

bn091208410 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 $\times 10^{-7}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-6}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C+B	-1.257 +0.023 -0.160	...	100.9 +49.3 -14.2	-1.729 +0.030 -0.141	158.0 +8.0 -122.3	0.067 +2.841 -11.934	...	...	-115.12/259.52/-130.06	5.200 +0.081 -0.638	6.490 +0.101 -0.797	1.987 +0.031 -0.244
C	-1.324 +0.052 -0.093	...	124.4 +24.5 -9.7	-1.793 +0.041 -0.076	...	...	...	...	-115.74/249.04/-130.60	4.727 +0.379 -0.179	5.899 +0.473 -0.224	1.806 +0.145 -0.069
C+L	-1.326 +0.052 -0.088	...	126.5 +22.1 -11.4	-1.799 +0.045 -0.067	...	...	0.799 +1.049 -4.048	-12.476 +5.560 -1.141	-115.19/259.65/-131.03	4.731 +0.368 -0.170	5.904 +0.459 -0.213	1.808 +0.140 -0.065
C+B+L	-1.326 +0.020 -0.105	...	125.5 +28.4 -6.2	-1.798 +0.016 -0.083	26.7 +141.3 -12.3	-11.786 +8.693 -0.154	-0.227 +0.103 -2.976	-8.342 +1.517 -5.059	-115.17/271.33/-131.31	4.722 +0.453 -0.090	5.893 +0.566 -0.113	1.804 +0.173 -0.034
S+L	-1.313 +0.049 -0.221	-2.217 +0.080 -1.849	87.7 +50.0 -6.6	-2.058 +0.048 -0.006	...	...	-1.248 +1.014 -1.963	-9.296 +2.250 -4.449	-115.36/265.85/-132.05	6.503 +0.172 -1.788	8.116 +0.215 -2.232	2.485 +0.066 -0.683
S	-1.311 +0.024 -0.221	-2.192 +0.060 -1.822	89.9 +47.5 -1.2	-2.055 +0.043 -0.001	...	...	...	...	-115.41/254.23/-132.19	6.693 +0.247 -1.944	8.353 +0.308 -2.426	2.557 +0.094 -0.743
S+B	-1.345 +0.059 -0.191	-2.234 +0.113 -1.941	92.2 +48.2 -7.6	-2.050 +0.040 -0.001	131.5 +38.0 -96.8	-13.915 +11.241 -2.105	...	...	-115.42/265.98/-132.25	6.526 +0.318 -1.818	8.144 +0.397 -2.269	2.493 +0.122 -0.695
G+B	-1.260 +0.032 -0.162	-2.258 +1.113 -6.527	103.2 +46.8 -12.4	-1.730 +0.036 -0.143	161.6 +6.9 -126.4	-11.714 +8.912 -0.007	...	...	-114.90/264.93/-132.58	6.352 +1.047 -1.734	7.927 +1.307 -2.164	2.427 +0.400 -0.662
G	-1.267 +0.001 -0.147	-2.354 +0.652 -6.255	106.0 +42.5 -5.5	-1.737 +0.009 -0.130	...	...	...	...	-114.87/253.17/-132.65	6.012 +0.642 -1.427	7.503 +0.801 -1.781	2.297 +0.245 -0.545
G+L	-1.293 +0.015 -0.117	-2.568 +0.433 -6.012	116.0 +32.6 -2.1	-1.762 +0.005 -0.106	...	...	-0.734 +0.435 -2.484	-6.573 +0.384 -6.936	-114.94/265.02/-132.84	5.640 +0.246 -1.020	7.039 +0.307 -1.273	2.155 +0.094 -0.390
S+B+L	-1.377 +0.052 -0.168	-2.301 +0.156 -1.987	96.5 +46.4 -7.3	-2.043 +0.034 -0.001	165.5 +2.9 -128.5	-5.584 +2.618 -6.149	-2.985 +2.649 -0.147	-12.280 +5.350 -1.263	-115.55/277.94/-133.26	6.285 +0.317 -1.596	7.844 +0.396 -1.992	2.401 +0.121 -0.610
G+B+L	-1.336 +0.032 -0.133	-5.494 +1.840 -2.639	124.8 +43.7 -4.7	-1.801 +0.028 -0.110	128.9 +34.1 -88.0	-7.813 +2.835 -4.032	-1.066 +0.880 -1.878	-5.812 +1.719 -7.333	-115.20/277.24/-134.99	4.749 +0.702 -0.057	5.926 +0.876 -0.071	1.814 +0.268 -0.022

TABLE 1. BXA Auto Runs fit results for bn091208410 using GBM + LAT data.

