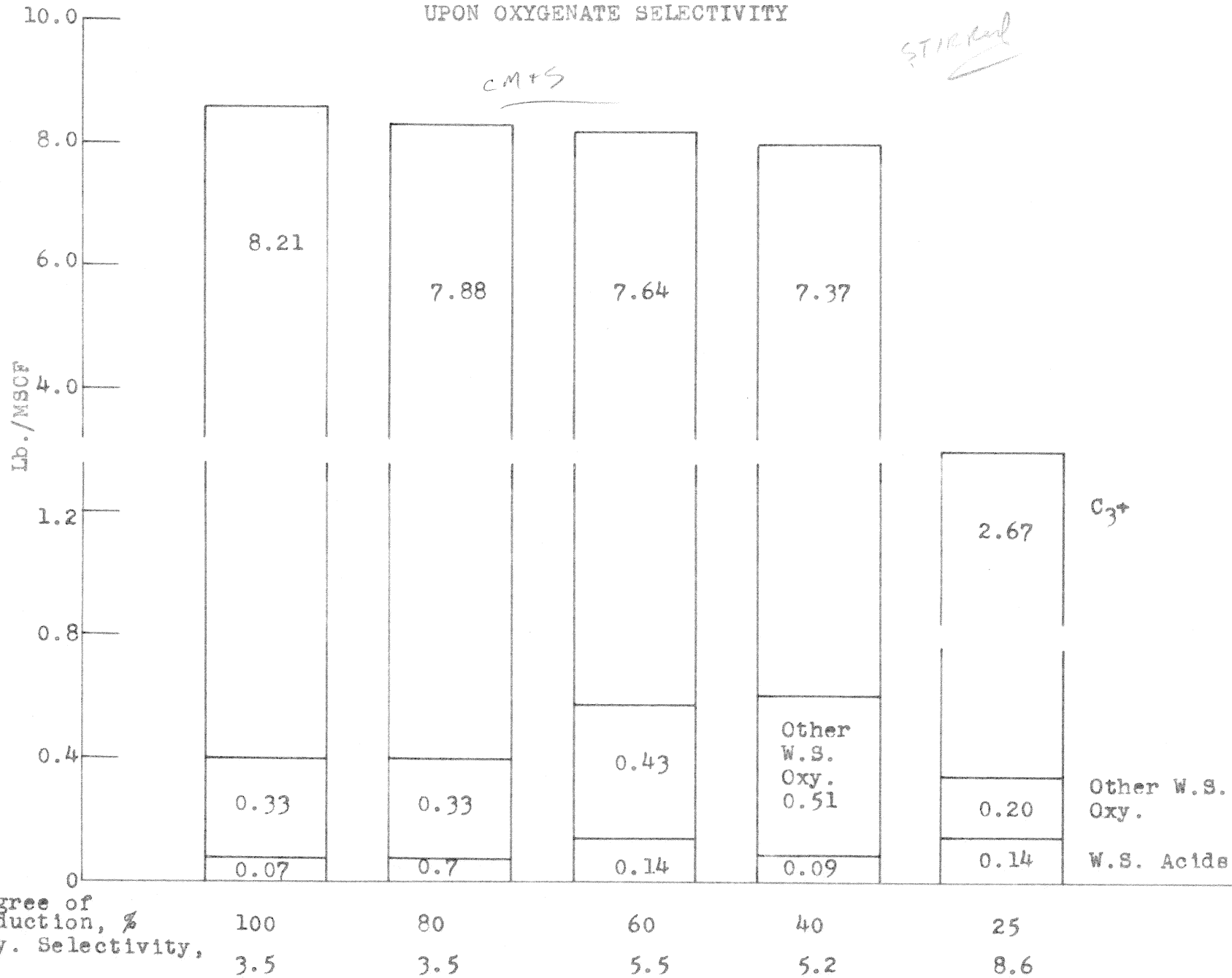
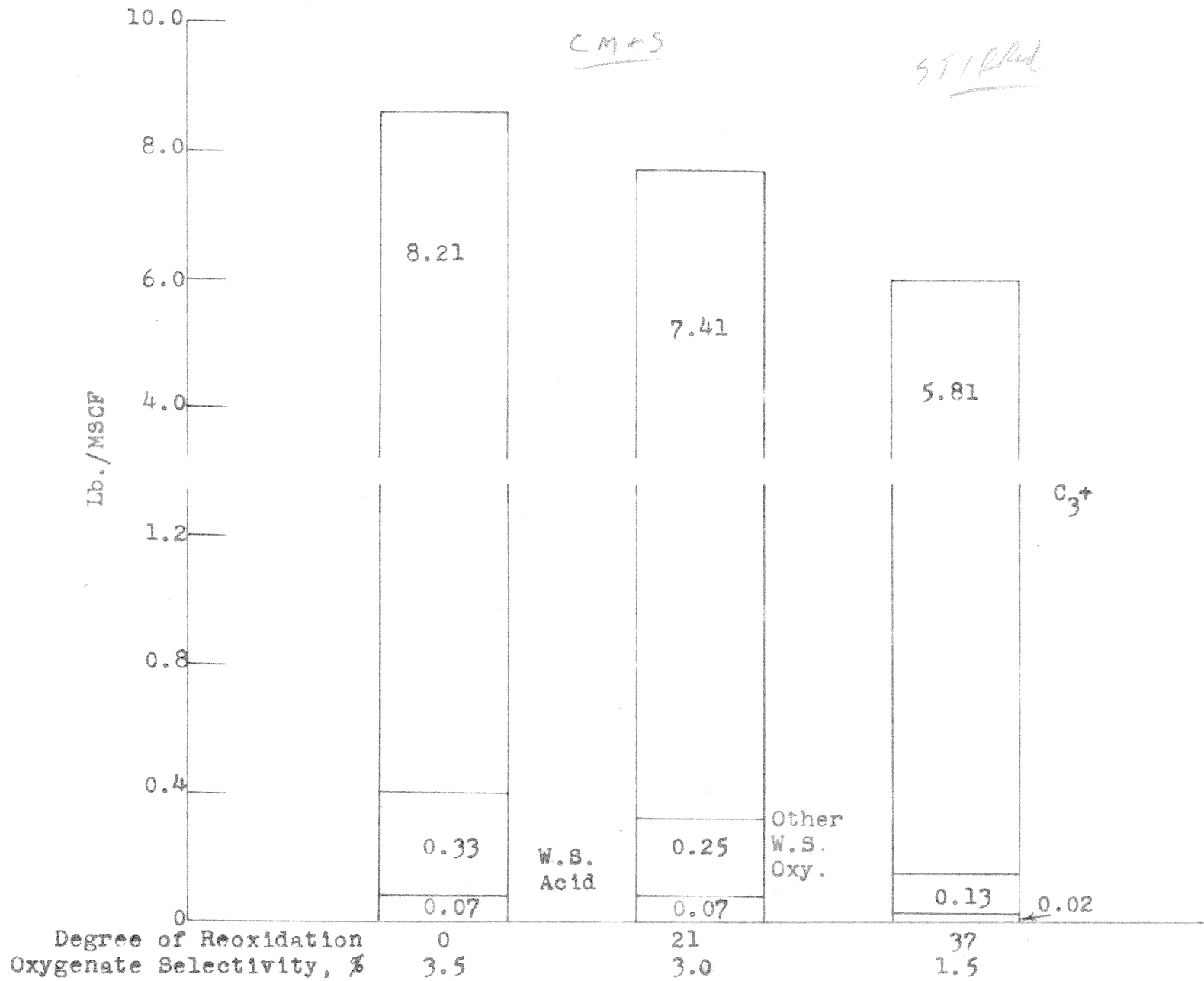


