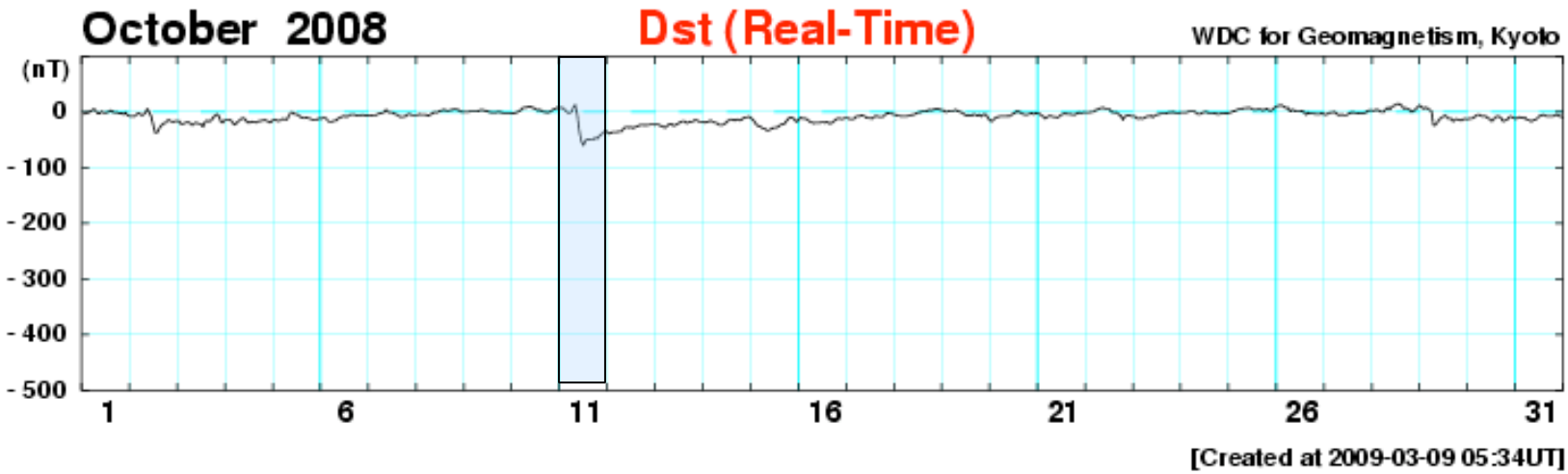
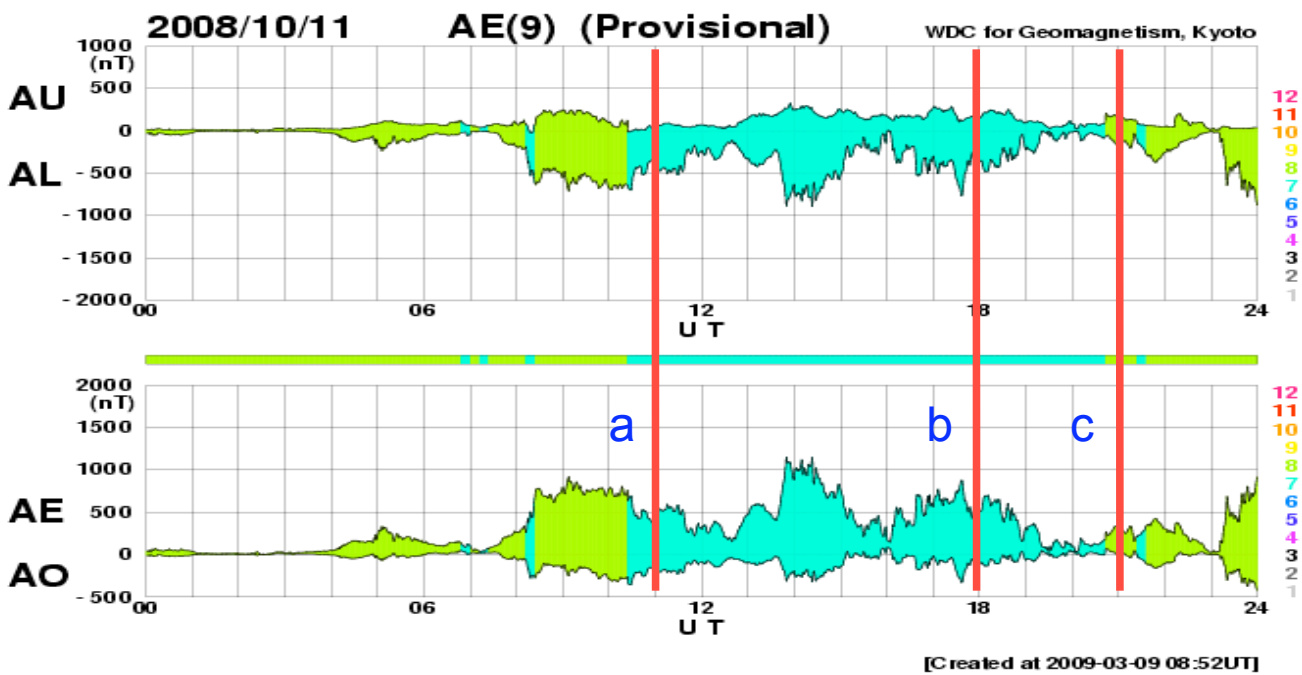


