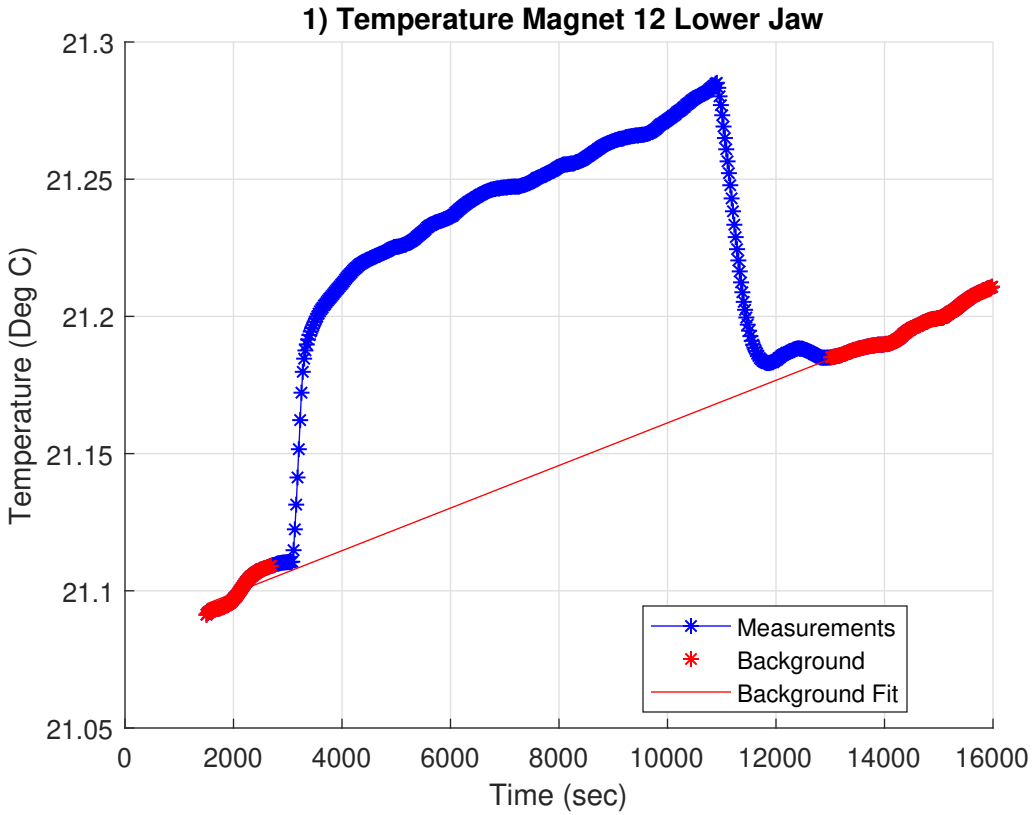
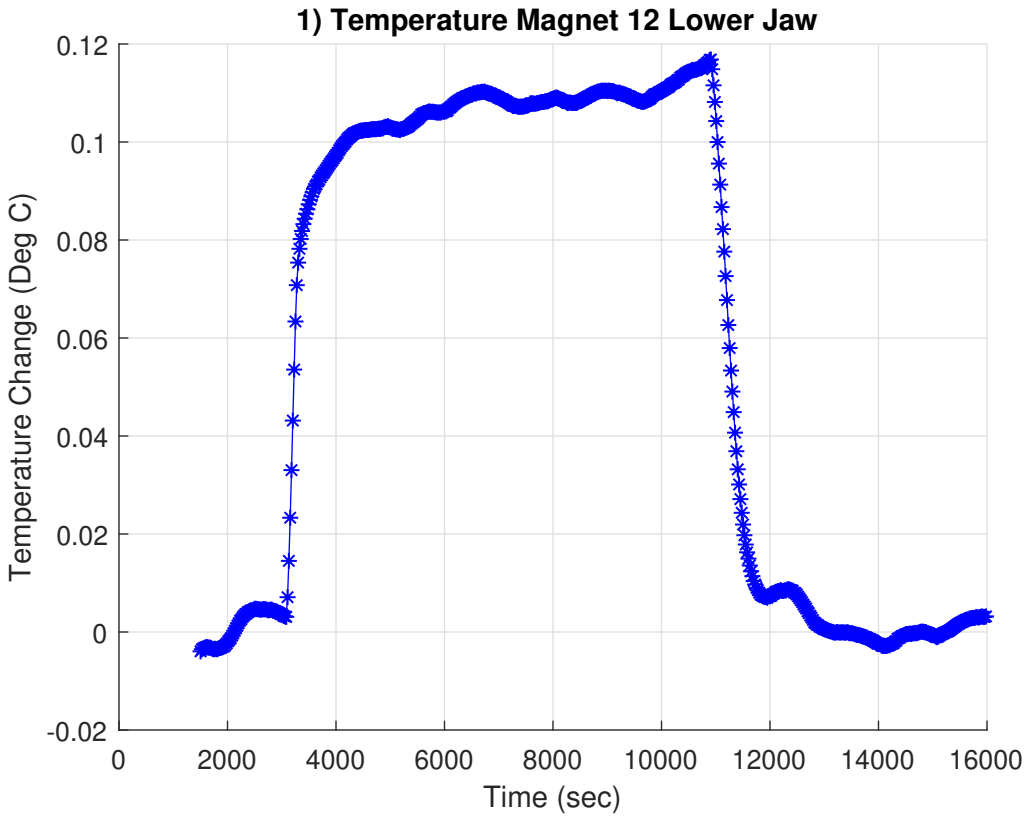
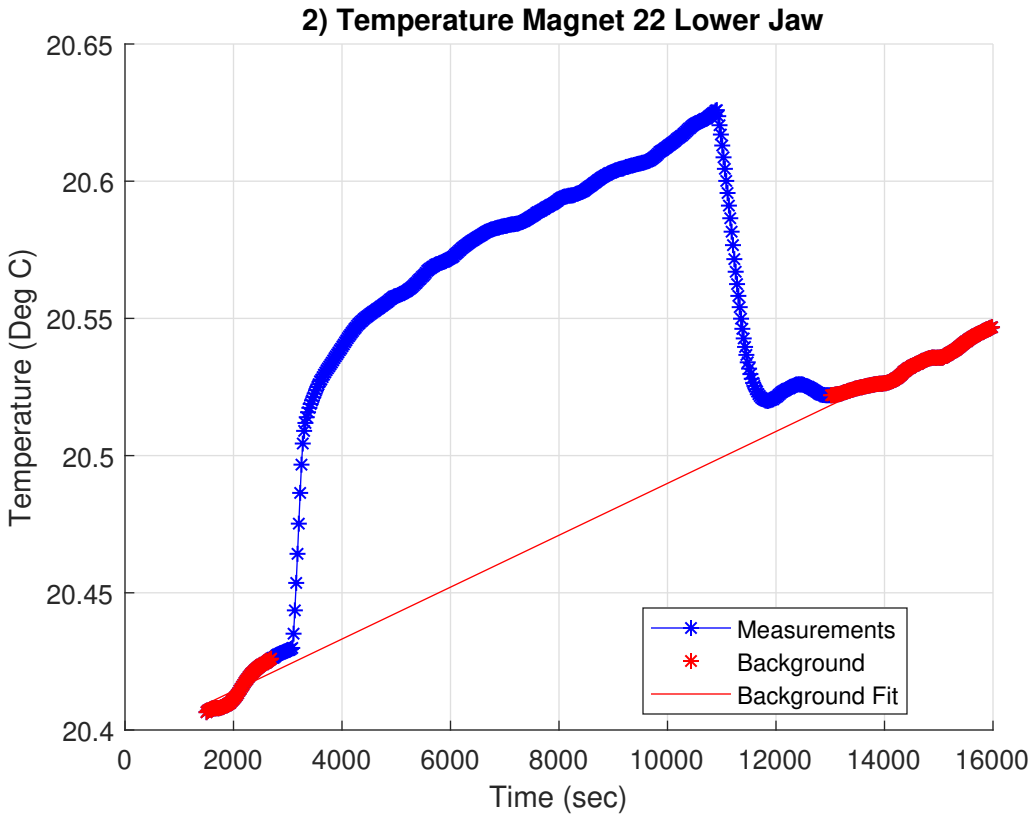
