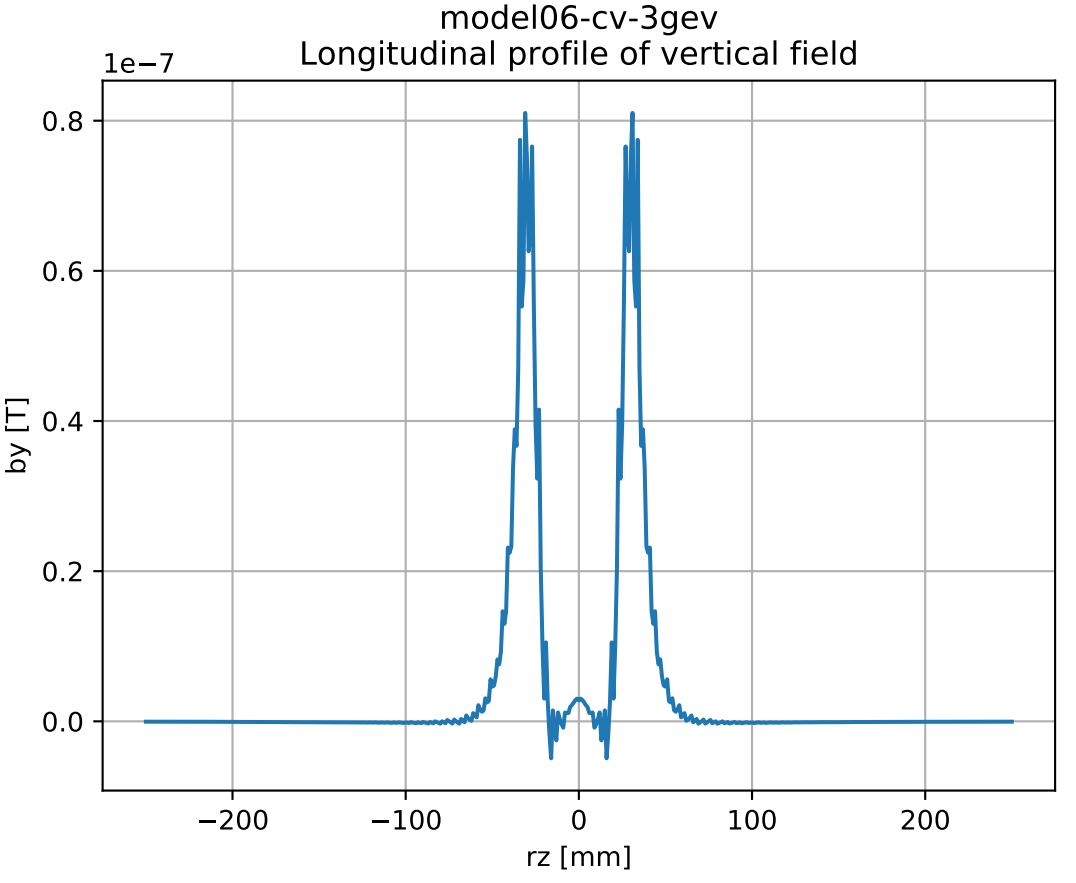
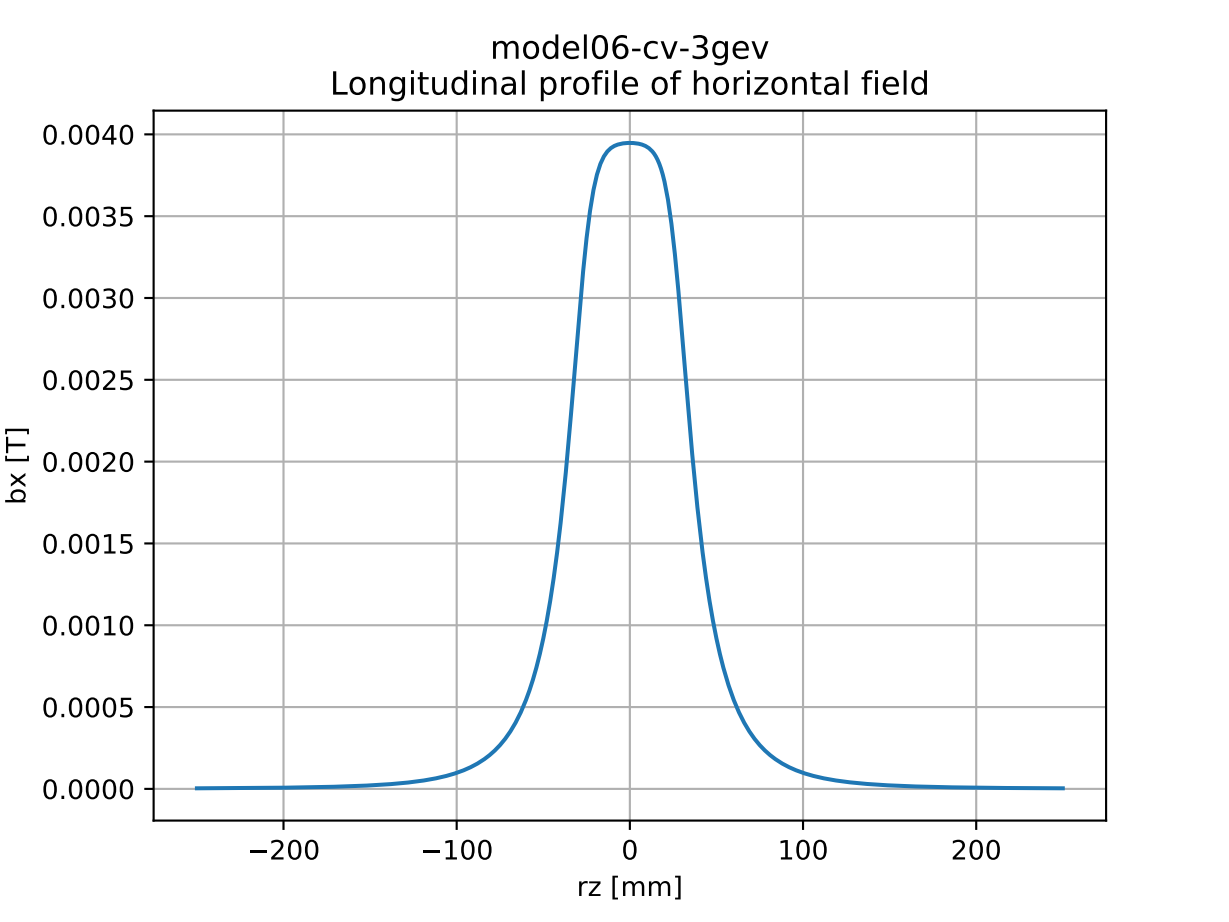
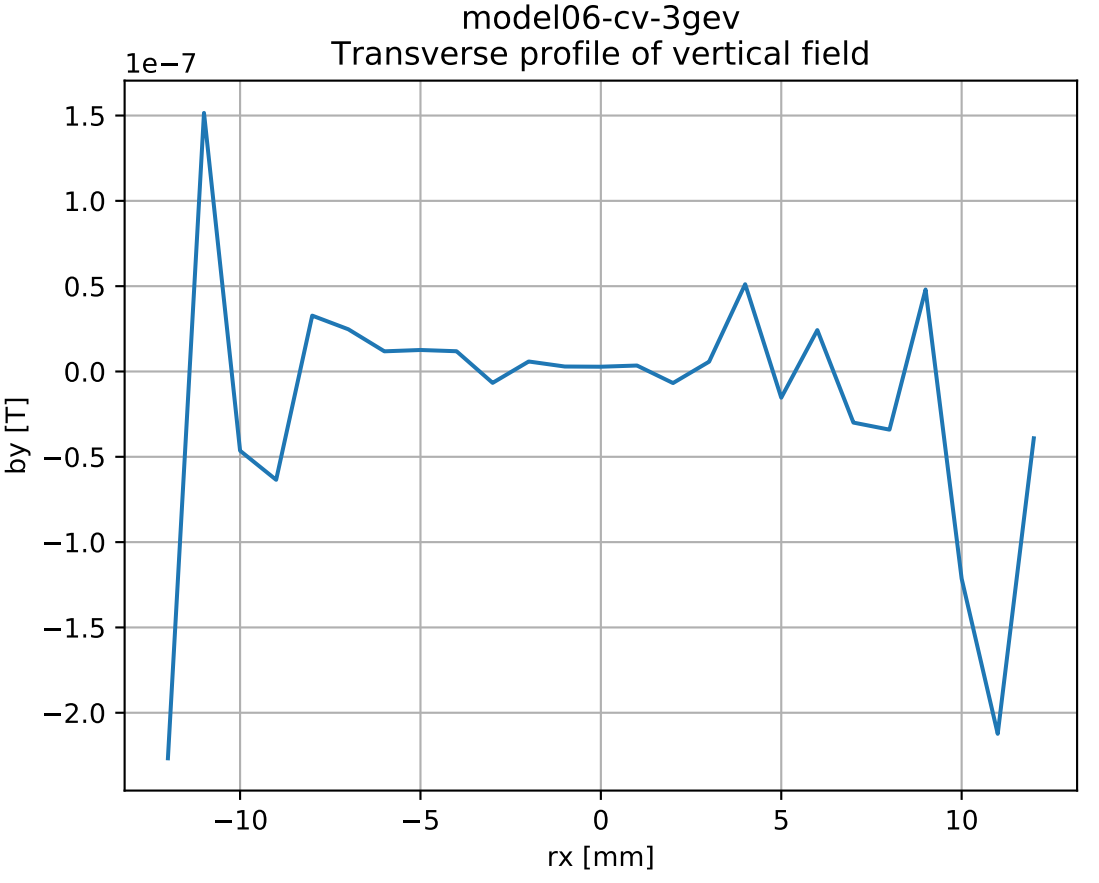
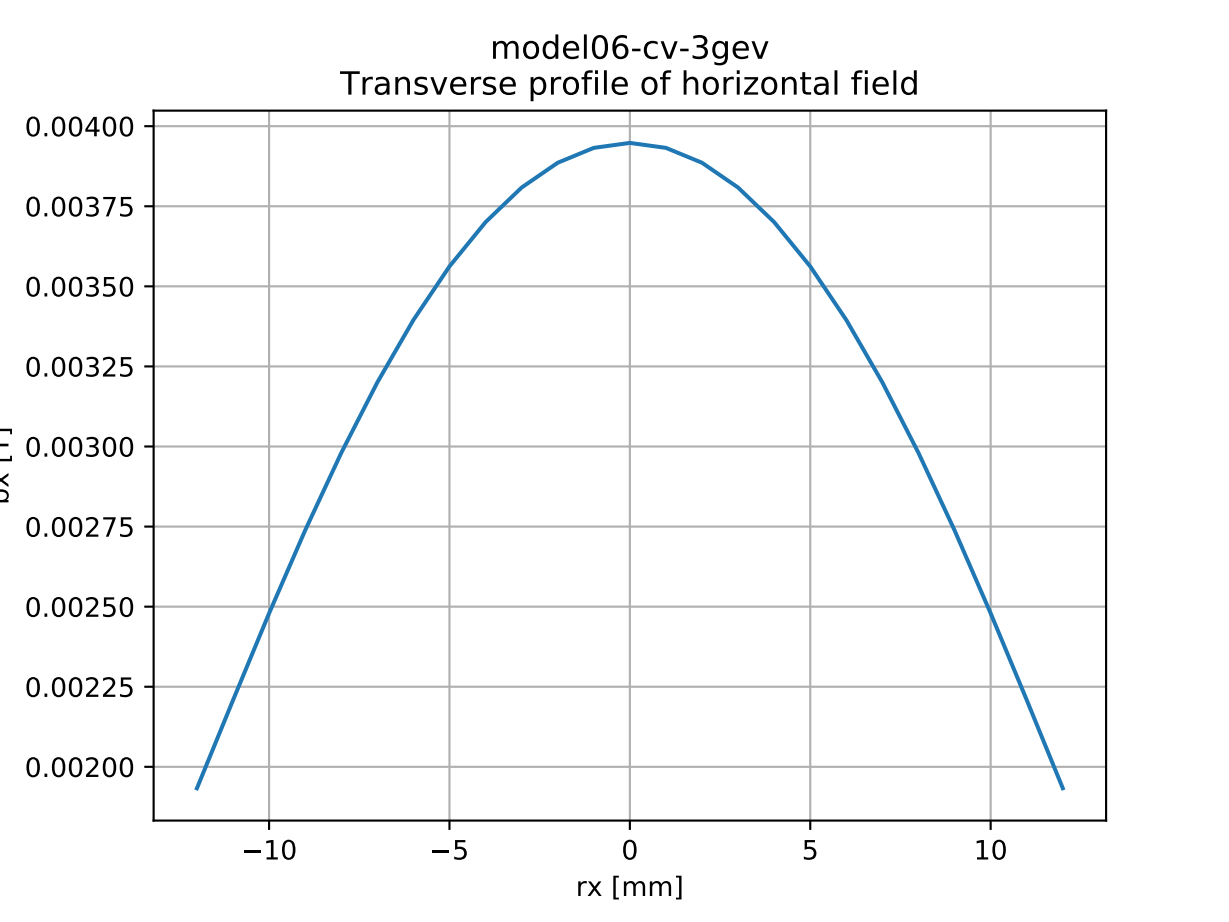
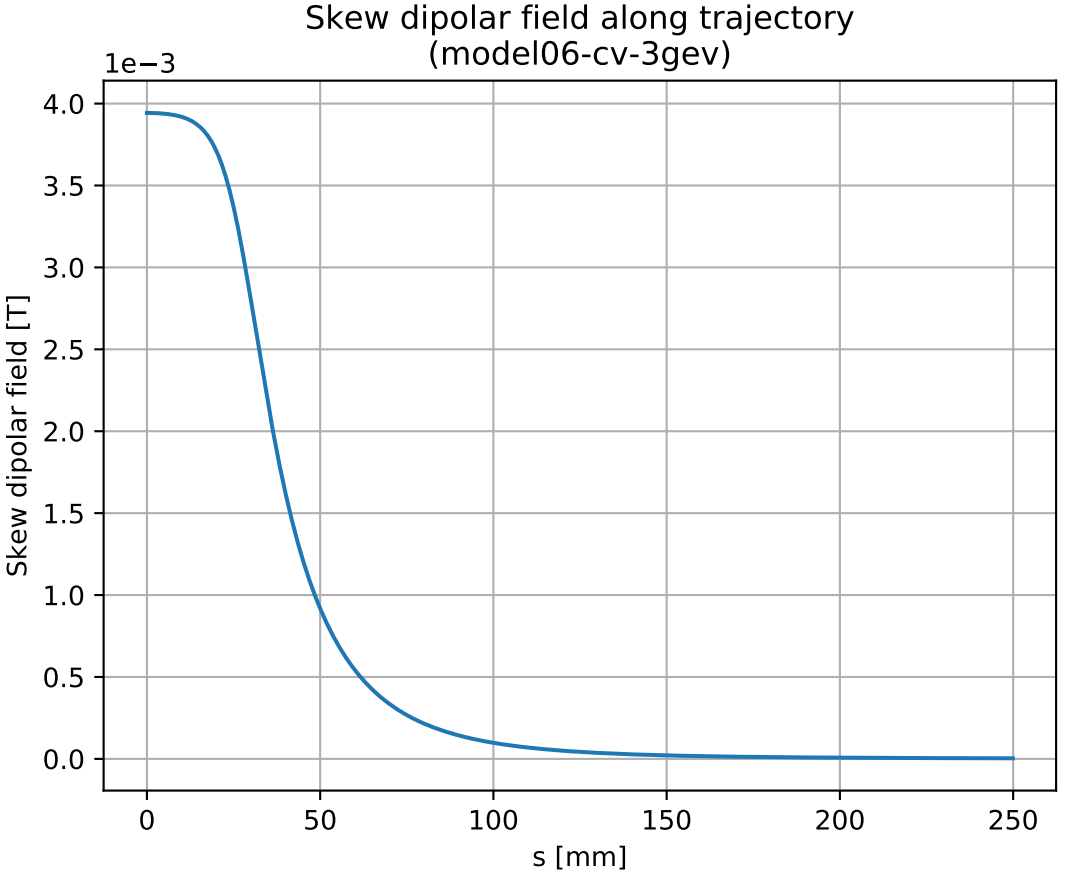
