Structures Report

Reinaldo Zapata

1 Up

sec:up

1.1 $\mathcal{V}^{\rm xb}$ energy range 0.0–0.2 eV

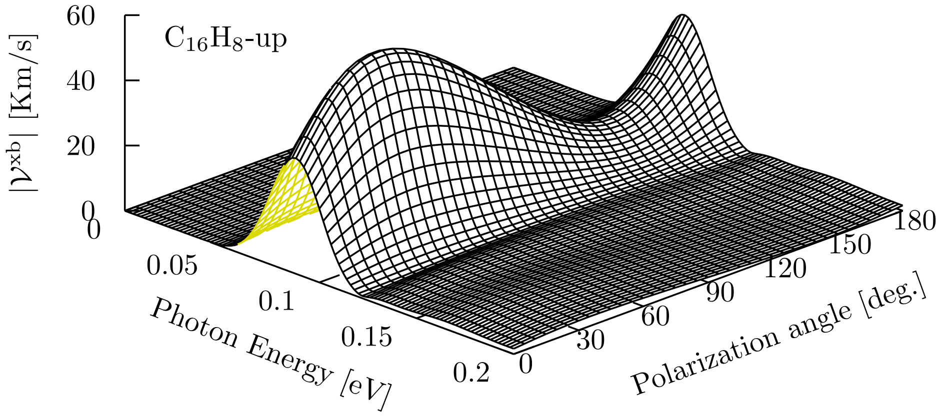

Figure 1: The most intense response for $\mathcal{V}^{\rm xb}$ is for 40°. fig:up-magvxbincang1

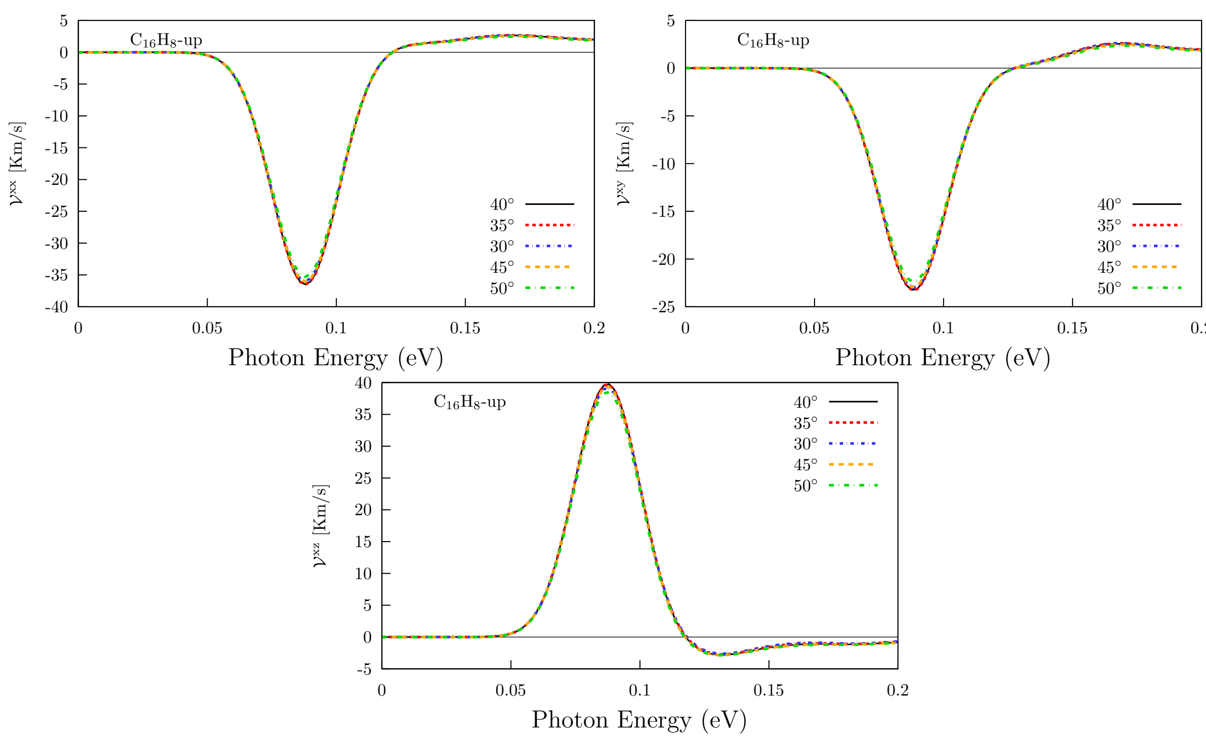

Figure 2: Cheking angle of incidence for xb components for up structure. fig:up-xbangcomp

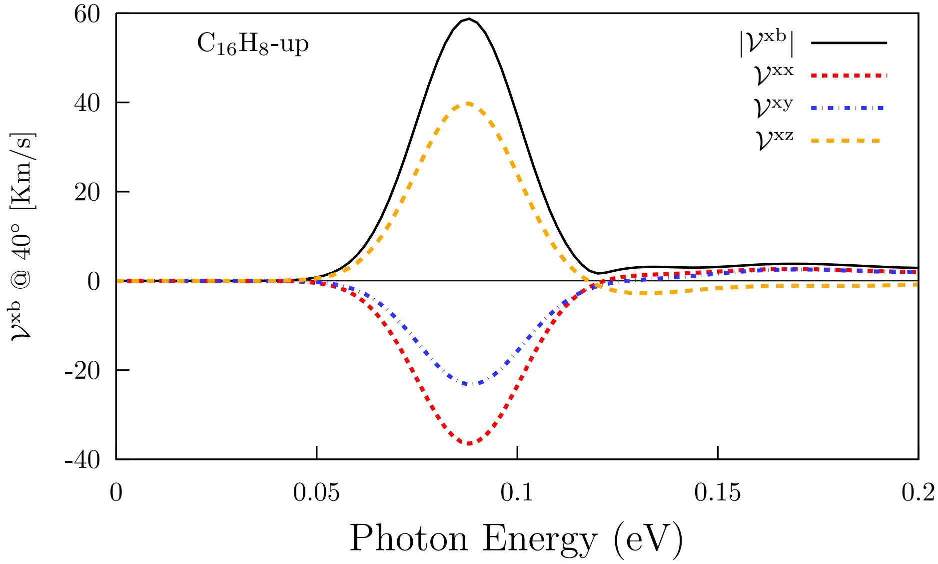

Figure 3: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 40°. `fig:up-vxb1`

1.2 $\mathcal{V}^{\mathrm{yb}}$ energy range 0.0–0.2 eV

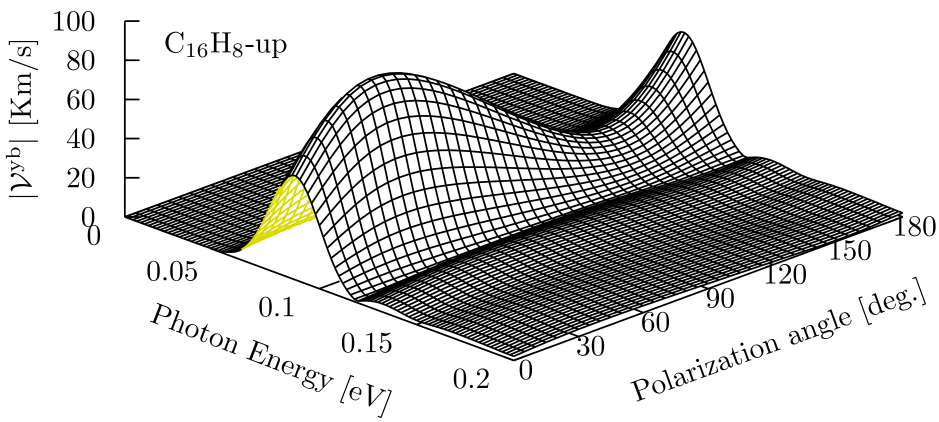

Figure 4: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 40°. `fig:up-magvybincang1`

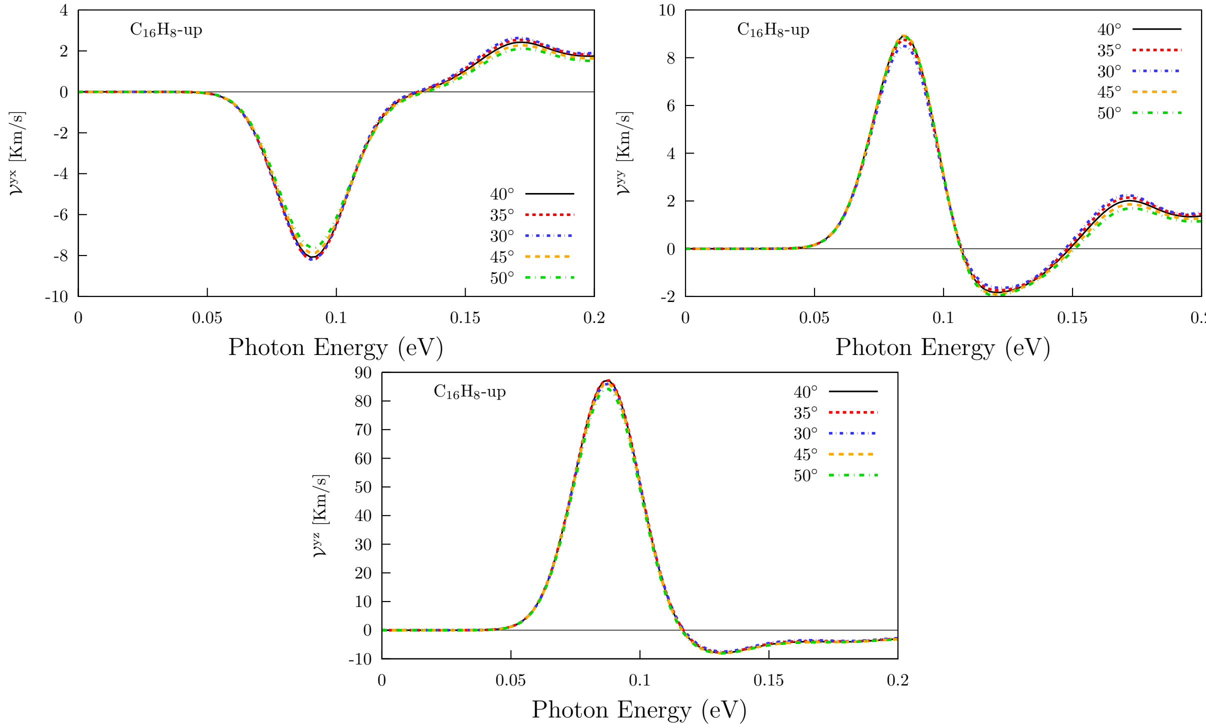

Figure 5: Cheking angle of incidence for yb components. `fig:up-ybangcomp`

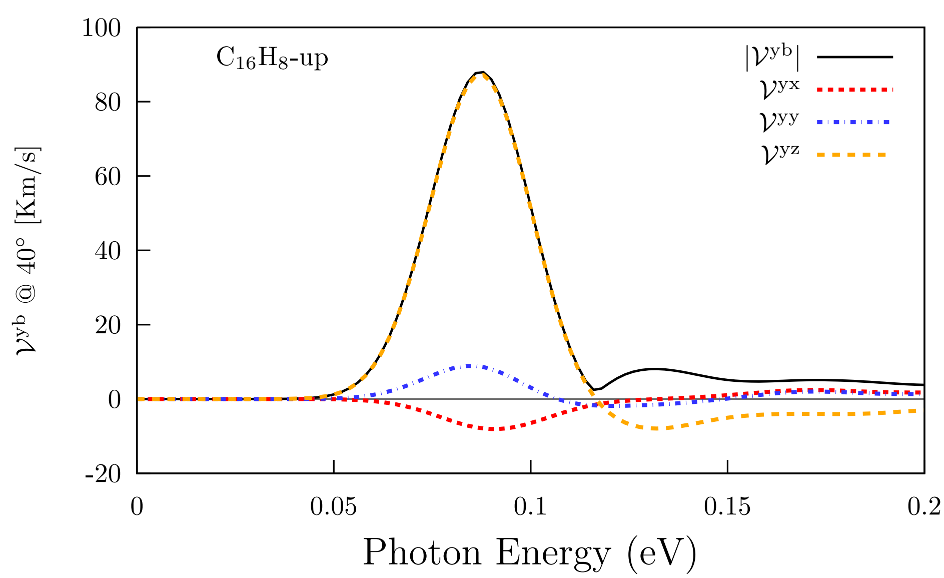

Figure 6: Three components of $\mathcal{V}^{\rm yb}$ @ 40°. `fig:up-vyb1`

1.3 $\mathcal{V}^{\mathrm{xb}}$ energy range 1.8–2.1 eV

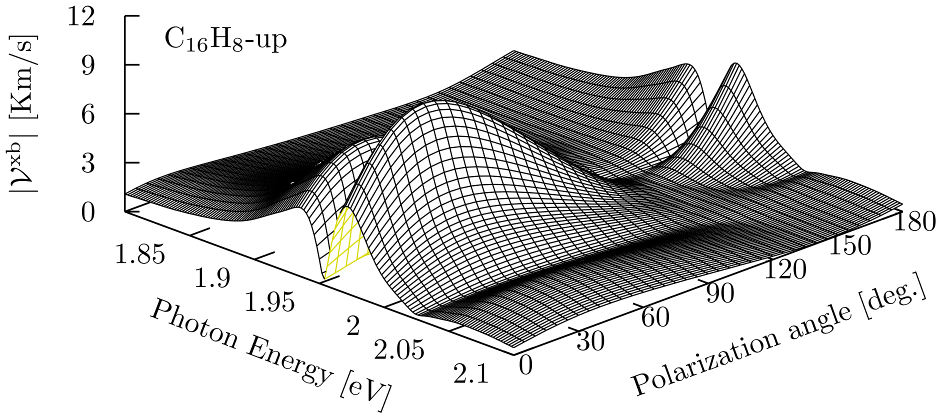

Figure 7: The most intense response for $\mathcal{V}^{\mathrm{xb}}$ is for 40°. fig:up-magxbincang2

