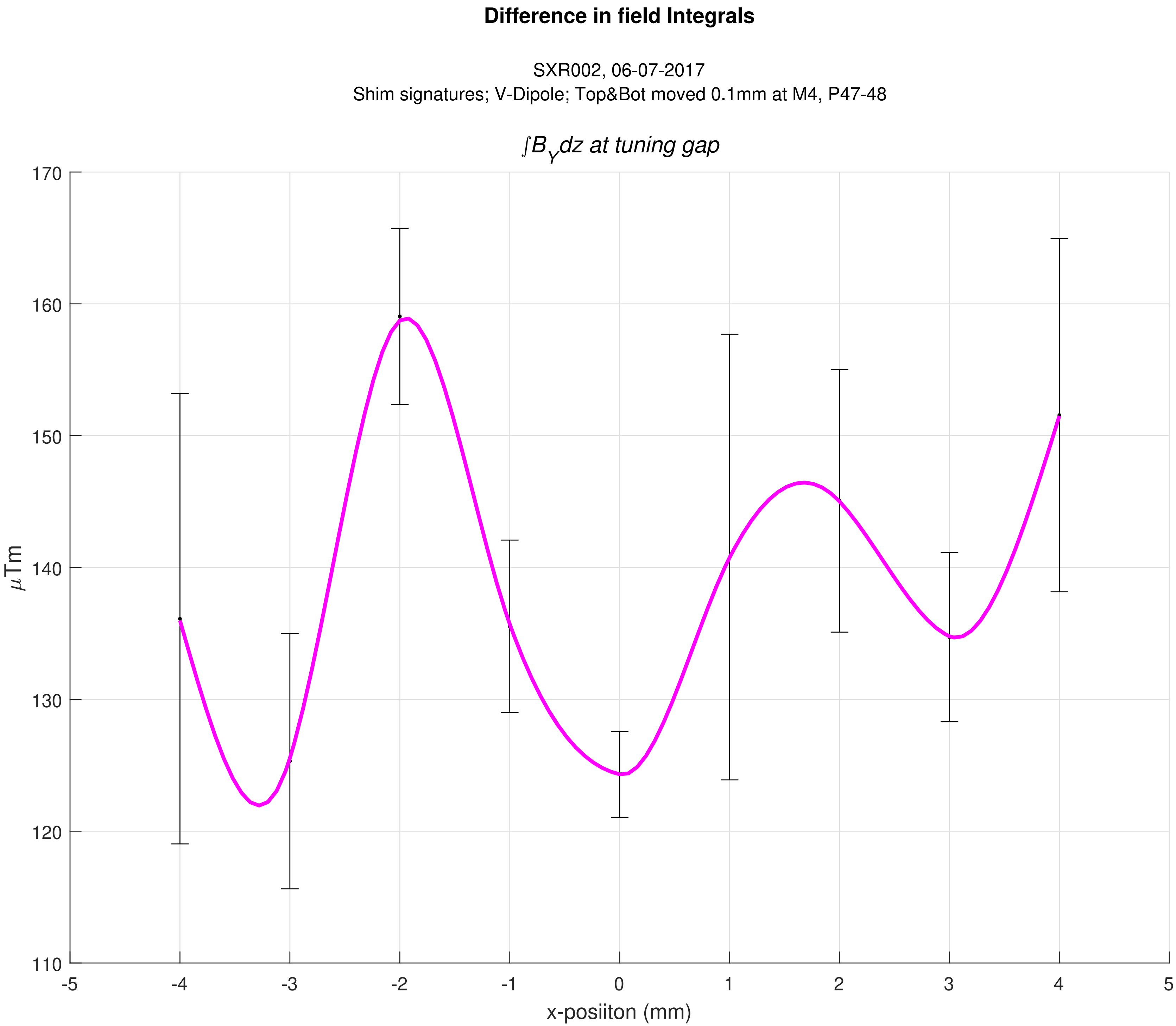
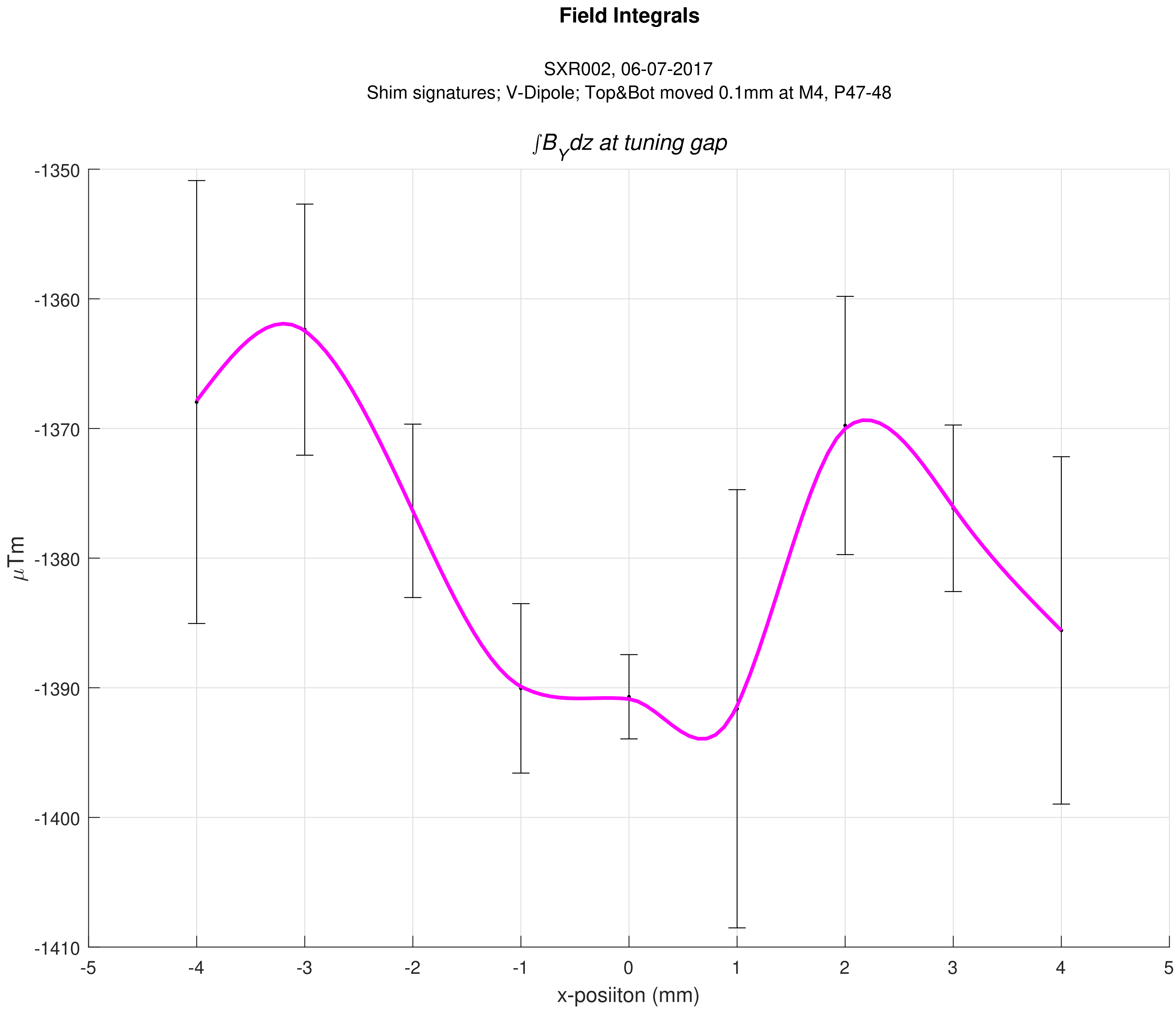
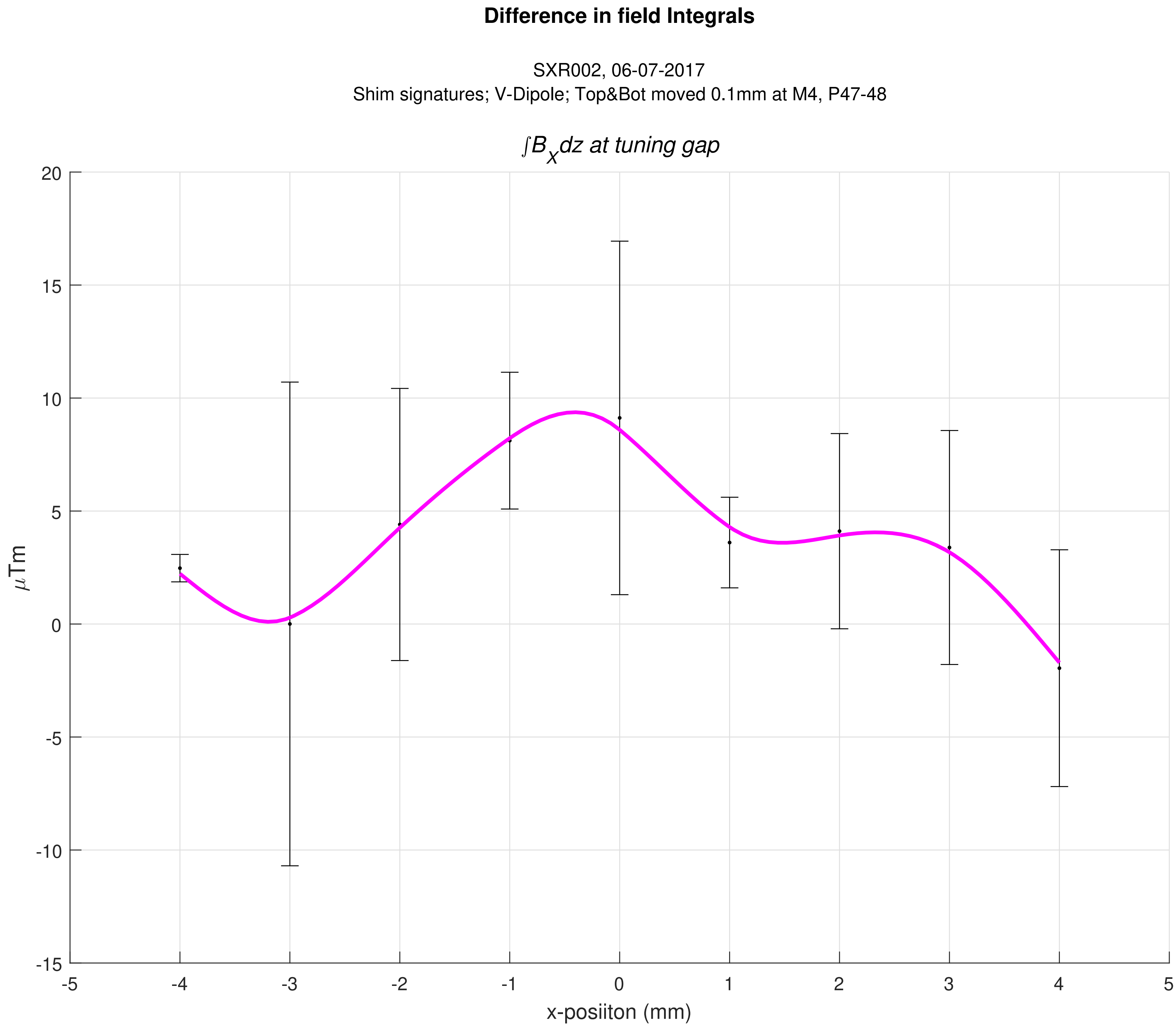


Difference in field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
