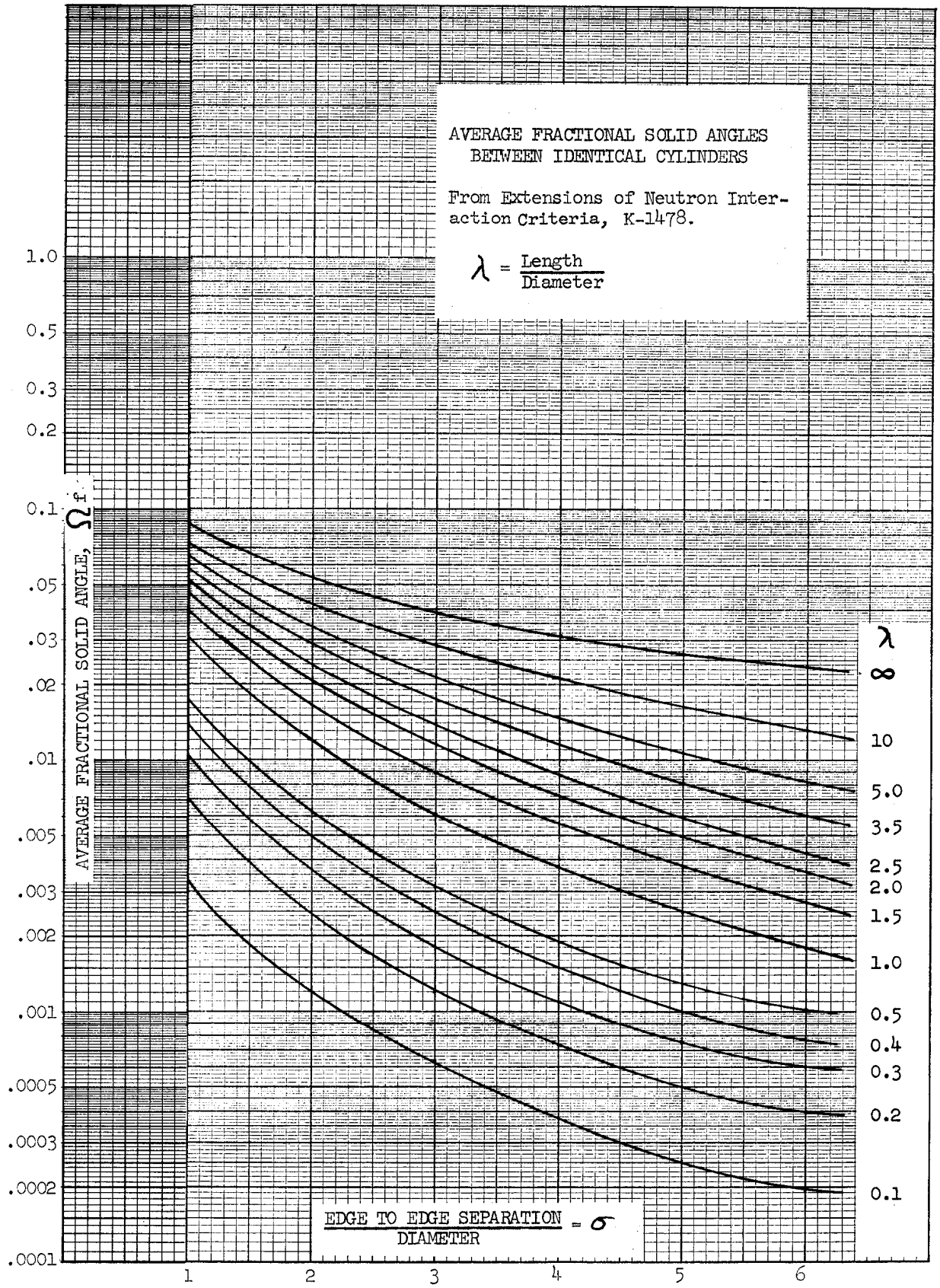
AVERAGE FRACTIONAL SOLID ANGLES
BETWEEN IDENTICAL CYLINDERS
From Extensions of Neutron Interaction Criteria, K-1478.
λ = Length / Diameter
AVERAGE FRACTIONAL SOLID ANGLE, Ωf
1.0
0.5
0.3
0.2
0.1
.05
.03
.02
.01
.005
.003
.002
.001
.0005
.0003
.0002
.0001
λ
∞
10
5.0
3.5
2.5
2.0
1.5
1.0
0.5
0.4
0.3
0.2
0.1
EDGE TO EDGE SEPARATION / DIAMETER = σ
1
2
3
4
5
6