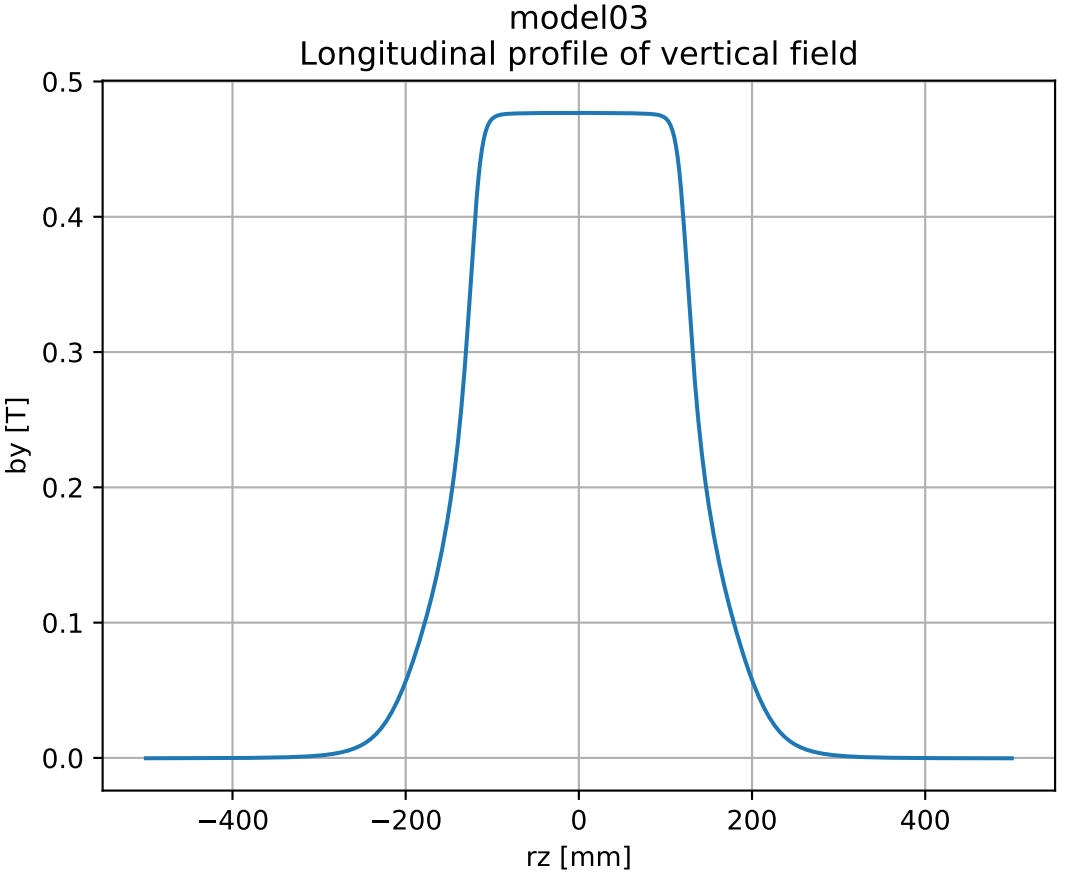
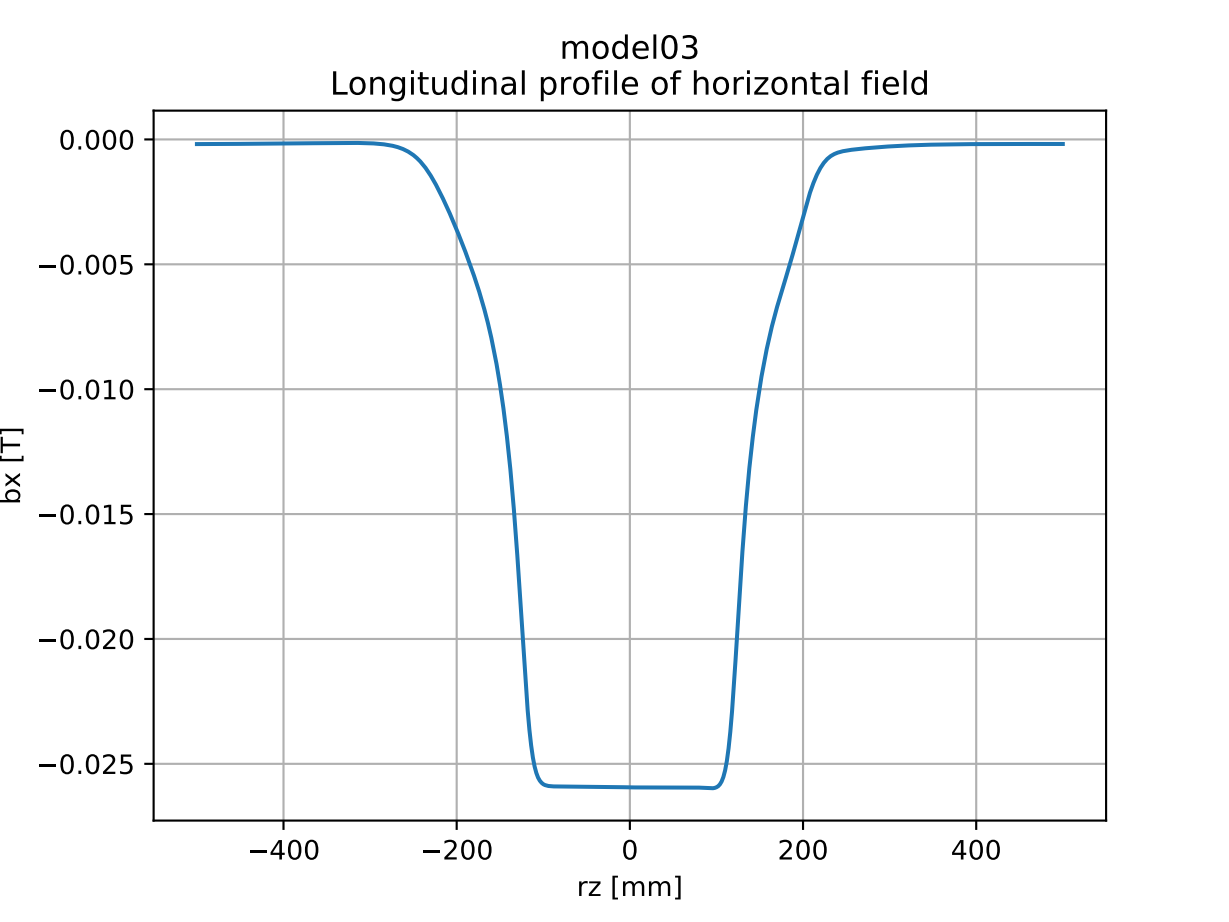
