



Temporal variation of the energy response

determined with the internal calibration source
@ Al-K and Mn-K for the FF mode

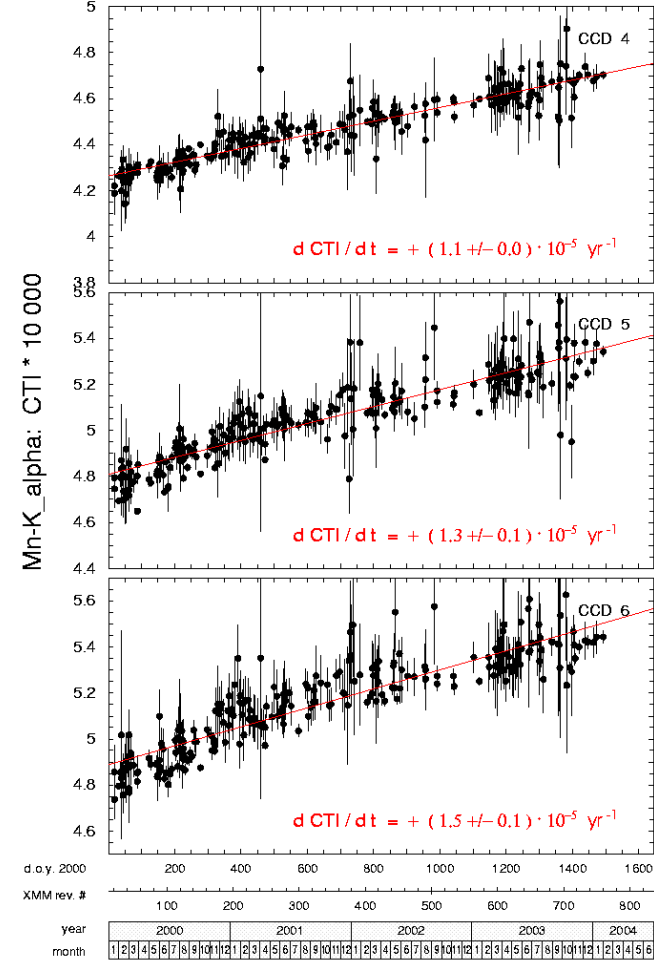
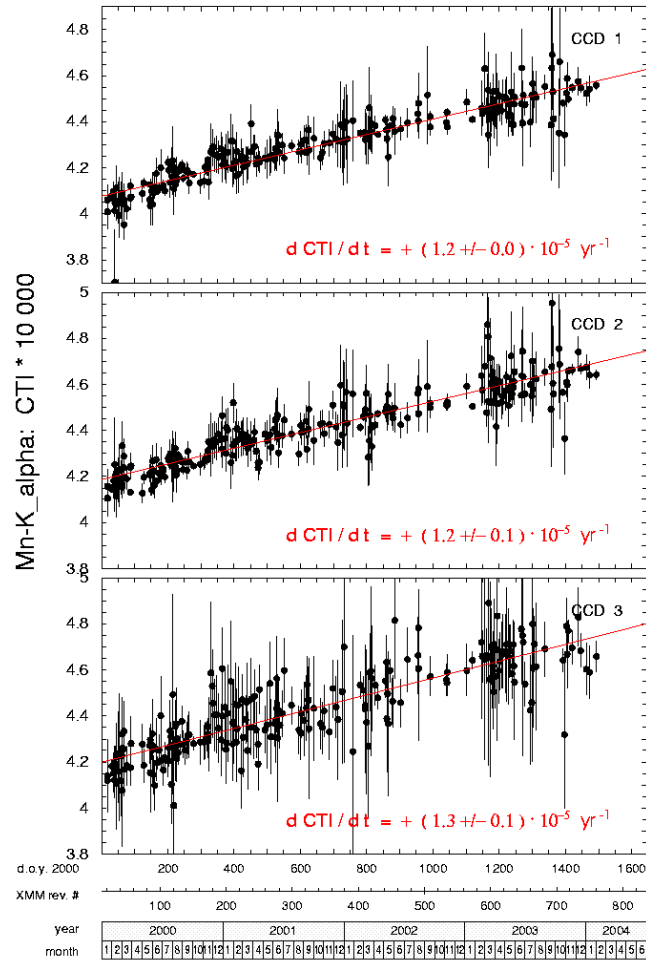
Charge transfer inefficiency (CTI)

Peak positions

Energy resolution (FWHM)

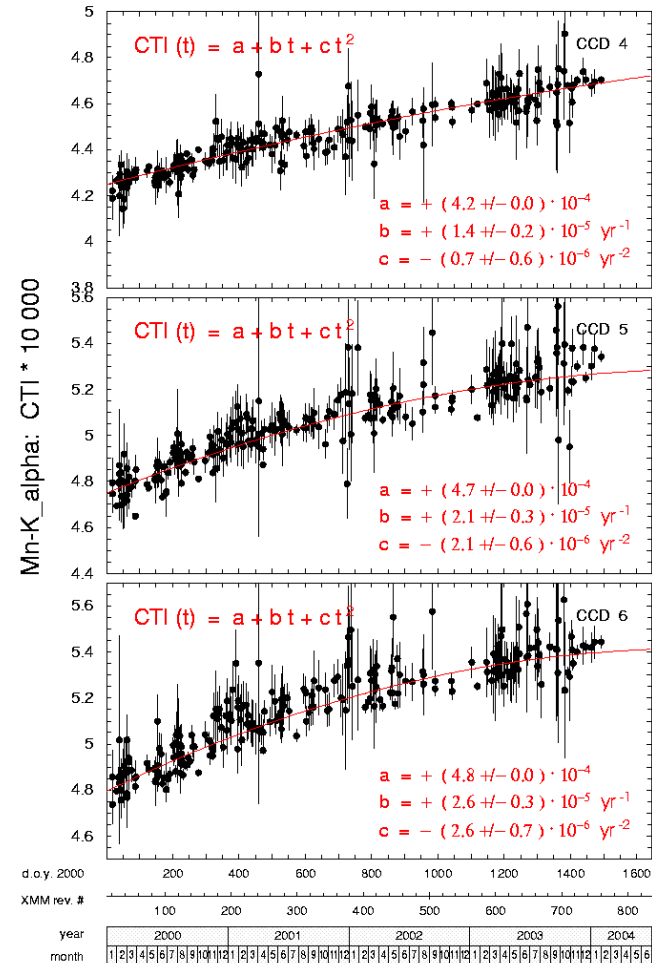
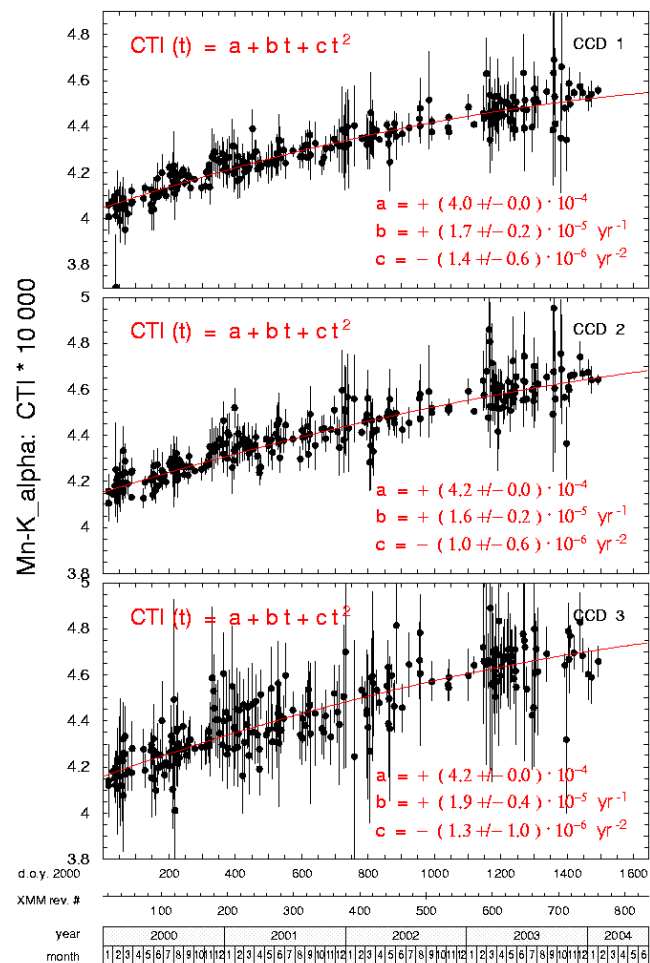
Full Frame Mode

CTI @ Mn-K: Q0 & Q1



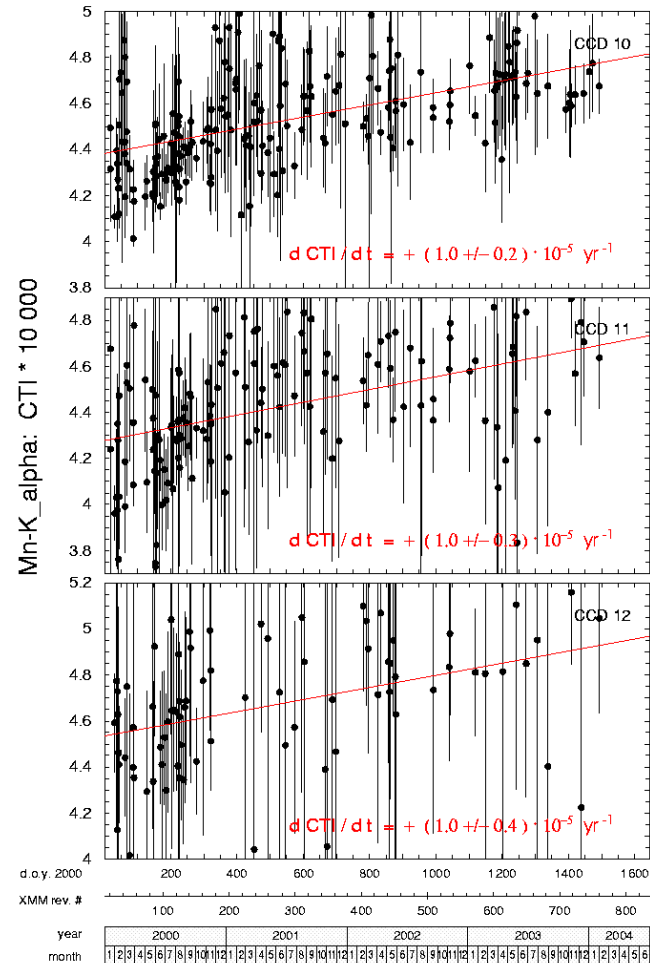
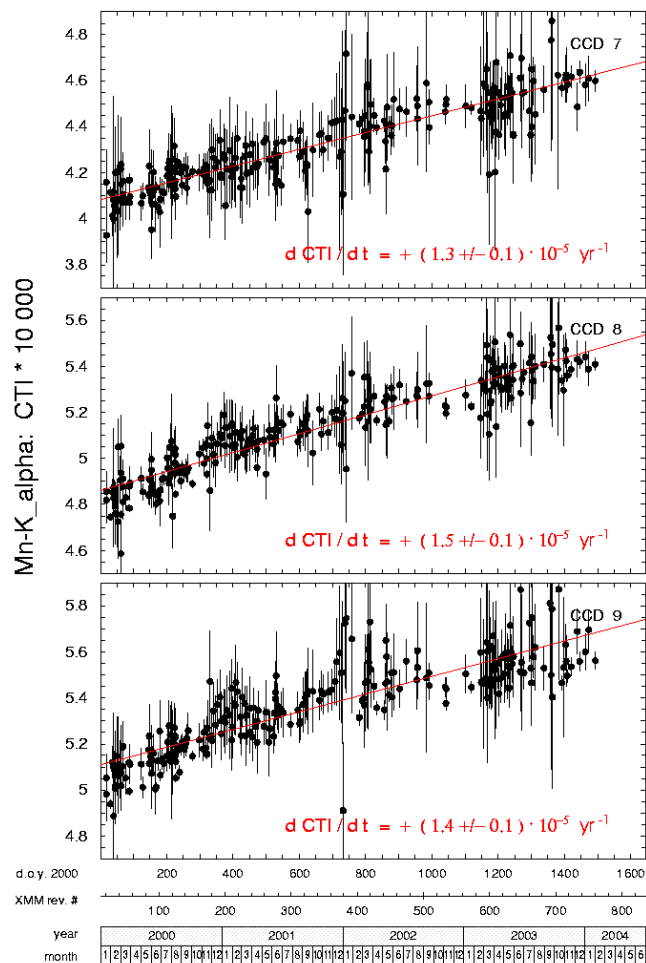
Full Frame Mode

CTI @ Mn-K: Q0 & Q1



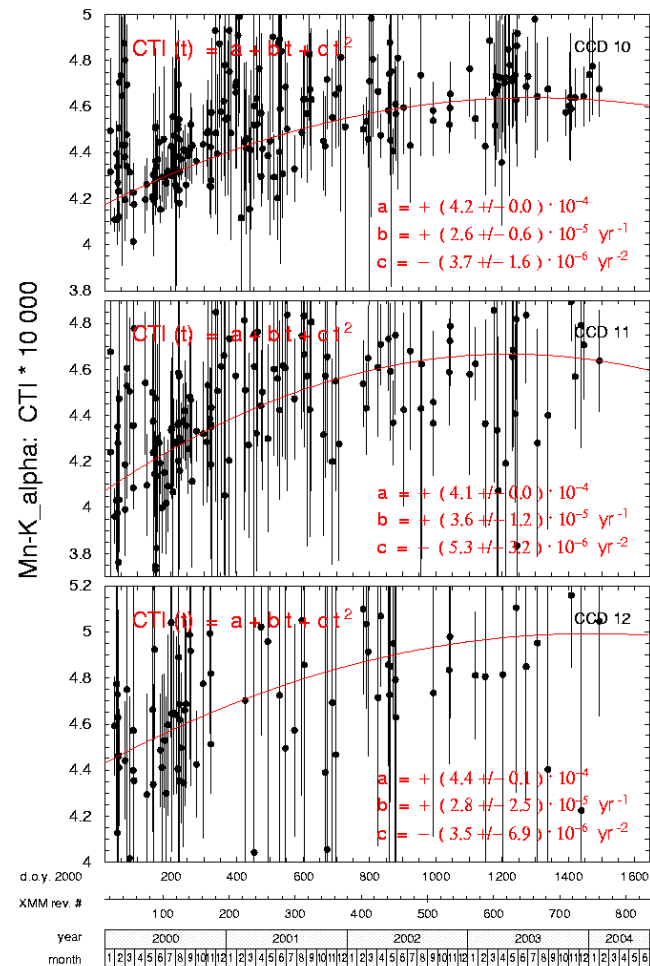
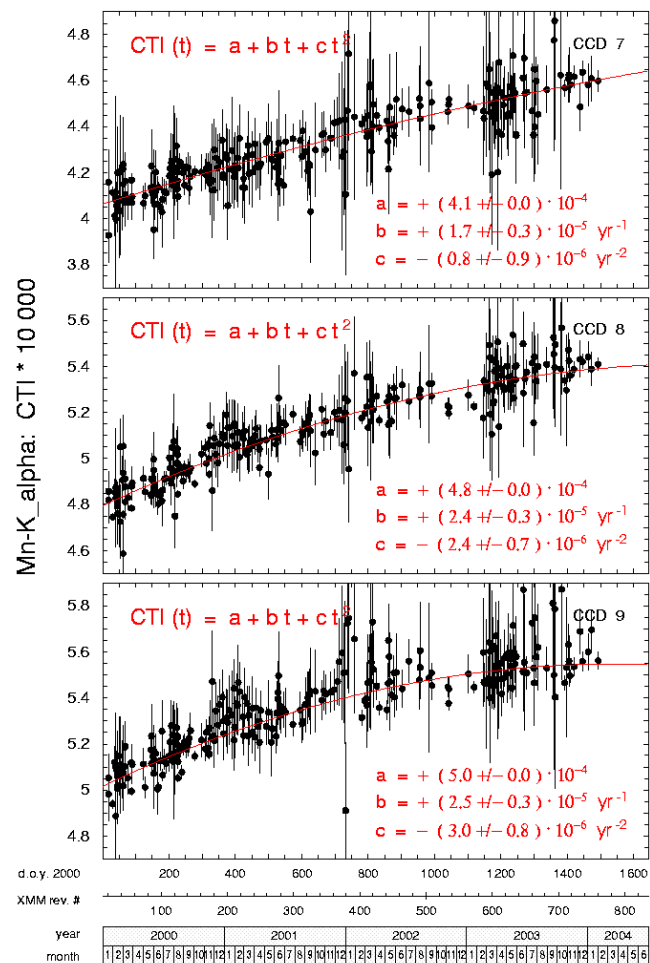
Full Frame Mode

