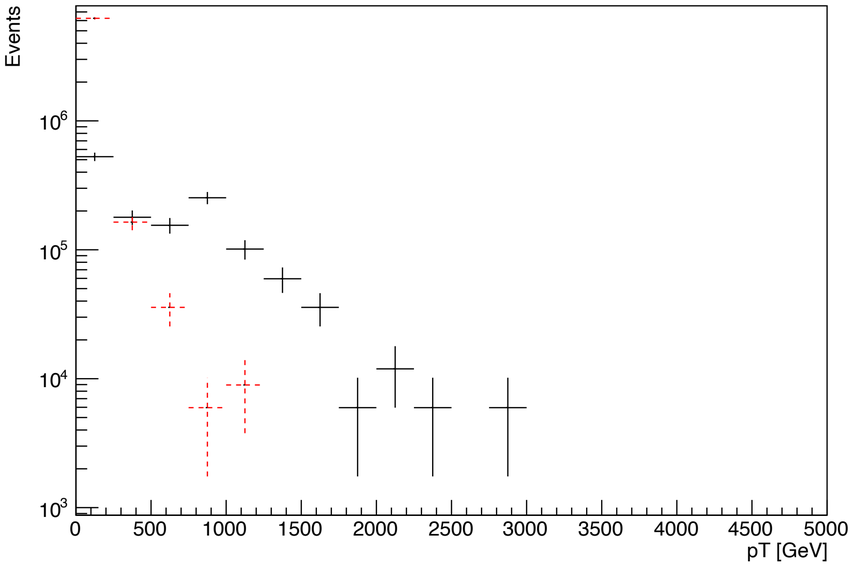


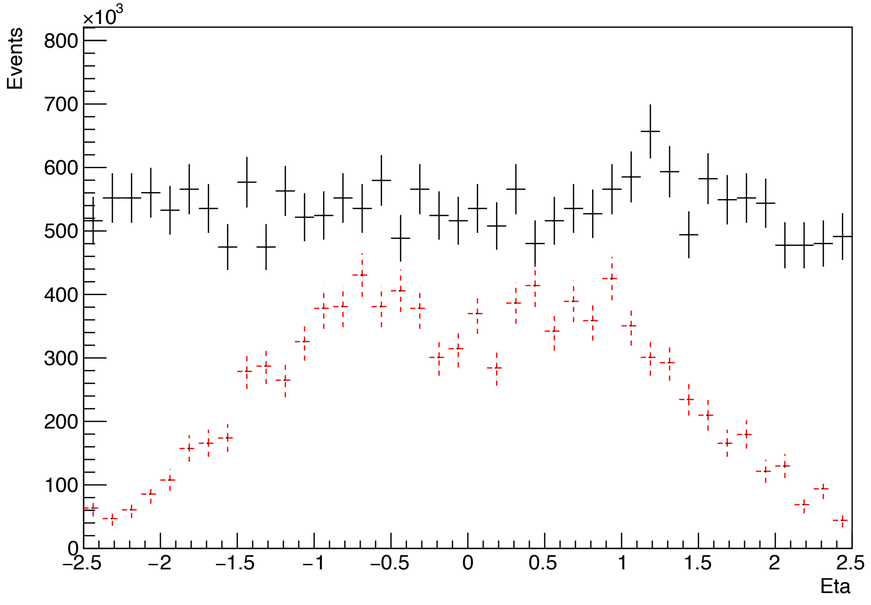


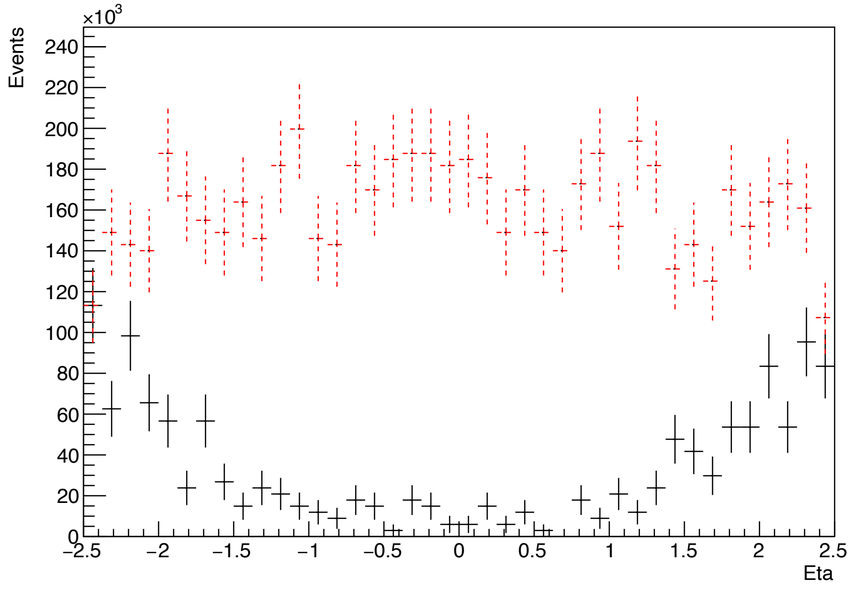
10 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



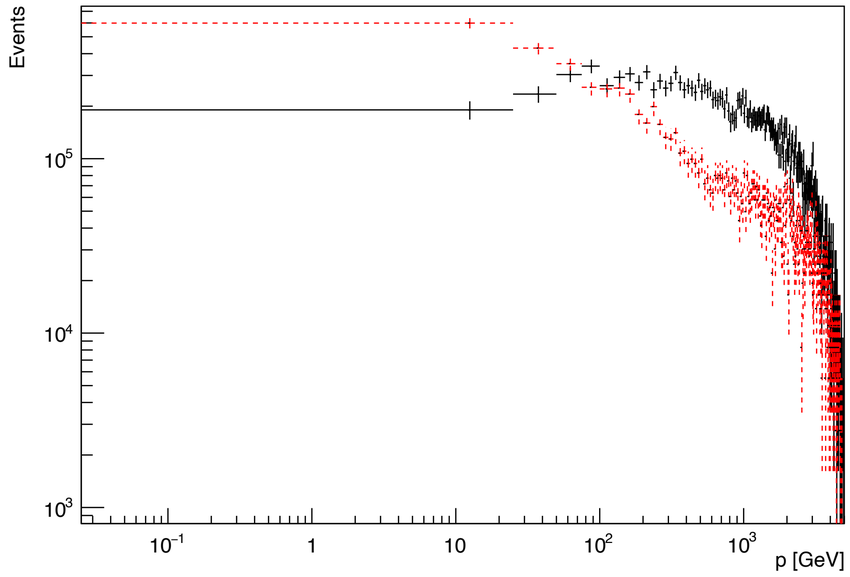


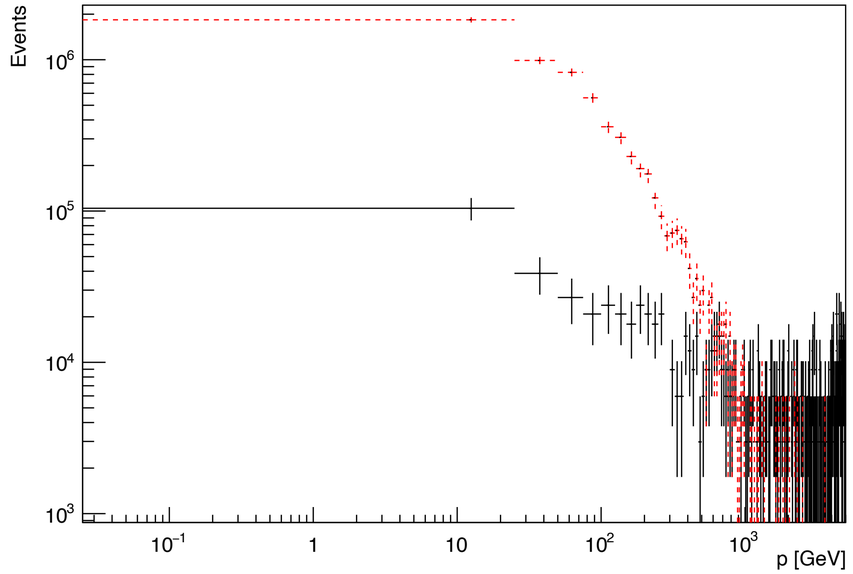


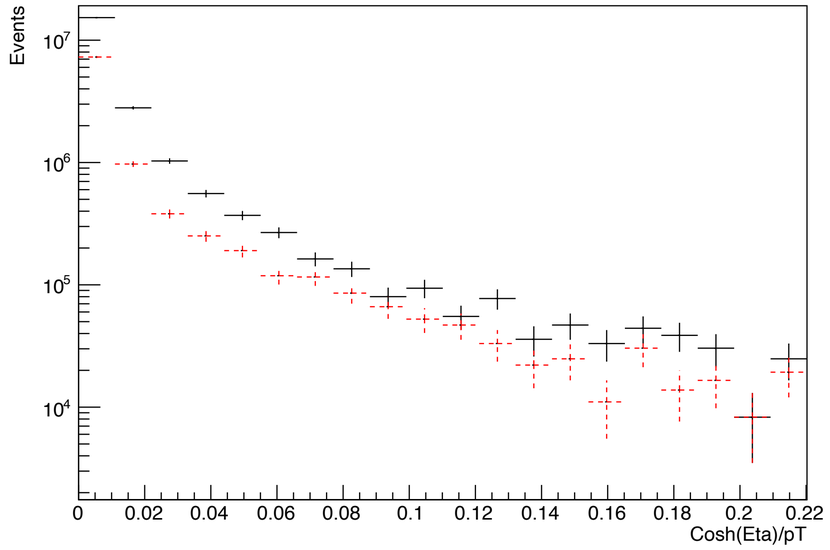


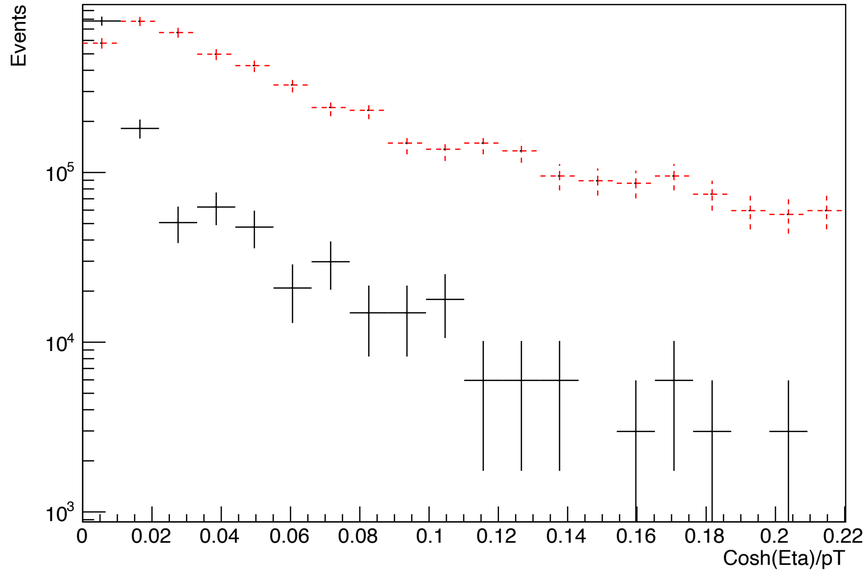
10 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



