

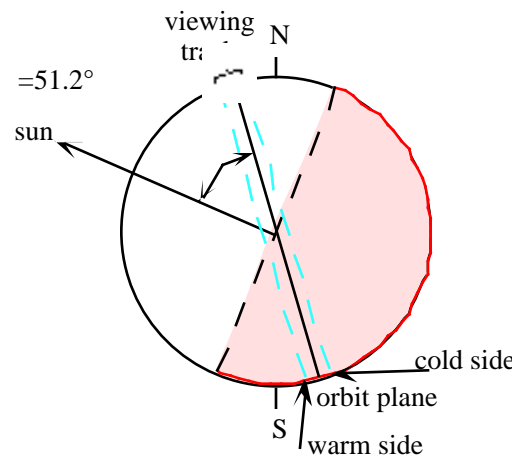
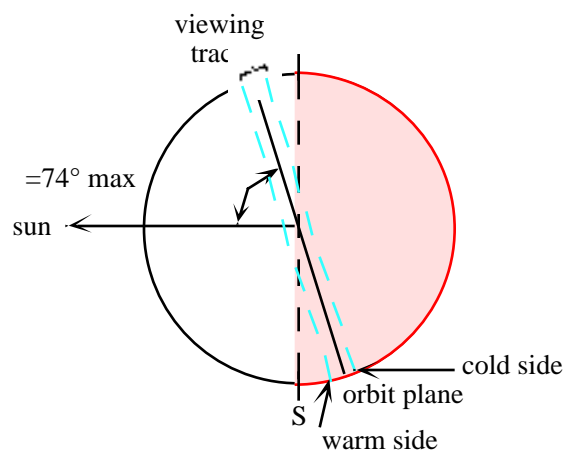
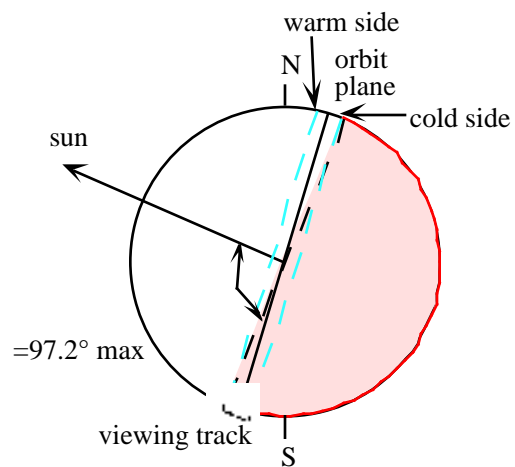
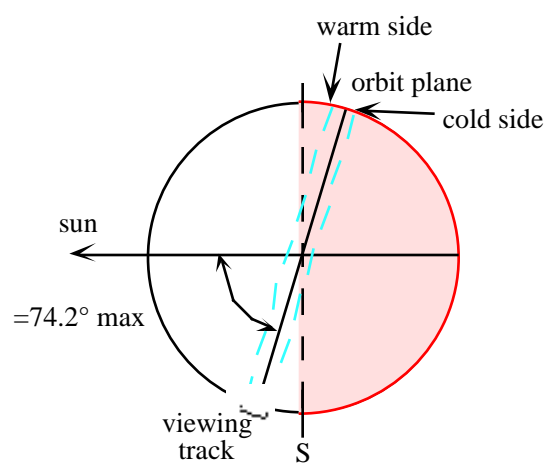


## Section B. Coverage

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- **Some aspects of TIDI coverage are presented here.**
- **In the following plots, solid symbols represent daytime observations, open symbols are nighttime. Diamonds are sun-side (warm side) and hexes are anti-sun (cold side).**
- **TIDI performs daytime observations when the  $SZA < 80$  degrees at the tangent point, the  $SZA < 90$  degrees at the spacecraft and the solar scattering angle is greater than 15 degrees.**
- **TIDI performs nighttime observations when the  $SZA > 100$  degrees at the tangent point, the  $SZA > 90$  degrees at the spacecraft and the solar scattering angle is greater than 15 degrees.**

