

^{32}Ne β^- decay (3.5 ms) [1990Gu02](#),[1991Mu19](#),[1997Sa14](#)

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|---------------------------------|---------|----------------------|------------------------|
| Full Evaluation | Christian Ouellet, Balraj Singh | | NDS 112, 2199 (2011) | 24-Aug-2011 |

Parent: ^{32}Ne : $E=0$; $J^\pi=0^+$; $T_{1/2}=3.5$ ms 9; $Q(\beta^-)=18190$ SY; $\% \beta^-$ decay=100.0

^{32}Ne - $Q(\beta^-)$: 18190 520 (syst,[2011AuZZ](#)). Others: 18210 880 (syst,[2003Au03](#)), 18440 808 from mass excess of 37280 800 (syst,[2003Au03](#)) for ^{32}Ne and measured (also evaluated) mass excess of 18840 110 ([2007Ju03](#)) for ^{32}Na .

^{32}Ne - $T_{1/2}$: from [1998NoZW](#) (tentative result).

Production of ^{32}Ne nuclide in $^{181}\text{Ta}(^{48}\text{Ca},X)$ fragmentation reaction: [1990Gu02](#), [1991Mu19](#), [1997Sa14](#), [2002LuZT](#).

Details of ^{32}Ne decay are not known.

 ^{32}Na Levels

| E(level) | J^π | Comments |
|----------|-----------------------------------|--------------------------------|
| 0? | (3 ⁻ ,4 ⁻) | J^π : from Adopted Levels. |