

Background studies

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Yuxiang's code

- Yuxiang sent me a version of his code that performs the matrix calculation he details in: http://129.49.57.128/note/contamination_study_note_Nov_3.pdf
- the scripts can be found on github.com/cipriangal/remool/rootScripts/mollerBkgStudy
- Unfortunately this version seems to have only ee, epElastic, epInelastic and eAIElastic analysis
- should be easy to update the analysis (also want to restructure the code to streamline the analysis process)

Todo

- Currently running remoll for the 6 processes needed (ee, epElastic, epInelastic, eAlelastic, eAlQE, eAllInelastic)
- Code restructure and first results should be done by next meeting (hopefully will be the same as Yuxiang has in his document)
- The plan is to have a streamline analysis framework ready so that Amali (Kent's student) can run the target length tests
- In parallel I can work on improving the analysis and optimizing the quartz coverage for the three sectors