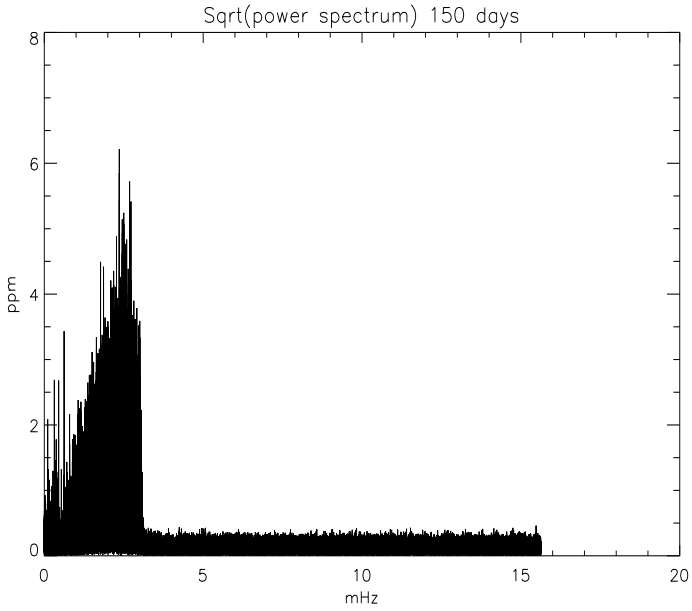
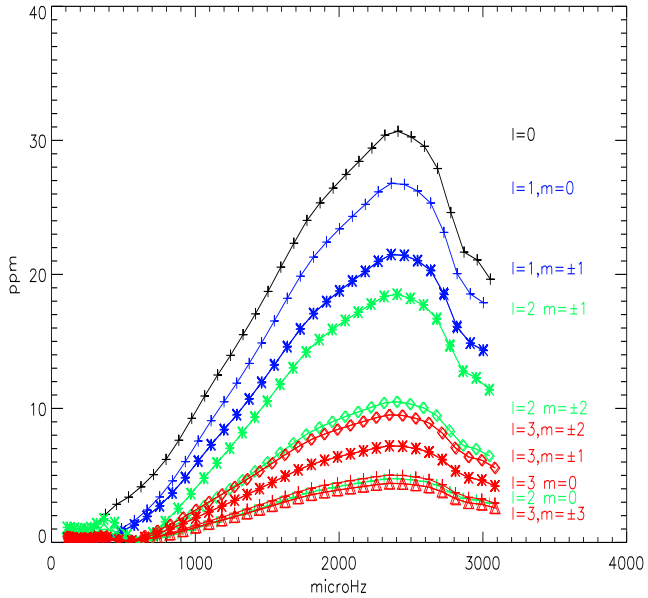
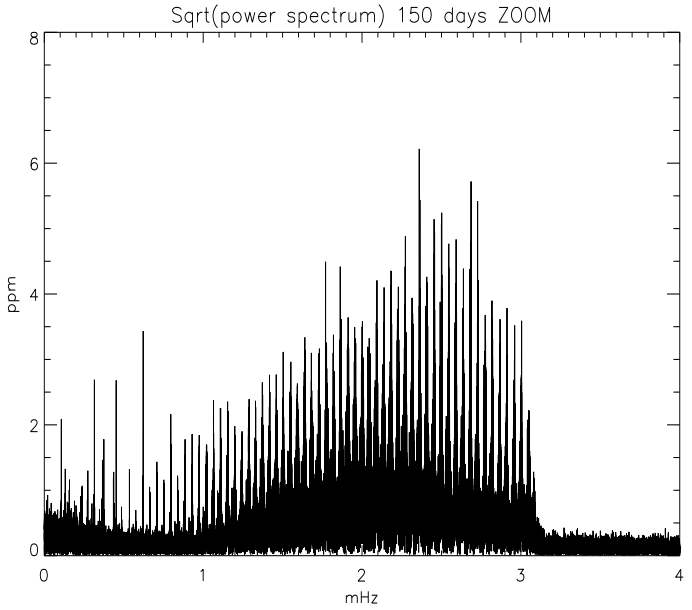
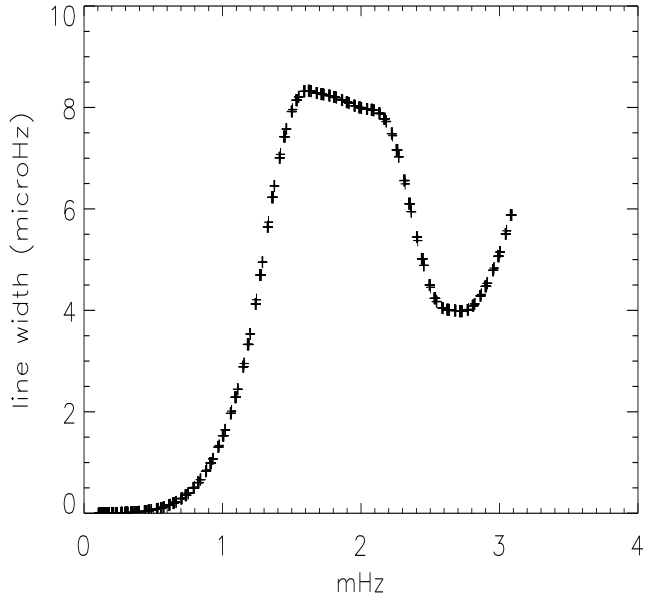
HD 49933

