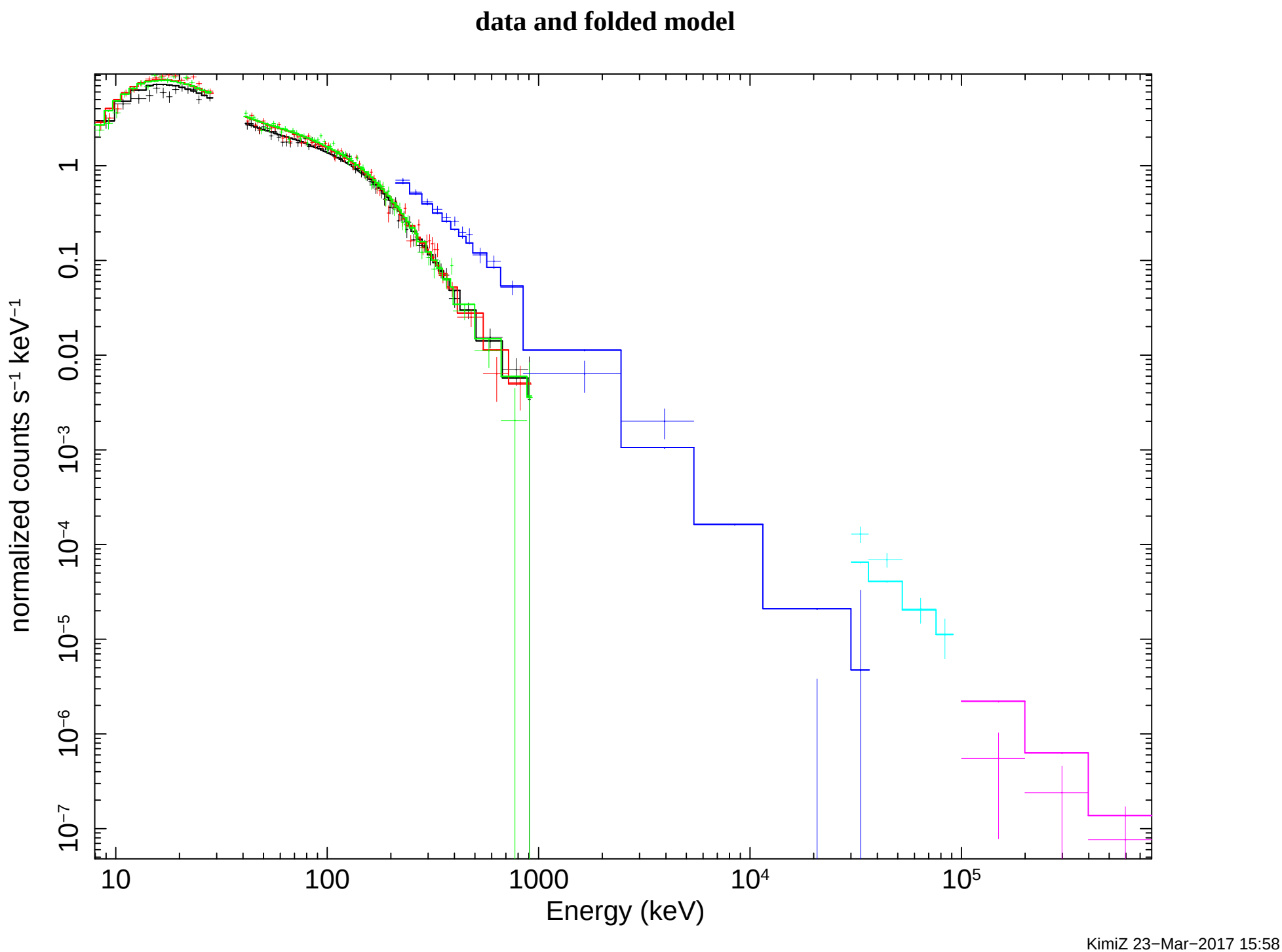
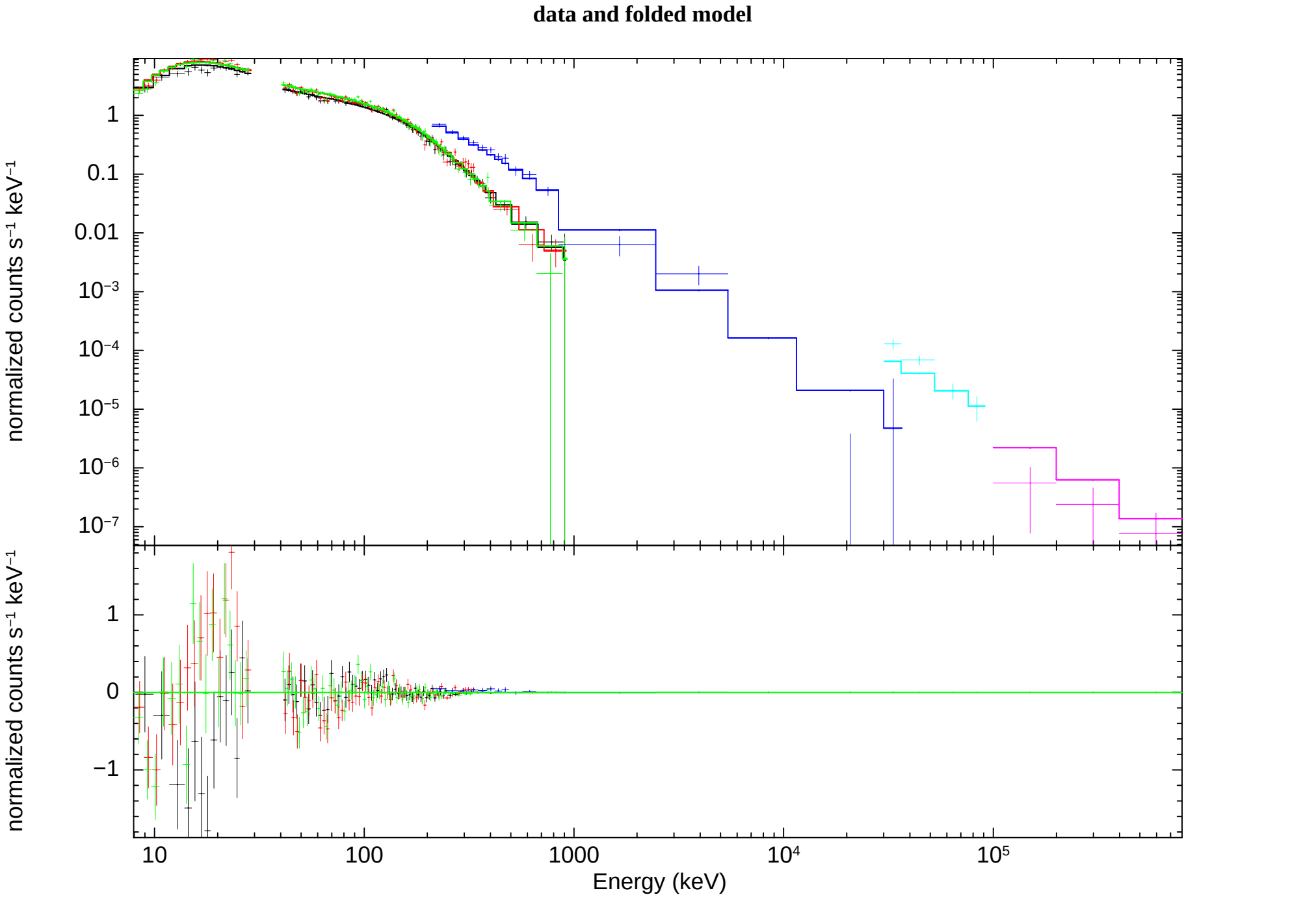

data and folded model
normalized counts s⁻¹ keV⁻¹
1
0.1
0.01
10⁻³
10⁻⁴
10⁻⁵
10⁻⁶
10⁻⁷
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:58



