

0 # Comparison between nuclide names and Z-number

| 1 #     | 2 #X    | Name         | Z | N | A |
|---------|---------|--------------|---|---|---|
| 3 #Z    | X       | Name         |   |   |   |
| 4 g     | gamma   |              | 0 | 0 | 0 |
| 5 n     | neutron |              | 0 | 1 | 1 |
| 6 p     | proton  |              | 1 | 0 | 1 |
| 7 d     | deutron |              | 1 | 1 | 2 |
| 8 t     | triton  |              | 1 | 2 | 3 |
| 9 h     | helion  |              | 2 | 1 | 3 |
| 10 a    | alpha   |              | 2 | 2 | 4 |
| 11 001  | H       | Hydrogen     |   |   |   |
| 12 002  | He      | Helium       |   |   |   |
| 13 003  | Li      | Lithium      |   |   |   |
| 14 004  | Be      | Beryllium    |   |   |   |
| 15 005  | B       | Boron        |   |   |   |
| 16 006  | C       | Carbon       |   |   |   |
| 17 007  | N       | Nitrogen     |   |   |   |
| 18 008  | O       | Oxygen       |   |   |   |
| 19 009  | F       | Fluorine     |   |   |   |
| 20 010  | Ne      | Neon         |   |   |   |
| 21 011  | Na      | Sodium       |   |   |   |
| 22 012  | Mg      | Magnesium    |   |   |   |
| 23 013  | Al      | Aluminium    |   |   |   |
| 24 014  | Si      | Silicon      |   |   |   |
| 25 015  | P       | Phosphorus   |   |   |   |
| 26 016  | S       | Sulfur       |   |   |   |
| 27 017  | Cl      | Chlorine     |   |   |   |
| 28 018  | Ar      | Argon        |   |   |   |
| 29 019  | K       | Potassium    |   |   |   |
| 30 020  | Ca      | Calcium      |   |   |   |
| 31 021  | Sc      | Scandium     |   |   |   |
| 32 022  | Ti      | Titanium     |   |   |   |
| 33 023  | V       | Vanadium     |   |   |   |
| 34 024  | Cr      | Chromium     |   |   |   |
| 35 025  | Mn      | Manganese    |   |   |   |
| 36 026  | Fe      | Iron         |   |   |   |
| 37 027  | Co      | Cobalt       |   |   |   |
| 38 028  | Ni      | Nickel       |   |   |   |
| 39 029  | Cu      | Copper       |   |   |   |
| 40 030  | Zn      | Zinc         |   |   |   |
| 41 031  | Ga      | Gallium      |   |   |   |
| 42 032  | Ge      | Germanium    |   |   |   |
| 43 033  | As      | Arsenic      |   |   |   |
| 44 034  | Se      | Selenium     |   |   |   |
| 45 035  | Br      | Bromine      |   |   |   |
| 46 036  | Kr      | Krypton      |   |   |   |
| 47 037  | Rb      | Rubidium     |   |   |   |
| 48 038  | Sr      | Strontium    |   |   |   |
| 49 039  | Y       | Yttrium      |   |   |   |
| 50 040  | Zr      | Zirconium    |   |   |   |
| 51 041  | Nb      | Niobium      |   |   |   |
| 52 042  | Mo      | Molybdenum   |   |   |   |
| 53 043  | Tc      | Technetium   |   |   |   |
| 54 044  | Ru      | Ruthenium    |   |   |   |
| 55 045  | Rh      | Rhodium      |   |   |   |
| 56 046  | Pd      | Palladium    |   |   |   |
| 57 047  | Ag      | Silver       |   |   |   |
| 58 048  | Cd      | Cadmium      |   |   |   |
| 59 049  | In      | Indium       |   |   |   |
| 60 050  | Sn      | Tin          |   |   |   |
| 61 051  | Sb      | Antimony     |   |   |   |
| 62 052  | Te      | Tellurium    |   |   |   |
| 63 053  | I       | Iodine       |   |   |   |
| 64 054  | Xe      | Xenon        |   |   |   |
| 65 055  | Cs      | Caesium      |   |   |   |
| 66 056  | Ba      | Barium       |   |   |   |
| 67 057  | La      | Lanthanum    |   |   |   |
| 68 058  | Ce      | Cerium       |   |   |   |
| 69 059  | Pr      | Praseodymium |   |   |   |
| 70 060  | Nd      | Neodymium    |   |   |   |
| 71 061  | Pm      | Promethium   |   |   |   |
| 72 062  | Sm      | Samarium     |   |   |   |
| 73 063  | Eu      | Europium     |   |   |   |
| 74 064  | Gd      | Gadolinium   |   |   |   |
| 75 065  | Tb      | Terbium      |   |   |   |
| 76 066  | Dy      | Dysprosium   |   |   |   |
| 77 067  | Ho      | Holmium      |   |   |   |
| 78 068  | Er      | Erbium       |   |   |   |
| 79 069  | Tm      | Thulium      |   |   |   |
| 80 070  | Yb      | Ytterbium    |   |   |   |
| 81 071  | Lu      | Lutetium     |   |   |   |
| 82 072  | Hf      | Hafnium      |   |   |   |
| 83 073  | Ta      | Tantalum     |   |   |   |
| 84 074  | W       | Tungsten     |   |   |   |
| 85 075  | Re      | Rhenium      |   |   |   |
| 86 076  | Os      | Osmium       |   |   |   |
| 87 077  | Ir      | Iridium      |   |   |   |
| 88 078  | Pt      | Platinum     |   |   |   |
| 89 079  | Au      | Gold         |   |   |   |
| 90 080  | Hg      | Mercury      |   |   |   |
| 91 081  | Tl      | Thallium     |   |   |   |
| 92 082  | Pb      | Lead         |   |   |   |
| 93 083  | Bi      | Bismuth      |   |   |   |
| 94 084  | Po      | Polonium     |   |   |   |
| 95 085  | At      | Astatine     |   |   |   |
| 96 086  | Rn      | Radon        |   |   |   |
| 97 087  | Fr      | Francium     |   |   |   |
| 98 088  | Ra      | Radium       |   |   |   |
| 99 089  | Ac      | Actinium     |   |   |   |
| 100 090 | Th      | Thorium      |   |   |   |

