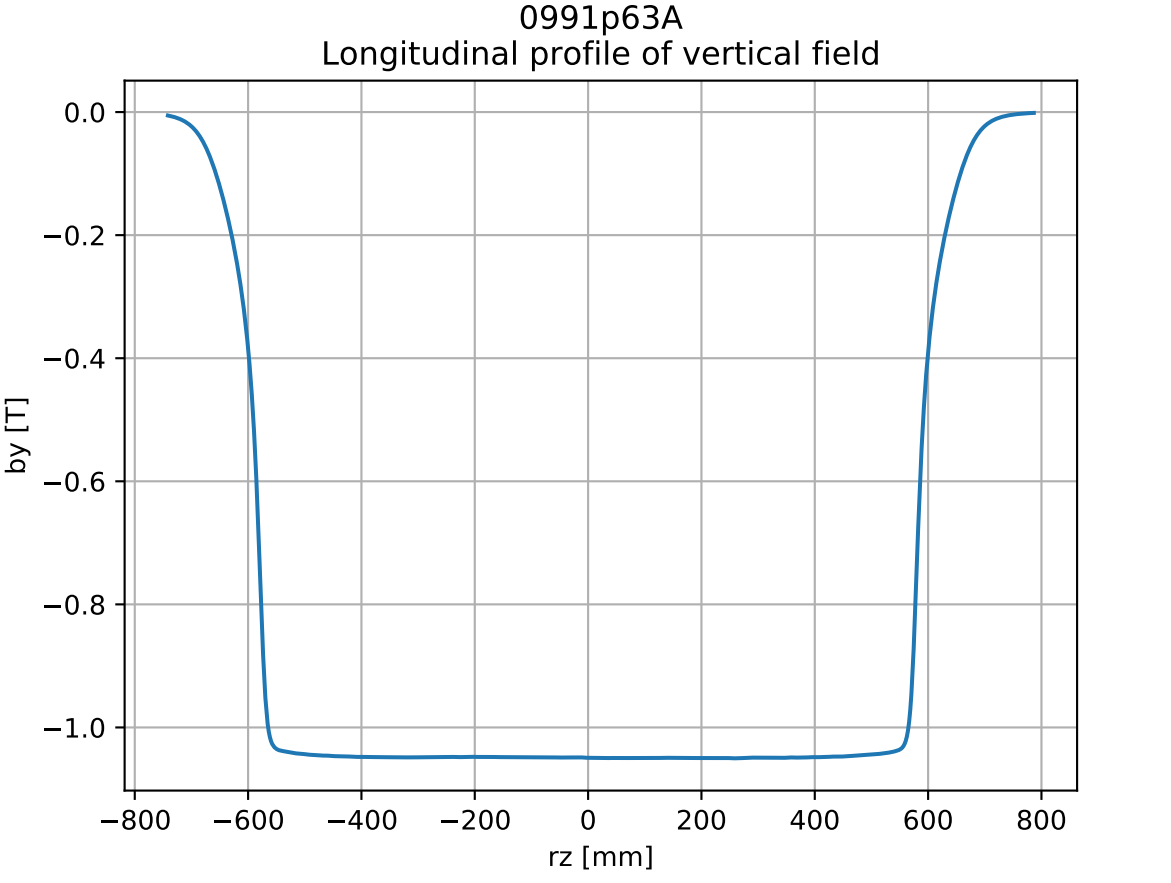
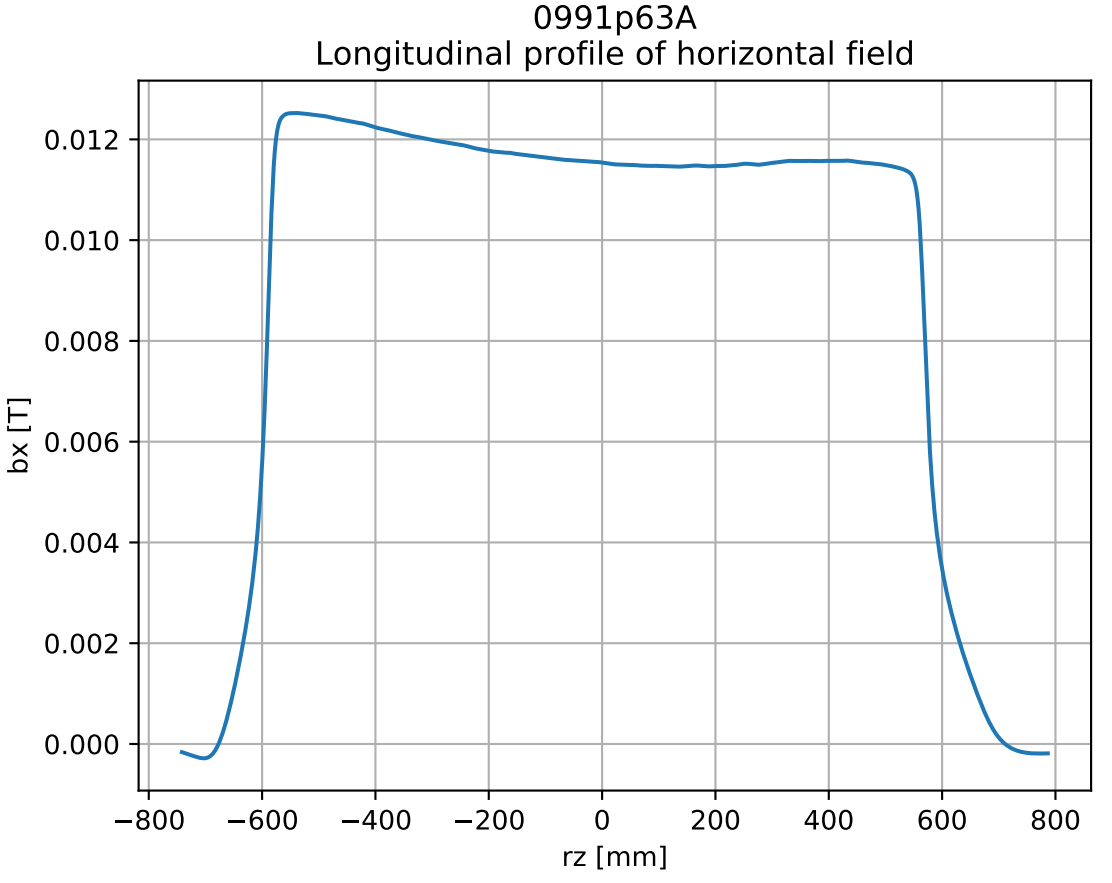
