

# Time Resolved Fluorescence Study of Aggregation Induced Emission Enhancement by Restriction of Intramolecular Charge Transfer State

Bing-Rong Gao,<sup>†</sup> Hai-Yu Wang,<sup>\*,†</sup> Ya-Wei Hao,<sup>†,‡</sup> Li-Min Fu,<sup>||</sup> Hong-Hua Fang,<sup>†</sup> Ying Jiang,<sup>†</sup> Lei Wang,<sup>†,‡</sup> Qi-Dai Chen,<sup>†</sup> Hong Xia,<sup>†</sup> Ling-Yun Pan<sup>†,‡</sup>, Yu-Guang Ma,<sup>§</sup> Hong-Bo Sun<sup>\*,†,‡</sup>

<sup>†</sup>*State Key Laboratory on Integrated Optoelectronics, College of Electronic Science and Engineering, Jilin University, 2699 Qianjin Street, Changchun 130012, China*

<sup>‡</sup>*College of Physics, Jilin University, 119 Jiefang Road, Changchun 130023, China*

<sup>||</sup>*Department of Chemistry, Renmin University of China, Beijing 100872, China*

<sup>§</sup>*State Key Laboratory on Supramolecular Structures and Materials, College of Chemistry, Jilin University, 2699 Qianjin Street, Changchun 130012, China*

*Corresponding authors:* [haiyu\\_wang@jlu.edu.cn](mailto:haiyu_wang@jlu.edu.cn) and hbsun@jlu.edu.cn

