

III. HOMOGENEOUS DATA

A. PLUTONIUM SYSTEMS

1. Correlation Between Calculation and Experiment
2. H/Pu versus Plutonium g/l Relationship
3. Critical Sphere Dimensions

Earlier graphs within this and following divisions have the percentage by weight of the major fissile atom (Pu-239) as the fourth identification number (e.g., III.A.3.97-2 would signify the second graph showing data for plutonium containing 97 weight percent Pu-239). Later graphs have been modified to set off the weight percent by parentheses, III.A.3(97)-2, in the interest of clarity.

4. Critical Cylinder Dimensions
5. Critical Slab Dimensions
6. Critical Mass - Sphere
7. Critical Mass per Unit Height - Cylinder
8. Critical Mass per Unit Area - Slab
9. Critical Volume
10. Material Bucklings and Infinite Multiplication Factor