Transforming Waste Immobilization and Disposal

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RADIOACTIVE WASTE:
MEETING THE CHALLENGE
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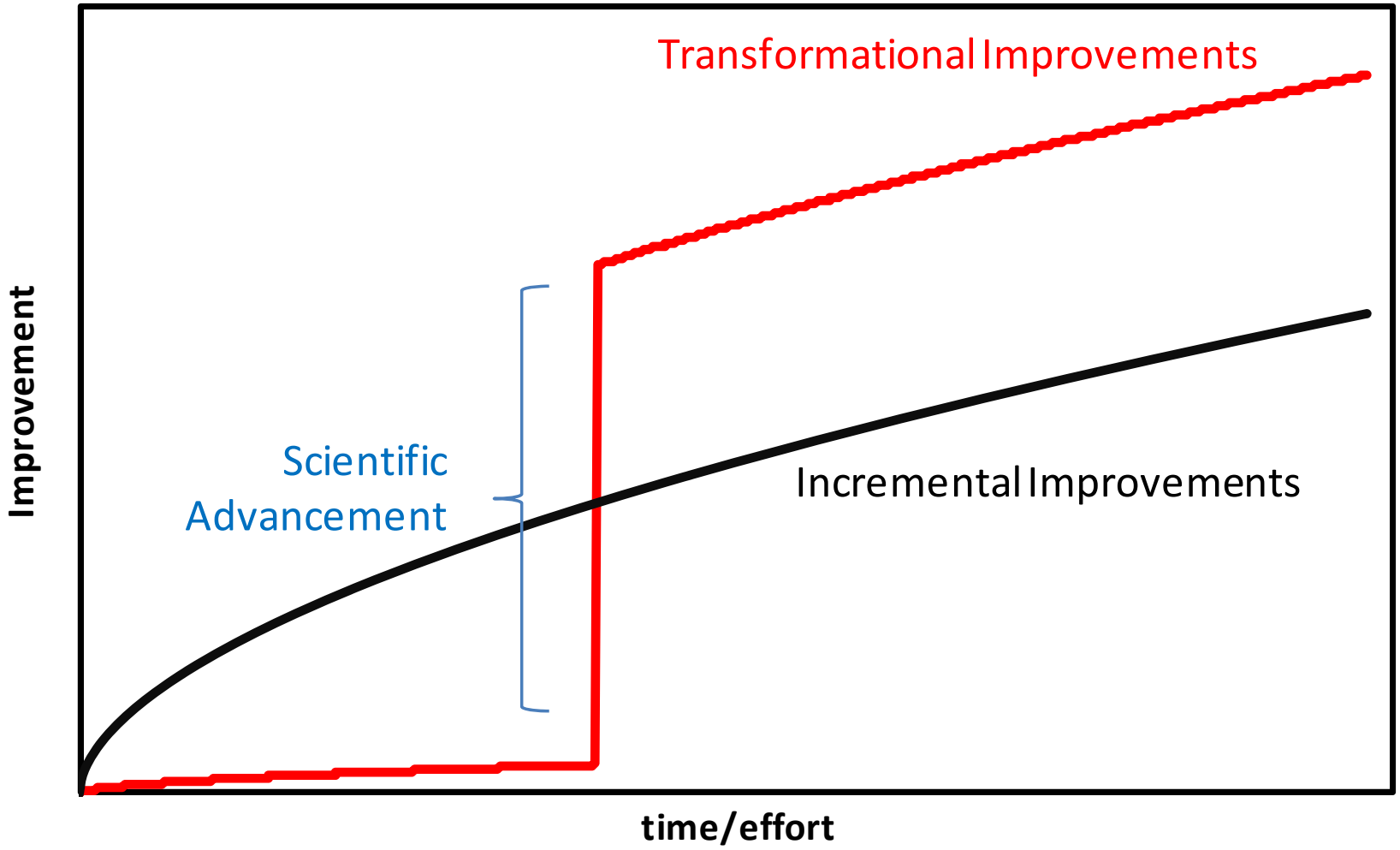
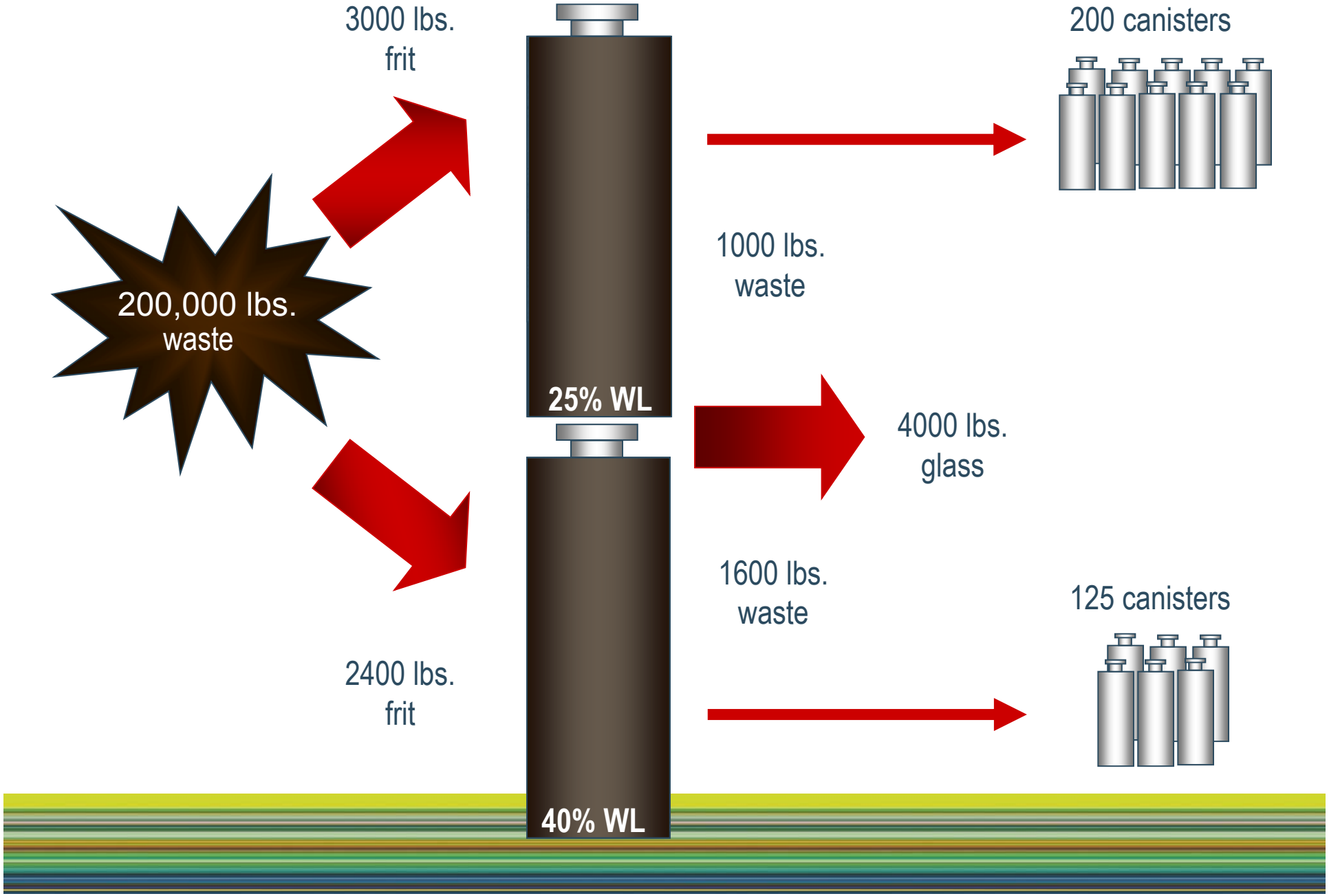
Transformational vs. Incremental Improvements

