

27.4 pb<sup>-1</sup> (5.02 TeV pp) + 404 μb<sup>-1</sup> (5.02 TeV PbPb)

**CMS**  
**D<sup>0</sup> + jet**

4 < p<sub>T</sub><sup>D</sup> < 20 GeV/c

|y<sup>D</sup>| < 2

|p<sub>T</sub><sup>jet</sup>| > 60 GeV/c

|m<sup>jet</sup>| < 1.6

$\frac{1}{N_{\text{JD}}} \frac{dN_{\text{JD}}}{dr}$

10

1

10<sup>-1</sup>

PbPb

pp

PYTHIA

CCNU

PbPb

pp (SHERPA)

$\frac{\text{PbPb}}{\text{pp}}$

2

1

CCNU

$\frac{\text{Generator}}{\text{pp}}$

1.5

1

0.5

0

pp (SHERPA)

PYTHIA

r

0

0.1

0.2

0.3

0.4

0.5

