SLAC Magnetic Measurements
Long Coil Analysis

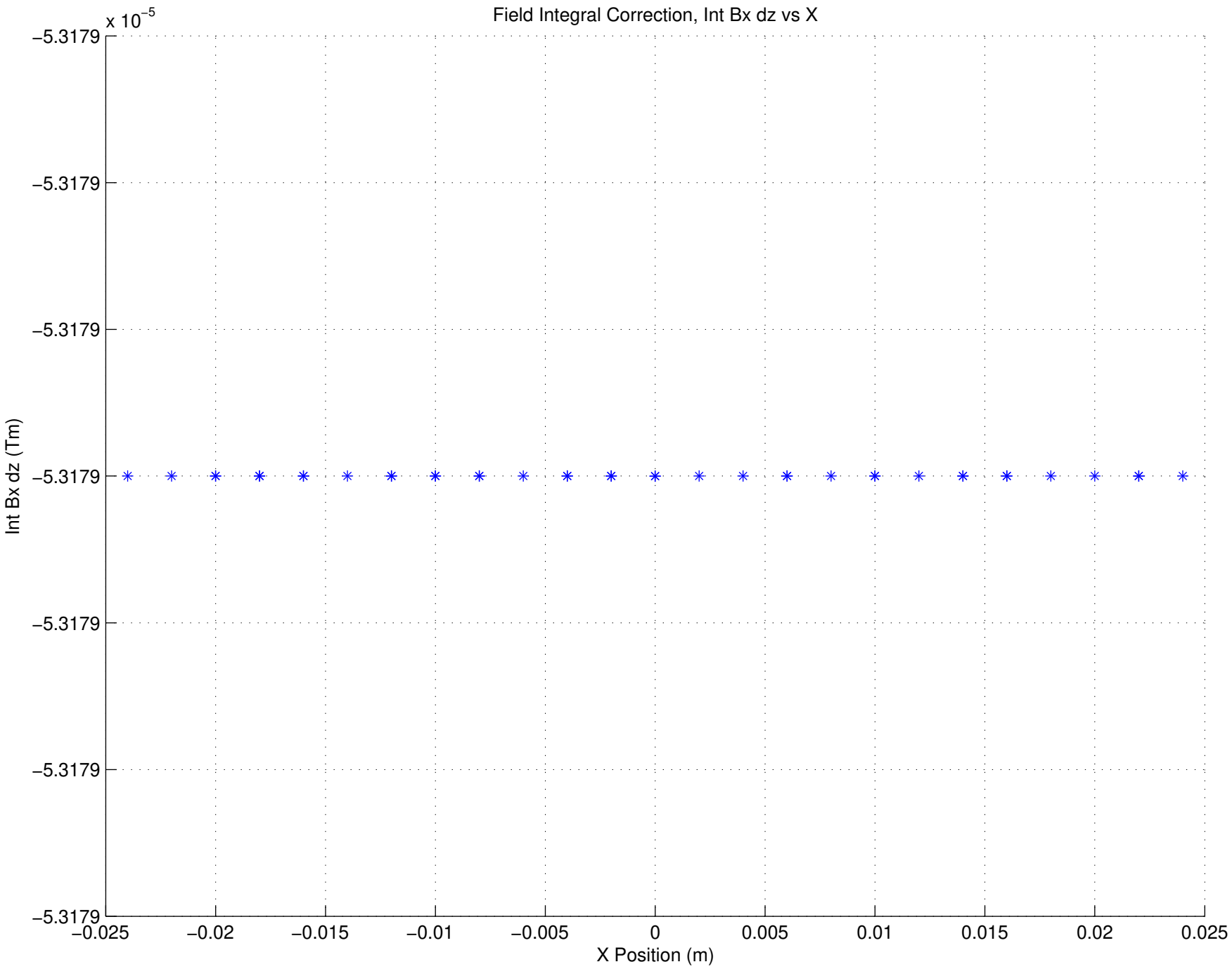
Header:
SLAC Magnetic Measurements
Date: 09−05−2008
Time: 18:28:21

