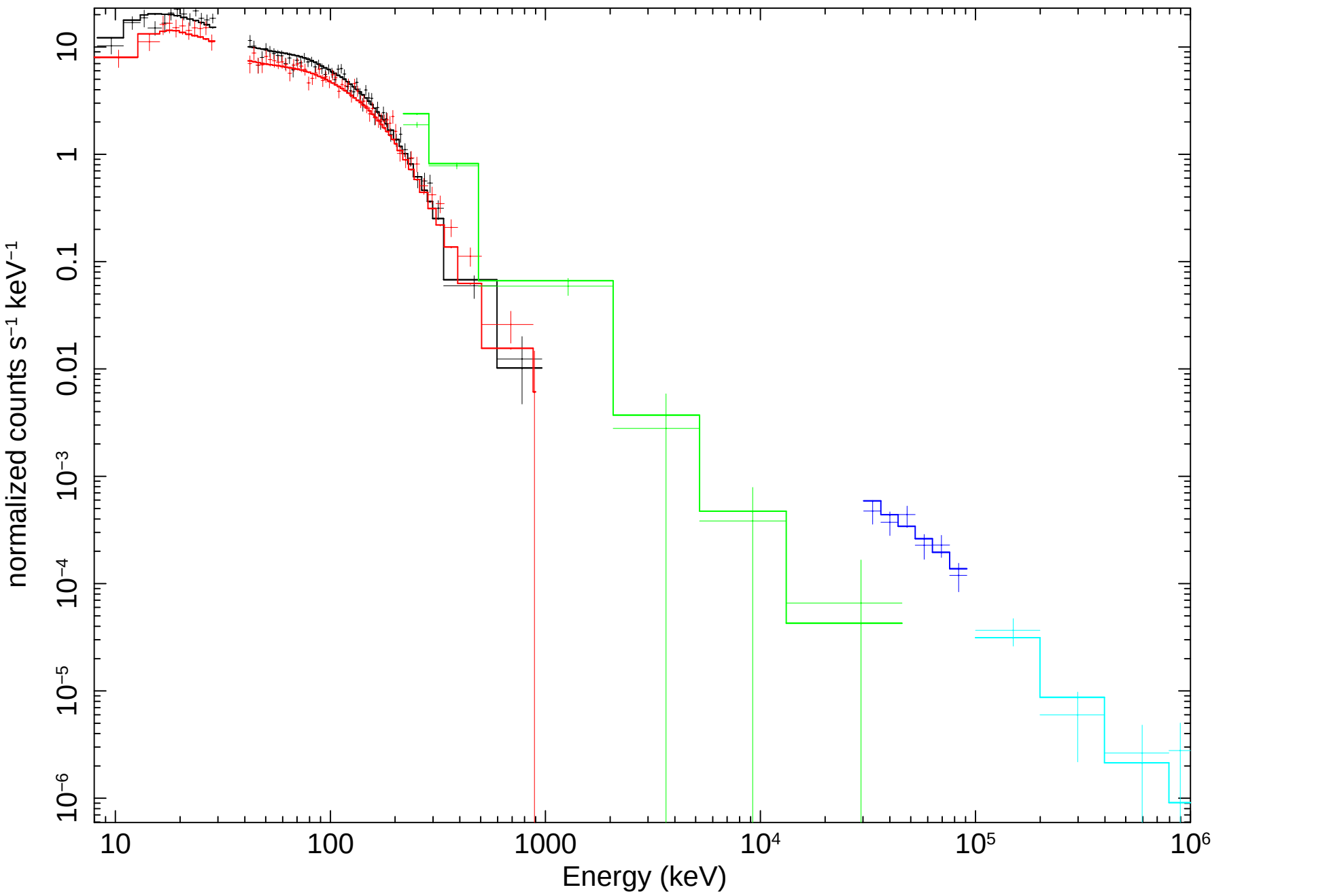
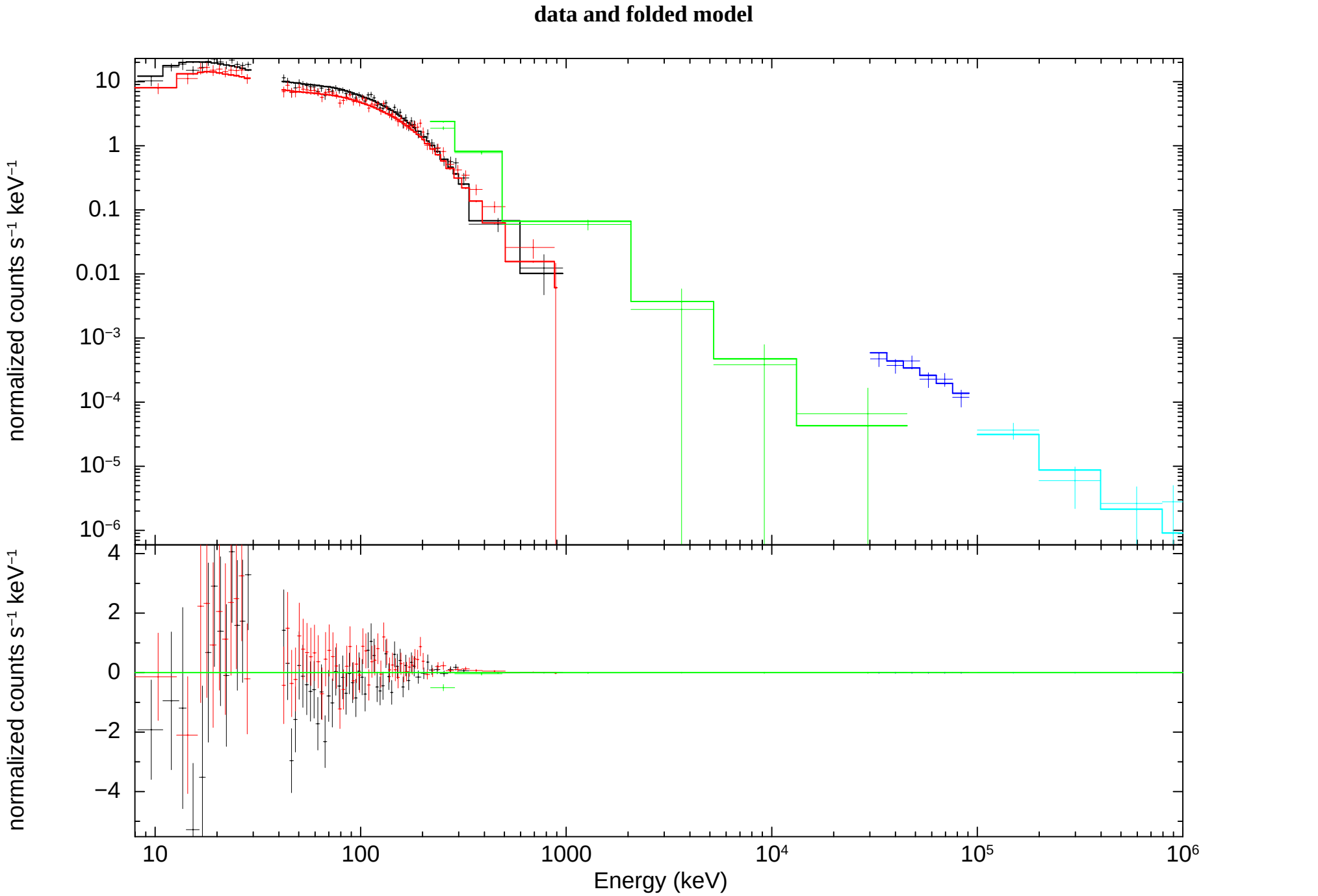

data and folded model
normalized counts s^{-1} keV^{-1}
10
1
0.1
0.01
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 20:16