bn091208410 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 $\times 10^{-7}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-6}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C+L	-1.338 +0.059 -0.078	... ... ...	129.3 +19.6 -13.0	-1.809 +0.049 -0.062	... ... ...	... ... ...	0.467 +0.656 -3.621	-10.677 +3.735 -2.845	-115.23/259.74/-129.74	4.783 +0.339 -0.223	5.969 +0.422 -0.279	1.827 +0.129 -0.085
C	-1.327 +0.054 -0.090	... ... ...	126.4 +23.0 -12.3	-1.798 +0.044 -0.070	... ... ...	... ... ...	... ... ...	... ... ...	-115.74/249.06/-130.62	4.747 +0.359 -0.214	5.924 +0.448 -0.267	1.814 +0.137 -0.082
C+B	-1.303 +0.017 -0.119	... ... ...	113.4 +37.7 -2.7	-1.777 +0.013 -0.097	144.2 +22.3 -110.3	-0.175 +2.780 -11.875	... ... ...	... ... ...	-115.49/260.25/-130.92	4.997 +0.141 -0.427	6.236 +0.176 -0.533	1.909 +0.054 -0.163
C+B+L	-1.285 +0.006 -0.139	... ... ...	118.6 +33.8 -1.7	-1.768 +0.002 -0.109	183.5 +16.5 -149.2	-0.280 +2.727 -11.464	-0.579 +0.307 -2.524	-7.060 +0.067 -6.490	-115.08/271.15/-131.54	5.013 +0.135 -0.418	6.256 +0.168 -0.522	1.915 +0.052 -0.160
G	-1.268 +0.012 -0.138	-2.372 +0.487 -6.213	111.1 +34.9 -0.5	-1.743 +0.007 -0.118	... ... ...	... ... ...	... ... ...	... ... ...	-115.02/253.46/-132.56	6.074 +0.621 -1.492	7.581 +0.775 -1.862	2.321 +0.237 -0.570
S+B+L	-1.334 +0.073 -0.205	-2.187 +0.192 -2.001	91.2 +49.6 -8.6	-2.059 +0.048 -0.011	104.9 +62.0 -69.8	-2.648 +0.318 -9.152	-3.234 +2.890 -0.009	-13.480 +6.455 -0.057	-115.46/277.75/-132.62	6.693 +0.568 -1.968	8.353 +0.709 -2.457	2.557 +0.217 -0.752
G+B	-1.241 +0.030 -0.173	-2.344 +0.778 -6.301	104.4 +43.9 -8.4	-1.717 +0.031 -0.150	170.3 +0.7 -132.9	-13.031 +10.176 -1.312	... ... ...	... ... ...	-114.91/264.95/-132.72	6.063 +0.714 -1.454	7.566 +0.892 -1.814	2.316 +0.273 -0.555
S+B	-1.280 +0.107 -0.259	-2.207 +0.124 -1.968	85.2 +55.5 -11.6	-2.061 +0.050 -0.012	73.3 +88.7 -41.4	-12.721 +9.728 -0.902	... ... ...	... ... ...	-115.37/265.86/-132.76	6.502 +0.241 -1.790	8.114 +0.300 -2.234	2.484 +0.092 -0.684
S	-1.295 +0.043 -0.248	-2.205 +0.048 -3.700	85.9 +60.6 -5.8	-2.060 +0.051 -0.005	... ... ...	... ... ...	... ... ...	... ... ...	-115.35/254.13/-132.80	6.541 +0.108 -1.976	8.163 +0.135 -2.466	2.499 +0.041 -0.755
G+L	-1.299 +0.005 -0.128	-2.591 +0.626 -5.813	121.8 +31.0 -2.8	-1.774 +0.005 -0.104	... ... ...	... ... ...	0.951 +1.147 -3.998	-13.177 +6.251 -0.245	-114.98/265.10/-133.11	5.664 +0.293 -0.997	7.068 +0.366 -1.244	2.164 +0.112 -0.381
S+L	-1.308 +0.103 -0.241	-2.229 +0.165 -4.138	85.2 +64.5 -16.3	-2.062 +0.054 -0.016	... ... ...	... ... ...	-2.138 +1.867 -1.047	-7.039 +0.194 -6.610	-115.43/265.98/-133.77	6.392 +0.360 -1.879	7.977 +0.450 -2.346	2.442 +0.138 -0.718
G+B+L	-1.301 +0.020 -0.137	-2.403 +1.288 -6.245	117.1 +37.7 -4.6	-1.775 +0.019 -0.112	43.0 +124.8 -4.3	-3.480 +0.539 -7.872	-0.116 +0.537 -3.057	-12.065 +4.977 -1.185	-115.04/276.91/-134.43	5.988 +0.662 -1.295	7.473 +0.826 -1.617	2.288 +0.253 -0.495

