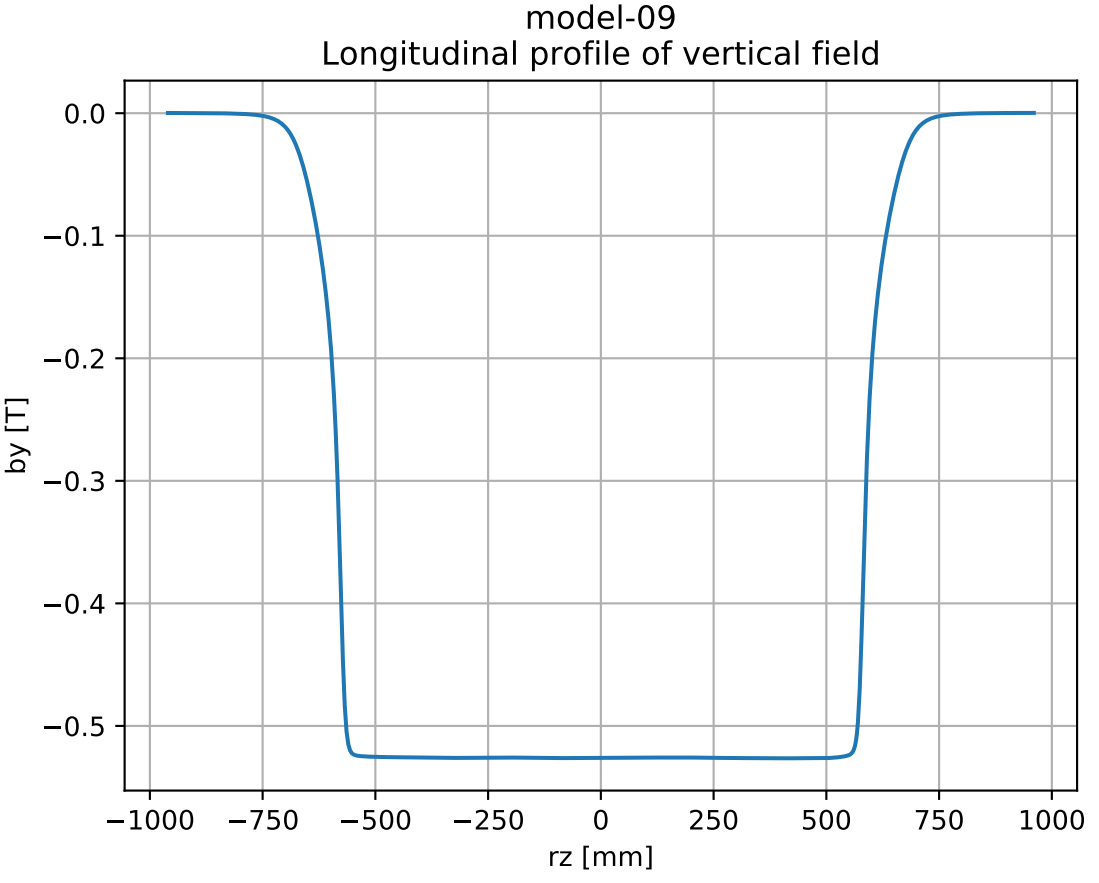
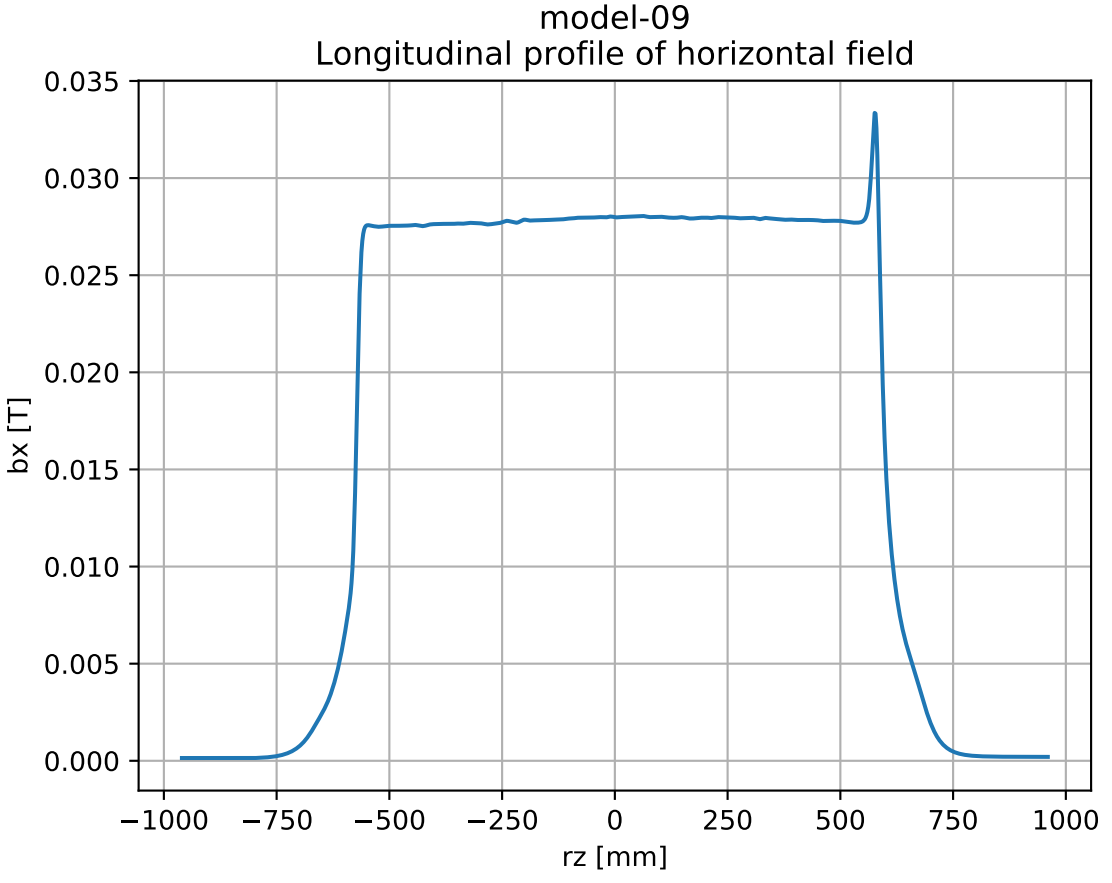