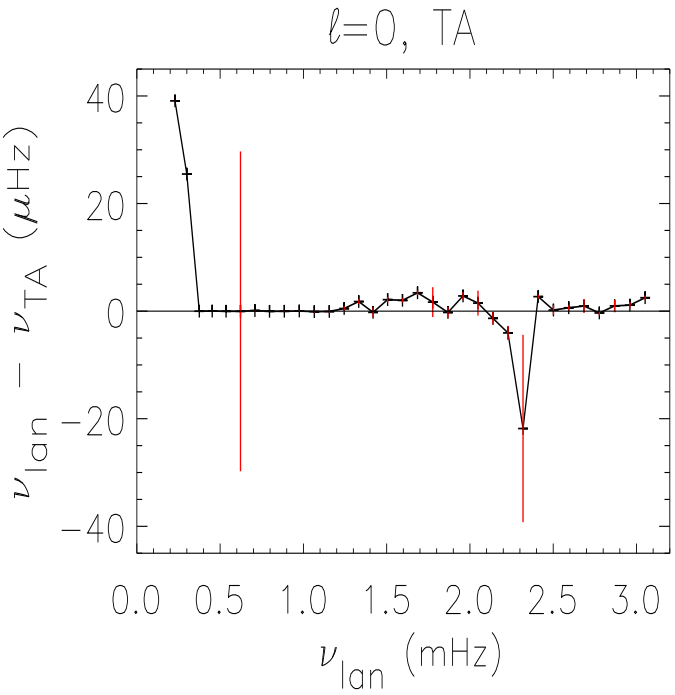

Sqrt(power spectrum) 150 days
ppm
mHz

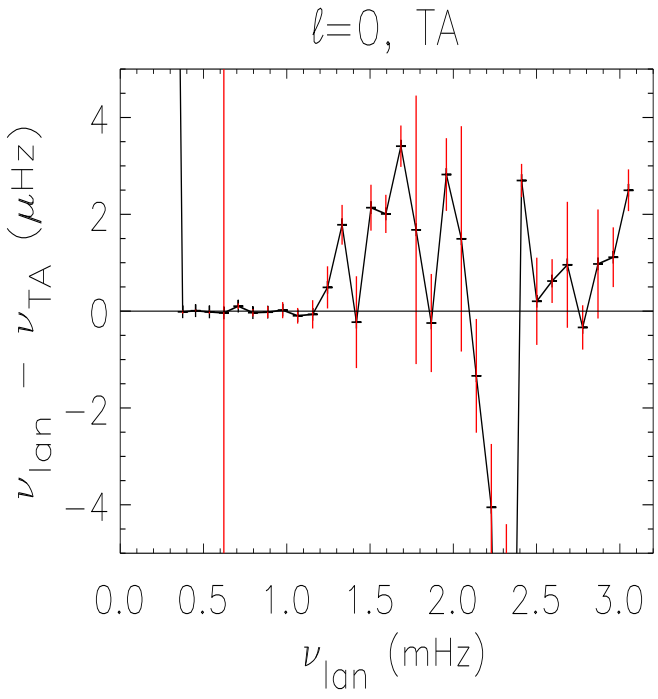

ppm
microHz
l=0
l=1,m=0
l=1,m=±1
l=2 m=±1
l=2 m=±2
l=3,m=±2
l=3,m=±1
l=3 m=0
l=2 m=0
l=3,m=±3

