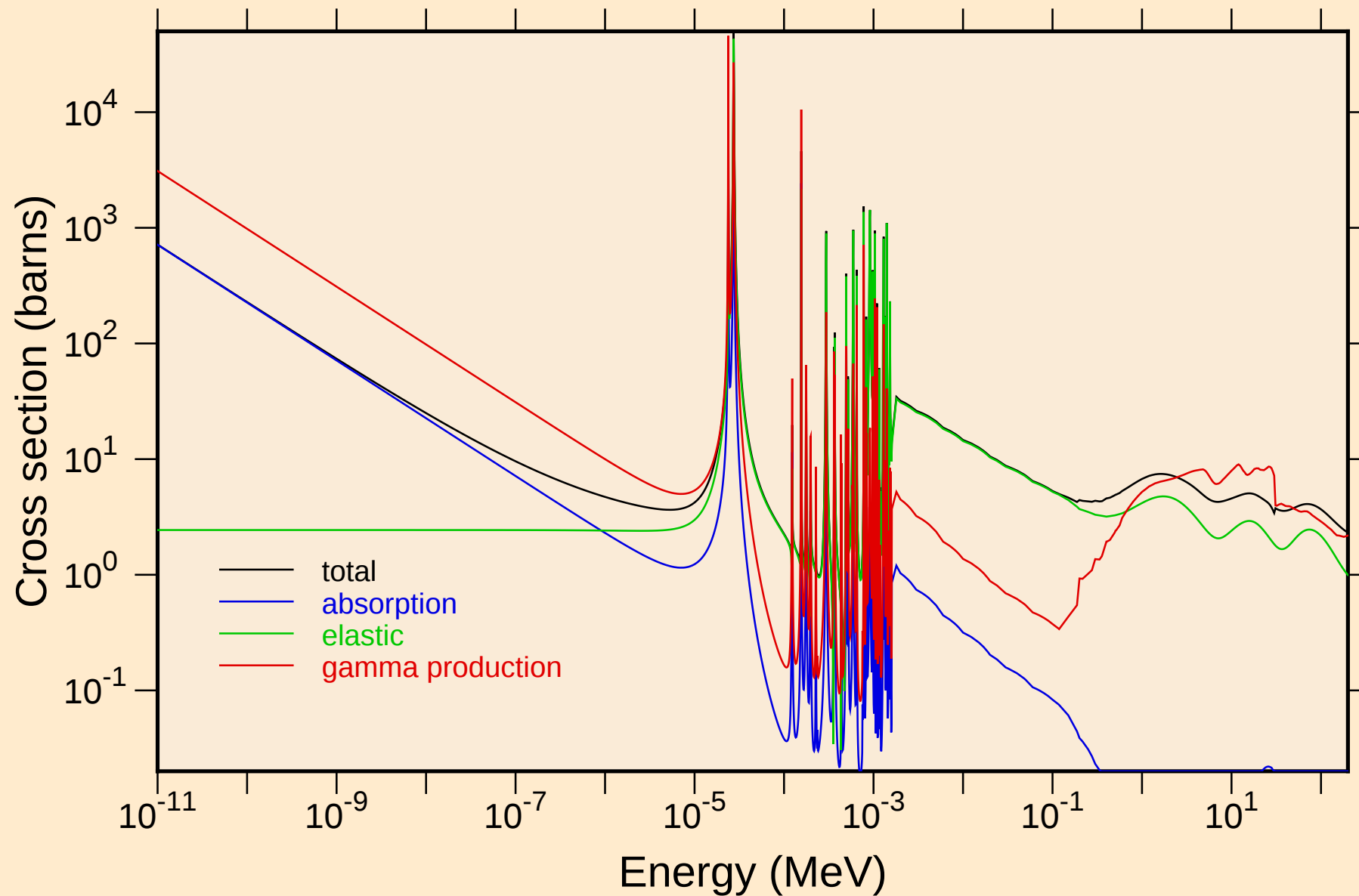
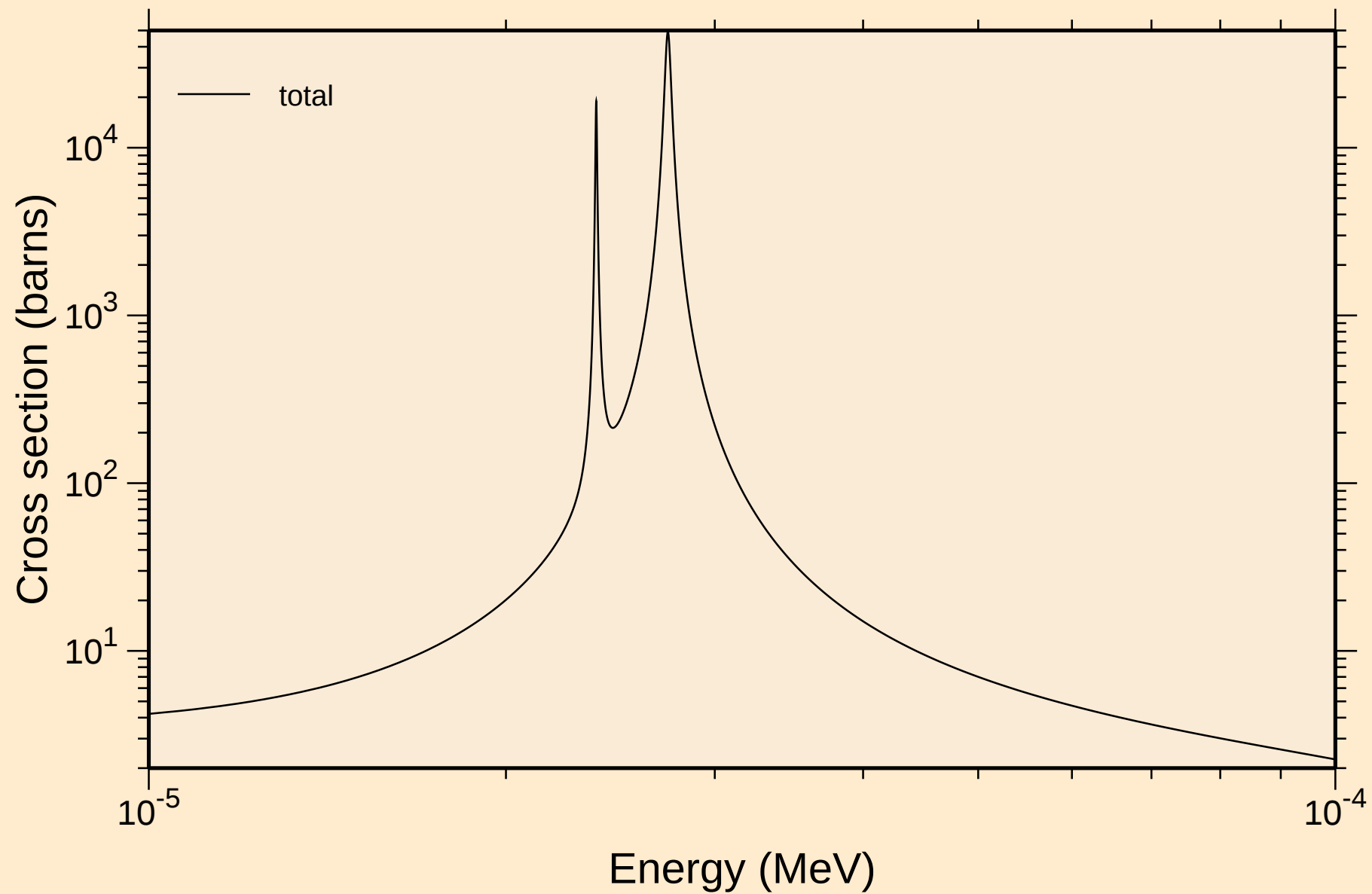


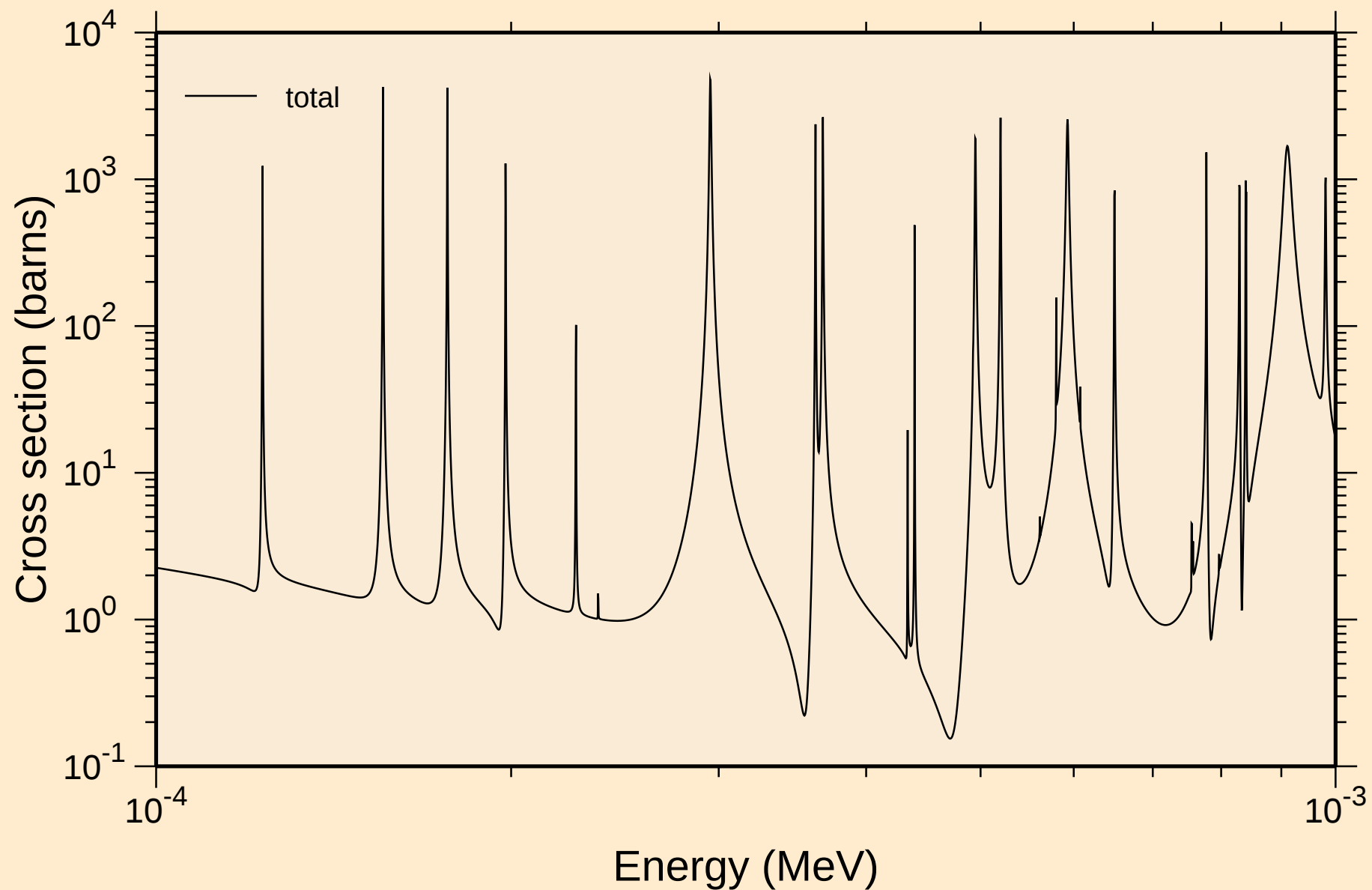
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



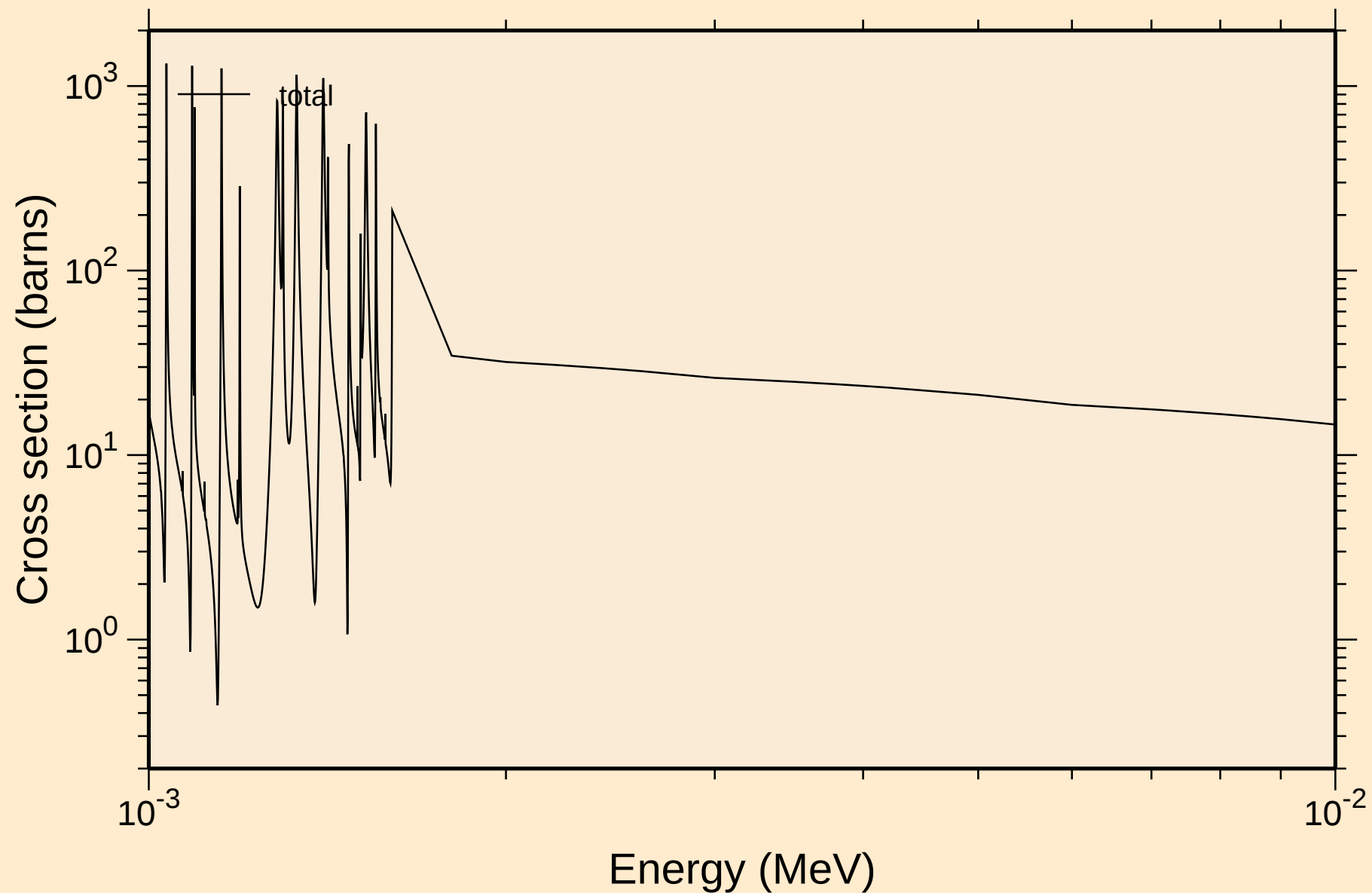
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



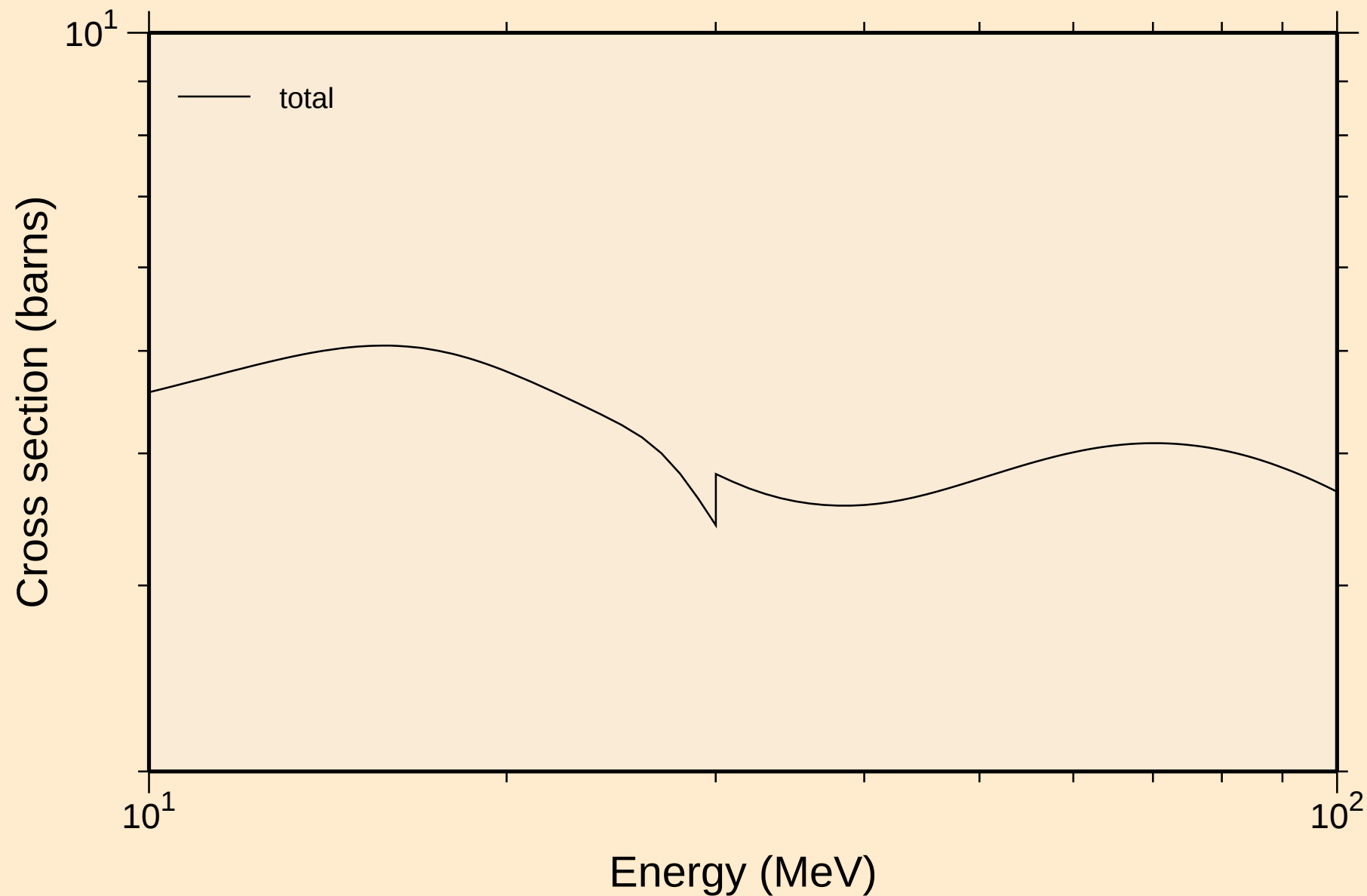
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



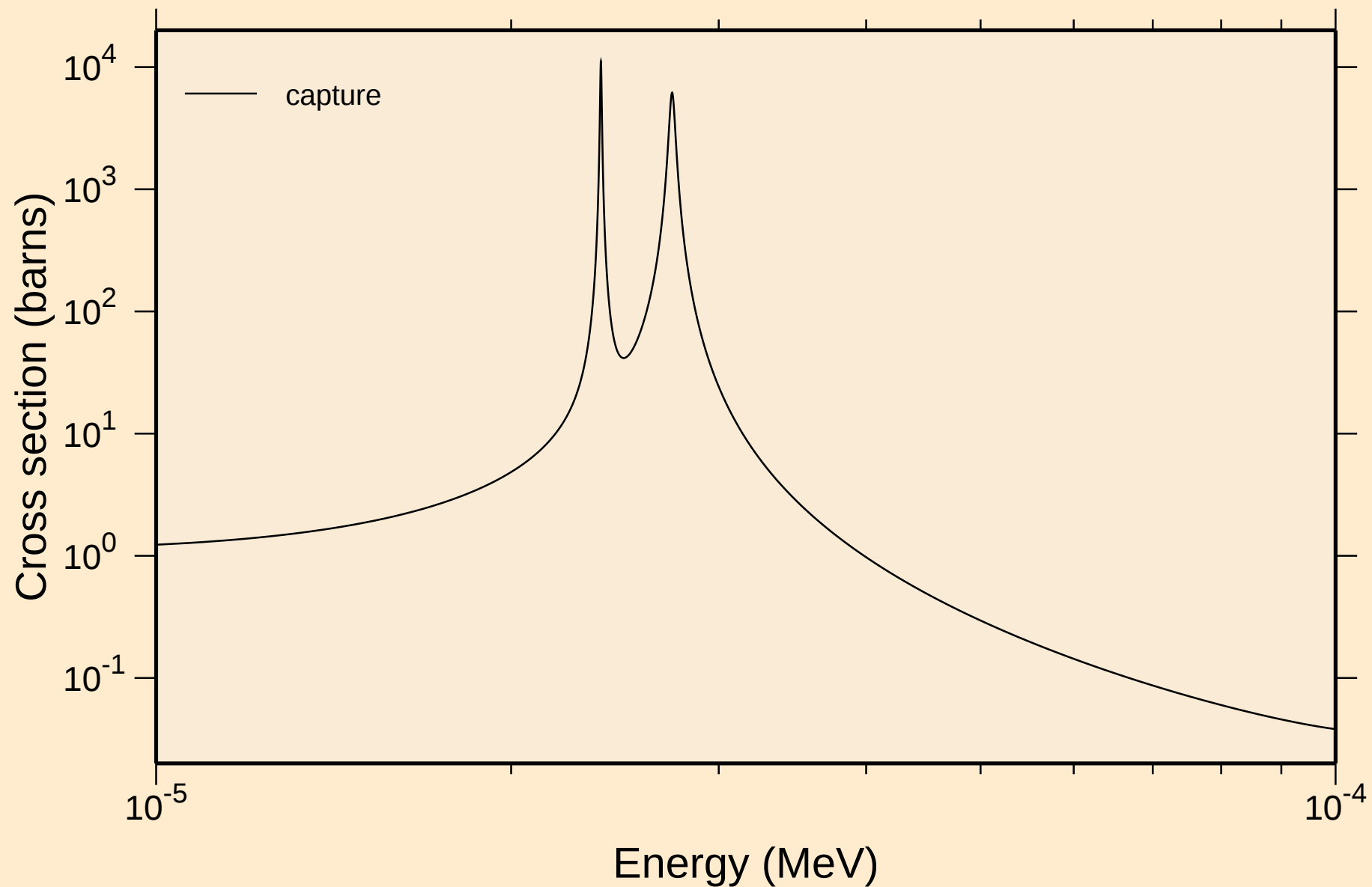
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



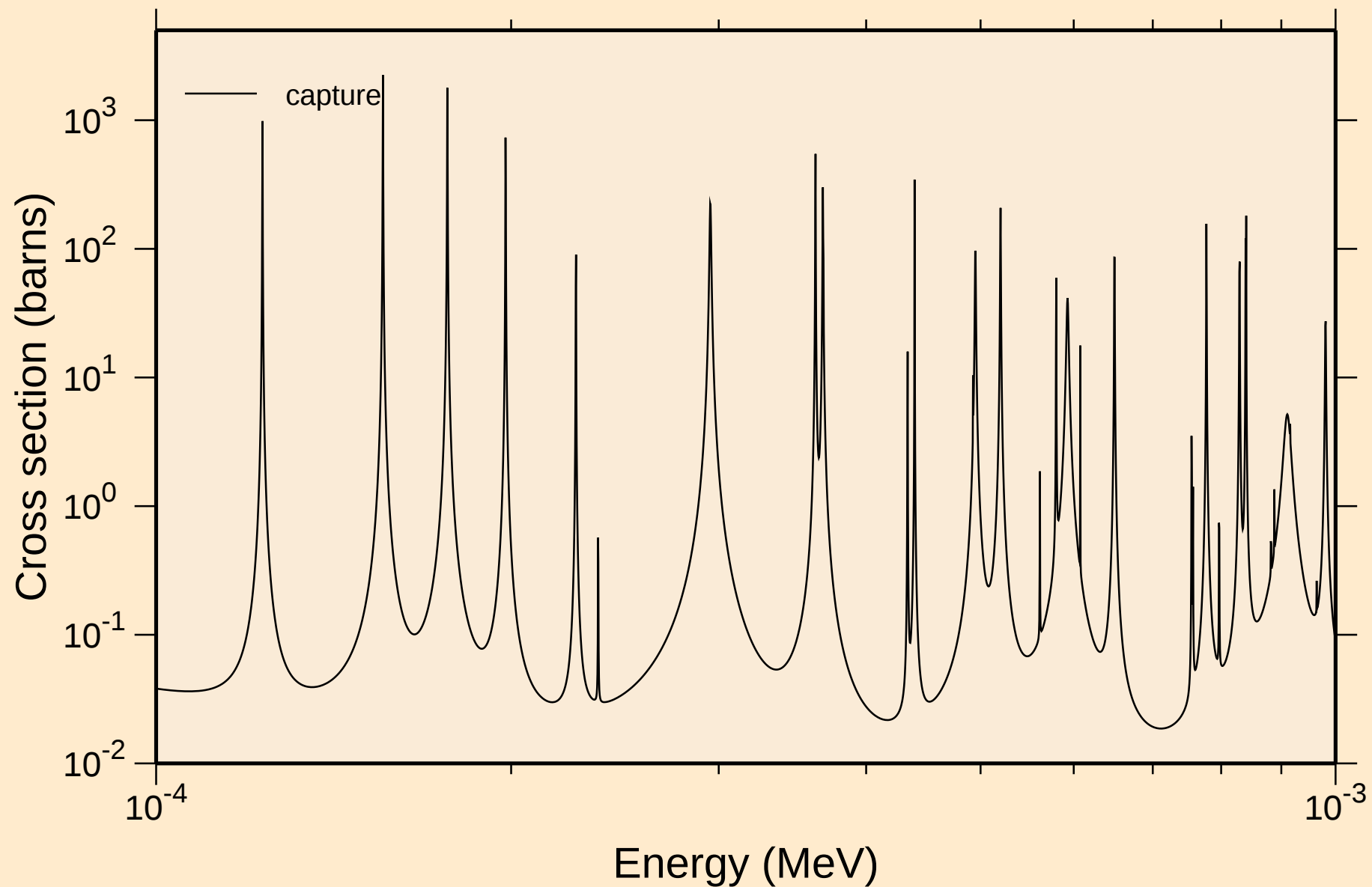
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



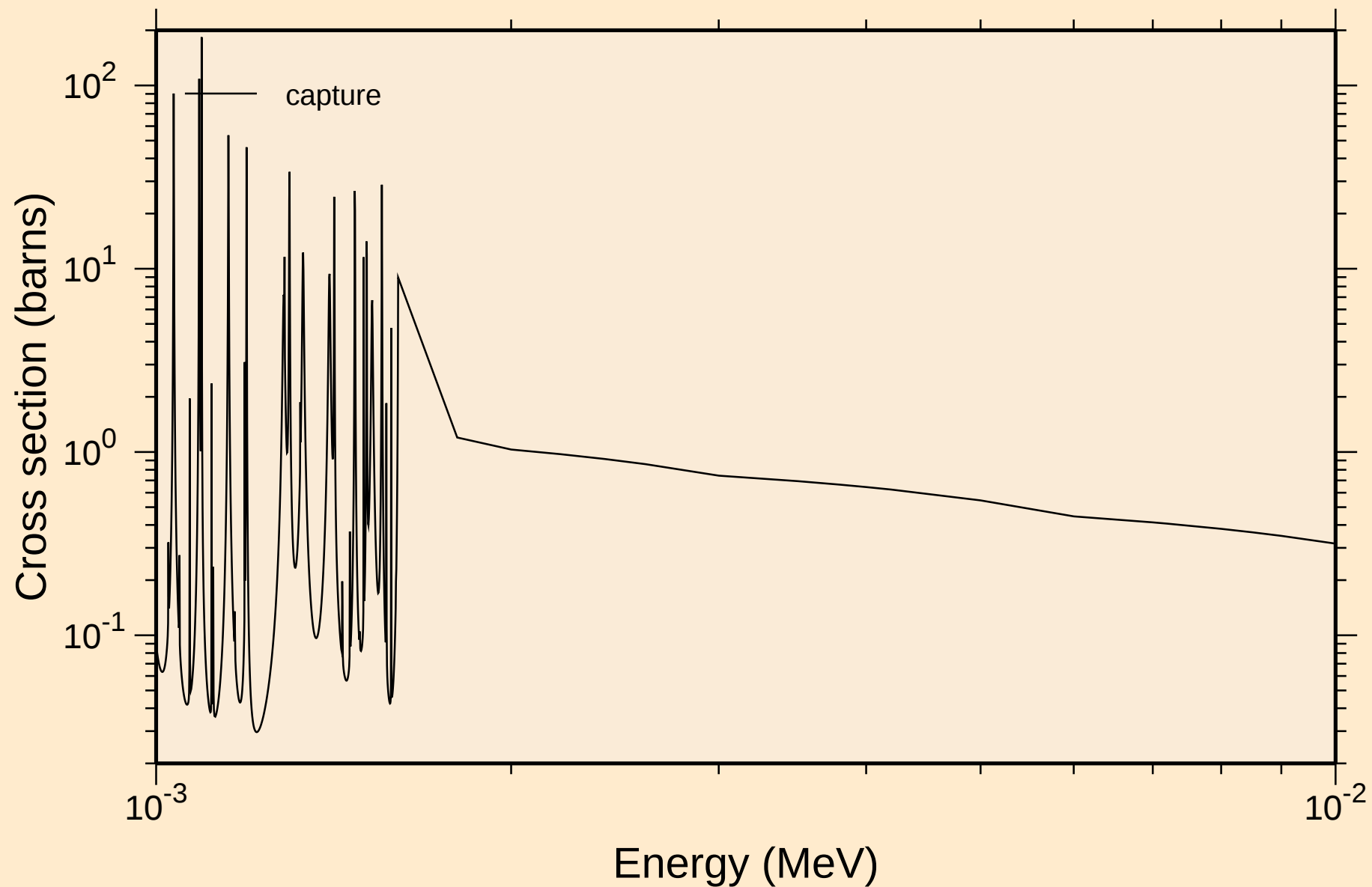
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



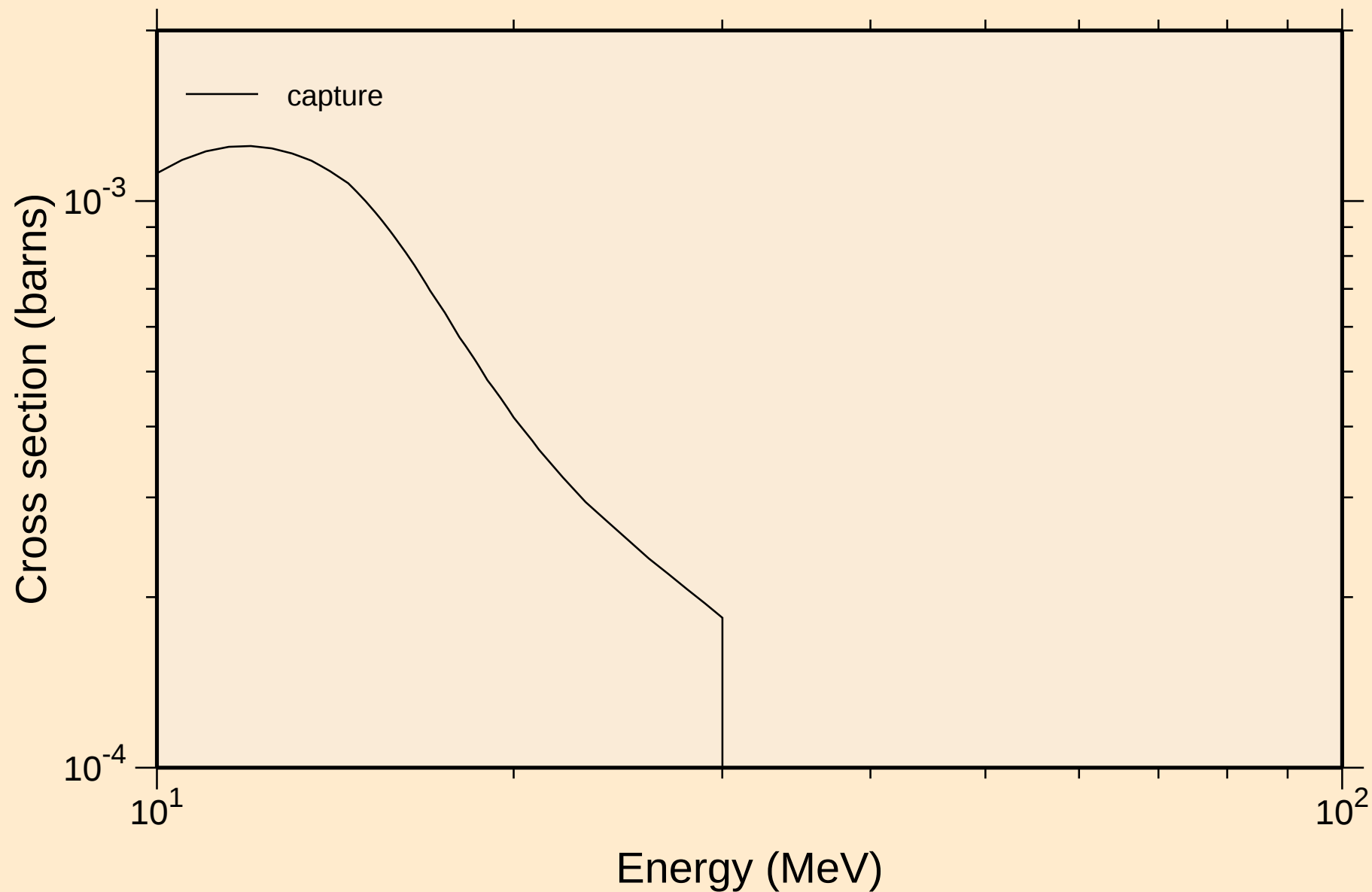
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

