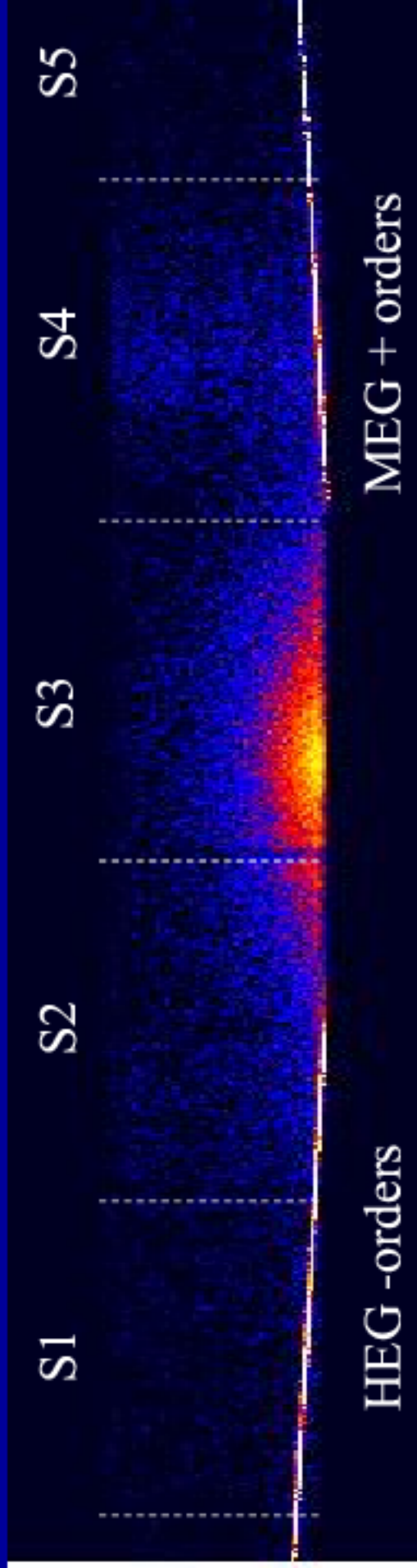


Constraints on higher orders using Sco X-1

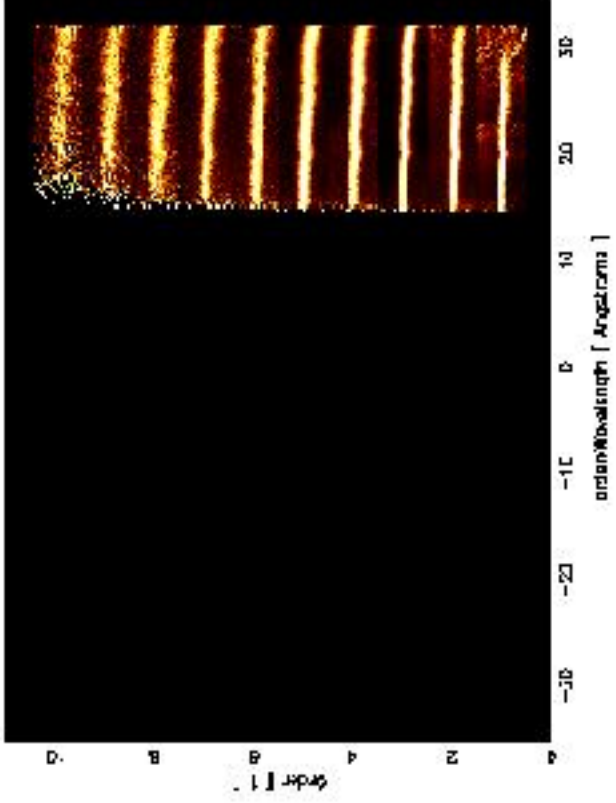


Norbert S. Schulz

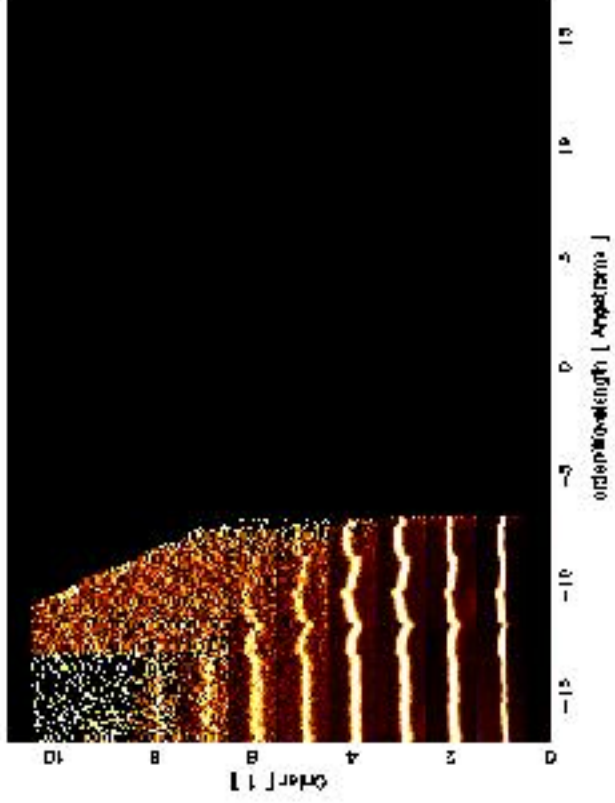
&

