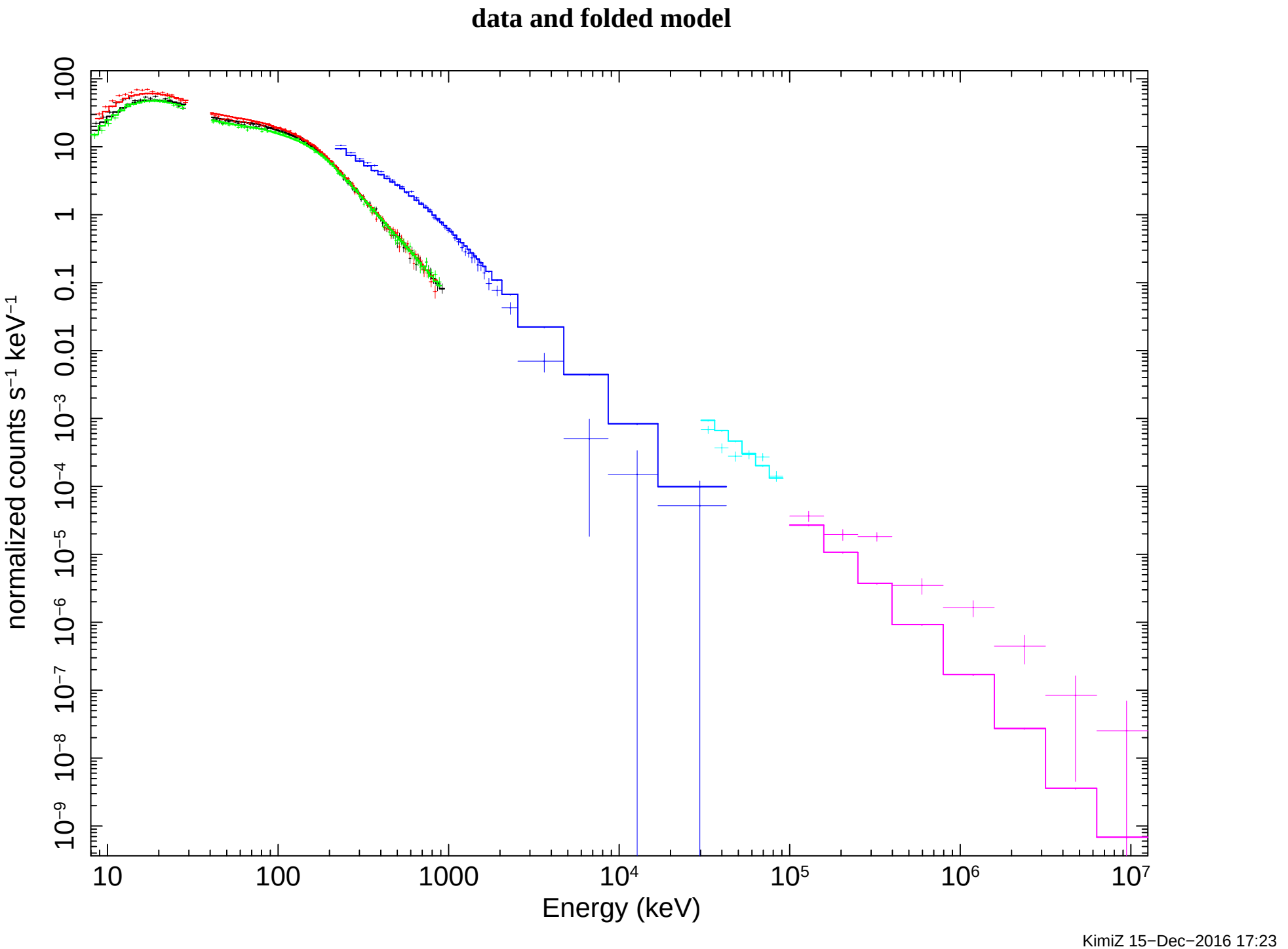
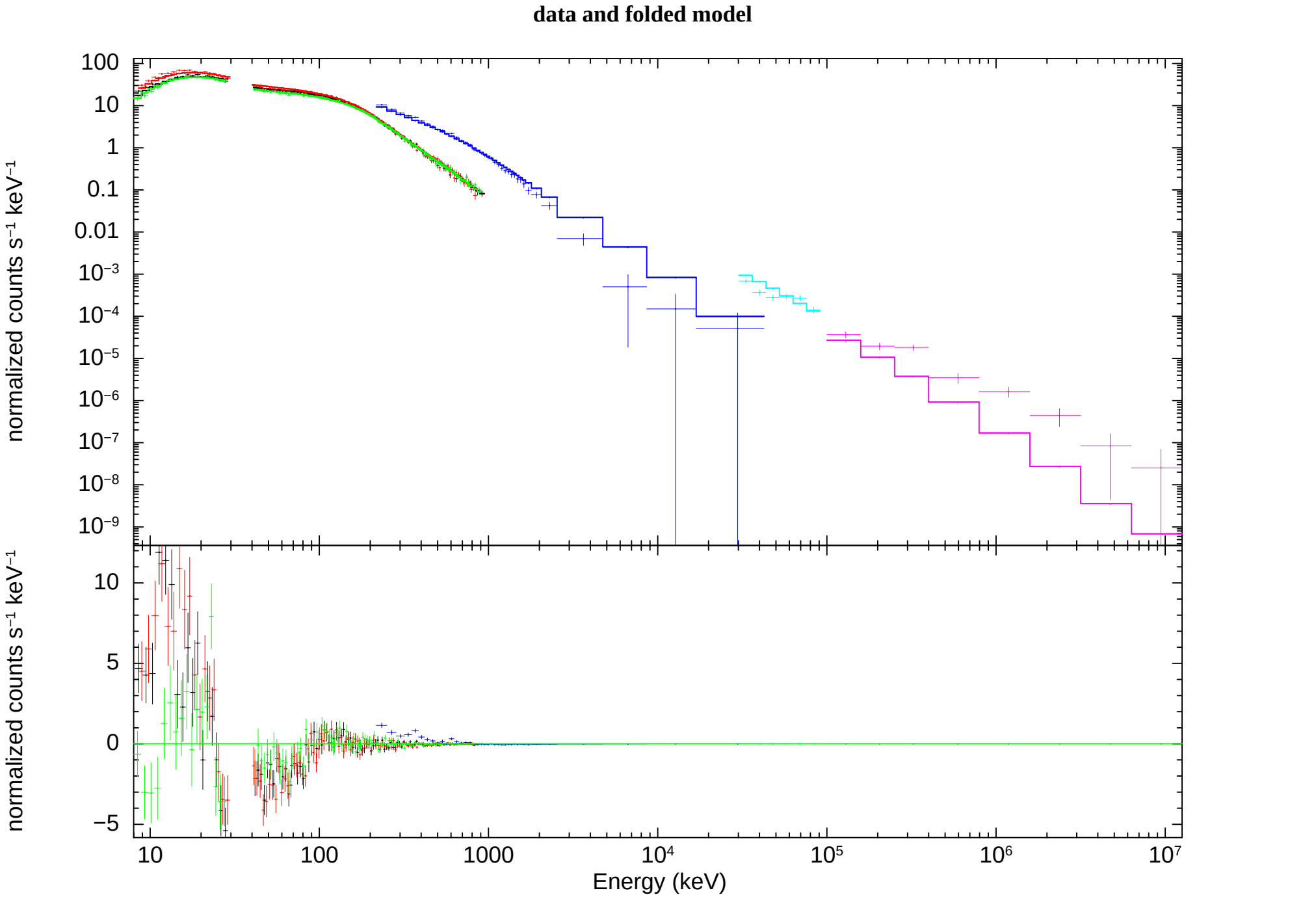

data and folded model
normalized counts s^{-1} keV^{-1}
Energy (keV)
10
100
1000
10^4
10^5
10^6
10^7
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
0.01
0.1
1
10
100
KimiZ 15−Dec−2016 17:23



