

## Section J: Special Information and Supplementary Documentation

### I. BNL E852 COLLABORATION.

G.S. Adams, T. Adams, Z. Bar-Yam, J.M. Bishop, V.A. Bodyagin, D.S. Brown, N.M. Cason, S.U. Chung, J.P. Cummings, K. Danyo, A.I. Demianov, S. Denisov, V. Dorofeev, J.P. Dowd, P. Eugenio, X.L. Fan, A.M. Gribushin, R.W. Hackenburg, M. Hayek, J. Hu, E.I. Ivanov, D. Joffe, I. Kachaev, W. Kern, E. King, O.L. Kodolova, V.L. Korotkikh, M.A. Kostin, J. Kuhn, V. Lipaev, J.M. Losecco, M. Lu, J.J. Manak, J. Napolitano, M. Nozar, C. Olchanski, A.I. Ostrovidov, T.K. Pedlar, A. Popov, D. Ryabchikov, A.H. Sanjari, L.I. Sarycheva, K.K. Seth, N. Shenhav, X. Shen, W.D. Shephard, N.B. Sinev, D.L. Stienike, S.A. Taegar, D.R. Thompson, A. Tomaradze, I.N. Vardanyan, D.P. Weygand, D. White, H.J. Willutzki, A.A. Yershov

### II. CLEOC COLLABORATION.

D. Cronin-Hennessy, C. S. Park, W. Park, J. B. Thayer, E. H. Thorndike, T. E. Coan, Y. S. Gao, F. Liu, R. Stroynowski, M. Artuso, C. Boulahouache, S. Blusk, E. Dambasuren, O. Dorjkhaidav, R. Mountain, H. Muramatsu, R. Nandakumar, T. Skwarnicki, S. Stone, J.C. Wang, A. H. Mahmood, S. E. Csorna, G. Bonvicini, D. Cinabro, M. Dubrovin, A. Bornheim, E. Lipeles, S. P. Pappas, A. Shapiro, W. M. Sun, A. J. Weinstein, R. A. Briere, G. P. Chen, T. Ferguson, G. Tatishvili, H. Vogel, M. E. Watkins, N. E. Adam, J. P. Alexander, K. Berkelman, V. Boisvert, D. G. Cassel, J. E. Duboscq, K. M. Ecklund, R. Ehrlich, R. S. Galik, L. Gibbons, B. Gittelman, S. W. Gray, D. L. Hartill, B. K. Heltsley, L. Hsu, C. D. Jones, J. Kandaswamy, D. L. Kreinick, V. E. Kuznetsov, A. Magerkurth, H. Mahlke-Kruger, T. O. Meyer, N. B. Mistry, J. R. Patterson, T. K. Pedlar, D. Peterson, J. Pivarski, S. J. Richichi, D. Riley, A. J. Sadoff, H. Schwarthoff, M. R. Shepherd, J. G. Thayer, D. Urner, T. Wilksen, A. Warburton, M. Weinberger, S. B. Athar, P. Avery, L. Brevina-Newell, V. Potlia, H. Stoeck, J. Yelton, B. I. Eisenstein, G. D. Gollin, I. Karliner, N. Lowrey, C. Plager, C. Sedlack, M. Selen, J. J. Thaler, J. Williams, K. W. Edwards, D. Besson, K. Y. Gao, D. T. Gong, Y. Kubota, S. Z. Li, R. Poling, A. W. Scott, A. Smith, C. J. Stepaniak, J. Urheim, Z. Metreveli, K. K. Seth, A. Tomaradze, P. Zweber, J. Ernst, K. Arms, E. Eckhart, K. K. Gan, C. Gwon, H. Severini, P. Skubic, S. A. Dytman, J. A. Mueller, S. Nam, V. Savinov, G. S. Huang, D. H. Miller, V. Pavlunin, B. Sanghi, E. I. Shibata, I. P. J. Shipsey, I. Danko

