n, = 184535, model = proj_rotz_exp1_asym

Azimuth residuals

Zenith distance residuals

% stars/px

0.00 0.05 0.10 0.15 0.20 0.25

(x,y) coverage histogram

y [px]

1000

800

600

400

200

% stars/px

0.25
0.20
0.15
0.10
0.05
0.00

x [px]

200 400 600 800 1000

% stars/deg

0.0 0.5 1.0 1.5 2.0 2.5 3.0

(a,z) coverage histogram

z [deg]

80

60

40

20

0

% stars/deg

0.4
0.3
0.2
0.1
0.0

a [deg]

0   100   200   300

Azimuth distorsion [$\Delta a \cdot \sin(z)$, arcmin]

Zenith distance distorsion [Δz, arcmin]

Azimuth projection error [$\sigma_a \cdot \sin(z)$, arcmin]

Zenith distance projection error [σ_z, arcmin]

Azimuth bias

Zenith Distance bias