TABLE 2. BXA Original Runs fit results for bn091208410 using GBM + LAT data.

bn091208410 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 $\times 10^{-7}$ (erg s $^{-1}$ cm $^{-2}$ )	Fluence $\times 10^{-6}$ (erg cm $^{-2}$ )	$E_{iso} \times 10^{52}$ (erg)
C	-1.324 +0.073 -0.070	...	124.8 +48.7 -33.3	-1.794 +0.053 -0.056	...	...	...	...	231.47/-115.73/237.47/249.03	4.731 +0.255 -0.255	5.905 +0.319 -0.319	1.808 +0.098 -0.098
G	-1.255 +0.129 -0.100	-2.310 +0.160 -0.536	104.3 +65.4 -40.9	-1.728 +0.118 -0.087	...	...	...	...	229.69/-114.84/237.69/253.11	6.145 +0.645 -0.645	7.669 +0.805 -0.805	2.348 +0.247 -0.247
S	-1.279 +0.291 -0.160	-2.192 +0.120 -0.239	85.8 +141.8 -48.8	-2.060 +0.028 -0.025	...	...	...	...	230.68/-115.34/238.68/254.10	6.604 +0.605 -0.605	8.241 +0.755 -0.755	2.523 +0.231 -0.231
C+B	-1.129 +0.218 -0.157	...	140.2 +100.2 -54.7	-1.765 +0.075 -0.096	6.4 +1.7 -1.1	-0.371 +0.165 -0.111	...	...	225.89/-112.94/235.89/255.16	4.684 +NA -NA	5.846 +NA -NA	1.790 +NA -NA
C+L	-1.324 +0.020 -0.019	...	124.8 +11.6 -8.2	-1.794 +0.014 -0.017	...	...	0.254 +0.121 -0.389	-10.002 +0.001 -NA	230.29/-115.14/240.29/259.56	4.731 +0.287 -0.287	5.905 +0.359 -0.359	1.808 +0.110 -0.110
G+B	-1.000 +0.487 -0.239	-2.375 +0.187 -0.830	118.2 +157.9 -67.1	-1.669 +0.284 -0.149	5.8 +1.8 -1.0	-0.356 +0.203 -0.268	...	...	224.62/-112.31/236.62/259.75	5.948 +NA -NA	7.423 +NA -NA	2.272 +NA -NA
S+B	-1.130 +0.939 -0.244	-2.413 +0.209 -0.908	111.5 +256.0 -72.9	-2.037 +0.024 -0.022	5.8 +1.9 -1.1	-0.296 +0.238 -0.233	...	...	224.84/-112.42/236.84/259.97	5.939 +NA -NA	7.412 +NA -NA	2.269 +NA -NA
G+L	-1.277 +NA -NA	-2.473 +NA -NA	110.6 +NA -NA	-1.750 +NA -NA	...	...	-0.422 +NA -NA	-7.875 +NA -NA	229.37/-114.68/241.37/264.50	5.707 +0.957 -0.957	7.123 +1.195 -1.195	2.181 +0.366 -0.366
C+B+L	-0.938 +NA -NA	... +NA -NA	135.3 +NA -NA	-1.733 +NA -NA	6.5 +NA -NA	-0.318 +NA -NA	-1.889 +NA -NA	-3.076 +NA -NA	224.76/-112.38/238.76/265.75	4.996 +NA -NA	6.235 +NA -NA	1.909 +NA -NA
S+L	-1.292 +NA -NA	-2.191 +NA -NA	87.2 +NA -NA	-2.059 +NA -NA	...	...	-2.737 +NA -NA	-8.313 +NA -NA	230.69/-115.35/242.69/265.82	6.628 +2.014 -2.014	8.271 +2.514 -2.514	2.532 +0.770 -0.770
S+B+L	-1.223 +NA -NA	-2.656 +NA -NA	119.2 +NA -NA	-2.031 +NA -NA	6.3 +NA -NA	-0.298 +NA -NA	-0.720 +NA -NA	-6.857 +NA -NA	224.16/-112.08/240.16/271.00	5.470 +NA -NA	6.826 +NA -NA	2.090 +NA -NA
G+B+L	-1.101 +NA -NA	-7.953 +NA -NA	199.6 +NA -NA	-2.239 +NA -NA	17.6 +NA -NA	-0.186 +NA -NA	-1.906 +NA -NA	-2.463 +NA -NA	242.95/-121.47/258.95/289.79	6.540 +5.985 -5.985	8.161 +7.470 -7.470	2.499 +2.287 -2.287

TABLE 3. XSPEC fit results for bn091208410 using GBM + LAT data and errors from the Error command.