Supporting Information

Bonding and Stability of Dinitrogen-Bonded Donor Base-Stabilized Si(0)/Ge(0) Species [(cAACMe-Si/Ge)₂(N₂)]: EDA-NOCV Analysis

Harsha S. Karnamkkott,[a] Sai Manoj N. V. T. Gorantla,[a] Kavita Devi,[a] Geetika Tiwari,[a] and Kartik Chandra Mondal *[a]

[a] Department of Chemistry, Indian Institute of Technology Madras, Chennai 600036, India.

E-mail: csdkartik@iitm.ac.in
Figure S1: Optimized geometries of (cAAC-Si)$_2$(N$_2$) (1) and (cAAC-Ge)$_2$(N$_2$) (2) in triplet states at the BP86-D3(BJ)/TZ2P level of theory.

Figure S2. Energy vs n-Steps plot with geometries of the key steps of compound (cAAC-Si)$_2$(N$_2$) (1).

We tried to optimize the geometries of (cAAC-Si)$_2$(N$_2$) (1) and (cAAC-Ge)$_2$(N$_2$) (2) compounds with the ligands trans to each other. In case of compound 1 the ligands remained trans to each other through the optimization steps, though there were slight changes in the final low energy geometry. However, for compound 2, the attempt to optimize trans geometry interestingly resulted in a final cis geometry. The plots of energy vs optimization steps shown in Figures S2 and S3 illustrate the changes in the geometries at key steps (high energy local
minima) until the final global minima (optimized geometry). The energies of the geometries at key steps (Figures S2-S3) were calculated relative to the energy of the optimized geometry.

**Figure S3.** Energy vs n-Steps plot with geometries of the key steps of compound (cAAC-Ge)$_2$(N$_2$) (2).

**Figure S4.** Space filling model of theoretically optimized compound 1$^{\text{Dip}}$ in singlet states at the BP86-D3(BJ)/TZ2P level of theory.
Optimized coordinates

Energies in Hartree

(cAAC-Si)$_2$(N$_2$) (I) Singlet

Energy: -1504.8348487

| 6  | -5.344691000 | 0.343132000 | 0.766660000 |
| 6  | -4.576621000 | -0.958058000 | 1.069426000 |
| 7  | -3.252773000 | -0.672798000 | 0.437773000 |
| 6  | -3.203270000 | 0.416986000 | -0.353938000 |
| 6  | -4.605448000 | 1.038697000 | -0.403200000 |
| 14 | -1.881447000 | 1.193708000 | -1.417283000 |
| 6  | -5.260146000 | 0.718449000 | -1.765945000 |
| 6  | -4.575191000 | 2.563115000 | -0.209835000 |
| 6  | -4.422209000 | -1.174524000 | 2.580609000 |
| 6  | -5.215262000 | -2.196699000 | 0.419182000 |
| 6  | -2.146275000 | -1.593860000 | 0.617912000 |
| 7  | -0.568055000 | 0.126659000 | -0.969223000 |
| 7  | 0.576323000 | -0.213785000 | -0.965482000 |
| 14 | 1.911224000 | -1.256037000 | -1.406143000 |
| 6  | 3.233497000 | -0.386151000 | -0.416066000 |
| 6  | 4.649853000 | -0.974620000 | -0.450124000 |
| 6  | 5.523197000 | 0.165001000 | 0.130381000 |
| 6  | 4.582839000 | 1.084199000 | 0.934336000 |
| 7  | 3.248795000 | 0.699729000 | 0.381431000 |
| 6  | 4.687343000 | -2.237513000 | 0.440043000 |
| 6  | 5.105632000 | -1.350340000 | -1.868744000 |
| 6  | 4.880738000 | 2.563682000 | 0.655726000 |
| 6  | 4.624979000 | 0.810897000 | 2.446943000 |
| 6  | 2.060711000 | 1.441219000 | 0.760457000 |
| 1  | -6.400223000 | 0.147846000 | 0.534462000 |
| 1  | -5.315611000 | 0.994318000 | 1.652577000 |
|   |    |        |        |        |
|---|---|--------|--------|--------|
| 1 | -6.298063000 | 1.086671000 | -1.783172000 |
| 1 | -4.701721000 | 1.201009000 | -2.579700000 |
| 1 | -5.270915000 | -0.360640000 | -1.968308000 |
| 1 | -4.081828000 | 2.828910000 | 0.735300000 |
| 1 | -4.024889000 | 3.052856000 | -1.026197000 |
| 1 | -5.600190000 | 2.965422000 | 0.735300000 |
| 1 | -3.880043000 | -2.101603000 | 2.814119000 |
| 1 | -5.415987000 | -1.247766000 | 3.044827000 |
| 1 | -3.888168000 | -0.331003000 | 3.039137000 |
| 1 | -6.196820000 | -2.396420000 | 0.871823000 |
| 1 | -5.354499000 | -2.051747000 | -0.659352000 |
| 1 | -4.591276000 | -3.089709000 | 0.567197000 |
| 1 | -1.321981000 | -1.120371000 | 1.170140000 |
| 1 | -2.488519000 | -2.472968000 | 1.175061000 |
| 1 | -1.753127000 | -1.911583000 | -0.358807000 |
| 1 | 5.967560000 | 0.737226000 | -0.696925000 |
| 1 | 6.347020000 | -0.215738000 | 0.749036000 |
| 1 | 5.714259000 | -2.631466000 | 0.496414000 |
| 1 | 4.034604000 | -3.016382000 | 0.022363000 |
| 1 | 4.340294000 | -2.026369000 | 1.460298000 |
| 1 | 4.472798000 | -2.144305000 | -2.290515000 |
| 1 | 5.049266000 | -0.483784000 | -2.541669000 |
| 1 | 6.144978000 | -1.713827000 | -1.848894000 |
| 1 | 4.224745000 | 3.235329000 | 1.227142000 |
| 1 | 5.916729000 | 2.790197000 | 0.945346000 |
| 1 | 4.764022000 | 2.786333000 | -0.413574000 |
| 1 | 4.437442000 | -0.248087000 | 2.664587000 |
| 1 | 5.611573000 | 1.078194000 | 2.851209000 |
| 1 | 3.872248000 | 1.409771000 | 2.979482000 |
| 1 | 1.585494000 | 1.899310000 | -0.119968000 |
|   | 1.323262000 | 0.772880000 | 1.226501000 |
|---|-------------|-------------|-------------|
| 1 | 2.332615000 | 2.229814000 | 1.470399000 |

