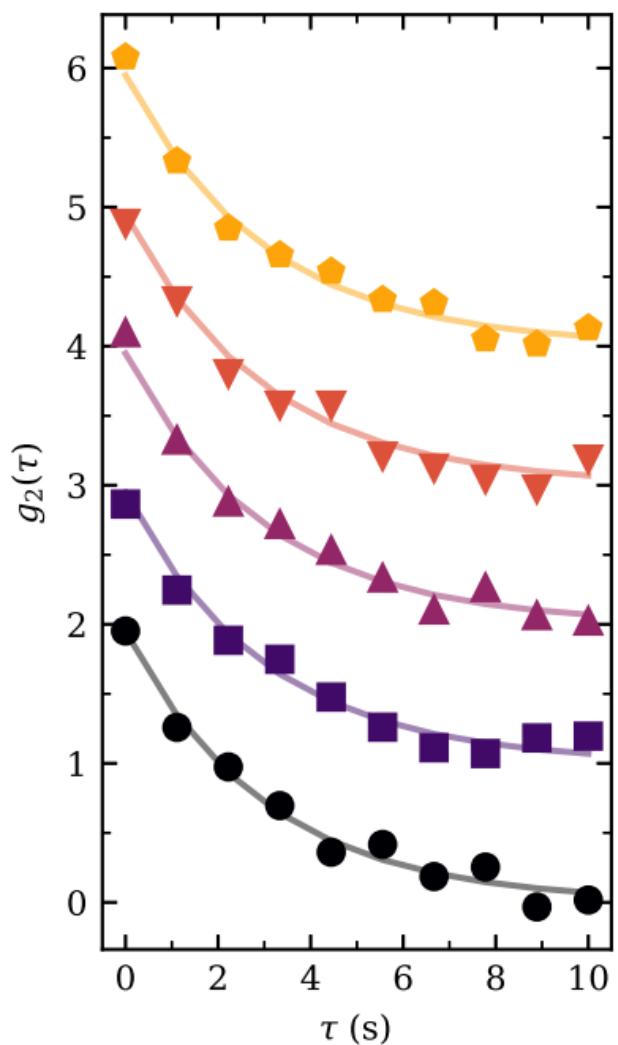
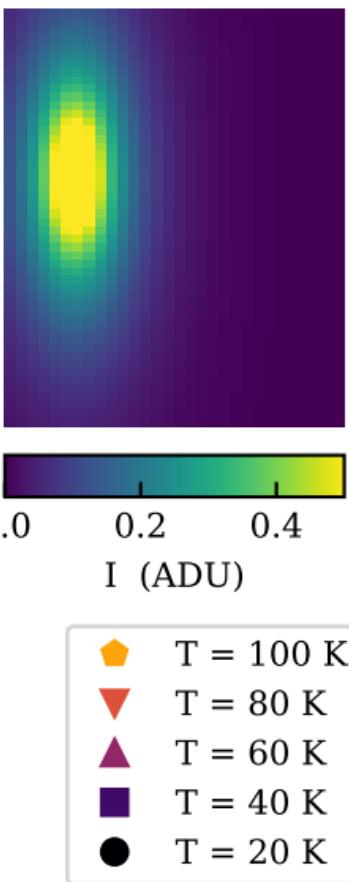
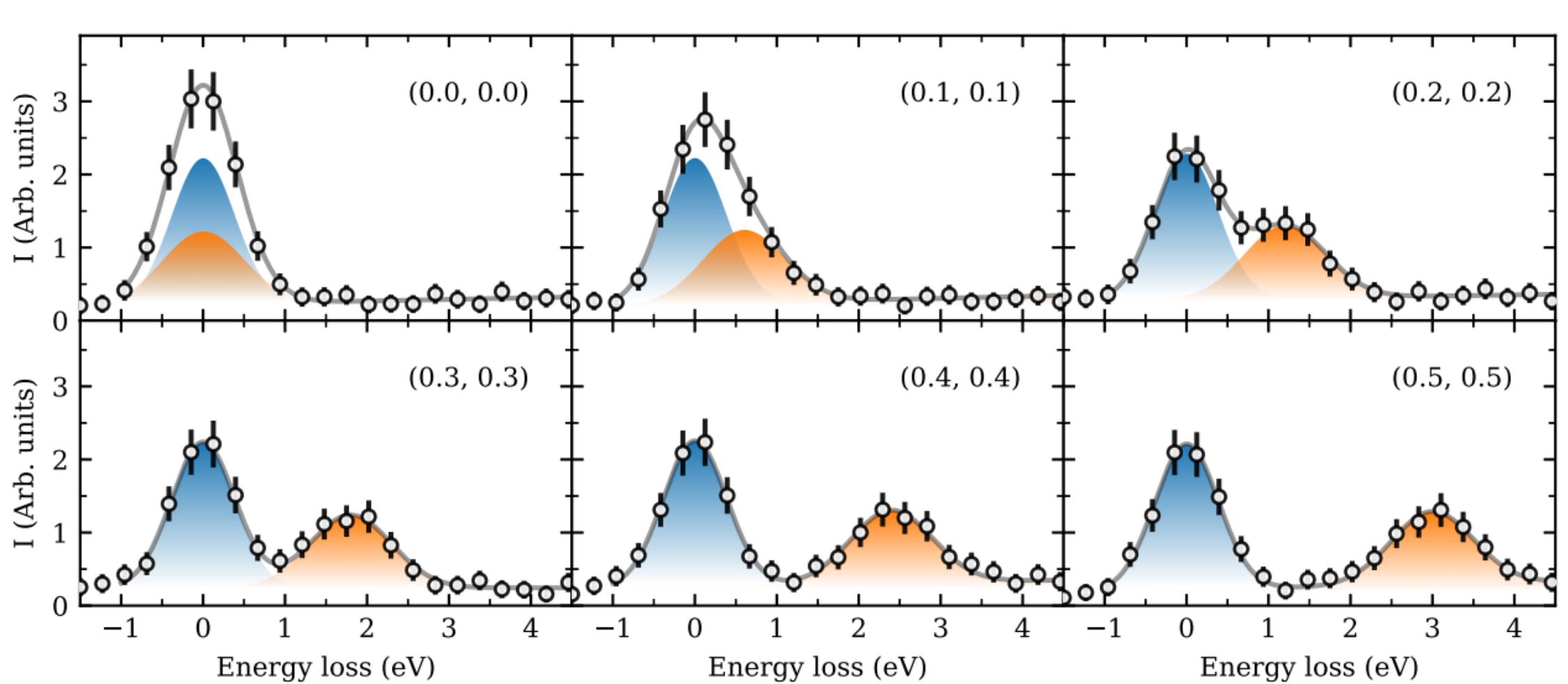


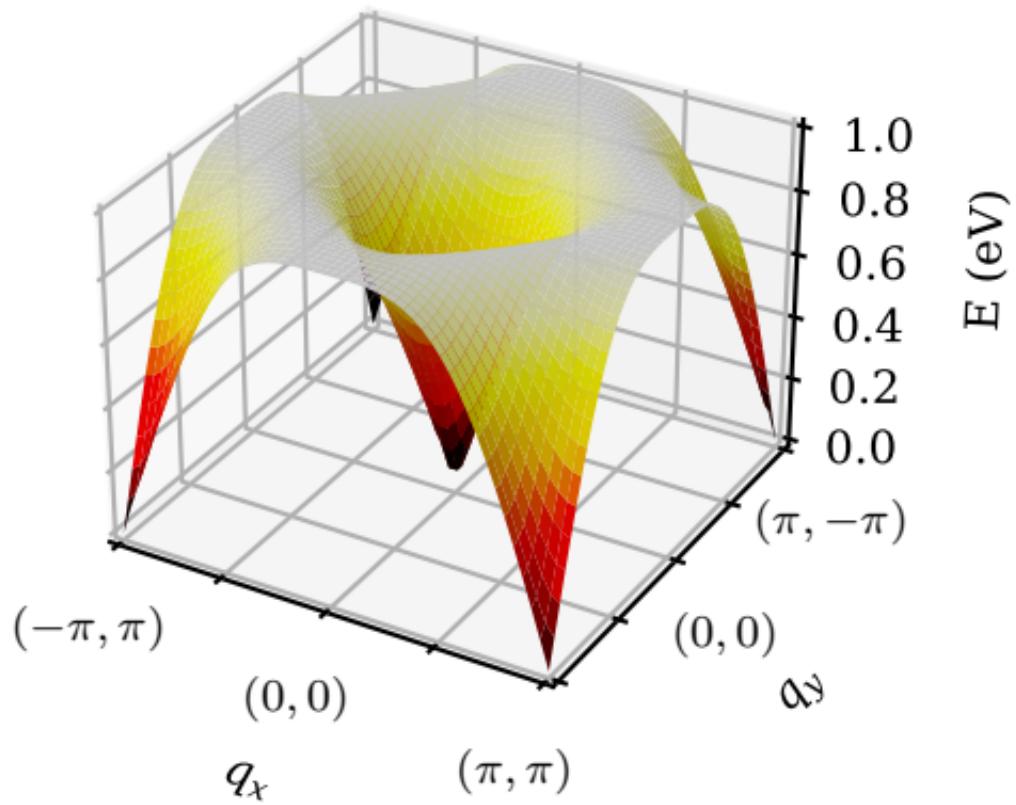
(a)



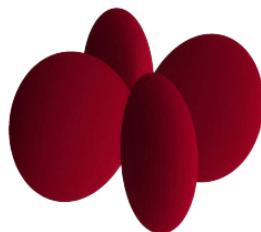
(b)







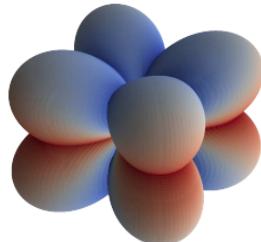
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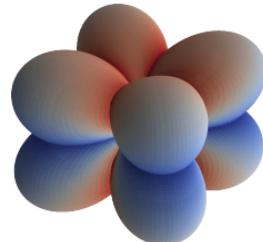
$L_z = 1$