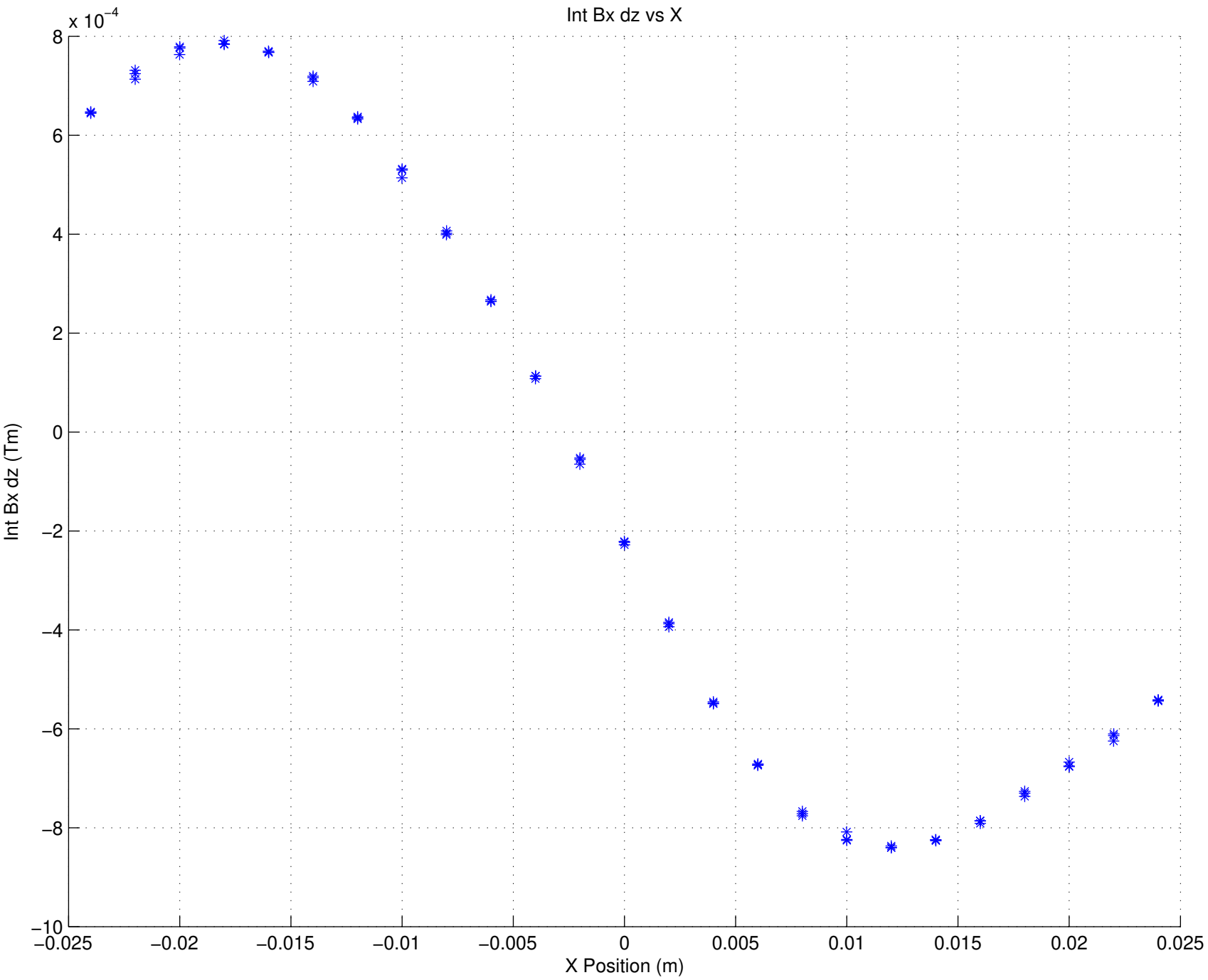
Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: mag000
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 2
Measurement Type: Long Coil Scans
Operator: ADR
Comment: vert. (row phase = 0); gap=18.502;

