**This file contains the dataset of the article:**

JIANG M, ZHANG Y, YANG Z, et al. A data-driven interpretable method to predict capacities of metal ion doped TiO2 anode materials for lithium-ion batteries using machine learning classifiers [J]. Inorganic Chemistry Frontiers, 2023, 10(22): 6646-54.

DOI https://doi.org/10.1039/D3QI01705B

**Supplementary Table S1.** Datasets: electronegativity of the doped elements (en), atom ratio of dopant and Ti (ratio), dopant’s ionic radius (radius), state of the dopant (state), material molecule mass (Mweight), molecule single bond covalent radius (rc), bond formation enthalpy of doped element and oxygen (feo), current density (current), lowest potential during charging and discharging (low), highest potential during charging and discharging (high), capacity values at different current densities (capacity).

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| elements | en | ratio | radius (nm) | state | rc (nm) | feo (KJ) | Mweight | low (V) | high (V) | current (A/ g) | capacity (mAh/ g) | Ref |
| Mg | 1.31 | 0.02 | 0.072 | 2 | 1.39 | 601.6 | 79.428 | 0.8 | 2.8 | 0.0167 | 160 | 1 |
| Mg | 1.31 | 0.02 | 0.072 | 2 | 1.39 | 601.6 | 79.428 | 0.8 | 2.8 | 0.084 | 155 | 1 |
| Mg | 1.31 | 0.02 | 0.072 | 2 | 1.39 | 601.6 | 79.428 | 0.8 | 2.8 | 0.167 | 140 | 1 |
| Mg | 1.31 | 0.02 | 0.072 | 2 | 1.39 | 601.6 | 79.428 | 0.8 | 2.8 | 0.335 | 123 | 1 |
| Mg | 1.31 | 0.02 | 0.072 | 2 | 1.39 | 601.6 | 79.428 | 0.8 | 2.8 | 0.835 | 95 | 1 |
| Mg | 1.31 | 0.01 | 0.072 | 2 | 1.39 | 601.6 | 79.664 | 0.8 | 2.8 | 0.0167 | 163 | 1 |
| Mg | 1.31 | 0.01 | 0.072 | 2 | 1.39 | 601.6 | 79.664 | 0.8 | 2.8 | 0.084 | 152 | 1 |
| Mg | 1.31 | 0.01 | 0.072 | 2 | 1.39 | 601.6 | 79.664 | 0.8 | 2.8 | 0.167 | 136 | 1 |
| Mg | 1.31 | 0.01 | 0.072 | 2 | 1.39 | 601.6 | 79.664 | 0.8 | 2.8 | 0.335 | 115d | 1 |
| Mg | 1.31 | 0.01 | 0.072 | 2 | 1.39 | 601.6 | 79.664 | 0.8 | 2.8 | 0.835 | 80 | 1 |
| Mg | 1.31 | 0.04 | 0.072 | 2 | 1.39 | 601.6 | 78.956 | 0.8 | 2.8 | 0.0167 | 159 | 1 |
| Mg | 1.31 | 0.04 | 0.072 | 2 | 1.39 | 601.6 | 78.956 | 0.8 | 2.8 | 0.084 | 139 | 1 |
| Mg | 1.31 | 0.04 | 0.072 | 2 | 1.39 | 601.6 | 78.956 | 0.8 | 2.8 | 0.167 | 110 | 1 |
| Mg | 1.31 | 0.04 | 0.072 | 2 | 1.39 | 601.6 | 78.956 | 0.8 | 2.8 | 0.335 | 82 | 1 |
| Mg | 1.31 | 0.04 | 0.072 | 2 | 1.39 | 601.6 | 78.956 | 0.8 | 2.8 | 0.835 | 50 | 1 |
| Sn | 1.96 | 0.03 | 0.069 | 4 | 1.4 | 290.4 | 82.024 | 1 | 3 | 0.0167 | 266 | 2 |
| Sn | 1.96 | 0.05 | 0.069 | 4 | 1.4 | 290.4 | 83.44 | 1 | 3 | 0.0167 | 342 | 2 |
| Sn | 1.96 | 0.05 | 0.069 | 4 | 1.4 | 290.4 | 83.44 | 1 | 3 | 0.0335 | 325 | 2 |
| Sn | 1.96 | 0.05 | 0.069 | 4 | 1.4 | 290.4 | 83.44 | 1 | 3 | 0.167 | 295 | 2 |
| Sn | 1.96 | 0.05 | 0.069 | 4 | 1.4 | 290.4 | 83.44 | 1 | 3 | 0.335 | 260 | 2 |
| Sn | 1.96 | 0.05 | 0.069 | 4 | 1.4 | 290.4 | 83.44 | 1 | 3 | 0.835 | 206 | 2 |
| Sn | 1.96 | 0.07 | 0.069 | 4 | 1.4 | 290.4 | 84.856 | 1 | 3 | 0.0167 | 207 | 2 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 0.5 | 162 | 3 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 2 | 136 | 3 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 5 | 100 | 3 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 0.1 | 180 | 3 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 1 | 150 | 3 |
