

Interval [MeV/ $c$ ]	$N_{\psi(2S)}^{\text{tot}}$	$N_{\psi(2S)}^{\text{coh}}$
$0 < p_{\text{T}}^* < 200$	$475 \pm 41$	$468 \pm 41$
$0 < p_{\text{T}}^* < 30$	$77 \pm 35$	$77 \pm 35$
$30 < p_{\text{T}}^* < 70$	$275 \pm 39$	$274 \pm 39$
$70 < p_{\text{T}}^* < 90$	$91 \pm 14$	$91 \pm 14$
$90 < p_{\text{T}}^* < 110$	$27 \pm 8$	$27 \pm 8$
$110 < p_{\text{T}}^* < 150$	$0 \pm 5$	$0 \pm 5$
$150 < p_{\text{T}}^* < 200$	$5 \pm 4$	$2 \pm 4$