Process	ME event generator	PDF	PS and	UE tune	Cross-section
			hadronisation		calculation
V+jets ($V = W/Z$)	Sherpa 2.2.1 [77]	NNPDF3.0 NNLO	Sherpa	Default	NNLO [78]
$t\bar{t} + V$	$aMC@NLO\ 2.3.3$	NNPDF3.0 NLO	Рутніа 8.210	A14	NLO [67]
$tar{t}$	Powheg-Box v2 [79]	NNPDF3.0 NNLO	Рутніа 8.230	A14	NNLO+NNLL [80,81,82,83,84,85]
Single top	Powheg-Box v2	NNPDF3.0 NNLO	Рутніа 8.230	A14	NNLO+NNLL [86,87,88]
Diboson	Sherpa 2.2.1-2.2.2	NNPDF3.0 NNLO	Sherpa	Default	NLO
$t\bar{t}H$	aMC@NLO $2.2.3$	NNPDF3.0 NLO	Рутніа 8.230	A14	NLO [89,90,91,92]
tWZ,tZ	aMC@NLO $2.3.3$	NNPDF2.3 LO	Рутніа 8.212,8.230	A14	NLO
VH	Рутніа 8.230	NNPDF2.3 LO	Рутніа 8.2	A14	NLO