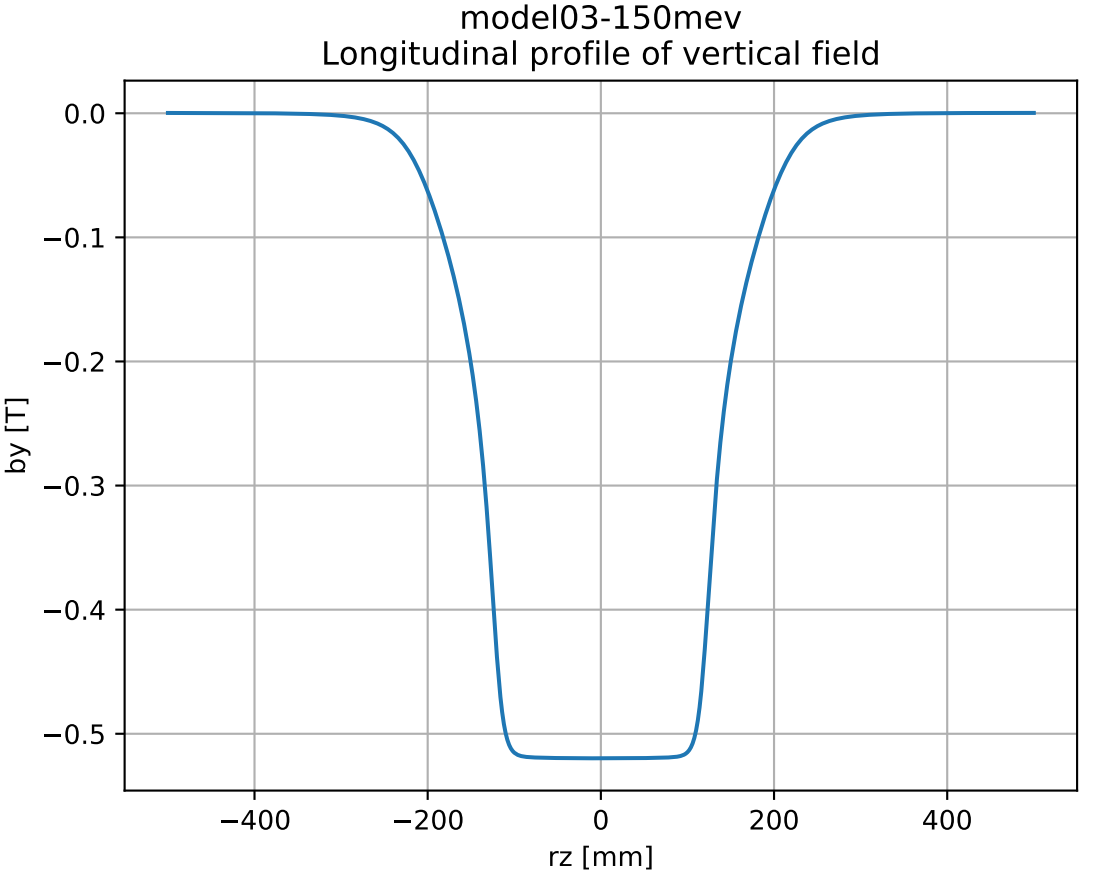
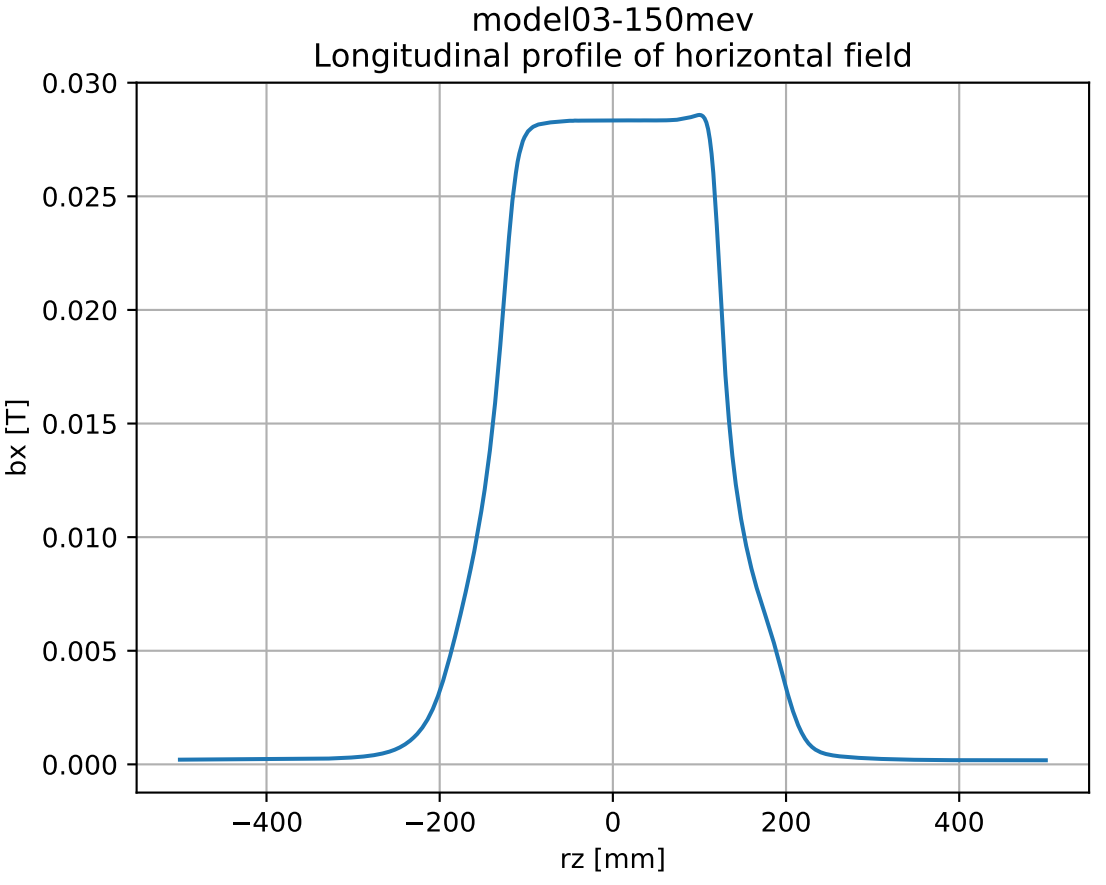
