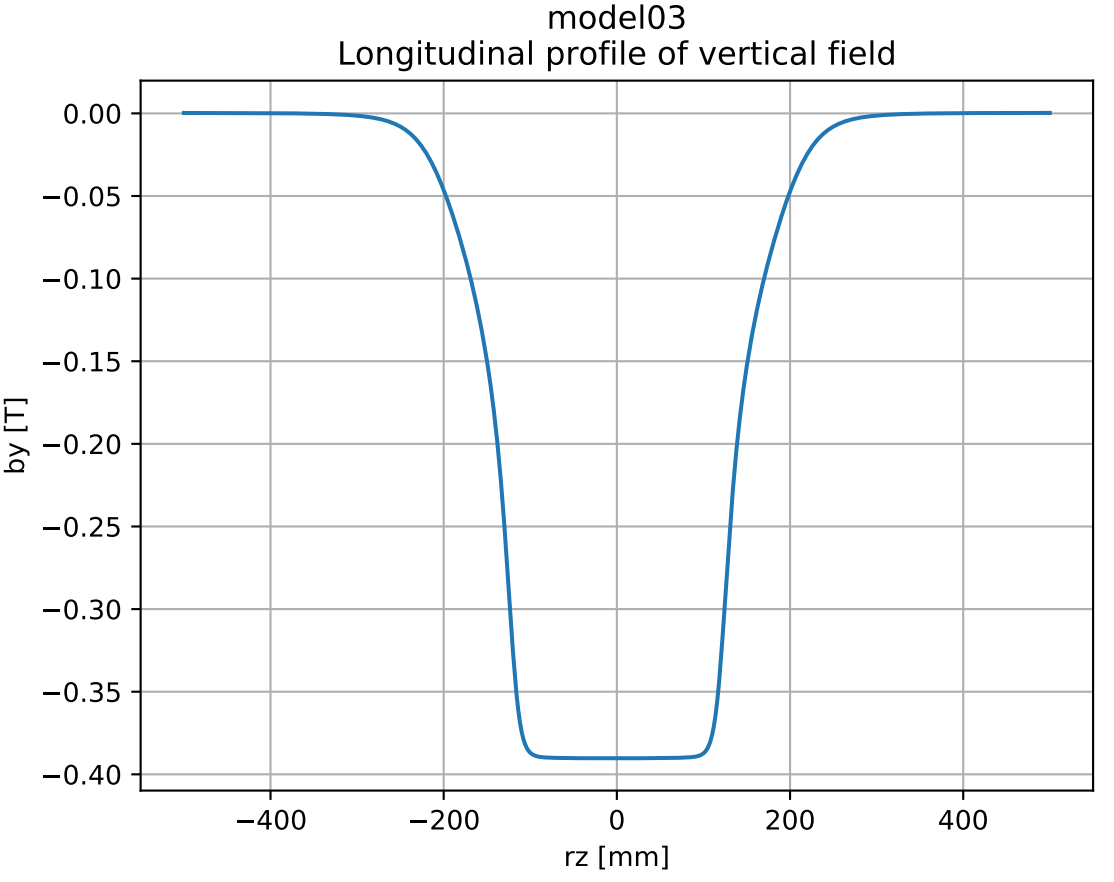
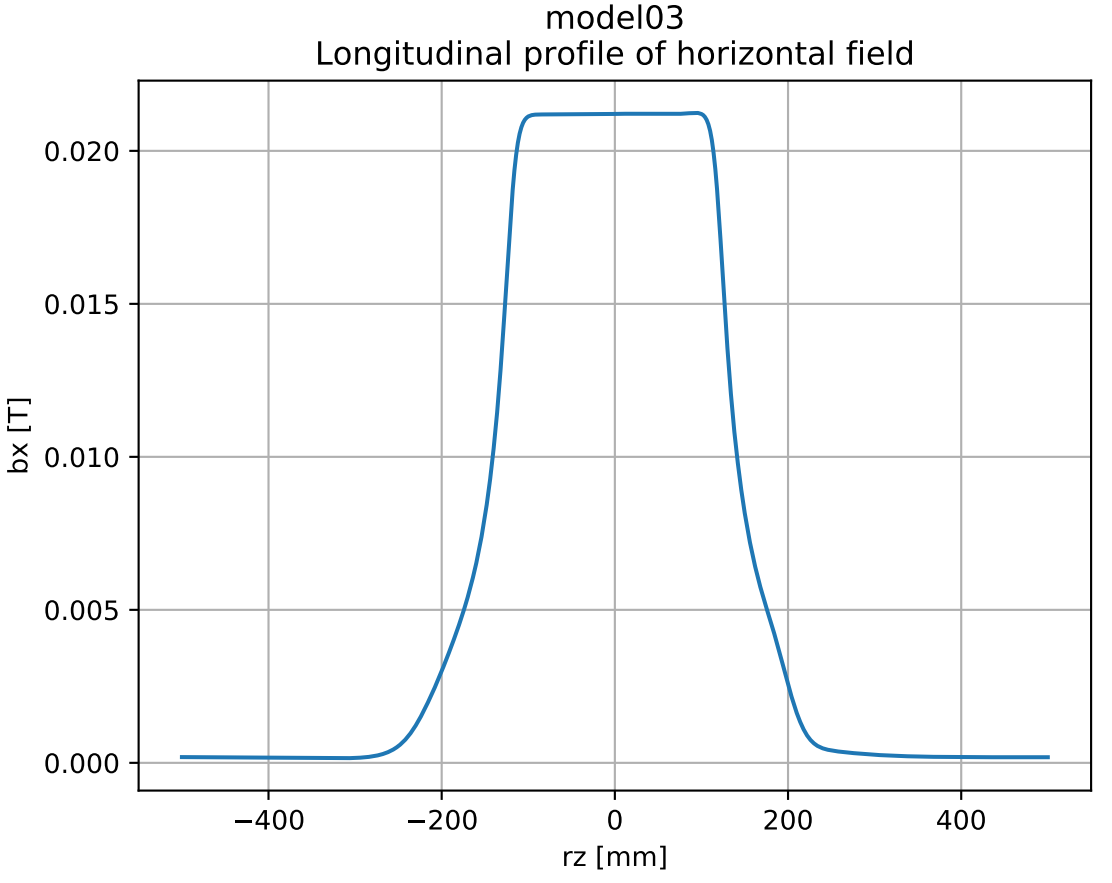
