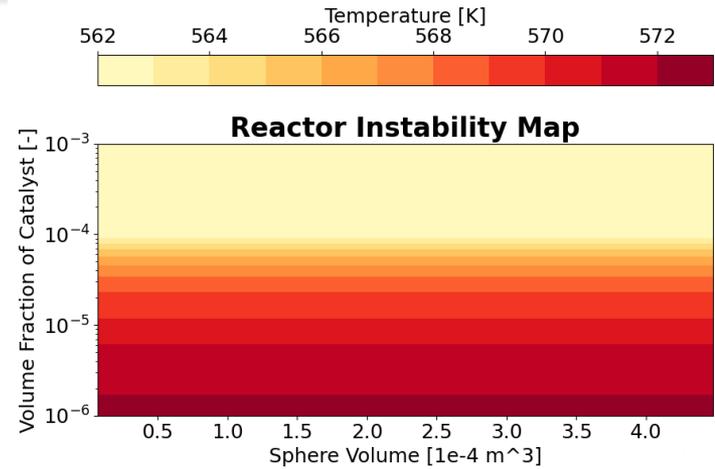


Hot Spots: Quantifying Risk for Reactor Failure and A Measure for the Validity of the Lumped Capacitance Assumption

1

Ethylene
Decomposition



2

Lumped Capacitance Assumption:

Biot Number ≤ 0.1



Yonkist Number $\leq \sim 0.75$

