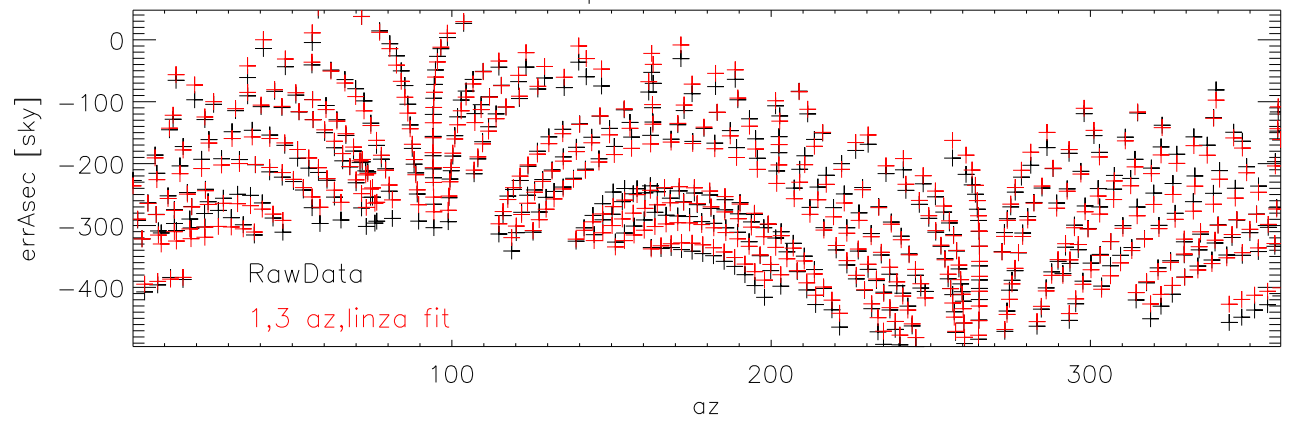
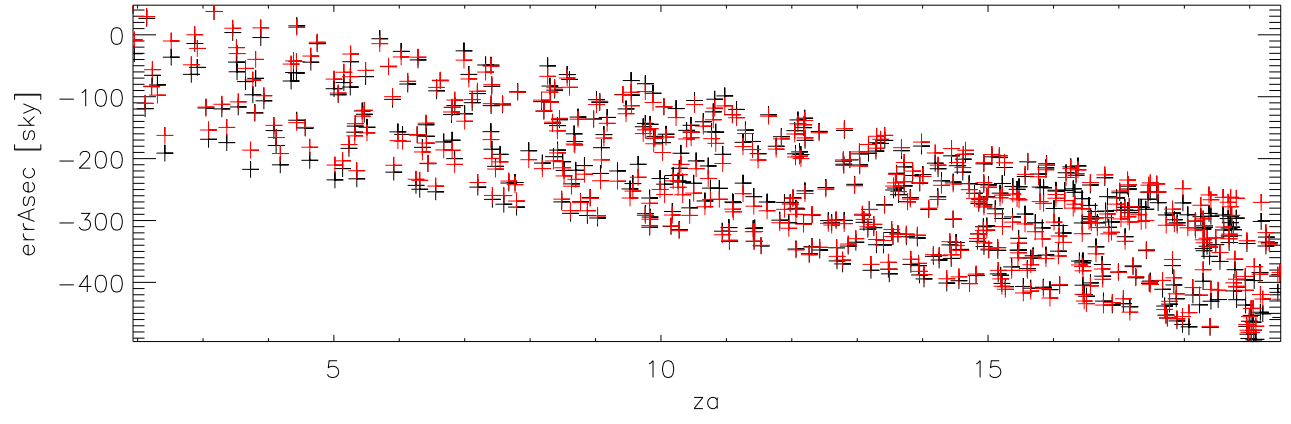