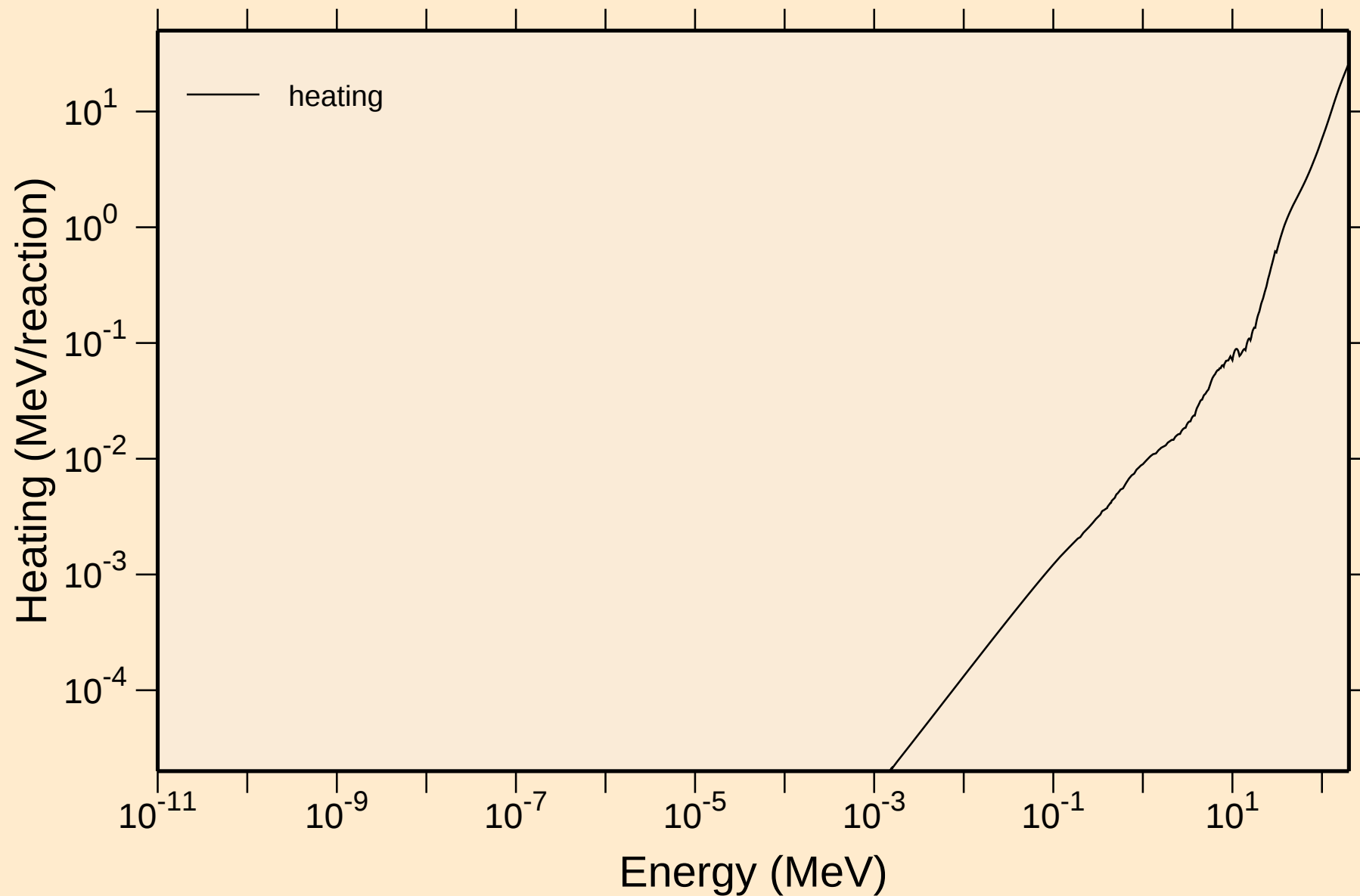


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



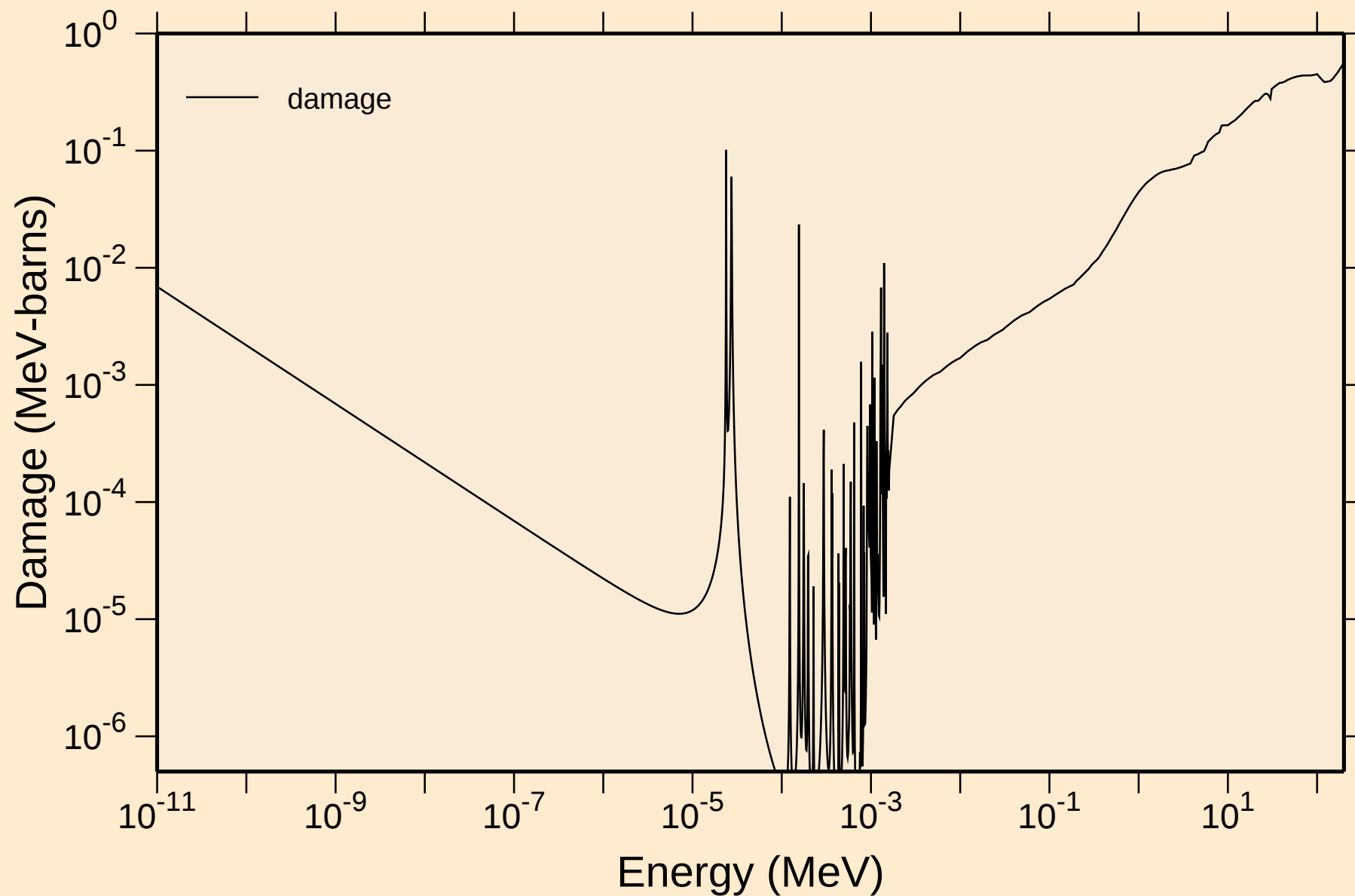
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

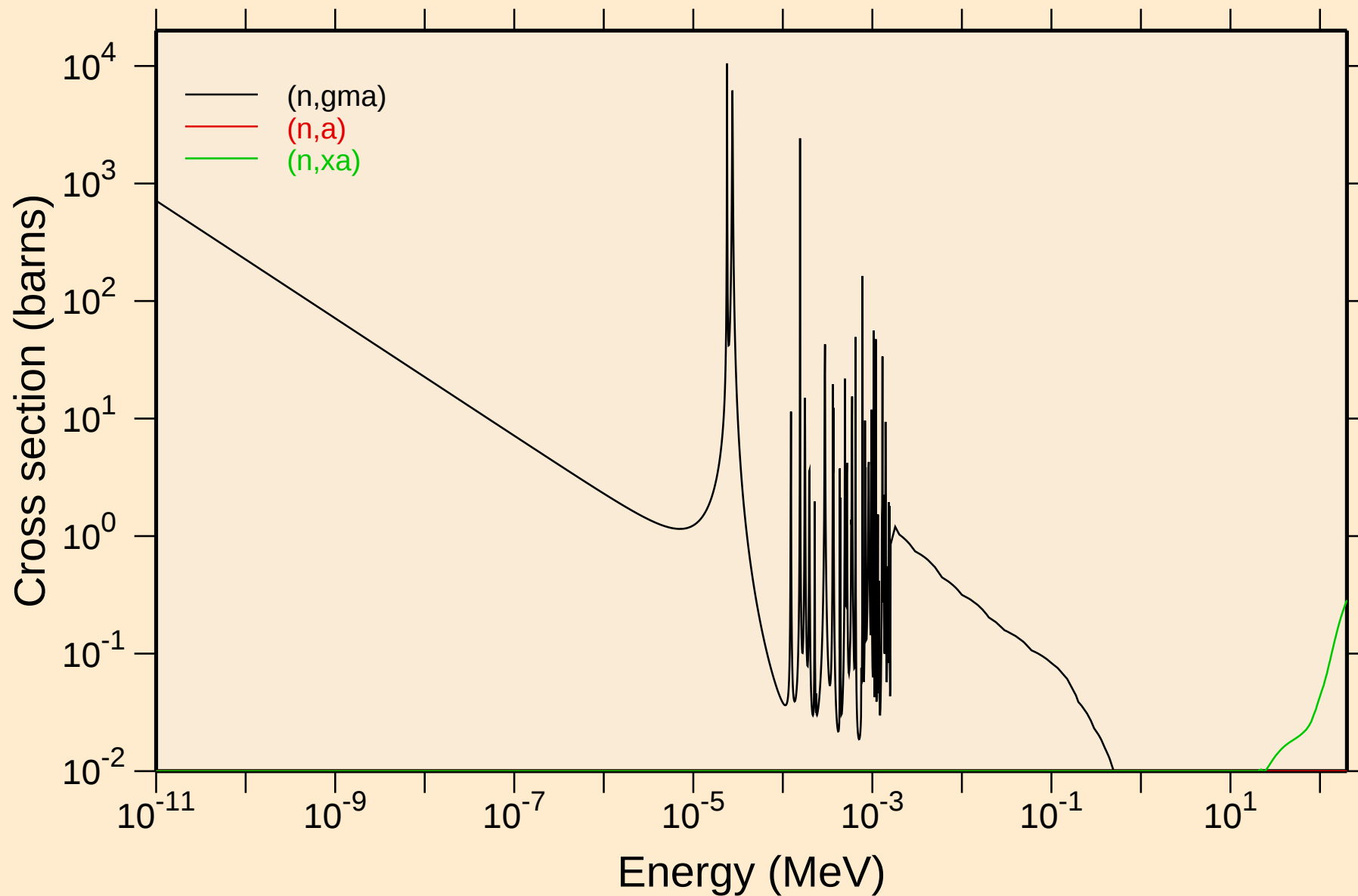


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

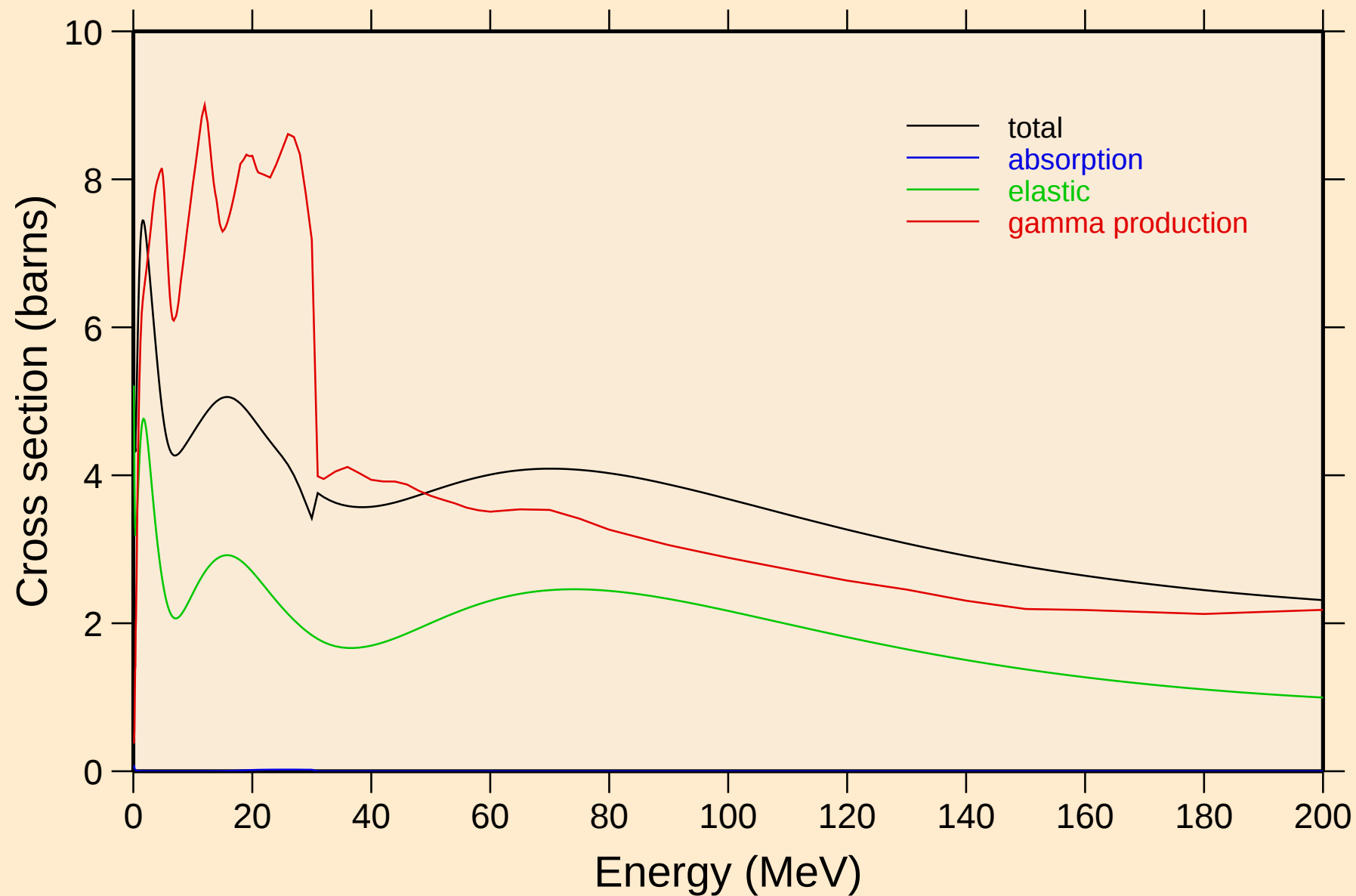


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



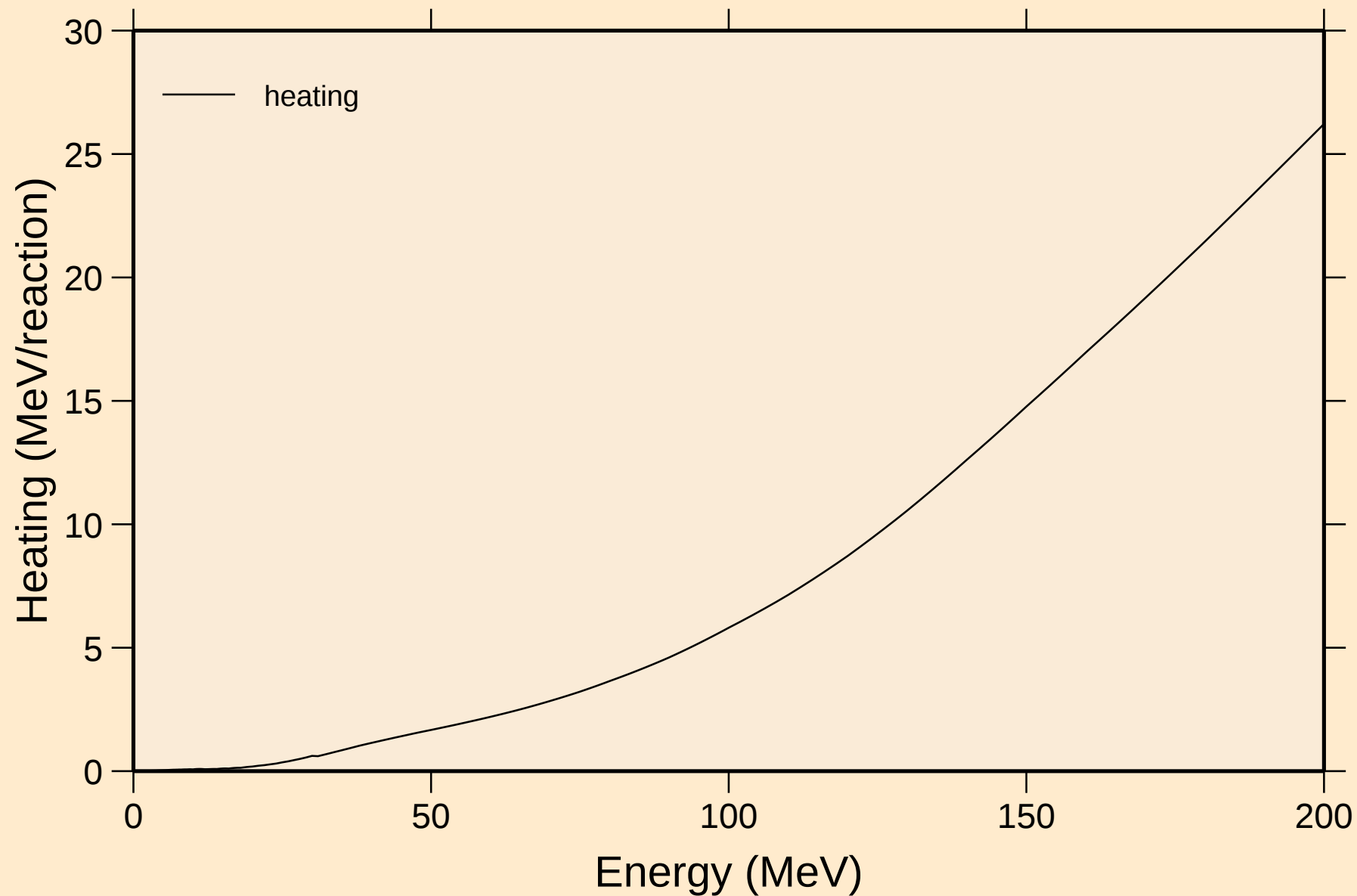
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



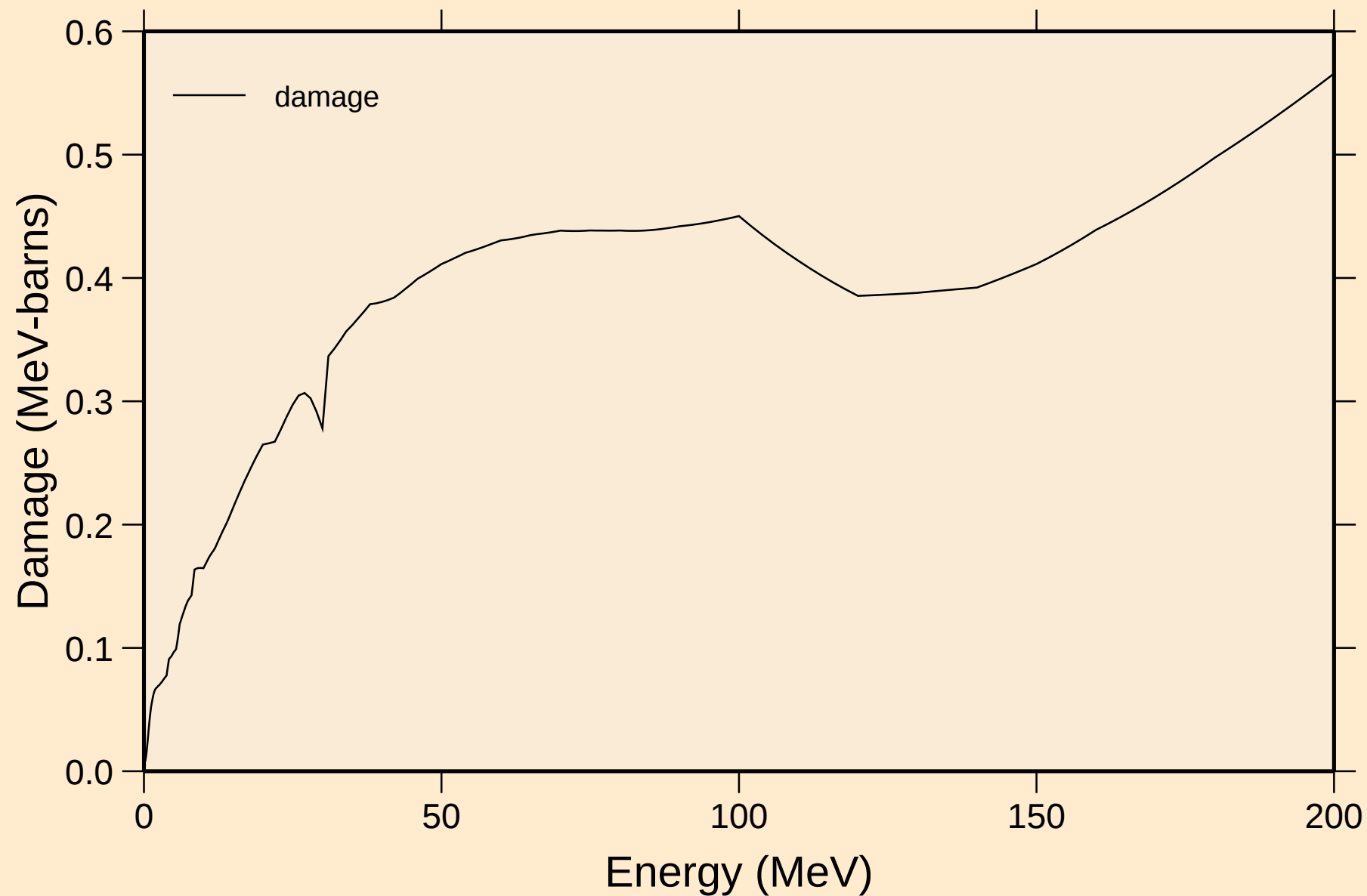
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Heating

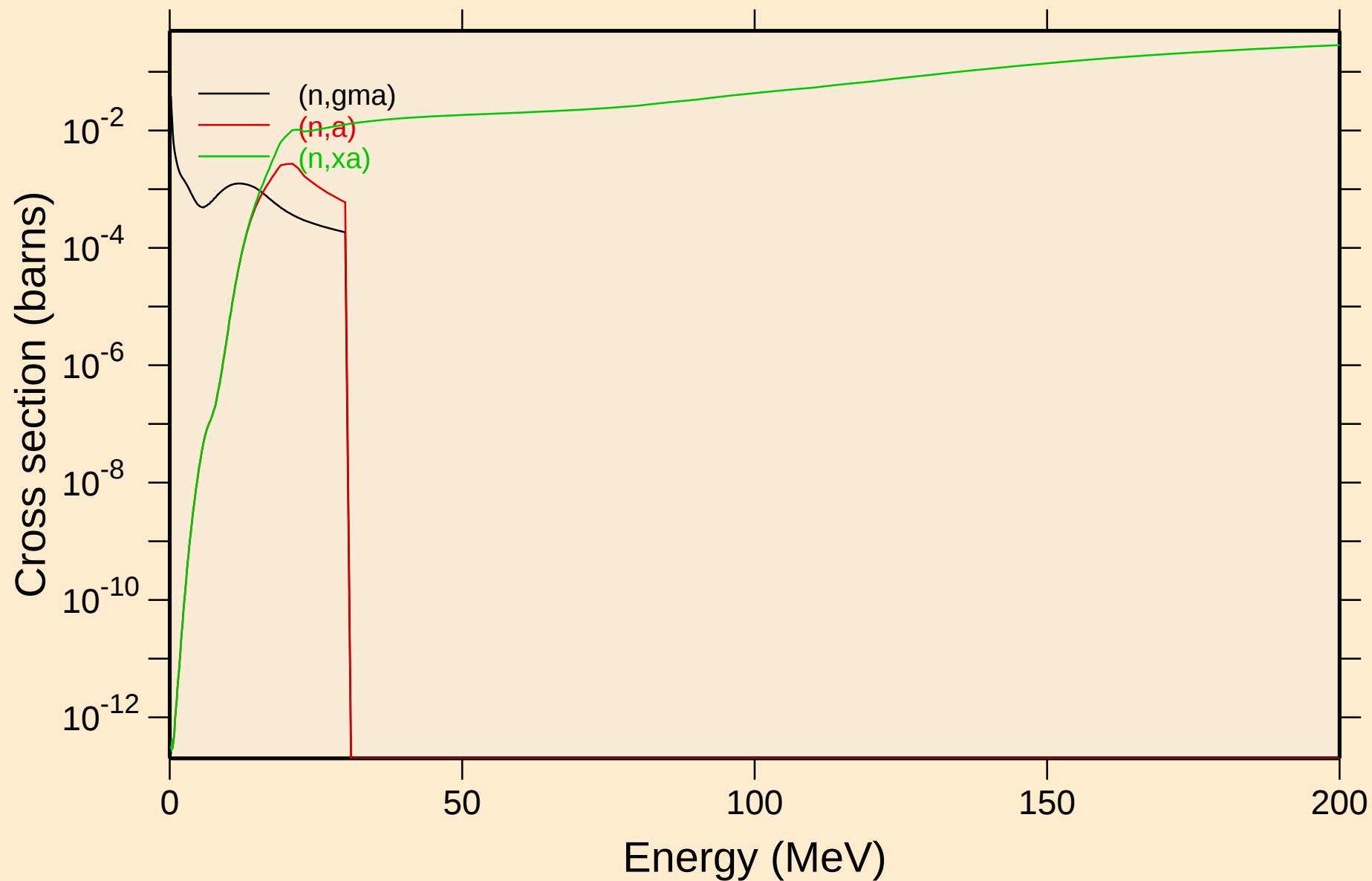


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

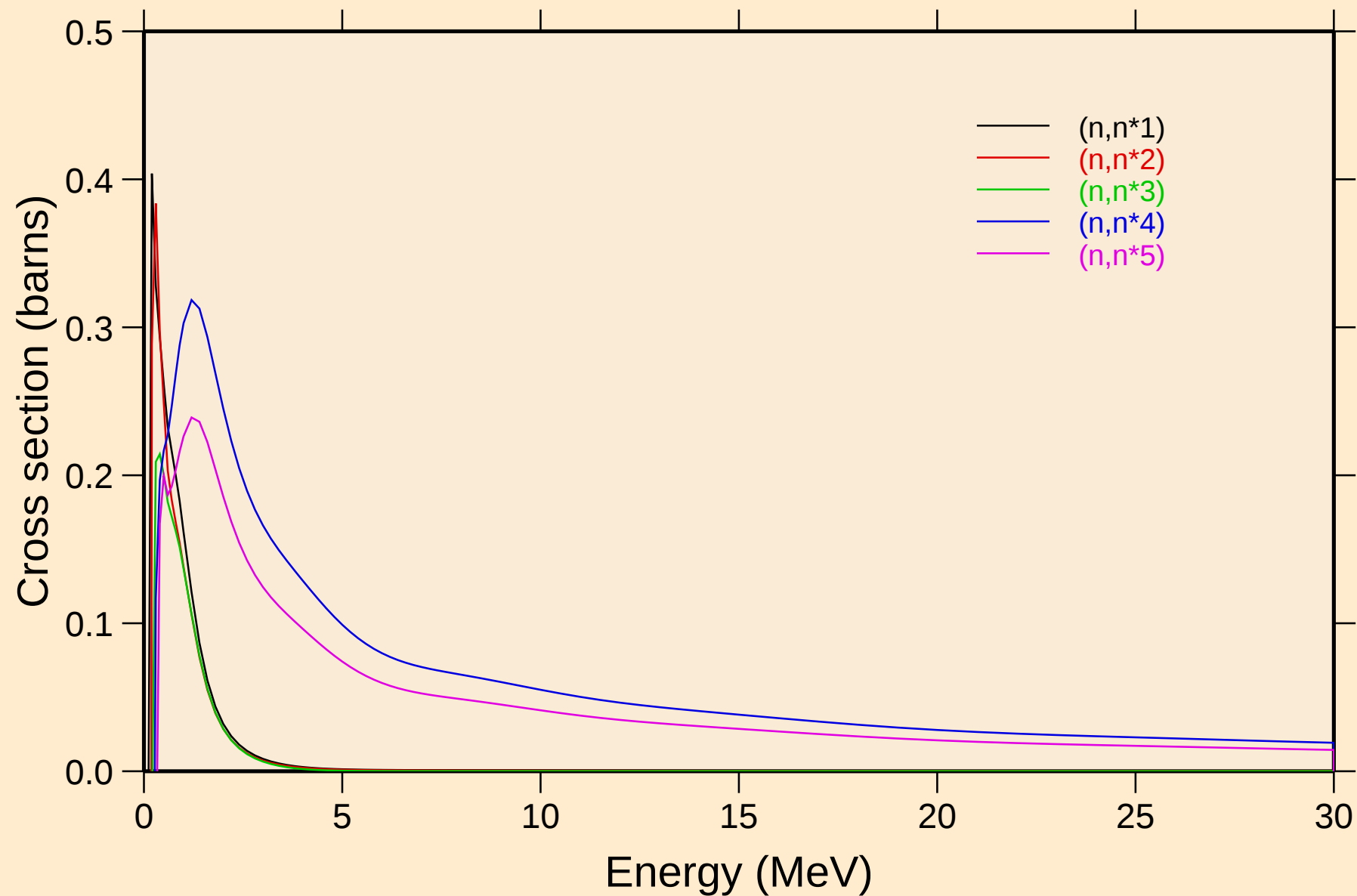


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



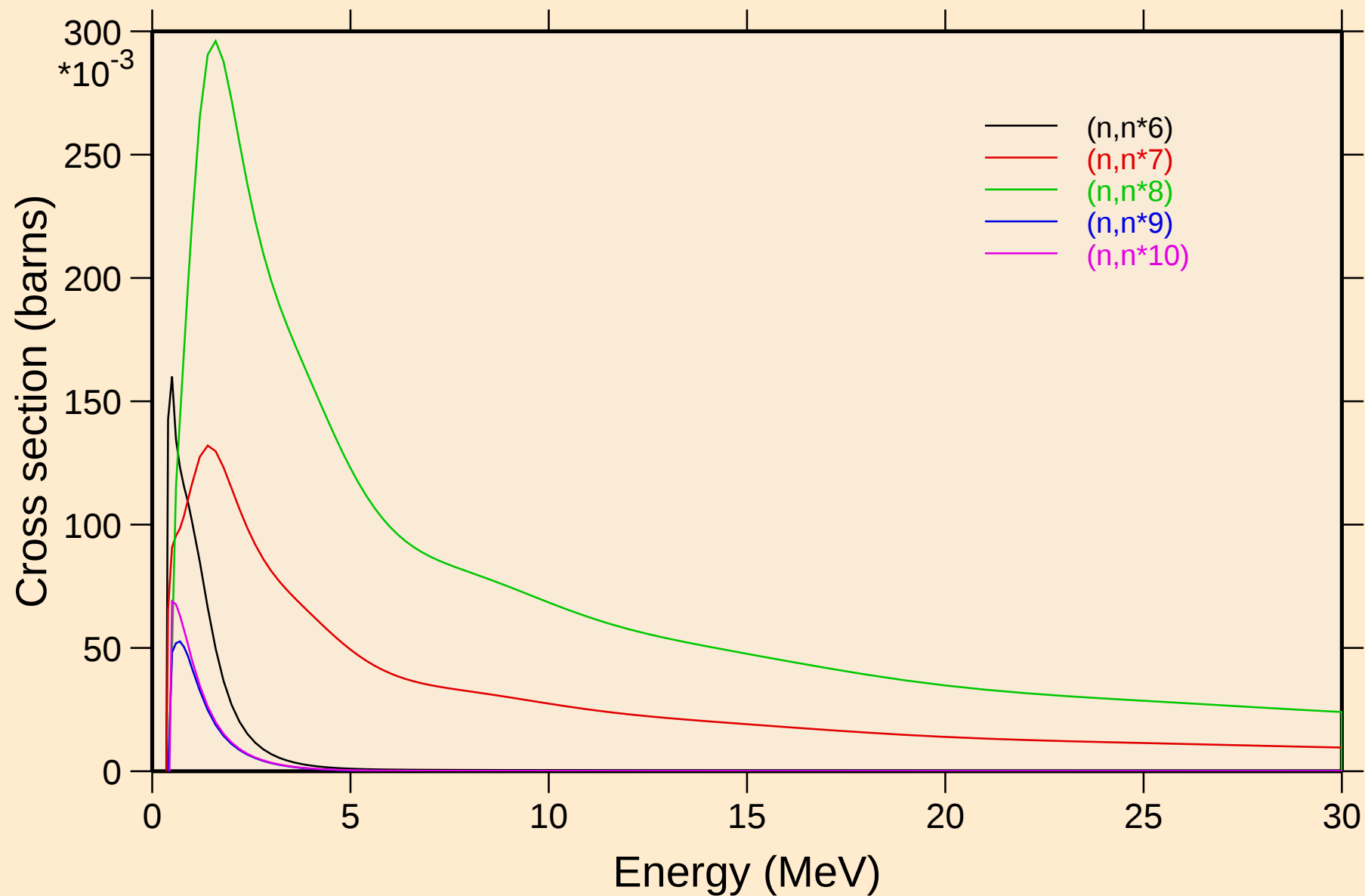
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Inelastic levels



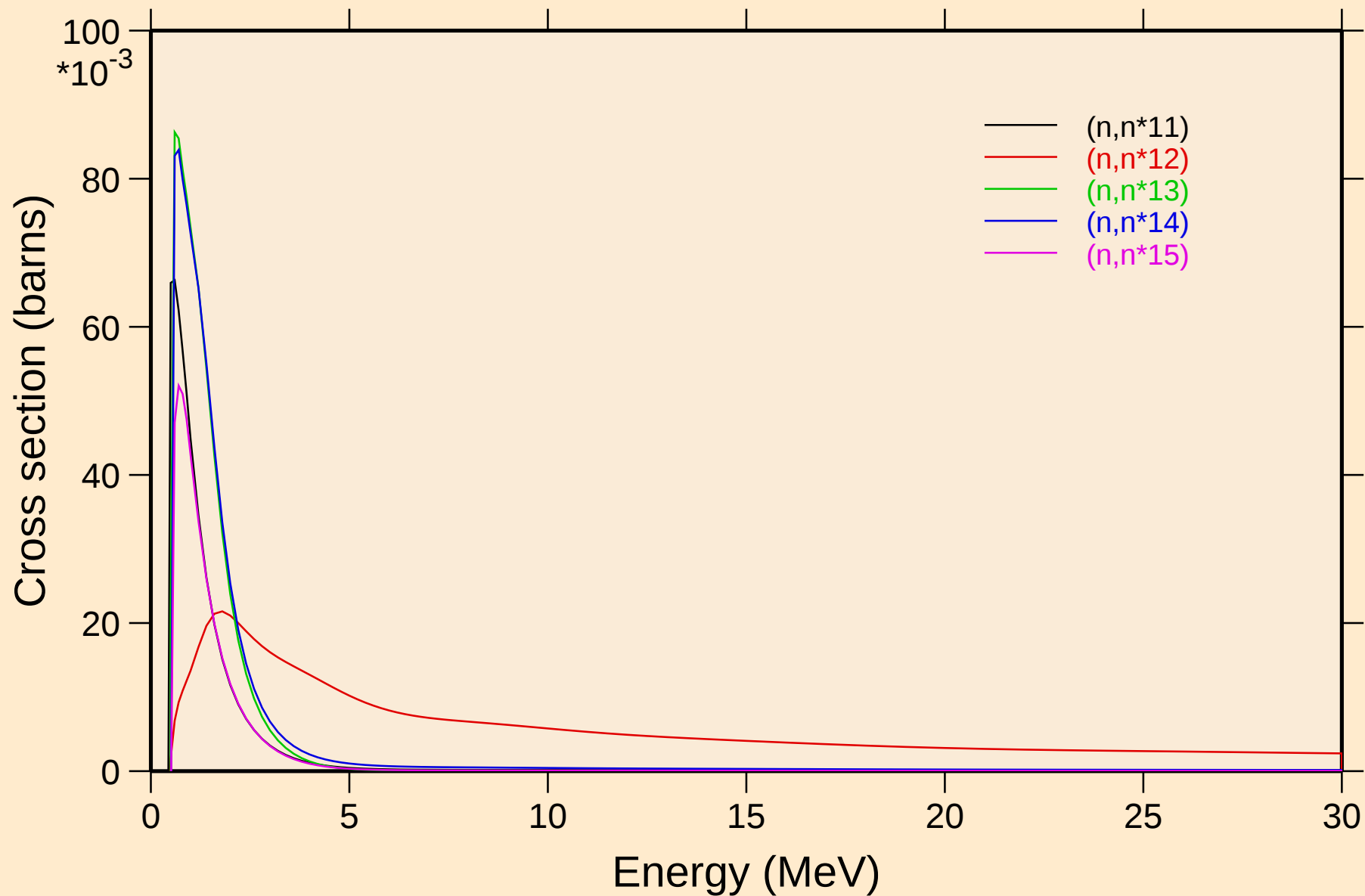
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



