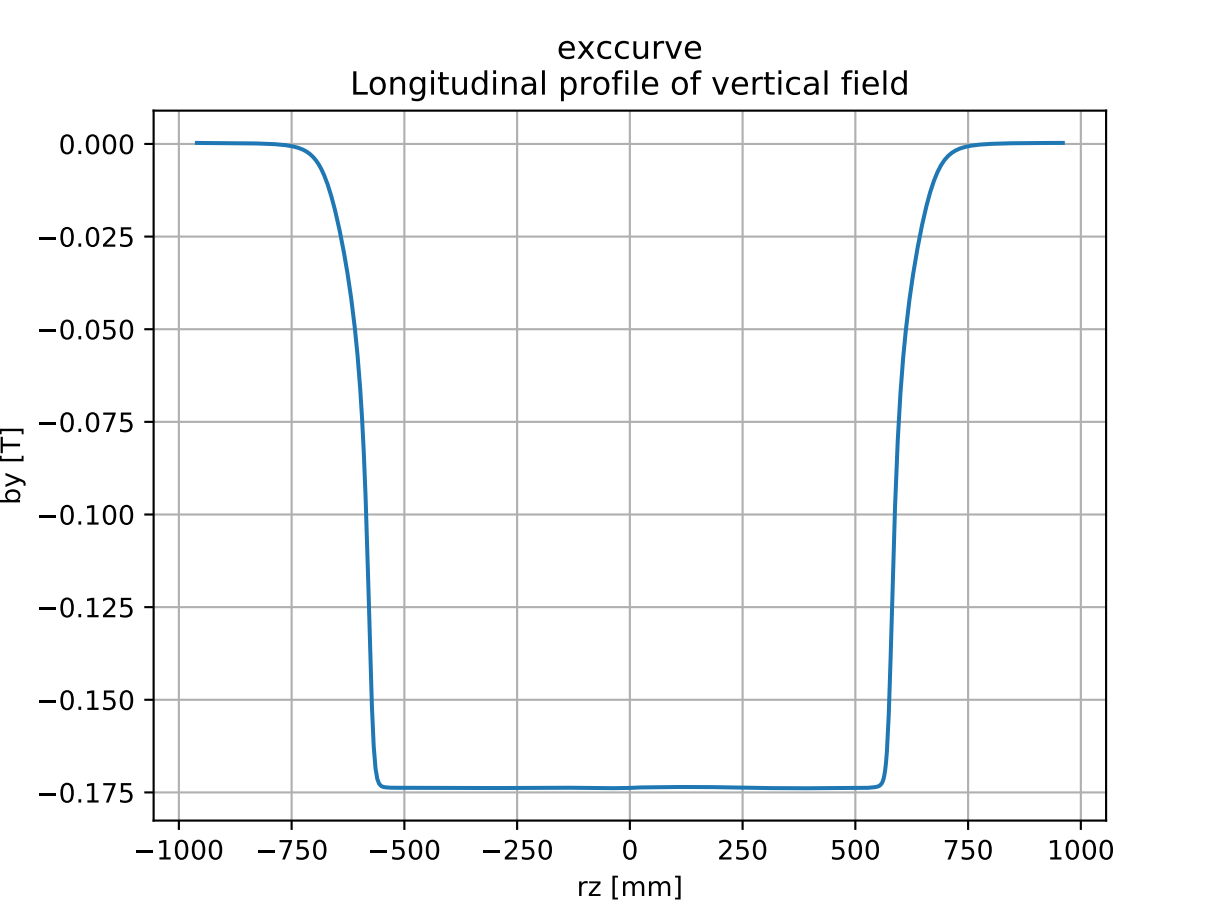
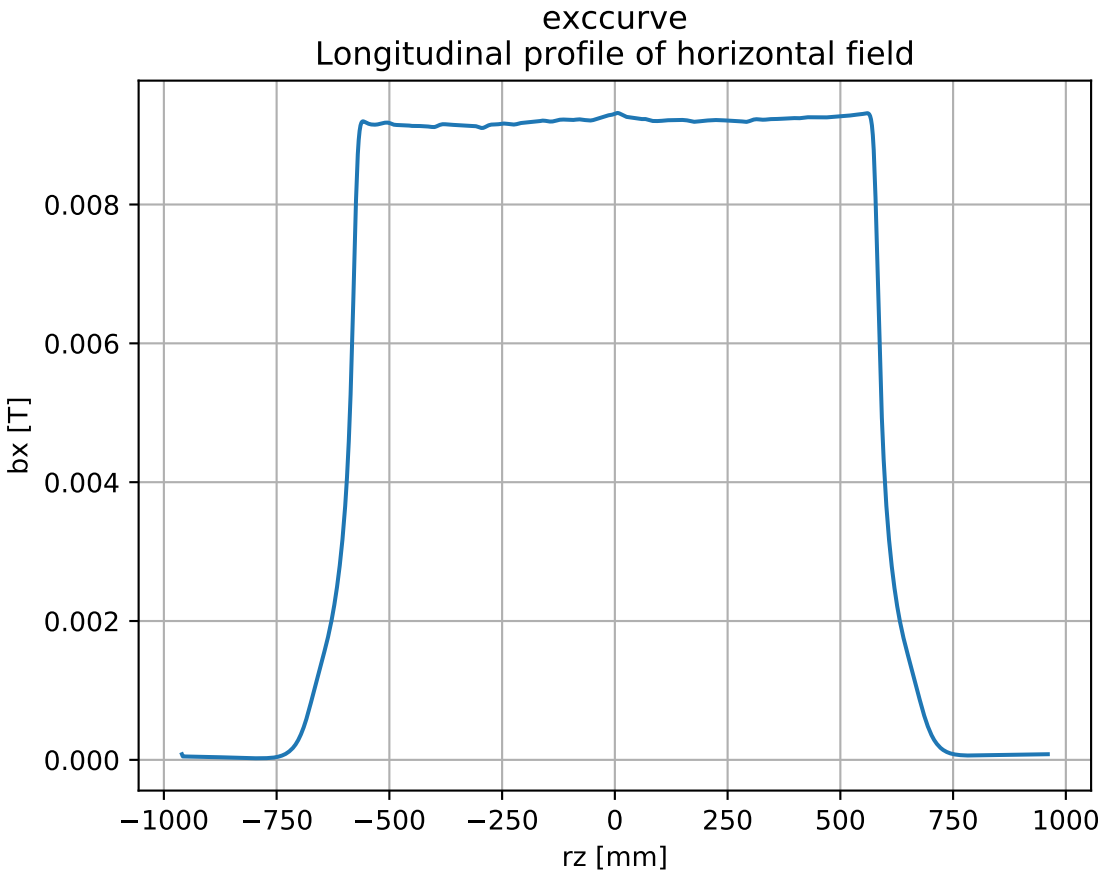
