

Uncertainty	Impact on signal yield [%]		Correlation
	2022	2023	
$D_s^+$ normalization	7	3	C
W/Z normalization	3.3	2.4	C
$\mathcal{B}(D_s \rightarrow \tau\nu)$	3	3	CY
$\mathcal{B}(D_s \rightarrow \phi\pi \rightarrow \mu\mu\pi)$	8	8	CY
$\mathcal{B}(b \rightarrow D_s X)$	2.5	2.5	CY
$\mathcal{B}(b \rightarrow \tau X)$	3	3	CY
Fraction of $D_s^+$ mesons from b hadron decays	3	1	C
$D^+ \rightarrow \tau + X$ contribution	3	3	CY
Signal selected by triple-muon L1 trigger	1	3	C
HLT efficiency	2.2	2.4	C
Muon efficiencies	2	2	C
Track reconstruction efficiency	2.5	2.9	C
$\mathcal{A}_{\text{sig}} / \mathcal{A}_{2\mu\pi}$	7	7	CY
BDT selection	6	6	-