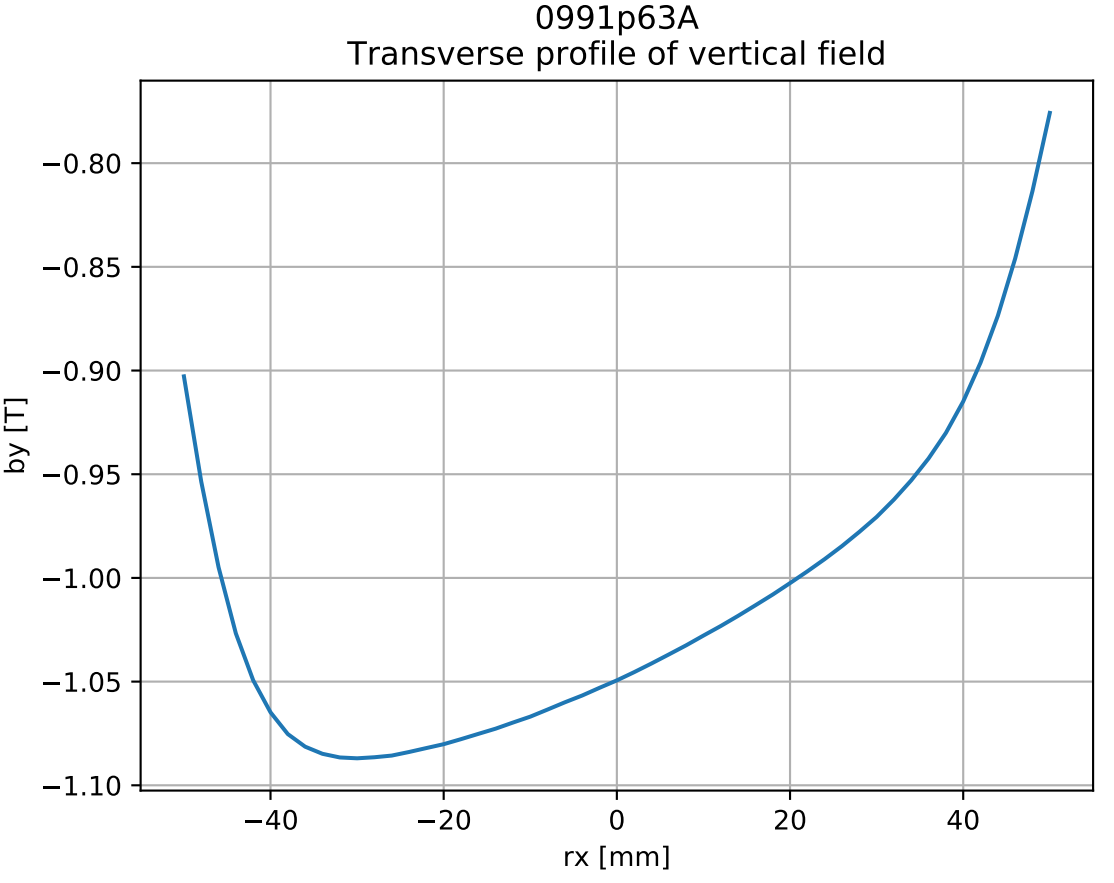