EFFECT OF DEGREE OF REDUCTION
UPON OXYGENATE SELECTIVITY

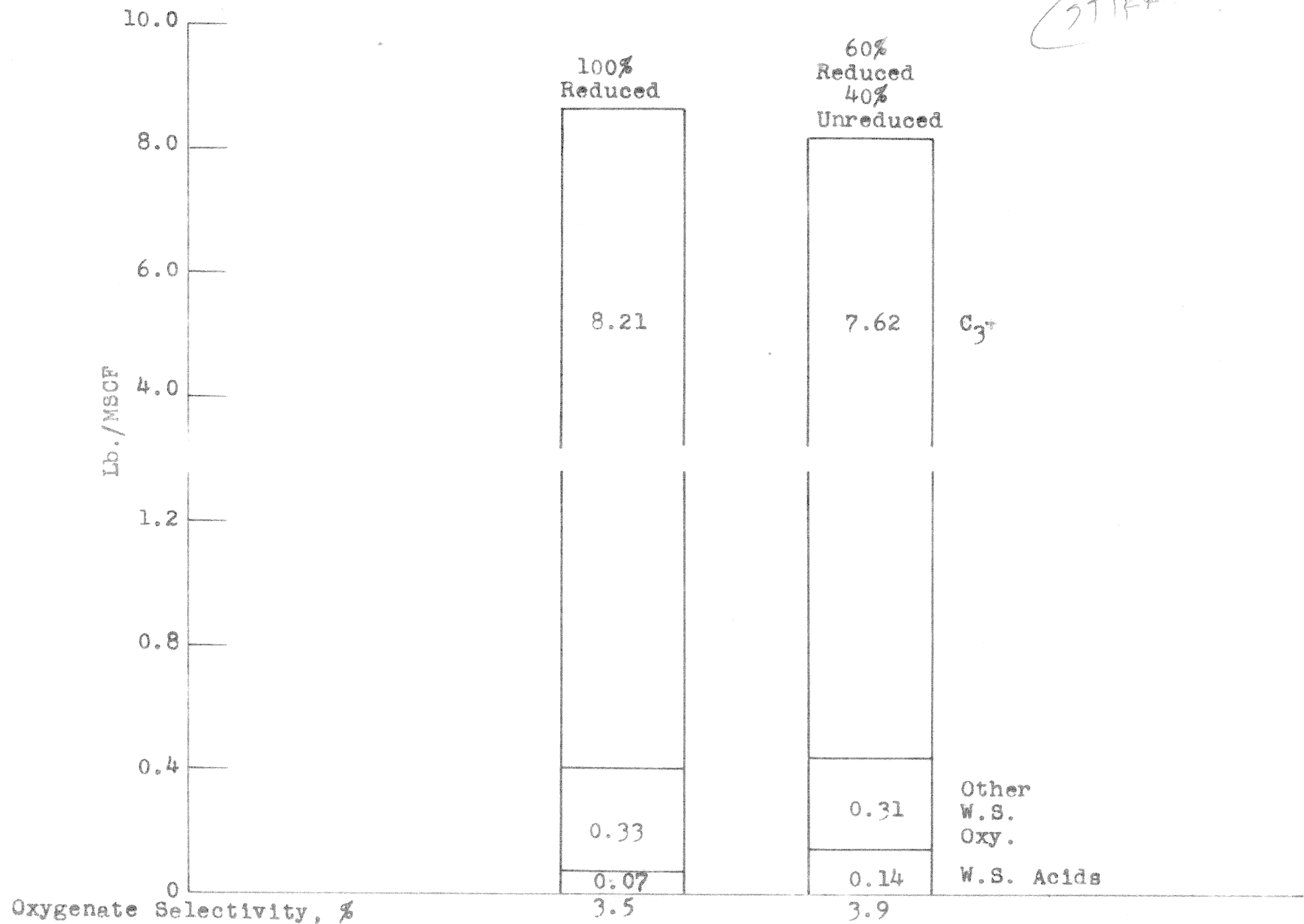


EFFECT OF REOXIDATION