| Nb | 1.6 | 0.25 | 0.064 | 5 | 1.47 | 379.9 | 91.15 | 1.2 | 3 | 10 | 75 | 3 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.47 | 290.4 | 86.98 | 0.1 | 3 | 0.1 | 300 | 4 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.47 | 290.4 | 86.98 | 0.1 | 3 | 0.3 | 240 | 4 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.47 | 290.4 | 86.98 | 0.1 | 3 | 0.5 | 195 | 4 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.47 | 290.4 | 86.98 | 0.1 | 3 | 1 | 150 | 4 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 0.335 | 160 | 5 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 0.67 | 123 | 5 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 1 | 123 | 5 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 1.67 | 103 | 5 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 3.35 | 75 | 5 |
| Fe | 1.83 | NAN | 0.0645 | 3 | 1.16 | 549.5 | 80.46 | 0.01 | 3 | 6.7 | 58 | 5 |
| Ti | 1.54 | 0.05 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 0.17 | 195 | 6 |
| Ti | 1.54 | 0.05 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 1.7 | 103 | 6 |
| Ti | 1.54 | 0.05 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 6.8 | 50 | 6 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 0.5 | 3 | 0.25 | 296 | 7 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 0.5 | 3 | 1 | 237 | 7 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 0.5 | 3 | 0.05 | 360 | 7 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 0.5 | 3 | 0.5 | 265 | 7 |
| Ni | 1.91 | 0.0245 | 0.069 | 2 | 1.1 | 239.7 | 80.1646 | 0.05 | 3 | 0.1 | 145 | 8 |
| Ni | 1.91 | 0.0245 | 0.069 | 2 | 1.1 | 239.7 | 80.1646 | 0.05 | 3 | 1 | 82 | 8 |
| Ni | 1.91 | 0.0245 | 0.069 | 2 | 1.1 | 239.7 | 80.1646 | 0.05 | 3 | 0.04 | 185 | 8 |
| Ni | 1.91 | 0.0245 | 0.069 | 2 | 1.1 | 239.7 | 80.1646 | 0.05 | 3 | 0.2 | 100 | 8 |
| Ni | 1.91 | 0.0245 | 0.069 | 2 | 1.1 | 239.7 | 80.1646 | 0.05 | 3 | 0.4 | 80 | 8 |
| Ni | 1.91 | 0.008 | 0.069 | 2 | 1.1 | 239.7 | 79.9864 | 0.05 | 3 | 0.1 | 105 | 8 |
| Ni | 1.91 | 0.008 | 0.069 | 2 | 1.1 | 239.7 | 79.9864 | 0.05 | 3 | 1 | 45 | 8 |
| Ni | 1.91 | 0.008 | 0.069 | 2 | 1.1 | 239.7 | 79.9864 | 0.05 | 3 | 0.04 | 150 | 8 |
| Ni | 1.91 | 0.008 | 0.069 | 2 | 1.1 | 239.7 | 79.9864 | 0.05 | 3 | 0.2 | 90 | 8 |
| Ni | 1.91 | 0.008 | 0.069 | 2 | 1.1 | 239.7 | 79.9864 | 0.05 | 3 | 0.4 | 60 | 8 |
| Mn | 1.55 | 0.1 | 0.054 | 4 | 1.19 | 519.7 | 80.6 | 1 | 3 | 0.0167 | 130 | 9 |
| Mn | 1.55 | 0.1 | 0.054 | 4 | 1.19 | 519.7 | 80.6 | 1 | 3 | 0.084 | 110 | 9 |
| Mn | 1.55 | 0.1 | 0.054 | 4 | 1.19 | 519.7 | 80.6 | 1 | 3 | 0.335 | 60 | 9 |
| Mn | 1.55 | 0.2 | 0.054 | 4 | 1.19 | 519.7 | 81.3 | 1 | 3 | 0.0167 | 123 | 9 |
| Mn | 1.55 | 0.2 | 0.054 | 4 | 1.19 | 519.7 | 81.3 | 1 | 3 | 0.084 | 100 | 9 |
| Mn | 1.55 | 0.2 | 0.054 | 4 | 1.19 | 519.7 | 81.3 | 1 | 3 | 0.335 | 42 | 9 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.01 | 3 | 0.084 | 270 | 10 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.01 | 3 | 0.167 | 180 | 10 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.01 | 3 | 0.0167 | 300 | 10 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.01 | 3 | 0.0335 | 240 | 10 |
