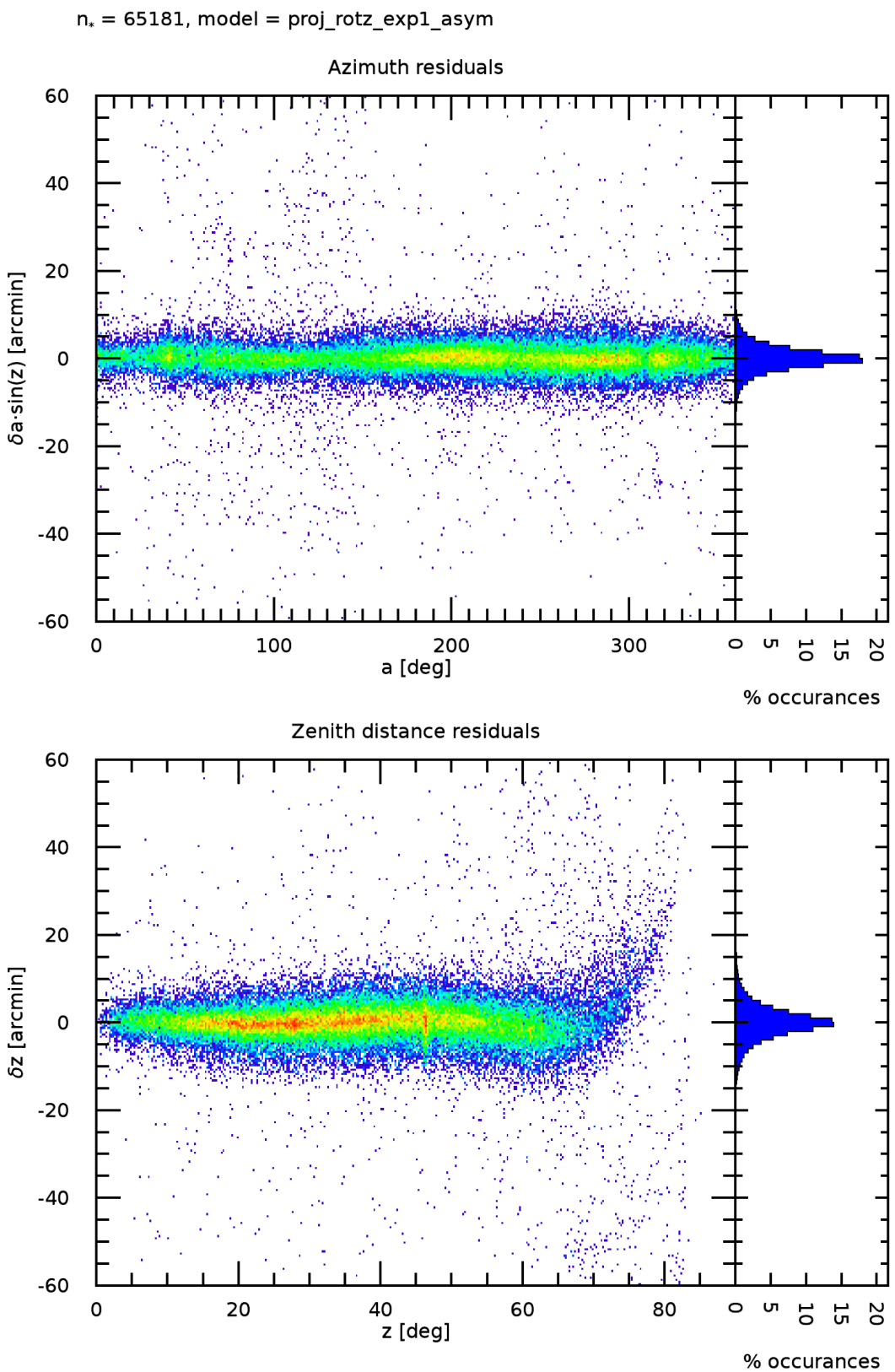
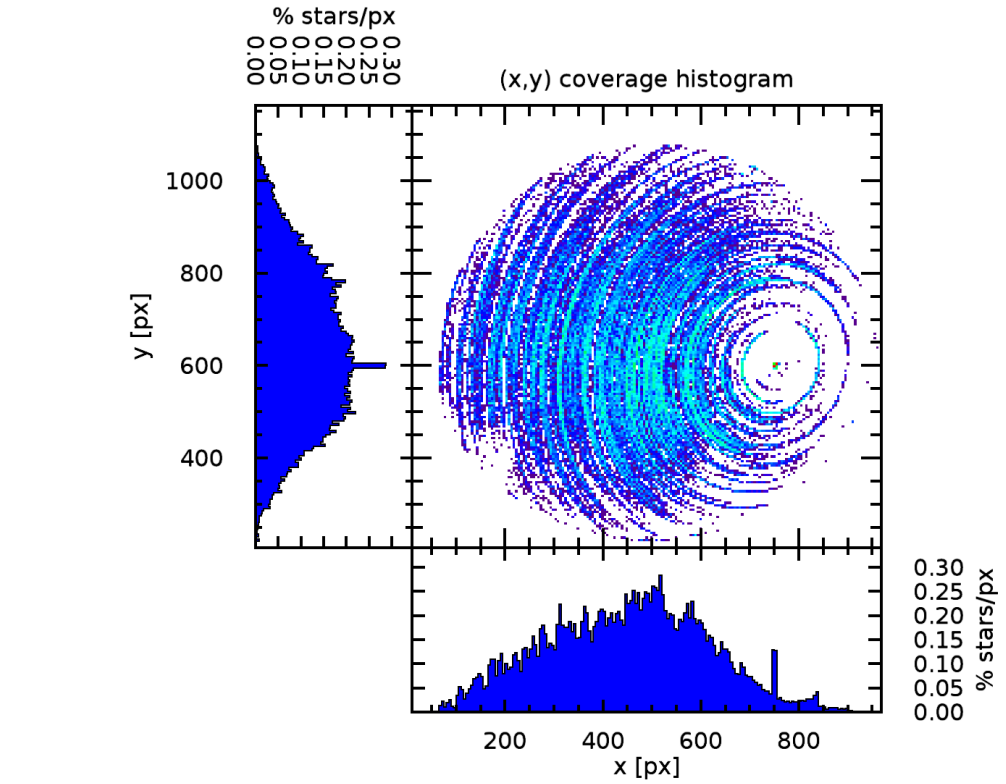