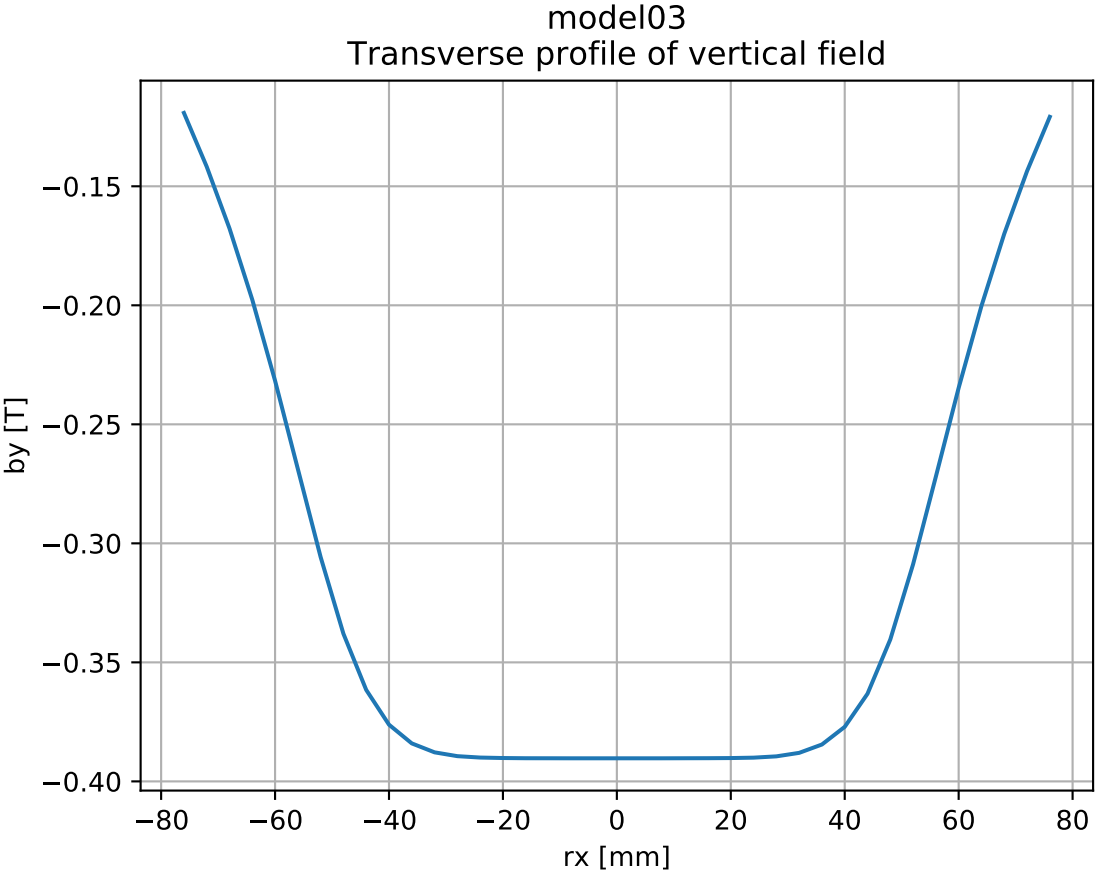
