



Electronic Structure

Work through this tutorial in sequence,
or go directly to the section required using the links below.
Use the 'home' button (to right) to return to this screen.

[Energy levels within atoms: sub-levels and orbitals](#)

[Filling energy levels with electrons](#)

[Electronic configuration notation](#)

[Ionisation](#)

[Credits](#)

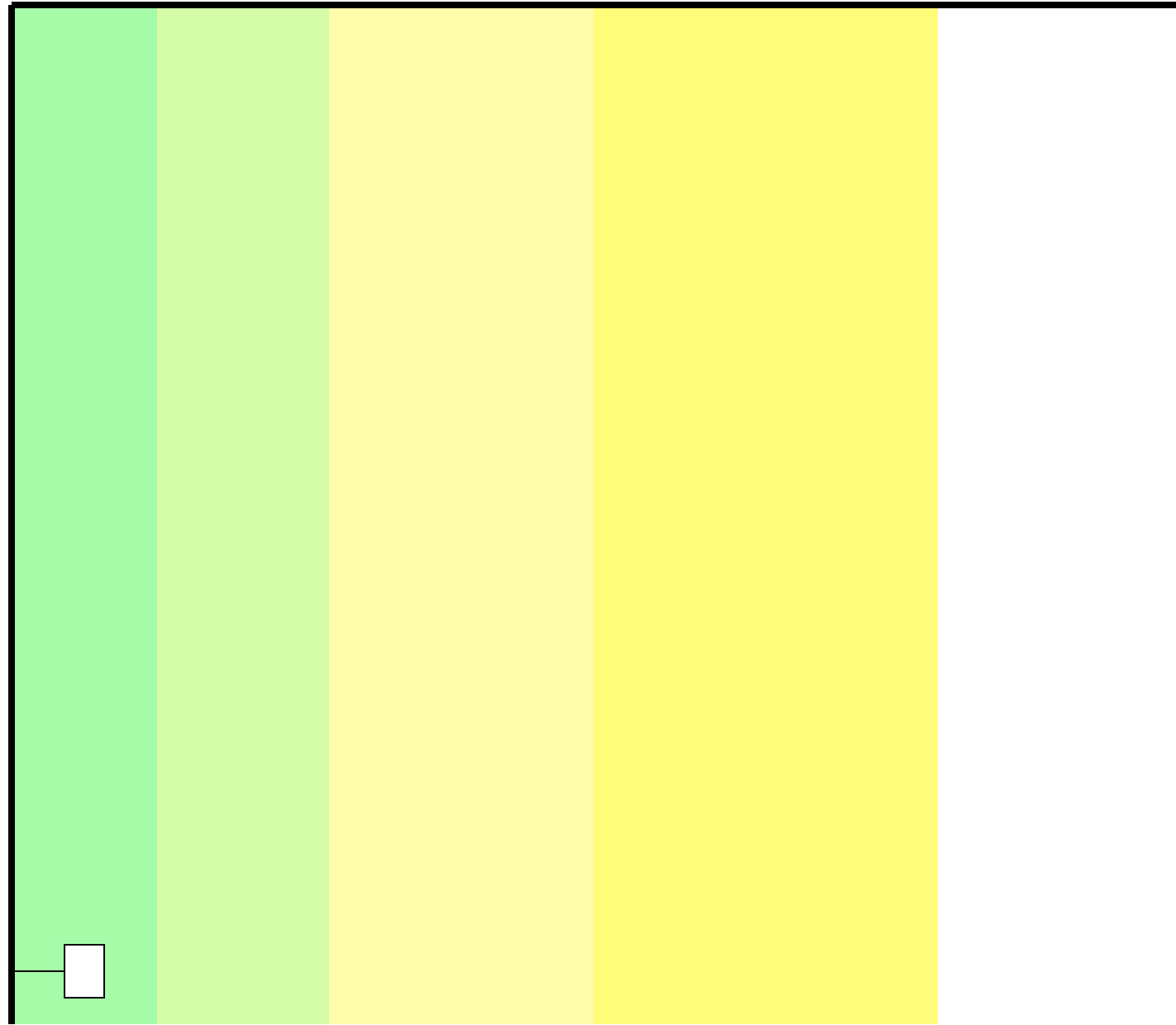


Relative
energy levels
of electrons
in gaseous
atoms of the
first twenty
elements