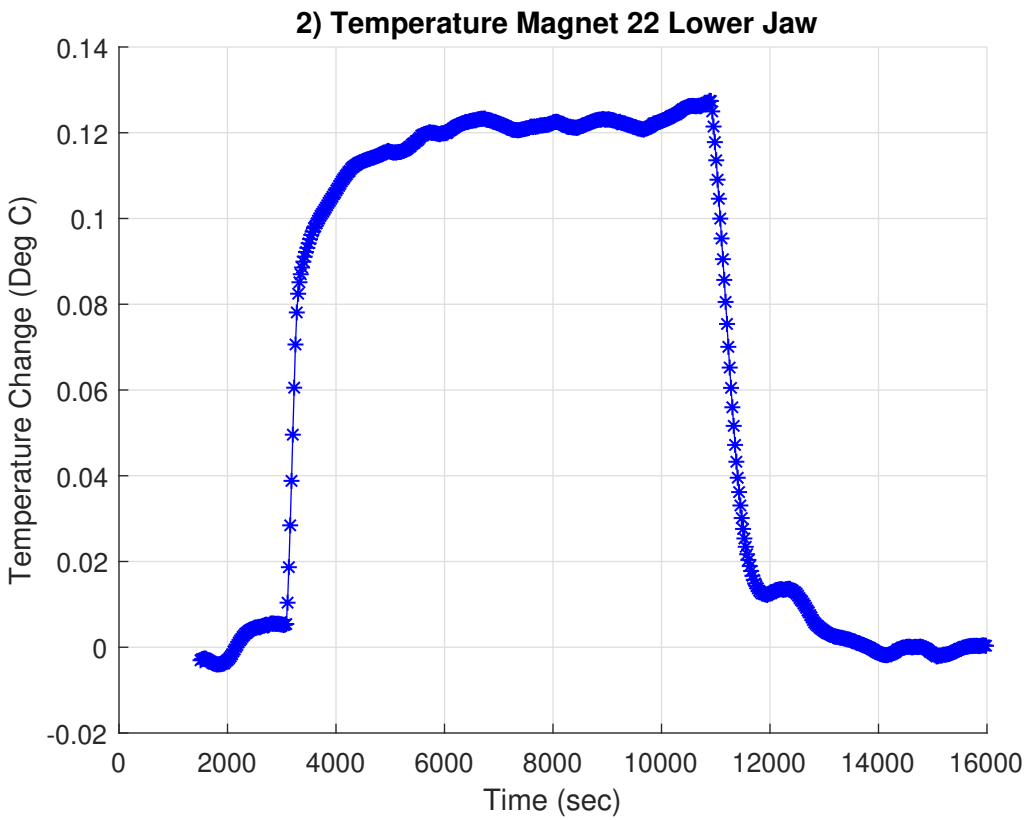
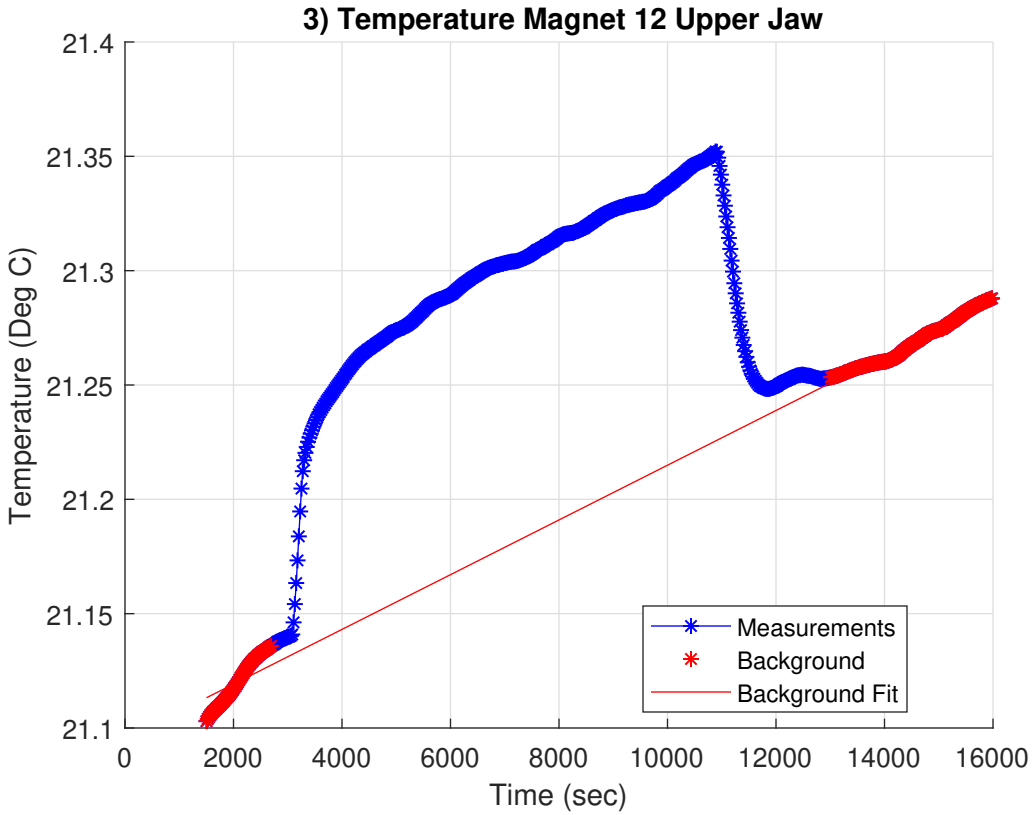
SLAC Magnetic Measurements#
Date: 08-17-2018#
Time: 11:35:41#

