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How meson crossing terms reconcile the recent observational data.

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The last decade observational data show that massive neutron star have masses above 2.1 Msun what indicate rather stiff EOS, whereas the lightweight star observed by NICER and HESS appears to be very compact what suggest rather soft EOS. Such opposite properties (stiff at higher densities and soft at lower) are available in RMF nuclear model equipped with new kind of crossing terms, describing coupling between isovector and isoscalar mesons.

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