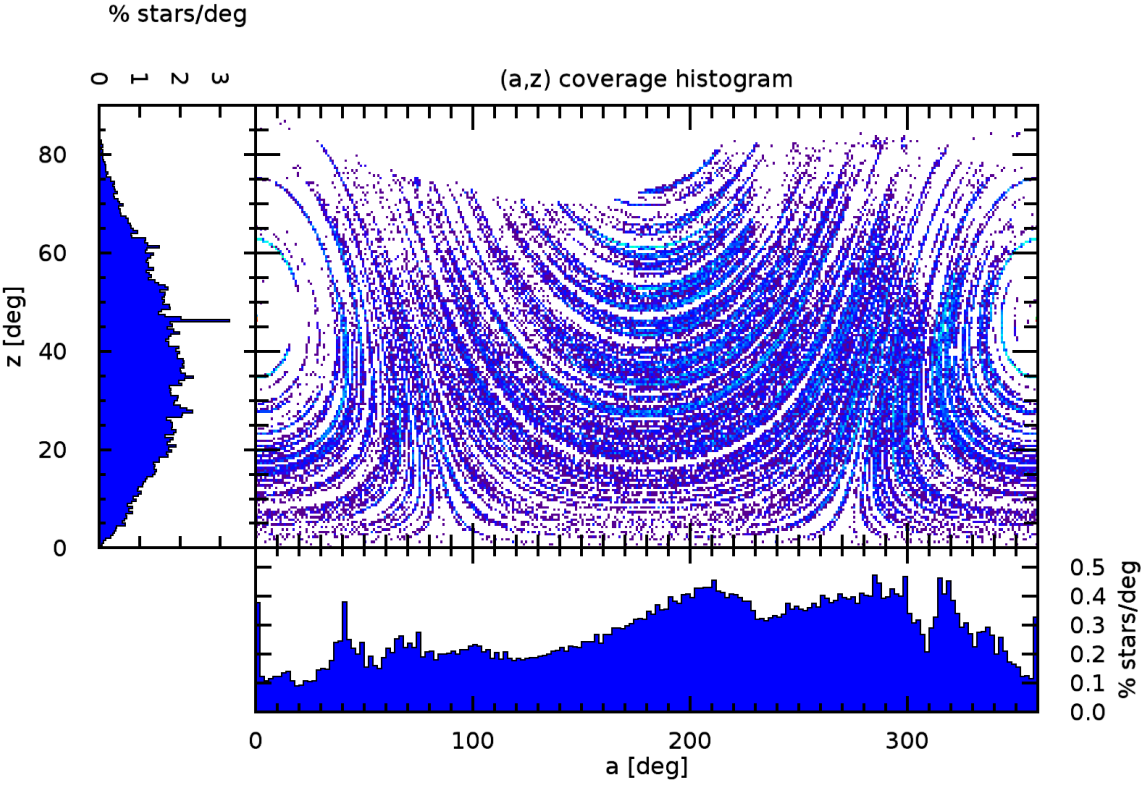
