The published version of the KLB-1 phase diagram section (Fig 1., Jennings & Holland, JPet, 2015) vs raw output from Perple_X 6.8.8 (computed with the KLB-1_JH.dat input file, originally compiled by Debaditya Bandyopadhyay).

KLB-1_JH calculation: global_reach_increment 1, x/y_nodes = [60 60], initial_resolution = [1/10 1/38]

Computation time ~9 h.

A global_reach_increment of 1 was specified to reduce cosmetic flaws (rougher phase boundaries and a small spurious solvus). Without global_reach_increment computation time is reduced by an order of magnitude (< 1 h).