



**A=110**  
NDS 38, 545(1983)  
NDS 67, 809(1992)(U)

$0^+$   
 **$^{110}_{40}\text{Zr}$**

$Q_{\beta^-}(9300)$

$S_n$ .....(3400)

$S_p$ .....(14600)

$0.17\text{ s}$   
 **$^{110}_{41}\text{Nb}$**   
 $\beta^-$

$Q_{\beta^-}(12100)$

$S_n$ .....(6300)  $40\%$   $S_p$ .....(11400)

$0^+$   $0.30\text{ s}$   
 **$^{110}_{42}\text{Mo}$**   
 $\beta^-$

$S_n$ .....(4600)

$S_p$ .....(12600)

$Q_{\beta^-}(5900)$

$(1^+, 2^+) 0.92\text{ s}$   
 **$^{110}_{43}\text{Tc}$**   
 $\beta^-$

$S_n$ .....7360

$S_p$ .....9390

$Q_{\beta^-}(8800)$

$S_n$ .....6010

$S_p$ .....10627

$S_n$ .....8818

$S_p$ .....7142.8

$S_n$ .....6809.20

$0^+$   $14.6\text{ s}$   
 **$^{110}_{44}\text{Ru}$**   
 $\beta^-$

$Q_{\beta^-}2810$

$(\geq 4)$   $28.5\text{ s}$   $\beta^-$   
 $1^+$   $3.2\text{ s}$   
 **$^{110}_{45}\text{Rh}$**   
 $\beta^-$

$Q_{\beta^-}5400$

$0^+$   
 **$^{110}_{46}\text{Pd}$**

$249.79\text{ d}$   
 $24.6\text{ s}$   
 $6^+$   $1^+$   $0$   
 **$^{110}_{47}\text{Ag}$**   
 $\beta^-$

$Q_{\beta^-}2892.2$

$Q_{EC}892$

$117.59$   $98.64\%$   
 $1^+$   $0$   $99.70\%$   
 $0.30\%$

$(1^+) 0.57\text{ s}$   
 **$^{114}_{55}\text{Cs}$**   
 $\alpha$   $0.018\%$

$Q_{\alpha}3360$

$S_n$ .....(10800)

$S_p$ .....(1400)  
 $0^+$   $\sim 0.2\text{ s}$   
 **$^{110}_{54}\text{Xe}$**   
 $\alpha$

$Q_{EC}(8600)$   
 $Q_{\alpha}3885$

$p-11\%$   
 $\alpha-1.1\%$   
 $\alpha+p$

$S_n$ .....12770

$S_p$ .....(100)

$0.65\text{ s}$   
 **$^{110}_{53}\text{I}$**   
 $\alpha$   $17\%$

$Q_{EC}(11900)$   
 $Q_{\alpha}3580$

$0^+$   $18.6\text{ s}$   
 **$^{110}_{52}\text{Te}$**   
 $\alpha$   $\sim 0.003\%$

$Q_{EC}(5260)$   
 $Q_{\alpha}2723$

$S_n$ .....9916

$S_p$ .....8919.0

$S_n$ .....8058

$S_p$ .....5255

$S_n$ .....11270

$S_p$ .....6638

$S_n$ .....(9350)

$S_p$ .....(2190)

$Q_{EC}(8300)$

$3^+$   $23.0\text{ s}$   
 **$^{110}_{51}\text{Sb}$**   
 $EC$

$EC$   $2^+$   $62.09$   $69.1\text{ m}$   
 $7^+$   $0$   $4.9\text{ h}$   
 **$^{110}_{49}\text{In}$**   
 $Q_{EC}3878$

$0^+$   $4.11\text{ h}$   
 **$^{110}_{50}\text{Sn}$**   
 $Q_{EC}637$

$0^+$   
 **$^{110}_{48}\text{Cd}$**

Evaluators: D. De Frenne and E. Jacobs