s p d f

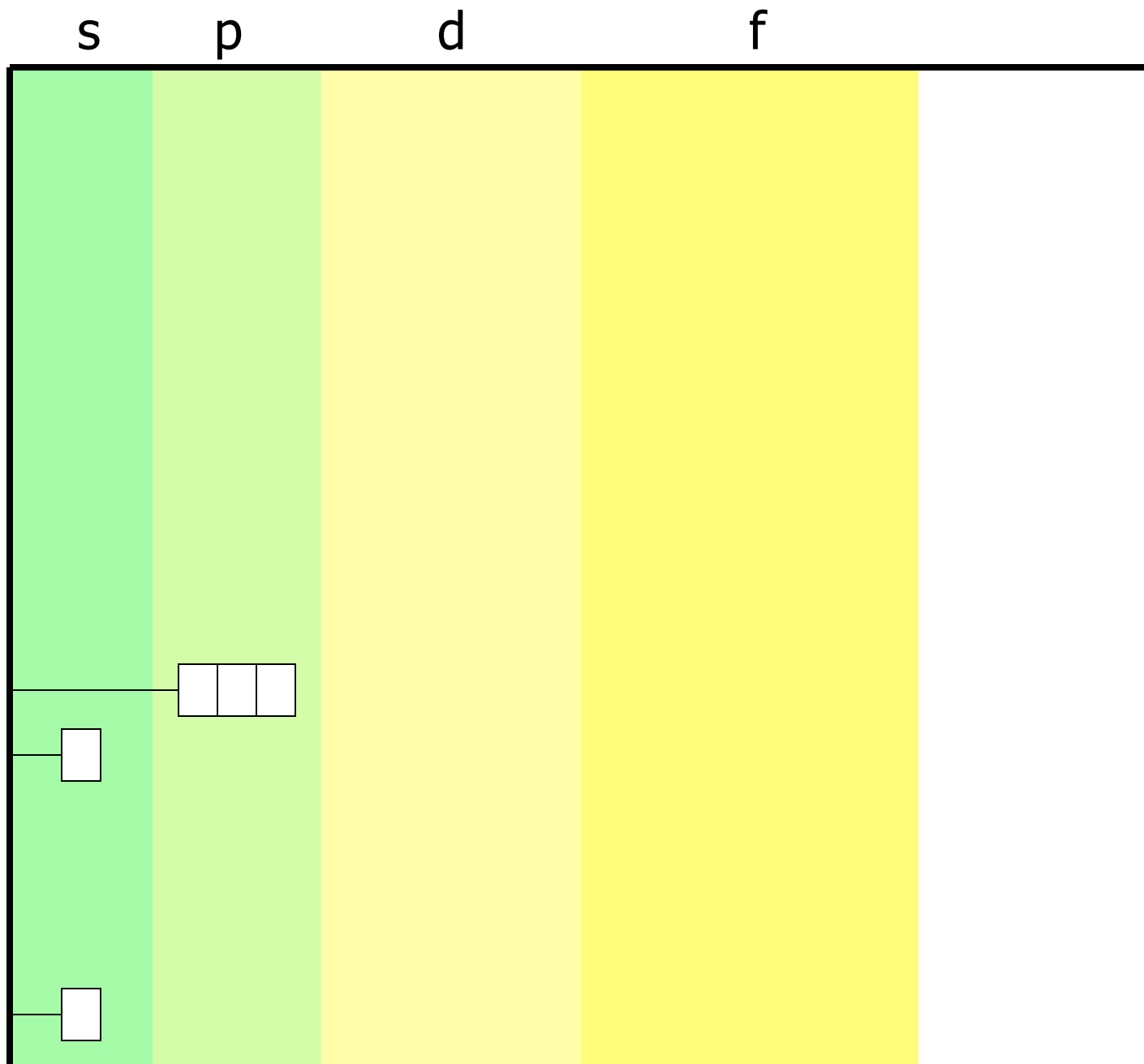
Increasing
energy

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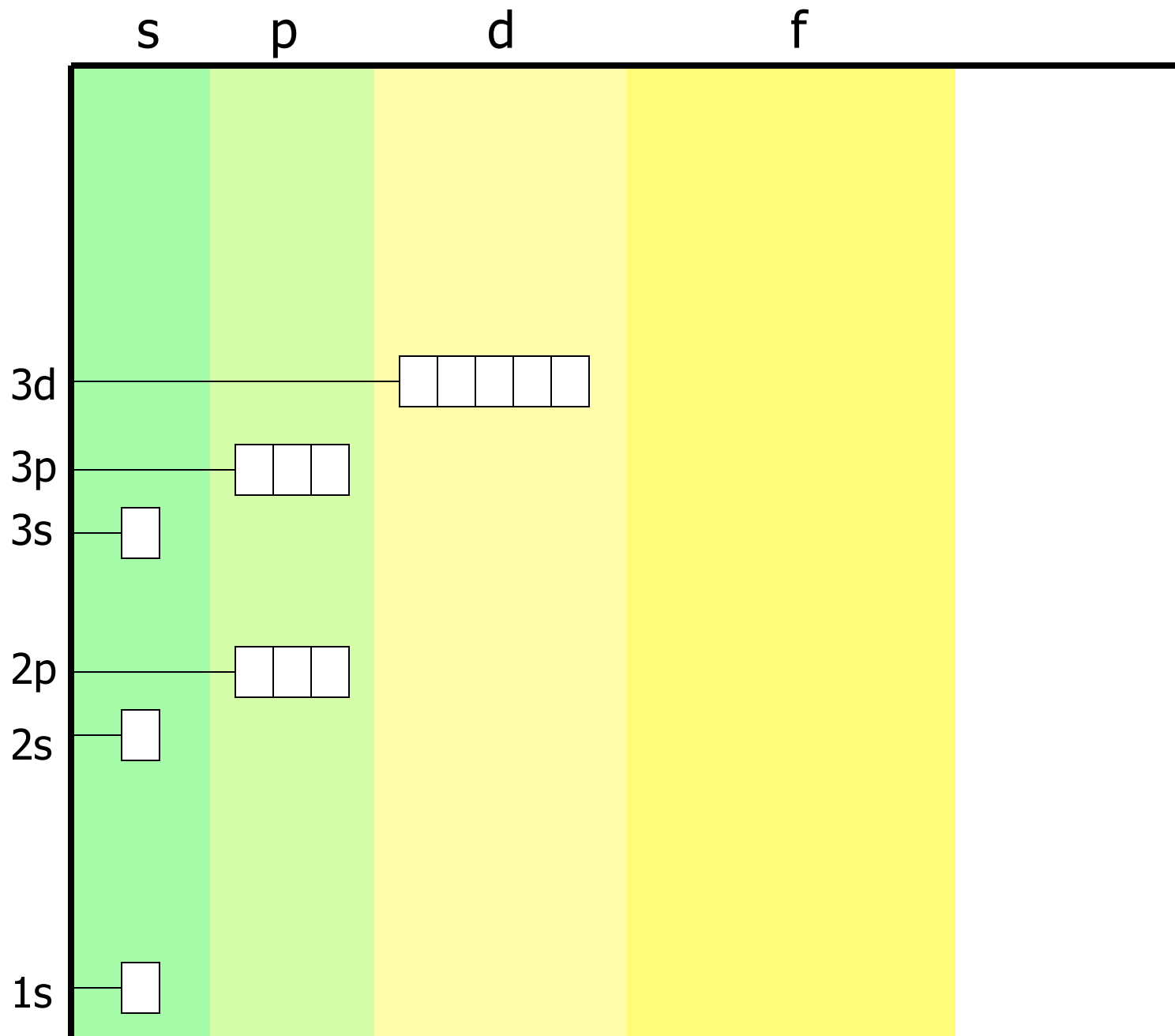


