

Fig. 2.6.--Shock Velocity as Function of Particle Velocity. Curves labelled 3rd, 4th, are fits based on zero-pressure elastic constants up to 3rd and 4th order respectively for X and Z-cut crystals.

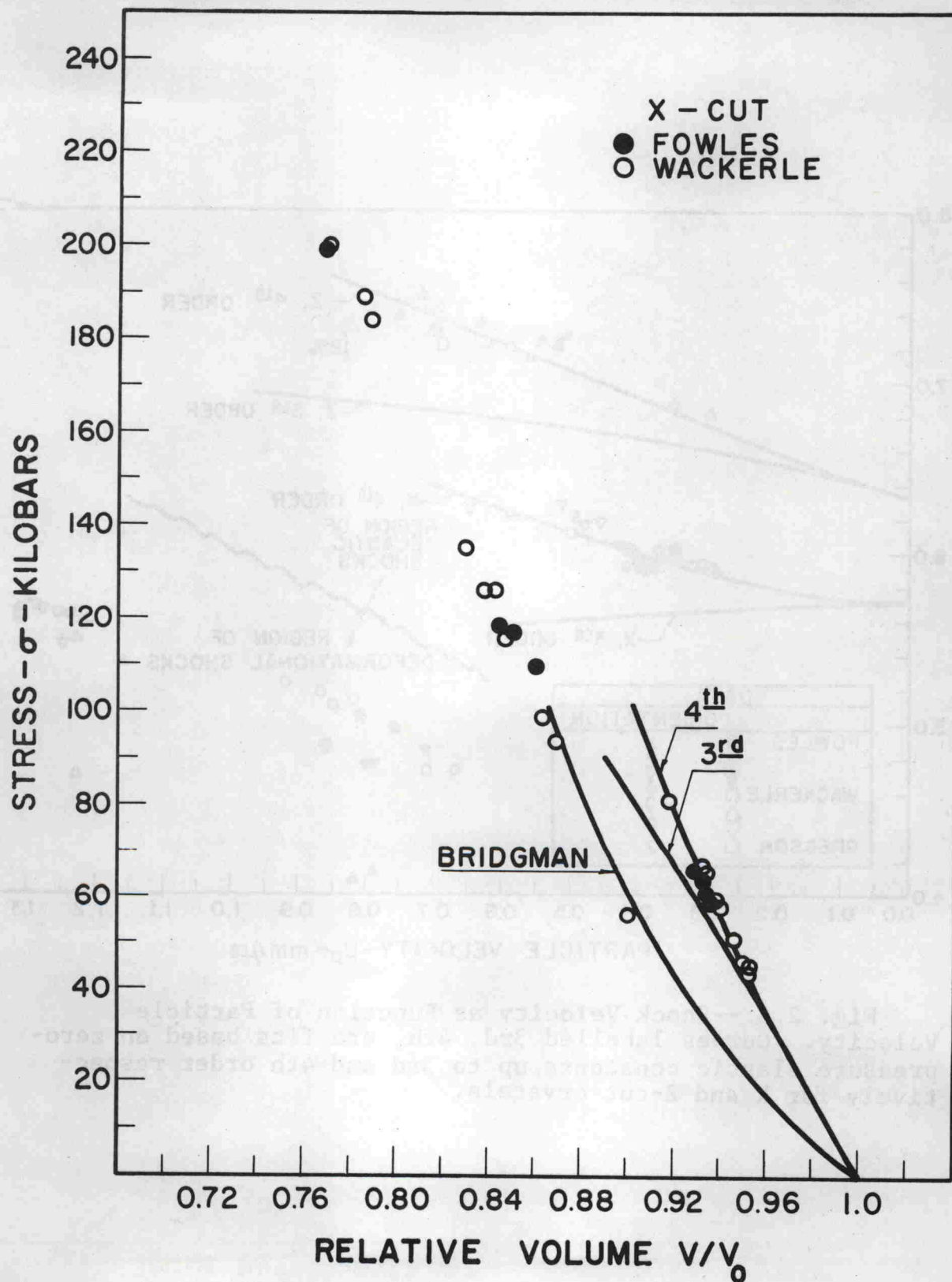


Fig. 2.7.--Stress-Volume States Resulting From Shock Compression of X-cut Quartz. Solid curve is Bridgman's Hydrostatic Data. Curves Labelled 3rd, 4th, are fits based on zero-pressure elastic constants to 3rd and 4th order.