MDC-2a Datasets Proposal

Trigger	MDC1 L3 bit#	Trigger Module	Contact Person	L3 Stream	CDF/4718 Note Reference
Jet-70		JetL3 FilterModule		B	3.5
Jet-100	8	JetL3 FilterModule		B	3.6
High-E_T electron	14	TopL3 FilterModule		A	3.7
High-E_T muon	15	TopL3 FilterModule		A	3.8
MET+2jets		JetL3 FilterModule		A	3.11
Inclusive MET		JetL3 FilterModule		A	3.12
J/y ®mm		JPsiToDimuon FilterModule		A	3.13
Plug electron + MET		ElectroweakL3 Filter		A	3.18
e + isolated track		TBD	Fedor & Pasha	A	3.25
m + isolated track		TBD	Fedor & Pasha	A	3.25
MC ttbar		L1 (MC) bit based		A	
The rest	--	No L3 bits set		B	

Requested Samples for MDC-2b

L1 Bit	Process	A	N(events)	Contact	event size	time/evt (sec)	size(tot) GBytes	time(tot) (hours)	L3 stream	Production stream
0	TTbar Herwig	*	100,000	Weiming	285K	12.8	28.5	355	A	T
1	Jet 20 Herwig			QCD group?					B	J
2	Jet 50 Herwig	*		QCD group?	240				B	J
3	Jet 100 Herwig			QCD group?					B	J
4	Pythia_Zee								A	T
5	Wgrad_e(+,-)	*	2x20,000	Dave Waters	193K	9.2	8.0	103	A	T
6	Wgrad_mu(+,-)	*	2x20,000	Dave Waters	190K	6.3	8.0	70	A	T
7	Wh_pythia	*	100,000	Weiming	173	~6.3	17.3	175	A	H
8	Zh_pythia	*	100,000	Weiming	170	5.4	17.0	150	A	H
9	b-->J/psi X								B	B
10	SUSY C1N2 #1	*	5,000	Jane/DaveG	150	5.0	0.75	7	A	S
11	Z -> b bbar	*	100,000	Weiming	162	5.12	16.2	150	A	H
12	Z -> tau+ tau-	*	100,000	Weiming/Pasha	120	~5.	12.0	140	A	H
13	dijets 175 Pythia	*	500,000	bjk@fnal	449	19.7	225.0	2800	B	J
14	dijets 290 Pythia	*	100,000	bjk@fnal	452	19.8	45.0	560	B	J
15	single top			Pierre					A	T
16	W+2jets(VECBOS+HERPRT)			George Velev					A	T
17	WZ	*	10,000	Dave Waters	180	6.2	1.8	17	A	T
18	WW	*	10,000	Dave Waters		-"-	1.8	17	A	T
19	ZZ	*	10,000	Dave Waters		-"-	1.8	17	A	T
20	mSUGRA C1N2->stau #1	*	25,000	Fedor/Pasha	206	6.7	5.0	46	A	S
21	mSUGRA C1N2->stau #2	*	25,000	Fedor/Pasha	239	7.8	6.0	54	A	S
22	Drell-Yan	*	50,000	Jane/DaveG	135	4.6	8.5	64	A	W
23	diphoton	*	20,000	Ray	123	4.1	2.4	23	A	
24	SUSY C1N2 #2		5,000	Jane/DaveG			0.75	7	A	S
25	SUSY C1N2 #3		5,000	Jane/DaveG			0.75	7	A	S
26	SUSY C1N2 #4		5,000	Jane/DaveG			0.75	7	A	S
27	stop production	*	50,000	Andrey Nom.	172	5.42	8.5	75	A	S
			1,400,000				415	4,894	A,B	BHJSTW
28	b bbar		5,000,000	B group	200	15-20	1,000	20,000	C	C