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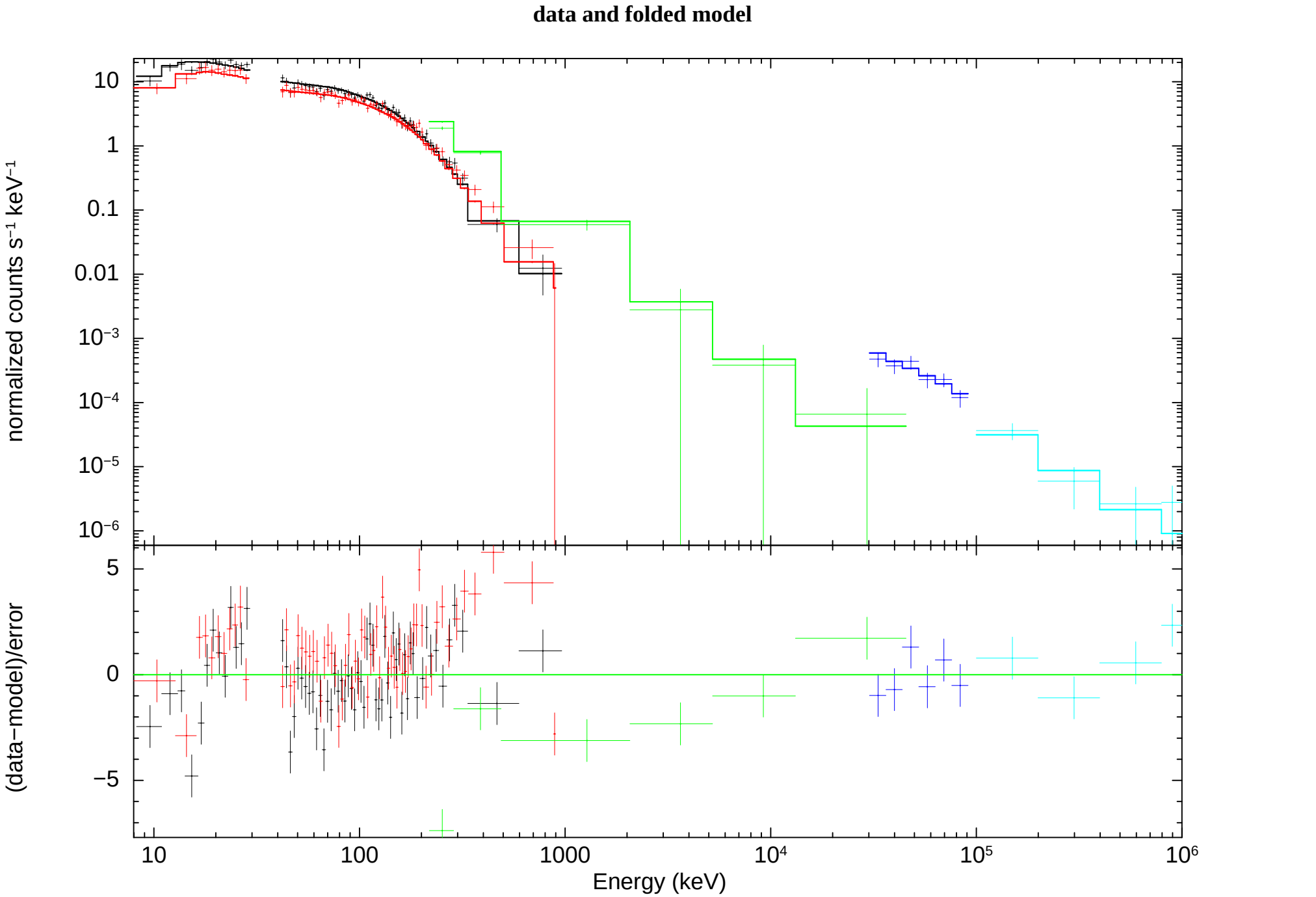
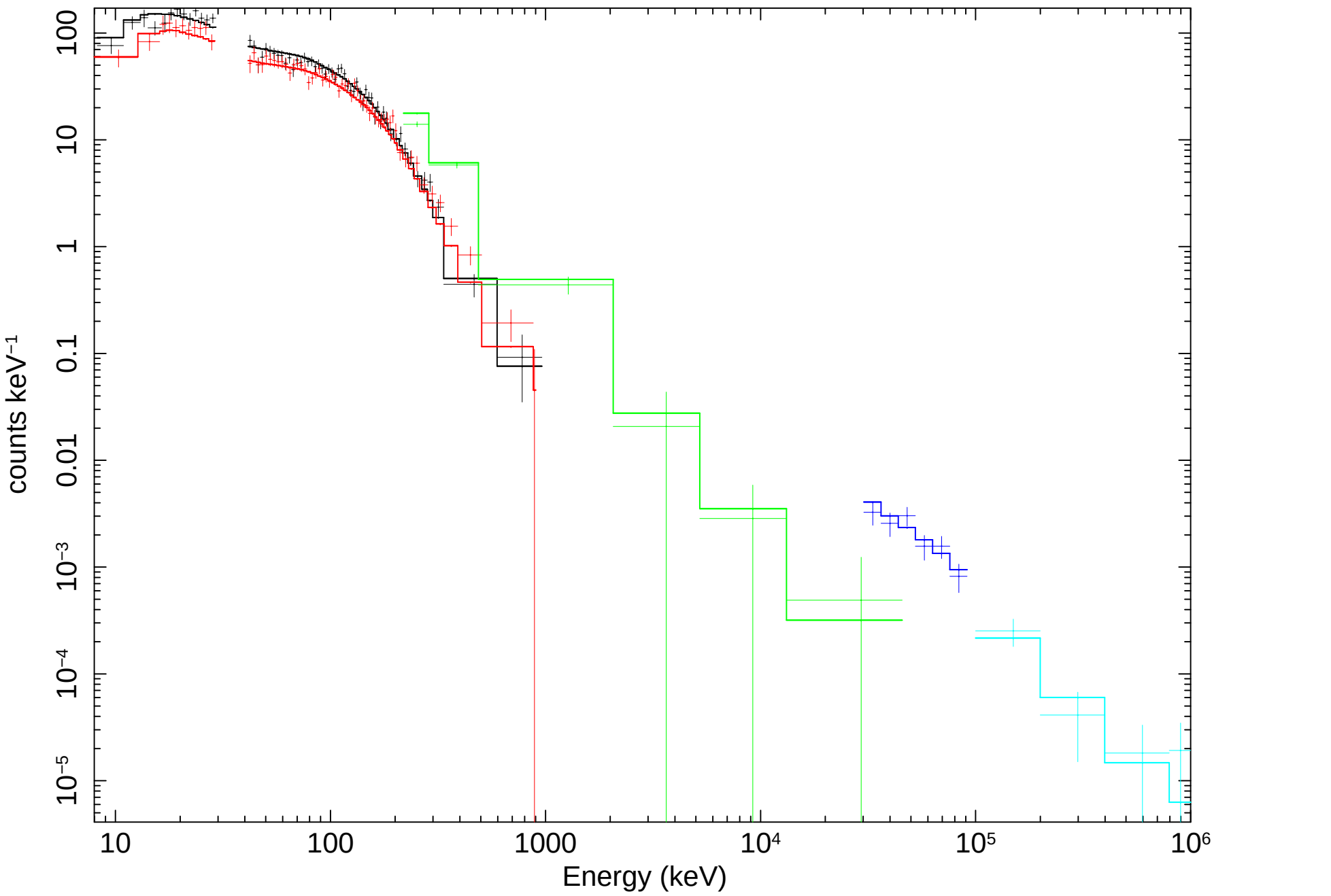
