



Discovered in 2010



Scientists from the JINR in Dubna, Russia, the Lawrence Livermore National Laboratory in California, USA, and Oak Ridge National Laboratory in Tennessee, USA



Created by bombarding atoms of Berkelium with ions of Calcium



The name refers to the US state of Tennessee

Tennessee

# Ts

117

Tennessee has four isotopes, two with known half-lives and two with unknown half-lives. The most stable isotope is  $^{294}\text{Ts}$ . It has a half-life of about 80 milliseconds. It decays through alpha decay.