PHYSTAT Dark Matter 2019



Contribution ID: 41 Type: Poster

DAMA/LIBRA Phase I and II combined analysis in the standard WIMP scenario

Wednesday, 31 July 2019 18:05 (1 hour)

In 2018 DAMA/LIBRA has reported results about 6 more annual cycles, the so-called Phase-II, which follows an upgrade of the detector with respect to Phase-I. A combined frequentist analysis of the results of DAMA Phase I and II is presented. The combined analysis is compared with each individual Phase result with the same assumptions. A discussion of nuisance parameters is reported.

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Session Classification: Poster session