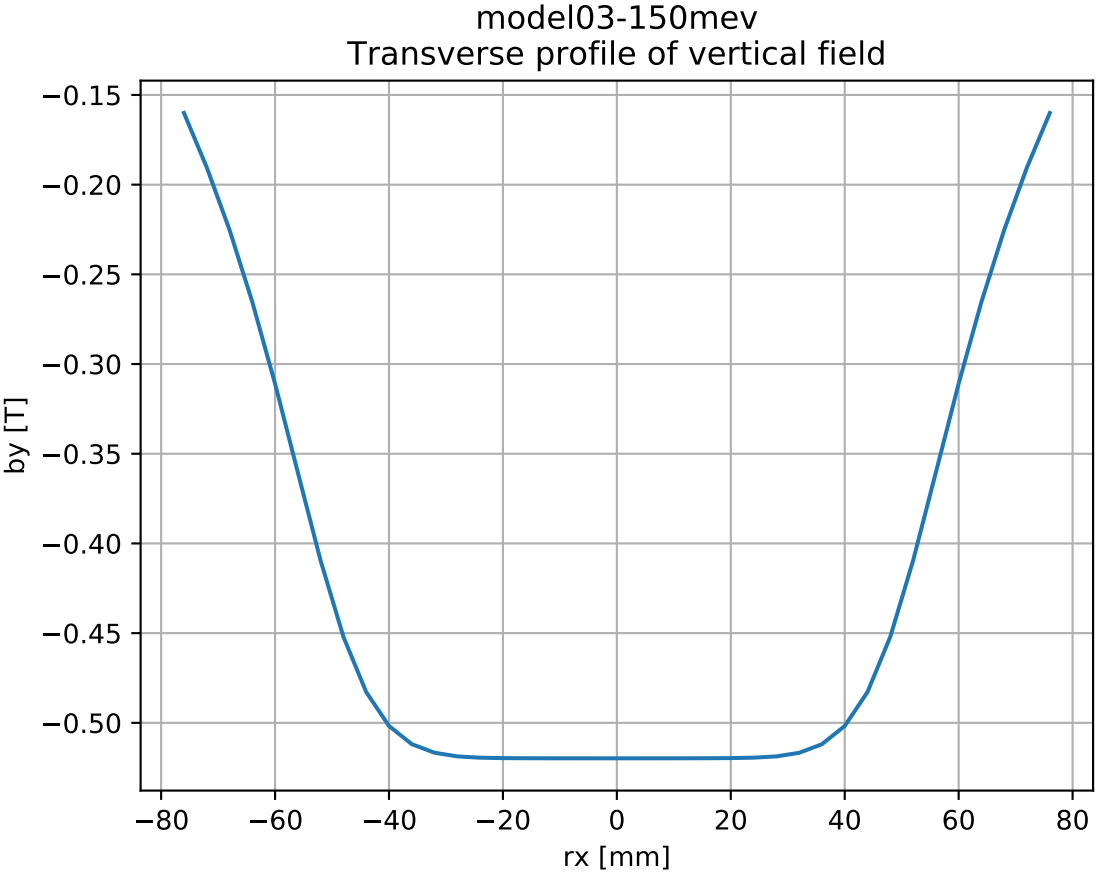
