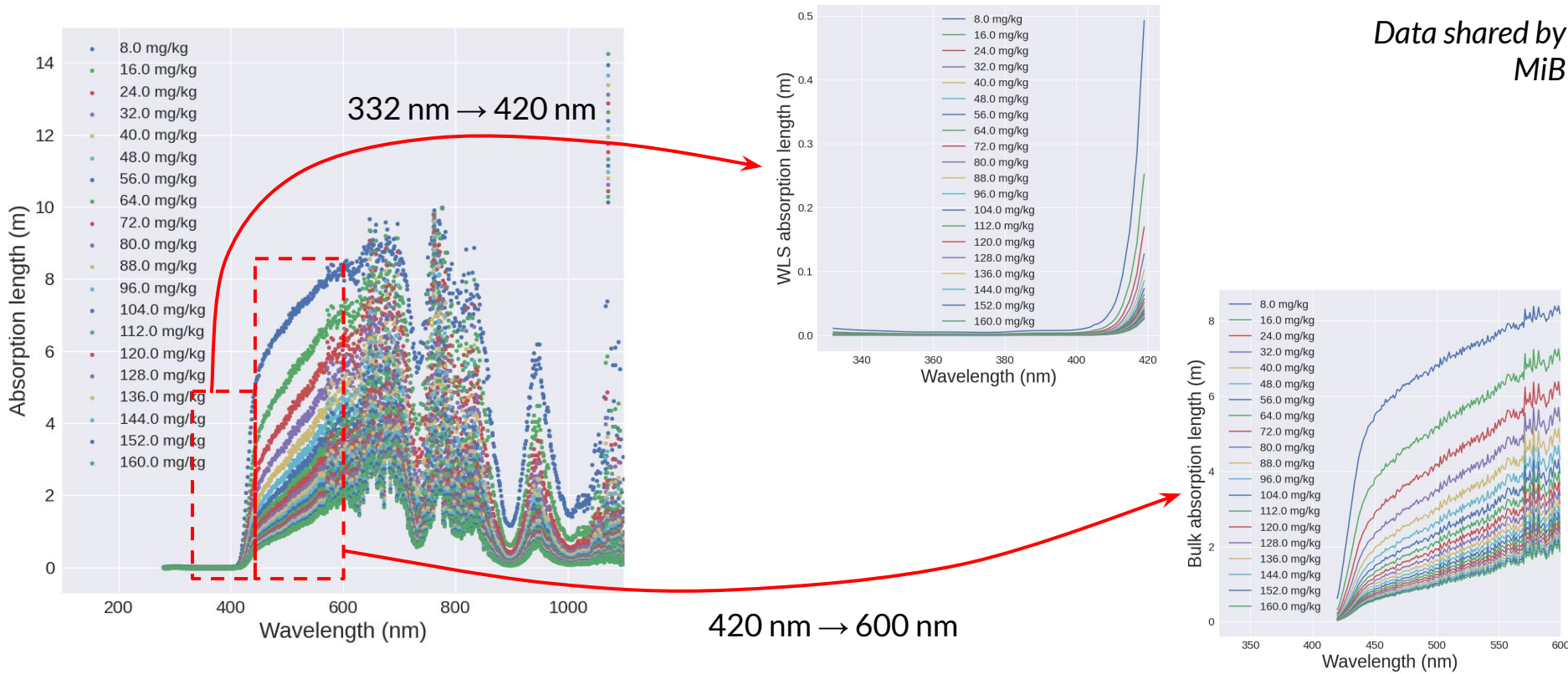


Geometry and DF optimization for FD2-XA

Julio Ureña, Justo Martín-Albo, Anselmo Cervera

Photon Collectors WG - 11 July 2023

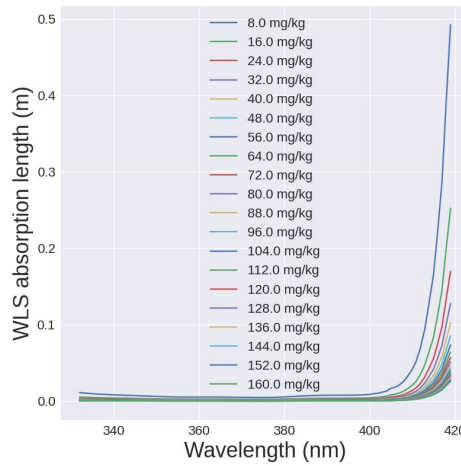
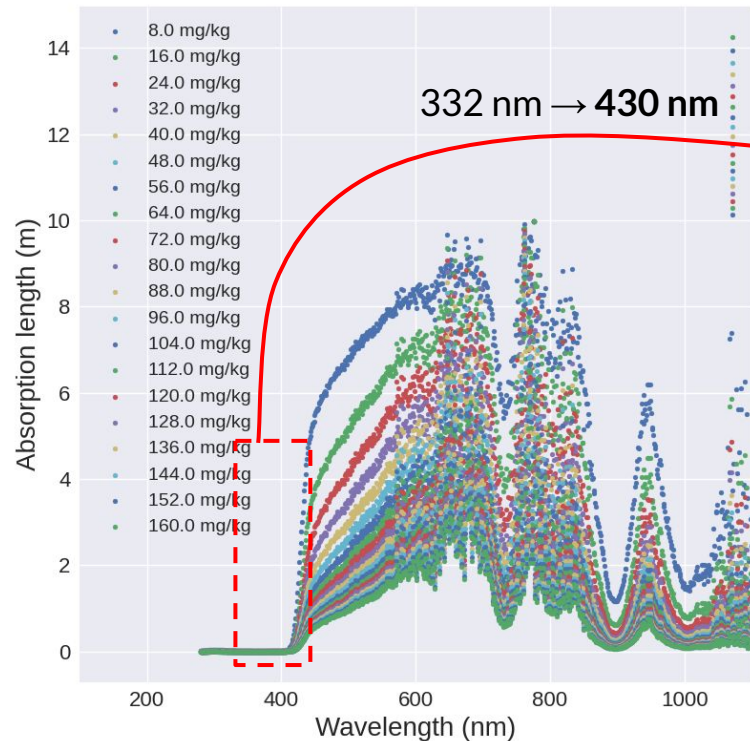