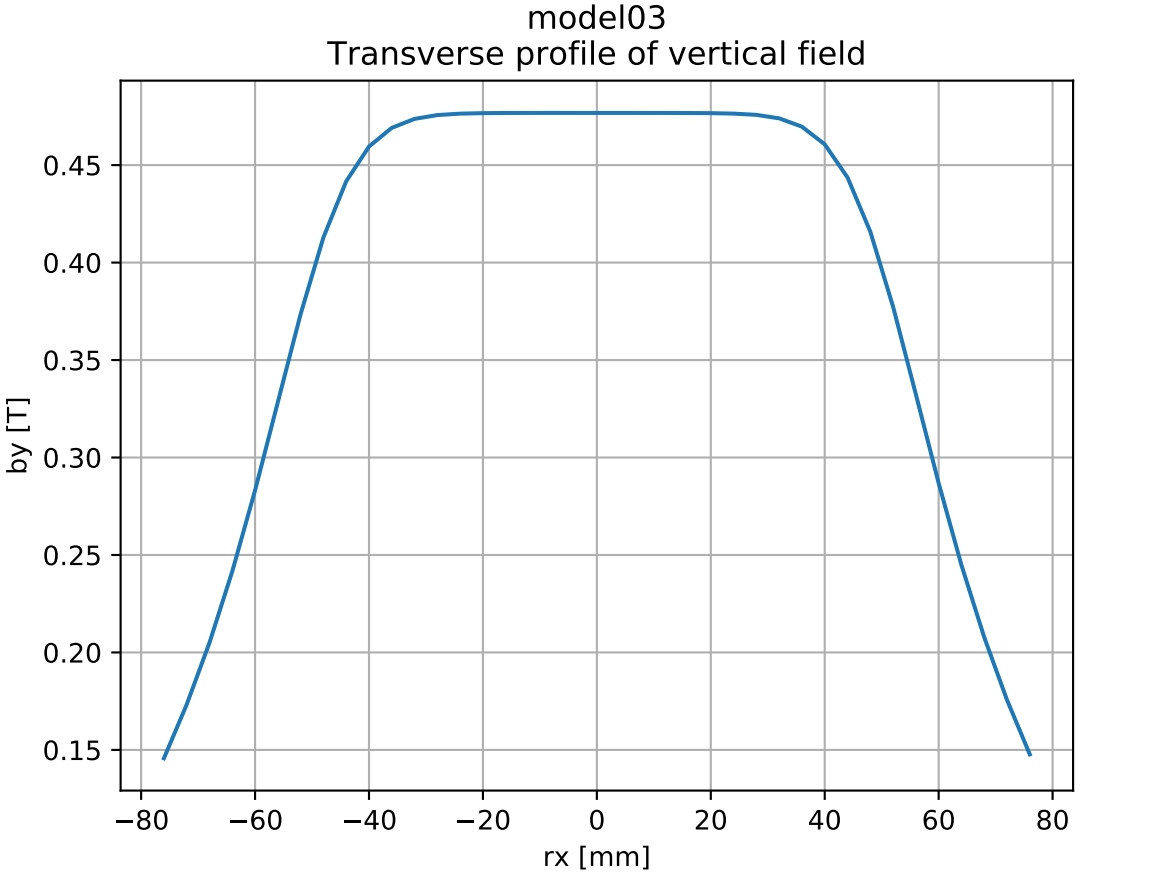