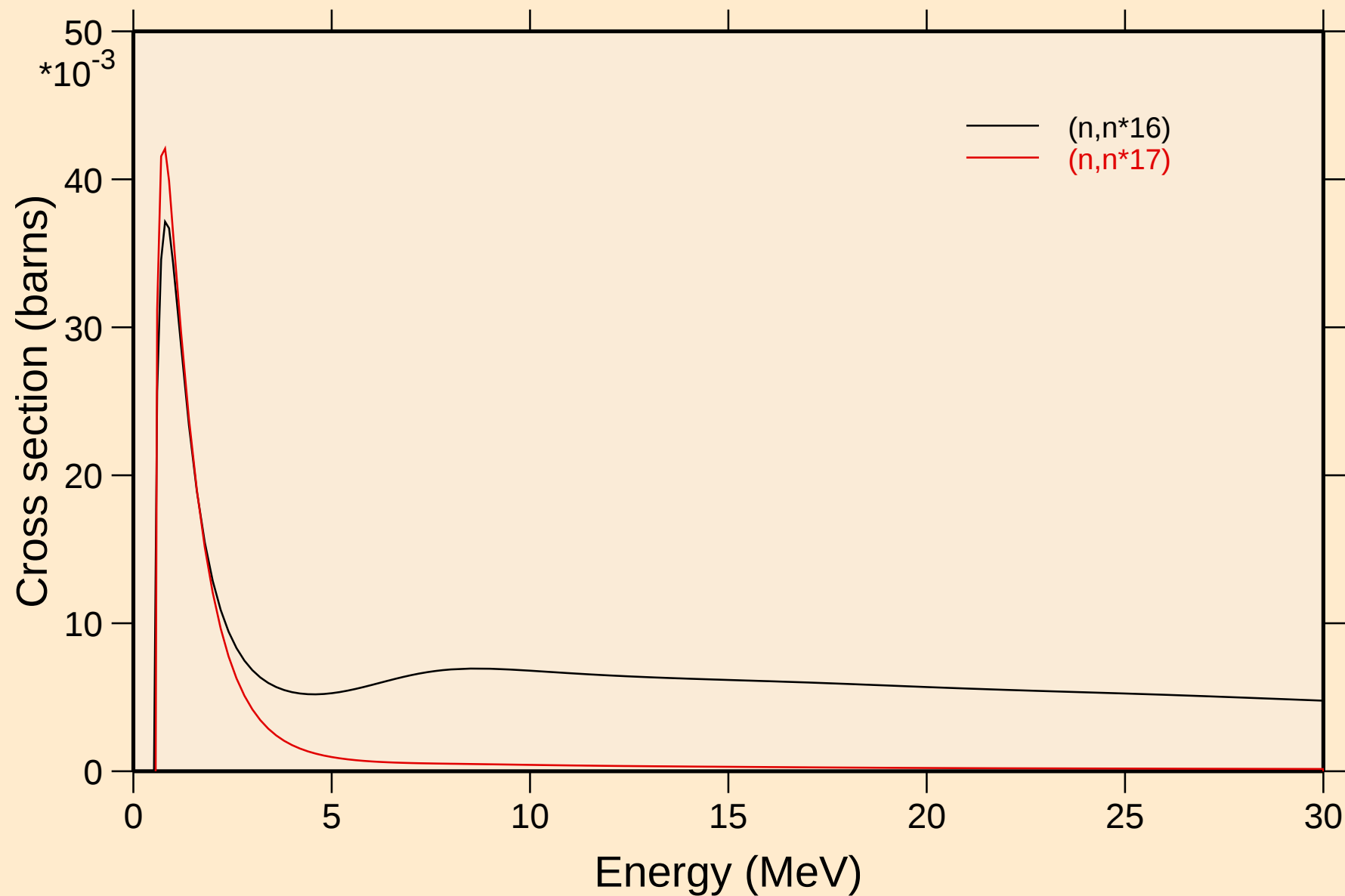
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



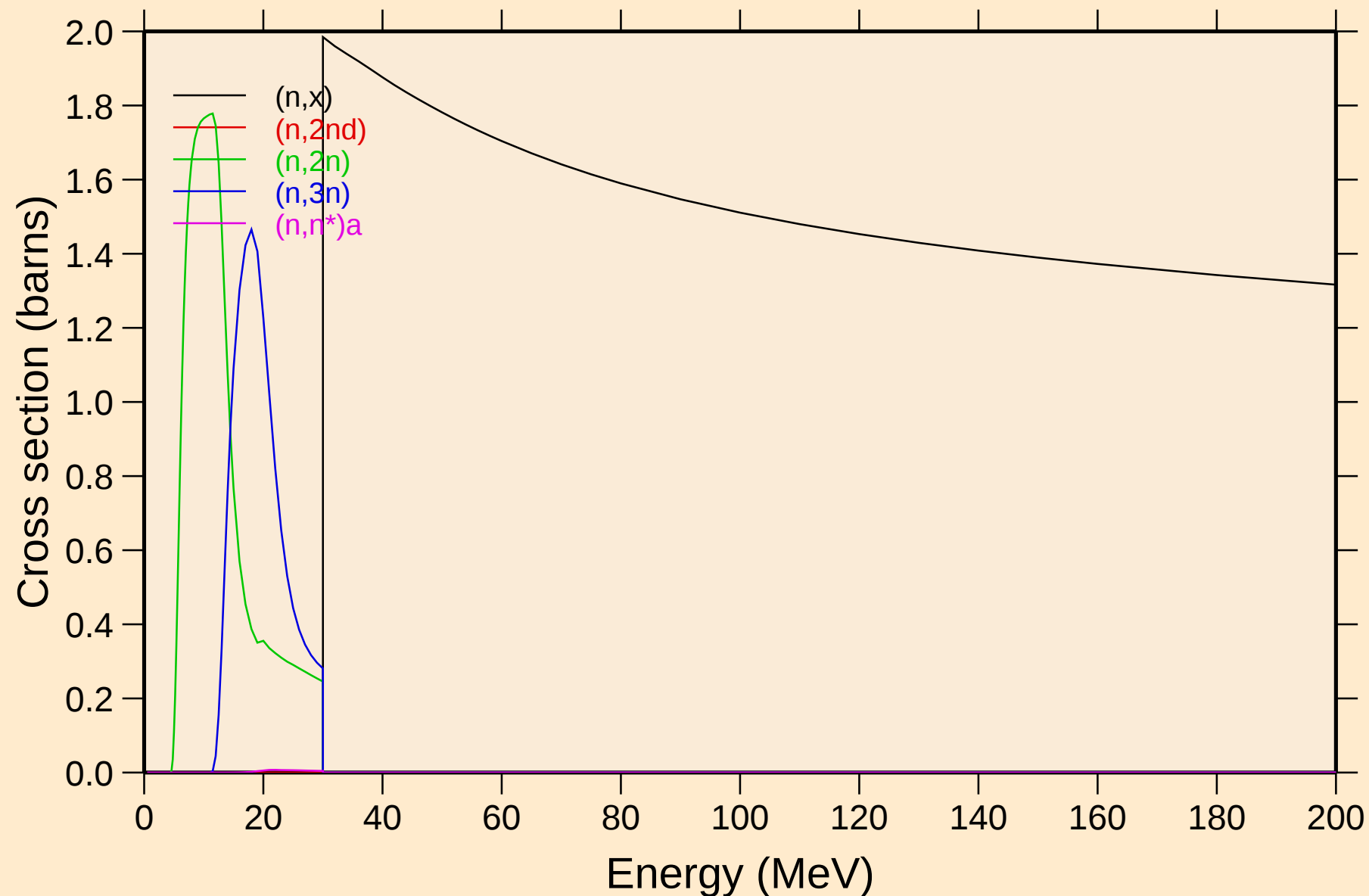
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



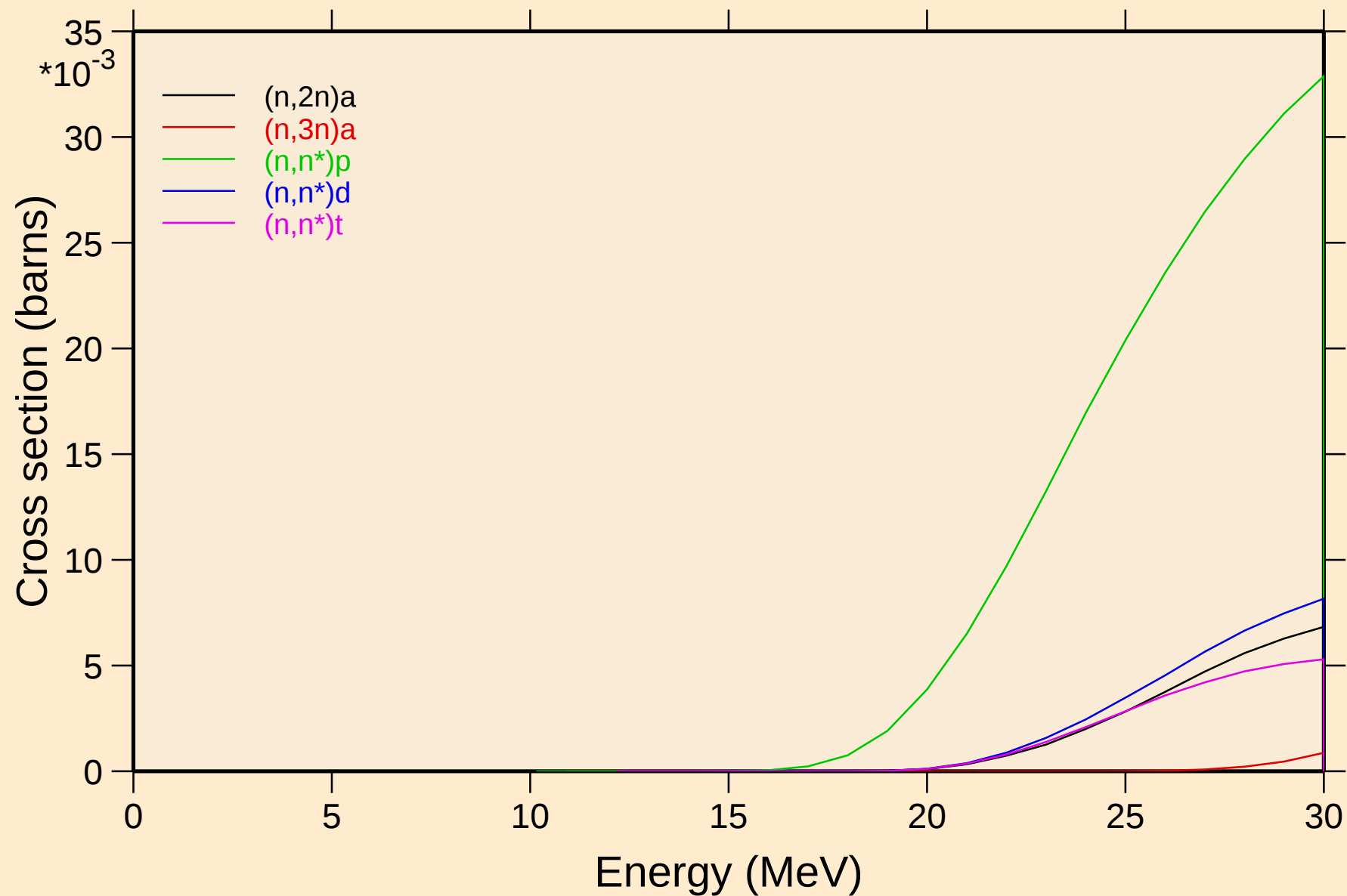
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Threshold reactions



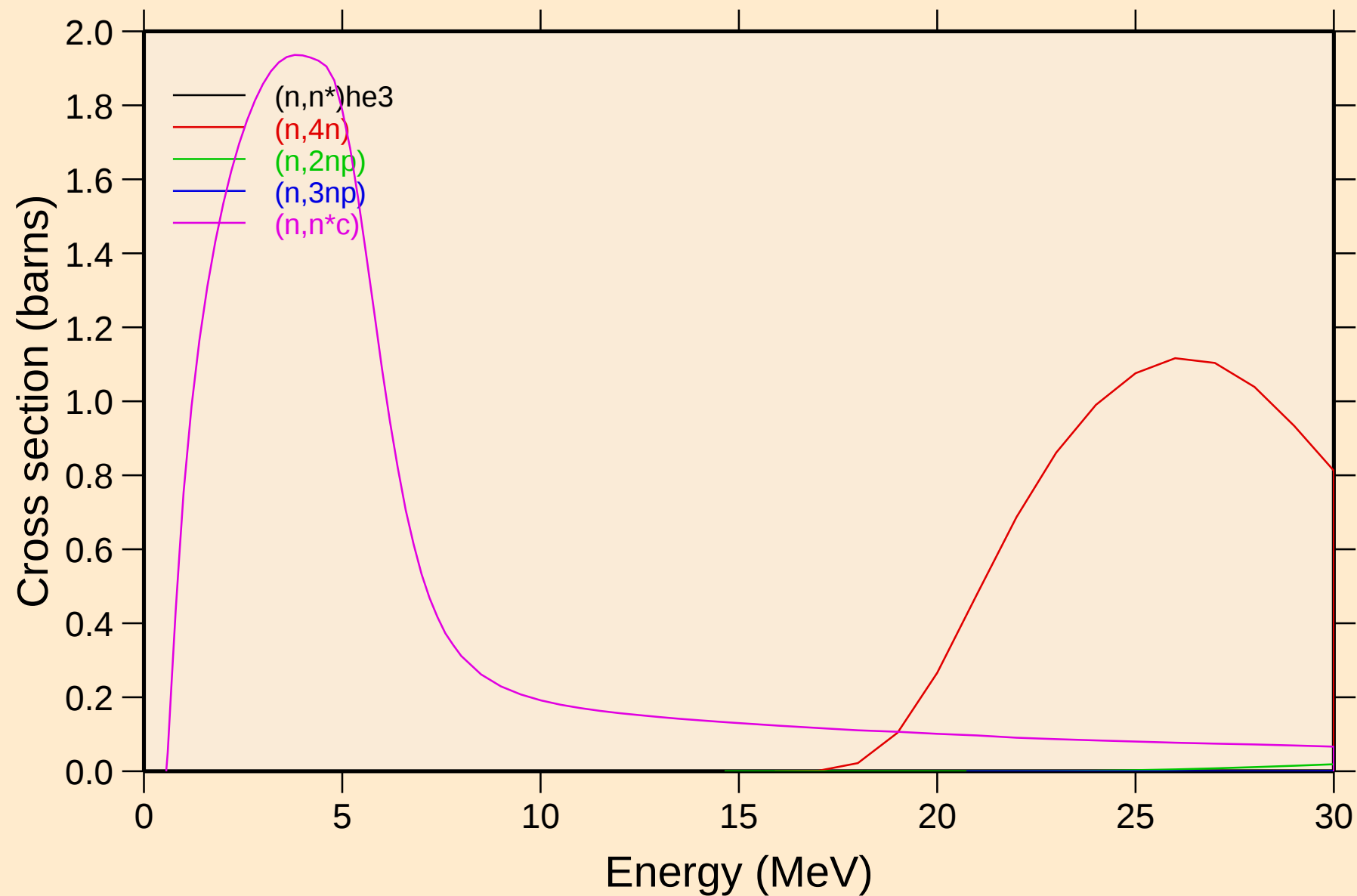
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



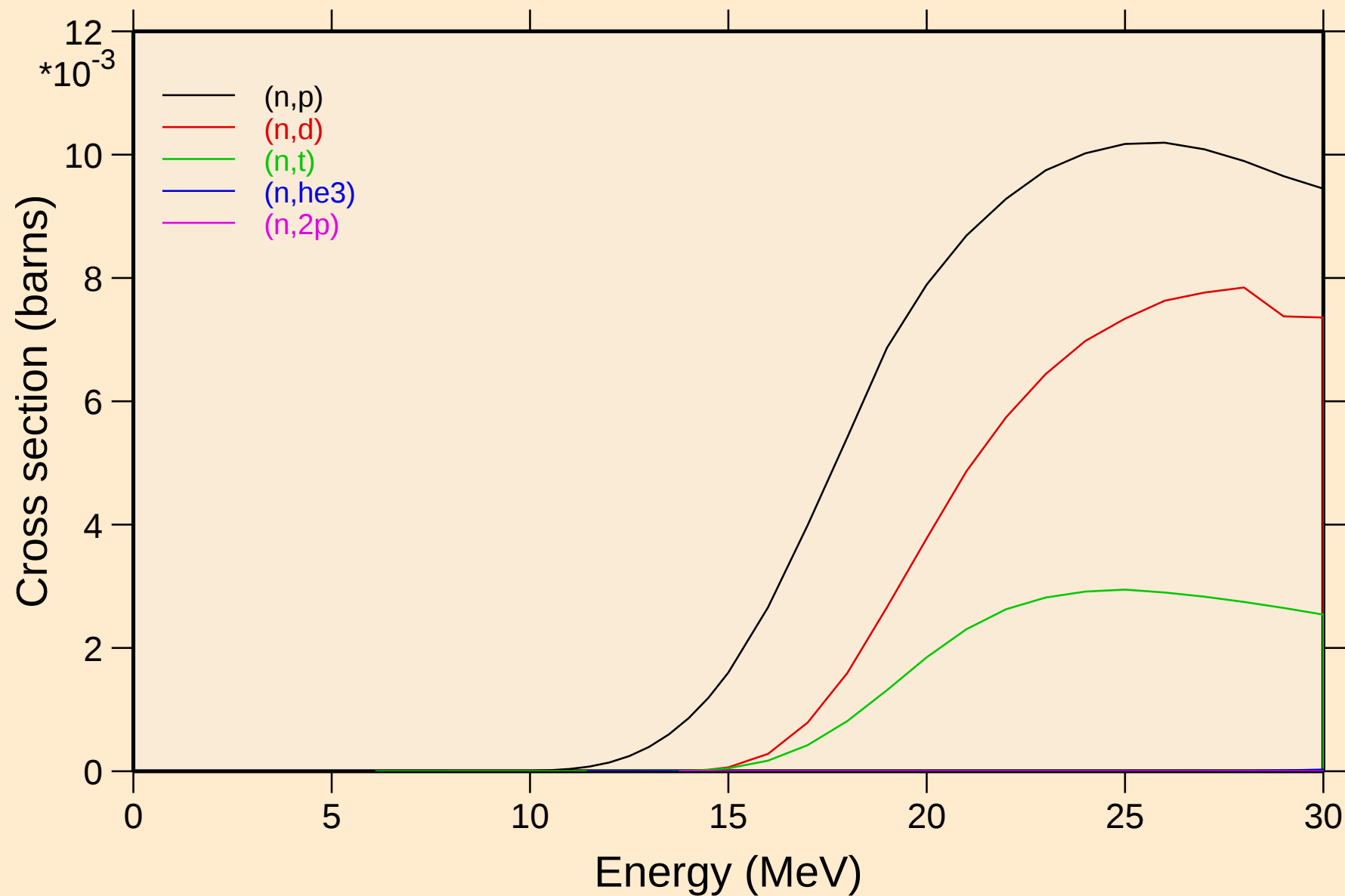
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

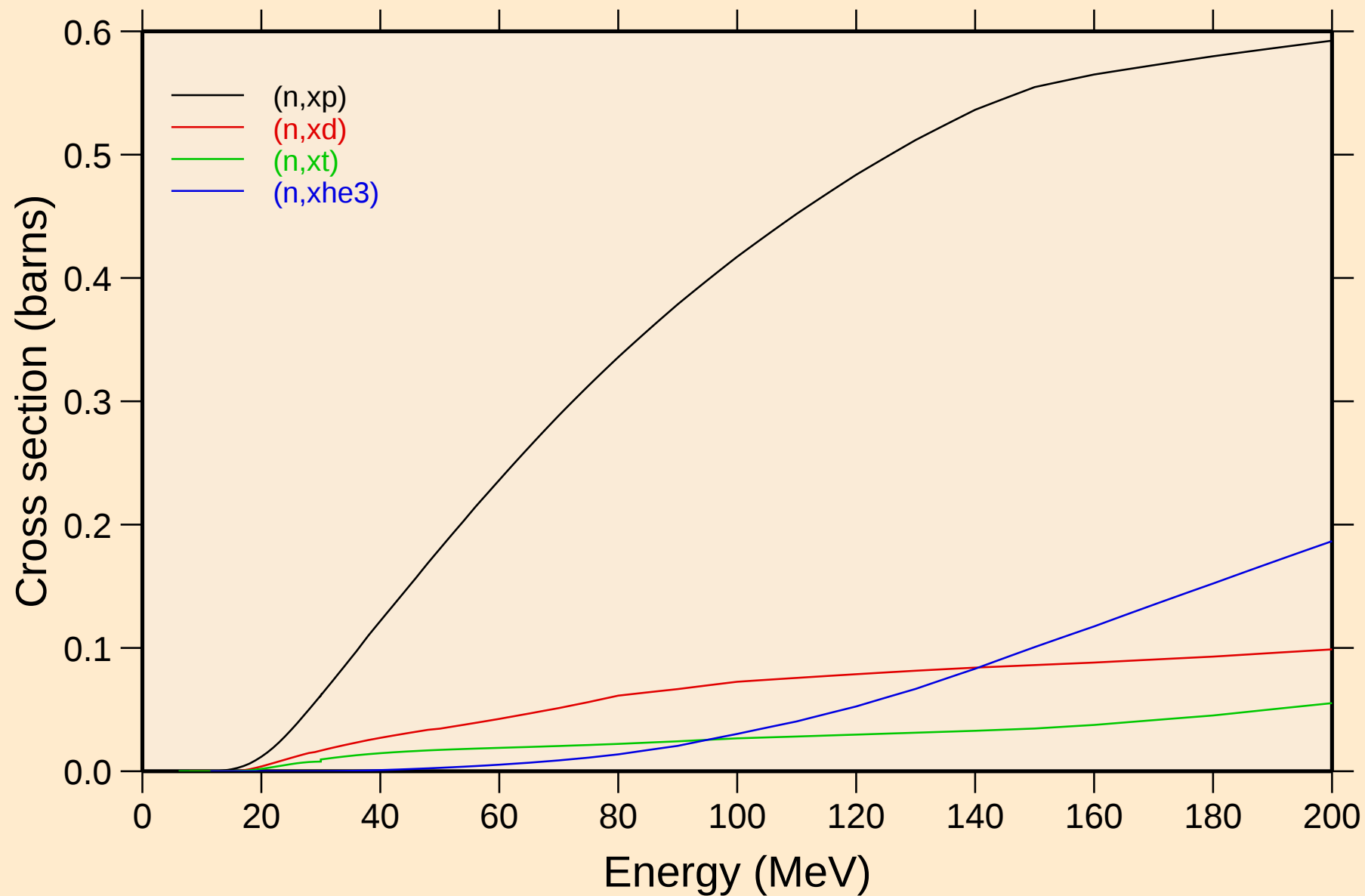


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

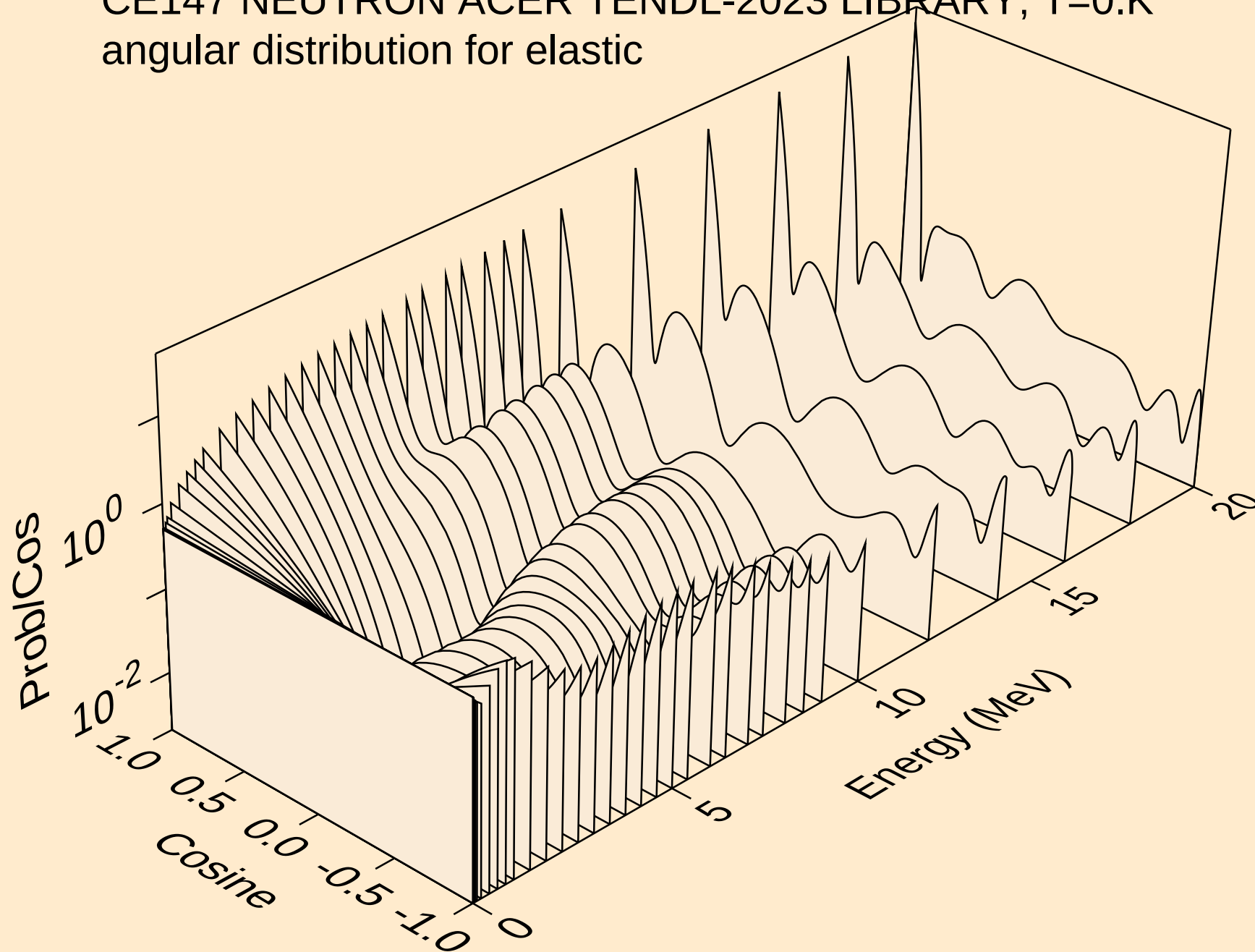
Threshold reactions



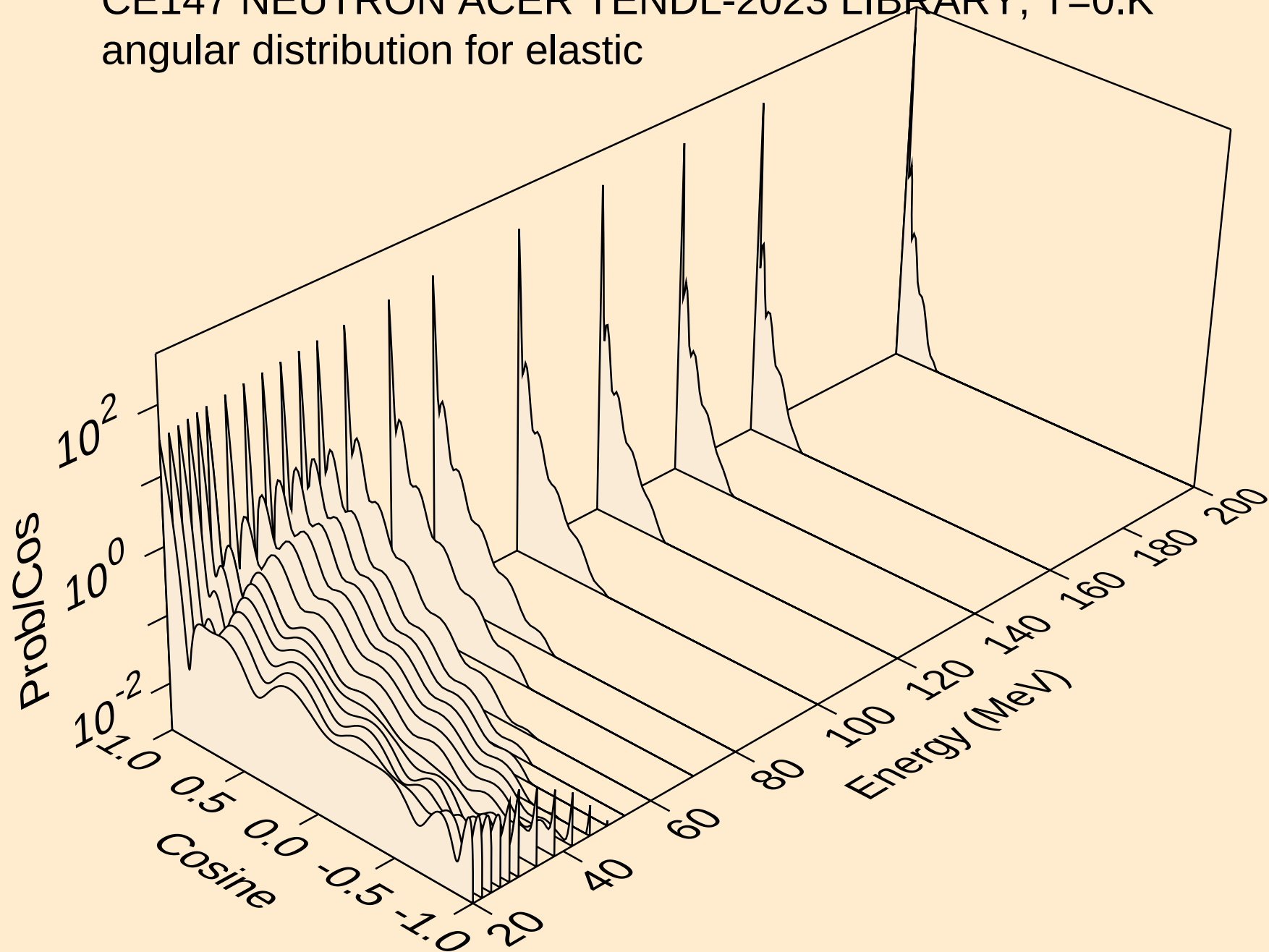
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



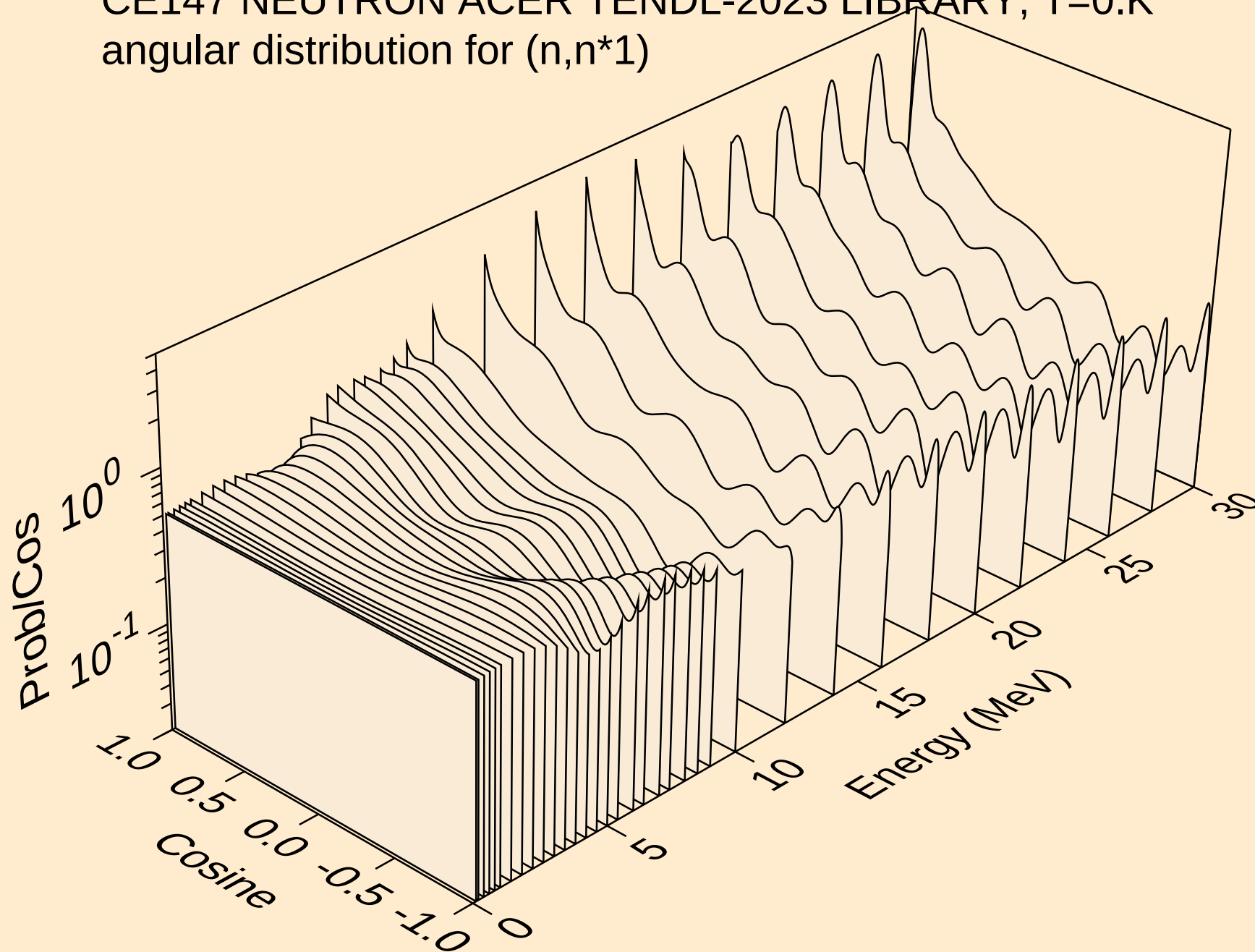
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



