

Spatial structure of WMAP/Planck haze

Yana Zhezher
Lomonosov Moscow State University
Moscow, Russia

Recently, two phenomena showing the excess of radiation in the Galactic Center region were found: WMAP/Planck haze, representing low frequencies and Fermi bubbles on high frequencies. Both of them do not have a theoretical explanation yet, and one of the possible solutions is a common origin of all the phenomena found in the GC region. One of the consequences of such scenario would be a coincidence of spatial structures of those phenomena, which has been studied in this work.