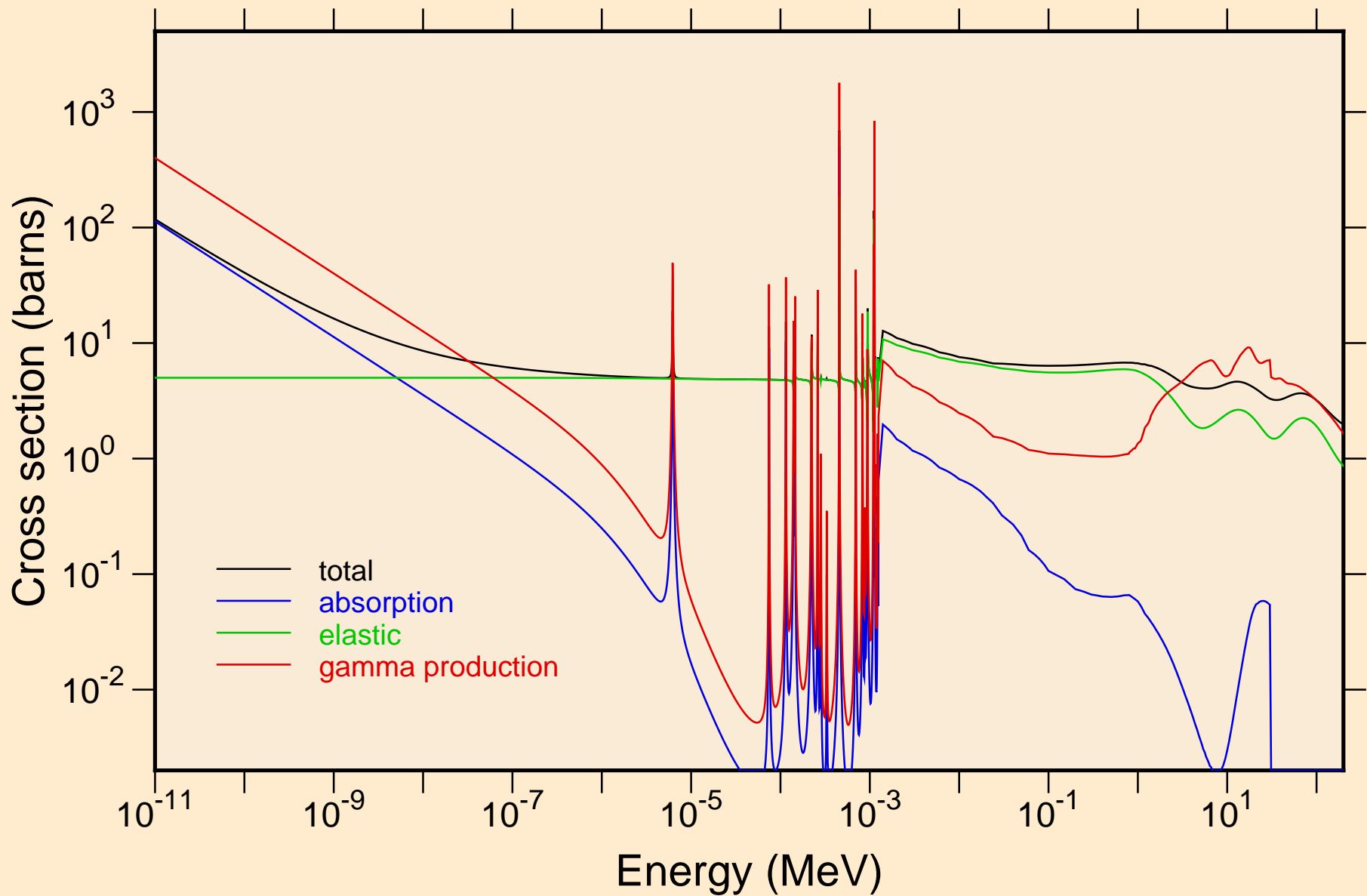
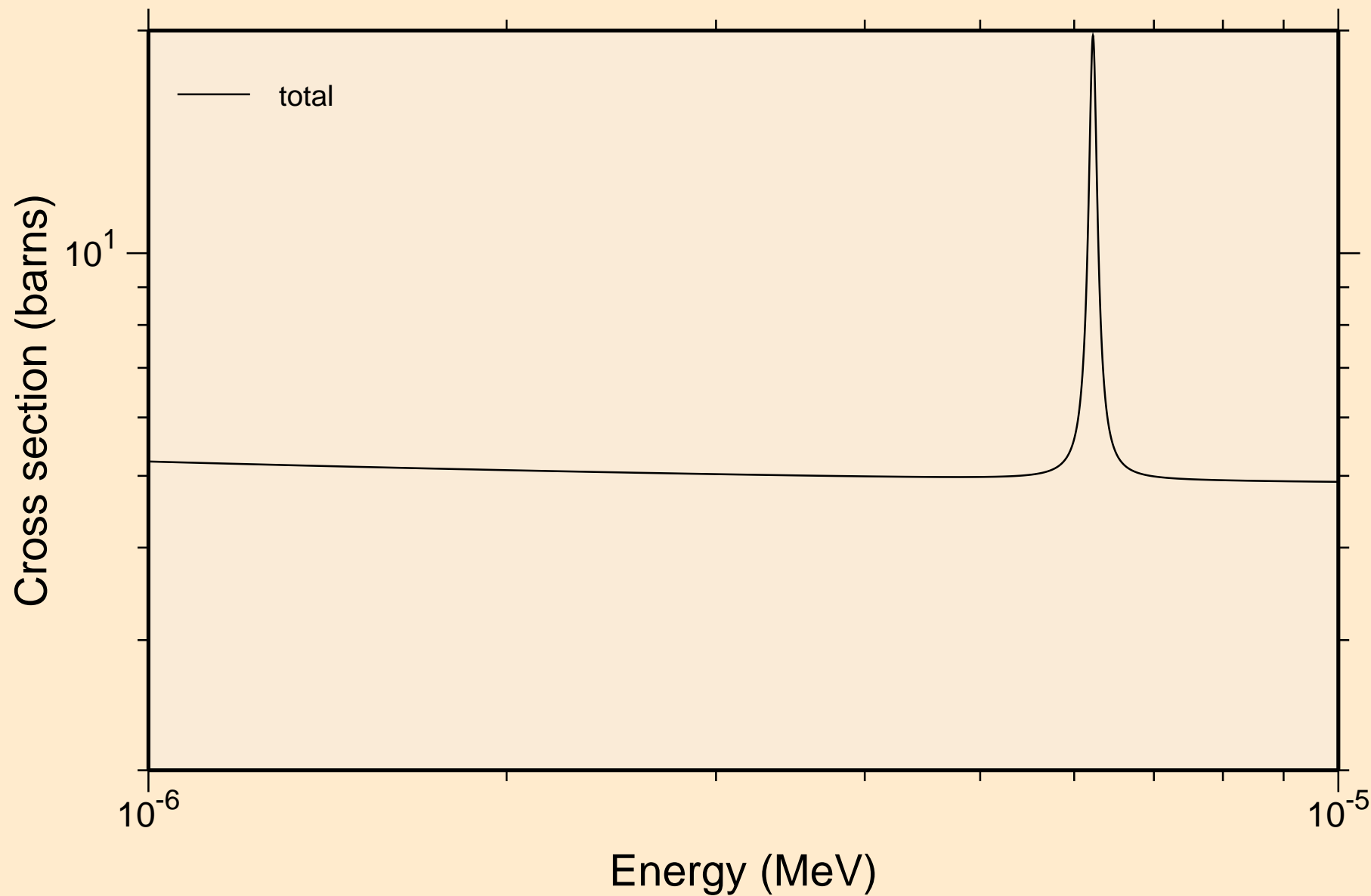


SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

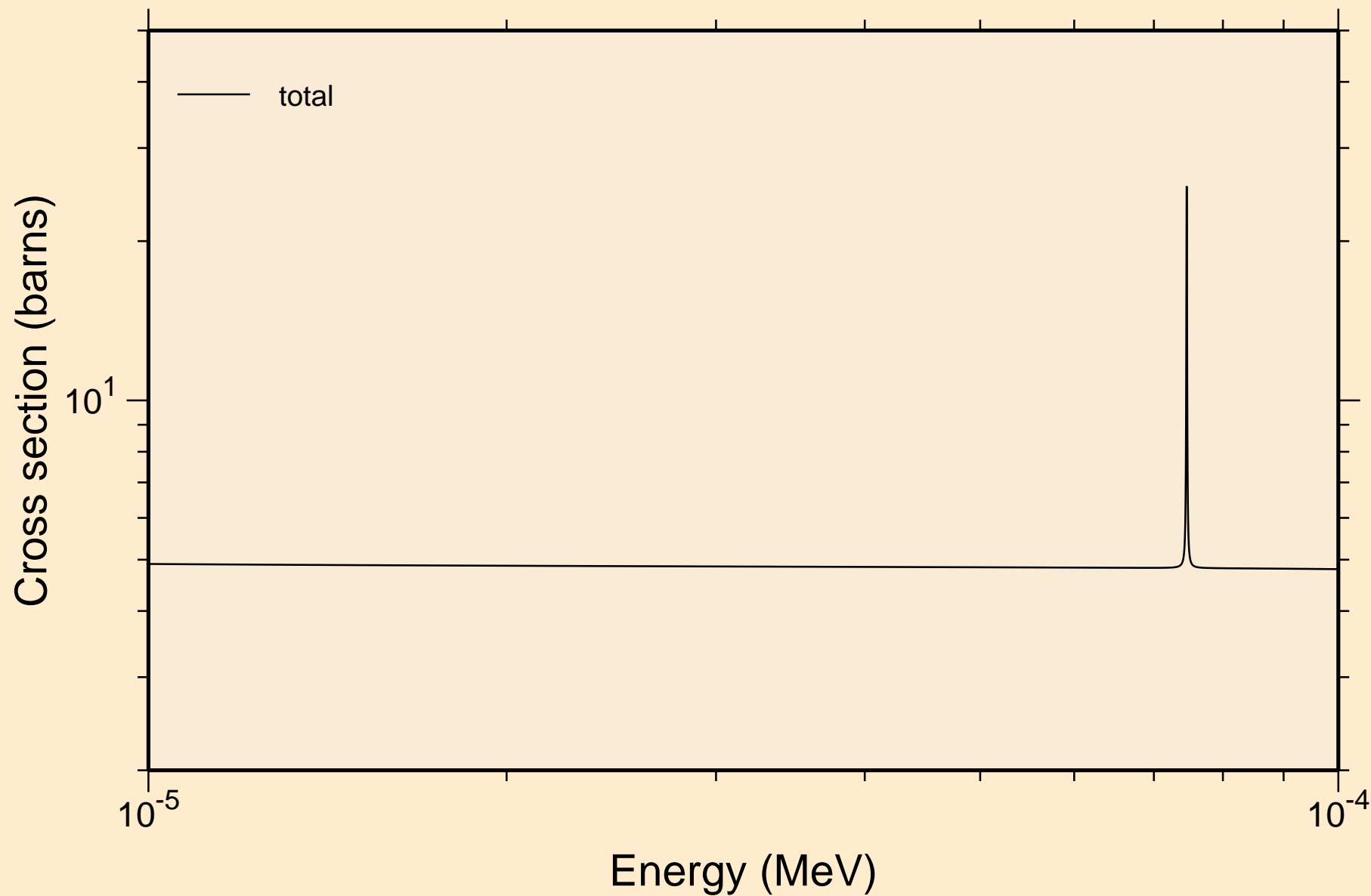
Principal cross sections



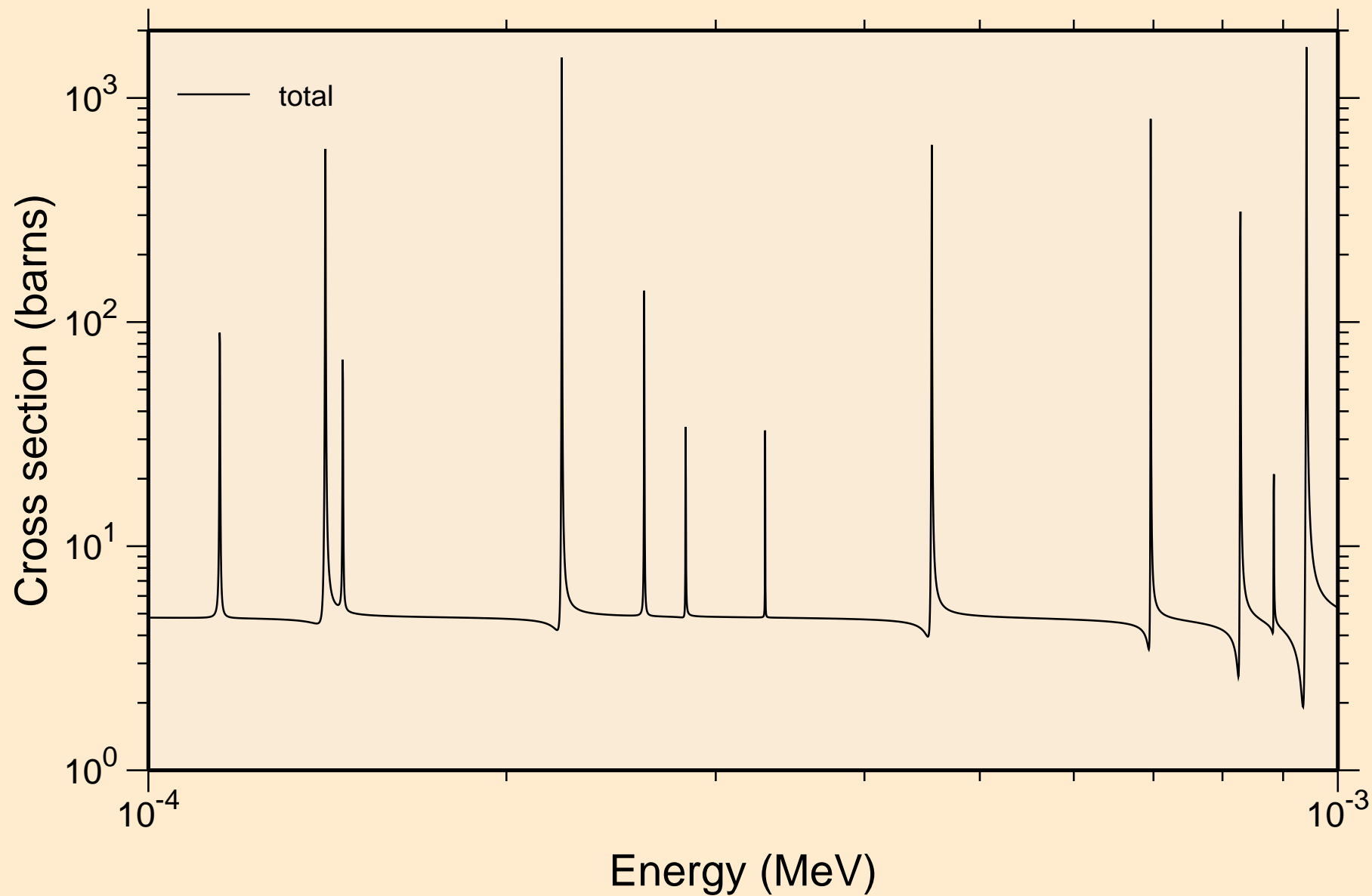
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



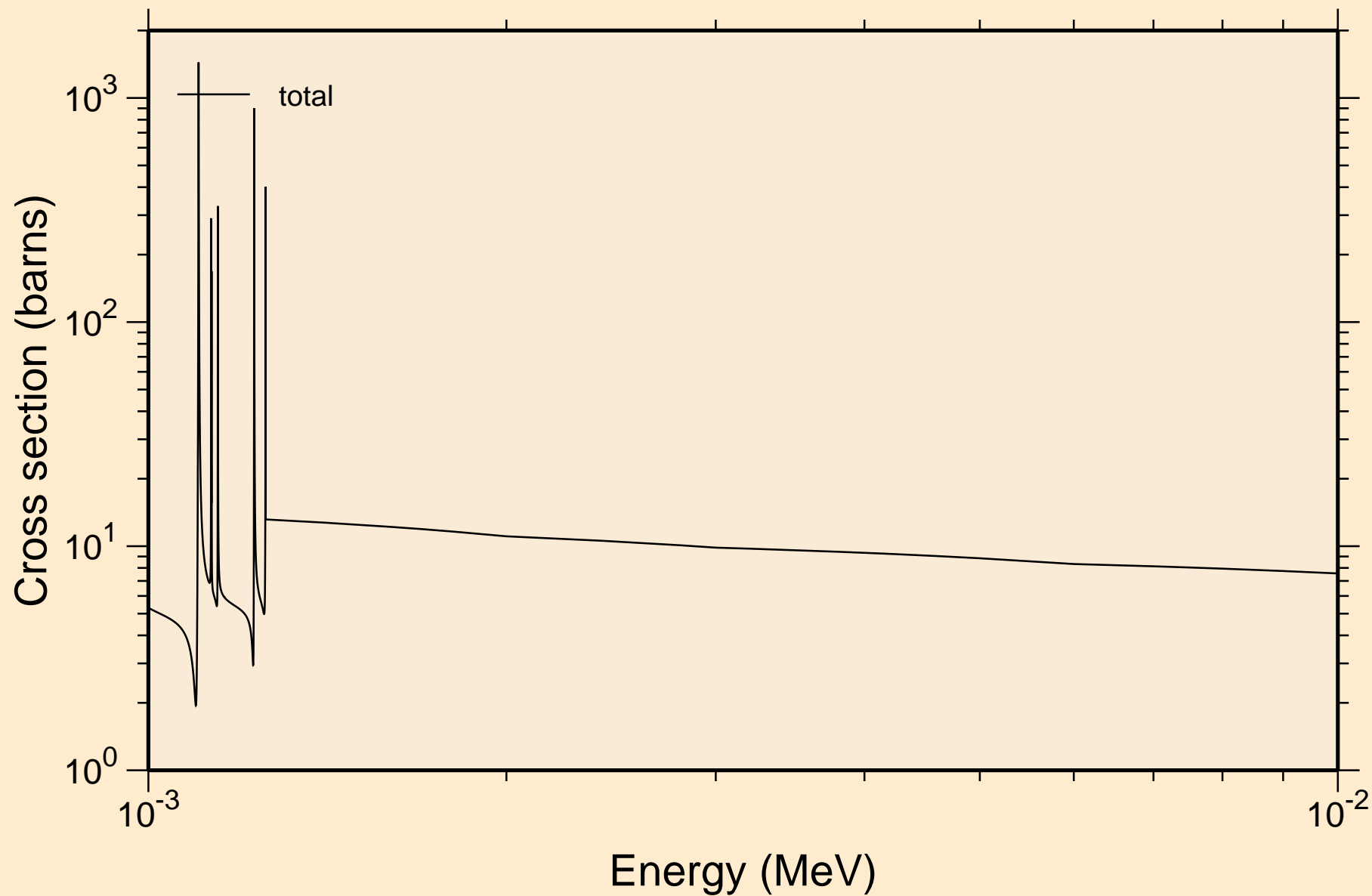
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resonance total cross section



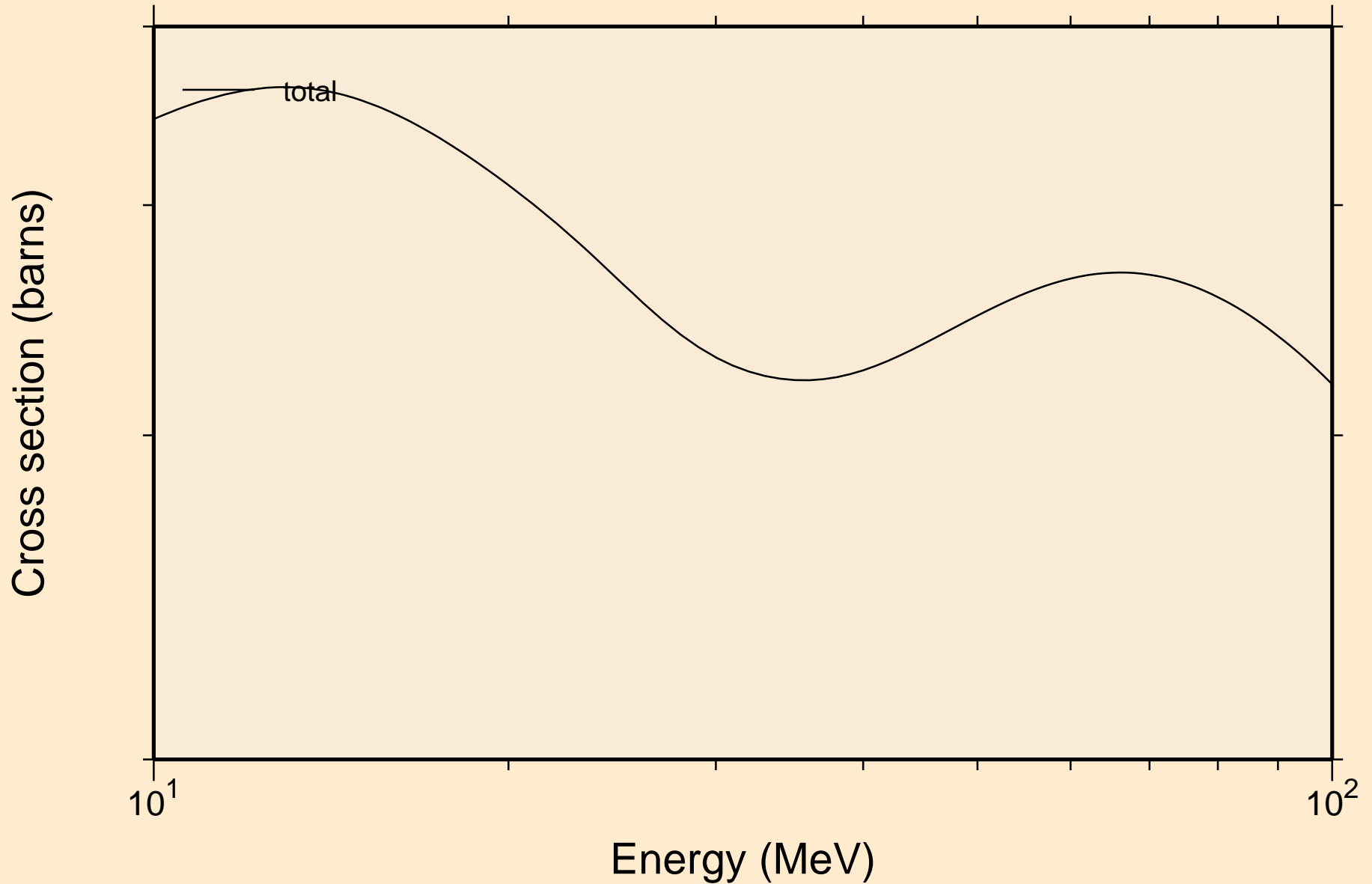
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



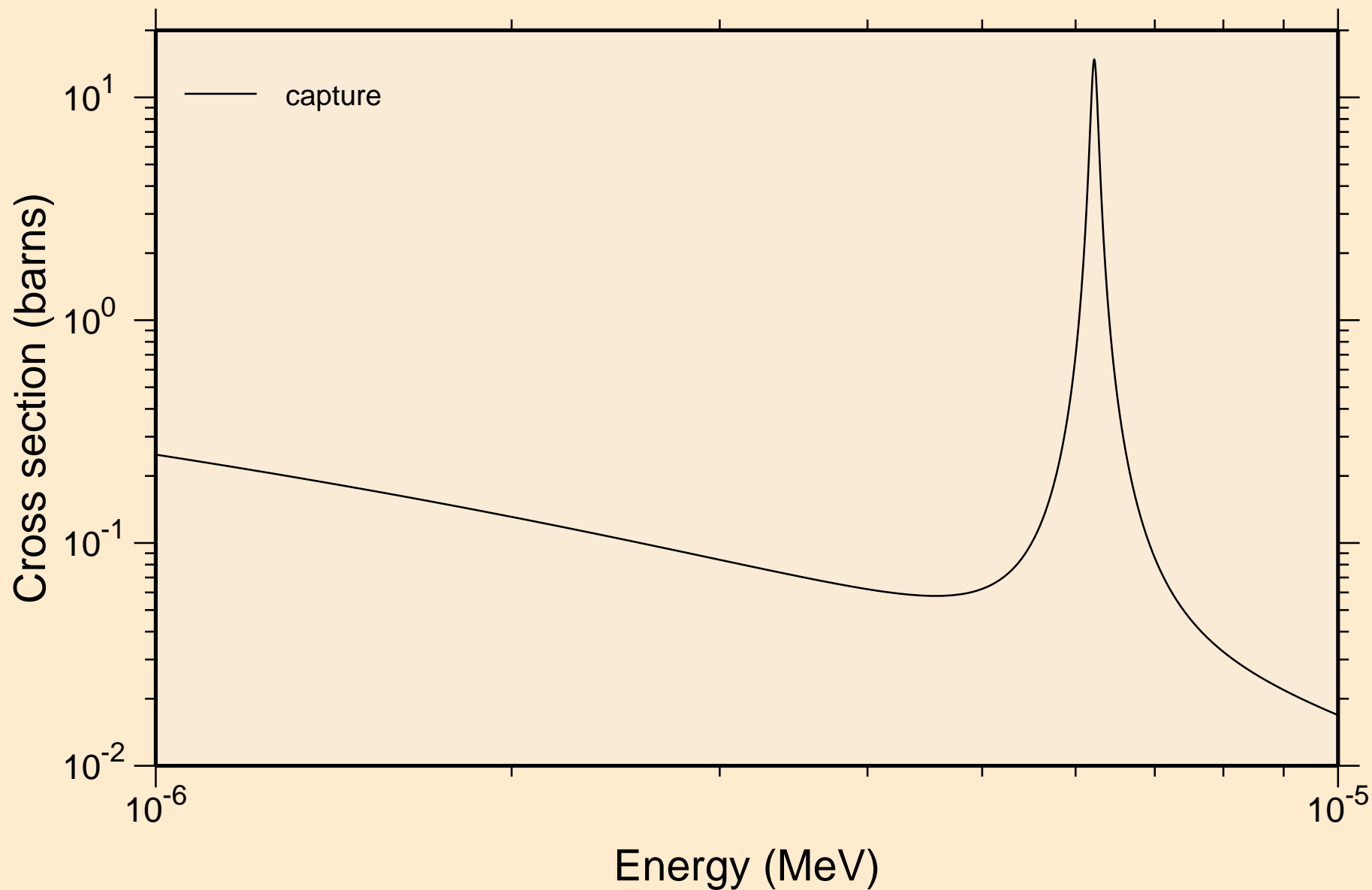
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



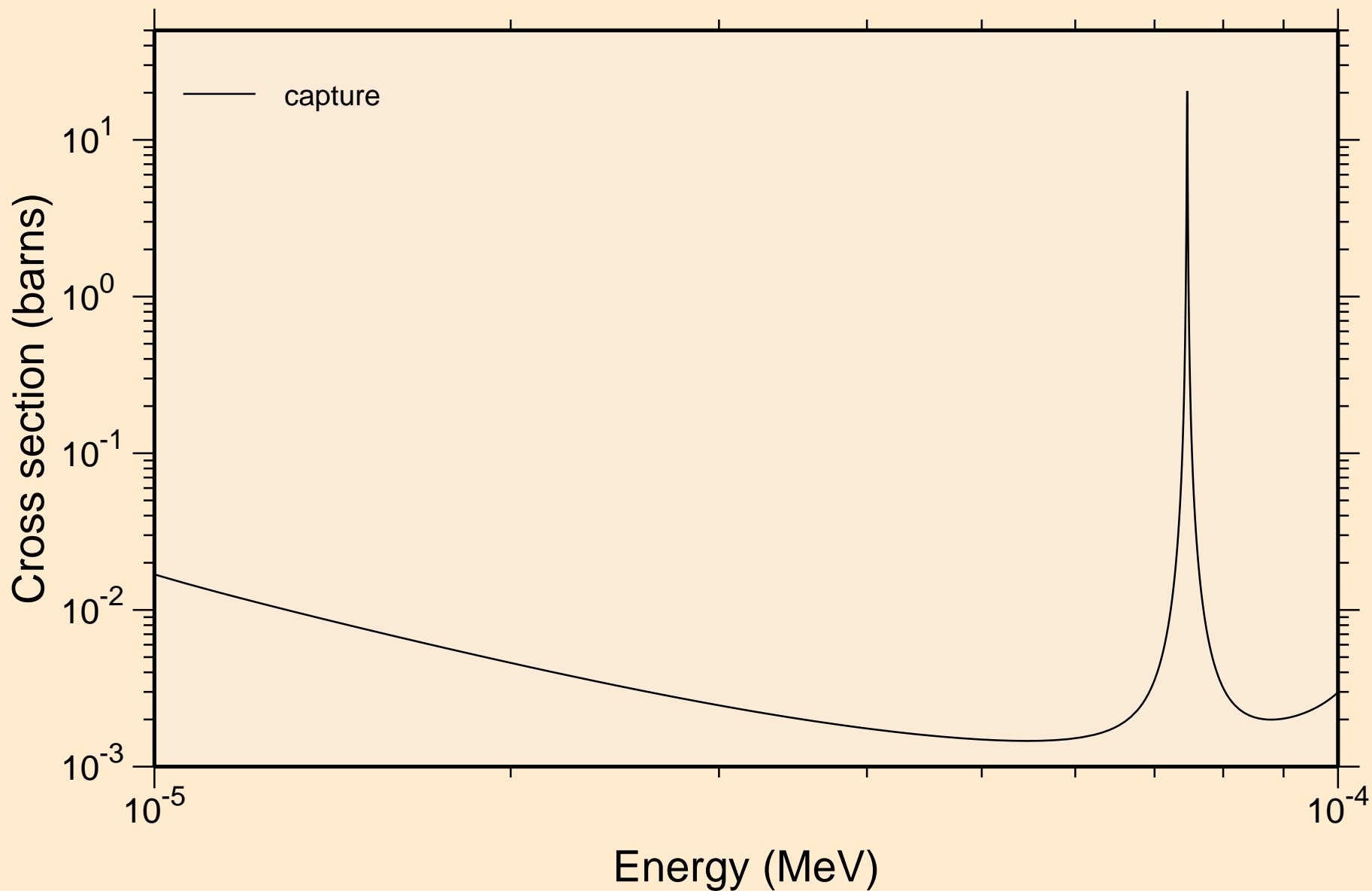
S_N119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



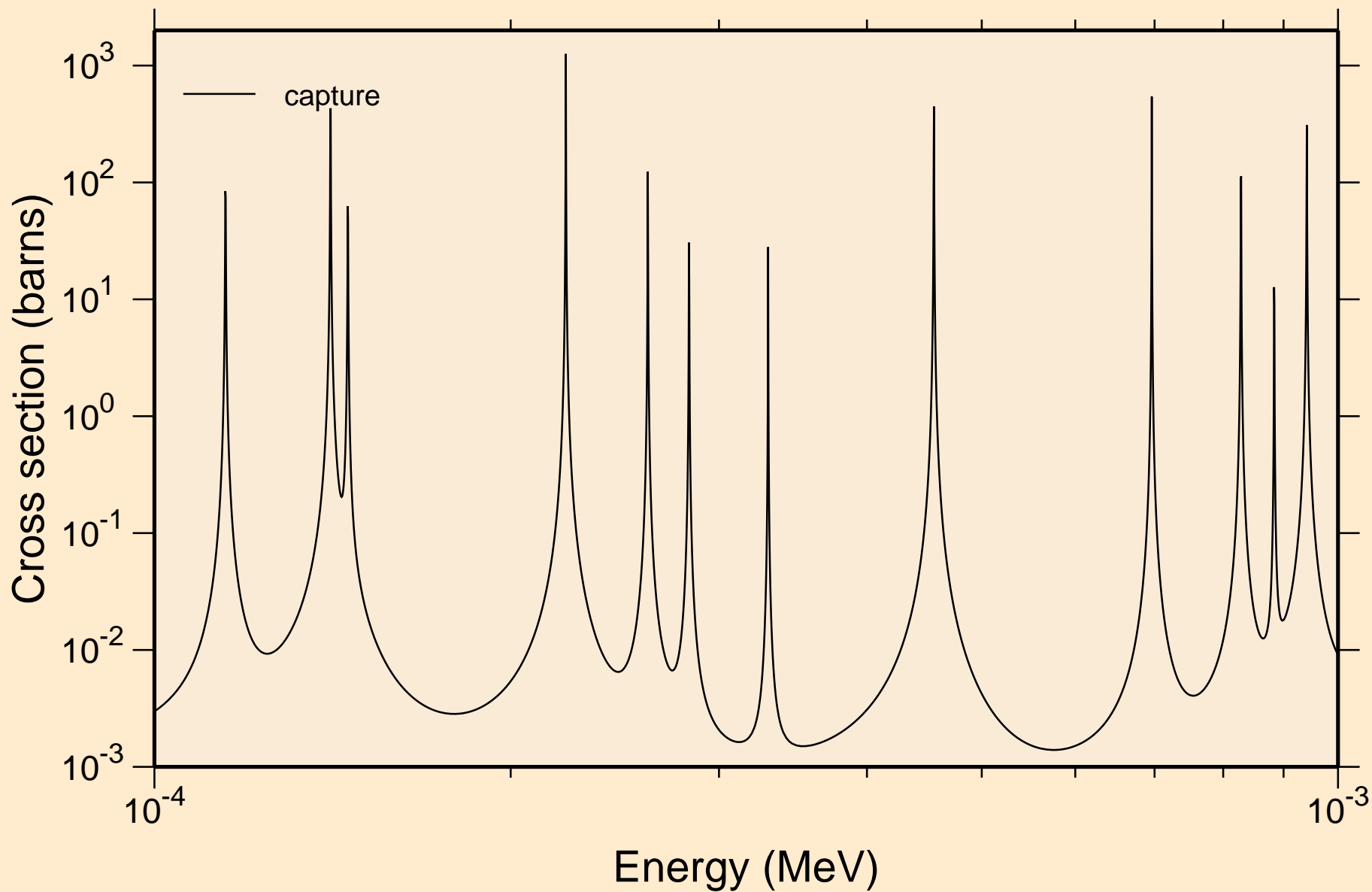
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



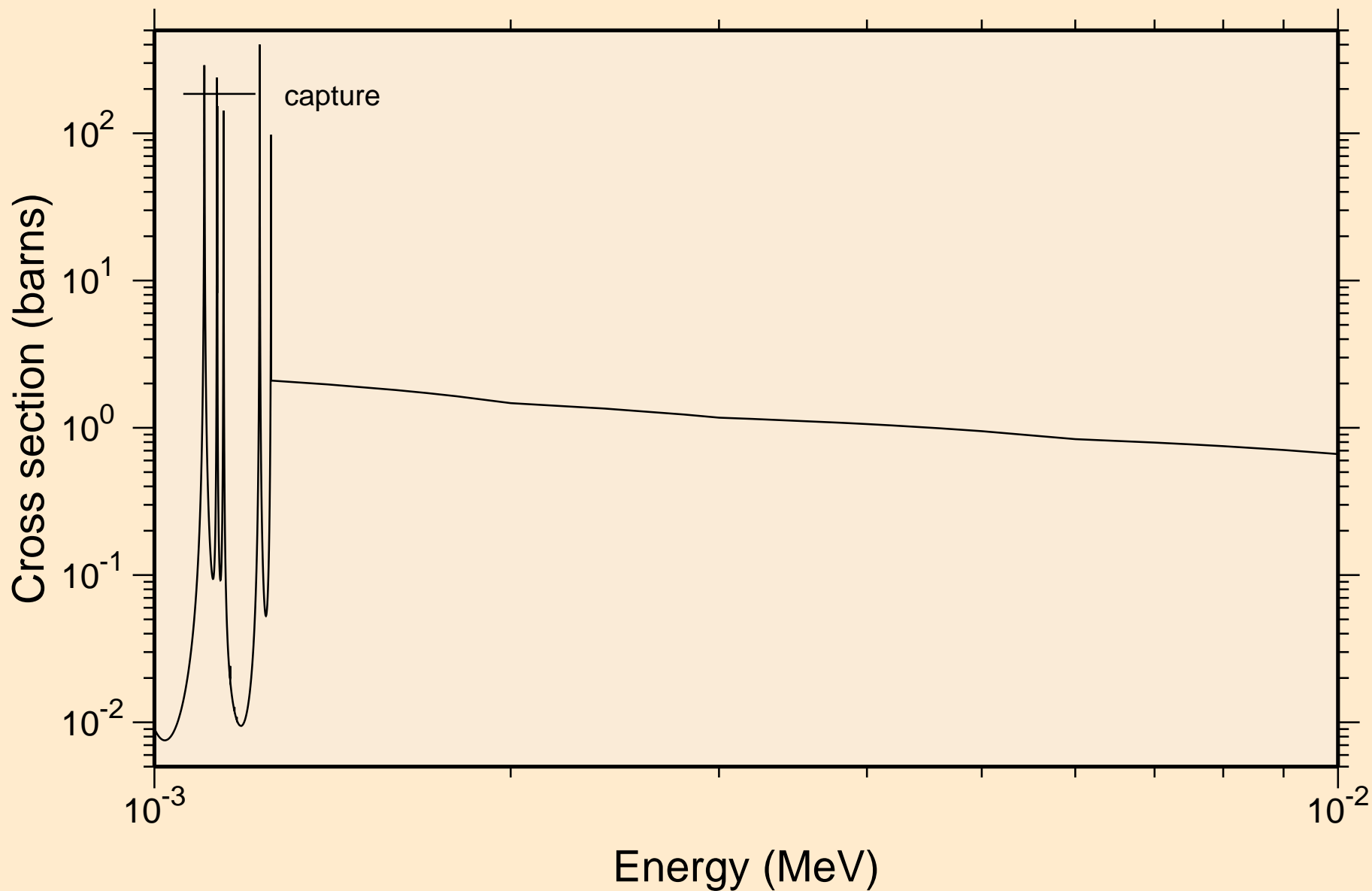
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



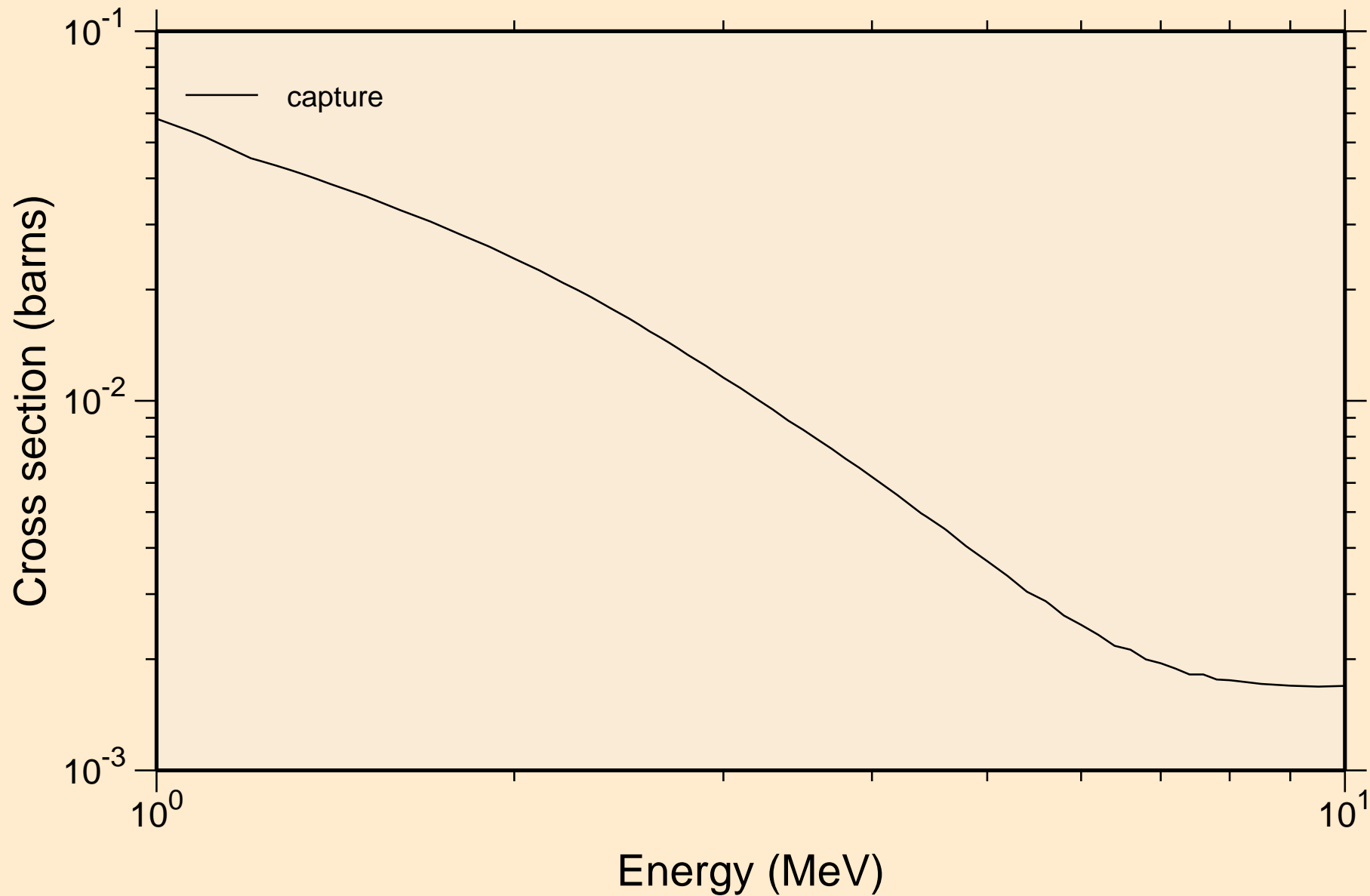
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

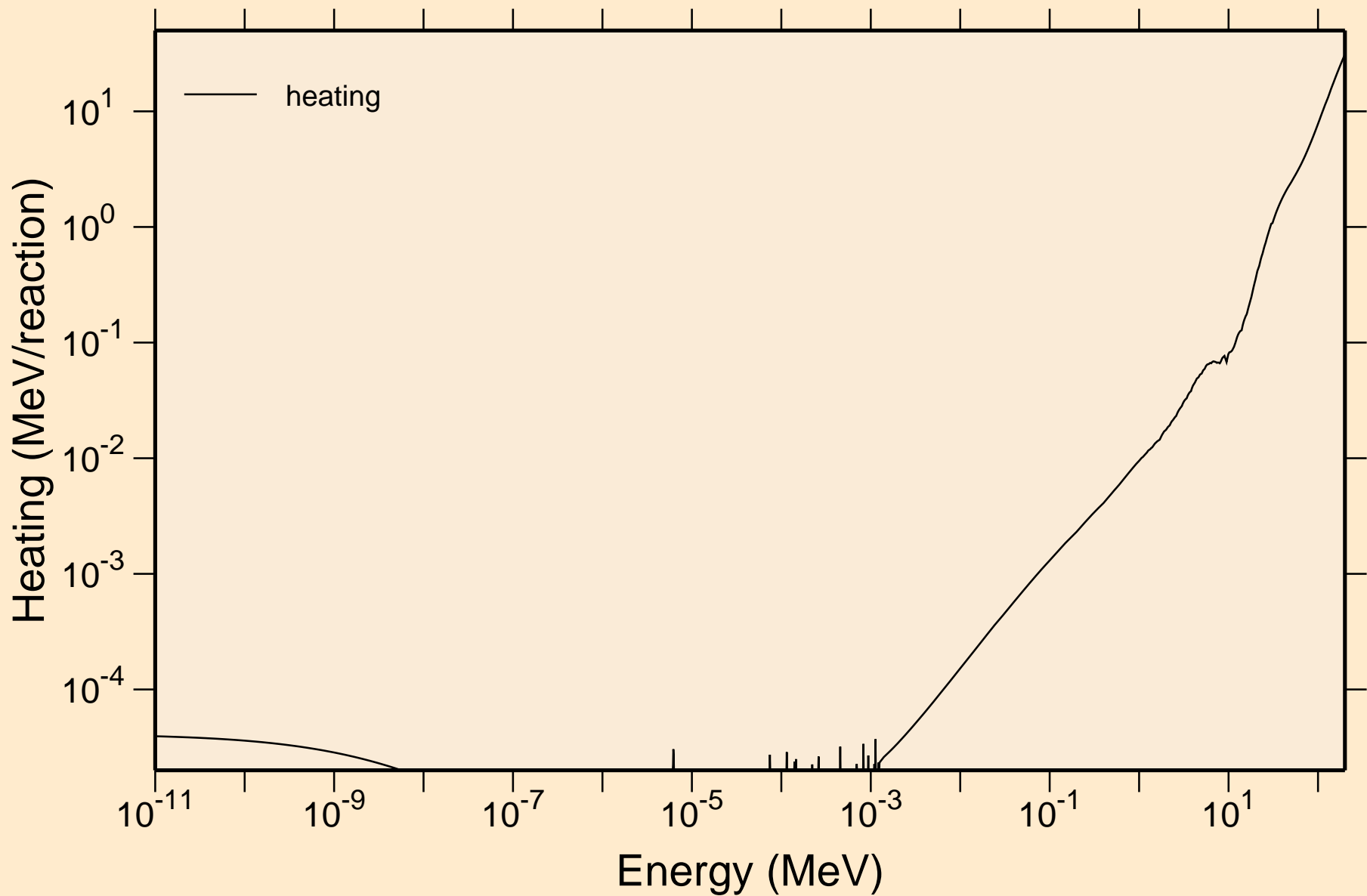


SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



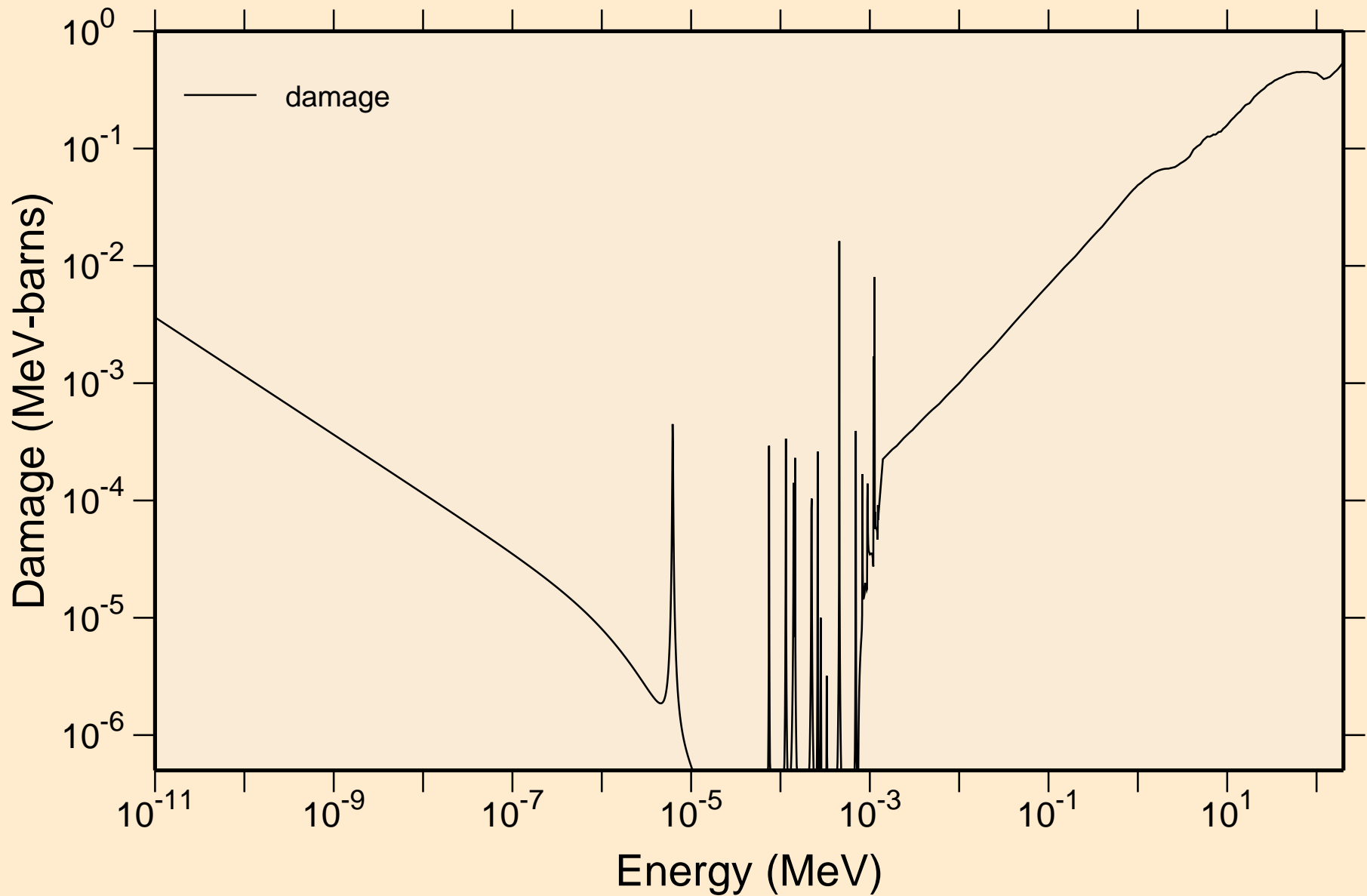
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



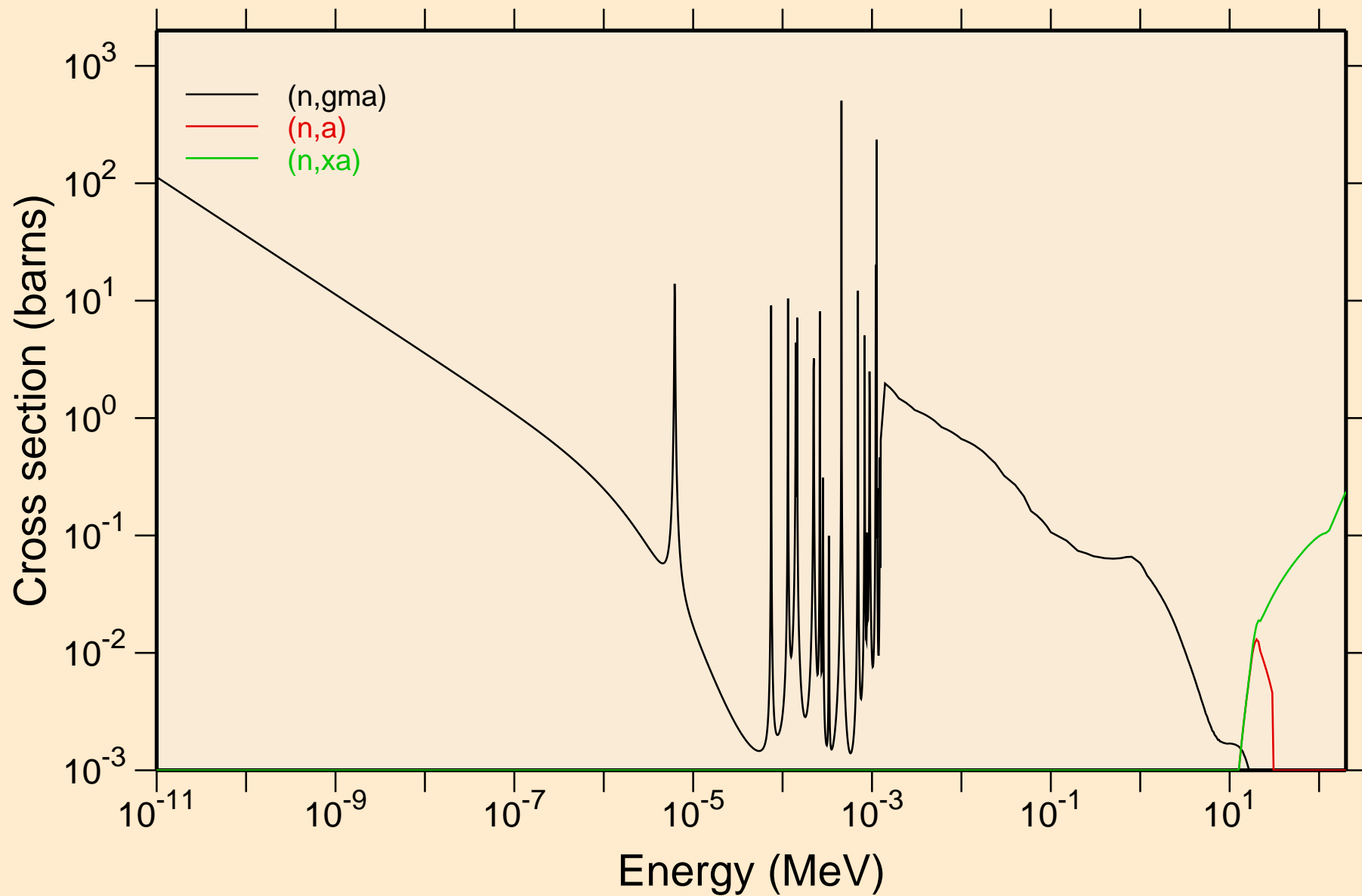
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Damage



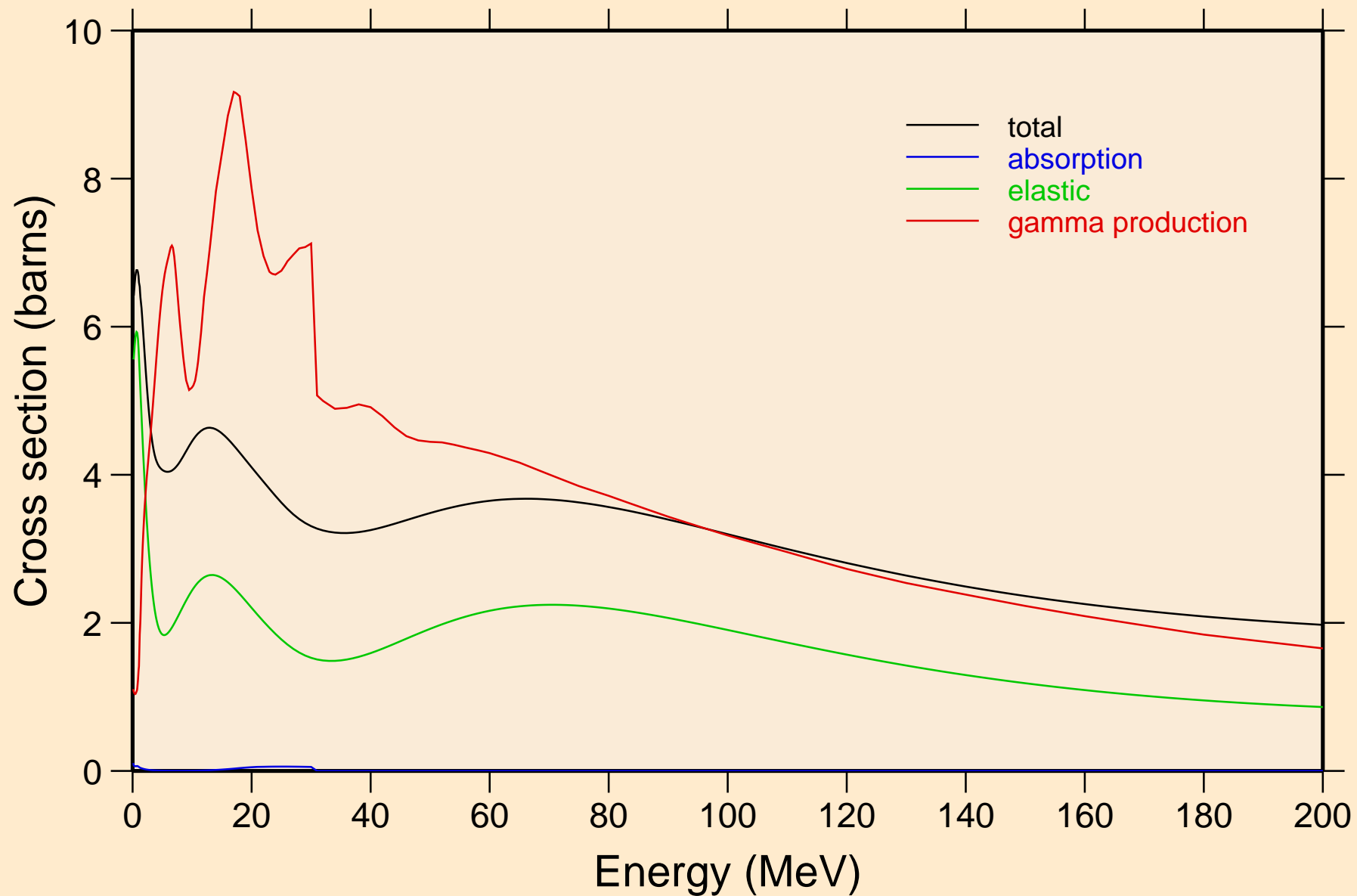
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