| Mn | 1.55 | 0.05 | 0.054 | 4 | 1.19 | 519.7 | 80.25 | 1 | 3 | 0.0167 | 190 | 9 |
| Mn | 1.55 | 0.05 | 0.054 | 4 | 1.19 | 519.7 | 80.25 | 1 | 3 | 0.084 | 165 | 9 |
| Mn | 1.55 | 0.05 | 0.054 | 4 | 1.19 | 519.7 | 80.25 | 1 | 3 | 0.335 | 125 | 9 |
| Cu | 1.9 | 0.0355 | 0.073 | 2 | 1.12 | 157.3 | 80.45735 | 1 | 3.2 | 0.335 | 170 | 11 |
| Cu | 1.9 | 0.0355 | 0.073 | 2 | 1.12 | 157.3 | 80.45735 | 1 | 3.2 | 3.34 | 130 | 11 |
| Cu | 1.9 | 0.0355 | 0.073 | 2 | 1.12 | 157.3 | 80.45735 | 1 | 3.2 | 8.35 | 98 | 11 |
| Cu | 1.9 | 0.0355 | 0.073 | 2 | 1.12 | 157.3 | 80.45735 | 1 | 3.2 | 0.67 | 170 | 11 |
| Cu | 1.9 | 0.0355 | 0.073 | 2 | 1.12 | 157.3 | 80.45735 | 1 | 3.2 | 6.7 | 125 | 11 |
| Cu | 1.9 | 0.067 | 0.073 | 2 | 1.12 | 157.3 | 80.9519 | 1 | 3.2 | 0.335 | 175 | 11 |
| Cu | 1.9 | 0.067 | 0.073 | 2 | 1.12 | 157.3 | 80.9519 | 1 | 3.2 | 3.34 | 160 | 11 |
| Cu | 1.9 | 0.067 | 0.073 | 2 | 1.12 | 157.3 | 80.9519 | 1 | 3.2 | 8.35 | 130 | 11 |
| Cu | 1.9 | 0.067 | 0.073 | 2 | 1.12 | 157.3 | 80.9519 | 1 | 3.2 | 0.67 | 175 | 11 |
| Cu | 1.9 | 0.067 | 0.073 | 2 | 1.12 | 157.3 | 80.9519 | 1 | 3.2 | 6.7 | 152 | 11 |
| Cu | 1.9 | 0.095 | 0.073 | 2 | 1.12 | 157.3 | 81.3915 | 1 | 3.2 | 0.335 | 165 | 11 |
| Cu | 1.9 | 0.095 | 0.073 | 2 | 1.12 | 157.3 | 81.3915 | 1 | 3.2 | 3.34 | 117 | 11 |
| Cu | 1.9 | 0.095 | 0.073 | 2 | 1.12 | 157.3 | 81.3915 | 1 | 3.2 | 8.35 | 80 | 11 |
| Cu | 1.9 | 0.095 | 0.073 | 2 | 1.12 | 157.3 | 81.3915 | 1 | 3.2 | 0.67 | 169 | 11 |
| Cu | 1.9 | 0.095 | 0.073 | 2 | 1.12 | 157.3 | 81.3915 | 1 | 3.2 | 6.7 | 119 | 11 |
| Mn | 1.55 | 0.04 | 0.067 | 2 | 1.19 | 519.7 | 80.18 | 1 | 2.5 | 0.03 | 90 | 12 |
| Mn | 1.55 | 0.04 | 0.067 | 2 | 1.19 | 519.7 | 80.18 | 1 | 2.5 | 0.5 | 26 | 12 |
| Mn | 1.55 | 0.04 | 0.067 | 2 | 1.19 | 519.7 | 80.18 | 1 | 2.5 | 0.15 | 50 | 12 |
| Ni | 1.91 | 0.07 | 0.069 | 2 | 1.1 | 239.7 | 80.656 | 1 | 2.5 | 0.03 | 223 | 12 |
| Ni | 1.91 | 0.07 | 0.069 | 2 | 1.1 | 239.7 | 80.656 | 1 | 2.5 | 0.5 | 156 | 12 |
| Ni | 1.91 | 0.07 | 0.069 | 2 | 1.1 | 239.7 | 80.656 | 1 | 2.5 | 0.15 | 200 | 12 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 0.167 | 216 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 1.67 | 170 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 5 | 127 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 10 | 103 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 0.084 | 250 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 2.5 | 170 | 13 |
| Cu | 1.9 | 0.0255 | 0.073 | 2 | 1.12 | 157.3 | 80.30035 | 1 | 3 | 3.35 | 150 | 13 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.167 | 145 | 14 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.084 | 190 | 14 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.835 | 100 | 14 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.335 | 125 | 14 |
| Co | 1.88 | 0.025 | 0.065 | 2 | 1.11 | 606.6 | 80.175 | 0.01 | 3 | 0.0335 | 175 | 15 |
| Co | 1.88 | 0.025 | 0.065 | 2 | 1.11 | 606.6 | 80.175 | 0.01 | 3 | 0.067 | 146 | 15 |
| Co | 1.88 | 0.025 | 0.065 | 2 | 1.11 | 606.6 | 80.175 | 0.01 | 3 | 0.167 | 98 | 15 |
| Co | 1.88 | 0.025 | 0.065 | 2 | 1.11 | 606.6 | 80.175 | 0.01 | 3 | 0.335 | 90 | 15 |
| Co | 1.88 | 0.025 | 0.065 | 2 | 1.11 | 606.6 | 80.175 | 0.01 | 3 | 0.67 | 70 | 15 |
