

137 fb⁻¹ (13 TeV)

CMS

in Progress simulation

0.07
0.06
0.05
0.04
0.03
0.02
0.01
0

50
45
40
35
30
25
20
15
10
5
0

0 1000 2000 3000 4000 5000

A 3D histogram plot showing a distribution. The vertical axis (y-axis) represents frequency or probability, with tick marks at 0, 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, and 0.07. The horizontal axis (x-axis) ranges from 0 to 5000, with major tick marks at 0, 1000, 2000, 3000, 4000, and 5000. The depth axis (z-axis) ranges from 0 to 50, with major tick marks at 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, and 50. The histogram consists of many rectangular bars. The distribution is skewed to the right, with a prominent peak around x=3500 where the height reaches approximately 0.07. The bars are outlined in black and set against a background with dotted grid lines.

x-axis range	approximate height (y-axis)
0 - 500	0.01
500 - 1000	0.02
1000 - 1500	0.03
1500 - 2000	0.04
2000 - 2500	0.05
2500 - 3000	0.06
3000 - 3500	0.07
3500 - 4000	0.05
4000 - 4500	0.03
4500 - 5000	0.02