

Run Summary 2003 K0, November–December

Run No.	Date	Start	End	Target	Thick.	Trig.	Pol.	#Events	Trig (cps)	Tag (kcps)	SR Cur (mA)	SR Life (hour)	Comment	Sum 151.7	Vert. (Mtriggers) 75.8	Horiz. (Mtriggers) 75.9
203 bunches – 4 bunches*7																
27401	11/29/03	7:35	8:16	0:41	LH2	150	#13	Vert	406402	193.4	621	66.10	23.3		406402	0
27402	11/29/03	8:19	9:01	0:42	LH2	150	#13	Horz	403937	187.9	557	65.24	29.0		0	403937
27403	11/29/03	9:03	9:47	0:44	LH2	150	#13	Vert	504133	230.4	666	63.94	29.4		504133	0
27404	11/29/03	10:09	10:49	0:40	LH2	150	#13	Horz	546079	277.3	814	98.21	20.2		0	546079
27405	11/29/03	10:53	11:26	0:33	LH2	150	#13	Vert	504333	324.6	877	94.67	20.4		504333	0
27406	11/29/03	11:30	12:11	0:41	LH2	150	#13	Horz	504477	249.2	695	91.96	21.4		0	504477
27407	11/29/03	12:15	12:47	0:32	LH2	150	#13	Vert	502826	338.8	899	88.86	21.8		502826	0
27408	11/29/03	12:50	13:30	0:40	LH2	150	#13	Horz	502625	255.1	704	86.72	22.2		0	502625
27409	11/29/03	13:31	14:05	0:34	LH2	150	#13	Vert	506044	329.4	840	84.10	23.1		506044	0
27410	11/29/03	14:08	14:48	0:40	LH2	150	#13	Vert	578655	306.0	821	81.62	23.8		578655	0
27411	11/29/03	14:52	15:26	0:34	LH2	150	#13	Vert	505669	307.2	786	79.37	24.0		505669	0
27412	11/29/03	15:39	17:18	1:39	LH2	150	#13	Horz	383801	68.6	645	76.44	25.3	Mult.>=2 trigger for a test	0	383801
27413	11/29/03	17:42	18:18	0:36	LH2	150	#13	Horz	405246	220.8	604	71.07	27.9	magnet 600A->0A, DC2 HV 2750->2800	0	405246
27414	11/29/03	18:20	18:56	0:36	LH2	150	#13	Horz	509119	297.0	698	69.60	28.3	magnet current 600A -> 0A	0	509119
27415	11/29/03	20:44	21:34	0:50	LH2	150	#13	Vert	399527	127.6	533	64.15	30.6	magnet current 0A -> 600A	399527	0
27416	11/29/03	21:47	22:36	0:49	LH2	150	#13	Horz	334260	125.9	642	62.19	31.6	magnet current 0A -> 600A	0	334260
27417	11/29/03			0:00	LH2	150	#13							junk	0	0
27418	11/29/03	22:56	23:45	0:49	LH2	150	#13	Horz	415033	165.6	770	94.19	20.9		0	415033
27419	11/29/03	23:56	0:33	0:37	LH2	150	#13	Vert	401557	210.3	793	91.24	21.7		401557	0
27420	11/30/03	0:47	1:47	1:00	LH2	150	#13	Horz	501977	158.7	715	87.82	22.4		0	501977
27421	11/30/03	1:49	2:51	1:02	LH2	150	#13	Horz	503273	149.1	695	83.59	23.8		0	503273
27422	11/30/03	2:53	3:47	0:54	LH2	150	#13	Vert	501253	183.1	769	80.26	24.8		501253	0
27423	11/30/03	3:48	4:47	0:59	LH2	150	#13	Vert	500951	161.2	632	77.41	25.6		500951	0
27424	11/30/03			0:00	LH2	150	#13	Horz						junk	0	0
27425	11/30/03	5:31	6:49	1:18	LH2	150	#13	Horz	500801	117.4	580	72.54	27.7		0	500801
27426	11/30/03	6:51	8:08	1:17	LH2	150	#13	Horz	513366	120.1	588	69.38	28.7		0	513366