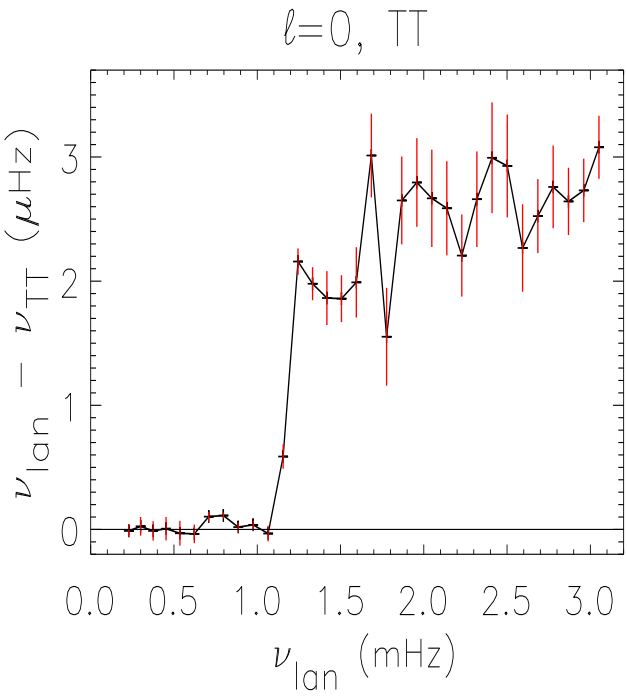

Sqrt(power spectrum) 150 days ZOOM
ppm
mHz


line width (microHz)
mHz

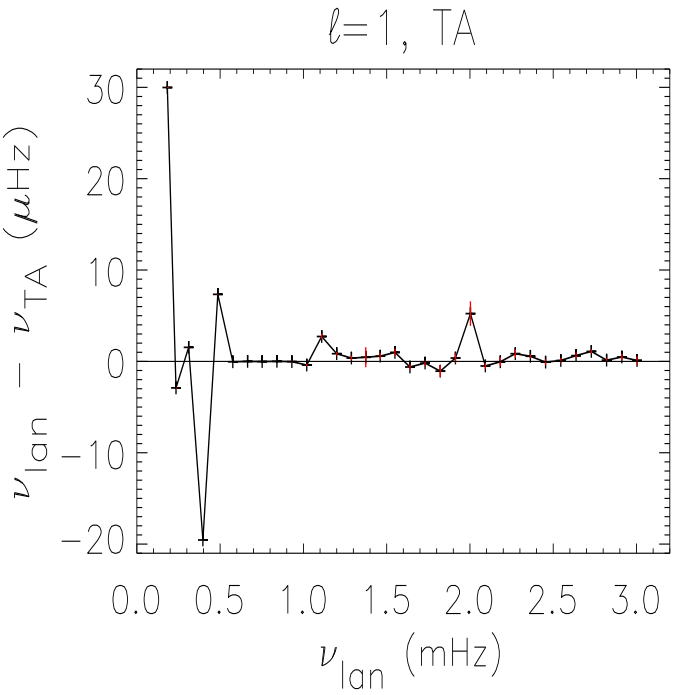
HD 49933. $\ell = 0$, $\nu_{in} - \nu_{out}$

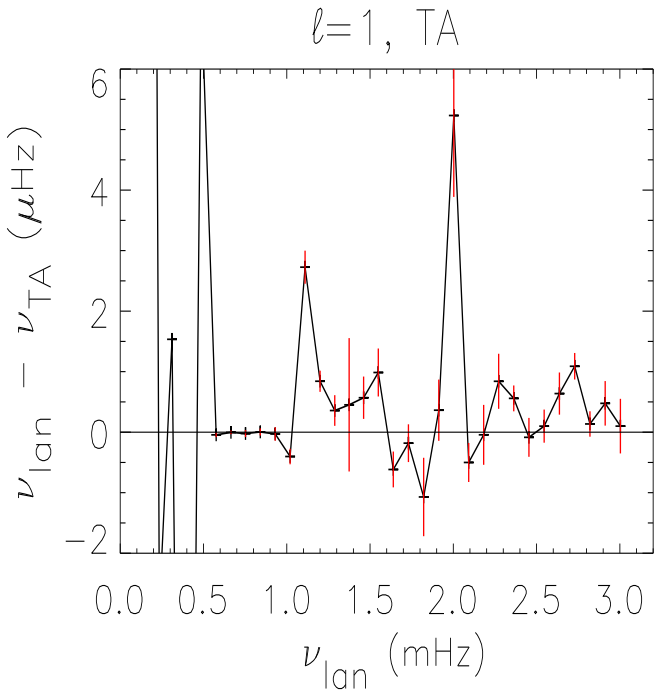


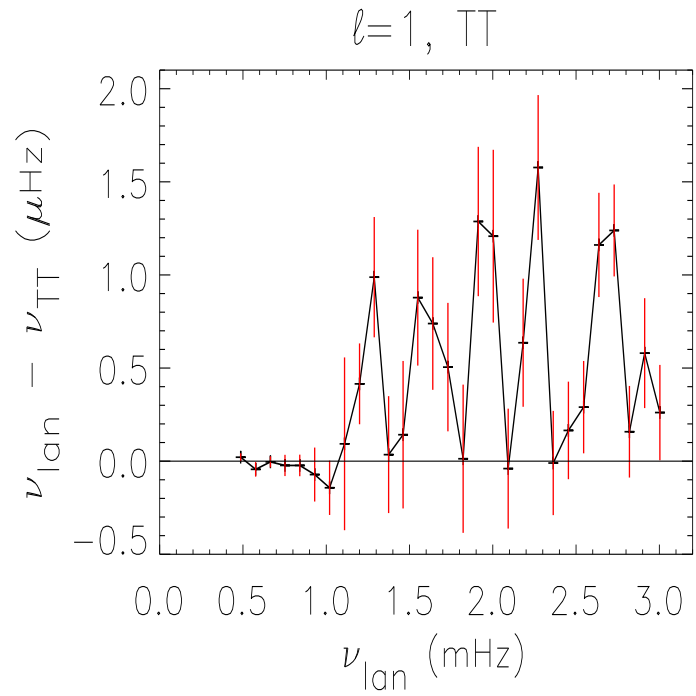




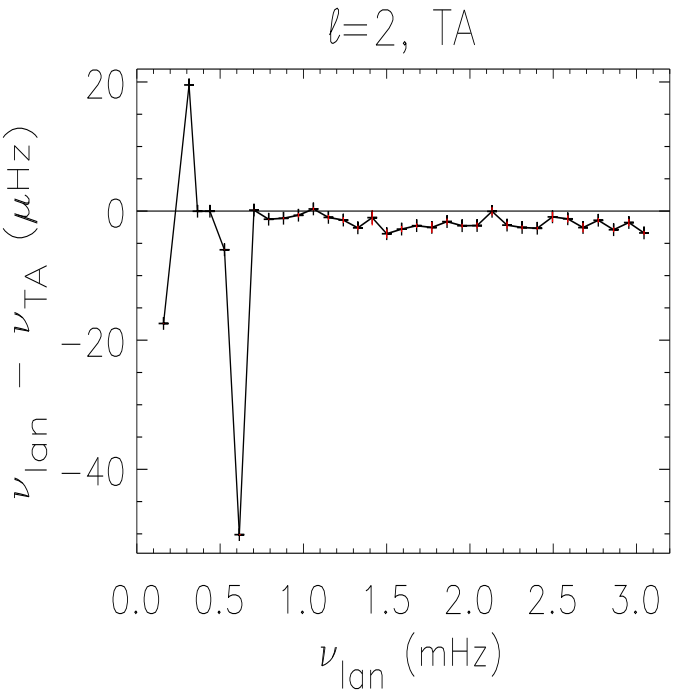
HD 49933. $\ell = 1$, $\nu_{in} - \nu_{out}$

