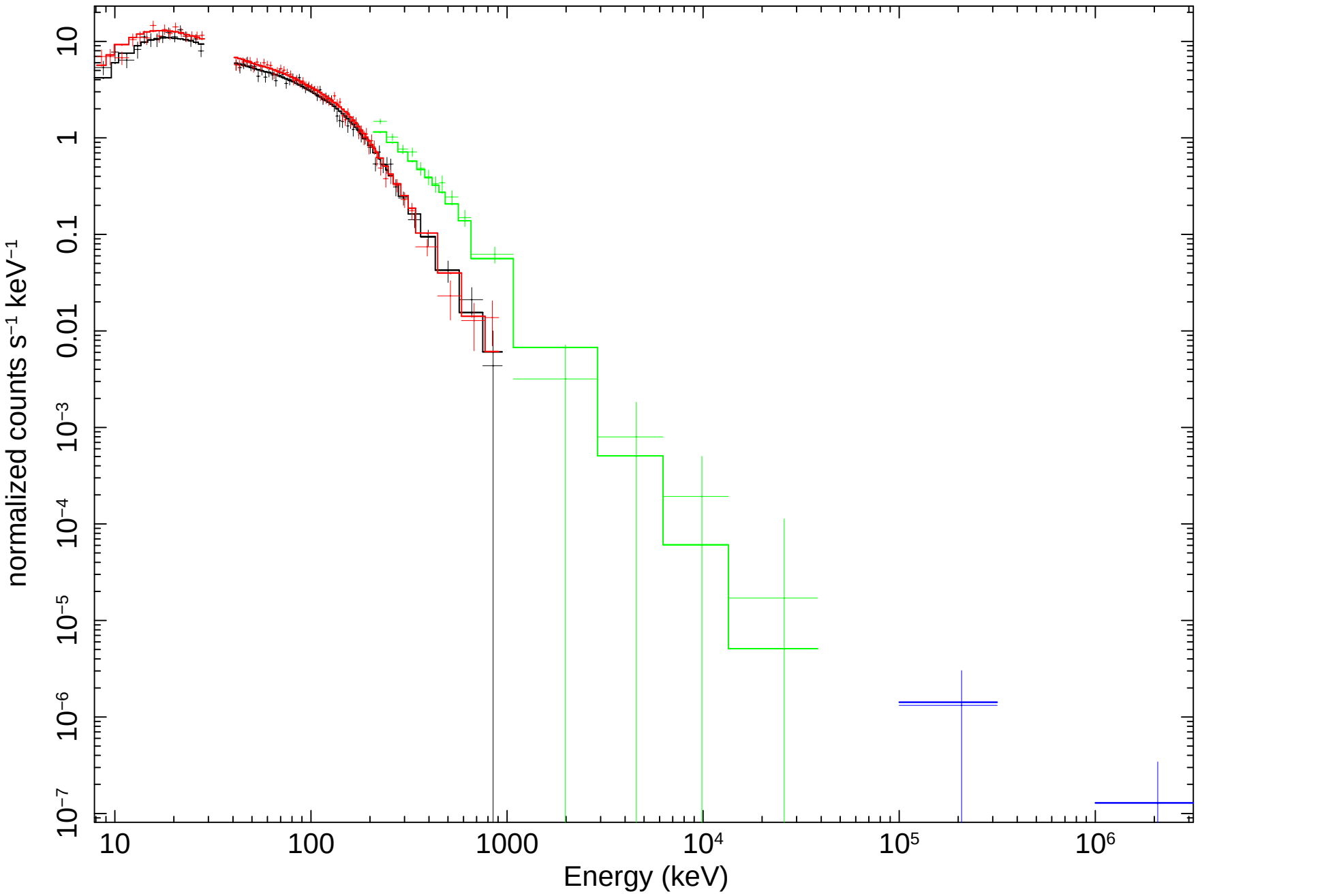
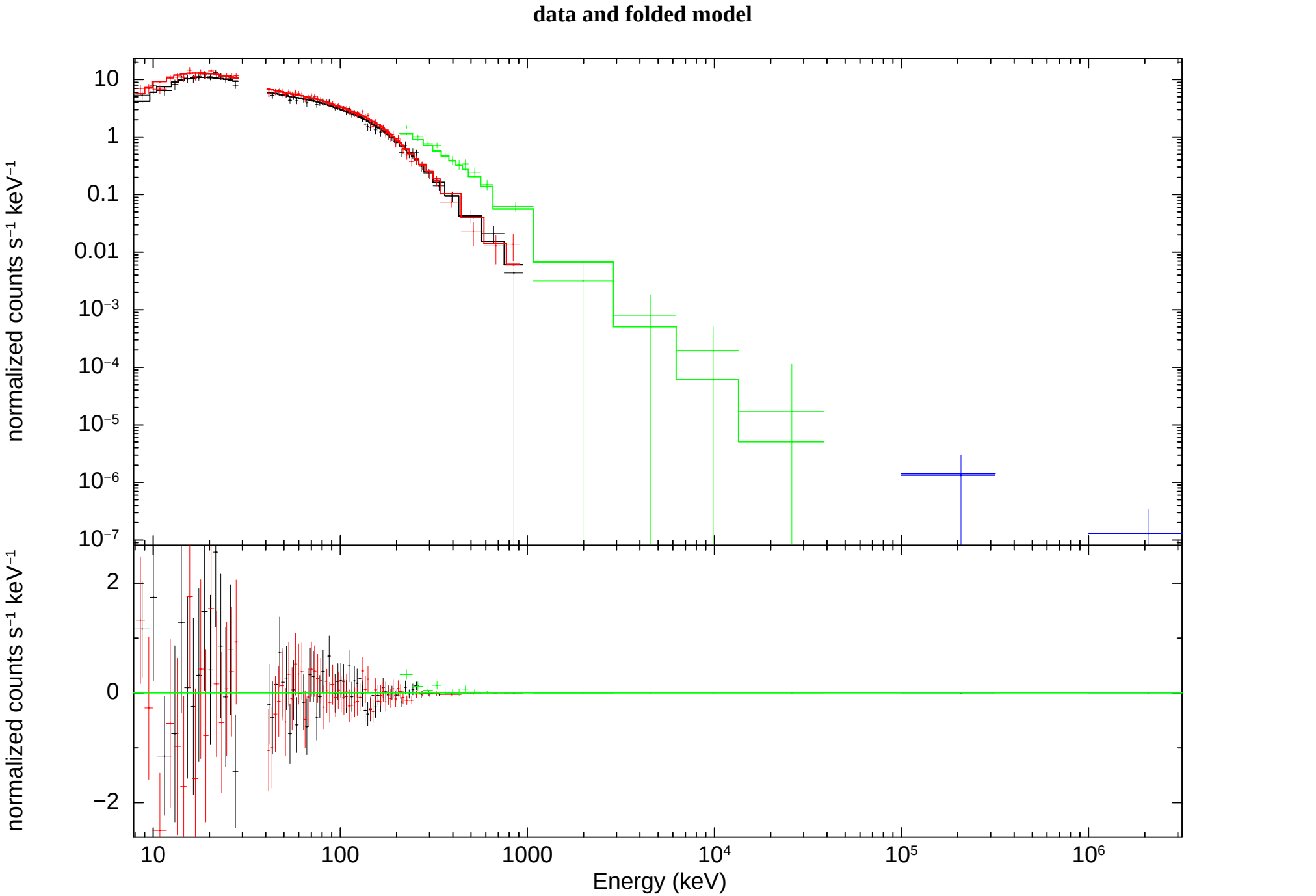

data and folded model
normalized counts s^{-1} keV^{-1}
10
1
0.1
0.01
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 12:58