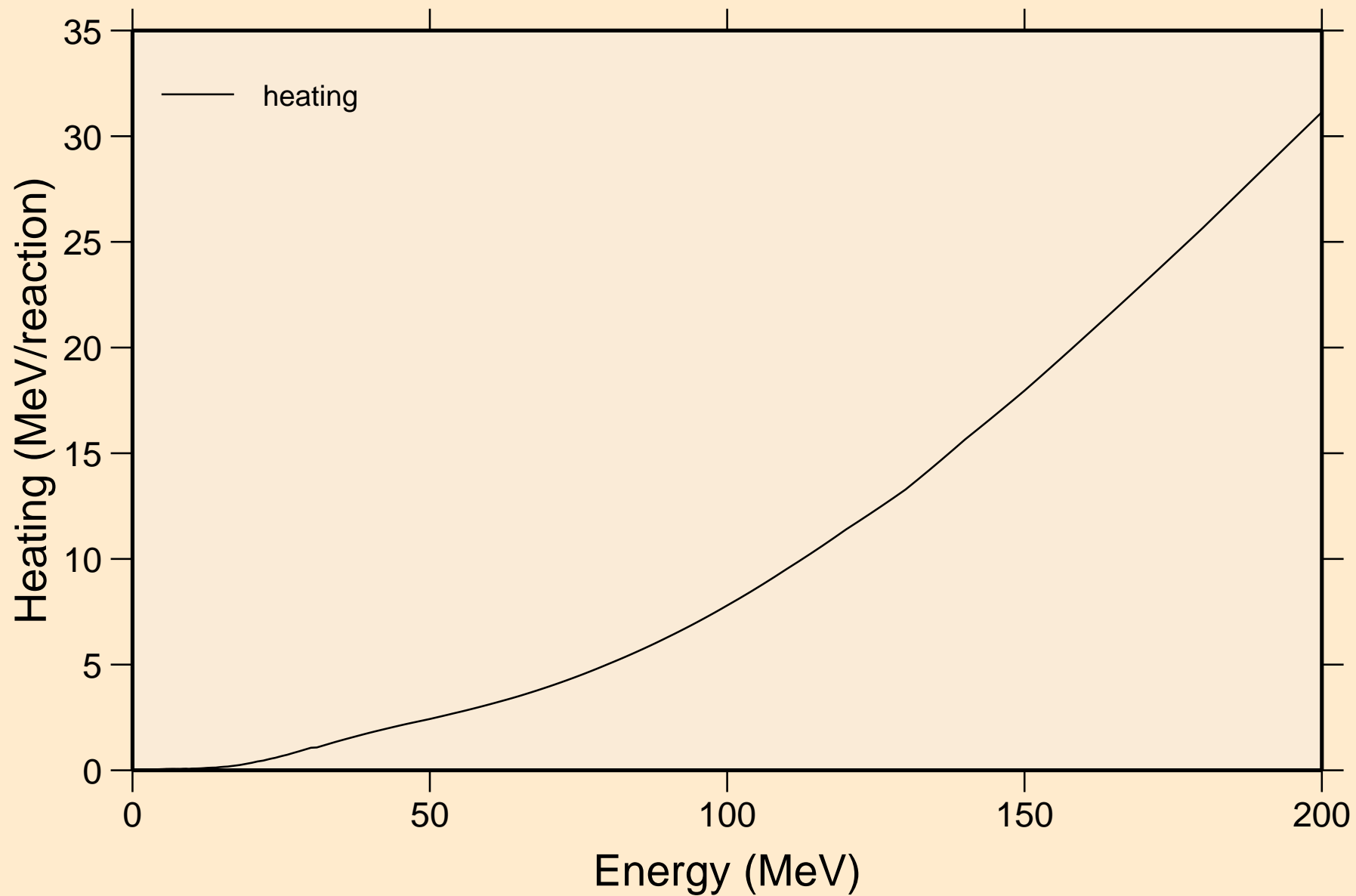
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Principal cross sections



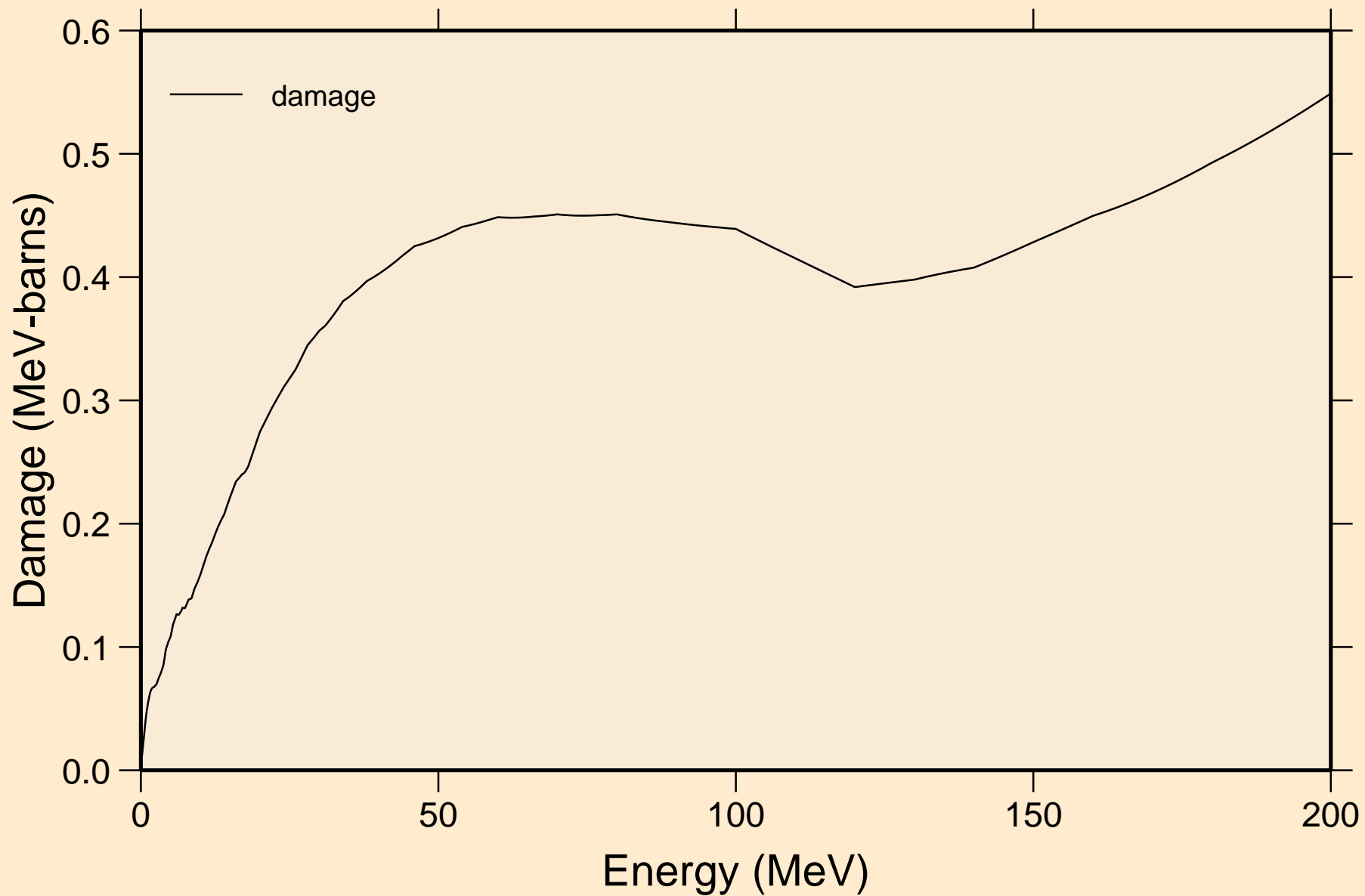
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



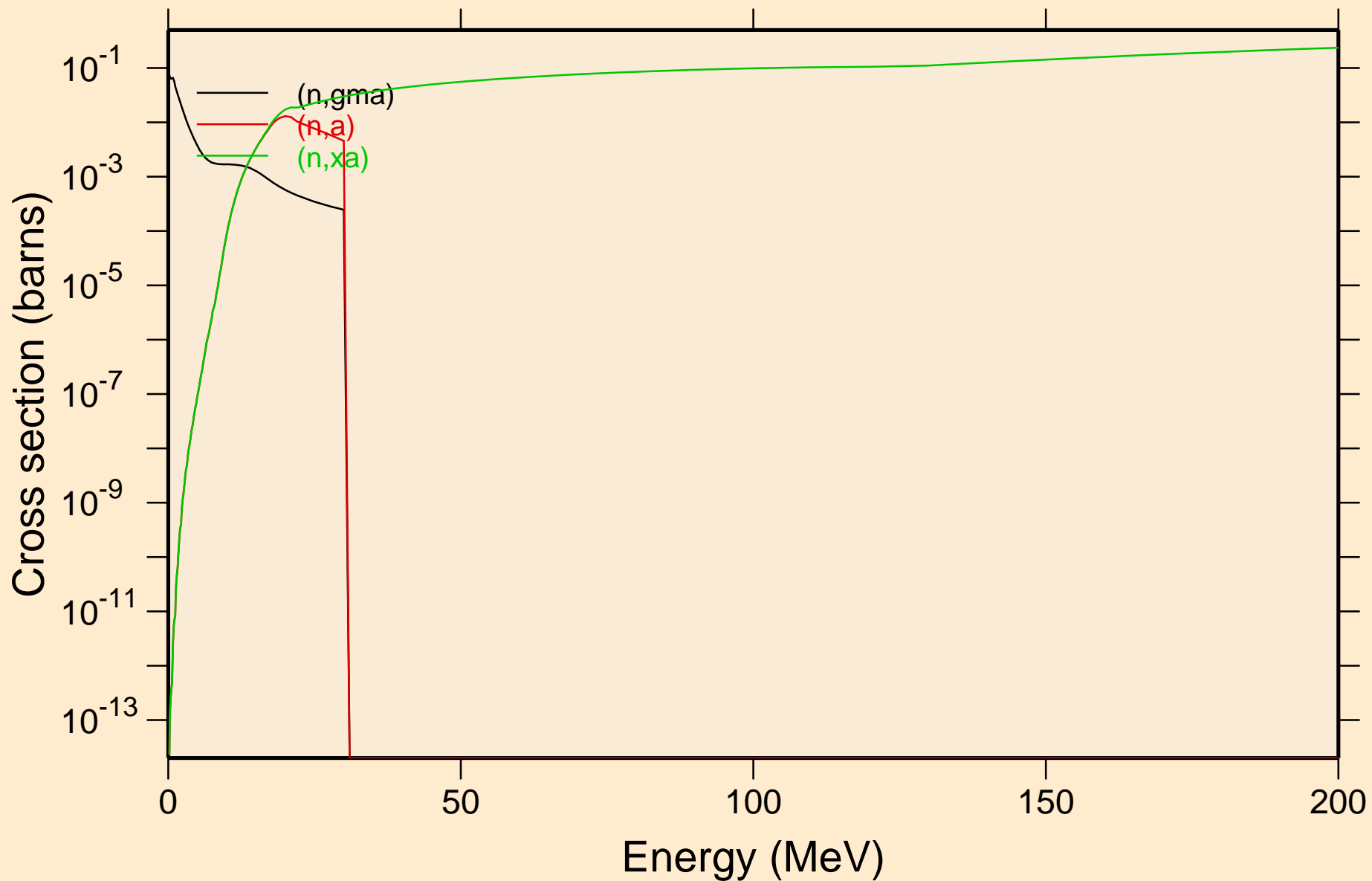
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



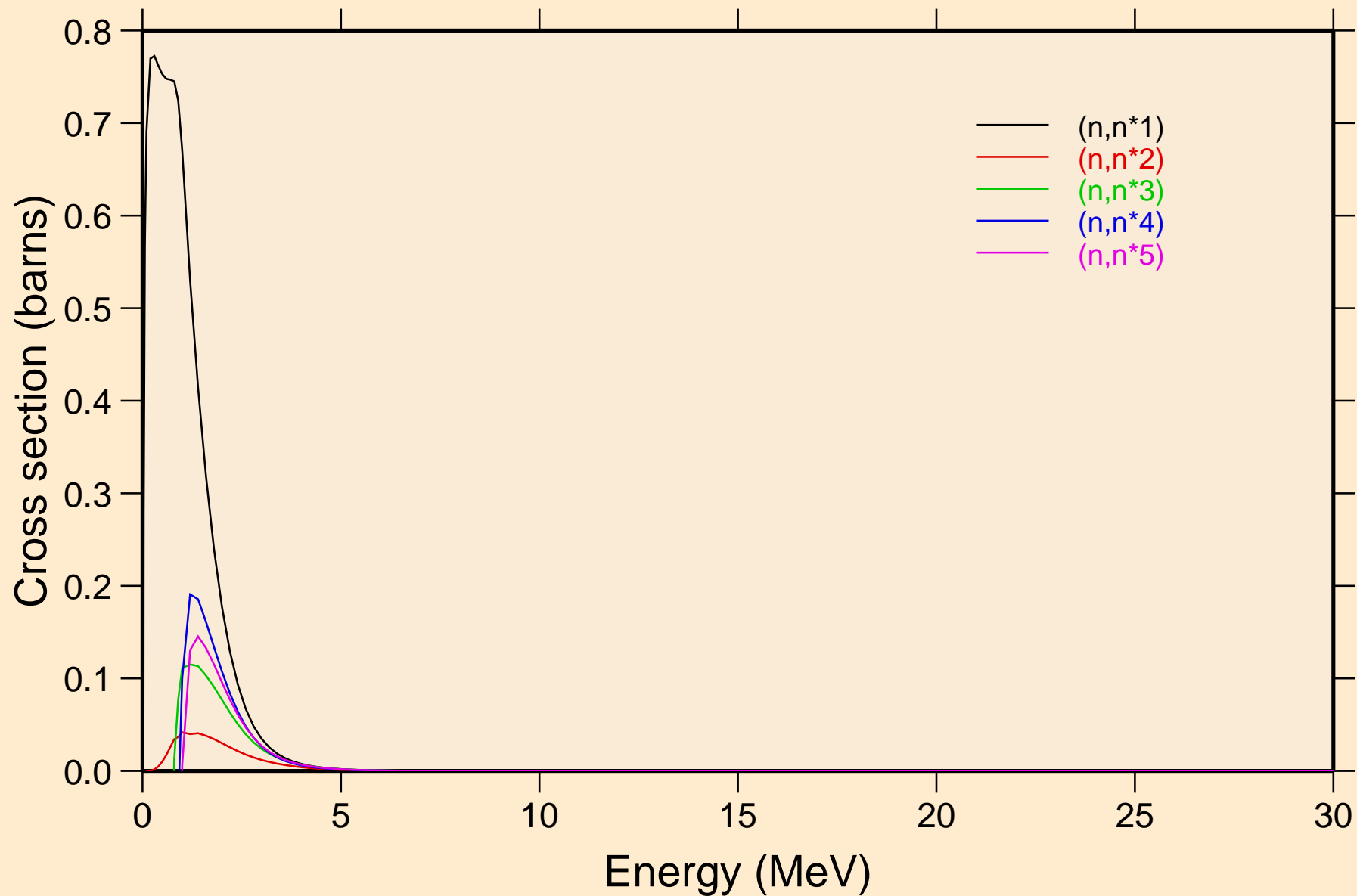
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Non-threshold reactions



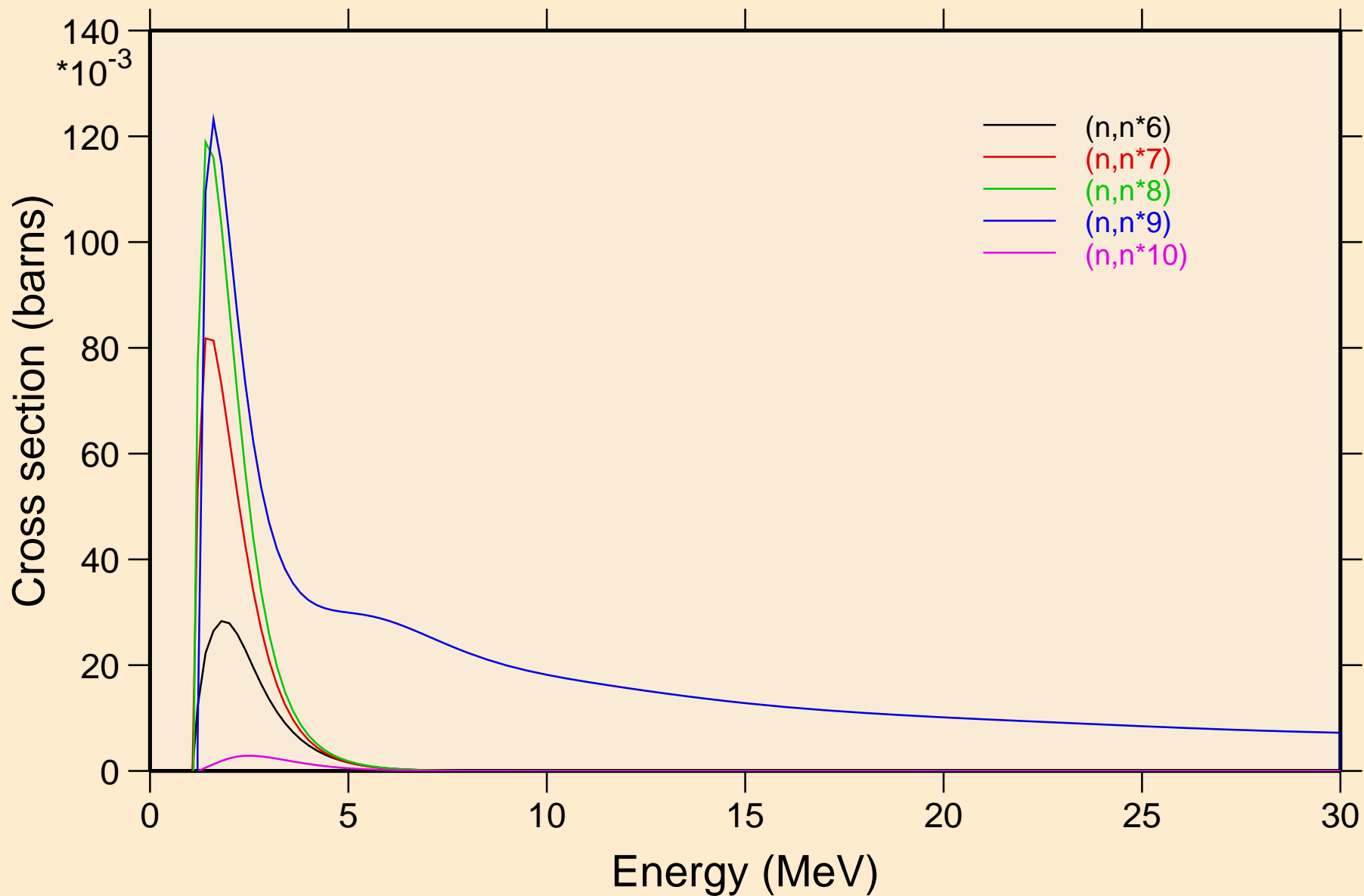
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Inelastic levels



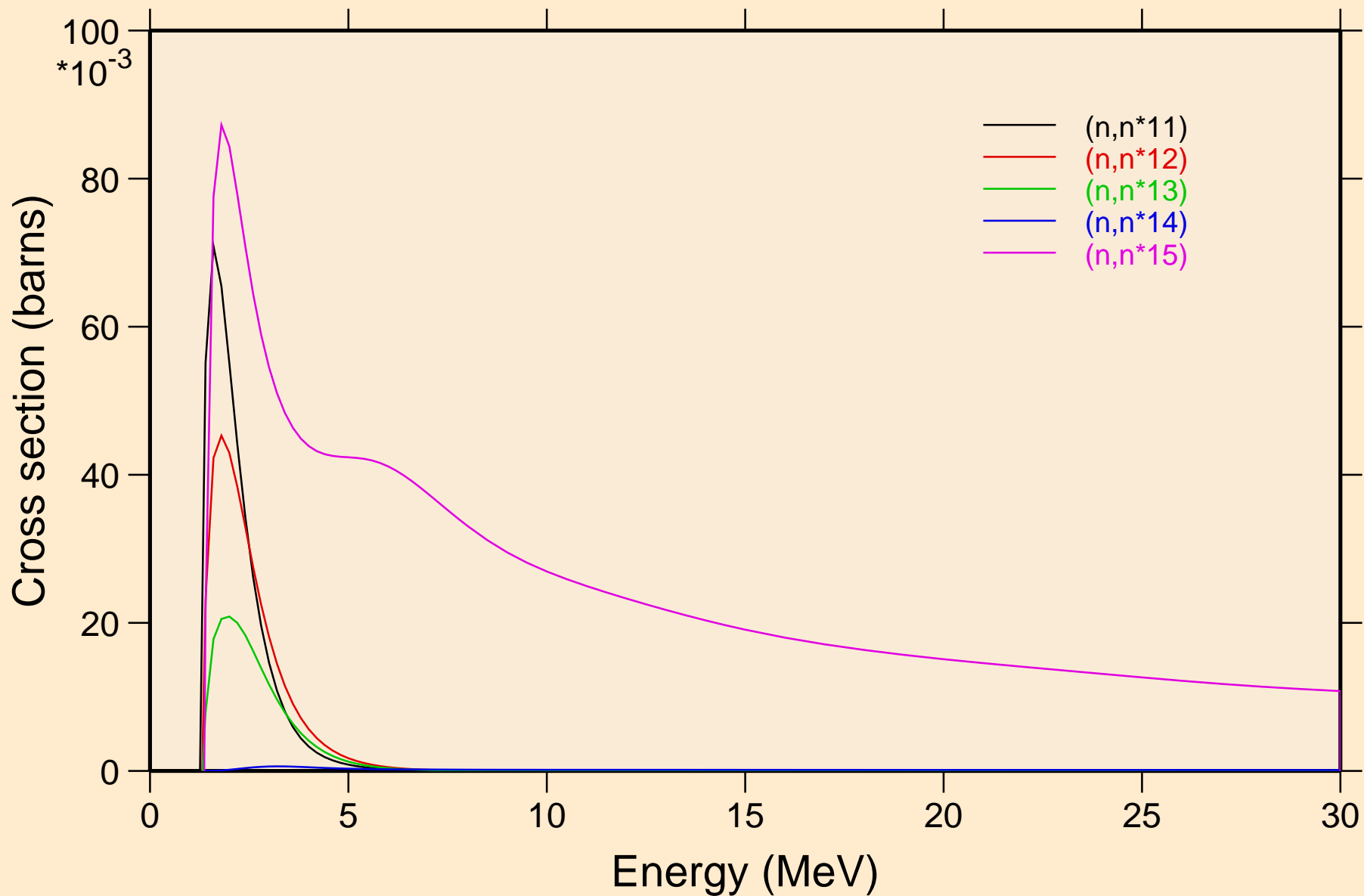
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



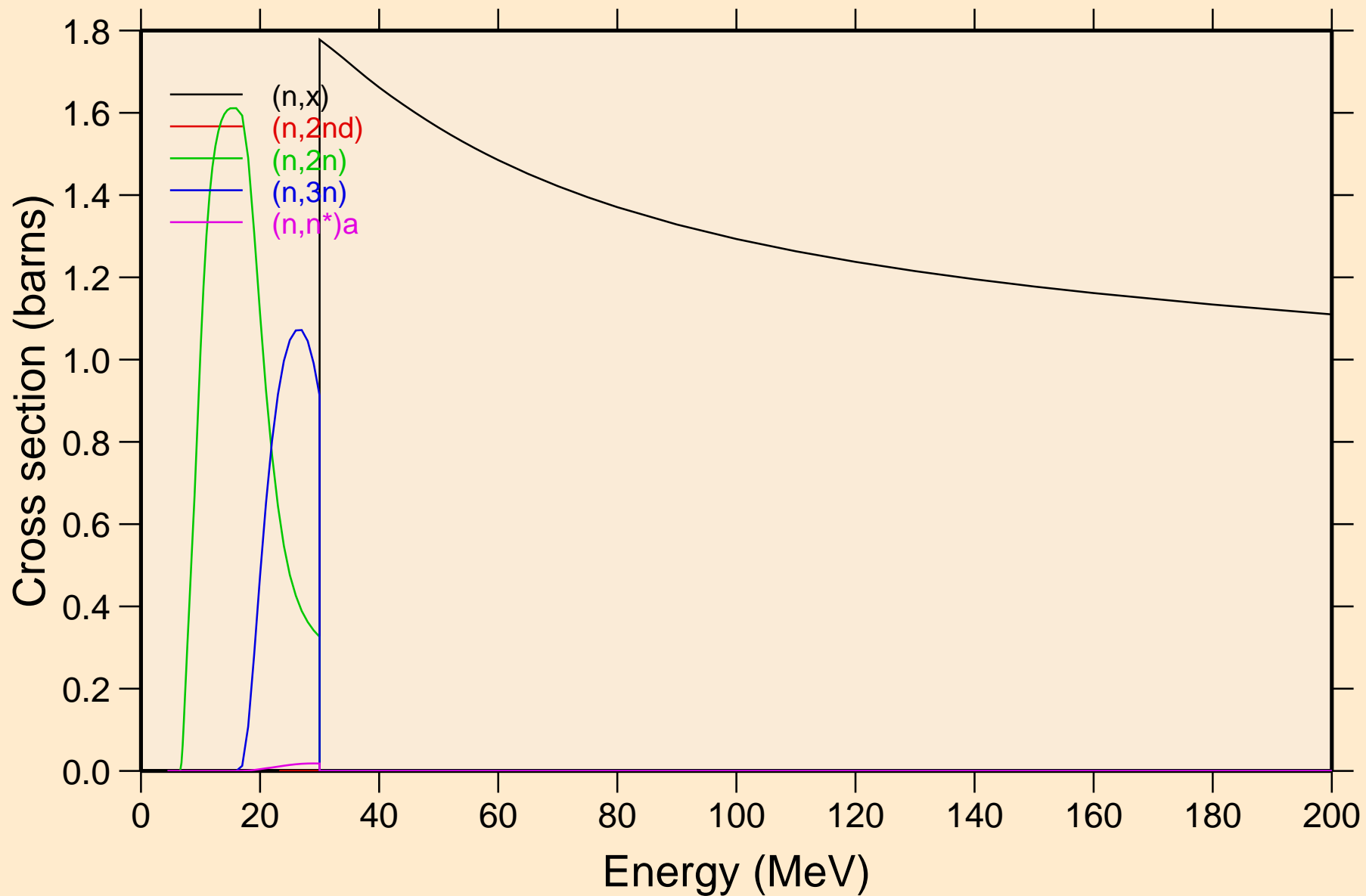
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



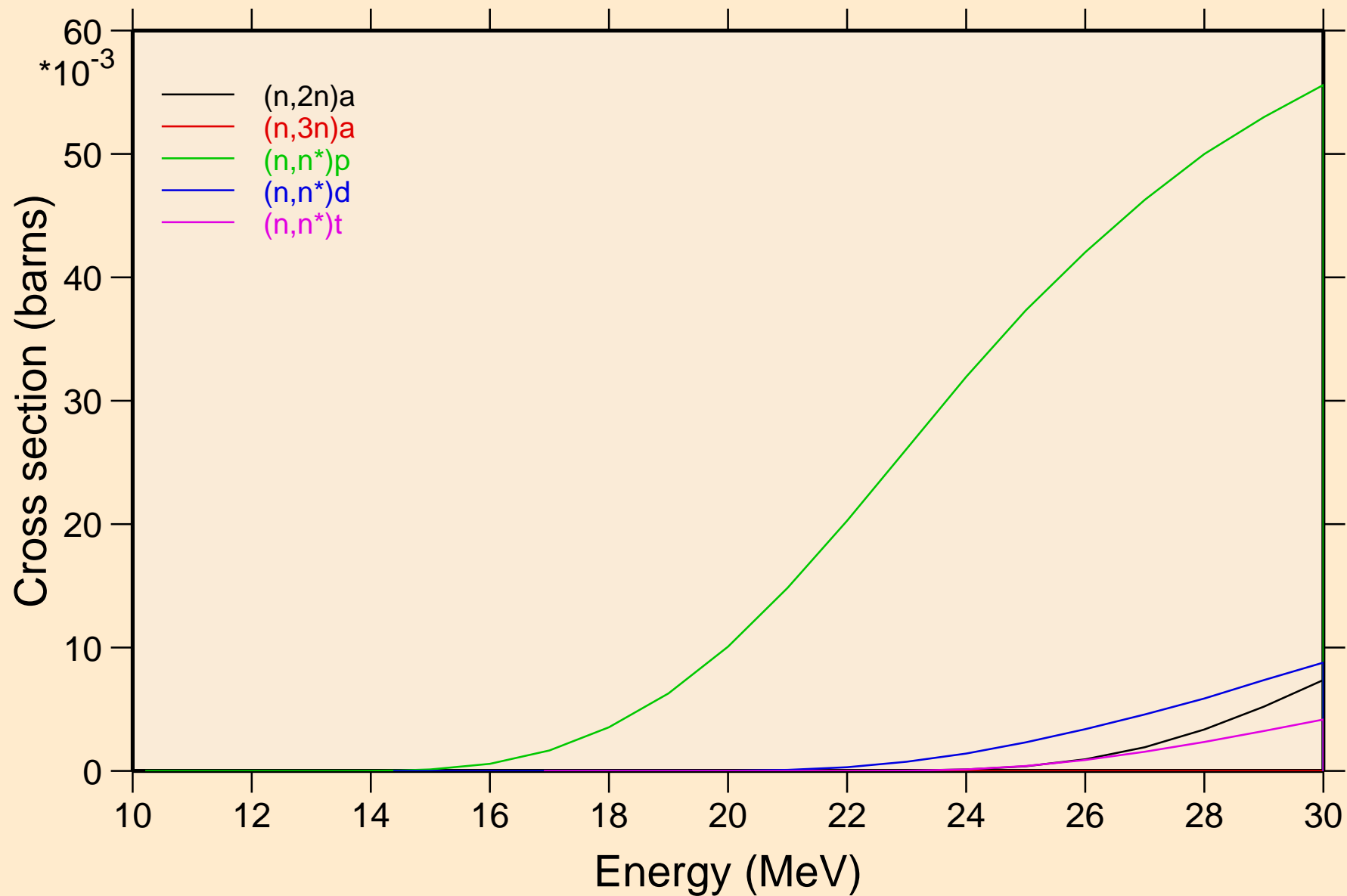
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



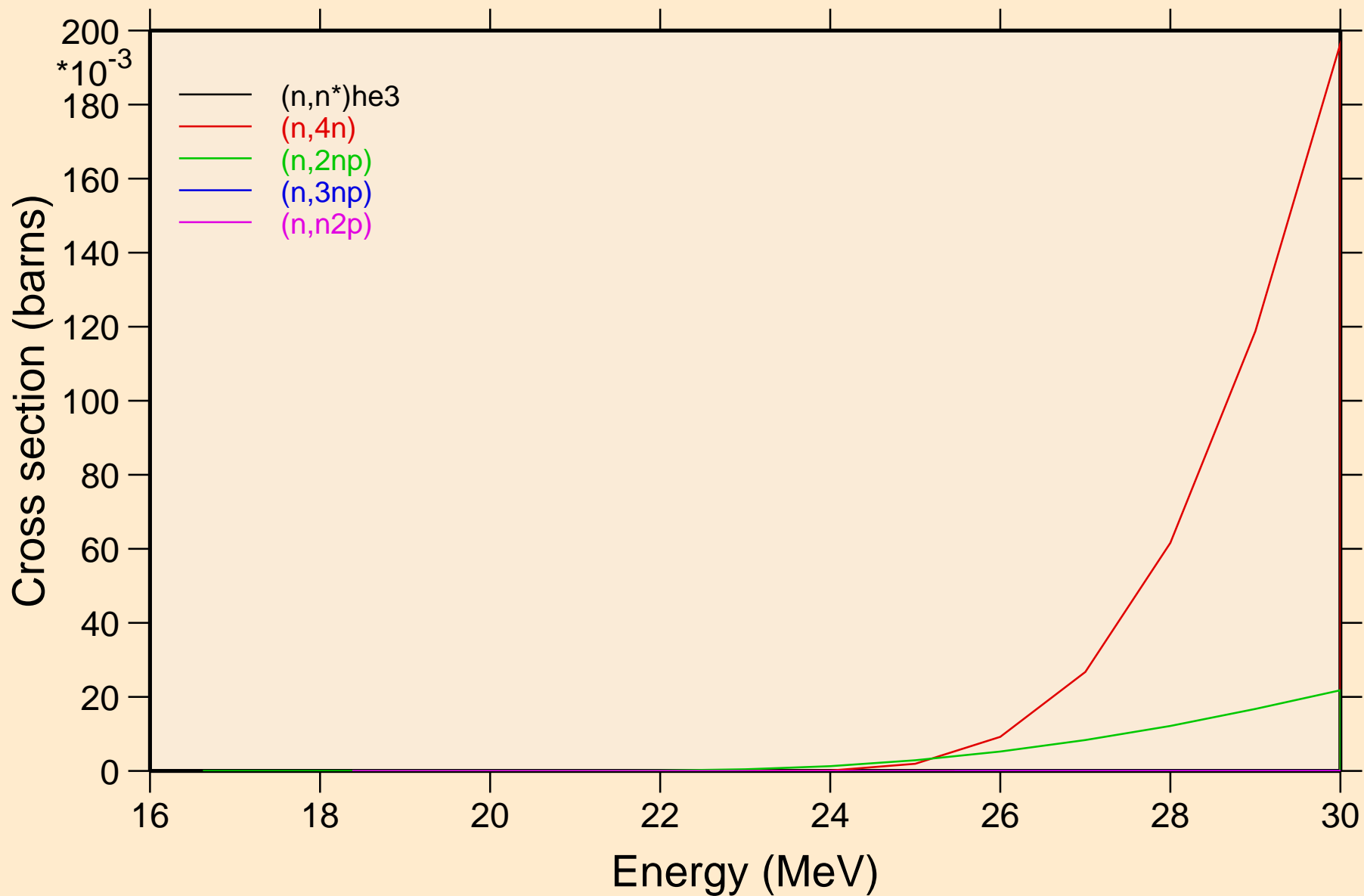
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



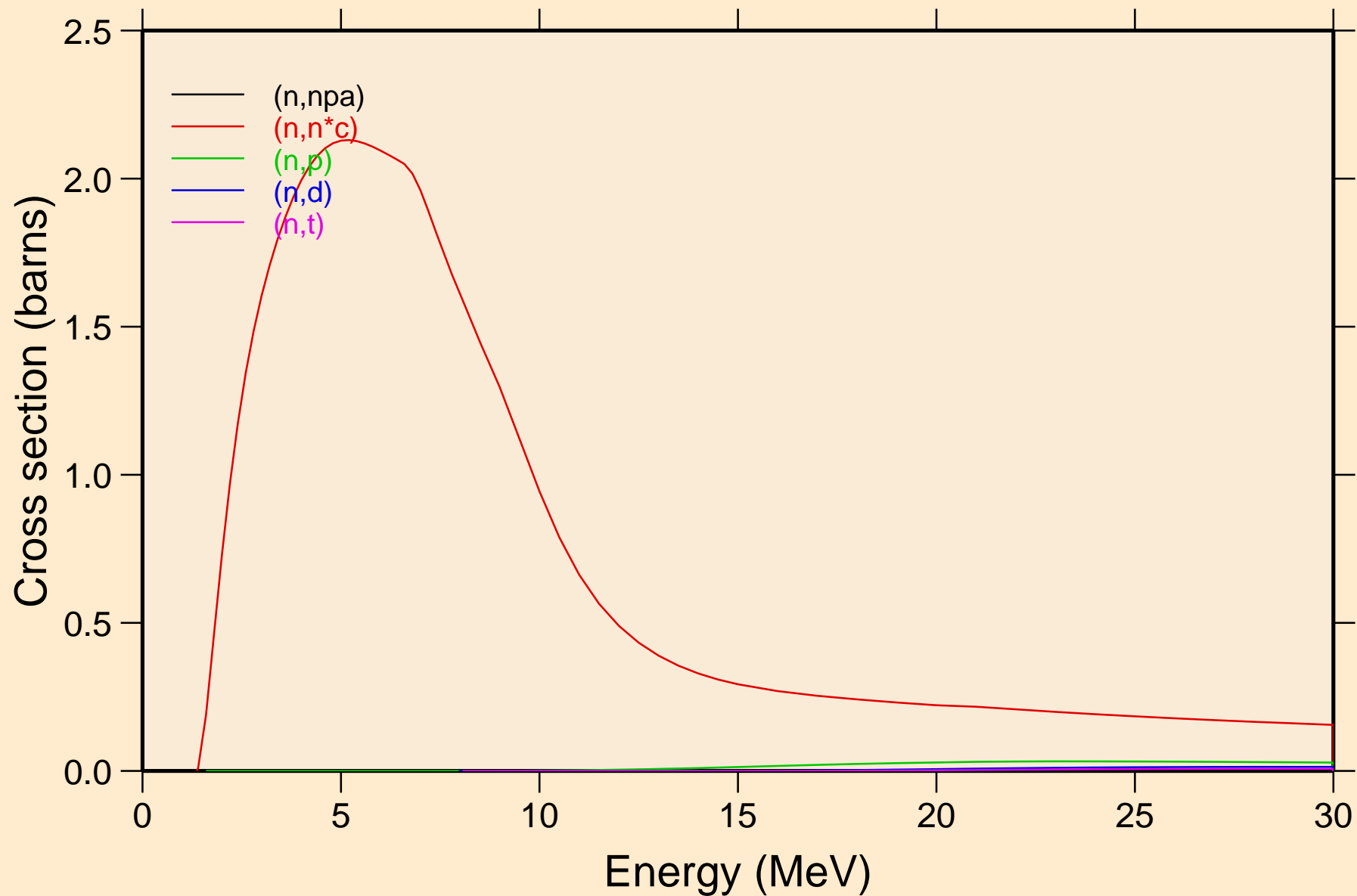
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



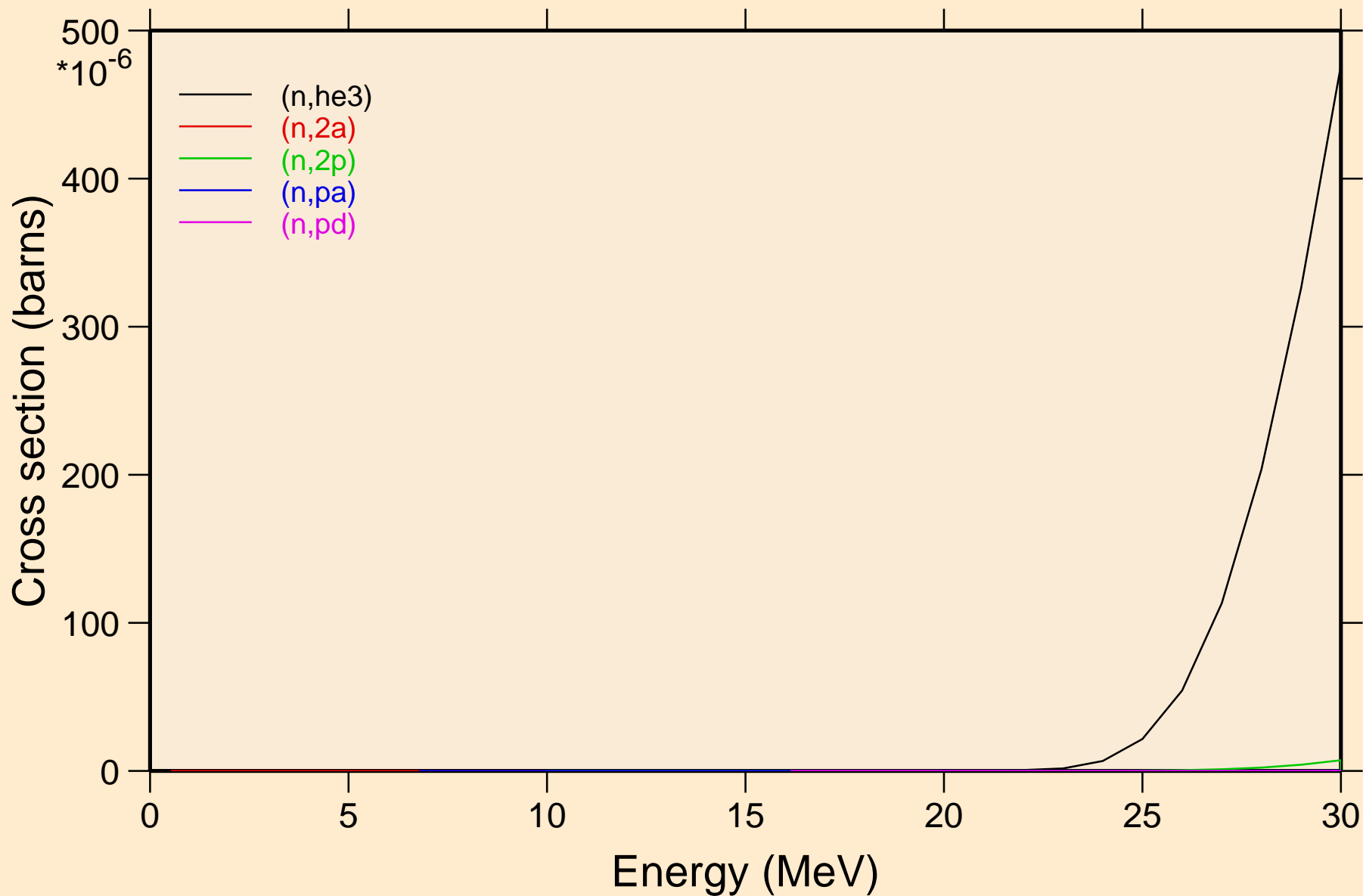
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



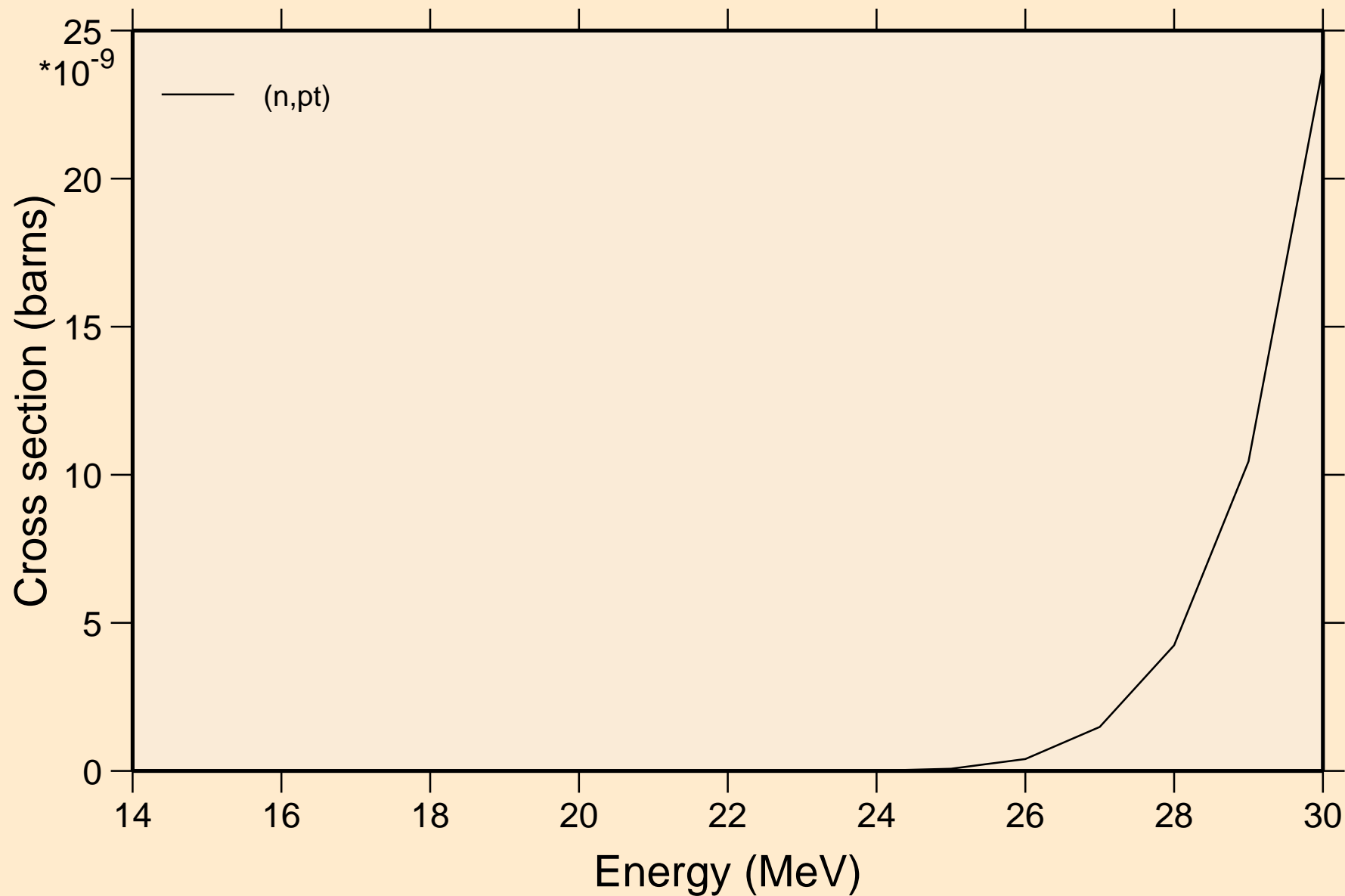
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



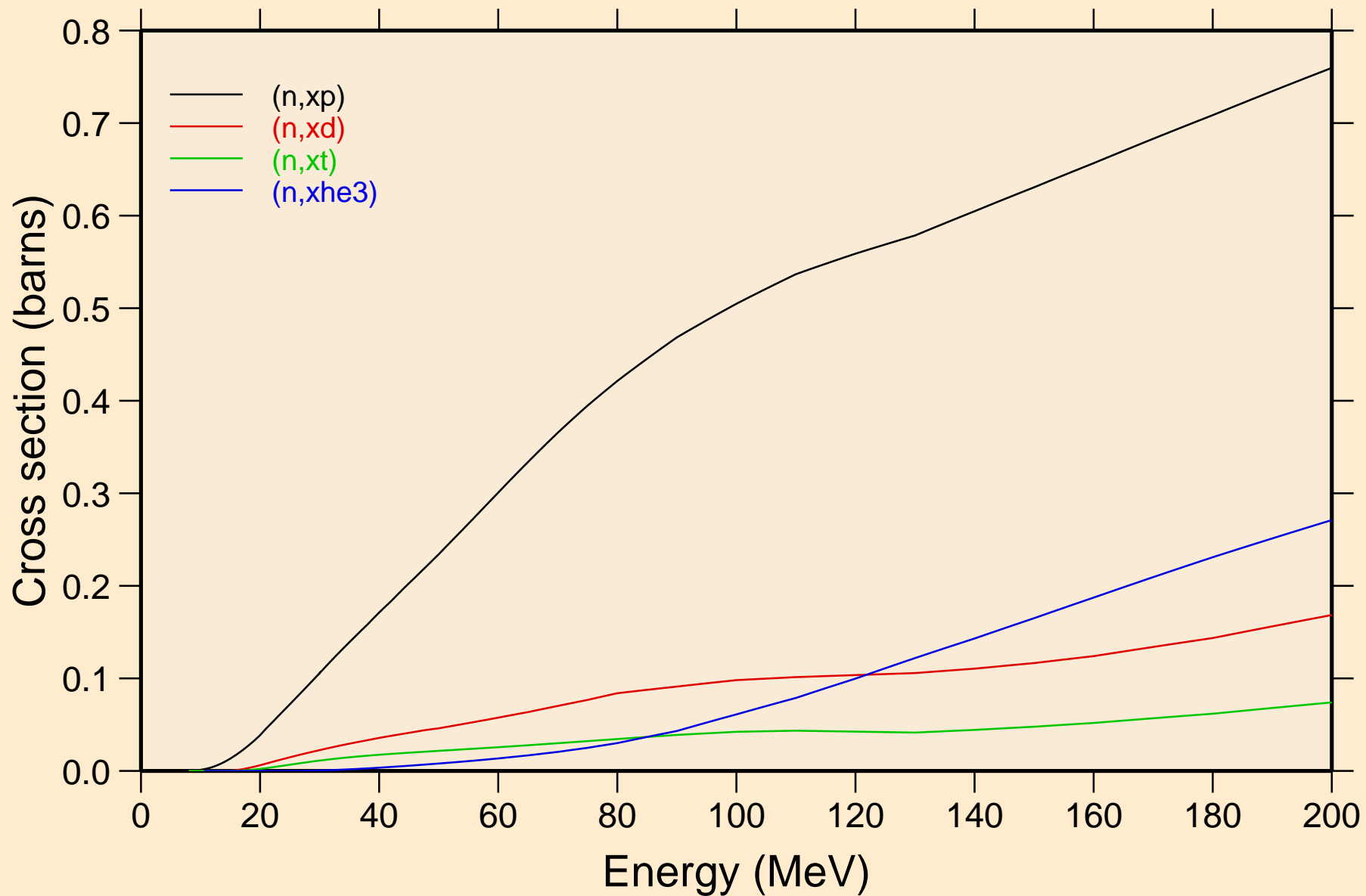
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

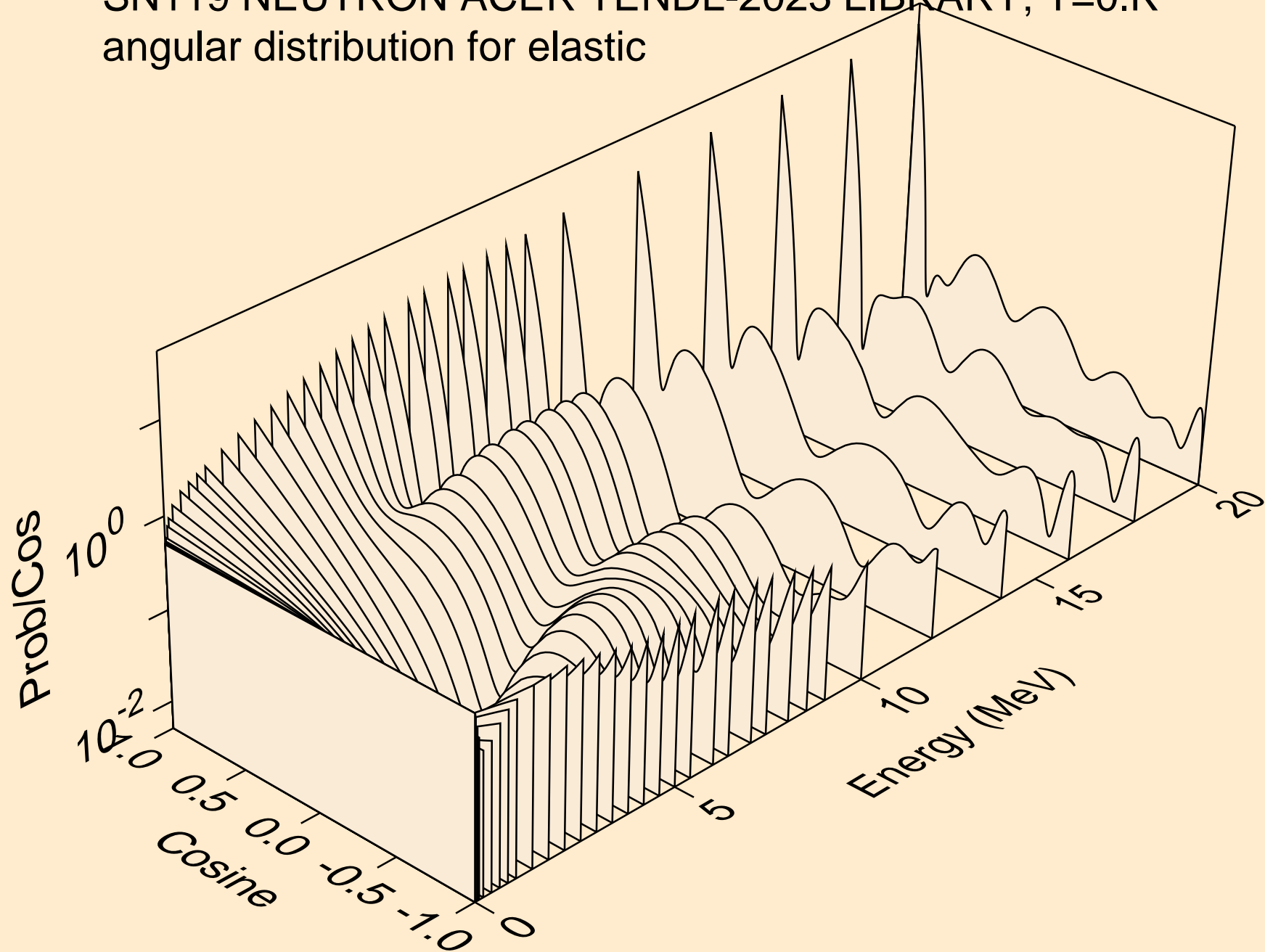


SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

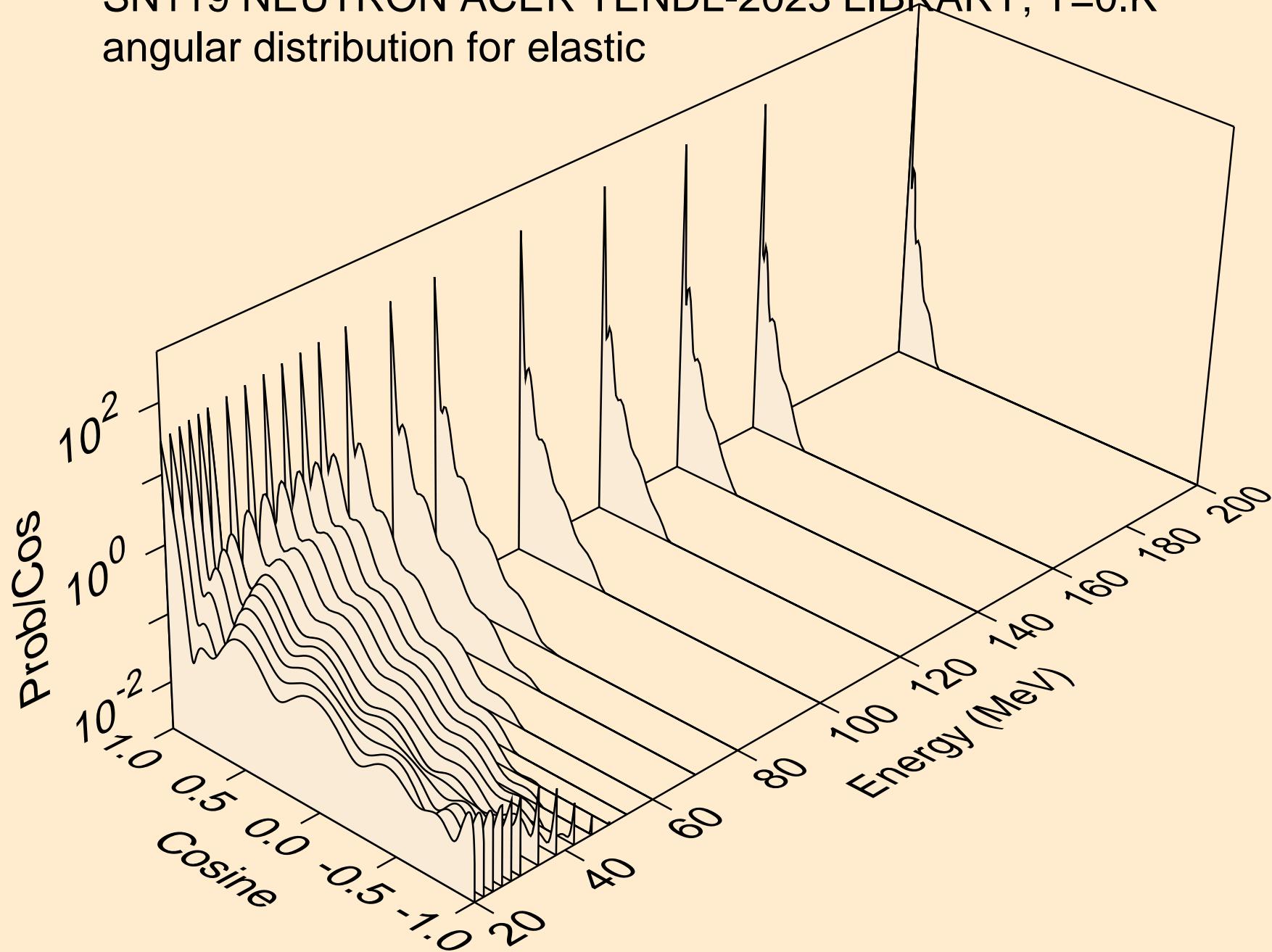
Threshold reactions



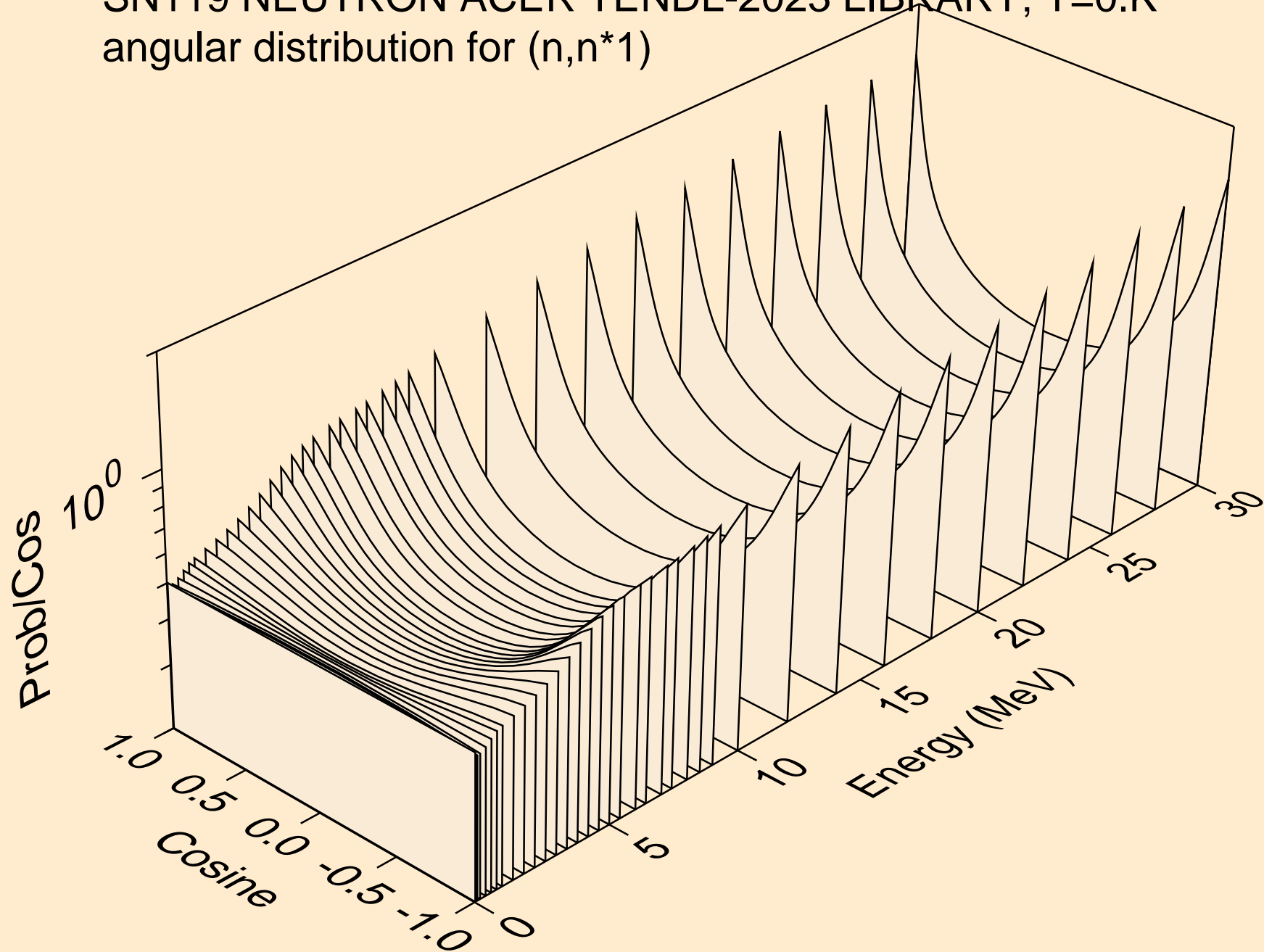
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



