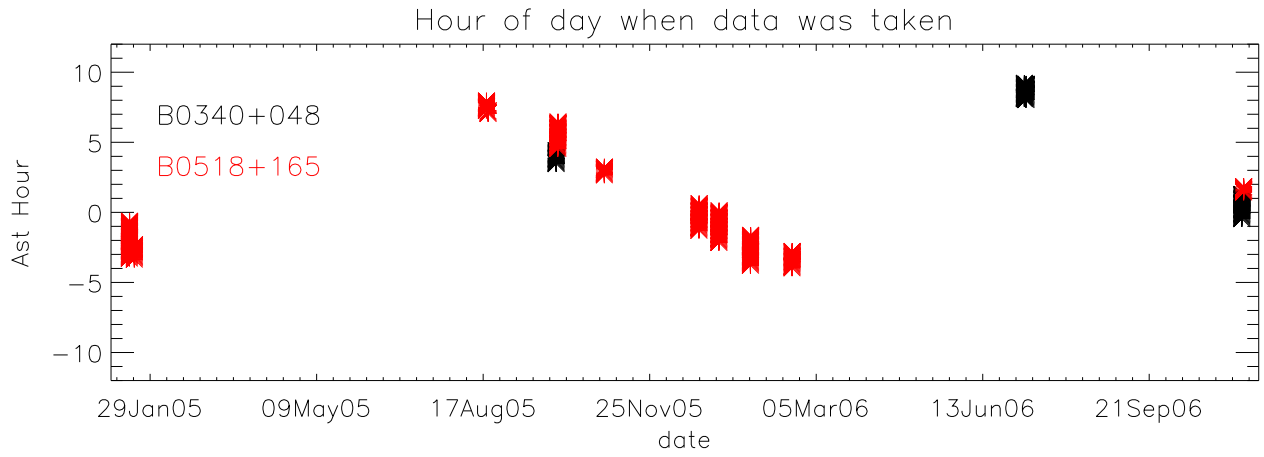
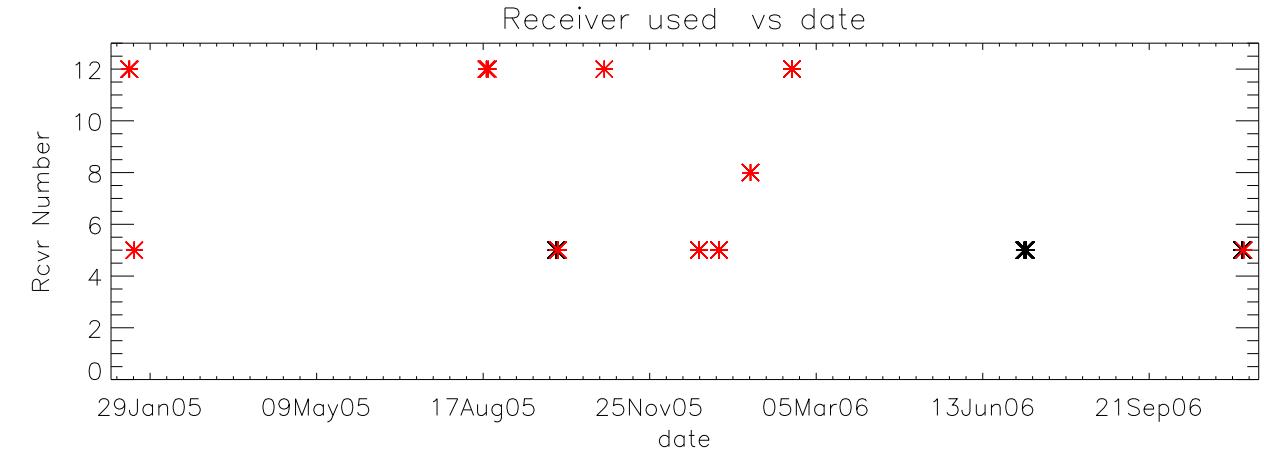