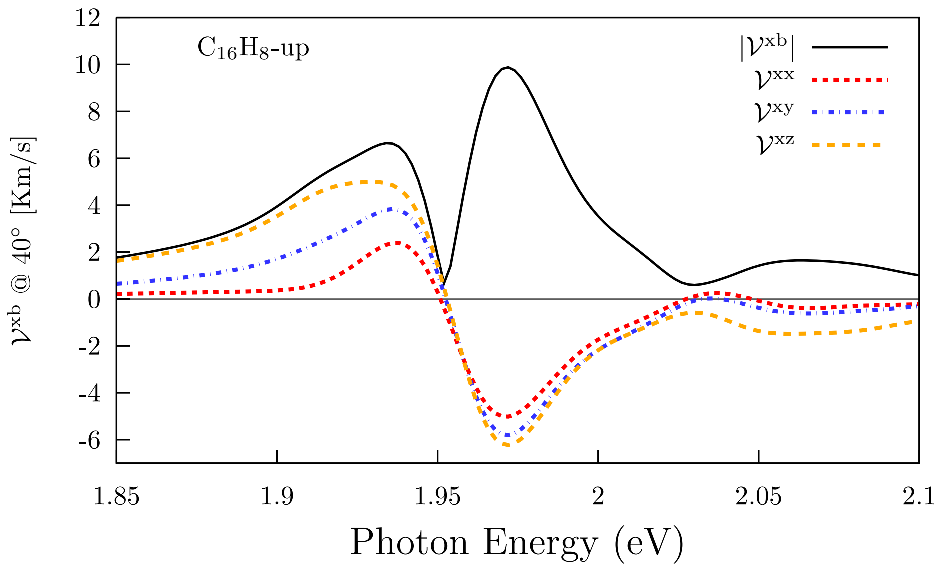

Figure 8: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 40°. fig:up-vxb2

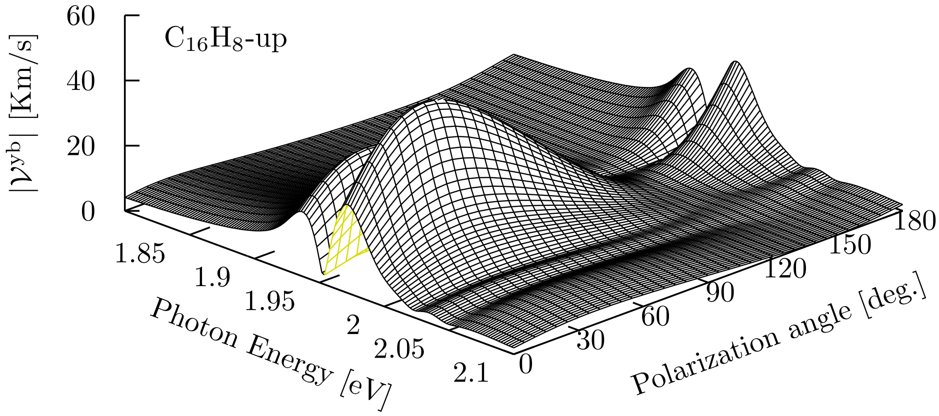

Figure 9: The most intense response for $\mathcal{V}^{yb}$ is for 40°. fig:up-magybincang2

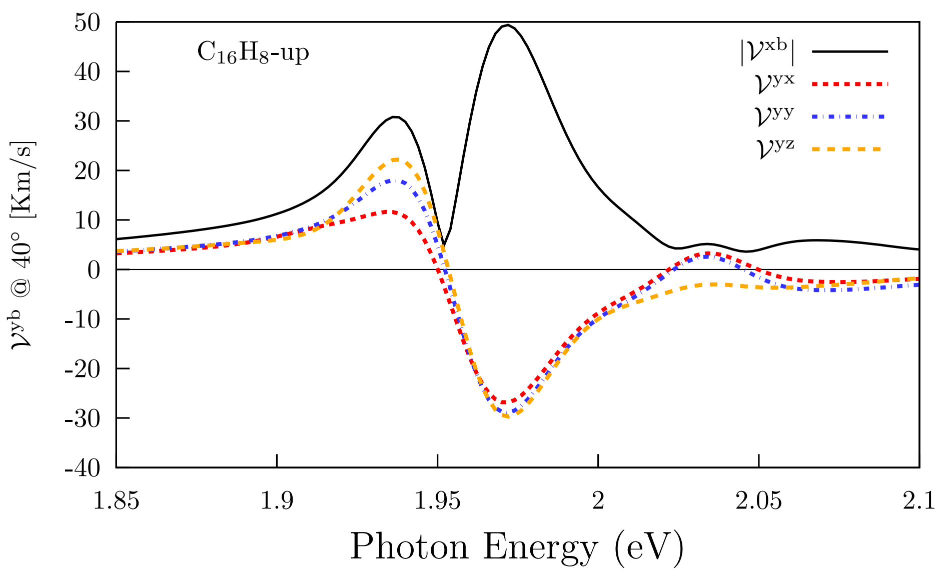

Figure 10: Three components of $\mathcal{V}^{yb}$ @ 40°. fig:upvyb2

1.4 $|\mathcal{V}^{\rm ab}|$, angles θ and φ, layers, and comparison with CdSe and GaAs for the energy range of 0.0–0.2 eV.

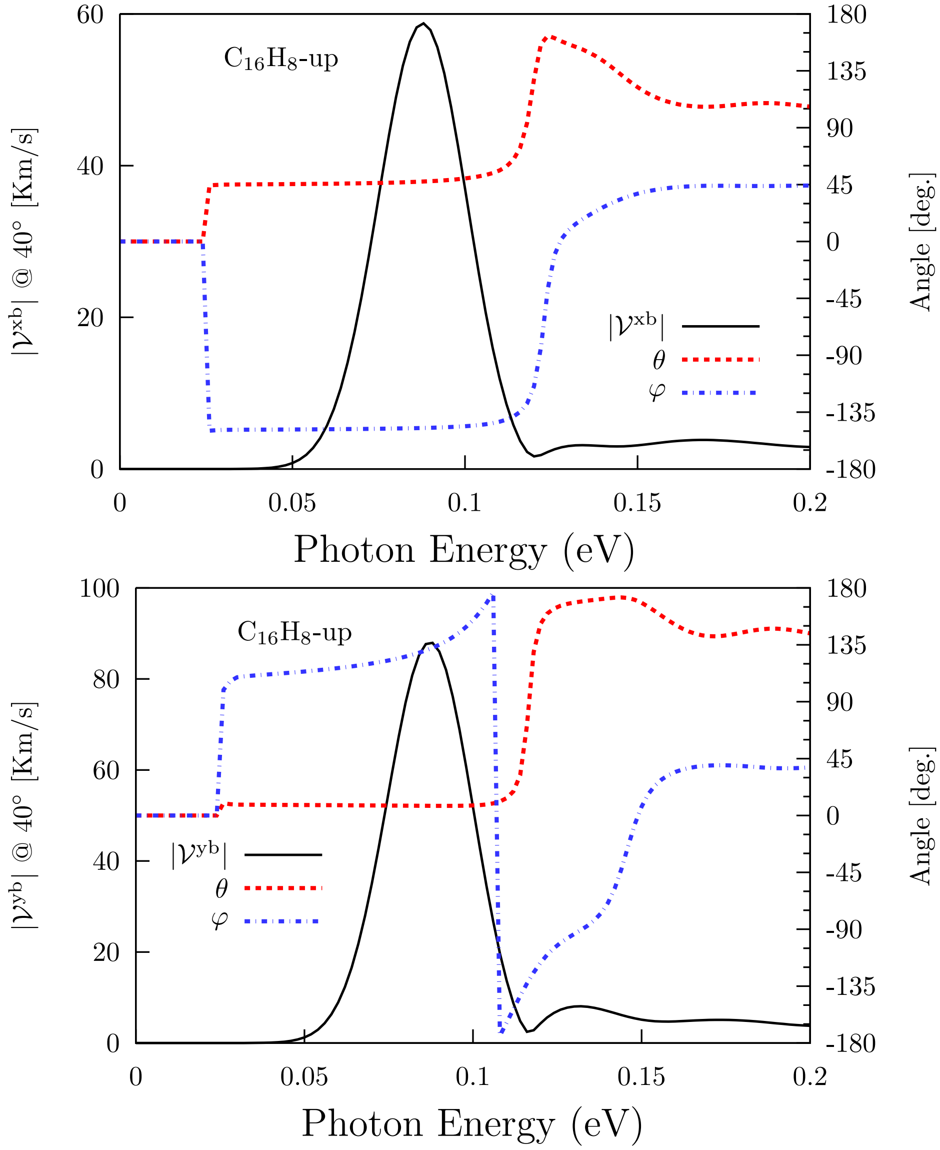

Figure 11: $|\mathcal{V}^{\rm ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale). fig:up-rxp1

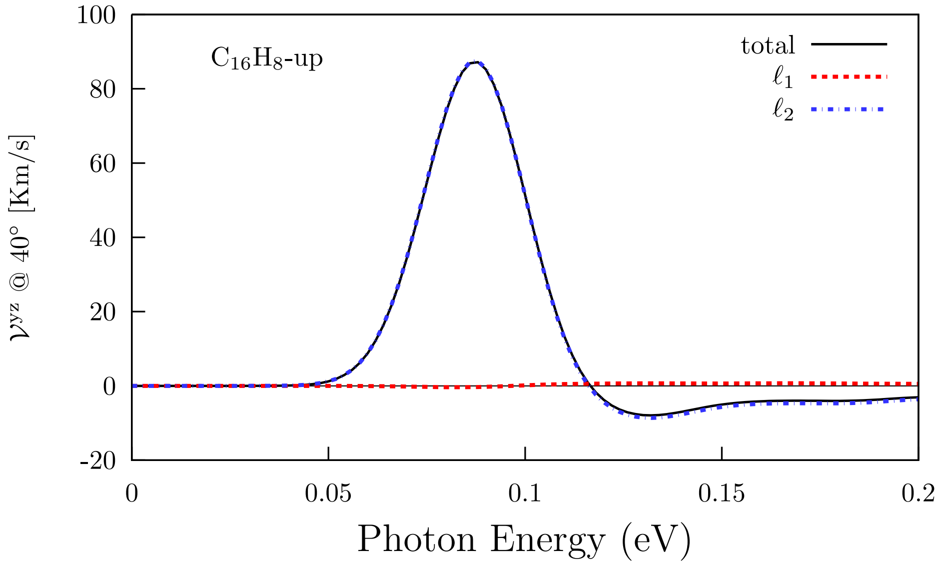

Figure 12: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$. fig:up-lay1

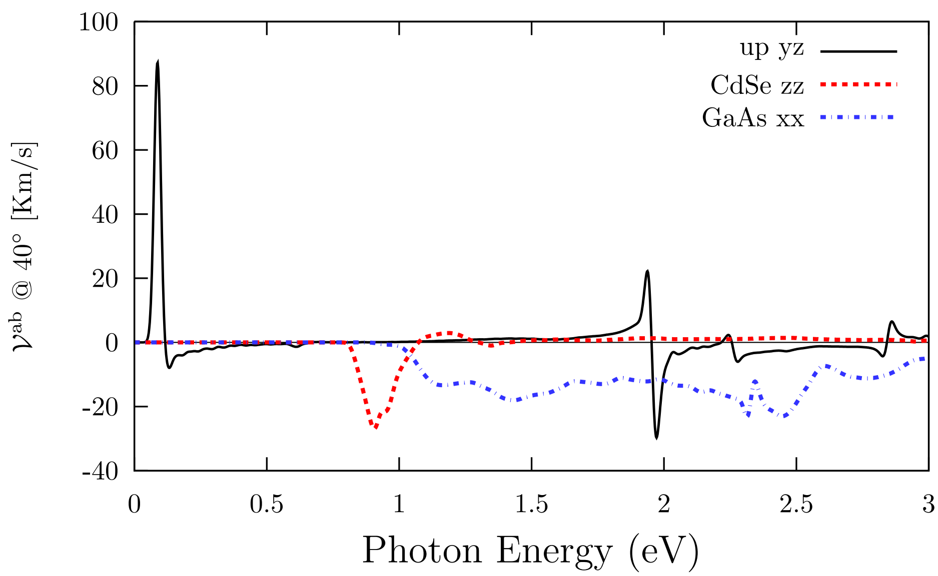

Figure 13: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs. fig:up-comp1

1.5 $|\mathcal{V}^{ab}|$, angles θ and φ, layers, and comparison with CdSe and GaAs for the energy range of 1.8–2.1 eV