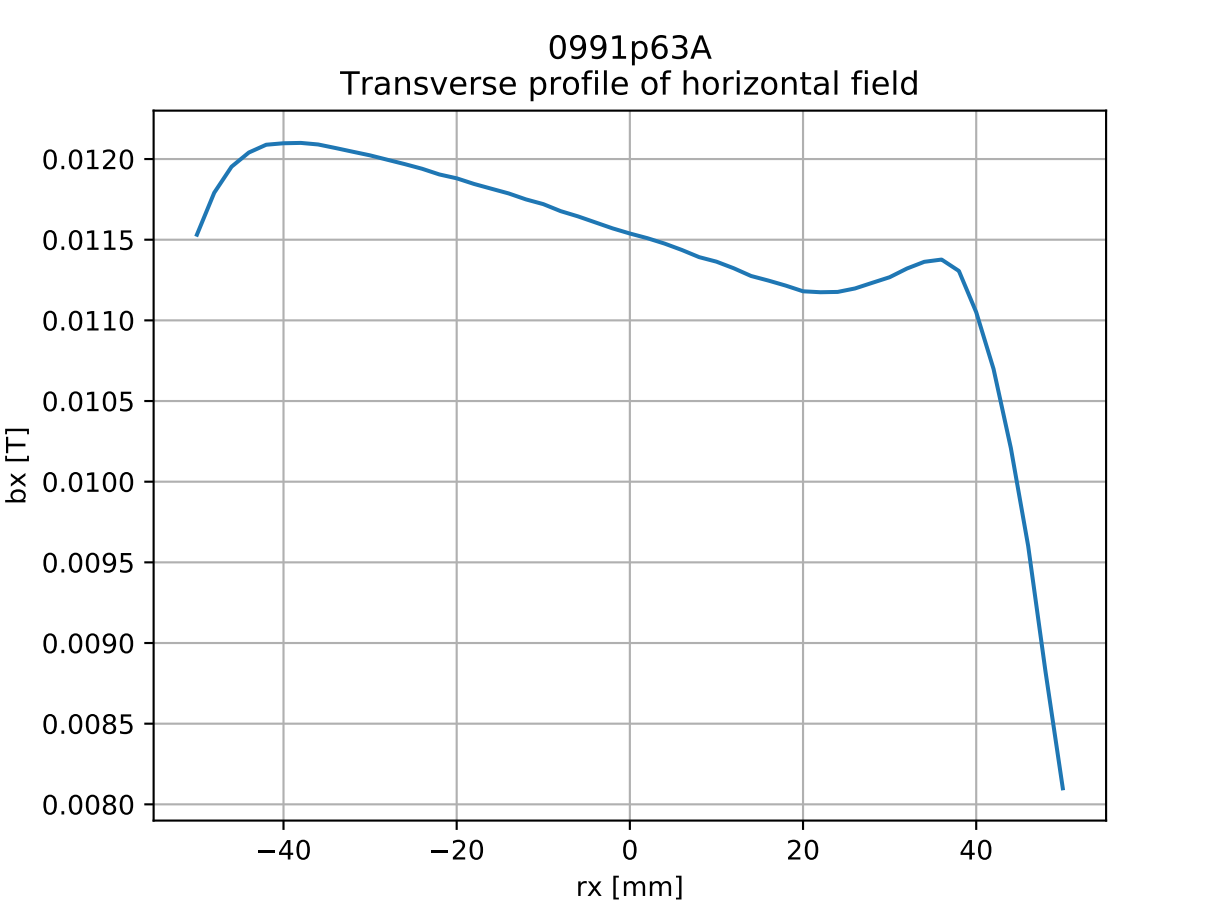
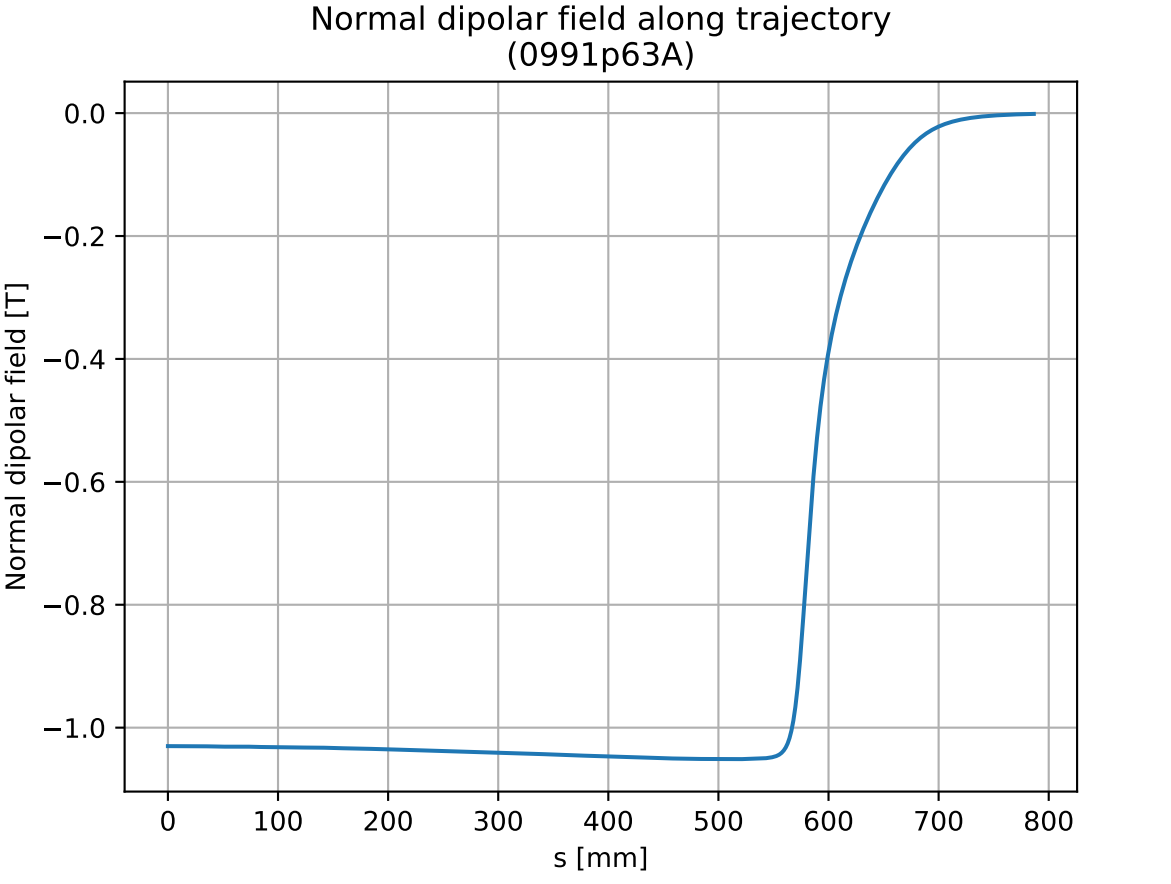
