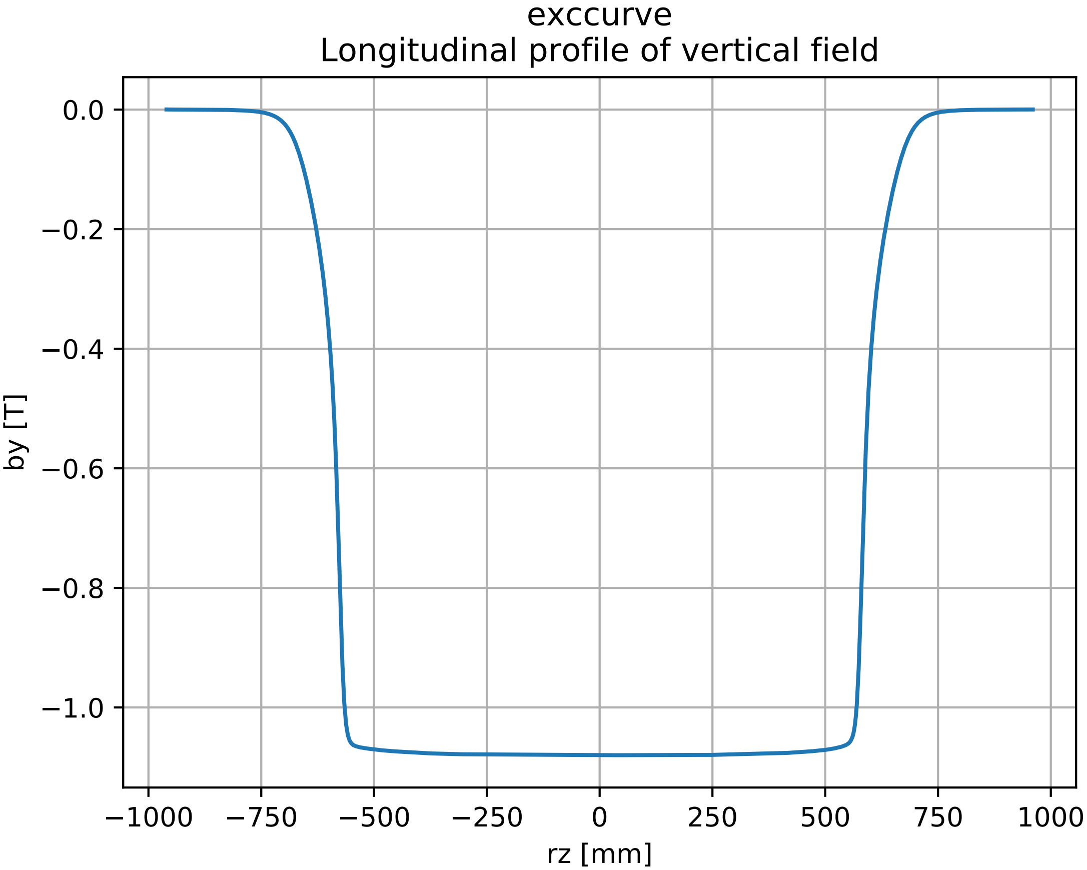
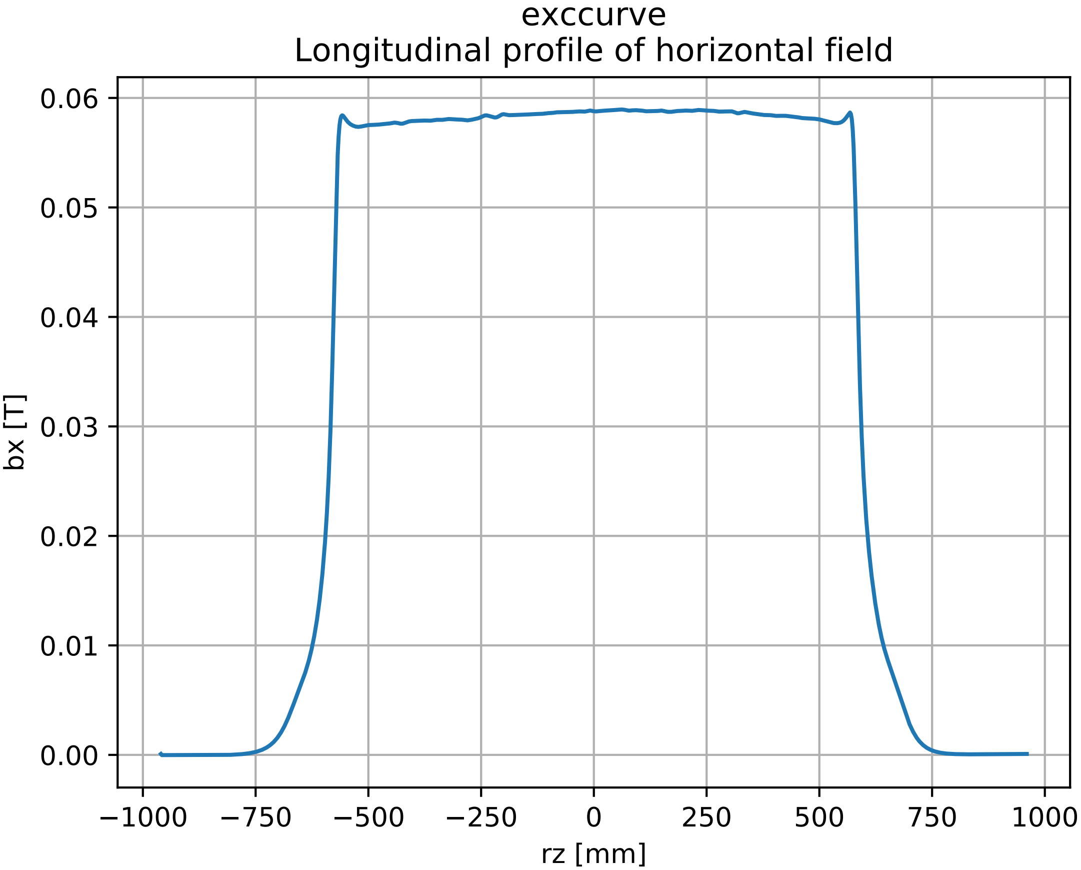
