A possible excess of antiparticles in cosmic rays

S.J.Fatemi,m.alizadeh Department of physics, University of Kerman,Kerman,Iran}

The search of antimatter in cosmic radiation is continuing one. Here we set a limit on the flux that could be truly primordial, i.e.,not simply due to the interactions of cosmic ray nuclei with the gas in the interstellar medium. The upper limit to the primordial flux is such that, if it is of extragalactic origin, and therefore uniformly distributed through out the universe, the overall $m/bar{m}\$

References:

[1] Asakimoroi K. etal. (1998)ApJ,502, 278

[2] Adams etal,1997,ApJ,6.

[3] Simon M.,1998, ApJ, 499,250

[4] Stecher F. W. etal, 1984, Nature, 309, 37

[5] Yashimura K. etal, 1999, Proc \$26^{th}\$ ICRC, 3,81