UT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
day11	8	7	3	-1	-2	0	8	13	-6	-34	-52	-60	-52	-49	-49	-50	-50	-46	-48	-43	-40	-38	-34	-36

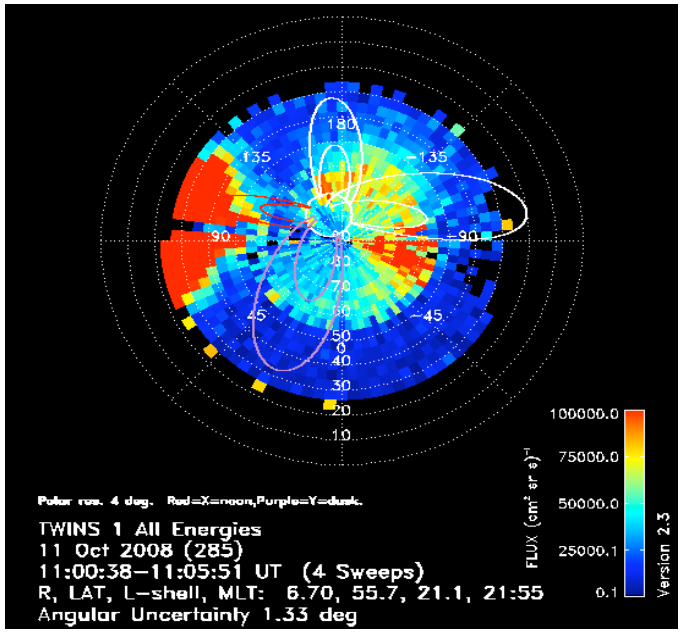
a: 11 UT; TW1,TW2
b: 18 UT; TW2
c: 21 UT; TW1,TW2



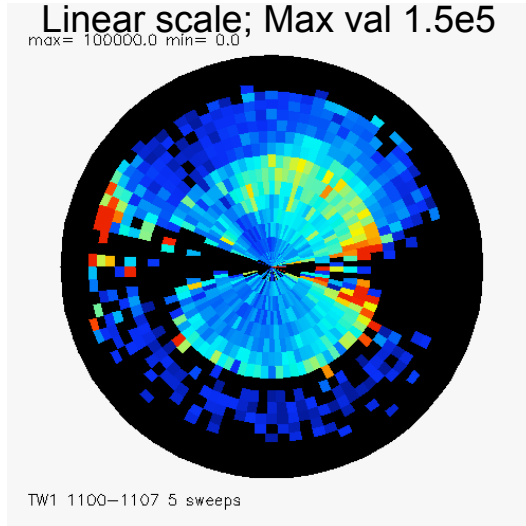
TWINS 1; October 11 2008; UT ~11; near main phase of the storm

a

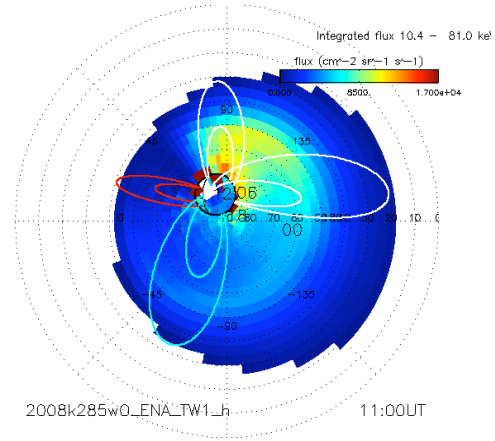
'All energies' image from the web-site
Linear scale; Max val 1.5e+5



