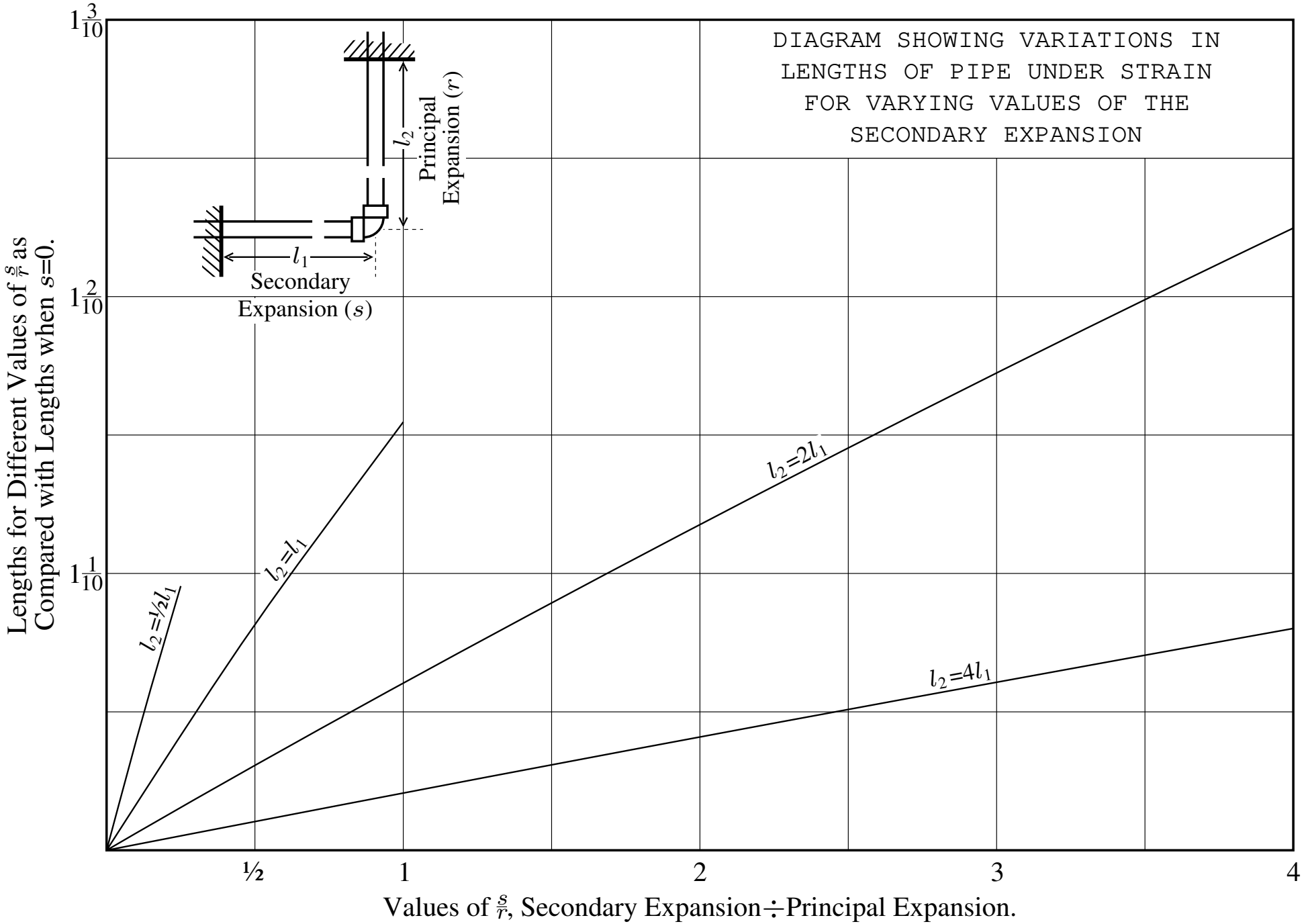
DIAGRAM SHOWING VARIATIONS IN LENGTHS OF PIPE UNDER STRAIN FOR VARYING VALUES OF THE SECONDARY EXPANSION
Principal Expansion (r)
l_2
l_1
Secondary Expansion (s)
$l_2=\frac{1}{2}l_1$
$l_2=l_1$
$l_2=2l_1$
$l_2=4l_1$
$1\frac{3}{10}$
$1\frac{2}{10}$
$1\frac{1}{10}$
½
1
2
3
4
Lengths for Different Values of $\frac{s}{r}$ as Compared with Lengths when s=0.
Values of $\frac{s}{r}$, Secondary Expansion÷Principal Expansion.