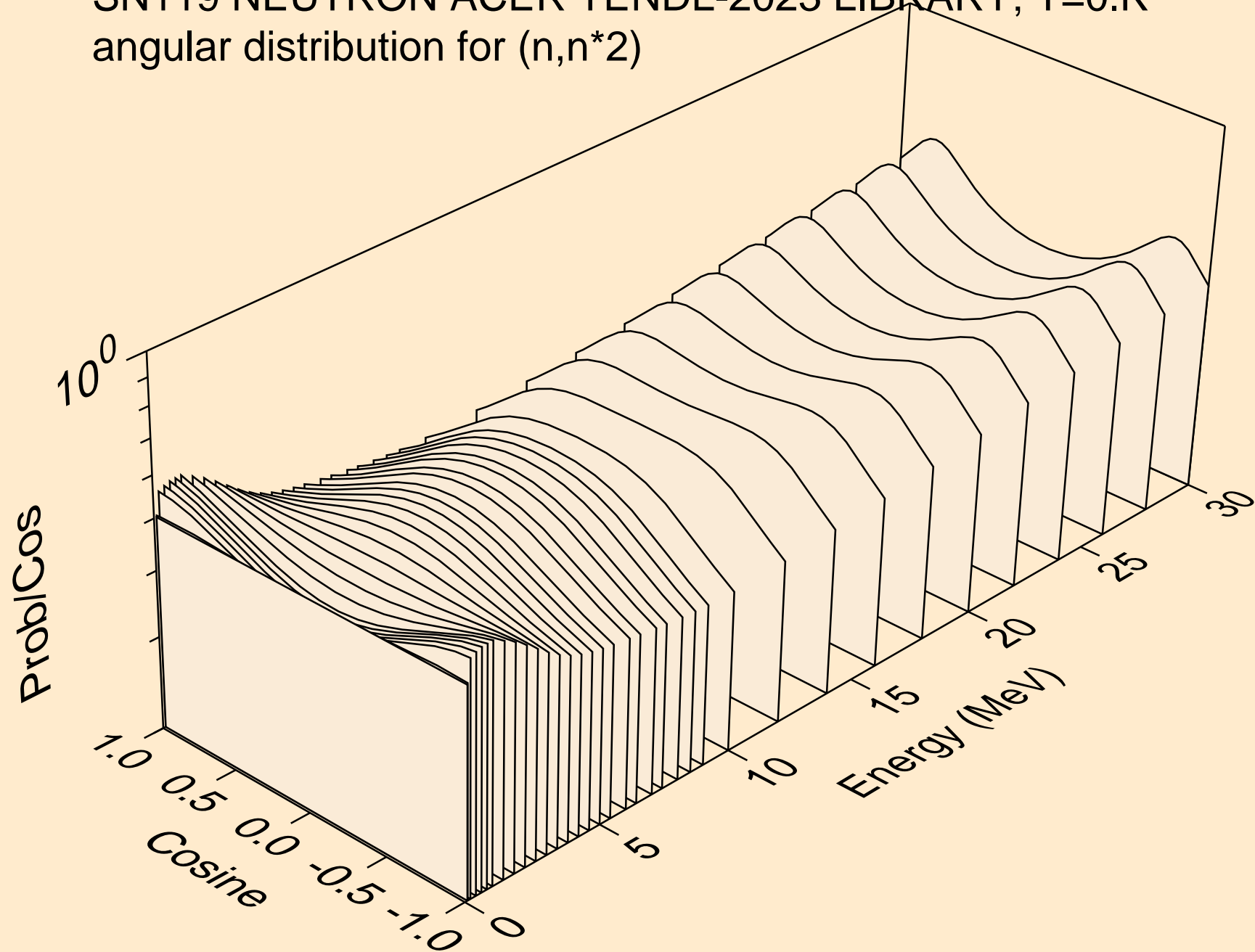
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



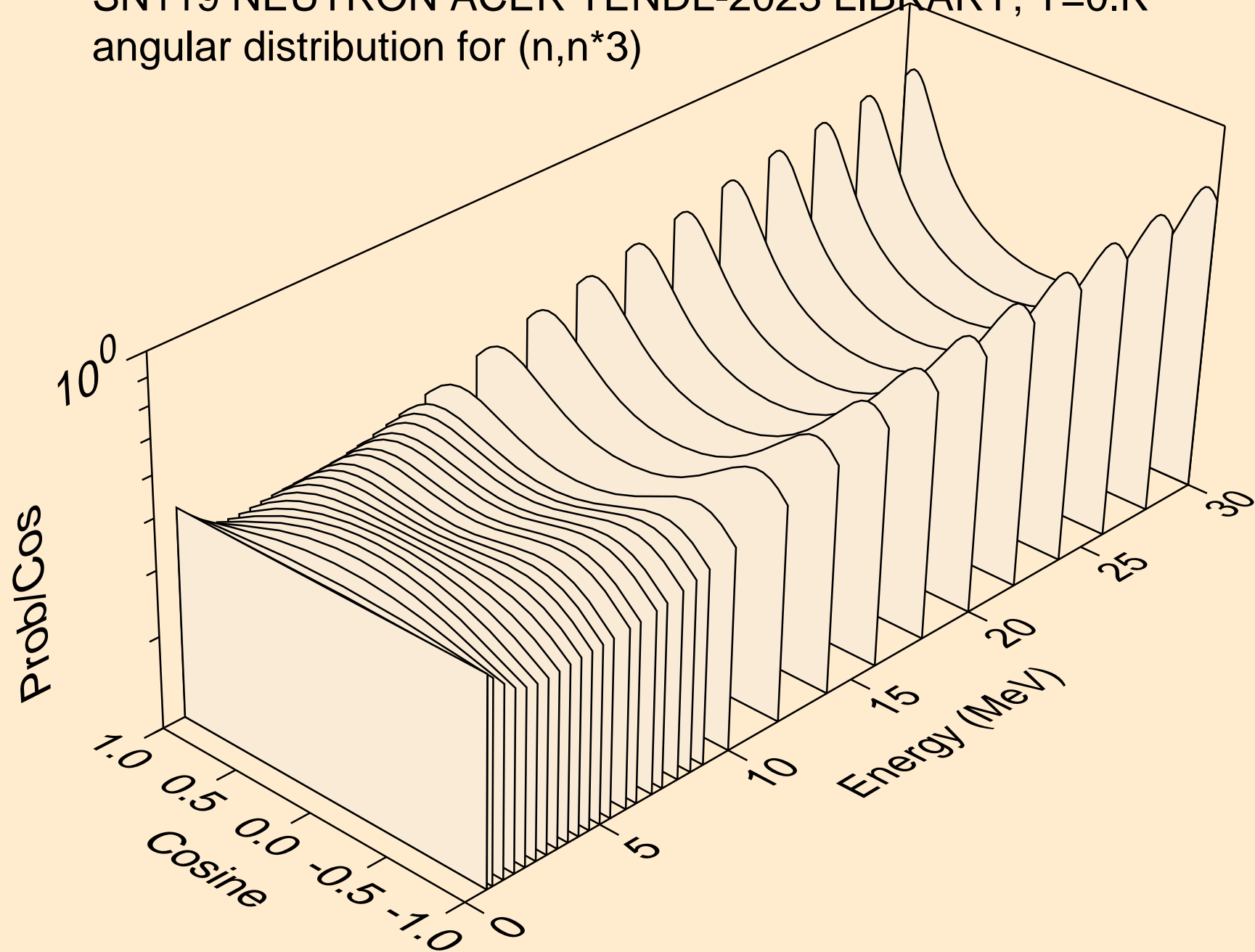
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



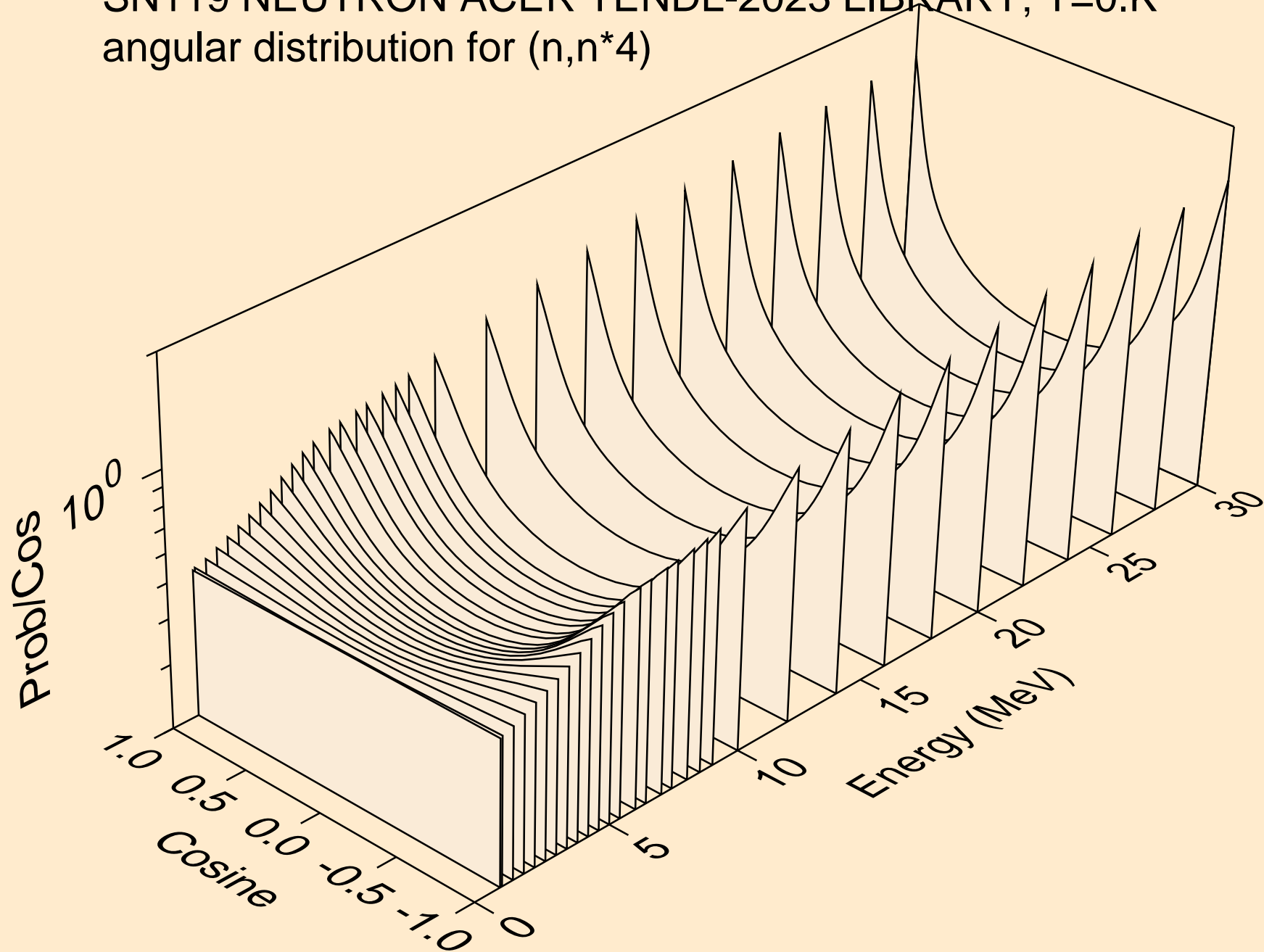
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



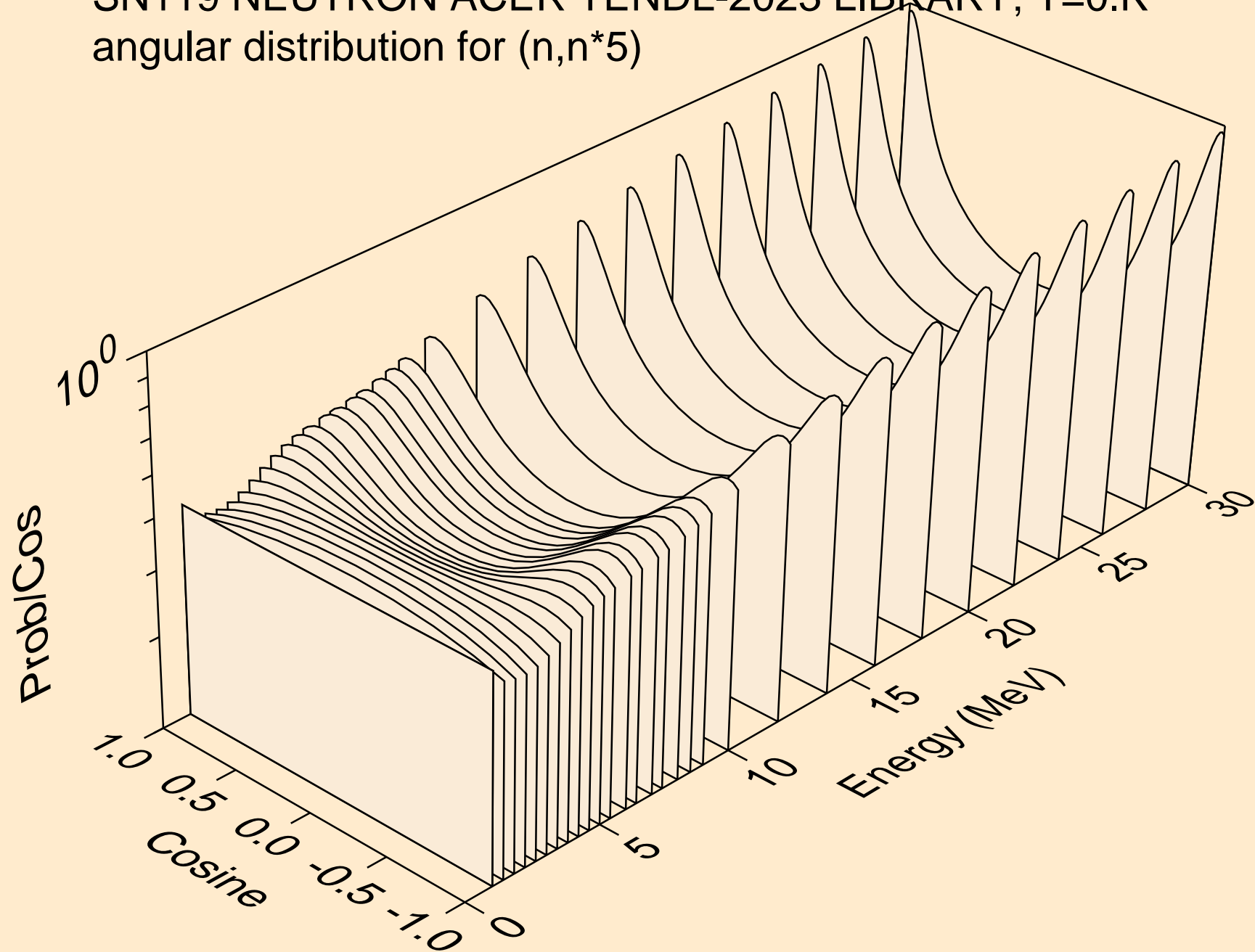
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



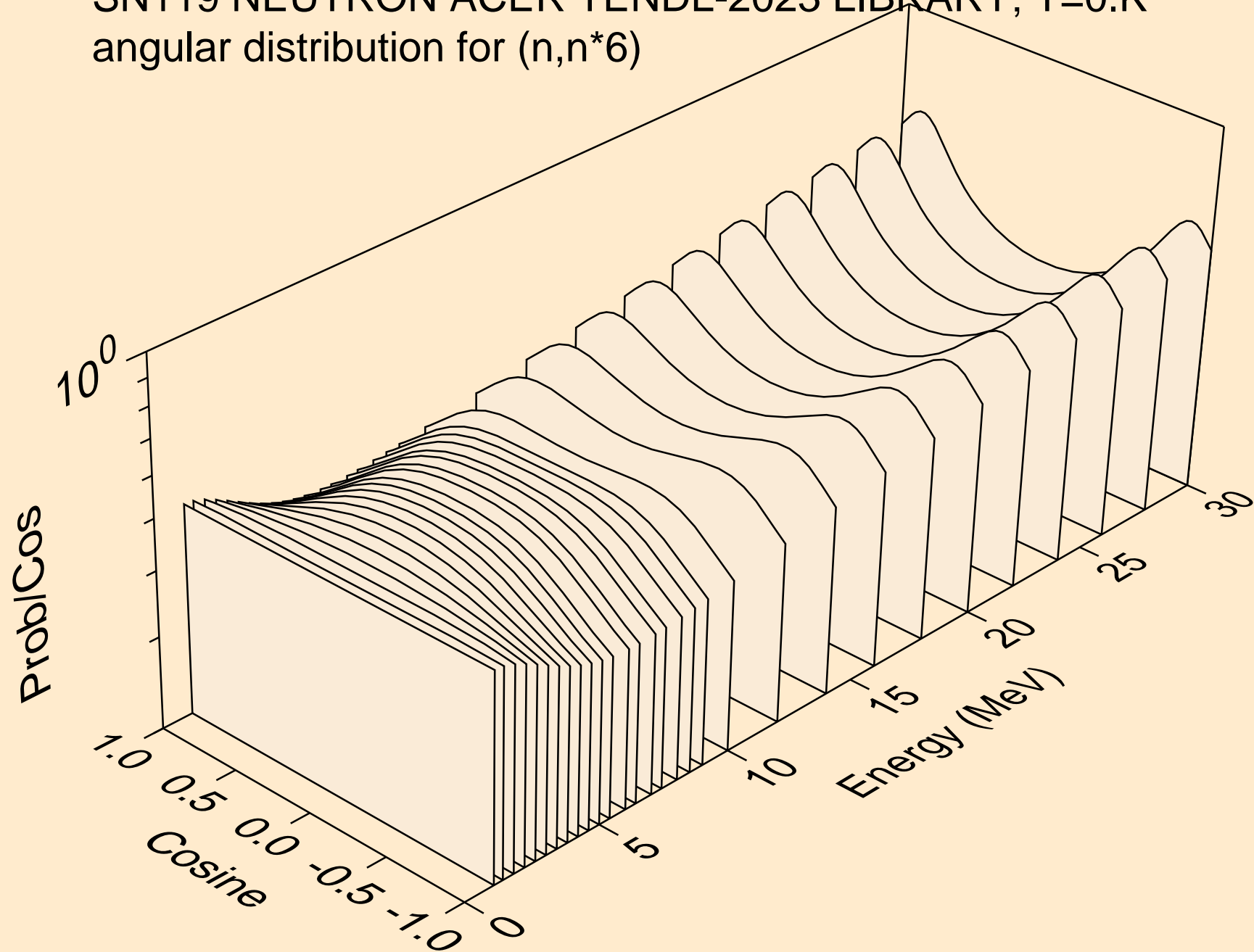
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



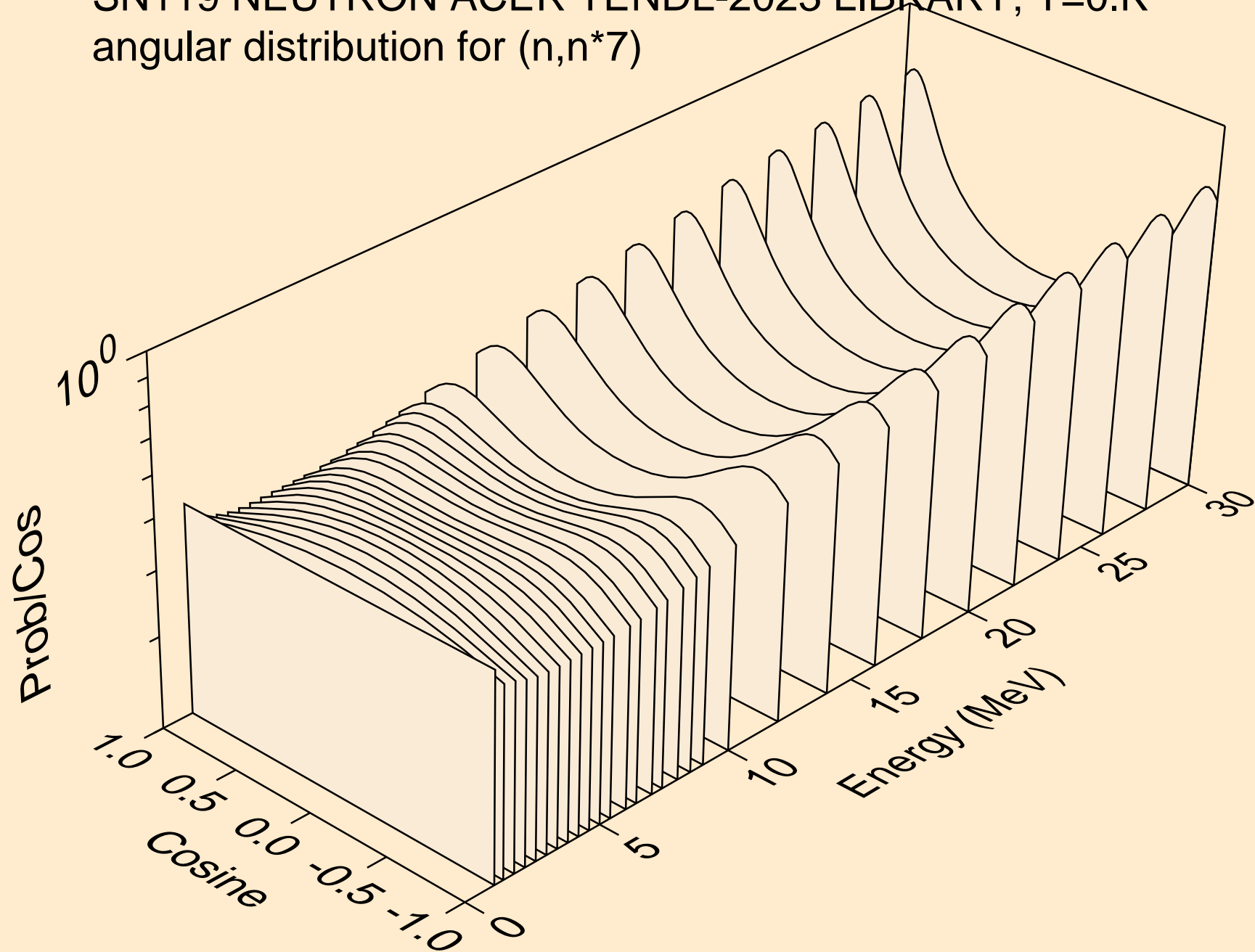
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



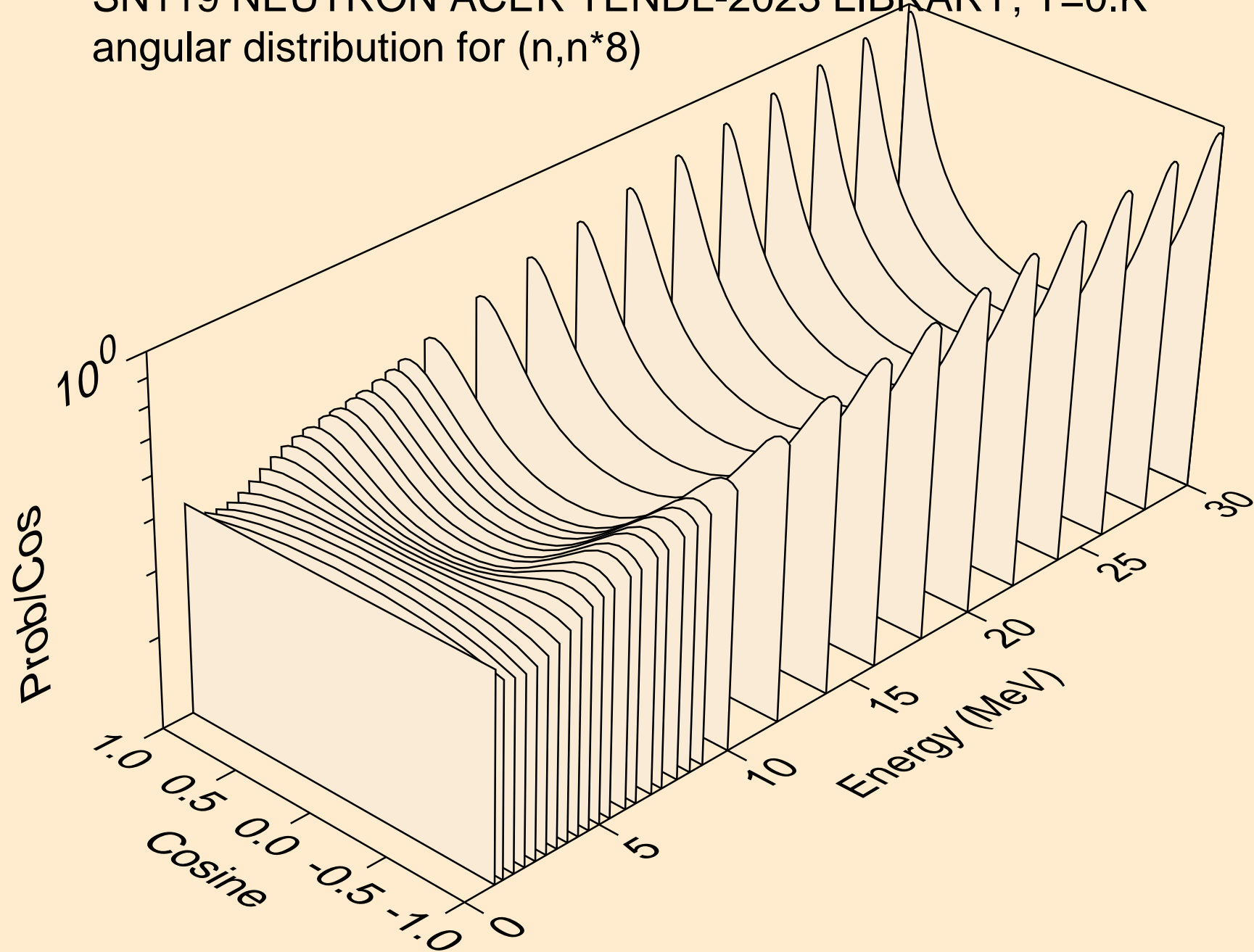
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



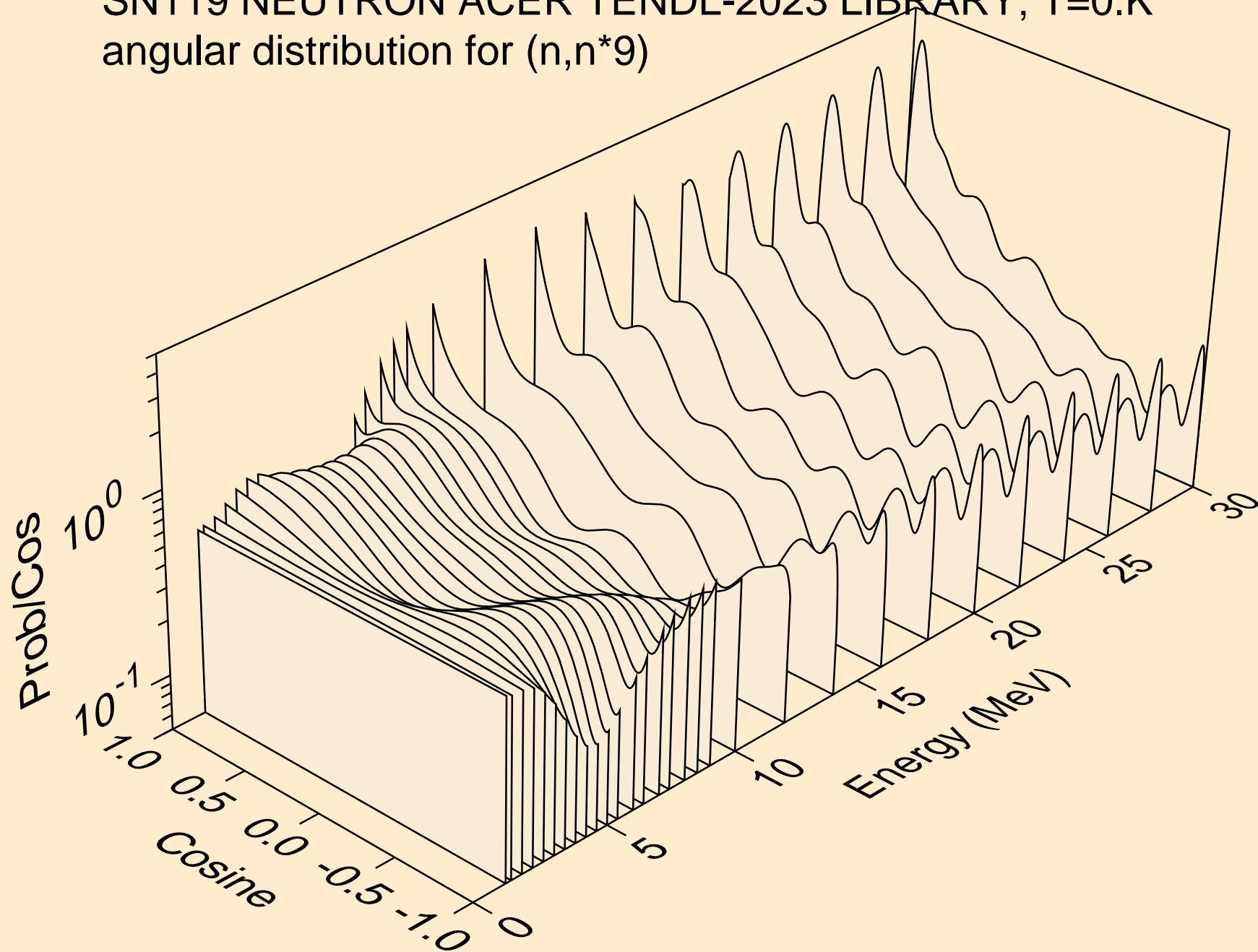
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



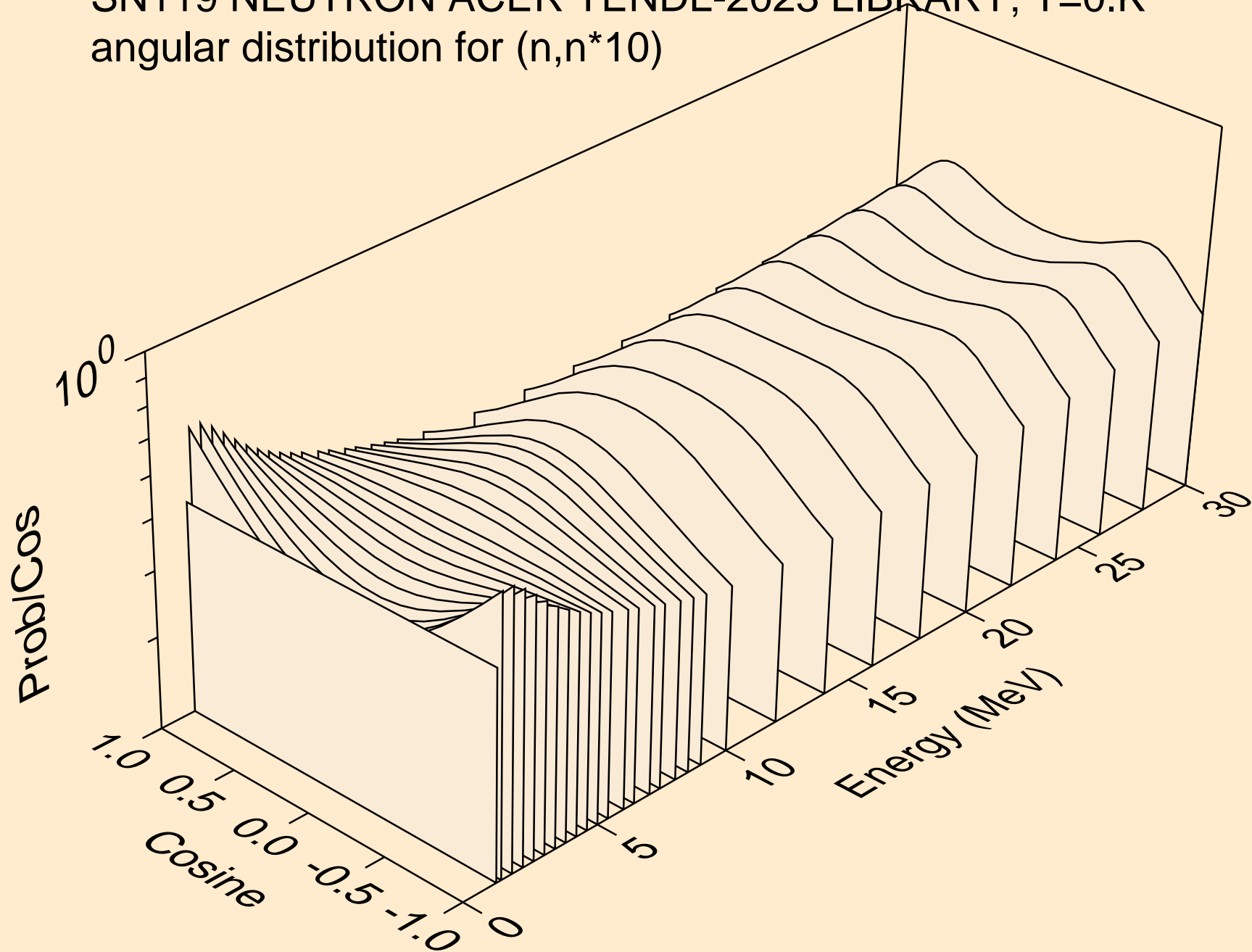
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



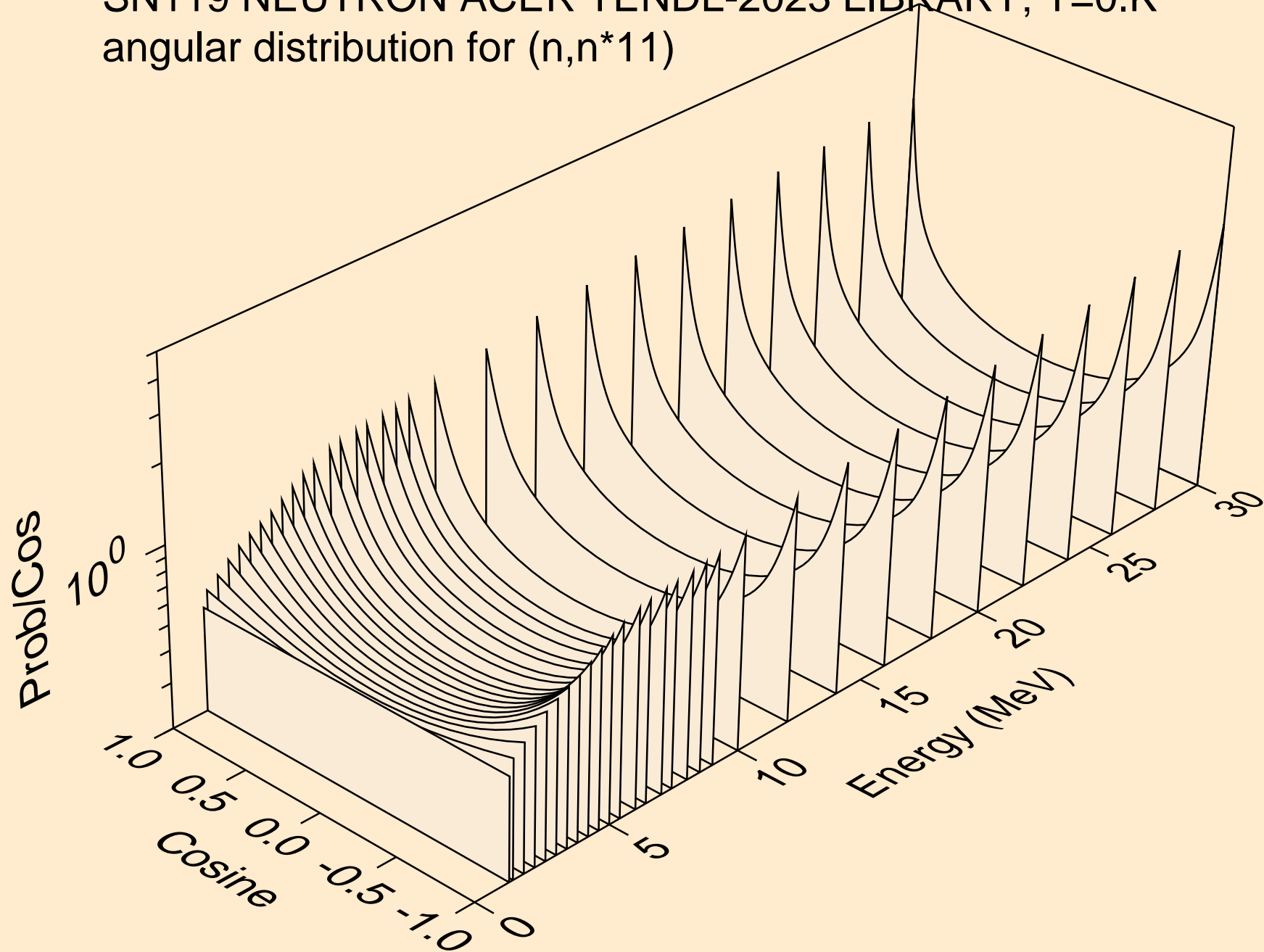
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



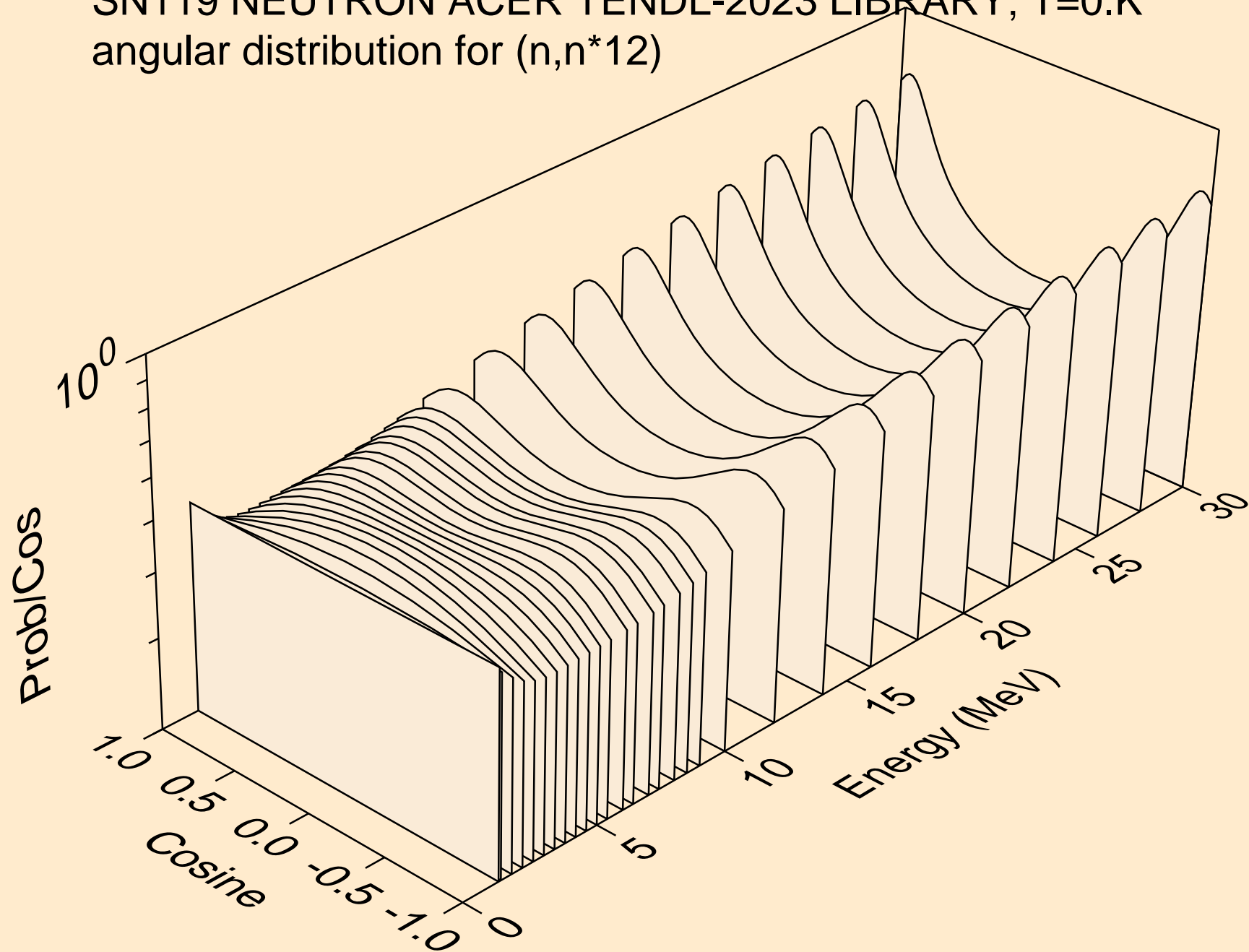
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



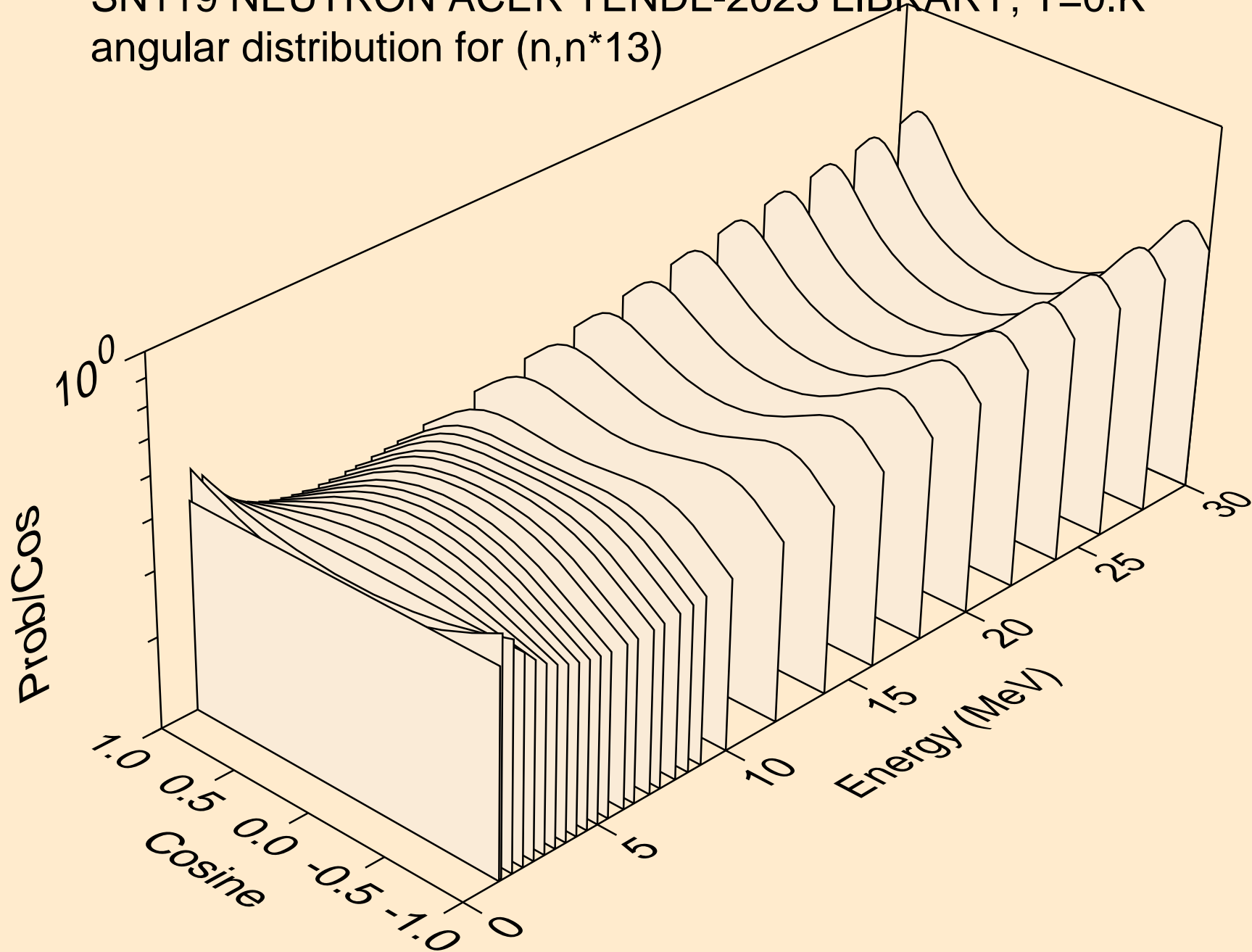
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



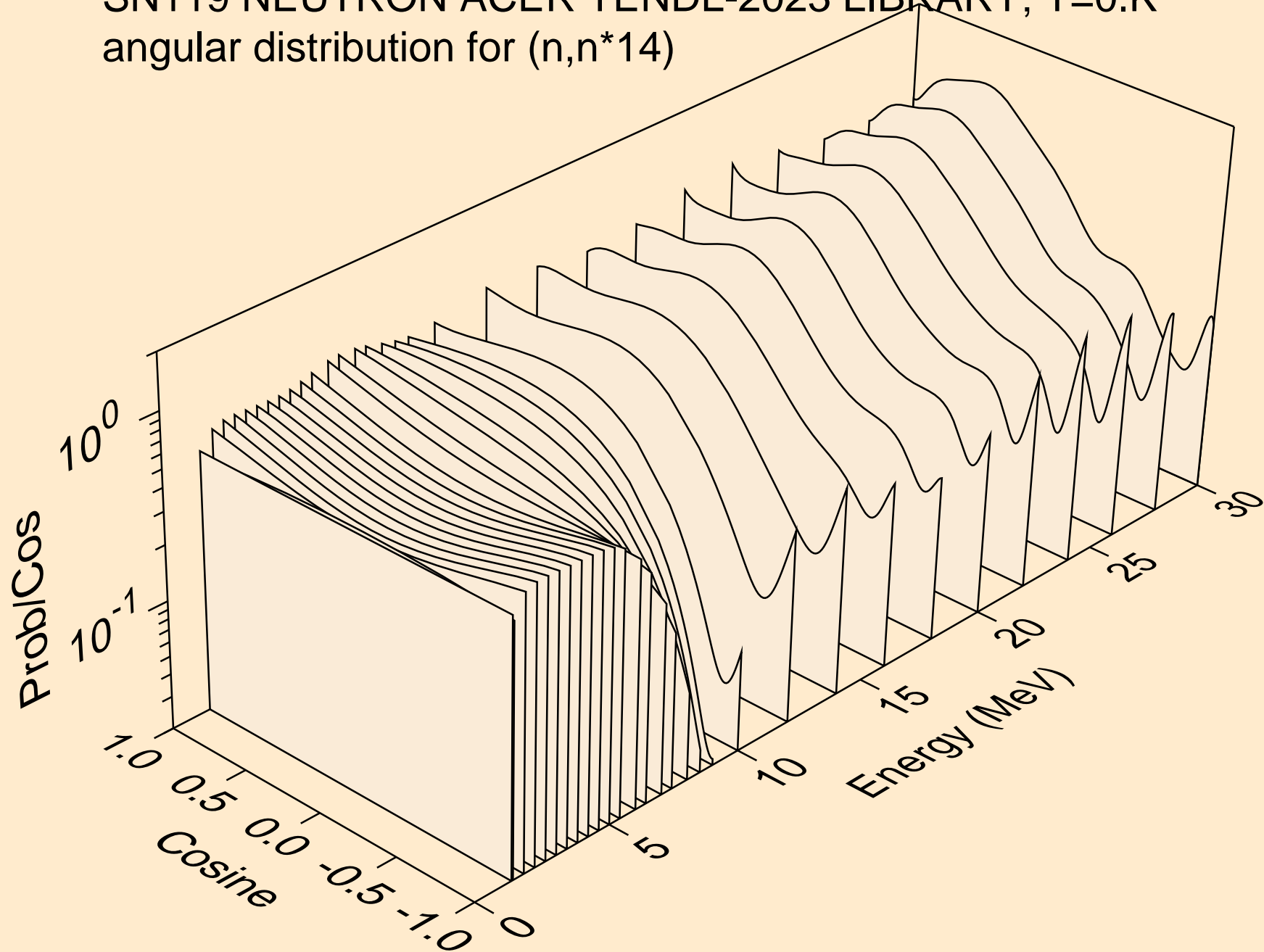
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



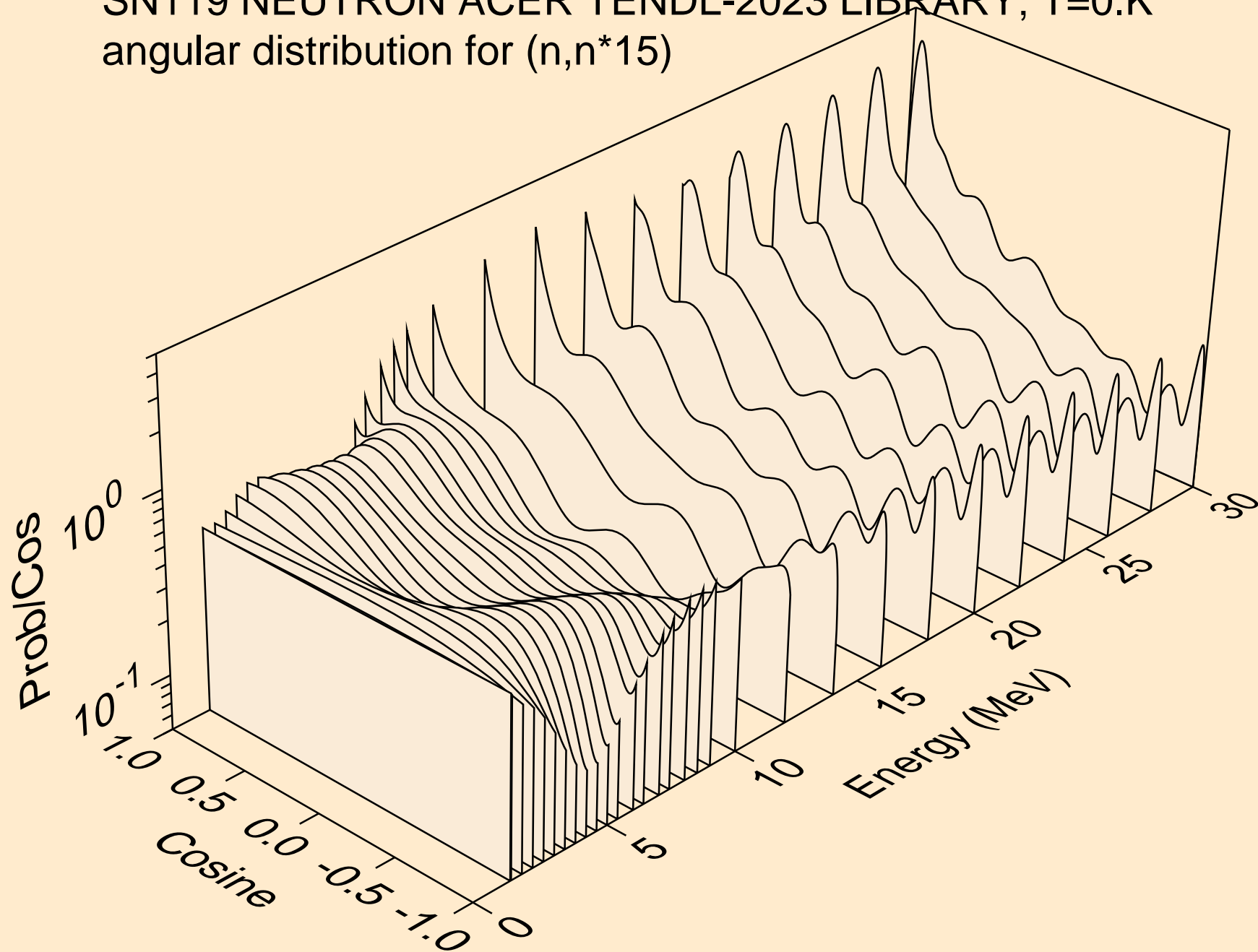
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



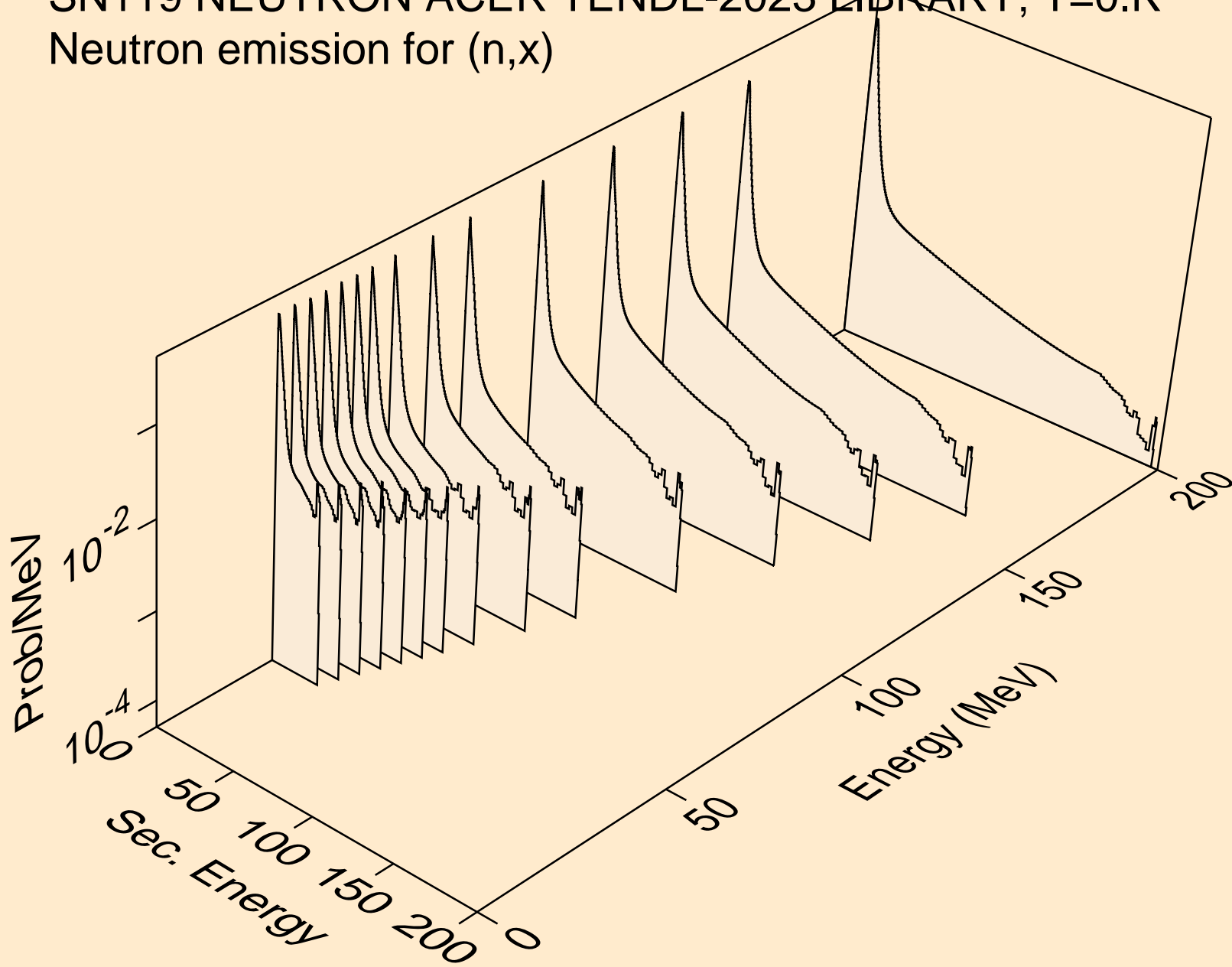
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angular distribution for (n,n*14)



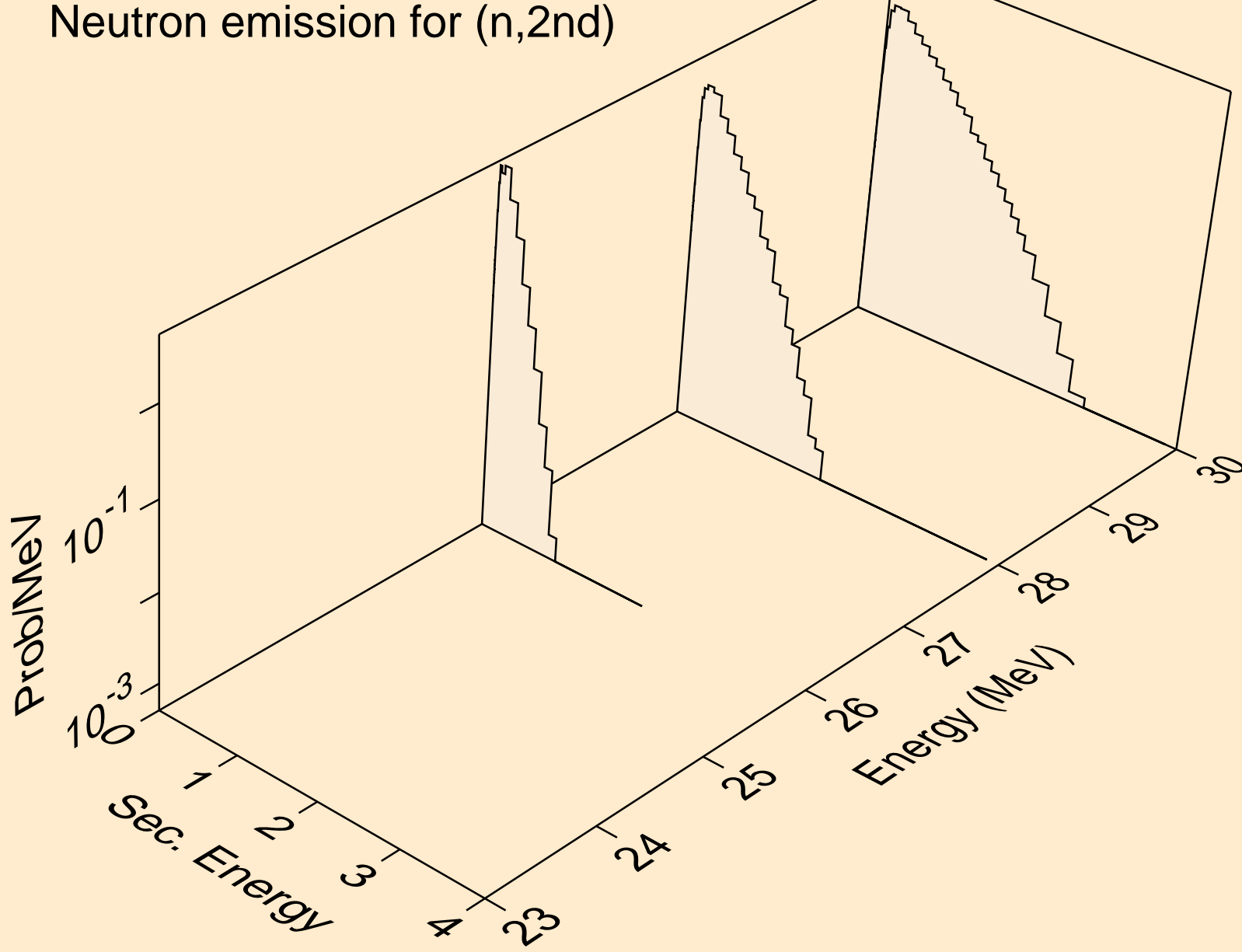
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angular distribution for (n,n*15)