CTI @ Mn-K: Q2 & Q3



Full Frame Mode

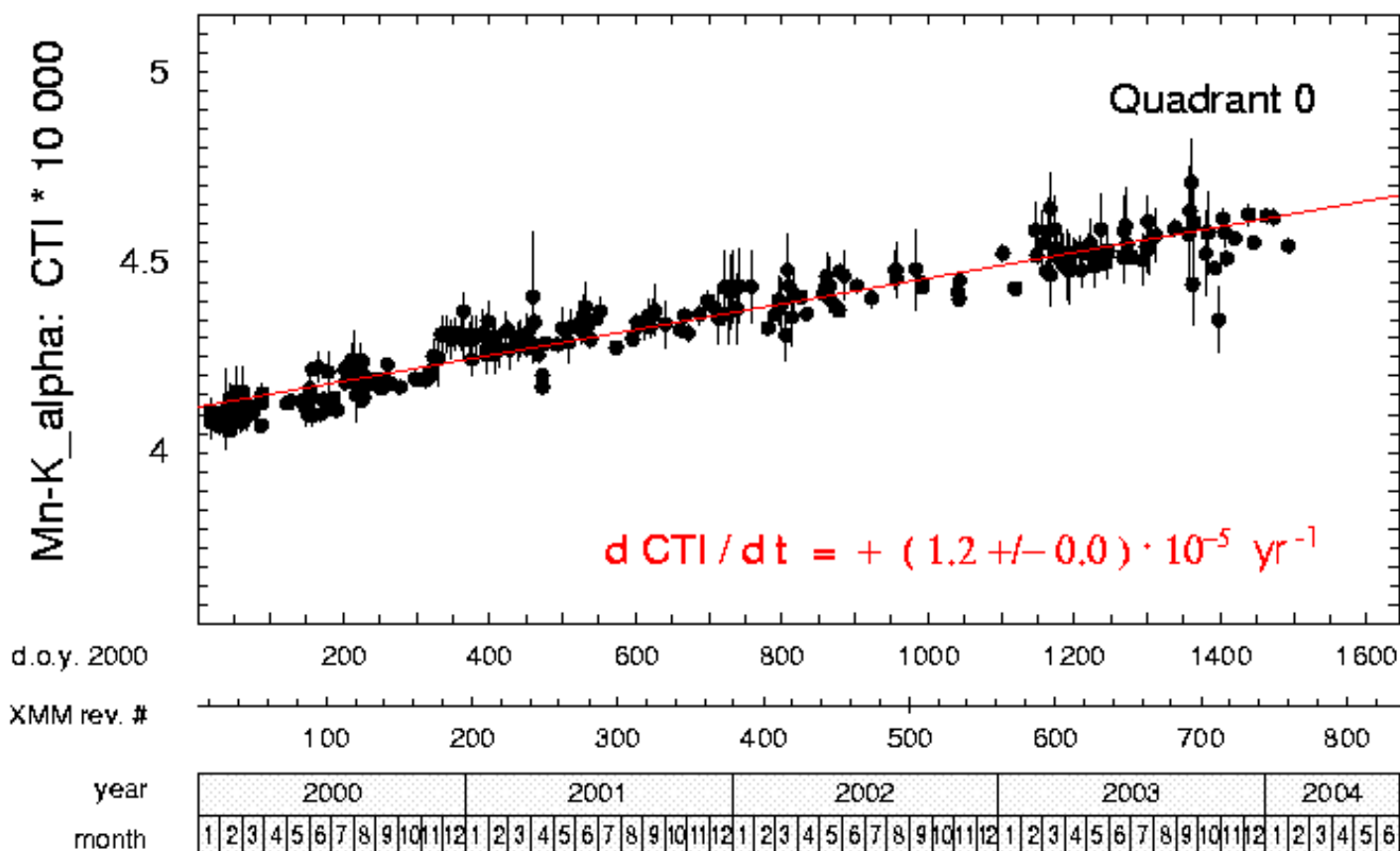
CTI @ Mn-K: Q2 & Q3





Full Frame Mode

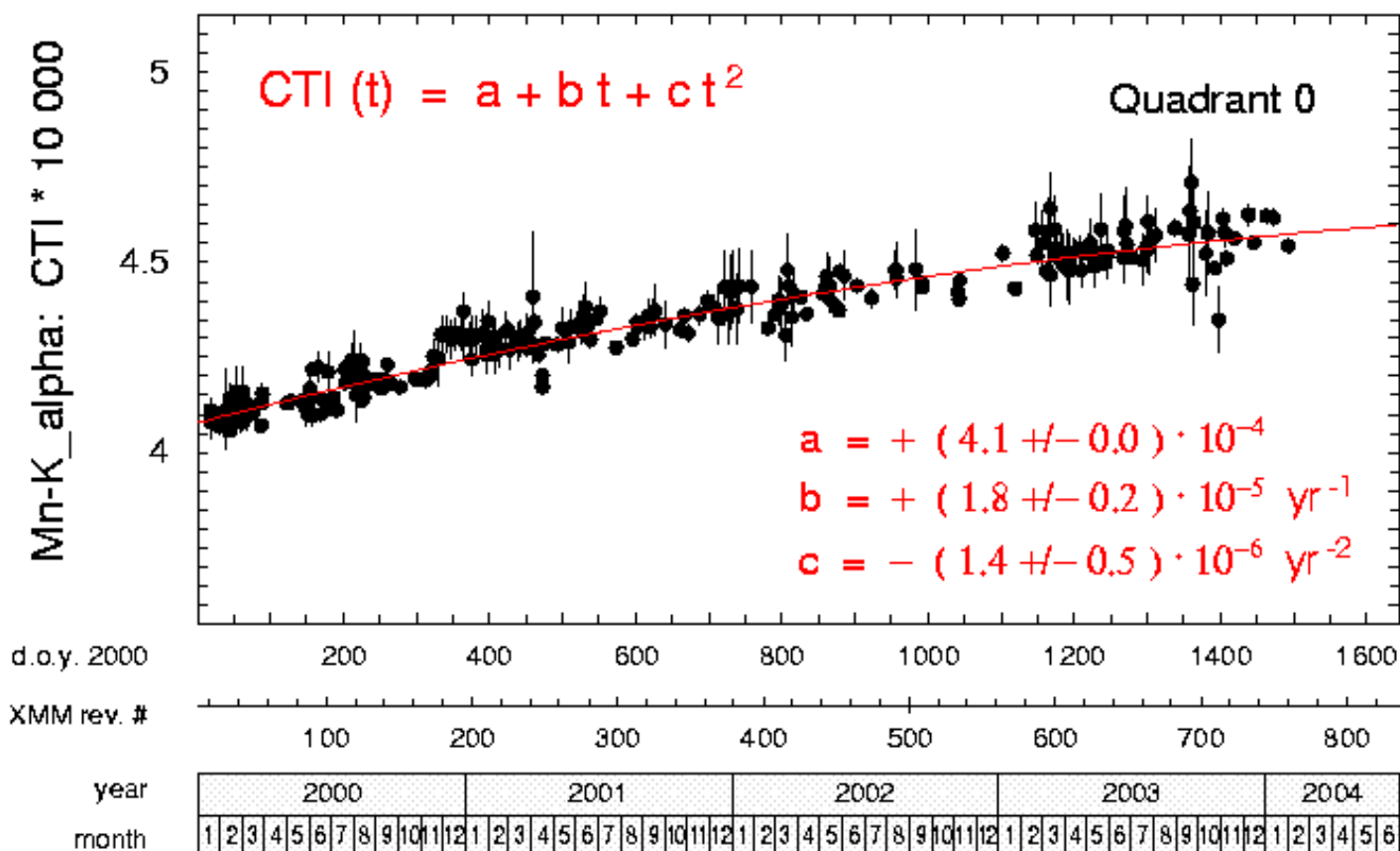
CTI @Mn-K: Quadrant 0





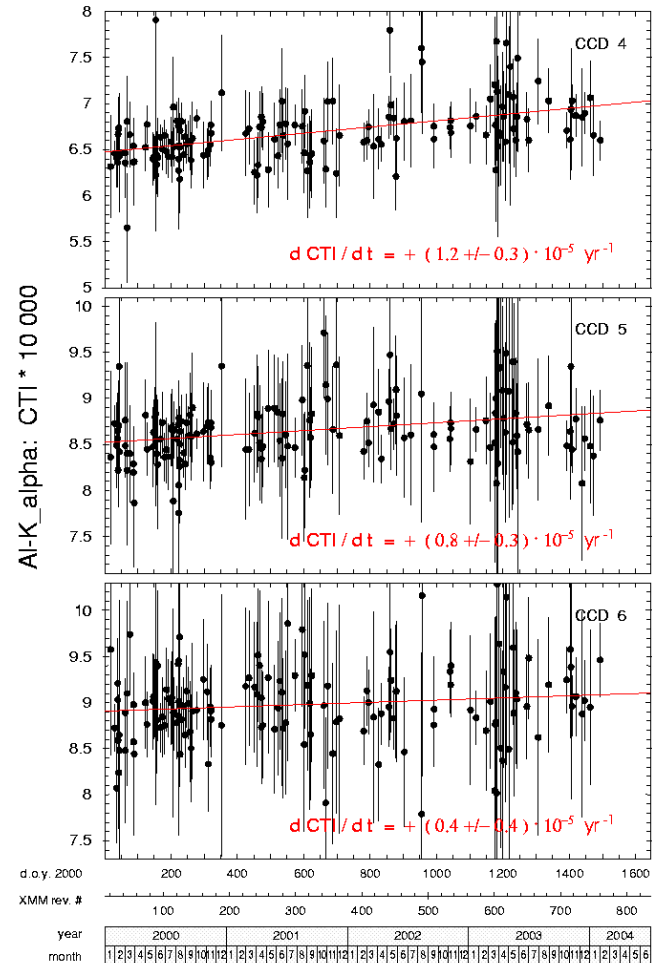
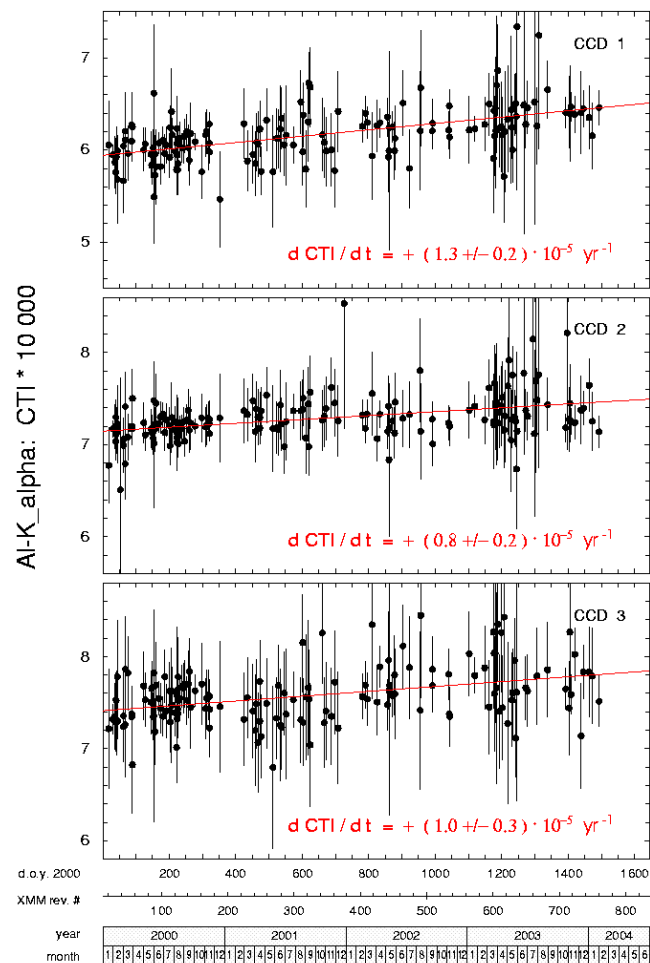
Full Frame Mode

CTI @Mn-K: Quadrant 0



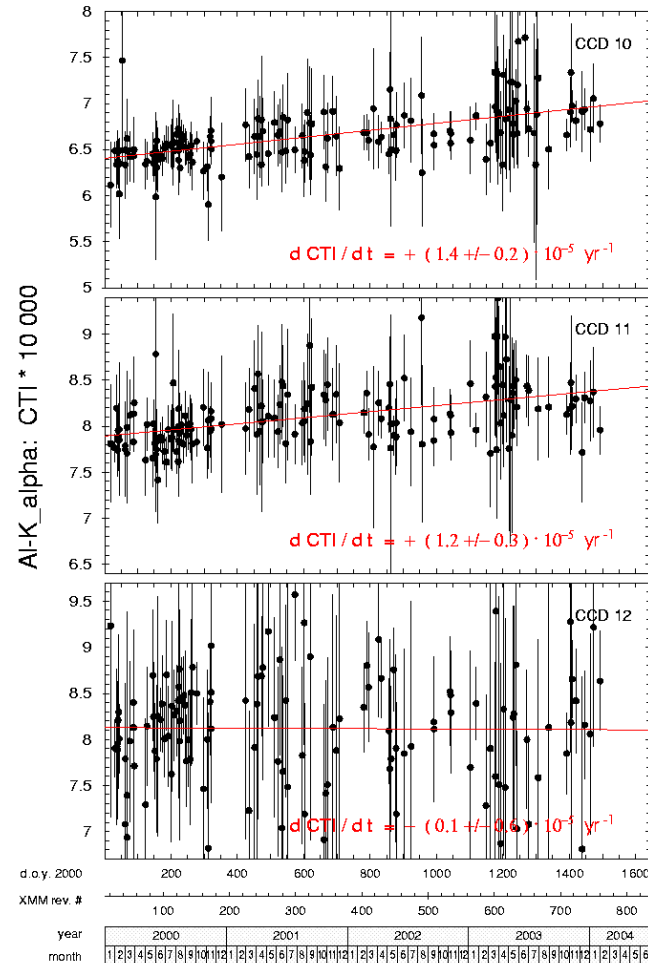
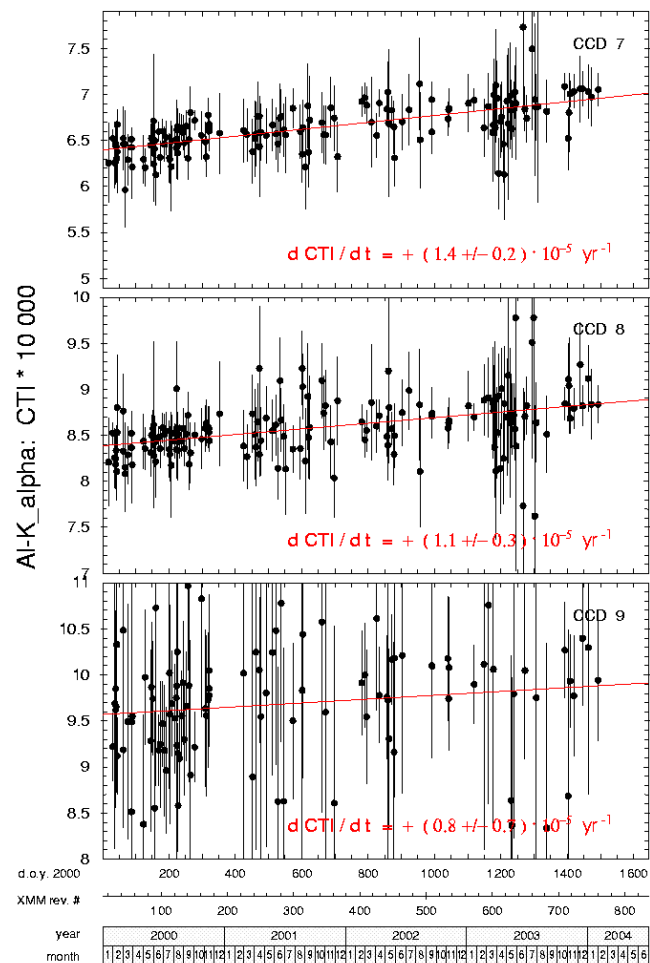
Full Frame Mode

