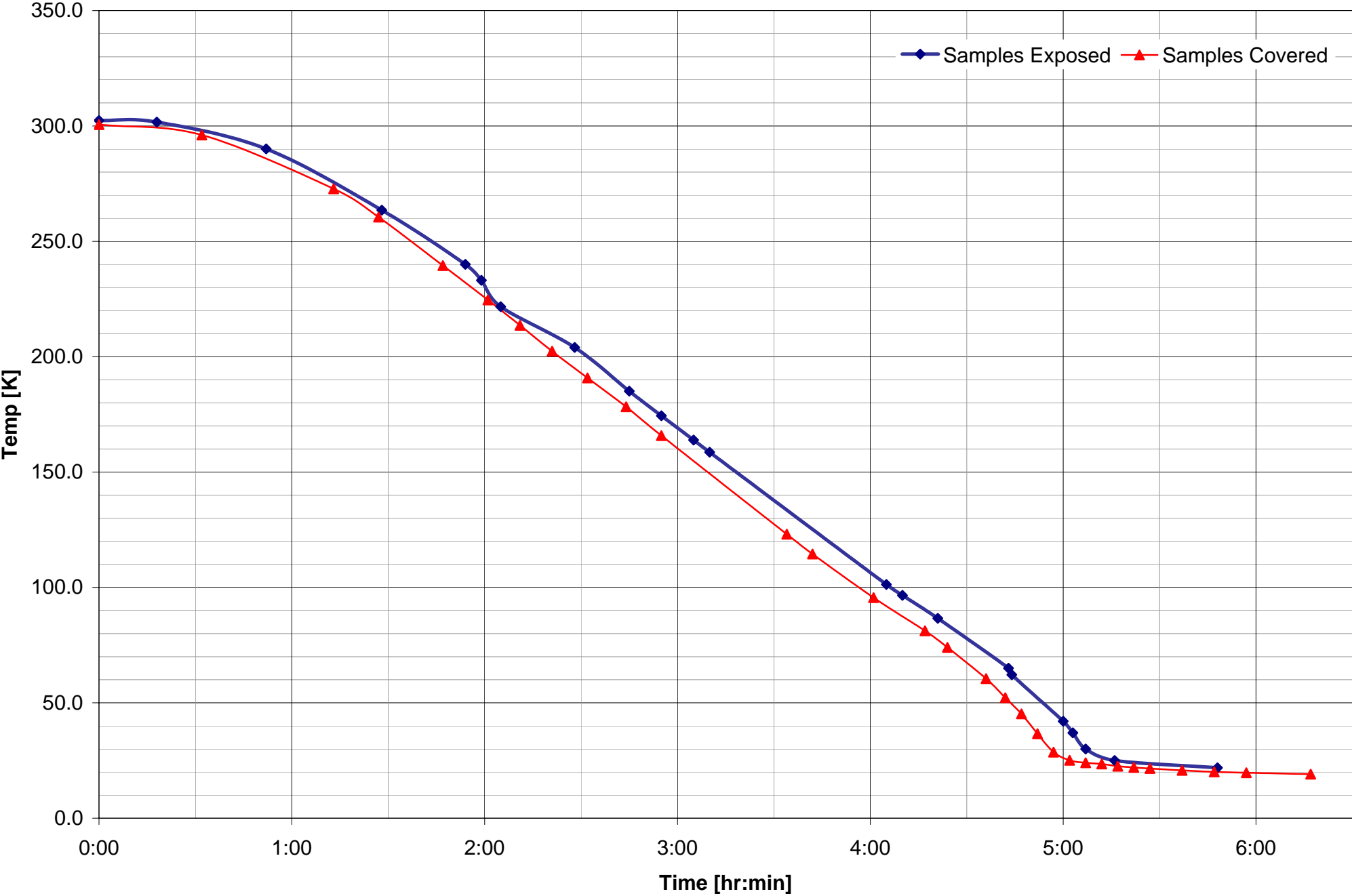


Scientia 200U Cold Finger Cooling Curve
(All components at room temperature at start)



Scientia 200U Cold Finger Cooling Curve

NOTE: All components at room temperature at start of cooling.

Complete Outer Shield Coverage
(03/14/05)

Without Sample Cover Plate
(3/16/05)

Time	Delta Time	Temp [K]
9:03	0	300.6
9:35	0:32	296.1
10:16	1:13	272.8
10:30	1:27	260.5
10:50	1:47	239.5
11:04	2:01	224.6
11:14	2:11	213.6
11:24	2:21	202.4
11:35	2:32	190.8
11:47	2:44	178.3
11:58	2:55	165.8
12:37	3:34	123.1
12:45	3:42	114.5
13:04	4:01	95.6
13:20	4:17	81.2
13:27	4:24	74.0
13:39	4:36	60.5
13:45	4:42	52.2
13:50	4:47	45.2
13:55	4:52	36.6
14:00	4:57	28.6
14:05	5:02	25.1
14:10	5:07	24.0
14:15	5:12	23.5
14:20	5:17	22.5
14:25	5:22	21.98
14:30	5:27	21.53
14:40	5:37	20.73
14:50	5:47	20.052
15:00	5:57	19.676
15:20	6:17	19.08

Time	Delta Time	Temp [K]
8:45	0	302.4
9:03	0:18	301.7
9:37	0:52	290.1
10:13	1:28	263.5
10:39	1:54	240.0
10:44	1:59	233.1
10:50	2:05	221.7
11:13	2:28	204.0
11:30	2:45	185.1
11:40	2:55	174.4
11:50	3:05	163.9
11:55	3:10	158.6
12:50	4:05	101.3
12:55	4:10	96.6
13:06	4:21	86.6
13:28	4:43	65.0
13:29	4:44	62.2
13:45	5:00	42.0
13:48	5:03	37.0
13:52	5:07	30.0
14:01	5:16	25.0
14:33	5:48	21.8