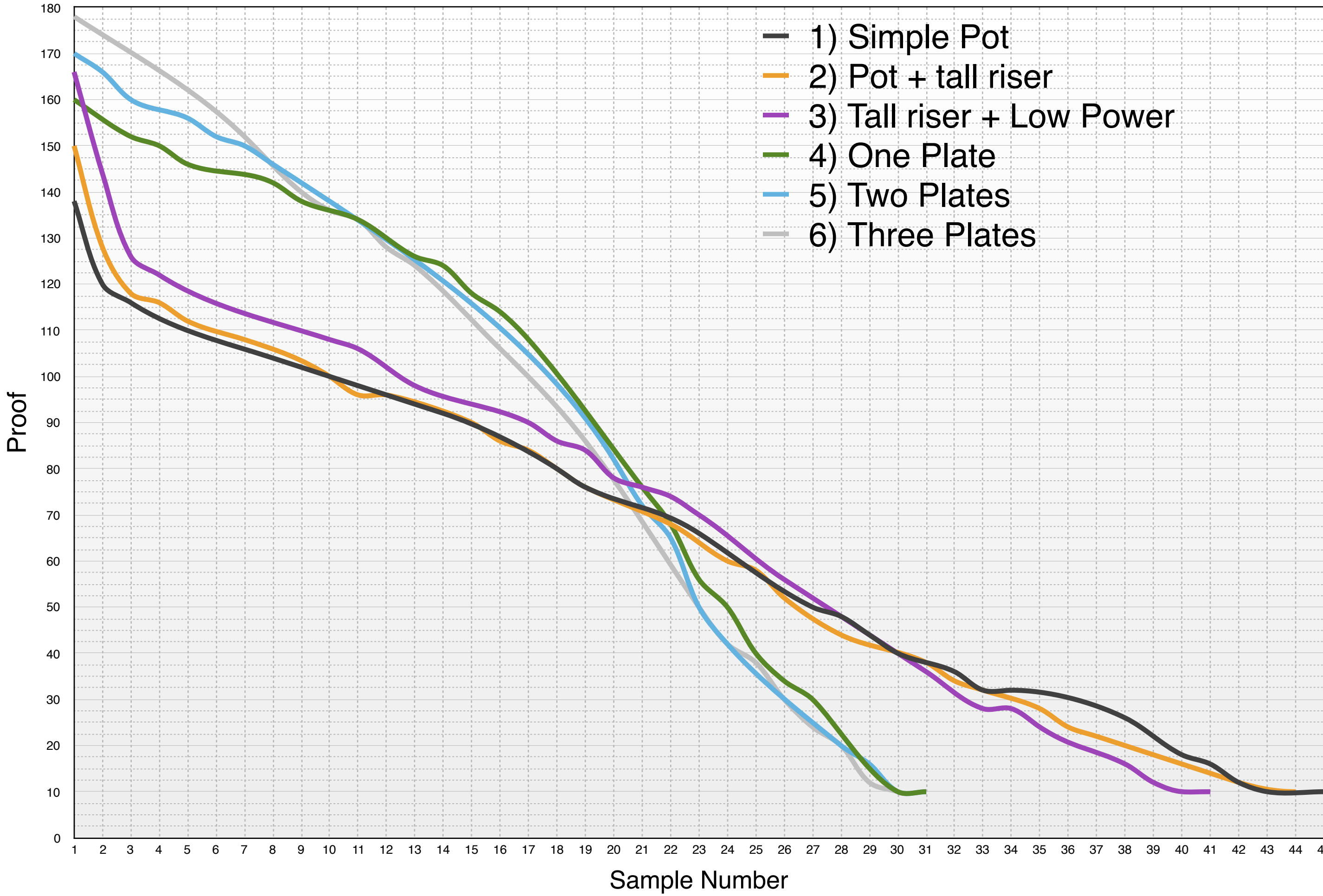


Run 1 - Insulated Pot Still				Run 2 - Tall riser, full power			Run 3 - Tall Riser, Low Power			Run 4 - One bubble plate				Run 5 - Two bubble plates				Run 6 - Three bubble plates			
Reading	Run 1 Proof	Run 1 Time	Run 1 Elapsed	Run 2 Proof	Run 2 Time	Run 2 Elapsed	Run 3 Proof	Run 3 Time	Run 3 Elapsed	Run 4 Proof	Run 4 Time	Run 4 Elapsed	Run 4 Bowl Temp C	Run 5 Proof	Run 5 Time	Run 5 Elapsed	Run 5 Bowl Temp C	Run 6 Proof	Run 6 Time	Run 6 Elapsed	Run 6 Bowl Temp C
1	138	12:09	0	150	7:21	0	166	3:59	0m	160	9:35	0m	80	170	11:23	0m	77	178	10:05	0m	75.4
2	120	12:10	1m	128	7:22	1m	144	4:01	2m	156	9:36	1m	81	166	11:24	1m	77.8	174	10:07	2m	76
3	116	12:11	2m	118	7:23	2m	126	4:04 AM	5m	152	9:38	3m	81.5	160	11:25	2m	78.8	170	10:08	3m	76.8
4	112	12:12	3m	116	7:24	3m	122	4:06	7m	150	9:39	4m	81.9	158	11:26	3m	79.5	166	10:09	4m	77.6
5	110	12:13	4m	112	7:25	4m	118	4:09	10m	146	9:41	6m	82.3	156	11:28	5m	80.3	162	10:10	5m	78.8
6	108	12:14	5m	110	7:26	5m	116	4:12	13m	145	9:42	7m	82.7	152	11:29	6m	81.3	158	10:12	7m	80.1
7	106	12:14	5m	108	7:27	6m	114	4:14	15m	144	9:44	9m	83.1	150	11:30	7m	82.1	152	10:13	8m	81.3
8	104	12:15	6m	106	7:28	7m	112	4:17	18m	142	9:45	10m	83.4	146	11:32	9m	82.7	146	10:14	9m	82.4
9	102	12:16	7m	104	7:29	8m	110	4:20	21m	138	9:46	11m	83.8	142	11:33	10m	83.3	140	10:16	11m	83.3
10	100	12:17	8m	100	7:29	8m	108	4:22	23m	136	9:48	13m	84.2	138	11:35	12m	83.9	136	10:17	12m	83.9
11	98	12:18	9m	96	7:30	9m	106	4:25	26m	134	9:50	15m	84.8	134	11:36	13m	84.7	134	10:19	14m	84.5
12	96	12:19	10m	96	7:31	10m	102	4:28	29m	130	9:51	16m	85.3	130	11:38	15m	85.2	128	10:20	15m	85.2
13	94	12:20	11m	94	7:32	11m	98	4:31	32m	126	9:53	18m	85.9	126	11:40	17m	85.9	124	10:22	17m	85.8
14	92	12:21	12m	92	7:33	12m	96	4:34	35m	124	9:55	20m	86.3	120	11:41	18m	86.4	118	10:24	19m	86.4
15	90	12:21	12m	90	7:34	13m	94	4:38	39m	118	9:57	22m	87	116	11:43	20m	87.1	112	10:26	21m	87.1
16	86	12:22	13m	86	7:35	14m	92	4:41	42m	114	9:59	24m	87.4	110	11:45	22m	87.7	106	10:27	22m	87.7
