

Update on WIMP benchmark analysis

Update from
<https://agenda.linearcollider.org/event/8286/>

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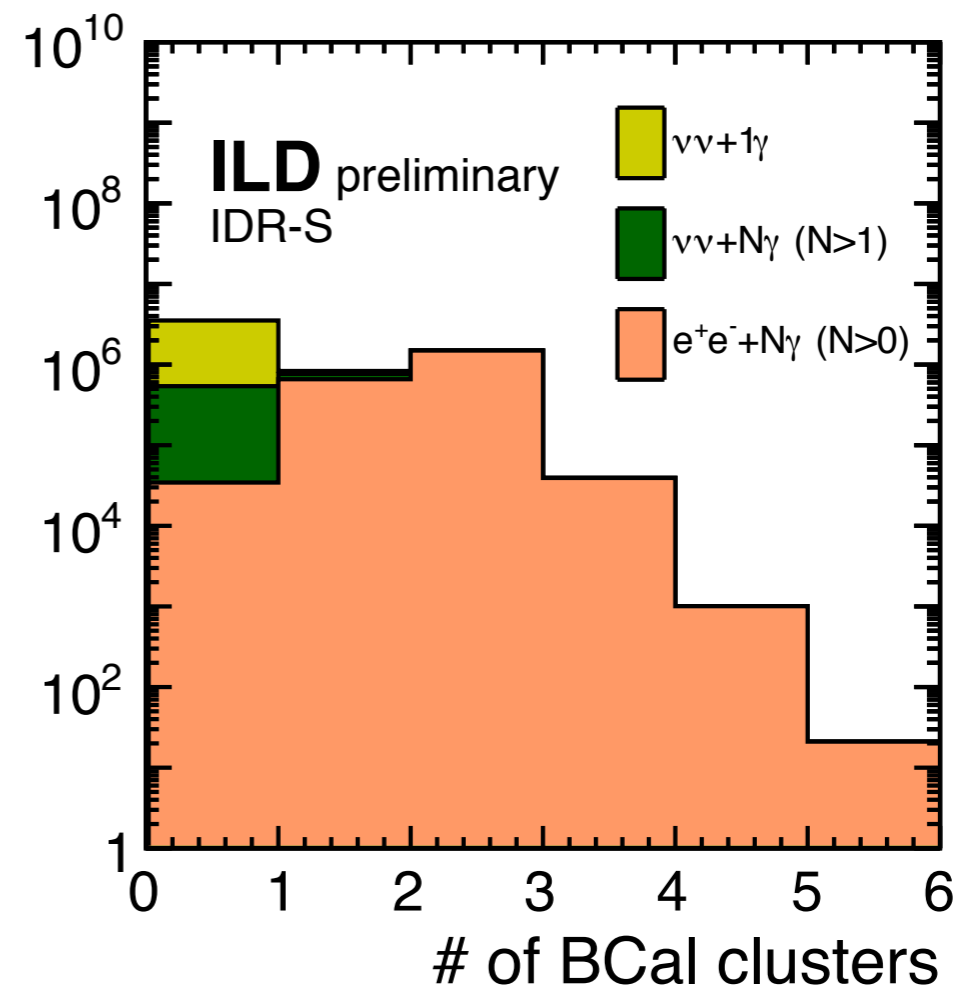
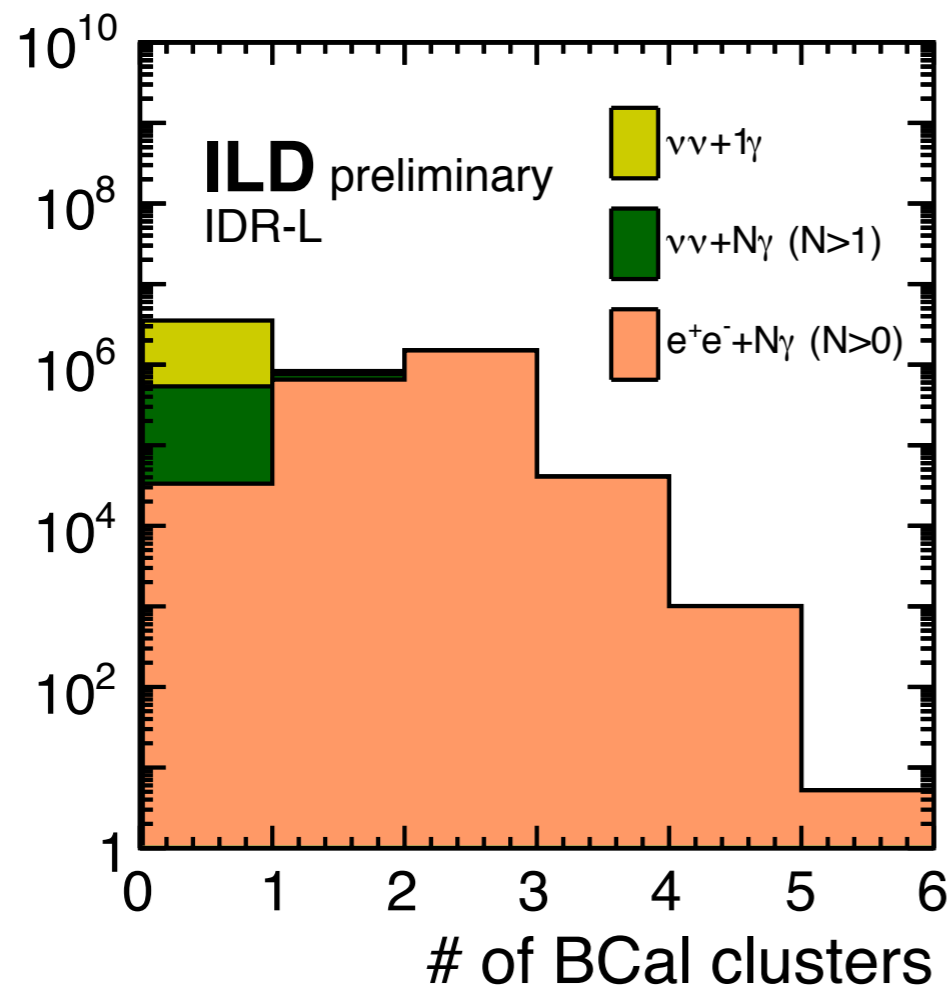
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Current status