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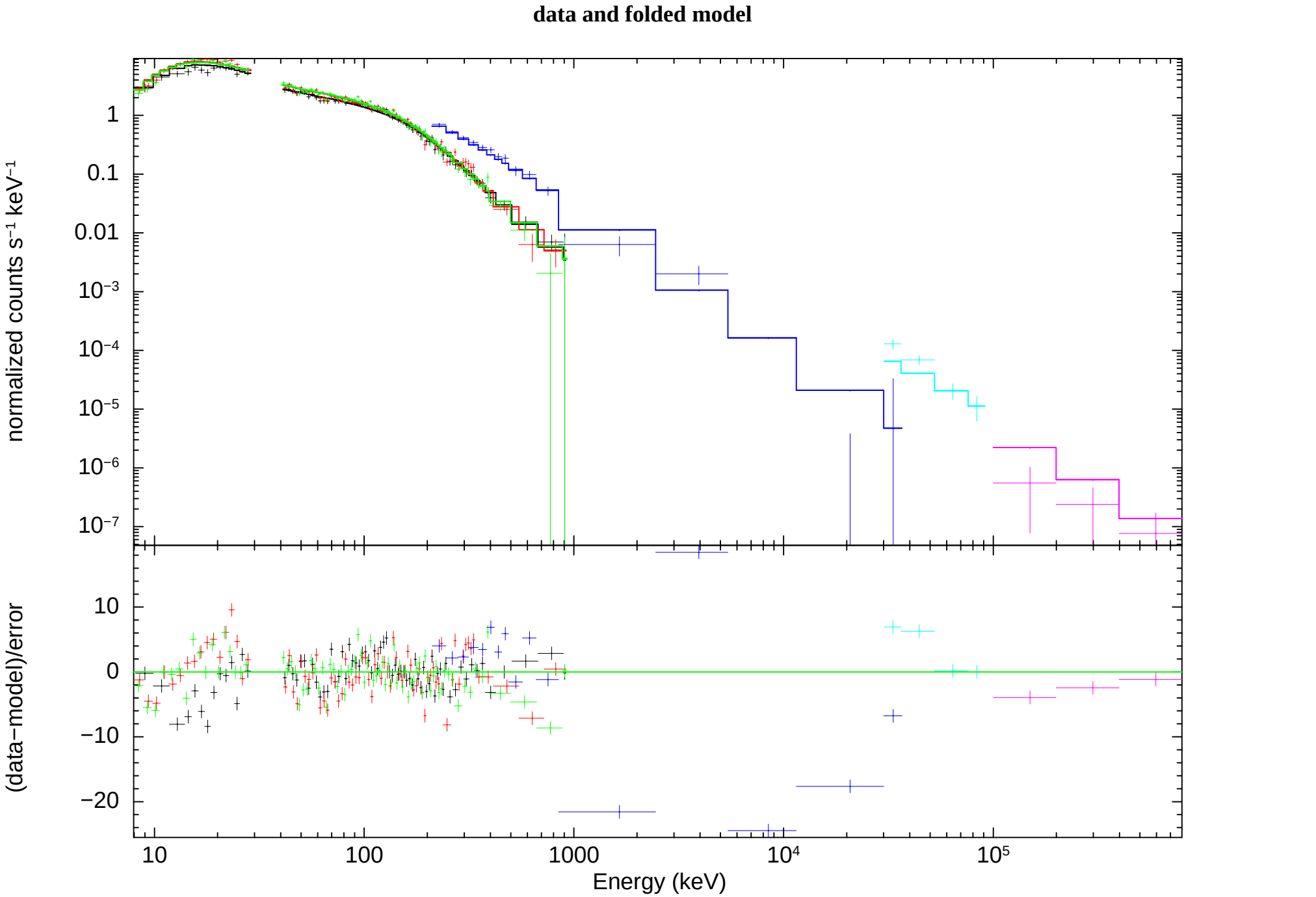
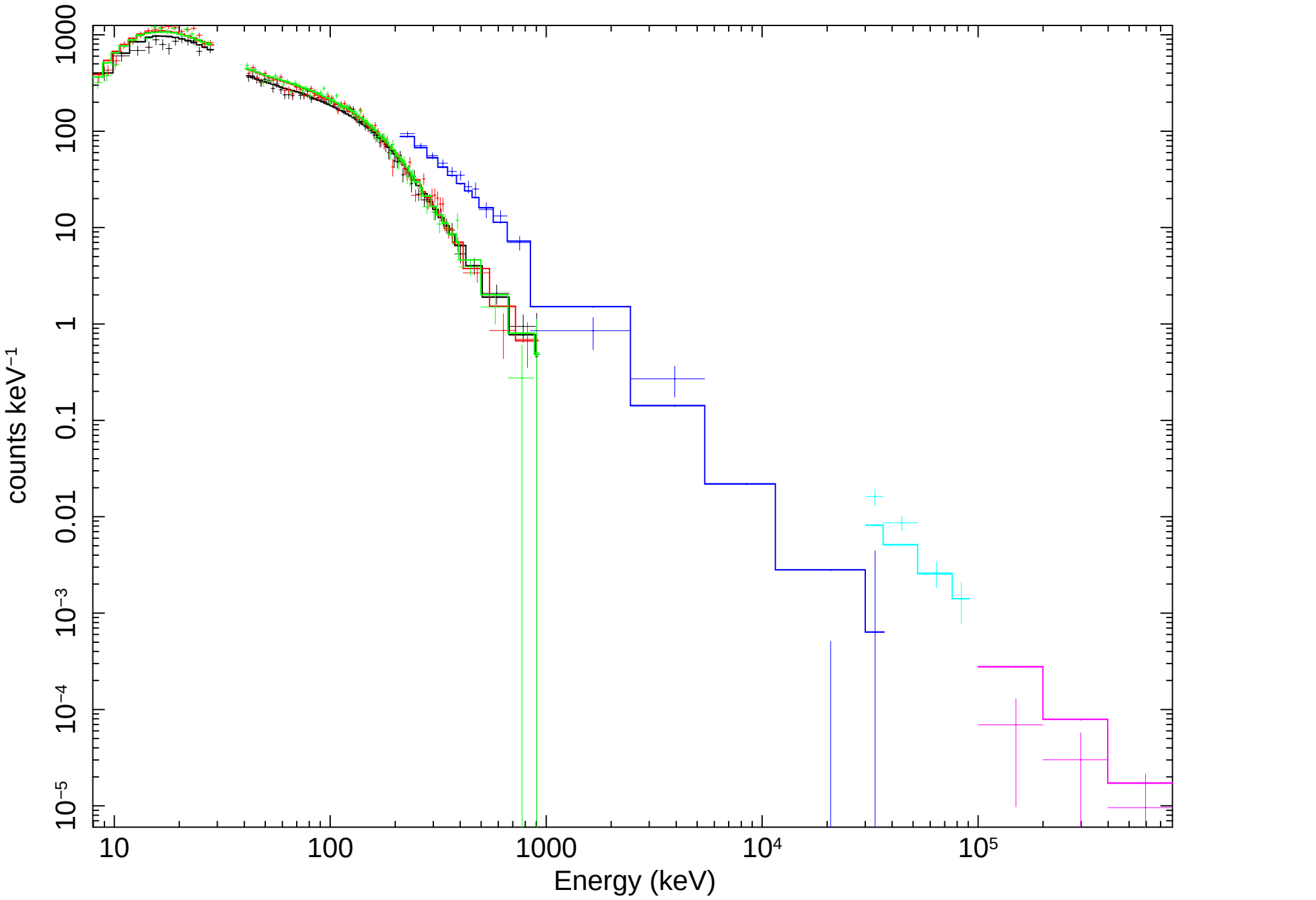
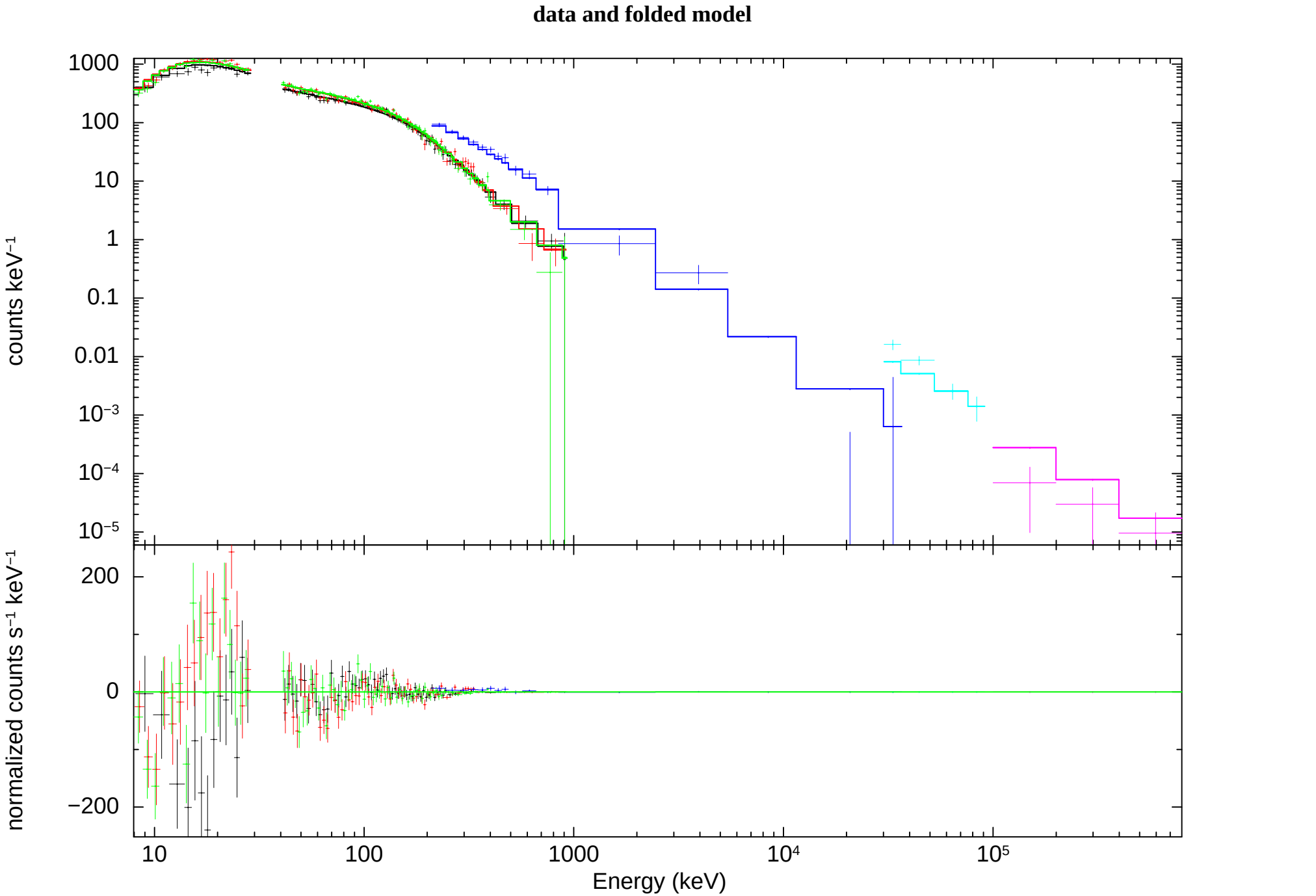
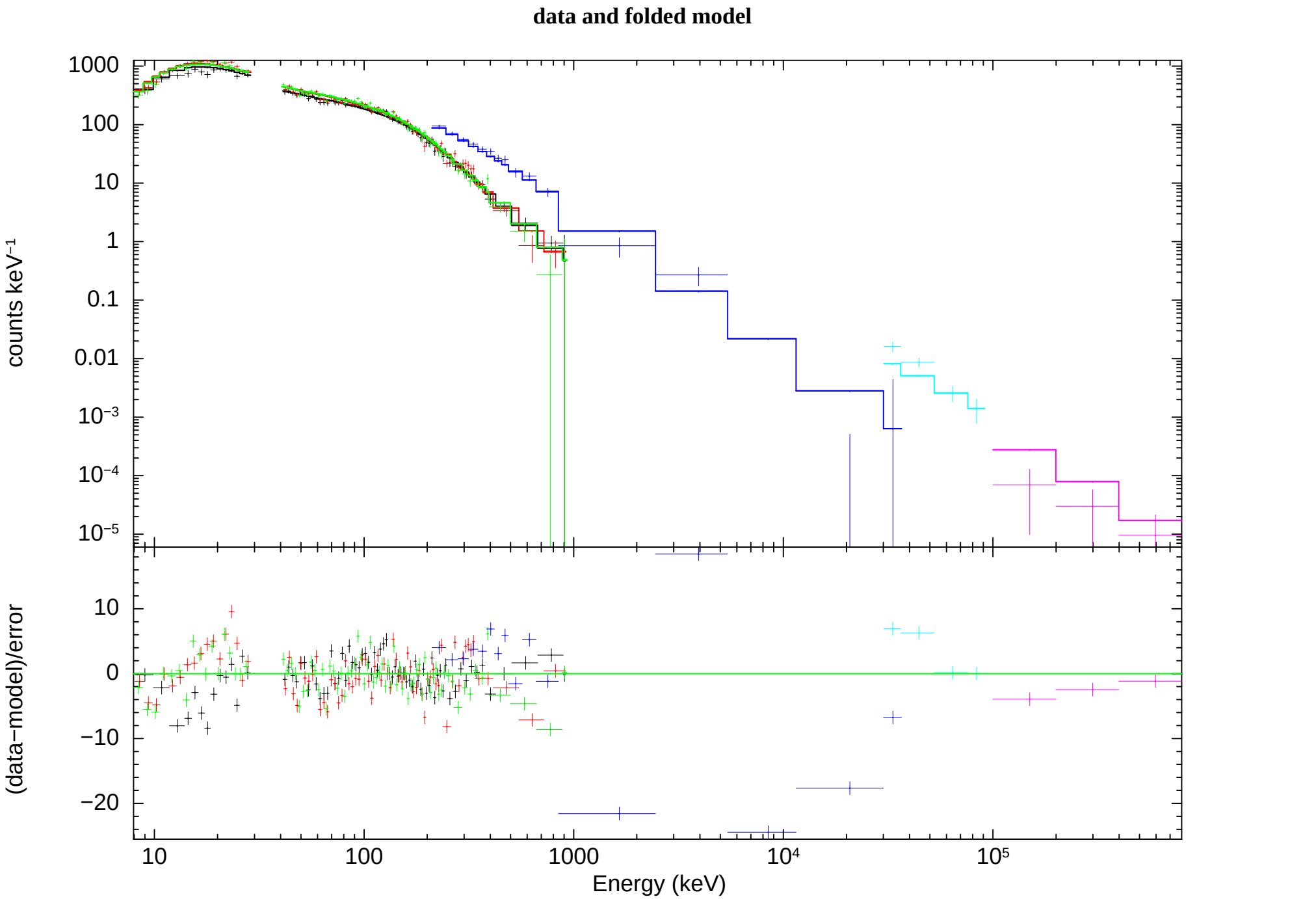

