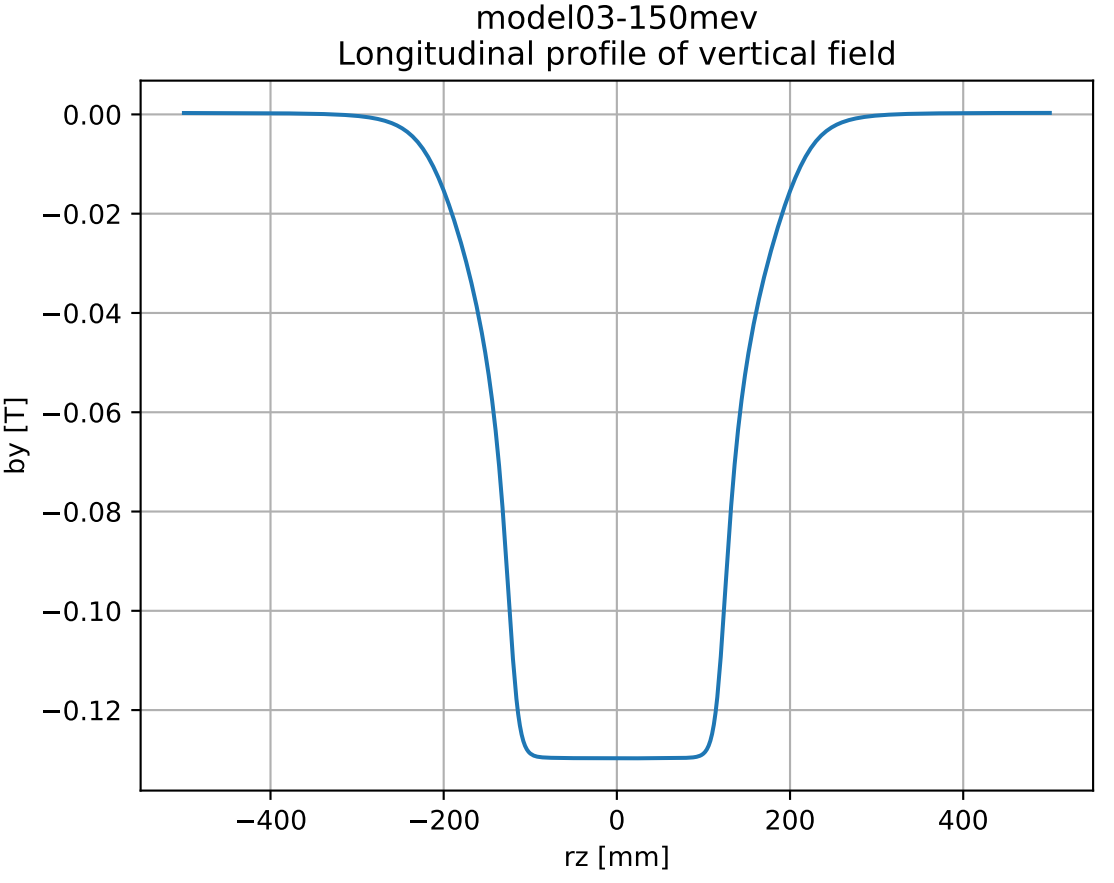
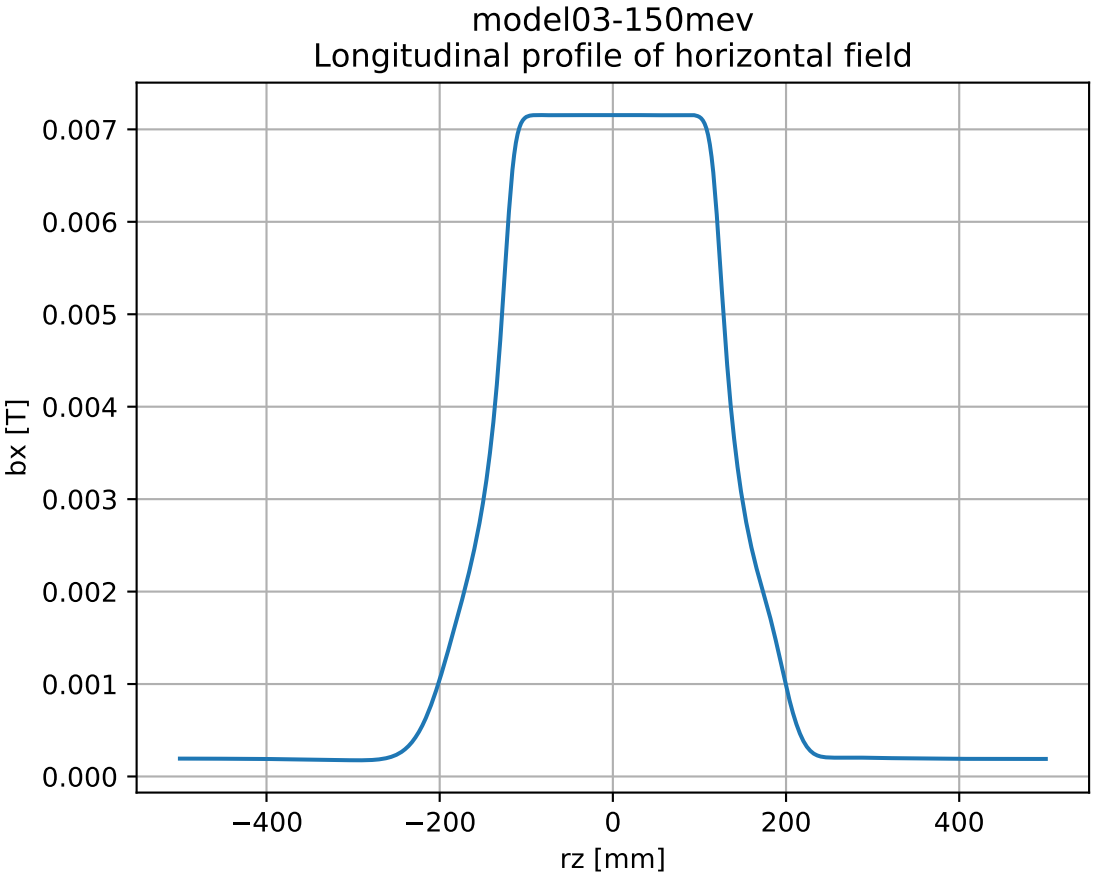