CTI @ Al-K: Q0 & Q1



Full Frame Mode

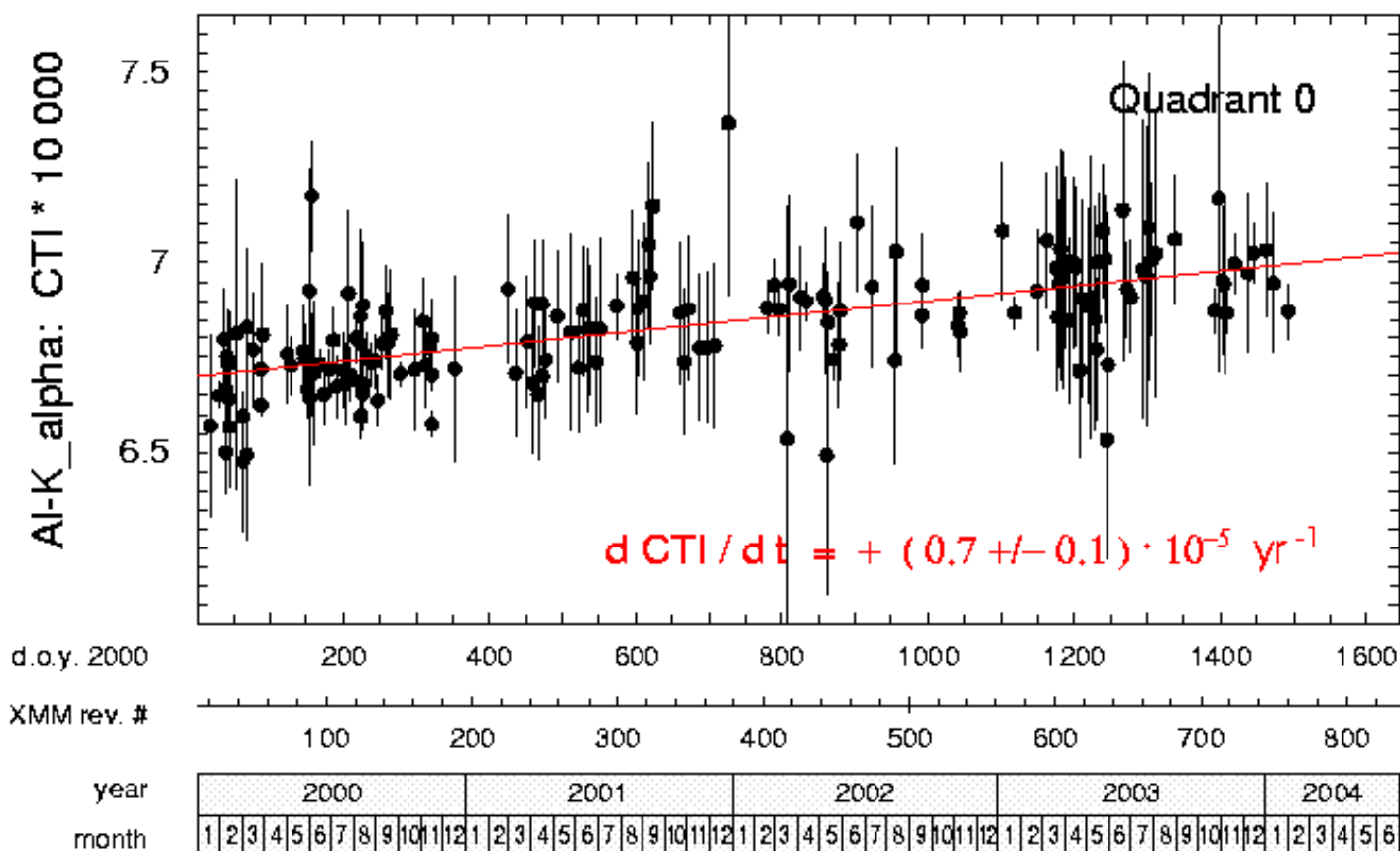
CTI @ Al-K: Q2 & Q3





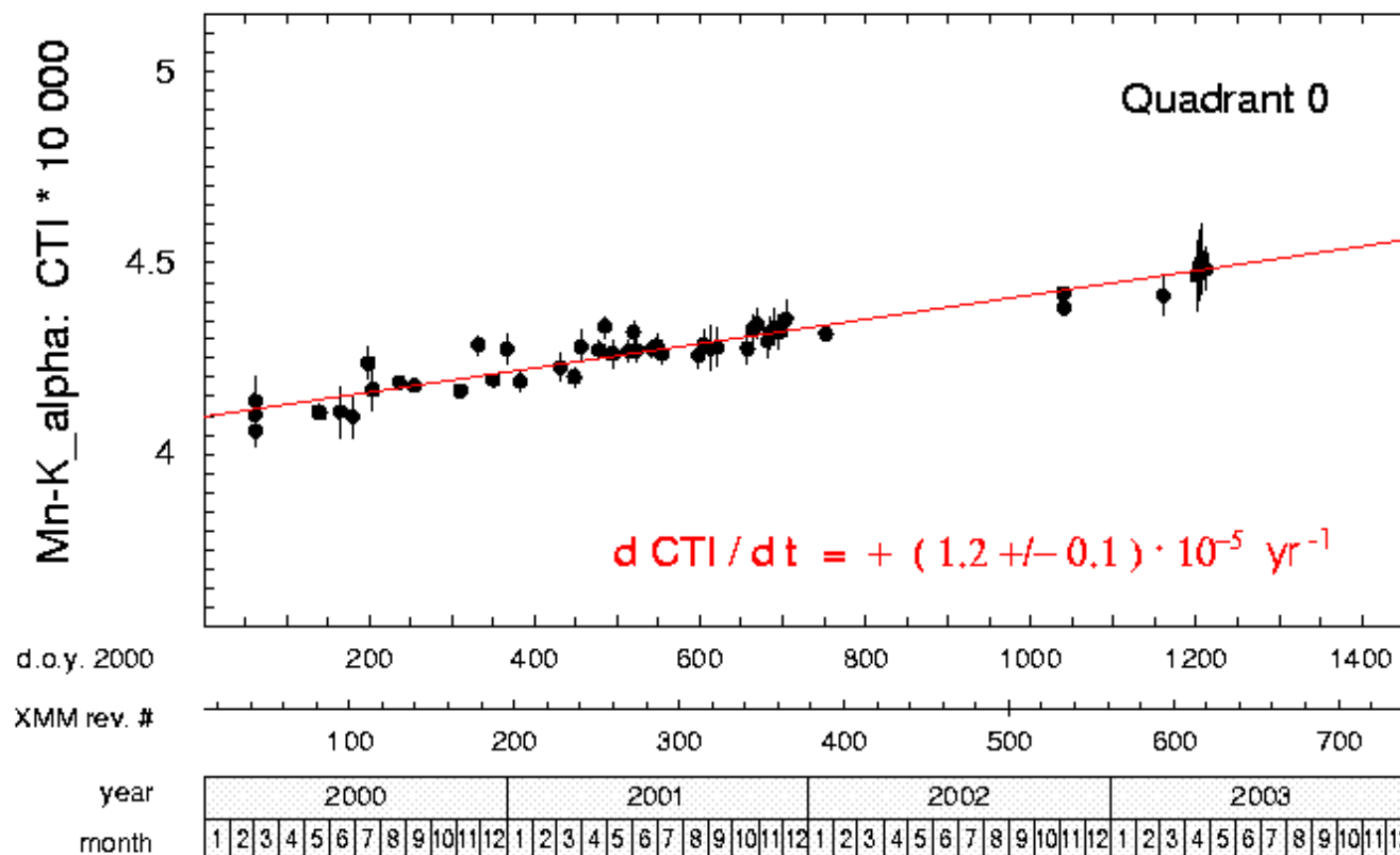
Full Frame Mode

CTI @Al-K: Quadrant 0

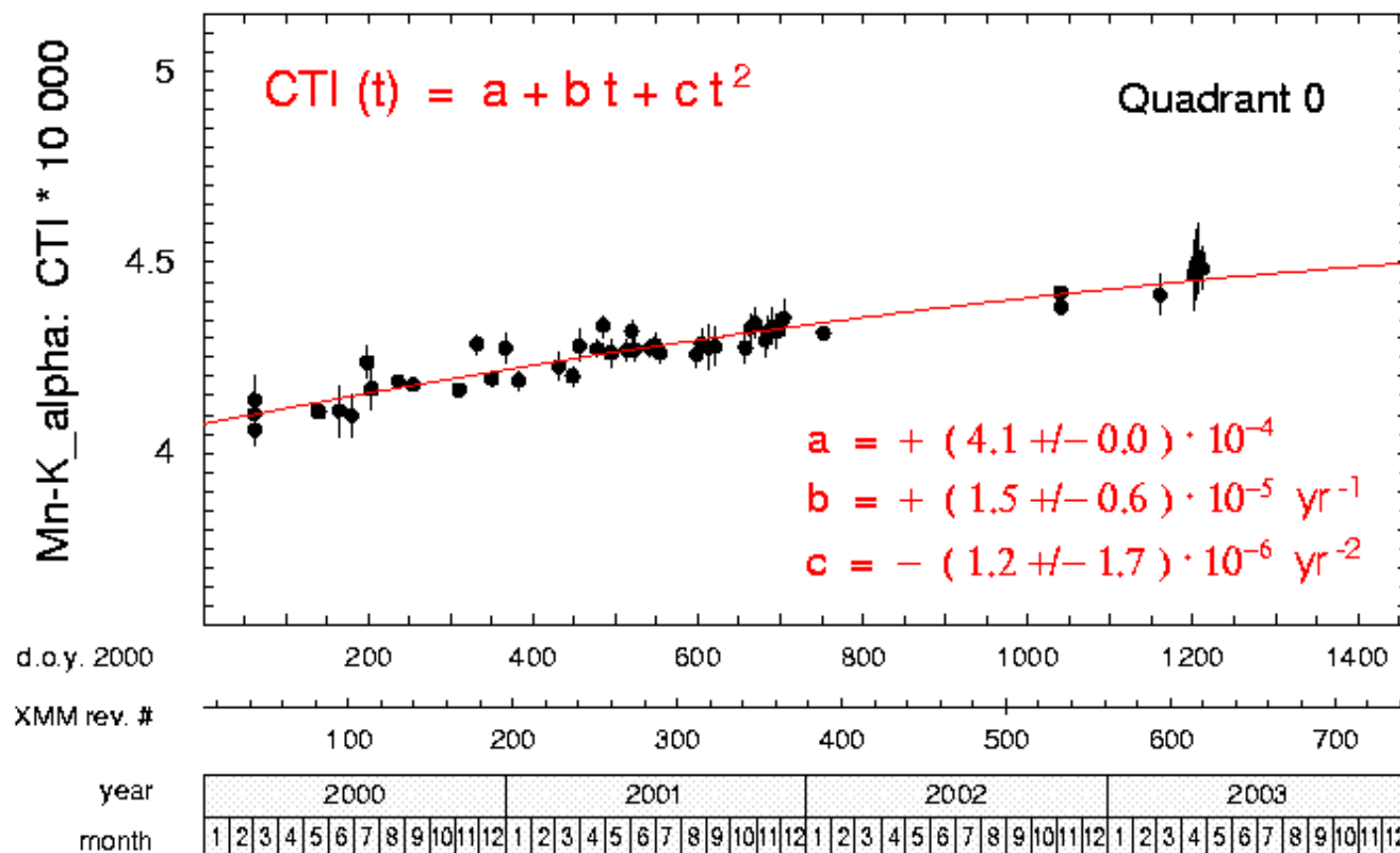




Extended Full Frame Mode CTI @Mn-K: Quadrant 0



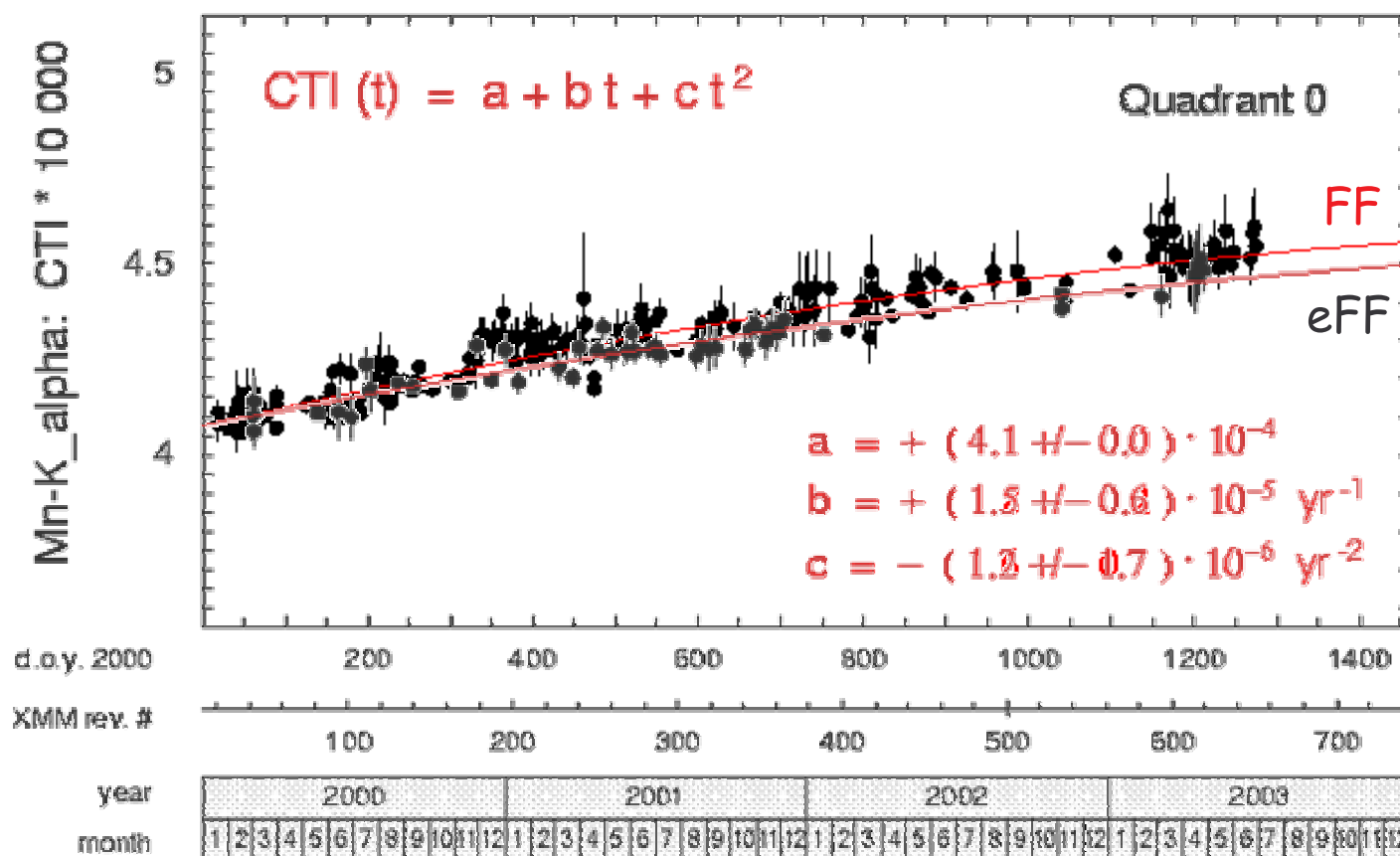
Extended Full Frame Mode CTI @Mn-K: Quadrant 0





