

Closest Distance Analysis

Liquuyang

7-28

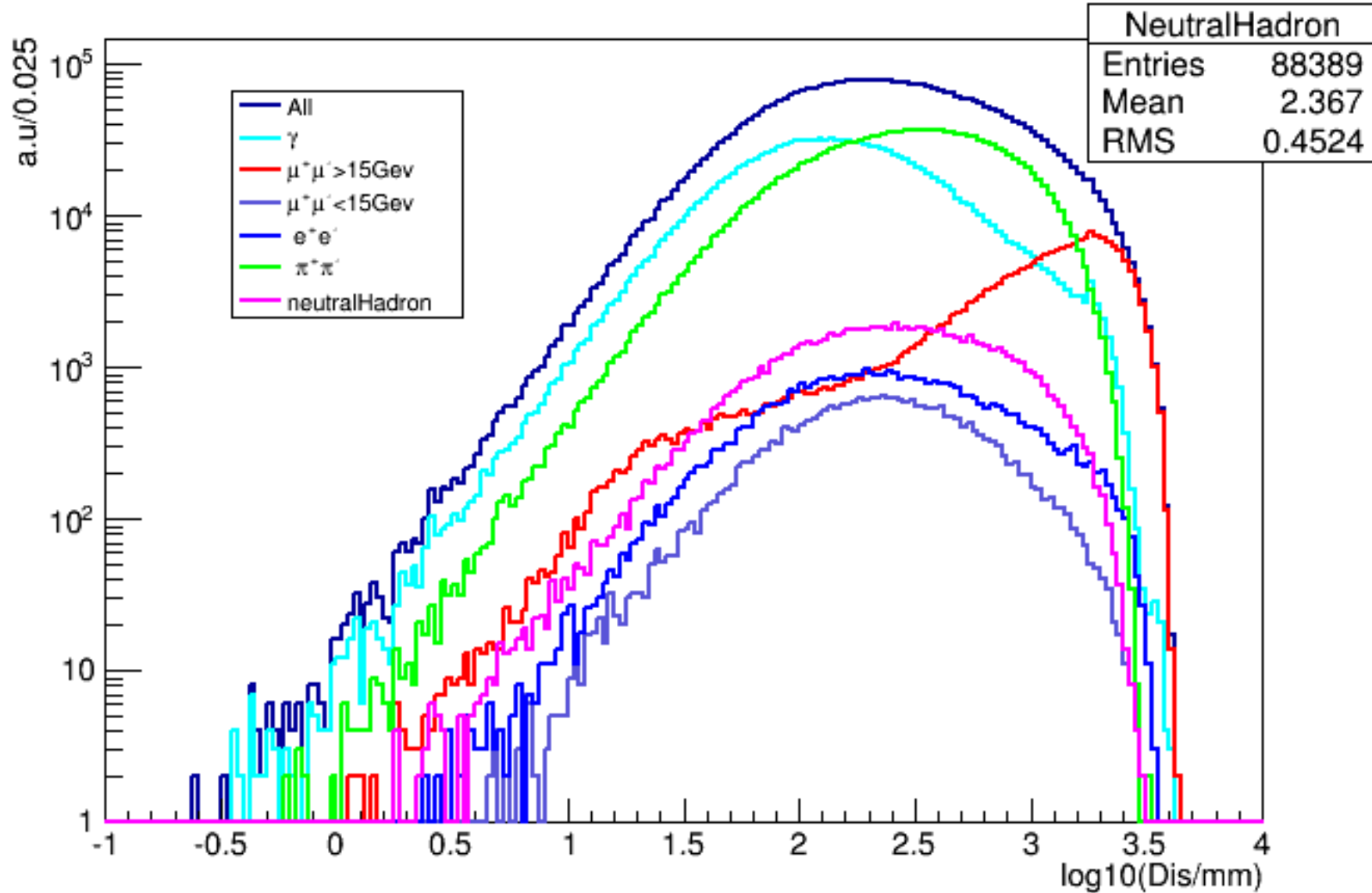
Signal(mumuH) SamplePath:

/cefs/data/stdhep/signal/Higgs/E250.Pe2e2h.whizard195/E250.Pe2e2h_X.e0.p0.whizard195/

Only change Bfield, Radius is a constant(1808)