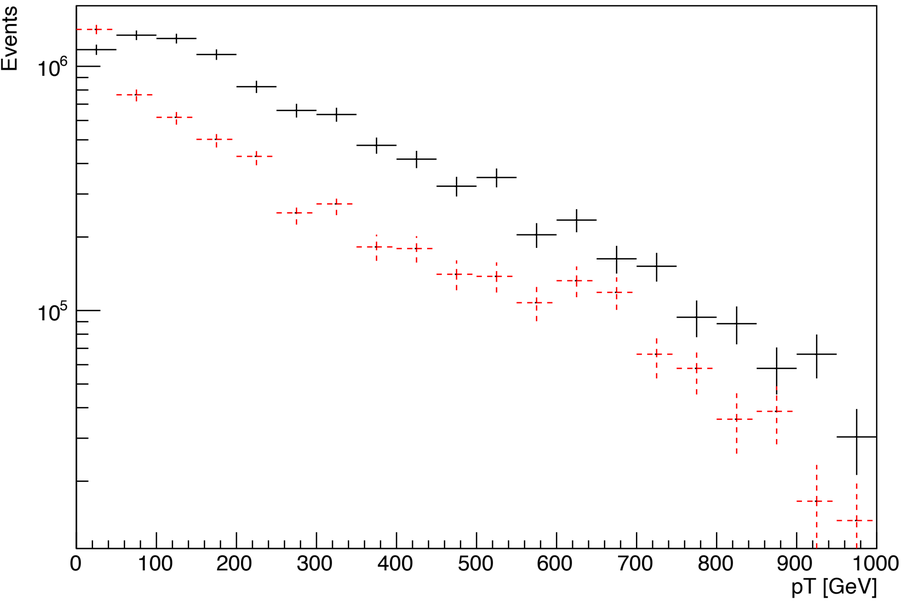


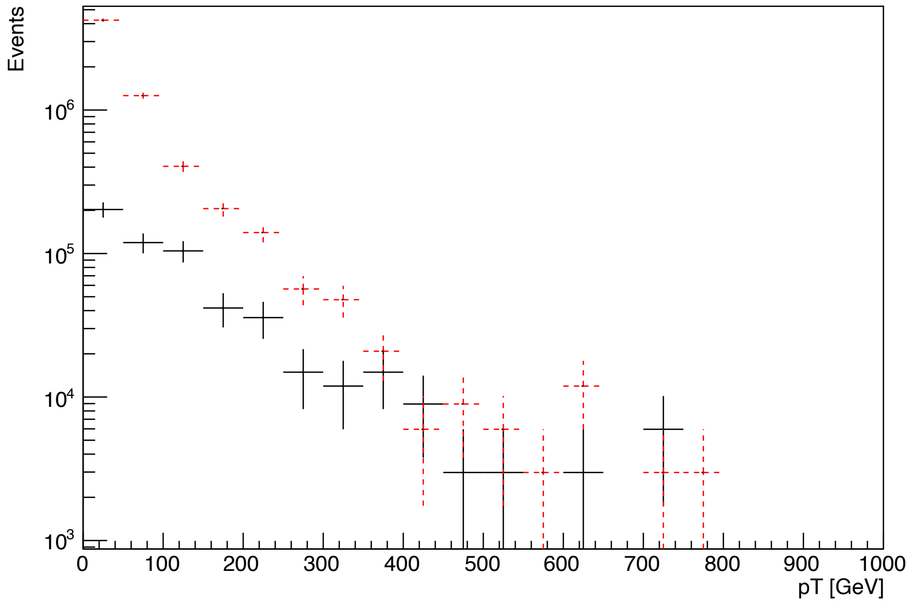


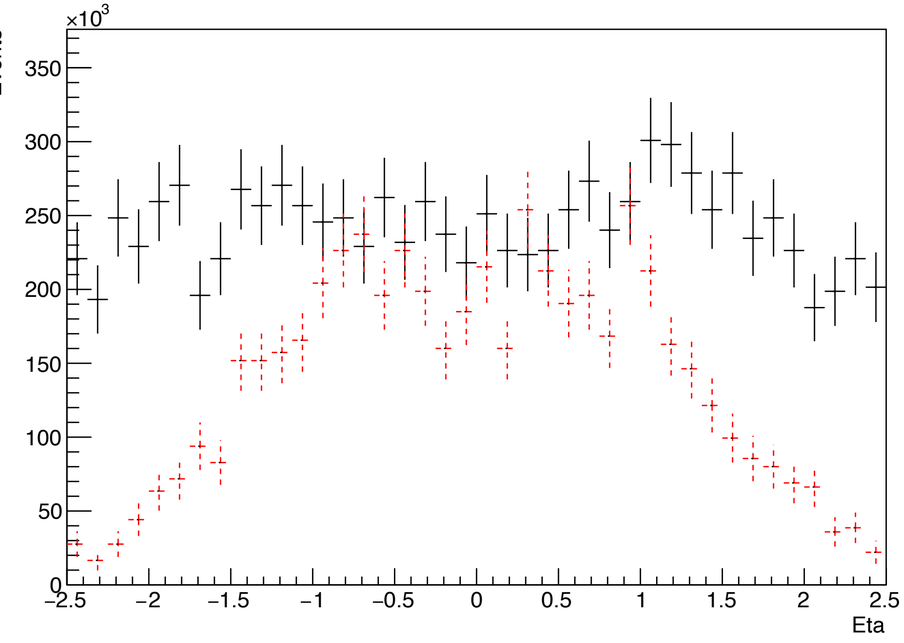


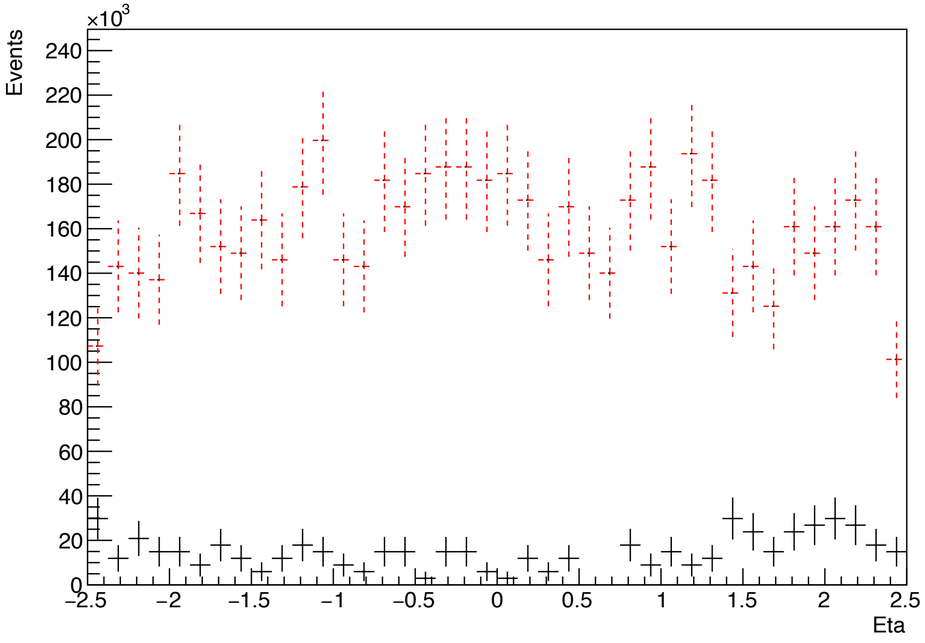
10 TeV
Eta<2.5 & P<1 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