data and folded model
normalized counts s^{-1} keV^{-1}
1
0.1
0.01
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
(data−model)/error
10
0
−10
−20
10
100
1000
10^4
10^5
Energy (keV)
KimiZ 23−Mar−2017 15:58


data and folded model
counts keV⁻¹
1000
100
10
1
0.1
0.01
10⁻³
10⁻⁴
10⁻⁵
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:58


data and folded model
counts keV⁻¹
normalized counts s⁻¹ keV⁻¹
Energy (keV)
1000
100
10
1
0.1
0.01
10⁻³
10⁻⁴
10⁻⁵
200
0
−200
10
100
1000
10⁴
10⁵
KimiZ 23−Mar−2017 15:58



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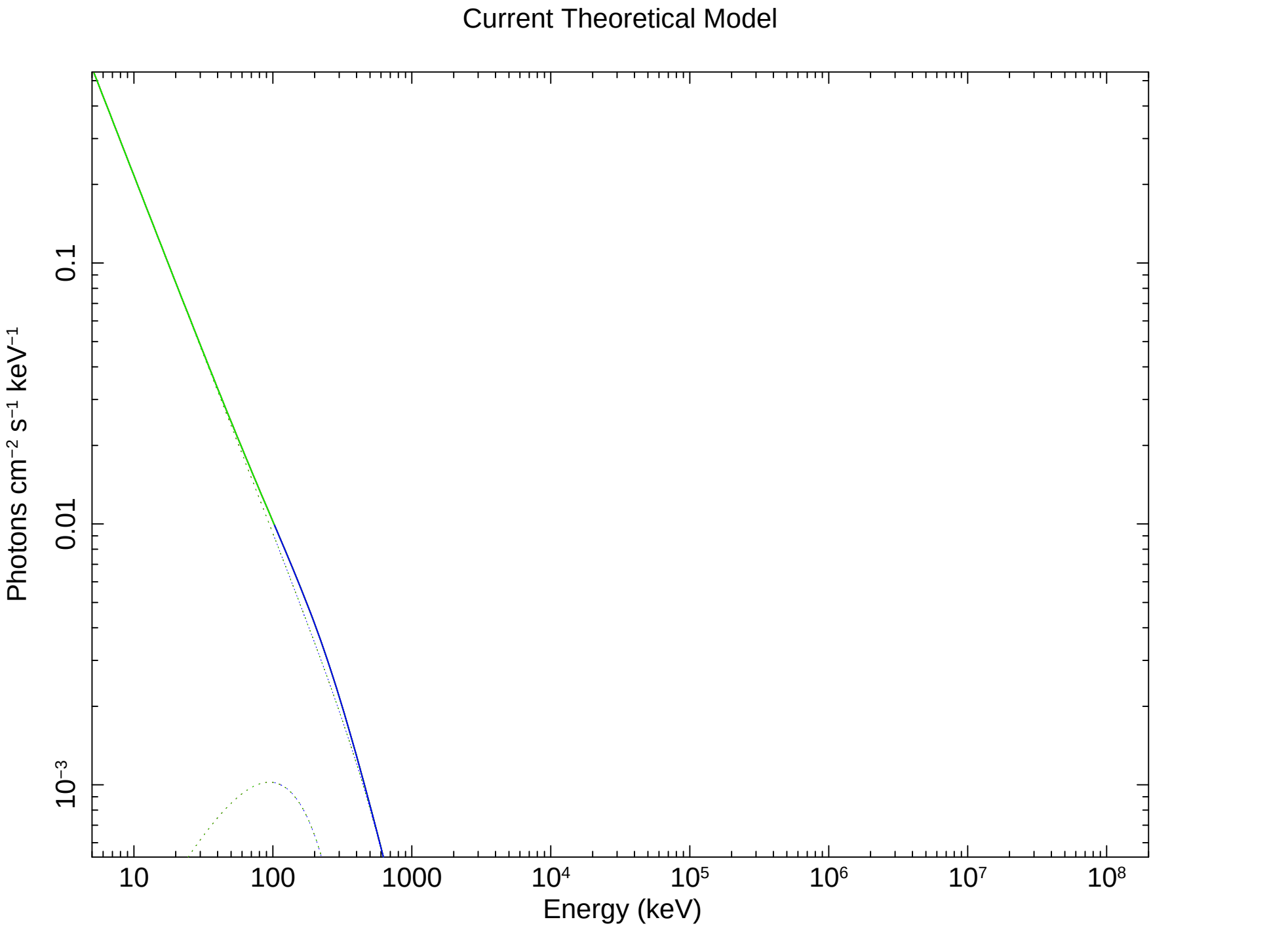
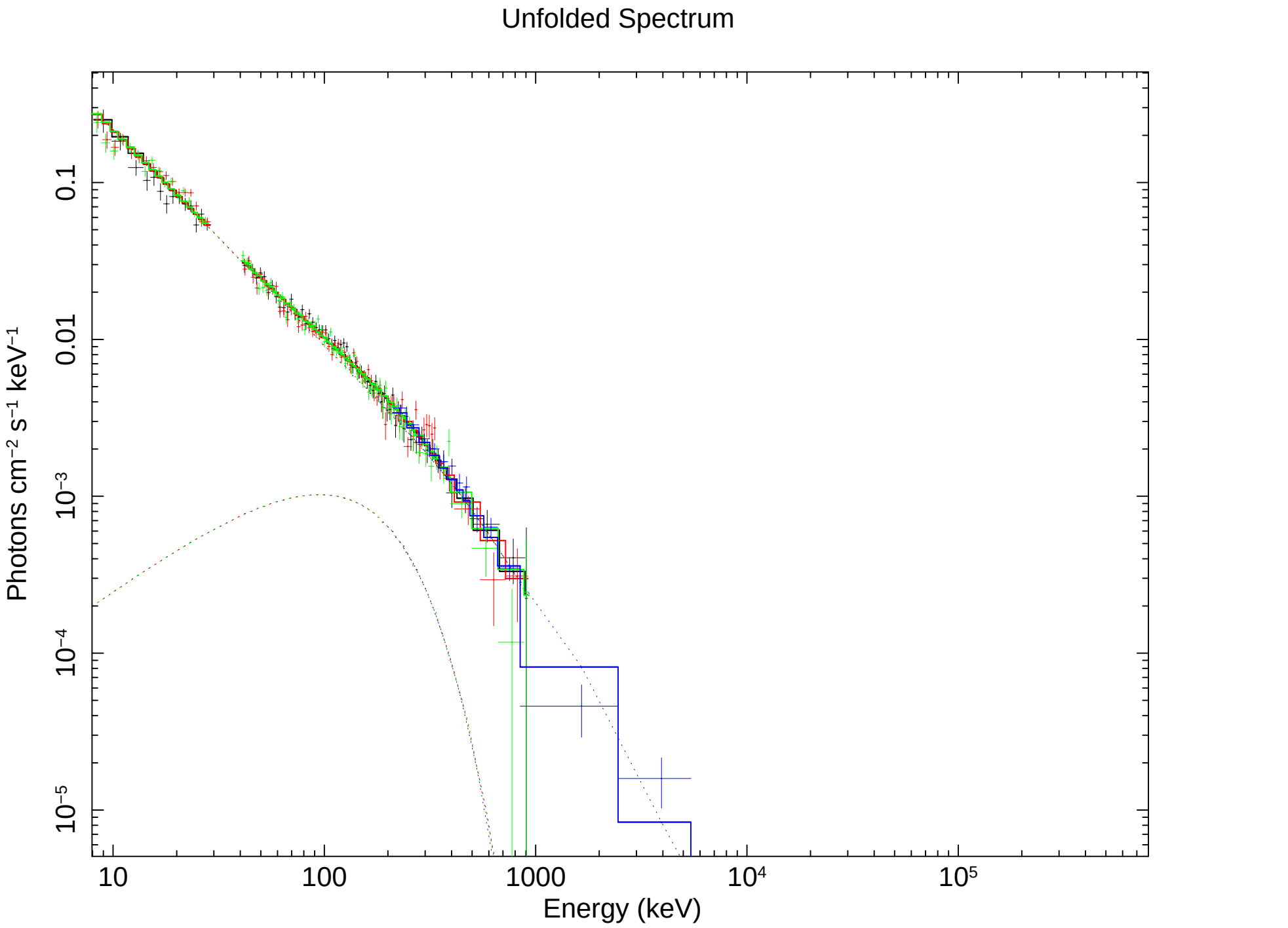
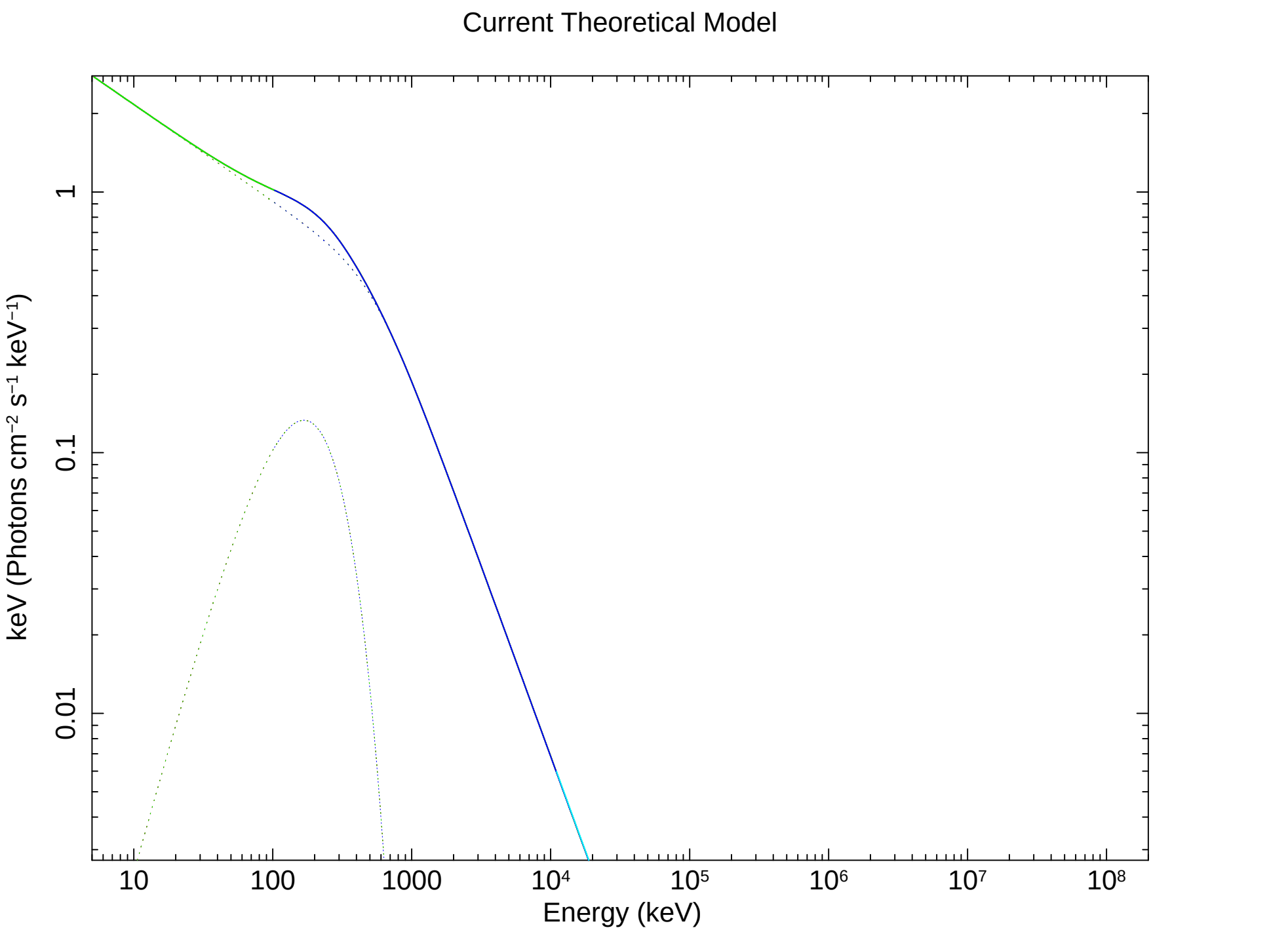
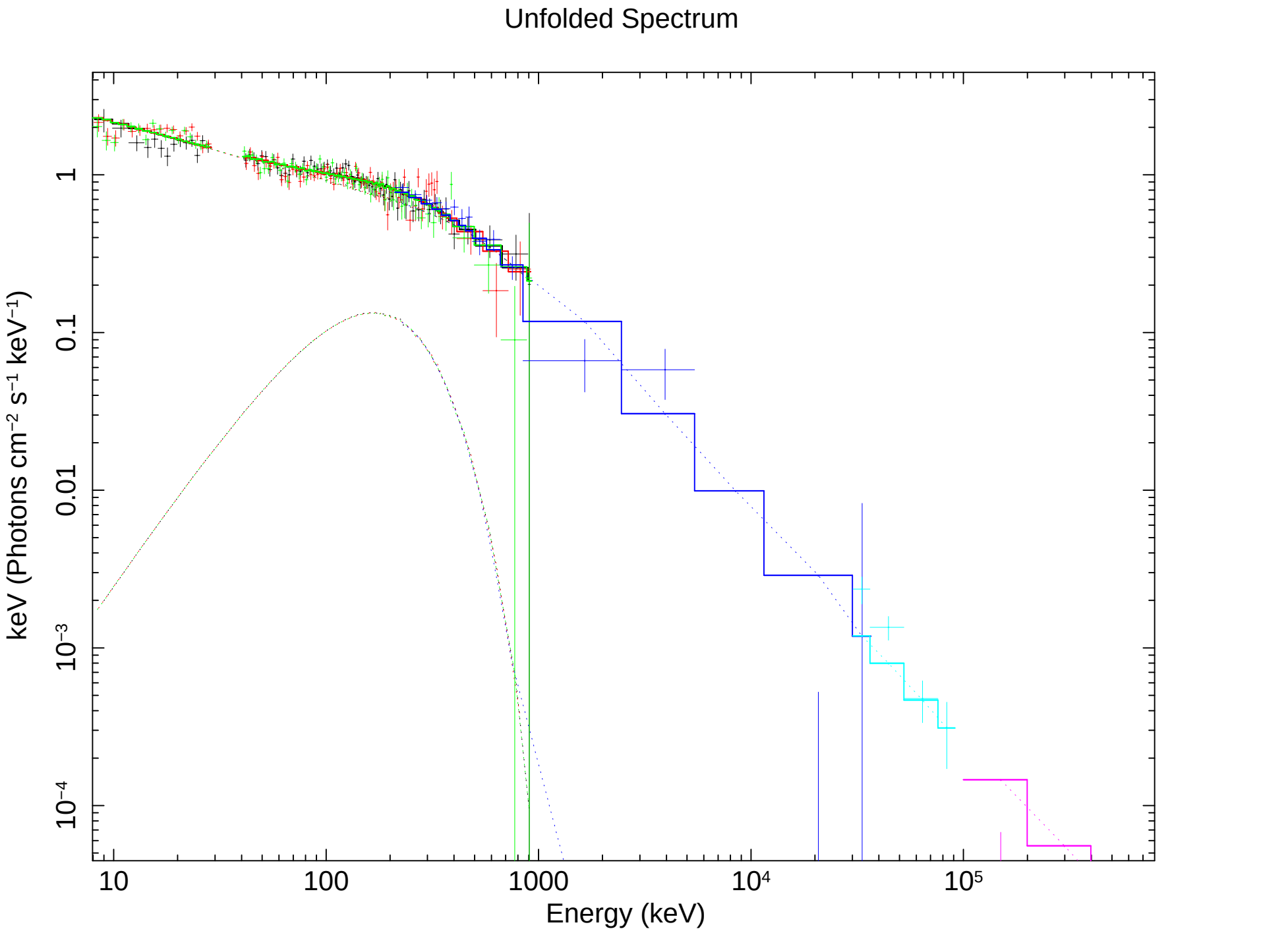
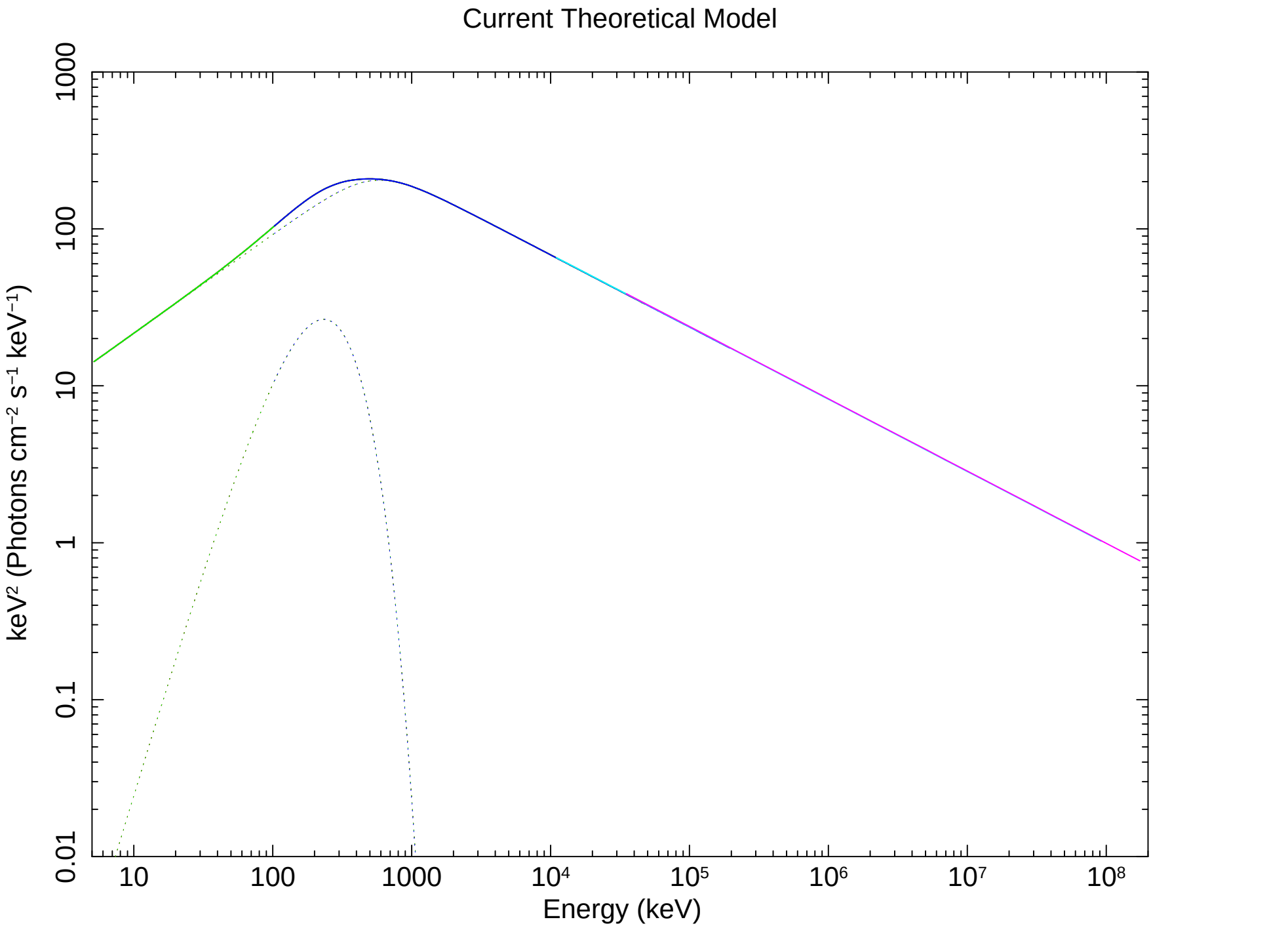

