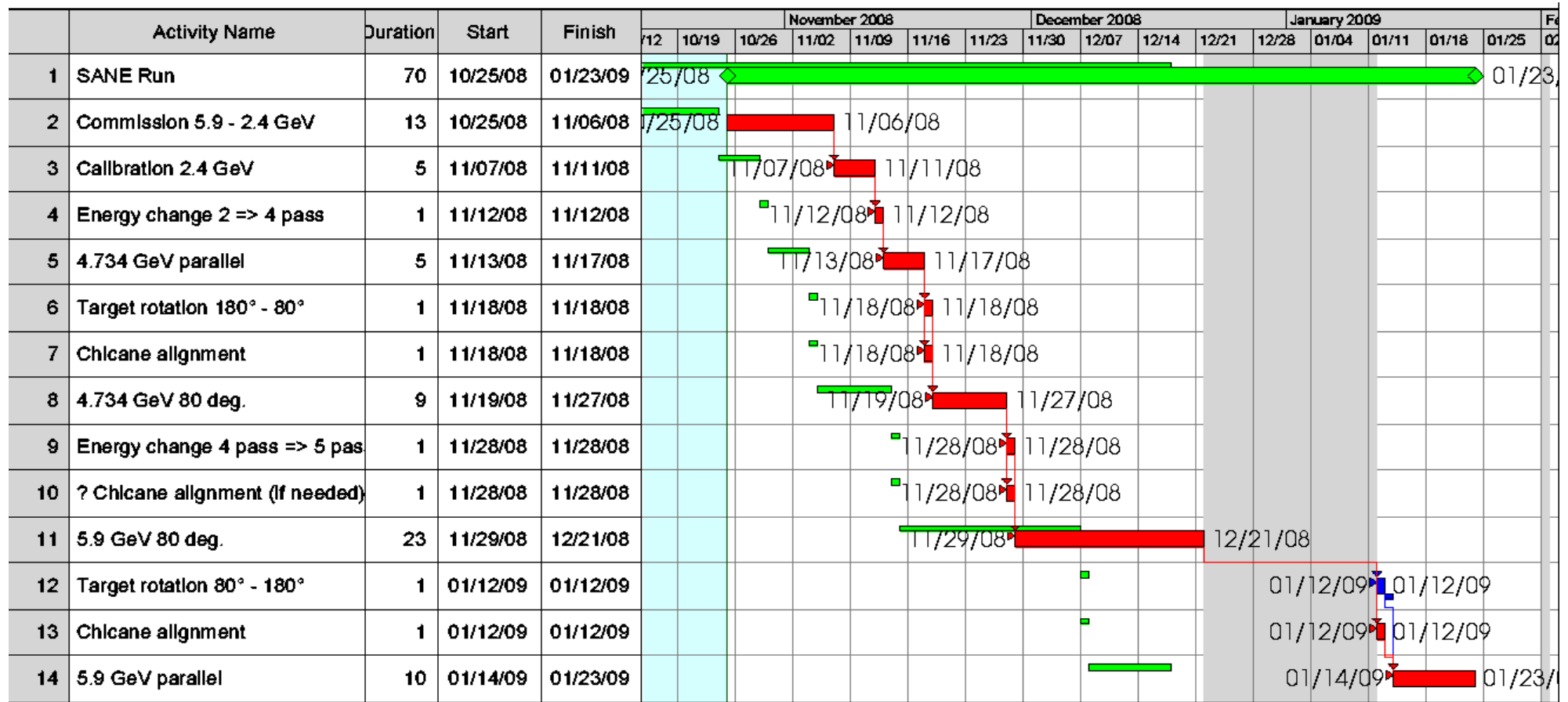


Run Plan as Scheduled



	Calibration			Data				Moller		C runs		Commiss.	
	B OFF	0°	180°	4.7	4.7 80°	5.9 80°	5.9	180°	80°	180°	80°	5-p	2p
Run plan calendar days	1	2	2	5	9	23	10					11	2
Run plan PAC hours	12	24	24	60	108	276	120					132	24
Proposal hours	12	24	24	70	130	200	100	7	14	7	13	144	
Proposal data + systematics				76	141	216	108	4	8	4	8		
Efficiency (proposal+syst.)/run plan (relative to 50%)				1.26	1.30	0.78	0.90						

