

**CMS** *Preliminary*

35.9 fb<sup>-1</sup> (13 TeV)



nonprompt DF



nonprompt SF



TTX



Xgamma



multiboson



WJets



ttbar



DY

obs/pred  
1.0  
0.5  
0.2  
0.1

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

relative Iso<sub>03</sub> ( I<sub>3</sub> )