

The Sun's influence on comet 67P and Rosetta - solar flares, CMEs and CIRs

We present results on how solar flares influence comet 67P as well as the LAP instrument on Rosetta. We relate this to other sources of solar wind induced variability of the cometary coma, such as CMEs and CIRs. The solar flares are shown to be quite insignificant in terms of causing changes to the plasma, but influence the LAP instrument in terms of causing increased photoelectron current.