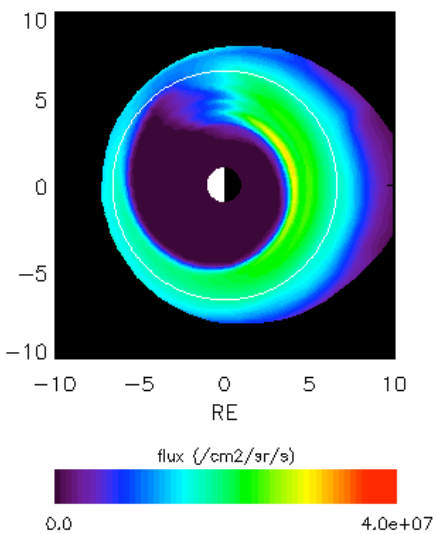
Downloaded from the site data (differential flux) and integrated numerically over 10-70 keV
Linear scale; Max val 1.5e5



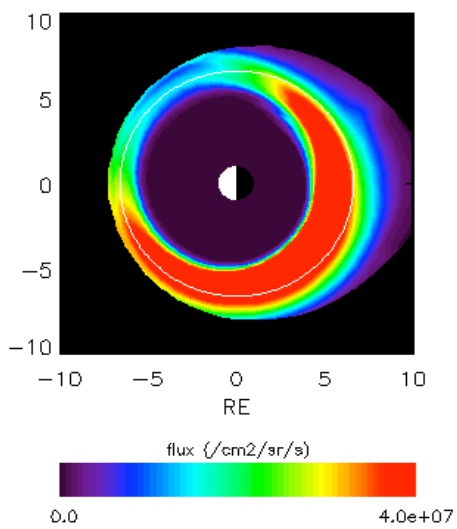
CRCM ENAs integrated over 10-80keV
linear scale max val 1.7e+4



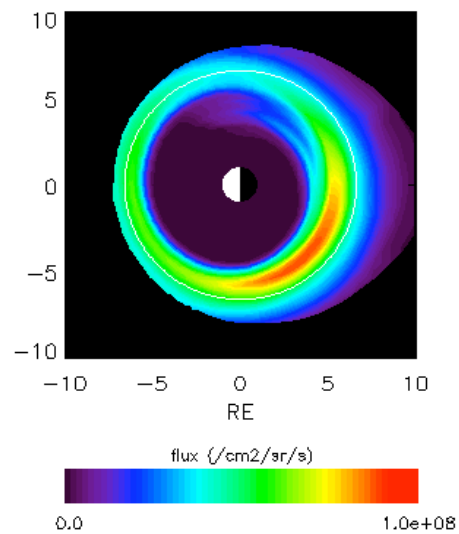
CRCM flux 10-25keV
October, 11 2008 12:00