FF and eFF Mode

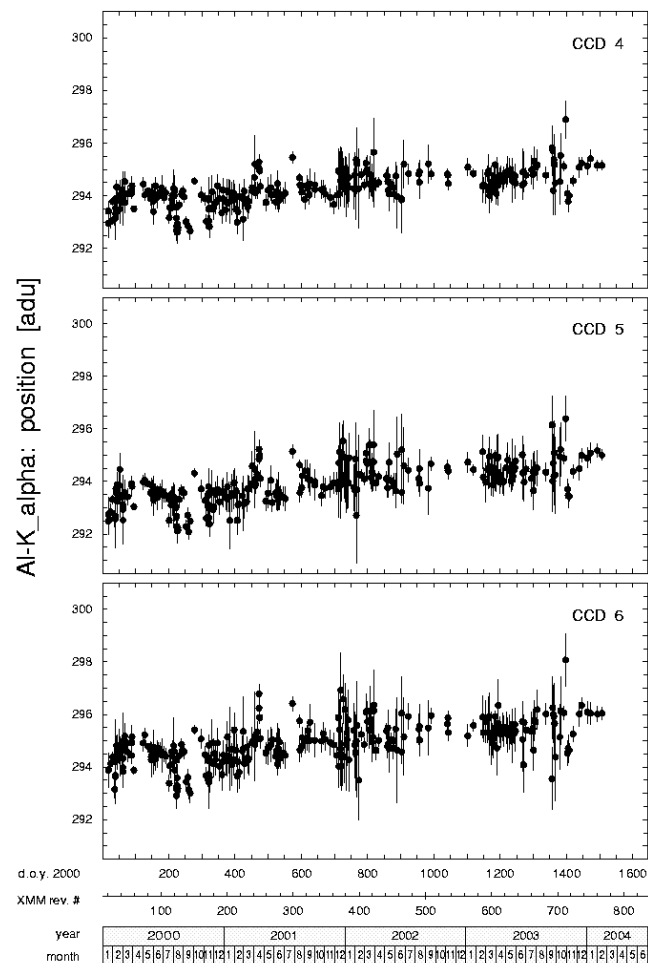
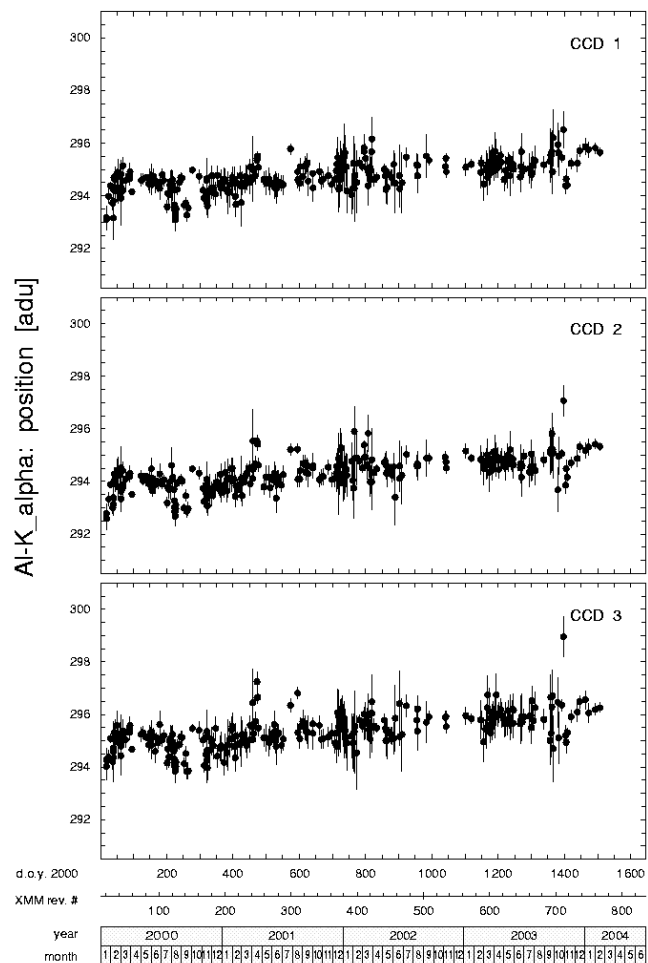
CTI @Mn-K: Quadrant 0





Full Frame Mode

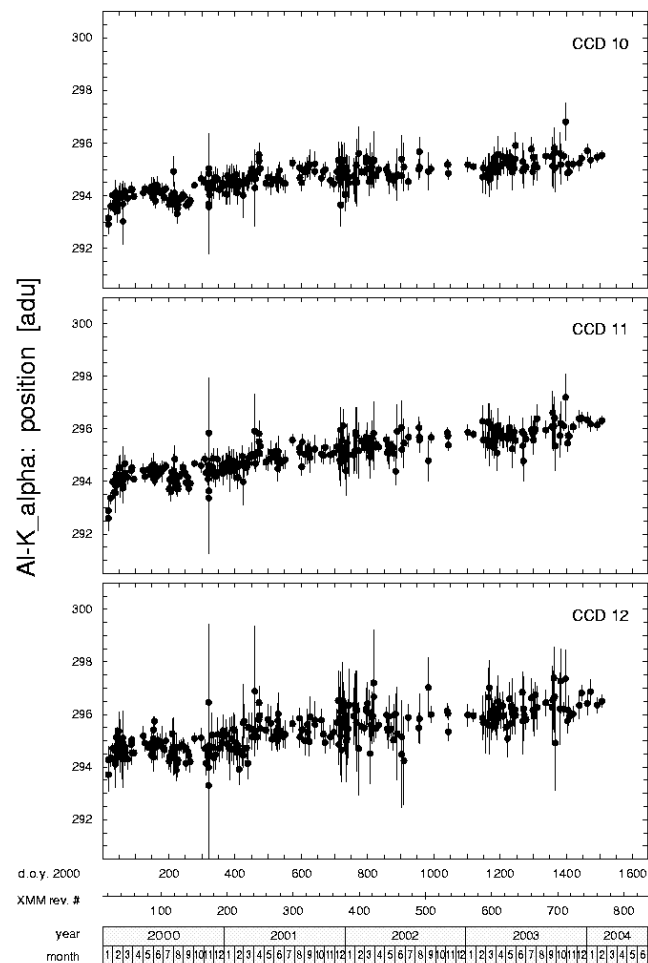
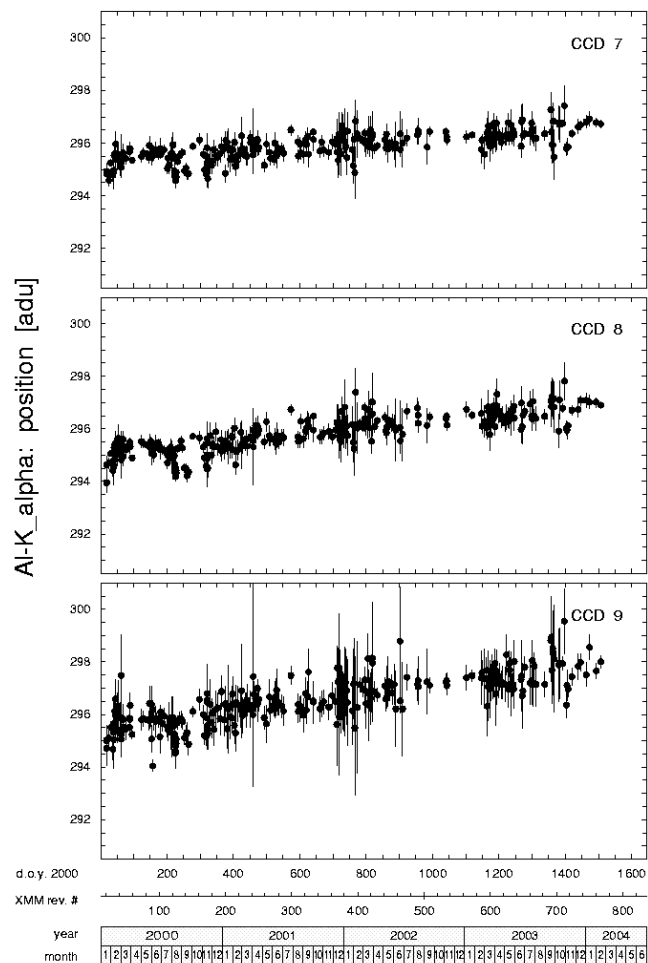
Peak position @ Al-K: Q0 & Q1





Full Frame Mode

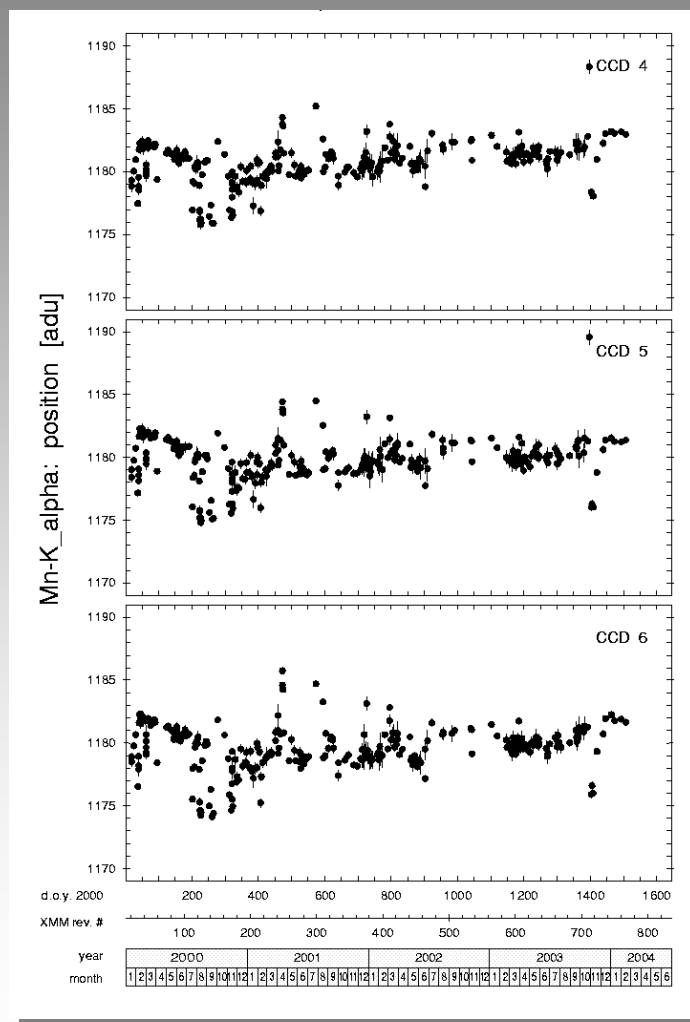
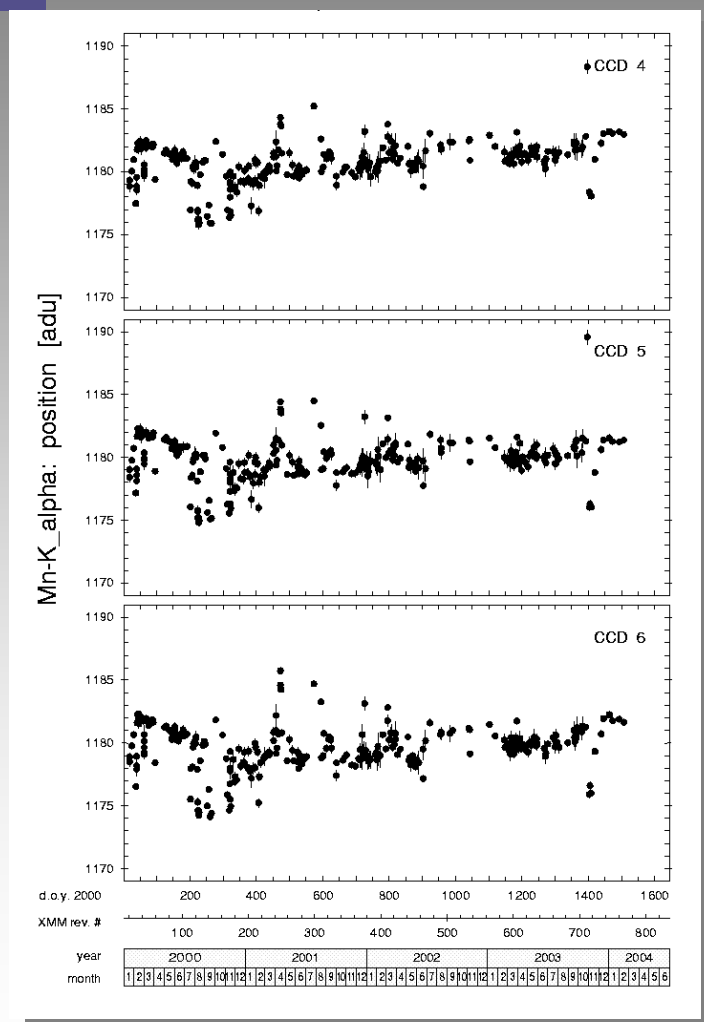
Peak position @ Al-K: Q2 & Q3





Full Frame Mode

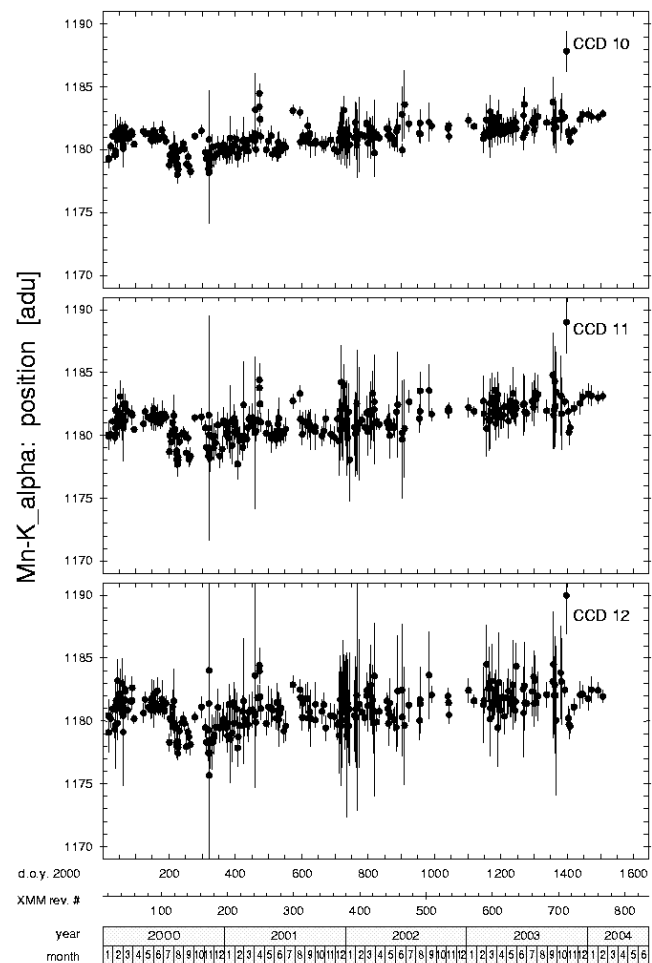
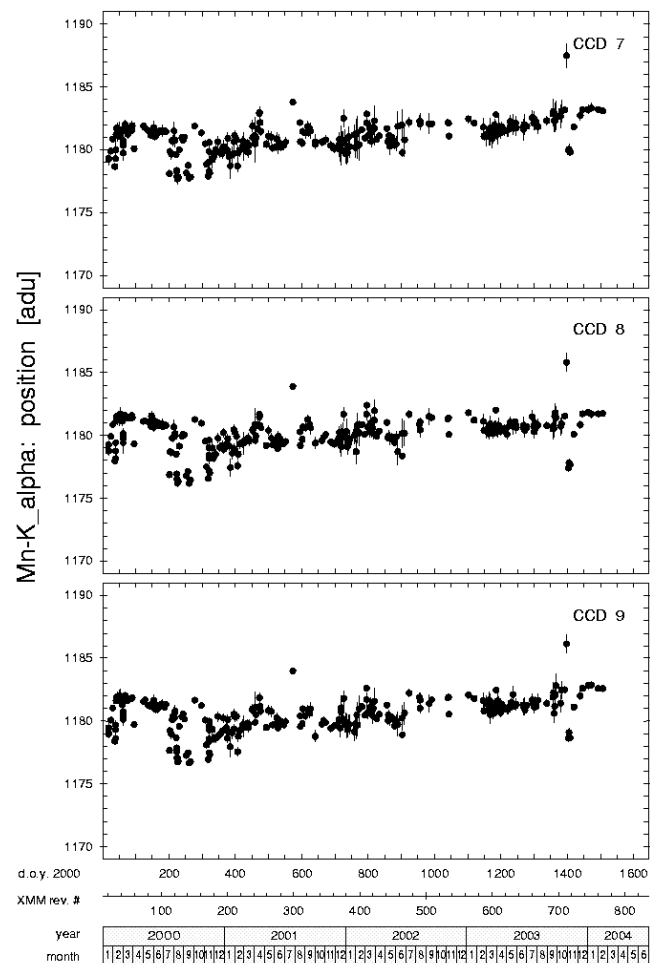
Peak position @ Mn-K: Q0 & Q1