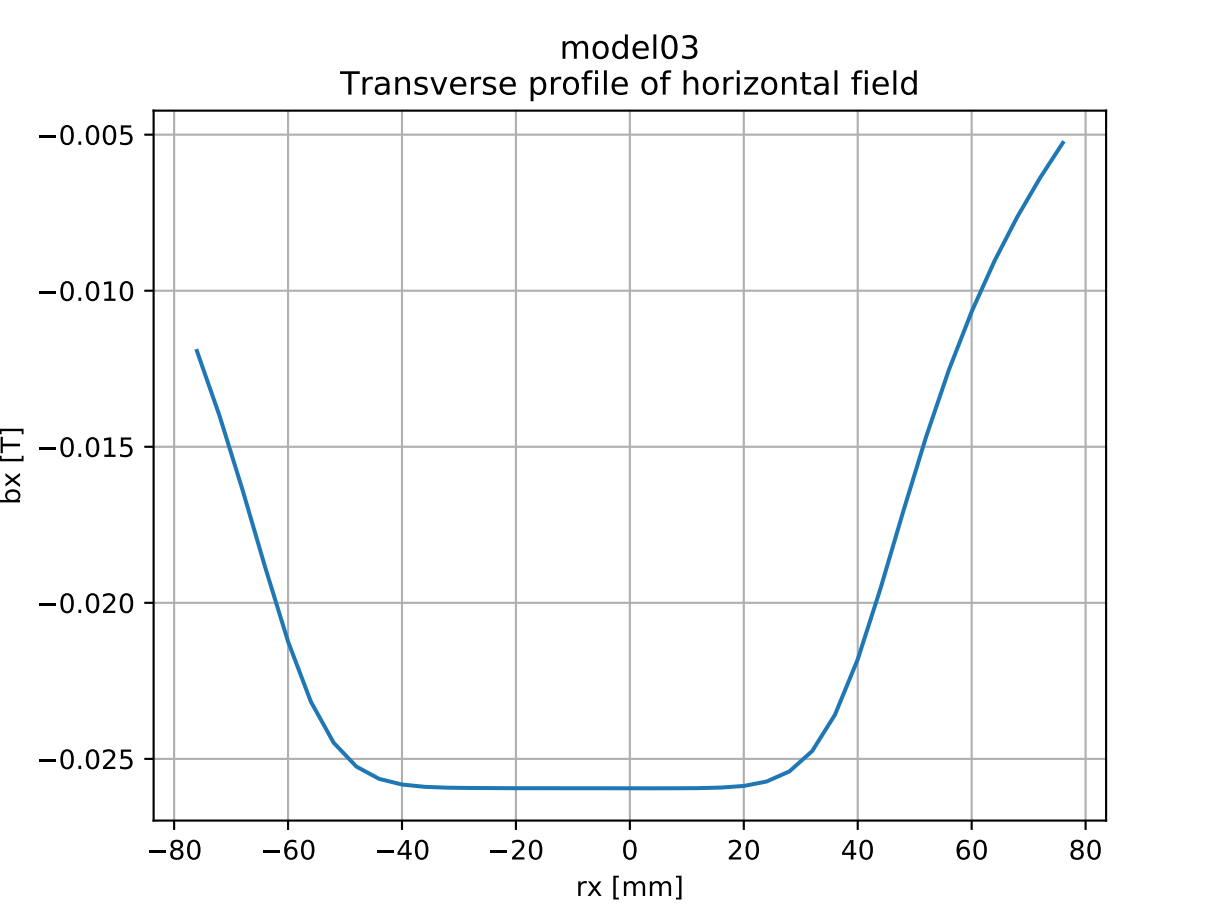
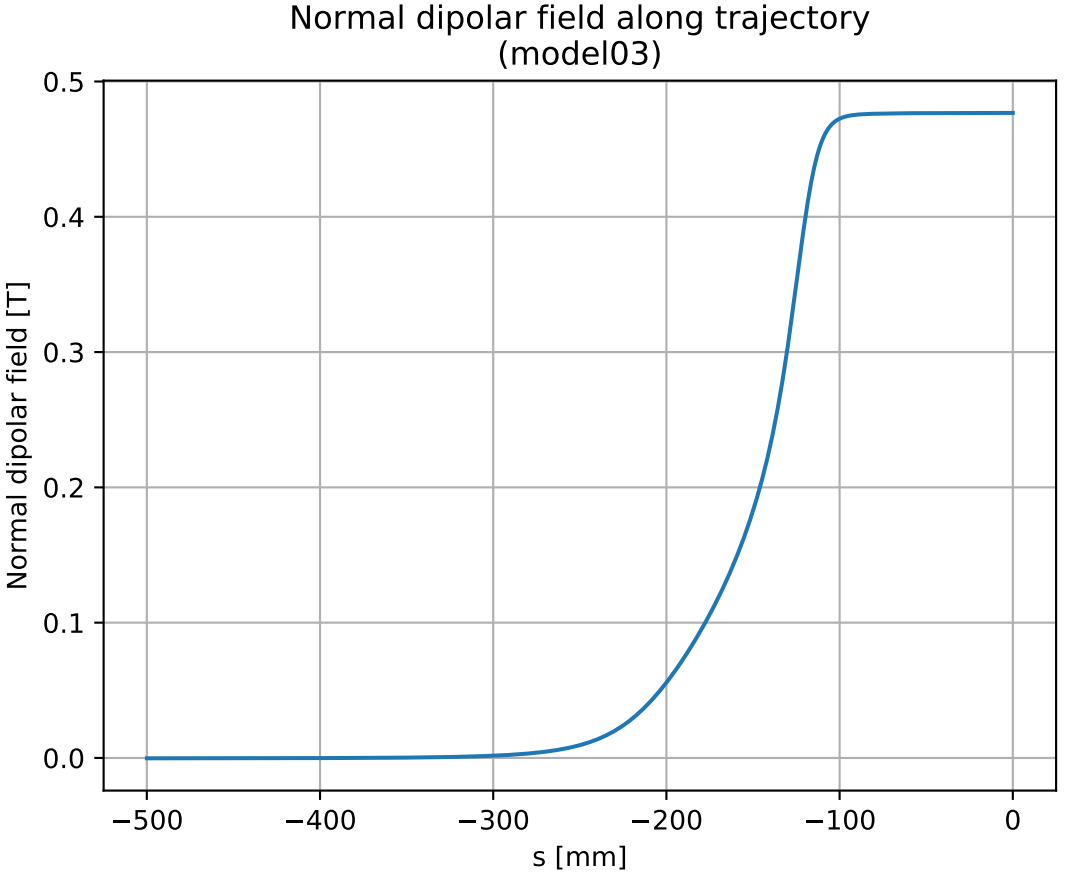
