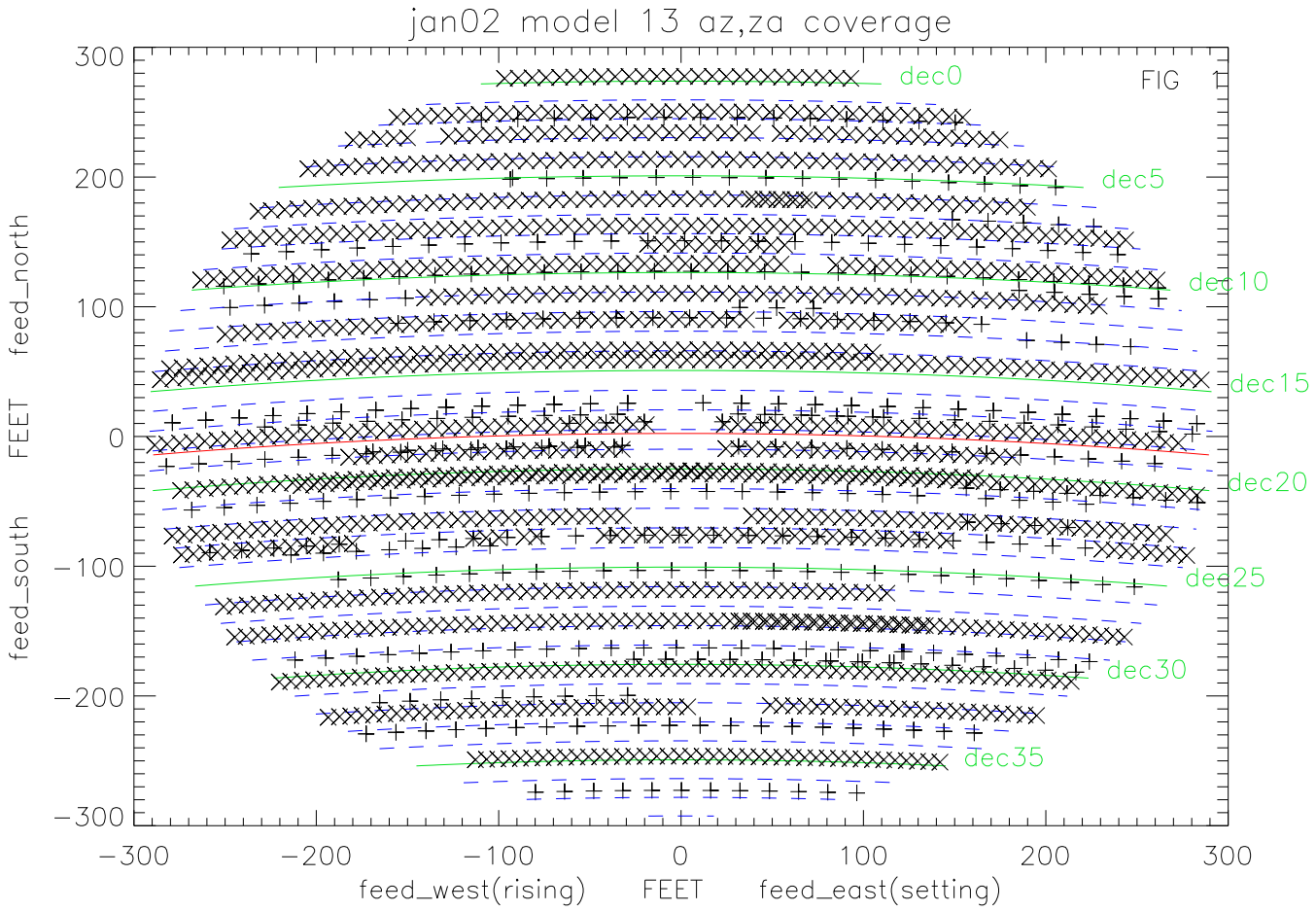
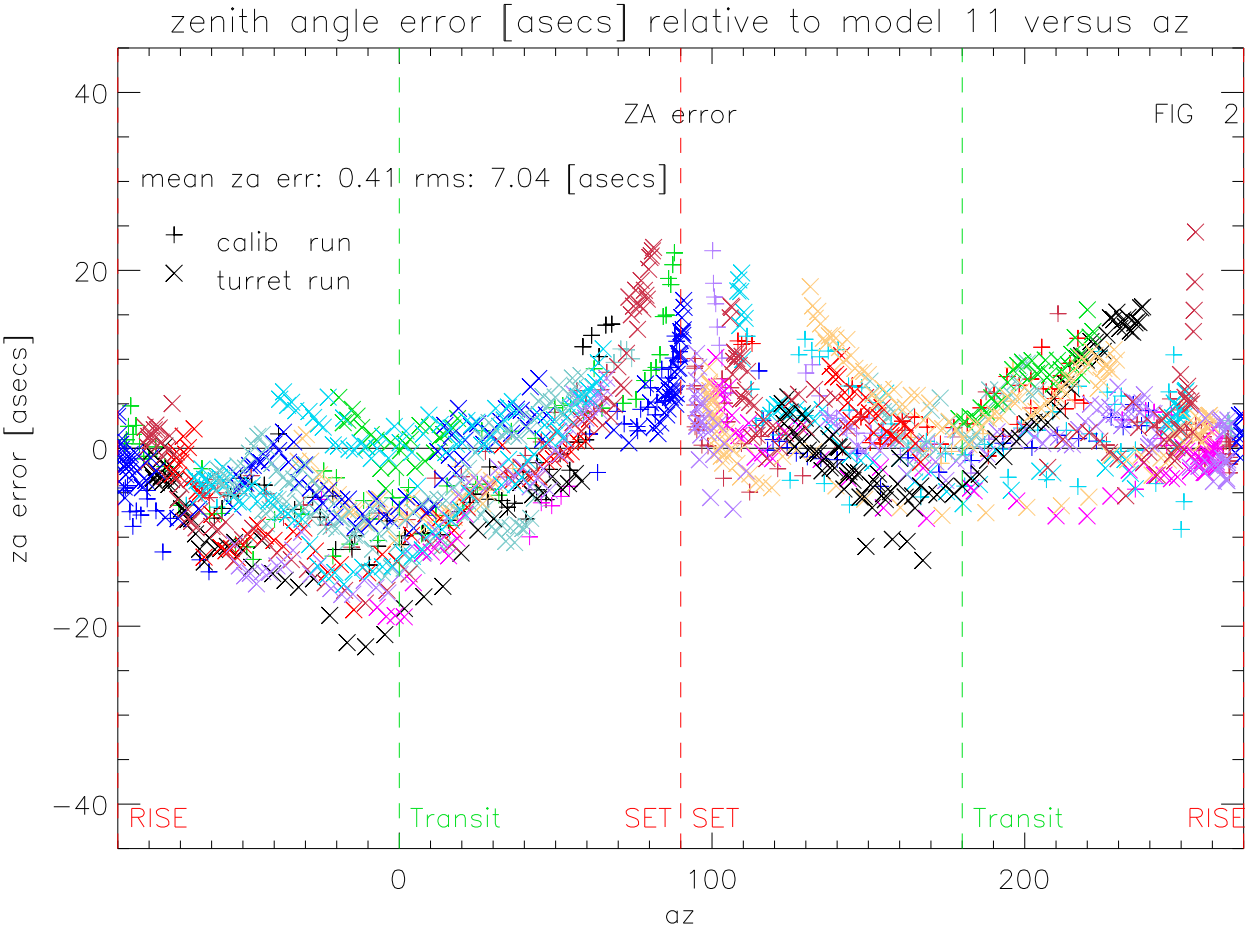
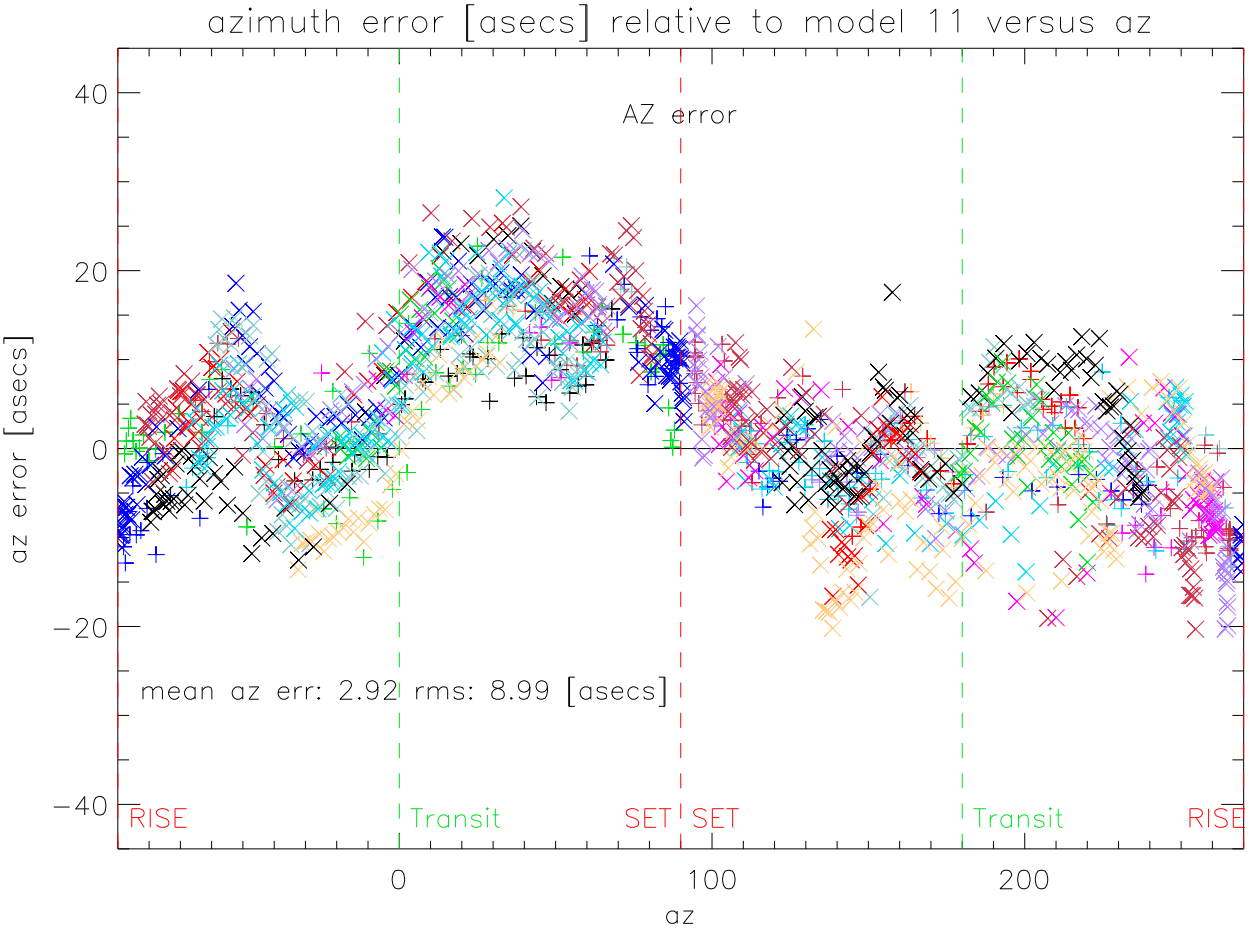

jan02 model 13 az,za coverage
FIG 1
dec0
dec5
dec10
dec15
dec20
dec25
dec30
dec35
300
200
100
0
−100
−200
−300
feed_north
FEET
feed_south
−300
−200
−100
0
100
200
300
feed_west(rising)
FEET
feed_east(setting)
+ calib run
× turret run
number of points:1771

J1941+104
B0134+329
B0518+165
B1618+177
J1845+098
B0340+048
B2328+107
