Structures Report

Reinaldo Zapata

1 Up

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

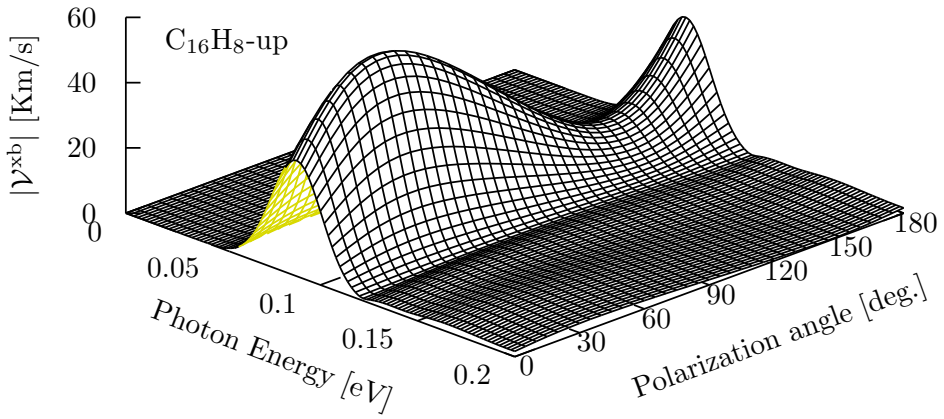

Figure 1: The most intense response for $\mathcal{V}^{xb}$ is for 40°.

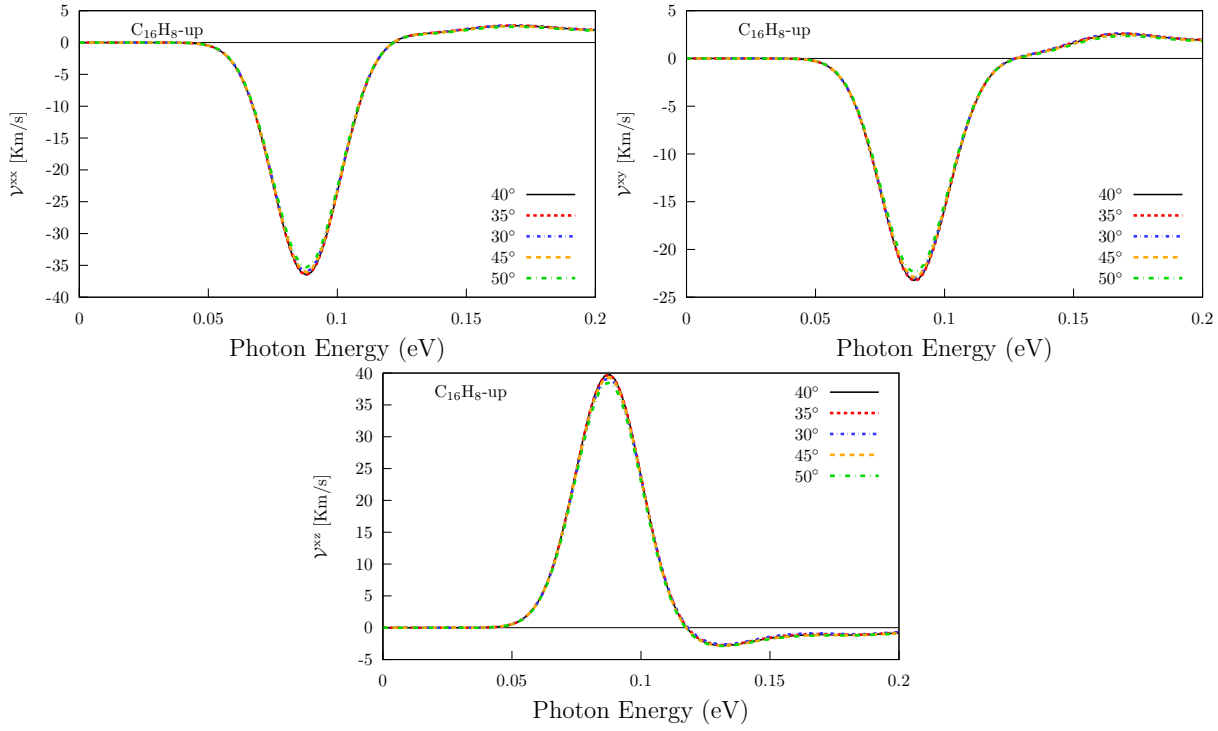

Figure 2: Cheking angle of incidence for xb components for up structure.

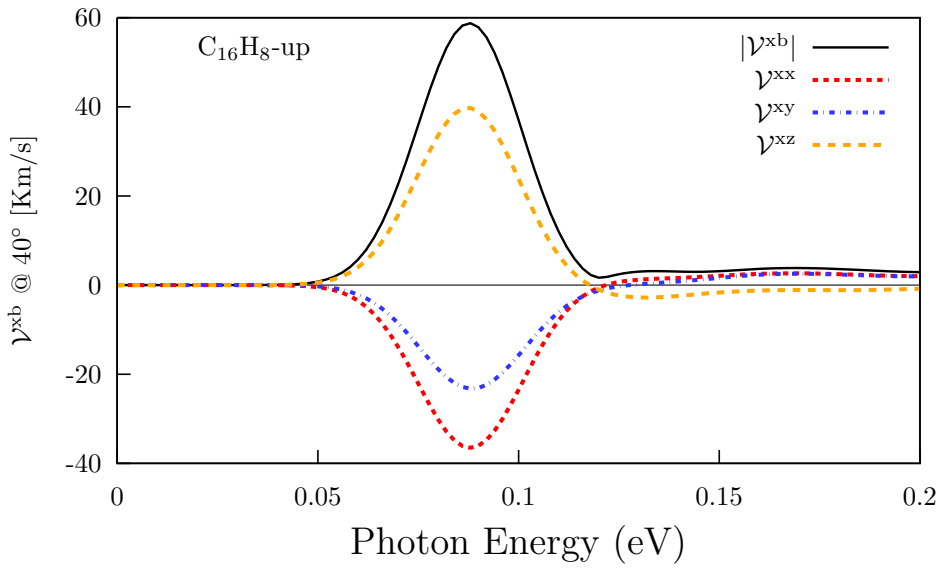

Figure 3: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 40°.

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

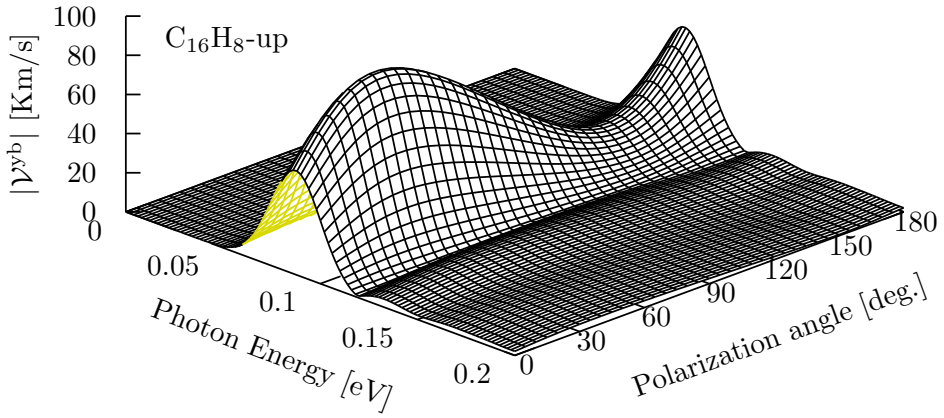

Figure 4: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 40°.

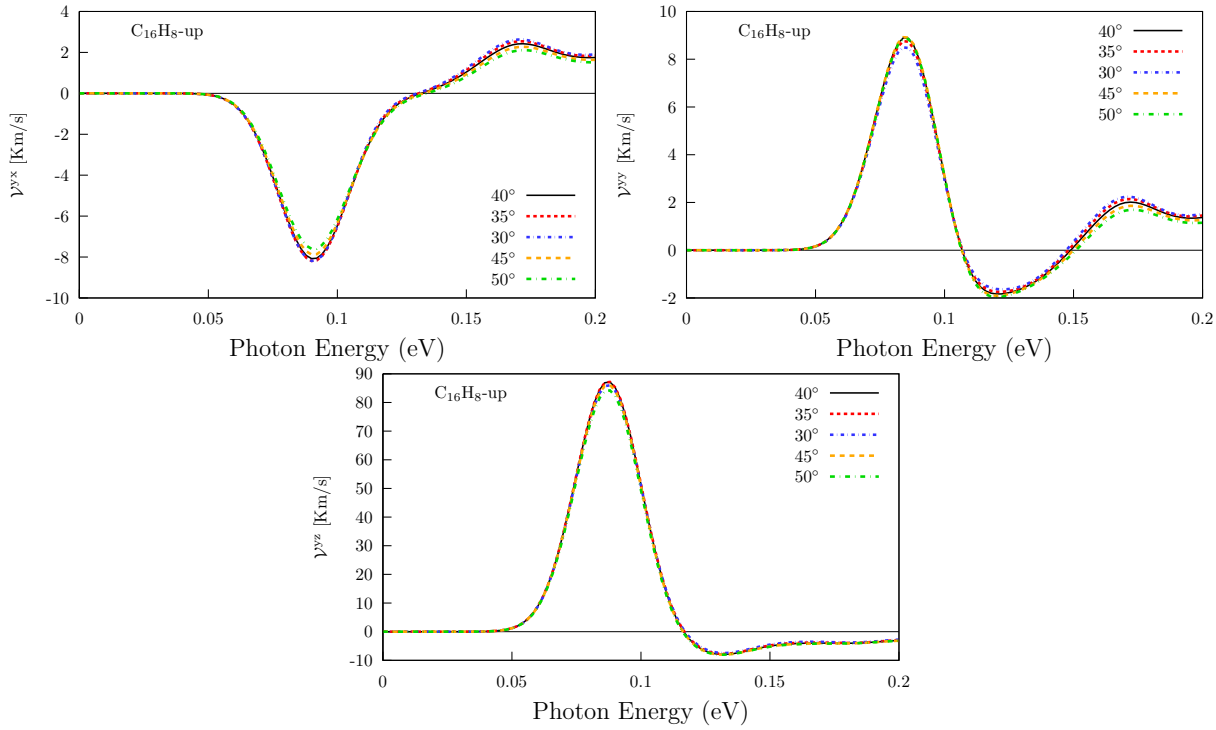

Figure 5: Cheking angle of incidence for yb components.

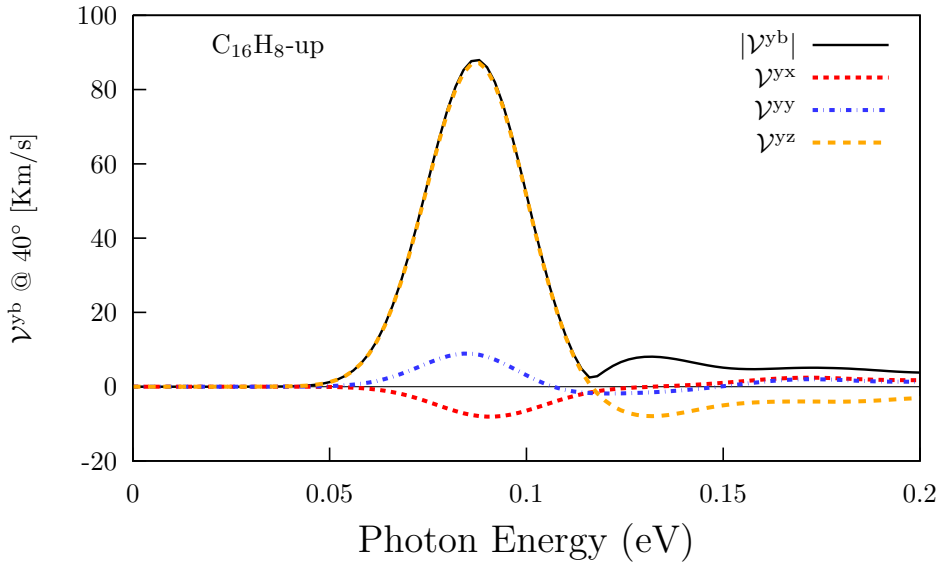

Figure 6: Three components of $\mathcal{V}^{yb}$ @ 40°.

