

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 113**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta np - T_{1/2}}$
$\frac{921.753}{922.18}$	Nb <sup>113</sup> <sub>41</sub>	$\frac{112.95516}{112.95470}$	41n	2+0	6+1	0+9	0+12	1+5	1+3	0+1	$\frac{12.30M}{\beta^- >300ns}$
$\frac{933.482}{933.34}$	Mo <sup>113</sup> <sub>42</sub>	$\frac{112.94173}{112.94188}$	42n	2+0	8+0	2+8	0+13	1+5	0+2	0+1	$\frac{9.90M}{\beta^- 78.0ms}$
$\frac{941.968}{942.14}$	Tc <sup>113</sup> <sub>43</sub>	$\frac{112.93178}{112.93159}$	43n	2+0	8+0	4+7	0+14	0+4	1+2	1+0	$\frac{9.00M}{\beta^- 160ms}$
$\frac{950.033}{949.84}$	Ru <sup>113</sup> <sub>44</sub>	$\frac{112.92228}{112.92249}$	44n	2+0	8+0	8+5	0+15	0+3	1+1	0+1	$\frac{6.890M}{\beta^- 800ms}$
$\frac{955.134}{955.54}$	Rh <sup>113</sup> <sub>45</sub>	$\frac{112.91596}{112.91553}$	45n	2+0	8+0	10+4	0+15	1+3	1+0	0+1	$\frac{4.824M}{\beta^- 2.80s}$
$\frac{960.294}{959.77}$	Pd <sup>113</sup> <sub>46</sub>	$\frac{112.90958}{112.91015}$	46n	2+0	8+0	14+2	0+15	1+3	0+1	0+0	$\frac{3.439M}{\beta^- 93.0s}$
$\frac{962.201}{962.32}$	Ag <sup>113</sup> <sub>47</sub>	$\frac{112.90670}{112.90657}$	47n	2+0	8+0	18+0	0+15	0+3	0+1	0+0	$\frac{2.016M}{\beta^- 5.37h}$
$\frac{963.818}{963.56}$	Cd <sup>113</sup> <sub>48</sub>	$\frac{112.90412}{112.90440}$	48n	2+0	8+0	18+0	2+14	1+2	0+1	0+0	$\frac{321.9K}{\beta^- 8.0 \cdot 10^{-15} a}$ 12.22%
$\frac{962.553}{963.09}$	In <sup>113</sup> <sub>49</sub>	$\frac{112.90464}{112.90406}$	49n	2+0	8+0	18+0	5+12	1+2	0+1	0+0	$\frac{st}{4.29\%}$
$\frac{960.965}{961.28}$	Sn <sup>113</sup> <sub>50</sub>	$\frac{112.90550}{112.90517}$	50n	2+0	8+0	18+0	8+10	1+2	0+1	0+0	$\frac{1.038M}{ce115.09d}$
$\frac{956.409}{956.58}$	Sb <sup>113</sup> <sub>51</sub>	$\frac{112.90955}{112.909372}$	51n	2+0	8+0	18+0	12+7	0+3	0+1	0+0	$\frac{3.913M}{ce6.67m}$
$\frac{950.027}{949.73}$	Te <sup>113</sup> <sub>52</sub>	$\frac{112.91557}{112.91589}$	52n	2+0	8+0	18+0	14+5	0+3	1+1	0+0	$\frac{6.070M}{ce1.70m}$
$\frac{942.020}{941.72}$	I <sup>113</sup> <sub>53</sub>	$\frac{112.92332}{112.92364}$	53n	2+0	8+0	18+0	17+2	0+4	1+1	0+0	$\frac{7.230M}{ce6.60s}$
$\frac{932.355}{931.91}$	Xe <sup>113</sup> <sub>54</sub>	$\frac{112.93286}{112.93334}$	54n	2+0	8+0	18+0	17+0	4+4	0+1	0+0	$\frac{8.916M}{ce2.74s}$
$\frac{920.528}{920.74}$	Cs <sup>113</sup> <sub>55</sub>	$\frac{112.94472}{112.94449}$	55n	2+0	8+0	18+0	14+0	10+1	0+2	0+0	$\frac{1.48435M}{p16.7\mu s}$