

Events

**CMS***Simulation*

VV

 $t\bar{t}$ 

QCD multijet

 $\Delta m^\pm$  0.95 GeV $\Delta m^\pm$  2.25 GeV

DY+jets

Z+jets $\rightarrow$ vvW+jets $\rightarrow$ lv $\Delta m^\pm$  1.75 GeV

25

20

15

10

5

0

0

0.5

1

1.5

2

2.5

3

3.5

 $\Delta\phi(H_T^{\text{Miss}}, l_1)$ 