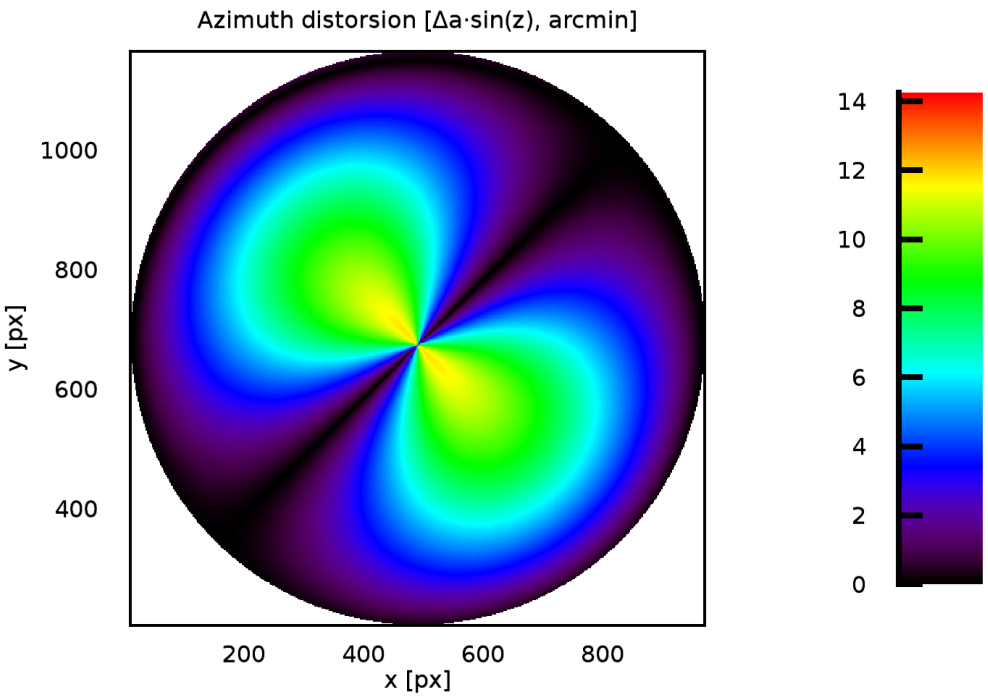
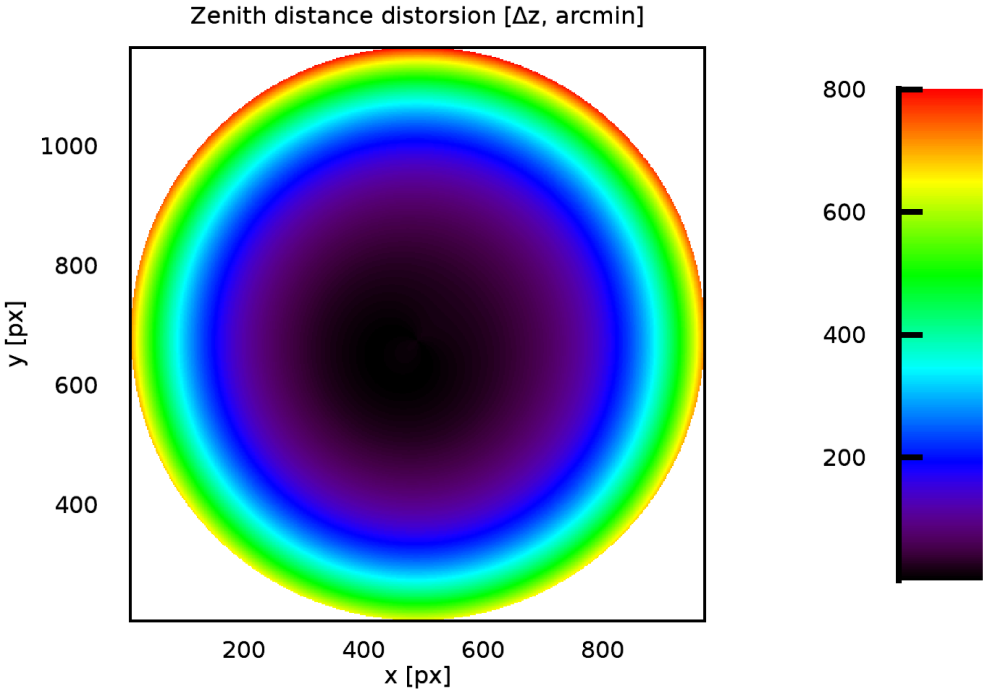