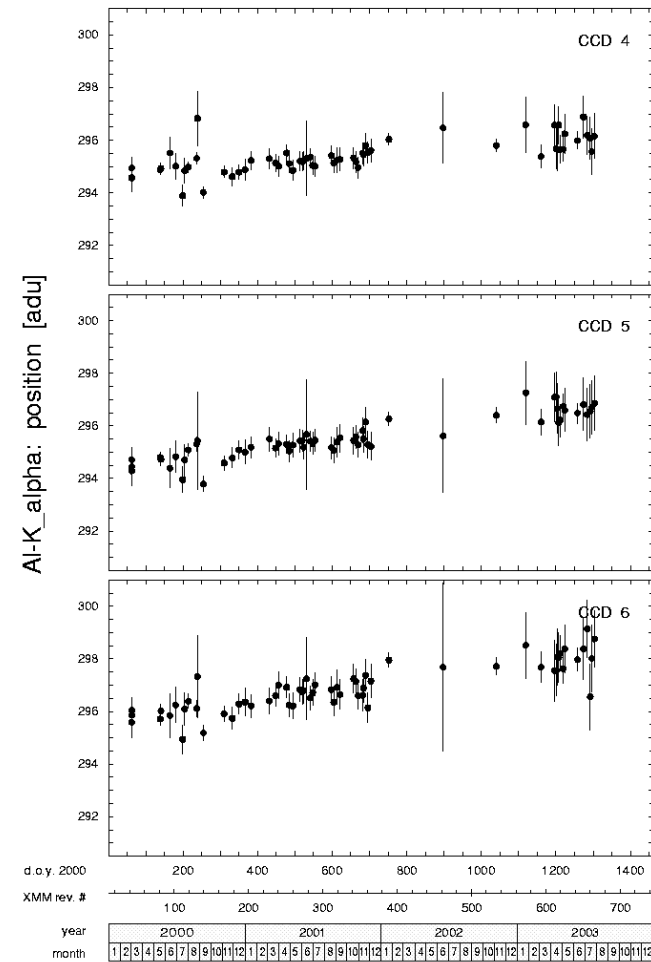
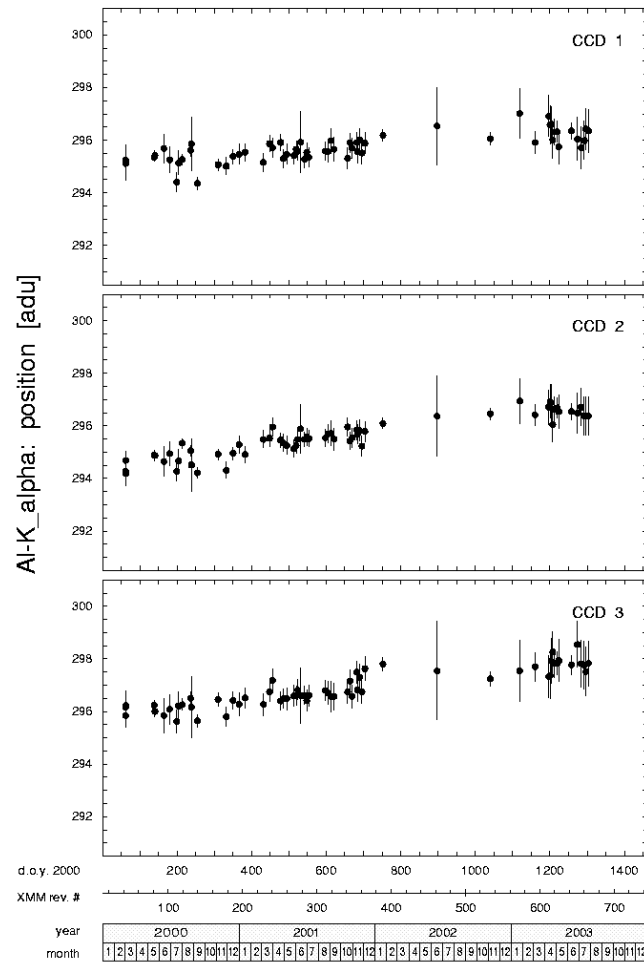
Full Frame Mode

Peak position @ Mn-K: Q2 & Q3



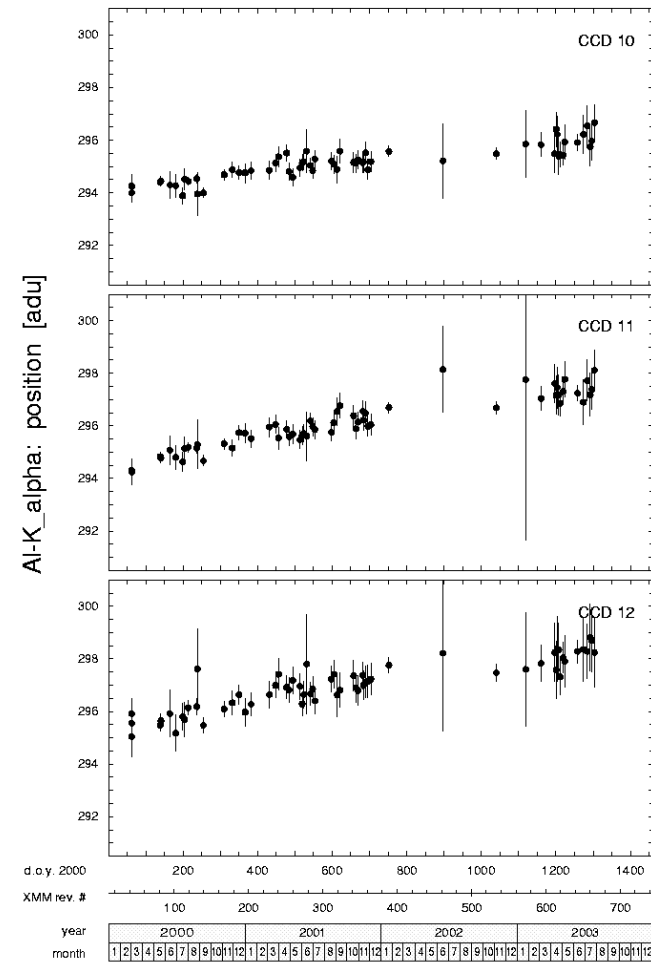
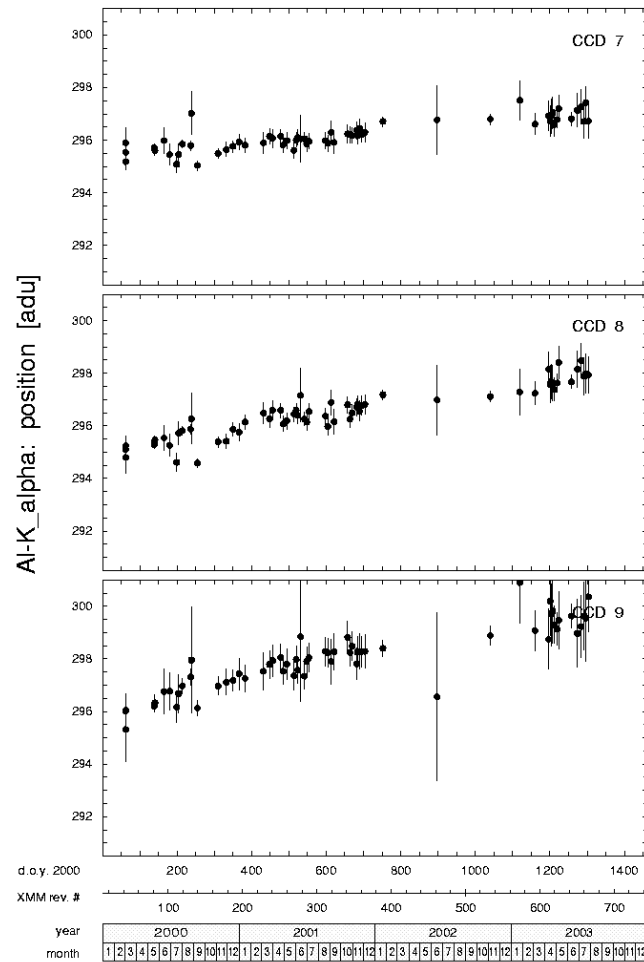
Extended Full Frame Mode

Peak position @ Al-K: Q0 & Q1



Extended Full Frame Mode

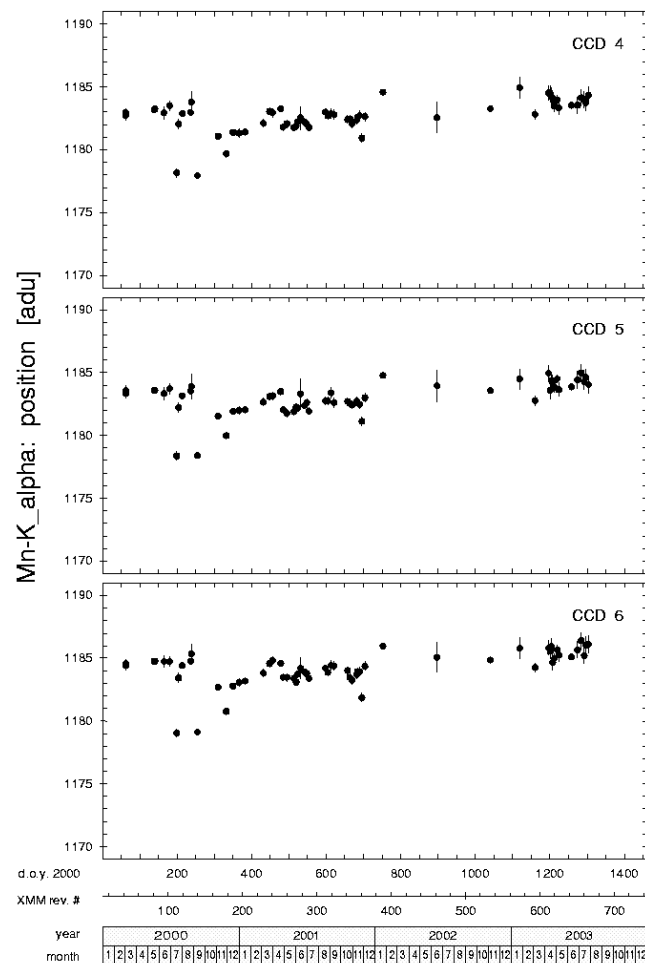
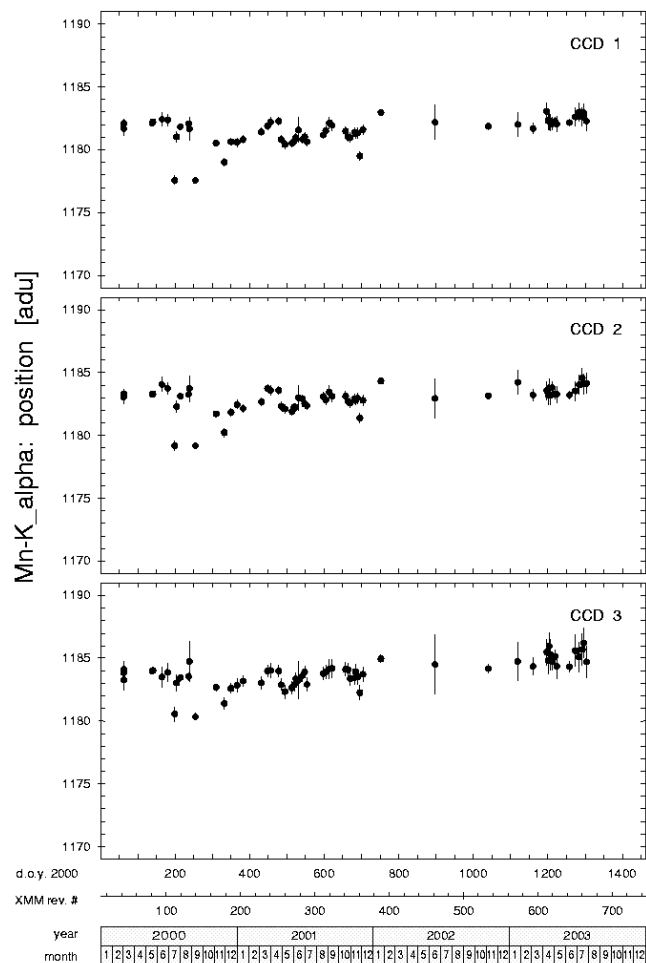
Peak position @ Al-K: Q2 & Q3





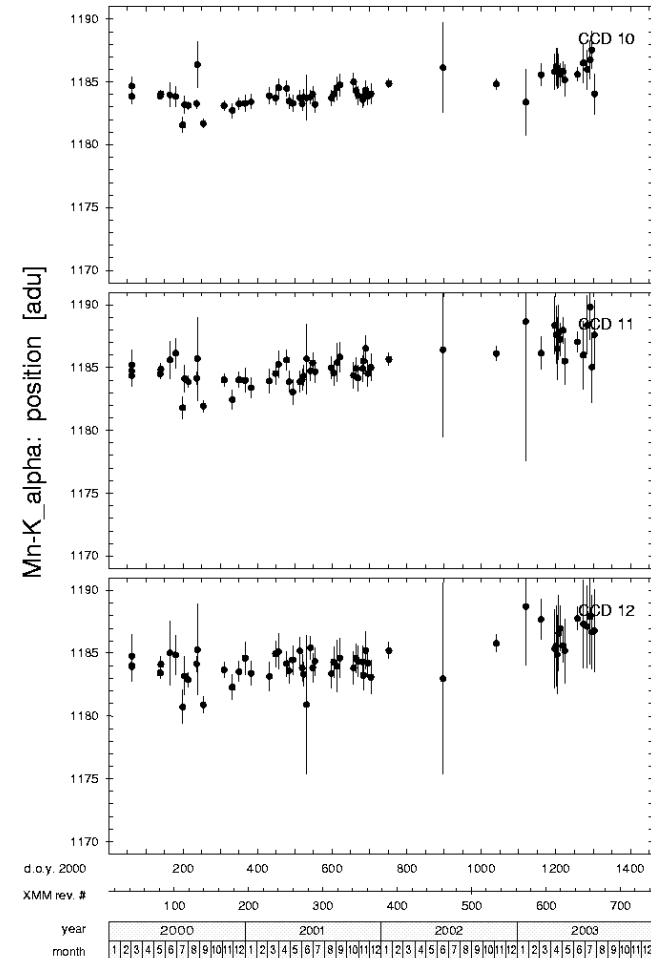
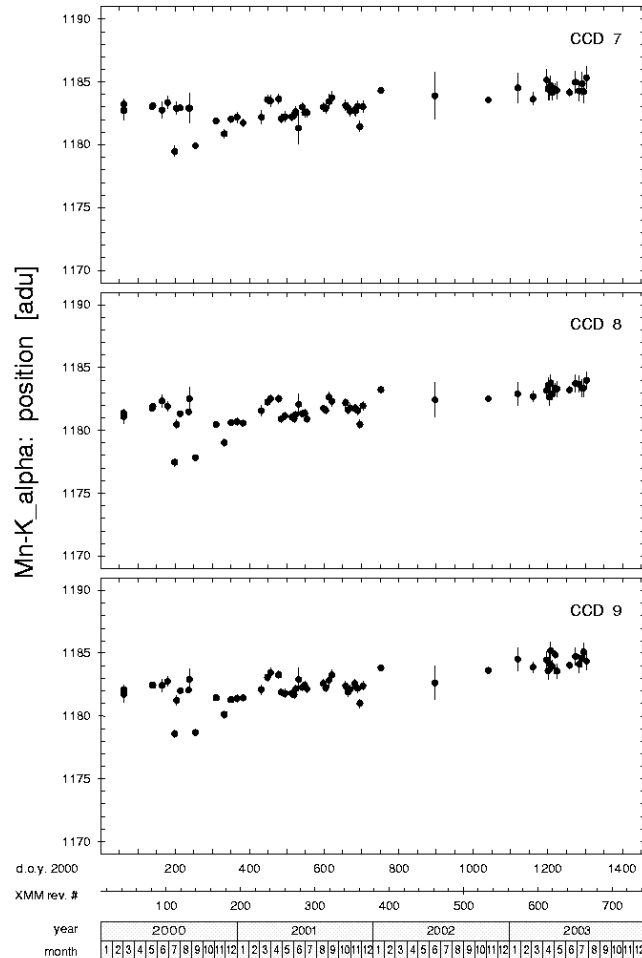
Extended Full Frame Mode

