

Scattering of Protons by Deuterons

Physical Review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Angular Distribution of 1 to 3.5 Mev Deuterons Scattered by Deuterons. Physical Review, 1948, 74, 1594-1598.	2.7	19
2	The Scattering of 2.4- to 3.5-Mev Protons by Protons. Physical Review, 1948, 74, 553-561.	2.7	34
3	Technique for Observing Nuclear Disintegrations and Scattering in Small Gas Volumes. Review of Scientific Instruments, 1948, 19, 591-594.	1.3	8
4	The Scattering of Protons by Deuterons. Physical Review, 1948, 73, 260-261.	2.7	4
5	A Phase-Shift Analysis of the Scattering of Protons by Deuterons. Physical Review, 1948, 73, 1-6.	2.7	17
6	A Study of the Interaction of Protons with Tritium. Physical Review, 1949, 75, 1361-1365.	2.7	17
7	Scattering of Protons by Tritons. Physical Review, 1949, 76, 1137-1141.	2.7	27
8	The Scattering of Deuterons by Helium at Deuteron Energies from 0.9 to 3.5 Mev. Physical Review, 1949, 75, 1678-1680.	2.7	25
9	Deuteron-Proton Scattering Using Photographic Techniques. Physical Review, 1950, 78, 656-662.	2.7	17
10	The Scattering Lengths of the Deuteron and π^+ Scattering. Physical Review, 1950, 80, 1111-1112.	2.7	13
11	Neutron Production by Proton Bombardment below the (p,n) Threshold. Physical Review, 1950, 80, 109-110.	2.7	8
12	Deuteron-Proton Scattering at 10.0 Mev by a Coincidence Method. Physical Review, 1951, 81, 37-48.	2.7	16
13	The Scattering of 10.4-Mev Deuterons by Hydrogen. Physical Review, 1951, 82, 777-782.	2.7	31
14	The Scattering of Protons by Tritons. Physical Review, 1951, 82, 589-596.	2.7	37
15	Elastic Scattering of 9.7-Mev Protons by Deuterium and by Hydrogen. Physical Review, 1952, 88, 433-438.	2.7	48
16	The Elastic Scattering of Deuterons by Tritons. Physical Review, 1952, 88, 257-261.	2.7	16
17	A Phase Shift Analysis of Neutron-Deuteron Scattering. Physical Review, 1952, 86, 727-730.	2.7	11
18	Differential Cross-Section Measurements for the Scattering of Protons by Deuterons. Physical Review, 1952, 88, 253-256.	2.7	23

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19	The scattering of neutrons and of protons by deuterons. Proceedings of the Royal Society of London Series A, Mathematical and Physical Sciences, 1952, 211, 183-203.	1.4	36
20	Proton-Deuteron Scattering at 5.1 Mev and Deuteron-Proton Scattering at 10.2 Mev. Physical Review, 1952, 88, 1408-1411.	2.7	6
21	Elastic Scattering of Protons and Neutrons by Deuterons. Physical Review, 1953, 91, 100-121.	2.7	141
22	Scattering of Neutrons by Deuterons. Physical Review, 1953, 89, 1165-1170.	2.7	34
23	Small-Angle Cross Sections for the Scattering of Protons by Tritons. Physical Review, 1954, 95, 772-775.	2.7	38
24	Thin Glass Windows. Review of Scientific Instruments, 1955, 26, 562-563.	1.3	9
25	Investigation of Deuteron Induced Reactions by Magnetic Analysis II: Results for ^9Be , ^{12}C , ^{14}N and ^{16}O . Proceedings of the Physical Society Section A, 1956, 69, 28-42.	1.1	49
26	$n \rightarrow p$ Elastic Scattering from 1.6 to 2.0 Mev. Physical Review, 1956, 101, 1772-1779.	2.7	11
27	Deuteron-Proton Scattering at 11.7 Mev. Physical Review, 1957, 107, 200-202.	2.7	5
28	$n \rightarrow d$ Scattering at 2.45 and 3.27 Mev. Physical Review, 1957, 105, 1816-1820.	2.7	33
29	Elastic Scattering of 40-Mev Protons by Deuterons. Physical Review, 1958, 110, 136-138.	2.7	32
30	THE NEUTRON YIELD FROM HEAVY ICE TARGETS BOMBARDED WITH PROTONS BELOW THE D(n, p) ^2H REACTION. J. Phys. Chem., 1960, 64, 1074-1078.	1.1	14
31	Elastic scattering of 24.4 MeV deuterons by protons. Nuclear Physics (journal), 1960, 21, 189-195.	1.9	22
32	Polarization of protons elastically scattered from deuterons. Nuclear Physics (journal), 1965, 62, 497-510.	1.9	12
33	Reactions $^3\text{H}(n, p)^3\text{H}$ and $^3\text{H}(n, \alpha)^3\text{He}$ at $E_n = 14.4$ MeV. Physical Review Letters, 1965, 14, 444-446.	7.8	55
35	Phase-shift analysis of elastic nucleon-deuteron scattering. Nuclear Physics A, 1967, 92, 561-583.	1.5	97
36	Polarization and phase shifts in D(p,p)D at 3.00 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1967, 25, 585-587.	4.1	15
37	Coulomb Scattering in the Three-Body Problem. Physical Review, 1969, 177, 1406-1415.	2.7	10

