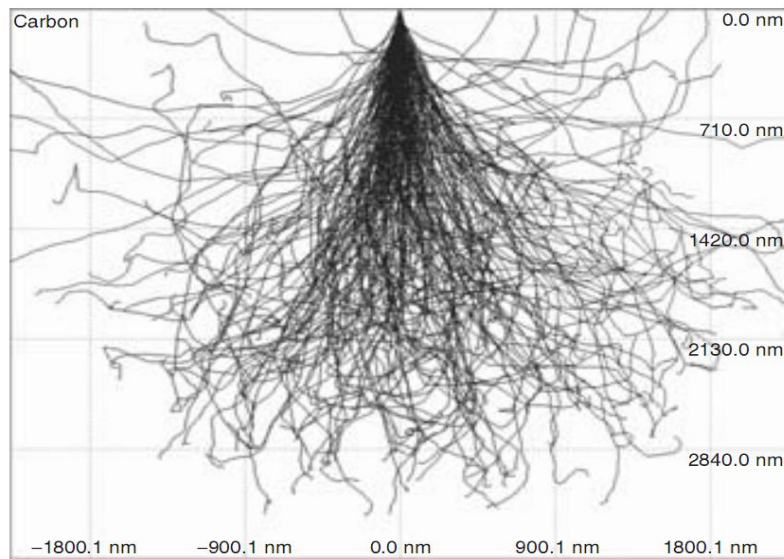
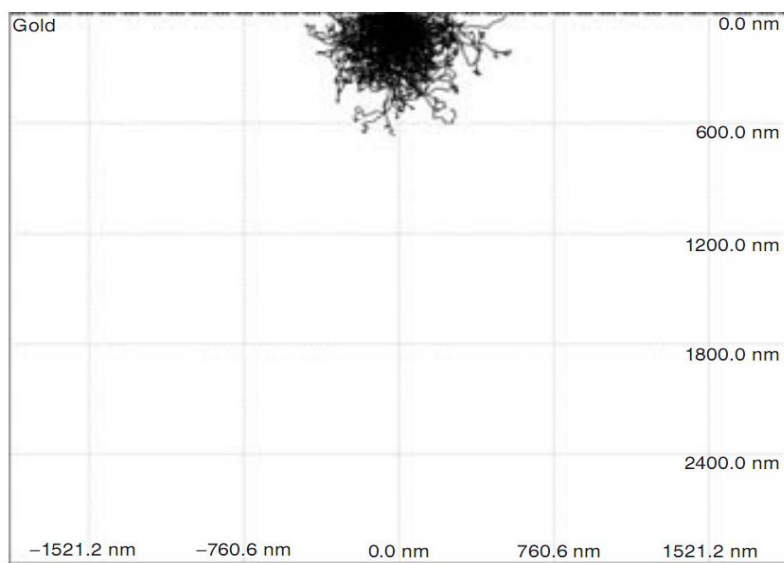




Carbon
Z = 12

(a)



Gold
Z = 79

(b)

Monte Carlo electron trajectory simulations of the interaction volume at 20 keV and 0° tilt for elements of different atomic number Z : (a) carbon (low Z) and (b) gold (higher Z).