25-80keV
October, 11 2008 11:00



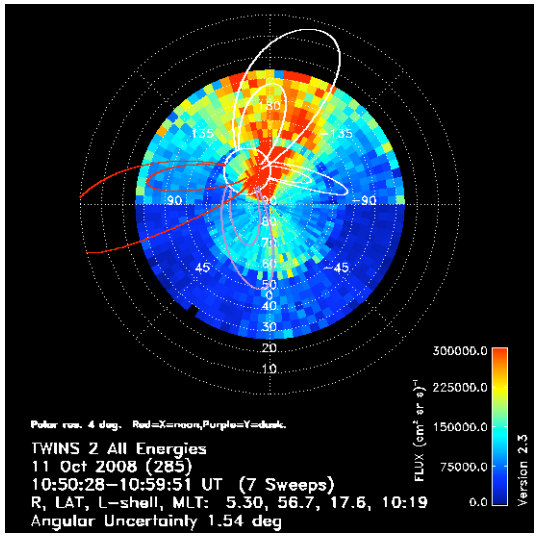
10-80keV
October, 11 2008 12:00



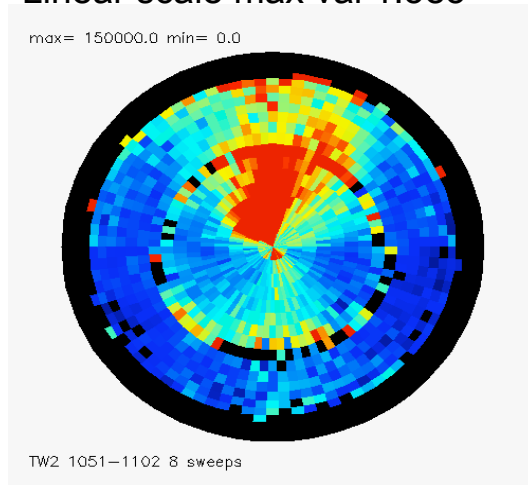
TWINS 2; October 11 2008; UT ~11; near main phase of the storm, LAE signature

a

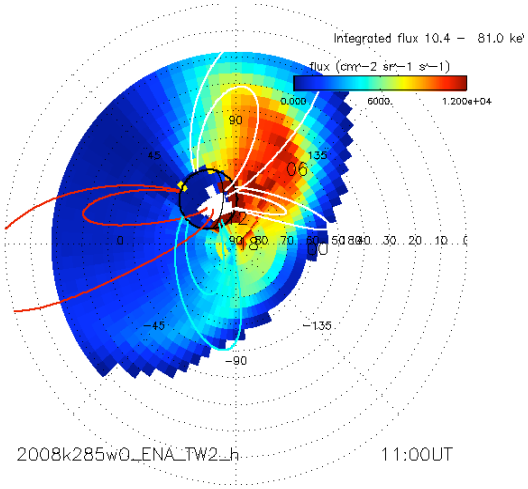
'All energies' image from the web-site
Linear scale; Max val 3e+5



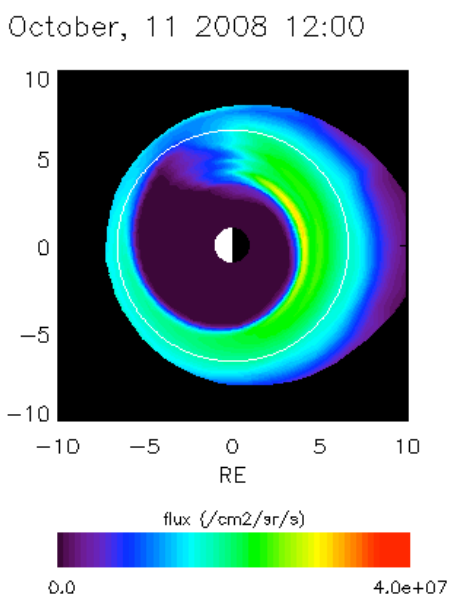
Downloaded from the site data (differential flux) and integrated numerically over 10-70 keV
Linear scale max val 1.5e5



