

Swift/XRT spectra of GRB 221009A

xrtpipeline was called using the Swift 6.29 software

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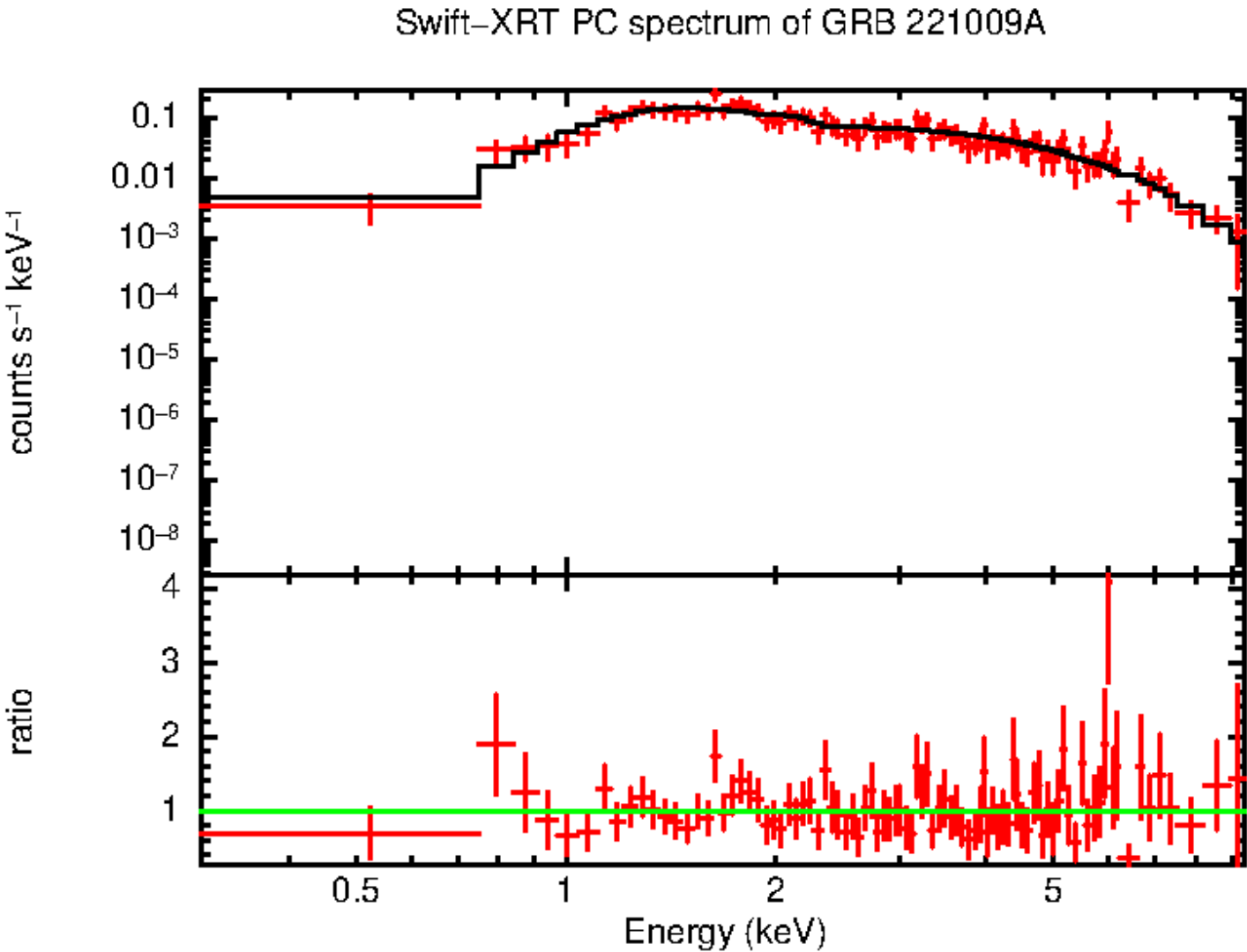
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night1_twopasses spectrum (T0+: 168000-223000 s)

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PC mode. Mean photon arrival: T0+188684 s

N _H (Galactic)	5.38 × 10 ²¹ cm ⁻²
N _H (intrinsic)	1.2 (+0.4, -0.4) × 10 ²² cm ⁻²
z of absorber	0.151
Photon index	1.65 (+0.20, -0.18)
Flux (0.3-10 keV) (Observed)	9.2 (+0.8, -0.7) × 10 ⁻¹¹ erg cm ⁻² s ⁻¹
Flux (0.3-10 keV) (Unabsorbed)	1.45 (+0.18, -0.13) × 10 ⁻¹⁰ erg cm ⁻² s ⁻¹
Counts to flux (obs)	6.30 × 10 ⁻¹¹ erg cm ⁻² ct ⁻¹
Counts to flux (unabs)	9.93 × 10 ⁻¹¹ erg cm ⁻² ct ⁻¹
W-stat What's this? (dof)	400.17 (453)
Spectrum exposure	3.0 ks

