

Results on annual modulation by DAMA/LIBRA-phase2

Friday 27 March 2020 10:00 (15 minutes)

The results of the first 6 independent annual cycles of DAMA/LIBRA-phase2 experiment deep underground at Gran Sasso are summarized; they correspond to a total exposure of $1.13 \text{ ton} \times \text{yr}$. The DAMA/LIBRA-phase2, with lower energy threshold with respect to phase1, confirms the evidence of a signal that meets all the requirements of the model independent Dark Matter annual modulation signature, at high C.L. The model independent DM annual modulation result is compatible with a wide set of DM candidates. In this talk we summarize some of them and perspectives for the future will be outlined.

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