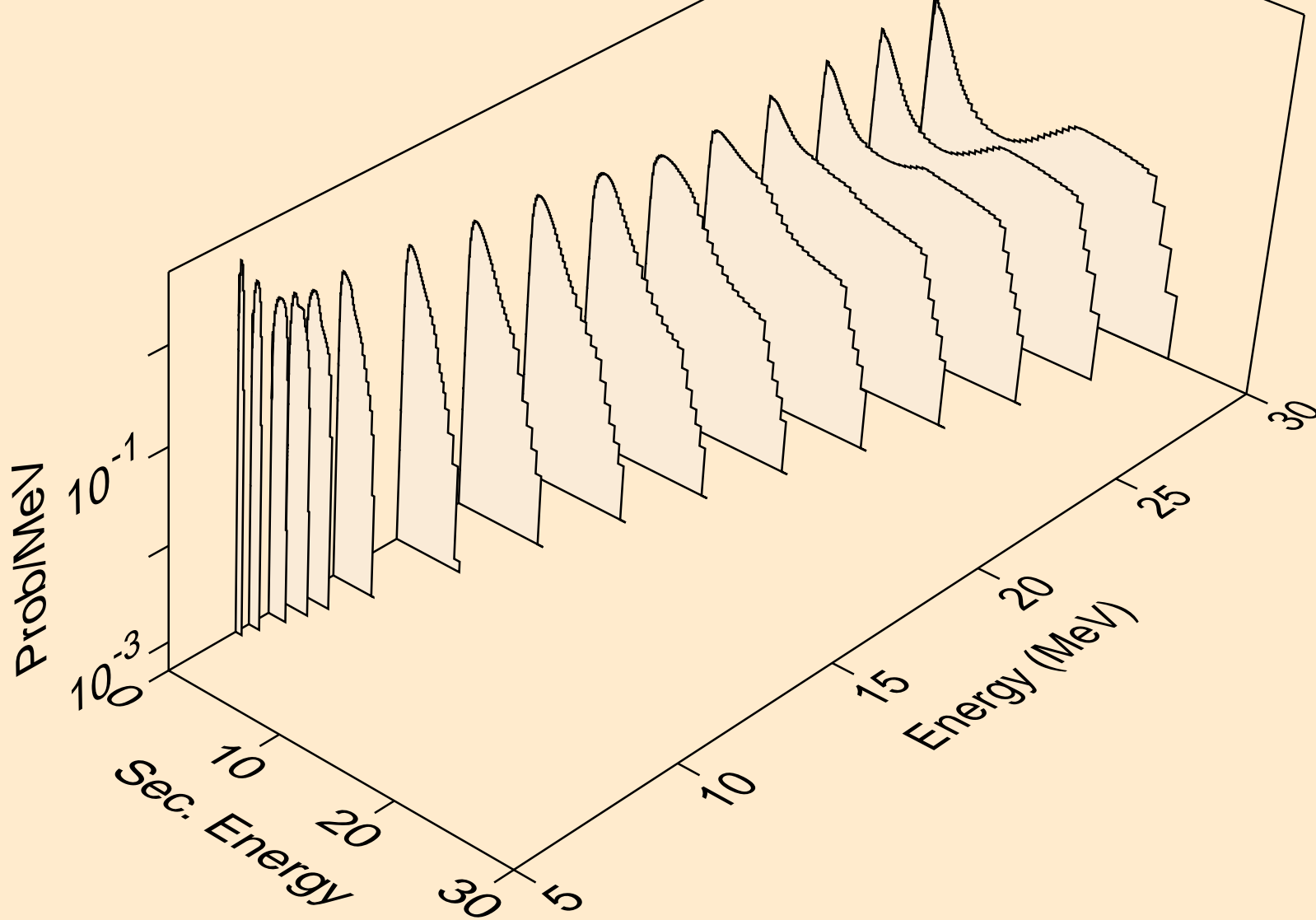
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



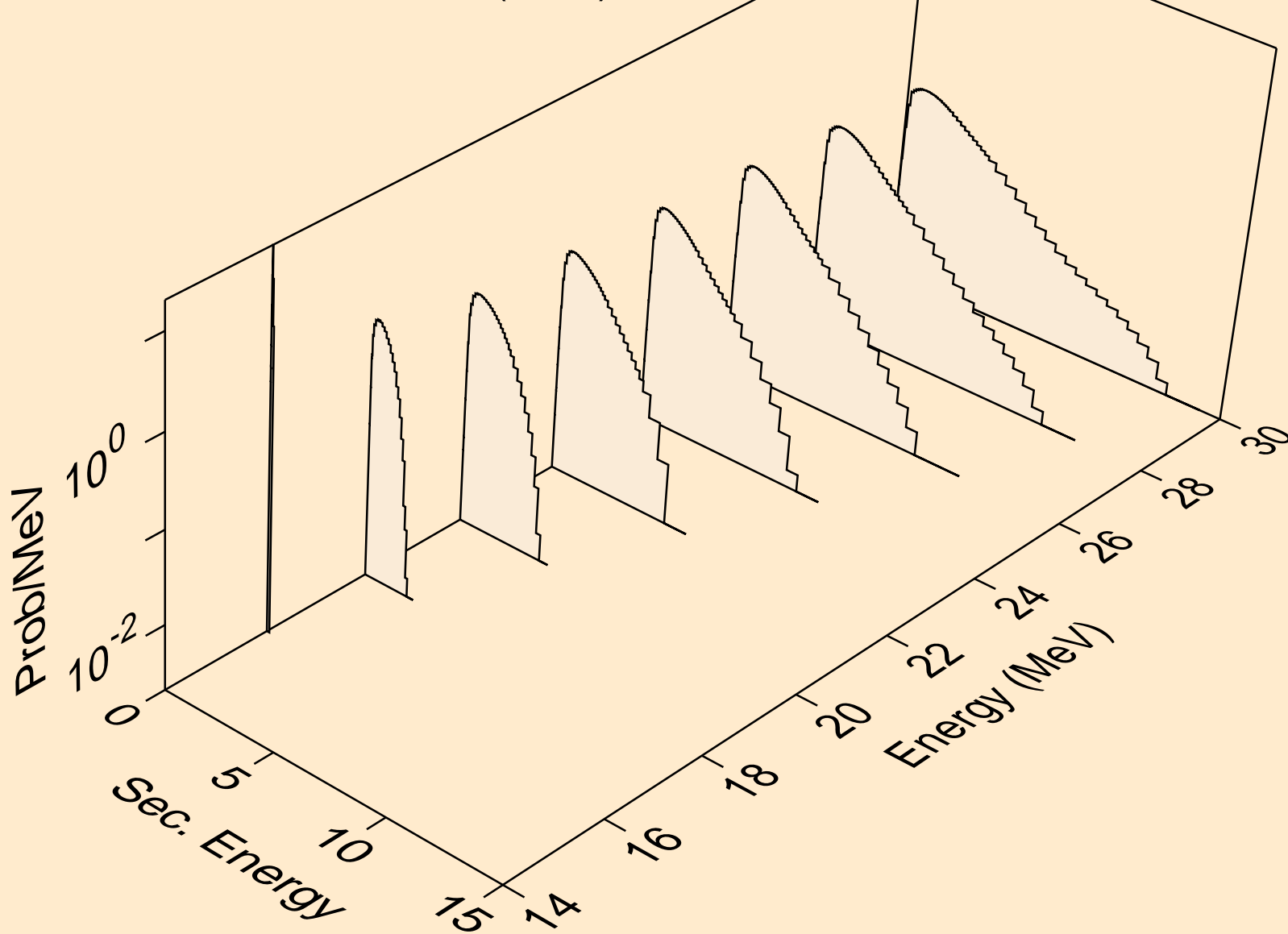
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



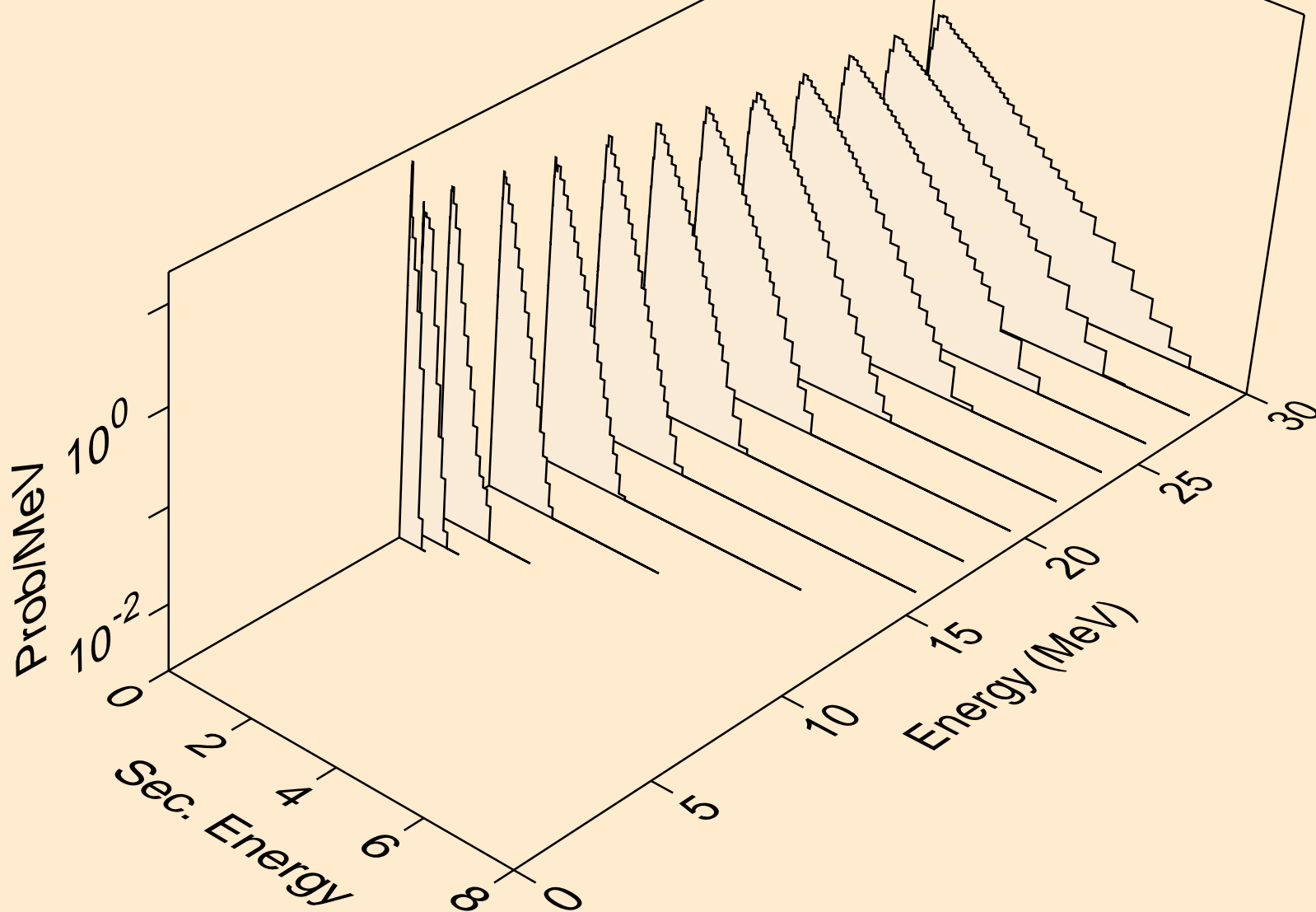
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



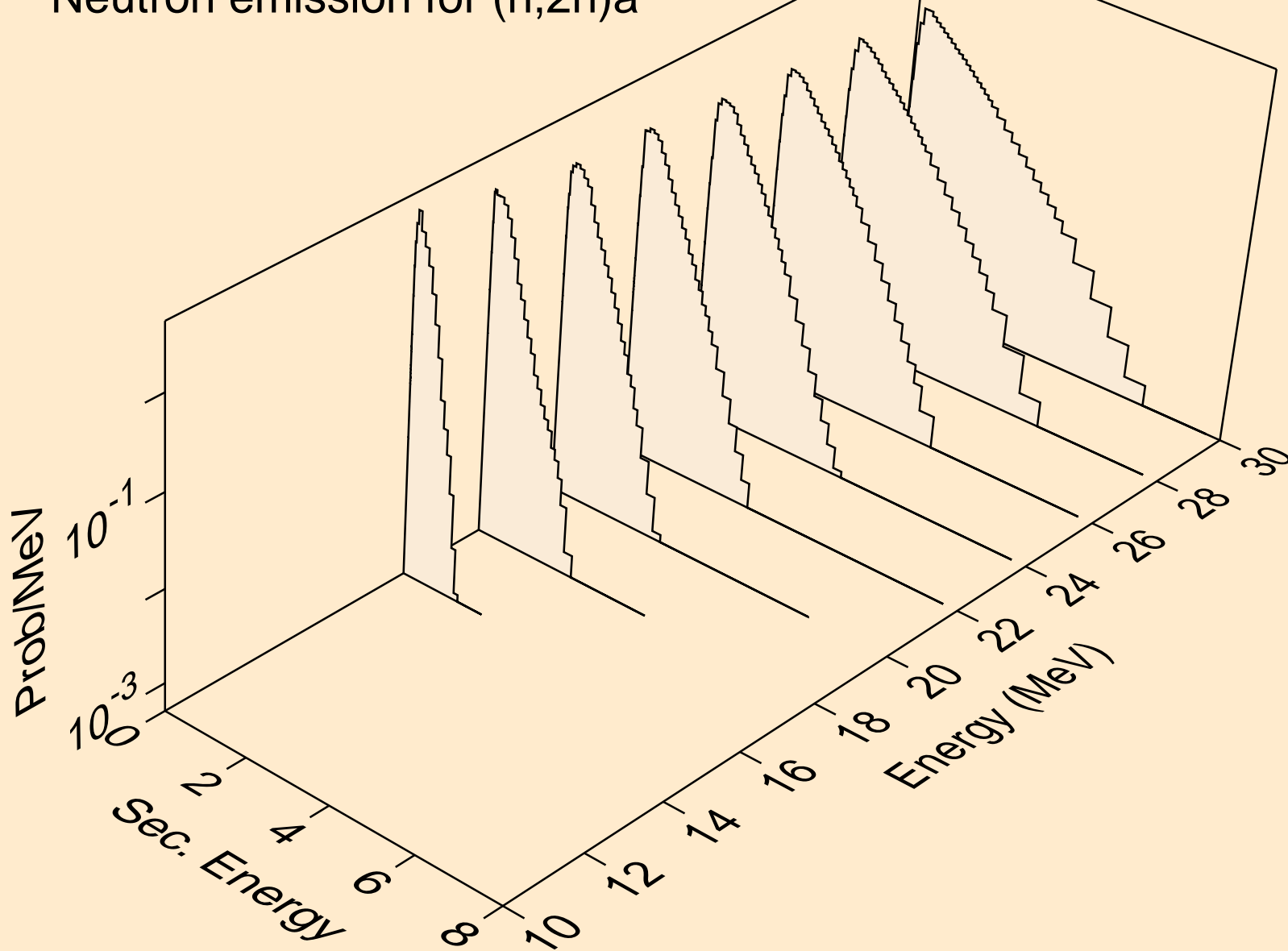
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



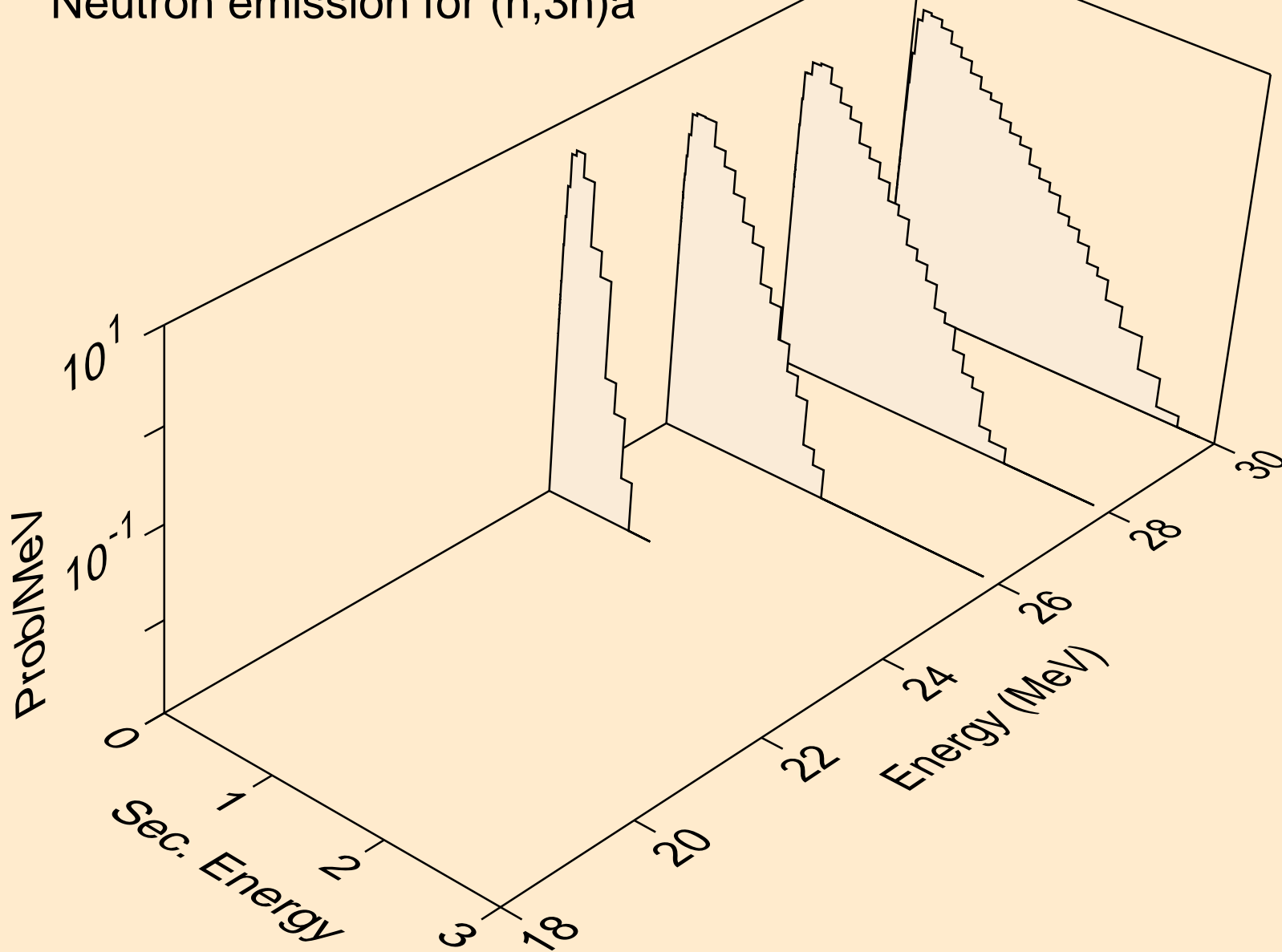
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



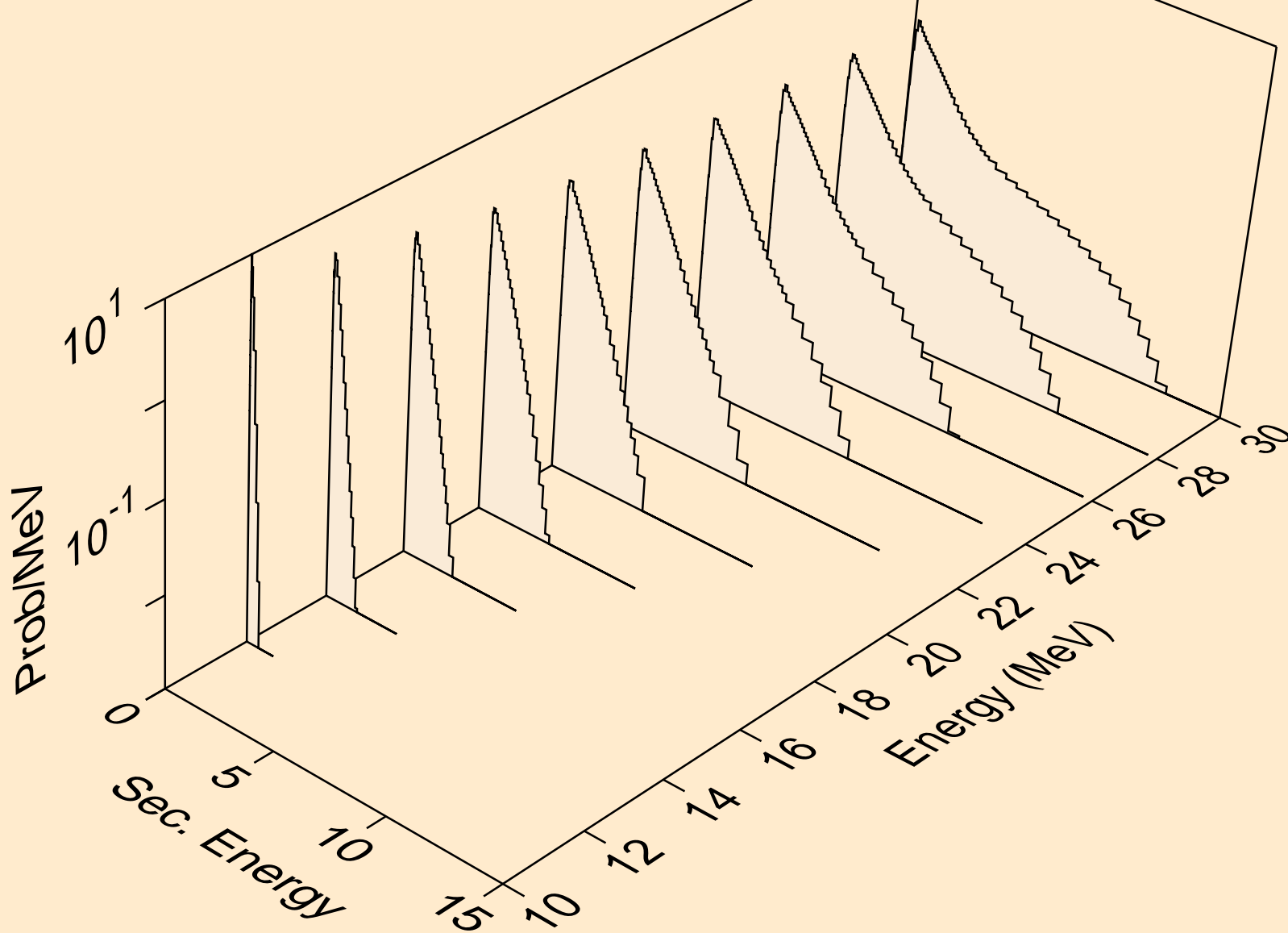
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



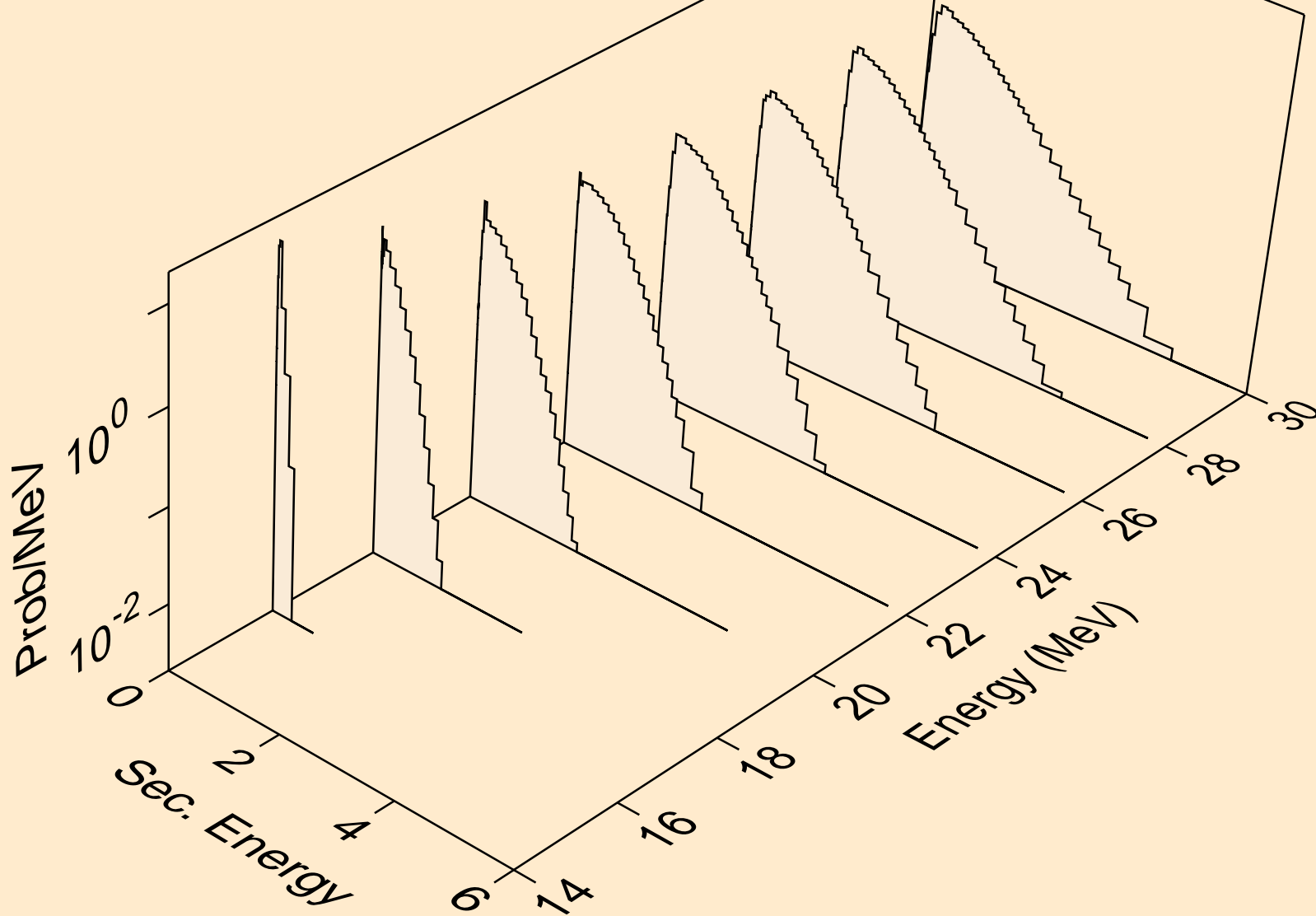
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



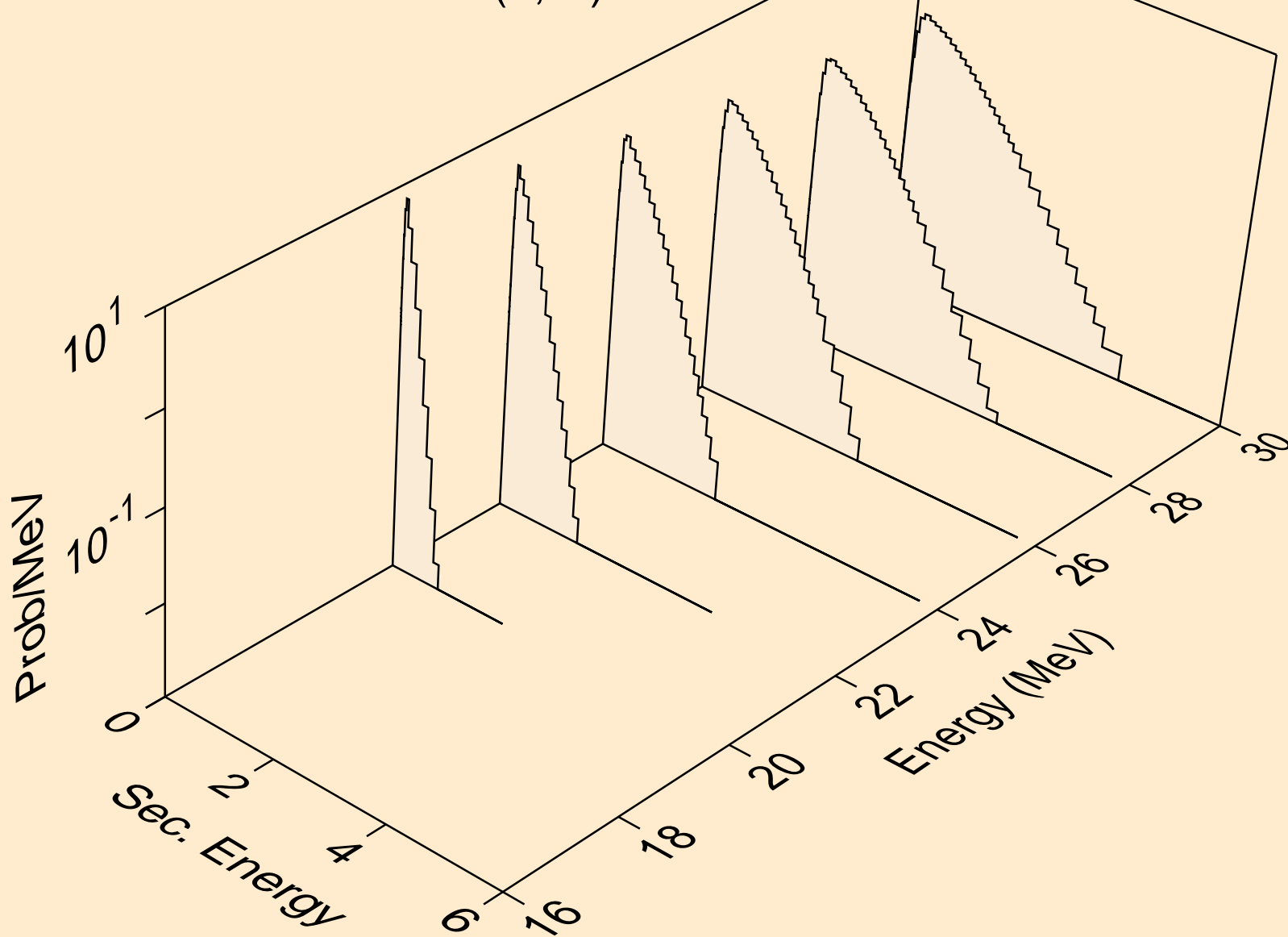
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



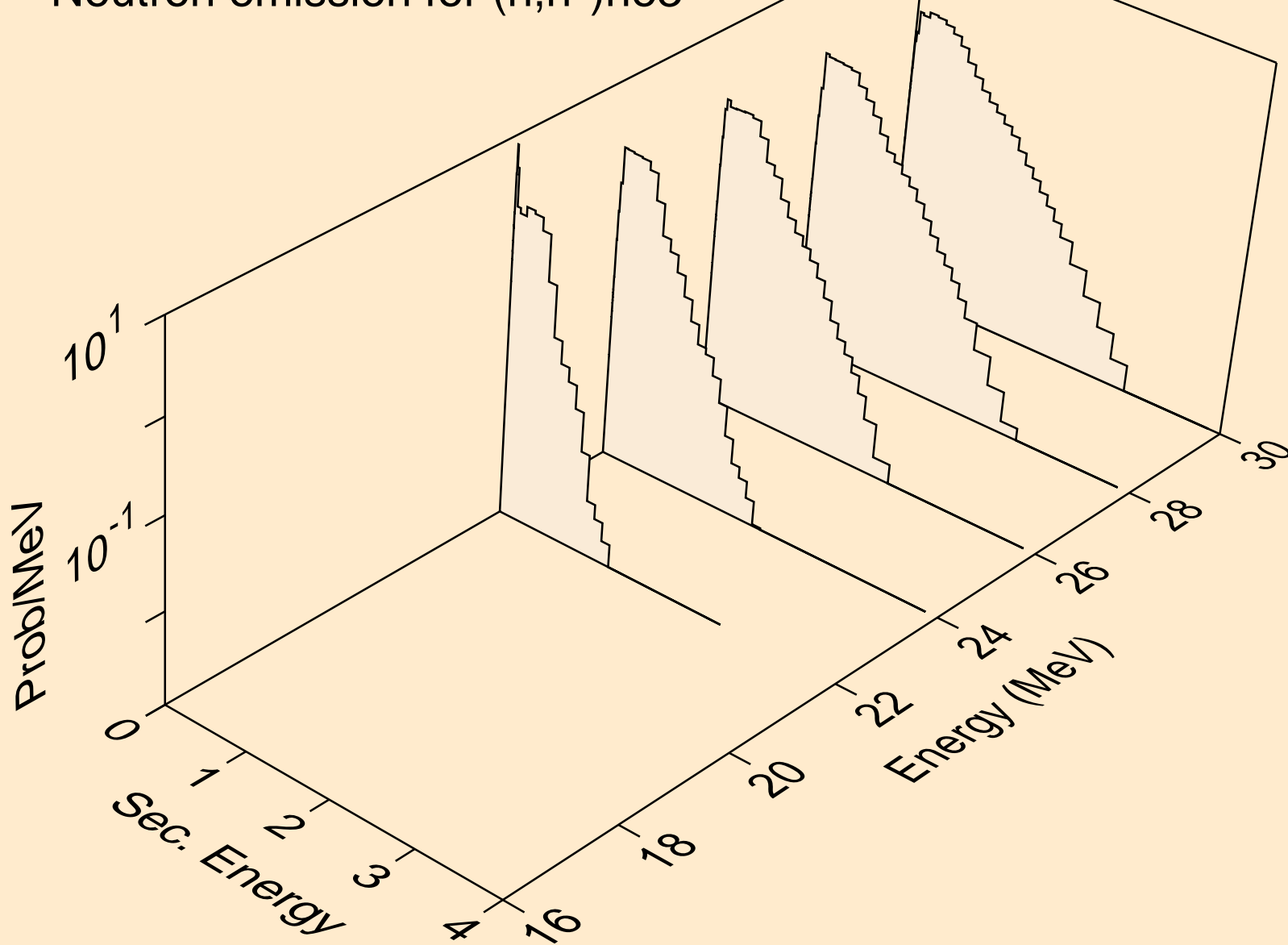
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



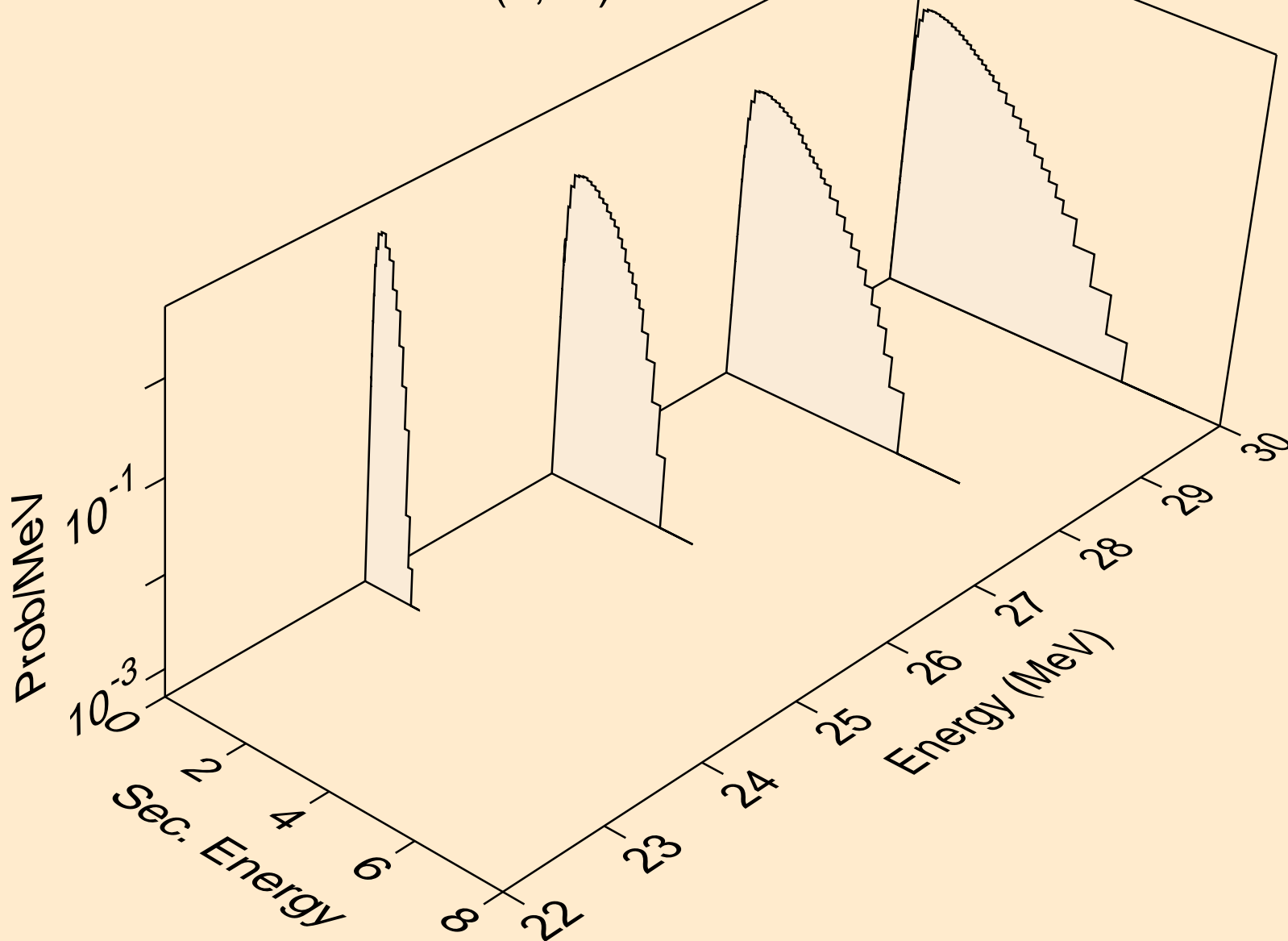
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



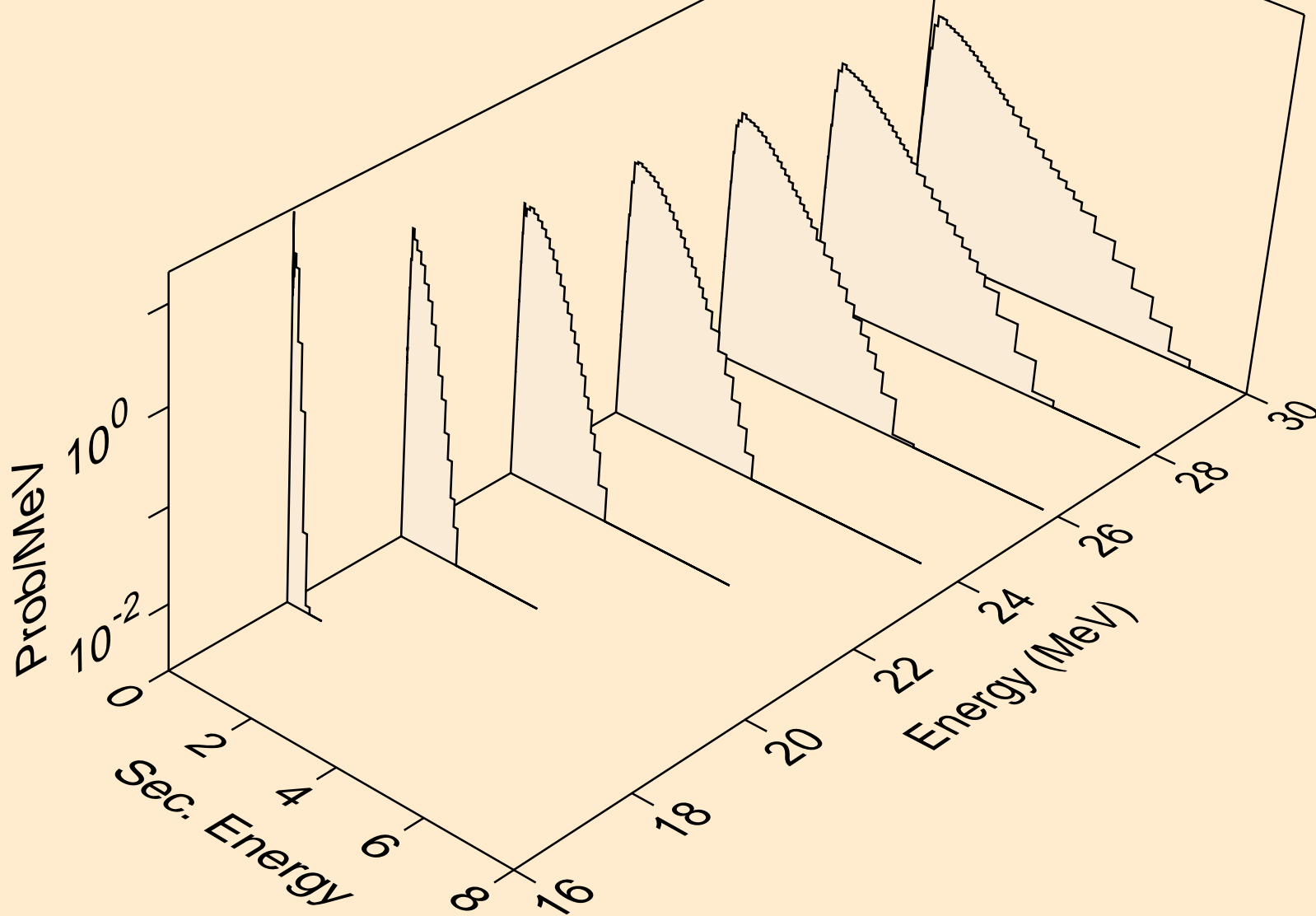
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



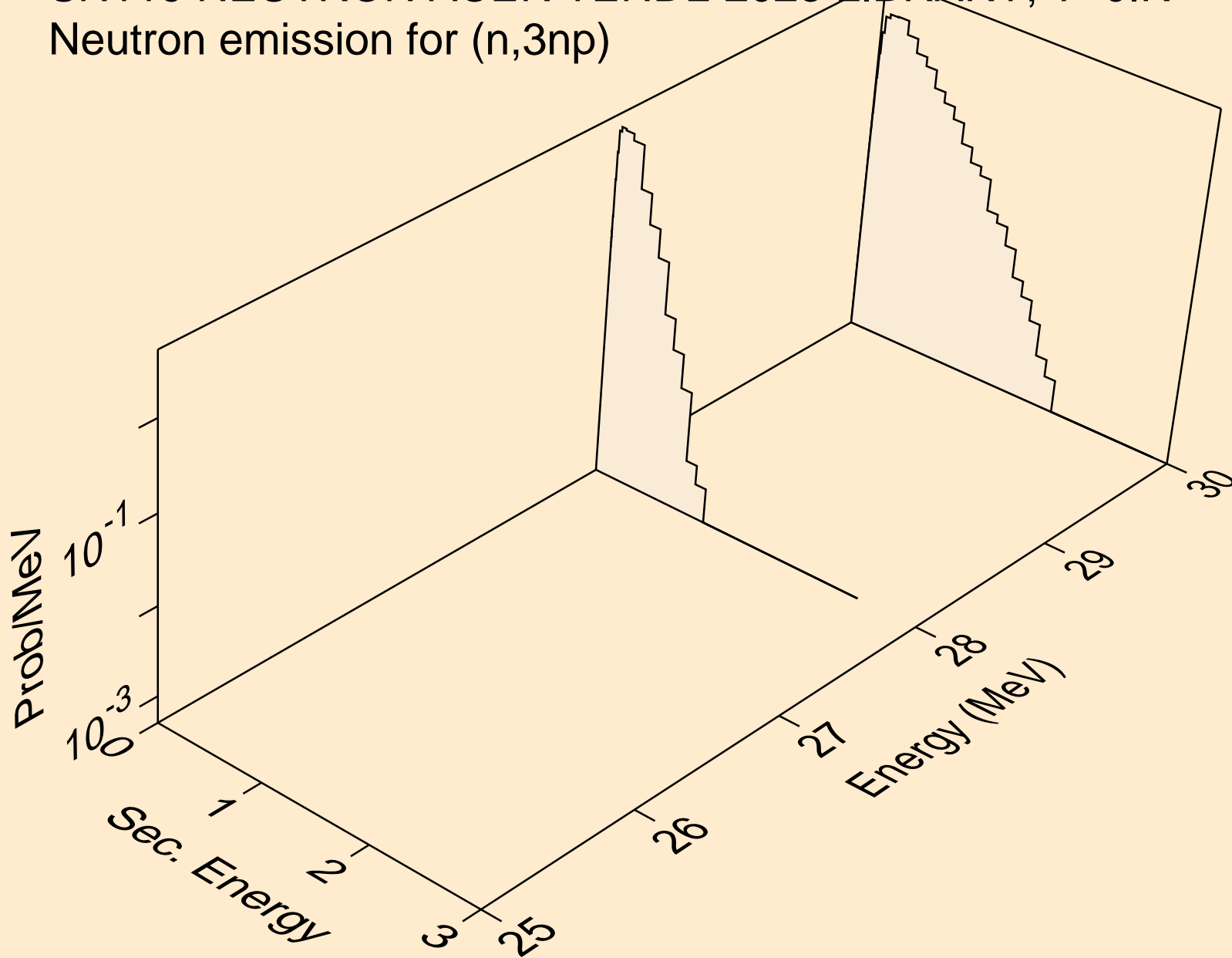
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



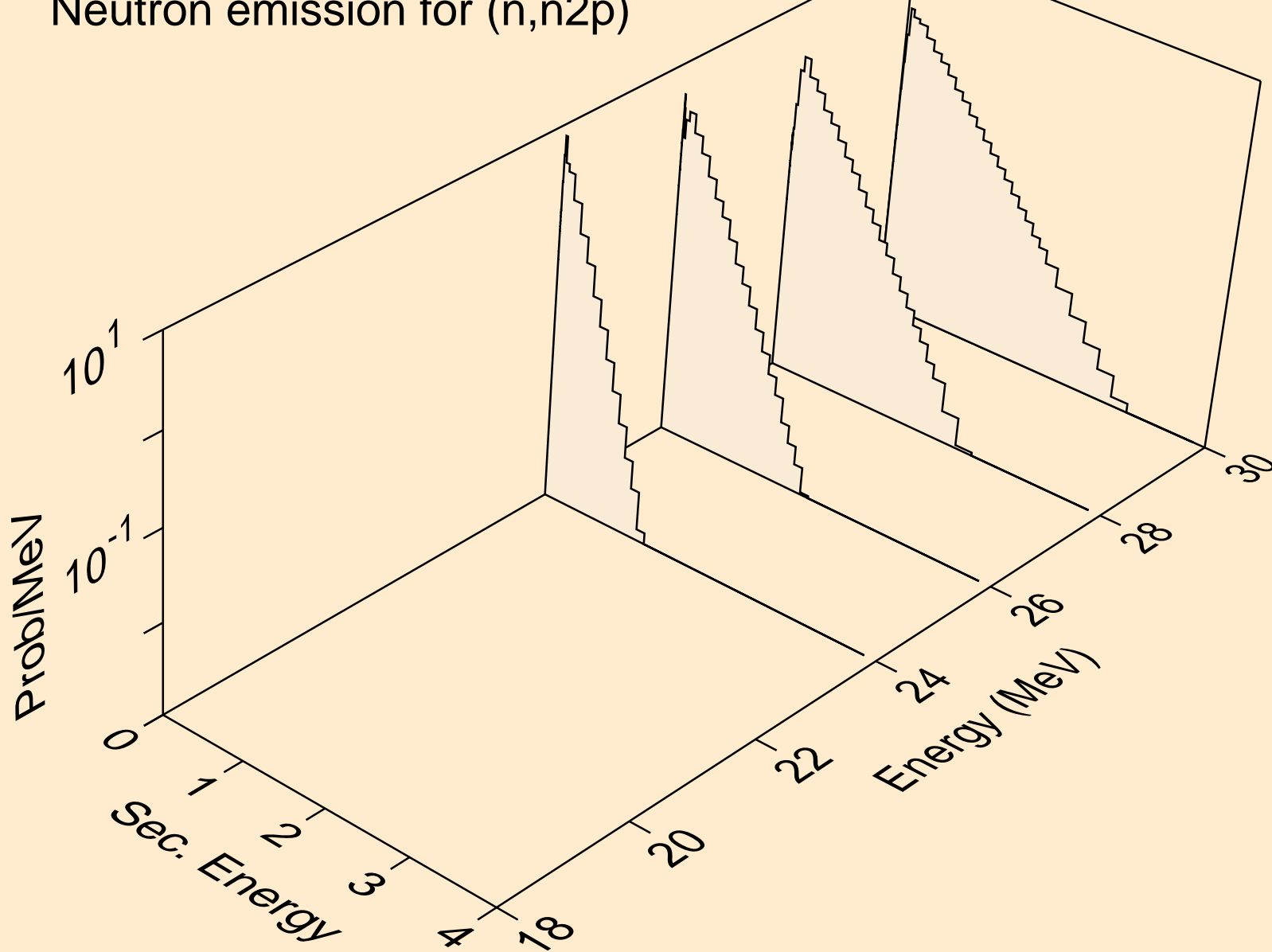
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



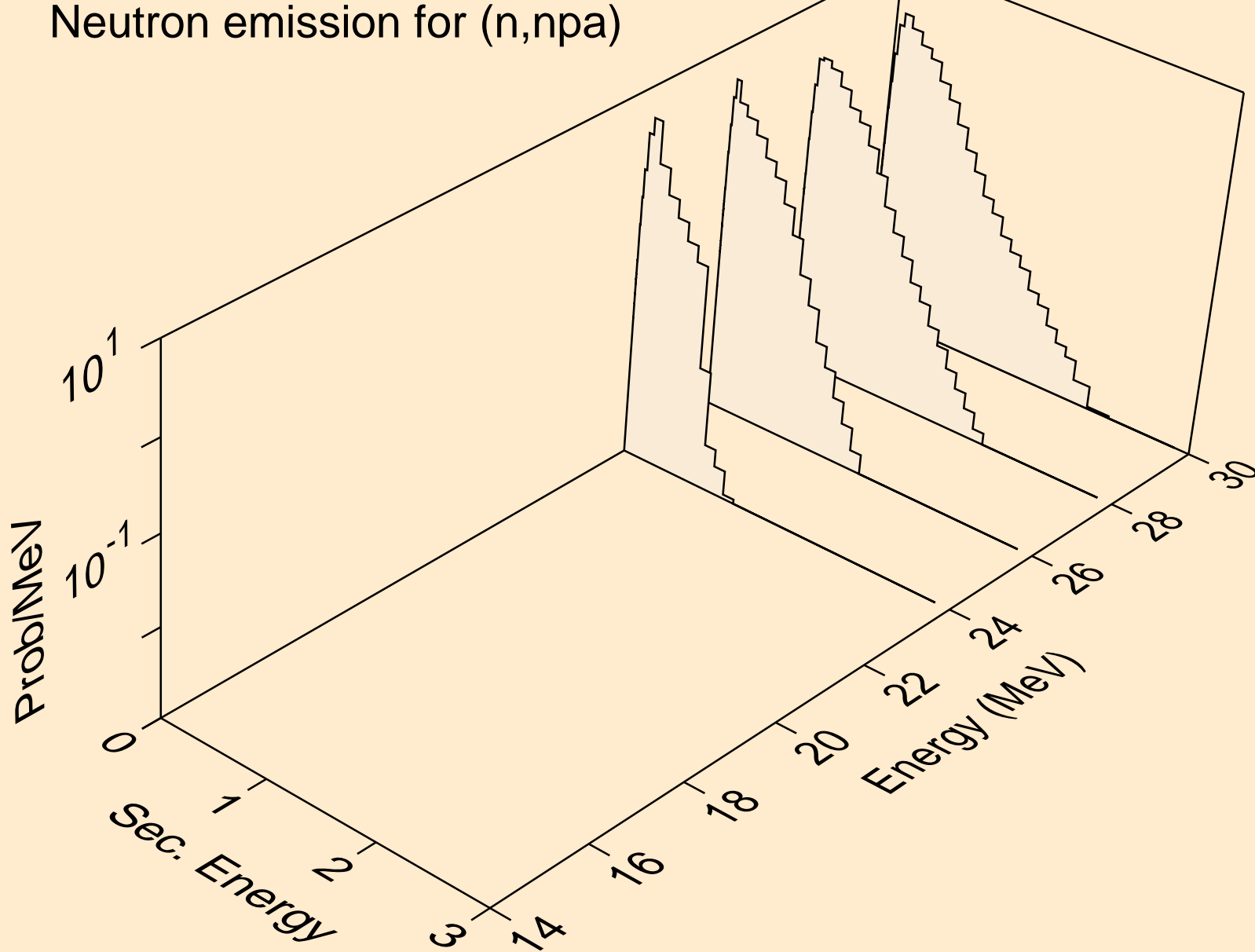
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



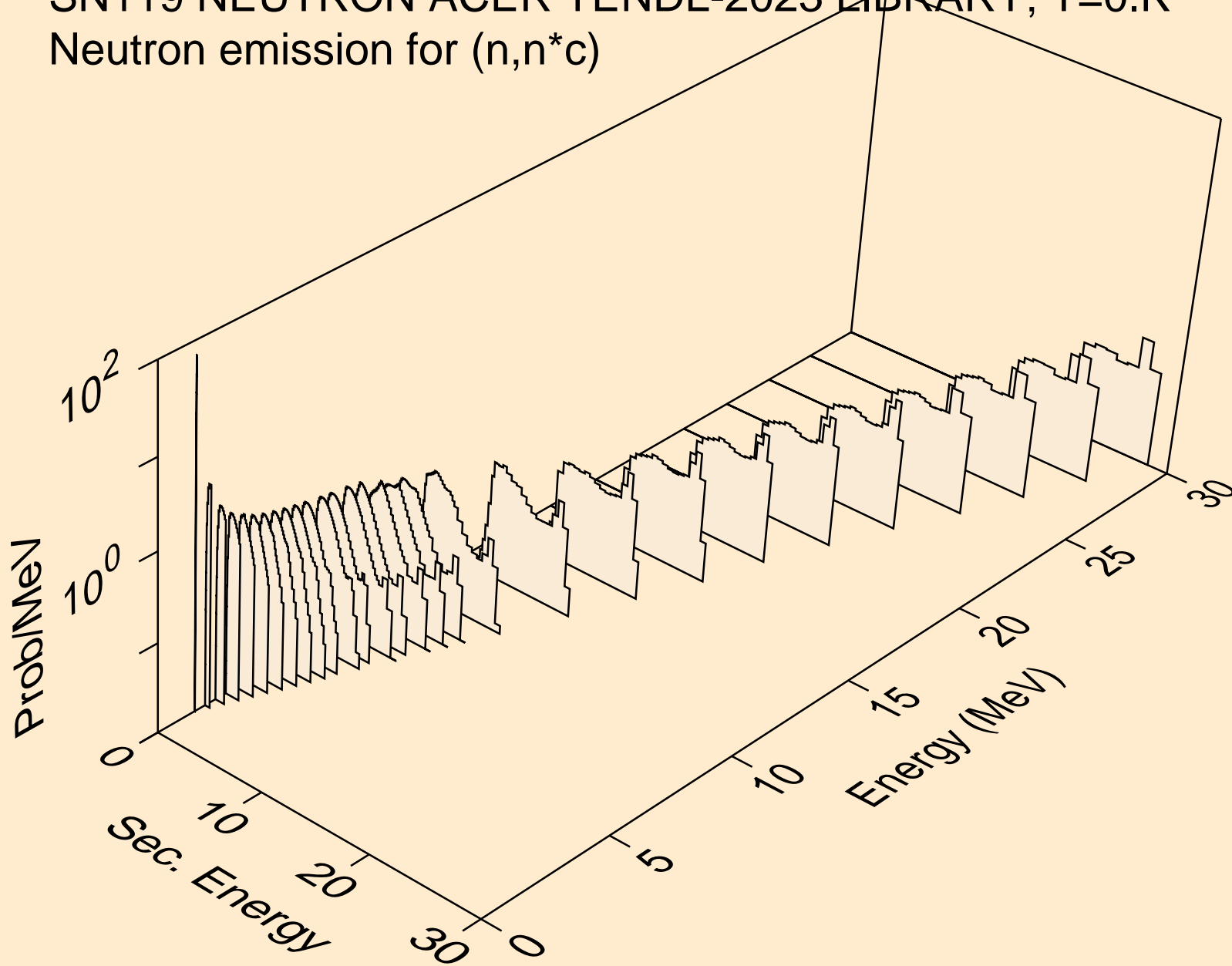
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