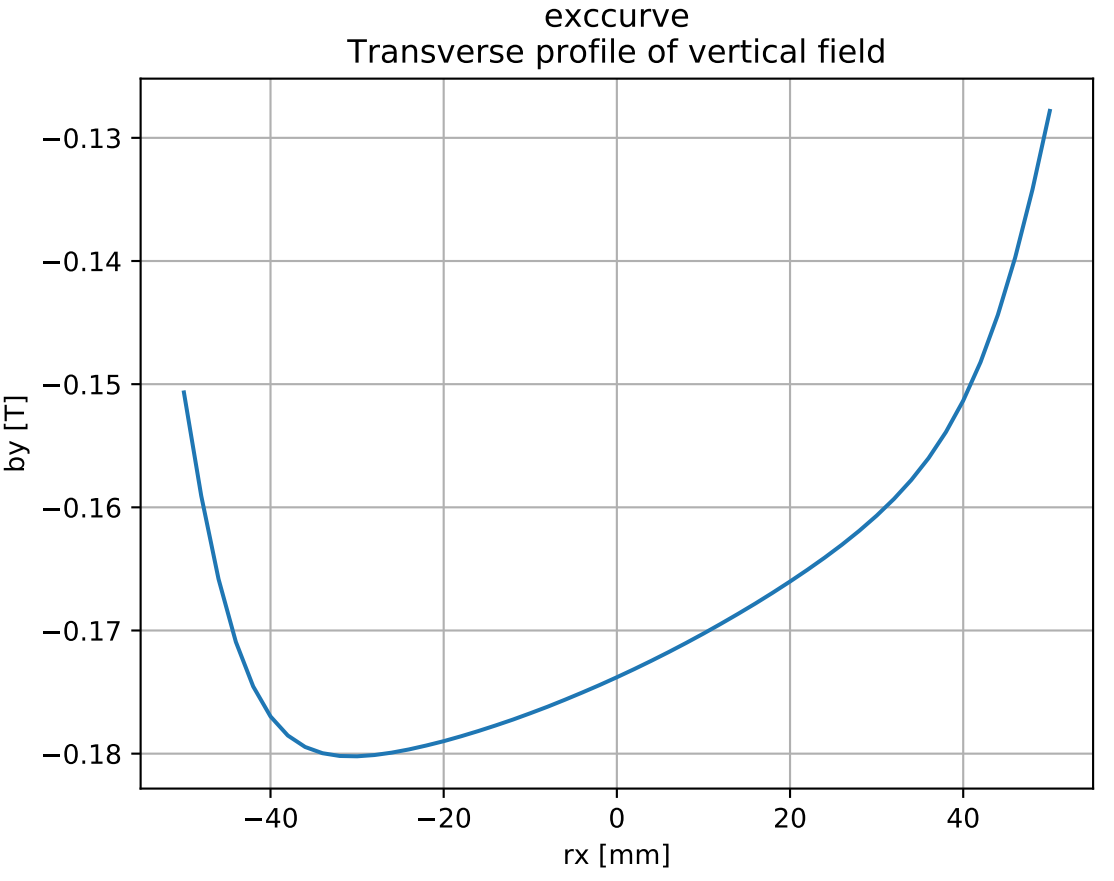