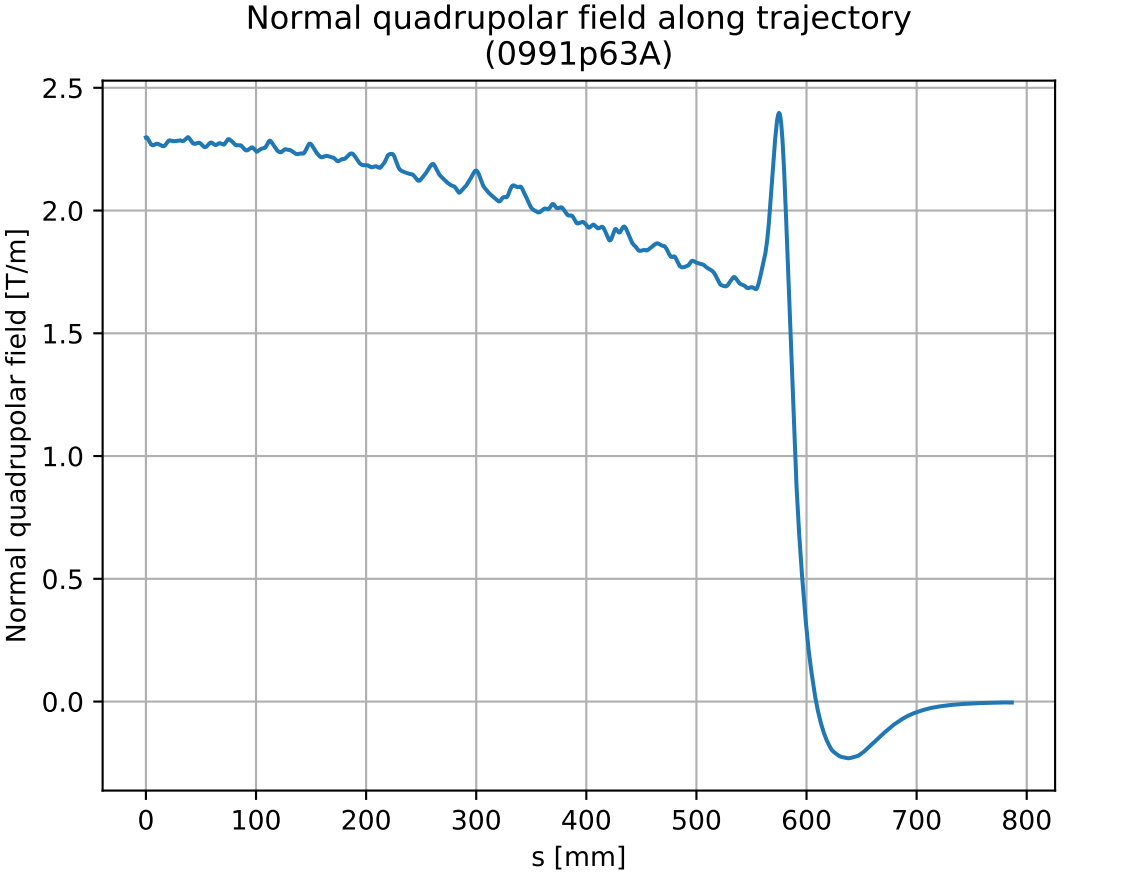

