

Sheet1

file	target			start time	dE	E	CLOCK	COIN	DAQcount	FC		
run0045	CH2	34.9 deg	d 12 MeV	11/13/07 09:05:00 PM	1698266	13259	83446	137259	136245	4238 ladder	310 deg	collimator 9.9mm
run0046	CH2	34.9 deg	d 12 MeV	11/13/07 09:27:00 PM	109376	8726	5399	8726	8670	268 ladder	310 deg	collimator 9.9mm
run0047	CH2	40 deg	d 12 MeV	11/13/07 09:34:00 PM	1300967	104083	65686	104083	103389	3198 ladder	310 deg	collimator 9.9mm
run0048	CH2	45 deg	d 12 MeV	11/13/07 09:48:00 PM	713181	47378	38950	47378	47081	1343 ladder	310 deg	collimator 9.9mm
run0049	CH2	50 deg	d 12 MeV	11/13/07 10:01:00 PM	3592705	436734	123175	436734	430203	11933 ladder	310 deg	collimator 9.9mm
run0050	CH2	55 deg	d 12 MeV	11/13/07 10:25:00 PM	2995382	351069	95443	351069	345605	9994 ladder	310 deg	collimator 9.9mm
run0051	CH2	60 deg	d 12 MeV	11/13/07 10:45:00 PM	3956928	251293	134147	251293	249346	12737 ladder	310 deg	collimator 9.9mm
run0053	CH2	120 deg	d 12 MeV	11/13/07 11:15:00 PM	2557834	164117	114394	164117	163114	83845 ladder	310 deg	collimator 9.9mm
run0055	CH2	130 deg	d 12 MeV	11/13/07 11:43:00 PM	2715541	170126	118896	170126	169093	85464 ladder	310 deg	collimator 9.9mm
run0056	CH2	140 deg	d 12 MeV	11/14/07 12:14:00 AM	2191071	174127	70875	174127	172315	88826 ladder	310 deg	collimator 9.9mm
run0058	CH2	65 deg	d 12 MeV	11/14/07 12:34:00 AM	6126015	100532	136986	100532	100211	21300 ladder	265 deg	collimator 9.9mm
run0060	CH2	70 deg	d 12 MeV	11/14/07 01:45:00 AM	5647844	85410	170175	85410	85210	22111 ladder	265 deg	collimator 9.9mm
run0062	CH2	75 deg	d 12 MeV	11/14/07 02:38:00 AM	3638035	84234	171278	84234	84065	25566 ladder	265 deg	collimator 9.9mm
run0064	CH2	80 deg	d 12 MeV	11/14/07 03:11:00 AM	3234485	90955	185431	90955	90770	30834 ladder	265 deg	collimator 9.9mm
run0065	CH2	85 deg	d 12 MeV	11/14/07 03:44:00 AM	2796270	81955	163524	81955	81752	30572 ladder	265 deg	collimator 9.9mm
run0066	CH2	90 deg	d 12 MeV	11/14/07 04:15:00 AM	882192	86548	24021	86548	85310	34458 ladder	265 deg	collimator 9.9mm
run0067	CH2	90 deg	d 12 MeV	11/14/07 04:28:00 AM	874396	93598	17639	93598	91569	25660 ladder	355 deg	collimator 9.9mm
run0068	CH2	100 deg	d 12 MeV	11/14/07 04:34:00 AM	93347	99830	19838	99830	97749	28933 ladder	355 deg	collimator 9.9mm
run0069	CH2	110 deg	d 12 MeV	11/14/07 04:39:00 AM	975175	105712	20010	105712	103436	30234 ladder	355 deg	collimator 9.9mm
run0070	CH2	120 deg	d 12 MeV	11/14/07 04:44:00 AM	955077	101835	19180	101835	99629	29144 ladder	355 deg	collimator 9.9mm
run0071	CH2	130 deg	d 12 MeV	11/14/07 04:49:00 AM	1011315	102799	20991	102799	100629	29700 ladder	355 deg	collimator 9.9mm
run0072	CH2	140 deg	d 12 MeV	11/14/07 04:56:00 AM	1108127	105073	22766	105073	103032	31885 ladder	355 deg	collimator 9.9mm