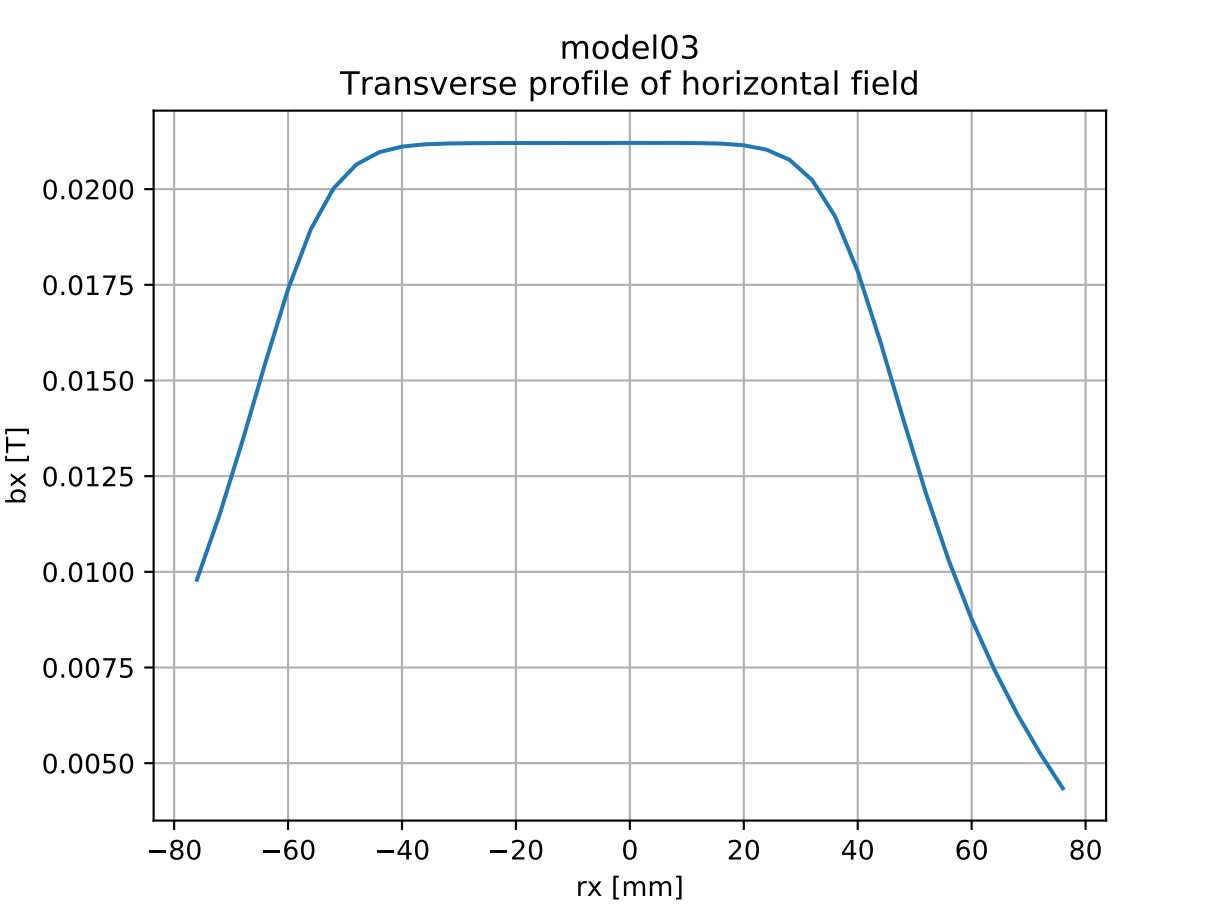
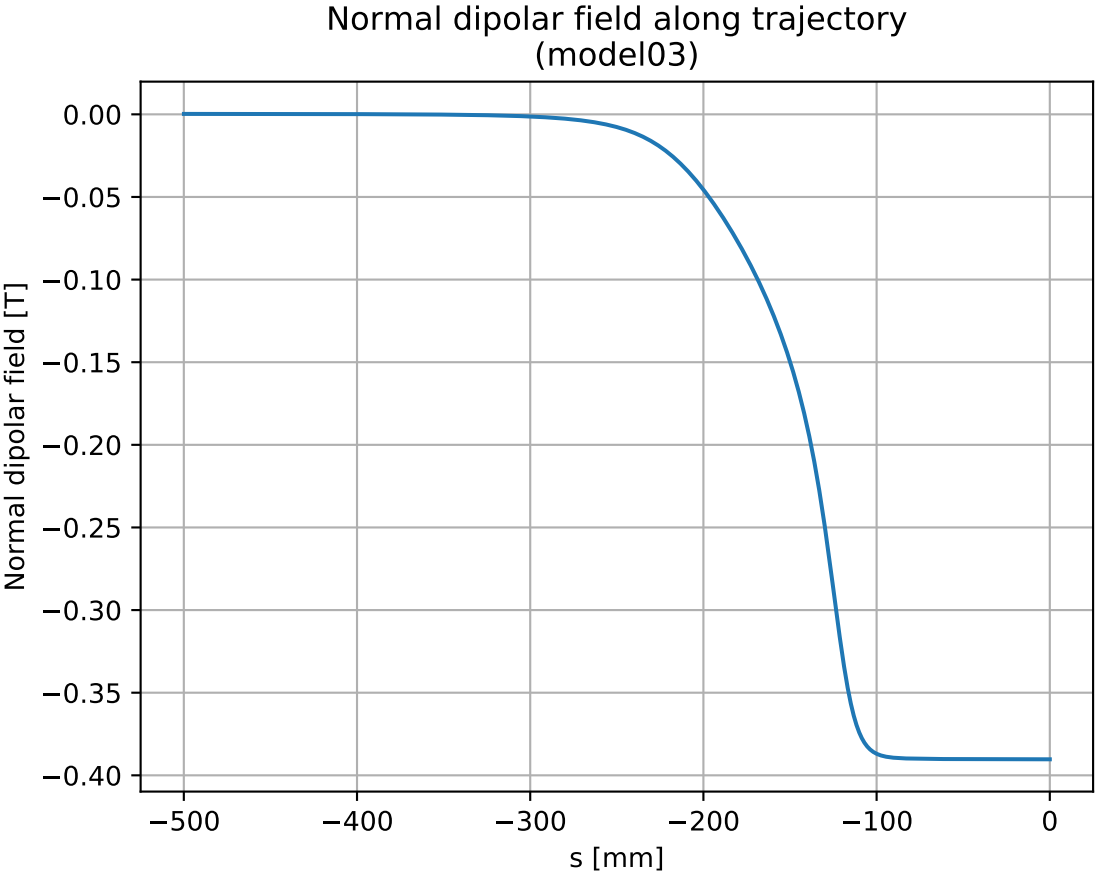