#	ARTICLE	IF	CITATIONS
38	The elastic scattering of protons by deuterium. Nuclear Physics A, 1969, 130, 624-634.	1.5	30
39	Cross sections for proton-deuteron scattering from 1.0 to 10.0 MeV. Nuclear Physics A, 1969, 132, 455-467.	1.5	79
40	Semiempirical Interpolation Formula for Elastic $n-d$ Scattering. Physical Review C, 1970, 1, 1740-1742.	2.9	2
41	Elastic scattering and polarization of fast neutrons by liquid deuterium and tritium. Annals of Physics, 1972, 74, 250-299.	2.8	60
42	Model independent estimate of the nd coupling constant. Physical Review C, 1976, 14, 1702-1703.	2.9	1
43	Empirical continuation of the differential cross section. Journal of Physics G: Nuclear Physics, 1979, 5, 937-959.	0.8	17
44	Differential cross sections and analyzing powers for pd elastic scattering below 1.0 MeV. Nuclear Physics A, 1983, 406, 435-442.	1.5	24
45	Phase-shift analysis of pd elastic scattering below break-up threshold. Nuclear Physics A, 1983, 406, 443-455.	1.5	47
46	Exact Three-Body Calculation of pd Polarization Observables. Physical Review Letters, 1988, 61, 1077-1080.	7.8	19
47	Faddeev calculations for low-energy $np-d$ scattering. Physical Review C, 1990, 41, 1365-1383.	2.9	33
48	Determination of proton-deuteron scattering lengths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 103-107.	4.1	13
49	Ion beam analysis methods in the studies of plasma facing materials in controlled fusion devices. Vacuum, 2003, 70, 423-428.	3.5	19
50	Measurement of the $D(p,p)D$ cross section at laboratory backward angles of 151° and 167° . Nuclear Instruments & Methods in Physics Research B, 2007, 261, 405-408.	1.4	1
51	Solution of Faddeev-type equations and calculation of the low-energy pd scattering cross section. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 817-821.	0.6	0
52	Cross-section for $D(p,p)D$ elastic scattering from 1.8 to 3.2 MeV at the laboratory angles of 155° and 165° . Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2341-2344.	1.4	6
53	$n-d$ elastic scattering using the hyperspherical harmonics approach with realistic local and nonlocal interactions. Physical Review C, 2009, 80, .	2.9	46
54	Development of a reference database for Ion Beam Analysis and future perspectives. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2972-2978.	1.4	37
55	Faddeev equations and the method of hyperspherical harmonics in the problem of three-nucleon continuum. Physics of Particles and Nuclei, 2012, 43, 294-310.	0.7	3

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56	Testing Nucleon-nucleon Potentials in Three- and Four-nucleon Scattering Observables. Few-Body Systems, 2013, 54, 2395-2406.	1.5	3
57	Reexamination of ^6Li scattering in inverse kinematics. Physical Review C, 2015, 91, .	2.9	20
58	Study of the $^6\text{Li} + p \rightarrow ^3\text{He} + ^4\text{He}$ reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	2.5	10
59	Breakup of $^6\text{Li} + p$ at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	2.9	19
60	Low-Energy Three- and Four-Nucleon Scattering Experiments. Lecture Notes in Physics, 1978, , 267-294.	0.7	1
61	THE COLLISIONS OF DEUTERONS WITH NUCLEONS. , 2013, , 235-270.		0