0991p63A
Longitudinal profile of vertical field
by [T]
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−800
−600
−400
−200
0
200
400
600
800
rz [mm]

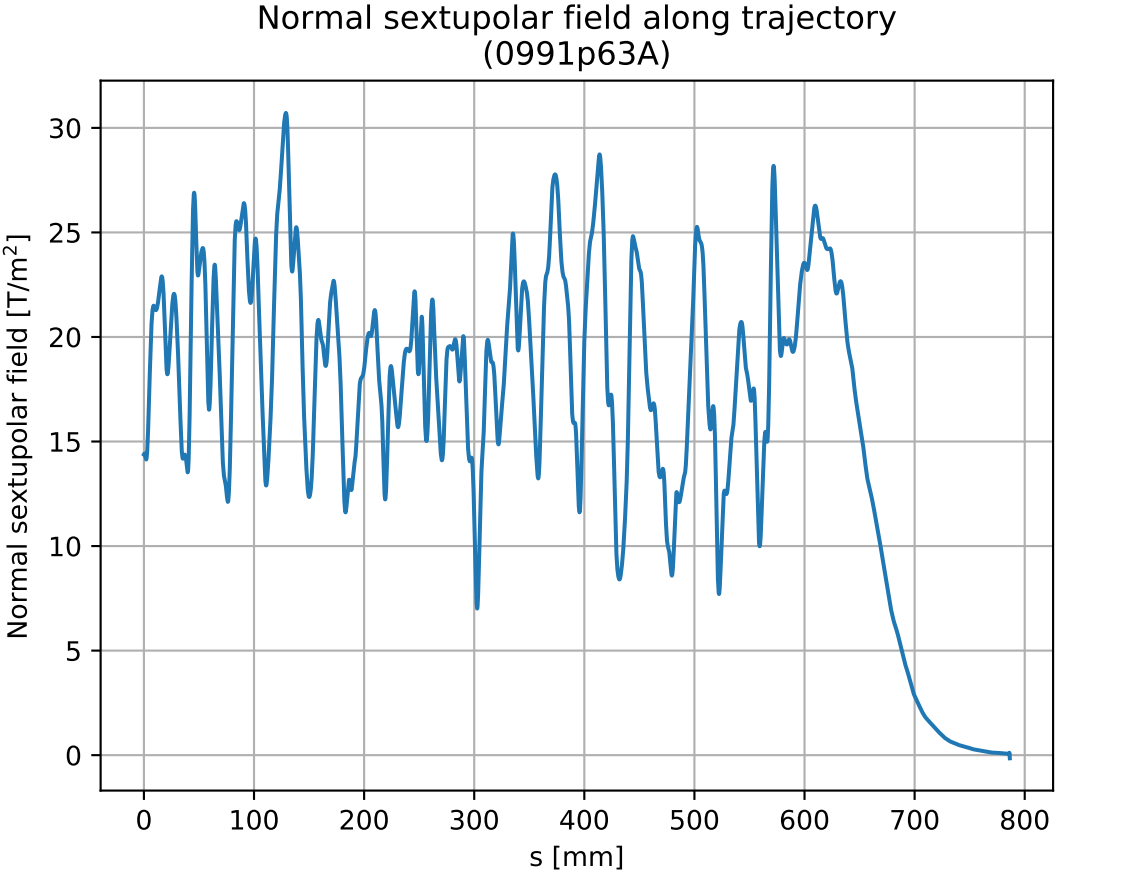

0991p63A
Longitudinal profile of horizontal field
bx [T]
0.012
0.010
0.008
0.006
0.004
0.002
0.000
−800
−600
−400
−200
0
200
400
600
800
rz [mm]