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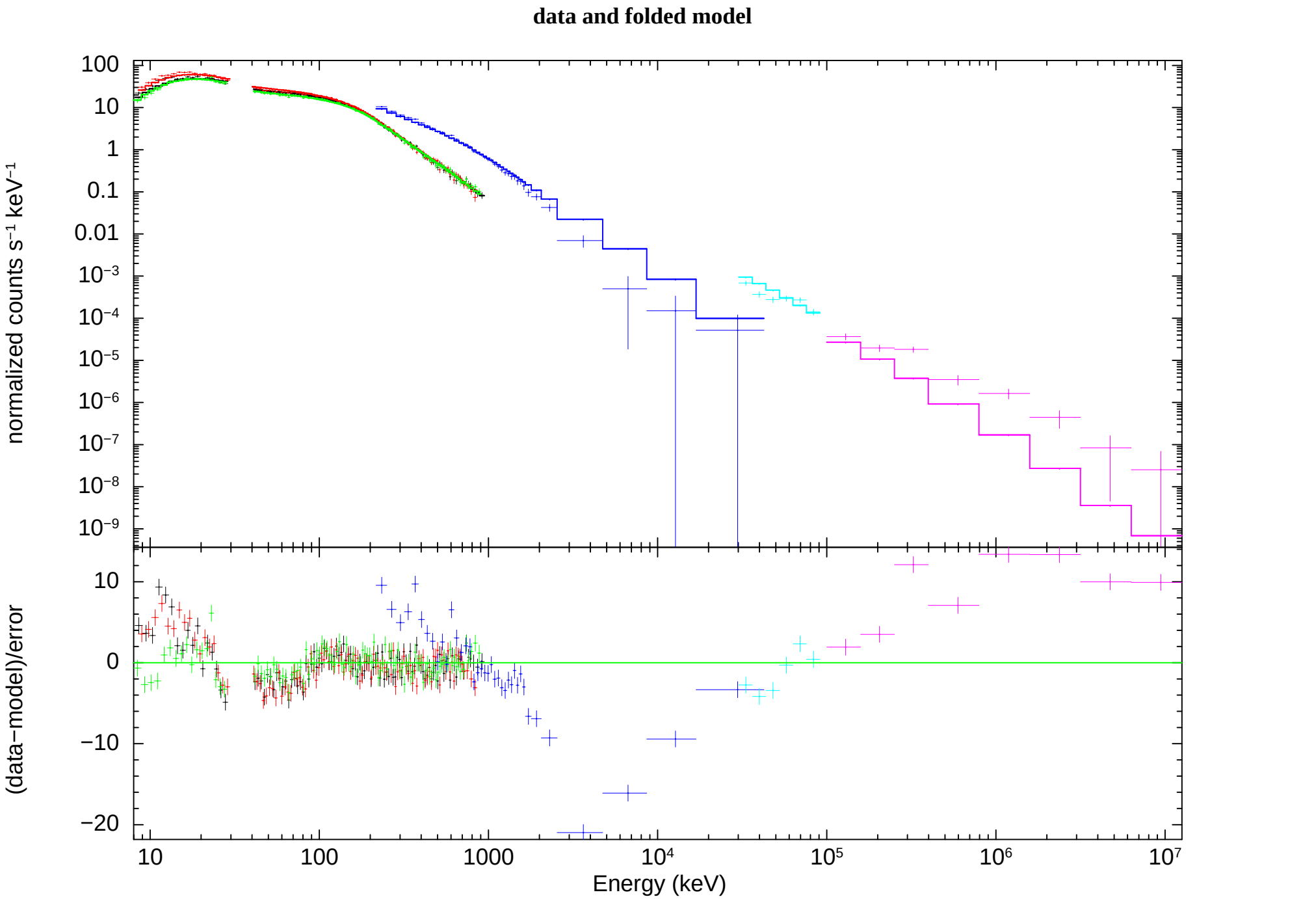
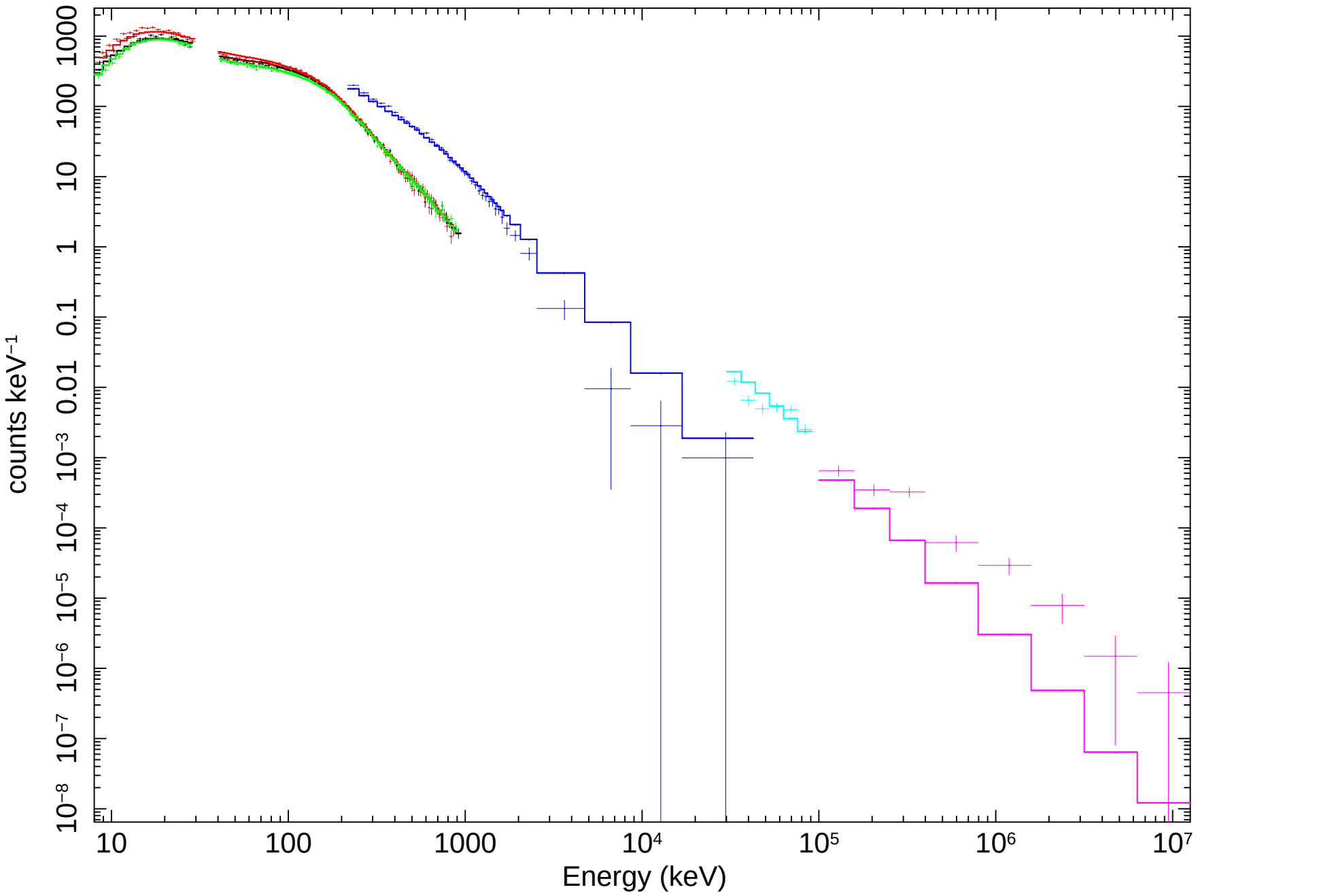
