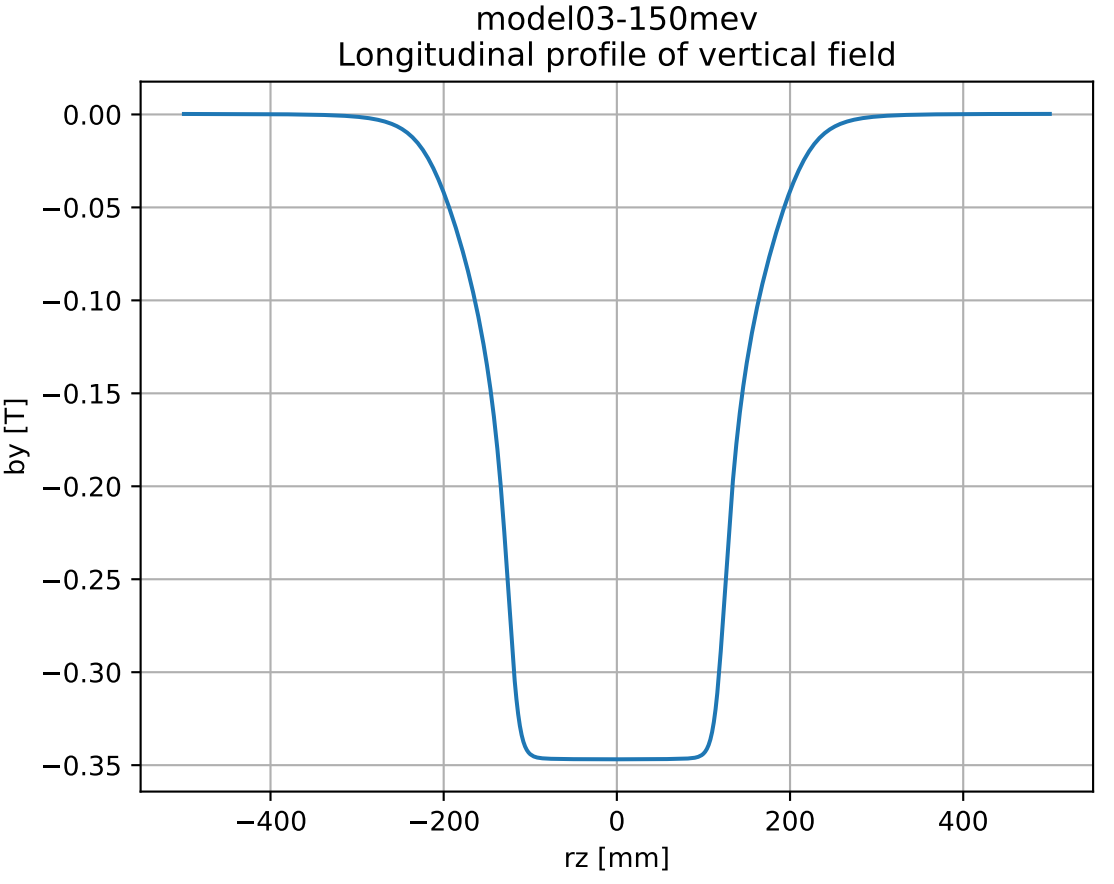
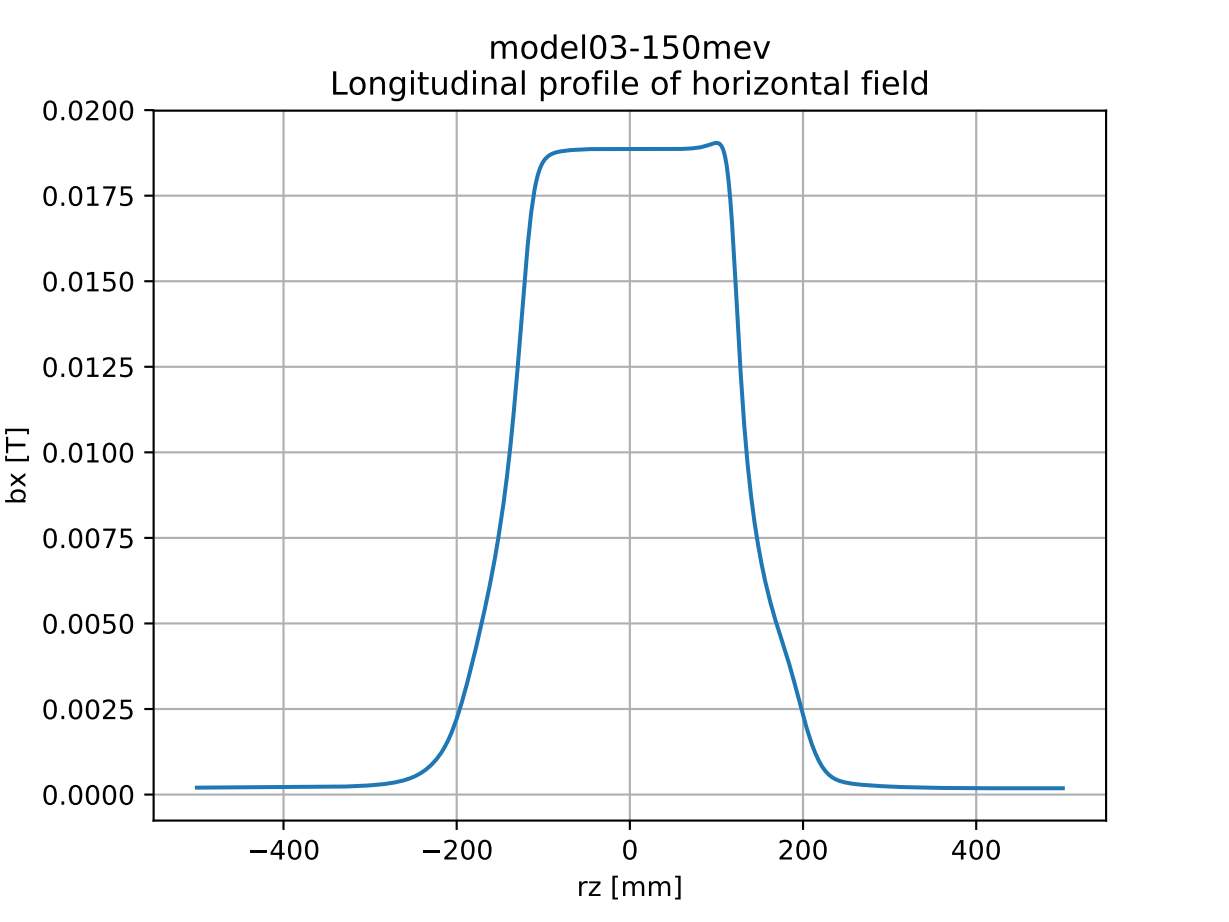
