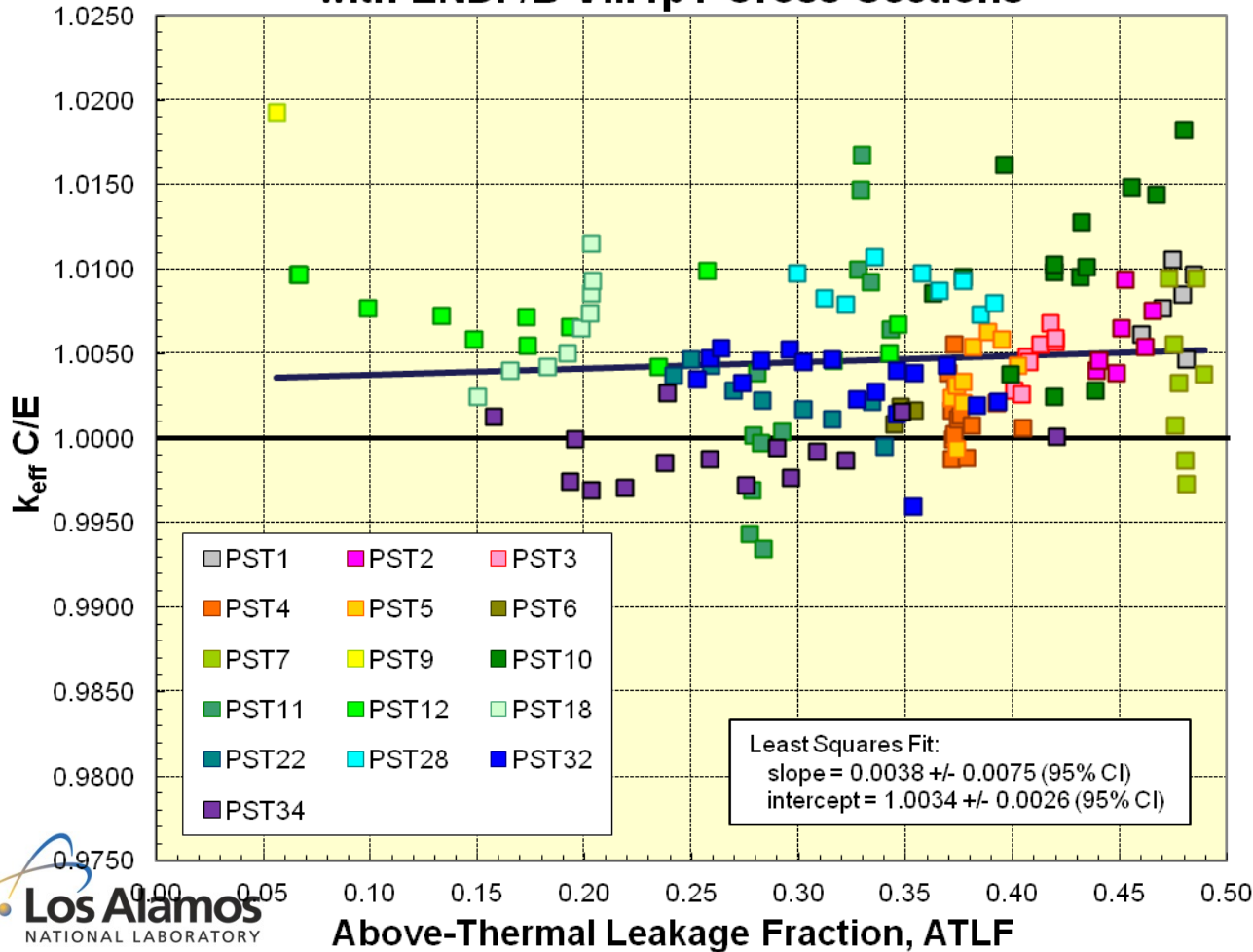


Pu Solution Systems

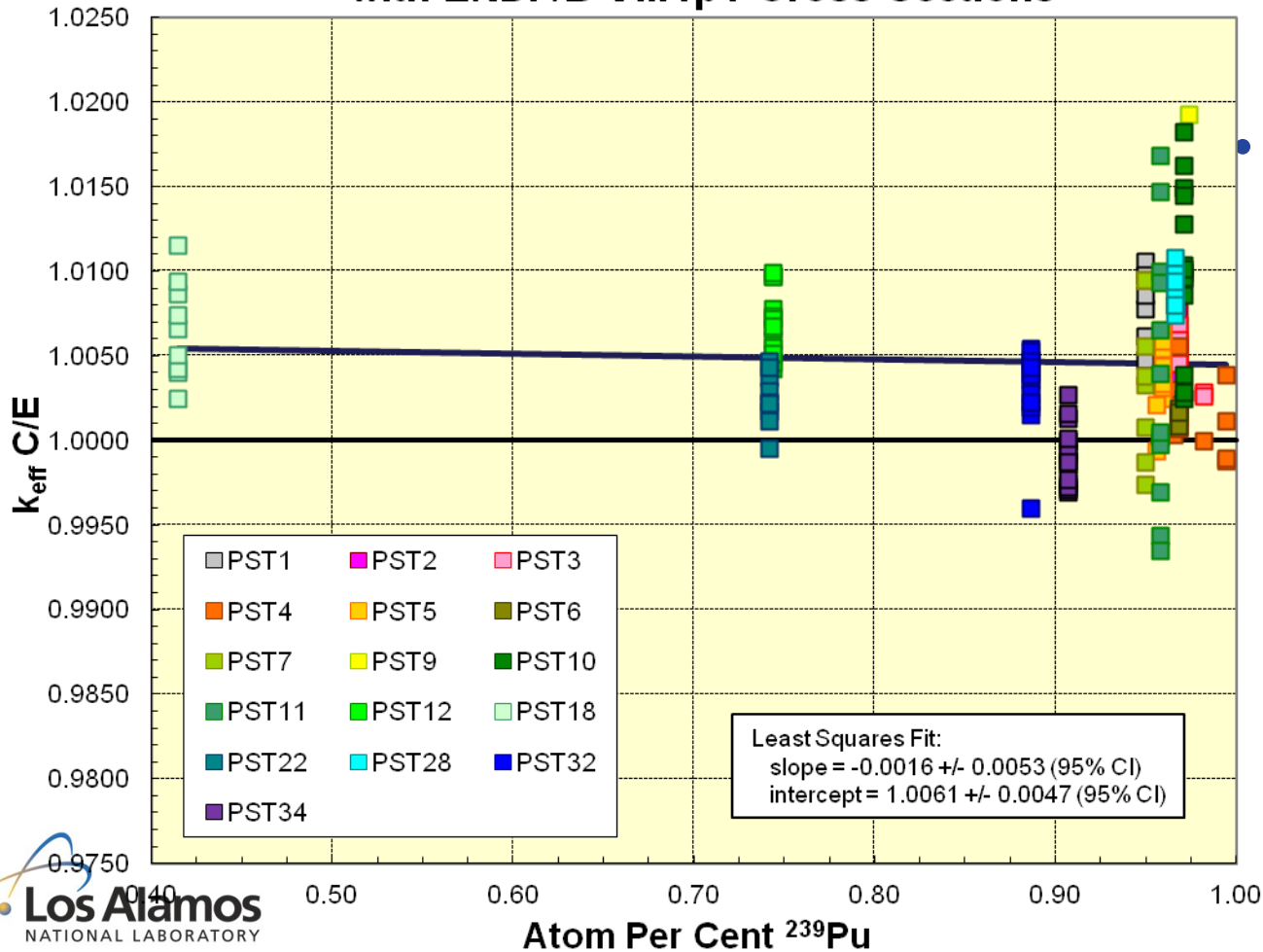
PU-SOL-THERM Benchmark Eigenvalues
with ENDF/B-VII.1β4 Cross Sections



- PST benchmarks.
- No ATLF trend (same as HST).
- ^{239}Pu atom percent mostly >90%, but some at ~75% and ~40% (next figure).
- PST34 is sensitive to Gd

