

Bibliography

- [1] E. P. Prendergast, *Ph. D. Thesis, University of London, London* (1971).
- [2] P. M. Endt, *Nucl. Phys. A* **663**, 1 (1998).
- [3] P. J. Brussaard and P. W. M. Glaudemans, *Shell-model applications in nuclear spectroscopy, North-Holland, Amsterdam* (1977).
- [4] J. P. Bondroff, A. S. Botvina, A.S. Iljinov, I. N. Mishustin and K. Sneppen, *Phys. Rep.* **257**, 133 (1995).
- [5] N. Bohr, *Nature* **137** 344 (1936); N. Bohr and J. Wheeler, *Phys. Rev.* **56**, 426 (1939); V. Weisskopf, *Phys. Rev.* **52**, 295 (1937); T. Ericson, *Adv. in Phys.* **9**, 425 (1960).
- [6] C. Y. Wong, *Introduction to high-energy heavy-ion collisions, World Scientific, Singapore* (1994).
- [7] A. Roy, *Current Science* **76**, 149 (1999); *ibid.*, *Pram. J. Phys.* **57**, 659 (2001).
- [8] W. F. Henning, *Proceedings of the Particle Accelerator Conference, Potland, Oregon*, **1**, 16 (2003).
- [9] P. Spiller *et al.*, *Proceedings of 10th European Particle Accelerator Conference, Edinburg, UK*, p. 24 (2006).
- [10] A. D. Ayangeakaa *et al.*, *Phys. Rev. Lett.* **110**, 102501 (2013); *ibid.*, **L 110**, 172501 (2013).
- [11] G. Kaur and M. K. Sharma, *Phys. Rev. C* **87**, 044601 (2013); Rajni, R. Kumar and M. K. Sharma, *ibid. C* **90**, 044604 (2014); R. Kumari and R. K. Puri, *Nucl. Phys. A* **933**, 135 (2015).

- [12] V. V. Desai, B. K. Nayak, A. Saxena, S. V. Suryanarayana and R. Capote, Phys. Rev. C **92**, 014609 (2015); C. Bhatia *et al.*, *ibid.*, C **92**, 064604 (2015); H. Naik *et al.*, Nucl. Phys. A **941**, 16 (2015).
- [13] L. C. Vaz, J. M. Alexander and G. R. Satchler, Phys. Rep. **69**, 373 (1981).
- [14] V. I. Zagrebaev, Phys. Rev. C **64**, 034606 (2001); V. Ninov *et al.*, Phys. Rev. Lett. **83**, 1104 (2002); Z. Q. Feng, G. M. Jin, J. Q. Li and W. Scheid, Phys. Rev. C **76**, 044606 (2007).
- [15] R. Kumar and M. K. Sharma, Phys. Rev. C **85**, 054612 (2012); L. Ma *et al.*, *ibid.* C **91**, 051302(R) (2015); A. Kaur, S. Chopra and R. K. Gupta, *ibid.* C **91**, 064601 (2015); V. Y. Denisov, O. I. Davidovskaya and I. Y. Sedykh, *ibid.* C **92**, 014602 (2015).
- [16] P. K. Rath, R. Chandra, K. Chaturvedi, P. Lohani, P. K. Raina and J. G. Hirsch, Phys. Rev. C **88**, 064322 (2013); *ibid.* C **87**, 014301 (2013).
- [17] R. Kumari, Nucl. Phys. A **917**, 85 (2013); X. J. Bao, Y. Gao, J. Q. Li and H. F. Zhang, Phys. Rev. C **92**, 014601 (2015); *ibid.* C **91**, 064612 (2015).
- [18] *CMS Collaboration*, Phys. Lett. B **716**, 1 (2012); *ibid.*, B **716**, 30 (2012).
- [19] R. Aaij *et al.*, Phys. Rev. Lett. **115**, 072001 (2015); X. H. Liu, Q. Wang and Q. Zhao, *arxiv:1507.05359v1*.
- [20] B. Borderie and M. F. Rivet, Prog. Part. Nucl. Phys. **61**, 551 (2008).
- [21] Y. K. Vermani and R. K. Puri, J. Phys. G: Nucl. Part. Phys. **36**, 105103 (2009).
- [22] S. Kaur and R. K. Puri, Phys. Rev. C **87**, 014620 (2013).
- [23] R. K. Puri and J. Aichelin, J. Comp. Phys. **162**, 245 (2000).
- [24] A. Sharma, A. Bharti, S. Gautam and R. K. Puri, Nucl. Phys. A **945**, 95 (2016).
- [25] W. Scheid, H. Müller and W. Greiner, Phys. Rev. Lett. **32**, 741 (1974).
- [26] H. A. Gustafsson *et al.*, Phys. Rev. Lett. **52**, 1590 (1984).
- [27] P. Danielewicz, R. Lacey and W. G. Lynch, Science **298**, 1592 (2002).

- [28] R. Bansal, S. Gautam, R. K. Puri and J. Aichelin, Phys. Rev. C **87**, 061602 (2013).
- [29] S. Gautam, R. Chugh, A. D. Sood, R. K. Puri, C. Hartnack and J. Aichelin, J. Phys. G: Nucl. Part. Phys. **37**, 085102 (2010).
- [30] C. Hartnack, H. Oeschler, Y. Leifels, E. L. Bratkovskaya and J. Aichelin, Phys. Rep. **510**, 119 (2012).
- [31] H. Stöcker and W. Greiner, Phys. Rep. **137**, 277 (1986).
- [32] See, e.g., <http://www.nscl.msu.edu/>.
- [33] See, e.g., <http://www.ganil-spiral2.eu/setlanguagen>.
- [34] See, e.g., <http://www.sis-germany.com/>.
- [35] J. Aichelin, Phys. Rep. **202**, 233 (1991).
- [36] D. Klakow, G. Welke and W. Bauer, Phys. Rev. C **48**, 1982 (1993).
- [37] H. Kruse, B. V. Jacak, J. J. Molitoris, G. D. Westfall and H. Stöcker, Phys. Rev. C **31**, 1770 (1985); H. Kruse, B. V. Jacak and H. Stöcker, Phys. Rev. Lett. **54**, 289 (1985).
- [38] J. W. Xia, Y. J. Yuan and Y. Liu, *Proceedings of PAC09, Vancouver, BC, Canada*, 3048-3052; X. Cai *et al.*, J. of Phys. Con. Ser. **163**, 012113 (2009).
- [39] Y. Yano, “*The RIKEN RI Beam Factory Project: A status report*”: Nucl. Instr. Meth. B **261**, 1009 (2007).
- [40] INFN-LNL Report **238**, 1828 (2012).
- [41] G. D. Alton and J. R. Beene, J. Phys. G: Nucl. Part. Phys. **24**, 1347 (1998); See, e.g., <http://www.phy.ornl.gov>.
- [42] See, e.g., <http://www.gsi.de/fair/index-e.html>.
- [43] See, e.g., *Physics News, Bulletin of the Indian Physics Association*, **42**, October (2012).