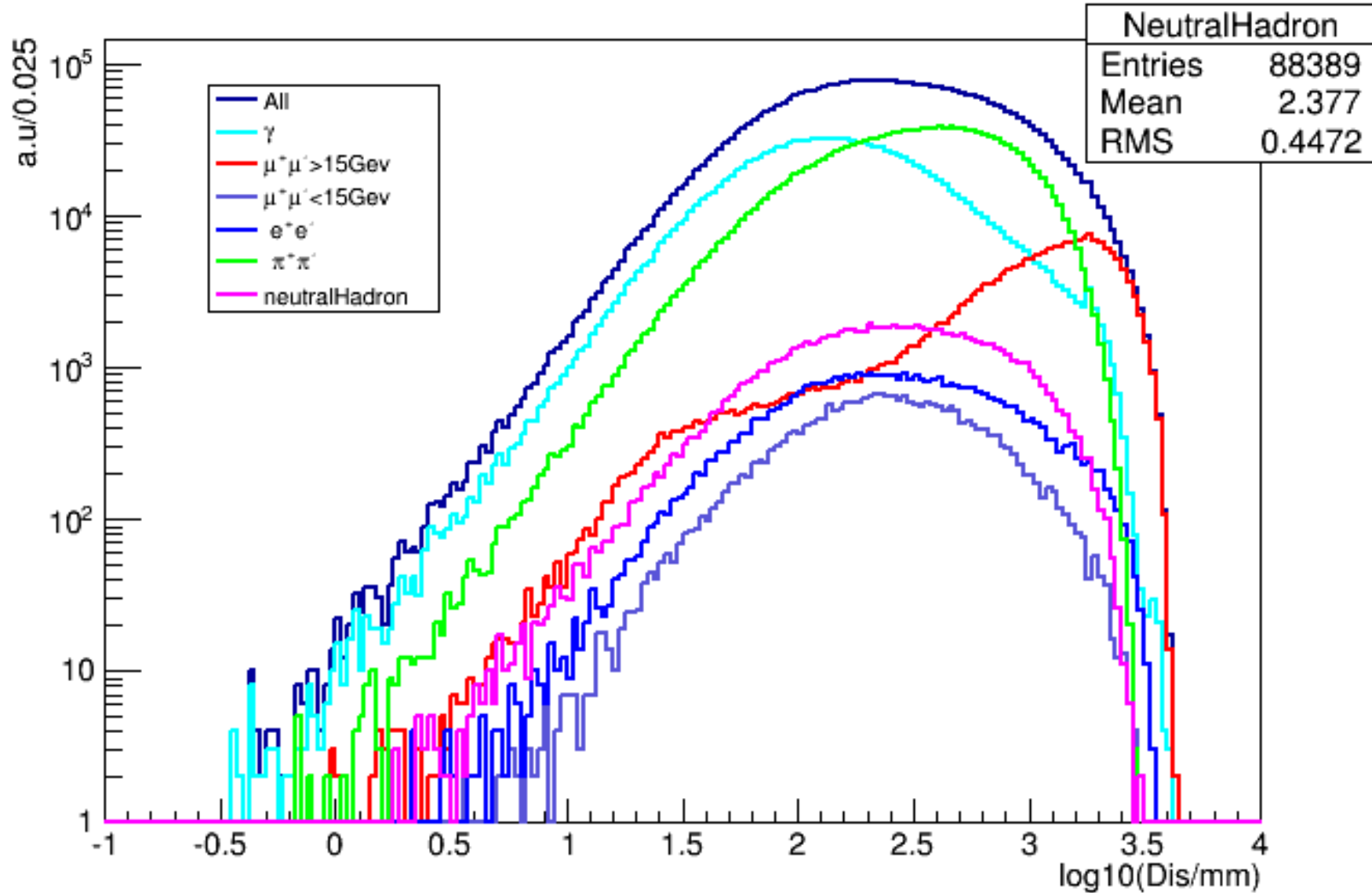
Radius = 1808, Bfield = 2

Dis Distribution for mumu events at 250 GeV



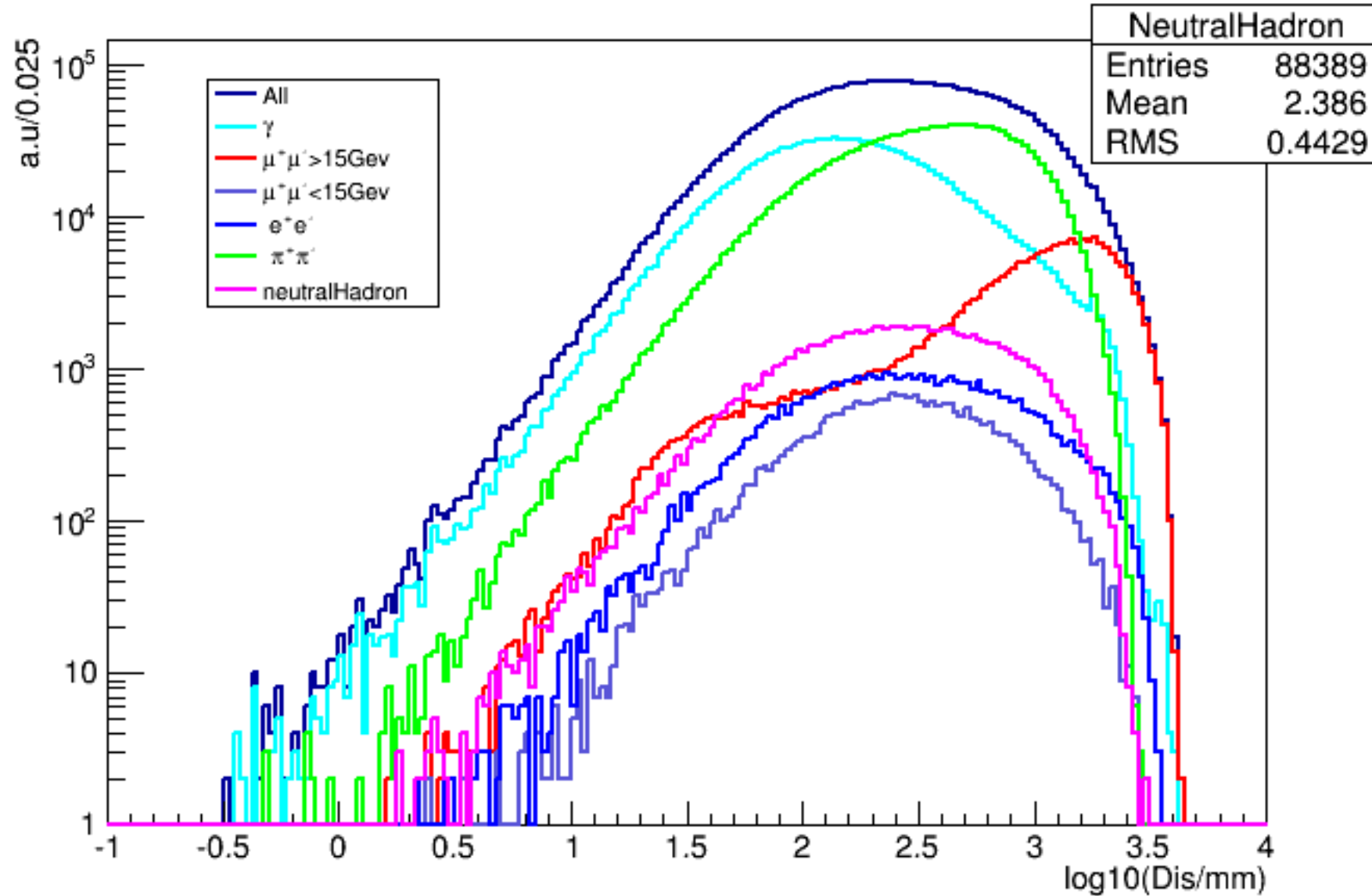
Radius = 1808, Bfield = 2.5

Dis Distribution for mumu events at 250 GeV



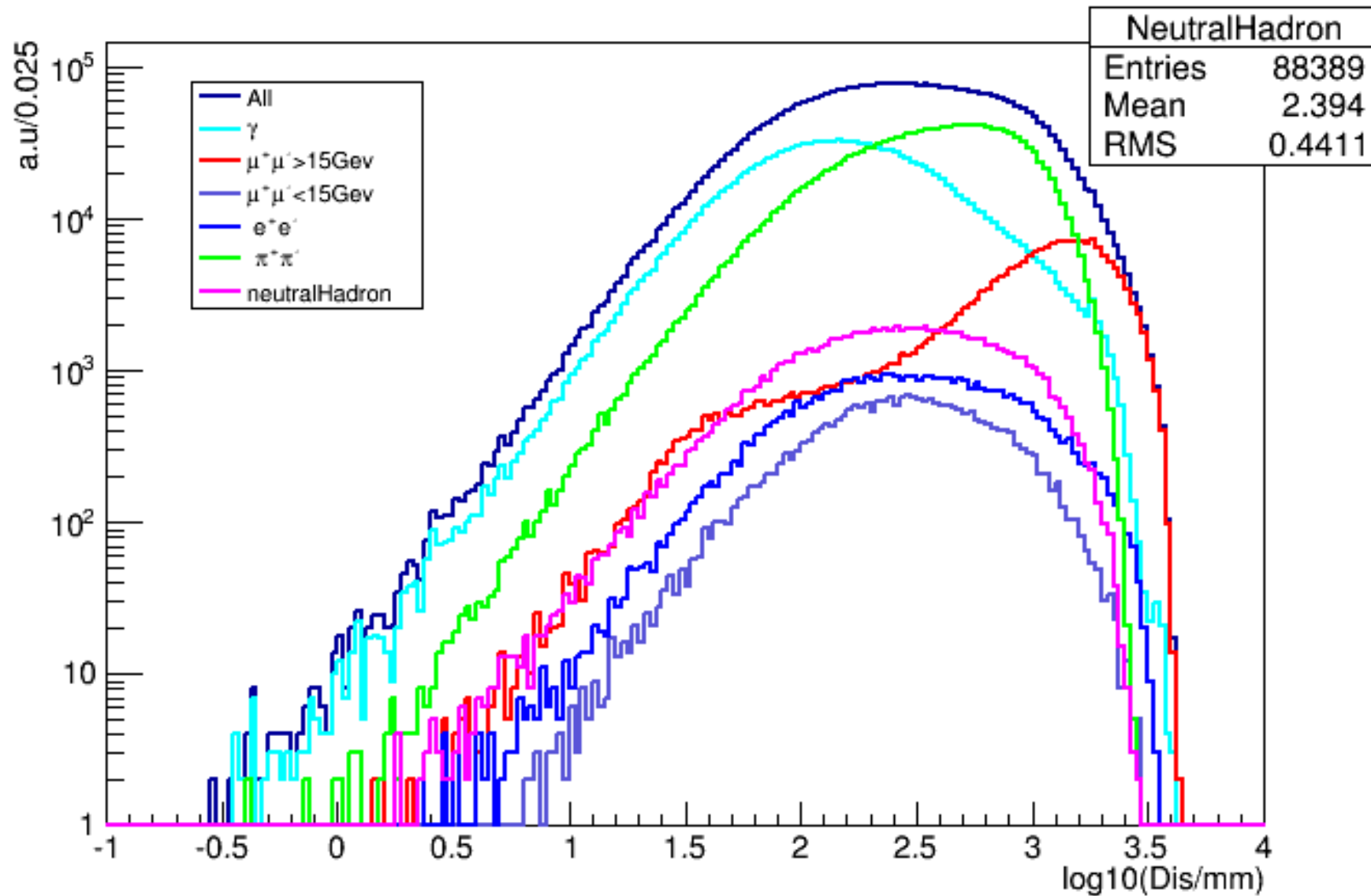
Radius = 1808, Bfield = 3

Dis Distribution for mumu events at 250 GeV



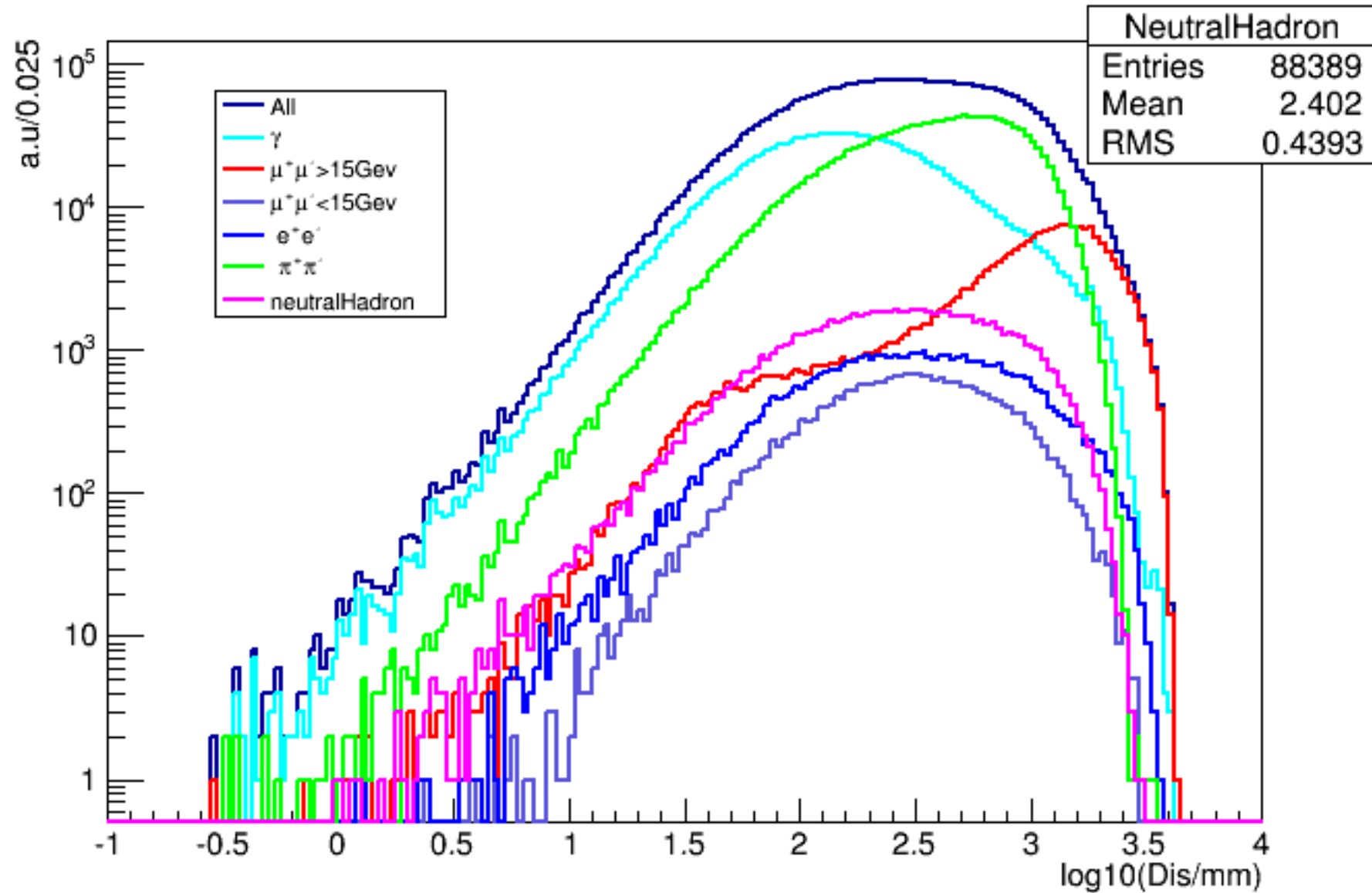
Radius = 1808, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV