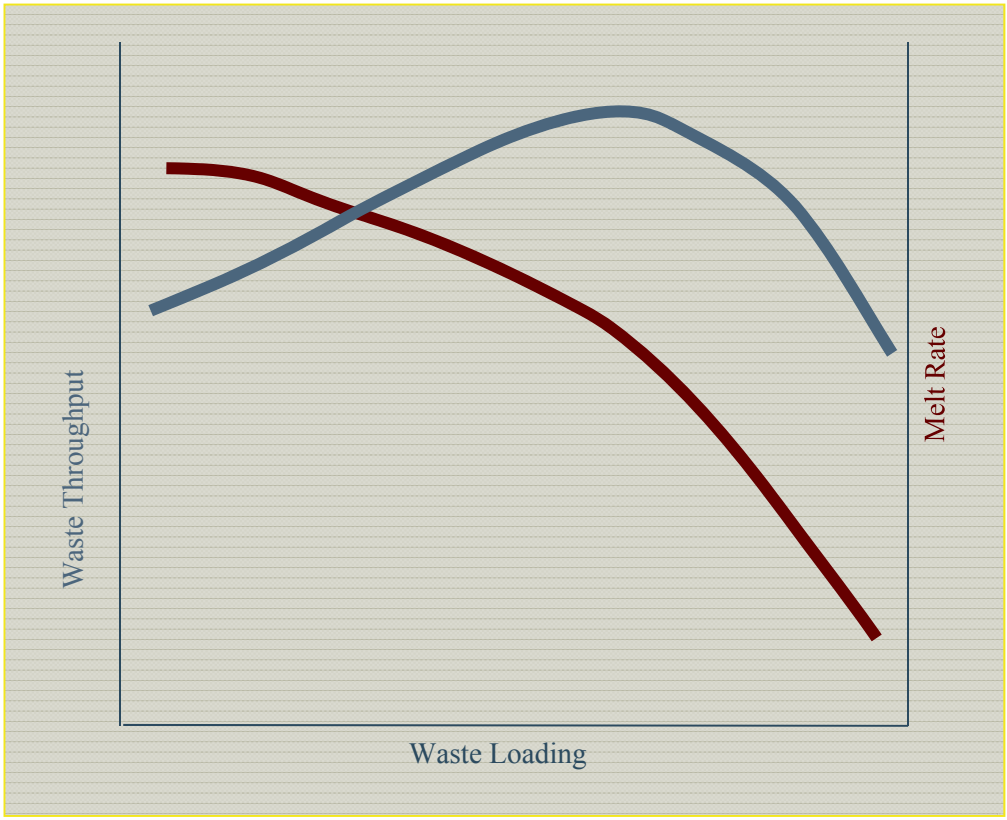


Waste Loading: Impact on Canister Count



Vitrification Waste Throughput

- Waste throughput is a function of melting rate and waste loading
  - Waste throughput is optimal amount of waste being processed through vitrification plant per unit time
  - Significant impact on life cycle costs of plant
- Objective: Optimize waste loading and melting rate to maximize waste throughput



Waste Throughput = Waste Loading × Melting Rate