

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

16.4fb^{-1} , $\sqrt{s} = 13\text{ TeV}$

- Dimuon p_T
- Softer Mu IP3D
- Harder Mu IP3D
- CATHODE
- Random Cut

10^{-3}

10^{-3}

10^{-2}

10^{-1}

10^0

False Positive Rate

