

CNAO DOSE DELIVERY LOG

DD directory	NOTE	TARGET	DD log file	type	energy	#primaries	time	PRIMARY PARTICLE	DP run number	#events DP	#tracks reco	#tracks from target
20170725	empty		A170502_P_20170725_090727_B1	empty				PROTON				
		RANDO	Fix1_C_C_20170725_001815_QA	FIX (0,0)	151	999991234	30.6580	12C	82			
		RANDO	Fix1_C_C_20170725_002202_QA	FIX (0,0)	151	999991246	28.3661		83			
		RANDO	Fix1_C_C_20170725_002359_QA	FIX (0,0)	151	999991681	28.2129		84			
	bomba	RANDO	Fix1_C_C_20170725_002724_QA	FIX (0,0)	221	999981755	27.3088		85			
	bomba	RANDO	Fix1_C_C_20170725_003759_QA	FIX (0,0)	221	1000002121	27.1900		86			
		RANDO	Fix1_C_C_20170725_004120_QA	FIX (0,0)	221	999983480	27.0669		87			
		RANDO	Fix1_C_C_20170725_004341_QA	FIX (0,0)	280	999951209	26.7629		88			
		RANDO	Fix1_C_C_20170725_004610_QA	FIX (0,0)	280	999982953	26.4554		89			
		RANDO	Fix1_C_C_20170725_005207_QA	FIX (0,0)	280	1000004719	26.3676		90			
		RANDO	GenericSpt50_C_C_20170725_010915_QA	FIX (-30,-30)	151	899992110	26.9004		91			
		RANDO	GenericSpt50_C_C_20170725_011132_QA	FIX (-30,-30)	151	900008443	26.2219		92			
		RANDO	GenericSpt50_C_C_20170725_011343_QA	FIX (-30,-30)	151	899977502	26.2039		93			
		RANDO	GenericSpt100_C_C_20170725_011607_QA	FIX (-30,-30)	221	899985125	23.5827		94			
		RANDO	GenericSpt100_C_C_20170725_011828_QA	FIX (-30,-30)	221	900003631	23.1971		95			
		RANDO	GenericSpt100_C_C_20170725_012025_QA	FIX (-30,-30)	221	900001920	23.6113		96			
		RANDO	GenericSpt150_C_C_20170725_012243_QA	FIX (-30,-30)	280	900004249	22.4862		97			
		RANDO	GenericSpt150_C_C_20170725_012444_QA	FIX (-30,-30)	280	899948278	22.6623		98			
		RANDO	GenericSpt150_C_C_20170725_012635_QA	FIX (-30,-30)	280	899985321	22.3007		99			
		RANDO	SOBP(120-180)_C_20170725_013521_QA	SOBP	246 -> 312	7692497681			100			
		RANDO	SOBP(120-180)_C_20170725_014153_QA	SOBP	246 -> 312	7692479810			101			
	DP@60°	RANDO	Fix1_C_C_20170725_021448_QA	FIX (0,0)	151	999992934	30.8276		102			
	DP@60°	RANDO	Fix1_C_C_20170725_021657_QA	FIX (0,0)	151	999991239	30.8125		103			
	DP@60°	RANDO	Fix1_C_C_20170725_021906_QA	FIX (0,0)	221	999994176	27.4010		104	116690	112569	9.4e04
	DP@60°	RANDO	GenericSpt150_C_C_20170725_022220_QA	FIX (-30,-30)	280	899983140	22.4391		105			
	NR		Fix31_C_C_20170725_025045_QA	ENERGY SCAN (31)	115 -> 399	1549883179			?			
	NR		Fix30_P_P_20170725_025550_QA	ENERGY SCAN (30)	62 -> 227	30000047393		PROTON	?			
	NR		Grid101_P_P_20170725_033127_QA	Grid XY (-28.5,28.5)mm, STEP 3mm + GRID XY (-100,100)mm, STEP 100mm + A=(0,70) mm + B=(0,-70) mm	118	63998704992			?			
	NR		Paint130_C_C_20170725_034038_QA	GRID XY 29 x 29 mm ² , STEP 2mm	256	1800176767		12C	?			
	empty		Fix15_C_C_20170725_214911_QA	empty								
	empty		Fix15_C_C_20170725_215204_QA	empty								
	Missing run 106 (target Graphite)											
		SCINT	GenericSpt30_C_C_20170725_221152_QA	FIX (-50,0)	115	14999747483	674.347		107			
		SCINT	GenericSpt50_C_C_20170725_222604_QA	FIX (-50,0)	151	14999983138	516.680		108			
		SCINT	GenericSpt100_C_C_20170725_223647_QA	FIX (-50,0)	221	9999966595	294.585		109			
		SCINT	GenericSpt150_C_C_20170725_224408_QA	FIX (-50,0)	280	9999839543	313.805		110			
		SCINT	GenericSpt220_C_C_20170725_225205_QA	FIX (-50,0)	352	9999952972	376.012		111			
		GRAPHITE	GenericSpt30_C_C_20170725_231917_QA	FIX (-50,0)	115	9999958507	439.609		112			
		GRAPHITE	GenericSpt50_C_C_20170725_232856_QA	FIX (-50,0)	151	9999884980	326.254		113			
		GRAPHITE	GenericSpt100_C_C_20170725_233638_QA	FIX (-50,0)	221	9999874194	291.110		114			
		GRAPHITE	GenericSpt150_C_C_20170725_234457_QA	FIX (-50,0)	280	9999995379	290.231		115			
		GRAPHITE	GenericSpt220_C_C_20170725_235158_QA	FIX (-50,0)	352	9999966159	480.129		116			
20170726	one of this two runs is not registered	PMMA	GenericSpt30_C_C_20170726_002138_QA	FIX (-50,0)	115	9999940551	500.354	12C	117 (?)			
		PMMA	GenericSpt30_C_C_20170726_003141_QA	FIX (-50,0)	115	9999917212	488.236		117 (?)			
	same run number but different run name (see energy)	PMMA	GenericSpt50_C_C_20170726_004150_QA	FIX (-50,0)	151	9999906489	354.094		118			
		PMMA	GenericSpt100_C_C_20170726_004934_QA	FIX (-50,0)	221	9999891450	327.045		118			
	NR		GenericSpt150_C_C_20170726_005638_QA	FIX (-50,0)	280	9999782769	339.896		?			
	NR		GenericSpt200_C_C_20170726_010413_QA	FIX (-50,0)	332	9999859537	572.876		?			
		RANDO	Fix10_C_C_20170726_022241_QA	FIX (0,0)	221	999995550	37.1701		119			
		RANDO	Fix10_C_C_20170726_022741_QA	FIX (0,0)	221	999971860	36.8769		120			
		RANDO	Fix10_C_C_20170726_023130_QA	FIX (0,0)	221	9999864909	325.274		121			
	empty		Fix10_C_C_20170726_023934_QA	FIX (0,0)	-	0	-					
	PHANTOM		Fix10_C_C_20170726_031555_QA	ENERGY SCAN (2)	221 -> 280	3999934080	127.266		122			