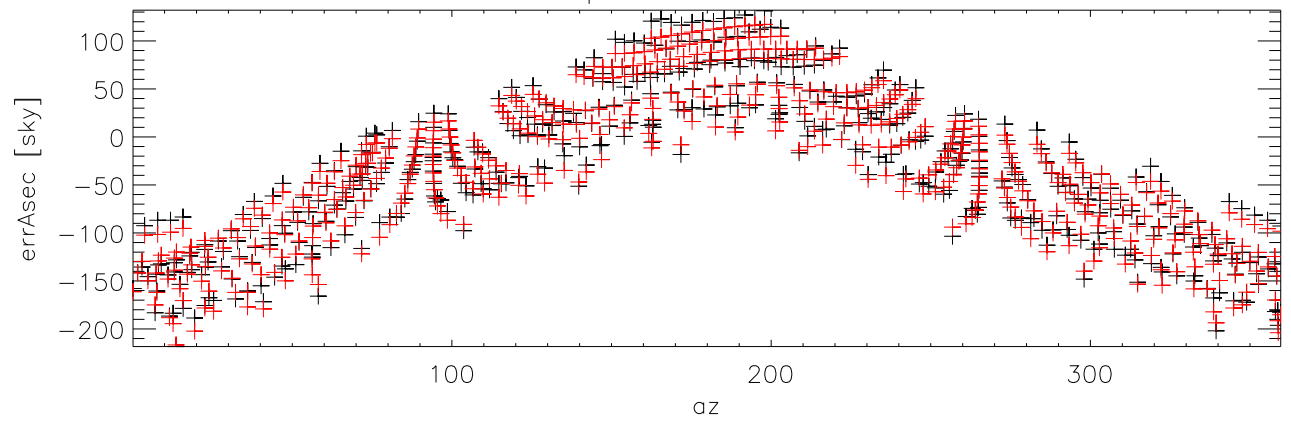
model15 apr04 Raw az errors vs az



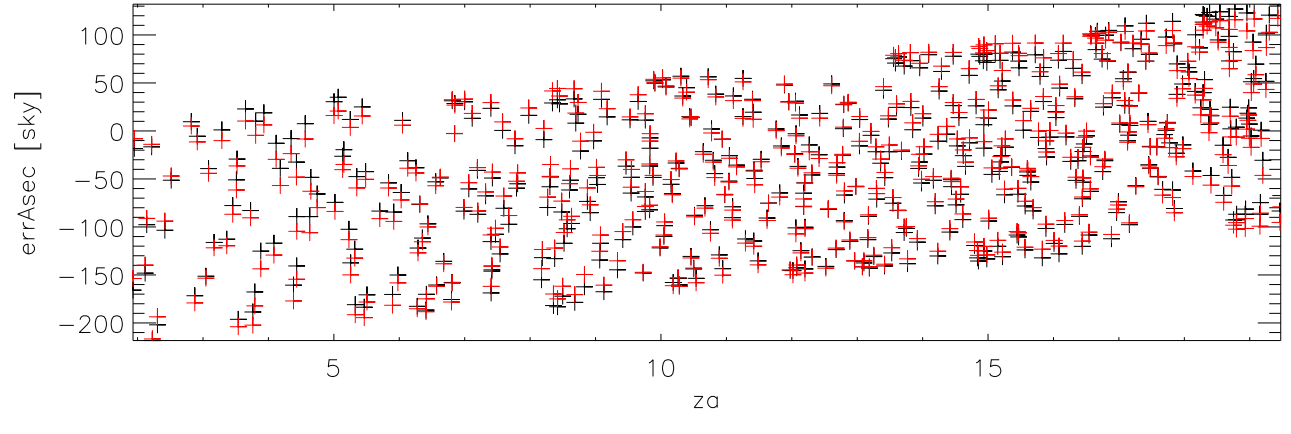
model15 apr04 Raw az errors vs za



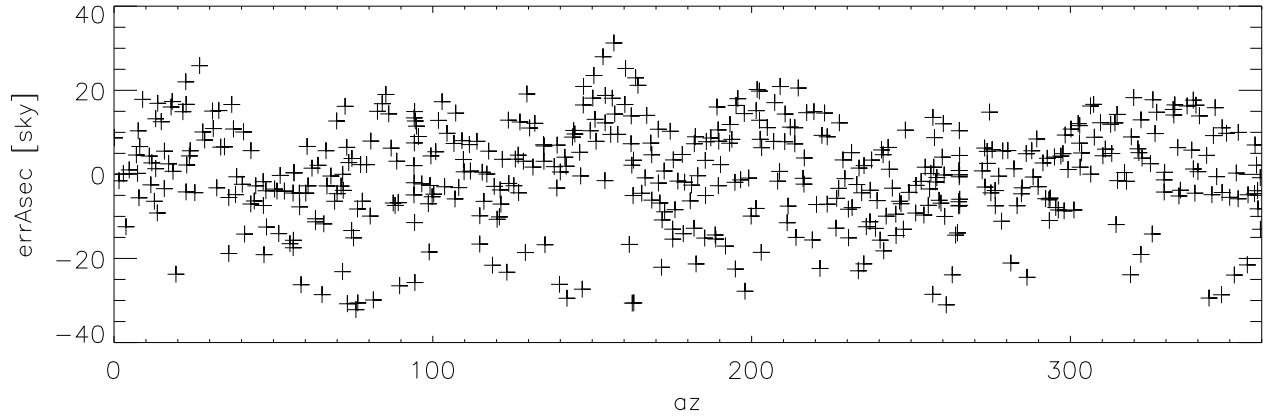
model15 apr04 Raw za errors vs az



