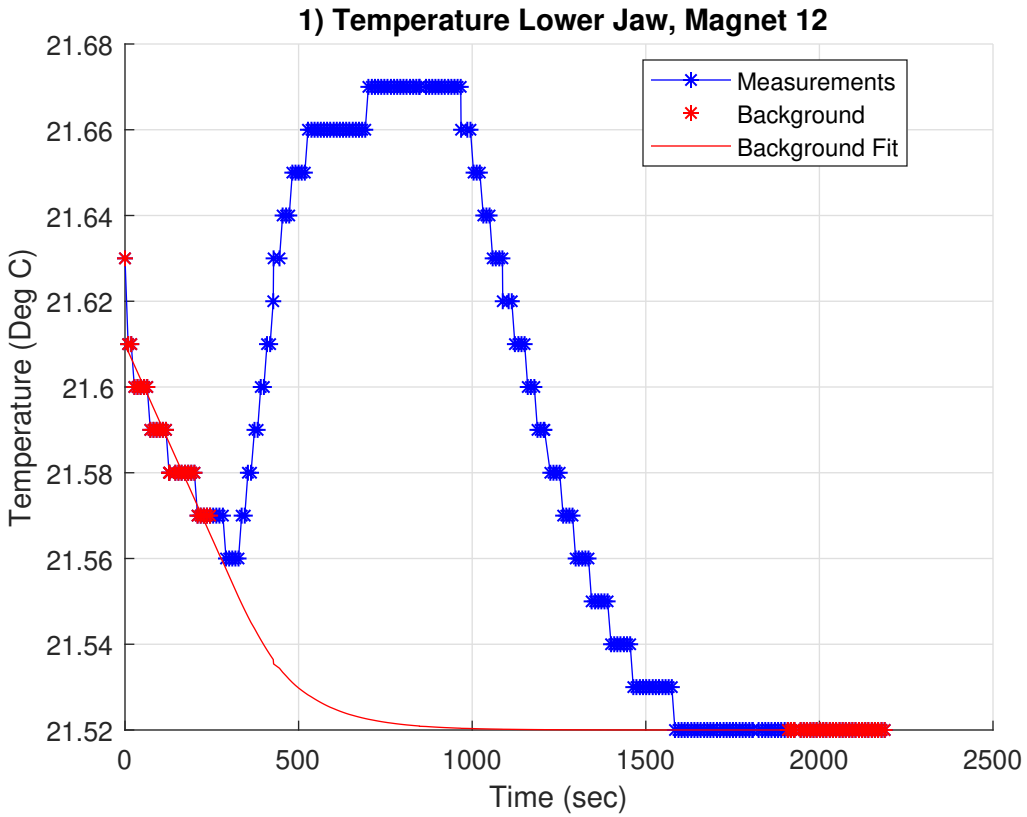
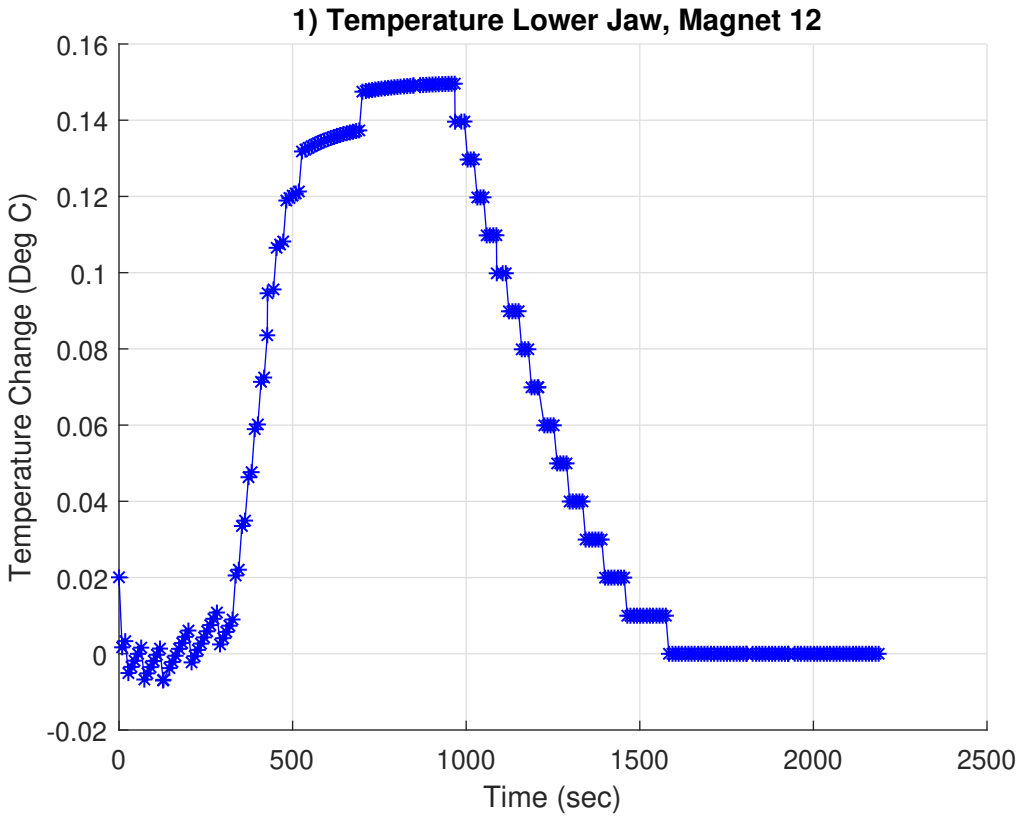
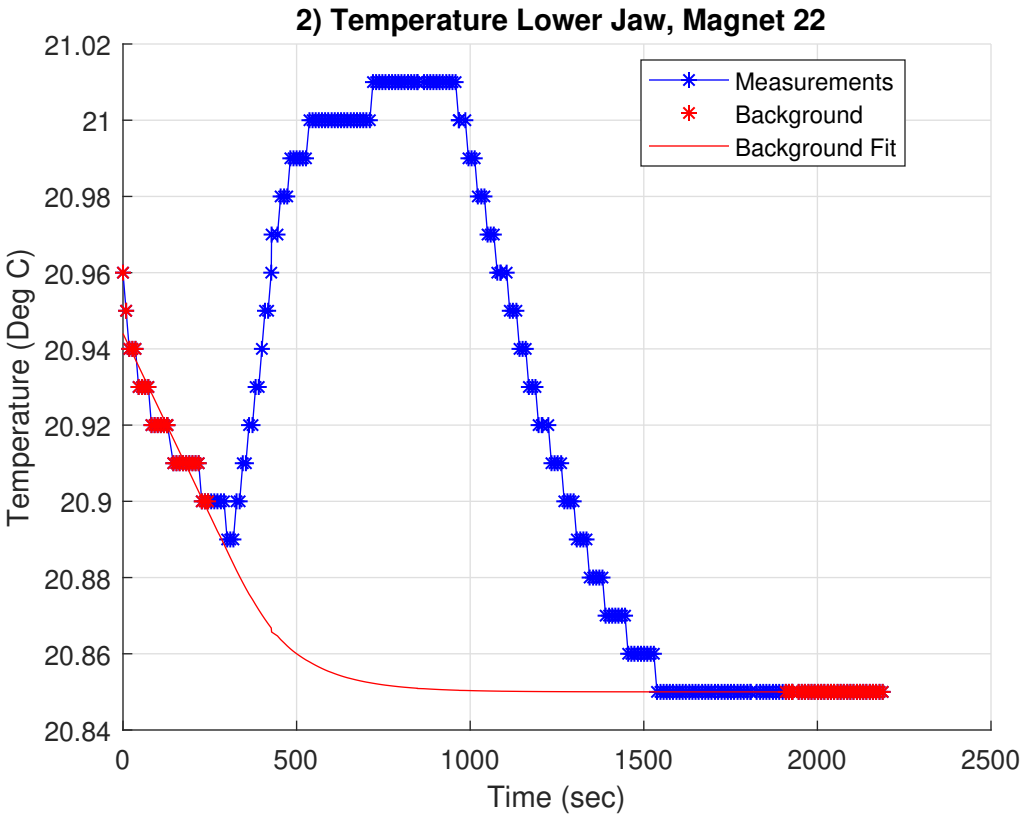