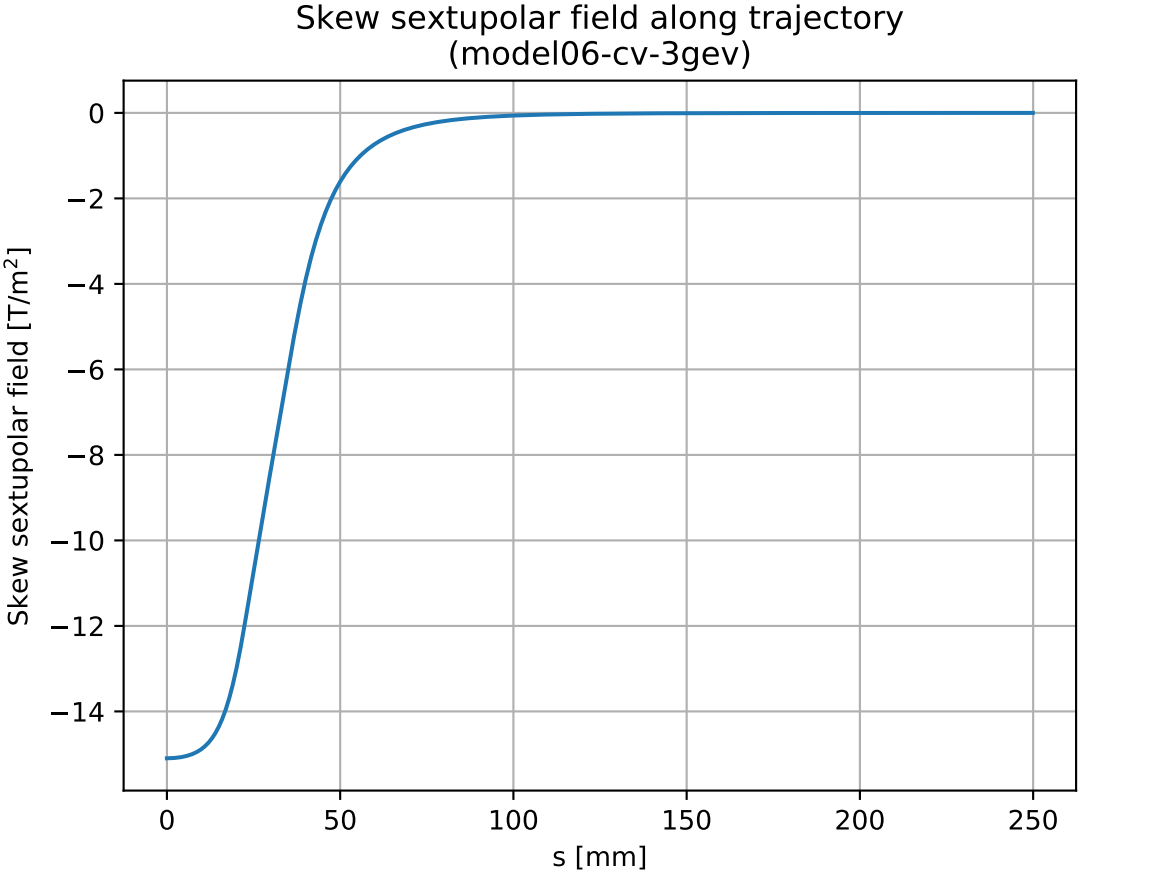

model06-cv-3gev
Longitudinal profile of vertical field
1e−7
0.8
0.6
0.4
0.2
0.0
by [T]
−200
−100
0
100
200
rz [mm]

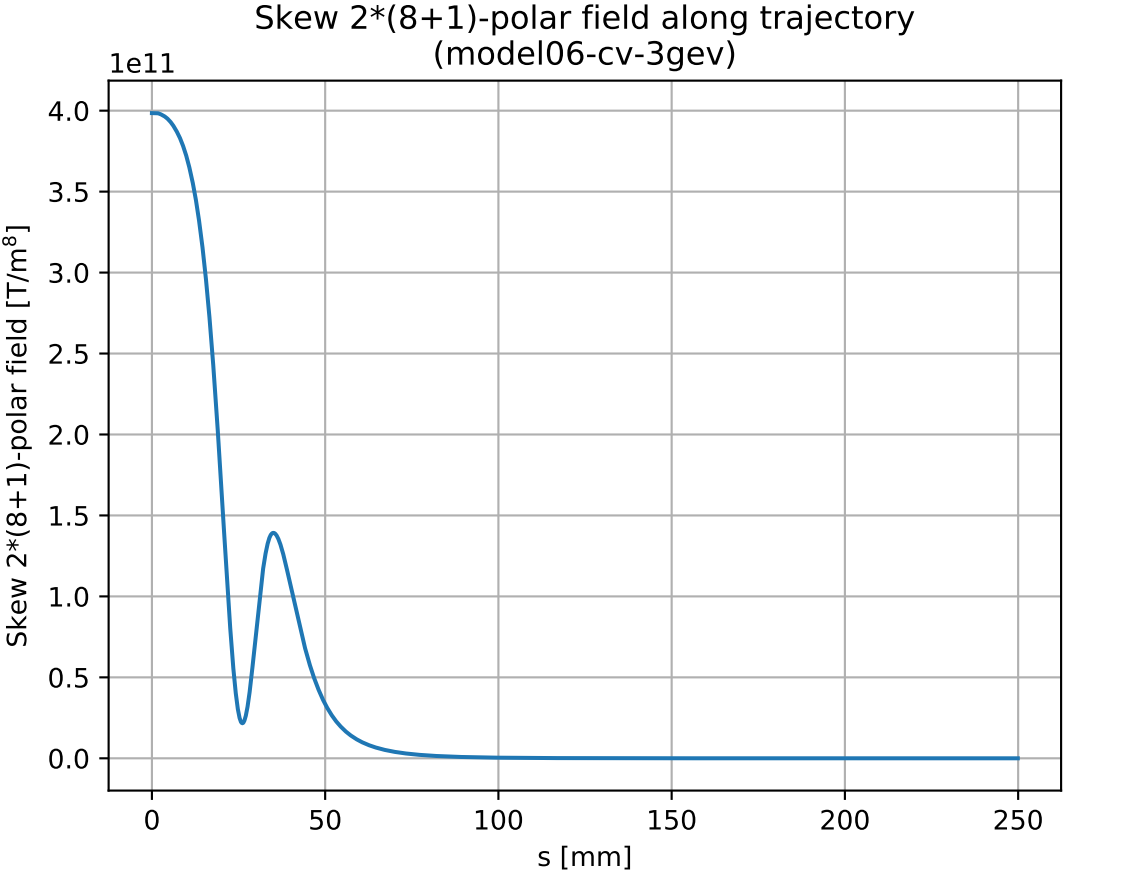

model06-cv-3gev