Separation for bulk absorption processes (Deprecated)



Data shared by MiB

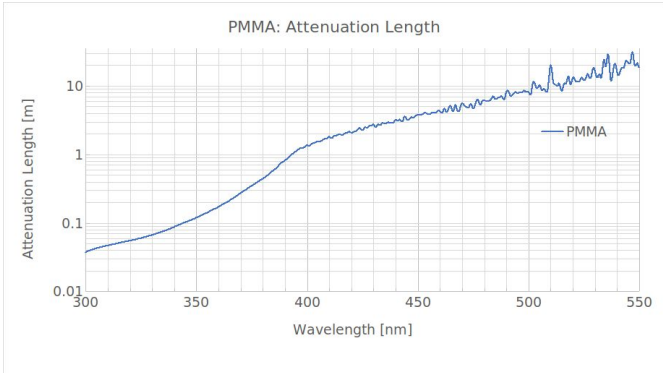
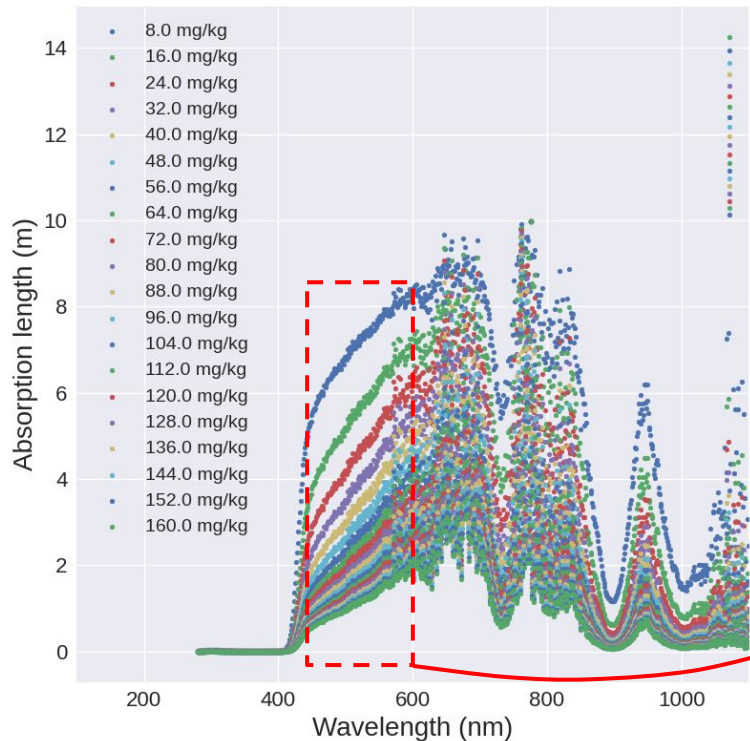
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Data for WLS absorption processes