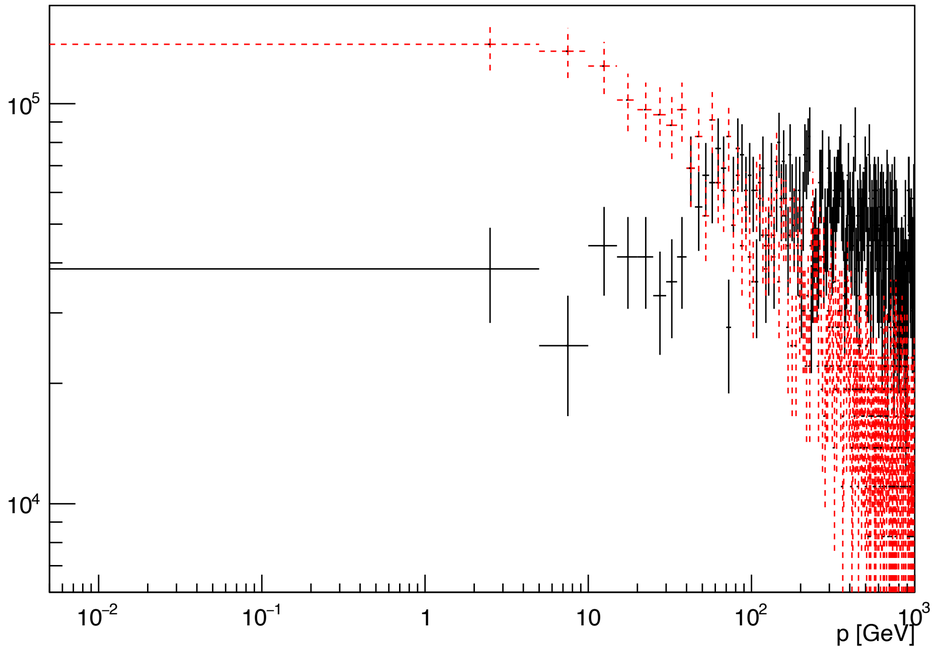


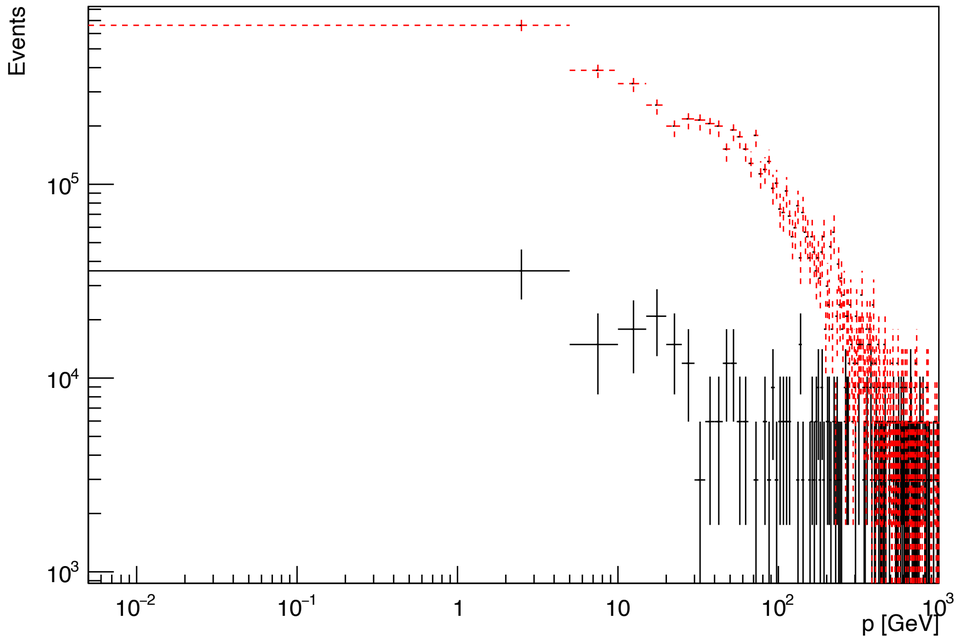


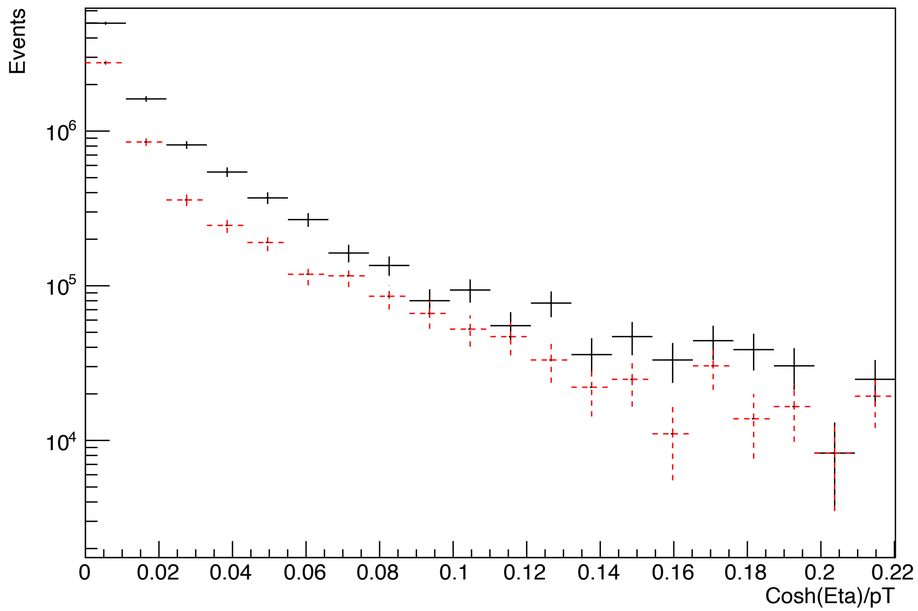


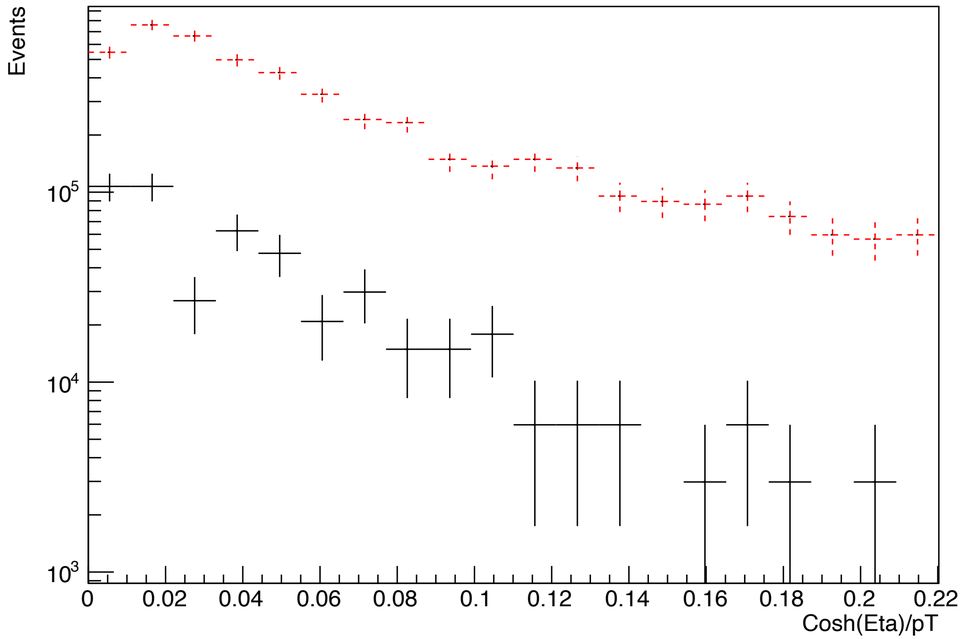
10 TeV
Eta<2.5 & P<1 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



