

bn091003191 BXA Auto Runs GBM + LAT												
Model	$\alpha$	$\beta$	$E_{peak}$ (keV)	$A_1$	$kT$ (keV)	$A_2$	$\Gamma$	$A_3$	$\log(\mathcal{L})$ / BIC / $\mathcal{Z}$	Flux $\times 10^{-6}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-5}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C+L	-0.997 +0.024 -0.027	...	416.9 +22.4 -24.3	-1.570 +0.013 -0.014	...	...	-1.271 +0.520 -0.303	-5.497 +1.021 -2.124	-123.16/275.70/-144.28	1.775 +0.052 -0.064	3.590 +0.105 -0.129	7.817 +0.229 -0.280
C+B+L	-1.002 +0.027 -0.022	...	418.4 +19.6 -25.1	-1.572 +0.014 -0.013	173.2 +5.3 -138.9	-13.184 +10.501 -1.250	-1.339 +0.601 -0.214	-5.286 +0.739 -2.346	-123.18/287.50/-144.92	1.777 +0.046 -0.063	3.594 +0.093 -0.128	7.826 +0.202 -0.279
G+L	-0.979 +0.007 -0.043	-2.760 +0.304 -6.016	390.3 +45.2 -1.7	-1.561 +0.005 -0.022	...	...	-0.830 +0.263 -0.727	-7.300 +2.708 -1.351	-123.13/281.52/-146.76	1.936 +0.037 -0.213	3.916 +0.074 -0.431	8.526 +0.162 -0.938
G+B+L	-1.000 +0.026 -0.021	-3.063 +0.496 -5.636	412.3 +23.4 -21.6	-1.570 +0.013 -0.013	108.1 +55.2 -71.7	-6.291 +3.261 -5.463	-1.187 +0.471 -0.358	-5.867 +1.276 -2.006	-123.05/293.11/-147.00	1.904 +0.042 -0.181	3.851 +0.086 -0.367	8.385 +0.186 -0.799
S+L	-1.116 +0.024 -0.018	-2.688 +0.099 -0.205	328.2 +17.2 -16.4	-1.675 +0.005 -0.009	...	...	-0.594 +0.819 -1.157	-8.519 +2.470 -4.619	-126.09/287.44/-148.98	1.961 +0.053 -0.103	3.965 +0.107 -0.209	8.634 +0.233 -0.455
S+B+L	-1.117 +0.025 -0.017	-2.730 +0.142 -0.160	330.5 +14.8 -19.0	-1.678 +0.009 -0.005	149.9 +19.2 -115.0	-5.979 +3.289 -5.866	-0.871 +1.050 -1.051	-7.321 +1.251 -5.676	-126.04/299.11/-149.09	1.936 +0.077 -0.074	3.916 +0.156 -0.150	8.527 +0.339 -0.327
S	-1.111 +0.022 -0.018	-2.596 +0.060 -0.079	328.3 +14.7 -17.5	-1.675 +0.007 -0.007	...	...	...	...	-129.63/282.77/-149.59	2.001 +0.046 -0.069	4.047 +0.094 -0.140	8.812 +0.204 -0.305
G	-0.979 +0.019 -0.033	-2.614 +0.067 -0.086	385.5 +29.9 -17.5	-1.557 +0.011 -0.018	...	...	...	...	-127.12/277.75/-149.71	2.001 +0.067 -0.052	4.047 +0.135 -0.105	8.813 +0.293 -0.228
G+B	-0.983 +0.022 -0.030	-2.593 +0.045 -0.108	386.5 +28.2 -18.8	-1.559 +0.012 -0.017	183.5 +14.9 -146.8	-11.129 +8.542 -0.936	...	...	-127.10/289.47/-149.78	2.012 +0.053 -0.064	4.069 +0.108 -0.130	8.860 +0.234 -0.284
S+B	-1.093 +0.007 -0.036	-2.543 +0.008 -0.130	278.5 +64.2 -30.8	-1.678 +0.010 -0.004	158.0 +11.6 -123.6	0.291 +3.002 -12.101	...	...	-128.85/292.97/-150.04	1.954 +0.096 -0.020	3.951 +0.194 -0.040	8.603 +0.423 -0.086
C	-1.001 +0.027 -0.025	...	415.2 +25.5 -22.5	-1.571 +0.014 -0.013	...	...	...	...	-137.77/293.18/-154.58	1.763 +0.063 -0.053	3.565 +0.127 -0.106	7.763 +0.277 -0.231
C+B	-1.008 +0.032 -0.018	...	426.3 +13.8 -32.6	-1.578 +0.021 -0.006	20.0 +146.5 -13.4	-1.482 +1.225 -10.480	...	...	-137.72/304.83/-154.58	1.785 +0.040 -0.075	3.610 +0.081 -0.151	7.861 +0.177 -0.330

