

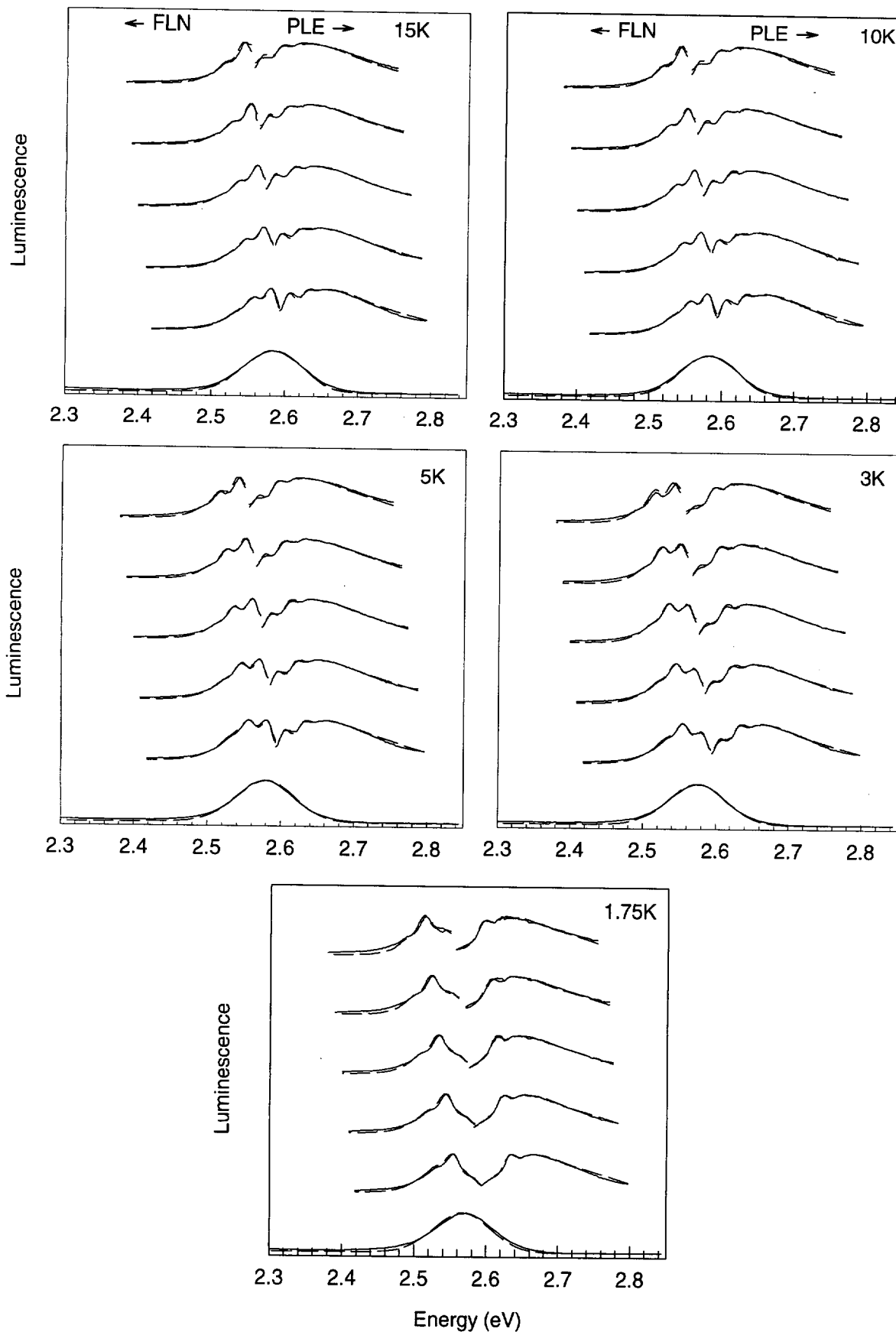
**Supporting Information****Organometallic Synthesis and Spectroscopic Characterization of Manganese Doped CdSe Nanocrystals**

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**Sizing Curve for CdSe Quantum Dots**

$\lambda_{\text{max}}$ (nm)	Effective radius (Å)		$\lambda_{\text{max}}$ (nm)	Effective radius (Å)
480	12.9		564	21.4
484	13.3		568	21.9
488	13.5		572	22.3
492	13.8		576	22.8
496	14.1		580	23.3
500	14.4		584	23.8
504	14.7		588	24.3
508	15.0		592	24.8
512	15.4		596	25.3
516	15.7		600	25.9
520	16.1		604	26.6
524	16.5		608	27.4
528	17.0		612	28.2
532	17.4		616	29.3
536	17.9		620	30.4
540	18.4		624	31.8
544	18.9		628	33.5
548	19.4		632	35.4
552	19.9		636	37.6
556	20.4		640	40.3
560	20.9			

### Experimental (solid) and Calculated (dashed) FLN/PLE Spectra of Undoped QDs



### Experimental (solid) and Calculated (dashed) FLN/PLE Spectra of Doped QDs