$\int B_Y dz$ at tuning gap
170
160
150
140
130
120
110
μTm
-5
-4
-3
-2
-1
0
1
2
3
4
5
x-posiiton (mm)



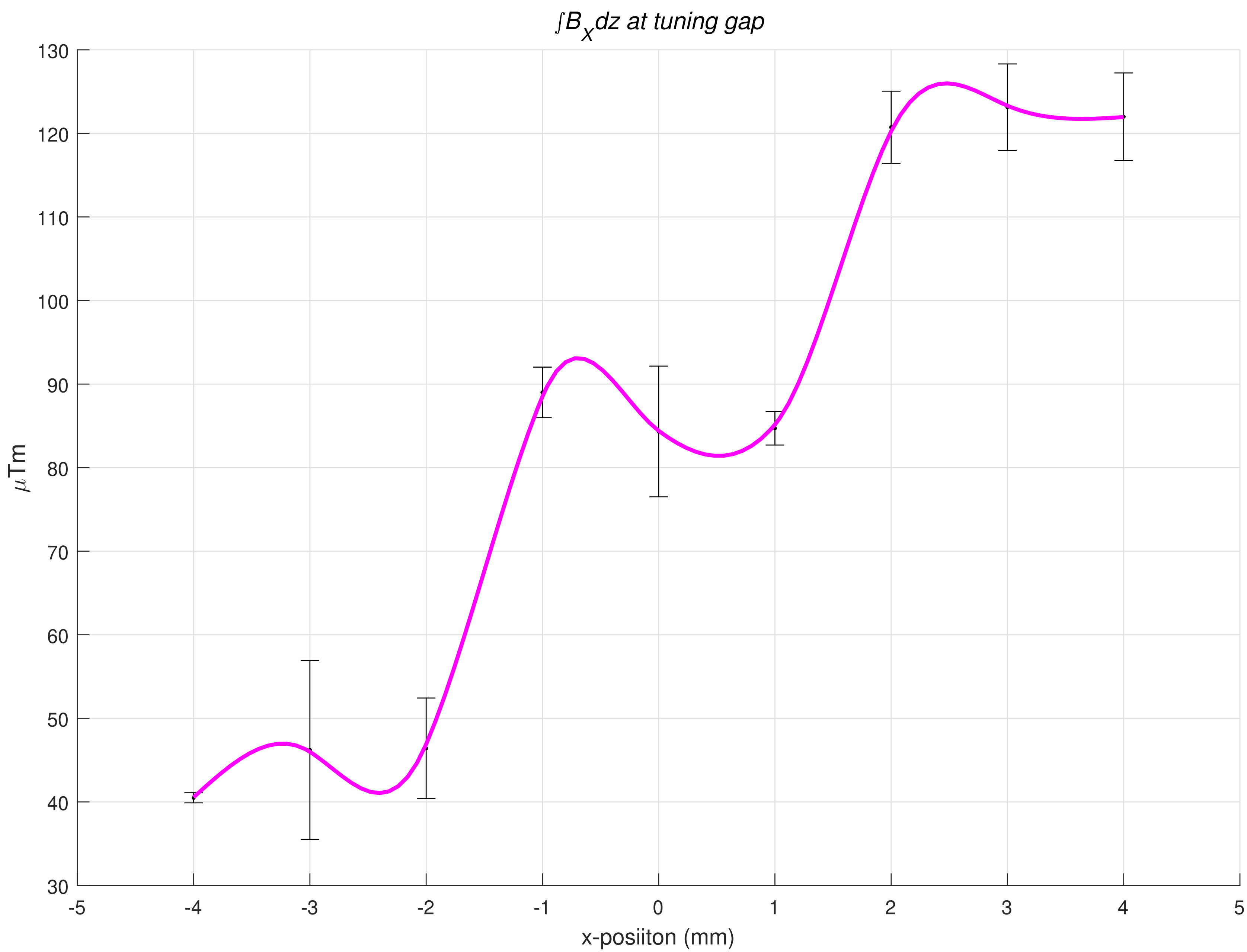
Field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
