



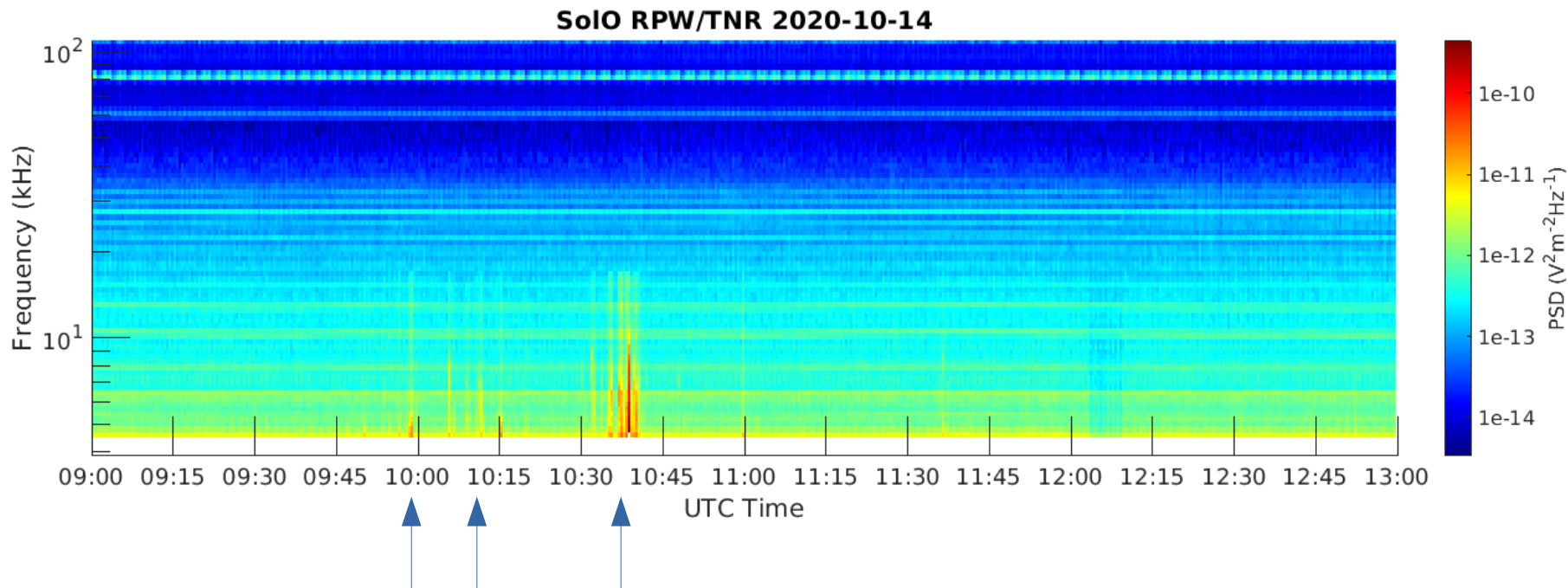
Ion-acoustic waves observed in the solar wind