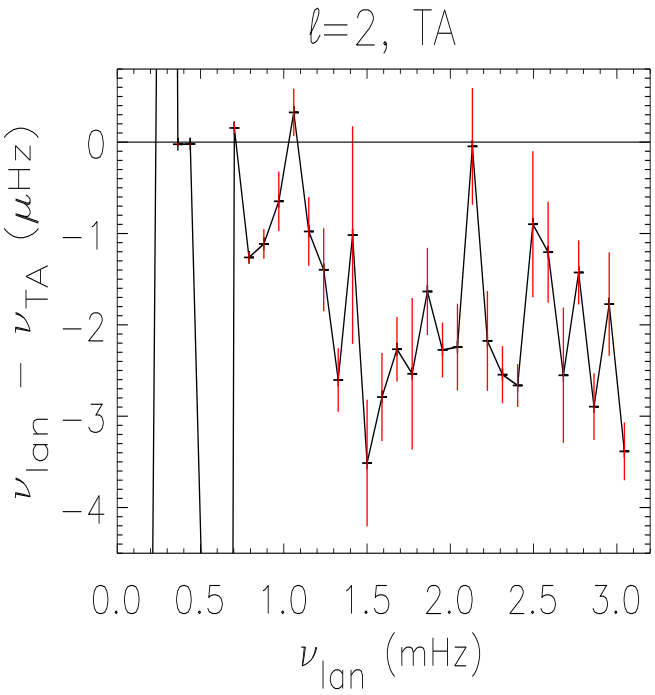


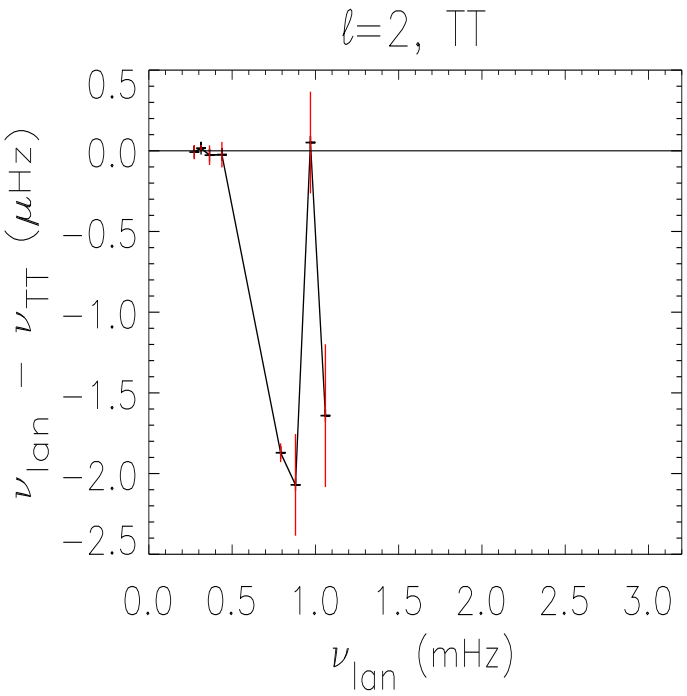


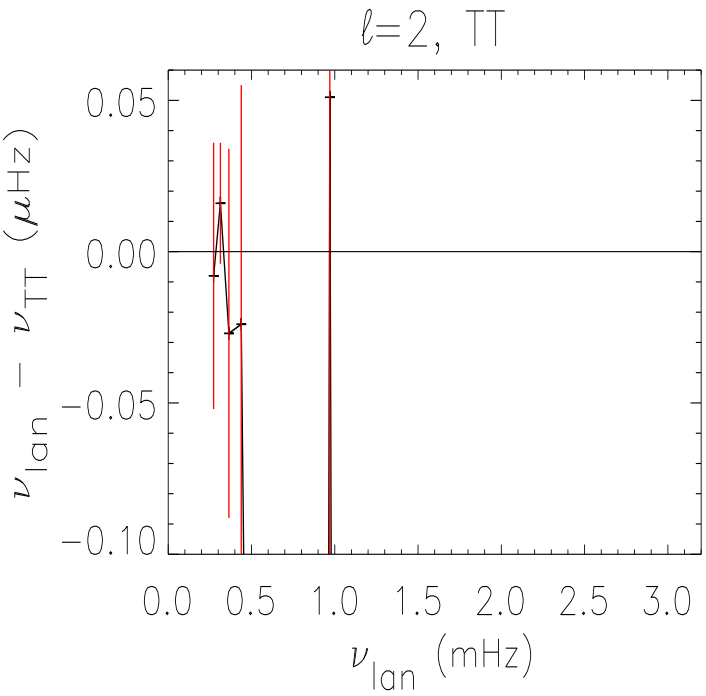


HD 49933. $\ell = 2$, $\nu_{in} - \nu_{out}$