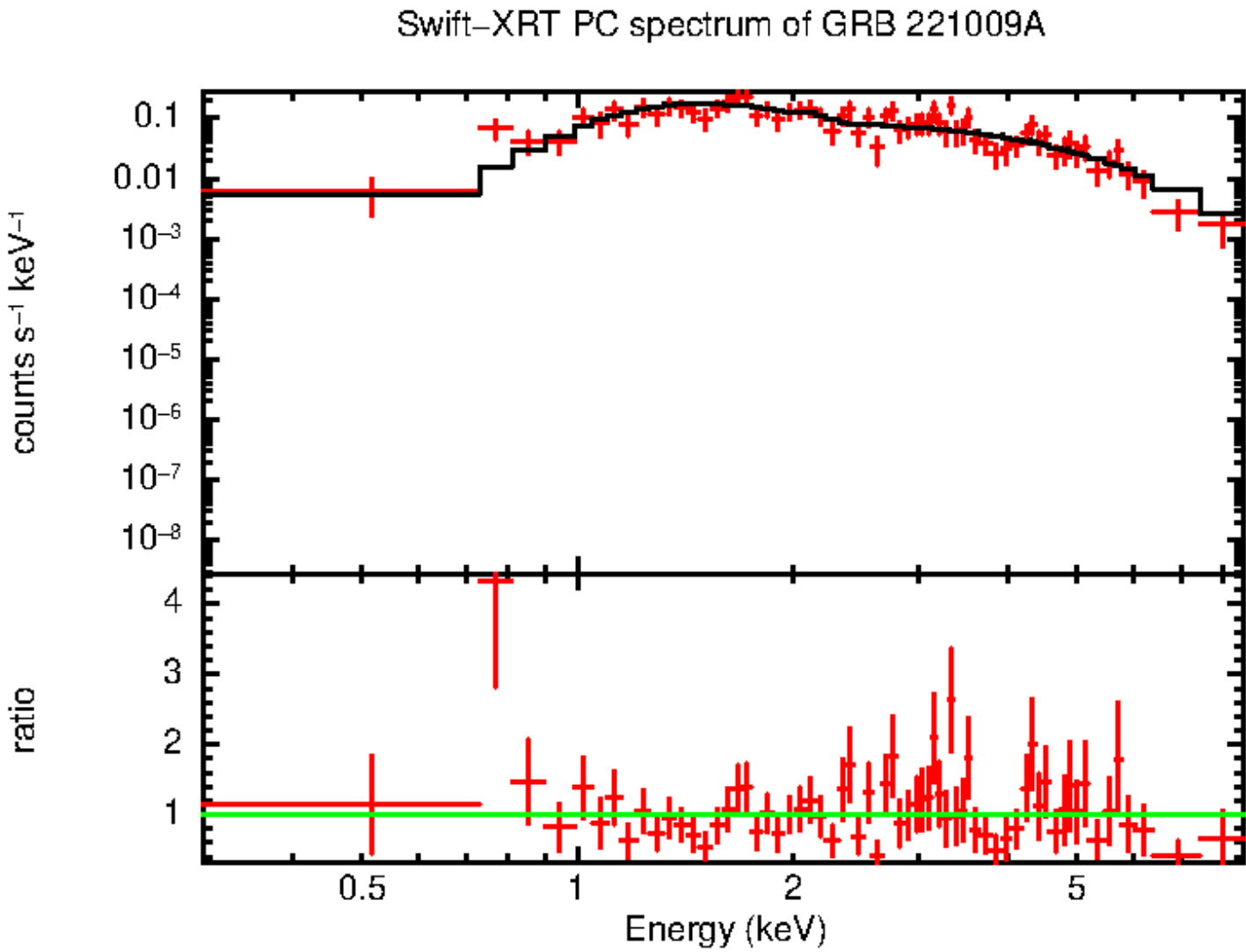
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night2_onepass spectrum (T0+: 260000-291000 s)

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PC mode. Mean photon arrival: T0+277971 s

N _H (Galactic)	5.38 × 10 ²¹ cm ⁻²
N _H (intrinsic)	1.3 (+0.6, -0.5) × 10 ²² cm ⁻²
z of absorber	0.151
Photon index	1.90 (+0.30, -0.27)
Flux (0.3-10 keV) (Observed)	4.1 (+0.5, -0.4) × 10 ⁻¹¹ erg cm ⁻² s ⁻¹
Flux (0.3-10 keV) (Unabsorbed)	7.8 (+2.3, -1.2) × 10 ⁻¹¹ erg cm ⁻² s ⁻¹
Counts to flux (obs)	5.54 × 10 ⁻¹¹ erg cm ⁻² ct ⁻¹
Counts to flux (unabs)	1.04 × 10 ⁻¹⁰ erg cm ⁻² ct ⁻¹
W-stat What's this? (dof)	297.62 (325)
Spectrum exposure	1.6 ks