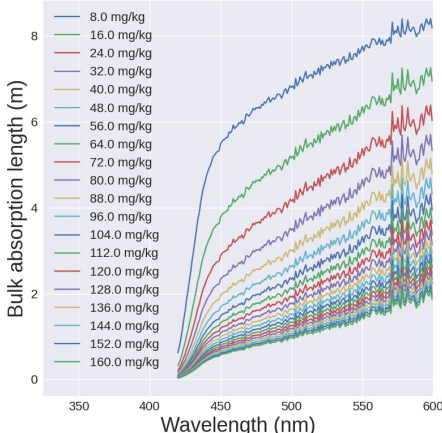
Data shared by MiB

Data for bulk absorption processes



Data shared by MiB

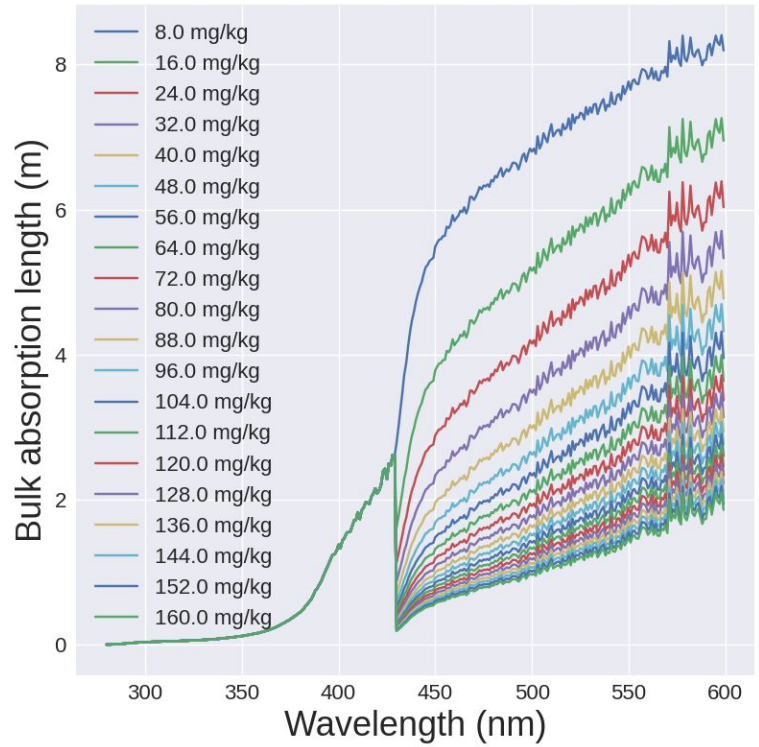
335 → 430 from pure-PMMA data



430 nm → 600 nm from dyed-PMMA data

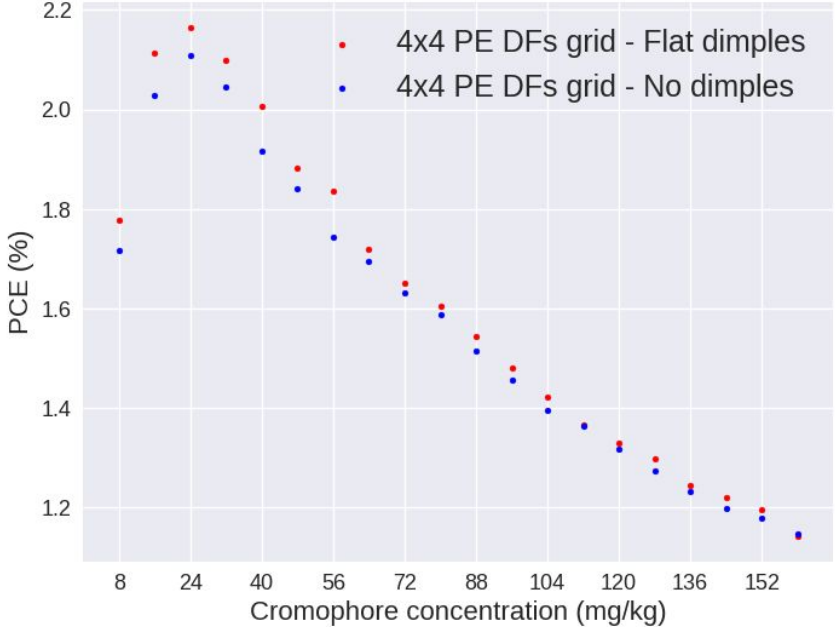
