

Bibliography

- [1] Samuel S. M. Wong. Wiley-VCH Verlag GmbH & Co. KGaA, University of Toronto, 1999.
- [2] G. R. Satchler. Macmillan, Oak ridge Tennessee 37831, 1990.
- [3] W. Norenberg. North-Holland Publishing Company, GSI, Darmstadt, F. R. Germany, 1980.
- [4] P.E. Hodgson. *Rivista Del Nuovo Cimento.*, 1:1, 1978.
- [5] Antonio M. Moro. Nuclear reactions: applications and examples. 2008.
URL <http://departamento.us.es/famn/tsi08/>.
- [6] G. R. Satchler. *Phys. Rep.*, 199:147, 1991.
- [7] M. A. Nagarajan et al. *Phys. Rev. Lett.*, 54:1136, 1985.
- [8] M.E. Brandan and G.R. Satchler. *Phys. Rep.*, 285:143, 1997.
- [9] Gomes et al. *J. Phys. G*, 31:S166, 2005.
- [10] C. Signorini et al. *Phys. Rev. C*, 61:061603(R), 2000.
- [11] J.M. Figueira et al. *Phys. Rev. C*, 81:024613, 2010.
- [12] J. Lubian et al. *Phys. Rev. C*, 64:027601, 2001.
- [13] E.F. Aguilera et al. *Phys. Rev. C*, 79:021601 R, 2009.
- [14] A.R. Garcia et al. *Phys. Rev. C*, 76:067603, 2007.
- [15] A. Gomez Camacho et al. *Nucl. Phys. A*, 833:156, 2010.

- [16] P.R.S. Gomes et al. *Phys. Rev. C*, 70:054605, 2004.
- [17] A. Gomez Camacho et al. *Phys. Rev. C*, 77:054606, 2008.
- [18] S.B. Moraes et al. *Phys. Rev. C*, 61:064608, 2000.
- [19] R. J. Woolliscroft et al. *Phys. Rev. C*, 69:044612, 2004.
- [20] P.R.S. Gomes et al. *Phys. Rev. C*, 71:034608, 2005.
- [21] L.F. Canto et al. *Phys Rep.*, 424:1, 2006.
- [22] L.F. Canto et al. *Nucl. Phys. A*, 821:51, 2009.
- [23] Jin Lei et al. *Phys. Rev. C*, 86:057603, 2012.
- [24] H. Timmers et al. *Nucl. Phys. A*, 584:190, 1995.
- [25] H. M. Jia et al. *Phys. Rev. C*, 82:027602, 2010.
- [26] Jin Lei et al. *Phys. Rev. C*, 86:057602, 2012.
- [27] C. Signorini et al. *Eur. Phys. J. A*, 5:7, 1999.
- [28] N. Keeley et al. *Nucl. Phys. A*, 571:326, 1994.
- [29] A.M.M. Maciel et al. *Phys. Rev. C*, 59:2103, 1999.
- [30] N. N. Deshmukh et al. *Phys. Rev. C*, 83:024607, 2011.
- [31] S. Santra et al. *Phys. Rev. C*, 83:034616, 2011.
- [32] A. Pakou et al. *Phys. Lett. B*, 556:21, 2003.
- [33] A. Pakou et al. *Phys. Rev. C*, 69:054602, 2004.
- [34] I. Padron et al. *Phys. Rev. C*, 66:044608, 2002.
- [35] K. Kalita et al. *Phys. Rev. C*, 73:024609, 2006.
- [36] M. Sinha et al. *Phys. Rev. C*, 78:027601, 2008.
- [37] A. Pakou et al. *Eur Phys. J. A*, 39:187, 2009.

