

## TAVOLA DEI NUCLEI ATOMICI isobari

configurazione dei livelli nucleari degli isobari con **A = 117**

$\frac{E_c(\text{MeV})}{E_s(\text{MeV})}$	Sa	$\frac{m_c}{m_s}$	n	1	2	3	4	5	6	7	$\frac{E_{\beta np}(\text{eV})}{\beta^- T_{1/2}}$
$\frac{960.545}{960.56}$	Tc <sub>43</sub> <sup>117</sup>	$\frac{116.94649}{116.94648}$	43n	2+0	8+0	0+9	0+13	0+6	1+3	1+0	$\frac{11.20M}{\beta^- 85.0ms}$
$\frac{969.852}{969.93}$	Ru <sub>44</sub> <sup>117</sup>	$\frac{116.93566}{116.93558}$	44n	2+0	8+0	4+7	1+14	0+4	0+3	0+1	$\frac{9.340M}{\beta^- 142ms}$
$\frac{978.094}{978.09}$	Rh <sub>45</sub> <sup>117</sup>	$\frac{116.92597}{116.92598}$	45n	2+0	8+0	6+6	0+15	1+4	0+1	1+1	$\frac{7.527M}{\beta^- 440ms}$
$\frac{984.893}{984.89}$	Pd <sub>46</sub> <sup>117</sup>	$\frac{116.91784}{116.91784}$	46n	2+0	8+0	10+4	0+16	1+2	0+2	0+1	$\frac{5.758M}{\beta^- 4.30s}$
$\frac{989.737}{989.84}$	Ag <sub>47</sub> <sup>117</sup>	$\frac{116.91179}{116.91168}$	47n	2+0	8+0	14+2	0+16	0+3	0+1	0+1	$\frac{4.240M}{\beta^- 72.8s}$
$\frac{993.468}{993.22}$	Cd <sub>48</sub> <sup>117</sup>	$\frac{116.90695}{116.90722}$	48n	2+0	8+0	16+1	1+15	0+4	0+1	0+0	$\frac{2.521M}{\beta^- 2.49h}$
$\frac{995.037}{994.95}$	In <sub>49</sub> <sup>117</sup>	$\frac{116.90442}{116.90451}$	49n	2+0	8+0	18+0	1+15	1+3	0+1	0+0	$\frac{1.455M}{\beta^- 43.2m}$
$\frac{995.128}{995.63}$	Sn <sub>50</sub> <sup>117</sup>	$\frac{116.90349}{116.90295}$	50n	2+0	8+0	18+0	4+13	0+4	1+0	0+0	$\frac{st}{7.68\%}$
$\frac{993.485}{993.09}$	Sb <sub>51</sub> <sup>117</sup>	$\frac{116.90441}{116.904836}$	51n	2+0	8+0	18+0	7+11	0+4	1+0	0+0	$\frac{1.755M}{ce 2.80h}$
$\frac{988.616}{988.76}$	Te <sub>52</sub> <sup>117</sup>	$\frac{116.90880}{116.908645}$	52n	2+0	8+0	18+0	10+9	0+3	1+1	0+0	$\frac{3.546M}{ce 62.0m}$
$\frac{983.841}{983.31}$	I <sub>53</sub> <sup>117</sup>	$\frac{116.91309}{116.91365}$	53n	2+0	8+0	18+0	13+6	0+5	1+0	0+0	$\frac{4.660M}{ce 2.22m}$
$\frac{976.995}{976.28}$	Xe <sub>54</sub> <sup>117</sup>	$\frac{116.91959}{116.920359}$	54n	2+0	8+0	18+0	17+3	0+5	0+1	0+0	$\frac{6.250M}{ce 61.0s}$
$\frac{967.247}{967.76}$	Cs <sub>55</sub> <sup>117</sup>	$\frac{116.92922}{116.92867}$	55n	2+0	8+0	18+0	19+0	0+7	1+0	0+0	$\frac{7.690M}{ce 8.40s}$
$\frac{957.147}{957.82}$	Ba <sub>56</sub> <sup>117</sup>	$\frac{116.93922}{116.93850}$	56n	2+0	8+0	18+0	21+0	1+0	1+5	0+0	$\frac{9.00M}{ce 1.75s}$
$\frac{945.759}{946.26}$	La <sub>57</sub> <sup>117</sup>	$\frac{116.95061}{116.95007}$	57n	2+0	8+0	18+0	14+0	11+1	1+2	0+0	$\frac{1.31668M}{p 23.5ms}$