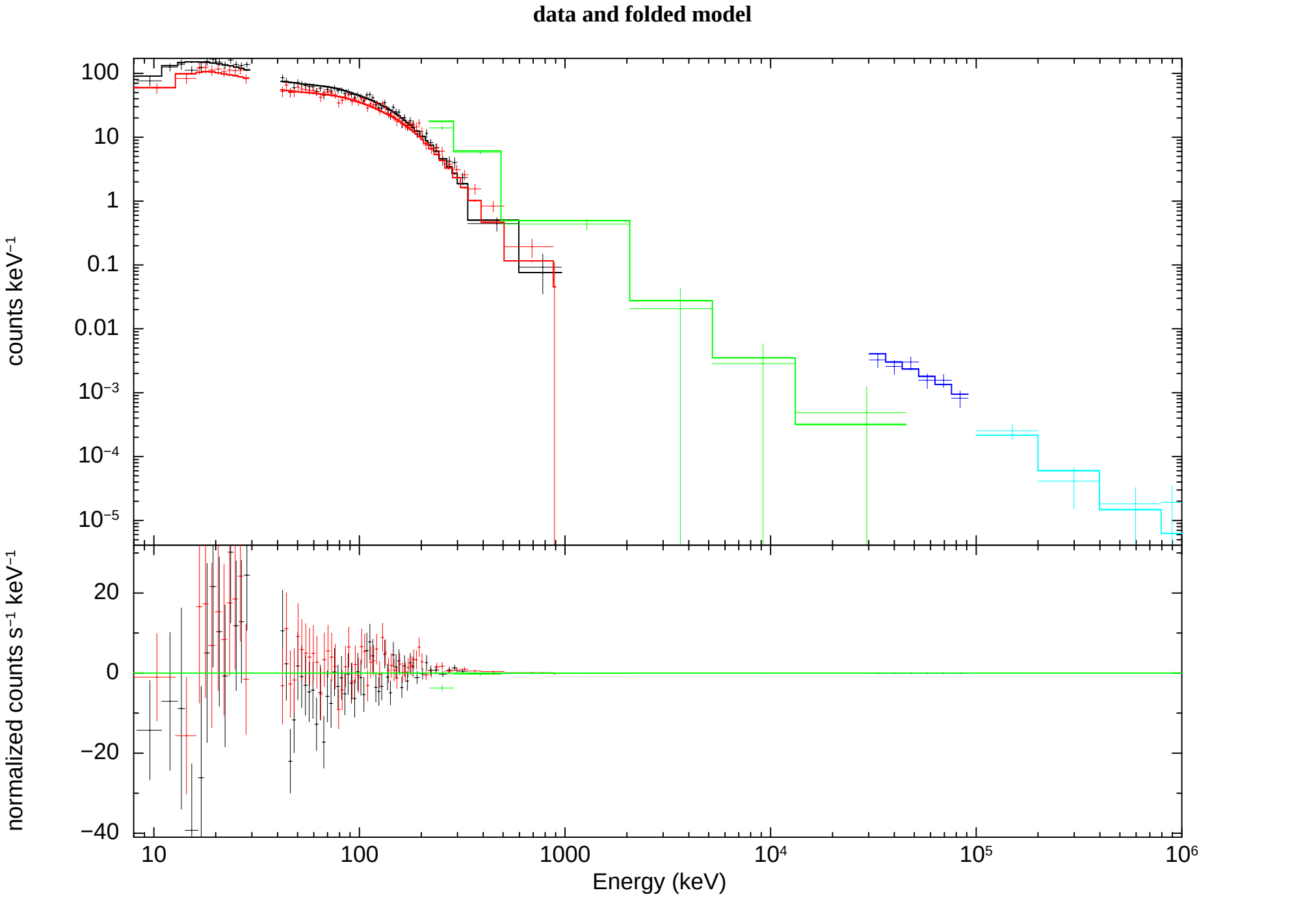
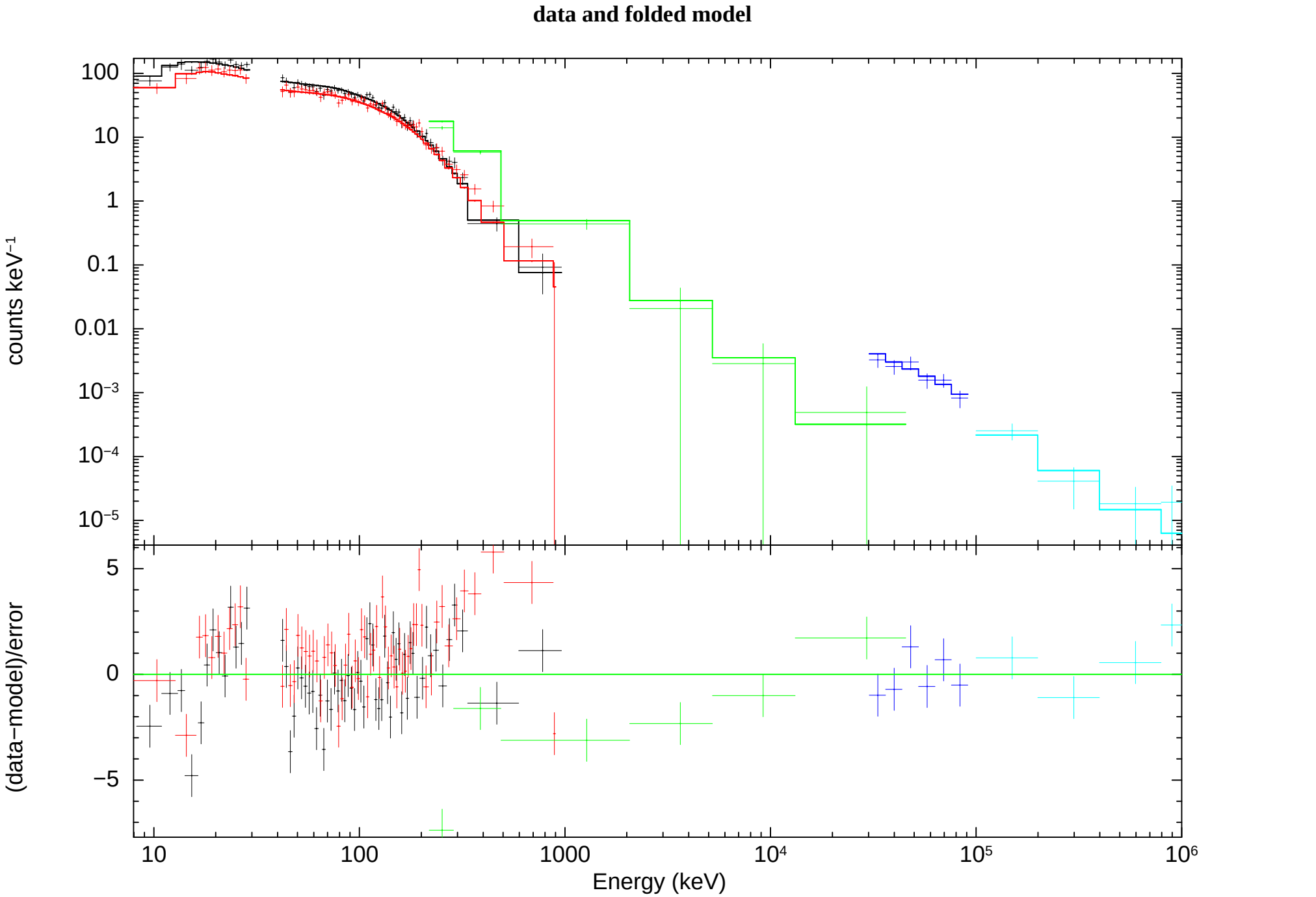
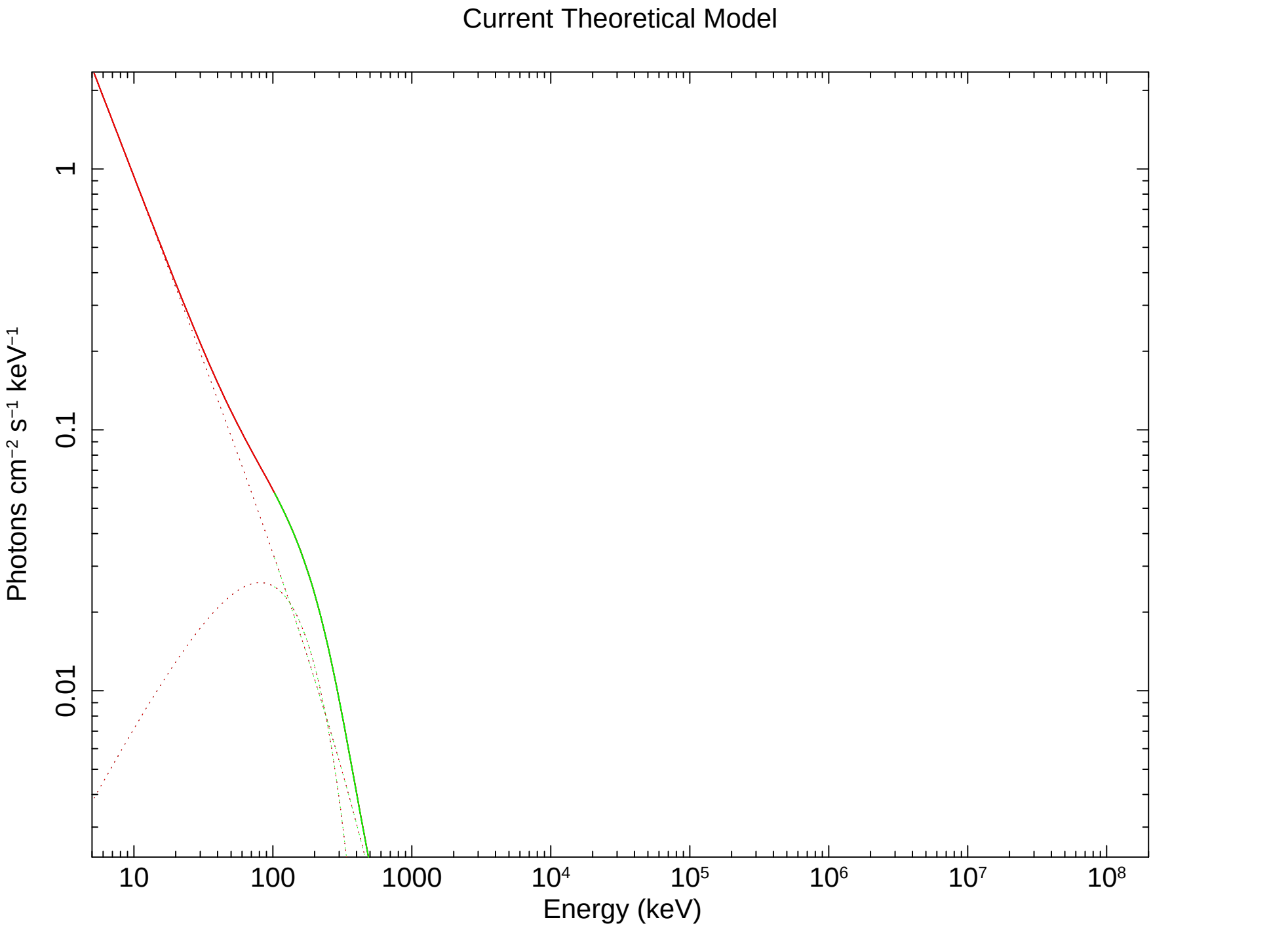
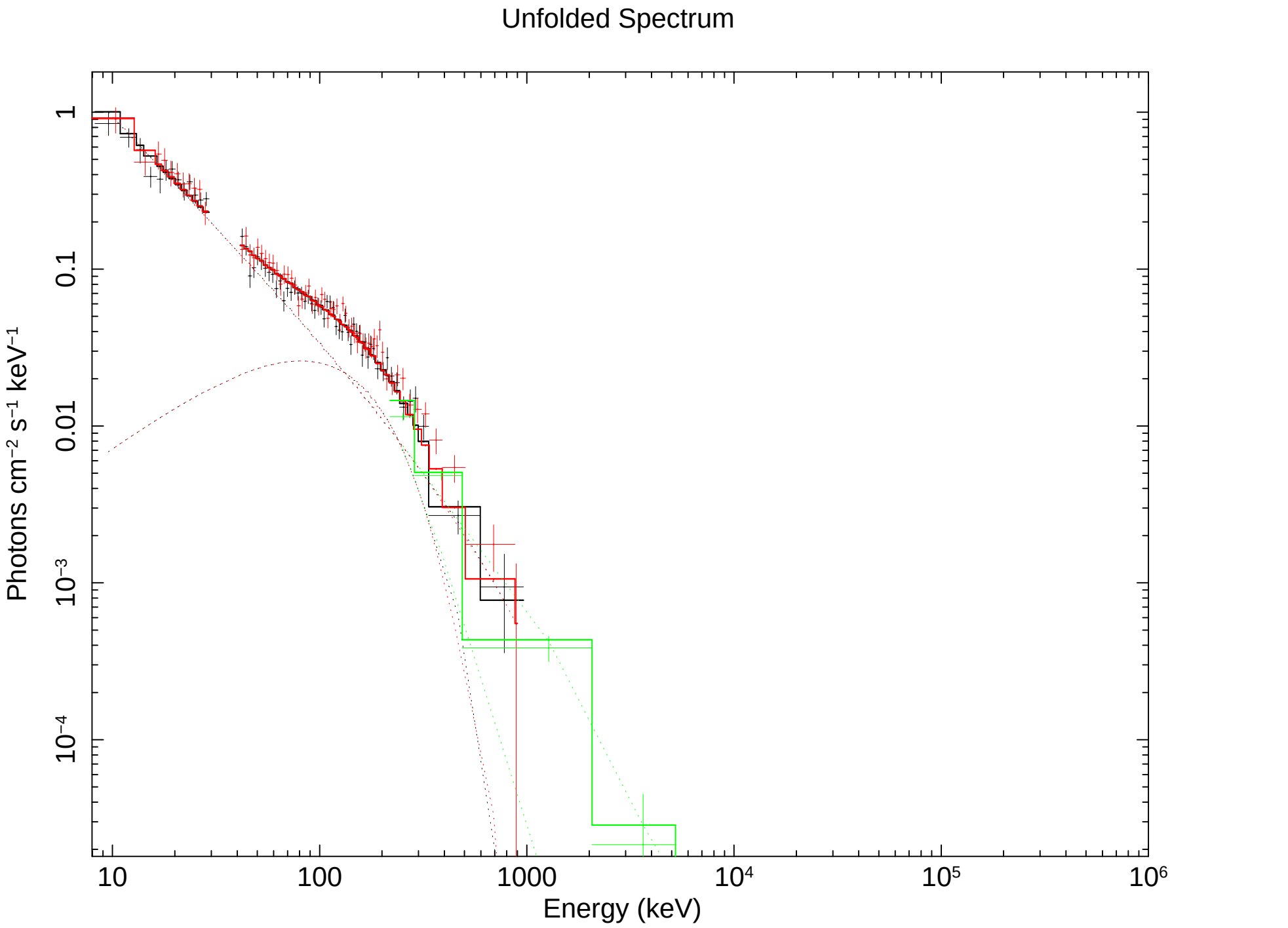

