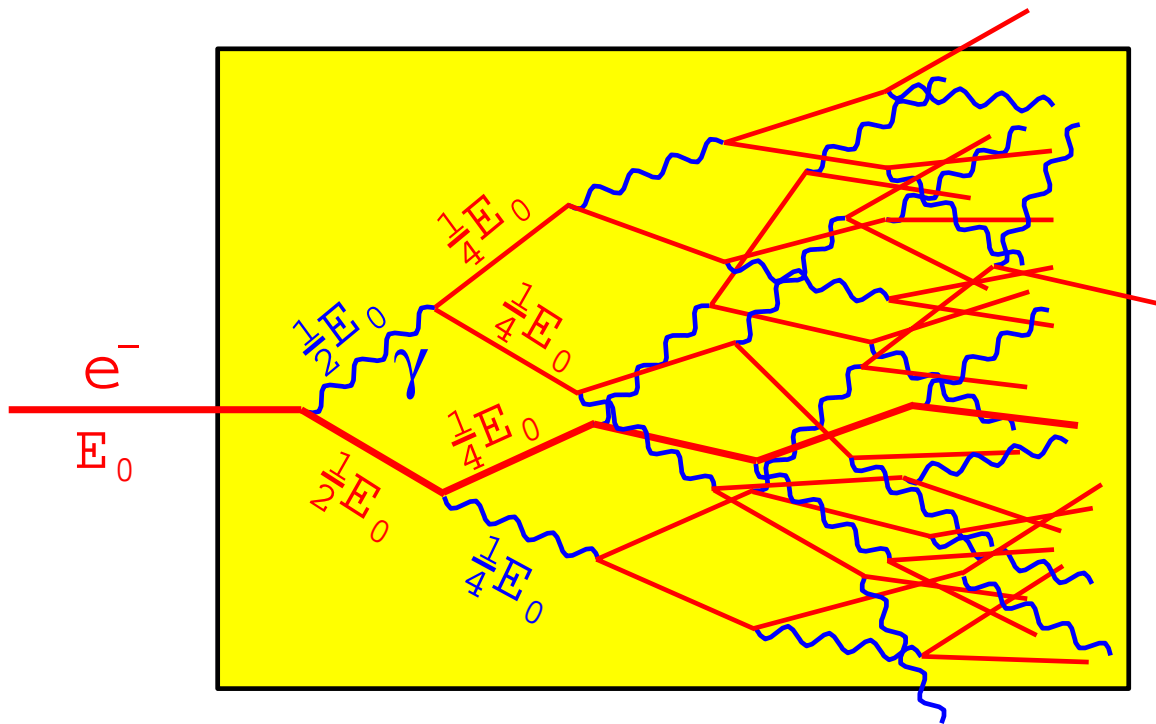


Electrons in Matter



The electron interaction in matter is a combined phenomena of pair production and bremsstrahlung which results in an electromagnetic cascade (shower).