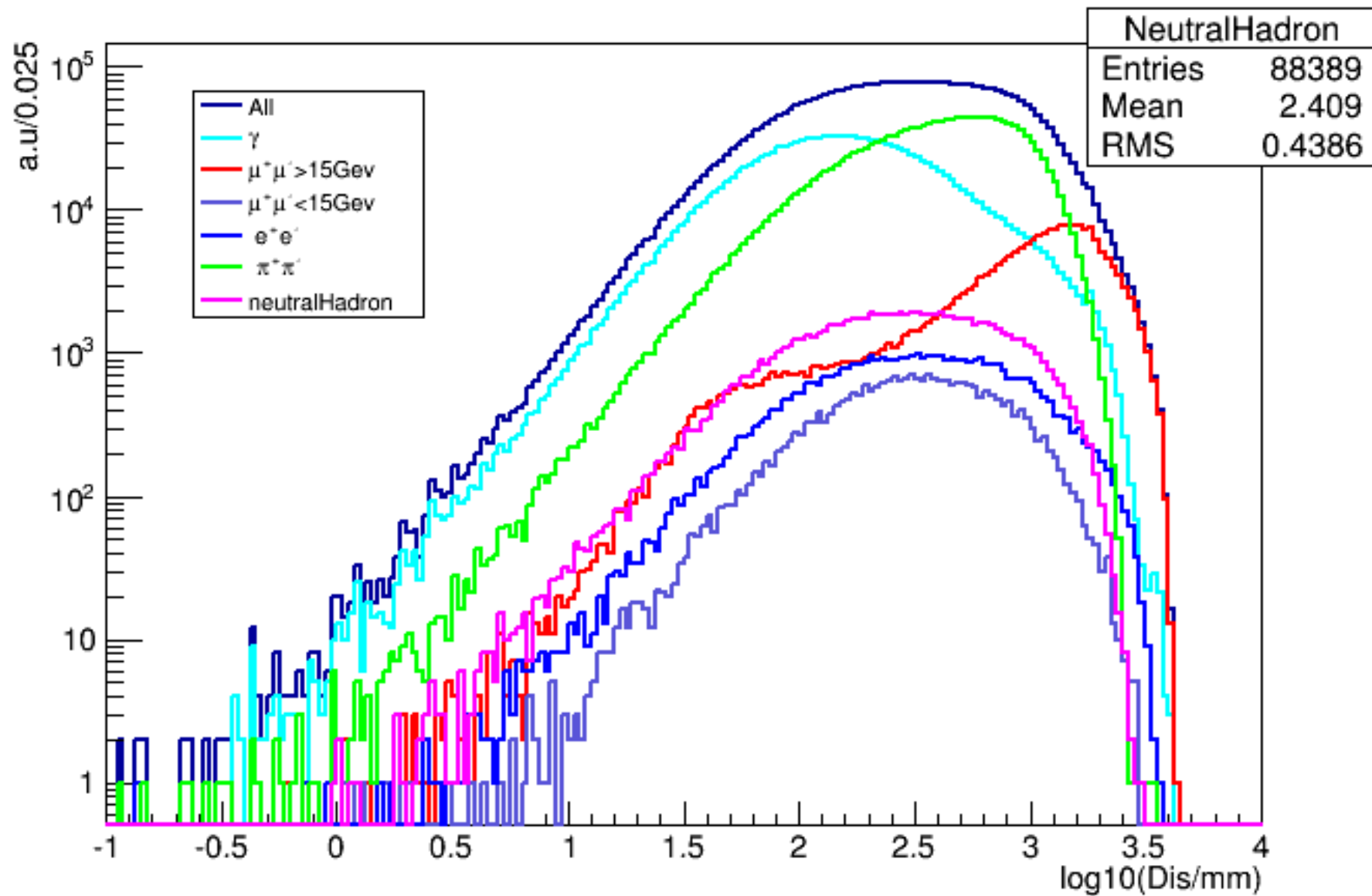
Radius = 1808, Bfield = 4

Dis Distribution for mumu events at 250 GeV



Radius = 1808, Bfield = 4.5

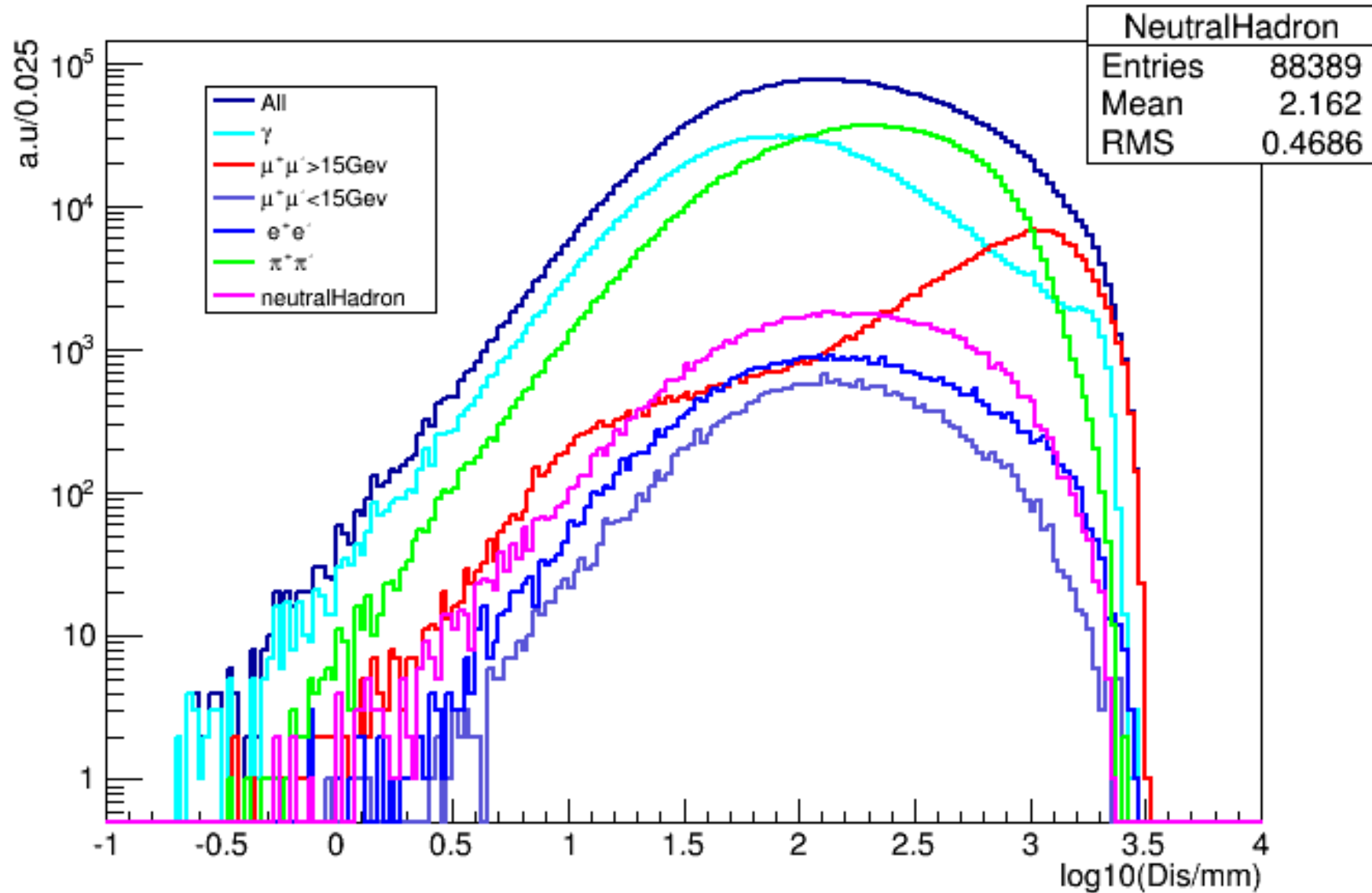
Dis Distribution for mumu events at 250 GeV



Only change Radius, Bfield is a constant(3.5T)

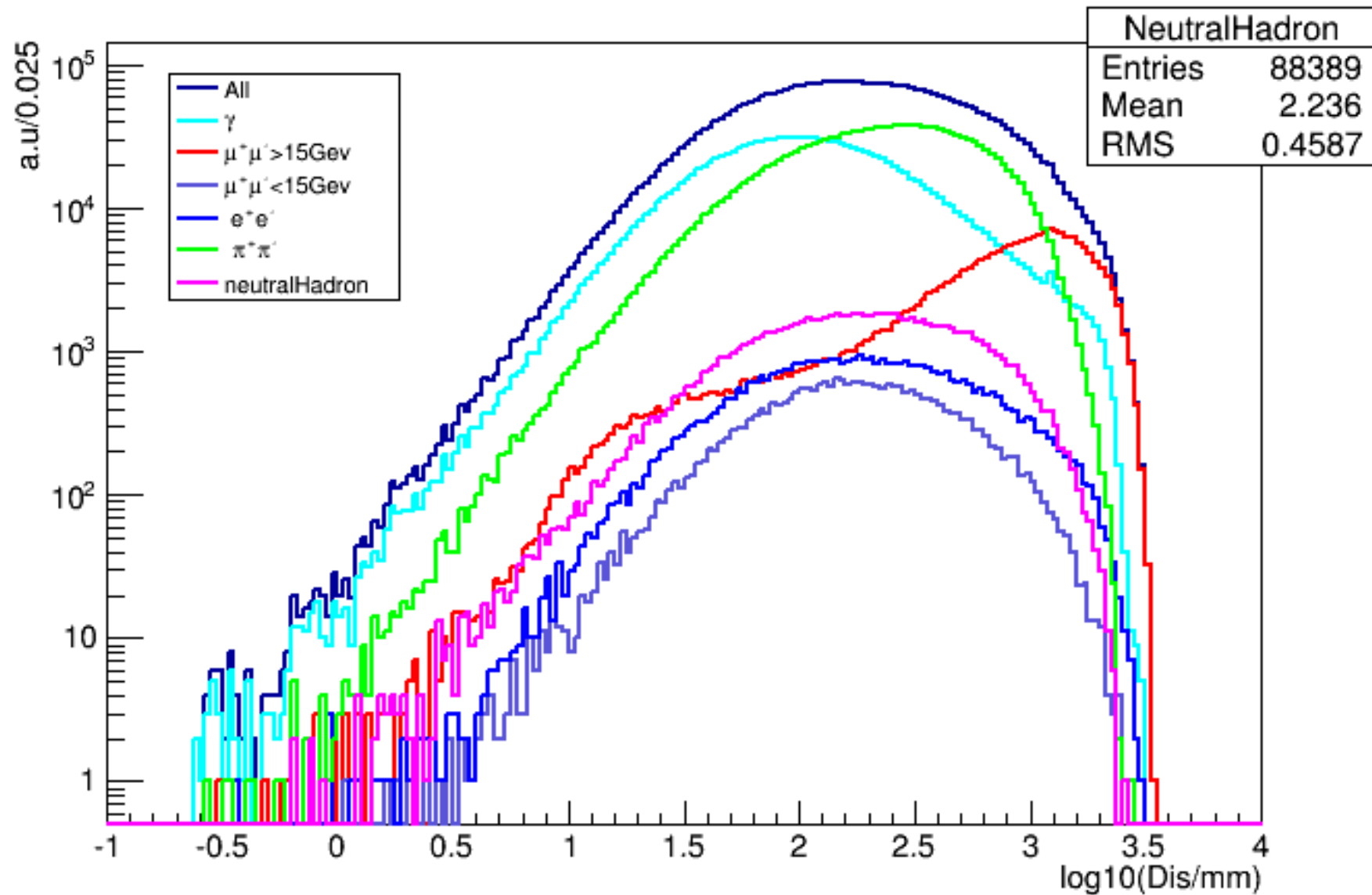
Radius = 1000, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV



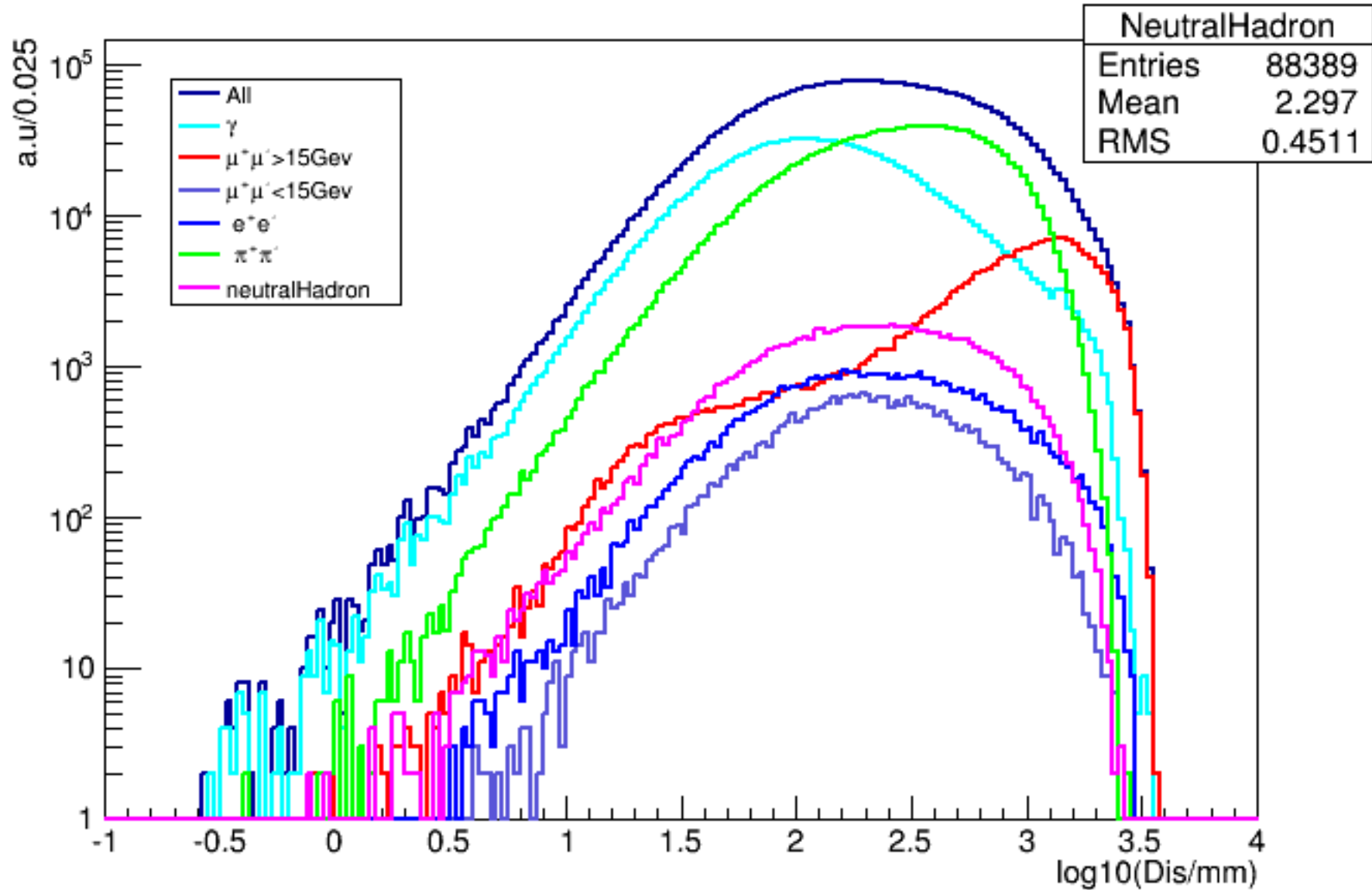
Radius = 1200, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV



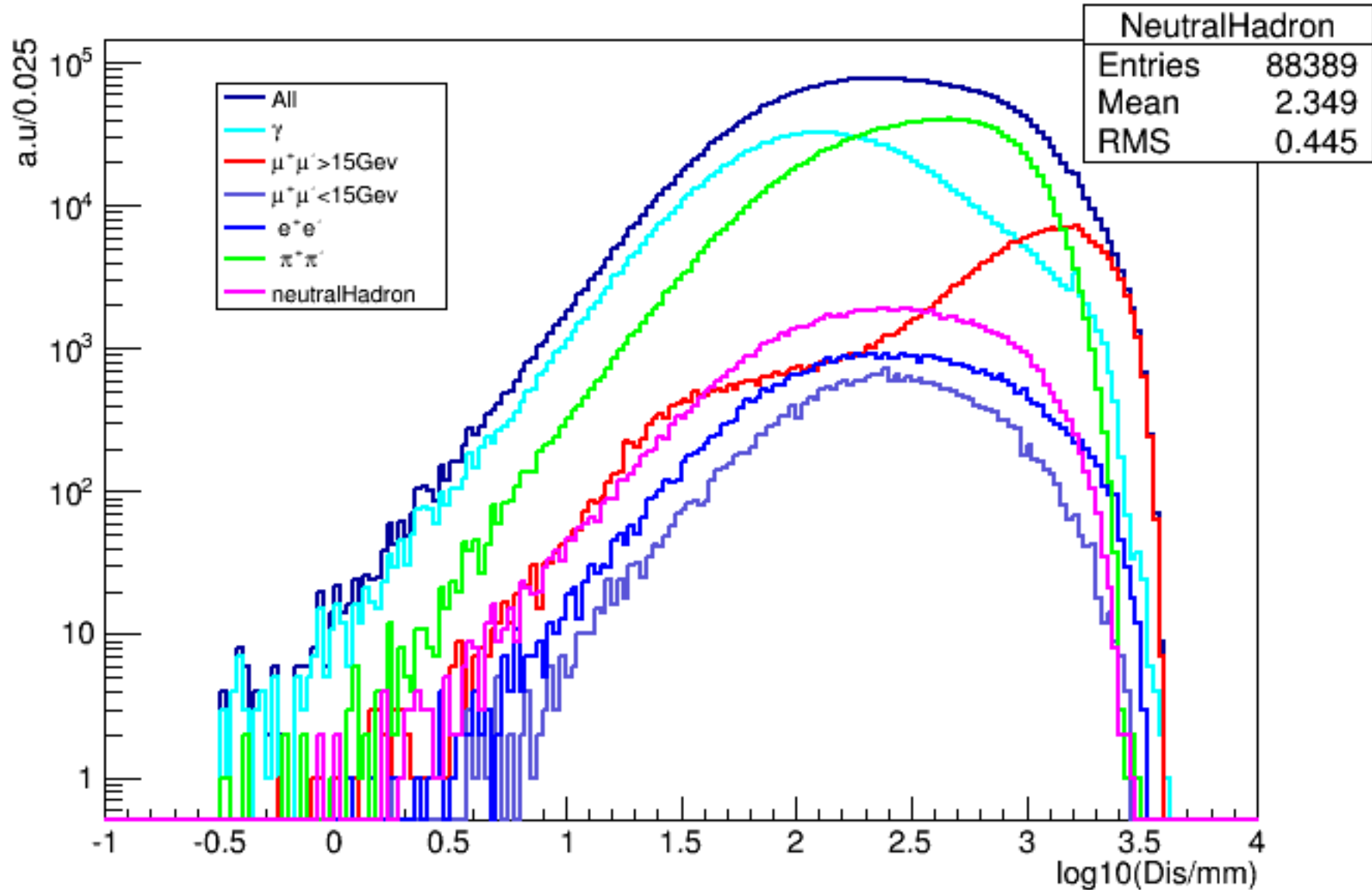
Radius = 1400, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV



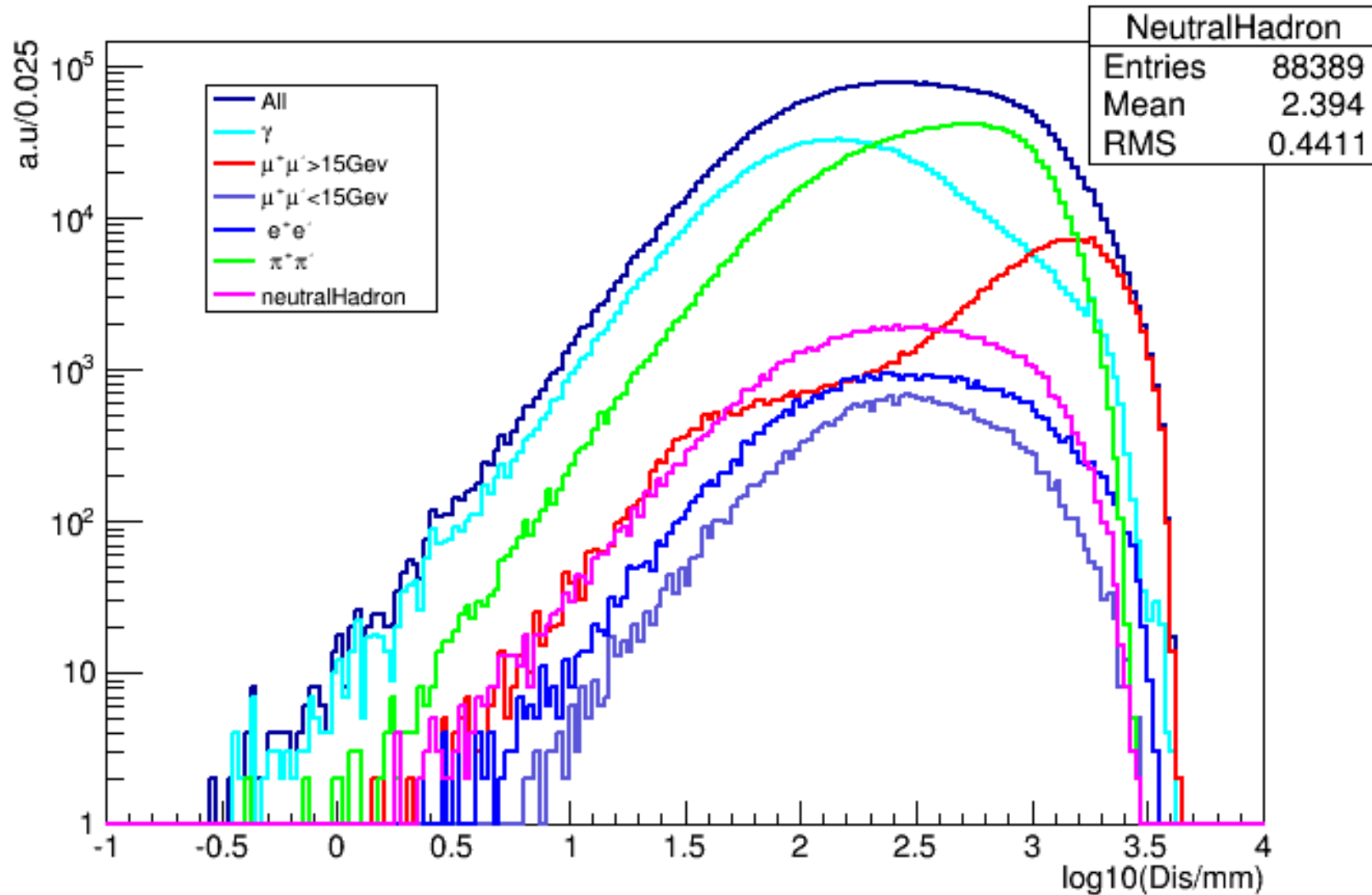
Radius = 1600, Bfield = 2

Dis Distribution for mumu events at 250 GeV



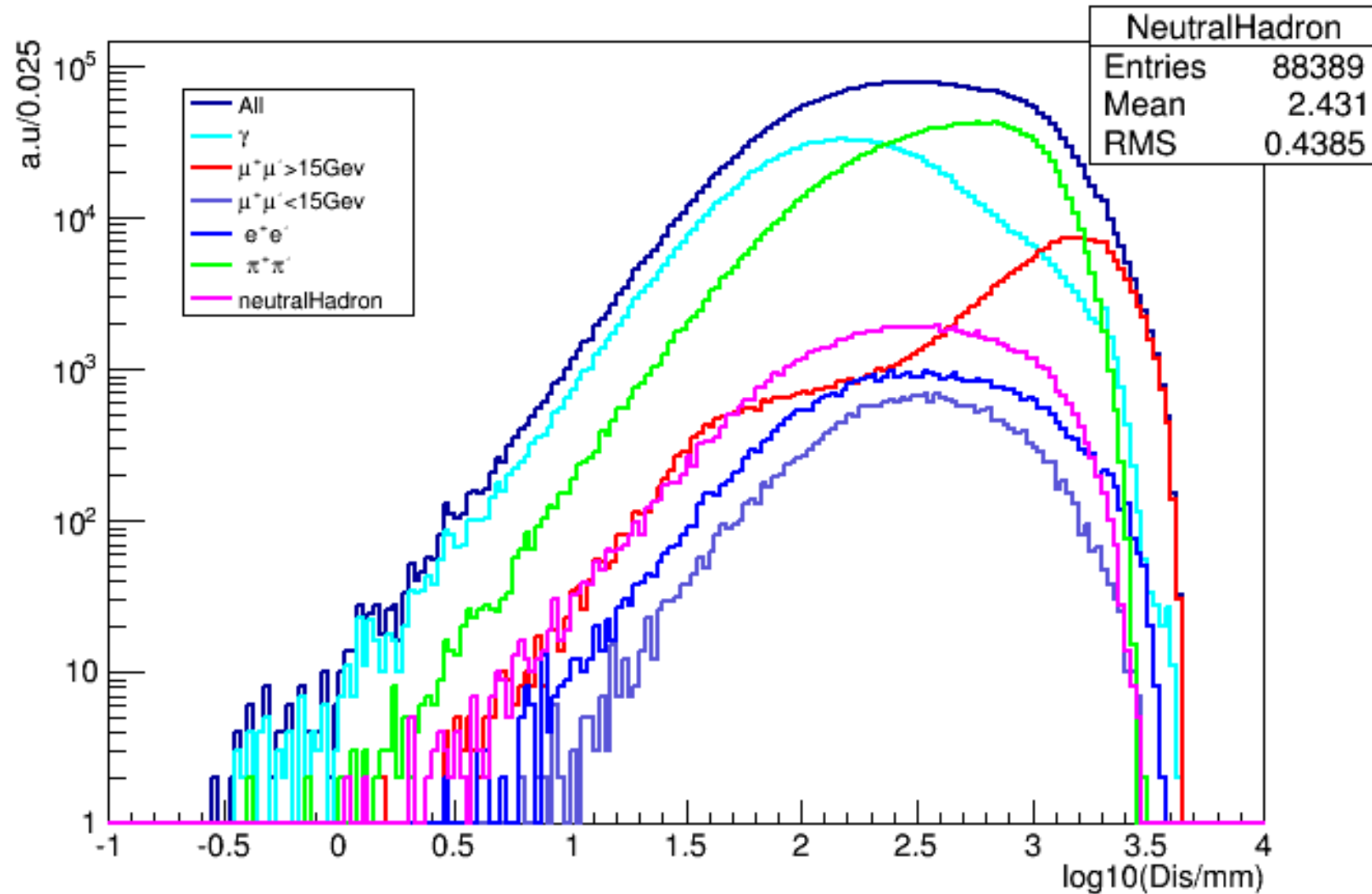
Radius = 1808, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV

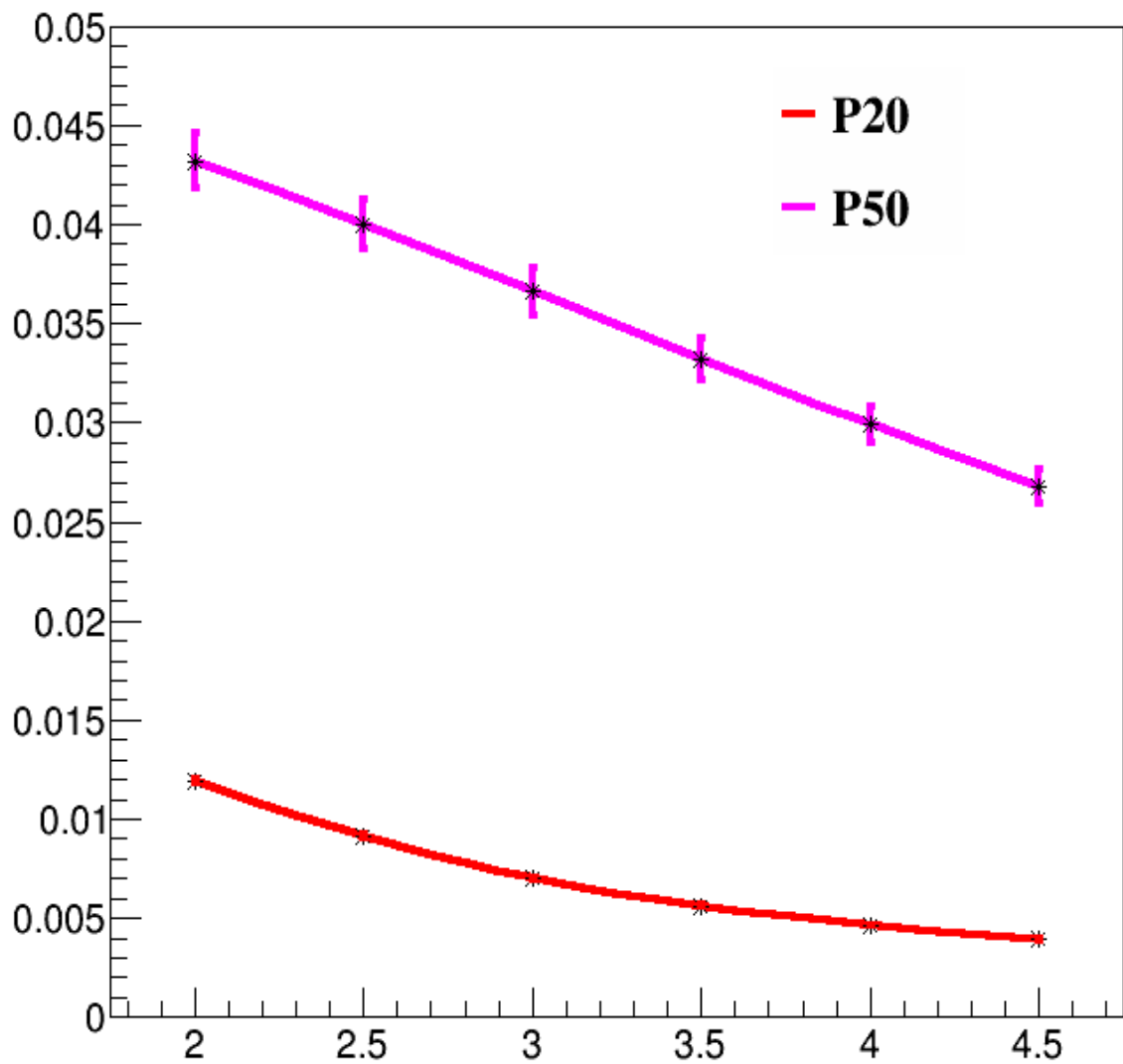


Radius = 2000, Bfield = 3.5

Dis Distribution for mumu events at 250 GeV

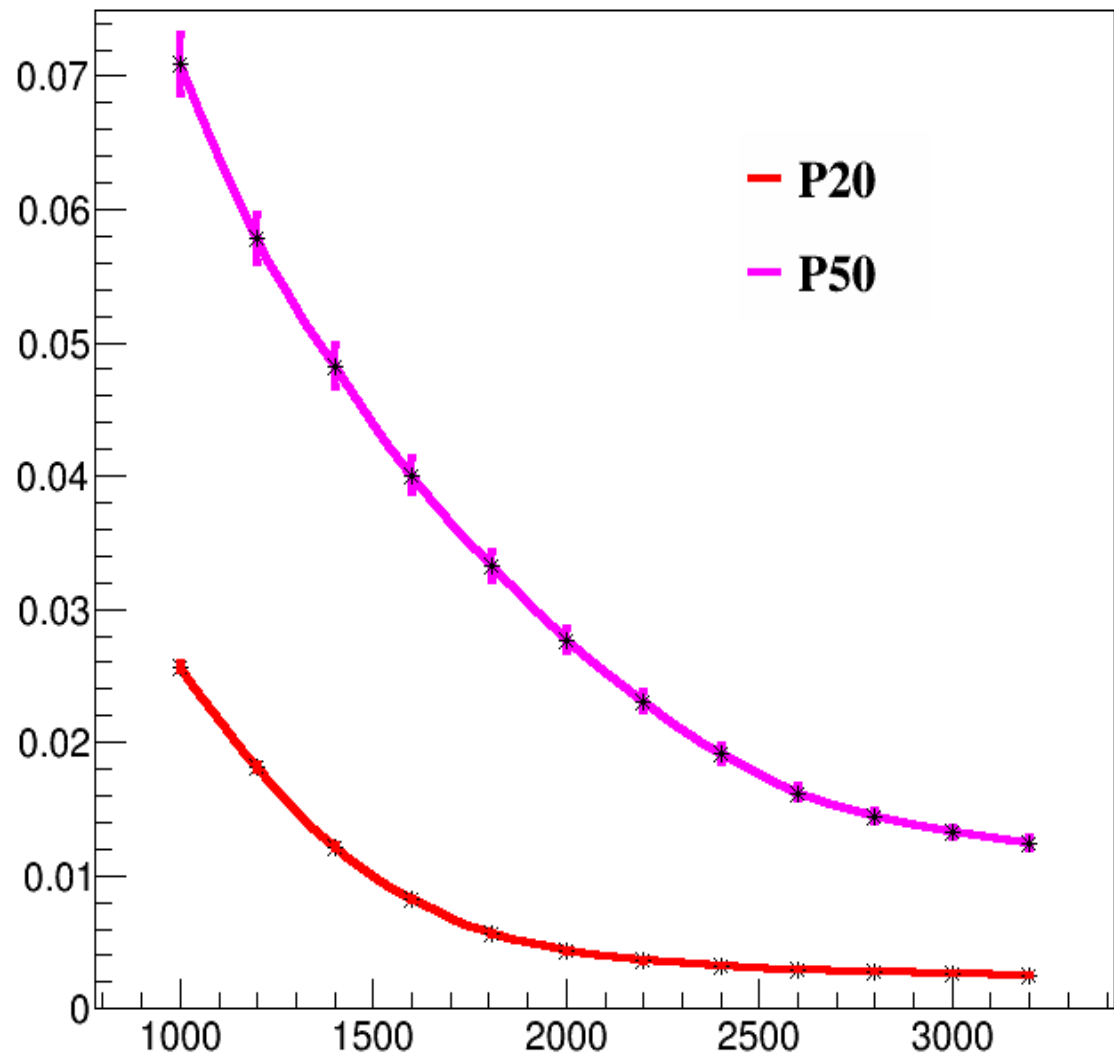


Sum



Change Bfield
(Radius=1808)

