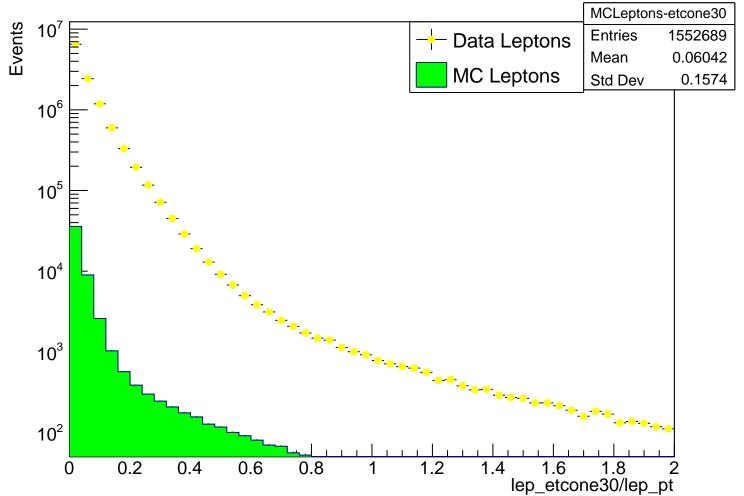
Leptons pT MCLeptons-pt Events 10⁷ **Entries** 1552689 Data Leptons pT 55.11 Mean MC Leptons pT Std Dev 35.73 10⁶ 10⁵ 10⁴ 10³ 10² 10 1 0 100 200 300 400 500 700 800 900 1000 600 pT(GeV)

Track Isolation MCLeptons-ptcone30 Events **Entries** 1552689 **Data Leptons** 10⁷ 0.04846 Mean MC Leptons Std Dev 0.1985 10⁶ 10⁵ 10⁴ 10³ 1.6 1.8 2 lep_ptcone30/lep_pt 0.2 1.2 0 0.4 0.6 8.0 1.4

Caolirimeter Isolation

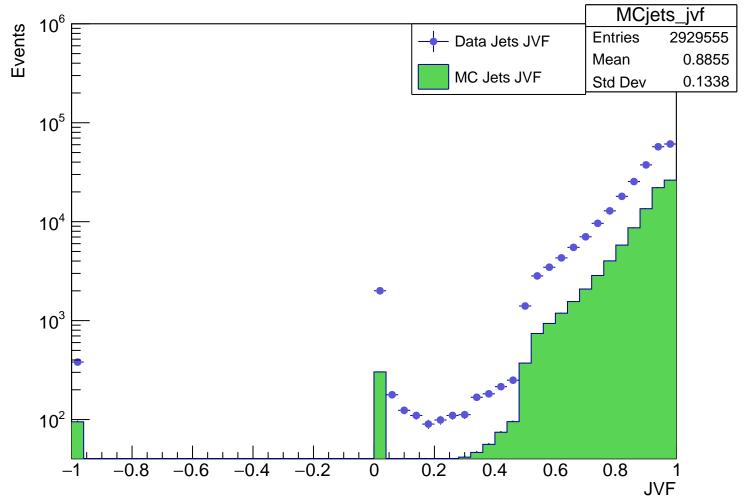


Leptons eta MCLeptons-eta 10⁷ Events **Entries** 1552689 Data Leptons eta Mean 0.003121 MC Leptons eta Std Dev 1.122 10⁶ 10⁵ 10⁴ 10³ -2 2 0 eta