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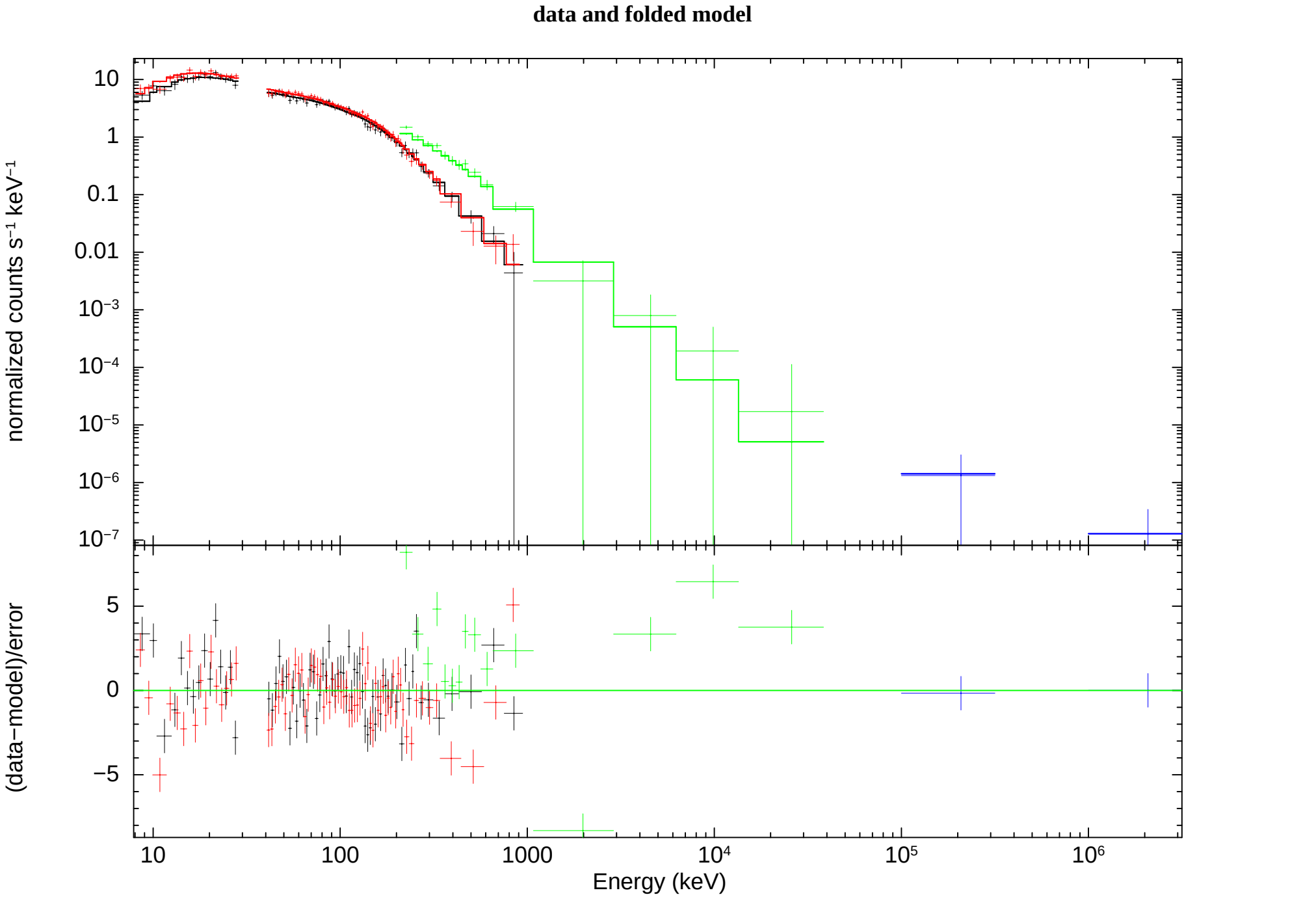
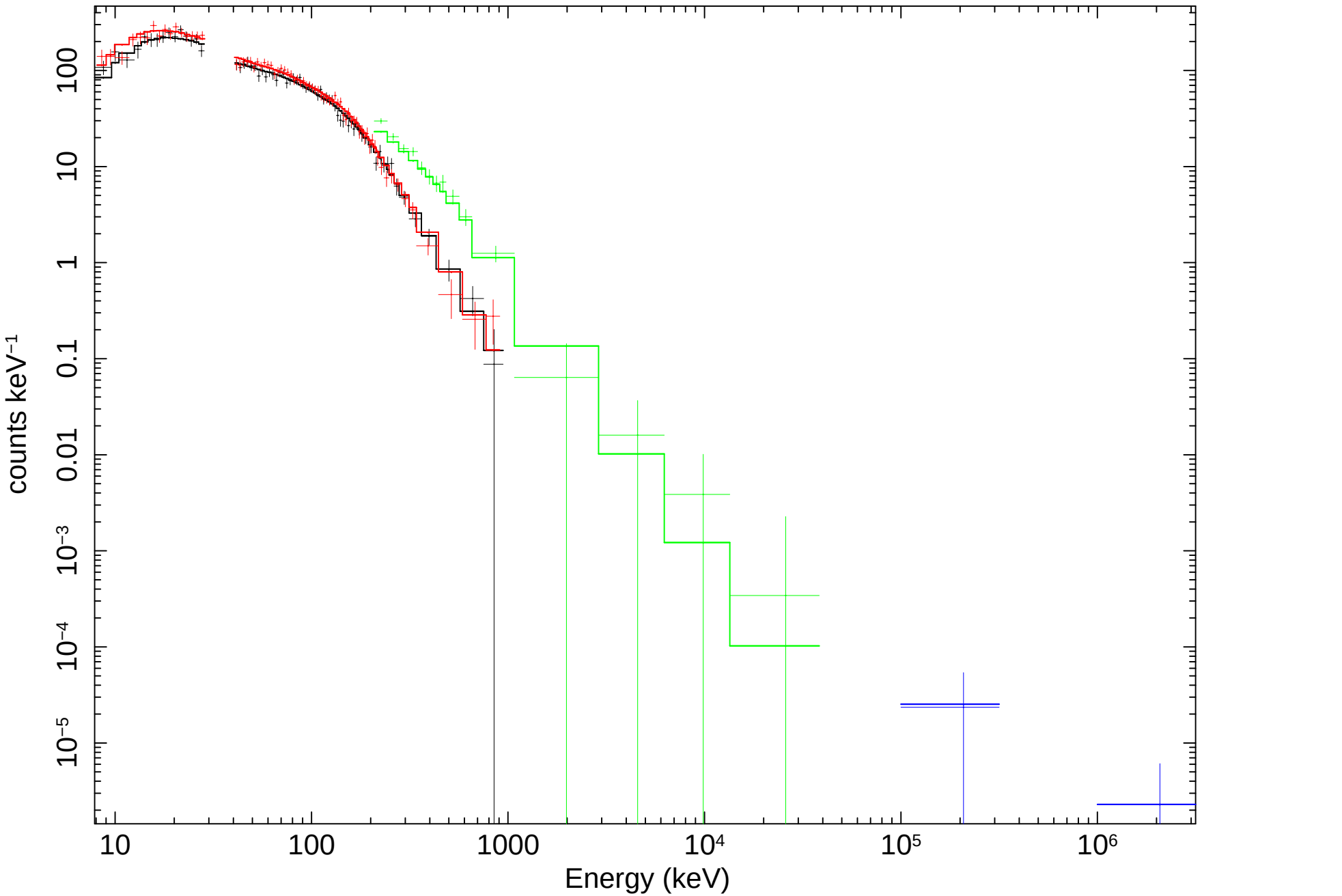
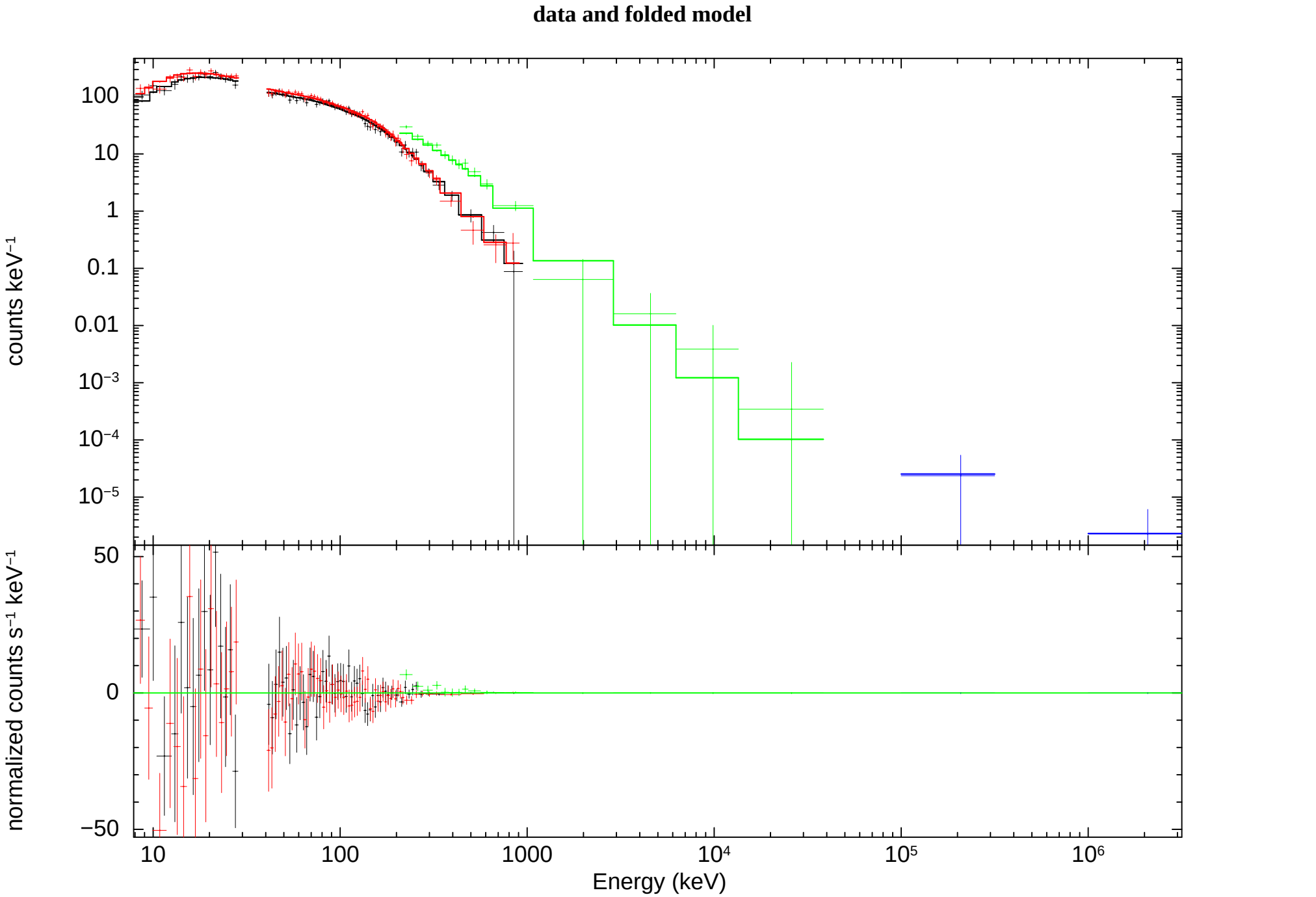

data and folded model
normalized counts s⁻¹ keV⁻¹
10
1
0.1
0.01
10⁻³
10⁻⁴
10⁻⁵
10⁻⁶
10⁻⁷
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58


data and folded model
counts keV⁻¹
10⁻⁵
10⁻⁴
10⁻³
0.01
0.1
1
10
100
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58



