

FIG. 10. Plot of specific volume vs. pressure in kg/cm^2 for the Bridgman and data of lithium, sodium, potassium, rubidium at room temperature. \circ Bridgman II experimental values, \bullet Bridgman III experimental values, — represents, in each case, the theoretical values for the specific volumes obtained by using equation (10) with the proper J and L values for each metal obtained from the combined Br II-Br III least squares curve of $-(\partial p/\partial v)_T$ vs. pressure for the individual metals and the proper H value for the metal as indicated in Table 2 for the combined Br II-Br III determinations.

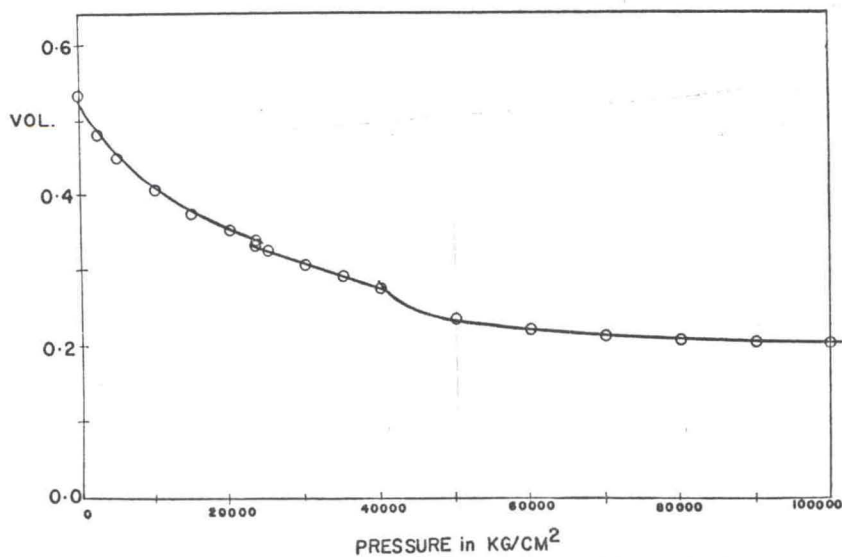


FIG. 11. Plot of specific volume vs. pressure in kg/cm^2 for the Bridgman cesium data at room temperature. The three sets of data: low pressure, medium pressure and high pressure, are presented as points. The solid lines represent the theoretical specific volumes as calculated using equation (10) with the proper J and L values indicated in Table 1 and the proper H values as indicated in Table 2.