# Beta Angle Description

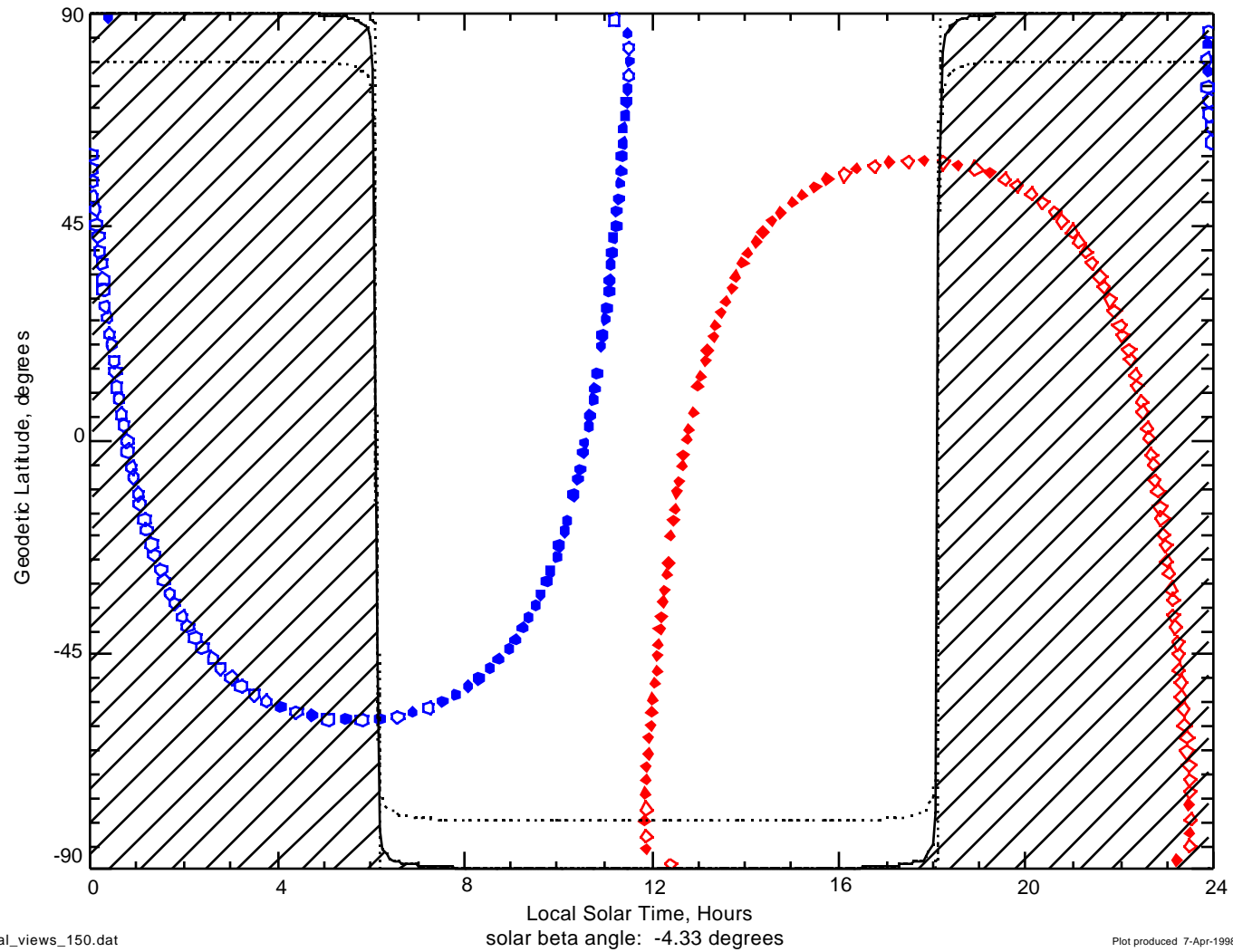


**equinox**

**solstice**

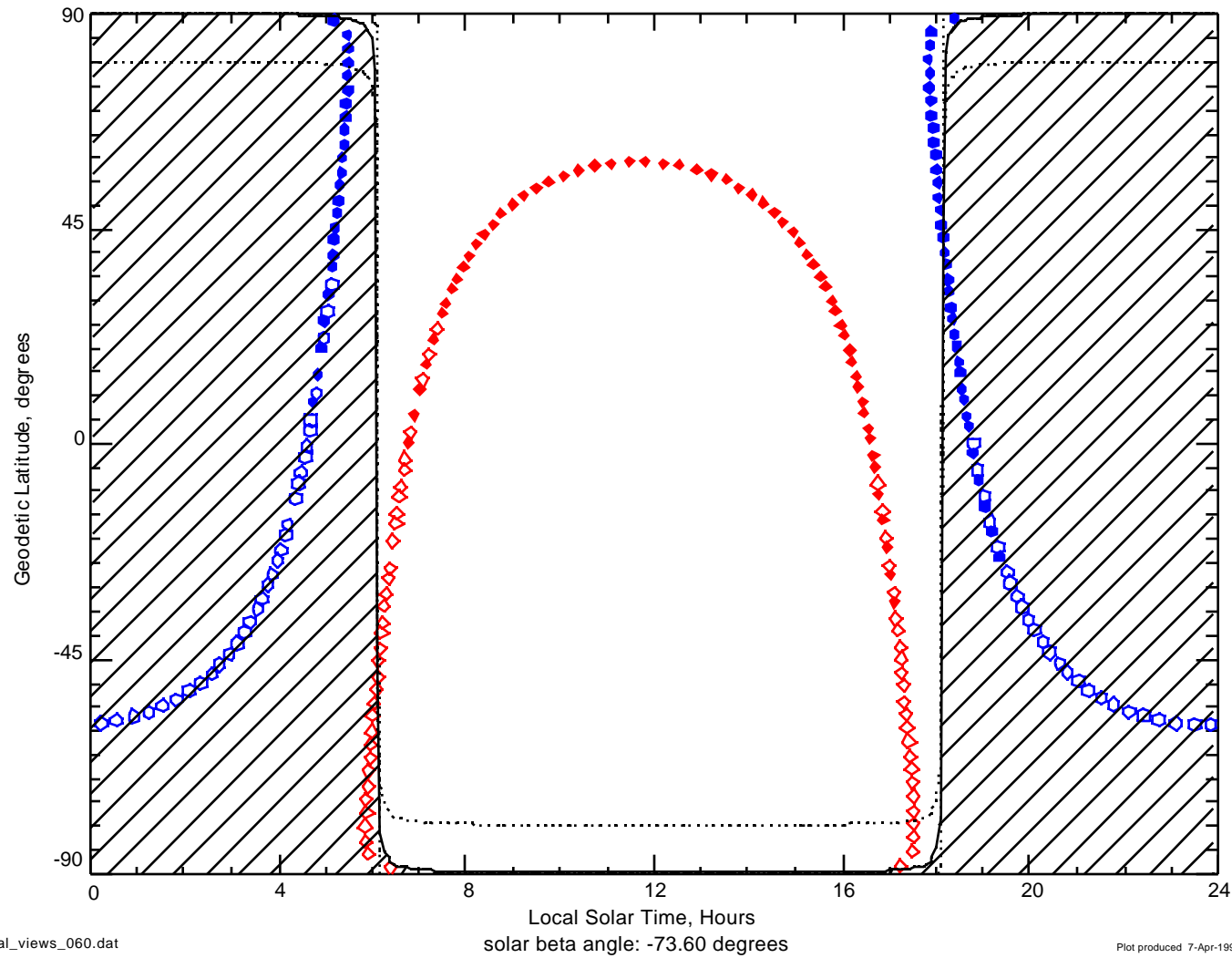