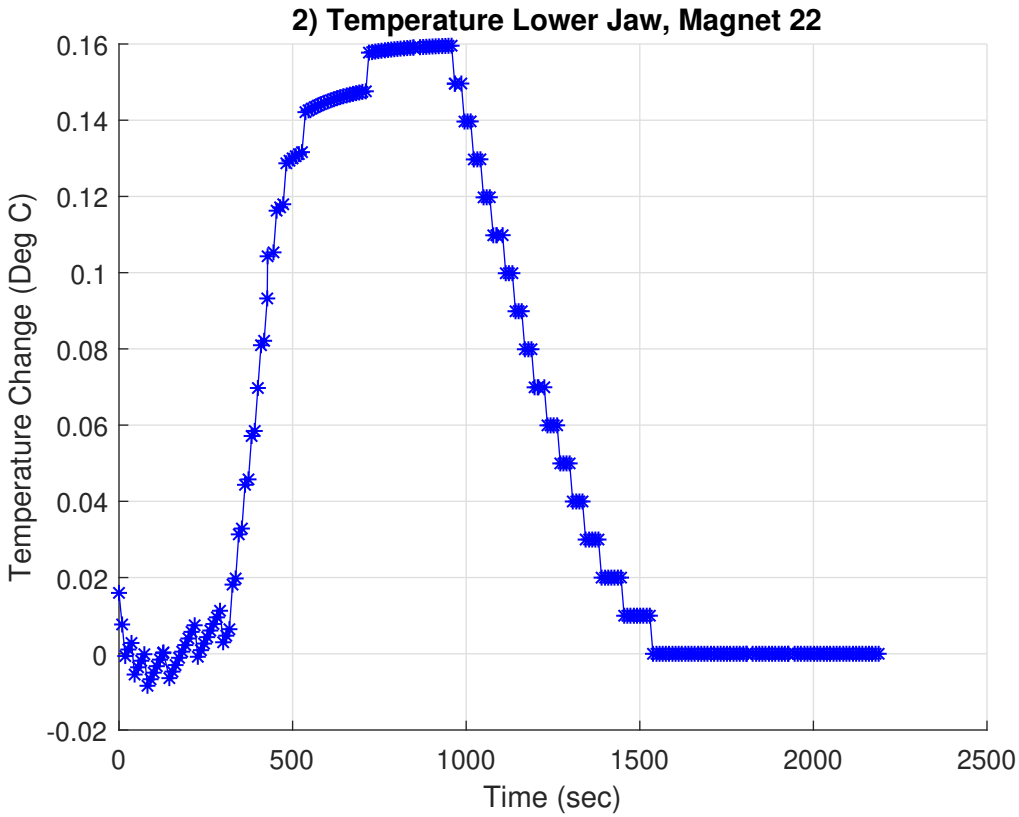
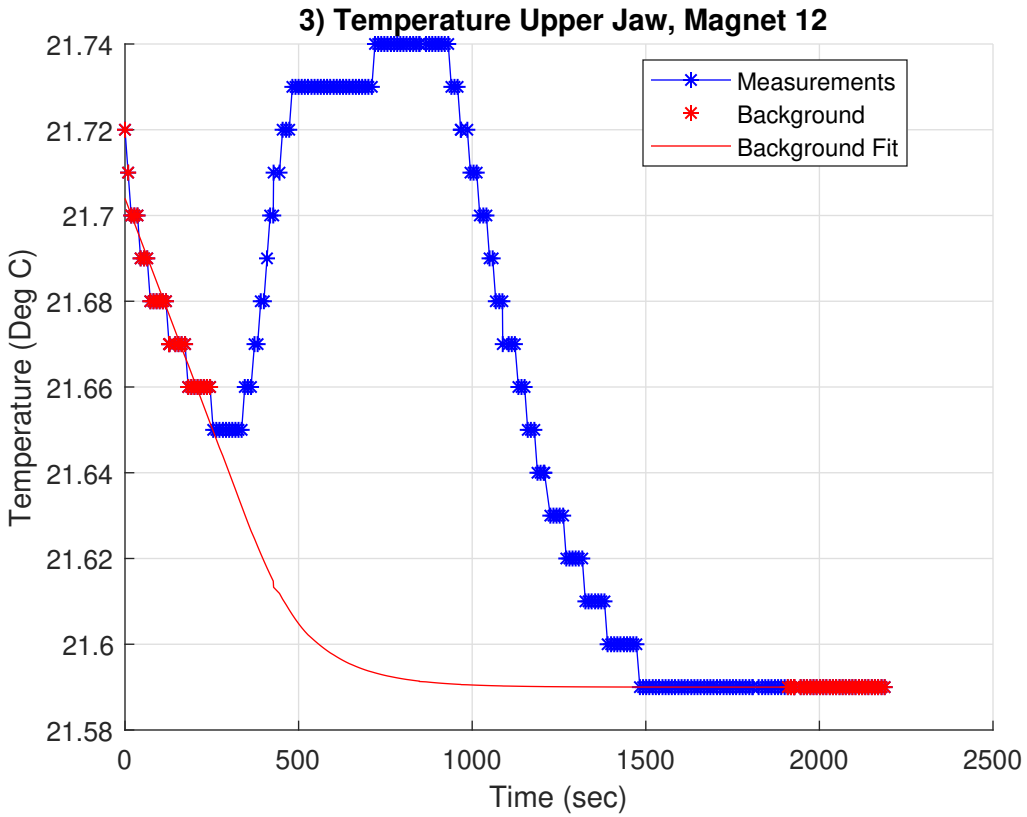
SLAC Magnetic Measurements#
Date: 07-19-2018#
Time: 16:49:50#