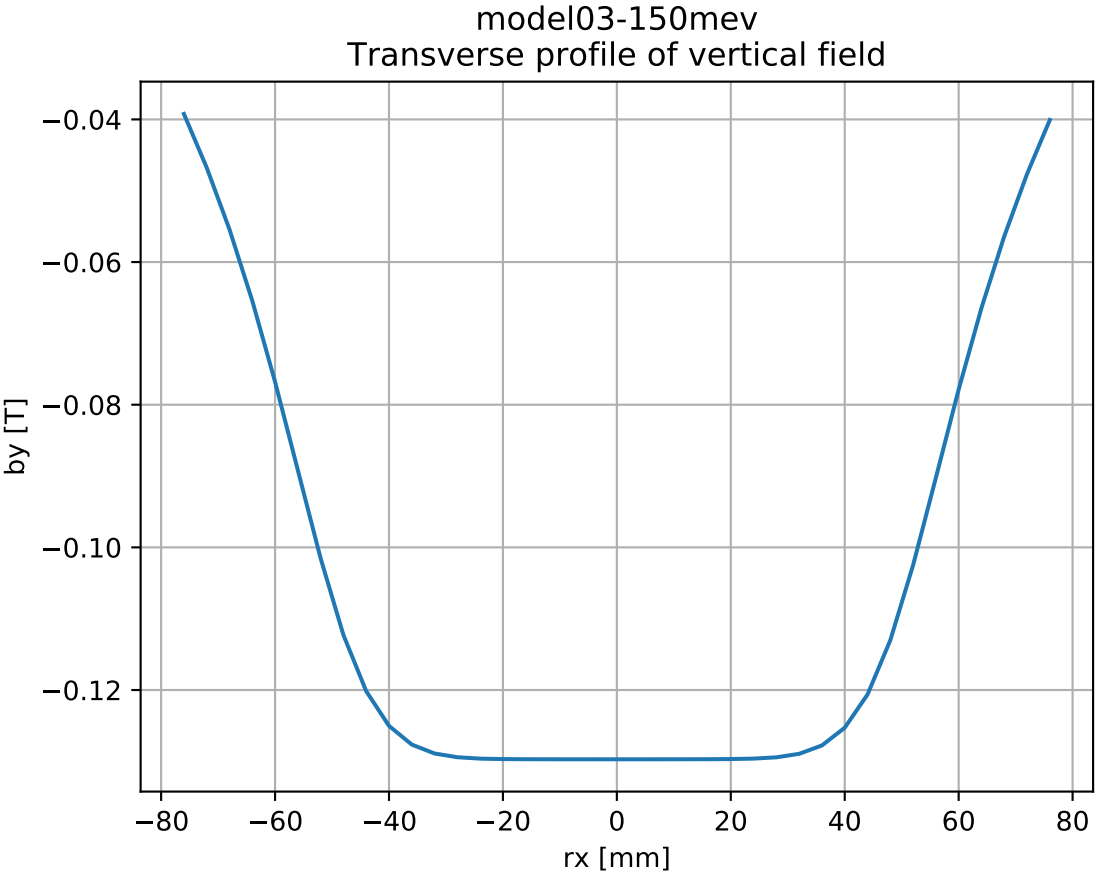