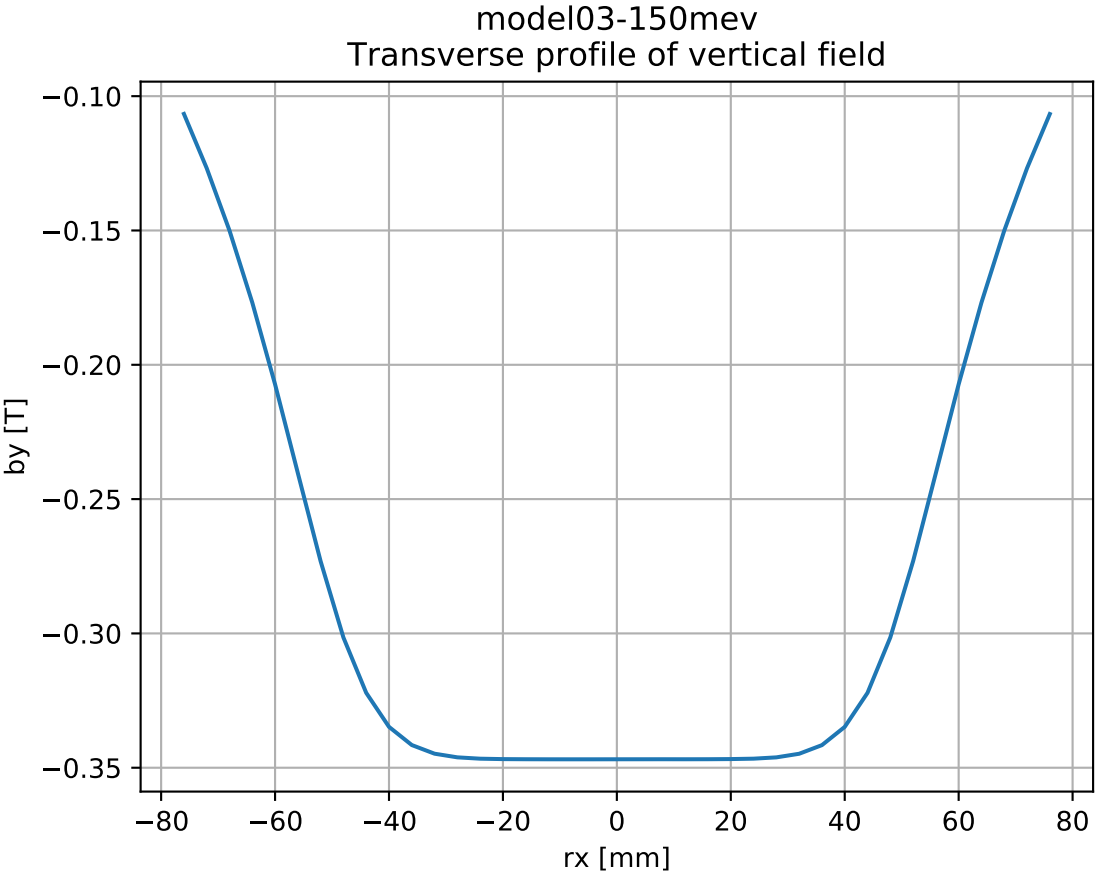