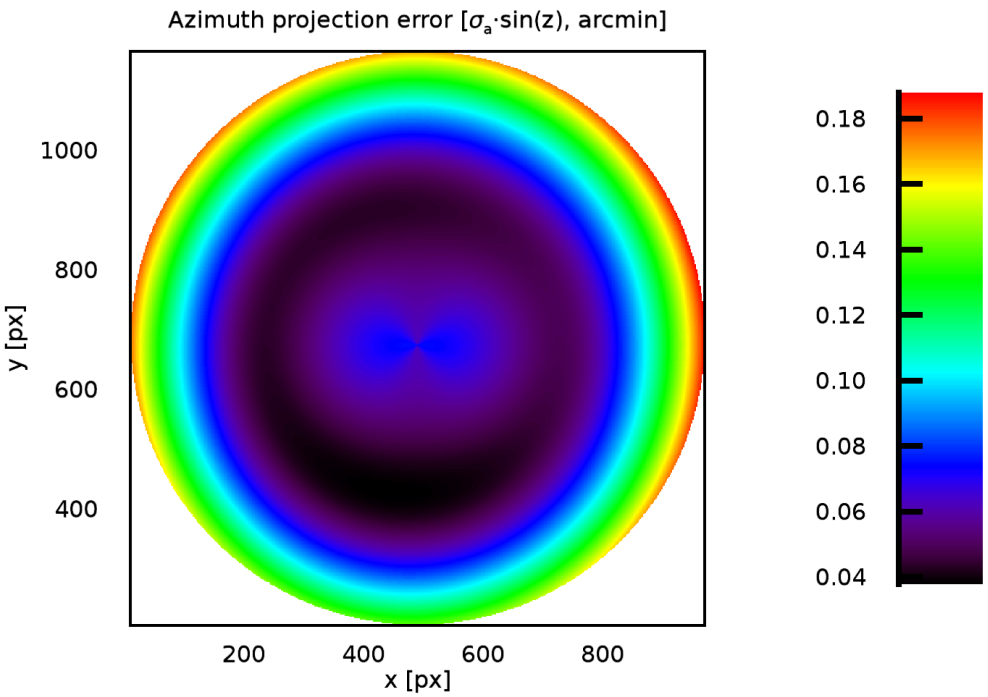

