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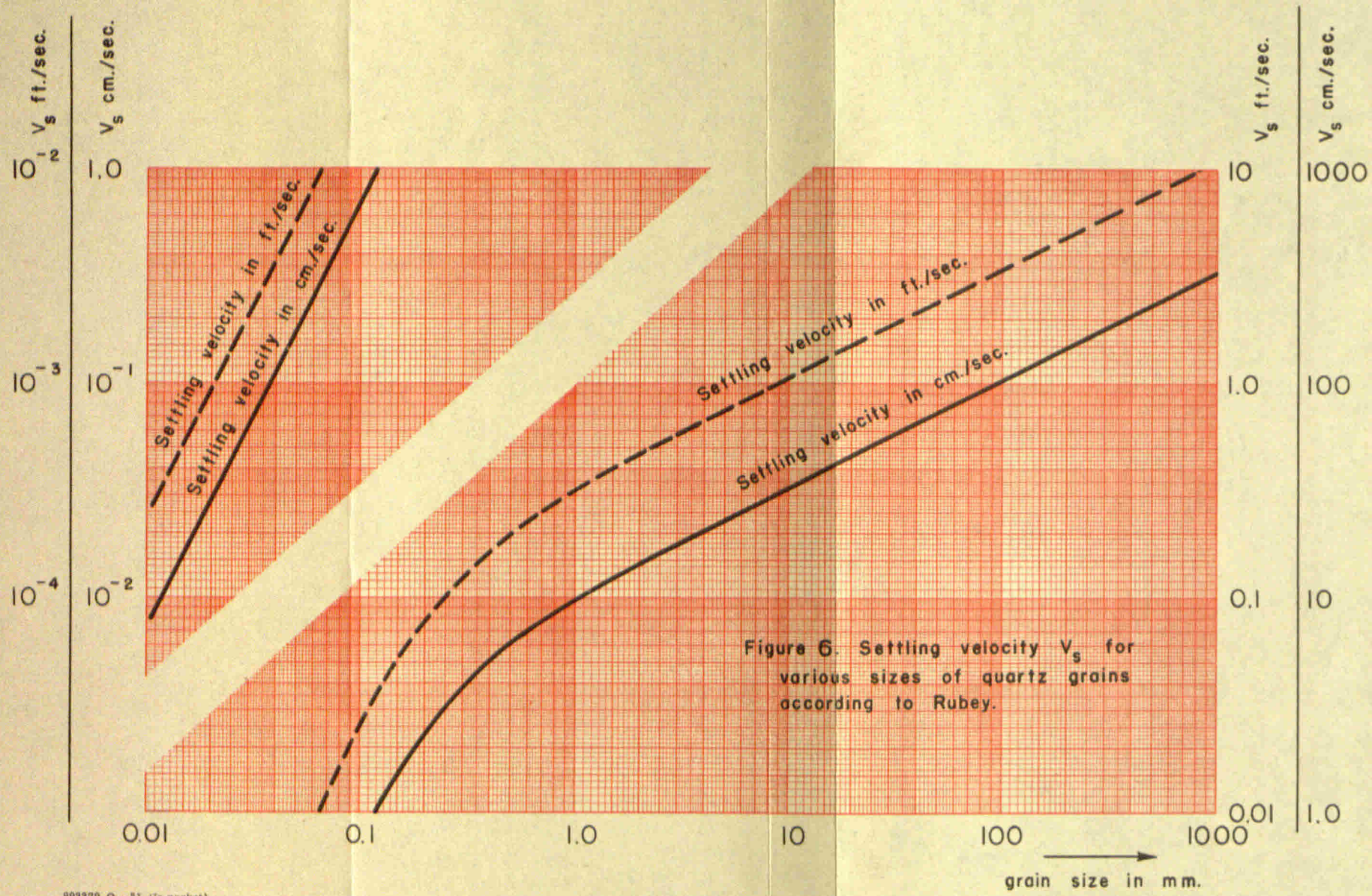
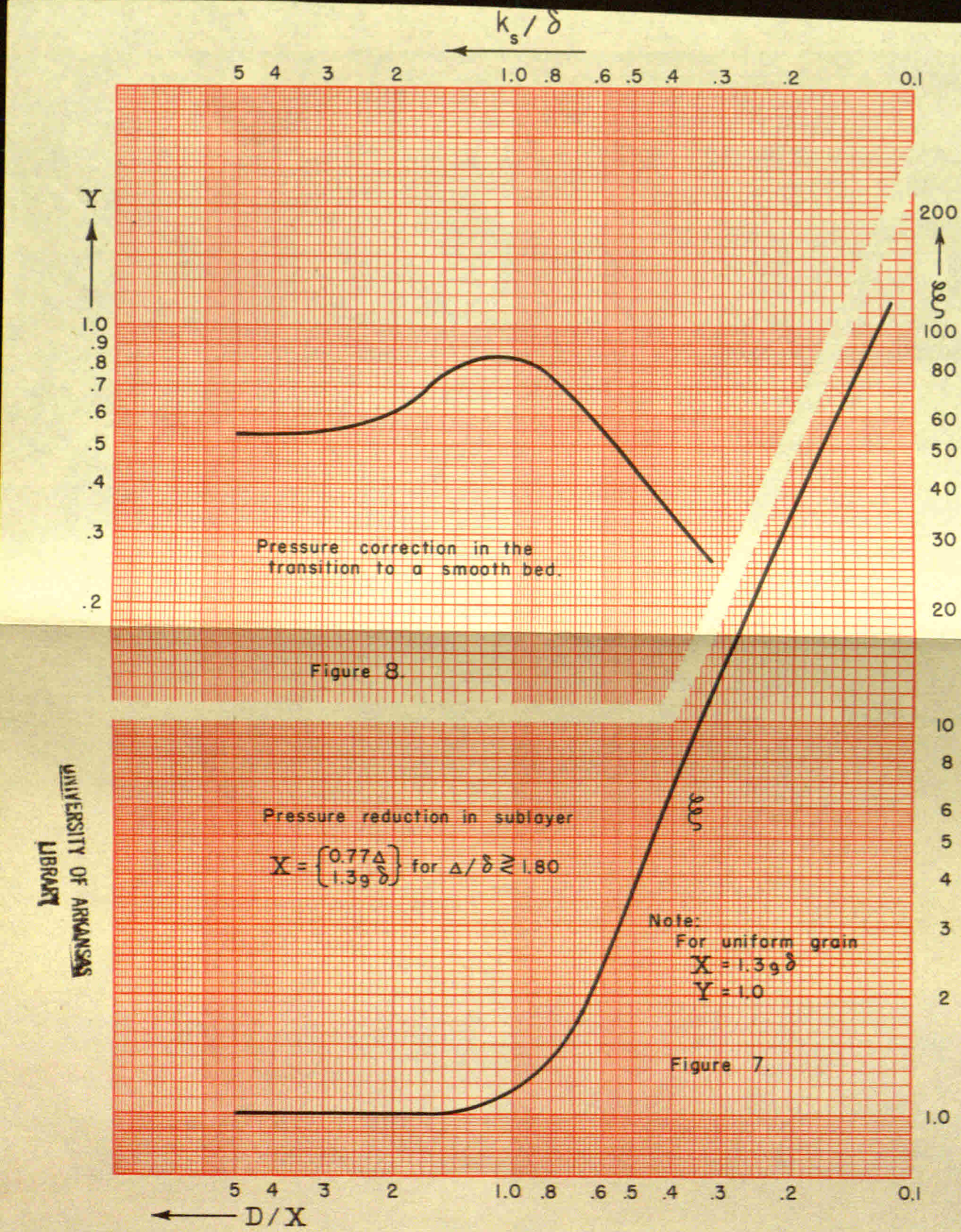