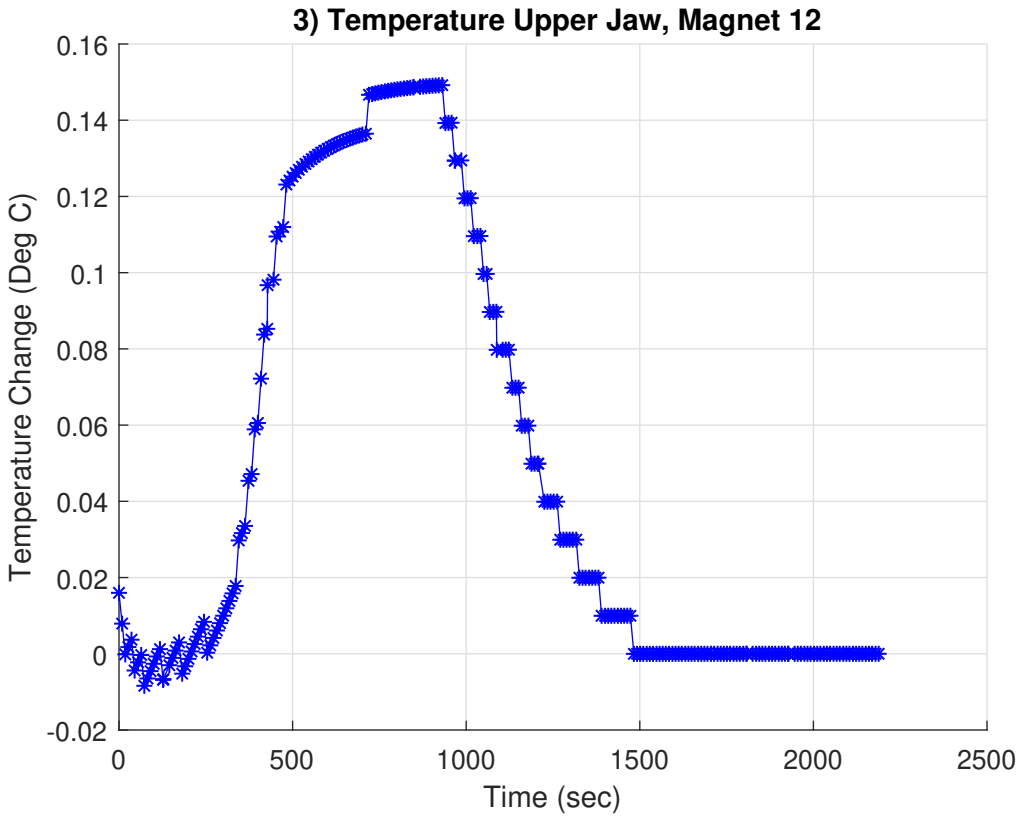

1) Temperature Lower Jaw, Magnet 12
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.68
21.66
21.64
21.62
21.6
21.58
21.56
21.54
21.52
0
500
1000
1500
2000
2500

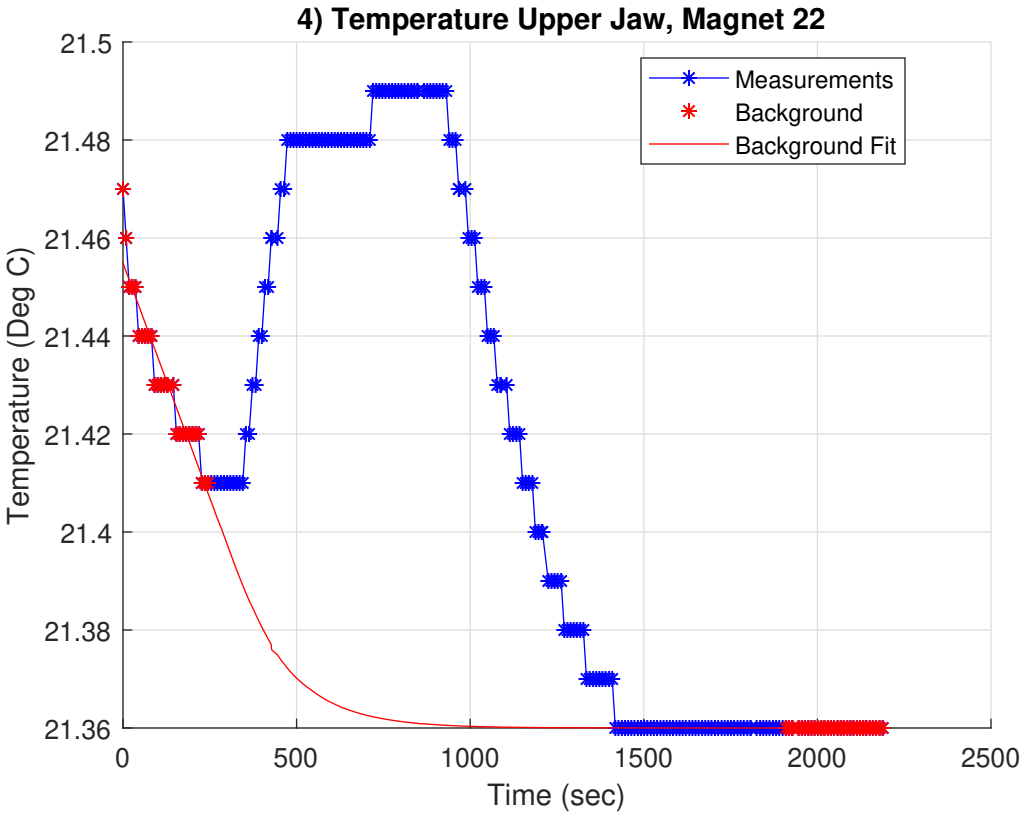

1) Temperature Lower Jaw, Magnet 12
Temperature Change (Deg C)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
500
1000
1500
2000
2500
Time (sec)