data and folded model
normalized counts s⁻¹ keV⁻¹
10
1
0.1
0.01
10⁻³
10⁻⁴
10⁻⁵
10⁻⁶
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16

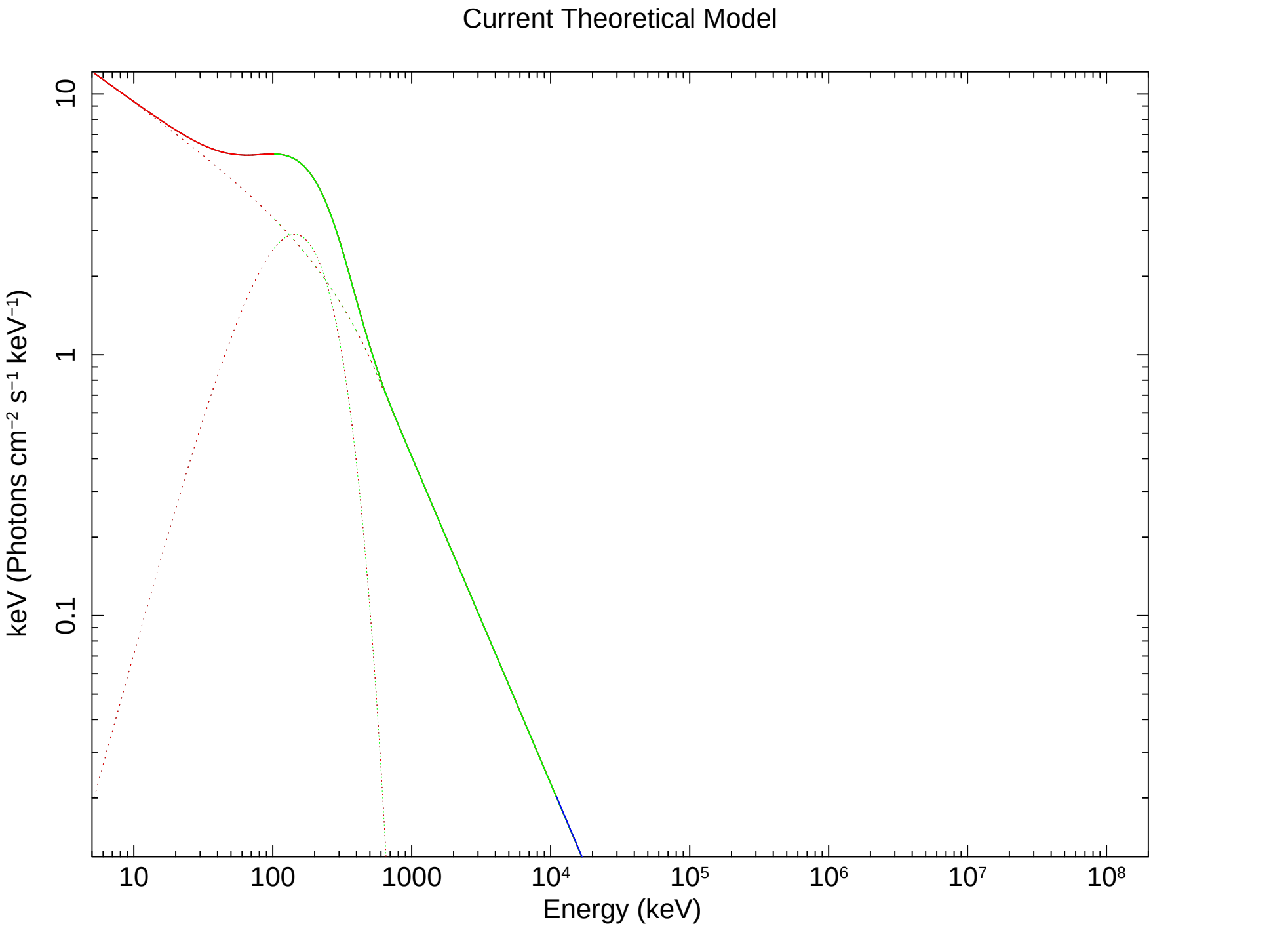

data and folded model
counts keV⁻¹
Energy (keV)
10
100
1000
10⁴
10⁵
10⁶
10⁻⁵
10⁻⁴
10⁻³
0.01
0.1
1
10
100
KimiZ 27−Mar−2017 20:16

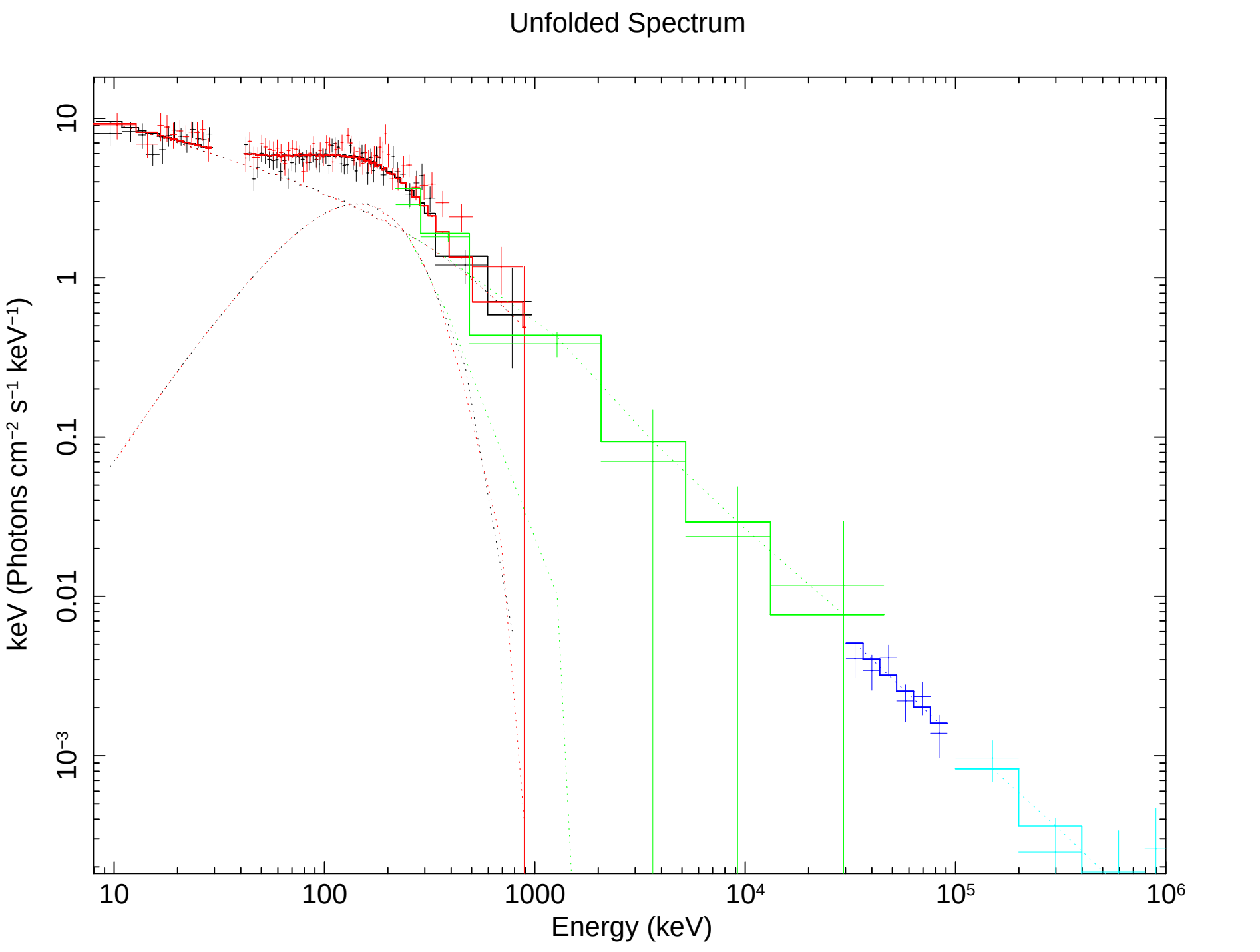

data and folded model
counts keV⁻¹
normalized counts s⁻¹ keV⁻¹
Energy (keV)
KimiZ 27−Mar−2017 20:16