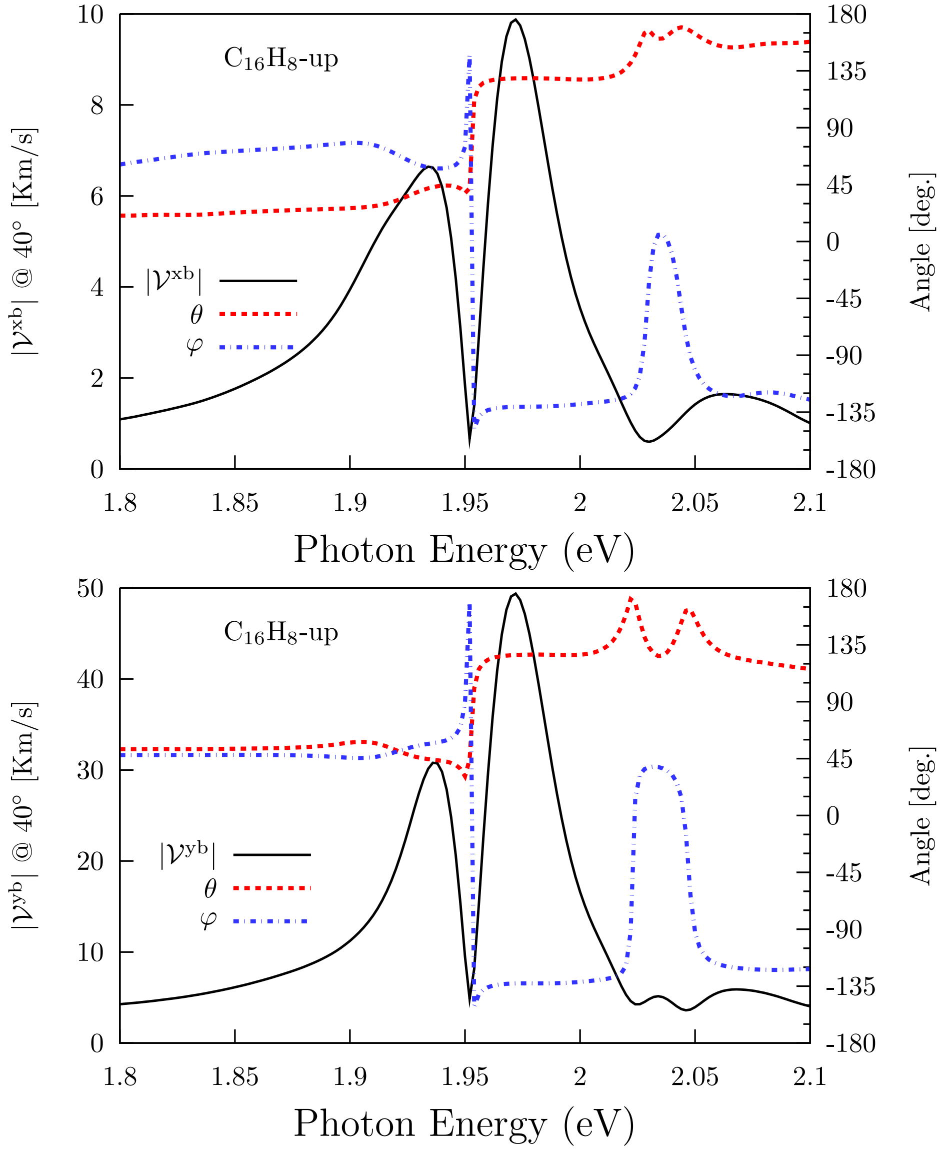

Figure 14: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale). fig:up-rxp2

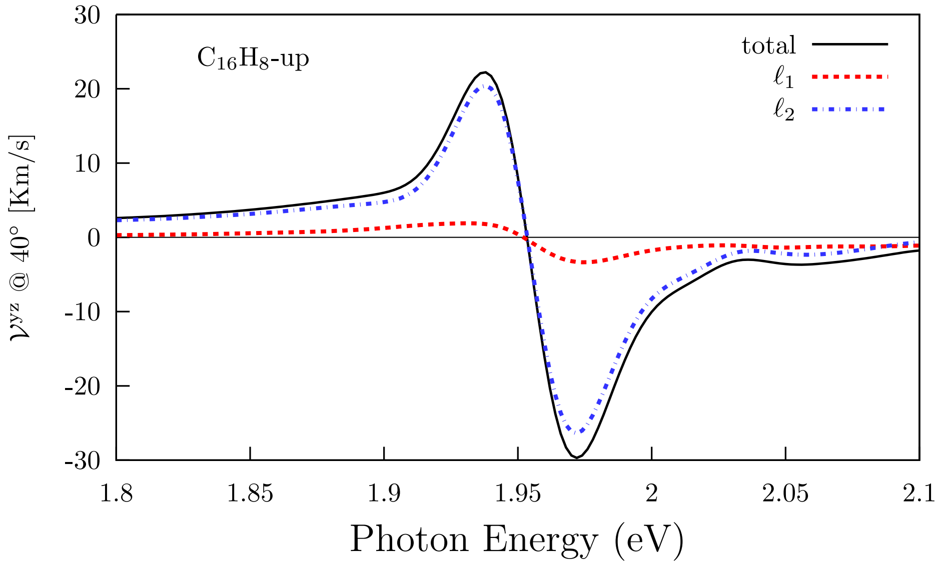

Figure 15: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$. `fig:up-lay2`

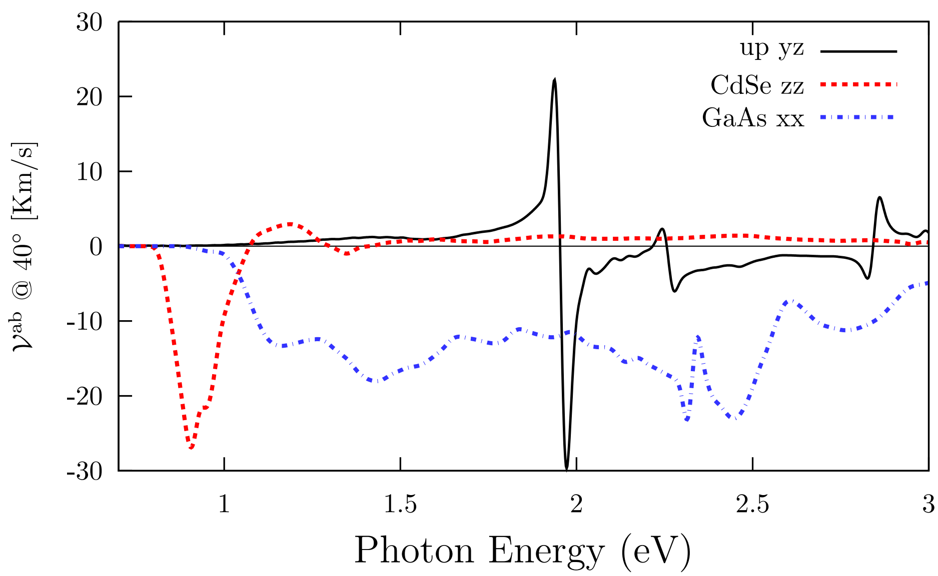

Figure 16: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs. `fig:up-comp2`

2 alt

sec:alt

2.1 $\mathcal{V}^{\rm xb}$

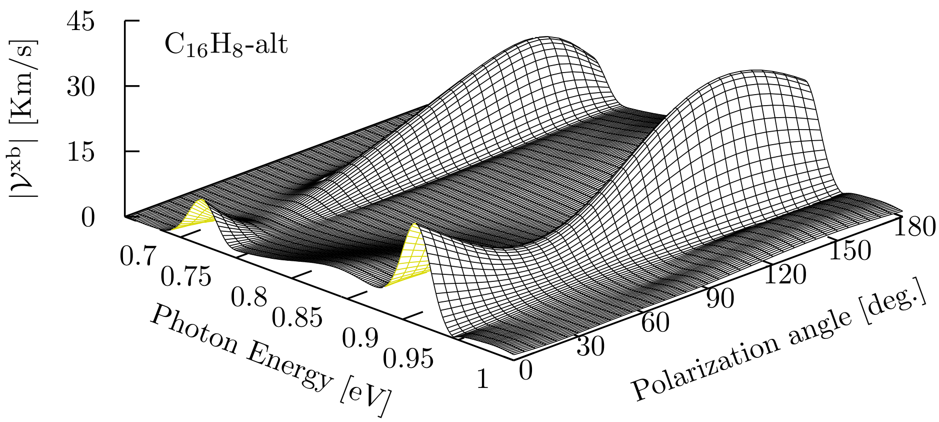

Figure 17: The most intense response for $\mathcal{V}^{\rm xb}$ is for 145°. fig:alt-magvxbincang