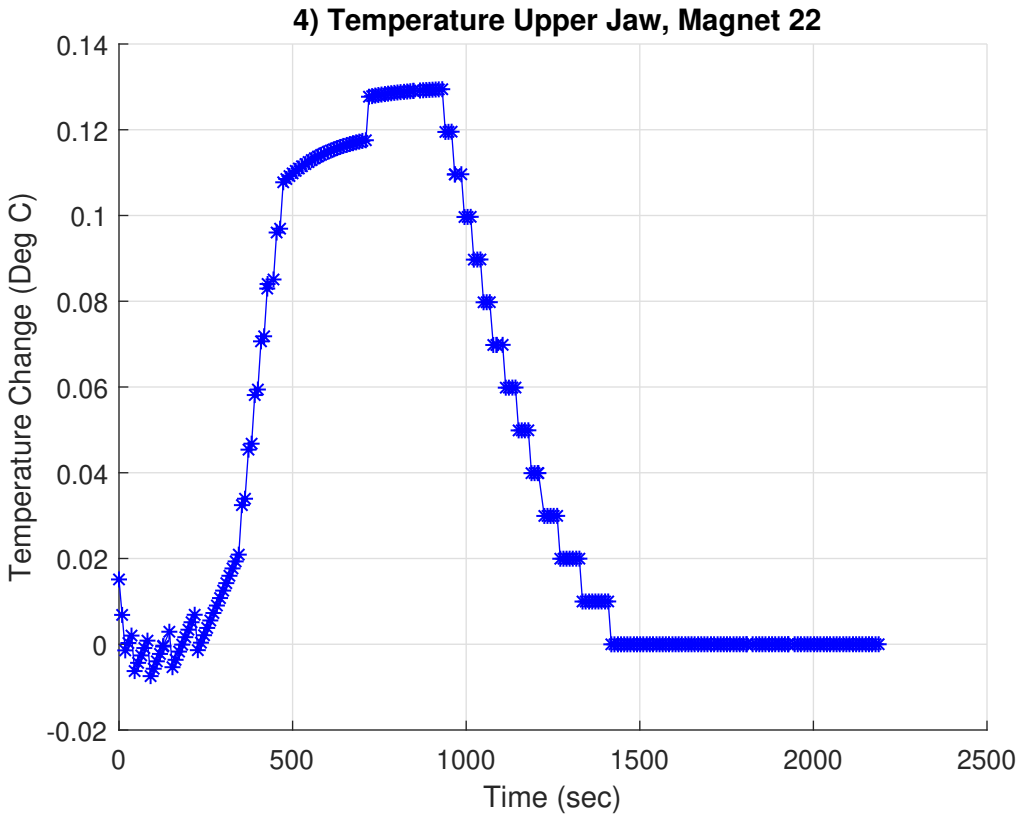

2) Temperature Lower Jaw, Magnet 22
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.02
21
20.98
20.96
20.94
20.92
20.9
20.88
20.86
20.84
0
500
1000
1500
2000
2500

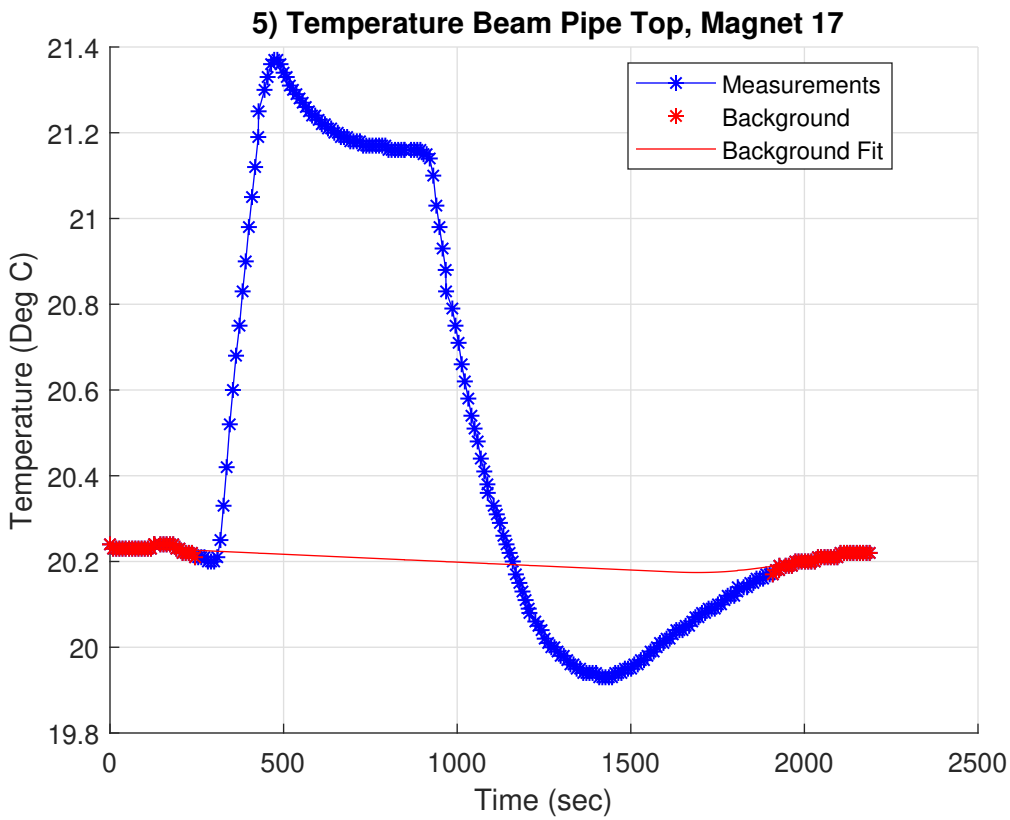

2) Temperature Lower Jaw, Magnet 22
Temperature Change (Deg C)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
500
1000
1500
2000
2500
Time (sec)