27427	11/30/03	8:12	9:16	1:04	LH2	150	#13	Vert	501611	148.5	583	66.23	29.5		501611	0
27428	11/30/03	9:19	9:57	0:38	LH2	150	#13	Vert	265835	130.3	397	63.83	31.3		265835	0
27429	11/30/03	10:05	11:05	1:00	LH2	150	#13	Horz	501697	158.7	672	95.89	21.0		0	501697
27430	11/30/03	11:06	12:07	1:01	LH2	150	#13	Horz	501455	155.2	920	91.42	21.7		0	501455
27431	11/30/03	12:13	13:03	0:50	LH2	150	#13	Vert	502598	194.7	738	86.94	22.5		502598	0
27432	11/30/03	13:05	13:57	0:52	LH2	150	#13	Vert	502049	187.8	671	83.74	23.3		502049	0
27433	11/30/03	14:02	15:14	1:12	LH2	150	#13	Horz	501744	129.3	577	85.50	25.2		0	501744
27434	11/30/03	15:16	16:29	1:13	LH2	150	#13	Horz	501711	127.4	579	76.67	26.1		0	501711
27435	11/30/03	16:36	17:37	1:01	LH2	150	#13	Vert	501019	157.1	639	72.95	27.0		501019	0
27436	11/30/03	17:39	18:46	1:07	LH2	150	#13	Vert	501600	138.9	560	70.17	28.2		501600	0
27437	11/30/03	18:52	19:20	0:28	LH2	150	#13	Horz	156602	102.9	536	67.37	29.6		0	156602
27438	11/30/03	19:24	20:40	1:16	LH2	150	#13	Horz	376585	88.7	465	66.13	30.2		0	376585
27439	11/30/03	20:43	22:05	1:22	LH2	150	#13	Horz	419160	92.0	457	63.28	30.1	include data during top-up injection	0	419160
27440	11/30/03	22:13	23:04	0:51	LH2	150	#13	Vert	531762	202.1	908	98.25	20.0		531762	0
27441	11/30/03	23:07	23:54	0:47	LH2	150	#13	Vert	501347	207.2	907	93.84	20.1		501347	0
27442	12/1/03	23:59	1:07	1:08	LH2	150	#13	Horz	514602	141.9	655	90.04	21.2		0	514602
27443	12/1/03	1:10	2:21	1:11	LH2	150	#13	Horz	503134	133.5	634	85.30	22.8		0	503134
27444	12/1/03	2:25	3:35	1:10	LH2	150	#13	Horz	501975	133.5	680	80.79	24.0		0	501975
27445	12/1/03	3:37	4:49	1:12	LH2	150	#13	Horz	501988	129.7	653	76.94	24.9		0	501988
27446	12/1/03	4:52	5:50	0:58	LH2	150	#13	Vert	501451	163.4	632	73.32	26.1		501451	0

27546	12/7/03	5:46	6:34	0:48	LH2	150	#13	Vert	500360	204.1	692	77.51	40.2		500360	0
27547	12/7/03			0:00	LH2	150	#13	Vert						junk	0	0
27548	12/7/03			0:00	LH2	150	#13	Vert						junk	0	0
27549	12/7/03	6:48	7:36	0:48	LH2	150	#13	Vert	501017	201.9	657	75.51	41.1		501017	0
27550	12/7/03	7:37	8:29	0:52	LH2	150	#13	Vert	501200	187.2	672	74.07	41.5		501200	0
27551	12/7/03	8:30	9:26	0:56	LH2	150	#13	Vert	501270	171.4	707	72.54	42.0		501270	0
27552	12/7/03	9:27	9:56	0:29	LH2	150	#13	Vert	248925	167.0	697	70.91	42.5		248925	0
27553	12/7/03	10:03	10:56	0:53	LH2	150	#13	Horz	501956	179.5	740	97.58	33.4		0	501956
27554	12/7/03	10:57	11:50	0:53	LH2	150	#13	Horz	501355	182.0	725	94.94	33.1		0	501355
27555	12/7/03	11:51	12:47	0:56	LH2	150	#13	Horz	500862	173.7	709	92.45	34.1		0	500862