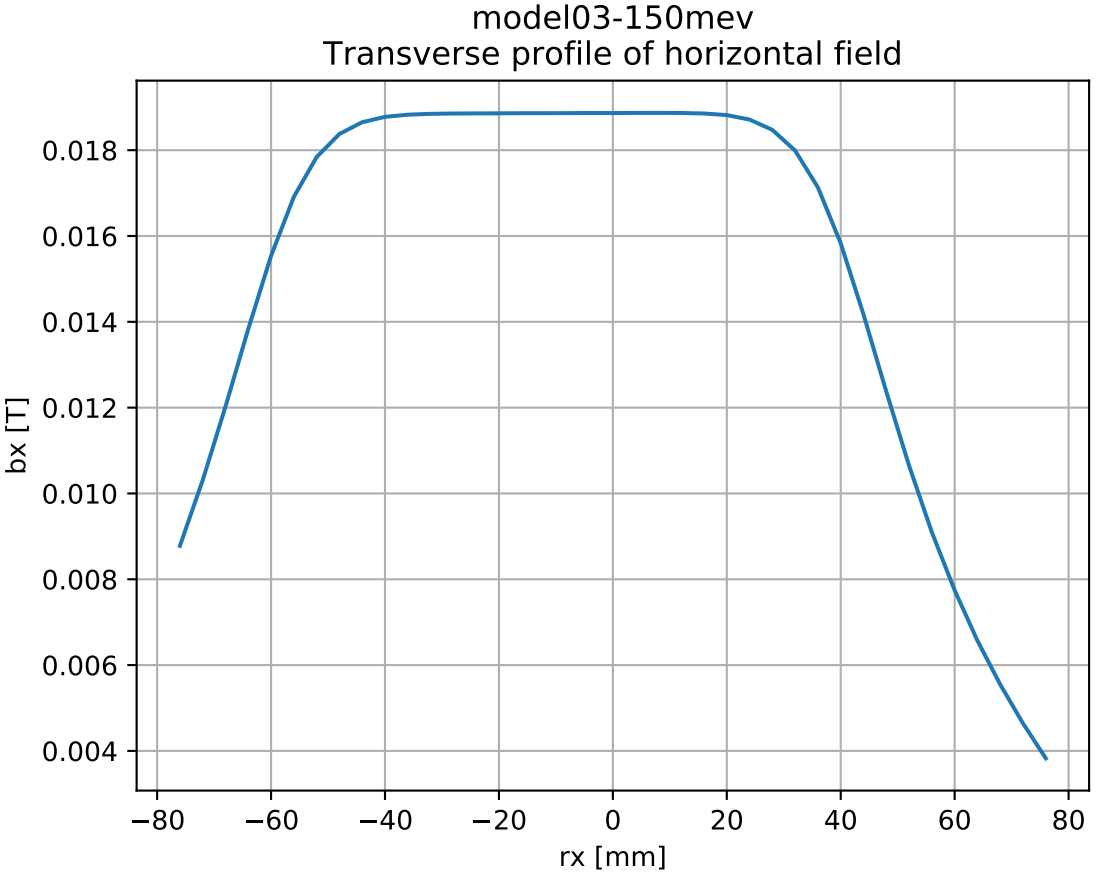
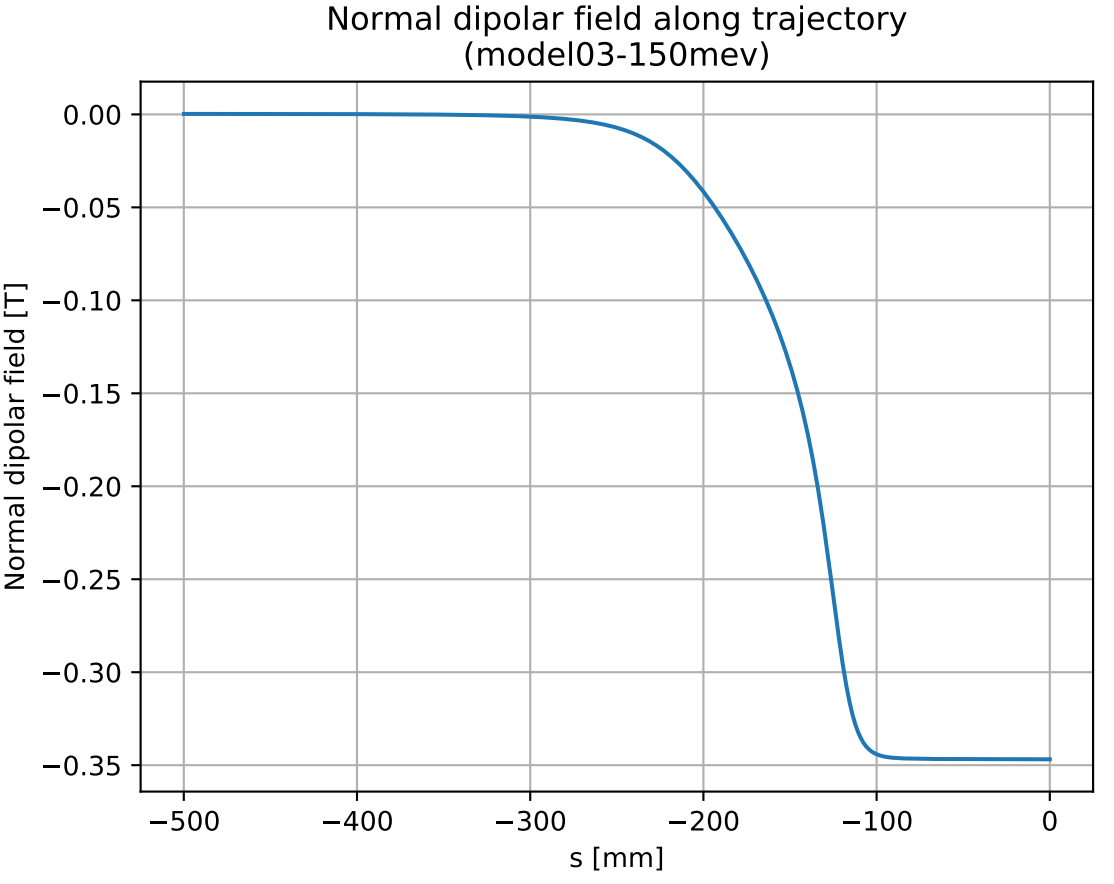