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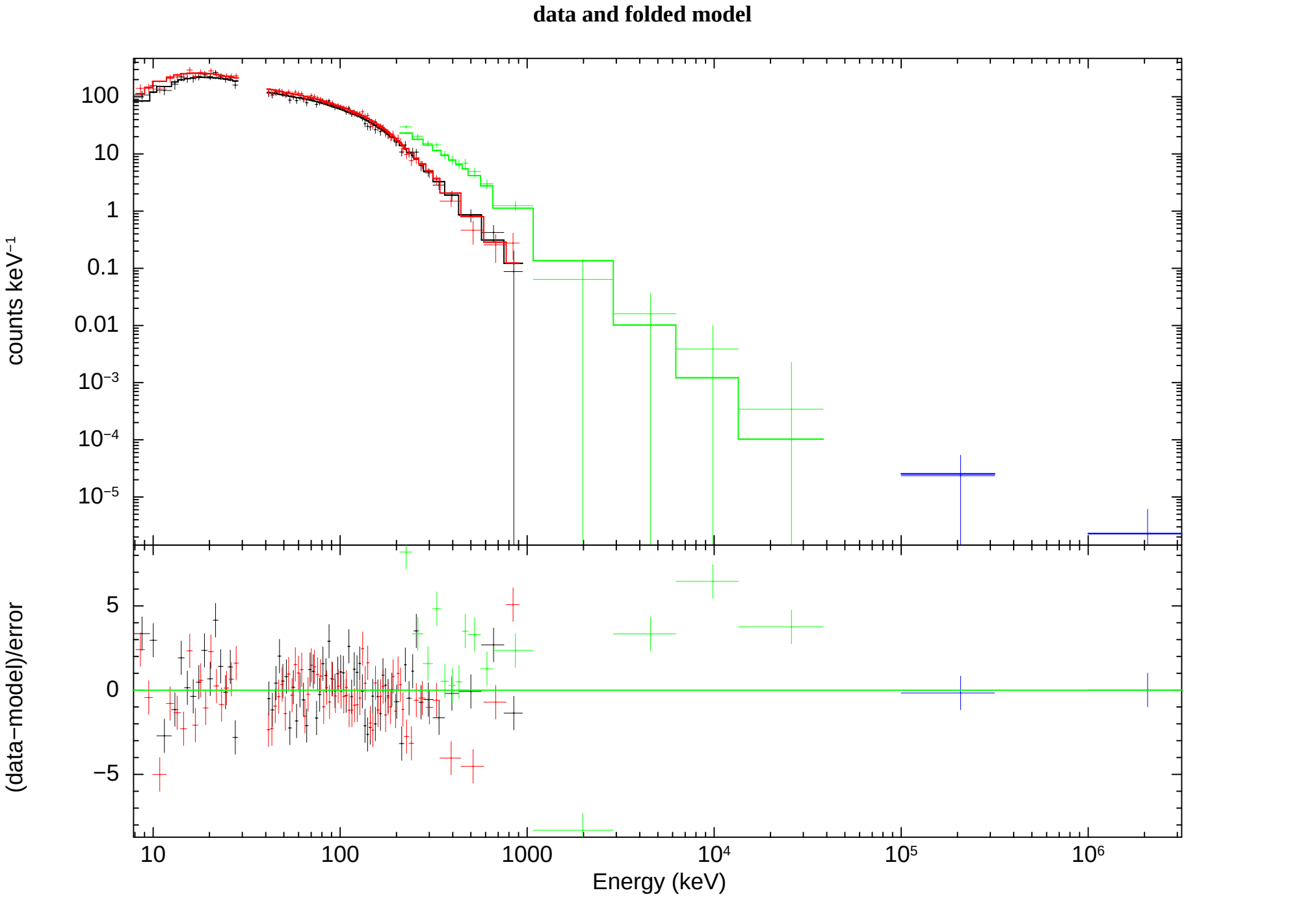
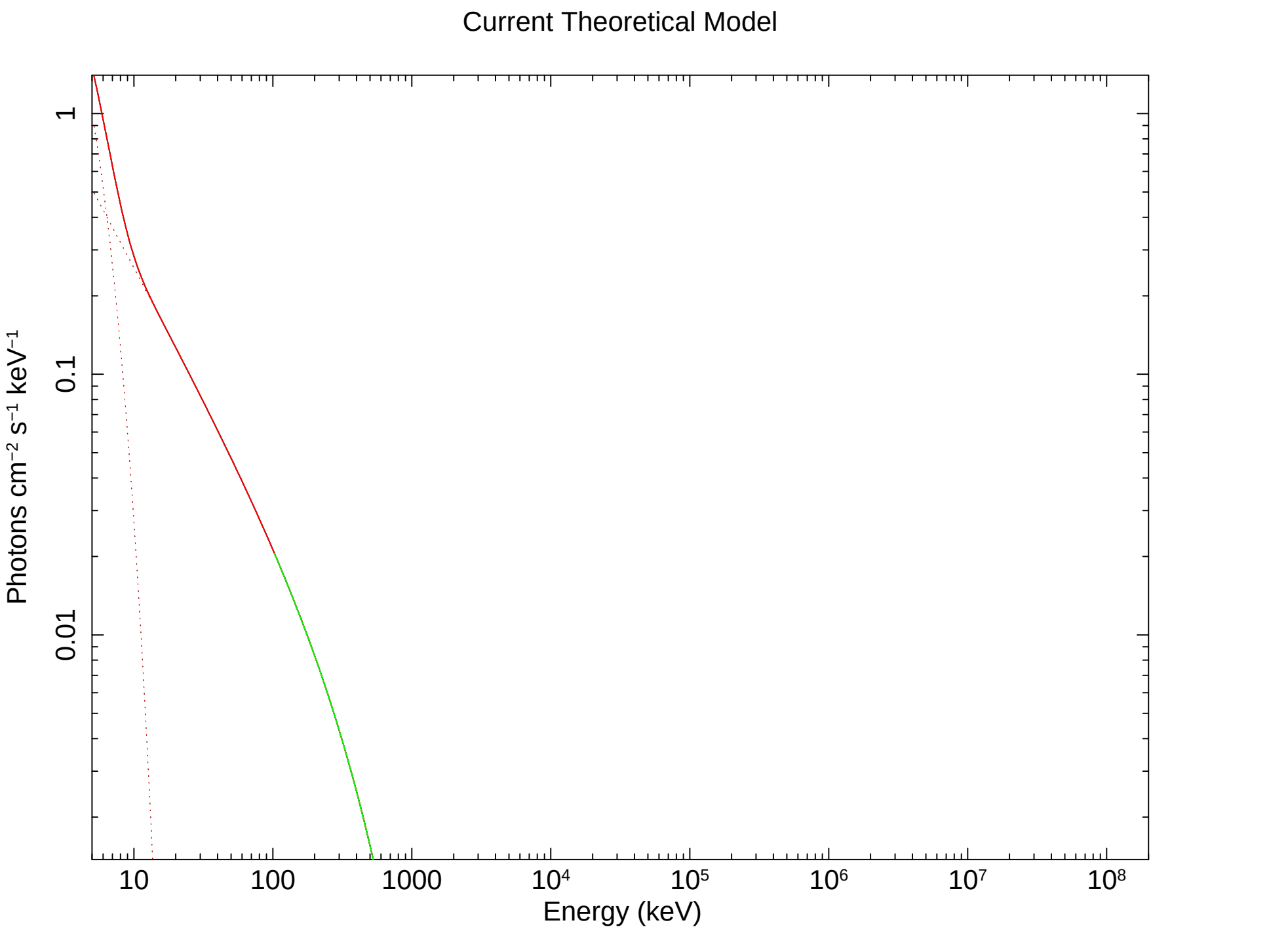
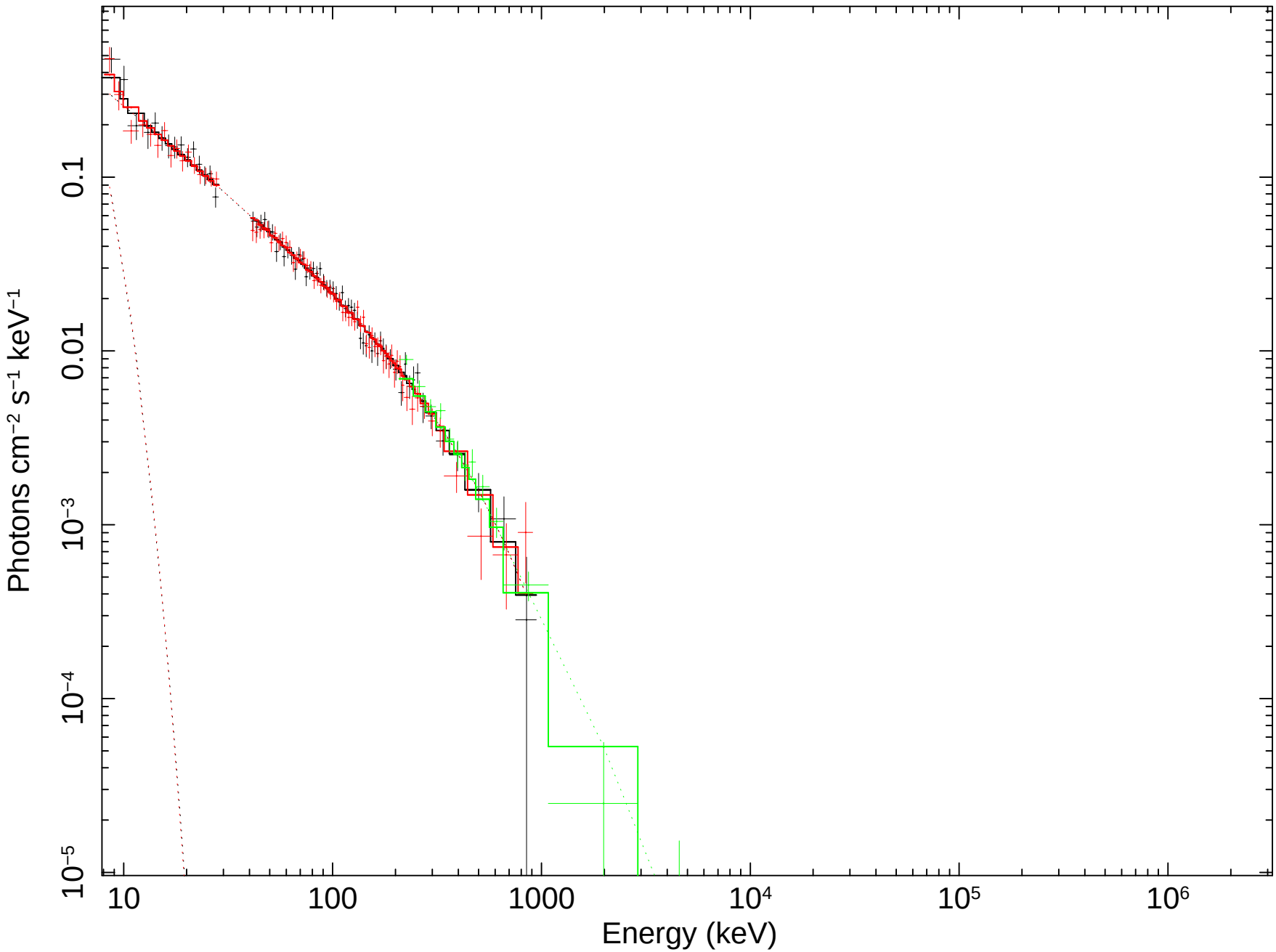
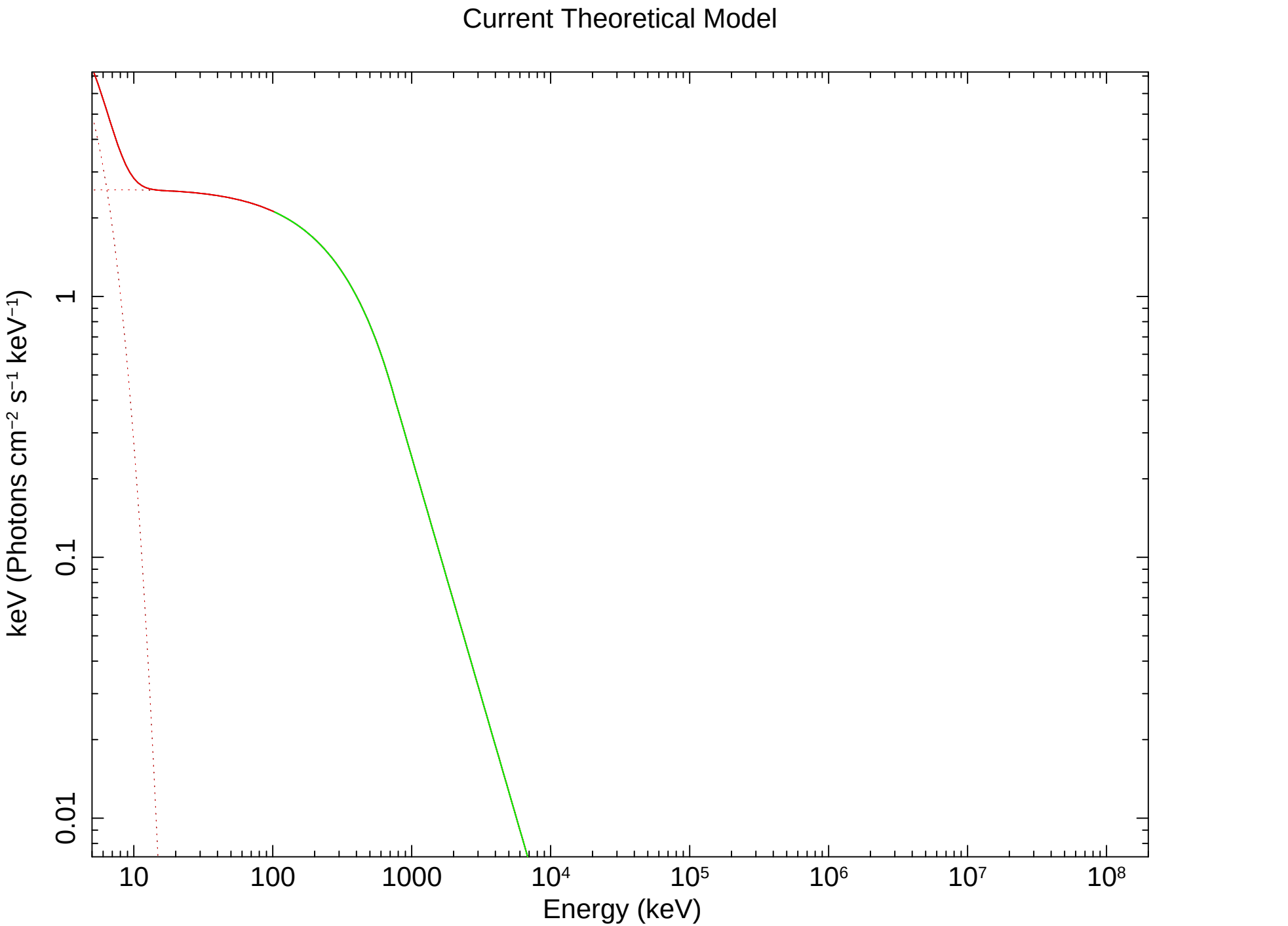
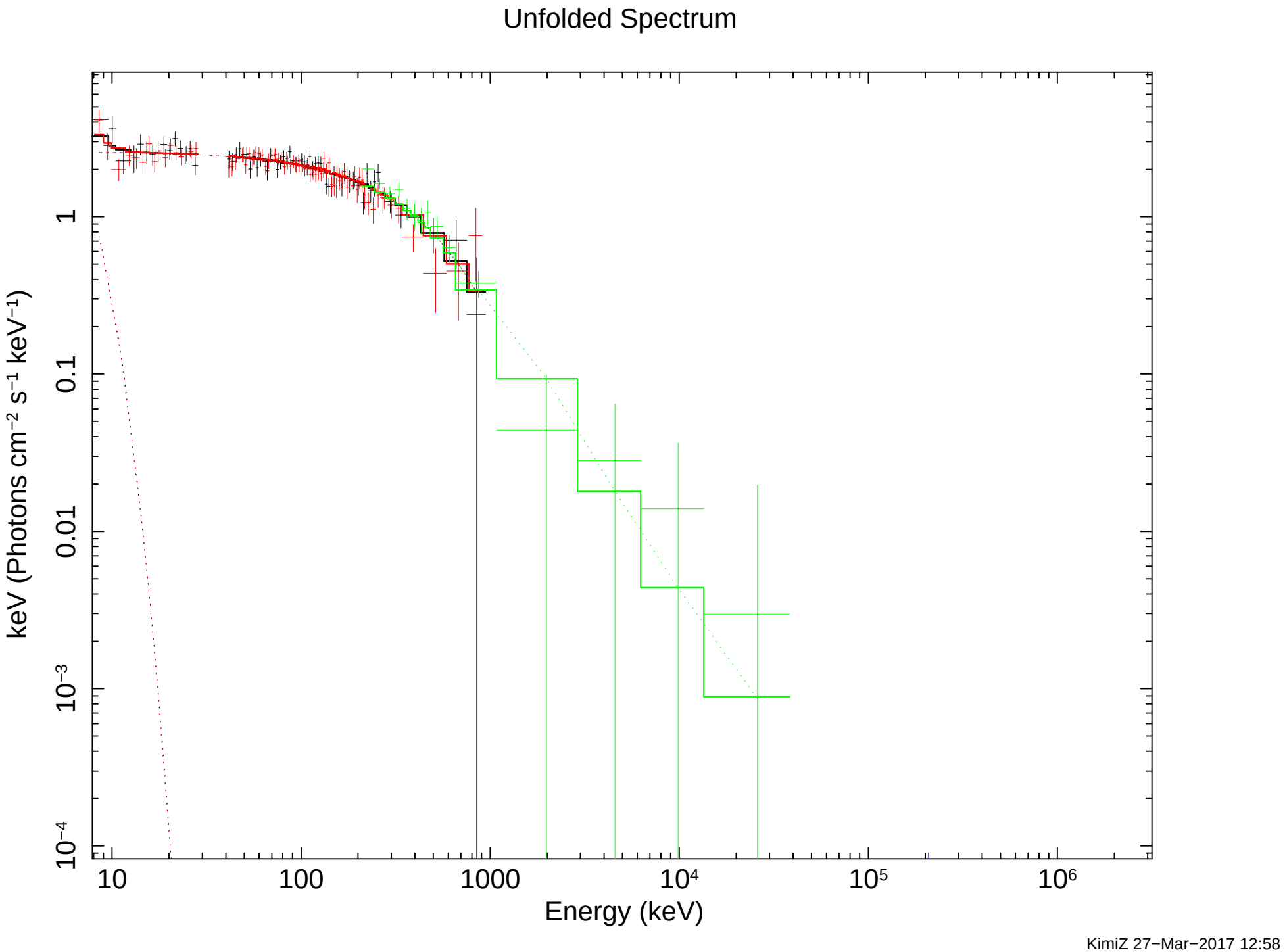