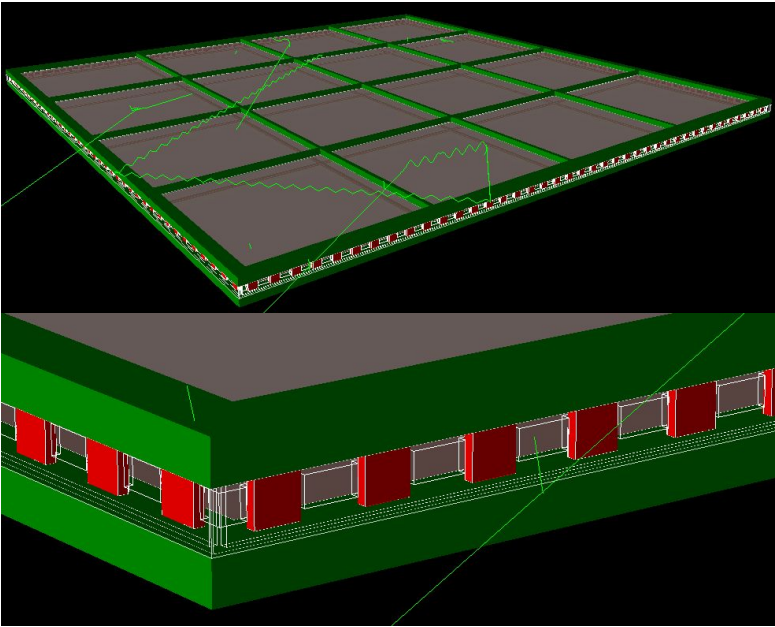
Data for bulk absorption processes

Data shared by MiB



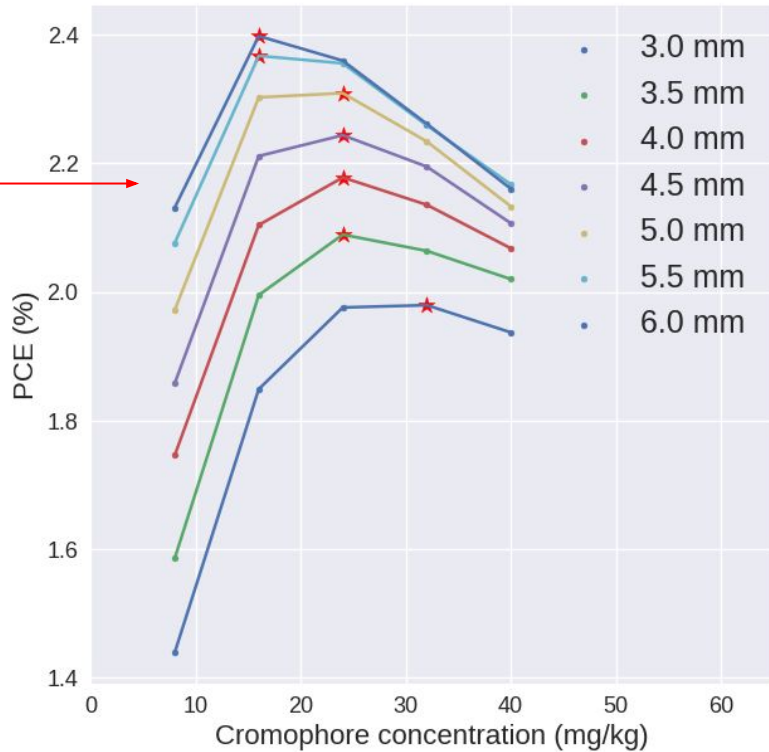
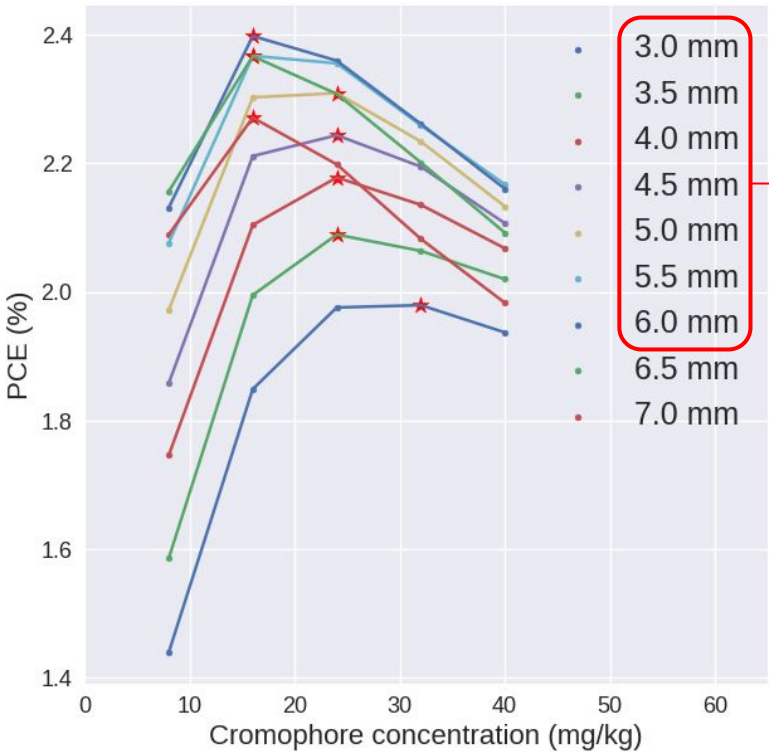
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Previous results