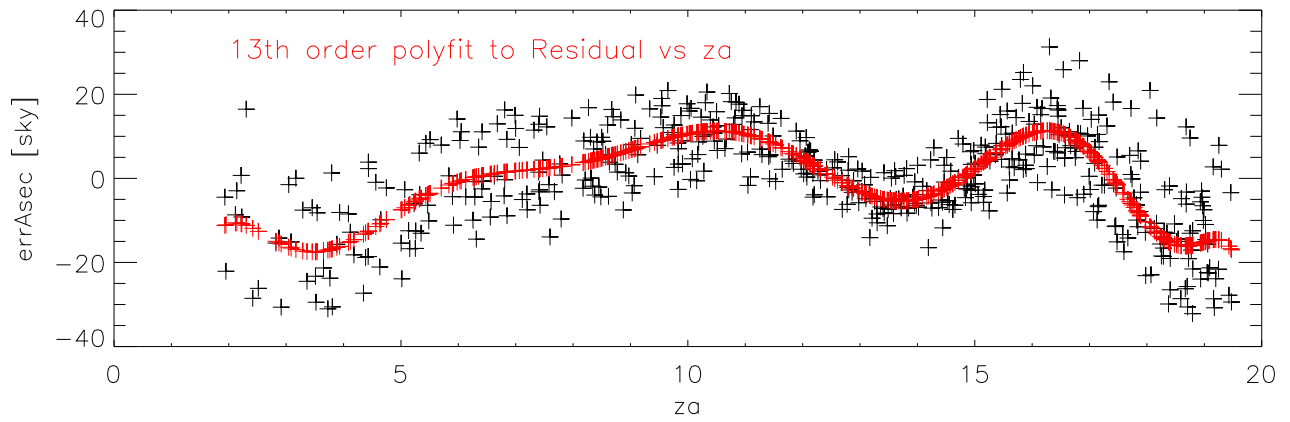
model15 apr04 Raw za errors vs za



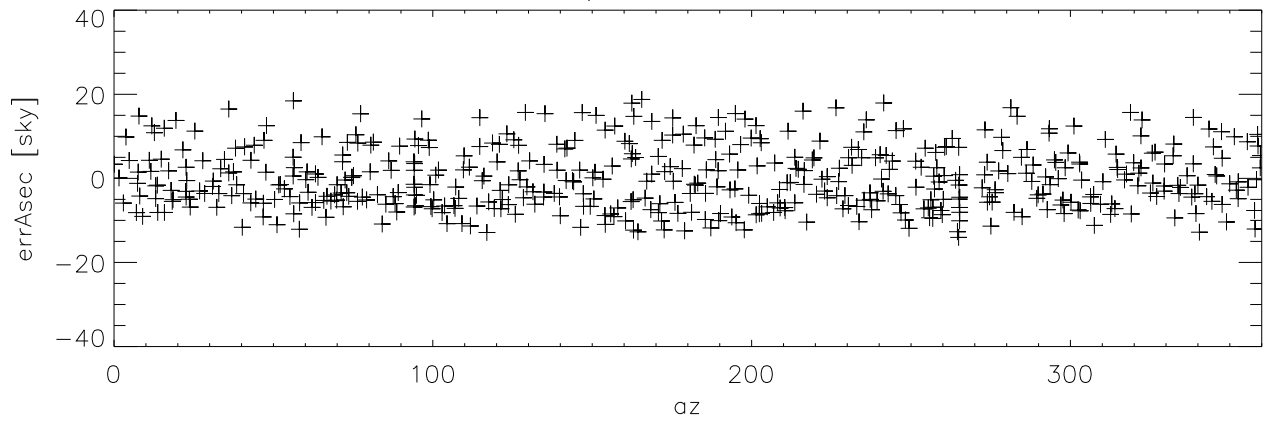
model15 apr04 fit residual from 1,3 az fit and $c_2 \cdot \sin(z_a)$. AzErr vs az