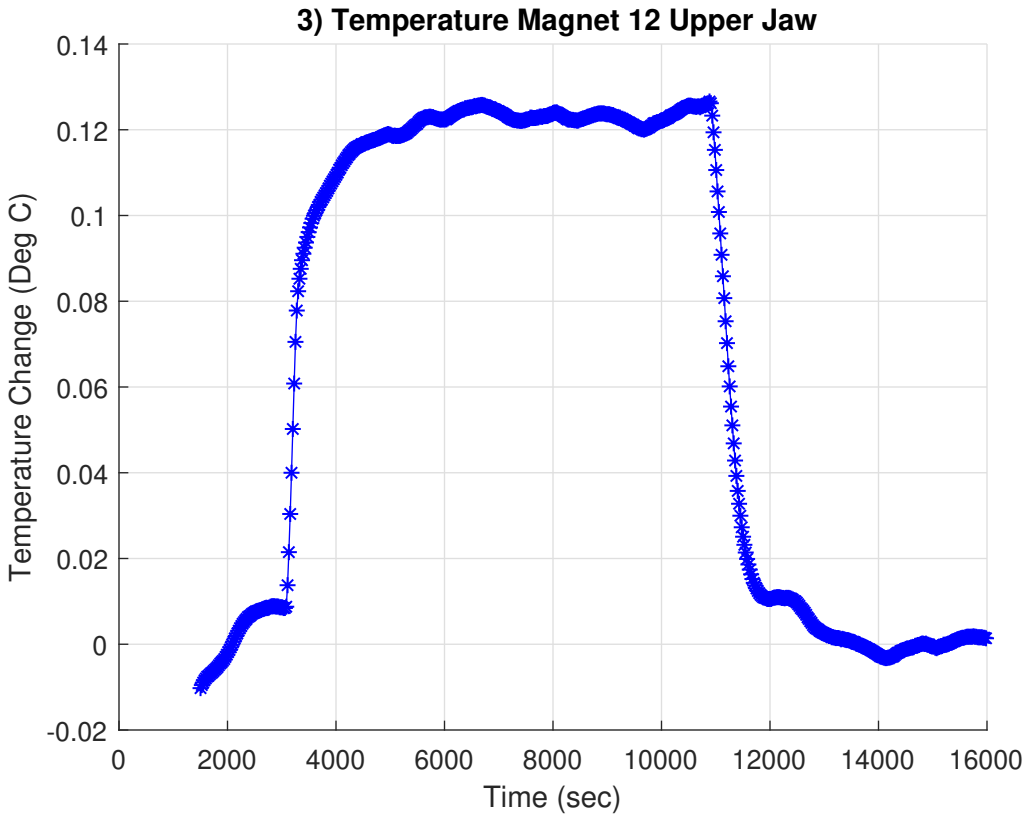

1) Temperature Magnet 12 Lower Jaw
Temperature (Deg C)
Time (sec)
21.3
21.25
21.2
21.15
21.1
21.05
0
2000
4000
6000
8000
10000
12000
14000
16000
Measurements
Background
Background Fit

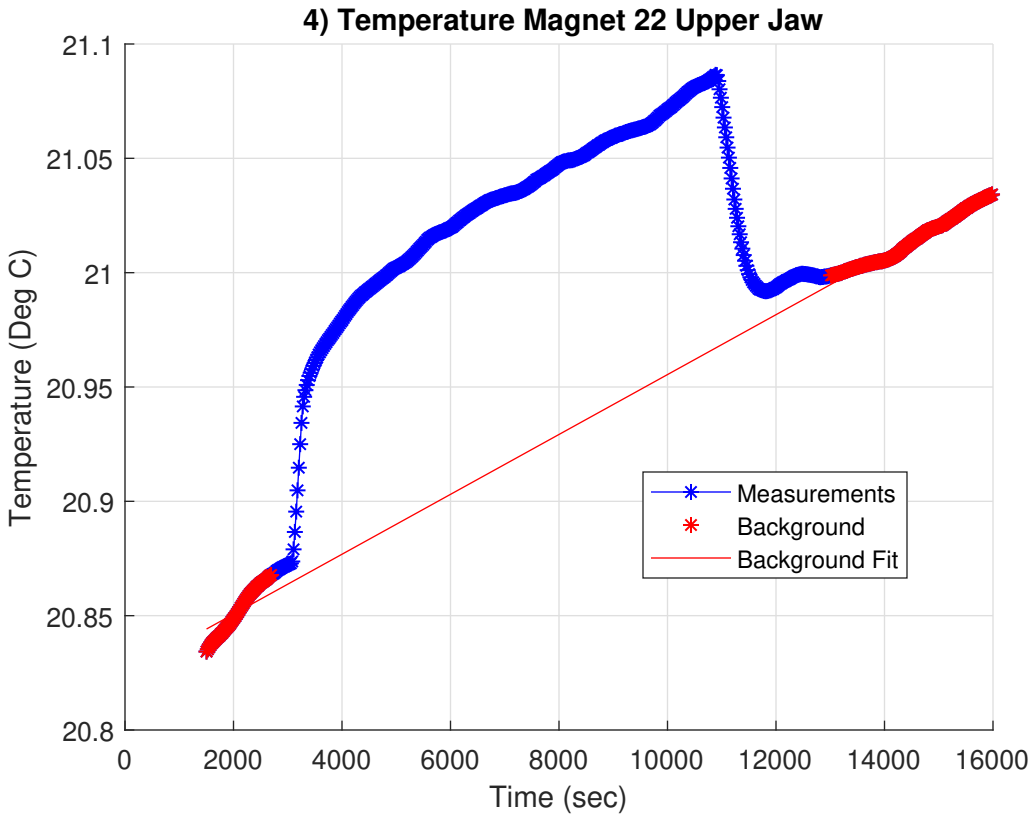

1) Temperature Magnet 12 Lower Jaw
Temperature Change (Deg C)
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