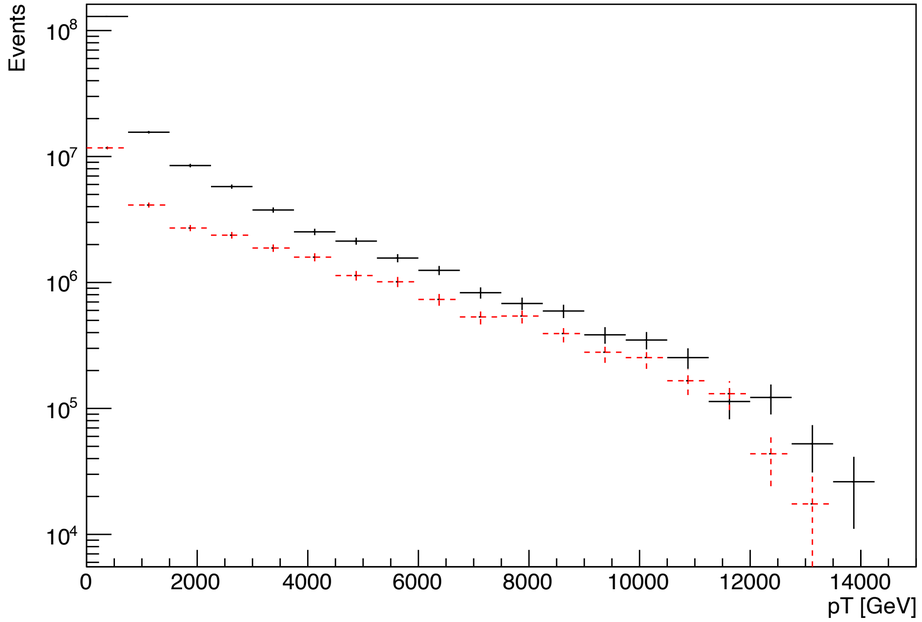


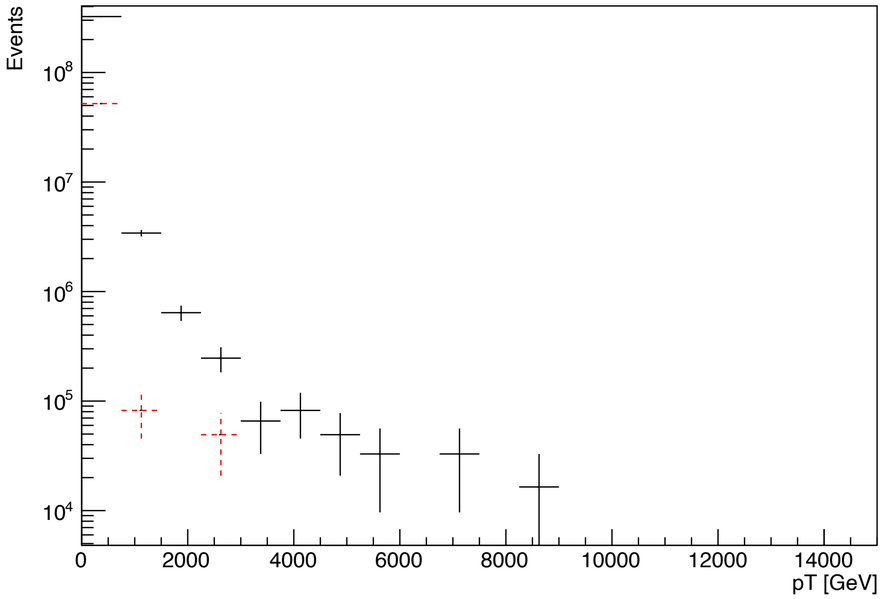


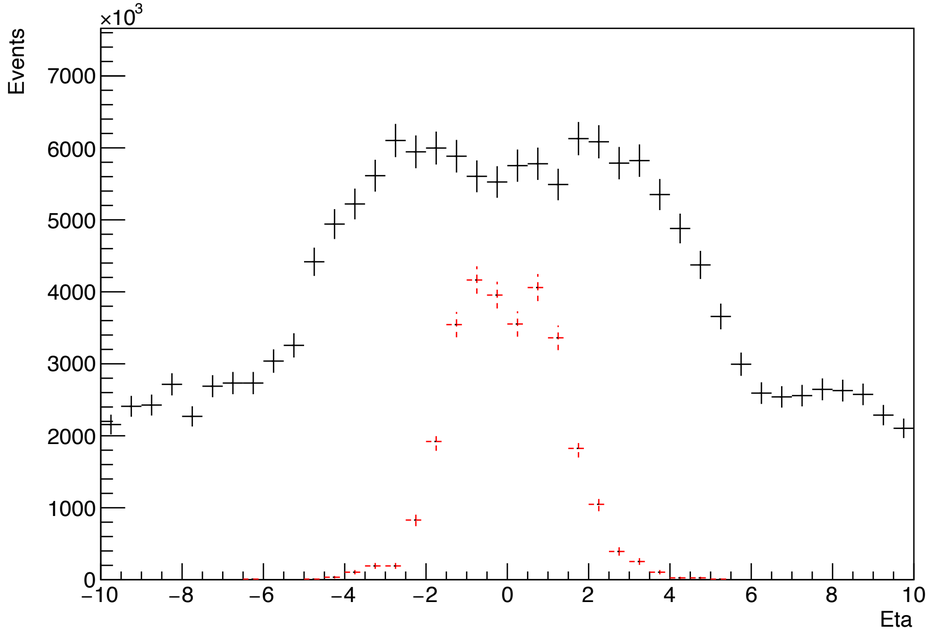


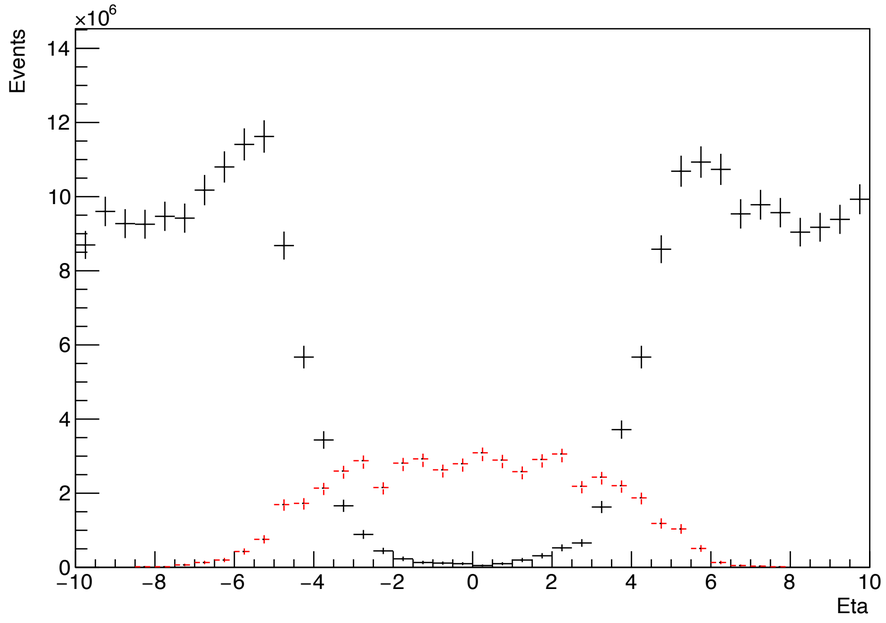
30 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



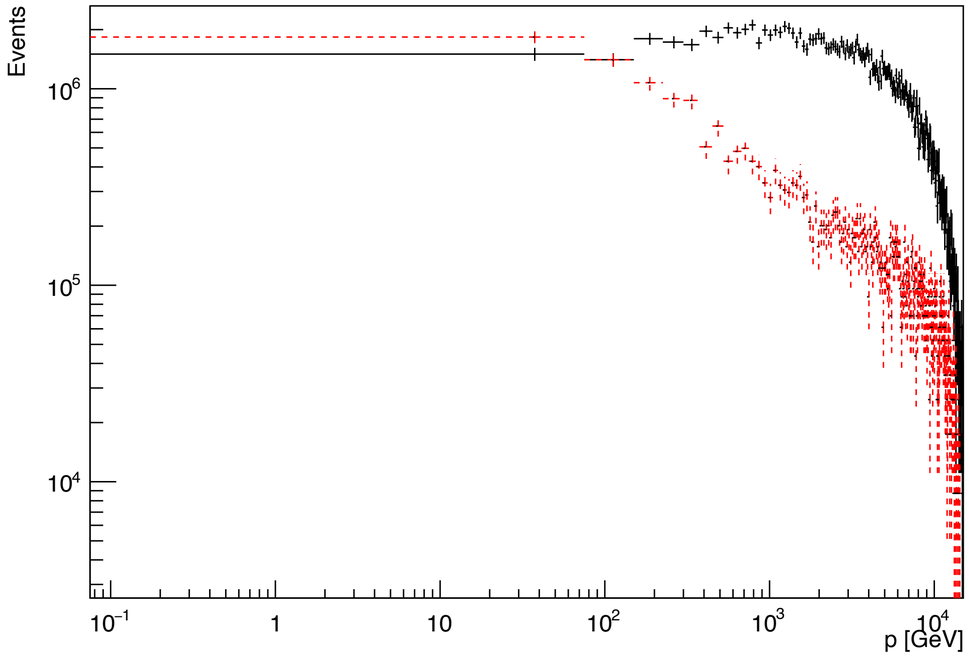


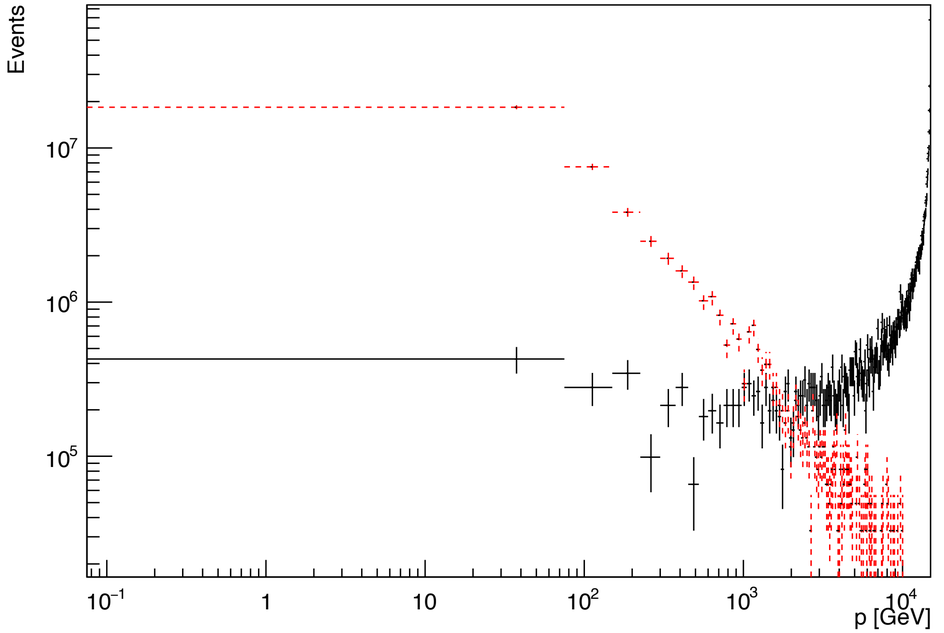


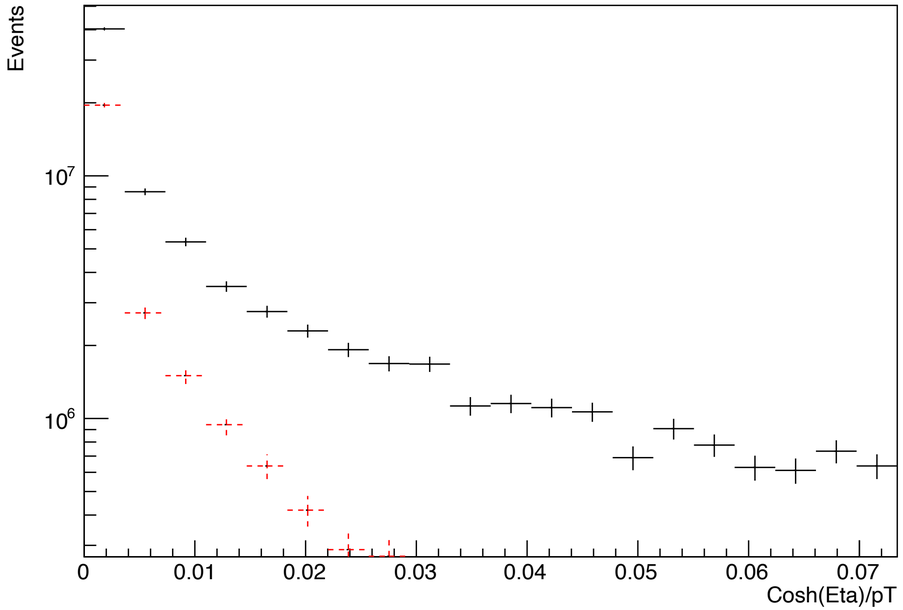


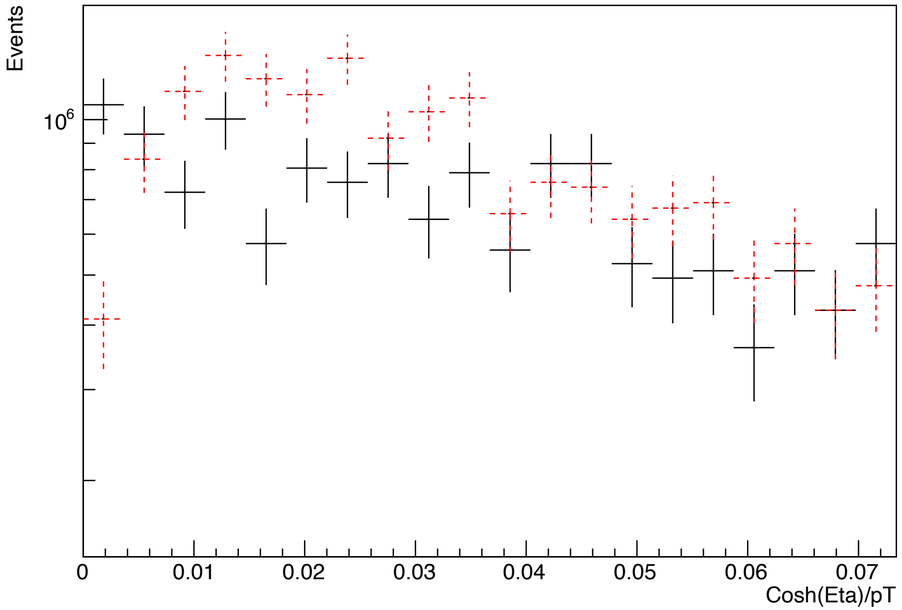
30 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



