

# Citations for Target : **Cd**

<b>Pub. Year</b>	<b>Authors, Title, Journal Citation and Comments</b>	<b>Citation Numb</b>
<b>1920</b>	VonTrautenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -&gt; H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	<b>1920-VonT</b> 0123
<b>1928</b>	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -&gt; Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	<b>1928-Rose</b> 0110
<b>1949</b>	Teasdale, J. G. 'Stopping of Various Elements Relative to Aluminum for 12 MeV Protons' <i>Univ. of Calif. at Los Angeles, Rpt.Np 1368, 1-16 (1949)</i> <i>Comment : S. 12 MeV H -&gt; Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th</i>	<b>1949-Teas</b> 0122
<b>1951</b>	Sachs, D. C. Richardson, J. R. 'The Absolute Energy Loss of 18 MeV Protons in Various Materials' <i>Phys. Rev., 83, 834-837 (1951)</i> <i>Comment : S. H (18 MeV) -&gt; Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.</i>	<b>1951-Sach</b> 1748
<b>1955</b>	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz., 28, 651-54 (1955) [Engl. Trans. Sov. Phys. JETP, 1, 435-38 (1955)]</i> <i>Comment : R. 1-7 MeV H -&gt; Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al</i>	<b>1955-Ryba</b> 0111
<b>1955</b>	Sonett, C. P. Mackenzie, K. R. 'Relative Stopping Power of Various Metals for 20 MeV Protons' <i>Phys. Rev., 100, 734-32 (1955)</i> <i>Comment : S. 20.6 MeV H -&gt; Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.</i>	<b>1955-Sone</b> 0116
<b>1957</b>	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev., 106, 848-51 (1957)</i> <i>Comment : S. Rel. To Al. 19.8 MeV H -&gt; Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th</i>	<b>1957-Burk</b> 0149
<b>1959</b>	Zrellov, V. P. Stoletov, G. D. 'Range-Energy Relation for 660 MeV Protons' <i>Zh. Eksp. Teor. Fiz., 36, 664-72 (1959) [Engl. Trans. Sov. Phys. JETP, 9, 461-67 (1959)]</i> <i>Comment : R. 660 MeV H -&gt; Cu. S Rel. To Cu, 635 MeV H -&gt; H, Be, C, Fe, Cd, W</i>	<b>1959-Zrel</b> 0222

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1963	Meckbach, W. Allison, S. K. 'Ratio of Effective Charge of He Beams Traversing Gaseous Metallic Conductors' <i>Phys. Rev.</i> , 132, 294-304 (1963) <i>Comment</i> : S. 148-920 keV He, 37-230 keV H -> Cd (Gas. And Sol. Phase)	1963-Meck 0176
	Johnson, C. H. Kernell, R. L. 'Use of the (p,n) Reaction to Measure Proton Atomic Stopping Powers in Ag, Cd, In, and Sn' <i>Phys. Rev.</i> , 169, 974-77 (1968) <i>Comment</i> : S. 4.5 MeV H -> Ag, Cd, In, Sn	1968-John 0355
1970	Eldridge, G. Govind, P. K. Nieman, D. A. Chernow, F. 'Radiation Damage Studies of Bismuth Ion-Implanted CdS' <i>Proc. of the European Conference on Ion Implantation. Peter Peregrinus, Publisher, Stevenhage, England, P. 143-48 (1970)</i> <i>Comment</i> : R, dR. 25 keV Bi -> CdS	1970-Eldr 0697
	Eldridge, G. Chernow, F. Rise, G. 'Further Studies of Bismuth-Implanted Cadumium Sulfide' <i>J. Appl. Phys.</i> , 44, 3858-61 (1973) <i>Comment</i> : R,dR. 25 keV 209Bi -> CdS (Cryst.)	1973-Eldr 0496
1974	Engel, P. F. Borders, J. A. Chernow, F. 'Stopping Power of Cadmium Sulfide for Helium Ions' <i>J. Appl. Phys.</i> , 45, 38-42 (1974) <i>Comment</i> : S. 0.96-5.3 MeV He -> CdS	1974-Enge 0629
	Engel, P. F. Chernow, F. 'Deep Penetration of Implanted Po in CdS' <i>Ion Implantation in Semiconductors, Namba (ed.), Plenum, N. Y. 267-74 (1975)</i> <i>Comment</i> : R, dR. 25 keV 210Po -> CdS (Cryst.)	1975-Enge 0749
1975	Miller, W. E. Hutchby, J. A. 'Stopping Cross Sections for 0.25-3.0 MeV 4He Ions in Cadmium Sulfide.' <i>J. Appl. Phys.</i> , 46, 4479-83 (1975) <i>Comment</i> : S. 0.25-3.0 MeV He -> CdS	1975-Mill 0778
	Lemberg, I. K. Pasternack, A. A. 'A New Method for Studying the Nuclear and Electronic Mechanisms of Heavy Ion Stopping in Matter' <i>Nucl. Inst. Methods</i> , 140, 71-80 (1977) <i>Comment</i> : S. 0.5-1.5 MeV Cr -> Cr, Ni -> Ni, Cd -> Cd	1977-Lemb 1043
1977	Pape, A. Hage-Ali, M. Refaei, S. M. Siffert, P. Cooperman, E. L. 'Stopping Power and Stragglng of H and 4He in ZnTe and CdTe' <i>Rad. Effects</i> , 33, 193-197 (1977) <i>Comment</i> : S, dS. 500-2800 keV H, He -> ZnTe, CdTe	1977-Pape 0947

