

N-Z chart of the average *p-n* interaction energy of the last protons with the last neutrons in nuclei near Pb, extracted from a new, more extensive nuclear-mass tabulation. High energies are in red & pink; low energies in blue. In both the $Z \leq 82, N \leq 126$ and the $Z > 82, N > 126$ regions, the orbits of the last protons overlap strongly with the last neutrons and the *p-n* interactions are correspondingly larger there. See article 092501.



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