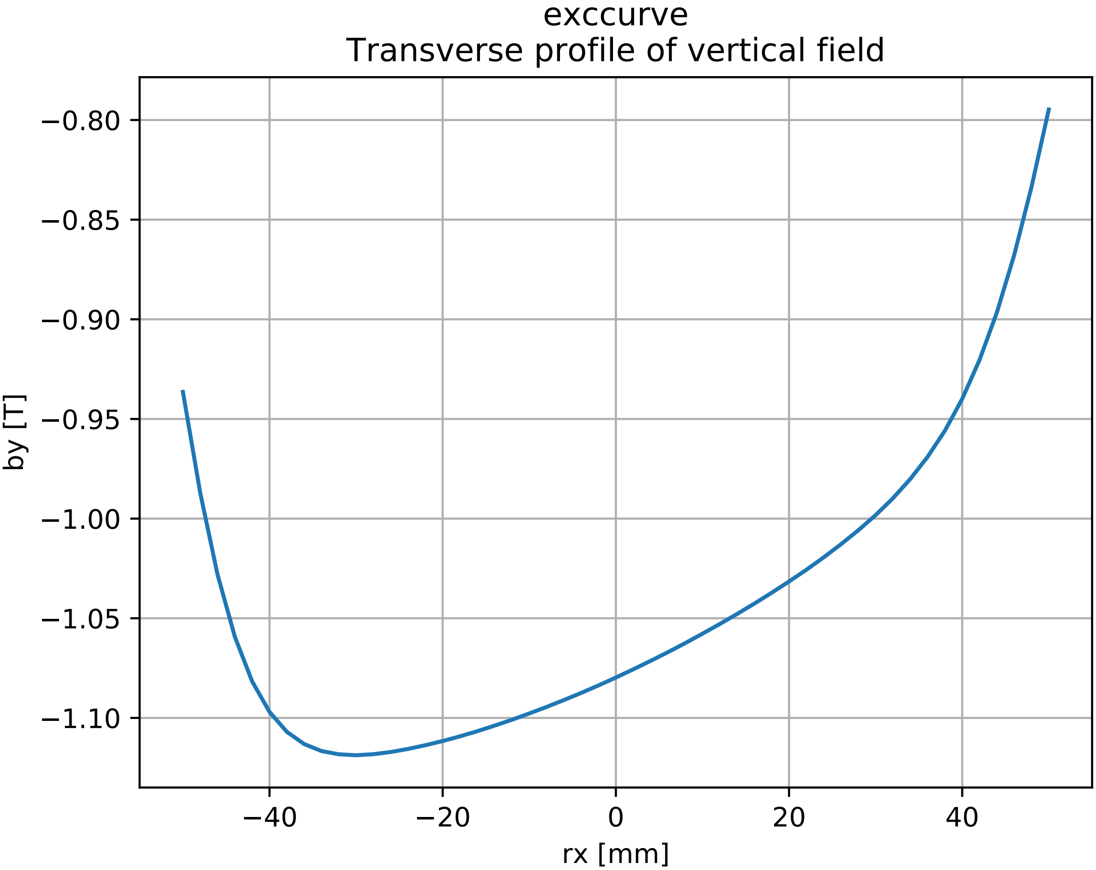