## Supporting Information

Figures S1 and S2

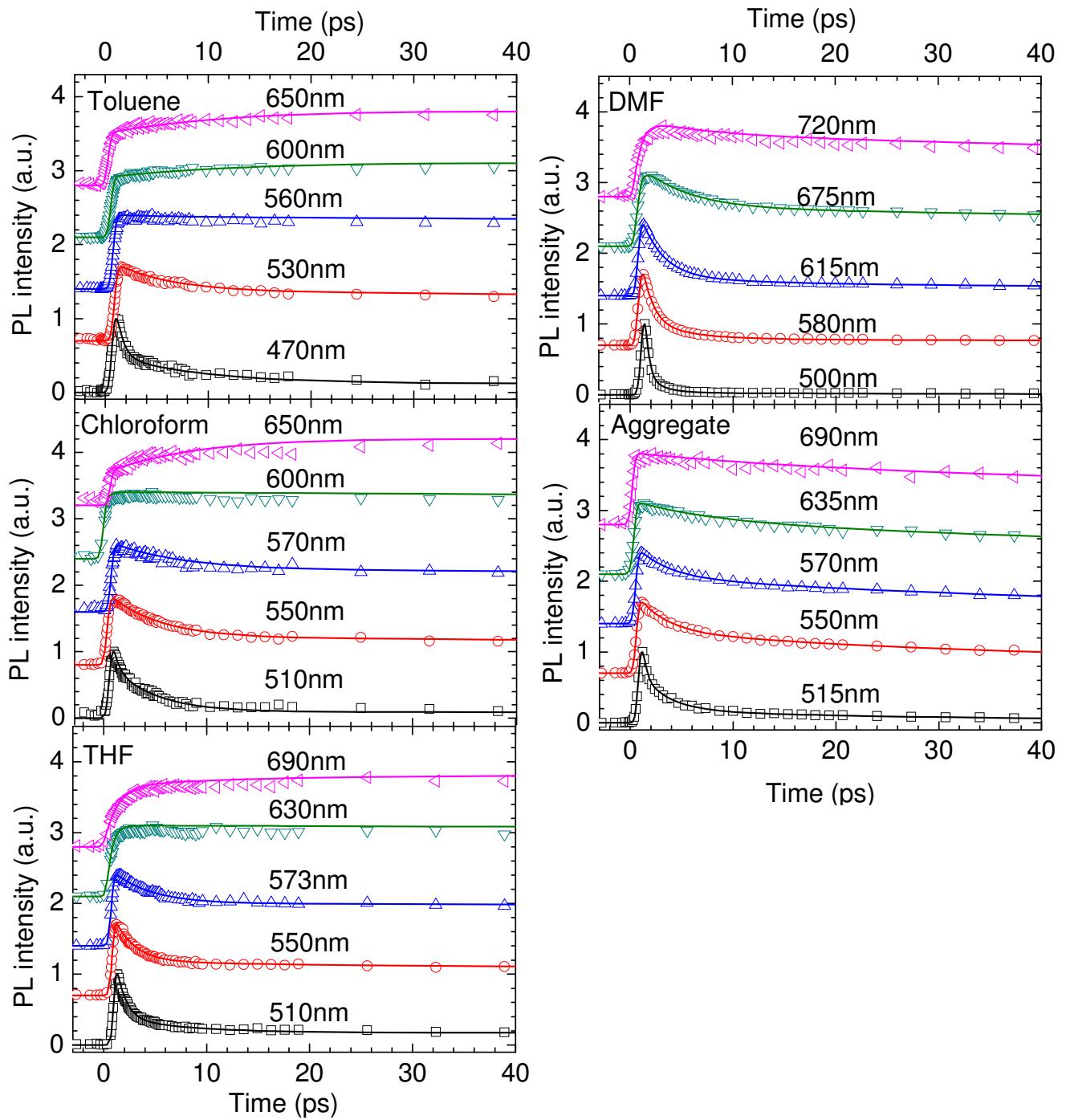


Figure S1 Up conversion fluorescence transients of CNDPASDB at different detection wavelength in toluene, chloroform, THF, DMF and aggregate state in 40ps time window.

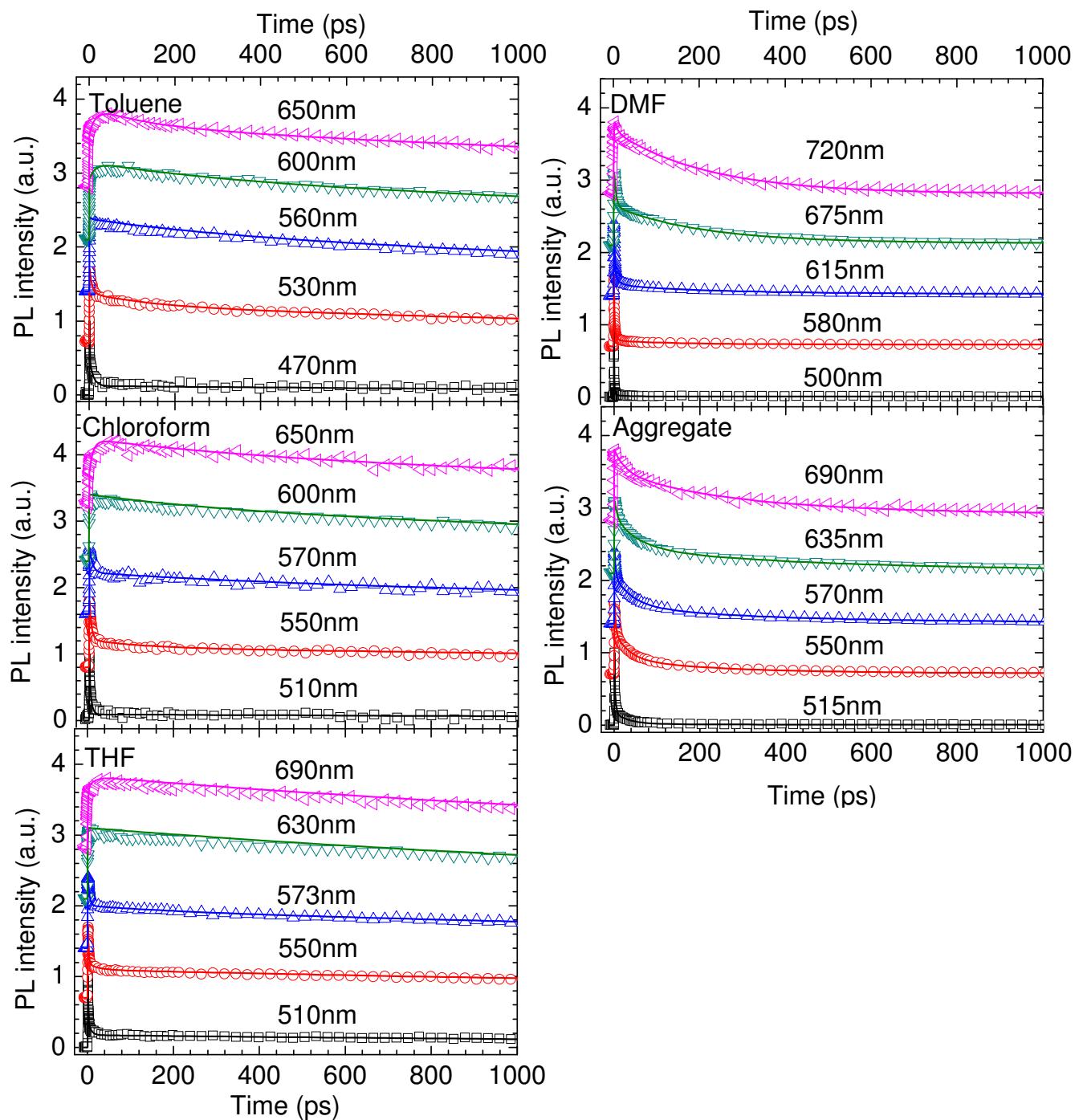


Figure S2 Up conversion fluorescence transients of CNDPASDB at different detection wavelength in toluene, chloroform, THF, DMF and aggregate state in 1000ps time window.