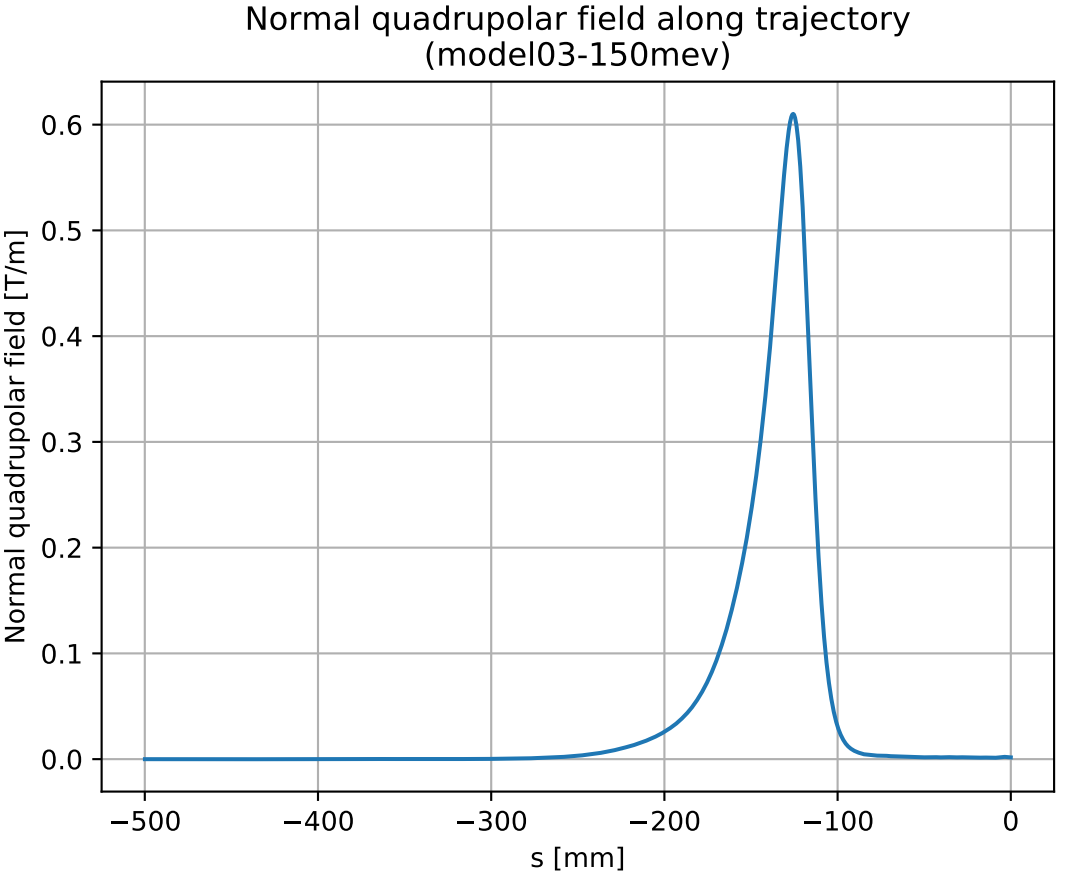