n* = 65181, model = proj_rotz_exp1_asym
Azimuth residuals
δa·sin(z) [arcmin]
a [deg]
% occurances
Zenith distance residuals
δz [arcmin]
z [deg]
% occurances

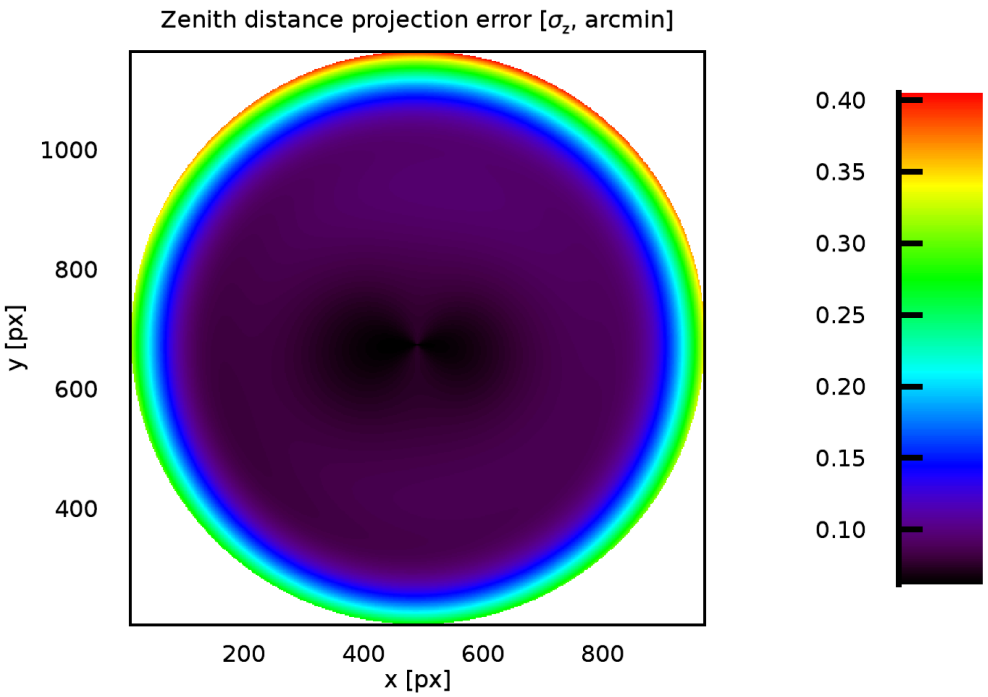

% stars/px
0.00
0.05
0.10
0.15
0.20
0.25
0.30
(x,y) coverage histogram
1000
800
600
400
y [px]
200
400
600
800
x [px]
0.30
0.25
0.20
0.15
0.10
0.05
0.00
% stars/px

