

# Publications

Peter Braun-Munzinger

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1. Investigation of ( $^3\text{He}, ^3\text{He}$ )- and ( $^3\text{He}, t$ )- Reactions on  $^{10}\text{B}$ ,  $^{11}\text{B}$ , and  $^{13}\text{C}$ , F. Nüsslin and P. Braun-Munzinger, *Z. Physik*, **240**(1970)217
2. Excitation of Rotational Bands in  $^{40}\text{Ca}$  Observed in the Reaction  $^{36}\text{Ar} (^{16}\text{O}, ^{12}\text{C})$  P. Braun-Munzinger, C.K. Gelbke, N. Grama, H. Homeyer, E. Ridinger and R. Stock, *Phys. Rev. Letters* **29**(1972)1261
3. Elastic Scattering of  $^{16}\text{O}$  and  $^{18}\text{O}$  Including Backward Angles, C.K. Gelbke, R. Bock, P. Braun-Munzinger, D. Fick, K.D. Hildenbrand, A. Richter and W. Weiss, *Phys. Rev. Letters* **29**(1972)1683
4. Elastic Neutron Transfer in the Scattering of  $^{28}\text{Si}$  on  $^{29}\text{Si}$ , K.D. Hildenbrand, R. Bock, H.G. Bohlen, P. Braun-Munzinger, D. Fick, C.K. Gelbke, W. v Oertzen and W. Weiss, *Phys. Letters* **42B**(1972)425
5. Angular Momentum Transfer in Nucleon Exchange Scattering of Heavy Ions, C.K. Gelbke, R. Bock, P. Braun-Munzinger, D. Fick, K.D. Hildenbrand, W. Weiss and S. Wenneis, *Phys. Letters* **43B**(1973)284
6. Strongly Oscillating Angular Distributions in the Reaction  $^{32}\text{S} (^{16}\text{O}, ^{12}\text{C})^{36}\text{Ar}$  at  $E_{cm.}=30$  MeV, P. Braun-Munzinger, C.K. Gelbke, G. Baur, R. Bock. W. Grochulski, H.L. Harney and R. Stock, *Physical Review Letters* **31** (1973) 1423
7. Response of NE111 Scintillator Foil to Transient  $^{16}\text{O}$  Ions, C.K. Gelbke and P. Braun-Munzinger, *Nucl. Instr. Meth.* **114**(1974)141
8. Interference Between Inelastic Scattering and Transfer in the Scattering of  $^{16}\text{O}$  on  $^{17}\text{O}$ , C. K. Gelbke, G. Baur, R. Bock, P. Braun-Munzinger, W. Grochulski, H.L. Harney and R. Stock, *Nucl. Phys.* **A219**(1974)253
9. Elastic Transfer of a  $1p_{3/2}$  Hole in the Scattering of  $^{12}\text{C}$  on  $^{11}\text{B}$ , W. Bohne, P. Braun-Munzinger, C.K. Gelbke, W. Grochulski, H.L. Harney and H. Oeschler, *Nucl. Phys* **A222**(1974)117
10. An Approximate Treatment of Recoil Effects in Heavy Ion Transfer Reactions, P. Braun-Munzinger and H.L. Harney, *Nucl. Phys.* **A223**(1974)381
11. On the Semiclassical Interpretation of Heavy Ion Reactions, H.L. Harney, P. Braun-Munzinger, C.K. Gelbke, *Z. Physik* **269**(1974)339

12. Brunhild—A Distorted Wave Born Approximation Code for Heavy Ion Transfer Reactions, S. Wenneis, P. Braun-Munzinger, H.L. Harney, Report MPI H-1974-V19; MPI für Kernphysik, Heidelberg, 1974, unpublished
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