Figure 6. Settling velocity V_s for various sizes of quartz grains according to Rubey.

893379 O - 51 (In pocket)



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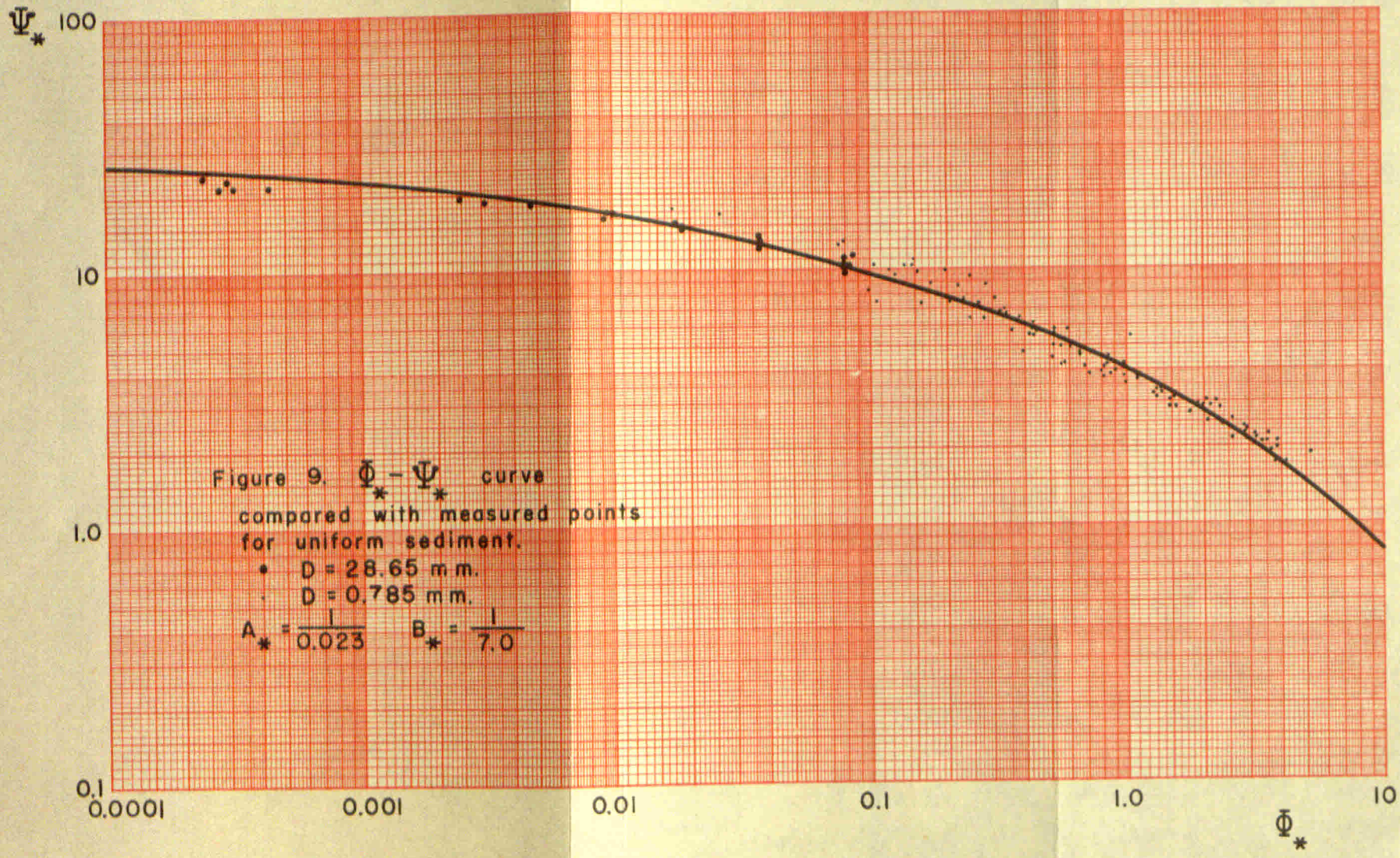