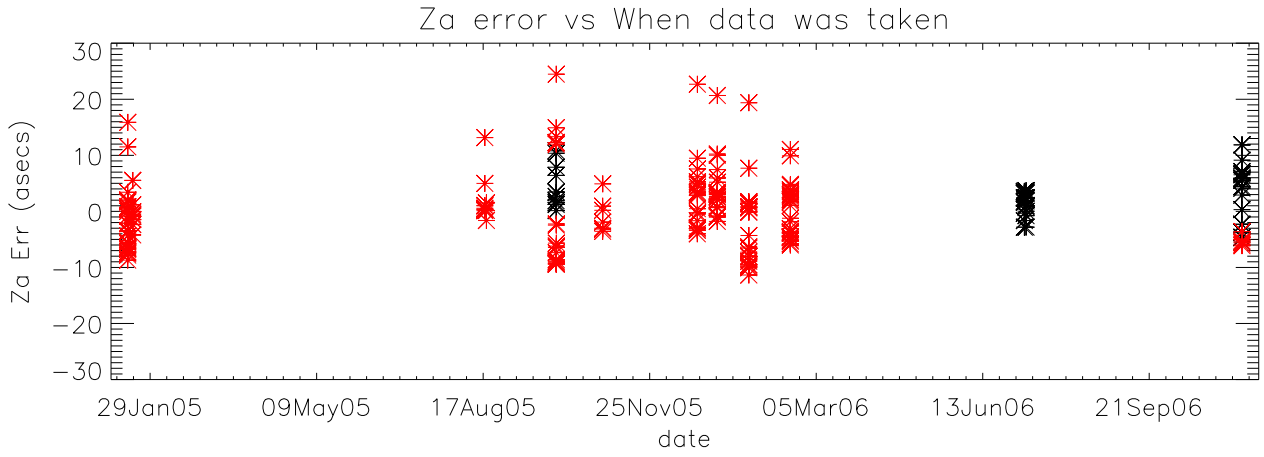
