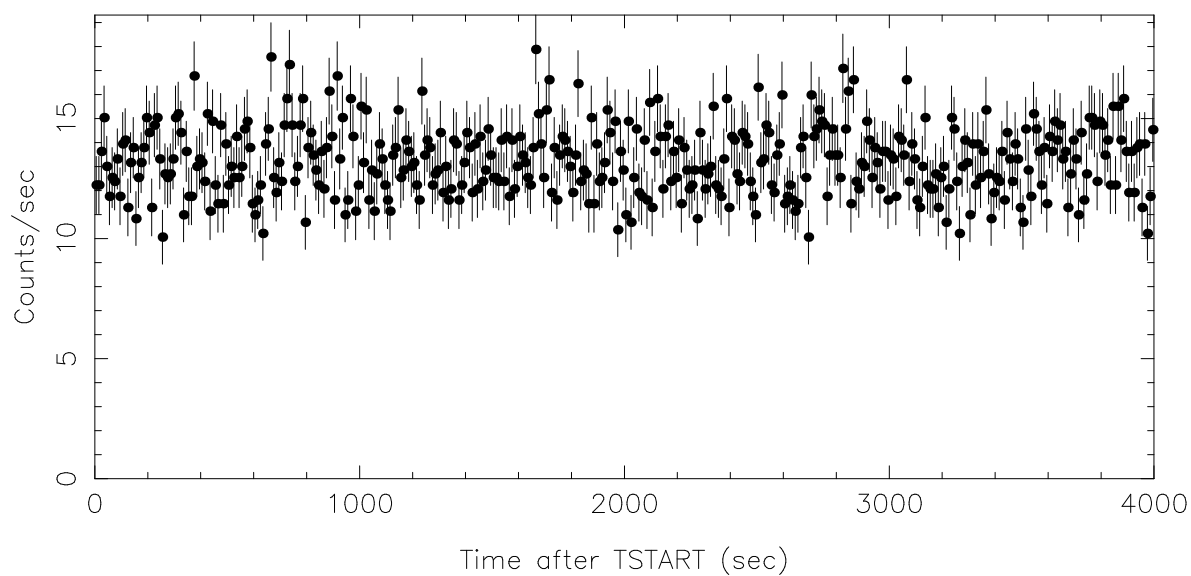


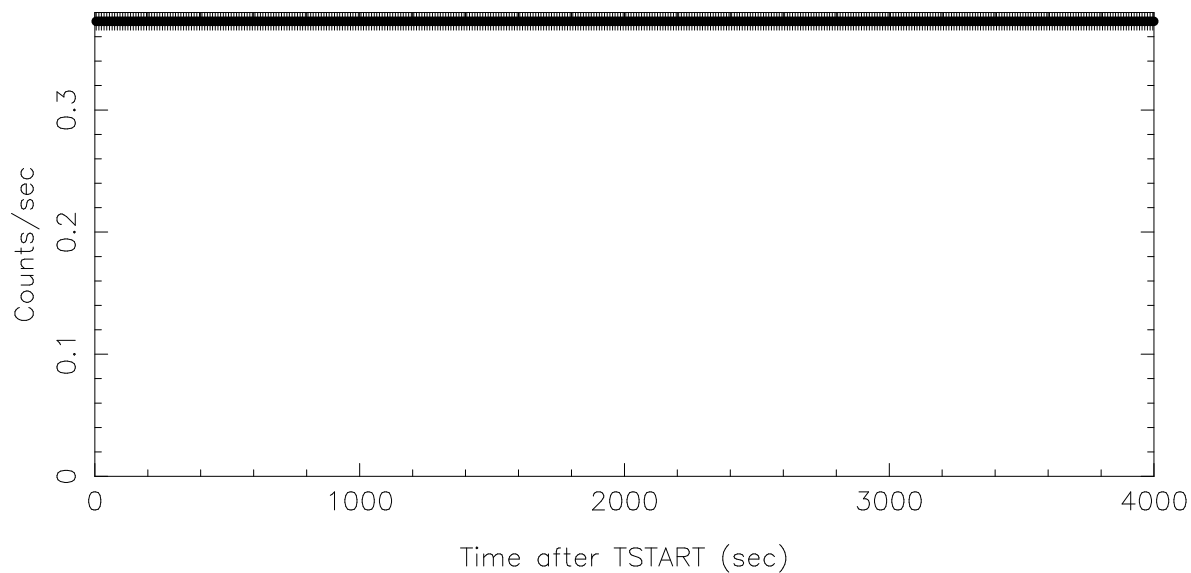
|                    |                                               |                                            |
|--------------------|-----------------------------------------------|--------------------------------------------|
| XMM                | OBJECT: Mkn 421 -2 X                          | OSW ID: 1                                  |
| OM                 | OBS ID: 0658802901                            | TIME START: 5.80615138×10 <sup>8</sup> MJD |
| REDUNDANT          | EXP ID: 0658802901010                         | SRC EXTR. AREA: 112 pix                    |
| FAST               | PI: Dr Fred Jansen XMM-Newton                 | BKG EXTR. AREA: 548 pix                    |
| PSF FRAC. INC: 1   | SRC NO: 1                                     | START: 2016-05-26T01:57:49.000             |
| VIGNET. CORR: YES  | ORIG. BIN: 10 s                               | STOP: 2016-05-26T03:04:29.000              |
| SRC RA: 166.1141   | PLOTTED BIN SIZE: 10 s                        | EXP: 4000 s                                |
| SRC DEC: 38.209177 | FILE: product/P0658802901OMS010TIMESR1001.FIT |                                            |

RATES 1

Net time series, BACKGROUND SUBTRACTED — Mean Rate=13.2448456



Background time series — Mean Rate=0.37258268



# VARIABILITY TESTS

NUMBER OF BINS : 400 BIN SIZE : 10 sec.

## RATES 1

|                    |   |                            |
|--------------------|---|----------------------------|
| Mean c/s           | : | 13.6206528 Net: 13.2480776 |
| Variance (c/s)**2  | : | 2.0885384 Net: 2.08853824  |
| Chi Square (Total) | : | 611.811264 (399 dof.)      |
|                    |   | Prob. = 0                  |