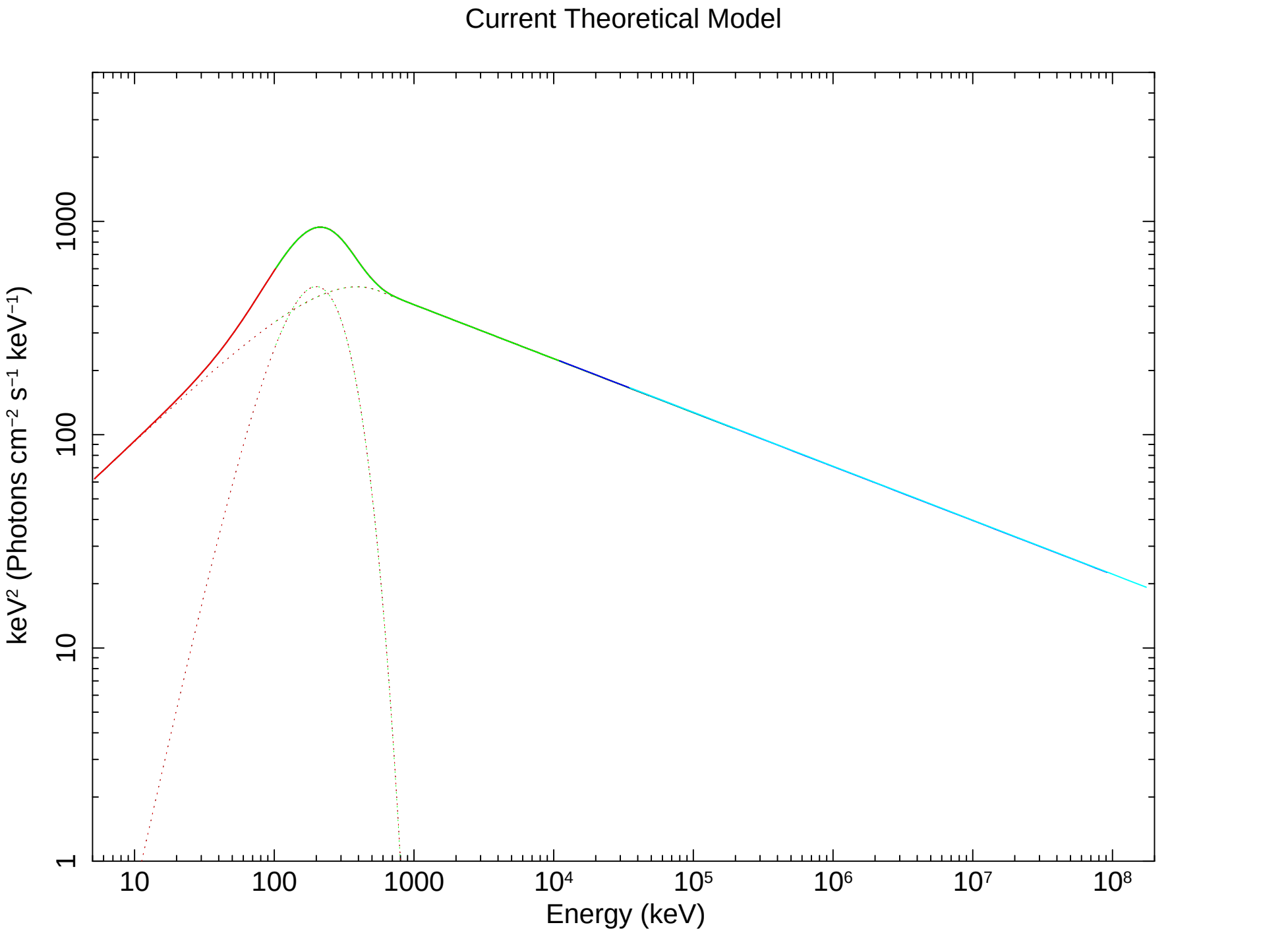

data and folded model
counts keV⁻¹
(data−model)/error
Energy (keV)
KimiZ 27−Mar−2017 20:16

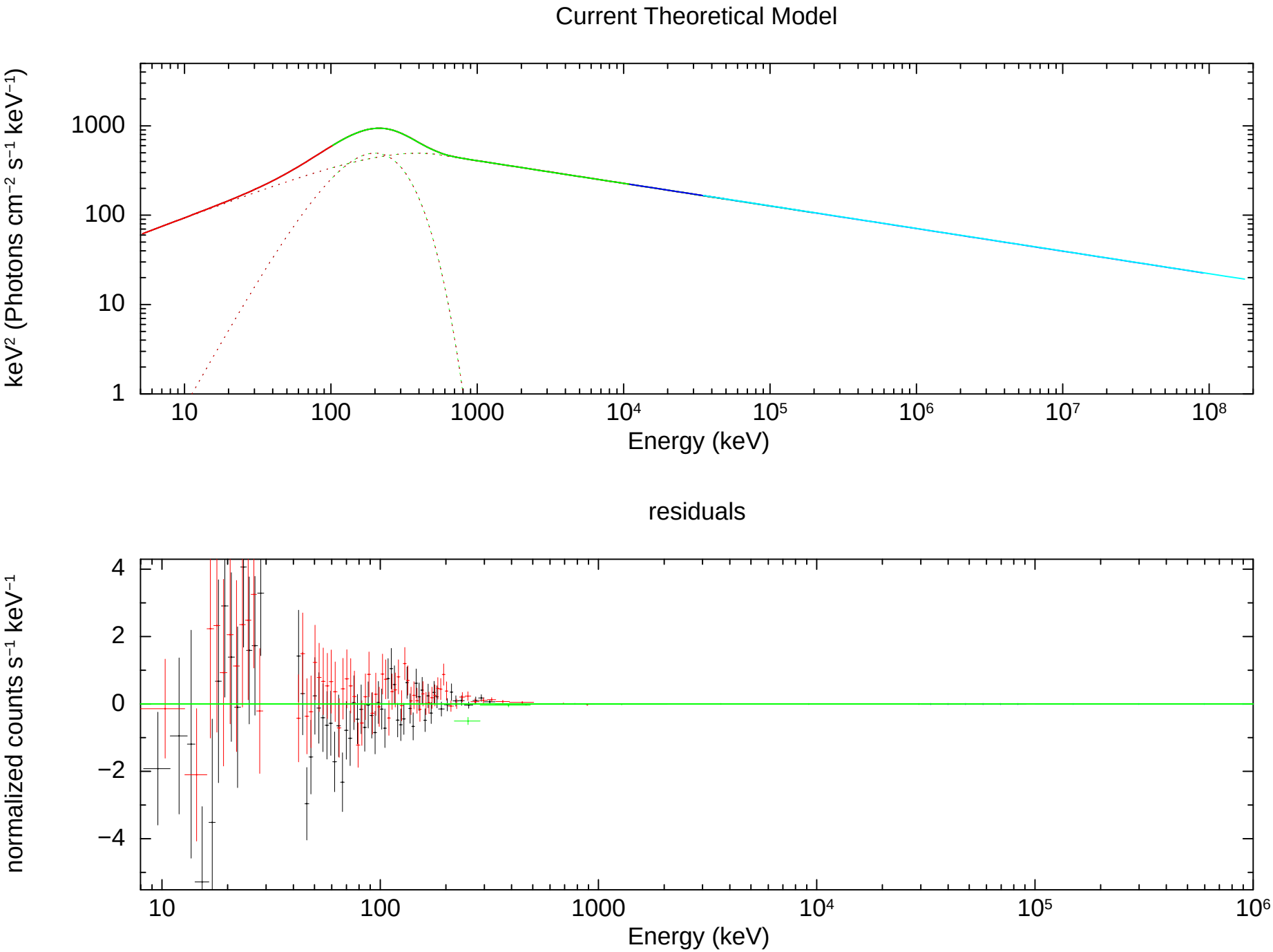

Current Theoretical Model
Photons cm^{-2} s^{-1} keV^{-1}
1
0.1
0.01
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 27−Mar−2017 20:16

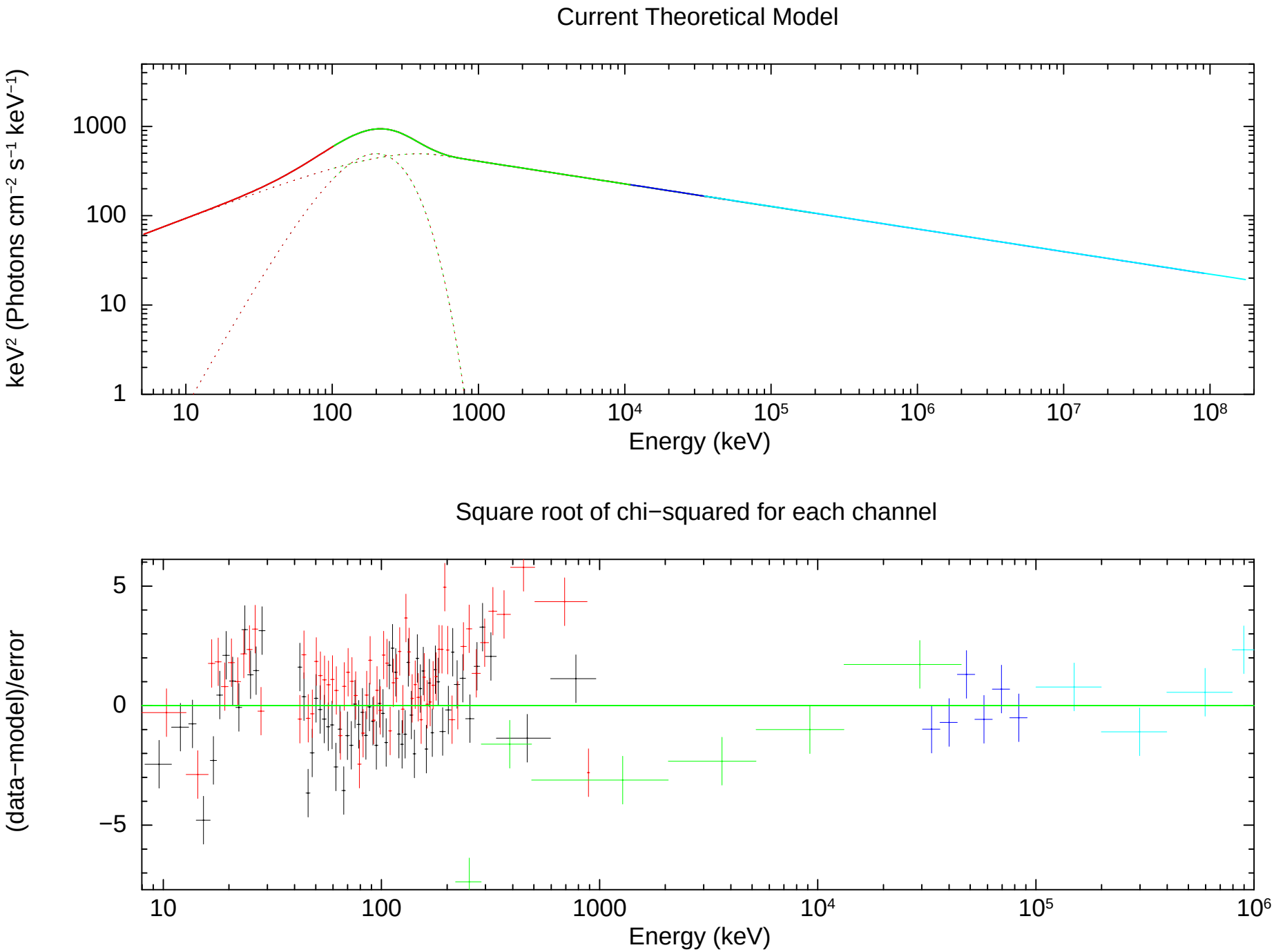

Unfolded Spectrum
Photons cm^{-2} s^{-1} keV^{-1}
1
0.1
0.01
10^{-3}
10^{-4}
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 20:16