∫B_Y dz at tuning gap
μTm
-1350
-1360
-1370
-1380
-1390
-1400
-1410
-5
-4
-3
-2
-1
0
1
2
3
4
5
x-posiiton (mm)

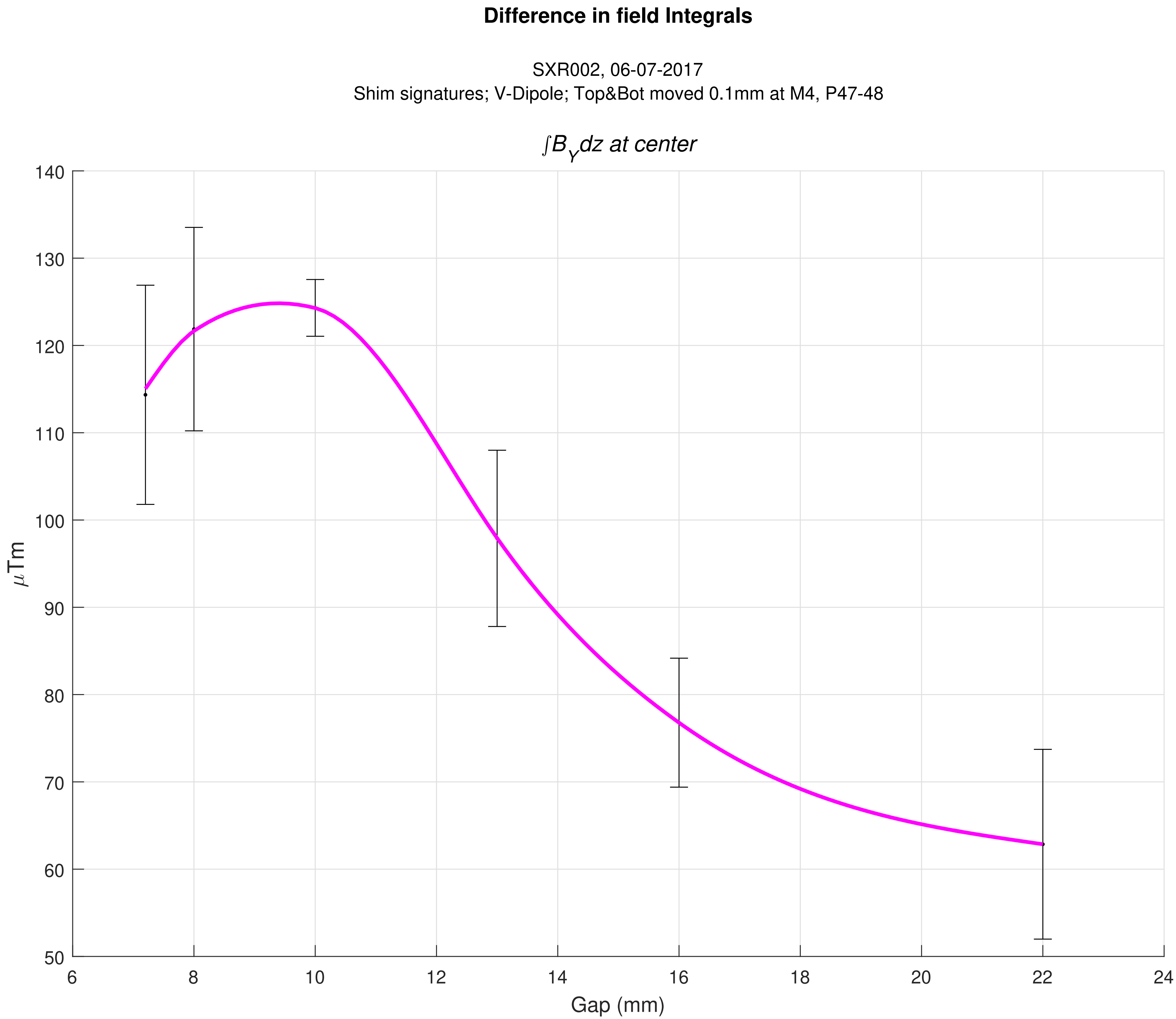