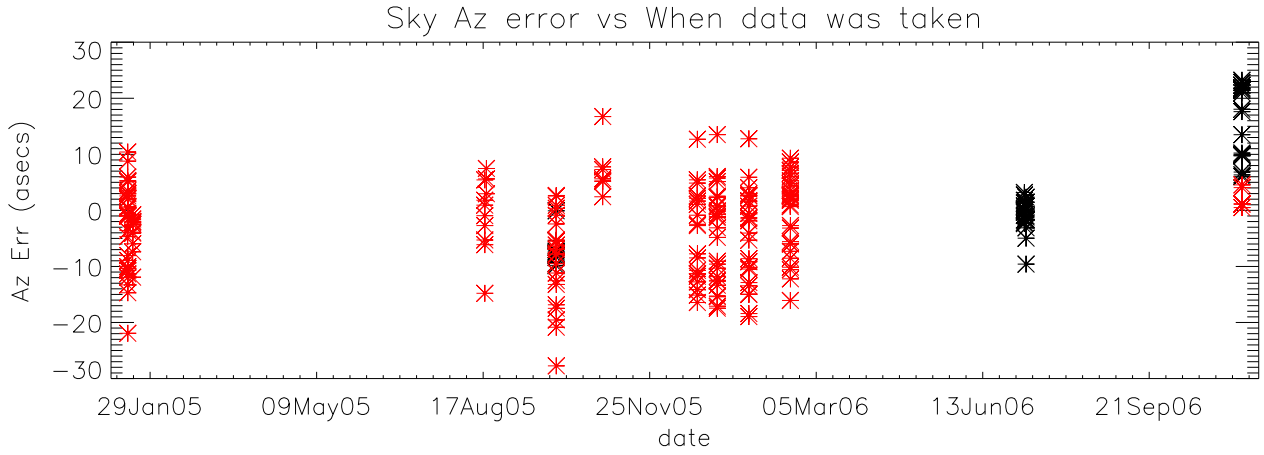
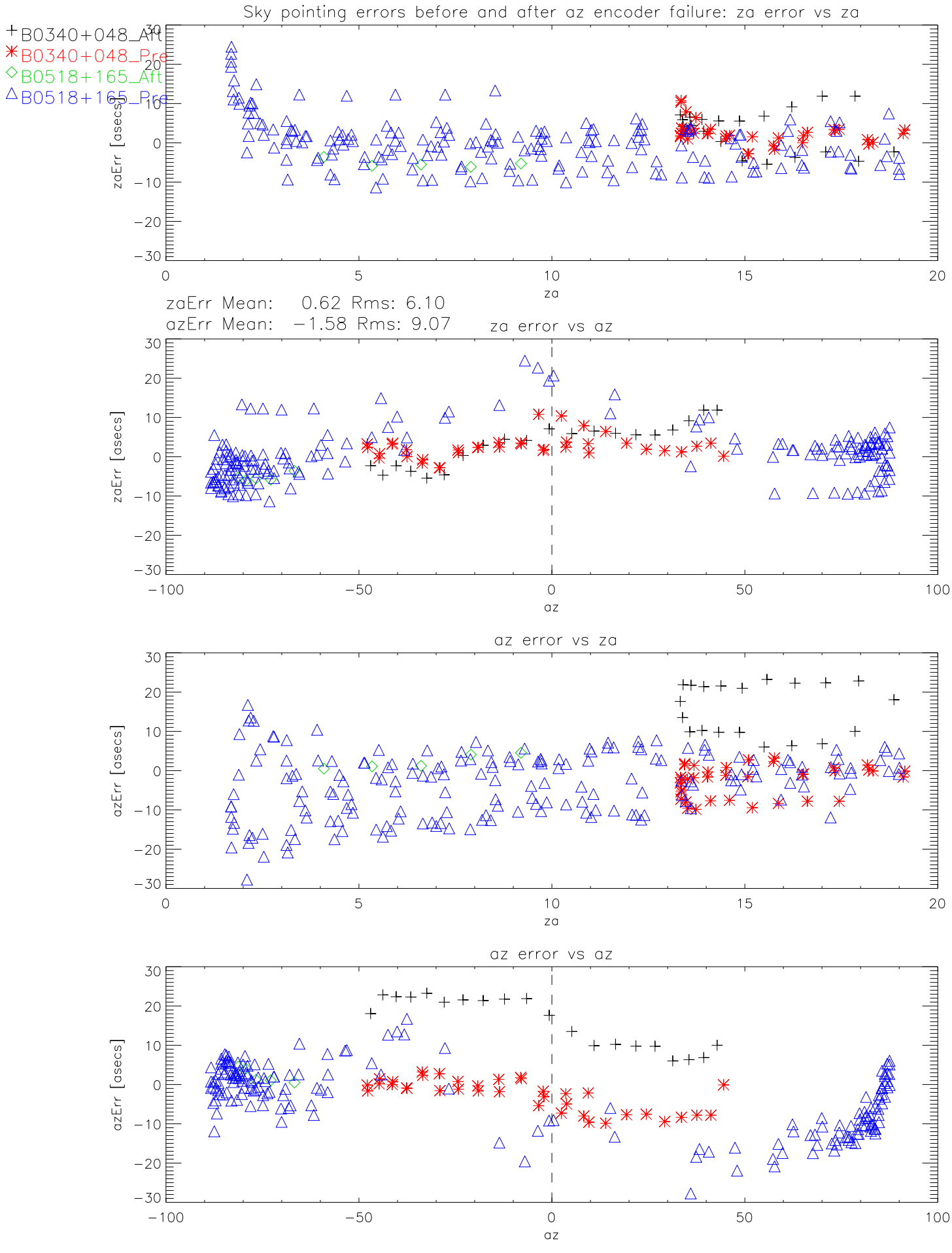