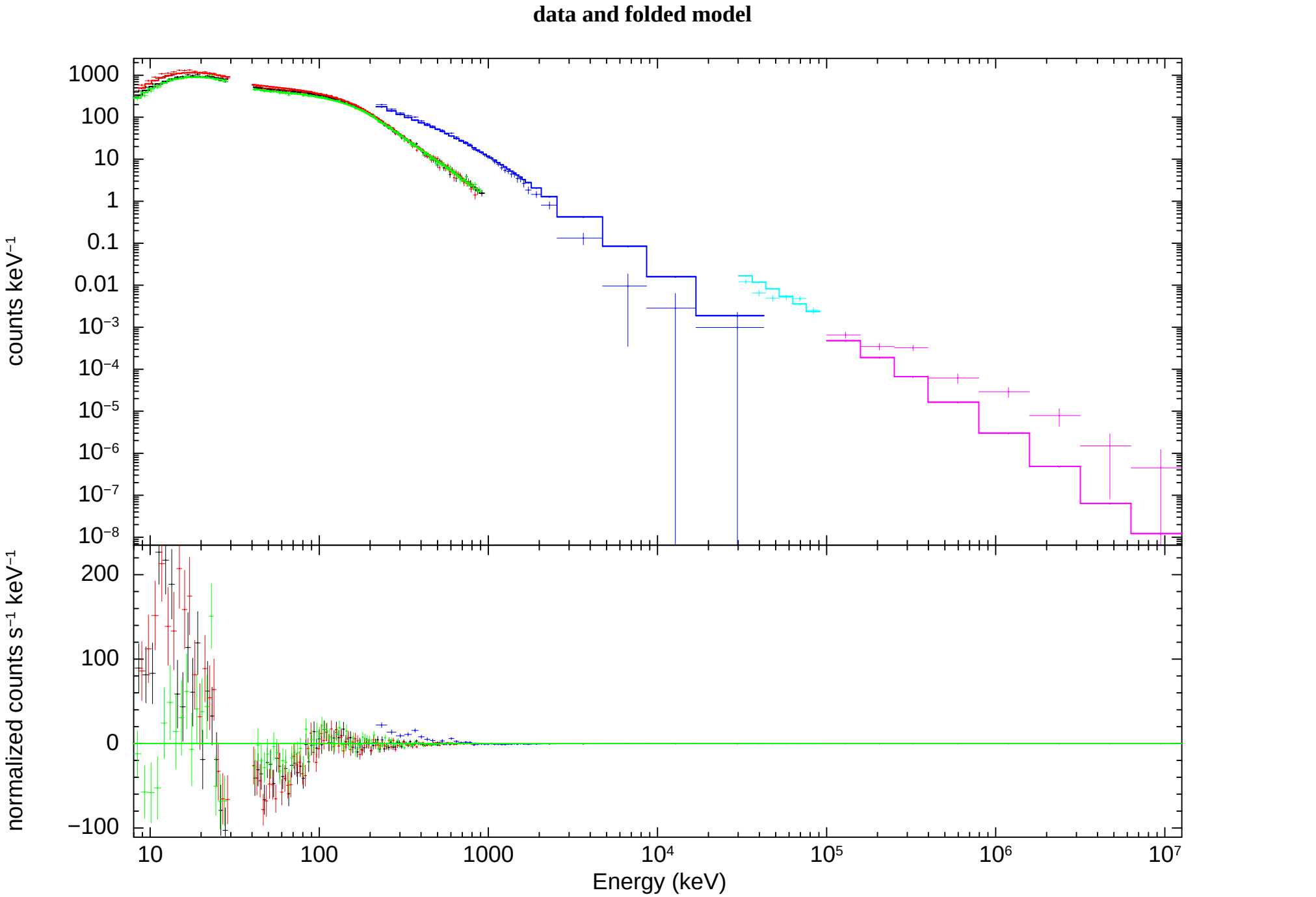
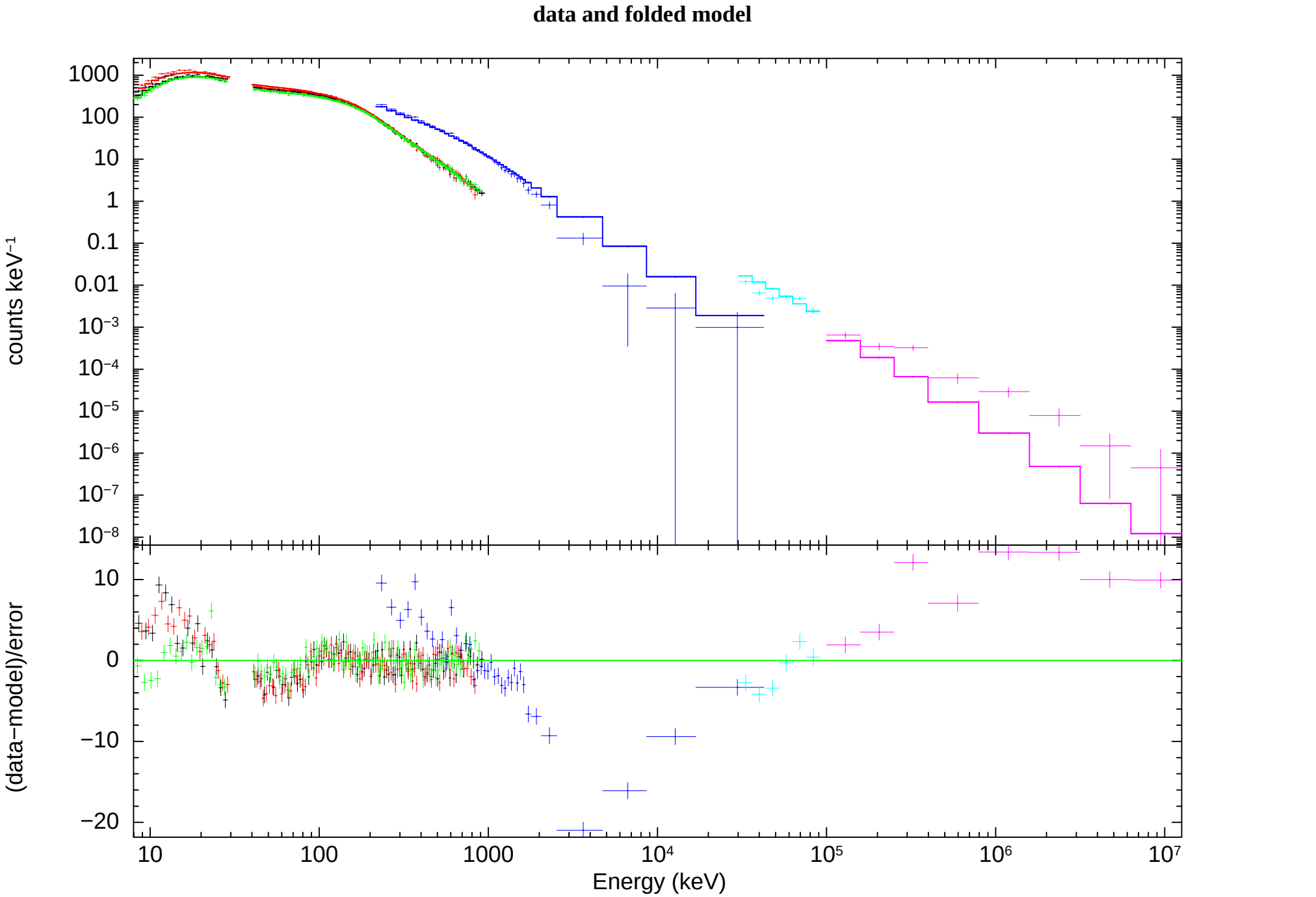
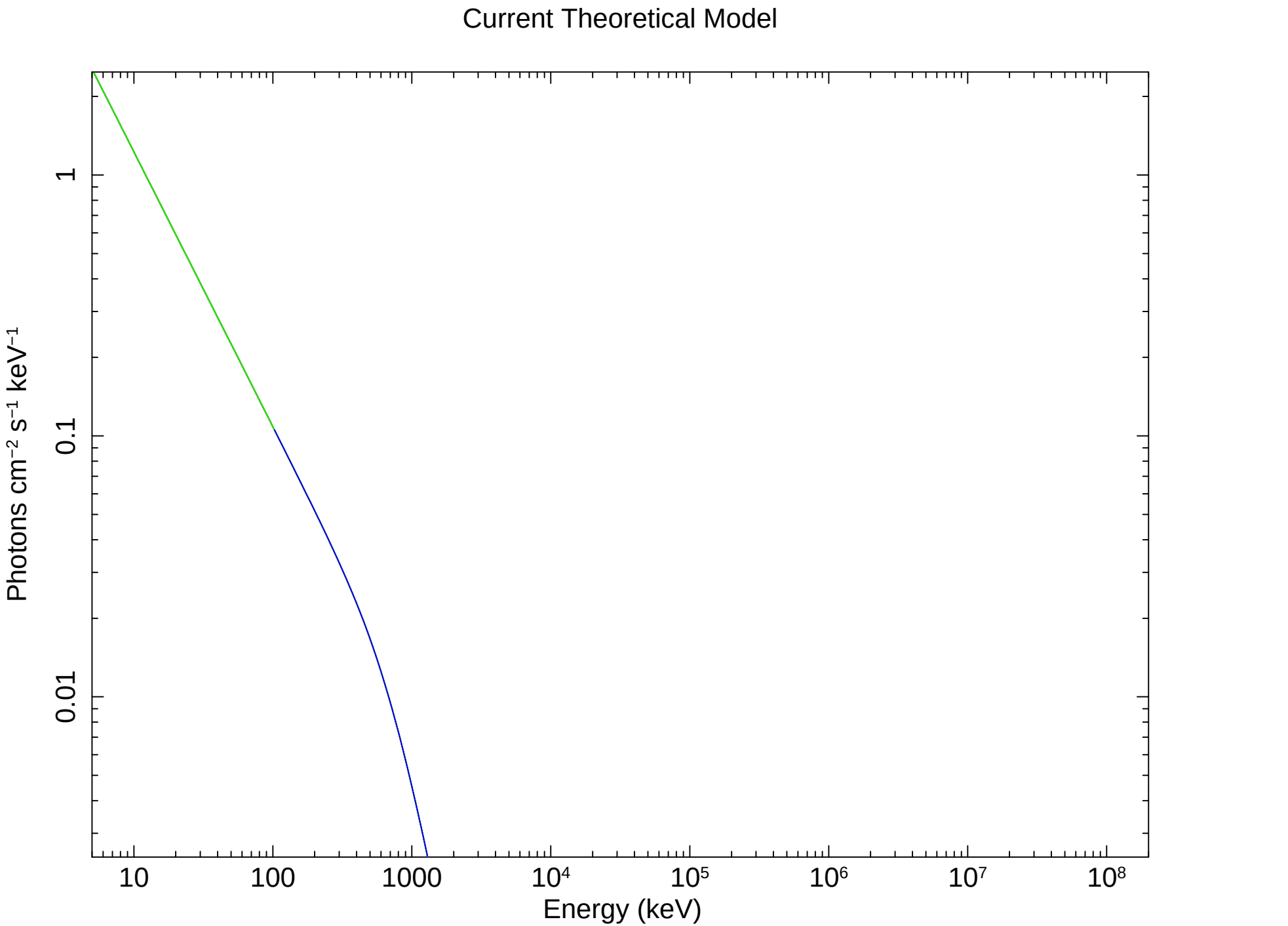
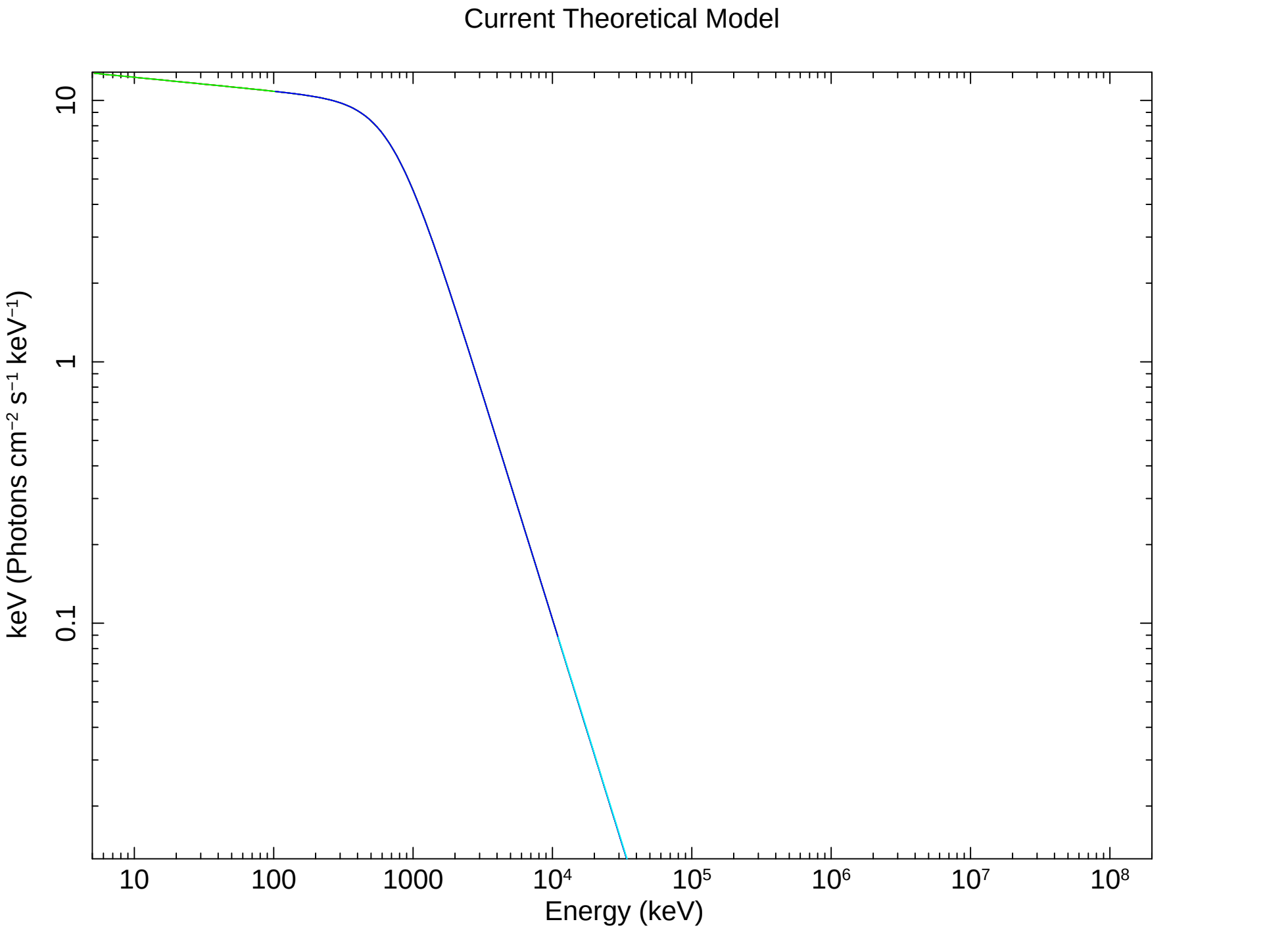