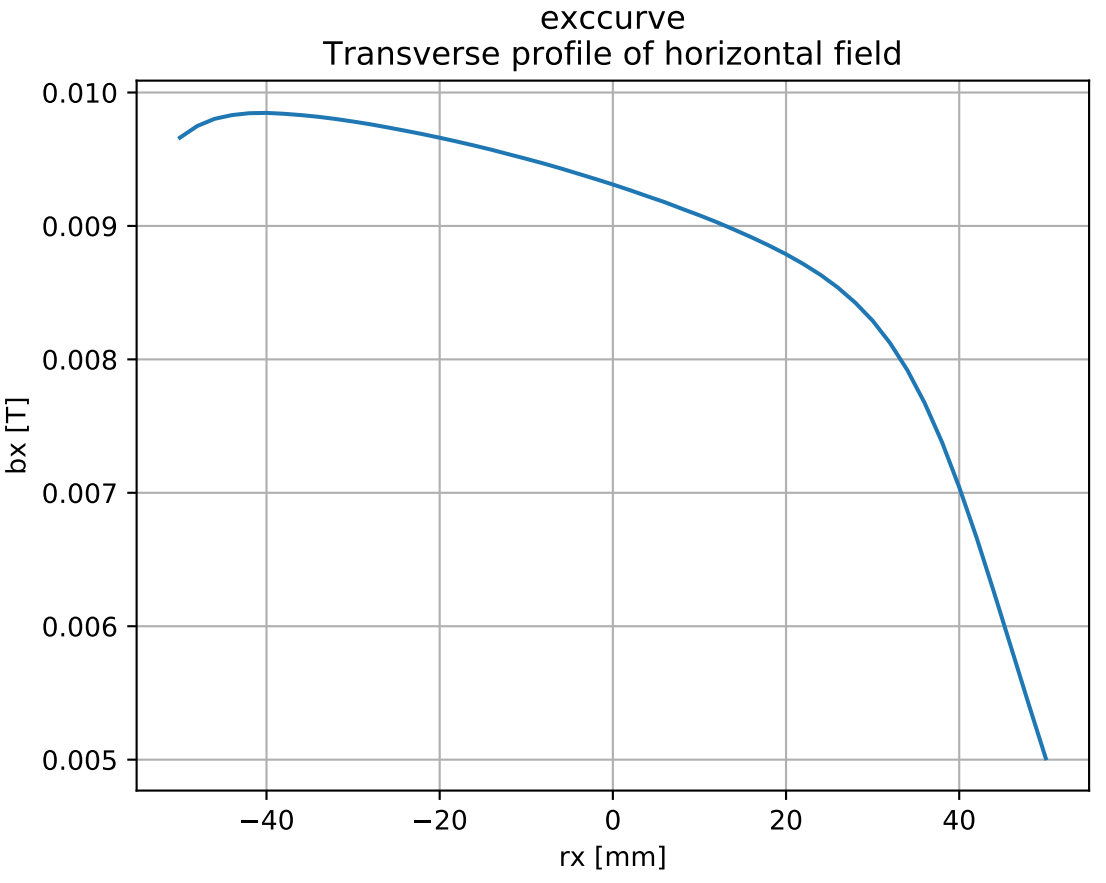
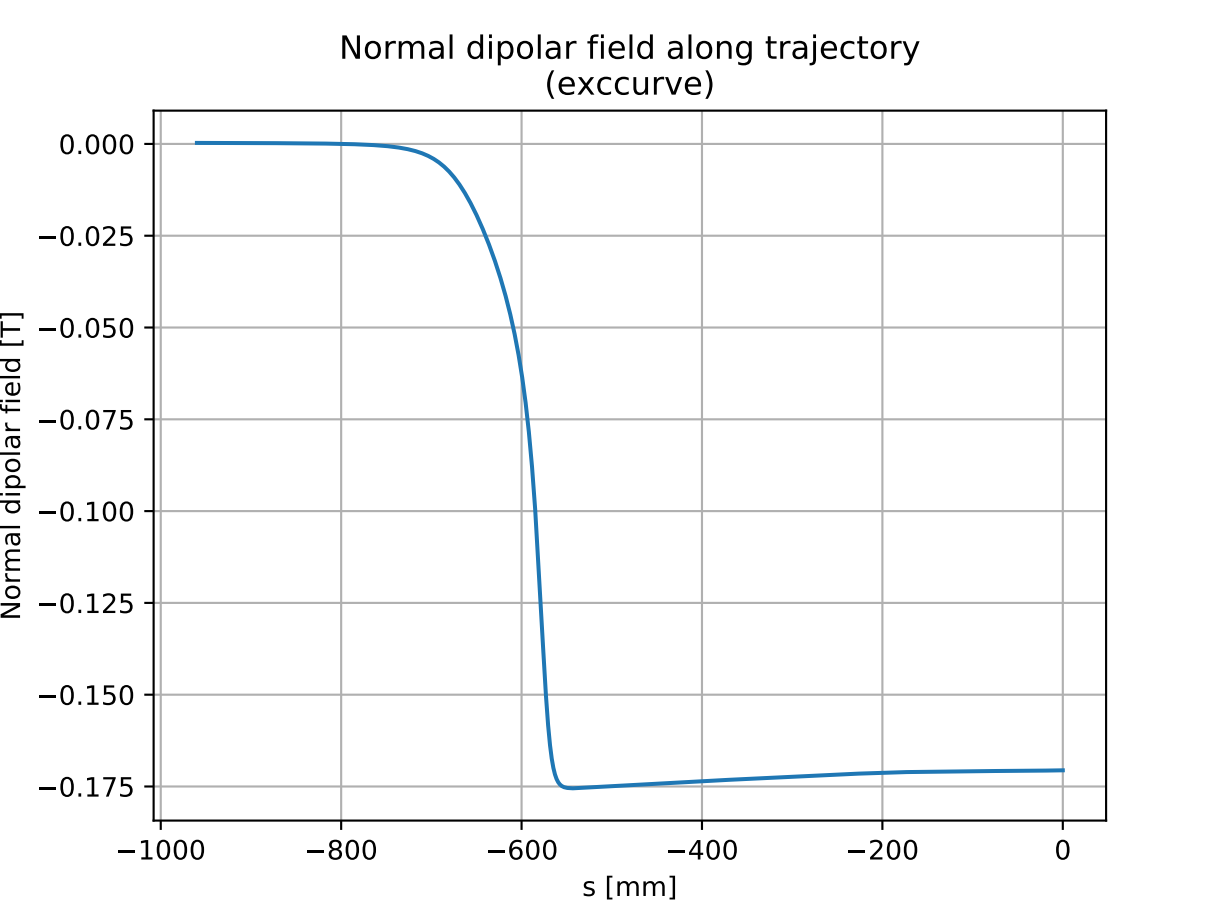