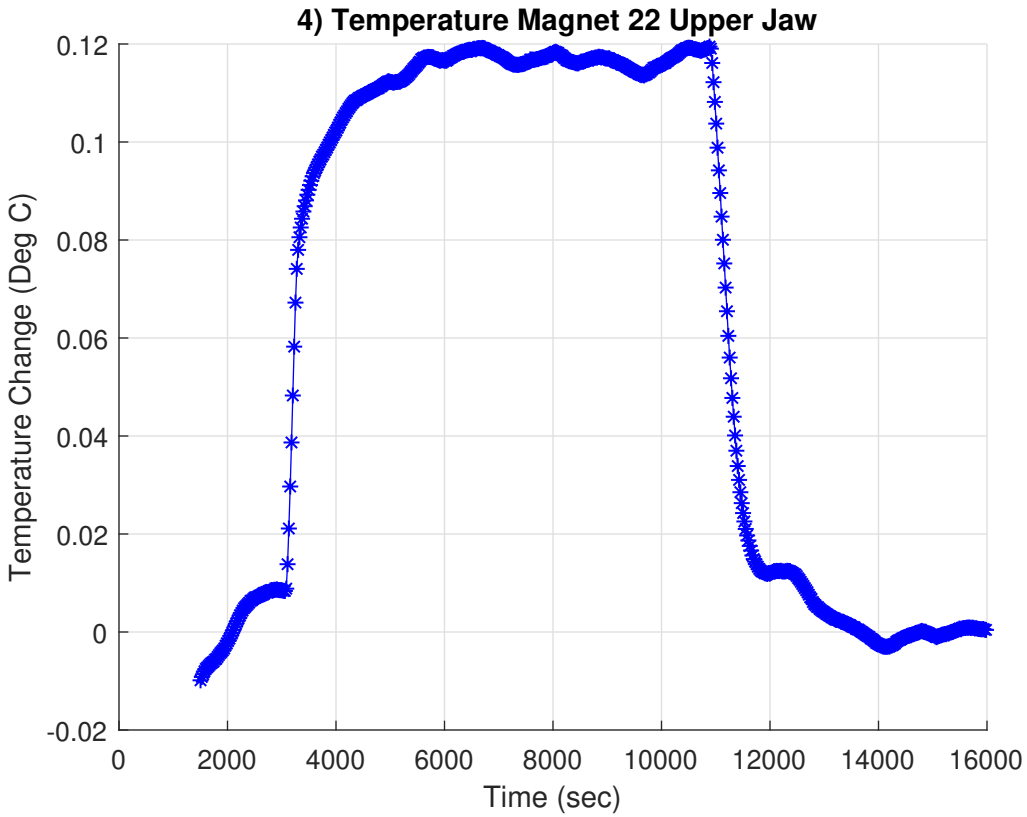

2) Temperature Magnet 22 Lower Jaw
Temperature (Deg C)
Time (sec)
20.65
20.6
20.55
20.5
20.45
20.4
0
2000
4000
6000
8000
10000
12000
14000
16000
Measurements
Background
Background Fit

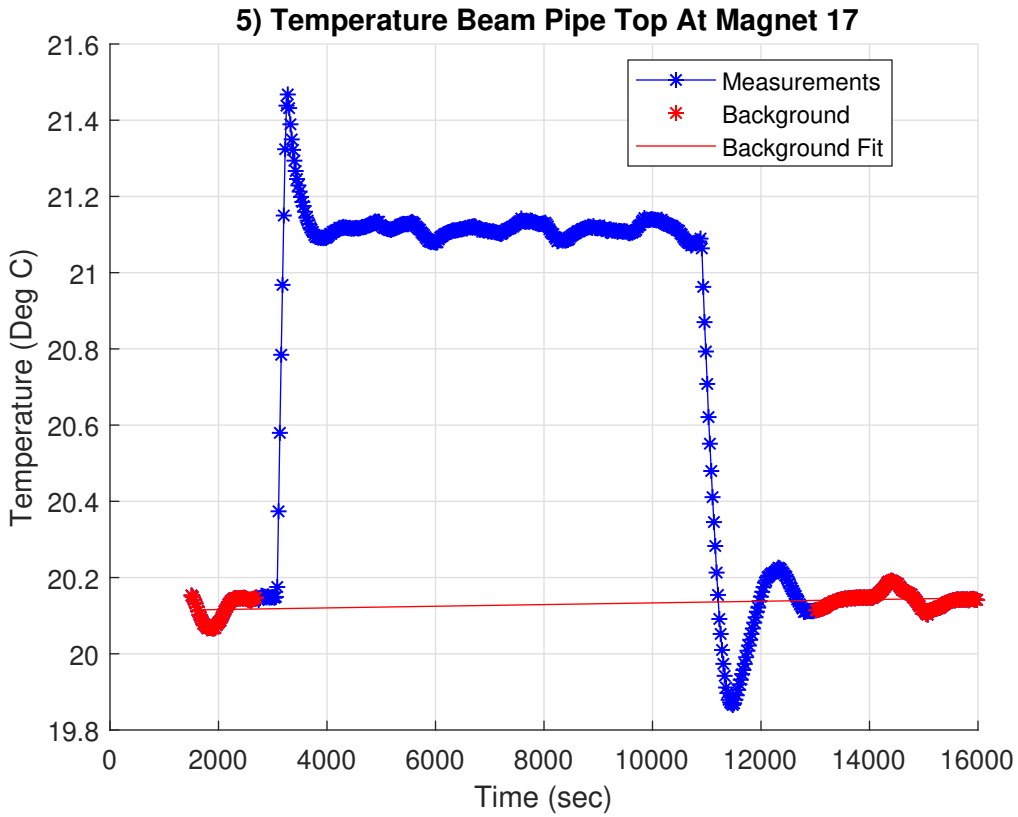

2) Temperature Magnet 22 Lower Jaw
Temperature Change (Deg C)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