27556	12/7/03	12:48	13:45	0:57	LH2	150	#13	Horz	501308	169.5	728	89.93	34.6		0	501308
27557	12/7/03	13:46	14:43	0:57	LH2	150	#13	Horz	500949	166.8	708	87.49	35.7		0	500949
27558	12/7/03	14:44	15:43	0:59	LH2	150	#13	Horz	501063	161.5	680	85.14	35.4		0	501063
27559	12/7/03	15:44	16:43	0:59	LH2	150	#13	Horz	500960	161.4	649	82.89	38.2		0	500960
27560	12/7/03	16:45	17:36	0:51	LH2	150	#13	Vert	502803	191.8	760	80.70	37.8		502803	0
27561	12/7/03	17:37	18:27	0:50	LH2	150	#13	Vert	501297	196.6	743	78.85	37.6		501297	0
27562	12/7/03	18:28	19:22	0:54	LH2	150	#13	Vert	500847	182.4	730	77.10	38.6		500847	0
27563	12/7/03	19:23	20:19	0:56	LH2	150	#13	Vert	501115	169.2	700	75.35	39.5		501115	0
27564	12/7/03	20:20	21:16	0:56	LH2	150	#13	Vert	501503	167.5	706	73.59	40.6		501503	0
27565	12/7/03	21:18	21:56	0:38	LH2	150	#13	Vert	327251	167.1	697	71.83	40.8		327251	0
27566	12/7/03	22:03	22:57	0:54	LH2	150	#13	Horz	501551	174.2	712	95.09	32.7		0	501551
27567	12/7/03	22:58	23:53	0:55	LH2	150	#13	Horz	500641	173.2	695	92.65	33.3		0	500641
27568	12/7/03	23:54	0:52	0:58	LH2	150	#13	Horz	500805	165.8	719	90.10	33.9		0	500805
27569	12/8/03	0:53	1:04	0:11	LH2	150	#13	Horz	94420	157.8	706	87.57	34.8		0	94420
27570	12/8/03	1:05	2:04	0:59	LH2	150	#13	Horz	500462	162.7	699	87.02	35.1		0	500462
27571	12/8/03	2:05	3:05	1:00	LH2	150	#13	Horz	500306	158.2	681	84.61	35.6		0	500306
27572	12/8/03	3:06	4:07	1:01	LH2	150	#13	Horz	499981	155.4	661	82.29	36.7		0	499981
27573	12/8/03	4:08	5:10	1:02	LH2	150	#13	Horz	499978	151.9	635	80.03	36.7		0	499978
27574	12/8/03	5:12	6:03	0:51	LH2	150	#13	Vert	500261	194.0	711	77.82	38.1		500261	0
27575	12/8/03			0:00	LH2	150	#13	Vert						junk	0	0
27576	12/8/03	6:17	7:10	0:53	LH2	150	#13	Vert	500048	186.6	693	75.62	39.3		500048	0
27577	12/8/03	7:11	8:06	0:55	LH2	150	#13	Vert	525562	181.2	697	73.97	39.5		525562	0
27578	12/8/03	8:08	9:04	0:56	LH2	150	#13	Vert	500840	170.2	697	72.24	40.9		500840	0
27579	12/8/03	9:05	9:57	0:52	LH2	150	#13	Vert	440610	161.7	687	70.55	41.5		440610	0
27580	12/8/03	10:09	11:04	0:55	LH2	150	#13	Horz	510606	180.2	735	95.88	32.2	DC3 HV 2750->2800 Labview was freezed, target was liquid	0	510606
27581	12/8/03	11:04	11:57	0:53	LH2	150	#13	Horz	447283	163.0	710	93.18	33.1		0	447283
27582	12/8/03	12:07	13:06	0:59	LH2	150	#13	Horz	508262	161.8	715	90.23	35.7		0	508262
27583	12/8/03	13:07	14:11	1:04	LH2	150	#13	Horz	524683	154.9	695	87.48	33.1		0	524683
27584	12/8/03	14:12	15:14	1:02	LH2	150	#13	Horz	510299	158.0	686	84.82	35.5		0	510299
27585	12/8/03	15:14	16:16	1:02	LH2	150	#13	Horz	503342	153.4	661	82.42	37.0		0	503342