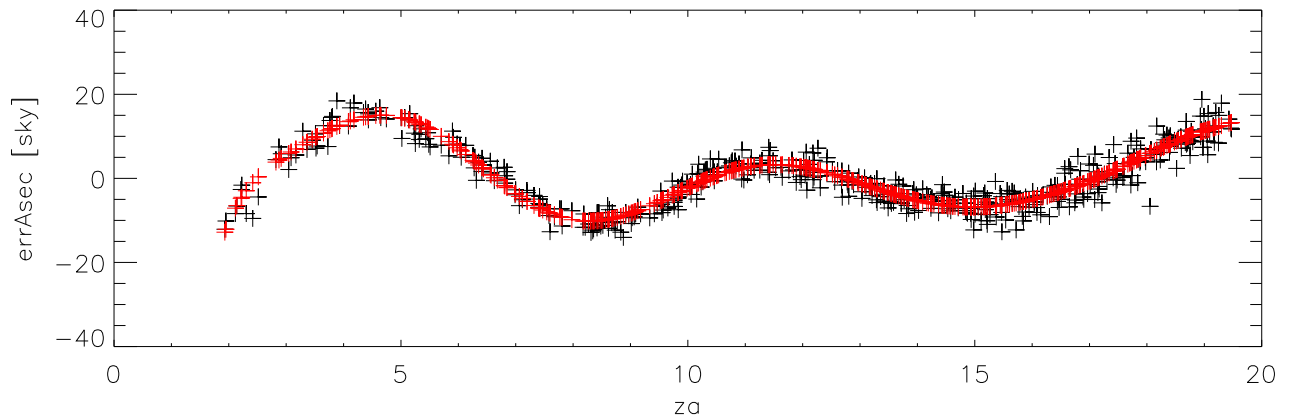
azErr vs za

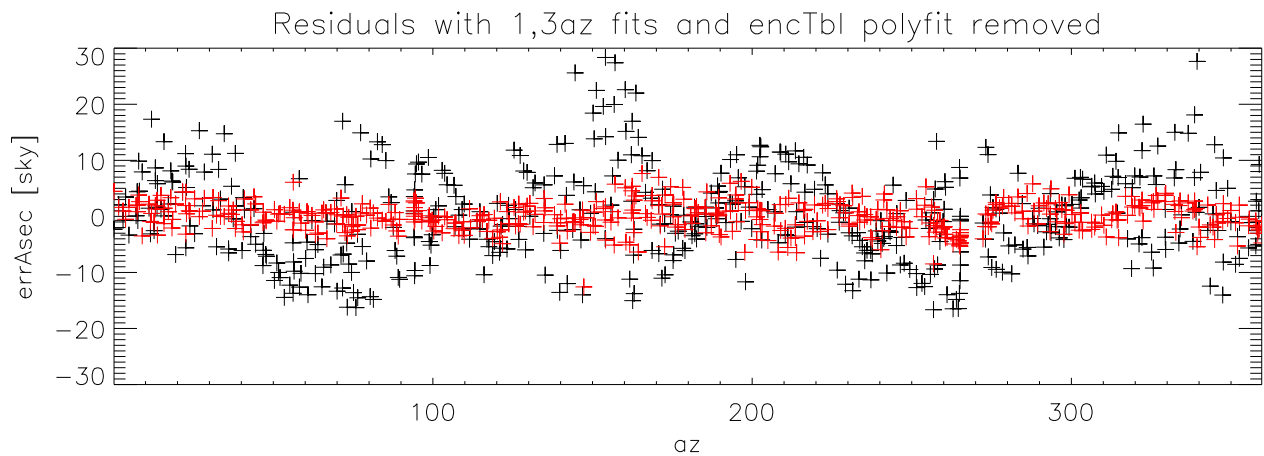