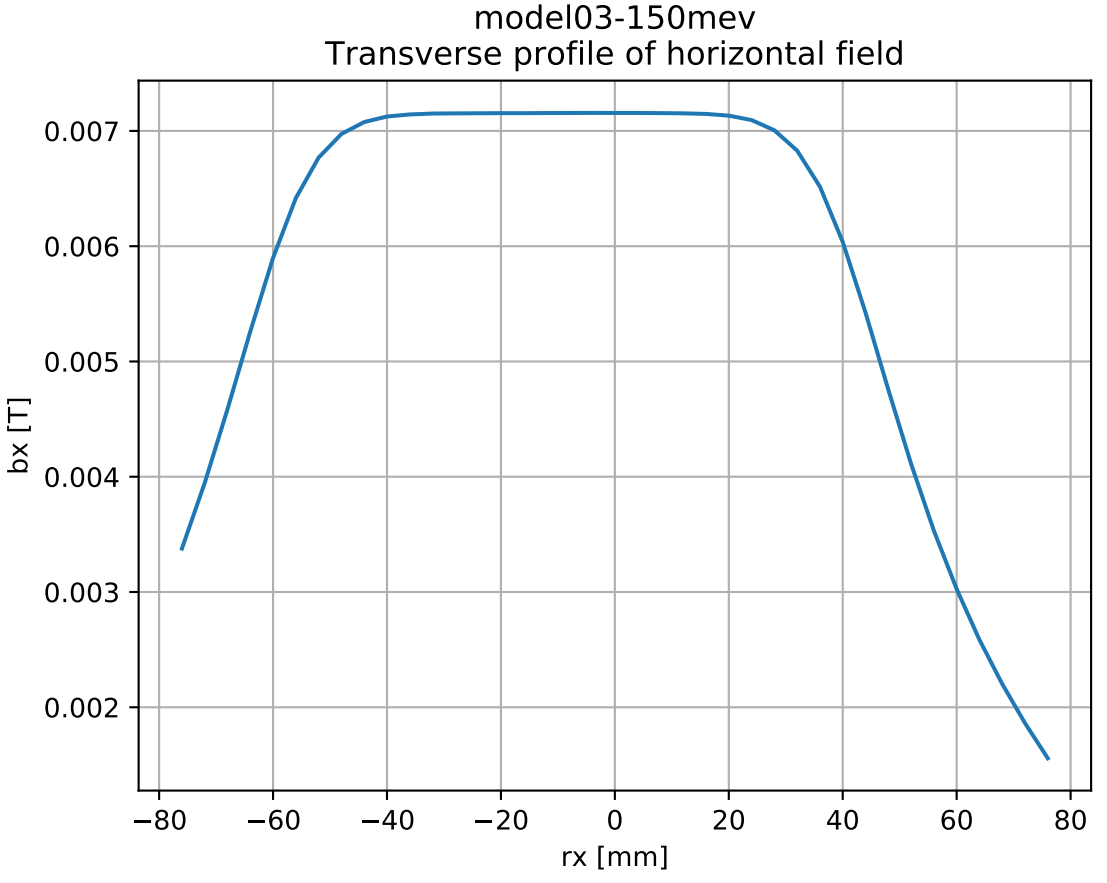
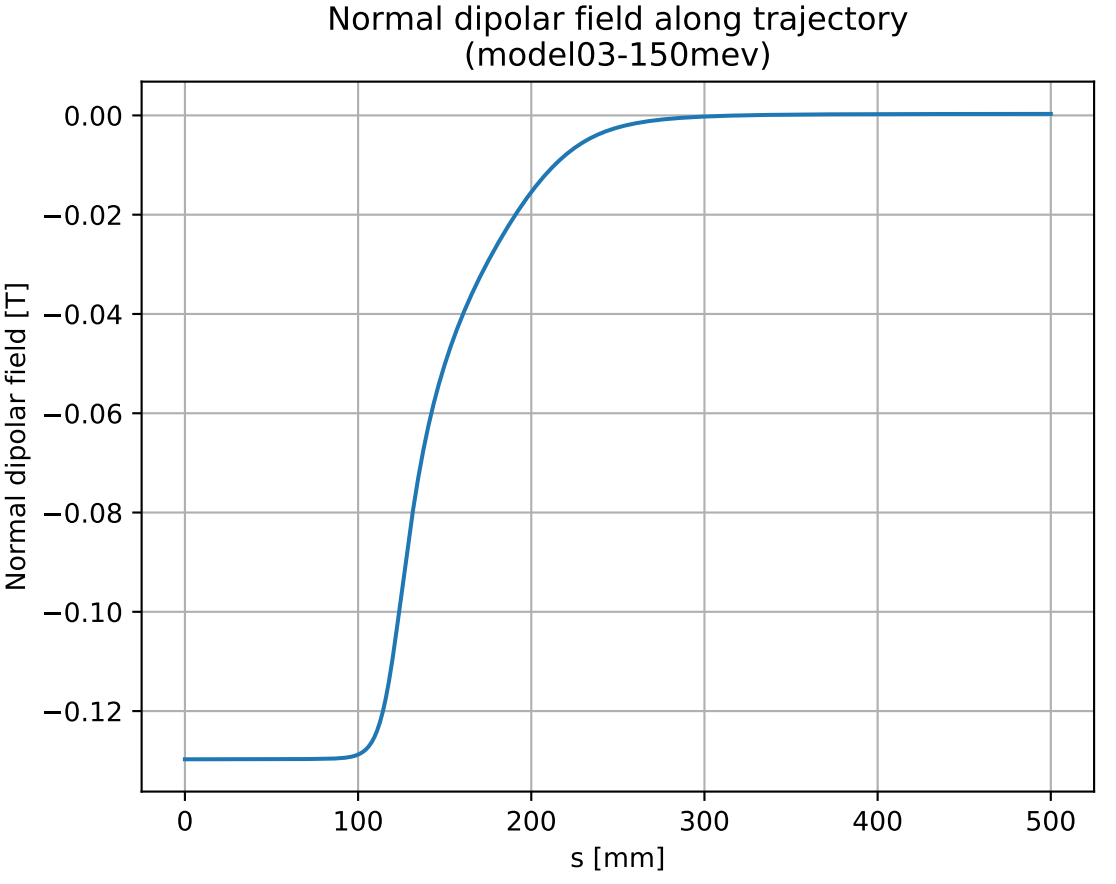
