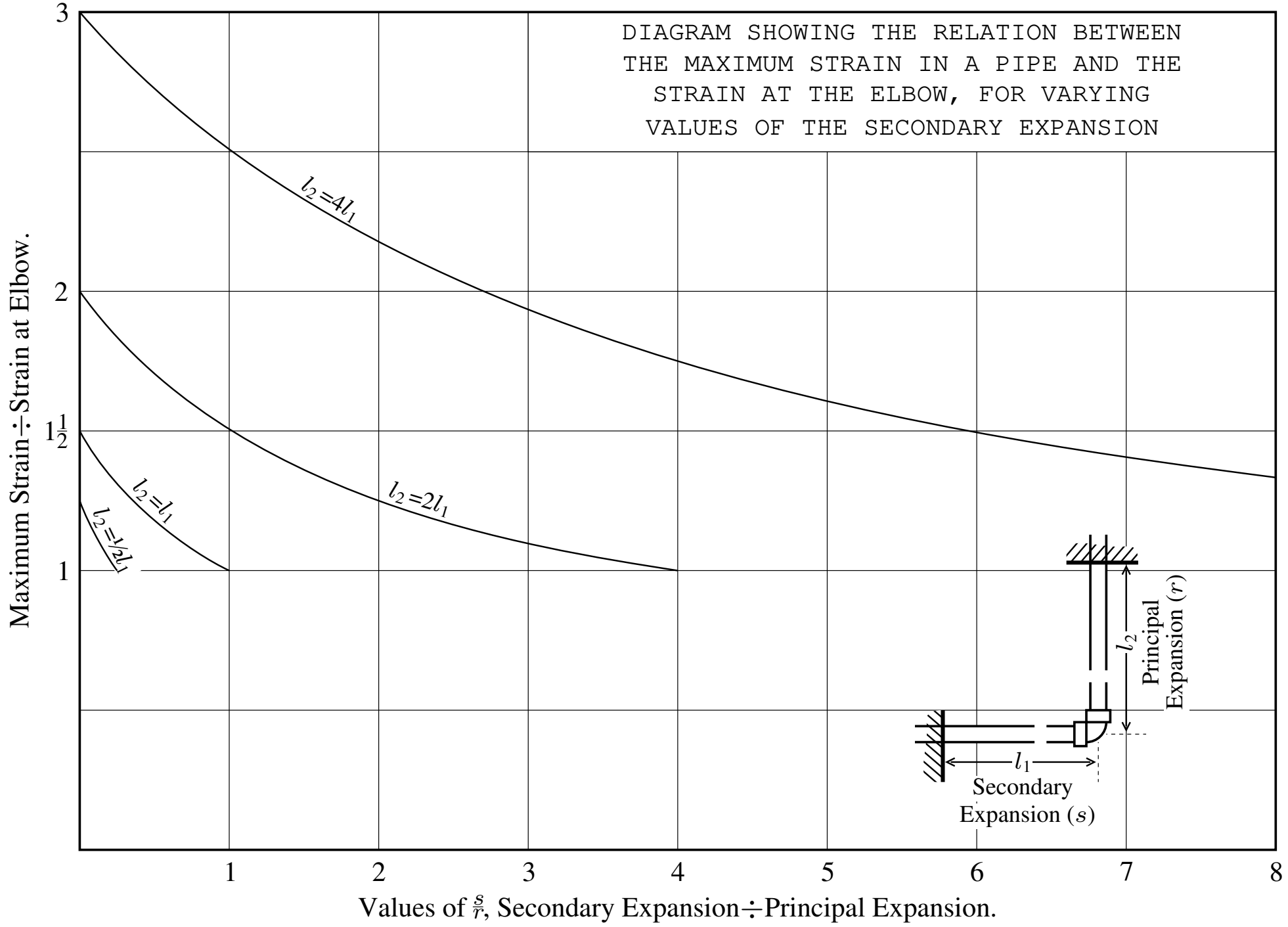
DIAGRAM SHOWING THE RELATION BETWEEN THE MAXIMUM STRAIN IN A PIPE AND THE STRAIN AT THE ELBOW, FOR VARYING VALUES OF THE SECONDARY EXPANSION
Maximum Strain ÷ Strain at Elbow.
3
2
1½
1
$l_2 = 4l_1$
$l_2 = 2l_1$
$l_2 = l_1$
$l_2 = \frac{1}{2}l_1$
1
2
3
4
5
6
7
8
Values of $\frac{s}{r}$, Secondary Expansion ÷ Principal Expansion.
l_2
Principal Expansion (r)
l_1
Secondary Expansion (s)