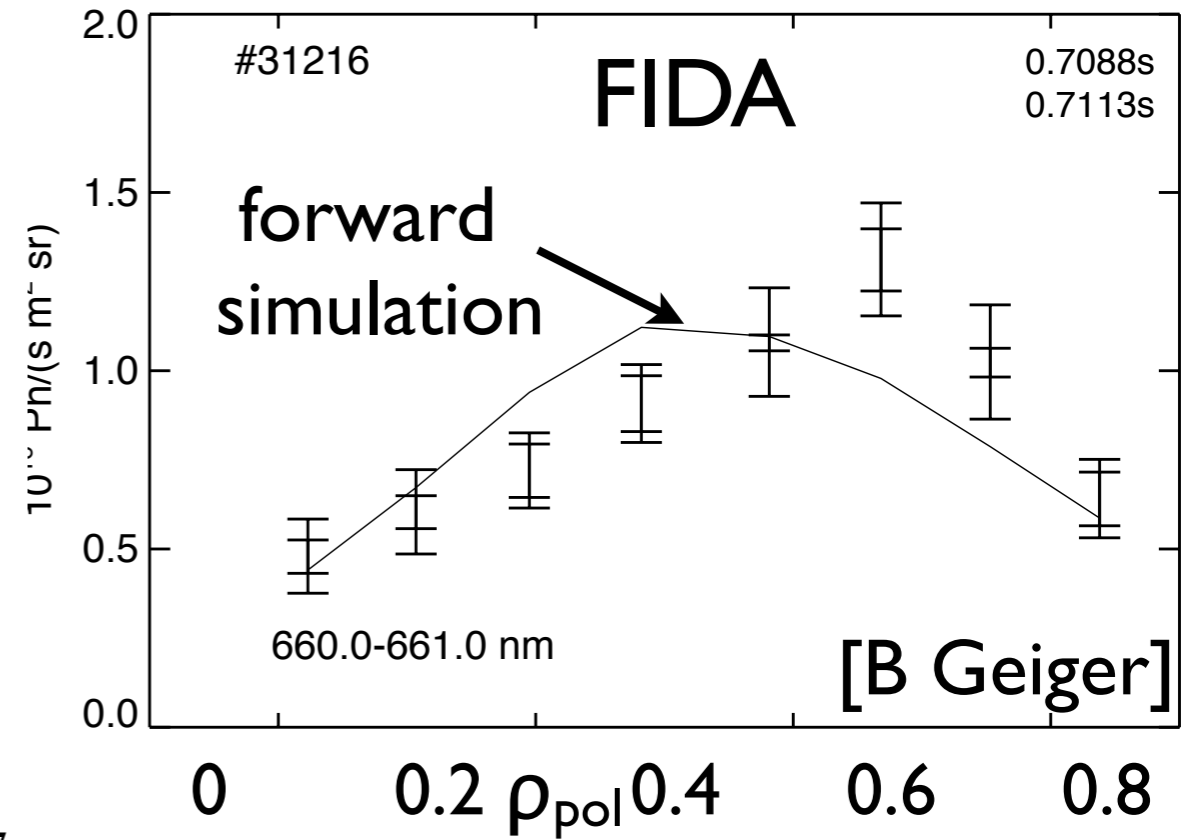
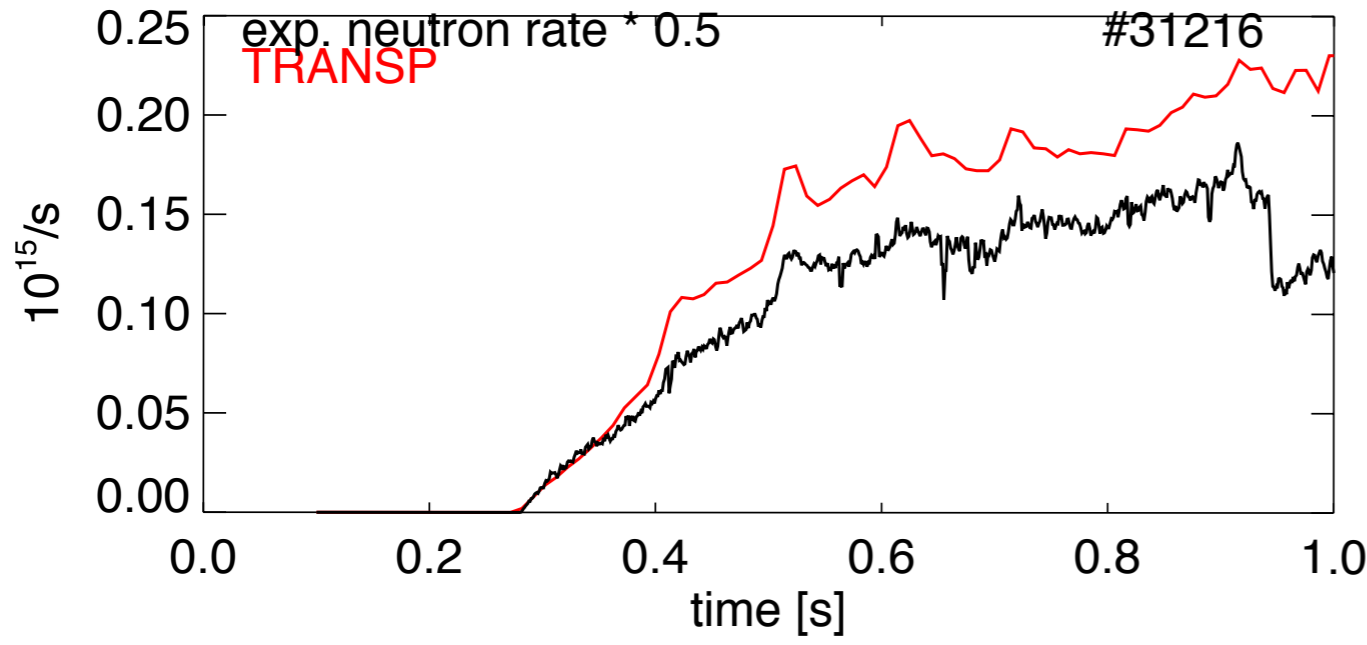
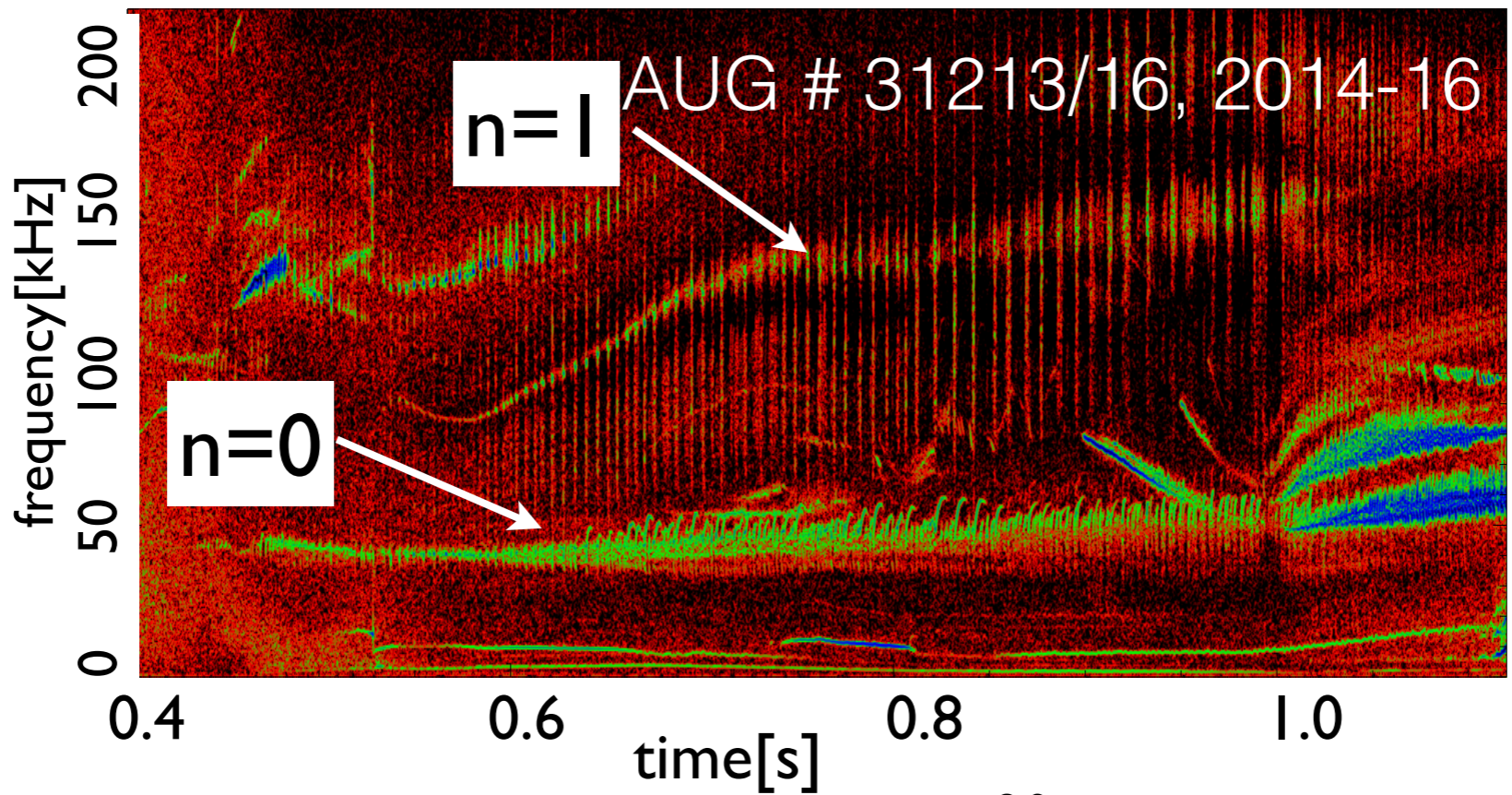


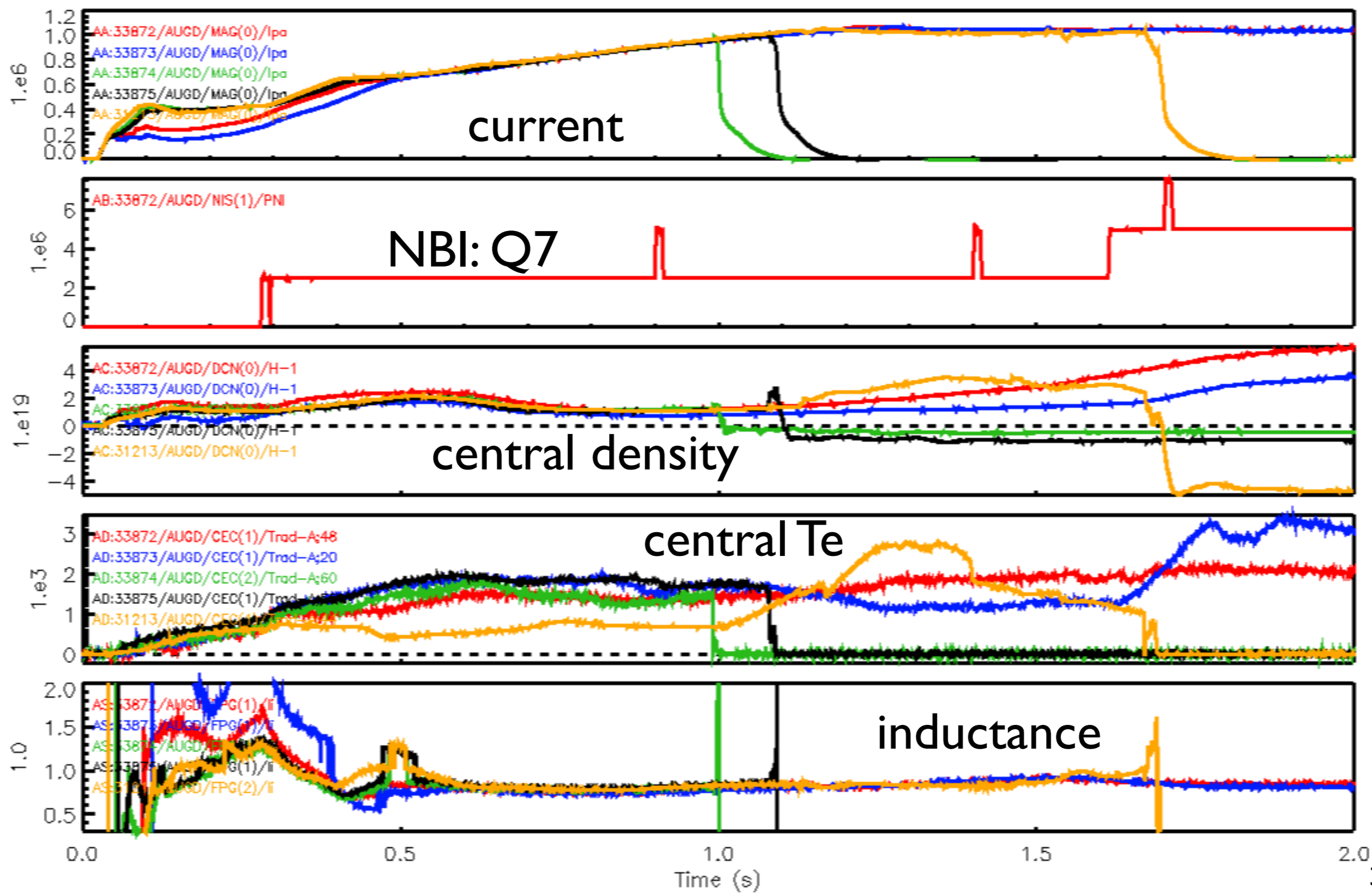
Report on early off-axis heating experiments