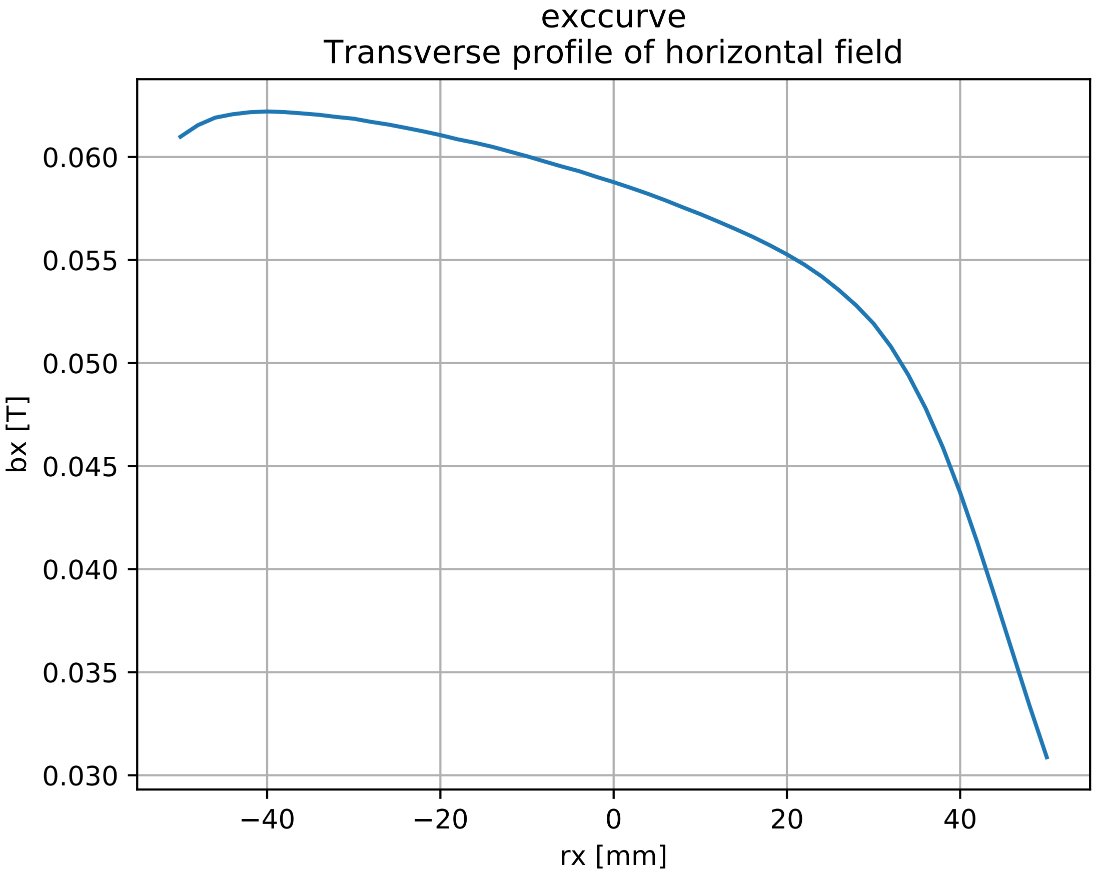
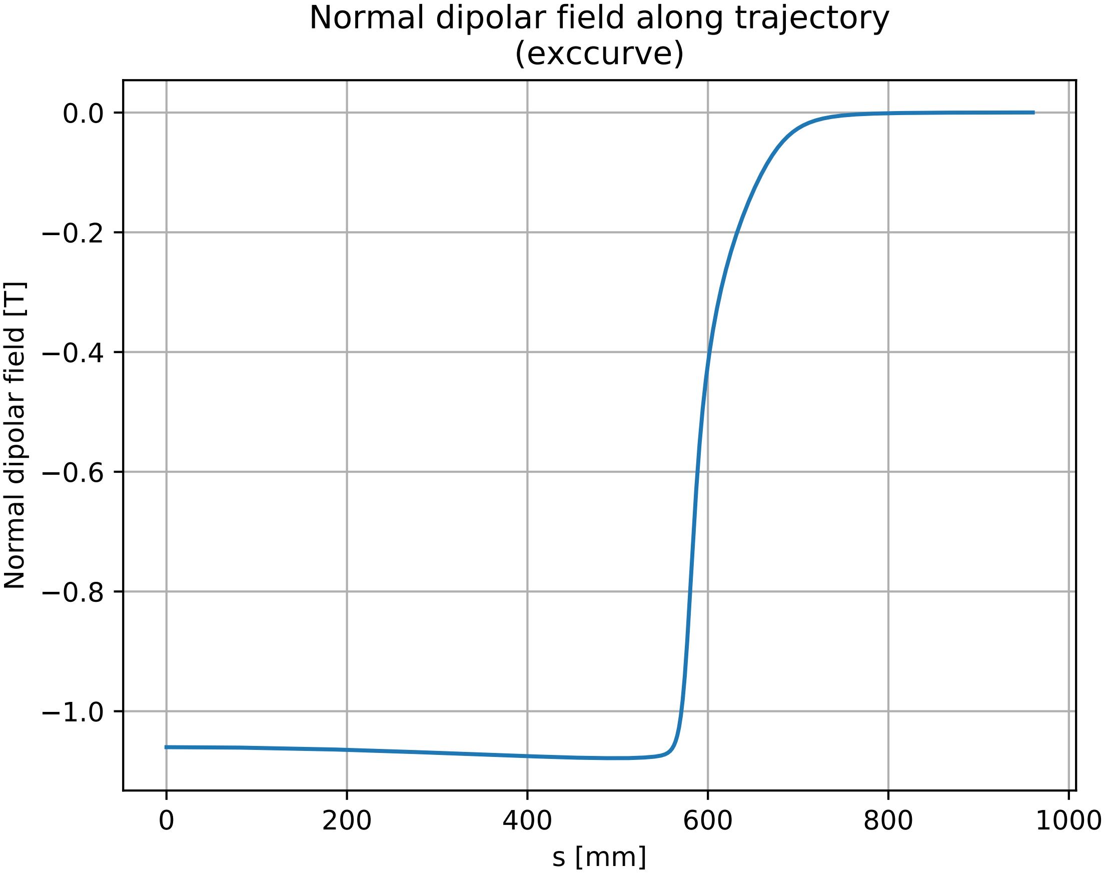