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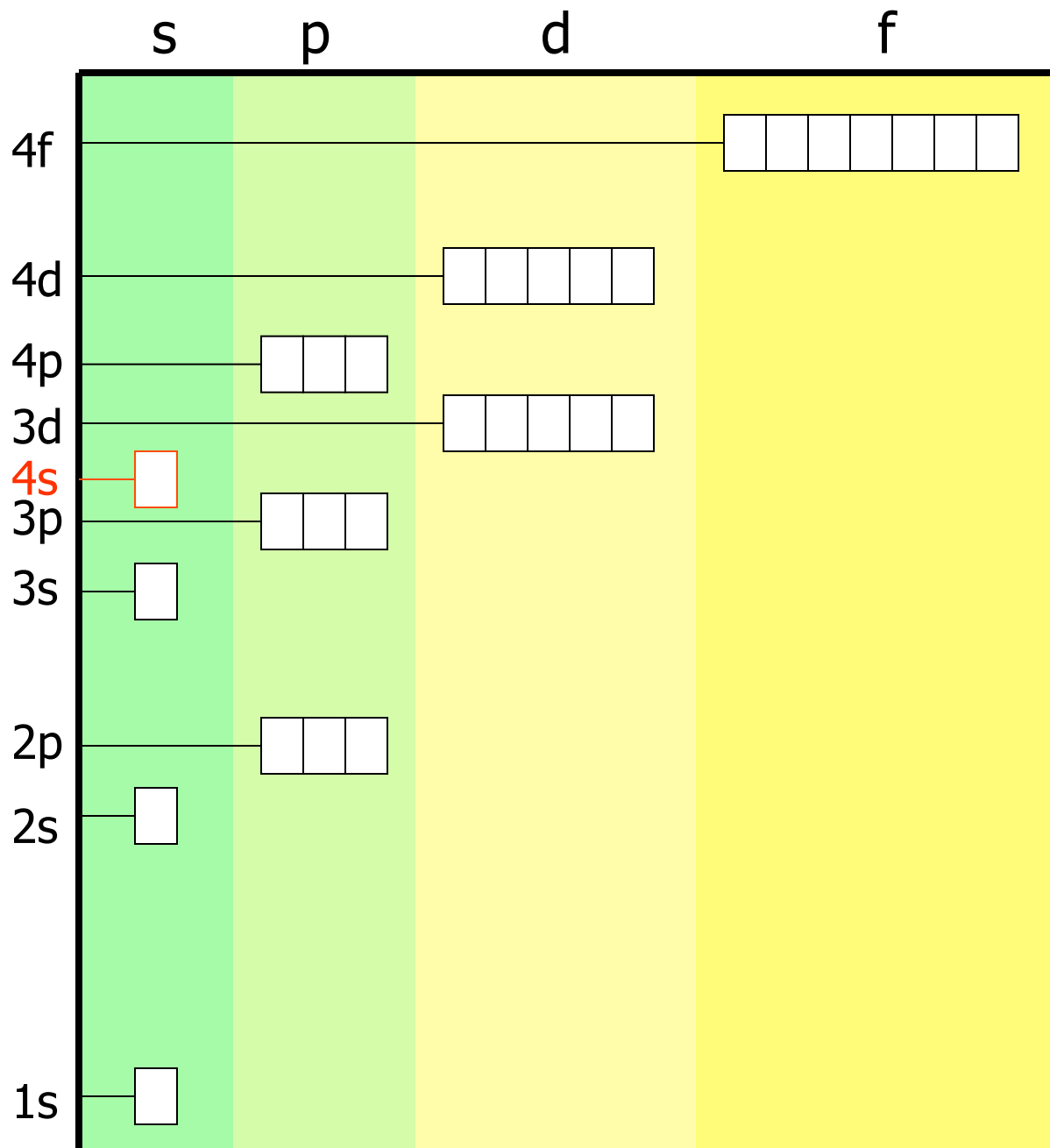


