

Process	Energy (TeV)	Theory calculation	Other results
VBF W [325]	8	MG5_aMC Py6 LO	—
VBF W [327]	13	MG5_aMC Py8 LO	aQGC
VBF Z [324]	7	VFBNL0 NLO	central hadronic activity
VBF Z [326]	8	MG5_aMC Py6 LO	jet activity
VBF Z [328]	13	MG5_aMC Py8 LO	aQGC, jet, central hadronic activity
EW $W^\pm W^\mp, WZ$ [329]	13	MG5_aMC Py8 LO	aQGC
$\gamma\gamma \rightarrow W^\pm W^\pm$ [330]	13	MADGRAPH 5 LO rescaled	aQGC
EW $W\gamma$ [331]	8	MADGRAPH 5 Py6 VFBNL0 NLO	aQGC
EW $W\gamma$ [311]	13	MG5_aMC Py8 LO	aQGC, m_{jj} , 6 dist.
EW $Z\gamma$ [332]	8	MADGRAPH 5 Py6 LO	aQGC
EW $Z\gamma$ [312]	13	MG5_aMC Py8 LO	aQGC, $m_{jj} x \Delta\eta(jj)$ + 3 1D dist.
EW $W^\pm W^\pm$ [333]	8	MADGRAPH 5 Py6 VFBNL0 2.7 NLO	aQGC
EW $W^\pm W^\pm$ [334]	13	MG5_aMC Py8 corr NLO QCD and EW [335,336]	aQGC, m_{jj} , 3 dist.
EW $W^+ W^-$ [337]	13	MG5_aMC Py8 LO	—
EW WZ [338]	13	MG5_aMC Py8 corr NLO QCD and EW [339]	aQGC, m_{jj}
EW ZZ [277]	13	POWHEG BPX NLO [340]	aQGC