run0076	CH2	-50 deg	d 12 MeV	11/14/07 05:39:00 AM	658630	106454	13543	106454	103045	2821 ladder	310 deg	collimator 9.9mm
run0078	CH2	110 deg	d 12 MeV	11/14/07 06:30:00 AM	1203397	24635	75773	24635	24594	12361 ladder	310 deg	collimator 9.9mm
run0079	melamine	120 deg	d 12 MeV	11/14/07 06:56:00 AM	1381319	17285	91884	17285	17269	16612 ladder	310 deg	collimator 9.9mm
run0080	melamine	120 deg	d 12 MeV	11/14/07 07:16:00 AM	236313	3201	15598	3201	3195	3067 ladder	310 deg	collimator 9.9mm
run0081	melamine	130 deg	d 12 MeV	11/14/07 07:21:00 AM	1264130	15714	83454	15714	15700	15347 ladder	310 deg	collimator 9.9mm
run0083	melamine	120 deg	d 10 MeV	11/14/07 10:20:00 AM	1100905	31119	56318	31119	30989	11798 ladder	310 deg	collimator 9.9mm
run0084	melamine	130 deg	d 10 MeV	11/14/07 10:35:00 AM	859424	34631	39573	34631	34463	12831 ladder	310 deg	collimator 9.9mm
run0085	melamine	140 deg	d 10 MeV	11/14/07 10:44:00 AM	958548	27954	46811	27954	27824	11996 ladder	310 deg	collimator 9.9mm
run0089	melamine	35 deg	d 10 MeV	11/14/07 11:00:00 AM	721368	26564	40218	26564	25760	1011 ladder	310 deg	collimator 9.9mm
run0090	melamine	35 deg	d 10 MeV	11/14/07 11:14:00 AM	937952	117381	19703	117381	113763	3670 ladder	310 deg	collimator 9.9mm
run0093	melamine	40 deg	d 10 MeV	11/14/07 11:21:00 AM	1017088	106489	30897	106489	104309	3683 ladder	310 deg	collimator 9.9mm
run0094	melamine	45 deg	d 10 MeV	11/14/07 11:28:00 AM	1144158	132428	31191	132428	129611	4527 ladder	310 deg	collimator 9.9mm
run0095	melamine	50 deg	d 10 MeV	11/14/07 11:38:00 AM	1383788	163815	32433	163815	159007	6125 ladder	310 deg	collimator 9.9mm
run0096	melamine	55 deg	d 10 MeV	11/14/07 11:45:00 AM	1367243	38326	70361	38326	38690	2111 ladder	310 deg	collimator 9.9mm
run0098	melamine	55 deg	d 10 MeV	11/14/07 12:00:00 PM	598412	22595	26548	22595	22451	1414 ladder	310 deg	collimator 9.9mm
run0099	melamine	60 deg	d 10 MeV	11/14/07 12:12:00 PM	29327924	55775	20413	55775	55057	7259 ladder	310 deg	collimator 9.9mm
run0101	melamine	55 deg	d 10 MeV	11/14/07 12:41:00 PM	1755345	88580	43601	88580	87156	10210 ladder	310 deg	collimator 9.9mm
run0103	melamine	60 deg	d 10 MeV	11/14/07 12:49:00 PM	1949474	75877	55097	75877	75359	11326 ladder	310 deg	collimator 9.9mm
run0106	melamine	65 deg	d 10 MeV	11/14/07 01:56:00 PM	193087	61205	54861	61205	60884	8323 ladder	310 deg	collimator 9.9mm
run0107	melamine	70 deg	d 10 MeV	11/14/07 02:11:00 PM	2900751	42637	84467	42637	42512	1007 ladder	265 deg	collimator 9.9mm
run0109	melamine	75 deg	d 10 MeV	11/14/07 03:35:00 PM	1253817	92312	45708	92312	91399	26924 ladder	265 deg	collimator 9.9mm