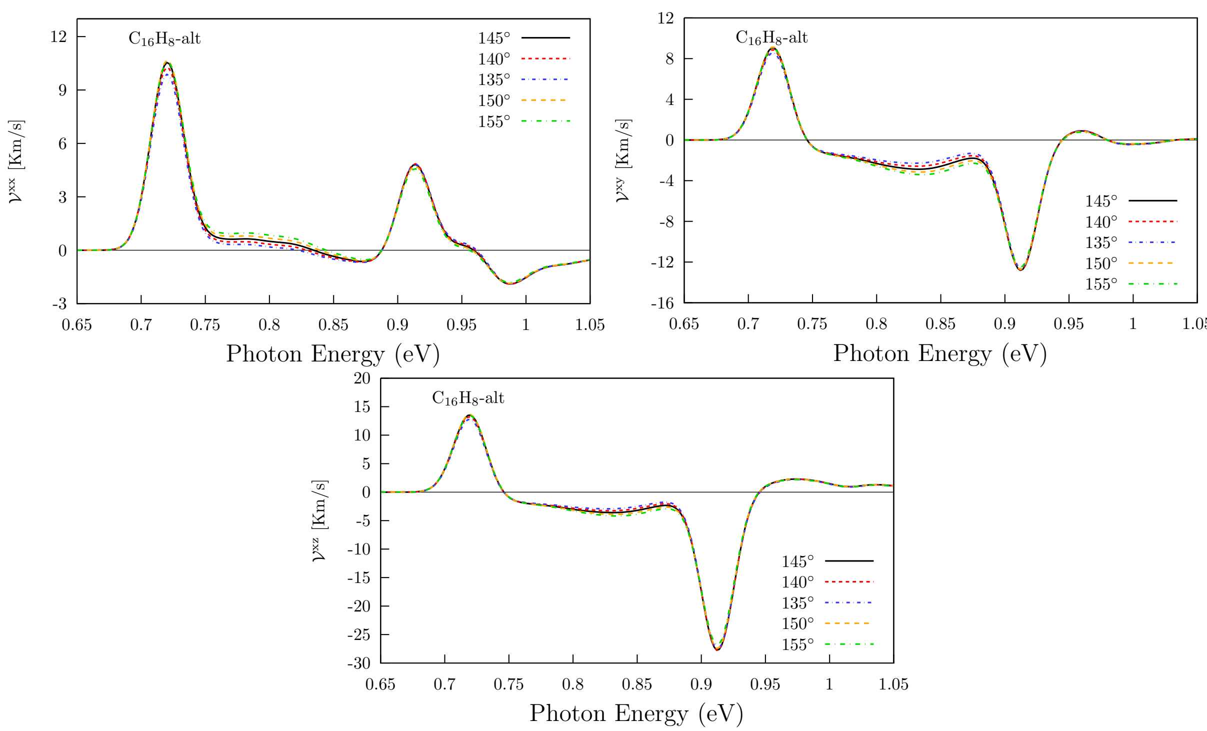

Figure 18: Cheking angle of incidence for xb components. fig:alt-xbangcomp

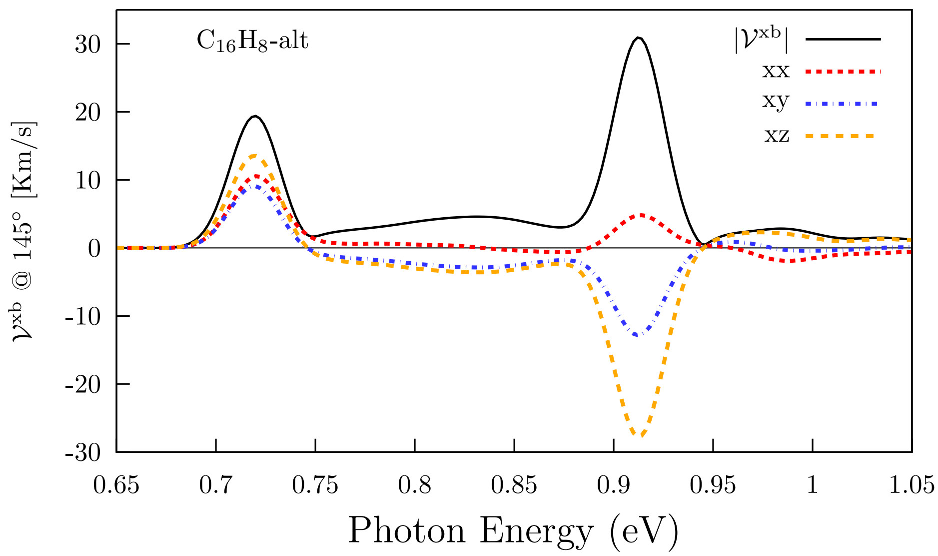

Figure 19: Three components of $\mathcal{V}^{\rm xb}$ @ 145°. fig:alt-vxb1

2.2 $\mathcal{V}^{\rm yb}$

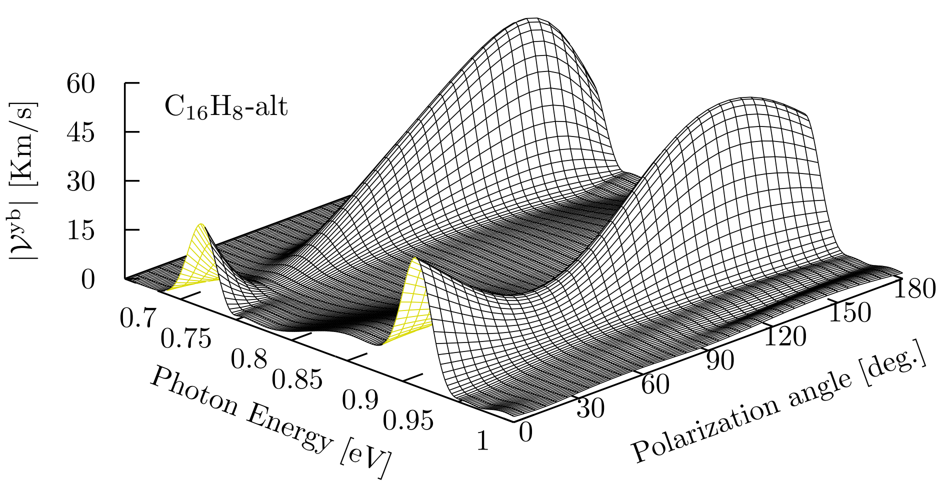

Figure 20: The most intense response for $\mathcal{V}^{\rm yb}$ is for 145°. fig:alt-magvybincang1

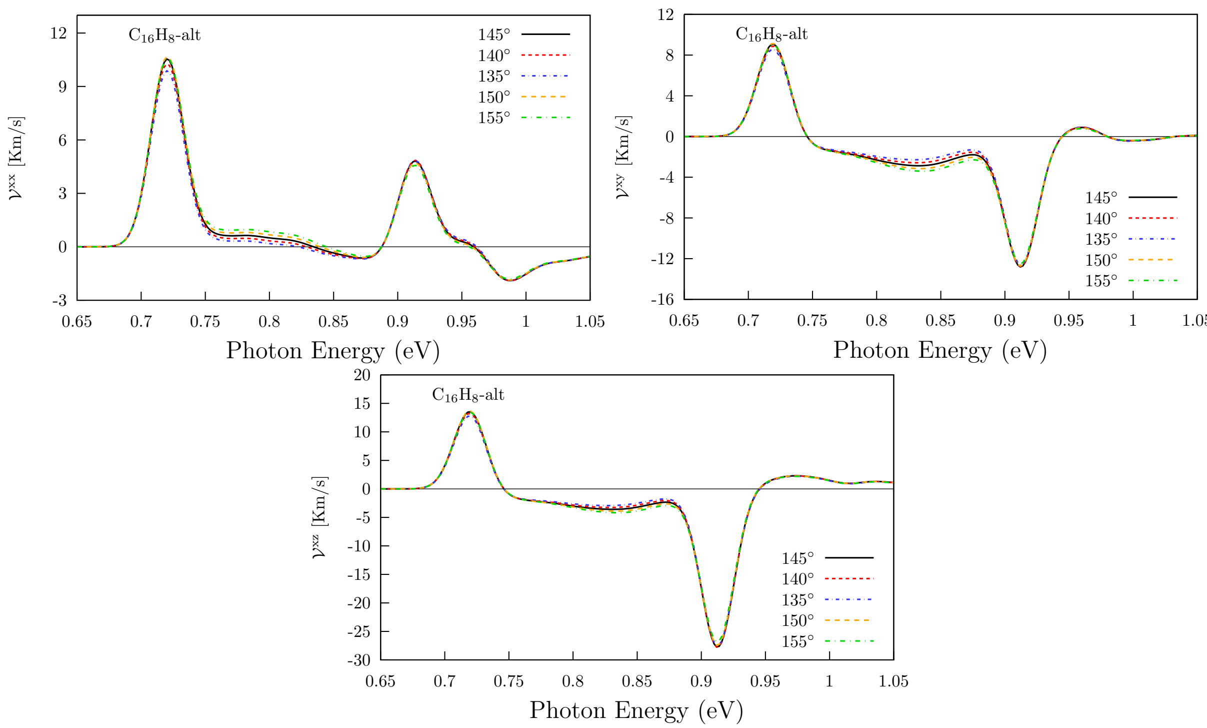

Figure 21: Cheking angle of incidence for yb components. `fig:alt-ybangcomp`

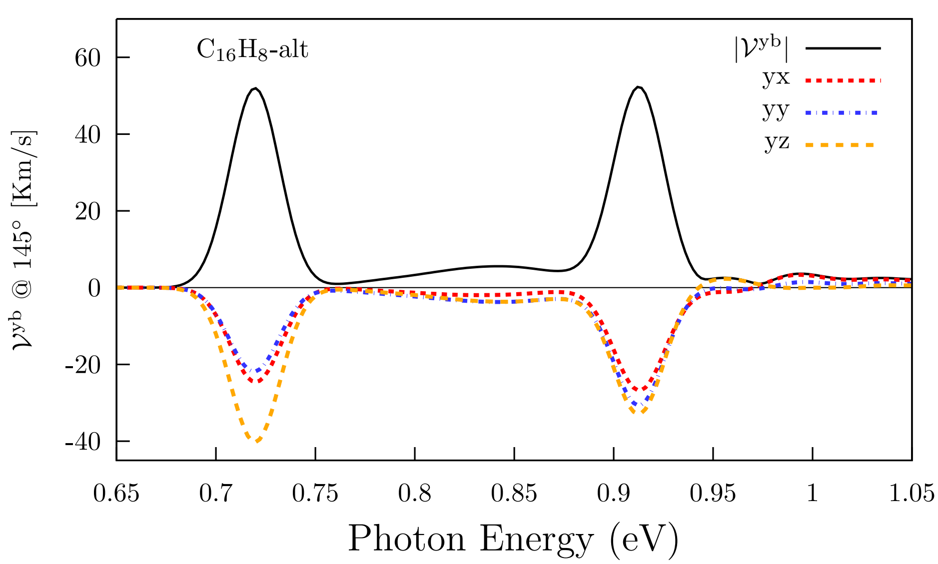

Figure 22: Three components of $\mathcal{V}^{\rm yb}$ @ 145°. `fig:alt-vyb1`

2.3 $|\mathcal{V}^{\rm ab}|$, angles θ and φ, layers, and comparison with CdSe and GaAs.

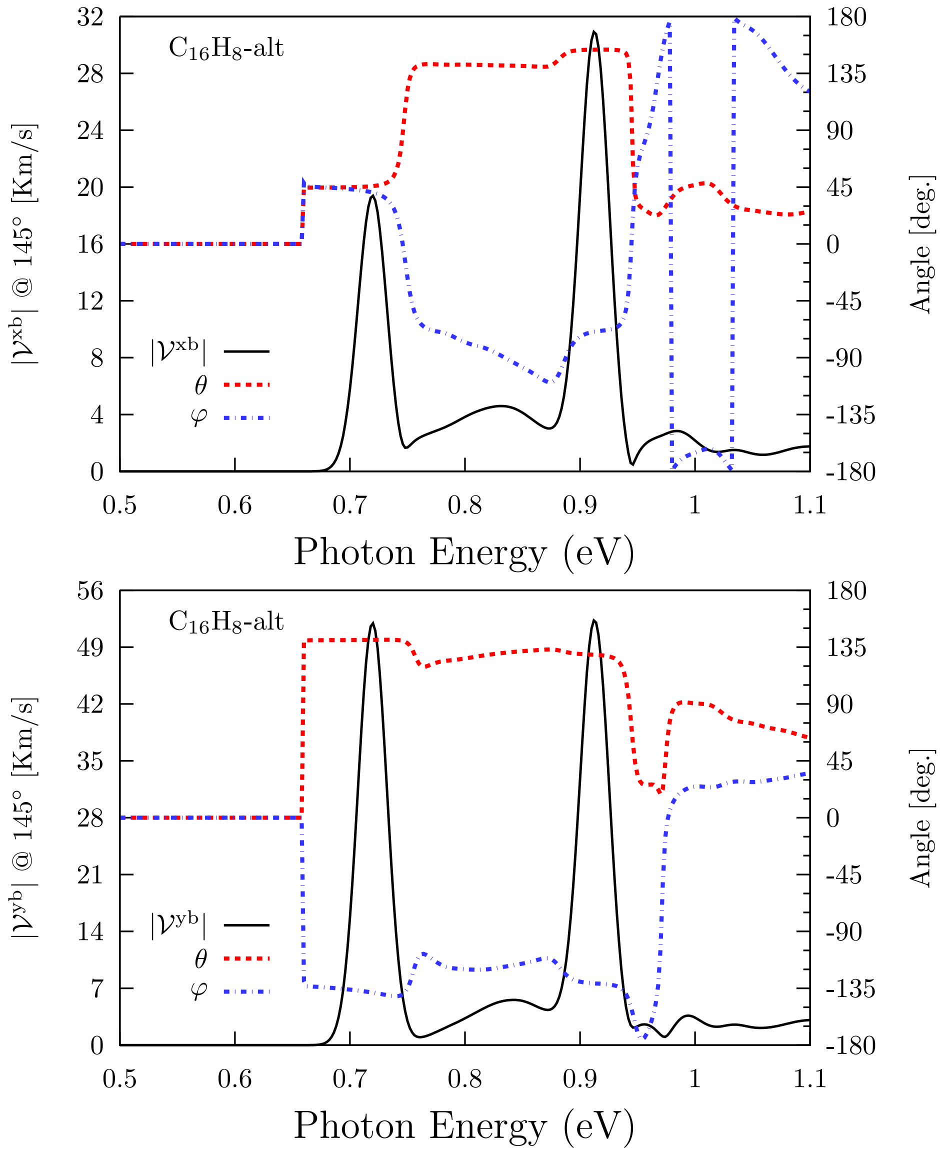

Figure 23: $|\mathcal{V}^{\rm ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale). fig:alt-rtp