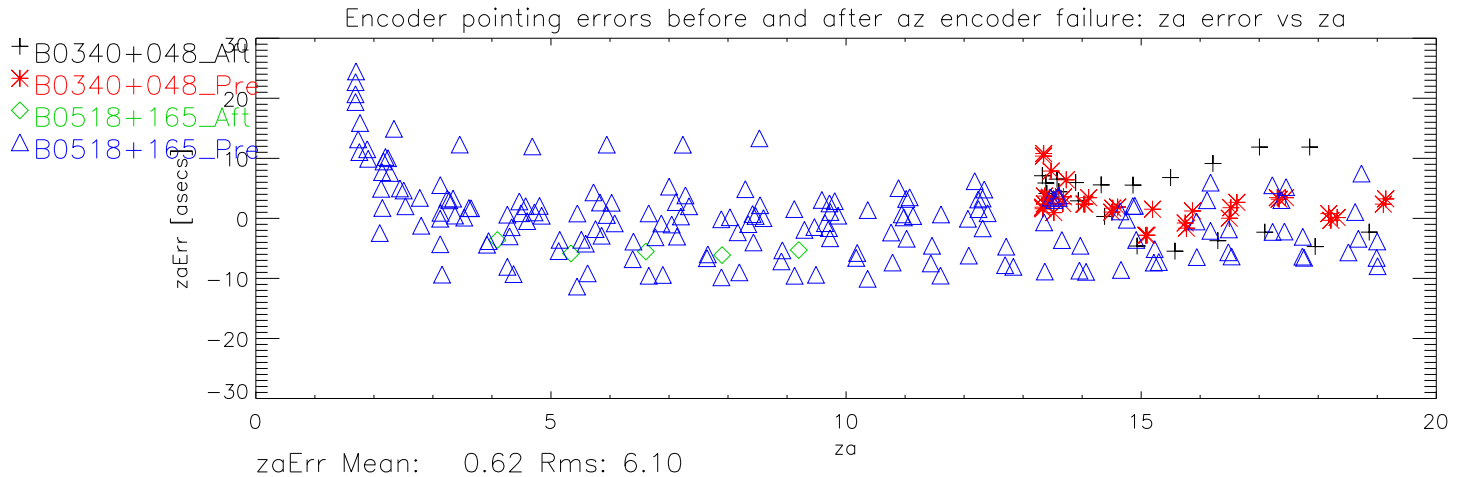

