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CritView Database Expansion

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NCSP Technical Program Review
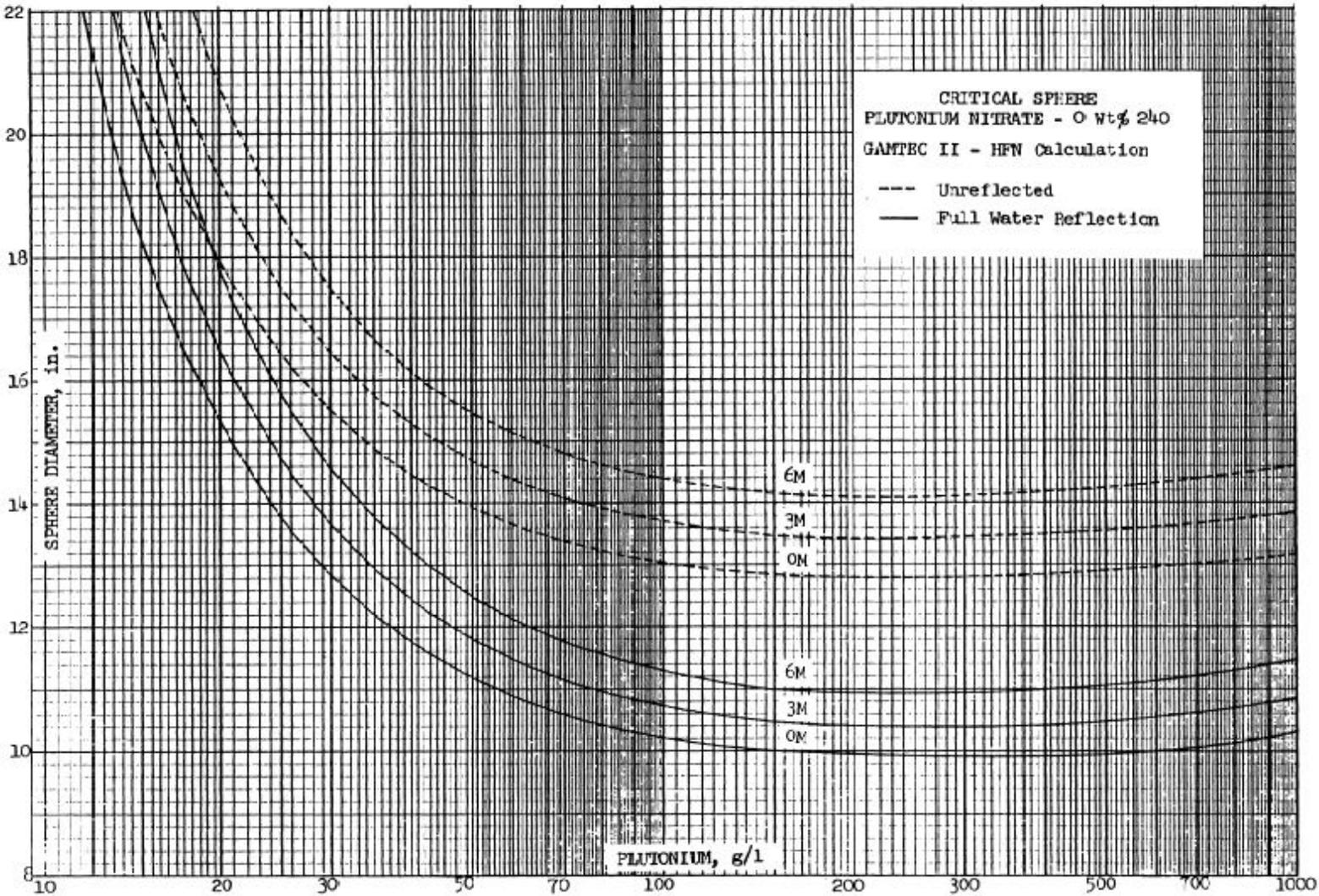
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Purpose of Presentation

This presentation is intended to provide the audience with the current status of CritView and the recent database expansion.