- [44] See, e.g., <http://www.indianexpress.com.kolkata-to-house-asia-s-second-lab-to-study-supernova-conditions/1055235>.
- [45] J. N. De, S. K. Samaddar and B. K. Agrawal, Phys. Rev. C **92**, 014304 (2015).
- [46] B. A. Li, L. W. Chen and C. M. Ko, Phys. Rep. **464**, 113 (2008).
- [47] V. Baran, M. Colonna, V. Greco and M. D. Toro, Phys. Rep. **410**, 335 (2005) .
- [48] M. Lopez-Quelle *et al.*, Nucl. Phys. A **483**, 479 (1988); V. Baran *et al.*, Nucl. Phys. A **703**, 603 (2002); L. W. Chen, C. M. Ko and B. A. Li, Phys. Rev. Lett. **94**, 032701 (2005).
- [49] B. A. Brown, Phys. Rev. Lett. **85**, 5296 (2000); A. E. L. Dieperink *et al.*, Phys. Rev. C **68**, 064307 (2003); M. B. Tsang *et al.*, *ibid.*, C **86**, 015803 (2012); Z. T. Dai *et al.*, *ibid.* C **89**, 014613 (2014); *ibid.* C **91**, 034618 (2015).
- [50] M. Colonna, V. Baran and M. D. Toro, Eur. Phys. J. A **50**, 30 (2014); W. Zuo, I. Bombaci and U. Lombardo, *ibid.*, **12**, 18 (2014).
- [51] D. H. Youngblood, H. L. Clark and Y. W. Lui, Phys. Rev. Lett. **82**, 691 (1999).
- [52] T. Li *et al.*, Phys. Rev. Lett. **99**, 162503 (2007).
- [53] W. Reisdorf *et al.*, Nucl. Phys. A **876**, 1 (2012).
- [54] W. Reisdorf and M. G. Ritter, Ann. Rev. Nucl. Sci. **47**, 663 (1997).
- [55] H. Sorge, Phys. Rev. Lett. **78**, 2309 (1997).
- [56] J. Y. Liu *et al.*, Phys. Rev. Lett. **86**, 975 (2001); *ibid.*, Phys. Rev. C **63**, 054612 (2001).
- [57] M. H. Zhao *et al.*, Phys. Rev. C **89**, 037001 (2014).
- [58] G. Ademard *et al.*, Eur. Phys. J. A **50**, 33 (2014).
- [59] J. K. Dhawan, N. Dhiman, A. D. Sood and R. K. Puri, Phys. Rev. C **74**, 057901 (2006).
- [60] P. B. Gossiaux, D. Keane, S. Wang, and J. Aichelin, Phys. Rev. C **51**, 3357 (1995).

- [61] S. Kumar, S. Kumar and R. K. Puri, Phys. Rev. C **81**, 014601 (2010).
- [62] G. E. Cooper, Nucl. Phys. A **661**, 362 (1999).
- [63] V. Kaur, S. Kumar and R. K. Puri, Nucl. Phys. A **861**, 37 (2011).
- [64] Z. Li *et al.*, Nucl. Phys. A **559**, 603 (1993).
- [65] A. Jain *et al.*, Phys. Rev. C **84**, 057602 (2011); *ibid.* C **85**, 064608 (2012).
- [66] W. Reisdorf *et al.*, Phys. Rev. Lett. **92**, 232301 (2004).
- [67] G. Lehaut *et al.*, Phys. Rev. Lett. **104**, 232701 (2010).
- [68] F. Fu *et al.*, Phys. Lett. B **666**, 359 (2008); B. Hong *et al.*, Phys. Rev. C **57**, 244 (1998).
- [69] R. Stock, Phys. Rep. **135**, 259 (1986).
- [70] J. Aichelin and C. M. Ko, Phys. Rev. Lett. **55**, 2661 (1985).
- [71] C. Fuchs, A. Faessler, E. Zabrodin and Yu-Ming Zheng, Phys. Rev. Lett. **86**, 1974 (2001); D. Miśkowiec *et al.*, *ibid.*, L **72**, 3650 (1994); P. Sengerdag and H. Ströbele, J. Phys. G: Nucl. Part. Phys. **25**, 5 (1996).
- [72] J. W. Harris *et al.*, Phys. Rev. Lett. **47**, 229 (1981); S. Schnetzler *et al.*, *ibid.*, **49**, 989 (1982).
- [73] J.P. Bondorf, Journal de Physique **37**, C5-195 (1976); J. P. Bondorf, *Proceeding of the EPS topical conference on large amplitude collective nuclear motions, Keszthely, Hungary, June 1979.*
- [74] B. Jakobsson *et al.*, Z. Phys. A **307**, 293 (1982).
- [75] B. Jakobsson, *et al.*, Nucl. Phys. A **509**, 195 (1990).
- [76] H. R. Jaqaman, A. Z. Mekjian and L. Zamick, Phys. Rev. C **27**, 2782 (1983); *ibid.* C **29**, 2067 (1984).
- [77] M. W. Curtin, H. Toki and D.K. Scott, Phys. Lett. B **123**, 289 (1983); A. D. Panagiotou, M. W. Curtin and D.K. Scott, Phys. Rev. C **31**, 55 (1985).