# TIDI Coverage at Equinox Angle Near 0



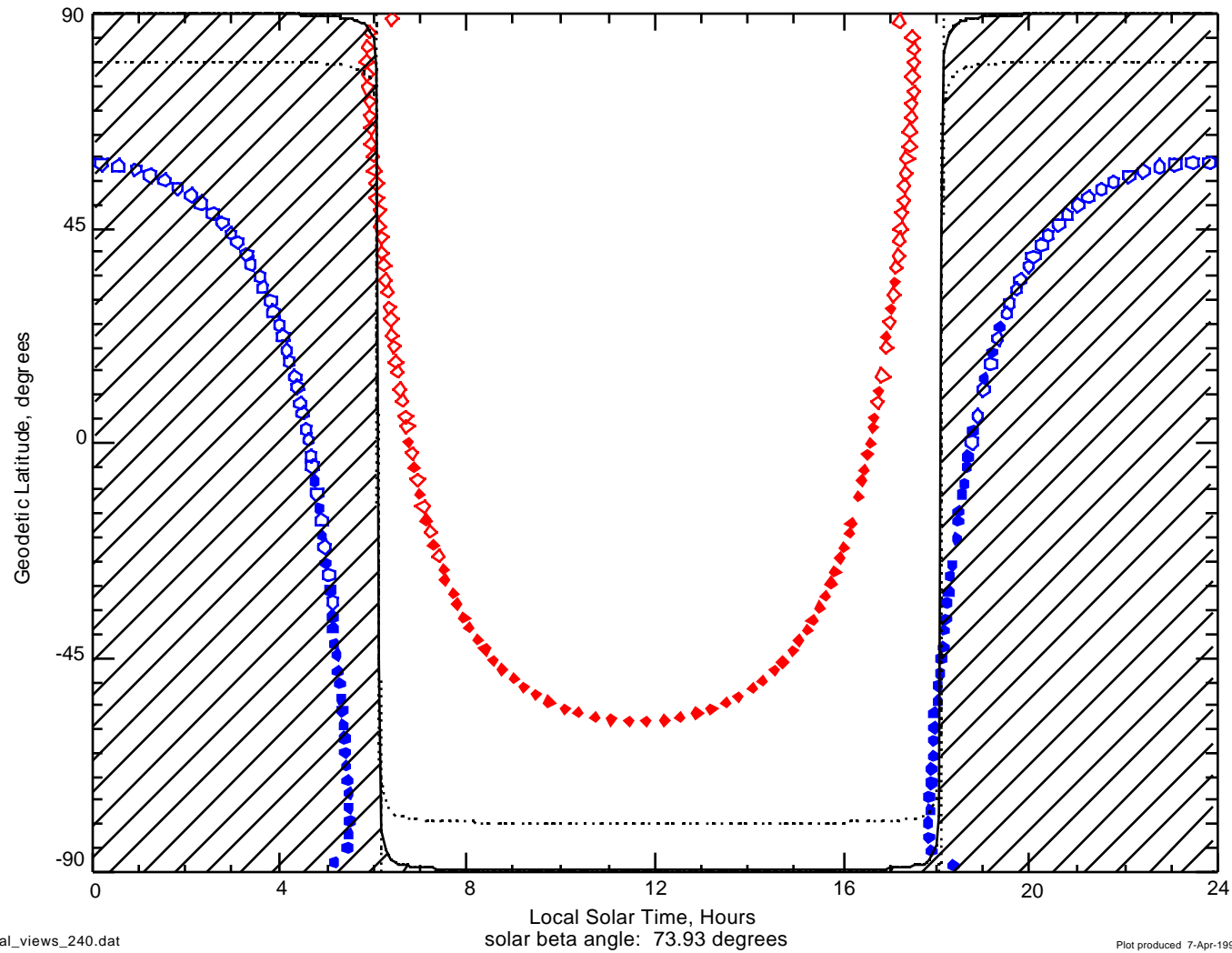


# TIDI Coverage at