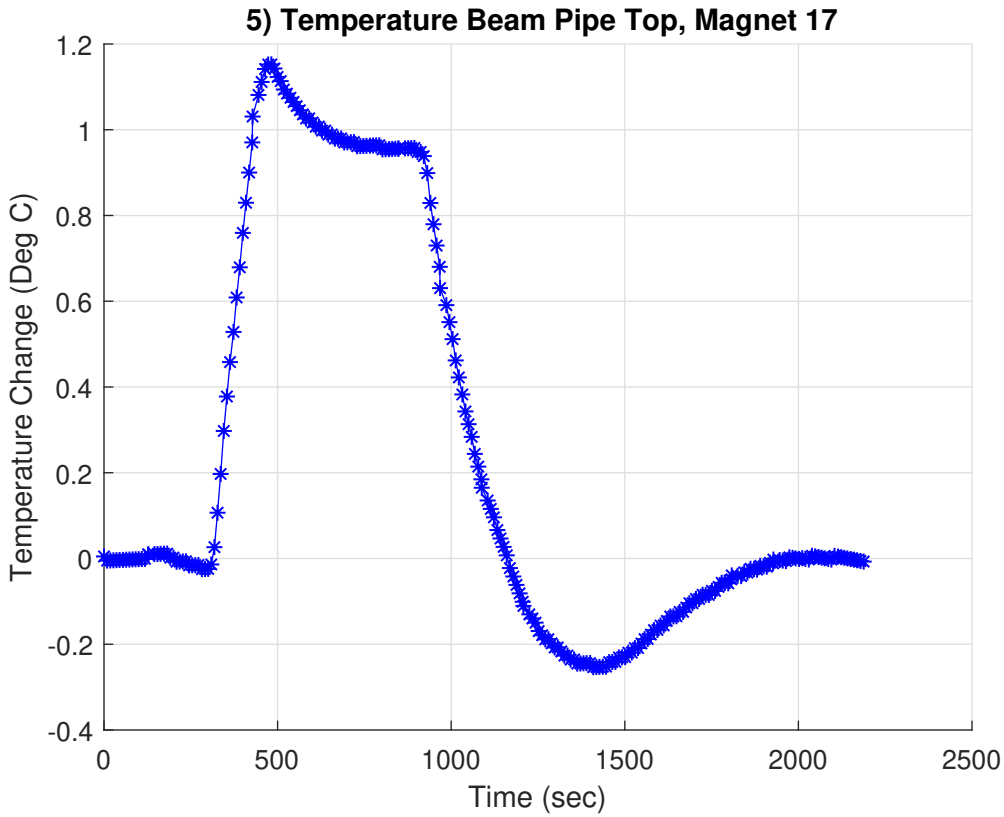

3) Temperature Upper Jaw, Magnet 12
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.74
21.72
21.7
21.68
21.66
21.64
21.62
21.6
21.58
0
500
1000
1500
2000
2500

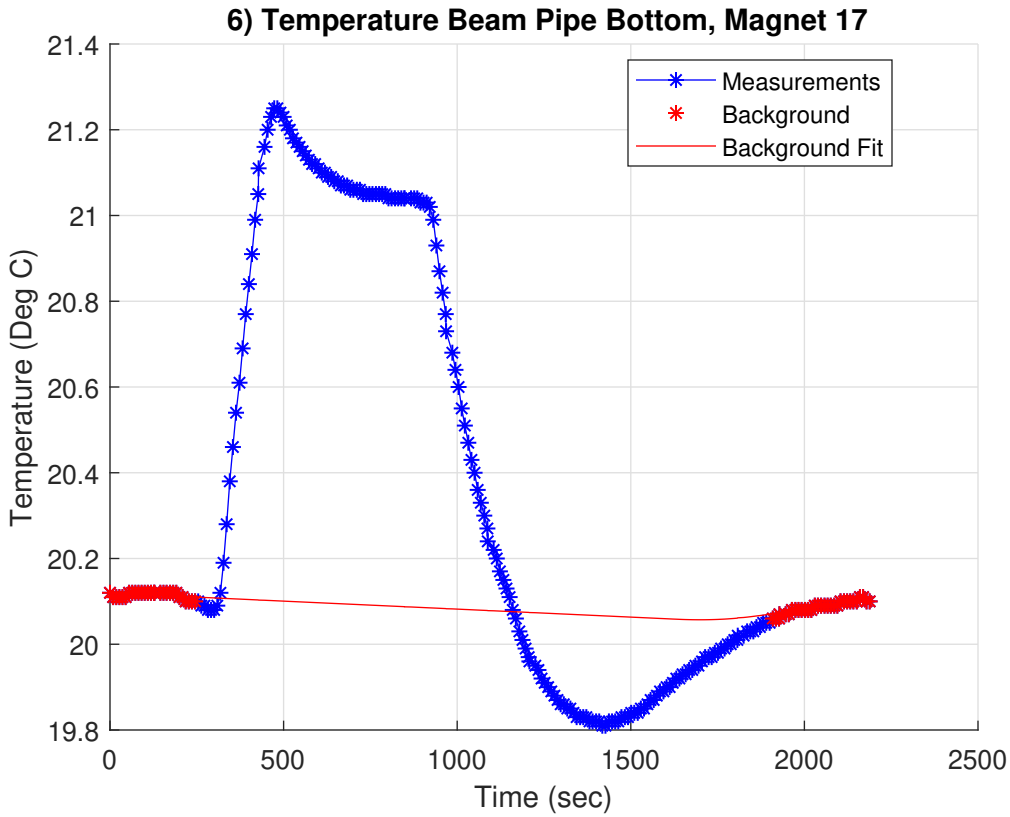

3) Temperature Upper Jaw, Magnet 12
Temperature Change (Deg C)
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
500
1000
1500
2000
2500
Time (sec)