Isospin Up

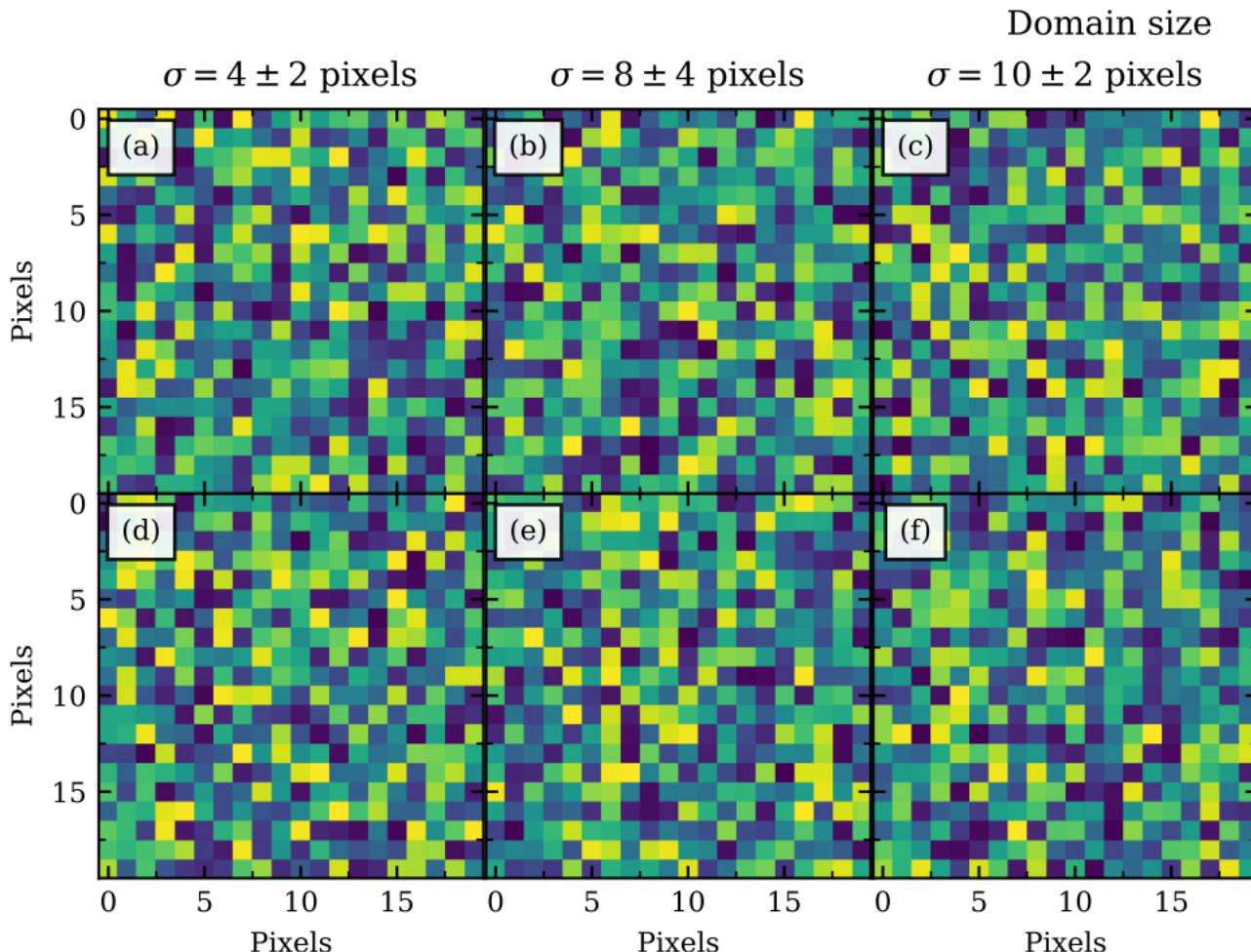


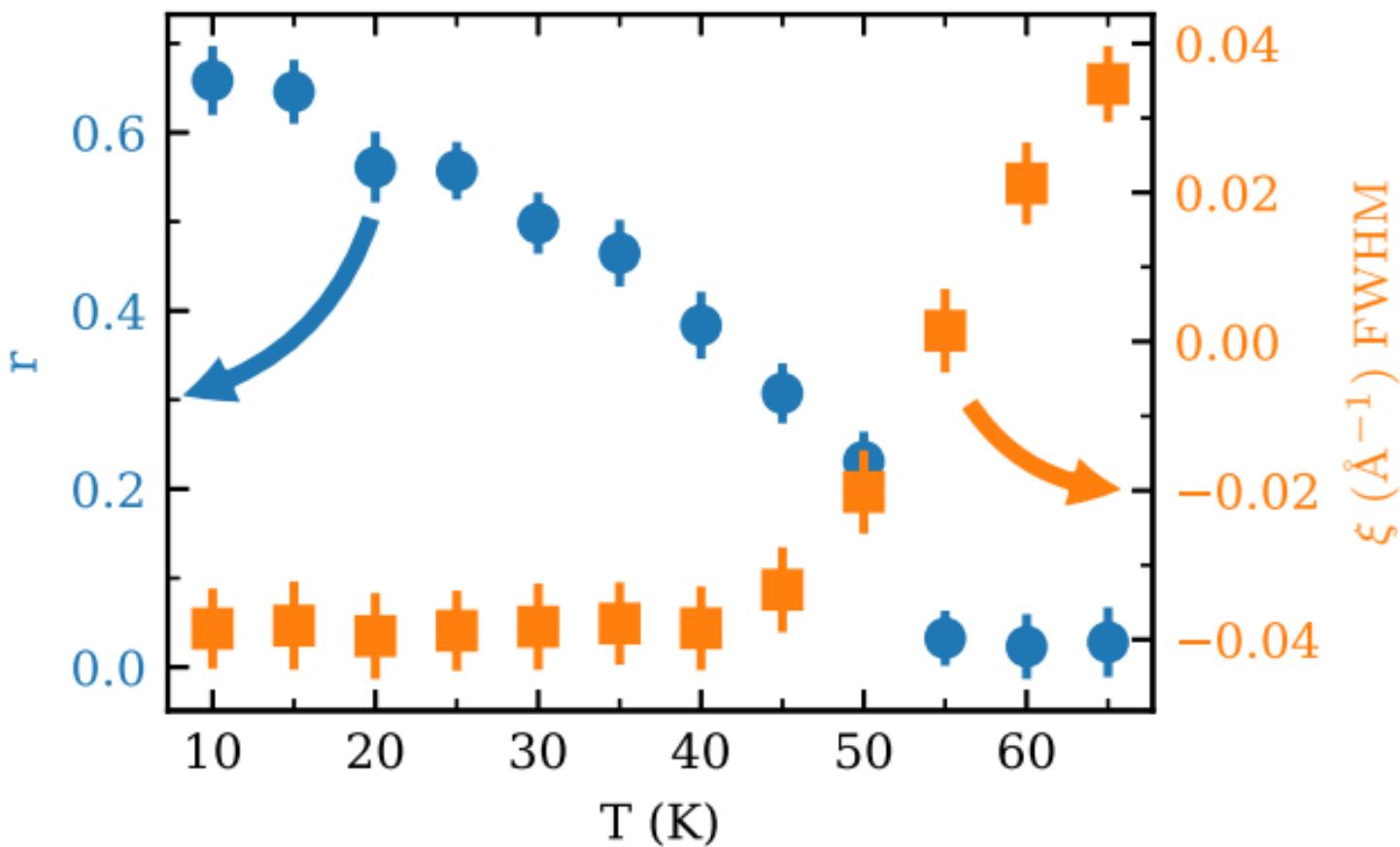
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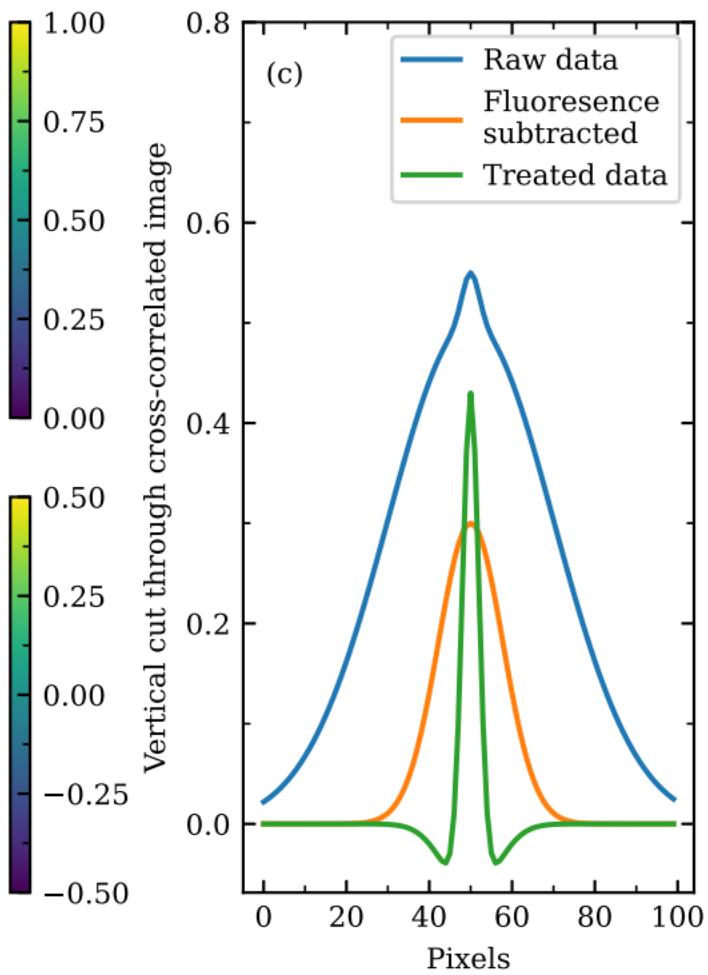
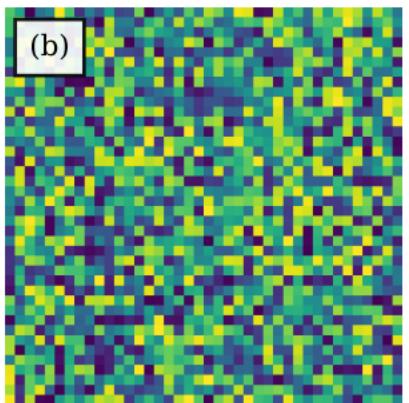
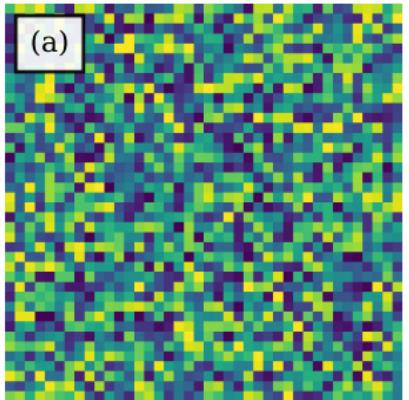