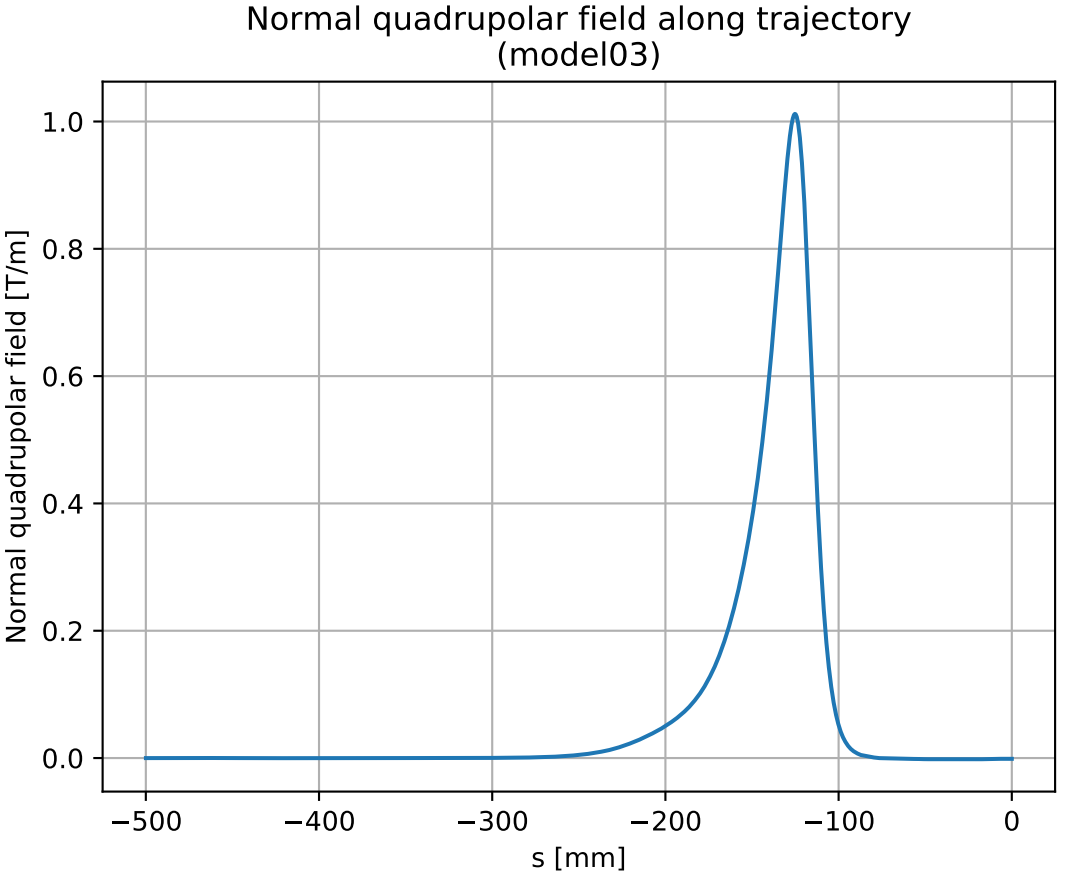

