

**CMS** *Preliminary*

34.6 nb<sup>-1</sup> (pPb 5.02 TeV)

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

Prompt J/ $\psi$

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]