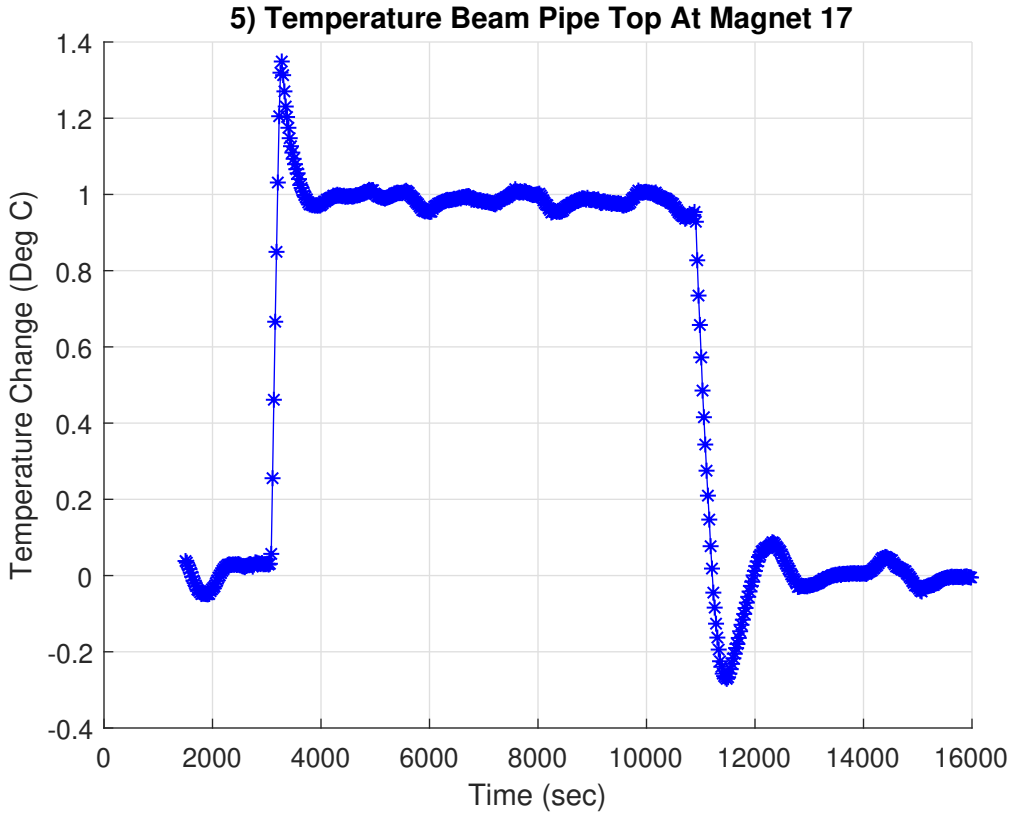

3) Temperature Magnet 12 Upper Jaw
Temperature (Deg C)
Time (sec)
21.4
21.35
21.3
21.25
21.2
21.15
21.1
0
2000
4000
6000
8000
10000
12000
14000
16000
Measurements
Background
Background Fit

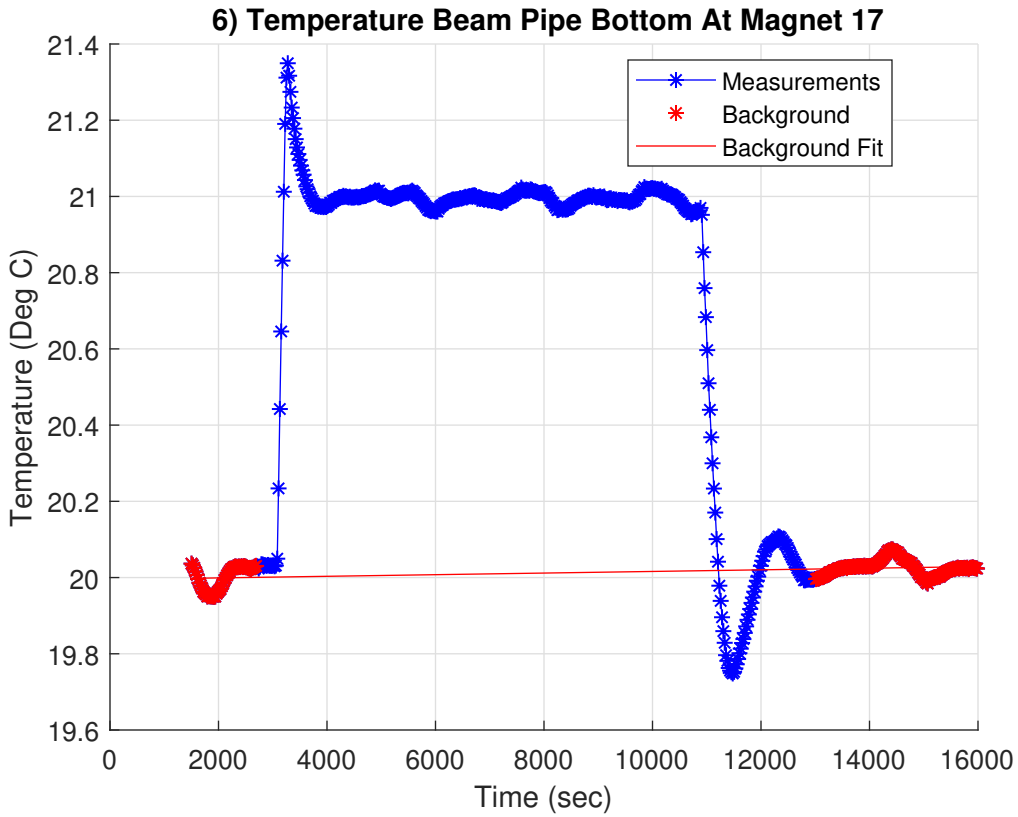

3) Temperature Magnet 12 Upper Jaw
Temperature Change (Deg C)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