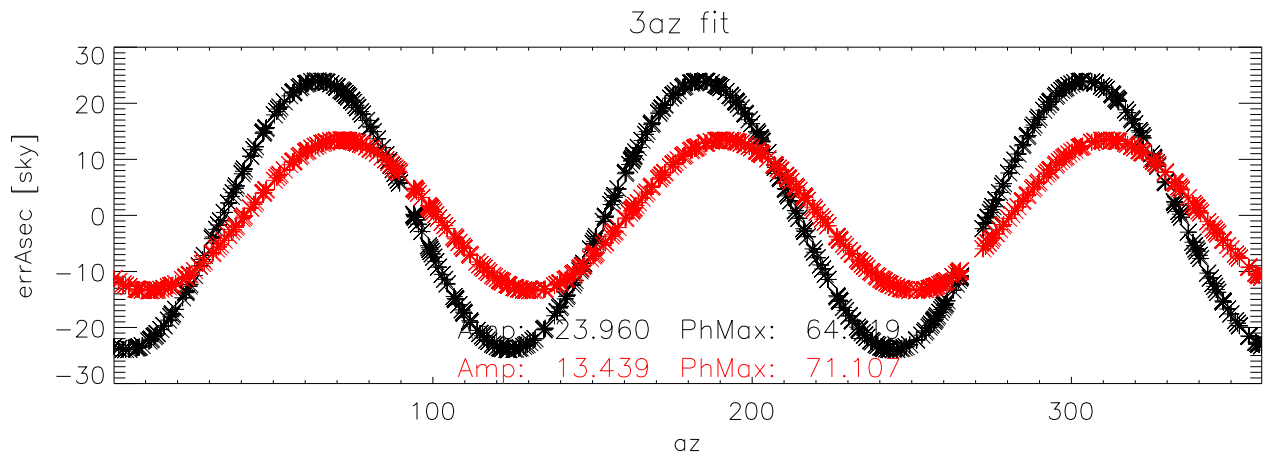
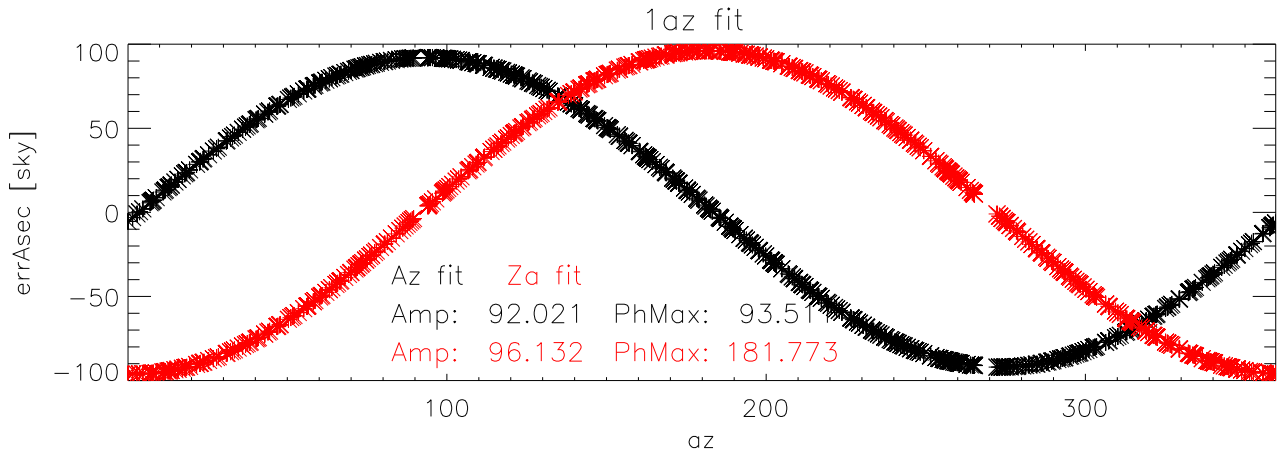