Figure 9. $\Phi_* - \Psi_*$ curve compared with measured points for uniform sediment.
• D = 28.65 m m.
· D = 0.785 m m.
$A_* = \frac{1}{0.023}$ $B_* = \frac{1}{7.0}$

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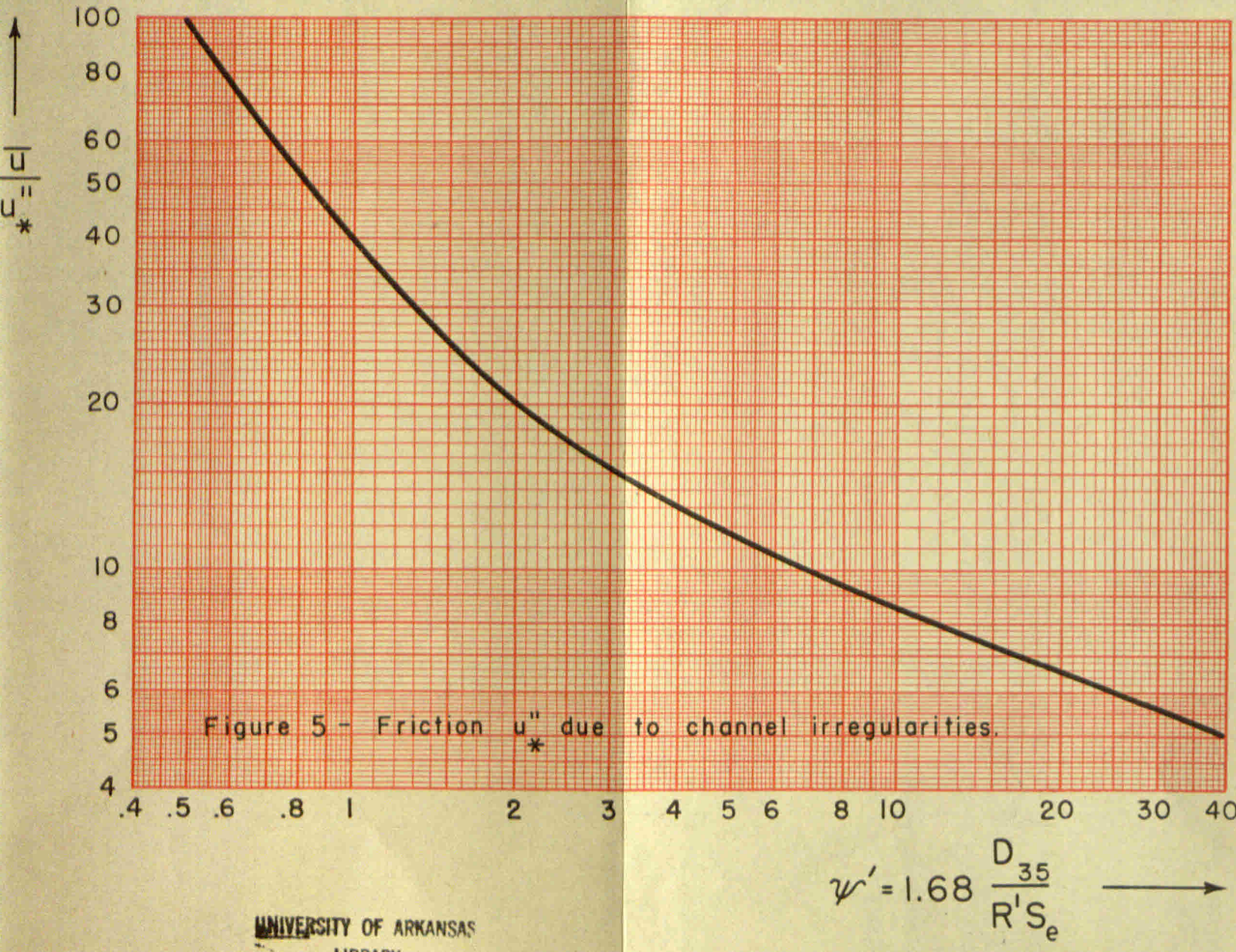

Figure 5 - Friction u''_* due to channel irregularities.

