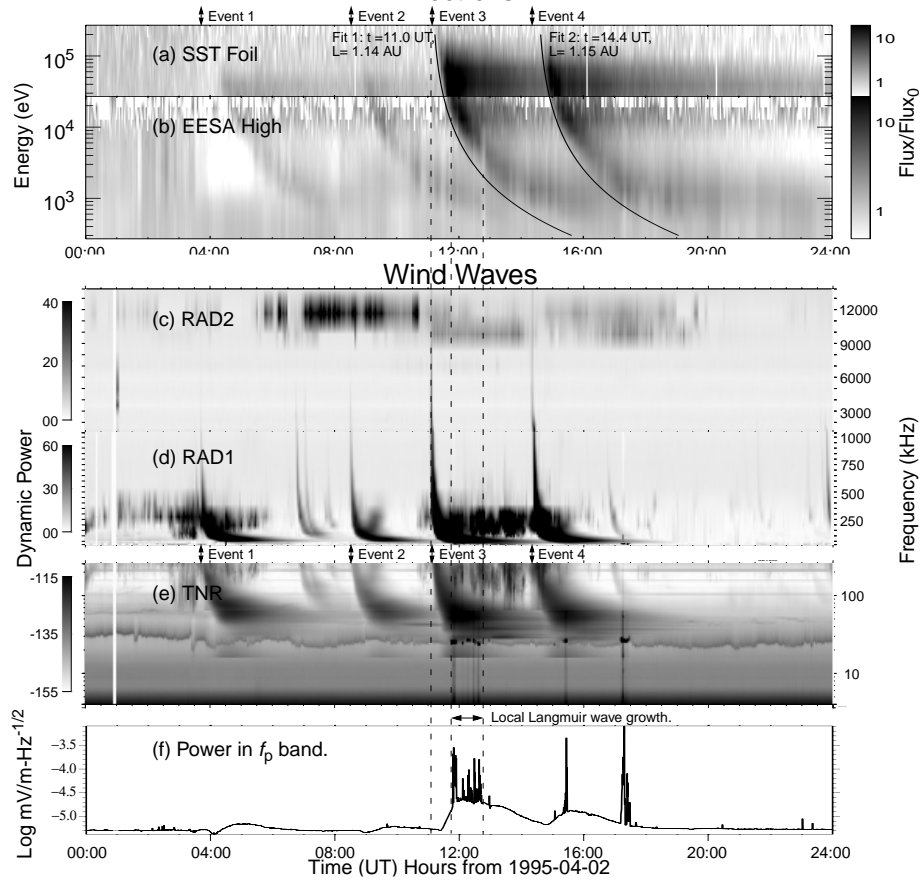


Solar Type III Radio Bursts Electrons



- | | | |
|----------------------------------------|------|------------------------------------------------------------------------|
| t_0 | ↑↑↑↑ | H α Flare observed. |
| t_0 to $t_0 + \sim 1$ min. | ↑↑↑↑ | HF (> 1 MHz) radio emissions generated in solar corona. |
| $t_0 + 12$ min. | ↑↑↑↑ | High energy (>100 keV) electrons arrive at 1 AU. |
| $t_0 + 1$ min. to $t_0 + 40$ min. | ↑↑↑↑ | 1 MHz to ~ 30 kHz radio emissions from the interplanetary medium. |
| $t_0 + 40$ min. | ↑↑↑↑ | ~ 10 keV electrons arrive at 1 AU. Local Langmuir waves observed. |