

MC data (4.9.1)

http://www-cdf.fnal.gov/internal/physics/top/mc/mc_samples_491.shtml
<http://ncdf43.fnal.gov/~safonov/tau/MCTau.htm>

DY[e]	PYTHIA	Nevt=400K
	HERWIG	95
DY[mu]	PYTHIA	400
	HERWIG	100
DY[tau]	PYTHIA	650
	HERWIG	570

W[e]	PYTHIA	1400
	HERWIG	100
W[mu]	PYTHIA	1400
	HERWIG	100
W[tau]	PYTHIA	700
	HERWIG	100

WW	PYTHIA	820
	HERWIG	33
WZ	PYTHIA	96

Dijet	Etmin=0	5	10	18	40	50	60	90
PYTHIA	500	500	500	3000	500		500	500
HERWIG		500	500	500	500	500	500	500

Single central photon(HERWIG): Etmin(j)=20: 1000K
 bbbar+2j (ALPGEN+HERWIG):Etmin(b)=30: 220K

ALPGEN+ HERWIG	e	mu	tau
W+1j	300	300	300
W+2j	300	300	300
W+3j	300	300	300
W+4j	300	300	300
Wccbar+0j	300	300	
Wccbar+1j	300	300	300
Wccbar+2j	300	300	
Wbbbar+0j	300	300	
Wbbbar+1j	300	300	
Wbbbar+2j	300	300	
Wc+0j	300	300	
Wc+1j	300	300	
Wc+2j	300	300	
Z+1j (*)	100	100	100
Z+2j (*)	100	100	100
Zccbar+1j	50	50	50
Zbbbar+1j	50	50	50

ttbar	HERWIG	400
	PYTHIA	340
Diff. top masses from 150 to 200 by 5 GeV step (each 15K with HERWIG)		
Sing top (t&s channels)	PYTHIA	512
Sing top(only t)	PYTHIA	512

PYTHIA Tau sample from Tau group

W[tau]	Tau-> [h]	650
	Tau-> [e]	180
Z[tau]	[e, h]	50
	[mu, h]	50
	[h, h]	92

MadGraph+PYTHIA sample

W+Njet, Z+Njet [N=0,1,2,3,4]
 Wbbbar, Zbbbar, Wccbar, Zccbar
 WW/WZ [dilepton channels]
 (W->e/mu/tau, Z->e/mu/tau channels)
 ttbar [dilepton, lepton+jet]
 Each: 10K

*Z from ALPGEN has a cut on Mll=[75,105] but there are additional sample for 2jet case.

Z(e)+2j: 300k [10,75], 300k[105,800]

Z(mu)+2j: 300k [10,75]

Z(tau)+2j: 300k [10,75]