Equinox Large Negative Angle





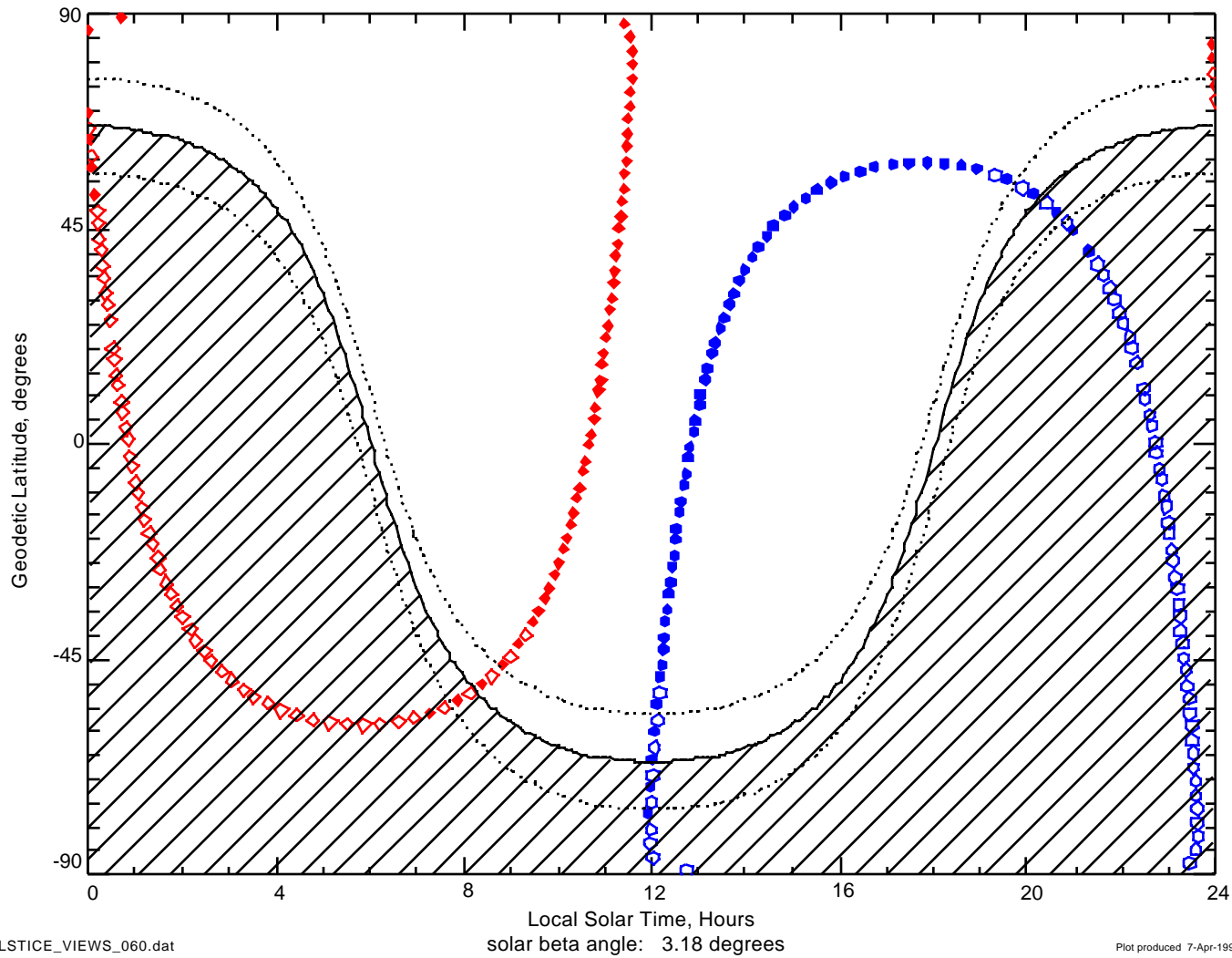
# TIDI Coverage at Equinox Large Positive Angle





