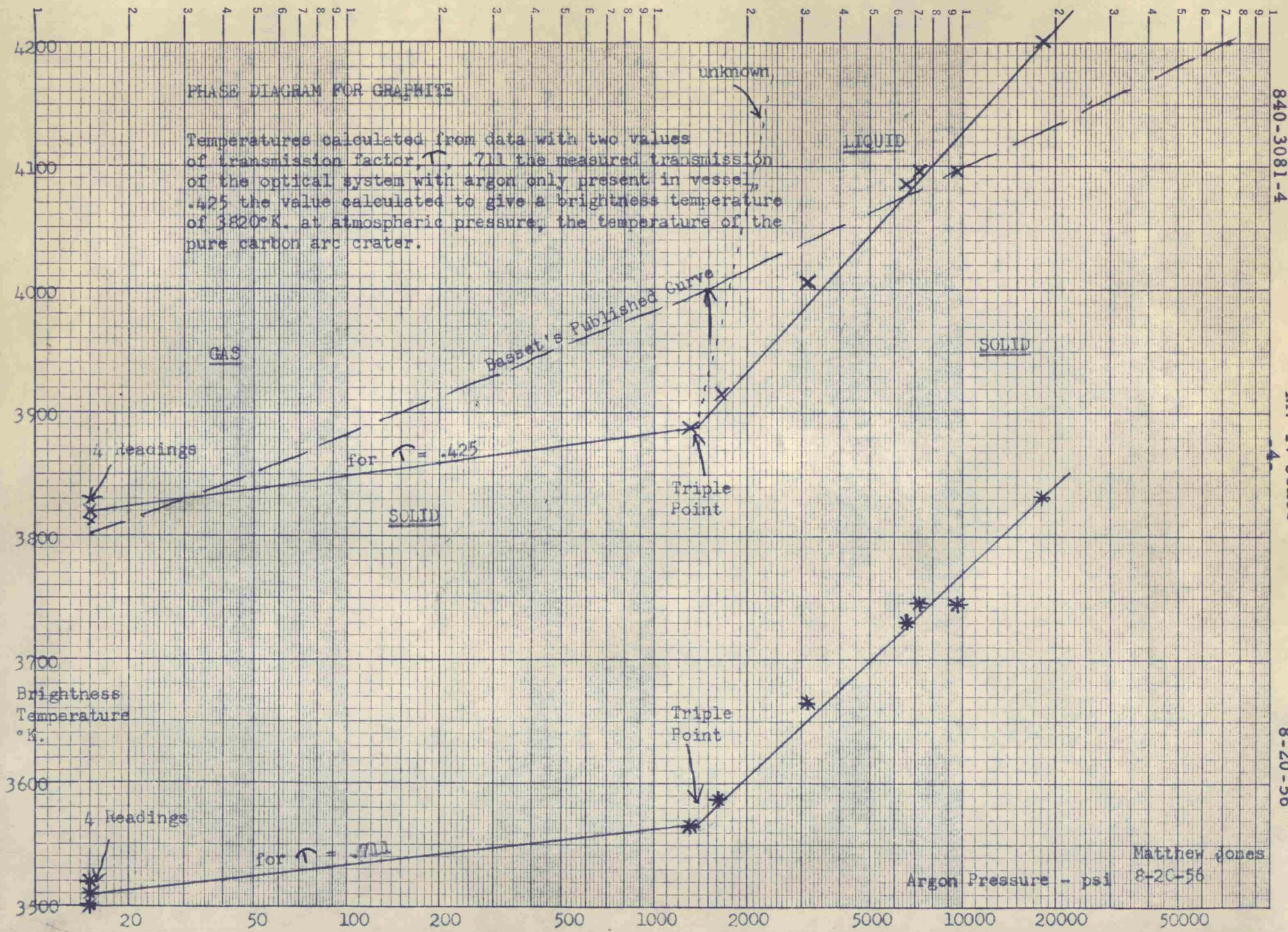


PHASE DIAGRAM FOR GRAPHITE

Temperatures calculated from data with two values
 of transmission factor, τ , .711 the measured transmission
 of the optical system with argon only present in vessel,
 .425 the value calculated to give a brightness temperature
 of 3820°K. at atmospheric pressure, the temperature of the
 pure carbon arc crater.



840-3081-4

MONTHLY REPORT
 M. T. Jones

8-20-56

Matthew Jones
 Argon Pressure - psi 8-20-56