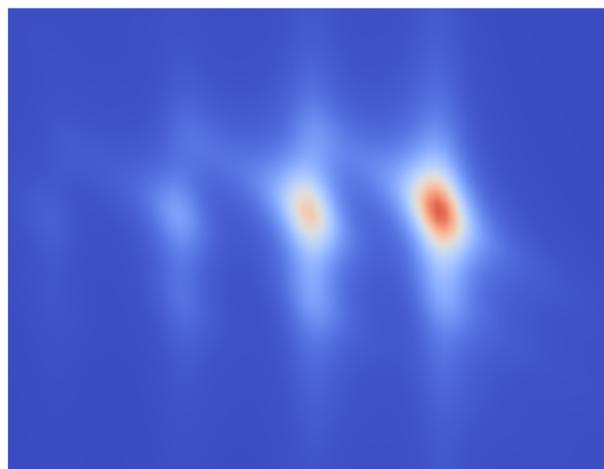


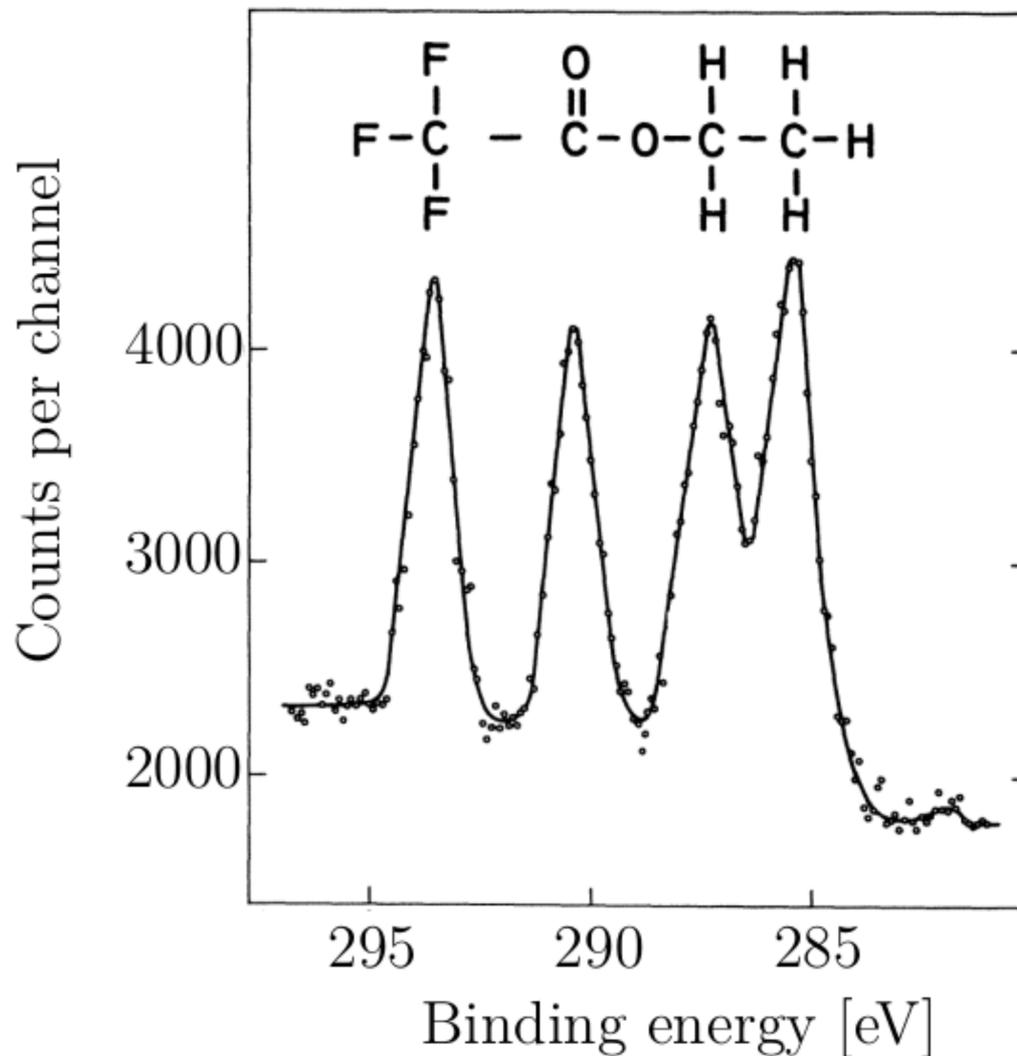
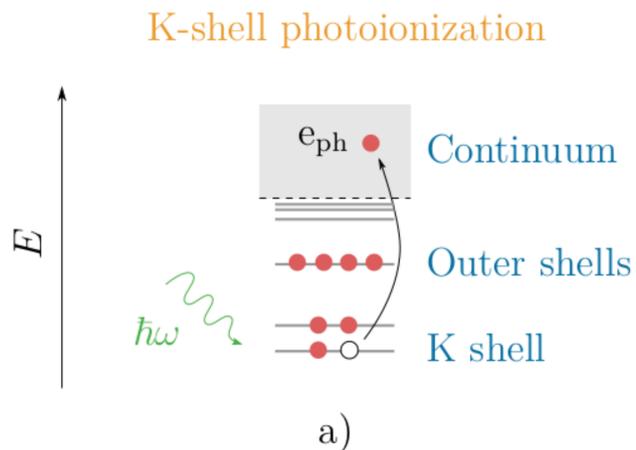
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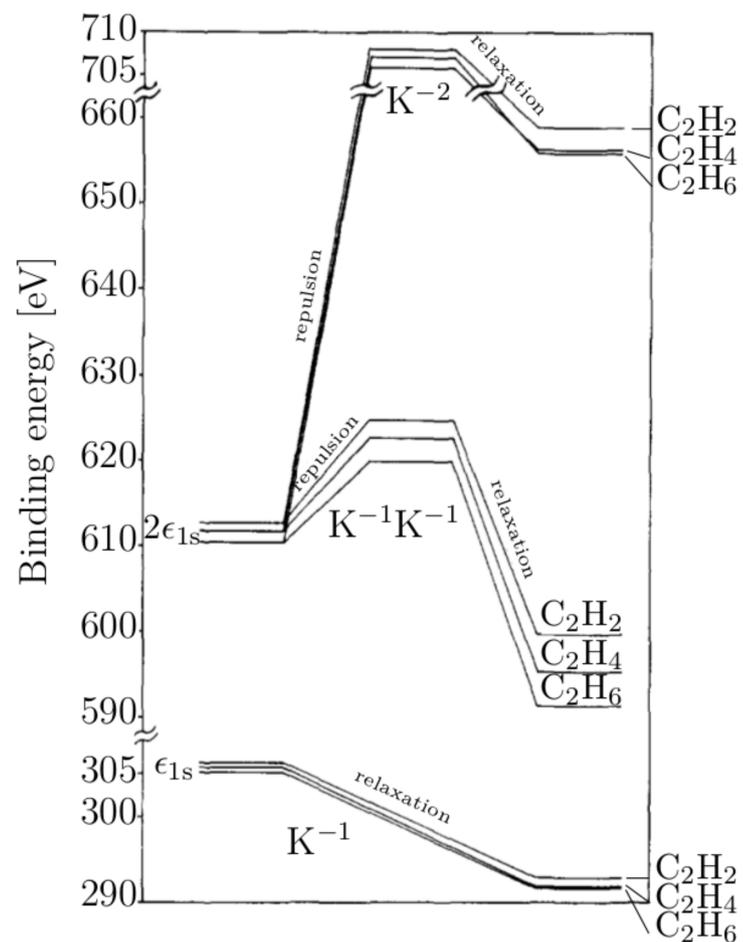


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Single Core Hole Spectroscopy (XPS, ESCA)



Double Core Hole Spectroscopy



Cederbaum et al. J. Chem. Phys. **85**, 6513 (1986)

