Table V

Pressure Derivatives of the Elastic Constants of Silver

A. Pressure derivatives of the normal and shear constants for the [110] direction compared with those from Daniels and Smith[6].

Derivative	This Work	Comparison	Difference
$\frac{dC^n_{110}}{dP}$	8.70	8.70	0%
$\frac{dC}{dP}$	2.37	2.31	2%
$\frac{dC'}{dP}$	0.636	0.639	-1%
$\frac{dB_s}{dP}$	6.12	6.18	-1%

B. The directly measured pressure derivatives of the normal and shear constants for the [100] and [111] directions compared with those computed from our measurements on the [110] crystal.

Derivative	Measurement	From [110]	Difference
$\frac{dC^n_{100}}{dP}$	6.82	6.97	-2%
$\frac{dC^\tau_{100}}{dP}$	2.30	2.37	-3%
$\frac{dC^n_{111}}{dP}$	9.60	9.27	4%
$\frac{dC^\tau_{111}}{dP}$	1.25	1.21	3%