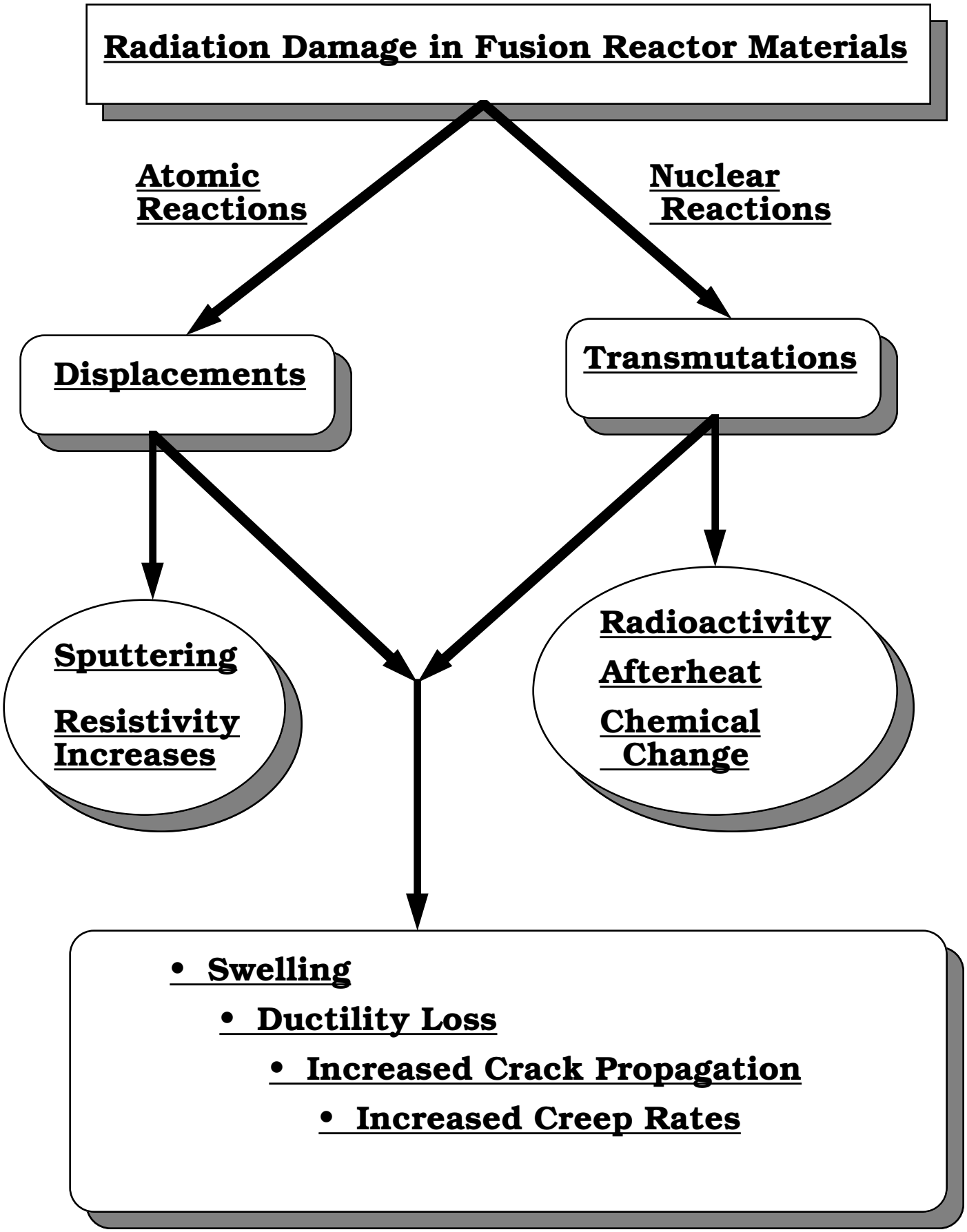
Radiation Damage in Fusion Reactor Materials
Atomic Reactions
Nuclear Reactions
Displacements
Transmutations
Sputtering
Resistivity Increases
Radioactivity
Afterheat
Chemical Change
• Swelling
• Ductility Loss
• Increased Crack Propagation
• Increased Creep Rates