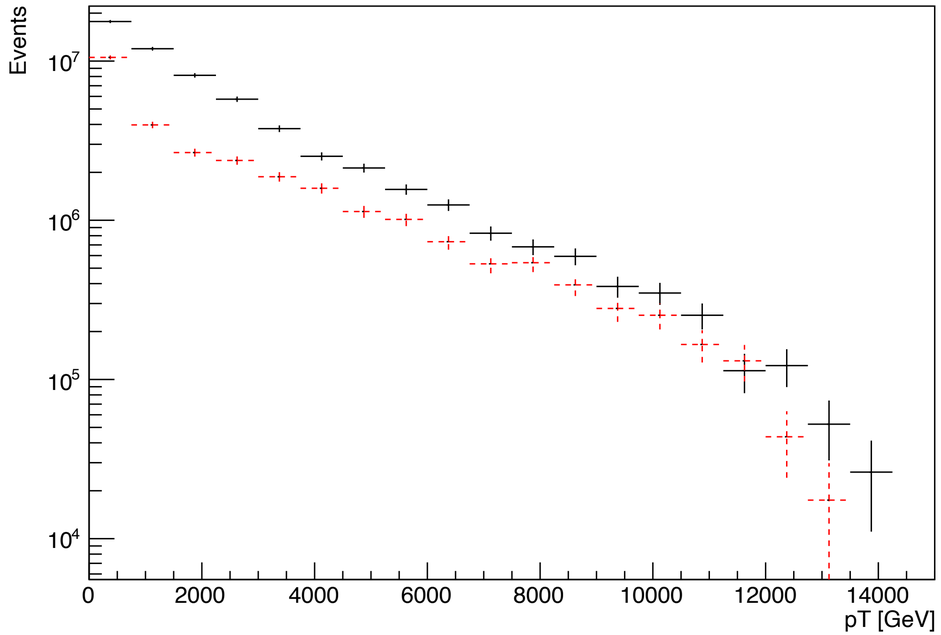


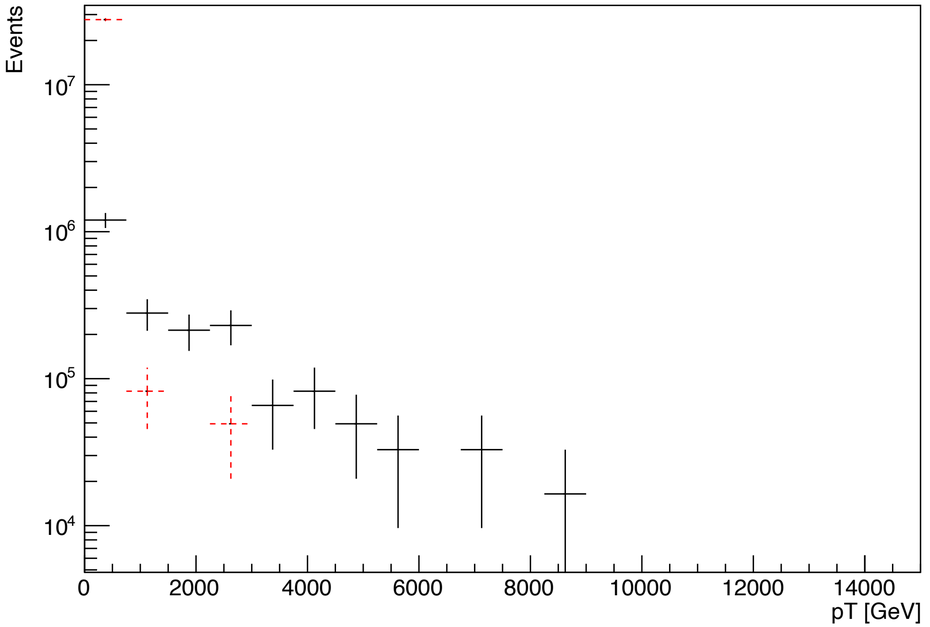


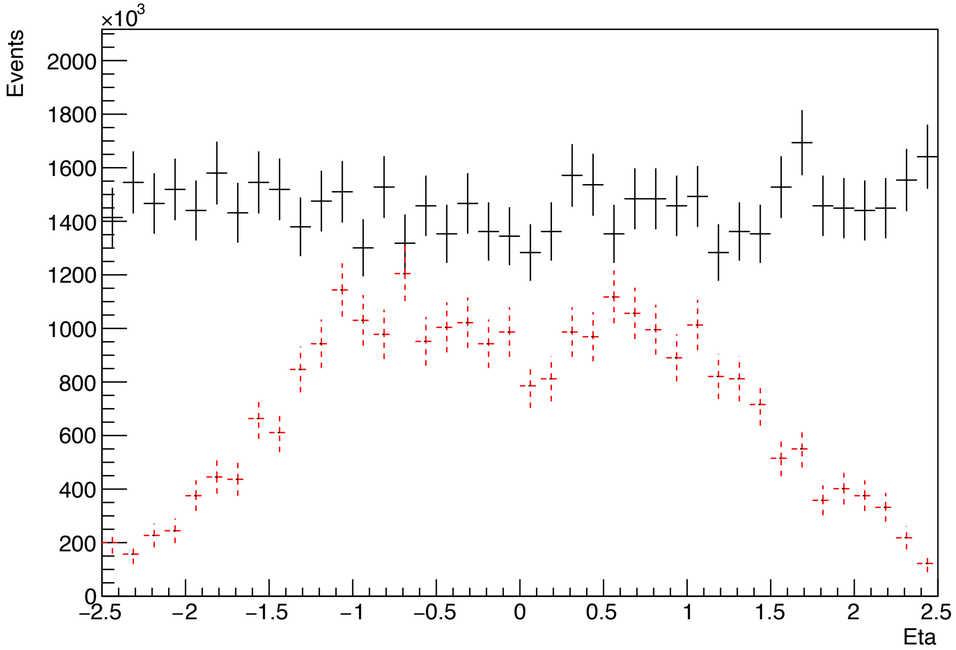


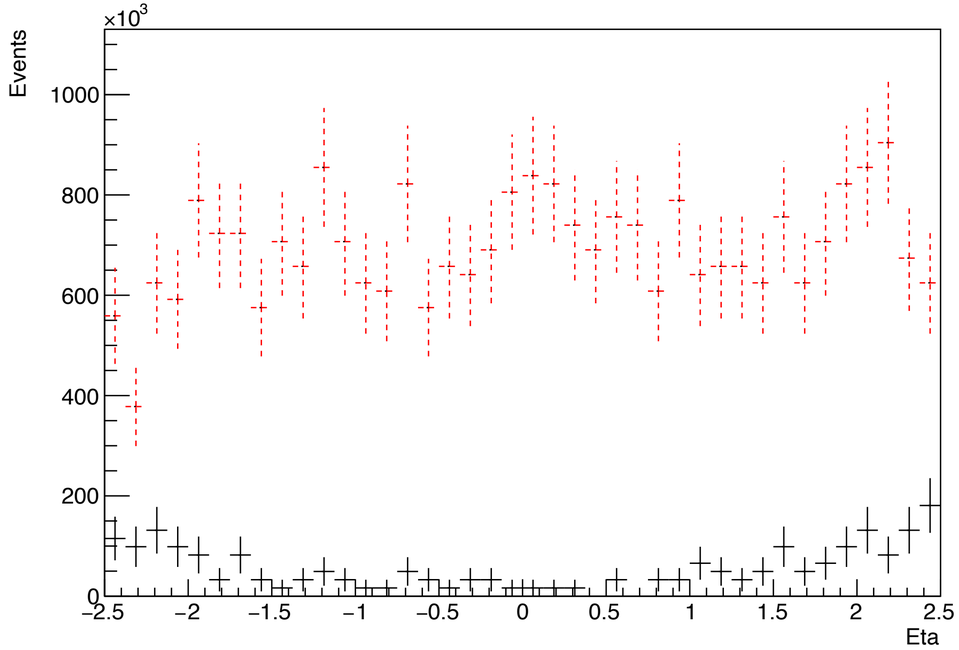
30 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