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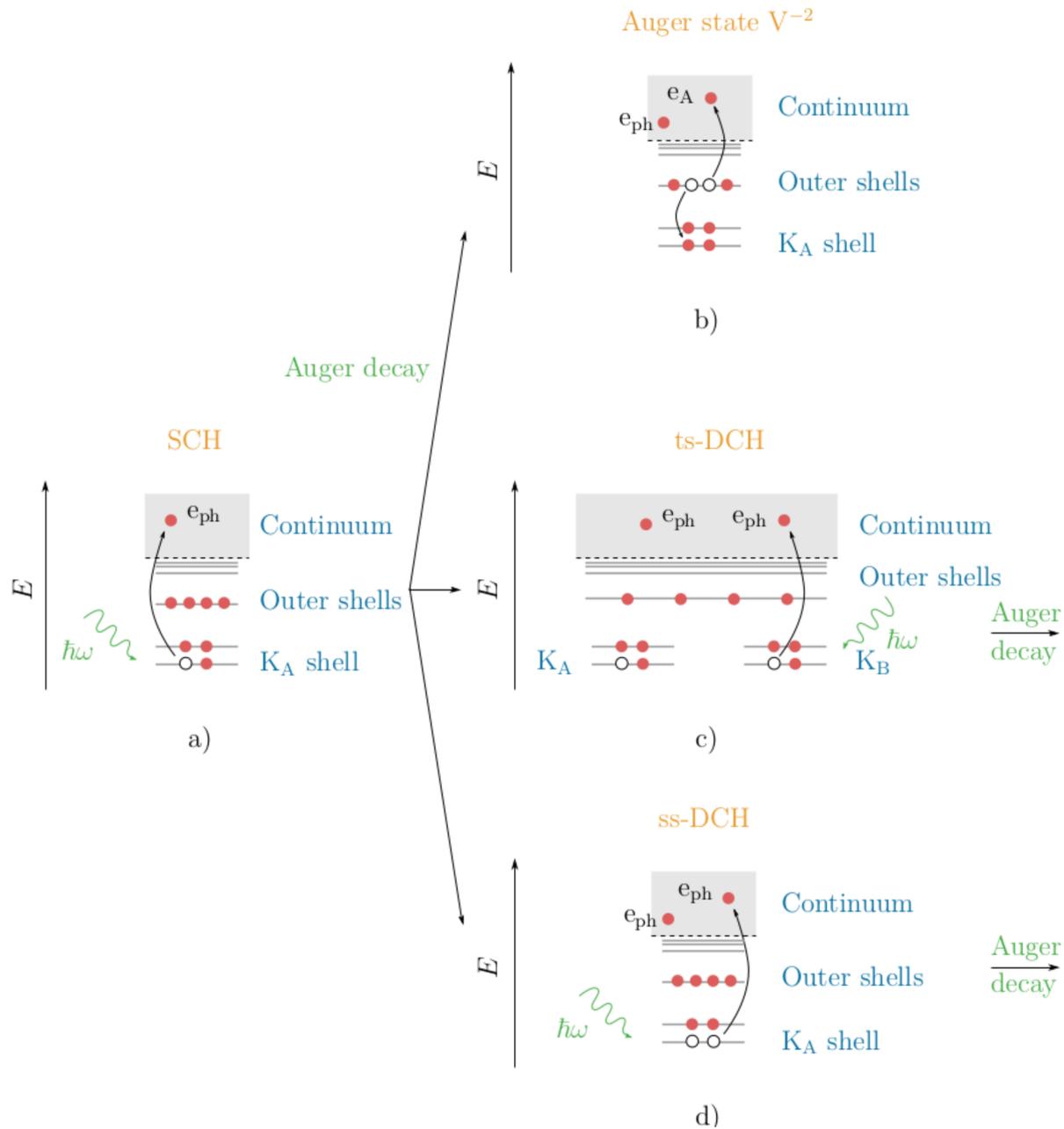
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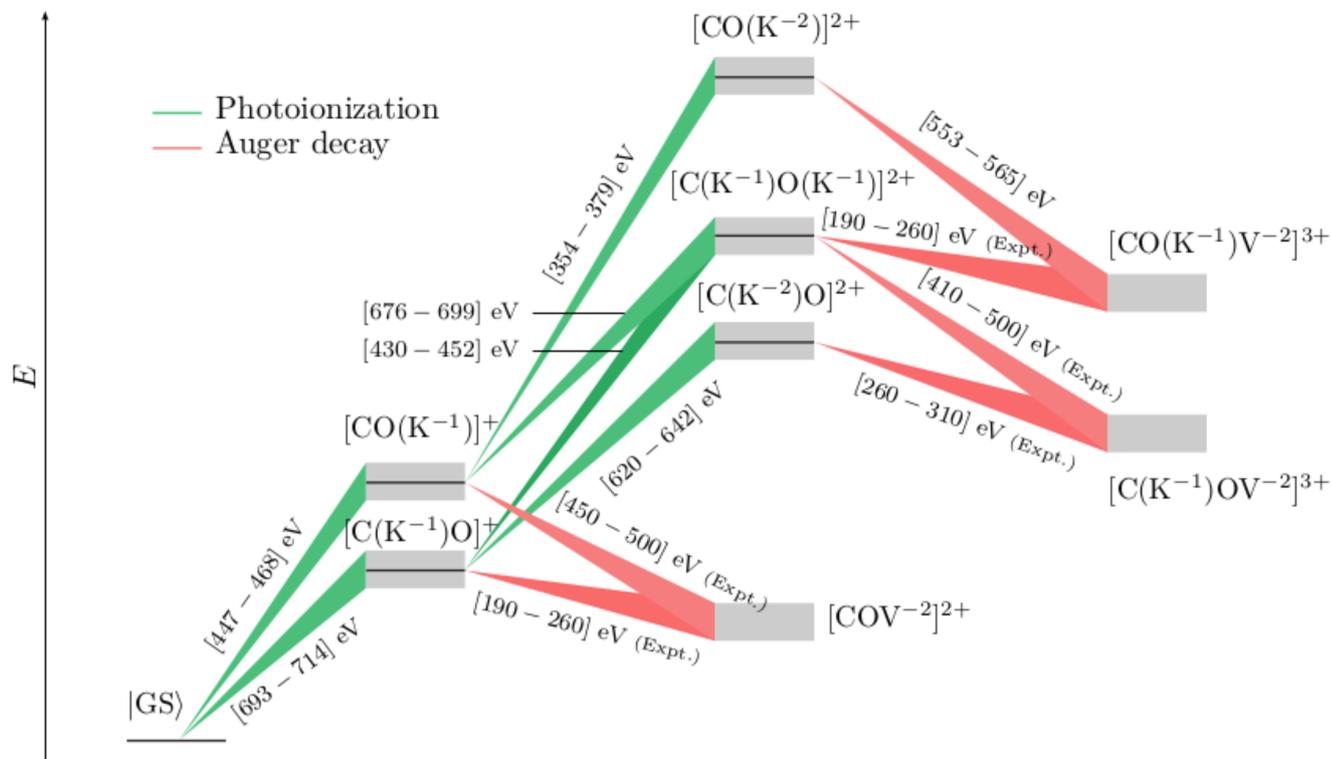
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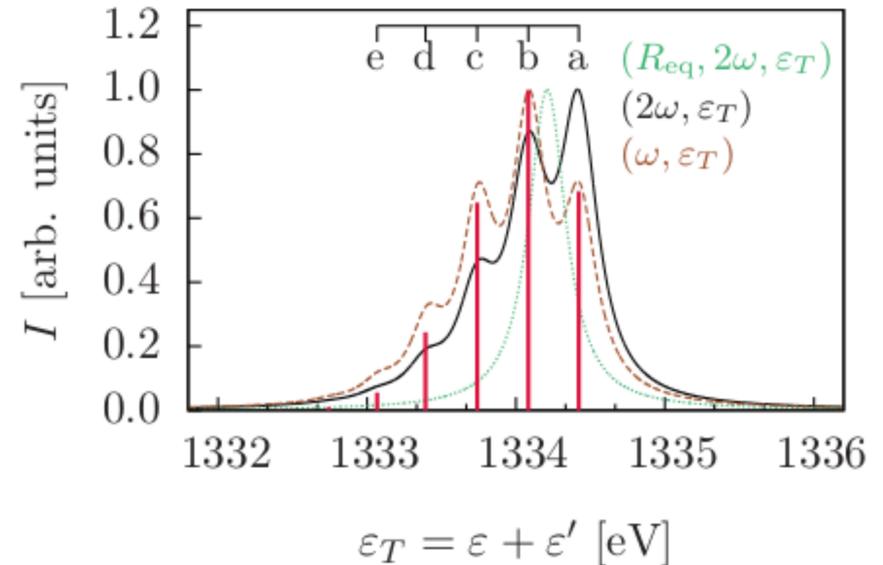
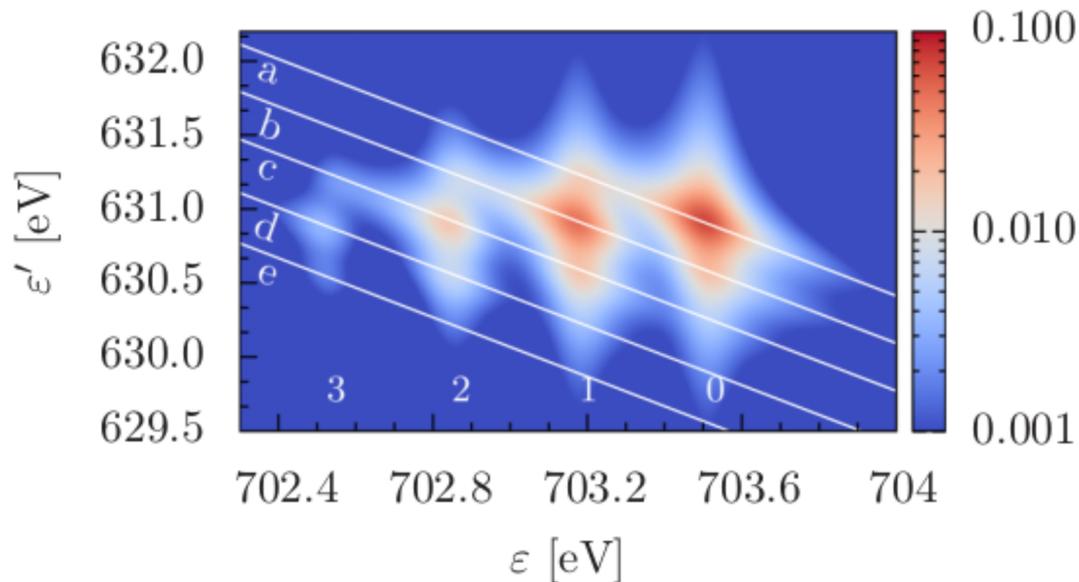
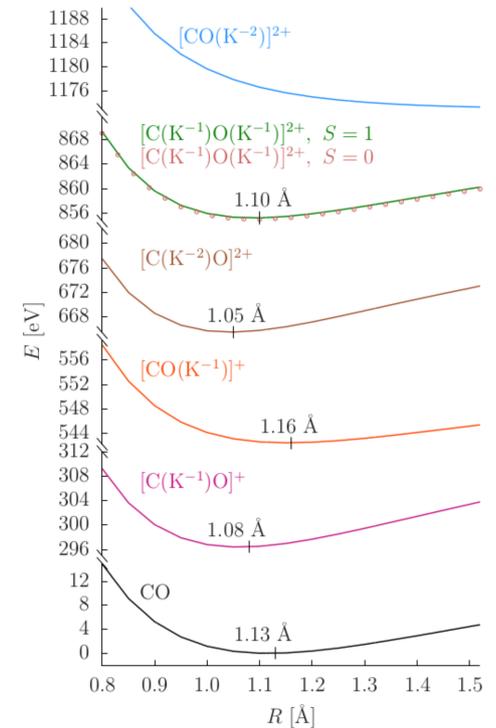