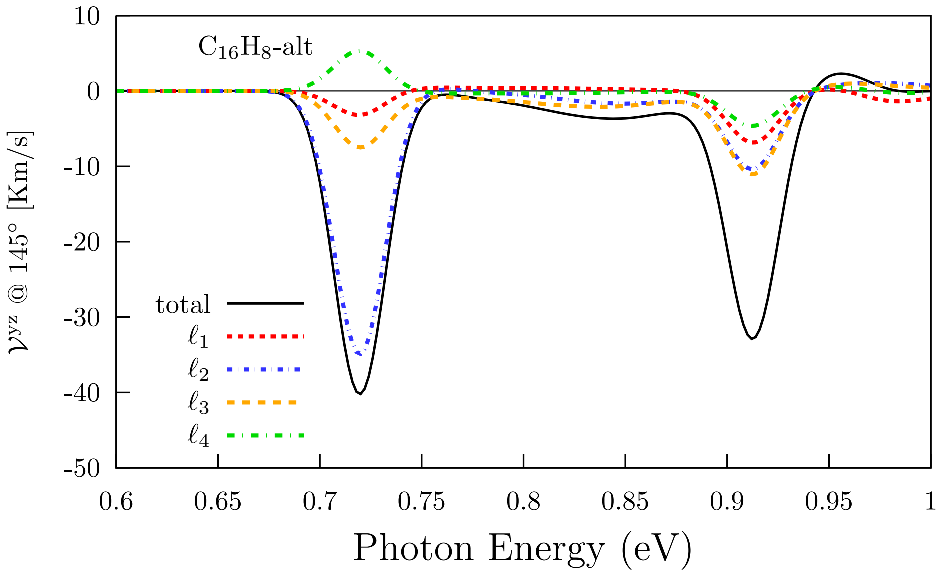

Figure 24: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$. `fig:alt-lay`

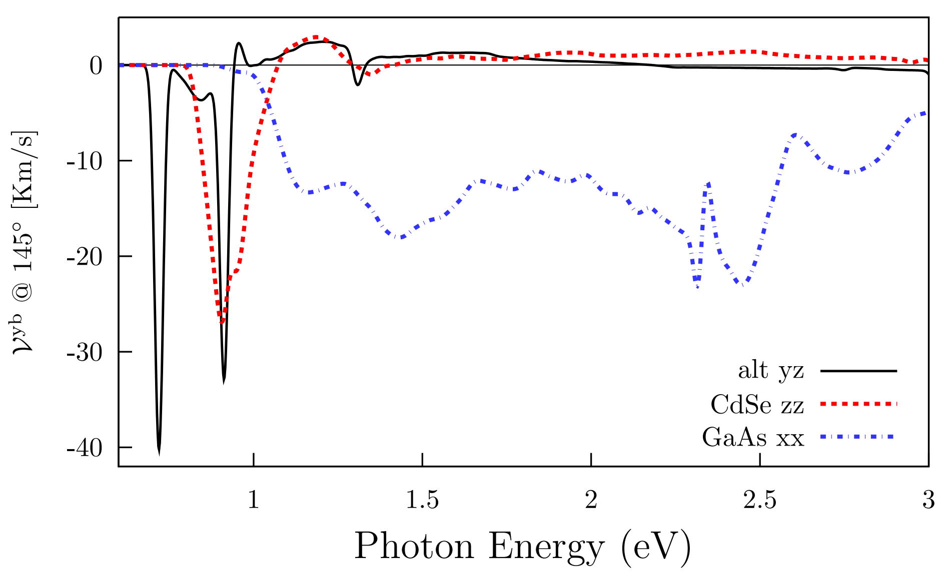

Figure 25: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs. `fig:alt-comp`

3 aa

sec:aa

3.1 $\mathcal{V}^{\mathrm{xb}}$

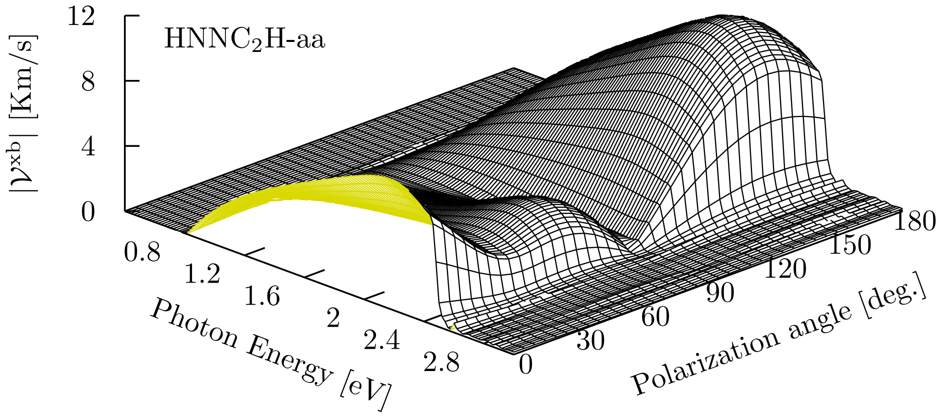

Figure 26: The most intense response for $\mathcal{V}^{\mathrm{xb}}$ is for 155°. fig:aa-magvxbincang

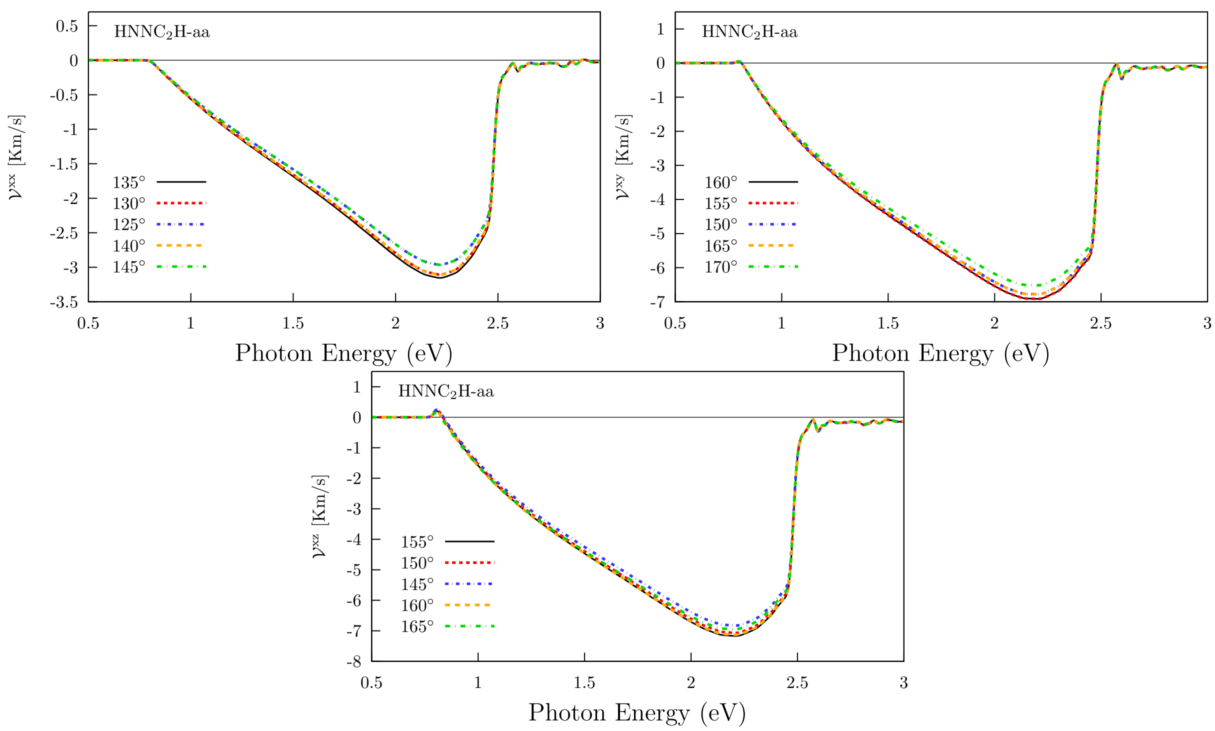

Figure 27: Cheking angle of incidence for *xb* components. There is a different angle for each component to have the most intense response. fig:aa-xbangcomp

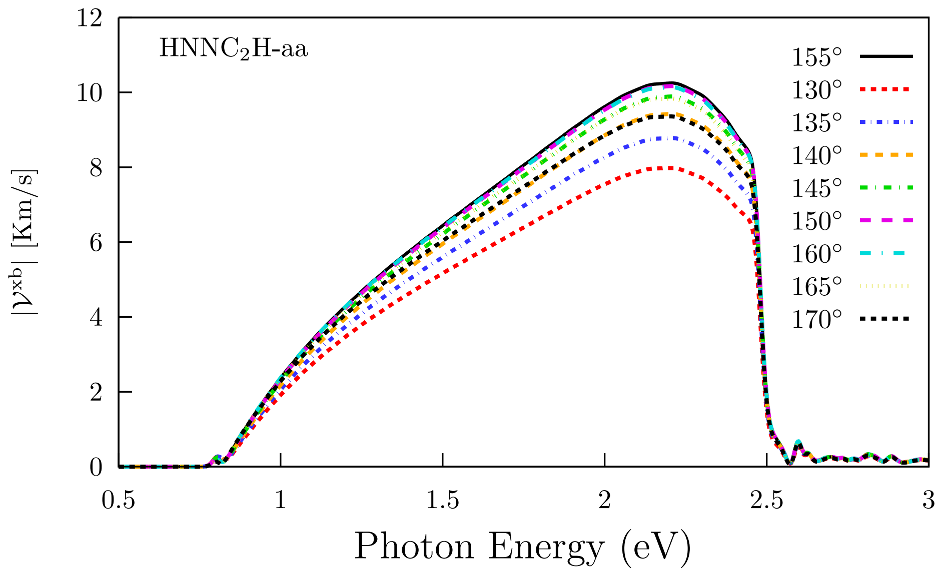

Figure 28: Comparisson of $|\mathcal{V}^{\rm xb}|$ for different polarization angles. fig:aa-magvxb

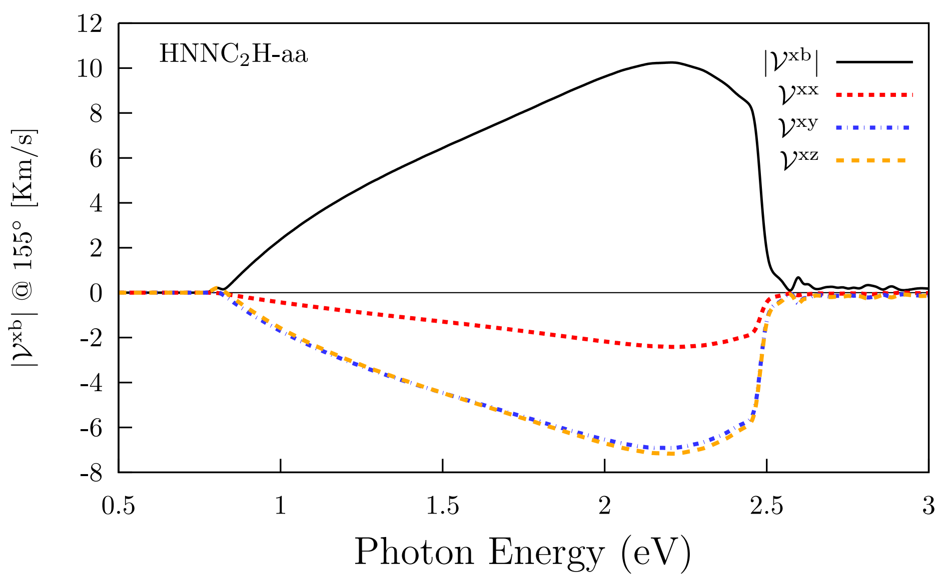

Figure 29: Three components of $\mathcal{V}^{\rm xb}$ @ 155°. fig:aa-vxb1

3.2 $\mathcal{V}^{\rm yb}$

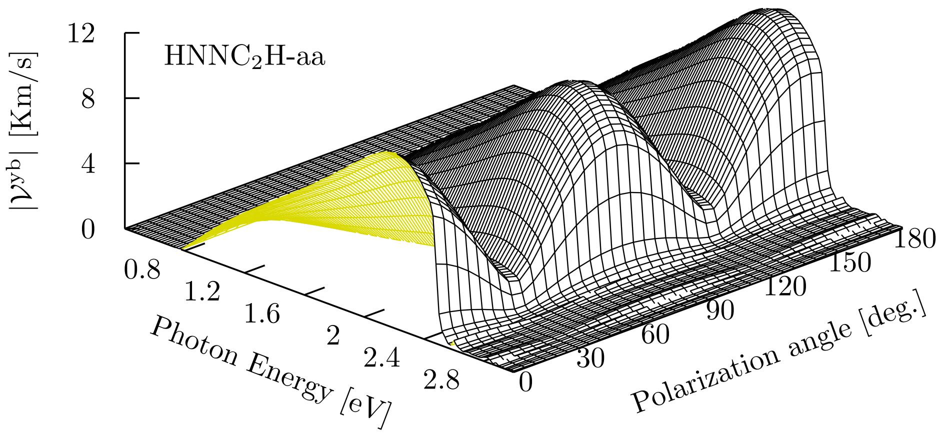

Figure 30: The most intense response for $\mathcal{V}^{\rm yb}$ is for 155°. fig:aa-magvybincang