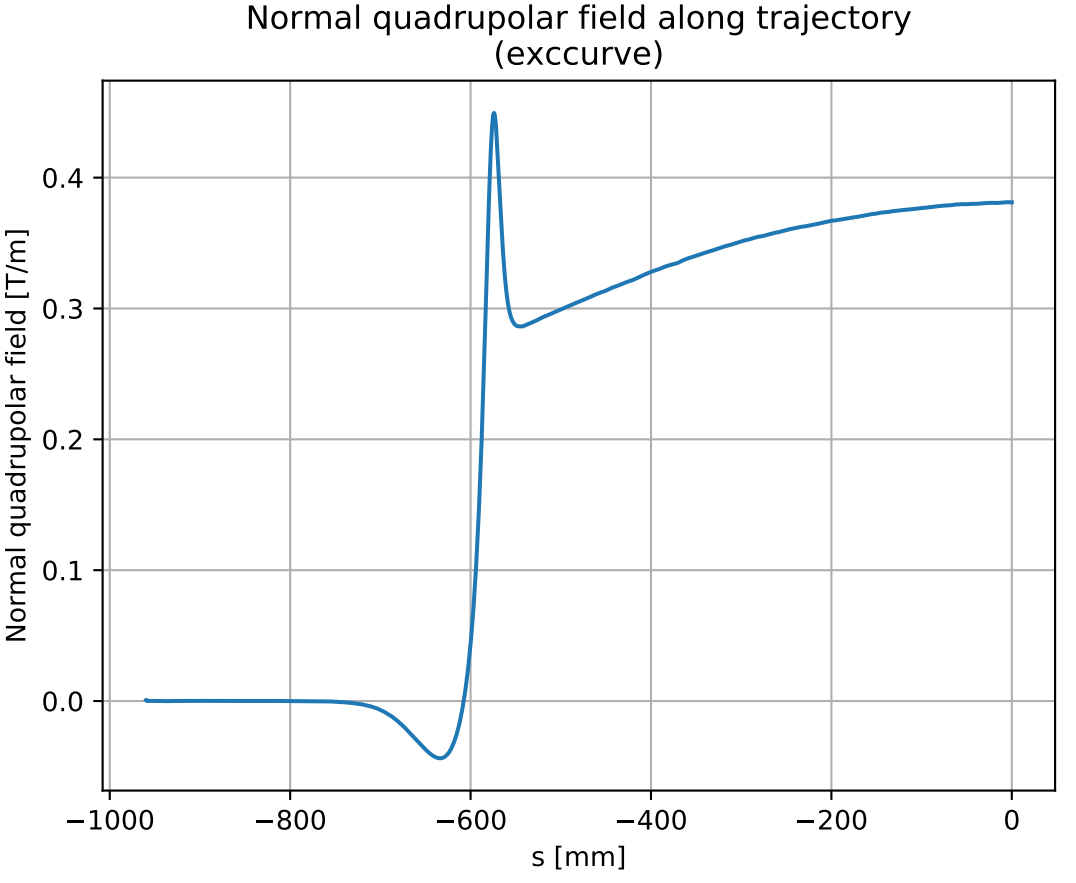