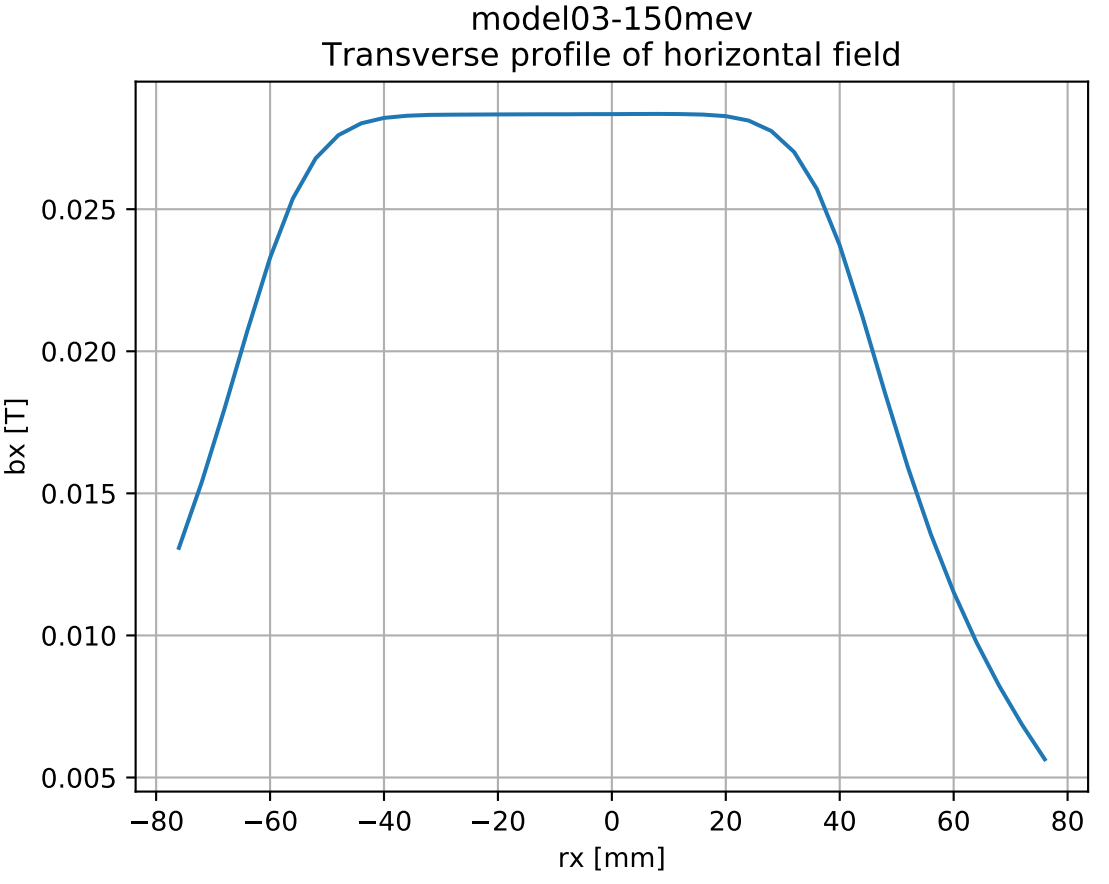
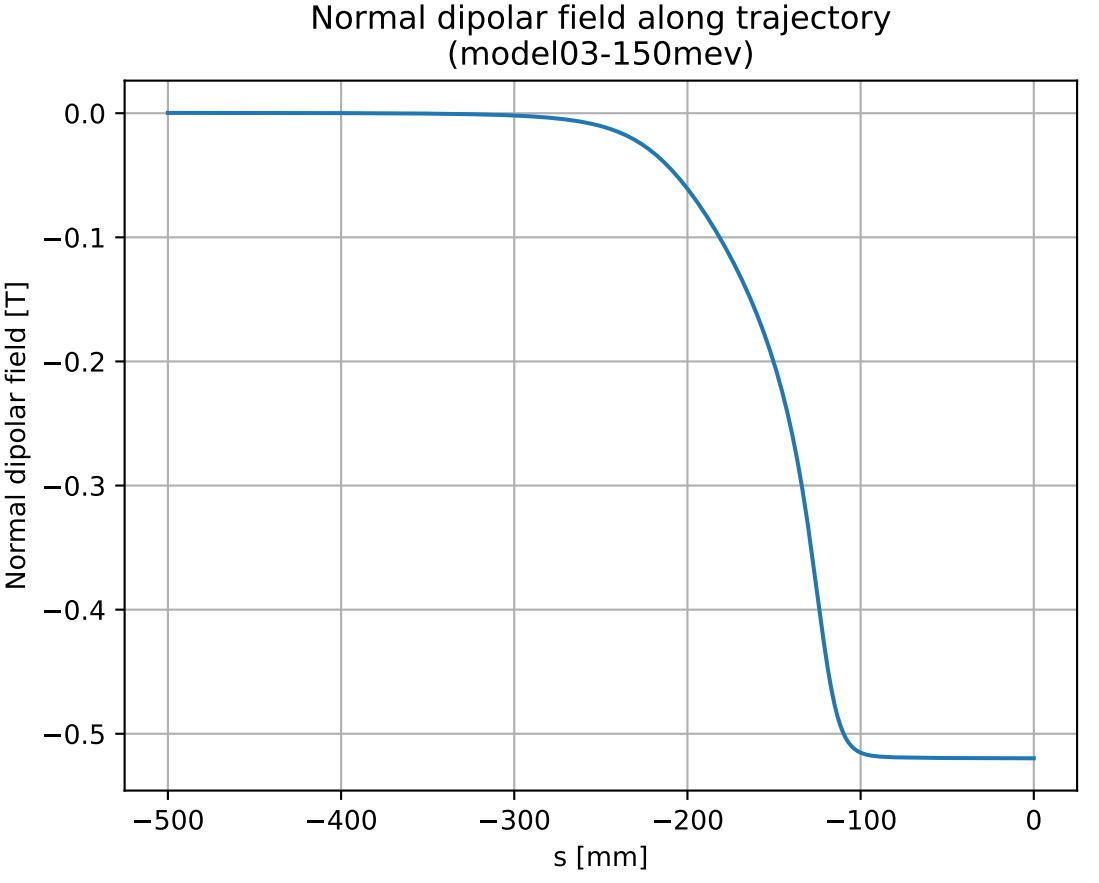