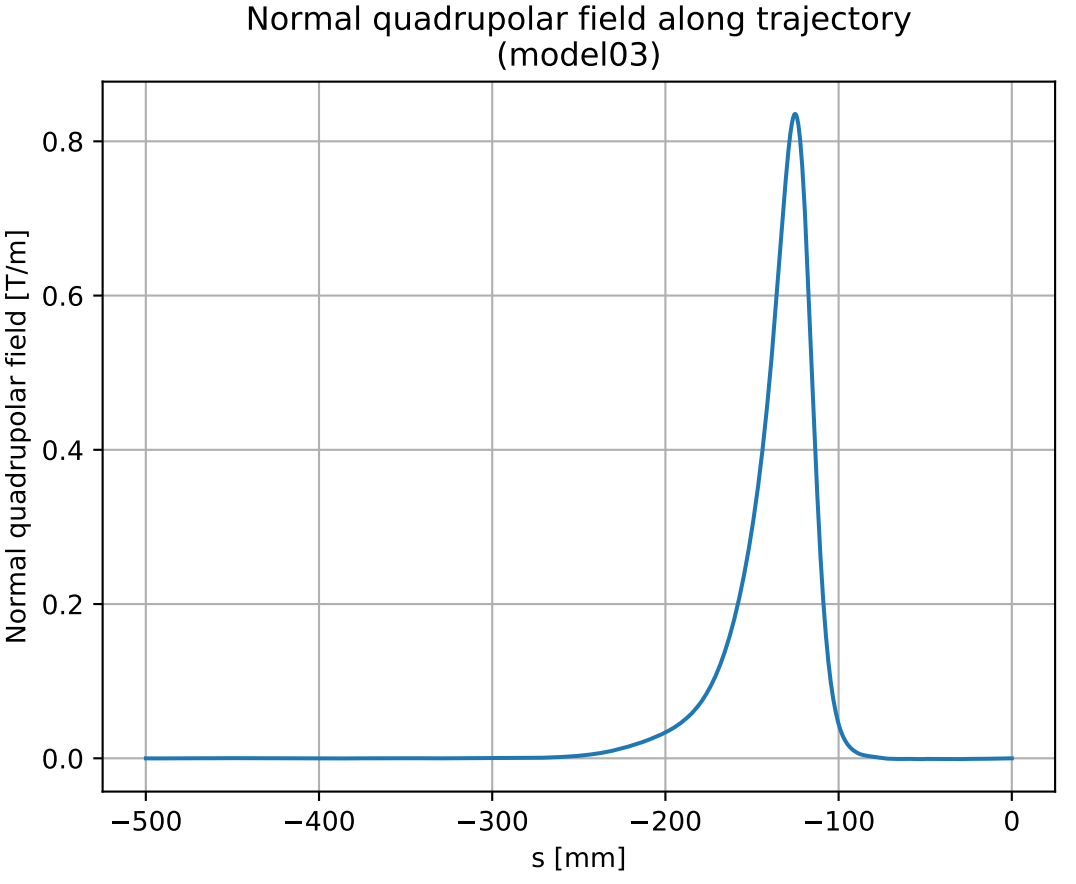