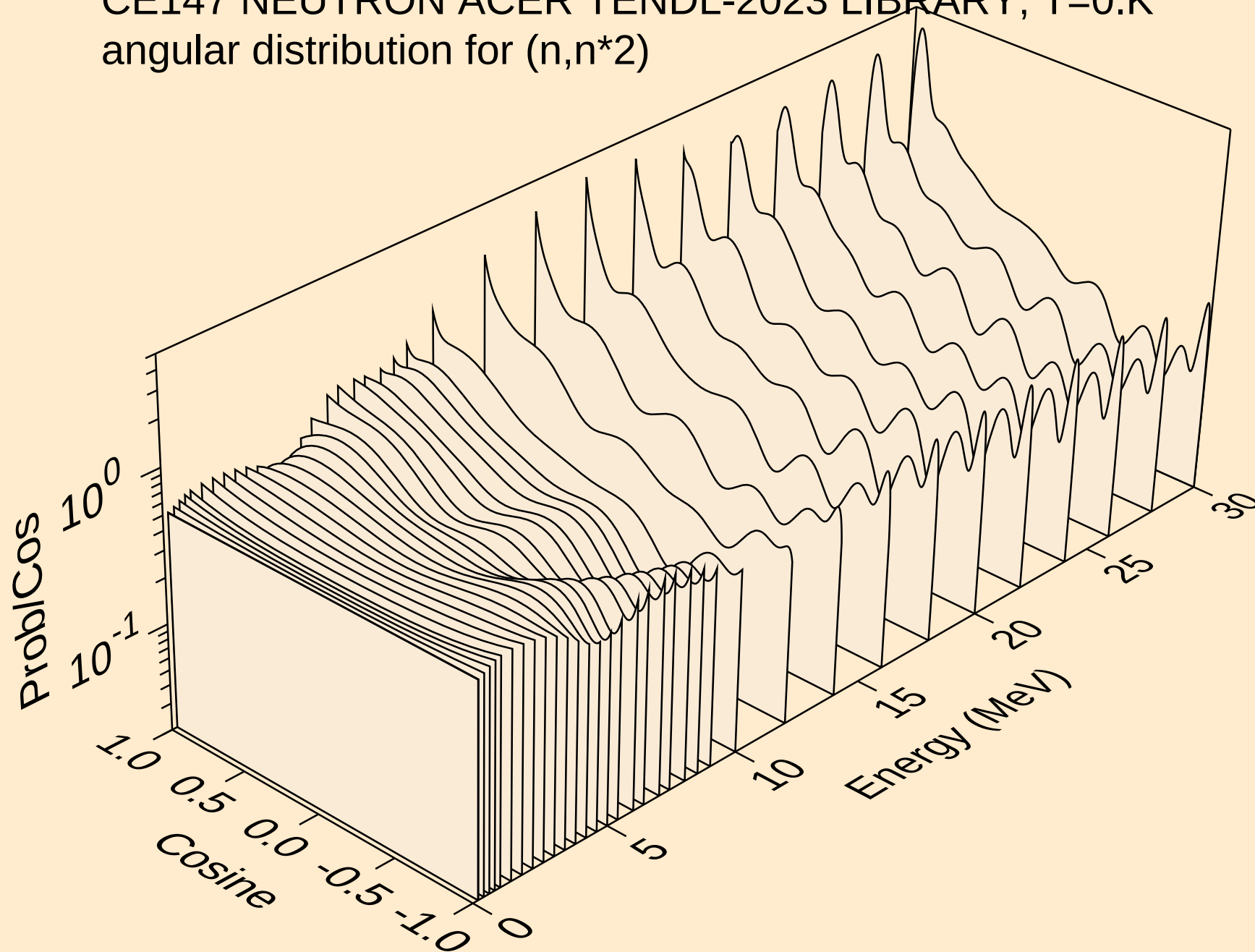
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



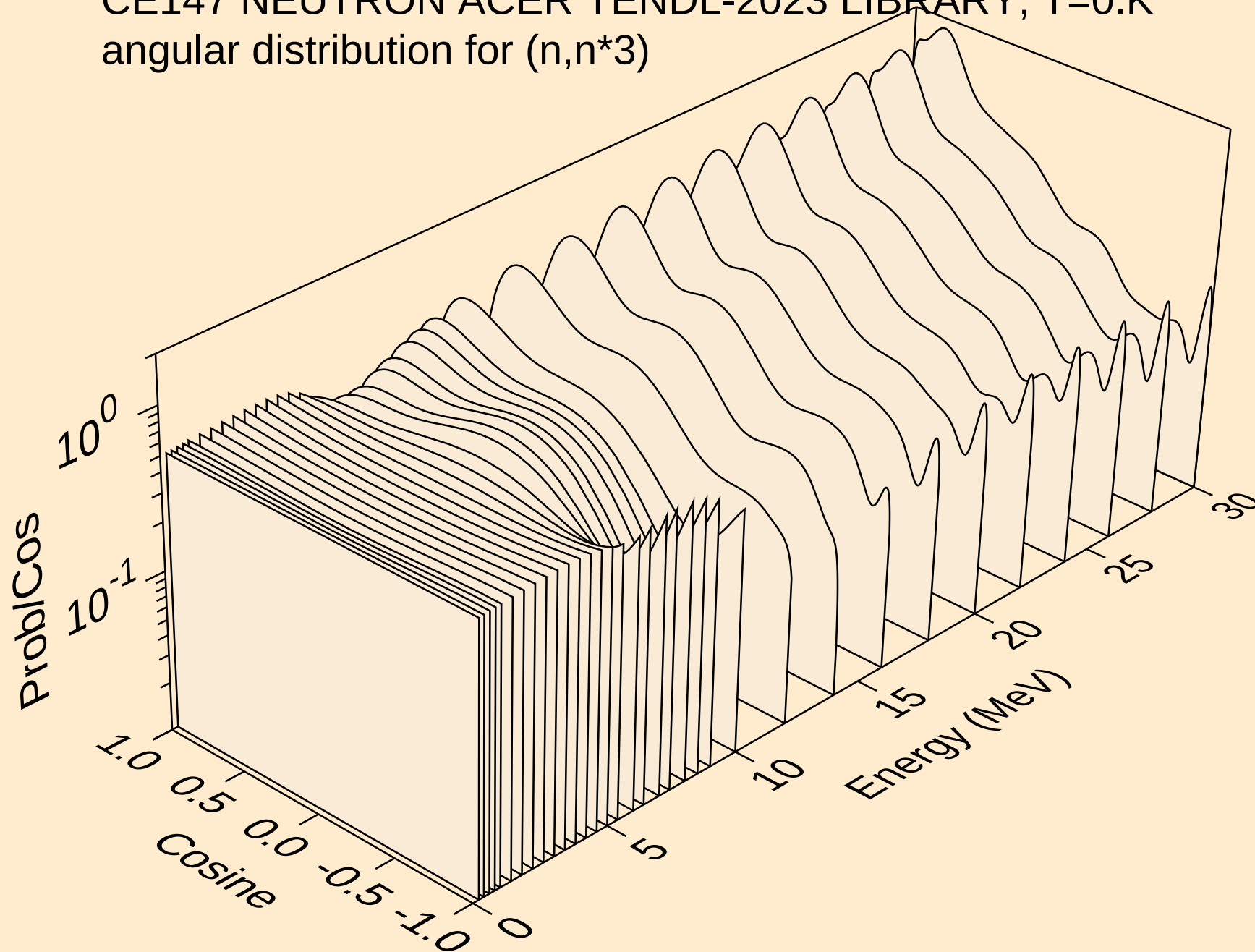
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



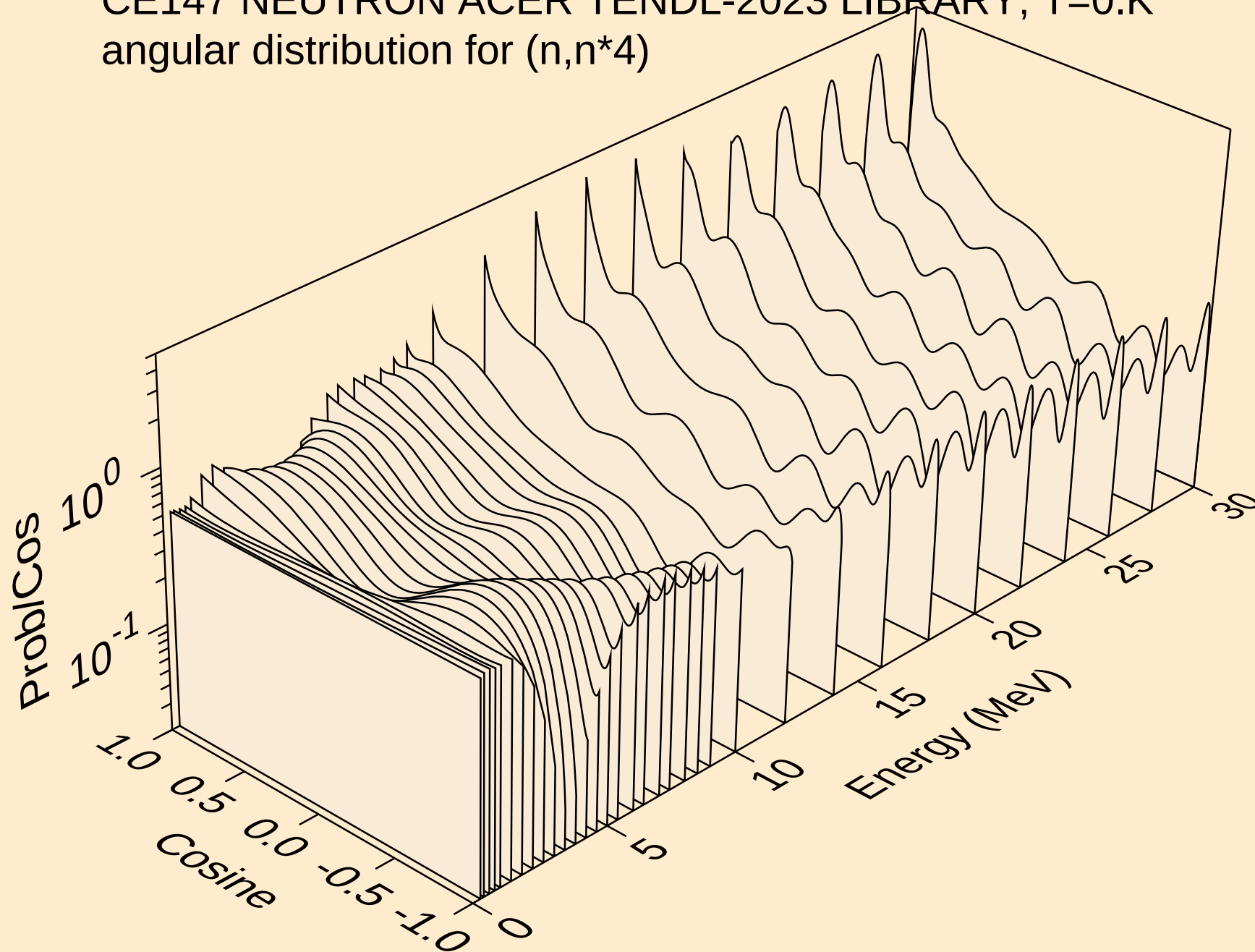
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



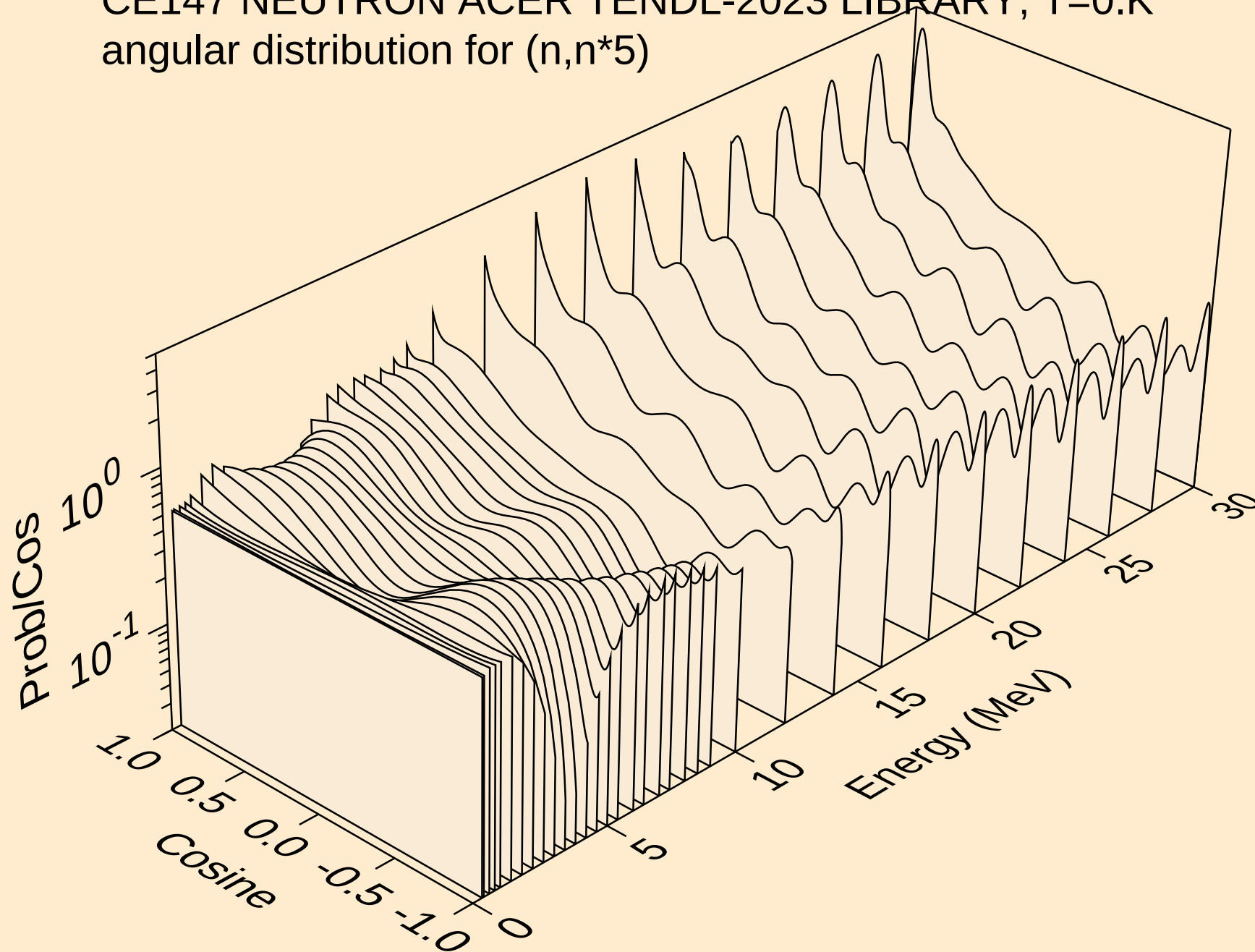
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



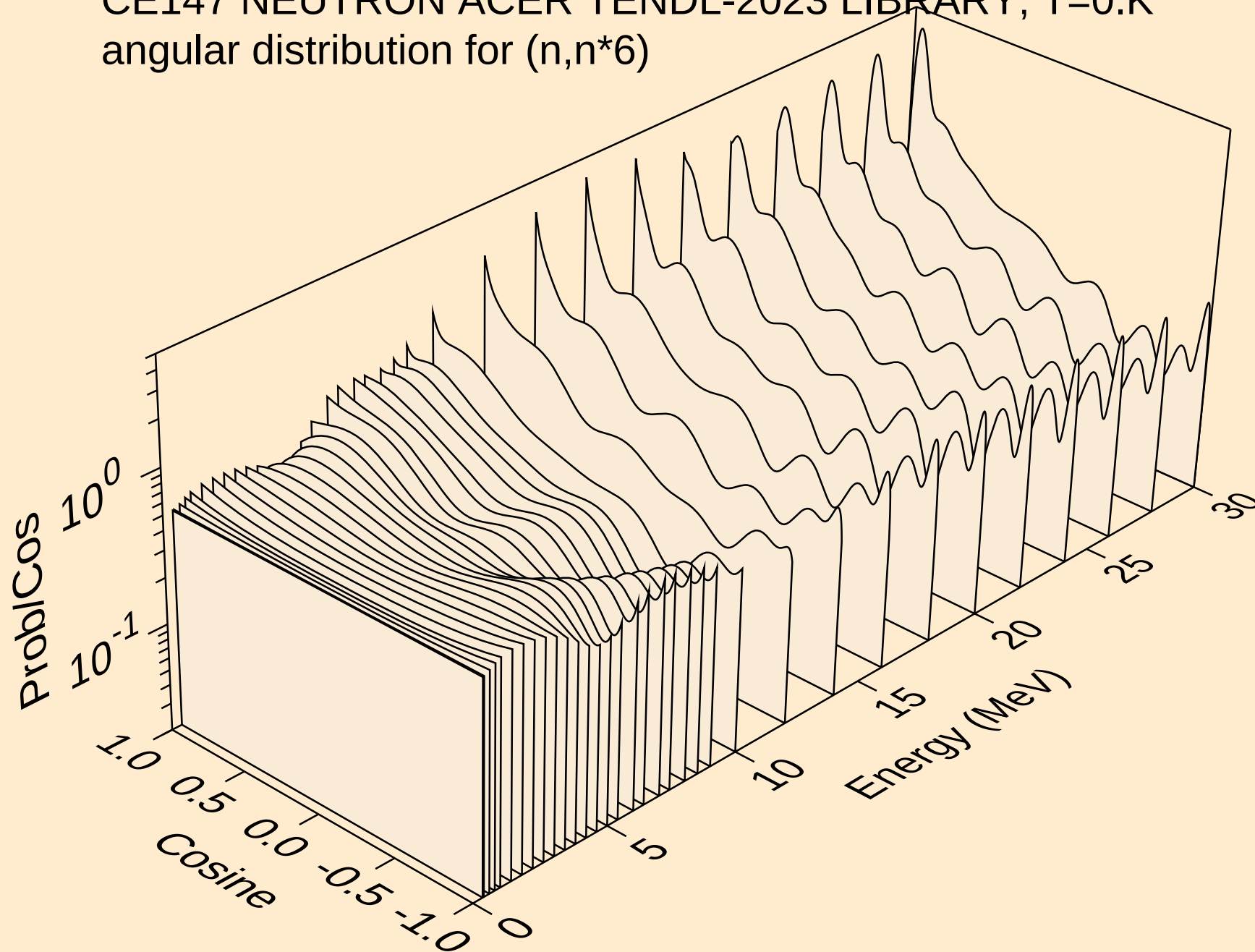
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angular distribution for (n,n*4)



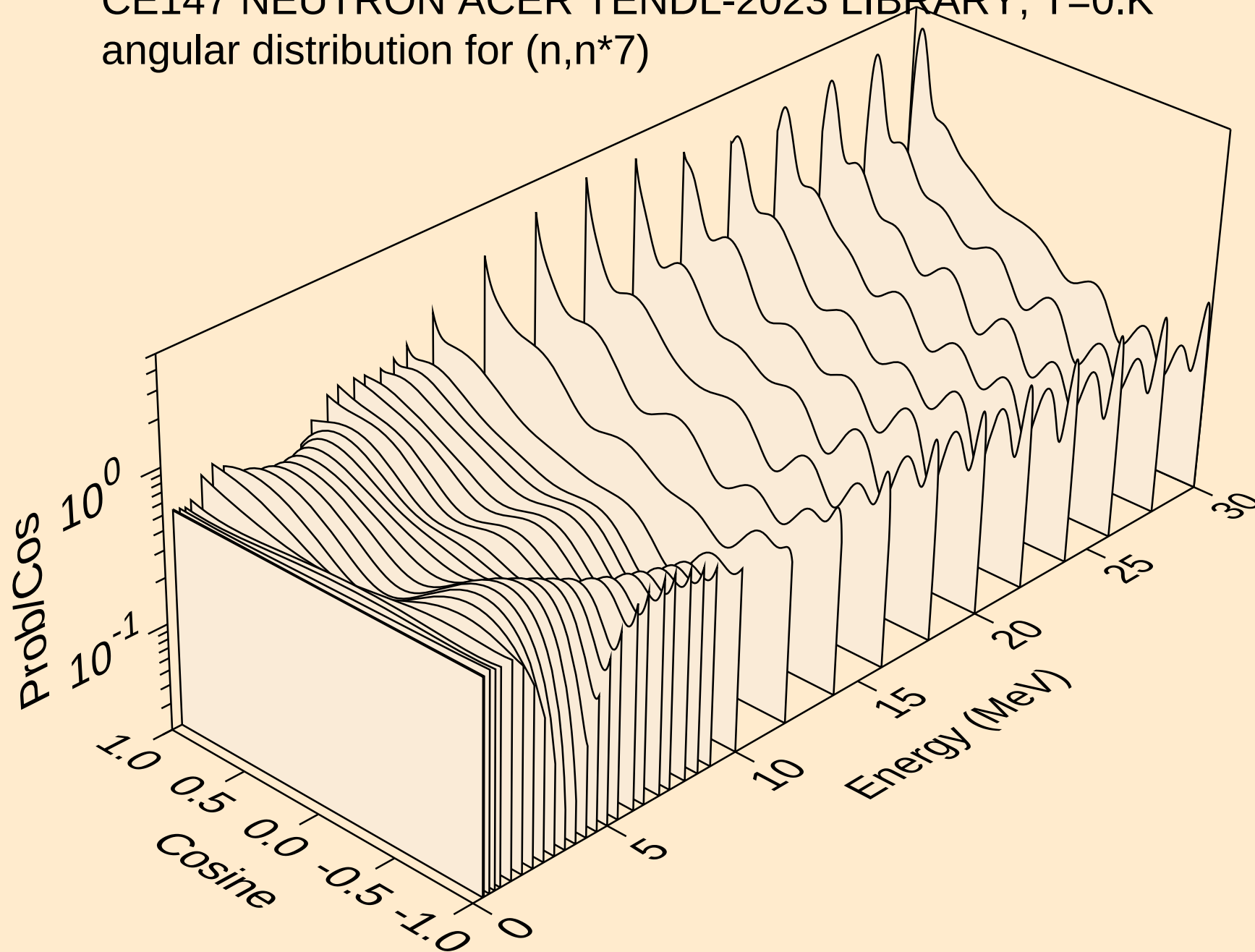
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



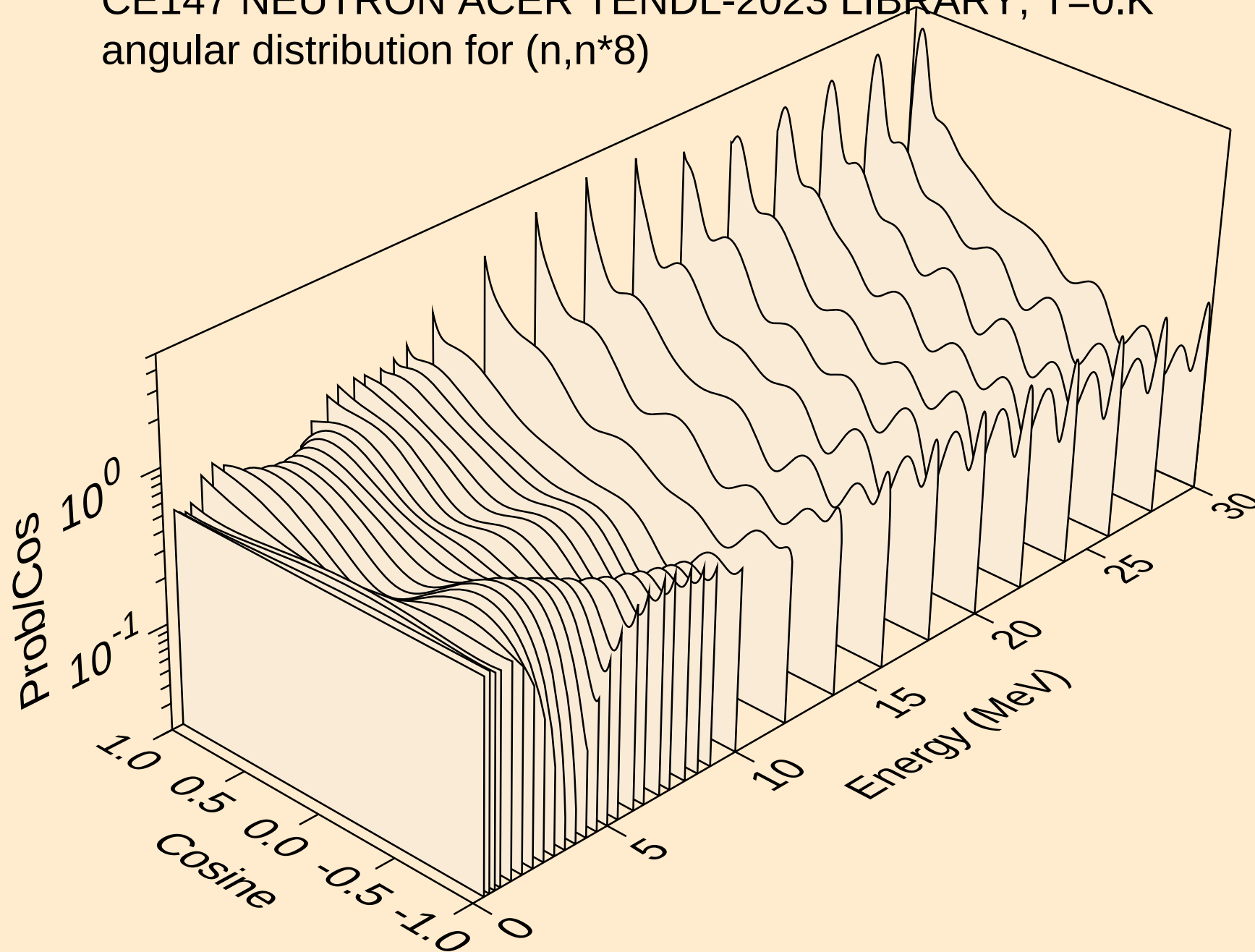
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angular distribution for (n,n*6)



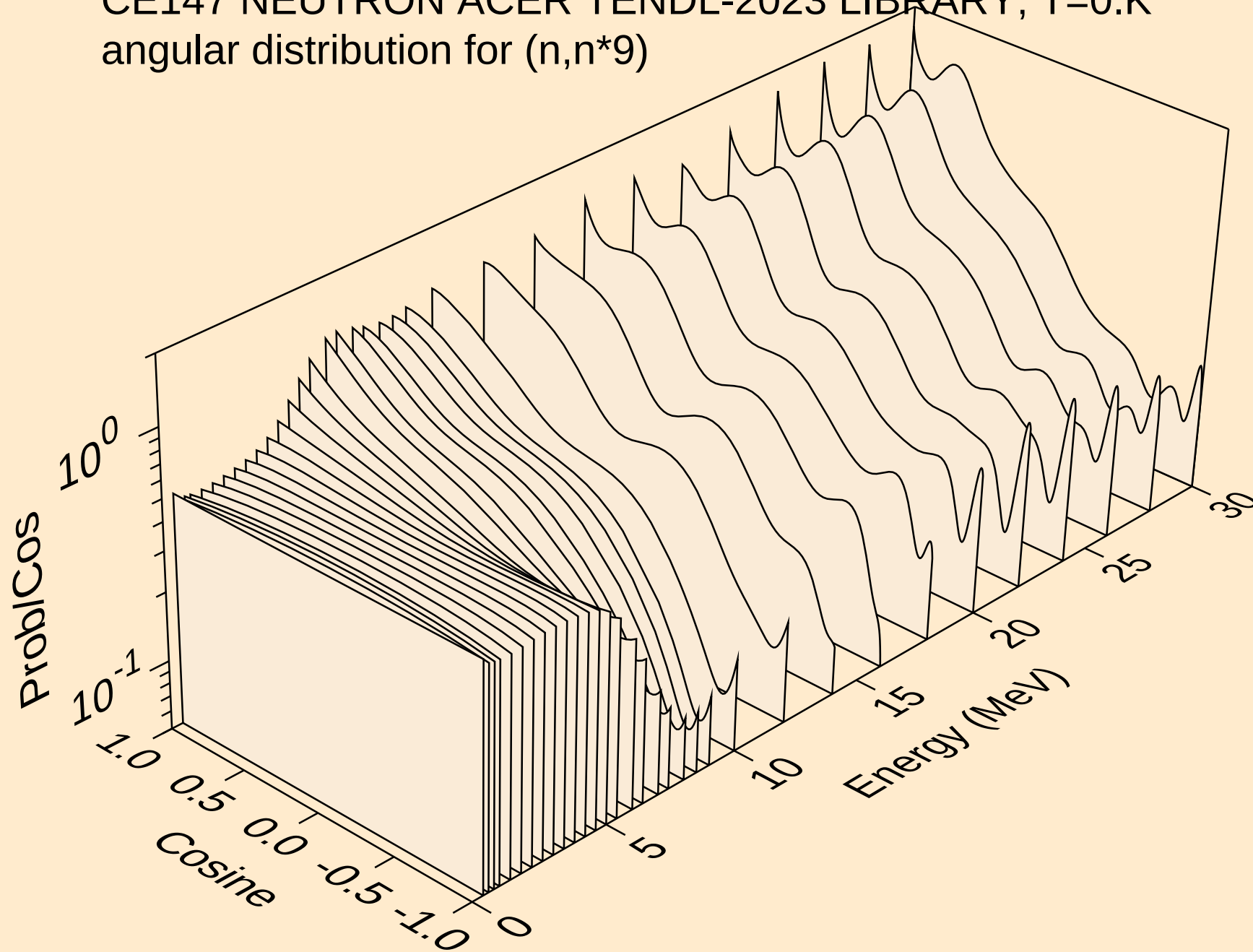
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angular distribution for (n,n*7)



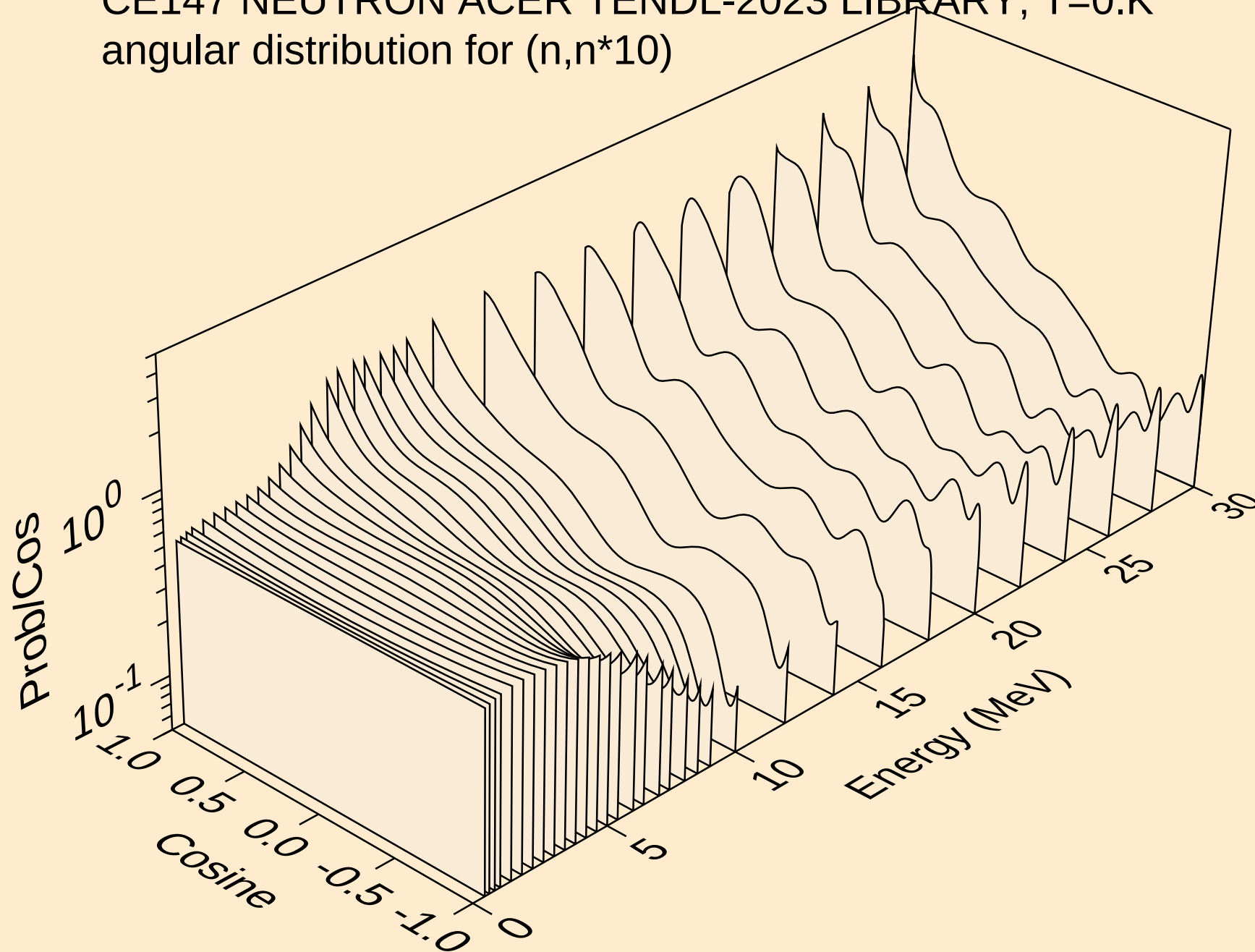
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



