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Sample/ Std ID	Time on printout	UO/U 254/238	196 (zr) Kcps	206 cps	U ppm	f <sub>206</sub> %	Sensit.	Age+/-1σ (Ma) 206/238 207/206	Offsets OK?
Alternative		<b>UO2/UO</b> 270/254	<b>194 (xt)</b> <b>200 (tnt)</b> <b>203 (mz)</b>	206 cps	254 270 Kcps	204 cps	196/194 264 Kcps	206/238 206/254 206/270	207/206 Check after each!!!

06-65

BR.1-1	9:50	5.25	33	3900	903	.08	14	559±3	550±28	✓
BR.1-2	Arc dropped → about Restarted Duv + ↑ Arc current for 10mins → ↓ Arc current + stabilized									
BR.1-3	— alerted Primary beam stepping									
<del>BR.1-4</del>	major changes in parameters, 1° on steel to check stability. Still Stepping BUT less.									
BR.1-4	13:31	5.53	41	6600	920	.06	15	686±8	526±15	✓ BRIGHTNESS APERTURE NOT IN.
BR.1-5	13:49	5.50	41	6400	917	.02	15	679±3	542±17	✓
BR.1-6	14:07	5.43	41	6300	919	.06	15	684±2	546±17	✓
E.1-1	14:32	5.64	41	15000	217	.48	17	3990±15	3486±5	✓
E.1-2	14:49	5.42	39	11000	217	.03	15	3998±18	3549±5	✓
E.2-1	15:09	5.38	40	6700	118	.08	15	4291±28	3558±5	✓
Br.2-1	15:29	5.51	40	6900	965.4	.03	15.5	700±3	541±18	✓
E.3-1	15:48	5.50	40	11000	189.8	.04	15.9	4131±18	3578±5	✓
E.4-1	16:10	5.71	37	12000	229.0	.01	15.3	4139±20	3569±5	✓ run 4 big step 2 84%
E.5-1	16:29	5.73	38	14000	258.8	.02	16.2	4209±21	3570±5	✓ slight drop in run 6
BR.3-1	16:50	5.76	39	6800	943.9	.03	16.6	684±3	554±14	✓
E.6-1	17:08	5.41	39	9100	170.1	.15	15.2	4162±29	3557±5	✓ slightly high 12
D.1-1	cancelled high Po 204									
repeat D.1-1	18:17	5.50	36	19000	536.1	.48	14.6	3156±72	3366±35	✓
D.2-1	18:36	5.72	37	17000	516.4	.19	16.7	2743±10	3332±3	✓ spike in run 3

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Sample/ Std ID	Time on printout	UO/U 254/238	196 (zr) Kcps	206 cps	U ppm	f <sub>206</sub> %	Sensit.	Age+/-1σ (Ma) 206/238 207/206	Offsets OK?
Alternative		<b>UO2/UO</b> 270/254	<b>194 (xt)</b> <b>200 (tnt)</b> <b>203 (mz)</b>	206 cps	254 270 Kcps	204 cps	196/194 264 Kcps	206/238 206/254 206/270	207/206 Check after each!!!

supposed to be 4-1

BR.3-1	18:56	5.69	36	5900	913.1	.03	15.7	680±3	569±14	✓
C.1-1	19:17	5.67	35	15000	345.1	.04	16	3721±14	3401±4	✓
C.2-1	19:36	5.84	35	28000	535.9	.02	16.3	4103±11	3865±2	✓
C.3-1	19:56	5.59	35	17000	354.4	.03	15.6	4072±16	3572±3	✓
BR.4-2	20:15	5.65	36	5600	901.6	.01	15.5	667±3	575±17	✓
B.1-1	20:35	5.74	34	1200	88	.00	15.6	1443±18	1198±22	✓
B.2-1	20:53	5.67	35	1100	78	.29	15.6	1459±15	1140±36	✓
B.3-1	21:12	5.39	36	1100	80.4	.23	15.1	1416±13	1159±42	✓
BR.4-3	21:31	4.99	29	3900	917.4	.06	11.3	665±12	584±22	✓ <sup>10 peak run 1 + 31 (5.9)</sup>
B.4-1	21:51	5.43	35	730	54.8	.31	15.1	1453±15	1136±53	✓
B.4-2	22:08	5.81	31	1170	60.4	.06	15	1415±23	1170±41	✓
B.5-1	22:27	5.44	35	1100	79.7	.15	15.2	1461±23	1099±39	✓ <sup>10 peak run 2+3</sup>
BR.4-4	22:48	5.93	31	5000	930.9	.05	14.8	635±3	554±18	✓ <sup>10 quite wobbly</sup>
BR.5-1	23:10	5.81	33	5500	924.3	.00	15.8	658±2	561±13	✓
B.6-1	23:29	5.83	31	2700	216.4	.07	15.8	1392±8	1146±22	✓ <sup>10 unstable 7.4 SSM.</sup>
B.7-1	23:47	5.57	35	1200	83.8	.08	15.2	1498±22	1170±41	✓
B.8-1	00:06	5.29	35	780	57.1	.00	14.8	1527±29	1166±34	✓
BR.5-2	00:25	4.95	26	3600	947.2	.02	9.9	661±3	554±22	✓ <sup>10 pile run 2</sup>
B.9-1	00:41	5.93	33	1100	73.8	.09	17.3	1495±14	1171±36	✓ <sup>10 dip run 5 (3.8)</sup>
B.9-2	00:59	5.61	31	940	78.1	.01	14.6	1395±32	1203±35	✓ <sup>10 step run 2 + top 4.3 (8.3)</sup>
BR.6-1	01:23	5.67	33	5400	924.3	.04	15.1	679±14	557±17	✓ <sup>10 really unstable map to 5.2 in first 2 runs</sup>