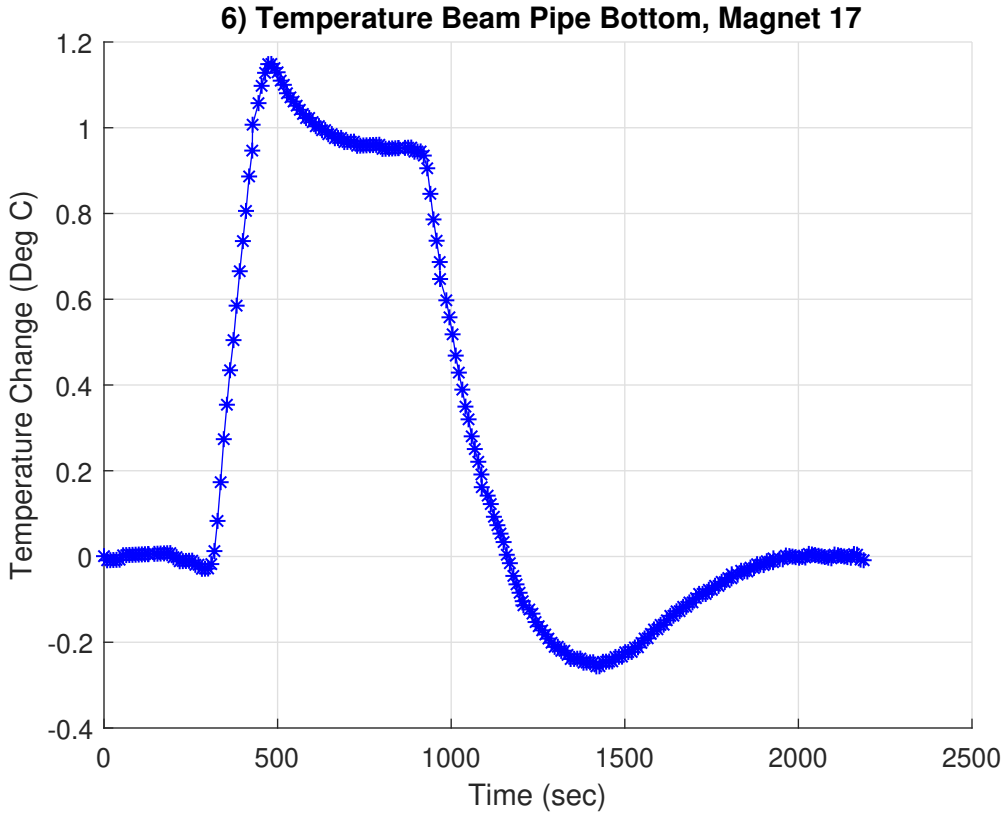

4) Temperature Upper Jaw, Magnet 22
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.5
21.48
21.46
21.44
21.42
21.4
21.38
21.36
0
500
1000
1500
2000
2500

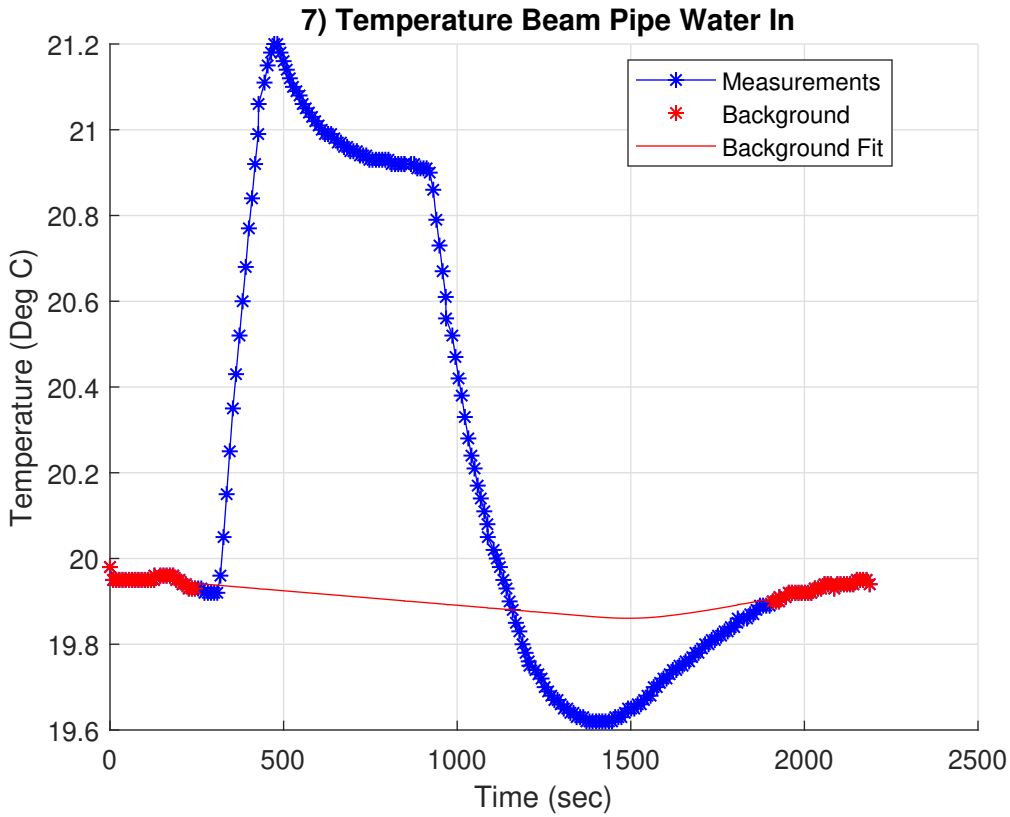

4) Temperature Upper Jaw, Magnet 22
Temperature Change (Deg C)
Time (sec)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
500
1000
1500
2000
2500

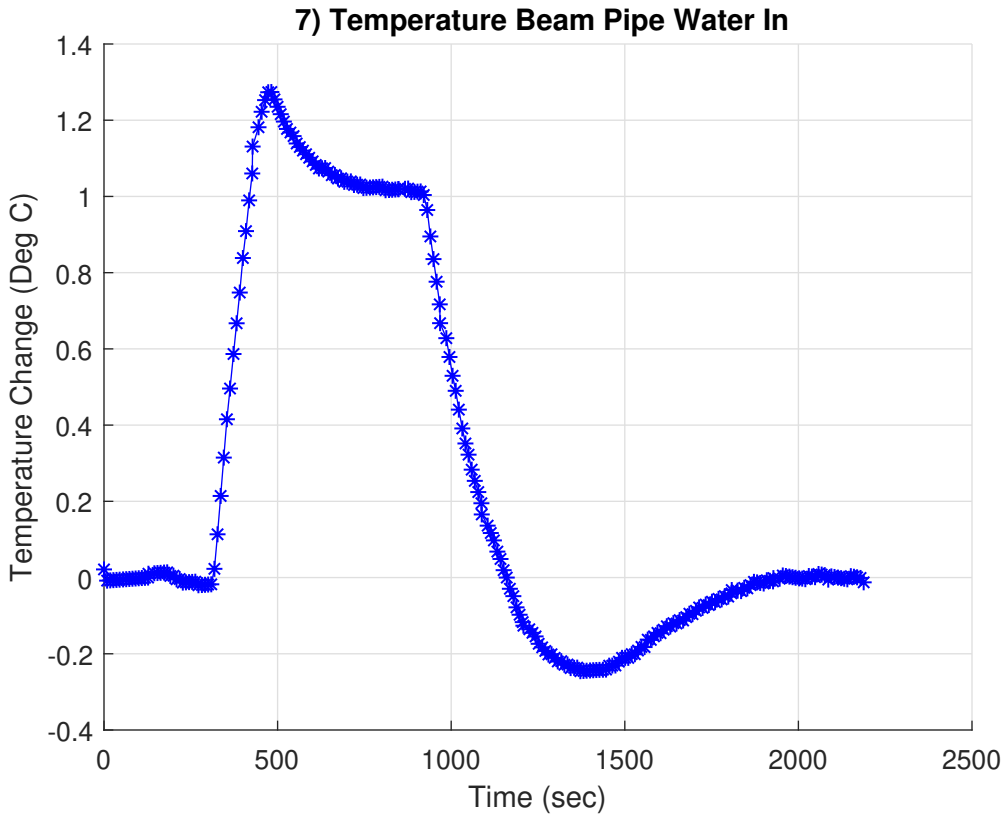

5) Temperature Beam Pipe Top, Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
500
1000
1500
2000
2500