- [78] P. J. Siemens, *Nature* **305**, 410 (1983); G. Bertsch and P. J. Siemens, *Phys. Lett. B* **126**, 9 (1983).
- [79] A. I. Goodman, J. I. Kapusta and A. Z. Mekjian, *Phys. Rev.* **30**, 851 (1984).
- [80] W. Stöcker and J. Burzlaff, *Nucl. Phys. A* **202**, 265 (1973).
- [81] D. G. Ravenhall, C. J. Pethick and J. M. Lattimer, *Nucl. Phys. A* **407**, 571 (1983);
D. G. Ravenhall, C. J. Pethick and J. R. Wilson, *Phys. Rev. Lett.* **50**, 2066 (1983).
- [82] B. Friedman and V. R. Pandharipande, *Nucl. Phys. A* **361**, 502 (1981); T. J. Schlagel and V. R. Pandharipande, *Phys. Rev. C* **36**, 162 (1987).
- [83] G. Sauer, H. Chandra and U. Mosel, *Nucl. Phys. A* **264**, 221 (1976); P. Bonche,
S. Levit and D. Vautherin, *Nucl. Phys. A* **428**, 95 (1984); *ibid.* *A* **427**, 278 (1984).
- [84] E. Suraud, *Nucl. Phys. A* **462**, 109 (1987); H. Müller and R.M. Dreizler, *ibid.*, *A*
563, 649 (1994).
- [85] B. D. Serot and J. D. Walecka, *Adv. Nucl. Phys.* **16**, 1 (1986).
- [86] W. A. Kiipper, G. Wegmann and E.R. Hilf, *Ann. of Phys.* **88**, 454 (1974); Y. B.
Ivanov *et al.*, *Fiz. Sov. J. Nucl. Phys.* **34**, 45 (1981).
- [87] J. K. Dhawan and R. K. Puri, *Phys. Rev. C* **75**, 057601 (2007).
- [88] J. P. Hubbele *et al.*, *Z. Phys. A* **340**, 263 (1991).
- [89] A. Schüttauf *et al.*, *Nucl. Phys. A* **607**, 457 (1996).
- [90] A. Bohnet, N. Ohtsuka, J. Aichelin, R. Linden and A. Faessler, *Nucl. Phys. A* **494**,
349 (1989).
- [91] N. Marie *et al.*, *Phys. Rev. C* **58**, 256 (1998); W. Loveland *et al.*, *ibid.* *C* **59**, 1472
(1999).
- [92] C. A. Ogilvie *et al.*, *Phys. Rev. Lett.* **67**, 1214 (1991).
- [93] J. Hubele *et al.*, *Phys. Rev. C* **46**, R1577 (1992).
- [94] L. Phair *et al.*, *Phys. Lett. B* **285**, 10 (1992).

- [95] M. B. Tsang *et al.*, Phys. Rev. Lett. **71**, 1502 (1993).
- [96] J. Lukasik *et al.*, Phys. Rev. C **66**, 064606 (2002).
- [97] R. Sun *et al.*, Phys. Rev. C **61**, 061601 (2000).
- [98] J. Colin *et al.*, Phys. Rev. C **67**, 064603 (2003)
- [99] H. Y. Zhang *et al.*, J. Phys. G: Nucl. Part. Phys. **28**, 2397 (2002).
- [100] Y. Zhang, Z. Li and P. Danielewicz, Phys. Rev. C **75**, 034615 (2007).
- [101] L. W. Chen and C. M. Ko, Phys. Lett. B **634**, 205 (2006).
- [102] P. Russotto *et al.*, Phys. Lett. B **697**, 471 (2011).
- [103] S. Kumar, S. Kumar and R. K. Puri, Phys. Rev. C **81**, 014611 (2010).
- [104] W. K. Wilson, *Ph.D. Thesis, Michigan State University* (1991).
- [105] J. Y. Ollitrault, Nucl. Phys. A **638**, 195 (1998).
- [106] J. P. Alard *et al.*, Phys. Rev. Lett. **69**, 889 (1992).
- [107] L. Phair *et al.*, Nucl. Phys. A **548**, 489 (1992).
- [108] D. Cussol *et al.*, Phys. Rev. C **65**, 044604 (2002).
- [109] S. Piantelli *et al.*, Phys. Rev. C **74**, 034609 (2006); S. Piantelli *et al.*, *ibid.* C **78**, 064605 (2008).
- [110] G. Peilert, H. Stöcker, and W. Greiner, Rep. Prog. Phys. **57**, 533 (1994).
- [111] L. G. Moretto, D. N. Delis and G. J. Wozniak, Phys. Rev. Lett. **71**, 3935 (1993).
- [112] L. Phair *et al.*, Phys. Rev. Lett. **75**, 213 (1995).
- [113] T. C. Sangster *et al.*, Phys. Rev. C **46**, 1404 (1992).
- [114] D. R. Bowman *et al.*, Nucl. Phys. A **523**, 386 (1991).
- [115] P. R. Chomaz *et al.*, Nucl. Phys. A **552**, 508 (1993).

- [116] N. T. Porlie, Nucl. Phys. A **681**, 253 (2001); B. K. Srivastva *et al.*, *ibid.*, C **65**, 054617 (2002); J. B. Elliott *et al.*, *ibid.*, C **71**, 024607 (2005); L. G. Moretto, C. O. Dorso, J. B. Elliott and L. Phair, *ibid.*, C **77**, 037603 (2008).
- [117] A. Insolia *et al.*, Phys. Rev. C **61**, 044902 (2000).
- [118] R. T. de Souza *et al.*, Phys. Lett. B **268**, 6 (1991).
- [119] T. Li *et al.*, Phys. Rev. Lett. **70**, 1924 (1992).
- [120] D. R. Bowman *et al.*, Phys. Rev. C **46**, 1834 (1992).
- [121] T. Li *et al.*, Phys. Rev. C **49**, 1630 (1994);
- [122] C. Williams *et al.*, Phys. Rev. C **55**, R2132 (1997).
- [123] W. J. Llope *et al.*, Phys. Rev. C **51**, 1325 (1995).
- [124] N. T. B. Stone, W. J. Llope, and G. D. Westfall, Phys. Rev. C **51**, 3157 (1995).
- [125] D. Sisan *et al.*, Phys. Rev. C **63**, 027602 (2001).
- [126] M. B. Tsang *et al.*, Phys. Rev. Lett. **92**, 062701 (2004).
- [127] Y. Zhang *et al.*, Phys. Lett. B **664**, 145 (2008).
- [128] M. B. Tsang *et al.*, Phys. Rev. C **76**, 041302(R) (2007); M. Mocko *et al.*, Eur. Phys. Lett. **79**, 12001 (2007).
- [129] T. X. Liu *et al.*, Phys. Rev. C **76**, 034603 (2007).
- [130] R. Planeta *et al.*, Phys. Rev. C **77**, 014610 (2008).
- [131] W. Loveland *et al.*, Phys. Rev. C **59**, 1472 (1999)
- [132] J. D. Frankland *et al.*, Phys. Rev. C **71**, 034607 (2005); J. D. Frankland *et al.*, Nucl. Phys. A **689**, 940 (2001).
- [133] L. Manduci *et al.*, Nucl. Phys. A **811**, 93 (2008).
- [134] E. Bohnet *et al.*, Phys. Rev. Lett. **103**, 072701 (2009).

