

Mumu Channel Update

Connor Waits 9-6-22

Tight Selection:

- (Max) Muon momentum: 4500 GeV
 - Muon eta: 2.25
 - (Min) Jet momentum: 500 GeV
 - Jet eta: 1.5
- Limits: [-0.00218, 0.00109]

Muon eta cut removed:
Limits: [-0.00211, 0.000981]

Muon P cut removed and Jet P cut set to 100 GeV: re-running

Jet eta cut removed:
Limits: [-0.00250, 0.000137]

Jet P cut removed:
Limits: [-0.00211, 0.000981]

(Limits are different from muon eta cut removed past the 5th sig fig)

Jet P cut -> Jet PT cut set to 100 GeV :
Limits: [-0.00218, 0.00109]