(cAAC-Ge)$_2$(N$_2$) (2) Singlet.

Energy: -5080.342574

|   |             |             |             |
|---|-------------|-------------|-------------|
| 6 | -4.141476000 | -1.302275000 | 0.448366000  |
| 6 | -2.854330000 | -1.739640000 | 1.174928000  |
| 7 | -1.981798000 | -0.541694000 | 0.974920000  |
| 6 | -2.439857000 | 0.379419000 | 0.108152000  |
| 6 | -3.747642000 | -0.141302000 | -0.499056000 |
| 6 | -3.484463000 | -0.648865000 | -1.935716000 |
| 6 | -4.843231000 | 0.935613000 | -0.542594000 |
| 6 | -3.114483000 | -1.979736000 | 2.667959000  |
| 6 | -2.197709000 | -2.980034000 | 0.547083000  |
| 6 | -0.701878000 | -0.451950000 | 1.654183000  |
| 32| -1.767821000 | 2.088954000 | -0.591773000 |
| 7 | -0.114037000 | 1.975649000 | 0.379731000  |
| 7 | 0.980625000 | 2.152700000 | 0.762158000  |
| 32| 2.710190000 | 1.516603000 | 1.423174000  |
| 6 | 2.635333000 | 0.101625000 | 0.057145000  |
| 6 | 3.212081000 | -1.291663000 | 0.317517000  |
| 6 | 2.377707000 | -2.171137000 | -0.647964000 |
| 6 | 1.909130000 | -1.248489000 | -1.794977000 |
| 7 | 2.104244000 | 0.101840000 | -1.182540000 |
| 6 | 1.759777000 | 1.293668000 | -1.936142000 |
| 6 | 4.711929000 | -1.282580000 | -0.058604000 |
| 6 | 3.065062000 | -1.762026000 | 1.769643000  |
| 6 | 0.421271000 | -1.446056000 | -2.118985000 |
| 6 | 2.751946000 | -1.419305000 | -3.069046000 |
| 1 | -4.610497000 | -2.137734000 | -0.088836000 |
(cAAC-Si)$_2$(N$_2$) (I) Triplet