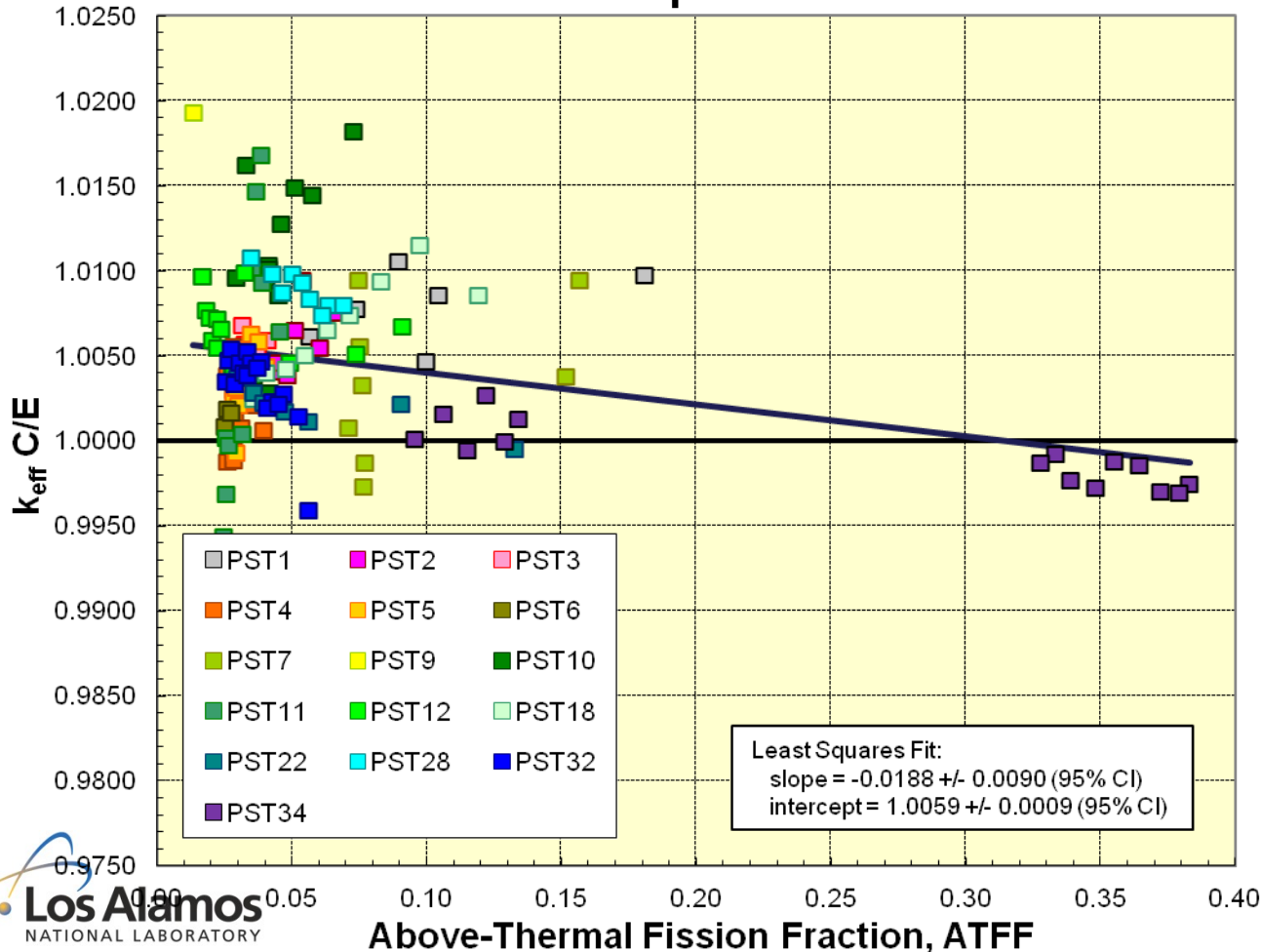
Pu Solution Systems

PU-SOL-THERM Benchmark Eigenvalues with ENDF/B-VII.1 β 4 Cross Sections



Pu Solution Systems

PU-SOL-THERM Benchmark Eigenvalues
with ENDF/B-VII.1 β 4 Cross Sections



- k_{calc} trend with Above-Thermal Fission Fraction (ATFF)
- Driven by PST34, which has Gd, but ...