fit residual from 1,3 az fit and $c_2 \cdot z_a$. zaErr vs az



zaErr vs za

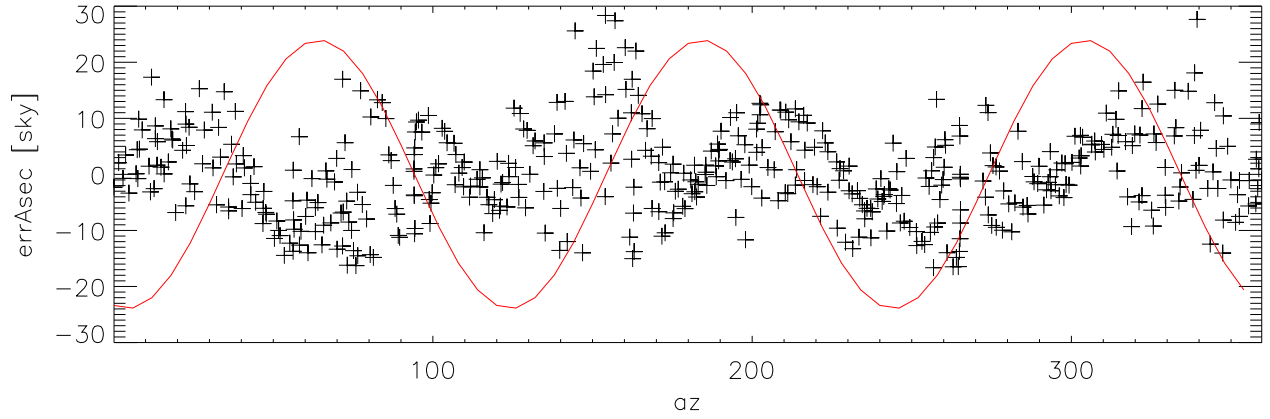




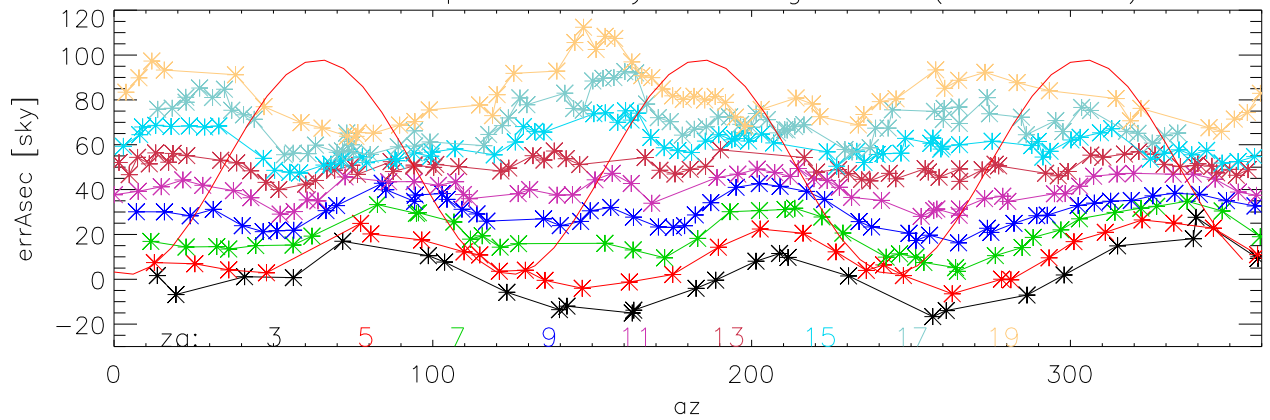
$azE=C0 + az0*AZ + za0*\sin(ZA) + az1*\sin(AZ - Ph) + az3*\sin(3AZ-Ph)$
 C0 -7.400 az0: -0.002 za0: -1129.124
 az1 Amp: 92.021 PhMax: 93.511
 az3 Amp: 23.960 PhMax: 64.219

$zaE=C0 + az0*AZ + za0*ZA + az1*\sin(AZ - Ph) + az3*\sin(3AZ-Ph)$
 C0 -124.951 az0: 0.008 za0: 6.978
 az1 Amp: 96.132 PhMax: 181.773
 az3 Amp: 13.439 PhMax: 71.107

