Select directory name:

Directory: 2023/03/19/1630/

Read grid parameters: 2023/03/19/1630/param1

Model date/time: 2023/03/19 16:30:45 UT

Cells in global grid: glob\_nlon= 360

glob\_nlat= 180

Longitude spacing: delt0=0.002000 rad

Approx. ctr. longitude: lon0a= 8.962 deg

Approx. ctr. latitude: lat0a= -14.843 deg

Number of boxes: nbox=4

Cells in box 0: nx1base= 768

ny1base= 768

Cells in box 0: nz1arr(0)= 40

Cells in box 1: nz1arr(1)= 15

Cells in box 2: nz1arr(2)= 15

Cells in box 3: nz1arr(3)= 20

Region name: HMI level1

lonmin= -35.065 lon0= 8.938 lonmax= 52.941 deg

latmin= -50.706 lat0= -14.843 latmax= 27.828 deg

n=0, nx= 769, ny= 769, nz= 41, kz2= 40, z= 40.0, rad= 1.083, naa= 24245801

n=1, nx= 385, ny= 385, nz= 16, kz2= 56, z= 70.0, rad= 1.150, naa= 2371600

n=2, nx= 193, ny= 193, nz= 16, kz2= 72, z= 130.0, rad= 1.297, naa= 595984

n=3, nx= 97, ny= 97, nz= 21, kz2= 93, z= 290.0, rad= 1.786, naa= 197589

total: nz= 94 naa= 27410974

Source surface: radmax= 1.786

Read second parameter file: 2023/03/19/1630/param2

Earth-based solar B-angle: bsun= -7.071 deg

Earth-based solar radius: rsun= 964.143 arcsec

Radius of chromosphere-corona TR: rad\_tr=1.00290 Rsun

;-------

2023 3 19 16 30 45

360 180

0.00200

8.962 -14.843

4

768 768

40 15 15 20

HMI level1