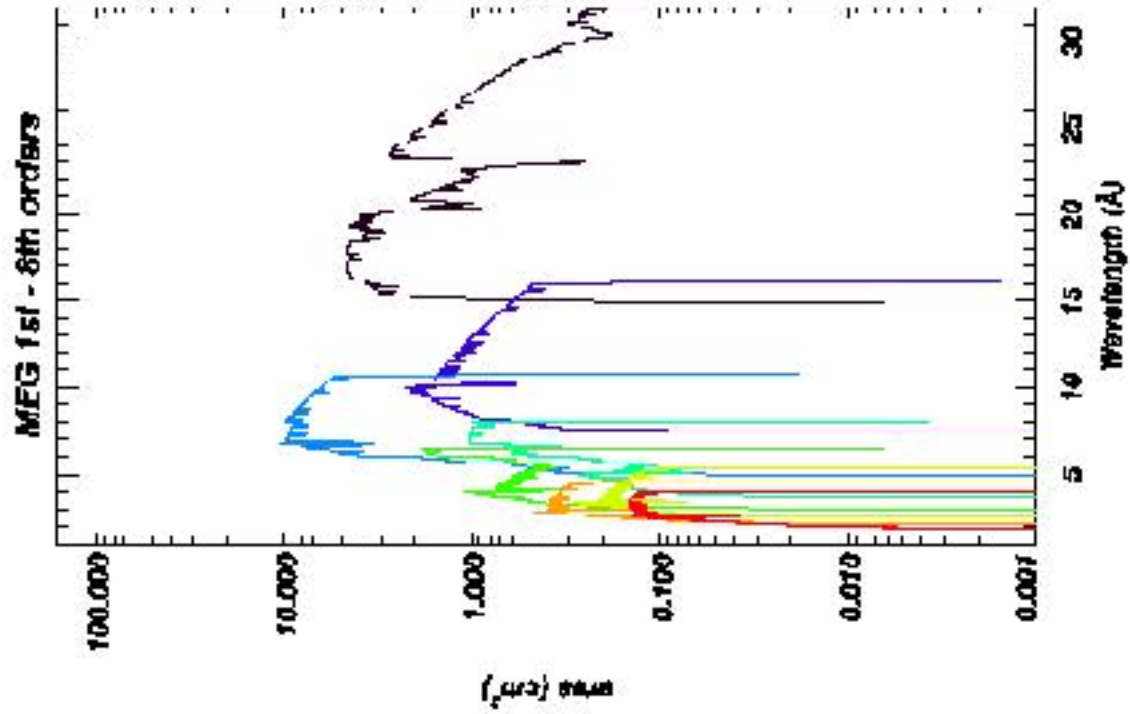
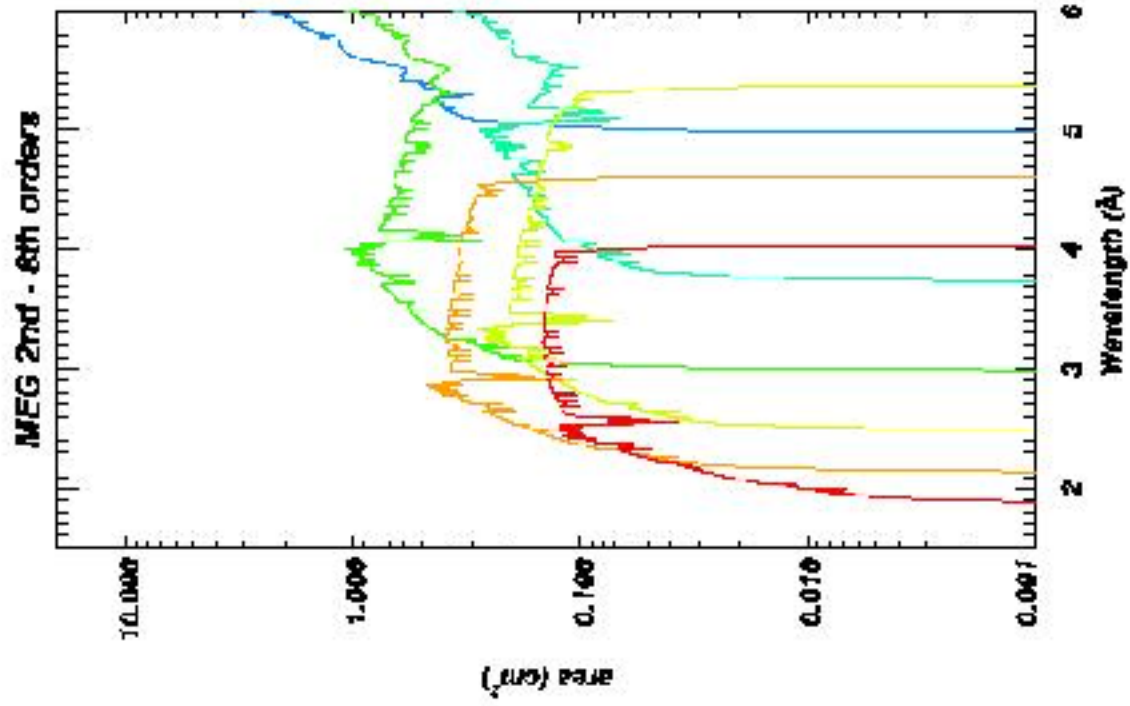
David P. Huenemoerder

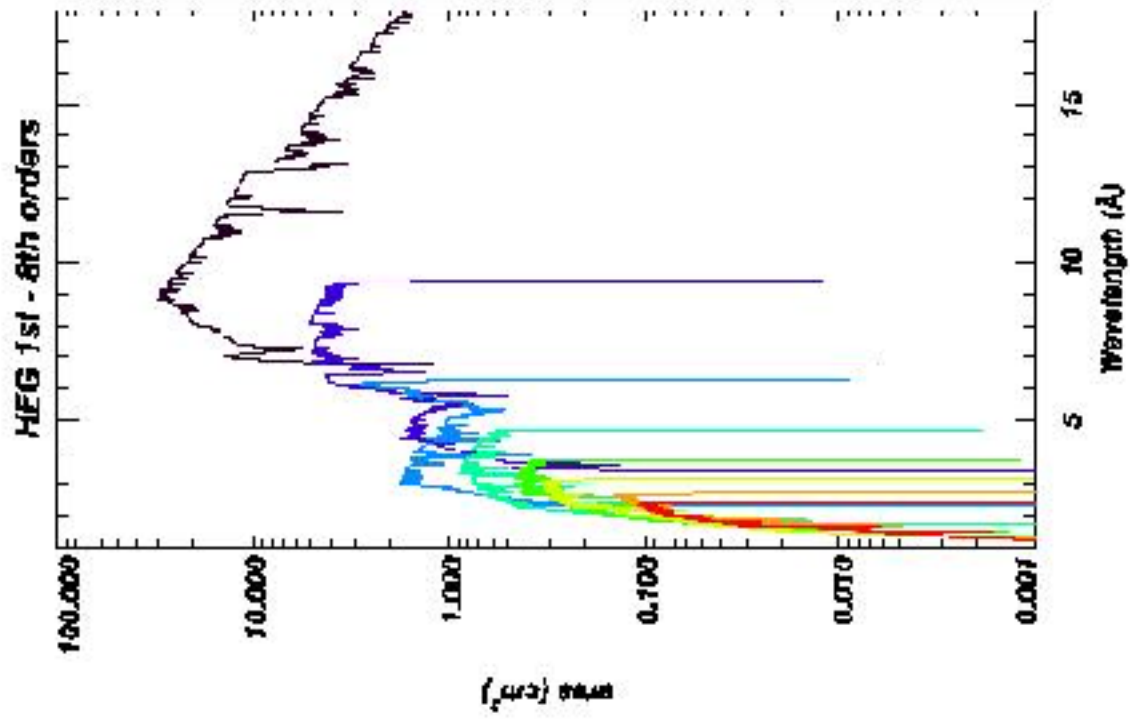
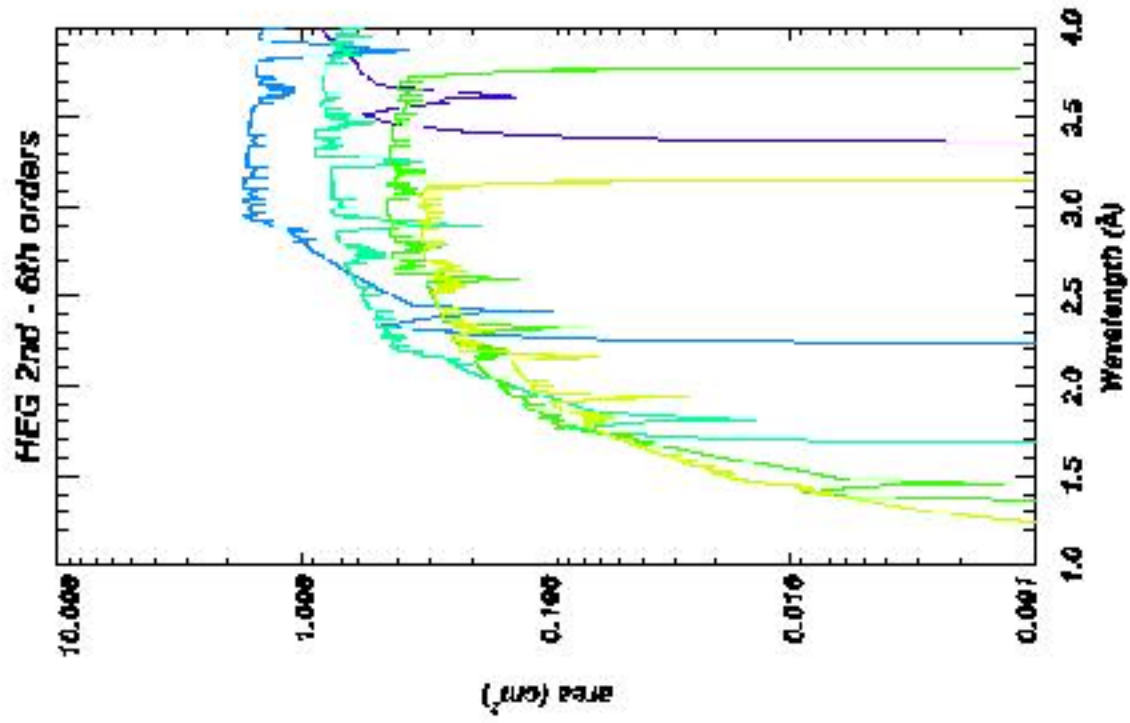
MFG 1-10



