

Signal	
Cross section (scale)	1% ($q\bar{q}$), 50% (gg)
Cross section (PDF)	2.4% ($q\bar{q}$), 17% (gg)
Branching ratio	3.3 %
Acceptance (scale)	1.5%–3.3%
3-jet acceptance (scale)	3.3%–4.2%
p_{TV} shape (scale)	S
Acceptance (PDF)	2%–5%
p_{TV} shape (NLO EW correction)	S
Acceptance (parton shower)	8%–13%
Z+jets	
Zl normalisation, 3/2-jet ratio	5%
Zcl 3/2-jet ratio	26%
$Z+\text{hf}$ 3/2-jet ratio	20%
$Z+\text{hf}/Zbb$ ratio	12%
$\Delta\phi(\text{jet}_1, \text{jet}_2)$, p_{TV} , m_{bb}	S
W+jets	
Wl normalisation, 3/2-jet ratio	10%
Wcl , $W+\text{hf}$ 3/2-jet ratio	10%
Wbl/Wbb ratio	35%
Wbc/Wbb , Wcc/Wbb ratio	12%
$\Delta\phi(\text{jet}_1, \text{jet}_2)$, p_{TV} , m_{bb}	S
$t\bar{t}$	
3/2-jet ratio	20%
High/low- p_{TV} ratio	7.5%
Top-quark p_{T} , m_{bb} , $E_{\text{T}}^{\text{miss}}$	S
Single top	
Cross section	4% (s -, t -channel), 7% (Wt)
Acceptance (generator)	3%–52%
m_{bb} , $p_{\text{T}}^{b_2}$	S
Diboson	
Cross section and acceptance (scale)	3%–29%
Cross section and acceptance (PDF)	2%–4%
m_{bb}	S
Multijet	
0-, 2-lepton channels normalisation	100%
1-lepton channel normalisation	2%–60%
Template variations, reweighting	S