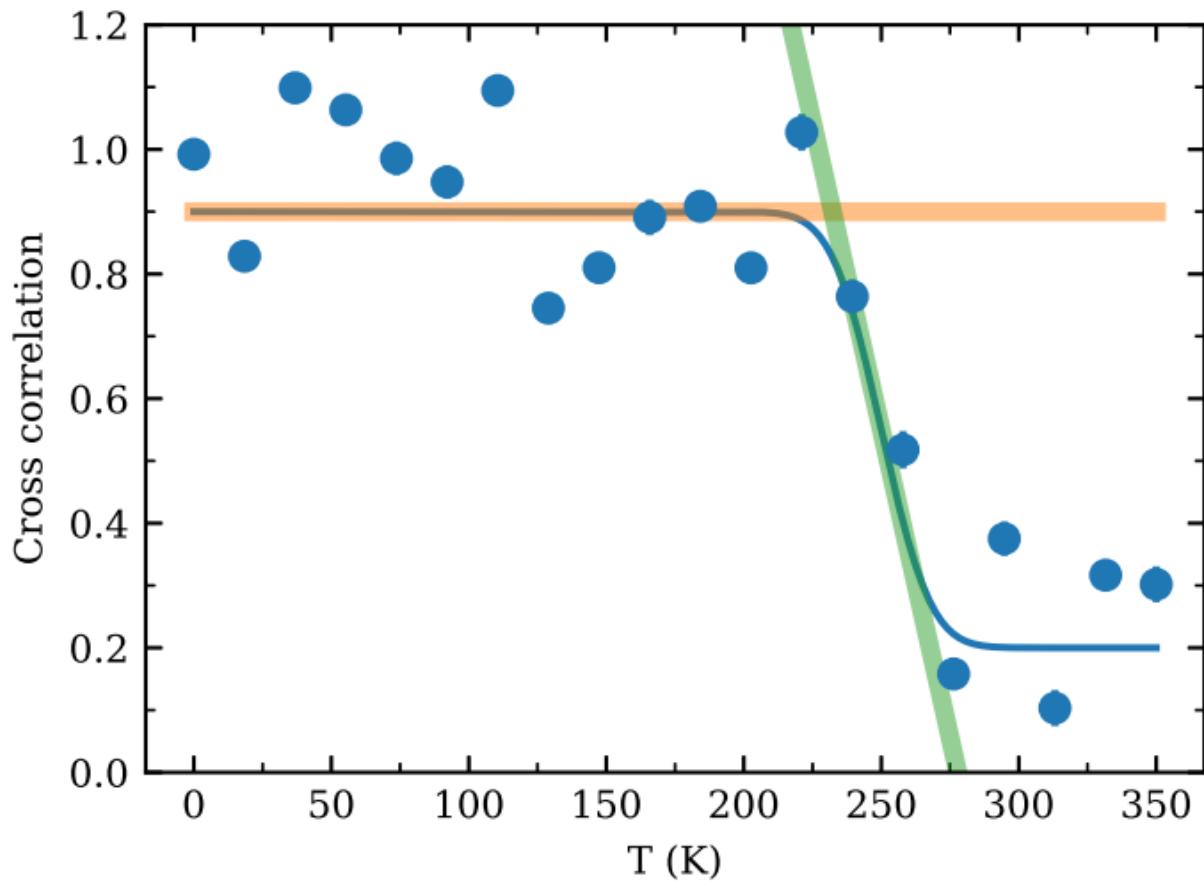
CDW domains

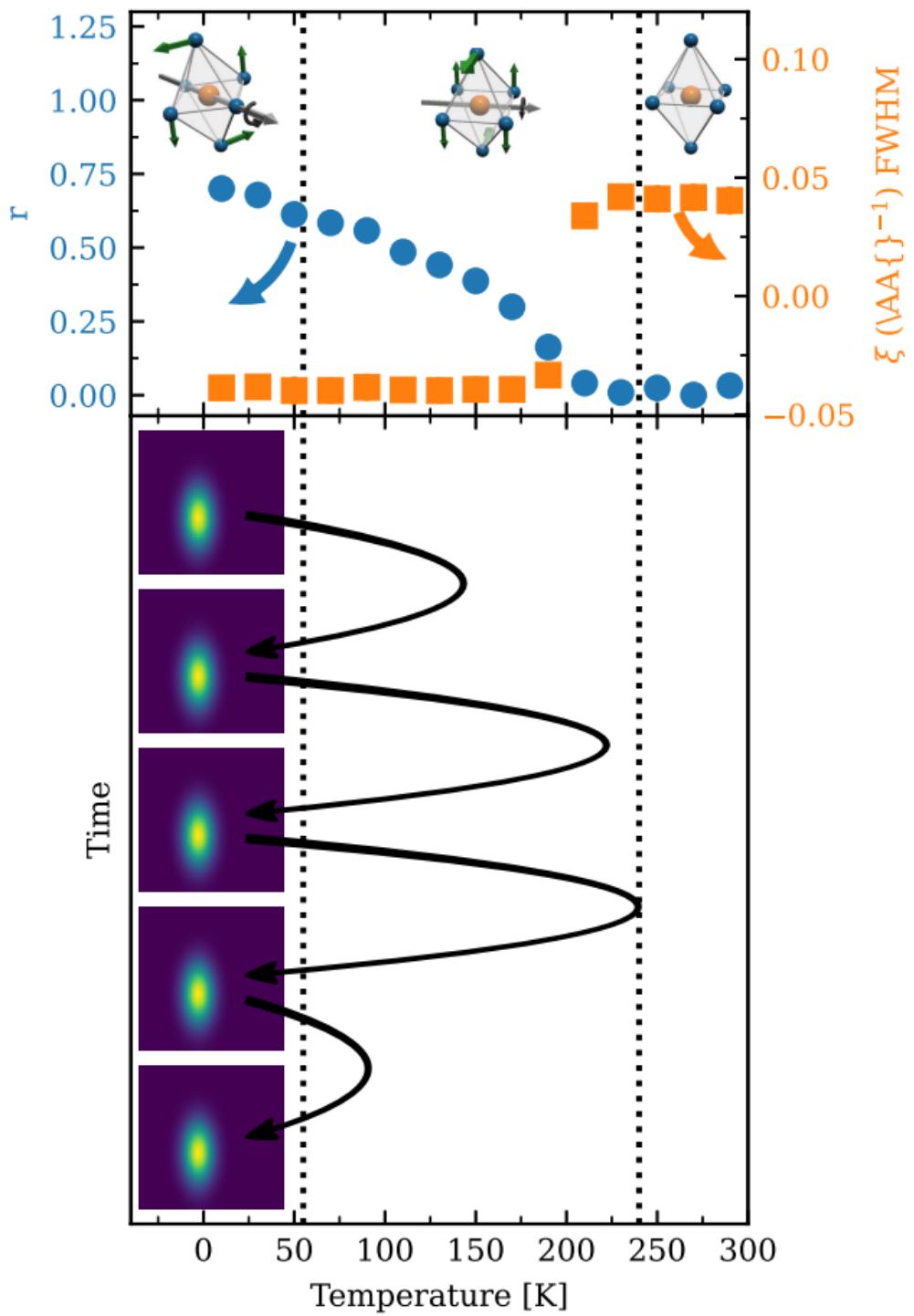
Speckle pattern

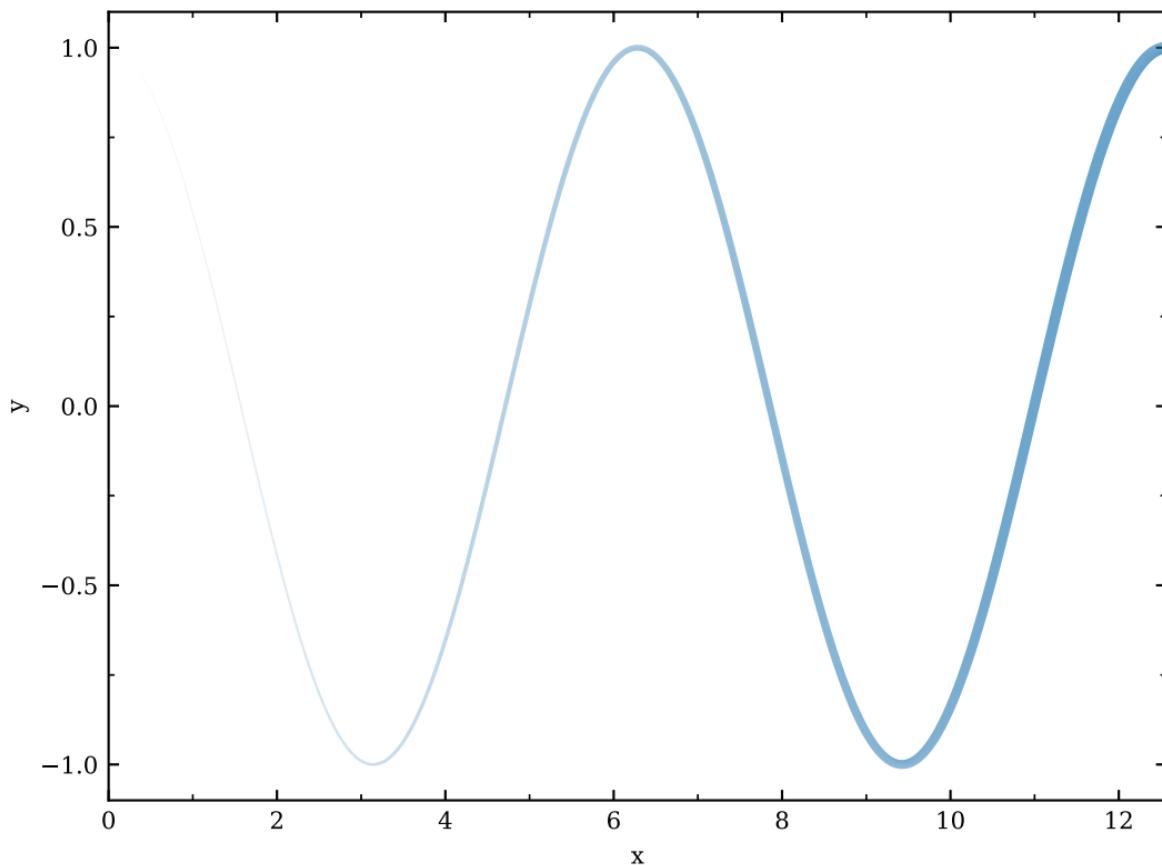


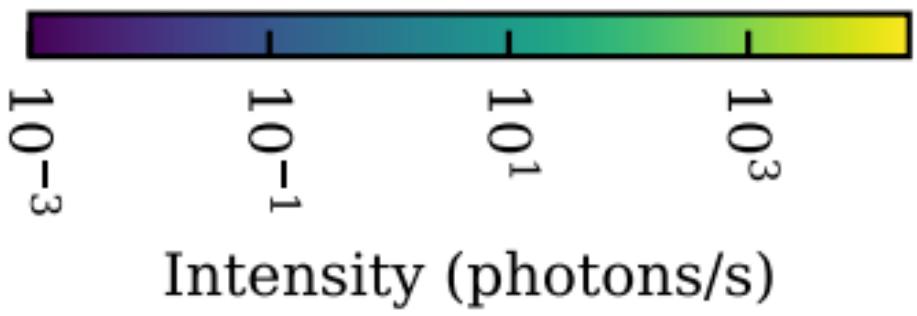
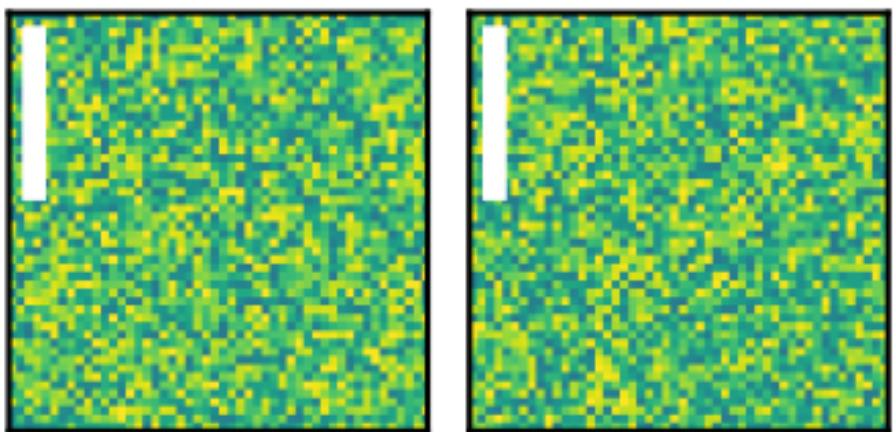