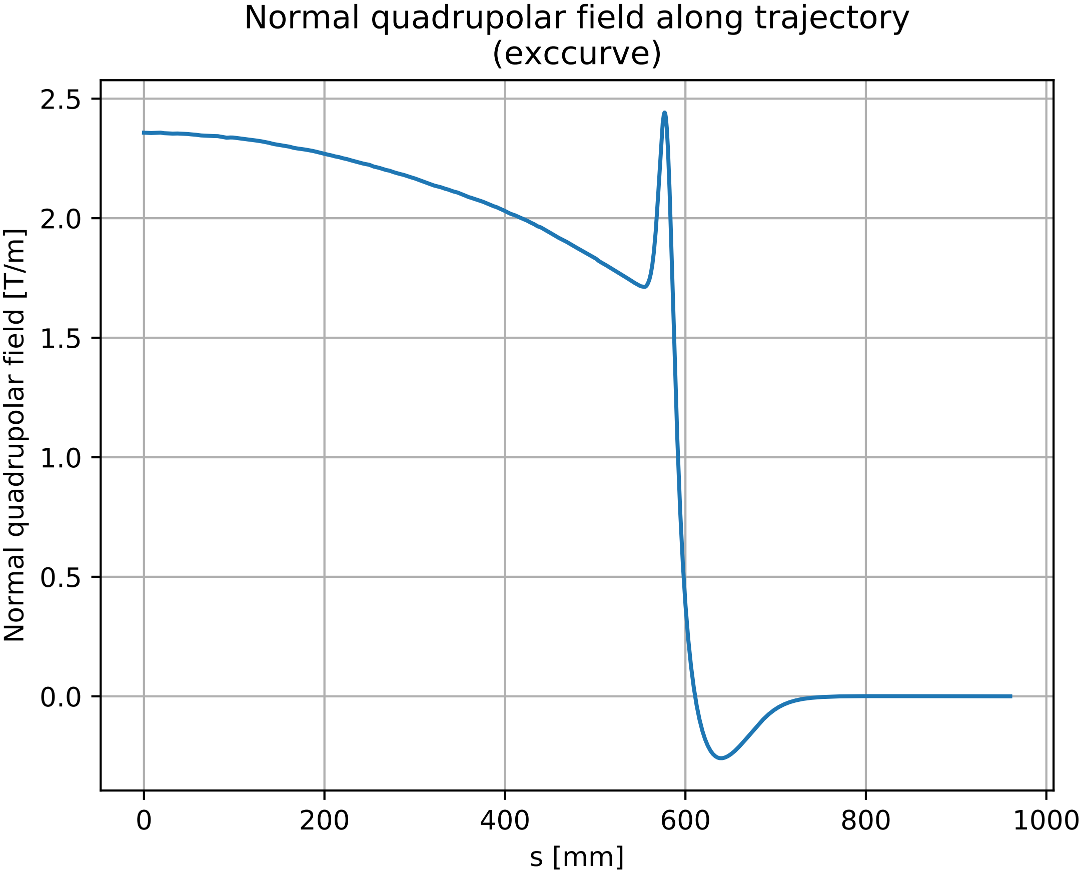