Energy: -1504.8109313

1 3.819889000 -1.264693000 -2.870996000
1 2.619262000 -2.436982000 -3.461462000
1 2.440791000 -0.721693000 -3.858554000
|   |      |        |        |
|---|------|--------|--------|
| 1 | -6.63 | 0.45 | -0.11 |
| 1 | -5.90 | 0.32 | 1.49  |
| 1 | -5.83 | 2.48 | -1.35 |
| 1 | -4.07 | 2.7  | -1.58 |
| 1 | -4.87 | 1.19 | 2.12  |
| 1 | -3.81 | 3.2  | 0.87  |
| 1 | -5.56 | 2.9  | 1.14  |
| 1 | -4.94 | -3.11| 0.954 |
| 1 | -6.45 | -2.25| 1.30  |
| 1 | -4.95 | -1.78| 2.14  |
| 1 | -5.39 | -2.57| -0.99 |
| 1 | -5.05 | -1.94| -0.74 |
| 1 | -3.21 | -2.79| -0.30 |
| 1 | -2.00 | -1.65| -1.49 |
| 1 | -2.02 | -1.94| 0.74  |
| 1 | 5.90  | -0.32| 1.12  |
| 1 | 6.64  | -0.45| 0.11  |
| 1 | 5.83  | -2.48| 1.35  |
| 1 | 4.06  | -2.67| 1.58  |
| 1 | 4.87  | -1.19| 2.13  |
| 1 | 3.81  | -3.20| -0.86 |
| 1 | 4.37  | -2.06| -2.10 |
| 1 | 5.56  | -2.98| -1.13 |
| 1 | 4.94  | 3.10 | -0.96 |
| 1 | 6.45  | 2.24 | -1.31 |
| 1 | 4.95  | 1.78 | -2.14 |
| 1 | 5.39  | 0.91 | 2.08  |
| 1 | 6.64  | 1.86 | 1.24  |
1  5.048320000  2.573550000  1.543709000
1  3.192477000  2.799092000  0.302648000
1  2.023899000  1.939035000 -0.747170000
1  2.001429000  1.650392000  0.996307000

\[(cAAC-Si)_2(N_2) \quad (2)\text{ Triplet} \]