model03
Longitudinal profile of vertical field
0.5
0.4
0.3
0.2
0.1
0.0
by [T]
−400
−200
0
200
400
rz [mm]

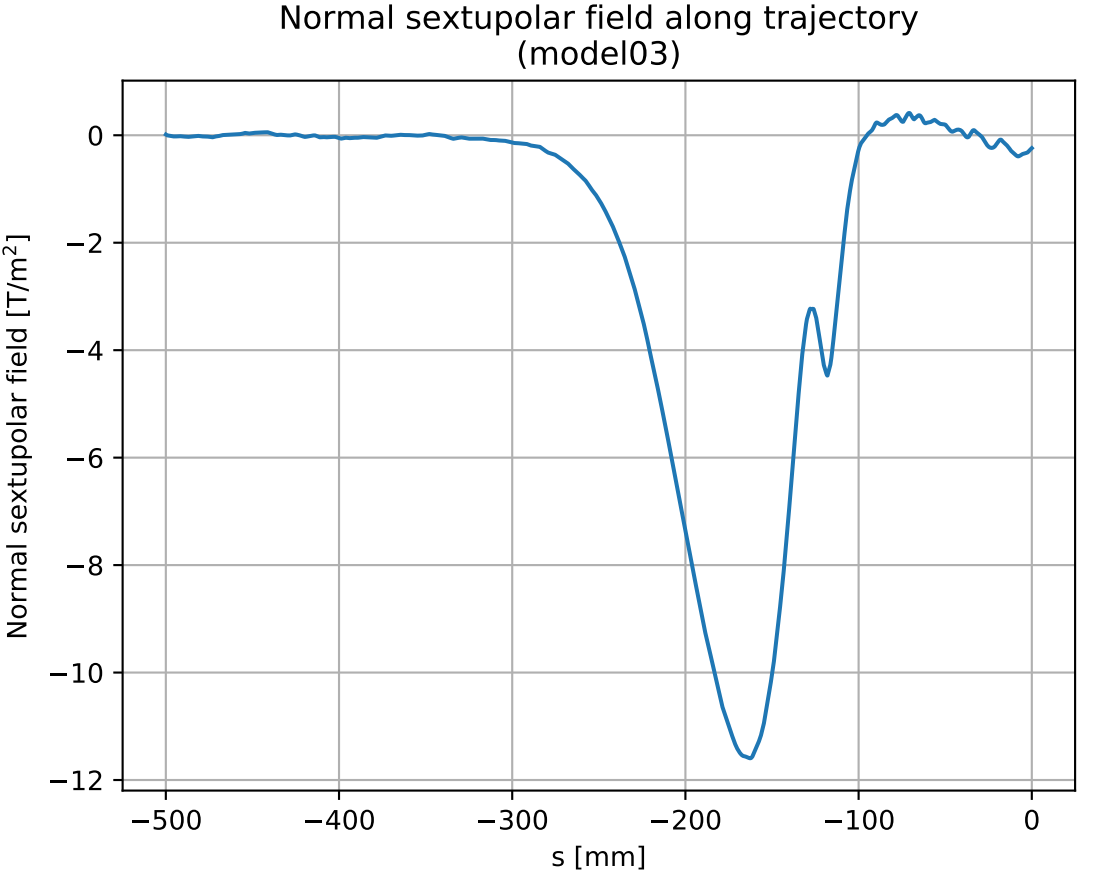

model03
Longitudinal profile of horizontal field
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
bx [T]
−400
−200
0
200
400
rz [mm]