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

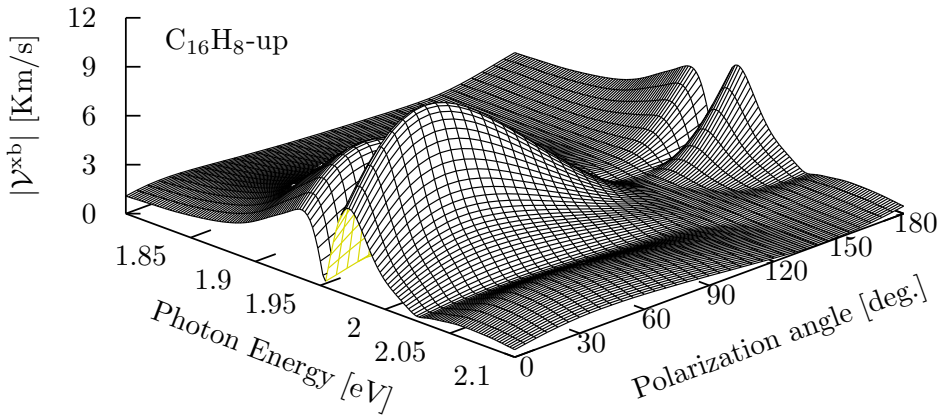

Figure 7: The most intense response for $\mathcal{V}^{xb}$ is for 40°.

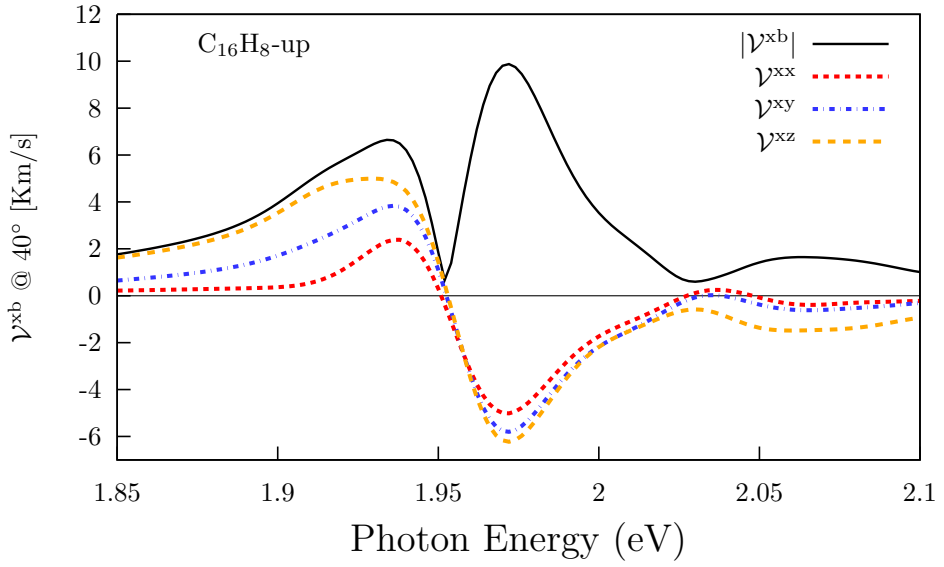

Figure 8: Three components of $\mathcal{V}^{xb}$ @ 40°.

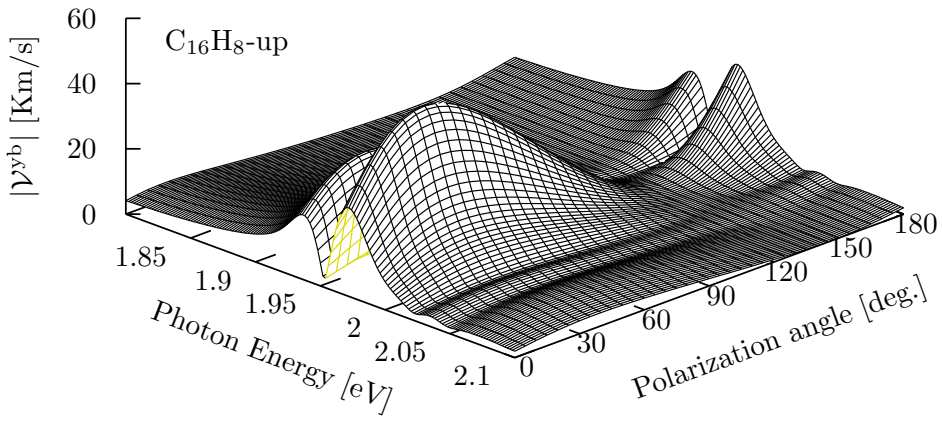

Figure 9: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 40°.

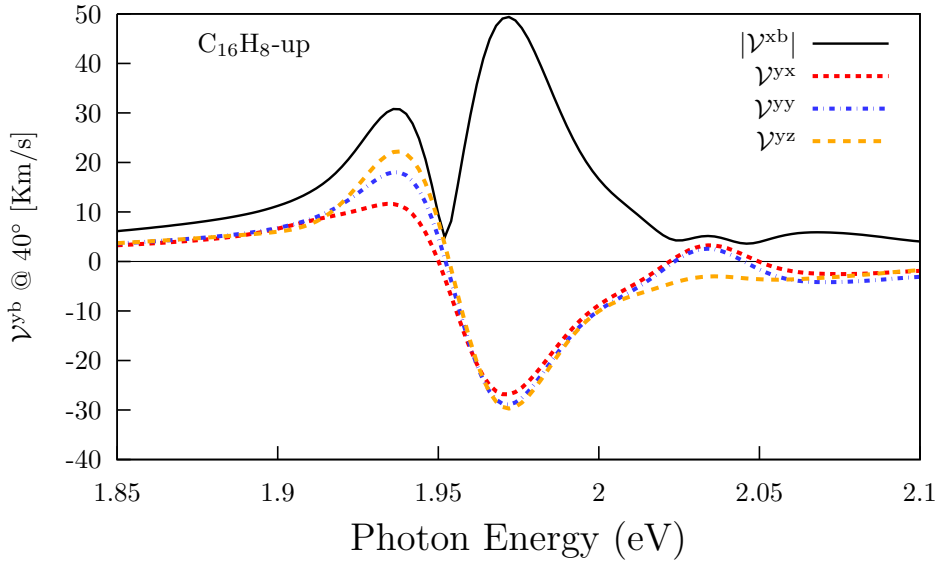

Figure 10: Three components of $\mathcal{V}^{\mathrm{yb}}$ @ 40°.

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

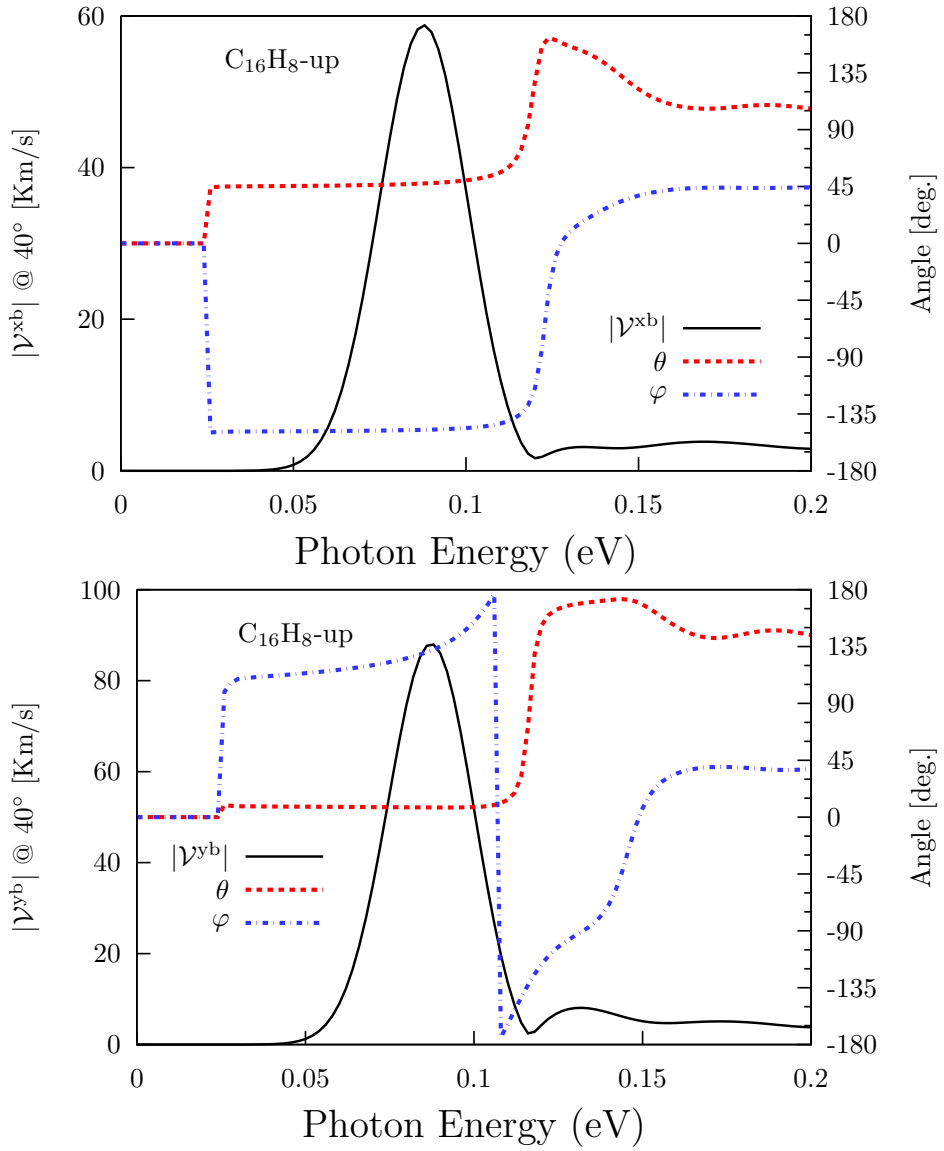

Figure 11: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale).

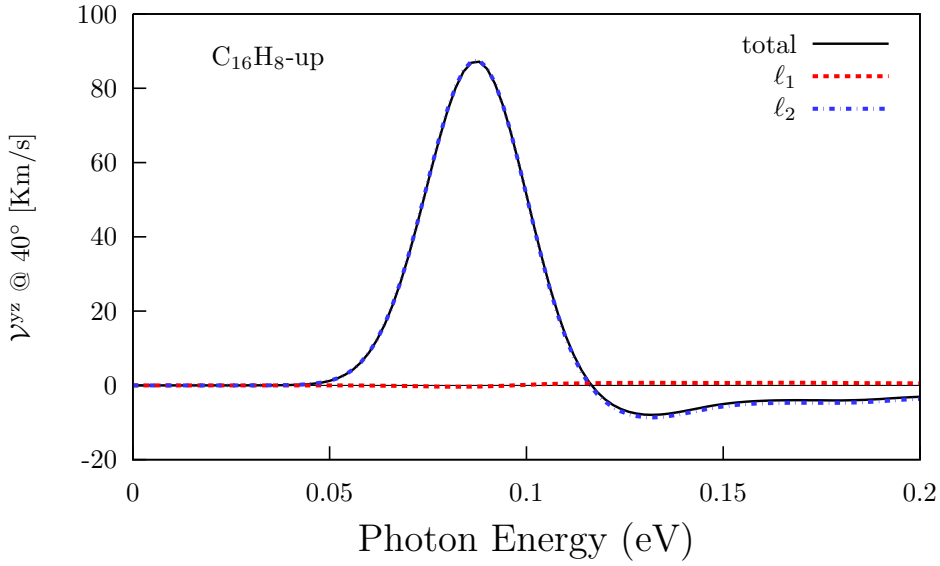

Figure 12: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$.