27586	12/8/03	16:17	17:22	1:05	LH2	150	#13	Horz	500807	146.2	650	80.16	37.6		0	500807
27587	12/8/03	17:23	18:17	0:54	LH2	150	#13	Vert	507792	181.8	734	77.90	38.8		507792	0
27588	12/8/03	18:18	19:13	0:55	LH2	150	#13	Vert	502665	174.5	729	76.13	40.2		502665	0
27589	12/8/03	19:13	20:11	0:58	LH2	150	#13	Vert	502056	166.8	709	74.36	38.5		502056	0
27590	12/8/03	20:13	21:07	0:54	LH2	150	#13	Vert	443593	154.8	696	72.45	39.2		443593	0
27591	12/8/03	0:00	21:56	21:56	LH2	150	#13	Vert	383965	148.9	676	70.83	40.0		383965	0
27592	12/8/03	22:03	23:00	0:57	LH2	150	#13	Horz	501137	165.3	727	94.68	31.8		0	501137
27593	12/8/03	23:01	23:57	0:56	LH2	150	#13	Horz	501109	172.6	681	91.87	31.9		0	501109
27594	12/8/03	23:57	0:54	0:57	LH2	150	#13	Horz	501439	170.6	687	89.26	32.9		0	501439
27595	12/9/03	0:54	1:54	1:00	LH2	150	#13	Horz	505030	163.7	654	86.73	33.6		0	505030
27596	12/9/03	1:54	2:54	1:00	LH2	150	#13	Horz	500160	160.0	671	84.23	34.4		0	500160

27597	12/9/03	2:55	3:56	1:01	LH2	150	#13	Horz	500057	154.7	649	81.73	35.3	0	500057
27598	12/9/03	4:02	4:54	0:52	LH2	150	#13	Vert	500369	185.8	735	77.32	35.9	500369	0
27599	12/9/03	4:54	5:49	0:55	LH2	150	#13	Vert	499975	175.0	730	77.42	36.5	499975	0
27600	12/9/03	5:50	6:48	0:58	LH2	150	#13	Vert	499950	163.6	708	75.54	37.2	499950	0
27601	12/9/03	6:48	7:47	0:59	LH2	150	#13	Vert	500166	159.2	691	73.59	38.5	500166	0
27602	12/9/03			0:00	LH2	150	#13	Vert						junk	0
27603	12/9/03			0:00	LH2	150	#13	Vert						junk	0
27604	12/9/03			0:00	LH2	150	#13	Vert						junk	0
27605	12/9/03	8:34	9:35	1:01	LH2	150	#13	Vert	500941	156.8	669	70.30	40.0	500941	0
27606	12/9/03	9:36	9:56	0:20	LH2	150	#13	Vert	152606	150.2	651	68.54	39.7	152606	0
27607	12/9/03	10:12	11:06	0:54	LH2	150	#13	Horz	501081	178.8	751	99.42	31.2	0	501081
27608	12/9/03	11:07	12:04	0:57	LH2	150	#13	Horz	507743	173.4	759	96.58	34.3	0	507743
27609	12/9/03	12:05	13:04	0:59	LH2	150	#13	Horz	500840	162.3	732	93.95	35.0	0	500840
27610	12/9/03	13:05	14:05	1:00	LH2	150	#13	Horz	500911	157.7	717	91.24	36.0	0	500911
27611	12/9/03	14:05	15:06	1:01	LH2	150	#13	Horz	499967	159.1	705	88.82	36.6	0	499967
27612	12/9/03	15:07	16:08	1:01	LH2	150	#13	Horz	500083	154.3	680	86.41	37.3	0	500083
27613	12/9/03	16:10	17:01	0:51	LH2	150	#13	Vert	502661	195.0	776	83.99	36.6	502661	0
27614	12/9/03	17:01	17:55	0:54	LH2	150	#13	Vert	500623	179.9	764	81.95	34.6	500623	0
27615	12/9/03	17:56	18:50	0:54	LH2	150	#13	Vert	500873	176.8	746	79.87	35.2	500873	0
27616	12/9/03	18:51	19:46	0:55	LH2	150	#13	Vert	500075	174.0	725	77.84	36.3	500075	0