Ph. Lauber, G. Papp, P. Poloskei

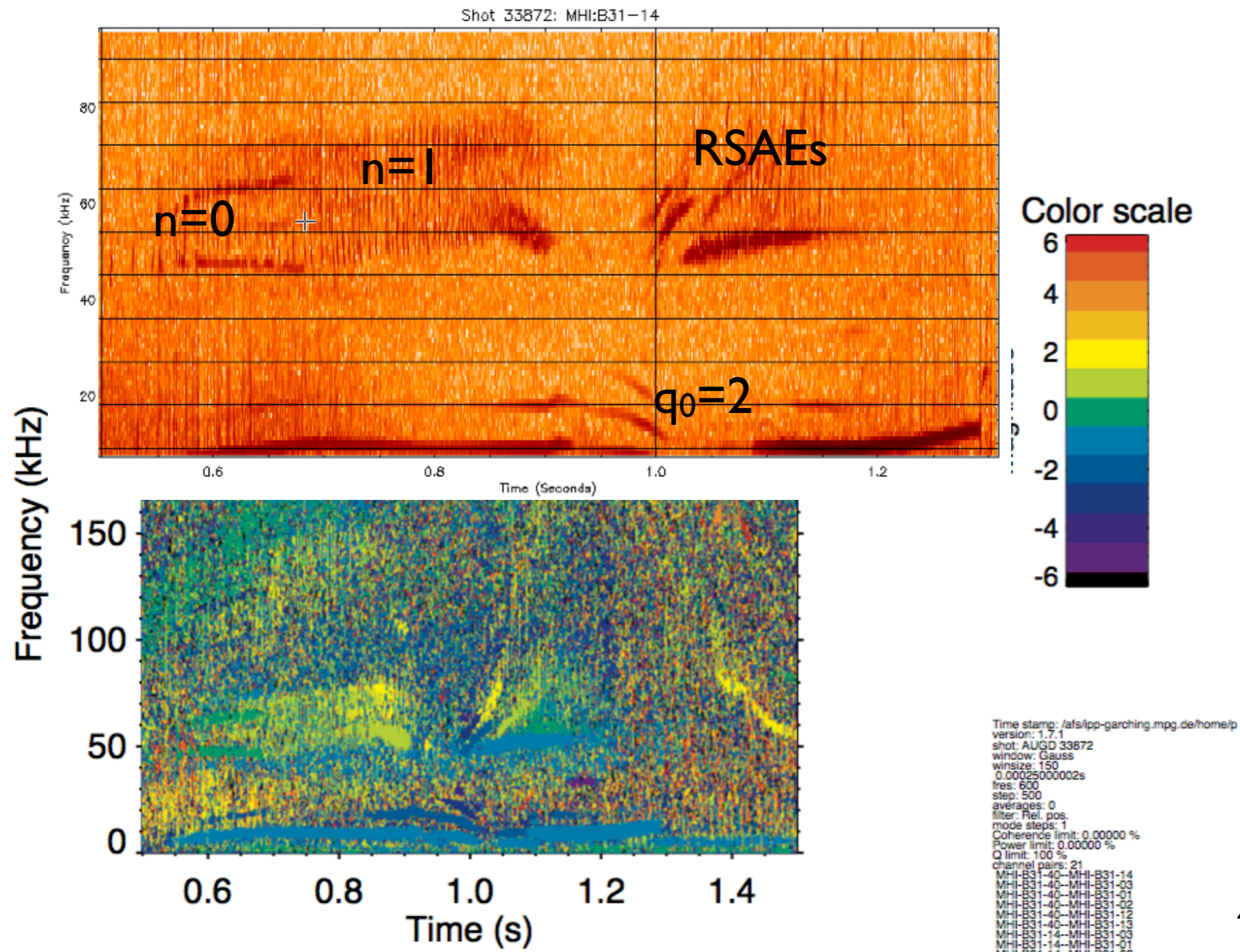
acknowledgements to M. Maraschek, A. Gude, V. Igochine,
B. Geiger, J. Hobirk, L. Guimaraes, P. Simon, G. Conway,