### III. ADAMS' PUBLICATIONS SINCE JAN. 2004

1. Exotic meson production in the  $f_1(1285)\pi^-$  system observed in the reaction  $\pi^- p \rightarrow \eta\pi^+\pi^-\pi^- p$  at 18 GeV/c  
J. Kuhn *et al.*[E852 Collaboration], Physics Letters B **595**, 109 (2004), hep-ex/0401004
2. Observation of  $\eta'_c$  Production in  $\gamma\gamma$  Fusion at CLEO  
D. Asner *et al.*, Physical Review Letters **92**, 142001 (2004), hep-ex/0312058
3. Observation of the Hadronic Transitions  $\chi_{b1,2}(2P) \rightarrow \omega\Upsilon(1S)$   
D. Cronin-Hennessy *et al.*, Physical Review Letters **92**, 222002 (2004), hep-ex/0311043
4. Wess-Zumino Current and the Structure of the Decay  $\tau \rightarrow K^- K^+ \pi^- \nu_\tau$   
T.E. Coan *et al.*, Physical Review Letters **92**, 232001 (2004), hep-ex/0401005
5. First Observation and Dalitz Analysis of the  $D^0 \rightarrow K_S^0 \eta \pi^0$  Decay  
P. Rubin *et al.*, Physical Review Letters **93**, 111801 (2004), hep-ex/0405011
6. Search for the Lepton-Flavor-Violating Leptonic  $B$  Decays  $B^0 \rightarrow \mu^\pm \tau^\mp$  and  $B^0 \rightarrow e^\pm \tau^\mp$   
A. Bornheim *et al.*, Physical Review Letters **93**, 241802 (2004)
7. Measurement of the Decay Rate of  $\Xi_c^0 \rightarrow p K^- K^- \pi^+$  Relative to  $\Xi_c^0 \rightarrow \Xi^- \pi^+$   
I. Danko *et al.*, Physical Review D **69**, 052004 (2004), hep-ex/0309020
8. Cabibbo-Suppressed Decays of  $D^+ \rightarrow \pi^+ \pi^0, K^+ \bar{K}^0, K^+ \pi^0$   
K. Arms *et al.*, Physical Review D **69**, 071102(R) (2004), hep-ex/0309065
9. First Observation of a  $\Upsilon(1D)$  State  
G. Bonvicini *et al.*, Physical Review D **70**, 032001 (2004), hep-ex/0404021
10. Moments of the  $B$  Meson Inclusive Semileptonic Decay Rate using Neutrino Reconstruction  
S.E. Csorna *et al.*, Physical Review D **70**, 032002 (2004), hep-ex/0403052
11. Measurement of the  $B$ -Meson Inclusive Semileptonic Branching Fraction and Electron-Energy Moments  
A.H. Mahmood *et al.*, Physical Review D **70**, 032003 (2004), hep-ex/0403053
12. New Measurements of  $\Upsilon(1S)$  Decays to Charmonium Final States  
R.A. Briere *et al.*, Physical Review D **70**, 072001 (2004), hep-ex/0407030