model03
Longitudinal profile of vertical field
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
by [T]
−400
−200
0
200
400
rz [mm]

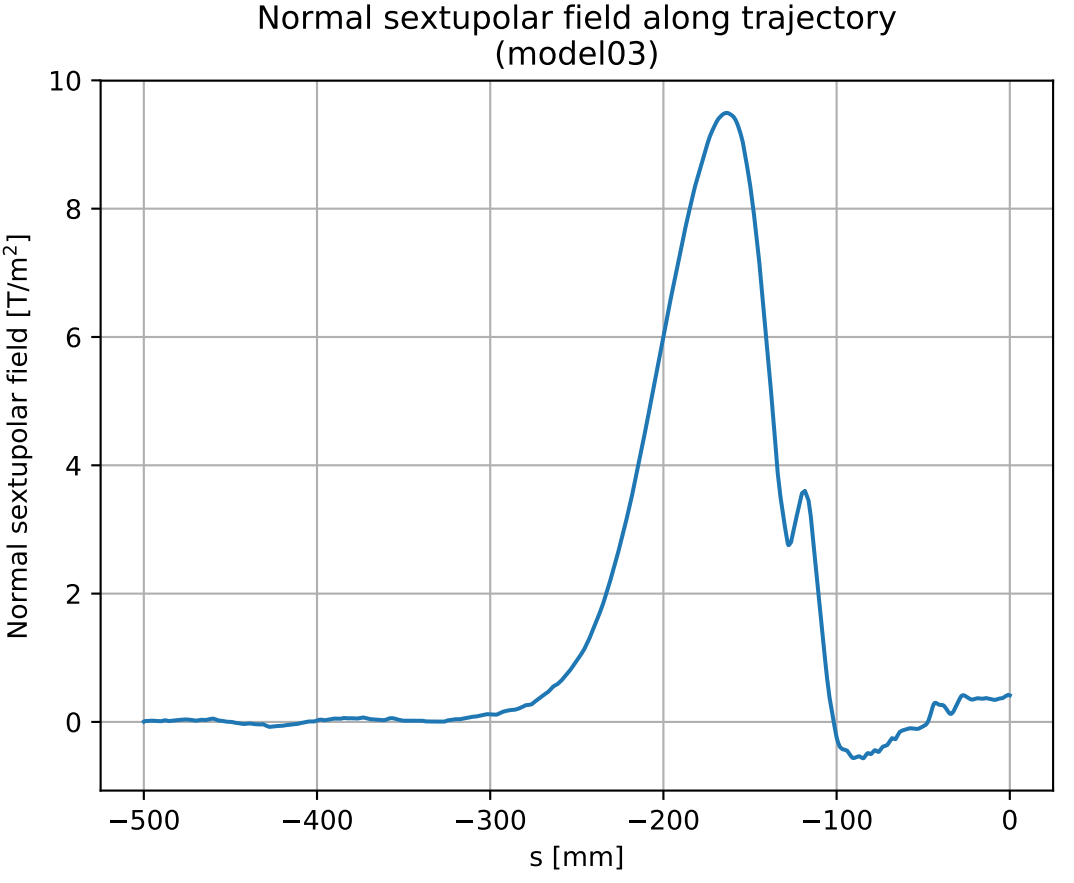

model03
Longitudinal profile of horizontal field
0.020
0.015
0.010
0.005
0.000
bx [T]
−400
−200
0
200
400
rz [mm]

