

Stopping for Ion : **Li** , Target = **Si**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Num |
|-------------|--|---------------------------|
| 1970 | Apel, D. Muller-Jahreis, U. Schwabe, S. 'On the Z ² -Dependence of Electronic Stopping Cross Section' <i>Phys. Stat. Sol. A, 3, K173-75 (1970)</i> <i>Comment : S. 10-100 keV Li -> Si, V, Cr, Fe, Ge, Se</i> | 1970-Apel 0655 |
| 1975 | Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A, 275, 209-14 (1975)</i> <i>Comment : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB2, AlB12, B4C, B2O3, BPO4, B4Si, CaB6, CeB6, Crb, Crb2, Cr2B3, H2O, D2O, HBO2, H3BO3, HFB2, KBF4, KBH4, LaB6, LiBH</i> | 1975-Neuw2 0813 |
| 1976 | Neuwirth, W. Pietsch, W. Hauser, U. 'Stopping Cross Sections of Elements with Z=2 to 87 for Li Ions with Energies Between 80 keV and 840 keV' <i>Physics Data, Erstes Physikalisches Institut, Univ. Zu Koln, Germany (1976)</i> <i>Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)</i> | 1976-Neuw 1178 |
| 1977 | Thompson, D. A. Robinson, J. E. Walker, R. S. 'Inelastic Stopping of Medium Energy Light Ions in Silicon' <i>Rad. Effects, 32, 169-175 (1977)</i> <i>Comment : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si</i> | 1977-Thom 1076 |
| 1979 | Comas, J. Wilson, R. G. 'Channeling and Random Equivalent Depth Distributions of 150 keV Li, Be, and B Implanted in Si' <i>Preprint (1979) 2</i> <i>Comment : S, R, dR. 150 keV Li, Be, B -> Si</i> | 1979-Coma 1145 |
| 1984 | Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Li-7 Ions' <i>Nucl. Inst. Methods, B5, 449 (1984)</i> <i>Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</i> | 1984-Sant2 1758 |
| 1991 | Kuronen, A. 'A Study of Stopping Power using Nuclear Methods' <i>Comm. Physico-Math. (Finland), 122, 1-36 (1991)</i> <i>Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)</i> | 1991-Kuro 1914 |
| 1995 | Li, Z. Zhou, Z. Y. Zhao, G. Q. Tang, J. Y. Yang, F. 'Measured Stopping Powers for Li Ions in Silicon Single Crystal at 1-5 MeV' <i>Chinese Phys. Letters, 13, 172-174 (1995)</i> <i>Comment : S. Li (1-5 MeV) -> Si</i> | 1995-Li 1825 |

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| 1996 | Gelfort, S. Kerkow, H. Stolle, R. Petukhov, V. P. Romanowski, E. A. 'Angular Dependence of the Electronic Energy Loss for Low Energy Heavy Ions under Channeling Conditions' <i>Nucl. Inst. Methods, B115, 315-318 (1996)</i> <i>Comment : S. Channeling of ions He to Kr in Si <110></i> | 1996-Gelf 1814 |
| 1996 | Li, Z. Zhao, G. Q. Zhou, Z. Y. Tang, J. Y. Yang, F. C. 'Measured Stopping Powers of Li Ions in Silicon Single Crystal at 1-5 MeV' <i>Chinese Phys. Letters, 13, 172-174 (1996)</i> <i>Comment : S. Li (1.0 - 5.0 MeV) -> Si (channeling effects)</i> | 1996-Li 2064 |
| 1996 | Liu, J. R. Zheng, Z. S. Chu, W. K. 'Stopping Cross Sections of C, Al, Si for Li-7 Ions' <i>Nucl. Inst. Methods, 118, 24-28 (1996)</i> <i>Comment : S. Li (1-7 MeV) -> C, Al, Si</i> | 1996-Liu 0592 |
| 1996 | Misdaq, M. A. Ellassali, R. 'Average Stopping Powers for Channeled Ions using Calculational and Experimental Methods' <i>Nucl. Inst. Methods, 119, 325-330 (1996)</i> <i>Comment : S. Light ions -> Si, GaAs (channeled)</i> | 1996-Misd 0964 |
| 1999 | Jiang, W. Grotzschel, W. Pilz, W. Schmidt, B Moller, W. 'Random and Channeling Stopping Powers and Charge State Distribuitions in Silicon for 0.2 - 1.2 MeV/u Positive Heavy Ions' <i>Phys. Rev. B, 59, 226-234 (1999)</i> <i>Comment : S. Li, B, C, N, O, P, Cl (0.2 - 1.2 MeV/u) -> Si</i> | 1999-Jian 2333 |
| 2001 | DaSilva, D. L. Azevedo, G. de M. Behar, M. Dias, J. F. Grande, P. L. 'Random Energy Loss and Stragglng Study of Li into Si' <i>Nucl. Inst. Methods, B175-177, 98-101 (2001)</i> <i>Comment : S. dS. Li (380 - 2500 keV) -> Si</i> | 2001-daSi 2348 |
| 2001 | daSilva, D. L. Azevedo, G. Behar, M. Dias, J. F. Grande, P. L. 'Random Energy Loss and Stragglng Study of Li into Si' <i>Nucl. Inst. Methods, B175-177, 98 - 101 (2001)</i> <i>Comment : S, dS. Li -> Si</i> | 2001-Silv 3124 |
| 2002 | Azevedo, G. Behar, M. Dias, J. F. Grande, P. L. daSilva, D. L. 'Random and Channeling Stopping Powers of He and Li Ions in Si' <i>Phys. Rev., B-65, 075203-1 - 9 (2002)</i> <i>Comment : S. He, Li -> Si</i> | 2002-Azev 3122 |
| 2002 | Whitlow, H. J. Timmers, H. Elliman, R. G. Weijers, T. D. Zhang, Y. 'Measurement and Uncertianties of Energy Loss in Silicon over a Wide Z1 Range using Time-of-Flight Detector Telescopes' <i>Nucl. Inst. Methods, B195, 133-146 (2002)</i> <i>Comment : S. Li, Be, B, C, N, O, F, Na, Mg, Al, Si, P, Mn, Fe -> Si</i> | 2002-Whit2 3136 |

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|------------------|--|--|------------------|------|
| 2009 | Barradas, N.P. Alves, E Siketic, Z. Bogdanovic, I. Radovic, 'Stopping power of different ions in Si measured with a bulk sample method and Bayesian inference data analysis ' <i>AIP Conf. Proc. 1099, 331 (2009)</i> <i>Comment : S. H (0-2500 keV), Li (0-3000 keV) ->Si</i> | <table border="1"><tr><td>2009-Barr</td></tr><tr><td>3151</td></tr></table> | 2009-Barr | 3151 |
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