68.3%/26.8% Dark Energy/Fermions Recent Ratio Measurements Matched Within 6% by Disruption-Annihilation of (ttH + ttZ) Plus (tH + tZ) Fermibosonic Entities

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Abstract: Disruption-annihilation of 2 varieties of spin1/spin 0 fermibosonic entity (processes) is sufficient to match within 6% the observed recent abundance ratio of dark energy/fermions in the universe.

My recent[1] publication concerning the dark energy / fermion ratio in the universe used obsolete data for which I am sorry. Newer data yields a poor fit. This can be much improved if the tH and tZ probable components (only the tZ has been confirmed[2]) are included.

The simple mathematical calculation is as follows: H+Z = 216.19. (4t +2t)/2(216.19) = 2.405 = dark energy/fermionic matter (ordinary matter). Comparing this ratio to the measured[3] ratio for the universe of 68%%/26.8% = 2.55 gives 1.06 or 6% larger for the measurement.

1. “72.8%/22.7% Dark energy/fermions=mass 4 top quarks/mass (H+Z) bosons: why? “, ViXra: 1603.0039, (2016)

2. CDF Collaboration, T. Aaltonen et al., “First observation of electroweak single top quark production”, Phys. Rev. Lett.. 103 (2009), arXiv: 0903.0885 (hep-ex).

3. “Dark energy”, Wikipedia, (2016)