

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 210**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1637.26}{1637.5}$	Hg <sup>210</sup> <sub>80</sub>	$\frac{209.99477}{209.99451}$	80n	2+0	8+0	18+0	0+16	1+23	0+10	1+1	$\frac{3.880M}{\beta^- 10m}$
$\frac{1640.84}{1640.9}$	Tl <sup>210</sup> <sub>81</sub>	$\frac{209.99008}{209.990074}$	81n	2+0	8+0	18+0	4+14	1+24	0+9	0+1	$\frac{5.482M}{\beta^- 1.30m}$
$\frac{1643.55}{1645.6}$	Pb <sup>210</sup> <sub>82</sub>	$\frac{209.98634}{209.984188}$	82n	2+0	8+0	18+0	8+12	0+25	0+9	0+0	$\frac{63.5K}{\beta^- 22.20a}$
$\frac{1642.12}{1644.6}$	Bi <sup>210</sup> <sub>83</sub>	$\frac{209.98703}{209.984412}$	83n	2+0	8+0	18+0	10+11	0+25	1+8	0+0	$\frac{1.1612M}{\beta^- 5.012d}$
$\frac{1640.56}{1645.2}$	Po <sup>210</sup> <sub>84</sub>	$\frac{209.98787}{209.982874}$	84n	2+0	8+0	18+0	14+9	0+25	0+8	0+0	$\frac{5.40745M}{\alpha 138.376d}$
$\frac{1638.88}{1640.4}$	At <sup>210</sup> <sub>85</sub>	$\frac{209.98883}{209.987148}$	85n	2+0	8+0	18+0	16+8	0+25	1+7	0+0	$\frac{3.981M}{ce 8.10h}$
$\frac{1637.08}{1637.3}$	Rn <sup>210</sup> <sub>86</sub>	$\frac{209.98992}{209.989696}$	86n	2+0	8+0	18+0	20+6	0+25	0+7	0+0	$\frac{6.1589M}{\alpha 2.40h}$
$\frac{1630.37}{1630.3}$	Fr <sup>210</sup> <sub>87</sub>	$\frac{209.99629}{209.996408}$	87n	2+0	8+0	18+0	22+5	0+24	0+7	1+0	$\frac{6.672M}{\alpha 3.18m}$
$\frac{1625.35}{1625.7}$	Ra <sup>210</sup> <sub>88</sub>	$\frac{210.000838}{210.000495}$	88n	2+0	8+0	18+0	24+4	1+23	1+6	0+1	$\frac{7.151M}{\alpha 3.70s}$
$\frac{1616.84}{1616.6}$	Ac <sup>210</sup> <sub>89</sub>	$\frac{210.00913}{210.00944}$	89n	2+0	8+0	18+0	26+3	1+21	1+8	1+0	$\frac{7.610M}{\alpha 350ms}$
$\frac{1610.76}{1610.5}$	Th <sup>210</sup> <sub>90</sub>	$\frac{210.01482}{210.015075}$	90n	2+0	8+0	18+0	30+1	1+20	0+9	1+0	$\frac{8.069M}{\alpha 16.0ms}$