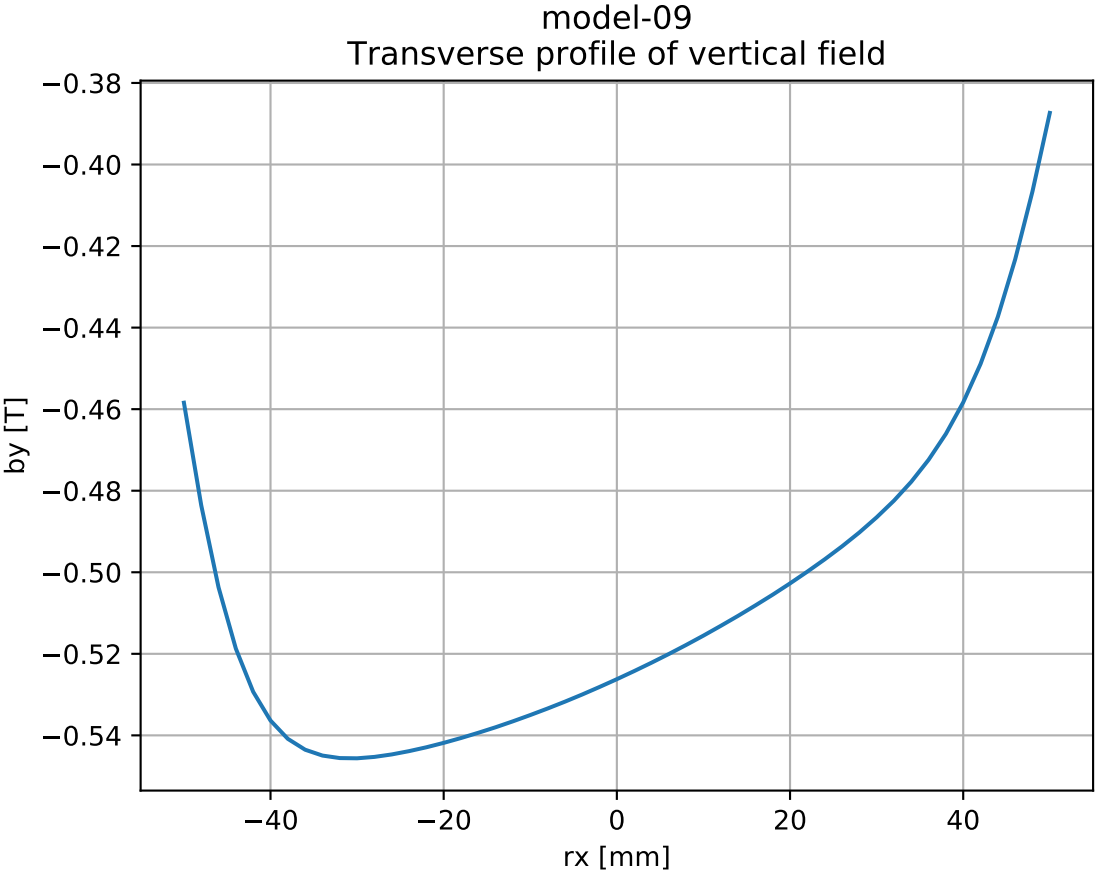
