

investigated. Two runs were made for each of six transitions and the results are given in Table 7.

All runs were made at 25 °C.

TABLE 7
PRESSURE CALIBRATION DATA

Transition	Oil Pressure (psig)		Transition Pressure (kilobar)	Reference
	Onset	Finish		
Ce	580	605	8.1	(33)
	550	575		
Hg	850	860	12.2	(34)
	910	920		
Bi I-II	1830	1870	26.5	(35)
	1840	1880		
Tl II-III	3010	3050	35.4	(35)
	2940	2970		
Yb I-II	3390		38.2	(35)
	3380			
Ba I-II	5290	5380	54.6	(35)
	5270	5460		

The electrical resistance of the sample and oil pressure to the rams were recorded during each pressure calibration run. The transitions were detected by an abrupt change of slope in the resistance versus oil pressure graph. The data for the first run for each transition are shown in Figure 23.

The precision for the pressure calibration data varies from ± 5 psi for the Bi transition to ± 35 psi for