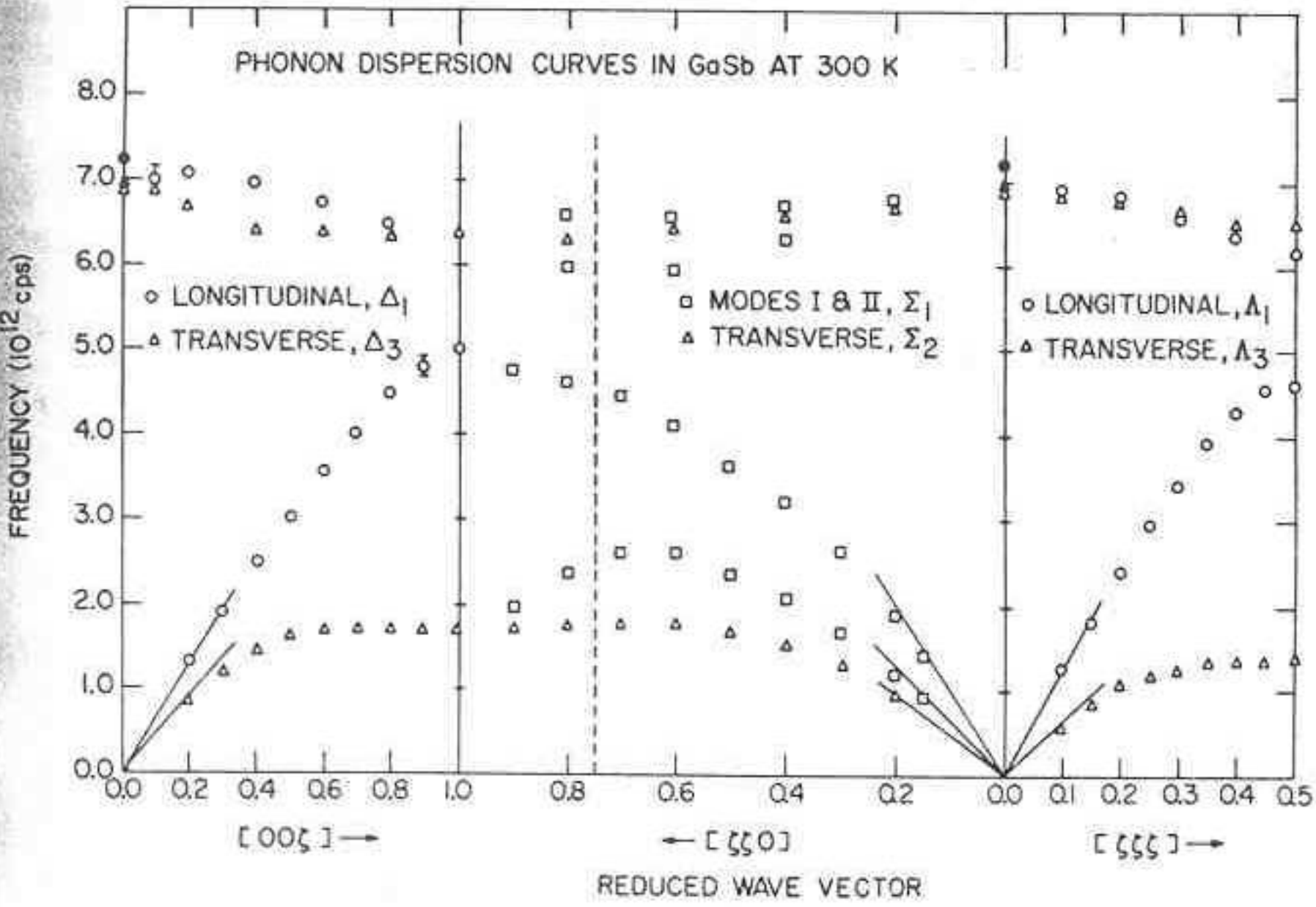
PHONON DISPERSION CURVES IN GaSb AT 300 K
FREQUENCY (10^{12} cps)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
LONGITUDINAL, Δ_1
TRANSVERSE, Δ_3
MODES I & II, Σ_1
TRANSVERSE, Σ_2
LONGITUDINAL, Λ_1
TRANSVERSE, Λ_3
0.0 0.2 0.4 0.6 0.8 1.0
0.8 0.6 0.4 0.2
0.0 0.1 0.2 0.3 0.4 0.5
[00ζ] →
← [ζζ0]
[ζζζ] →
REDUCED WAVE VECTOR