

Table (cont'd): Abundances of the stable isotopes (following [1])

| Z | A | E | Iso | Z | A | E | Iso | Z | A | E | Iso | Z | A | E | Iso |
|----|-----|----|------------|----|-----|----|-----------|----|-----|----|----------|----|-----|----|------------|
| 54 | 124 | Xe | 0.0952 3 | 62 | 144 | Sm | 3.07 7 | 69 | 169 | Tm | 100. | 76 | 190 | Os | 26.26 2 |
| | 126 | Xe | 0.0890 2 | | 147 | Sm | 14.99 18 | | | | | | 192 | Os | 40.78 19 |
| | 128 | Xe | 1.9102 8 | | 148 | Sm | 11.24 10 | 70 | 168 | Yb | 0.13 1 | | | | |
| | 129 | Xe | 26.4006 82 | | 149 | Sm | 13.82 7 | | 170 | Yb | 3.04 15 | 77 | 191 | Ir | 37.3 2 |
| | 130 | Xe | 4.0710 13 | | 150 | Sm | 7.38 1 | | 171 | Yb | 14.28 57 | | 193 | Ir | 62.7 2 |
| | 131 | Xe | 21.2324 30 | | 152 | Sm | 26.75 16 | | 172 | Yb | 21.83 67 | | | | |
| | 132 | Xe | 26.9086 33 | | 154 | Sm | 22.75 29 | | 173 | Yb | 16.13 27 | 78 | 190 | Pt | 0.014 1 |
| | 134 | Xe | 10.4357 21 | | | | | | 174 | Yb | 31.83 92 | | 192 | Pt | 0.782 7 |
| | 136 | Xe | 8.8573 44 | 63 | 151 | Eu | 47.81 6 | | 176 | Yb | 12.76 41 | | 194 | Pt | 32.967 99 |
| | | | | | 153 | Eu | 52.19 6 | | | | | | 195 | Pt | 33.832 10 |
| 55 | 133 | Cs | 100. | | | | | 71 | 175 | Lu | 97.41 2 | | 196 | Pt | 25.242 41 |
| | | | | 64 | 152 | Gd | 0.20 1 | | 176 | Lu | 2.59 2 | | 198 | Pt | 7.163 55 |
| 56 | 130 | Ba | 0.106 1 | | 154 | Gd | 2.18 3 | | | | | | | | |
| | 132 | Ba | 0.101 1 | | 155 | Gd | 14.80 12 | 72 | 174 | Hf | 0.16 1 | 79 | 197 | Au | 100. |
| | 134 | Ba | 2.417 18 | | 156 | Gd | 20.47 9 | | 176 | Hf | 5.26 7 | | | | |
| | 135 | Ba | 6.592 12 | | 157 | Gd | 15.65 2 | | 177 | Hf | 18.60 9 | 80 | 196 | Hg | 0.15 1 |
| | 136 | Ba | 7.854 24 | | 158 | Gd | 24.84 7 | | 178 | Hf | 27.28 7 | | 198 | Hg | 9.97 20 |
| | 137 | Ba | 11.232 24 | | 160 | Gd | 21.86 19 | | 179 | Hf | 13.62 2 | | 199 | Hg | 16.87 22 |
| | 138 | Ba | 71.698 42 | | | | | | 180 | Hf | 35.08 16 | | 200 | Hg | 23.10 19 |
| | | | | 65 | 159 | Tb | 100. | | | | | | 201 | Hg | 13.18 9 |
| 57 | 138 | La | 0.090 1 | | | | | 73 | 180 | Ta | 0.012 2 | | 202 | Hg | 29.86 26 |
| | 139 | La | 99.910 1 | 66 | 156 | Dy | 0.056 3 | | 181 | Ta | 99.988 2 | | 204 | Hg | 6.87 15 |
| | | | | | 158 | Dy | 0.095 3 | | | | | | | | |
| 58 | 136 | Ce | 0.185 2 | | 160 | Dy | 2.329 18 | 74 | 180 | W | 0.12 1 | 81 | 203 | Tl | 29.52 1 |
| | 138 | Ce | 0.251 2 | | 161 | Dy | 18.889 42 | | 182 | W | 26.50 16 | | 205 | Tl | 70.48 1 |
| | 140 | Ce | 88.450 51 | | 162 | Dy | 25.475 36 | | 183 | W | 14.31 4 | | | | |
| | 142 | Ce | 11.114 51 | | 163 | Dy | 24.896 42 | | 184 | W | 30.64 2 | 82 | 204 | Pb | 1.4 1 |
| | | | | | 164 | Dy | 24.896 42 | | 186 | W | 28.43 19 | | 206 | Pb | 24.1 1 |
| 59 | 141 | Pr | 100. | | | | | | | | | | 207 | Pb | 22.1 1 |
| | | | | 67 | 165 | Ho | 100. | 75 | 185 | Re | 37.40 2 | | 208 | Pb | 52.4 1 |
| 60 | 142 | Nd | 27.2 5 | | | | | | 187 | Re | 62.60 2 | | | | |
| 1 | 43 | Nd | 12.2 2 | 68 | 162 | Er | 0.139 5 | | | | | 83 | 209 | Bi | 100. |
| 1 | 44 | Nd | 23.8 3 | | 164 | Er | 1.601 3 | 76 | 184 | Os | 0.02 1 | | | | |
| 1 | 45 | Nd | 8.3 1 | | 166 | Er | 33.503 36 | | 186 | Os | 1.59 3 | 90 | 232 | Th | 100. |
| 1 | 46 | Nd | 17.2 3 | | 167 | Er | 22.869 9 | | 187 | Os | 1.96 2 | | | | |
| 1 | 48 | Nd | 5.7 1 | | 168 | Er | 26.978 18 | | 188 | Os | 13.24 8 | 92 | 234 | U | 0.0054 5 |
| 1 | 50 | Nd | 5.6 2 | | 170 | Er | 14.910 36 | | 189 | Os | 16.15 5 | | 235 | U | 0.7204 6 |
| | | | | | | | | | | | | | 238 | U | 99.2742 10 |

Reference

- [1] *Isotopic Compositions of the Elements, 2001*, J.K. Böhlke, J.R. de Laeter, P. de Bièvre, H. Hidaka, H.S. Peiser, K. J.R. Rosman, P.D.P. Taylor, *J. Phys. Chem. Ref. Data*, **34** (2005) 57.