**Atomic Property Data to Graph**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **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 |