Energy: -5080.3231092

|   |    x    |    y    |    z     |
|---|---------|---------|----------|
|  6 |  1.716813000 |  1.457592000 |  1.719842000 |
|  6 |  2.515609000 |  2.006301000 |  0.522225000 |
|  7 |  2.636233000 |  0.775600000 | -0.320687000 |
|  6 |  2.467990000 | -0.382854000 |  0.337263000 |
|  6 |  1.940766000 | -0.080242000 |  1.737698000 |
|  6 |  2.961677000 | -0.520608000 |  2.805129000 |
|  6 |  0.609852000 | -0.817766000 |  1.973889000 |
|  6 |  1.770791000 |  3.120875000 | -0.214214000 |
|  6 |  3.924923000 |  2.478844000 |  0.921322000 |
|  6 |  3.083463000 |  0.872274000 | -1.697882000 |
| 32 |  2.851257000 | -2.198265000 | -0.367786000 |
|  7 |  0.811060000 | -2.020908000 | -1.846294000 |
|  7 |  0.026600000 | -1.182177000 | -1.765565000 |
| 32 | -0.776397000 |  0.611535000 | -1.747825000 |
|  6 | -2.240136000 |  0.186086000 | -0.551617000 |
|  6 | -3.028200000 |  1.379745000 |  0.008716000 |
|  6 | -4.277700000 |  0.710029000 |  0.633064000 |
|  6 | -3.907543000 | -0.760543000 |  0.906601000 |
|  7 | -2.765697000 | -0.949907000 | -0.034127000 |
|  6 | -2.227585000 | -2.268751000 | -0.293144000 |
|  6 | -2.196634000 |  2.119864000 |  1.079773000 |
|  6 | -3.426376000 |  2.383031000 | -1.086085000 |
|  6 | -5.077951000 | -1.690756000 |  0.560219000 |
|   | x       | y       | z       |
|---|---------|---------|---------|
| 6 | -3.445108000 | -1.015383000 | 2.351181000 |
| 1 | 2.017571000 | 1.937045000 | 2.661162000 |
| 1 | 0.650690000 | 1.665811000 | 1.558439000 |
| 1 | 2.582941000 | -0.288091000 | 3.812672000 |
| 1 | 3.135820000 | -1.604132000 | 2.738190000 |
| 1 | 3.929945000 | -0.018555000 | 2.675437000 |
| 1 | -0.123160000 | -0.533638000 | 1.204650000 |
| 1 | 0.758413000 | -1.906871000 | 1.933160000 |
| 1 | 0.201643000 | -0.557553000 | 2.963515000 |
| 1 | 2.359109000 | 3.525014000 | -1.050184000 |
| 1 | 1.569663000 | 3.947008000 | 0.482187000 |
| 1 | 0.815280000 | 2.744651000 | -0.608247000 |
| 1 | 3.850892000 | 3.350439000 | 1.586727000 |
| 1 | 4.475381000 | 1.686872000 | 1.445081000 |
| 1 | 4.508827000 | 2.780485000 | 0.040180000 |
| 1 | 2.324967000 | 1.386594000 | -2.305897000 |
| 1 | 4.035249000 | 1.420466000 | -1.766222000 |
| 1 | 3.229428000 | -0.145656000 | -2.085522000 |
| 1 | -5.104889000 | 0.741493000 | -0.091190000 |
| 1 | -4.614145000 | 1.222520000 | 1.544403000 |
| 1 | -2.136320000 | -2.426054000 | -1.378204000 |
| 1 | -1.230652000 | -2.394369000 | 0.154420000 |
| 1 | -2.896232000 | -3.030524000 | 0.121096000 |
| 1 | -2.806718000 | 2.896062000 | 1.568314000 |
| 1 | -1.324163000 | 2.602398000 | 0.618972000 |
| 1 | -1.825248000 | 1.435042000 | 1.853015000 |
| 1 | -3.999311000 | 1.888755000 | -1.881968000 |
| 1 | -4.038596000 | 3.192828000 | -0.659673000 |
| 1 | -2.538178000 | 2.842544000 | -1.545569000 |
| 1 | -4.858777000 | -2.743408000 | 0.787343000 |
### Energies in Hartree