- [38] E. de. Barbara et al. *AIP Conf. Proc.*, 884:189, 2007. URL [doi:10.1063/1.2710578](https://doi.org/10.1063/1.2710578).
- [39] S. Mukherjee et al. *Phys. Rev. C*, 80:014607, 2009.
- [40] M. Zadro et al. *Phys. Rev. C*, 87:054606, 2013.
- [41] D. R. Otomar et al. *Phys. Rev. C*, 80:034614, 2009.
- [42] I. J. Thompson et al. *Comput. Phys. Rep.*, 7:167, 1988.
- [43] S. N. Ghoshal. S. Chand and Company, Ram Nagar, New Delhi, 1994.
- [44] C. Mahaux et al. *Nuclear Physics A*, 449:354, 1986.
- [45] R. W. Gurney and E. Condon. *Nature*, 122:439, 1928.
- [46] R. W. Gurney and E. Condon. *Phys. Rev.*, 33:127, 1929.
- [47] D. L. Hill and J. A. Wheeler. *Phys. Rev.*, 89:1102, 1953.
- [48] S. Kailas. Edited by R. Singh and S. N. Mukherjee, New Age International, 1996.
- [49] A. Gavron. *Phys. Rev. C*, 21:230, 1980.
- [50] K. Hagino. *Comp. Phys. Commun*, 123:143, 1999.
- [51] I. J. Thompson and Filomena M. Nunes. Cambridge University press, New York, USA, 2009.
- [52] M. Dasgupta et al. *Annu. Rev. Nucl. Part. Sci.*, 48:401, 1998.
- [53] N. Rowley et al. *Phys. Lett. B*, 254:25, 1991.
- [54] Y. Tokimoto et al. *Phys. Rev. C*, 63:035801, 2001.
- [55] P. Singh. *Pramana J. Phys.*, 57:639, 2001.
- [56] S. Santra et al. *Nucl. Instr. Meth. A*, 496:44, 2003.

- [57] William E. Leo. *Techniques in Nuclear and Particle Physics Experiments - A How To Approach*. Springer-Verlag, 1987.
- [58] A. Chatterjee. *LAMPS*. —. URL <http://www.tifr.res.in/pell/lamps.html>.
- [59] G.F. Knoll. *Radiation Detection and Measurement*. John Wiley and Sons, 3rd Edition, 1999.
- [60] J. Raynal. *Phys. Rev. C*, 23:2571, 1981.
- [61] J. M. Figueira et al. *Phys. Rev. C*, 73:054603, 2006.
- [62] Mandira Sinha et al. *Phys. Rev. C*, 76:027603, 2007.
- [63] D. H. Luong et al. *Phys. Lett. B*, 695:105, 2011.
- [64] V. V. Parkar et al. *Nucl. Phys. A*, 792:187, 2007.
- [65] D. Abriola et al. *Nucl. Ins. Meth. Phys. B*, 268:1793, 2010.
- [66] K. W. Kemper et al. *Phys. Rev. C*, 6:6, 1972.
- [67] P. Schwandt et al. *Phys. Rev. C*, 26:369, 1982.
- [68] J. Lubian et al. *Nucl. Phys. A*, 791:24, 2007.
- [69] A. A. Rudchik et al. *Phys. Rev. C*, 72:034608, 2005.
- [70] S. Mukherjee et al. *Eur Phys. J. A*, 45:23, 2010.
- [71] K. G. Prasad et al. *Nucl. Instrum. Meth. B*, 40/41:916, 1989.
- [72] H. C. Jain et al. *DAE Symp. Nucl. Phys. 34B*, 383, 1991.
- [73] S. A. Kori et al. *Int. Conf. on Data Acquisition and Control of Accelerators, VECC, Calcutta*, 155, 1991.
- [74] D. Patel et al. *Phys. Rev. C*, —:Accepted, 2015.
- [75] P.R.S. Gomes et al. *Phys. Rev. C*, 71:017601, 2005.

- [76] D. Patel et al. *Pramana J. Phys.*, 81:587, 2013.
- [77] S. Dubey et al. *Phys. Rev. C*, 89:014610, 2014.
- [78] C. Beck et al. *Phys. Rev. C*, 75:054605, 2007.
- [79] N. Keeley et al. *Phys. Rev. C*, 65:014601, 2001.
- [80] V. V. Sargsyan et al. *Phys. Rev. C*, 88:044606, 2013.
- [81] A. Pakou et al. *Nucl. Phys. A*, 784:13, 2007.
- [82] A. Diaz Torres et al. *Phys. Rev. C*, 68:044607, 2003.
- [83] C. Vargas et al. *Phys. Rev. C*, 61:031301, 2000.
- [84] S. S. Ntshangase et al. *Phys. Lett. B*, 651:27, 2007.
- [85] M. Dasgupta et al. *Phys. Rev. C*, 70:024606, 2004.
- [86] C. Signorini et al. *Phys. Rev. C*, 67:044607, 2003.
- [87] D. H. Luong et al. *Phys. Rev. C*, 88:034609, 2013.
- [88] D. Patel et al. *AIP Conf. Proc.*, 171:1524, 2013.
- [89] S. Santra et al. *Phys. Rev. C*, 60:034611, 1999.
- [90] D. Patel et al. *Phys. Rev. C*, 89:064614, 2014.
- [91] N. J. Davis et al. *Phys. Rev. C*, 69:064605, 2004.
- [92] D. Patel et al. *EPJ Web of Conferences*, 86:00032, 2015.