B2345+184
B2230+114
B2018+295
B2209+080
B2337+220
B2210+016
B2041+170
B2249+185
B1622+238
B1829+290
B1857+129
J2052+365
B0428+205
B2128+048
B0231+313
B1345+125
B1328+254
B1615+212
J2148+069
J0042+233
J2316+040
J0108+015
J0130+261
J0141+138
J0321+123
J0442−002
J0502+061
J0725+144
J0854+201
J1041+027
J1215+348
J1520+202
J0242+110
J0519+277
J0624+320
J0119+321
J0738+177
J2340+223
J0119+084
J0256+094
J0532+075
J0804+302
J2035+189



J1941+104
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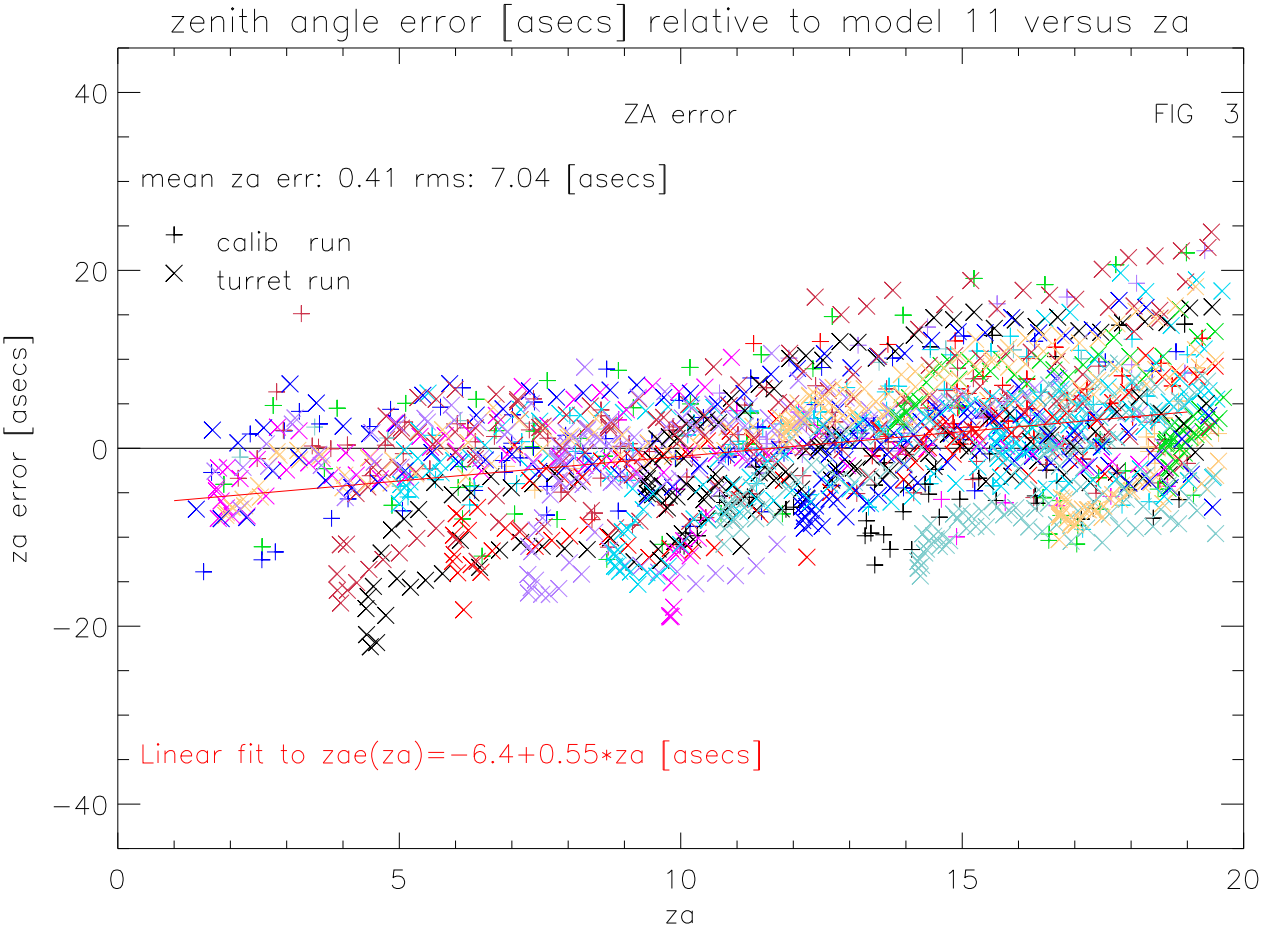
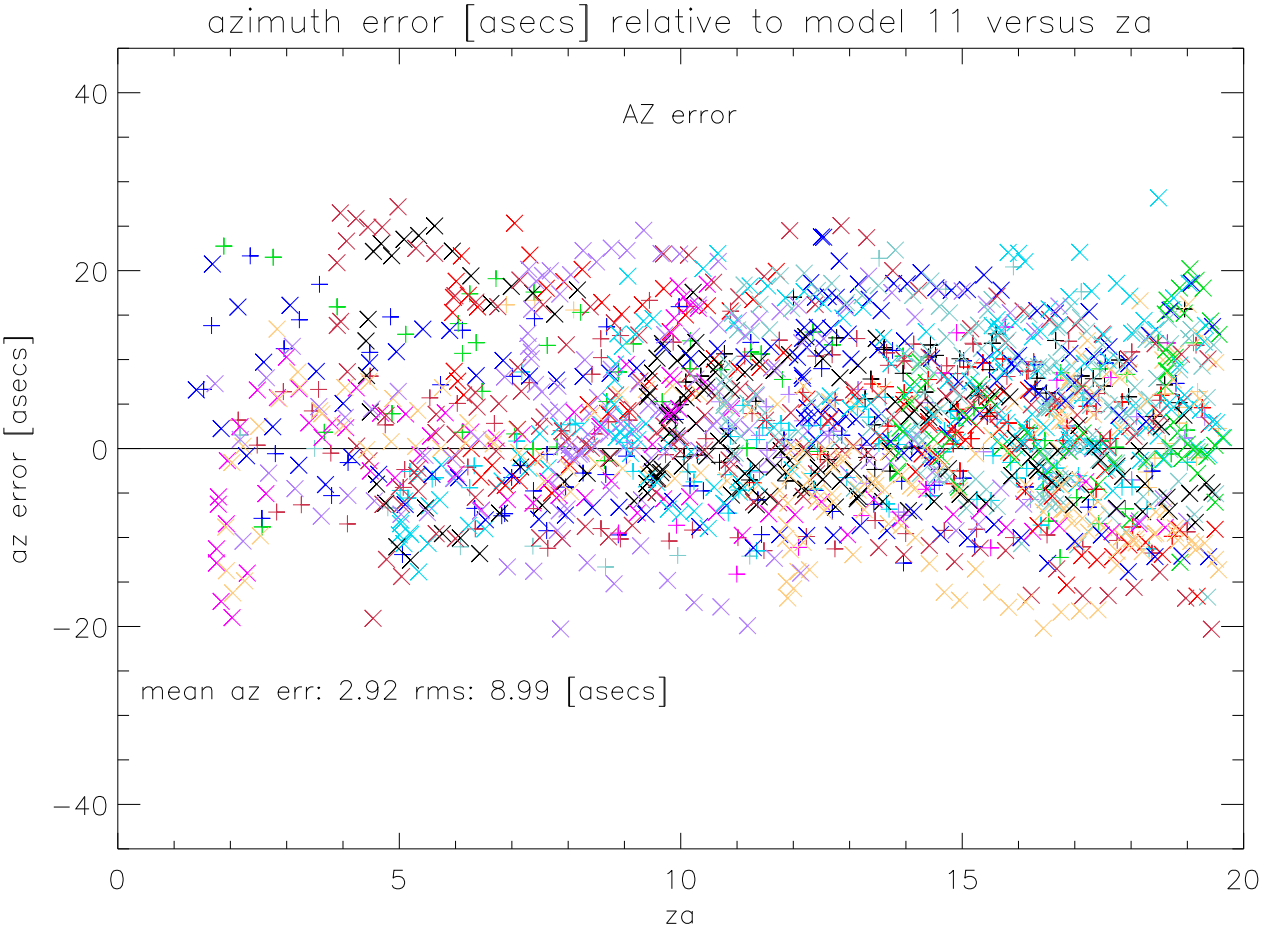
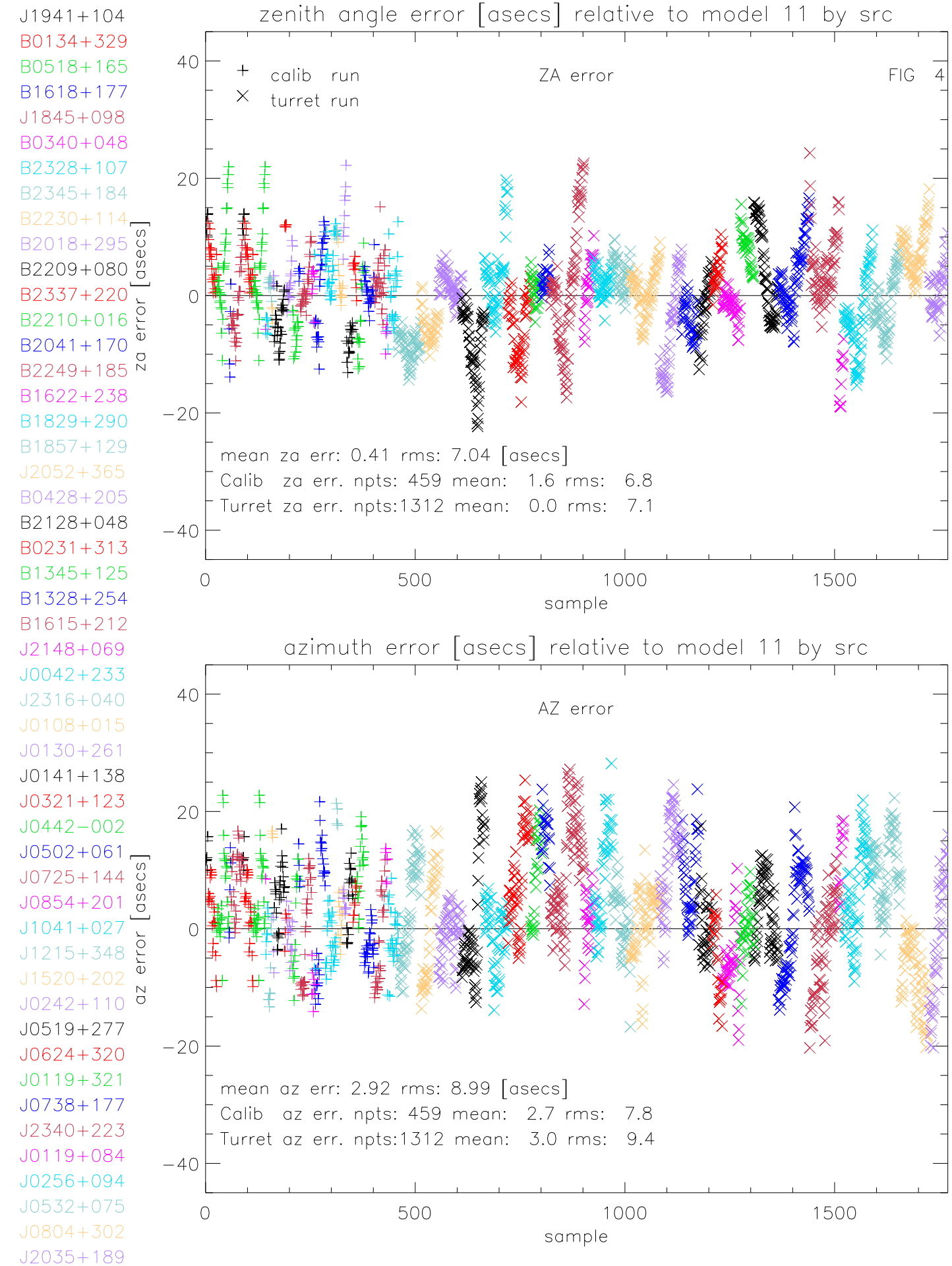
J0624+320
J0119+321
J0738+177
J2340+223
J0119+084
J0256+094
J0532+075
J0804+302
J2035+189




J1941+104
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J0321+123
J0442−002
J0502+061
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J0854+201