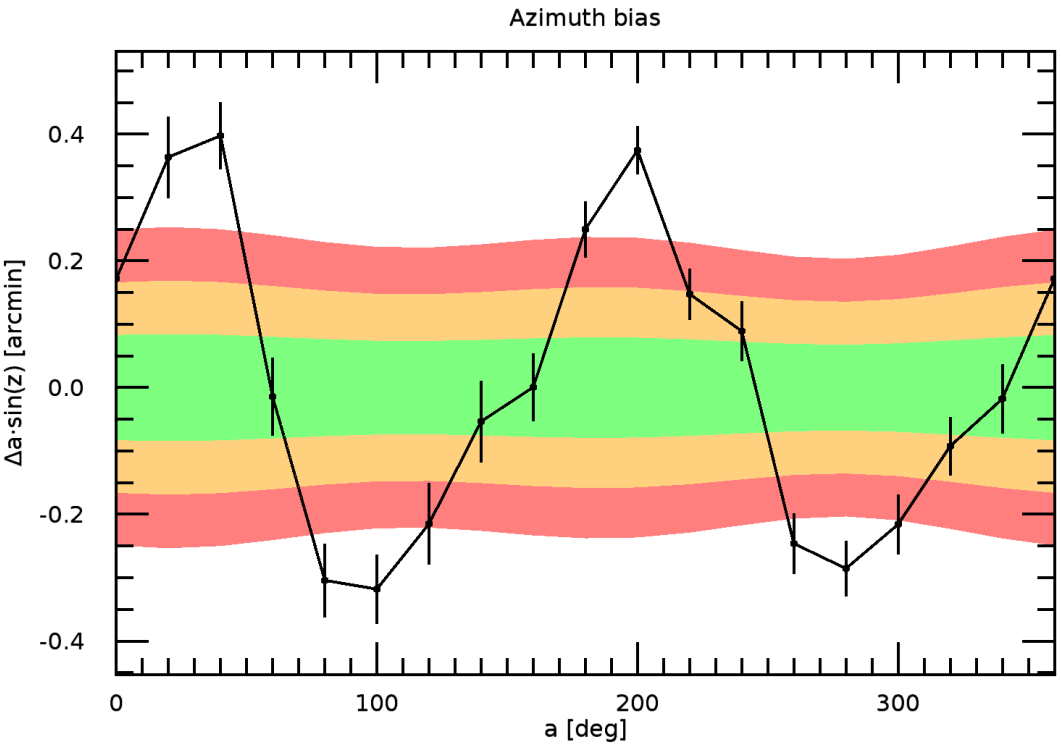

% stars/deg
0
1
2
3
(a,z) coverage histogram
80
60
40
20
0
z [deg]
0
100
200
300
a [deg]
0.5
0.4
0.3
0.2
0.1
0.0
% stars/deg

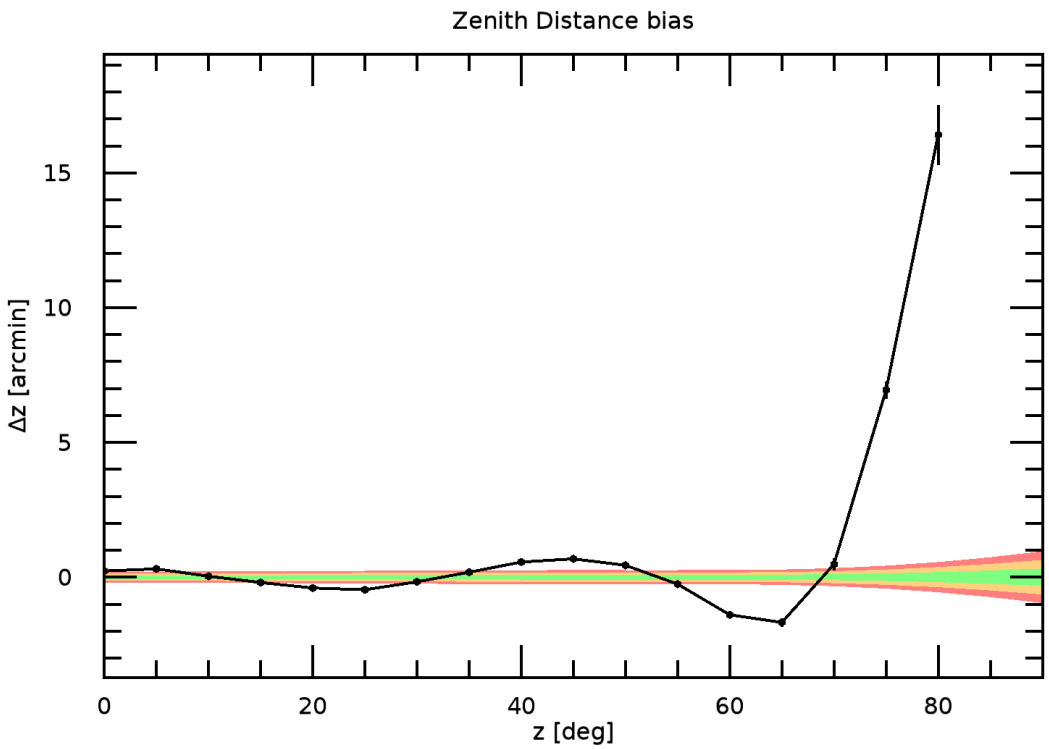

Azimuth distorsion [Δa·sin(z), arcmin]
1000
800
600
400
y [px]
200
400
600
800
x [px]
14
12
10
8
6
4
2
0


Zenith distance distorsion [Δz, arcmin]
1000
800
600
400
y [px]
200
400
600
800
x [px]
800
600
400
200


Azimuth projection error [$\sigma_a \cdot \sin(z)$, arcmin]
y [px]
1000
800
600
400
200
400
600
800
x [px]
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04


Zenith distance projection error [σ_z, arcmin]
y [px]
1000
800
600
400
200
400
600
800
x [px]
0.40
0.35
0.30
0.25
0.20
0.15
0.10


Azimuth bias
0.4
0.2
0.0
-0.2
-0.4
Δa·sin(z) [arcmin]
0
100
200
300
a [deg]


Zenith Distance bias
15
10
5
0
Δz [arcmin]
0
20
40
60
80
z [deg]