Peak position @ Mn-K: Q0 & Q1



Extended Full Frame Mode

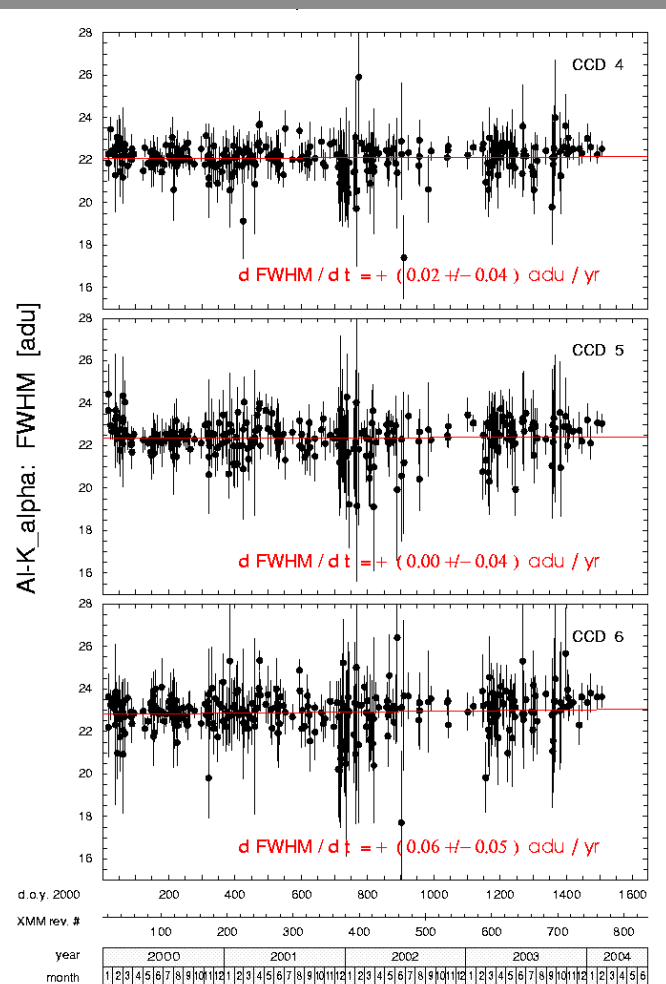
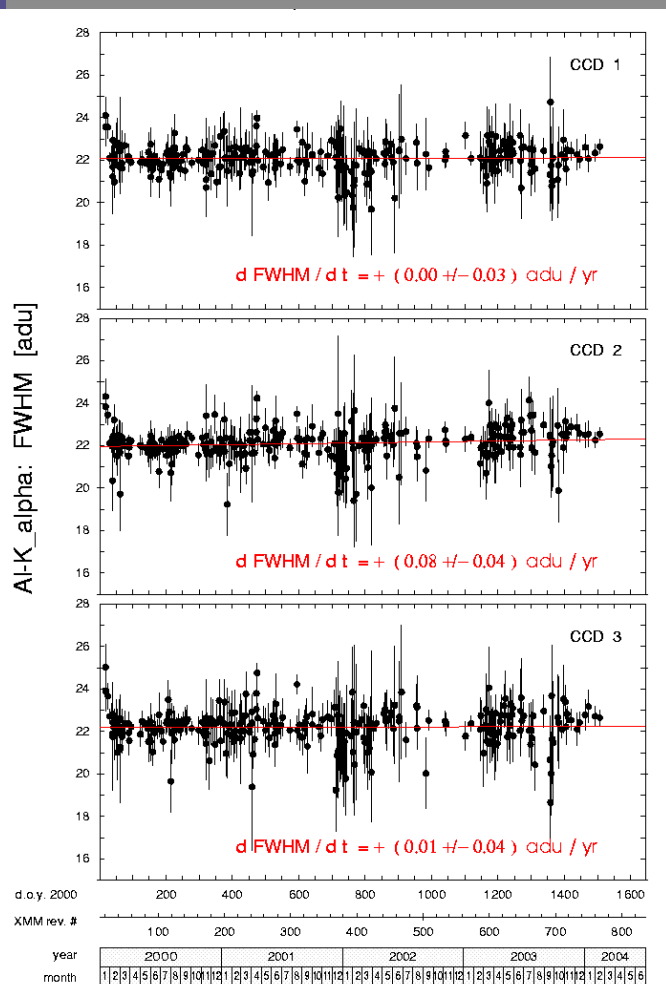
Peak position @ Mn-K: Q2 & Q3





Full Frame Mode

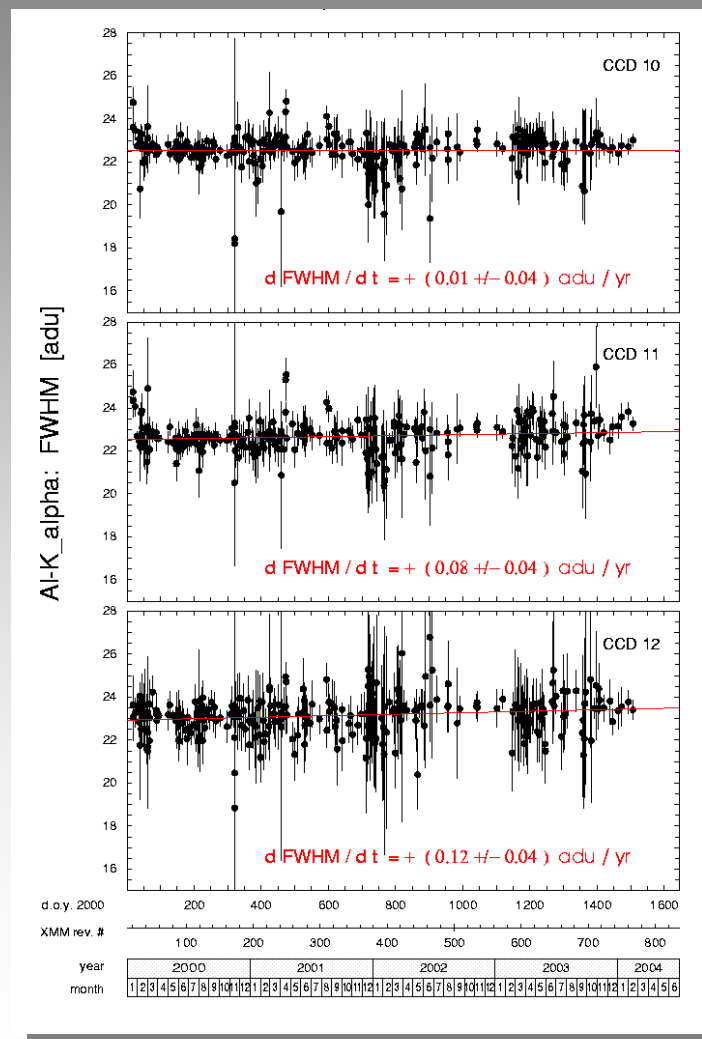
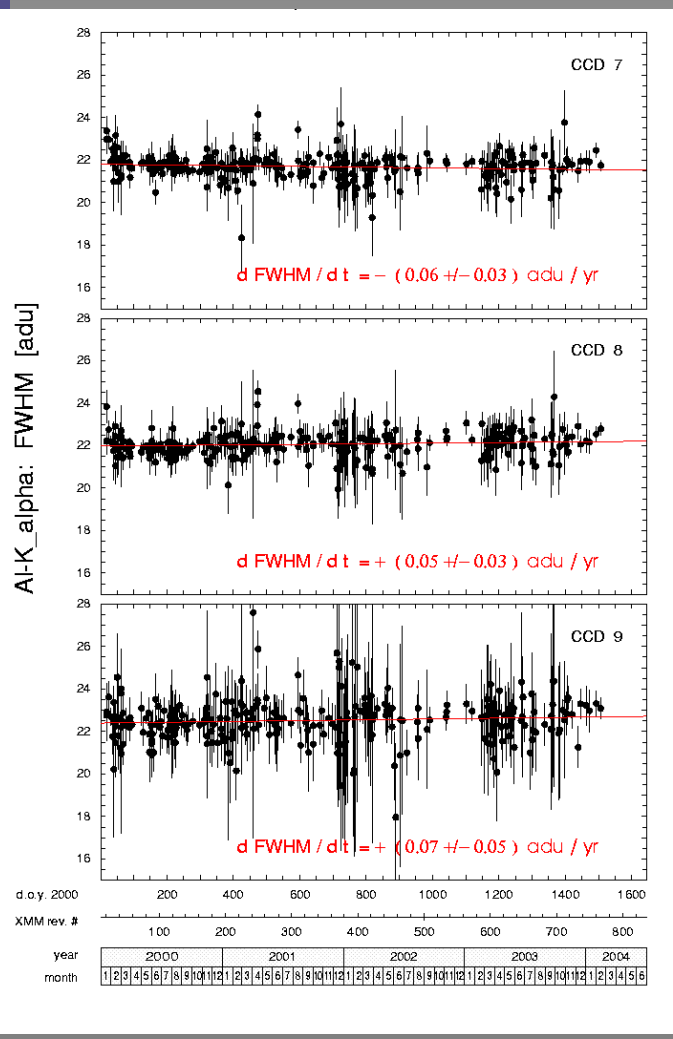
Energy resolution @ Al-K: Q0 & Q1





Full Frame Mode

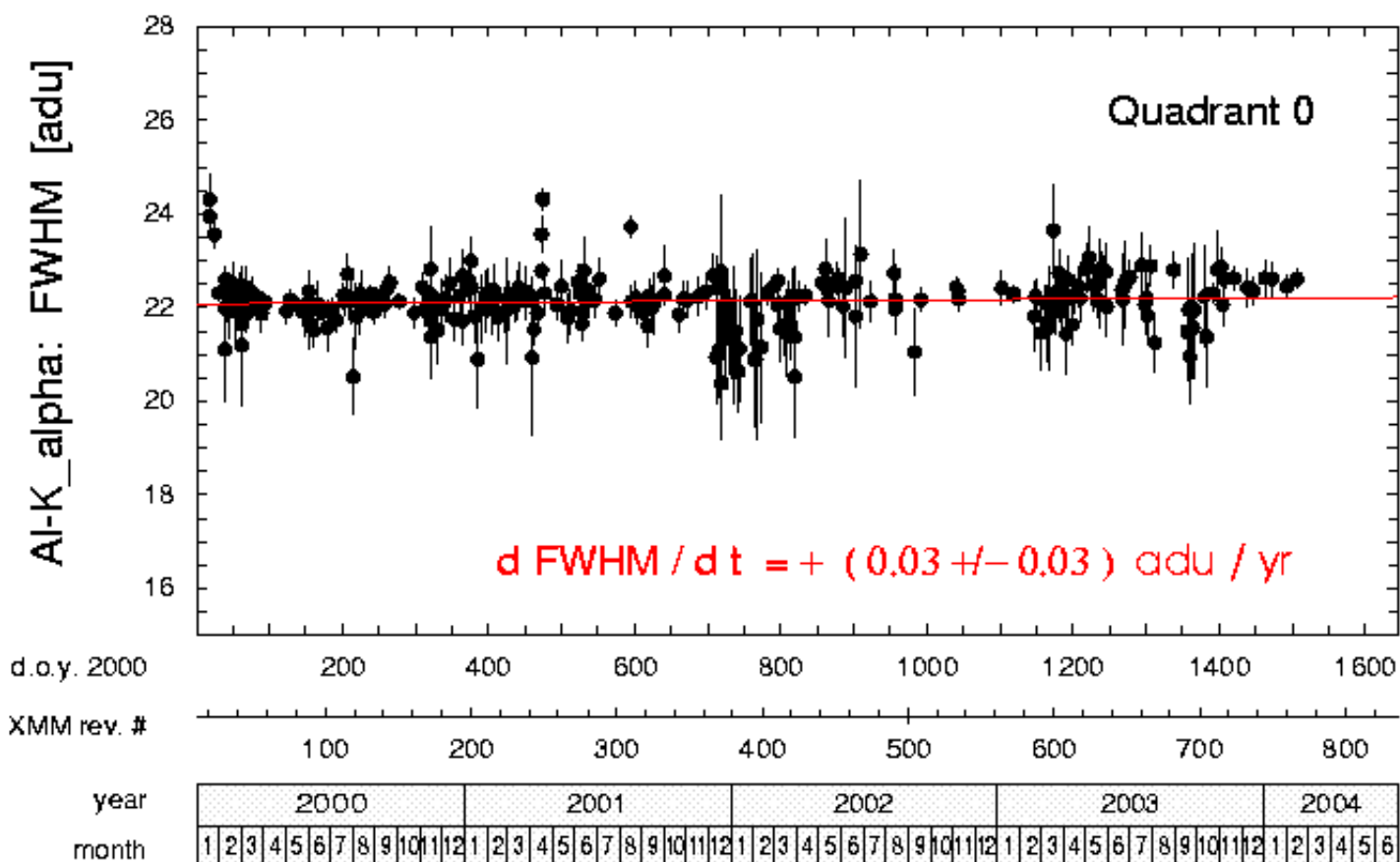
Energy resolution @ Al-K: Q2 & Q3





Full Frame Mode

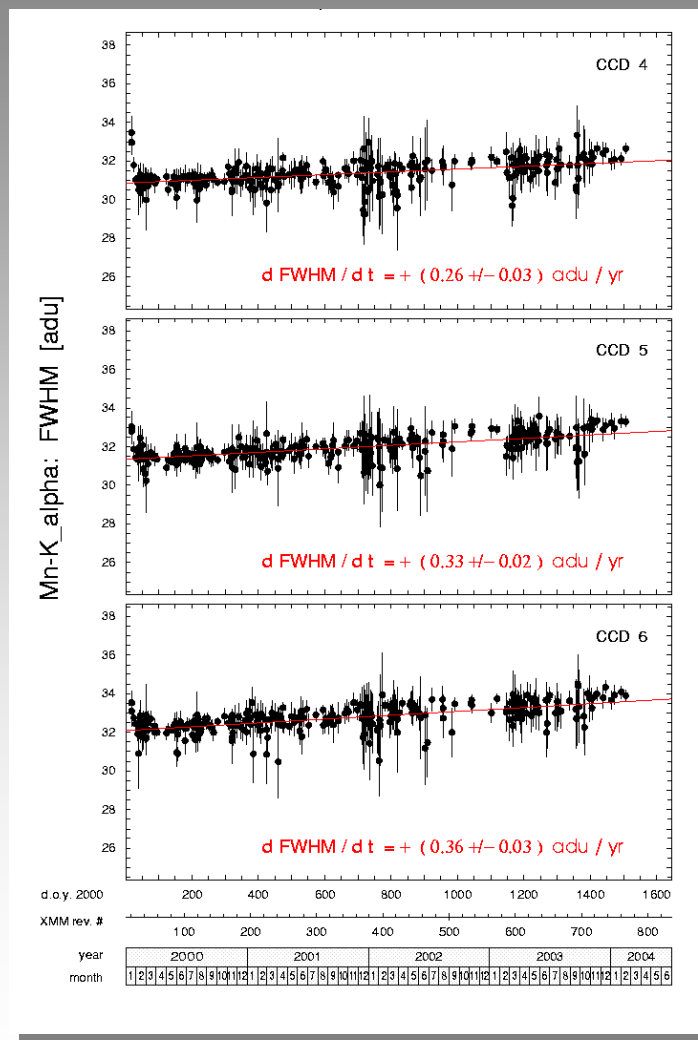
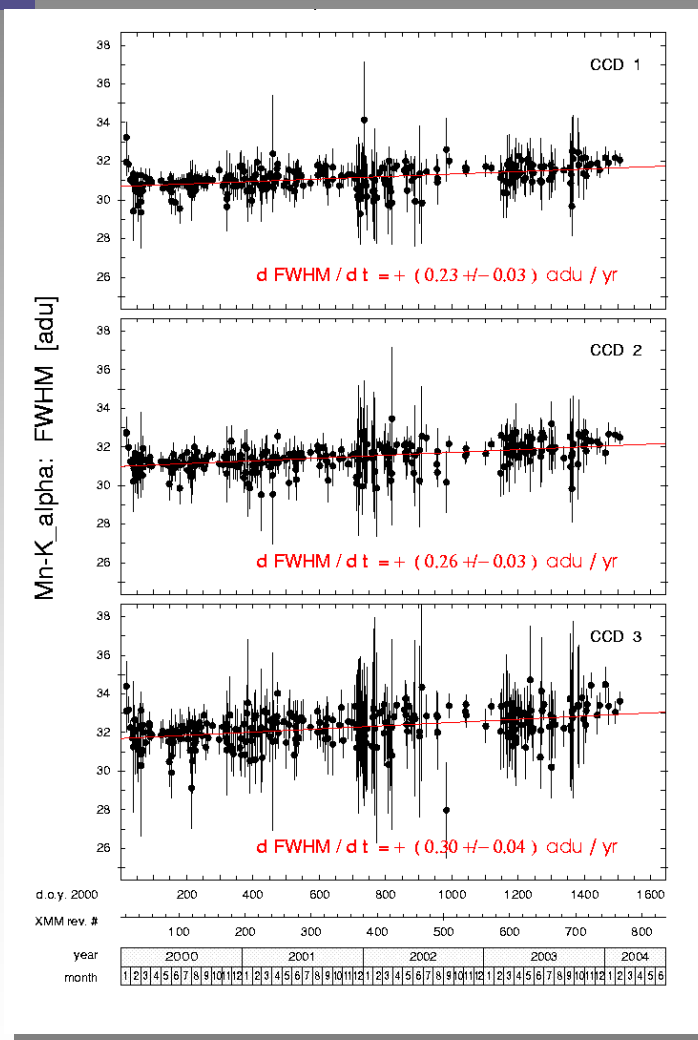
Energy resolution @Al-K: Quadrant 0