M. Willensdorfer and AUG Team



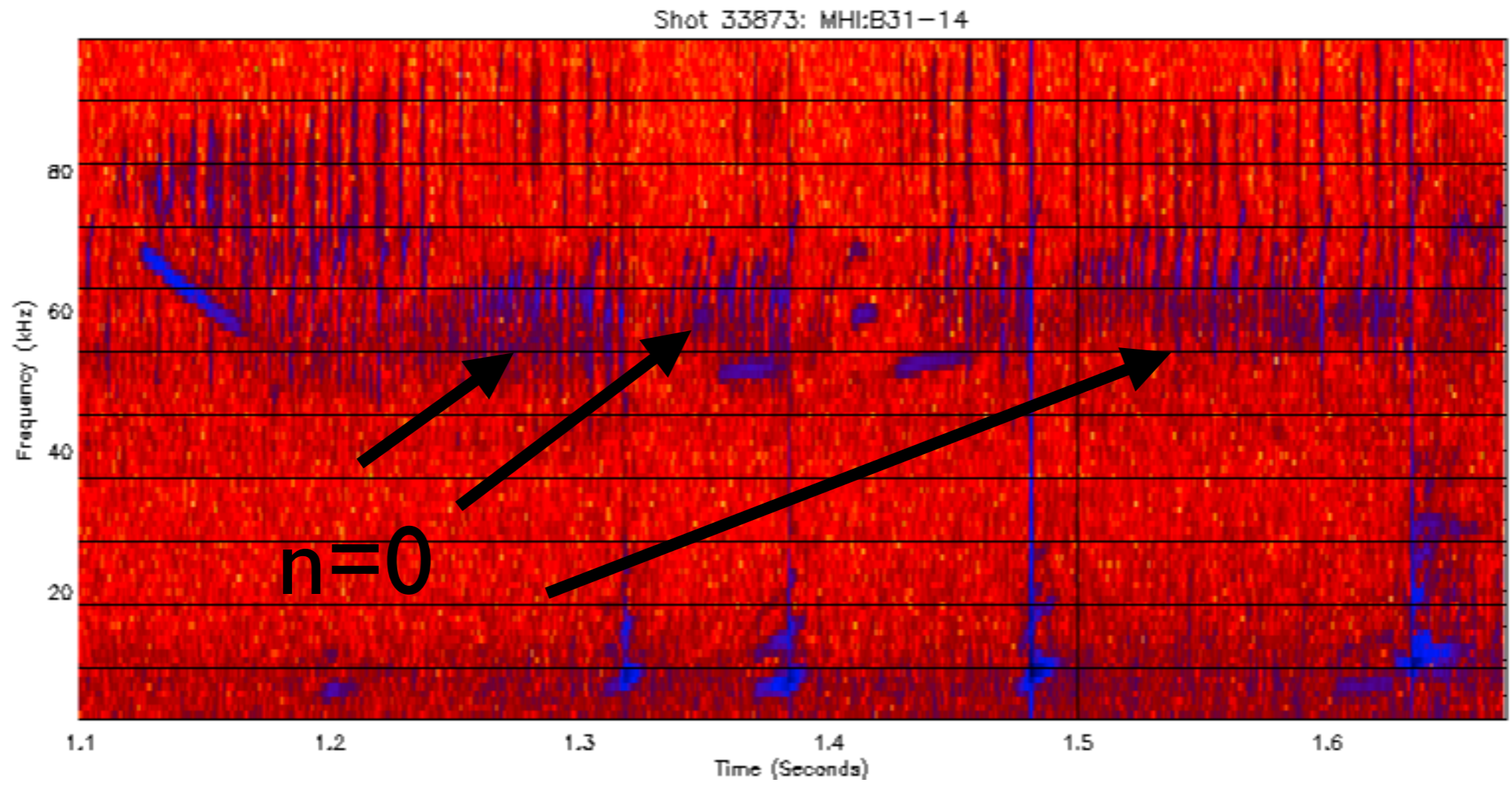
4 successful discharges: 33872, 73, 74, 75 reference: 31213



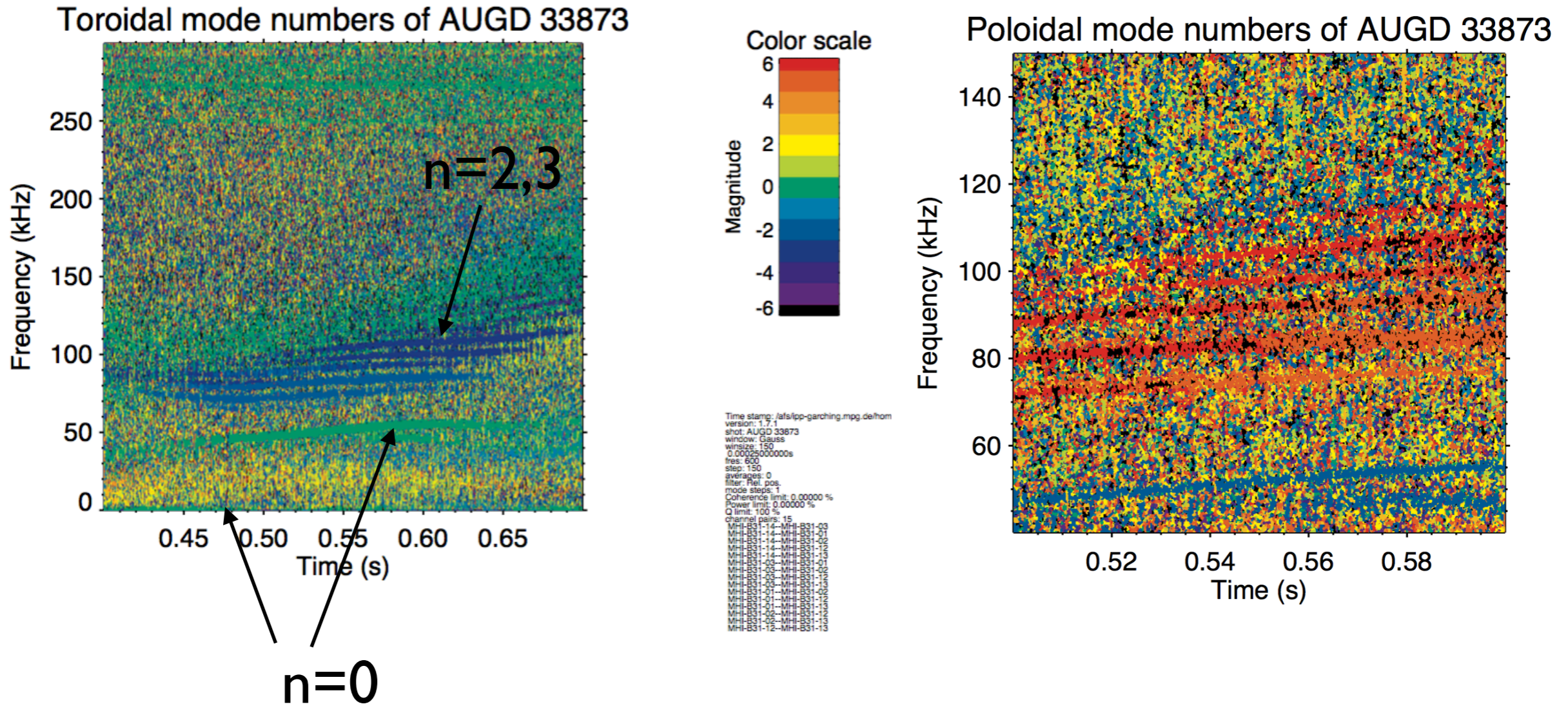
similar mode evolution pattern for RSAE different for EGAMs & BAEs due to higher Te (#33872)



#33873: Te drops to ~1keV between 1.1-1.7s: EGAMs (n=0)



for higher B: multiple RSAEs or TAEs with the same n and m!



non-linear interaction via n=0 structures to be investigated

- good data from magnetics, SXR, reflectometry, Doppler reflectometry,...- to be combined...
- repeat two discharges before next boronisation - more impurities for lower core temperatures and higher β_f/β
- understand differences in early phase (0-0.3s)
- elongation scan (ramp-up; needs some development...)