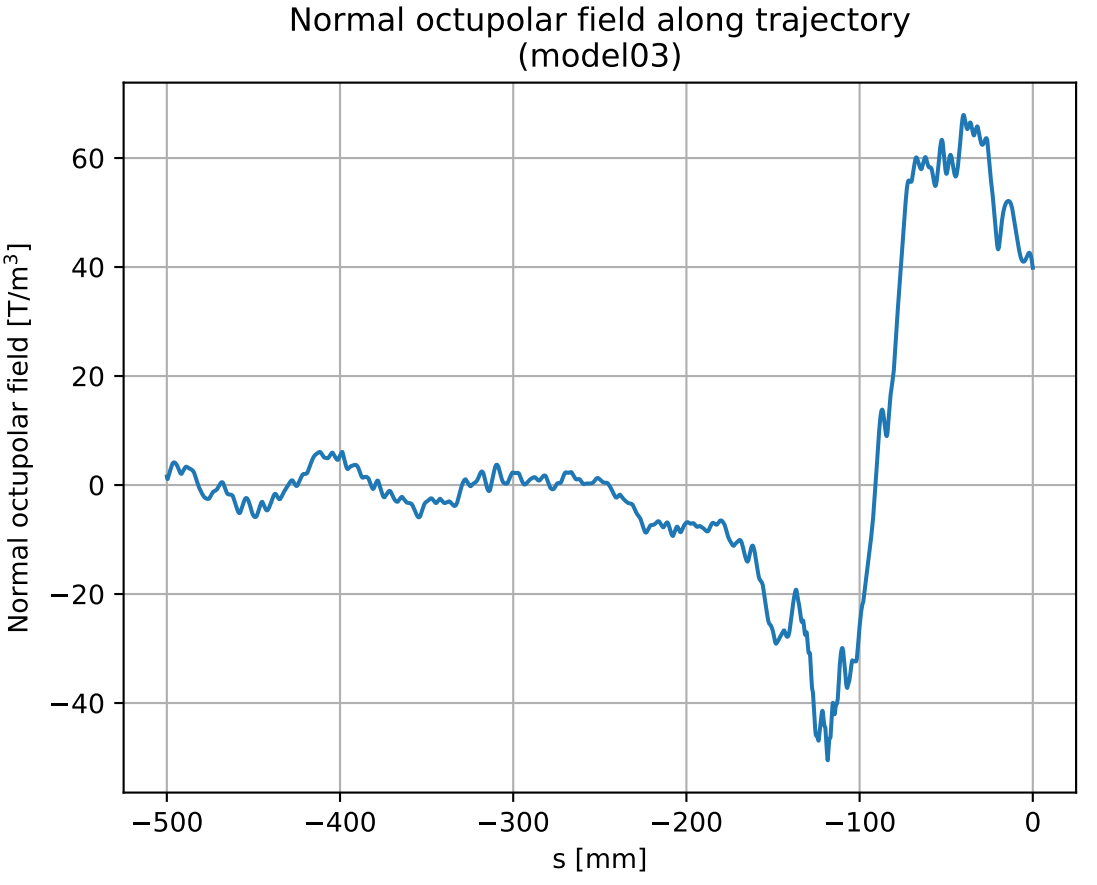

model03
Transverse profile of vertical field
by [T]
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

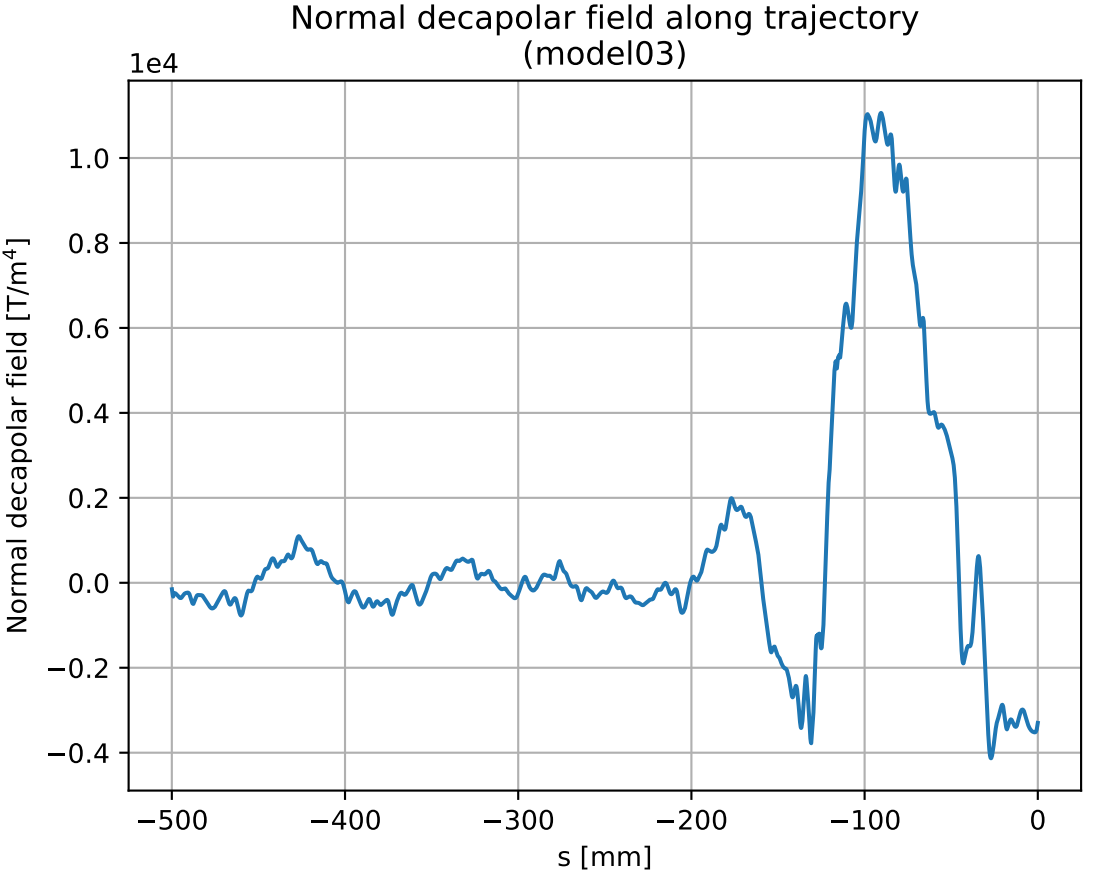

model03
Transverse profile of horizontal field
bx [T]
0.0200
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