27617	12/9/03	19:47	20:42	0:55	LH2	150	#13	Vert	500281	171.5	715	75.91	37.4	500281	0
27618	12/9/03	20:43	21:41	0:58	LH2	150	#13	Vert	499712	165.2	691	74.01	37.9	499712	0
27619	12/9/03	21:42	21:56	0:14	LH2	150	#13	Vert	113812	157.9	677	72.10	38.8	113812	0
27620	12/9/03	22:04	23:01	0:57	LH2	150	#13	Horz	500313	168.6	739	96.37	31.0	0	500313
27621	12/9/03	23:01	23:59	0:58	LH2	150	#13	Horz	500041	165.8	728	93.45	31.6	0	500041
27622	12/10/03	0:00	0:58	0:58	LH2	150	#13	Horz	506792	167.6	710	90.61	32.3	0	506792
27623	12/10/03	0:59	1:57	0:58	LH2	150	#13	Horz	498750	162.8	689	87.93	33.0	0	498750
27624	12/10/03	1:58	2:58	1:00	LH2	150	#13	Horz	500825	158.5	671	85.41	34.1	0	500825
27625	12/10/03	2:58	3:59	1:01	LH2	150	#13	Horz	499877	156.5	654	82.92	34.7	0	499877
27626	12/10/03	4:01	4:54	0:53	LH2	150	#13	Vert	514070	188.7	723	80.50	35.6	514070	0
27627	12/10/03	4:54	5:45	0:51	LH2	150	#13	Vert	501713	190.1	706	78.53	36.4	501713	0
27628	12/10/03	5:46	6:39	0:53	LH2	150	#13	Vert	499961	179.0	722	76.71	36.7	499961	0
27629	12/10/03	6:40	7:35	0:55	LH2	150	#13	Vert	500045	177.6	710	74.88	37.2	500045	0
27630	12/10/03	7:35	8:33	0:58	LH2	150	#13	Vert	458006	38.0	158	73.09	38.6	458006	0
27631	12/10/03			0:00	LH2	150	#13	Vert						junk	0
27632	12/10/03	9:09	9:56	0:47	LH2	150	#13	Vert	388800	162.2	671	70.18	39.8	388800	0
27633	12/10/03			0:00	LH2	150	#13	Horz						tagger trigger	0
27634	12/10/03			0:00	LH2	150	#13	Horz						tagger trigger	0
27635	12/10/03	10:17	11:16	0:59	LH2	150	#13	Horz	500985	160.1	706	92.08	33.7	0	500985
27636	12/10/03	11:17	12:17	1:00	LH2	150	#13	Horz	500903	159.1	701	89.45	34.4	0	500903
27637	12/10/03	12:18	12:45	0:27	LH2	150	#13	Horz	204600			86.88	35.3	0	0
27638	12/10/03	12:55	13:57	1:02	LH2	150	#13	Horz	500816	154.6	674	85.35	35.8	0	500816
27639	12/10/03	13:58	15:01	1:03	LH2	150	#13	Horz	501181	148.2	649	82.95	36.6	0	501181
27640	12/10/03	15:02	16:07	1:05	LH2	150	#13	Horz	501065	144.9	632	80.59	38.4	0	501065
27641	12/10/03	16:09	17:03	0:54	LH2	150	#13	Vert	502548	180.1	713	78.25	37.9	502548	0
27642	12/10/03	17:05	18:00	0:55	LH2	150	#13	Vert	501118	159.2	638	76.30	38.5	501118	0
27643	12/10/03	18:01	18:58	0:57	LH2	150	#13	Vert	503083	172.9	693	74.60	39.3	503083	0
27644	12/10/03	19:00	19:58	0:58	LH2	150	#13	Vert	501550	165.6	678	72.76	40.3	501550	0
27645	12/10/03	20:00	21:00	1:00	LH2	150	#13	Vert	501318	159.8	665	71.01	41.0	501318	0
27646	12/10/03	21:01	21:56	0:55	LH2	150	#13	Vert	437724	150.7	652	69.26	41.0	437724	0
27647	12/10/03	22:04	23:08	1:04	LH2	150	#13	Horz	501147	146.7	634	97.31	31.4	0	501147