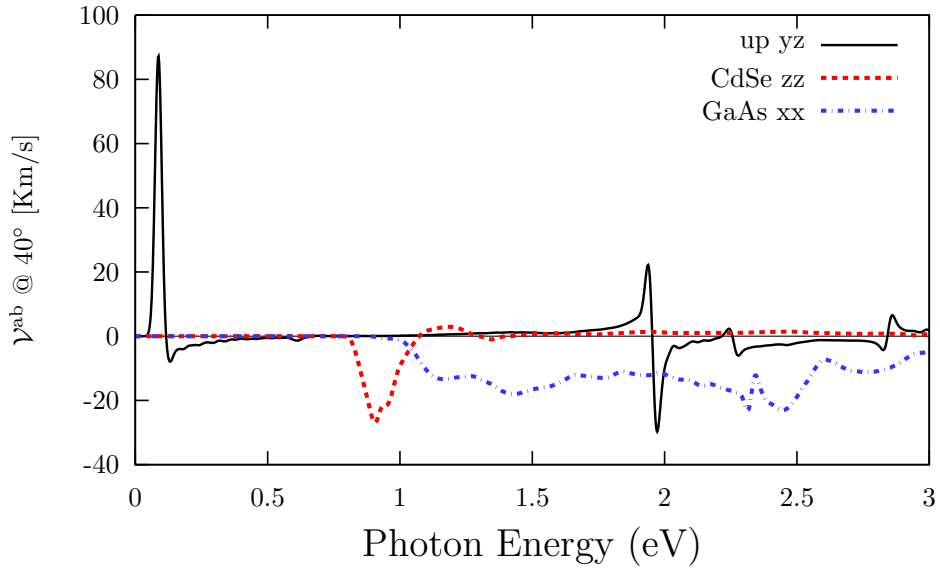

Figure 13: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs.

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

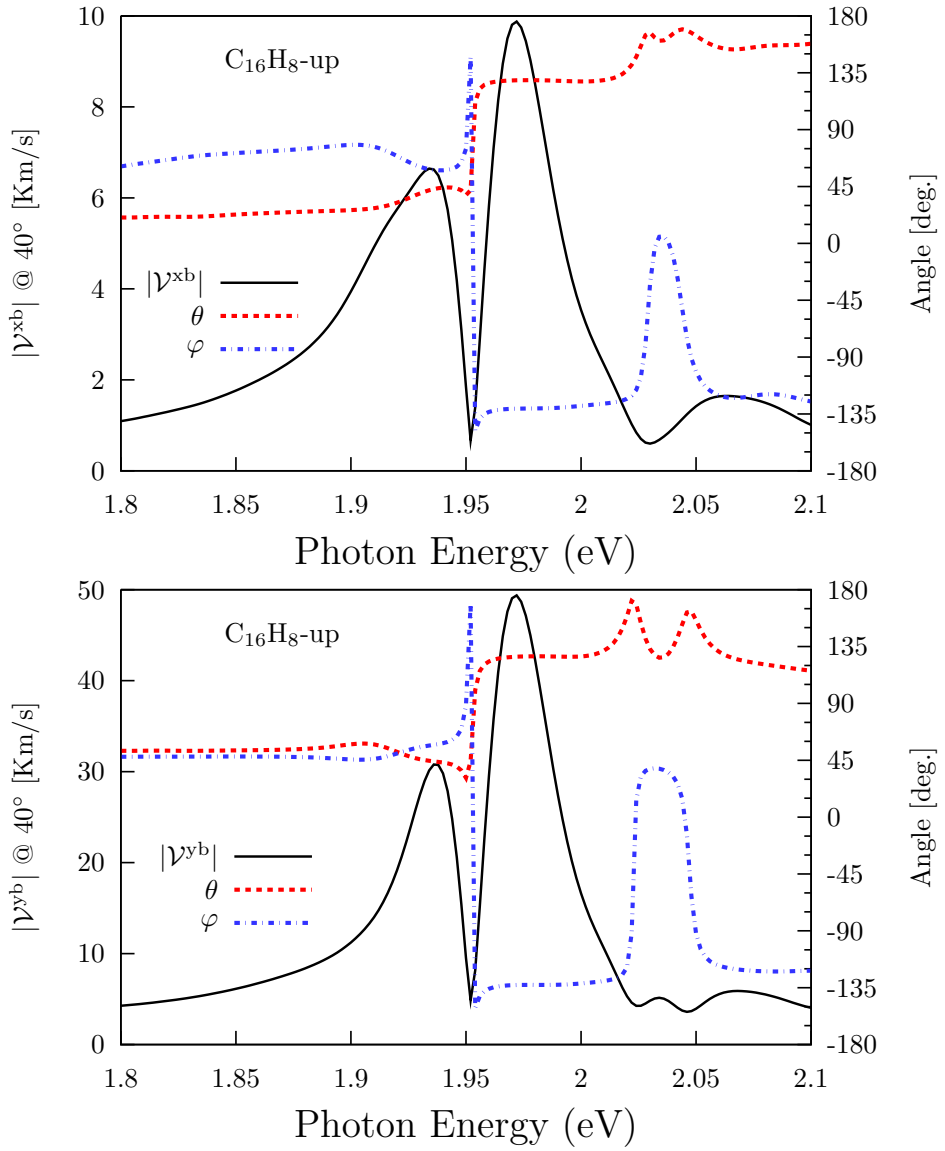

Figure 14: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale).

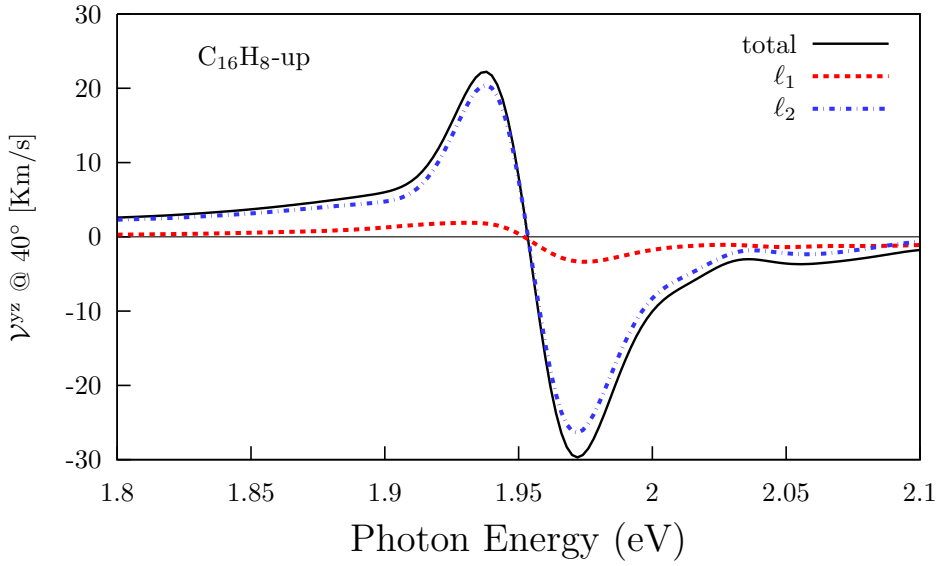

Figure 15: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$.

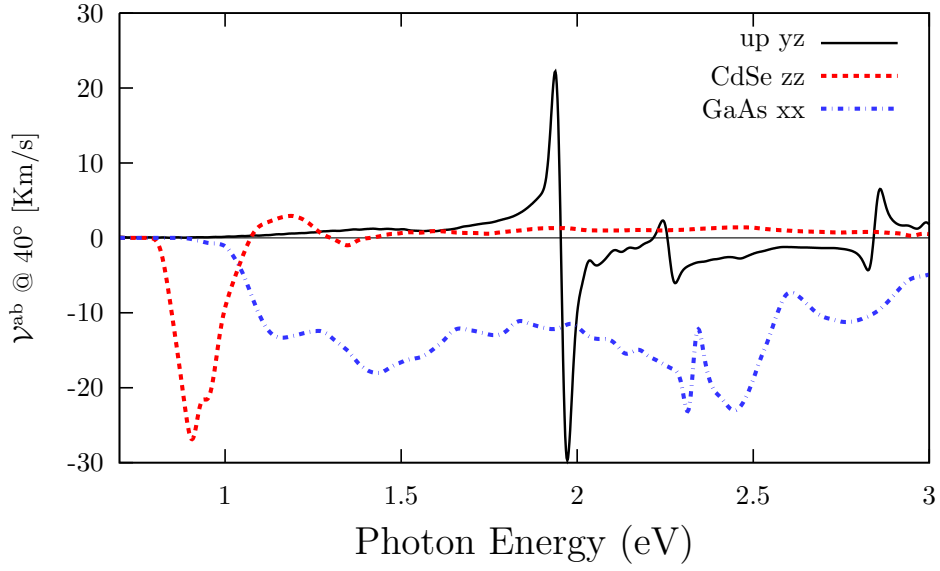

Figure 16: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs.

2 alt

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

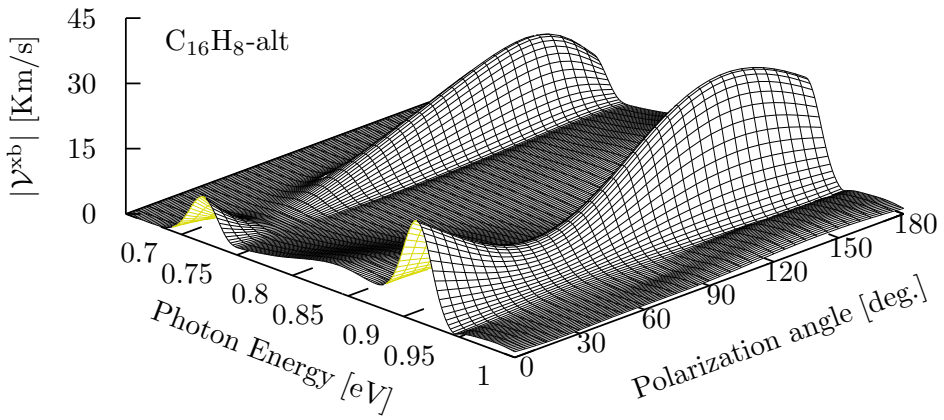

Figure 17: The most intense response for $\mathcal{V}^{xb}$ is for 145°.

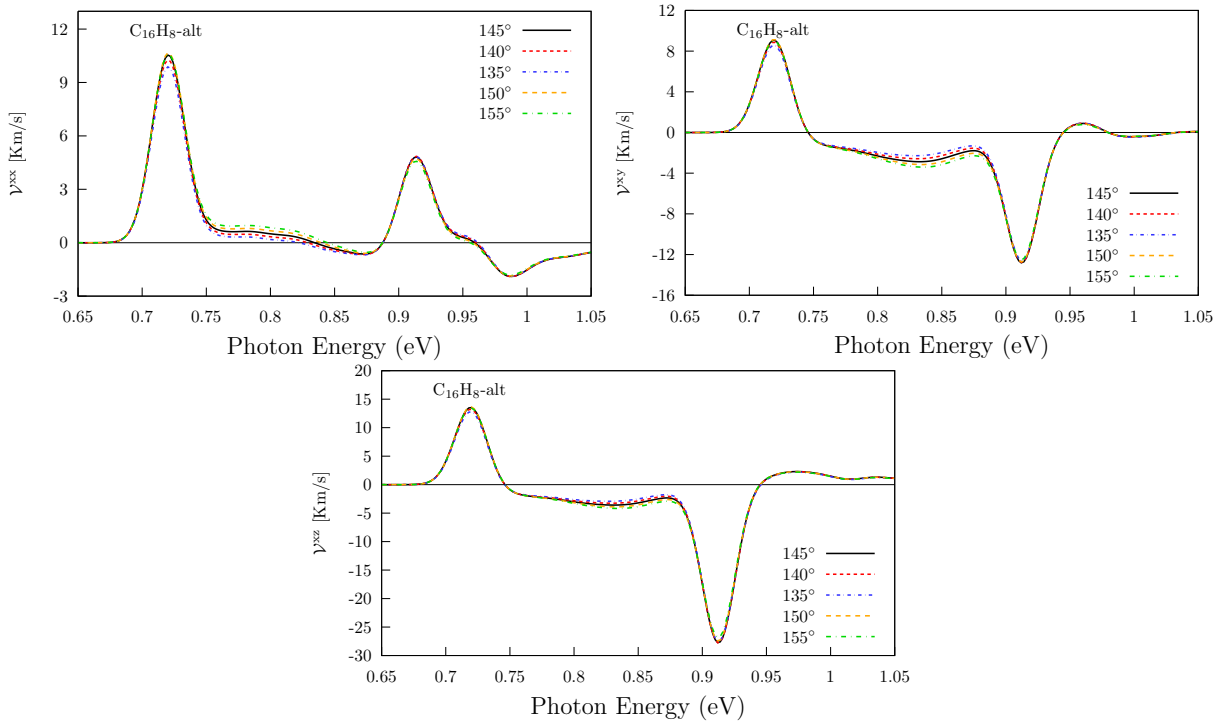

Figure 18: Cheking angle of incidence for xb components.

