Analysis of B Supergiants revised: plane-parallel vs Unified models

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We compare B supergiants stellar parameters derived from analyses using plane-parallel and unified model astmospheres. Both codes are stationary, NLTE and un-blanketed, and the atomic data set is also the same for both of them. Plane-parallel model atmospheres are calculated with ALI using DETAIL/SURFACE for silicon level populations and for the emergent spectra. Unified models are calculated using the code by Santolaya-Rey, Puls and Herrero (1997).