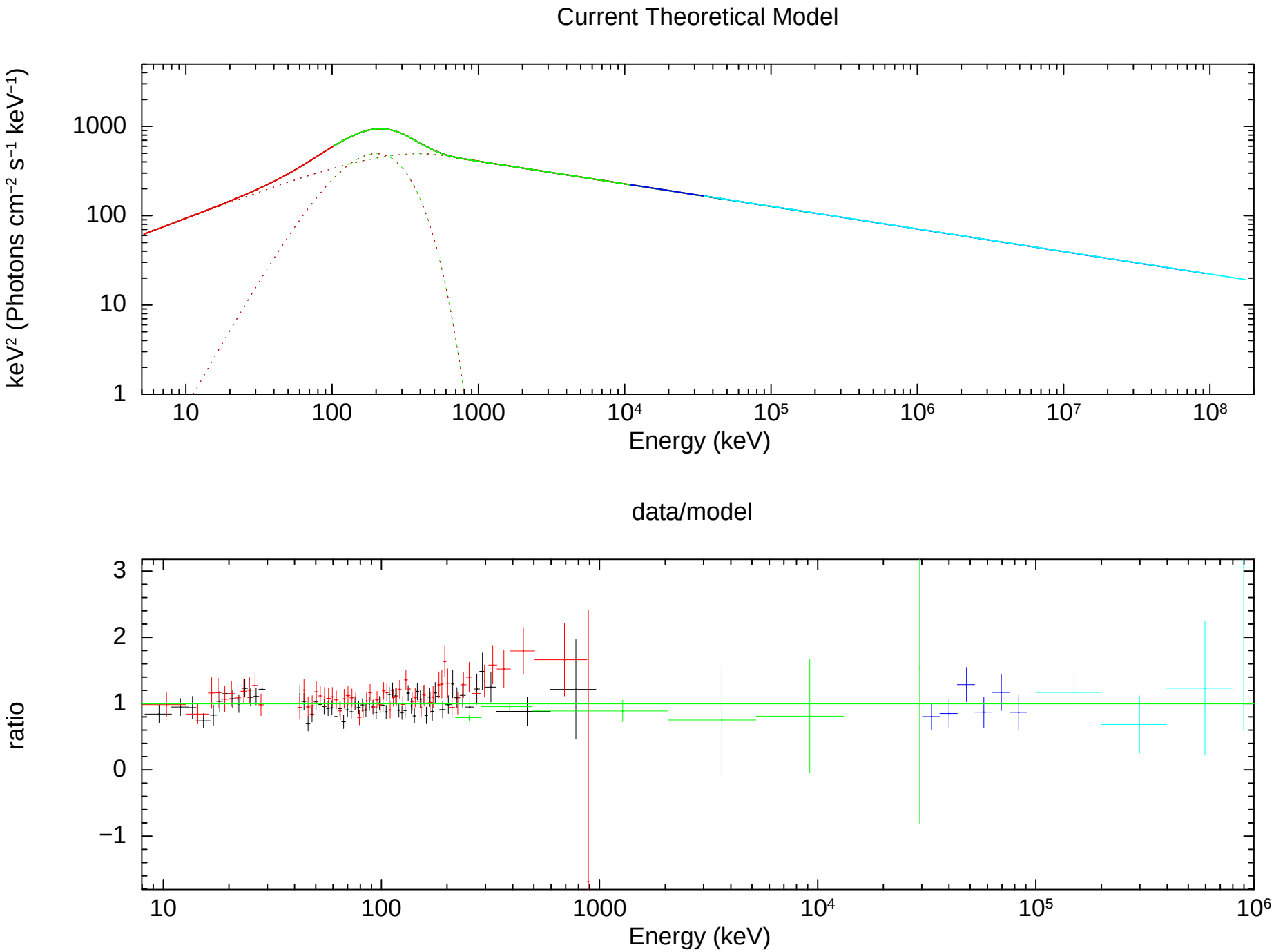

Current Theoretical Model
keV (Photons cm^{-2} s^{-1} keV^{-1})
10
1
0.1
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 27−Mar−2017 20:16

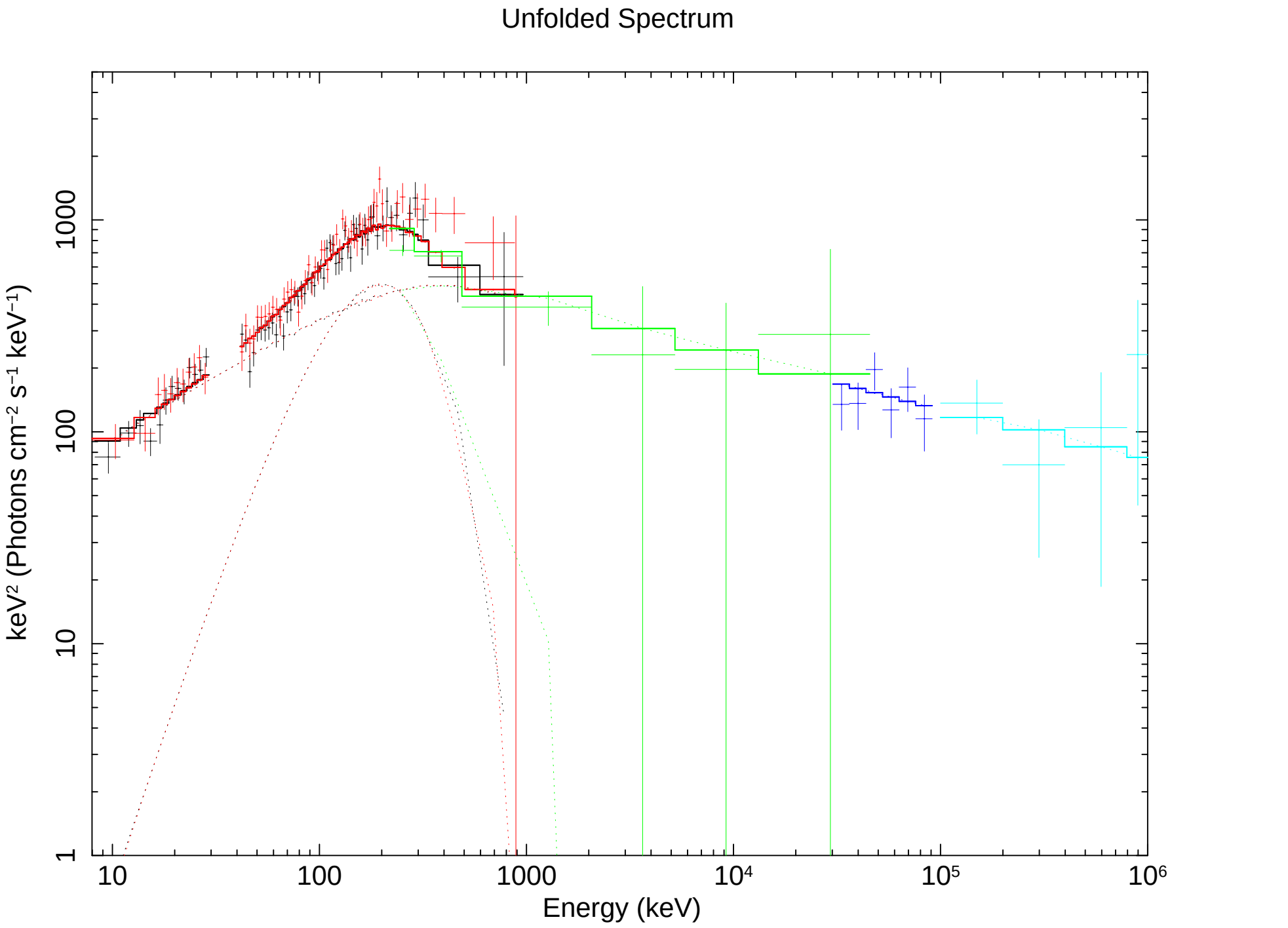

Unfolded Spectrum
keV (Photons cm^{-2} s^{-1} keV^{-1})
10
1
0.1
0.01
10^{-3}
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 20:16