Current Theoretical Model
Photons cm^{-2} s^{-1} keV^{-1}
0.1
0.01
10^{-3}
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 23−Mar−2017 15:58


Unfolded Spectrum
Photons cm^{-2} s^{-1} keV^{-1}
0.1
0.01
10^{-3}
10^{-4}
10^{-5}
10
100
1000
10^{4}
10^{5}
Energy (keV)
KimiZ 23−Mar−2017 15:58


Current Theoretical Model
keV (Photons cm^{-2} s^{-1} keV^{-1})
1
0.1
0.01
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 23−Mar−2017 15:58


Unfolded Spectrum
keV (Photons cm⁻² s⁻¹ keV⁻¹)
1
0.1
0.01
10⁻³
10⁻⁴
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:58


Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
0.01
0.1
1
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
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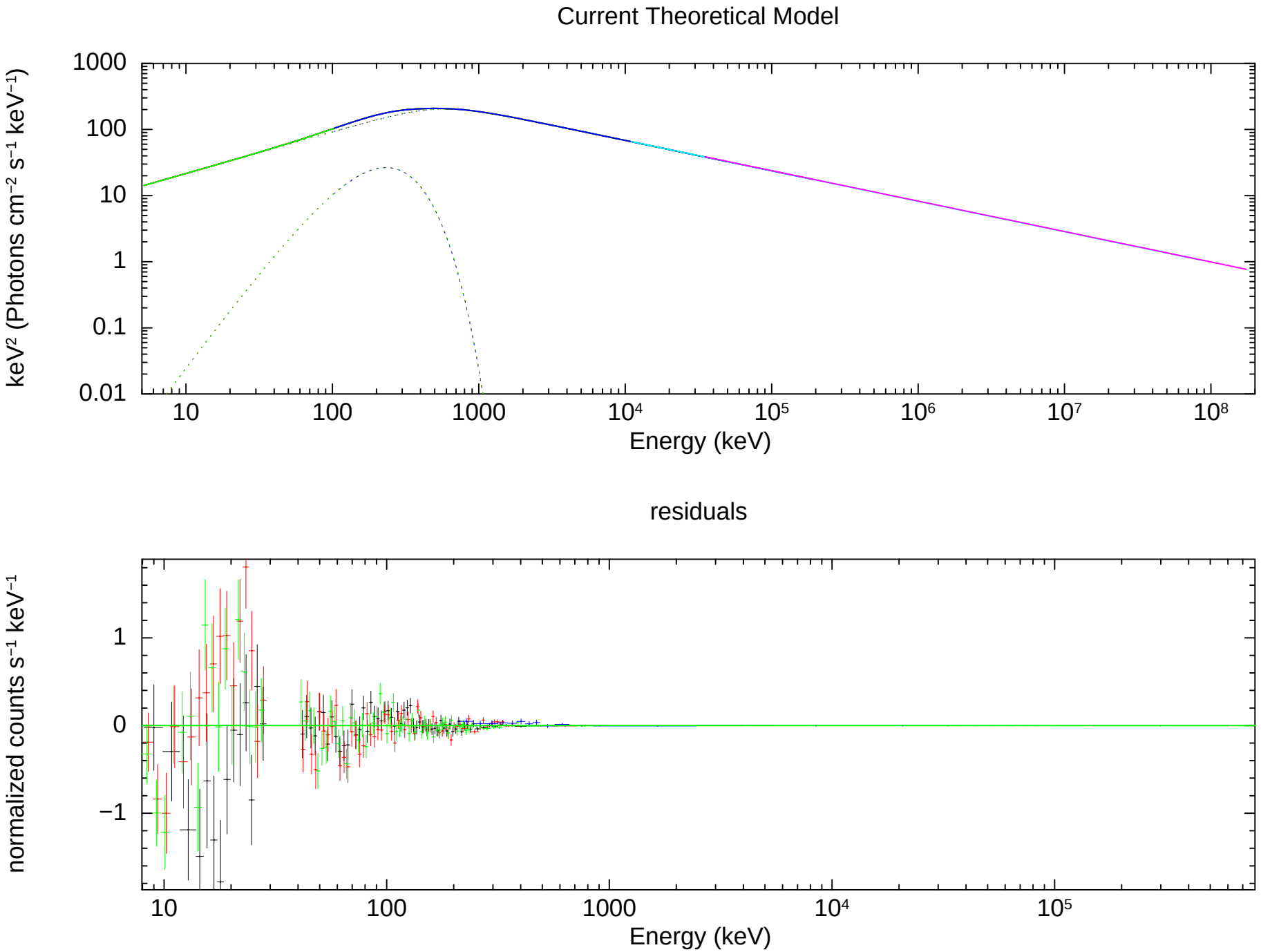
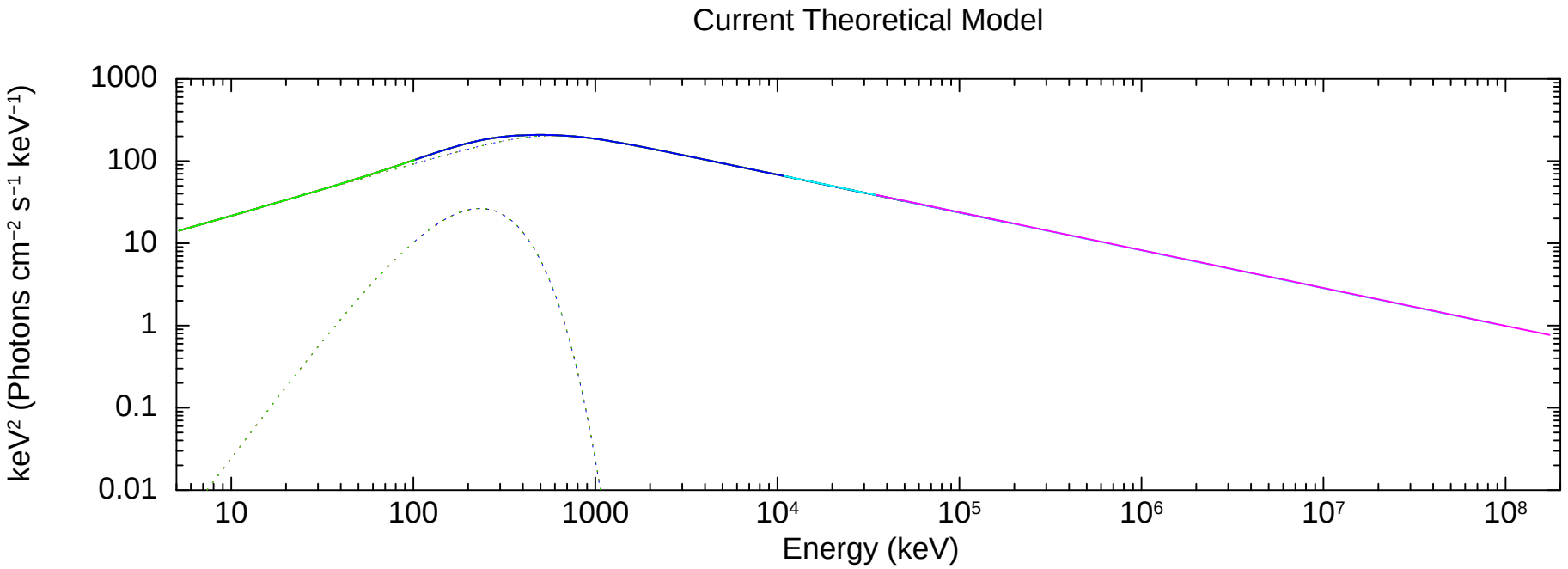
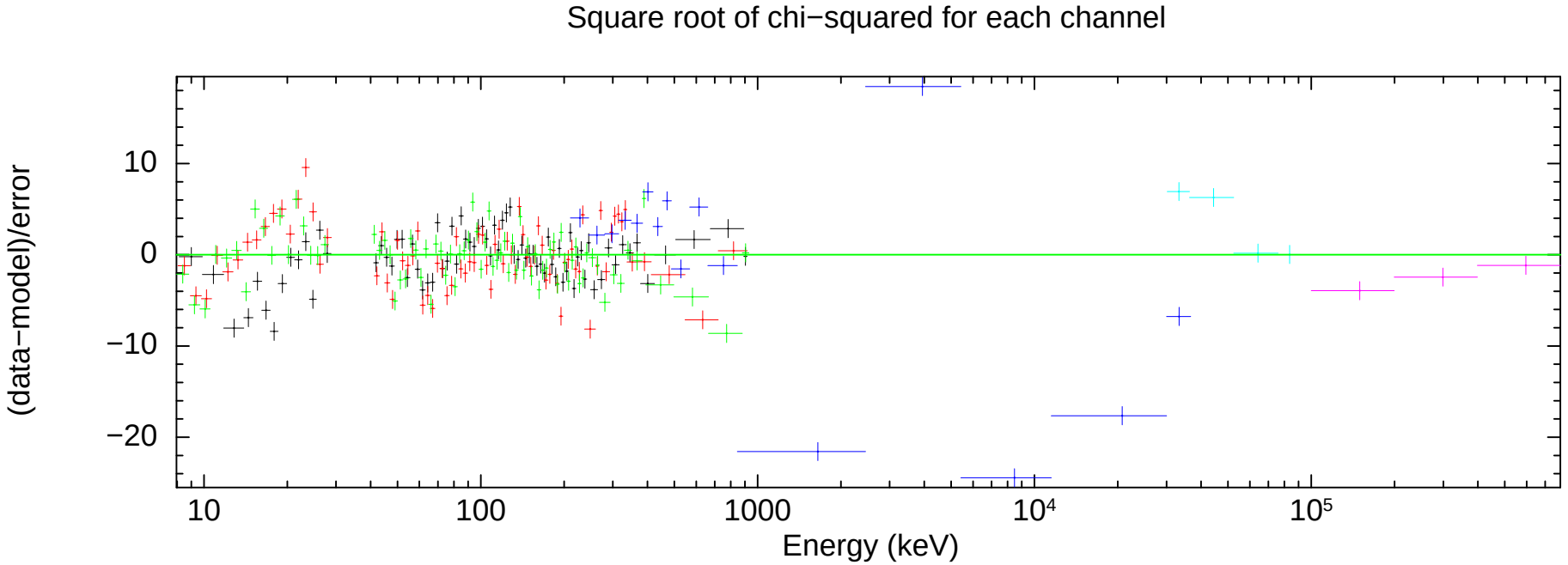