exccurve
Longitudinal profile of vertical field
0.000
−0.025
−0.050
−0.075
−0.100
−0.125
−0.150
−0.175
by [T]
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

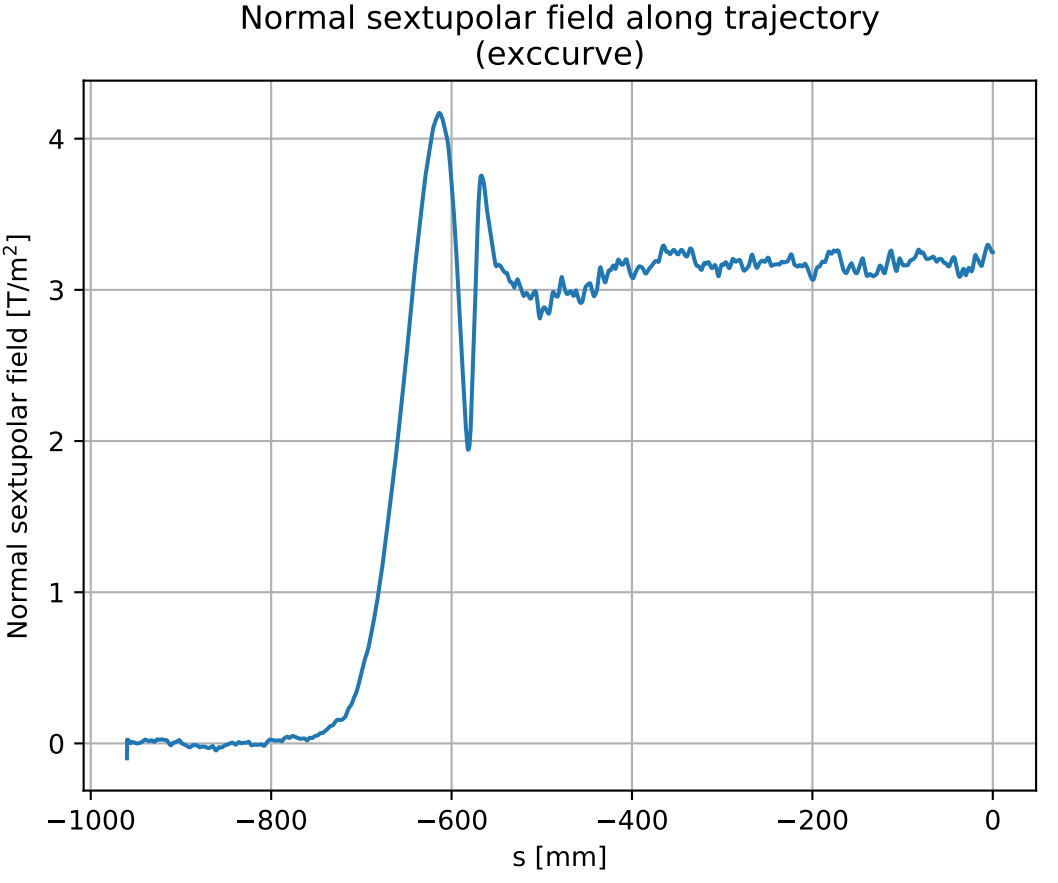

exccurve
Longitudinal profile of horizontal field
bx [T]
0.008
0.006
0.004
0.002
0.000
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

