

${}^{46}\text{Ti}(e,e')$  1990Gu09

| Type            | Author    | History Citation | Literature Cutoff Date |
|-----------------|-----------|------------------|------------------------|
| Full Evaluation | S. -c. Wu | NDS 91, 1 (2000) | 15-Jul-2000            |

E(e)=25, 40 MeV (1990Gu09); 198, 299 MeV (1971He08).

For  ${}^{46}\text{Ti}(e,e)$ , see 1972He17, 1971Ro20.

Measured:  $\sigma(E,\theta)$ .

 ${}^{46}\text{Ti}$  Levels

| E(level) <sup>†</sup> | J $\pi$ <sup>‡</sup> | S#       | E(level) <sup>†</sup> | J $\pi$ <sup>‡</sup> | S#      | E(level) <sup>†</sup> | J $\pi$ <sup>‡</sup> | S#      |
|-----------------------|----------------------|----------|-----------------------|----------------------|---------|-----------------------|----------------------|---------|
| 0.0                   | 0 <sup>+</sup>       |          | 3696                  | 2 <sup>+</sup>       | 14.3 31 | 5321                  | 2 <sup>+</sup>       | 12.7 29 |
| 890                   | 2 <sup>+</sup>       |          | 3731                  | 1 <sup>+</sup>       | 0.27 6  | 5363                  | 2 <sup>+</sup>       | 8.7 30  |
| 2000                  | 4 <sup>+</sup>       |          | 3872                  | 1 <sup>+</sup>       | 0.19 6  | 6134                  | 2 <sup>+</sup>       | 37.9 27 |
| 2974                  | 2 <sup>+</sup>       | 13.5 31  | 4035                  | 2 <sup>+</sup>       | 20.3 51 | 6398                  | 1 <sup>+</sup>       | 0.90 10 |
| 3239                  | 2 <sup>+</sup>       | 121.8 49 | 4324                  | 1 <sup>+</sup>       | 1.04 10 |                       |                      |         |
| 3677                  | 2 <sup>-</sup>       |          | 5237                  | 2 <sup>+</sup>       | 6.9 27  |                       |                      |         |

<sup>†</sup> Adopted values; levels 890 and 2000 from 1971He08.

<sup>‡</sup> From analysis of  $\sigma(\theta)$  (1990Gu09).

# B(M1) and B(E2).