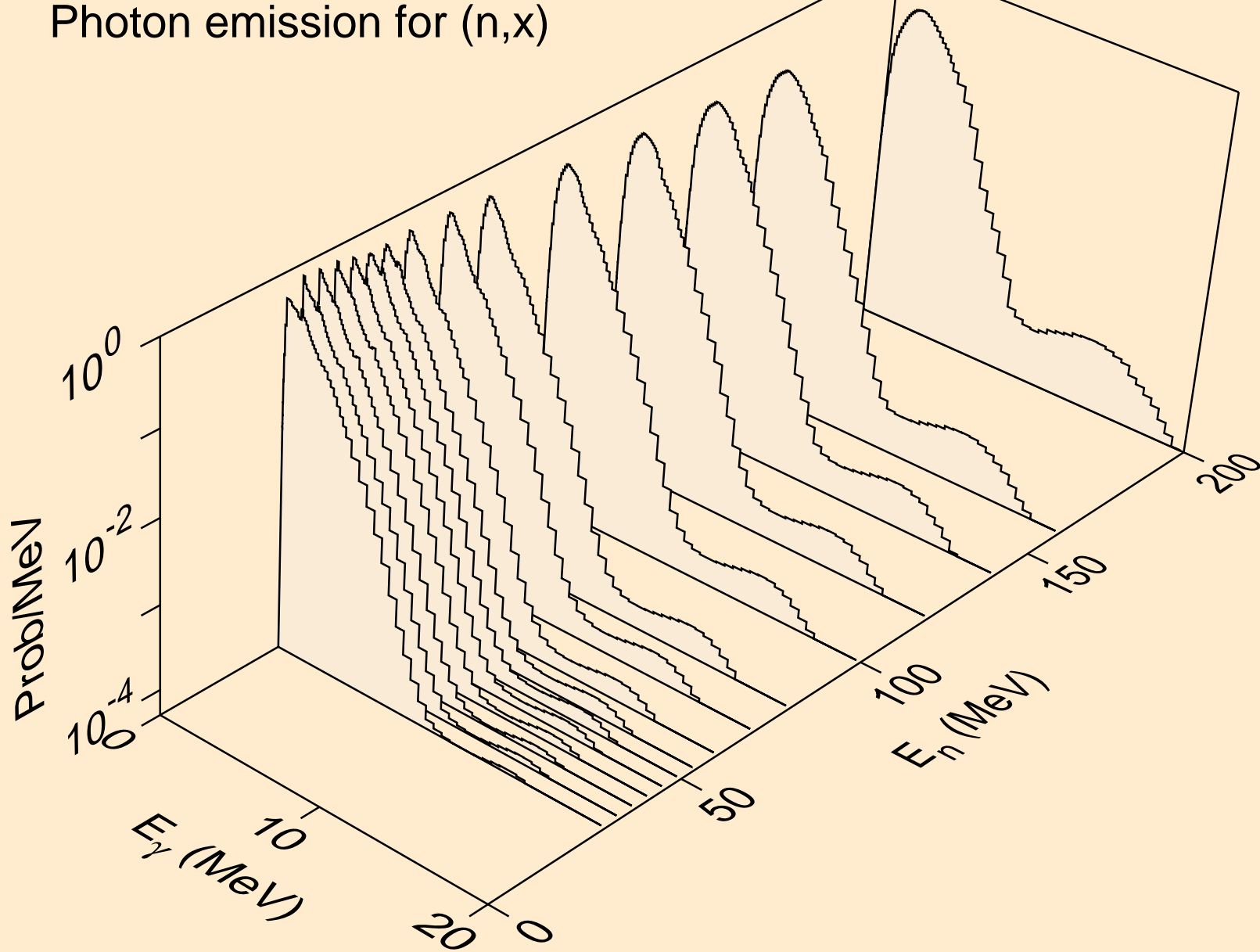
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



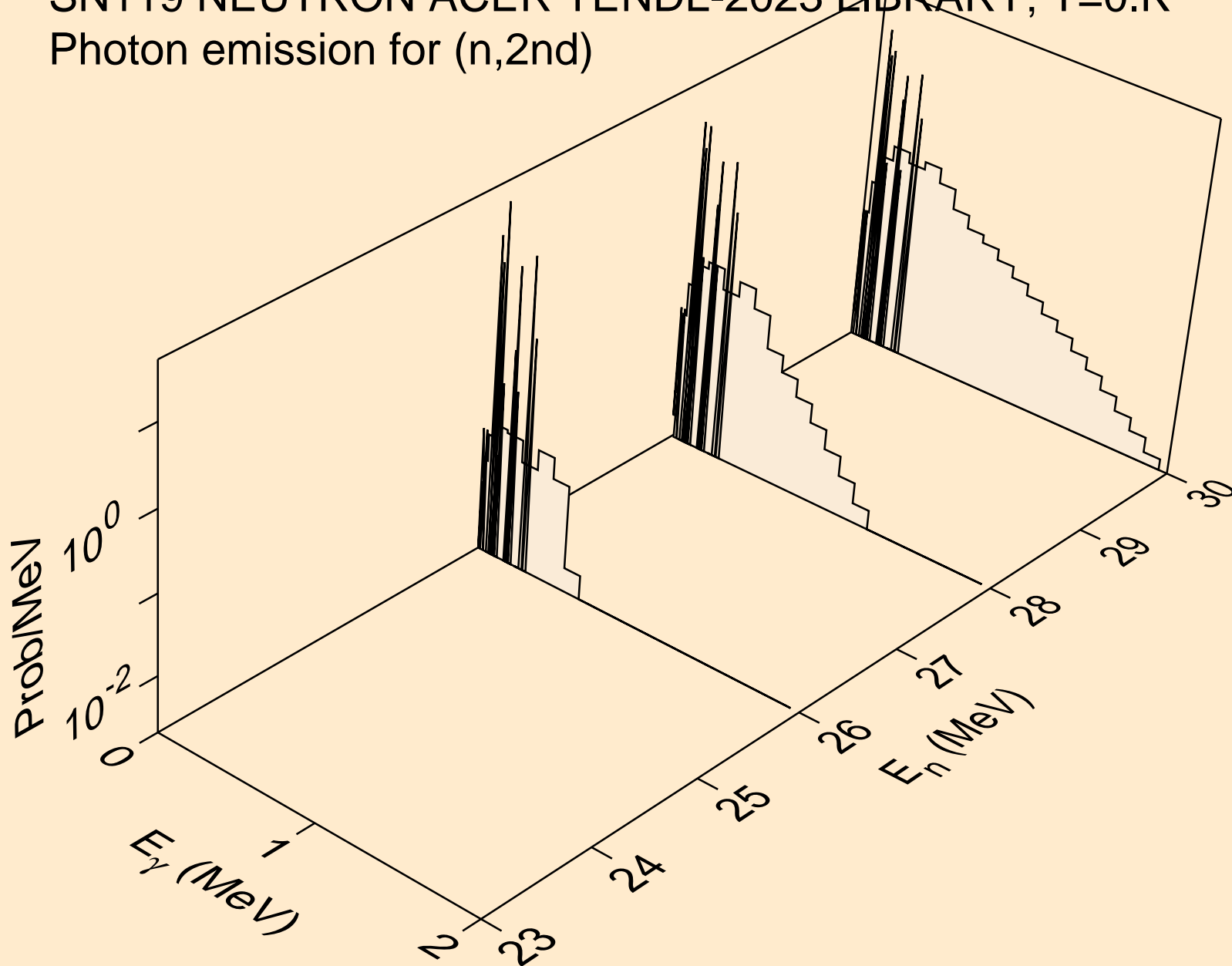
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



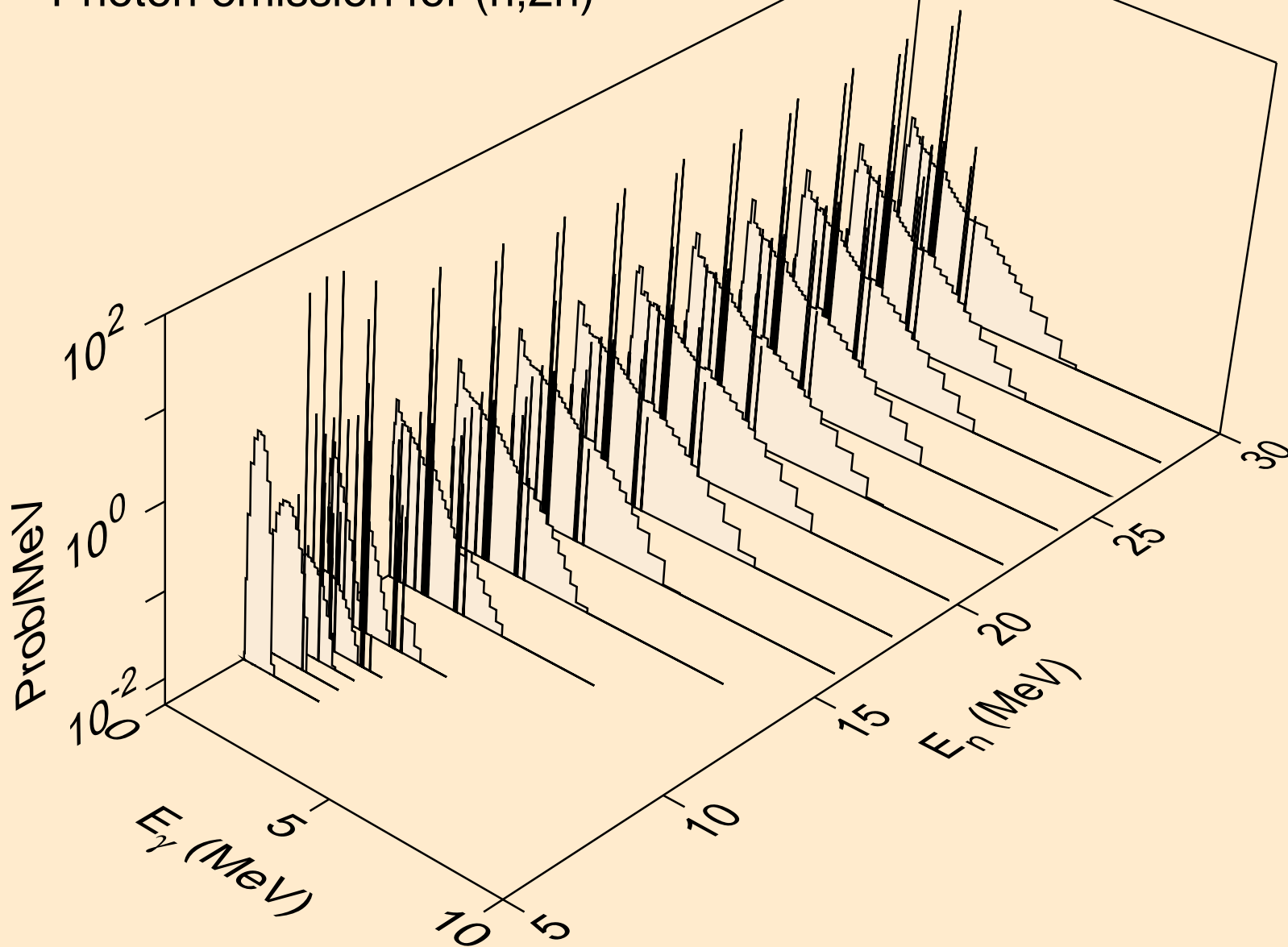
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



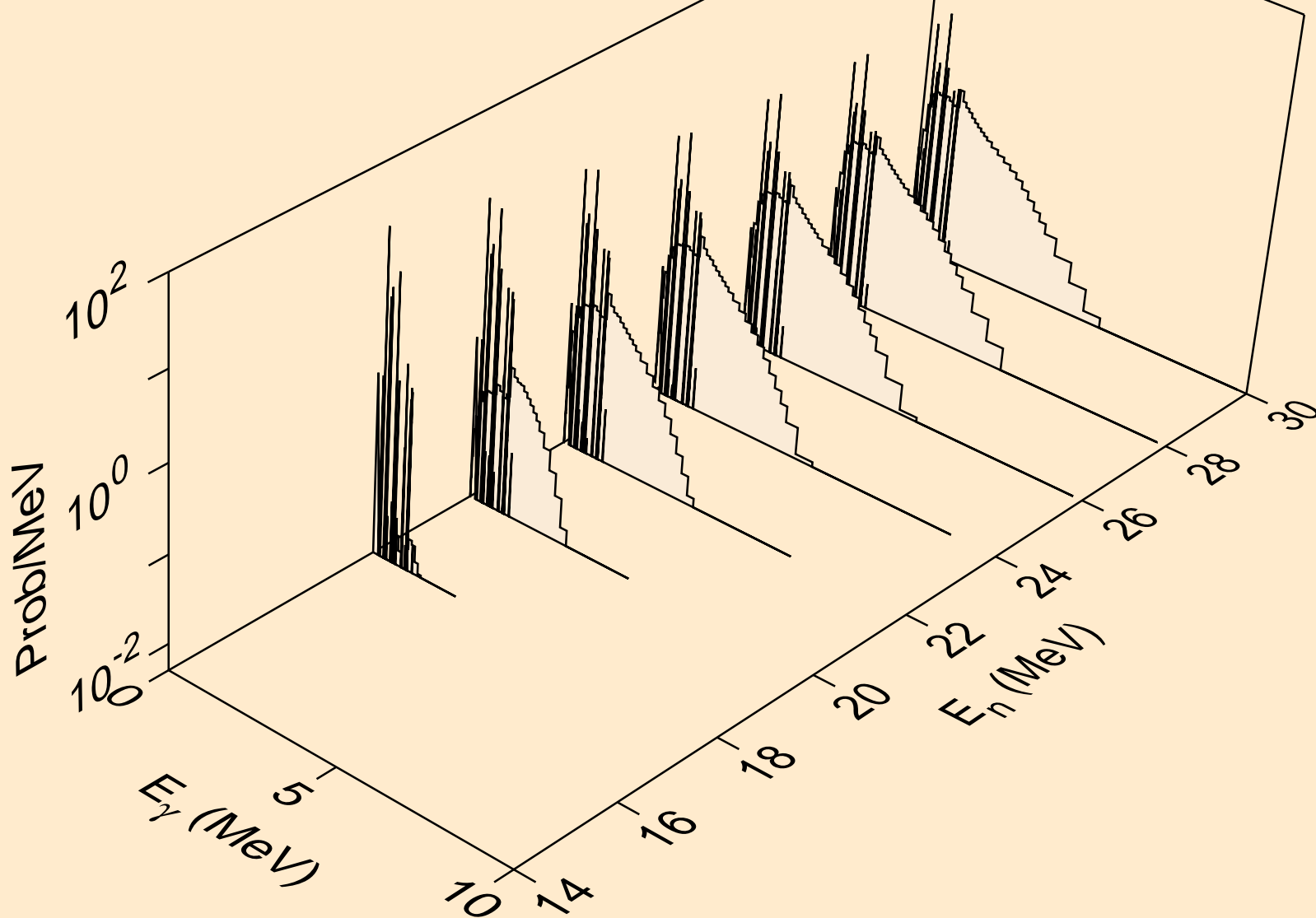
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



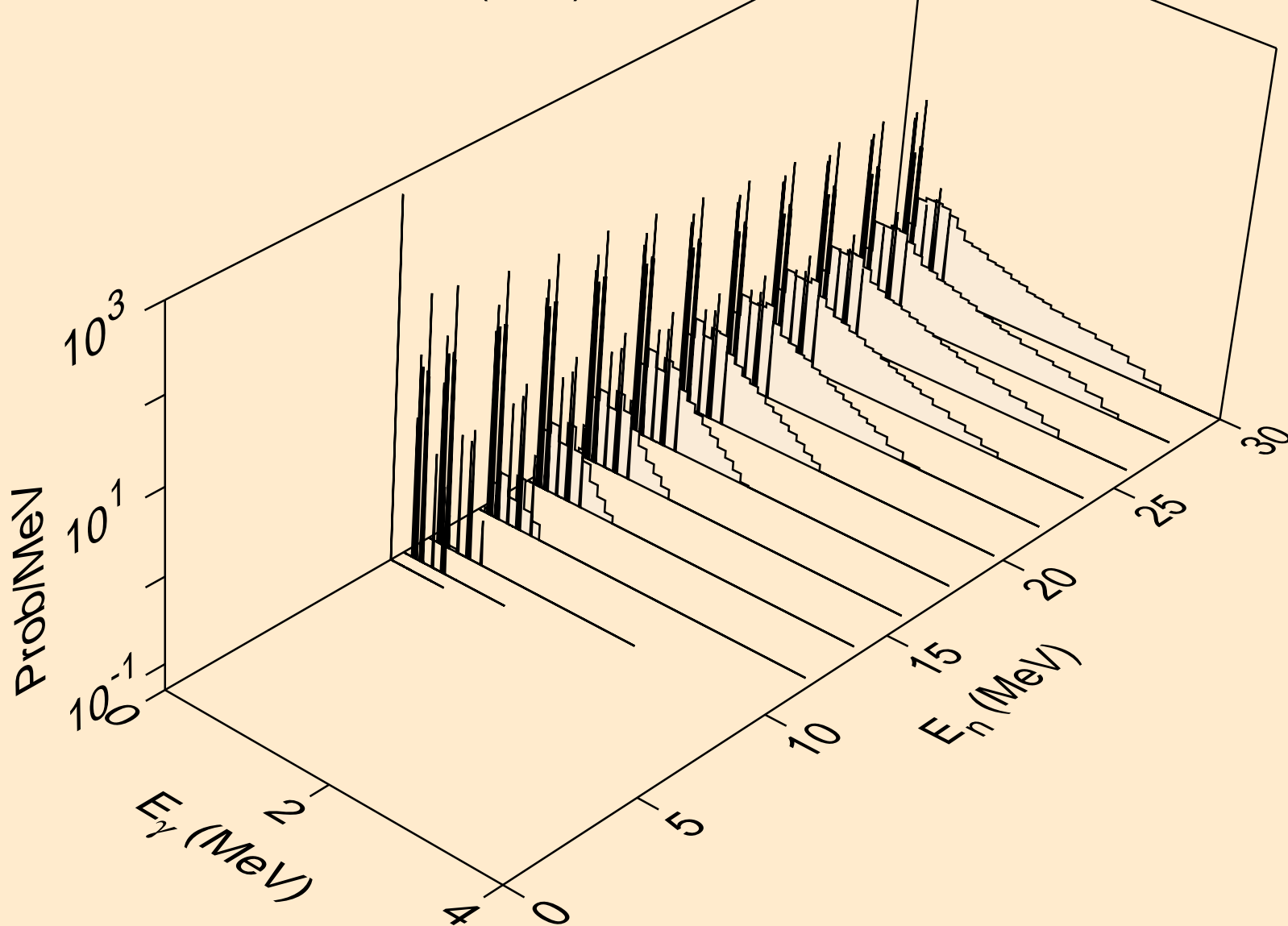
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



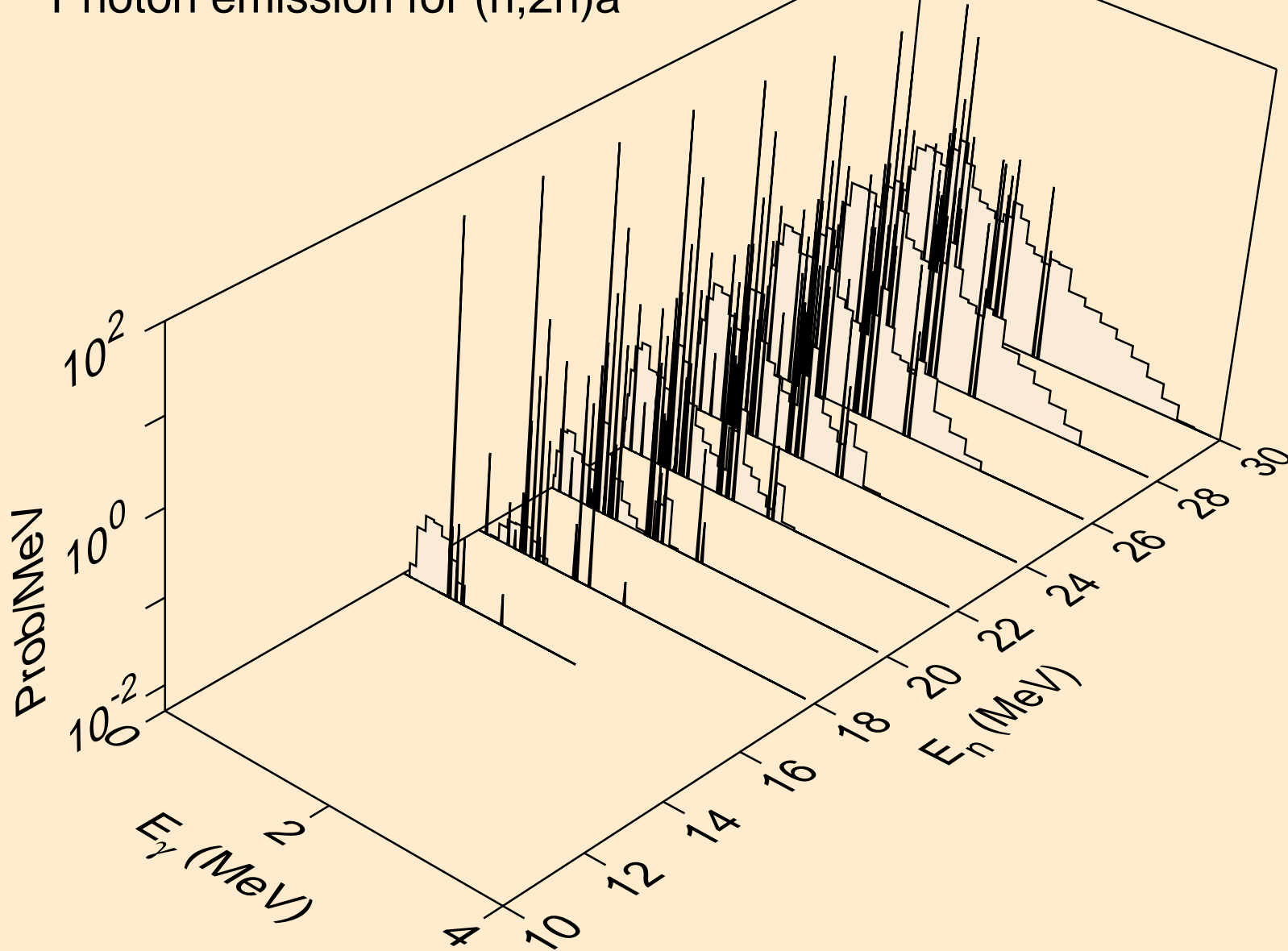
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



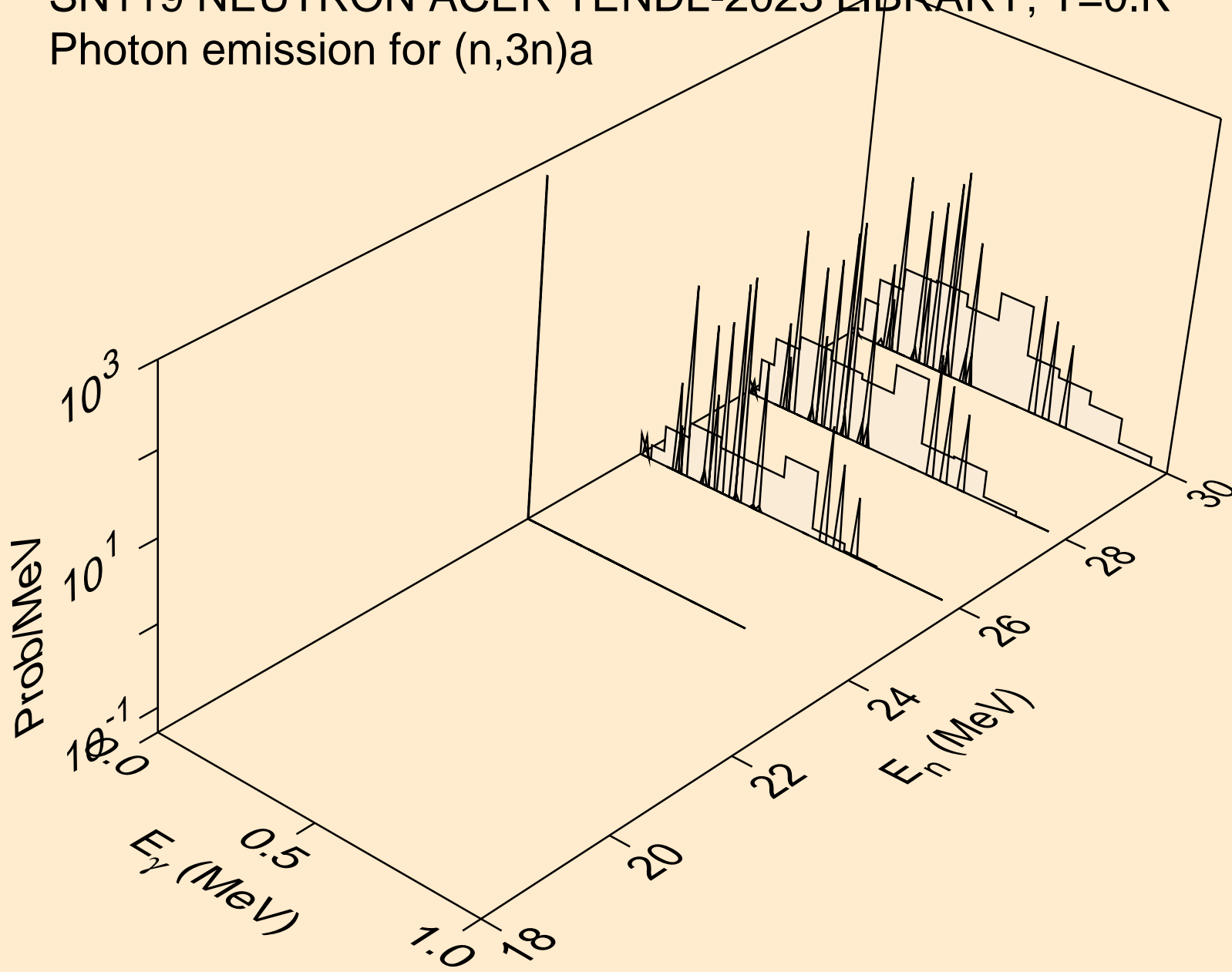
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



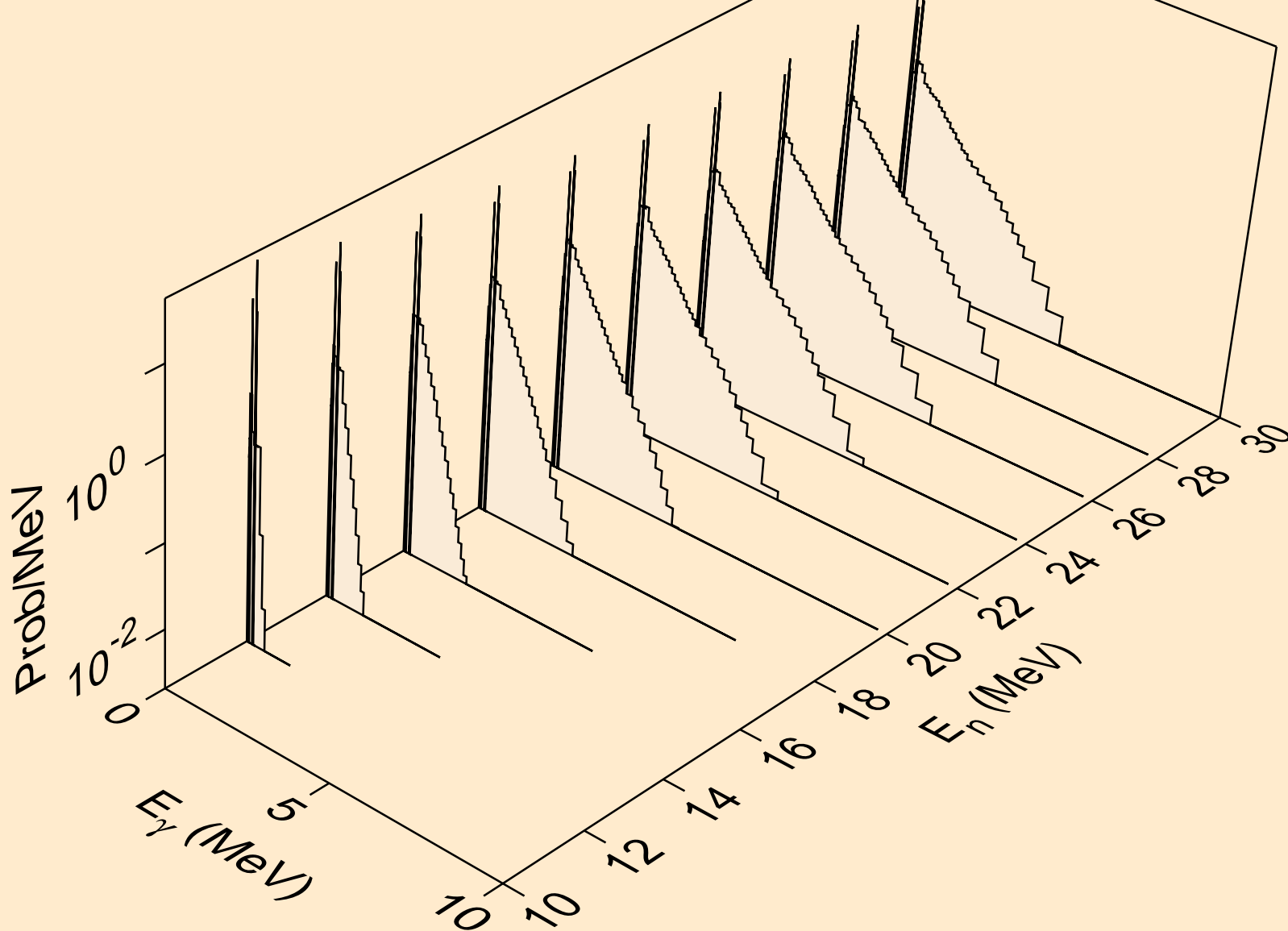
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



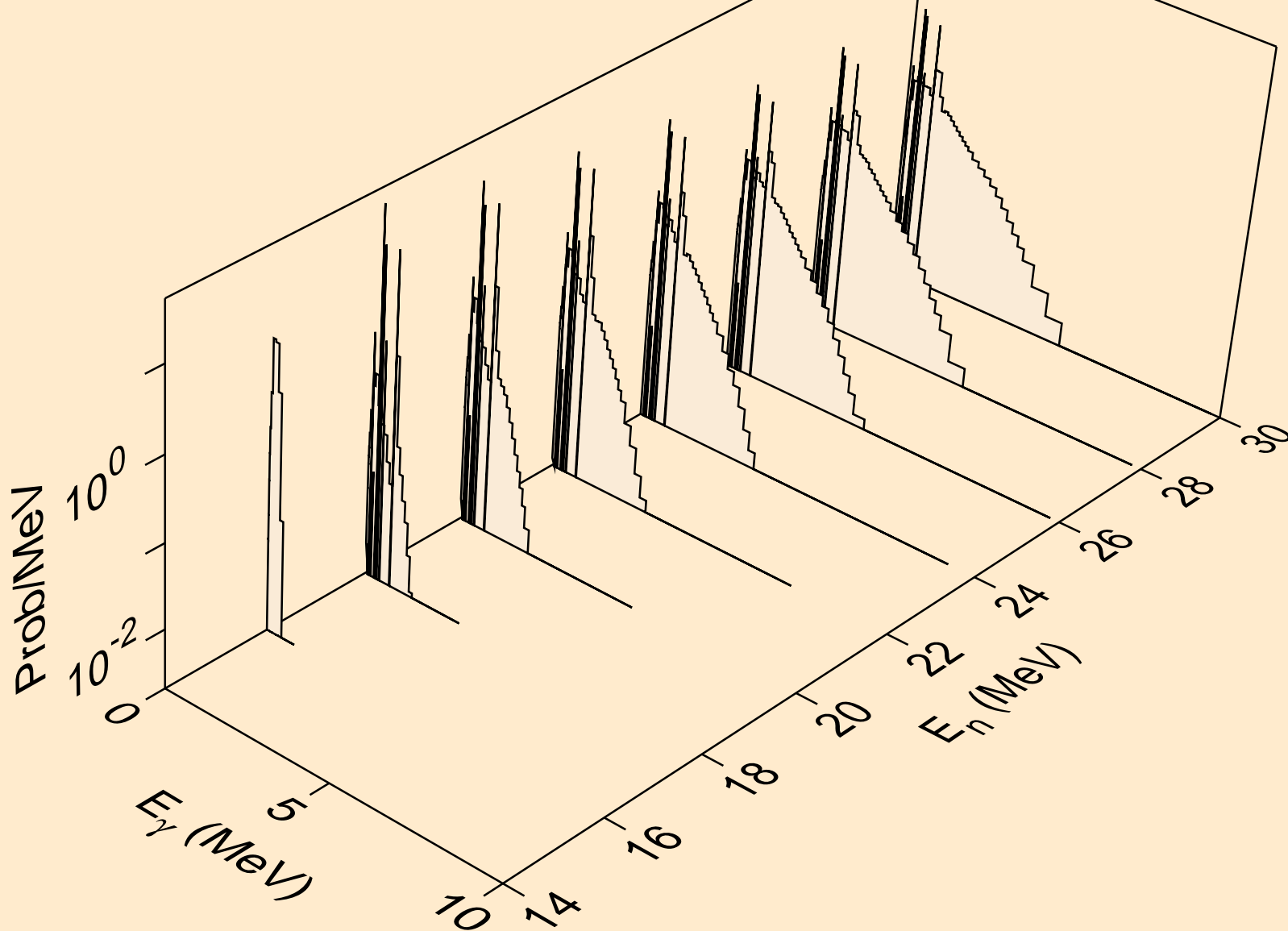
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



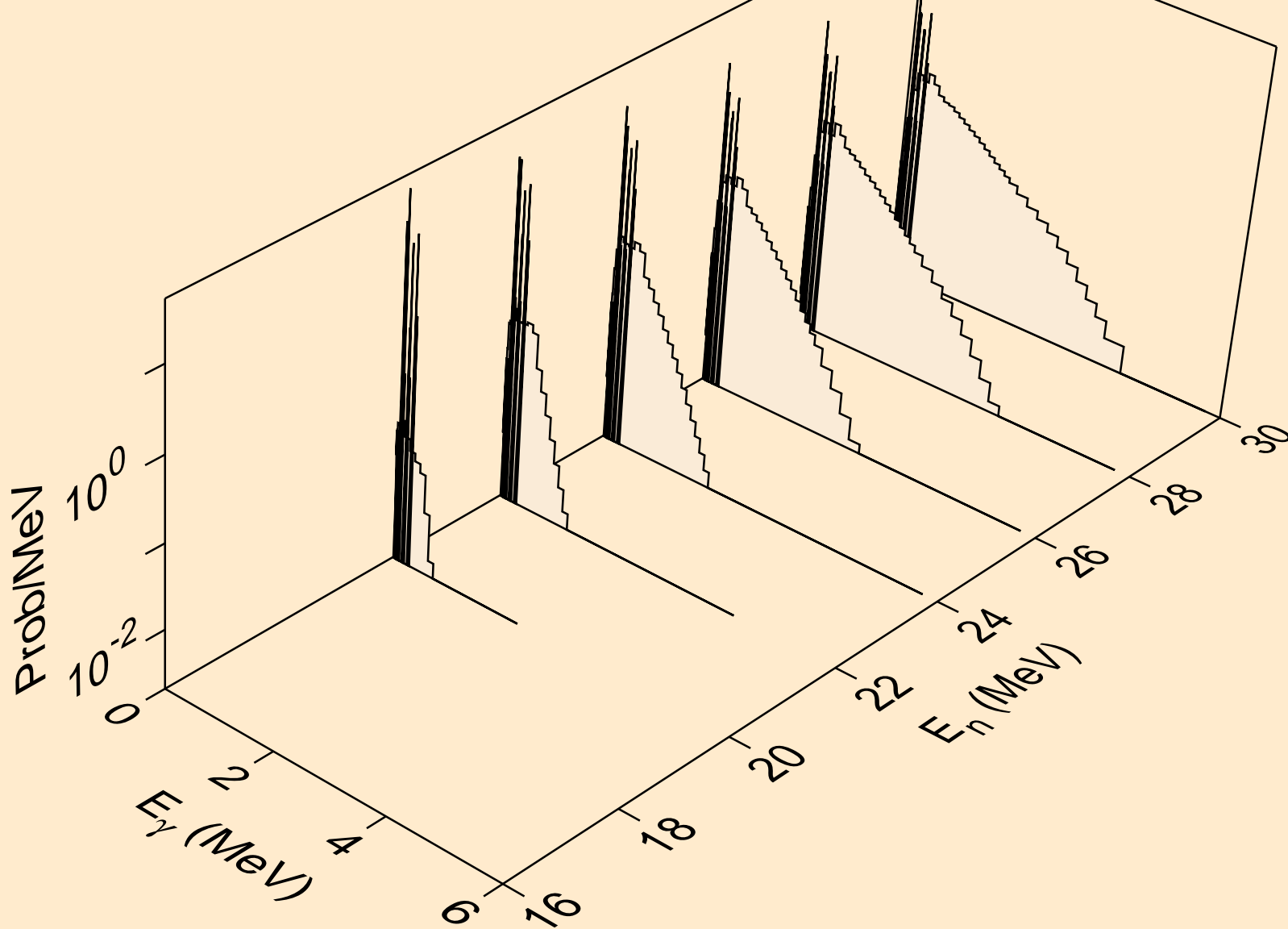
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



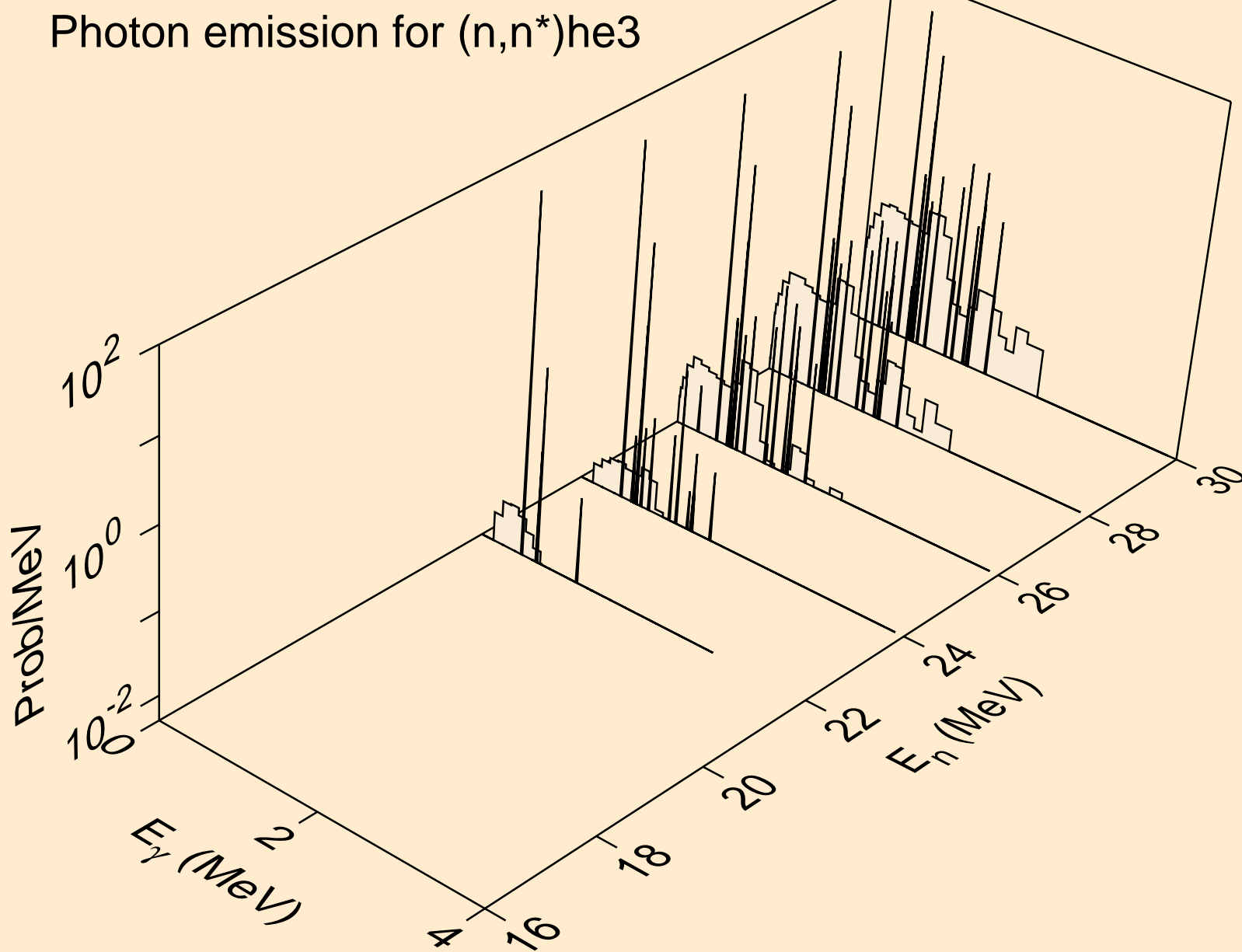
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



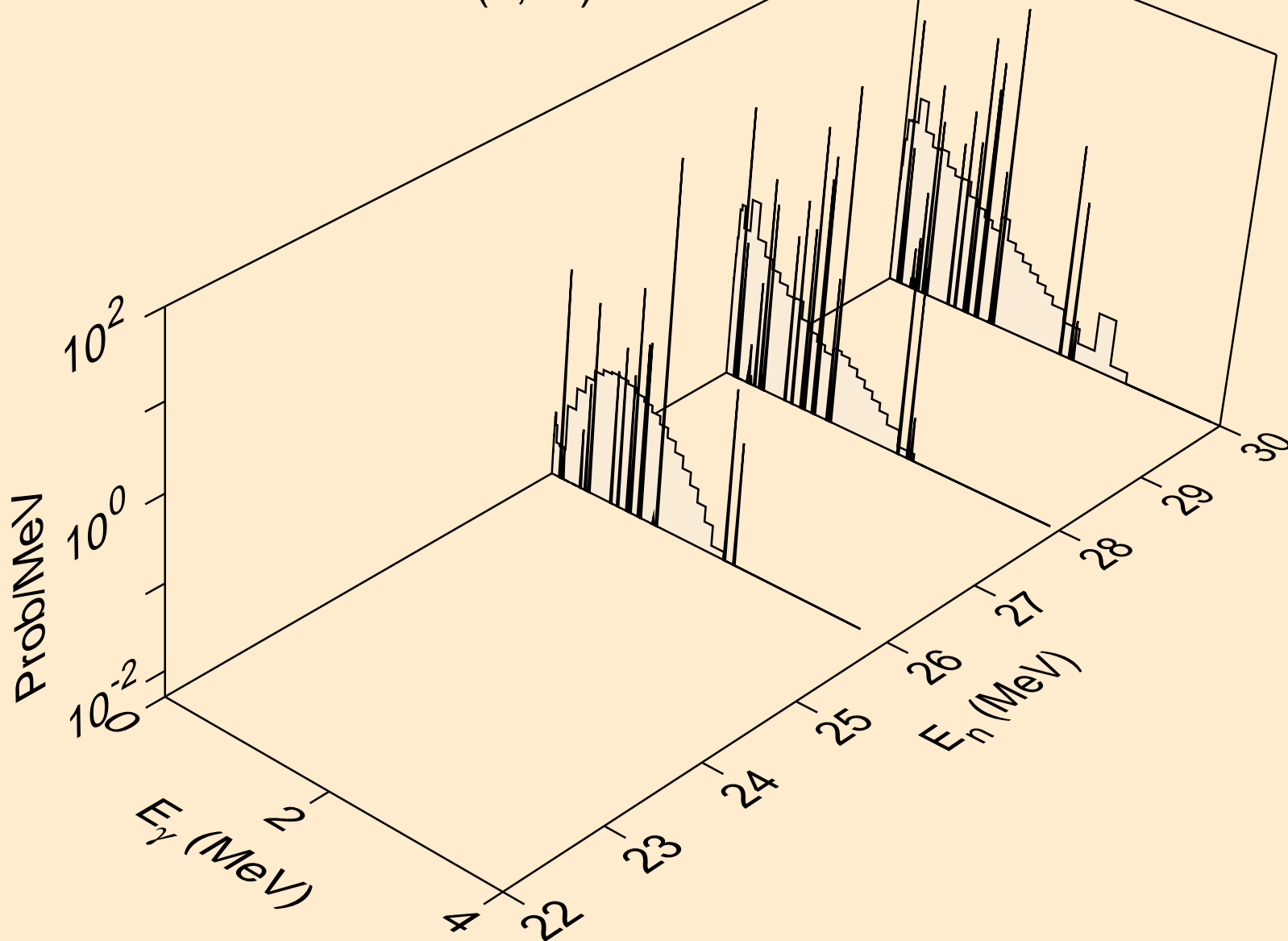
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



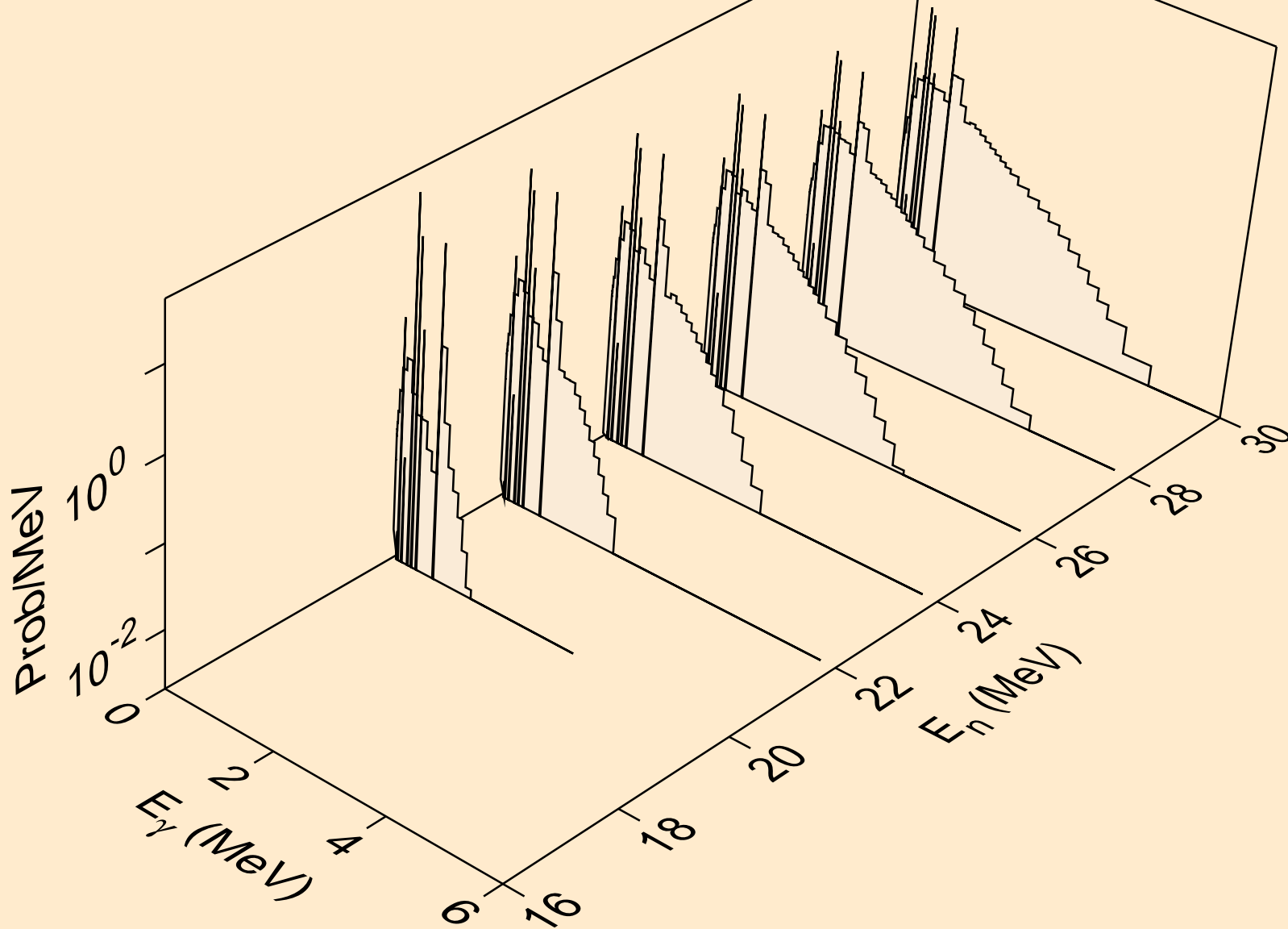
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



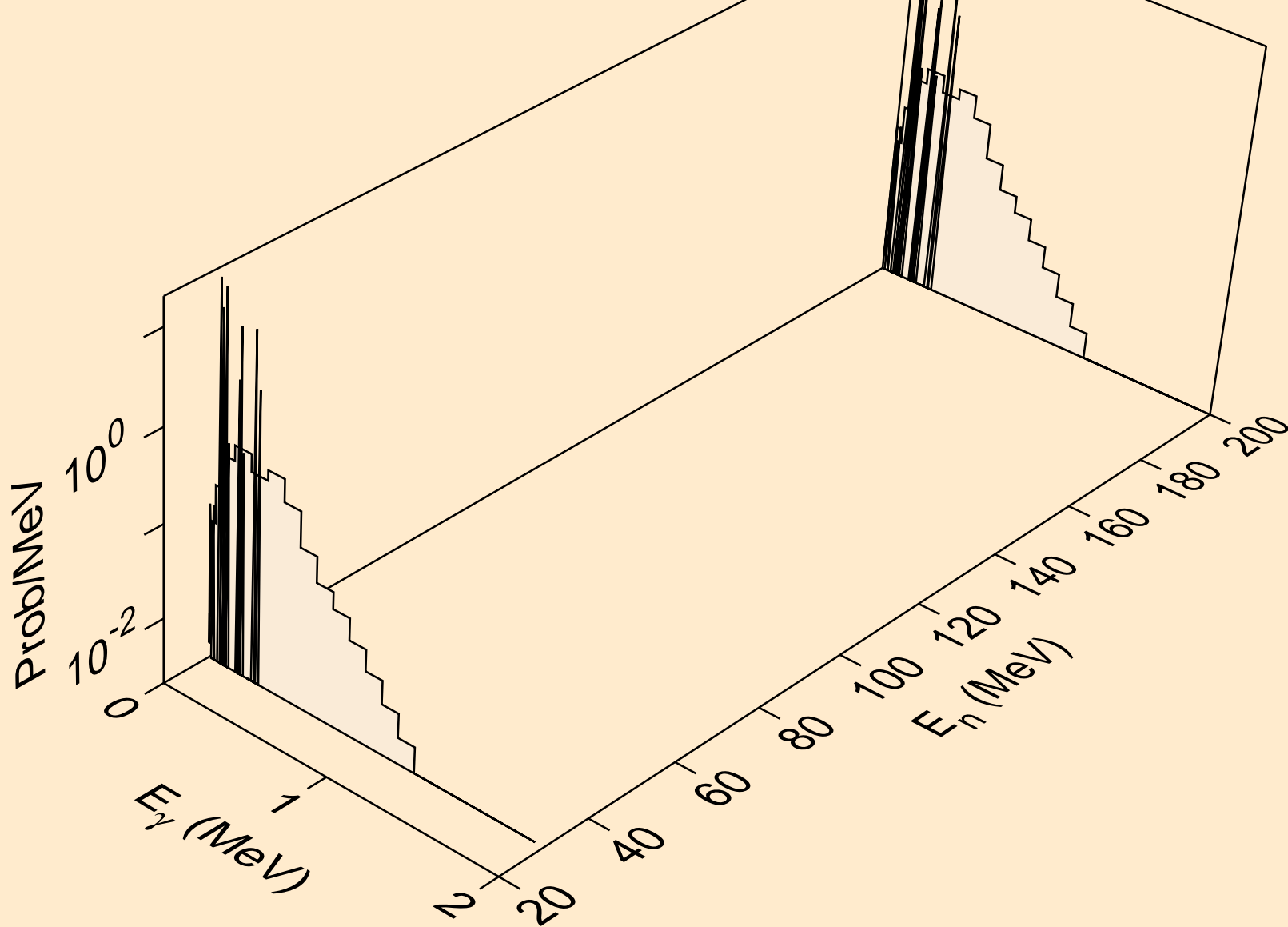
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



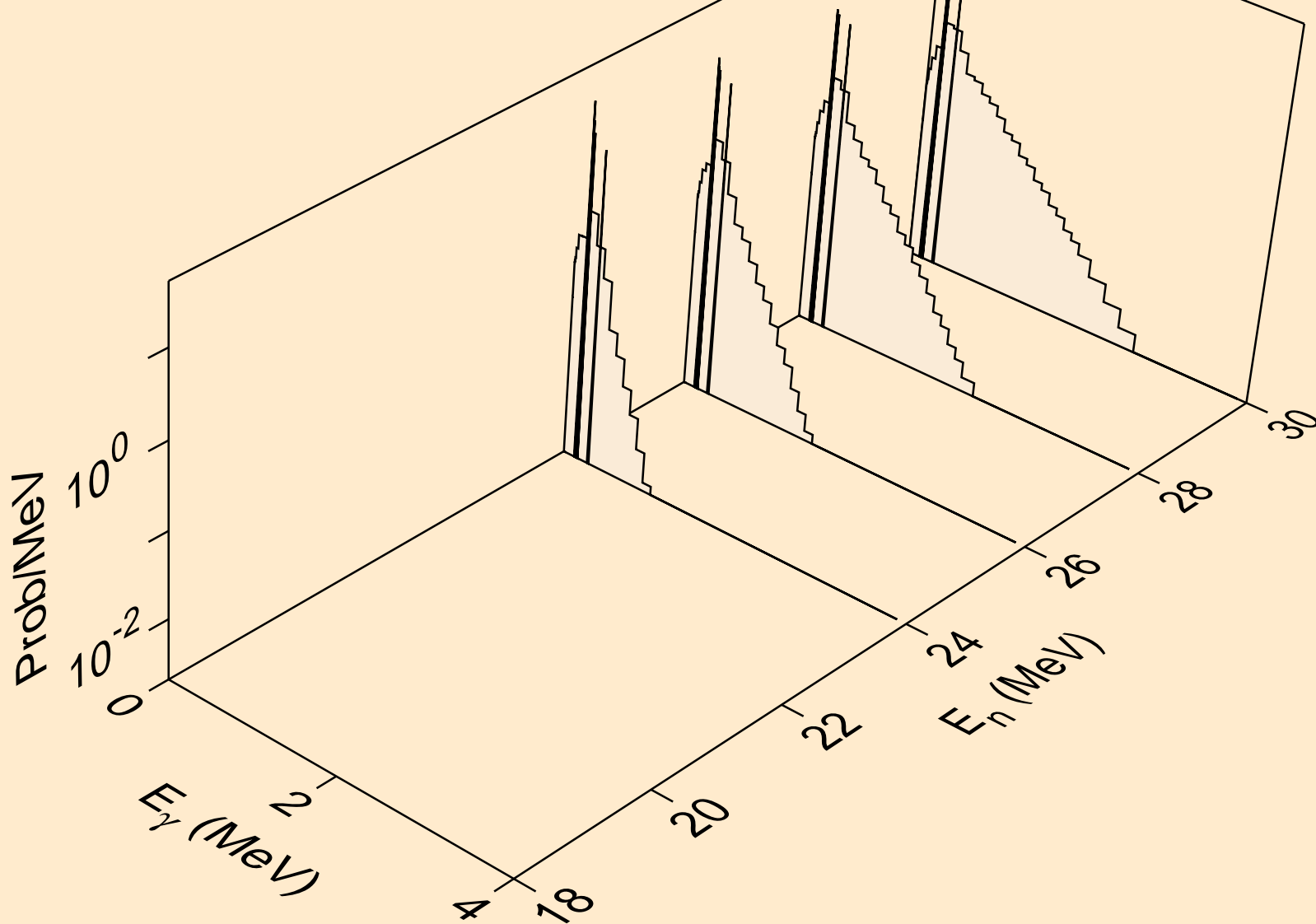
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



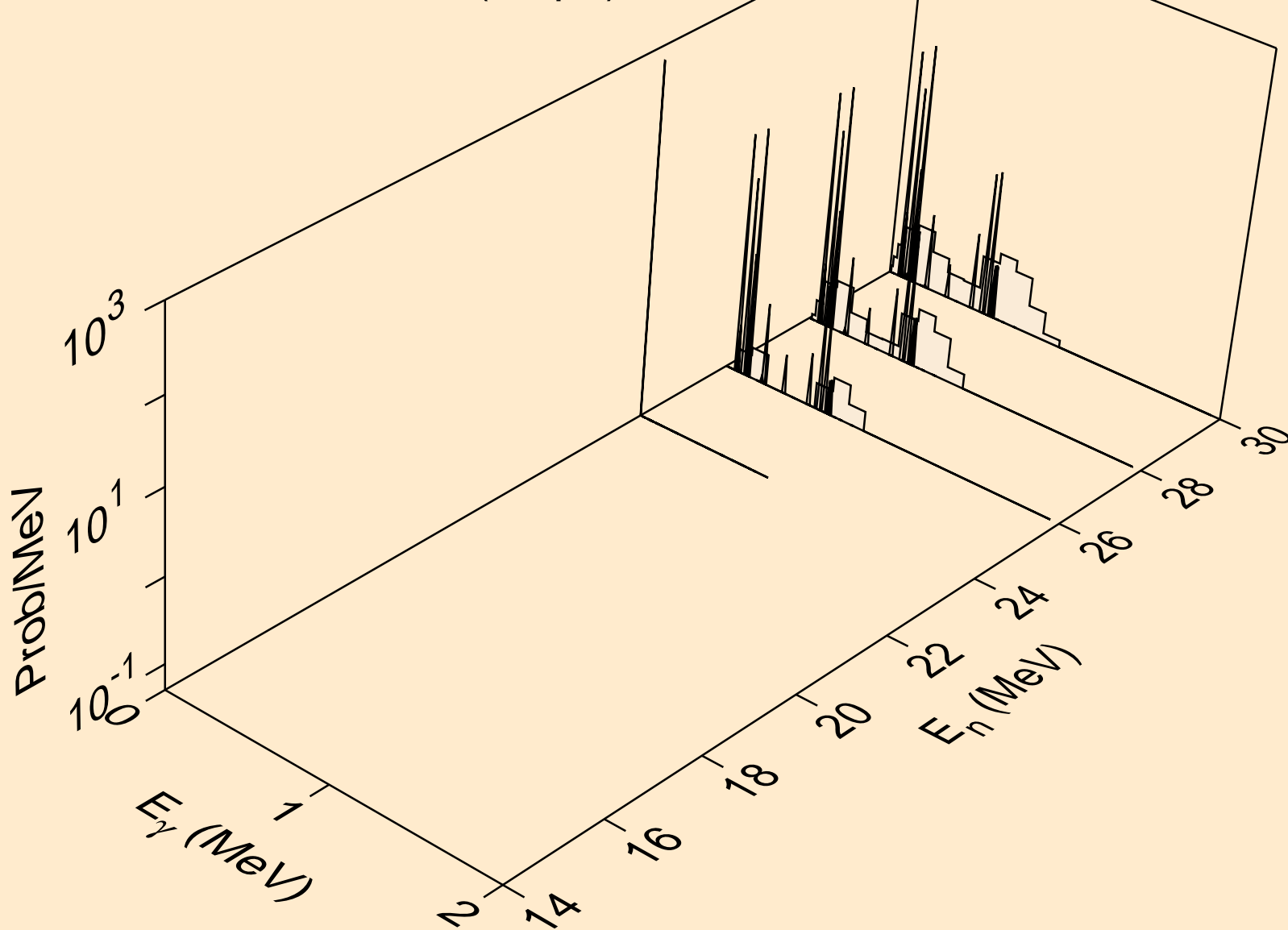
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



