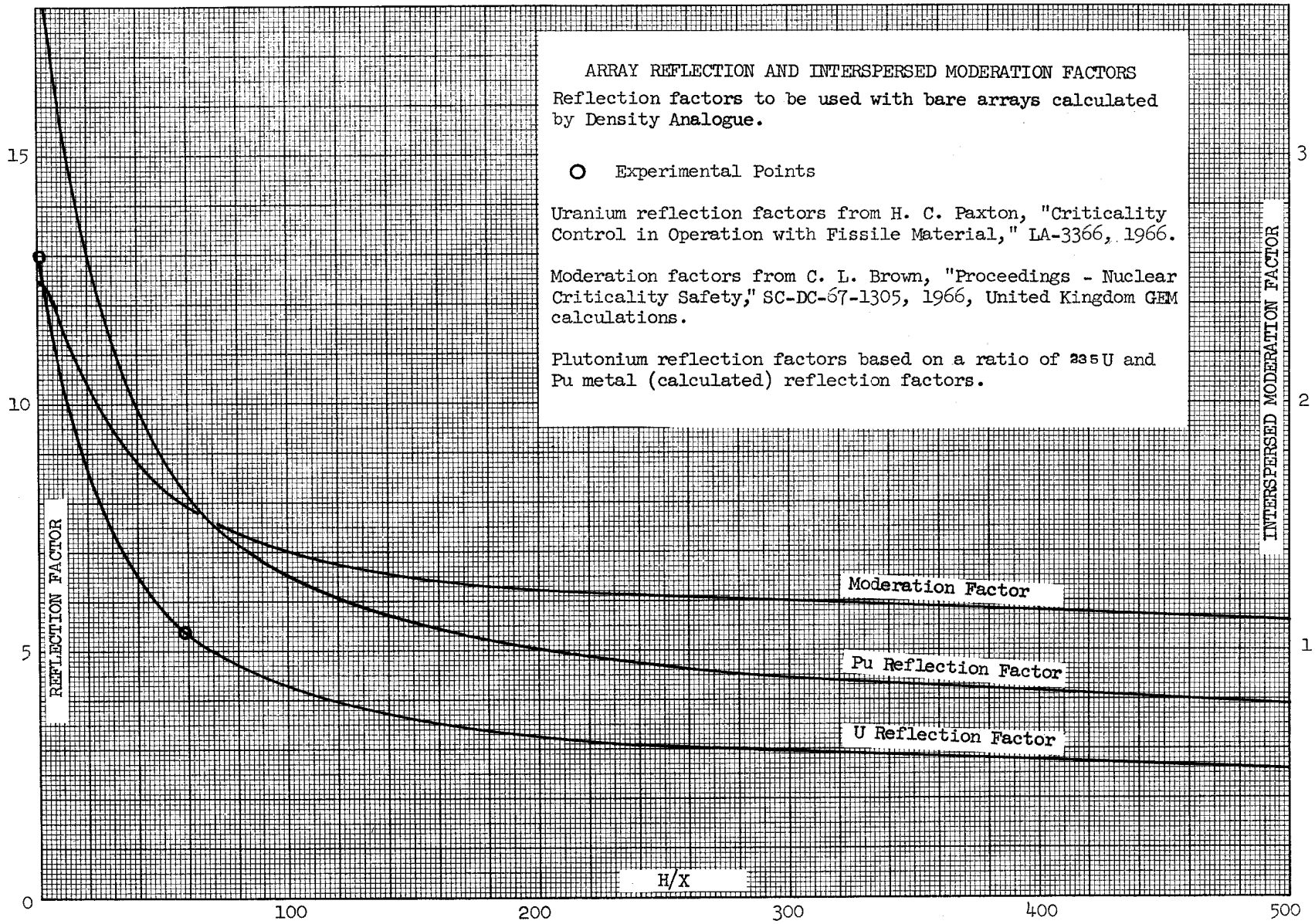
ARRAY REFLECTION AND INTERSPERSED MODERATION FACTORS
Reflection factors to be used with bare arrays calculated by Density Analogue.
O Experimental Points
Uranium reflection factors from H. C. Paxton, "Criticality Control in Operation with Fissile Material," LA-3366, 1966.
Moderation factors from C. L. Brown, "Proceedings - Nuclear Criticality Safety," SC-DC-67-1305, 1966, United Kingdom GEM calculations.
Plutonium reflection factors based on a ratio of 235U and Pu metal (calculated) reflection factors.
REFLECTION FACTOR
INTERSPERSED MODERATION FACTOR
Moderation Factor
Pu Reflection Factor
U Reflection Factor
H/X
0
5
10
15
1
2
3
100
200
300
400
500