LS periodograms of EIT full sun, full mission LCs solar magnetic cycle period of L1 halo orbit solar rotation 1 y 10<sup>0</sup> 1/2 of L1 halo orbit  $304\mathring{A}$ 1/4 of L1 halo orbit  $10^{-1}$  $10^{-2}$ 10<sup>-3</sup> 284A [offset \* 10<sup>-2</sup>]  $10^{-4}$ power [unitless]  $10^{-5}$  $195\mathring{A}$  [offset \* 10]  $10^{-6}$  $10^{-7}$ [offset \* 10<sup>-6</sup>]  $10^{-8}$  $10^{-9}$  $10^{-10}$  $10^{-11}$ 10<sup>-12</sup> 10<sup>-3</sup>  $10^{-2}$ frequency [1/d]