

APPARATUS	YEAR	AUTHORS	REF.	Bi	Bi	Tl	Ba	Yb	Bi	Sn	Fe	Ba
				I-II	II-III	II-III	II-III		III-V	I-II	α - ϵ	
Piston-cylinder	1941	BRIDGMAN	1	25		39,2 /	58,8 /	-	88,2 /	-	-	-
	1942	-in volume change (vol)				40	60		90			
Bridgman's anvil	1952	BRIDGMAN-by resistance (res)	2	25,65	27,08	45	78,4 /80	58,8		no data below 100 kbar		
Shock	1956	BANCROFT & al	5								131	
Belt	1958	BUNDY (res)	17	25,65	27,08	45	78,4 /80	58,8	122,5	114	-	-
Shock	1960	BOYD & ENGLAND (res)	14	25,2		37,1						
Drickamer's anvil	1961	BALCHAN & DRICKAMER (res)	4	-	-	-	59 ± 1	-	90 ± 2	-	133	144
Piston-cylinder	1962	KENNEDY - LA MORI (vol)	3	25,38 ±0,02	26,96 ±0,18	36,7 ± 0,1	59,6 ± 1	-	-	-	±1,5%	-
Drickamer's anvil	1962	BALCHAN & DRICKAMER (res)	9							113 /		
Piston-cylinder	1963	KLEMENT-JAYARAMAN-KENNEDY	10						~78	115		
Tetrahedral press	1963	HALL & MERRILL (res)	18					39,5				
Bridgman's anvil	1964	STARK & JURA	6						81 ± 4	99 ± 4	118 ± 6	
Bridgman's anvil	1964	STROMBERG & al	24							107		
Piston-cylinder	1965	ROUX	21	25,5 ±0,15	27,6 ±0,15	36,8 ±0,6						
Tetrahedral press	1965	JEFFERY (vol) (res)	8	↑ 25,0 ↓ ±0,5	↑ 28,0 ↓ ±0,6	↑ 35,6 ±1,3	↑ 54,5 ±1,5	↑ 38,1 ±1,3	↑ 76,5 ±2	↑ 92 ±3,5	-	-
Cubic press	1965	GIARDINI & SAMARA (ind.vol)	19						81-82			
Tetrahedral press	1966	JEFFERY (res)	11	↑ 26,2 ±0,8	↑ 29,1 ±0,8							
		BARNETT - sheet										
		VAN FLEET - wire										
		HALL		↑ 26,5 ±1,3	29,7 ±1,4	35,4 ±2,1	↑ 54,6 ±0,9	↑ 38,2 ±1,5	↑ 75,7 ±1,3	↑ 92 ±3		
Piston gauge	1966	VERESHCHAGIN, ZUBOVA & al	13	25,4 1%	26,9 1%	36,9 1%	58,5 1%		89,3 1%			
Dead-weight piston gauge	1967	HEYDEMANN (vol)	20	{ 25,31 25,50	±0,06	according to grain size and purity						
Piston-cylinder	1967	KENNEDY & al	29				55,0 ±0,5					

TABLE 1 - PRESSURE TRANSITION DATAS