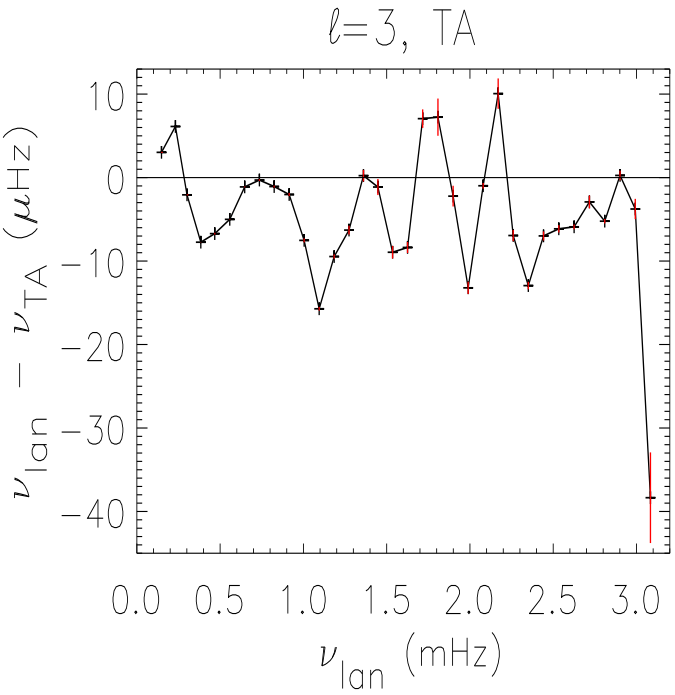


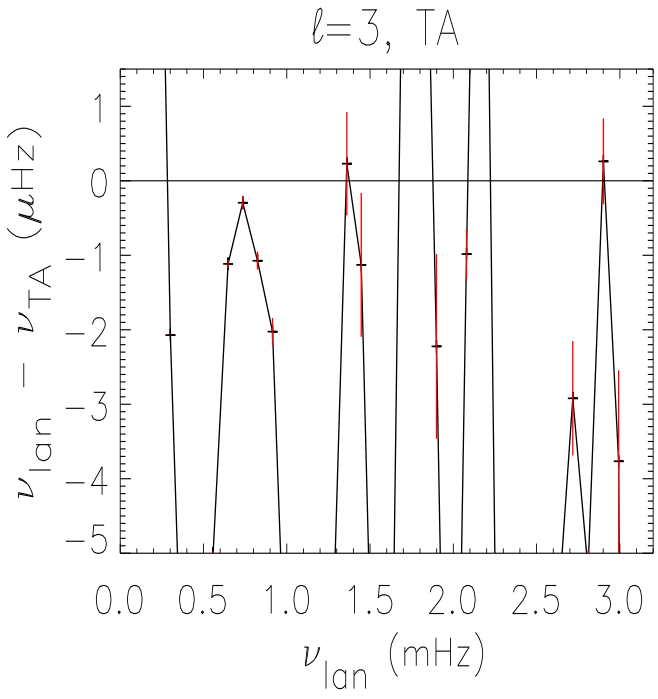


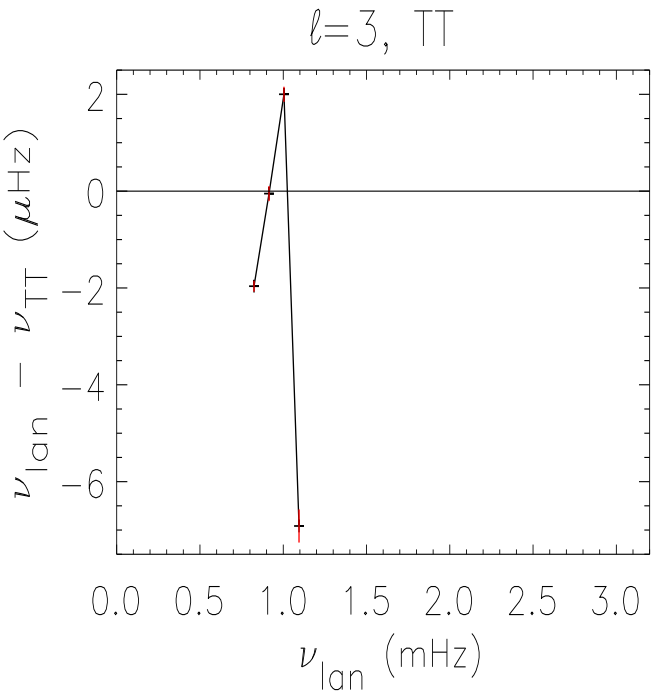




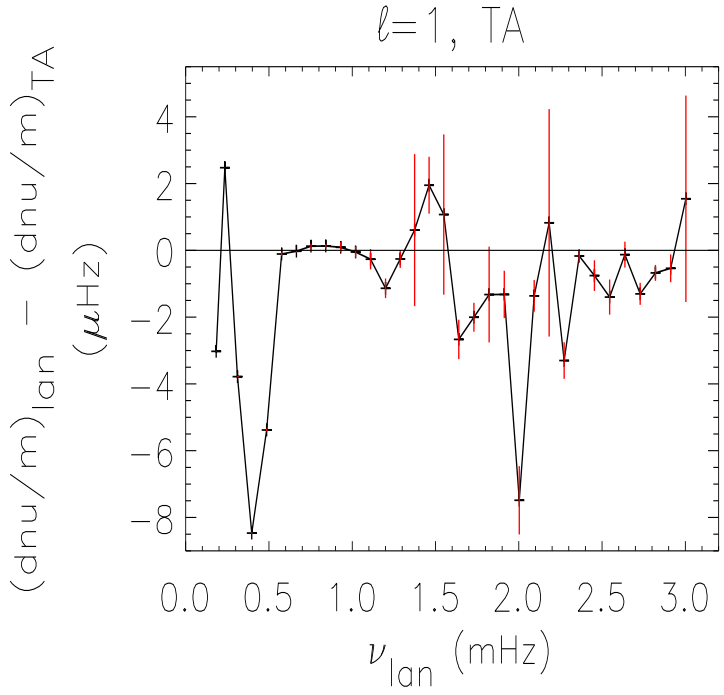
HD 49933. $\ell = 3$, $\nu_{in} - \nu_{out}$