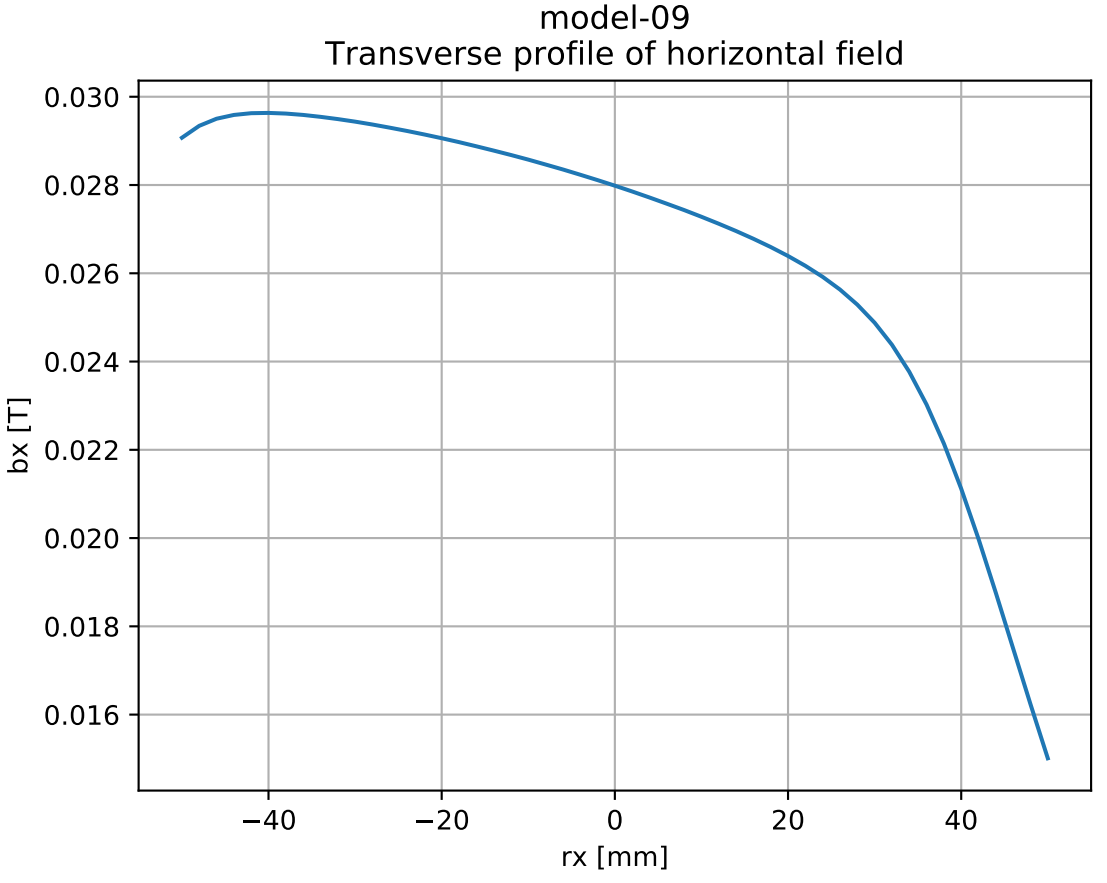
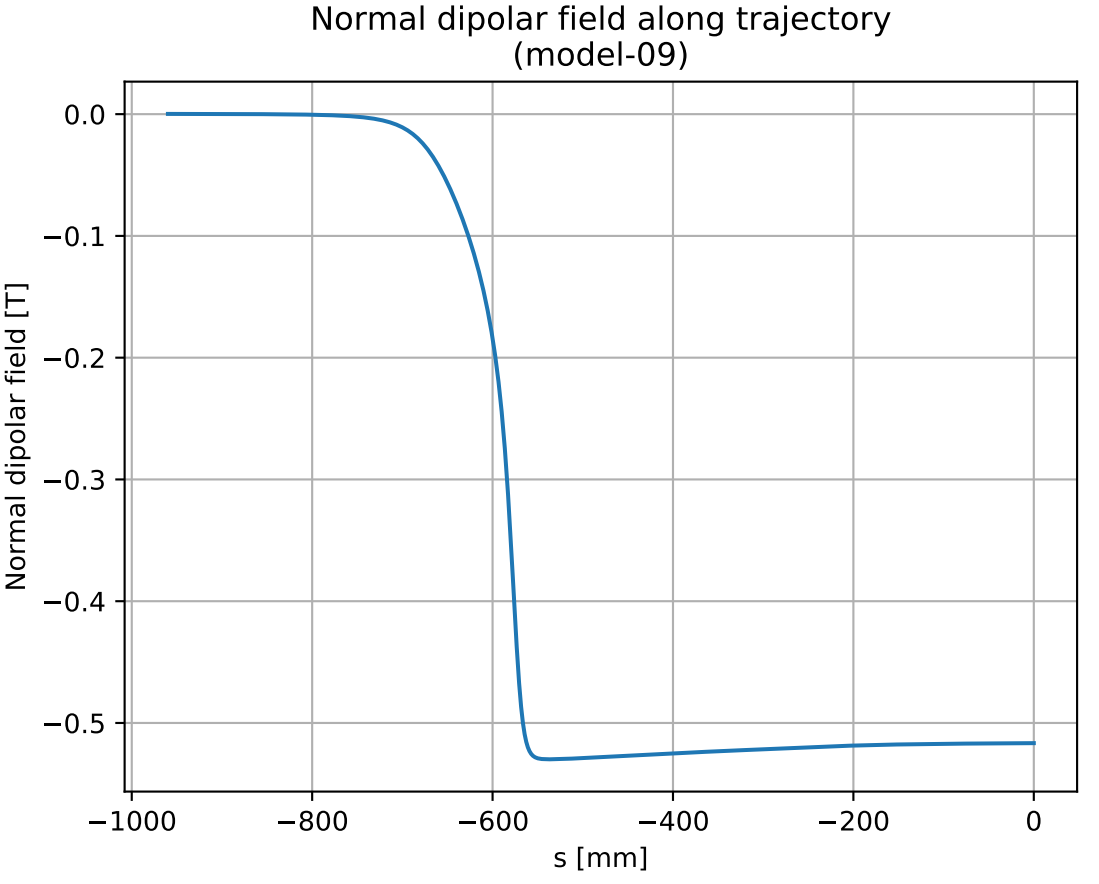