Longitudinal profile of horizontal field
bx [T]
0.0040
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
−200
−100
0
100
200
rz [mm]

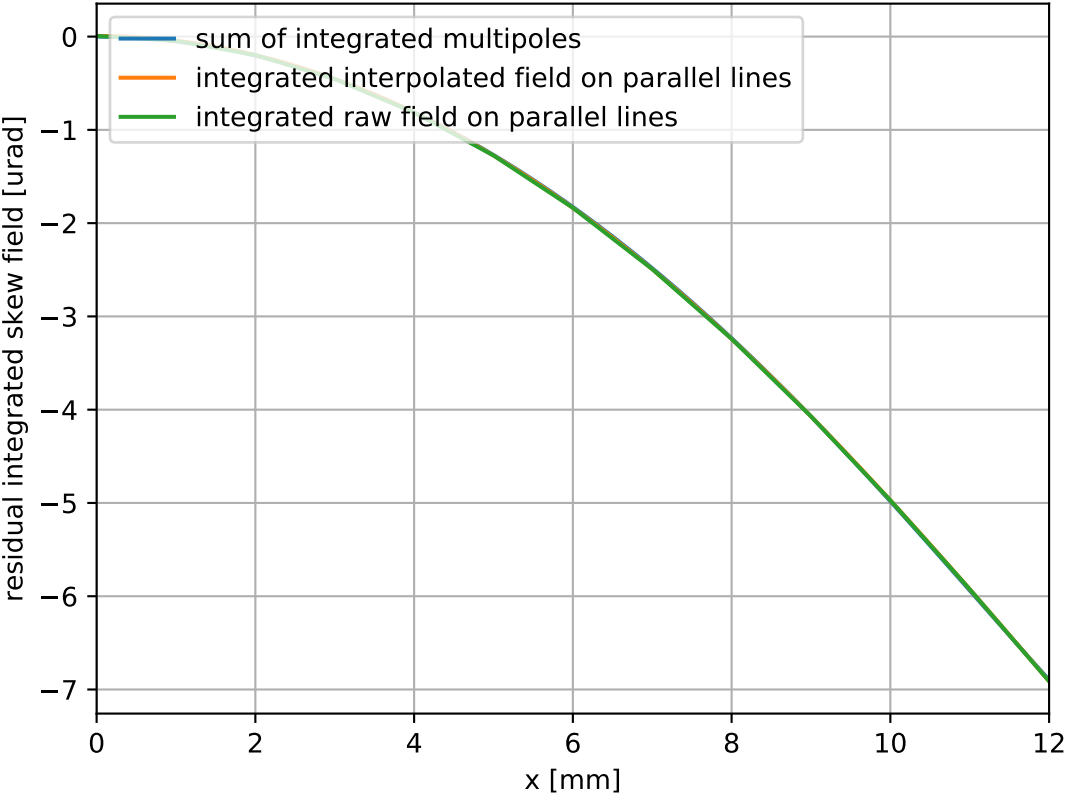

model06-cv-3gev
Transverse profile of vertical field
1e−7
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
by [T]
−10
−5
0
5
10
rx [mm]


model06-cv-3gev
Transverse profile of horizontal field
0.00400
0.00375
0.00350
0.00325
0.00300
0.00275
0.00250
0.00225
0.00200
−10
−5
0
5
10
rx [mm]


Skew dipolar field along trajectory
(model06-cv-3gev)
1e−3
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Skew dipolar field [T]
0
50
100
150
200
250
s [mm]


Skew sextupolar field along trajectory
(model06-cv-3gev)
Skew sextupolar field [T/m^2]
0
−2
−4
−6
−8
−10
−12
−14
0
50
100
150
200
250
s [mm]


Skew 2*(8+1)-polar field along trajectory
(model06-cv-3gev)
1e11
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Skew 2*(8+1)-polar field [T/m^8]
0
50
100
150
200
250
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated skew field [urad]
0
−1
−2
−3
−4
−5
−6
−7
0
2
4
6
8
10
12
x [mm]