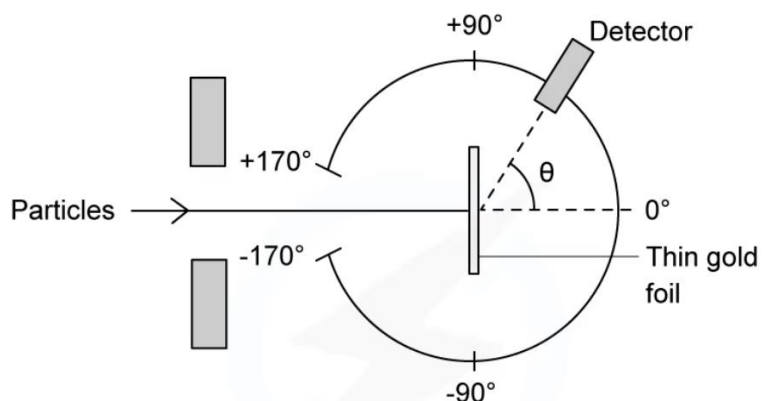


- 29 In repeating Rutherford's alpha particle scattering experiment, a student used the apparatus shown, in a vacuum, to determine n the number of alpha particles incident per unit time on a detector held at various angular positions θ .



Which graph best represents the variation of n with θ ?