Difference in field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
$\int B_X dz$ at tuning gap
20
15
10
5
0
-5
-10
-15
μTm
-5
-4
-3
-2
-1
0
1
2
3
4
5
x-posiiton (mm)

Field Integrals

SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48

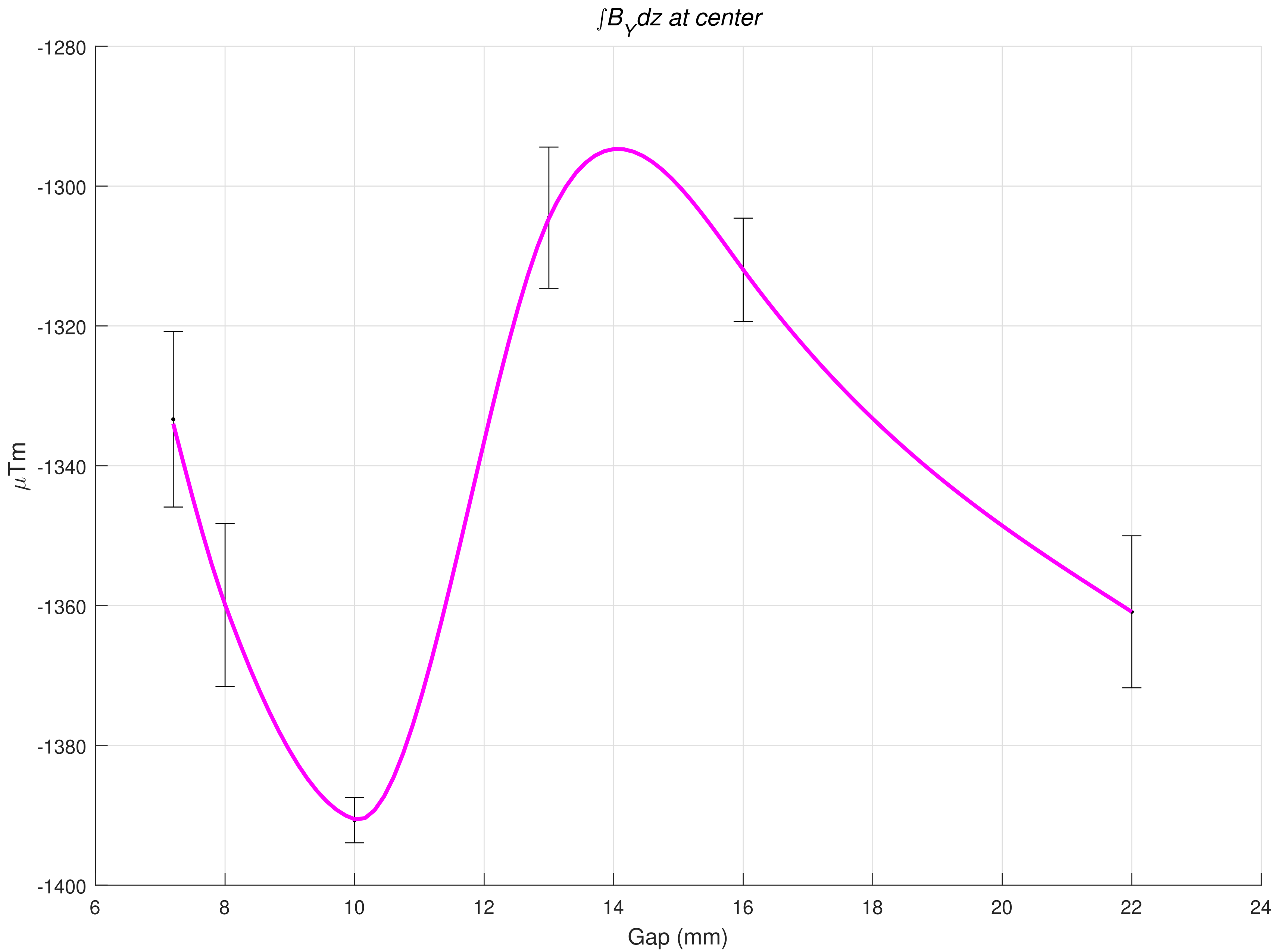


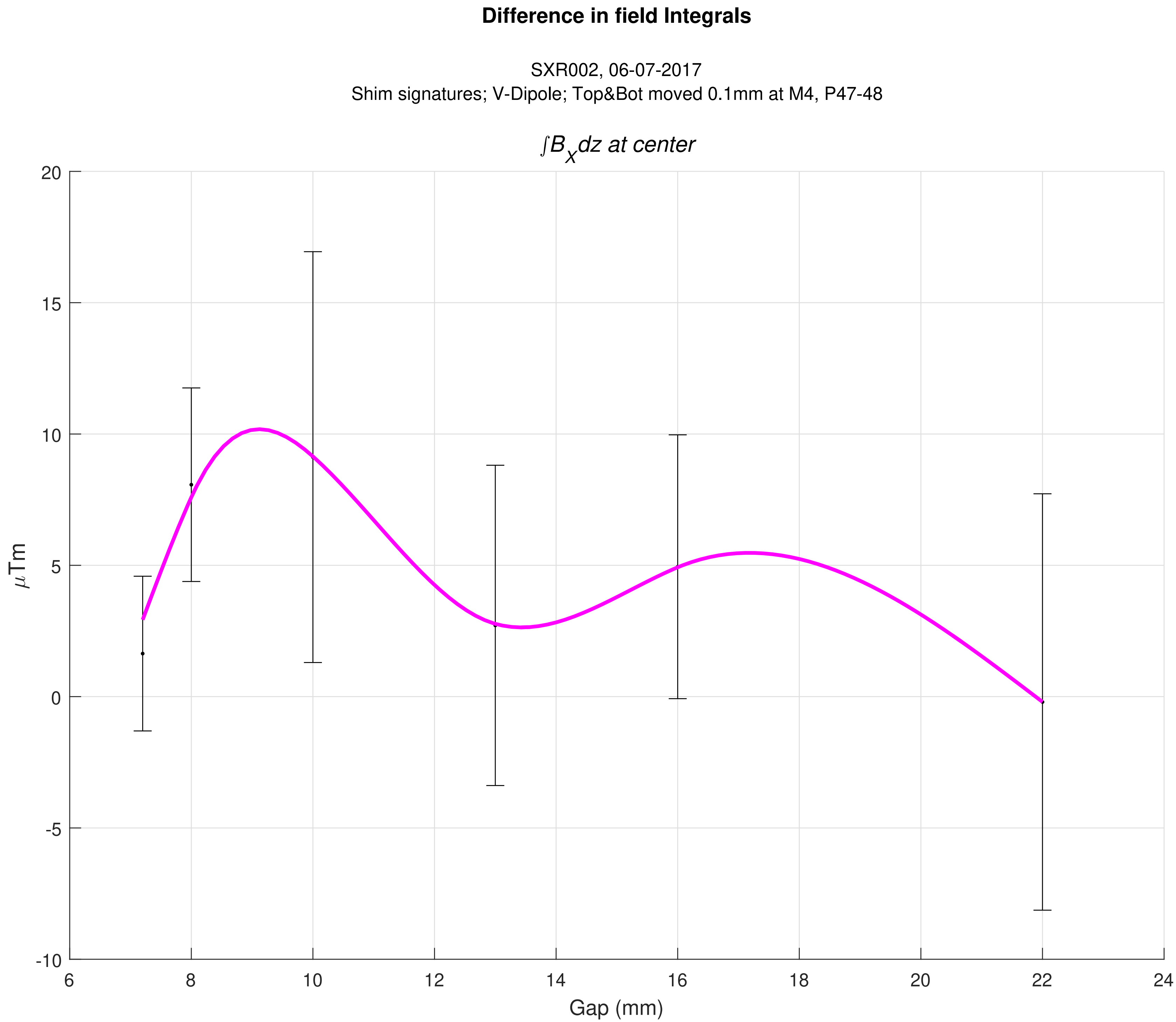


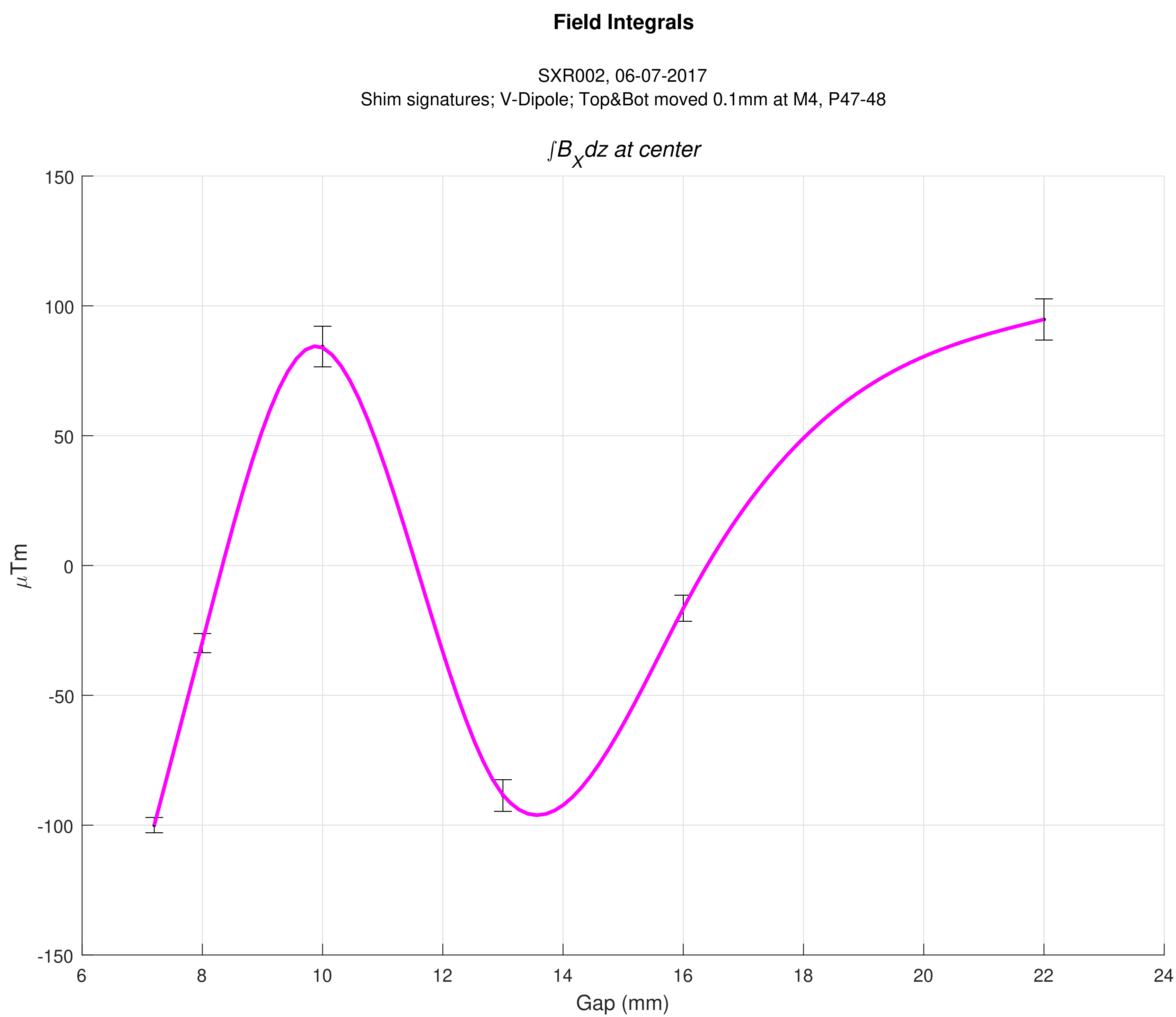
Difference in field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
$\int B_Y dz$ at center
140
130
120
110
100
90
80
70
60
50
μTm
6
8
10
12
14
16
18
20
22
24
Gap (mm)

Field Integrals

SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48




Difference in field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
∫B_X dz at center
μTm
Gap (mm)
20
15
10
5
0
-5
-10
6
8
10
12
14
16
18
20
22
24


Field Integrals
SXR002, 06-07-2017
Shim signatures; V-Dipole; Top&Bot moved 0.1mm at M4, P47-48
$\int B_X dz$ at center
150
100
50
0
-50
-100
-150
μTm
6
8
10
12
14
16
18
20
22
24
Gap (mm)