



**Global Dosimetry**  
Solutions

# Back to Basics

## Film - Linearity

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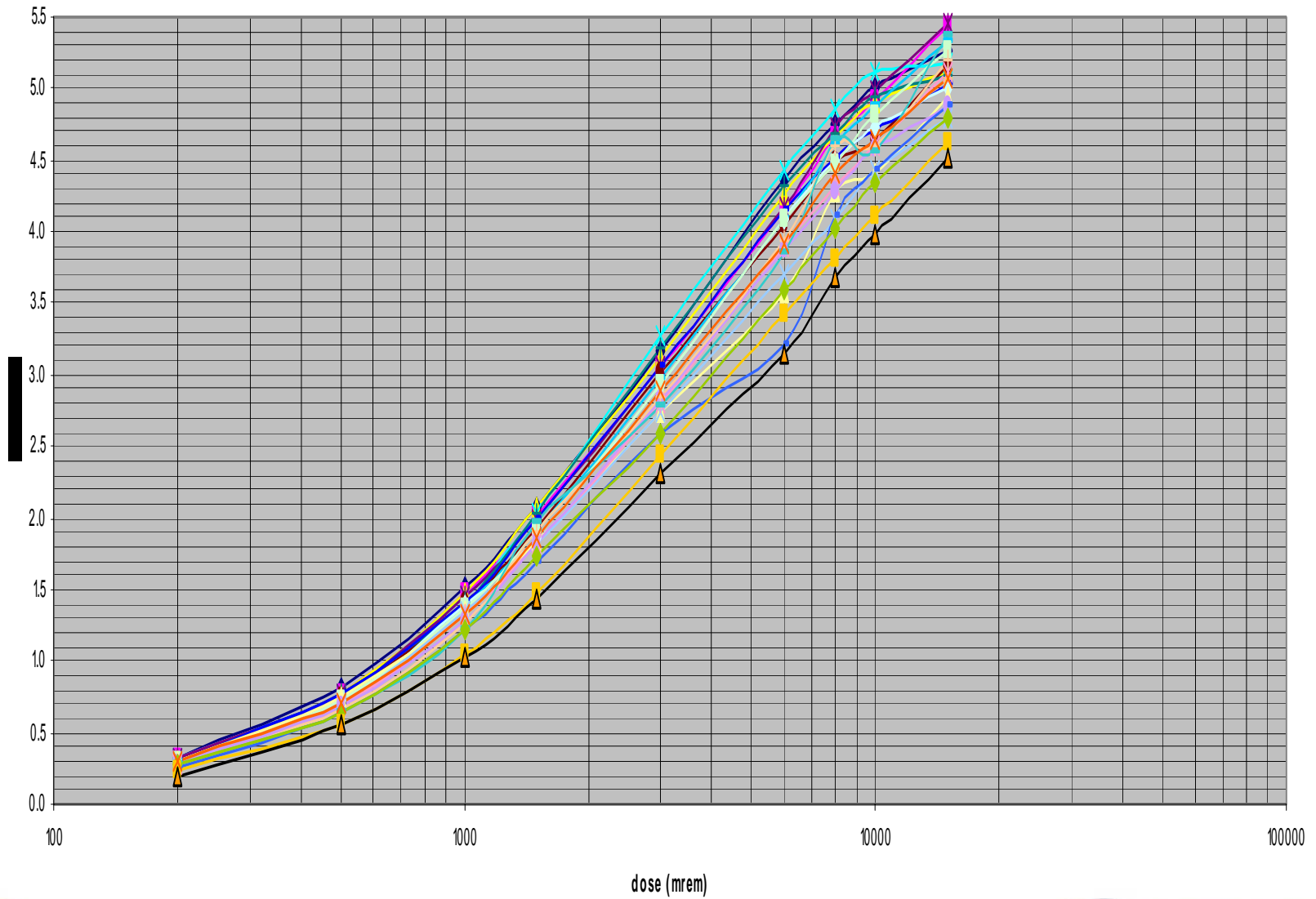
## Cs Curve Determination for Emulsions

- ◆ Film is not linear through the measurement range
- ◆ The Film uses Two Emulsions
  - Fast Emulsion on one side of the film
  - Slow Emulsion on the other
- ◆ For Each Emulsion we adjust for linearity determined from a set of exposures to Cs over the range of use



# Both Emulsion

E4 under lead CS correction curve



# Slow Emulsion ( fast emulsion scrapped off)

E4 under lead CS correction curve

