

**CMS**PbPb,  $1.58 \text{ nb}^{-1}$  ( $\sqrt{s_{\text{NN}}} = 5.36 \text{ TeV}$ )

Events

25  
20  
15  
10  
5  
0 $e^{\pm}\mu^{\mp}$ 

Centrality: 0-10%

● Data

■  $Z/\gamma^*(\rightarrow \ell\ell)+\text{jets}$ 

■ Single top quark

■ WW

■ Nonprompt (data)

■  $t\bar{t}$ *0 b jets**1 b jet* *$\geq 2$  b jets* $<1/5$   $1/5-2/5$   $2/5-3/5$   $3/5-4/5$   $>4/5$   $<1/5$   $1/5-2/5$   $2/5-3/5$   $3/5-4/5$   $>4/5$   $<1/5$   $1/5-2/5$   $2/5-3/5$   $3/5-4/5$   $>4/5$ 

Discriminator output