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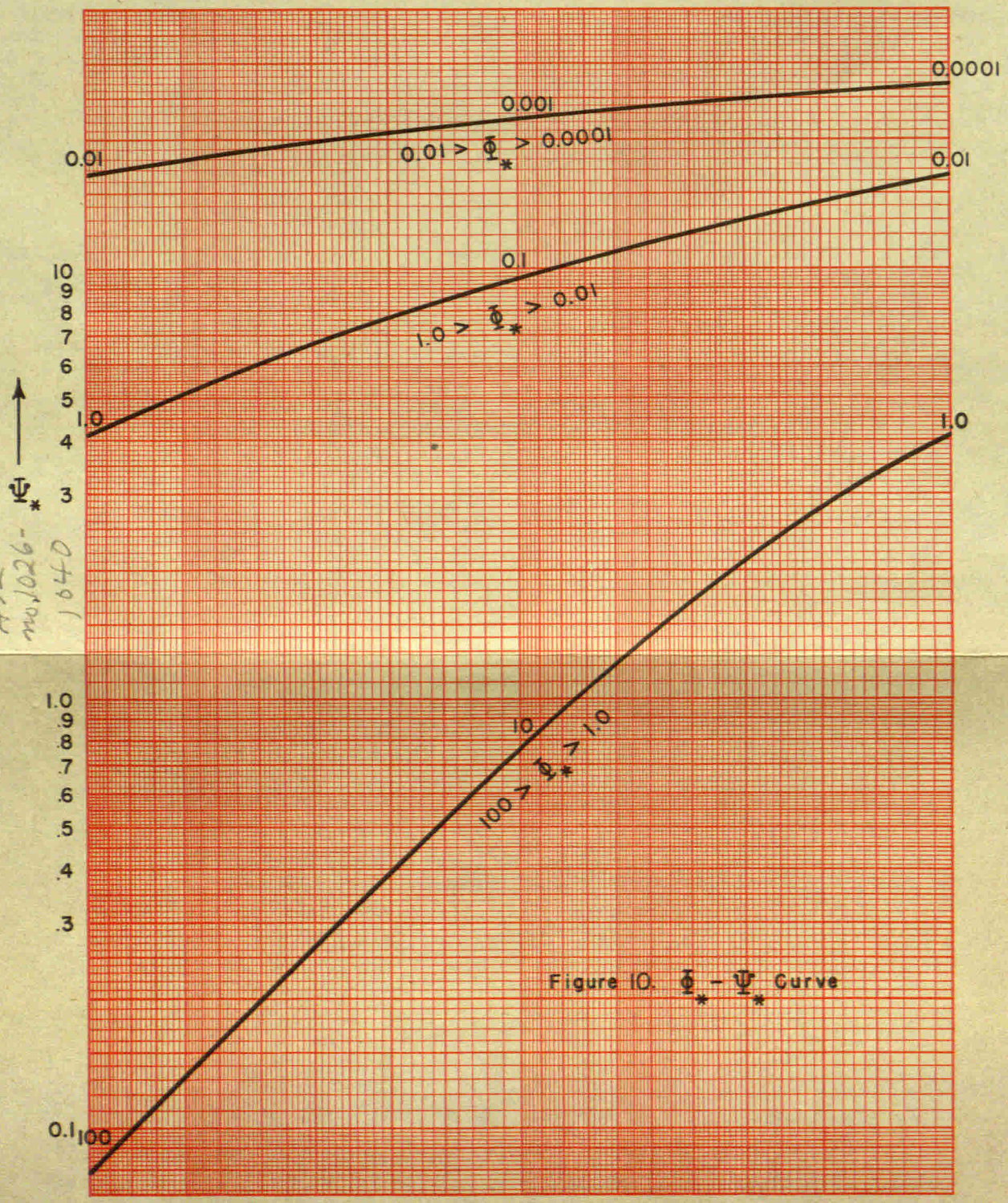

