

Good Run List

List of runs with SiPM module:

Run Number	Num. Evt	Energy	PDE config	AFE board	Detectors	Date	Comments
12222	500000	60 GeV e-	High	AFE2	muon	20.07.2017	
12226	500000	60 GeV e-	Intermediate	AFE2	muon	20.07.2017	From now event counter as Sync mode in Mada sw
12231	500000	60 GeV e-	High	AFE3	muon	20.07.2017	
12233	500000	60 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12235	500000	50 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12237	500000	40 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12238	500000	30 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12240	140673	20 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	Stop due to run control interface not updating, no evt loss
12241	135603	20 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	12240 and 12241 have the same configuration
12243	61674	10 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12245	40517	10 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12246	157000	10 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12247	82077	10 GeV e-	Intermediate	AFE3	muon, DWC	20.07.2017	
12254	243525	6 GeV e-	Intermediate	AFE3	muon, DWC	21.07.2017	no veto to increase trigger rate
12255					muon, DWC	21.07.2017	pedestal run, DAQ standalone (no MADA)
12256			Intermediate	AFE3	muon, DWC	21.07.2017	pedestal run, DAQ and MADA
12257	250000	6 GeV e-	Intermediate	AFE3	muon, DWC	21.07.2017	no pedestal trigger by mistake
12258			Intermediate	AFE3	muon, DWC	21.07.2017	pedestal run (25k ped events)
12259	40000	60 GeV mu-			muon, DWC	21.07.2017	DAQ standalone
12264	305801	20 GeV e-	High	AFE3	muon, DWC	21.07.2017	
12268	228353	60 GeV mu-	Intermediate	AFE3	muon, DWC	21.07.2017	veto in
12269	60022		Intermediate	AFE3	muon, DWC	21.07.2017	

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		60 GeV mu-					veto in - run stopped due to no beam
12270	19603	60 GeV mu-	Intermediate	AFE3	muon, DWC	21.07.2017	veto in - run stopped due to no beam
12271	290	60 GeV mu-	Intermediate	AFE3	muon, DWC	21.07.2017	veto in - run stopped to install preshower
12273	2492	60 GeV mu-	Intermediate	AFE3	muon, DWC, ps	21.07.2017	veto in, ps in, stopped due to no beam
12274	250000	60 GeV mu-	Intermediate	AFE3	muon, DWC, ps	21.07.2017	
12276	250000	60 GeV mu-	Intermediate	AFE3	muon, DWC, ps	21.07.2017	
12277	250000	60 GeV mu-	Intermediate	AFE3	muon, DWC, ps	21.07.2017	
12278	250000	50 GeV e-	Intermediate	AFE3	muon, DWC, ps	21.07.2017	
12279	250000	50 GeV e-	Low	AFE3	muon, DWC, ps	21.07.2017	change PDE config
12280	250000	40 GeV e-	Low	AFE3	muon, DWC, ps	21.07.2017	triggering only on T1 (higher yield!)
12281	250000	30 GeV e-	Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12282	250000	20 GeV e-	Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12283	250000	10 GeV e-	Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12284	250000	6 GeV e-	Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12285	250000	6 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	PDE 4V under nominal bias, triggering only on T1
12286	250000	10 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12287	250000	20 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12288	168727	30 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1, stop due to beam loss
12289	100000	30 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1, Same config as 12288
12290	122570	40 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1, Stop due to beam loss
12291	150000	40 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1, Same

