bn090926181 BXA Auto Runs GBM + LAT

Model	α	β	E_{peak} (keV)	A_1	kT (keV)	A_2	Γ	A_3	$\log(\mathcal{L})$ / BIC / $\mathcal{Z}$	Flux $\times 10^{-5}$ (erg s^{-1}cm^{-2})	Fluence $\times 10^{-4}$ (erg cm^{-2})	E_{iso} $\times 10^{54}$ (erg)
S+B	-0.876	-2.250	250.5	-0.857	99.6	1.208	...	...	-416.79/870.73/-454.26	1.258	1.731	1.930
	$^{+0.010}_{-0.005}$	$^{+0.003}_{-0.016}$	$^{+6.7}_{-2.5}$	$^{+0.005}_{-0.001}$	$^{+6.2}_{-1.5}$	$^{+0.001}_{-0.082}$	...	...		$^{+0.009}_{-0.005}$	$^{+0.012}_{-0.006}$	$^{+0.014}_{-0.007}$
S+B+L	-0.883	-2.274	258.2	-0.853	99.7	1.113	-3.604	-5.441	-420.82/891.15/-461.26	1.263	1.737	1.937
	$^{+0.012}_{-0.004}$	$^{+0.006}_{-0.007}$	$^{+9.1}_{-0.5}$	$^{+0.008}_{-0.002}$	$^{+6.9}_{-3.0}$	$^{+0.028}_{-0.130}$	$^{+2.349}_{-0.448}$	$^{+1.209}_{-7.246}$		$^{+0.016}_{-0.003}$	$^{+0.022}_{-0.005}$	$^{+0.024}_{-0.005}$
S	-0.880	-2.303	288.7	-0.834	...	...	...	...	-446.49/917.75/-473.33	1.303	1.793	1.999
	$^{+0.007}_{-0.007}$	$^{+0.008}_{-0.008}$	$^{+2.9}_{-2.9}$	$^{+0.002}_{-0.002}$	...	...	...	...		$^{+0.006}_{-0.007}$	$^{+0.009}_{-0.010}$	$^{+0.010}_{-0.011}$
S+L	-0.838	-2.314	282.6	-0.839	...	...	-1.929	-2.690	-443.93/925.00/-473.38	1.295	1.782	1.987
	$^{+0.029}_{-0.049}$	$^{+0.020}_{-0.002}$	$^{+8.8}_{-2.4}$	$^{+0.007}_{-0.003}$	...	...	$^{+1.062}_{-1.526}$	$^{+1.894}_{-10.849}$		$^{+0.014}_{-0.000}$	$^{+0.020}_{-0.000}$	$^{+0.022}_{-0.000}$
G+L	-0.589	-2.331	287.1	-0.641	...	...	-1.921	-2.287	-442.62/922.39/-478.30	1.279	1.760	1.963
	$^{+0.013}_{-0.082}$	$^{+0.045}_{-0.017}$	$^{+6.7}_{-2.6}$	$^{+0.009}_{-0.005}$	...	...	$^{+0.042}_{-1.374}$	$^{+0.110}_{-1.581}$		$^{+0.022}_{-0.003}$	$^{+0.031}_{-0.004}$	$^{+0.034}_{-0.004}$
G+B+L	-0.650	-2.295	292.7	-0.646	29.0	-0.337	-2.384	-2.908	-442.65/934.83/-478.72	1.292	1.778	1.982