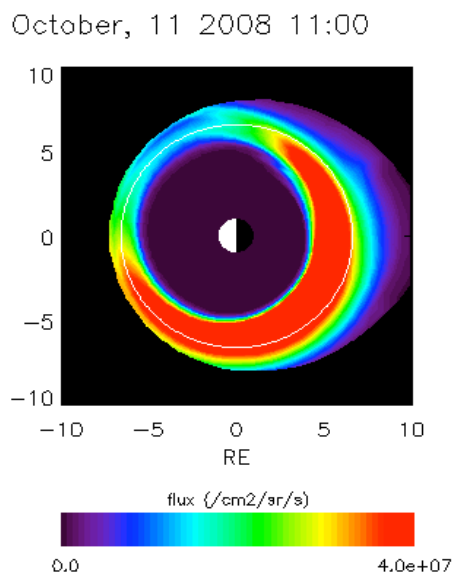
CRCM ENAs
integrated over 10-80keV



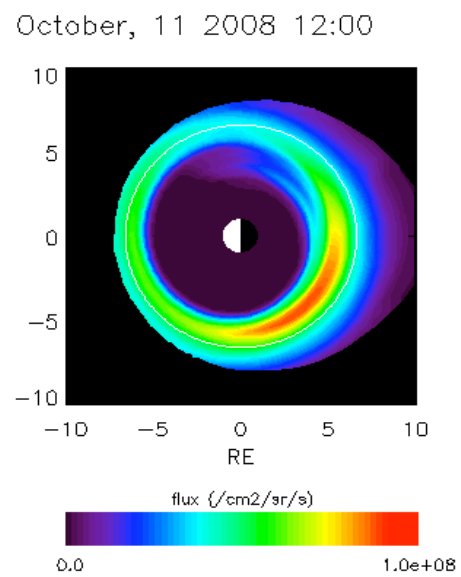
CRCM flux 10-25keV



25-80keV



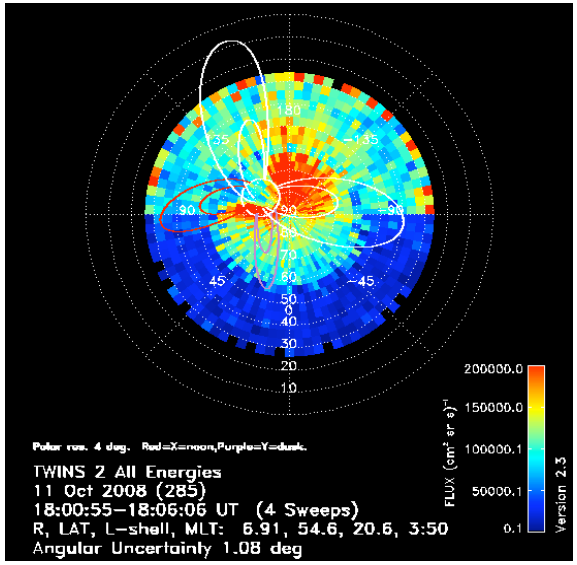
10-80keV



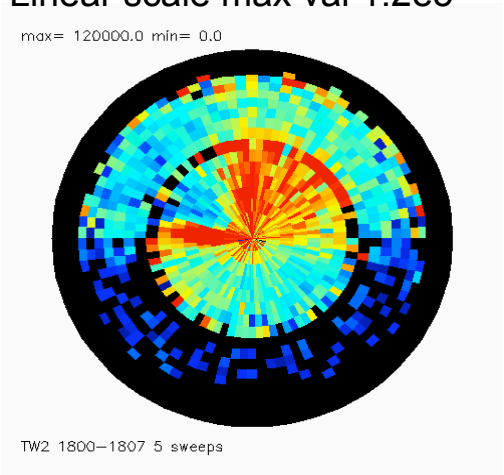
TWINS 2 only; UT 18; storm recovery; LAE signature

b

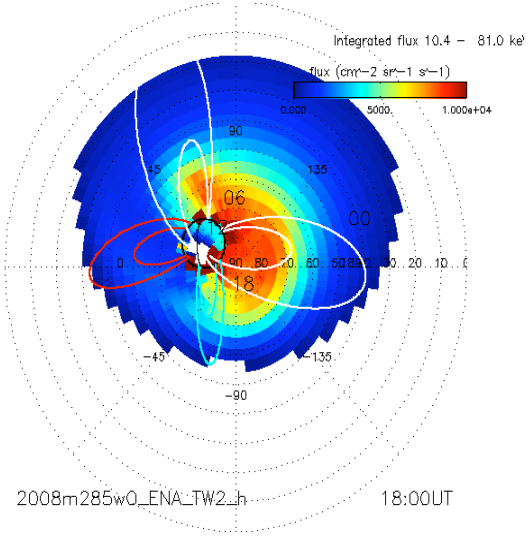
'All energies' image from the web-site
Linear scale; Max val 2e+5



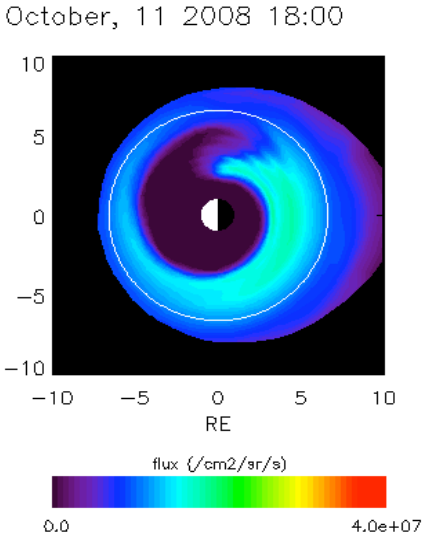
Downloaded from the site data
(differential flux) and integrated
numerically over 10-70 keV
Linear scale max val 1.2e5