Figure 10. $\Phi_* - \Psi_*$ Curve

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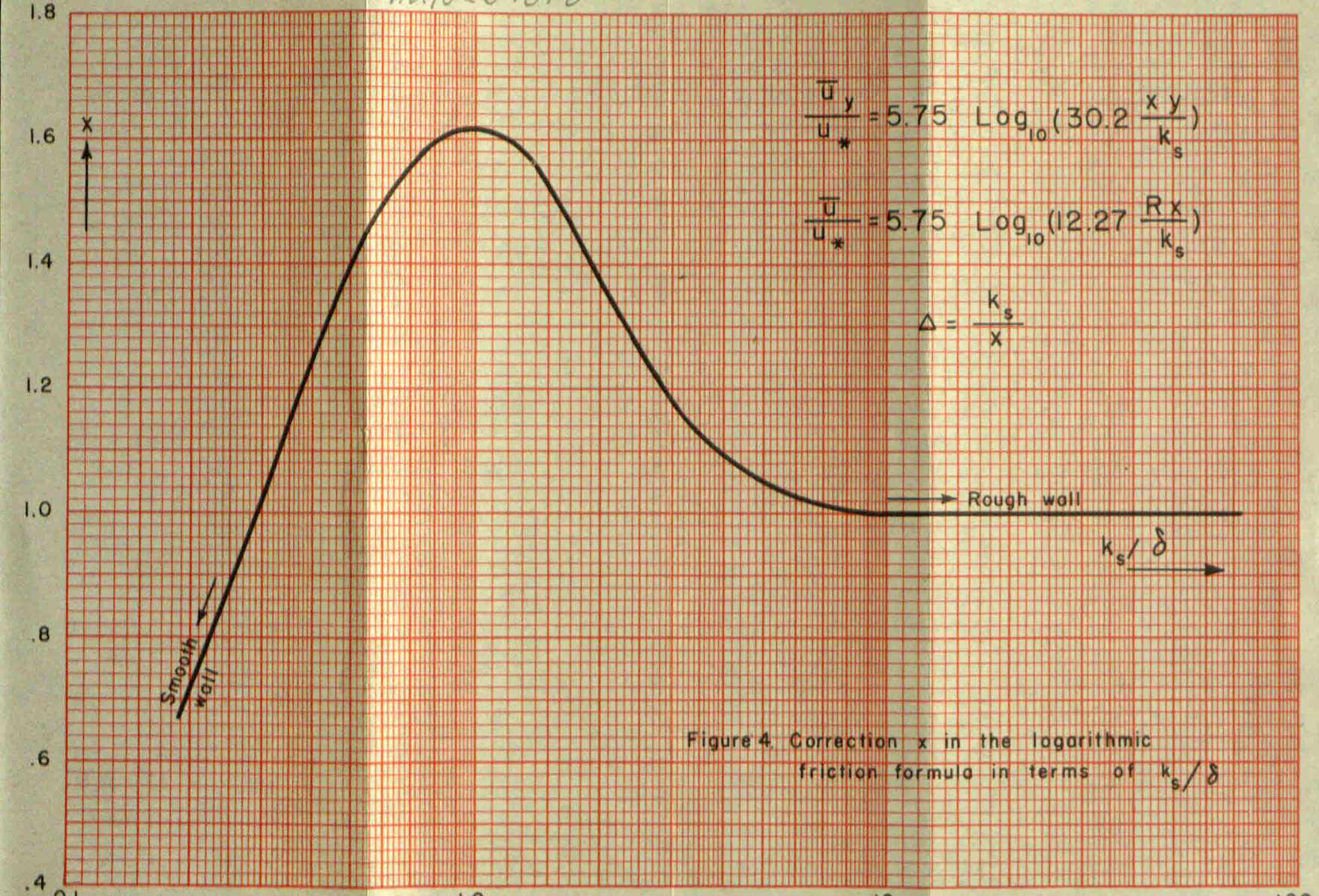