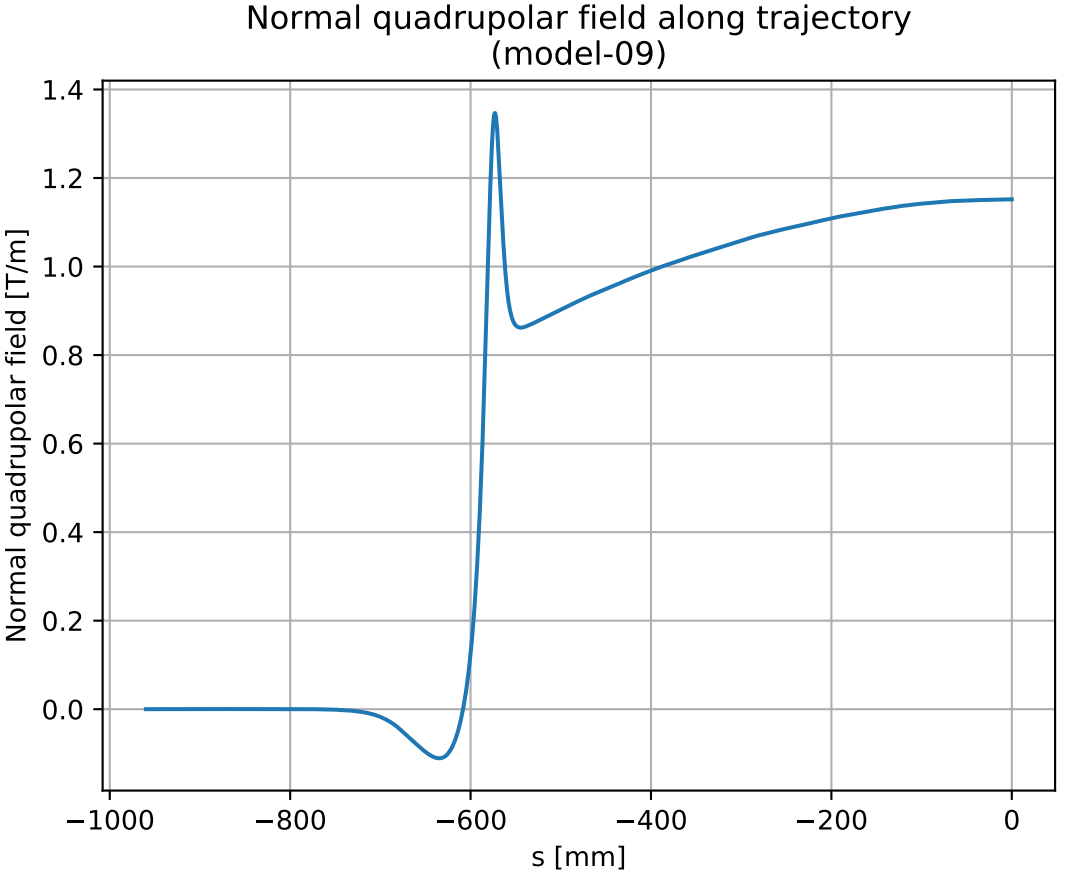

