Abstract Submitted for the APR05 Meeting of The American Physical Society

 ω_c Studies VERONIQUE ZIEGLER, University of Iowa, BABAR COLLABORATION — We report on studies of the Ω_c^0 charm baryon using 220 fb^{-1} of data collected by the BaBar experiment. The decay of Ω_c^0 into several hadronic final states, involving an Ω^- or a Ξ^- hyperon is analyzed. The invariant mass spectrum of selected events in data is presented for each of the decay modes considered.

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Date submitted: 07 Jan 2005 Electronic form version 1.4