

Progress on bb0n analysis

Vladimir Vasiliev

NEMO 3 analysis phone meeting 12 March 08

Analysis Steps

- Install new version of the software (26/02)
- Reconstruct MC for NEMO3 condition during 2007 (29/02)
- Reconstruct 2007 data blinded by Yuri (7/03)
- Repeat 2b2n measurement for Phase 1 and Phase 2 until 12.2006, compare with previous result
- Do 2b2n measurement for 2007 data
- Select 2b0n candidate events until 31.12.2006, crosscheck with Victor (~ mid next week)
- Reconstruct additional stat for Mo 2b2n and Bi214 >2 MeV
- Repeat 2b0n analysis for Phase 1 and Phase 2 until 12.2006, fix analysis.
- Do 2b0n analysis for 2007 data, compare with Yuri
- Un-blind the 2007 data, rerun analysis for final result.

Run List

- Select runs with statuses 1,2,10
- for Phase 2 : $R_n < 400$ mBq (a la 2b2n analysis)