model-09
Longitudinal profile of vertical field
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
by [T]
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

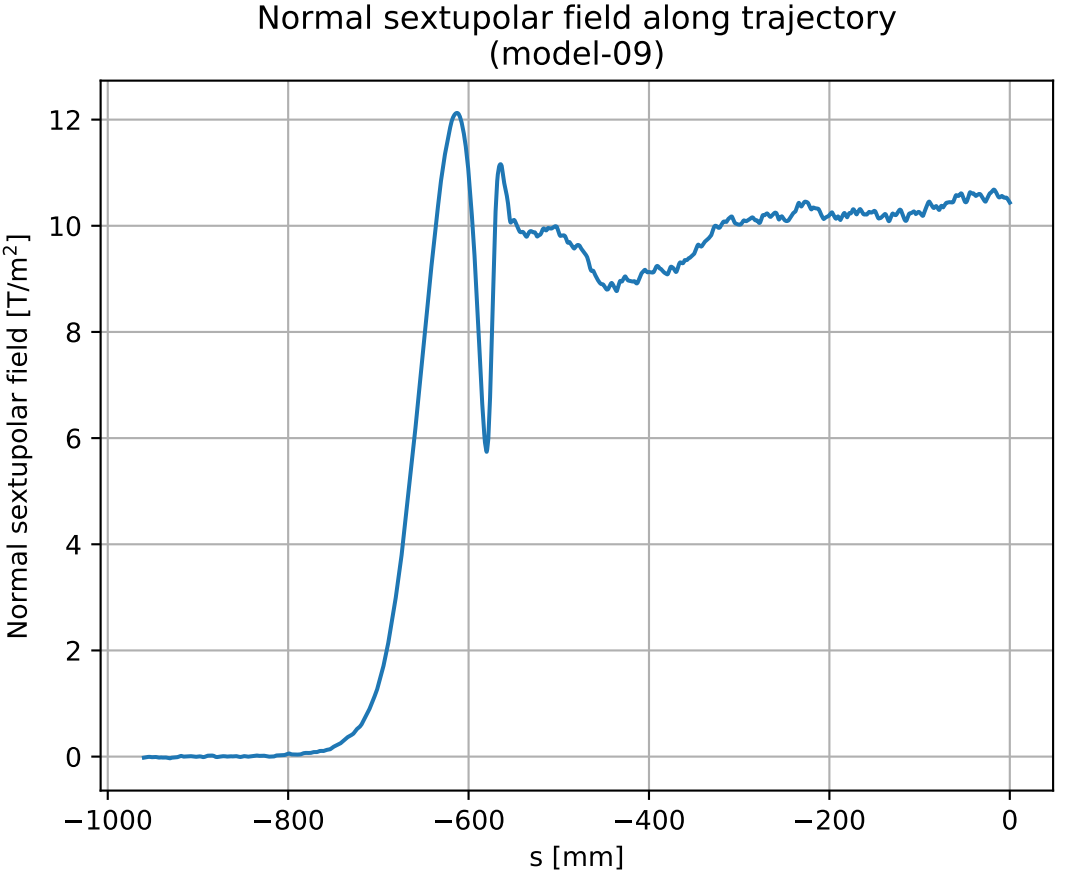

model-09
Longitudinal profile of horizontal field
bx [T]
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−1000
−750
−500
−250
0
250
500
750
1000
rz [mm]