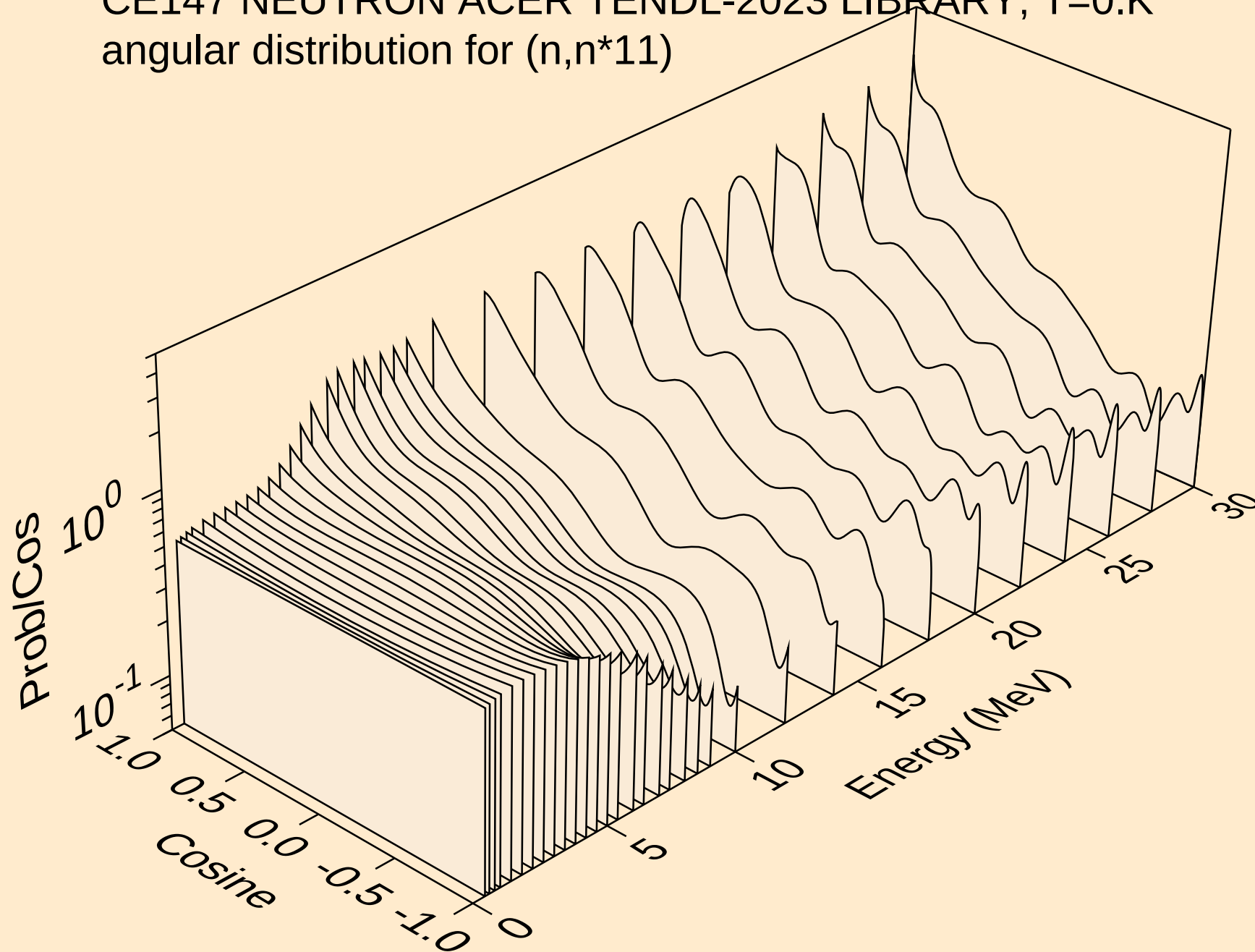
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angular distribution for (n,n*9)



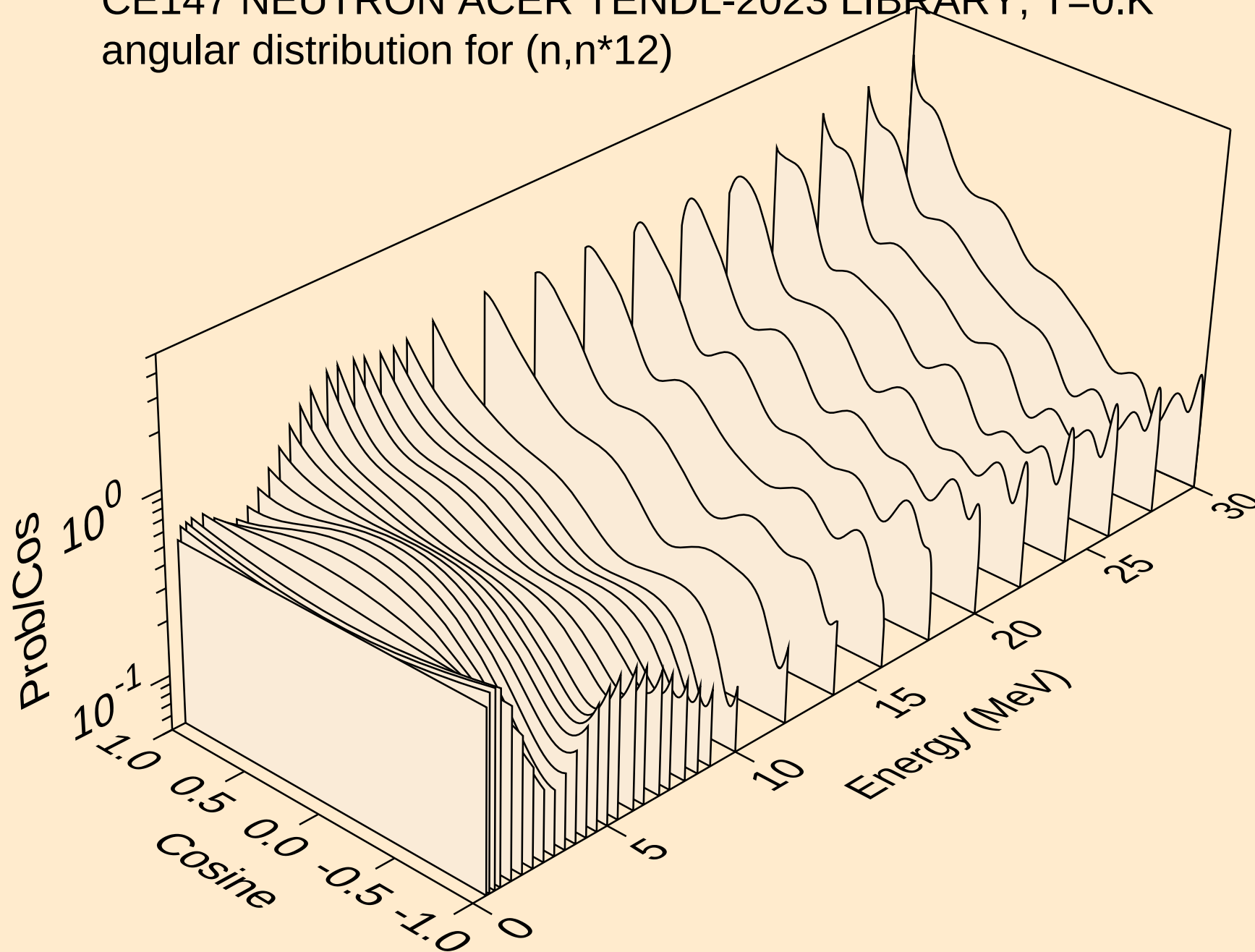
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



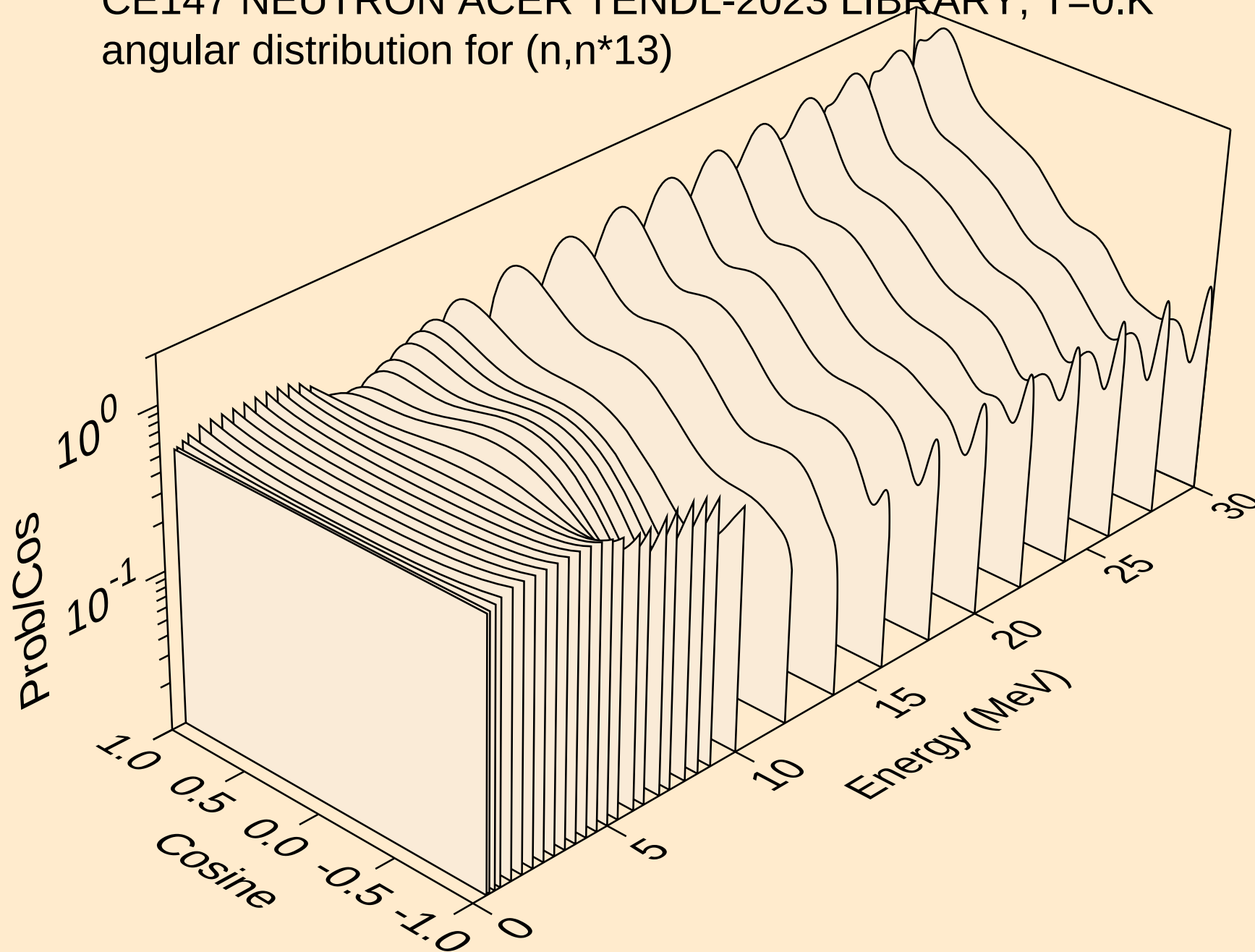
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angular distribution for (n,n*11)



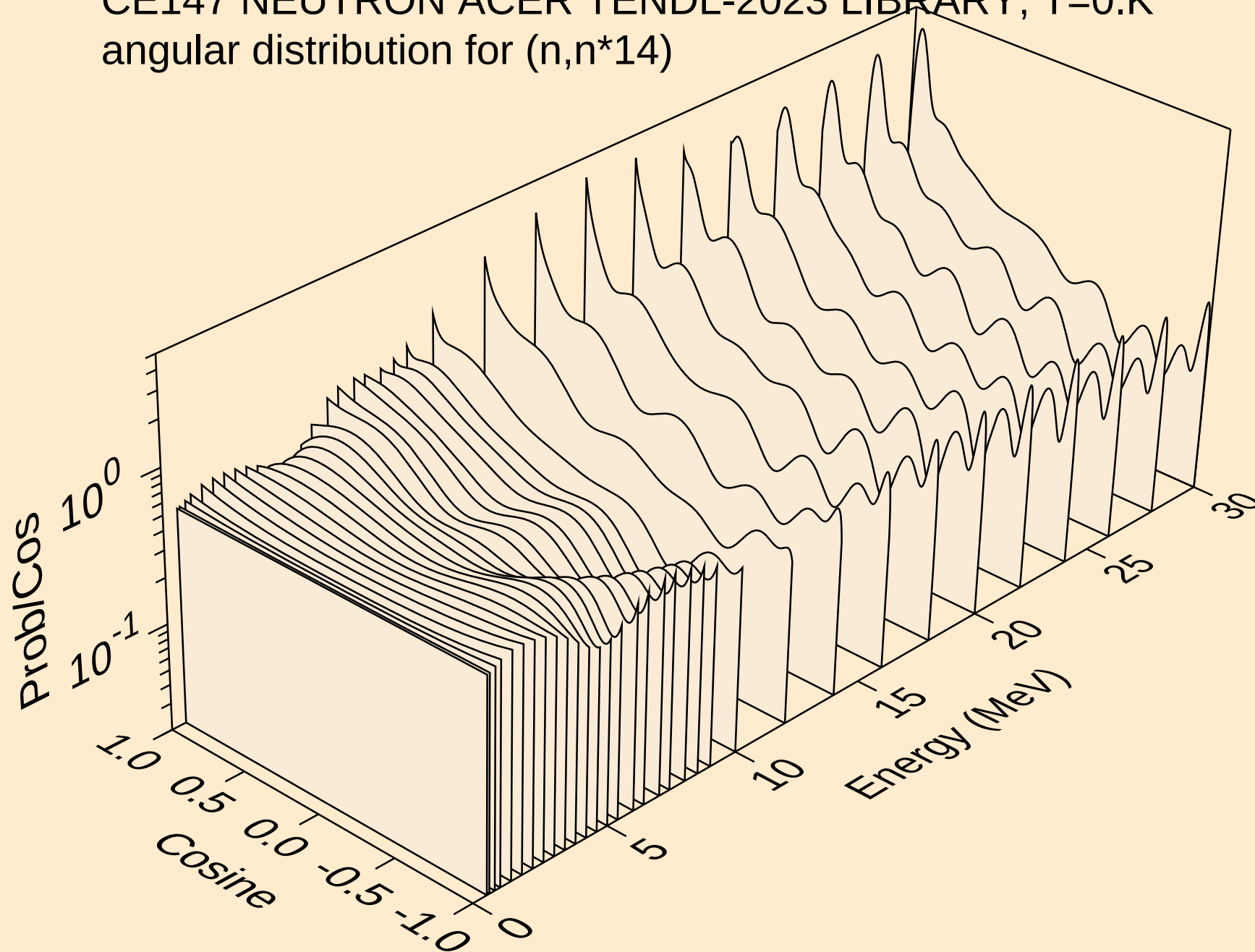
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angular distribution for (n,n*12)



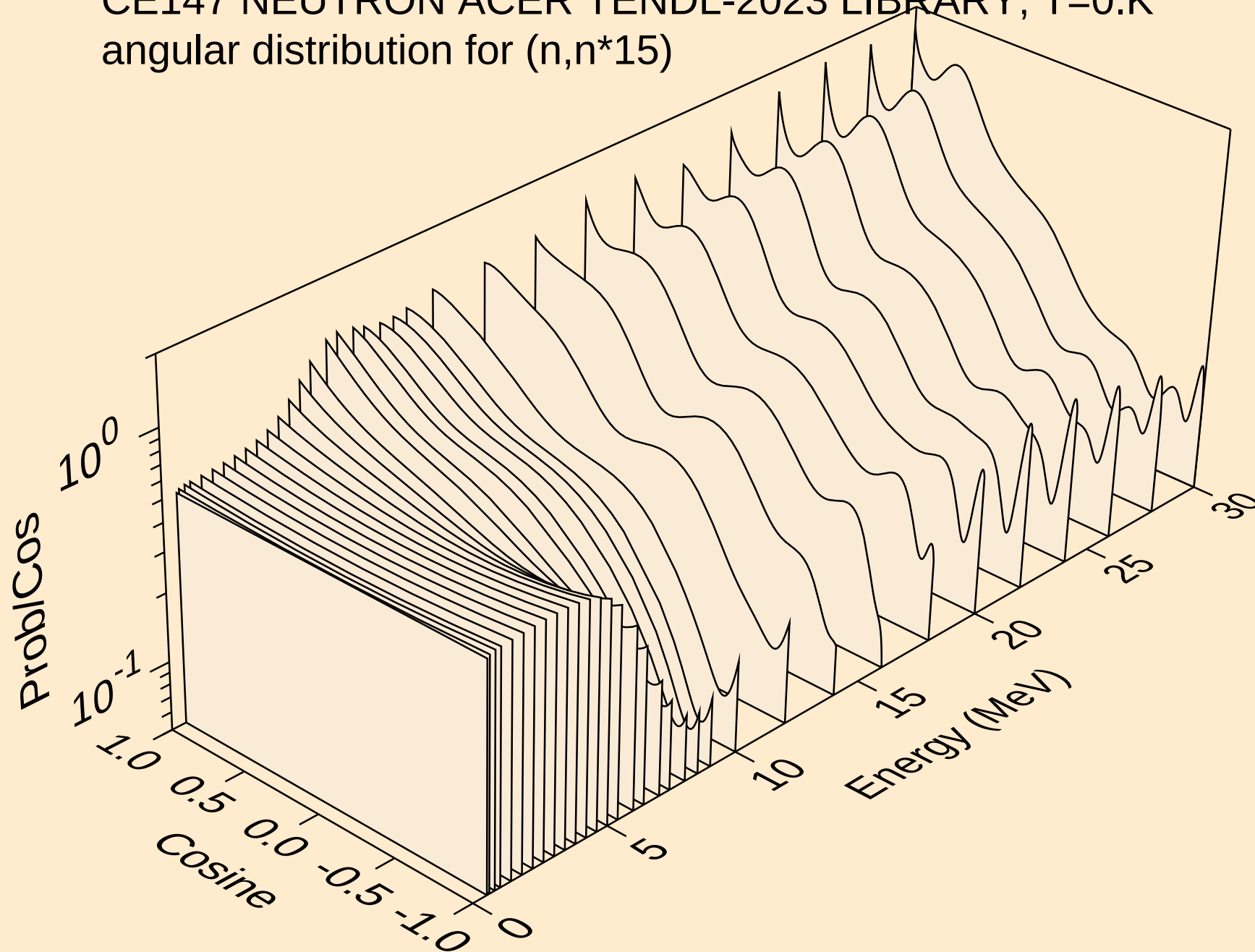
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



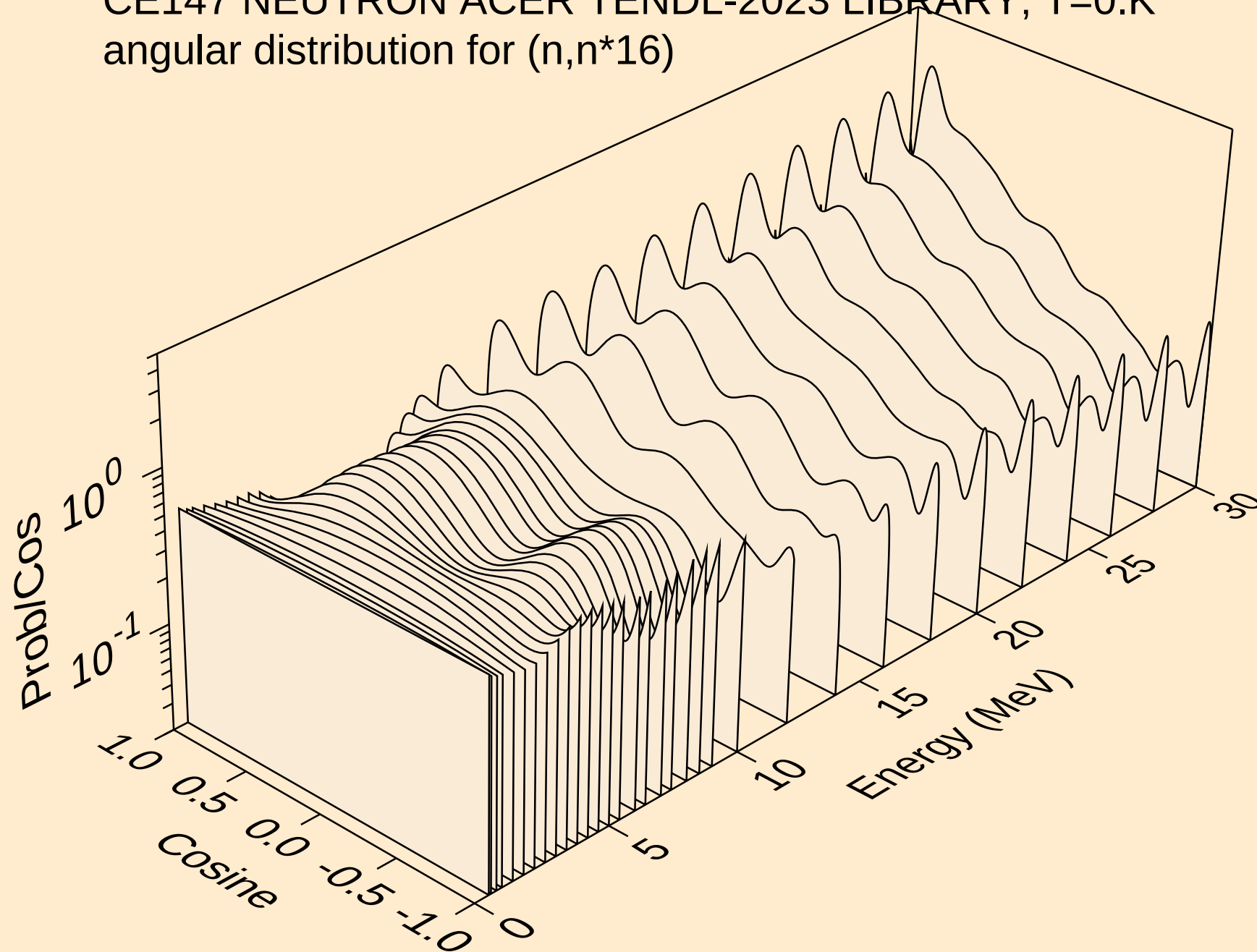
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angular distribution for (n,n*14)



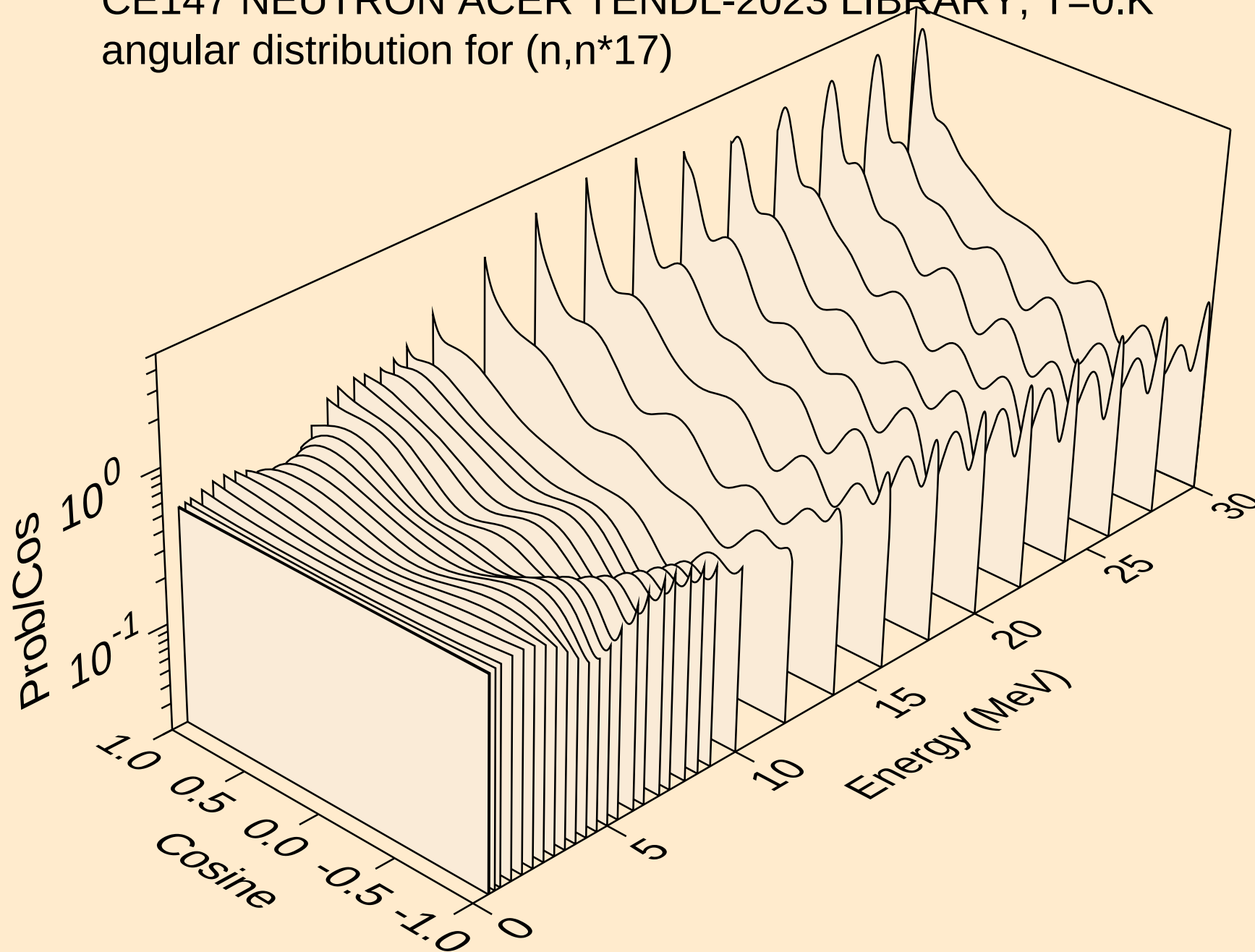
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angular distribution for (n,n*15)



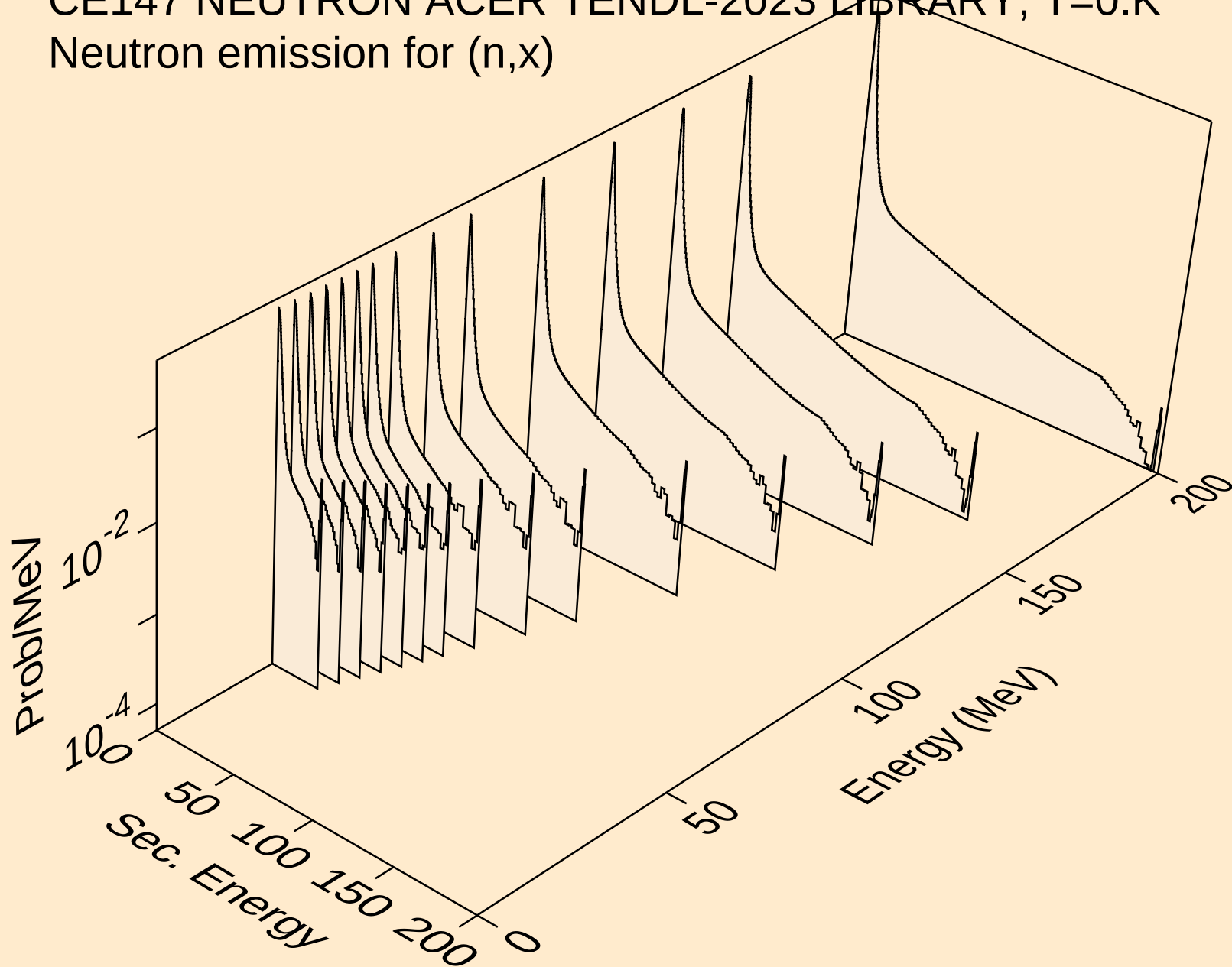
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



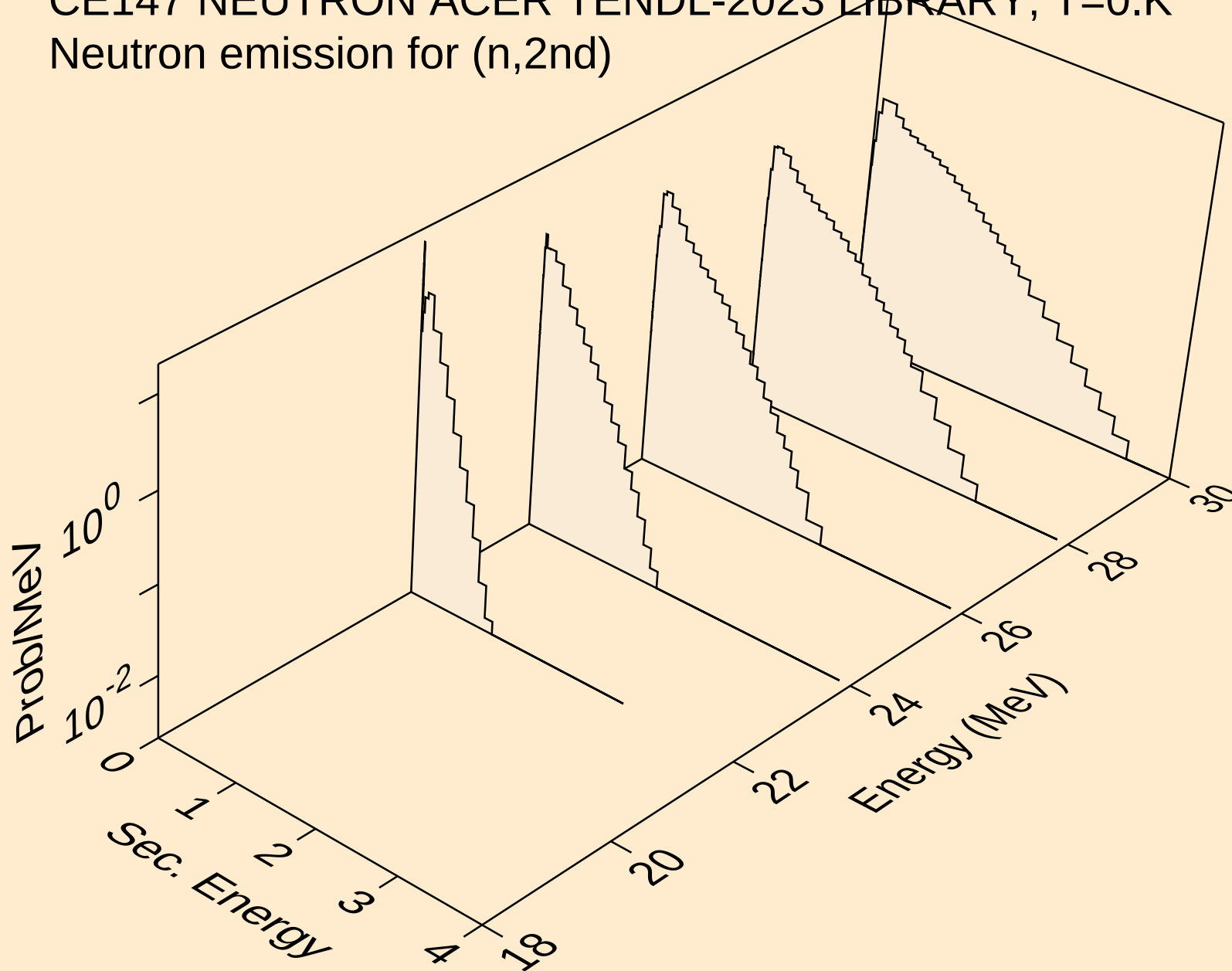
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



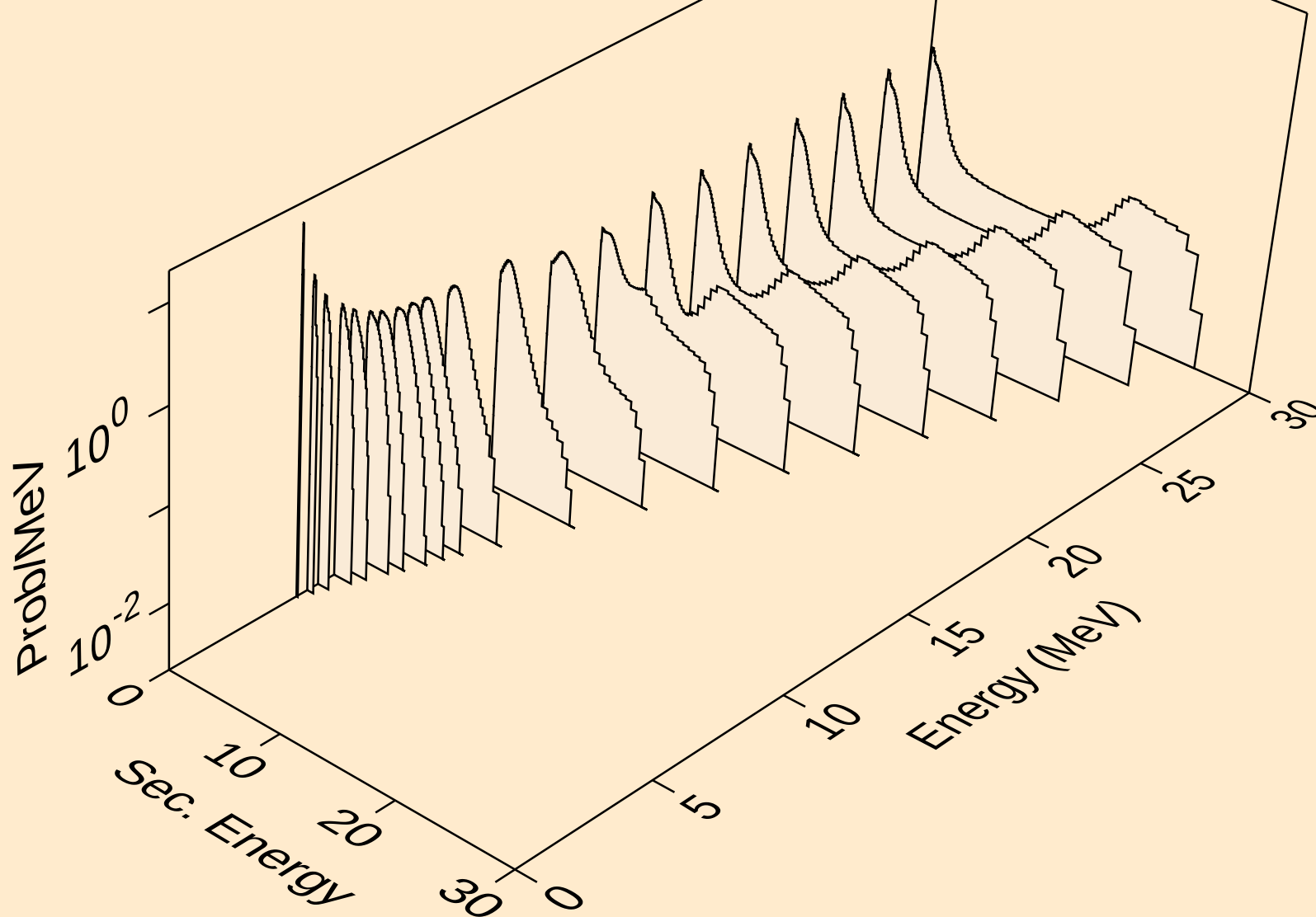
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