|     |     |     |               |
|-----|-----|-----|---------------|
| 101 | 091 | Pa  | Protactinium  |
| 102 | 092 | U   | Uranium       |
| 103 | 093 | Np  | Neptunium     |
| 104 | 094 | Pu  | Plutonium     |
| 105 | 095 | Am  | Americium     |
| 106 | 096 | Cm  | Curium        |
| 107 | 097 | Bk  | Berkelium     |
| 108 | 098 | Cf  | Californium   |
| 109 | 099 | Es  | Einsteinium   |
| 110 | 100 | Fm  | Fermium       |
| 111 | 101 | Md  | Mendelevium   |
| 112 | 102 | No  | Nobelium      |
| 113 | 103 | Lr  | Lawrencium    |
| 114 | 104 | Rf  | Rutherfordium |
| 115 | 105 | Db  | Dubnium       |
| 116 | 106 | Sg  | Seaborgium    |
| 117 | 107 | Bh  | Bohrium       |
| 118 | 108 | Hs  | Hassium       |
| 119 | 109 | Mt  | Meitnerium    |
| 120 | 110 | Ds  | Darmstadtium  |
| 121 | 111 | Rg  | Roentgenium   |
| 122 | 112 | Cn  | Copernicium   |
| 123 | 113 | Uut | Ununtrium     |
| 124 | 114 | Uuq | Ununquadium   |
| 125 | 115 | Uup | Ununpentium   |
| 126 | 116 | Uuh | Ununhexium    |
| 127 | 118 | Uuo | Ununoctium    |