13. Search for  $CP$  Violation in  $D^0 \rightarrow K_S^0 \pi^+ \pi^-$   
D. Asner *et al.*, Physical Review D **70**, 091101(R) (2004), hep-ex/0311033
14. Charm Meson Spectra in  $e^+e^-$  Annihilation at 10.5 GeV C.M.E.  
M. Artuso *et al.*, Physical Review D **70**, 112001 (2004), hep-ex/0402040
15. Photon Transitions in  $\psi(2S)$  Decays to  $\chi_{cJ}(1P)$  and  $\eta_c(1S)$   
S.B. Athar *et al.*, Physical Review D **70**, 112002 (2004), hep-ex/0408133
16. Measuring  $\mathcal{B}(D^+ \rightarrow \mu^+ \nu)$  and the Pseudoscalar Decay Constant  $f_{D^+}$   
G. Bonvicini *et al.*, Physical Review D **70**, 112004 (2004), hep-ex/0411050
17. Exotic meson decay to  $\omega \pi^0 \pi^-$   
M. Lu *et al.*[E852 Collaboration], Physical Review Letters **94**, 032002 (2005),  
hep-ex/0405044
18. Study of the Semileptonic Charm Decays  $D^0 \rightarrow \pi^- \ell^+ \nu$  and  $D^0 \rightarrow K^- \ell^+ \nu$   
G.S. Huang *et al.*, Physical Review Letters **94**, 011802 (2005), hep-ex/0407035
19. Measurement of the Muonic Branching Fractions of the Narrow Upsilon Resonances  
G.S. Adams *et al.*, Physical Review Letters **94**, 012001 (2005), hep-ex/0409027
20. Observation of  $1^-0^-$  Final States from  $\psi(2S)$  Decays and  $e^+e^-$  Annihilation  
N.E. Adam *et al.*, Physical Review Letters **94**, 012005 (2005), hep-ex/0407028
21. Photon Transitions in  $\Upsilon(2S)$  and  $\Upsilon(3S)$  Decays  
M. Artuso *et al.*, Physical Review Letters **94**, 032001 (2005), hep-ex/0411068
22. Search for  $X(3872)$  in  $\gamma\gamma$  Fusion and ISR at CLEO  
S. Dobbs *et al.*, Physical Review Letters **94**, 032004 (2005), hep-ex/0410038
23. Improved Measurement of the Form Factors in the Decay  $\Lambda_c^+ \rightarrow \Lambda e^+ \nu_e$   
J. W. Hinson *et al.*, Physical Review Letters **94**, 191801 (2005), hep-ex/0501002
24. Branching Fractions for  $\psi(2S)$  to  $J/\psi$  Transitions  
N.E. Adam *et al.*, Physical Review Letters **94**, 232002 (2005), hep-ex/0503028
25. Study of  $\tau$  Decays to Four-Hadron Final States with Kaons  
K. Arms *et al.*, Physical Review Letters **94**, 241802 (2005), hep-ex/0501042

26. Observation of Thirteen New Exclusive Multi-Body Hadronic Decays of the  $\psi(2S)$   
R.A. Briere *et al.*, Physical Review Letters **95**, 062001 (2005), hep-ex/0505101
27. Observation of the  $h_c(^1P_1)$  State of Charmonium  
J. L. Rosner *et al.*, Physical Review Letters **95**, 102003 (2005), hep-ex/0505073
28. Measurement of Absolute Hadronic Branching Fractions of  $D$  Mesons and  $e^+e^- \rightarrow D\bar{D}$   
Cross Sections at  $E_{cm} = 3773$  MeV  
Q. He *et al.*, Physical Review Letters **95**, 121801 (2005), hep-ex/0504003
29. Absolute Branching Fraction Measurements of Exclusive  $D^+$  Semileptonic Decays  
G. S. Huang *et al.*, Physical Review Letters **95**, 181801 (2005), hep-ex/0506053
30. Absolute Branching Fraction Measurements of Exclusive  $D^0$  Semileptonic Decays  
T.E. Coan *et al.*, Physical Review Letters **95**, 181802 (2005), hep-ex/0506052
31. Search for Rare and Forbidden Decays  $D^+ \rightarrow h^\pm e^\mp e^+$   
Q. He *et al.*, Physical Review Letters **95**, 221802 (2005), hep-ex/0508031
32. Improved Measurement of  $\mathcal{B}(D^+ \rightarrow \mu^+\nu)$  and the Pseudoscalar Decay Constant  $f_{D^+}$   
M. Artuso *et al.*, Physical Review Letters **95**, 251801 (2005), hep-ex/0508057
33. Evidence for  $B_s^{(*)}\bar{B}_s^{(*)}$  Production at the  $\Upsilon(5S)$   
M. Artuso *et al.*, Physical Review Letters **95**, 261801 (2005), hep-ex/0508047
34. Precision Measurements of the Timelike Electromagnetic Form Factors of Pion, Kaon, and  
Proton  
T.K. Pedlar *et al.*, Physical Review Letters **95**, 261803 (2005), hep-ex/0510005
35. Search for  $e^+e^- \rightarrow \Lambda_b^0\bar{\Lambda}_b^0$  Near Threshold  
D. Besson *et al.*, Physical Review D **71**, 012004 (2005), hep-ex/0411078
36. A New Measurement of the Masses and Widths of the  $\Sigma_c^{*++}$  and  $\Sigma_c^{*0}$  Charmed Baryons  
S.B. Athar *et al.*, Physical Review D **71**, 051101(R) (2005), hep-ex/0410088
37. Limits on Neutral  $D$  Mixing in Semileptonic Decays  
C. Cawlfeld *et al.*, Physical Review D **71**, 077101 (2005), hep-ex/0502012
38. The Search for  $\eta(1440) \rightarrow K_S^0 K^\pm \pi^\mp$  in Two-Photon Fusion at CLEO  
R. Ahohe *et al.*, Physical Review D **71**, 072001 (2005), hep-ex/0501026

