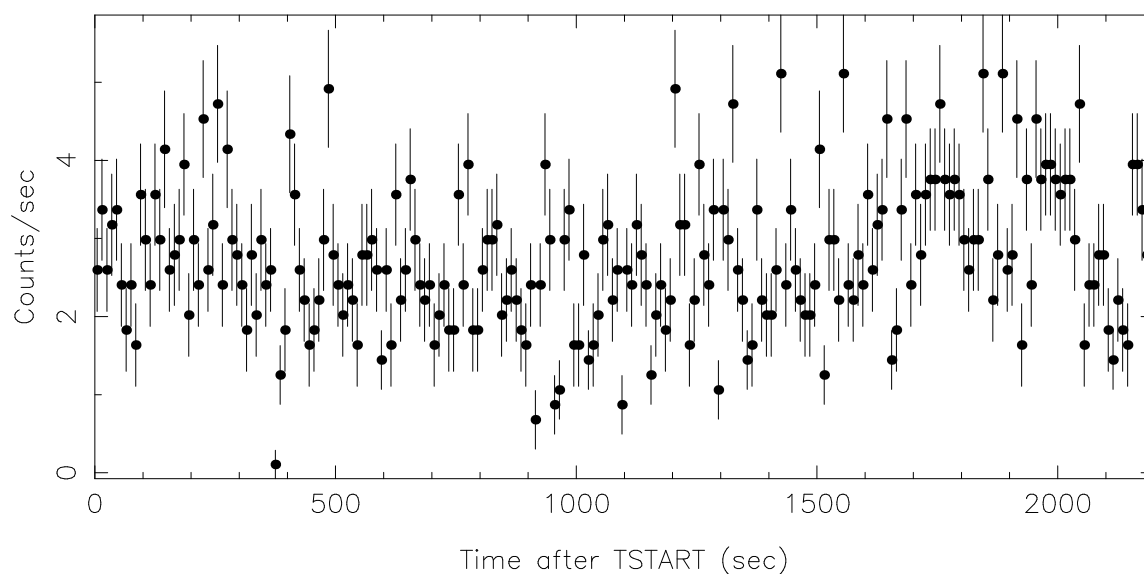


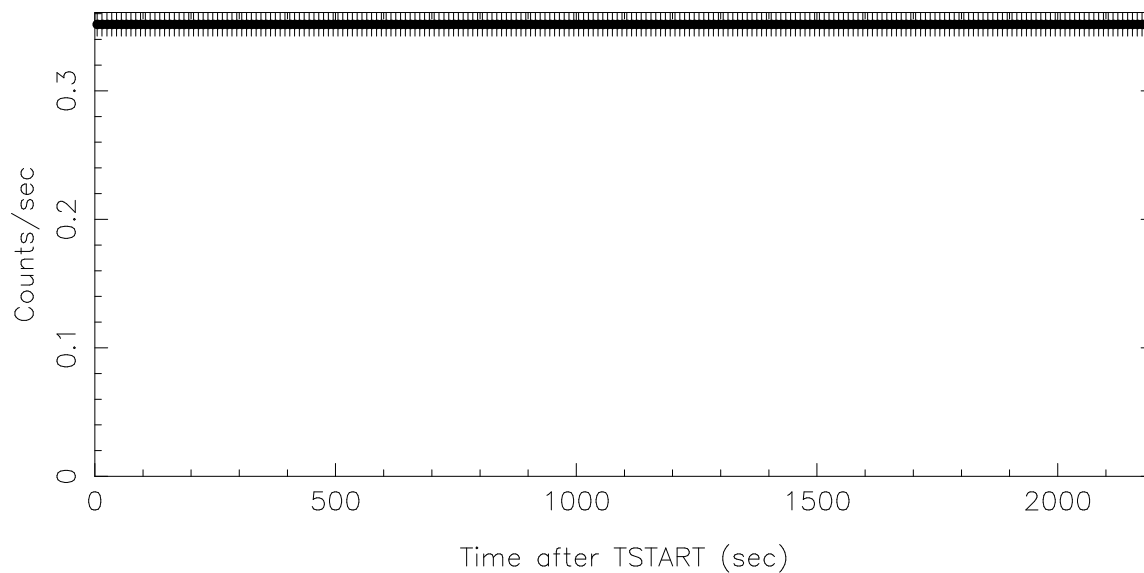
|                      |                                               |                                            |
|----------------------|-----------------------------------------------|--------------------------------------------|
| XMM                  | OBJECT: Mkn 421 cros                          | OSW ID: 1                                  |
| OM                   | OBS ID: 0411082501                            | TIME START: 3.12068903×10 <sup>8</sup> MJD |
| REDUNDANT            | EXP ID: 0411082501008                         | SRC EXTR. AREA: 113 pix                    |
| FAST                 | PI: Dr Arvind Parmar XMM-Newton               | BACKGROUND EXTR. AREA: 541 pix             |
| PSF FRAC. INC: 0.733 | SRC NO: 1                                     | START: 2007-11-21T21:47:17.000             |
| VIGNET. CORR: YES    | ORIG. BIN: 10 s                               | STOP: 2007-11-21T22:23:56.000              |
| SRC RA: 166.1138     | PLOTTED BIN SIZE: 10 s                        | EXP: 2200 s                                |
| SRC DEC: 38.208476   | FILE: product/P0411082501OMS008TIMESR1001.FIT |                                            |

RATES 1

Net time series, BACKGROUND SUBTRACTED – Mean Rate=2.75568064



Background time series – Mean Rate=0.3517258



# VARIABILITY TESTS

NUMBER OF BINS : 220 BIN SIZE : 10 sec.

## RATES 1

|                    |   |                            |
|--------------------|---|----------------------------|
| Mean c/s           | : | 3.11285152 Net: 2.76112736 |
| Variance (c/s)**2  | : | 0.87319664 Net: 0.87319592 |
| Chi Square (Total) | : | 614.324352 (219 dof.)      |
|                    |   | Prob. = 0                  |