

$^{135}\text{Cs}$   $\beta^-$  decay ( $2.3 \times 10^6$  y) [1949Su03](#),[1953Li01](#),[1955Pa53](#)

| Type            | Author   | History | Citation            | Literature Cutoff Date |
|-----------------|--|---------|---------------------|------------------------|
| Full Evaluation | Balraj Singh, Alexander A. Rodionov And Yuri L. Khazov |         | NDS 109, 517 (2008) | 22-Jan-2008            |

Parent:  $^{135}\text{Cs}$ :  $E=0.0$ ;  $J^\pi=7/2^+$ ;  $T_{1/2}=2.3 \times 10^6$  y 3;  $Q(\beta^-)=268.7$  11;  $\% \beta^-$  decay=100.0

Other: [1950Ze55](#).

[Additional information 1](#).

 $^{135}\text{Ba}$  Levels

| <u>E(level)</u> | <u><math>J^\pi</math></u> |
|-----------------|---------------------------|
| 0.0             | $3/2^+$                   |

 $\beta^-$  radiations

| <u>E(decay)</u> | <u>E(level)</u> | <u><math>I\beta^{-\dagger}</math></u> | <u>Log <math>ft</math></u> | <u>Comments</u>  |
|-----------------|-----------------|---------------------------------------|----------------------------|--|
| (268.7 11)      | 0.0             | 100                                   | 13.48 6                    | av $E\beta=75.7$ 4<br>E(decay): 210 10 ( <a href="#">1949Su03</a> ), 205 ( <a href="#">1953Li01</a> ) from $\beta$ measurements. The values are much lower than the expected value of 269 keV. |

$\dagger$  Absolute intensity per 100 decays.