

137 fb<sup>-1</sup> (13 TeV)

**CMS**

*relativistic simulation*

45000  
40000  
35000  
30000  
25000  
20000  
15000  
10000  
5000  
0

20  
18  
16  
14  
12  
10  
8  
6  
4

5000

10000