- [135] E. Galichet, M. Colonna, B. Borderie and M. F. Rivet, Phys. Rev. C **79**, 064615 (2009); E. Galichet *et al.*, *ibid.*, C **79**, 064614 (2009).
- [136] A. S. Botvina *et al.*, Nucl. Phys. A **584**, 737 (1995).
- [137] M. Begemann-Blaich *et al.*, Phys. Rev. C **48**, 610 (1993).
- [138] G. F. Peaslee *et al.*, Phys. Rev. C **49**, R2271 (1994).
- [139] B. de Schauenburg, *et al.*, GSI Rep. **98**, p. 56 (1997); W. Reisdorf, Nucl. Phys. A **630**, 15 (1998); B. Hong *et al.*, Phys. Rev. C **66**, 034901 (2002).
- [140] C. Sfienti *et al.*, Phys. Rev. Lett. **102**, 152701 (2009).
- [141] J. D. Walecka, Ann. Phys. (NY) **83**, 491 (1974); P. Ring, Prog. Part. Nucl. Phys. **37**, 193 (1996); J. Meng and P. Ring, Phys. Rev. Lett. **77**, 3963 (1996).
- [142] Y. G. Ma *et al.*, Phys. Rev. C **69**, 031604 (2004).
- [143] R. Wada *et al.*, Phys. Rev. C **69**, 044610 (2004); J. Wang *et al.*, Phys. Rev. C **72**, 024603 (2005); R. Wada *et al.*, Phys. Rev. C **71**, 054608 (2005).
- [144] D. V. Shetty, G. A. Souliotis, S. Galanopoulos and S. J. Yennello, Phys. Rev. C **79**, 034603 (2009).
- [145] D. V. Shetty *et al.*, J. Phys. G: Nucl Part. Phys. **36**, 075103 (2009).
- [146] D. V. Shetty *et al.*, Phys. Rev. C **68**, 054605 (2003).
- [147] D. V. Shetty, S. J. Yenello and G. A. Souliotis, Phys. Rev. C **76**, 024606 (2007); *ibid.*, C **75**, 034602 (2007).
- [148] A. Ono, P. Danielewicz, W. A. Friedman, W. G. Lynch and M. B. Tsang, Phys. Rev. C **68**, 051601(R) (2003).
- [149] A. Ono, P. Danielewicz, W. A. Friedman, W. G. Lynch and M. B. Tsang, Phys. Rev. C **70**, 041604(R) (2004).
- [150] A. Z. Mekijan, Phys. Rev. C **17**, 1051 (1978).
- [151] J. Randrup and S. E. Koonin, Nucl. Phys. A **356**, 223 (1981).

- [152] D. Hahn and H. Stöcker, Nucl. Phys. A **476**, (1988) 718.
- [153] D. H. E. Gross, Prog. Rep. Phys. **53**, 605 (1990).
- [154] L. Satpathy, M. Mishra, A. Das and M. Satpathy, Phys. Lett. B **237**, 181 (1990); S. Pal, S. K. Samaddar and J. N. De, Nucl. Phys. A **608**, 49 (1996); C. B. Das, A. Das, L. Satpathy and M. Satpathy, Phys. Rev. C **53**, 1833 (1996).
- [155] A. Das, M. Mishra, M. Satpathy, and L. Satpathy, J. Phys. G: Nucl. Part. Phys. **19**, 319 (1993); S. Pal, S. K. Samaddar, J. N. de and B. Djerroud, Phys. Rev. C **57**, 3246 (1998).
- [156] A. B. McIntosh *et al.*, Phys. Lett. B **719**, 337 (2013).
- [157] M. Colonna, P. Roussel-Chomaz, N. Colonna, M. Di Toro, L.G. Moretto and G.J. Wozniak, Phys. Lett. B **283**, 180 (1992).
- [158] S. R. Souza, L. de Paula, S. Leray, J. Nemeth, C. Ngo and H. Ngo, Nucl. Phys. A **571** 159 (1994).
- [159] P. Fong, Phys. Rev. **89**, 332 (1953).
- [160] V. Weisskopf, Phys. Rev. **52**, 295 (1937).
- [161] L. D. Landau, Izv. Akad. Nauk SSSR, Ser. Fiz. **17**, 51 (1953).
- [162] K. Sneppen and R. Donangelo, Phys. Rev. C **39**, 263 (1989).
- [163] A. S. Botvina, A. S. Iljinov, N. Mishustin, J. P Bondorf, R. Donangelo and K. Sneppen, Nucl. Phys. A **475**, 663 (1987).
- [164] W. Bauer *et al.*, Nucl. Phys. A, **452**, 699 (1986).
- [165] A. S. Botvina *et al.*, Phys. Rev. C **74**, 044609 (2006).
- [166] B. de Schauenburg, *et al.*, GSI Rep. 98-1, p. 56 (1997); W. Reisdorf, Nucl. Phys. A **630**, 15c (1998); B. Hong *et al.*, Phys. Rev. C **66**, 034901 (2002)
- [167] E. Suraud, C. Gregoire and B. Tamain, Prog. Part. Nucl. Phys. **23**, 357 (1989).

- [168] A. Bonasera, G. F. Burgio and M. D. Toro, Phys. Lett. B **221**, 233 (1989); A. Bonasera, G. Russo and H. H. Wolter, Phys. Lett. B **246**, 337 (1990).
- [169] L. Willets, Y. Yariv and R. Chestnut, Nucl. Phys. A **301**, 359 (1978); A. R. Bodmer, C. N. Panos and A. D. MacKellar, Phys. Rev. C **22**, 1025 (1980); A. Vicentini, G. Jacucci and V. R. Pandharipande, *ibid.*, C **31**, 1783 (1985).
- [170] J. Aichelin and H. Stöcker, Phys. Lett. B **176**, 14 (1986).
- [171] T. Maruyama, K. Niita and A. Iwamoto, Phys. Rev. C **53**, 297 (1996).
- [172] N. Wang, Z. Li and X. Wu, Phys. Rev. C **65**, 064608 (2002).
- [173] N. Wang, Z. Li and X. Wu, Phys. Rev. C **69**, 034608 (2004).
- [174] J. P. Bondorf, R. Donangelo, I. N. Mishustin, C. J. Pethick, H. Schulz and K. Sneppen, Nucl. Phys. A **443**, 321 (1985); J. P. Bondorf, A. S. Botvina, A. S. Iljinov, I. N. Mishustin and K. Sneppen, Phys. Rep. **257**, 133 (1995).
- [175] A. Ono, H. Horiuchi, Prog. Part. Nucl. Phys. **53**, 501 (2004).
- [176] H. Feldmeier, Nucl. Phys. A **515**, 147 (1990); H. Feldmeier and J. Schnack, Prog. Part. Nucl. Phys. **39**, 393 (1997).
- [177] R. K. Puri, N. Ohtsuka, E. Lehmann, A. Faessler, M. A. Matin, D. T. Khoa, G. Batko and S. W. Huang, Nucl. Phys. A **575**, 733 (1994).
- [178] A. Bohnet, J. Aichelin, J. Pochodzalla, W. Trautmann, G. Peilert, H. Stöcker and W. Greiner, Phys. Rev. C **44**, 2111 (1991).
- [179] G. Peilert, J. Konopka, M. Blann, M. G. Mustafa, H. Stocker and W. Greiner. Phys. Rev. C **46**, 1457 (1992).
- [180] E. Lehmann, R. K. Puri, A. Faessler, G. Batko and S. W. Huang, Phys. Rev. C **51**, 2113 (1995).
- [181] Z. Y. Sun *et al.*, Phys. Rev. C **82**, 051603(R) (2010).
- [182] S. A. Bass *et al.*, Prog. Part. Nucl. Phys. **41**, 255 (1998).

