^{9}Be(^{76}Ge,X) 2008Bl05,2010Fe01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 202,59 (2025)	25-Feb-2025

2010Fe01 (also 2008Bl05): E=130 MeV/nucleon ^{76}Ge beam was produced from the cyclotron at NSCL. Fragments were separated by the A1900 fragment separator and transported to the Low Energy Beam and Ion Trap (LEBIT) facility. Measured masses using the TOF ion cyclotron resonance (TOF-ICR) technique.

2008Ad04: E=130 MeV ^{76}Ge beam from the cyclotron at NSCL. Measured yield.

^{65}Fe Levels

E(level)	J^{π}[†]	Comments
0	$(1/2^-)$	Measured mass excess=−51221.3 keV *68* (2010Fe01). Additional information 1.
402 *11*	$(9/2^+)$	E(level): from difference between measured mass excesses of g.s. and isomer. Measured mass excess=−50819.4 keV *80* (2010Fe01). Additional information 2.

[†] Proposed by 2008Bl05 based on systematics in other odd-A iron isotopes and shell-model predictions.