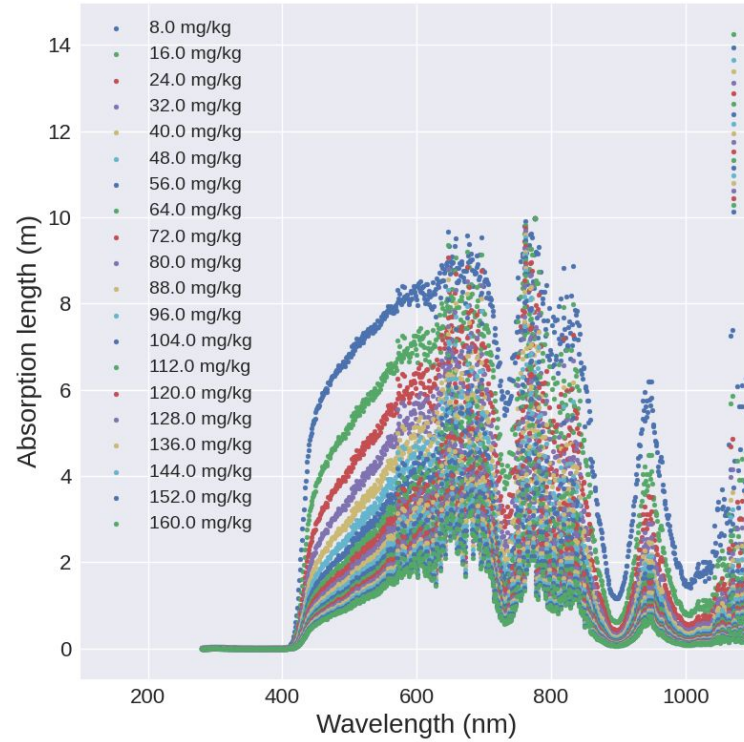


Optimization of WLS dye concentration for the FD2-XA geometry

Julio Ureña, Justo Martín-Albo, Anselmo Cervera

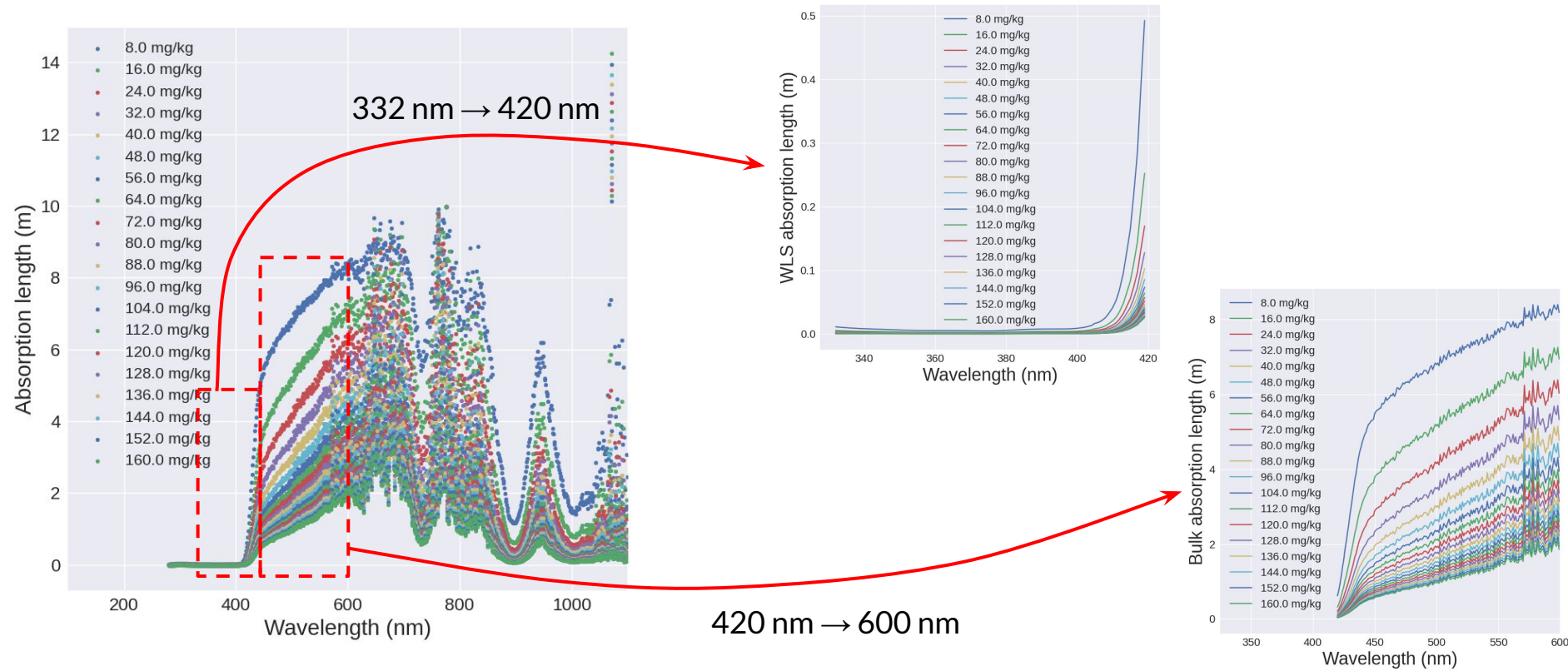
