

Events

**CMS**

● Data

▨ Total unc.

⋯ HNL12

■ DB Leptons

— HNL2

■ SB Leptons

- - - HNL6

eee

 $m(\ell\ell)$   
< 4 GeV     $m(\ell\ell)$   
> 4 GeV $e^+e^-\mu$  $m(\ell\ell)$   
< 4 GeV     $m(\ell\ell)$   
> 4 GeV $e^+e^+\mu$  $m(\ell\ell)$   
< 4 GeV     $m(\ell\ell)$   
> 4 GeV10<sup>3</sup>  
10<sup>2</sup>  
10  
1  
10<sup>-1</sup>

Data/Pred.

Stat. unc.

Total unc.

0-0.5

0.5-1.5

1.5-4

&gt;4

0-0.5

&gt;0.5

0-0.5

0.5-1.5

1.5-4

&gt;4

0-0.5

&gt;0.5

0-0.5

0.5-1.5

1.5-4

&gt;4

0-0.5

&gt;0.5

 $\Delta_{2D}$  (cm)