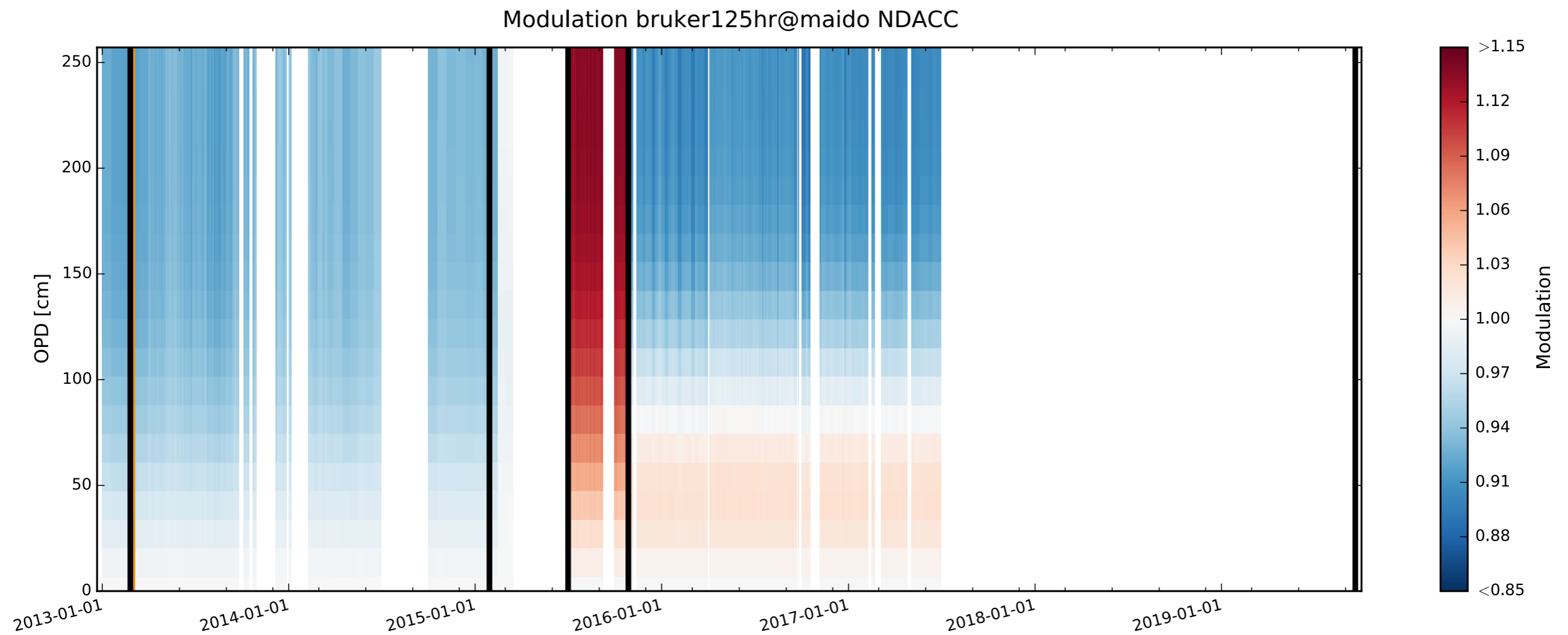


# SFIT4 linefit usage

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- At BIRA-IASB we have implemented a system to do batch processing of cel spectra using linefit
- linefit also uses optimal estimation (uncertainty analysis is not available). At present we have little (or no?) information on uncertainty of apodization/phase
- We average individual cell retrievals to a 2-weekly/monthly/... apod/phase profile (should reduce the random uncertainty on the linefit retrievals)
- This can be used as input to SFIT4
  1. directly: linefit apod/phase profile input (20 points on opd)
  2. polynomial approximation of the linefit input
  3. like 2. but also retrieving the ILS and using the polynomial approximation as prior



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