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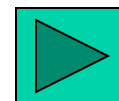
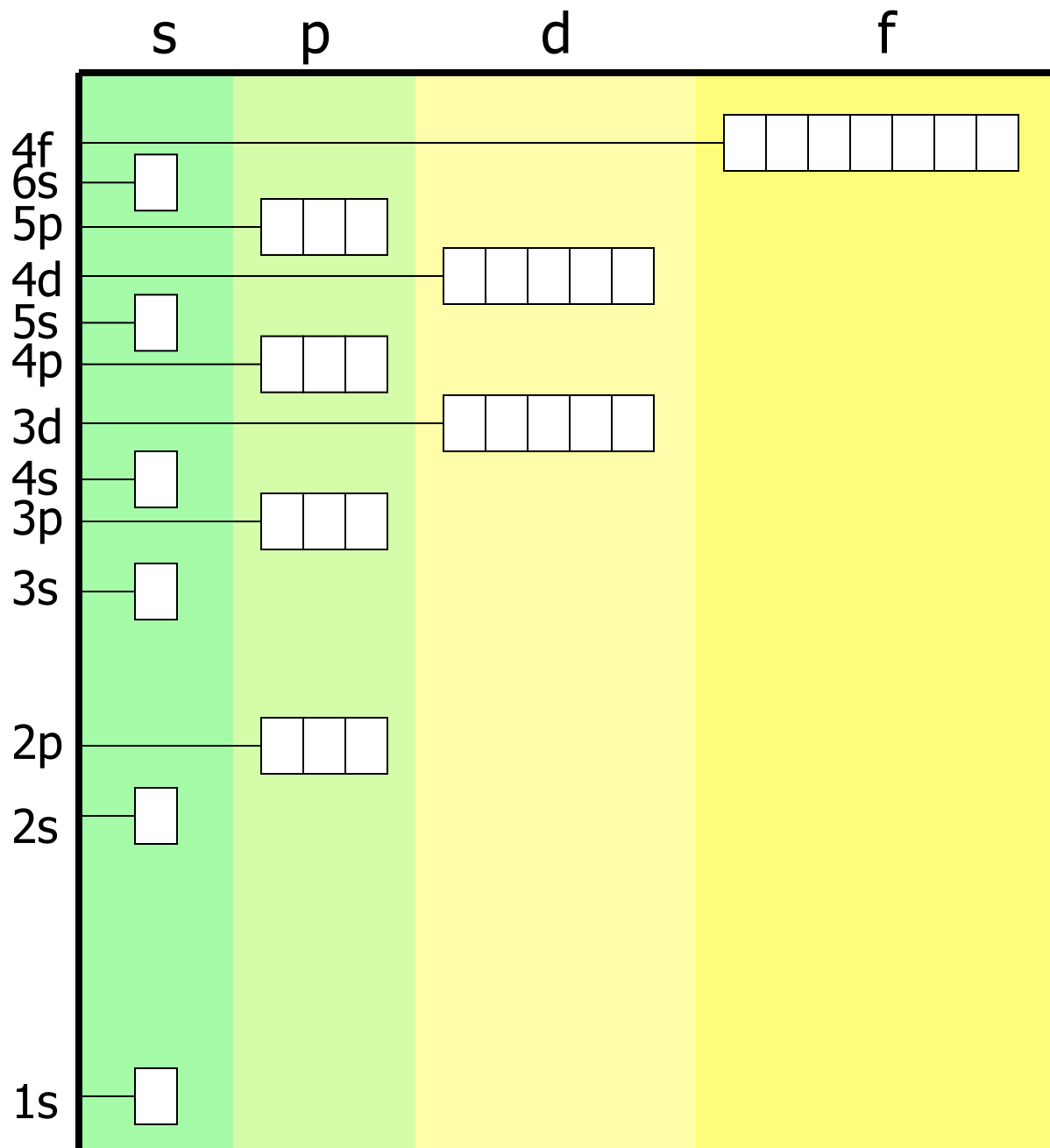