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Gaussian pulse FWHM_t = 40 fs

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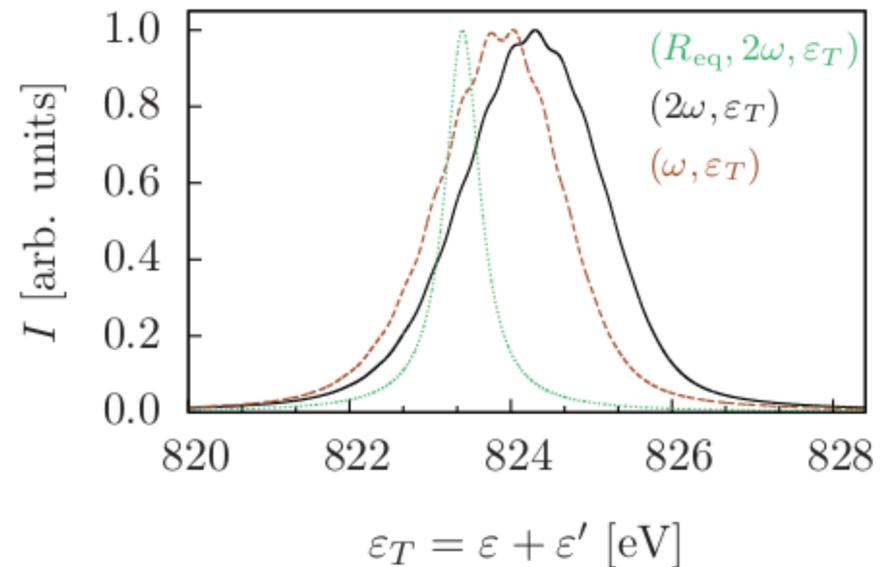
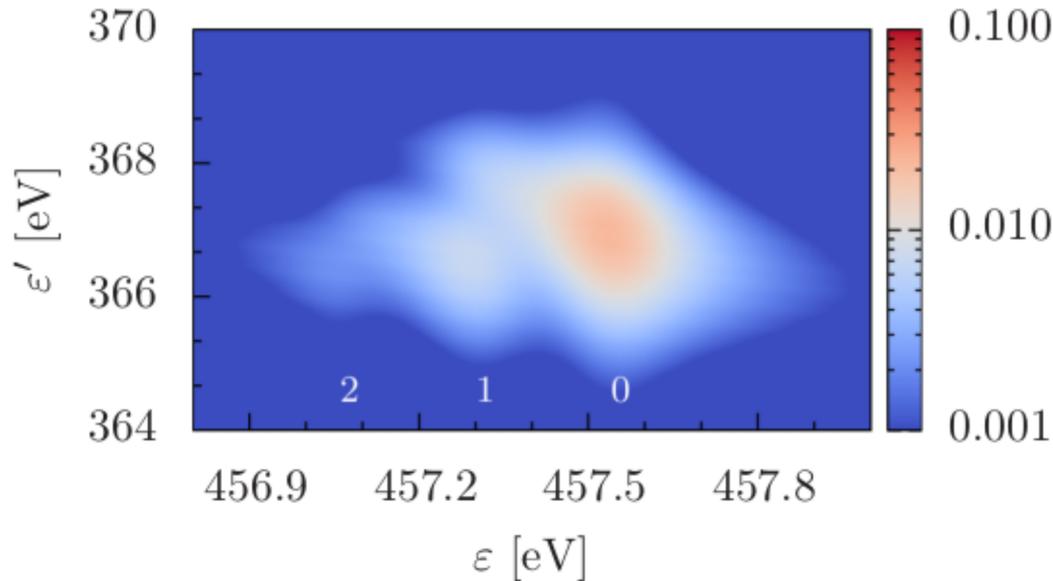
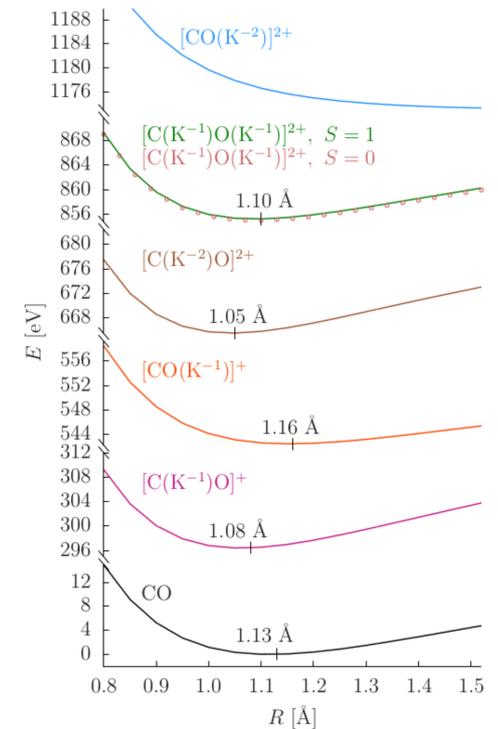
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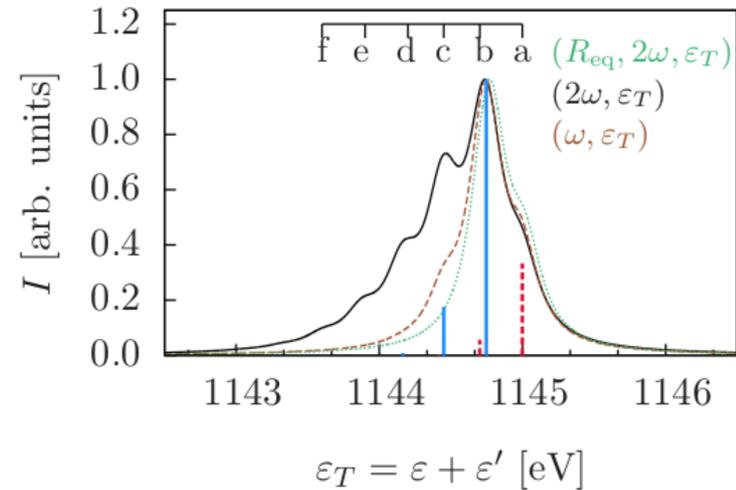
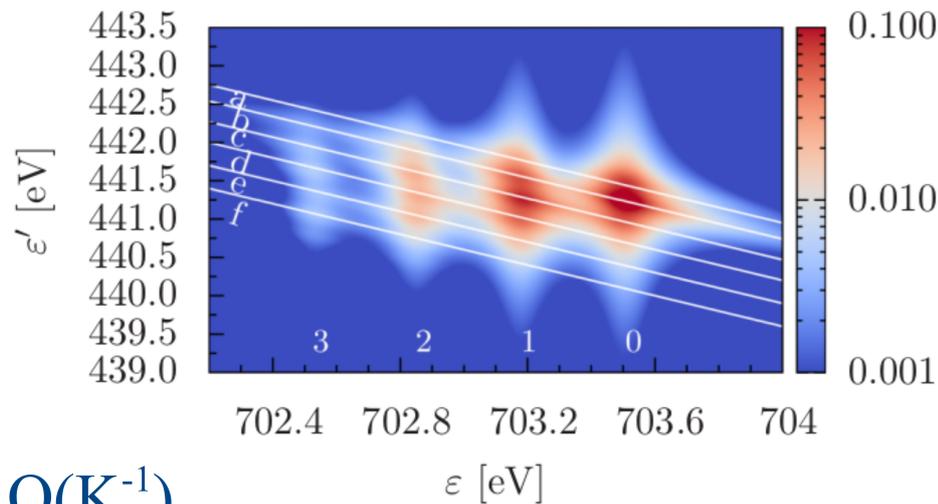
CO(K⁻²)