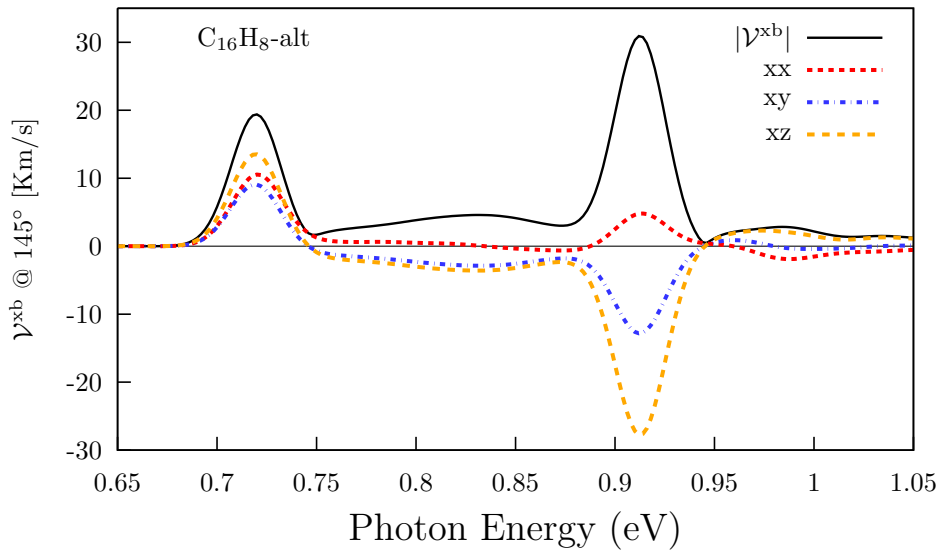

Figure 19: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 145°.

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

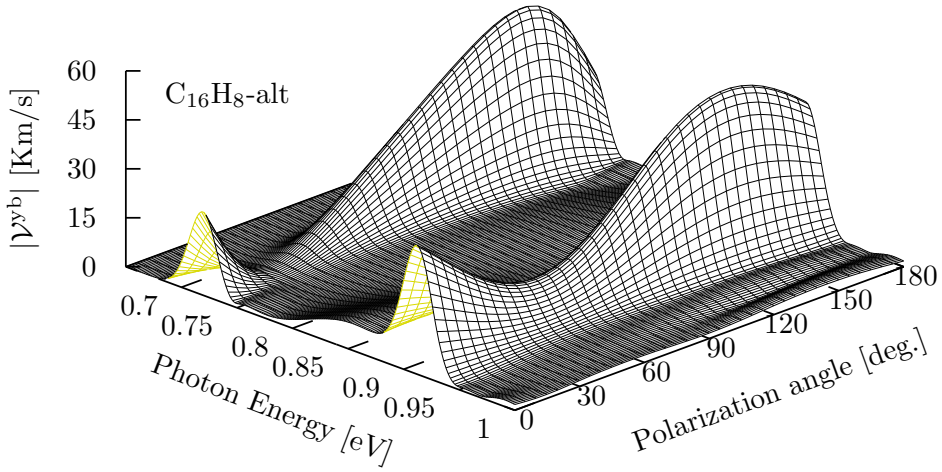

Figure 20: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 145°.

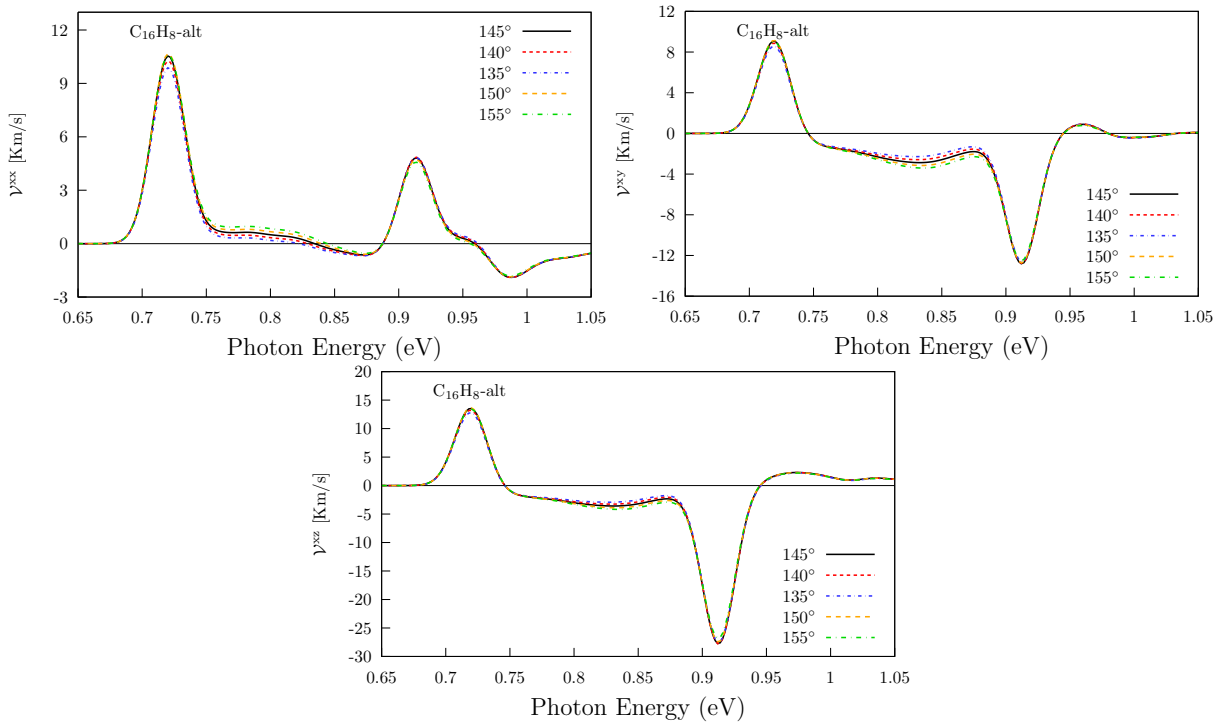

Figure 21: Cheking angle of incidence for *yb* components.

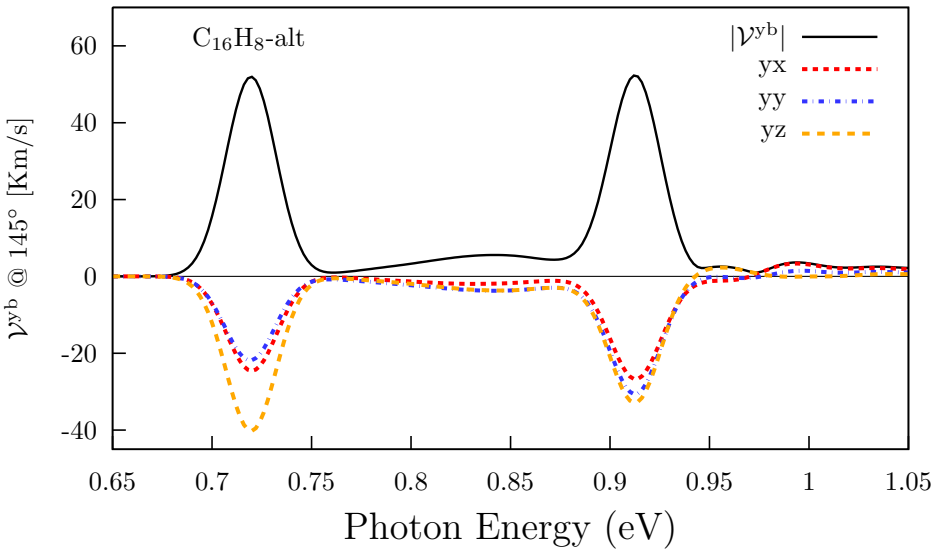

Figure 22: Three components of $\mathcal{V}^{yb}$ @ 145°.

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

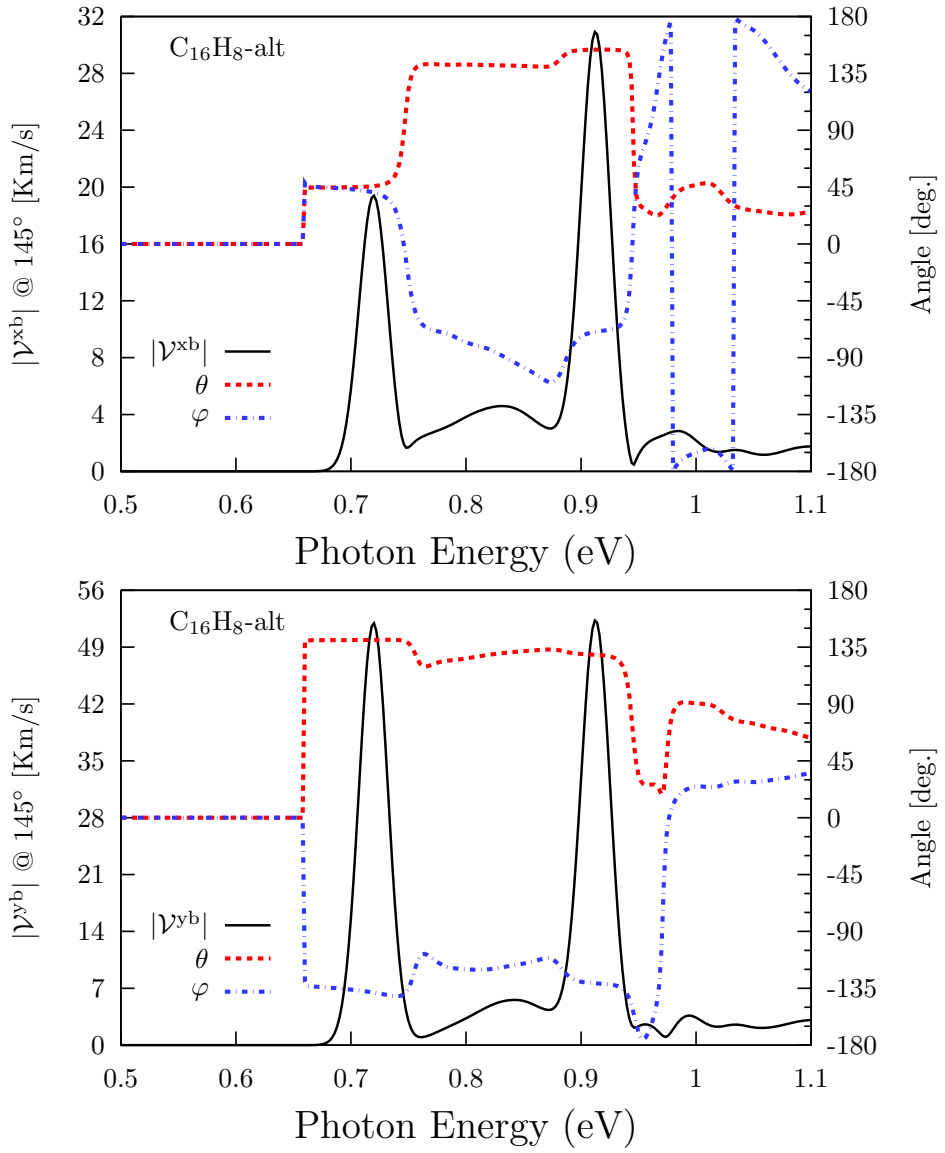

Figure 23: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale).