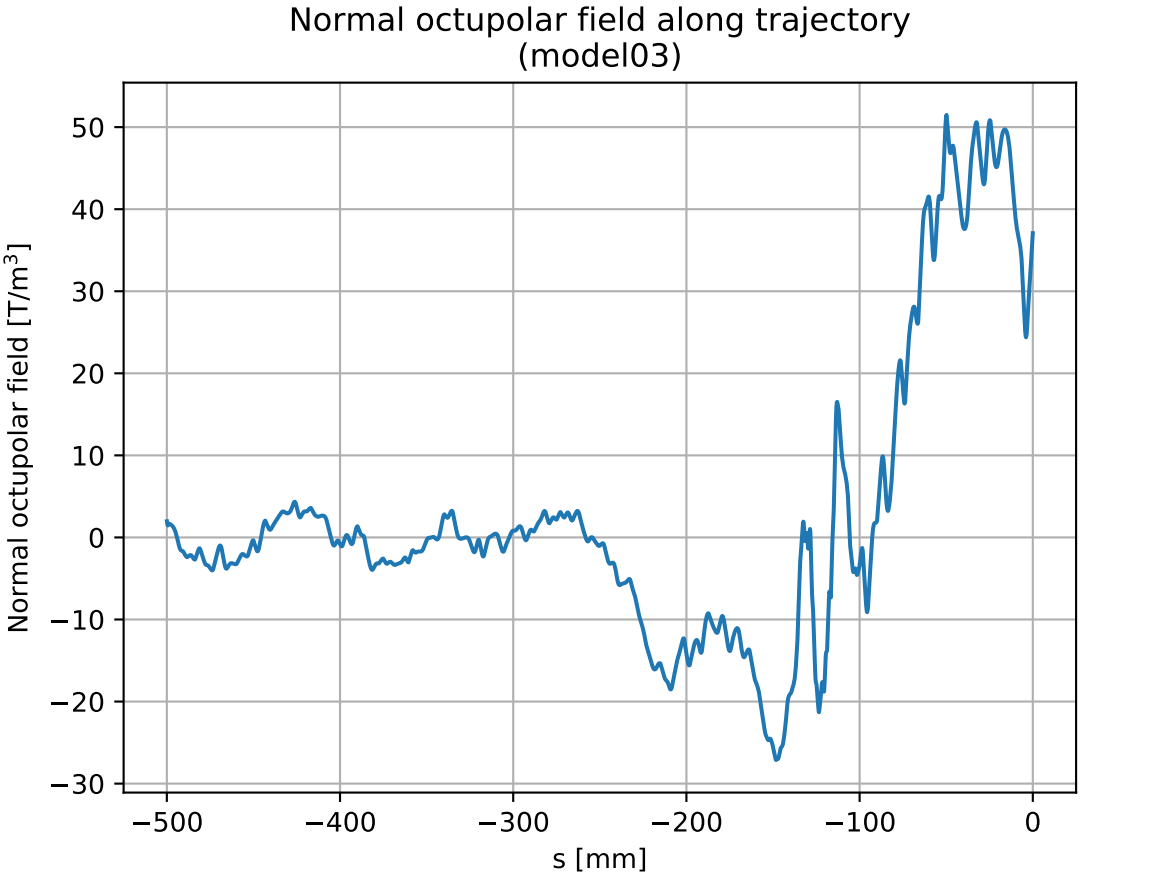

model03
Transverse profile of vertical field
by [T]
0.45
0.40
0.35
0.30
0.25
0.20
0.15
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

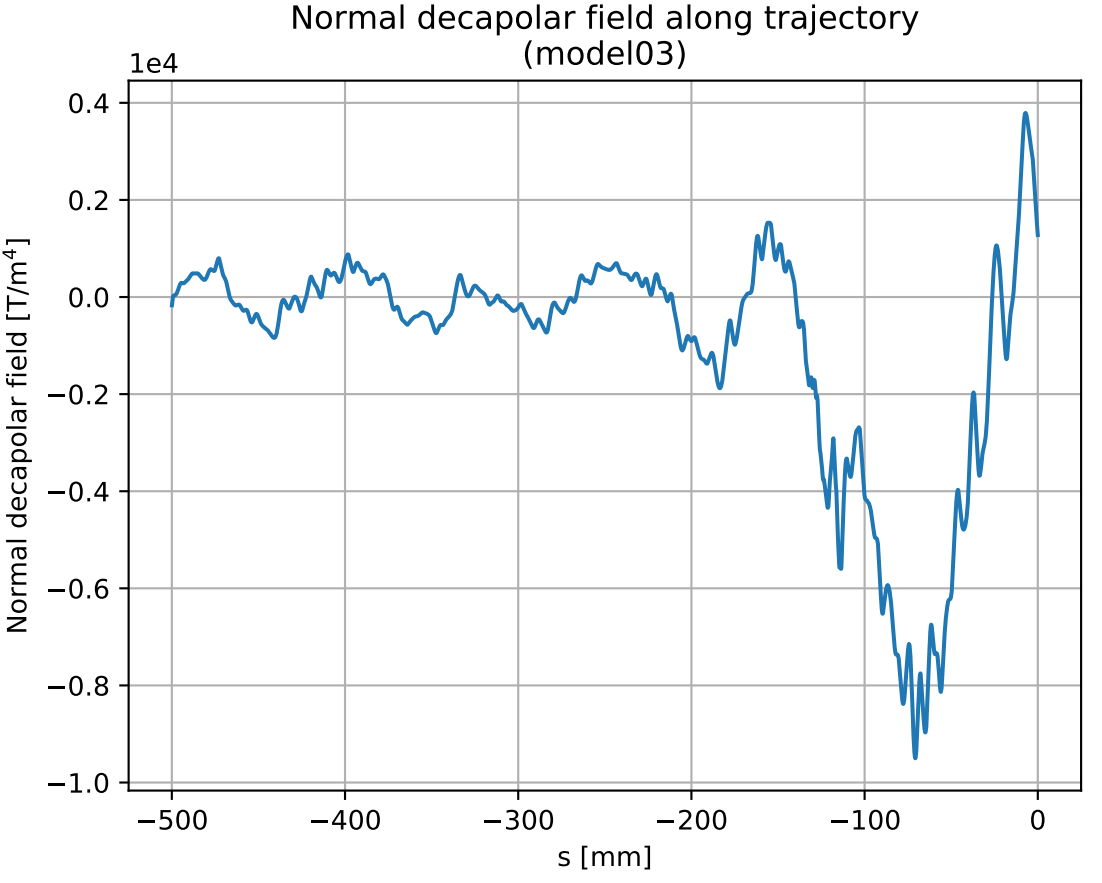

model03
Transverse profile of horizontal field
bx [T]
−0.005
−0.010
−0.015
−0.020
−0.025
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

