

Samples of Research Contributions

1. M.C. Fujiwara, A. Adamczak, J.M. Bailey, G.A. Beer, J.L. Beveridge, M.P. Faifman, T.M. Huber, P. Kammel, S.K. Kim, P.E. Knowles, A.R. Kunselman, M. Maier, V.E. Markushin, G.M. Marshall, C.J. Martoff, G.R. Mason, F. Mulhauser, A. Olin, C. Petitjean, T.A. Porcelli, J. Woźniak, and J. Zmeskal, **Resonant formation of $d\mu t$ molecules in deuterium: An atomic beam measurement of muon catalyzed dt fusion**, Phys. Rev. Lett. **85** (2000) 1642-1645.
[TRI-PP-00-24, <http://www.triumf.ca/publications/pub/arch00/pp-00-24.ps>]
[<http://arXiv.org/abs/nucl-ex/0008002>]
See also Physical Review Focus article at <http://focus.aps.org/v6/st7.html> and New Scientist article at <http://www.newscientist.com/news/news.jsp?id=ns225443>.
2. T.A. Porcelli, A. Adamczak, J.M. Bailey, G.A. Beer, J.L. Beveridge, M.P. Faifman, M.C. Fujiwara, T.M. Huber, P. Kammel, S.K. Kim, P.E. Knowles, A.R. Kunselman, M. Maier, V.E. Markushin, G.M. Marshall, C.J. Martoff, G.R. Mason, F. Mulhauser, A. Olin, C. Petitjean, J. Woźniak, and J. Zmeskal, **Measurement of the resonant $d\mu t$ molecular formation rate in solid HD**, Phys. Rev. Lett. **86** (2001) 3763-3766.
[TRI-PP-01-01, <http://www.triumf.ca/publications/pub/arch01/pp-01-01.ps>]
[<http://arXiv.org/abs/physics/0104010>]
3. T. Numao, J.A. Macdonald, G.M. Marshall, A. Olin, and M.C. Fujiwara, **A new π^+ lifetime measurement**, Phys. Rev. D **52** (1995) 4855-4859. [TRI-PP-95-17]
4. N.L. Rodning, W. Andersson, Y. Davydov, P. Depommier, J. Doornbos, W. Faszer, C.A. Gagliardi, A. Gaponenko, D.R. Gill, P.W. Green, P. Gumplinger, J.C. Hardy, M. Hasinoff, R. Helmer, R. Henderson, P. Kitching, D.D. Koetke, E. Korkmaz, A. Khruchinsky, D. Maas, J.A. Macdonald, R. MacDonald, R. Manweiler, G. Marshall, T. Mathie, J.R. MUsser, P. Nord, A. Olin, R. Openshaw, D. Ottewell, T. Porcelli, J.-M. Poutissou, R. Poutissou, G. Price, M. Quraan, J. Schaapman, V. Selivanov, G. Sheffer, B. Shin, F. Sobratee, J. Soukup, T.D.S. Stanislaus, G. Stinson, R. Tacik, V. Torokhov, R.E. Tribble, M.A. Vasiliev, H.-C. Walter, S.-C. Wang, and D. Wright, **\mathcal{TWIST} – The TRIUMF Weak Interaction Symmetry Test – The Michel Parameters from μ^+ decay**, Nucl. Phys. B (Proc. Suppl.) **98** (2001) 247-254.