

CMS *Preliminary*

35.9 fb⁻¹ (13 TeV)



nonprompt DF



nonprompt SF



TTX



Xgamma



multiboson



WJets



ttbar



DY

10

1

10⁻¹

obs/pred
1.5
1.2
1.0
0.8
0.6
0.4
0.2
0.1

0.5
0.4
0.3
0.2
0.1

cos(SV pos, l2+l3 dir)