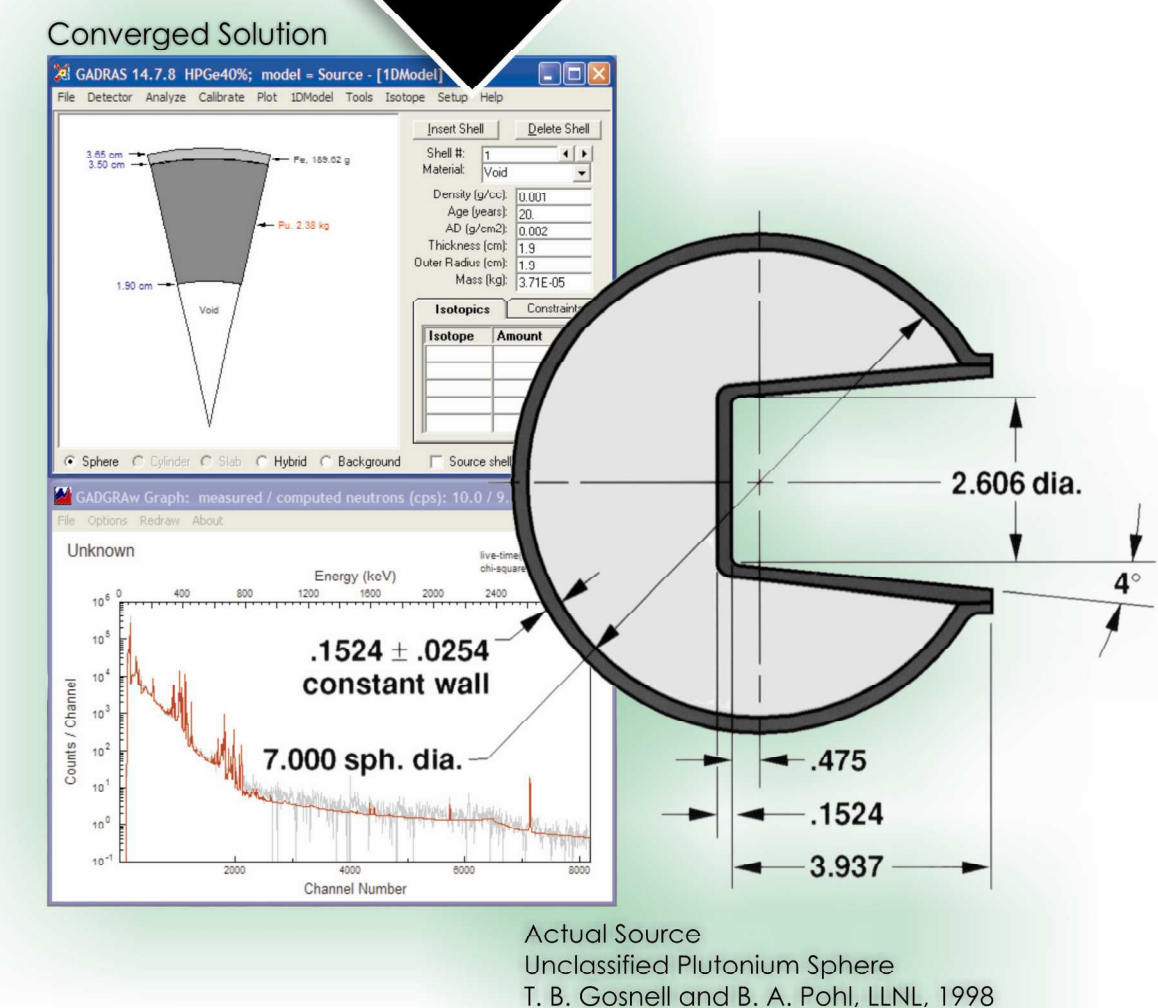
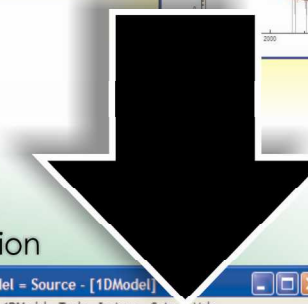
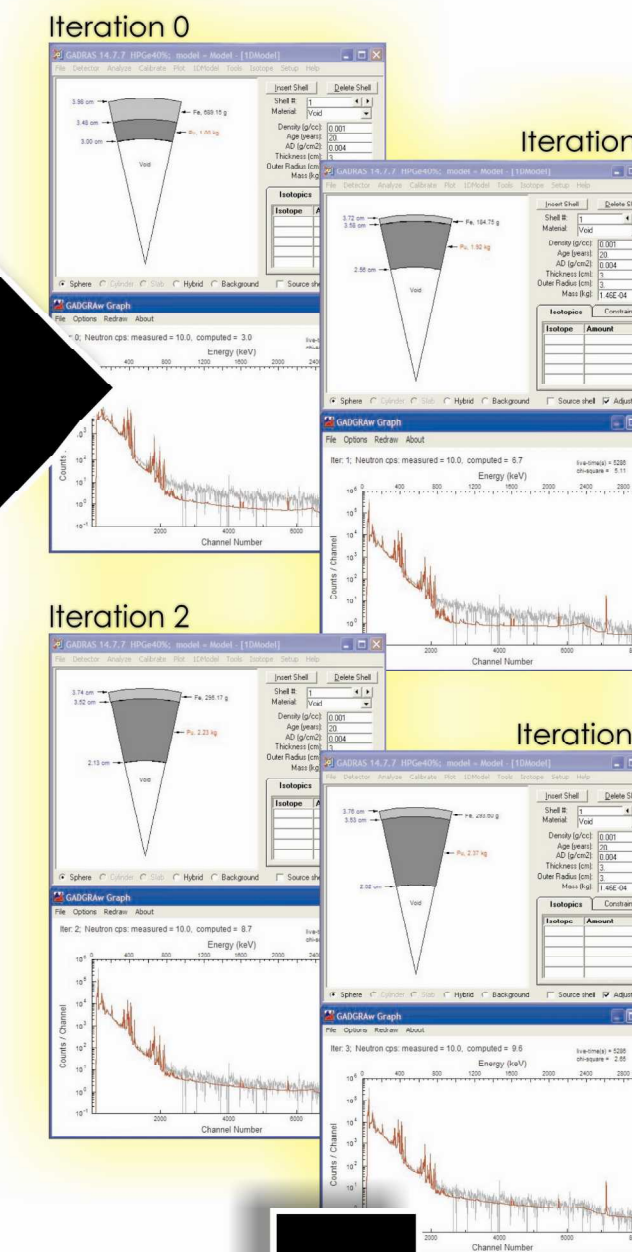
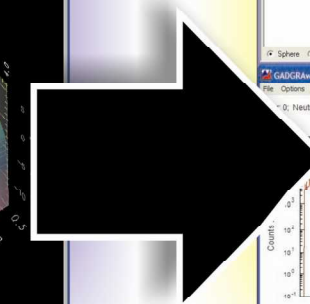
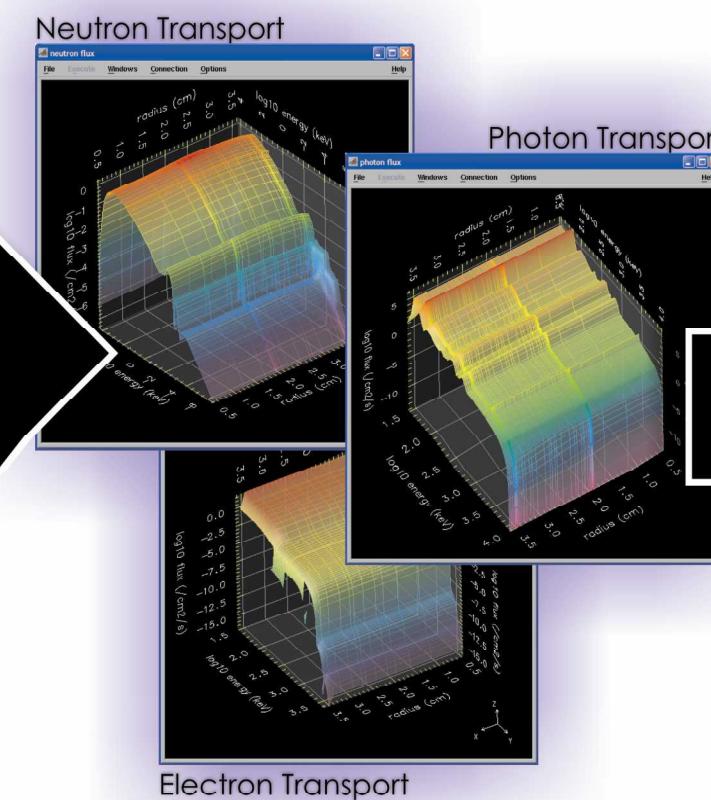
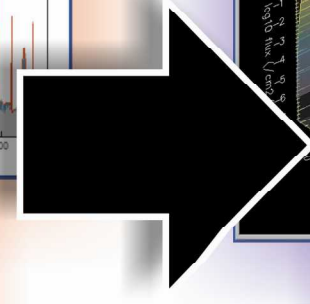
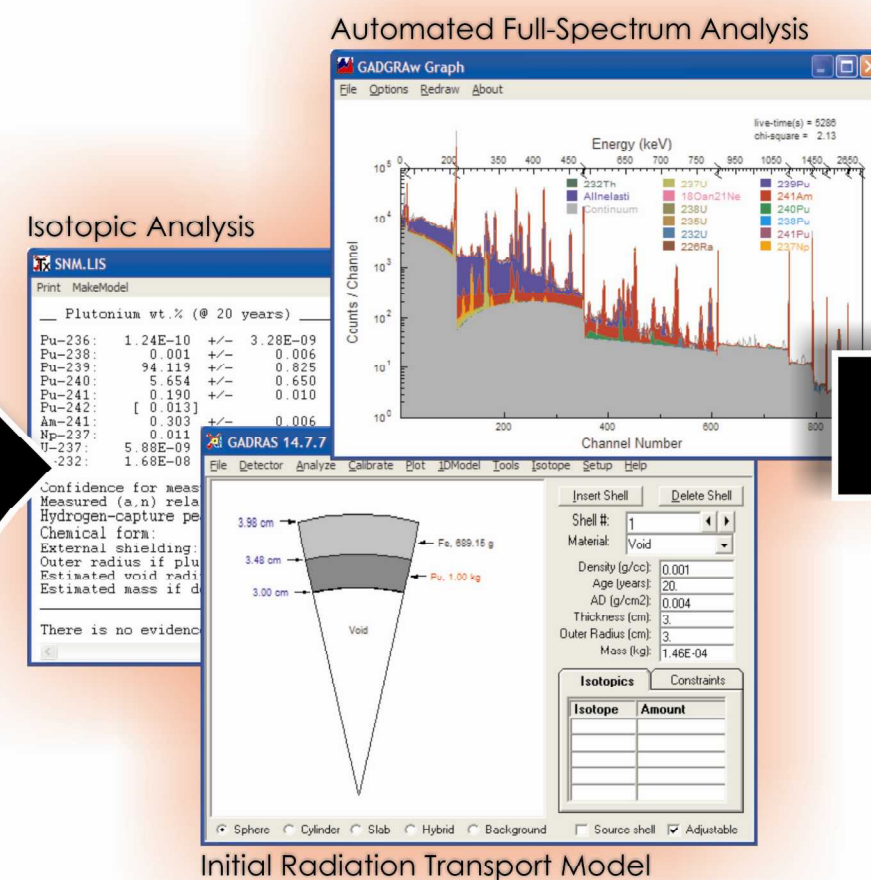
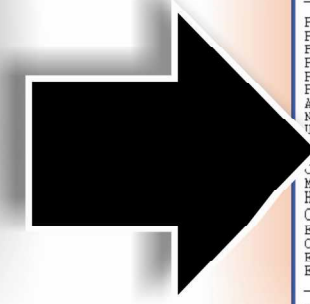


GADRAS

Gamma Detector Response Analysis Software

- 0** Data Acquisition
Measure Unknown Radiation Source
- 1** Initial Model
Assisted by Automated Analysis
- 2** Radiation Transport
Predict Measured Signature
- 3** Iteration to Solution
Find Model that Matches Signature



- 4** Final Assessment
Best Model that Matches Signature

Toolkit to

- assess radiation source design from measured signatures
- use radiation transport and high-fidelity detector response modeling
- enable automated characterization of shielded SNM