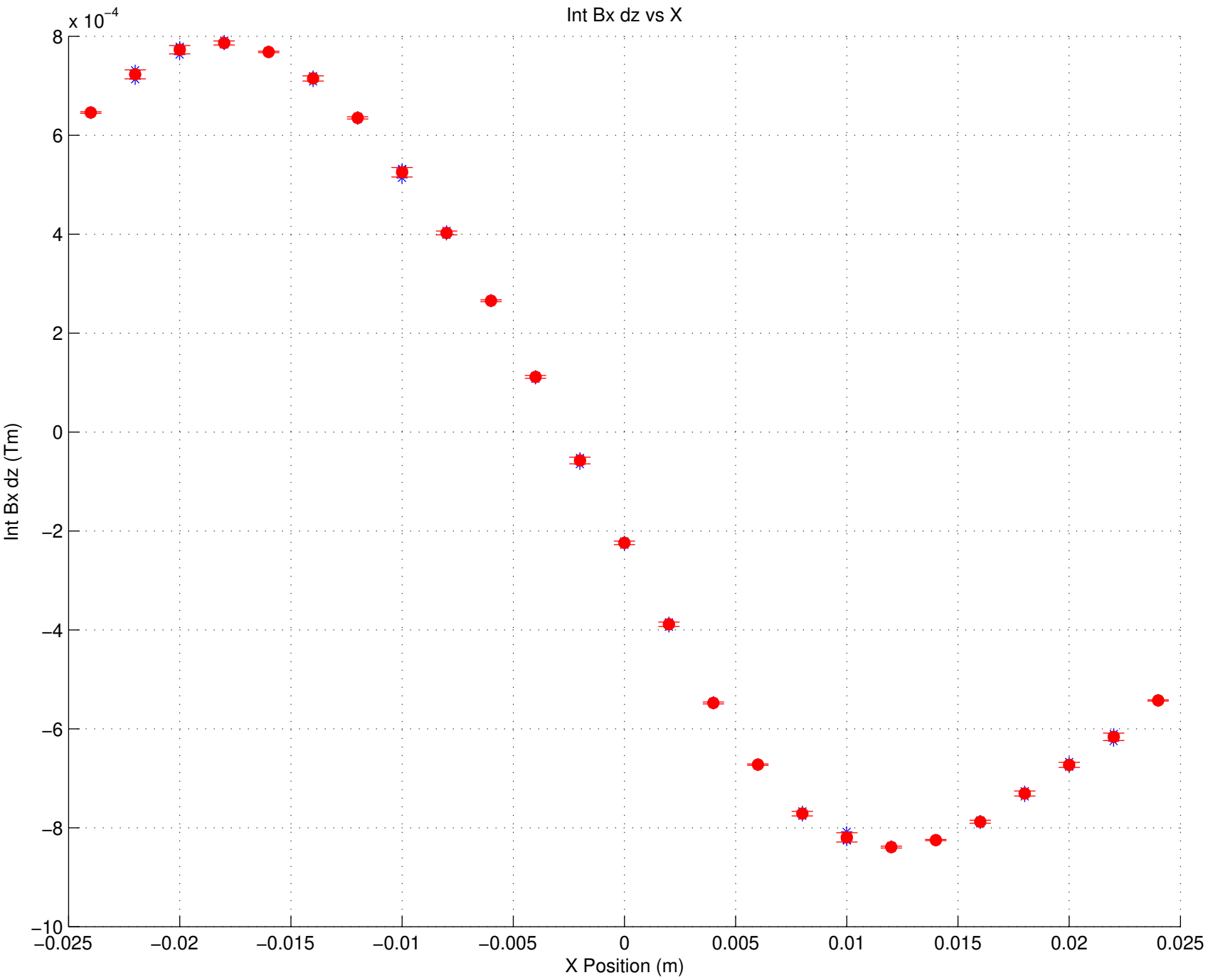
Temperature: Temperature:dummies

Scan number	Position m	Raw value Volt*sec	Integral T*m

Parameters:
INPUT−FILE−DIR =V:\MET\MagServe\MagData\SSRL\Undulator\BL13 Carr EPU\Run 002−18.5−vert−I1−BxvX\
INPUT−FILE−NAME =00−I1X−x+−24000−y+00000−ufint−integrals.txt


Field Integral Correction, Int Bx dz vs X
x 10^-5
−5.3179
−5.3179
−5.3179
−5.3179
−5.3179
−5.3179
Int Bx dz (Tm)
−0.025
−0.02
−0.015
−0.01
−0.005
0
0.005
0.01
0.015
0.02
0.025
X Position (m)


Int Bx dz vs X
x 10^-4
8
6
4
2
0
−2
−4
−6
−8
−10
Int Bx dz (Tm)
−0.025
−0.02
−0.015
−0.01
−0.005
0
0.005
0.01
0.015
0.02
0.025
X Position (m)


Int Bx dz vs X
x 10^-4
8
6
4
2
0
−2
−4
−6
−8
−10
Int Bx dz (Tm)
−0.025
−0.02
−0.015
−0.01
−0.005
0
0.005
0.01
0.015
0.02
0.025
X Position (m)