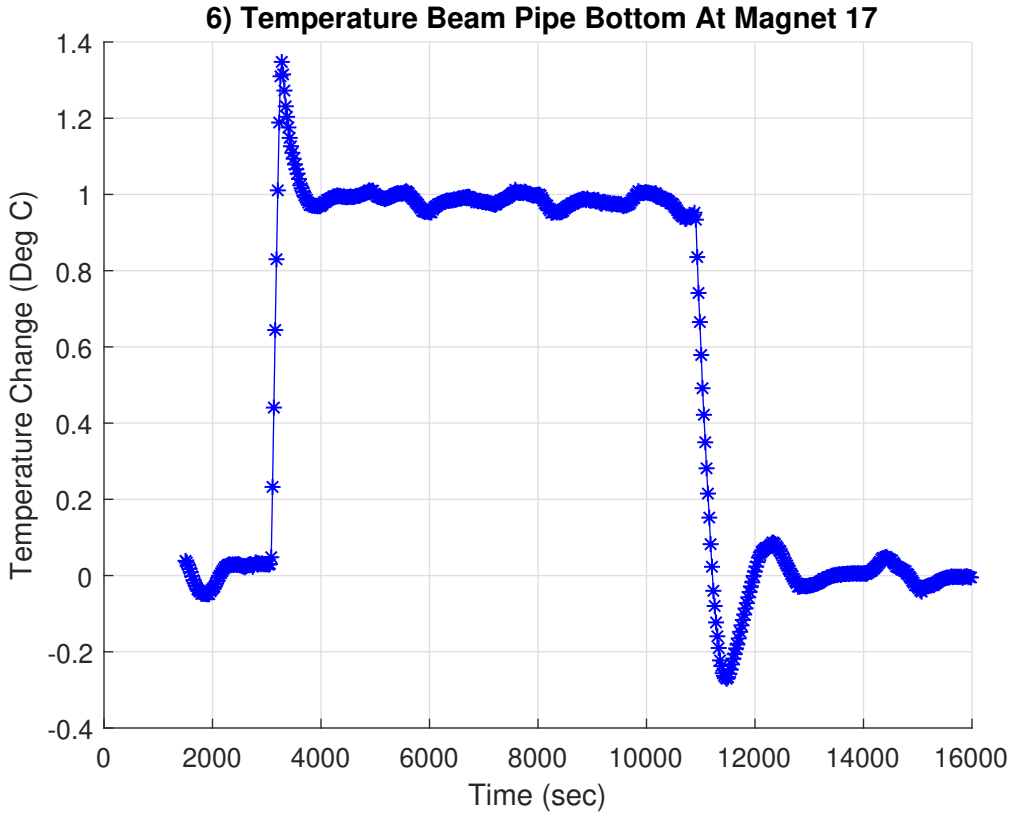

4) Temperature Magnet 22 Upper Jaw
Temperature (Deg C)
Time (sec)
21.1
21.05
21
20.95
20.9
20.85
20.8
0
2000
4000
6000
8000
10000
12000
14000
16000
Measurements
Background
Background Fit

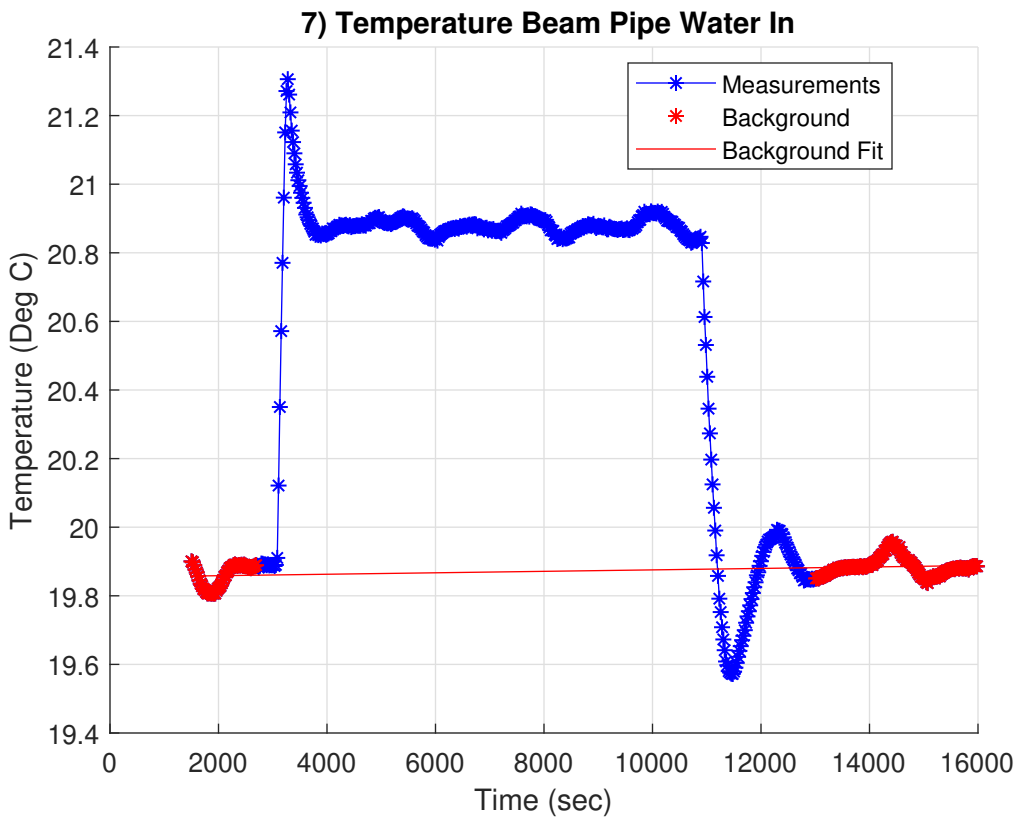

4) Temperature Magnet 22 Upper Jaw
Temperature Change (Deg C)
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

