

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 229**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{1741.29}{-}$	Rn <sup>229</sup> <sub>86</sub>	$\frac{229.04268}{-}$	86n	2+0	8+0	18+0	0+16	0+21	1+19	0+1	$\frac{3.550M}{\beta^- 12.0s}$
$\frac{1744.40}{1744.5}$	Fr <sup>229</sup> <sub>87</sub>	$\frac{229.03850}{229.03845}$	87n	2+0	8+0	18+0	2+15	0+22	1+18	1+0	$\frac{3.260M}{\beta^- 50.2s}$
$\frac{1747.42}{1746.9}$	Ra <sup>229</sup> <sub>88</sub>	$\frac{229.03442}{229.034958}$	88n	2+0	8+0	18+0	6+13	0+23	1+17	0+0	$\frac{1.810M}{\beta^- 4.0m}$
$\frac{1747.38}{1747.9}$	Ac <sup>229</sup> <sub>89</sub>	$\frac{229.03363}{229.03302}$	89n	2+0	8+0	18+0	8+12	1+23	1+16	0+0	$\frac{1.160M}{\beta^- 62.7m}$
$\frac{1749.09}{1748.3}$	Th <sup>229</sup> <sub>90</sub>	$\frac{229.03095}{229.031762}$	90n	2+0	8+0	18+0	12+10	1+24	0+15	0+0	$\frac{5.1676M}{\alpha 7932a}$
$\frac{1746.96}{1747.2}$	Pa <sup>229</sup> <sub>91</sub>	$\frac{229.032398}{229.032097}$	91n	2+0	8+0	18+0	14+9	1+24	1+14	0+0	$\frac{311.0K}{ce 1.50d}$
$\frac{1745.44}{1745.1}$	U <sup>229</sup> <sub>92</sub>	$\frac{229.03319}{229.033506}$	92n	2+0	8+0	18+0	18+7	0+25	0+13	1+0	$\frac{1.312M}{ce 58.0m}$
$\frac{1741.93}{1741.8}$	Np <sup>229</sup> <sub>93</sub>	$\frac{229.03612}{229.03626}$	93n	2+0	8+0	18+0	22+5	0+25	0+12	0+1	$\frac{7.010M}{ce 4.0m}$
$\frac{1737.52}{1737.4}$	Pu <sup>229</sup> <sub>94</sub>	$\frac{229.04001}{229.04015}$	94n	2+0	8+0	18+0	24+4	1+24	0+12	0+1	$\frac{7.590M}{\alpha 67.0s}$
$\frac{1732.22}{-}$	Am <sup>229</sup> <sub>95</sub>	$\frac{229.04486}{-}$	95n	2+0	8+0	18+0	26+3	1+23	0+13	1+0	—
$\frac{1727.54}{-}$	Cm <sup>229</sup> <sub>96</sub>	$\frac{229.04905}{-}$	96n	2+0	8+0	18+0	30+1	0+23	0+13	1+0	—