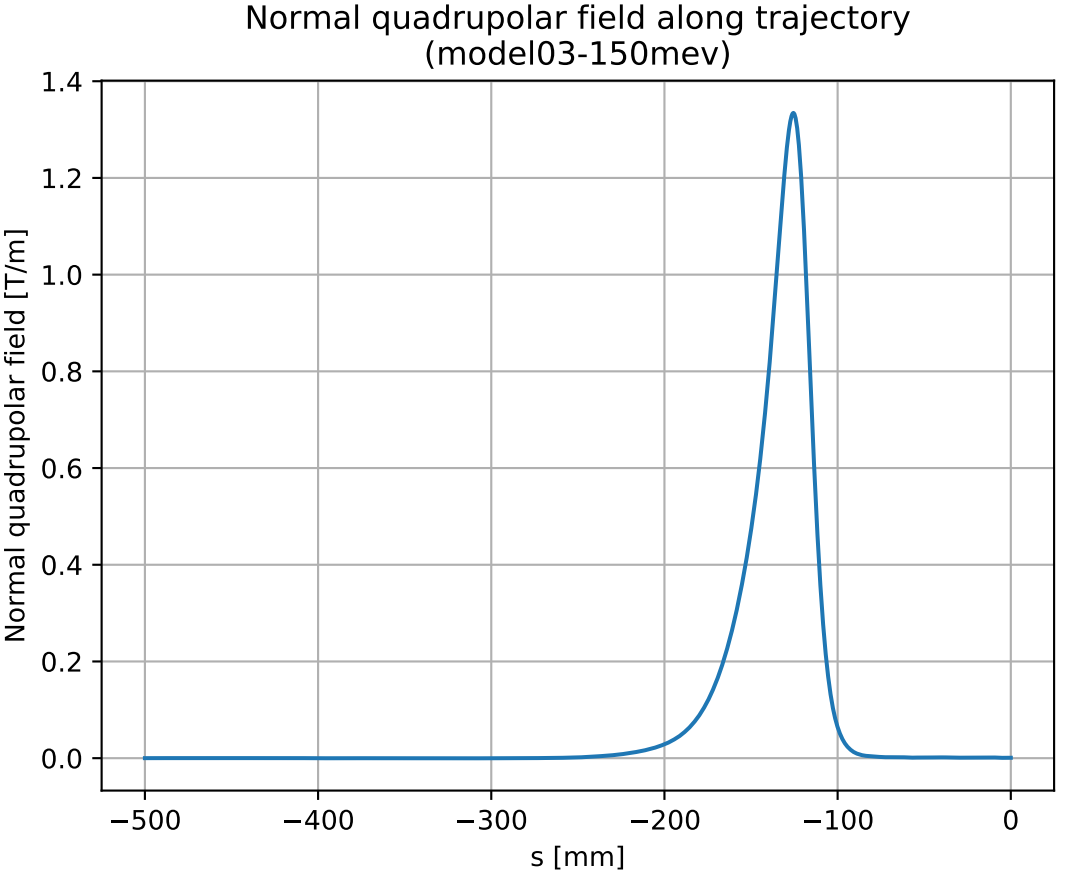