Figure 4. Correction x in the logarithmic friction formula in terms of k_s/δ

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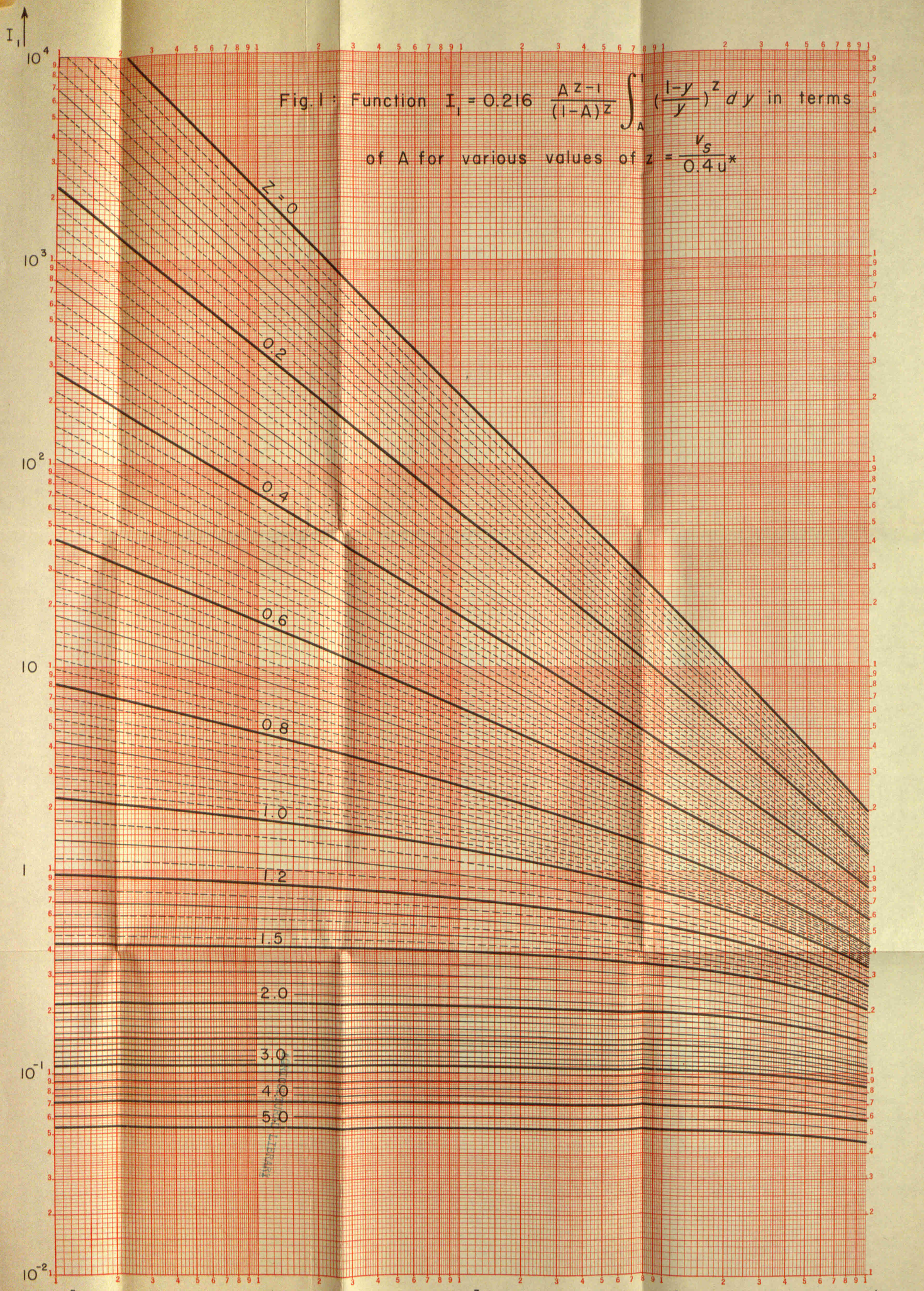
Fig. 1 : Function $I_1 = 0.216 \frac{A^{z-1}}{(1-A)^z} \int_A^1 \left(\frac{1-y}{y}\right)^z dy$ in terms of A for various values of $z = \frac{v_s}{0.4u^*}$