39. Measurement of the Branching Fractions for  $J/\psi \rightarrow \ell^+\ell^-$   
Z. Li *et al.*, Physical Review D **71**, 111103(R) (2005), hep-ex/0503027
40. Search for  $D^0\text{-}\bar{D}^0$  Mixing in the Dalitz Plot Analysis of  $D^0 \rightarrow K_S^0\pi^+\pi^-$   
D.M. Asner *et al.*, Physical Review D **72**, 012001 (2005), hep-ex/0503045
41. Searches for  $CP$  Violation and  $\pi\pi$  S-Wave in the Dalitz-Plot Analysis of  $D^0 \rightarrow \pi^+\pi^-\pi^0$   
D. Cronin-Hennessy *et al.*, Physical Review D **72**, 031102(R) (2005), hep-ex/0503052
42. Branching Fraction Measurements of  $\psi(2S)$  Decay to Baryon-Antibaryon Final States  
T.K. Pedlar *et al.*, Physical Review D **72**, 051108(R) (2005), hep-ex/0505057
43. Observation of the  $^1P_1$  State of Charmonium  
P. Rubin *et al.*, Physical Review D **72**, 092004 (2005), hep-ex/0508037
44. Observation of  $B_s$  Production at the  $\Upsilon(5S)$  Resonance  
G. Bonvicini *et al.*, Physical Review Letters **96**, 022002 (2006), hep-ex/0510034
45. Search for Exclusive Multi-Body Non- $D\bar{D}$  Decays at the  $\psi(3770)$   
G.S. Huang *et al.*, Physical Review Letters **96**, 032003 (2006), hep-ex/0509046
46. New Measurements of Cabibbo-Suppressed Decays of  $D$  Mesons with the CLEO-c Detector  
P. Rubin *et al.*, Physical Review Letters **96**, 081802 (2006), hep-ex/0512063
47. Observation of  $\psi(3770) \rightarrow \pi\pi J/\psi$  and Measurement of  $\Gamma_{ee}[\psi(2S)]$   
N. E. Adam *et al.*, Physical Review Letters **96**, 082004 (2006), hep-ex/0508023
48. Measurement of  $\sigma(e^+e^- \rightarrow \psi(3770) \rightarrow \text{hadrons})$  at  $E_{cm}=3773$  MeV  
D. Besson *et al.*, Physical Review Letters **96**, 092002 (2006), hep-ex/0512038
49. Dielectron Widths of the  $\Upsilon(1S, 2S, 3S)$  Resonances  
J. L. Rosner *et al.*, Physical Review Letters **96**, 092003 (2006), hep-ex/0512056
50. Experimental Limits on Weak Annihilation Contributions to  $b \rightarrow ul\nu$  Decay  
J.L. Rosner *et al.*, Physical Review Letters **96**, 121801 (2006), hep-ex/0601027
51. Measurements of the Exclusive Decays of the  $\Upsilon(5S)$  to  $B$  Meson Final States and Improved  $B_s^*$  Mass Measurement  
O. Aquines *et al.*, Physical Review Letters **96**, 152001 (2006), hep-ex/0601044

