
Adopted Levels:unobserved

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	J. H. Kelley, G. C. Sheu		ENSDF	1-May-2022

$S(p) = -2.9 \times 10^3$ *SY* [2021Wa16](#)

The nucleus ${}^6\text{B}$ is particle unbound, and so far no resonances have been observed in any reactions.

In [1989Gr06](#), the (π^+, π^-) pion double charge exchange reaction was studied on ${}^6\text{Li}$ at $E(\pi^+) = 180$ and 240 MeV. A subsequent study was carried out at $E(\pi^+) = 120, 180, 240$ MeV by [2007Fo05](#). Results from either study are consistent with production of the final system in a multi-body phase-space with no evidence of contributions from a ${}^6\text{B}$ resonance.

See mass calculations in ([1986Be02](#), [1993Po11](#), [2013Ti01](#)).