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							config as 12290
12292	500000	50 GeV e-	Very Low	AFE3	muon, DWC, ps	22.07.2017	triggering only on T1
12293		50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	57.6V, stop for bias check
12294	500000	50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	
12295	500000	50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	
12296	500000	50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	
12297	500000	50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	
12299	147654	50 GeV mu-	intermediate	AFE3	muon, DWC, ps	22.07.2017	good run but beam disappeared
12318	250000	6 GeV mu/e- ?	underbreakdown	AFE3	muon, DWC, ps	23.07.2017	6V below bias, setting the 6 GeV e- (H8C.027) seeing only muons, trigger fixed
12319	100000	6 GeV mu/e- ?	underbreakdown	AFE3	muon, DWC, ps	23.07.2017	high PDE for test, very few. e- < 1%
12321	250000	6 GeV mu/e-	underbreakdown	AFE3	muon, DWC, ps	23.07.2017	same condition, seeing few e-
12324	50000	10 GeV e-	underbreakdown	AFE3	muon, DWC, ps	23.07.2017	Good Run
12325	50000	10 GeV e-	underbreakdown	AFE3	muon, DWC, ps	23.07.2017	Good Run
12326	50000	30 GeV e-	underbreakdown	AFE3	muon, DWC, ps	24.07.2017	Good Run
12329	200000	50 GeV e-	underbreakdown	AFE3	muon, DWC, ps	24.07.2017	Good Run
12330	181956	50 GeV e-	underbreakdown	AFE3	muon, DWC, ps	24.07.2017	Good Run
12331	200000	50 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	Good Run, siPM at 52.6V, 0.5V above breakdown
12332	100000	50 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	
12333	300000	40 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	
12334	300000	30 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	
12335	300000	20 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	
12337	113763	10 GeV e-	Ultra Low	AFE3	muon, DWC, ps	24.07.2017	MADA frozen at 96000 evts
12340	39459	10 GeV e-	Ultra Low	AFE3		24.07.2017	

					muon, DWC, ps		Wobbling changed during data taking (be careful!)
12342						24.07.2017	
12343						24.07.2017	
12346	18023	60 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	secondary beam at 180 GeV
12347	20266	80 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	
12348	20127	40 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	
12349	55420	100 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	
12350	200000	125 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	beam dominated by muons
12351	200000	125 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	same conditions
12352	428659	125 GeV e+	Intermediate	AFE3	muon, DWC, ps	24.07.2017	same conditions - last run with siPM

List of runs with PMT module:

Run Number	Num. Evt	Energy	Detectors	Date	Comments
12367	10000	40 GeV e+	muon, DWC, ps	25.07.2017	calibration in tower 2
12368	10000	40 GeV e+	muon, DWC, ps	25.07.2017	calibration in tower 1
12369	10000	40 GeV e+	muon, DWC, ps	25.07.2017	calibration in tower 4
12370	10000	40 GeV e+	muon, DWC, ps	25.07.2017	calibration in tower 3
12371	100000	40 GeV e+	muon, DWC, ps	25.07.2017	first run at center of module
12372	100000	100 GeV e+	muon, DWC, ps	25.07.2017	wrong energy in DAQ
12373	100000	100 GeV e+	muon, DWC, ps	25.07.2017	same config - now correctly written in DAQ
12374	100000	80 GeV e+	muon, DWC, ps	25.07.2017	
12375	10567	60 GeV e+	muon, DWC, ps	25.07.2017	no beam from cps
12376	62082	60 GeV e+	muon, DWC, ps	25.07.2017	
12377	100000	125 GeV e+	muon, DWC, ps	25.07.2017	
12378	100000	125 GeV e+	muon, DWC, ps	25.07.2017	
12379	100000	125 GeV e+	muon, DWC, ps	25.07.2017	
12380	100000	125 GeV e+	muon, DWC, ps	25.07.2017	
12381	100000	30 GeV e+	muon, DWC, ps	25.07.2017	
12382	100000	50 GeV e+	muon, DWC, ps	25.07.2017	
12383	100000	20 GeV e+	muon, DWC, ps	25.07.2017	
12384	33501	10 GeV e+	muon, DWC, ps	25.07.2017	

Detector informations

ADC4 (multigate)	0x0300
Readout Channel	Signal
ADC4-6	CET 3 (from run 11207 2015)
ADC4-7	CET 4 (from run 11207 2015)
ADC4-11	mu

TDC

TDC		used for DWC chambers
Readout Channel	Patch Panel	
TDC-0	DWC1-Left	(BC1)
TDC-1	DWC1-Right	(BC2)
TDC-2	DWC1-Up	(BC3)
TDC-3	DWC1-Down	(BC4)

Copper Module

ADC0-16	T11-S	M3-S1
ADC0-17	T11-C	M3-C1
ADC0-18	T12-S	M3-S2
ADC0-19	T12-C	M3-C2
ADC0-20	T06-S	M3-S3
ADC0-21	T06-C	M3-C3
ADC0-22	T05-S	M3-S4
ADC0-23	T05-C	M3-C4

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