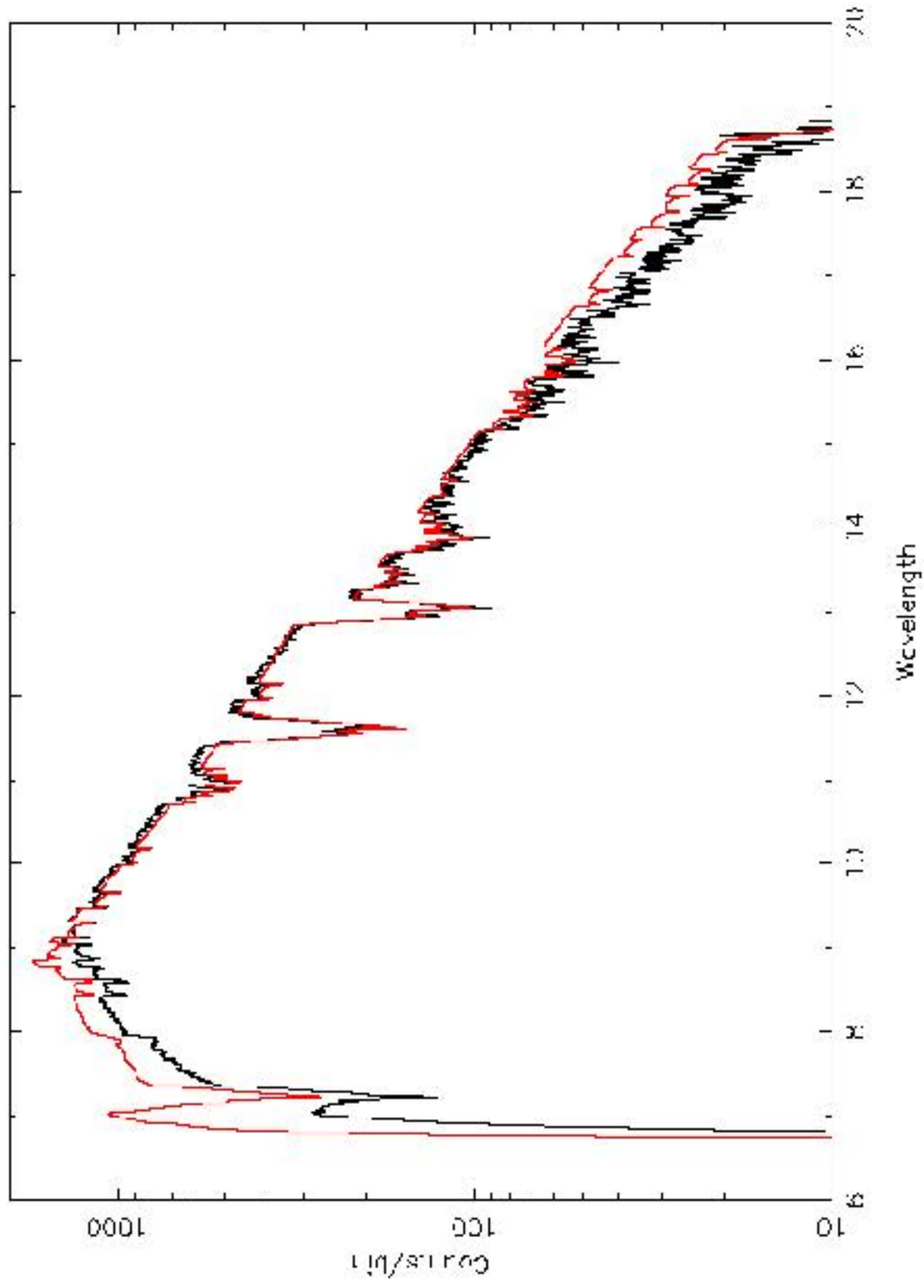
HEG 1-10



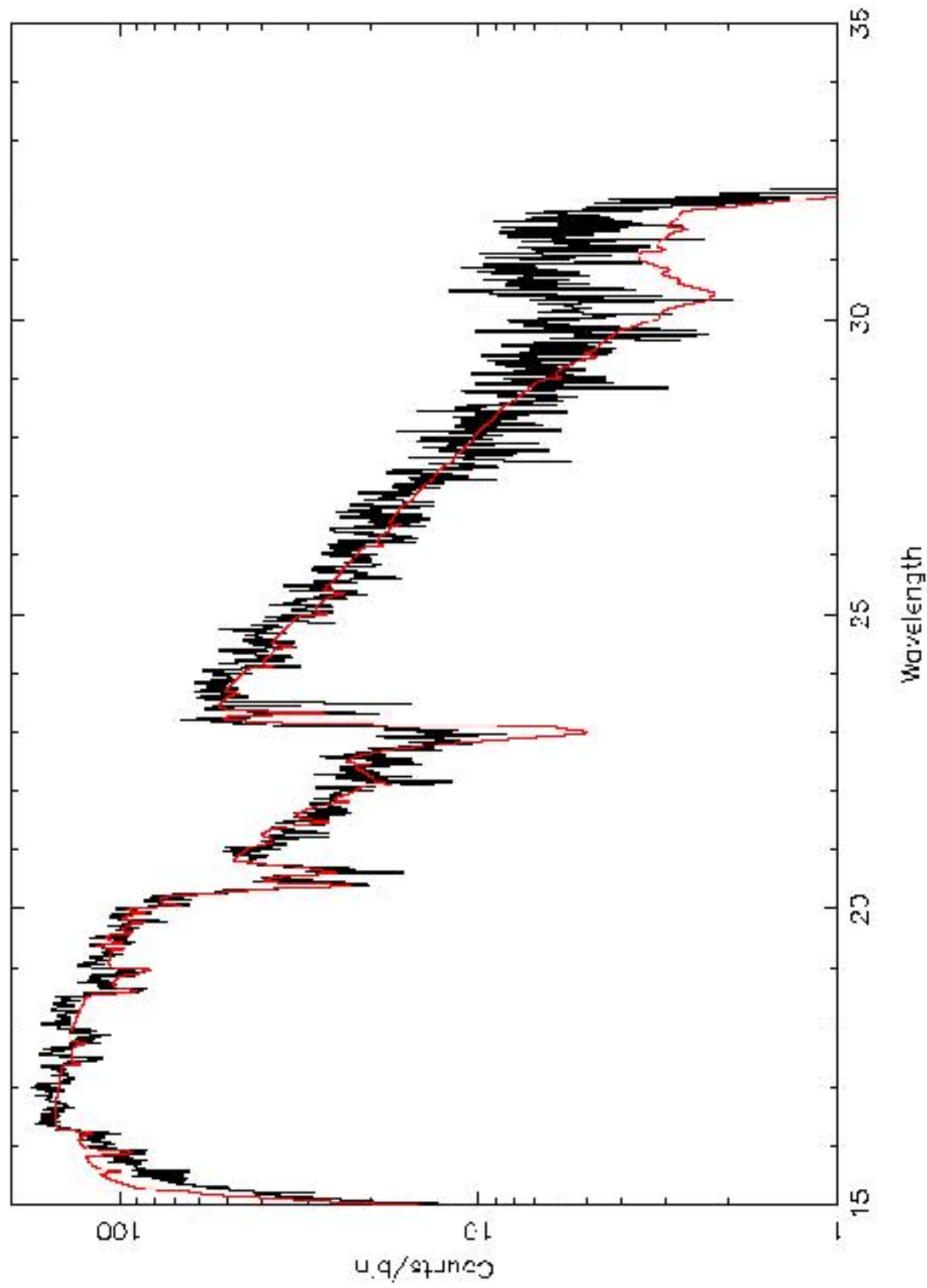