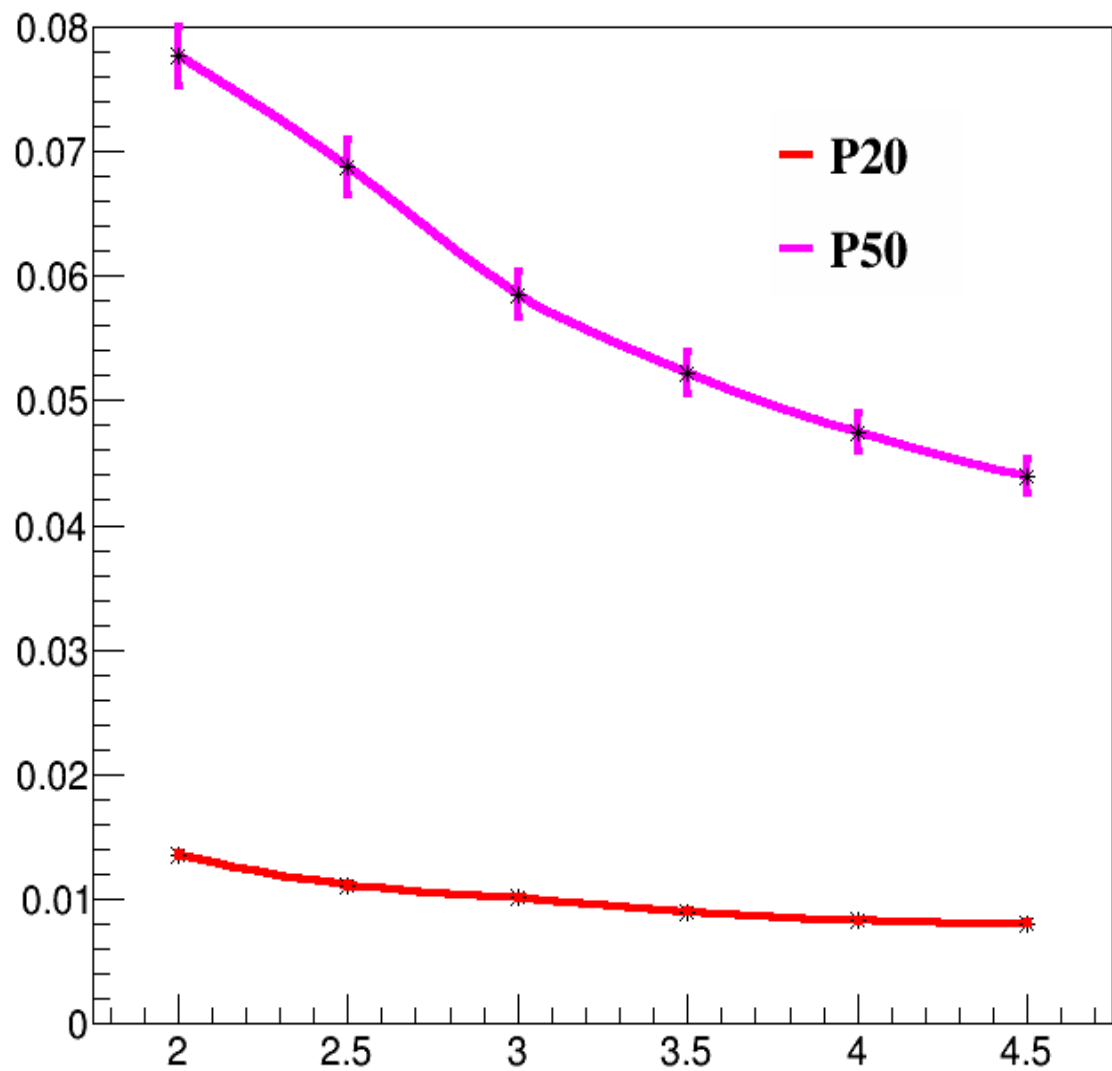
Sum



Change Radius
(Bfield=3.5)

Muon

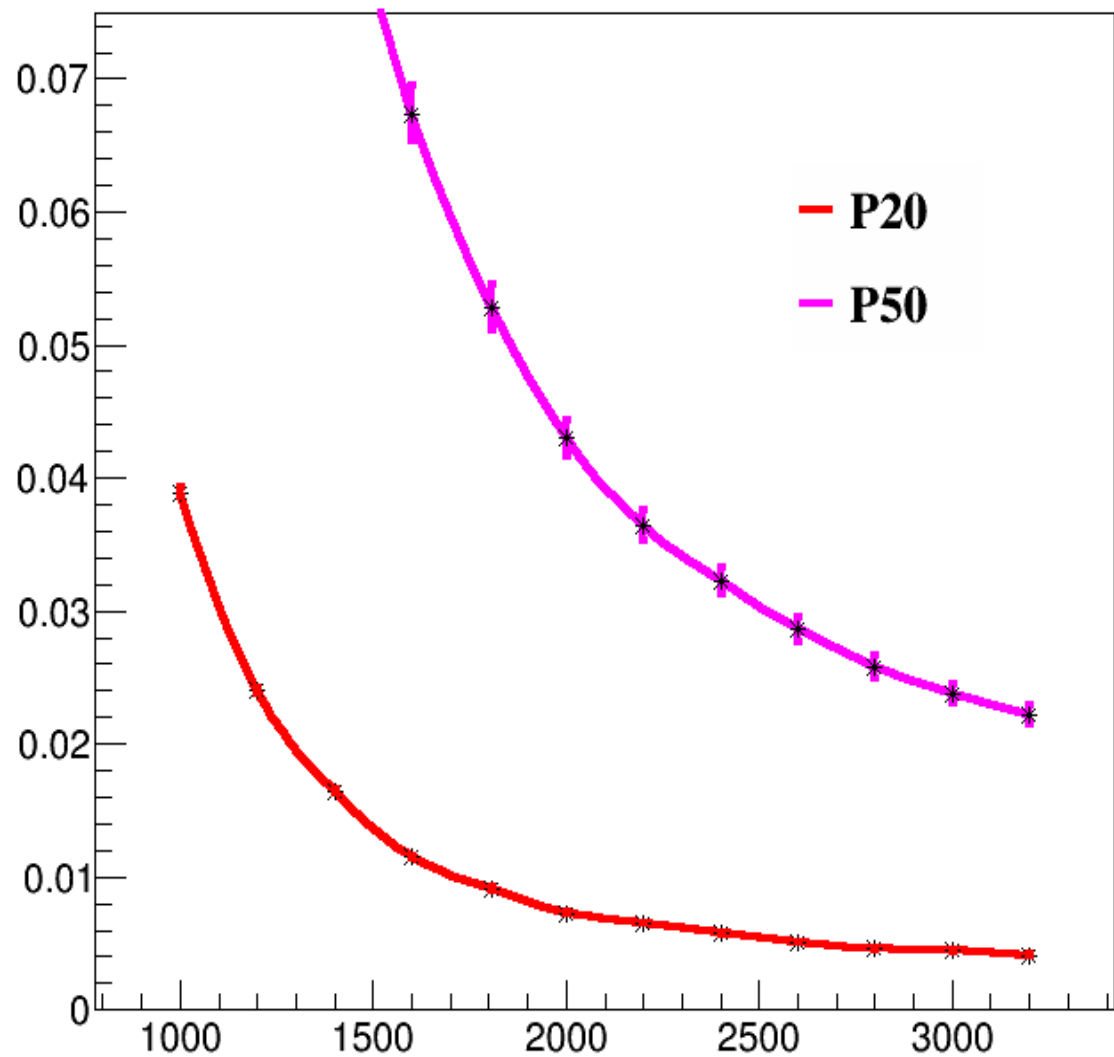
Sum



Change Bfield
(Radius=1808)