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<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 68-75 (1980)</i> <i>Comment : S,R,dR. 25-2000 keV N -&gt; Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te</i>	<b>1980-Land2</b> 1373
<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1980-Land3</b> 1453
<b>1980</b>	Ryssel, H. Muller, K. Biersack, J. Kruger, W. Lang, G. 'Range and Range Straggling of Ion-Implanted Boron in Cd <sub>0.2</sub> -Hg <sub>0.8</sub> -Te' <i>Phys. Stat. Sol. A, 57, 619-624 (1980)</i> <i>Comment : R, dR. 60-400 keV B -&gt; Cd</i>	<b>1980-Ryss2</b> 1346
<b>1984</b>	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Zr, Pd, Cd, In, and Pb for 6.5 MeV Protons and Mean Excitation Energies' <i>Nucl. Inst. Methods, B2, 195 (1984)</i> <i>Comment : S. H (6.5 MeV) -&gt; Zr, Pd, Cd, In, Pb (mean ionization energies)</i>	<b>1984-Ishi2</b> 1678
<b>1984</b>	Sirotnin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. 'Proton Energy Loss in Solids' <i>Nucl. Inst. Methods, B4, 337 (1984) -1</i> <i>Comment : S. H (0.1-6.0 MeV) -&gt; Al, Si, Sc, V, Cu, Zn, Ga, Ge, Y, Zr, Nb, Mo, Ag, Cd, In, Sn, La, Sm, Gd, Yb, Hf, Ta, W, Pt, Au, Pb</i>	<b>1984-Siro</b> 1770
<b>1985</b>	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1985-Land</b> 1454
<b>1987</b>	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> <i>Comment : R. He-3 (50-1500 keV) -&gt; Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO2</i>	<b>1987-Fink</b> 1645
<b>1988</b>	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the Z <sup>1/3</sup> Correction and the Values of Mean Excitation Potential for 21 Metallic Elements' <i>Nucl. Inst. Methods, B33, 158 (1988)</i> <i>Comment : S. H, He (6.5 MeV) -&gt; Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	<b>1988-Saka</b> 1752

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<b>1988</b>	Wilson, R. G. '(111) Random and (110) Channeling Implantation Profiles and Range Parameters in HgCdTe' <i>J. Appl. Phys.</i> , 63, 5302-5311 (1988) <i>Comment</i> : R, dR. 45 Ions (H to Ta) at 100-700 keV -> HgCdTe	1988-Wils 1397
<b>1988</b>	Wilson, R. G. 'Ion Implantation and SIMS Profiling of Impurities in II-VI Materials HgCdTe and CdTe' <i>J. Crystal Growth</i> , 86, 735-743 (1988) <i>Comment</i> : R, dR. 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe	1988-Wils2 1445
<b>1992</b>	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods</i> , B66, 345-351 (1992) <i>Comment</i> : S. H (70 MeV) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb	1992-Bich2 1624
<b>1995</b>	Shevchenko, V. A. 'Stopping Power Measurements of Low Energy Protons using Backscattering on the Target' <i>Metall-Novei.-Tekh.</i> , 17, 27-29 (1995) Translated in "Physics of Metals" <i>Comment</i> : S. H (80-240 keV) -> Si, Cd, Fe, Au, YBaCuO	1995-Shev 2378
<b>2010</b>	Serkovic Loli, L.N. Sanchez, E.A. Grizzi, O. Arista, N.R. 'Stopping power of fluorides and semiconductor organic films for low-velocity protons' <i>Phys. Rev. A</i> 81, 022902 (2010) <i>Comment</i> : S. H (0.7-25 keV) -> AlF3, LiF, EP-PTCDI	2010-Serk 3191