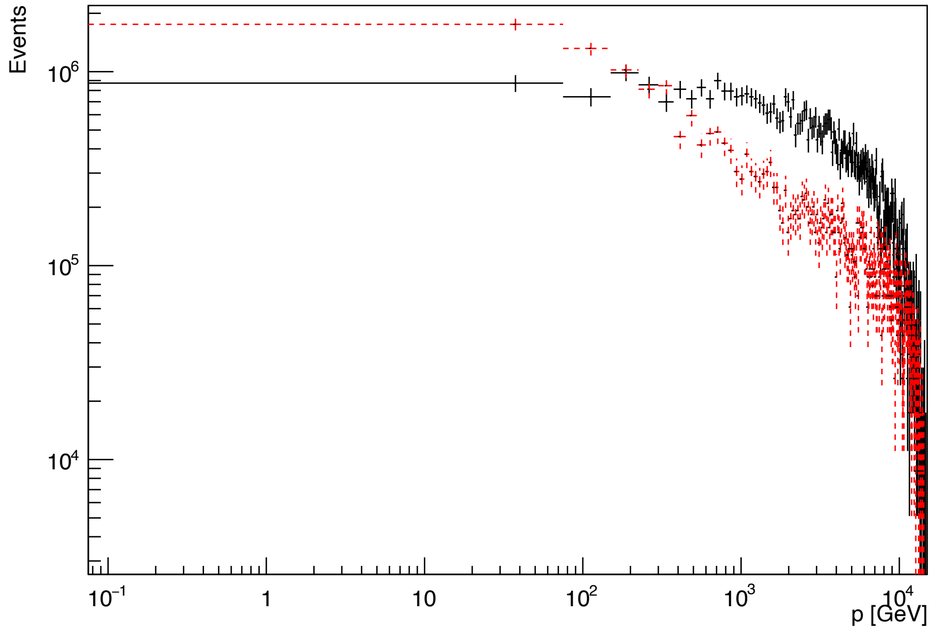


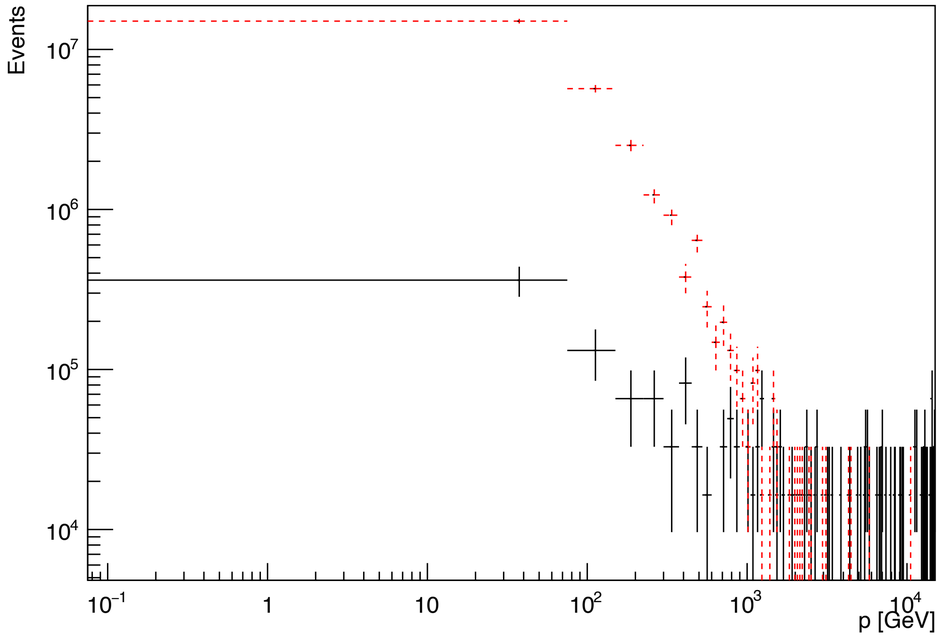


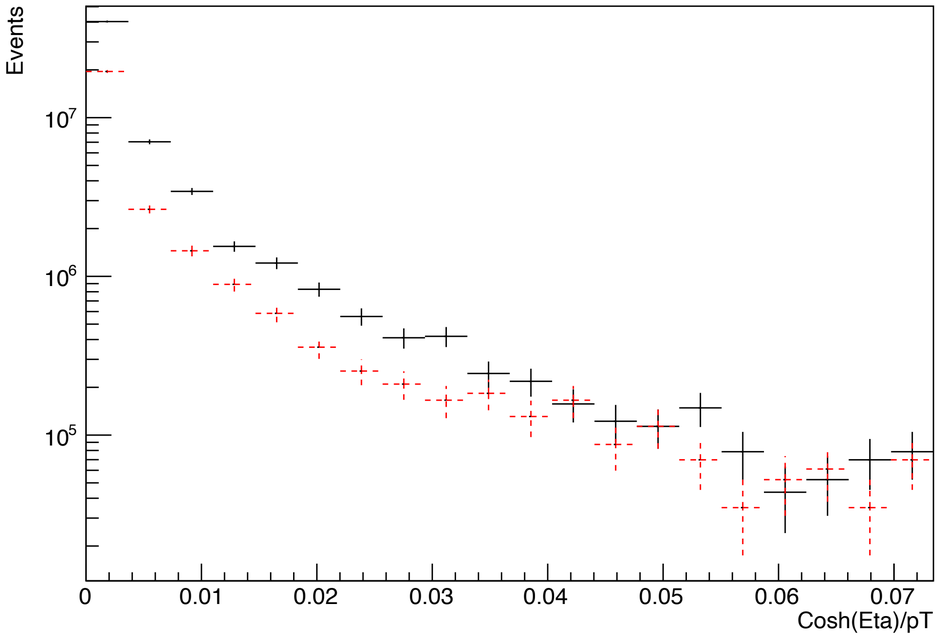


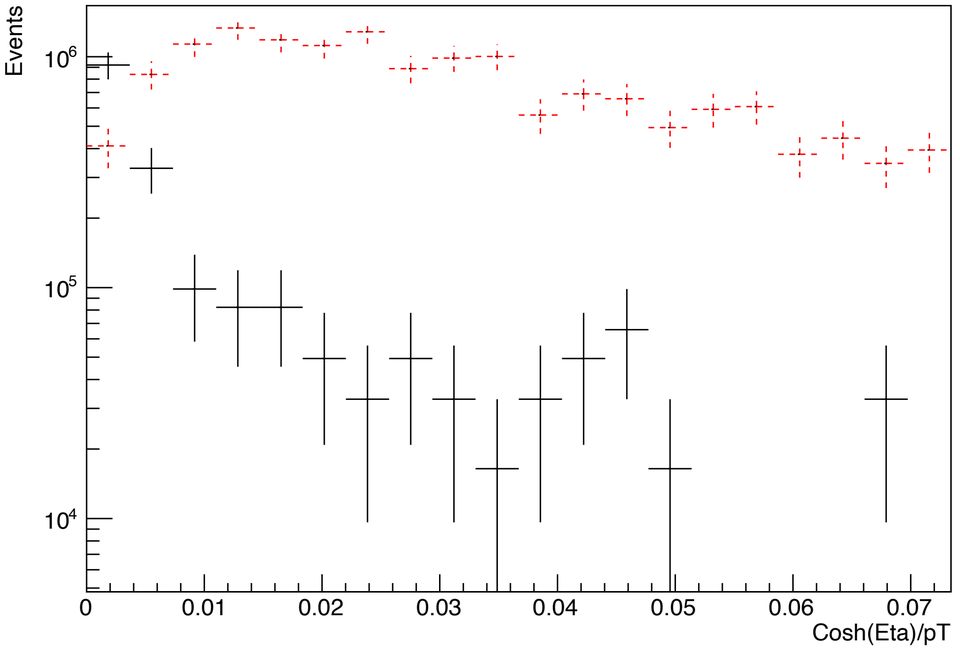
30 TeV
Eta<2.5

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



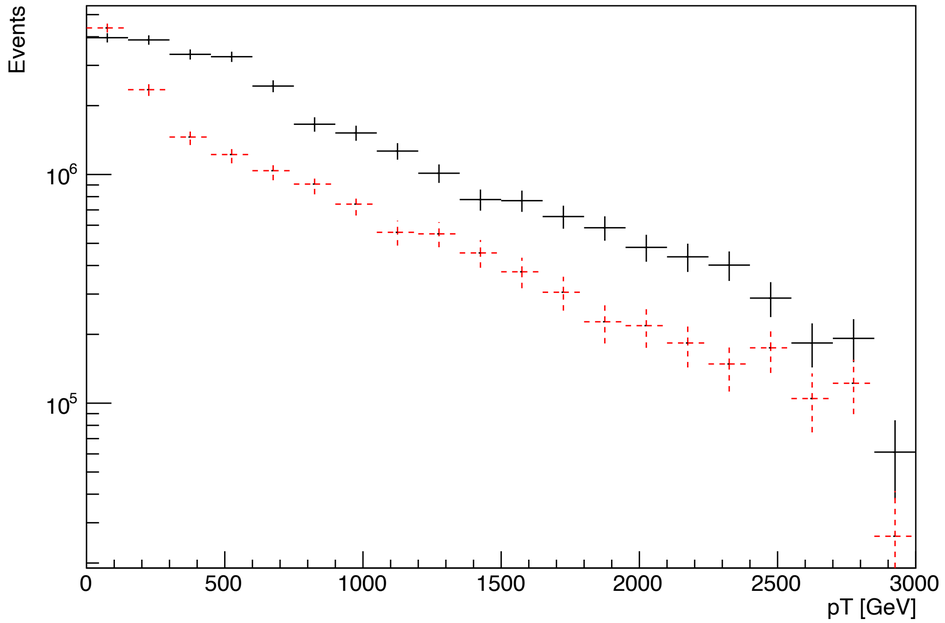


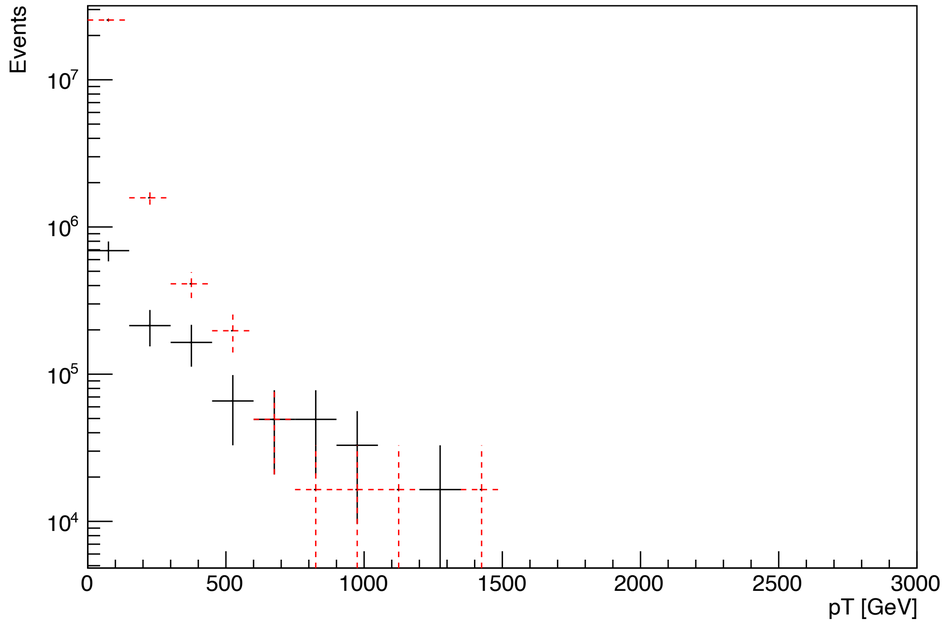


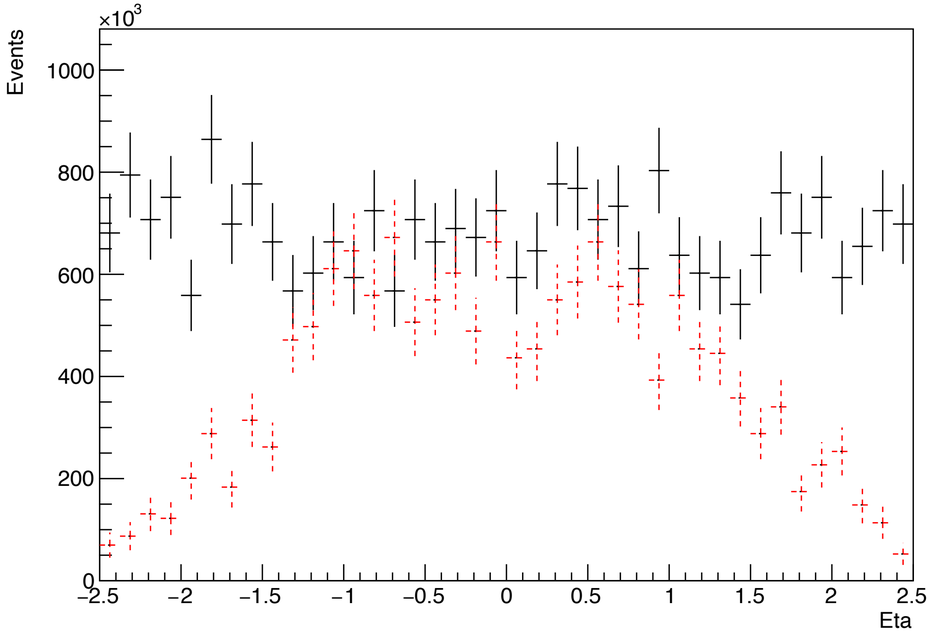


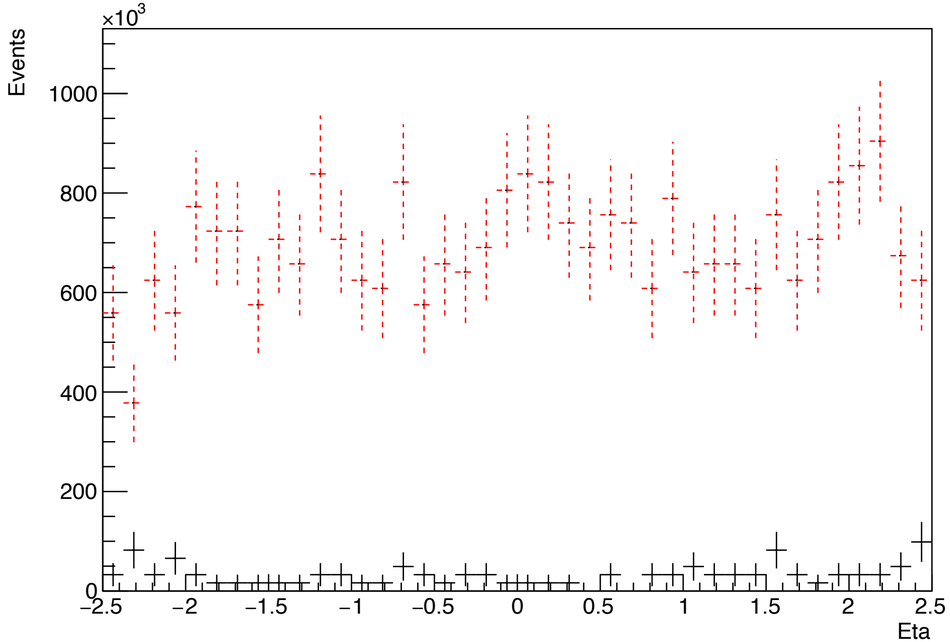
30 TeV
Eta<2.5 & P<3 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



