



Run List Status

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Outline

□ Overview

- Current Status
- Color Code

□ Things to Remove

- Non Standard Runs
- Special Case Items
- Most of these will be put into another separate list

□ Criteria for selection

- What's good and bad?
- Peter's list

□ Next Steps

- asdf

Current Status

Overview

- New spreadsheet
- Separated by Kinematic

<https://docs.google.com/spreadsheets/d/1AD6YolCDqJKk9PPtwKmw4av6W1dG-mucDaB0na7HHA0/edit?usp=sharing>

Color Coding

- White cells are LH2, yellow are LD2, green are dummy, blue are optics, pink are special runs such as LED, red are non-standard request/test runs, and magenta are the runs that were conducted during our kinematic sweeps at the end of the run.

Kinematic	day	run	Type	SHMS angle	lbeam (uA)	charge (mC)	# events	duration (min)	target	prescale	
KinC_x50_2	10-03	1572		36.88		18	8.99	1564981	LH2	ps5=0	
		1573	junk	36.88					LH2	ps5=0	
		1574		36.88		28	49.79	7597462	30	LH2	ps5=0
		1575		36.88		19	24.45	4109823	21	LH2	ps5=0
		1576		36.88		20	31.59	3464807	28	LH2	ps5=0
		1577		36.88		20	30.82	1883667	29	LH2	ps5=0
		1578		36.88		19	66.37	4081085	59	LH2	ps5=0
		1579		36.88		19	29.46	1570531	29	dummy	ps5=0
		1580		36.88		17	18.1	7264678	17	LD2	ps5=0
		1581	junk	36.88						LD2	ps5=0
		1582		36.88		10	10.05	7342543	19	LD2	ps5=0
		1583		36.88		15		4333615	18	LD2	ps5=0
		1584		36.88		15		13591086	55	LD2	ps0=0
		1585	efficiency	36.88		20		4370909	34	LD2	ps3=5
		1586	junk	36.88						LD2	
		1587	junk	36.88						LD2	
		1588	efficiency	36.88		30		1536606	28	LH2	ps3=4
		1589		36.88		30		6931773	55	LH2	ps0=0
		1590		36.88		23	6.66	5158019	9	LH2	ps0=0
1591		36.88		30			65	LH2	ps0=0		
1592	junk	36.88						LH2			
1593	efficiency	36.88		19	18.44	1177009	23	LH2	ps3=4		
1594	efficiency	36.88		19	19.78	1261737	19	LH2	ps3=4		
1595		36.88		26	51.66	4277011	33	dummy	ps0=0		
1596		36.88		14	19.68	6439948	33	LD2	ps0=0		
1597		36.88		13	36.23	12165745	58	LD2	ps0=0		
1598		36.88		14	45.8	15128845	63	LD2	ps0=0		
1599		36.88		15		3820866	60	LD2	ps0=0		
1600		36.88		15			60	LD2	ps0=0		
1601-1609		junk	36.88					LD2	ps0=0		
1610		efficiency	36.88		14	19.9	6323301	29	LD2	ps3=5	
1611		junk	36.88					LD2	ps0=0		
1612		36.88		14	1.19	211210	2	LD2	ps0=0		
1613		36.88		14	40.79	5524224	66	LD2	ps0=0		
1614		junk	36.88					LD2	ps0=0		
1615		junk	36.88					LD2	ps0=0		
1616		36.88		14	19.72	3254024	29	LD2	ps0=0		
1617		efficiency	36.88		14	24.66	3151916	33	LD2	ps3=5	
1618		36.88		28	70.49	2533584	52	LH2	ps0=0		
1619		36.88		28	46.65	2095368	31	LH2	ps0=0		
1620		36.88		28	91.5	3161728	58	LH2	ps0=0		
1621		efficiency	36.88		27	41.5	1461707	32	LH2	ps3=4	

Things to Remove

□ Extraneous Runs

- Optics,
- LED
- Positron
- DIS
- Etc.

□ Non Production Runs

- Fan Speed Tests
- Trigger Tests

□ Moving them to another “kinematic” of their own

- This will allow for further analysis with less cluttered lists.

Criterion for selection Good/Bad

□ Basic Identifiers First

- Short runs, usually do to CODA glitching or wrong prescale factor etc.
- Run time or event count criteria for selection.
- Multiple triggers on one run.
- Significant known issues.

□ Indeterminate category

- This is a catch all category for any runs that have uncertain status for now.
- As we go forward this category will expand and shrink as we learn more.

□ Peter's List

- Peters list of good runs (and runs he's excluded) are primarily determined by scaler event counts.
- Bob Michaels is working on this to see if some of them can be recovered.

Next Steps.

□ Updating the current list

- Cleaning the unnecessary runs.
- We will use a green, yellow, red labeling scheme to mark runs that are good, indeterminate, bad.

□ Improve on the indeterminate category

- Iterating on the primary list adding and removing as necessary,
- Mike Nycz is working on tabulating epic values that can be used to identify outlier cases or diagnostic items.

□ “Source of Truth”

- As we proceeded forward we recommend that critical items also include the source that they were determined from such as the camera angles etc.