data and folded model
normalized counts s^{-1} keV^{-1}
100
10
1
0.1
0.01
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-9}
(data−model)/error
10
0
−10
−20
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23

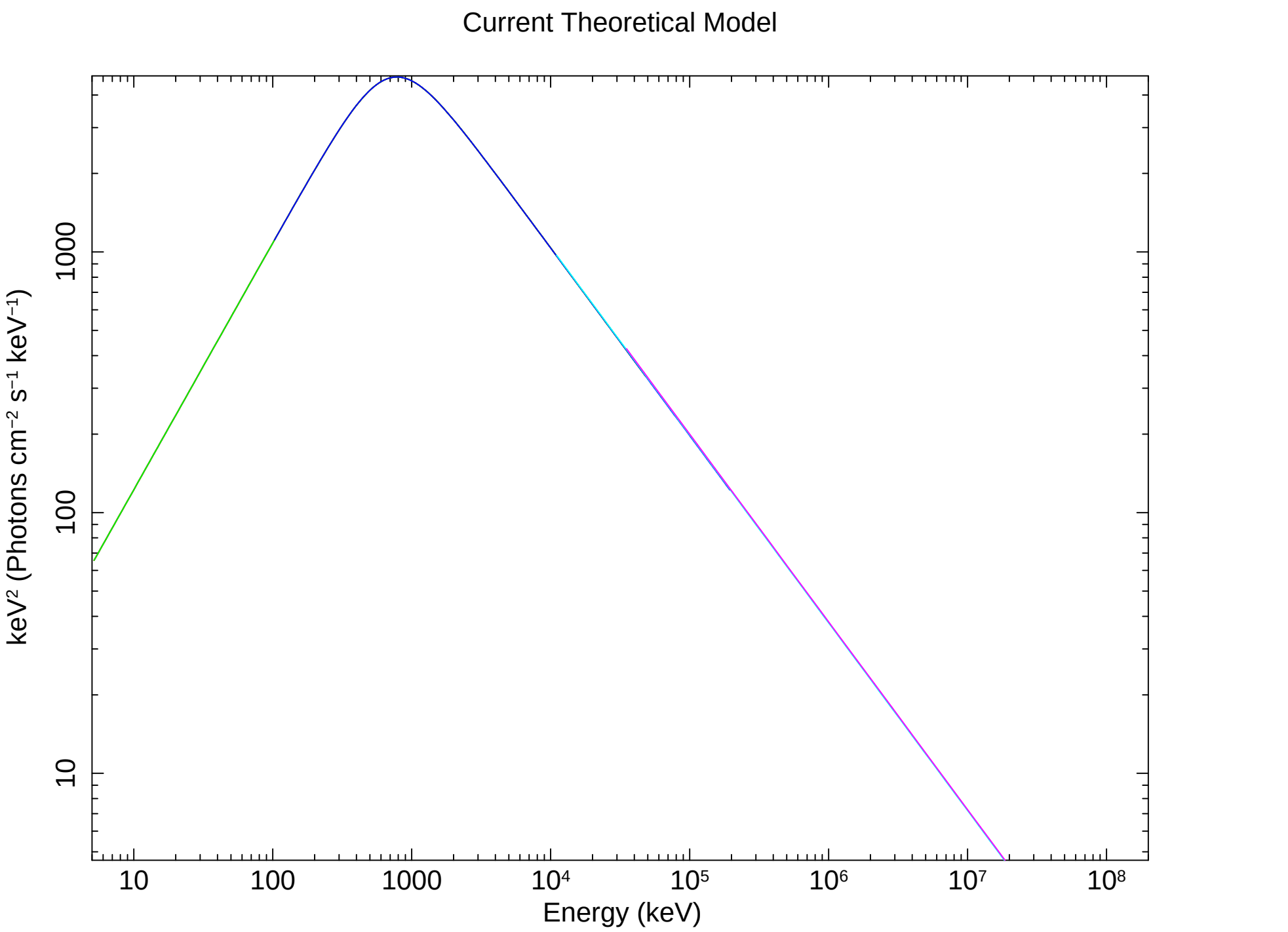

data and folded model
counts keV⁻¹
Energy (keV)
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁻⁸
10⁻⁷
10⁻⁶
10⁻⁵
10⁻⁴
10⁻³
0.01
0.1
1
10
100
1000
KimiZ 15−Dec−2016 17:23

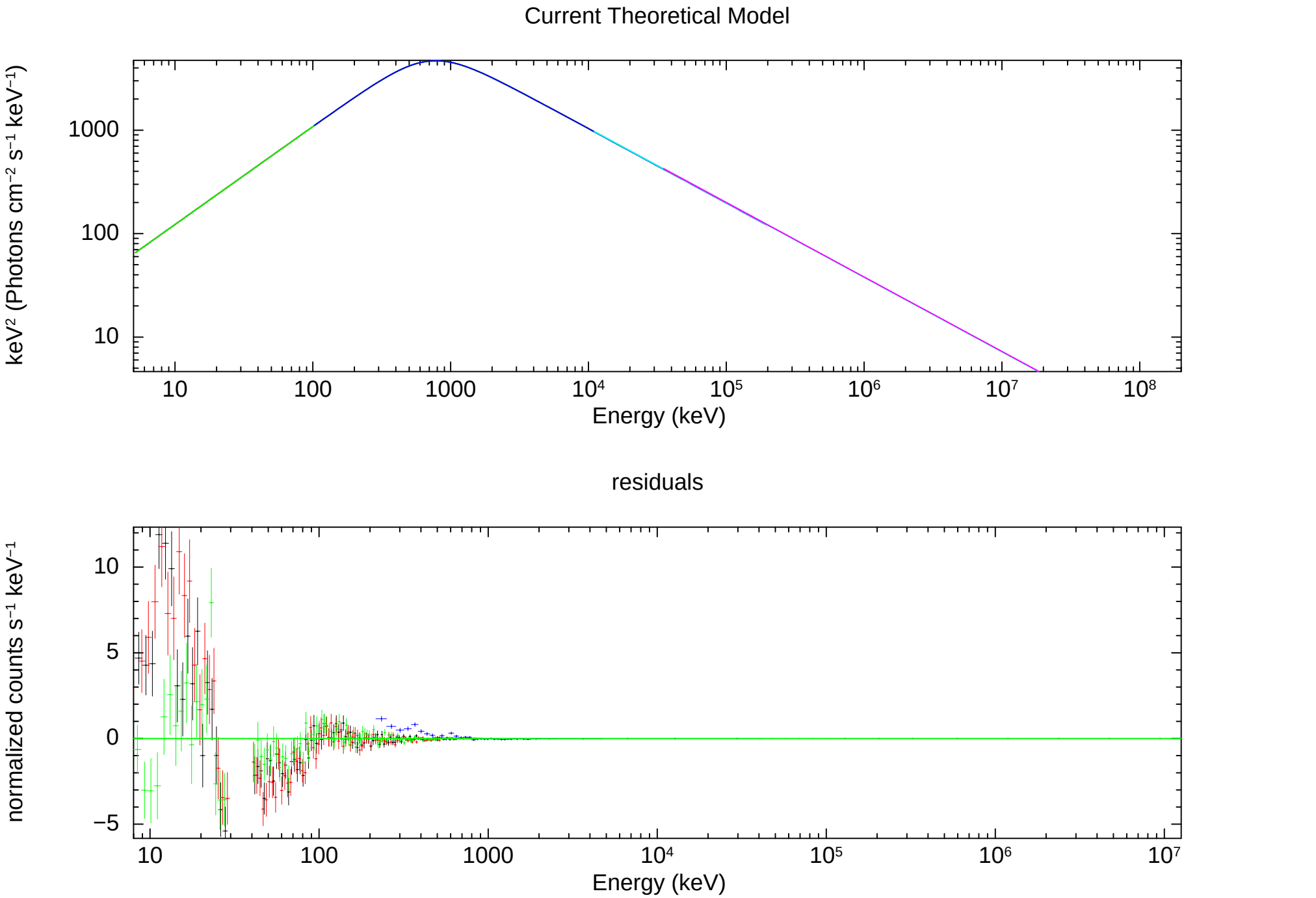

data and folded model
counts keV⁻¹
normalized counts s⁻¹ keV⁻¹
Energy (keV)
KimiZ 15−Dec−2016 17:23