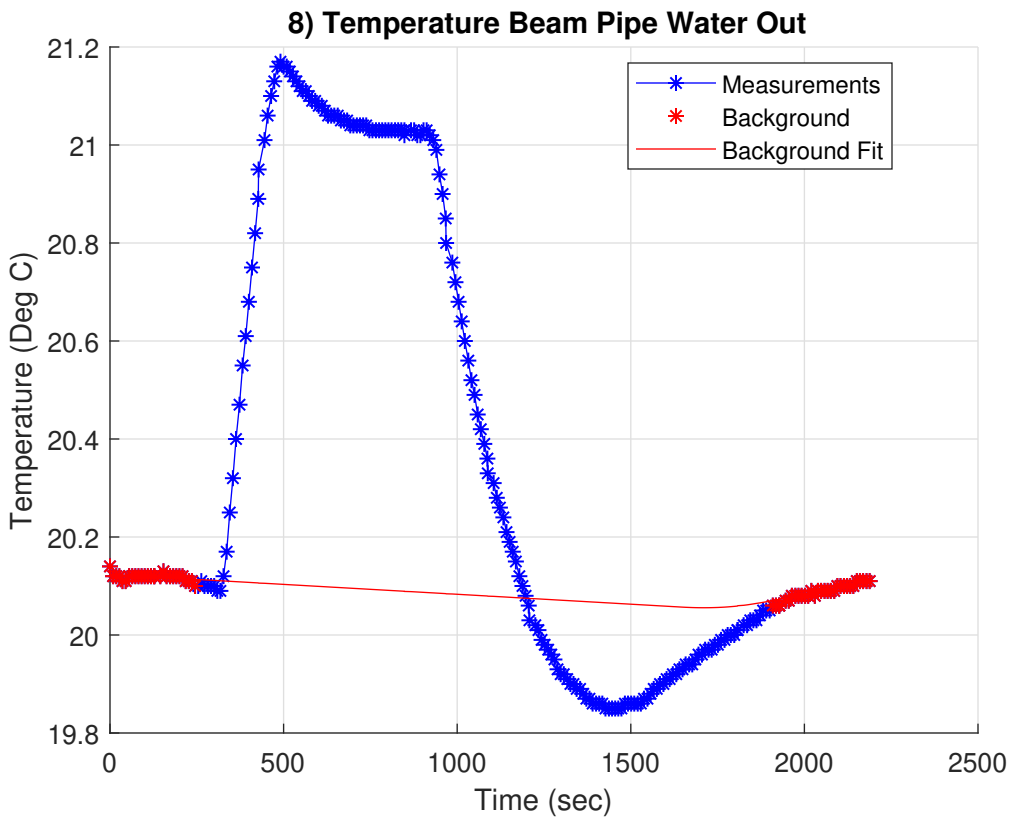

5) Temperature Beam Pipe Top, Magnet 17
Temperature Change (Deg C)
Time (sec)
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
500
1000
1500
2000
2500

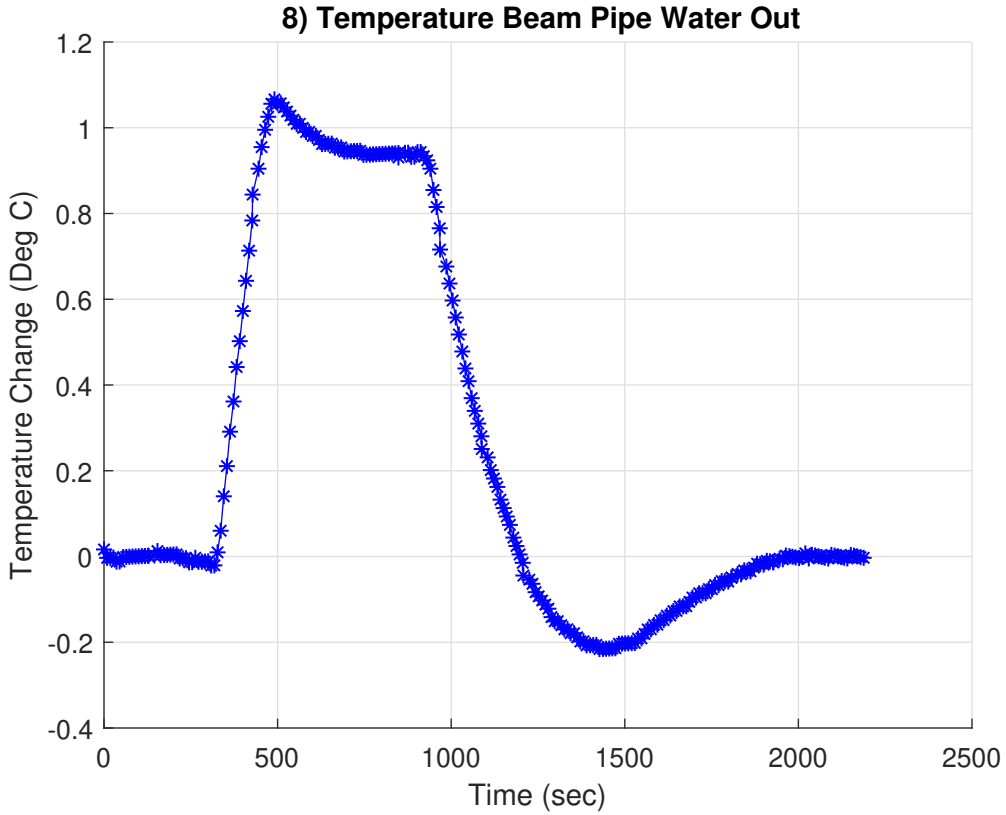

6) Temperature Beam Pipe Bottom, Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
500
1000
1500
2000
2500