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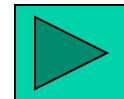
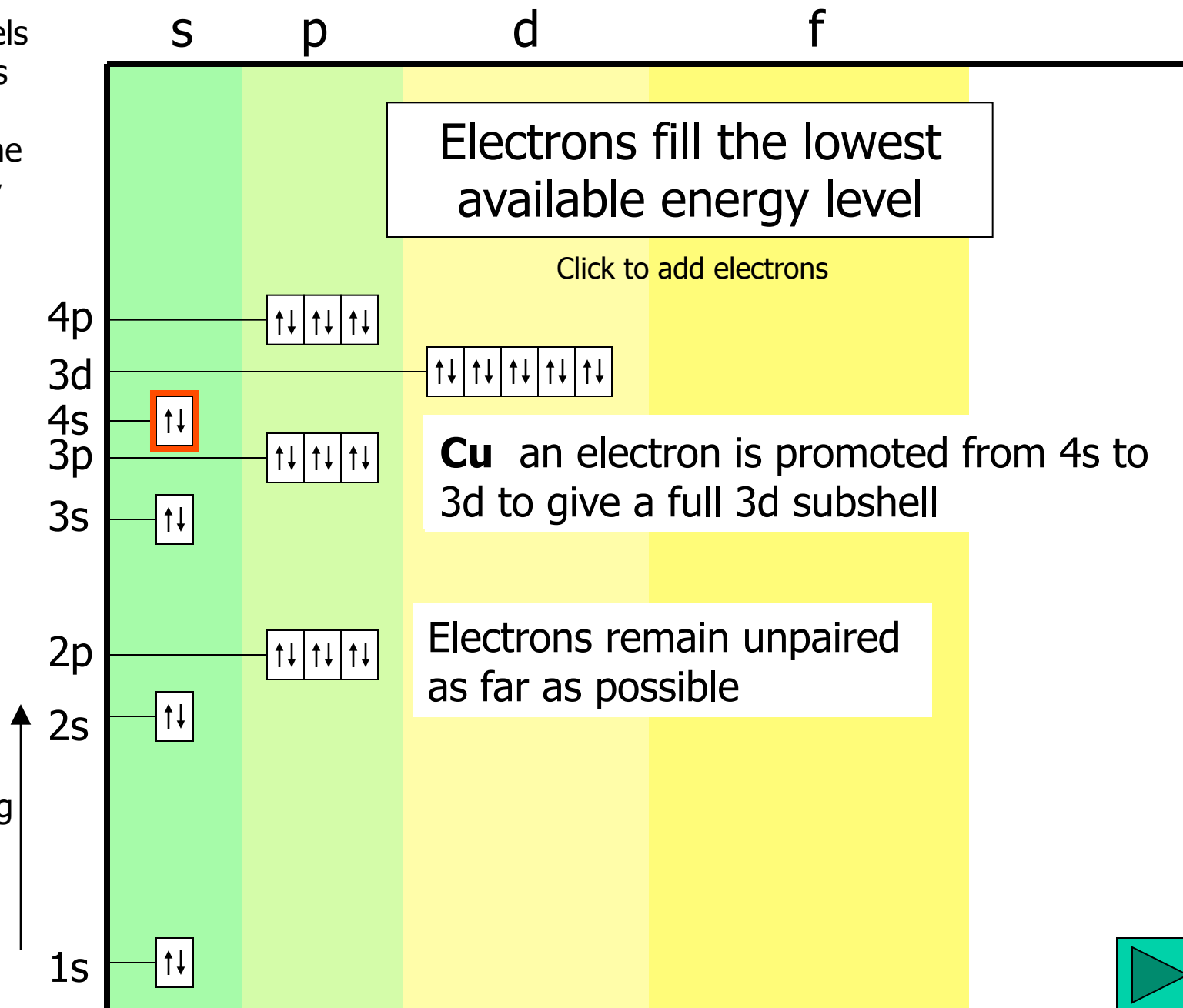