**TIDI**

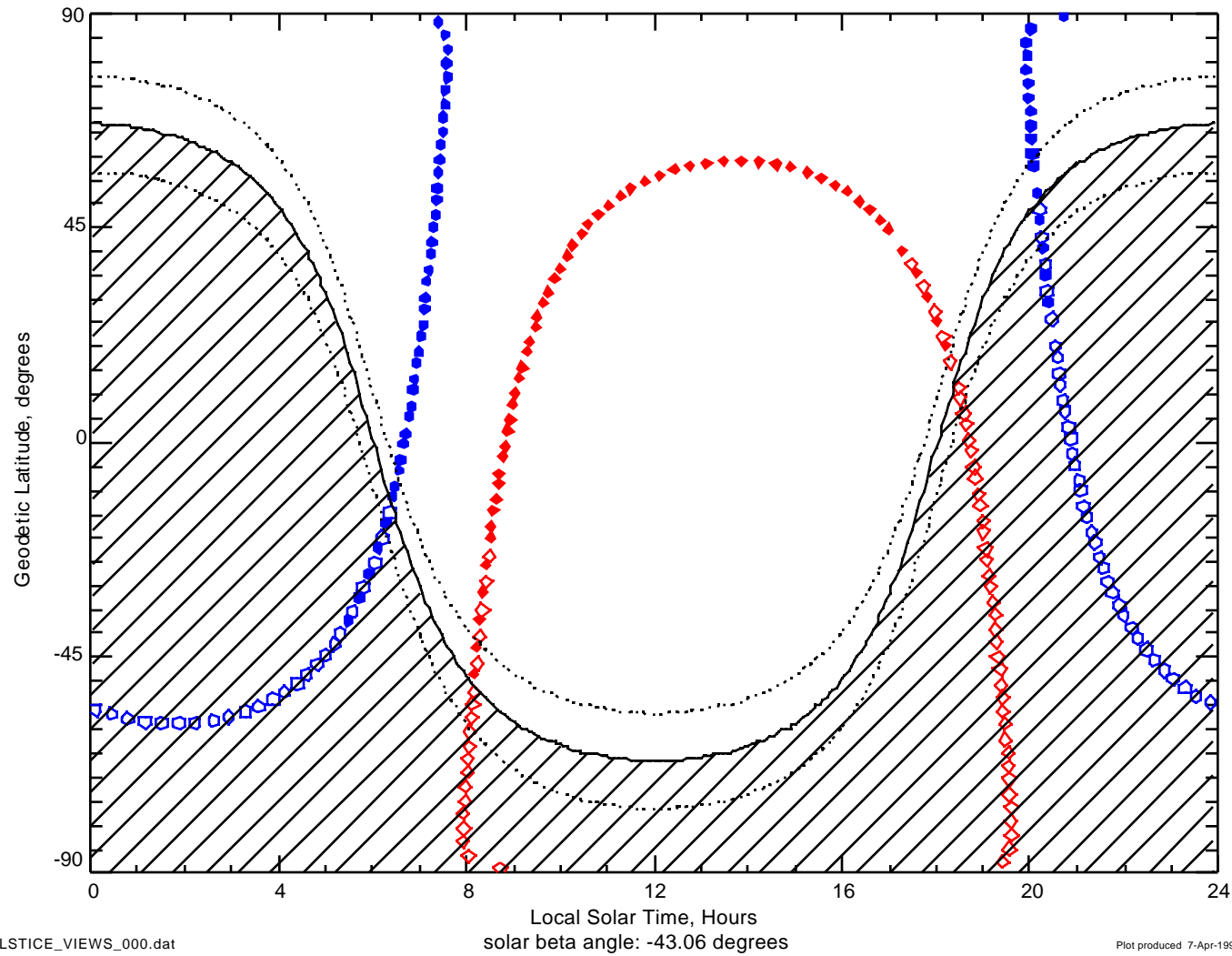
# TIDI Coverage at Summer Solstice Angle Near 0