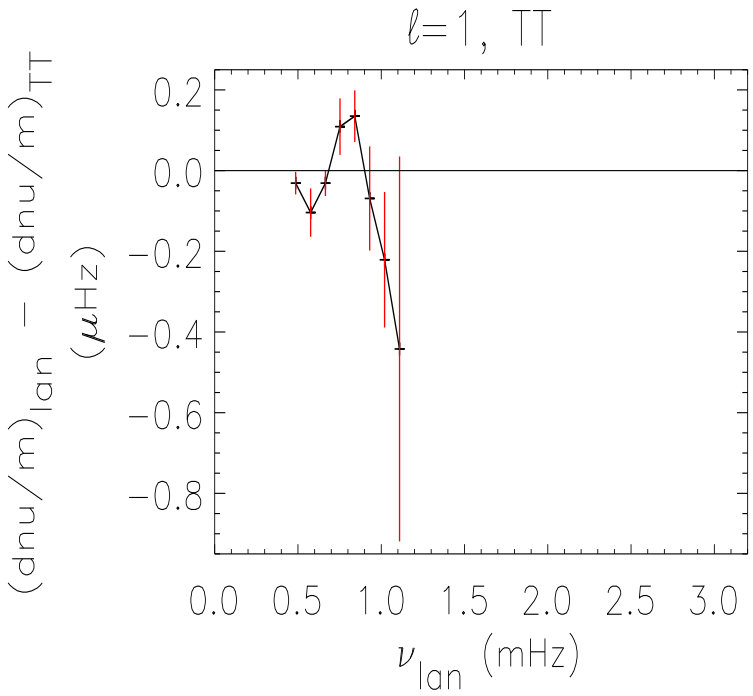




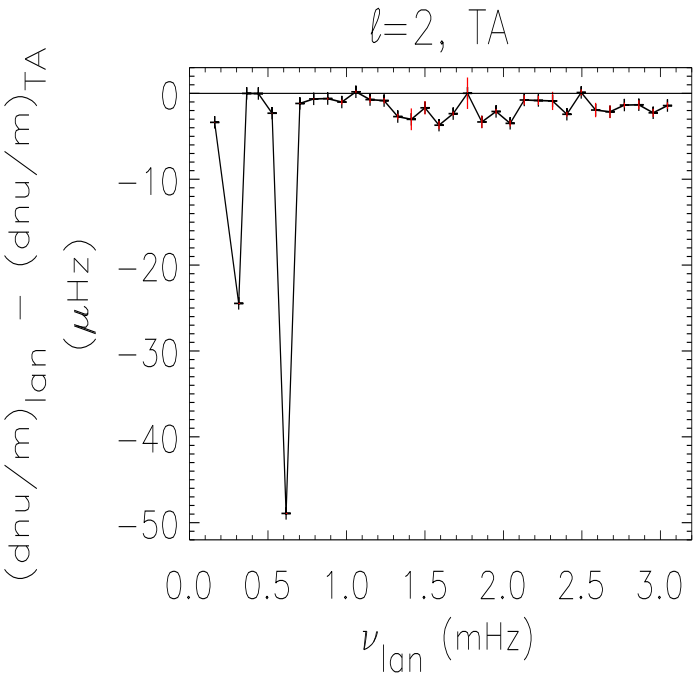


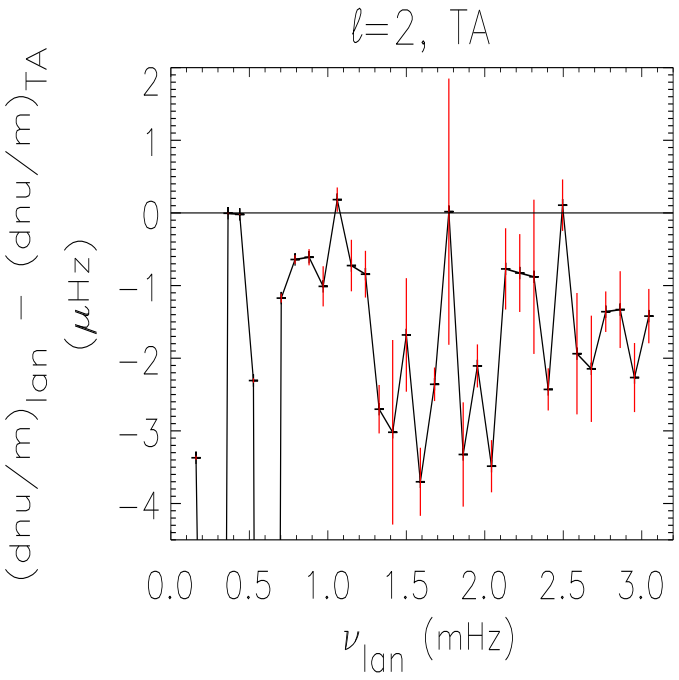
HD 49933. $\ell = 1$, $\frac{dnu}{m}(in) - \frac{dnu}{m}(out)$

