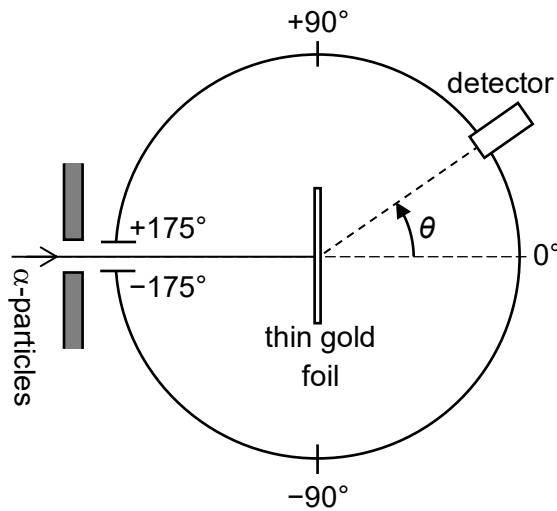


- 28 In an α -particle scattering experiment, a student set up the apparatus below to determine the number N of α -particle incident per unit time on a detector held at various angles θ .



Which graph best represents the variation of N with θ ?