model03-150mev
Longitudinal profile of vertical field
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
by [T]
−400
−200
0
200
400
rz [mm]

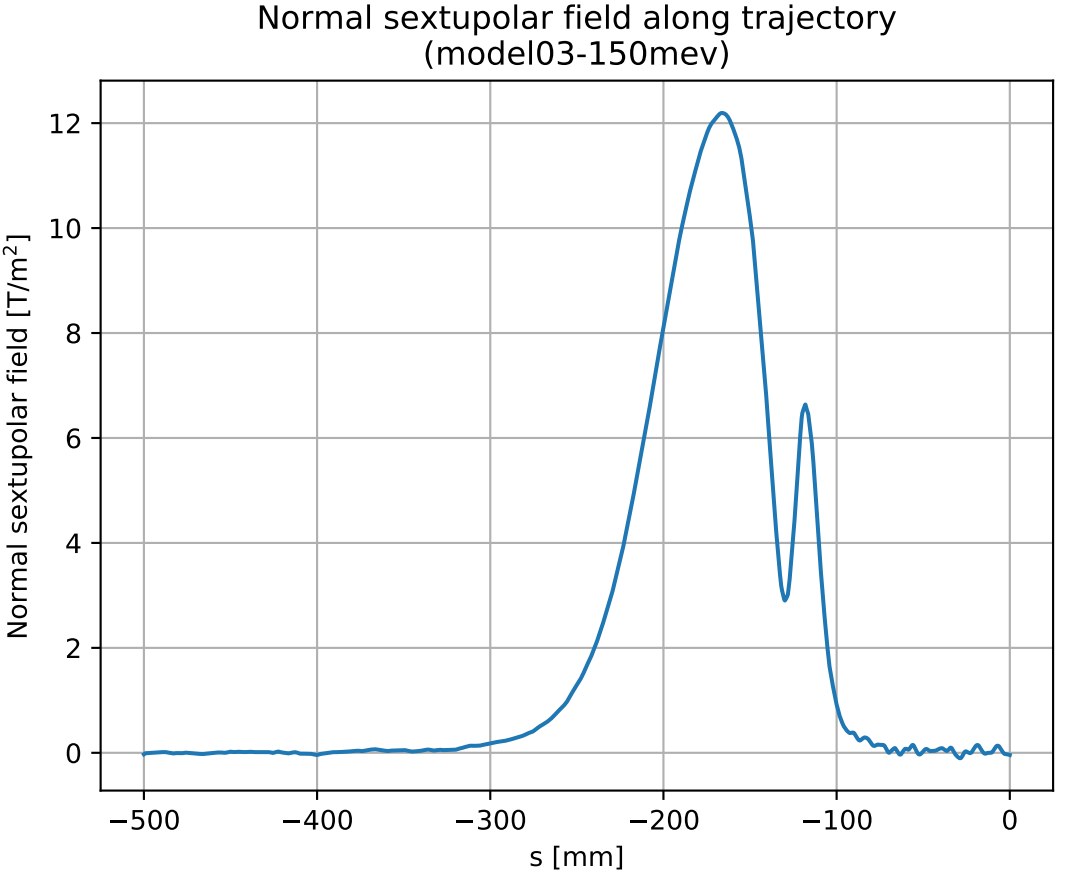

model03-150mev
Longitudinal profile of horizontal field
0.030
0.025
0.020
0.015
0.010
0.005
0.000
bx [T]
−400
−200
0
200
400
rz [mm]

