

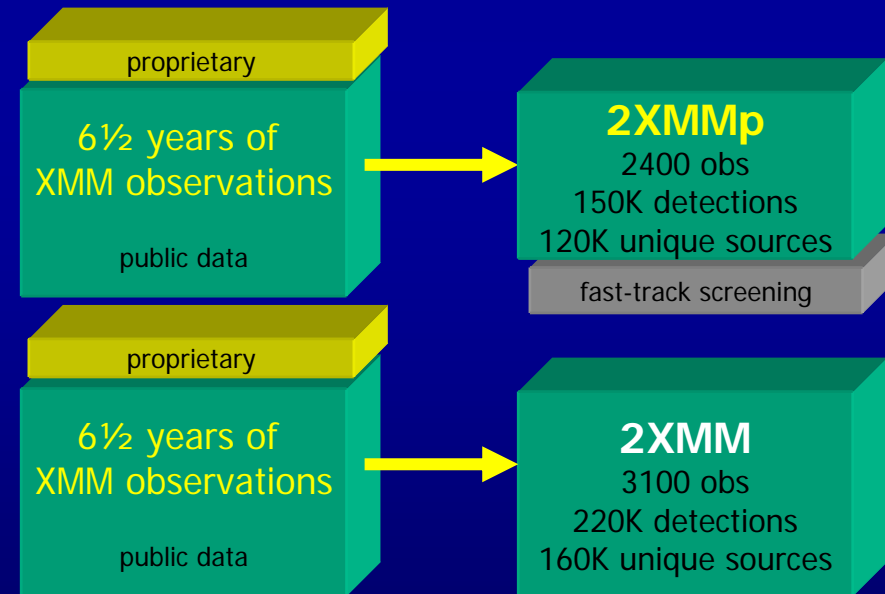
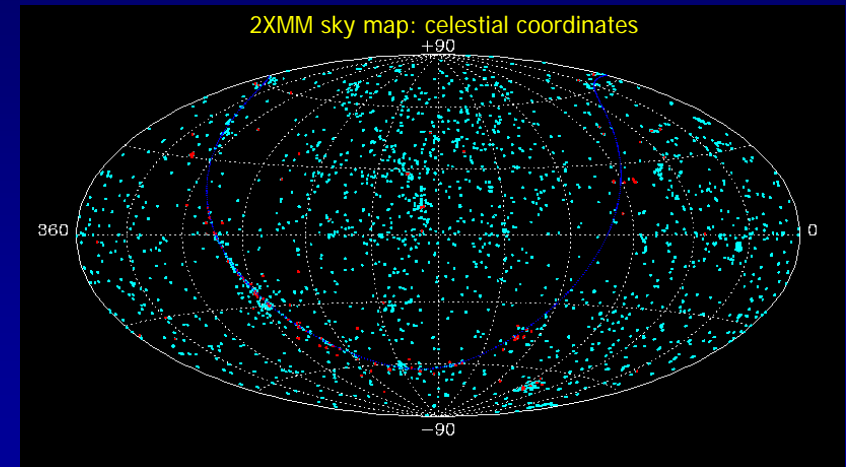
The 2XMMp Catalogue

Mike Watson

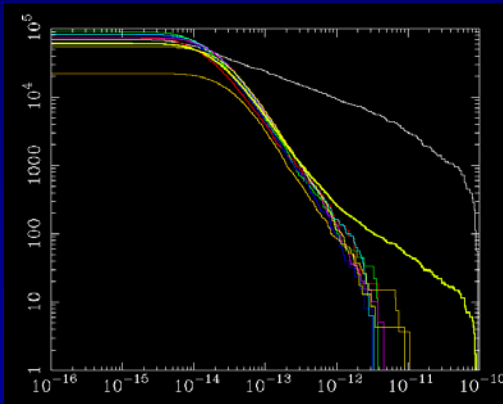
XMM-Newton Survey Science Centre (SSC)

2XMMp Catalogue

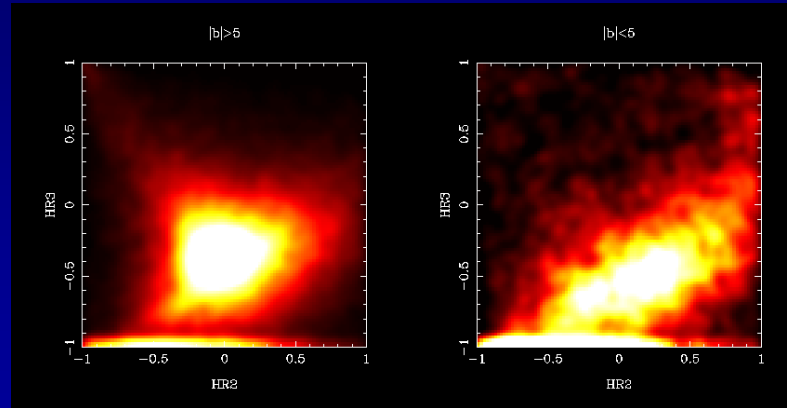
- 2XMM: new serendipitous X-ray source catalogue from XMM EPIC observations
- 2XMMp: **pre-release** of 2XMM due out before end of July
- Largest X-ray catalogue ever
 - 150K detections → 220K
 - 500 sq.deg.
 - “science grade” catalogue
- Available by end July from:
 - SSC website
 - XSA (ESAC)
 - LEDAS (Leicester) ...



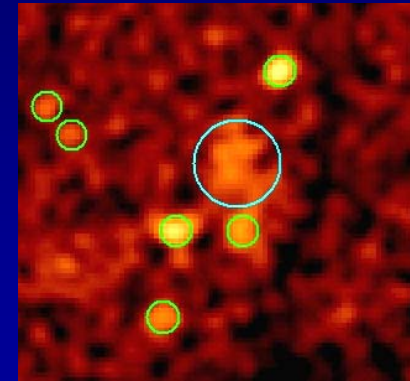
2XMM catalogue highlights



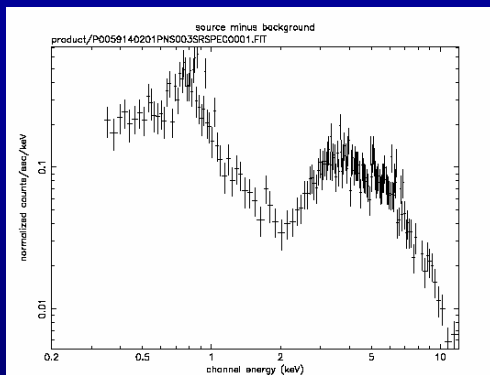
"raw" log N – log S



X-ray colour-colour plots

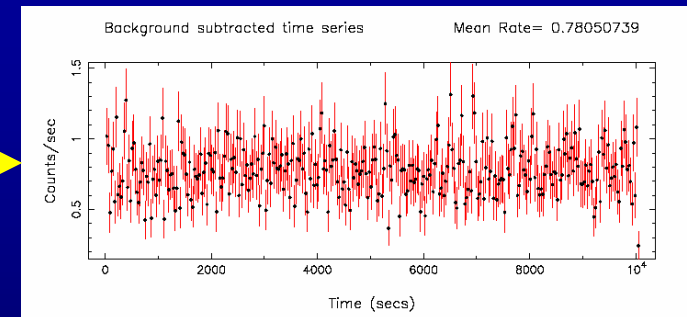


extended source
detection & param



X-ray spectrum

spectra & time
series for >10%
of
all 2XMM sources
(~15000 sources)



time series