Full Frame Mode

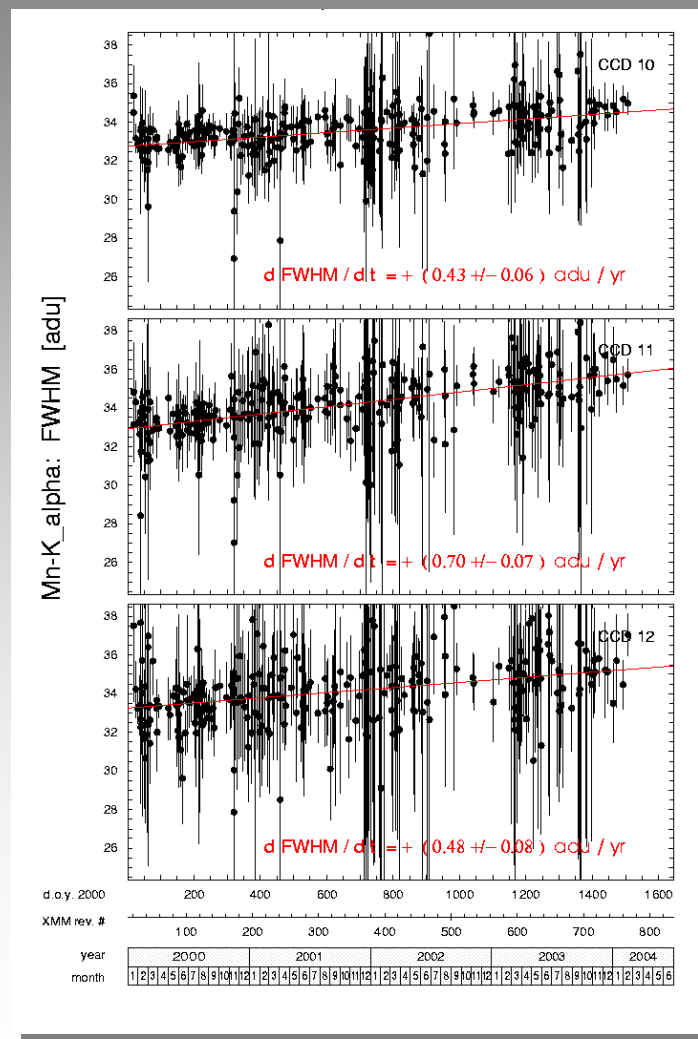
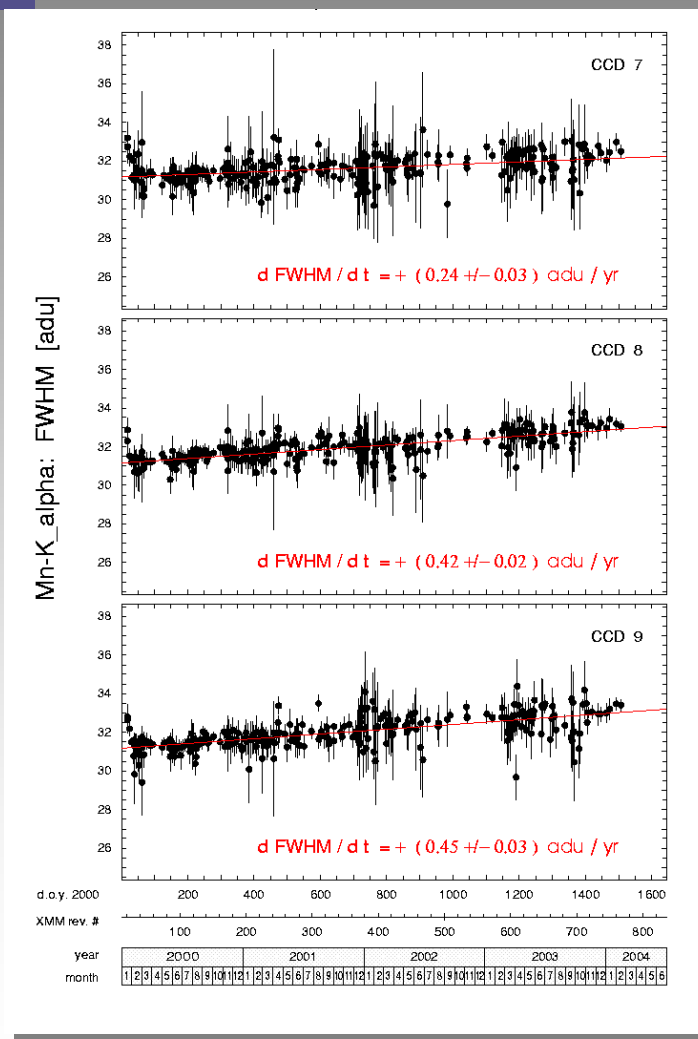
Energy resolution @ Mn-K: Q0 & Q1





Full Frame Mode

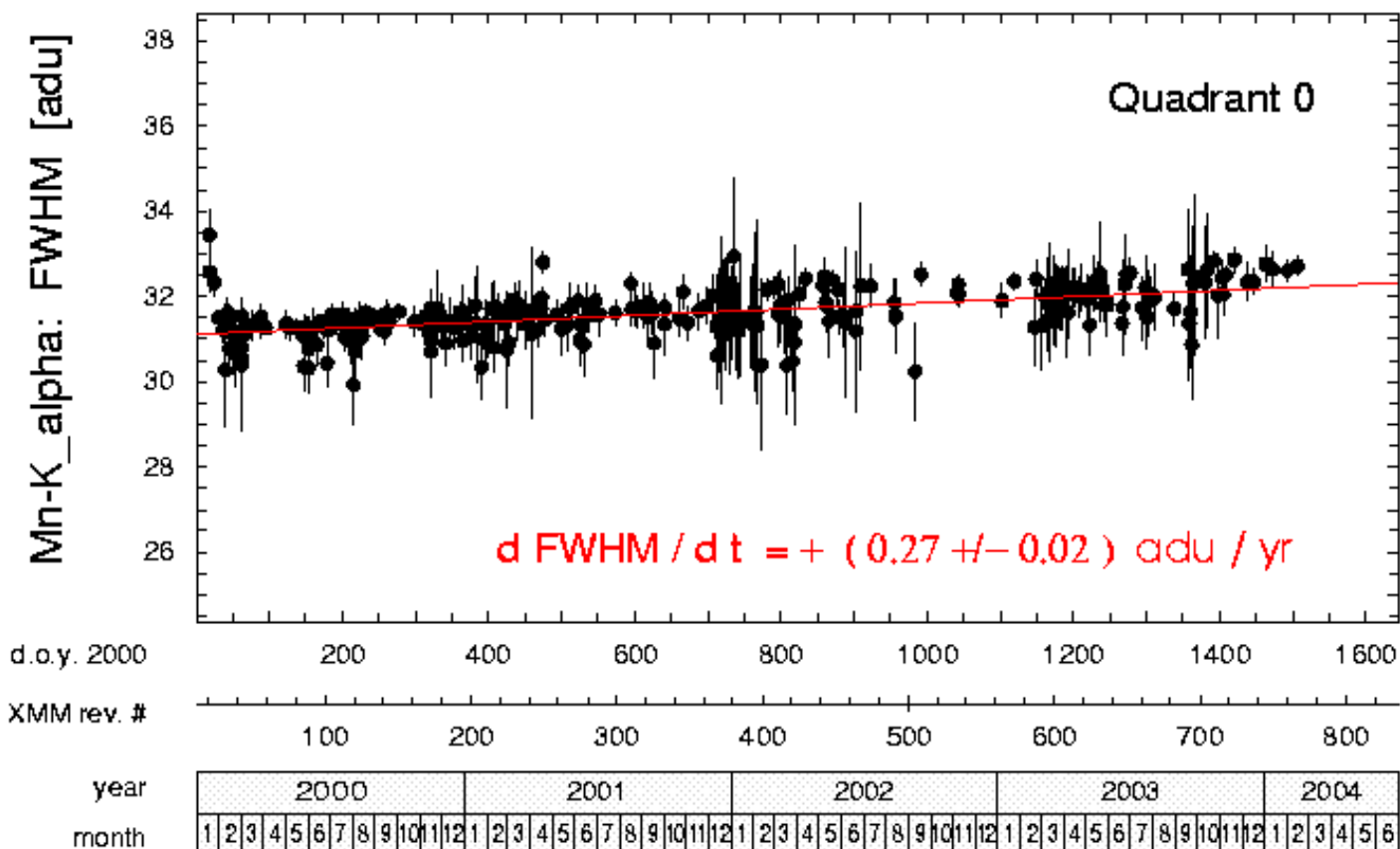
Energy resolution @ Mn-K: Q2 & Q3





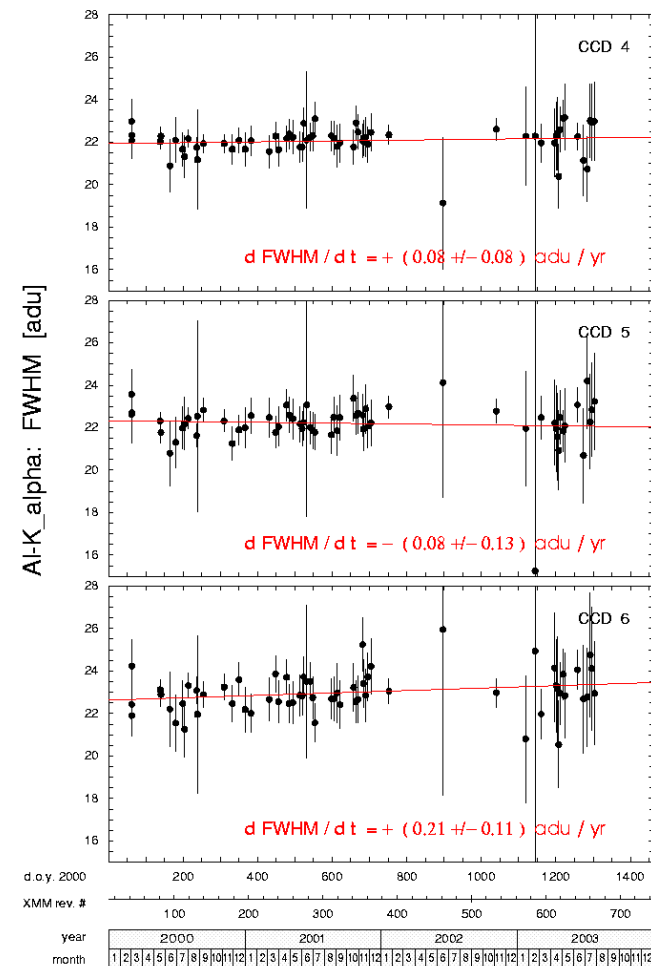
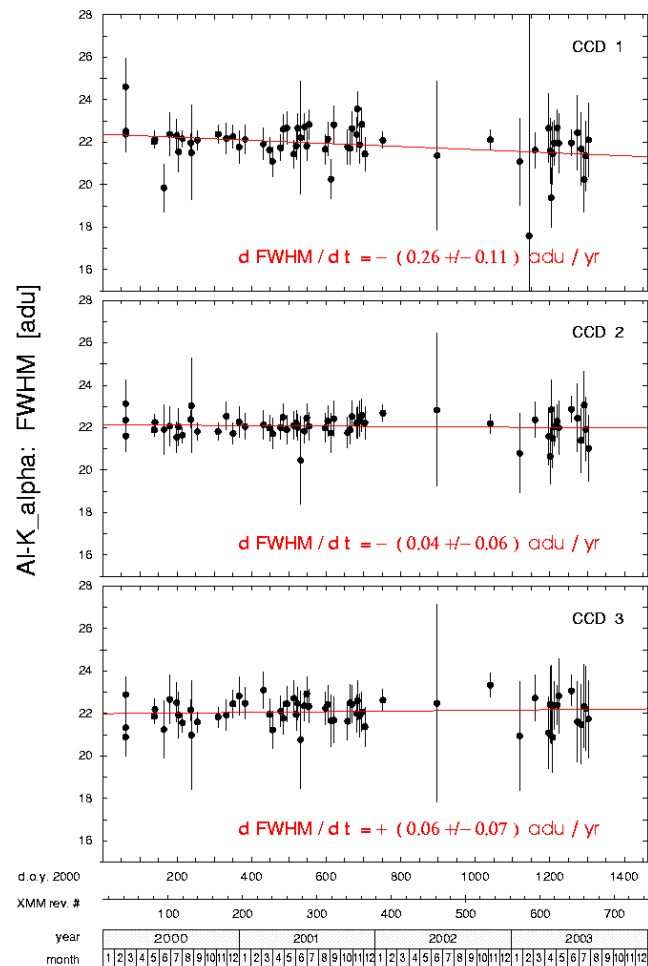
Full Frame Mode

Energy resolution @Mn-K: Quadrant 0



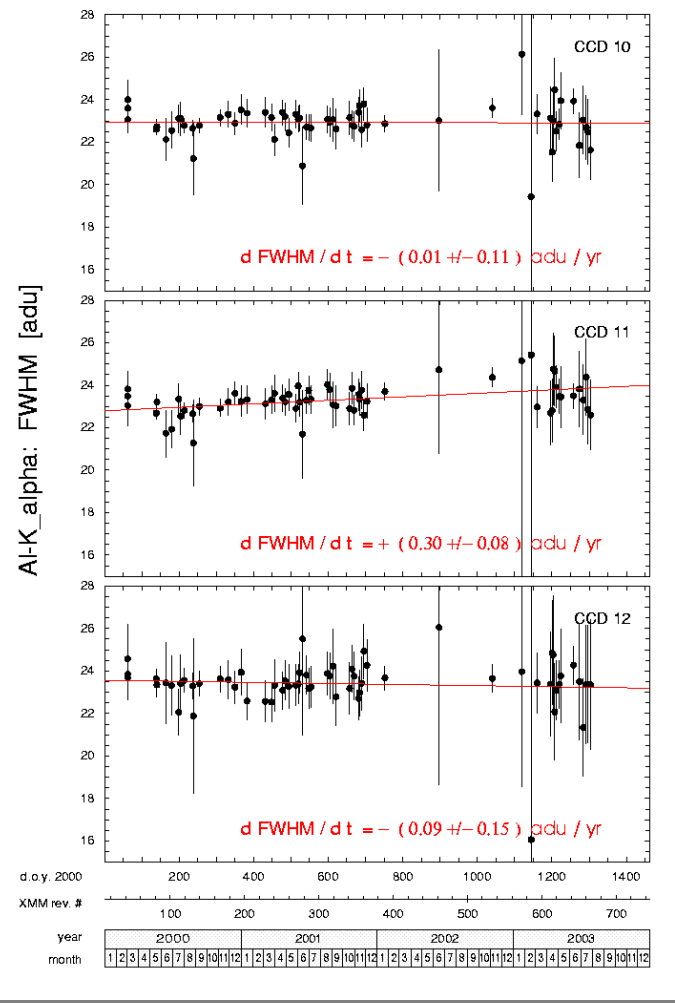
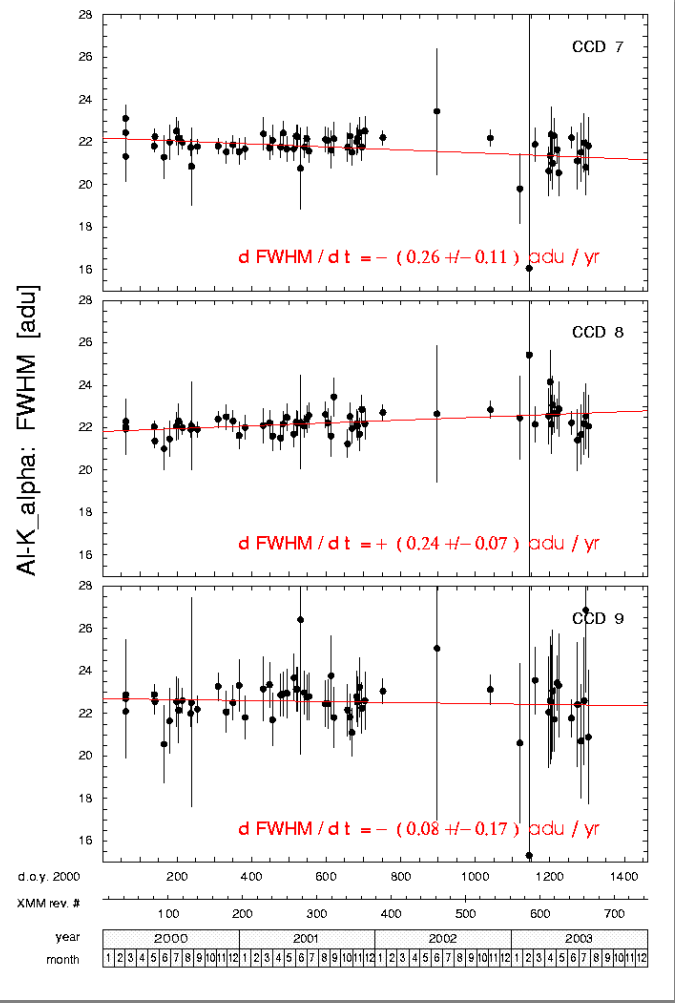
Extended Full Frame Mode