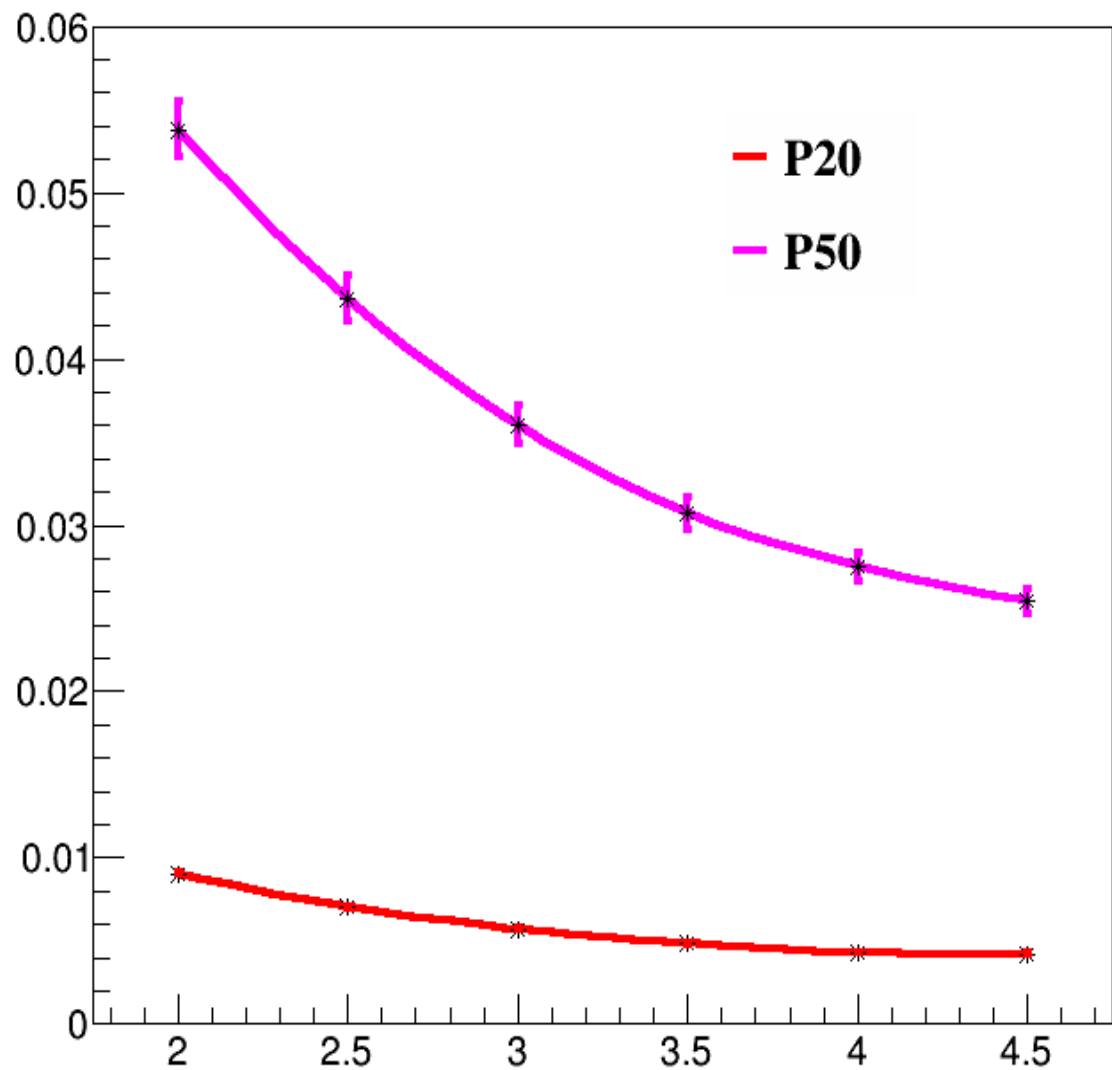
Electron

Sum



Change Radius
(Bfield=3.5)

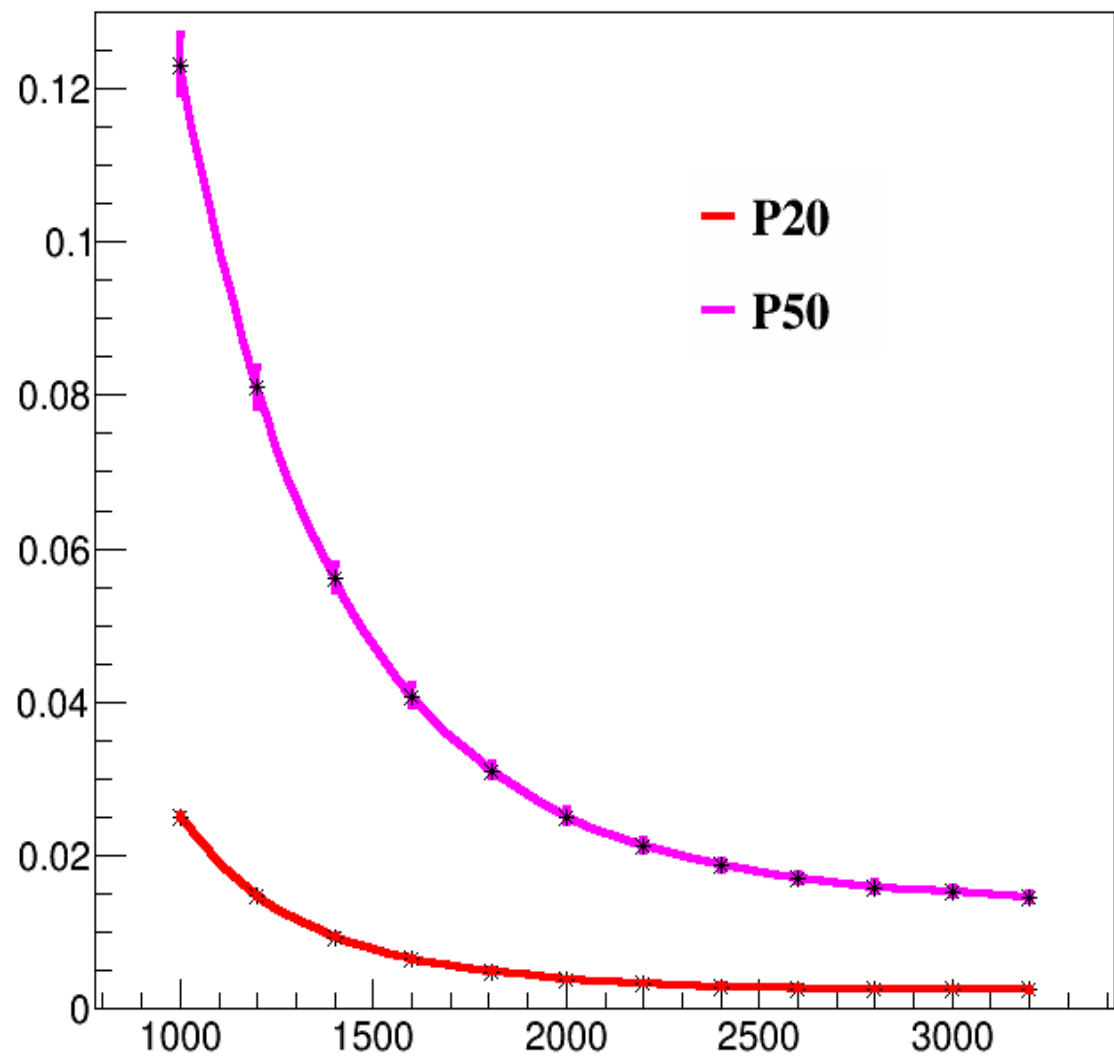
Sum



Change Bfield
(Radius=1808)

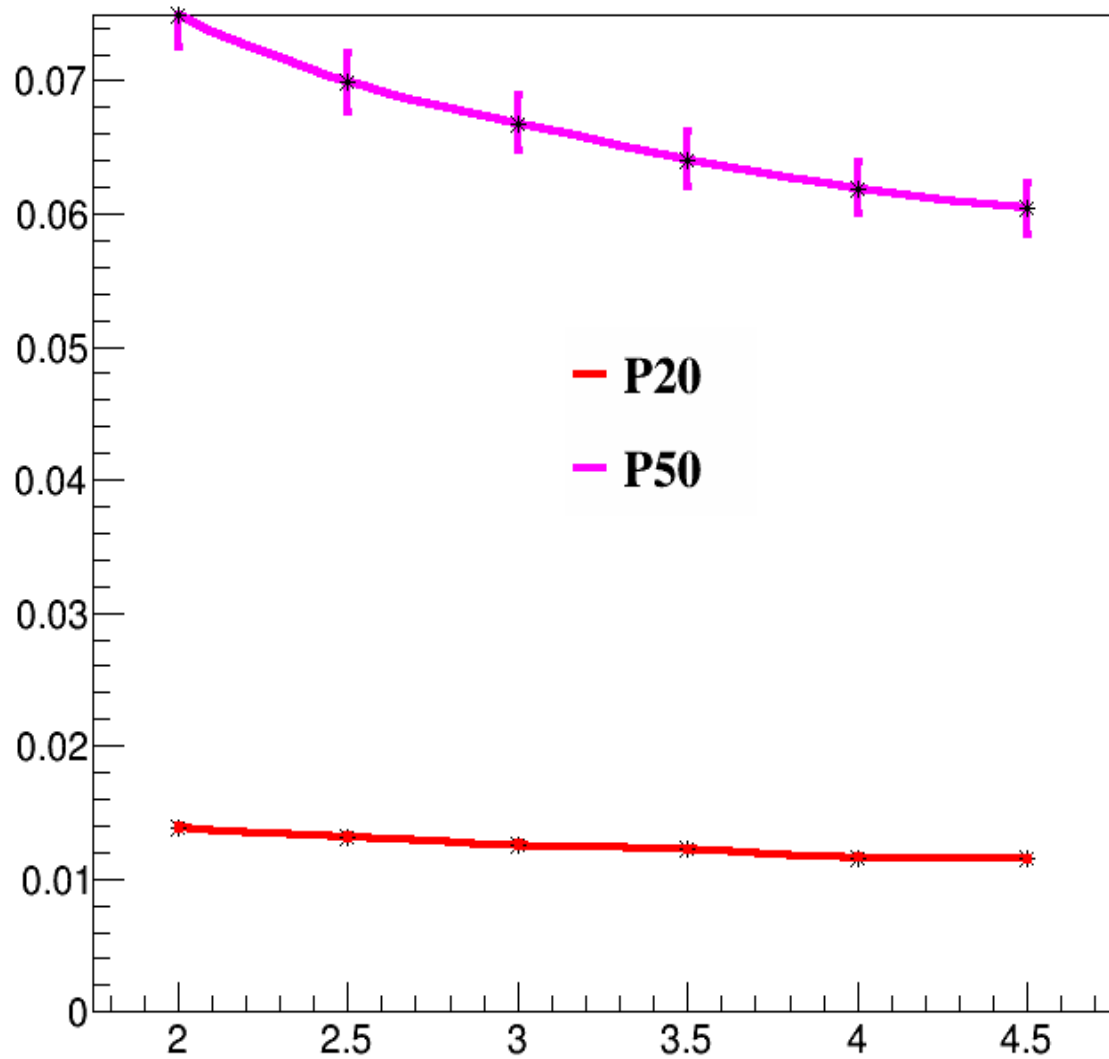
Pion

Sum



Change Radius
(Bfield=3.5)

