

Time Interval	Process	Energy [erg]	Momentum [g cm s <sup>-1</sup> ]
29-Mar-2014 17:46:18 to 17:46:34	Full Disc Spec 10 - 90 keV HXR	4.80e+30	2.48e+23
	North Ribbon Img Spec 10 - 90 keV HXR	4.06e+28	2.10e+21
	South Ribbon Img Spec 10 - 90 keV HXR	1.19e+29	6.16e+21
	North Ribbon Radiative Backwarming	6.05E+25	2.02E+15
	South Ribbon Radiative Backwarming QK Location 1	8.81E+26	2.94E+16
29-Mar-2014 17:46:50 to 17:47:06	South Ribbon Radiative Backwarming QK Location 2	5.63E+26	1.88E+16
	Full Disc Spec 10 - 90 keV HXR	4.09e+30	2.11e+23
	North Ribbon Img Spec 10 - 90 keV HXR	3.76e+28	1.94e+21
	South Ribbon Img Spec 10 - 90 keV HXR	1.07e+29	5.52e+21
	North Ribbon Radiative Backwarming	6.05E+25	2.02E+15
29-Mar-2014 17:47:06 to 17:47:22	South Ribbon Radiative Backwarming QK Location 1	8.81E+26	2.94E+16
	South Ribbon Radiative Backwarming QK Location 2	5.63E+26	1.88E+16
	Full Disc Spec 10 - 90 keV HXR	4.58e+30	2.36e+23
	North Ribbon Img Spec 10 - 90 keV HXR	2.34e+28	1.21e+21
	South Ribbon Img Spec 10 - 90 keV HXR	1.72e+29	8.86e+21
29 Mar 2014 17:46	North Ribbon Radiative Backwarming	4.80E+25	1.60E+15
	South Ribbon Radiative Backwarming QK Location 1	2.78E+26	9.28E+15
	South Ribbon Radiative Backwarming QK Location 2	3.33E+26	1.11E+16
	Sunquake	1.30E+26	6.02E+22

Table 1: Energy and momentum values calculated for full disc nonthermal hard x-rays associated with electron beams; nonthermal hard x-rays associated with electron beams for each footprint; radiative backwarming over the sunquake areas and in the northern ribbon; the sunquake. QK locations 1 and 2 refer to coordinates 518.5, 264.0 and 519.0, 262.0 respectively. These coordinates are quoted by Judge et al 2014 and Matthews et al 2015.