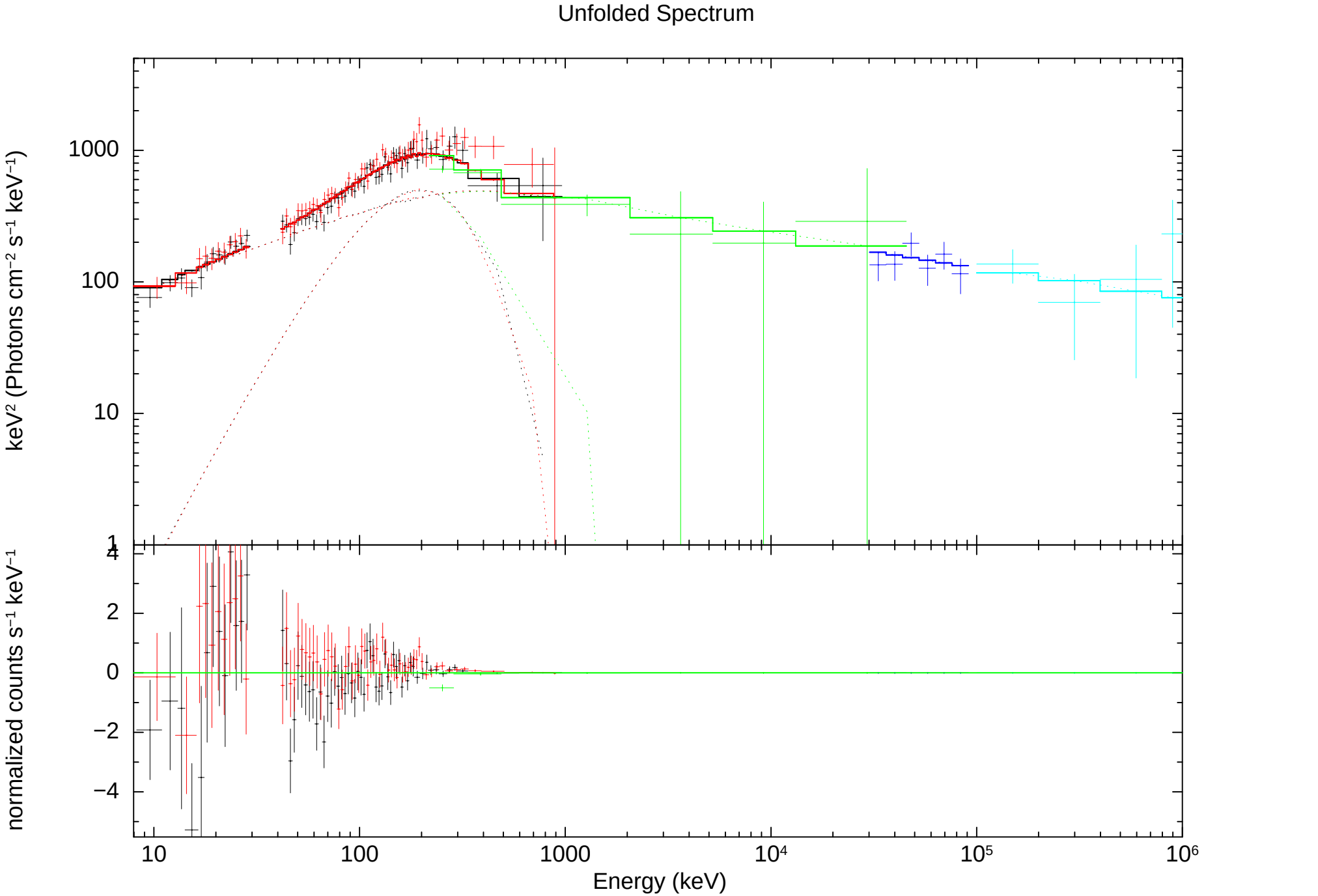

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
KimiZ 27−Mar−2017 20:16

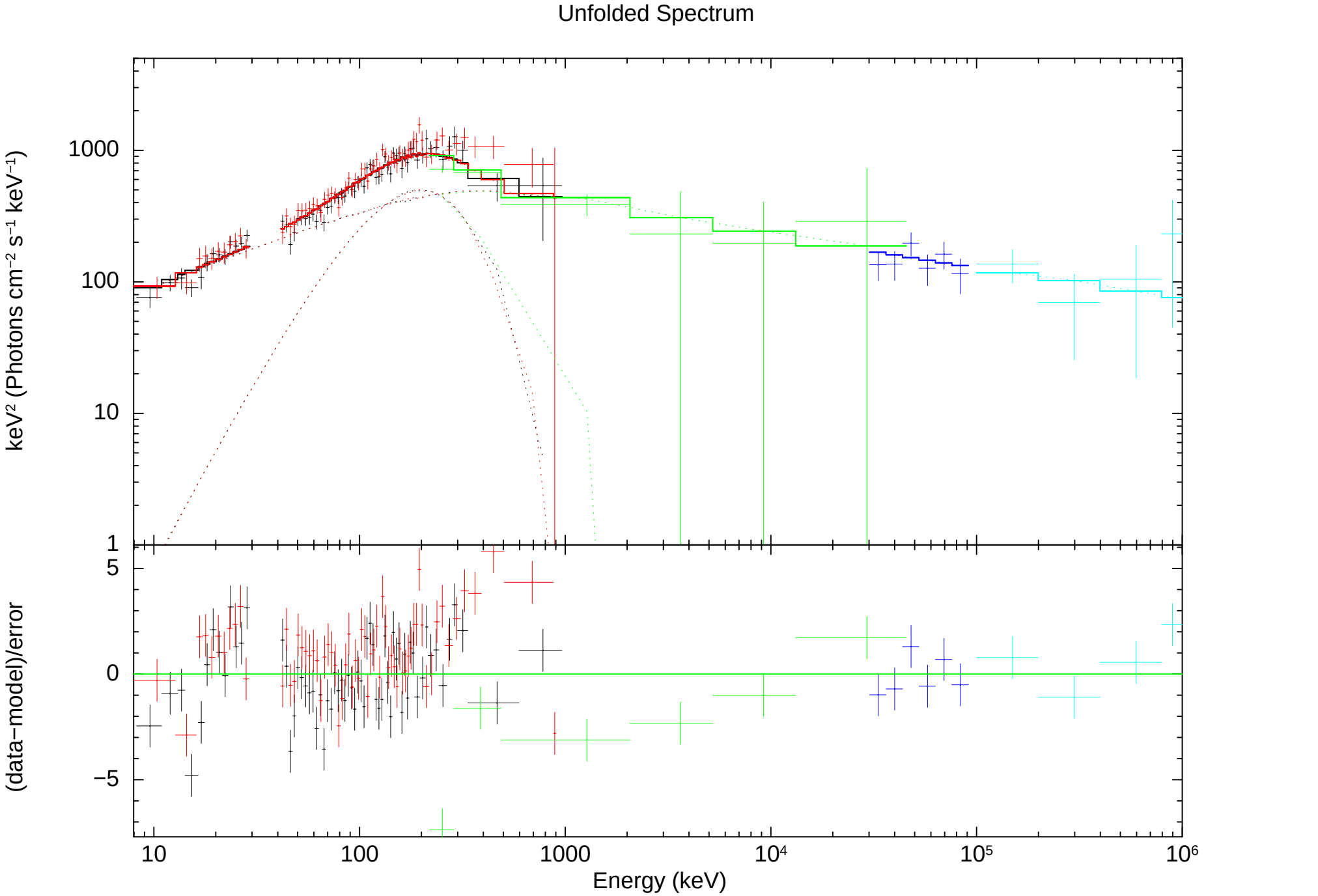

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
residuals
normalized counts s⁻¹ keV⁻¹
4
2
0
−2
−4
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16

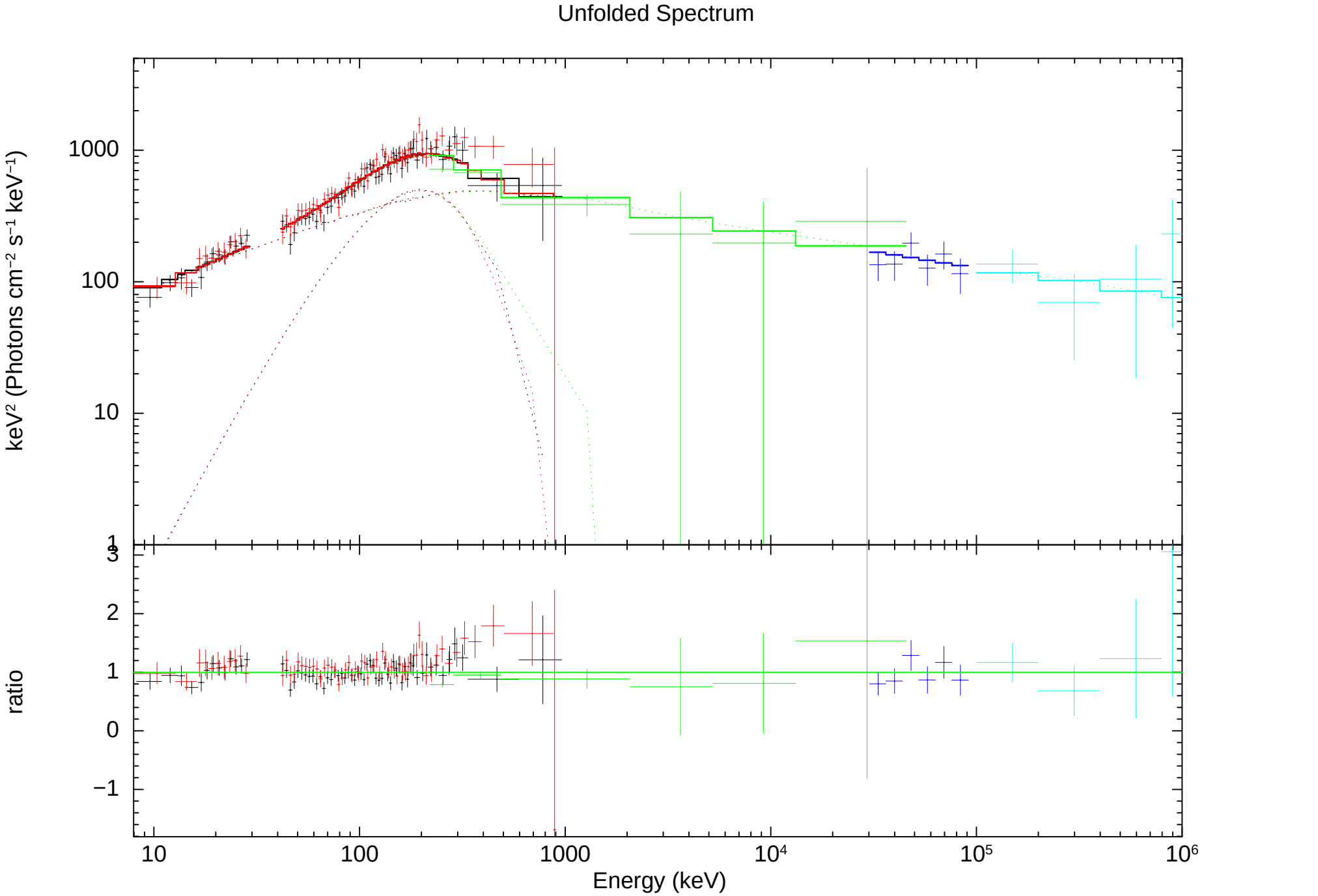

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
Square root of chi−squared for each channel
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16

