

Predictions	$\sigma_{pp \rightarrow J/\psi} (\rightarrow \mu^+ \mu^-)$	$\sigma_{pp \rightarrow \psi(2S)} (\rightarrow \mu^+ \mu^-)$
Gonçaves and Machado	275	
STARLIGHT	292	6.1
Motyka and Watt	334	
SUPERCHIC	396	
Schäfer and Szczurek	710	17
LHCb measured value	$307 \pm 21 \pm 36$	$7.8 \pm 1.3 \pm 1.0$