

Note and references:

Electronic Supplementary Information (ESI) available. See DOI:

Solvent-dependent self-assembly and ordering in slow-drying drop-cast conjugated polymer films

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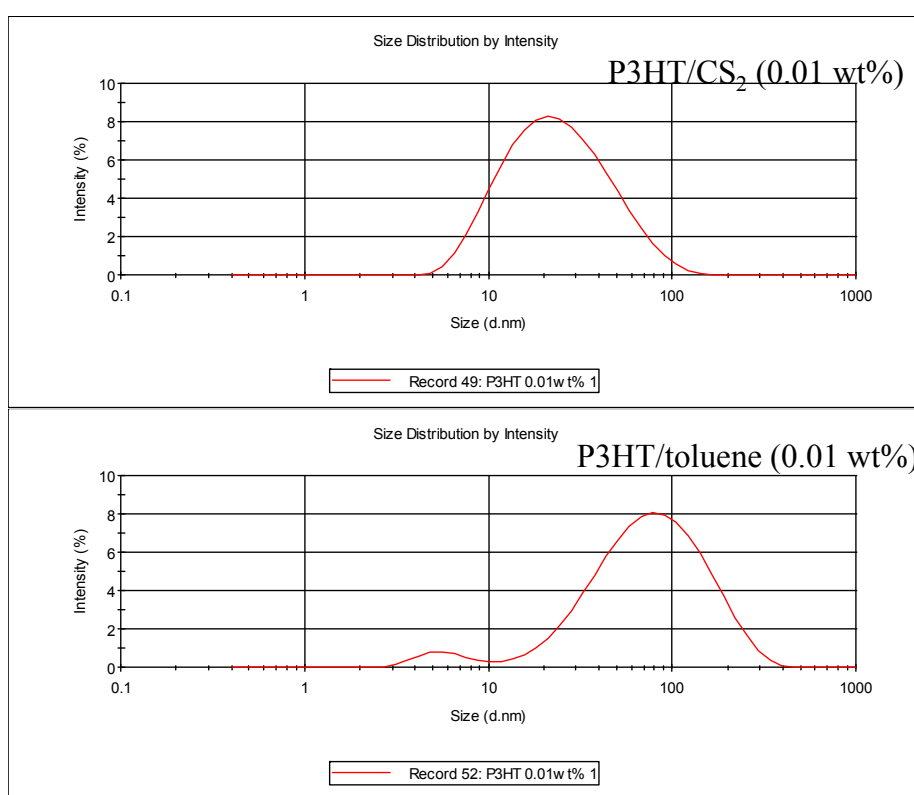


Figure S1. Dynamical light scattering data showing the approximate aggregate size distribution of P3HT solutions in good solvent CS₂ and theta solvent toluene.

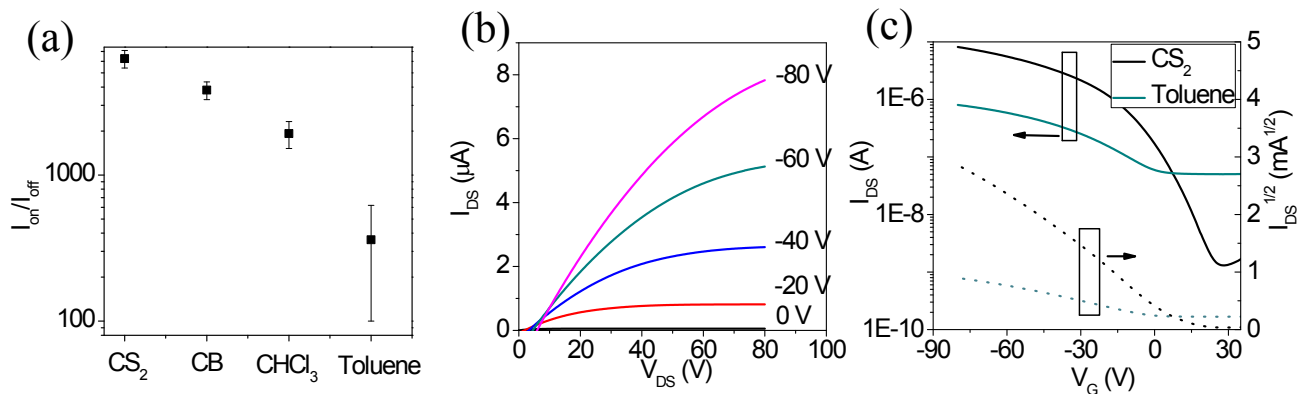


Figure S2. Electrical characteristics in ambient conditions of a representative OTFT with P3HT thin films cast from different solvents. (a) evolution of I_{on}/I_{off} ratio, (b) Output characteristics (I_{DS} vs. V_{DS}) with various V_G measured for CS_2 -cast film, (c) Transfer characteristics (I_{DS} vs. V_G) with a constant V_{DS} for P3HT films cast from good solvent CS_2 and theta solvent toluene.

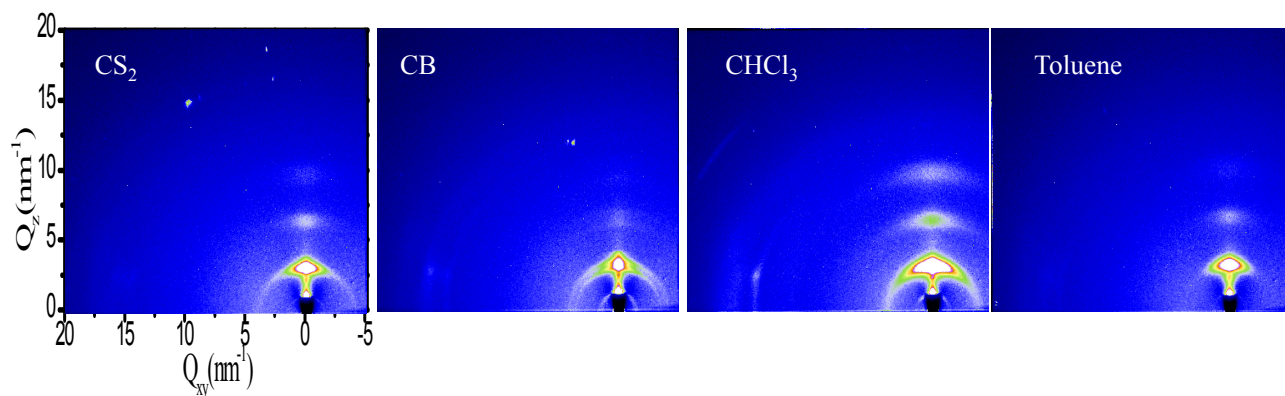


Figure S3. Grazing incidence wide angle X-ray scattering (GIWAXS) of the P3HT films cast from different solvents