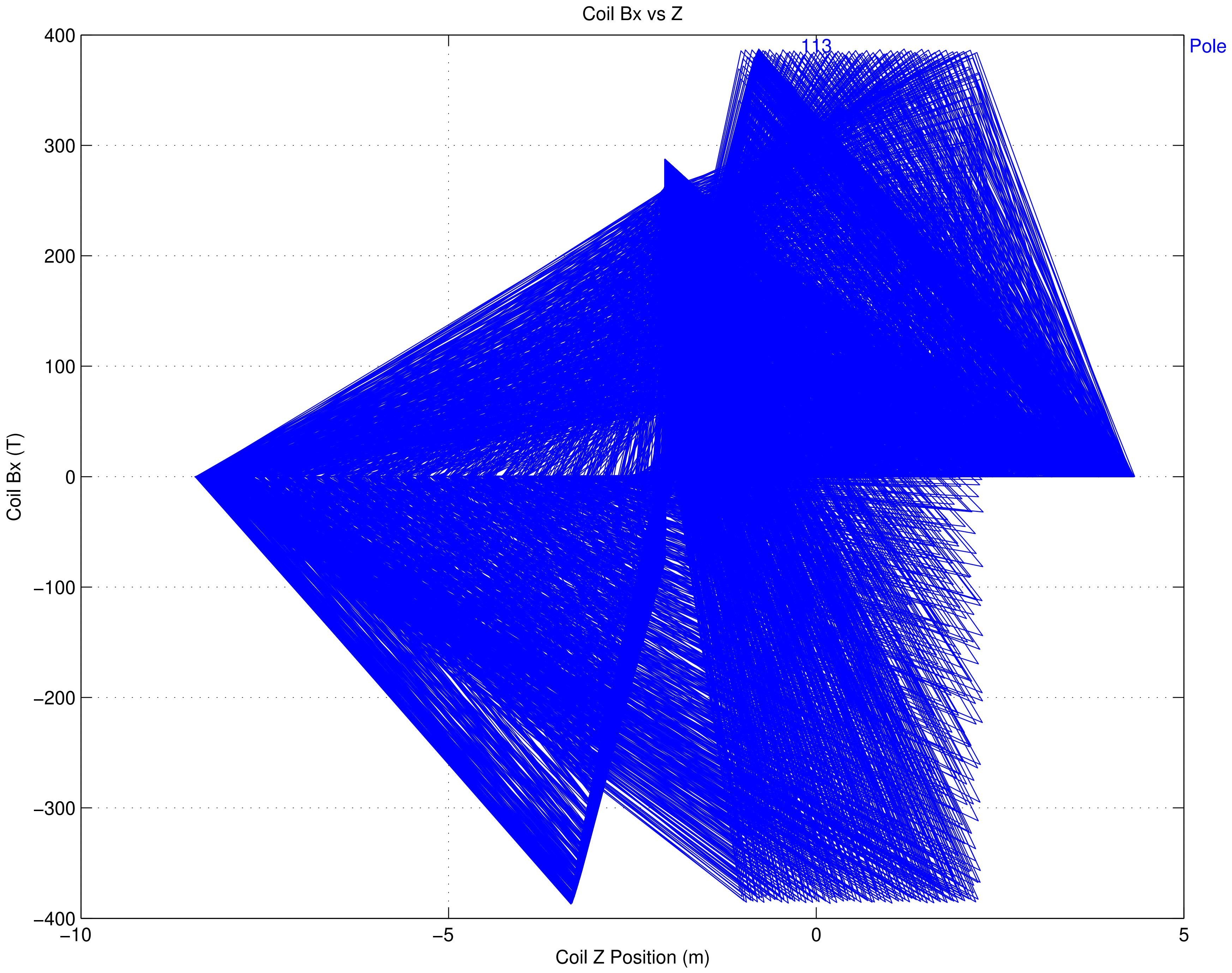
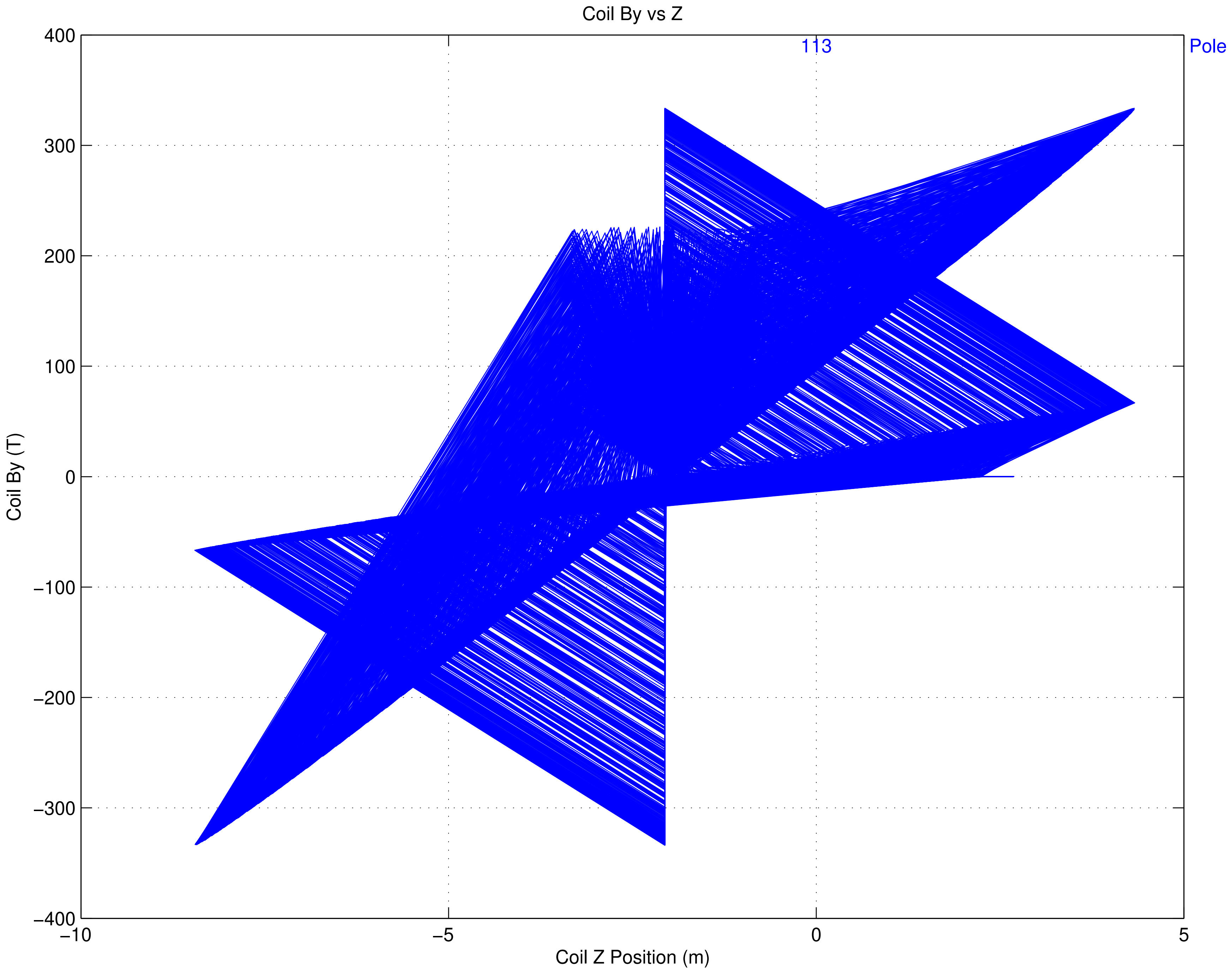
SLAC Magnetic Measurements

Coil Analysis

Parameters:
INPUT−FILE−DIR =S:\MagData\LCLS\Undulator\L143−112000−03\DATASET0001\Fine Tuning\Z Scans\Run 039\
INPUT−FILE−NAME =bscanz−dat.001
INPUT−FILE−TYPE =ZVXYBXYC
GAMMA =26641.85
NOM−ZM−BXCOIL−AT−DEV−CTR =2.0589
NOM−ZM−BYCOIL−AT−DEV−CTR =2.0589
NOM−LAMBDA−U =0.03
NUM−POLES =226



Coil Bx vs Z
113
Pole
400
300
200
100
0
−100
−200
−300
−400
Coil Bx (T)
−10
−5
0
5
Coil Z Position (m)


Coil By vs Z
113
Pole
400
300
200
100
0
−100
−200
−300
−400
Coil By (T)
−10
−5
0
5
Coil Z Position (m)