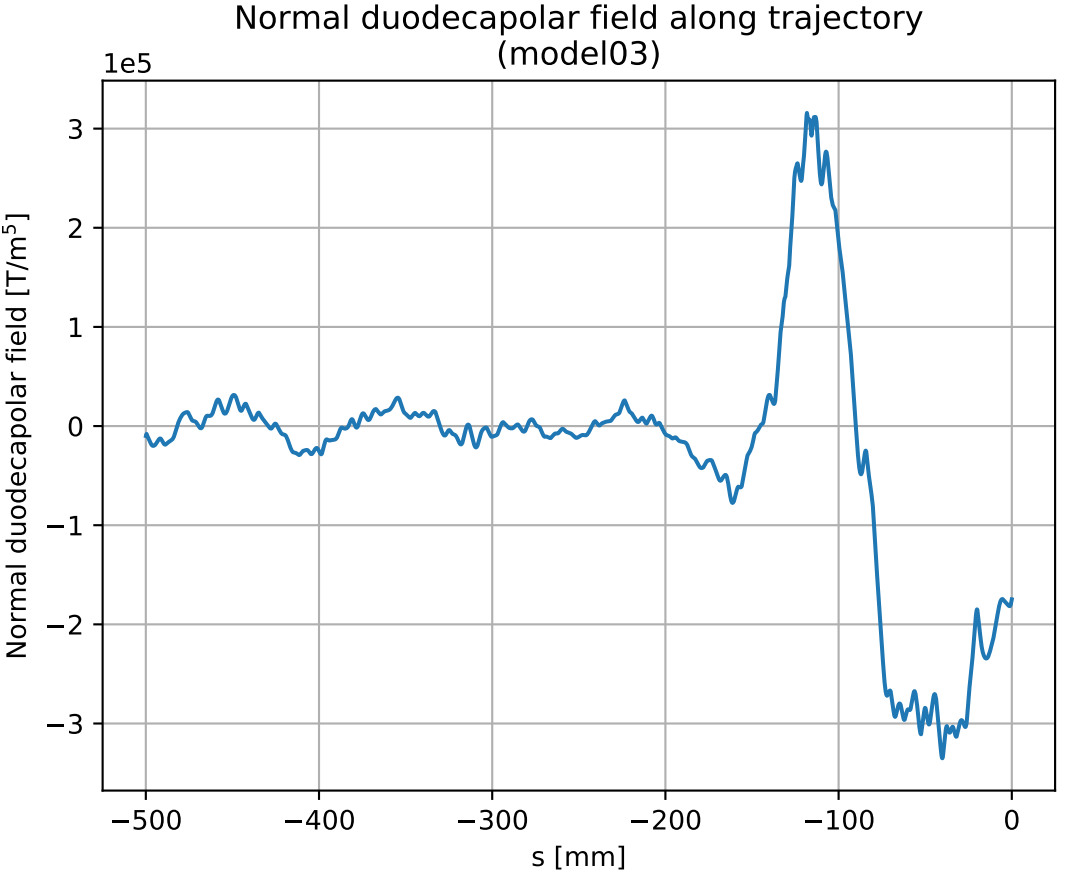

Normal dipolar field along trajectory
(model03)
Normal dipolar field [T]
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−500
−400
−300
−200
−100
0
s [mm]