model03-150mev
Longitudinal profile of vertical field
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
by [T]
−400
−200
0
200
400
rz [mm]

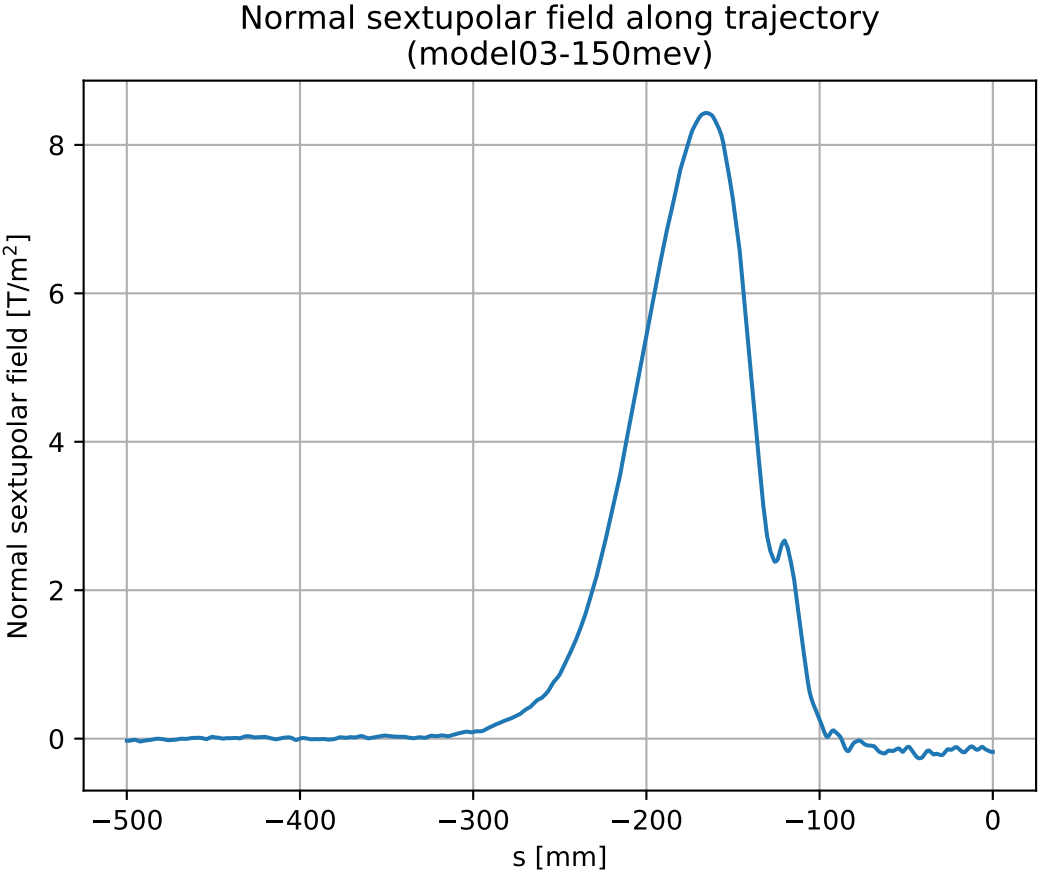

model03-150mev
Longitudinal profile of horizontal field
bx [T]
0.0200
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0.0000
−400
−200
0
200
400
rz [mm]