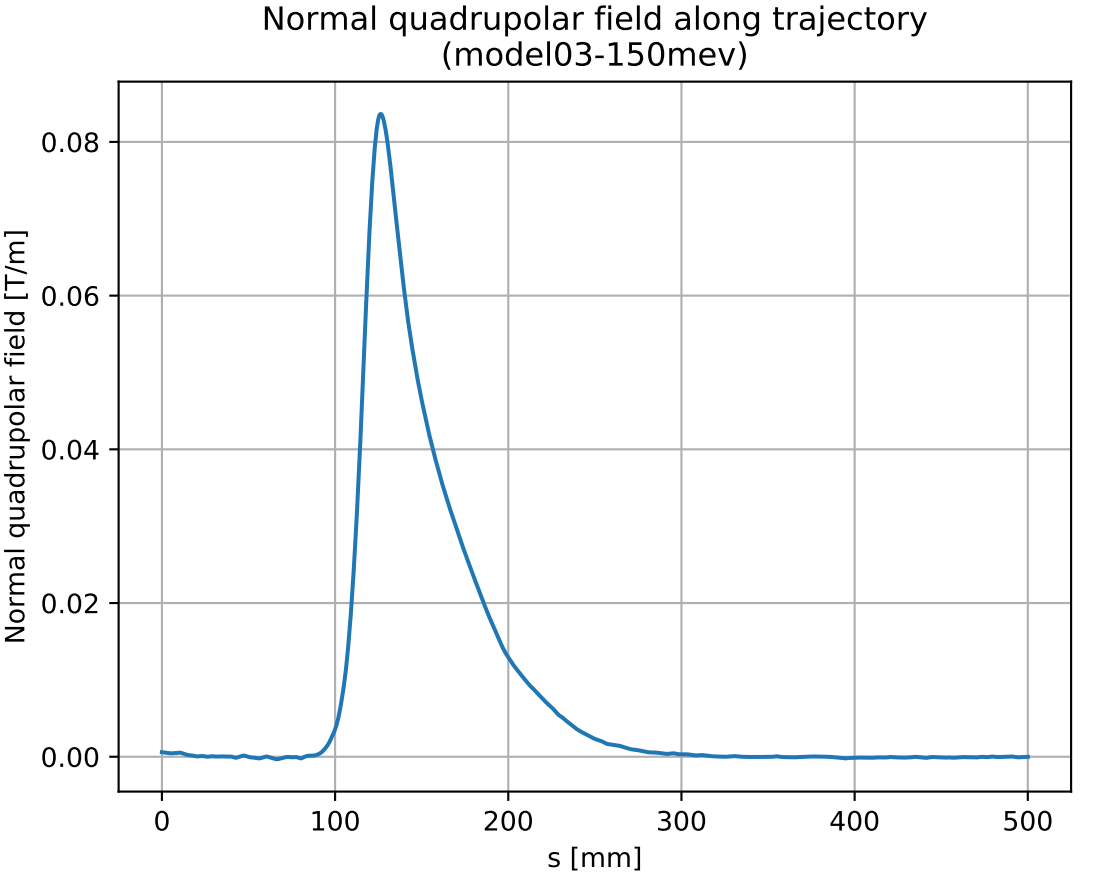