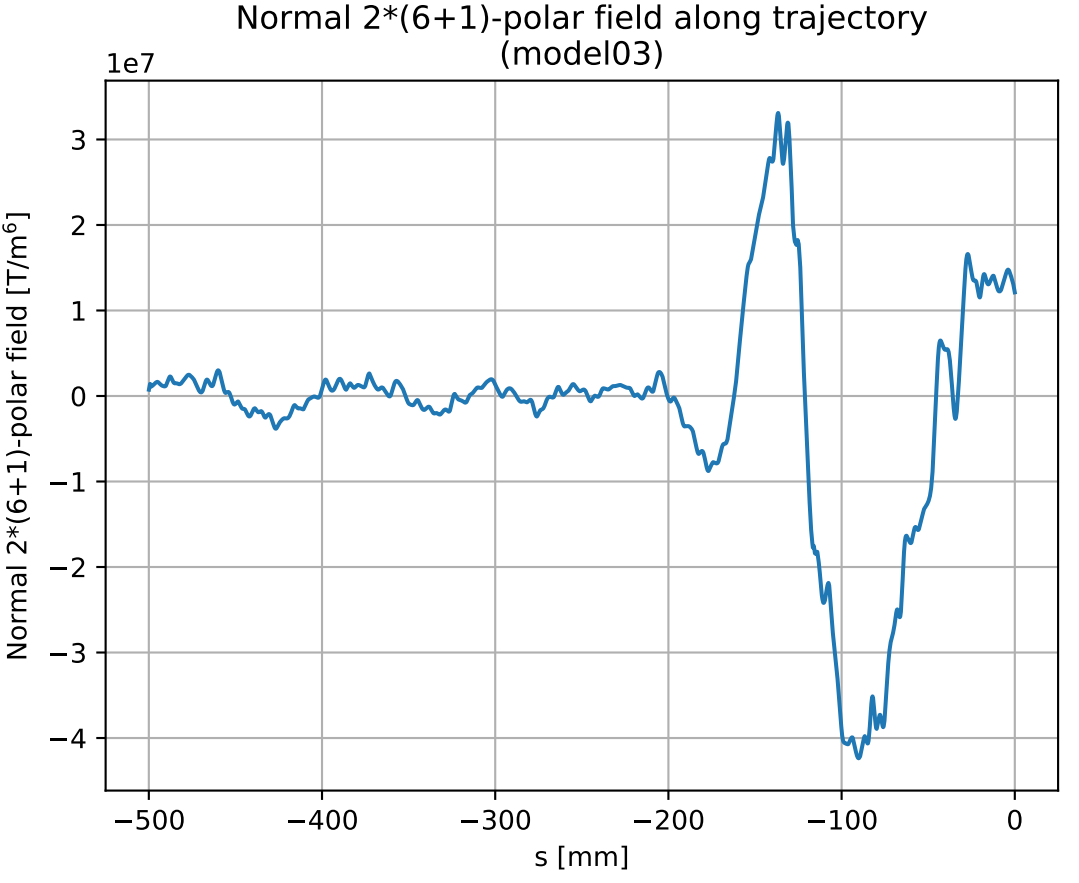

Normal quadrupolar field along trajectory
(model03)
Normal quadrupolar field [T/m]
0.0
0.2
0.4
0.6
0.8
−500
−400
−300
−200
−100
0
s [mm]

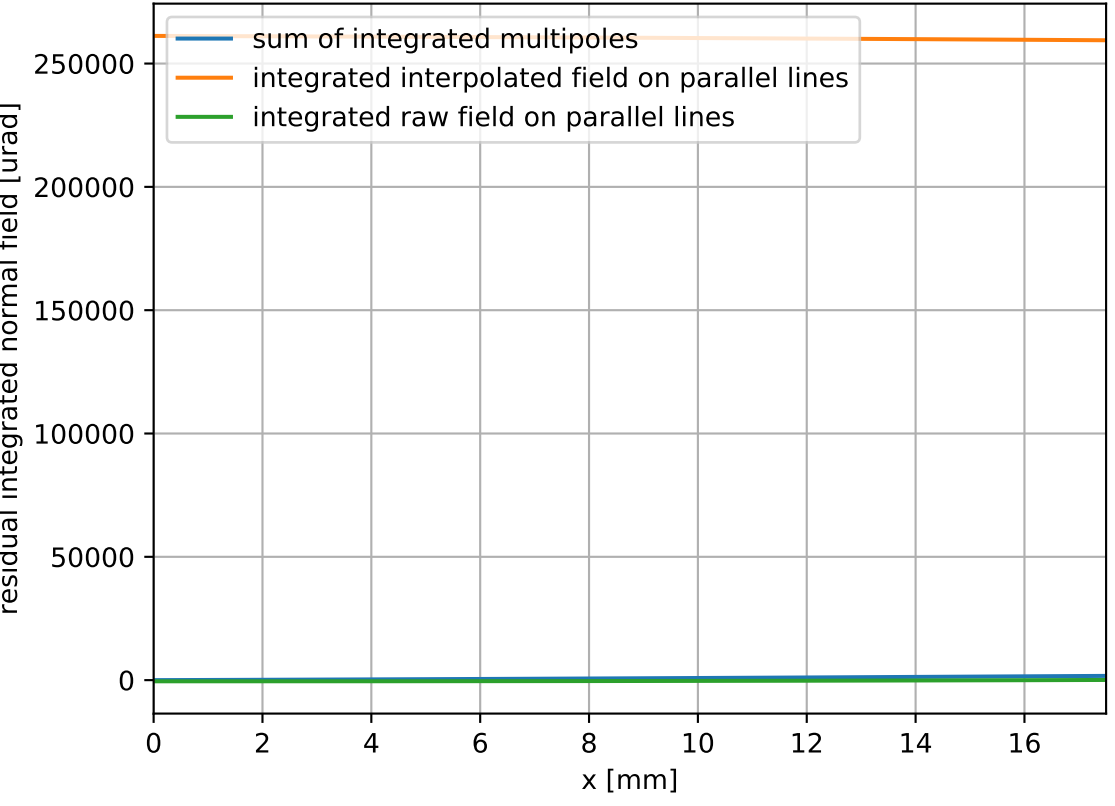

Normal sextupolar field along trajectory
(model03)
Normal sextupolar field [T/m^2]
10
8
6
4
2
0
−500
−400
−300
−200
−100
0
s [mm]


Normal octupolar field along trajectory
(model03)
Normal octupolar field [T/m^3]
60
40
20
0
−20
−40
−500
−400
−300
−200
−100
0
s [mm]


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


Normal duodecapolar field along trajectory
(model03)
1e5
3
2
1
0
−1
−2
−3
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]
3
2
1
0
−1
−2
−3
−4
−500
−400
−300
−200
−100
0
s [mm]


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