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
0.1
0.01
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
residuals
normalized counts s⁻¹ keV⁻¹
1
0
−1
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59





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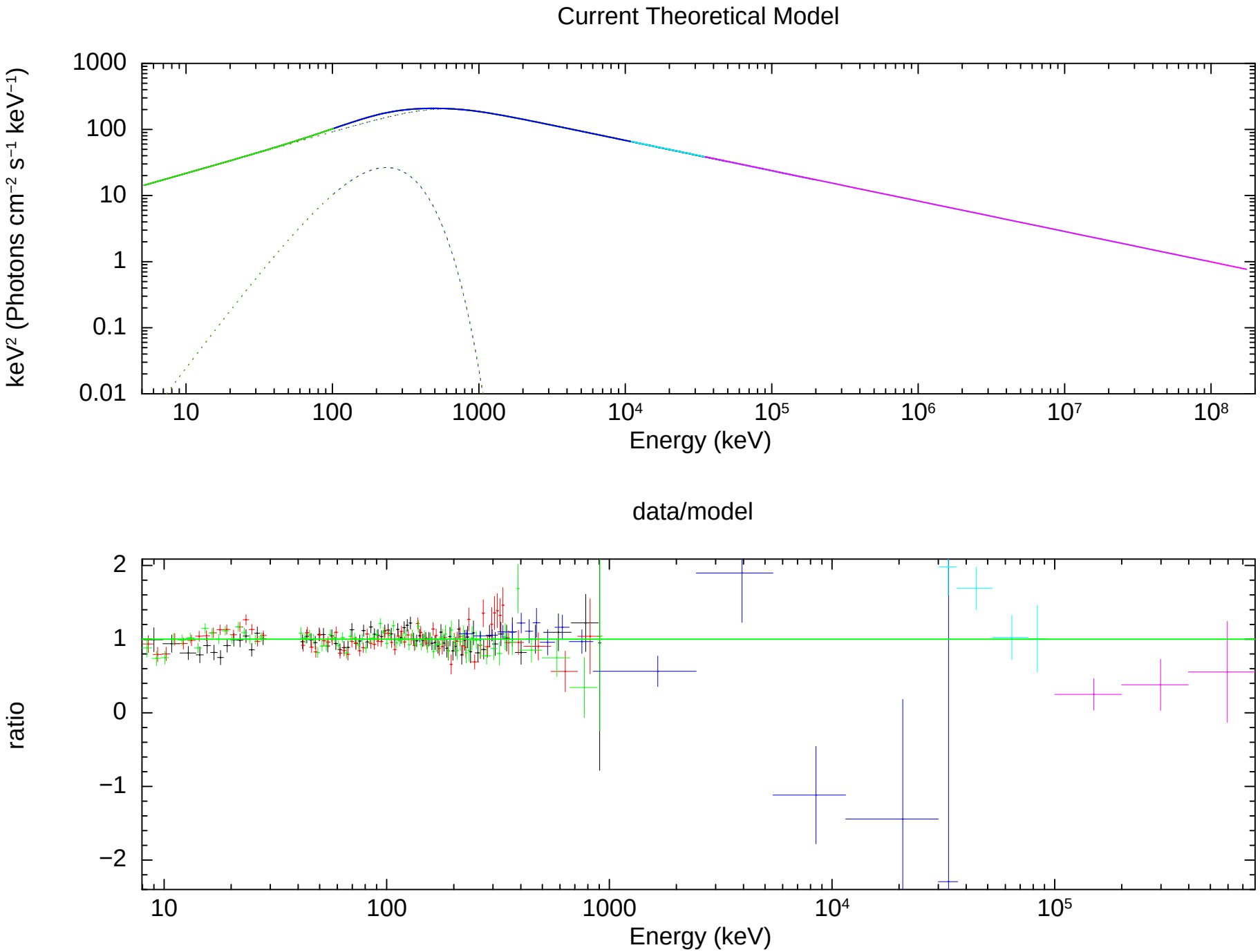
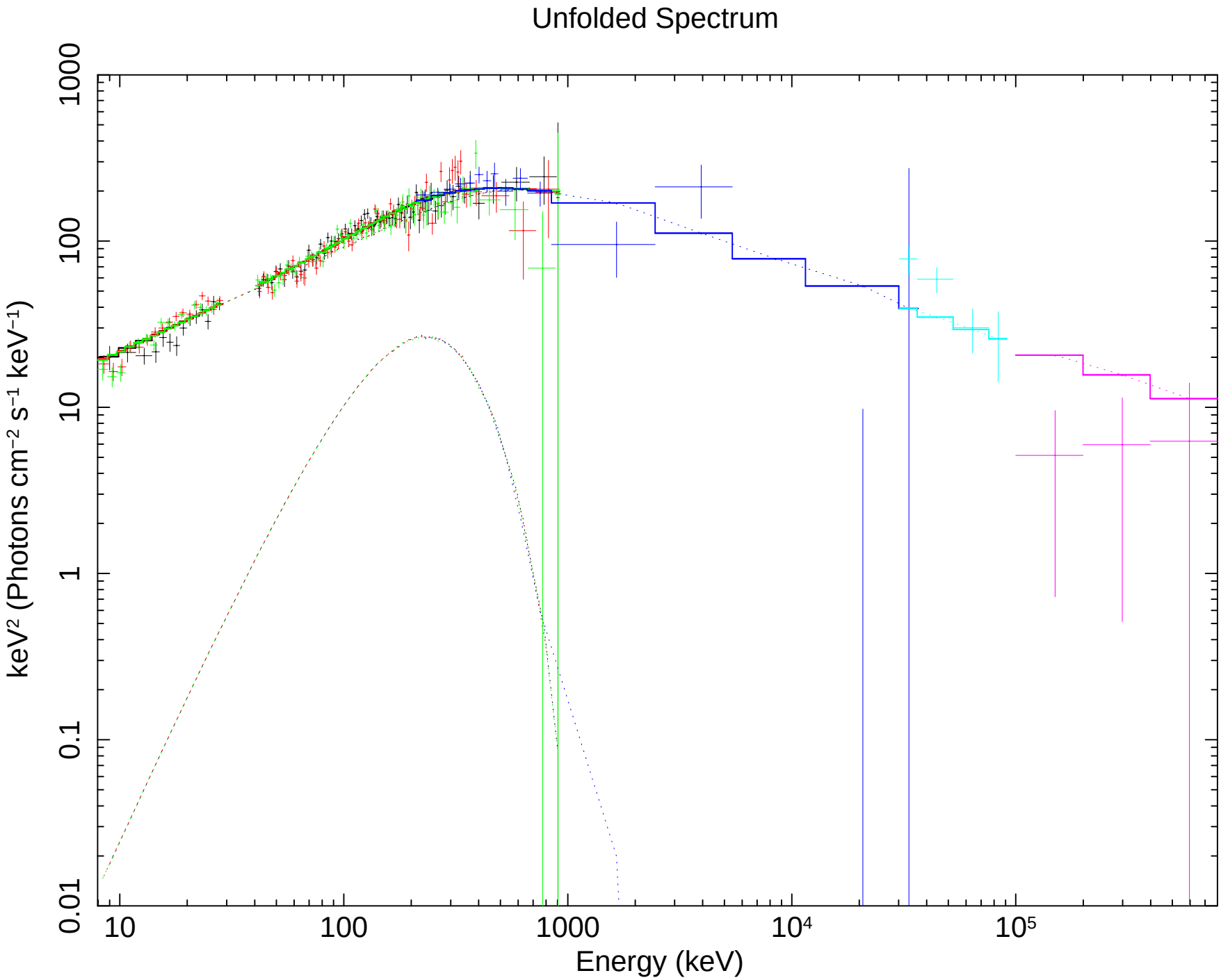
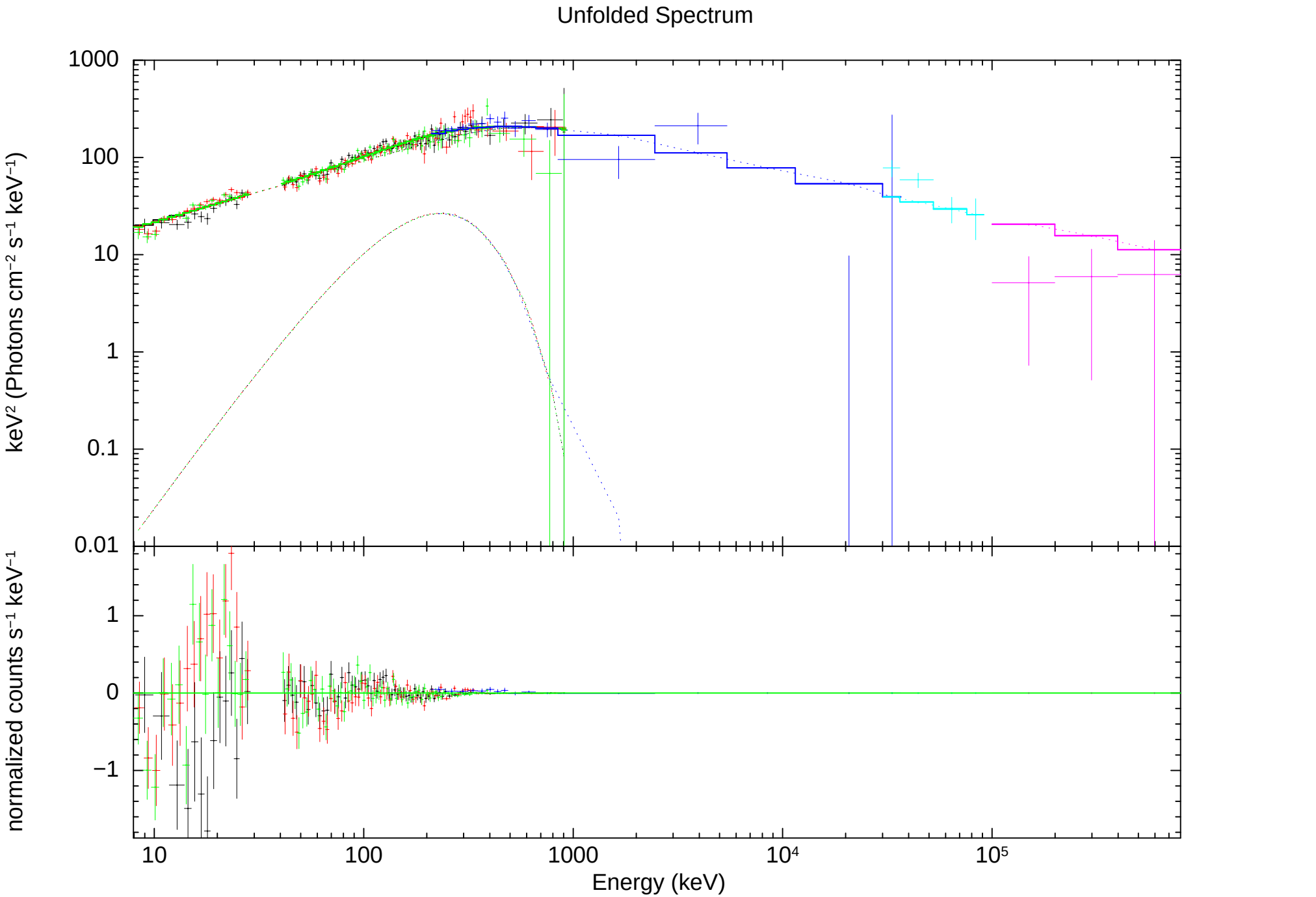
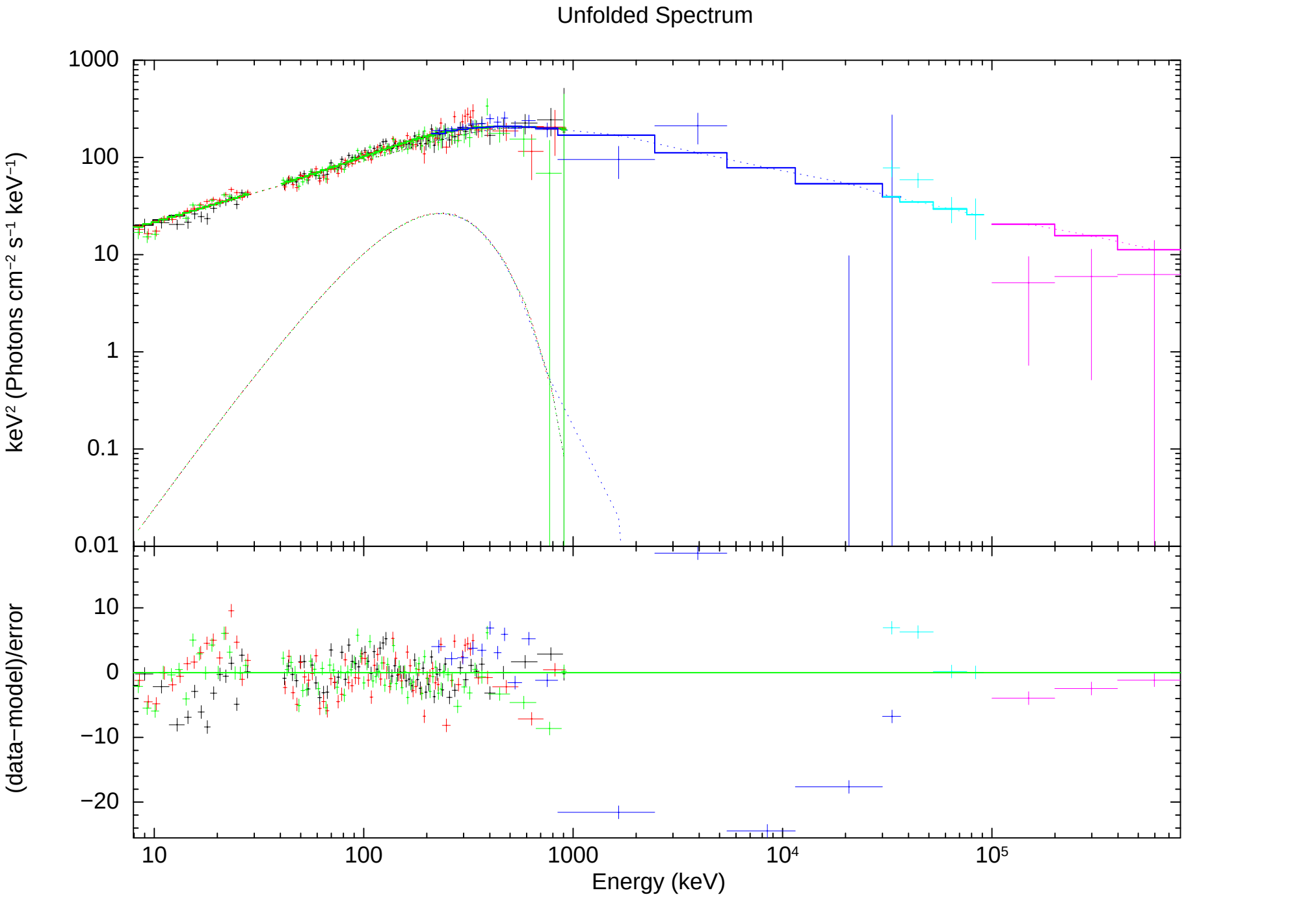
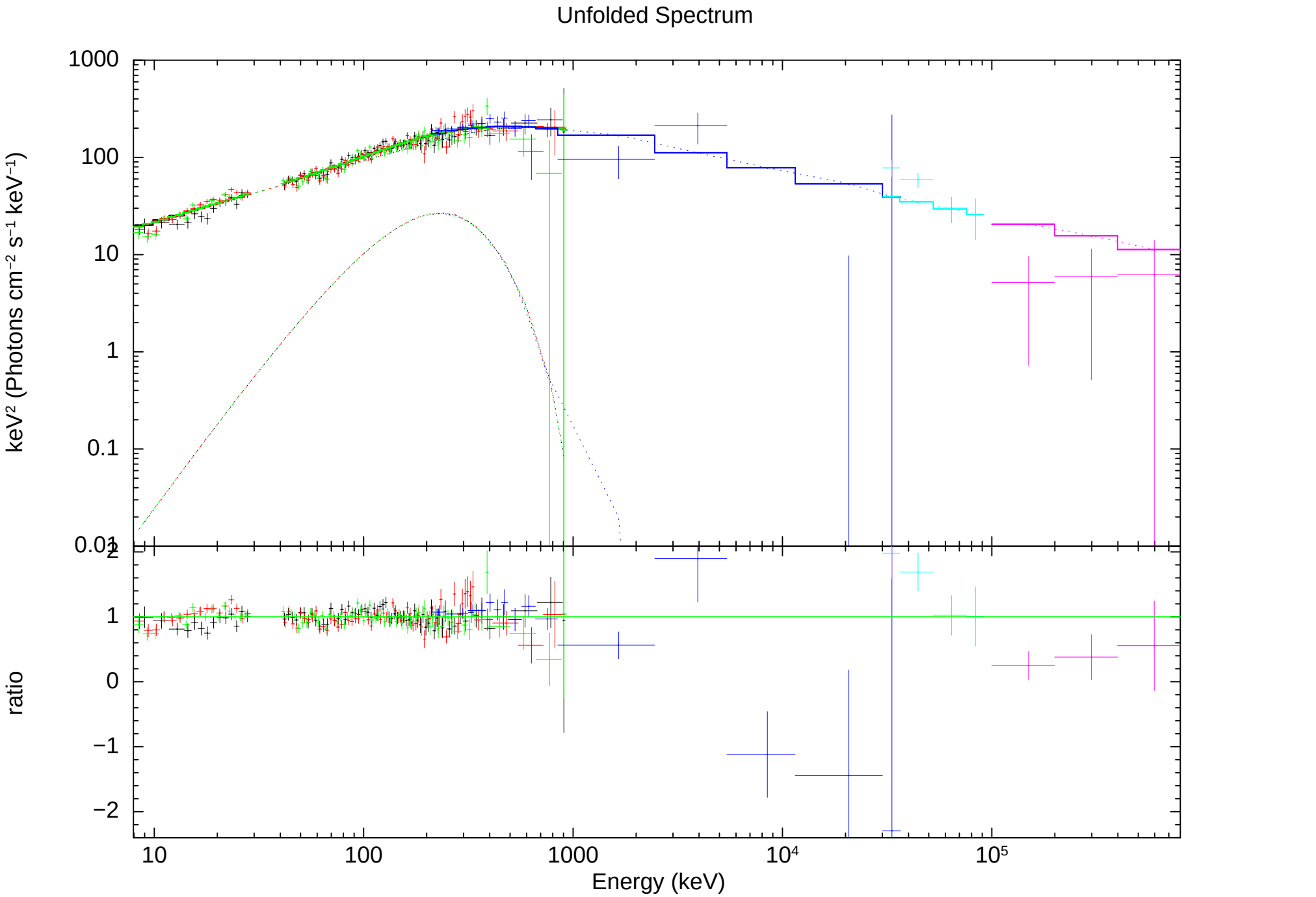

