

A beam of hydrogen nuclei is directed into an electric field and is deflected by it.

Diagram 1 shows an electric field in the plane of the paper. Diagram 2 shows an electric field directed perpendicular to the plane of the paper.

The lines **A**, **B**, **C** and **D** represent possible paths of the hydrogen nuclei beam. All paths are in the plane of the paper. Which line best represents the path of the nuclei inside the field?