Run Plan Requested

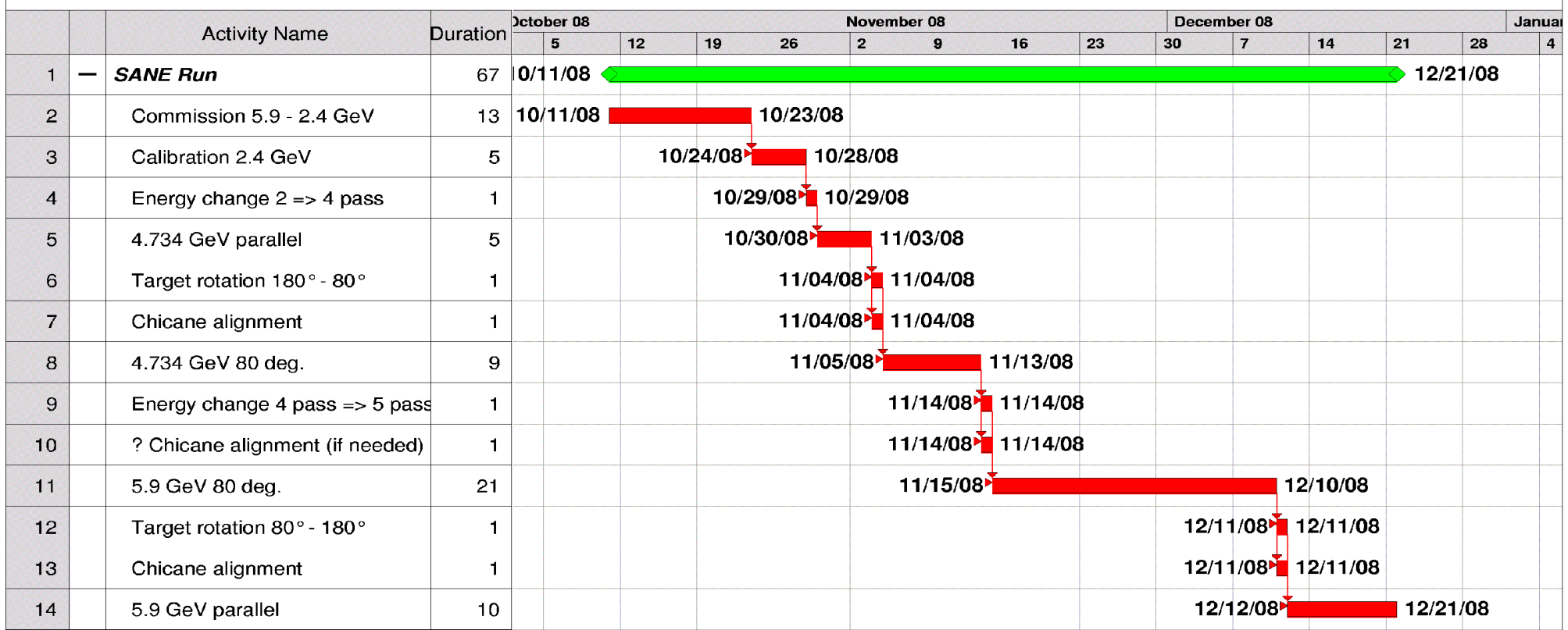
?	Activity Name	Duration	Start	Finish	November 2008							December 2008				January 2009				Feb	
					10/12	10/19	10/26	11/02	11/09	11/16	11/23	11/30	12/07	12/14	12/21	12/28	01/04	01/11	01/18		01/25
1	SANE Run	70	10/25/08	01/23/09	10/25/08																
2	Commission/Calibration 2.4 GeV	5	10/25/08	10/29/08	10/25/08																
3	Commission 4.7 GeV	4	10/30/08	11/02/08	10/30/08																
4	4.734 GeV parallel	7	11/03/08	11/09/08	11/03/08																
5	Target rotation 180° - 80°	1	11/10/08	11/10/08	11/10/08																
6	Chicane alignment	1	11/10/08	11/10/08	11/10/08																
7	Commission 80°	6	11/11/08	11/16/08	11/11/08																
8	4.734 GeV 80°	11	11/17/08	11/27/08	11/17/08																
9	Chicane alignment	1	11/28/08	11/28/08	11/28/08																
10	Energy change 4 pass => 5 pass	1	11/28/08	11/28/08	11/28/08																
11	5.9 GeV 80°	23	11/29/08	12/21/08	11/29/08																
12	Target rotation 80° - 180°	1	01/12/09	01/12/09	01/12/09																
13	Chicane alignment	1	01/13/09	01/13/09	01/13/09																
14	5.9 GeV parallel	10	01/14/09	01/23/09	01/14/09																

	Calibration			Data				Moller		C runs		Commiss.	
	B OFF	0°	180°	4.7	4.7 80°	5.9 80°	5.9	180°	80°	180°	80°	4-p	2p
Run plan calendar days	1	2	2	7	11	23	10					10	0
Run plan PAC hours	12	24	24	84	132	276	120					120	0
Proposal hours	12	24	24	70	130	200	100	7	14	7	13	144	
Proposal data + systematics				76	141	216	108	4	8	4	8		
Efficiency (proposal+syst.)/run plan (relative to 50%)				0.90	1.07	0.78	0.90						

Run Plan and Target Materials

- Plans for irradiation of new target material
 - Cool down at UVA in August to select existing and possible newly NIST-irradiated material for run: we need a minimum of 4 cup loads that polarize to $> 85\%$ in the lab in < 1 hr.
 - Assuming we need additional material, plan to use up to 12 h of beam at 1000 nA, during commissioning or calibration to irradiate, followed by an anneal and TE to measure polarization
 - 12 h irradiation at 1000 nA would deliver a very uniform dose of $\sim 2.7 \times 10^{17}$ electrons/ 3.6 cm^2 raster area
 - we could use the calibrations at $1 \mu\text{A}$ to irradiate even more material. The run plan includes 120 h of $1 \mu\text{A}$ calibration beam, so we could irradiate two full inserts to $\sim 10^{17} / \text{cm}^2$. The BETA PMT's would be off.
 - another option is 90 h irradiation at 150 nA during BETA's commissioning to allow operation of the PMT's at reasonable rates.

Run Plan before Delay



Energy - field angle	Calibration			Data				Moller		C runs		Commiss.	
	B OFF	0°	180°	4.7	4.7 80°	5.9 80°	5.9	180°	80°	180°	80°	5-p	2p
Run plan calendar days	1	2	2	5	9	21	10					11	2
Run plan PAC hours	12	24	24	60	108	252	120					132	24
Proposal hours	12	24	24	70	130	200	100	7	14	7	13	144	
Proposal data + systematics				76	141	216	108	4	8	4	8		
Efficiency (proposal+syst.)/run plan (relative to 50%)				1.26	1.30	0.86	0.90						