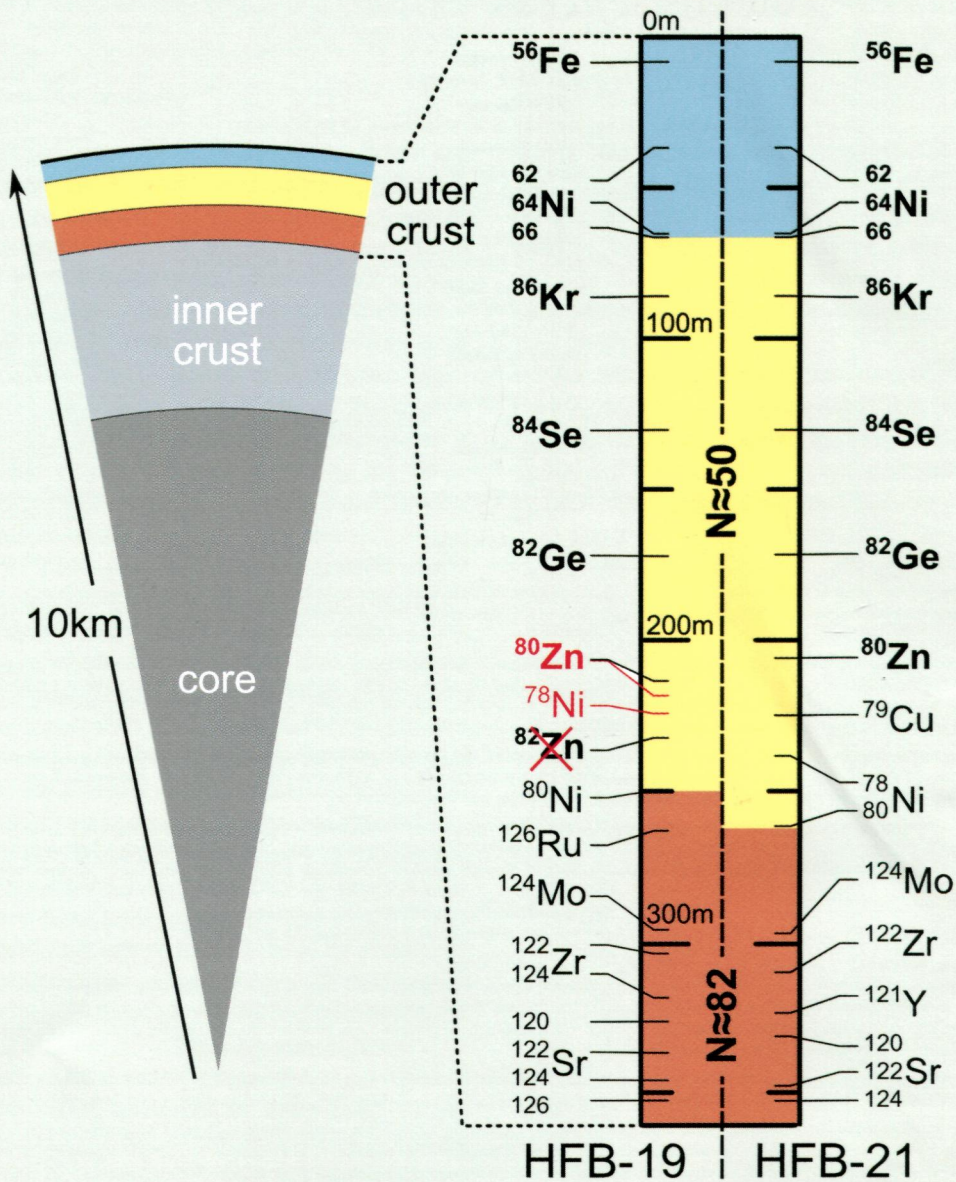


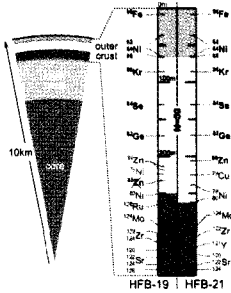
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Depth profile of a neutron star. Red type indicates how the predicted composition changes on the basis of a precision mass measurement of the neutron-rich isotope  ${}^{82}\text{Zn}$ . Selected for a Synopsis in Physics. [R. N. Wolf *et al.* Phys. Rev. Lett. **110**, 041101 (2013)]

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