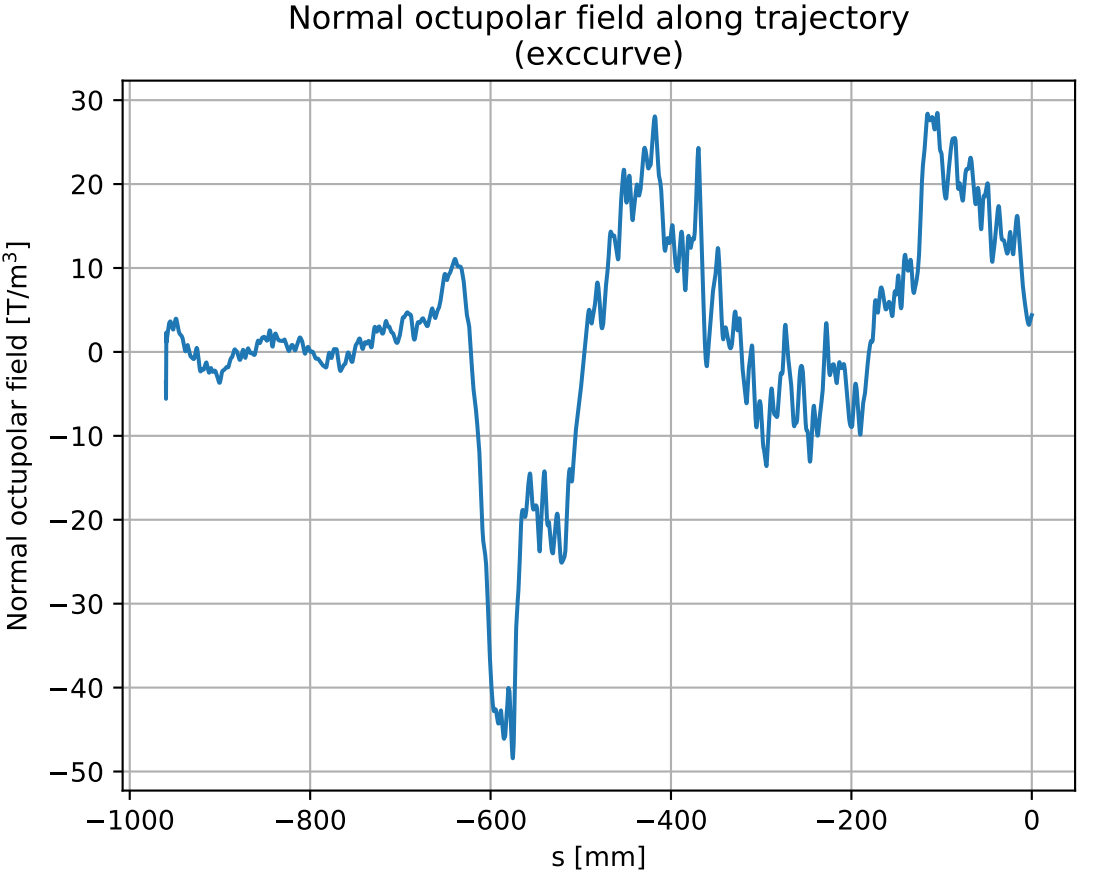

exccurve
Transverse profile of vertical field
−0.13
−0.14
−0.15
−0.16
−0.17
−0.18
by [T]
−40
−20
0
20
40
rx [mm]

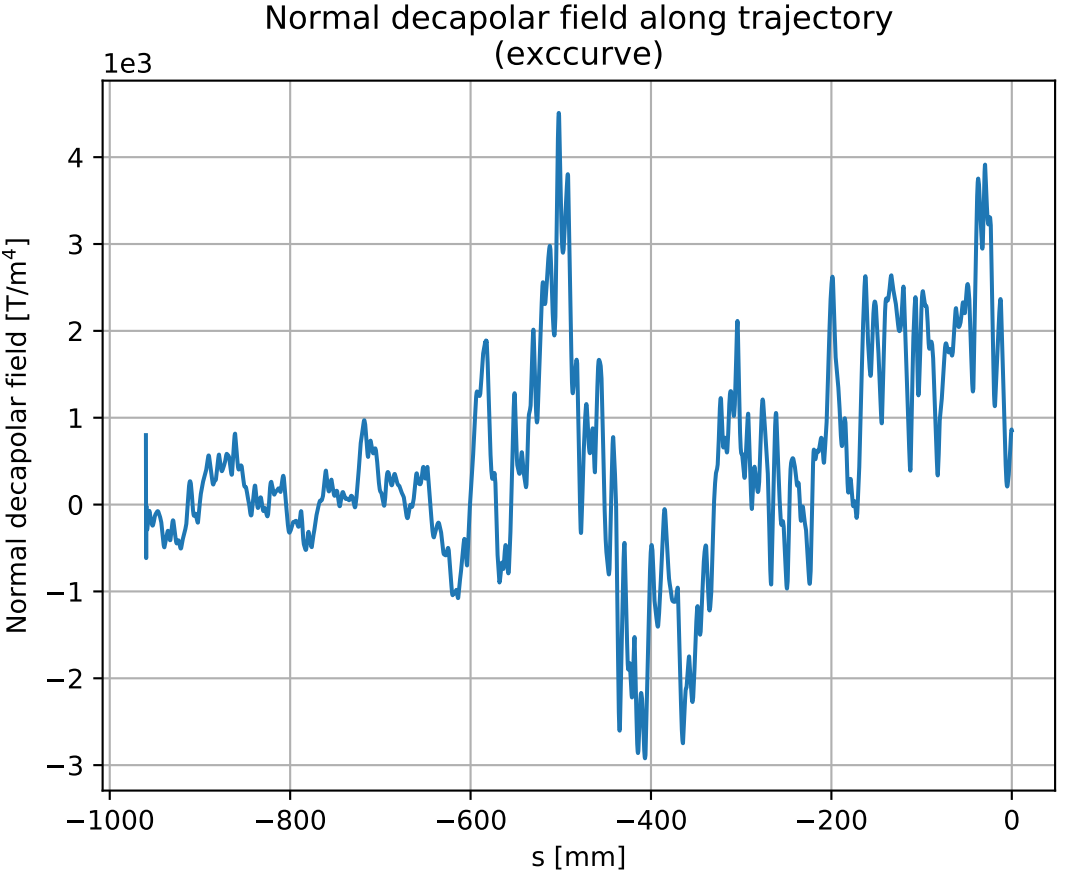

exccurve
Transverse profile of horizontal field
0.010
0.009
0.008
0.007
0.006
0.005
bx [T]
−40
−20
0
20
40
rx [mm]