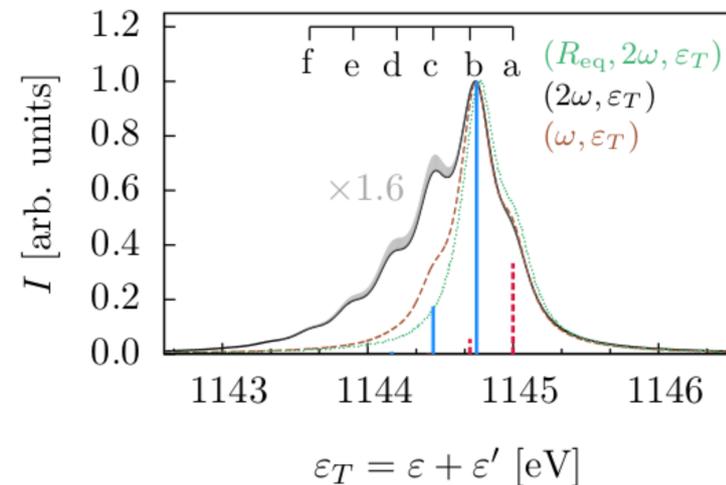
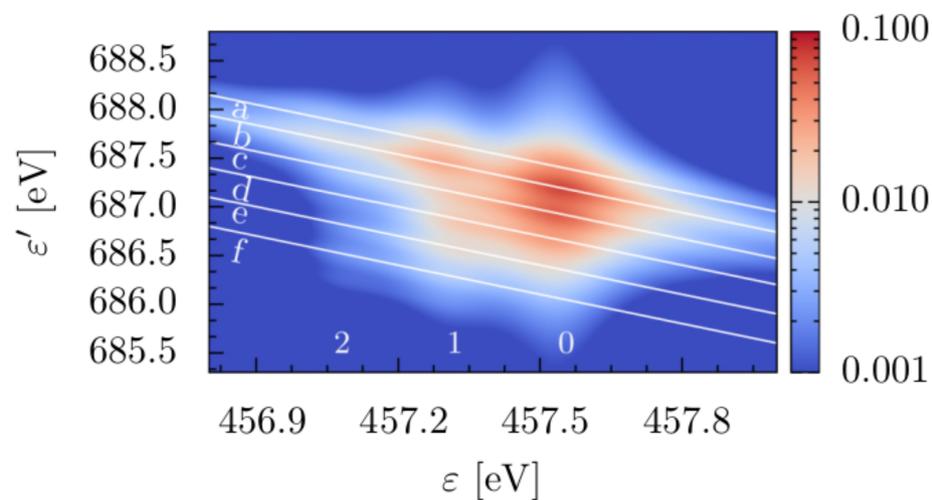
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via $\text{C}(\text{K}^{-1})$



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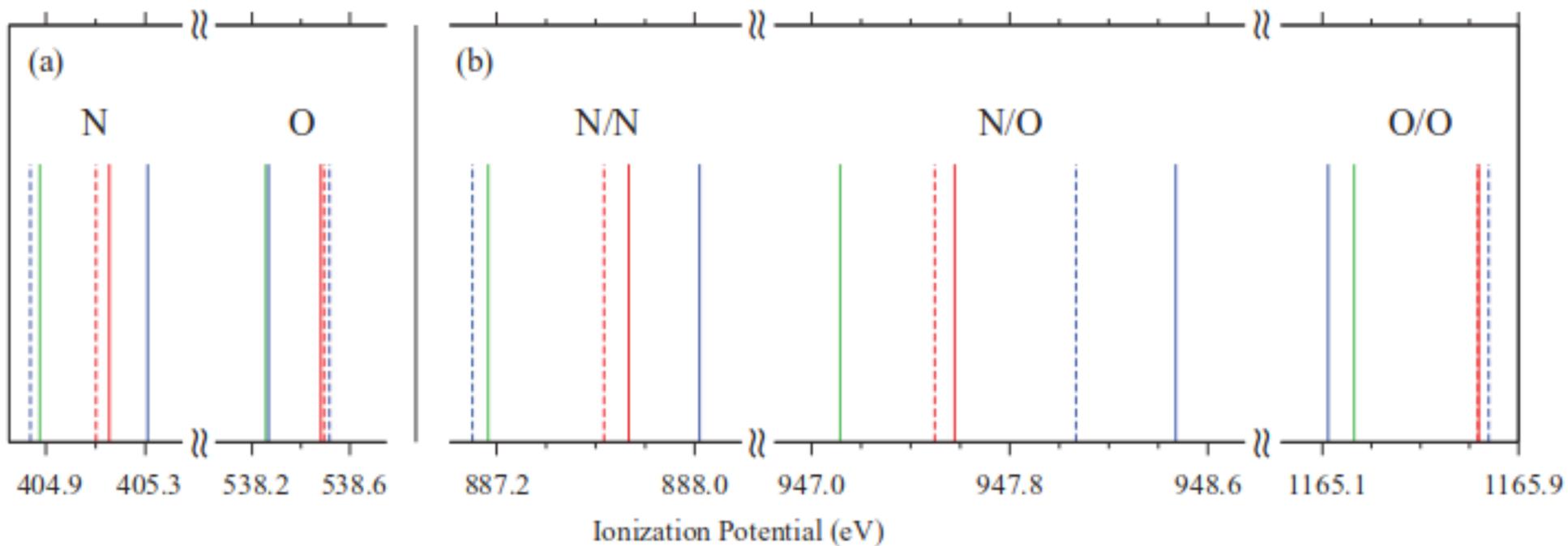
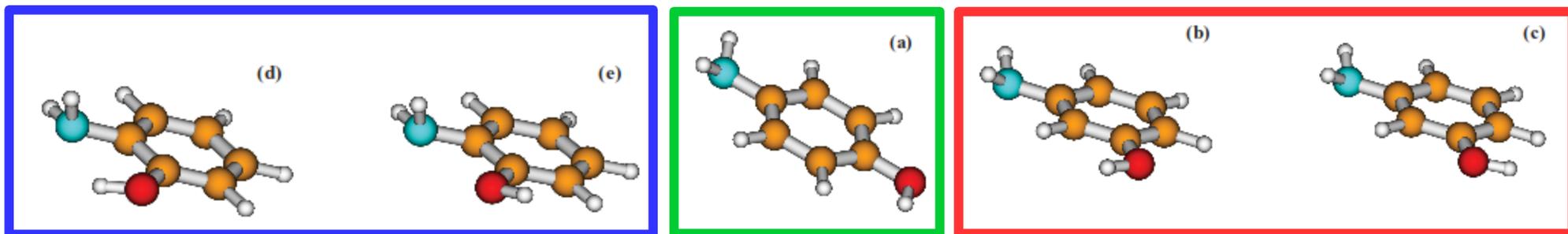
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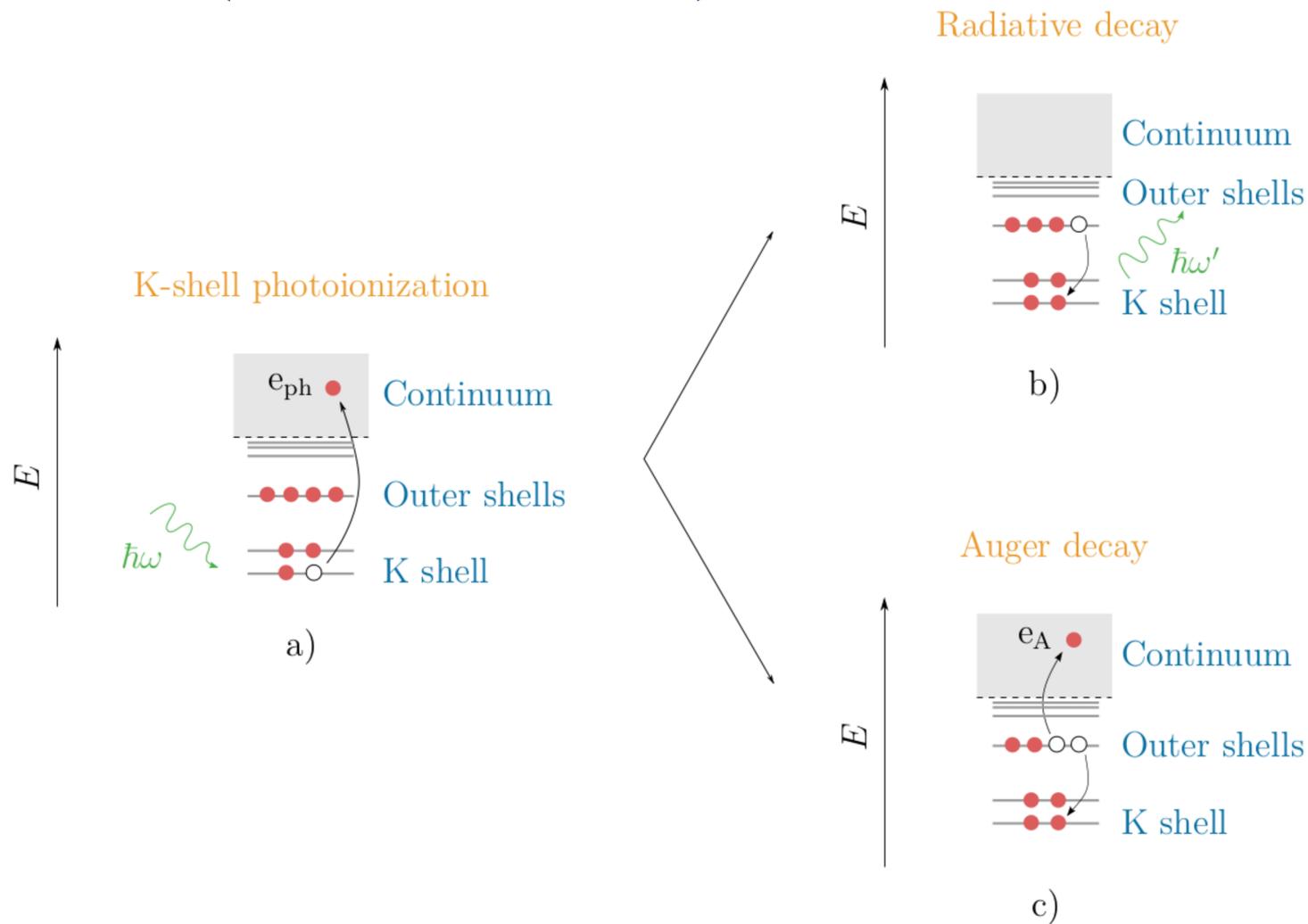