Hour of day when data was taken
B0340+048
B0518+165
Ast Hour
10
5
0
−5
−10
29Jan05
09May05
17Aug05
25Nov05
05Mar06
13Jun06
21Sep06
date

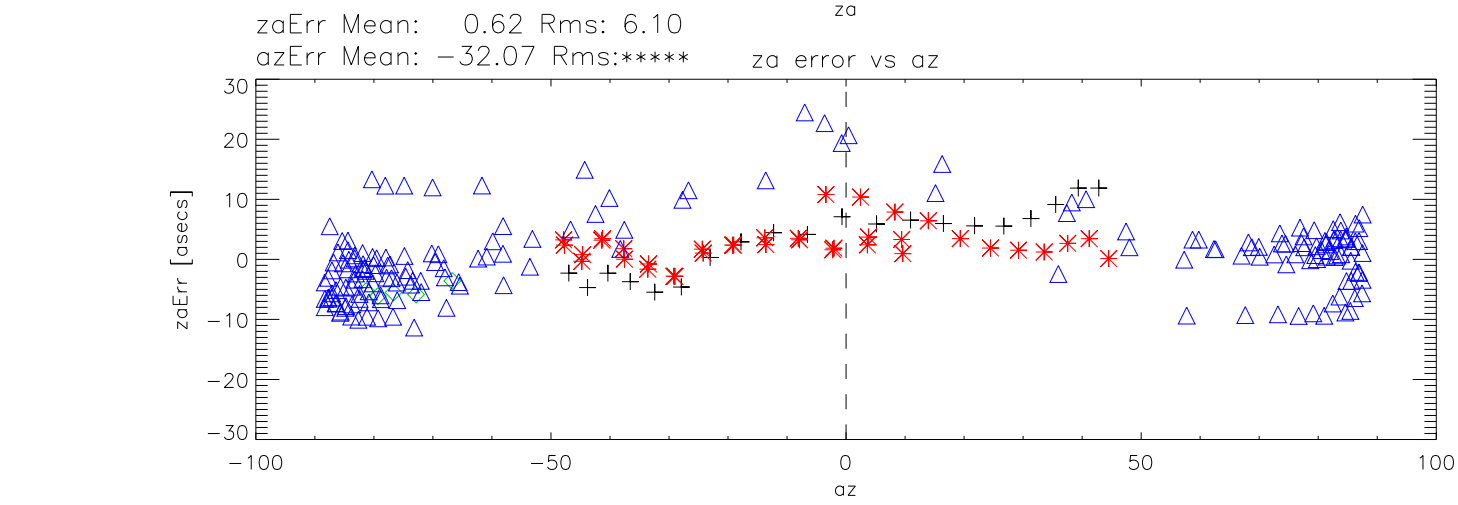

Receiver used vs date
Rcvr Number
12
10
8
6
4
2
0
29Jan05
09May05
17Aug05
25Nov05
05Mar06
13Jun06
21Sep06
date

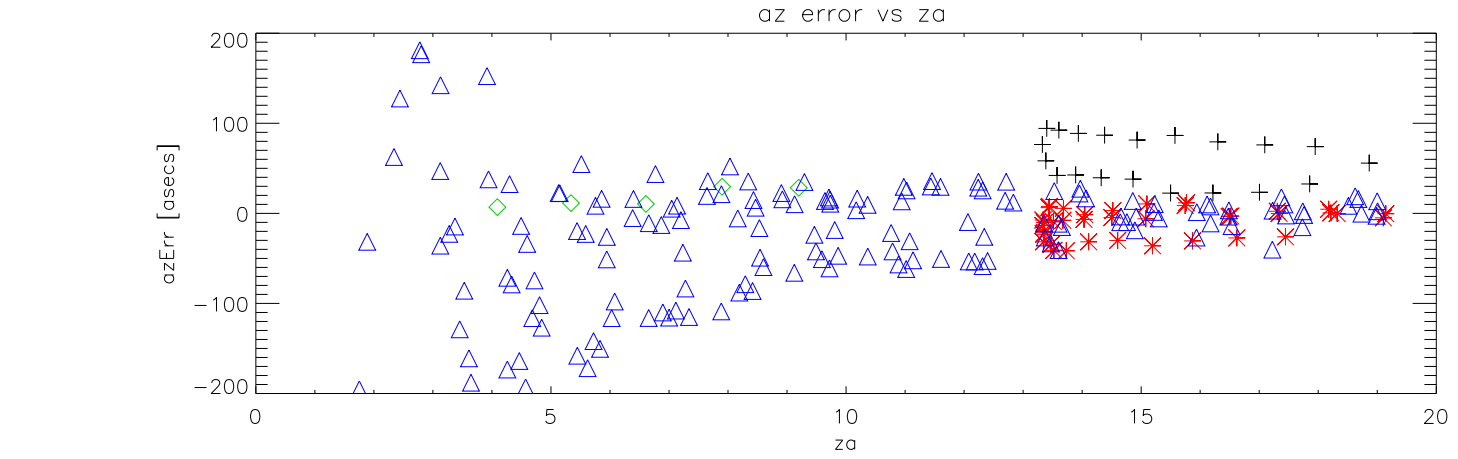

Za error vs When data was taken
Za Err (asecs)
30
20
10
0
−10
−20
−30
29Jan05
09May05
17Aug05
25Nov05
05Mar06
13Jun06
21Sep06
date