Energy resolution @ Al-K: Q0 & Q1



Extended Full Frame Mode

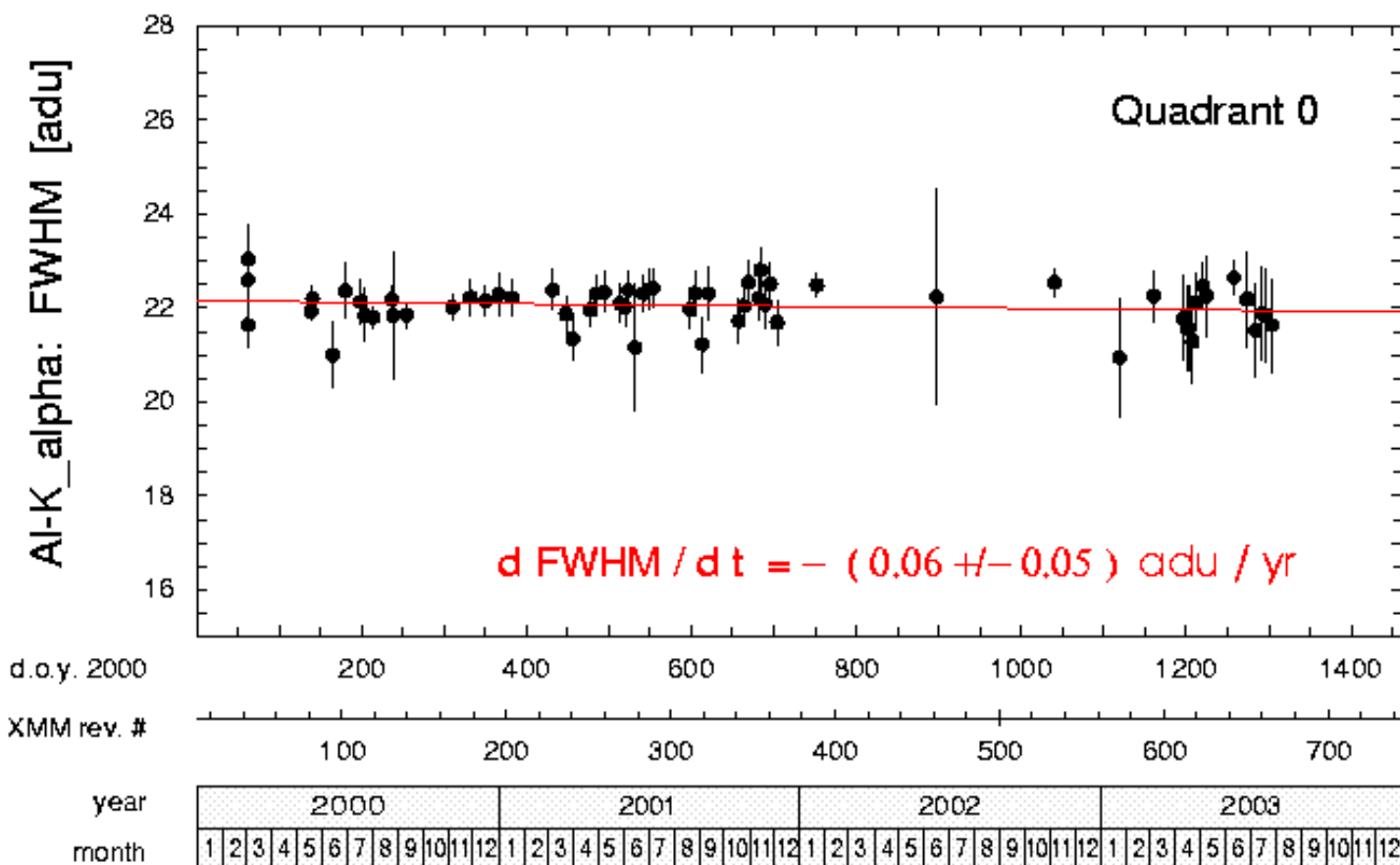
Energy resolution @ Al-K: Q2 & Q3





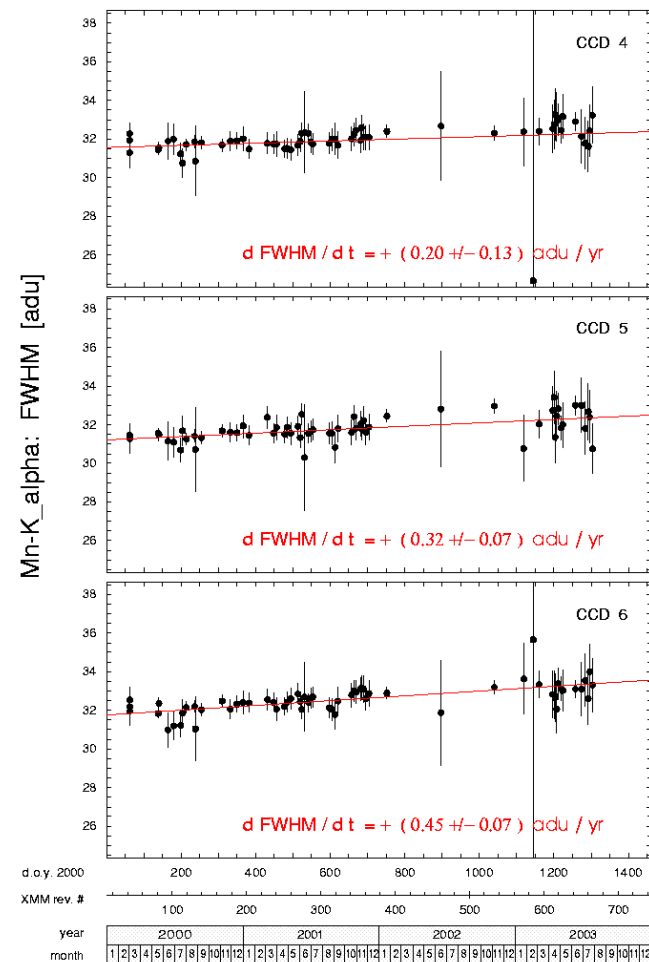
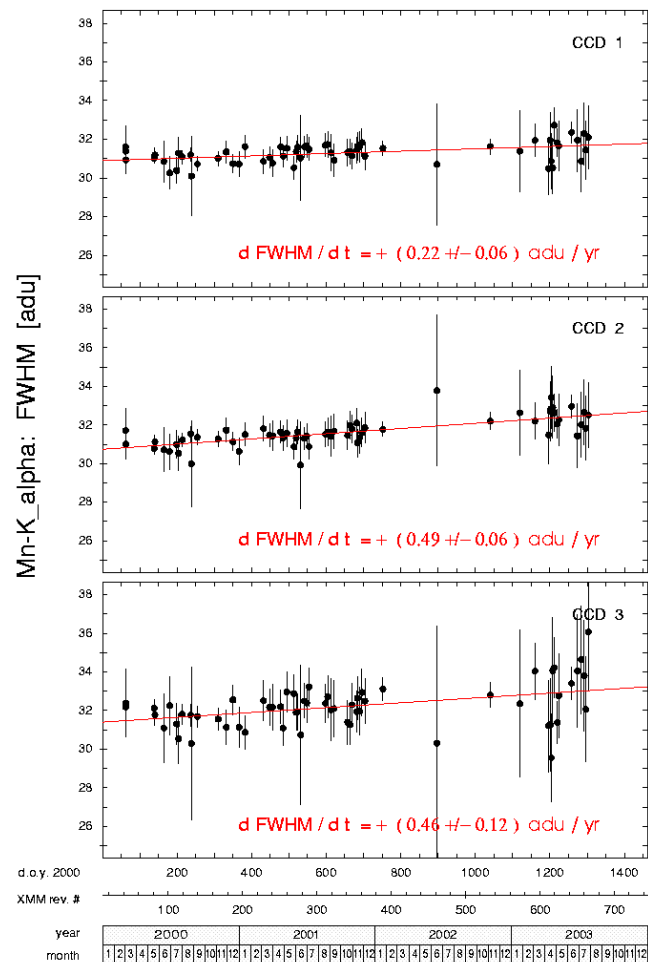
Extended Full Frame Mode

Energy resolution @Al-K: Quadrant 0



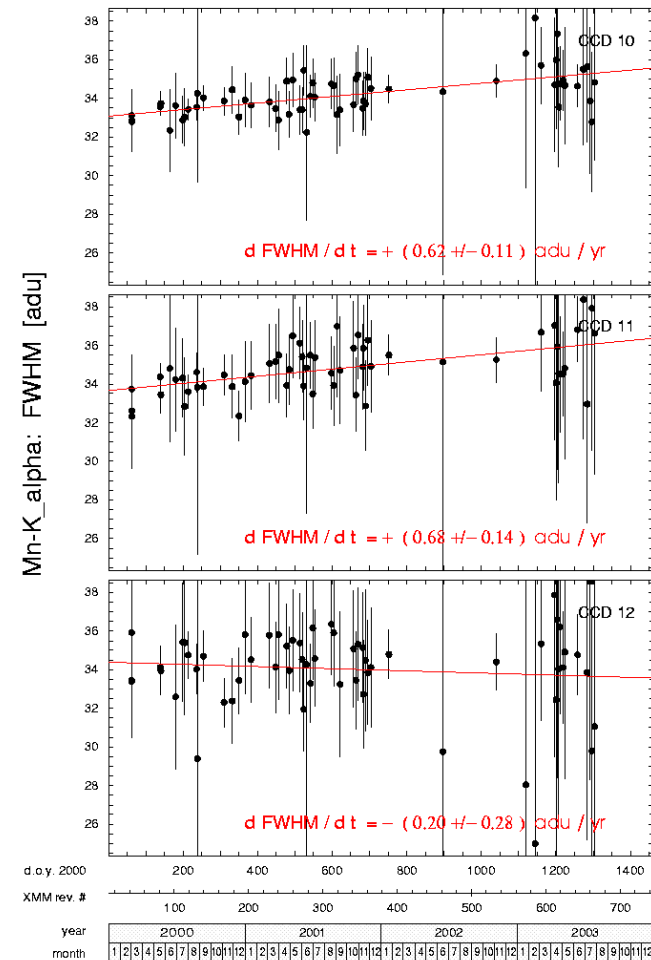
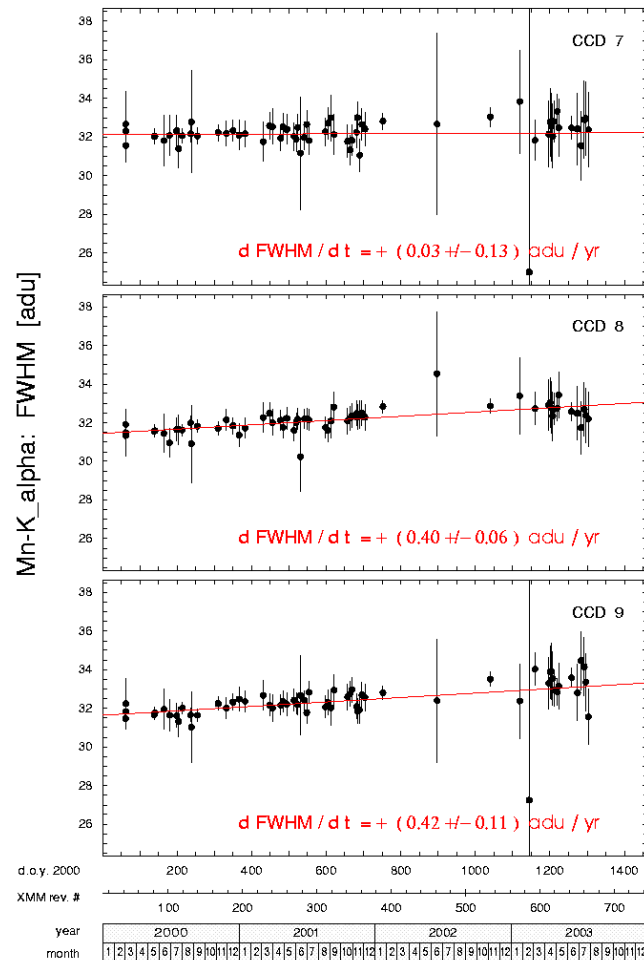
Extended Full Frame Mode

Energy resolution @ Mn-K: Q0 & Q1



Extended Full Frame Mode

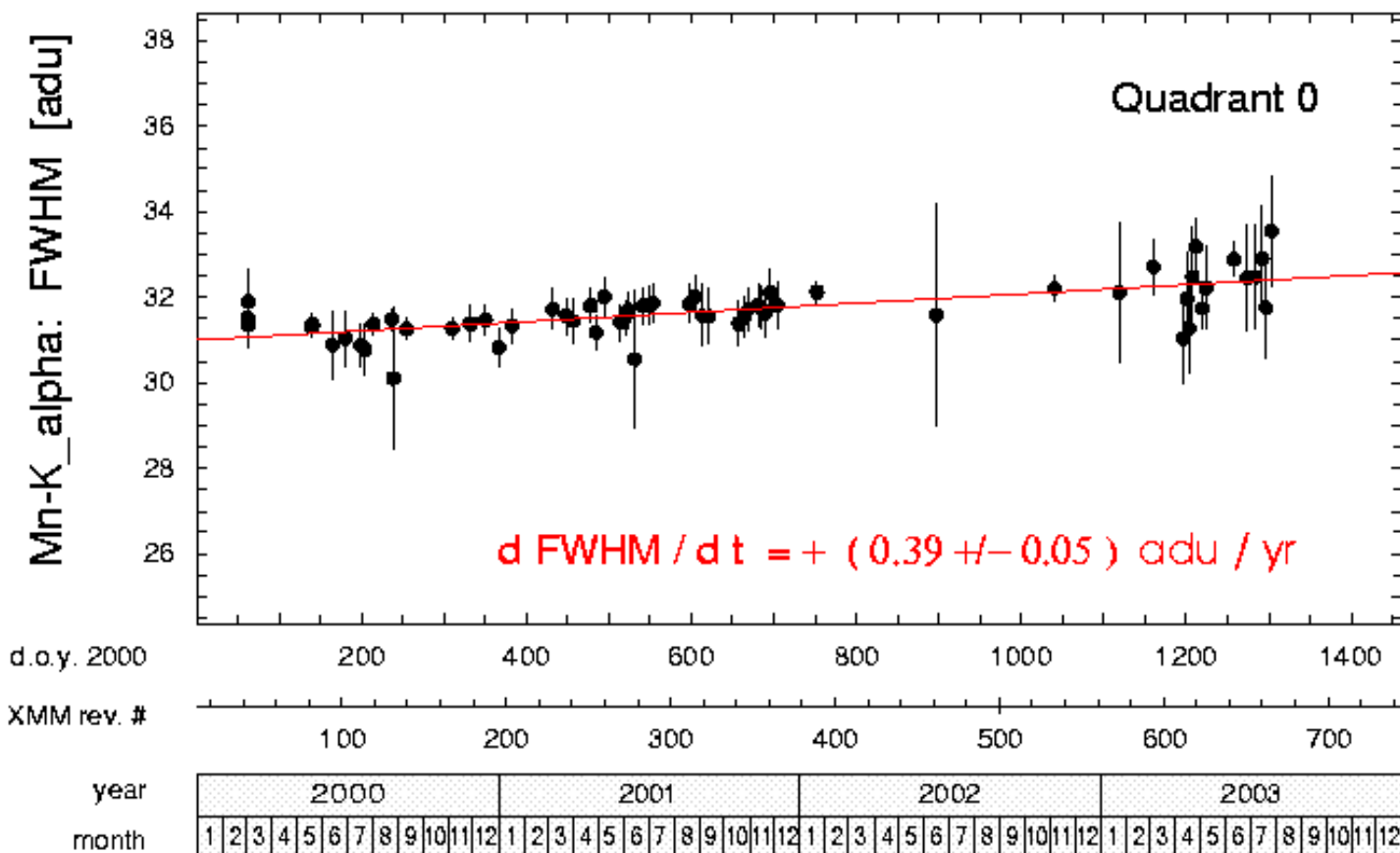
Energy resolution @ Mn-K: Q2 & Q3





Extended Full Frame Mode

Energy resolution @Mn-K: Quadrant 0





FF and eFF Mode

Energy resolution @Mn-K: Quadrant 0

