

39 The table shows three properties of different types of ionising radiation.

	X	Y	Z
charge	0	$-1e$	$+2e$
mass	0	$\frac{1}{1840}u$	$4u$
speed	c	$\sim 0.9c$	$\sim 0.1c$

What are the radiations **X**, **Y** and **Z**?

	X	Y	Z
A	alpha	beta	X-rays
B	gamma	alpha	beta
C	gamma	beta	alpha
D	X-rays	alpha	beta

40 Which conclusion can be drawn from the results of the experiment showing the scattering of