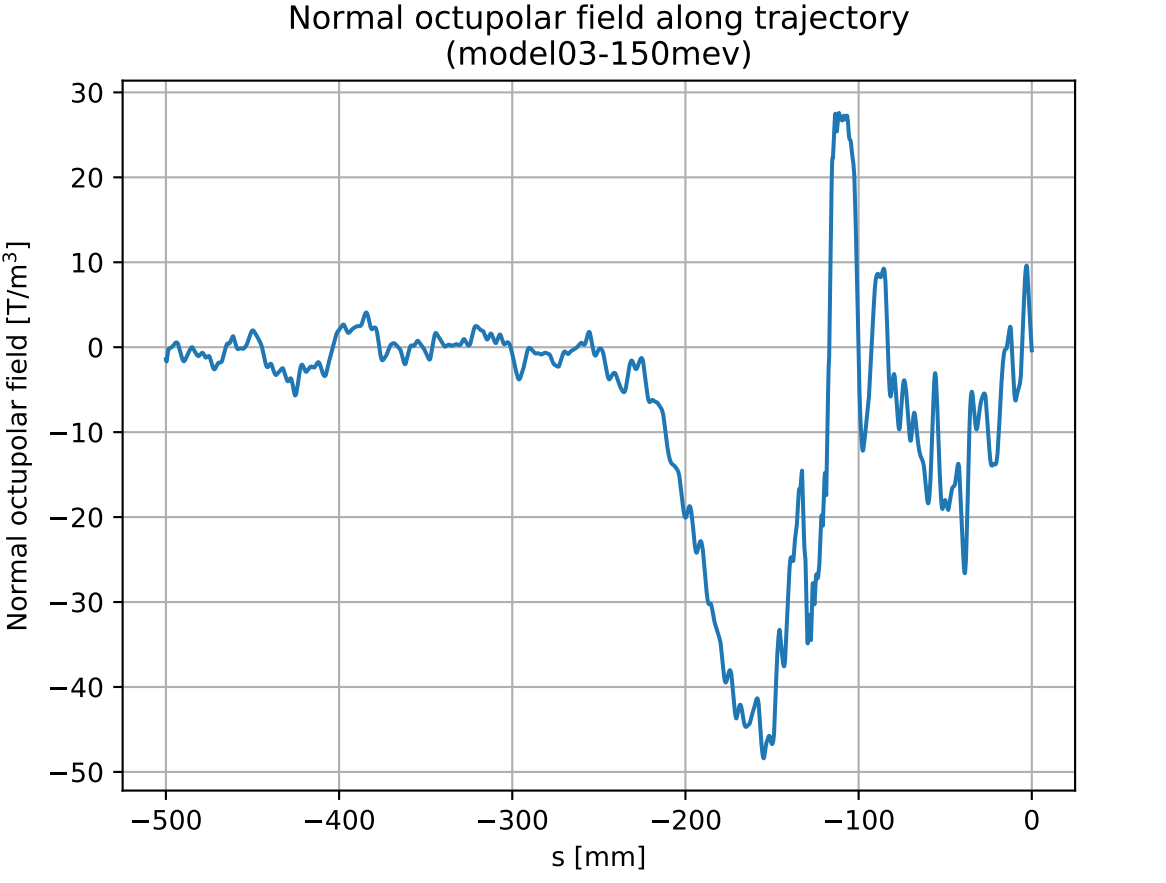

model03-150mev
Transverse profile of vertical field
by [T]
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

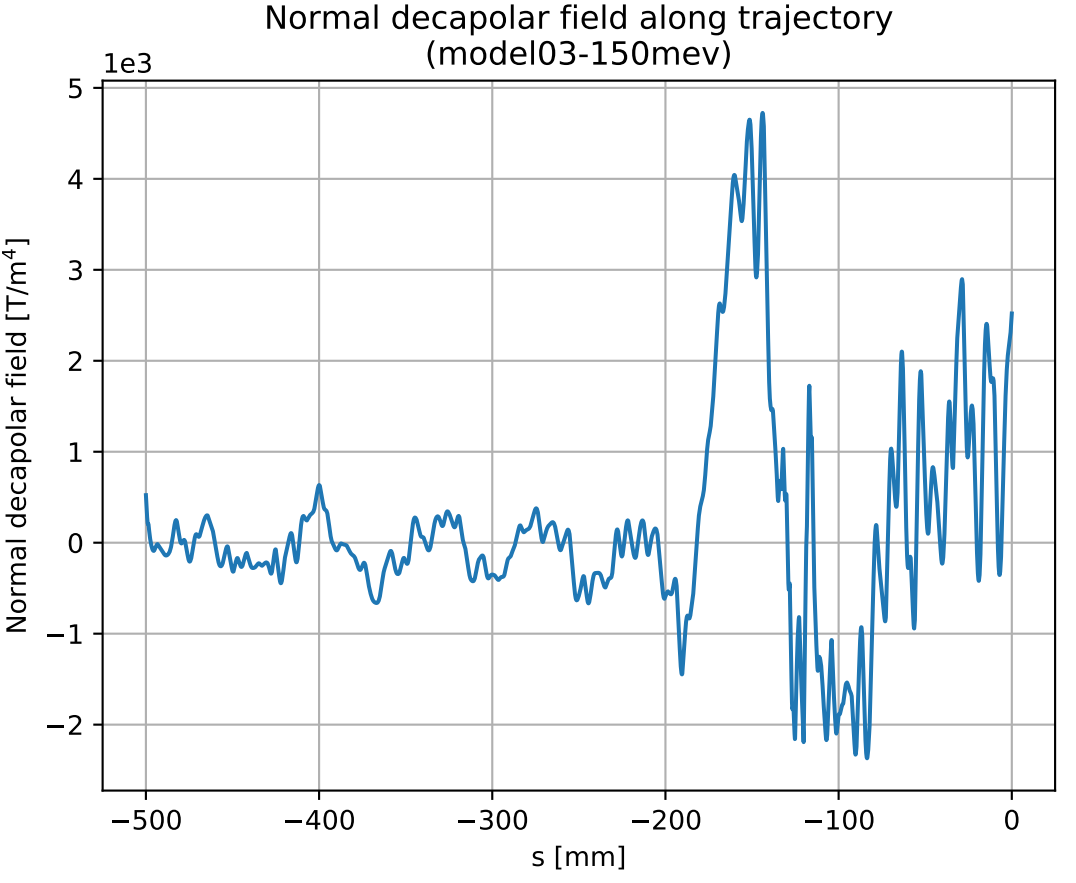

model03-150mev
Transverse profile of horizontal field
bx [T]
0.025
0.020
0.015
0.010
0.005
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

