

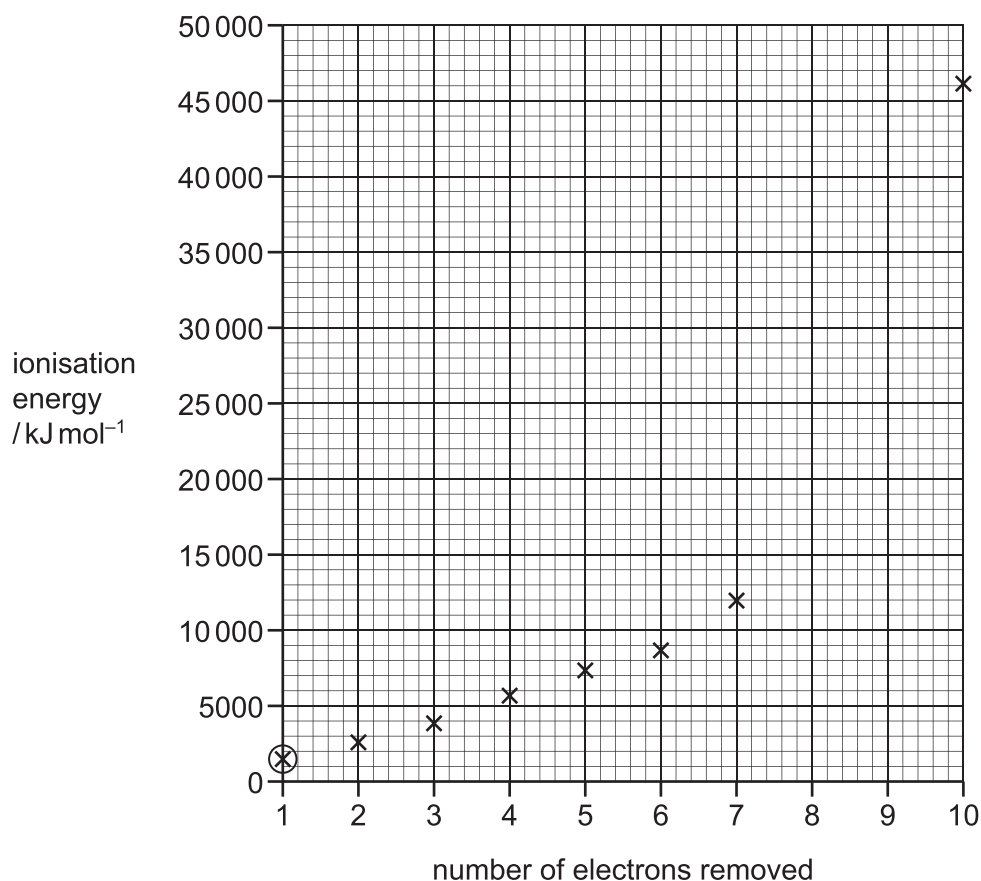
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SMART EXAM RESOURCES
9701 CAMBRIDGE AS CHEMISTRY
TOPIC QUESTIONS AND MARK SCHEMES
TOPIC : ATOMIC STRUCTURE

SUB-TOPIC: SHAPE OF ORBITALS

SET-2-QP-MS

1 The graph shows successive ionisation energies for the element argon.



The energy value required to remove the first electron from an atom of argon is circled on the graph.

Sketch the shape of the orbital that contains this electron.

[1]

MARK SCHEME:

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