

Events / bin

**CMS**

$100 < m_Y \text{ (GeV)} < 500 \text{ GeV}$

Data

/// Total bkg unc.

□ Prefit

(Data-Bkg)/ $\sigma$

1000

1500

2000

2500

3000

3500

4000

$m_X \text{ (GeV)}$

0.1

0.08

0.06

0.04

0.02

0

2

1

0

-1

-2

1000

1500

2000

2500

3000

3500

4000

1000

1500

2000

2500

3000

3500

4000