David Pisa & TDS team



solar orbiter

Low-frequency waves



Low-frequency waves

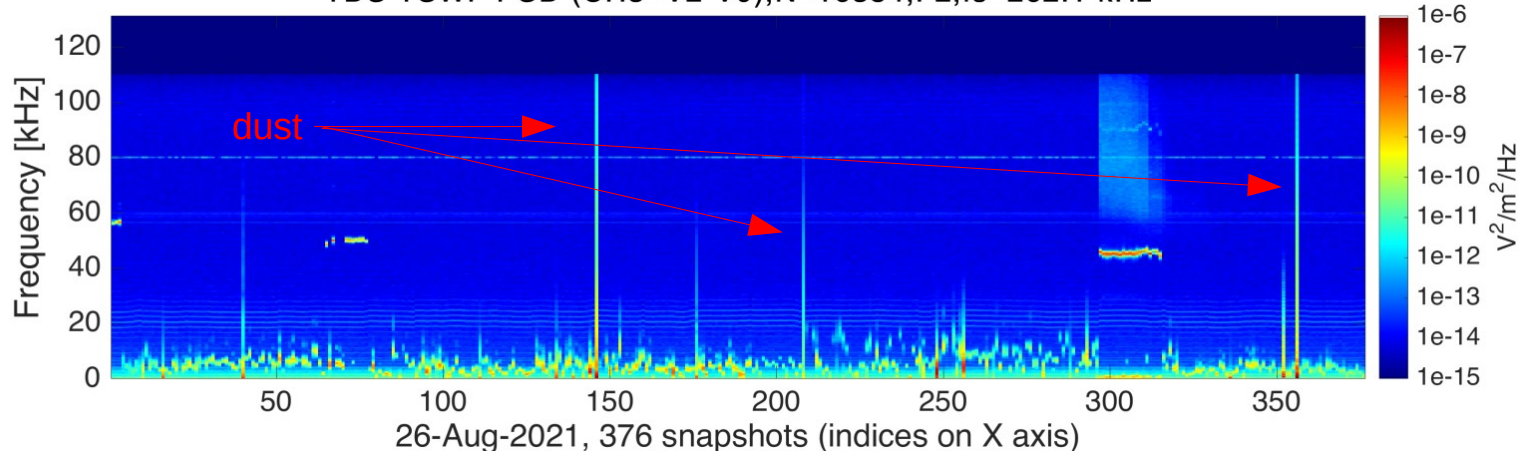
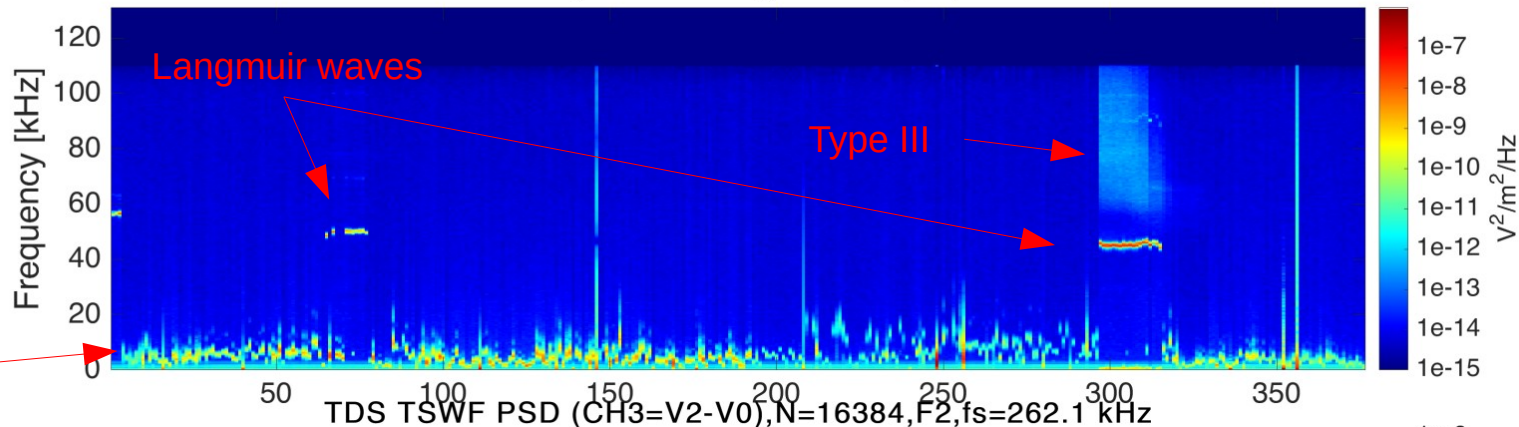


