

$Z^0 \rightarrow \mu^+\mu^-$  $0.89 \text{ fb}^{-1} \text{ (8TeV)}$ **CMS preliminary***CMS Open Data*

Events / 5 GeV

 $10^4$  $10^3$  $10^2$ 

10

—●— Data

■ DYJetsToLL

2

1.5

1

0.5

0

Data/Bkg =  $1.039 \pm 0.005$  $\chi^2/\text{ndf} = 5.34$ Tagged Muon  $p_T$  [GeV/ $c^2$ ]

0

50

100

150

200

250

300

350

400