27648	12/10/03	23:10	0:13	1:03	LH2	150	#13	Horz	501392	150.9	691	93.50	32.1	0	501392
27649	12/10/03	0:16	1:17	1:01	LH2	150	#13	Horz	500401	151.9	694	90.89	33.2	0	500401
27650	12/11/03	1:18	2:20	1:02	LH2	150	#13	Horz	500010	154.2	679	88.13	34.1	0	500010
27651	12/11/03	2:21	3:23	1:02	LH2	150	#13	Horz	500579	149.7	664	85.65	33.9	0	500579
27652	12/11/03	3:24	4:27	1:03	LH2	150	#13	Horz	490033	148.1	643	82.88	35.5	0	490033
27653	12/11/03	4:32	5:24	0:52	LH2	150	#13	Vert	500186	183.3	712	80.34	35.9	500186	0
27654	12/11/03	5:24	6:20	0:56	LH2	150	#13	Vert	500161	175.0	717	78.39	36.9	500161	0
27655	12/11/03	6:21	7:20	0:59	LH2	150	#13	Vert	500415	160.1	696	76.38	37.6	500415	0
27656	12/11/03	7:21	8:18	0:57	LH2	150	#13	Vert	500032	168.4	690	74.44	38.3	500032	0
27657	12/11/03	8:18	9:16	0:58	LH2	150	#13	Vert	499380	167.5	680	72.67	39.0	499380	0
27658	12/11/03	9:16	9:56	0:40	LH2	150	#13	Vert	339977	157.4	667	70.91	41.3	339977	0
27659	12/11/03	10:04	11:01	0:57	LH2	150	#13	Horz	501540	169.8	723	96.73	31.9	0	501540
27660	12/11/03	11:02	11:58	0:56	LH2	150	#13	Horz	500655	170.5	715	93.93	32.5	0	500655
27661	12/11/03	11:59	12:56	0:57	LH2	150	#13	Horz	522880	179.8	731	91.19	35.2	0	522880
27662	12/11/03	12:57	13:52	0:55	LH2	150	#13	Horz	501427	177.0	719	88.73	35.1	0	501427
27663	12/11/03	13:53	14:49	0:56	LH2	150	#13	Horz	504756	171.4	701	86.54	37.9	0	504756
27664	12/11/03			0:00	LH2	150	#13							0	0
27665	12/11/03	15:03	15:51	0:48	LH2	150	#13	Vert	504651	206.1	775	83.95	38.1	504651	0
27666	12/11/03	15:52	16:40	0:48	LH2	150	#13	Vert	501626	202.7	762	82.22	39.4	501626	0
27667	12/11/03	16:42	17:33	0:51	LH2	150	#13	Vert	504930	193.8	767	80.42	39.8	504930	0
27668	12/11/03	17:35	18:19	0:44	LH2	150	#13	Vert	445162	196.7	741	78.70	40.3	445162	0
27669	12/11/03	18:22	19:13	0:51	LH2	150	#13	Vert	496235	189.1	725	77.20	40.7	496235	0
27670	12/11/03	19:14	20:07	0:53	LH2	150	#13	Vert	496971	181.4	713	75.56	40.7	496971	0
27671	12/11/03	20:08	21:03	0:55	LH2	150	#13	Vert	496962	173.7	706	73.93	41.5	496962	0
27672	12/11/03	21:04	21:58	0:54	LH2	150	#13	Vert	460295	165.1	693	72.21	42.2	460295	0
27673	12/11/03			0:00	LH2	150	#13	Horz	1940					0	1940
27674	12/11/03	22:04	23:01	0:57	LH2	150	#13	Horz	496938	169.9	748	98.30	33.1	0	496938
27675	12/11/03	23:02	23:58	0:56	LH2	150	#13	Horz	496006	168.5	747	95.66	34.1	0	496006
27676	12/11/03	23:58	0:55	0:57	LH2	150	#13	Horz	496315	166.4	738	93.11	35.2	0	496315
27677	12/12/03	0:56	1:53	0:57	LH2	150	#13	Horz	497552	165.0	722	90.58	36.0	0	497552
27678	12/12/03	1:55	2:52	0:57	LH2	150	#13	Horz	499919	166.9	701	88.28	36.6	0	499919