TABLE 1. BXA Auto Runs fit results for bn091003191 using GBM + LAT data.

bn091003191 BXA Original Runs GBM + LAT												
Model	$\alpha$	$\beta$	$E_{peak}$ (keV)	$A_1$	$kT$ (keV)	$A_2$	$\Gamma$	$A_3$	$\log(\mathcal{L})$ / BIC / $\mathcal{Z}$	Flux $\times 10^{-6}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-5}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C+B+L	-0.996 +0.022 -0.027	... ... ...	412.1 +25.4 -18.7	-1.569 +0.011 -0.015	194.5 +26.6 -161.2	-6.862 +4.063 -5.111	-1.177 +0.421 -0.378	-5.854 +1.330 -1.751	-123.14/287.43/-144.50	1.759 +0.063 -0.046	3.557 +0.128 -0.093	7.744 +0.280 -0.203
C+L	-0.997 +0.024 -0.026	... ... ...	411.1 +28.7 -18.5	-1.569 +0.011 -0.016	... ... ...	... ... ...	-1.357 +0.618 -0.220	-5.160 +0.709 -2.492	-123.13/275.65/-144.54	1.758 +0.069 -0.046	3.555 +0.139 -0.092	7.741 +0.302 -0.200
G+L	-0.980 +0.009 -0.040	-2.775 +0.197 -5.942	389.8 +46.2 -2.4	-1.558 +0.002 -0.025	... ... ...	... ... ...	-0.833 +0.265 -0.750	-7.486 +2.906 -1.340	-123.08/281.42/-146.76	1.943 +0.034 -0.217	3.930 +0.069 -0.438	8.557 +0.150 -0.954
G+B+L	-0.991 +0.016 -0.030	-3.783 +0.056 -5.015	405.9 +30.4 -13.3	-1.567 +0.009 -0.016	36.9 +132.2 -0.5	-12.193 +9.142 -0.375	-1.365 +0.606 -0.190	-5.123 +0.587 -2.514	-123.16/293.33/-147.19	1.791 +0.065 -0.069	3.623 +0.131 -0.140	7.889 +0.286 -0.304
S+B+L	-1.136 +0.044 -0.002	-2.748 +0.160 -0.136	342.6 +2.3 -29.9	-1.688 +0.019 -0.005	19.2 +150.8 -15.7	-0.865 +1.794 -11.003	0.035 +0.192 -1.815	-11.314 +5.188 -1.819	-125.65/298.31/-149.52	1.939 +0.074 -0.074	3.922 +0.149 -0.150	8.540 +0.324 -0.327
G	-0.978 +0.020 -0.034	-2.612 +0.063 -0.089	385.2 +28.8 -17.0	-1.557 +0.011 -0.018	... ... ...	... ... ...	... ... ...	... ... ...	-127.12/277.75/-149.63	2.001 +0.063 -0.051	4.046 +0.128 -0.103	8.811 +0.278 -0.223
S+L	-1.107 +0.016 -0.026	-2.688 +0.103 -0.200	326.2 +19.4 -14.0	-1.677 +0.008 -0.007	... ... ...	... ... ...	-0.214 +0.394 -1.553	-10.129 +4.002 -2.877	-126.10/287.48/-150.12	1.946 +0.068 -0.082	3.936 +0.137 -0.166	8.571 +0.297 -0.362
G+B	-0.986 +0.026 -0.026	-2.598 +0.052 -0.101	391.4 +22.5 -24.0	-1.562 +0.015 -0.013	155.4 +13.7 -122.2	-10.382 +7.792 -1.301	... ... ...	... ... ...	-127.12/289.50/-150.15	2.018 +0.048 -0.069	4.080 +0.098 -0.139	8.884 +0.213 -0.302
S+B	-1.106 +0.019 -0.023	-2.581 +0.046 -0.094	327.4 +16.0 -17.7	-1.679 +0.011 -0.003	14.8 +155.4 -18.4	-0.901 +1.915 -11.169	... ... ...	... ... ...	-129.01/293.29/-150.34	1.999 +0.051 -0.065	4.043 +0.103 -0.131	8.803 +0.224 -0.286
S	-1.109 +0.022 -0.020	-2.588 +0.049 -0.088	324.7 +18.0 -13.9	-1.675 +0.007 -0.007	... ... ...	... ... ...	... ... ...	... ... ...	-129.61/282.72/-150.97	1.993 +0.053 -0.059	4.030 +0.108 -0.119	8.774 +0.235 -0.259