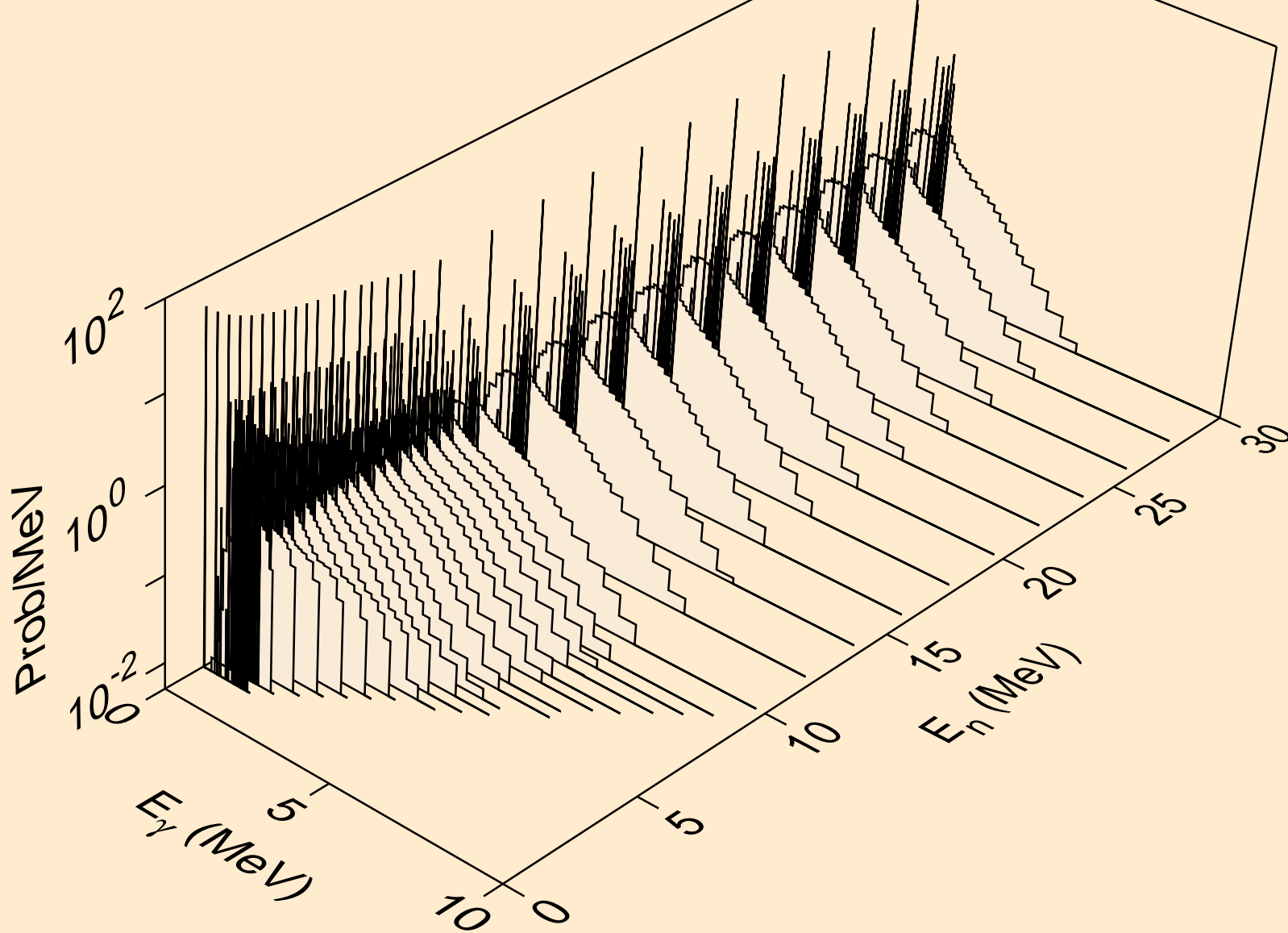
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



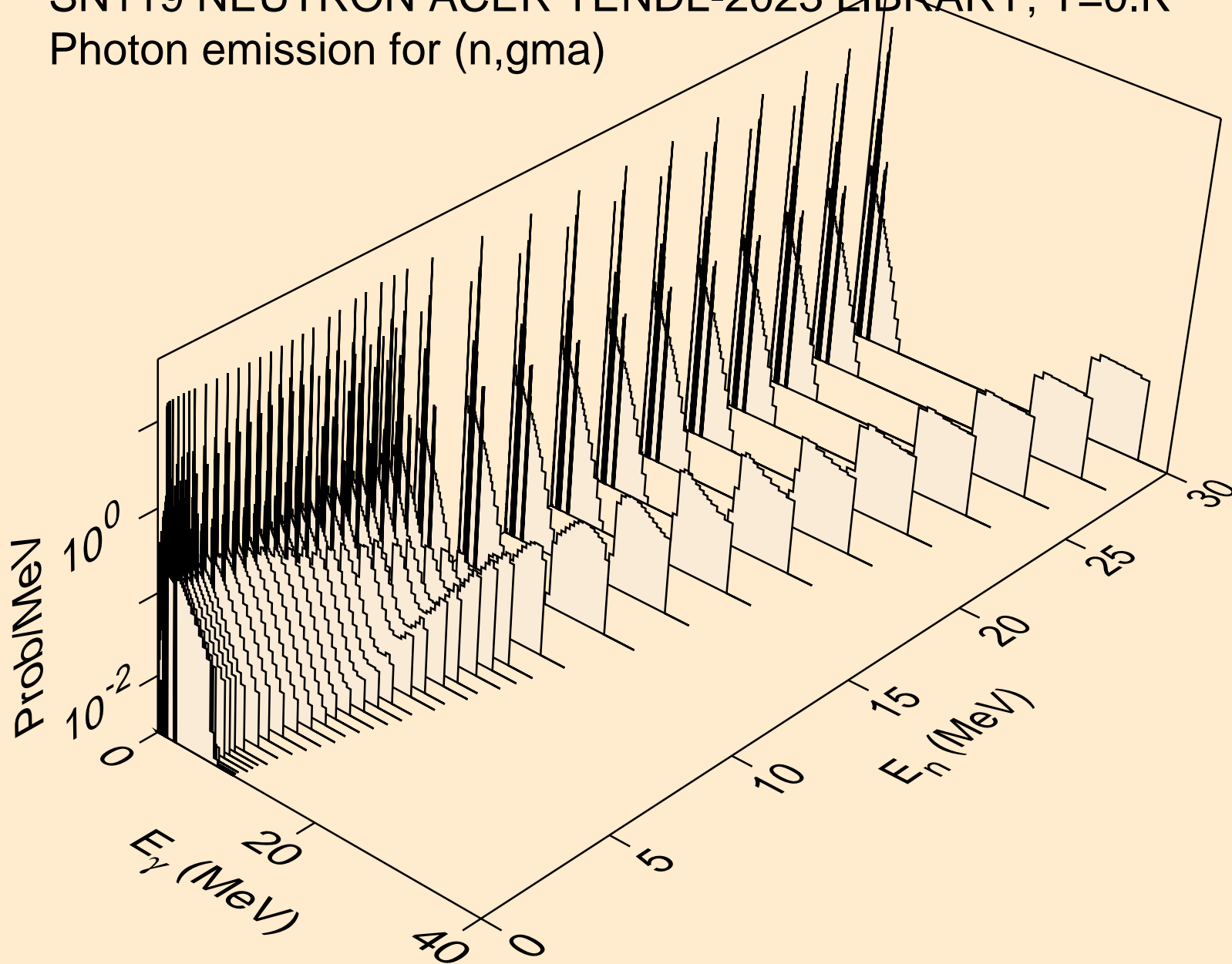
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



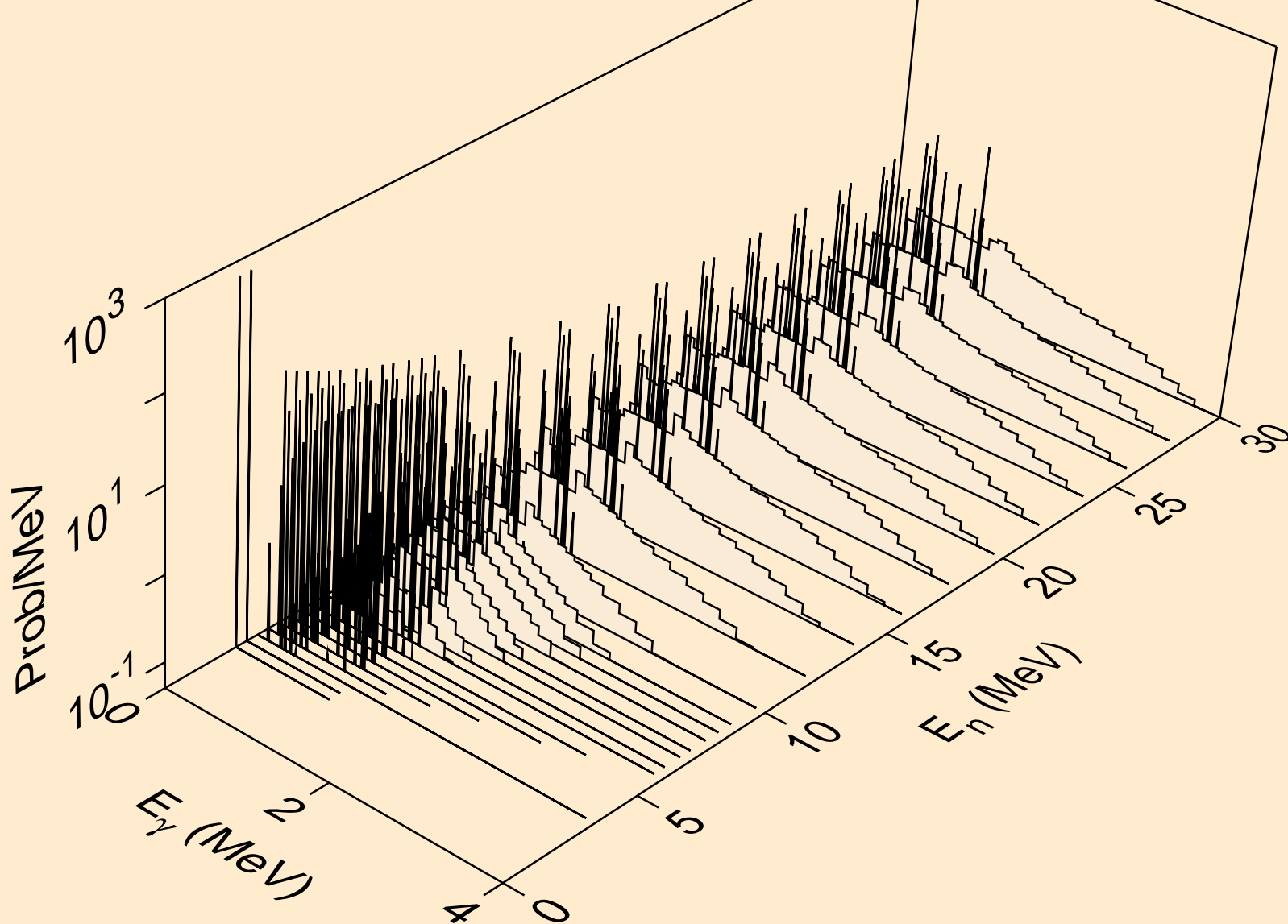
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



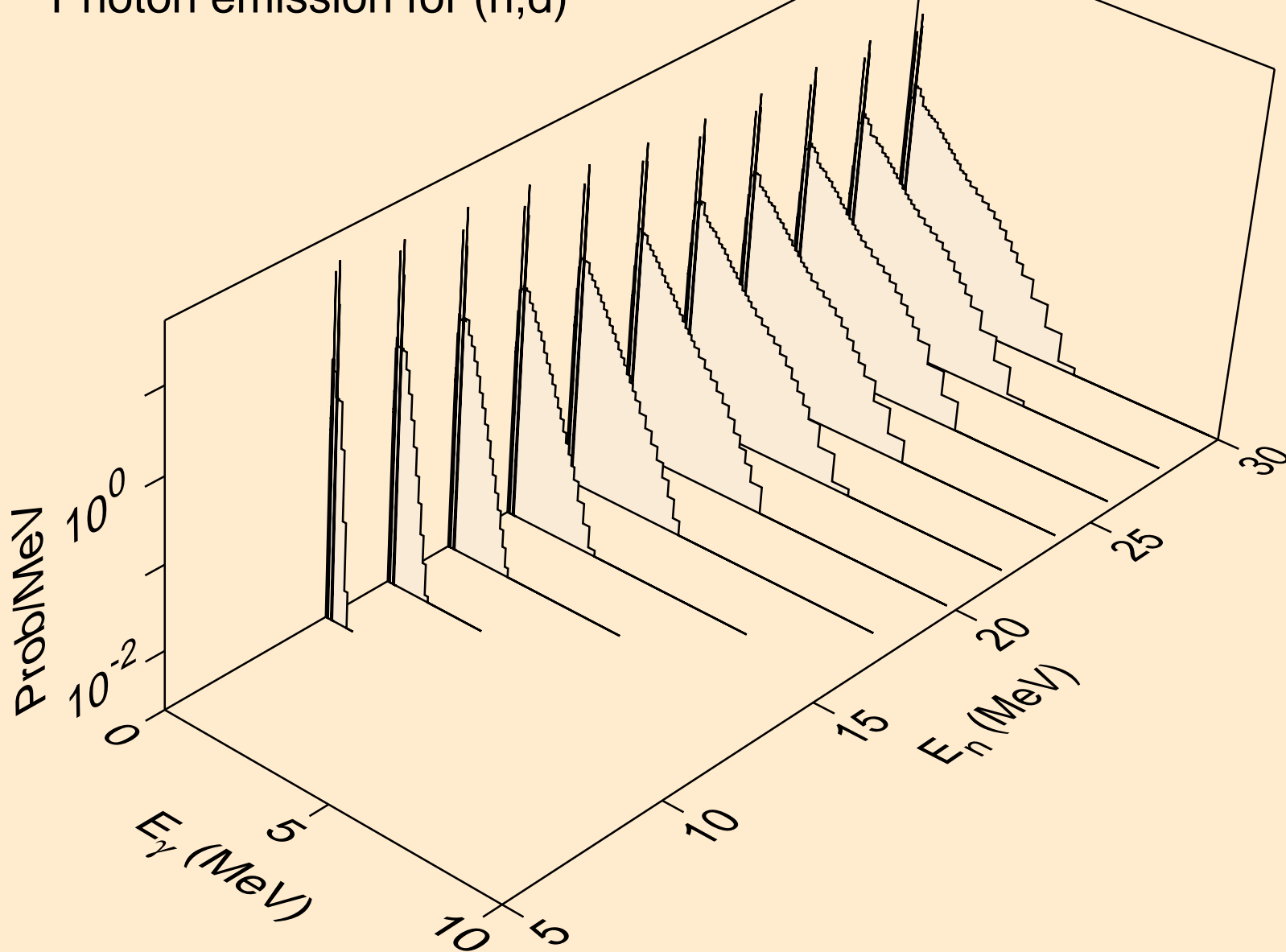
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



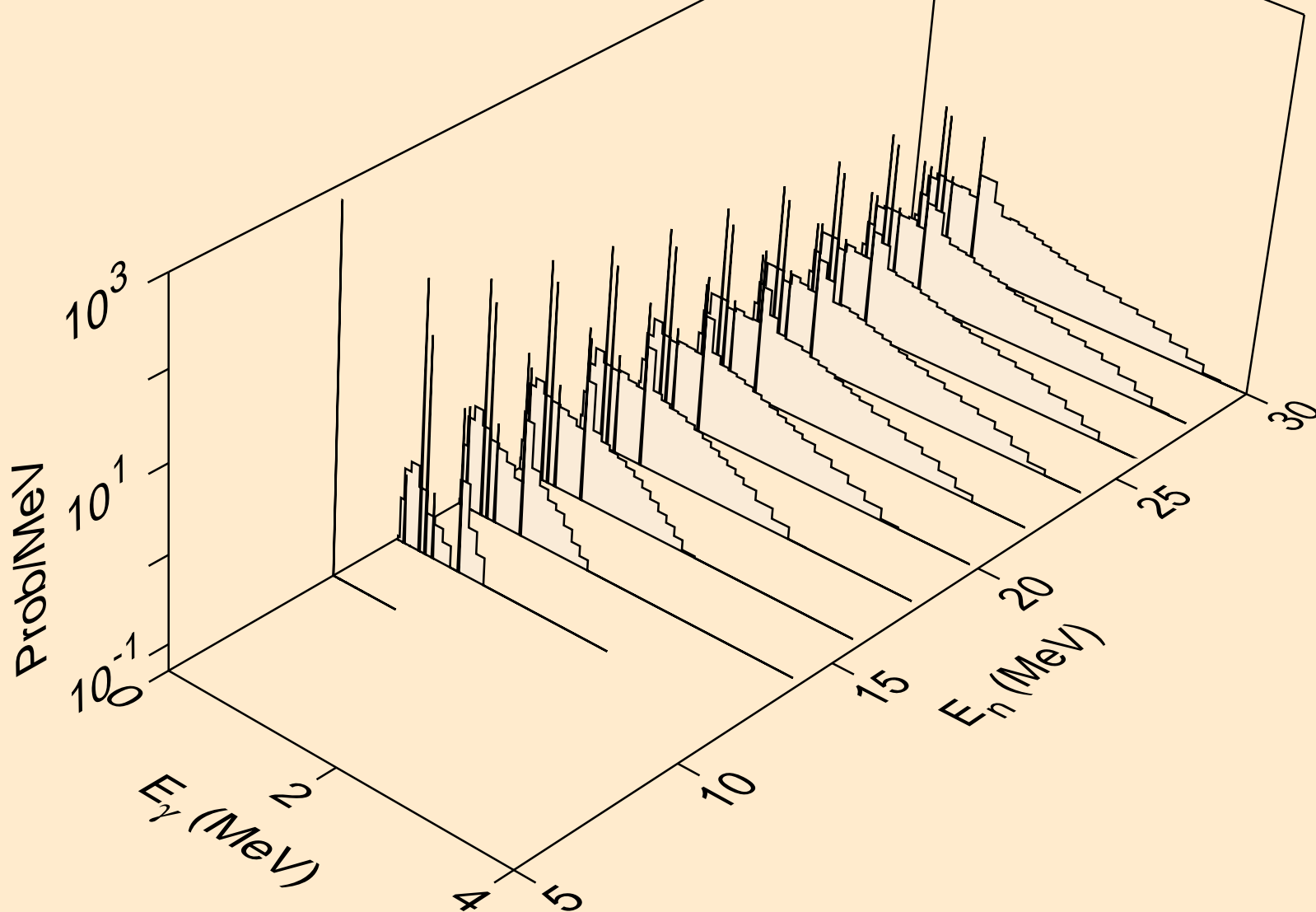
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



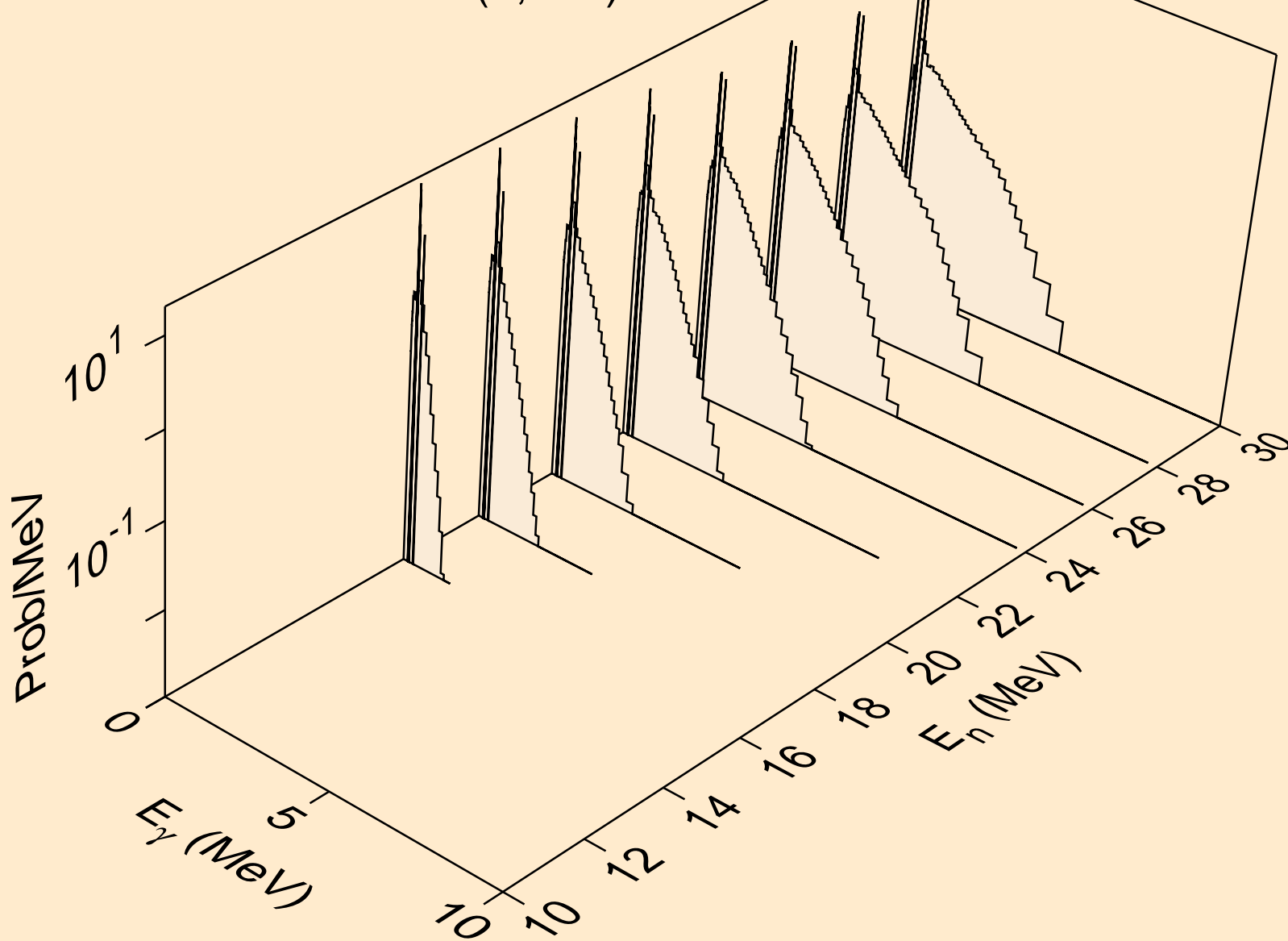
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



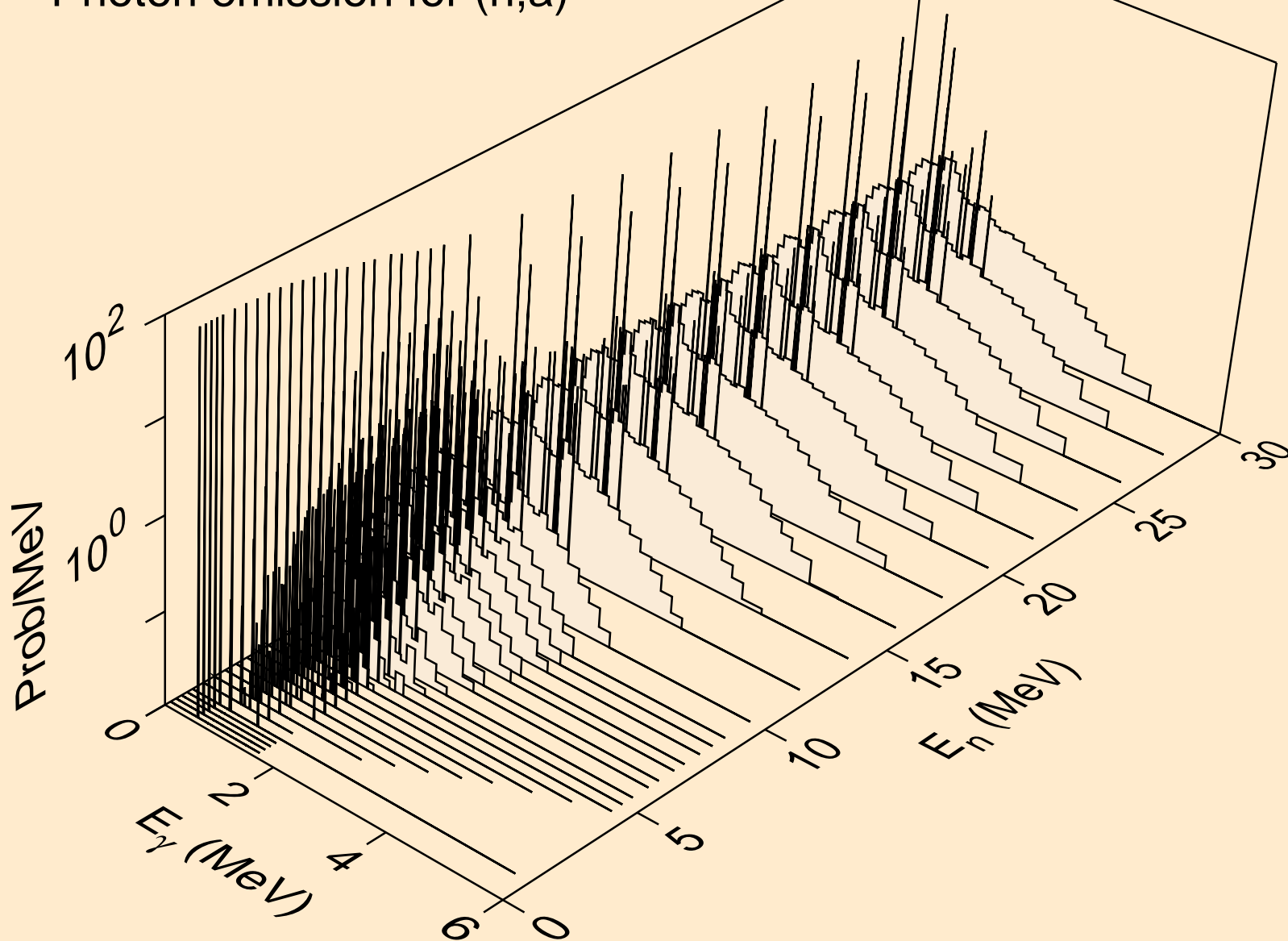
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



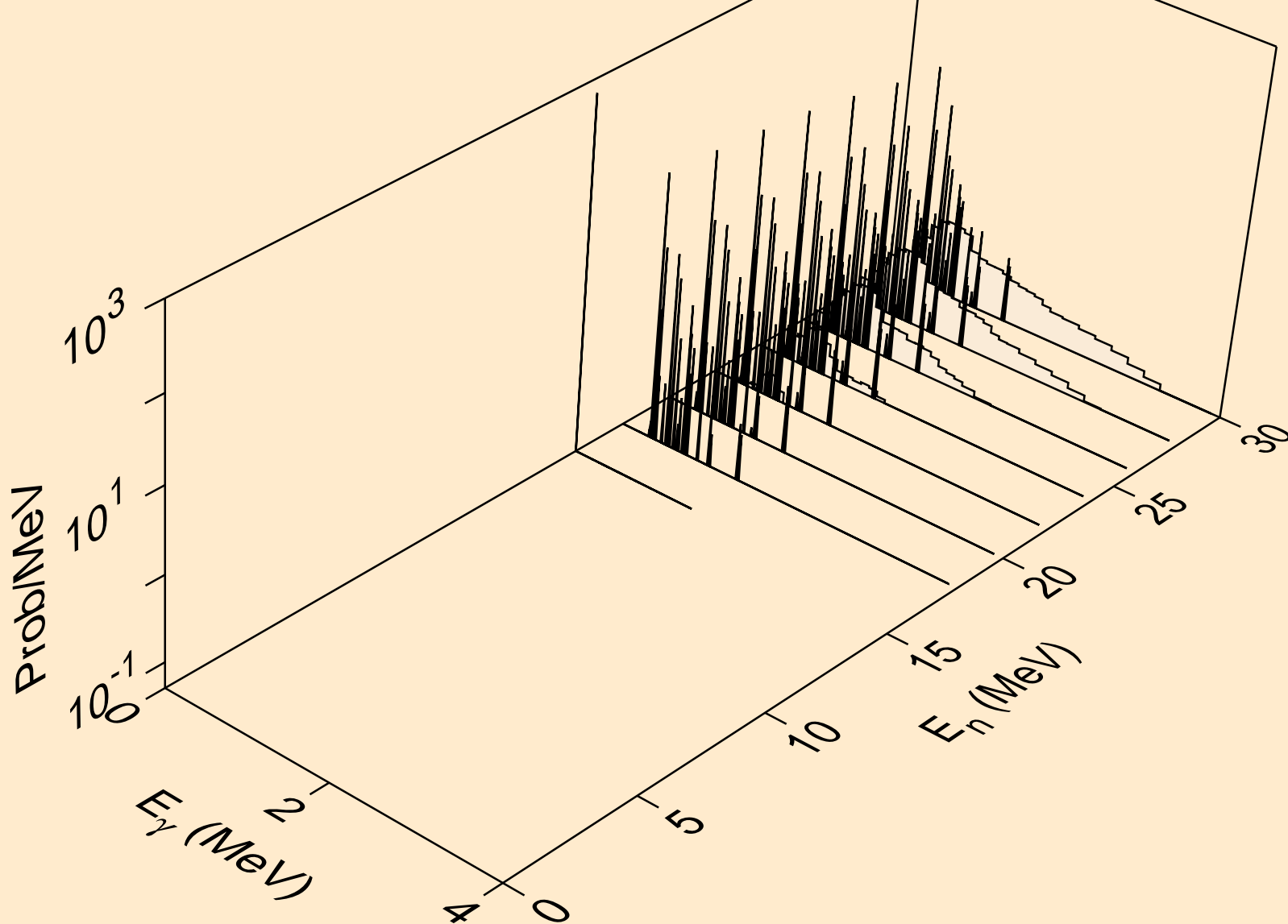
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



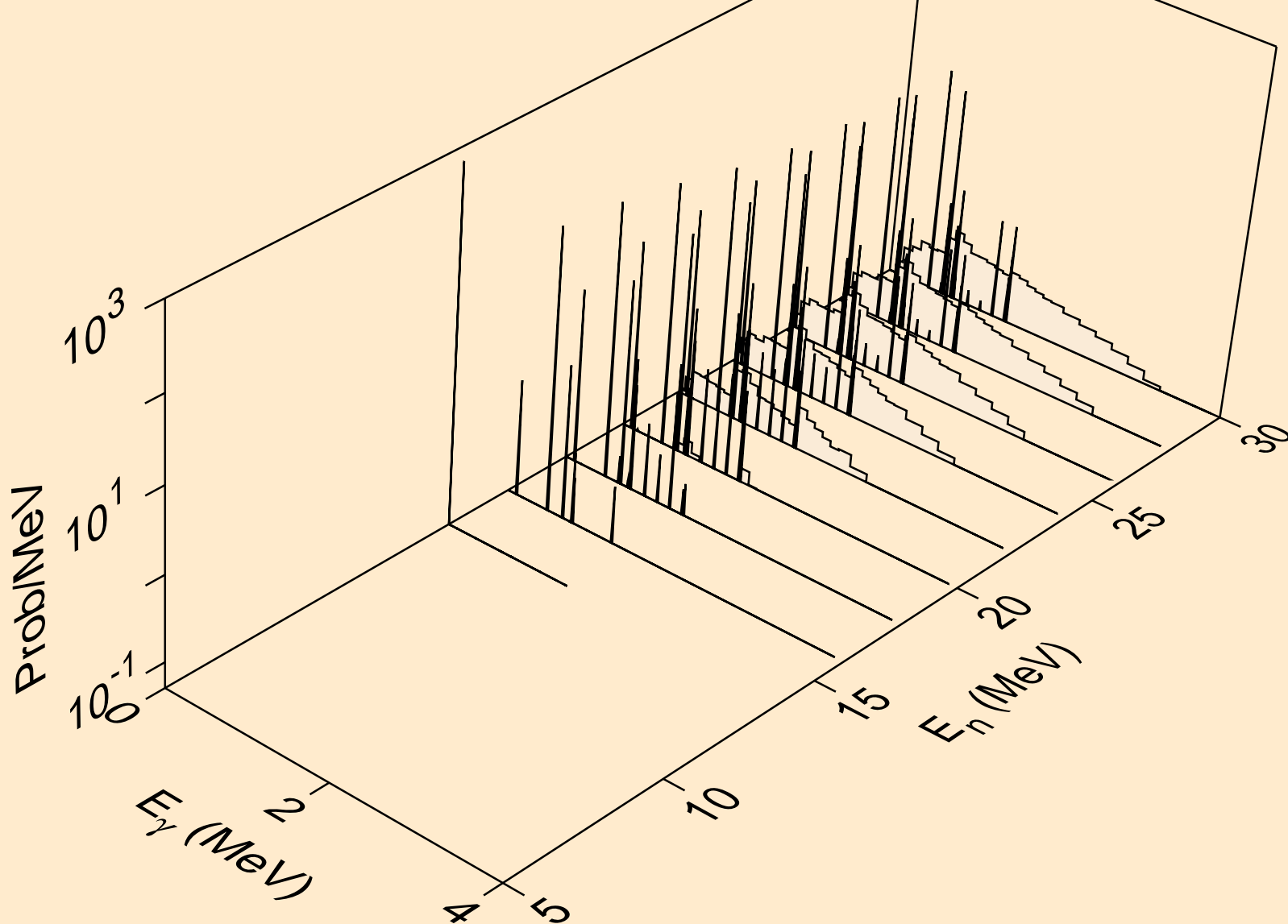
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



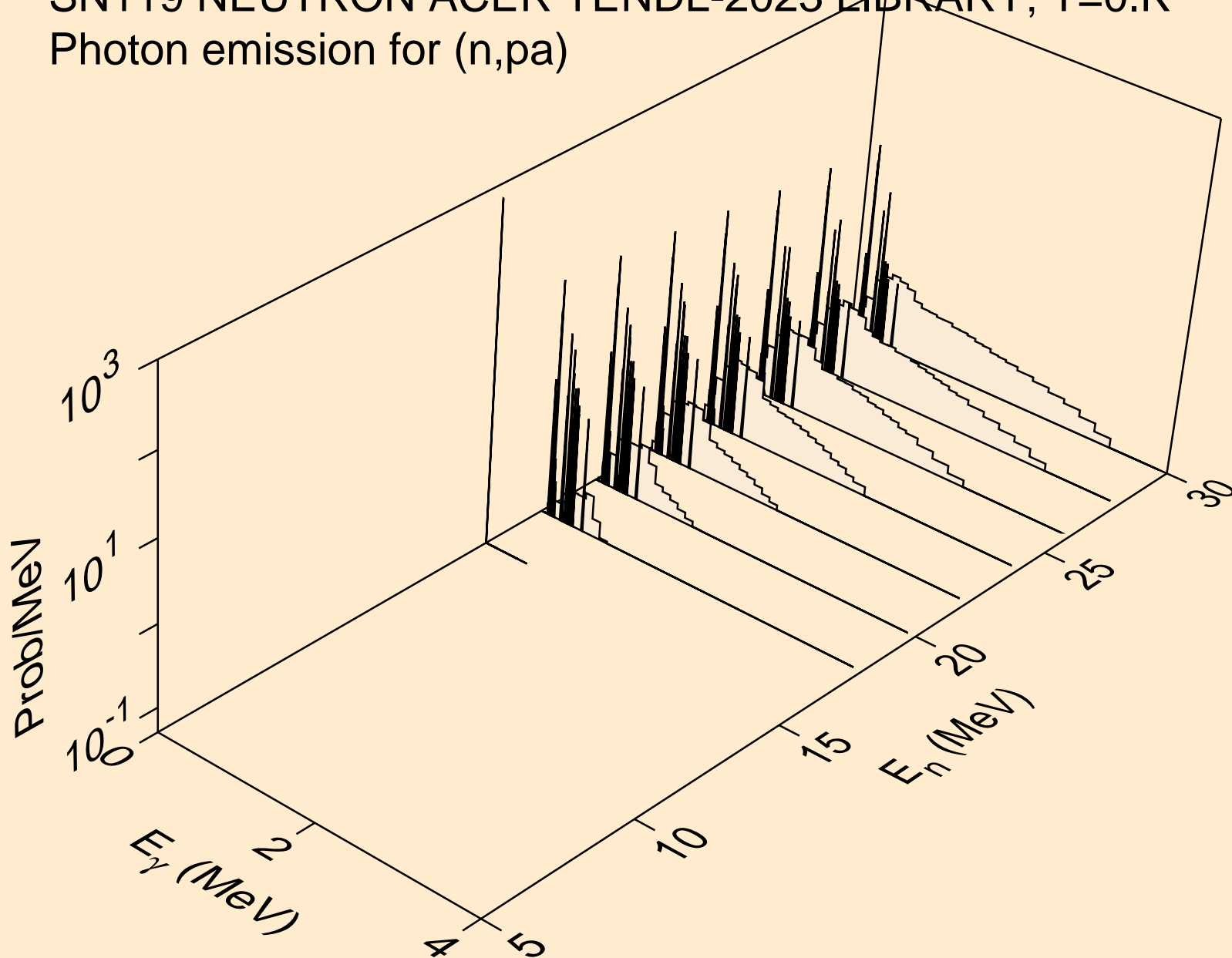
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



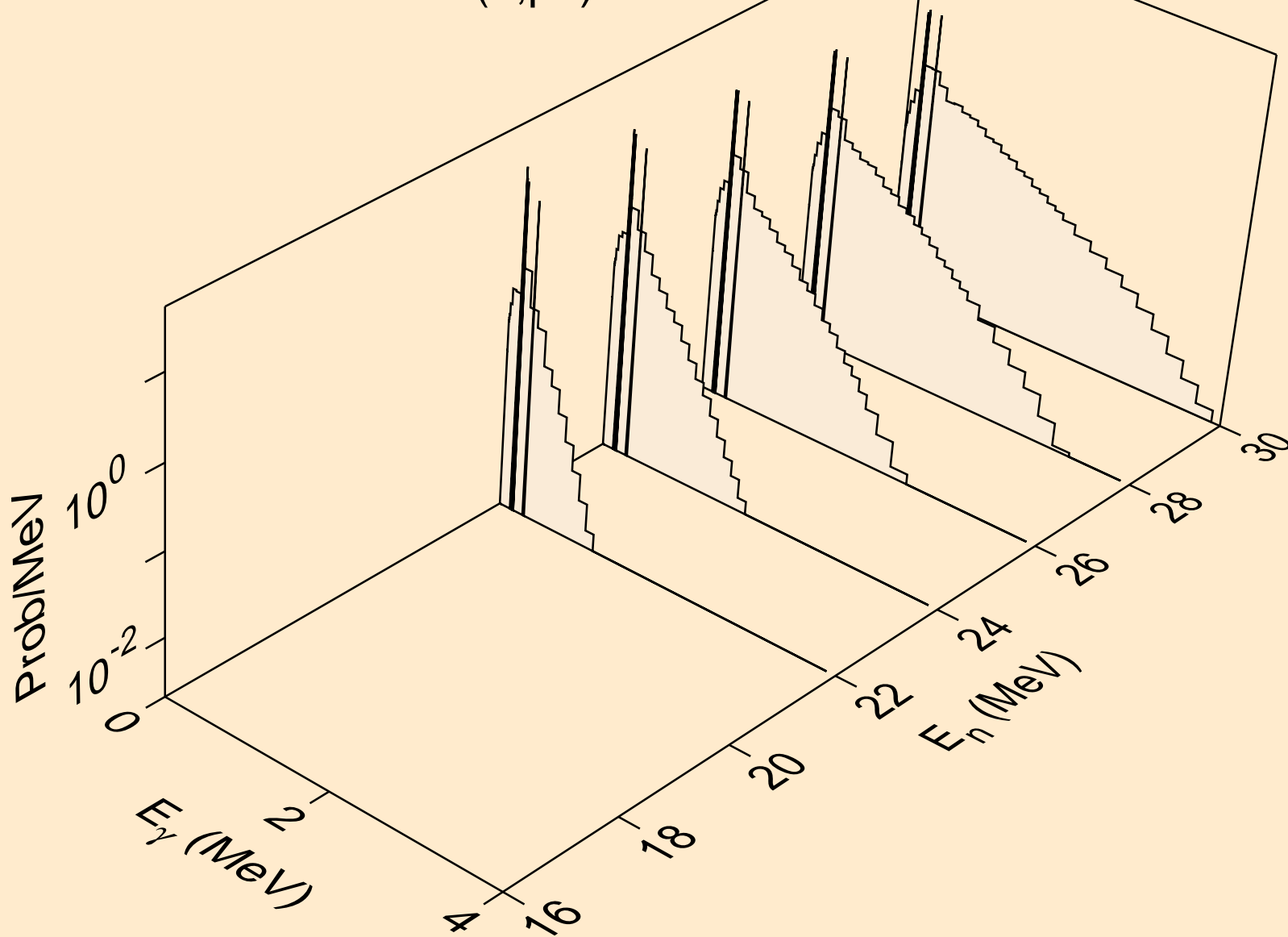
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



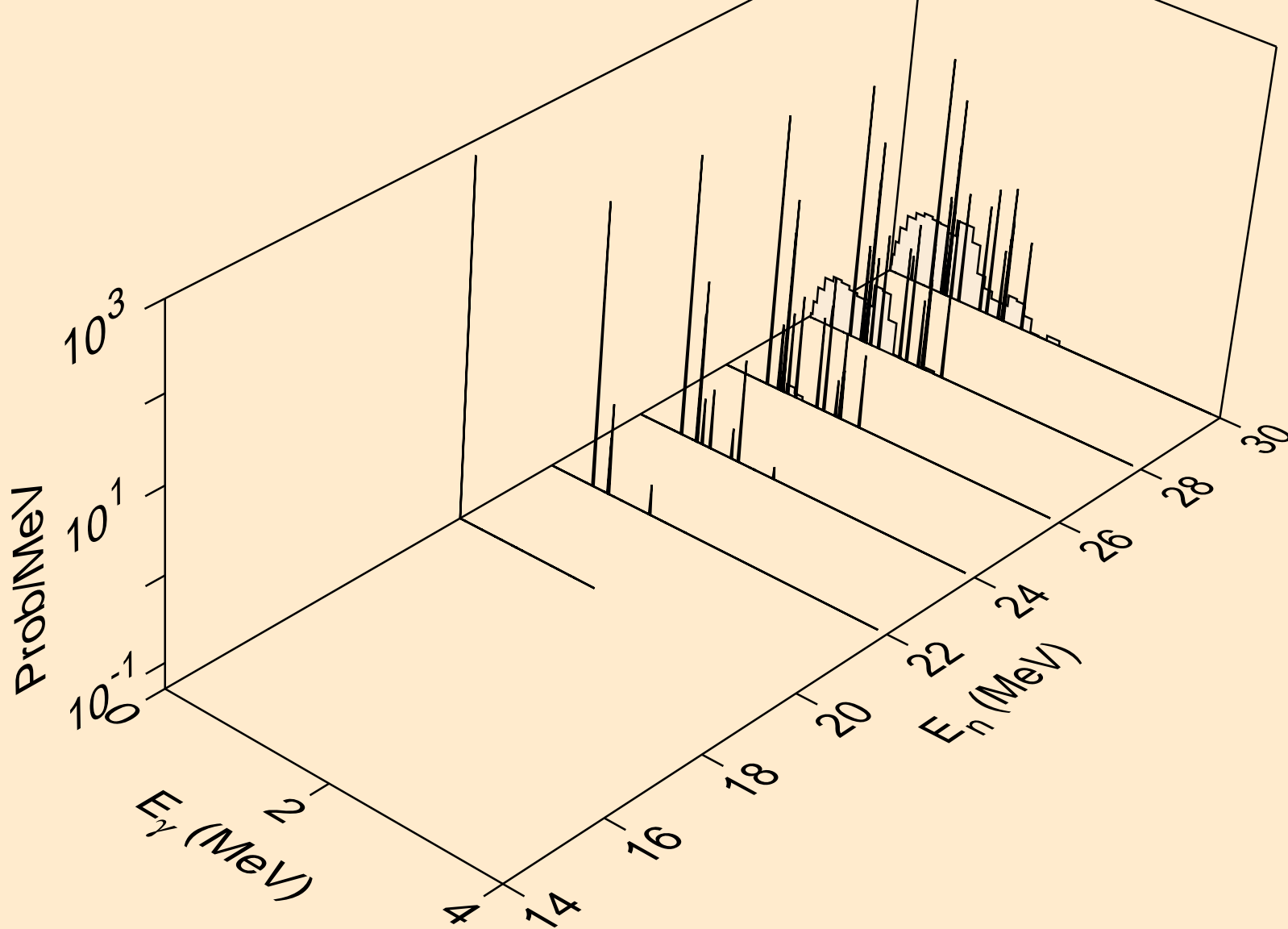
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



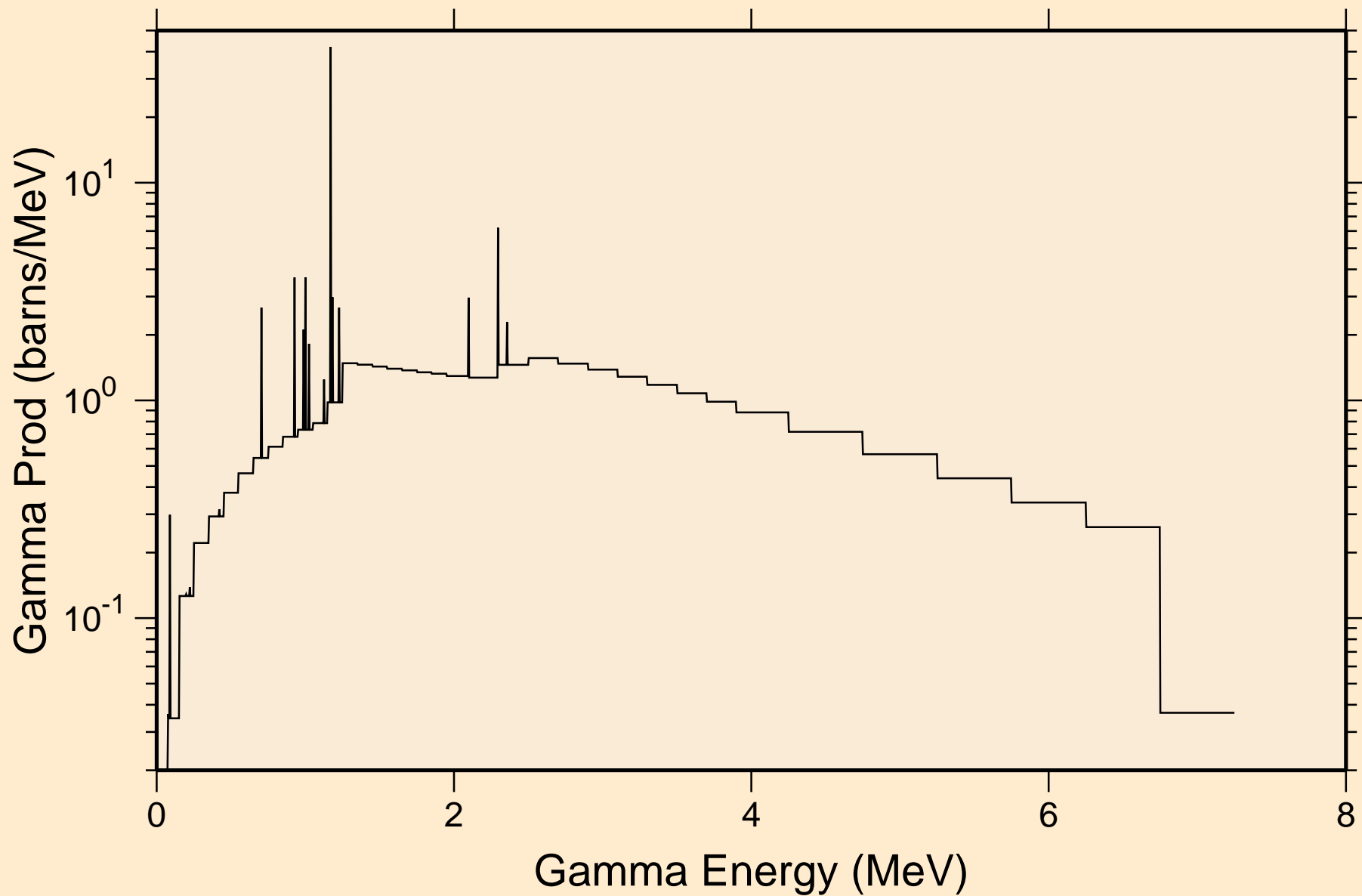
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



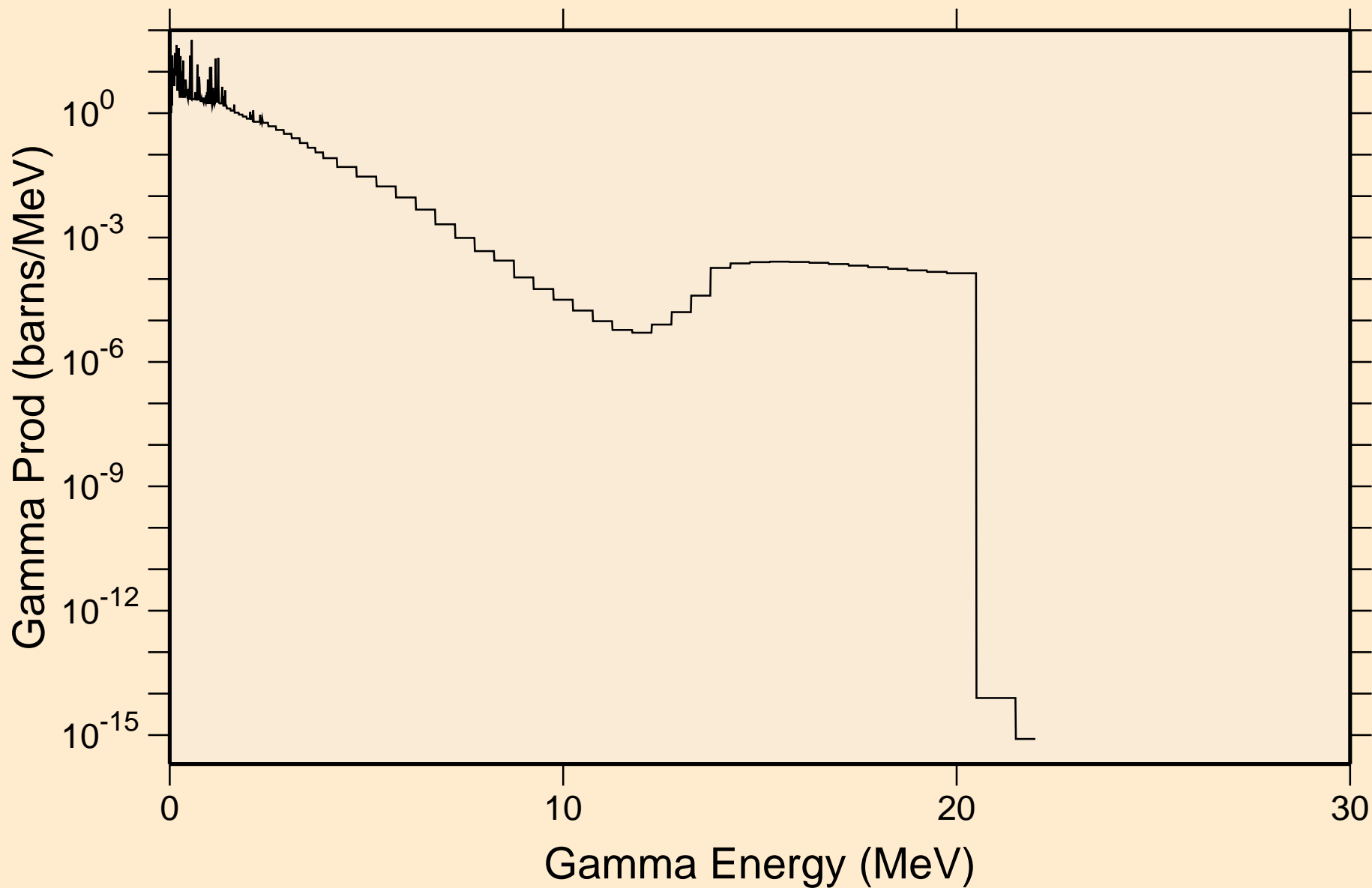
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

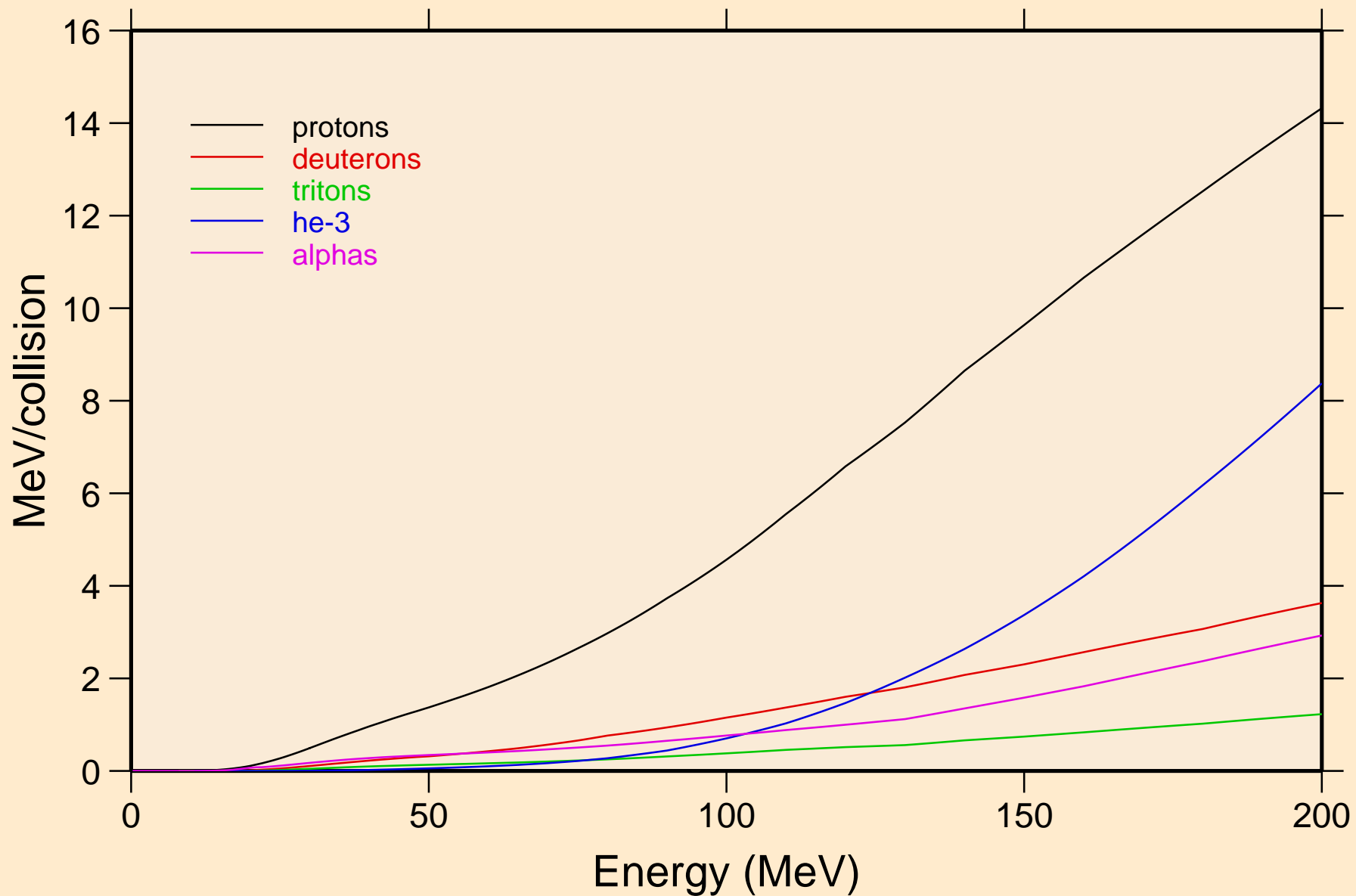


SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



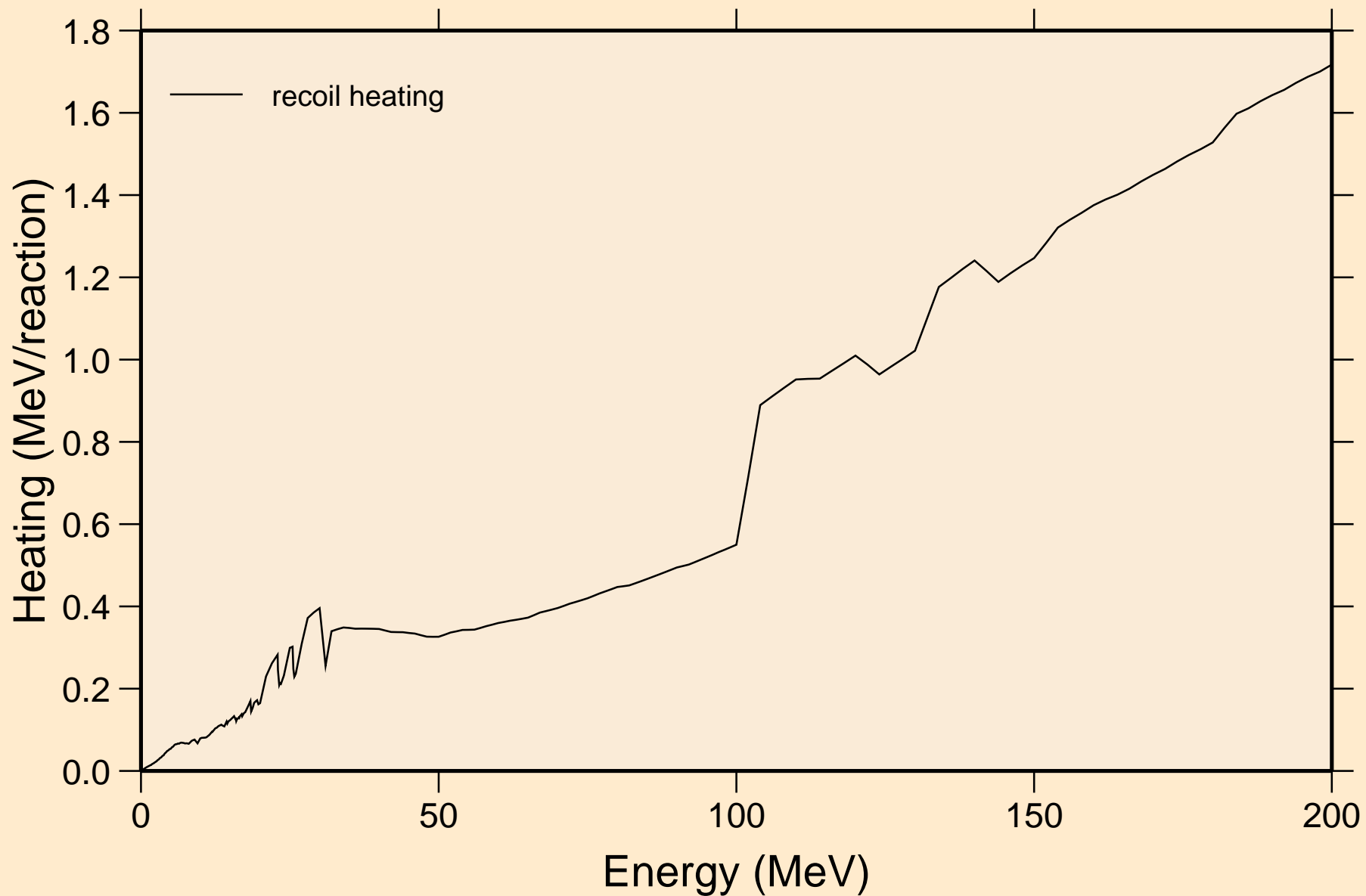
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



