

*On the cover is the plutonium compound (2.77 micrograms of oxide), which was the first to be weighed by man on September 10, 1942. It is on a platinum weighing boat and is magnified approximately 20 fold. The plutonium oxide appears as a crusty deposit (upper left hand part of the photograph) near the end of the platinum weighing boat, which is held with forceps that grip a small handle (lower right hand part of photograph). Below is another picture of the same compound magnified 85 times. The plutonium is indicated by the arrow.*