run0110	melamine	80 deg	d 10 MeV	11/14/07 03:46:00 PM	713894	73003	79999	73003	72566	26529 ladder	265 deg	collimator 9.9mm
run0111	melamine	85 deg	d 10 MeV	11/14/07 04:04:00 PM	668215	71925	76625	71925	71497	35556 ladder	265 deg	collimator 9.9mm
run0113	melamine	90 deg	d 10 MeV	11/14/07 04:20:00 PM	721560	63516	60131	63516	63198	43242 ladder	265 deg	collimator 9.9mm
run0114	melamine	90 deg	d 10 MeV	11/14/07 04:32:00 PM	624869	66738	66732	66738	66228	26360 ladder	355 deg	collimator 9.9mm
run0115	melamine	100 deg	d 10 MeV	11/14/07 04:45:00 PM	710181	62075	90504	62075	61776	28114 ladder	355 deg	collimator 9.9mm
run0117	melamine	110 deg	d 10 MeV	11/14/07 05:16:00 PM	654166	47439	84985	47439	47243	27876 ladder	355 deg	collimator 9.9mm
run0121	melamine	120 deg	d 10 MeV	11/14/07 05:59:00 PM	1256995	74363	85788	74363	73960	66423 ladder	355 deg	collimator 9.9mm
run0122	melamine	-50 deg	d 10 MeV	11/14/07 06:27:00 PM	1498760	94663	37512	94663	93348	19802 ladder	310 deg	collimator 9.9mm
run0124	AI	-50 deg	d 10 MeV	11/14/07 06:48:00 PM	1102152	180489	16589	180489	171329	10675 ladder	310 deg	collimator 9.9mm
run0127	AI	35 deg	d 10 MeV	11/14/07 07:04:00 PM	595096	117863	10634	117863	111541	3091 ladder	310 deg	collimator 9.9mm
run0128	AI	110 deg	d 10 MeV	11/15/07 03:52:00 AM	823331	19100	52690	19100	19046	63542 ladder	310 deg	collimator 5.0mm
run0130	AI	120 deg	d 10 MeV	11/15/07 04:05:00 AM	595811	10180	185422	10180	10010	43287 ladder	310 deg	collimator 5.0mm
run0131	AI	130 deg	d 10 MeV	11/15/07 04:45:00 AM	2220391	36270	119462	36270	361127	160196 ladder	310 deg	collimator 5.0mm
run0132	AI	140 deg	d 10 MeV	11/15/07 05:11:00 AM	1207338	18411	69317	18411	18379	86803 ladder	310 deg	collimator 5.0mm
run0133	AI	-50 deg	d 10 MeV	11/15/07 05:25:00 AM	2568622	103908	27857	103908	102341	32385 ladder	310 deg	collimator 5.0mm
run0135	CH2	35 deg	d 10 MeV	11/15/07 12:34:00 PM	2237793	333625	57804	333625	325080	7458 ladder	310 deg	collimator 5.0mm
run0136	AI	35 deg	d 10 MeV	11/15/07 12:52:00 PM	892434	143827	38675	143827	141522	3931 ladder	310 deg	collimator 5.0mm
run0137	AI	40 deg	d 10 MeV	11/15/07 01:02:00 PM	738257	123771	46106	123771	122386	4592 ladder	310 deg	collimator 5.0mm
run0139	AI	40 deg	d 10 MeV	11/15/07 01:24:00 PM	400211	139515	46681	139515	137758	5081 ladder	310 deg	collimator 5.0mm
run0140	AI	35 deg	d 10 MeV	11/15/07 01:33:00 PM	414874	121251	28802	121251	118962	3279 ladder	310 deg	collimator 5.0mm
run0141	AI	45 deg	d 10 MeV	11/15/07 01:40:00 PM	323407	1070339	28785	1070339	274953	3666 ladder	310 deg	collimator 5.0mm
run0142	AI	50 deg	d 10 MeV	11/15/07 01:47:00 PM	409491	105208	40150	105208	104007	5039 ladder	310 deg	collimator 5.0mm