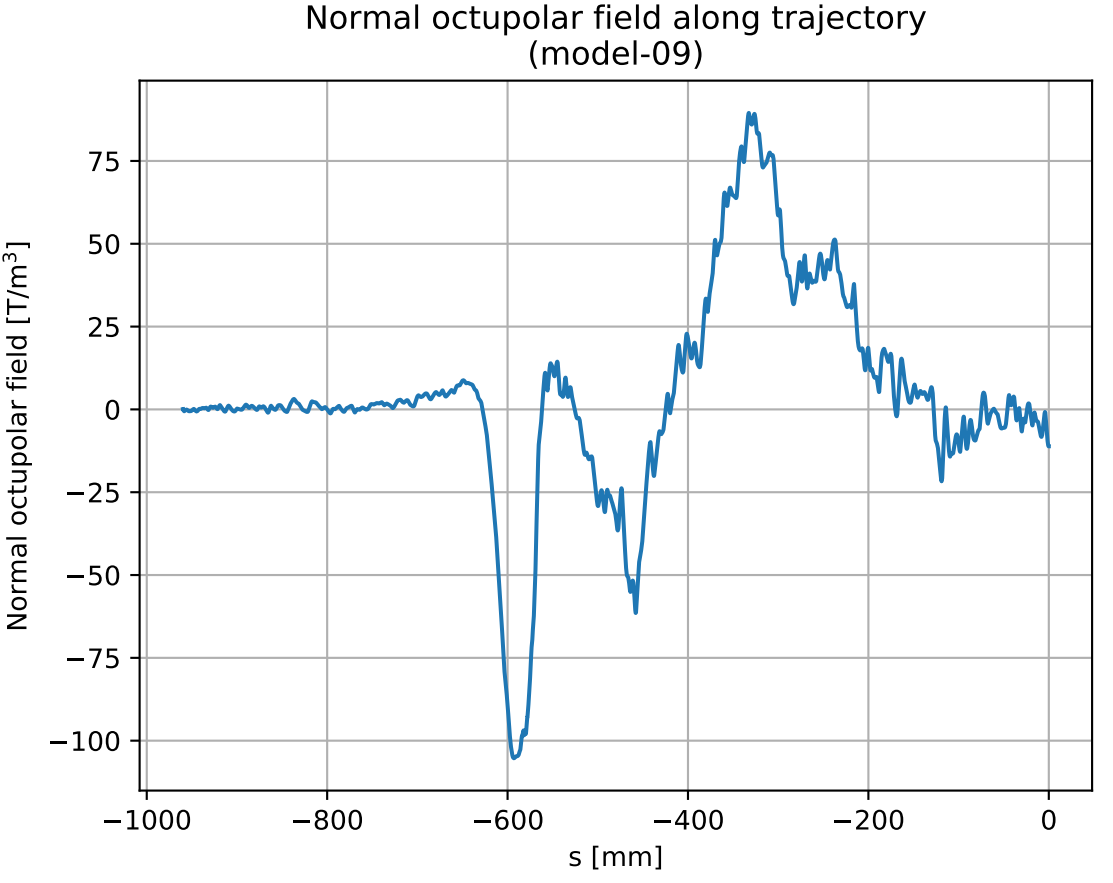

model-09
Transverse profile of vertical field
−0.38
−0.40
−0.42
−0.44
−0.46
−0.48
−0.50
−0.52
−0.54
by [T]
−40
−20
0
20
40
rx [mm]

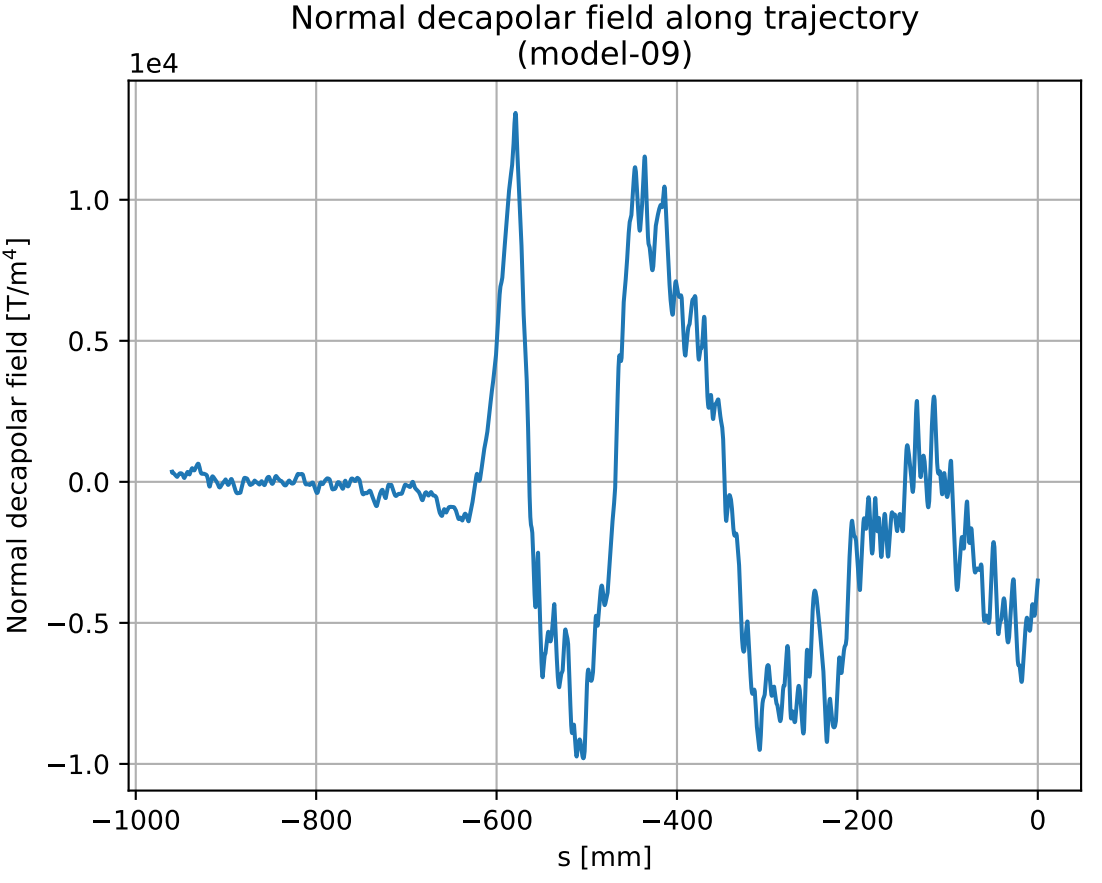

model-09
Transverse profile of horizontal field
0.030
0.028
0.026
0.024
0.022
0.020
0.018
0.016
bx [T]
−40
−20
0
20
40
rx [mm]

