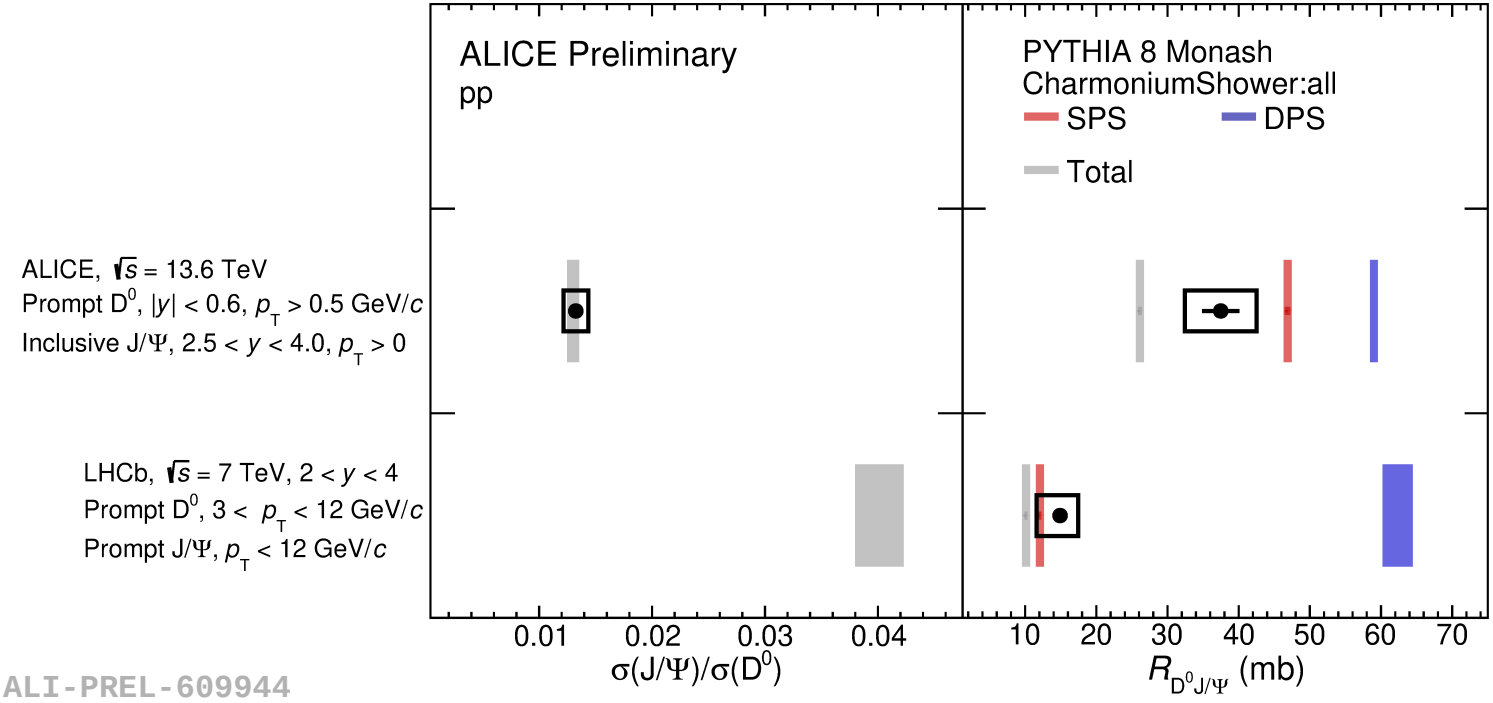
ALICE Preliminary
pp
PYTHIA 8 Monash
CharmoniumShower:all
SPS
DPS
Total
ALICE, √s = 13.6 TeV
Prompt D0, |y| < 0.6, pT > 0.5 GeV/c
Inclusive J/Ψ, 2.5 < y < 4.0, pT > 0
LHCb, √s = 7 TeV, 2 < y < 4
Prompt D0, 3 < pT < 12 GeV/c
Prompt J/Ψ, pT < 12 GeV/c
0.01
0.02
0.03
0.04
σ(J/Ψ)/σ(D0)
10
20
30
40
50
60
70
RD0J/Ψ (mb)
ALI-PREL-609944