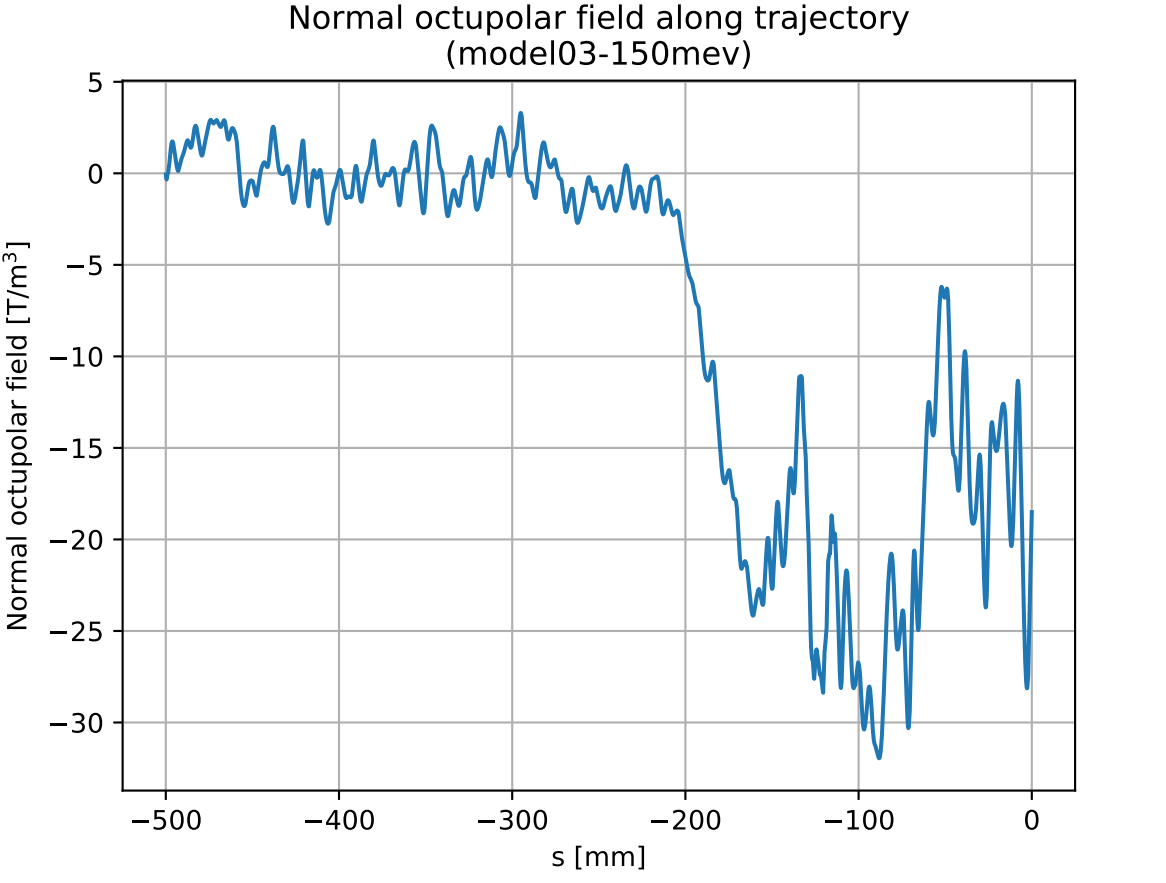

model03-150mev
Transverse profile of vertical field
by [T]
rx [mm]
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−80
−60
−40
−20
0
20
40
60
80

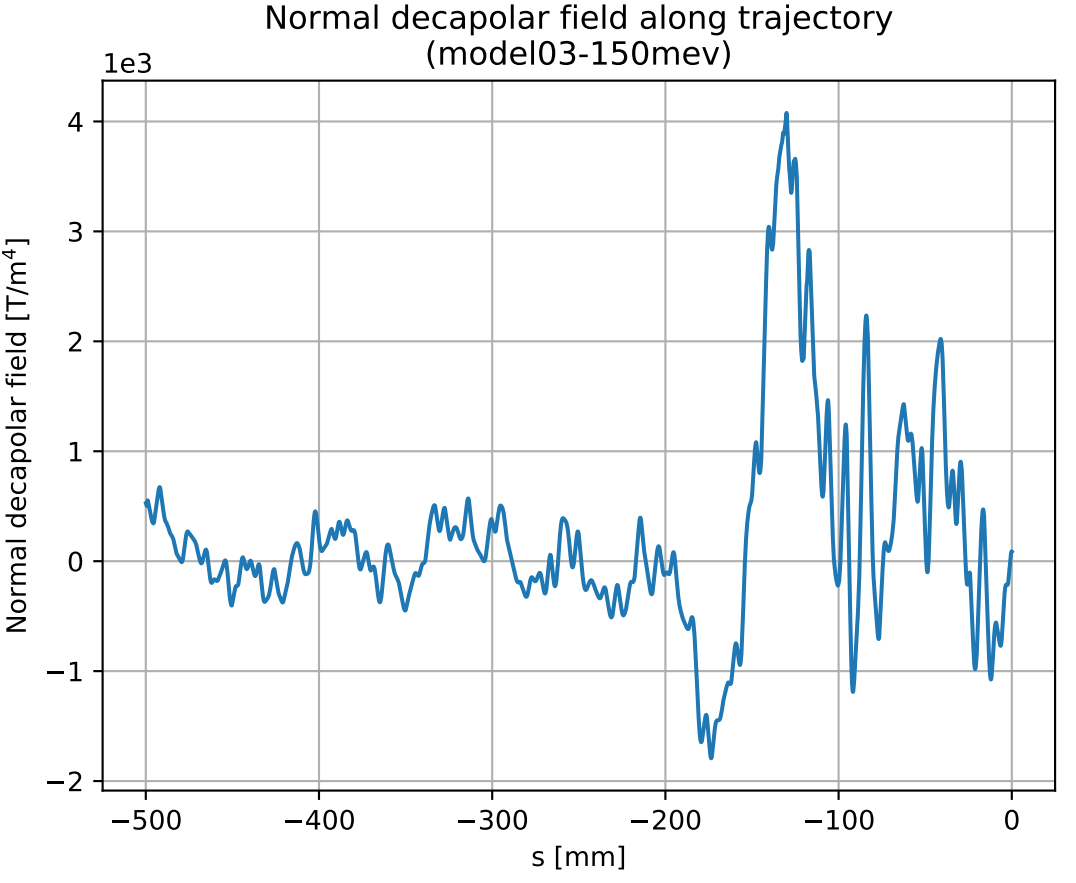

model03-150mev
Transverse profile of horizontal field
bx [T]
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
−80
−60
−40
−20
0
20
40
60
80
rx [mm]