TABLE 2. BXA Original Runs fit results for bn091003191 using GBM + LAT data.

bn091003191 XSPEC/Error Command GBM + LAT												
Model	$\alpha$	$\beta$	$E_{peak}$ (keV)	$A_1$	$kT$ (keV)	$A_2$	$\Gamma$	$A_3$	C-Stat / $\log(\mathcal{L})$ / AIC / BIC	Flux $\times 10^{-6}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-5}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C+L	-0.998 +0.025 -0.024	...	413.5 +44.2 -39.1	-1.570 +0.011 -0.011	...	...	-1.278 +0.399 -0.392	-5.462 +1.394 -1.535	246.20/-123.10/256.20/275.58	1.763 +0.056 -0.056	3.565 +0.113 -0.113	7.762 +0.247 -0.247
G	-0.984 +0.027 -0.026	-2.604 +0.066 -0.078	387.7 +44.8 -39.6	-1.560 +0.015 -0.014	...	...	...	...	254.17/-127.09/262.17/277.69	2.007 +0.057 -0.057	4.059 +0.116 -0.116	8.838 +0.253 -0.253
G+L	-0.989 +0.027 -0.027	-2.844 +0.195 -NA	397.2 +53.9 -41.4	-1.564 +0.015 -0.016	...	...	-1.005 +0.741 -0.581	-6.619 +2.249 -NA	245.73/-122.87/257.73/281.00	1.928 +0.117 -0.117	3.898 +0.237 -0.237	8.488 +0.517 -0.517
S	-1.107 +0.021 -0.020	-2.588 +0.062 -0.072	324.3 +41.5 -36.8	-1.674 +0.007 -0.007	...	...	...	...	259.19/-129.60/267.19/282.70	1.994 +0.055 -0.055	4.033 +0.112 -0.112	8.781 +0.243 -0.243
C+B+L	-1.017 +0.034 -0.043	...	441.4 +86.0 -64.9	-1.594 +0.029 -0.018	25.0 +39.1 -12.7	-0.608 +0.388 -8.405	-1.274 +0.390 -0.404	-5.482 +1.450 -1.515	245.23/-122.62/259.23/286.38	1.802 +0.078 -0.078	3.644 +0.157 -0.157	7.935 +0.342 -0.342
S+L	-1.112 +0.022 -0.021	-2.703 +0.104 -0.194	326.3 +62.2 -54.4	-1.676 +0.007 -0.007	...	...	-0.678 +0.431 -0.702	-8.055 +2.827 -NA	251.81/-125.90/263.81/287.07	1.942 +0.087 -0.087	3.928 +0.176 -0.176	8.552 +0.383 -0.383
S+B	-1.061 +0.028 -0.034	-2.452 +0.041 -0.045	179.7 +26.5 -27.9	-1.707 +0.009 -0.014	122.3 +17.2 -13.1	0.813 +0.035 -0.042	...	...	253.03/-126.51/265.03/288.29	1.851 +0.064 -0.064	3.743 +0.130 -0.130	8.149 +0.283 -0.283
G+B	-0.975 +0.029 -0.028	-2.602 +0.066 -0.075	383.3 +46.5 -40.4	-1.557 +0.015 -0.015	1.0 +8.1 -NA	-0.119 +0.328 -NA	...	...	253.41/-126.70/265.41/288.68	2.013 +NA -NA	4.072 +NA -NA	8.867 +NA -NA
S+B+L	-1.152 +0.035 -0.035	-3.042 +0.324 -0.816	394.1 +208.7 -137.1	-1.727 +0.023 -0.023	24.3 +4.3 -4.5	-0.160 +0.169 -0.230	-1.188 +0.930 -0.434	-5.845 +1.603 -4.555	244.45/-122.23/260.45/291.48	1.916 +0.138 -0.138	3.875 +0.279 -0.279	8.437 +0.609 -0.609
G+B+L	-0.981 +0.029 -0.028	-2.837 +0.190 -NA	393.2 +52.4 -42.6	-1.561 +0.015 -0.015	1.0 +1.1 -NA	-0.141 +0.340 -NA	-1.009 +0.452 -0.560	-6.607 +2.169 -NA	245.05/-122.52/261.05/292.07	1.935 +NA -NA	3.913 +NA -NA	8.521 +NA -NA

TABLE 3. XSPEC fit results for bn091003191 using GBM + LAT data and errors from the Error command.