
Cross section calculation

DYTURBO	[38]
FEWZ	[39,40,41]
γ + jet	[42,43]
HELAC-ONIA	[44,45]
MATRIX	[46]
NLLJET	[47]
NLOJET++ (with FASTNLO)	[48,49] ([50,51])
NNLOJET (with FASTNLO)	[52,53,54] ([50,51])
OPENLOOPS	[55]

Hard-scattering process generation

BLACKHAT	[56]
COMPHEP	[57]
HJ-MINLO	[58,59,60]
JHUGEN	[61,none,none,none,65]
MCFM	[66,67]
MADGRAPH 5, MADGRAPH5_aMC@NLO	[68,69,70]
NNLOPS	[71,72,73]
OPENLOOPS	[74,75,76,77]
PHOTOS	[78]
POWHEG, POWHEG BPX	[79,80,81,none]
VBFNLO, VBFNLO 2.7	[82,none,84]

Full particle event generation

CASCADE 3	[85]
HERWIG 7, HERWIG++	[86,87]
PHOJET	[88]
PYTHIA 6, PYTHIA 8	[89,none,none]
SHERPA 1, SHERPA 2	[92,93,94,95,96]

Particle transport and detector interaction

GEANT4	[97]
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