

$^{116}\text{Sn}(\text{p},3\text{n}\gamma)$  E=21-52 MeV 1973Gi02

| <u>Type</u>     | <u>Author</u> | <u>History Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|---------------|-------------------------|-------------------------------|
| Full Evaluation | Jean Blachot  | NDS 113, 515 (2012)     | 1-Jan-2012                    |

Measured:  $\gamma$ ,  $T_{1/2}$ ,  $\sigma(\text{E(p)})$ .

The energy level assignment for the isomer deduced by 1973Gi02 (422) is incorrect, since the authors did not see two low energy transitions, see 1976Ka19.

 $^{114}\text{Sb}$  Levels

| <u>E(level)</u> | <u><math>J^\pi</math><sup>†</sup></u> | <u><math>T_{1/2}</math></u> |
|-----------------|---------------------------------------|-----------------------------|
| 0               | $3^+$                                 |                             |
| 96              |                                       |                             |
| 496             | $(8^-)$                               | 275 $\mu\text{s}$ 20        |

<sup>†</sup> From Adopted Levels.

 $\gamma(^{114}\text{Sb})$ 

| <u><math>E_\gamma</math></u> | <u><math>E_i(\text{level})</math></u> | <u><math>J^\pi_i</math></u> | <u><math>E_f</math></u> | <u><math>J^\pi_f</math></u> | <u>Mult.</u> | <u>Comments</u>     |
|------------------------------|---------------------------------------|-----------------------------|-------------------------|-----------------------------|--------------|---------------------|
| 96                           | 96                                    |                             | 0                       | $3^+$                       | (E2)         |                     |
| 400                          | 496                                   | $(8^-)$                     | 96                      |                             | (E3)         | B(E3)(W.u.)=14.6 11 |

 $^{116}\text{Sn}(\text{p},3\text{n}\gamma)$  E=21-52 MeV 1973Gi02Level Scheme