(cAAC<sup>Dp</sup> -Si)<sub>2</sub>(N<sub>2</sub>) (1<sup>Dp</sup>) Singlet

Energy: -2360.4740311

|   |          |          |          |          |          |
|---|----------|----------|----------|----------|----------|
| 1 | -5.956972 | -1.405832 | 1.155529 |          |          |
| 1 | -5.33929  | -1.606340 | -0.503467 |          |          |
| 1 | -2.624156 | -0.344134 | 2.631331 |          |          |
| 1 | -4.277241 | -0.860130 | 3.052842 |          |          |
| 1 | -3.092559 | -2.050051 | 2.469852 |          |          |
6  -1.648433000  1.764833000  2.428655000
6  -1.306541000  2.928786000  1.748124000
6  -1.732835000  3.115573000  0.435242000
6  -2.536887000  2.168615000  -0.210752000
6  -2.912886000  1.012808000  0.515214000
6  1.912611000  -2.193967000  2.242602000
6  2.607009000  -1.137781000  1.648403000
6  2.768230000  -1.133813000  0.233267000
6  2.144421000  -2.115361000  -0.570841000
6  1.429759000  -3.133551000  0.089177000
6  1.338860000  -3.201521000  1.472096000
6  2.066486000  -2.211268000  -2.097926000
6  2.271551000  -0.951259000  -2.941104000
6  2.914644000  -3.384508000  -2.626651000
6  3.093897000  -0.006018000  2.546297000
6  1.907944000  0.861828000  3.006444000
6  3.875420000  -0.504195000  3.774340000
6  -2.661482000  -0.539081000  2.548682000
6  -1.355276000  -1.346700000  2.595903000
6  -3.236464000  -0.349583000  3.960418000
6  -2.913271000  2.395225000  -1.668479000
6  -3.669282000  3.722563000  -1.856237000
6  -1.679305000  2.360773000  -2.588234000
1  -6.434938000  -1.672041000  -0.793402000
1  -5.789034000  -0.598573000  -2.050636000
1  -5.025902000  -3.084840000  -2.966053000
1  -4.114138000  -1.612513000  -3.410004000
1  -3.249796000  -3.054610000  -2.838851000
1  -5.154023000  -3.826168000  -0.526235000
1  -3.369597000  -3.757430000  -0.446171000
1  -4.339355000  -2.876019000  0.743830000
1  -5.447870000  2.152365000  0.252150000
1  -5.558575000  1.645937000  -1.454688000
1  -6.904403000  1.324111000  -0.340622000
|    | 1 | 2 | 3 |
|----|---|---|---|
| 1  | -5.358964000 | 0.384568000 | 2.094412000 |
| 1  | -6.819098000 | -0.320528000 | 1.369974000 |
| 1  | -5.406006000 | -1.347653000 | 1.681475000 |
| 1  | 5.739936000  | 1.431451000  | 0.810932000  |
| 1  | 6.435385000  | 1.471894000  | -0.821701000 |
| 1  | 5.250819000  | -2.153698000 | 0.580736000  |
| 1  | 6.749347000  | -1.196236000 | 0.540001000  |
| 1  | 5.449428000  | -0.755175000 | 1.663713000  |
| 1  | 5.143164000  | -1.795039000 | -1.940688000 |
| 1  | 5.201778000  | -0.152976000 | -2.622591000 |
| 1  | 6.627617000  | -0.830939000 | -1.814824000 |
| 1  | 3.550917000  | 3.181280000  | -2.427492000 |
| 1  | 5.335993000  | 3.131721000  | -2.339582000 |
| 1  | 4.408773000  | 1.695087000  | -2.849722000 |
| 1  | 5.114728000  | 4.009808000  | 0.054768000  |
| 1  | 3.338524000  | 3.977161000  | -0.082891000 |
| 1  | 4.135652000  | 3.113799000  | 1.251151000  |
| 1  | -1.270196000 | 1.600557000  | 3.438418000  |
| 1  | -0.669393000 | 3.674647000  | 2.224493000  |
| 1  | -1.411293000 | 4.002443000  | -0.111741000 |
| 1  | 1.795571000  | -2.212546000 | 3.326778000  |
| 1  | 0.915986000  | -3.877694000 | -0.521944000 |
| 1  | 0.783667000  | -4.011204000 | 1.947193000  |
| 1  | 1.011994000  | -2.497321000 | -2.264679000 |
| 1  | 1.922315000  | -1.154624000 | -3.963884000 |
| 1  | 1.700685000  | -0.098190000 | -2.555833000 |
| 1  | 3.320348000  | -0.648599000 | -3.006856000 |
| 1  | 2.728532000  | -3.532479000 | -3.700586000 |
| 1  | 2.674377000  | -4.320705000 | -2.104460000 |
| 1  | 3.990446000  | -3.201452000 | -2.496647000 |
| 1  | 3.755982000  | 0.641241000  | 1.956728000  |
| 1  | 2.267709000  | 1.734577000  | 3.572069000  |
| 1  | 1.322173000  | 1.222216000  | 2.151031000  |
| 1  | 1.241297000  | 0.283753000  | 3.663681000  |
|   | 4.301781000 | 0.348422000 | 4.322848000 |
|---|-------------|-------------|-------------|
| 1 | 4.694479000 | -1.183536000 | 3.501899000 |
| 1 | 3.218972000 | -1.044107000 | 4.471902000 |
| 1 | -3.375745000 | -1.126753000 | 1.961682000 |
| 1 | -1.525129000 | -2.325896000 | 3.068325000 |
|         | 1        | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 16      | 14      |
|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|         | -0.957858000 | -1.514069000 | 1.587800000 | -0.586406000 | -0.818213000 | 3.176151000 | -3.453450000 | -1.325779000 | 4.418381000 | -4.164605000 | 0.238529000 | 3.950812000 | -2.521226000 | 0.168952000 | 4.615561000 |
|         | -3.566582000 | 1.568584000 | -1.978033000 | -4.018555000 | 3.819924000 | -2.894695000 | -4.538543000 | 3.800460000 | -1.190158000 | -3.012212000 | 4.579319000 | -1.647671000 | -1.978330000 | 2.571957000 | -3.625747000 |
|         | -1.200635000 | 1.373998000 | -2.568244000 | -0.931880000 | 3.110097000 | -2.288672000 | -1.454493000 | -1.373357000 | -1.441366000 | 1.446051000 | 1.947391000 | -0.590868000 | | | |

**Figure S5.** Optimized equilibrium geometries of (cAAC\textsuperscript{Dip}-Si\textsubscript{2}(N\textsubscript{2}) (1\textsuperscript{Dip}) and (cAAC\textsuperscript{Dip}-Ge\textsubscript{2}(N\textsubscript{2}) (2\textsuperscript{Dip}) in the singlet state at the BP86-D3(BJ)/Def2TZVPP level of theory.