| Co | 1.88 | 0.042 | 0.065 | 2 | 1.11 | 606.6 | 80.362 | 0.01 | 3 | 0.0335 | 180 | 15 |
| Co | 1.88 | 0.042 | 0.065 | 2 | 1.11 | 606.6 | 80.362 | 0.01 | 3 | 0.067 | 150 | 15 |
| Co | 1.88 | 0.042 | 0.065 | 2 | 1.11 | 606.6 | 80.362 | 0.01 | 3 | 0.167 | 95 | 15 |
| Co | 1.88 | 0.042 | 0.065 | 2 | 1.11 | 606.6 | 80.362 | 0.01 | 3 | 0.335 | 80 | 15 |
| Co | 1.88 | 0.042 | 0.065 | 2 | 1.11 | 606.6 | 80.362 | 0.01 | 3 | 0.67 | 50 | 15 |
| Co | 1.88 | 0.058 | 0.065 | 2 | 1.11 | 606.6 | 80.538 | 0.01 | 3 | 0.0335 | 200 | 15 |
| Co | 1.88 | 0.058 | 0.065 | 2 | 1.11 | 606.6 | 80.538 | 0.01 | 3 | 0.067 | 176 | 15 |
| Co | 1.88 | 0.058 | 0.065 | 2 | 1.11 | 606.6 | 80.538 | 0.01 | 3 | 0.167 | 150 | 15 |
| Co | 1.88 | 0.058 | 0.065 | 2 | 1.11 | 606.6 | 80.538 | 0.01 | 3 | 0.335 | 116 | 15 |
| Co | 1.88 | 0.058 | 0.065 | 2 | 1.11 | 606.6 | 80.538 | 0.01 | 3 | 0.67 | 96 | 15 |
| Sn | 1.96 | 0.017 | 0.069 | 4 | 1.4 | 290.4 | 81.1036 | 0 | 3 | 0.05 | 245 | 16 |
| Sn | 1.96 | 0.017 | 0.069 | 4 | 1.4 | 290.4 | 81.1036 | 0 | 3 | 0.25 | 150 | 16 |
| Sn | 1.96 | 0.017 | 0.069 | 4 | 1.4 | 290.4 | 81.1036 | 0 | 3 | 1.25 | 105 | 16 |
| Sn | 1.96 | 0.017 | 0.069 | 4 | 1.4 | 290.4 | 81.1036 | 0 | 3 | 5 | 220 | 16 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 0.167 | 175 | 17 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 0.335 | 160 | 17 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 0.668 | 148 | 17 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 1.67 | 125 | 17 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 3.35 | 112 | 17 |
| Nb | 1.6 | 0.0237 | 0.069 | 5 | 1.47 | 379.9 | 80.9665 | 1 | 3 | 5 | 109 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 0.167 | 190 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 0.335 | 174 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 0.668 | 160 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 1.67 | 135 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 3.35 | 126 | 17 |
| Nb | 1.6 | 0.0644 | 0.069 | 5 | 1.47 | 379.9 | 82.798 | 1 | 3 | 5 | 120 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 0.167 | 210 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 0.335 | 198 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 0.668 | 180 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 1.67 | 168 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 3.35 | 147 | 17 |
| Nb | 1.6 | 0.0976 | 0.069 | 5 | 1.47 | 379.9 | 84.292 | 1 | 3 | 5 | 139 | 17 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 0.335 | 175 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 1.67 | 125 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 6.7 | 80 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 0.167 | 180 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 0.067 | 205 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 0.67 | 149 | 18 |
| Nb | 1.6 | 0.04 | 0.069 | 5 | 1.47 | 379.9 | 81.7 | 1 | 3 | 3.35 | 110 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 0.335 | 168 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 1.67 | 120 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 6.7 | 72 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 0.167 | 175 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 0.067 | 195 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 0.67 | 143 | 18 |