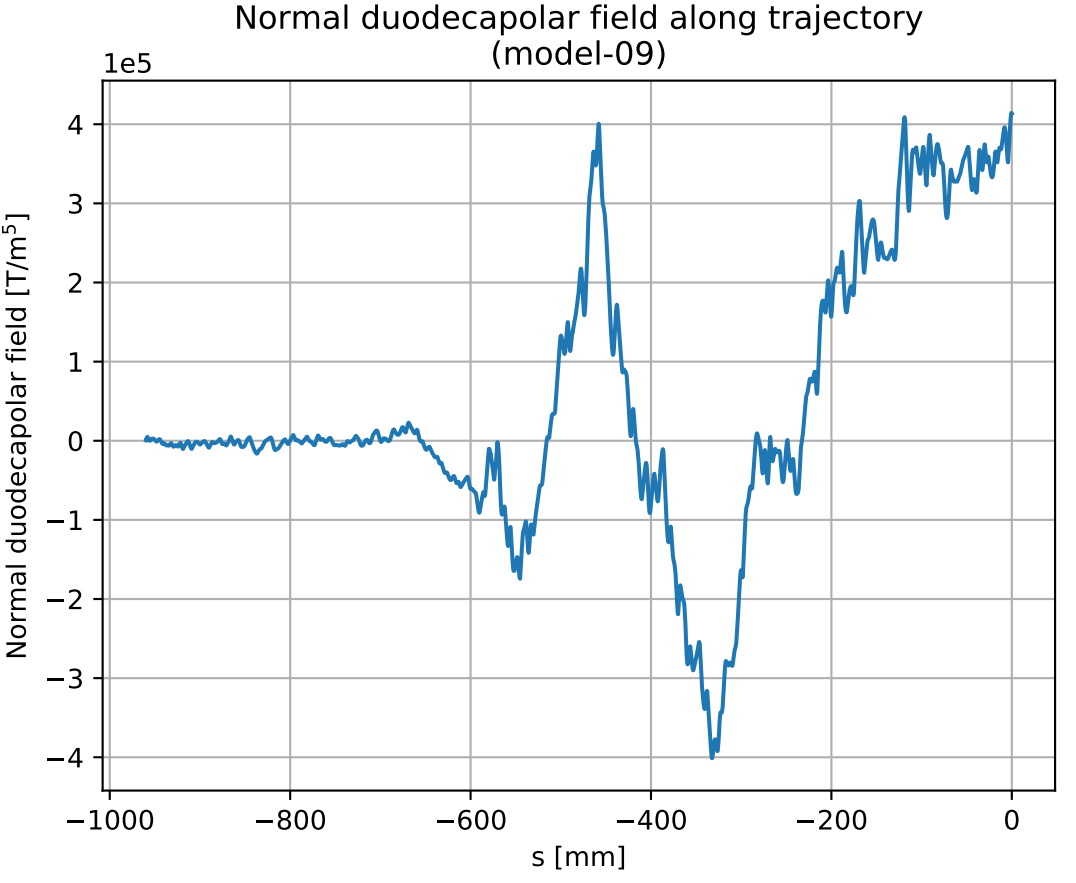

Normal dipolar field along trajectory
(model-09)
Normal dipolar field [T]
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−1000
−800
−600
−400
−200
0
s [mm]