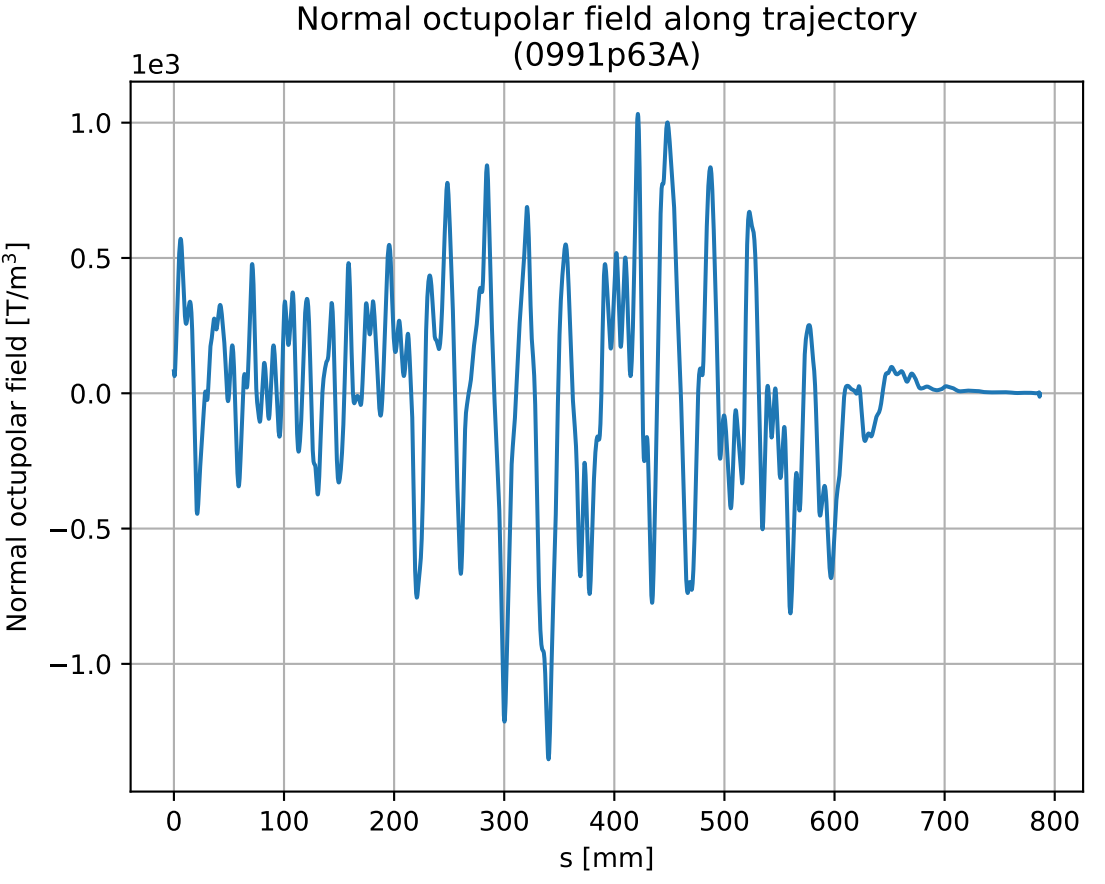

0991p63A
Transverse profile of vertical field
by [T]
−0.80
−0.85
−0.90
−0.95
−1.00
−1.05
−1.10
−40
−20
0
20
40
rx [mm]

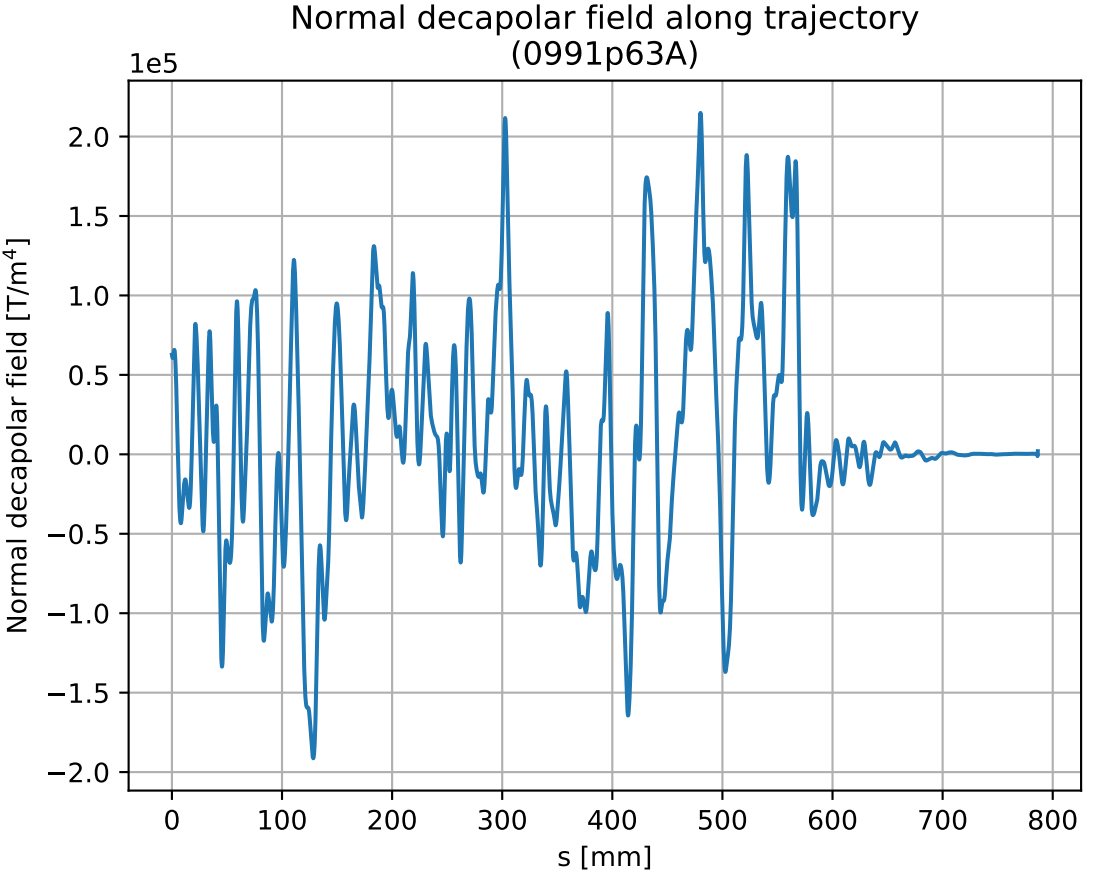

0991p63A
Transverse profile of horizontal field
bx [T]
0.0120
0.0115
0.0110
0.0105
0.0100
0.0095
0.0090
0.0085
0.0080
−40
−20
0
20
40
rx [mm]

