

Number of Events

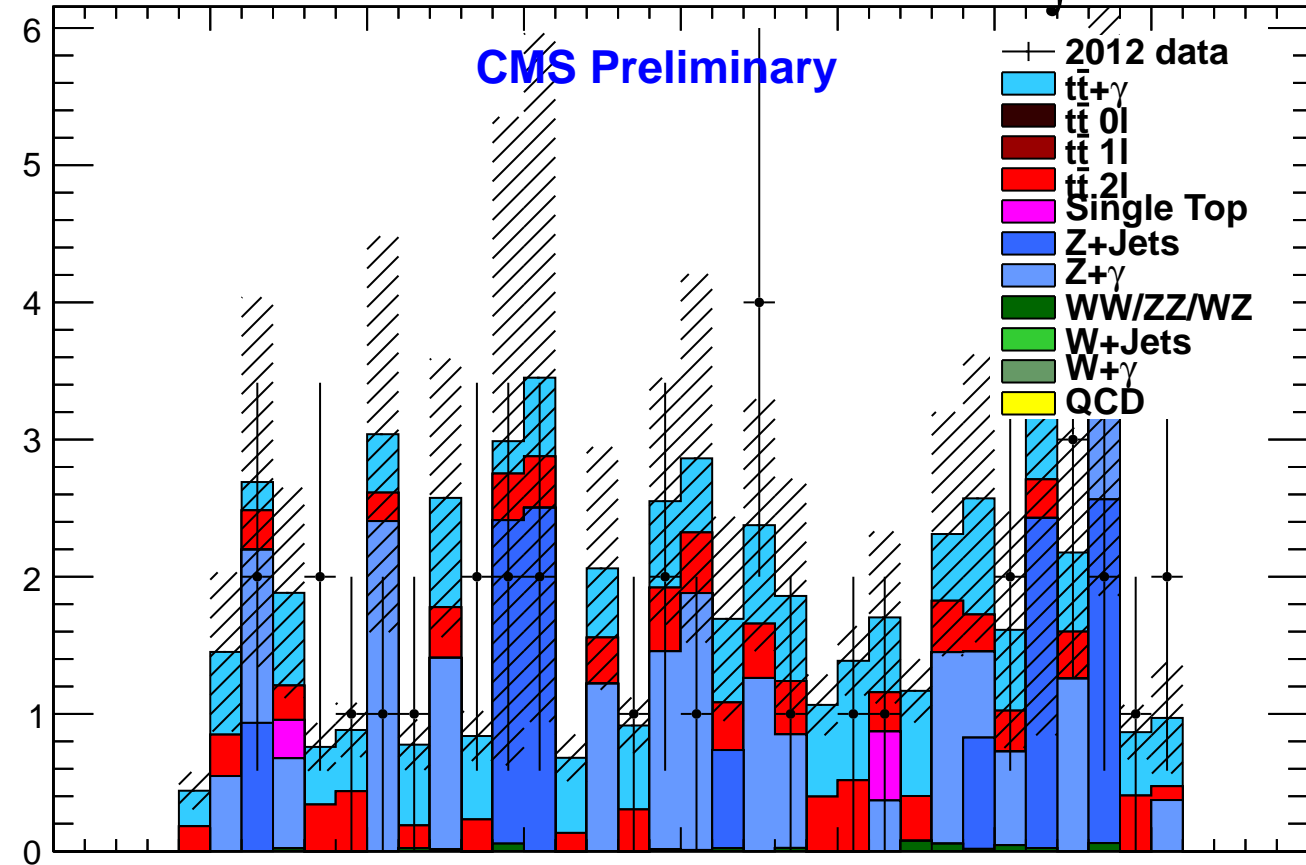
$e^+e^-, \geq 2 \text{ jets}, \geq 1 \text{ btag} \geq 1 \gamma$

$\sqrt{s} = 8 \text{ TeV},$

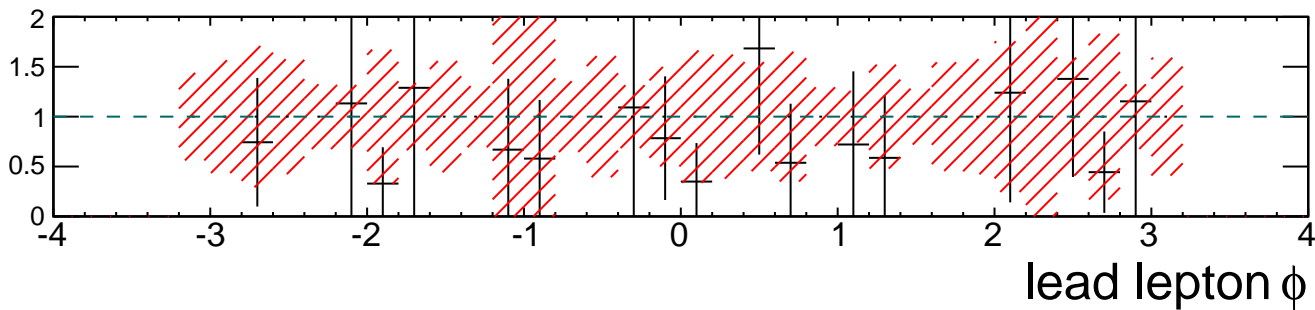
$\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$

CMS Preliminary

+ 2012 data
 $t\bar{t} + \gamma$
 $t\bar{t} 0l$
 $t\bar{t} 1l$
 $t\bar{t} 2l$
 Single Top
 Z+Jets
 $Z + \gamma$
 WW/ZZ/WZ
 W+Jets
 $W + \gamma$
 QCD



data/MC



lead lepton ϕ