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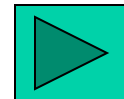
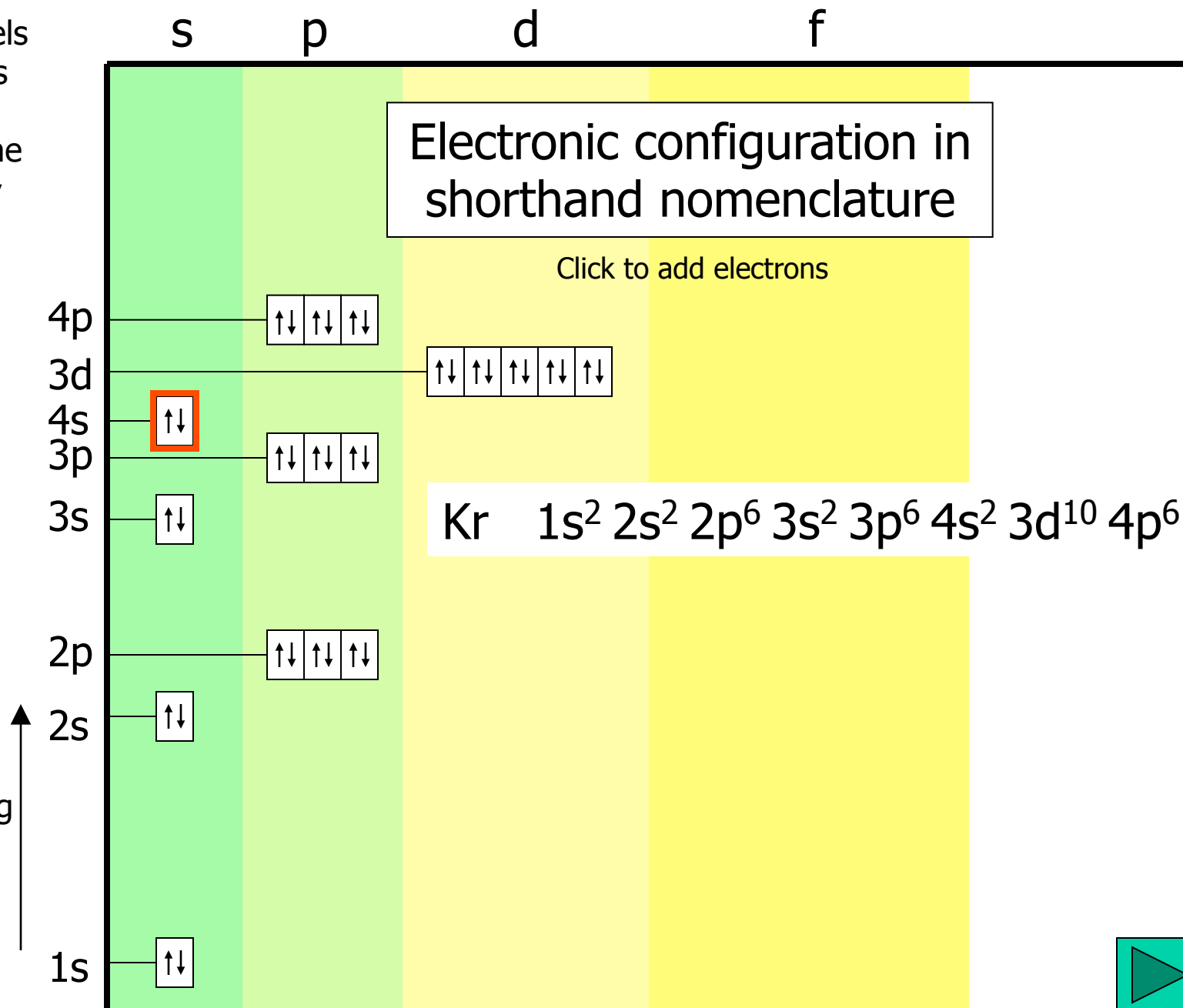