| Nb | 1.6 | 0.07 | 0.069 | 5 | 1.47 | 379.9 | 83.05 | 1 | 3 | 3.35 | 106 | 18 |
| Nb | 1.6 | 0.001 | 0.069 | 5 | 1.47 | 379.9 | 79.945 | 1 | 2.9 | 0.335 | 190 | 19 |
| Nb | 1.6 | 0.001 | 0.069 | 5 | 1.47 | 379.9 | 79.945 | 1 | 2.9 | 1.67 | 140 | 19 |
| Nb | 1.6 | 0.001 | 0.069 | 5 | 1.47 | 379.9 | 79.945 | 1 | 2.9 | 5 | 105 | 19 |
| Nb | 1.6 | 0.001 | 0.069 | 5 | 1.47 | 379.9 | 79.945 | 1 | 2.9 | 0.167 | 215 | 19 |
| Nb | 1.6 | 0.001 | 0.069 | 5 | 1.47 | 379.9 | 79.945 | 1 | 2.9 | 10 | 79 | 19 |
| Nb | 1.6 | 0.01 | 0.069 | 5 | 1.47 | 379.9 | 80.35 | 1 | 2.9 | 0.335 | 145 | 19 |
| Nb | 1.6 | 0.01 | 0.069 | 5 | 1.47 | 379.9 | 80.35 | 1 | 2.9 | 1.67 | 96 | 19 |
| Nb | 1.6 | 0.01 | 0.069 | 5 | 1.47 | 379.9 | 80.35 | 1 | 2.9 | 5 | 63 | 19 |
| Nb | 1.6 | 0.01 | 0.069 | 5 | 1.47 | 379.9 | 80.35 | 1 | 2.9 | 0.167 | 160 | 19 |
| Nb | 1.6 | 0.01 | 0.069 | 5 | 1.47 | 379.9 | 80.35 | 1 | 2.9 | 10 | 62 | 19 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 2.9 | 0.335 | 105 | 19 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 2.9 | 1.67 | 65 | 19 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 2.9 | 5 | 47 | 19 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 2.9 | 0.167 | 120 | 19 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 2.9 | 10 | 32 | 19 |
| Cu | 1.9 | 0.0233 | 0.073 | 2 | 1.12 | 157.3 | 80.26581 | 1 | 3 | 3.35 | 120 | 20 |
| Cu | 1.9 | 0.0233 | 0.073 | 2 | 1.12 | 157.3 | 80.26581 | 1 | 3 | 1.67 | 130 | 20 |
| Cu | 1.9 | 0.0233 | 0.073 | 2 | 1.12 | 157.3 | 80.26581 | 1 | 3 | 0.084 | 195 | 20 |
| Cu | 1.9 | 0.0233 | 0.073 | 2 | 1.12 | 157.3 | 80.26581 | 1 | 3 | 0.167 | 177 | 20 |
| Cu | 1.9 | 0.0233 | 0.073 | 2 | 1.12 | 157.3 | 80.26581 | 1 | 3 | 0.335 | 170 | 20 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 0.1 | 260 | 21 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 0.2 | 223 | 21 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 0.3 | 200 | 21 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 0.5 | 172 | 21 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 1 | 135 | 21 |
| Sn | 1.96 | 0.06 | 0.069 | 4 | 1.4 | 290.4 | 84.148 | 0.05 | 3 | 1.5 | 110 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.1 | 320 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.2 | 267 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.3 | 248 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.5 | 213 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 1 | 170 | 21 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 1.5 | 148 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 0.1 | 332 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 0.2 | 280 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 0.3 | 252 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 0.5 | 226 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 1 | 175 | 21 |