exccurve
Longitudinal profile of vertical field
by [T]
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

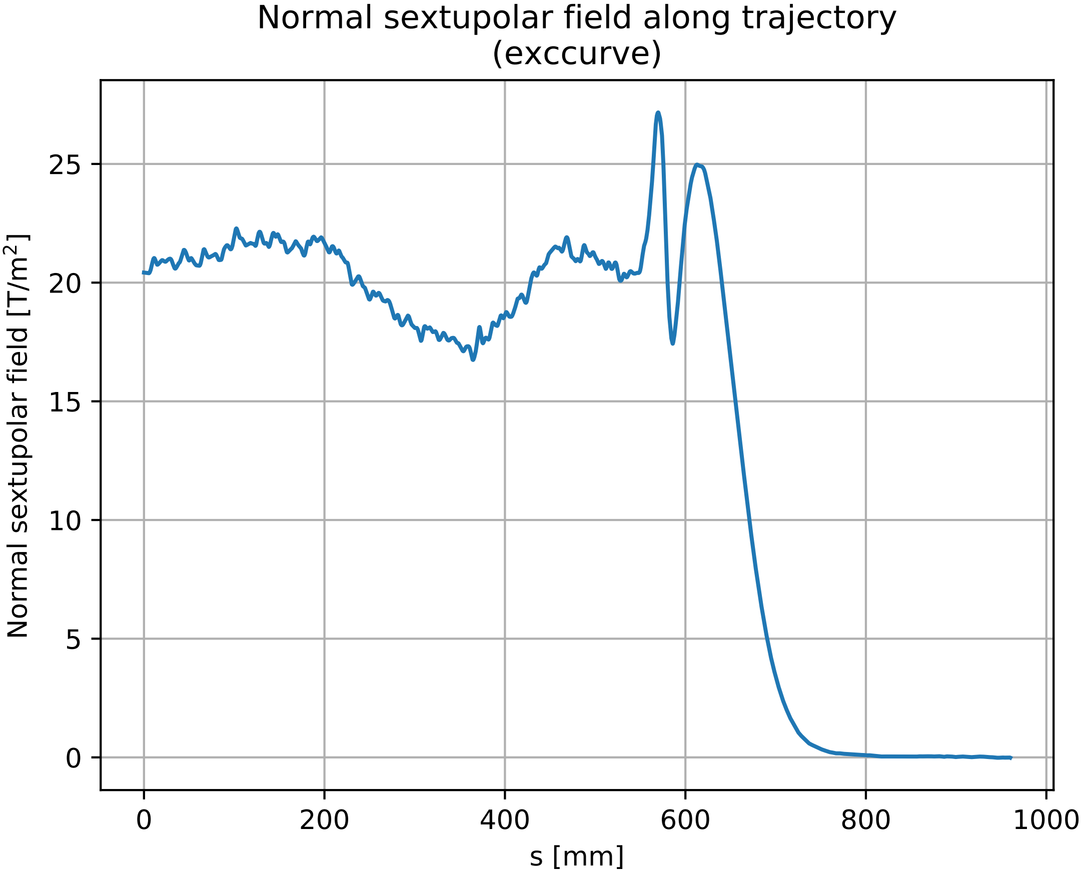

exccurve
Longitudinal profile of horizontal field

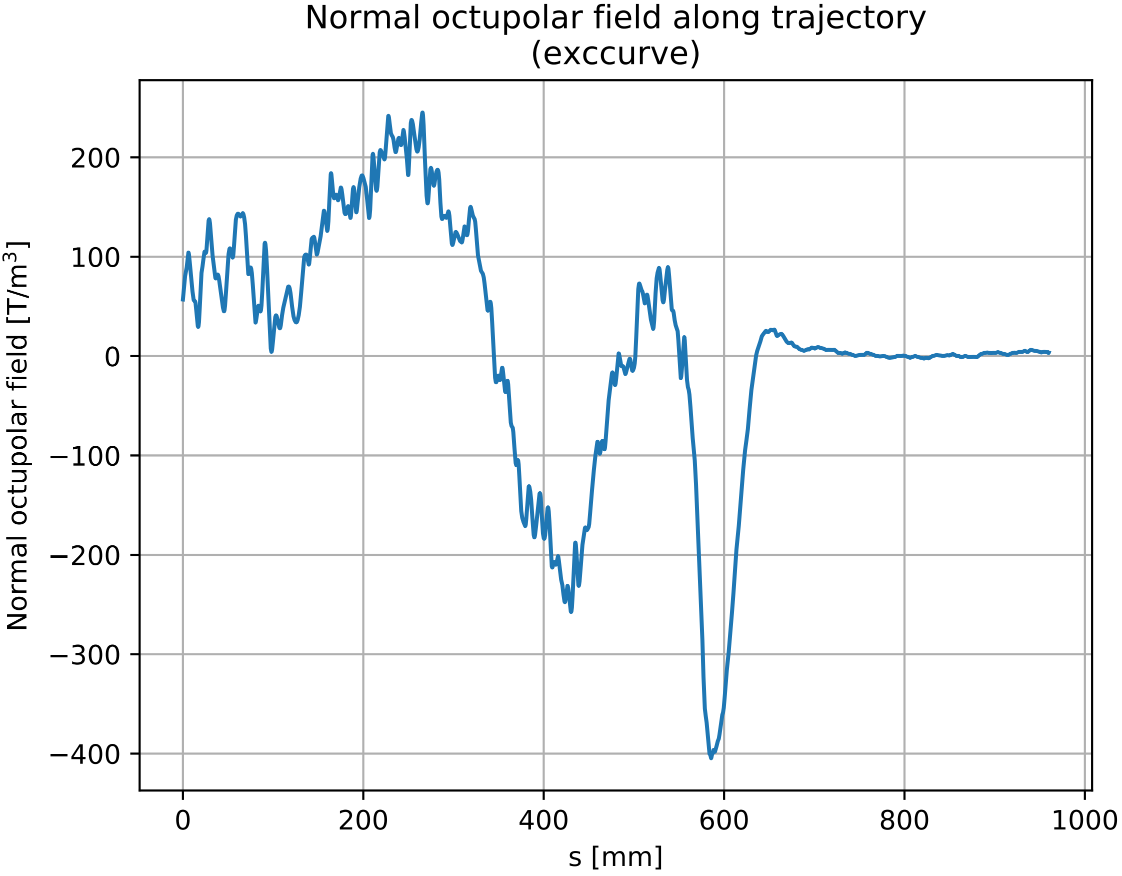

exccurve
Transverse profile of vertical field
−0.80
−0.85
−0.90
−0.95
−1.00
−1.05
−1.10
by [T]
−40