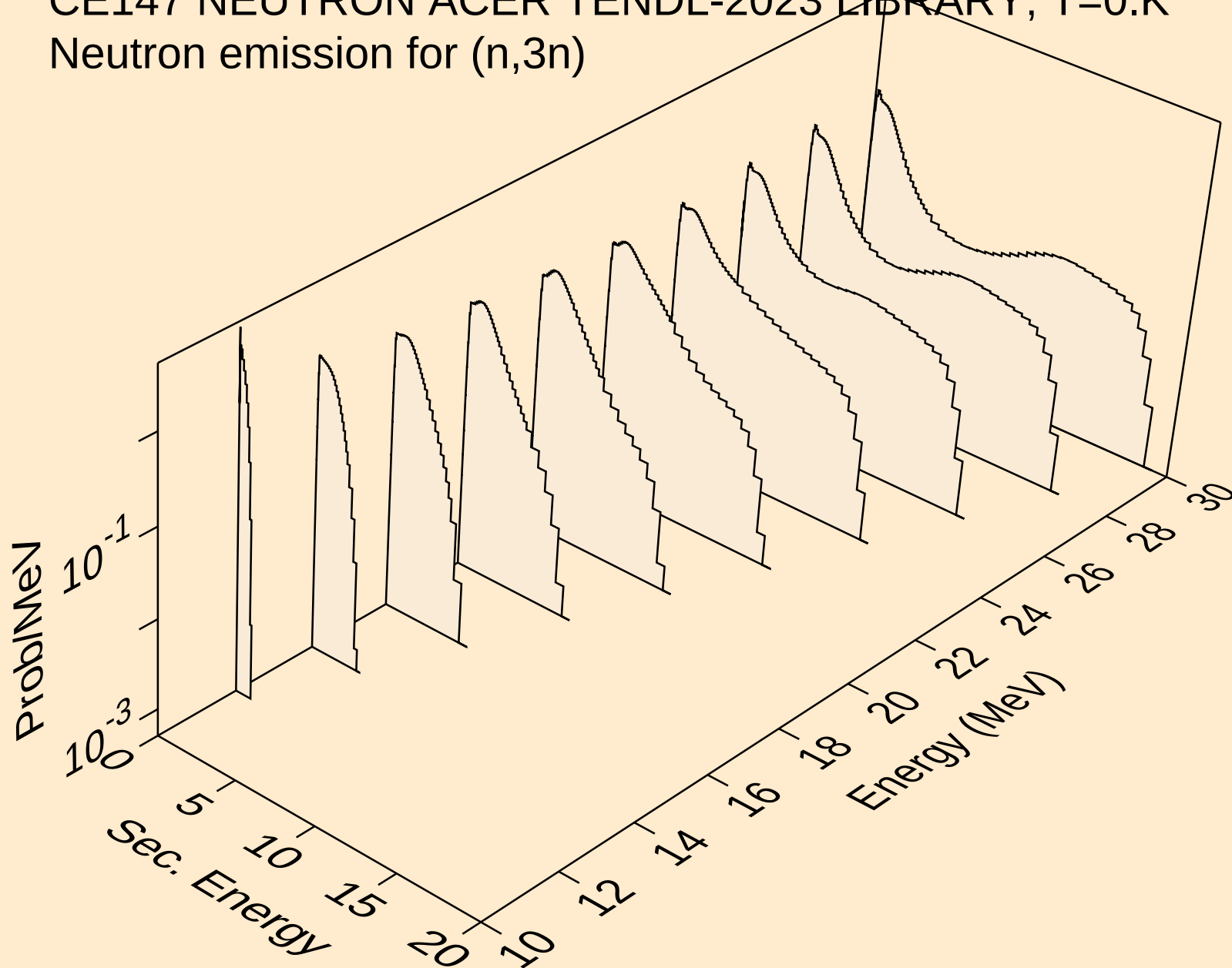
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

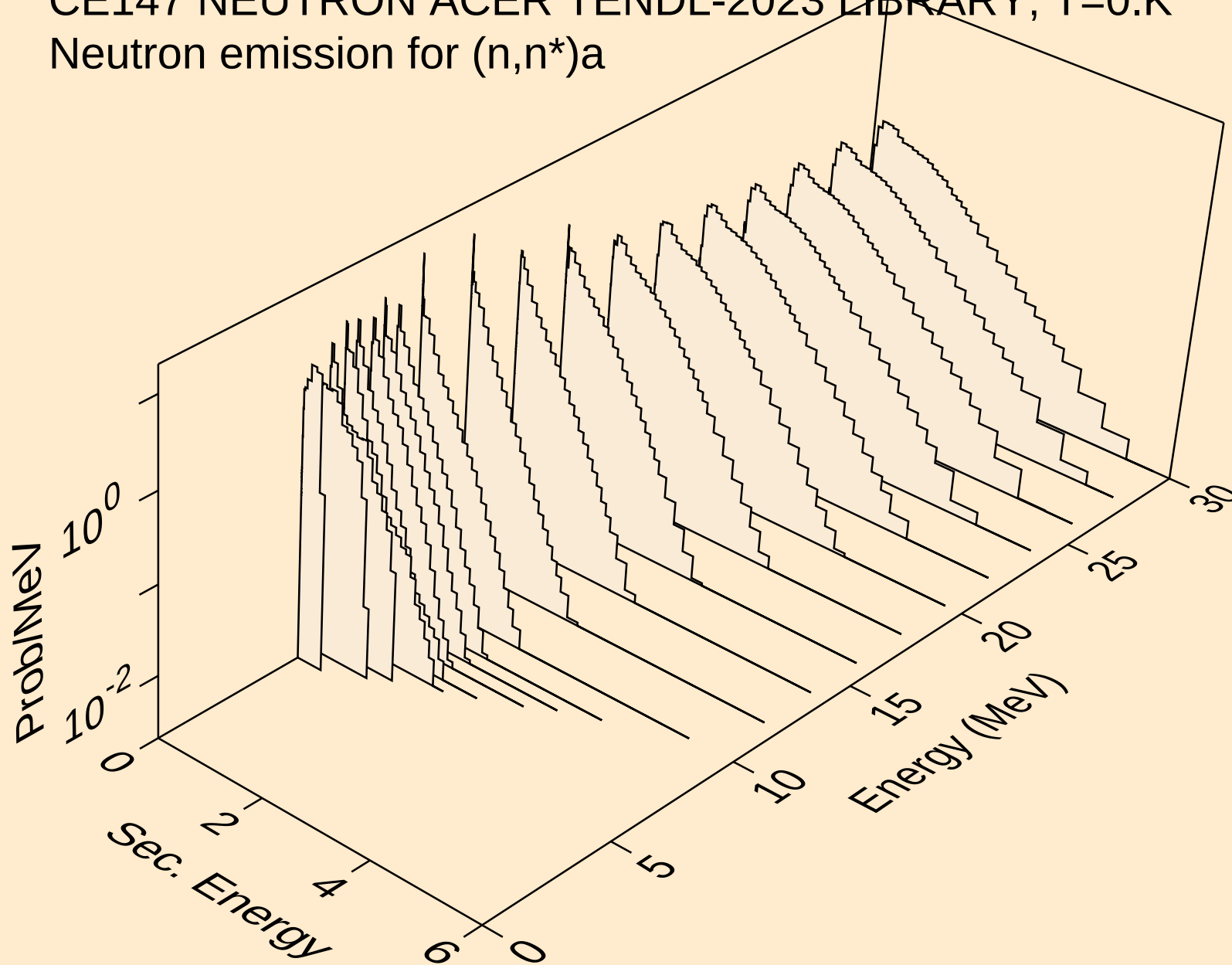


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

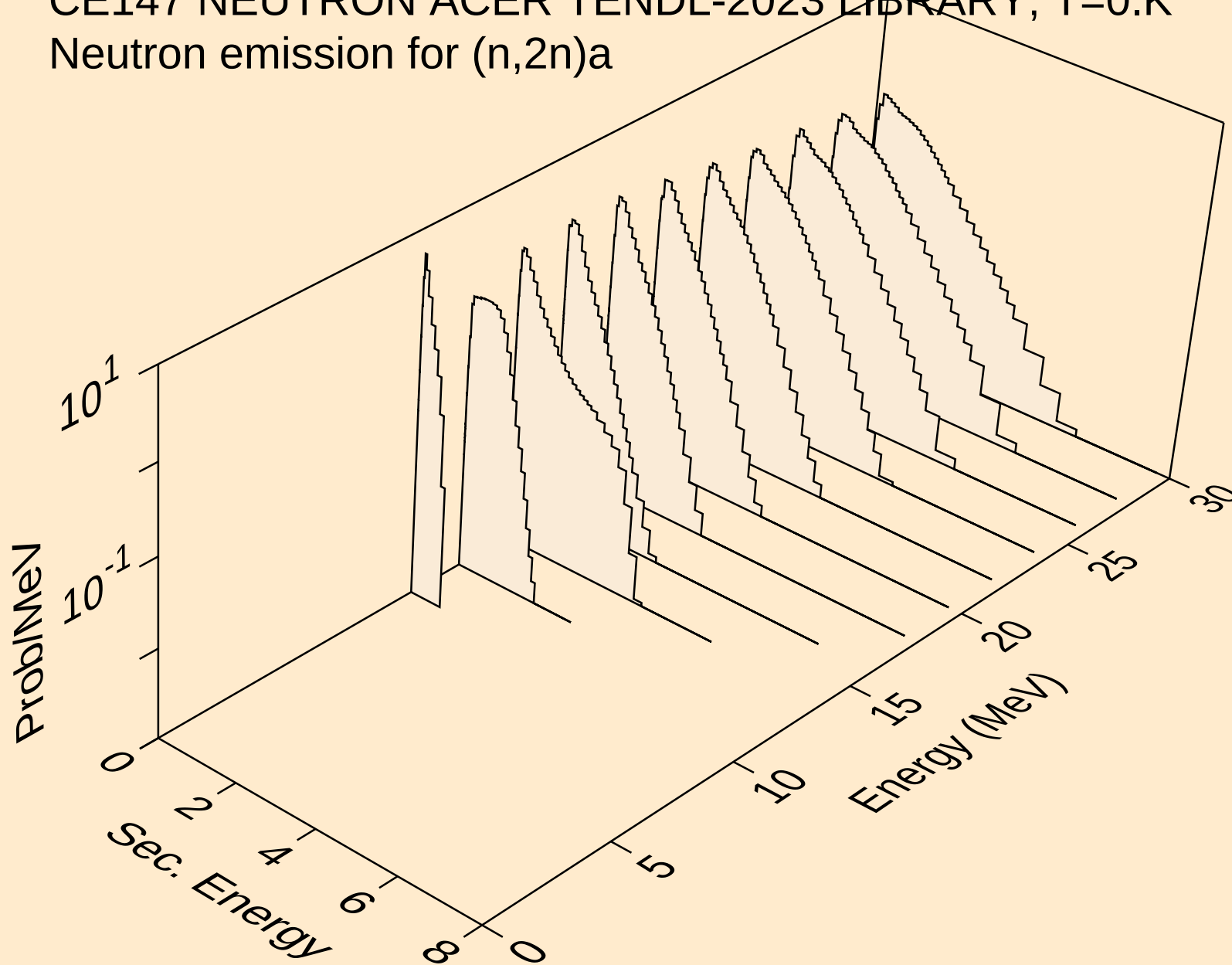


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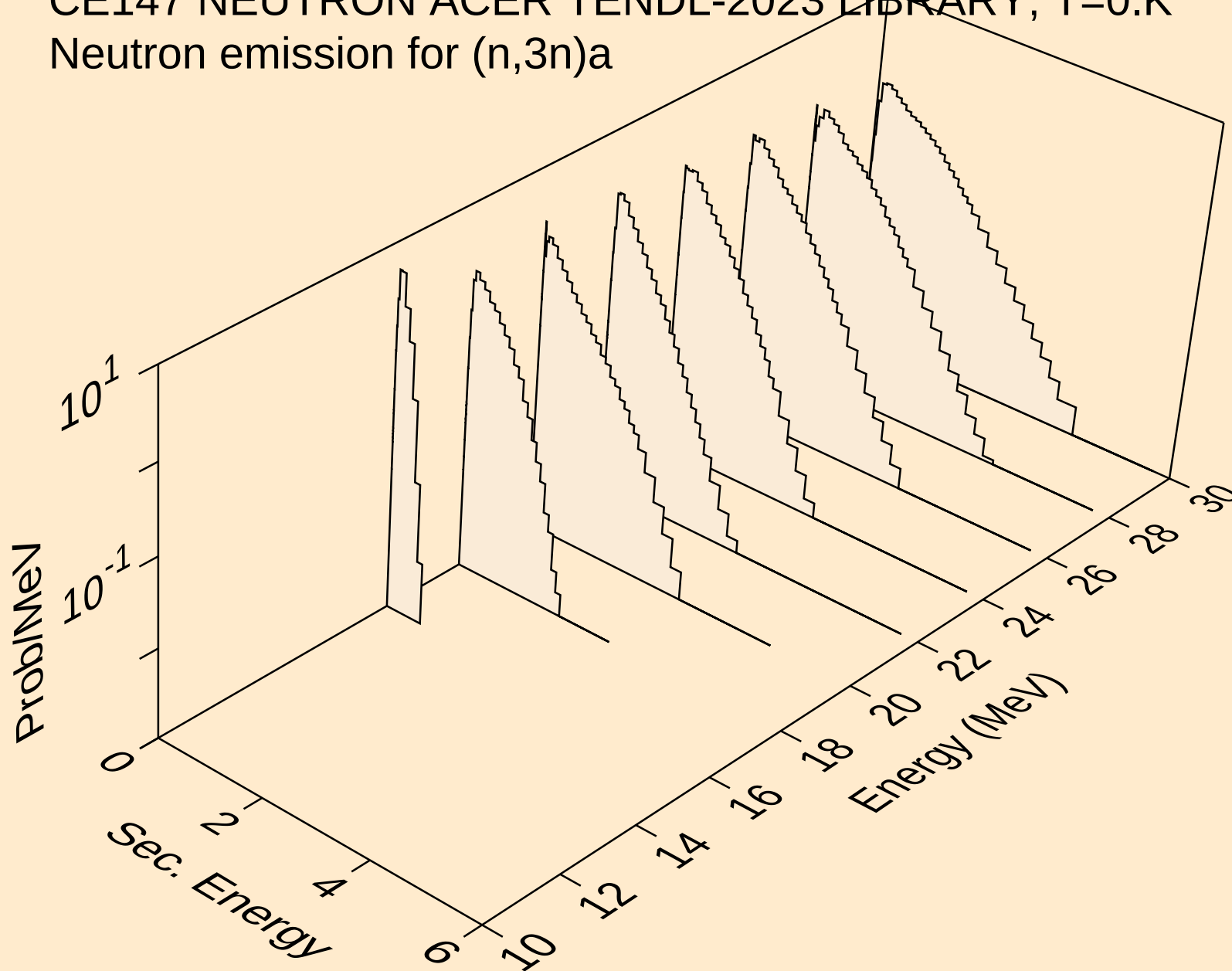
Neutron emission for (n,n*)a



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a

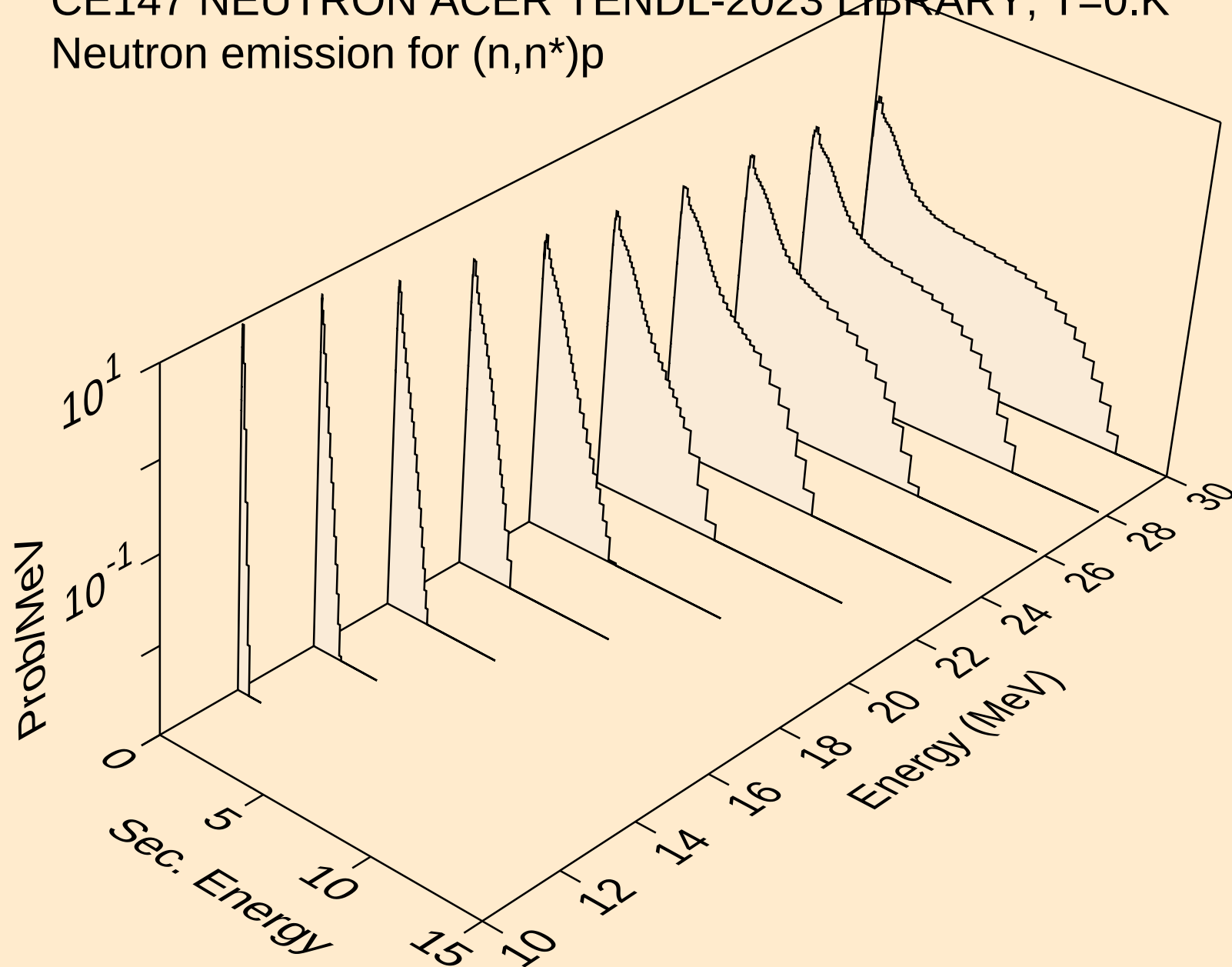


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a

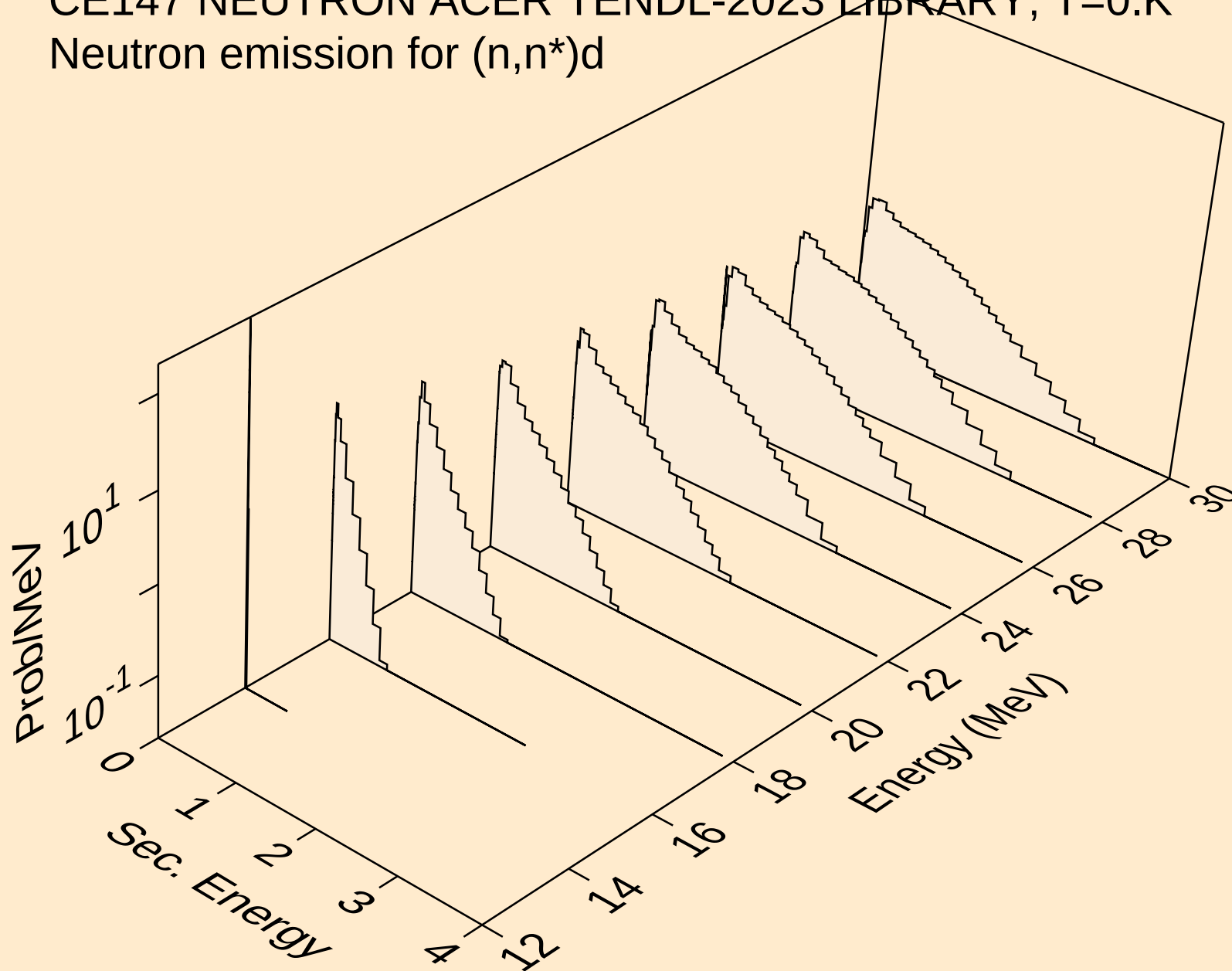


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p

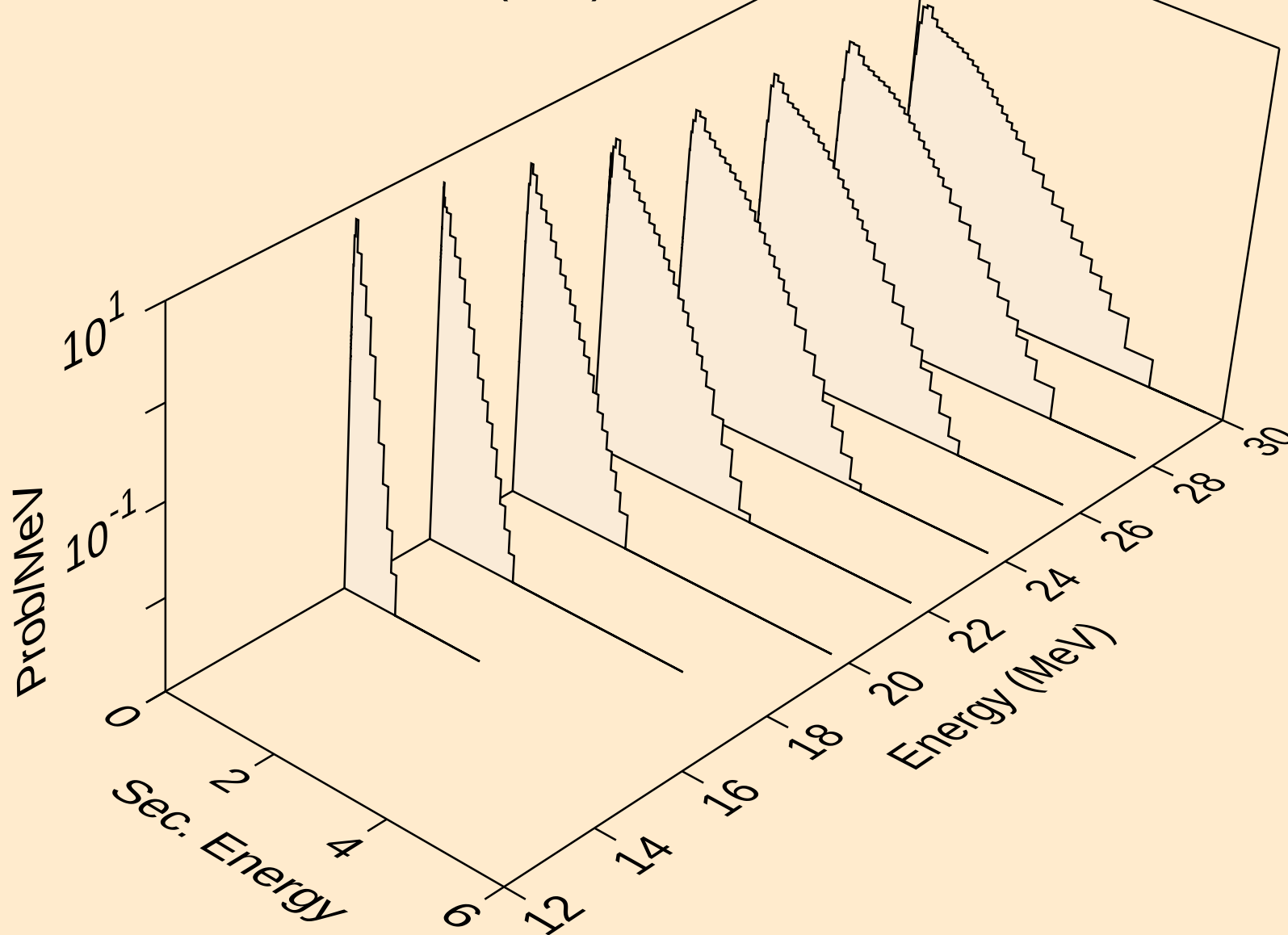


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

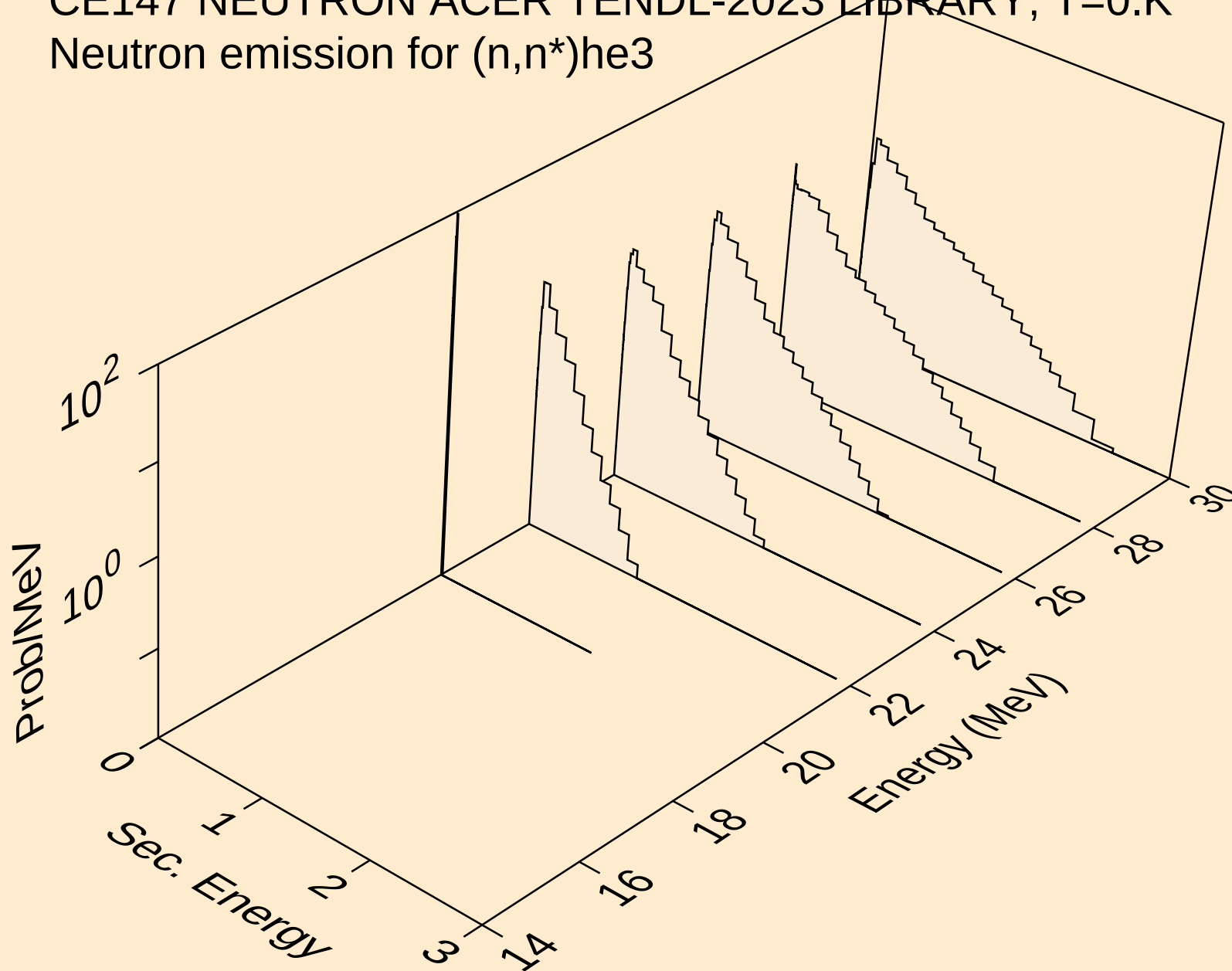


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

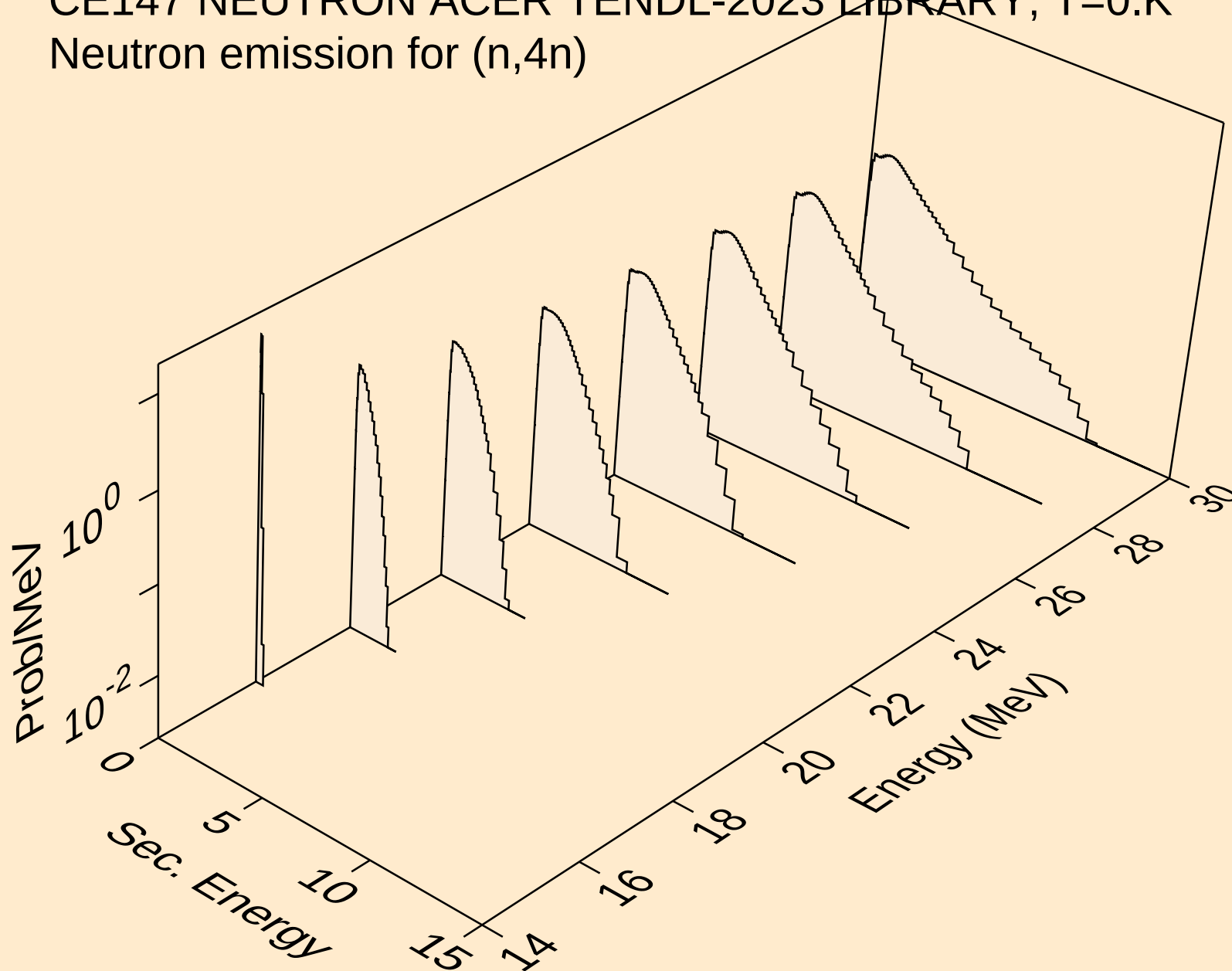
Neutron emission for (n,n*)t



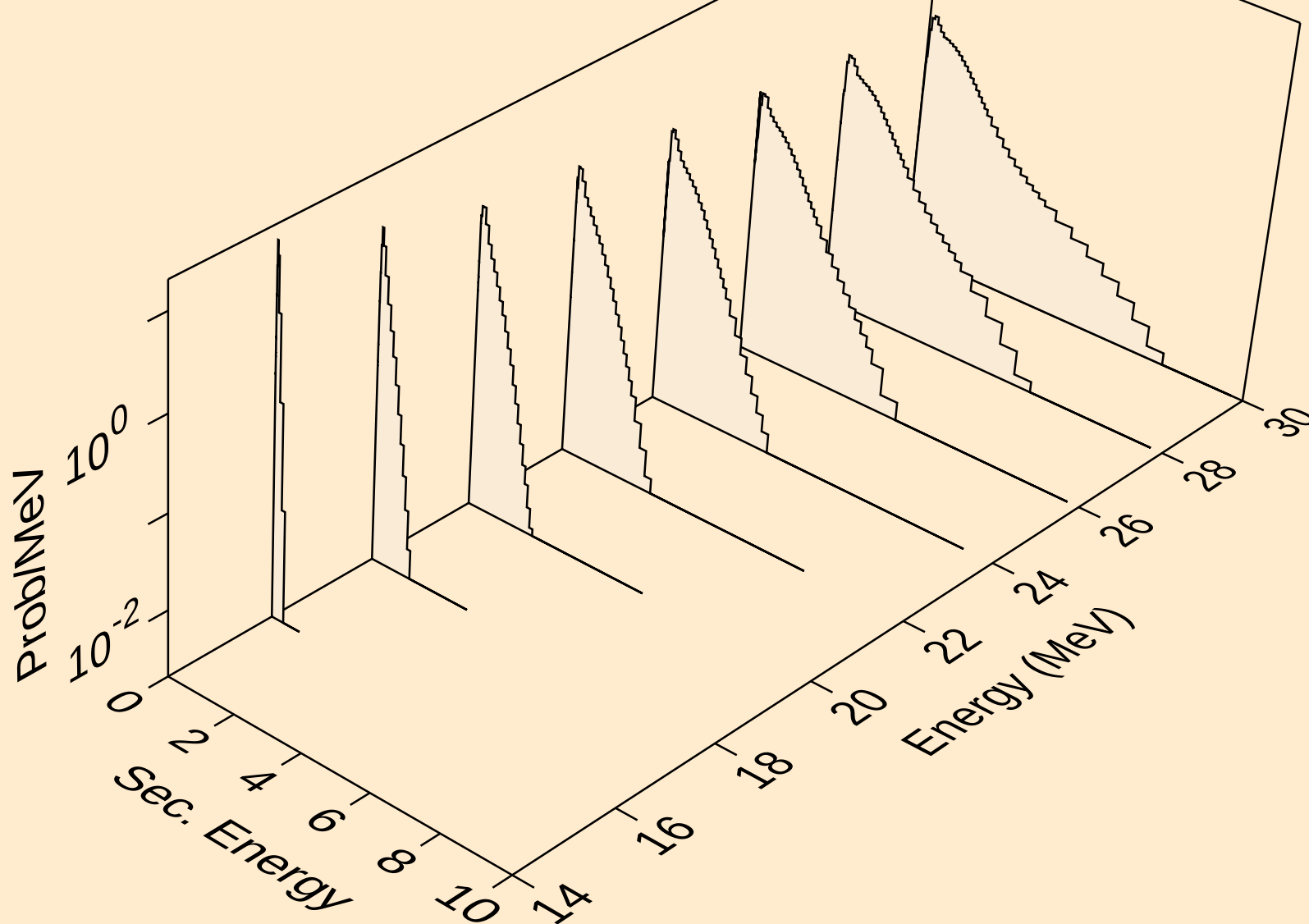
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