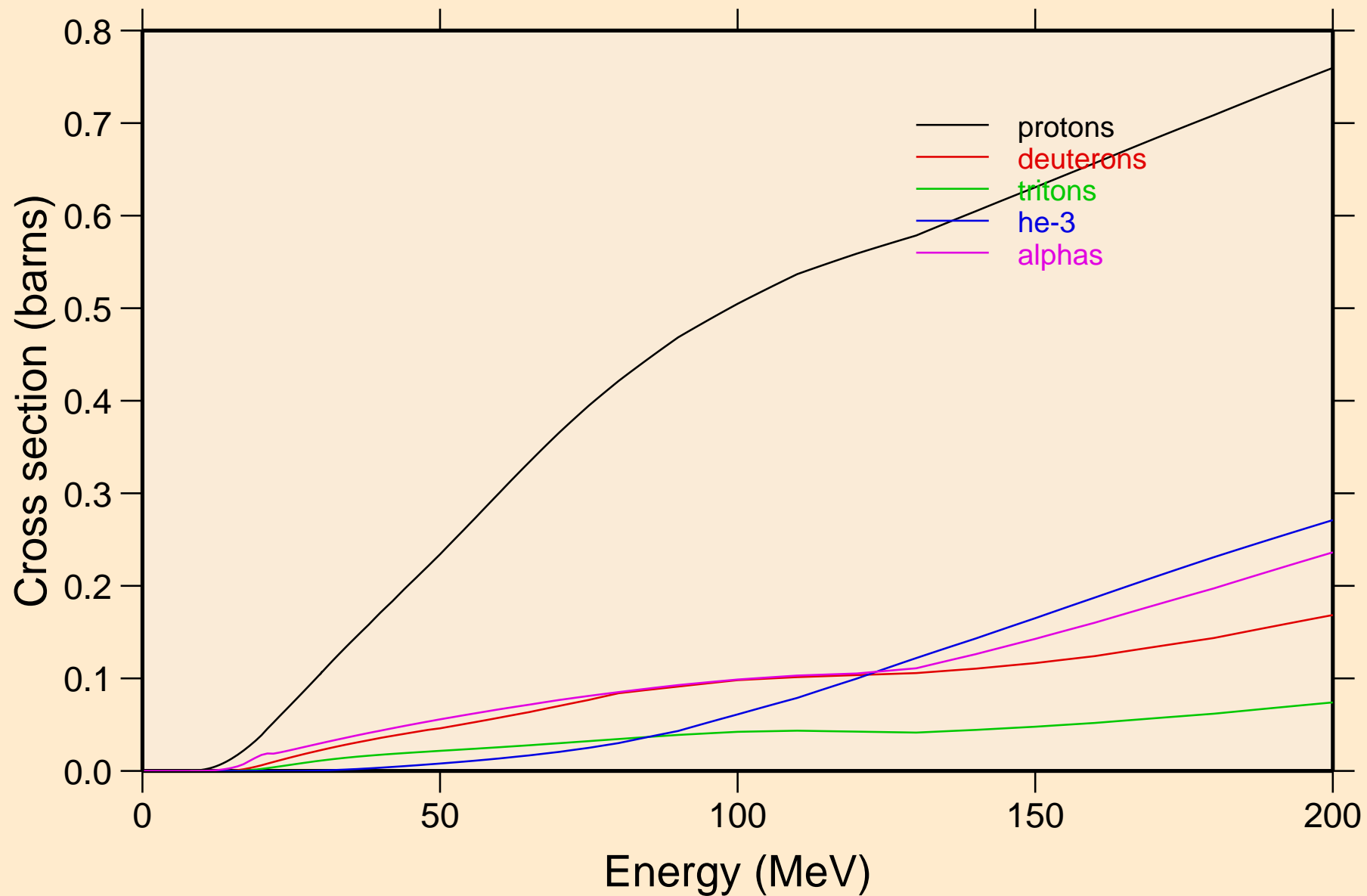
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

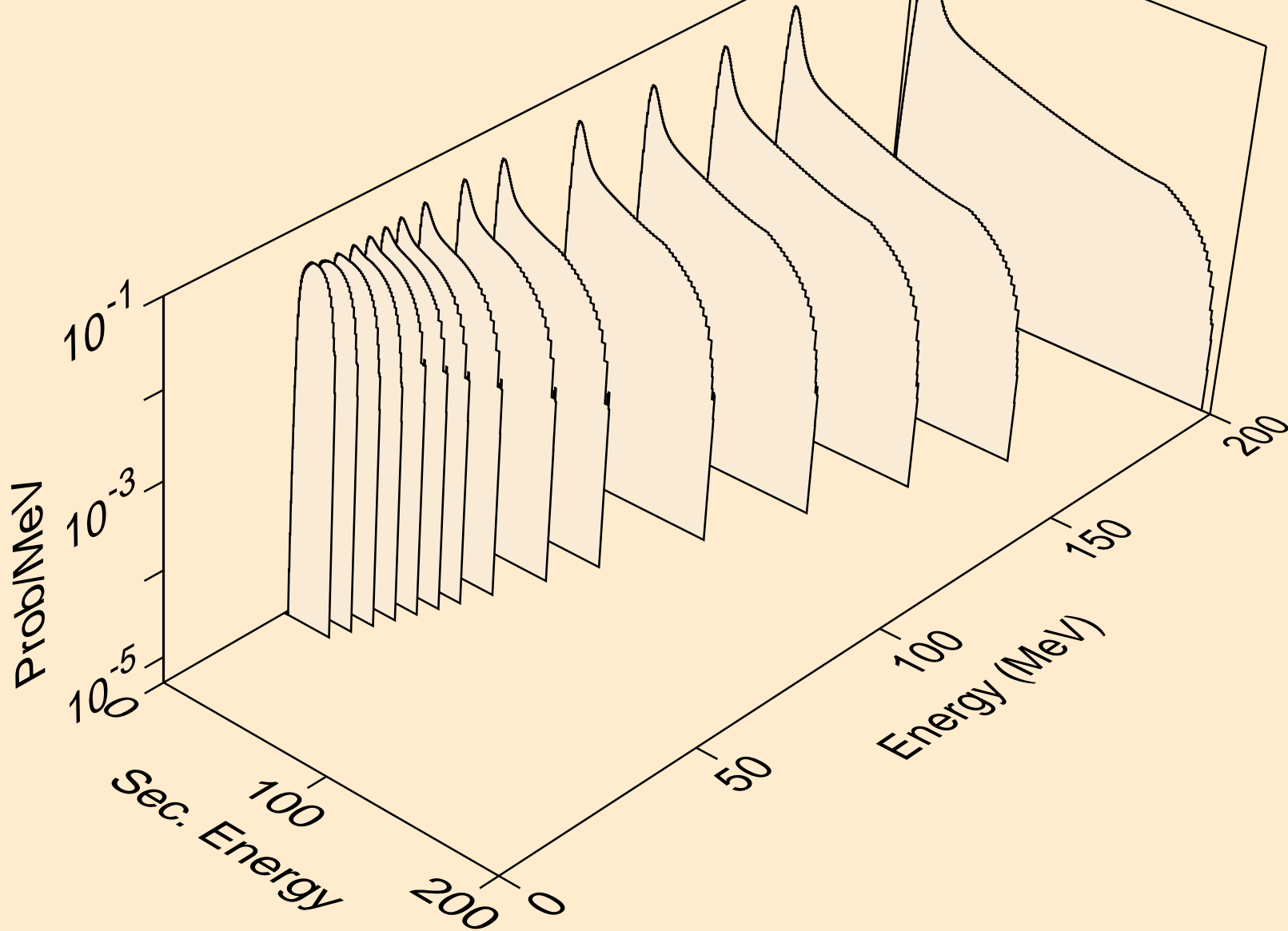


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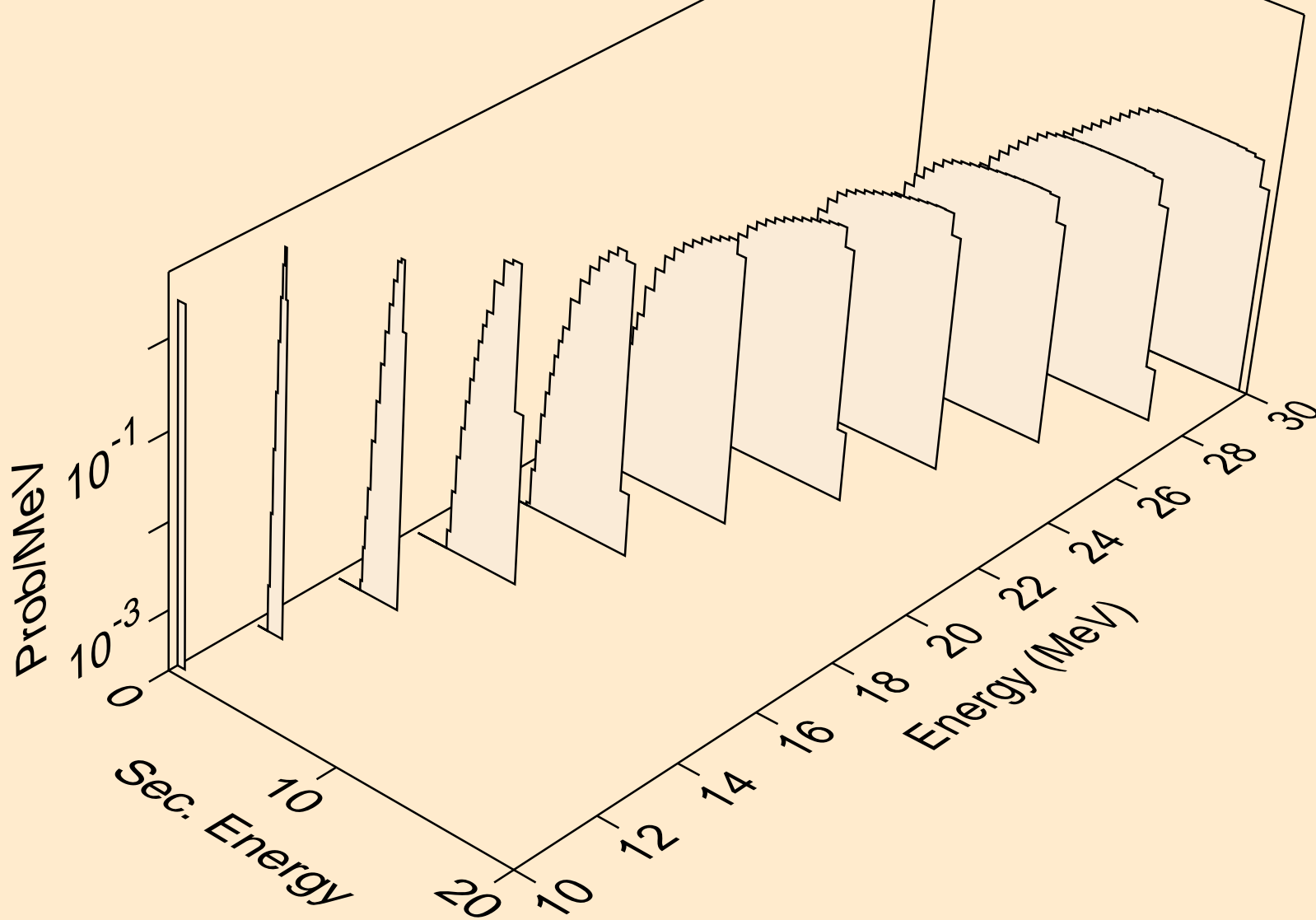
Particle production cross sections



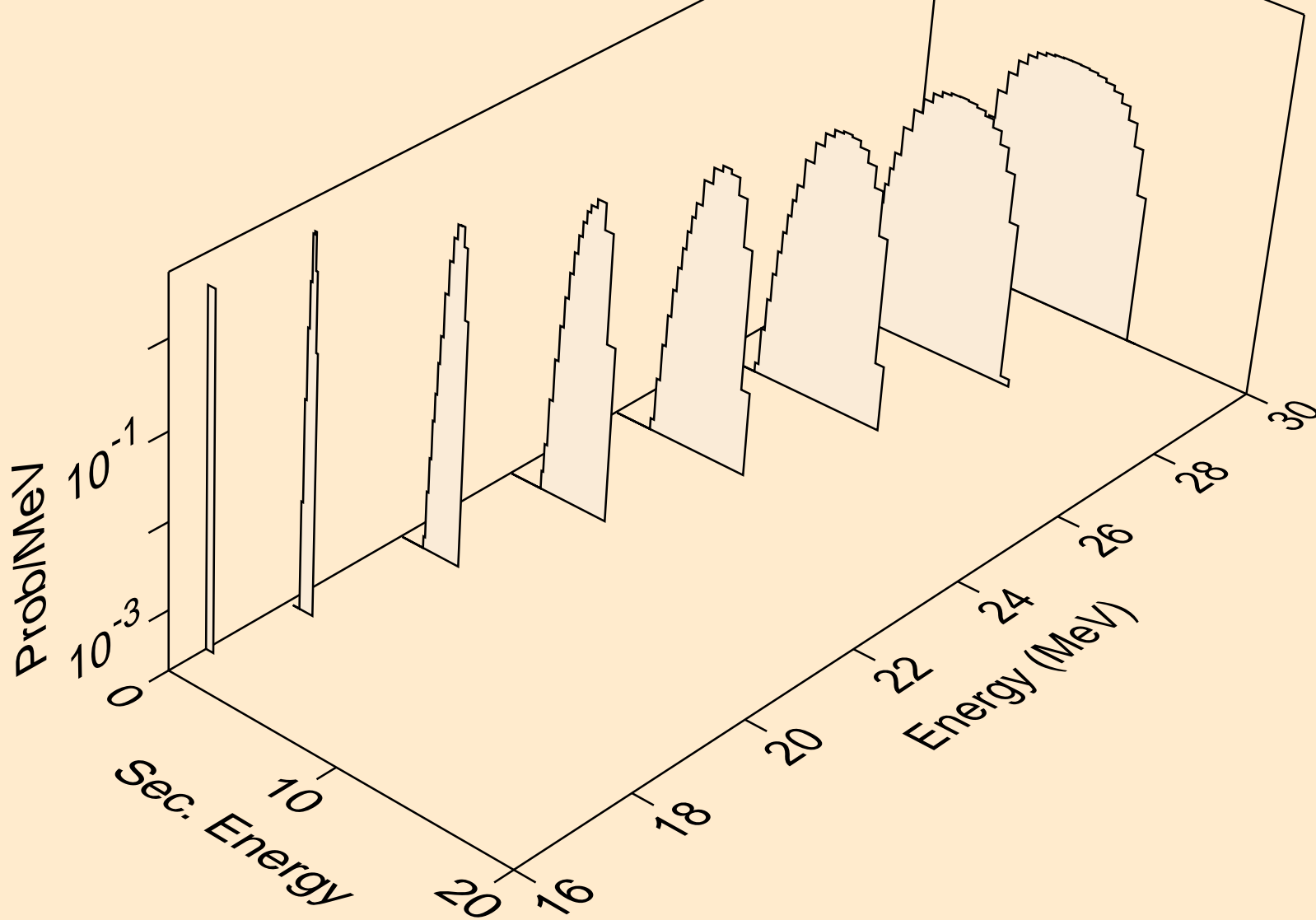
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



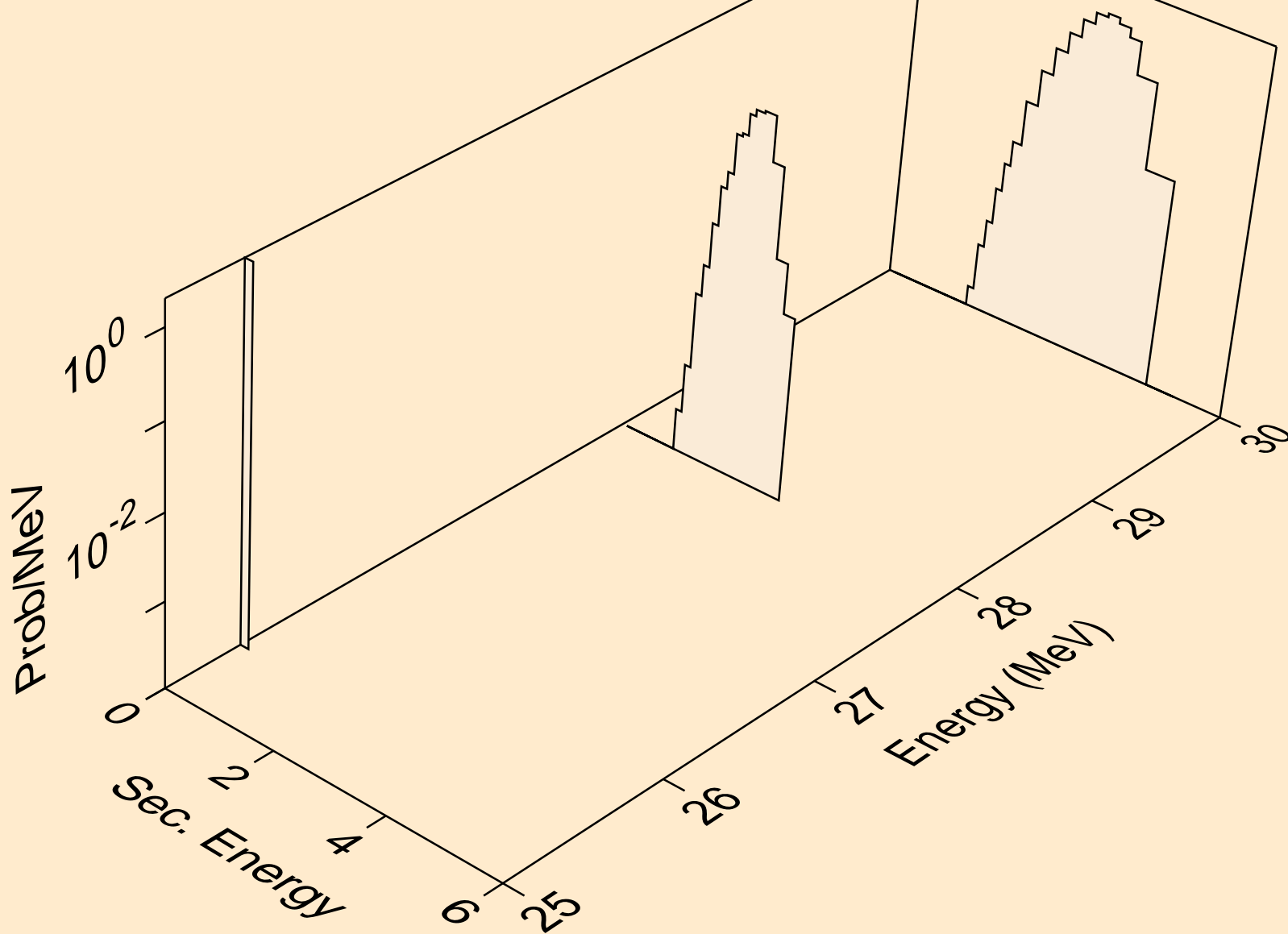
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



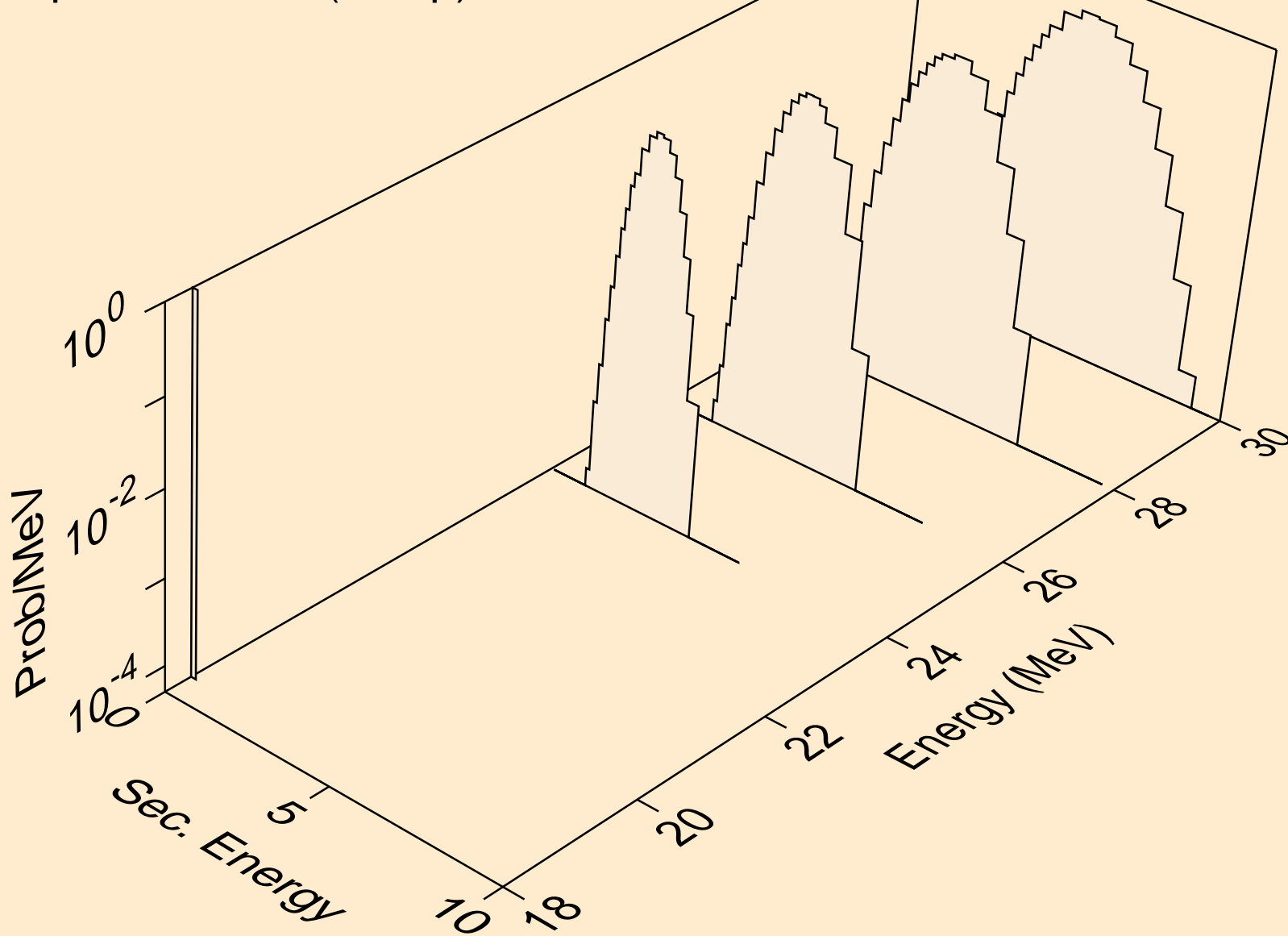
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



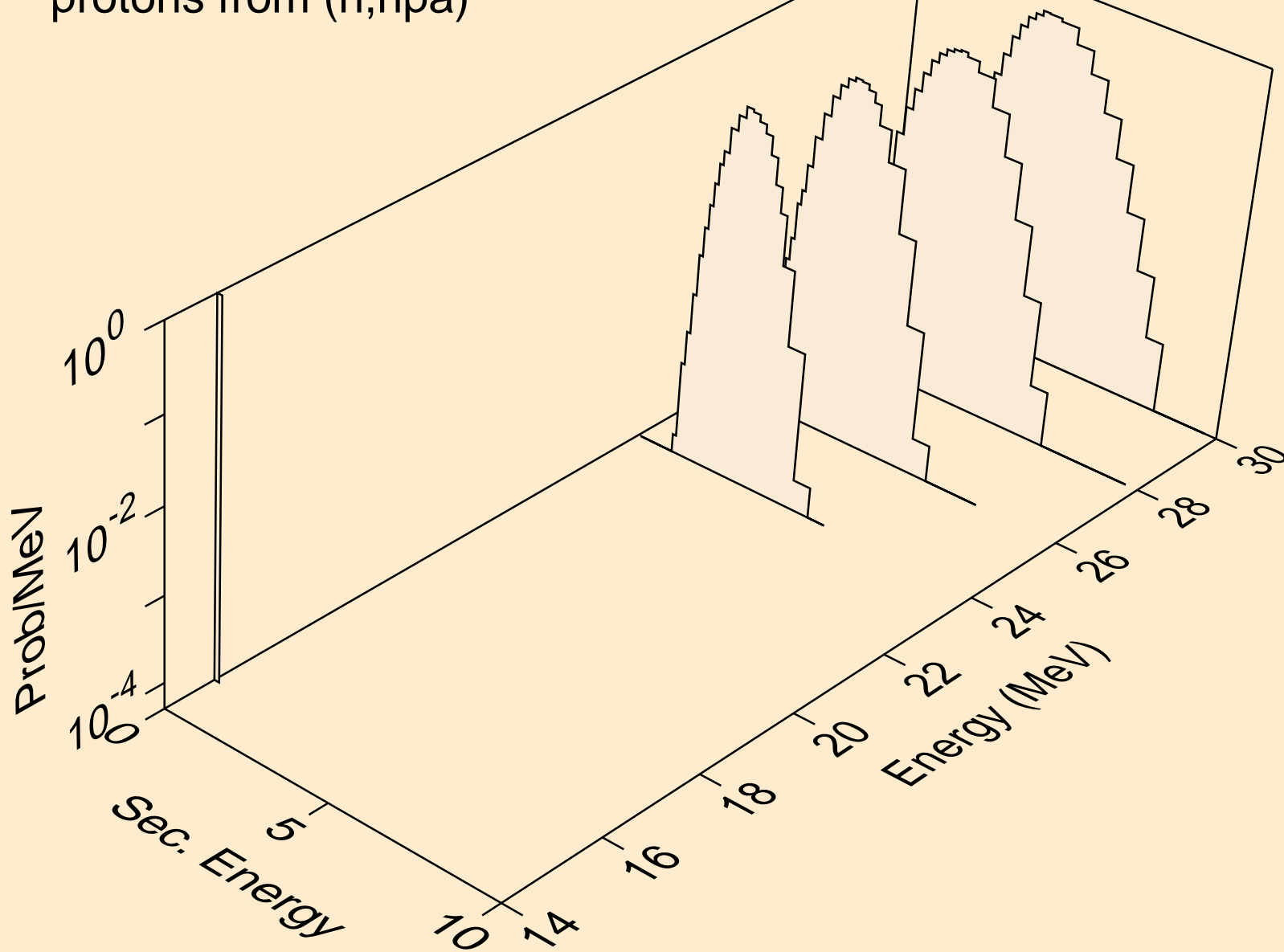
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protons from (n,3np)



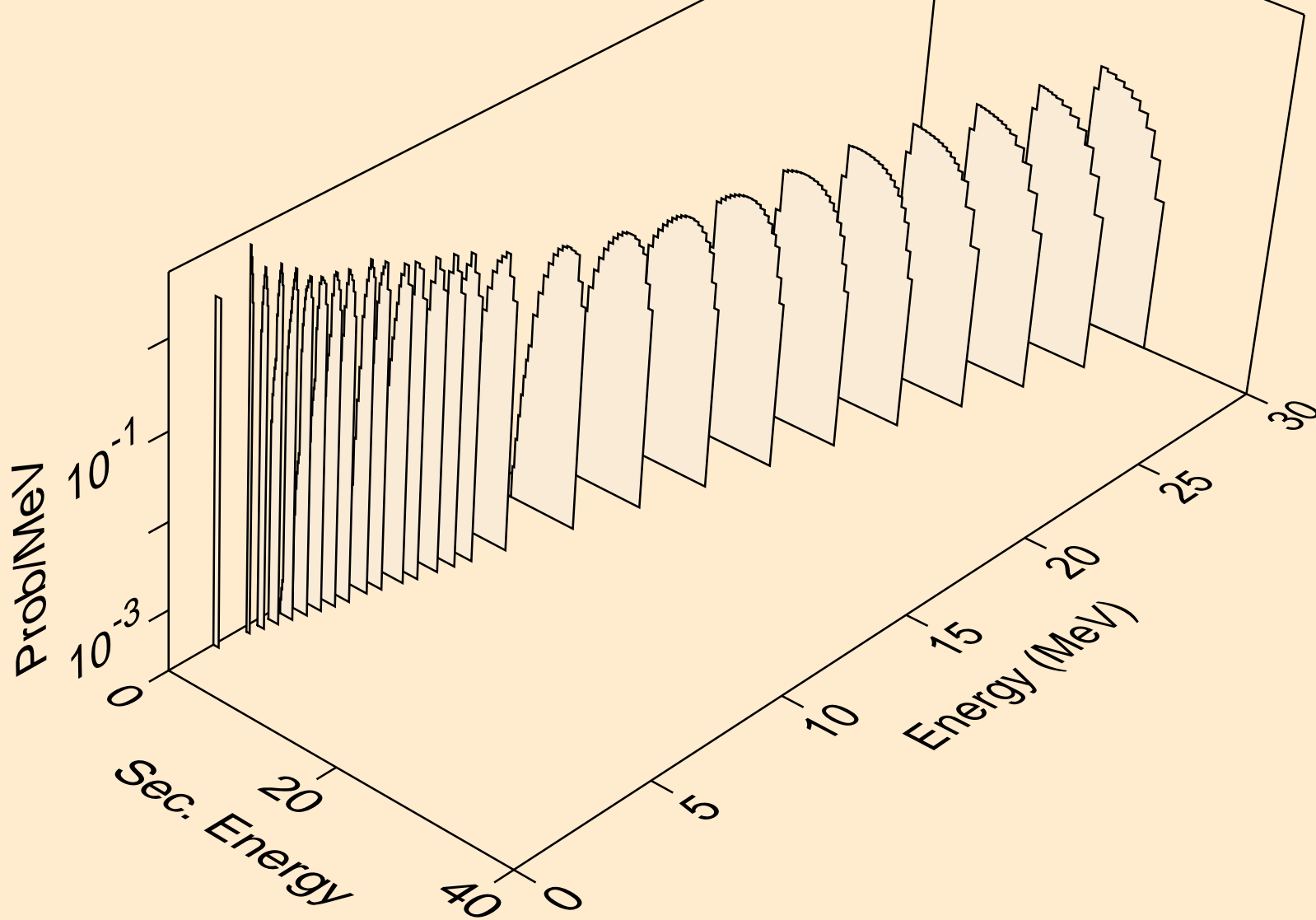
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



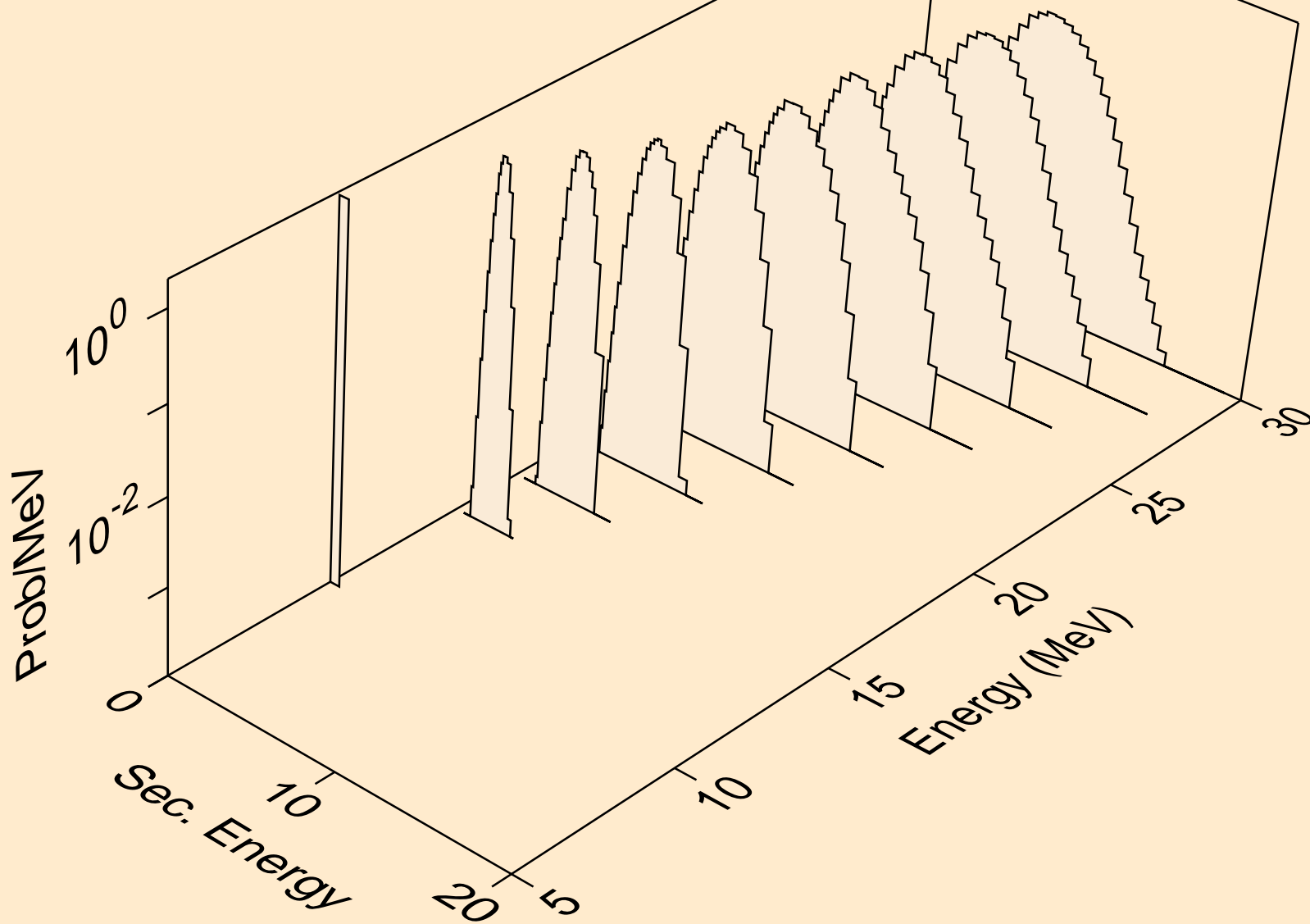
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protons from (n,npa)



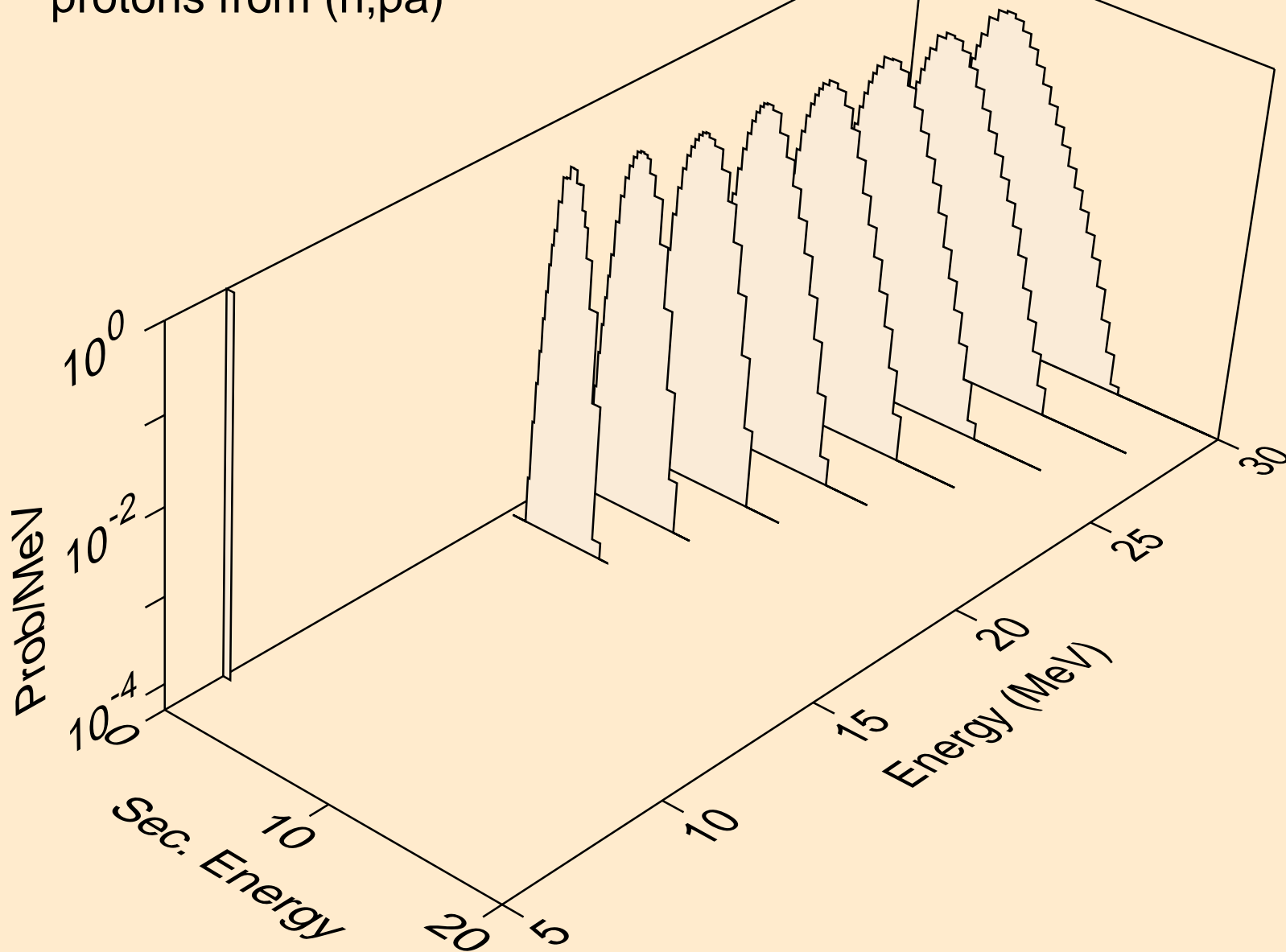
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protons from (n,p)



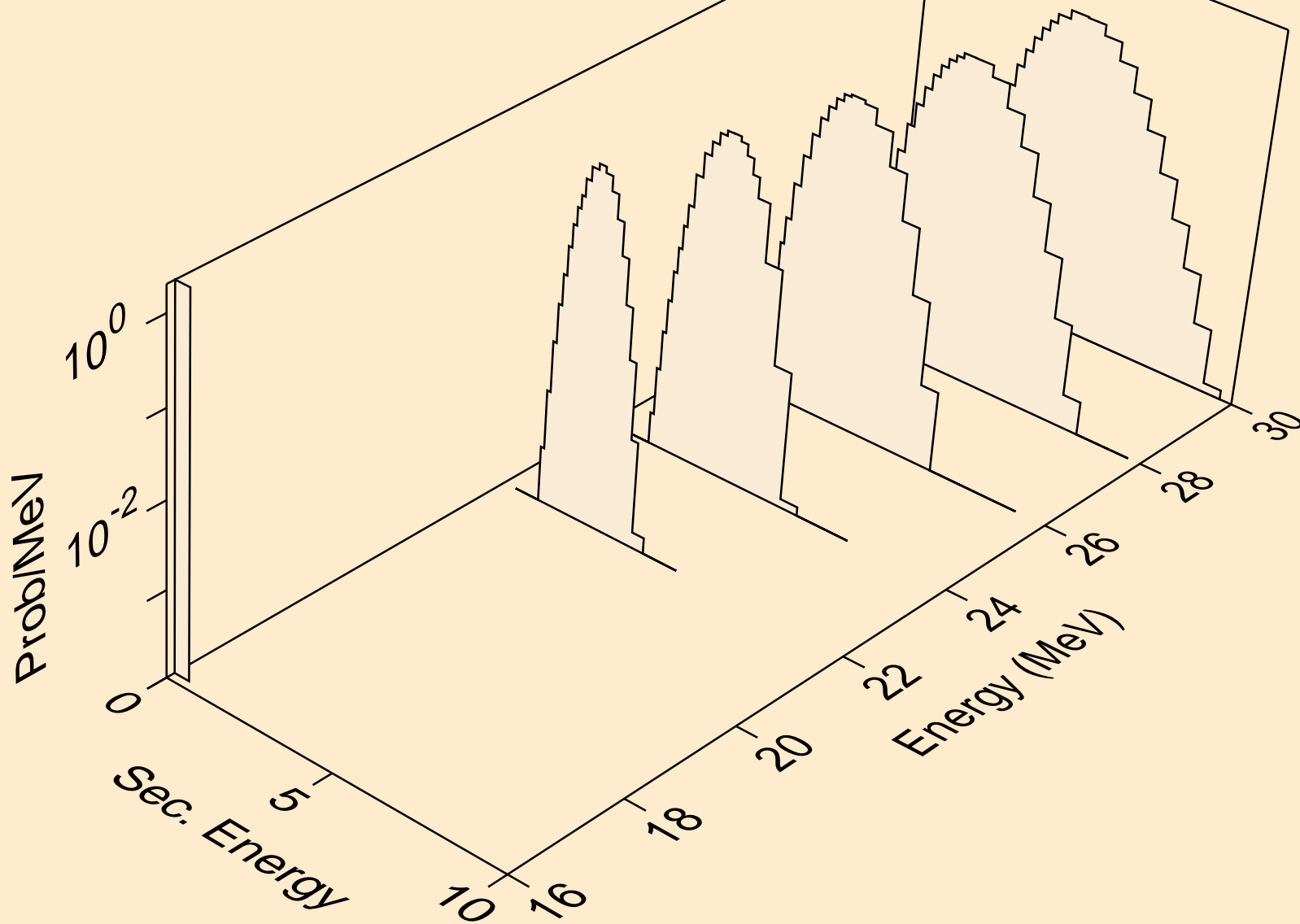
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protons from (n,2p)



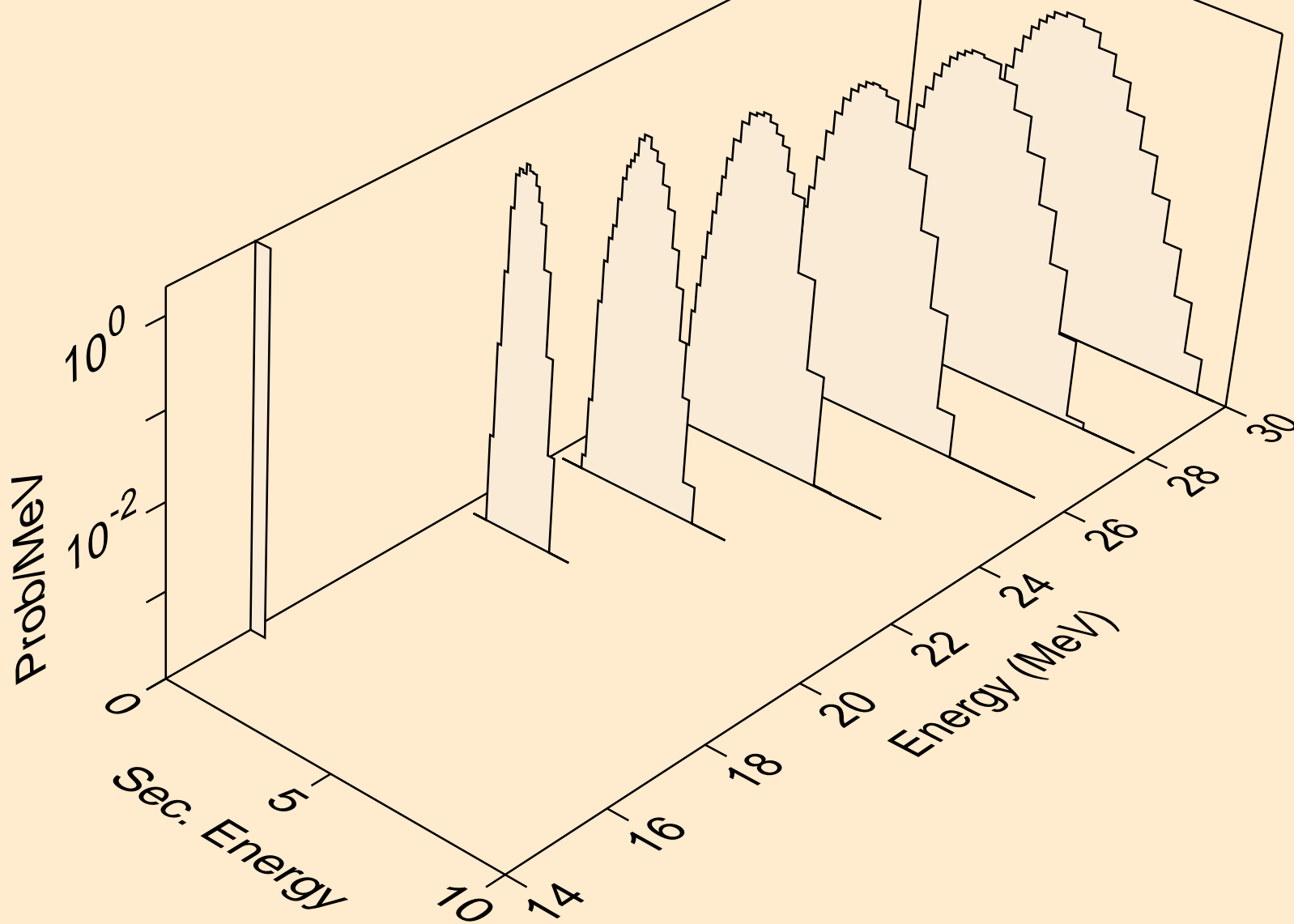
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protons from (n,pa)



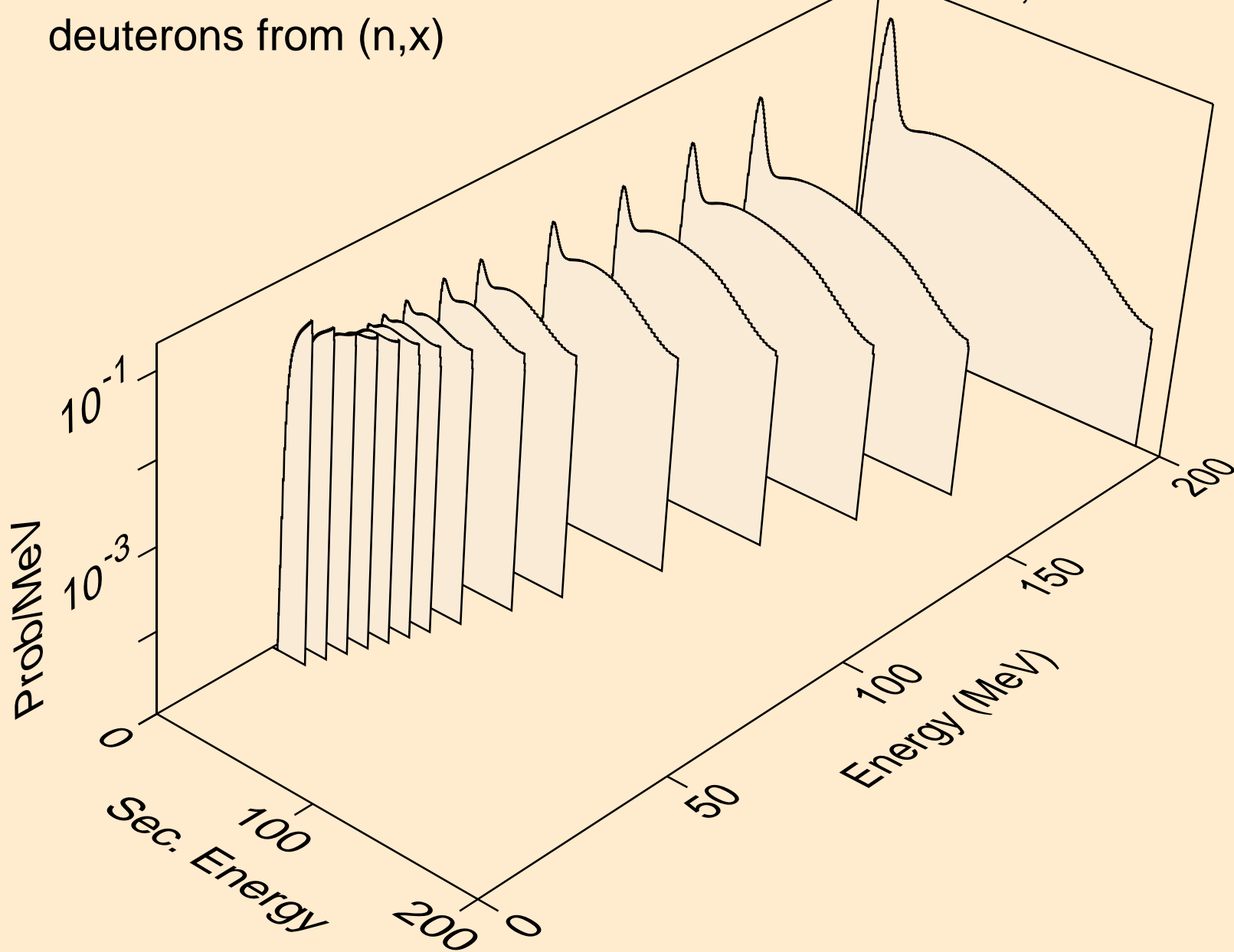
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protons from (n,pd)



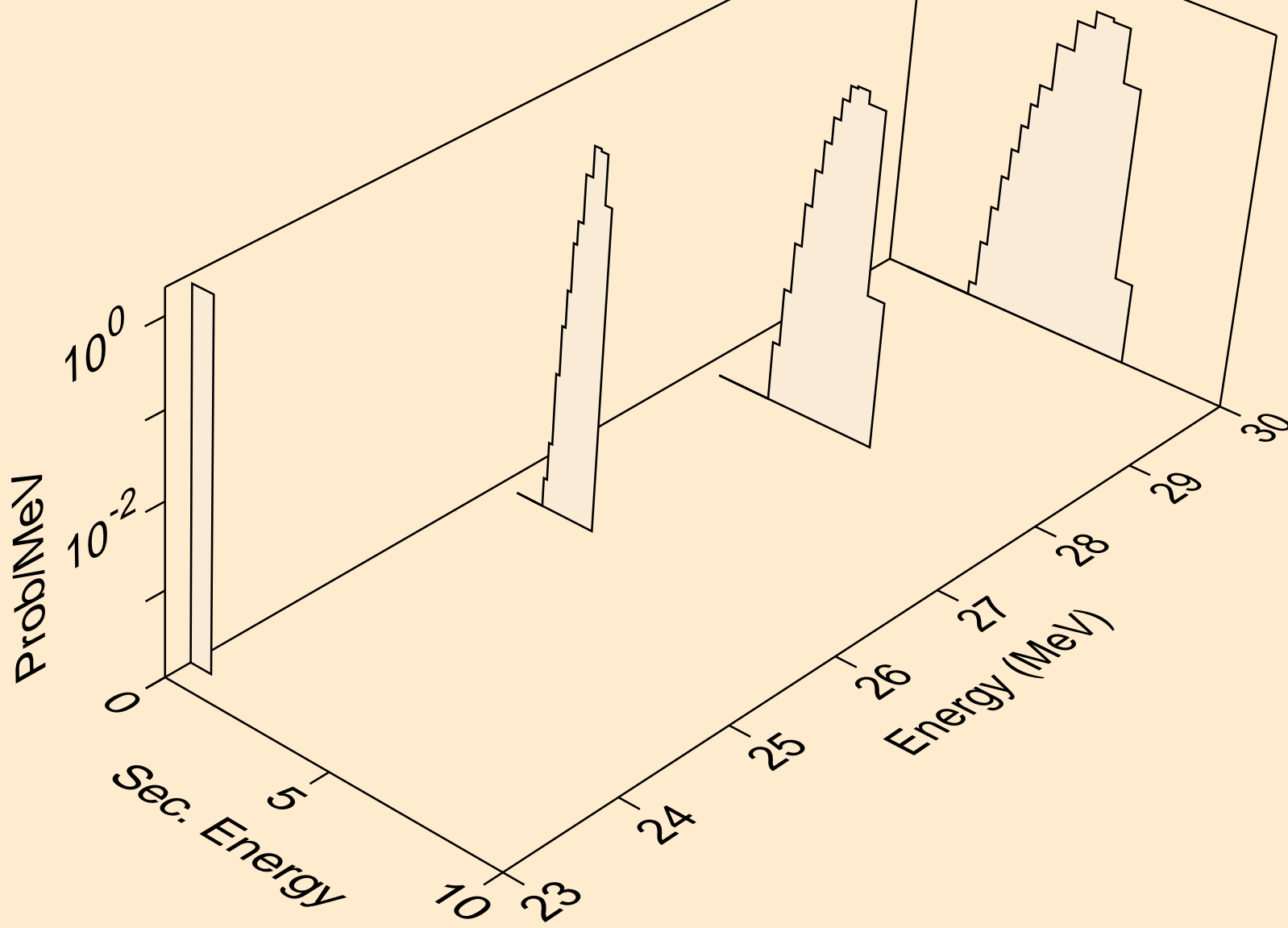
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



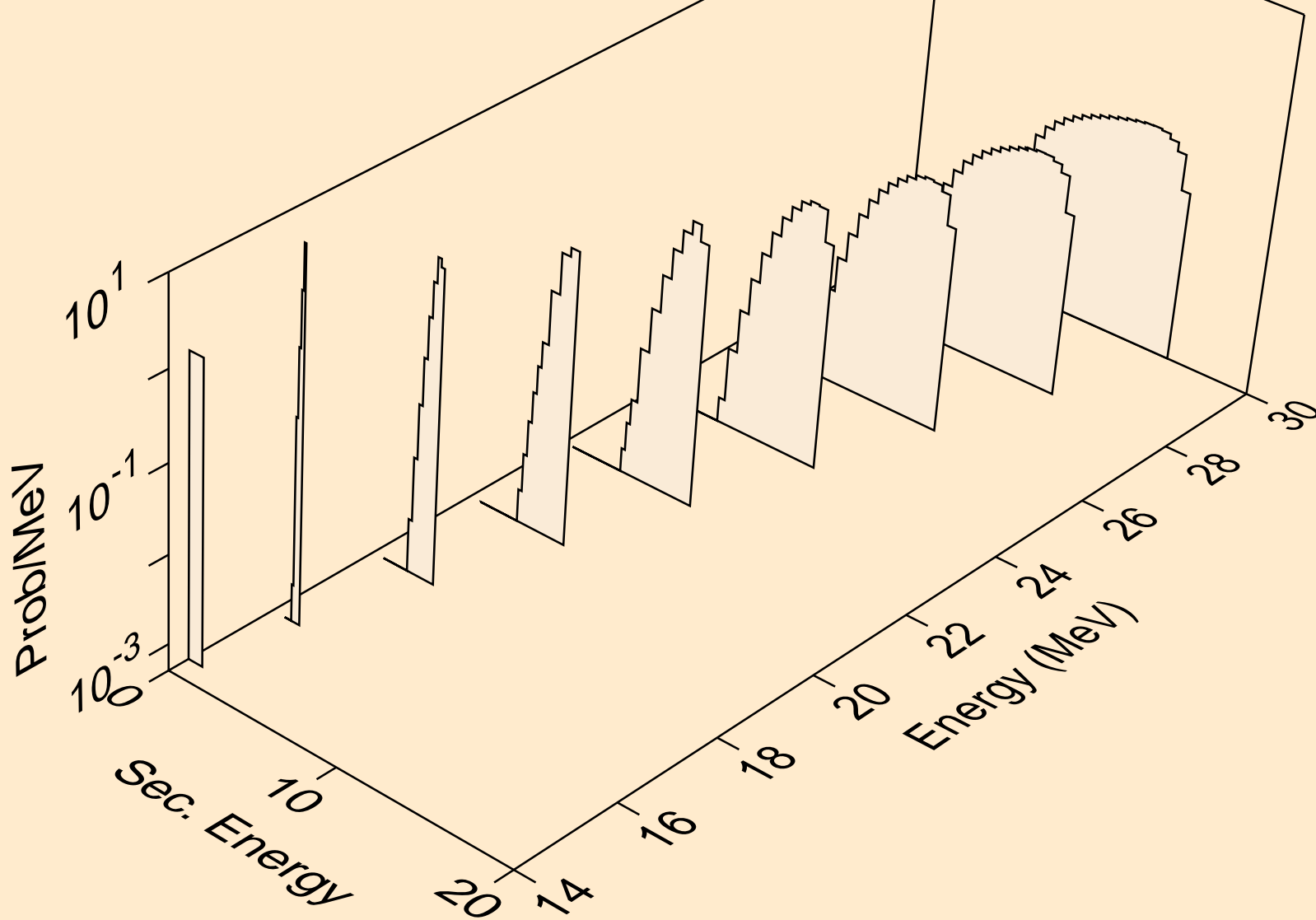
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