−20
0
20
40
rx [mm]


exccurve
Transverse profile of horizontal field
bx [T]
0.060
0.055
0.050
0.045
0.040
0.035
0.030
−40
−20
0
20
40
rx [mm]

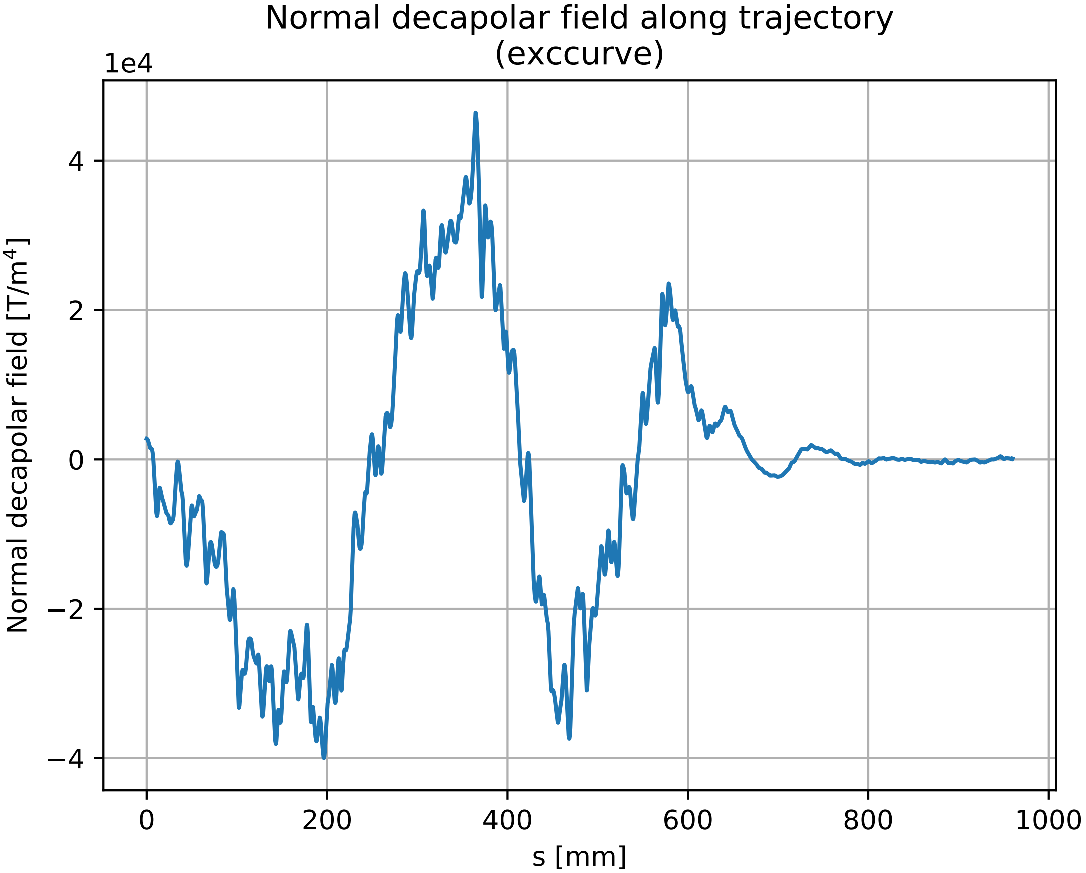

Normal dipolar field along trajectory
(exccurve)
Normal dipolar field [T]
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
200
400
600
800
1000
s [mm]