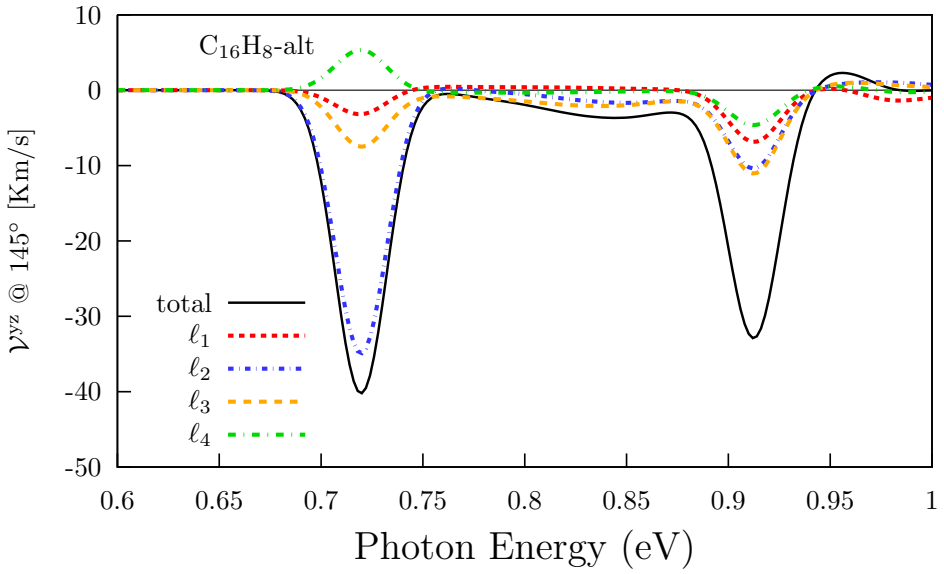

Figure 24: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$.

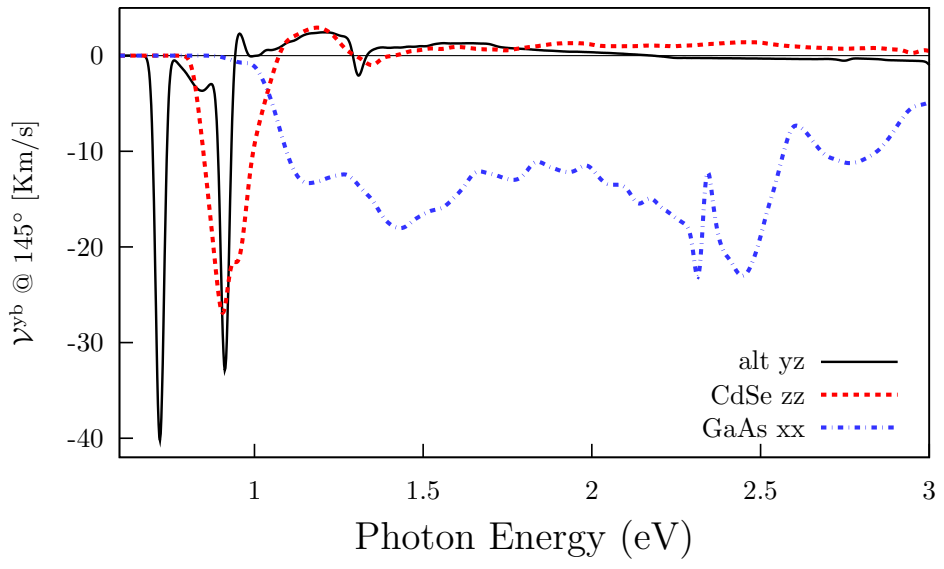

Figure 25: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs.

3 aa

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

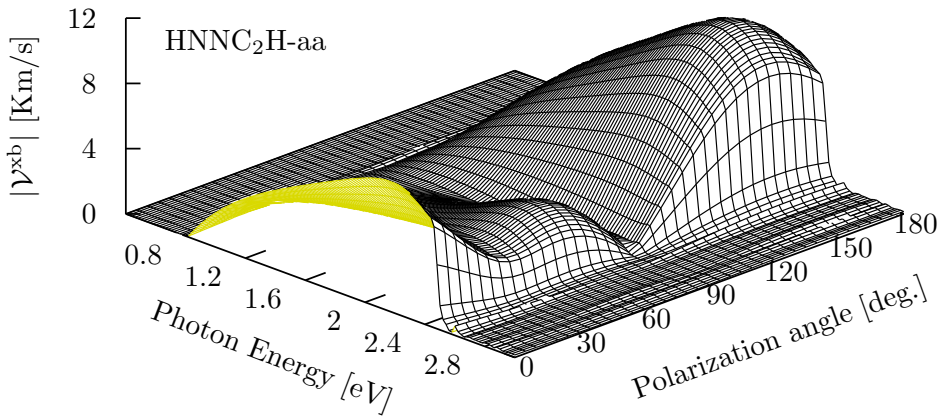

Figure 26: The most intense response for $\mathcal{V}^{\mathrm{xb}}$ is for 155°.

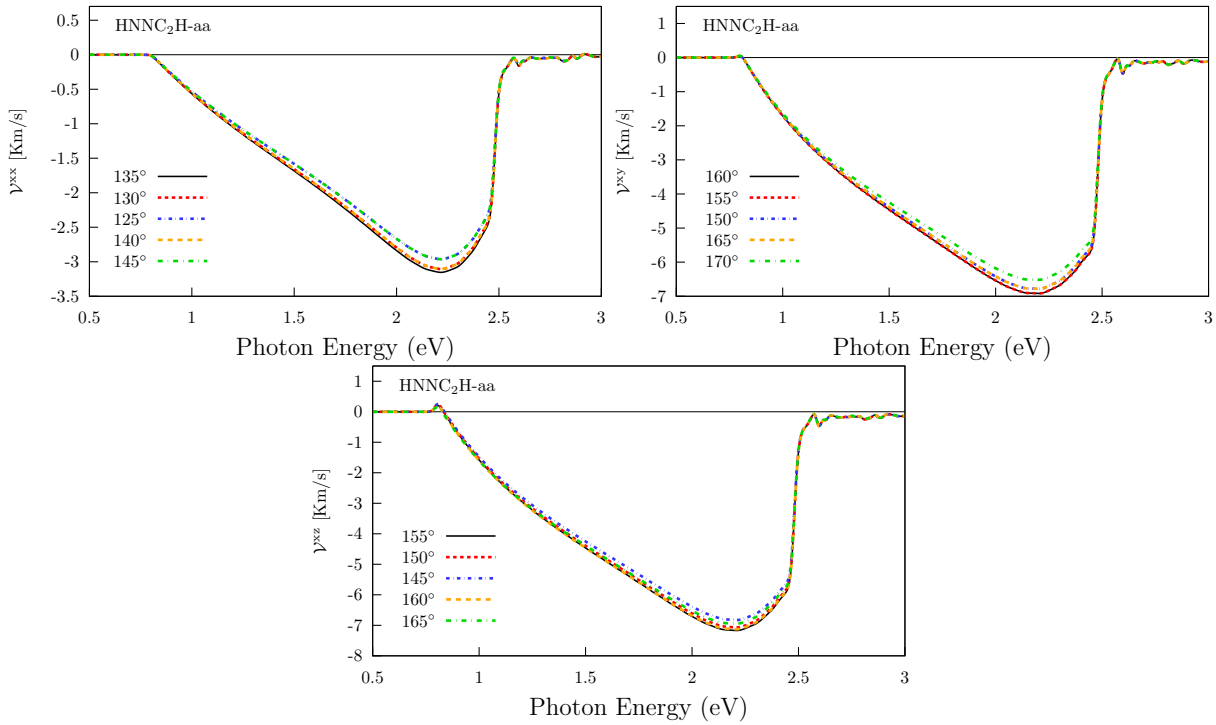

Figure 27: Cheking angle of incidence for *xb* components. There is a different angle for each component to have the most intense response.

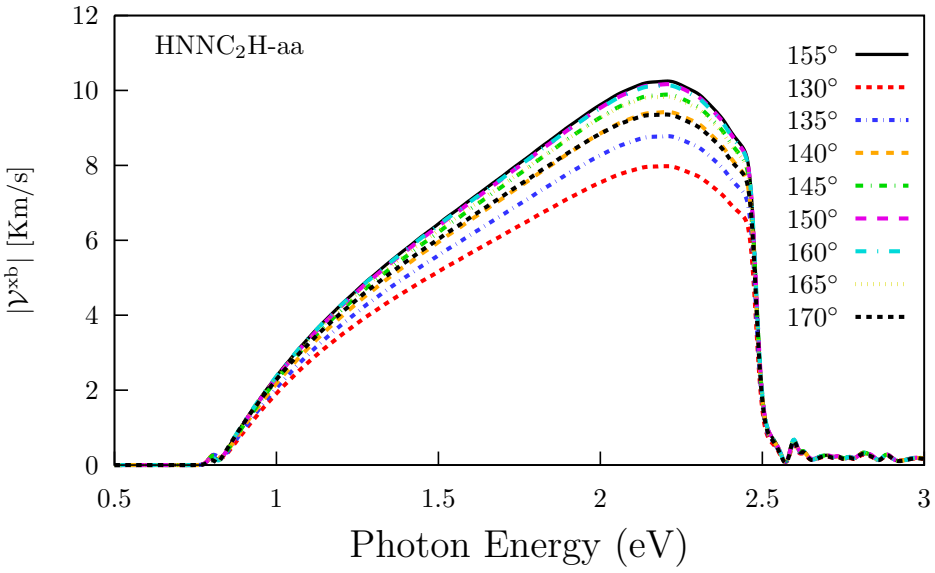

Figure 28: Comparisson of $|\mathcal{V}^{\mathrm{xb}}|$ for different polarization angles.

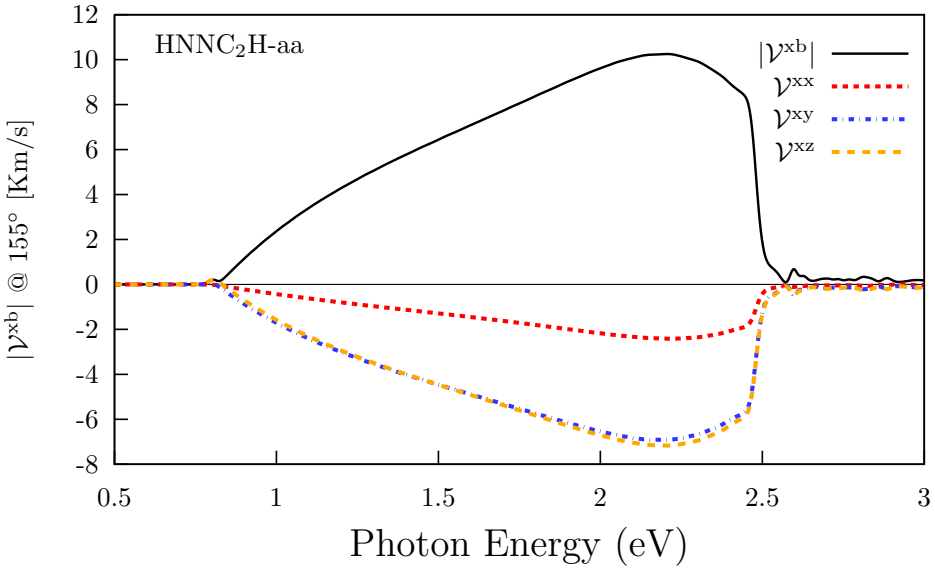

Figure 29: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 155°.

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

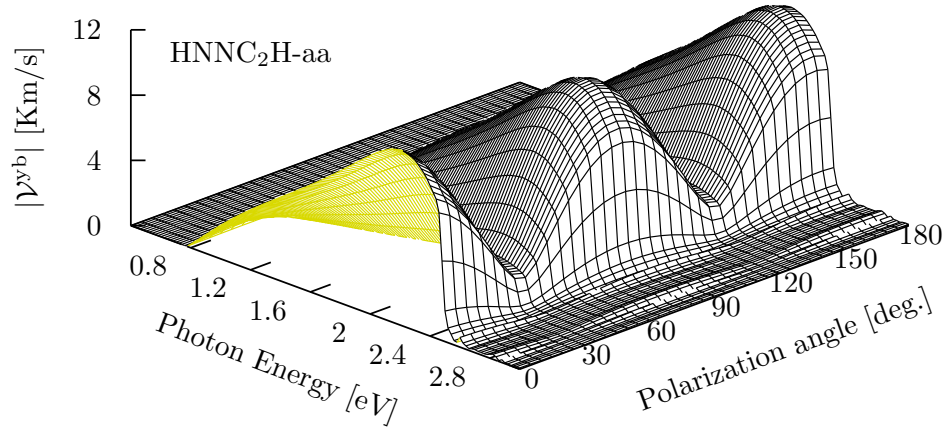

Figure 30: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 155°.