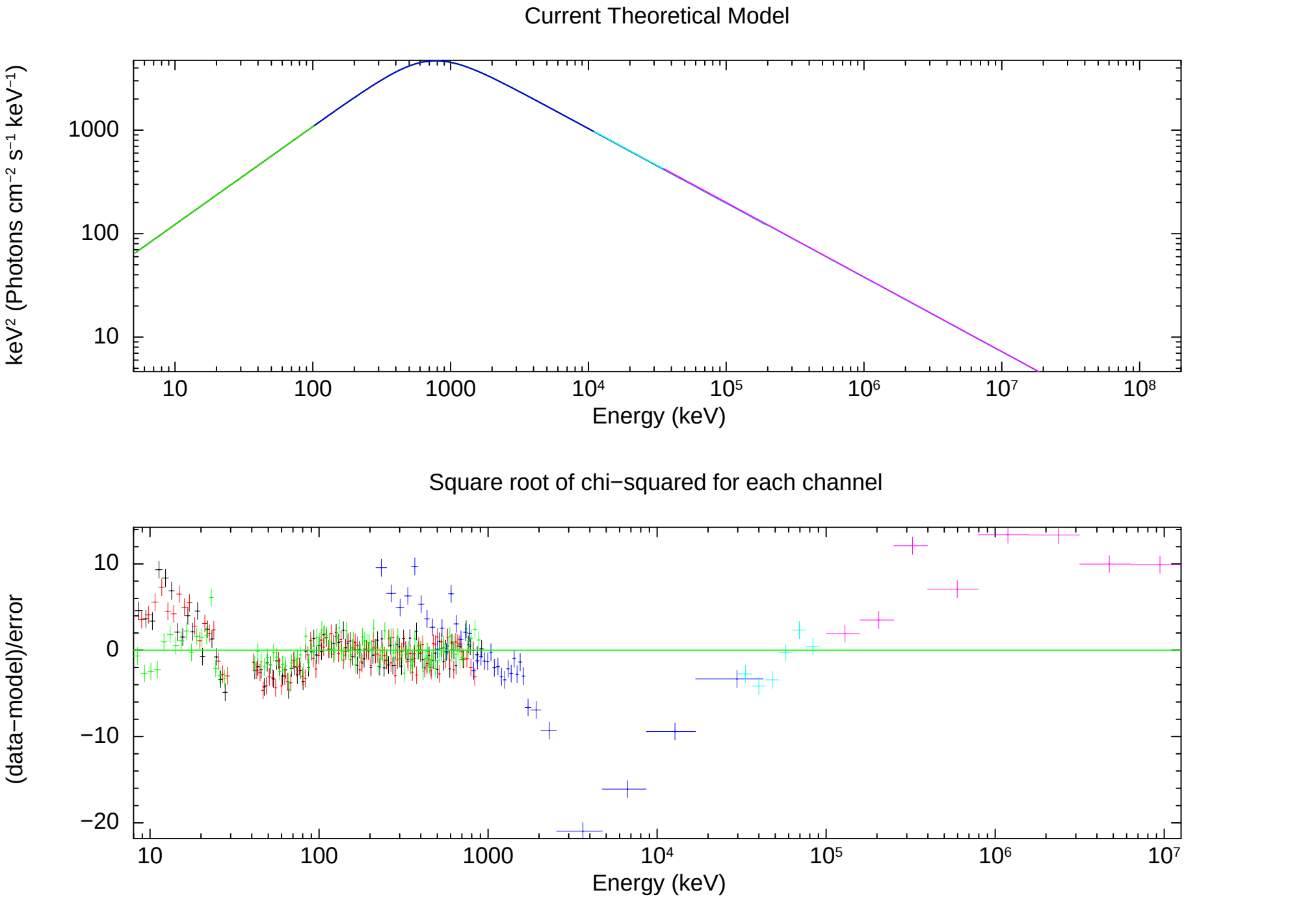

data and folded model
counts keV⁻¹
(data−model)/error
Energy (keV)
KimiZ 15−Dec−2016 17:23

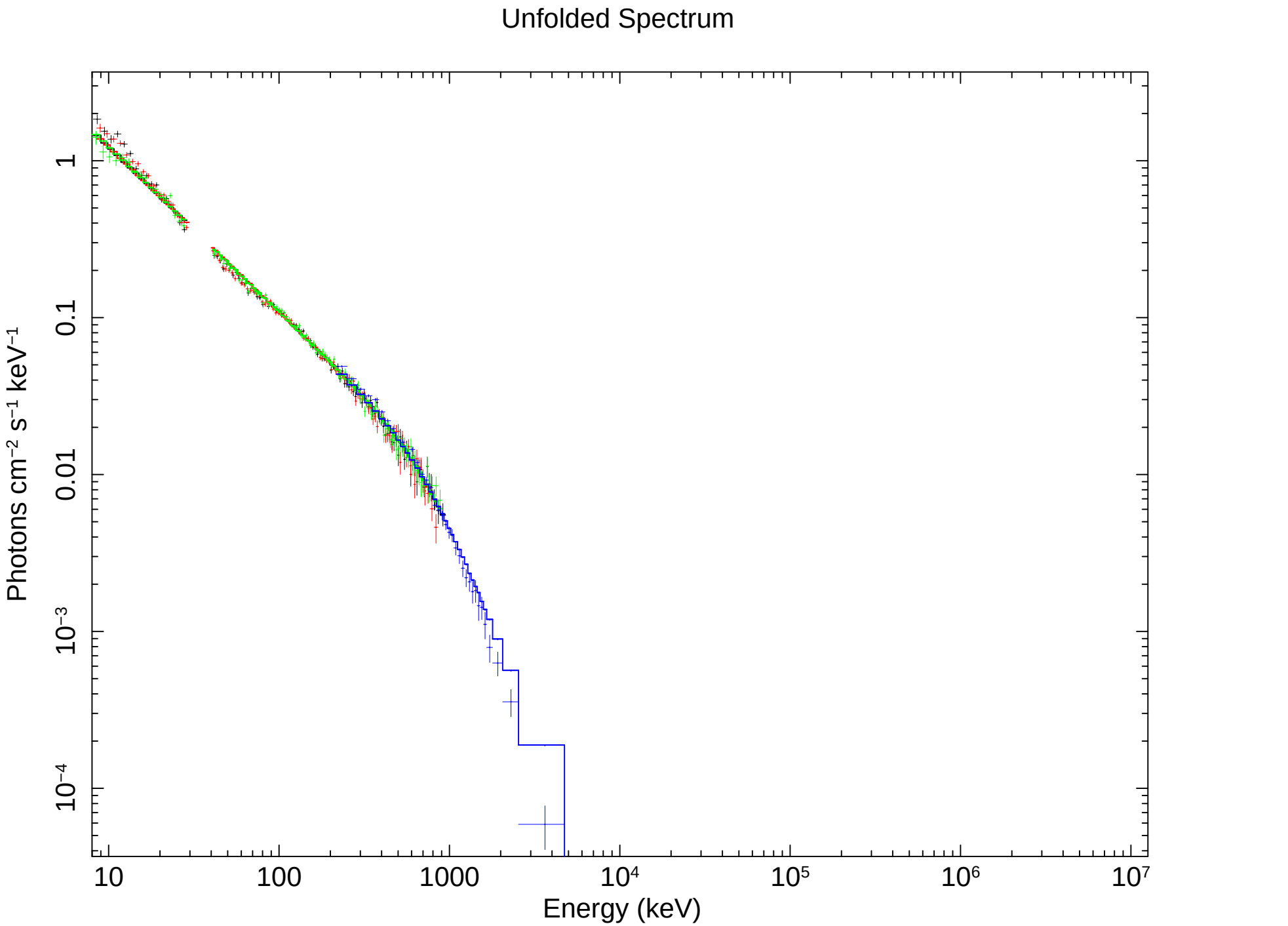

Current Theoretical Model
Photons cm^{-2} s^{-1} keV^{-1}
1
0.1
0.01
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 15−Dec−2016 17:23

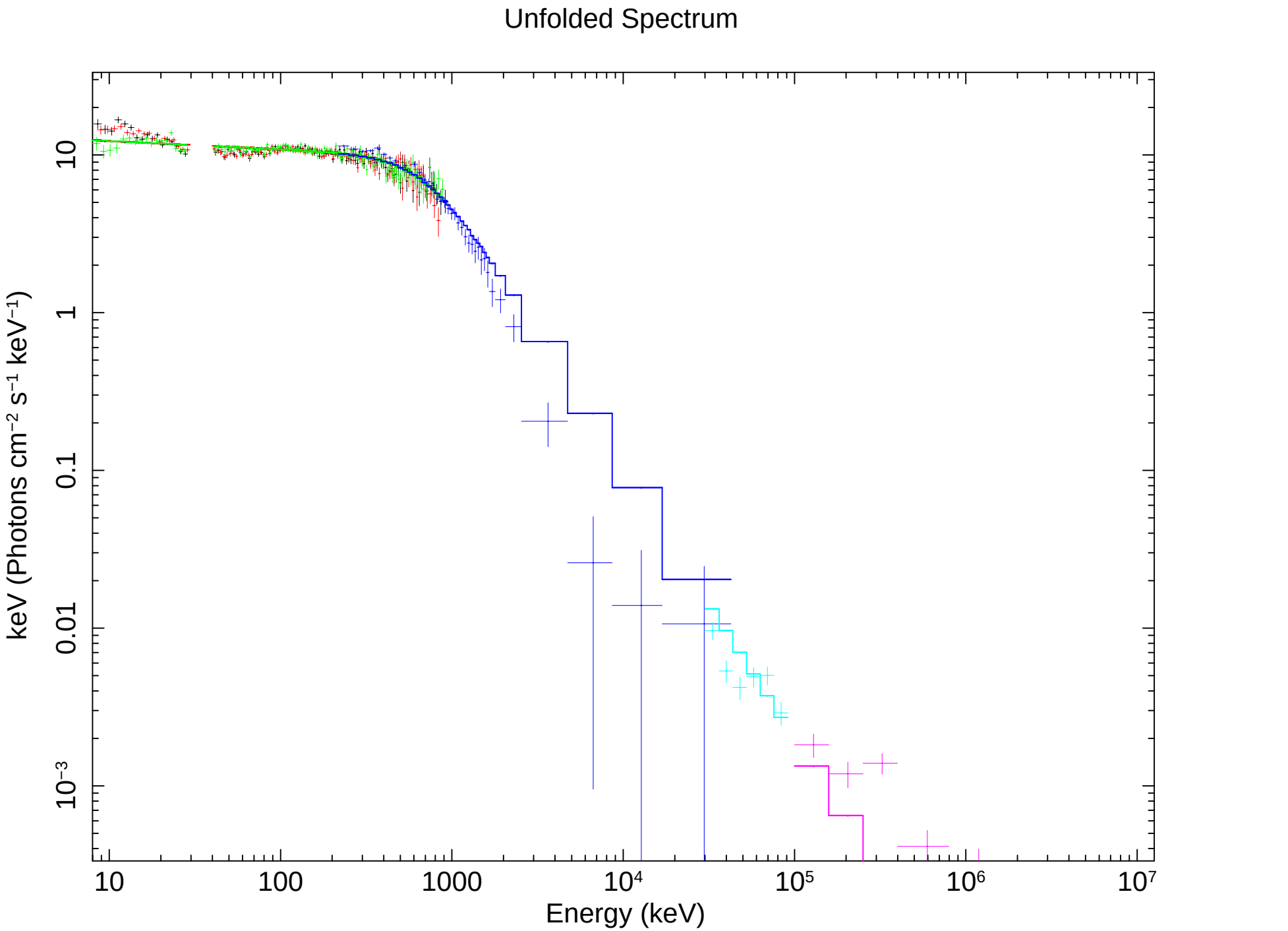

Current Theoretical Model
keV (Photons cm^{-2} s^{-1} keV^{-1})
10
1
0.1
10
100
1000
10^4
10^5
10^6
10^7
10^8
Energy (keV)
KimiZ 15−Dec−2016 17:23