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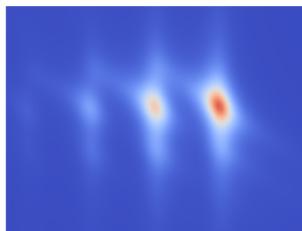


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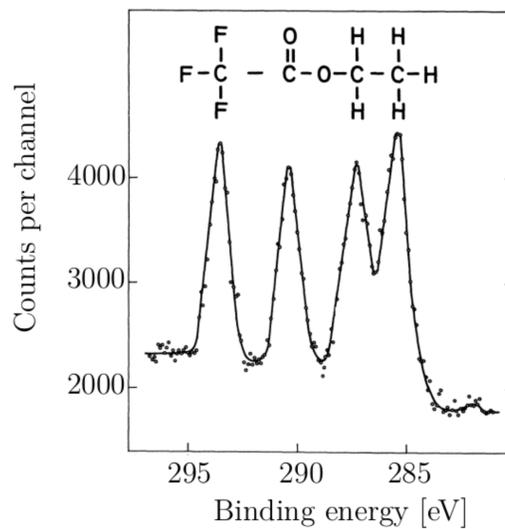
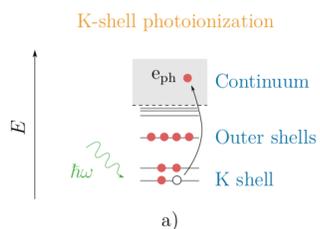
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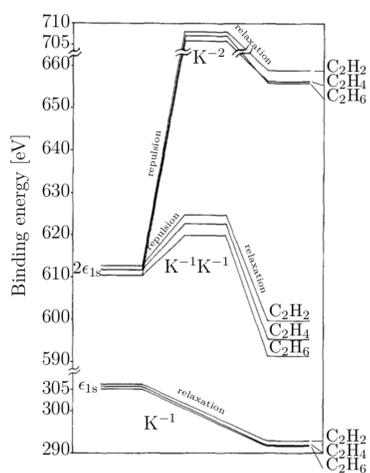
Congrès Général de la SFP, Nantes, 2019