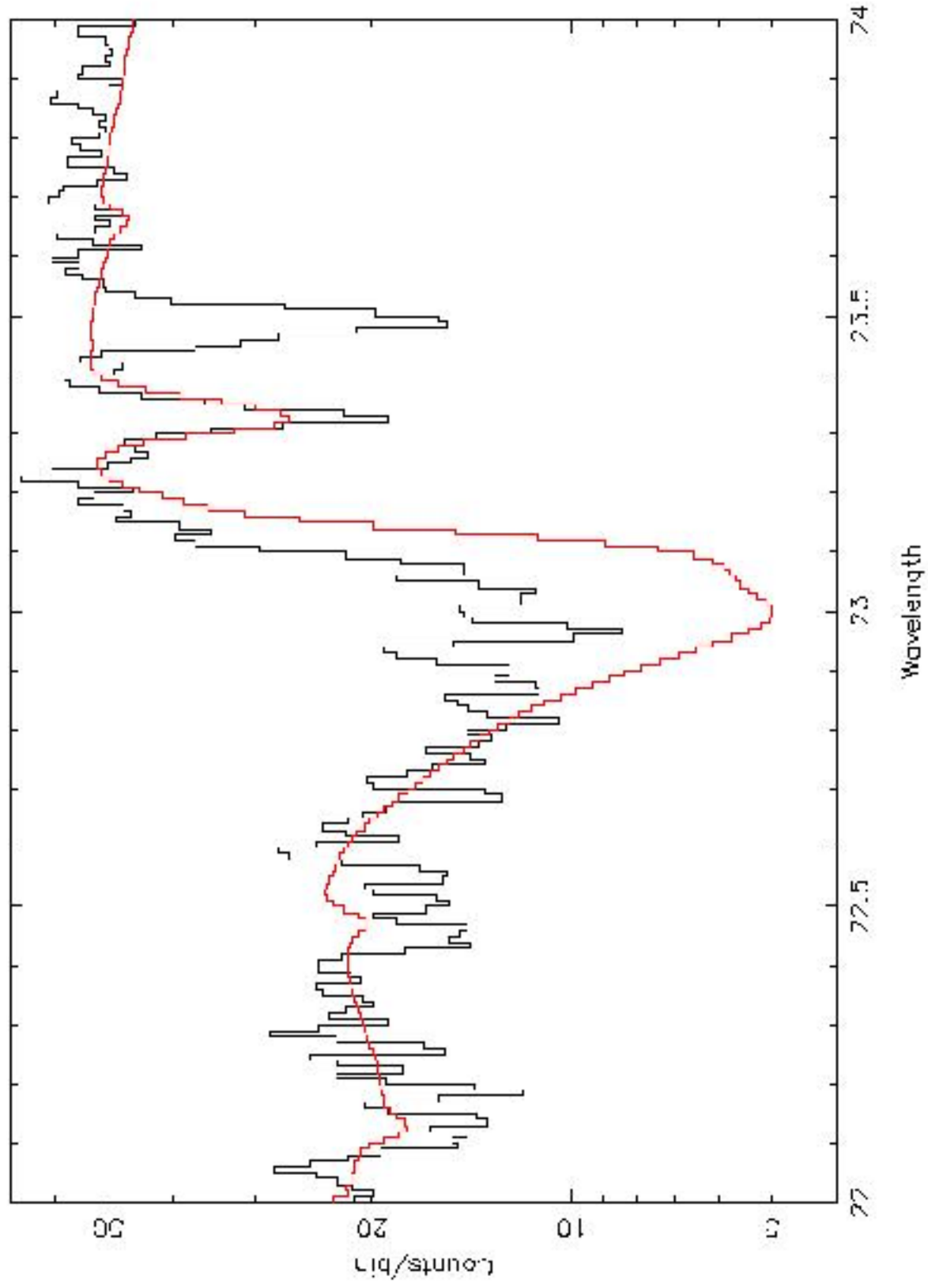
Sco X-1, slow fit, $\kappa/\mu\tau_0=C.81$. HEG-1