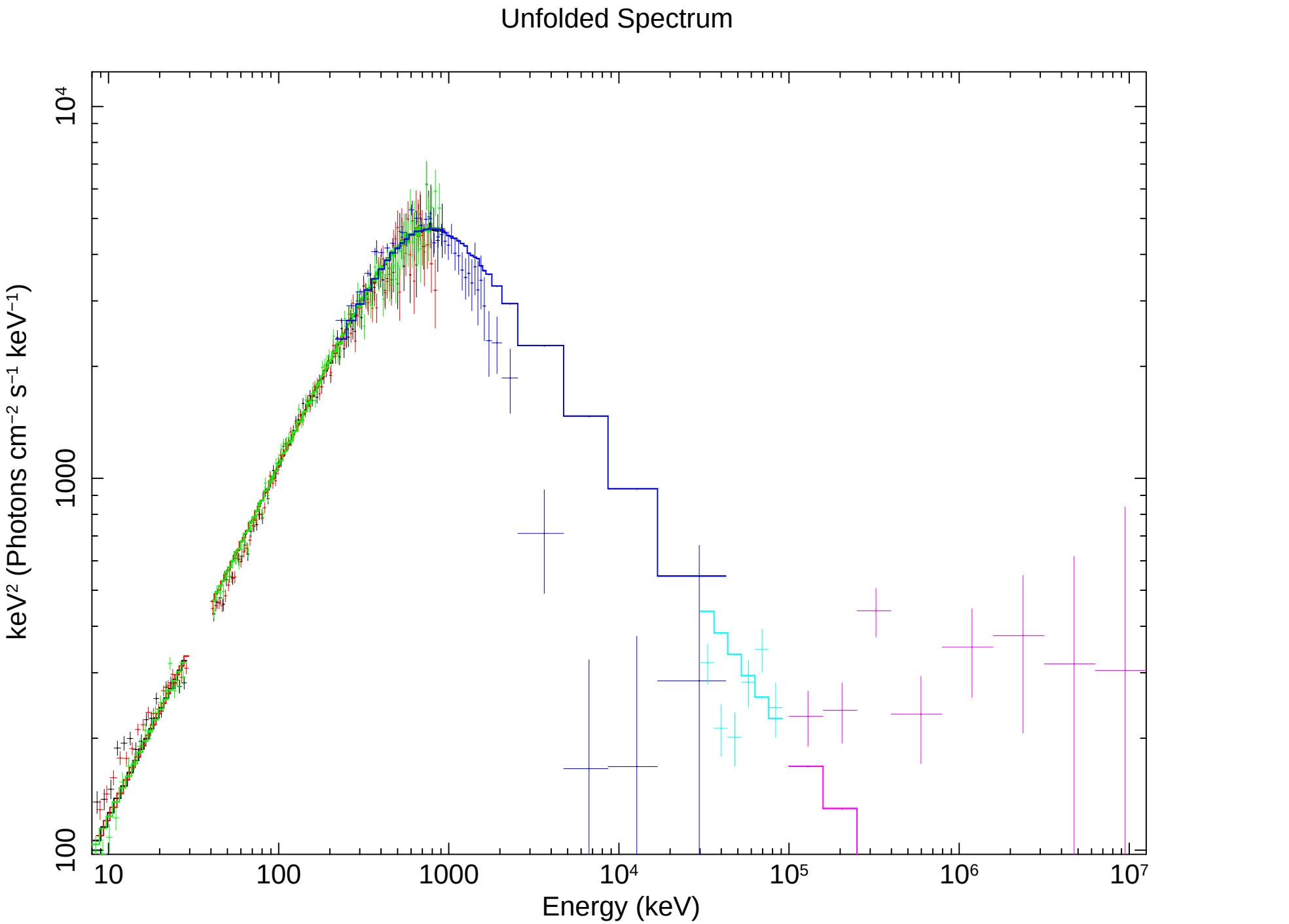

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
10
100
1000
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
KimiZ 15−Dec−2016 17:23

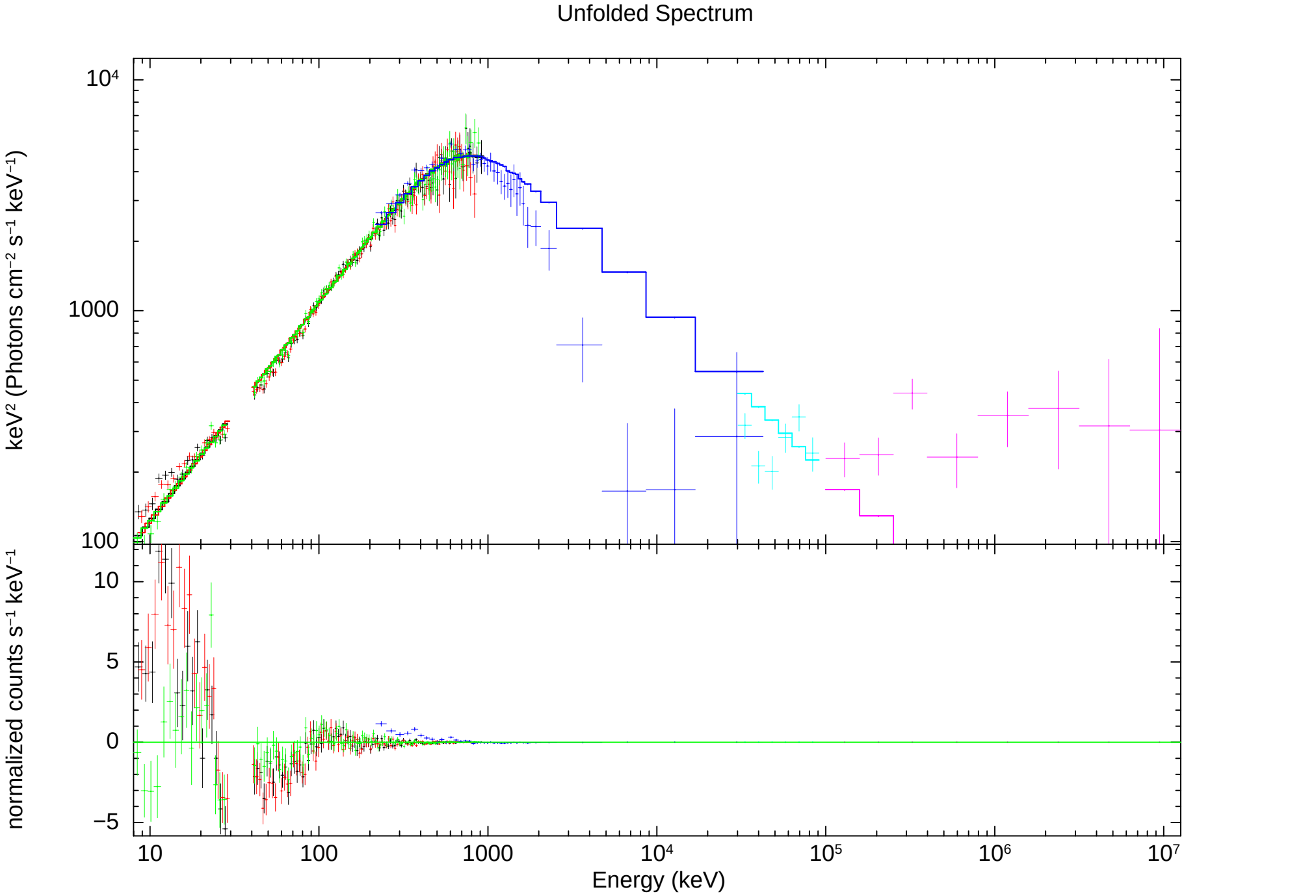

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
residuals
normalized counts s⁻¹ keV⁻¹
10
5
0
−5
10
100
1000
10⁴
10⁵
10⁶
10⁷
Energy (keV)
KimiZ 15−Dec−2016 17:23

