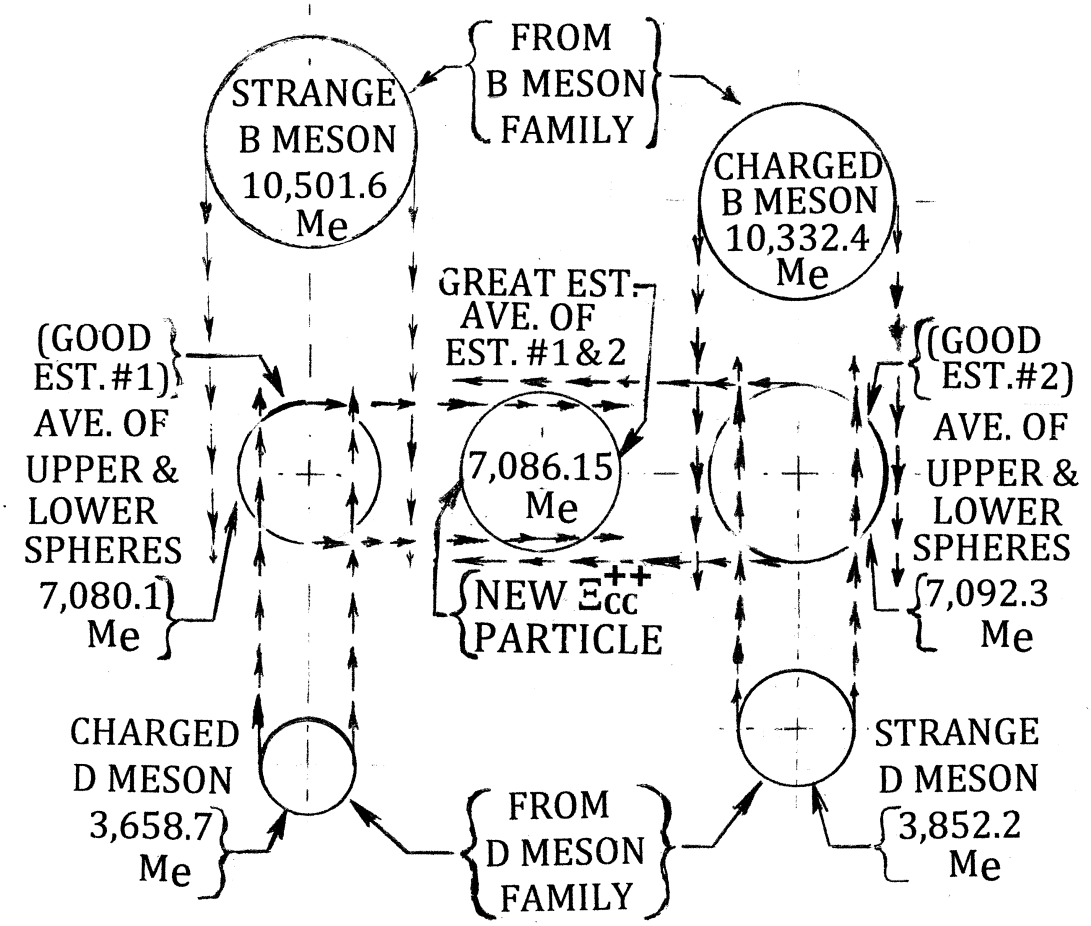
See below for the 'Averaging Method' leading to good mass candidates for a particle.



NOTES: (Me) DENOTES THE MASS OF 1 ELECTRON.
(Me) = 0.511 MILLION ELEC. VOLTS (MeV) OF ENERGY.

The above Drawing shows how the "Averaging of two already known Particle masses" – tends to predict a good mass candidate for 'Nature' to match -- by creating a new particle with a mass nearly equal to that 'average'. Especially if averaging **2 pairs** of already known particles 'lands on' nearly the same mass (candidate), not just a 'nomination' by 1 pair.

The newly discovered particle, the '**Xi Double Charm Baryon**', (Ξcc^{++}), with the mass of **7,086.1** electrons, is virtually matched, as shown above, by using such 'averaging method' – i.e., to propose a good, and thus probable, mass value for a new particle to have.

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