52. Charmonium Decays of  $Y(4260)$ ,  $\psi(4160)$ , and  $\psi(4040)$   
 T.E. Coan *et al.*, Physical Review Letters **96**, 162003 (2006), hep-ex/0602034
53. Observation of  $\psi(3770) \rightarrow \gamma\chi_{c1} \rightarrow \gamma\gamma J/\psi$   
 T.E. Coan *et al.*, Physical Review Letters **96**, 182002 (2006), hep-ex/0509030
54. Decay of  $\psi(3770)$  to Light Hadrons  
 G.S. Adams *et al.*, Physical Review D **73**, 012002 (2006), hep-ex/0509011
55. Experimental Study of  $\chi_b(2P) \rightarrow \pi\pi\chi_b(1P)$   
 C. Cawfield *et al.*, Physical Review D **73**, 012003 (2006), hep-ex/0511019
56. Radiative Decays of the  $\Upsilon(1S)$  to a Pair of Charged Hadrons  
 S.B. Athar *et al.*, Physical Review D **73**, 032001 (2006), hep-ex/0510015
57. Measurement of  $\Gamma_{ee}(J/\psi)$ ,  $\Gamma_{\text{tot}}(J/\psi)$ , and  $\Gamma_{ee}[\psi(2S)]/\Gamma_{ee}(J/\psi)$   
 G.S. Adams *et al.*, Physical Review D **73**, 051103(R) (2006), hep-ex/0512046
58. Two-Photon Width of the Charmonium State  $\chi_{c2}$   
 S. Dobbs *et al.*, Physical Review D **73**, 071101(R) (2006), hep-ex/0510033
59. An Investigation of  $D^+ \rightarrow \tau^+\nu$   
 P. Rubin *et al.*, Physical Review D **73**, 112005 (2006), hep-ex/0604043
60. Measurement of the Direct Photon Momentum Spectrum in  $\Upsilon(1S)$ ,  $\Upsilon(2S)$ , and  $\Upsilon(3S)$   
 Decays  
 D. Besson *et al.*, Physical Review D **74**, 012003 (2006), hep-ex/0512061
61. Measurement of Interference between Electromagnetic and Strong Amplitudes in  $\psi(2S)$   
 Decays to Two Pseudoscalar Mesons  
 S. Dobbs *et al.*, Physical Review D **74**, 011105(R) (2006), hep-ex/0603020
62. Radiative Decays of the  $\Upsilon(1S) \rightarrow \gamma\pi^0\pi^0, \gamma\eta\eta$  and  $\gamma\pi^0\eta$   
 D. Besson *et al.*, CLNS 05/1940, CLEO 05-28  
 (submitted to Physical Review D), hep-ex/0512003
63. Search for the non- $D\bar{D}$  Decay  $\psi(3770) \rightarrow K_S^0 K_L^0$   
 D. Cronin-Hennessy *et al.*, CLNS 05/1946, CLEO 05-32  
 (submitted to Physical Review D), hep-ex/0603026

64. Observation of  $\psi(3770) \rightarrow \gamma\chi_{c0}$   
 R. A. Briere *et al.*, CLNS 06/1955, CLEO 06-04  
 (submitted to Physical Review D), hep-ex/0605070
65. Measurement of Interfering  $K^{*+}K^-$  and  $K^{*-}K^+$  Amplitudes in the Decay  $D^0 \rightarrow K^+K^-\pi^0$   
 C. Cawlfeld *et al.*, CLNS 06/1956, CLEO 06-05  
 (submitted to Physical Review D), hep-ex/
66. Absolute Branching Fraction Measurements for  $D^+$  and  $D^0$  Inclusive Semileptonic Decays  
 N.E. Adam *et al.*, CLNS 06/1957, CLEO 06-06  
 (submitted to Physical Review Letters), hep-ex/0604044
67. Model Independent Measurement of Form Factors in the Decay  $D^+ \rightarrow K^-\pi^+e^+\nu_e$   
 M.R. Shepherd *et al.*, CLNS 06/1960, CLEO 06-09  
 (submitted to Physical Review D), hep-ex/0606010
68. First Observation of  $\Upsilon(3S) \rightarrow \tau\tau$  and Tests of Lepton Universality in  $\Upsilon$  Decays  
 D. Besson *et al.*, CLNS 06/1961, CLEO 06-10  
 (submitted to Physical Review Letters), hep-ex/0607019

#### IV. ADAMS' INVITED CONFERENCE PRESENTATIONS SINCE JAN. 2004

1. G.S. Adams: "Exotic Meson Spectroscopy from BNL E852," XI Intl. Conf. on Hadron Spectroscopy - Hadron 05, Rio de Janeiro, Brazil, Aug. 2005.
2. G.S. Adams: "Exotic Meson Production in BNL Experiment E852," APS Topical Group on Hadron Physics, Fermilab, Oct. 2004.
3. G.S. Adams: "Photoproduction of Exotic Hadrons," Spring meeting of the APS, Denver, May 2004.