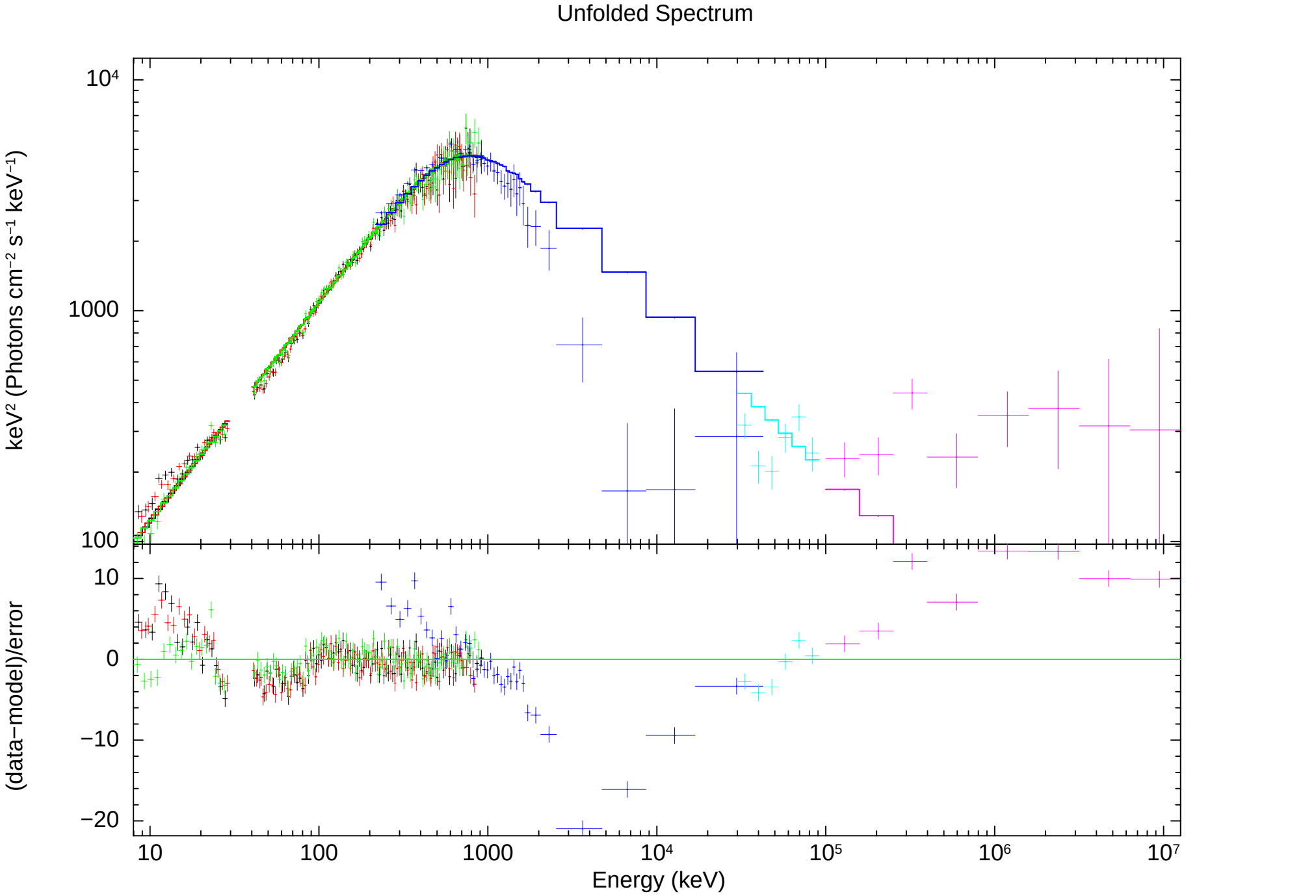

Current Theoretical Model
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
1000
100
10
10
100
1000
10⁴
10⁵
10⁶
10⁷
10⁸
Energy (keV)
Square root of chi−squared for each channel
(data−model)/error
10
0
−10
−20
10
100
1000
10⁴
10⁵
10⁶
10⁷
Energy (keV)
KimiZ 15−Dec−2016 17:23

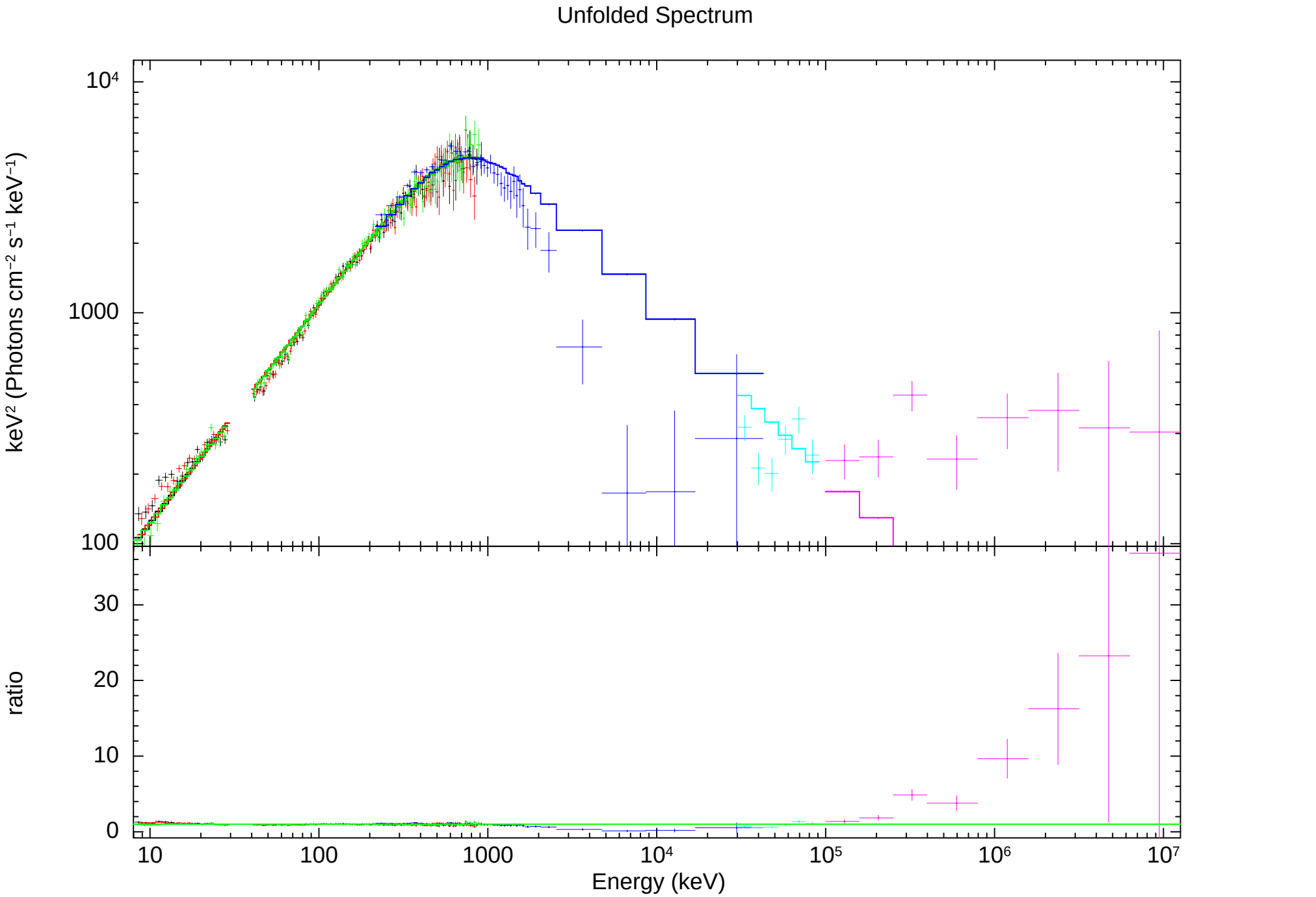

Unfolded Spectrum
Photons cm^{-2} s^{-1} keV^{-1}
1
0.1
0.01
10^{-3}
10^{-4}
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23


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
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23


Unfolded Spectrum
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
10⁴
1000
100
10
100
1000
10⁴
10⁵
10⁶
10⁷
Energy (keV)
KimiZ 15−Dec−2016 17:23


Unfolded Spectrum
10^4
1000
100
keV² (Photons cm⁻² s⁻¹ keV⁻¹)
10
5
0
−5
normalized counts s⁻¹ keV⁻¹
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23


Unfolded Spectrum
10^4
1000
100
keV^2 (Photons cm^{-2} s^{-1} keV^{-1})
10
0
−10
−20
(data−model)/error
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23