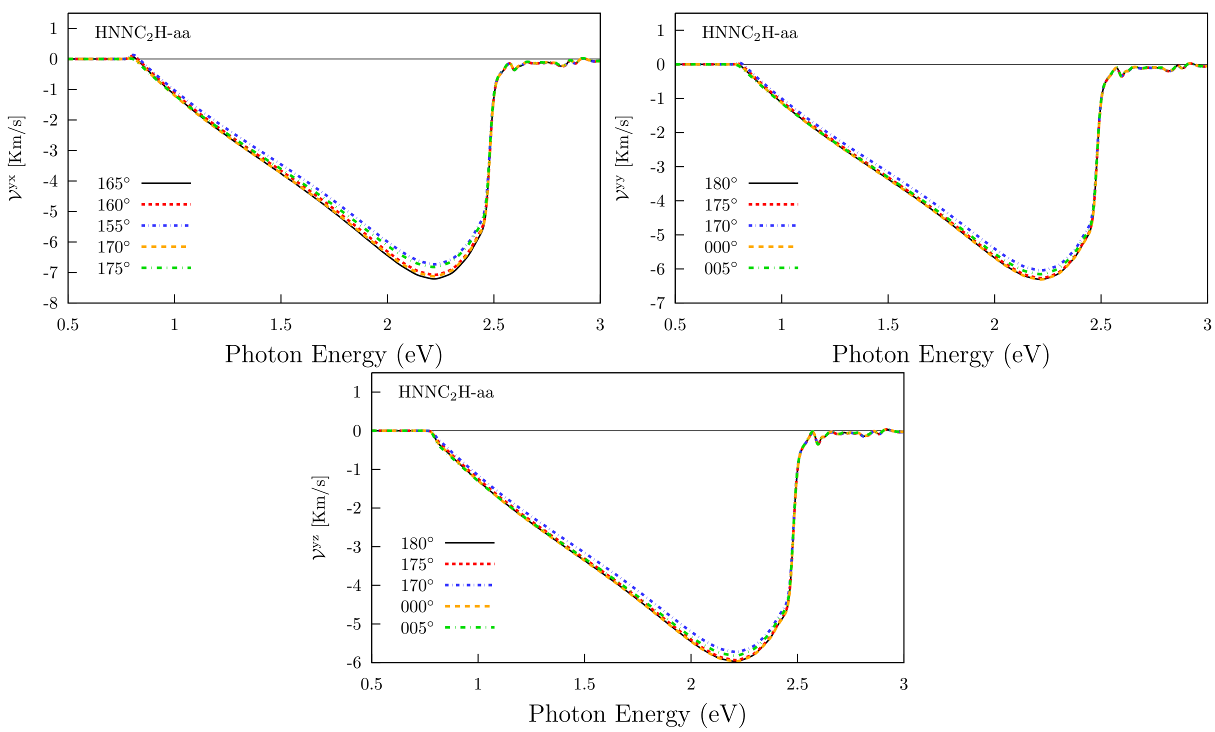

Figure 31: Cheking angle of incidence for yb components. There is a different angle for each component to have the most intense response. fig:aa-ybangcomp

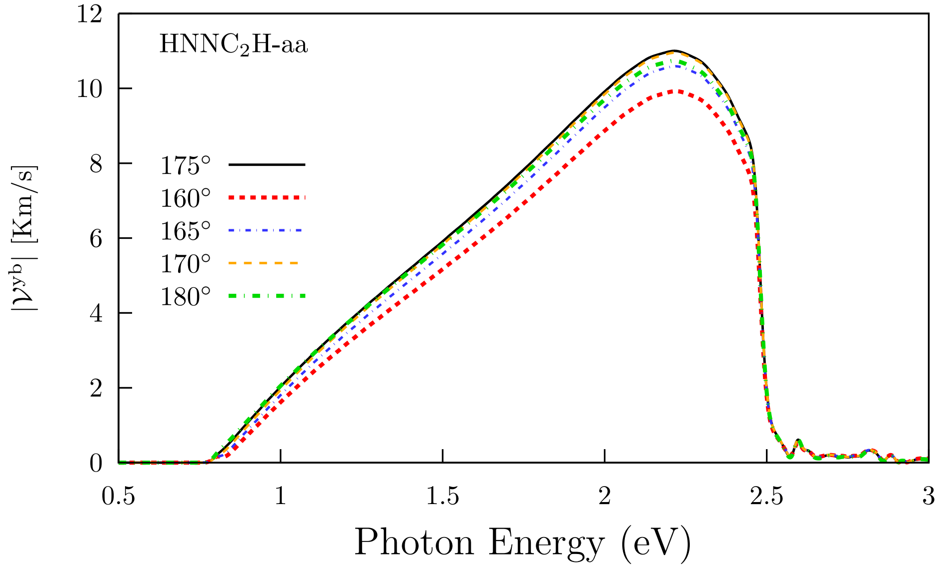

Figure 32: Comparisson of $|\mathcal{V}^{\mathrm{yb}}|$ for different polarization angles.

fig:aa-magvyb

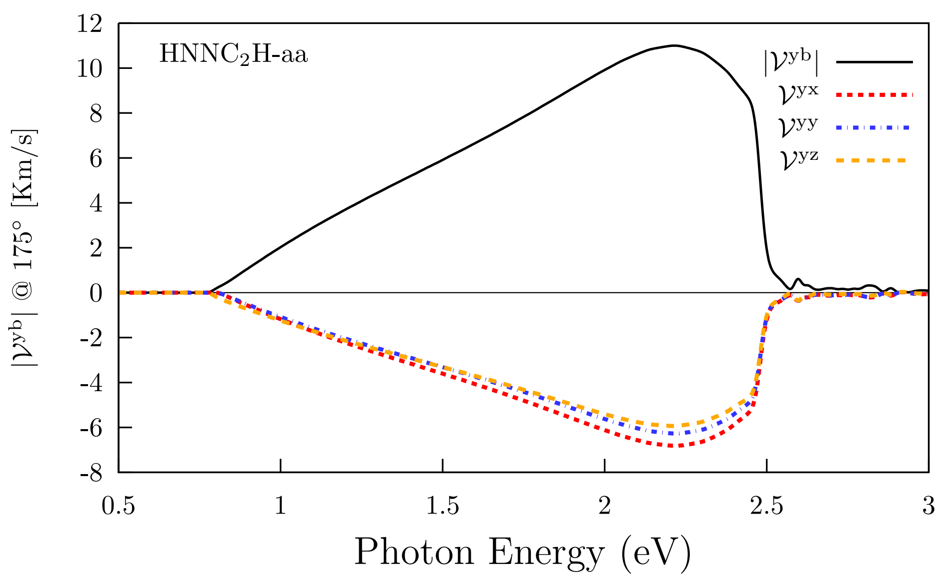

Figure 33: Three components of $\mathcal{V}^{\mathrm{yb}}$ @ 175°.

fig:aa-vyb2

3.3 $|\mathcal{V}^{\rm ab}|$, angles θ and φ, layers, and comparison with CdSe and GaAs.

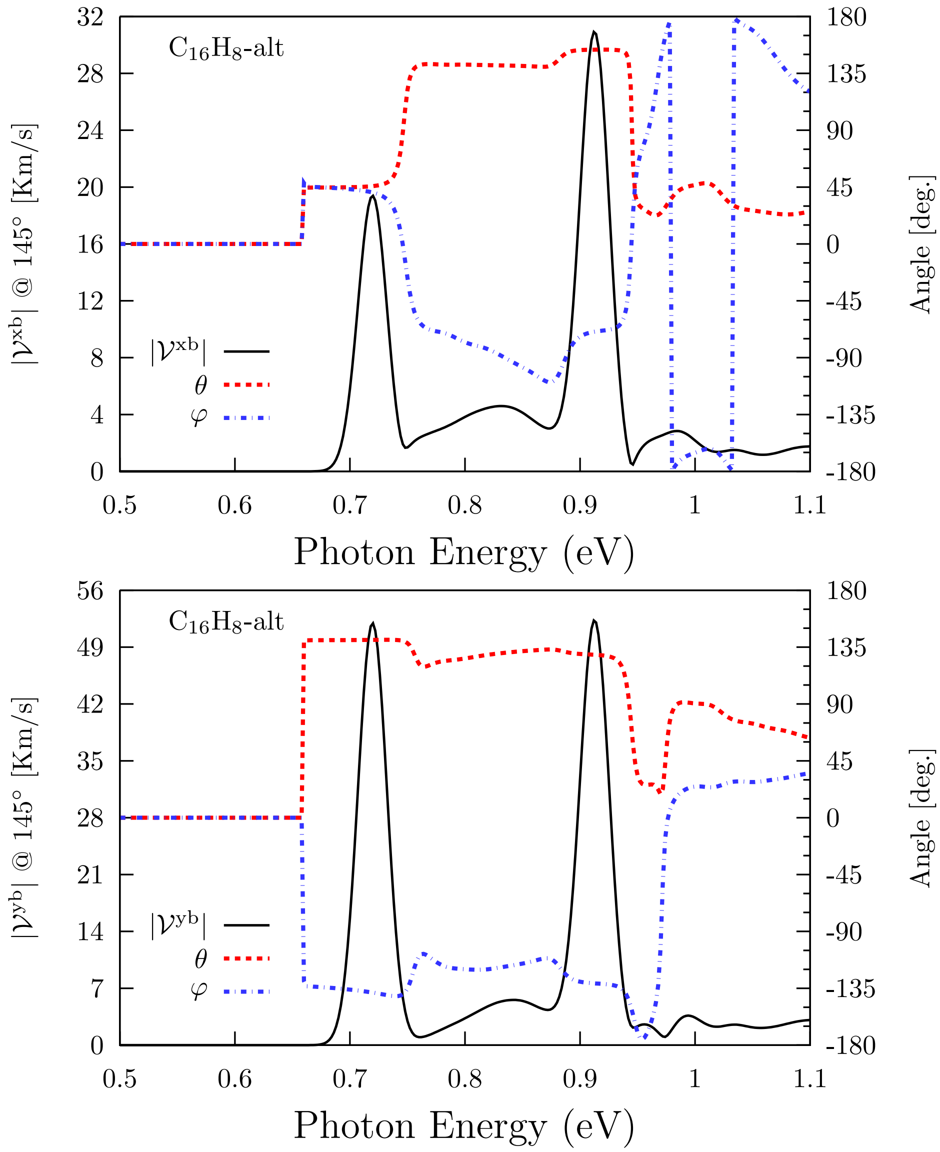

Figure 34: $|\mathcal{V}^{\rm ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale). fig:aa-rtp