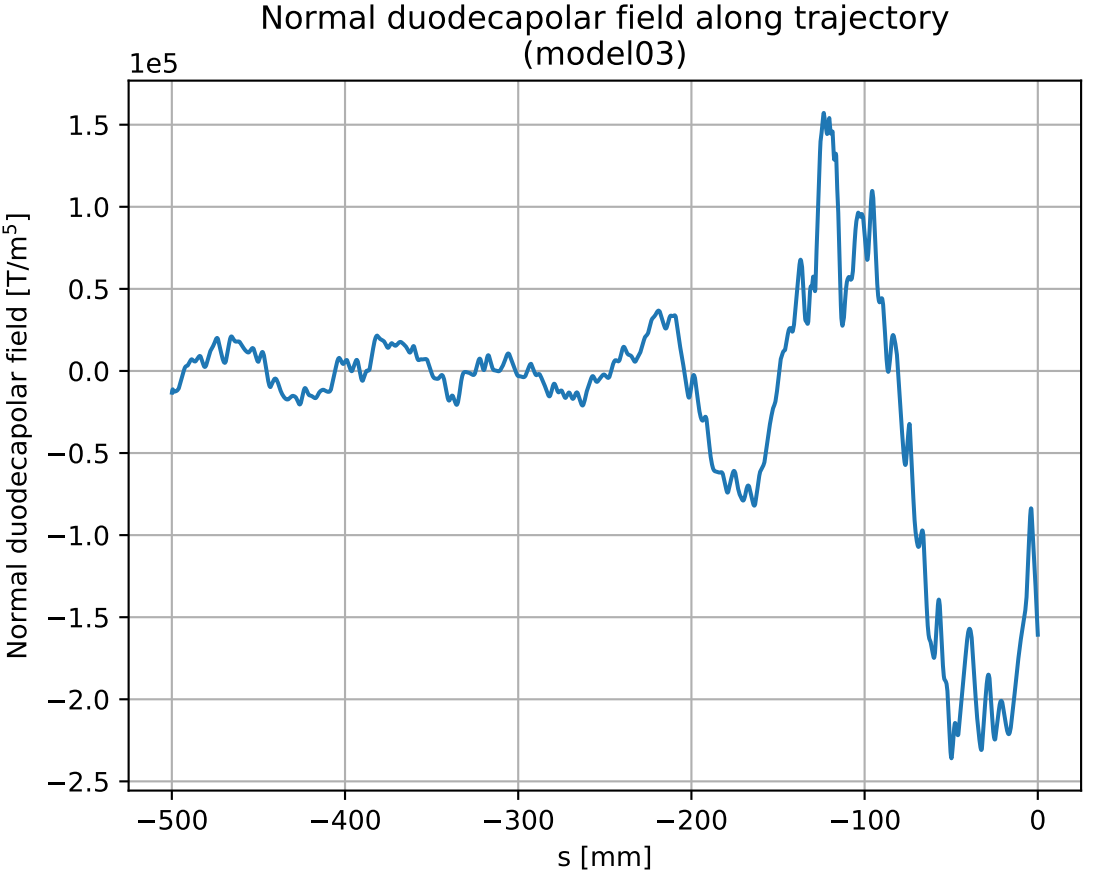

Normal dipolar field along trajectory
(model03)
Normal dipolar field [T]
0.5
0.4
0.3
0.2
0.1
0.0
−500
−400
−300
−200
−100
0
s [mm]

