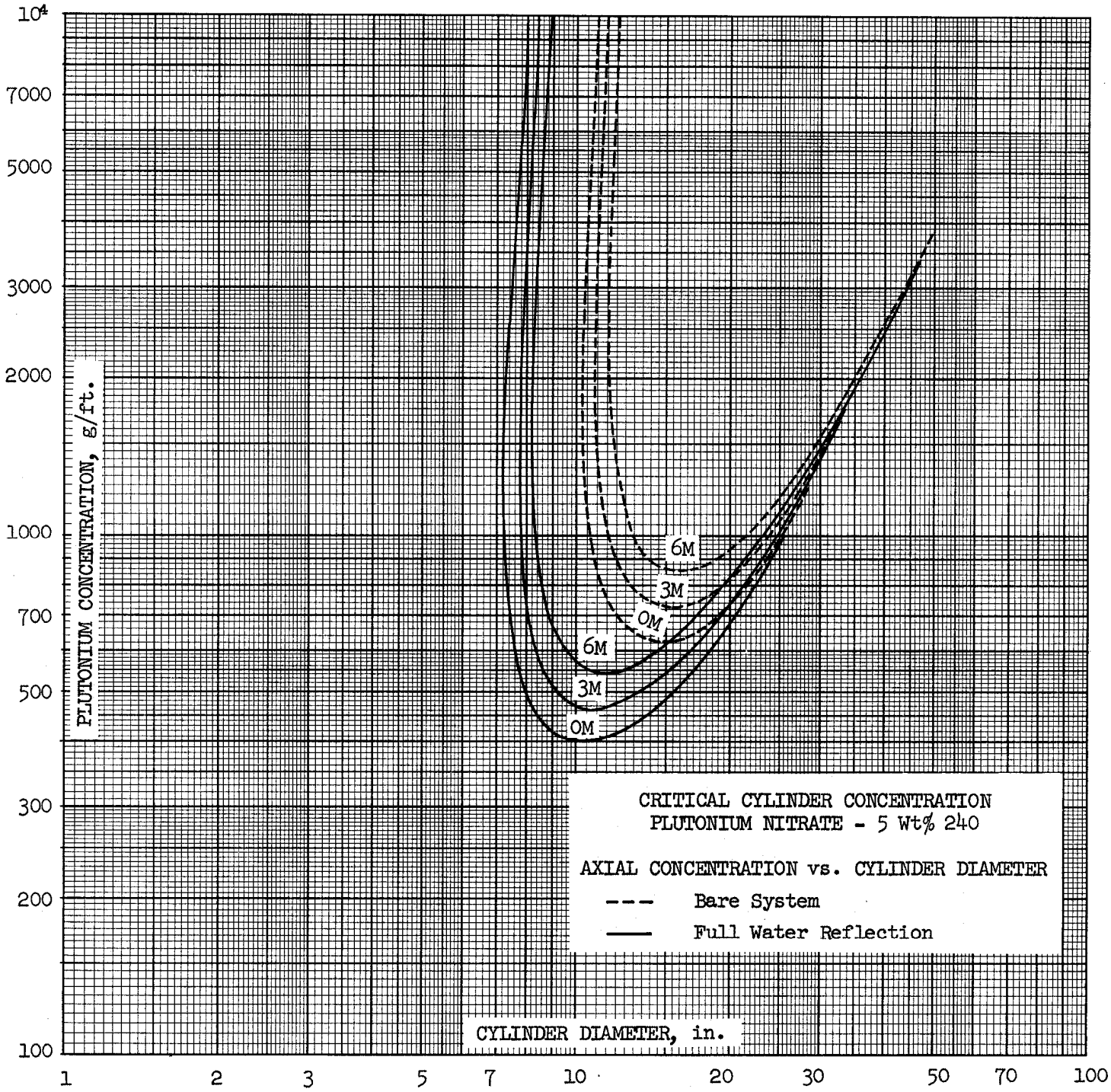
PLUTONIUM CONCENTRATION, g/ft.
CYLINDER DIAMETER, in.
10⁴
7000
5000
3000
2000
1000
700
500
300
200
100
1
2
3
5
7
10
20
30
50
70
100
6M
3M
0M
6M
3M
0M
CRITICAL CYLINDER CONCENTRATION
PLUTONIUM NITRATE - 5 Wt% 240
AXIAL CONCENTRATION vs. CYLINDER DIAMETER
--- Bare System
—— Full Water Reflection