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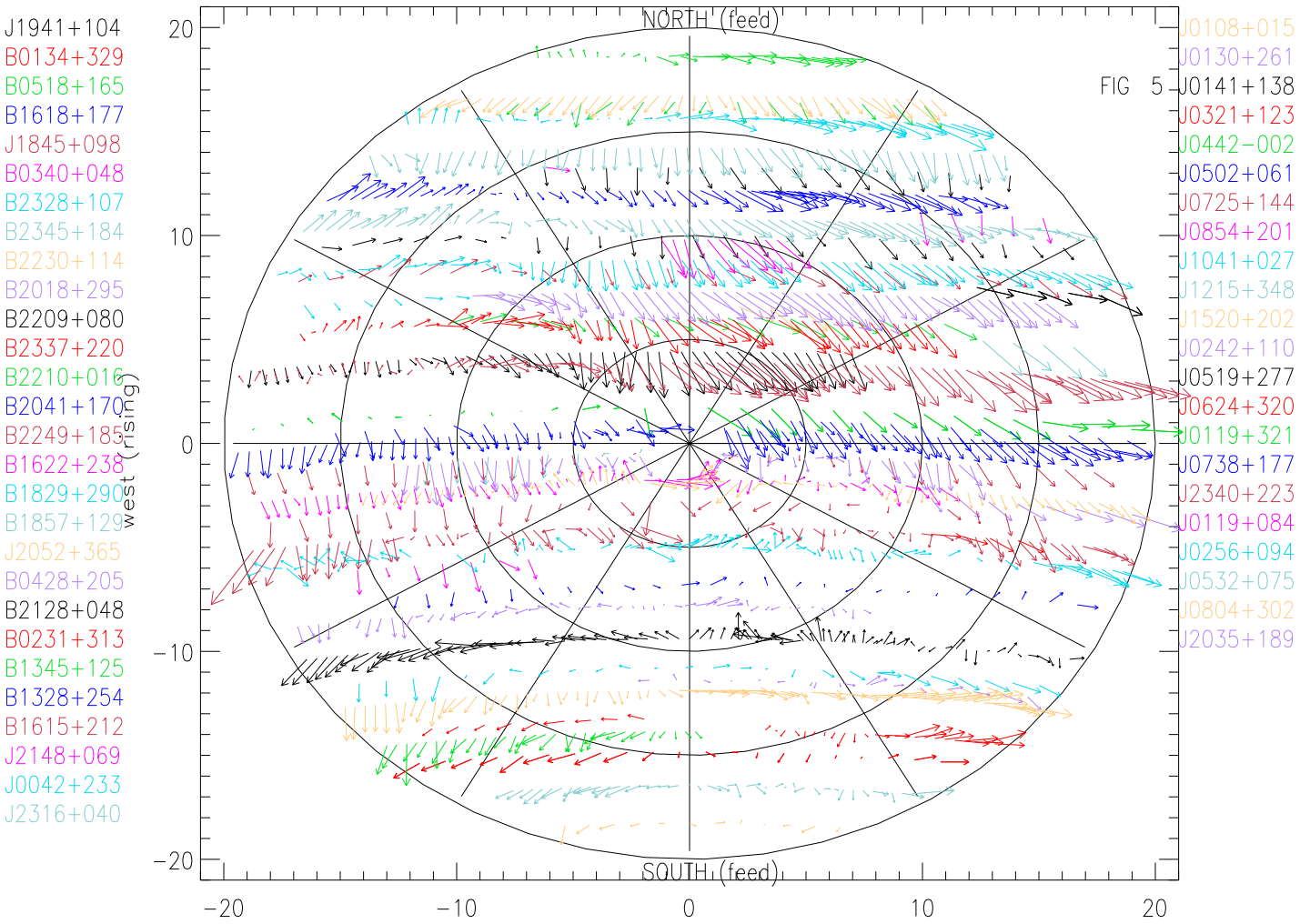
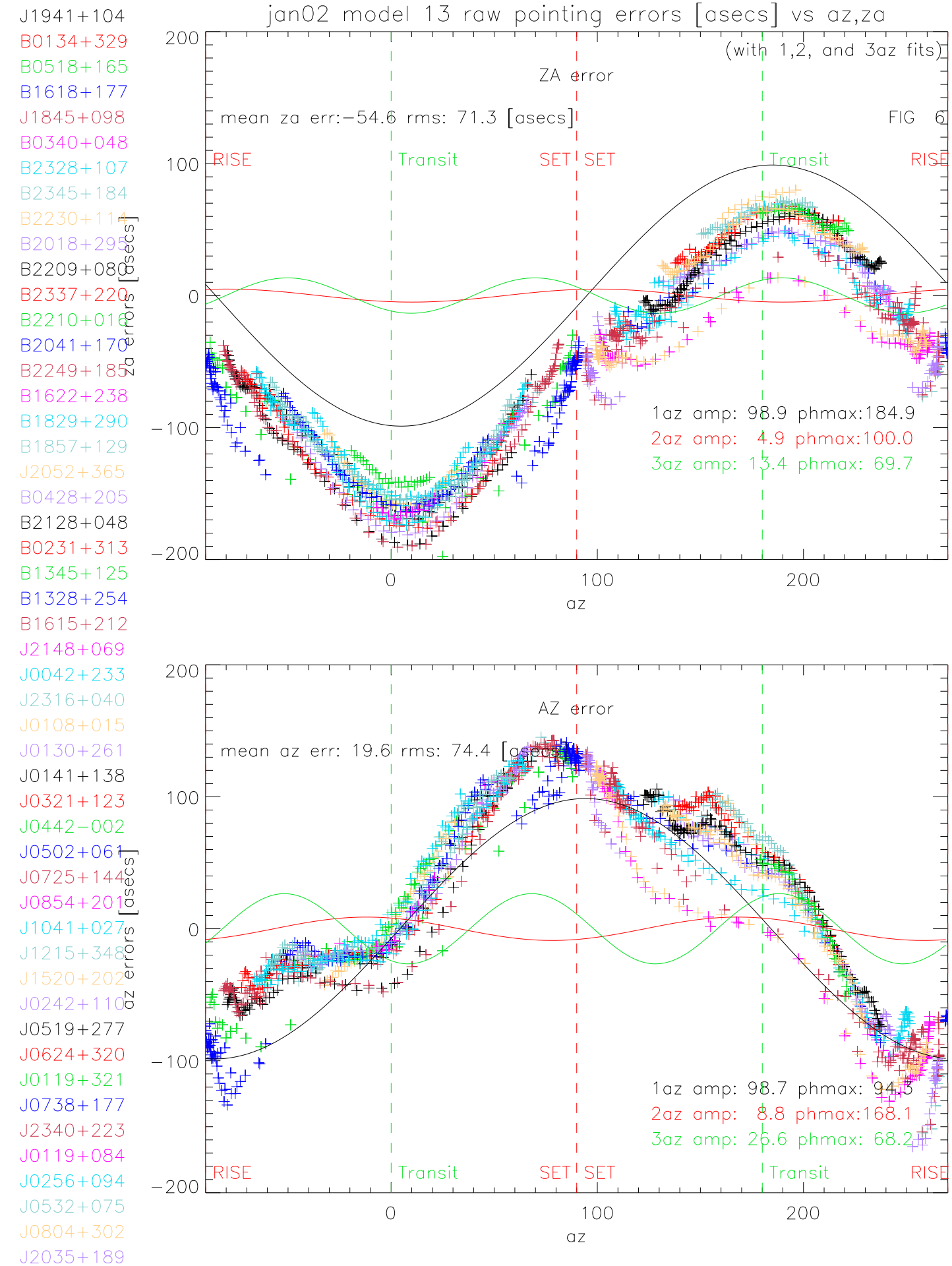
J1215+348
J1520+202
J0242+110
J0519+277
J0624+320
J0119+321
J0738+177
J2340+223
J0119+084
J0256+094
J0532+075
J0804+302
J2035+189
zenith angle error [asecs] relative to model 11 by src
ZA error
FIG 4
calib run
turret run
za error [asecs]
mean za err: 0.41 rms: 7.04 [asecs]
Calib za err. npts: 459 mean: 1.6 rms: 6.8
