fastNLO Scenario Overview																			
Scenario Name	**Publication**	**Coll.**	**Observable**	**Jet Algorithm**	**Binning**	**Ndim**	**Nobs**	**Theory**	**Status**	**Scales**	**NxBin**	**NScaleBin**	**NScaleDim**	**INorm**	**Author**	**Precision**	**# Gevents**	**Works in v2**	**Comment**
Tevatron Run I																			
fnt1001	hep-ph/0102074	CDF	incl jet	midp,rsep	ET (eta)	2	33	LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 ET	12,10	1	1	0	mw,tk	0.5%,0.3%		ok	
fnt1002	hep-ex/0011036	D0	incl jet	midp,rsep	ET, eta	2	90	LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 ET	12,10	1	1	0	mw,tk	1%, 1%		ok	
fnt1003	hep-ex/0012013	CDF	dijet	midp,rsep	ET, eta1,2	2	51	LO, NLO	CEDAR: I,U	0.25,0.5,1,2 ET	12,12	1	1	0	mw	0.4%, 0.4%		ok	
fnt1004	hep-ex/0012046	D0	incl jet 630	midp,rsep	ET (eta)	2	20+20	LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 ET	12,12	1	1	0	mw			ok	includes x-sect @630
fnt1005	hep-ex/0012046	D0	incl jet 630	midp,rsep	ET (eta)	2		LO,NLO,TrCr	CEDAR: U	0.25,0.5,1,2 ET	12	1	1	0	mw			2ok	weighted x-sect a:630, b:1800
fnt1006 xxx	PRL70:1376(1993)	CDF	incl jet 546	midp,rsep	ET (eta)	2		LO,NLO,TrCr		0.25,0.5,1,2 ET			1	0	mw				weighted x-sect a:546 b:1800
fnt1007	hep-ex/9912022	CDF	dijet	midp,rsep	Mjj	1	18	LO, NLO	CEDAR: I,U	0.25,0.5,1,2 ET	10	2	1	0	mw			ok	
fnt1008	hep-ex/0012046	D0	dijet	midp,rsep	Mjj	3	15	LO, NLO	CEDAR: I,U	0.25,0.5,1,2 ET	10	2	1	0	mw			ok	
fnt1009	hep-ex/0012046	D0	dijet	midp,rsep	chi, Mjj	2	62	LO, NLO	CEDAR: I	0.25,0.5,1,2 ET	12	2	1	1	mw			ok	
fnt1010	hep-ex/9609011	CDF	dijet	midp,rsep	chi, Mjj	2	40	LO, NLO	CEDAR: I	0.25,0.5,1,2 ET	12	2	1	1	mw			ok	
fnt1011	PRL70:1376(1993)	CDF	incl jet 546	midp,rsep	ET (eta)	2		LO,NLO,TrCr	CEDAR: I	0.25,0.5,1,2 ET			1	0	mw			ok	xsect @546
fnt1012	hep-ex/0012046	D0	dijet ratio	midp,rsep	Mjj/eta	2		LO, NLO		0.25,0.5,1,2 ET	10	2	1	0	mw				
fnt100a	as fnt200a-RunI	(D0)	incl jet		pT														single scale pT
Tevatron Run II																			
fnt2001-diff	hep-ex/0409040	D0	dijet	midp	DPhi, pT	2	94	LO, NLO	CEDAR: U	0.25,0.5,1,2 pT	12	2	1	0	mw,ok			eps	a
fnt2001-norm	hep-ex/0409040	D0	dijet	midp	DPhi, pT	?1	4	LO, NLO	CEDAR: U	0.25,0.5,1,2 pT	12	2	1	0	mw			ok	b
fnt2002	hep-ex/0512020	CDF	incl jet	midp,rsep	pT (y)	2		LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 pT	12,10	1	1	0	tk			ok	
fnt2003	hep-ex/0512062	CDF	incl jet	kT	pT (y)	2		LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 pT	12	1	1	0	mw			ok	
fnt2004	hep-ex/0701051	CDF	incl jet	kT	pT, y	2		LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 pT	12		1	0	mw			ok	
fnt2005	hep-ex/0701051	CDF	incl jet	kT	pT (y)	2		LO,NLO,TrCr	CEDAR: I	0.25,0.5,1,2 pT	12		1	0	mw			ok	D=0.5 - too many y bins
fnt2006	hep-ex/0701051	CDF	incl jet	kT	pT (y)	2		LO,NLO,TrCr	CEDAR: I	0.25,0.5,1,2 pT	12		1	0	mw			ok	D=1.0 - too many y bins
fnt2007	hep-ex/0807.2204	CDF	incl jet	midp,rsep	pT, y	2		LO,NLO,TrCr	CEDAR: I	0.25,0.5,1,2 pT	12		1	0	mw			ok	
fnt2008	prel	CDF	dijet	midp,rsep	Mjj	?		LO, NLO	CEDAR: I	0.25,0.5,1,2 pT	10	2	1	0	mw			ok	
fnt2009	hep-ex/0802.2400	D0	incl jet	midp, rsep	pT, y	2	110	LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 pT	12	1	1	0	mw	typ. <0.1%		ok	
fnt2010	prel	D0	dijet	midp,rsep	chi (Mjj)	2	120	LO, NLO		0.25,0.5,1,2 pT	12	2	1		mw			ok	
fnt2011	under construct.	D0	dijet	midp	Mjj (ymax)	2	71	LO, NLO		0.25,0.5,1,2 pT	11	2	1		mw				better scale interpolation needed
fnt2012		D0	three-jet		M3j										mw				
fnt2013		D0	R3/2		pT										mw				
fnt200a	RunIIa -fine pT bins	D0																	
fnt2d0dij	internal 0.5% syst																		
fnt20xx	kT D-depend	CDF																	
fnr20xy	fnt20xx + cone																		
HERA 820GeV																			
fnh1001	hep-ex/0010054	H1	incl jet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET	20	2	-	0	tk			BnSt	