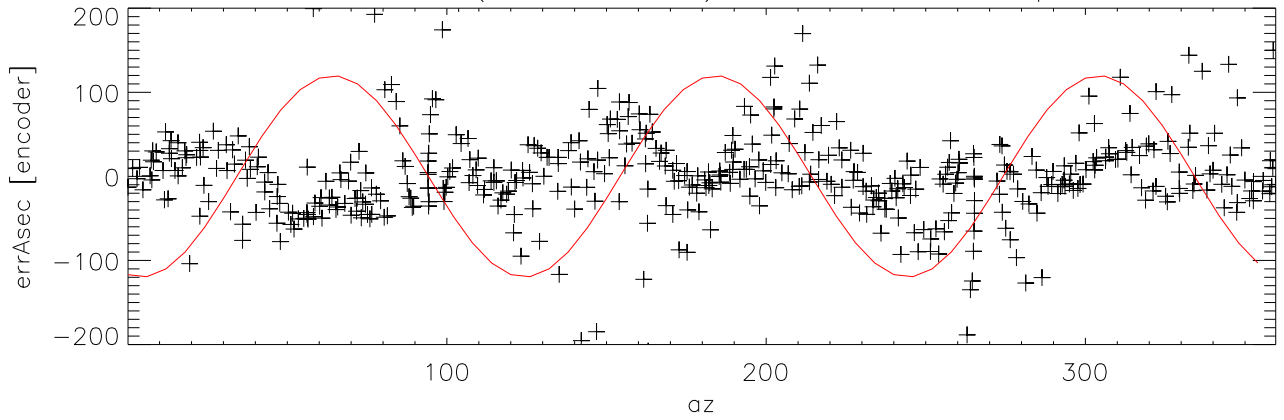
Az Residuals with 3az term overplotted



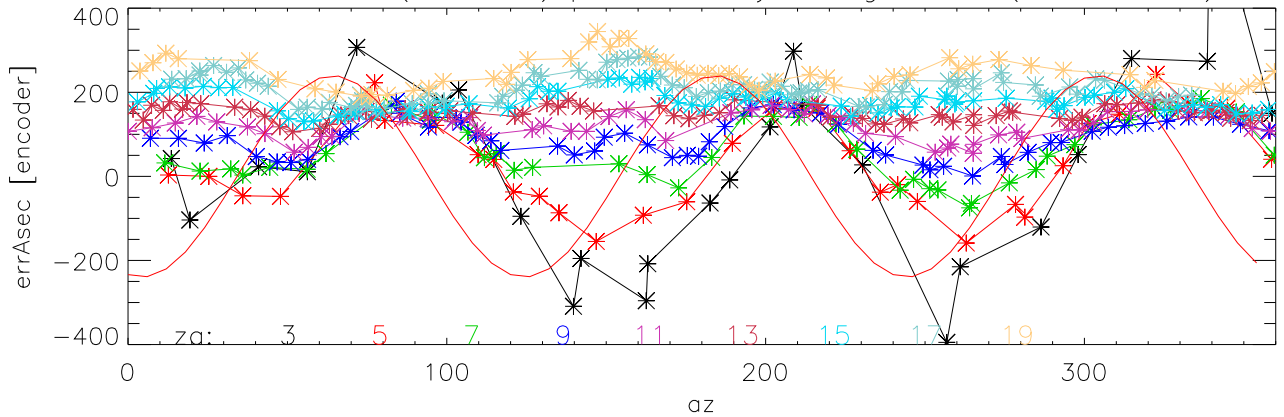
Az Residuals plotted every two degs in za (with offsets)



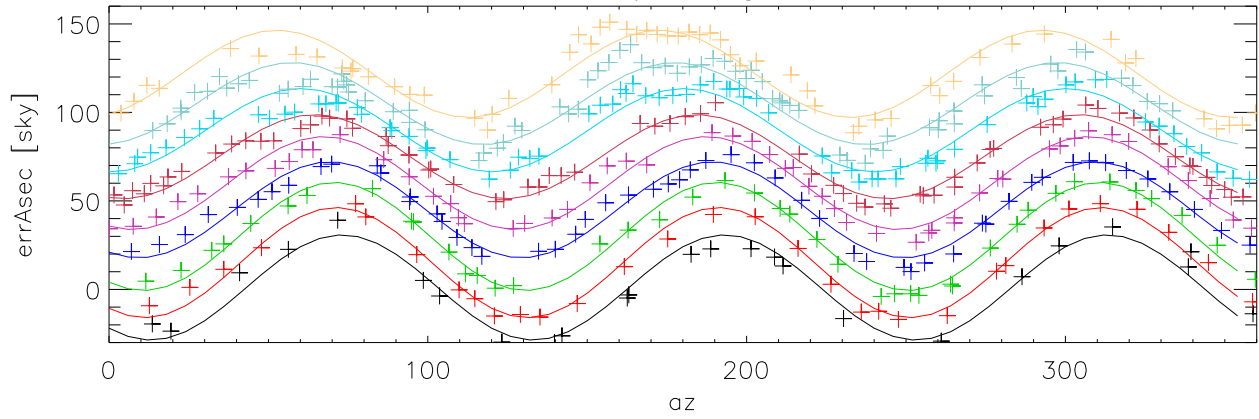
Az Residuals (encoder Units) with 3az term overplotted



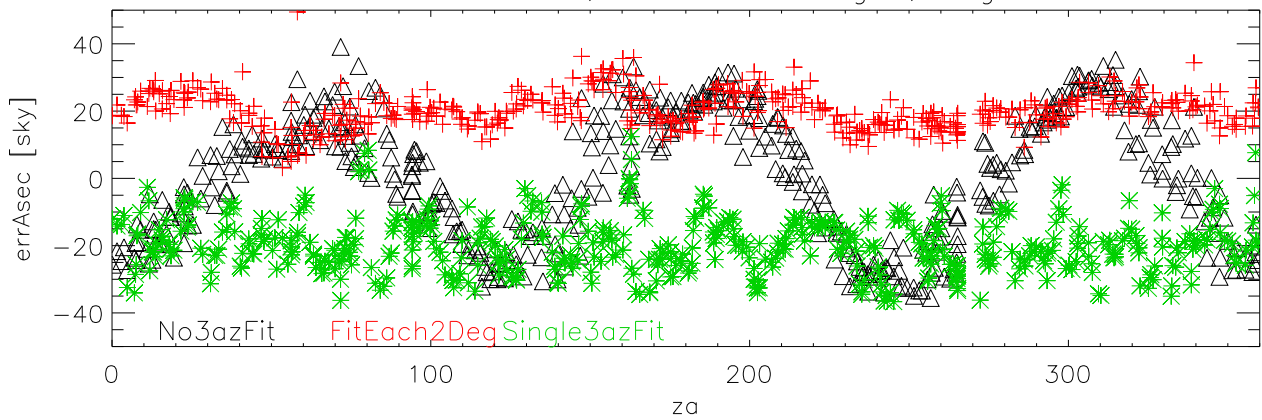
Az Residuals (encunits) plotted every 2degs in za (with offsets)