17	84	12:23	14m	84	7:36	15m	90	4:43	44m	108	10:01	26m	88	104	11:47	24m	88.2	100	10:29	24m	88.2
18	80	12:24	15m	80	7:37	16m	86	4:46	47m	100	10:03	28m	88.7	98	11:49	26m	88.8	94	10:31	26m	88.9
19	76	12:25	16m	76	7:38	17m	84	4:50	51m	94	10:05	30m	89.2	92	11:51	28m	89.3	86	10:33	28m	89.4
20	74	12:26	17m	74	7:39	18m	78	4:53	54m	84	10:08	33m	89.8	82	11:53	30m	89.9	78	10:36	31m	89.9
21	72	12:27	18m	70	7:40	19m	76	4:56	57m	76	10:10	35m	90.2	72	11:55	32m	90.3	68	10:38	33m	90.5
22	70	12:28	19m	68	7:41	20m	74	5:00	61m	68	10:13	38m	90.8	65	11:57	34m	90.8	60	10:40	35m	90.8
23	66	12:29	20m	64	7:42	21m	70	5:04	65m	56	10:15	40m	91.2	50	12:00	37m	91.2	50	10:43	38m	91.2
24	62	12:30	21m	60	7:43	22m	66	5:07	68m	50	10:18	43m	91.5	42	12:02	39m	91.6	42	10:45	40m	91.5
25	58	12:31	22m	58	7:44	23m	60	5:11	72m	40	10:20	45m	91.8	36	12:05	42m	91.9	38	10:48	43m	91.9
26	54	12:32	23m	52	7:45	24m	56	5:14	75m	34	10:23	48m	92.1	30	12:08	45m	92.2	30	10:50	45m	92.1
27	50	12:33	24m	48	7:46	25m	52	5:18	79m	30	10:26	51m	92.3	26	12:10	47m	92.4	24	10:53	48m	92.3
28	48	12:34	25m	44	7:47	26m	48	5:21	82m	22	10:30	55m	92.5	20	12:13	50m	92.6	20	10:55	50m	92.5
29	44	12:35	26m	42	7:48	27m	44	5:26	87m	16	10:33	58m	92.7	16	12:16	53m	92.8	12	10:58	53m	92.6
30	40	12:36	27m	40	7:49	28m	40	5:29	90m	10	10:36	61m	92.8	10	12:19	56m	92.9	10	11:00	55m	92.8
31	38	12:37	28m	38	7:50	29m	36	5:34	95m	10	10:39	64m	92.9	10	12:22	59m	93				
32	36	12:38	29m	34	7:52	31m	32	5:37	98m												
33	32	12:39	30m	32	7:53	32m	28	5:41	102m												
34	32	12:40	31m	30	7:54	33m	28	5:44	105m												
35	32	12:41	32m	28	7:55	34m	24	5:48	109m												
36	30	12:42	33m	24	7:56	35m	20	5:52	113m												
37	28	12:43	34m	22	7:57	36m	18	5:56	117m												
38	26	12:44	35m	20	7:58	37m	16	6:00	121m												
39	22	12:45	36m	18	8:00	39m	12	6:05	126m												
40	18	12:46	37m	16	8:01	40m	10	6:09	130m												
41	16	12:47	38m	14	8:02	41m	10	6:13	134m												
42	12	12:48	39m	12	8:03	42m															
43	10	12:49	40m	10	8:04	43m															
