**Atomic Property Data to Graph**

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| --- | --- | --- | --- |
|  | **X axis** for Graph #1 **and** Graph #2 | **Y axis**for Graph **#1** | **Y axis**for Graph **#2** |
| **Element** | **Atomic Number** | **Ionization Energy****(Electron Volts)** | **Atomic Radius****(Angstroms)** |
| **H**  | 1  | 13.6  | 0.37  |
| **He**  | 2  | 24.6  | 0.8  |
| **Li**  | 3  | 5.4  | 1.23  |
| **N**  | 7  | 14.5  | 0.74  |
| **O**  | 8  | 13.6  | 0.74  |
| **F**  | 9  | 17.4  | 0.722  |
| **Ne**  | 10  | 23.6  | 1.1  |
| **Na**  | 11  | 5.1  | 1.57  |
| **P**  | 15  | 11.0  | 1.10  |
| **S**  | 16  | 10.4  | 1.04  |
| **Cl**  | 17  | 13.0  | 0.99  |
| **Ar**  | 18  | 15.8  | 1.5  |
| **K**  | 19  | 4.3  | 2.03  |
| **As**  | 33  | 10.5  | 1.21  |
| **Se**  | 34  | 9.8  | 1.17  |
| **Br**  | 35  | 11.8  | 1.14  |
| **Kr**  | 36  | 14.0  | 1.7  |
| **Rb**  | 37  | 4.2  | 2.16  |
| **Sb**  | 51  | 8.6  | 1.41  |
| **Te**  | 52  | 9.0  | 1.37  |
| **I**  | 53  | 10.4  | 1.33  |
| **Xe**  | 54  | 12.1  | 1.9  |
| **Cs**  | 55  | 3.9  | 2.35  |