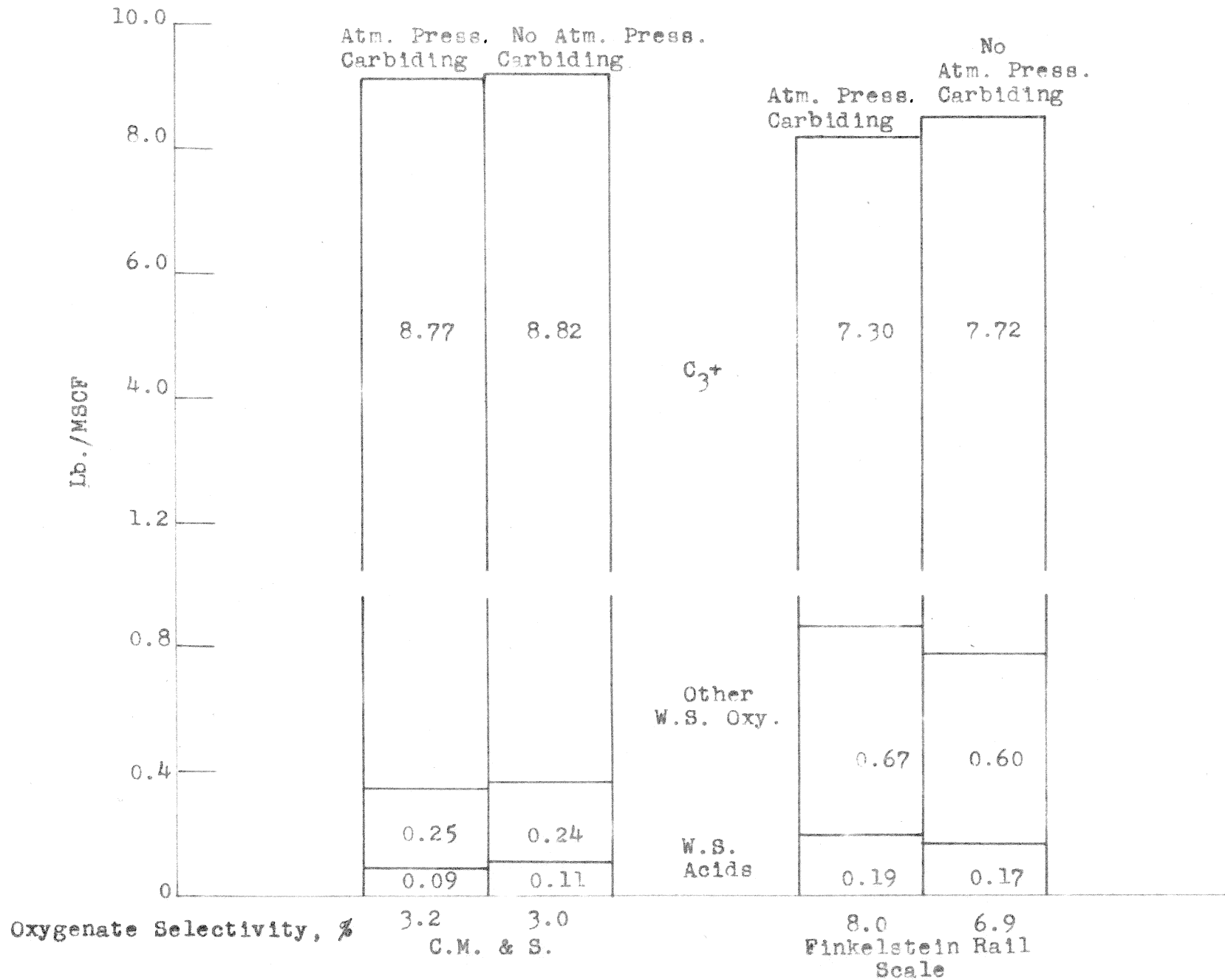


EFFECT OF PHYSICAL MIXTURE OF
REDUCED AND UNREDUCED C.M.&S. CATALYST