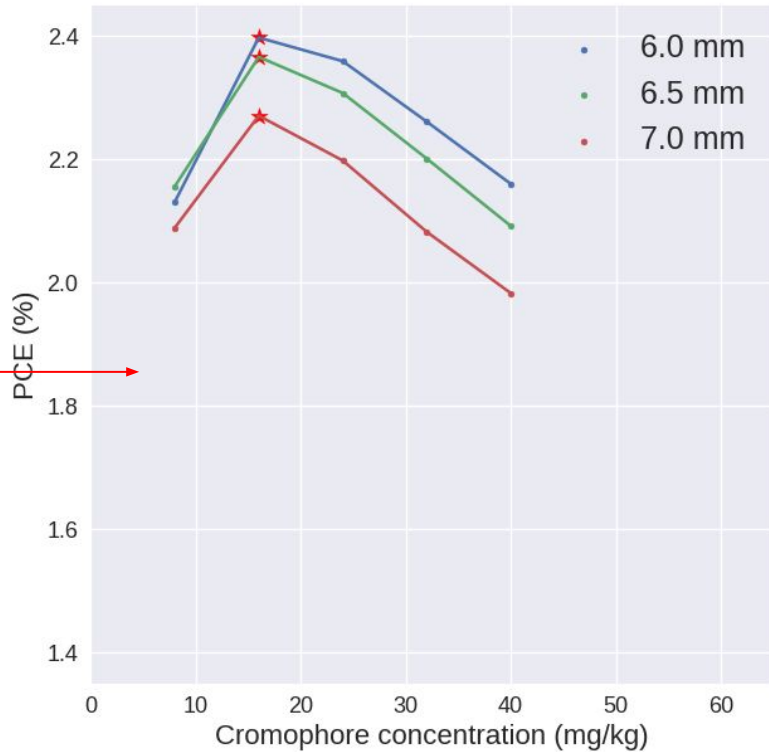
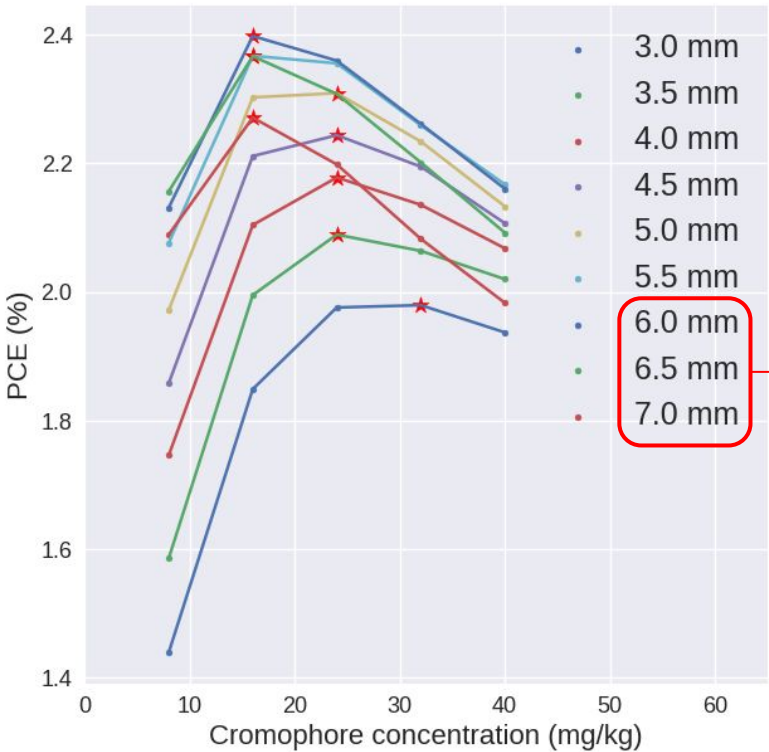
24 mg/kg seem to be the optimal WLS dye concentration in PMMA up to the simulation

