

List of Publications

I] International Journals:

1. Quasi-elastic scattering and transfer angular distribution for $^{10,11}\text{B}+^{232}\text{Th}$ systems at near-barrier energies;
Shradha Dubey, D. C. Biswas, S. Mukherjee, *et al.* Phys. Rev. **C 94**, 064610, (2016).
2. Effect of breakup processes on the near-barrier elastic scattering of the $^{6,7}\text{Li} + ^{232}\text{Th}$ systems;
Shradha Dubey, S. Mukherjee, D. C. Biswas, B. K. Nayak *et al.* Phys. Rev. **C 89**, 014610, (2014).

II] International Conferences/Symposium:

1. Energy dependence of optical potential in the near barrier elastic scattering of ^{11}B from ^{232}Th ; Shradha Dubey, S. Mukherjee, D. Patel, Y. K. Gupta *et al.*, EPJ Web of conferences **86**, 00008, (2015).
2. Influence of breakup process in reaction cross section for weakly bound projectiles in $^{6,7}\text{Li} + ^{232}\text{Th}$ reactions; Shradha Dubey, D.C. Biswas, S. Mukherjee, D. Patel, B.K. Nayak, Y.K. Gupta, G.K. Prajapati, V.V. Desai, B.N. Joshi, L.S. Danu, S. Mukhopadhyay, B.V. John, R.P. Vind, *Proceedings of the DAE Symp. on Nucl. Phys.* **58**, 502, (2013).
3. Cluster Structure of $^{24}\text{Mg}^{g.s.}$ from $^{24}\text{Mg}(^{16}\text{O}, ^{216}\text{O})^8\text{Be}$ Knockout Reaction, B.N. Joshi, Arun K. Jain, D.C. Biswas, Y.K. Gupta, L.S. Danu, R.P. Vind, S. Mukhopadhyay, G.K. Prajapati, B.V. John, V.V. Desai, Shradha Dubey, *Proceedings of the DAE Symp. on Nucl. Phys.* **58**, 494, (2013).
4. Threshold anomaly in the $^{6,7}\text{Li} + ^{232}\text{Th}$, Shradha Dubey, S. Mukherjee, D. Patel, Y.K. Gupta, G.K. Prajapati, S.V. Suryanarayana, L.S. Danu, V.V. Desai,

B.N. Joshi, R.P. Vind, S. Mukhopadhyay, B.V. John, B.K. Nayak, D.C. Biswas, *Proceedings of the DAE Symp. on Nucl. Phys.* **58**, 506, (2013).

5. Nuclear level density parameter in the Z 52 and Z 82 shell regions, G.K. Prajapati; B.V. John, Y.K. Gupta, L.S. Danu, B.N. Joshi, R.P. Vind, S. Mukhopadhyay, **Shradha Dubey**, V.V. Desai, D.C. Biswas, *Proceedings of the DAE Symp. on Nucl. Phys.* **58**, (2013).

III] National Conferences/Symposium:

1. Study of Transfer angular distribution of $^{10,11}\text{B} + ^{232}\text{Th}$ systems; **Shradha Dubey**, D.C.Biswas, S. Mukherjee, D. Patel, Y.K. Gupta, G. Prajapati, B. N. Joshi, L.S. Danu, S.Mukhopadhyay, B.V. John, S. V. Suryanarayana and R. P. Vind, *Proceedings of the DAE Symp. on Nucl. Phys.* **61**, 372, (2016).
2. Examining the transfer-breakup source of α - particle emission in $^{13}\text{C} + ^{232}\text{Th}$ fission; Y. K. Gupta, D. C. Biswas, L. S. Danu, G. K. Prajapati, B. N. Joshi, S.Mukhopadhyay, B. V. John, **Shradha Dubey**, R. P. Vind, and S. Mukherjee *Proceedings of the DAE Symp. on Nucl. Phys.* **61**, 346, (2016).
3. Mass distribution in $^{238}\text{U}(^{12}\text{C}, f)$ reaction; L. S. Danu, D. C. Biswas, S. Mukhopadhyay, Y. K. Gupta, B. N. Joshi, G. Prajapati, **Shradha Dubey** B. V. John, R. P. Vind, A. Goswami, P. K. Joshi, S. K. Tandel, R. Palit, S. Saha, J. Sethi, S. Biswas, D. Choudhury, P. Singh, R. G. Pillay, and V. Nanal, *Proceedings of the DAE Symp. on Nucl. Phys.* **61**, 356, (2016).
4. Fission fragment mass distribution studies in $^{28}\text{Si} + ^{197}\text{Au}$ reaction; N. Kumar, B. N. Joshi, R. P. Vind, G. K. Prajapati, L. S. Danu, Y. K. Gupta, S. Mukhopadhyay, R. G. Thomas, **Shradha Dubey**, K. Mahata, B. V. John and D. C. Biswas, *Proceedings of the DAE Symp. on Nucl. Phys.* **60**, 376, (2016).
5. Investigation of nuclear level density parameter; G. K. Prajapati, B. V. John,