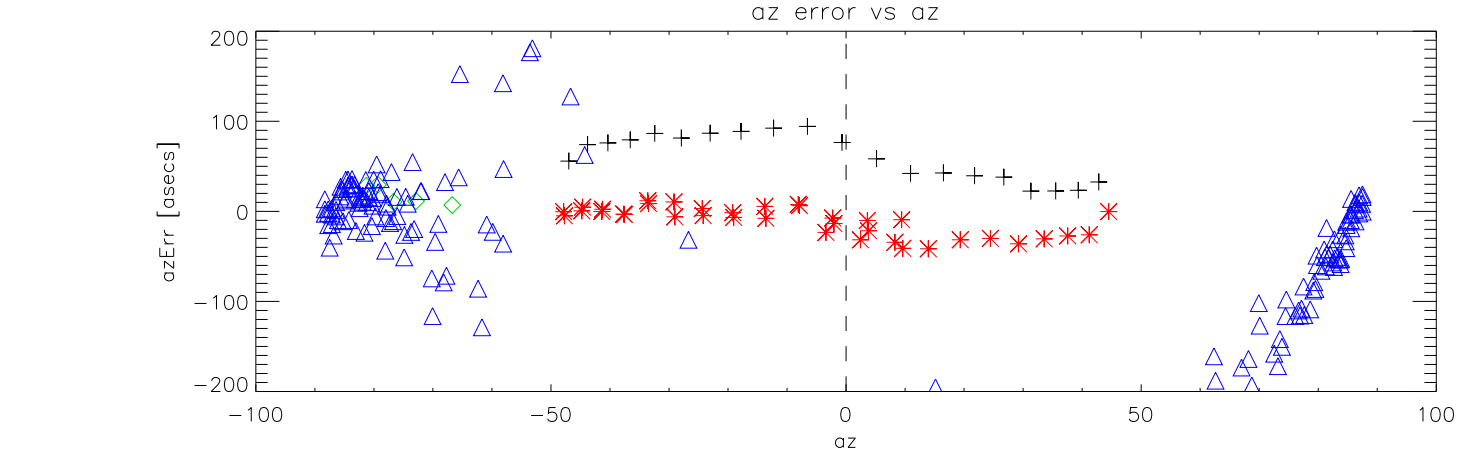

Sky Az error vs When data was taken
Az Err (asecs)
30
20
10
0
−10
−20
−30
29Jan05
09May05
17Aug05
25Nov05
05Mar06
13Jun06
21Sep06
date