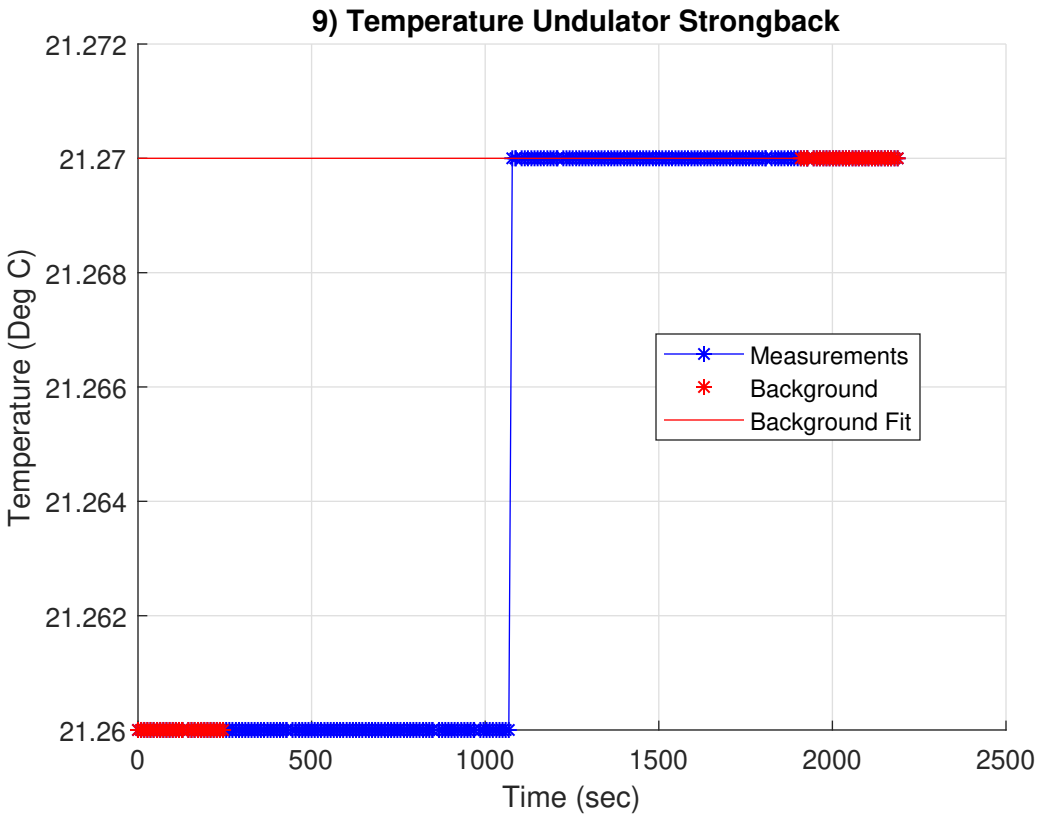

6) Temperature Beam Pipe Bottom, Magnet 17
Temperature Change (Deg C)
Time (sec)
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
500
1000
1500
2000
2500

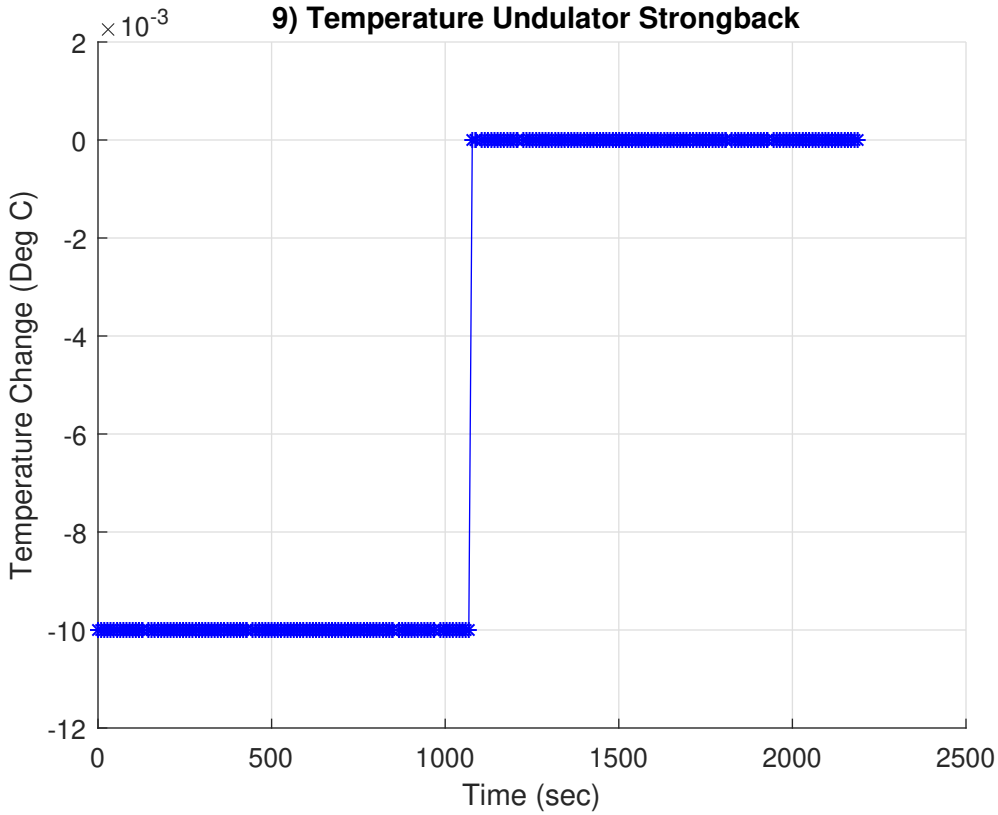

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
500
1000
1500
2000
2500


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
Time (sec)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
500
1000
1500
2000
2500


8) Temperature Beam Pipe Water Out
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
500
1000
1500
2000
2500


8) Temperature Beam Pipe Water Out
Temperature Change (Deg C)
Time (sec)
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
500
1000
1500
2000
2500


9) Temperature Undulator Strongback
21.272
21.27
21.268
21.266
21.264
21.262
21.26
Temperature (Deg C)
0
500
1000
1500
2000
2500
Time (sec)
Measurements
Background
Background Fit


9) Temperature Undulator Strongback
×10-3
2
0
-2
-4
-6
-8
-10
-12
Temperature Change (Deg C)
0
500
1000
1500
2000
2500
Time (sec)