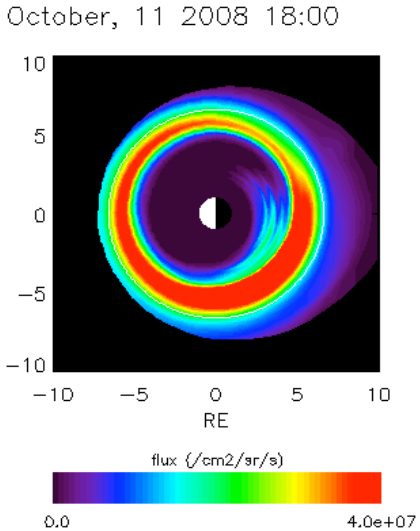
CRCM ENAs integrated
over 10-80keV
max val 1.e+4



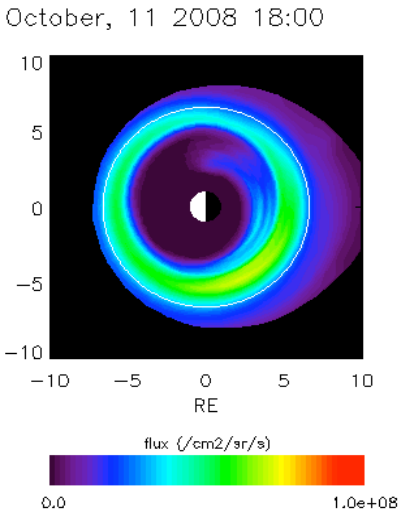
CRCM flux 10-25keV



25-80keV

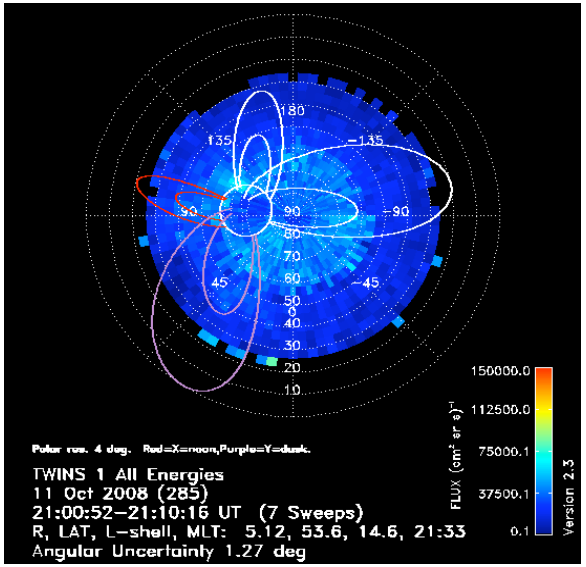


10-80keV

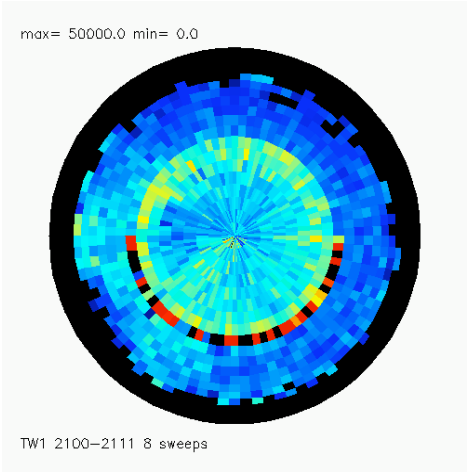


TWINS 1, 21UT ; storm recovery

'All energies' image from the web-site
Linear scale; Max val 1.5e+5

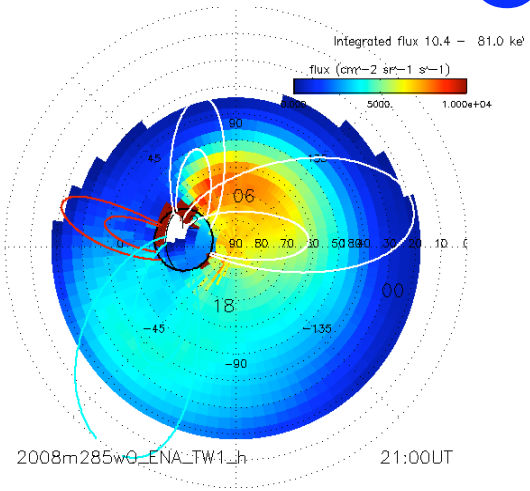


Downloaded from the site data (differential flux) and integrated numerically over 10-70 keV
Linear scale max val 0.5e+5