New results: WLS dye concentration and plate thickness optimization



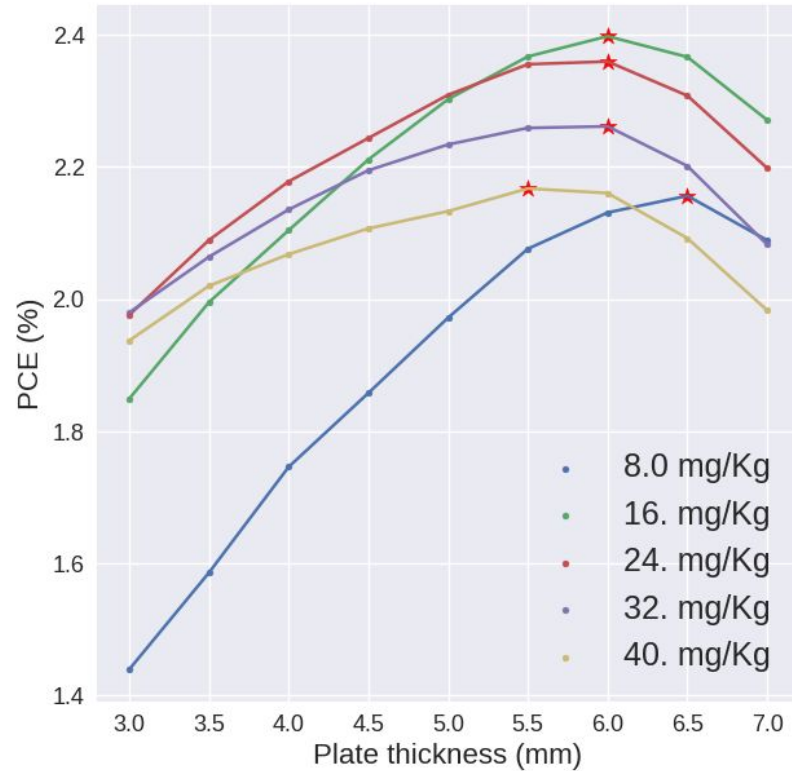
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New results: WLS dye concentration and plate thickness optimization