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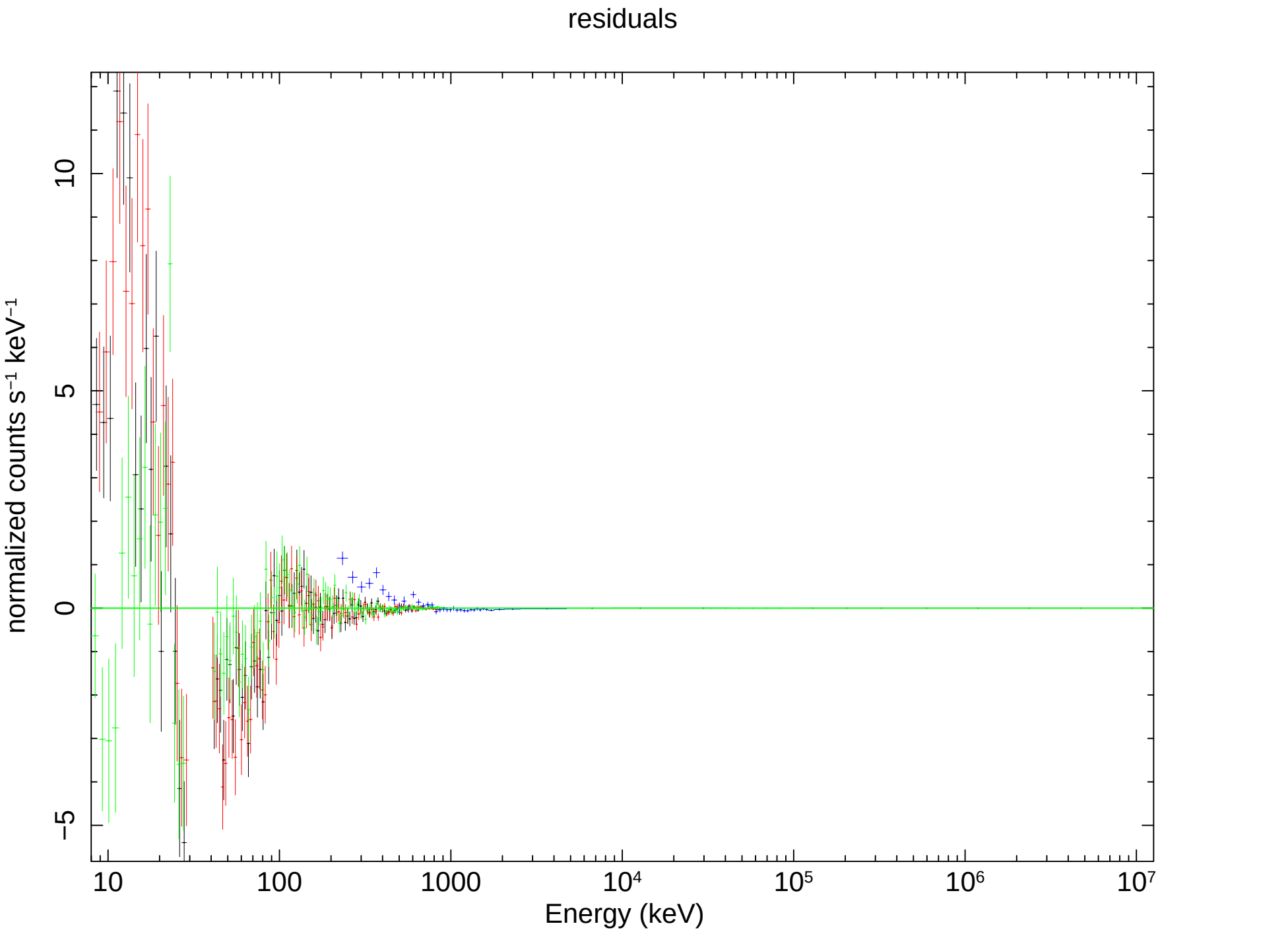
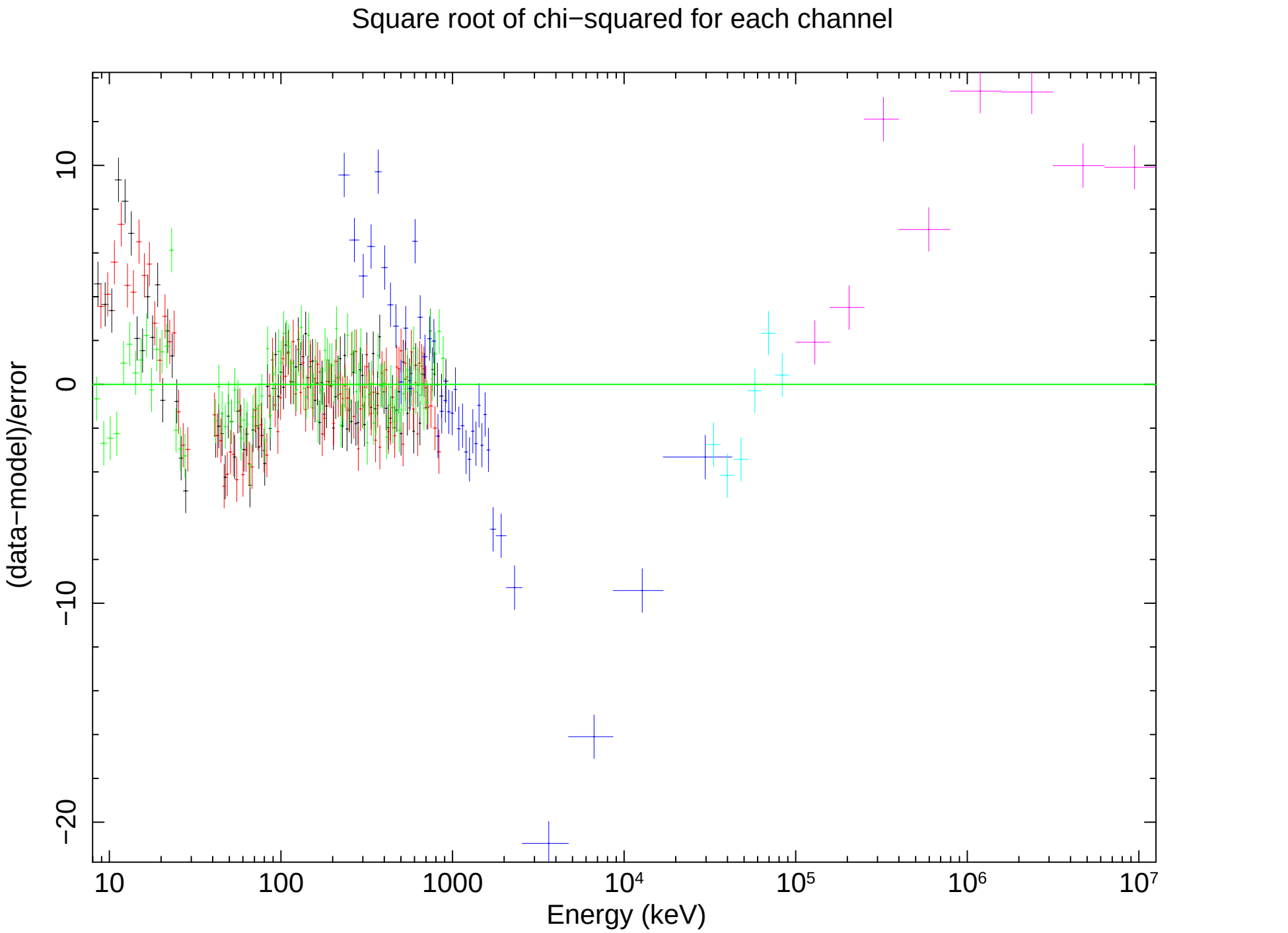
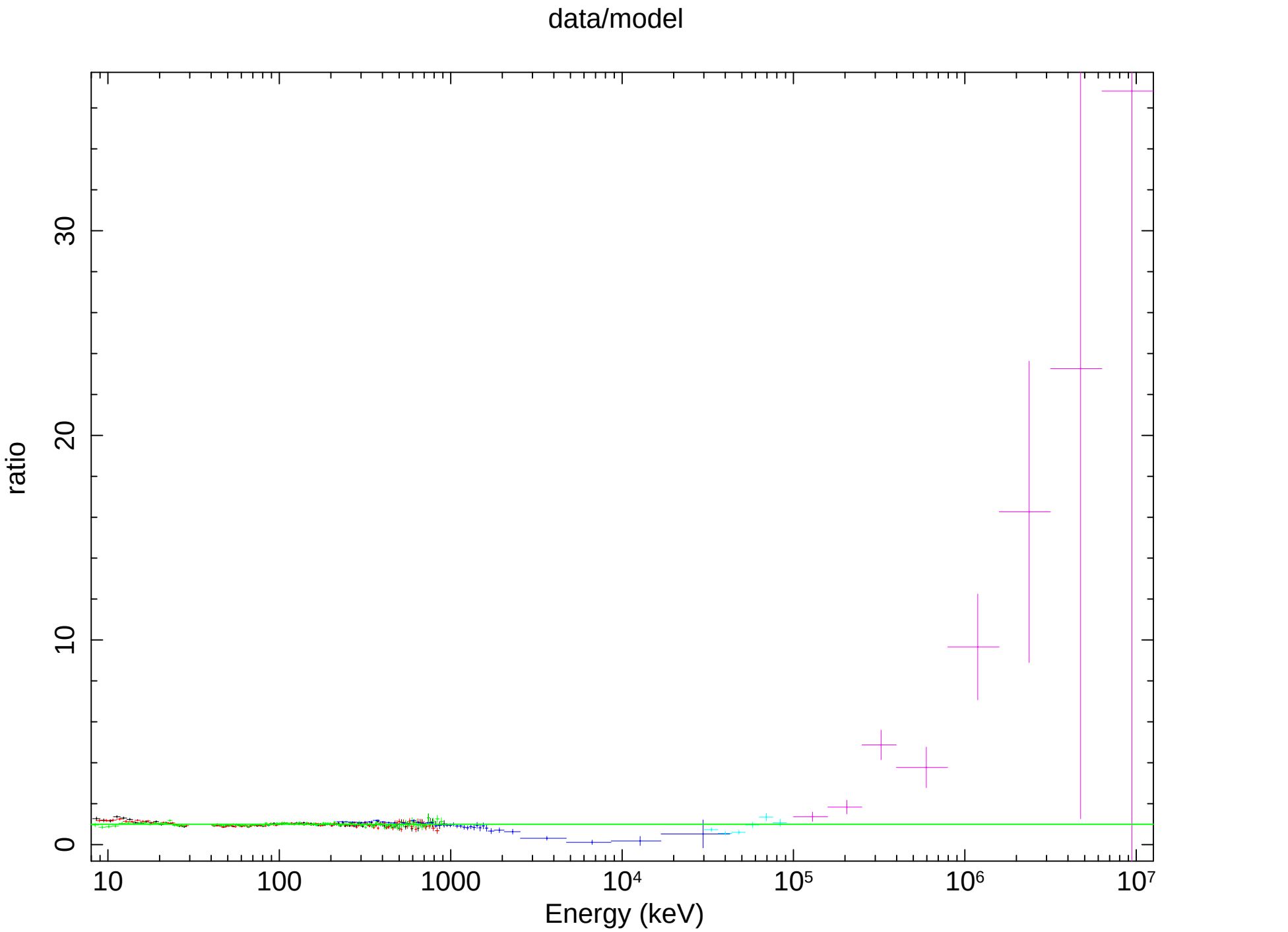

residuals
normalized counts s^{-1} keV^{-1}
10
5
0
−5
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23


Square root of chi−squared for each channel
(data−model)/error
10
0
−10
−20
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23


data/model
ratio
0
10
20
30
10
100
1000
10^4
10^5
10^6
10^7
Energy (keV)
KimiZ 15−Dec−2016 17:23