

7 TeV Inelastic, threshold 15 p.e.

AND trigger

- PYTHIA_MC09
- PYTHIA_DW
- PYTHIA_Perugia0
- PYTHIA8
- PHOJET

Probability per interaction [%]

30
25
20
15
10
5
0

2

4

6

8

10

12

14

Hit multiplicity

PYTHIA_MC09

Mean 4.237 ± 0.01128

RMS 2.036 ± 0.007978

PYTHIA_DW

Mean 4.675 ± 0.01243

RMS 2.332 ± 0.008792

PYTHIA_Perugia0

Mean 3.928 ± 0.01243

RMS 1.903 ± 0.008786

PYTHIA8

Mean 4.324 ± 0.01168

RMS 2.1 ± 0.008261

PHOJET

Mean 4.183 ± 0.01145

RMS 2.059 ± 0.008097