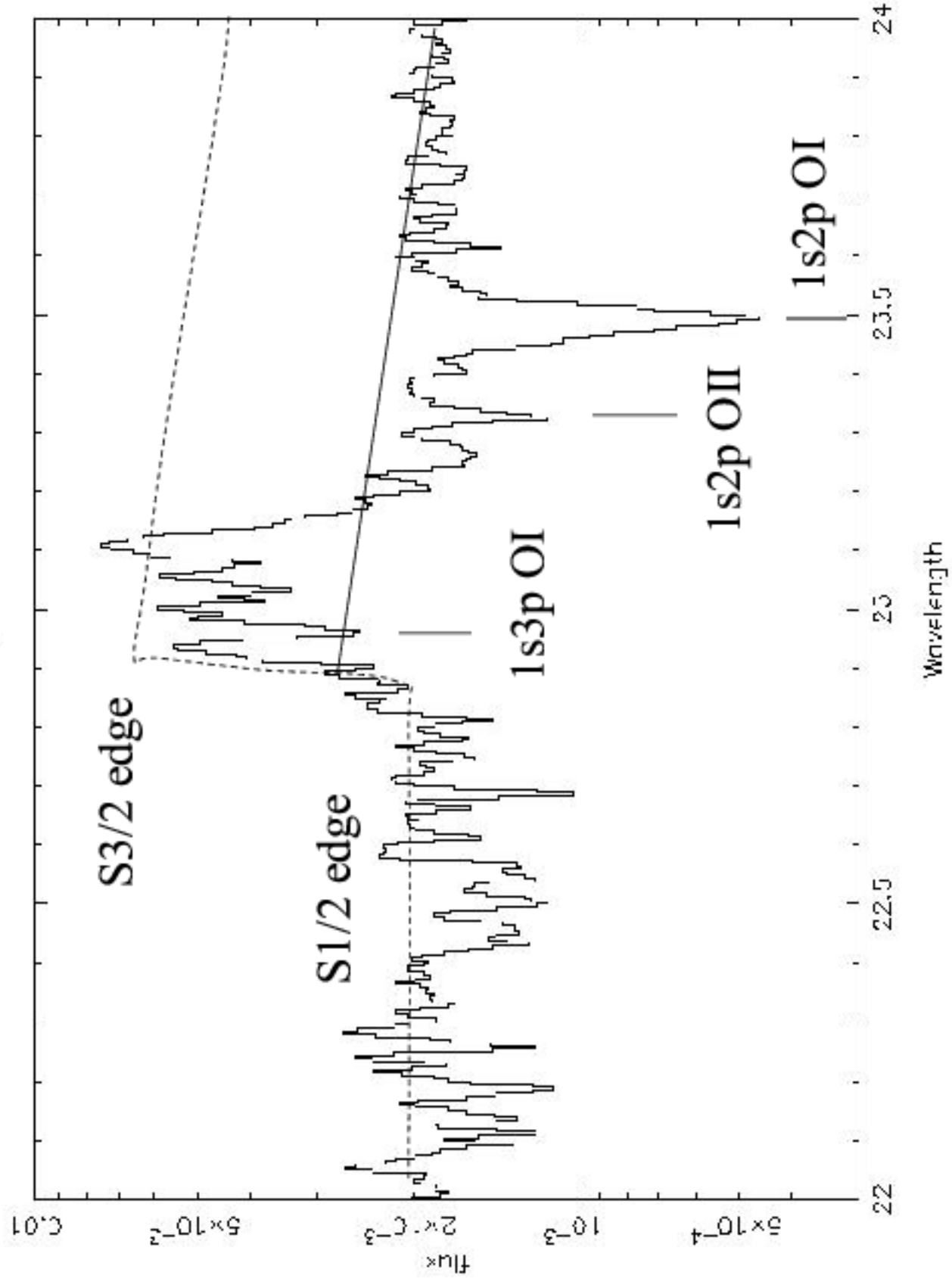
SCO X-1. plaw fit, MEG+1

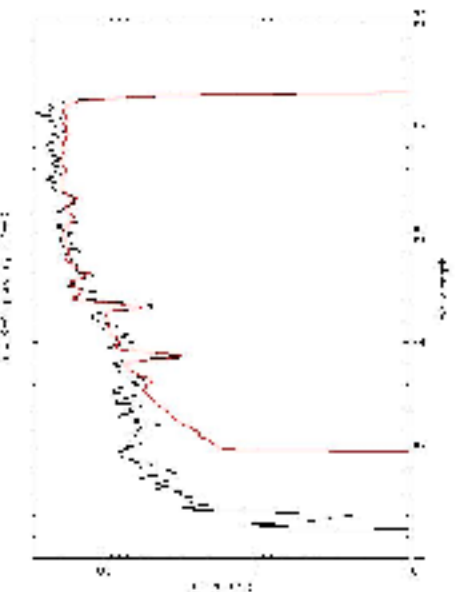
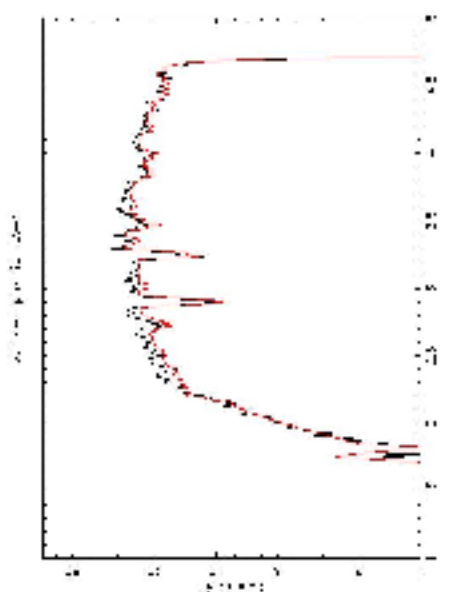
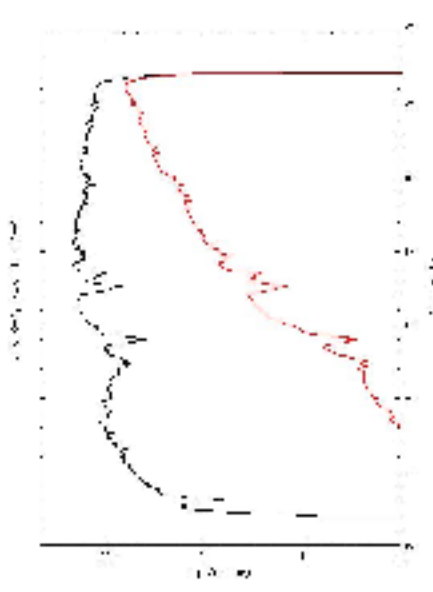
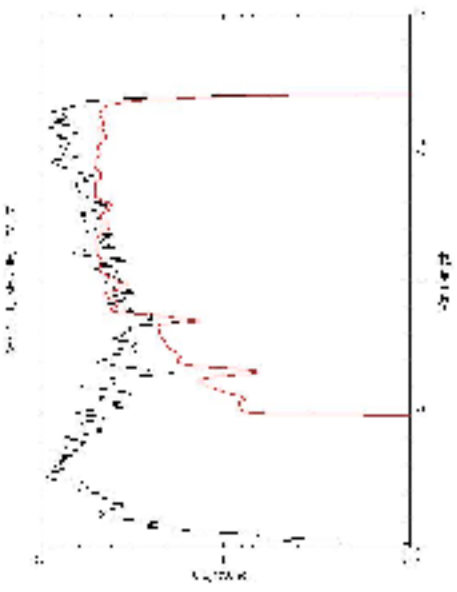
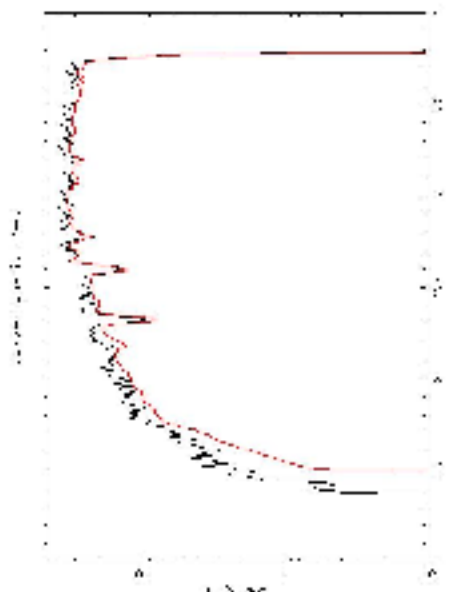
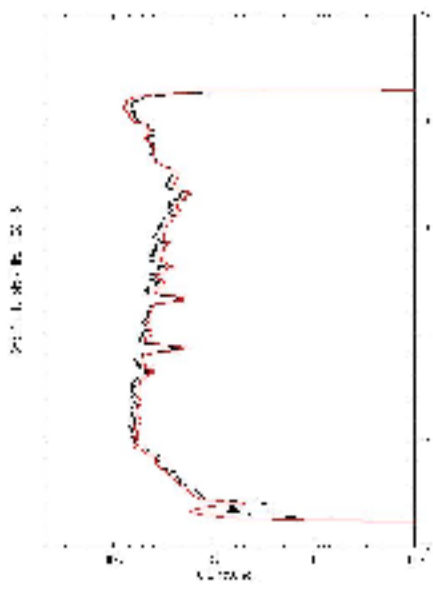


