

Events

250

200

150

100

50

0

SM Bkg.

Estimated Bkg.

Data

Stat. Unc.

Stat.  $\oplus$  Syst. Unc.

Region A

 $|\Delta\eta_{jj}| > 4$  $M_{SD} < 150$  GeV

Region B

 $|\Delta\eta_{jj}| \leq 4$  $M_{SD} < 150$  GeV

Region C

 $|\Delta\eta_{jj}| > 4$  $M_{SD} \geq 150$  GeV

Region D

 $|\Delta\eta_{jj}| \leq 4$  $M_{SD} \geq 150$  GeV