data and folded model
counts keV⁻¹
(data−model)/error
Energy (keV)
KimiZ 27−Mar−2017 12:58

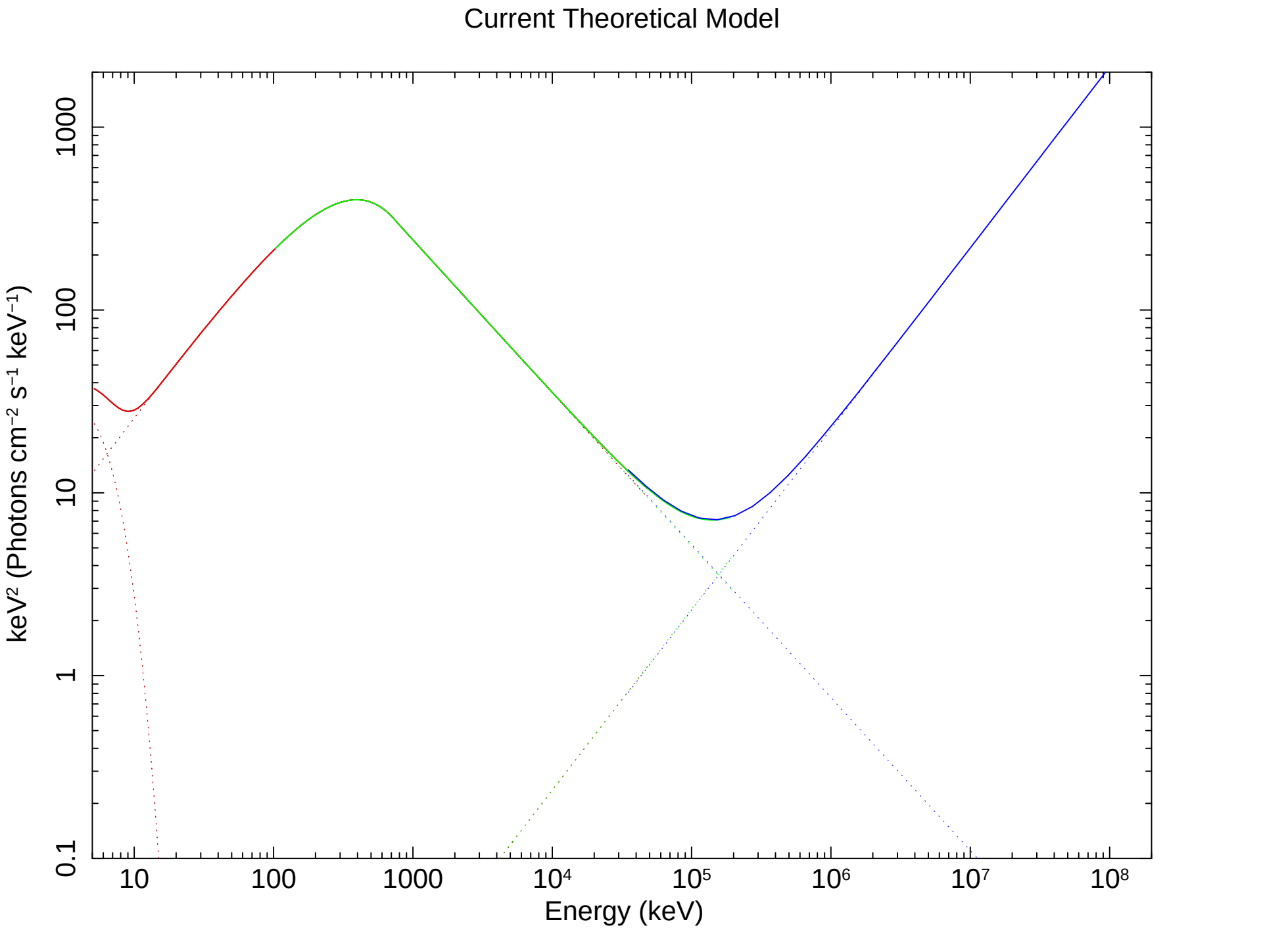

Current Theoretical Model
Photons cm^{-2} s^{-1} keV^{-1}
1
0.1
0.01
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 27−Mar−2017 12:58

