

Events/bin

CMS Preliminary 2012

$\sqrt{s}=8$ TeV, $\int \mathcal{L} dt = 3553 \text{ pb}^{-1}$

— $m_H = 140$ GeV

● Data

WW

WZ/ZZ

Top

Fakes

Drell-Yan

80

70

60

50

40

30

20

10

0

0

0.2

0.4

0.6

0.8

1

Matrix Element LR

