

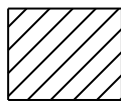
CMS $35.9 \text{ fb}^{-1} (13 \text{ TeV})$

Events / window

 $e\mu\mu + \mu\mu\mu$ 

Data

— Signal



Bkgd. unc.



Nonprompt bkgd.



Prompt/Conv. bkgd.

 $m_A = 45 \text{ GeV}$ $m_{H^+} = 130 \text{ GeV}$ 30
25
20
15
10
5
0

1(15)

43(35)

74(55)

95(75)

Window index ($m_{\mu\mu} \text{ (GeV)}$)