- [183] A. Dumitru, M. Bleicher, S. A. Bass, C. Spieles, L. Neise, H. Stöcker and W. Greiner, Phys. Rev. C **57**, 3271 (1998).
- [184] K. Abdel-Waged, Phys. Rev. C **70**, 014605 (2004).
- [185] L. V. Bravina, E. E. Zabrodin, S. A. Bass, M. Bleicher, M. Brandstetter, S. Soff, H. Stöcker and W. Greiner, Phys. Rev. C **62**, 064906 (2000).
- [186] B. A. Li and S. J. Yennello, Phys. Rev. C **52**, R1746 (1995).
- [187] B. A. Li *et al.*, Phys. Rev. Lett. **76**, 4492 (1996).
- [188] J. Jaenicke, J. Aichelin, N. Ohtsuka, R. Linden and A. Faessler, Nucl. Phys. A **536**, 201 (1992).
- [189] C. Hartnack *et al.*, Eur. Phys. J. A **1**, 151 (1998).
- [190] H. Stöcker and W. Greiner, Phys. Rep. **137**, 277 (1986).
- [191] J. W. Negele, Rev. Mod. Phys. **54**, 913 (1982); F. Sakata *et al.*, Phys. Rev. C **50**, 138 (1994); D. Lacroix and P. Chomaz, *ibid.*, C **58**, 1604 (1998); A. S. Umar and D. Oberacker, Phys. Rev. C **74**, 024606 (2006); S. S. Chandel, S. K. Dhiman, R. Shyam, *ibid.*, C **68**, 054320 (2003).
- [192] S. Ayik, D. Lacroix and P. Chomaz, Phys. Rev. C **61**, 014608 (2000).
- [193] Y. Yariv and Z. Fraenkel, Phys. Rev. C **20**, 2227 (1979); Y. Kitazoe *et al.*, *ibid.* C **29**, 828 (1984); J. Cugnon, T. Mizutani and J. Vandermeulen, Nucl. Phys. A **352**, 505 (1981).
- [194] D. Polster *et al.*, Phys. Rev. C **51**, 1167 (1995); I. A. Pshenichnov, A. S. Iljinov, Y. S. Golubeva and D. Polster, *ibid.* C **52**, 947 (1995).
- [195] J. Cugnon, Phys. Rev. C **22**, 1885 (1980).
- [196] A. Boudard *et al.*, Phys. Rev. C **66**, 044615 (2002); J. Cugnon and P. Henrotte, Eur. Phys. J. A **16**, 393 (2003).
- [197] G. F. Bertsch, H. Cruse and S. Das Gupta, Phys. Rev. C **29**, 673 (1984).
- [198] J. Aichelin *et al.*, Phys. Rev. C **37**, 2451 (1988).

- [199] G. Q. Li, D. T. Khoa, T. Maruyama, S. W. Huang, N. Ohtsuka, A. Faessler and J. Aichelin, Nucl. Phys. A **534**, 697 (1991).
- [200] L. Neise, M. Berenguer, C. Hartnack, G. Peilert, H. Stöcker and W. Greiner, Nucl. Phys. A **519**, 375c (1990); M. Berenguer, C. Hartnack, G. Peilert, H. Stocker, W. Greiner, J. Aichelin and A. Rosenhauer, J. Phys. G: Nucl. Part. Phys. **18**, 655 (1992).
- [201] D. T. Khoa, N. Ohtsuka, A. Faessler, M. A. Matin, S. W. Huang, E. Lehmann and Y. Lofty, Nucl. Phys. A **542**, 671 (1992); D. T. Khoa, N. Ohtsuka, S. W. Huang, M. Ismail, A. Faessler, M. El Shabshiry and J. Aichelin, Nucl. Phys. A **529**, 363 (1991).
- [202] J. Aichelin *et al.*, Phys. Lett. B **224**, 34 (1989).
- [203] J. Singh, *Ph. D. Thesis, Panjab University, Chandigarh, India* (2001).
- [204] G. Peilert, J. Randrup, H. Stöcker and W. Greiner, Phys. Lett. B **260**, 271 (1991).
- [205] J. J. Molitoris, J. B. Hoffer, H. Kruse and H. Stöcker, Phys. Rev. Lett. **53**, 899 (1984).
- [206] L. Wilets, Y. Yariv and R. Chestnur, Nucl. Phys. A **301**, 359 (1978).
- [207] S. M. Kiselew and Y. E. Polrowskil, Sov. J. Nucl. Phys. **38**, 46 (1983).
- [208] C. Hartnack, *Ph.D. Thesis, Universität Frankfurt, Germany*, GSI-Report 93-05 (1993).
- [209] J. Cugnon, T. Mizutani, and J. Vandermeulen, Nucl. Phys. A **352**, 505 (1981).
- [210] S. C. Jeong *et al.*, Phys. Rev. Lett. **72**, 3468 (1994); P. B. Gossiaux *et al.*, Phys. Rev. C **51**, 3357 (1995).
- [211] H. R. Schmidt and J. Schukraft, J. Phys. G: Nucl. Part. Phys. **19**, 1705 (1993).
- [212] N. Metropolis, A. W. Metropolis, M. N. Rosenbluth, A. H. Teller and E. Teller, J. Chem. Phys. **21**, 1087 (1953).
- [213] J. Konopka, H. Stöcker and W. Greiner, Nucl. Phys. A **583**, 357c (1995).

