

Source	$\frac{\sigma(Wb)}{\sigma(Wj)}$	$\frac{\sigma(Wc)}{\sigma(Wj)}$	$\frac{\sigma(Wj)}{\sigma(Zj)}$	$\mathcal{A}(Wb)$	$\mathcal{A}(Wc)$
Muon trigger and selection	—	—	2%	—	—
GEC	1%	1%	1%	—	—
Jet reconstruction	2%	2%	—	—	—
Jet $p_T$	2%	2%	1%	0.02	0.02
$(b, c)$ -tag efficiency	10%	10%	—	—	—
SV-tag BDT templates	5%	5%	—	0.02	0.02
$p_T(\mu)/p_T(j_\mu)$ templates	10%	5%	4%	0.08	0.03
Top quark	13%	—	—	0.02	—
$Z \rightarrow \tau\tau$	—	3%	—	—	—
Other electroweak	—	—	—	—	—
$W \rightarrow \tau \rightarrow \mu$	—	—	1%	—	—
Total	20%	13%	5%	0.09	0.04