

Semileptonic mode

Channel	N_{Z+c}^{signal}	\mathcal{C}_{Z+c} (%)	$\sigma(Z+c)$ (pb)
$Z \rightarrow e^+e^-$	1066 ± 95	0.63 ± 0.03	$8.5 \pm 0.7 \pm 1.0$
$Z \rightarrow \mu^+\mu^-$	1449 ± 143	0.81 ± 0.03	$9.0 \pm 0.7 \pm 1.0$
Channel	N_{Z+b}^{signal}	\mathcal{C}_{Z+b} (%)	$\sigma(Z+c)/\sigma(Z+b)$
$Z \rightarrow e^+e^-$	2606 ± 114	2.90 ± 0.08	$1.9 \pm 0.2 \pm 0.2$
$Z \rightarrow \mu^+\mu^-$	3241 ± 147	3.93 ± 0.10	$2.2 \pm 0.3 \pm 0.2$

 D^\pm mode

Channel	N_{Z+c}^{signal}	\mathcal{C}_{Z+c} (%)	$\sigma(Z+c)$ (pb)
$Z \rightarrow e^+e^-$	275 ± 55	0.13 ± 0.02	$11.0 \pm 2.1 \pm 0.9$
$Z \rightarrow \mu^+\mu^-$	315 ± 75	0.18 ± 0.02	$9.0 \pm 2.1 \pm 0.8$

 $D^{*\pm}$ (2010) mode

Channel	N_{Z+c}^{signal}	\mathcal{C}_{Z+c} (%)	$\sigma(Z+c)$ (pb)
$Z \rightarrow e^+e^-$	151 ± 31	0.11 ± 0.01	$7.3 \pm 1.5 \pm 0.6$
$Z \rightarrow \mu^+\mu^-$	228 ± 30	0.14 ± 0.01	$8.6 \pm 1.1 \pm 0.6$