

Table II. Shot data for liquid nitrogen.

| Shot No.       | Explosive <sup>a</sup> and thickness (cm) | Driver system <sup>b</sup> and thickness (cm) | Dural target thickness (cm) | Dural shock vel. (km/sec) |
|----------------|-------------------------------------------|-----------------------------------------------|-----------------------------|---------------------------|
| 1 <sup>c</sup> | 10.16 Bar                                 | 2.54 Ur                                       | 1.14                        | 6.07 ± 0.07               |
| 2              | 5.08 Bar                                  | 2.54 Br                                       | 1.06                        | 6.24 ± 0.04               |
| 3 <sup>c</sup> | 10.16 Bar                                 | Target plate only                             | 1.14                        | 6.58 ± 0.03               |
| 4 <sup>c</sup> | 10.16 TNT                                 | Target plate only                             | 1.14                        | 6.97 ± 0.03               |
| 5 <sup>c</sup> | 10.16 CB                                  | Target plate only                             | 1.14                        | 7.48 ± 0.02               |
| 6 <sup>c</sup> | 10.16 9404                                | Target plate only                             | 1.14                        | 7.71 ± 0.02               |
| 7              | 10.16 CB                                  | 0.16 AG, 0.033 Poly, 0.66 FP, 2.54 AG         | 0.32                        | 7.91 ± 0.01               |
| 8              | 5.08 9404                                 | 0.033 Poly, 0.32 Du FP, 1.59 AG               | 0.32                        | 8.48 ± 0.05               |
| 9 <sup>c</sup> | 15.24 9404                                | 0.013 Poly, 0.64 Du FP, 3.18 AG, 0.64 Du      | 1.14                        | 8.58 ± 0.07               |
| 10             | 15.24 CB                                  | 0.013 Poly, 0.32 SS FP, 2.54 AG, 0.32 Du      | 0.64                        | 8.89 ± 0.06               |
| 11             | 15.24 CB                                  | 0.013 Poly, 0.32 SS FP, 2.54 AG, 0.32 Du      | 0.32                        | 9.13 ± 0.06               |
| 12             | 10.16 CB                                  | 0.16 AG, 0.033 Poly, 0.24 SS FP, 2.54 AG      | 0.32                        | 9.19 ± 0.10               |
| 13             | 15.24 CB                                  | 0.16 AG, 0.033 Poly, 0.32 SS FP, 2.54 AG      | 0.32                        | 9.22 ± 0.06               |
| 14             | 10.16 CB                                  | 0.16 AG, 0.033 Poly, 0.20 SS FP, 2.54 AG      | 0.32                        | 9.35 ± 0.08               |
| 15             | 10.16 CB                                  | 0.013 Poly, 0.16 SS FP, 2.54 AG               | 0.32                        | 9.43 ± 0.07               |