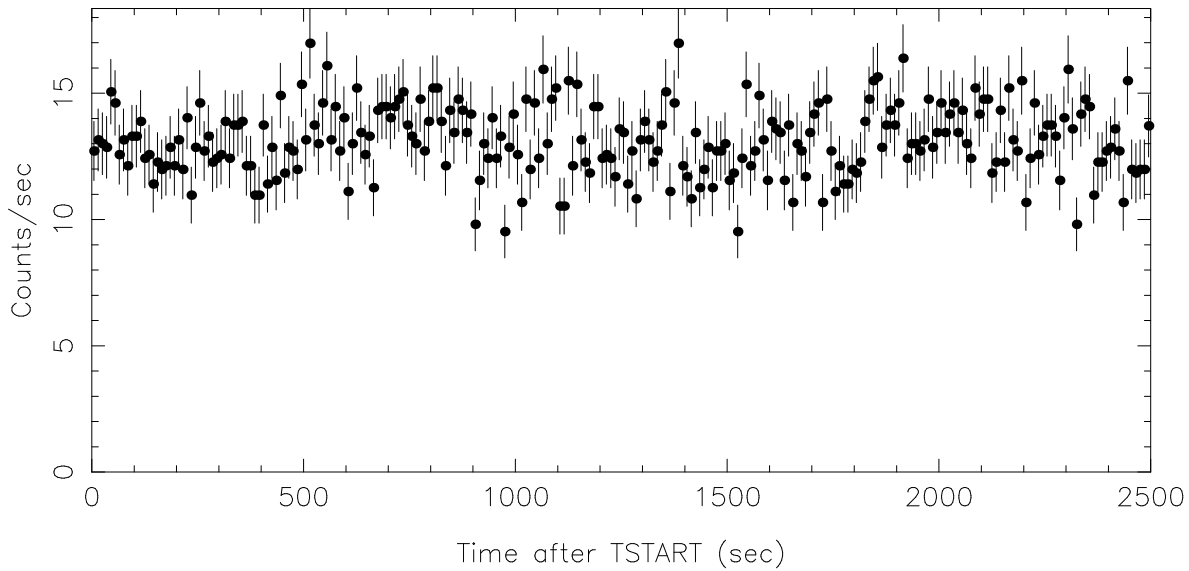


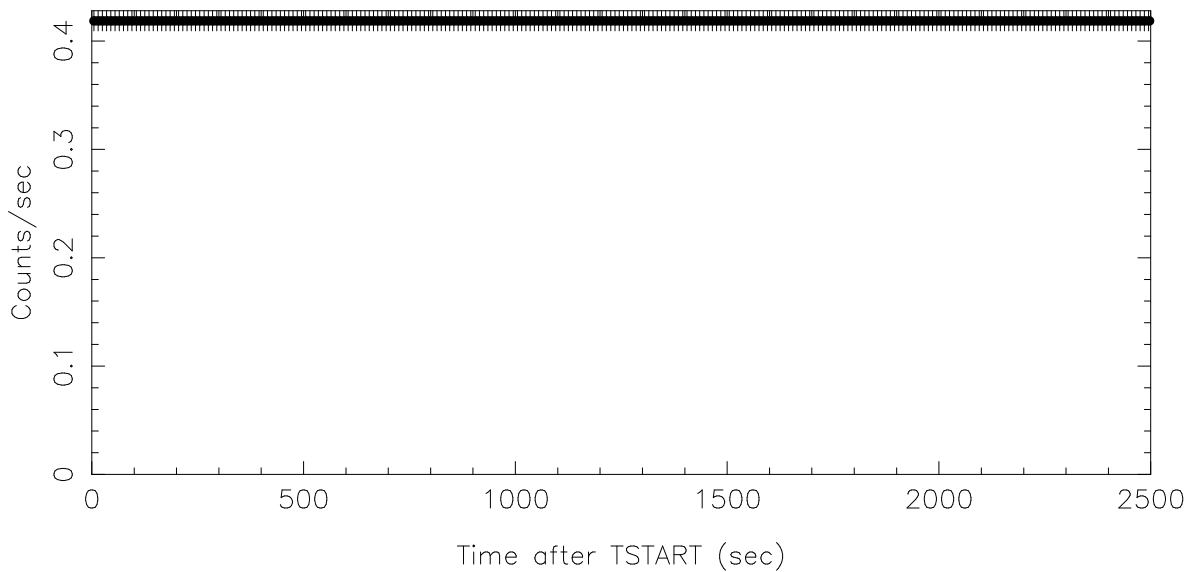
|                    |   |  |
|--------------------|---|--|
| XMM                | OBJECT: Mkn 421                               | OSW ID: 1                                  |
| OM                 | OBS ID: 0656381301                            | TIME START: 4.06158098×10 <sup>8</sup> MJD |
| REDUNDANT          | EXP ID: 0656381301402                         | SRC EXTR. AREA: 111 pix                    |
| FAST               | PI: Dr Arvind Parmar                          | XMM-Newton EXTR. AREA: 540 pix             |
| PSF FRAC. INC: 1   | SRC NO: 1                                     | START: 2010-11-14T21:40:31.000             |
| VIGNET. CORR: YES  | ORIG. BIN: 10 s                               | STOP: 2010-11-14T22:22:12.000              |
| SRC RA: 166.1140   | PLOTTED BIN SIZE: 10 s                        | EXP: 2500 s                                |
| SRC DEC: 38.208775 | FILE: product/P0656381301OMS402TIMESR1001.FIT |  |

RATES 1

Net time series, BACKGROUND SUBTRACTED – Mean Rate=13.1381824



Background time series – Mean Rate=0.41868808



# VARIABILITY TESTS

NUMBER OF BINS : 250 BIN SIZE : 10 sec.

## RATES 1

|                    |   |                                |
|--------------------|---|--------------------------------|
| Mean c/s           | : | 13.5591504 Net: 13.1404648     |
| Variance (c/s)**2  | : | 1.91070016 Net: 1.91070128     |
| Chi Square (Total) | : | 350.88064 (249 dof.)           |
|                    |   | Prob. = $2.173 \times 10^{-5}$ |