
















| URANIUM 238 (U238) RADIOACTIVE DECAY | | |
|---|--|------------------------------|
| type of radiation | nuclide | half-life |
| |  uranium—238 | 4.5×10^9 years |
| α |  thorium—234 | 24.5 days |
| β |  protactinium—234 | 1.14 minutes |
| β |  uranium—234 | 2.33×10^5 years |
| α |  thorium—230 | 8.3×10^4 years |
| α |  radium—226 | 1590 years |
| α |  radon—222 | 3.825 days |
| α |  polonium—218 | 3.05 minutes |
| α |  lead—214 | 26.8 minutes |
| β |  bismuth—214 | 19.7 minutes |
| β |  polonium—214 | 1.5×10^{-4} seconds |
| α |  lead—210 | 22 years |
| β |  bismuth—210 | 5 days |
| β |  polonium—210 | 140 days |
| α |  lead—206 | stable |