

CMS *Simulation*

PbPb 7 nb⁻¹ (5.5 TeV)

$\sigma(\gamma+\text{Pb} \rightarrow \text{VM}+\text{Pb})$ (mb)

Projected J/ ψ in PbPb UPC

STARlight + CMS Phase-2

- Projected J/ ψ with Muon + Track
- ▲ Projected J/ ψ with Di-track (zero bias trigger)

10⁻¹

0 100 200 300 400 500 600 700 800 900 $W_{\gamma\text{N}}^{\text{Pb}}$ (GeV)