STIRRED

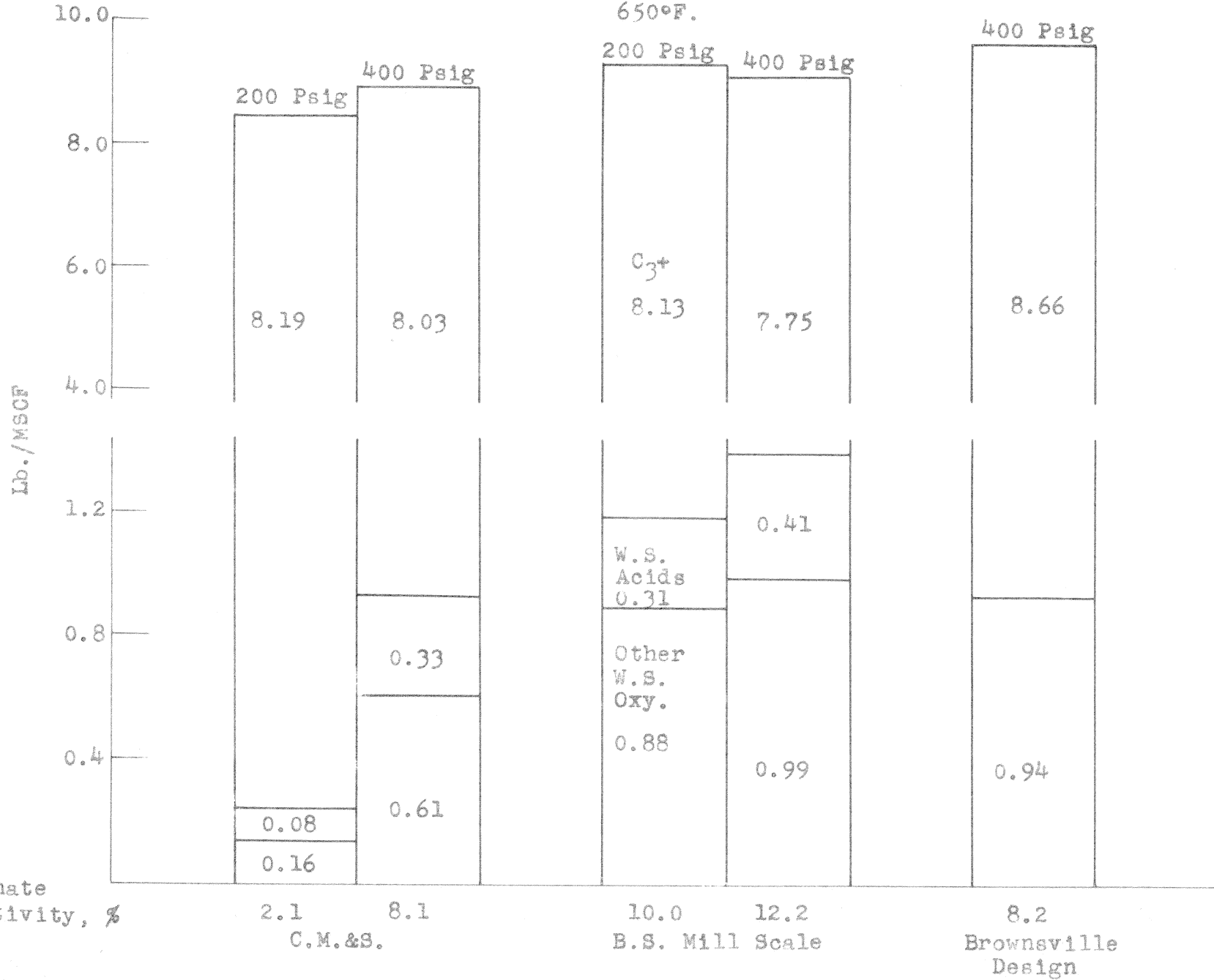


EFFECT OF ATMOSPHERIC PRESSURE CARBIDING
UPON OXYGENATE SELECTIVITY

