

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 68**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta_{np} \cdot T_{1/2}}$
$\frac{546.171}{-}$	$\text{Cr}_{24}^{68}$	$\frac{67.98272}{-}$	24n	2+0	0+4	0+8	1+4	1+2	0+1	0+1	$\frac{13.10M}{\beta^- > 360ns}$
$\frac{557.981}{557.89}$	$\text{Mn}_{25}^{68}$	$\frac{67.96920}{67.96930}$	25n	2+0	2+3	0+9	0+3	1+2	1+1	1+0	$\frac{15.20M}{\beta^- 28.0ms}$
$\frac{572.051}{571.64}$	$\text{Fe}_{26}^{68}$	$\frac{67.95326}{67.95370}$	26n	2+0	6+1	0+9	1+4	0+2	1+0	0+0	$\frac{8.80M}{\beta^- 180ms}$
$\frac{579.879}{579.08}$	$\text{Co}_{27}^{68}$	$\frac{67.94401}{67.94487}$	27n	2+0	8+0	2+8	0+5	1+1	0+0	0+0	$\frac{11.55M}{\beta^- 199ms}$
$\frac{588.287}{590.41}$	$\text{Ni}_{28}^{68}$	$\frac{67.93415}{67.93187}$	28n	2+0	8+0	6+6	0+6	0+0	0+0	0+0	$\frac{2.103M}{\beta^- 29.0s}$
$\frac{590.738}{591.73}$	$\text{Cu}_{29}^{68}$	$\frac{67.93067}{67.92961}$	29n	2+0	8+0	8+5	1+5	0+0	0+0	0+0	$\frac{4.4398M}{\beta^- 30.9s}$
$\frac{592.743}{595.39}$	$\text{Zn}_{30}^{68}$	$\frac{67.92768}{67.92484}$	30n	2+0	8+0	12+3	0+5	0+0	0+0	0+0	$\frac{\text{st}}{19.024\%}$
$\frac{592.318}{591.68}$	$\text{Ga}_{31}^{68}$	$\frac{67.92730}{67.92798}$	31n	2+0	8+0	14+2	0+4	1+0	0+0	0+0	$\frac{2.9211M}{ce 67.71m}$
$\frac{591.399}{590.79}$	$\text{Ge}_{32}^{68}$	$\frac{67.92745}{67.92809}$	32n	2+0	8+0	18+0	0+3	0+1	0+0	0+0	$\frac{106.9K}{ce 270.95d}$
$\frac{582.325}{581.93}$	$\text{As}_{33}^{68}$	$\frac{67.93635}{67.93677}$	33n	2+0	8+0	17+0	2+1	1+1	1+0	0+0	$\frac{8.084M}{ce 151.6s}$
$\frac{576.712}{576.46}$	$\text{Se}_{34}^{68}$	$\frac{67.94153}{67.94180}$	34n	2+0	8+0	16+0	4+0	2+0	2+0	0+0	$\frac{4.7051M}{ce 35.5s}$
$\frac{560.496}{560.11}$	$\text{Br}_{35}^{68}$	$\frac{67.95810}{67.95852}$	$\frac{35}{33n}$	2+0	8+0	15+0	3+0	4+0	3+0	0+0	$\frac{1.07449M}{p < 1.2\mu s}$