	$^{+0.019}_{-0.027}$	$^{+0.010}_{-0.006}$	$^{+1.7}_{-7.0}$	$^{+0.014}_{-0.001}$	$^{+135.2}_{-8.1}$	$^{+2.167}_{-11.203}$	$^{+0.009}_{-1.075}$	$^{+0.014}_{-1.118}$		$^{+0.011}_{-0.004}$	$^{+0.016}_{-0.005}$	$^{+0.017}_{-0.006}$
G+B	-0.707	-2.242	244.4	-0.638	100.1	1.245	...	...	-441.03/919.21/-479.91	1.240	1.706	1.902
	$^{+0.008}_{-0.021}$	$^{+0.000}_{-0.022}$	$^{+23.4}_{-0.8}$	$^{+0.005}_{-0.017}$	$^{+5.4}_{-4.1}$	$^{+0.010}_{-0.193}$	...	...		$^{+0.022}_{-0.003}$	$^{+0.031}_{-0.004}$	$^{+0.034}_{-0.005}$
G	-0.726	-2.299	302.1	-0.657	...	...	...	...	-457.74/940.25/-487.08	1.293	1.779	1.984
	$^{+0.008}_{-0.009}$	$^{+0.008}_{-0.009}$	$^{+4.7}_{-3.1}$	$^{+0.004}_{-0.006}$	...	...	...	...		$^{+0.008}_{-0.006}$	$^{+0.011}_{-0.008}$	$^{+0.013}_{-0.009}$
C+B+L	-0.655	...	386.9	-0.807	30.5	0.880	-1.794	-1.971	-480.93/1005.19/-527.86	1.113	1.531	1.707
	$^{+0.003}_{-0.015}$	...	$^{+0.1}_{-7.4}$	$^{+0.017}_{-0.004}$	$^{+0.8}_{-0.7}$	$^{+0.017}_{-0.073}$	$^{+0.010}_{-0.000}$	$^{+0.009}_{-0.032}$		$^{+0.004}_{-0.006}$	$^{+0.006}_{-0.008}$	$^{+0.007}_{-0.009}$
C+L	-0.656	...	332.0	-0.694	...	...	-1.747	-2.124	-555.02/1140.99/-587.10	1.067	1.468	1.637
	$^{+0.019}_{-0.015}$	...	$^{+3.1}_{-4.6}$	$^{+0.006}_{-0.003}$	...	...	$^{+0.012}_{-0.012}$	$^{+0.037}_{-0.039}$		$^{+0.006}_{-0.008}$	$^{+0.008}_{-0.011}$	$^{+0.009}_{-0.012}$
C+B	-0.902	...	430.7	-0.810	36.9	0.950	...	...	-1290.85/2612.66/-1320.66	1.128	1.552	1.730
	$^{+0.017}_{-0.015}$	...	$^{+9.7}_{-13.0}$	$^{+0.014}_{-0.011}$	$^{+1.5}_{-1.1}$	$^{+0.044}_{-0.060}$	...	...		$^{+0.010}_{-0.013}$	$^{+0.013}_{-0.017}$	$^{+0.015}_{-0.019}$
C	-0.778	...	349.3	-0.694	...	...	...	...	-1340.62/2699.81/-1361.99	1.063	1.462	1.630
	$^{+0.006}_{-0.008}$	...	$^{+4.0}_{-3.4}$	$^{+0.004}_{-0.004}$	...	...	...	...		$^{+0.008}_{-0.006}$	$^{+0.011}_{-0.009}$	$^{+0.012}_{-0.010}$

