

2016 CMS Open Data DoubleMuon

Background-Only p -Value

1σ

2σ

HLT_TrkMu15_DoubleTrkMu5NoFiltersNoVt

Same Sign Muons

Bin width = 1.5%

Fit Type: Quintic

Muon Iso_04 ≥ 0.55

8.7 fb^{-1} , $\sqrt{s} = 13 \text{ TeV}$

Random Cut

Dimuon p_T

Softer Mu IP3D

Harder Mu IP3D

CATHODE

ℓ -Reweighting

False Positive Rate

