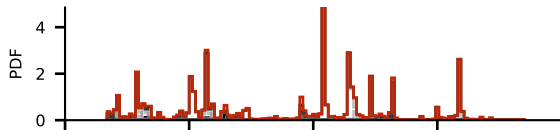**Weighted marginal PDFs**
x=187
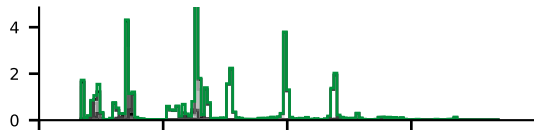SH 2019-05-02 granule: 05160312