- [214] Q. Li and Z. Li, Phys. Rev. C **64**, 064612, (2001).
- [215] Z. Q. Feng, F. S. Zhang, G. M. Jin and X. Huang, Nucl. Phys. A **750**, 232 (2005);
Z. Q. Feng, G. M. Jin, F. S. Zhang, F. Fu and X. Huang, Chin. Phys. Lett. B **22**,
3040 (2005).
- [216] Q. Wu, Y. Zhang, Z. Xiao, R. Wang, Y. Zhang, Z. Li, N. Wang and R. H. Showalter,
Phys. Rev. C **91**, 014617 (2015).
- [217] H. Sorge, H. Stöcker and W. Greiner, Ann. Phys. **192**, 266 (1989).
- [218] D. G. Currie, T. F. Jordan and E. C. G. Sudarshan, Rev. Mod. Phys. **35**, 350
(1963).
- [219] K. A. Waged, Phys. Rev. C **67**, 064610 (2003); *ibid.* C **70**, 014605 (2004); *ibid.* C
71, 044607 (2005).
- [220] R. K. Puri, E. Lehmann, A. Faessler and S. W. Huang, Z. Phys. A **351**, 59 (1995).
- [221] G. F. Bertsch, H. Kruse and S. D. Gupta, Phys. Rev. C **29**, R673 (1984).
- [222] J. Aichelin and G. Bertsch. Phys. Rev. C **31**, 1730 (1985).
- [223] M. Kutschera, Phys. Lett. B **340**, 1 (1994).
- [224] S. Kubis and M. Kutschera, Acta Phys. Pol. B **30**, 2747 (1999); *ibid.* Nucl. Phys.
A **720**, 189 (2003).
- [225] B. J. VerWest and R. A. Arndt, Phys. Rev. C **25**, 1979 (1982).
- [226] C. Hartnack, J. Aichelin, H. Stocker and W. Greiner, Mod. Phys. Lett. A **9**, 1151
(1994); *ibid.*, Phys. Lett. B **336**, 131 (1994).
- [227] S. A. Bass, C. Hartnack, H. Stöcker and W. Greiner, Phys. Rev. C **51**, 3343 (1995).
- [228] L. W. Chen, F. S. Zhang and G. M. Jin, Phys. Rev. C **58**, 2283 (1998).
- [229] L. W. Chen, V. Greco, C. M. Ko and B. A. Li, Phys. Rev. Lett. **90**, 162701 (2003);
ibid., Phys. Rev. C **68**, 014605 (2003).
- [230] A. Jain (private communication).

- [231] G. Peilert, H. Stöcker, W. Griener, A. Rosenhauer, A. Bohnet and J. Aichelin, Phys. Rev. C **39**, 1402 (1989); G. Peilert *et al.*, Mod. Phys. Lett. A **3**, 459 (1988).
- [232] J. Singh, S. Kumar and R. K. Puri, Phys. Rev. C **62**, 044617 (2000); *ibid.*, C **65**, 024602 (2002).
- [233] R. K. Puri and S. Kumar, Phys. Rev. C **57**, 2744 (1998).
- [234] S. Kumar, S. Kumar and R. K. Puri, Phys. Rev. C **78**, 064602 (2008).
- [235] Y. Zhang, Z. Li, C. Zhou and M. B. Tsang, Phys. Rev. C **85**, 051602(R) (2012).
- [236] S. Kumar and R. K. Puri, Phys. Rev. C **58**, 320 (1998).
- [237] Y. K. Vermani and R. K. Puri, J. Phys. G: Nucl. Part. Phys. **36**, 105103 (2009).
- [238] C. Samanta and S. Adhikari, Phys. Rev. C **65**, 037301 (2002); *ibid.*, C **69**, 049804 (2004).
- [239] R. Kumar, S. Gautam, and R. K. Puri, Phys. Rev. C **89**, 064608 (2014)
- [240] C. Dorso and J. Randrup, Phys. Lett. B **301**, 328 (1993).
- [241] A. Le F'evre, Y. Leifels, J. Aichelin, C. Hartnack, V. Kireyev and E. Bratkovskaya, J. Phys. Conf. Ser. (2015) -(in press); arXiv:1509.06648v1[nucl-th] (2015).
- [242] S. Kaur, *Ph. D. thesis, Panjab University, Chandigarh* (2016).
- [243] Y. G. Ma and W. Q. Shen, Phys. Rev. C **51**, 710 (1995).
- [244] Y. K. Vermani and R. K. Puri, Eur. Phys. Lett. **85**, 62001 (2009).
- [245] M. D'Agostino *et al.*, Phys. Rev. Lett. **75**, 4373 (1995).
- [246] M. Jandel *et al.*, Phys. Rev. C **74**, 054608 (2006).
- [247] V. Kaur and S. Kumar, Phys. Rev. C **81**, 064610 (2010).
- [248] T. Rubehn *et al.*, Phys. Rev. C **53**, 993 (1996).
- [249] R. Donangelo and S. R. Souza, Phys. Rev. C **52**, 326 (1995).
- [250] L. Zhuxia, C. Hartnack, H. Stöcker and W. Greiner, Phys. Rev. C **44**, 824 (1991).

- [251] http://www-fopi.gsi.de/pub/phd/hartmann_phd_03.pdf.
- [252] A. Gobbi *et al.*, Nucl. Inst. Meth. Phys. Res. Sect. A **324**, 156 (1993).
- [253] J. Ritman, FOPI collaboration Nucl. Phys. B (Proc. Suppl.) **44**, 708 (1995).
- [254] M. S. Ryu, *Ph. D. thesis, Korea University* (2009).
- [255] J. Pouthas *et al.*, Nucl. Inst. Meth. Phys. Res. Sect. A **357**, 418 (1995).
- [256] N. Marie, *PhD thesis, University of Caen, France* (1995).
- [257] see <http://www-aladin.gsi.de>.
- [258] M. B. Tsang, P. Danielewicz, W. C. Hsi, M. Huang, W. G. Lynch, D. R. Bowman, C. K. Gelbke, M. A. Lisa and G. F. Peaslee, Phys. Rev. C **53**, 1959 (1996).
- [259] G. J. Kunde *et al.*, Phys. Rev. Lett. **74**, 38 (1995).
- [260] T. Rubehn, W. F. J. Müller and W. Trautmann, Phys. Rev. C **56**, 1165 (1997).
- [261] T. Odeh *et al.*, Phys. Rev. Lett. **84**, 4557 (2000).
- [262] C. Sfienti *et al.*, *Proceedings of the XLI International Winter Meeting on Nuclear Physics, Bormio, Italy, 2003, Ed. I. Iori, A. Moroni, Ricerca Scientifica ed Educazione Permanente Suppl.* **120**, 323 (2003).
- [263] C. Sfienti *et al.*, Acta Phys. Polo. B **37**, 193 (2006).
- [264] G. D. Westfall *et al.*, Nucl. Instrum. Methods A **238**, 347 (1985).
- [265] H. W. Barz *et al.*, Nucl. Phys. A **548**, 427 (1992).
- [266] M. D'Agostino, Nucl. Phys. A **724**, 455 (2003).
- [267] C. Li *et al.*, Chin. Phys. C **37**, 114101 (2013).
- [268] C. Li, J. Tian, L. Ou and N. Wang, Phys. Rev. C **87**, 066615 (2013).
- [269] G. D. Westfall *et al.*, Phys. Rev. Lett. **71**, 1986 (1993).
- [270] M. J. Huang *et al.*, Phys. Rev. Lett. **77**, 3739 (1996).