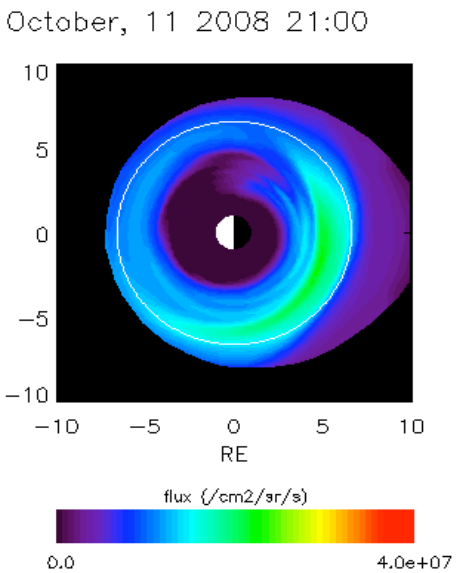


CRCM ENAs integrated over 10-80keV
max val 1.e+4

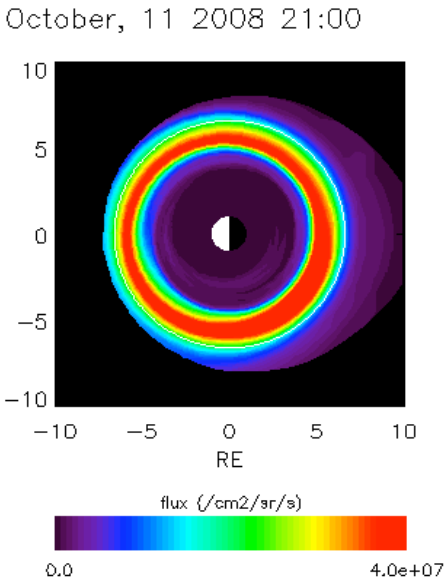
C



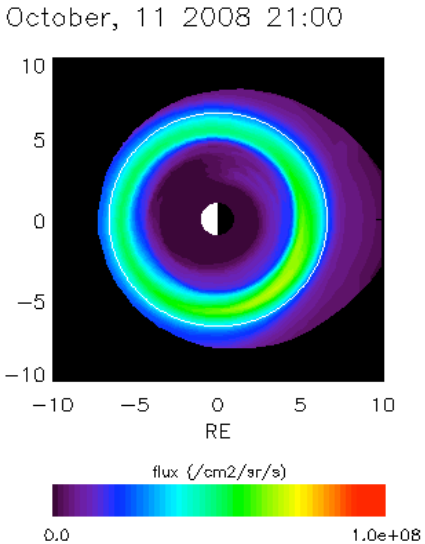
CRCM flux: 10-25keV



25-80keV



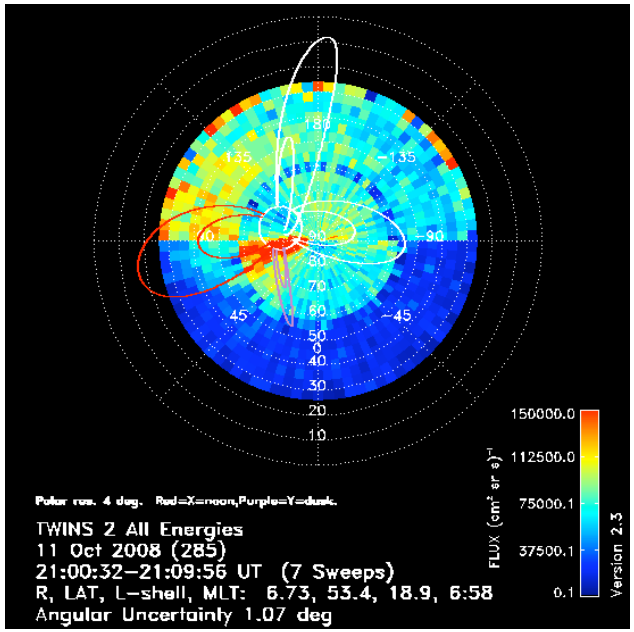
10-80keV



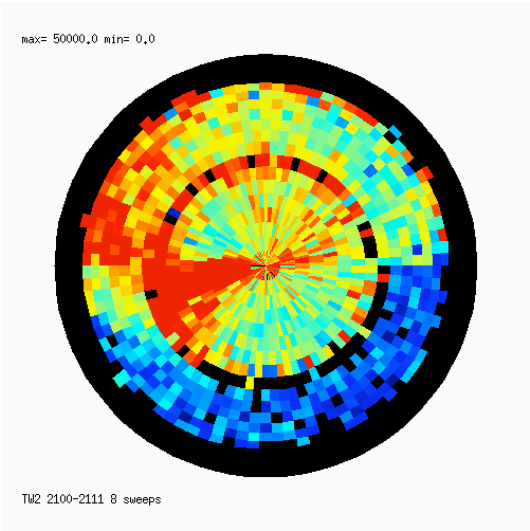
TWINS 2, 21UT ; storm recovery; LAE signature

C

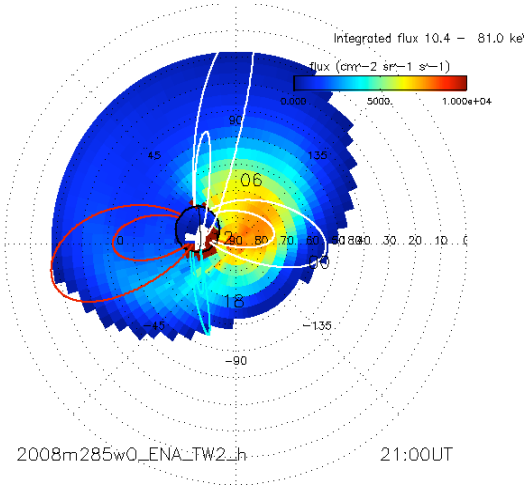