| Sn | 1.96 | 0.15 | 0.069 | 4 | 1.4 | 290.4 | 90.52 | 0.05 | 3 | 1.5 | 146 | 21 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 0.5 | 246 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 2 | 150 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 0.05 | 340 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 0.1 | 205 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 0.25 | 278 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 0.5 | 220 | 22 |
| Cu | 1.9 | 0.0544 | 0.077 | 1 | 1.12 | 157.3 | 80.74864 | 0.01 | 3 | 1 | 185 | 22 |
| Cu | 1.9 | 0.0233 | 0.077 | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 0.05 | 255 | 22 |
| Cu | 1.9 | 0.0233 | 0.077 | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 0.1 | 247 | 22 |
| Cu | 1.9 | 0.0233 | 0.077 | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 0.25 | 206 | 22 |
| Cu | 1.9 | 0.0233 | 0.077 | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 0.5 | 180 | 22 |
| Cu | 1.9 | 0.0233 | 0.077 | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 1 | 158 | 22 |
| Cu | 1.9 | 0.0233 | 0.077s | 1 | 1.12 | 157.3 | 80.26348 | 0.01 | 3 | 2 | 143 | 22 |
| Mn | 1.55 | 0.031 | 0.067 | 2 | 1.19 | 519.7 | 80.117 | 1 | 2.5 | 0.03 | 185 | 23 |
| Mn | 1.55 | 0.031 | 0.067 | 2 | 1.19 | 519.7 | 80.117 | 1 | 2.5 | 0.15 | 160 | 23 |
| Mn | 1.55 | 0.031 | 0.067 | 2 | 1.19 | 519.7 | 80.117 | 1 | 2.5 | 0.5 | 145 | 23 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 0.335 | 138 | 24 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 6.7 | 72 | 24 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 0.0335 | 314 | 24 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 0.167 | 153 | 24 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 0.67 | 120 | 24 |
| Ni | 1.91 | 0.05 | 0.069 | 2 | 1.1 | 239.7 | 80.44 | 1 | 3 | 1.67 | 105 | 24 |
| Zn | 1.65 | 0.05 | 0.074 | 2 | 1.18 | 348.3 | 80.775 | 1 | 3.5 | 0.0335 | 190 | 25 |
| Zn | 1.65 | 0.05 | 0.074 | 2 | 1.18 | 348.3 | 80.775 | 1 | 3.5 | 0.167 | 168 | 25 |
| Zn | 1.65 | 0.05 | 0.074 | 2 | 1.18 | 348.3 | 80.775 | 1 | 3.5 | 0.835 | 110 | 25 |
| Zn | 1.65 | 0.05 | 0.074 | 2 | 1.18 | 348.3 | 80.775 | 1 | 3.5 | 1.67 | 75 | 25 |
| Zn | 1.65 | 0.05 | 0.074 | 2 | 1.18 | 348.3 | 80.775 | 1 | 3.5 | 3.35 | 45 | 25 |
| Al | 1.61 | 0.064 | 0.0535 | 3 | 1.26 | 1054 | 78.5624 | 1 | 3 | 0.335 | 175 | 26 |
| Al | 1.61 | 0.064 | 0.0535 | 3 | 1.26 | 1054 | 78.5624 | 1 | 3 | 1.67 | 118 | 26 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1.01 | 2.5 | 0.0335 | 218 | 27 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1.01 | 2.5 | 0.067 | 180 | 27 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1.01 | 2.5 | 0.167 | 175 | 27 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1.01 | 2.5 | 0.335 | 150 | 27 |
| Cr | 1.66 | 0.05 | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1.01 | 2.5 | 1.67 | 110 | 27 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 0.042 | 168 | 28 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 0.056 | 160 | 28 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 0.084 | 140 | 28 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 1.67 | 125 | 28 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 0.335 | 110 | 28 |
| Nb | 1.6 | 0.065 | 0.069 | 5 | 1.47 | 379.9 | 82.825 | 1 | 3 | 0.67 | 88 | 28 |
| Co | 1.88 | 0.0121 | 0.061 | 3 | 1.11 | 606.6 | 80.0331 | 0.5 | 3 | 0.067 | 216 | 29 |