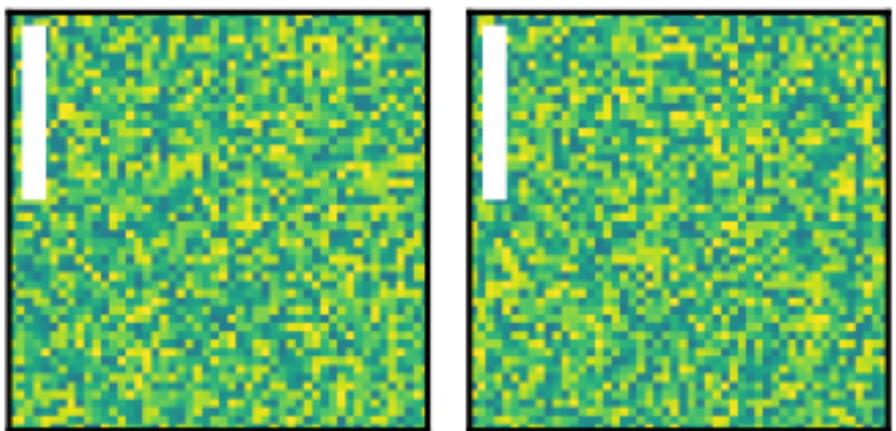
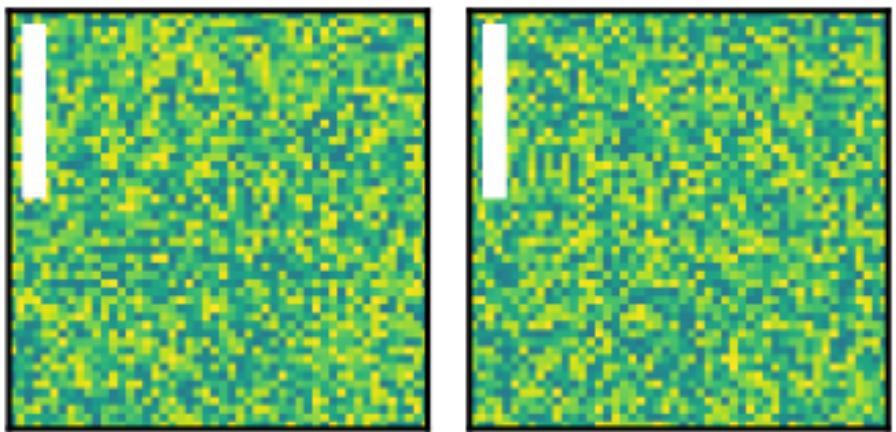


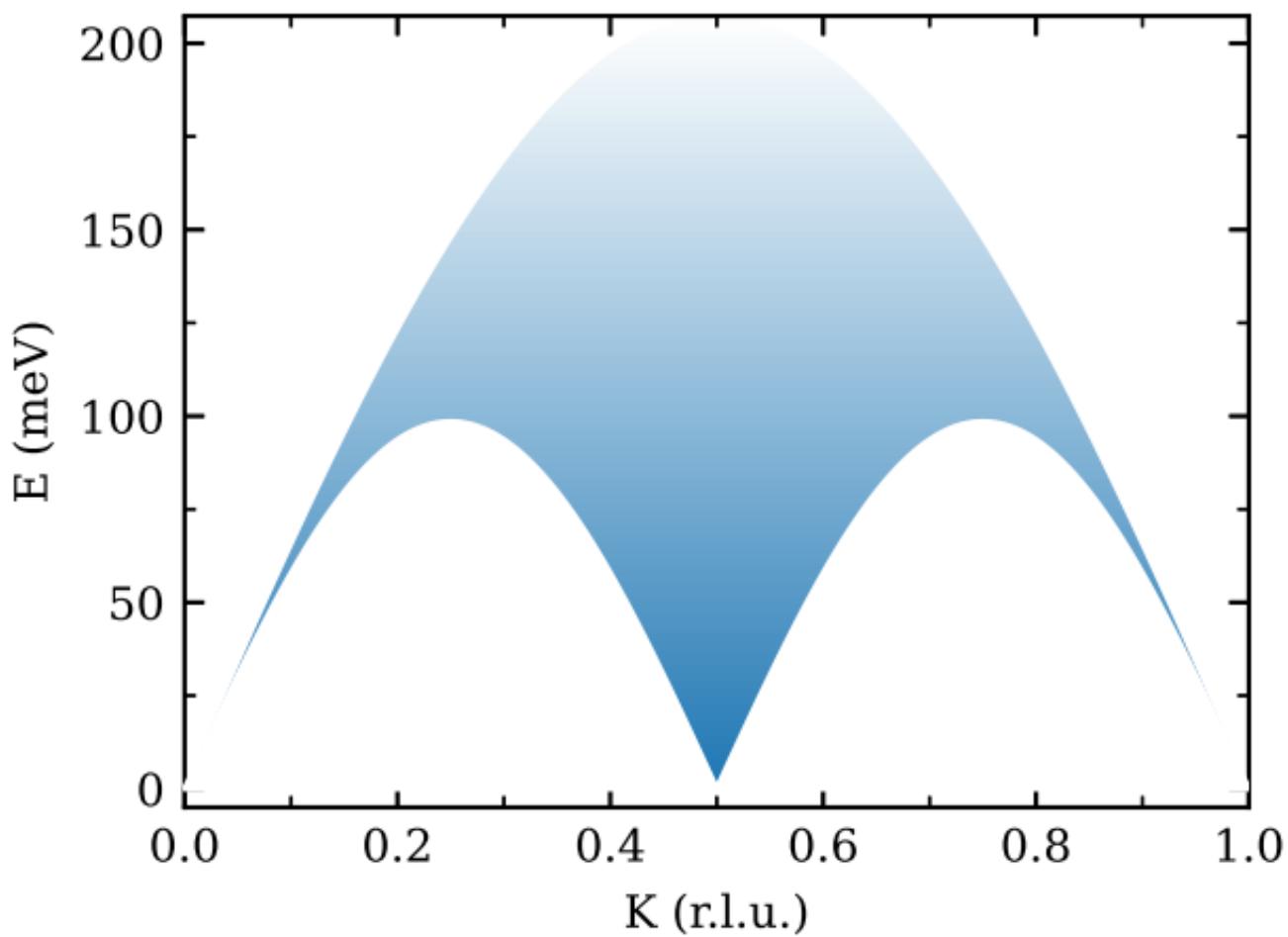


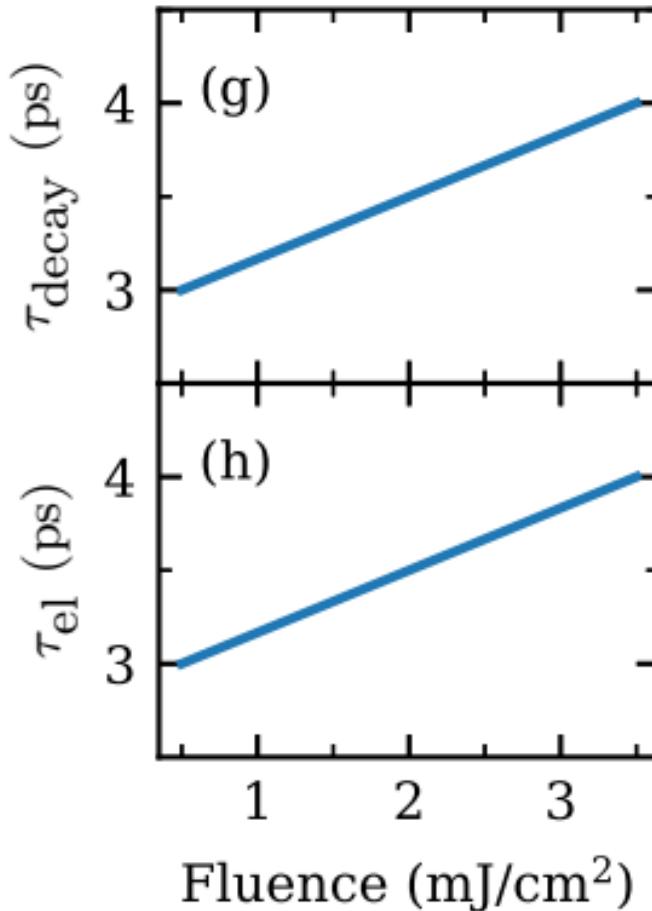
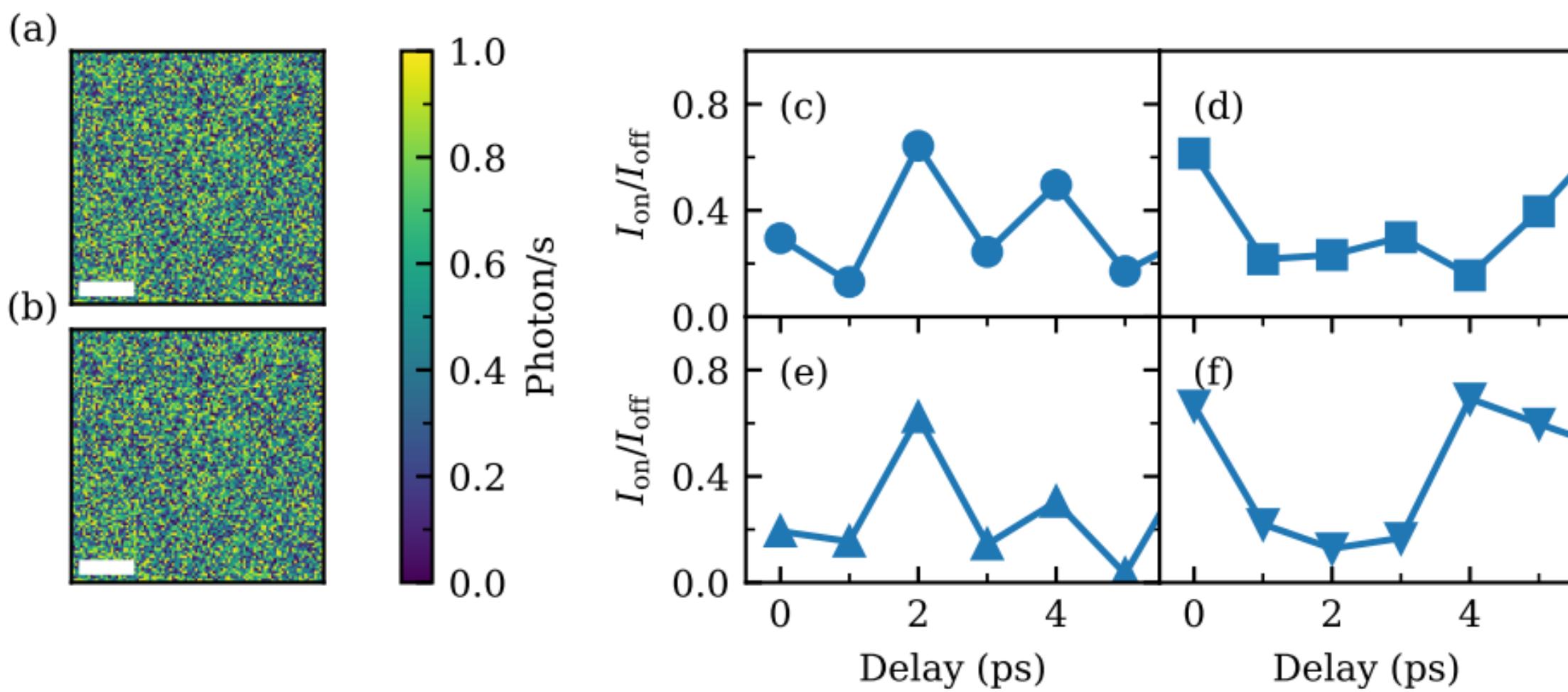