model03-150mev
Longitudinal profile of vertical field
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
by [T]
−400
−200
0
200
400
rz [mm]

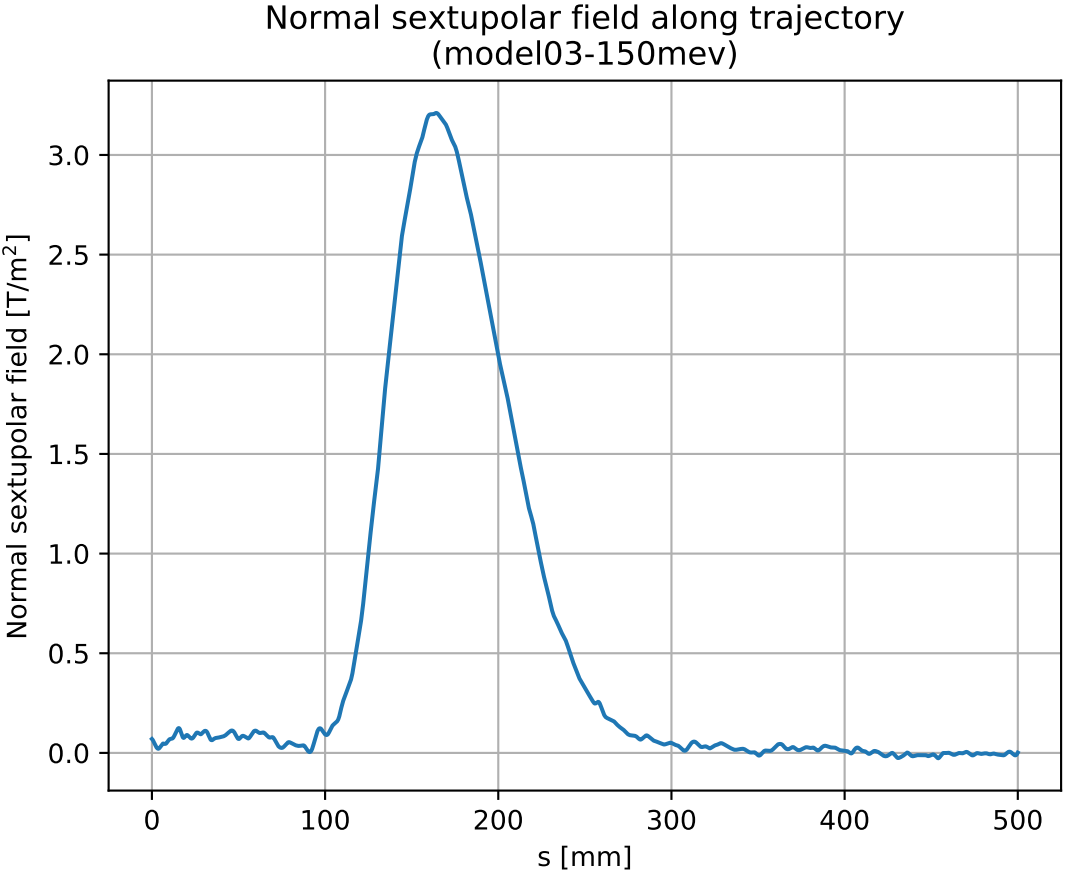

model03-150mev
Longitudinal profile of horizontal field
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0.000
bx [T]
−400
−200
0
200
400
rz [mm]

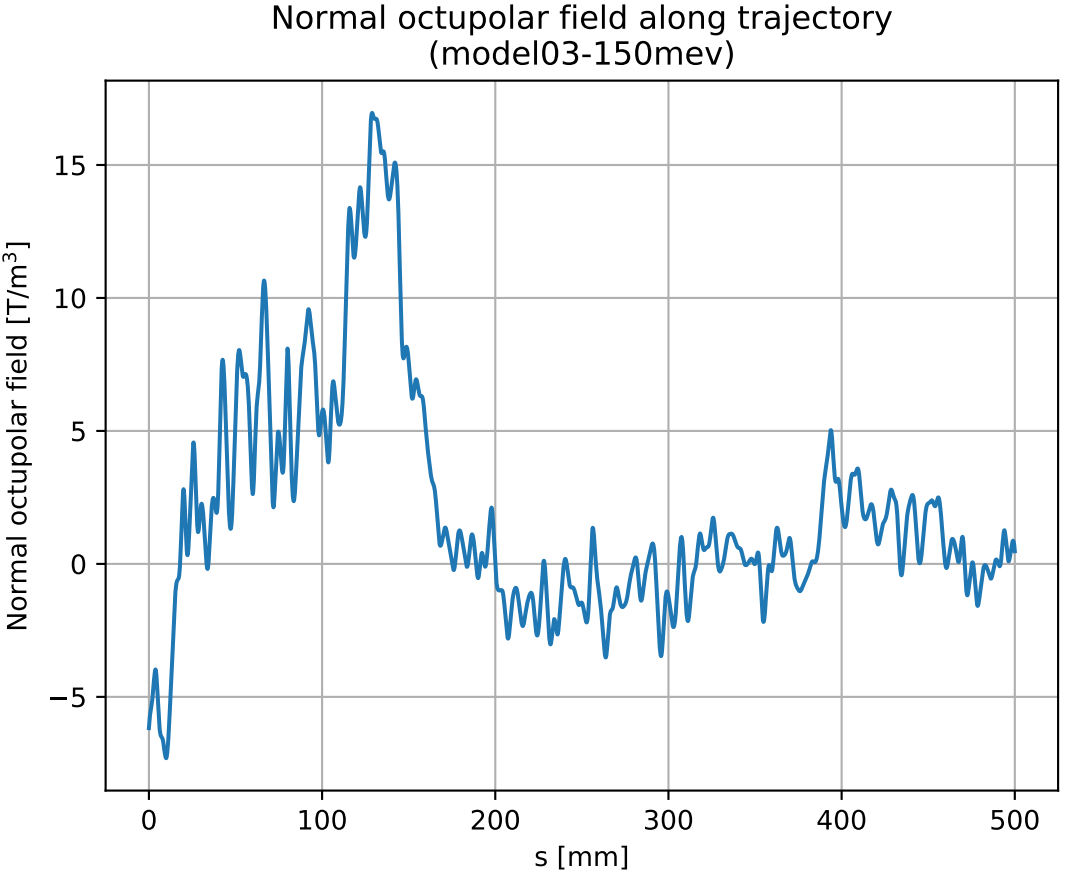

model03-150mev
Transverse profile of vertical field
−0.04
−0.06
−0.08
−0.10
−0.12
by [T]
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