| Co | 1.88 | 0.0121 | 0.061 | 3 | 1.11 | 606.6 | 80.0331 | 0.5 | 3 | 0.335 | 185 | 29 |
| Co | 1.88 | 0.0121 | 0.061 | 3 | 1.11 | 606.6 | 80.0331 | 0.5 | 3 | 0.67 | 172 | 29 |
| Co | 1.88 | 0.0121 | 0.061 | 3 | 1.11 | 606.6 | 80.0331 | 0.5 | 3 | 1.67 | 149 | 29 |
| Co | 1.88 | 0.0121 | 0.061 | 3 | 1.11 | 606.6 | 80.0331 | 0.5 | 3 | 3.35 | 105 | 29 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 1 | 173 | 30 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 0.1 | 189 | 30 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 0.2 | 182 | 30 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 0.5 | 178 | 30 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 1 | 173 | 30 |
| W | 2.36 | NAN | 0.06 | 6 | 1.37 | 281 | 81.259 | 1 | 3 | 2 | 169 | 30 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.4 | 580.7 | 86.98 | 0.1 | 3 | 0.335 | 370 | 31 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.4 | 580.7 | 86.98 | 0.1 | 3 | 0.0335 | 440 | 31 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.4 | 580.7 | 86.98 | 0.1 | 3 | 1 | 340 | 31 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.4 | 580.7 | 86.98 | 0.1 | 3 | 1.67 | 325 | 31 |
| Sn | 1.96 | 0.1 | 0.069 | 4 | 1.4 | 580.7 | 86.98 | 0.1 | 3 | 3.35 | 290 | 31 |
| Mn | 1.55 | 0.279 | 0.067 | 2 | 1.19 | 519.7 | 81.853 | 0.01 | 3 | 0.4 | 275 | 32 |
| Mn | 1.55 | 0.279 | 0.067 | 2 | 1.19 | 519.7 | 81.853 | 0.01 | 3 | 0.8 | 205 | 32 |
| Mn | 1.55 | 0.279 | 0.067 | 2 | 1.19 | 519.7 | 81.853 | 0.01 | 3 | 1.6 | 165 | 32 |
| Mn | 1.55 | 0.279 | 0.067 | 2 | 1.19 | 519.7 | 81.853 | 0.01 | 3 | 3.2 | 147 | 32 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 0.167 | 243 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 0.335 | 235 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 0.67 | 223 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 1.67 | 190 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 3.35 | 175 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 5 | 160 | 33 |
| Cu | 1.9 | 0.15 | 0.073 | 2 | 1.12 | 157.9 | 82.255 | 1 | 3 | 6.7 | 152 | 33 |
| Zr | 1.33 | 0.01 | 0.072 | 4 | 1.54 | 547 | 80.333 | 1 | 3 | 0.0167 | 135 | 34 |
| Zr | 1.33 | 0.003 | 0.072 | 4 | 1.54 | 547 | 80.0299 | 1 | 3 | 0.0167 | 63 | 34 |
| Zr | 1.33 | 0.006 | 0.072 | 4 | 1.54 | 547 | 80.1598 | 1 | 3 | 0.0167 | 78 | 34 |
| Zr | 1.33 | 0.026 | 0.072 | 4 | 1.54 | 547 | 81.0258 | 1 | 3 | 0.0167 | 87 | 34 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.1 | 319 | 35 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.2 | 270 | 35 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.3 | 246 | 35 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 0.5 | 207 | 35 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 1 | 158 | 35 |
| Sn | 1.96 | 0.11 | 0.069 | 4 | 1.4 | 290.4 | 87.688 | 0.05 | 3 | 1.5 | 130 | 35 |
| Cr | 1.66 | NAN | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.084 | 110 | 14 |
| Cr | 1.66 | NAN | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.835 | 100 | 14 |
| Cr | 1.66 | NAN | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.167 | 140 | 14 |