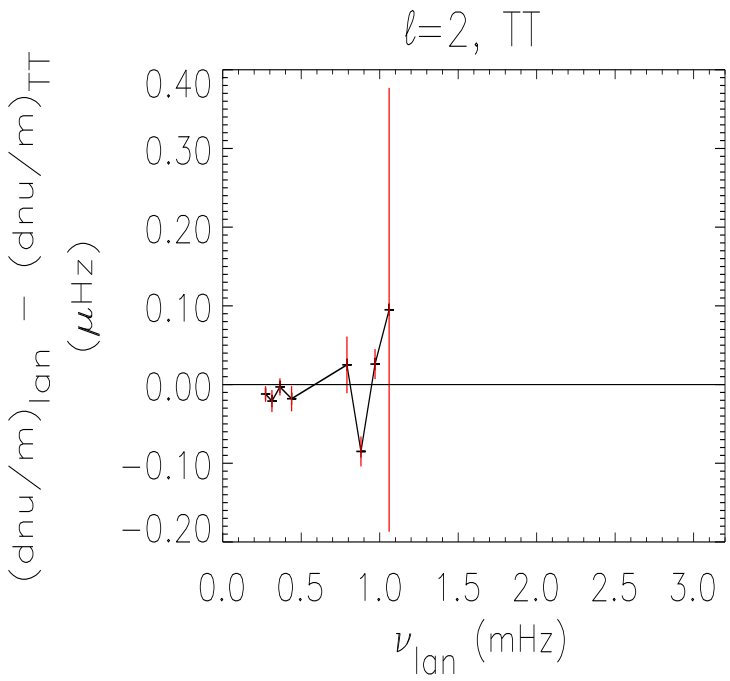




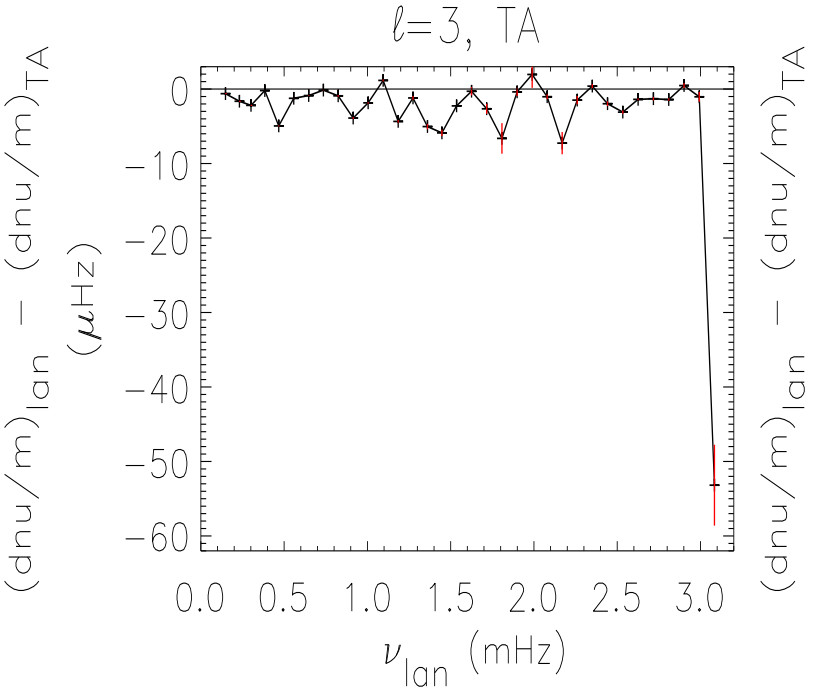
HD 49933. $\ell = 2$, $\frac{dnu}{m}(in) - \frac{dnu}{m}(out)$