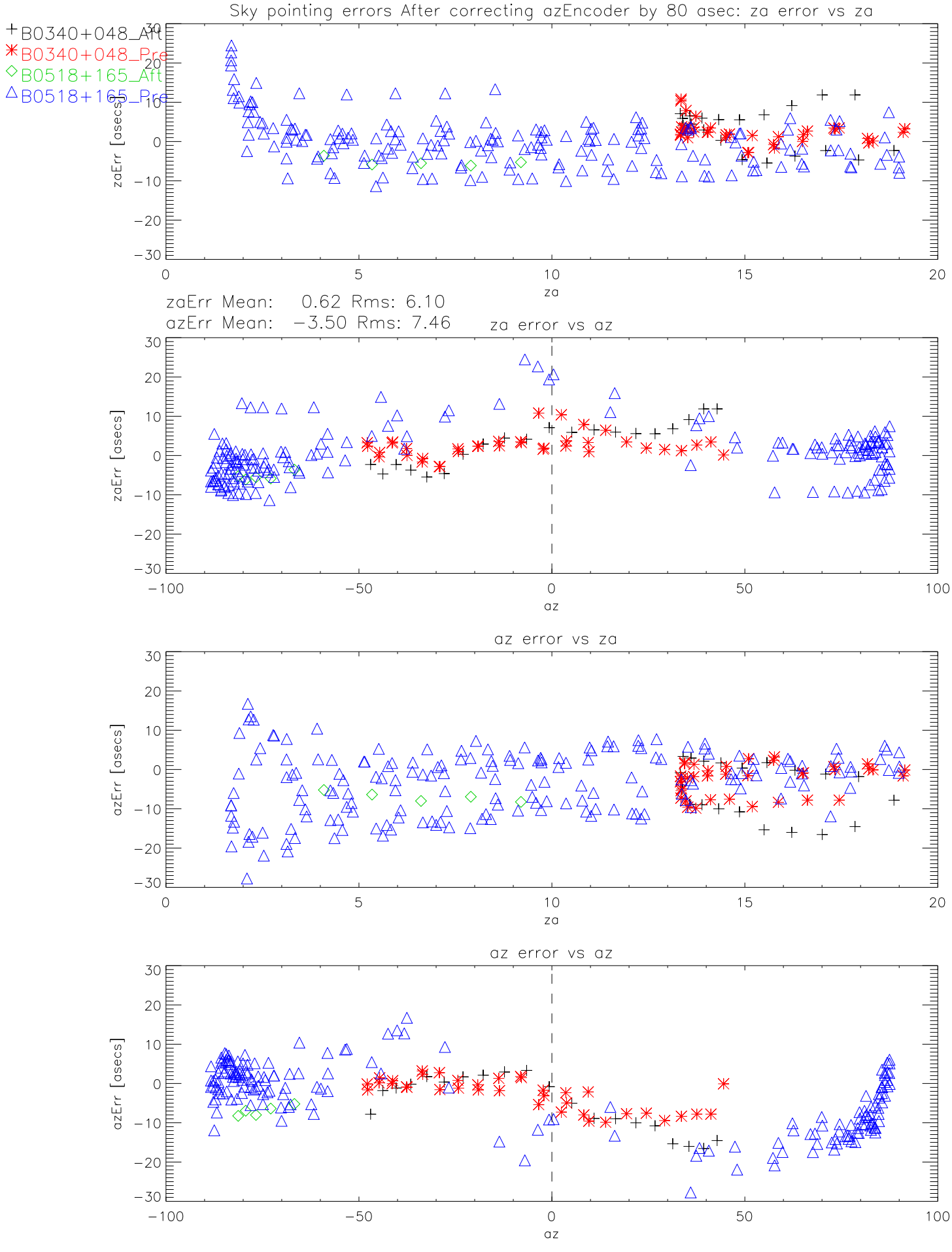

Sky pointing errors before and after az encoder failure: za error vs za
B0340+048_Aft
B0340+048_Pre
B0518+165_Aft
B0518+165_Pre
zaErr [asecs]
za
zaErr Mean: 0.62 Rms: 6.10
azErr Mean: −1.58 Rms: 9.07
za error vs az
az
az error vs za
azErr [asecs]
az error vs az

