

$137 \text{ fb}^{-1}$  (13 TeV)

**CMS**

$\times 10^3$

in progress simulation

400

300

200

100

0

50

45

40

35

30

25

20

15

10

5

2000

4000

A 3D histogram plot representing particle distribution in a CMS simulation. The vertical axis (y-axis) is labeled with values 0, 50, 100, 200, 300, and 400, with a multiplier of  $\times 10^3$ . The horizontal axes (x and z) represent kinematic variables, with the x-axis ranging from 0 to 4000 and the z-axis ranging from 0 to 50. The plot shows a complex, multi-peaked structure with a primary peak near the origin and several smaller peaks along the axes.