fnh1002	hep-ex/0208037	ZEUS	incl jet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET	20	2	-	0	mw			ok	fixed alpha_em
fnh1003	hep-ex/0206029	H1	incl jet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET		2	-	0	tk			ok	
fnh1004	hep-ex/0010054	H1	dijet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET	20	2	-	0	tk			ok	
fnh1005 zzz	hep-ex/0508055	H1	fwd jet	kT				LO, NLO	CEDAR: I	0.5,1,2 ET	30	4	-	0	tk			BnSt	
fnh1006 zzz	test	ZEUS	fwd jet	kT				LO, NLO	CEDAR: I	0.5,1,2 ET	20	4	-	0	tk			BnSt	
fnh1007 xxx	hep-ex/0608048	ZEUS	incl jet	kT	ET, Q2			LO, NLO		0.5,1,2 ET			-	0	mw				
HERA 920GeV																			
fnh2001	hep-ex/0608048	ZEUS	incl jet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET	12	3	-	0	mw			ok	fixed alpha_em
fnh2002 xxx	hep-ex/0701039	ZEUS	incl jet	kT	(ET,D) (Q2,D)			not yet					-						
fnh2003	hep-ex/07063722	H1	incl jet	kT	ET, Q2			LO, NLO	CEDAR: I,U	0.5,1,2 ET		4	-	0	tk				
RHIC																			
fnr0001		STAR	incl jet	kT	pT (y)			LO,NLO,TrCr	CEDAR: I,U	0.25,0.5,1,2 pT	12	1	1	0	mw			ok	
fnr0002		STAR	dijet	midp	Mjj		10	LO, NLO		0.25,0.,1,2 pT	12	2		0	mw	0,1%,0.2%	40G,138G	ok	
LHC 14 TeV																			
fnl0001 xxx																			
fnl0002	CERN-LHCC-2006-021	CMS	incl. jets	kT 1.0	pT, y	132		LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				our kT
fnl0003		CMS	incl. jets	midp 0.7	pT, y	132		LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				ourMidPointCone
fnl0004	test	ATLAS	incl .jet	kT	pT, y			LO, NLO, TrCr	CEDAR: I	0.25,0.5,1,2pT			1		mw			ok	
fnl00xx	kT D-dep + AC																		
fnl00xy	normalization																		
fnl0007		CMS	incl. jets	kT 0.6	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				our fixed kT
fnl0008		CMS	incl. jets	fj SC 0.7	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet SISCone
fnl0009		CMS	incl. jets	midp 0.7	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				our MidPointCone
fnl0010		CMS	incl. jets	fj kT 0.6	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet kT

fnl0011		CMS	incl. jets	fj MP 0.7	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastJet MidPointCone
fnl0017		CMS	incl. jets	kT 0.4	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				our fixed kT
fnl0018		CMS	incl. jets	fj SC 0.5	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet SISCone
fnl0019		CMS	incl. jets	midp 0.5	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				our MidPointCone
fnl0020		CMS	incl. jets	fj kT 0.4	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet kT
fnl0021		CMS	incl. jets	fj MP 0.5	pT, y	2	161	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastJet MidPointCone
fnl0117		CMS	forward jets	kT 0.4	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl0118		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl0118.x_06_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	6	1	1		kr				x bin precision series
fnl0118.x_24_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	24	1	1		kr				x bin precision series
fnl0118.x_48_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	48	1	1		kr				x bin precision series
fnl0118.x_12_1		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				x weighting test, failed so far
fnl0217		CMS	forward jets	kT 0.4	pT, eta	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl0218	CMS-PAS-FWD-08-001	CMS	forward jets	fj SC 0.5	pT, eta	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl0310		CMS	incl. jets	fj kT 0.6	pT, y	2	164	LO,NLO		1.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl0408		CMS	dijet mass	fj SC 0.7	m_jj, eta	2	50 x 1	LO,NLO		1.25,0.5,1,2 pT_jj_ave	20	1	1		kr		30, 30, 30, 6		
LHC 10 TeV																			