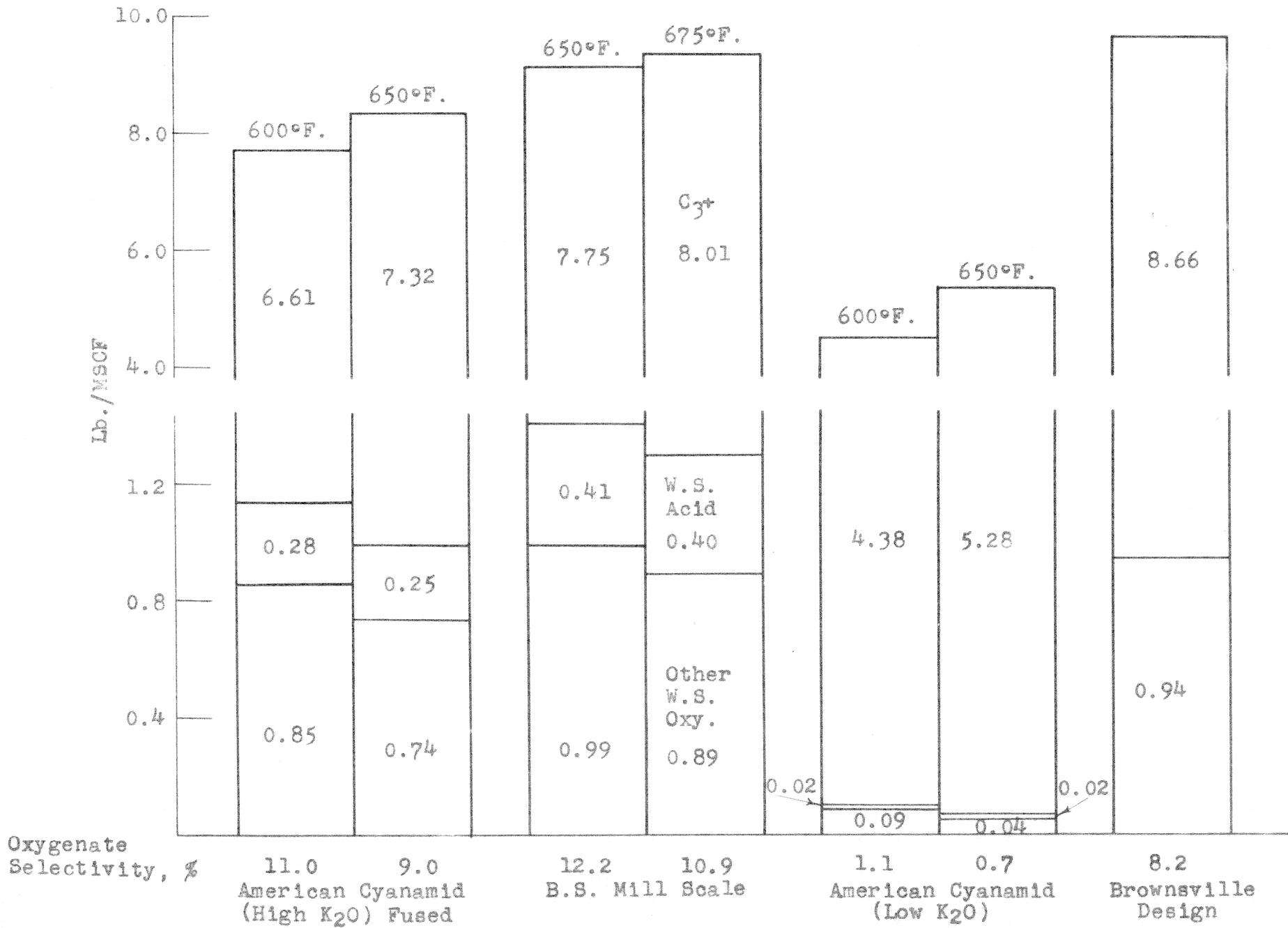


EFFECT OF SYNTHESIS PRESSURE

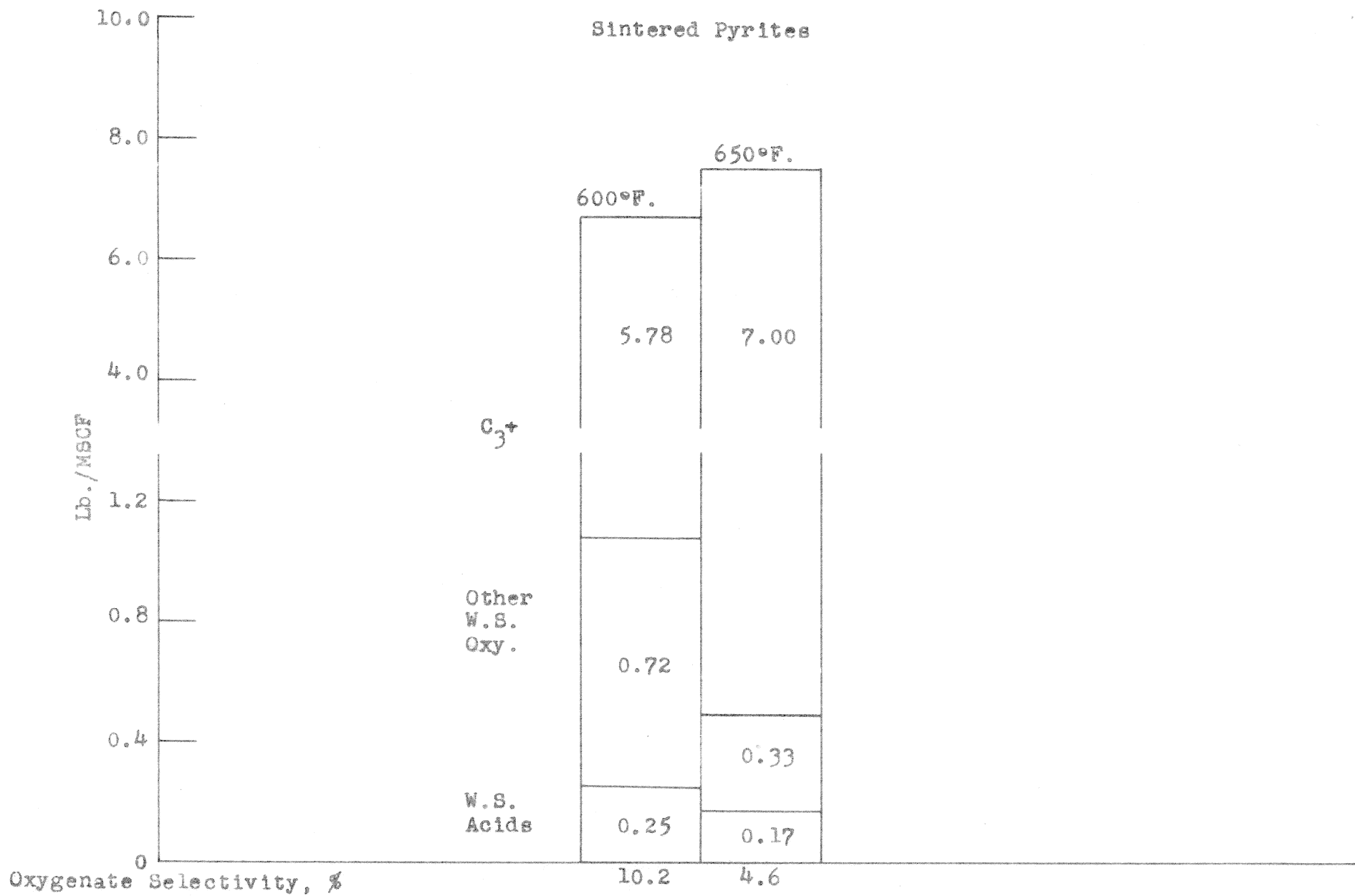
650°F.