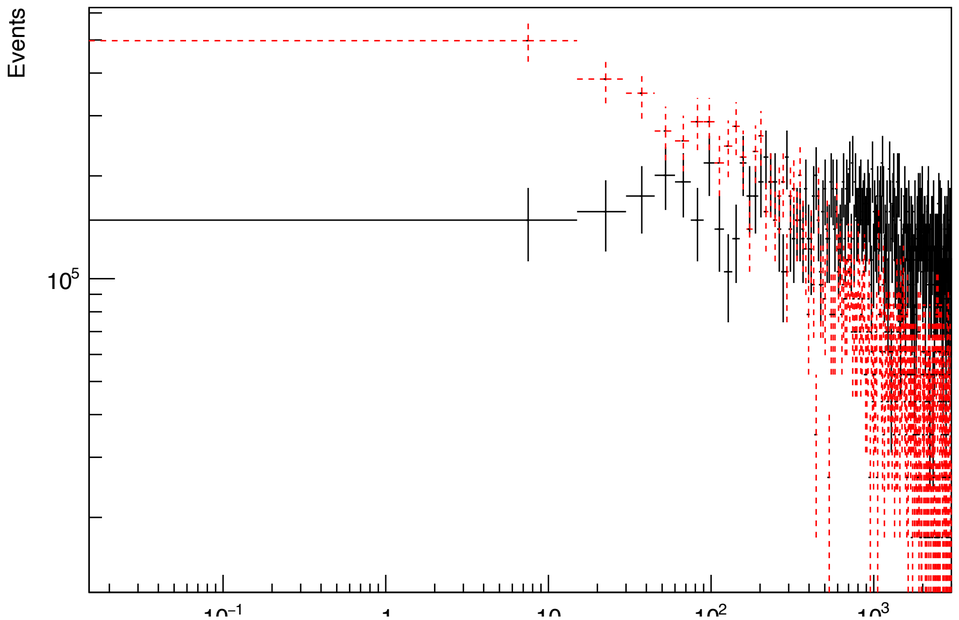


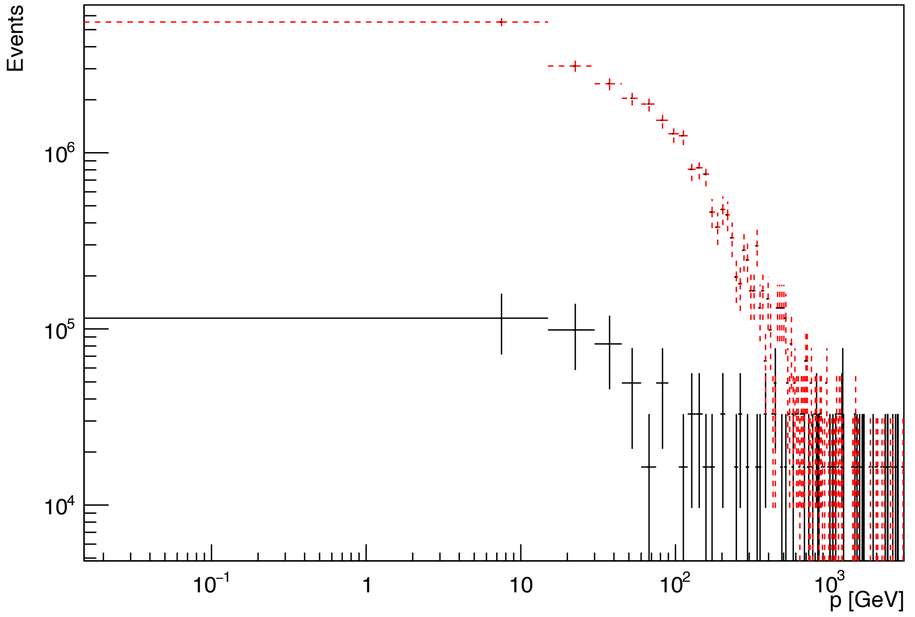


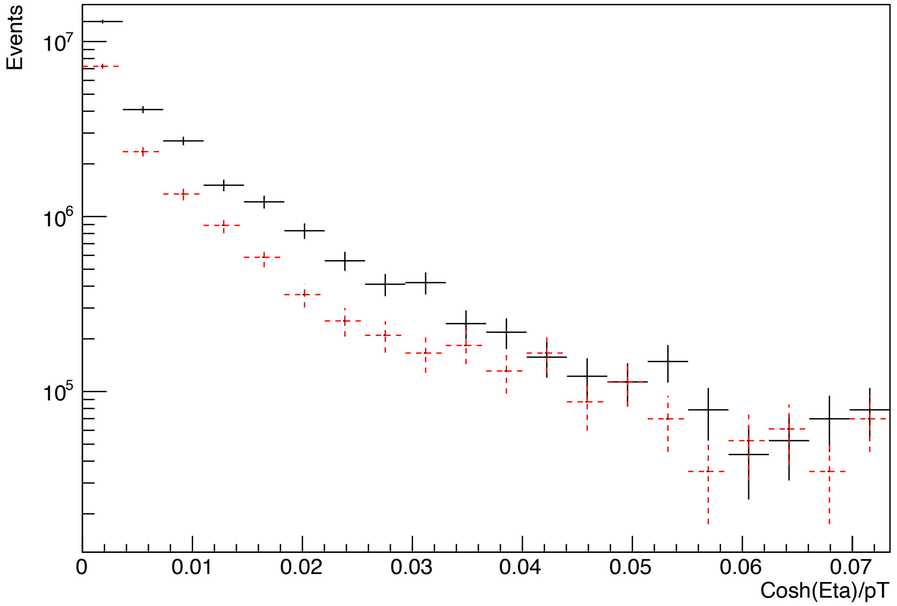


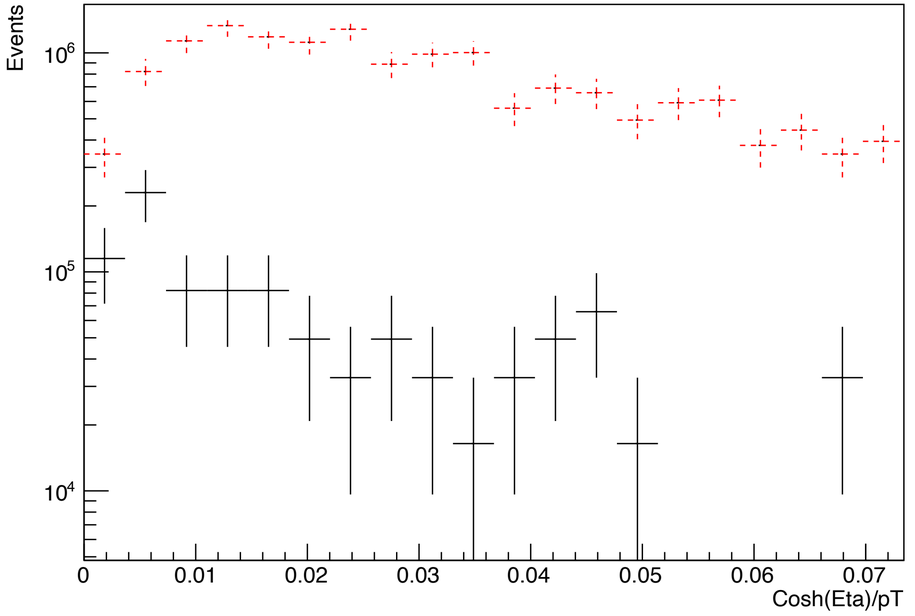
30 TeV
Eta<2.5 & P<3 TeV

INT+QUAD (left) SM (right)
Beam Remnants (black)
Non-beam Remnants (red)