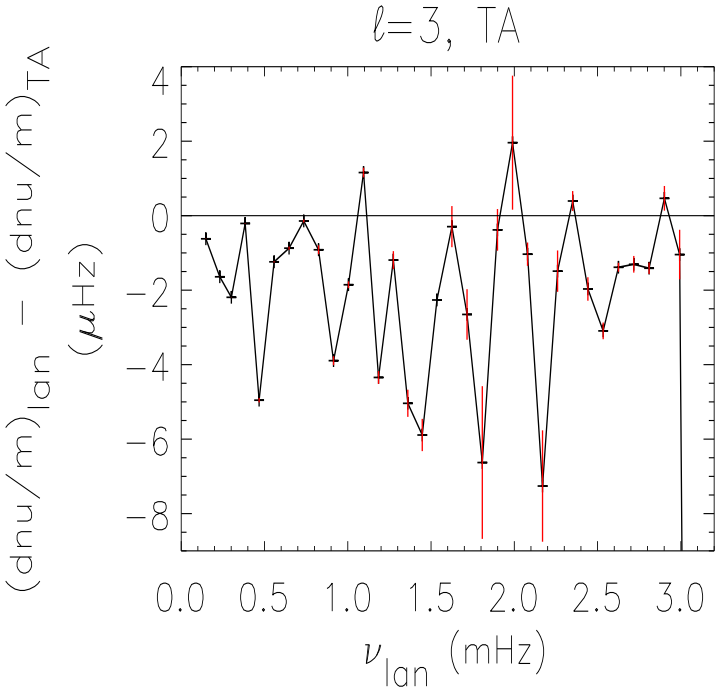


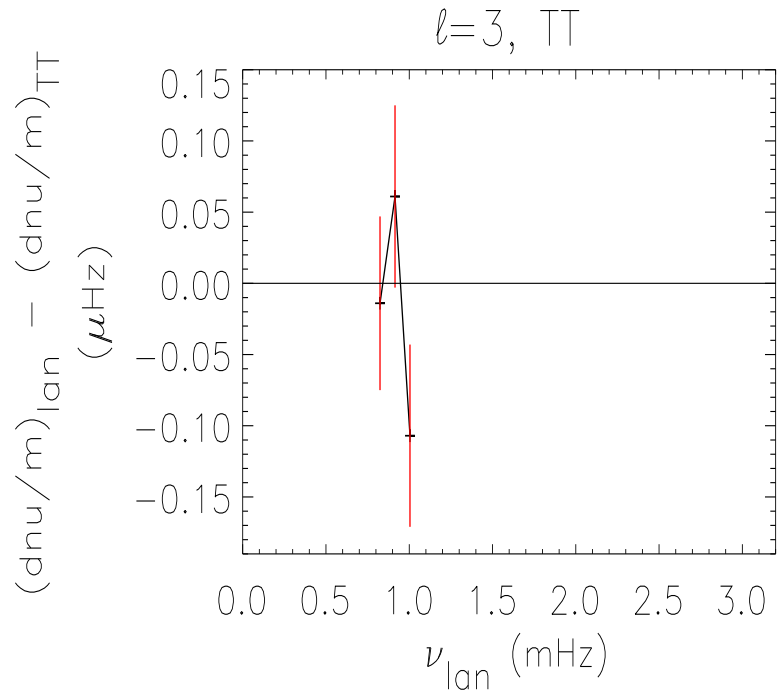
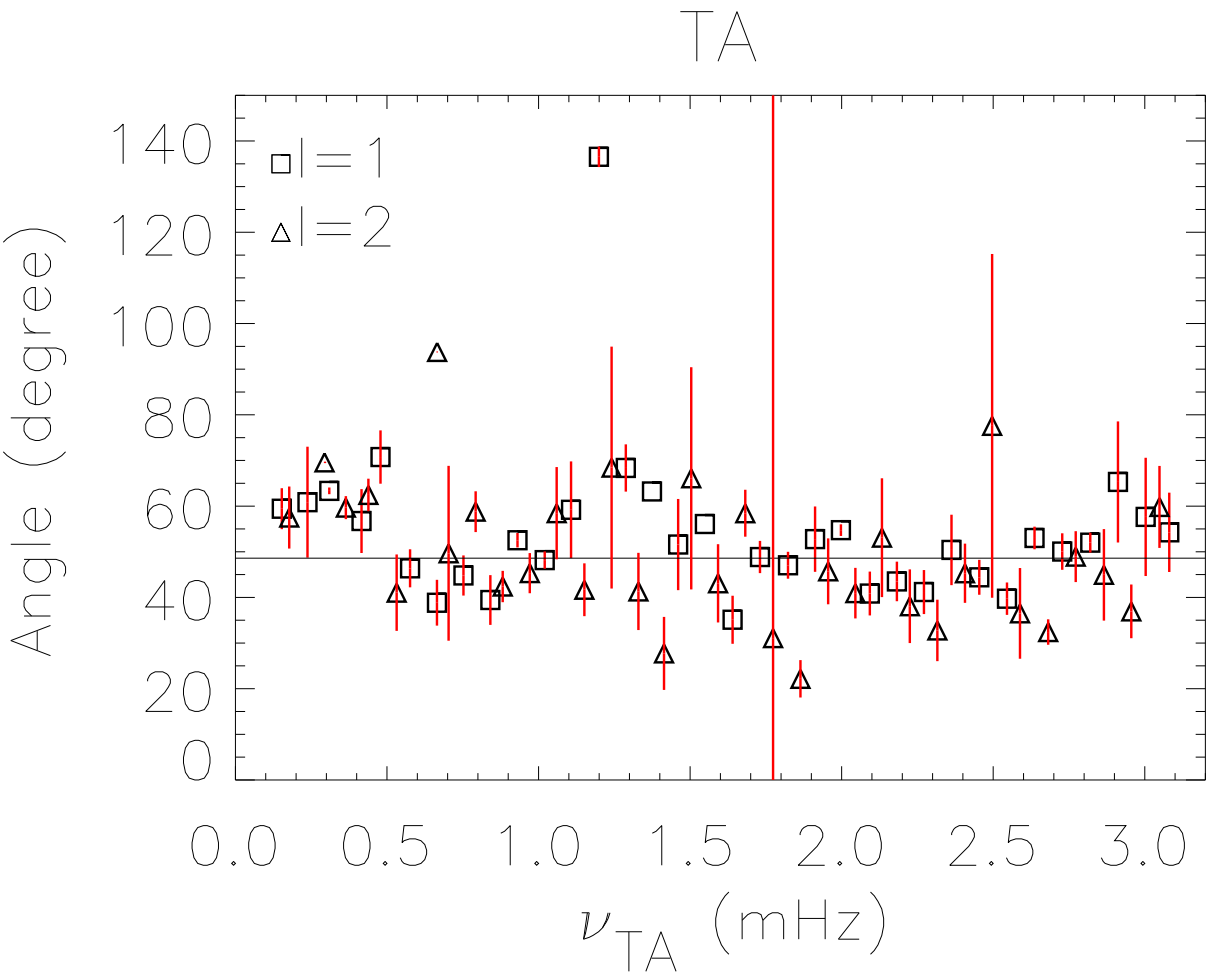




HD 49933. $\ell = 3$, $\frac{dnu}{m}(in) - \frac{dnu}{m}(out)$







HD 49933. i=58.6°