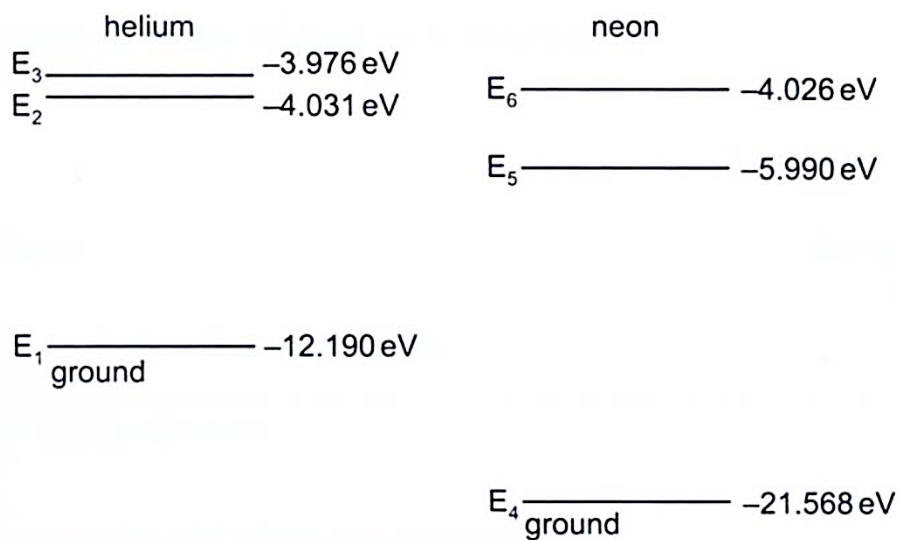


- 29** The diagram shows some of the energy levels of helium and neon. The elements are the major constituents in a laser that emits red light.



Which transition between the labelled levels gives rise to the emission of the laser light?

- A**  $E_3$  to  $E_2$       **B**  $E_6$  to  $E_5$       **C**  $E_2$  to  $E_1$       **D**  $E_5$  to  $E_4$