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TDS TSWF snapshots

TDS TSWF PSD (CH2=V2-V1), N=16384, F2, fs=262.1 kHz

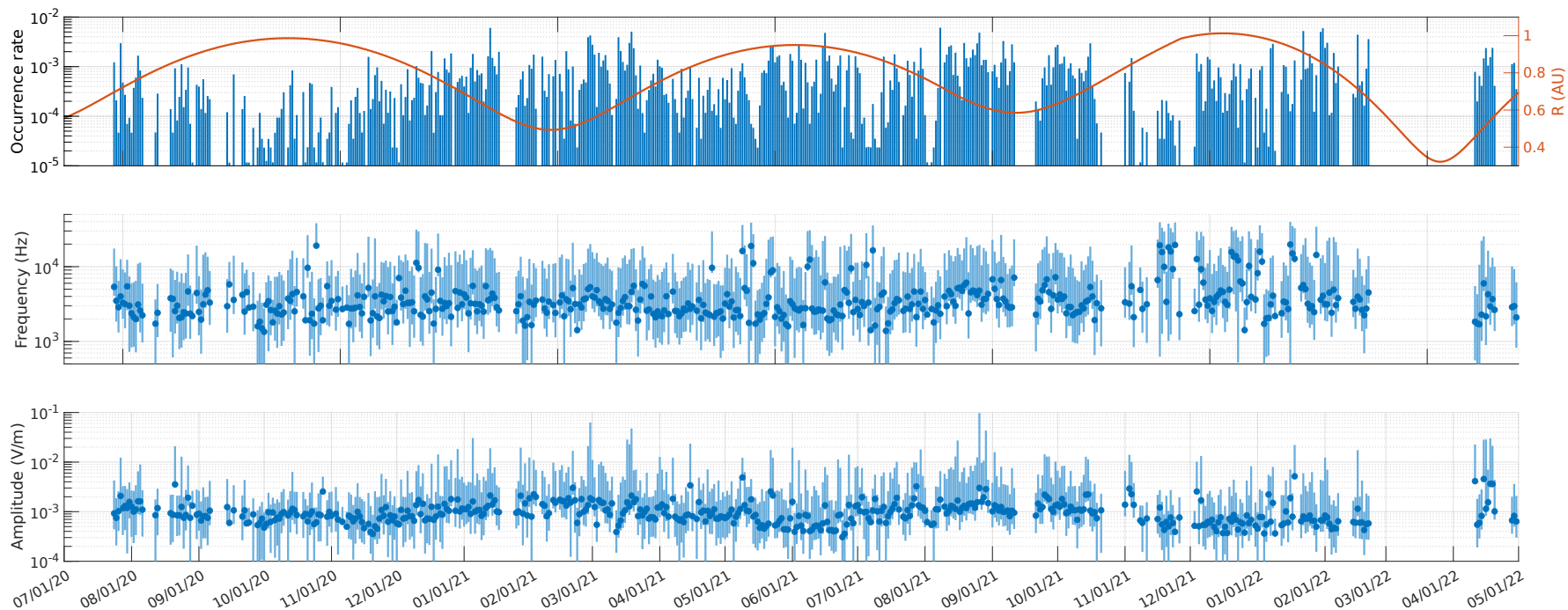




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Wave survey

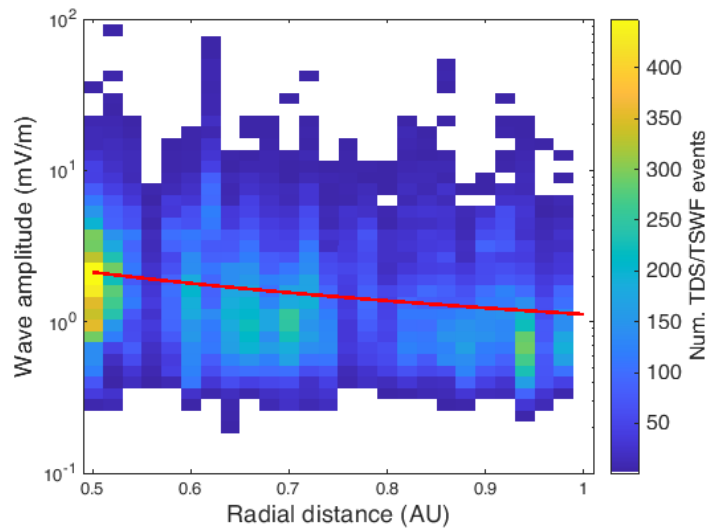
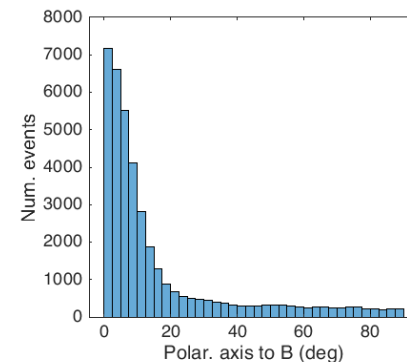
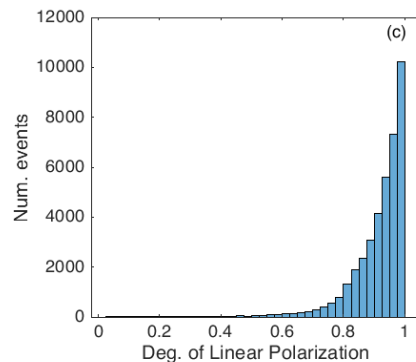
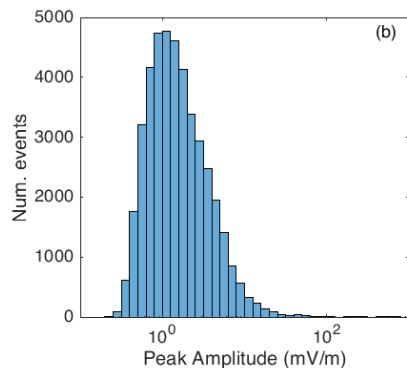
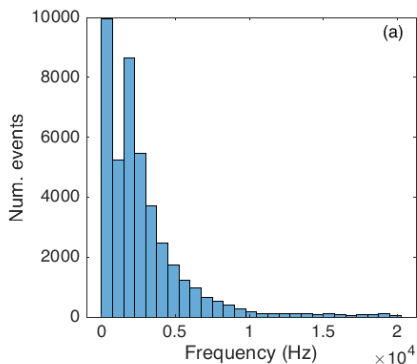