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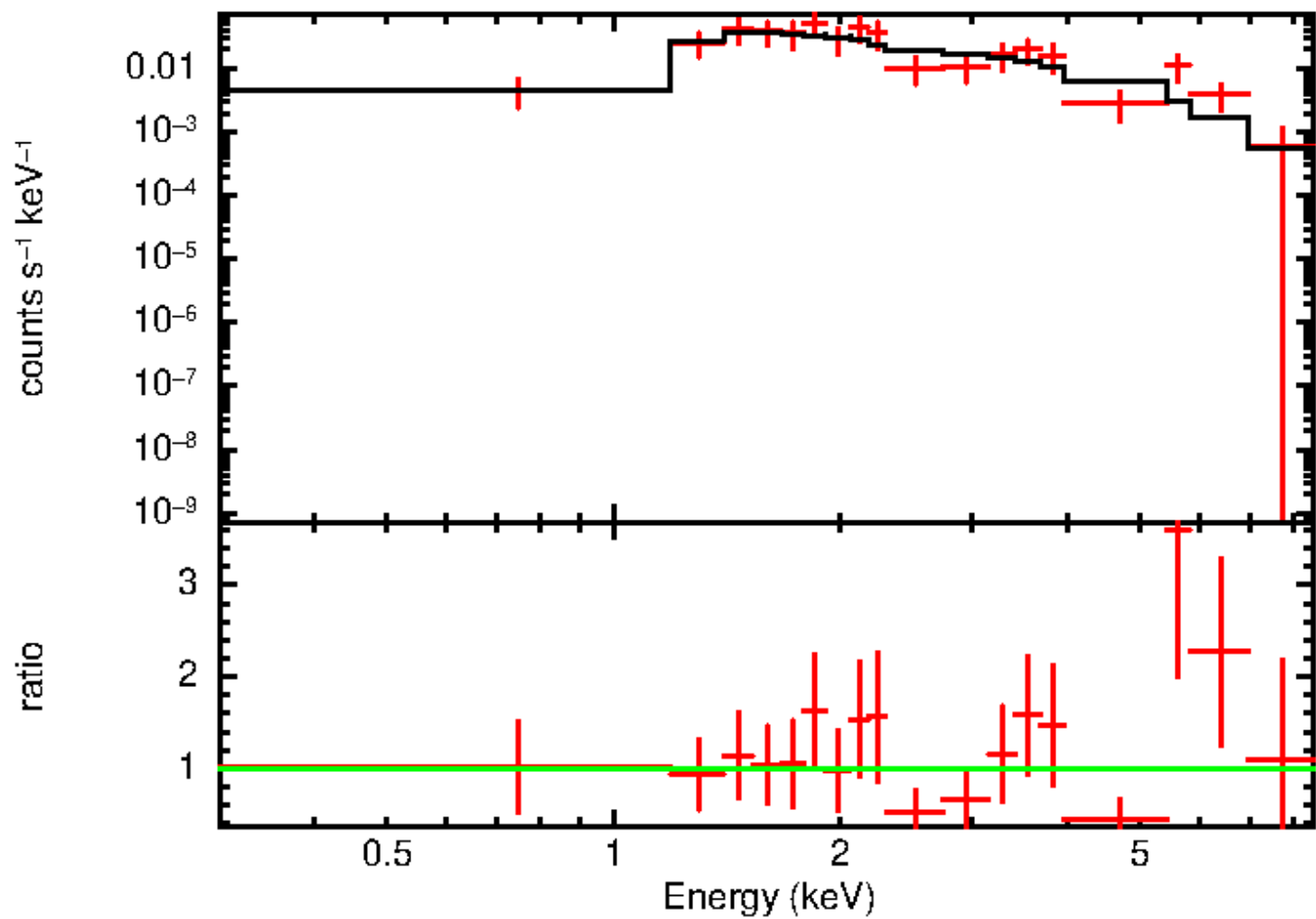
night3_onepass spectrum (T0+: 680000-730000 s)

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Swift-XRT PC spectrum of GRB 221009A



PC mode. Mean photon arrival: T0+710810 s

N _H (Galactic)	5.38 × 10 ²¹ cm ⁻²
N _H (intrinsic)	2.7 (+2.1, -1.5) × 10 ²² cm ⁻²
z of absorber	0.151
Photon index	2.4 (+0.9, -0.7)
Flux (0.3-10 keV) (Observed)	6.9 (+2.3, -1.7) × 10 ⁻¹² erg cm ⁻² s ⁻¹
Flux (0.3-10 keV) (Unabsorbed)	2.5 (+6.7, -1.2) × 10 ⁻¹¹ erg cm ⁻² s ⁻¹
Counts to flux (obs)	4.98 × 10 ⁻¹¹ erg cm ⁻² ct ⁻¹
Counts to flux (unabs)	1.78 × 10 ⁻¹⁰ erg cm ⁻² ct ⁻¹
W-stat What's this? (dof)	67.36 (83)
Spectrum exposure	1.1 ks

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