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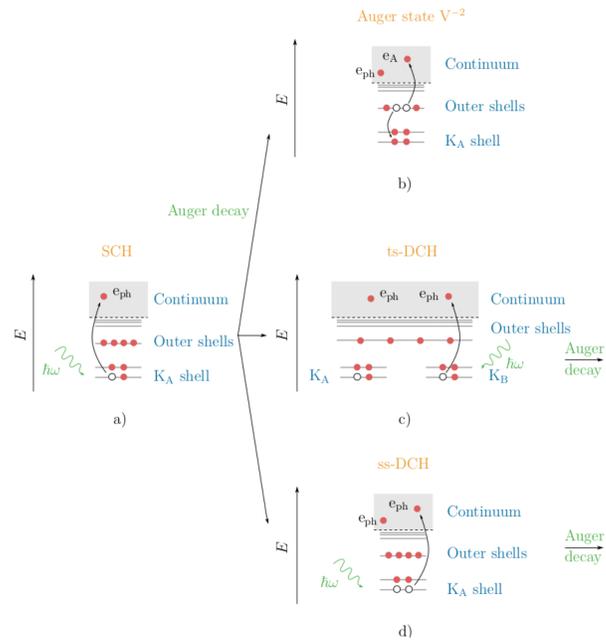
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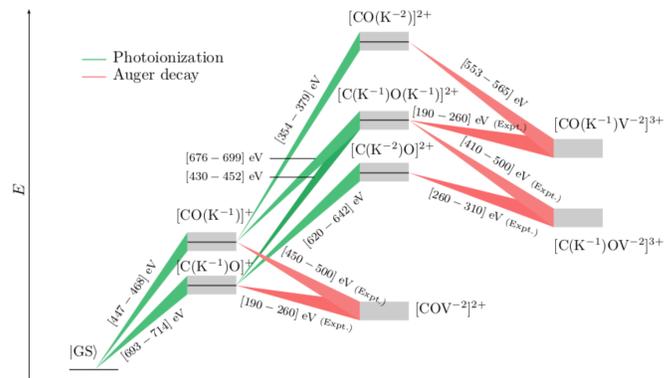
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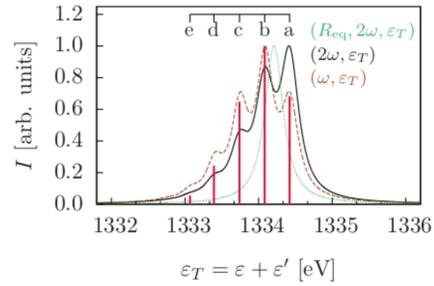
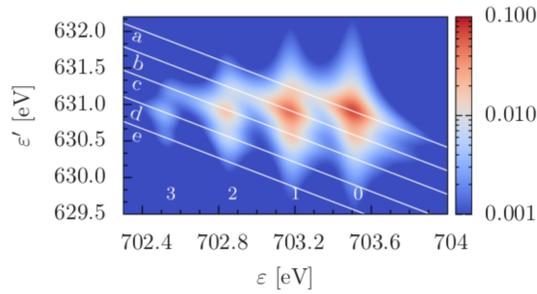
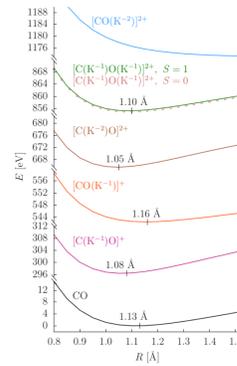
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S. Oberli, N. Sisourat, P. Selles, and