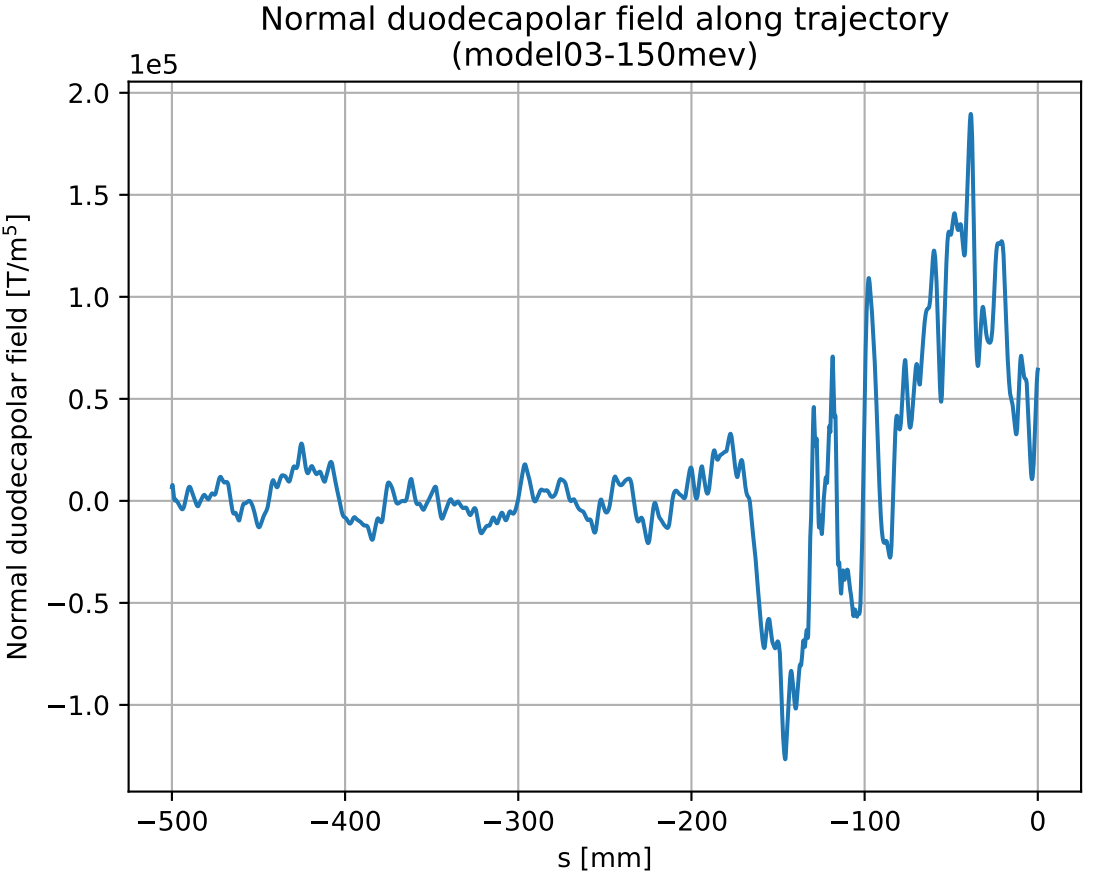

Normal dipolar field along trajectory
(model03-150mev)
Normal dipolar field [T]
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−500
−400
−300
−200
−100
0
s [mm]

