

STARlight: inc $J/\psi \rightarrow e^+e^-$

$d\sigma/dy$ [mb]

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0.0

$\sigma(|y| < 6.0) = 17.800$ mb

$\sigma(3.4 < |y| < 5.8) = 3.488$ mb

$\sigma(3.4 < y < 5.8) = 1.747$ mb

Acc^[1]: 42.24 %

Run-4 expectations:

L_{int} (UPC Pb–Pb): 7.0 nb^{-1}

$N(3.4 < y < 5.8) \approx 720000$

$N(3.4 < \eta^{e^\pm} < 5.8) \approx 300000$

-6

-4

-2

0

2

4

6

y [-]