**TIDI**

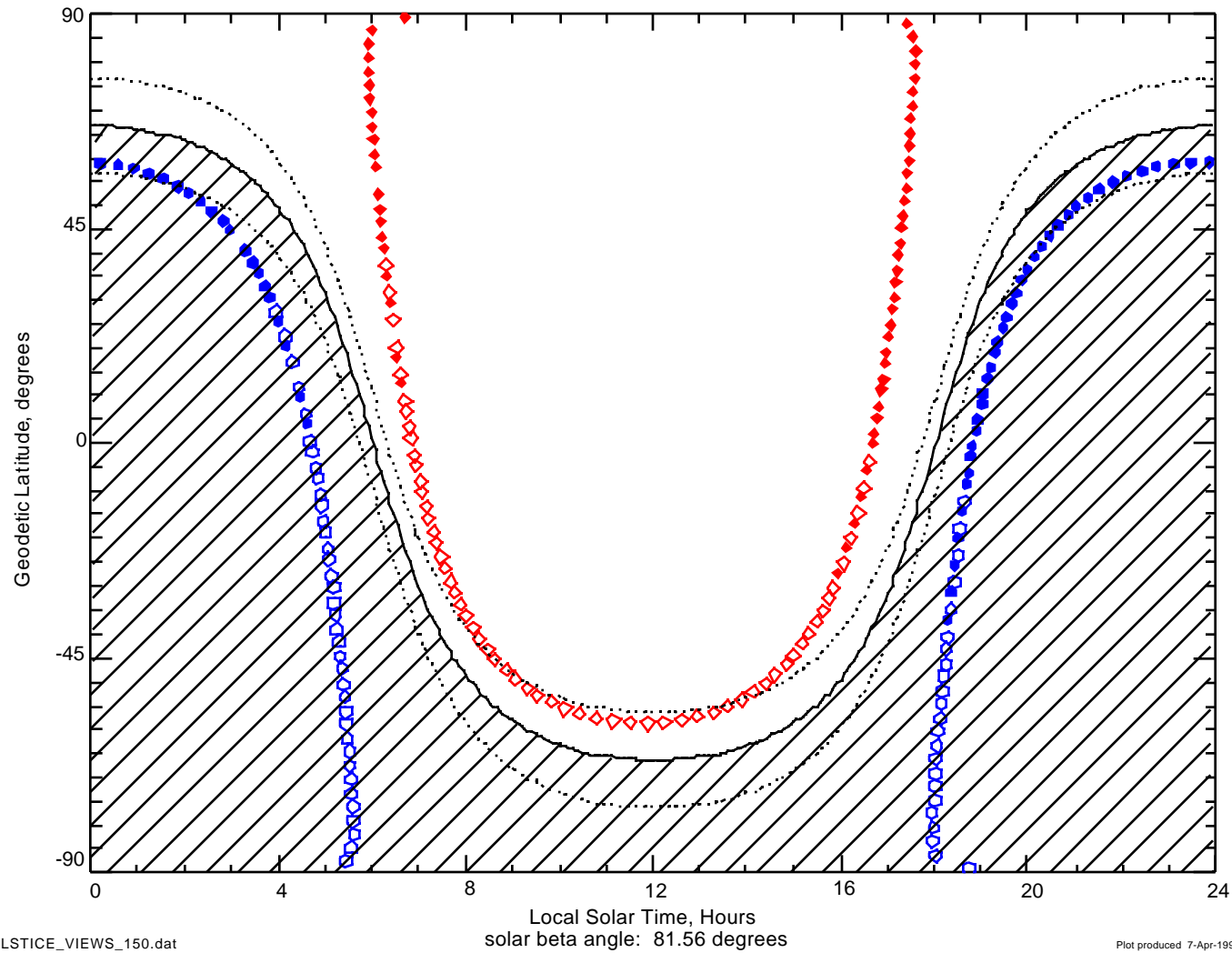
# TIDI Coverage at Summer Solstice Large Negative Angle