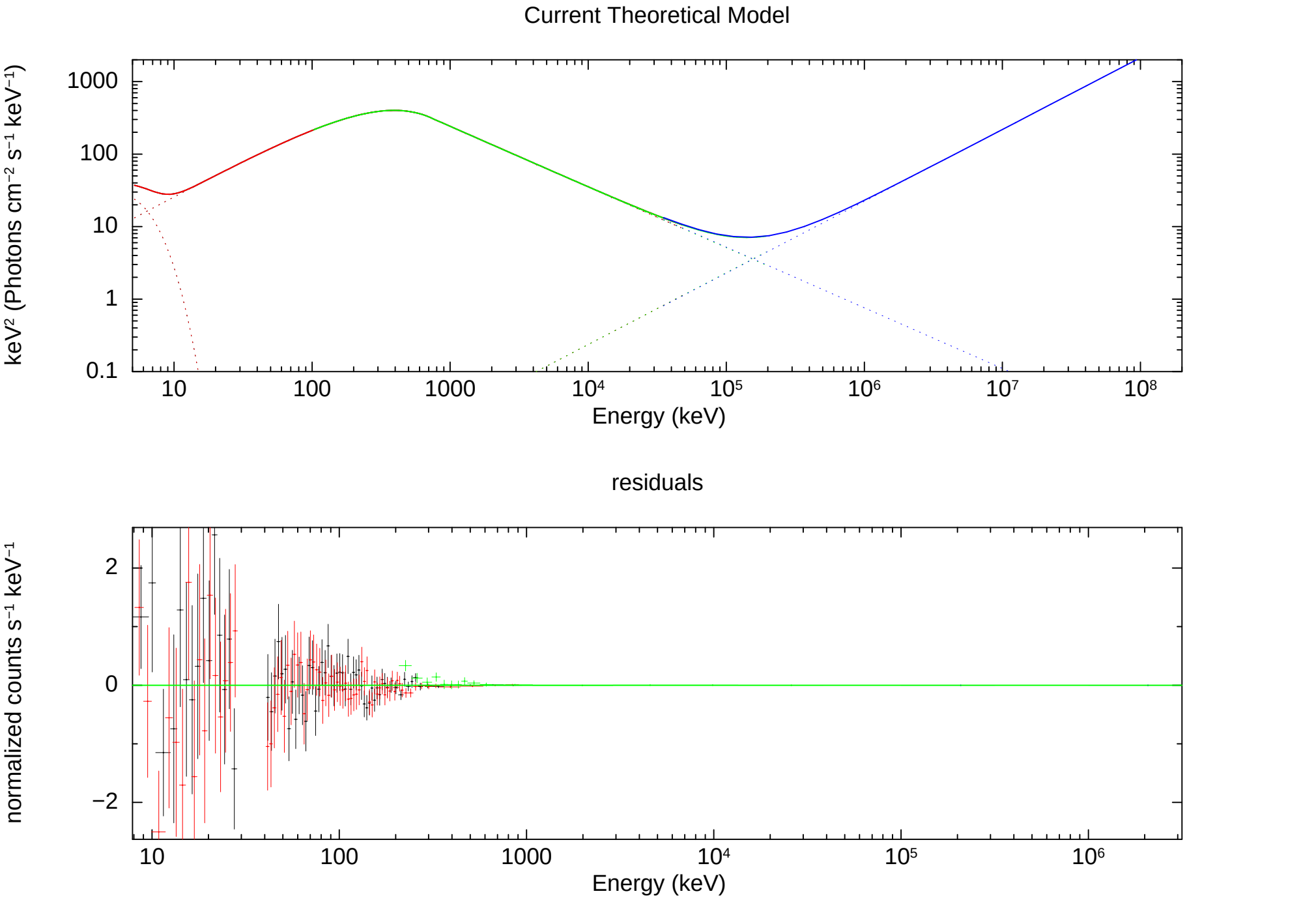


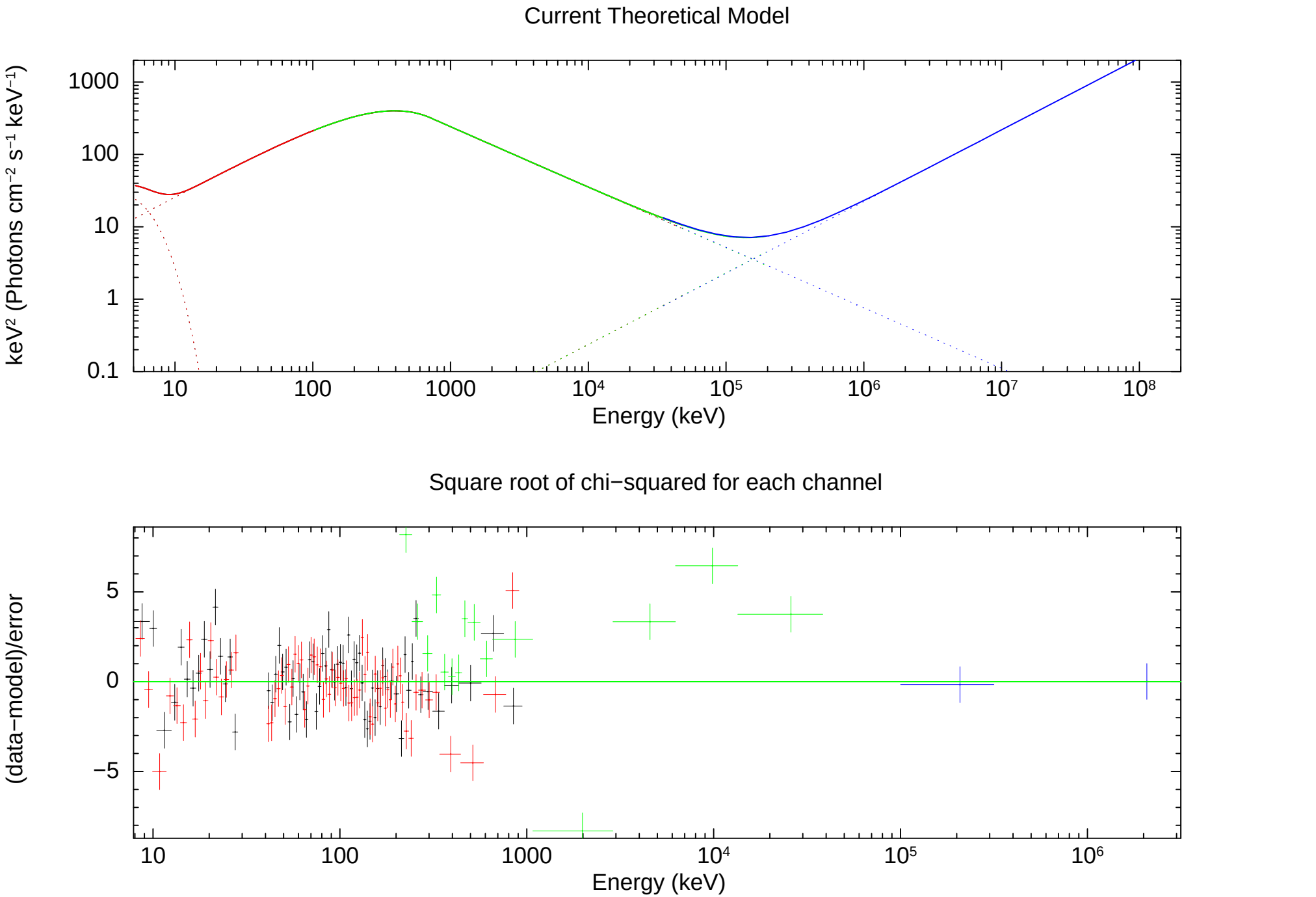
KimiZ 27−Mar−2017 12:58

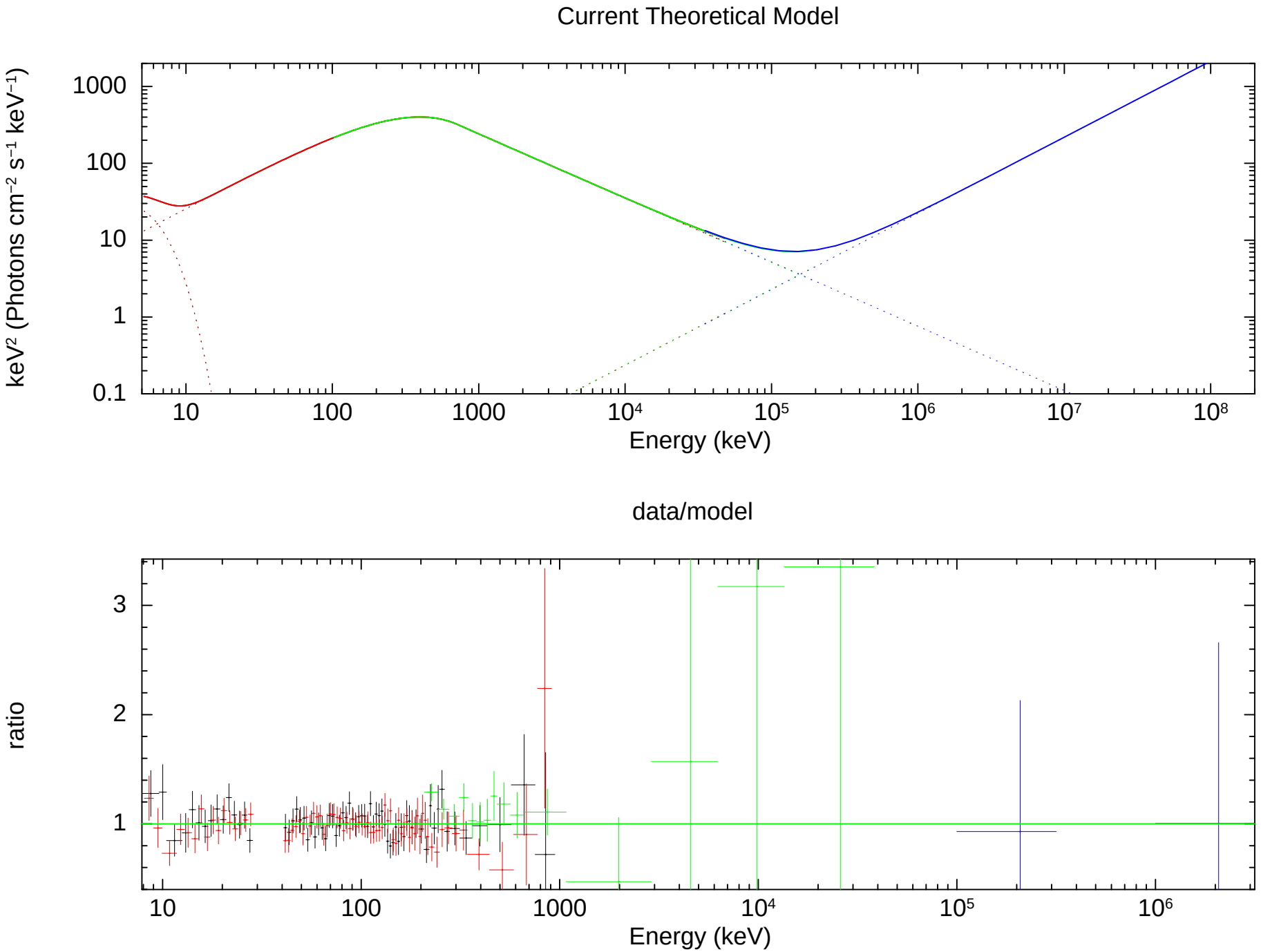

Current Theoretical Model
keV (Photons cm^{-2} s^{-1} keV^{-1})
0.01
0.1
1
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 27−Mar−2017 12:58

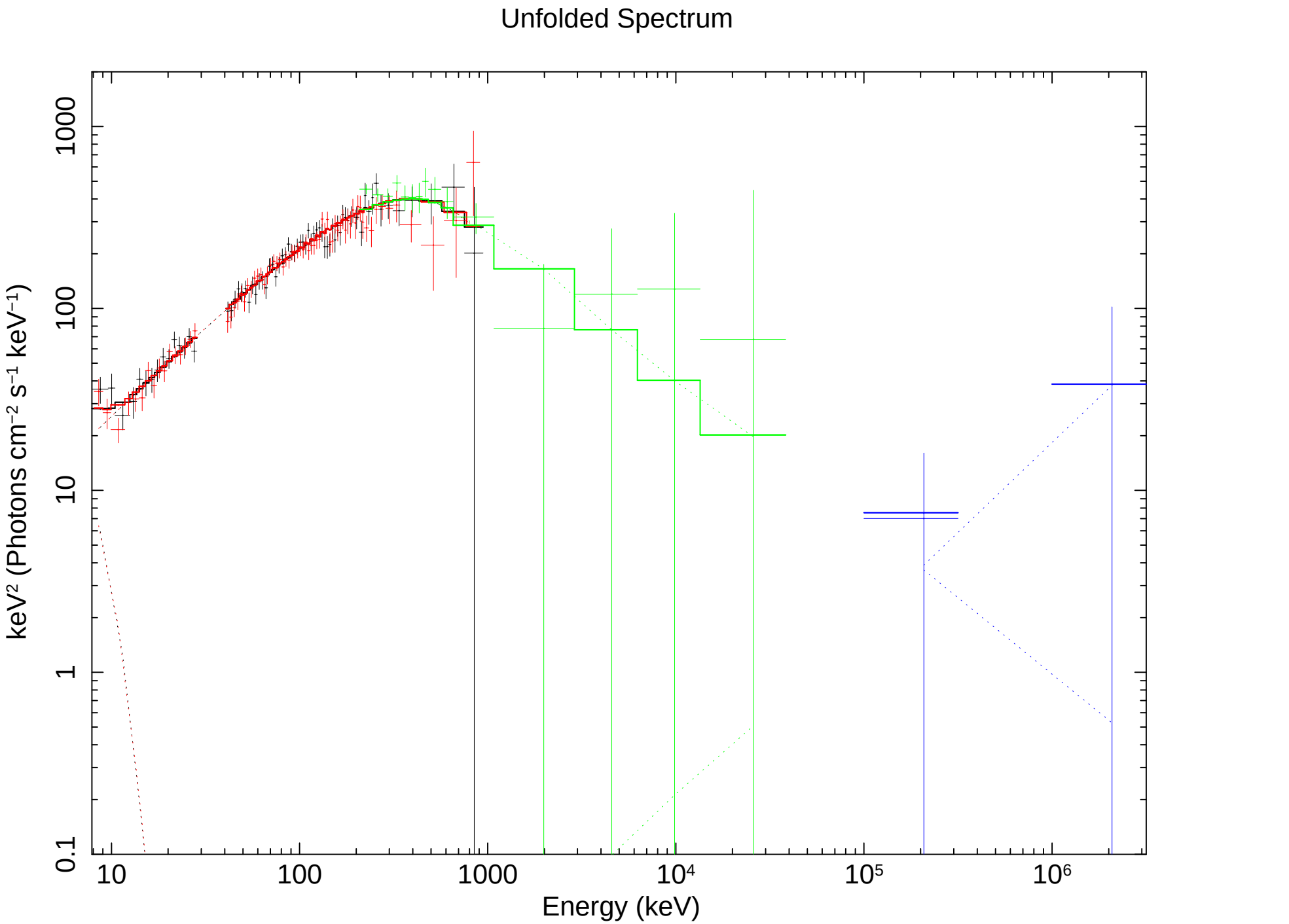

