

27.4 pb⁻¹ (5.02 TeV pp) + 404 μb⁻¹ (5.02 TeV PbPb)

CMS
D⁰ + jet

$p_T^D > 20$ GeV/c

$|y^D| < 2$

$|p_T^{\text{jet}}| > 60$ GeV/c

$|\eta^{\text{jet}}| < 1.6$

CCNU

PbPb

pp (SHERPA)

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

10²
10
1
10⁻¹
10⁻²

PbPb

pp

PYTHIA

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

CCNU

2
1

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

PYTHIA

pp (SHERPA)

1.5
1
0.5
0

0 0.1 0.2 0.3 0.4 0.5

r