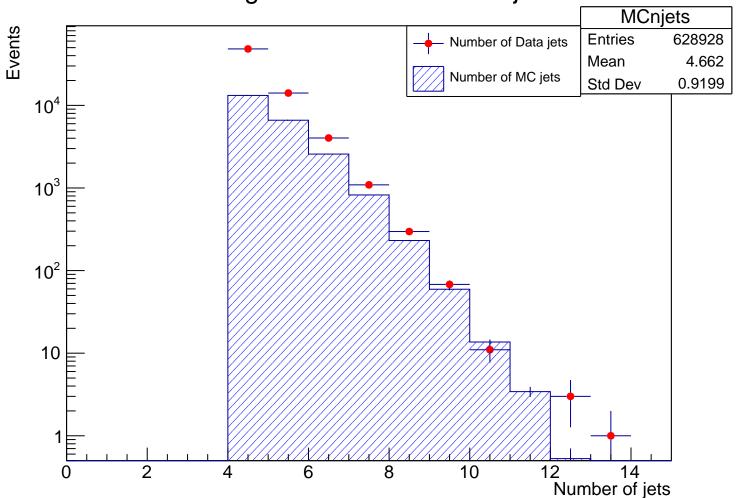
Jets pT MCjets_pt Events **Entries** → Data Jets pT 2929555 10⁵ 70.59 Mean MC Jets pT Std Dev 50.87 10⁴ 10³ 10² 10 1 900 100 pT(GeV) 200 300 700 800 1000 100 400 500 600

Jets eta MCjets_eta Events **Entries** 2929555 Data Jets eta 0.003189 Mean MC Jets eta Std Dev 1.157 10⁴ 2 0 eta

Jets JVF

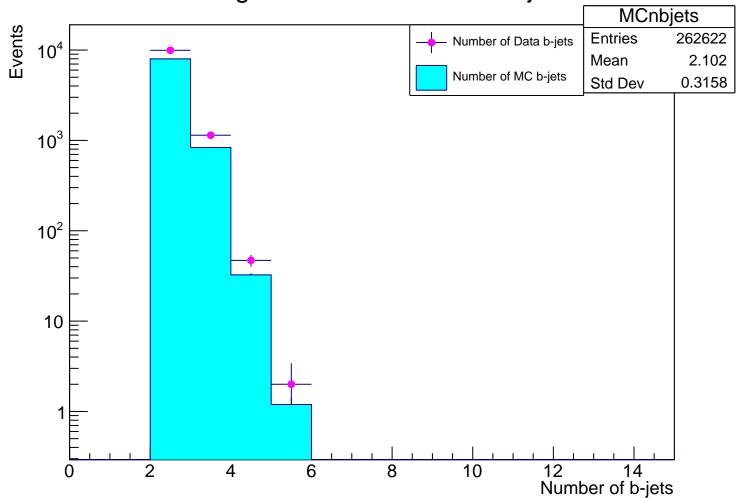


Histogram of the number of jets

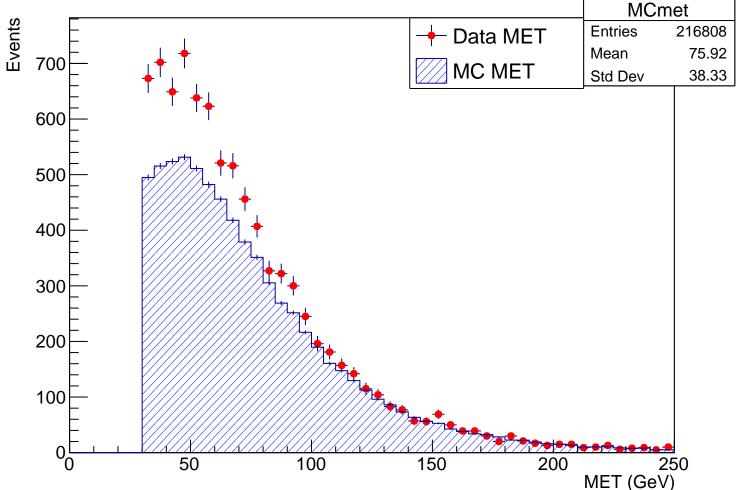


Jets MV1 MCjets_mv1 Events **Entries** 2929555 Data Jets MV1 Mean 0.3532 MC Jets MV1 Std Dev 0.4052 10⁵ 10⁴ 10³ 0.1 0.2 0.3 0.5 0.6 0 0.7 8.0 0.9 0.4 MV1

Histogram of the number of b-jets



Missing Transverse Energy MET



Transverse mass of W boson