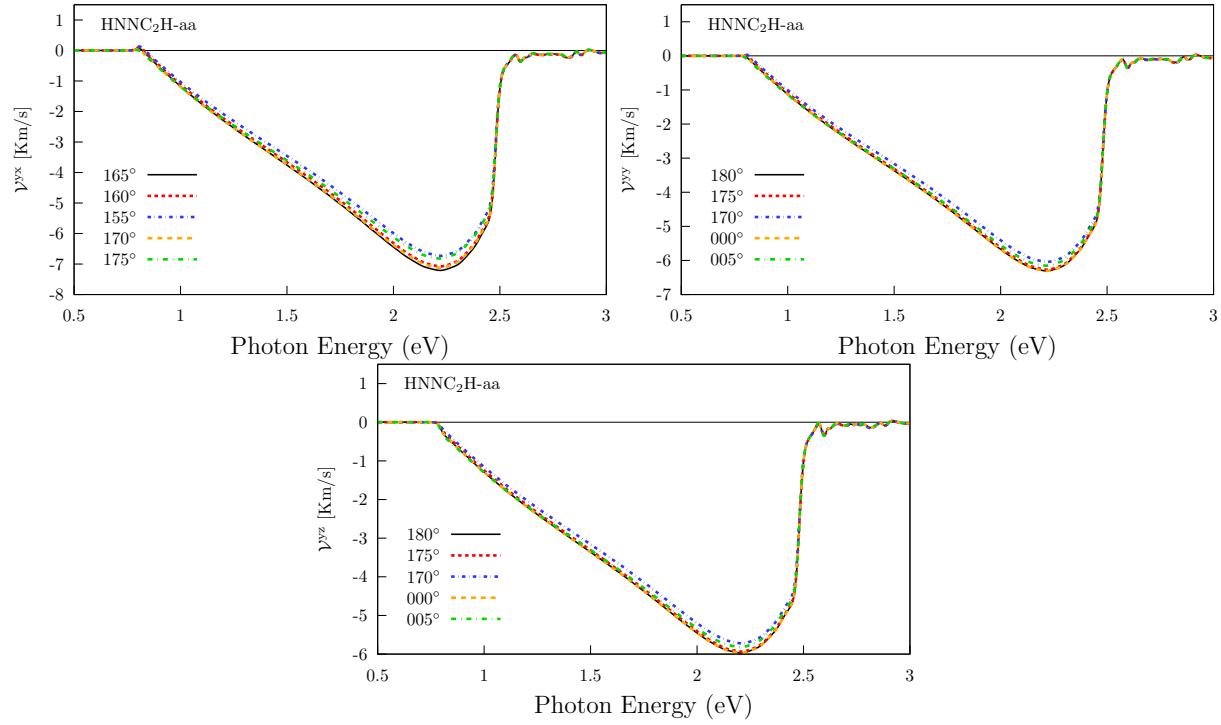

Figure 31: Cheking angle of incidence for *yb* components. There is a different angle for each component to have the most intense response.

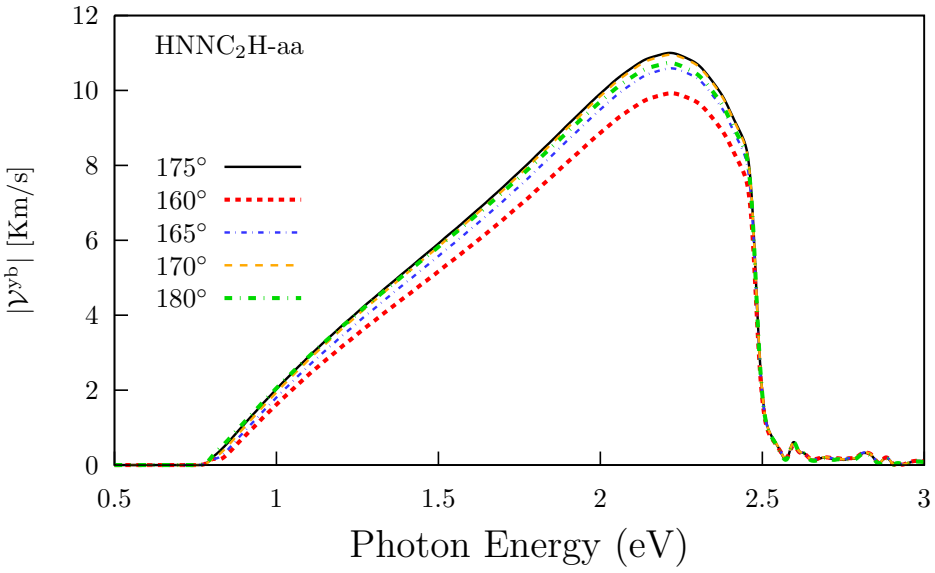

Figure 32: Comparisson of $|\mathcal{V}^{\mathrm{yb}}|$ for different polarization angles.

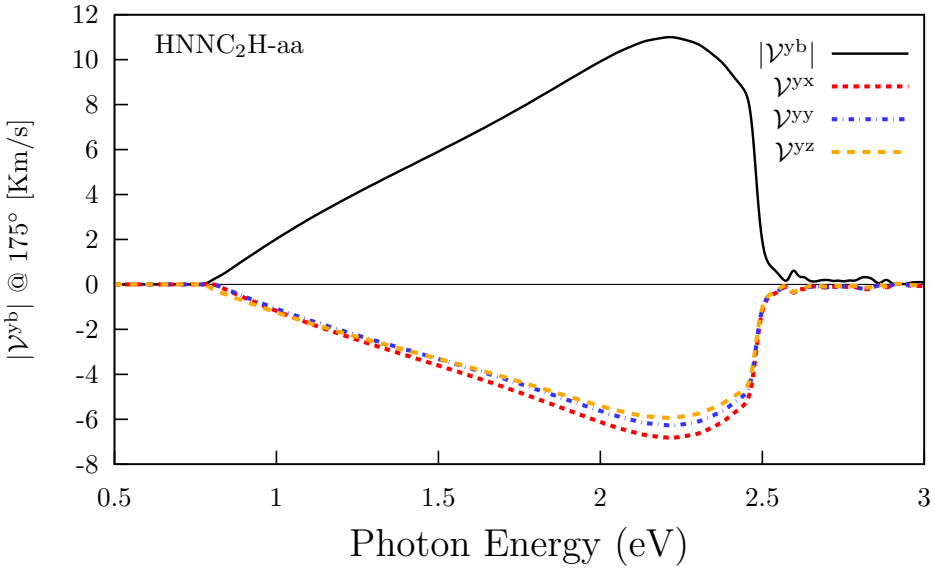

Figure 33: Three components of $\mathcal{V}^{\mathrm{yb}}$ @ 175°.

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

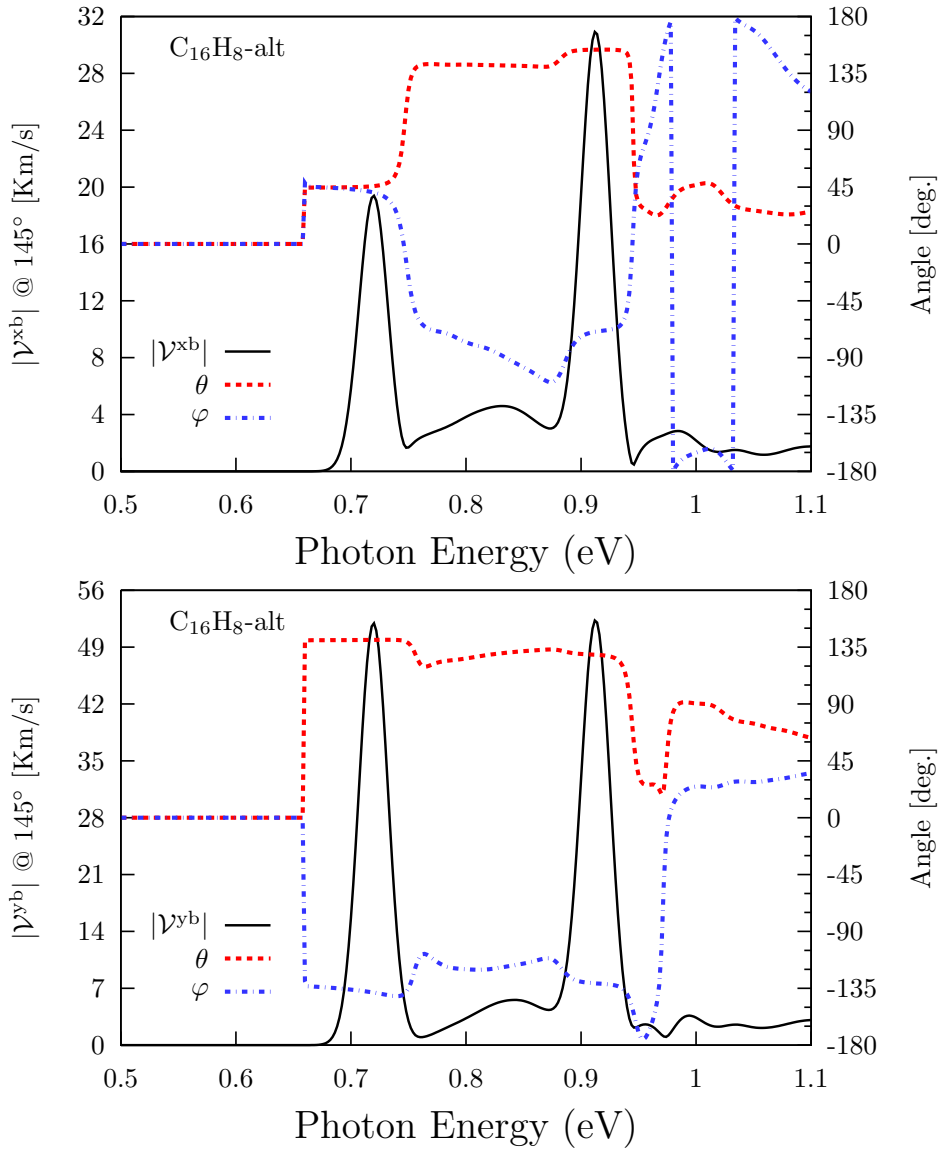

Figure 34: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale).

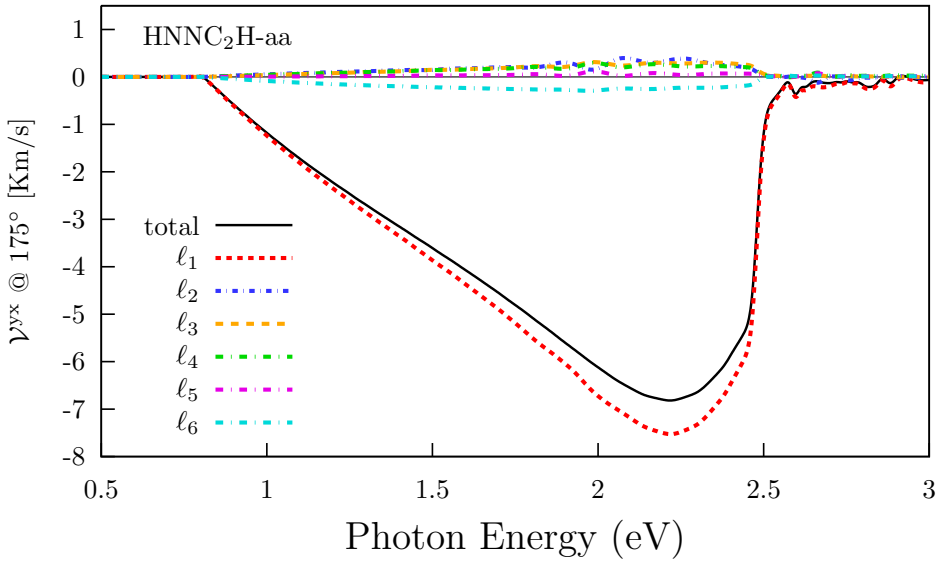

Figure 35: Layer decomposition for the most intense response: $\mathcal{V}^{yz}$.

