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## SZ power spectrum status

Planck has been producing the first tSZ power spectrum estimate from “all-sky” y-map in 2013. New estimates has been produced from updates of the ymap in parallele to estimation derived from the CMB data analyses by Planck, ACT and SPT. The latter just released there last results in the last month. I will review the different (sometimes in tension) signal estimates (and analyses they are derived from) as well as the ingredients of the modelling of the signal with emphasis on the “baryonification effect”. A bit more than 10 years after the Planck tSZ spectrum release this will make a census of where we stand, waiting for the next generation experiments.

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