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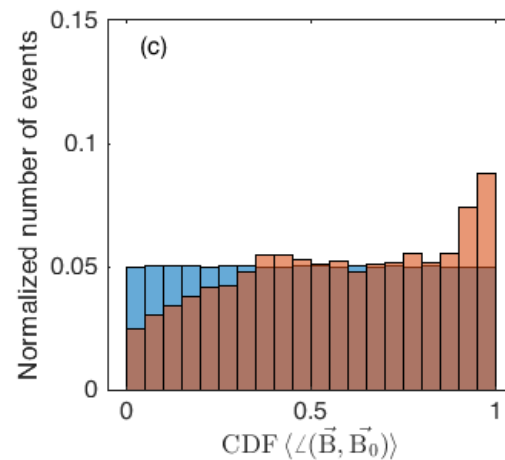
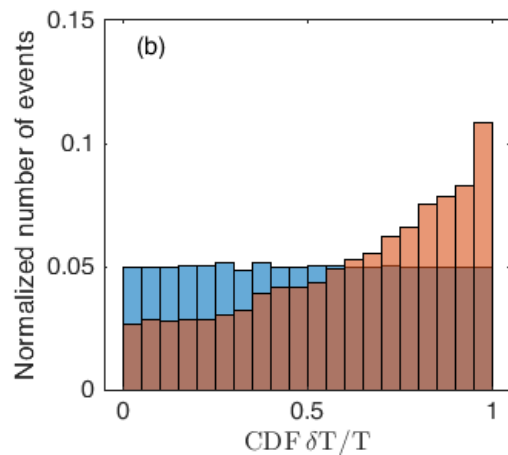
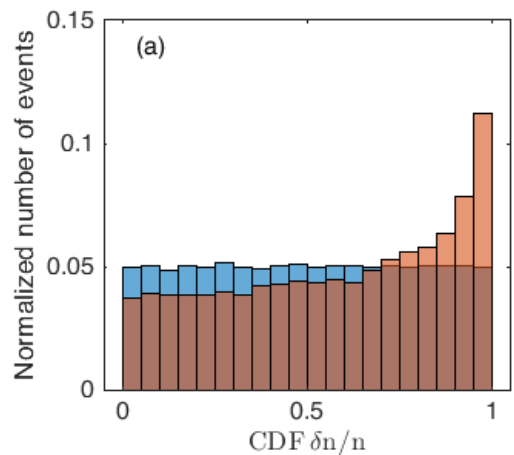
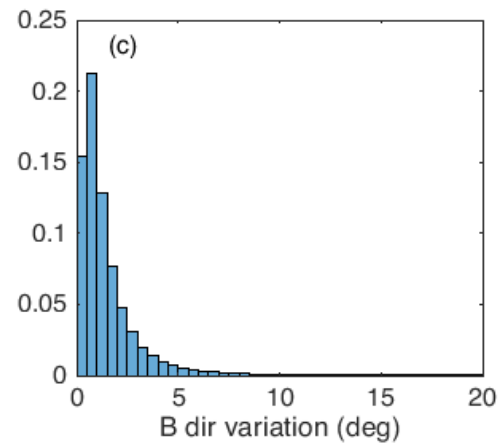
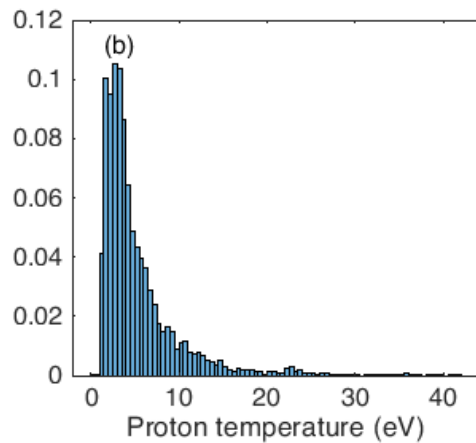
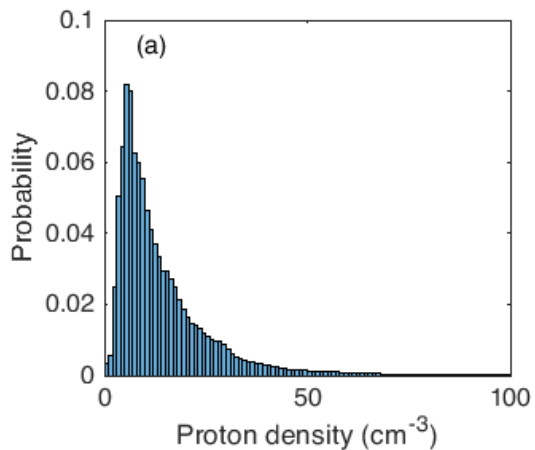
Wave properties