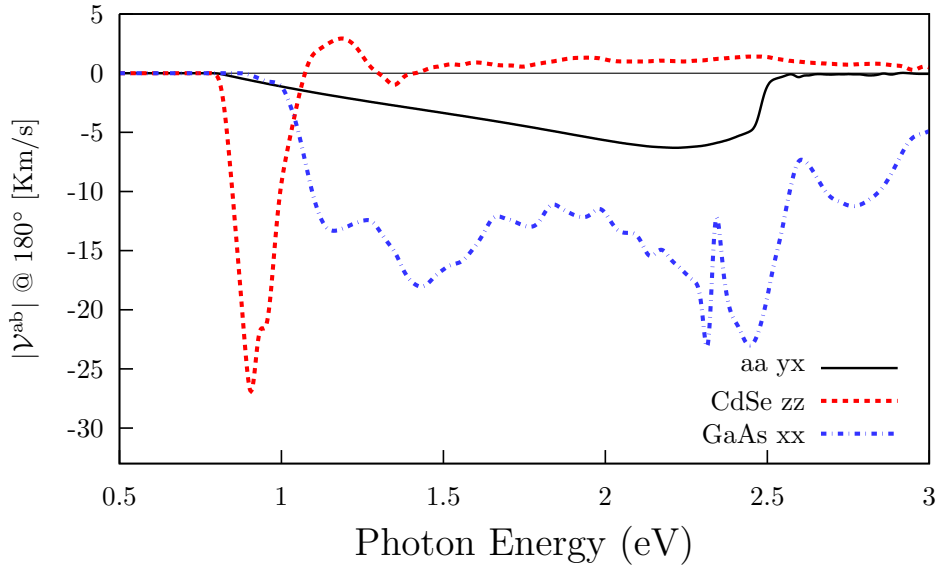

Figure 36: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs.

4 ab

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

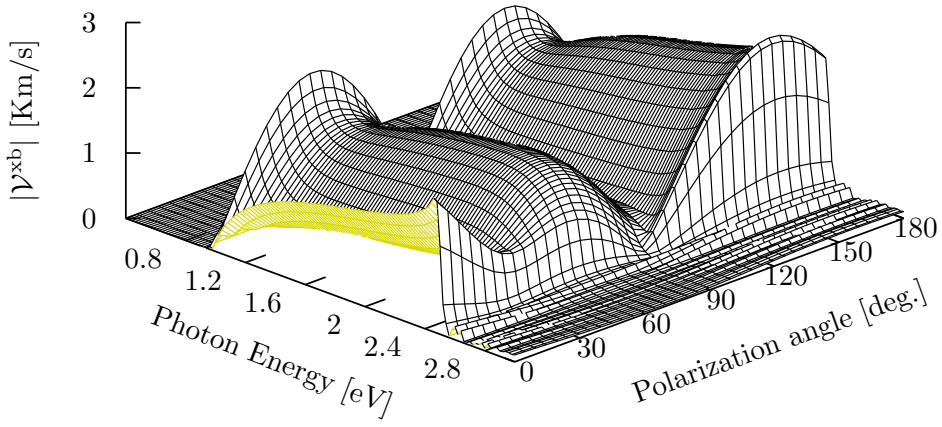

Figure 37: The most intense response for $\mathcal{V}^{\mathrm{xb}}$ is for 155°.

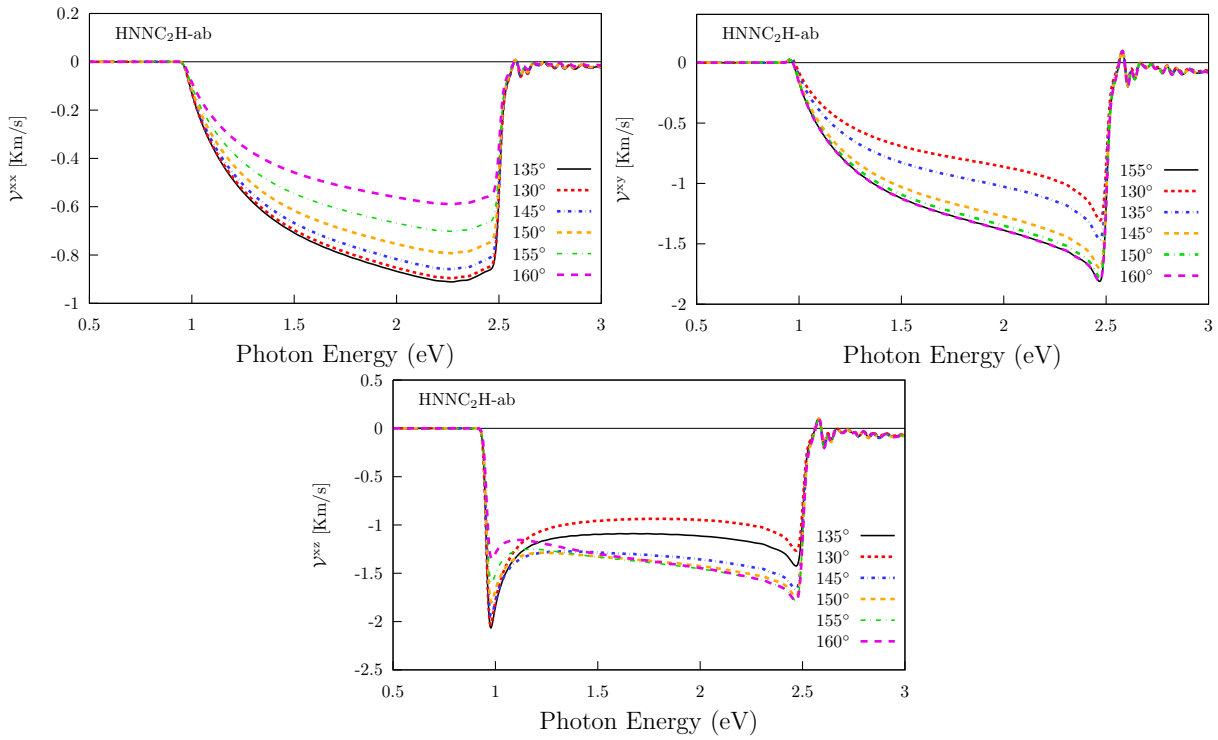

Figure 38: Cheking angle of incidence for xb components. There is a different angle for each component to have the most intense response.

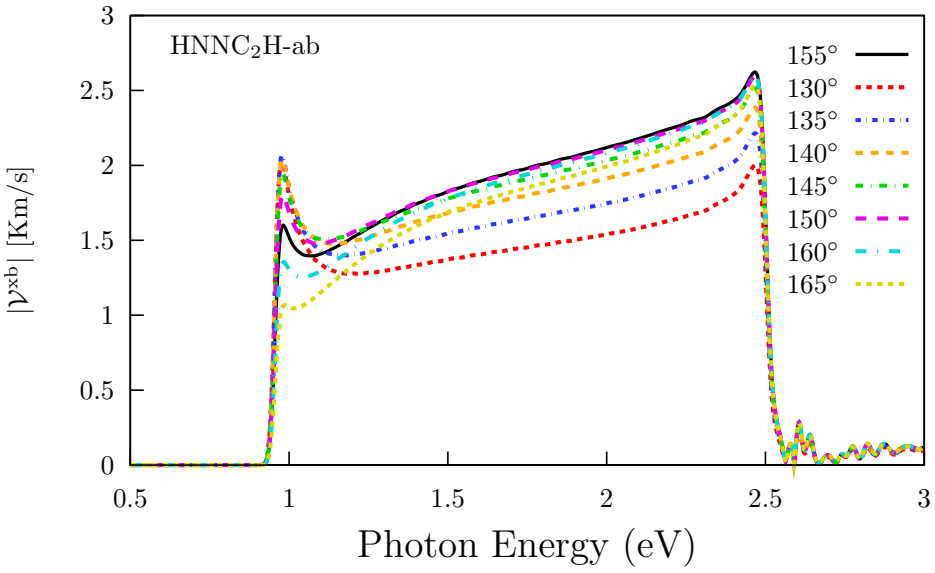

Figure 39: Comparisson of $|\mathcal{V}^{\mathrm{xb}}|$ for different polarization angles.

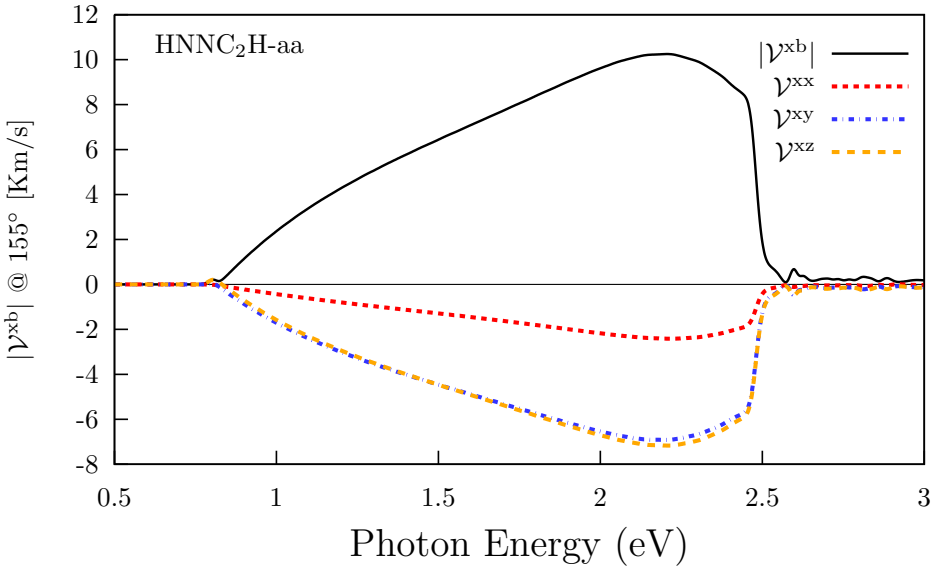

Figure 40: Three components of $\mathcal{V}^{\mathrm{xb}}$ @ 155°.

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

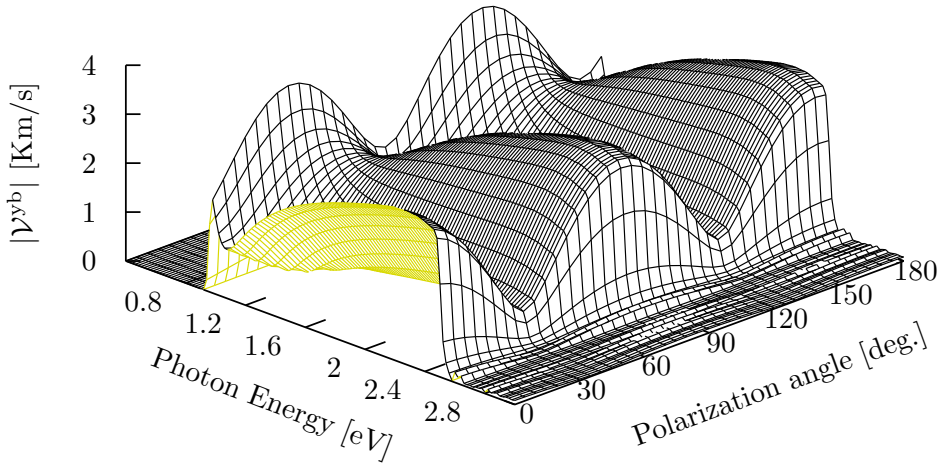

Figure 41: The most intense response for $\mathcal{V}^{\mathrm{yb}}$ is for 155°.