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								206/238	207/206	
Alternative		<b>UO2/UO</b> <b>270/254</b>	<b>194 (xt)</b> <b>200 (mt)</b> <b>203 (mz)</b>	206 cps	254 270 Kcps	204 cps	196/194 264 Kcps	206/238 206/254 206/270	207/206	Check after each!!!

B.9-3	1:42	5.73	31	840	72.2	.04	15.5	1352±17	1208±49	✓	<sup>10</sup> peak 6 <sup>th</sup> run 10.5 ssm
B.10-1	0:201	5.66	33	1100	82.2	.23	15.7	1464±21	1100±35	✓	
B.11-1	02:23	5.35	34	1100	87.9	.03	15.1	1442±19	1188±37	✓	big <sup>10</sup> peak and 1 <sup>st</sup> run 5
BR. 6-2	02:45	5.34	30	4400	97.9	.05	13.4	658±16	536±21	✓	big <sup>10</sup> dip run 5 7.1 ssm
B.12-1	03:04	5.25	30	920	84.7	.21	13.4	1429±21	1167±50	✓	
B.13-1	03:23	5.62	33	1100	85.3	.18	15.3	1439±18	1150±46	✓	<sup>10</sup> stepping 5 ssm
B.13-2	03:41	5.70	32	890	68.4	.30	14.9	1453±26	1122±48	✓	
BR. 7-1	04:00	5.67	33	5900	96.6	.02	15.6	674±5	554±13	✓	
B.14-1	04:20	5.59	32	850	64.7	.11	15.3	1510±15	1245±42	✓	<sup>10</sup> peak 4 <sup>th</sup> run 7.2 ssm
B.15-1	04:39	5.66	32	1100	86.4	.03	16.3	1428±17	1175±24	✓	
B.16-1	04:57	5.66	23	530	65.3	.02	10.3	1307±19	1137±46	✓	
BR. 8-1	05:19	5.86	28	5000	98.7	.08	14.9	652±3	513±16	✓	big <sup>10</sup> jump on 1 <sup>st</sup> run
<sup>relabelled as B.16-2</sup> B.17-1	05:38	5.53	32	820	66.5	.06	16.0	1439±22	1172±46	✓	
B.18-1	06:02	5.59	30	550	46.0	.46	14.8	1432±22	1121±69	✓	
B.18-2	06:21	5.17	30	390	35.3	.41	13.0	1479±27	1072±89	✓	
BR. 9-1	06:40	5.83	31	5200	92.6	.04	18.0	676±4	553±14	✓	<sup>10</sup> dip at end of 6 <sup>th</sup> run 11.6 ssm
B.19-1	07:00	5.70	30	1400	113.1	.16	15.8	1408±16	1155±37	✓	
B.20-1	07:19	5.59	28	910	84.2	.08	15.5	1413±19	1220±59	✓	<sup>10</sup> dip run 1 10.3 ssm
B.21-1	07:38	5.81	30	880	74.5	.12	16.4	1363±20	1128±48	✓	
BR. 9-2	07:56	5.86	28	4600	89.4	.01	14.7	676±12	569±29	✓	big <sup>10</sup> dip in 2 <sup>nd</sup> run + 3rd