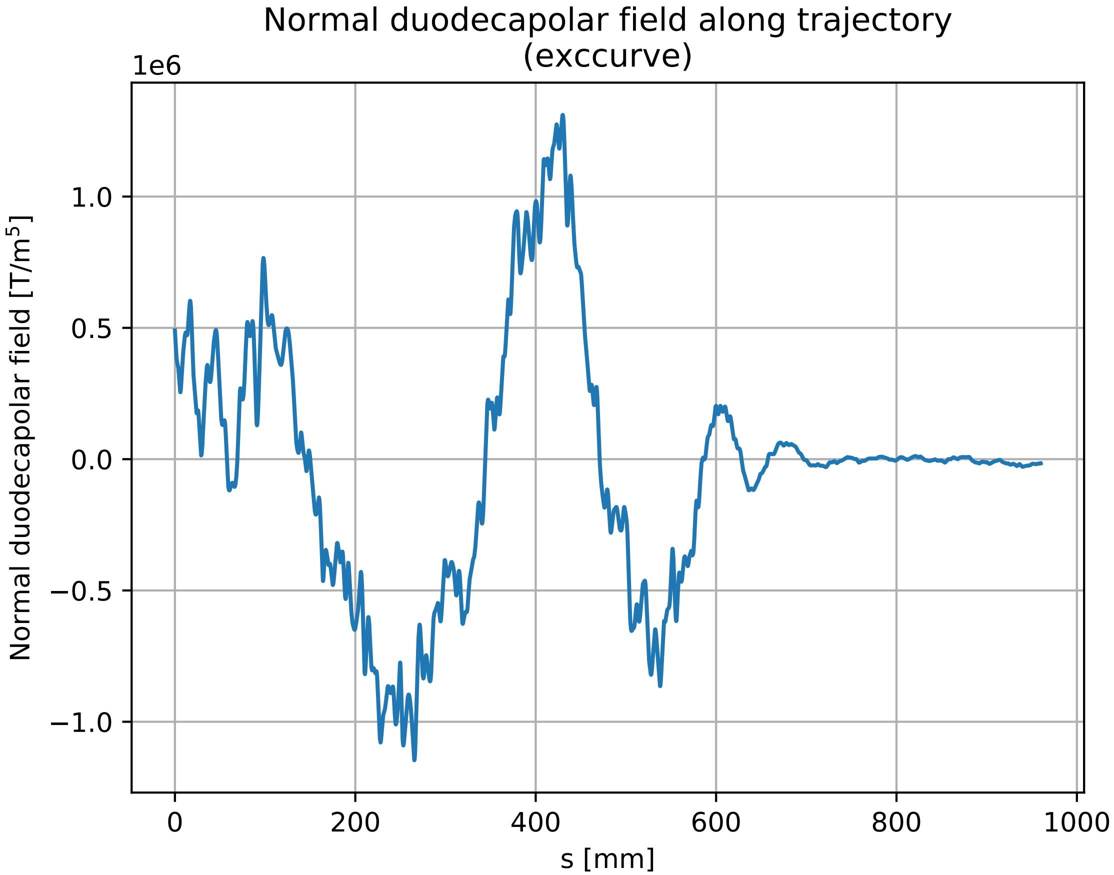

Normal quadrupolar field along trajectory
(exccurve)
Normal quadrupolar field [T/m]
2.5
2.0
1.5
1.0
0.5
0.0
0
200
400
600
800
1000
s [mm]