fnl1007		CMS	incl. jets	kT 0.6	pT, y	2	152	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl1007.y_1_x_06_2		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	6	1	1		kr				x bin precision series
fnl1007.y_1_x_12_2		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				x bin precision series
fnl1007.y_1_x_24_2		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	24	1	1		kr				x bin precision series
fnl1007.y_1_x_48_2		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	48	1	1		kr				x bin precision series
fnl1007.y_1_x_12_1		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	6	1	1		kr				x weighting test, failed so far
fnl1007.y_1_x_48_1		CMS	incl. jets	kT 0.6	pT, y	2	34	LO,NLO		0.25,0.5,1,2 pT	48	1	1		kr				x weighting test, failed so far
fnl1008	CMS-PAS-QCD-08-001	CMS	incl. jets	fj SC 0.7	pT, y	2	152	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet SISCone
fnl1010	CMS-PAS-QCD-08-001	CMS	incl. jets	fj kT 0.6	pT, y	2	152	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet kT
fnl1018		CMS	incl. jets	fj SC 0.5	pT, y	2	152	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				fastjet SISCone
fnl1118		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl1118.x_06_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	6	1	1		kr				x bin precision test
fnl1118.x_12_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				x bin precision test
fnl1118.x_24_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	24	1	1		kr				x bin precision test
fnl1118.x_48_2		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	48	1	1		kr				x bin precision test
fnl1118.x_06_1		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	6	1	1		kr				x weighting test, failed so far
fnl1118.x_48_1		CMS	forward jets	fj SC 0.5	pT, y	2	14	LO,NLO		0.25,0.5,1,2 pT	48	1	1		kr				x weighting test, failed so far
fnl1218		CMS	forward jets	fj SC 0.5	pT, eta	2	14	LO,NLO		0.25,0.5,1,2 pT	12	1	1		kr				
fnl1308		CMS	incl. jets	fj SC 0.7	pT, y	2	164	LO,NLO		1.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl1310		CMS	incl. jets	fj kT 0.6	pT, y	2	164	LO,NLO		1.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl1408		CMS	dijet mass	fj SC 0.7	m_jj, eta	2	50 x 1	LO,NLO		1.25,0.5,1,2 pT_jj_ave	20	1	1		kr		30, 30, 30, 6		
fnl1518norm	CMS-PAS-QCD-09-003	CMS	dijet dphi	fj SC 0.5	pT, y	2	6 x 1	LO,NLO		1.25,0.5,1,2 pT_lead_jet	20	1	1		kr		30, 30, 30, 6		
fnl1518diffpt1-6	CMS-PAS-QCD-09-003	CMS	dijet dphi	fj SC 0.5	DPhi, pT	2	20 x 1	LO,NLO		1.25,0.5,1,2 pT_lead_jet	20	1	1		kr		30, 30, 30, 6		
LHC 7 TeV																			
fnl2218		CMS	forward jets	fj SC 0.5	pT, eta	2	14	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2308		CMS	incl. jets	fj SC 0.7	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2310		CMS	incl. jets	fj kT 0.6	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2318		CMS	incl. jets	fj SC 0.5	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2320		CMS	incl. jets	fj kT 0.5	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2322		CMS	incl. jets	fj ak 0.5	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2323		CMS	incl. jets	fj CA 0.5	pT, y	2	164	LO,NLO		0.25,0.5,1,2 pT_jet	12	1	1		kr		30, 30, 30, 6		
fnl2408		CMS	dijet mass	fj SC 0.7	m_jj, eta	2	50 x 1	LO,NLO		0.25,0.5,1,2 pT_jj_ave	20	1	1		kr		30, 30, 30, 6		
fnl2412		CMS	dijet mass	fj ak 0.7	m_jj, eta	2	50 x 1	LO,NLO		0.25,0.5,1,2 pT_jj_ave	20	1	1		kr		30, 30, 30, 6		
fnl2442		CMS	dijet mass ratio	fj ak 0.7	m_jj, eta	2	50 x 2	LO,NLO		0.25,0.5,1,2 pT_jj_ave	20	1	1		kr		30, 30, 30, 6		
fnl2518norm		CMS	dijet dphi	fj SC 0.5	pT, y	2	6 x 1	LO,NLO		0.25,0.5,1,2 pT_lead_jet	20	1	1		kr		30, 30, 30, 6		
fnl2518diffpt1-6		CMS	dijet dphi	fj SC 0.5	DPhi, pT	2	20 x 1	LO,NLO		0.25,0.5,1,2 pT_lead_jet	20	1	1		kr		30, 30, 30, 6		