Unfolded Spectrum
keV (Photons cm^{-2} s^{-1} keV^{-1})
1
0.1
0.01
10^{-3}
10^{-4}
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 12:58

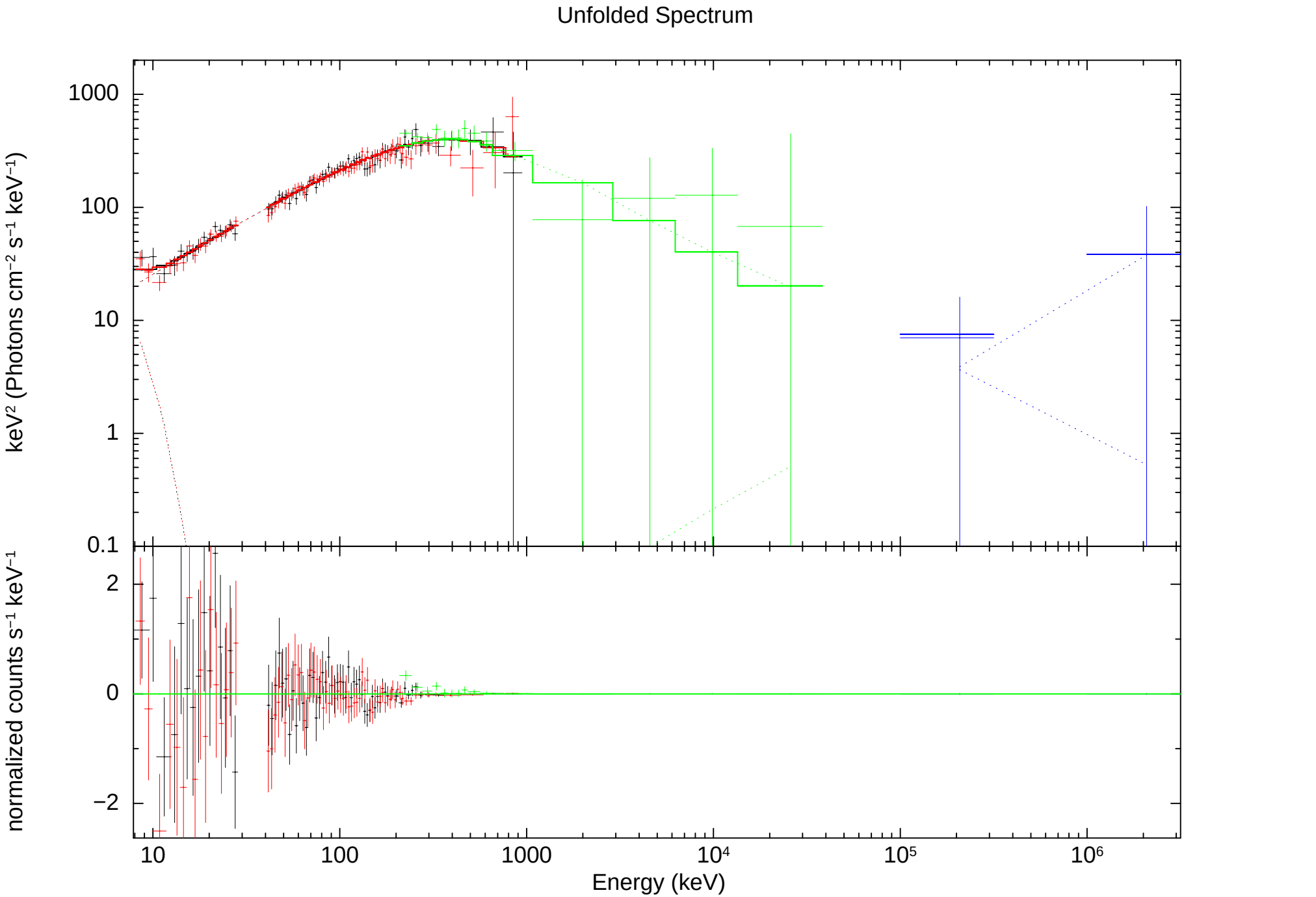

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
0.1
1
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
KimiZ 27−Mar−2017 12:58


Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
0.1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
residuals
normalized counts s⁻¹ keV⁻¹
2
0
−2
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58

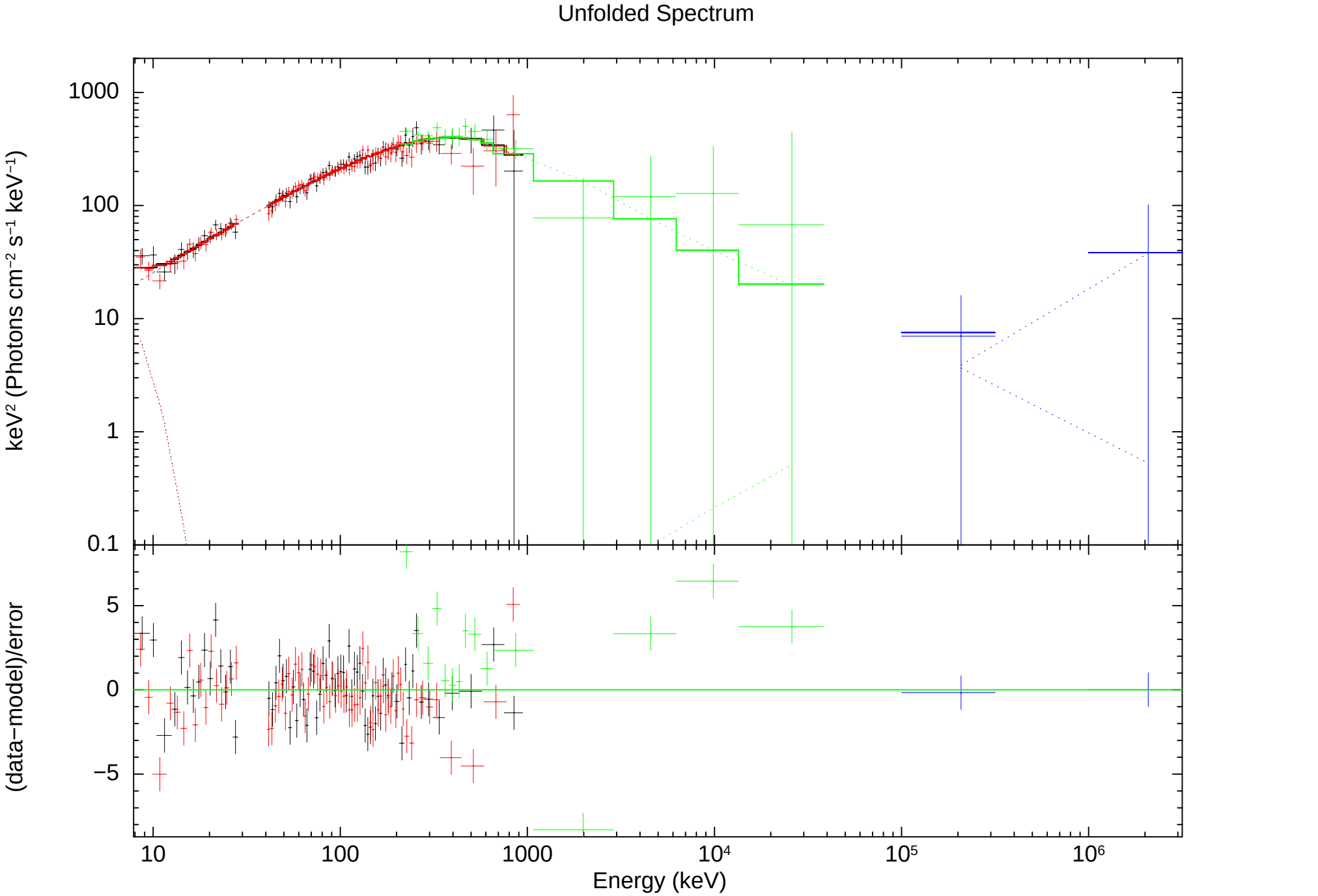

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
0.1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
Square root of chi−squared for each channel
(data−model)/error
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58

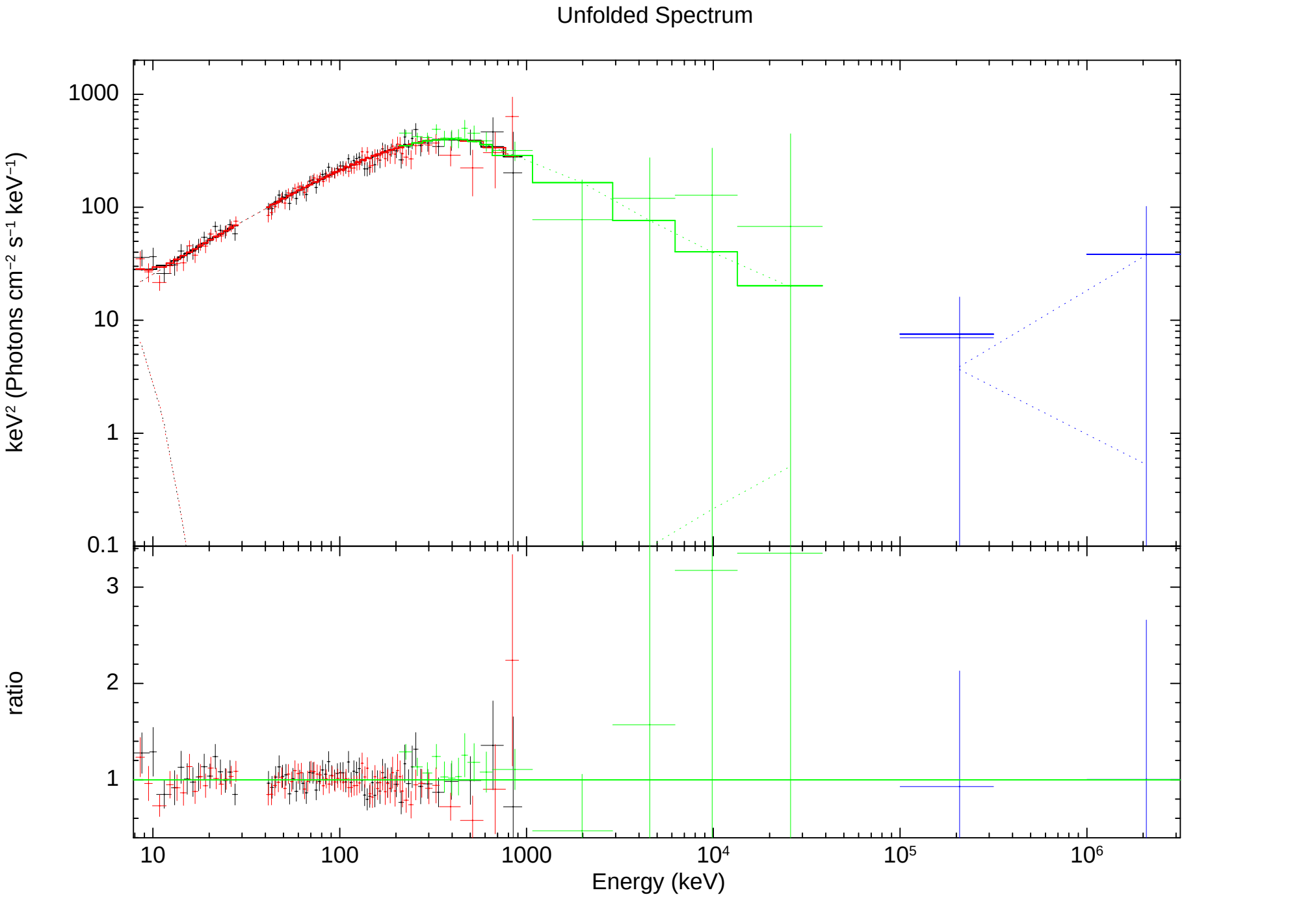

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
1
0.1
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
data/model
ratio
3
2
1
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58


Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
0.1
1
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58



KimiZ 27−Mar−2017 12:58


Unfolded Spectrum
1000
100
10
1
0.1
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
5
0
−5
(data−model)/error
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58