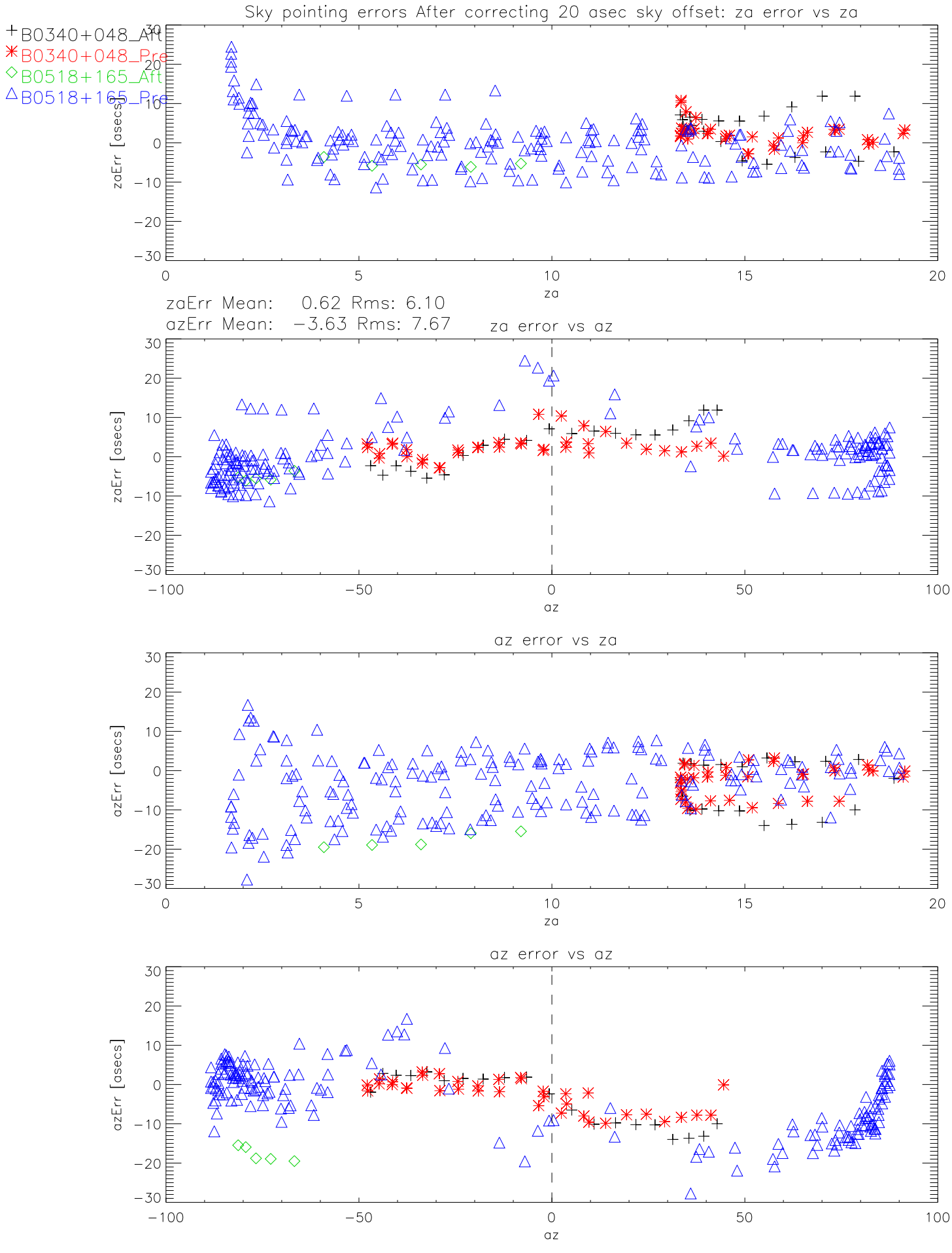

Encoder pointing errors before and after az encoder failure: za error vs za
B0340+048_Aft
B0340+048_Pre
B0518+165_Aft
B0518+165_Pre
zaErr [asecs]
za


zaErr Mean: 0.62 Rms: 6.10
azErr Mean: −32.07 Rms:*****
za error vs az
zaErr [asecs]
az


az error vs za
azErr [asecs]
za


az error vs az
azErr [asecs]
az


Sky pointing errors After correcting azEncoder by 80 asec: za error vs za
B0340+048_Aft
B0340+048_Pre
B0518+165_Aft
B0518+165_Pre
zaErr [asecs]
za
zaErr Mean: 0.62 Rms: 6.10
azErr Mean: −3.50 Rms: 7.46
za error vs az
azErr [asecs]
az
az error vs za
az error vs az


Sky pointing errors After correcting 20 asec sky offset: za error vs za
B0340+048_Aft
B0340+048_Pre
B0518+165_Aft
B0518+165_Pre
zaErr [asecs]
za
zaErr Mean: 0.62 Rms: 6.10
azErr Mean: −3.63 Rms: 7.67
za error vs az
az
az error vs za
azErr [asecs]
az error vs az