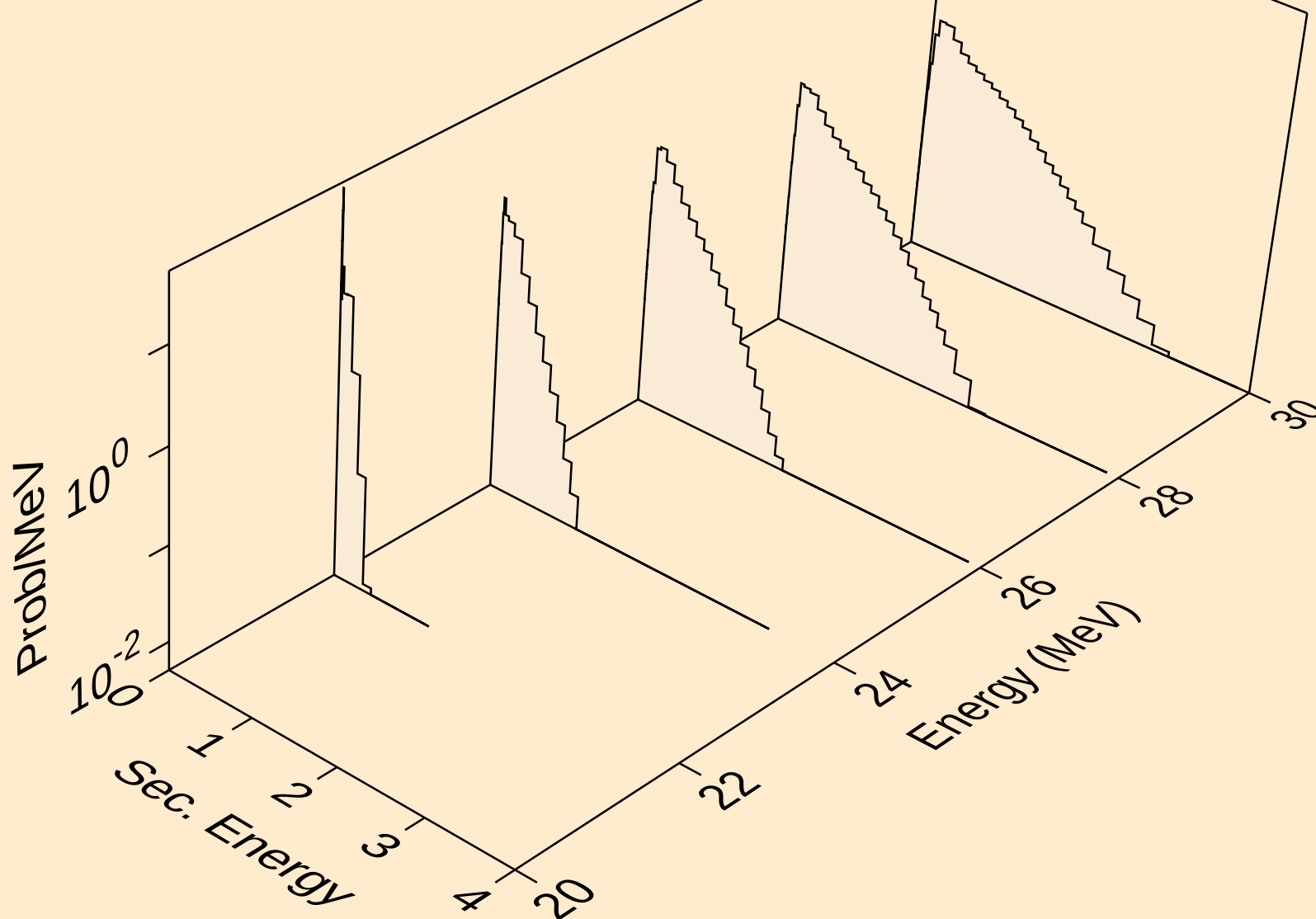
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



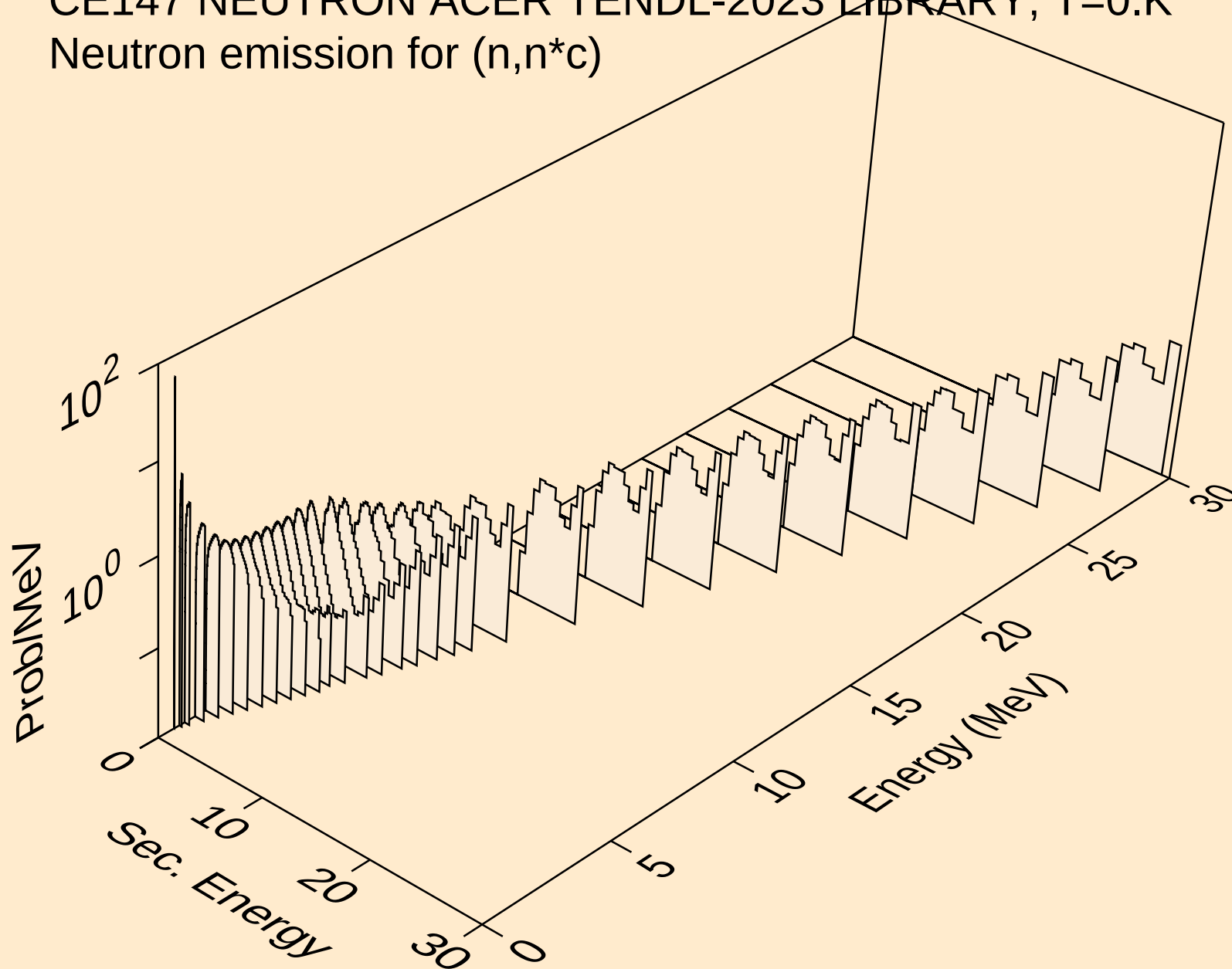
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



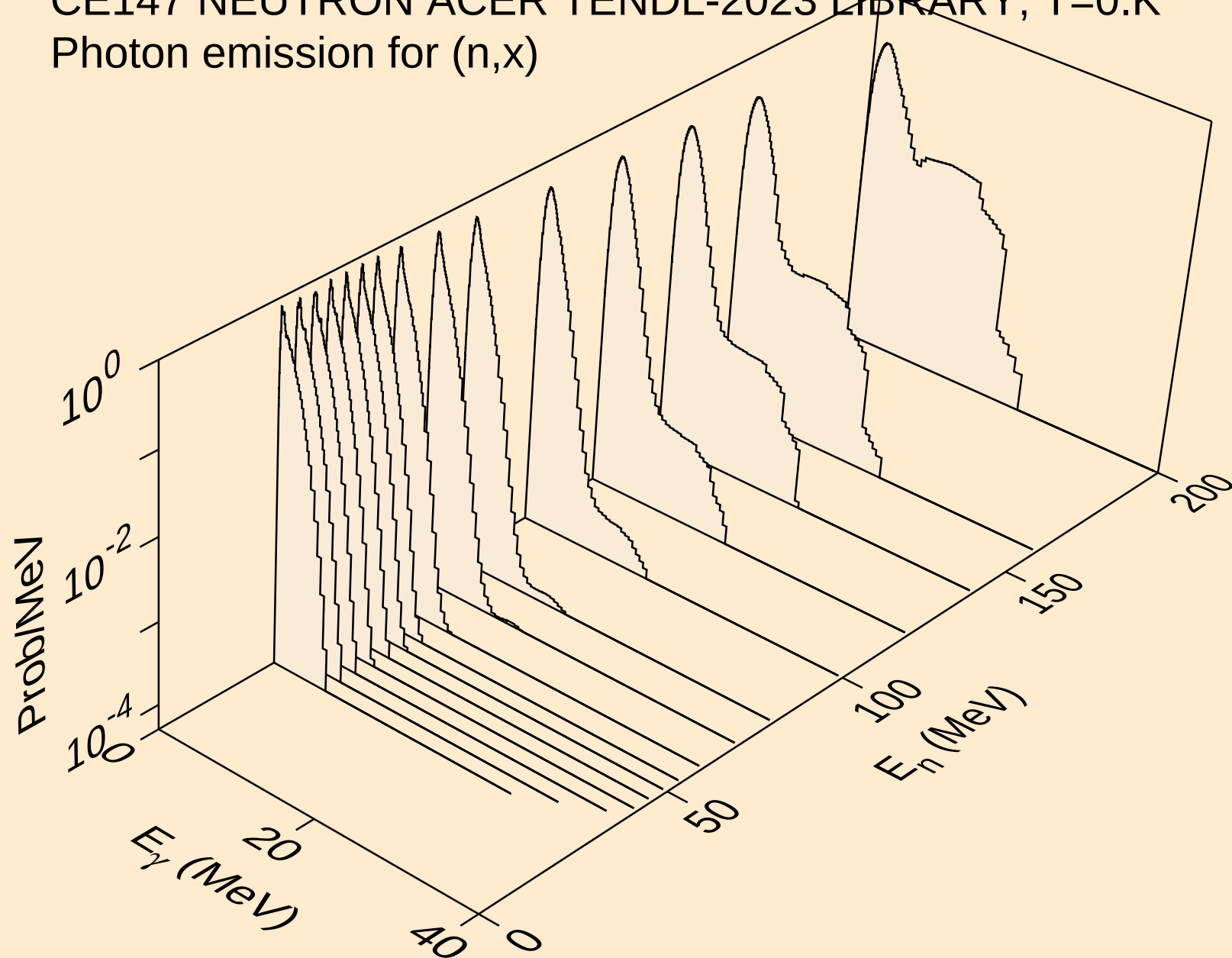
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



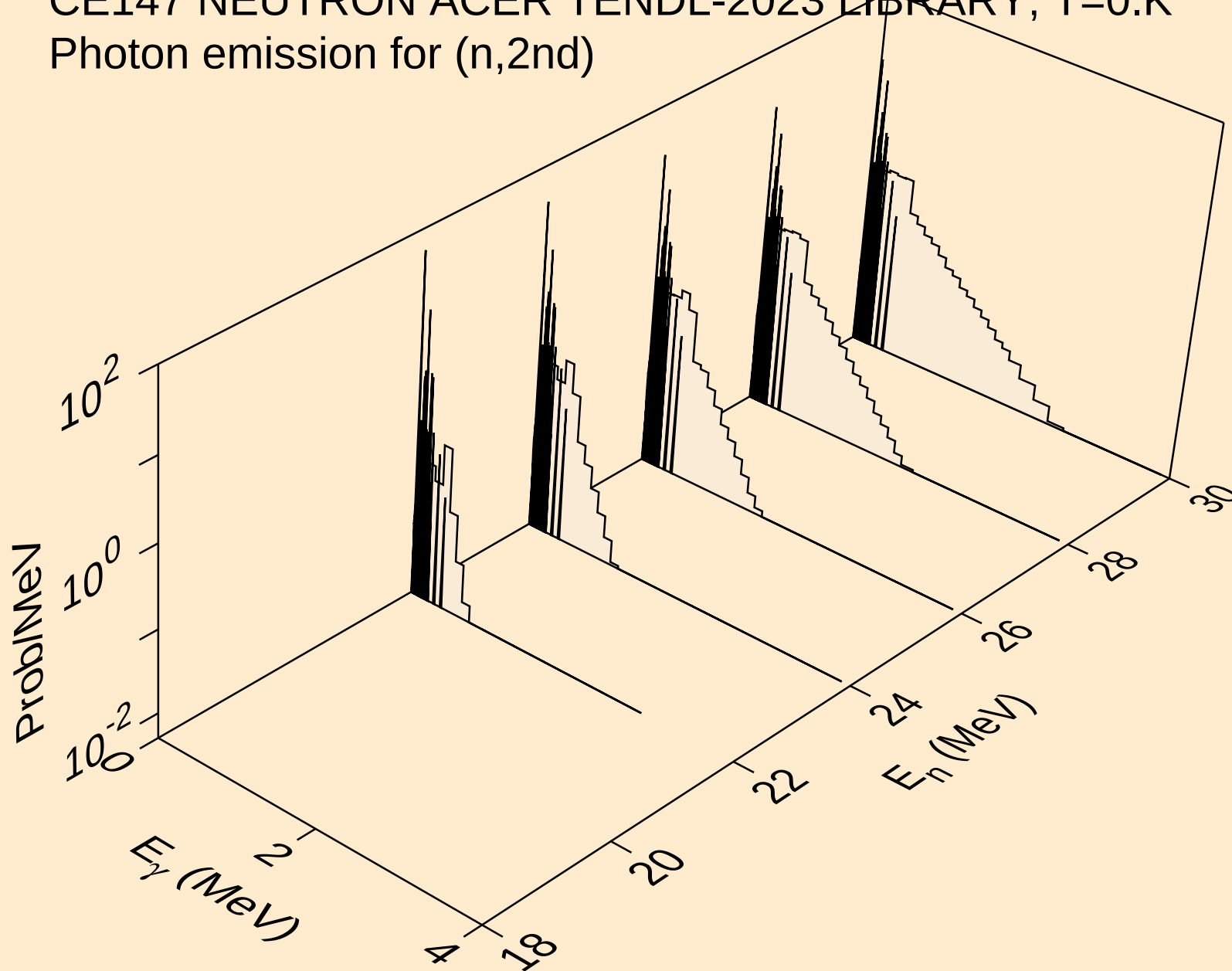
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



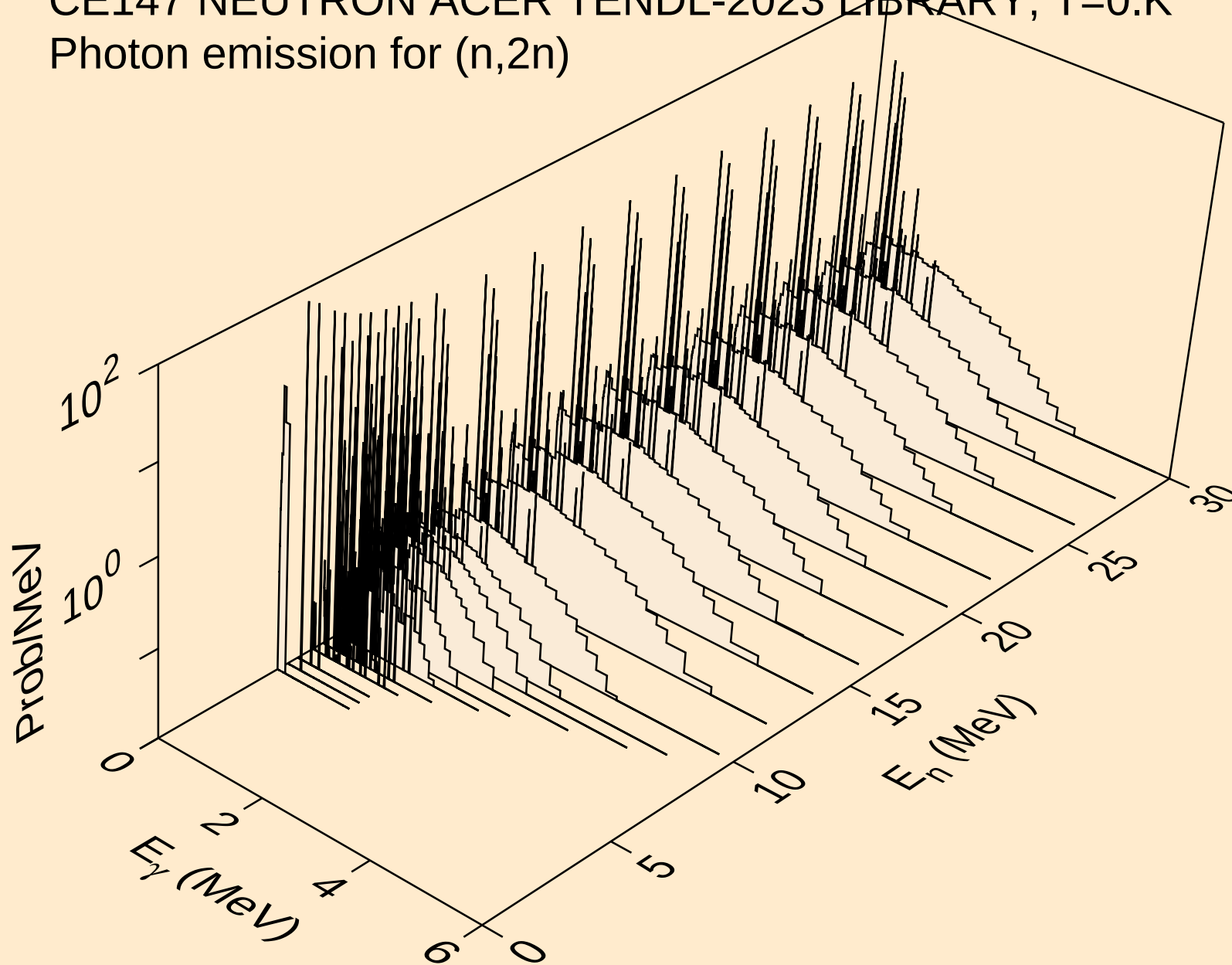
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



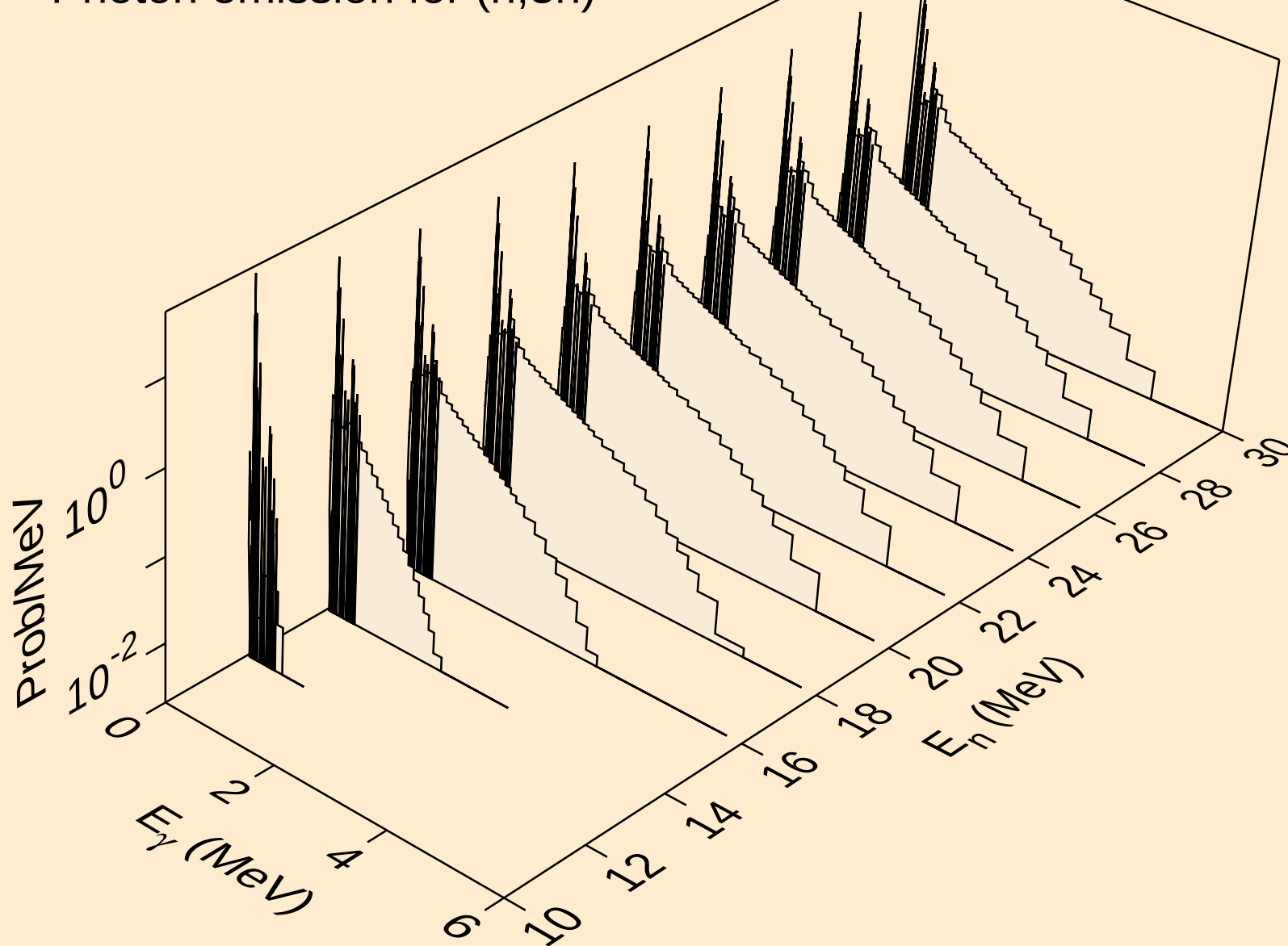
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

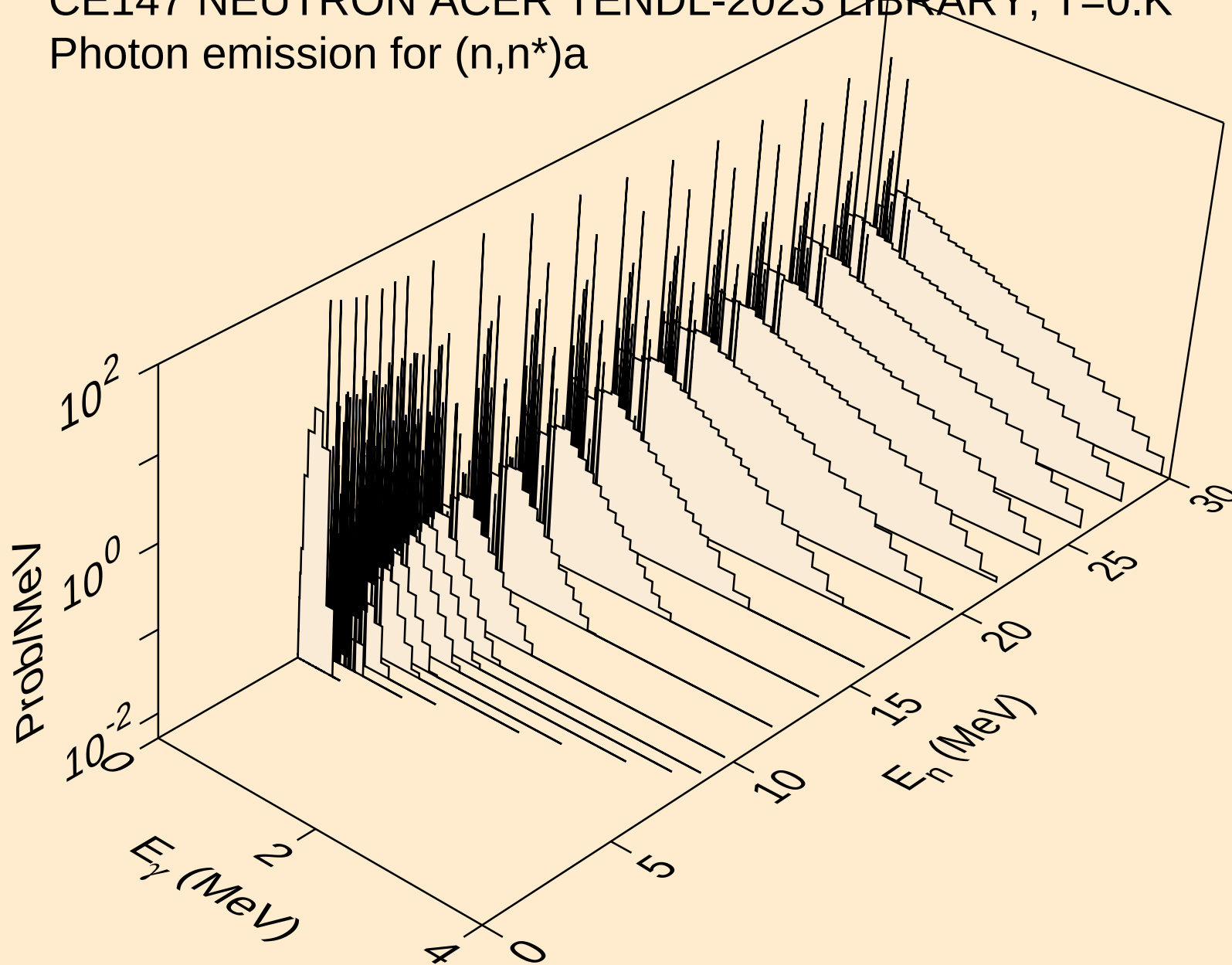


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

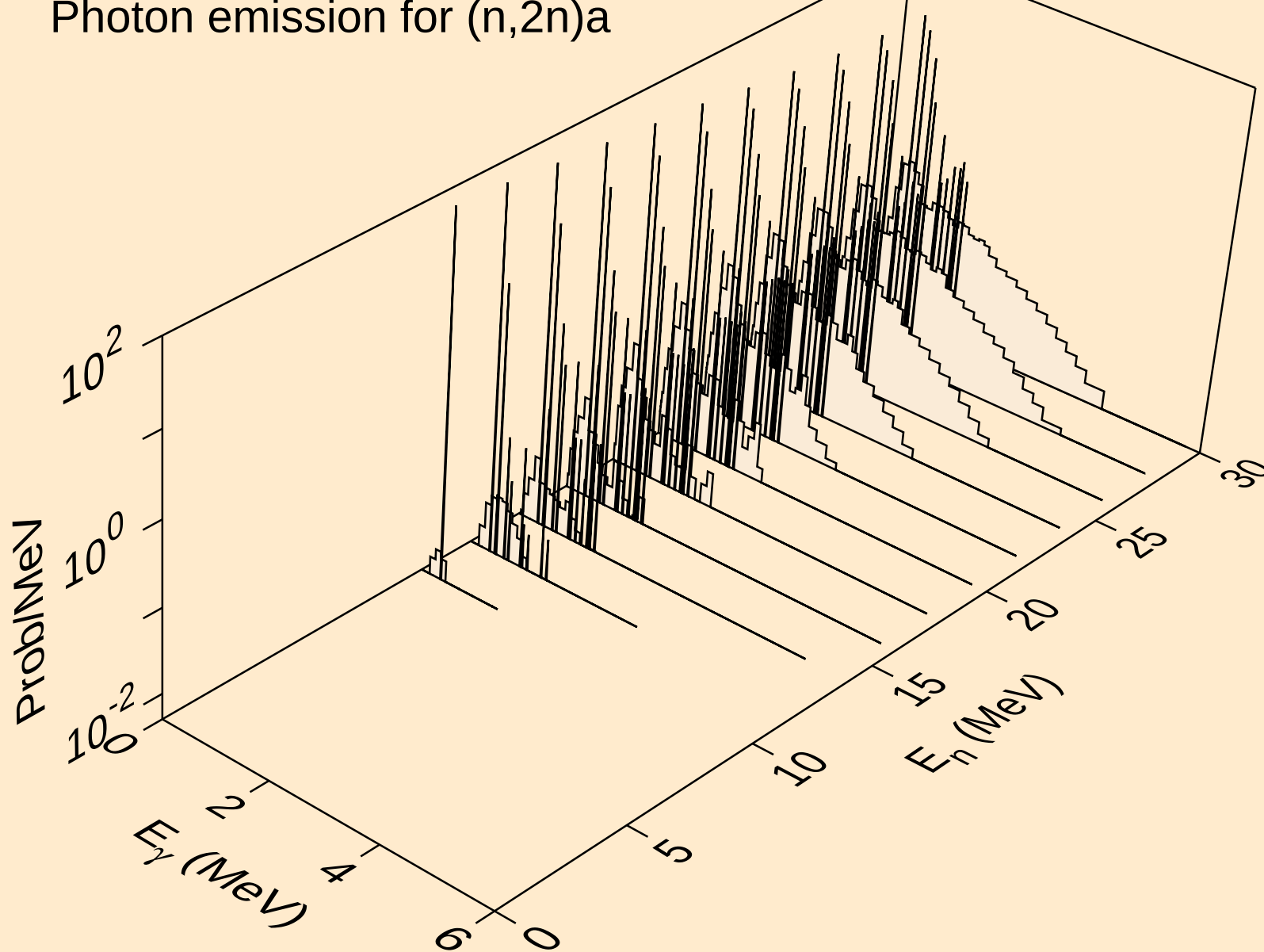


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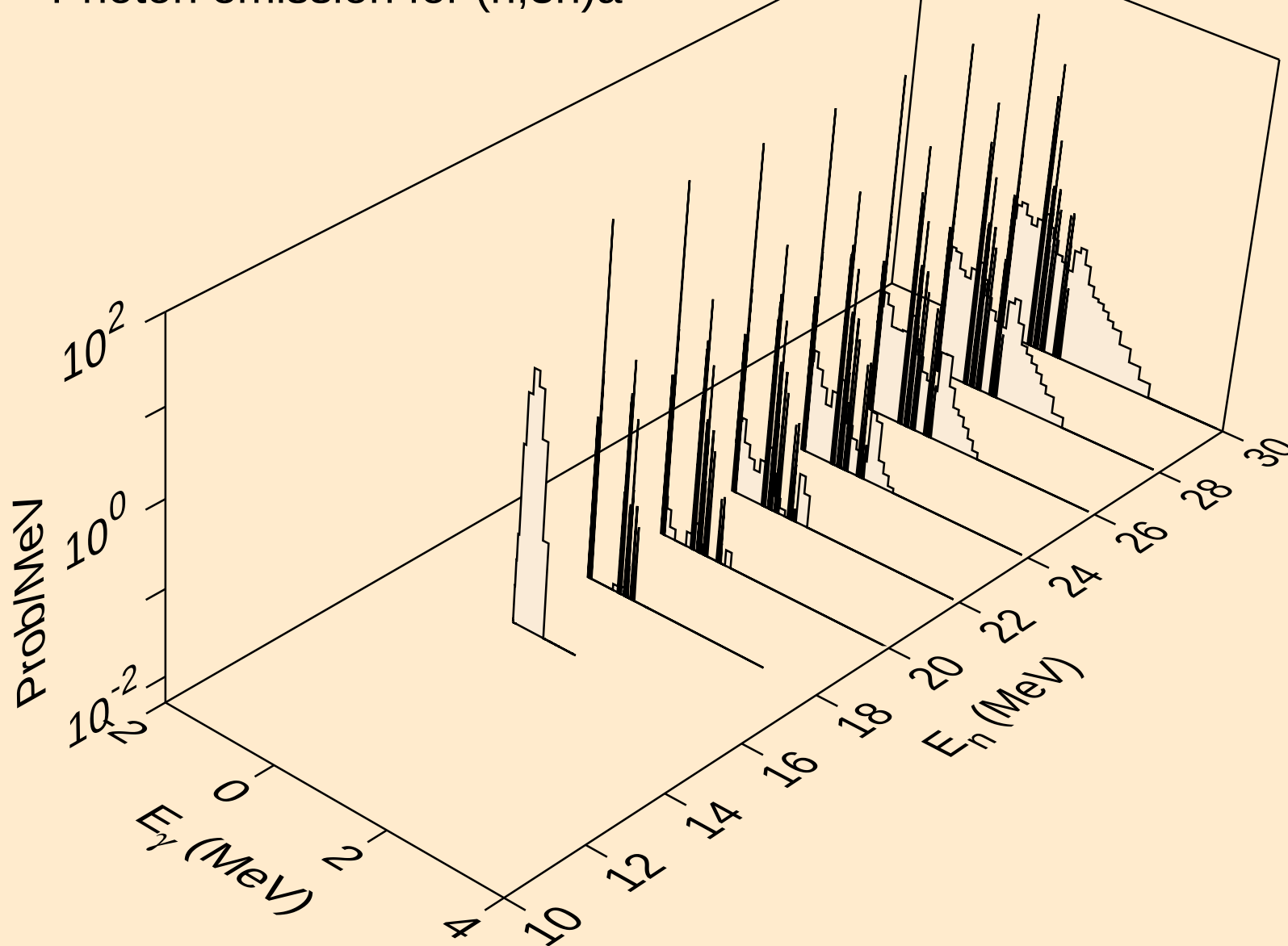
Photon emission for (n,n*)a