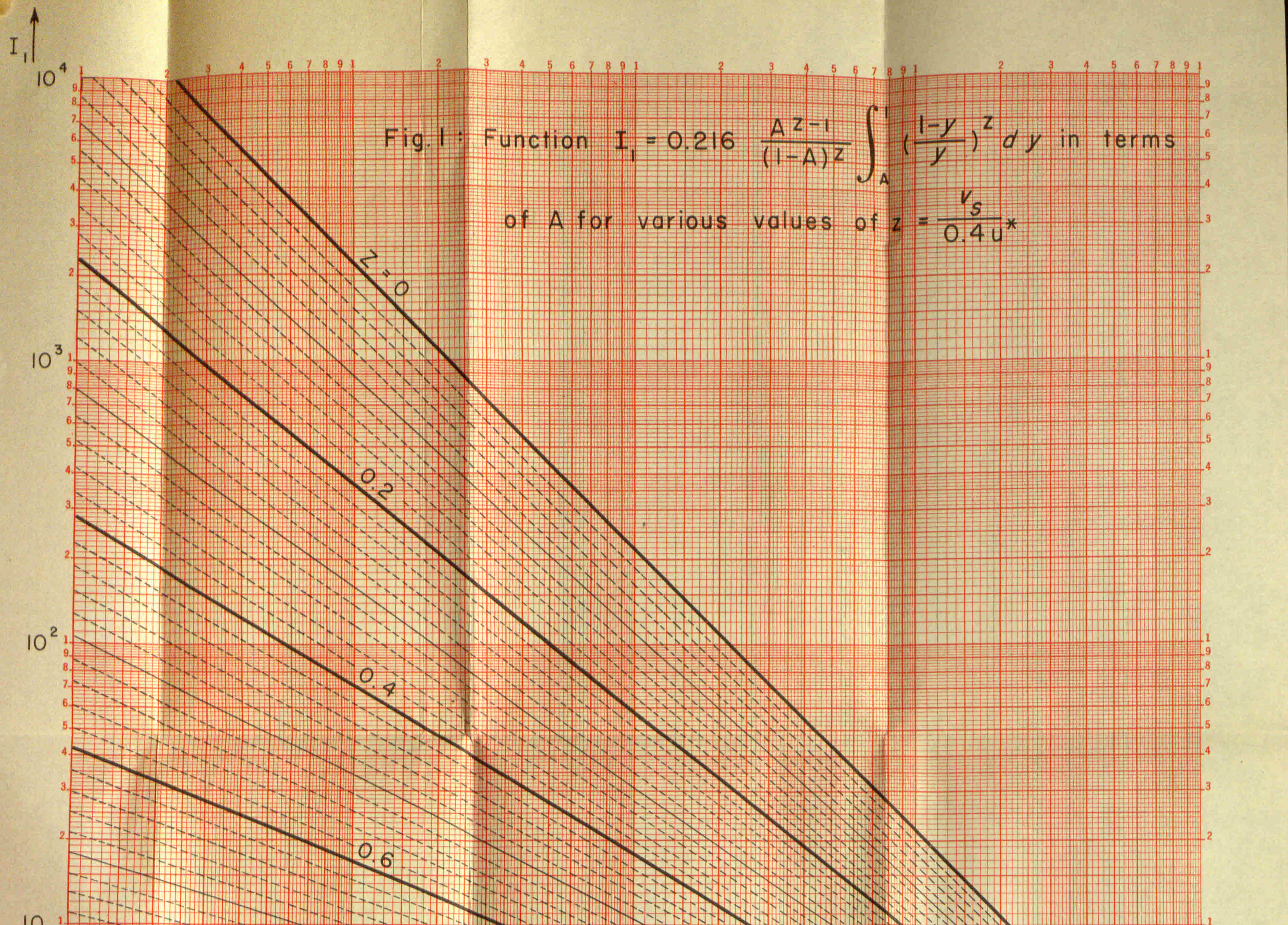


Fig. 1 : Function $I_1 = 0.216 \frac{A^{z-1}}{(1-A)^z} \int_A^1 \left(\frac{1-y}{y}\right)^z dy$ in terms of A for various values of $z = \frac{v_s}{0.4\,u^*}$