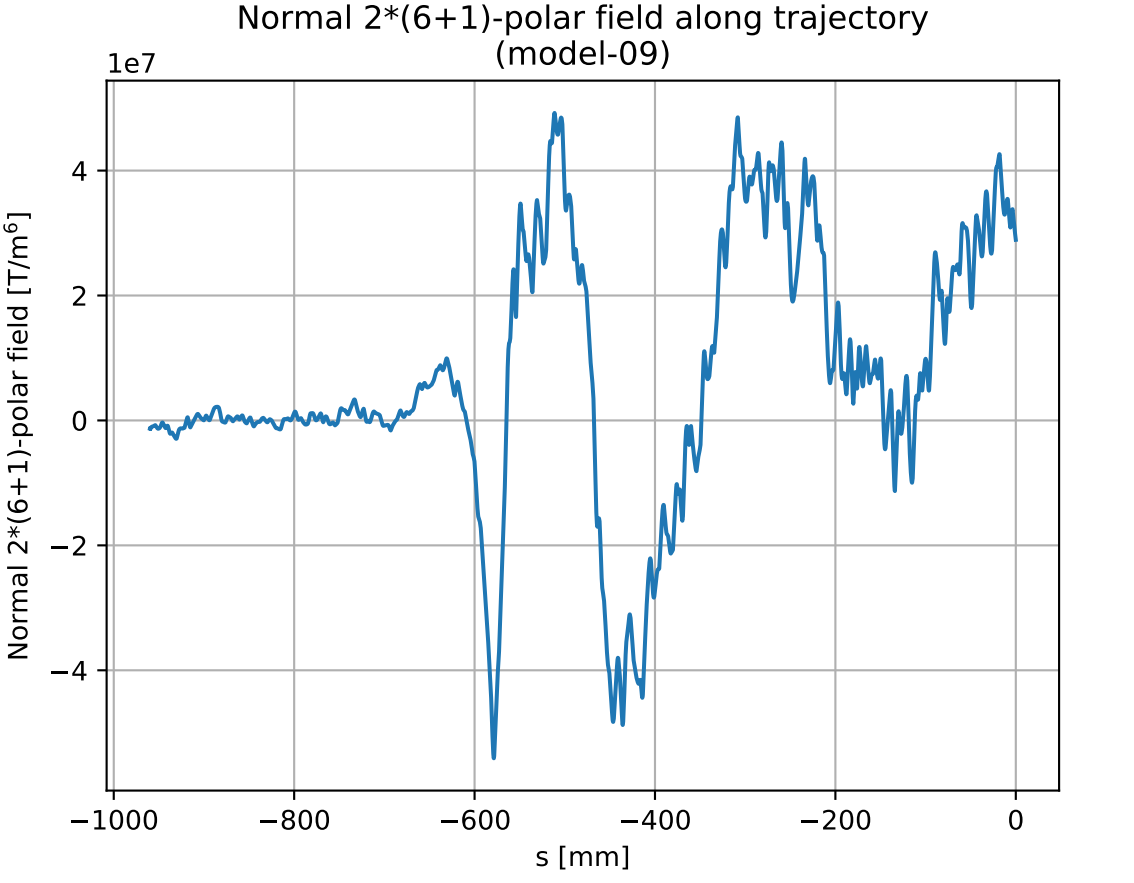

Normal quadrupolar field along trajectory
(model-09)
Normal quadrupolar field [T/m]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−1000
−800
−600
−400
−200
0
s [mm]

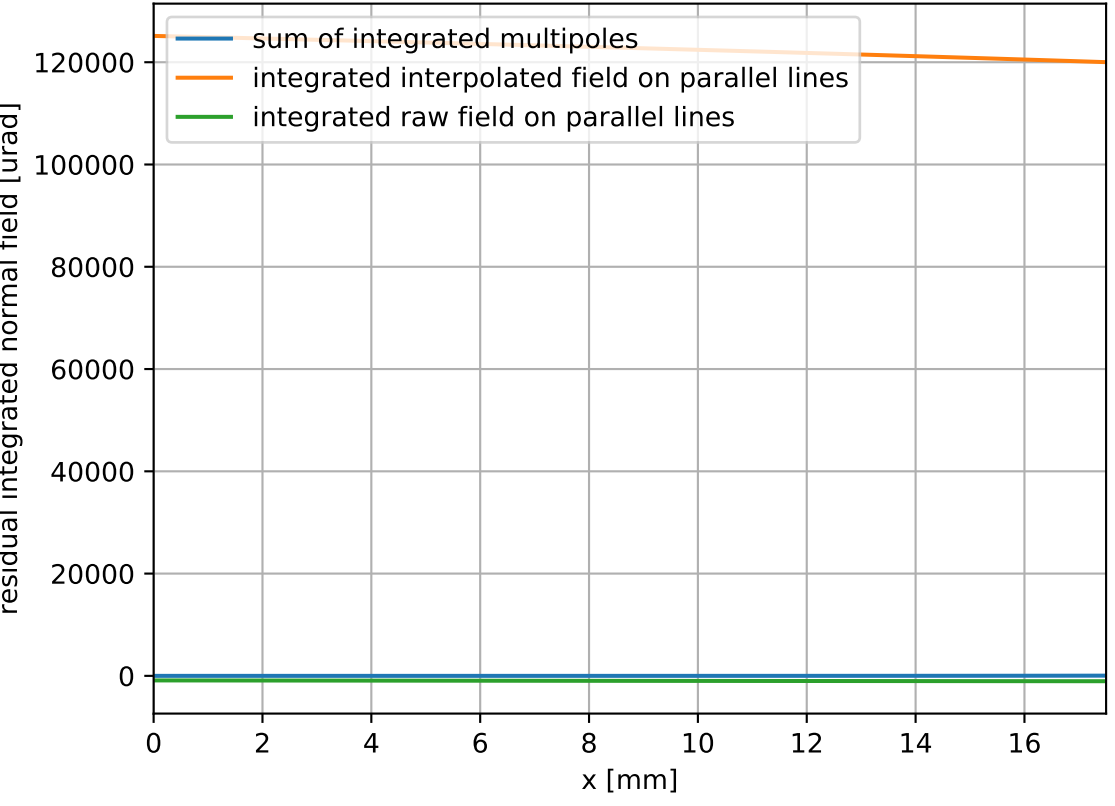

Normal sextupolar field along trajectory
(model-09)
Normal sextupolar field [T/m^2]
12
10
8
6
4
2
0
−1000
−800
−600
−400
−200
0
s [mm]


Normal octupolar field along trajectory
(model-09)
Normal octupolar field [T/m^3]
75
50
25
0
−25
−50
−75
−100
−1000
−800
−600
−400
−200
0
s [mm]


Normal decapolar field along trajectory
(model-09)
1e4
1.0
0.5
0.0
−0.5
−1.0
Normal decapolar field [T/m^4]
−1000
−800
−600
−400
−200
0
s [mm]


Normal duodecapolar field along trajectory
(model-09)
1e5
Normal duodecapolar field [T/m^5]
4
3
2
1
0
−1
−2
−3
−4
−1000
−800
−600
−400
−200
0
s [mm]


Normal 2*(6+1)-polar field along trajectory
(model-09)
1e7
Normal 2*(6+1)-polar field [T/m^6]
4
2
0
−2
−4
−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]