



$S_n$  (1000)  
.....  
 **$^{29}_{9}\text{F}$**

$Q_{\beta^-}$  (22300)

$S_p$  (22500)  
.....

$S_n$  1300  
0.2 s  
 **$^{29}_{10}\text{Ne}$**   $\beta^-$

$Q_{\beta^-}$  15400

$S_p$  15950  
.....

$S_n$  4420  
3/2 44.9 ms  
 **$^{29}_{11}\text{Na}$**   $\beta^-$

$Q_{\beta^-}$  13280

$S_n$  3710  
21.5%  
 $S_p$  10485.7  
 $S_n$  9436.3  
3/2+ 1.30 s  
 **$^{29}_{12}\text{Mg}$**   $\beta^-$

$Q_{\beta^-}$  7550

5/2+ 6.56 m  
 **$^{29}_{13}\text{Al}$**   $\beta^-$

$Q_{\beta^-}$  3679.5

**A=29**  
**NP A521, 1(1990)**

1/2+  
 **$^{29}_{14}\text{Si}$**

$S_p$  12333.44  
 $S_n$  8473.55

$S_n$  17862  
P  
47%  
 $S_p$  2748.1

1/2+ 4.140 s  
EC  
 **$^{29}_{15}\text{P}$**   
 $Q_{EC}$  4943.1

5/2+ 187 ms  
EC  
 **$^{29}_{16}\text{S}$**   
 $Q_{EC}$  13790

$S_n$  15300  
.....

$S_n$  (21500)  
.....

**$^{29}_{17}\text{Cl}$**   
 $Q_{EC}$  (16300)  
 $Q_p$  (1780)