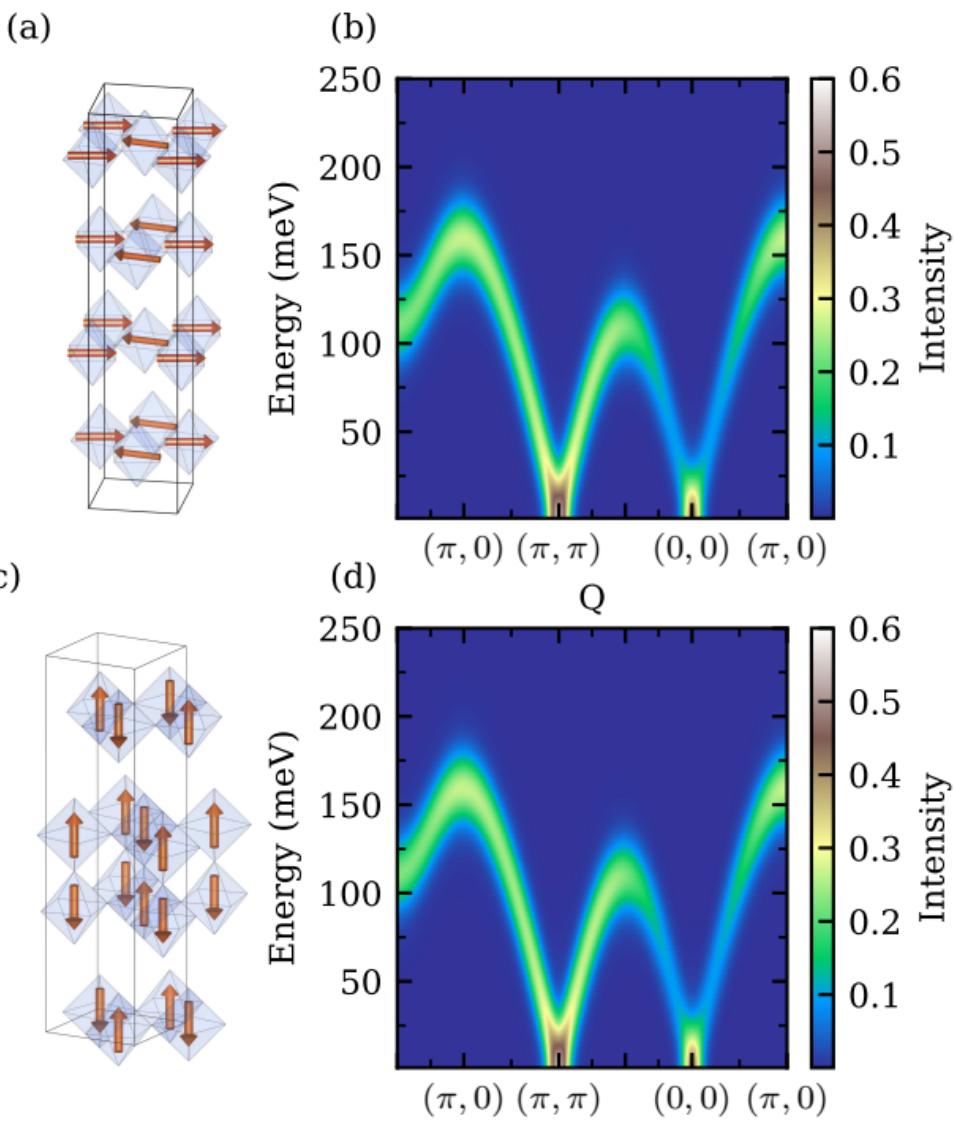


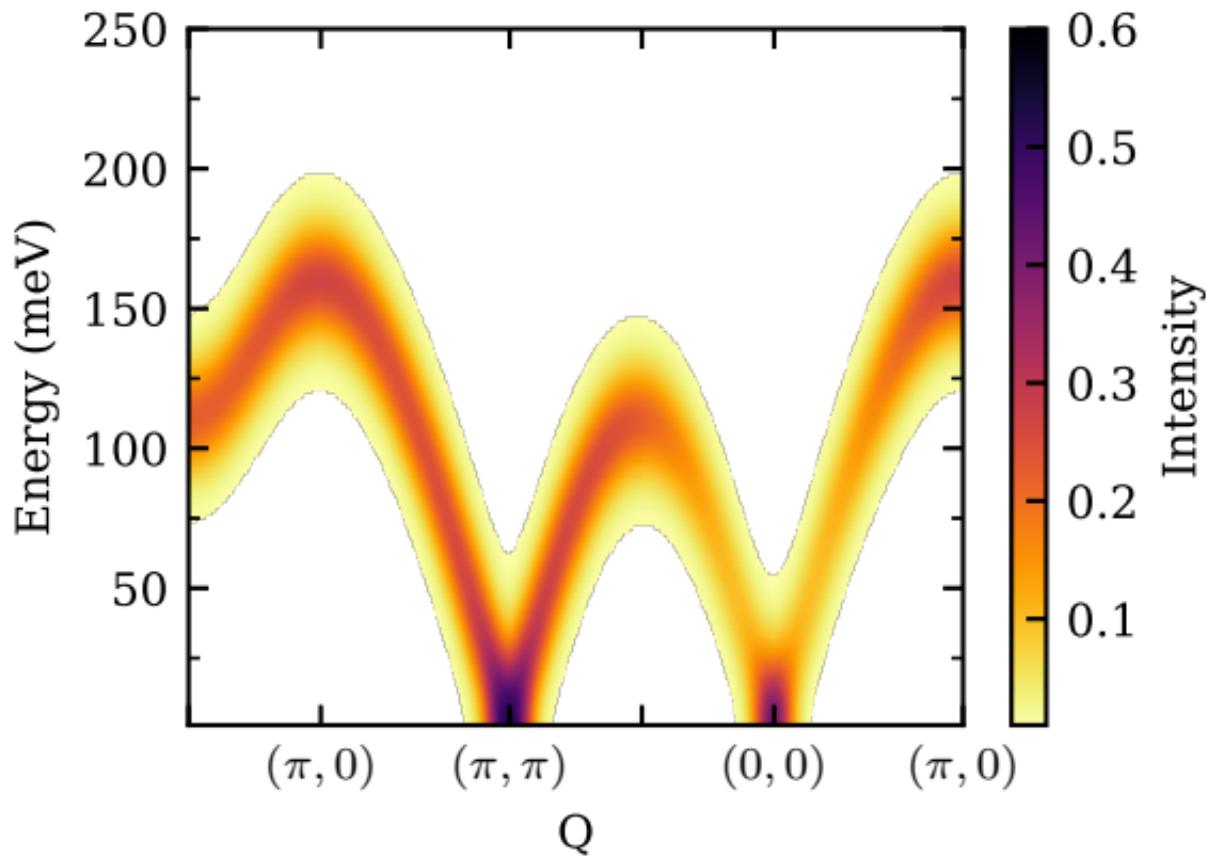


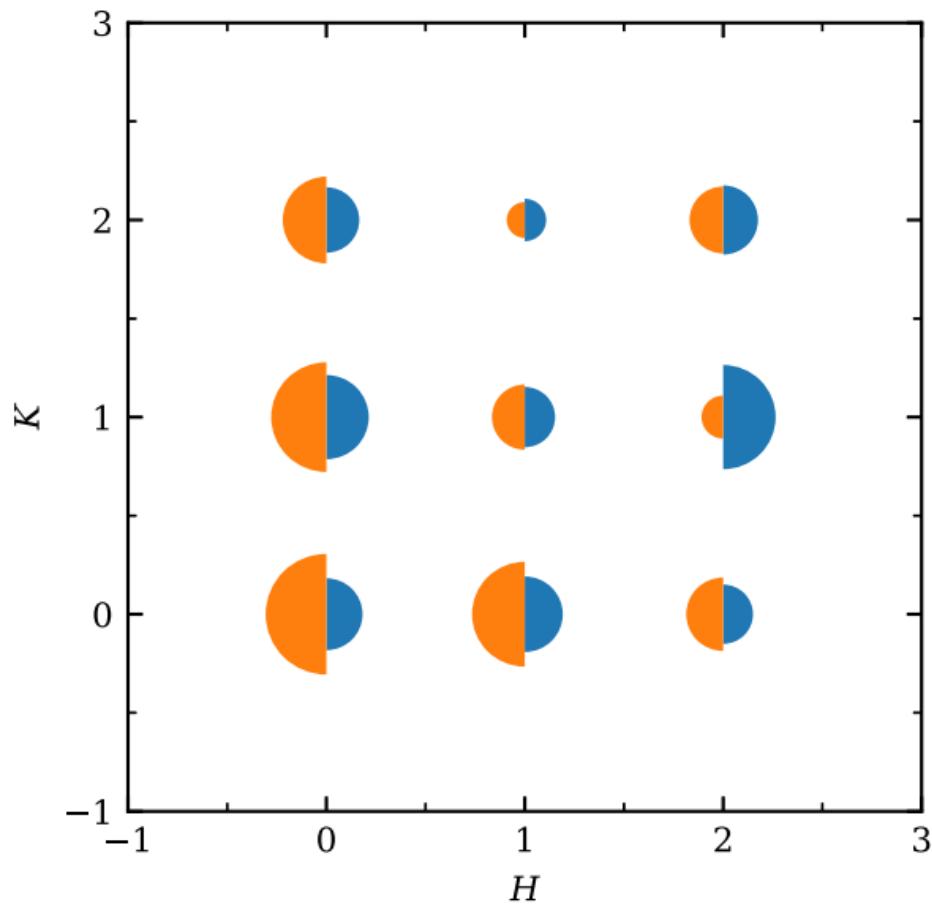


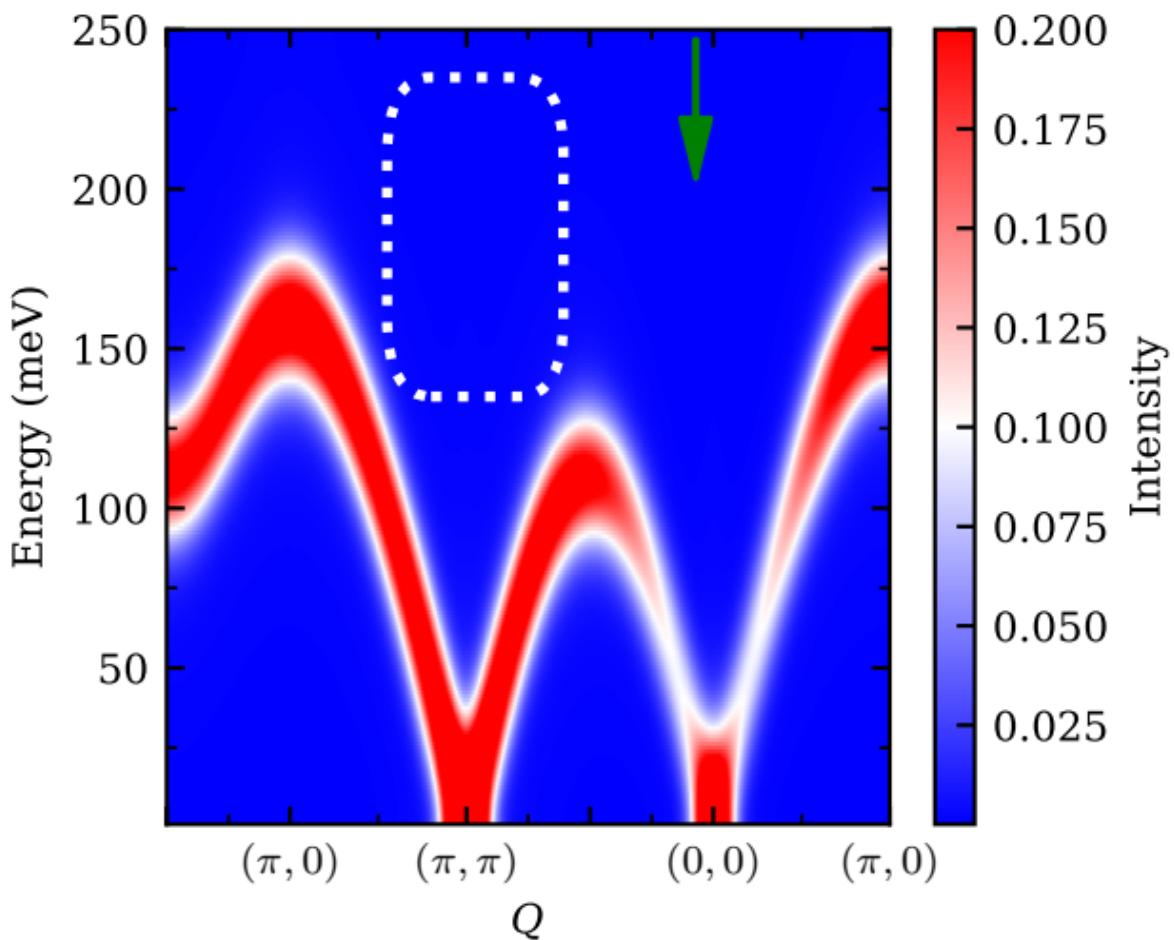


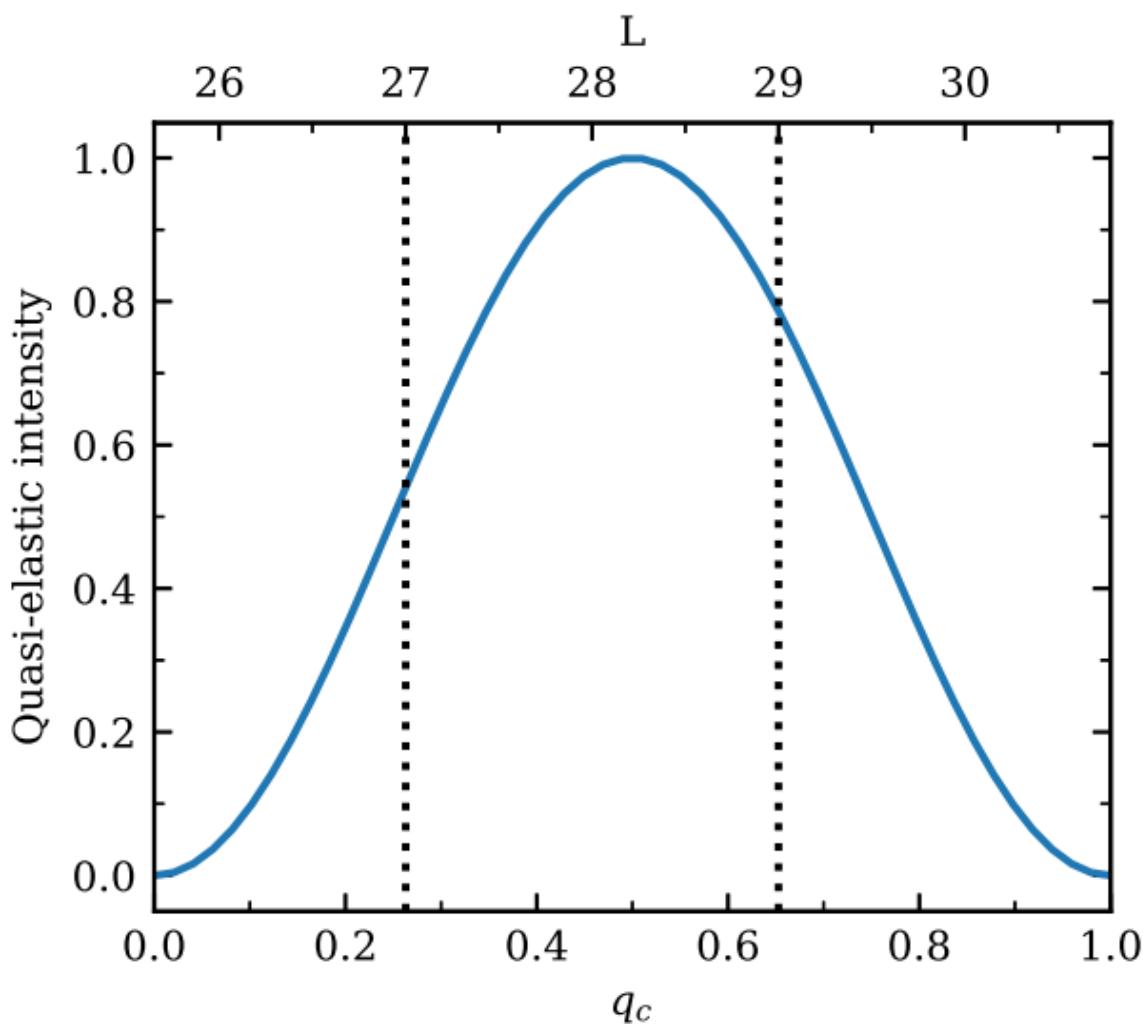


