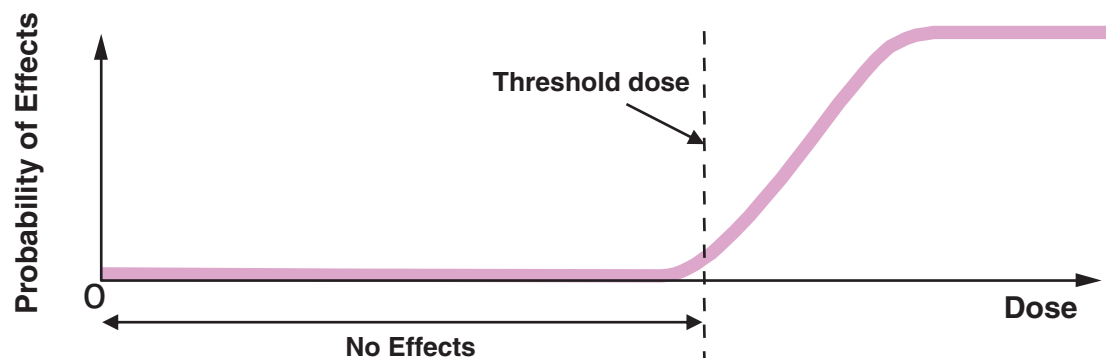


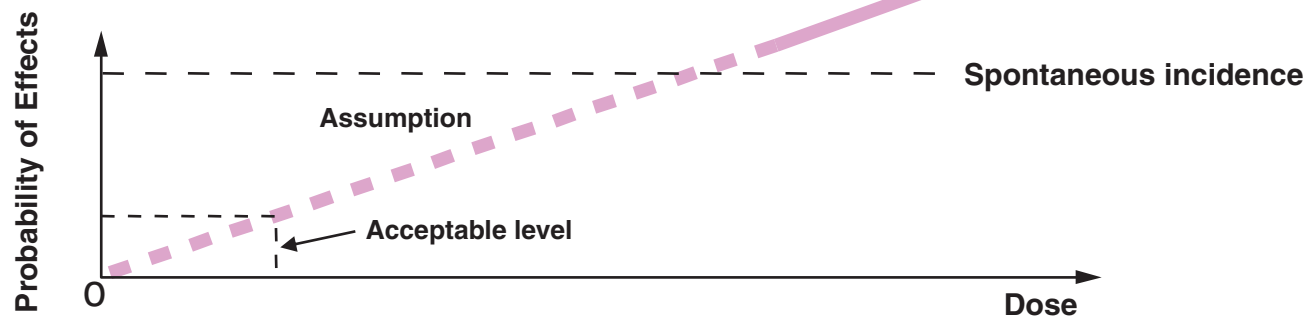
# Principles of Protection from Radiation

Below the threshold dose\* for deterministic effects, the effect of radiation is suppressed and/or eliminated. For stochastic effects, the assumption is that there is no threshold dose below which radiation can be suppressed and be relatively certain that an adverse effect cannot occur.

[Deterministic effects (tissue reactions): hair loss, cataracts, etc.]



[Stochastic effects: cancer, leukemia, etc.]



\*Threshold dose: value that constitutes a turning point at which a reaction occurs or not.