- [271] D. Klakow *et al.*, Phys. Rev. C **48**, 1982 (1993).
- [272] D. J. Magestro *et al.*, Phys. Rev. C **61**, 021602(R) (2000).
- [273] R. Bansal, S. Gautam and R. K. Puri, J. Phys. G: Nucl. Part. Phys. **41**, 035103 (2014).
- [274] J. Peter, Nucl. Phys. A **545**, 173c (1992).
- [275] A. Andronic *et al.*, Phys. Rev. C **67**, 034907 (2003).
- [276] R. Bansal, S. Gautam, R. K. Puri and J. Aichelin, Eur. Phys. J. A **51**, 2 (2015).
- [277] J. Su, F. Zhang and B. Bian, Phys. Rev. C **83**, 014608 (2011); J. X. Cheng *et al.*, J. Phys. G: Nucl. Part. Phys. **39**, 055104 (2012).
- [278] L. Mao, N. Wang and L. Ou, Phys. Rev. C **91**, 044604 (2015).
- [279] S. Kumar and Y. G. Ma, Phys. Rev. C **86**, 051601(R) (2012).
- [280] Sangeeta, A. Jain and S. Kumar, Nucl. Phys. A **927**, 220 (2014).
- [281] T. Maruyama, A. Ono, A. Ohnishi and H. Horiuchi, Prog. Theor. Phys. **87**, 1367 (1992).
- [282] F. Pühlhofer, Nucl. Phys. A **280**, 267 (1977).
- [283] K. S. Vinayak and S. Kumar, J. Phys. Conf. Series **381**, 012032 (2012).
- [284] S. Gautam, A. D. Sood, R. K. Puri and J. Aichelin, Phys. Rev. C **83**, 034606 (2011); S. Gautam, R. Kumari and R. K. Puri, *ibid.*, C **86**, 034607 (2012).
- [285] J. Singh, S. Kumar and R. K. Puri, Phys. Rev. C **63** (2001) 054603.
- [286] Y. K. Vermani *et al.*, J. Phys. G: Nucl. Part. Phys. **37**, 015105 (2010).
- [287] S. D. Gupta and J. Pan, Phys. Rev. C **53**, 1319 (1996).
- [288] N. Le Neindre *et al.*, Nucl. Phys. A **795**, 47 (2007).
- [289] N. T. Porile *et al.*, Phys. Rev. C **39**, 1914 (1989).
- [290] R. K. Puri, C. Hartnack and J. Aichelin, Phys. Rev. C **54**, R28 (1996).

- [291] S. Kaur, R. K. Puri, Phys. Rev. C **89**, 057603 (2014); *ibid.*, C **90**, 037602 (2014).
- [292] P. Bansal, S. Gautam and R. K. Puri, Eur. Phys. J. A **51**,139 (2015).
- [293] J. P. Jeukenne, A. Lejeune and C. Mahaux, Phys. Rep. **25**, 83 (1976).
- [294] S. Hama, B. C. Clark, E. D. Cooper, H. S. Sherif and R. L. Mercer, Phys. Rev. C **41**, 2737 (1990).
- [295] J. Aichelin, A. Rosenhauer, G. Peilert, H. Stöcker and W. Greiner, Phys. Rev. Lett. **58**, 1926 (1987).
- [296] J. Singh, S. Kumar and R. K. Puri, Phys. Rev. C **63**, 054603 (2001).
- [297] C. Gale, G. M. Welke, M. Prakash, S. J. Lee and S. Das Gupta, Phys. Rev. C **41**, 1545 (1990).
- [298] G. M. Welke, M. Prakash, T. T. S. Kuo, S. Das Gupta and C. Gale, Phys. Rev. C **38**, 2101 (1988).
- [299] J. Y. Liu, W. J. Guo, Y. Z. Xing, W. Zou and X. G. Lee, Phys. Rev. C **67**, 024608 (2003).
- [300] Q. Pan, P. Danielewicz, Phys. Rev. Lett. **70**, 2062 (1993).
- [301] S. K. Chragi and S. K. Gupta, Phys. Rev. C **41**, 1610 (1990); G. Alkhozov *et al.*, Nucl. Phys. A **280**, 365 (1977).
- [302] J. Y. Liu *et al.*, Phys. Rev. C **70**, 034610 (2004); J. Y. Liu *et al.*, Chin. Phys. Lett. **21**, 1914 (2004).
- [303] H. Zhou, Z. Li and Y. Zhuo, Phys. Rev. C **50**, R2664 (1994).
- [304] H. Zhou, Z. Li and Y. Zhuo, Phys. Lett. B **318**, 19 (1993)
- [305] D. J. Magestro *et al.*, Phys. Rev. C **62**, 041603 (2000).
- [306] J. Lukasik *et al.*, Phys. Lett. B **608**, 223 (2005).
- [307] M. Kaur, V. Kaur and S. Kumar, Phys. Rev. C **88**, 054620 (2013).
- [308] W. Reisdorf *et al.*, Nucl. Phys. A **876**, 1 (2012).