27679	12/12/03	2:53	3:52	0:59	LH2	150	#13	Horz	500121	158.9	683	86.01	37.1	0	500121
27680	12/12/03	3:53	4:41	0:48	LH2	150	#13	Vert	500135	205.3	779	83.79	39.3	500135	0
27681	12/12/03	4:42	5:30	0:48	LH2	150	#13	Vert	501021	204.2	751	82.70	39.1	501021	0
27682	12/12/03	5:31	6:28	0:57	LH2	150	#13	Vert	548758	183.8	755	80.40	39.4	548758	0
27683	12/12/03	6:29	7:26	0:57	LH2	150	#13	Vert	526828	176.2	742	78.47	40.5	526828	0
27684	12/12/03	7:27	8:23	0:56	LH2	150	#13	Vert	499866	172.2	729	76.64	41.0	499866	0
27685	12/12/03	8:23	9:07	0:44	LH2	150	#13	Vert	403713	181.0	720	74.53	41.9	403713	0
27686	12/12/03	10:13	11:07	0:54	LH2	150	#13	Horz	500425	178.9	754	99.72	-39.6	0	500425
27687	12/12/03	11:08	12:01	0:53	LH2	150	#13	Horz	500398	178.4	763	97.44	34.6	0	500398
27688	12/12/03	12:02	12:58	0:56	LH2	150	#13	Horz	526347	180.1	747	94.98	35.1	0	526347
27689	12/12/03	12:59	13:53	0:54	LH2	150	#13	Horz	500417	180.1	740	92.44	36.4	0	500417
27690	12/12/03			0:00	LH2	150	#13	Horz						0	0
27691	12/12/03	14:34	15:29	0:55	LH2	150	#13	Horz	500108	175.8	706	88.57	37.4	0	500108
27692	12/12/03	15:30	16:25	0:55	LH2	150	#13	Horz	500485	175.0	675	86.44	38.8	0	500485
27693	12/12/03	16:26	17:04	0:38	LH2	150	#13	Vert	406804	209.0	753	84.37	39.8	406804	0
27694	12/12/03	17:06	17:53	0:47	LH2	150	#13	Vert	500411	212.2	770	82.92	39.1	500411	0
27695	12/12/03	17:53	18:40	0:47	LH2	150	#13	Vert	500173	211.8	723	81.37	40.1	500173	0
27696	12/12/03	18:41	19:32	0:51	LH2	150	#13	Vert	499412	189.5	746	79.79	40.9	499412	0
27697	12/12/03	19:33	20:26	0:53	LH2	150	#13	Vert	496909	181.1	736	78.00	41.1	496909	0
27698	12/12/03	20:26	21:21	0:55	LH2	150	#13	Vert	498806	175.8	715	76.44	41.6	498806	0

Junk

include data during top-up injection

magnet 600A -> 800A

junk (runnumber is wrong in data)

runnumber is wrong in data

27699	12/12/03	21:22	21:56	0:34	LH2	150	#13	Vert	295642	170.1	695	74.81	42.4	295642	0
27700	12/12/03	22:06	22:57	0:51	LH2	150	#13	Horz	499952	191.0	746	97.14	34.6	0	499952
27701	12/12/03	22:58	23:51	0:53	LH2	150	#13	Horz	500315	181.5	749	94.77	35.6	0	500315
27702	12/12/03	23:52	0:47	0:55	LH2	150	#13	Horz	499362	177.8	733	92.39	36.2	0	499362
27703	12/13/03	0:49	1:44	0:55	LH2	150	#13	Horz	500702	175.3	716	90.07	37.2	0	500702
27704	12/13/03	1:45	2:33	0:48	LH2	150	#13	Horz	420662	107.22	435.0	87.80	37.1	0	420662
27705	12/13/03	3:53	4:47	0:54	LH2	150	#13	Horz	500784	176.7	706	96.39	35.7	0	500784
27706	12/13/03	4:51	5:37	0:46	LH2	150	#13	Vert	500369	215.7	852	93.85	35.7	500369	0
27707	12/13/03	5:38	6:25	0:47	LH2	150	#13	Vert	500727	209.7	835	91.86	35.6	500727	0