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
0.1
0.01
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
data/model
ratio
2
1
0
−1
−2
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59


Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
0.01
0.1
1
10
100
1000
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59


Unfolded Spectrum
1000
100
10
1
0.1
0.01
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1
0
−1
normalized counts s⁻¹ keV⁻¹
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59


Unfolded Spectrum
1000
100
10
1
0.1
0.01
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
10
0
−10
−20
(data−model)/error
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59



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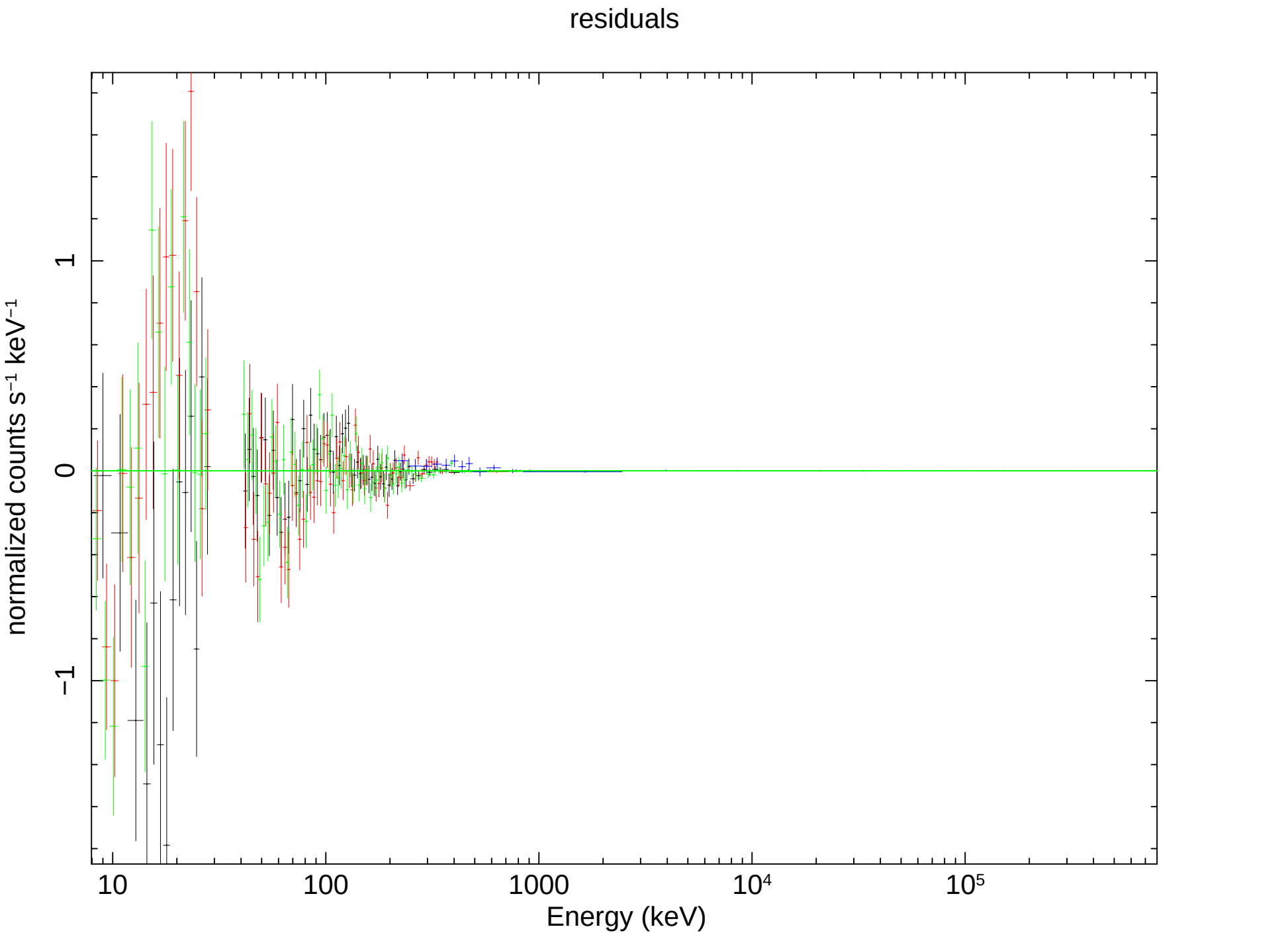
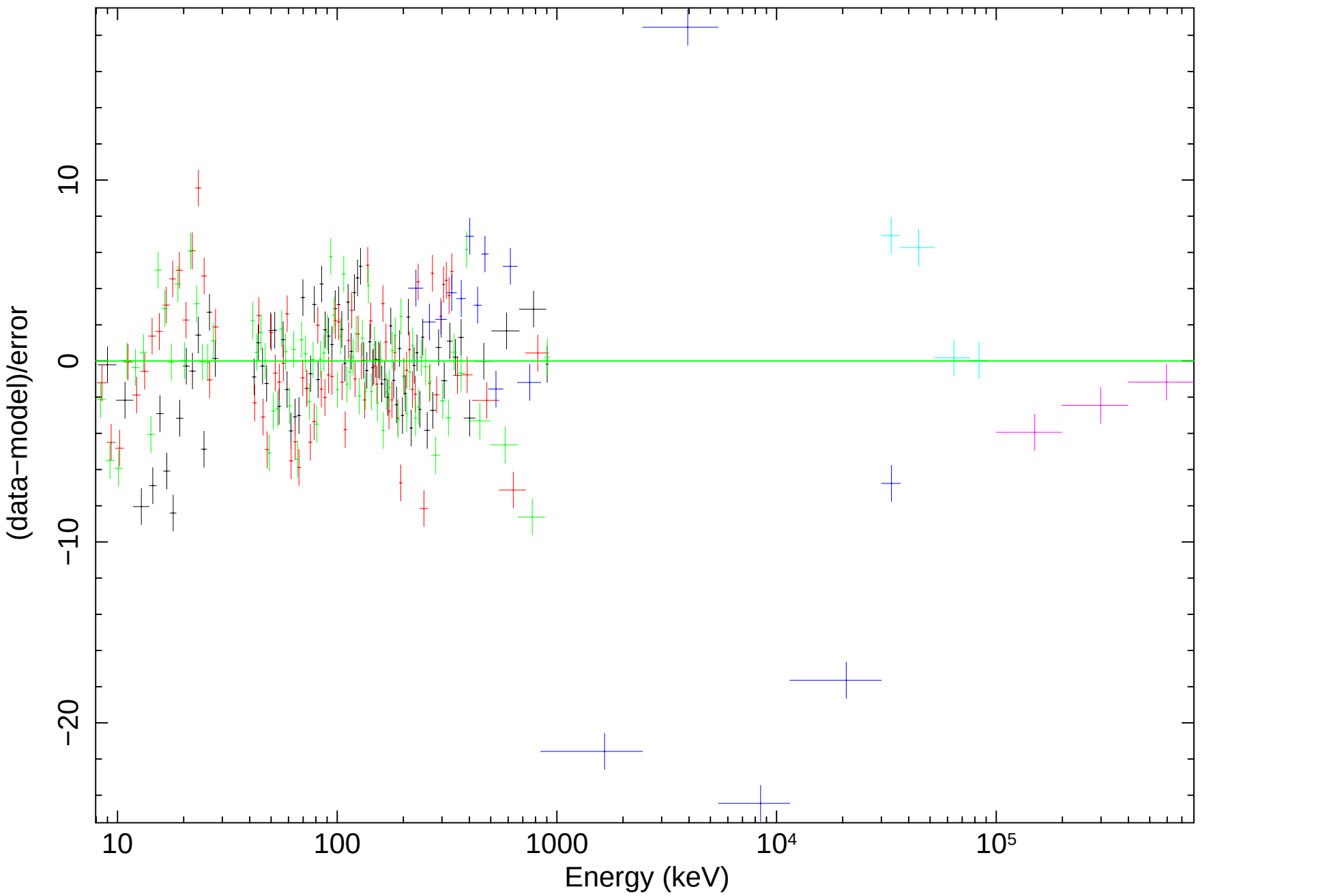
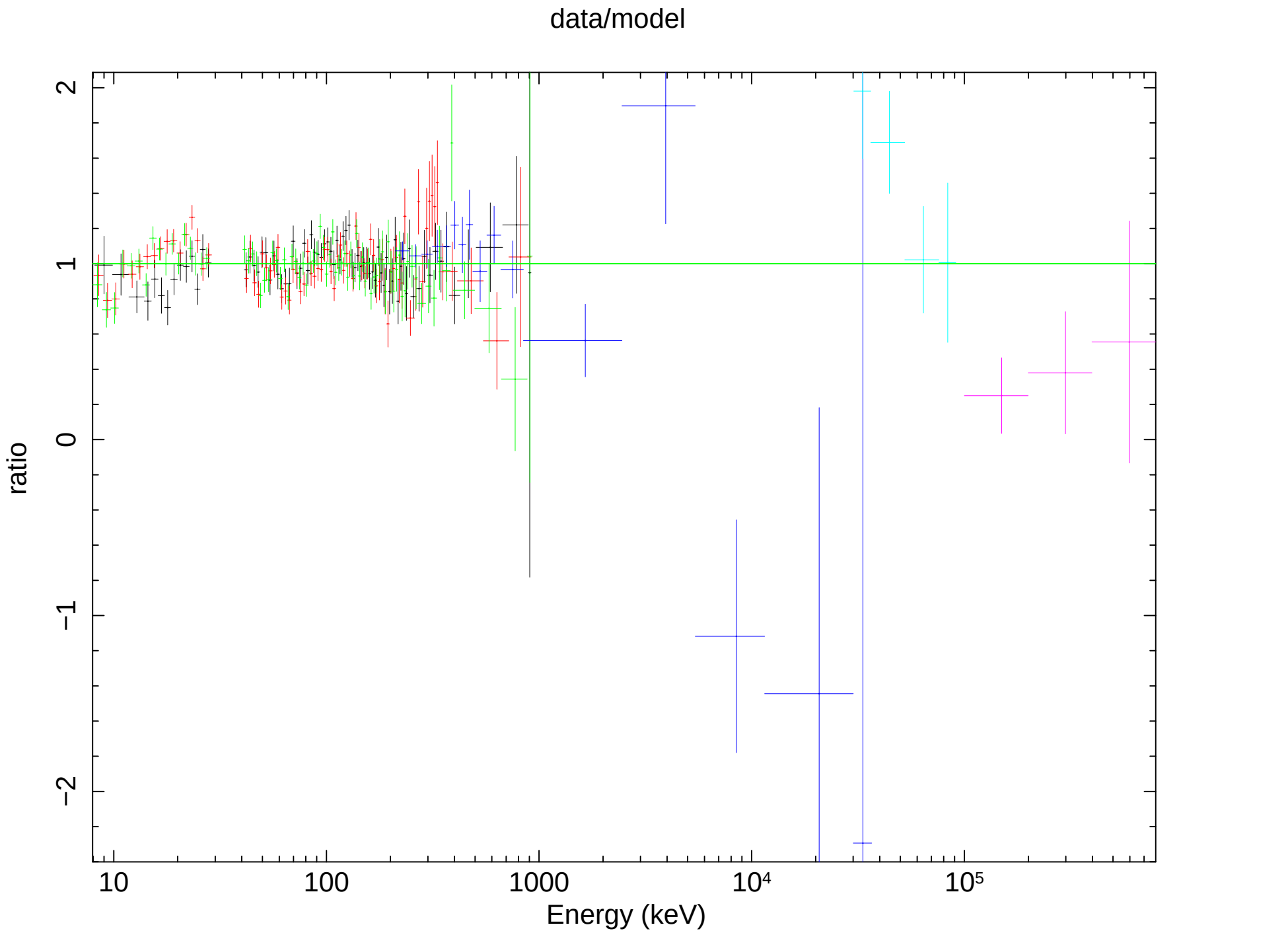

residuals
normalized counts s^{-1} keV^{-1}
1
0
−1
10
100
1000
10^4
10^5
Energy (keV)
KimiZ 23−Mar−2017 15:59


Square root of chi−squared for each channel
(data−model)/error
10
0
−10
−20
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59


data/model
ratio
2
1
0
−1
−2
10
100
1000
10⁴
10⁵
Energy (keV)
KimiZ 23−Mar−2017 15:59