- [309] G. Q. Li, C. M. Ko, Phys. Lett. B **349**, 405 (1995).
- [310] G. Q. Li and C. M. Ko, Phys. Lett. B **349**, 405 (1995).
- [311] C. Hartnack, H. Oeschler and J. Aichelin, Phys. Rev. Lett. **96**, 012302 (2006).
- [312] G. D. Westfall, Nucl. Phys. A **681**, 343 (2001).
- [313] Y. K. Vermani and R. K. Puri, Nucl. Phys. A **681**, 343 (2001).
- [314] S. Hudan *et al.*, Phys. Rev. C **67**, 064613 (2003).
- [315] Frankland *et al.*, arXiv:nucl-ex/0202026.
- [316] S. Mallik, G. Chaudhuri and S. Das Gupta, Phys. Rev. C **91**, 044614 (2003).
- [317] W. G. Lynch, G. Verde and H. S. Xu, Phys. Rev. Lett. **86**, 5023 (2001).
- [318] B. A. Li, L. W. Chen, G. C. Yong and W. Zuo, Phys. Lett. B **634**, 378 (2006) .
- [319] S. Kumar, Y. G. Ma, G. Q. Zhang and C. L. Zhou, Phys. Rev. C **84**, 044620 (2011)
.
- [320] M. A. Famiano *et al.*, Phys. Rev. Lett. **97**, 052701 (2006).
- [321] Z. Kohley *et al.*, Phys. Rev. C **82**, 064601 (2010); V. Giordano *et al.*, *ibid.*, C **81**
044611 (2010); M. D. Cozma, Phys. Lett. B **700**, 139 (2011).
- [322] B. A. Li and C. M. Ko, Nucl. Phys. A **618**, 498 (1997); V. Baran *et al.*, *ibid.* A
632, 287 (1999).
- [323] C. W. Ma *et al.*, Phys. Rev. C **83**, 064620 (2011).
- [324] G. C. Yong *et al.*, Phys. Lett. B **650**, 344 (2007).
- [325] Y. G. Ma *et al.*, Phys. Rev. C **85**, 024618 (2012); G. C. Yong *et al.*, Phys. Lett. B
661, 82 (2008).
- [326] Q. Li *et al.*, J. Phys. G: Nucl. Part. Phys. **31**, 1359 (2005).
- [327] B. A. Li, Phys. Rev. Lett. **88**, 192701 (2002).

- [328] G. C. Yong *et al.*, Phys. Rev. C **80**, 044608 (2009); Y. Wang *et al.*, Eur. Phys. J. A **51**, 37 (2015).
- [329] G. Ferini, Phys. Rev. Lett. **97**, 202301 (2006).
- [330] G. C. Yong *et al.*, Phys. Lett. B **723**, 388 (2013).
- [331] Z. Feng and G. M. Jin, Phys. Lett. B **683**, 140 (2010).
- [332] D. V. Shetty *et al.*, Phys. Rev. C **70**, 011601 (2004).
- [333] M. B. Tsang *et al.*, Phys. Rev. Lett. **102**, 122701 (2009).
- [334] Z. Xiao *et al.*, Phys. Rev. Lett. **102**, 062502 (2009).
- [335] L. W. Chen, C. M. Ko and B. A. Li, Phys. Rev. C **72**, 064309 (2005); A. W. Steiner and B. A. Li, Phys. Rev. C **72**, 041601(R) (2005).
- [336] D. H. Youngblood, H. L. Clark and Y. W. Lui, Phys. Rev. Lett. **82**, 691 (1999)
- [337] C. Xu, B. A. Li and L. W. Chen, Phys. Rev. C **82**, 054607 (2010).
- [338] C. J. Horowitz and J. Piekarewicz, Phys. Rev. C **66**, 055803 (2002).
- [339] J. M. Lattimer *et al.*, J. Astrophys. **425**, 802 (1994).
- [340] J. R. Stone *et al.*, Phys. Rev. C **68**, 034324 (2003).
- [341] R. B. Wiringa, V. Fiks and A. Fabrocini, Phys. Rev. C **38**, 1010 (1988).
- [342] B. Liu *et al.*, Phys. Rev. C **65**, 045201 (2002).
- [343] N. Kaiser, S. Fritsch, and W. Weise, Nucl. Phys. A **697**, 255 (2002).
- [344] B. A. Li, C. M. Ko and Z. Ren, Phys. Rev. Lett. **78**, 1644 (1997).
- [345] G. Cardella *et al.*, Phys. Rev. C **85**, 064609 (2012).
- [346] Z. Kohley *et al.*, Phys. Rev. C **85**, 064605 (2012).
- [347] M. Di Toro *et al.*, Nucl. Phys. A **782**, 267c (2007).
- [348] W. Reisdorf *et al.*, Nucl. Phys. A **781**, 459 (2007).

- [349] G. C Yong, Phys. Rev. C **84**, 014607 (2011).
- [350] S. Kumar, Y. G. Ma, G. Q. Zhang and C. L. Zhuo, Phys. Rev. C **85**, 024620 (2012).
- [351] B. A. Li, Phys. Rev. Lett. **85**, 4221 (2000).
- [352] G. C. Yong, B. A. Li and L. W. Chen, Phys. Rev. C **74**, 064617 (2006).
- [353] M. Kaur and S. Gautam, J. Phys. G: Nucl. Part. Phys. **43**, 025103 (2016).
- [354] A. D. Sood and R. K. Puri, Phys. Rev. C **68**, 054632 (2004); A. D. Sood, R. K. Puri and J. Aichelin, Phys. Lett. B **594**, 260 (2004).
- [355] H. M. Xu, Phys. Rev. Lett. **67**, 2769 (1991); *ibid.*, Phys. Rev. C **46**, 389(R) (1992).
- [356] S. Kumar, R. K. Puri and J. Aichelin, Phys. Rev. C **58**, 1618 (1998).
- [357] B. A. Li, Phys. Rev. C **48**, 2415 (1993)
- [358] G. Mao, Z. Li, Y. Zhuo, Y. Han and Z. Yu, Phys. Rev. C **49**, 3137 (1994); Q. Li, Z. Li, and G. Mao, *ibid.* C **62**, 014606 (2000).
- [359] G. F. Bertsch, W. G. Lynch and M. B. Tsang, Phys. Lett. B **189**, 384 (1987).
- [360] N. Ohtsuka, R. Linden, A. Faessler, and F. B. Malik, Nucl. Phys. A **465**, 550 (1987).
- [361] S. Kaur and R. K. Puri, Phys. Rev. C **90**, 037602 (2014).
- [362] J. Y. Liu *et al.*, Phys. Rev. Lett. **86**, 975 (2001).
- [363] B. A. Li, Phys. Rev. C **69**, 034614 (2004).
- [364] Q. Wu *et al.*, Phys. Rev. C **91**, 014617 (2015).
- [365] J. Singh and R. K. Puri, Phys. Rev. C **65**, 024602 (2002).
- [366] F. Sammarruca, Eur. Phys. J. A **50**, 22 (2014); S. Goyal and R. K. Puri, Phys. Rev. C **83**, 047601 (2011).
- [367] J. Y. Liu *et al.*, Phys. Lett. B **617**, 24 (2005).

- [368] A. Sharma and A. Bharti, Eur. Phys. J. A **52**, 42 (2016).
- [369] Rajni and S. Kumar, Eur. Phys. J. A **48**, 19 (2012).
- [370] C. Li *et al.*, Phys. Rev. C **87**, 064615 (2013).
- [371] J. Aichelin and E. A. Remler, Phys. Rev. C **35**, 1291 (1987).
- [372] Z. Fang *et al.*, Chin. Phys. Lett. **29**, 052501 (2012).