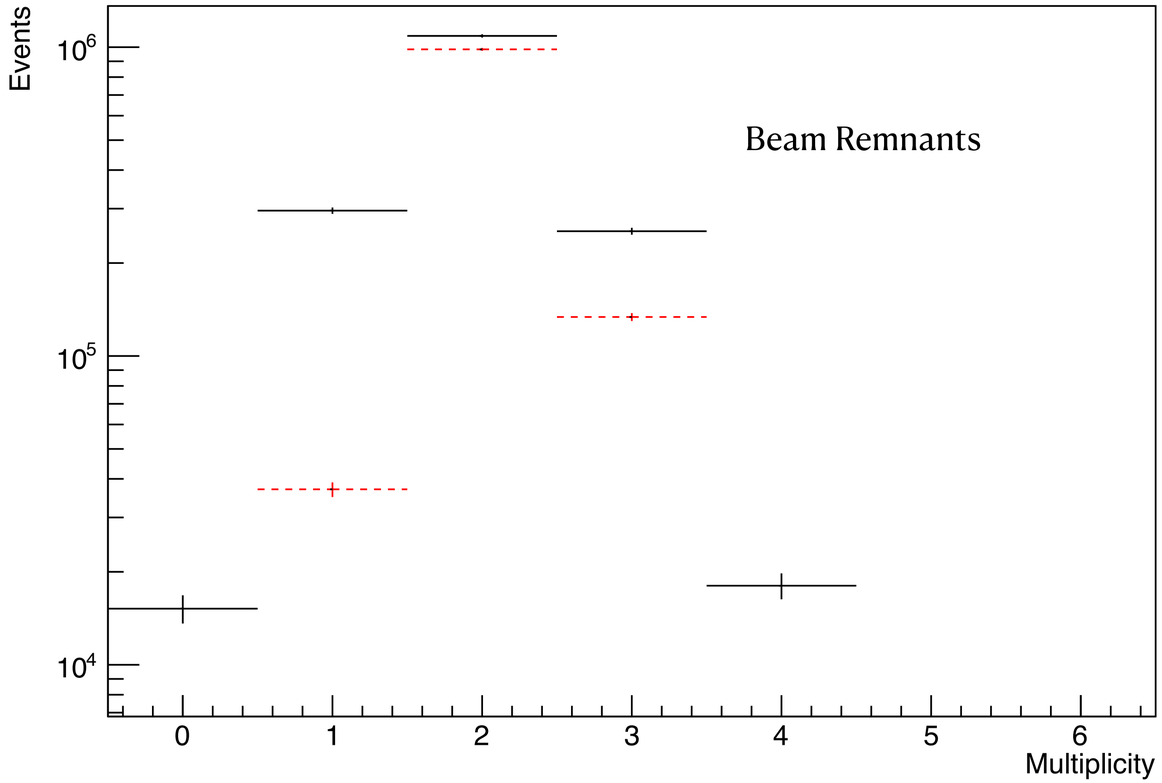


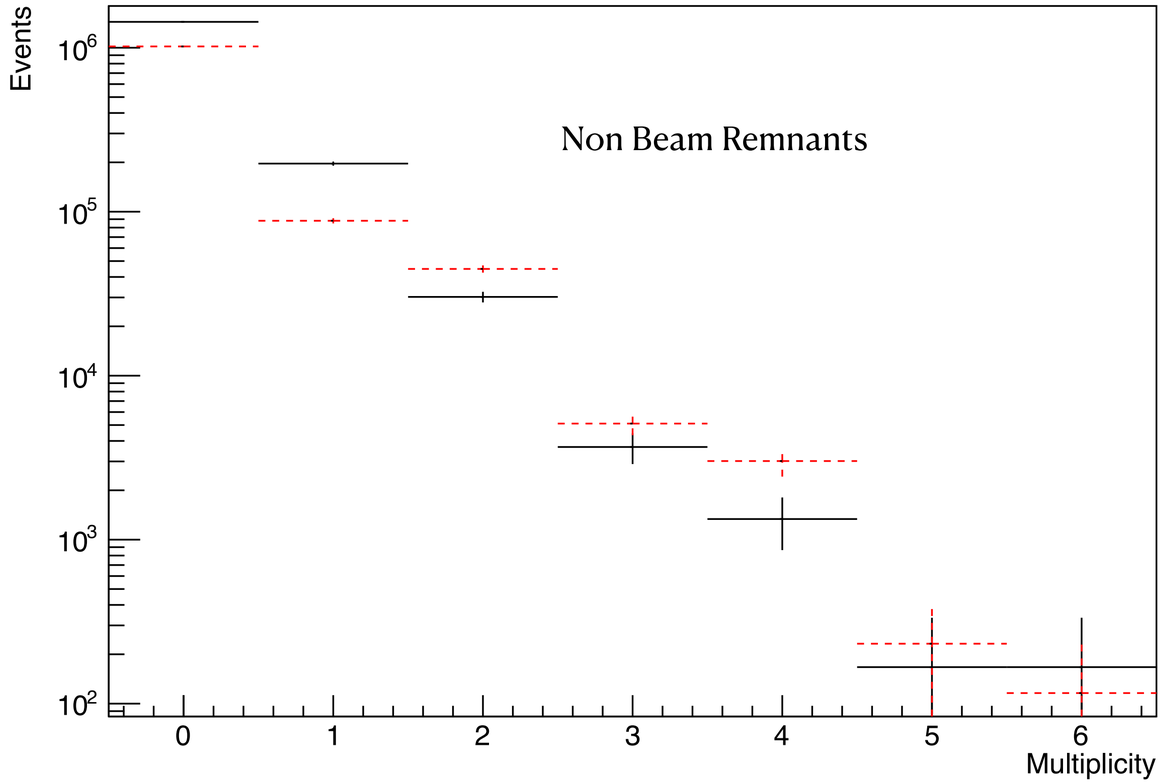




3 TeV

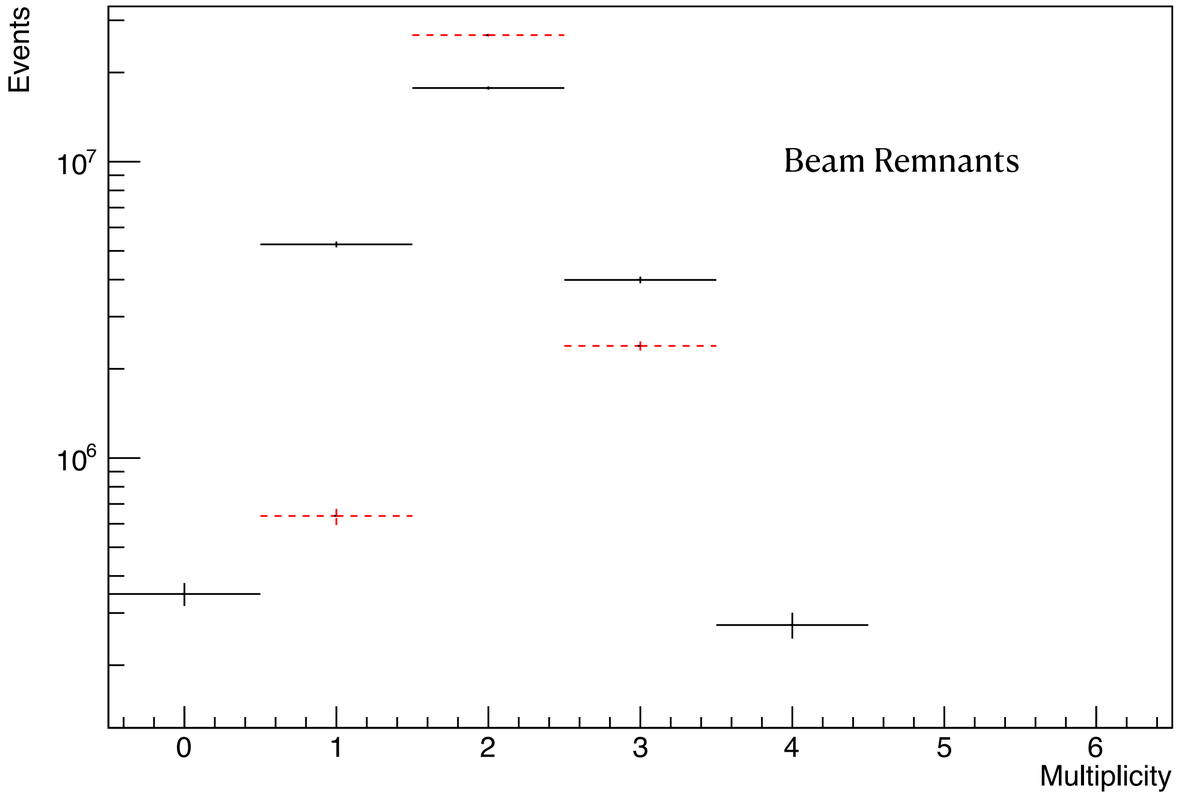
INT+QUAD (Black) SM (Red)
Beam Remnants = Any muon with momentum > sqrt(S)/30 (left)
Non-beam Remnants = Any electron or muon with eta<2 and momentum < sqrt(S)/30 (right)

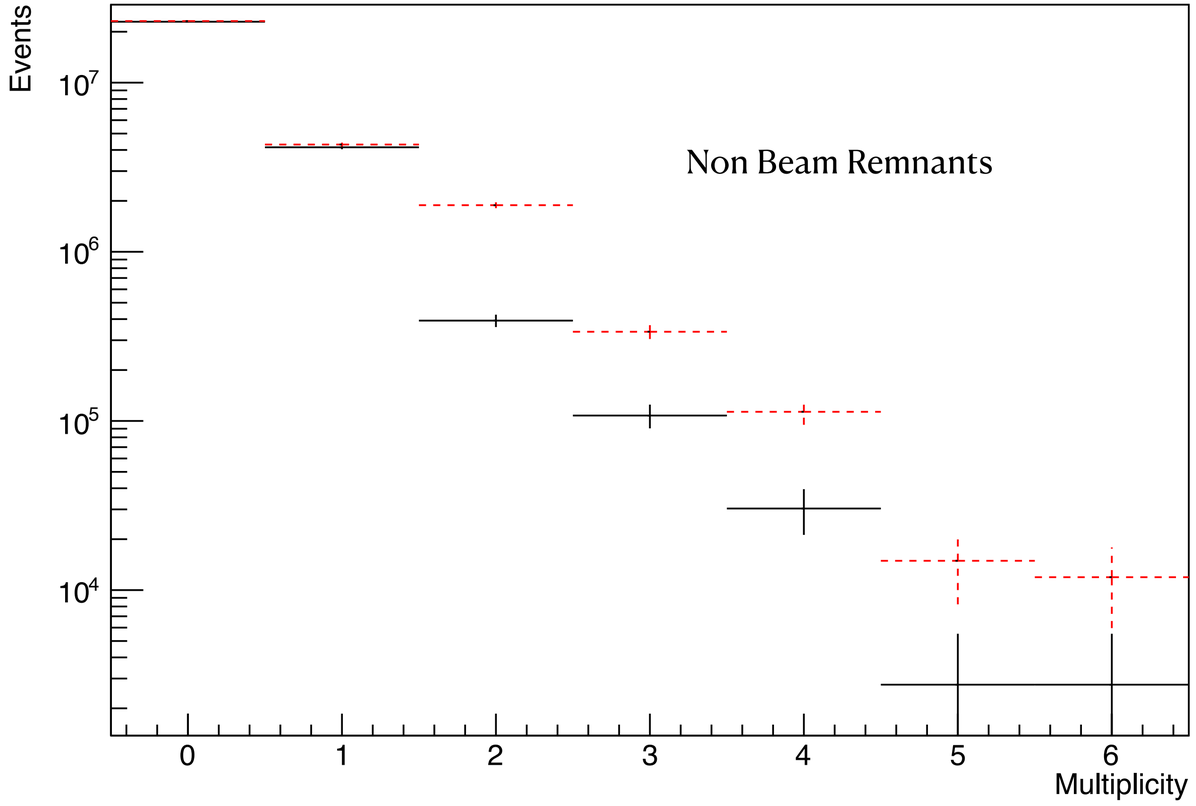




10 TeV

INT+QUAD (Black) SM (Red)
Beam Remnants = Any muon with momentum > sqrt(S)/30 (left)
Non-beam Remnants = Any electron or muon with eta<2 and momentum < sqrt(S)/30 (right)





30 TeV

INT+QUAD (Black) SM (Red)
Beam Remnants = Any muon with momentum > sqrt(S)/30 (left)
Non-beam Remnants = Any electron or muon with eta<2 and momentum < sqrt(S)/30 (right)