

## $^8\text{He}$ spectroscopy in stopped pion absorption by $^{11}\text{B}$

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Level structure of  $^8\text{He}$  has been studied in the reaction of stopped pion absorption by  $^{11}\text{B}$  nuclei  $^{11}\text{B}(\pi^-,pd)X$ . The experiment was carried out at the LANL with a two-arm semiconductor spectrometer. The missing mass spectrum in the range  $0 \text{ MeV} < MM < 50 \text{ MeV}$  has been described by the superposition of phase-space distributions and the six states of  $^8\text{He}$ . Parameters of these states have been compared with data of other experimental and theoretical works.

**Primary author(s) :** LEONOVA, Tatiana

**Co-author(s) :** Dr. CHERNYSHEV, Boris; Dr. GUROV, Yuri; Dr. SANDUKOVSKY, Vyacheslav (NRNU MEPhI); LAPUSHKIN, Sergei

**Presenter(s) :** LEONOVA, Tatiana

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