| Cr | 1.66 | NAN | 0.0615 | 3 | 1.22 | 756.5 | 80.105 | 1 | 3 | 0.335 | 125 | 14 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 0.0335 | 156 | 36 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 0.084 | 148 | 36 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 0.167 | 137 | 36 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 0.501 | 112 | 36 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 0.835 | 90 | 36 |
| Mg | 1.31 | 0.038 | 0.072 | 2 | 1.39 | 601.6 | 79.0032 | 1 | 3 | 1.67 | 73 | 36 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 0.05 | 250 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 0.1 | 205 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 0.2 | 176 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 0.5 | 151 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 1 | 130 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 2 | 96 | 37 |
| Ti | 1.62 | 0.04 | 0.067 | 3 | 1.36 | 1012 | 79.9 | 1 | 3 | 3 | 75 | 37 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 0.1 | 220 | 38 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 0.3 | 205 | 38 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 0.5 | 190 | 38 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 1 | 182 | 38 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 2 | 170 | 38 |
| Zn | 1.65 | 0.2 | 0.074 | 2 | 1.18 | 348.3 | 83.4 | 0.01 | 3 | 3 | 153 | 38 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 0.084 | 180 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 0.167 | 171 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 0.335 | 162 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 0.835 | 150 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 1.67 | 125 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 3.35 | 100 | 39 |
| Nb | 1.6 | 0.03 | 0.069 | 5 | 1.47 | 379.9 | 81.25 | 1 | 3 | 6.68 | 76 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 0.084 | 193 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 0.167 | 185 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 0.335 | 175 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 0.835 | 148 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 1.67 | 138 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 3.35 | 118 | 39 |
| Nb | 1.6 | 0.05 | 0.069 | 5 | 1.47 | 379.9 | 82.15 | 1 | 3 | 6.68 | 98 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 0.084 | 178 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 0.167 | 157 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 0.335 | 132 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 0.835 | 110 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 1.67 | 80 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 3.35 | 58 | 39 |
| Nb | 1.6 | 0.1 | 0.069 | 5 | 1.47 | 379.9 | 84.4 | 1 | 3 | 6.68 | 45 | 39 |
| Ni | 1.91 | 0.08 | 0.069 | 2 | 1.1 | 239.7 | 80.764 | 1 | 3 | 0.03 | 190 | 40 |
| Ni | 1.91 | 0.08 | 0.069 | 2 | 1.1 | 239.7 | 80.764 | 1 | 3 | 0.15 | 150 | 40 |
| Ni | 1.91 | 0.08 | 0.069 | 2 | 1.1 | 239.7 | 80.764 | 1 | 3 | 0.3 | 138 | 40 |
| Ni | 1.91 | 0.08 | 0.069 | 2 | 1.1 | 239.7 | 80.764 | 1 | 3 | 0.7 | 129 | 40 |
| Ni | 1.91 | 0.08 | 0.069 | 2 | 1.1 | 239.7 | 80.764 | 1 | 3 | 1.8 | 100 | 40 |

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