Turret za err. npts:1312 mean: 0.0 rms: 7.1
sample
azimuth error [asecs] relative to model 11 by src
AZ error
az error [asecs]
mean az err: 2.92 rms: 8.99 [asecs]
Calib az err. npts: 459 mean: 2.7 rms: 7.8
Turret az err. npts:1312 mean: 3.0 rms: 9.4
sample




jan02 pointing errors input to model 13 (relative to model 11) vs az,za
1 div=10.00asecs

errors each 5.0deg

| za | max | avg | rms |
|---|---|---|---|
| all | 31.7 | 10.3 | 5.8 |
| 5 | 28.6 | 11.4 | 7.3 |
| 10 | 25.3 | 10.1 | 6.0 |
| 15 | 29.2 | 9.8 | 5.4 |
| 20 | 31.7 | 10.6 | 5.5 |


J1941+104
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B0518+165
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J1845+098
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B2328+107
B2345+184
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J0141+138
J0321+123
J0442−002
J0502+061
J0725+144
J0854+201
J1041+027
J1215+348
J1520+202
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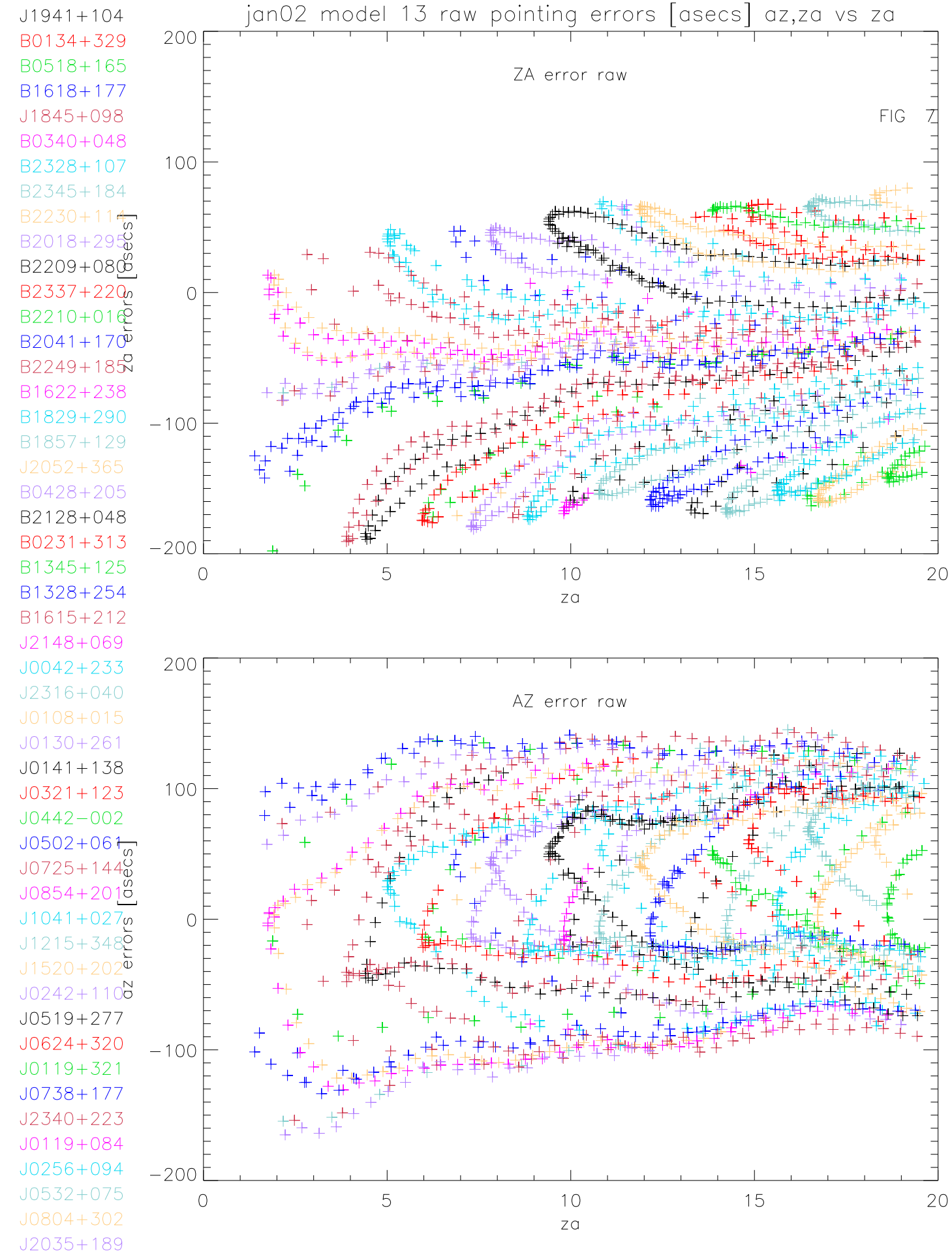
J0519+277
J0624+320
J0119+321
J0738+177
J2340+223
J0119+084
J0256+094
J0532+075
J0804+302
J2035+189
jan02 model 13 raw pointing errors [asecs] vs az,za
(with 1,2, and 3az fits)
ZA error
mean za err:−54.6 rms: 71.3 [asecs]
FIG 6
RISE
Transit
SET
SET
Transit
RISE
1az amp: 98.9 phmax:184.9
2az amp: 4.9 phmax:100.0
3az amp: 13.4 phmax: 69.7
za errors [asecs]
az
AZ error
mean az err: 19.6 rms: 74.4 [asecs]
1az amp: 98.7 phmax: 94.3
2az amp: 8.8 phmax:168.1
3az amp: 26.6 phmax: 68.2
az errors [asecs]
az


jan02 model 13 raw pointing errors [asecs] az,za vs za
ZA error raw
FIG 7
za errors [asecs]
za
AZ error raw
az errors [asecs]
za
J1941+104
B0134+329
B0518+165
B1618+177
J1845+098
B0340+048
B2328+107
B2345+184
B2230+114
B2018+295
B2209+080
B2337+220
B2210+016
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