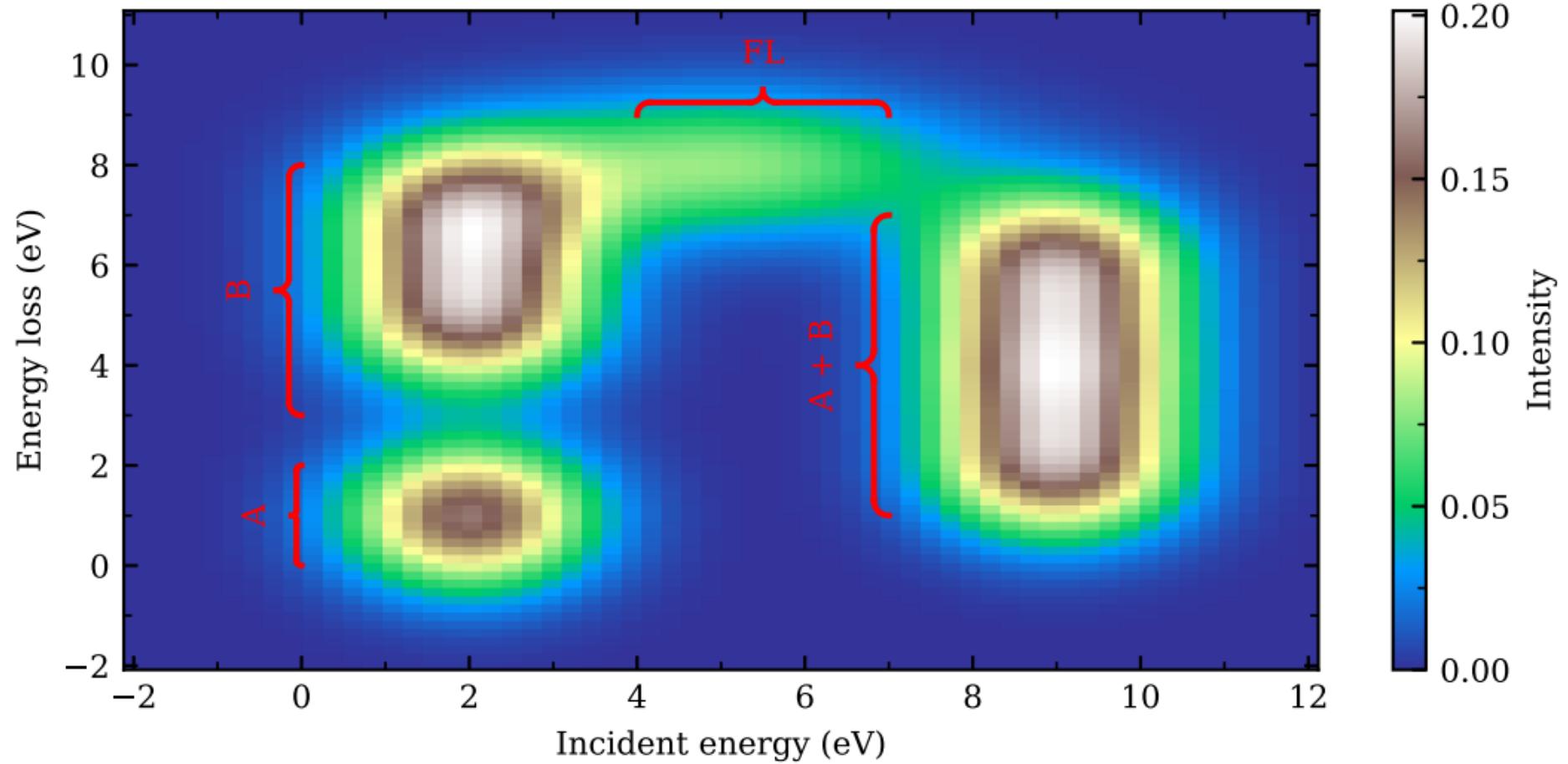


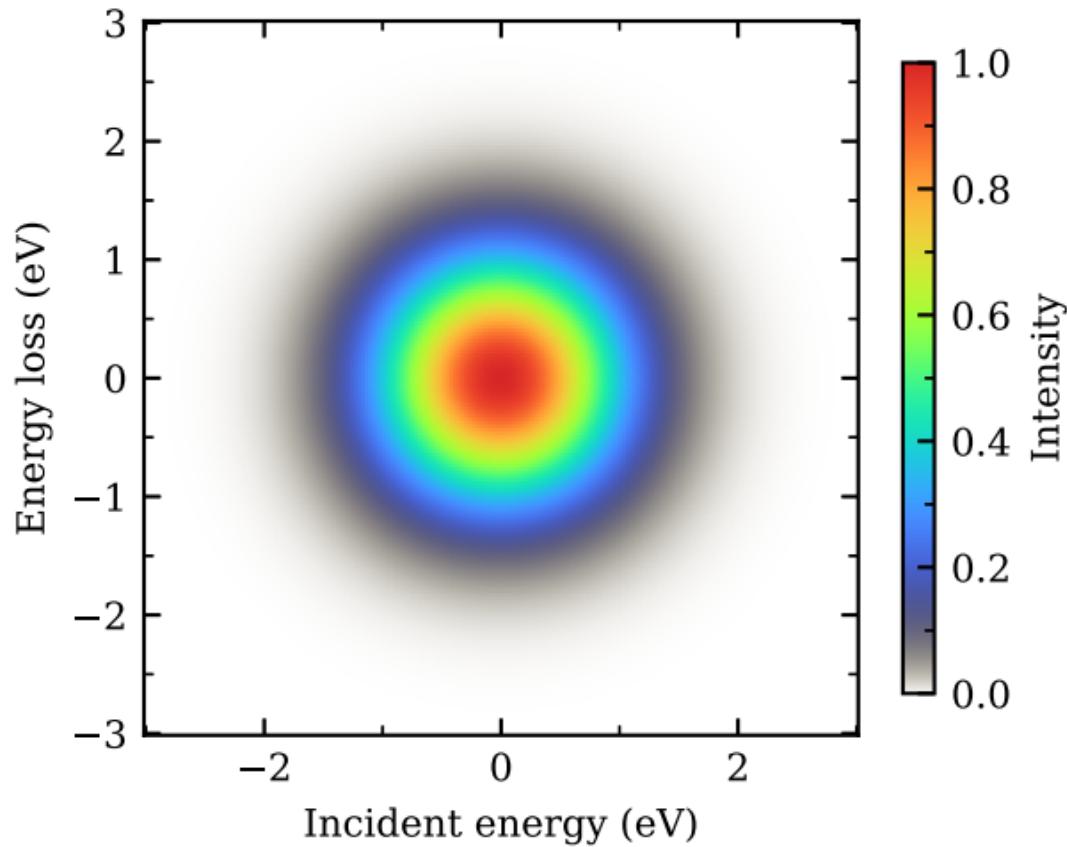


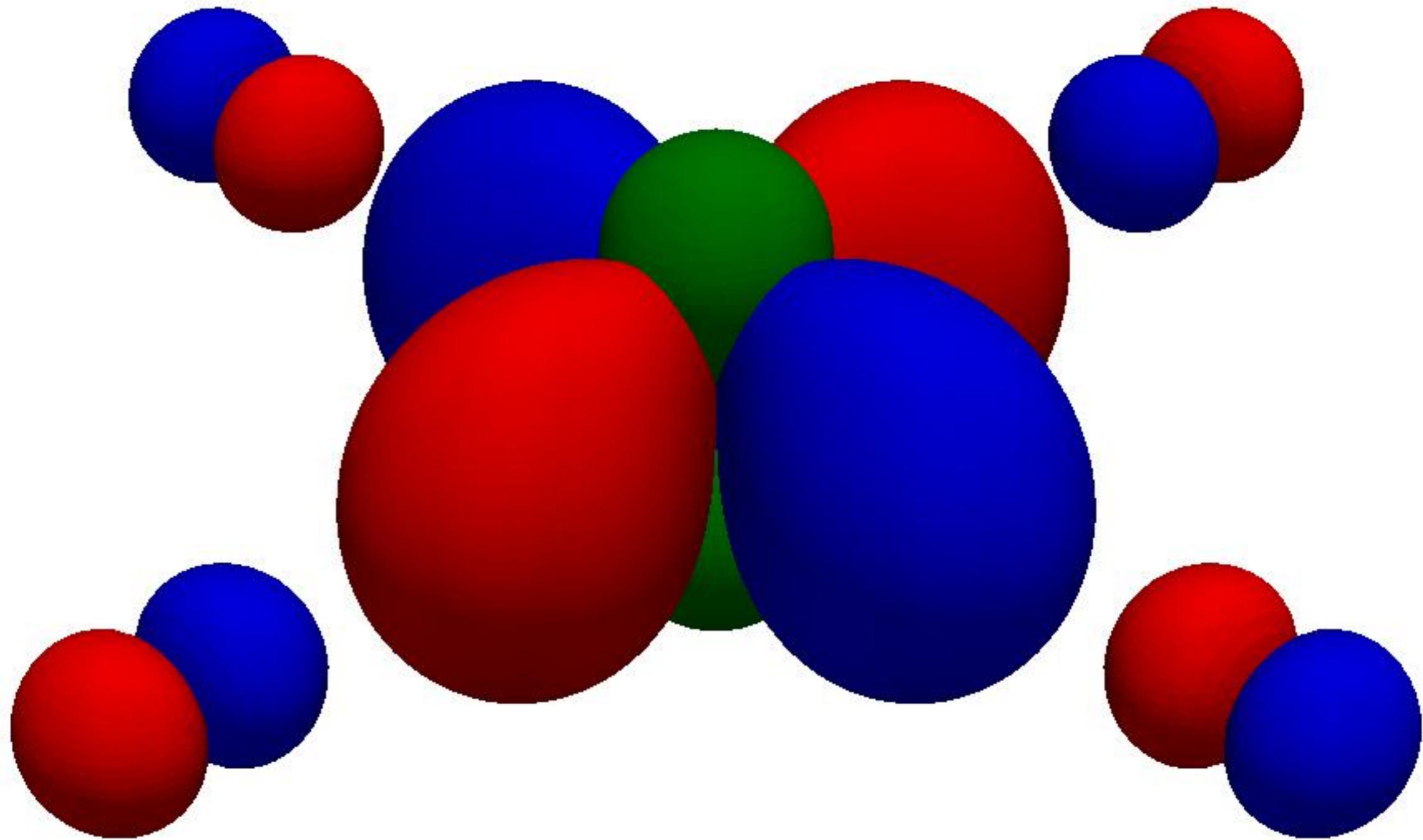


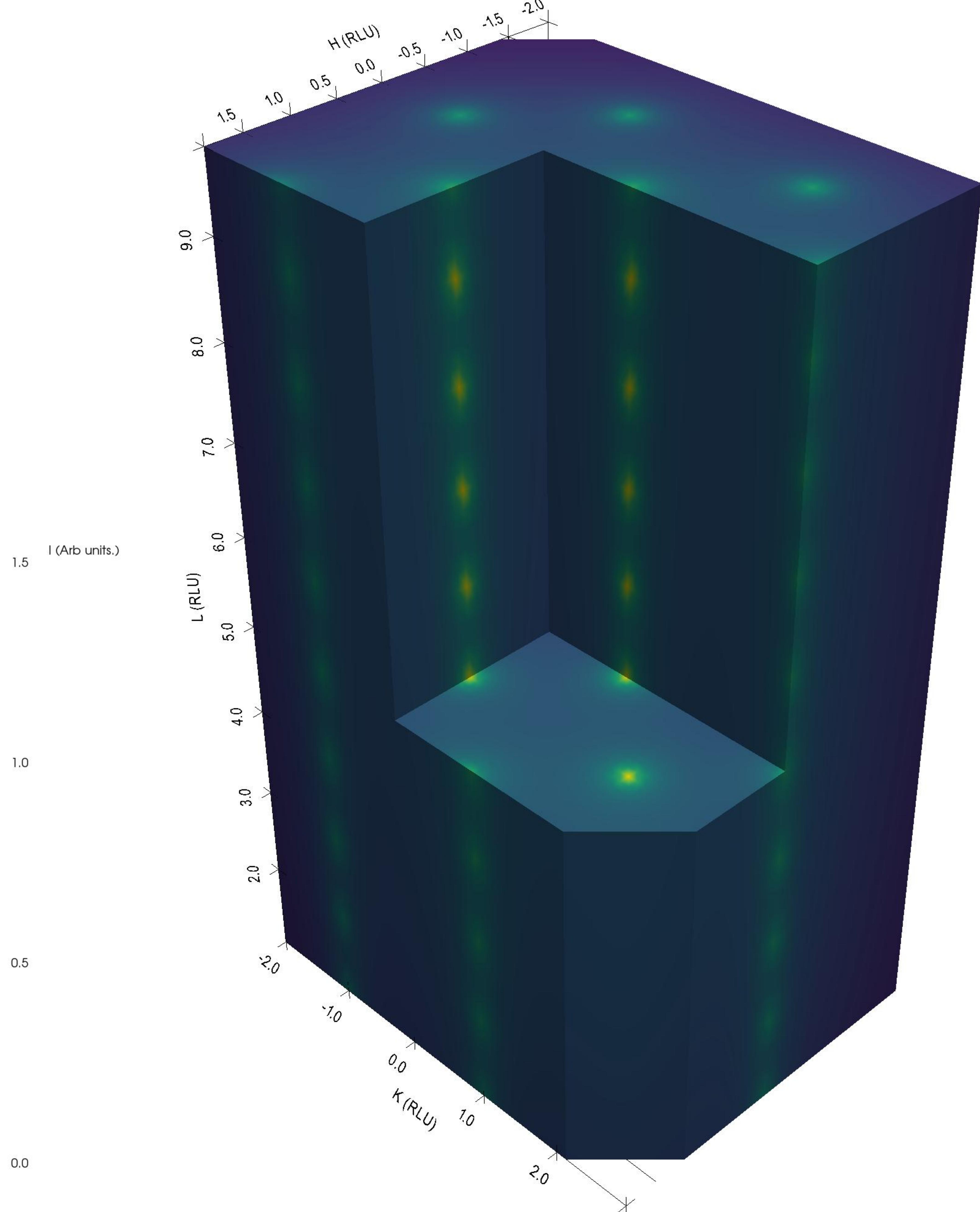