Optimized coordinates
Energies in hartree
(cAAC\textsuperscript{Dip}-Ge\textsubscript{2}(N\textsubscript{2}) (2\textsuperscript{Dip}) singlet
Energy; -5935.9834597

|         | 6       | 6       | 7       | 6       |
|---------|---------|---------|---------|---------|
|         | 5.743911000 | -1.077580000 | 0.315271000 | 5.299338000 |
|         | 5.299338000 | 0.295700000 | 0.219961000 | 3.799471000 |
|         | 3.799471000 | 0.164360000 | 0.087316000 | 3.376955000 |
|         | 3.376955000 | -0.846873000 | -0.710460000 | |
| 6 | 4.609934000  | -1.589671000  | -1.239668000  |
|---|----------------|----------------|----------------|
| 6 | 4.454748000  | -3.115150000  | -1.115956000  |
| 6 | 4.860040000  | -1.233446000  | -2.722467000  |
| 6 | 5.721906000  | 0.528101000   | 1.672208000   |
| 6 | 5.853098000  | 1.455338000   | -0.624460000  |
| 32| 1.643667000  | -1.439326000  | -1.382660000  |
| 7 | 0.545799000  | -0.121162000  | -0.492457000  |
| 7 | -0.509143000 | 0.379074000   | -0.387596000  |
| 6 | 2.355902000  | 2.159058000   | 0.169533000   |
| 6 | 1.375910000  | 2.893392000   | 0.849414000   |
| 6 | 0.894737000  | 2.478522000   | 2.089074000   |
| 6 | 1.384248000  | 1.312164000   | 2.670345000   |
| 6 | 2.365199000  | 0.541319000   | 2.032592000   |
| 6 | 2.858737000  | 0.990843000   | 0.787270000   |
| 6 | 2.809249000  | -0.769054000  | 2.664140000   |
| 6 | 3.345725000  | -0.568376000  | 4.091044000   |
| 6 | 2.806596000  | 2.618073000   | -1.208060000  |
| 6 | 1.670920000  | 2.568392000   | -2.243223000  |
| 6 | 3.411476000  | 4.031655000   | -1.150781000  |
| 32| -1.629225000 | 1.884687000   | -0.887098000  |
| 6 | -3.314631000 | 1.099053000   | -0.332242000  |
| 6 | -4.566820000 | 1.968048000   | -0.490416000  |
| 6 | -5.715177000 | 0.932139000   | -0.445922000  |
| 6 | -5.185517000 | -0.296515000  | 0.315726000   |
| 7 | -3.686440000 | -0.109441000  | 0.157958000   |
| 6 | -4.658741000 | 2.985631000   | 0.668967000   |
| 6 | -4.581489000 | 2.740874000   | -1.820213000  |
| 6 | -5.667777000 | -1.605723000  | -0.311578000  |
| 6 | -5.605373000 | -0.301338000  | 1.790401000   |
| 6 | -1.697421000 | -3.101577000  | -0.824408000  |
| 6 | -2.500119000 | -1.961544000  | -0.919031000  |
| 6 | -2.785058000 | -1.224778000  | 0.267189000   |
| 6 | -2.183845000 | -1.578326000  | 1.497686000   |
| 6 | -1.427366000 | -2.764840000  | 1.531940000   |
|   |   |   |   |
|---|---|---|---|
| 6 | -1.192670000 | -3.529503000 | 0.399794000 |
| 6 | -2.116134000 | -0.779321000 | 2.807019000 |
| 6 | -2.382397000 | 0.725416000 | 2.769510000 |
| 6 | -2.884083000 | -1.456169000 | 3.958395000 |
| 6 | -2.985111000 | -1.561971000 | -2.308977000 |
| 6 | -1.813363000 | -1.106033000 | -3.199011000 |
| 6 | -3.729871000 | -2.713364000 | -3.012859000 |