27708	12/13/03	6:26	7:13	0:47	LH2	150	#13	Vert	500547	210.9	841	89.82	34.7	500547	0
27709	12/13/03	7:13	8:00	0:47	LH2	150	#13	Vert	500567	209.0	828	87.86	36.9	500567	0
27710	12/13/03	8:01	8:50	0:49	LH2	150	#13	Vert	499662	200.1	809	86.01	37.6	499662	0
27711	12/13/03	8:51	9:55	1:04	LH2	150	#13	Vert	637547	195.6	788	84.17	38.4	637547	0
27712	12/13/03	10:08	10:36	0:28	LH2	150	#13	Vert	273957	196.6	768	81.23	39.1	273957	0
27713	12/13/03	10:43	11:41	0:58	LH2	150	#13	Horz	527653	179.8	728	94.23	35.1	0	527653
27714	12/13/03	11:42	12:30	0:48	LH2	150	#13	Horz	437890	125.9	495	91.76	35.5	0	437890
27715	12/13/03	13:28	14:35	1:07	LH2	150	#13	Horz	575749	161.0	680	95.91	34.4	0	575749
27716	12/13/03	14:49	15:44	0:55	LH2	150	#13	Horz	500660	177.9	706	93.34	35.7	0	500660
27717	12/13/03	15:45	16:39	0:54	LH2	150	#13	Horz	499675	180.9	704	90.44	37.1	0	499675
27718	12/13/03	16:41	17:26	0:45	LH2	150	#13	Vert	501369	219.3	811	88.21	37.7	501369	0
27719	12/13/03	17:28	17:55	0:27	LH2	150	#13	Vert	303670	221.5	770	86.40	38.4	303670	0
27720	12/13/03	17:57	18:46	0:49	LH2	150	#13	Vert	500032	201.2	787	85.33	38.2	500032	0
27721	12/13/03	18:46	19:36	0:50	LH2	150	#13	Vert	500754	195.9	777	83.53	38.6	500754	0
27722	12/13/03	19:37	20:28	0:51	LH2	150	#13	Vert	501135	187.5	760	81.77	40.4	501135	0
27723	12/13/03	20:29	21:21	0:52	LH2	150	#13	Vert	500819	182.3	752	80.03	40.9	500819	0
27724	12/13/03	21:22	21:55	0:33	LH2	150	#13	Vert	300685	177.2	738	78.30	40.7	300685	0
27725	12/13/03	22:03	22:59	0:56	LH2	150	#13	Horz	499270	169.4	747	98.97	34.0	0	499270
27726	12/13/03	23:00	23:55	0:55	LH2	150	#13	Horz	500377	175.2	751	96.38	34.9	0	500377
27727	12/13/03	23:56	0:50	0:54	LH2	150	#13	Horz	500483	177.2	739	93.87	35.0	0	500483
27728	12/14/03	0:51	1:46	0:55	LH2	150	#13	Horz	500957	174.4	722	91.48	36.4	0	500957
27729	12/14/03	1:47	2:43	0:56	LH2	150	#13	Horz	500299	173.0	703	89.16	36.7	0	500299
27730	12/14/03	2:44	3:41	0:57	LH2	150	#13	Horz	500075	169.1	688	86.93	38.0	0	500075
27731	12/14/03	3:41	4:39	0:58	LH2	150	#13	Horz	500226	164.6	670	84.79	38.5	0	500226
27732	12/14/03	4:43	5:33	0:50	LH2	150	#13	Vert	500192	193.4	755	82.59	38.8	500192	0
27733	12/14/03	5:34	6:23	0:49	LH2	150	#13	Vert	500253	197.7	753	80.84	39.3	500253	0
27734	12/14/03	6:24	7:13	0:49	LH2	150	#13	Vert	500348	197.0	713	79.18	41.2	500348	0
27735	12/14/03	7:14	8:05	0:51	LH2	150	#13	Vert	500095	191.1	721	77.59	42.1	500095	0
27736	12/14/03	8:05	8:58	0:53	LH2	150	#13	Vert	500257	186.6	720	76.01	42.0	500257	0
27737	12/14/03	8:58	9:56	0:58	LH2	150	#13	Horz	424011	139.1	559	74.43	43.1	0	424011

beam current -> 0mA