TABLE 1. BXA Auto Runs fit results for bn090926181 using GBM + LAT data.

bn090926181 BXA Original Runs GBM + LAT

Model	α	β	E_{peak} (keV)	A_1	kT (keV)	A_2	Γ	A_3	$\log(\mathcal{L})$ / BIC / $\mathcal{Z}$	Flux $\times 10^{-5}$ (erg s^{-1}cm^{-2})	Fluence $\times 10^{-4}$ (erg cm^{-2})	E_{iso} $\times 10^{54}$ (erg)
S+B	-0.876	-2.235	236.4	-0.870	95.8	1.339	...	...	-413.61/864.37/-448.61	1.236	1.700	1.896
	$^{+0.006}_{-0.013}$	$^{+0.009}_{-0.012}$	$^{+8.9}_{-3.7}$	$^{+0.007}_{-0.005}$	$^{+3.7}_{-2.7}$	$^{+0.029}_{-0.063}$	...	...		$^{+0.013}_{-0.007}$	$^{+0.018}_{-0.009}$	$^{+0.020}_{-0.010}$
S+B+L	-0.883	-2.253	251.4	-0.860	94.9	1.211	-3.455	-4.898	-415.80/881.13/-455.55	1.254	1.725	1.924
	$^{+0.010}_{-0.002}$	$^{+0.002}_{-0.013}$	$^{+6.0}_{-1.2}$	$^{+0.008}_{-0.002}$	$^{+9.1}_{-2.4}$	$^{+0.005}_{-0.073}$	$^{+2.120}_{-0.221}$	$^{+1.541}_{-7.484}$		$^{+0.014}_{-0.002}$	$^{+0.019}_{-0.002}$	$^{+0.021}_{-0.002}$
S	-0.880	-2.302	289.4	-0.834	...	...	...	...	-446.52/917.81/-474.36	1.304	1.794	2.000
	$^{+0.008}_{-0.007}$	$^{+0.008}_{-0.009}$	$^{+2.5}_{-3.6}$	$^{+0.002}_{-0.002}$	...	...	...	...		$^{+0.005}_{-0.009}$	$^{+0.007}_{-0.012}$	$^{+0.008}_{-0.013}$
S+L	-0.862	-2.303	287.0	-0.834	...	...	-3.877	-4.764	-444.44/926.03/-474.76	1.309	1.802	2.009
	$^{+0.005}_{-0.024}$	$^{+0.009}_{-0.009}$	$^{+4.4}_{-2.1}$	$^{+0.002}_{-0.002}$	...	...	$^{+2.914}_{-0.394}$	$^{+0.260}_{-8.650}$		$^{+0.000}_{-0.014}$	$^{+0.000}_{-0.019}$	$^{+0.000}_{-0.021}$
G+B	-0.851	-2.301	363.6	-0.765	39.5	0.877	...	...	-438.01/913.17/-476.60	1.297	1.785	1.990
	$^{+0.028}_{-0.004}$	$^{+0.013}_{-0.004}$	$^{+4.7}_{-19.1}$	$^{+0.025}_{-0.006}$	$^{+2.6}_{-1.1}$	$^{+0.008}_{-0.106}$	...	...		$^{+0.003}_{-0.011}$	$^{+0.005}_{-0.015}$	$^{+0.005}_{-0.016}$
G+L	-0.590	-2.328	287.1	-0.641	...	...	-1.911	-2.287	-442.51/922.16/-478.23	1.281	1.763	1.965
	$^{+0.012}_{-0.083}$	$^{+0.042}_{-0.014}$	$^{+6.7}_{-2.8}$	$^{+0.010}_{-0.005}$	...	...	$^{+0.051}_{-1.406}$	$^{+0.114}_{-1.599}$		$^{+0.021}_{-0.001}$	$^{+0.028}_{-0.001}$	$^{+0.031}_{-0.001}$
G+B+L	-0.644	-2.289	287.4	-0.636	124.9	0.033	-2.837	-3.271	-443.66/936.83/-478.91	1.299	1.787	1.993
	$^{+0.017}_{-0.034}$	$^{+0.004}_{-0.012}$	$^{+7.4}_{-1.8}$	$^{+0.004}_{-0.010}$	$^{+40.1}_{-88.9}$	$^{+2.686}_{-11.884}$	$^{+0.454}_{-0.612}$	$^{+0.406}_{-0.743}$		$^{+0.004}_{-0.011}$	$^{+0.006}_{-0.015}$	$^{+0.007}_{-0.016}$
G	-0.724	-2.298	301.7	-0.657	...	...	...	...	-457.76/940.29/-487.08	1.292	1.778	1.983
	$^{+0.006}_{-0.011}$	$^{+0.008}_{-0.010}$	$^{+5.0}_{-2.6}$	$^{+0.003}_{-0.006}$	...	...	...	...		$^{+0.009}_{-0.005}$	$^{+0.012}_{-0.007}$	$^{+0.013}_{-0.008}$
C+B+L	-0.633	...	353.1	-0.744	30.0	0.566	-1.791	-2.014	-507.00/1057.32/-560.68	1.086	1.494	1.666
	$^{+0.007}_{-0.023}$	...	$^{+1.2}_{-9.8}$	$^{+0.019}_{-0.002}$	$^{+1.0}_{-2.6}$	$^{+0.019}_{-0.165}$	$^{+0.028}_{-0.002}$	$^{+0.028}_{-0.043}$		$^{+0.003}_{-0.009}$	$^{+0.004}_{-0.013}$	$^{+0.004}_{-0.014}$
C+L	-0.652	...	330.7	-0.692	...	...	-1.747	-2.121	-554.99/1140.94/-587.16	1.065	1.466	1.634
	$^{+0.015}_{-0.018}$	...	$^{+4.2}_{-3.4}$	$^{+0.004}_{-0.004}$	...	...	$^{+0.012}_{-0.011}$	$^{+0.031}_{-0.041}$		$^{+0.007}_{-0.006}$	$^{+0.010}_{-0.008}$	$^{+0.011}_{-0.009}$

TABLE 2. BXA Original Runs fit results for bn090926181 using GBM + LAT data.