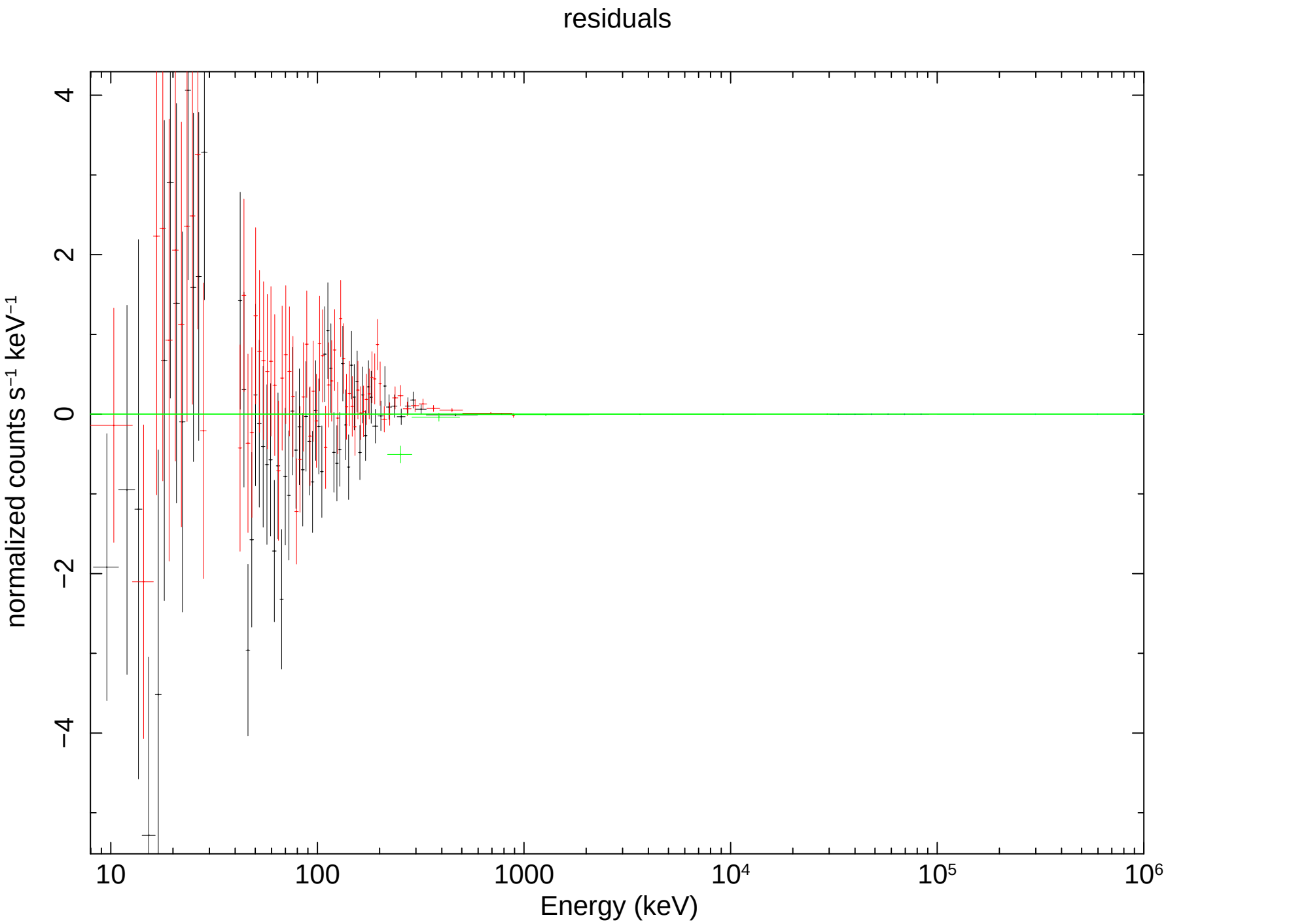

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
data/model
ratio
3
2
1
0
−1
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16

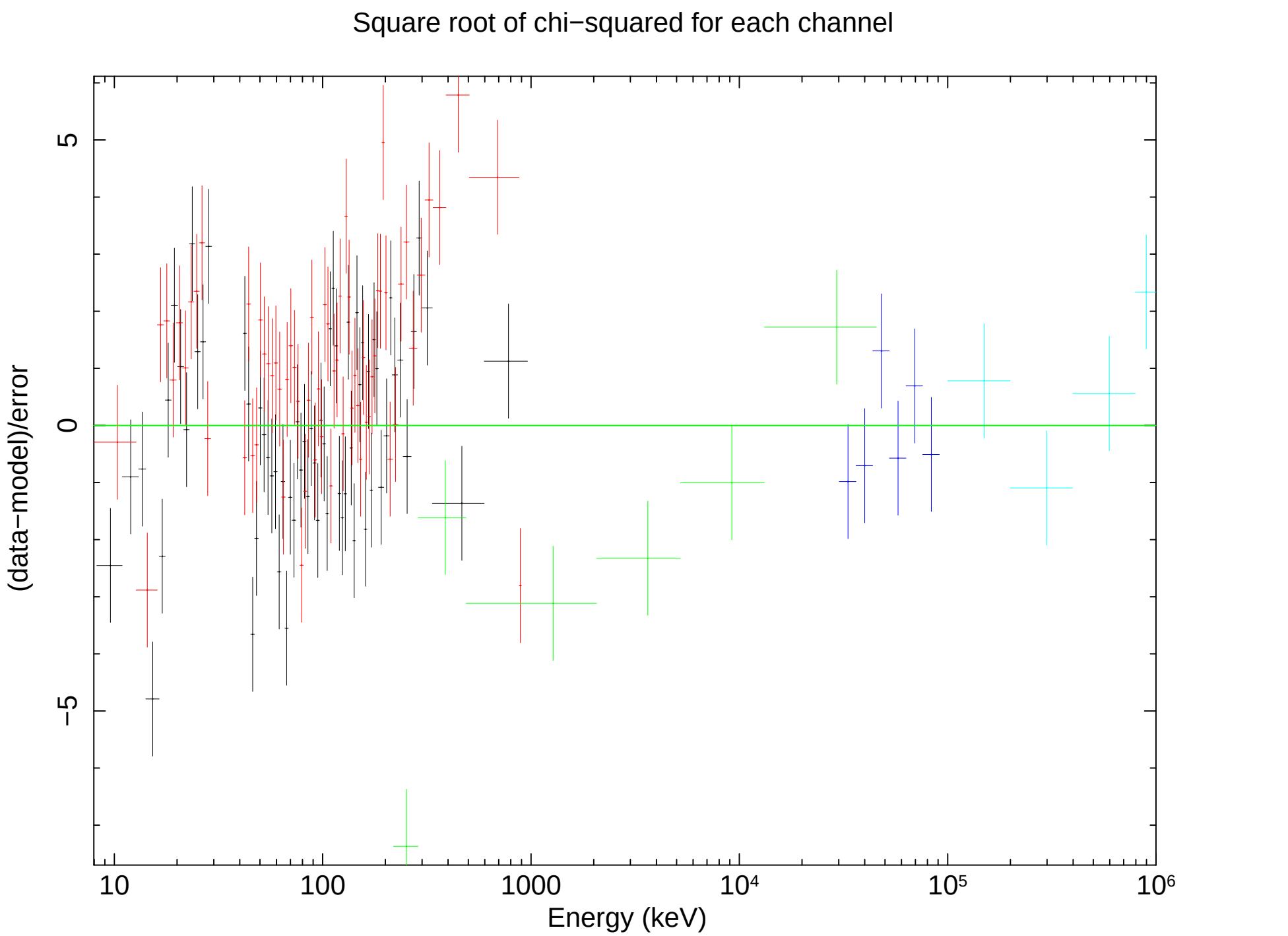

Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16

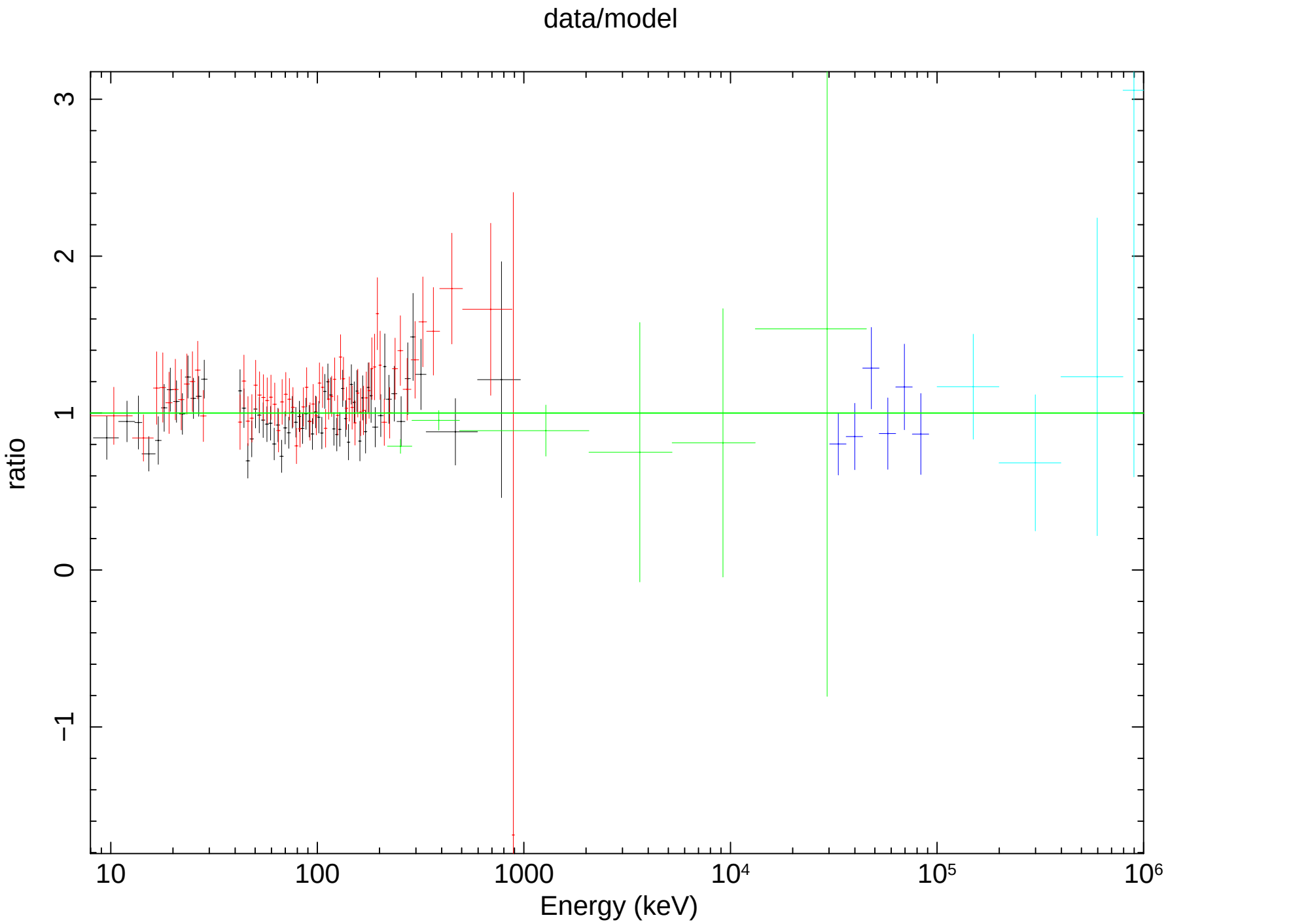

Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
normalized counts s⁻¹ keV⁻¹
4
2
0
−2
−4
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16


Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16


Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
ratio
3
2
1
0
−1
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16


residuals
normalized counts s^{-1} keV^{-1}
4
2
0
−2
−4
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 20:16


Square root of chi−squared for each channel
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16


data/model
ratio
3
2
1
0
−1
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 20:16