run0143	AI	55 deg	d 10 MeV	11/15/07 01:56:00 PM	362330	88463	42813	88463	87668	5094 ladder	310 deg	collimator 5.0mm
run0144	AI	60 deg	d 10 MeV	11/15/07 02:06:00 PM	394336	91837	63288	91837	91239	6565 ladder	310 deg	collimator 5.0mm
run0145	AI	120 deg	d 10 MeV	11/15/07 02:21:00 PM	355092	61062	75710	61062	60852	8752 ladder	310 deg	collimator 5.0mm
run0150	AI	130 deg	d 10 MeV	11/15/07 02:49:00 PM	319845	51941	83330	51941	51792	7543 ladder	310 deg	collimator 5.0mm
run0151	AI	140 deg	d 10 MeV	11/15/07 03:05:00 PM	718616	109805	94779	109805	108523	16609 ladder	310 deg	collimator 5.0mm
run0152	AI	65 deg	d 10 MeV	11/15/07 03:28:00 PM	1059669	224284	23464	224284	215269	13905 ladder	265 deg	collimator 5.0mm
run0153	AI	70 deg	d 10 MeV	11/15/07 03:34:00 PM	1265187	263578	32088	263578	254425	17871 ladder	265 deg	collimator 5.0mm
run0154	AI	75 deg	d 10 MeV	11/15/07 03:43:00 PM	955893	195010	26537	195010	188980	14160 ladder	265 deg	collimator 5.0mm
run0155	AI	80 deg	d 10 MeV	11/15/07 03:51:00 PM	766431	151063	23257	151063	146936	11805 ladder	265 deg	collimator 5.0mm

Sheet1

run0156	Al	85 deg d 10 MeV	11/15/07 03:58:00 PM	982588	190482	30931	190482	185572	15878 ladder	265 deg	collimator 5.0mm
run0157	Al	90 deg d 10 MeV	11/15/07 04:05:00 PM	955989	182361	33409	182361	178160	16335 ladder	265 deg	collimator 5.0mm
run0158	Al	90 deg d 10 MeV	11/15/07 04:14:00 PM	1127004	210801	30820	216801	204446	12093 ladder	355 deg	collimator 5.0mm
run0161	Al	100 deg d 10 MeV	11/15/07 04:28:00 PM	1060646	186099	39704	186094	181396	12209 ladder	355 deg	collimator 5.0mm
run0162	Al	110 deg d 10 MeV	11/15/07 04:37:00 PM	871076	152389	36156	152389	149022	10352 ladder	355 deg	collimator 5.0mm
run0163	Al	120 deg d 10 MeV	11/15/07 04:45:00 PM	1301344	217217	54965	217217	212390	15410 ladder	355 deg	collimator 5.0mm
run0164	Al	-50 deg d 10 MeV	11/15/07 04:58:00 PM	1483885	180216	12070	180216	168960	2256 ladder	355 deg	collimator 5.0mm
run0165	Al	-50 deg d 10 MeV	11/15/07 05:06:00 PM	405271	106562	38555	106562	105282	5280 ladder	355 deg	collimator 5.0mm
run0167	CH2	35 deg d 10 MeV	11/15/07 05:20:00 PM	758597	322964	40327	332964	331818	7267 ladder	355 deg	collimator 5.0mm
run0168	CH2	40 deg d 10 MeV	11/15/07 05:43:00 PM	562667	186716	20653	186716	179326	4292 ladder	355 deg	collimator 5.0mm
run0169	melamine	30 deg d 10 MeV	11/15/07 05:51:00 PM	1754639	275506	31383	275506	265150	6534 ladder	355 deg	collimator 5.0mm
run0170	melamine	35 deg d 10 MeV	11/15/07 05:59:00 PM	2015633	94208	38391	94208	93187	8167 ladder	355 deg	collimator 5.0mm
run0171	melamine	40 deg d 10 MeV	11/15/07 06:10:00 PM	382924	87716	36055	87716	86793	8370 ladder	355 deg	collimator 5.0mm
run0172	melamine	45 deg d 10 MeV	11/15/07 06:19:00 PM	626157	121021	44399	121021	119529	10930 ladder	355 deg	collimator 5.0mm
