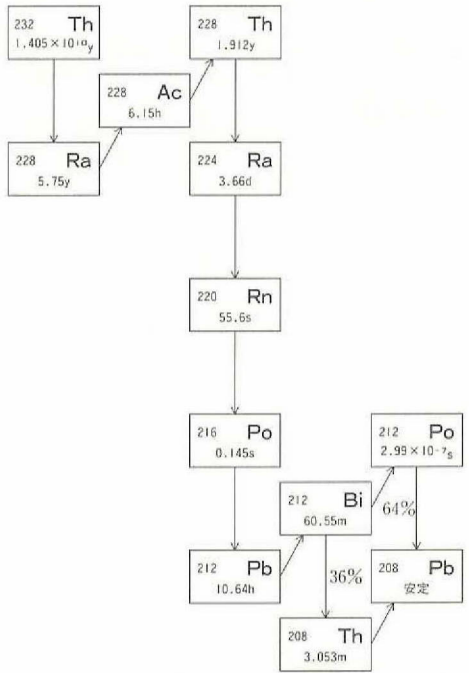
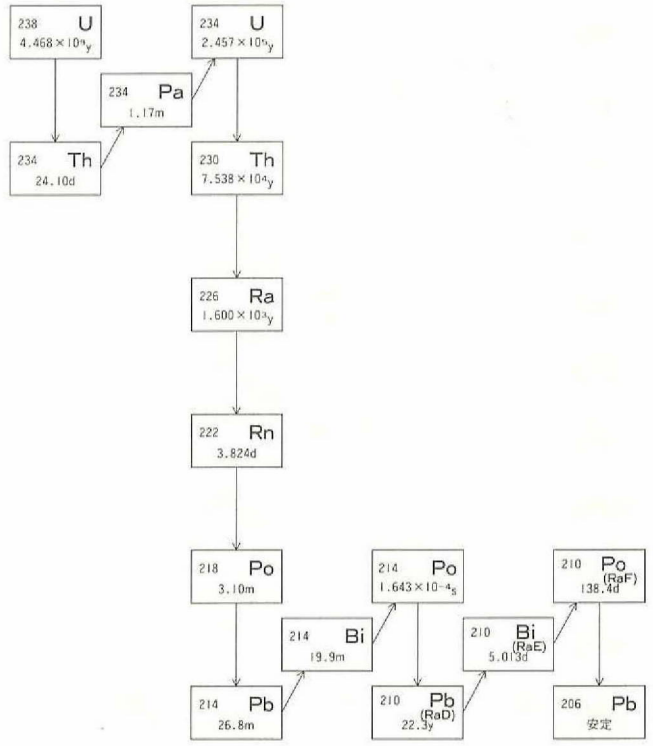


- 92U
- 91Pa
- 90Th
- 89Ac
- 88Ra
- 87Fr
- 86Rn
- 85At
- 84Po
- 83Bi
- 82Pb
- 81Tl

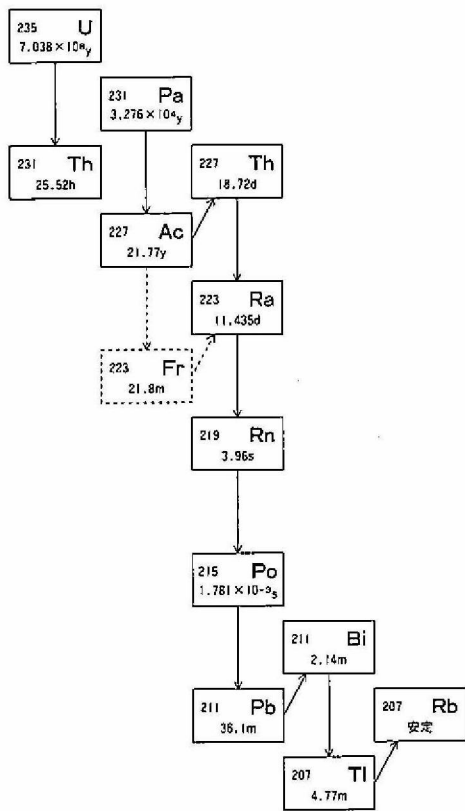


トリウム系列 4n 系列

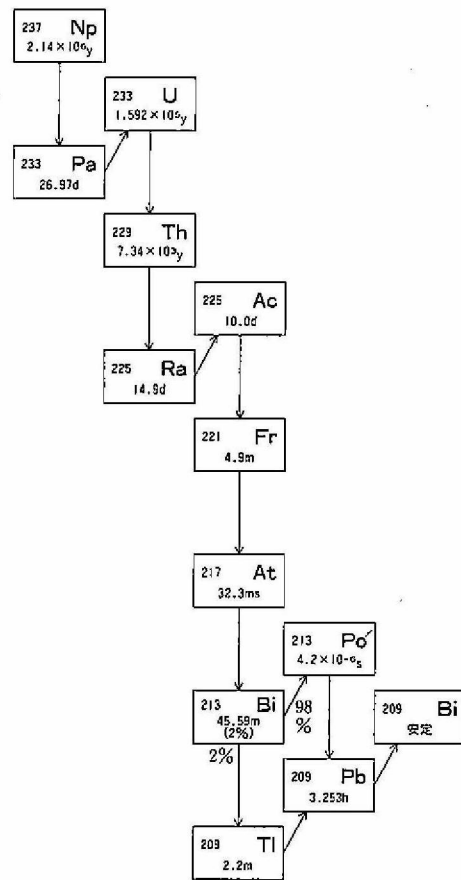


ウラン系列 (4n+2) 系列

- 93Np
- 92U
- 91Pa
- 90Th
- 89Ac
- 88Ra
- 87Fr
- 86Rn
- 85At
- 84Po
- 83Bi
- 82Pb
- 81Tl



アクチニウム系列 (4n+3) 系列



ネプツニウム系列 (4n+1) 系列