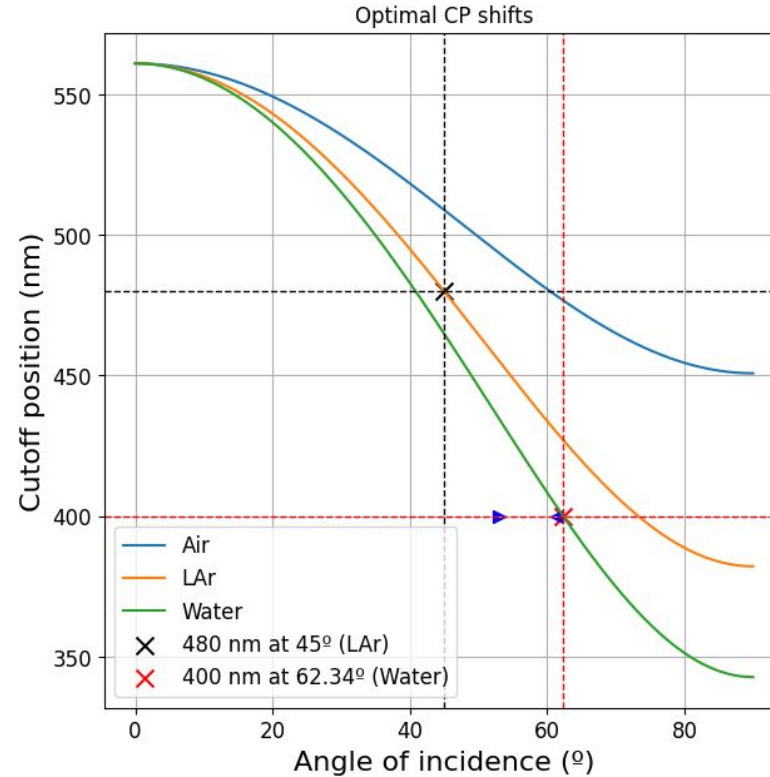


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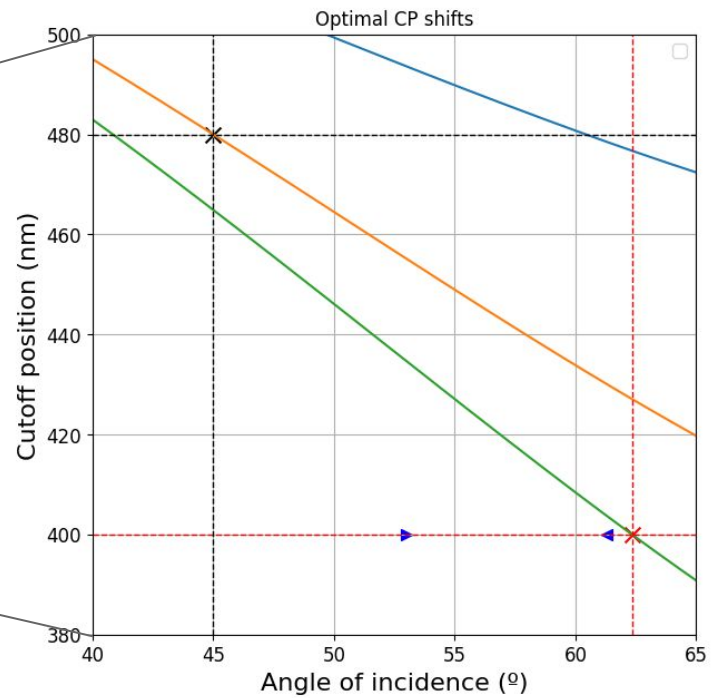
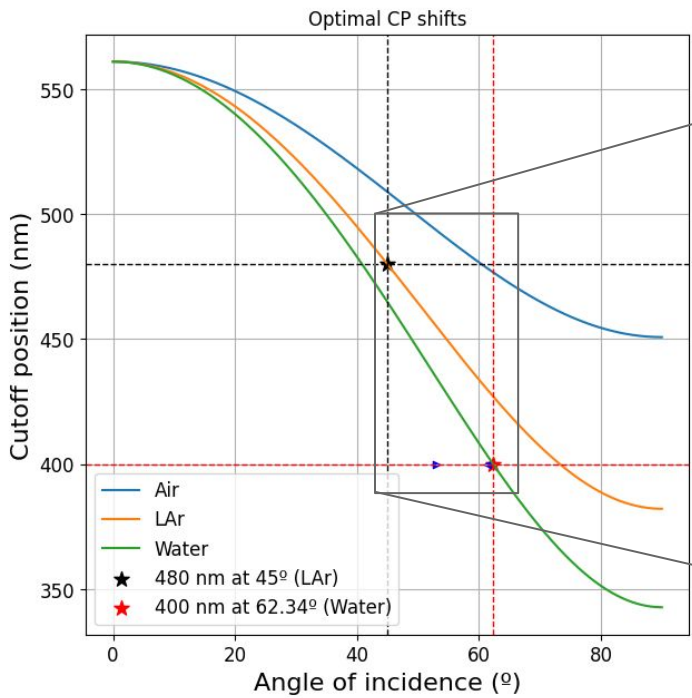
New results: WLS dye concentration and plate thickness optimization



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DF optimization



BACKUP