44	10	12:50	41m	10	8:06	45m															
45	10	12:52	43m																		
46																					
	Output (ml/min)	102.3		Output (ml/min)	95.6		Output (ml/min)	29.9		Output (ml/min)	46.9			Output (ml/min)	50.8			Output (ml/min)	52.7		
	Input Watts	4000		Input Watts	4000		Output Watts	1166.9		Input Watts	4000			Input Watts	4000			Input Watts	4000		
				Output ratio compared to baseline	0.934		Reflux Watts (from run 2)	264.6		Output Watts	1832			Output Watts	1987.7			Output Watts	2061.2		
				Output Watts	3735.4		Implies input Watts	1431.5		Reflux Watts	2168			Reflux Watts	2012.3			Reflux Watts	1938.8		
				Implies Reflux Watts	264.6		Implies Reflux Ratio	0.2		Reflux ratio	1.18			Reflux ratio	1.01			Reflux ratio	0.94		
				Implies Reflux Ratio	0.071																



Proof Data ONLY									
Reading	Run 1 Proof	Run 2 Proof	Run 3 Proof	Run 4 Proof	Run 5 Proof	Run 6 Proof			
1	138	150	166	160	170	178			
2	120	128	144	156	166	174			
3	116	118	126	152	160	170			
4	112	116	122	150	158	166			
5	110	112	118	146	156	162			
6	108	110	116	145	152	158			
7	106	108	114	144	150	152			
8	104	106	112	142	146	146			
9	102	104	110	138	142	140			
10	100	100	108	136	138	136			
11	98	96	106	134	134	134			
12	96	96	102	130	130	128			
13	94	94	98	126	126	124			
14	92	92	96	124	120	118			
15	90	90	94	118	116	112			
16	86	86	92	114	110	106			
17	84	84	90	108	104	100			
18	80	80	86	100	98	94			
19	76	76	84	94	92	86			
20	74	74	78	84	82	78			
21	72	70	76	76	72	68			
22	70	68	74	68	65	60			
23	66	64	70	56	50	50			
24	62	60	66	50	42	42			
25	58	58	60	40	36	38			
26	54	52	56	34	30	30			
27	50	48	52	30	26	24			
28	48	44	48	22	20	20			
29	44	42	44	16	16	12			
30	40	40	40	10	10	10			
31	38	38	36	10	10				
32	36	34	32						
33	32	32	28						
34	32	30	28						
35	32	28	24						
36	30	24	20						
37	28	22	18						
38	26	20	16						
39	22	18	12						
40	18	16	10						
41	16	14	10						
42	12	12							
43	10	10							

Reading	Run 1 Proof	Run 2 Proof	Run 3 Proof	Run 4 Proof	Run 5 Proof	Run 6 Proof
44	10	10				
45	10					