**TIDI**

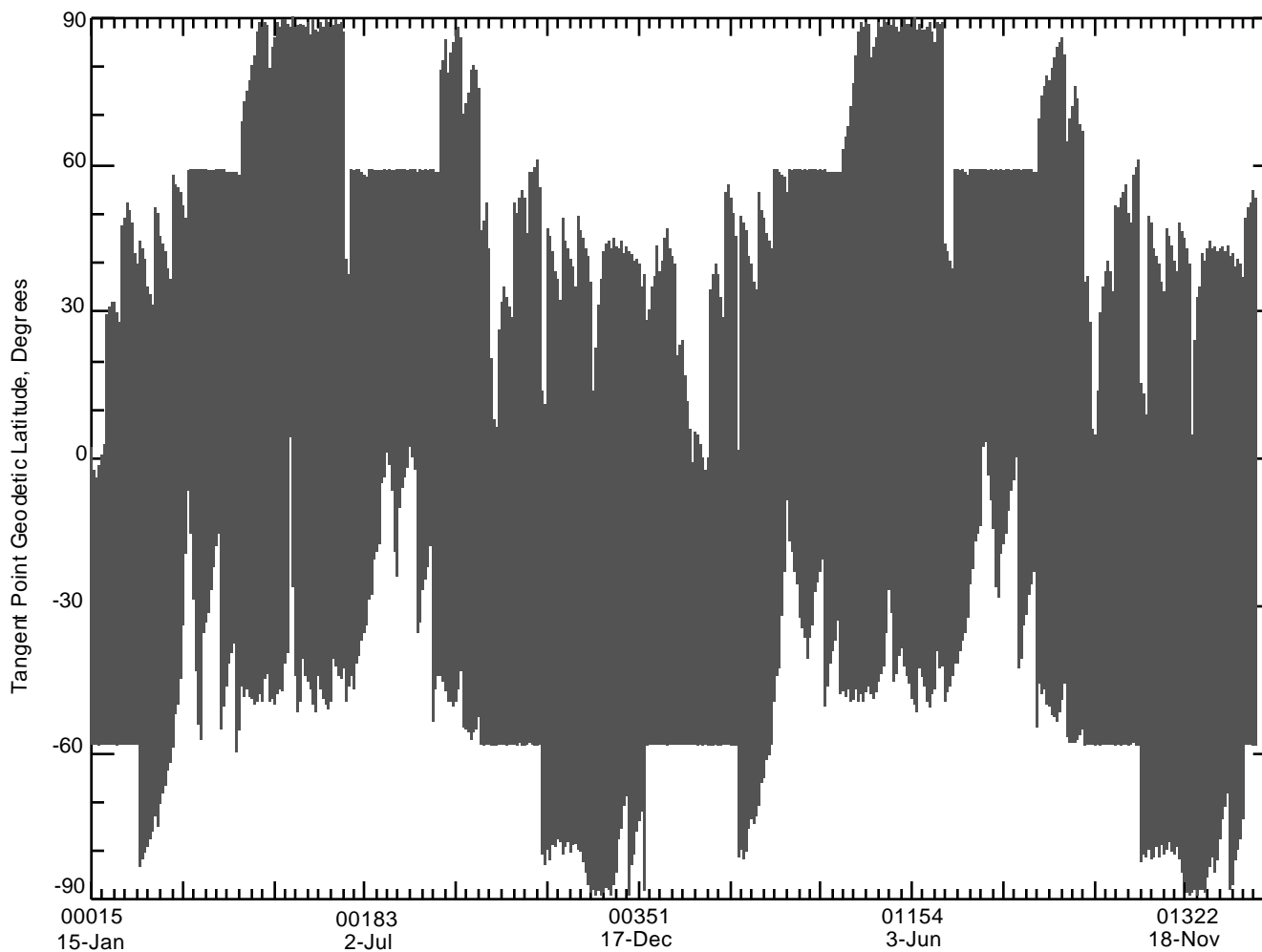
# TIDI Coverage at Summer Solstice Large Positive Angle