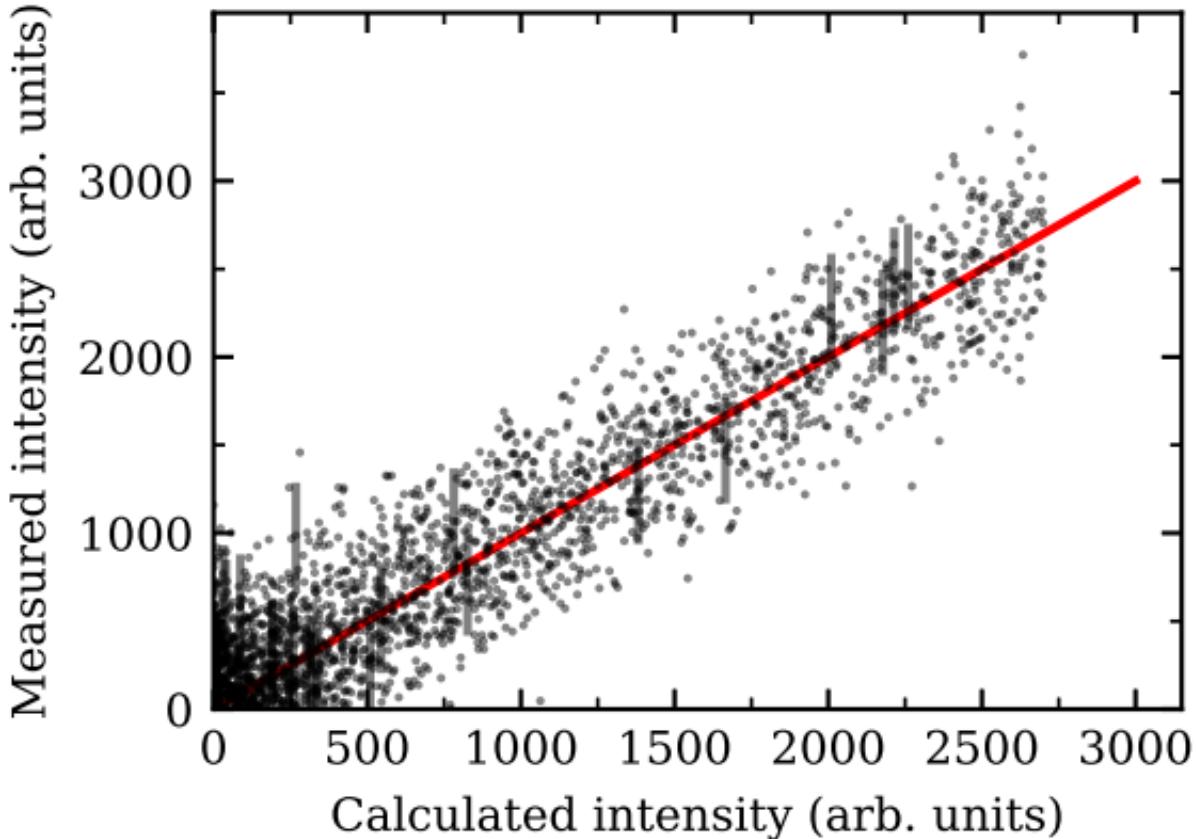




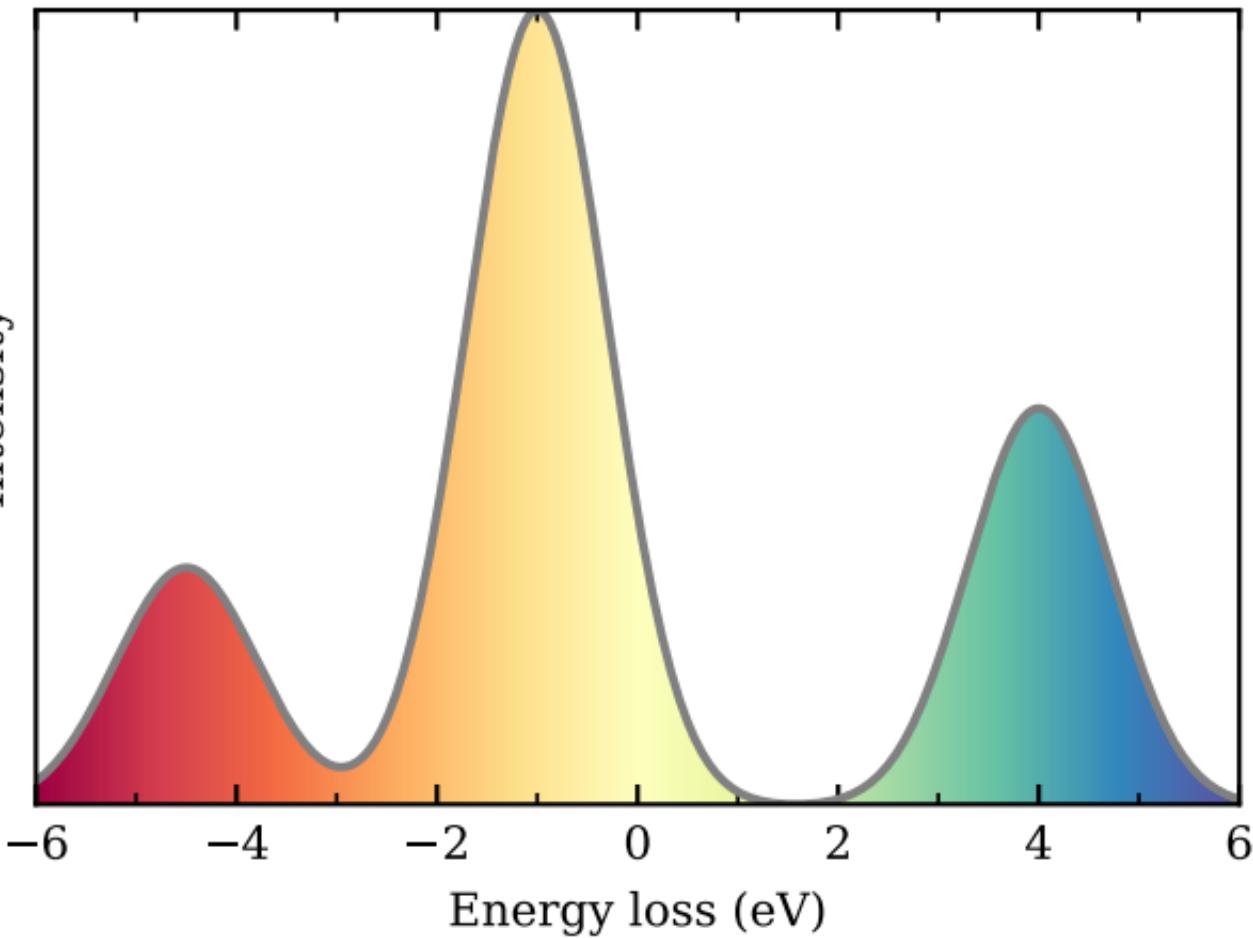




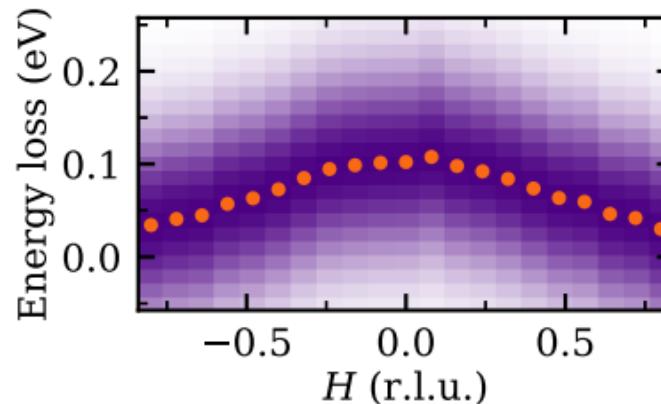
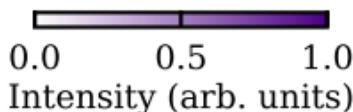




Intensity

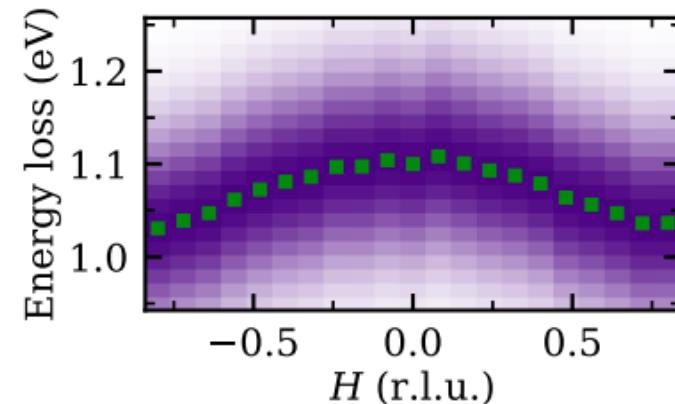