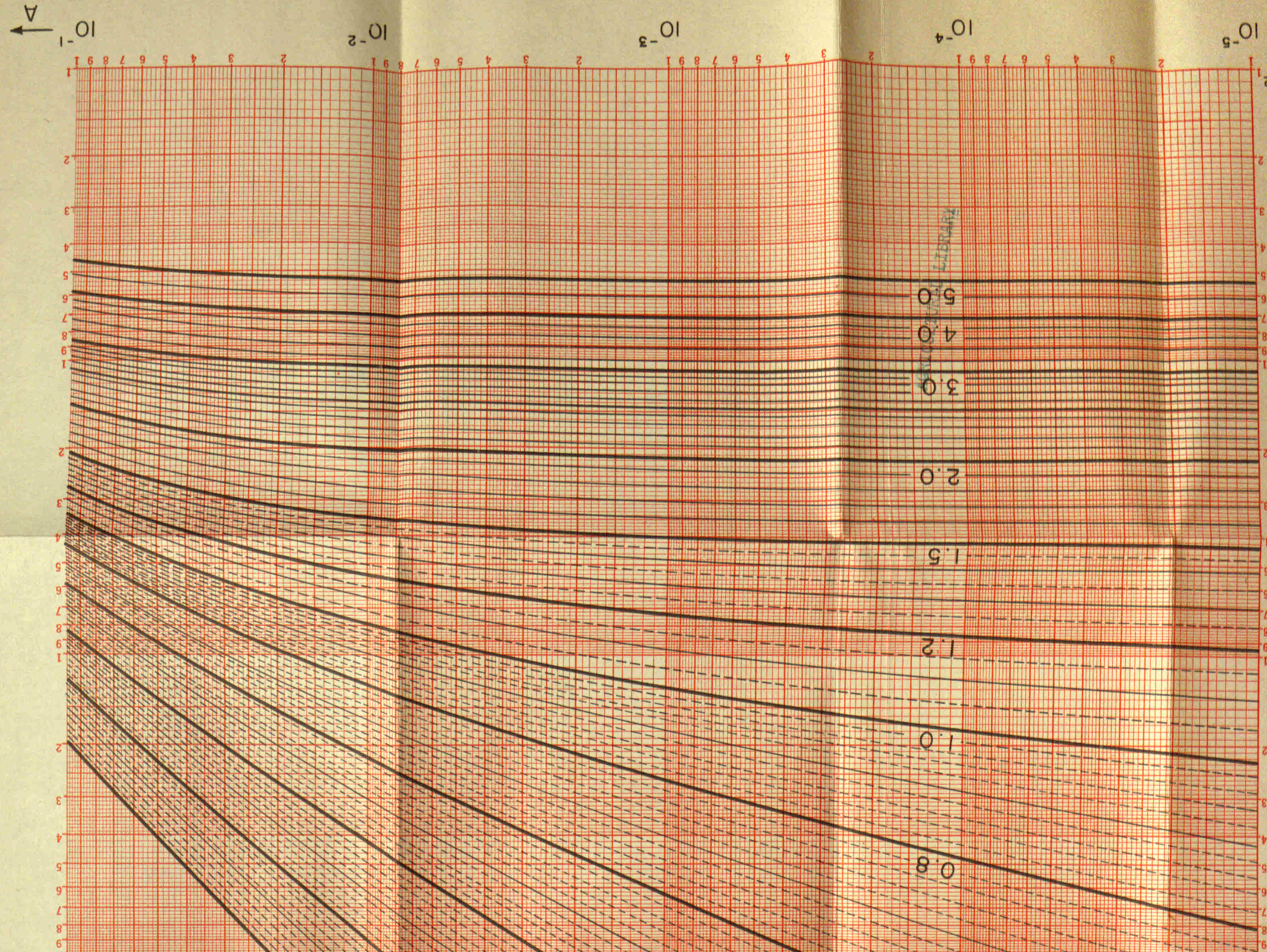


Fig. 2 : Function $I_2 = 0.216 \frac{A^{z-1}}{(1-A)^z} \int_A^1 \text{Log}_e (y) \left(\frac{1-y}{y}\right)^z dy$

in terms of A for various values of $z = \frac{v_s}{0.40 u^*}$

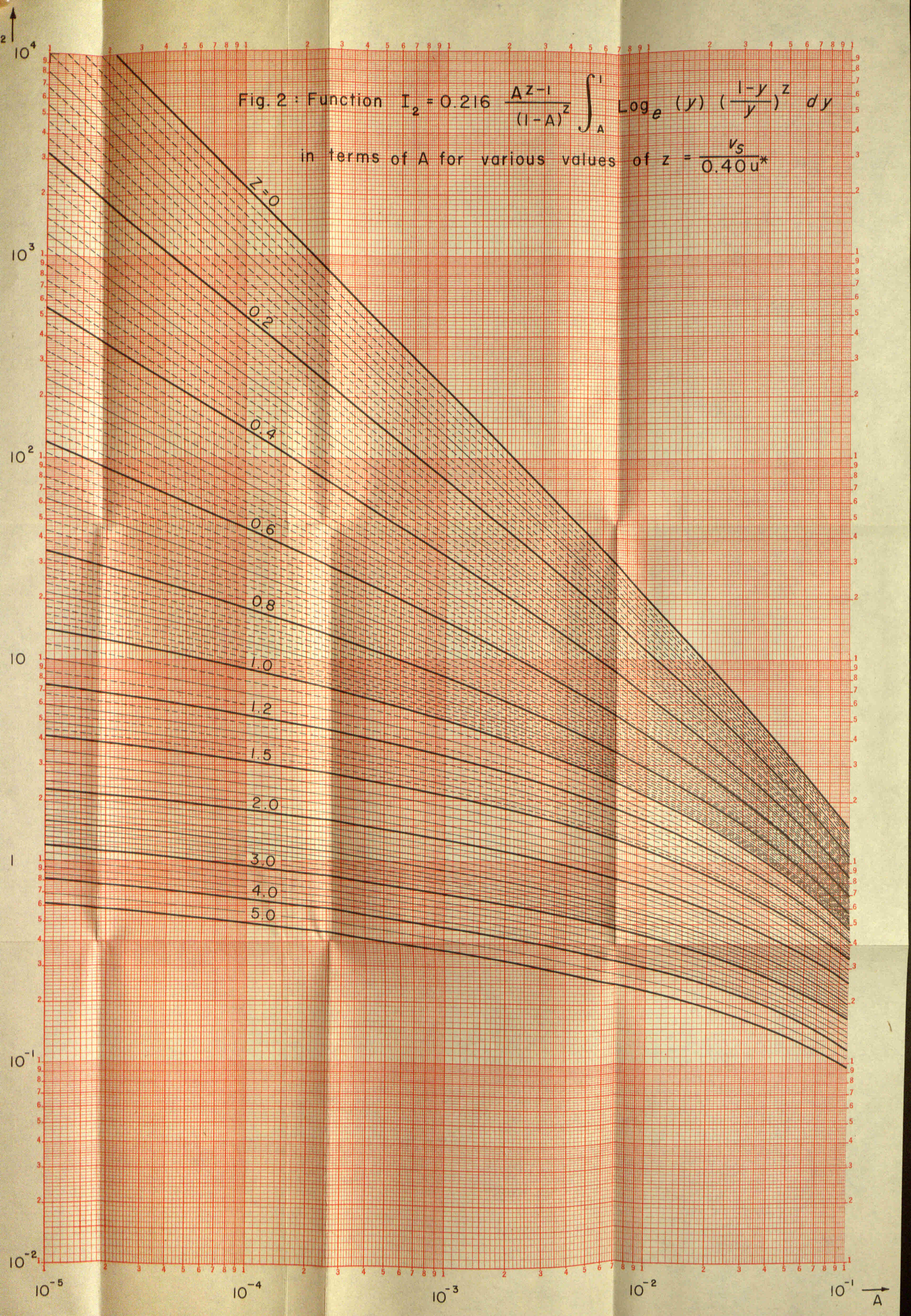


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Fig. 2 : Function $I_2 = 0.216 \frac{A^{z-1}}{(1-A)^z} \int_A^1 \text{Log}_e (y) \left(\frac{1-y}{y}\right)^z dy$

in terms of A for various values of $z = \frac{v_s}{0.40 u^*}$