Sec X-1. plaw fit, MEG+1

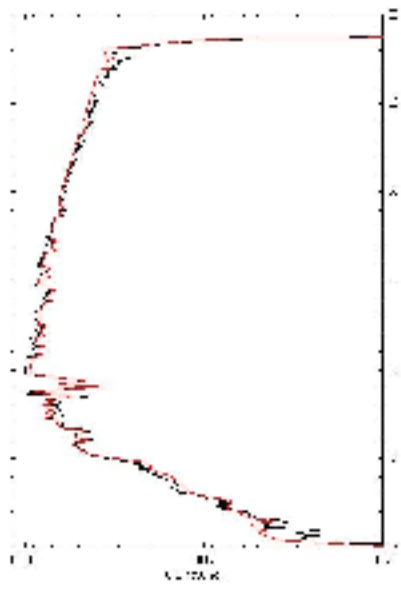


SCO X-1. plaw fit, MEG+1

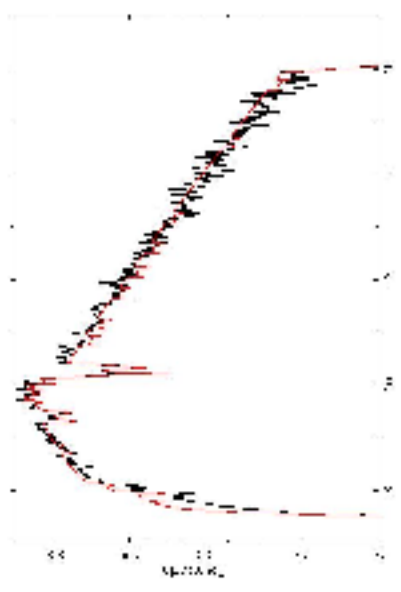




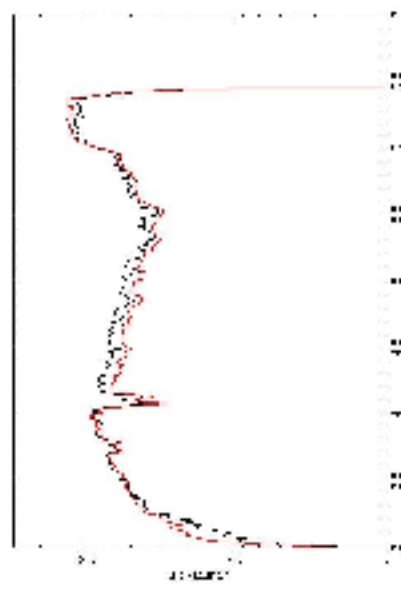
Case 1: $\lambda = 0.1$



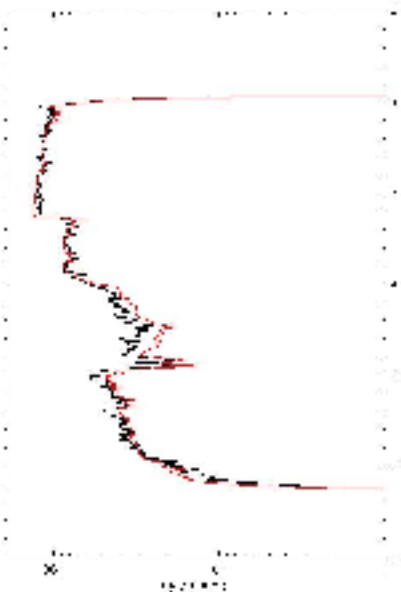
Case 2: $\lambda = 0.01$



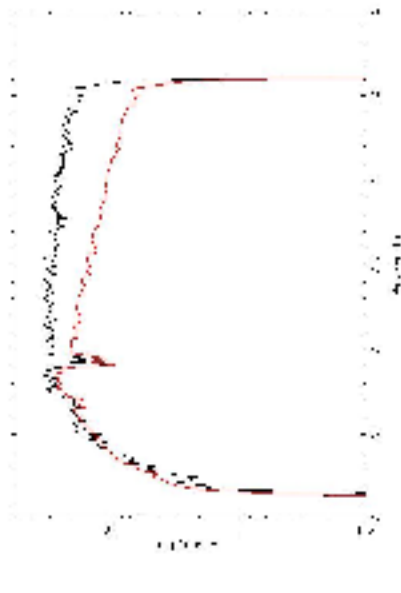
