

CMS *Preliminary*

34.6 nb⁻¹ (pPb 5.02 TeV)

$B \times d^2\sigma/dp_T dy$ [$\mu\text{b}/(\text{GeV}/c)$]

Prompt J/ ψ

Global uncertainty : 3.5 %

- \bullet $-0.9 < y_{\text{CM}} < 0$
- \blacksquare $-1.5 < y_{\text{CM}} < -0.9$ (x10)
- \blacklozenge $-1.93 < y_{\text{CM}} < -1.5$ (x100)
- \blacktriangledown $-2.4 < y_{\text{CM}} < -1.93$ (x1000)
- \blacktriangle $-2.87 < y_{\text{CM}} < -2.4$ (x10000)

p_T [GeV/c]