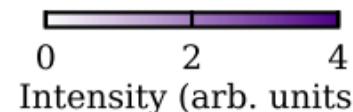


### Bi-magnon



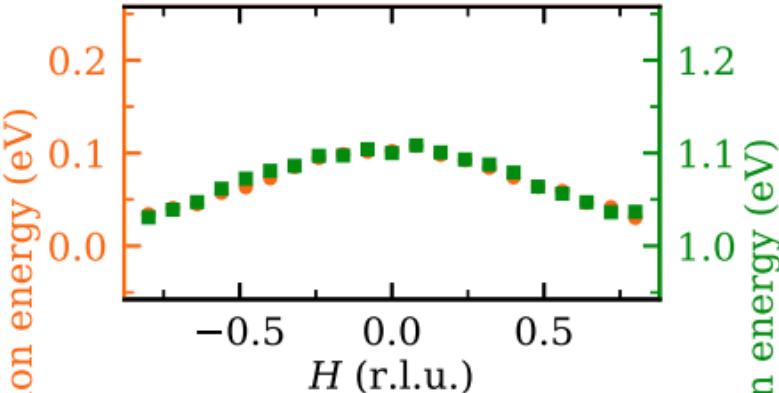
$K$  (r.l.u.)

### Exciton



$K$  (r.l.u.)

### Peak energy



$K$  (r.l.u.)