

Analysis	\sqrt{s} (TeV)	HERA Data or PDF	QCD order	Best PDF constraint
W charge asym. [177], W+c [178]	7	HERA-I	NLO	u, d, s
Inclusive jet [144]	7	HERA-I	NLO	gluon
W charge asym. [179]	8	HERA-I + II	NLO	u and d
Inclusive jet [139]	8	HERA-I + II	NLO	gluon
3D dijet [180]	8	HERA-I + II	NLO	gluon
Inclusive jet [146], $t\bar{t}$ [181]	13	HERA-I + II, CT14nnlo	NNLO,NLO	gluon
Dijet mass [182]	13	HERA-I + II	NNLO	gluon