CMS Preliminary 2012, 7TeV 10<sup>2</sup> L dt =  $5.0 \text{ fb}^{-1}$ Data W + Jets tξ  $Z \rightarrow \nu \overline{\nu}$ DY + Jets WW/ZZ/WZ QCD Single Top Combined SM 10 1400 1600 M<sub>eff</sub> (GeV) 800 1000 1200 200 0 400 600 1.5 0.5 1600 200 400 600 800 1000 1200 1400

Events / 40 GeV

Data/MC