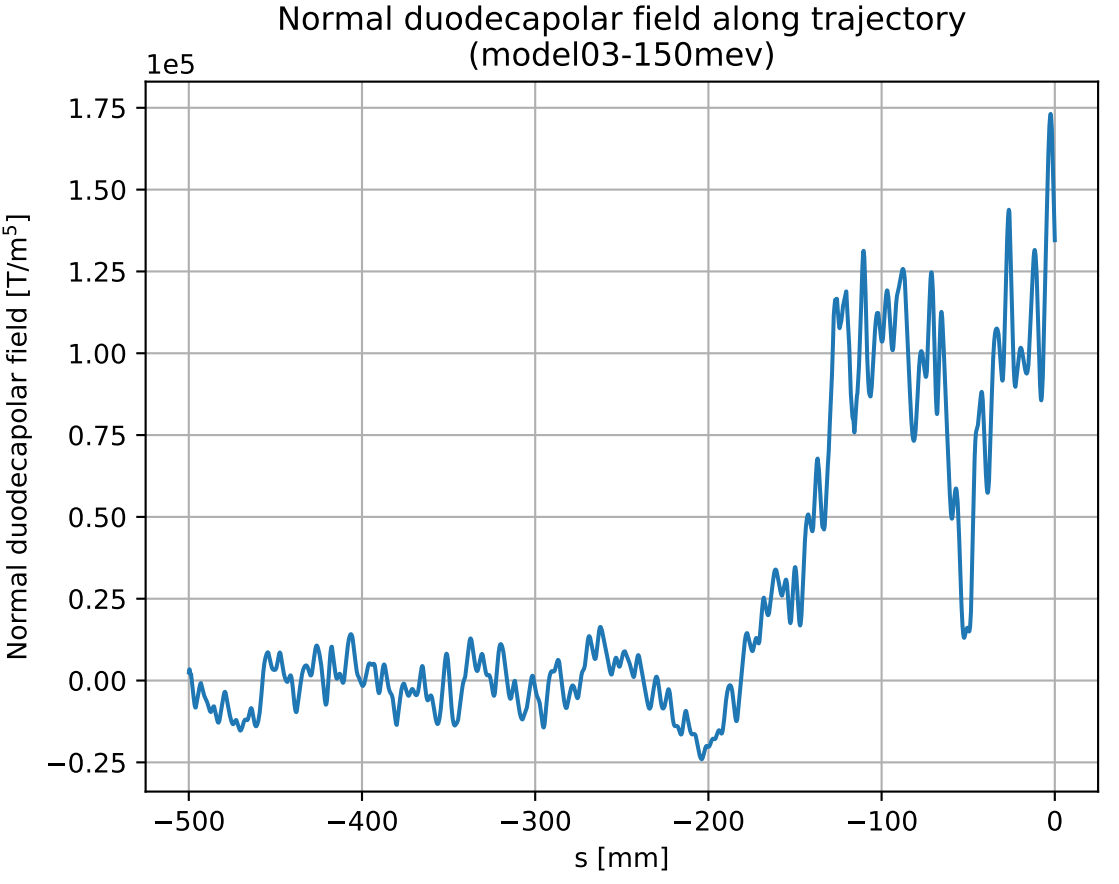

Normal dipolar field along trajectory
(model03-150mev)
Normal dipolar field [T]
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−500
−400
−300
−200
−100
0
s [mm]