Case 3: $\lambda = 0.001$



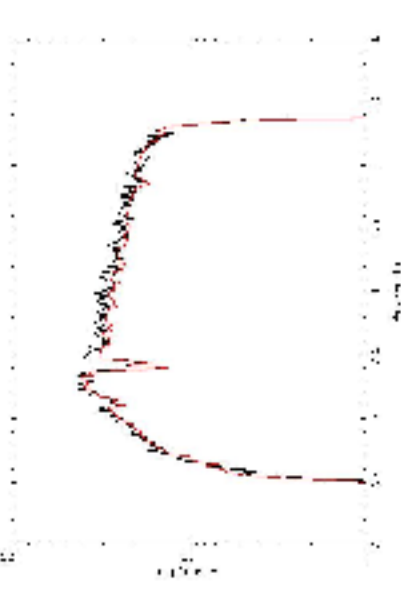
Case 4: $\lambda = 0.0001$

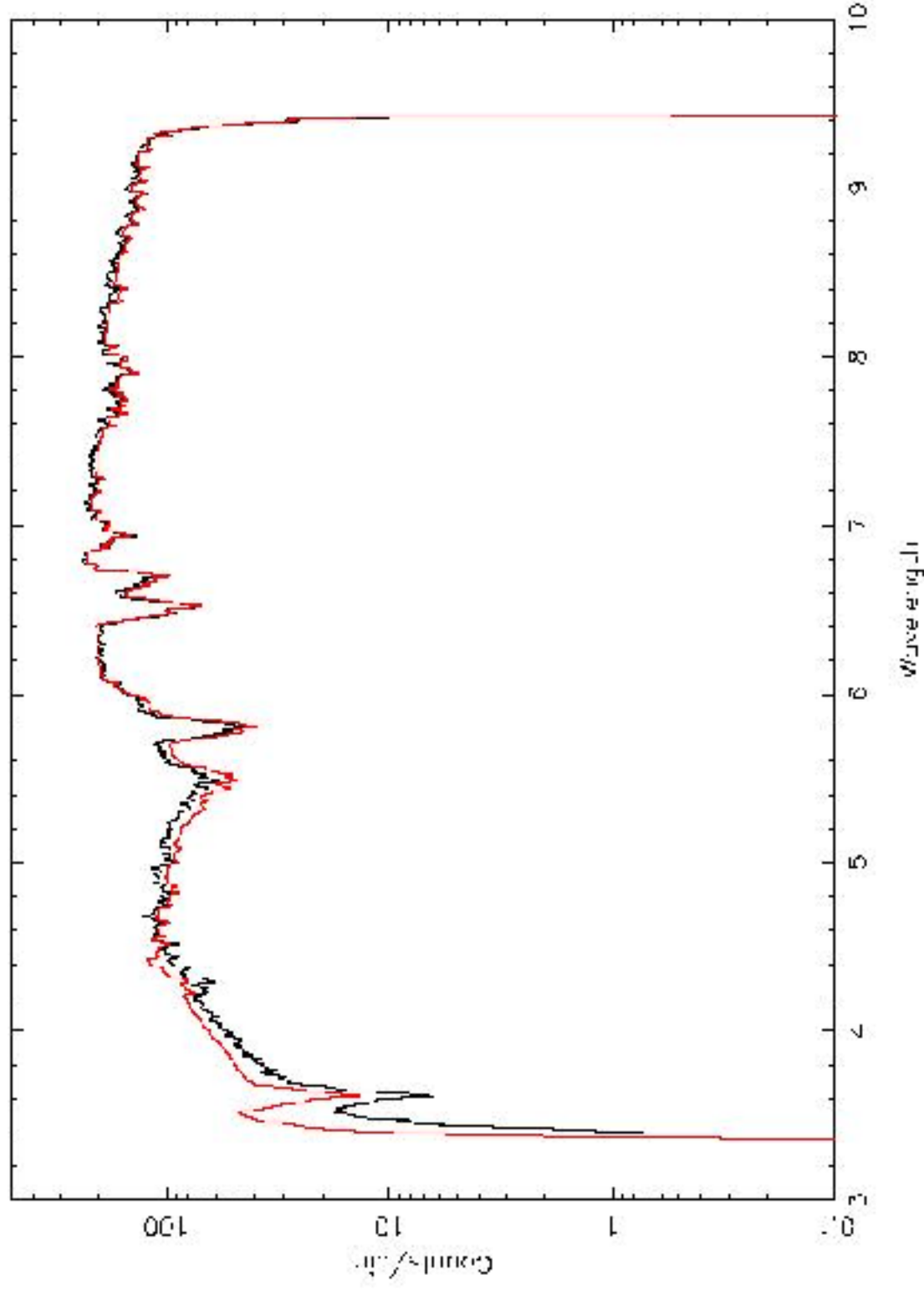


Case 5: $\lambda = 0.00001$

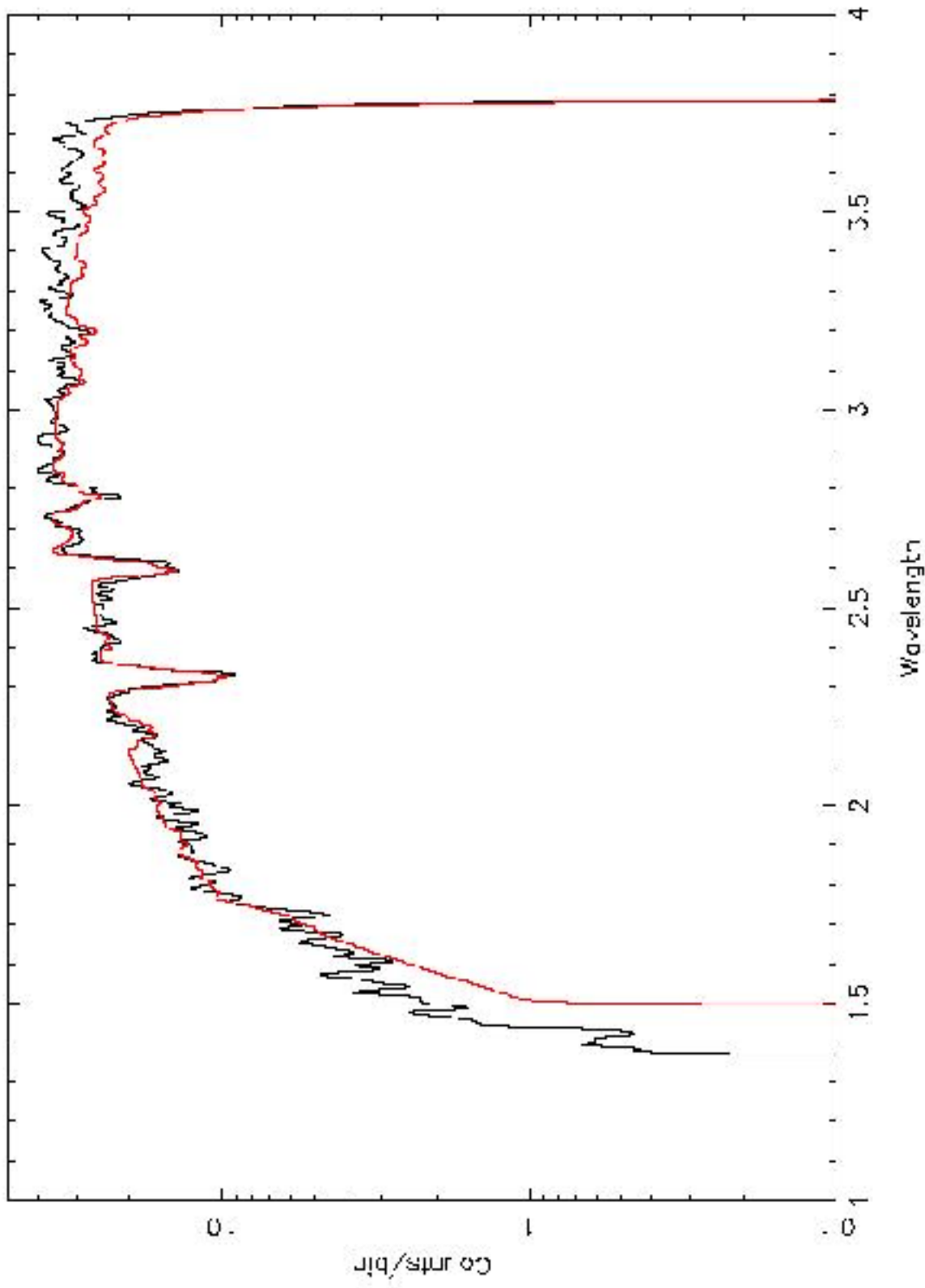


Case 6: $\lambda = 0.000001$



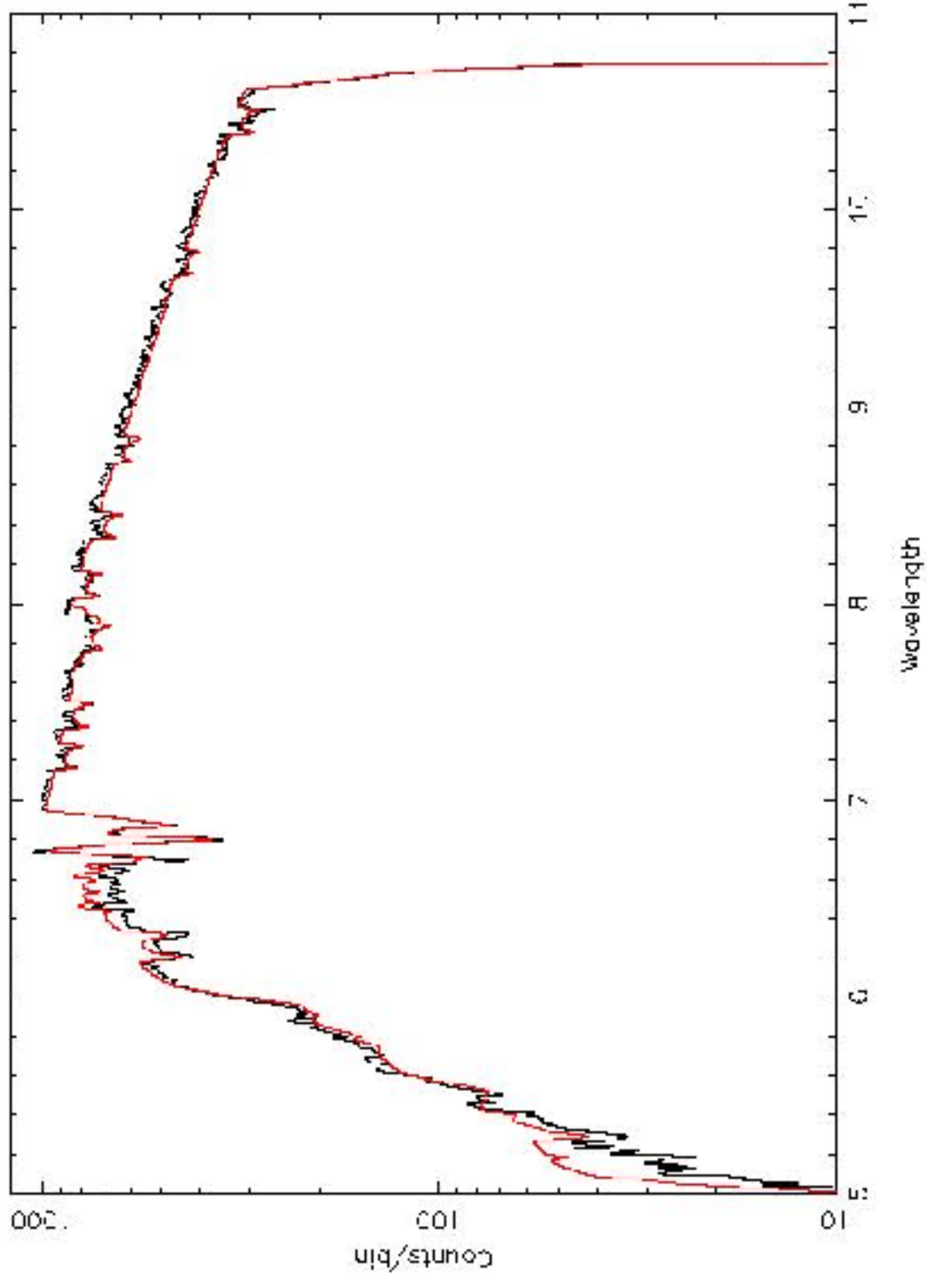