S. Carniato, Phys. Rev. A **97**, 013406 (2018)

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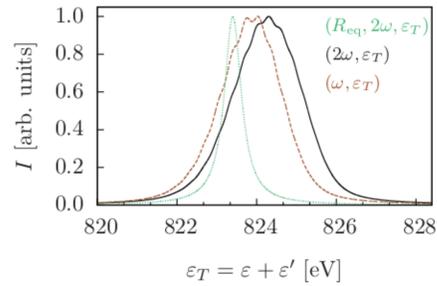
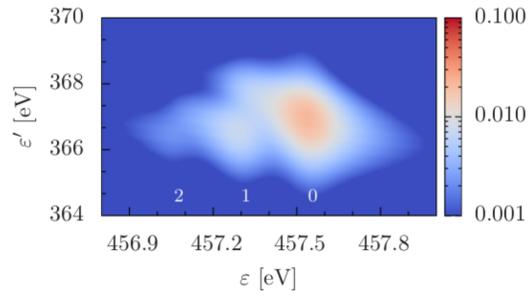
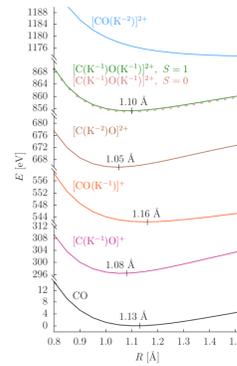
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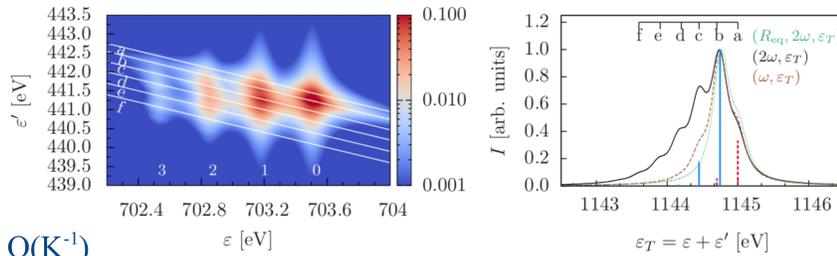


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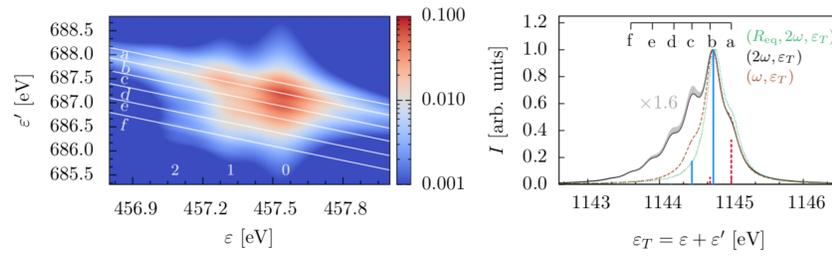