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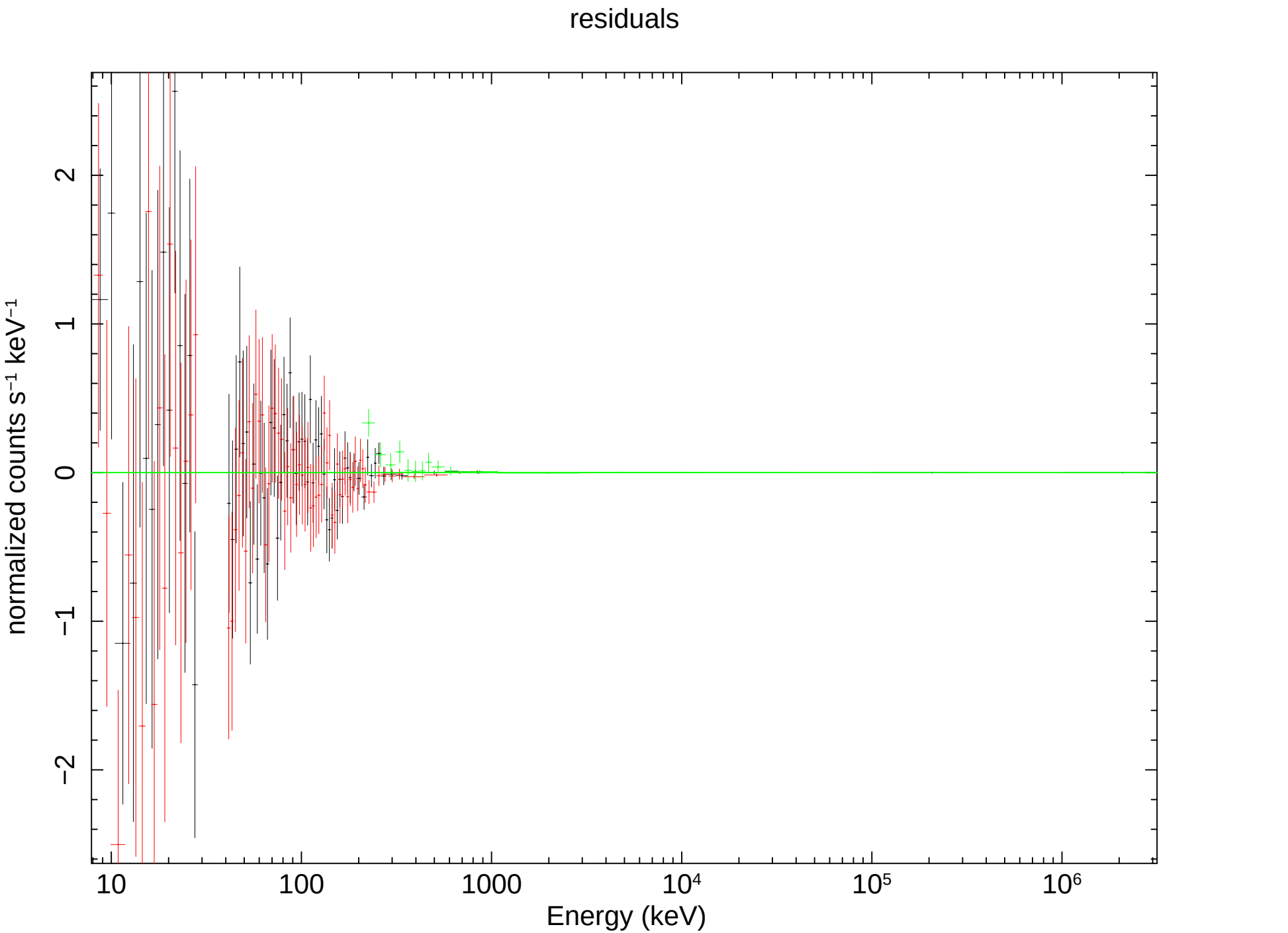
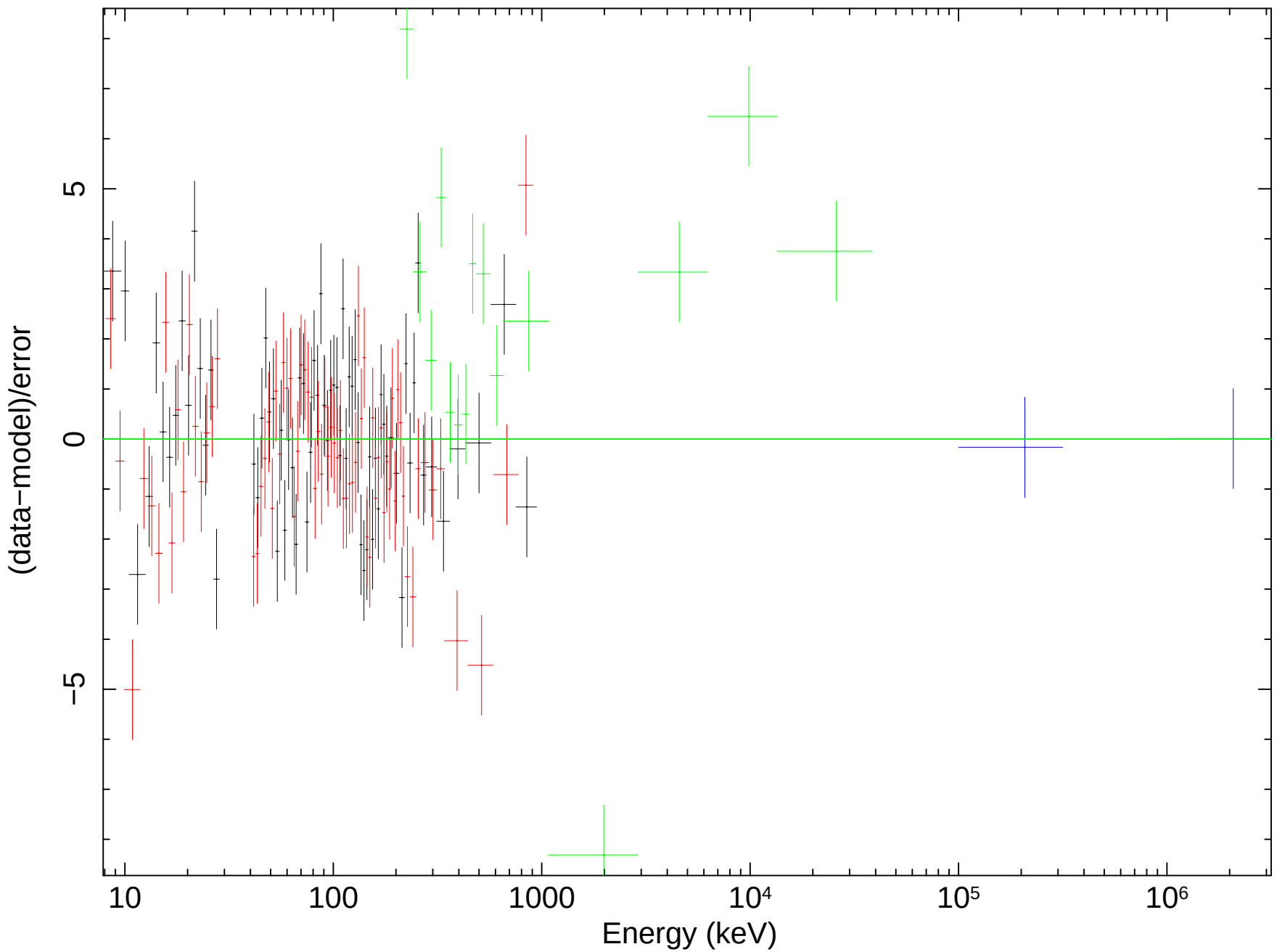
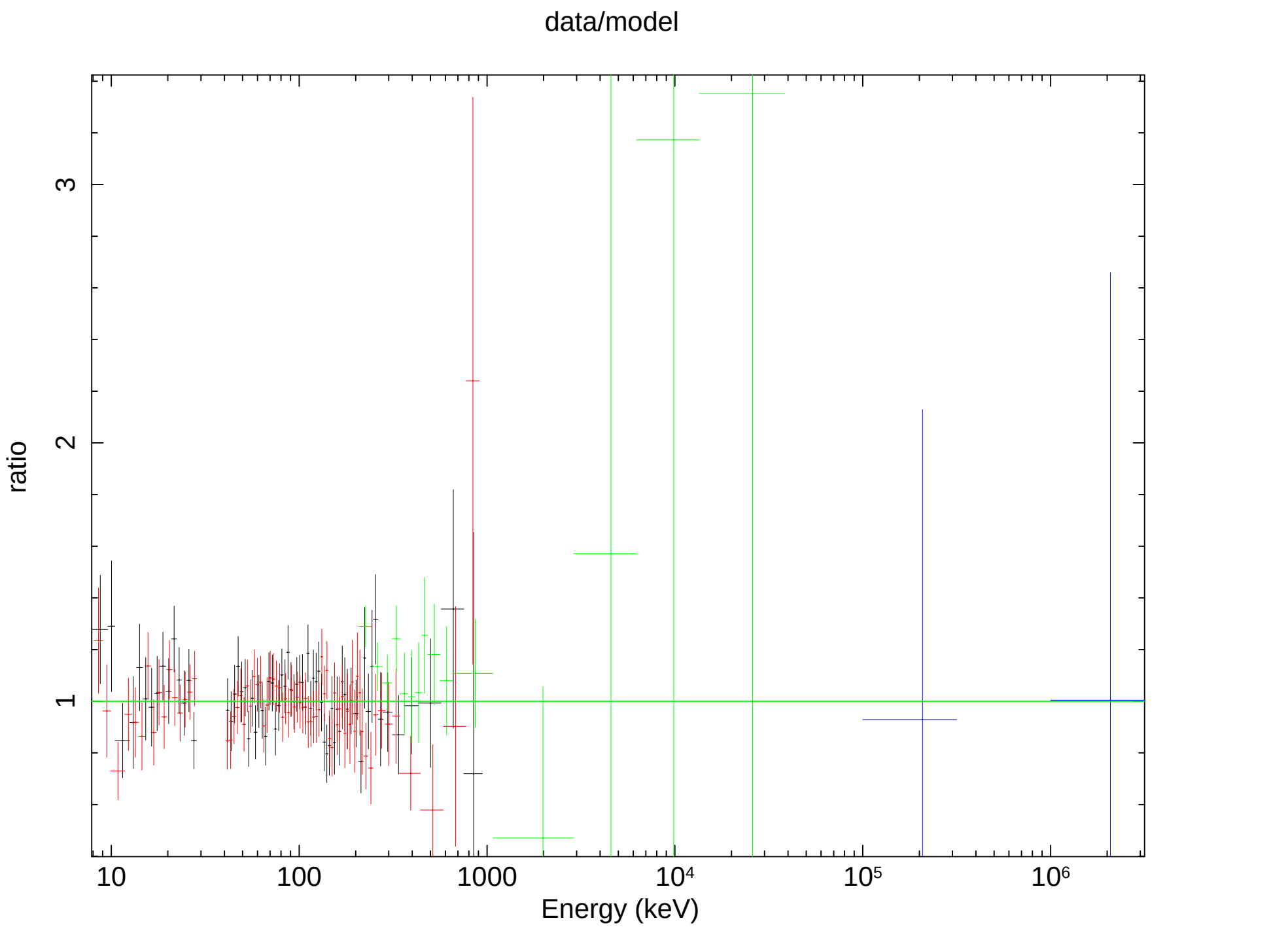

residuals
normalized counts s^{-1} keV^{-1}
2
1
0
−1
−2
10
100
1000
10^4
10^5
10^6
Energy (keV)
KimiZ 27−Mar−2017 12:58


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 12:58


data/model
ratio
1
2
3
10
100
1000
10⁴
10⁵
10⁶
Energy (keV)
KimiZ 27−Mar−2017 12:58