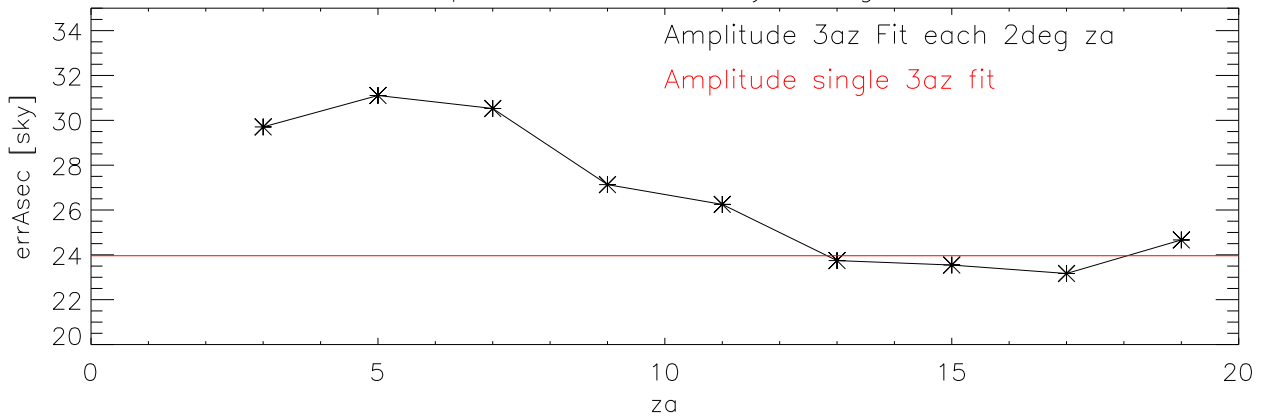
AzErrors: Fit 3az term every 2 degrees in za (with offsets)



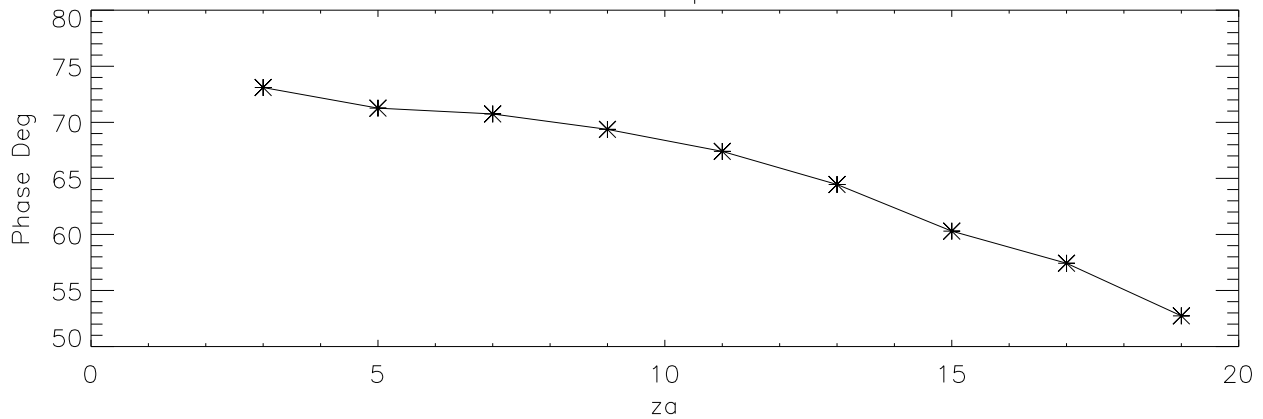
az Residuals: No3azFit, 3AzFit each2degZa, single 3az fit



amplitude 3az fit every 2 deg za



Phase of 3Az peak vs za



Fit Rms every 2 deg za