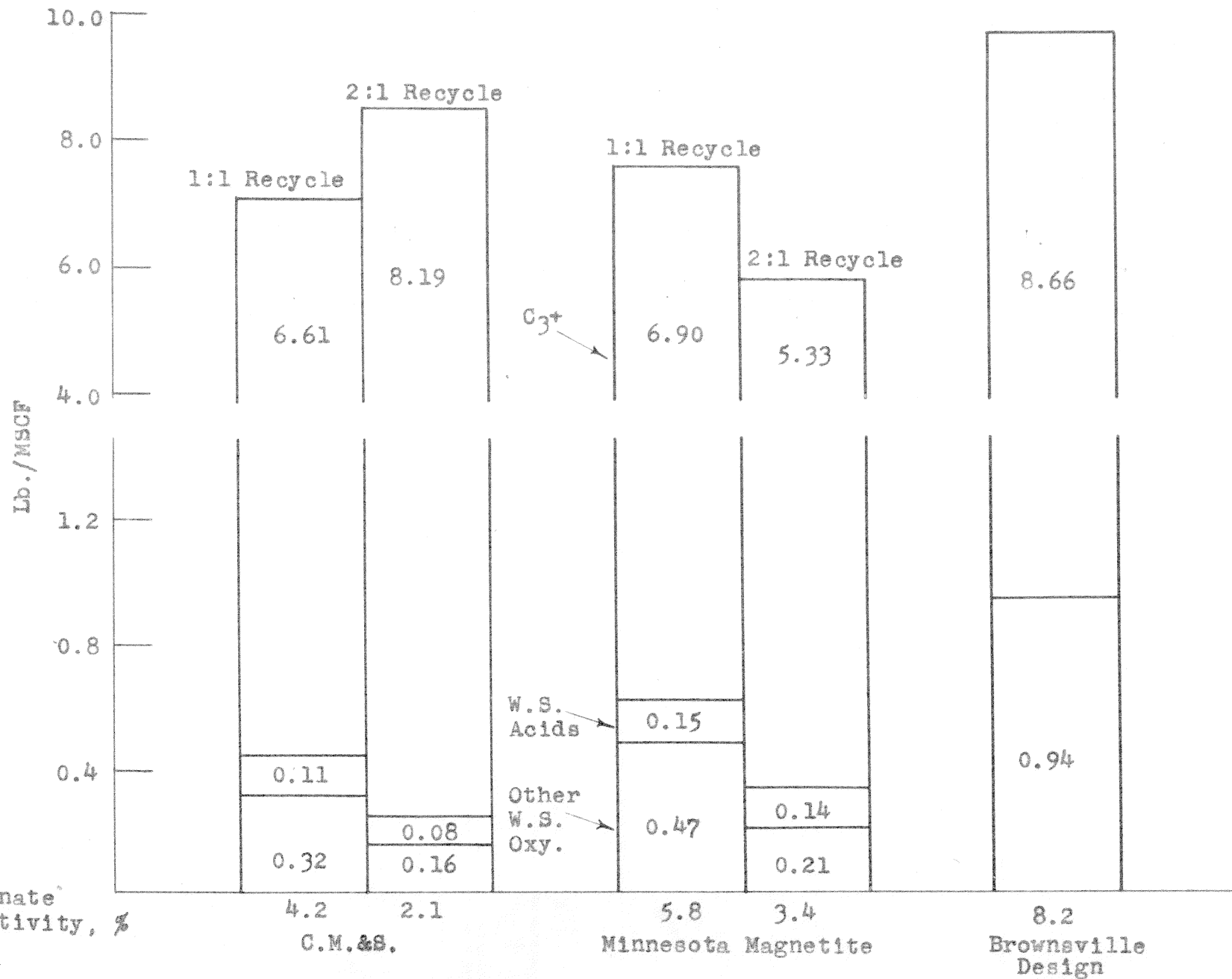
EFFECT OF SYNTHESIS TEMPERATURE

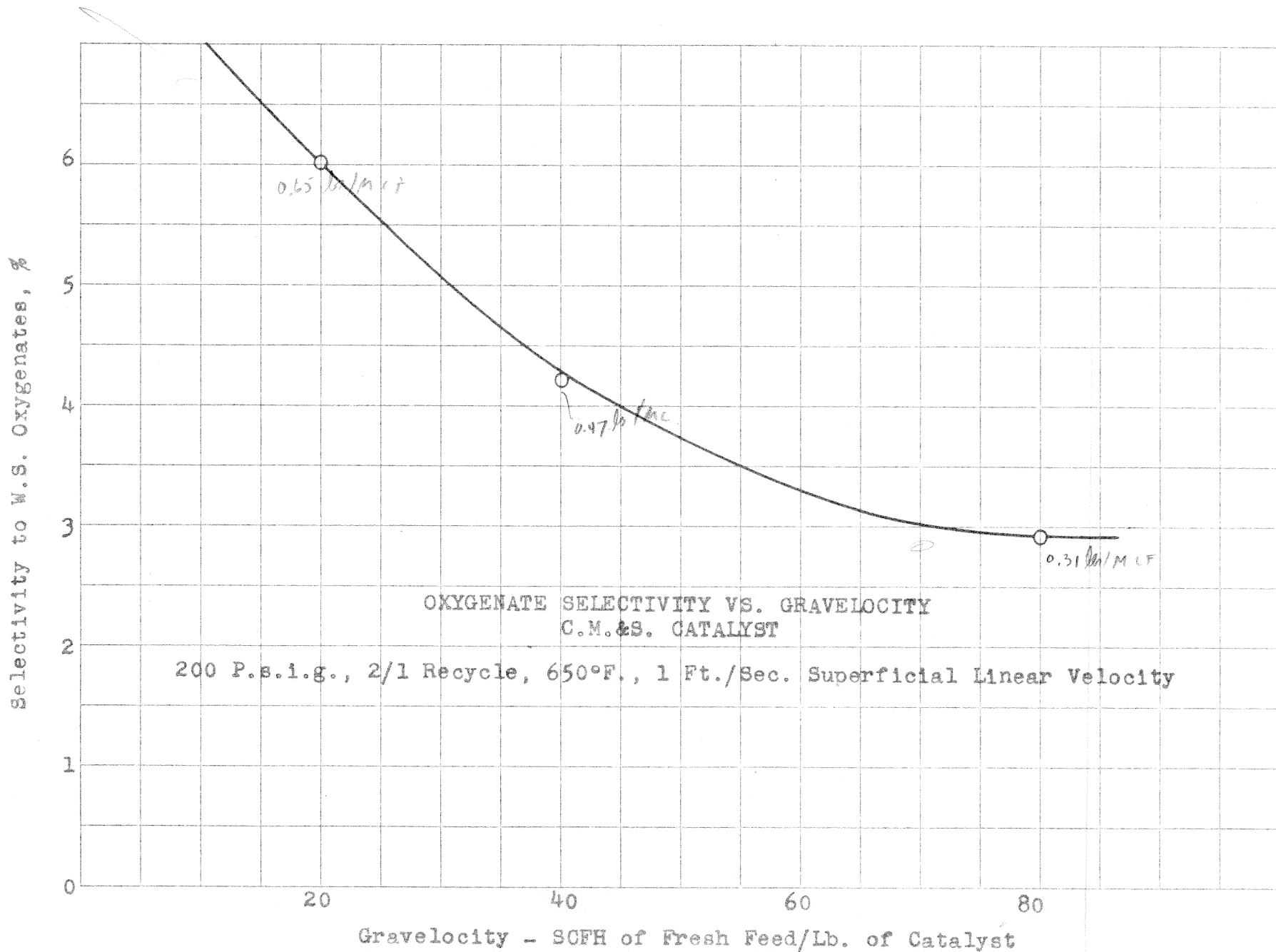


EFFECT OF SYNTHESIS TEMPERATURE

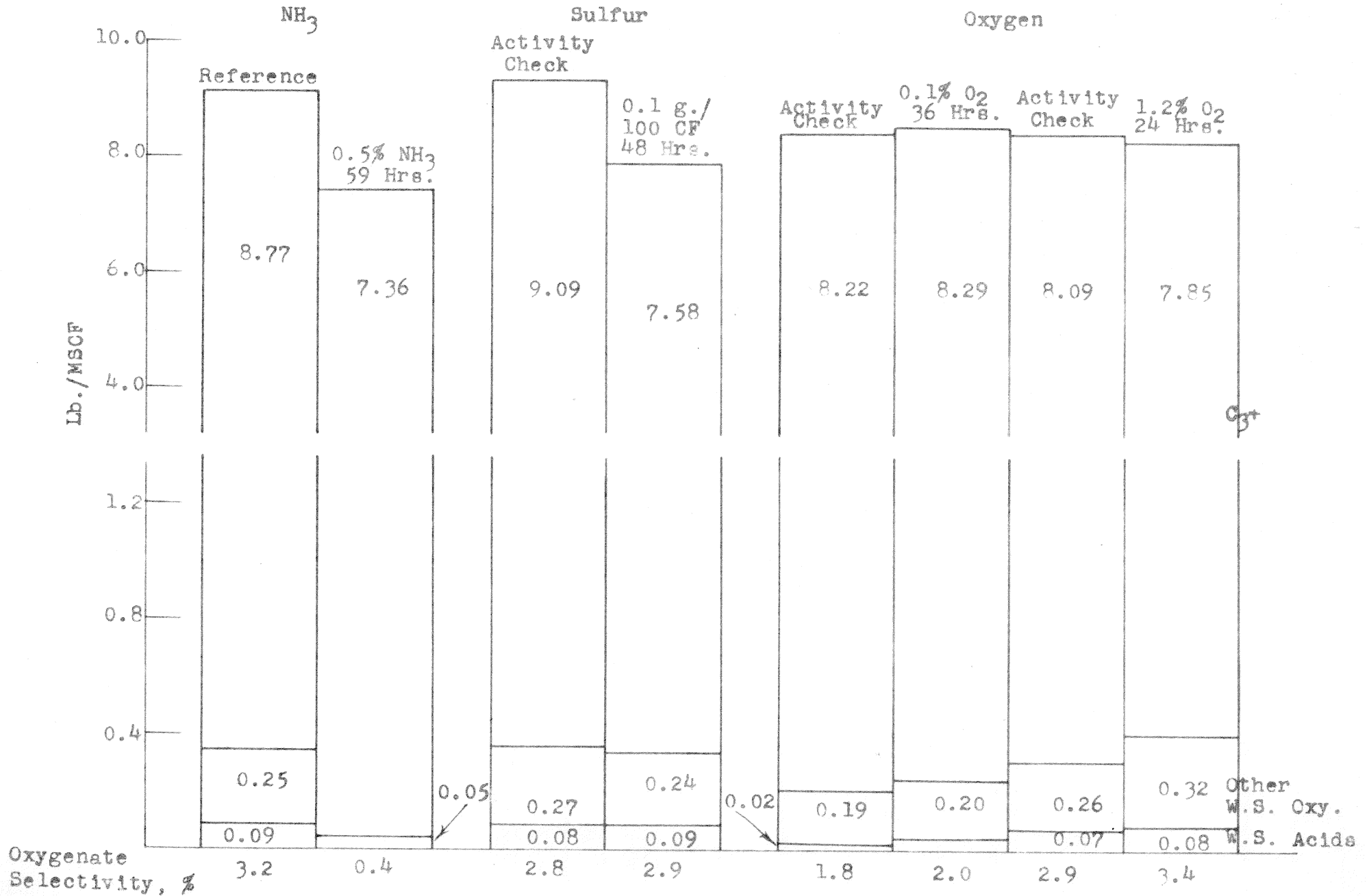


EFFECT OF RECYCLE RATIO



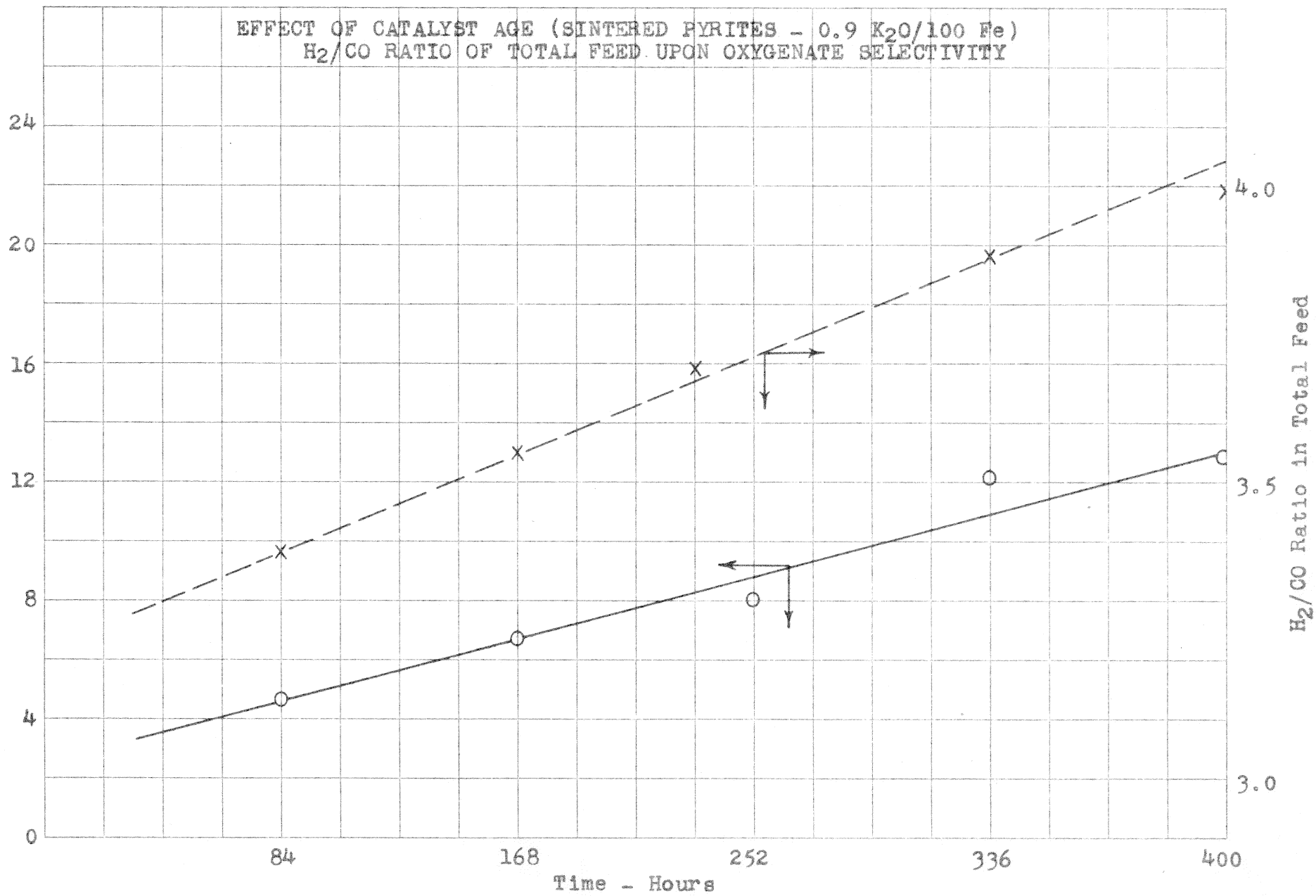


EFFECT OF SMALL PERCENTAGE IMPURITIES
IN THE SYNTHESIS FEED



EFFECT OF CATALYST AGE (SINTERED PYRITES - 0.9 K₂O/100 Fe)
H₂/CO RATIO OF TOTAL FEED UPON OXYGENATE SELECTIVITY

$$\% \text{ Oxygenate Selectivity} = \frac{\text{Wt. W.S. Oxygenates}}{\text{Wt. Total Cl}^+} \times 100$$



$\% \text{ Oxygenate Selectivity} = \frac{\text{Wt. of W.S. Oxygenates}}{\text{Wt. of Total C}_{1+}} \times 100$

EFFECT OF CATALYST LIFE (C.M.&S. CATALYST)
AND H₂/CO TOTAL FEED RATIO UPON OXYGENATE SELECTIVITY