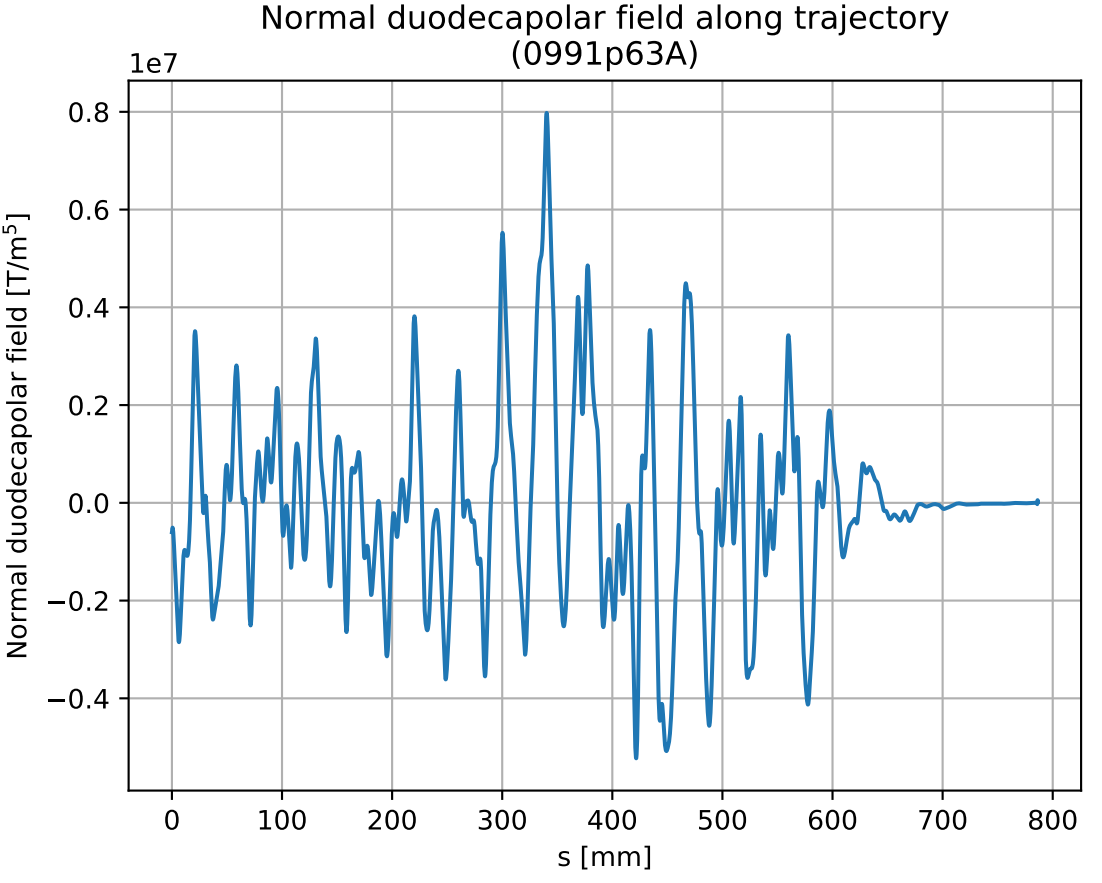

Normal dipolar field along trajectory
(0991p63A)
Normal dipolar field [T]
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
100
200
300
400
500
600
700
800
s [mm]

