

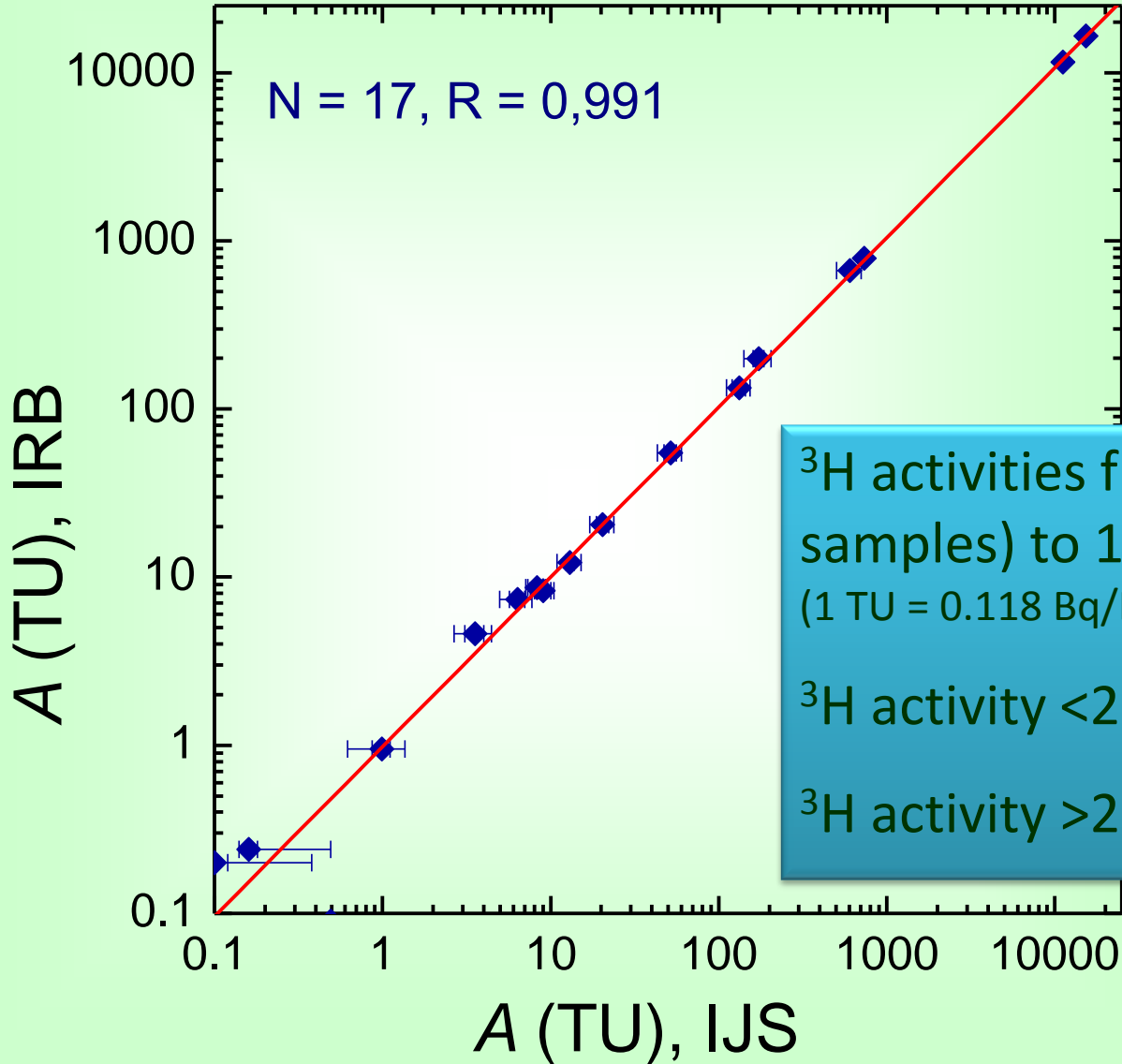
^3H intercomparison studies -
measurements by LSC Quantulus

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Interlaboratory comparison

$$y_{\text{IRB}} = (1,009 \pm 0,035) x_{\text{IJS}} + (-0,01 \pm 0.07)$$

N = 17, R = 0,991



^3H activities from 0 TU ("dead-water" samples) to 18 000 TU
(1 TU = 0.118 Bq/L)

^3H activity <200 TU – enriched

^3H activity >200 TU – direct meas.

Intercomparisons IAEA TRIC2008 and TRIC2012

$$Z = (A_{\text{RBI}} - A_{\text{IAEA}}) / \sigma_{\text{RBI}}$$