| 6 | 1.670793000 | -1.800170000 | -2.658354000 |
| 1 | 6.711122000 | -1.022268000 | -0.832945000 |
| 1 | 5.857107000 | -1.771782000 | 0.531127000 |
| 1 | 5.381690000 | -3.620174000 | -1.430044000 |
| 1 | 4.231105000 | -3.402510000 | -0.079509000 |
| 1 | 3.636341000 | -3.483530000 | -1.751657000 |
| 1 | 5.805043000 | -1.681217000 | -3.068645000 |
| 1 | 4.041066000 | -1.614581000 | -3.347628000 |
| 1 | 4.911589000 | -0.148969000 | -2.880364000 |
| 1 | 5.247639000 | 1.431458000 | 2.080580000 |
| 1 | 5.465849000 | -0.322373000 | 2.312943000 |
| 1 | 6.810878000 | 0.668964000 | 1.713690000 |
| 1 | 5.484843000 | 2.420854000 | -0.256761000 |
| 1 | 6.949727000 | 1.462017000 | -0.546933000 |
| 1 | 5.589732000 | 1.362901000 | -1.684107000 |
| 1 | 0.960132000 | 3.787622000 | 0.383939000 |
| 1 | 0.114433000 | 3.053132000 | 2.589053000 |
| 1 | 0.984355000 | 0.980660000 | 3.630049000 |
| 1 | 3.613463000 | -1.183605000 | 2.042716000 |
| 1 | 3.732185000 | -1.516590000 | 4.493287000 |
| 1 | 4.152175000 | 0.176361000 | 4.124678000 |
| 1 | 2.548532000 | -0.224607000 | 4.766358000 |
| 1 | 3.578639000 | 1.920355000 | -1.550810000 |
| 1 | 2.039450000 | 2.911368000 | -3.221569000 |
| 1 | 1.293299000 | 1.544856000 | -2.363515000 |
| 1 | 0.828193000 | 3.212526000 | -1.953719000 |
| 1 | 3.838924000 | 4.308069000 | -2.125715000 |
| x | y | z |   x | y | z |   x | y | z |   x | y | z |   x | y | z |
|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|---|
| 1.4202413 | 4.1105850 | -0.3916300 | 2.6414040 | 4.7763810 | -0.9015200 | -5.9688520 | 0.6341860 | -1.4742580 | -6.6251550 | 1.3377470 | 0.0169560 | -3.8109220 | 3.6830480 | 0.6293310 | -5.5939880 | 3.5622100 | 0.5936040 | -4.6345880 | 2.4952760 | 1.6496960 | -5.5253470 | 3.2987710 | -1.9239850 | -3.7560740 | 3.4665440 | -1.8692420 | -4.4803790 | 2.0571970 | -2.6739240 | -5.1737940 | -2.4755200 | 0.1425320 | -6.7497740 | -1.7032750 | -0.1452650 | -5.4893570 | -1.6228940 | -1.3907720 | -5.1494330 | -1.1495660 | 2.3149010 | -5.3310570 | 0.6224920 | 2.3104570 | -6.6970540 | -0.4139520 | 1.8540900 | -1.4570370 | -3.6587770 | -1.7303080 | -0.9688460 | -3.0567960 | 2.4780350 | -0.5730940 | -4.4249340 | 0.4585080 | -1.0487220 | -0.8670490 | 3.0712620 | -2.0419980 | 1.1675780 | 3.7180330 | -1.8421330 | 1.2148420 | 1.9501480 | -3.4446530 | 0.9635350 | 2.6623340 | -2.6146800 | -0.9880780 | 4.9169190 | -2.6516490 | -2.5277980 | 4.0249720 | -3.9703410 | -1.3552910 | 3.8365080 | -3.6679290 | -0.7077110 | -2.2053430 | -2.1800790 | -0.8570030 | -4.2060570 | -1.3258110 | -0.2137800 | -2.7872830 | -1.0579320 | -1.8995280 | -3.2971410 | -4.1939620 | -2.3520800 | -3.9423110 | -4.5121740 | -3.1560020 | -2.3830430 | -3.0338640 | -3.5190110 | -3.2874410 | 2.0307200 | -2.7737210 | 3.0240140 | 1.2678700 | -1.9350460 | 1.6465900 | 0.8520520 | -1.4772590 | 3.3184850 |
