

|    | Name              | Value         |
|----|-------------------|---------------|
| 1  | length            | 5.900000e+02  |
| 2  | ll                | -2.006406e+04 |
| 3  | pi_a              | 2.400230e-01  |
| 4  | pi_c              | 2.599885e-01  |
| 5  | pi_g              | 2.764258e-01  |
| 6  | pi_t              | 2.235627e-01  |
| 7  | kappa             | 1.486228e+00  |
| 8  | omega             | 1.173257e-01  |
| 9  | tau               | 0.000000e+00  |
| 10 | (N0,N1)           | 6.353181e-04  |
| 11 | (N0,ENSLOCG)      | 6.561640e-01  |
| 12 | (N1,N3)           | 5.328125e-01  |
| 13 | (N1,N2)           | 3.754511e-02  |
| 14 | (N3,N6)           | 1.846488e-02  |
| 15 | (N3,N4)           | 1.864869e-02  |
| 16 | (N2,ENSDARG)      | 7.101524e-01  |
| 17 | (N2,ENSAMXG)      | 8.217876e-01  |
| 18 | (N6,N7)           | 3.851042e-03  |
| 19 | (N6,ENSGACG)      | 3.324968e-01  |
| 20 | (N4,N5)           | 4.767489e-02  |
| 21 | (N4,ENSONIG)      | 3.132201e-01  |
| 22 | (N7,ENSTRUG)      | 1.349847e+00  |
| 23 | (N7,ENSTNIG)      | 4.901345e-01  |
| 24 | (N5,ENSXMAG)      | 6.042782e-01  |
| 25 | (N5,ENSORLG)      | 1.349191e+00  |
| 26 | (N0,N1,tau)       | 0.000000e+00  |
| 27 | (N0,ENSLOCG,tau)  | 0.000000e+00  |
| 28 | (N1,N3,tau)       | 0.000000e+00  |
| 29 | (N1,N2,tau)       | 0.000000e+00  |
| 30 | (N3,N6,tau)       | 0.000000e+00  |
| 31 | (N3,N4,tau)       | 0.000000e+00  |
| 32 | (N2,ENSDARG,tau)  | 0.000000e+00  |
| 33 | (N2,ENSAMXG,tau)  | 0.000000e+00  |
| 34 | (N6,N7,tau)       | 0.000000e+00  |
| 35 | (N6,ENSGACG,tau)  | 0.000000e+00  |
| 36 | (N4,N5,tau)       | 0.000000e+00  |
| 37 | (N4,ENSONIG,tau)  | 0.000000e+00  |
| 38 | (N7,ENSTRUG,tau)  | 0.000000e+00  |
| 39 | (N7,ENSTNIG,tau)  | 0.000000e+00  |
| 40 | (N5,ENSXMAG,tau)  | 0.000000e+00  |
| 41 | (N5,ENSORLG,tau)  | 0.000000e+00  |
| 42 | (N0,N1,1->2)      | 0.000000e+00  |
| 43 | (N0,ENSLOCG,1->2) | 0.000000e+00  |
| 44 | (N1,N3,1->2)      | 0.000000e+00  |
| 45 | (N1,N2,1->2)      | 0.000000e+00  |
| 46 | (N3,N6,1->2)      | 0.000000e+00  |
| 47 | (N3,N4,1->2)      | 0.000000e+00  |
| 48 | (N2,ENSDARG,1->2) | 0.000000e+00  |
| 49 | (N2,ENSAMXG,1->2) | 0.000000e+00  |
| 50 | (N6,N7,1->2)      | 0.000000e+00  |
| 51 | (N6,ENSGACG,1->2) | 0.000000e+00  |
| 52 | (N4,N5,1->2)      | 0.000000e+00  |
| 53 | (N4,ENSONIG,1->2) | 0.000000e+00  |
| 54 | (N7,ENSTRUG,1->2) | 0.000000e+00  |
| 55 | (N7,ENSTNIG,1->2) | 0.000000e+00  |
| 56 | (N5,ENSXMAG,1->2) | 0.000000e+00  |
| 57 | (N5,ENSORLG,1->2) | 0.000000e+00  |
| 58 | (N0,N1,2->1)      | 0.000000e+00  |
| 59 | (N0,ENSLOCG,2->1) | 0.000000e+00  |
| 60 | (N1,N3,2->1)      | 0.000000e+00  |
| 61 | (N1,N2,2->1)      | 0.000000e+00  |
| 62 | (N3,N6,2->1)      | 0.000000e+00  |
| 63 | (N3,N4,2->1)      | 0.000000e+00  |
| 64 | (N2,ENSDARG,2->1) | 0.000000e+00  |
| 65 | (N2,ENSAMXG,2->1) | 0.000000e+00  |
| 66 | (N6,N7,2->1)      | 0.000000e+00  |
| 67 | (N6,ENSGACG,2->1) | 0.000000e+00  |
| 68 | (N4,N5,2->1)      | 0.000000e+00  |
| 69 | (N4,ENSONIG,2->1) | 0.000000e+00  |
| 70 | (N7,ENSTRUG,2->1) | 0.000000e+00  |
| 71 | (N7,ENSTNIG,2->1) | 0.000000e+00  |
| 72 | (N5,ENSXMAG,2->1) | 0.000000e+00  |
| 73 | (N5,ENSORLG,2->1) | 0.000000e+00  |
| 74 | (N0,N1,mut)       | 6.948272e-01  |
| 75 | (N0,ENSLOCG,mut)  | 3.686669e+02  |
| 76 | (N1,N3,mut)       | 5.994130e+02  |
| 77 | (N1,N2,mut)       | 4.225195e+01  |
| 78 | (N3,N6,mut)       | 2.064713e+01  |
| 79 | (N3,N4,mut)       | 2.100589e+01  |
| 80 | (N2,ENSDARG,mut)  | 7.987528e+02  |
| 81 | (N2,ENSAMXG,mut)  | 9.255403e+02  |
| 82 | (N6,N7,mut)       | 4.378710e+00  |
| 83 | (N6,ENSGACG,mut)  | 3.737170e+02  |
| 84 | (N4,N5,mut)       | 5.364874e+01  |
| 85 | (N4,ENSONIG,mut)  | 3.528159e+02  |
| 86 | (N7,ENSTRUG,mut)  | 1.517154e+03  |
| 87 | (N7,ENSTNIG,mut)  | 5.514748e+02  |
| 88 | (N5,ENSXMAG,mut)  | 6.800511e+02  |
| 89 | (N5,ENSORLG,mut)  | 1.520978e+03  |