

This excel file provides calculations for the He, Ne, and Ar isotopic compositions of the atmosphere, depleted mantle, enriched mantle, and bulk silicate Earth (BSE). These data complement those reported in Table 7 (Estimated light noble gas composition for the combined silicate Earth and surface contributions) of *McDonough, W.F. (2026) Earth's composition: origin, energy budget, and insights from geoneutrinos. Geochimica et Cosmochimica Acta.*