run0173	melamine	50 deg d 10 MeV	11/15/07 06:33:00 PM	584042	96182	44047	96182	95267	8471 ladder	355 deg	collimator 5.0mm
run0174	melamine	55 deg d 10 MeV	11/15/07 06:49:00 PM	702546	104141	43350	104141	103063	9444 ladder	355 deg	collimator 5.0mm
run0175	melamine	60 deg d 10 MeV	11/15/07 06:58:00 PM	1138949	104977	65448	104977	104254	15393 ladder	355 deg	collimator 5.0mm
run0176	melamine	60 deg d 10 MeV	11/15/07 07:13:00 PM	796747	82907	41895	82907	82167	8315 ladder	265 deg	collimator 5.0mm
run0177	melamine	65 deg d 10 MeV	11/15/07 07:22:00 PM	1532244	71105	104368	71105	70906	18124 ladder	265 deg	collimator 5.0mm
run0178	melamine	70 deg d 10 MeV	11/15/07 07:42:00 PM	1597787	80429	91530	80429	79969	25339 ladder	265 deg	collimator 5.0mm
run0179	melamine	75 deg d 10 MeV	11/15/07 08:00:00 PM	1119483	86919	44420	86919	86197	31427 ladder	265 deg	collimator 5.0mm
run0180	melamine	80 deg d 10 MeV	11/15/07 08:09:00 PM	1957899	82629	47832	82629	82028	33819 ladder	265 deg	collimator 5.0mm
run0181	melamine	85 deg d 10 MeV	11/15/07 08:20:00 PM	701650	88528	47632	88528	87966	40001 ladder	265 deg	collimator 5.0mm
run0183	melamine	90 deg d 10 MeV	11/15/07 08:40:00 PM	741733	92150	67570	92150	91617	43629 ladder	265 deg	collimator 5.0mm
run0185	13C	35 deg d 10 MeV	11/15/07 09:03:00 PM	803709	60496	36295	60496	60067	5507 ladder	265 deg	collimator 5.0mm
run0188	13C	35 deg d 10 MeV	11/16/07 02:40:00 AM	212891	12682	37951	12682	12668	36221 ladder	265 deg	collimator 5.0mm
run0189	13C	35 deg d 10 MeV	11/16/07 02:48:00 AM	176238	10428	31718	10428	10409	29548 ladder	265 deg	collimator 5.0mm
run0190	13C	35 deg d 10 MeV	11/16/07 02:54:00 AM	172318	10352	31532	10352	10340	29465 ladder	265 deg	collimator 5.0mm
run0191	13C	40.9 deg d 10 MeV	11/16/07 03:04:00 AM	174477	10257	37308	10257	10242	38811 ladder	265 deg	collimator 5.0mm
run0192	13C	40.9 deg d 10 MeV	11/16/07 03:11:00 AM	173735	10286	37188	10286	10275	39173 ladder	265 deg	collimator 5.0mm
run0193	13C	40.9 deg d 10 MeV	11/16/07 03:18:00 AM	183260	10812	40600	10812	10800	41030 ladder	265 deg	collimator 5.0mm
run0194	13C	45.6 deg d 10 MeV	11/16/07 03:29:00 AM	125773	10672	38065	10672	10518	40405 ladder	265 deg	collimator 5.0mm
run0195	13C	45.6 deg d 10 MeV	11/16/07 03:37:00 AM	416464	34573	125982	34573	34521	133944 ladder	265 deg	collimator 5.0mm
run0196	13C	50 deg d 10 MeV	11/16/07 04:09:00 AM	301234	30118	119122	30138	30111	121337 ladder	265 deg	collimator 5.0mm
run0197	13C	55 deg d 10 MeV	11/16/07 04:32:00 AM	329474	30320	130824	30320	30293	133841 ladder	265 deg	collimator 5.0mm
run0198	13C	60 deg d 10 MeV	11/16/07 04:57:00 AM	351002	30115	151137	30115	30084	155330 ladder	265 deg	collimator 5.0mm