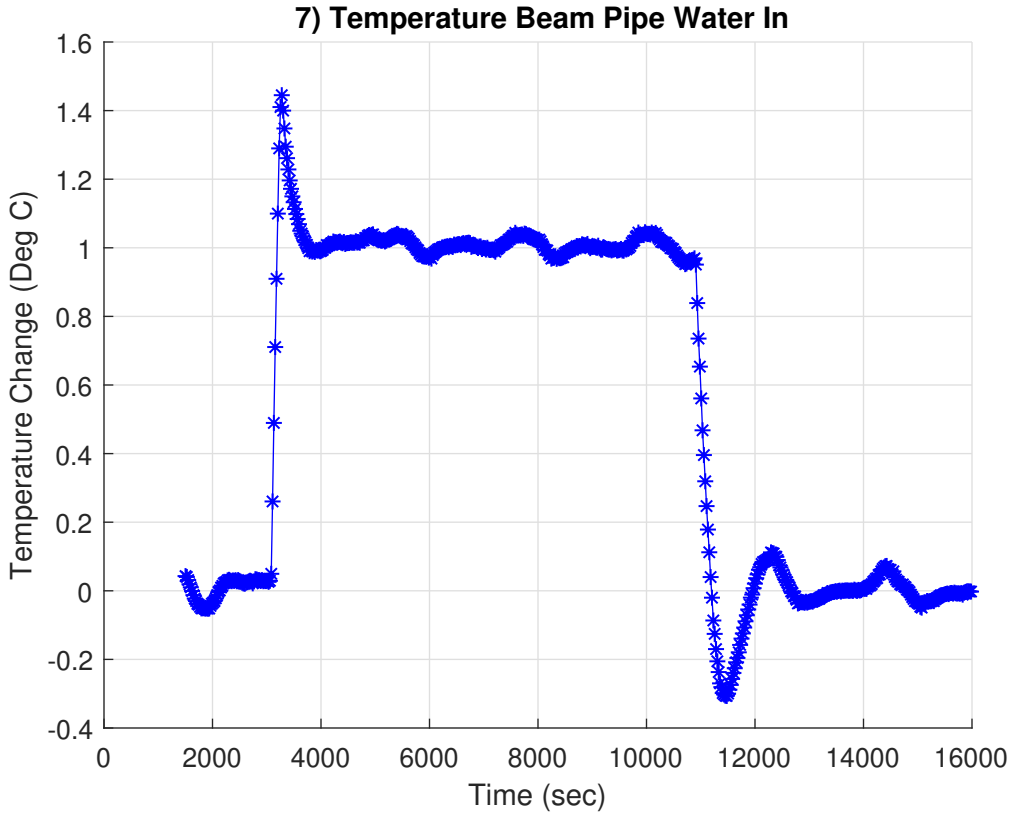

5) Temperature Beam Pipe Top At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
2000
4000
6000
8000
10000
12000
14000
16000

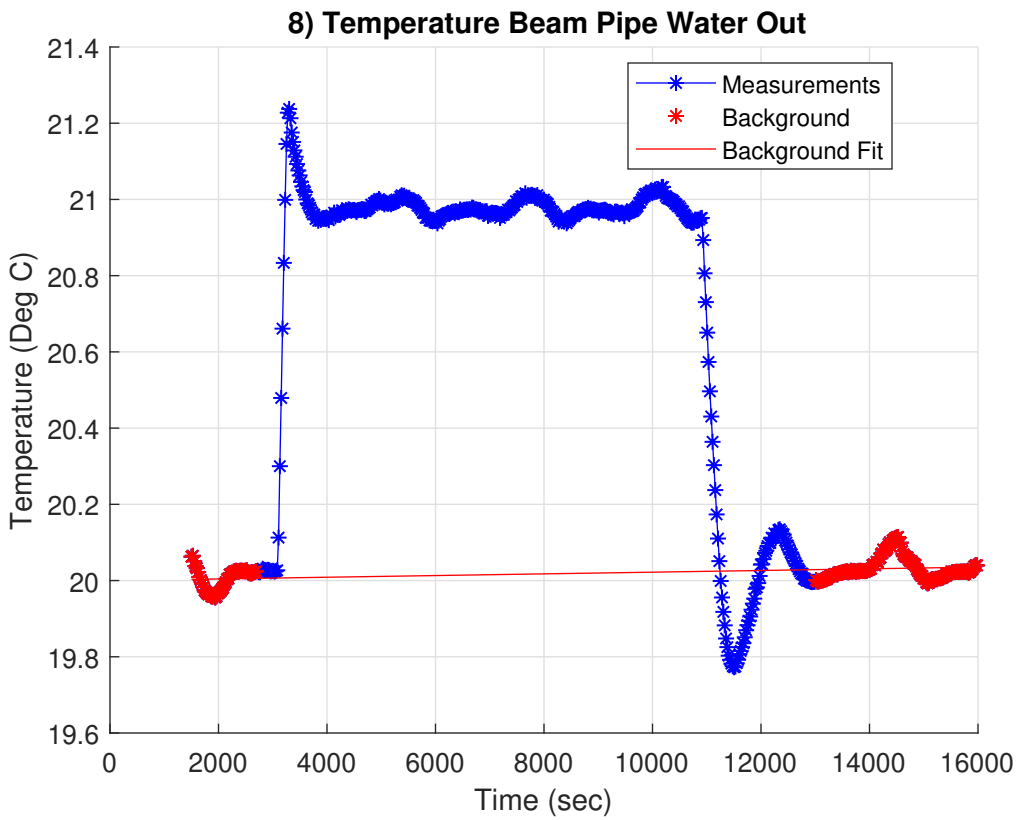

5) Temperature Beam Pipe Top At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

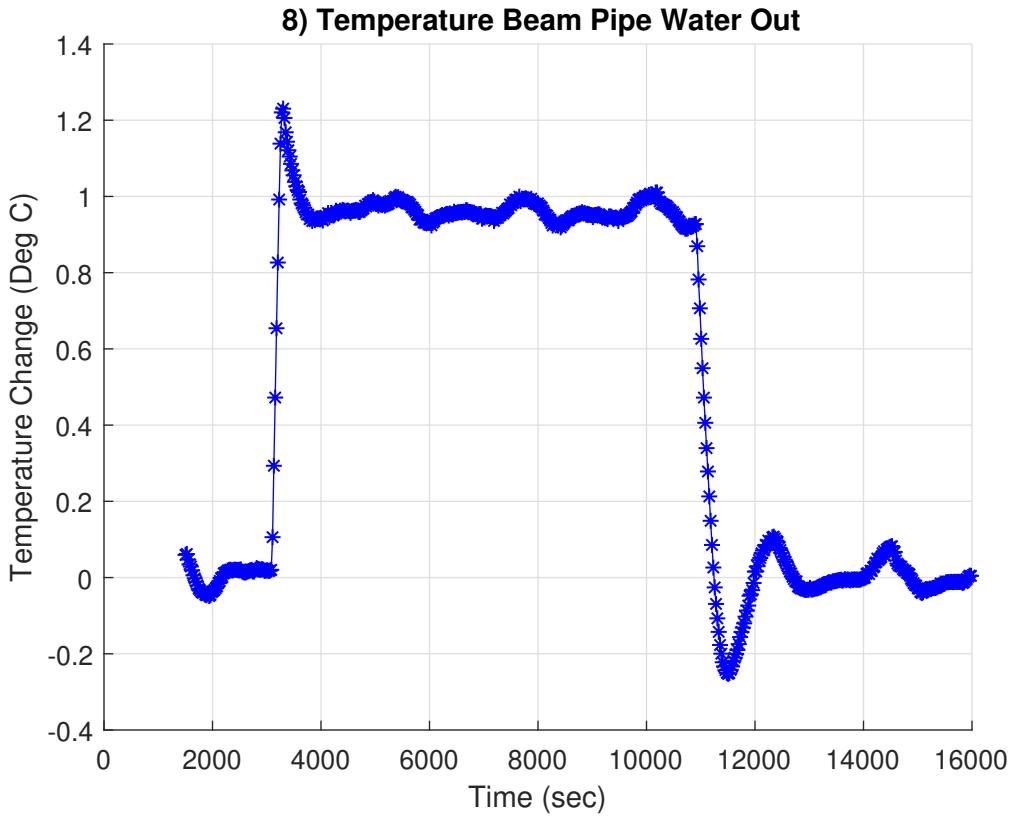

6) Temperature Beam Pipe Bottom At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
2000
4000
6000
8000
10000
12000
14000
16000

