

$\times 10^3$  CMS Open Data

11.5 fb<sup>-1</sup> (2012, 8 TeV)

$N_{\text{Events}}$

2200

2000

1800

1600

1400

1200

1000

800

600

400

200

0

1

2

3

4

5

6

7

8

Z $\rightarrow$ ll

W+jets

t $\bar{t}$

lwe $\rightarrow$ Ze (x10000)

Data

NF delta R separation between Jet Candidates

