TABLE A3. Expansion Coefficients A_n^N with Standard Errors of W^2 according to (A1) for Shear and Quasi-Shear Modes

Coefficient	Mode No.	$\vec{N}$	$\vec{U}$	Sample	$N = 2$ and $n = 2$, 10^{-8}cm^2 sec^{-2} kb^{-2}	$N = 3$ and $n = 2$, 10^{-8}cm^2 sec^{-2} kb^{-2}	$N = 3$ and $n = 3$, 10^{-8}cm^2 sec^{-2} kb^{-3}
c_{44}	1	[010]	[001]	1	-447 ± 27	-685 ± 148	16 ± 10
	2	[010]	[001]	4	-501 ± 35	-605 ± 205	7 ± 13
	3	[001]	[010]	1*	-392 ± 36	-486 ± 100	10 ± 8
	4	[001]	[010]	1	-361 ± 24	-711 ± 100	22 ± 6
	Average				-425 ± 31	-622 ± 51	14 ± 3
c_{55}	5	[100]	[001]	1	-917 ± 24	-1127 ± 132	13 ± 8
	6	[100]	[001]	3	-806 ± 33	-1306 ± 134	32 ± 8
	7	[001]	[100]	1	-881 ± 45	-1584 ± 192	46 ± 12
	Average				-868 ± 33	-1339 ± 96	31 ± 10
c_{66}	8	[100]	[010]	1	-253 ± 22	30 ± 119	-19 ± 8
	9	[100]	[010]	3*	-200 ± 35	298 ± 155	-32 ± 10
	10	[010]	[100]	1	-257 ± 56	-723 ± 309	30 ± 20
	11	[010]	[100]	4	-237 ± 28	10 ± 151	-16 ± 10
	Average				-237 ± 13	-385 ± 459	-9 ± 50
c_{12}	12	$[l m 0]$	$[m\bar{l}0]$	2*	-459 ± 45	-714 ± 256	17 ± 17
	13	$[l m 0]$	$[m\bar{l}0]$	2	-448 ± 76	-1037 ± 419	40 ± 21
	Average				-454 ± 35	-876 ± 115	29 ± 8
c_{13}	14	$[l 0 n]$	$[n0\bar{l}]$	4*	-632 ± 71	1 ± 374	-44 ± 25
	15	$[l 0 n]$	$[n0\bar{l}]$	4*	-659 ± 83	-806 ± 491	10 ± 33
	Average				-646 ± 10	-403 ± 285	-17 ± 19
c_{23}	16	$[0 m n]$	$[0n\bar{m}]$	3*	-375 ± 24	-498 ± 139	8 ± 9
	17	$[0 m n]$	$[0n\bar{m}]$	3	-349 ± 33	395 ± 201	2 ± 3
	Average				-362 ± 9	-52 ± 315	5 ± 2

*Run made with Arenberg PSP AFC ultrasonic equipment. All other data were taken with MRL PSP AFC equipment.

those for $N = 2$ and $N = 3$, and it is therefore reasonable to expect that an increase of 50% represents an upper bound for the truncation error. To eliminate or reduce the truncation error for A_2^N, all measurements would have to be extended to substantially higher pressures and the data fitted to a polynomial of degree N greater than 3 or 4, such that this fit would still be statistically significant and A_2^N would become independent of N within its standard deviation. This task remains for the future.

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