run0199	13C	30 deg d 10 MeV	11/16/07 05:26:00 AM	1269479	100874	141241	100874	100556	128489 ladder	265 deg	collimator 5.0mm
run0200	13C	25 deg d 10 MeV	11/16/07 05:53:00 AM	350769	31107	25006	31107	30937	19786 ladder	265 deg	collimator 5.0mm
run0204	CH2	40 deg d 10 MeV	11/16/07 07:00:00 AM	284647	111056	38898	111056	109795	2158 ladder	265 deg	collimator 5.0mm
run0205	CH2	35 deg d 10 MeV	11/16/07 07:12:00 AM	238291	107031	43691	107031	105977	1988 ladder	265 deg	collimator 5.0mm
run0206	CH2	45 deg d 10 MeV	11/16/07 07:23:00 AM	529770	133499	47273	133499	131950	2488 ladder	265 deg	collimator 5.0mm
run0207	CH2	50 deg d 10 MeV	11/16/07 07:35:00 AM	610633	117225	45133	117225	115961	2103 ladder	265 deg	collimator 5.0mm
run0208	CH2	55 deg d 10 MeV	11/16/07 07:47:00 AM	889287	140840	52133	140840	139245	2759 ladder	265 deg	collimator 5.0mm
run0209	CH2	60 deg d 10 MeV	11/16/07 07:59:00 AM	1983981	144307	102384	144307	142239	7489 ladder	265 deg	collimator 5.0mm
run0210	CH2	60 deg d 10 MeV	11/16/07 08:26:00 AM	1543471	170758	13963	170758	162499	4243 ladder	265 deg	collimator 5.0mm
run0211	CH2	65 deg d 10 MeV	11/16/07 08:31:00 AM	1747179	110221	118491	110221	109807	5190 ladder	265 deg	collimator 5.0mm
run0212	CH2	70 deg d 10 MeV	11/16/07 09:01:00 AM	2574915	138422	56910	138422	137096	12767 ladder	265 deg	collimator 5.0mm
run0213	CH2	75 deg d 10 MeV	11/16/07 09:14:00 AM	899011	117255	59744	117255	116341	12303 ladder	265 deg	collimator 5.0mm
run0214	CH2	80 deg d 10 MeV	11/16/07 09:26:00 AM	506232	101700	64457	101700	101108	13664 ladder	265 deg	collimator 5.0mm
run0215	CH2	85 deg d 10 MeV	11/16/07 09:39:00 AM	501652	101927	75618	101927	101332	16335 ladder	265 deg	collimator 5.0mm
run0216	CH2	90 deg d 10 MeV	11/16/07 09:53:00 AM	567575	103006	86647	103006	102550	25358 ladder	265 deg	collimator 5.0mm
run0219	13C	90 deg d 10 MeV	11/16/07 10:34:00 AM	255776	20637	109189	20637	20622	773501 ladder	265 deg	collimator 5.0mm
run0220	13C	80 deg d 10 MeV	11/16/07 10:58:00 AM	241320	20298	82846	20298	20278	621105 ladder	265 deg	collimator 5.0mm
run0221	13C	70 deg d 10 MeV	11/16/07 11:14:00 AM	304408	20639	63577	20639	20609	475716 ladder	265 deg	collimator 5.0mm
run0222	13C	60 deg d 10 MeV	11/16/07 11:28:00 AM	483197	27701	48456	27701	27630	411998 ladder	265 deg	collimator 5.0mm
run0223	13C	65 deg d 10 MeV	11/16/07 11:41:00 AM	405156	25969	60518	25969	25928	502661 ladder	265 deg	collimator 5.0mm
run0224	13C	75 deg d 10 MeV	11/16/07 11:54:00 AM	299312	21641	66290	21641	21612	586439 ladder	265 deg	collimator 5.0mm
run0225	13C	85 deg d 10 MeV	11/16/07 12:08:00 PM	253179	20825	83410	20825	20808	710184 ladder	265 deg	collimator 5.0mm