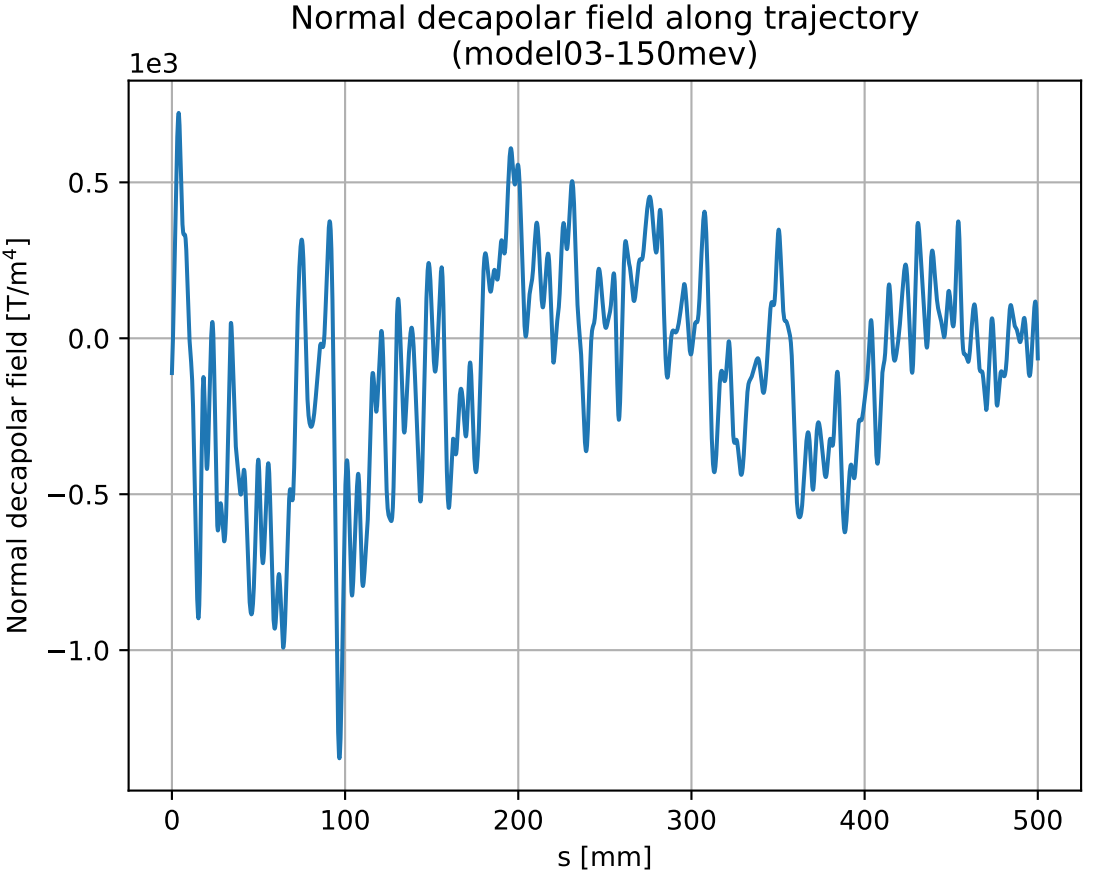

model03-150mev
Transverse profile of horizontal field
0.007
0.006
0.005
0.004
0.003
0.002
bx [T]
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