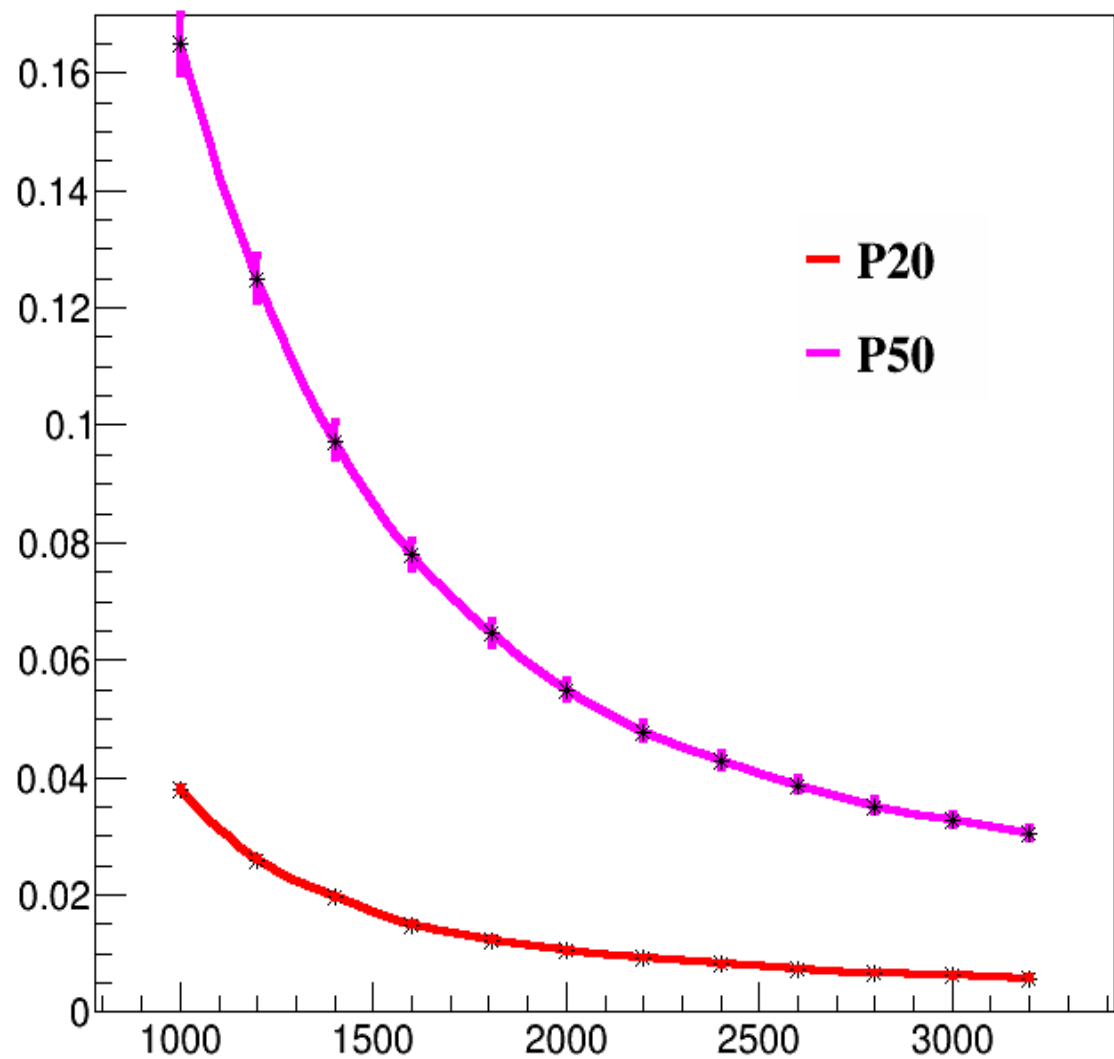
Sum



Change Bfield
(Radius=1808)

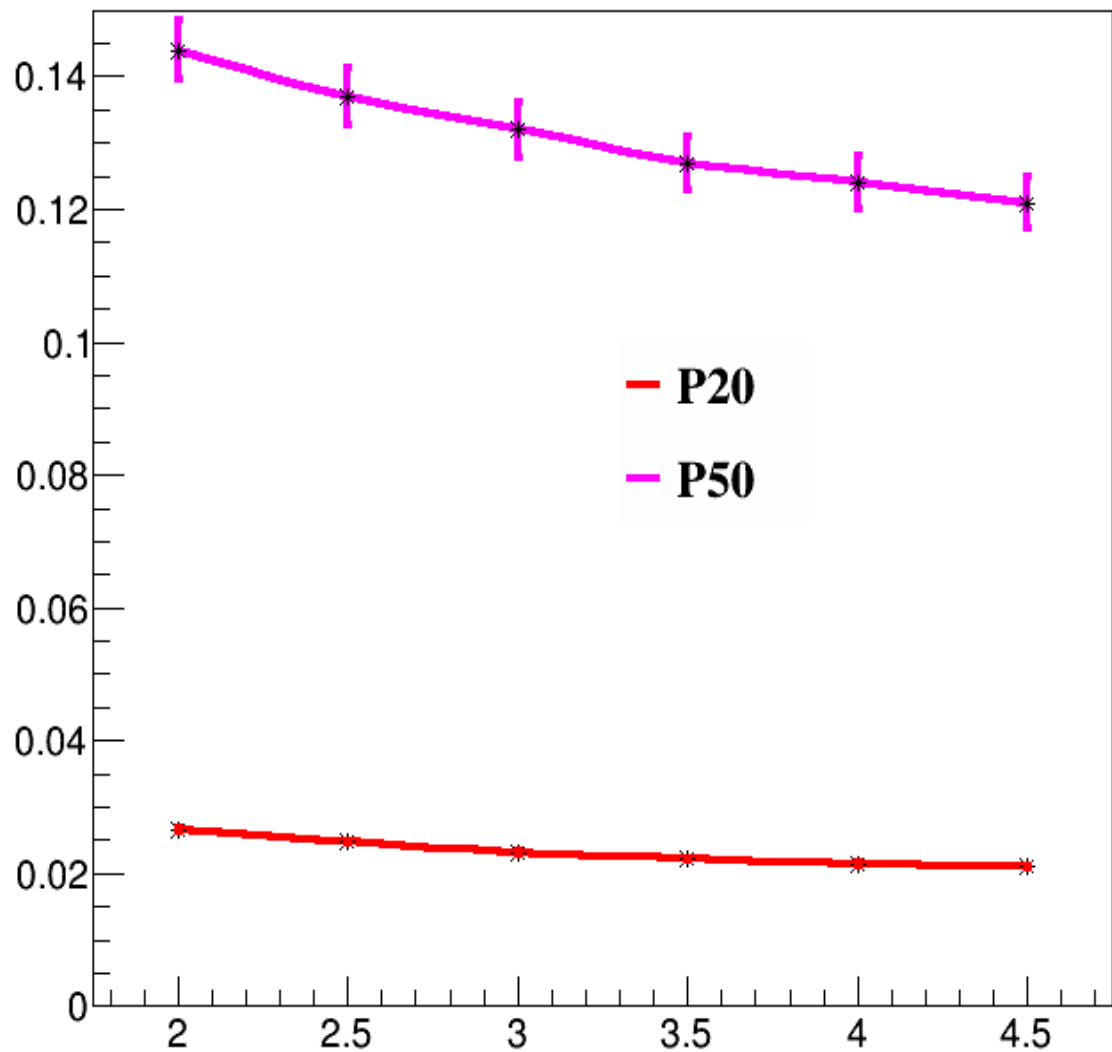
NeutralHadron

Sum



Change Radius
(Bfield=3.5)

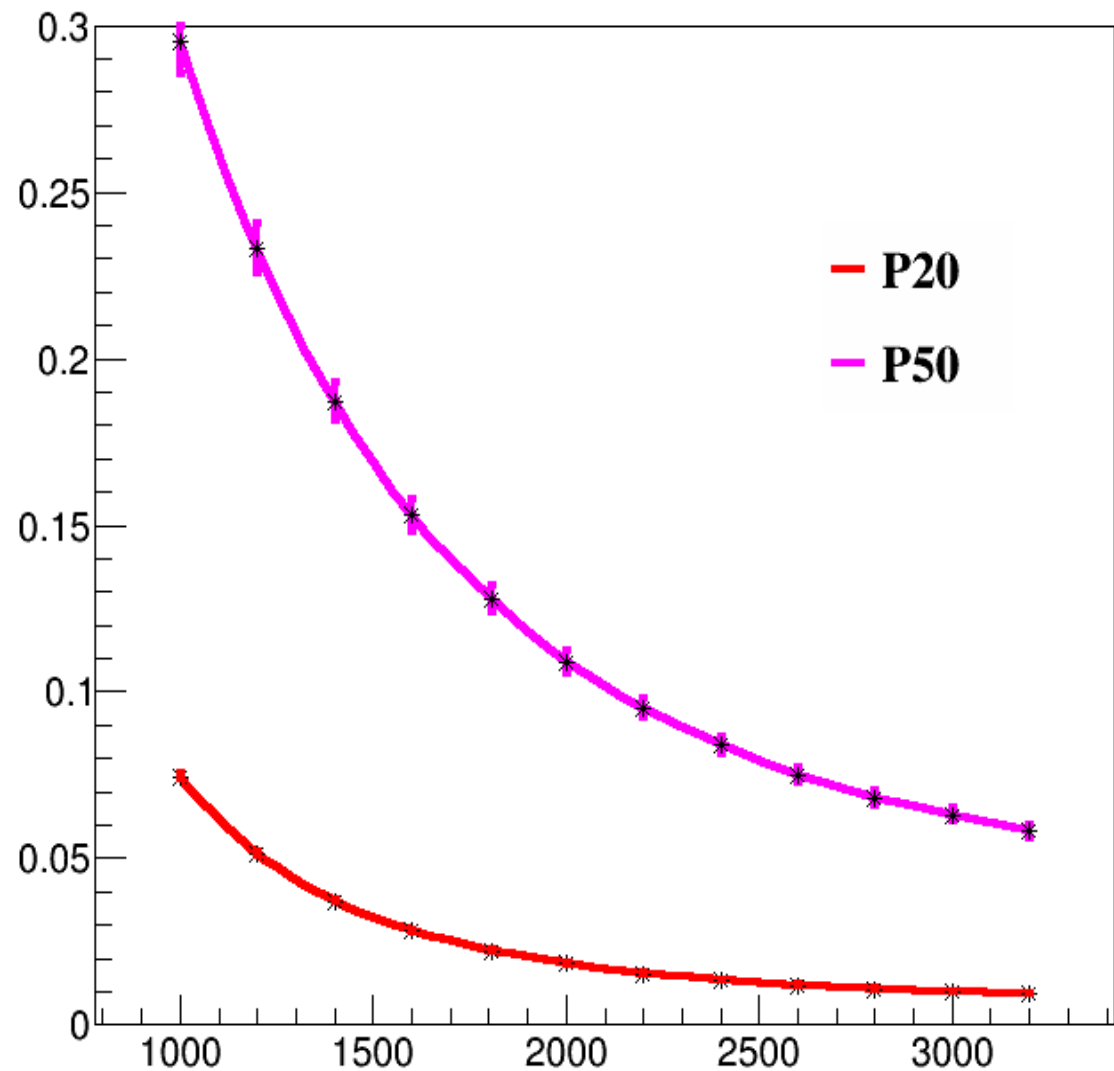
Sum



Change Bfield
(Radius=1808)

Photon

Sum



Change Radius
(Bfield=3.5)

Back up