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$C(K^{-1})O(K^{-1})$

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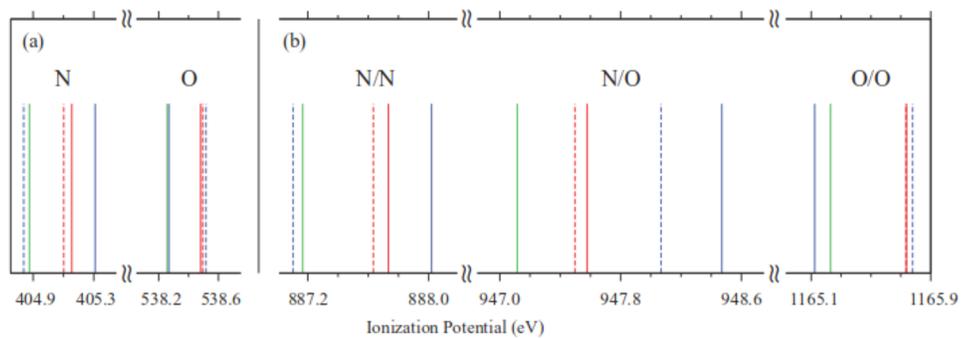
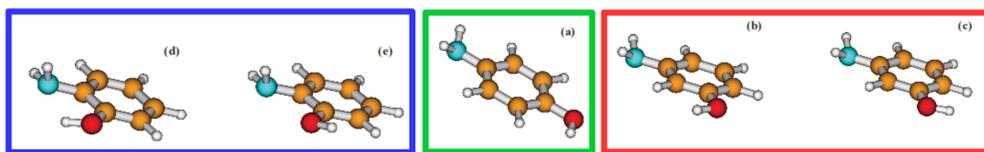
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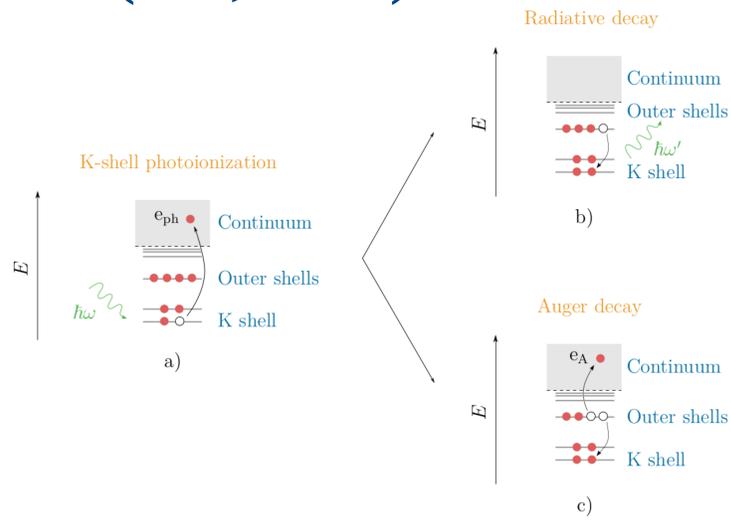
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