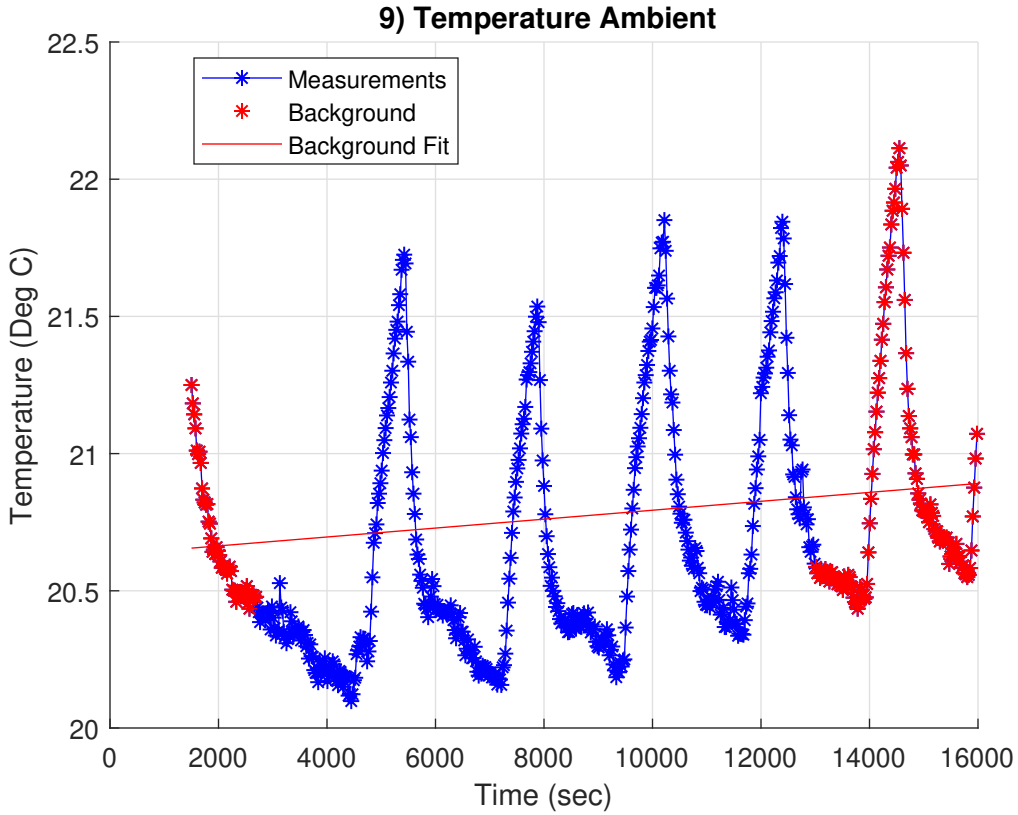

6) Temperature Beam Pipe Bottom At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)

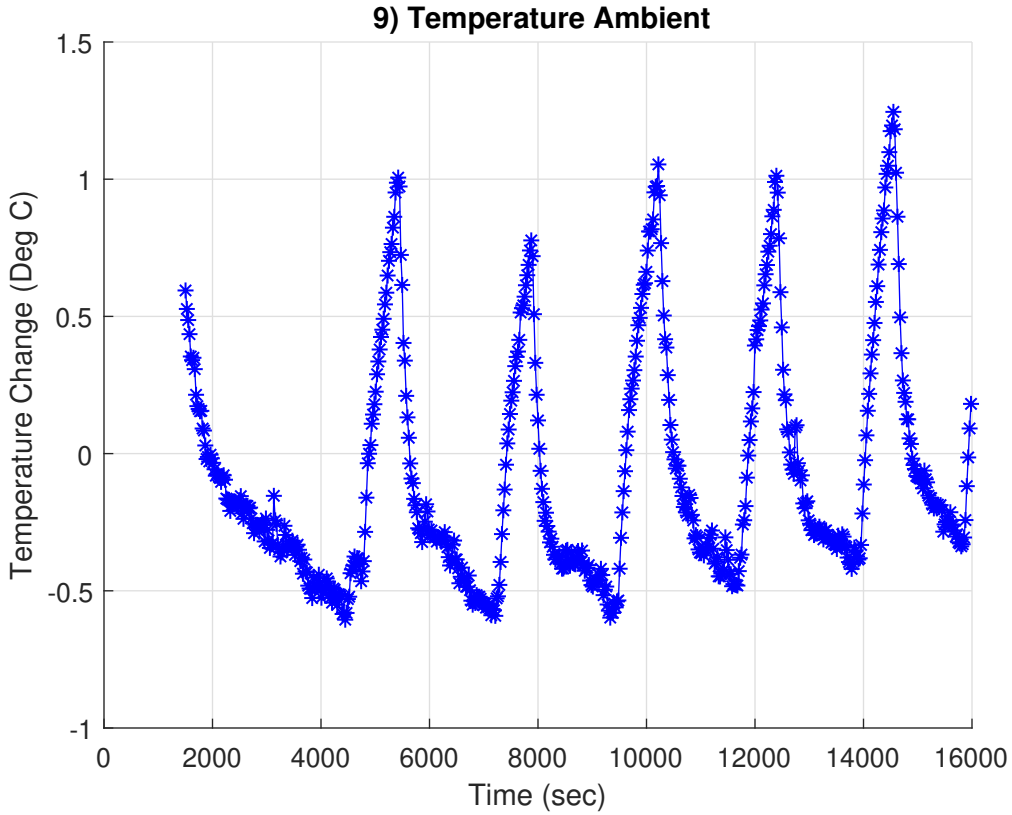

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
19.4
0
2000
4000
6000
8000
10000
12000
14000
16000


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)


8) Temperature Beam Pipe Water Out
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
2000
4000
6000
8000
10000
12000
14000
16000


8) Temperature Beam Pipe Water Out
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)


9) Temperature Ambient
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
22.5
22
21.5
21
20.5
20
0
2000
4000
6000
8000
10000
12000
14000
16000


9) Temperature Ambient
Temperature Change (Deg C)
1.5
1
0.5
0
-0.5
-1
0
2000
4000
6000
8000
10000
12000
14000
16000
Time (sec)