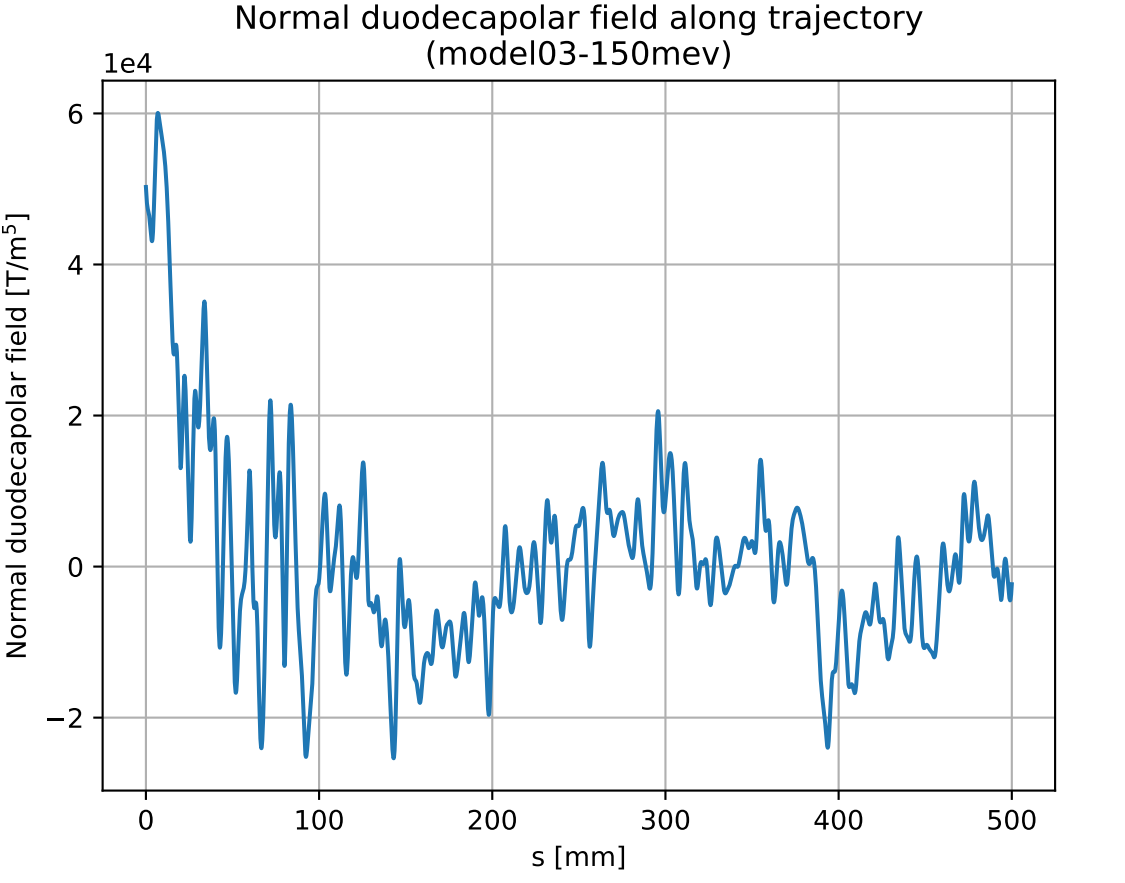

Normal dipolar field along trajectory
(model03-150mev)
Normal dipolar field [T]
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
0
100
200
300
400
500
s [mm]

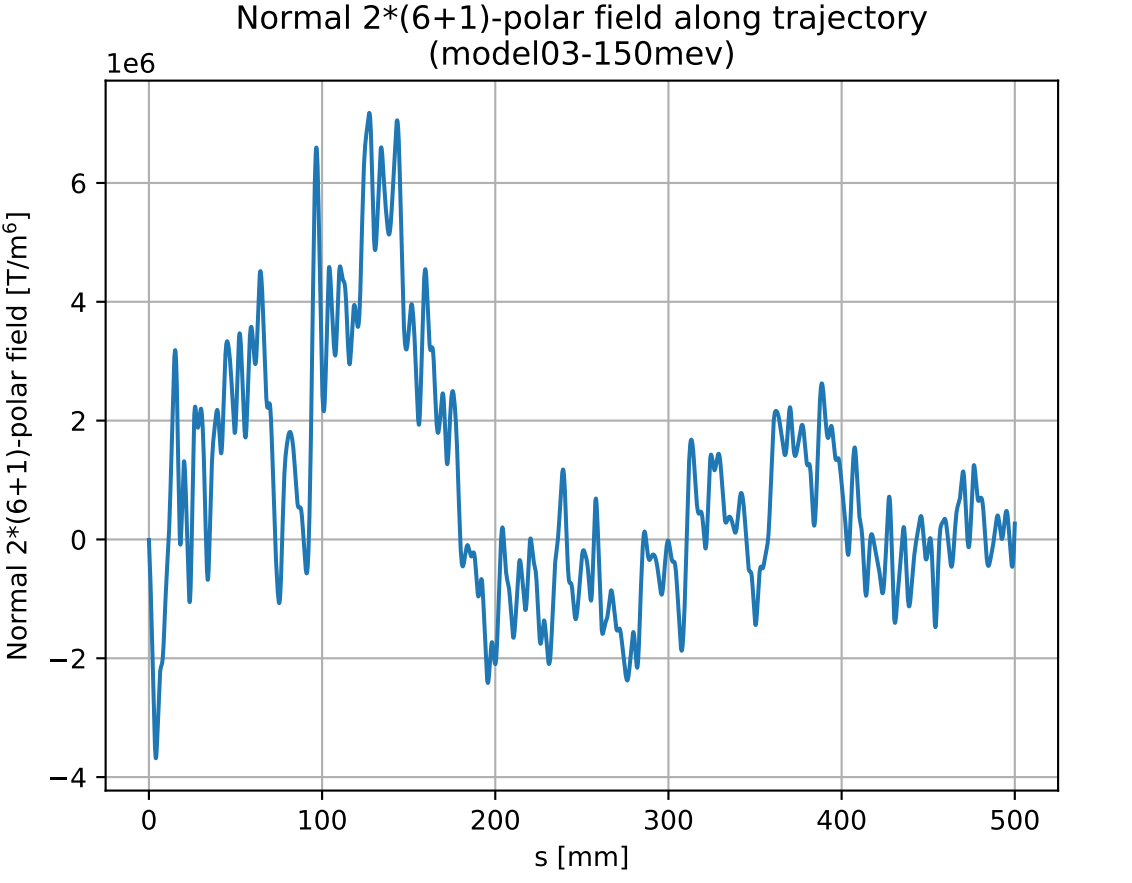

Normal quadrupolar field along trajectory
(model03-150mev)
Normal quadrupolar field [T/m]
0.08
0.06
0.04
0.02
0.00
0
100
200
300
400
500
s [mm]

