

## Doubling Number of -Z Bosons While Eliminating -H Bosons: Result of Perceived Dark Matter Annihilation

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Abstract: My recent publication viXra 1605.0223 indicates that dark matter requires more energy than 34 GEV gamma radiation to annihilate: the best one can do is annihilate -H bosons with the aid of -Z bosons ( $2(H-Z)$ ). The result doubles the number of -Z bosons very close to the centers of spiral galaxies. This lessens the energy needed to manufacture stars spiraling away from the center of the galaxy.

In my last note I reported agreement with 33.81 GEV annihilation gamma emission energy<sup>1</sup> but that this meant that the -H bosons were eliminated but the -Z bosons were doubled in number. This is actually beneficially to the growth of spiral galaxies, since it reduces the energy needed to manufacture stars. Apparently the scalar H bosons do not have this capability and have only one use, that of fermiboson.

Observation of possible correlation between 33.81 GEV radiation and spiral galaxies with “bars” would be very interesting. The statement I made in viXra 1605.0223 that -Z bosons were re-incorporated in positive energy form was probably incorrect. Also, the factor 2 applied to the process fermiboson count should be removed.

1. Dan Hooper, Francis Reddy, “Fermi telescope data tantalize with new clues to dark matter”, Uchicago, 2014/04/03