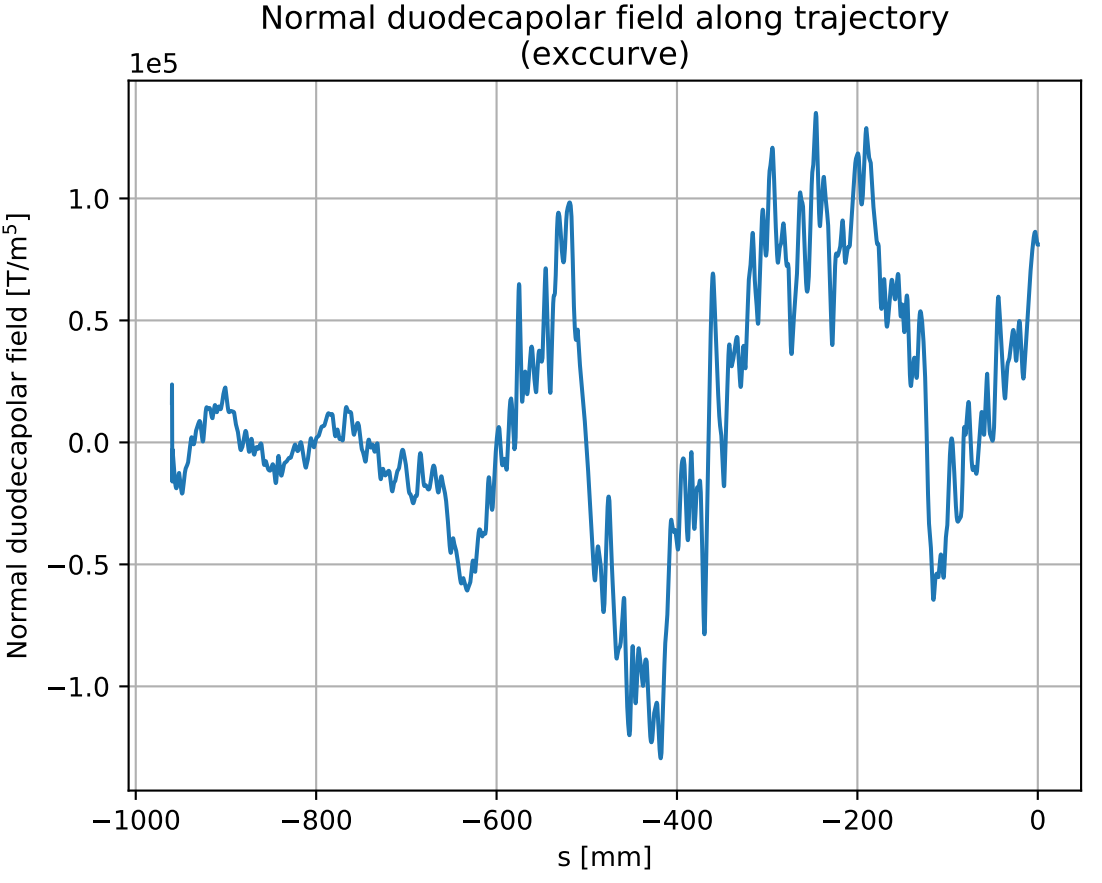

Normal dipolar field along trajectory
(exccurve)
Normal dipolar field [T]
0.000
−0.025
−0.050
−0.075
−0.100
−0.125
−0.150
−0.175
−1000
−800
−600
−400
−200
0
s [mm]