- Y.K. Gupta, L. S. Danu, B. N. Joshi, R. P. Vind, S. Mukhopadhyay, **Shradha Dubey**, and D.C.Biswas, *Proceedings of the DAE Symp. on Nucl. Phys.* **61**, 331, (2016).
6. Study of Threshold anomaly for $^{10,11}\text{B} + ^{232}\text{Th}$ systems; **Shradha Dubey**, D.C.Biswas, S. Mukherjee, D. Patel, Y.K. Gupta, G. Prajapati, B.N. Joshi, L.S. Danu, S. Mukhopadhyay, B.V. John, S. V. Suryanarayana, *Proceedings of the DAE Symp. on Nucl. Phys.* **60**, 380, (2015).
 7. Fission fragment mass distribution studies for $^{28}\text{Si} + ^{197}\text{Au}$, ^{209}Bi , ^{235}U reactions; Nishant Kumar, B.N. Joshi, R.P. Vind, G.K. Prajapati, **Shradha Dubey** *et al.* *Proceedings of the DAE Symp. on Nucl. Phys.* **60**, 378, (2015).
 8. Characterization of a $\Delta E_{\text{gas}}\text{-}E_{\text{Si-Pad}}$ hybrid detector telescope for fission fragments; R.P. Vind, Nishant Kumar, R.V. Jangale, Omeshwari Bisen, Abhilasha Singh, **Shradha Dubey**, *et al.* *Proceedings of the DAE Symp. on Nucl. Phys.* **60**, 1060, (2015).
 9. Multi-nucleon transfer and fission cross sections for $^{28}\text{Si} + ^{197}\text{Au}$, ^{209}Bi and ^{232}Th reactions at 179 MeV; D.C. Biswas, Nishant Kumar, **Shradha Dubey**, *et al.* *Proceedings of the DAE Symp. on Nucl. Phys.* **60**, 568, (2015).
 10. Elastic scattering angular distribution in $^{10}\text{B} + ^{232}\text{Th}$ reaction; **Shradha Dubey**, D.C.Biswas, S. Mukherjee, D. Patel, Y.K. Gupta, G. Prajapati, B.N. Joshi, L.S. Danu, S. Mukhopadhyay, B.V. John, B.K. Nayak *Proceedings of the DAE Symp. on Nucl. Phys.* **59**, 598, (2014).
 11. Effect of projectile structure on the fusion-fission cross section for $^{10,11}\text{B} + ^{232}\text{Th}$ systems; **Shradha Dubey** *et al.* (Abstract in Fission-75 Conference).
 12. Elastic scattering angular distribution in the $^7\text{Li} + ^{232}\text{Th}$ reaction **Shradha Dubey**, S. Mukherjee, D. Patel, N.N. Deshmukh, S. Appannababu, P. Prajapati, Y.K. Gupta, G. Prajapati, V.V. Desai, B.N. Joshi, L.S. Danu, S. Mukhopadhyay, B.V. John,

B.K. Nayak, D.C.Biswas, *Proceedings of the DAE Symp. on Nucl. Phys.***57**, 552, (2012).