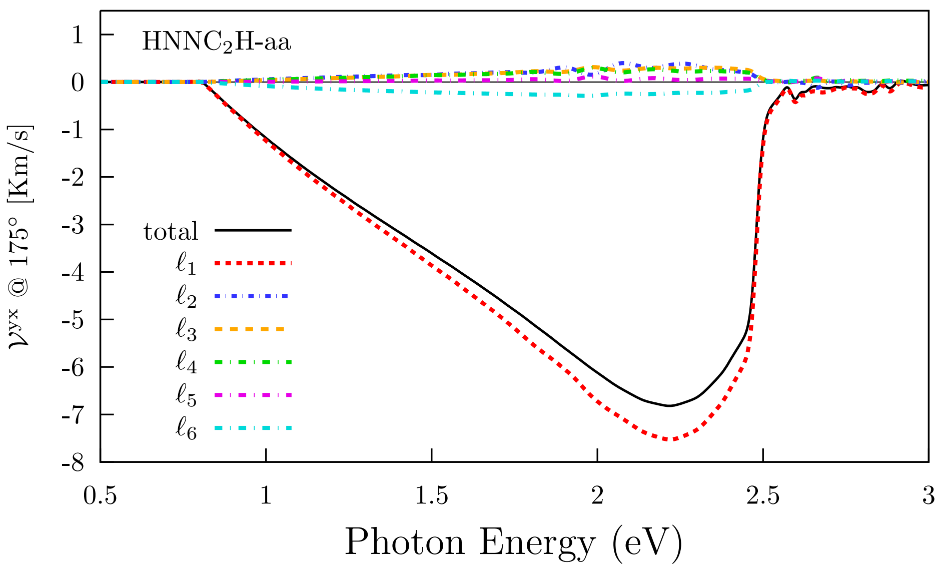

Figure 35: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$. fig:aa-lay

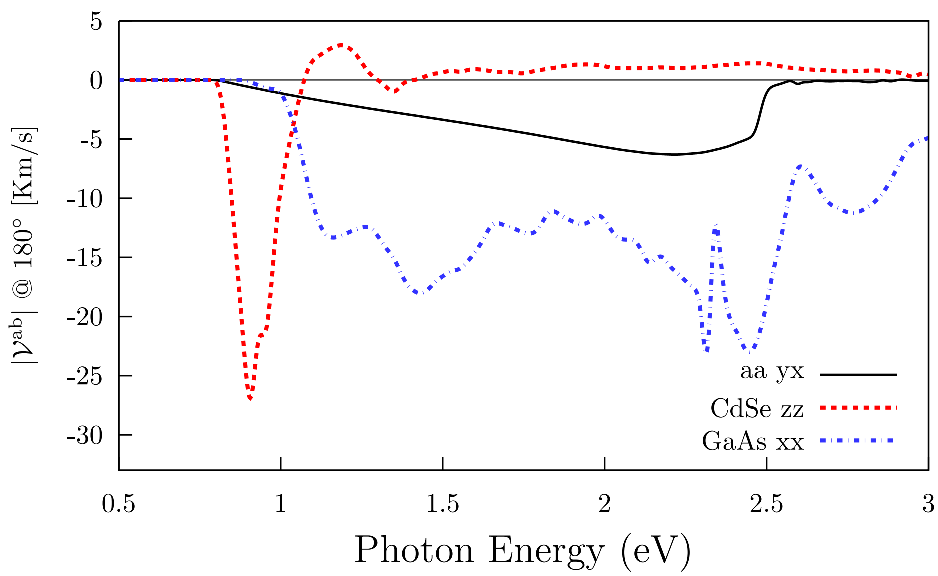

Figure 36: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs. fig:aa-comp

4 ab

sec:ab

4.1 $\mathcal{V}^{\mathrm{xb}}$

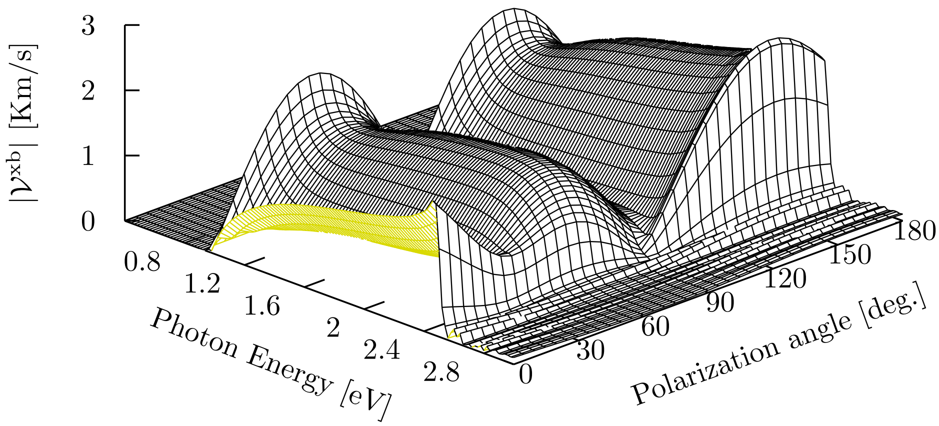

Figure 37: The most intense response for $\mathcal{V}^{\mathrm{xb}}$ is for 155°. fig:ab-magvxbincang

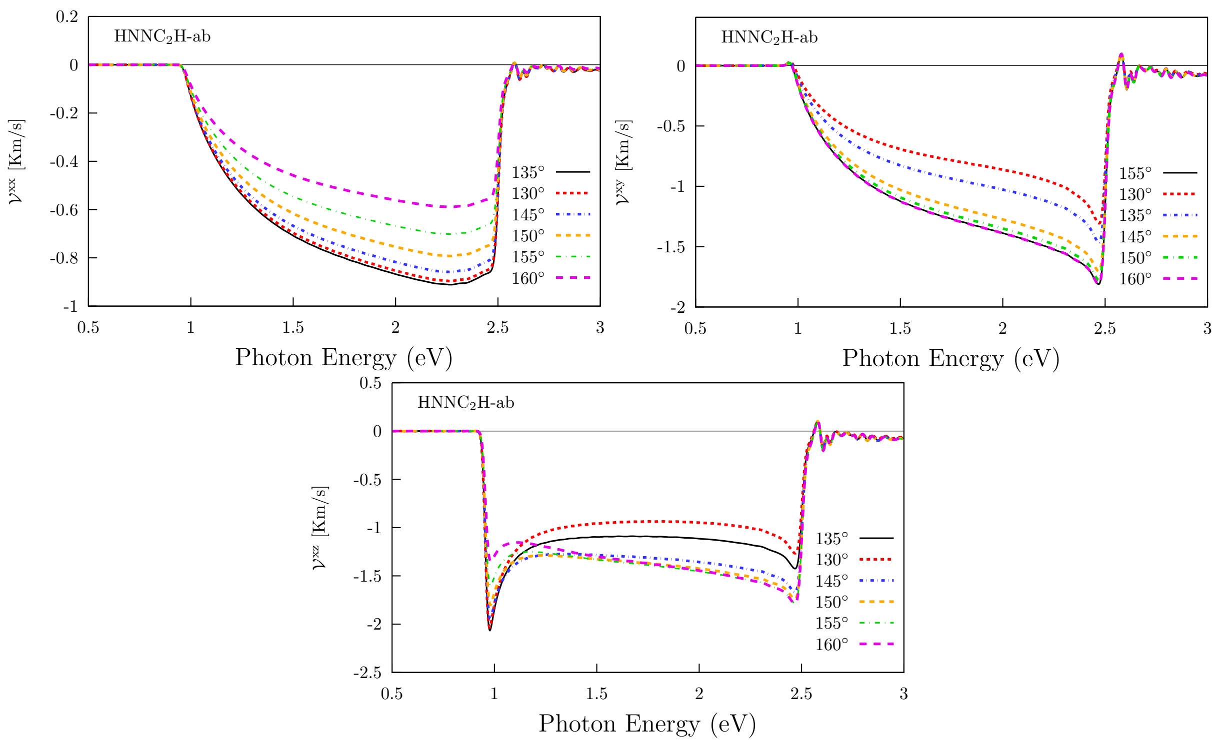

Figure 38: Cheking angle of incidence for xb components. There is a different angle for each component to have the most intense response. fig:ab-xbangcomp

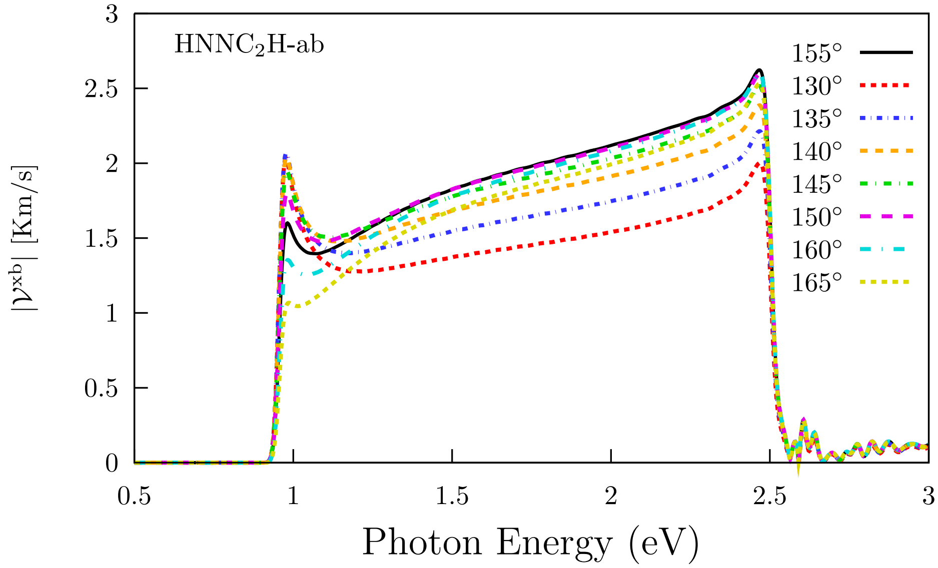

Figure 39: Comparisson of $|\mathcal{V}^{\mathrm{xb}}|$ for different polarization angles. fig:ab-magvxb

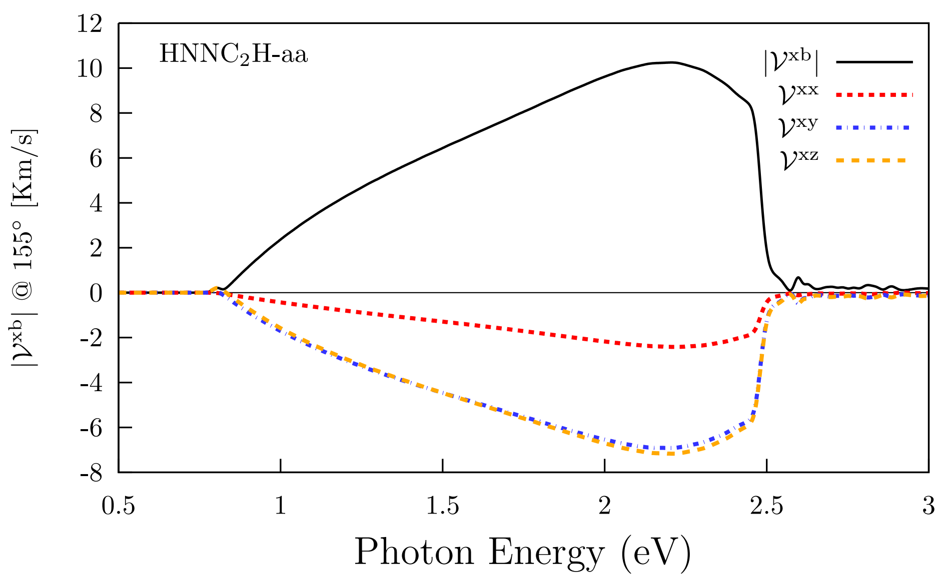

Figure 40: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 155°. fig:ab-vxb

4.2 $\mathcal{V}^{\mathrm{yb}}$

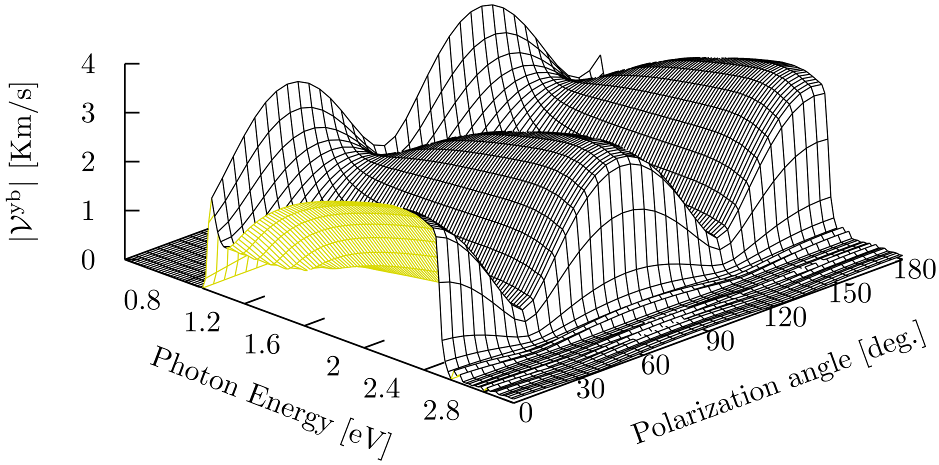

Figure 41: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 155°. `fig:ab-magvybincang`

