

## Anti-neutron Stars within the Milky Way

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Please forgive the informal nature of this article. I've been studying neutron stars on and off for the past fourteen years; black holes for much less time. I consider myself an amateur black hole theorist, but regarding neutron stars, even less than that. So please read the following with that in mind.

Extrapolating my meager understanding of *hypothetical* antimatter black holes, I've deduced a list of properties for anti-neutron stars that reside within the Milky Way or its halo:

1. **born outside** the MW galactic disk
2. possesses antigravity / **repulsive gravitation**
3. location **must** be in some analogy of a Lagrange point
4. exhibits **purely** thermal energy distribution
5. **extremely low** magnetic field strength

Examples:

Calvera, 1RXS J141256.0+792204

PSR J1740+1000

reference: arXiv: 1310.6789v1

As the reader can deduce, spin is irrelevant as long as it's demonstrable and makes the candidate separable from new-born matter neutron stars. As we accumulate evidence for both categories, we should be able to delineate other indicators. One more confounding factor is the category of neutron stars with misaligned magnetic fields with respect to geometric spin. Because of this category, there will be some initial confusion and legitimate doubts of the existence of anti-neutron stars. However, this author is confident both antimatter black holes - and - anti-neutron stars will be confirmed observationally within the next few years.