

	Generator	PDF ($\alpha_S(m_Z)$)
Pseudodata samples	PYTHIA8 (CP5) [36]	NNPDF3.1 QCD+LUXQED NNLO (0.118)
	PYTHIA8 (CUETP8M1) [78]	NNPDF2.3 QCD+QED LO (0.130)
Other validation	PYTHIA8 (CP5) with pileup	NNPDF3.1 QCD+LUXQED NNLO (0.118)
	PYTHIA8 (CP5) α_S^{FSR} variations [36]	NNPDF3.1 QCD+LUXQED NNLO (0.118)
	PYTHIA8 CUETP8M2T4 [none-none-none-none-none,40]	NNPDF3.0 QCD LO (0.130)
	PYTHIA8 (CP5) color reconnection tunes [81]	NNPDF3.1 QCD+LUXQED NNLO (0.118)
	PYTHIA8 (CP2)	NNPDF3.1 QCD LO (0.130)
	PYTHIA8 (A14) [none-none-none-none-none]	NNPDF3.1 QCD LO (0.130)
	PYTHIA8 (A14) eigenvariations	NNPDF3.1 QCD LO (0.130)
	PYTHIA8 (A14) CTEQL1	CTEQL1 (0.1298)
	PYTHIA8 (A14) MSTW2008LO	MSTW2008LO (0.13939)
	PYTHIA8 (A14) HERAPDF1.5LO	HERAPDF1.5LO (0.130)