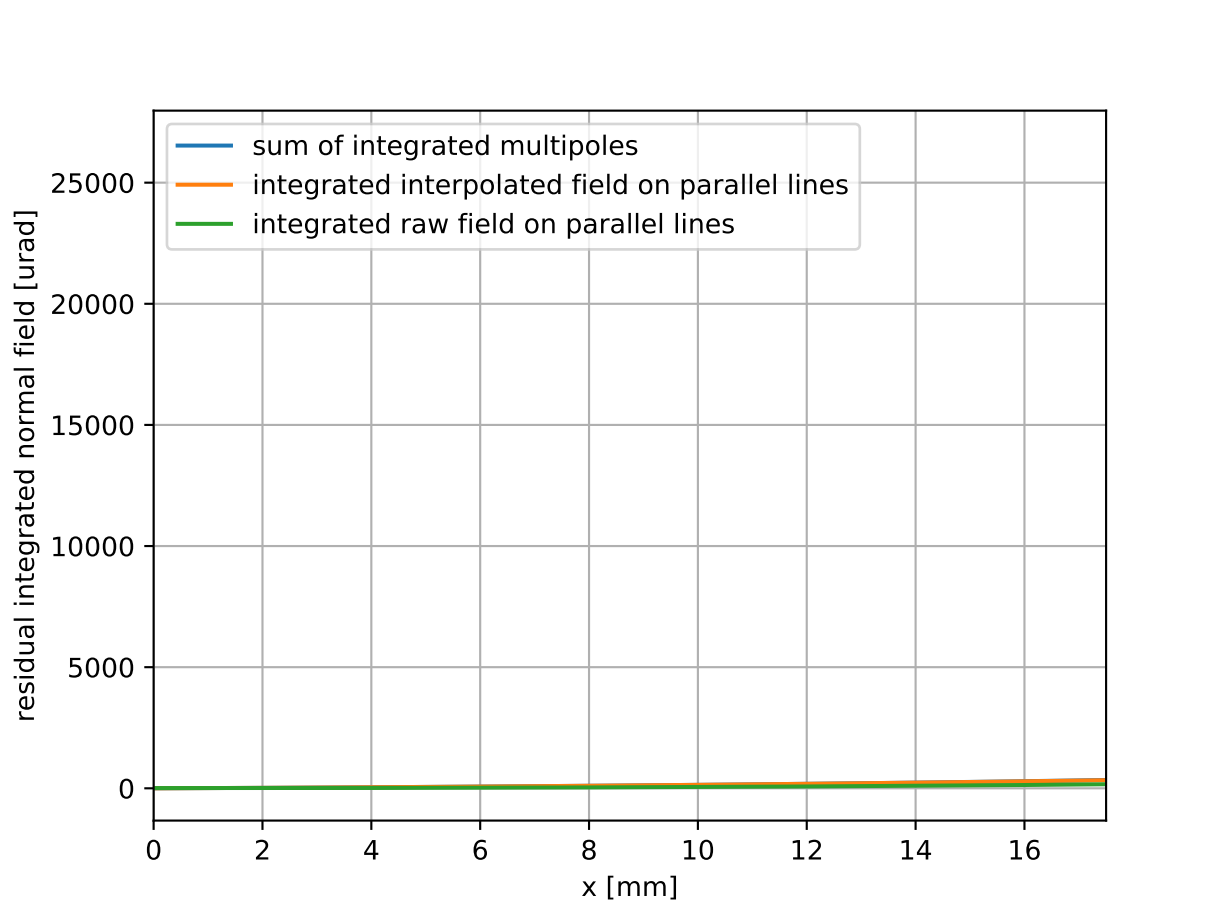

Normal sextupolar field along trajectory
(model03-150mev)
Normal sextupolar field [T/m^2]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500
s [mm]


Normal octupolar field along trajectory
(model03-150mev)
Normal octupolar field [T/m^3]
15
10
5
0
−5
0
100
200
300
400
500
s [mm]


Normal decapolar field along trajectory
(model03-150mev)
1e3
0.5
0.0
−0.5
−1.0
Normal decapolar field [T/m^4]
0
100
200
300
400
500
s [mm]


Normal duodecapolar field along trajectory
(model03-150mev)
1e4
6
4
2
0
−2
Normal duodecapolar field [T/m^5]
0
100
200
300
400
500
s [mm]


Normal 2*(6+1)-polar field along trajectory
(model03-150mev)
1e6
Normal 2*(6+1)-polar field [T/m^6]
6
4
2
0
−2
−4
0
100
200
300
400
500
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated normal field [urad]
25000
20000
15000
10000
5000
0
0
2
4
6
8
10
12
14
16
x [mm]