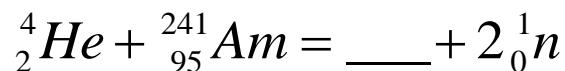
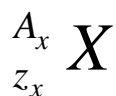


Answer on Question #73494 – Chemistry – Organic Chemistry

Task:



Solution:



$$A_x + 2 * A(n) = A(\text{Am}) + A(\text{He});$$

$$A_x + 2 * 1 = 241 + 4;$$

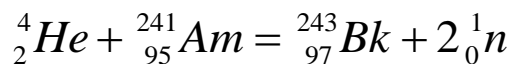
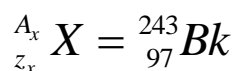
$$A_x = 245 - 2 = 243.$$

$$z_x + 2 * z(n) = z(\text{Am}) + z(\text{He});$$

$$z_x + 2 * 0 = 95 + 2;$$

$$z_x = 97 - 0 = 97.$$

Then,



Answer: ${}^{243}_{97}\text{Bk} - \text{Berkelium};$