Photon Collectors WG - 6 June 2023

Raw data



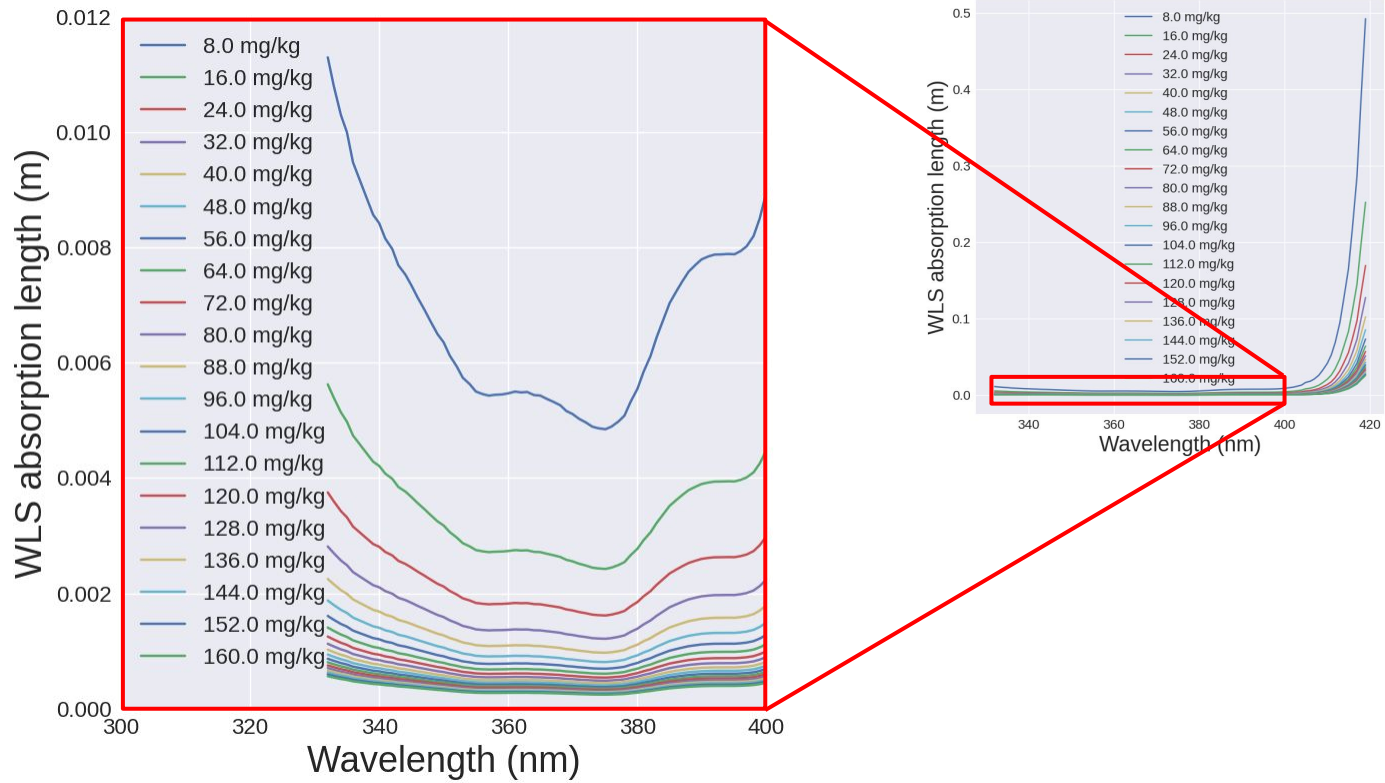
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Separation for WLS/bulk absorption processes