- ❖ The confluence page and Git repository are up-to-date.
 - ▶ For IDR draft, Jenny has written the WIMP benchmark and gave a new suggestion (Next page).
 - ▶ The supporting document (note) is sent around within the reviewers (and BSM conveners). This is the third revision.
 - ▶ I hope it will be ready soon for wider circulation.

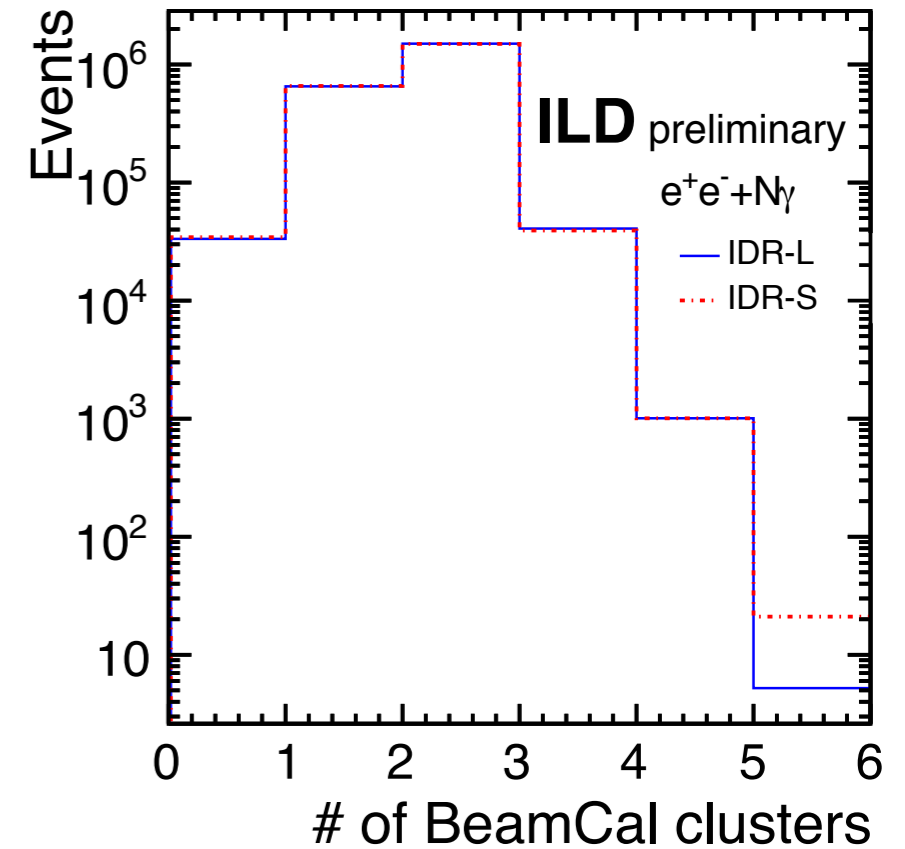
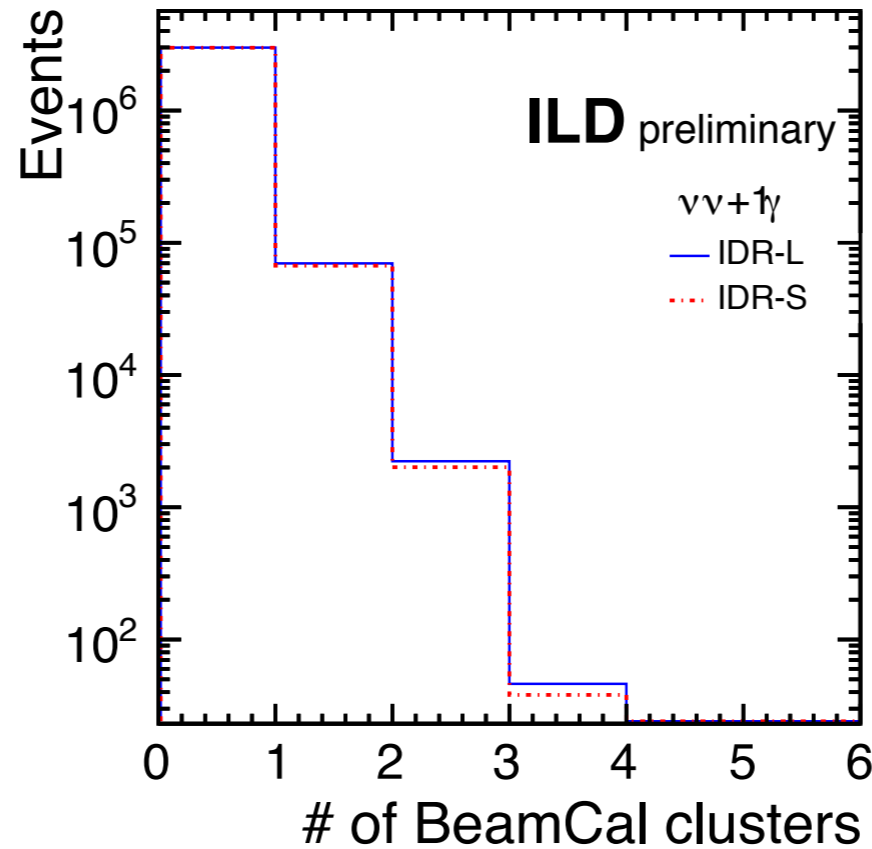
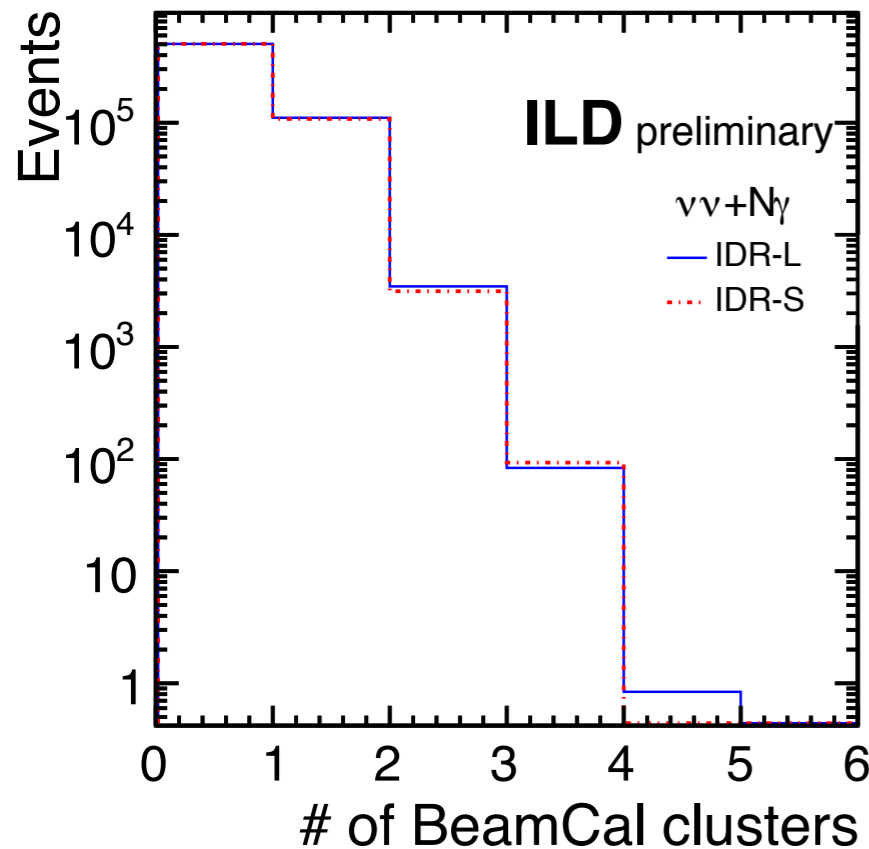
BeamCal veto

- ❖ BeamCal veto is crucial to suppress Bhabha scattering events for this analysis.
- ❖ The following plots are previous version.
 - ▶ easy to compare difference processes.
 - ▶ difficult to compare IDR-L and IDR-S.



BeamCal veto

- ❖ The following plots are previous version.
 - ▶ Dedicated to comparison between IDR-L and IDR-S.
 - ▶ We have decided to use these plots instead of the previous two plots for IDR (but we will keep the previous plots in our supporting document.)



Summary

- ❖ Plots regarding BeamCal veto have been replaced so that we can easily compare.
- ❖ The supporting document is getting ready for wider circulation.
- ❖ Git repository is up-to-date.