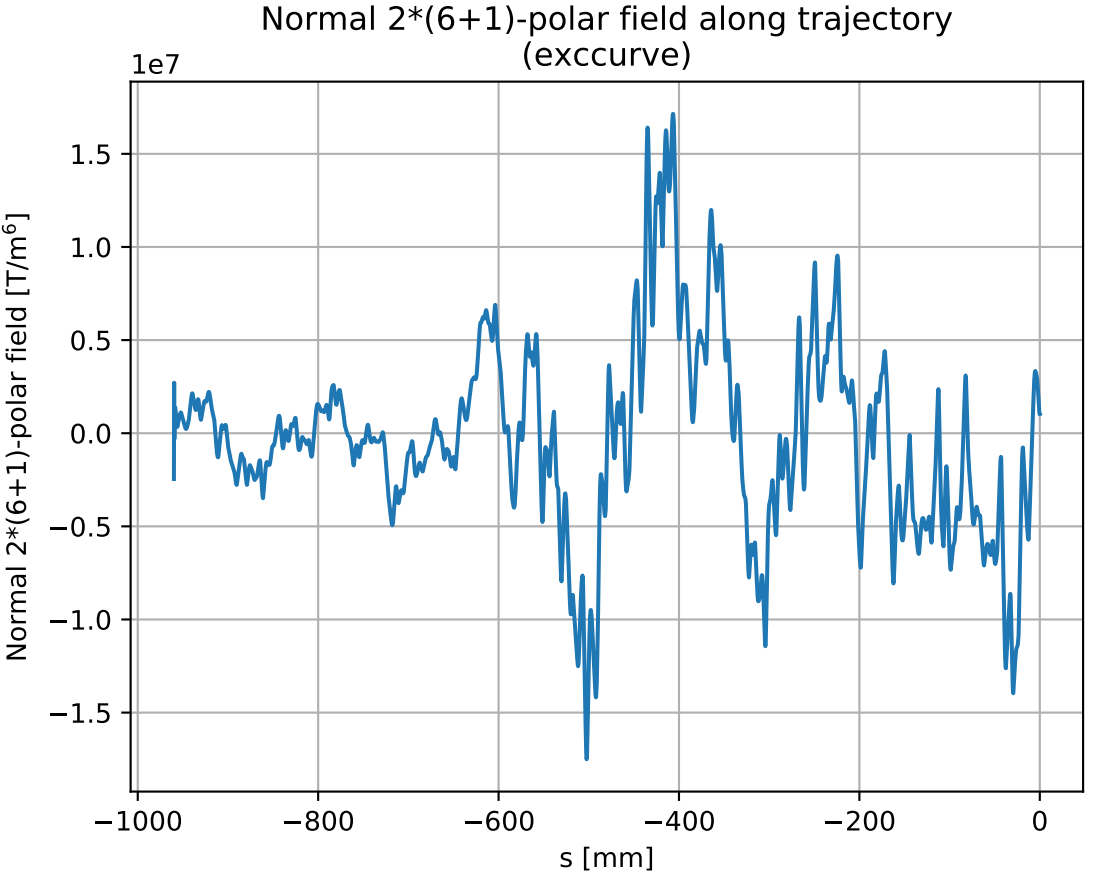

Normal quadrupolar field along trajectory
(exccurve)
Normal quadrupolar field [T/m]
0.4
0.3
0.2
0.1
0.0
−1000
−800
−600
−400
−200
0
s [mm]

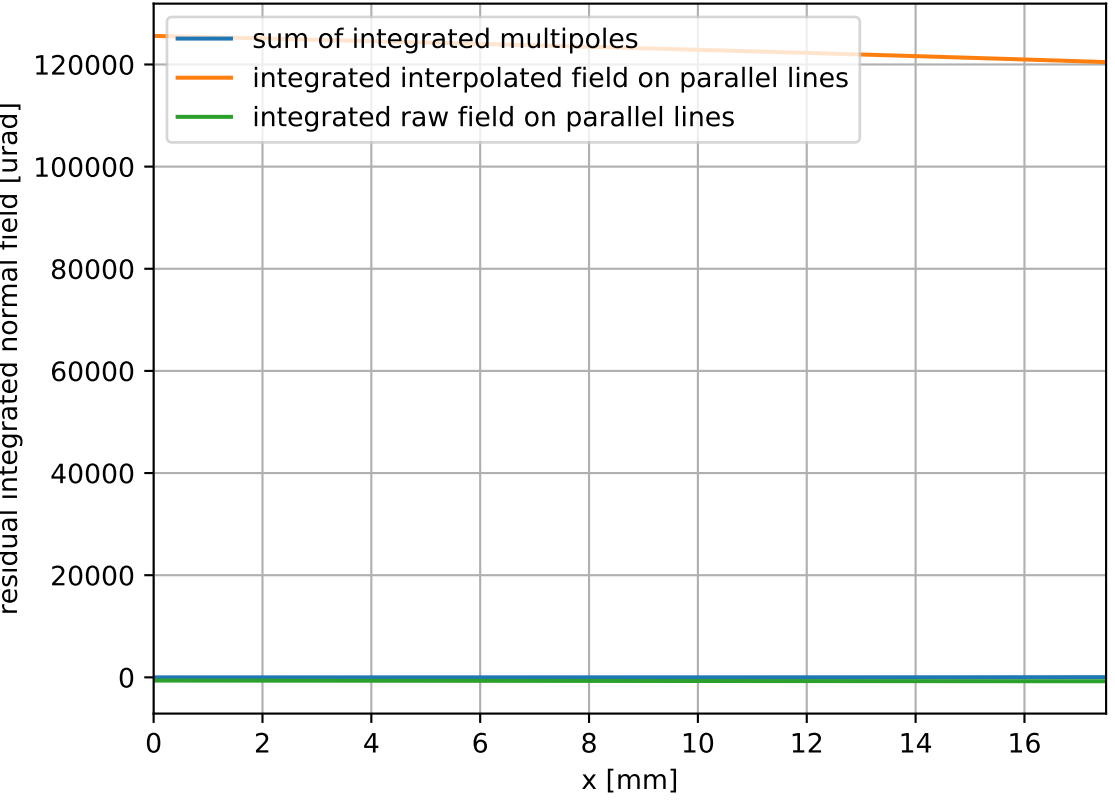

Normal sextupolar field along trajectory
(exccurve)
Normal sextupolar field [T/m^2]
4
3
2
1
0
−1000
−800
−600
−400
−200
0
s [mm]


Normal octupolar field along trajectory
(exccurve)
Normal octupolar field [T/m^3]
30
20
10
0
−10
−20
−30
−40
−50
−1000
−800
−600
−400
−200
0
s [mm]


Normal decapolar field along trajectory
(exccurve)
1e3
Normal decapolar field [T/m^4]
4
3
2
1
0
−1
−2
−3
−1000
−800
−600
−400
−200
0
s [mm]


Normal duodecapolar field along trajectory
(exccurve)
1e5
1.0
0.5
0.0
−0.5
−1.0
Normal duodecapolar field [T/m^5]
−1000
−800
−600
−400
−200
0
s [mm]


Normal 2*(6+1)-polar field along trajectory
(exccurve)
1e7
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
Normal 2*(6+1)-polar field [T/m^6]
−1000
−800
−600
−400
−200
0
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated normal field [urad]
120000
100000
80000
60000
40000
20000
0
0
2
4
6
8
10
12
14
16
x [mm]