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Nucleosynthesis in plasma-redshift cosmology ARI BRYNJOLFSSON, Applied Radiation Industries — We have previously shown that plasma-redshift cosmology explains well the cosmological redshifts, the redshift-distance relation for supernovae Ia (SNe Ia), the cosmic microwave background (CMB), the cosmic X-ray background, and the surface brightness of galaxies. There is no need for dark energy, dark matter, or black holes. We will show that plasma-redshift cosmology, which follows from conventional laws of physics without any new assumptions, leads to quark-gluon plasma conditions that are similar to those surmised ad hoc in the initial phases of the big-bang. These initial conditions exist in objects that are considered black hole candidates (BHCs). This primordial like quark-gluon and photon plasma can escape from the centers of BHCs and renew or recreate protons and neutrons and the light elements previously assumed only to be created in the big-bang. Plasma-redshift cosmology explains therefore the primordial like nucleosynthesis. This also leads to explanation of the gamma-ray bursts. We have failed to find any need or reasonable support for the big-bang explanation. We find that the observed nucleosynthesis and the many other phenomena are consistent with the plasma-redshift cosmology.

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