

Source of uncertainty	Ratios	Uncertainty vs m_{jj}	Impact on $\mathcal{B}(\text{H} \rightarrow \text{inv})$
Theoretical uncertainties			
Ren. scale V+jets (EW)	$Z(\nu\nu)/W(\ell\nu)$ (EW)	9–12%	48%
Ren. scale V+jets (QCD)	$Z(\nu\nu)/W(\ell\nu)$ (QCD)	9–12%	23%
Fac. scale V+jets (EW)	$Z(\nu\nu)/W(\ell\nu)$ (EW)	2–7%	4%
Fac. scale V+jets (QCD)	$Z(\nu\nu)/W(\ell\nu)$ (QCD)	2–7%	2%
PDF V+jets (QCD)	$Z(\nu\nu)/W(\ell\nu)$ (QCD)	0.5–1%	< 1%
PDF V+jets (EW)	$Z(\nu\nu)/W(\ell\nu)$ (EW)	0.5–1%	< 1%
NLO EW corr.	$Z(\nu\nu)/W(\ell\nu)$ (QCD)	1–2%	< 1%
Experimental uncertainties			
Muon reco. eff.	$W(\mu\nu)/W(\ell\nu), Z(\mu\mu)/Z(\nu\nu)$	$\approx 1\%$ (per leg)	8%
Ele. reco. eff.	$W(e\nu)/W(\ell\nu), Z(ee)/Z(\nu\nu)$	$\approx 1\%$ (per leg)	3%
Muon id. eff.	$W(\mu\nu)/W(\ell\nu), Z(\mu\mu)/Z(\nu\nu)$	$\approx 1\%$ (per leg)	8%
Ele. id. eff.	$W(e\nu)/W(\ell\nu), Z(ee)/Z(\nu\nu)$	$\approx 1.5\%$ (per leg)	4%
Muon veto	$W(\text{CRs})/W(\ell\nu), Z(\nu\nu)/W(\ell\nu)$	≈ 2.5 (2)% for EW (QCD)	7%
Ele. veto	$W(\text{CRs})/W(\ell\nu), Z(\nu\nu)/W(\ell\nu)$	≈ 1.5 (1)% for EW (QCD)	5%
τ veto	$W(\text{CRs})/W(\ell\nu), Z(\nu\nu)/W(\ell\nu)$	≈ 3.5 (3)% for EW (QCD)	13%
Jet energy scale	$Z(\text{CRs})/Z(\nu\nu), W(\text{CRs})/W(\ell\nu)$	≈ 1 (2)% for Z/Z (W/W)	2%
Ele. trigger	$W(e\nu)/W(\ell\nu), Z(ee)/Z(\nu\nu)$	$\approx 1\%$	< 1%
$p_{\text{T}}^{\text{miss}}$ trigger	All ratios	$\approx 2\%$	18%