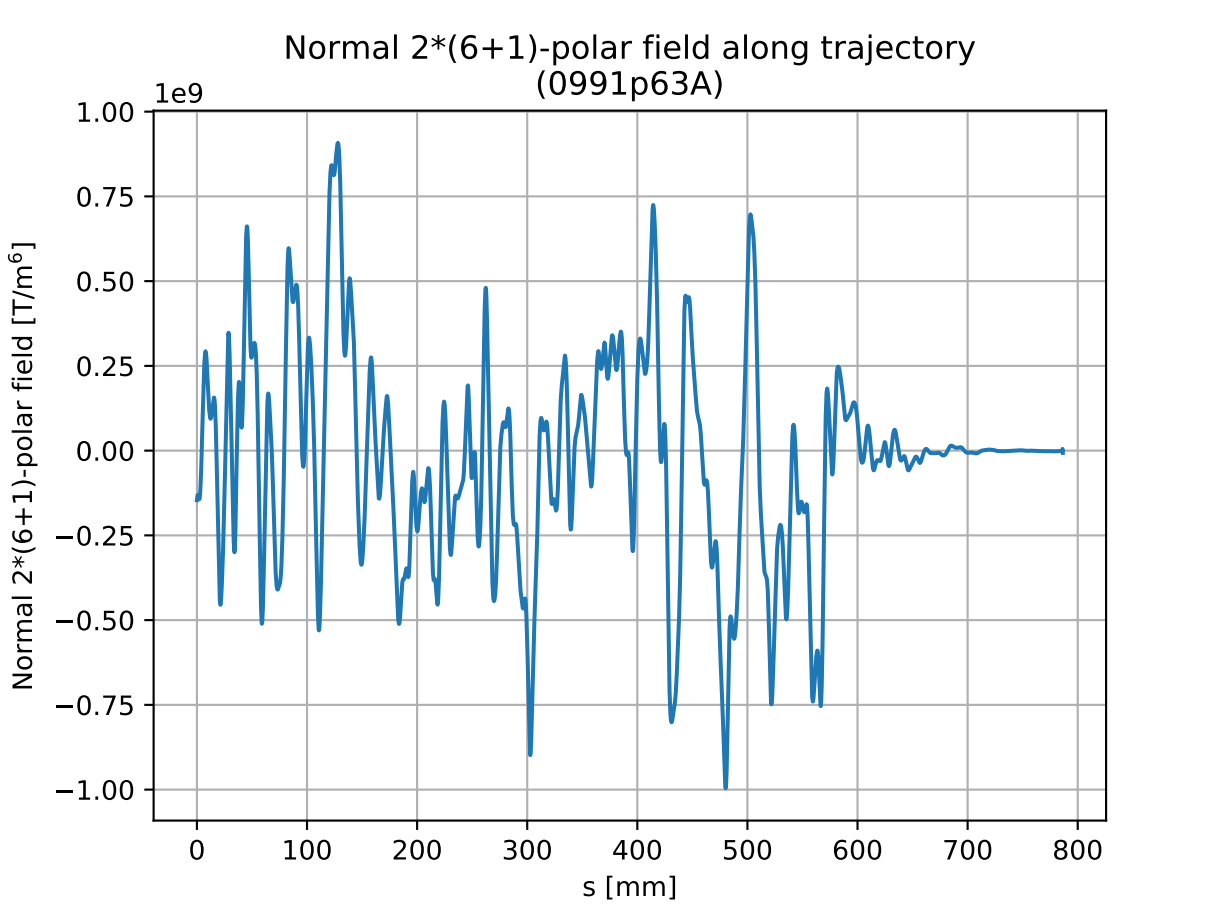

Normal quadrupolar field along trajectory
(0991p63A)
Normal quadrupolar field [T/m]
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500
600
700
800
s [mm]

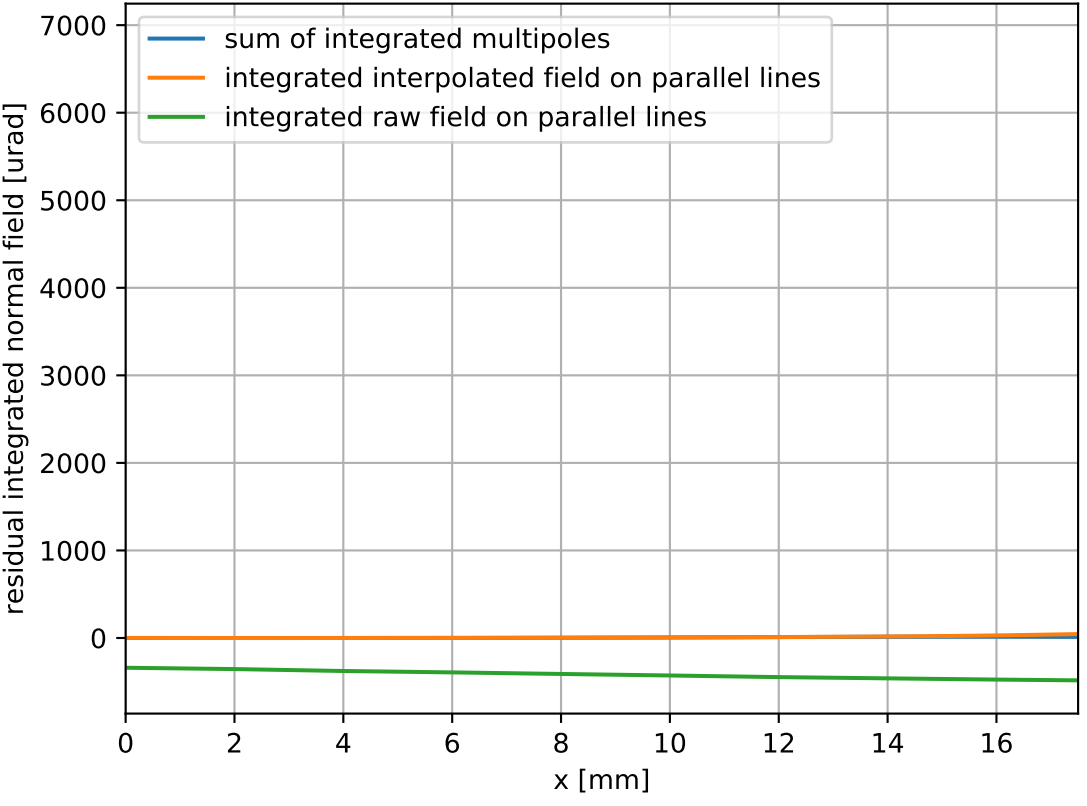

Normal sextupolar field along trajectory
(0991p63A)
Normal sextupolar field [T/m^2]
s [mm]
0
5
10
15
20
25
30
0
100
200
300
400
500
600
700
800


Normal octupolar field along trajectory
(0991p63A)
1e3
1.0
0.5
0.0
−0.5
−1.0
Normal octupolar field [T/m³]
0
100
200
300
400
500
600
700
800
s [mm]


Normal decapolar field along trajectory
(0991p63A)
1e5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
Normal decapolar field [T/m^4]
0
100
200
300
400
500
600
700
800
s [mm]


Normal duodecapolar field along trajectory
(0991p63A)
1e7
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
Normal duodecapolar field [T/m^5]
0
100
200
300
400
500
600
700
800
s [mm]


Normal 2*(6+1)-polar field along trajectory
(0991p63A)
1e9
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
Normal 2*(6+1)-polar field [T/m^6]
0
100
200
300
400
500
600
700
800
s [mm]


sum of integrated multipoles
integrated interpolated field on parallel lines
integrated raw field on parallel lines
residual integrated normal field [urad]
7000
6000
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16
x [mm]