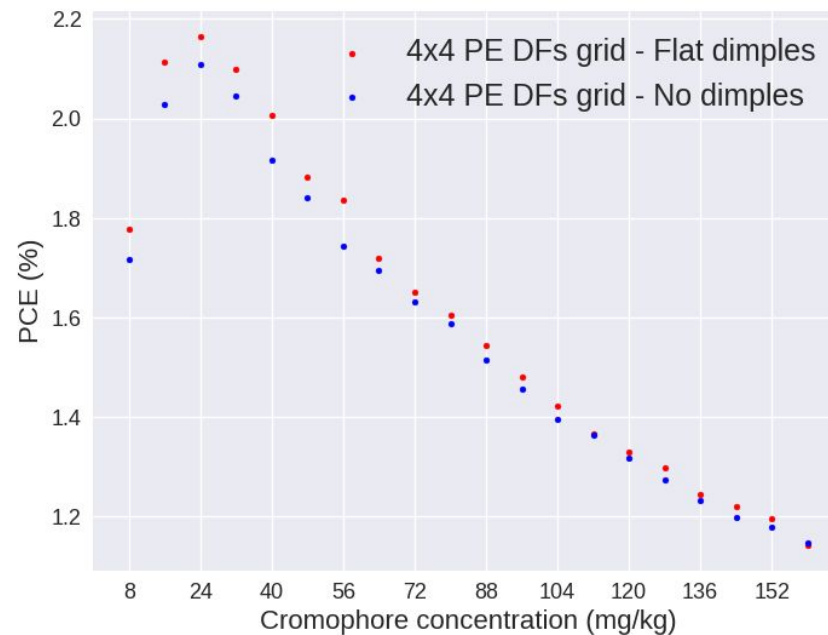
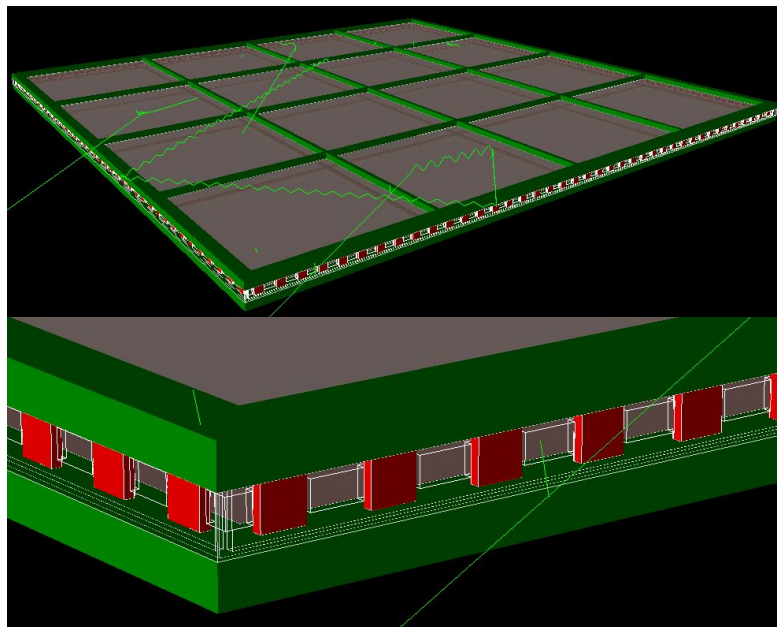
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Separation for WLS/bulk absorption processes



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Result



24 mg/kg seem to be the optimal WLS dye concentration in PMMA up to the simulation