



Fig. 3. Abundance of elements in cosmic rays as function of their nuclear charge number Z at energies around 1 GeV/ n , normalized to Si = 100. Abundance for nuclei with $Z \leq 28$ according to [Simpson \(1983\)](#). Heavy nuclei as measured by ARIEL 6 ([Fowler et al., 1987](#)), [Fowler et al. \(1977\)](#), HEAO 3 ([Binns et al., 1989](#)), SKYLAB ([Shirk and Price, 1978](#)), TIGER ([Lawrence et al., 1999](#)), TREK/MIR ([Weaver and Westphal, 2001](#)), Tueller et al. (1981), as well as UHCRE ([Donnelly et al., 1999](#)). In addition, the abundance of elements in the solar system is shown according to [Lodders \(2003\)](#).