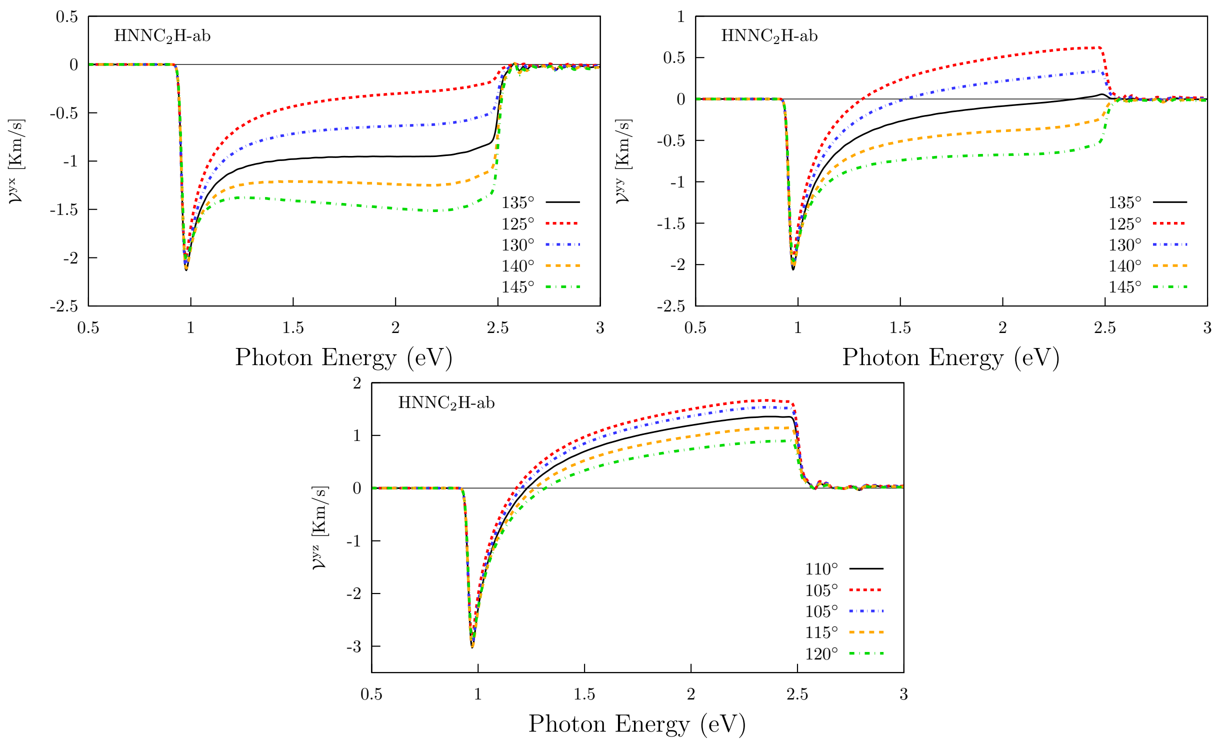

Figure 42: Cheking angle of incidence for *yb* components. There is a different angle for each component to have the most intense response. `fig:ab-ybangcomp`

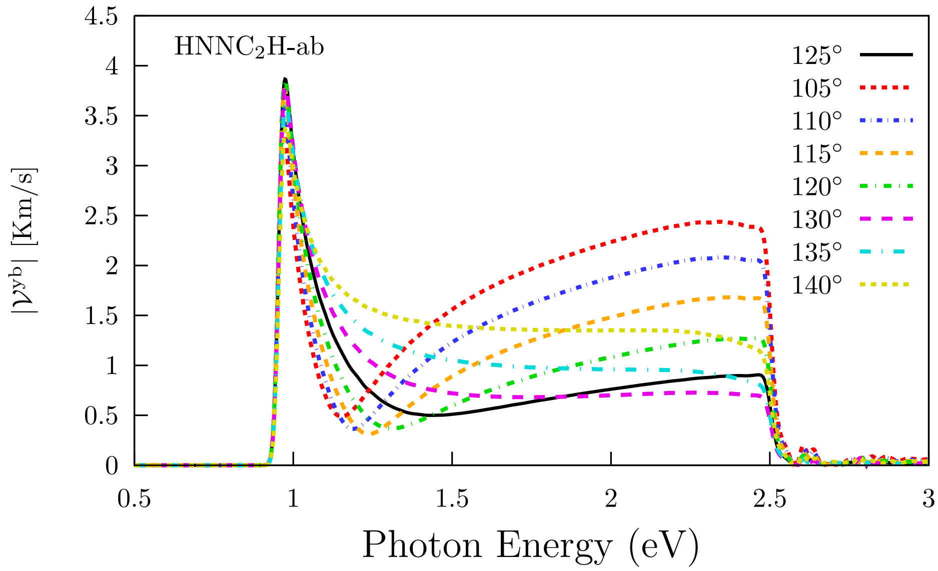

Figure 43: Comparisson of $|\mathcal{V}^{\rm yb}|$ for different polarization angles. fig:ab-magvyb

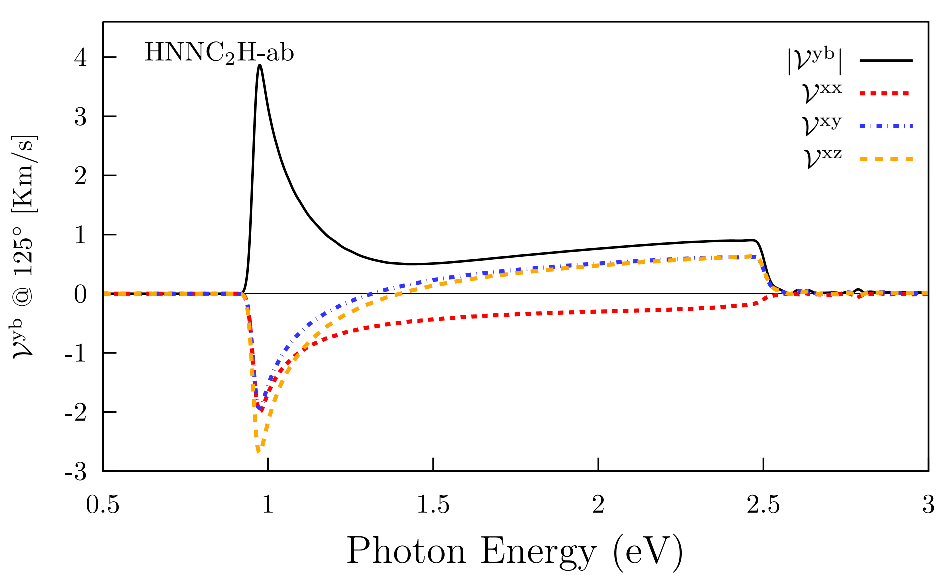

Figure 44: Three components of $\mathcal{V}^{\rm yb}$ @ 125°. fig:ab-vyb

4.3 $|\mathcal{V}^{ab}|$, angles θ and φ, layers, and comparison with CdSe and GaAs.

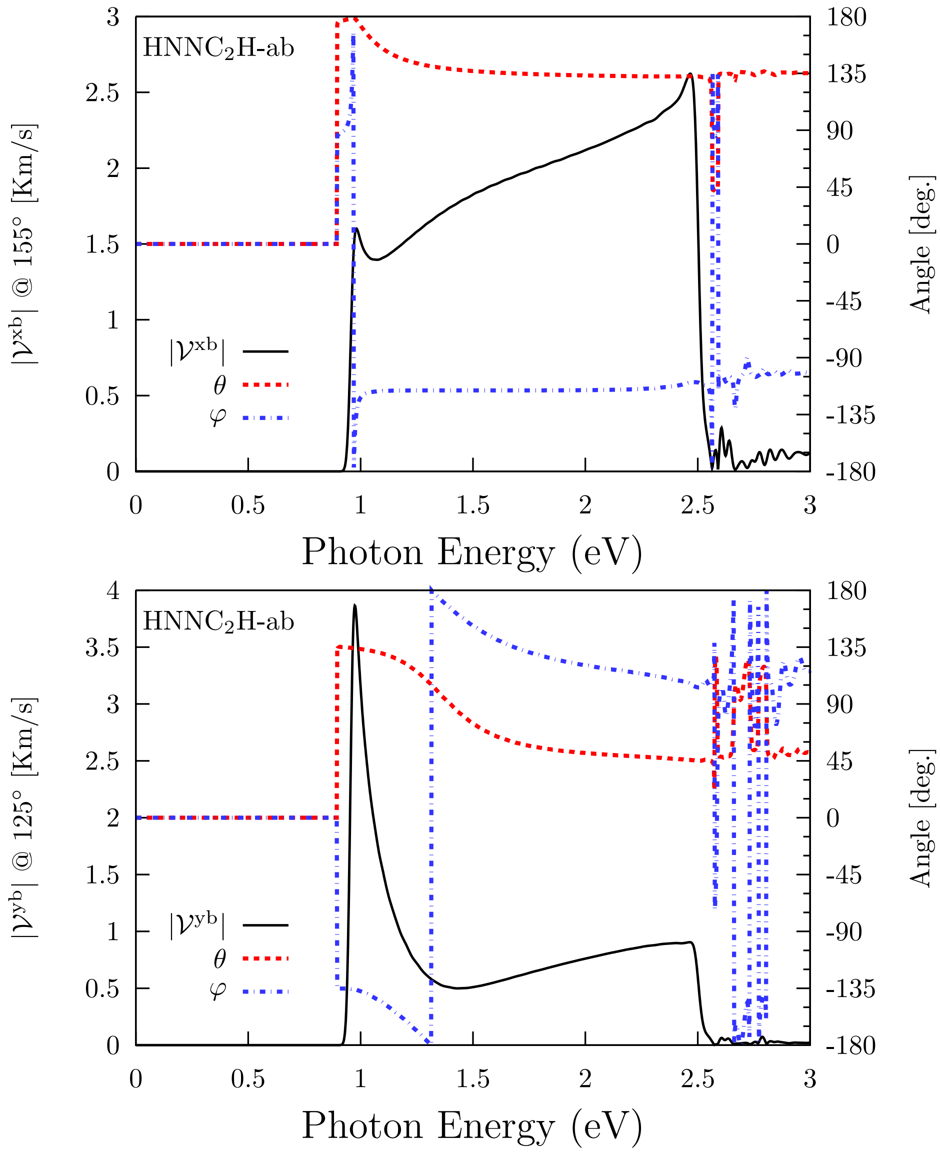

Figure 45: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale). fig:ab-rtp

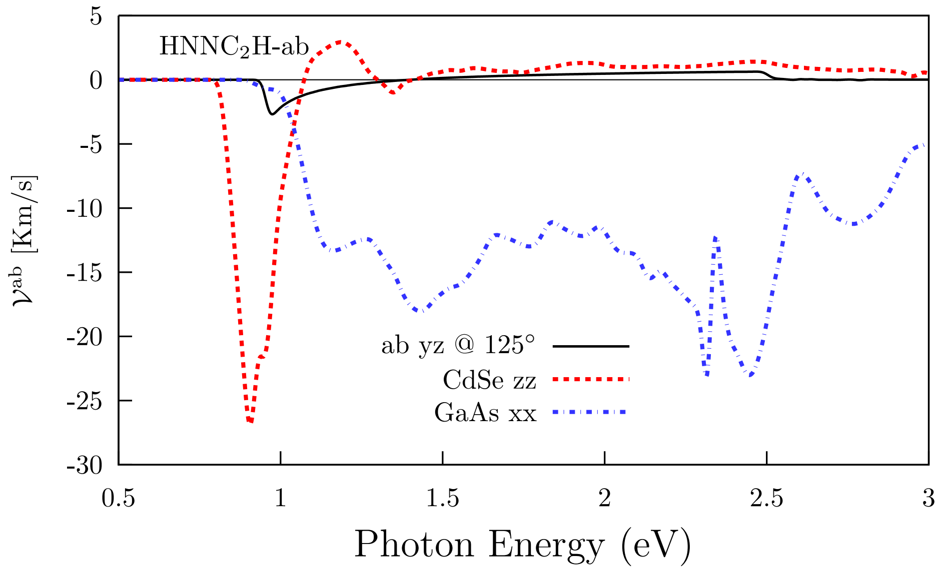

Figure 46: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs. fig:ab-comp