CritView Overview

- **Designed to be an "electronic handbook"**

- **Provides a versatile interface for ARH-600**
  - Data from other sources can be added as well
  - Allows users to customize the curve plots to fit their needs

- **Can make multiple handbooks and data sets available in one place**

- **Provides updated and well documented data (e.g., reproduces ARH-600 with MCNP)**
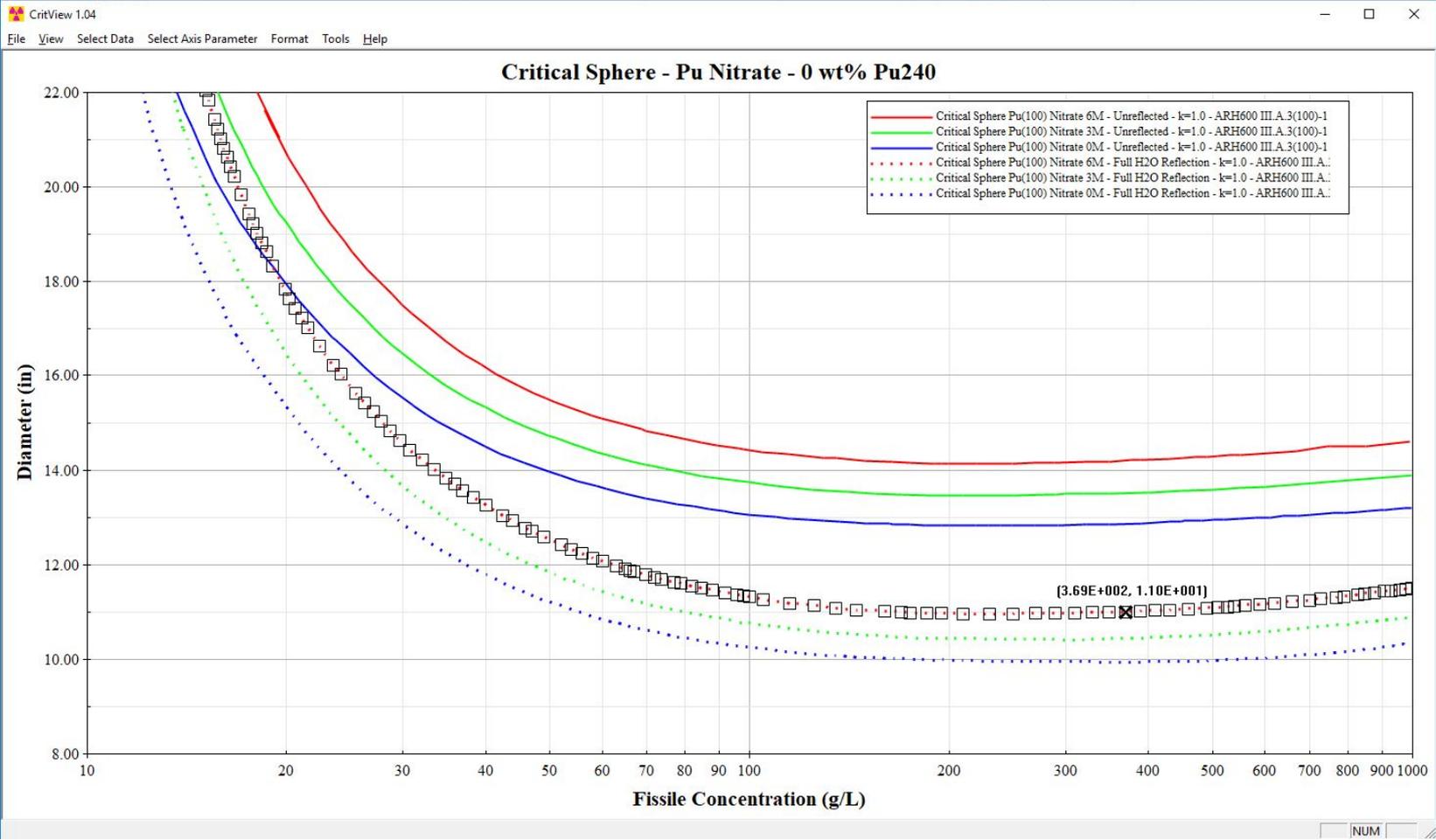
Example Graph from ARH-600

Example Screenshot from CritView v1.04

2021 Accomplishments

- **Database Expansion**

  – Digitized all LA-10860 graphs

  – Modeled major ARH-600 configurations with SCALE 6.1/v7-238

  – Developed CritView compatible data files for all new data

Future Work

- **Complete and release documentation of new data**

- **Update CritView to better accommodate new data**

- **Incorporate new data into CritView database**

Code Availability

- **Available for download from NCSP web page at [http:\\ncsp.llnl.gov](http:\\ncsp.llnl.gov)**

  Analytic Methods tab

  CritView (on left sidebar)

  Click on Download CritView

- **For more information, contact Scott Finfrock or David Erickson**

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