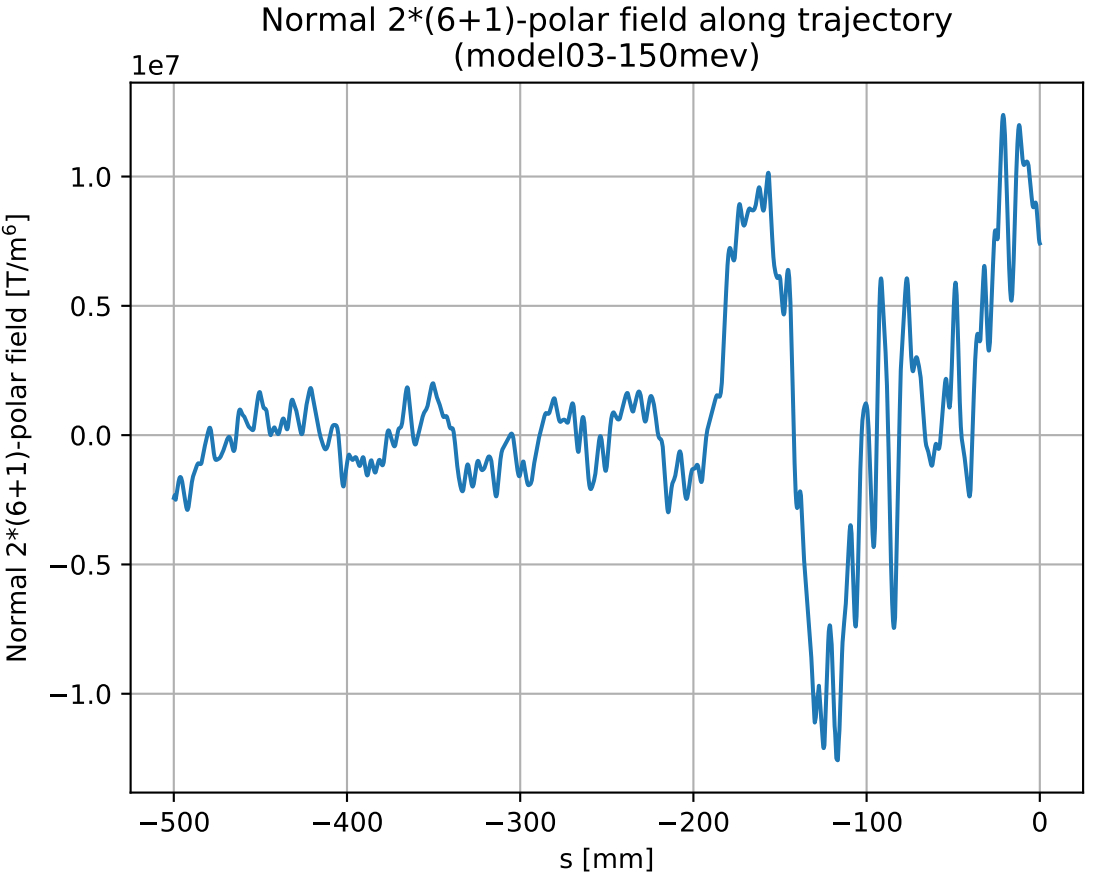

Normal quadrupolar field along trajectory
(model03-150mev)
Normal quadrupolar field [T/m]
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−500
−400
−300
−200
−100
0
s [mm]

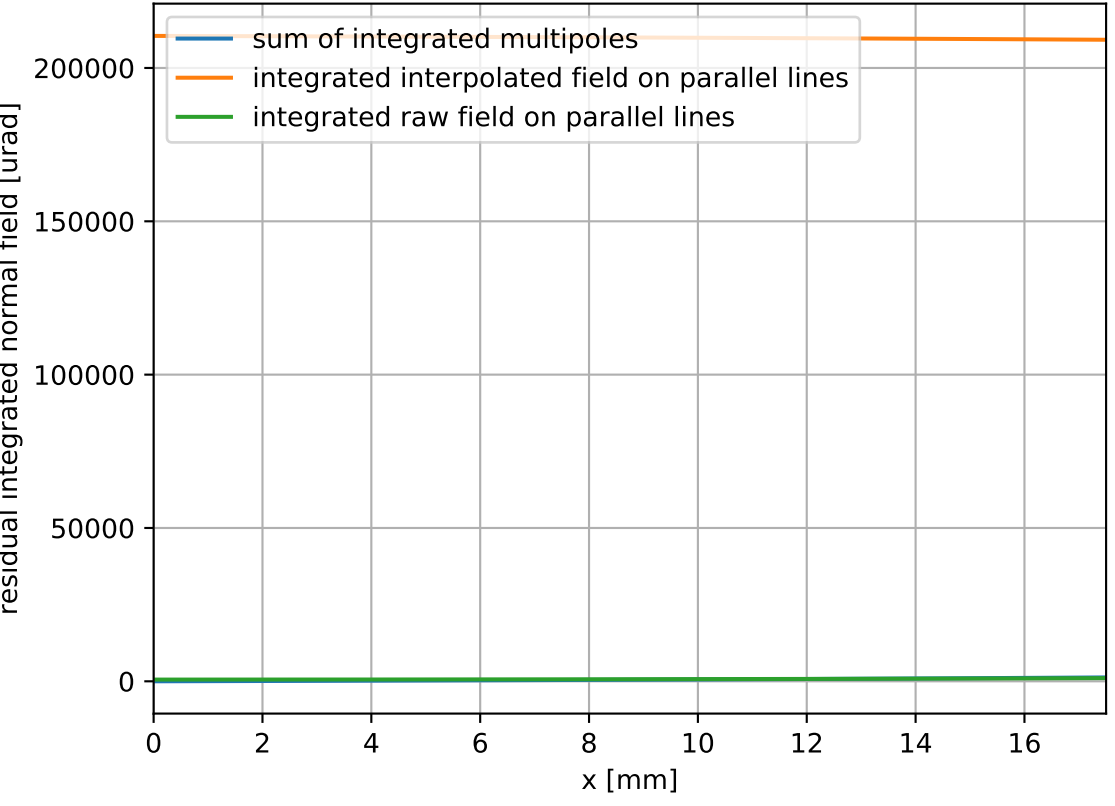

Normal sextupolar field along trajectory
(model03-150mev)
Normal sextupolar field [T/m^2]
8
6
4
2
0
−500
−400
−300
−200
−100
0
s [mm]


Normal octupolar field along trajectory
(model03-150mev)
Normal octupolar field [T/m^3]
5
0
−5
−10
−15
−20
−25
−30
−500
−400
−300
−200
−100
0
s [mm]


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


Normal duodecapolar field along trajectory
(model03-150mev)
1e5
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
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
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]
200000
150000
100000
50000
0
0
2
4
6
8
10
12
14
16
x [mm]