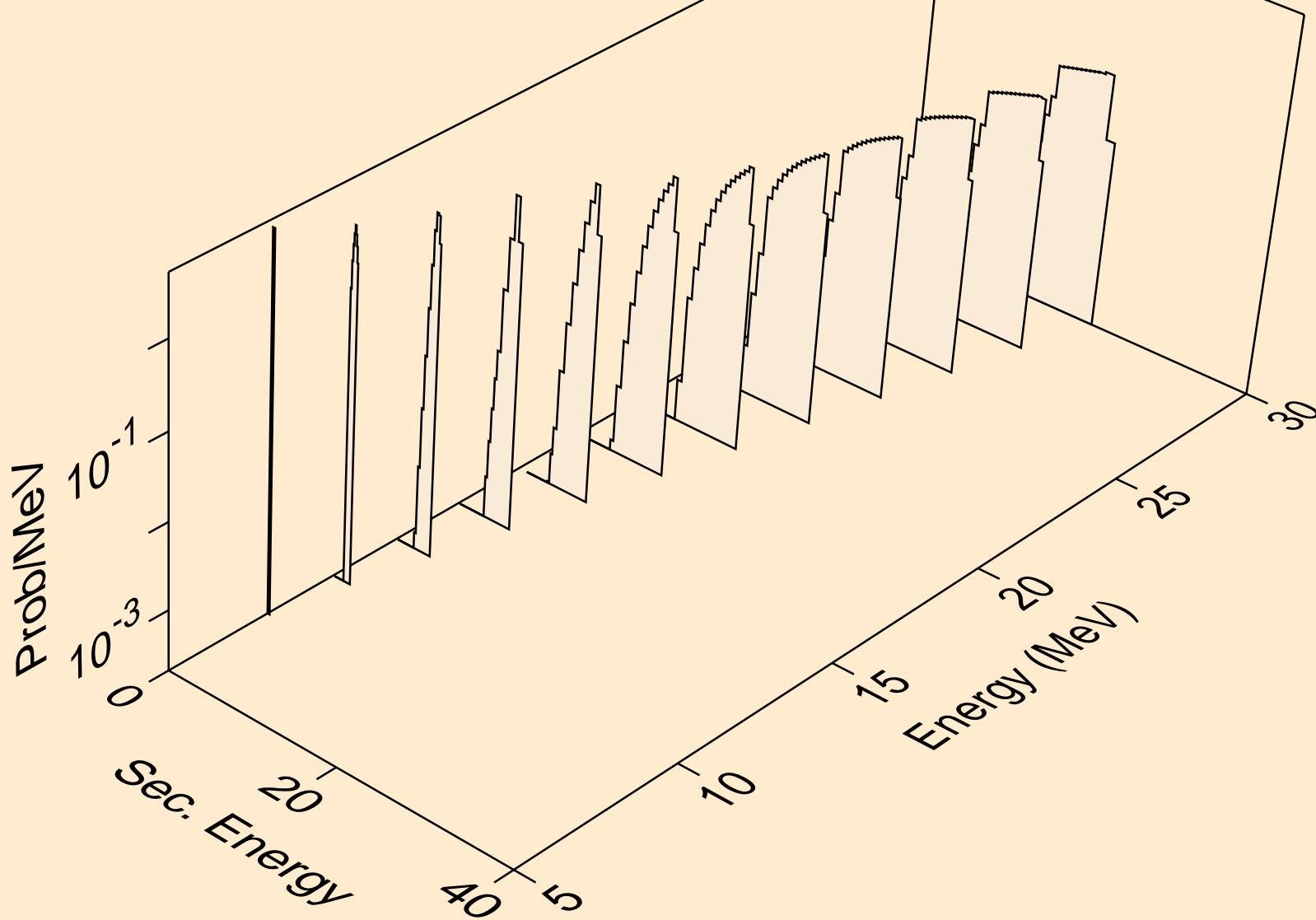
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deuterons from (n,2nd)



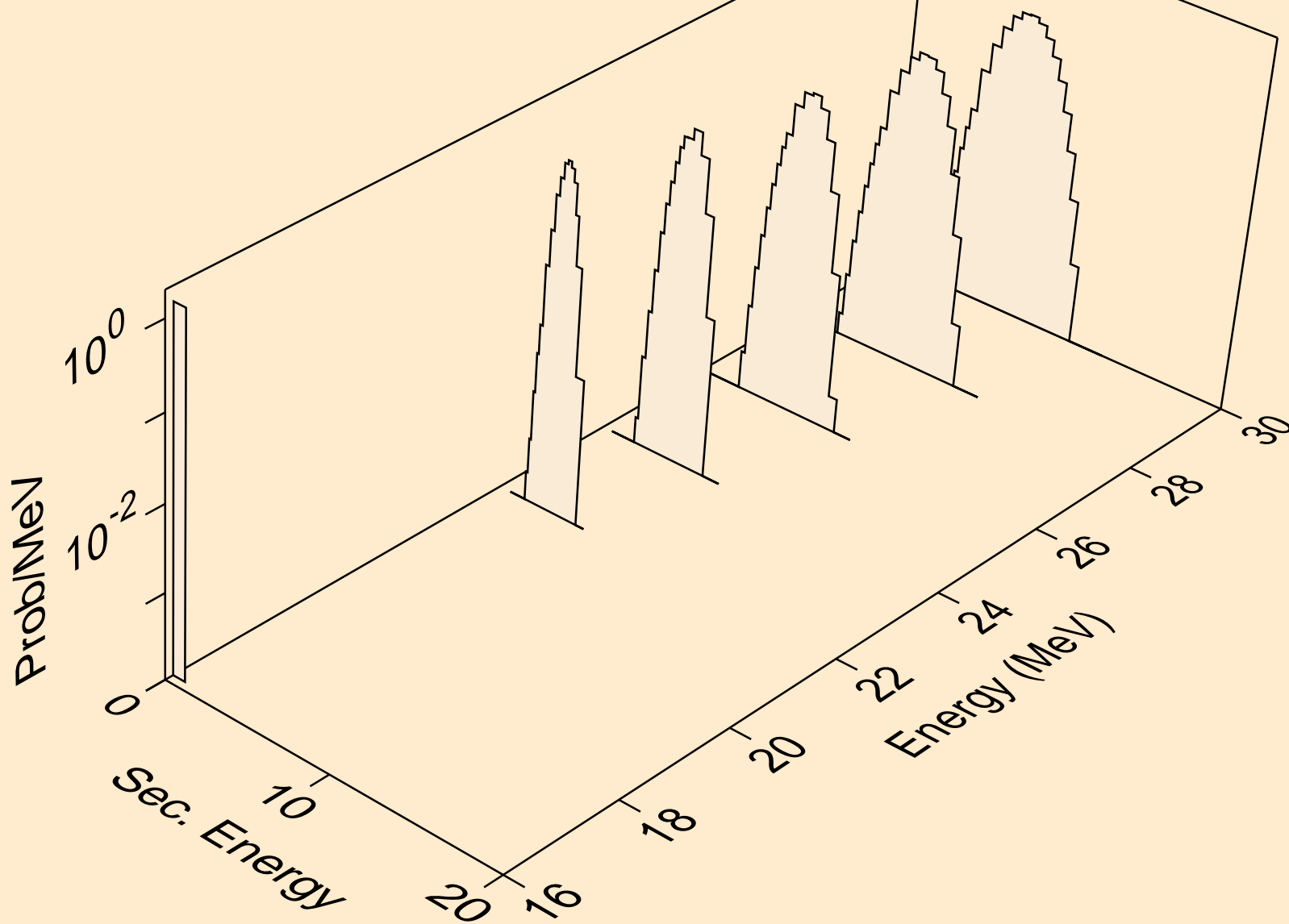
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



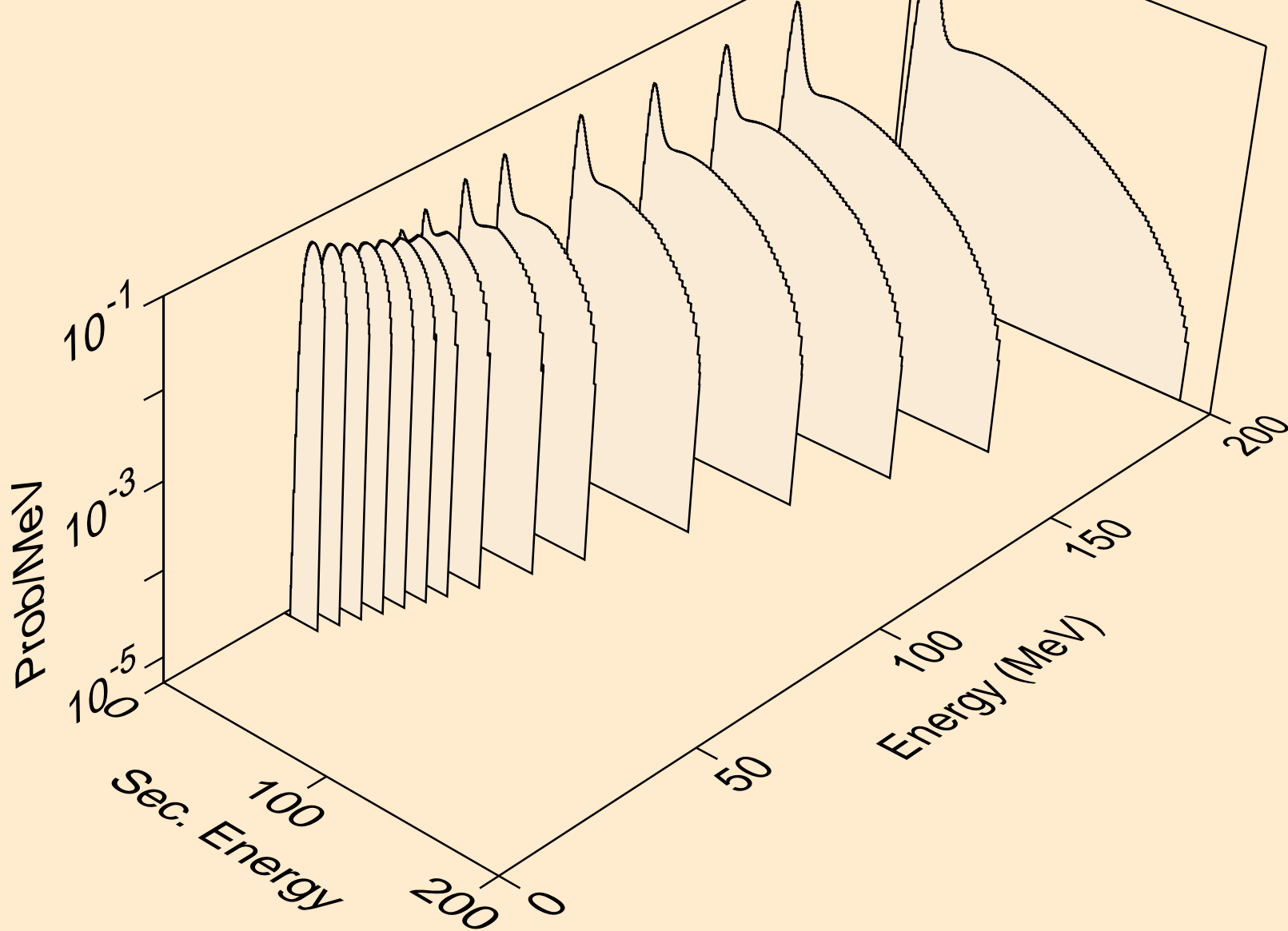
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



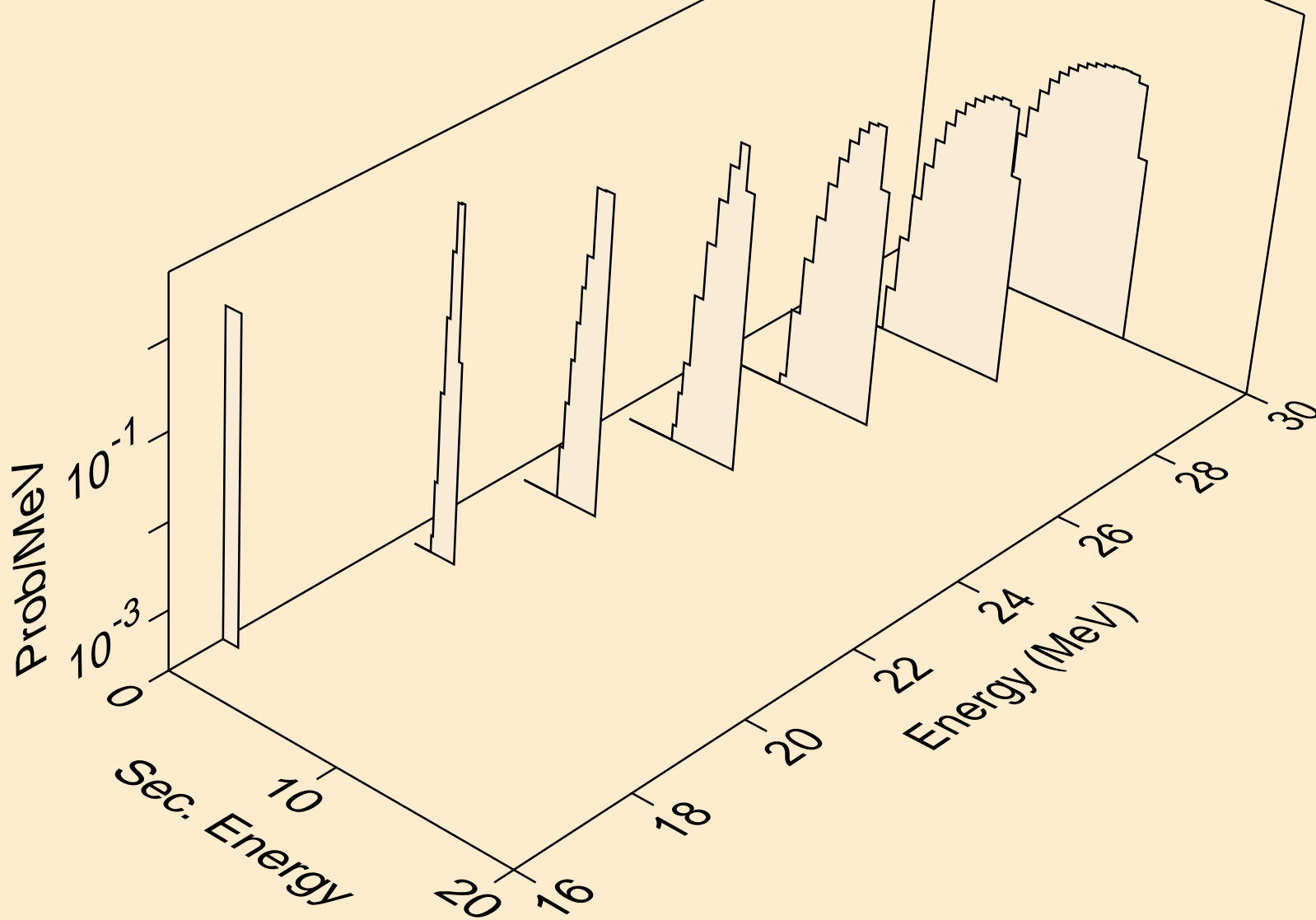
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



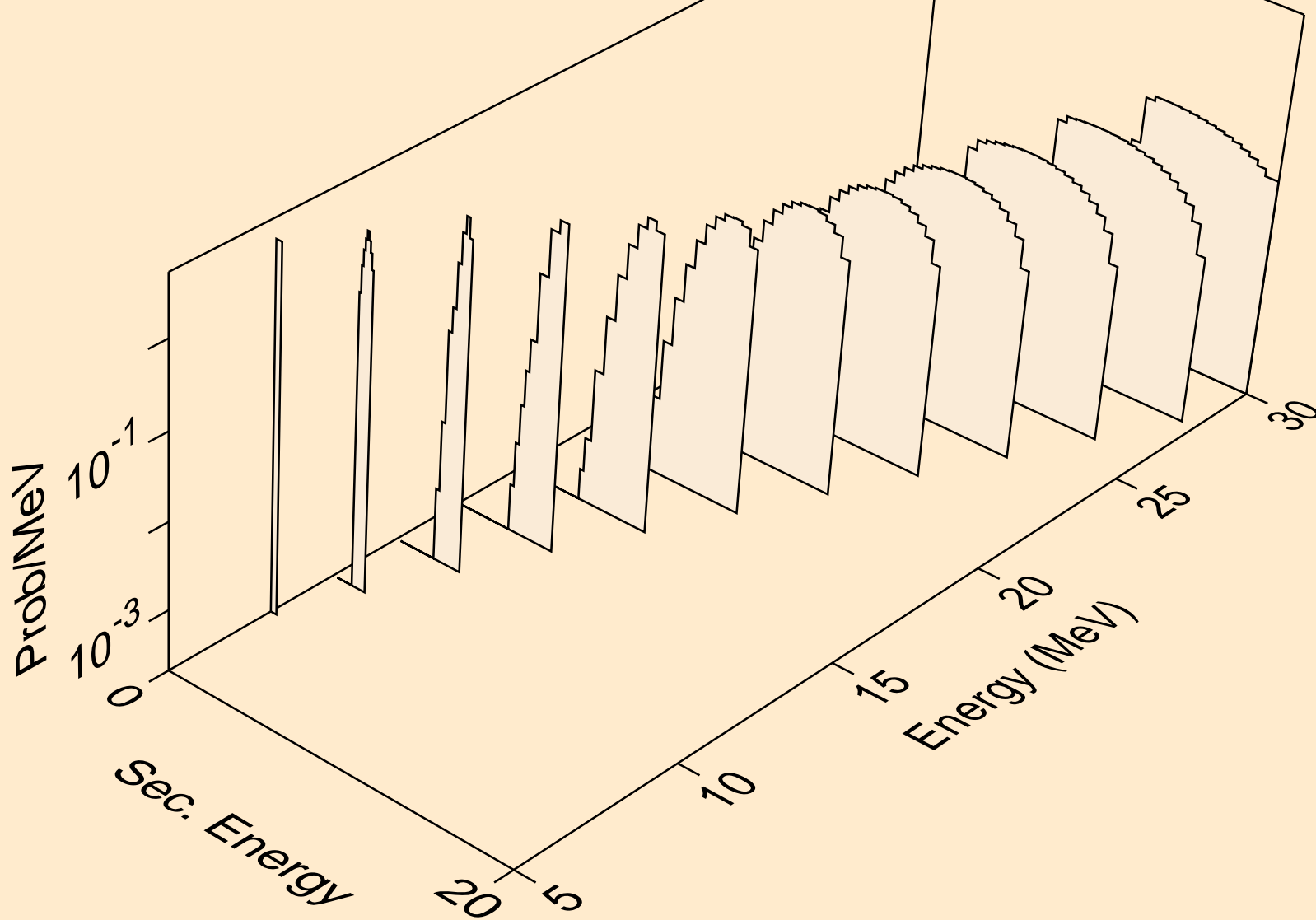
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



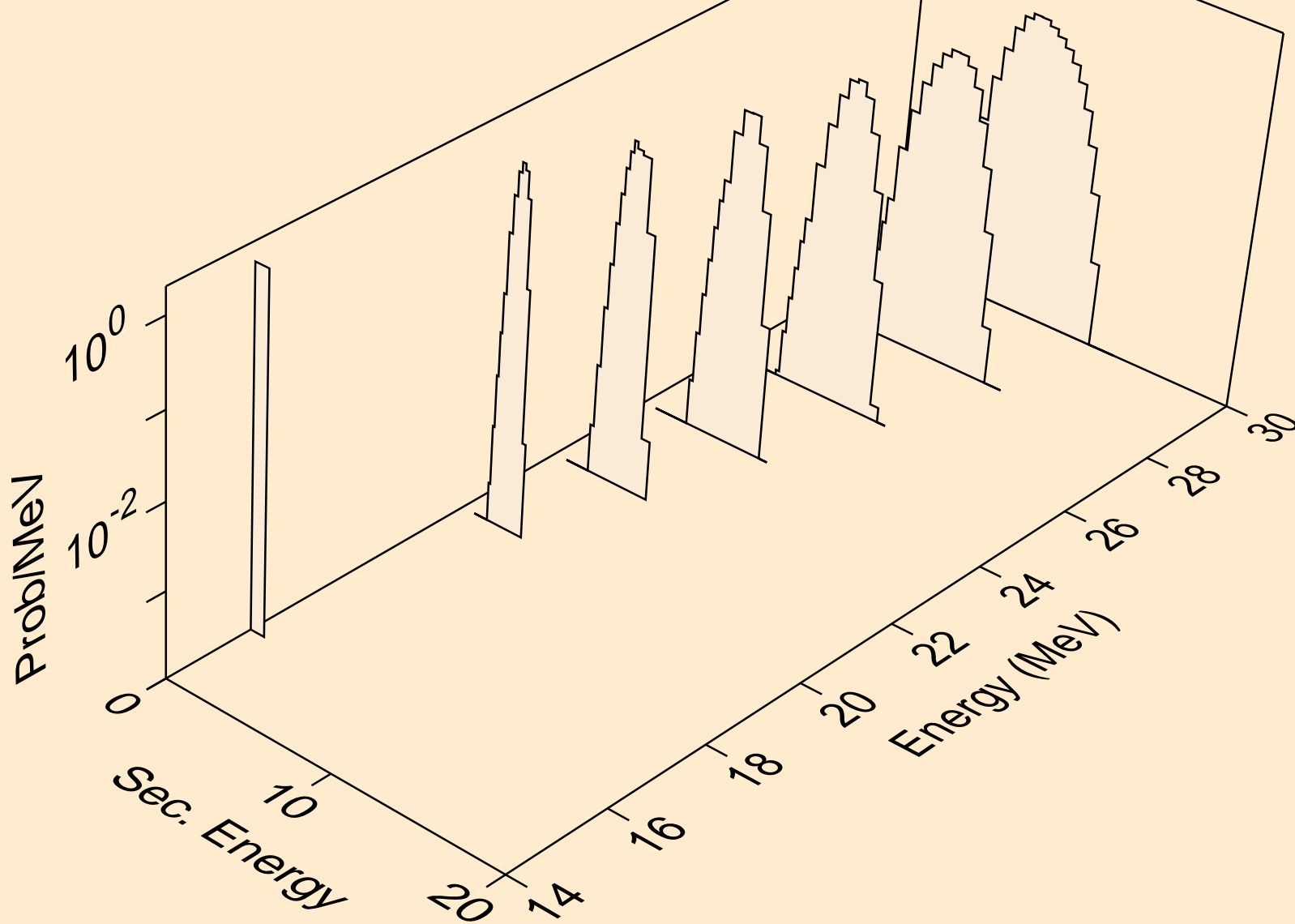
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



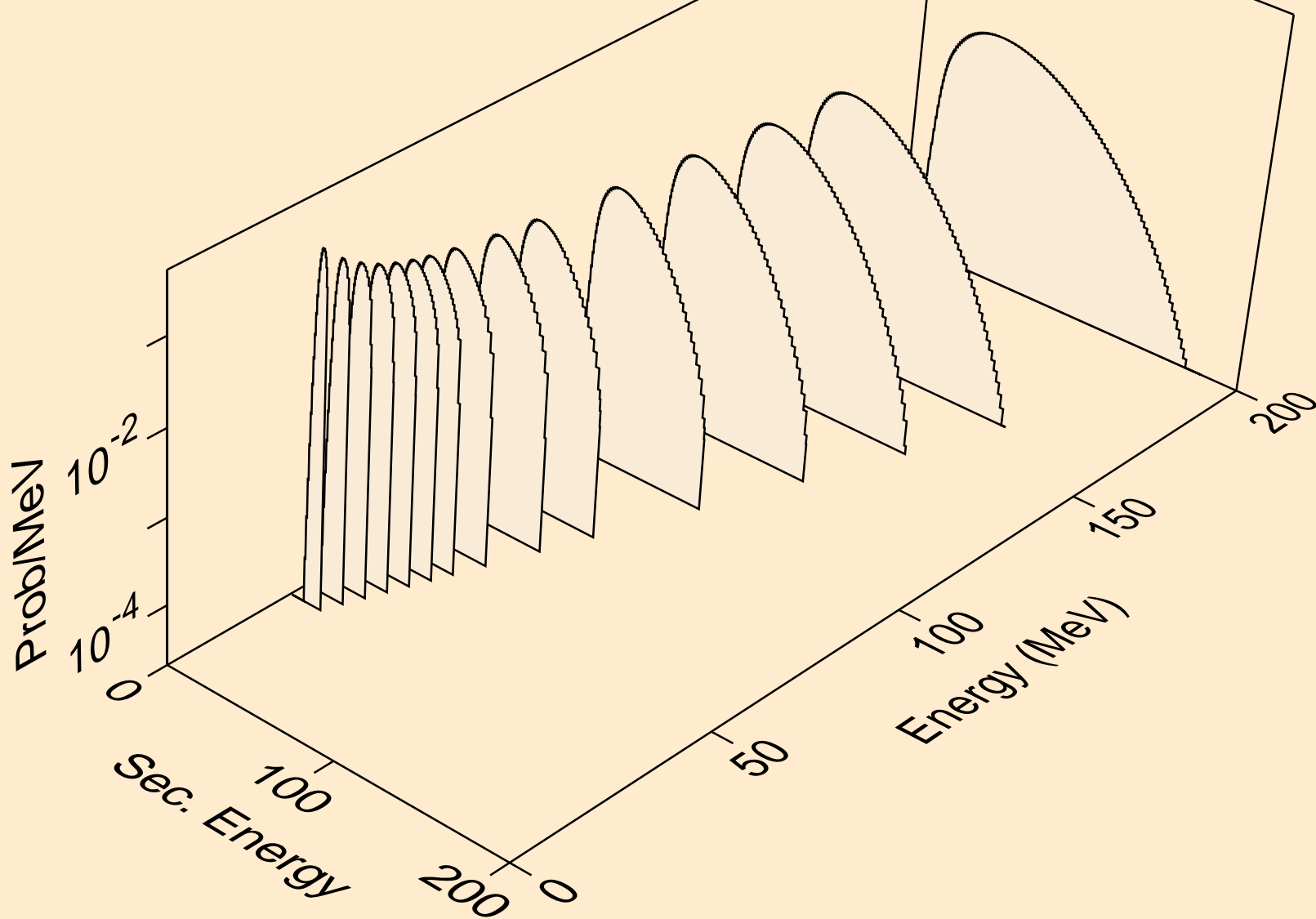
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



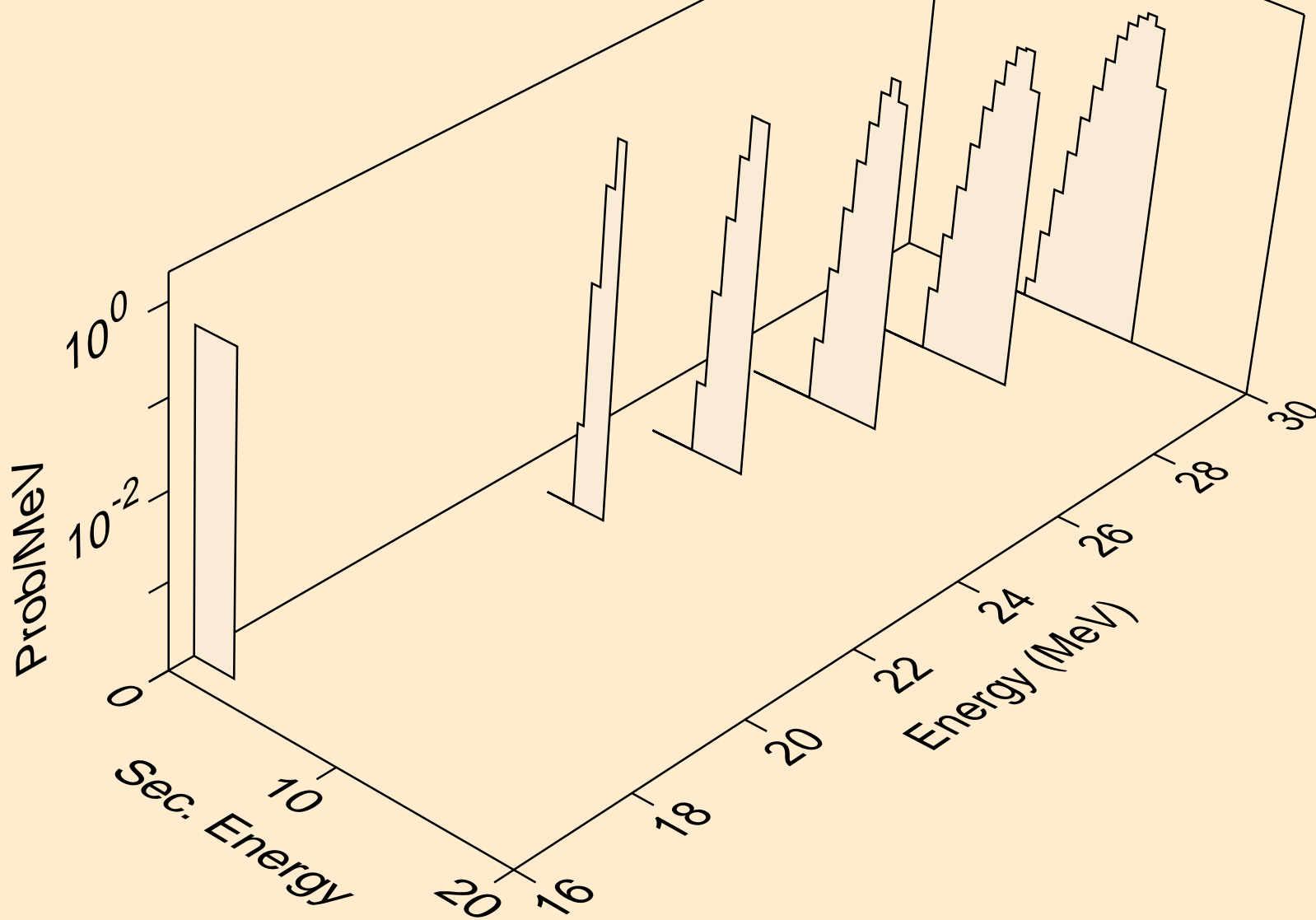
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



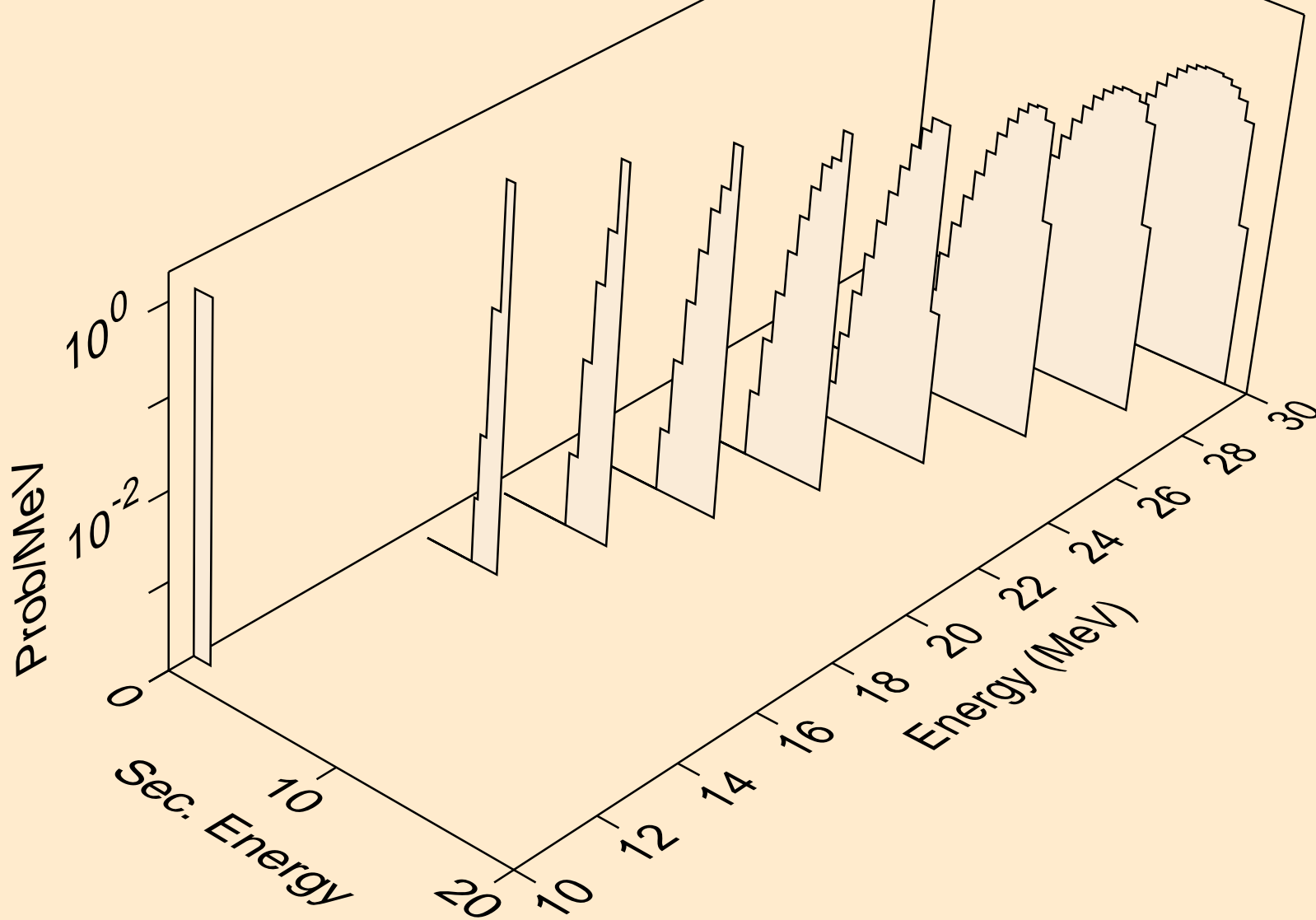
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



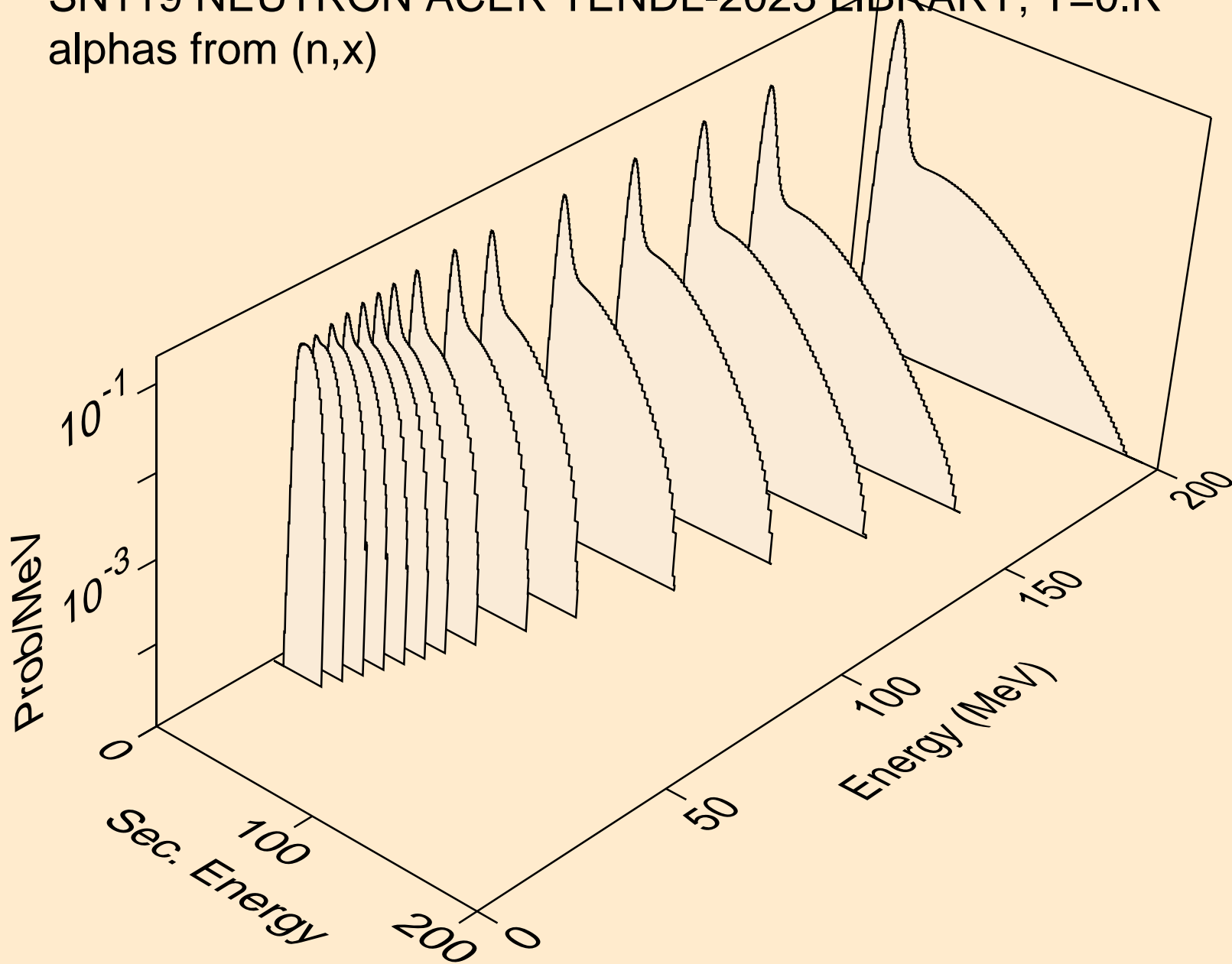
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



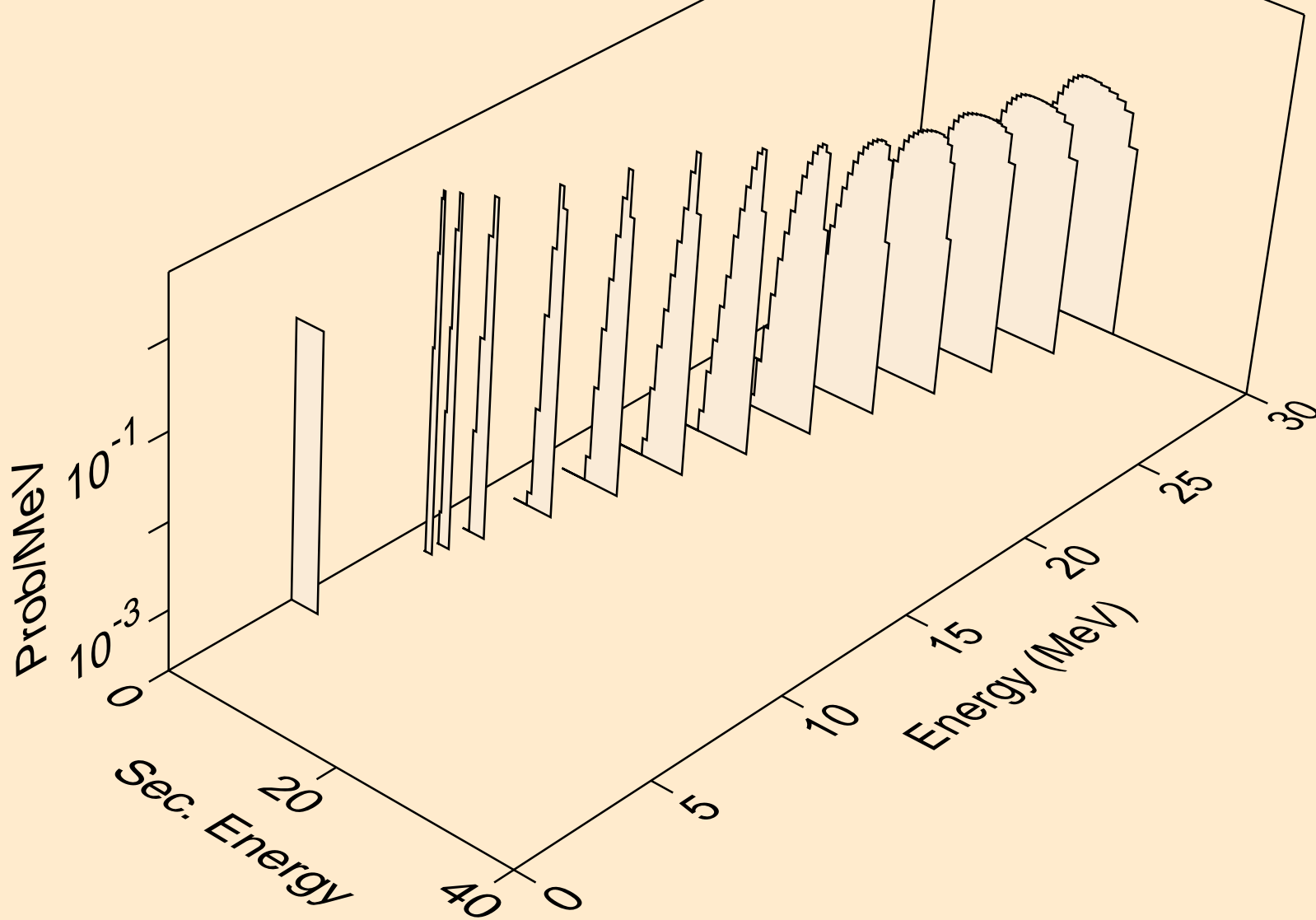
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



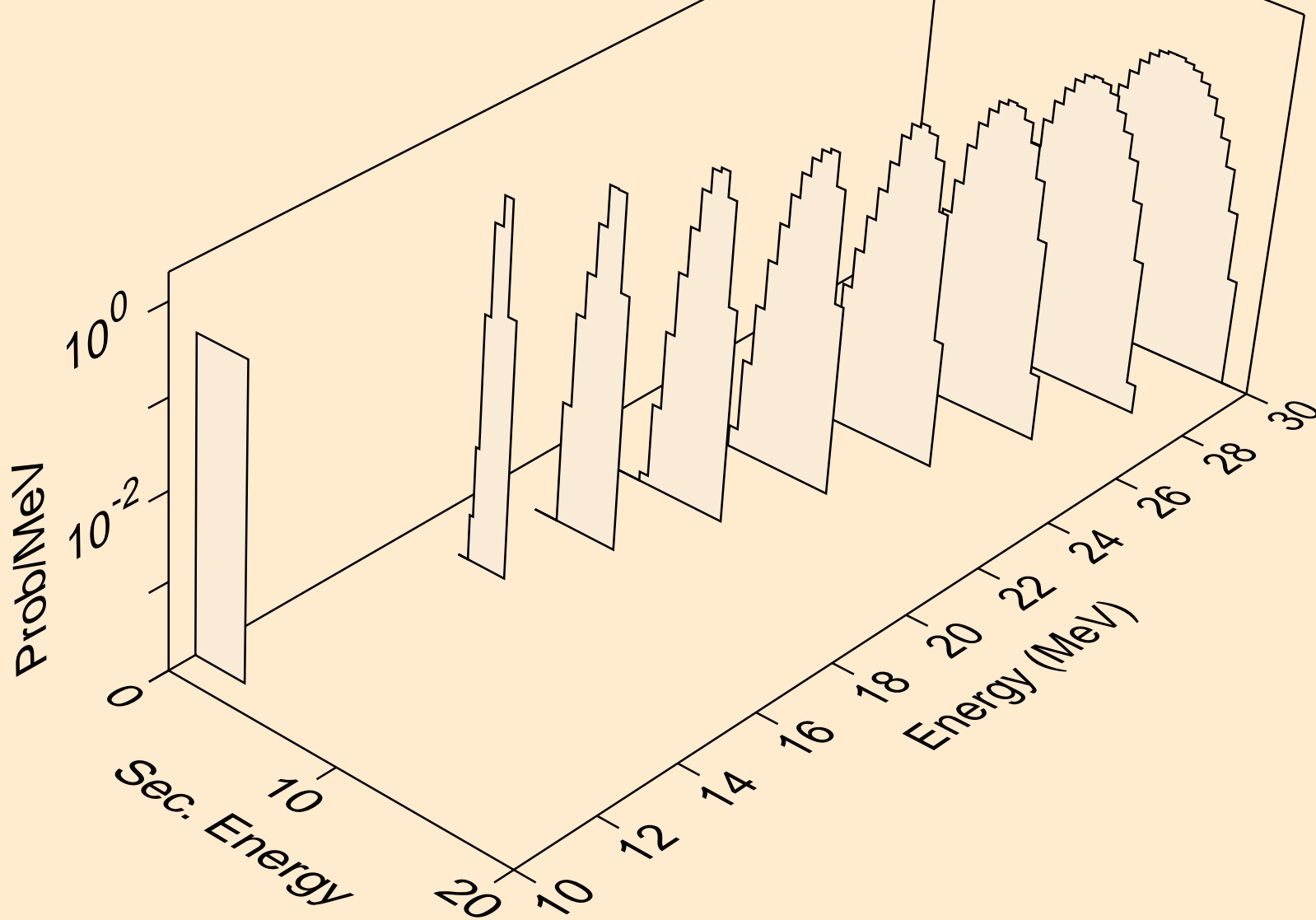
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



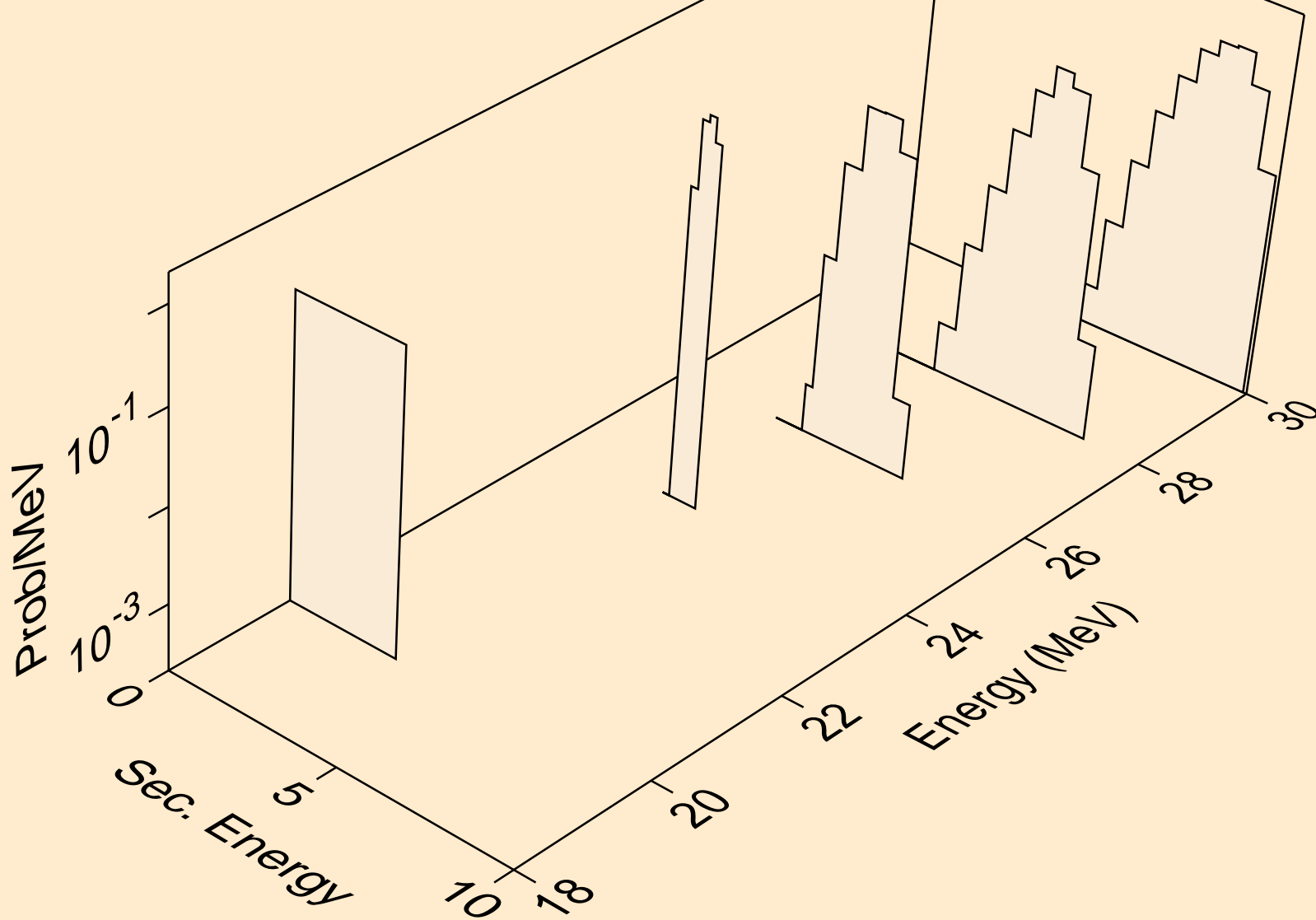
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



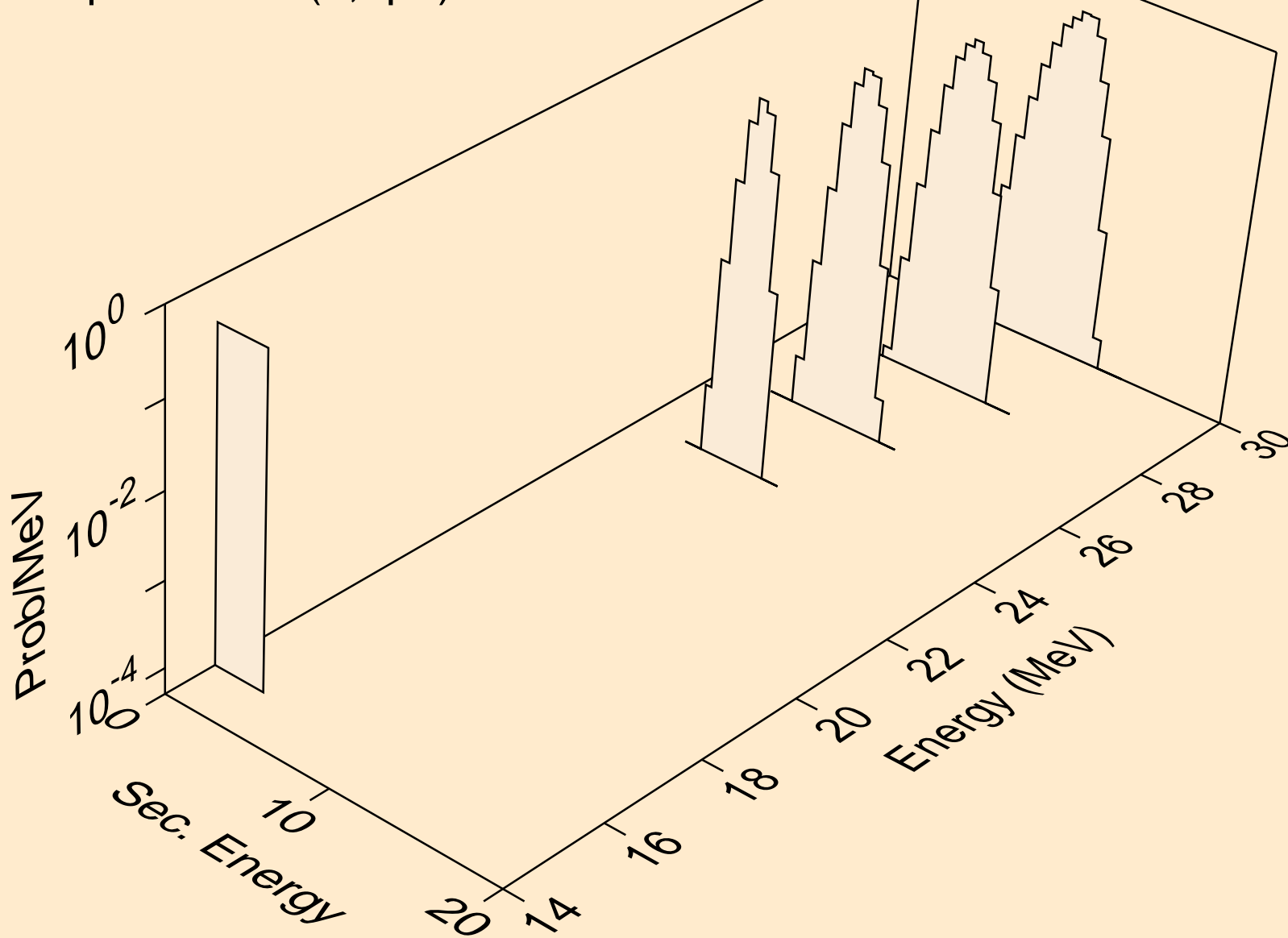
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



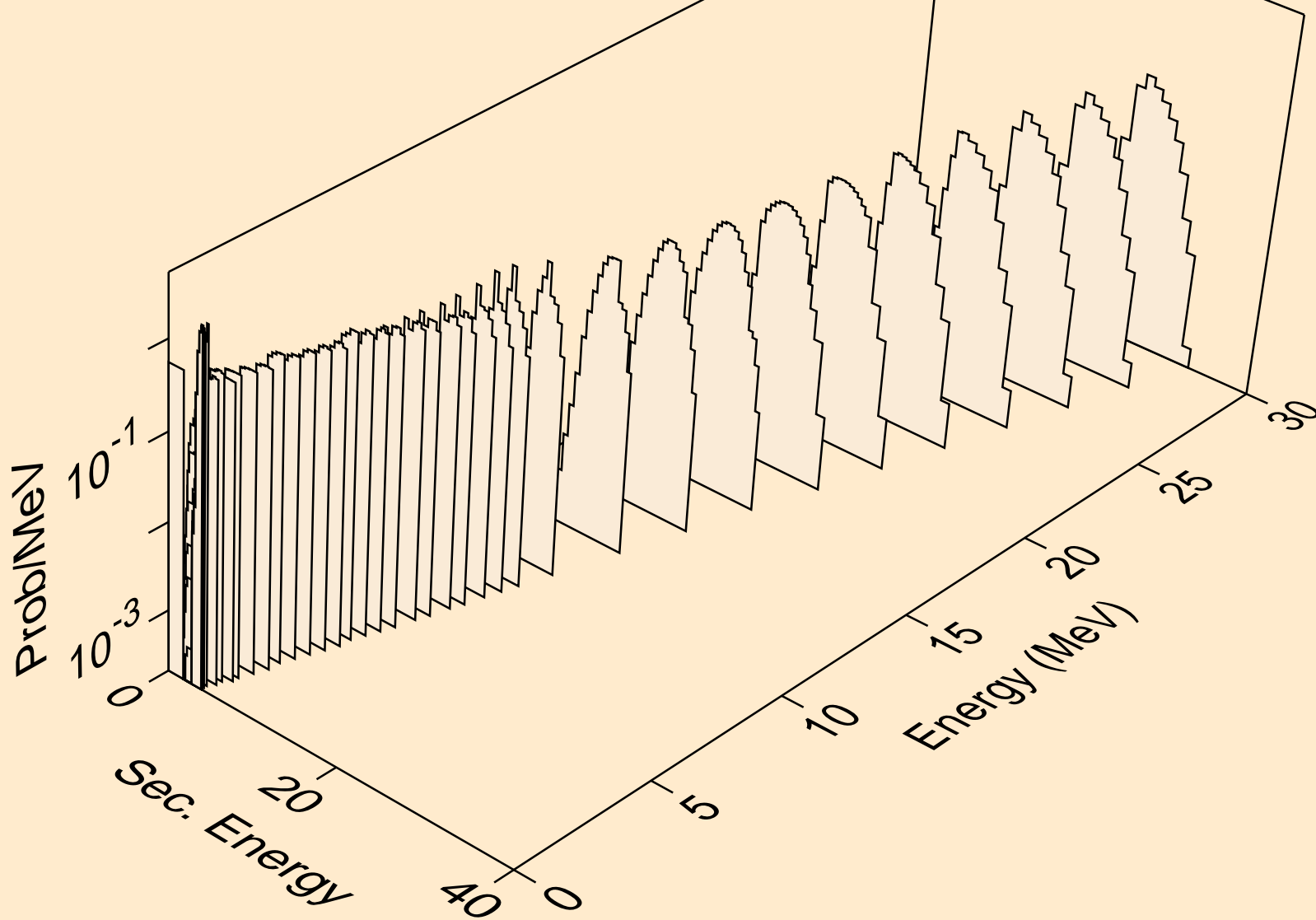
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



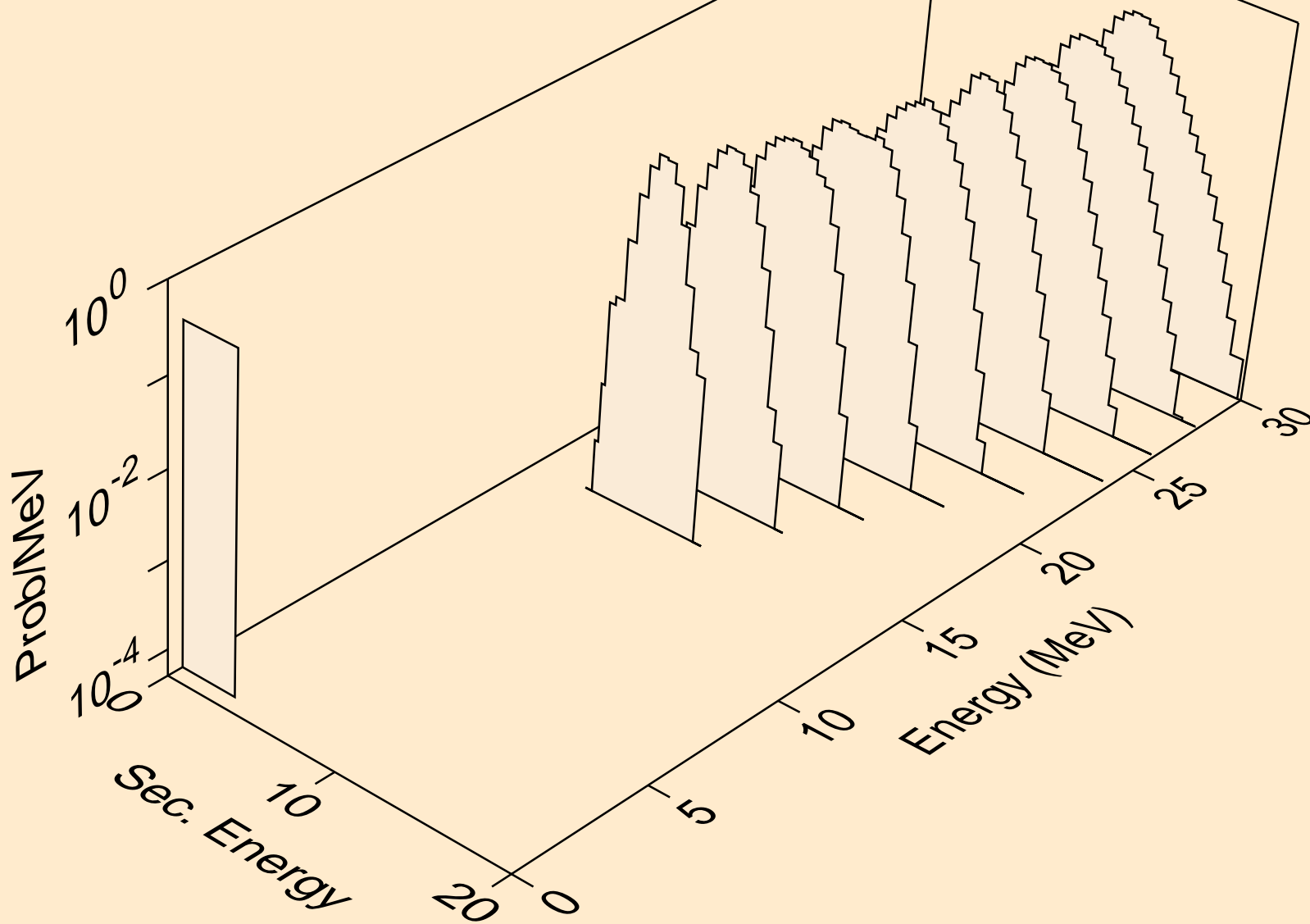
SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



SN119 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

