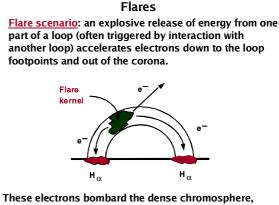


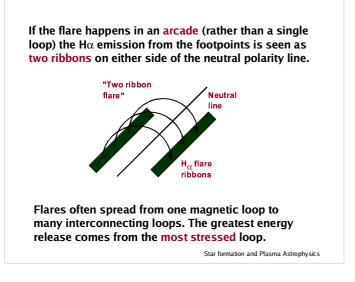
 coronal mass ejections (CMEs) and prominence ejection

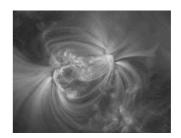
Star formation and Plasma Astrophysics



These electrons bombard the dense chromosphere, producing the H α emission and boiling off soft X-ray emitting plasma which rises up through the loop.

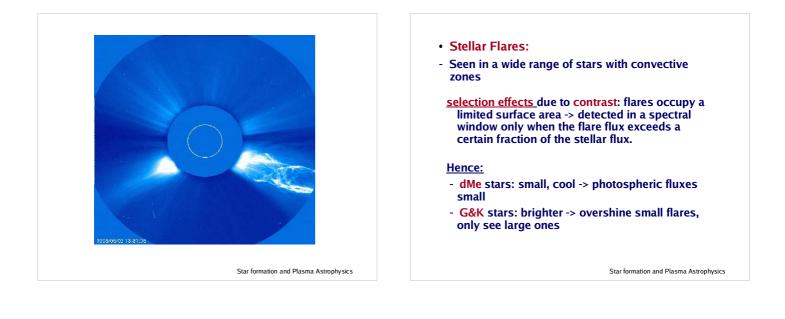
Star formation and Plasma Astrophysics





TRACE (Transition Region And Coronal Explorer) movie http://vestige.lmsal.com/TRACE

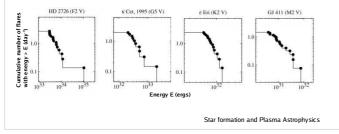
Star formation and Plasma Astrophysics

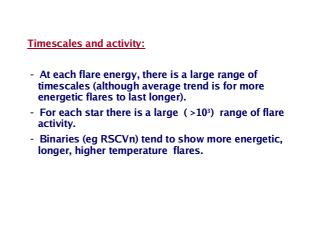


Flare energies:

As we go to progressively intrinsically fainter stars, the flare frequency at every energy level decreases -> observed decrease in L(U) and L (EUV) as we go down the main sequence.

Extreme-Ultraviolet Explorer (1992-2001) data





Star formation and Plasma Astrophysics

