

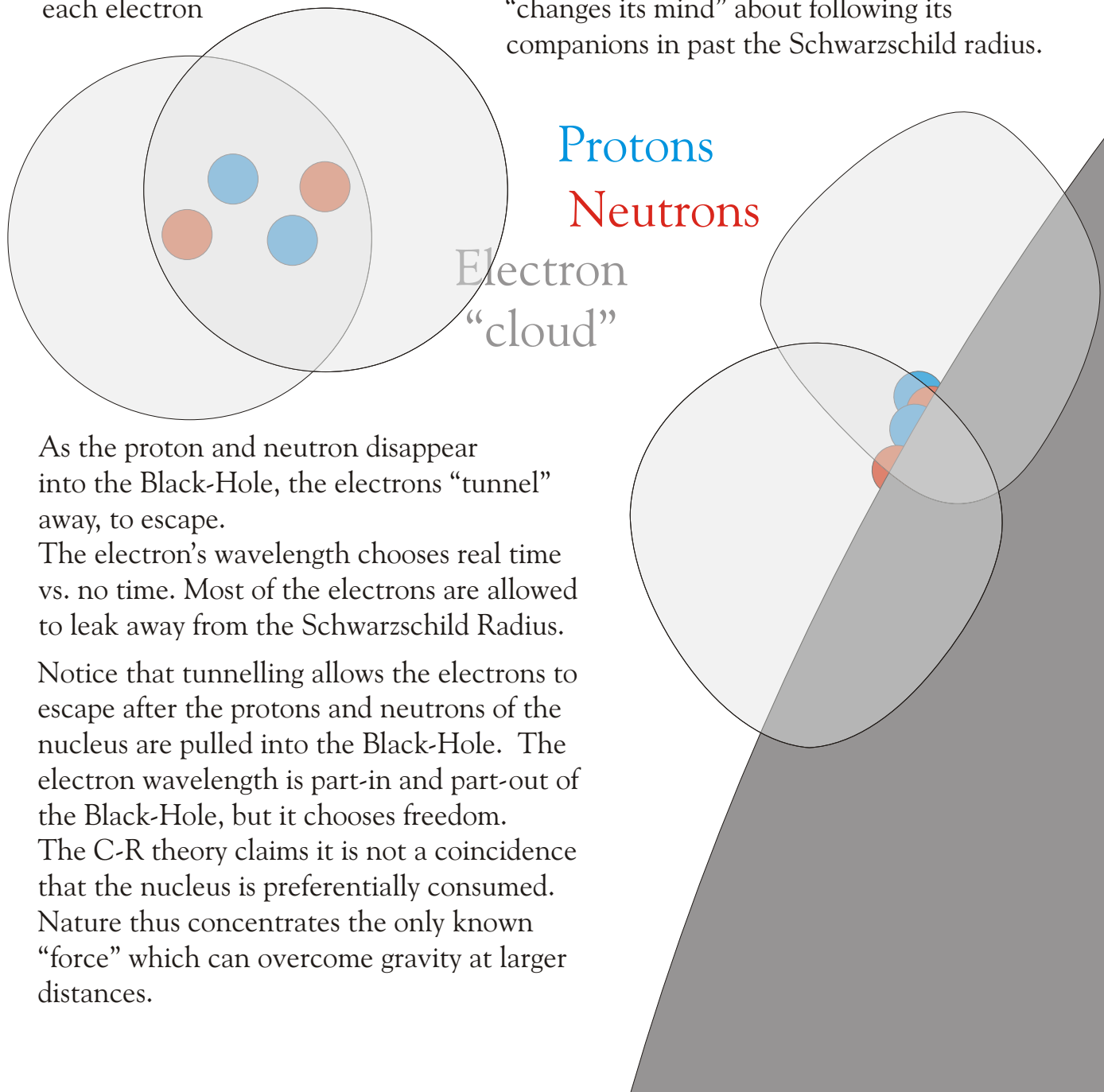
# Watching a Black-Hole consume the heavy nucleus, -yet reject those pesky electrons!

We have some matter, in this case a helium atom, bound for a journey into a Black-Hole. The electrons “cloud” around the nucleus, or their wavelength is spread-out over many times the size of the compact nucleus.

Notice that each proton and each neutron is more than 1800 times as massive as the electron.

Notice also that each electron acquires 1800 times the kinetic energy compared to it’s mass than the nucleus.

Notice as well that after the charged particles in the nucleus are fully consumed, up to 50% of each electron is still “active”. Once the charge-attraction is severed, each electron “changes its mind” about following its companions in past the Schwarzschild radius.



As the proton and neutron disappear into the Black-Hole, the electrons “tunnel” away, to escape.

The electron’s wavelength chooses real time vs. no time. Most of the electrons are allowed to leak away from the Schwarzschild Radius.

Notice that tunnelling allows the electrons to escape after the protons and neutrons of the nucleus are pulled into the Black-Hole. The electron wavelength is part-in and part-out of the Black-Hole, but it chooses freedom.

The C-R theory claims it is not a coincidence that the nucleus is preferentially consumed.

Nature thus concentrates the only known “force” which can overcome gravity at larger distances.