

SANE

Q <sup>2</sup> range	<Q <sup>2</sup> >	Lowest W	BigCal Resolution	Highest x	d2 statistical error		
					Proposal	Extension	No extension 20 h 4.7 parallel
GeV <sup>2</sup>	GeV <sup>2</sup>	GeV	$\sigma\sqrt{E}$				
2.5 - 3.5	3.107	1.100	5.00%	0.713	3.6%	4.1%	4.4%
	3.107	1.350	6.63%	0.713	3.6%	4.1%	4.4%
	3.107	1.480	7.98%	0.713	3.6%	4.1%	4.4%
3.5 - 4.5	4.069	1.100	5.00%	0.929	2.4%	2.7%	2.8%
	3.998	1.350	6.63%	0.825	2.5%	2.8%	3.0%
	3.951	1.480	7.98%	0.776	2.8%	3.2%	3.3%
4.5 - 5.5	4.890	1.100	5.00%	0.940	3.4%	3.9%	4.0%
	5.014	1.350	6.63%	0.842	3.6%	4.0%	4.2%
	5.000	1.480	7.98%	0.796	3.8%	4.3%	4.4%
5.5 - 6.5	5.912	1.100	5.00%	0.909	6.7%	7.6%	7.9%
	5.922	1.350	6.63%	0.879	7.6%	8.6%	8.9%
	5.928	1.480	7.98%	0.837	7.8%	8.8%	9.1%

	Energy	t [h]	t [h]
Proposal	4.7	130	70
	5.9	200	100
Requested	4.7	105	40
	5.9	155	80
No extension	4.7	105	20
	5.9	155	50
Target field alignment		-80°	180°

Time at -80° is fixed

SANE Run Plan 2009

Setup	Start	End	2009 days	2009 PAC hours	FOM P <sup>2</sup> beam*Eff/0.5	2009 FOM PAC hours	Proposal PAC hours	2009 FOM/Proposal
4.7 GeV - 80° *	01/30/09	02/08/09	8	55	0.54	55	130	42%
5.9 GeV – 80°	02/09/09	02/16/09	8	69	0.72	69	200	35%
5.9 GeV - 80° **	02/17/09	02/25/09	9	108	0.72	77	200	73%
4.7 GeV - 80° #	02/27/09	03/02/09	4	48	1.08	52	130	82%
5.9 GeV - parallel***	03/04/09	03/12/09	9	108	0.72	77	100	77%
4.7 GeV - parallel	03/13/09	03/15/09	3	36	1.08	39	70	55%
			41	424		369	500	74%
* Commissioning	Mon, Jan 26, 09	1/29/09	4	Efficiency =	0.4			
** Chicane alignment 4.7 => 5.9	Mon, Feb 9, 09		1	(PAC eff. = 0.5)				
# Chicane alignment 5.9 => 4.7	Thu, Feb 26, 09		1					
*** Target rotation, beam line setup	Tue, Mar 3, 09	03/03/09	1					

Alternate SANE Run Plan 2009

Setup	Start	End	2009 days	2009 PAC hours	FOM P <sup>2</sup> beam*Eff/.5	2009 FOM PAC hours	Proposal PAC hours	2009 FOM/Proposal
4.7 GeV - 80° *	01/30/09	02/08/09	8	55	0.54	55	130	42%
5.9 GeV – 80°	02/09/09	02/16/09	8	69	0.72	69	200	35%
5.9 GeV - 80° **	02/17/09	02/25/09	9	108	0.72	77	200	73%
4.7 GeV - 80° #	02/27/09	03/02/09	4	48	1.08	52	130	82%
5.9 GeV - parallel***	03/04/09	03/09/09	6	70	0.72	50	100	50%
4.7 GeV - parallel	03/10/09	03/11/09	2	18	1.08	19	70	28%
			35	350		323	500	65%
* Commissioning	Mon, Jan 26, 09	1/29/09	4	Efficiency	0.4			
** Chicane alignment	Mon, Feb 9, 09		1					
# Chicane alignment 5.9 => 4.7	Thu, Feb 26, 09		1					
*** Target rotation, beam line setup	Tue, Mar 3, 09	03/03/09	1					

Completed in GREEN