

**Tabuka č. 2**

**Materské rádionuklidy, pri ktorých sú hodnoty aktivity a hmotnostnej aktivity uvedené v tabuke č. 1 stanovené v rovnováhe s ich produktmi rádioaktívnej premeny**

| Materský rádionuklid | Produkty rádioaktívnej premeny (dcérske rádionuklidy)  |
|----------------------|--|
| Sr-90                | Y-90   |
| Zr-93                | Nb-93 m  |
| Zr-97                | Nb-97  |
| Ru-106               | Rh-106   |
| Ag-108 m             | Ag-108   |
| Cs-137               | Ba-137 m   |
| Ba-140               | La-140   |
| Ce-134               | La-134   |
| Ce-144               | Pr-144   |
| Pb-210               | Bi-210, Po-210   |
| Bi-212               | Tl-208 (0,36), Po-212 (0,64)   |
| Pb-212               | Bi-212, Tl-208 (0,36), Po-212 (0,64)   |
| Rn-220               | Po-216   |
| Rn-222               | Po-218, Pb-214, Bi-214, Po-214   |
| Ra-223               | Rn-219, Po-215, Pb-211, Bi-211, Tl-207   |
| Ra-224               | Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)   |
| Ra-226               | Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210   |
| Ra-228               | Ac-228   |
| Th-226               | Ra-222, Rn-218, Po-214   |
| Th-228               | Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)                                   |
| Th-229               | Ra-225, Ac-225, Fr-221, At-217, Bi-213, Po-213, Pb-209   |
| prírodné Th          | Ra-228, Ac-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)           |
| Th-234               | Pa-234 m   |
| U-230                | Th-226, Ra-222, Rn-218, Po-214   |
| U-232                | Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0,36), Po-212 (0,64)                           |
| U-235                | Th-231   |
| U-238                | Th-234, Pa-234 m   |
| prírodný U           | Th-234, Pa-234m, U-234, Th-230, Ra-226, Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210 |
| U-240                | Np-240 m   |
| Np-237               | Pa-233   |
| Am-242 m             | Am-242   |
| Am-243               | Np-239   |