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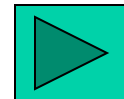
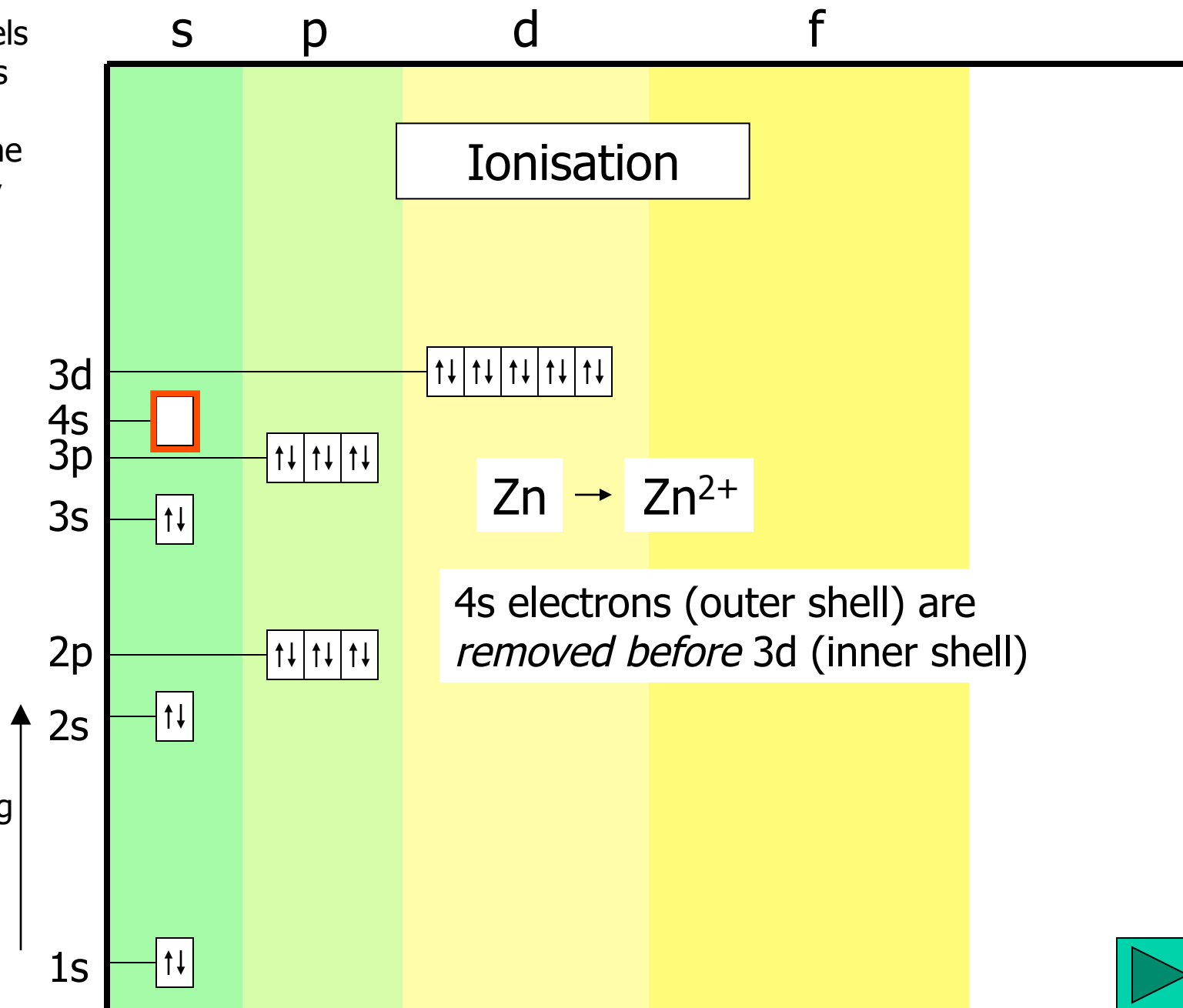