bn090926181 XSPEC/Error Command GBM + LAT

Model	α	β	E_{peak} (keV)	A_1	kT (keV)	A_2	Γ	A_3	C-Stat / $\log(\mathcal{L})$ / AIC / BIC	Flux $\times 10^{-5}$ (erg $s^{-1}cm^{-2}$)	Fluence $\times 10^{-4}$ (erg cm^{-2})	E_{iso} $\times 10^{54}$ (erg)
G+B+L	-0.684 $^{+0.048}_{-0.052}$	-2.372 $^{+0.029}_{-0.033}$	344.5 $^{+41.6}_{-35.8}$	-0.754 $^{+0.021}_{-0.022}$	32.7 $^{+2.2}_{-2.1}$	0.782 $^{+0.084}_{-0.093}$	-1.878 $^{+0.029}_{-0.039}$	-2.193 $^{+0.082}_{-0.103}$	857.55/-428.78/873.55/907.07	1.285 $^{+0.010}_{-0.010}$	1.768 $^{+0.013}_{-0.013}$	1.971 $^{+0.015}_{-0.015}$
S	-0.880 $^{+0.007}_{-0.007}$	-2.302 $^{+0.008}_{-0.009}$	288.7 $^{+7.8}_{-7.6}$	-0.834 $^{+0.002}_{-0.002}$	... ...	... ...	... ...	... ...	892.97/-446.49/900.97/917.73	1.302 $^{+0.007}_{-0.007}$	1.792 $^{+0.009}_{-0.009}$	1.998 $^{+0.010}_{-0.010}$
G+L	-0.592 $^{+0.027}_{-0.025}$	-2.333 $^{+0.024}_{-0.023}$	287.2 $^{+15.3}_{-13.9}$	-0.641 $^{+0.007}_{-0.007}$	... ...	... ...	-1.904 $^{+0.038}_{-0.067}$	-2.288 $^{+0.071}_{-0.093}$	884.86/-442.43/896.86/922.00	1.278 $^{+0.009}_{-0.009}$	1.759 $^{+0.013}_{-0.013}$	1.961 $^{+0.014}_{-0.014}$
S+L	-0.830 $^{+0.026}_{-0.025}$	-2.325 $^{+0.019}_{-0.019}$	281.2 $^{+15.2}_{-14.3}$	-0.840 $^{+0.003}_{-0.003}$	... ...	... ...	-1.871 $^{+0.065}_{-0.103}$	-2.578 $^{+0.142}_{-0.222}$	886.75/-443.37/898.75/923.89	1.293 $^{+0.009}_{-0.009}$	1.780 $^{+0.012}_{-0.012}$	1.984 $^{+0.014}_{-0.014}$
G+B	-0.647 $^{+0.020}_{-0.023}$	-2.292 $^{+0.008}_{-0.008}$	287.1 $^{+14.3}_{-12.9}$	-0.633 $^{+0.007}_{-0.008}$	3.5 $^{+0.4}_{-0.5}$	-0.162 $^{+0.072}_{-0.102}$	... ...	... ...	887.82/-443.91/899.82/924.96	1.285 $^{+NA}_{-NA}$	1.769 $^{+NA}_{-NA}$	1.972 $^{+NA}_{-NA}$
S+B	-0.942 $^{+0.033}_{-0.030}$	-2.309 $^{+0.010}_{-0.010}$	323.5 $^{+31.1}_{-29.7}$	-0.877 $^{+0.023}_{-0.020}$	32.2 $^{+2.2}_{-2.7}$	0.616 $^{+0.172}_{-0.329}$	... ...	... ...	889.63/-444.81/901.63/926.77	1.310 $^{+0.009}_{-0.009}$	1.802 $^{+0.012}_{-0.012}$	2.010 $^{+0.013}_{-0.013}$
S+B+L	-0.872 $^{+0.056}_{-0.036}$	-2.380 $^{+0.033}_{-0.031}$	319.2 $^{+35.0}_{-37.9}$	-0.902 $^{+0.026}_{-0.014}$	28.3 $^{+2.0}_{-3.2}$	0.677 $^{+0.097}_{-0.247}$	-1.838 $^{+0.037}_{-0.048}$	-2.345 $^{+0.124}_{-0.170}$	879.11/-439.55/895.11/928.63	1.297 $^{+0.011}_{-0.011}$	1.785 $^{+0.015}_{-0.015}$	1.990 $^{+0.017}_{-0.017}$
G	-0.726 $^{+0.009}_{-0.009}$	-2.298 $^{+0.009}_{-0.009}$	302.7 $^{+7.9}_{-7.6}$	-0.658 $^{+0.005}_{-0.005}$	... ...	... ...	... ...	... ...	915.43/-457.72/923.43/940.19	1.294 $^{+0.007}_{-0.007}$	1.781 $^{+0.010}_{-0.010}$	1.985 $^{+0.011}_{-0.011}$
C+B+L	-0.637 $^{+0.037}_{-0.037}$	... ...	399.5 $^{+29.6}_{-26.1}$	-0.832 $^{+0.001}_{-0.000}$	30.6 $^{+1.2}_{-1.1}$	0.945 $^{+0.041}_{-0.042}$	-1.808 $^{+0.011}_{-0.010}$	-1.921 $^{+0.032}_{-0.036}$	957.02/-478.51/971.02/1000.35	1.124 $^{+0.011}_{-0.011}$	1.547 $^{+0.016}_{-0.016}$	1.724 $^{+0.017}_{-0.017}$
C+L	-0.653 $^{+0.017}_{-0.017}$	... ...	331.0 $^{+11.8}_{-11.3}$	-0.693 $^{+0.002}_{-0.002}$	... ...	... ...	-1.747 $^{+0.012}_{-0.011}$	-2.121 $^{+0.035}_{-0.038}$	1109.96/-554.98/1119.96/1140.91	1.066 $^{+0.007}_{-0.007}$	1.467 $^{+0.009}_{-0.009}$	1.635 $^{+0.010}_{-0.010}$

TABLE 3. XSPEC fit results for bn090926181 using GBM + LAT data and errors from the Error command.