Two cases:

1. spontaneous fission

FORM OF PADIOACTIVE DECAY SOME HEAVY NUCLEI ARE UNSTABLE

2. <u>induced fission</u> $M + \frac{A}{Z} \times \longrightarrow \mathbb{R}$ $A^{M} \times X^{*} \longrightarrow \mathbb{R}$ $Z \times \longrightarrow \mathbb{R}$ $Z \times \longrightarrow \mathbb{R}$