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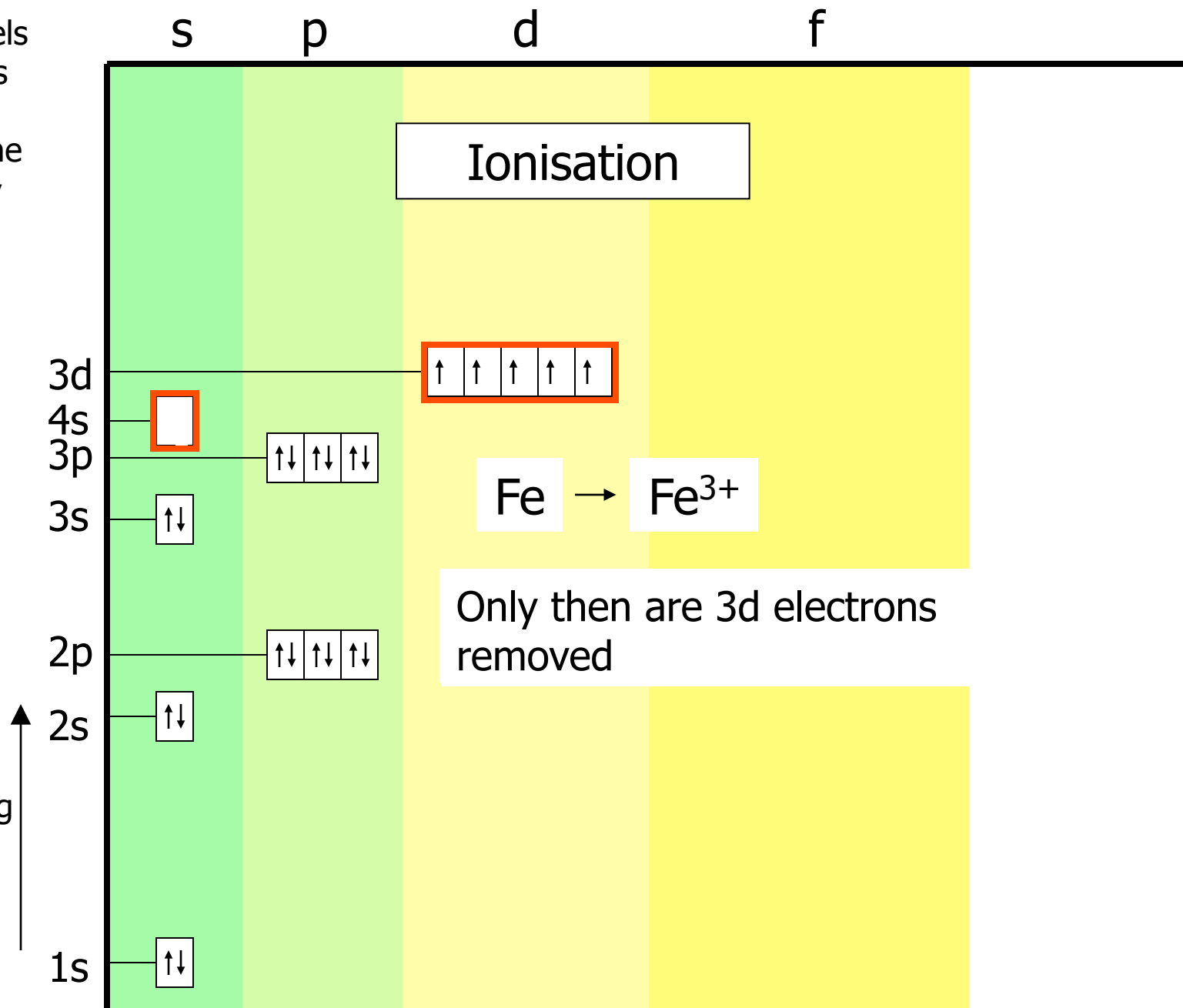


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