'All energies' 7 sweeps from the web-site
Linear scale; Max val 1.5e+5



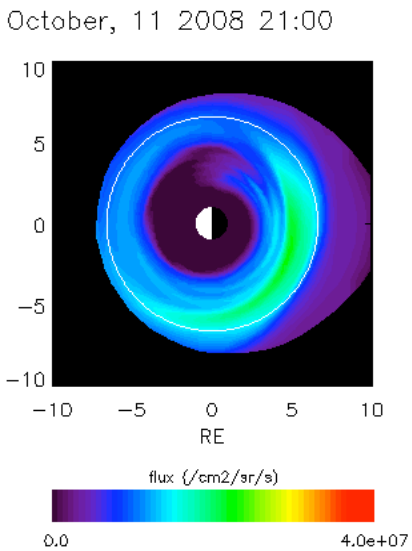
Downloaded from the site data (differential flux) and integrated numerically over 10-70 keV
Linear scale max val 0.5e+5



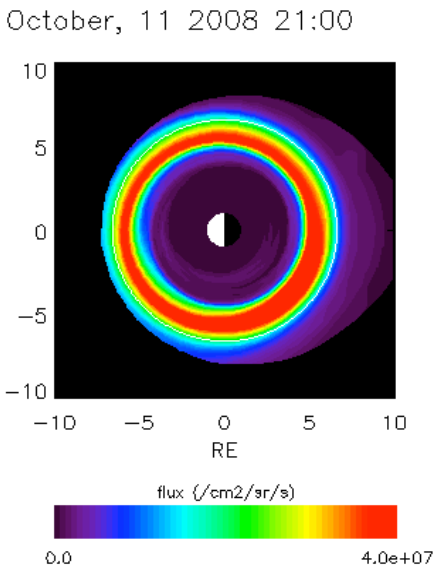
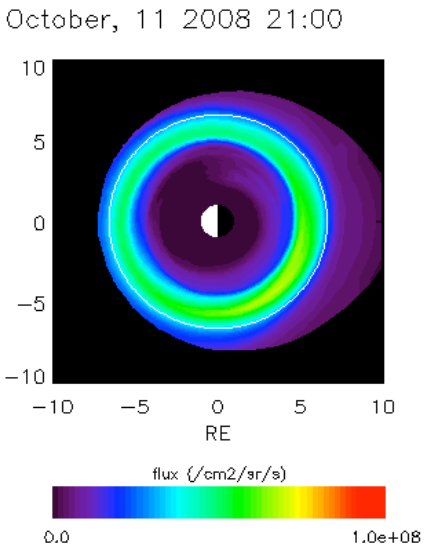
CRCM ENAs integrated over 10-80keV
max val 1.e+4



CRCM flux: 10-25keV



25-80keV



10-80keV