	Generator	PDF ($\alpha_s(m_Z)$)	Pileup
Pseudodata samples	PYTHIA8 (CP5) [32]	NNPDF3.1 QCD+LUXQED NNLO (0.118)	0
	PYTHIA8 (CUETP8M1) [61]	NNPDF2.3 QCD+QED LO (0.130)	0
Other validation	PYTHIA8 (CP5)	NNPDF3.1 QCD+LUXQED NNLO (0.118)	$\sim$Poisson(1)
	PYTHIA8 (CP5) α_s^{FSR} Variations [32]	NNPDF3.1 QCD+LUXQED NNLO (0.118)	0
	PYTHIA8 CUETP8M2T4 [none-none-none-none-none,37]	NNPDF3.0 QCD LO (0.130)	0
	PYTHIA8 (CP5) color-reconnection tunes [63]	NNPDF3.1 QCD+LUXQED NNLO (0.118)	0
	PYTHIA8 (CP2)	NNPDF3.1 QCD LO (0.130)	0
	PYTHIA8 (A14) [none-none-none-none-none]	NNPDF3.1 QCD LO (0.130)	0
	PYTHIA8 (A14) eigenvariations	NNPDF3.1 QCD LO (0.130)	0
	PYTHIA8 (A14) CTEQL1	CTEQL1 (0.1298)	0
	PYTHIA8 (A14) MSTW2008LO	MSTW2008LO (0.13939)	0
	PYTHIA8 (A14) HERAPDF1.5LO	HERAPDF1.5LO (0.130)	0