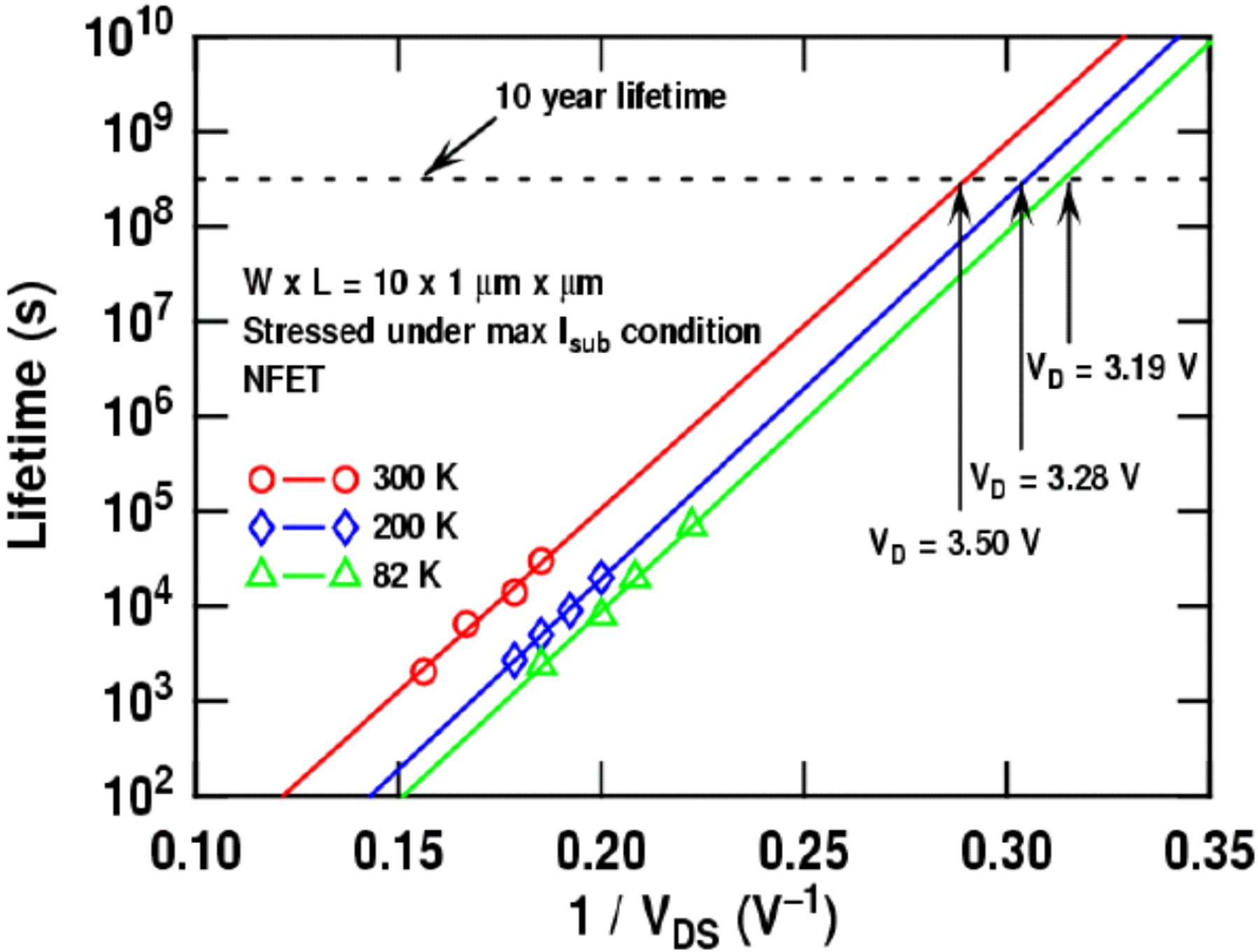
10 year lifetime
W x L = 10 x 1 μm x μm
Stressed under max I_{sub} condition
NFET
300 K
200 K
82 K
V_D = 3.19 V
V_D = 3.28 V
V_D = 3.50 V
Lifetime (s)
10^{10}
10^{9}
10^{8}
10^{7}
10^{6}
10^{5}
10^{4}
10^{3}
10^{2}
0.10
0.15
0.20
0.25
0.30
0.35
$1 / V_{DS}$ (V^{-1})