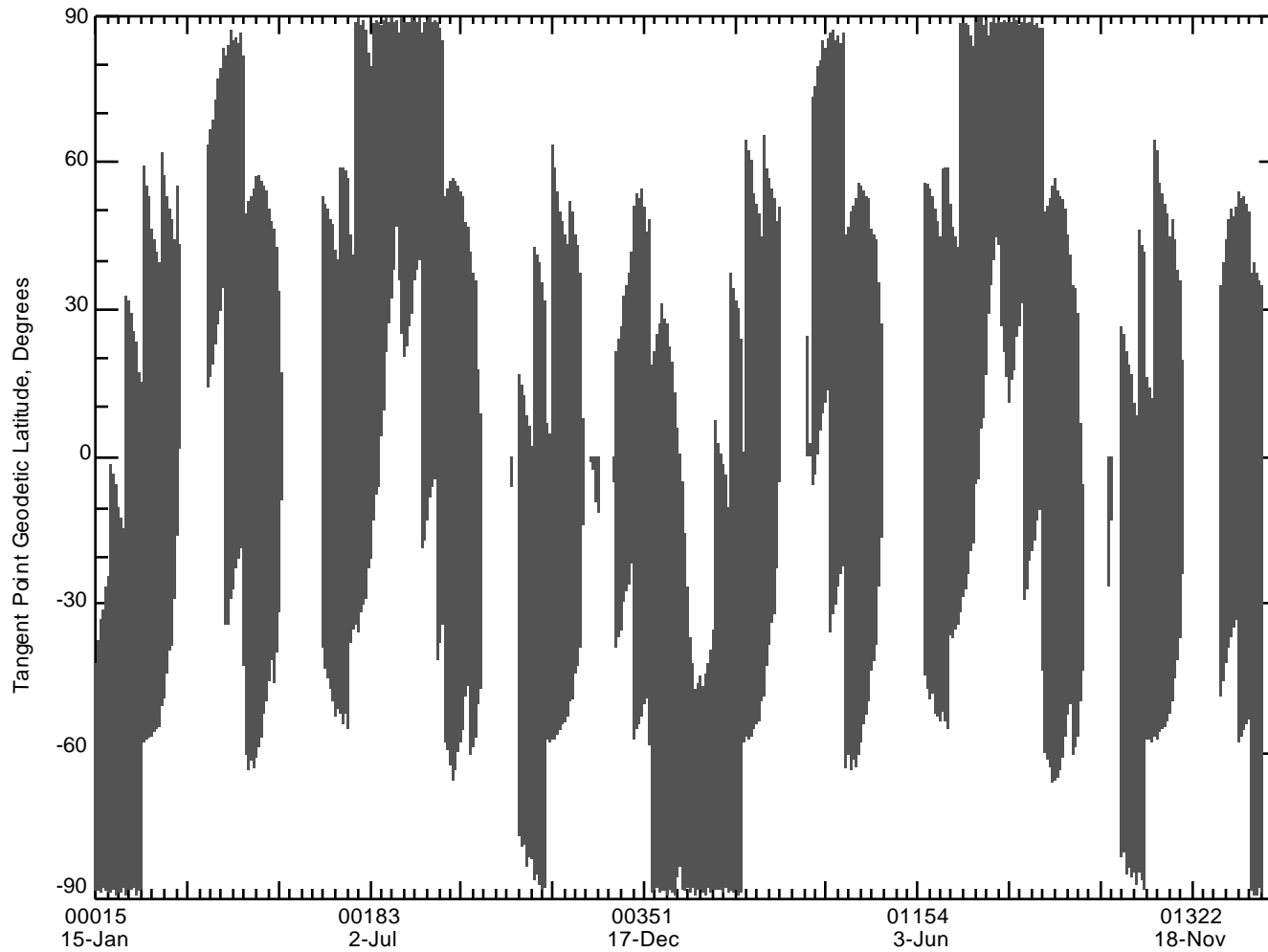
# Warm Side Tangent Point Latitude Limits (sc\_sza<90) & (tp\_sza<80) & (tp\_scat>15)



Plot produced 4-Jun-1997



# Cold Side Tangent Point Latitude Limits (sc\_sza<90) & (tp\_sza<80) & (tp\_scat>15)



Plot produced 4-Jun-1997



# TIDI Coverage: Backward Flight days 045 to 107

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It will print correctly to a PostScript printer.

File Name : wib\_back.ps

Title : Graphics produced by IDL

Creator : IDL Version 4.0.1b (vms alpha)

CreationDate : Fri Apr 10 17:53:40 1998

Pages : 1



# TIDI Coverage: Forward Flight days 108 to 171

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CreationDate : Fri Apr 10 17:54:09 1998

Pages : 1