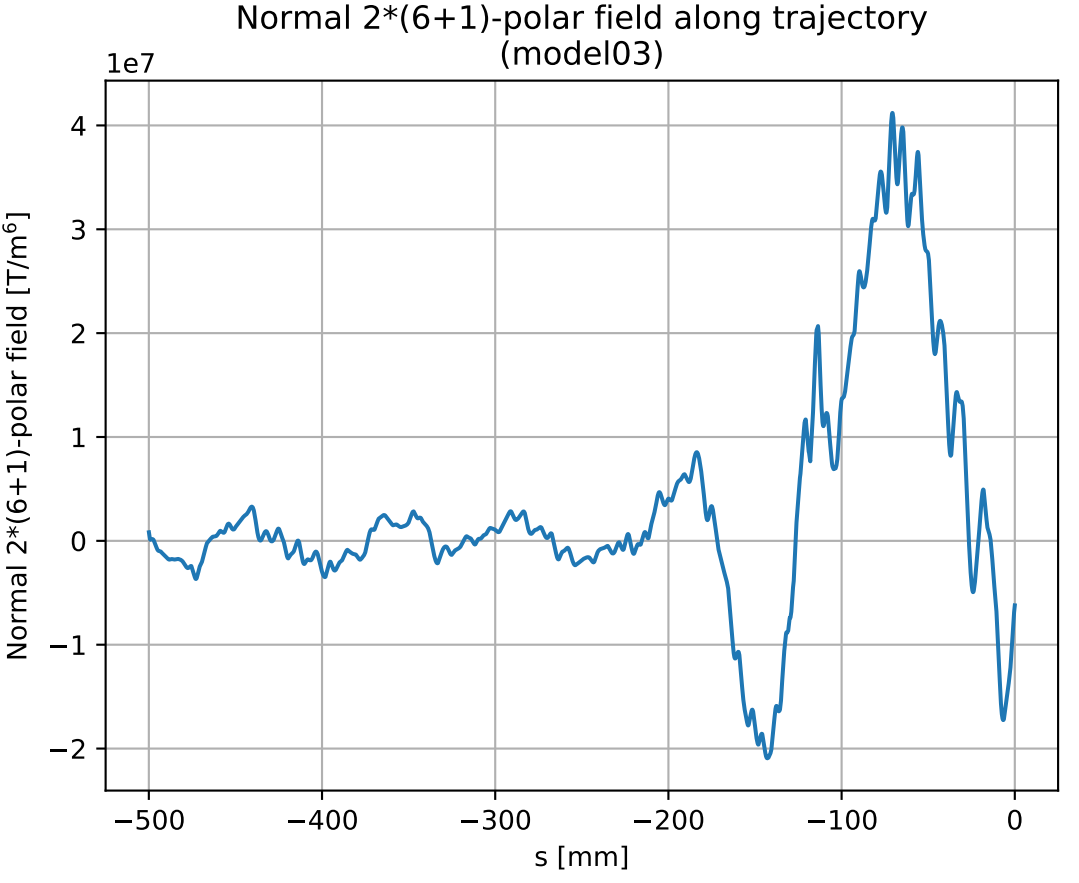

Normal quadrupolar field along trajectory
(model03)
Normal quadrupolar field [T/m]
1.0
0.8
0.6
0.4
0.2
0.0
−500
−400
−300
−200
−100
0
s [mm]

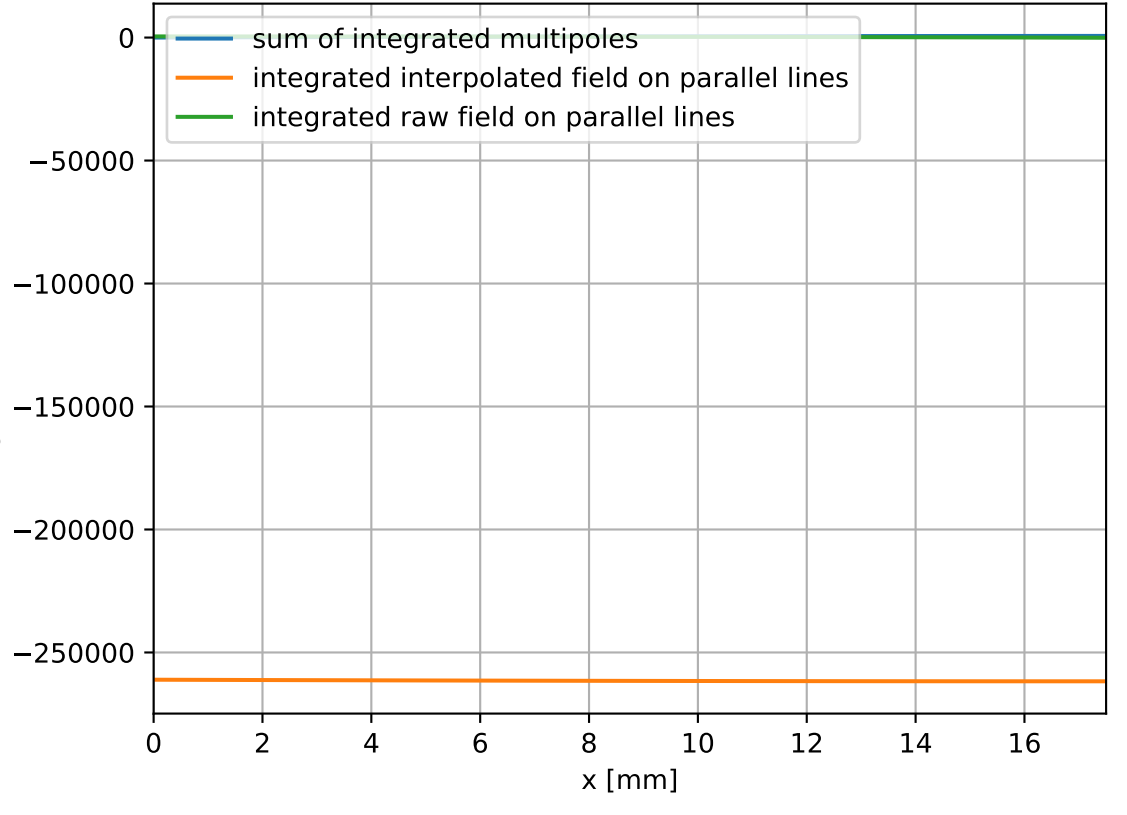

Normal sextupolar field along trajectory
(model03)
Normal sextupolar field [T/m^2]
0
−2
−4
−6
−8
−10
−12
−500
−400
−300
−200
−100
0
s [mm]


Normal octupolar field along trajectory
(model03)
Normal octupolar field [T/m^3]
50
40
30
20
10
0
−10
−20
−30
−500
−400
−300
−200
−100
0
s [mm]


Normal decapolar field along trajectory
(model03)
1e4
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Normal decapolar field [T/m^4]
−500
−400
−300
−200
−100
0
s [mm]


Normal duodecapolar field along trajectory
(model03)
1e5
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
Normal duodecapolar field [T/m^5]
−500
−400
−300
−200
−100
0
s [mm]


Normal 2*(6+1)-polar field along trajectory
(model03)
1e7
Normal 2*(6+1)-polar field [T/m^6]
4
3
2
1
0
−1
−2
−500
−400
−300
−200
−100
0
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
0
−50000
−100000
−150000
−200000
−250000
0
2
4
6
8
10
12
14
16
x [mm]