MEG 2nd order, wabs+plaw, index=-1.2, log NH = 21.3

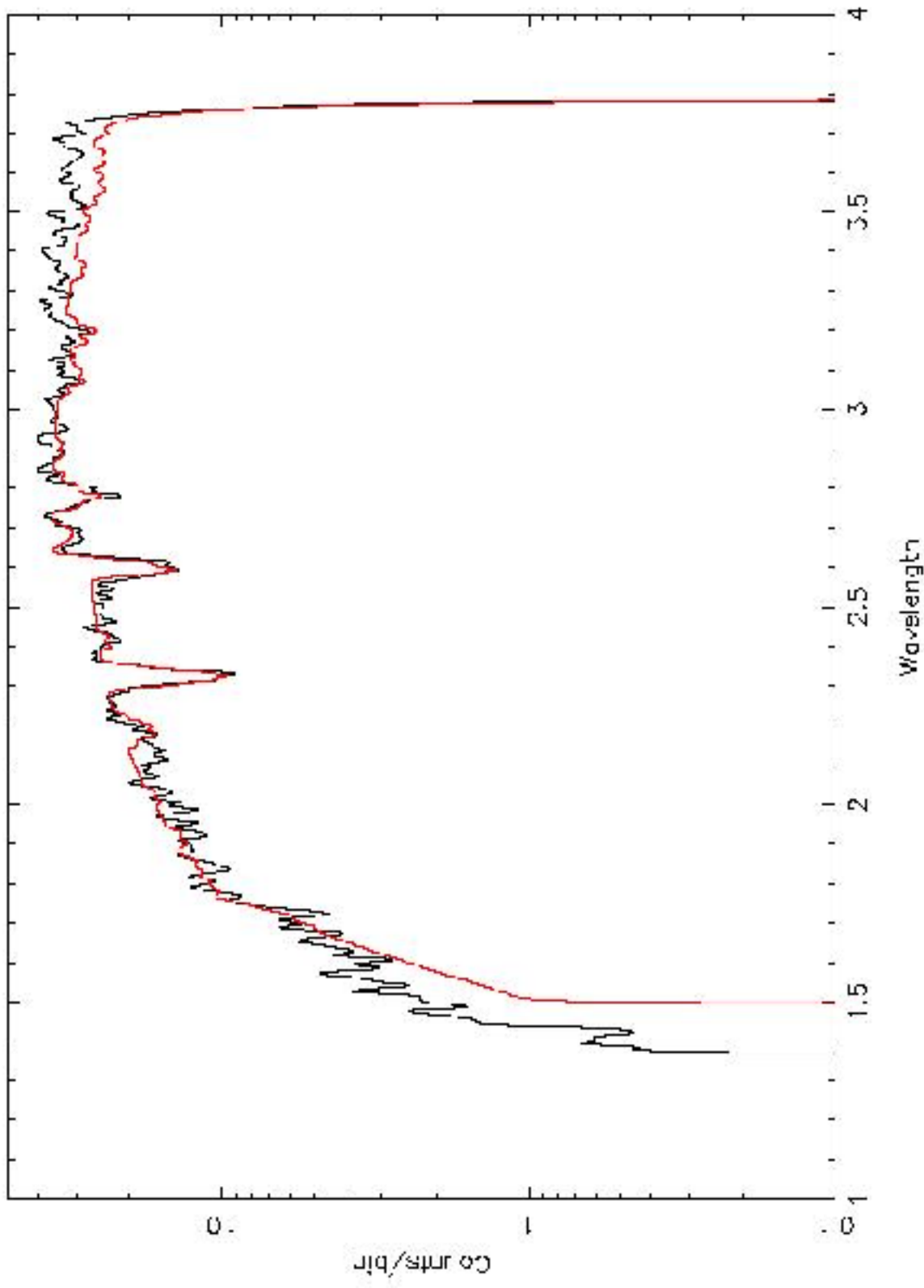


MEG 4th order, wabs+plaw, index=-1.2, log NH = 21.3

500 X-1, plaw =1, MFG+3



HEG 3rd order, wabs+plaw, index=-1.2, log NH = 21.3



HEG 5th order, wabs+plaw, index=-1.2, log NH = 21.3

Fit Luminosities in various MEG and HEG orders:

