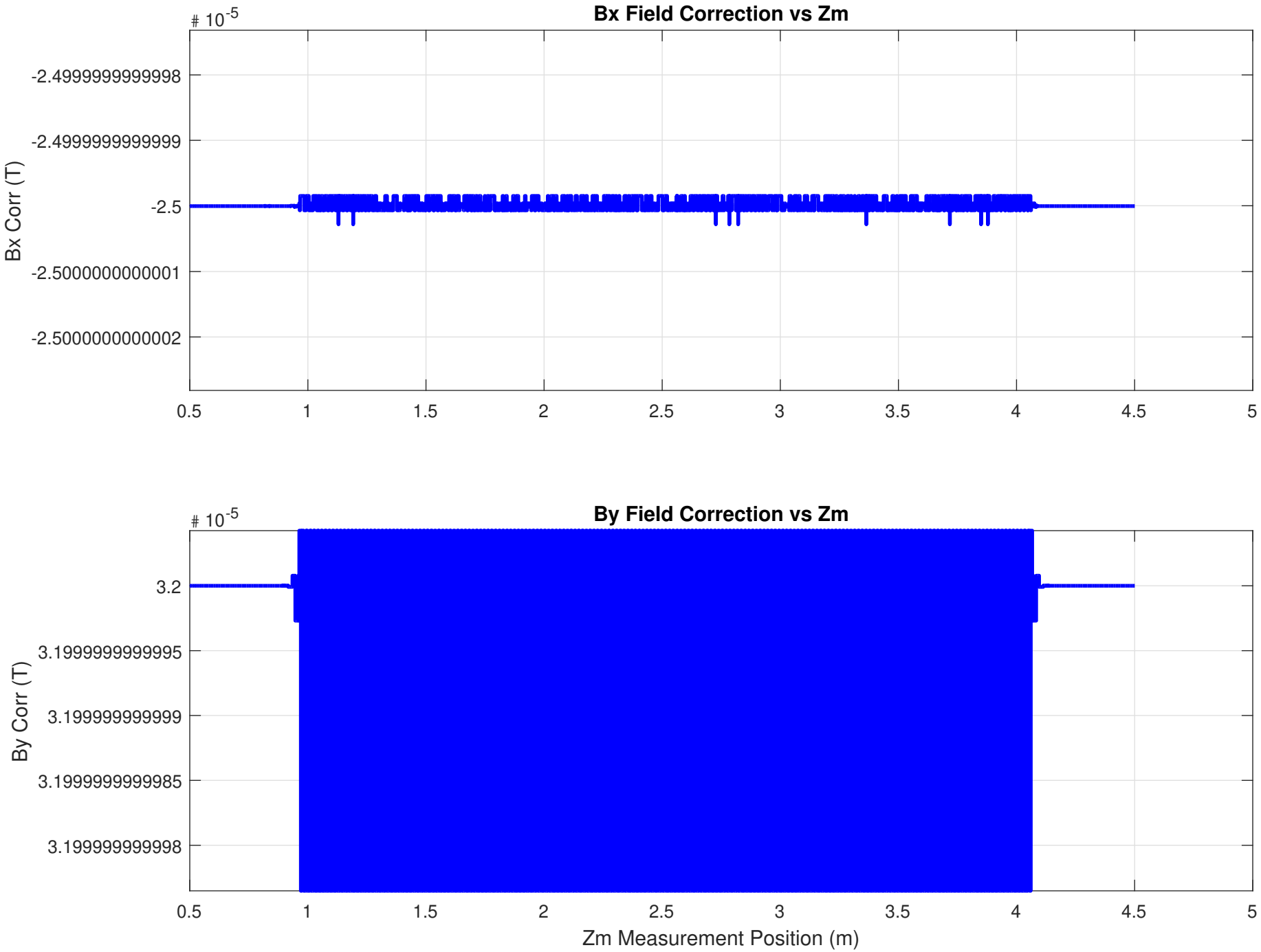
SLAC Magnetic Measurements

Planar Insertion Device Analysis

Parameters:
INPUT-FILE-DIR =s:\MagData\LCLS\Undulator\DELTA\DATASET0007\Fine Tuning\Z Scans\Run 023\
INPUT-FILE-NAME =x+00000-y+000-bscanz.dat
INPUT-FILE-TYPE =ZVXYBXYH
CORR-REQUIRED =1
GAMMA =26689
NOM-LAMBDA-U =0.03
NOM-K-VALUE =1.2374
NOM-LAMBDA-R =3.7181e-11
NUM-POLES =226
NUM-END-POLES =4
CELL-LENGTH =3.656


Bx Field Correction vs Zm
10^-5
-2.4999999999998
-2.4999999999999
-2.5
-2.5000000000001
-2.5000000000002
Bx Corr (T)
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
By Field Correction vs Zm
10^-5
3.2
3.1999999999995
3.199999999999
3.1999999999985
3.199999999998
By Corr (T)
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Zm Measurement Position (m)