SLAC Magnetic Measurements
Long Coil Analysis

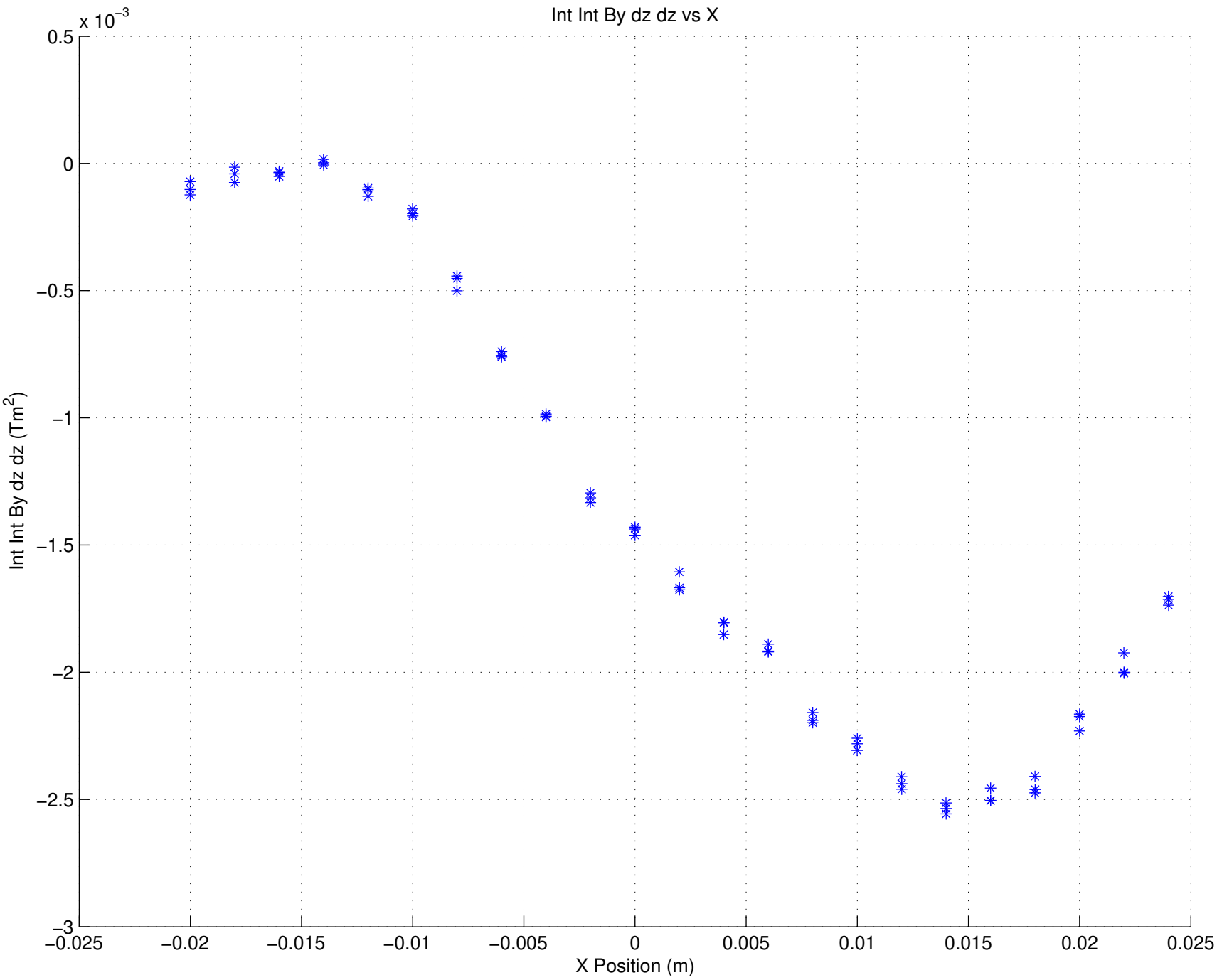
Header:
SLAC Magnetic Measurements
Date: 09−07−2008
Time: 18:40:16