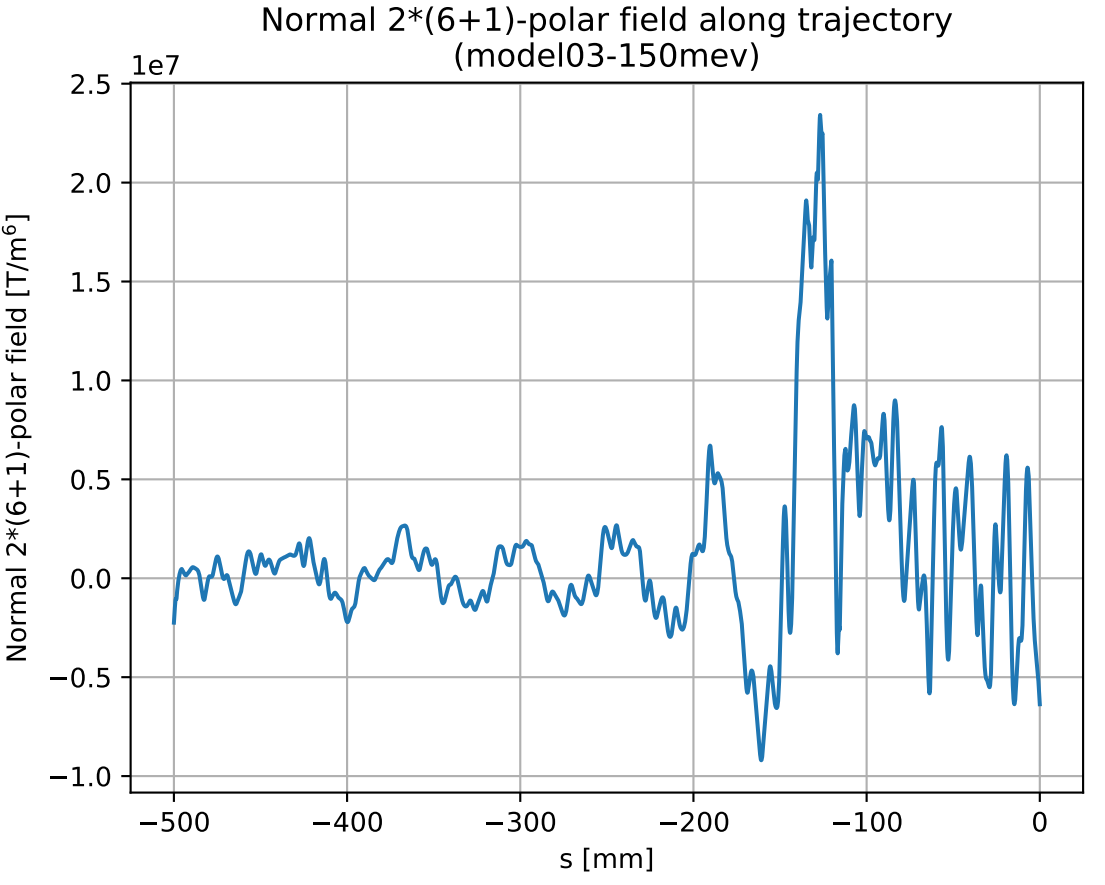

Normal quadrupolar field along trajectory
(model03-150mev)
Normal quadrupolar field [T/m]
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−500
−400
−300
−200
−100
0
s [mm]

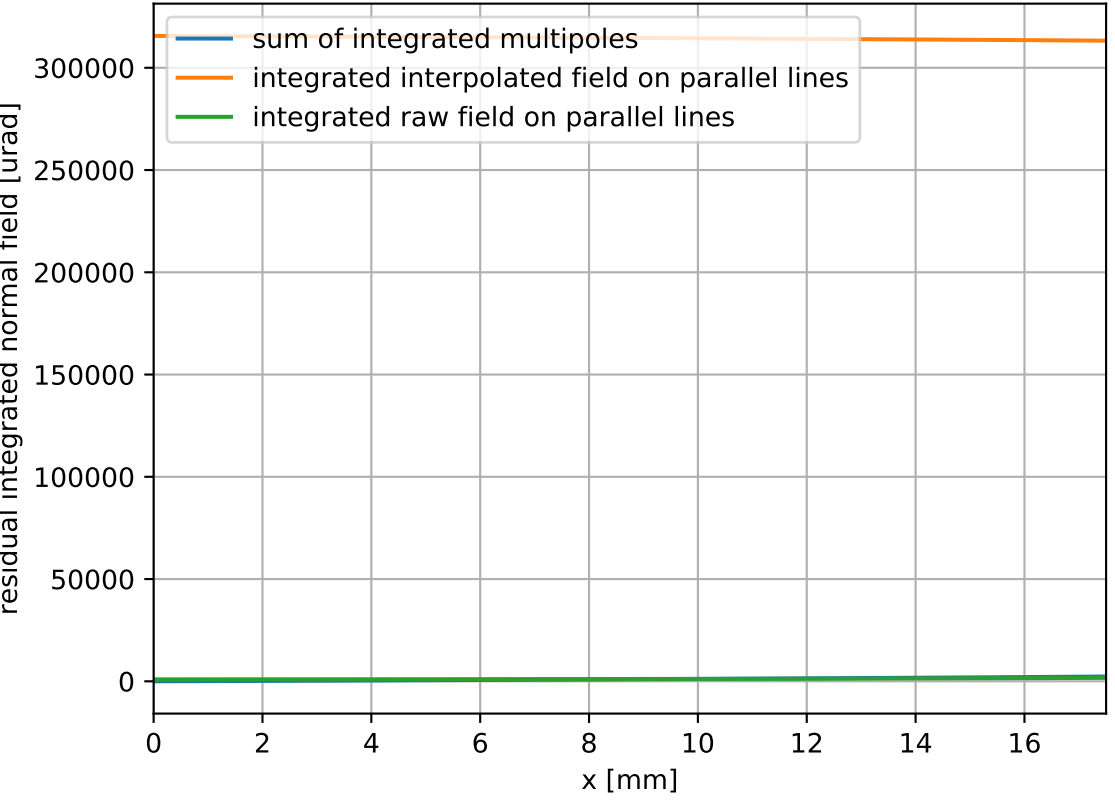

Normal sextupolar field along trajectory
(model03-150mev)
Normal sextupolar field [T/m$^2$]
12
10
8
6
4
2
0
−500
−400
−300
−200
−100
0
s [mm]


Normal octupolar field along trajectory
(model03-150mev)
Normal octupolar field [T/m$^3$]
30
20
10
0
−10
−20
−30
−40
−50
−500
−400
−300
−200
−100
0
s [mm]


Normal decapolar field along trajectory
(model03-150mev)
1e3
5
4
3
2
1
0
−1
−2
Normal decapolar field [T/m$^4$]
−500
−400
−300
−200
−100
0
s [mm]


Normal duodecapolar field along trajectory
(model03-150mev)
1e5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
Normal duodecapolar field [T/m$^5$]
−500
−400
−300
−200
−100
0
s [mm]


Normal 2*(6+1)-polar field along trajectory
(model03-150mev)
1e7
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
Normal 2*(6+1)-polar field [T/m^6]
−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]
300000
250000
200000
150000
100000
50000
0
0
2
4
6
8
10
12
14
16
x [mm]