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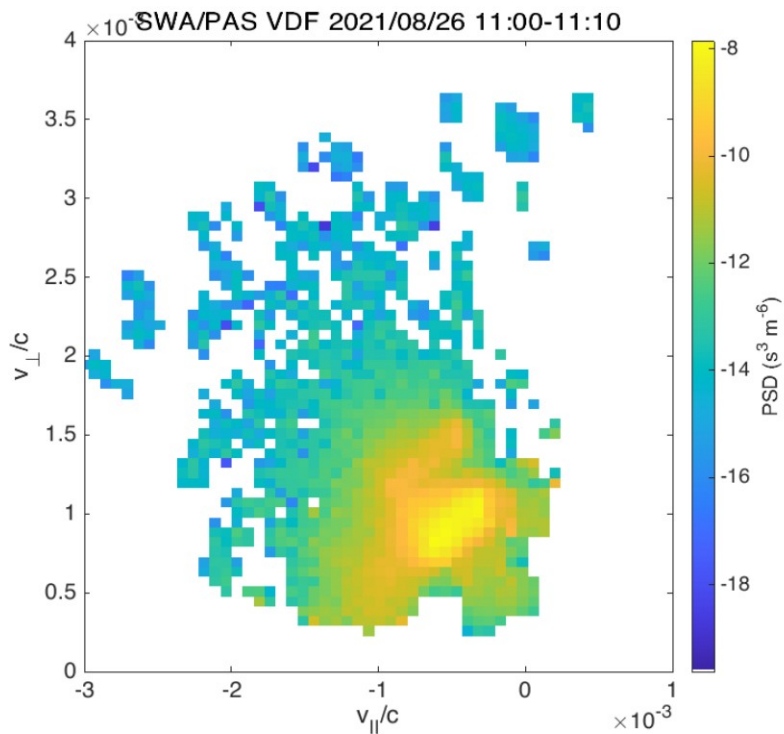
Solar Wind conditions



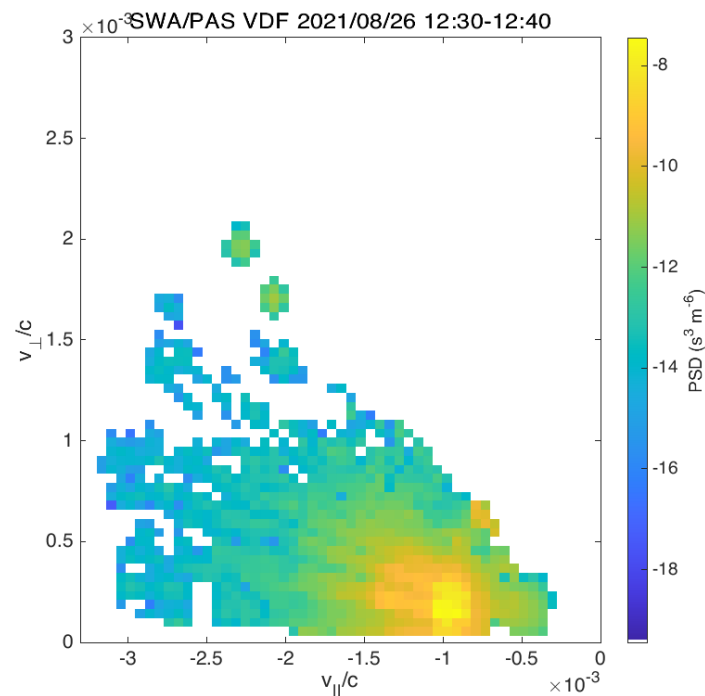


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work in progress



waves



no waves