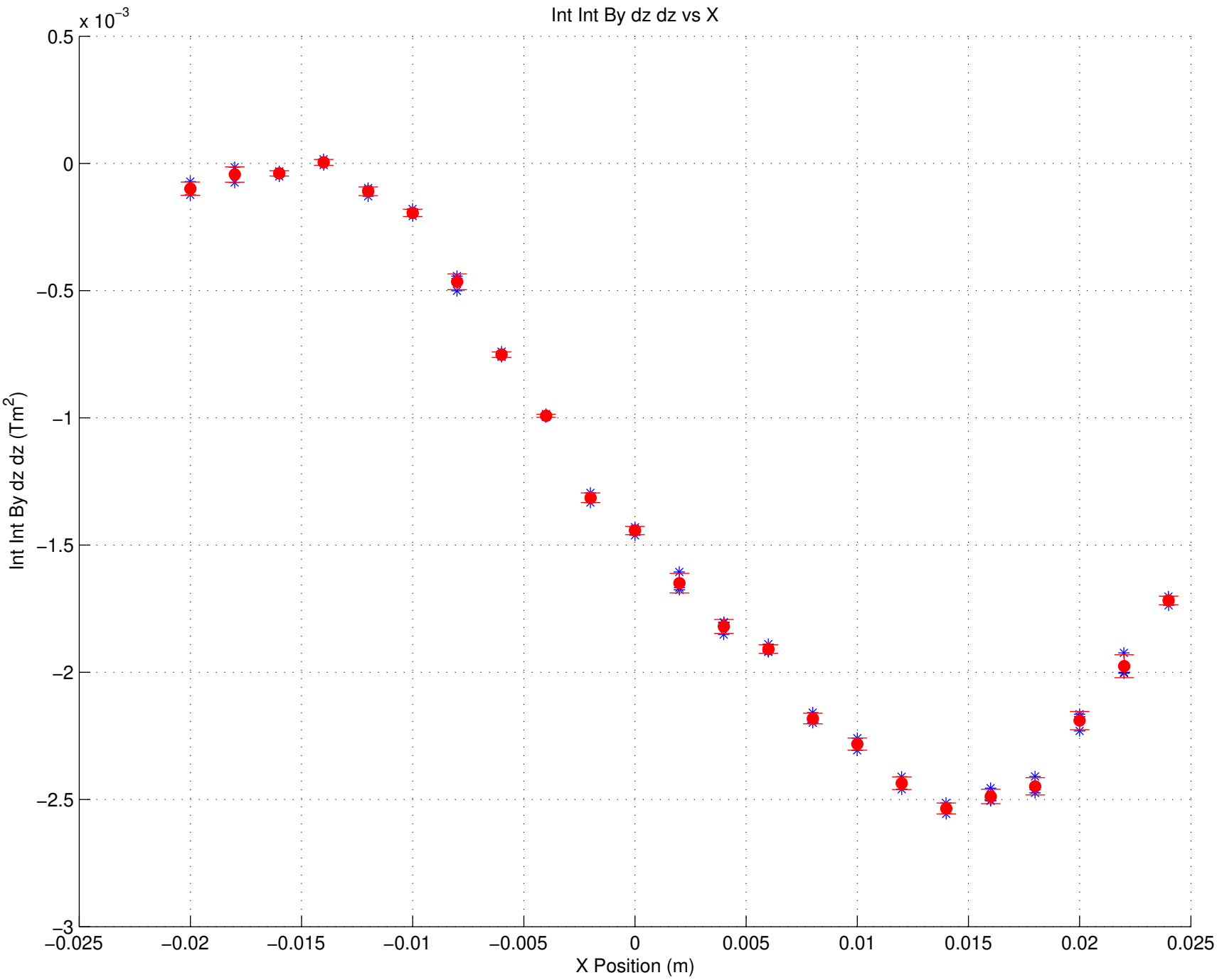
Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: mag000
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 6
Measurement Type: Long Coil Scans
Operator: ADR
Comment: horiz (row phase = =1.044; gap=18.500)

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 006−18.5−horiz−I2−ByvX\
INPUT−FILE−NAME =ufint−integrals.txt


Int Int By dz dz vs X
x 10^-3
0.5
0
−0.5
−1
−1.5
−2
−2.5
−3
Int Int By dz dz (Tm^2)
−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 Int By dz dz vs X
x 10^-3
0.5
0
−0.5
−1
−1.5
−2
−2.5
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Int Int By dz dz (Tm^2)
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−0.02
−0.015
−0.01
−0.005
0
0.005
0.01
0.015
0.02
0.025
X Position (m)