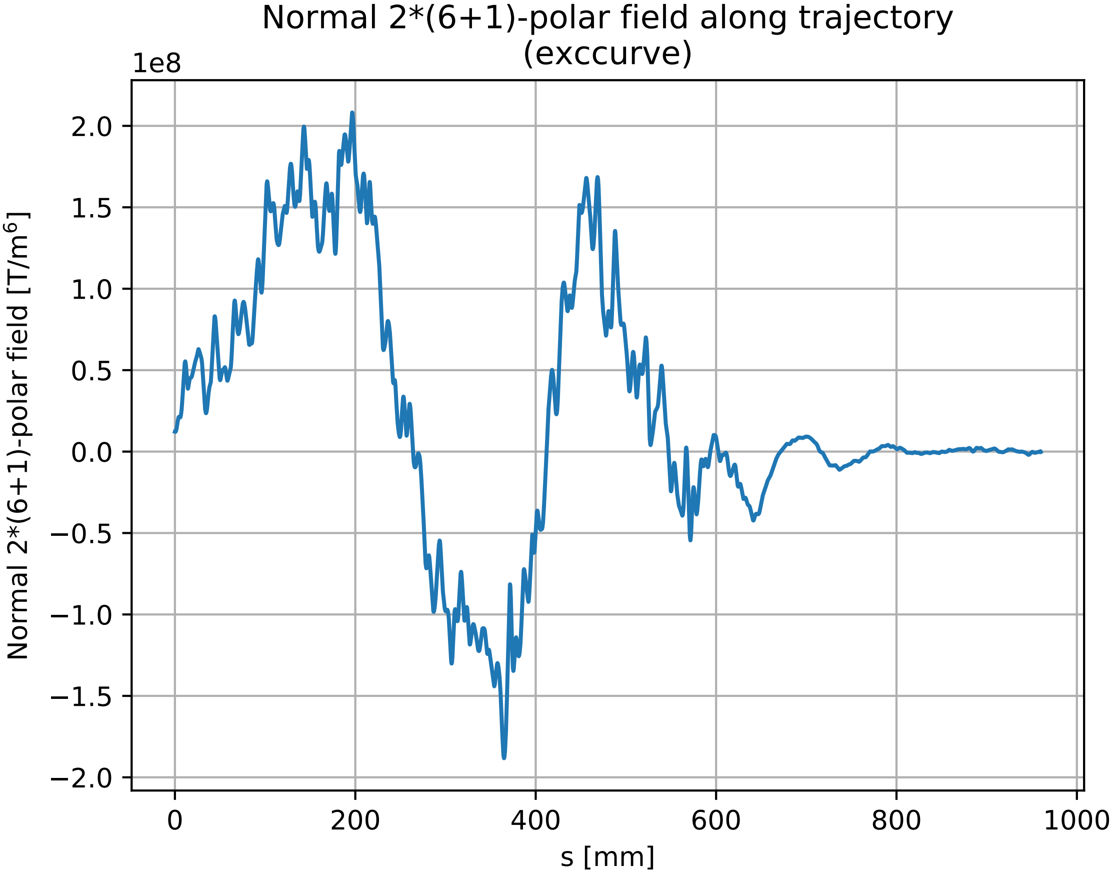

Normal sextupolar field along trajectory
(exccurve)
Normal sextupolar field [T/m²]
25
20
15
10
5
0
0
200
400
600
800
1000
s [mm]

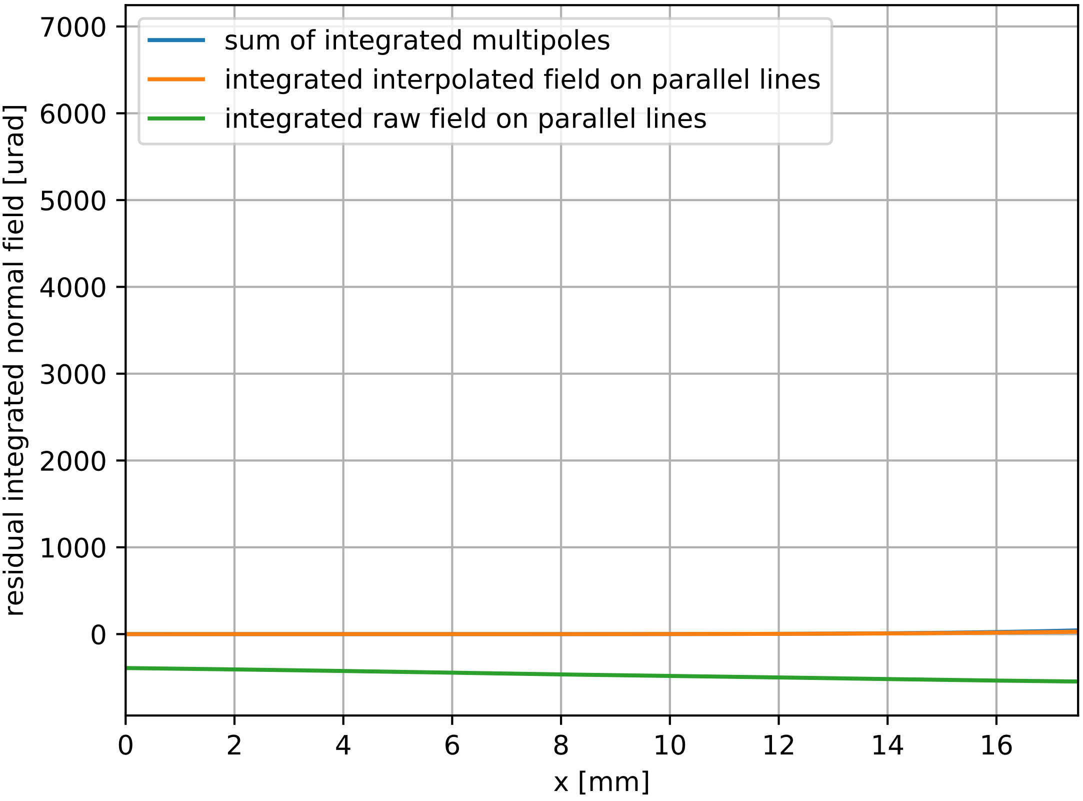


Normal octupolar field along trajectory
(exccurve)
Normal octupolar field [T/m^3]
200
100
0
−100
−200
−300
−400
0
200
400
600
800
1000
s [mm]


Normal decapolar field along trajectory
(exccurve)
1e4
4
2
0
−2
−4
0
200
400
600
800
1000
s [mm]
Normal decapolar field [T/m^4]


Normal duodecapolar field along trajectory
(exccurve)
1e6
1.0
0.5
0.0
−0.5
−1.0
Normal duodecapolar field [T/m^5]
0
200
400
600
800
1000
s [mm]


Normal 2*(6+1)-polar field along trajectory
(exccurve)
1e8
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
Normal 2*(6+1)-polar field [T/m^6]
0
200
400
600
800
1000
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated normal field [urad]
7000
6000
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
x [mm]