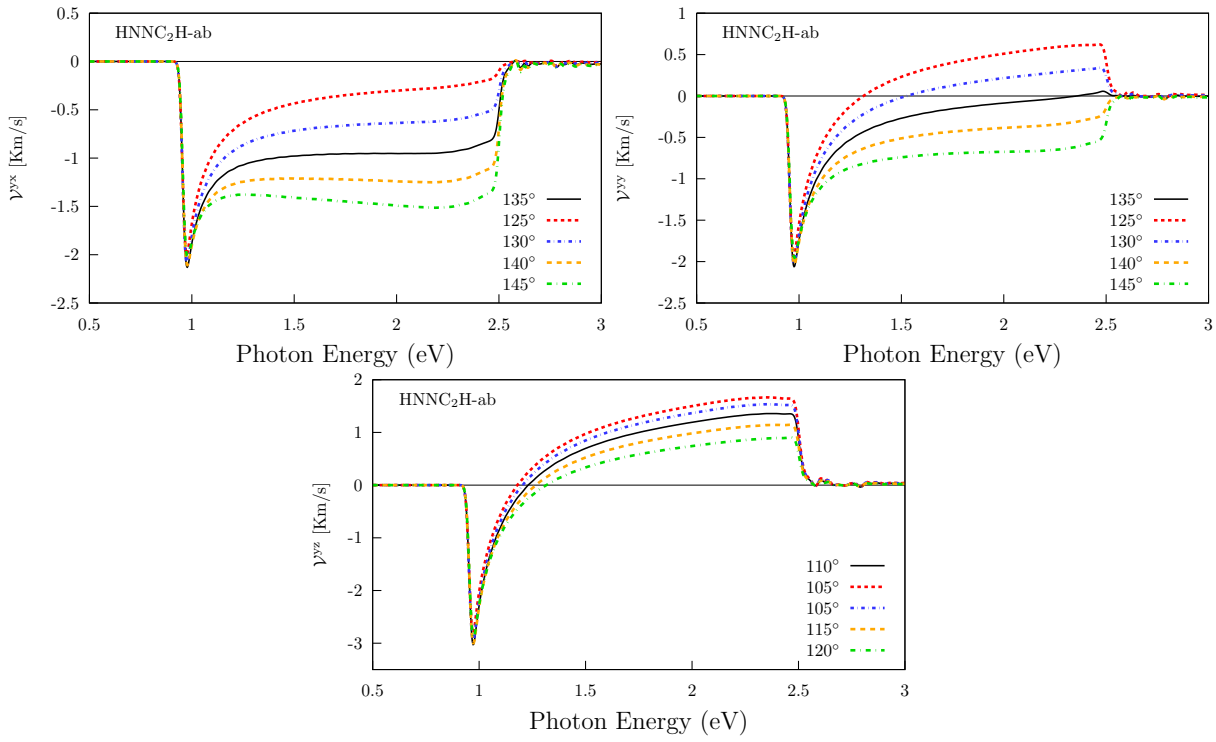

Figure 42: Cheking angle of incidence for *yb* components. There is a different angle for each component to have the most intense response.

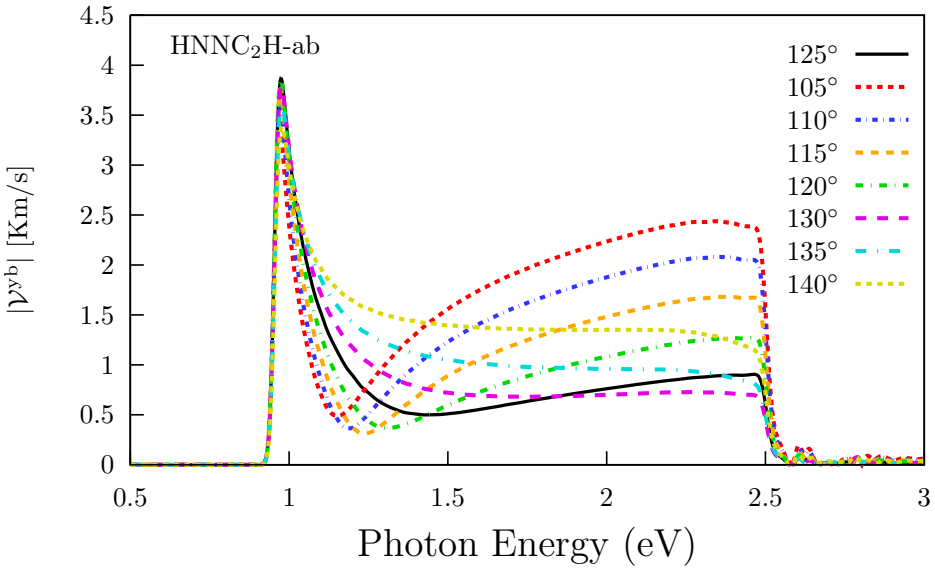

Figure 43: Comparisson of $|\mathcal{V}^{\mathrm{yb}}|$ for different polarization angles.

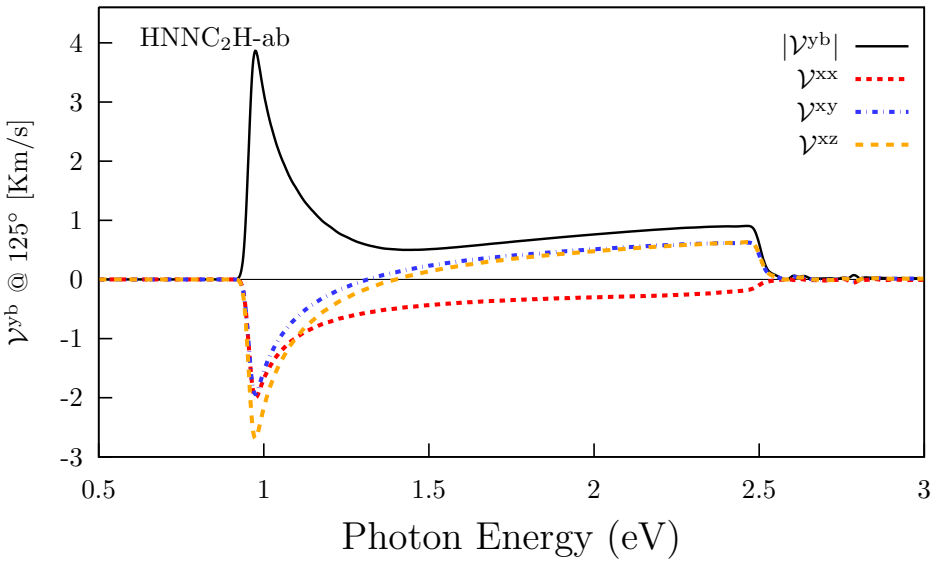

Figure 44: Three components of $\mathcal{V}^{\mathrm{yb}}$ @ 125°.

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

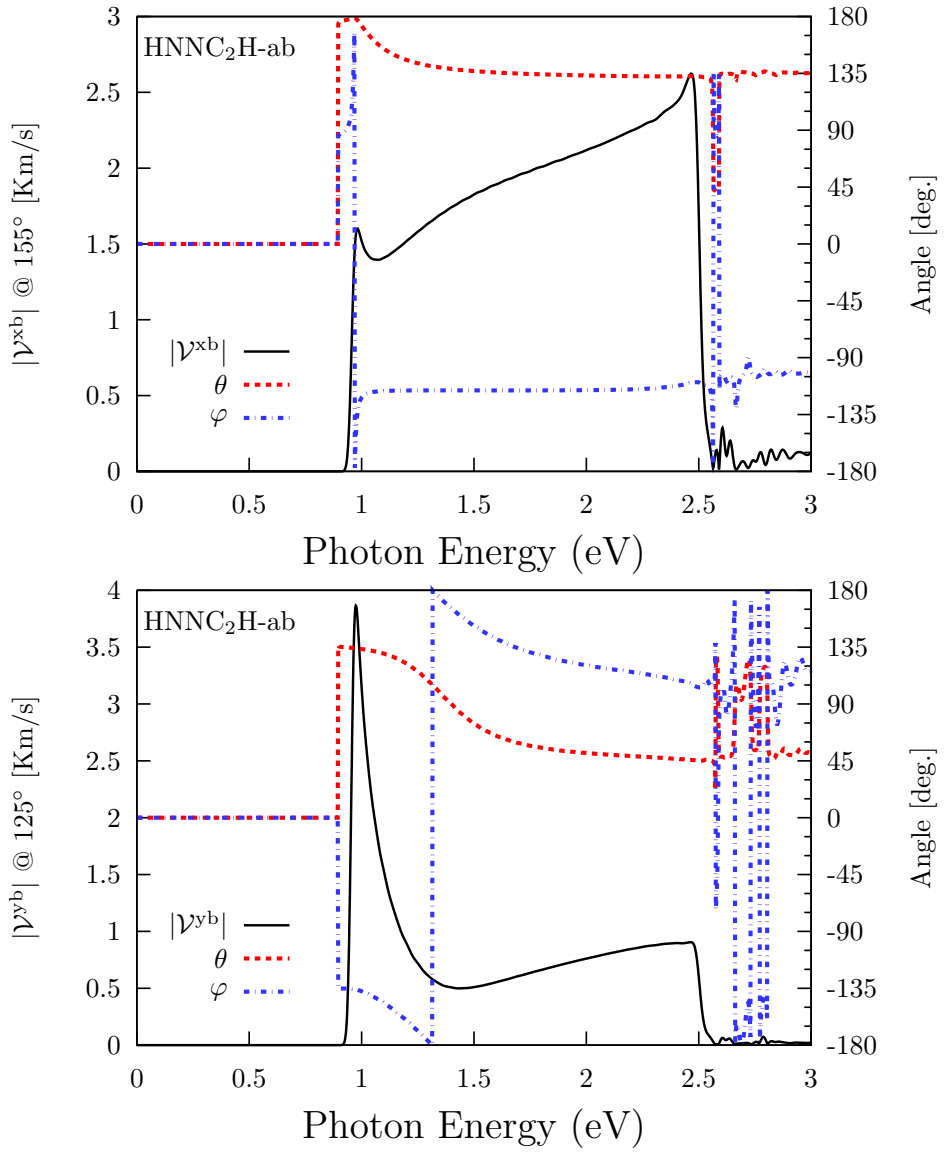

Figure 45: $|\mathcal{V}^{ab}|$ (solid line, leftside scale) and the corresponding angles θ and φ (dashed lines, rightside scale).

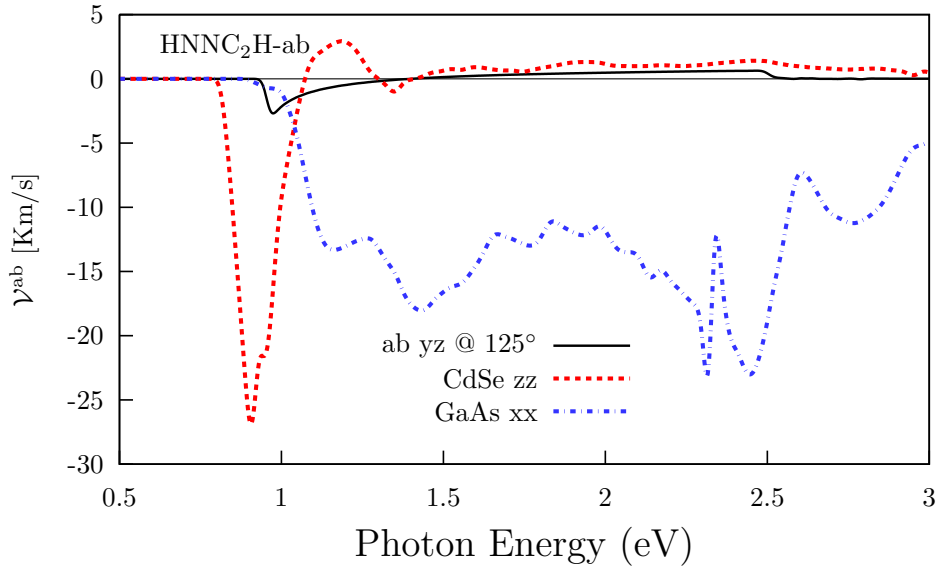

Figure 46: Comparisson of the most intense response vs the most intense responses of CdSe and GaAs.