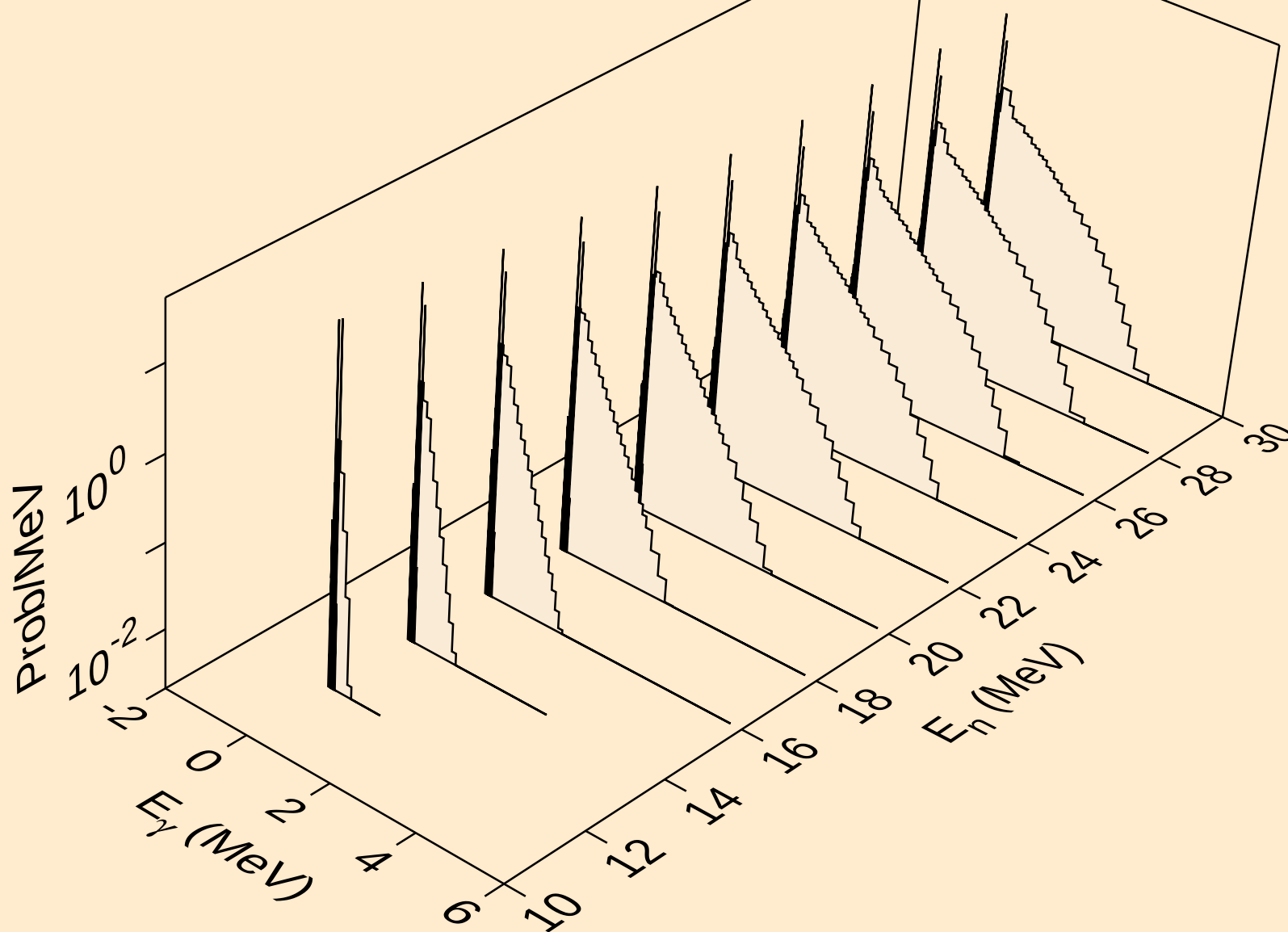
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



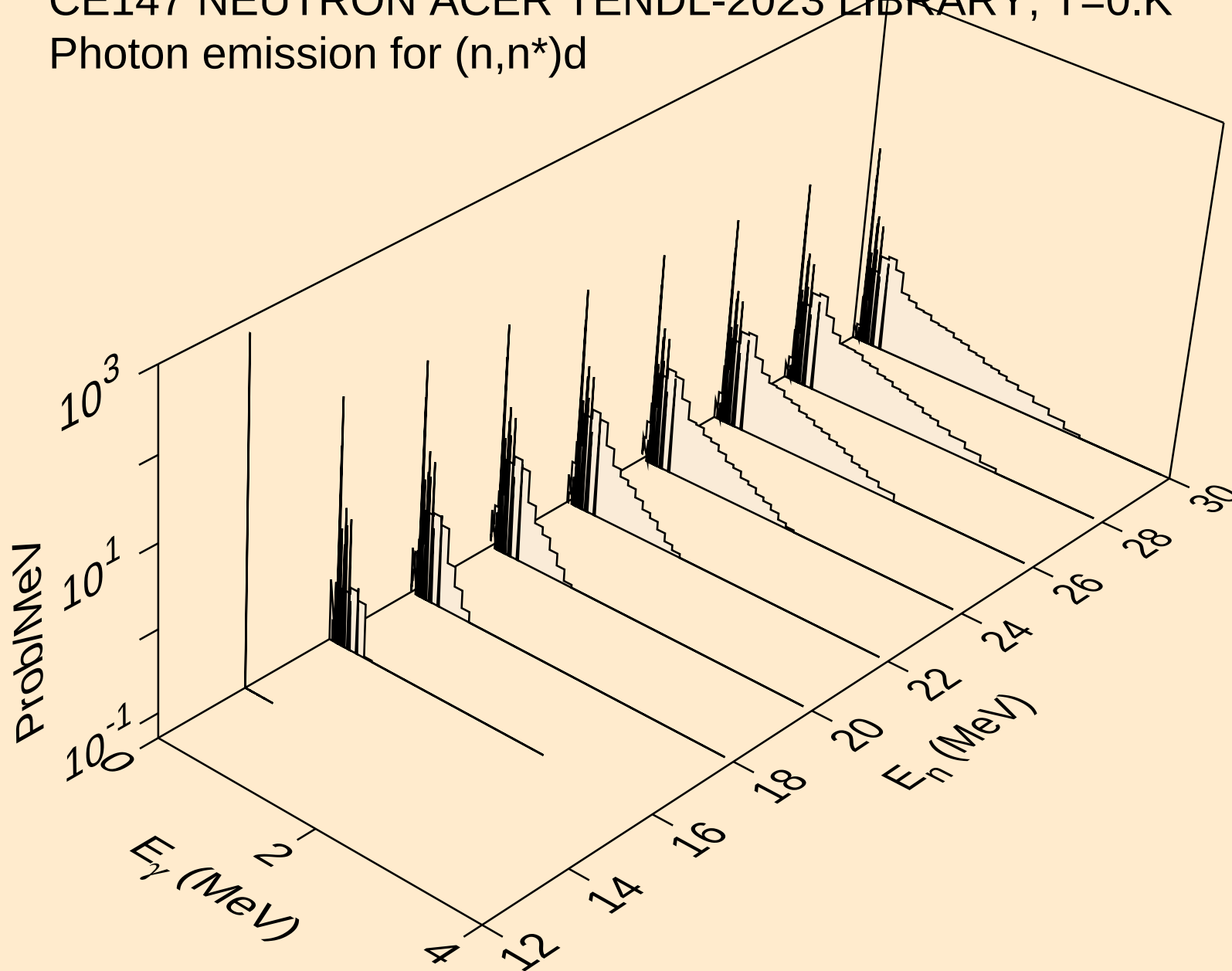
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

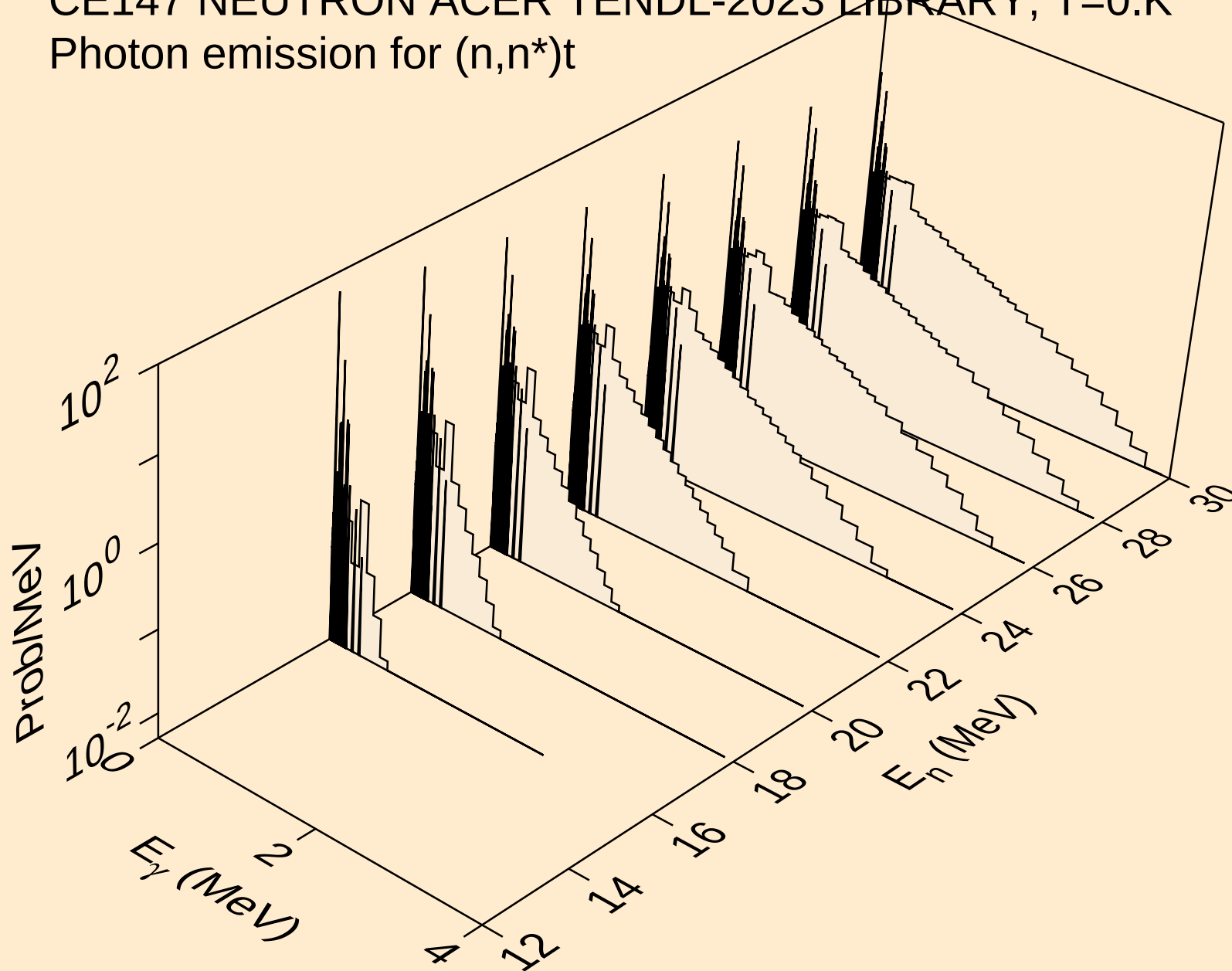


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

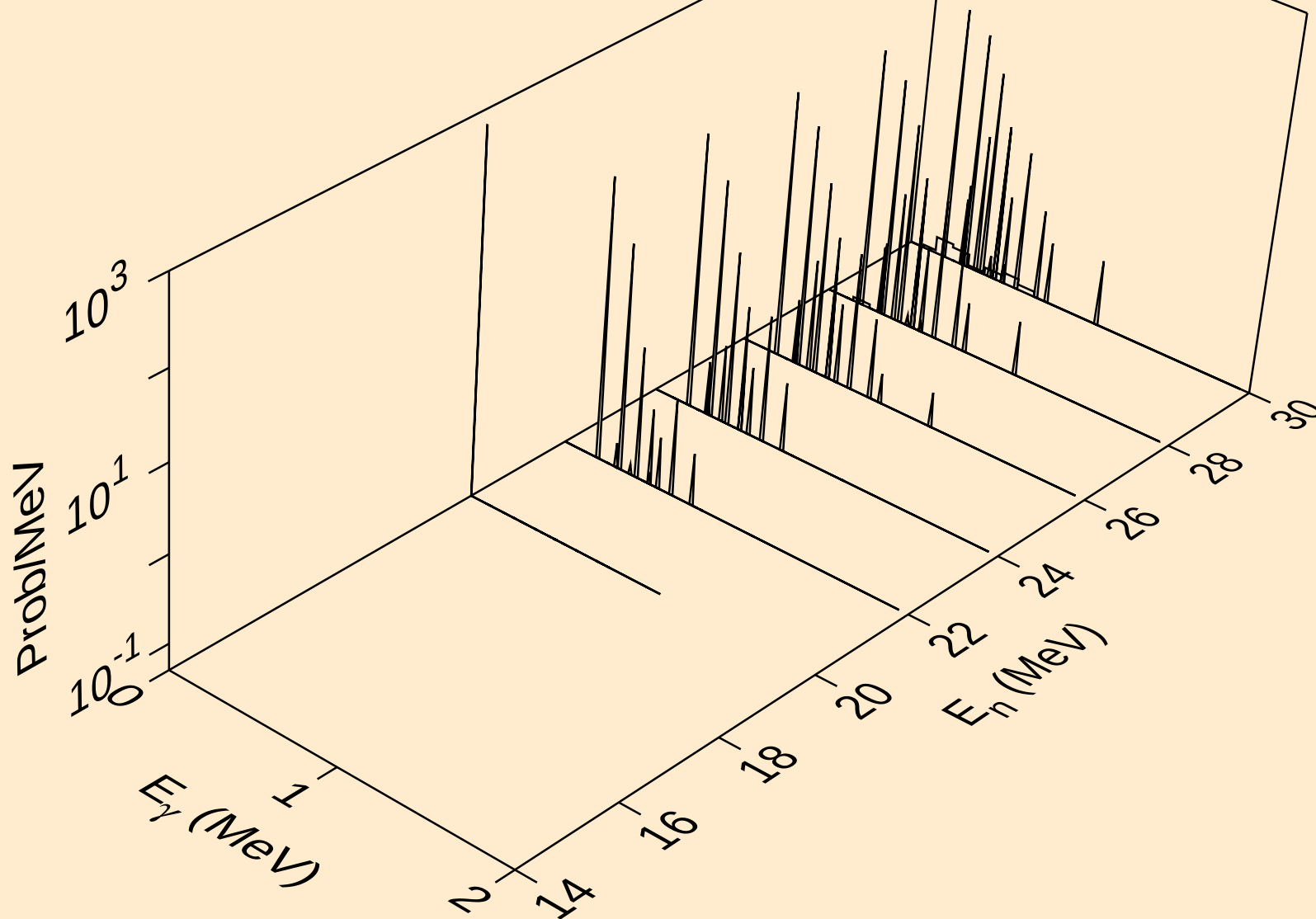


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

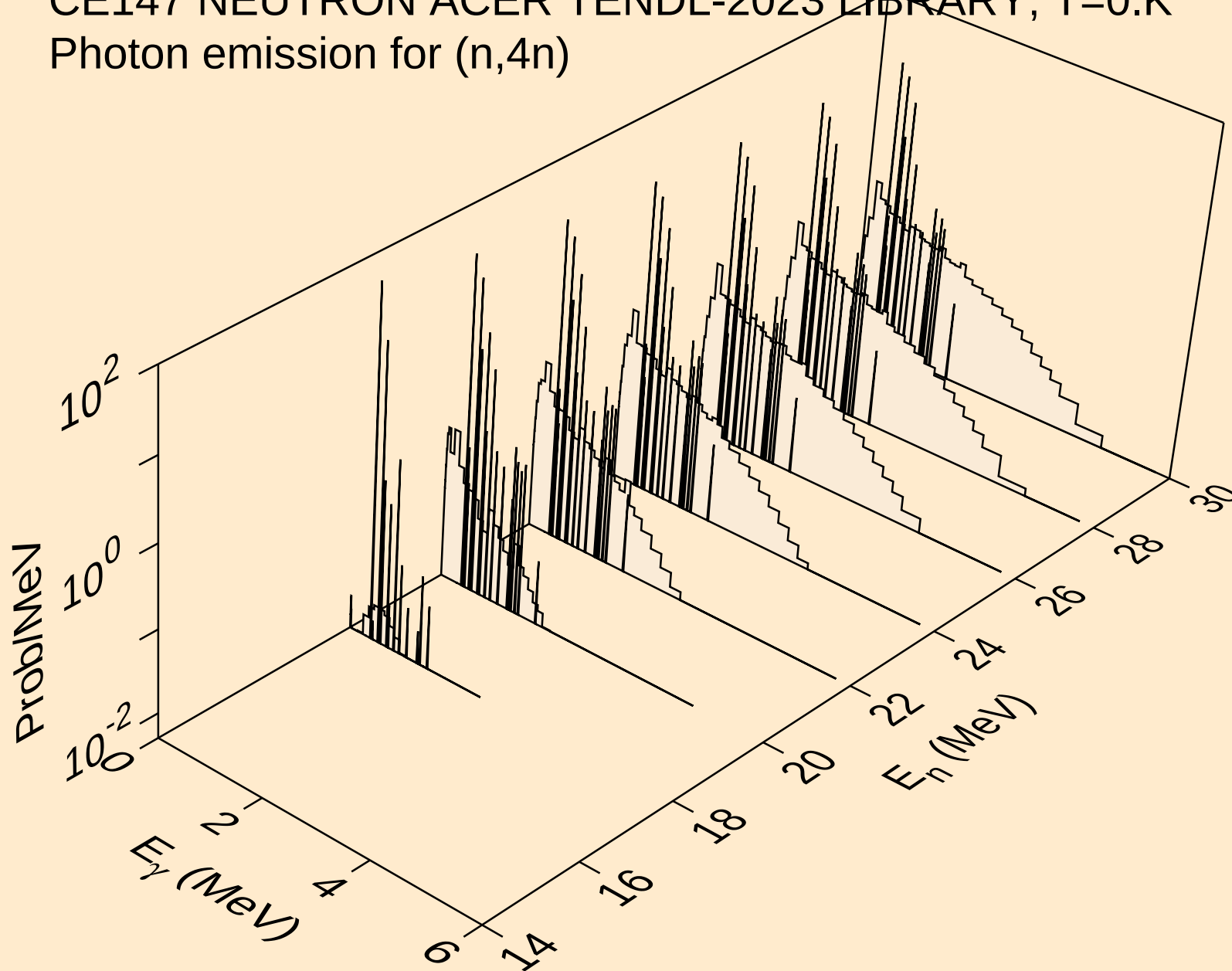
Photon emission for (n,n*)t



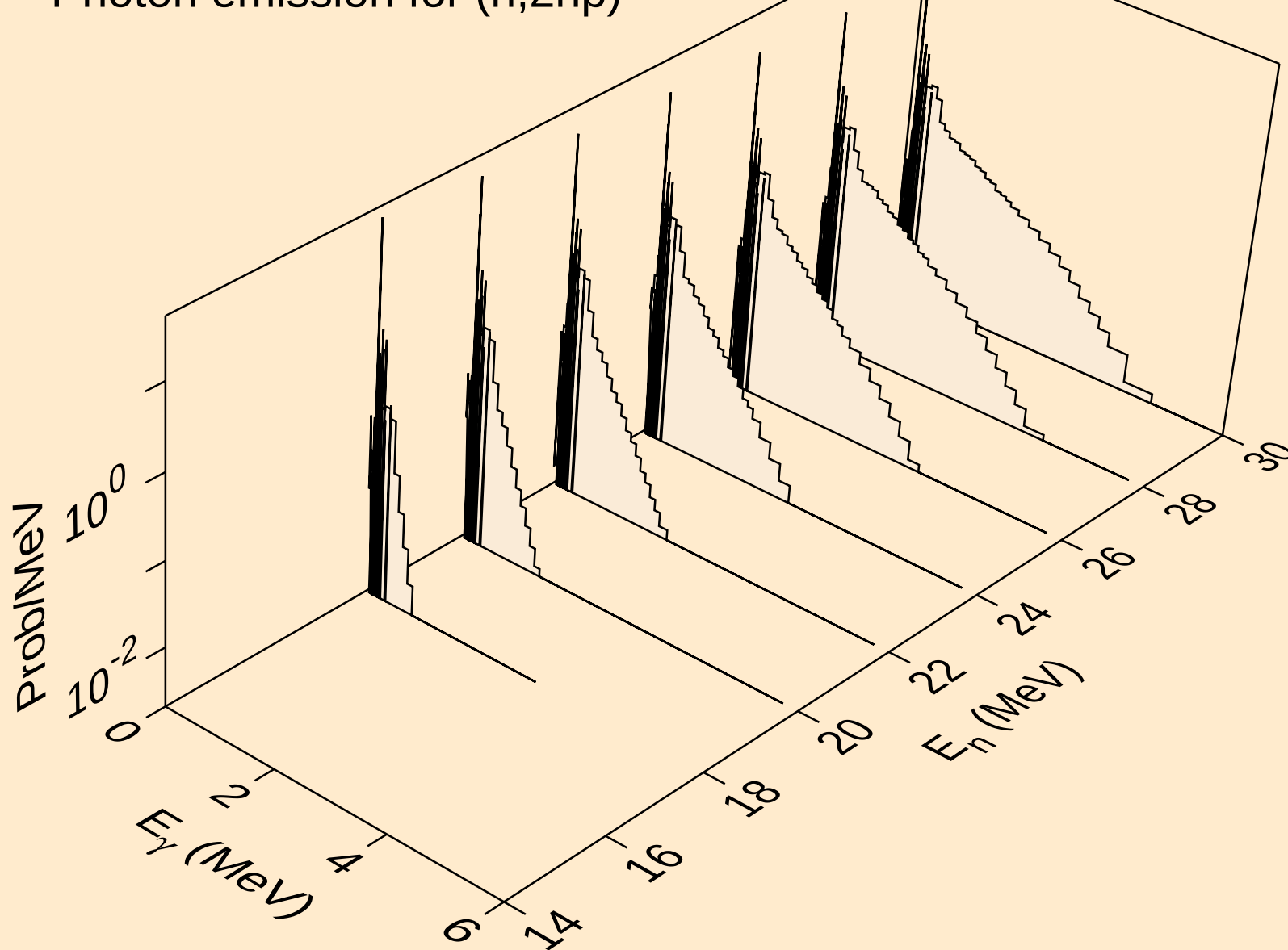
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



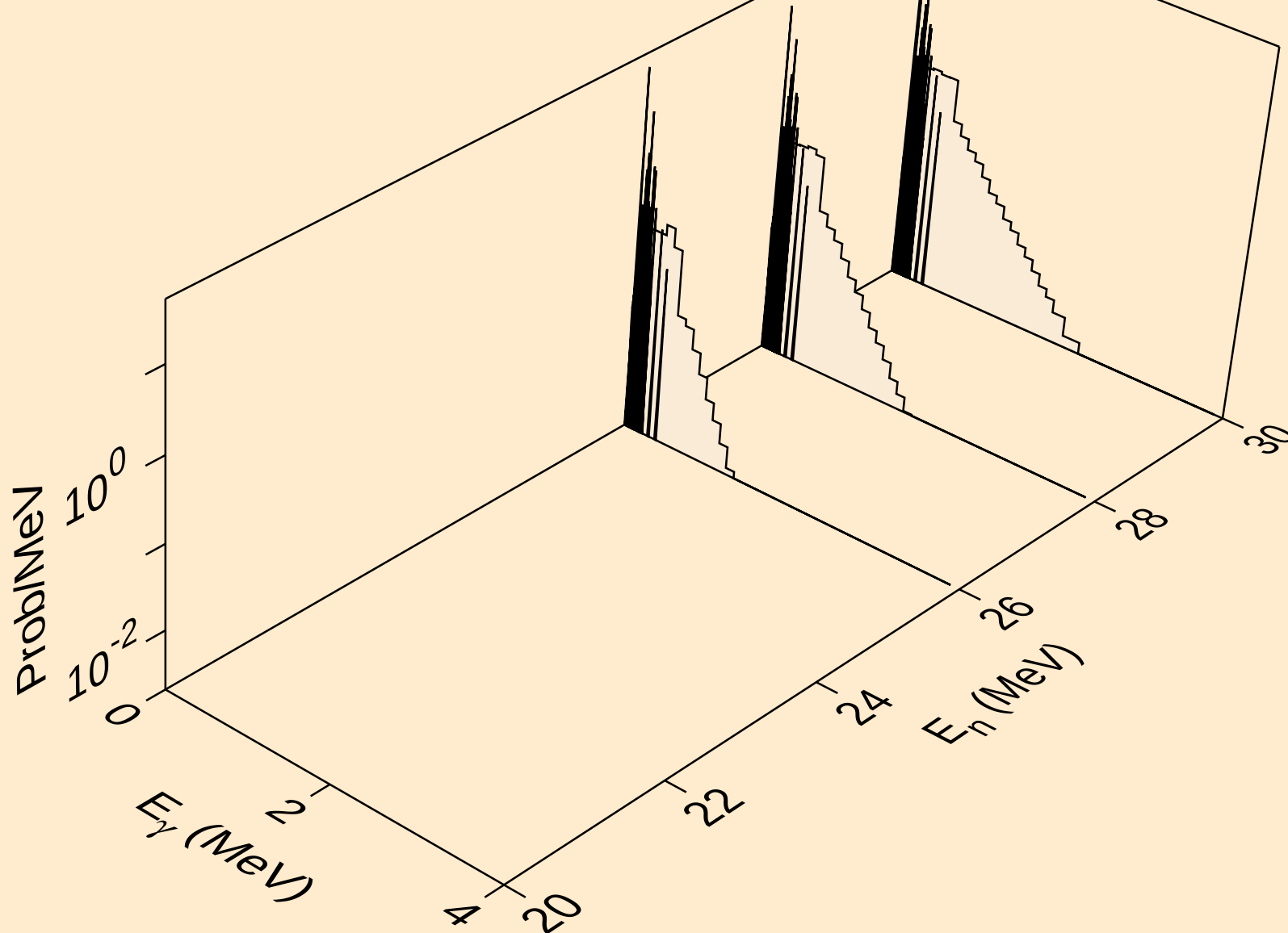
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



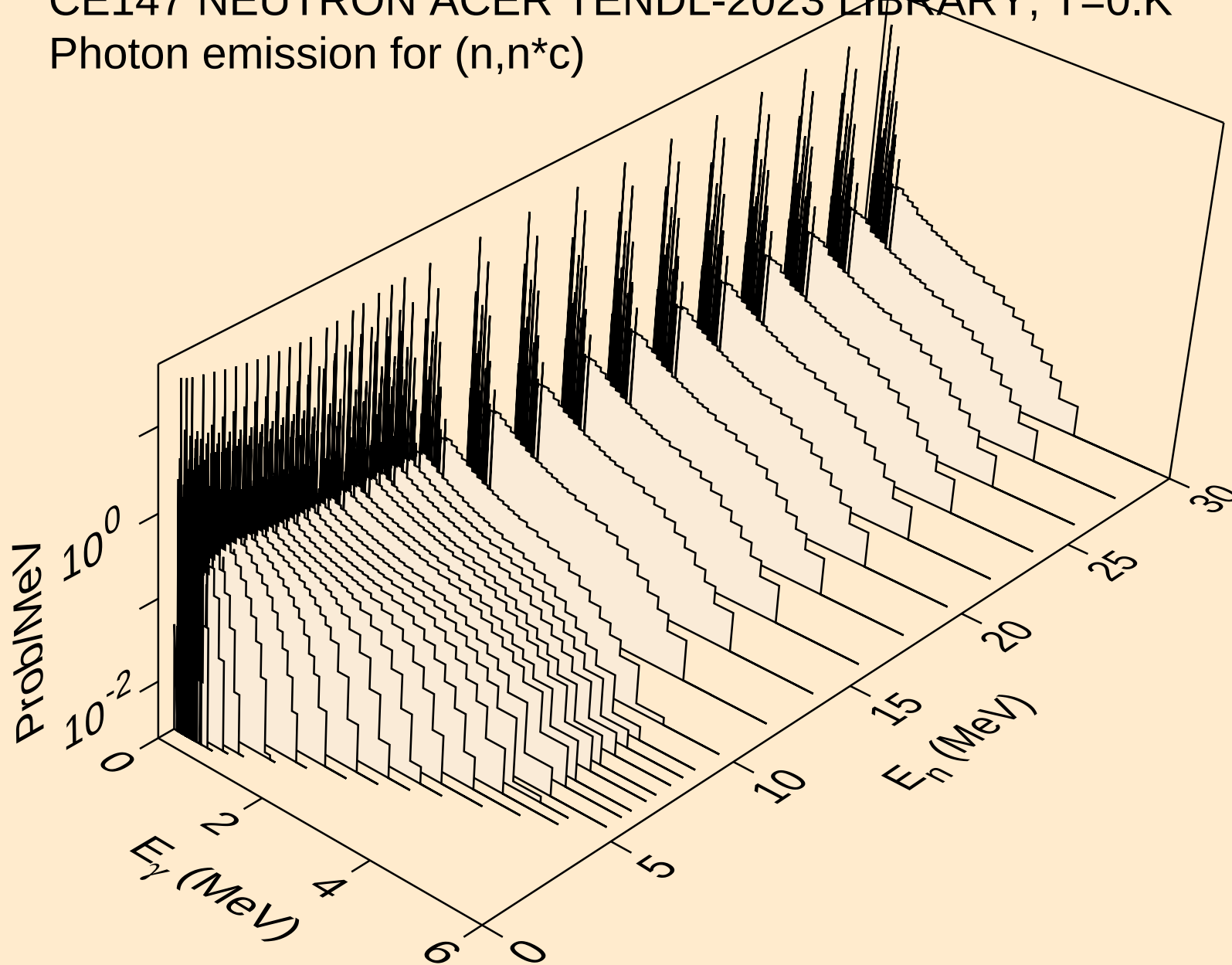
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



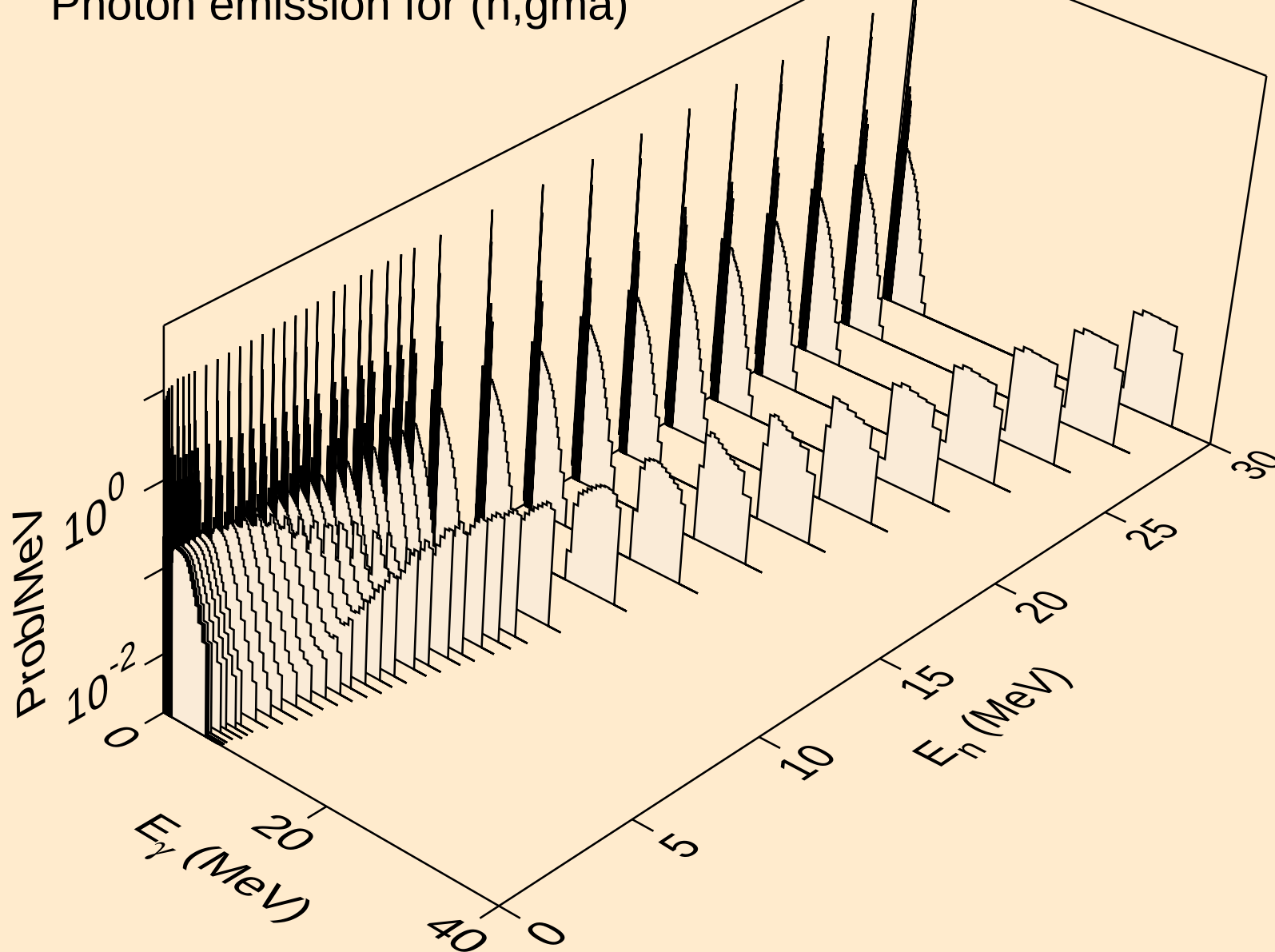
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



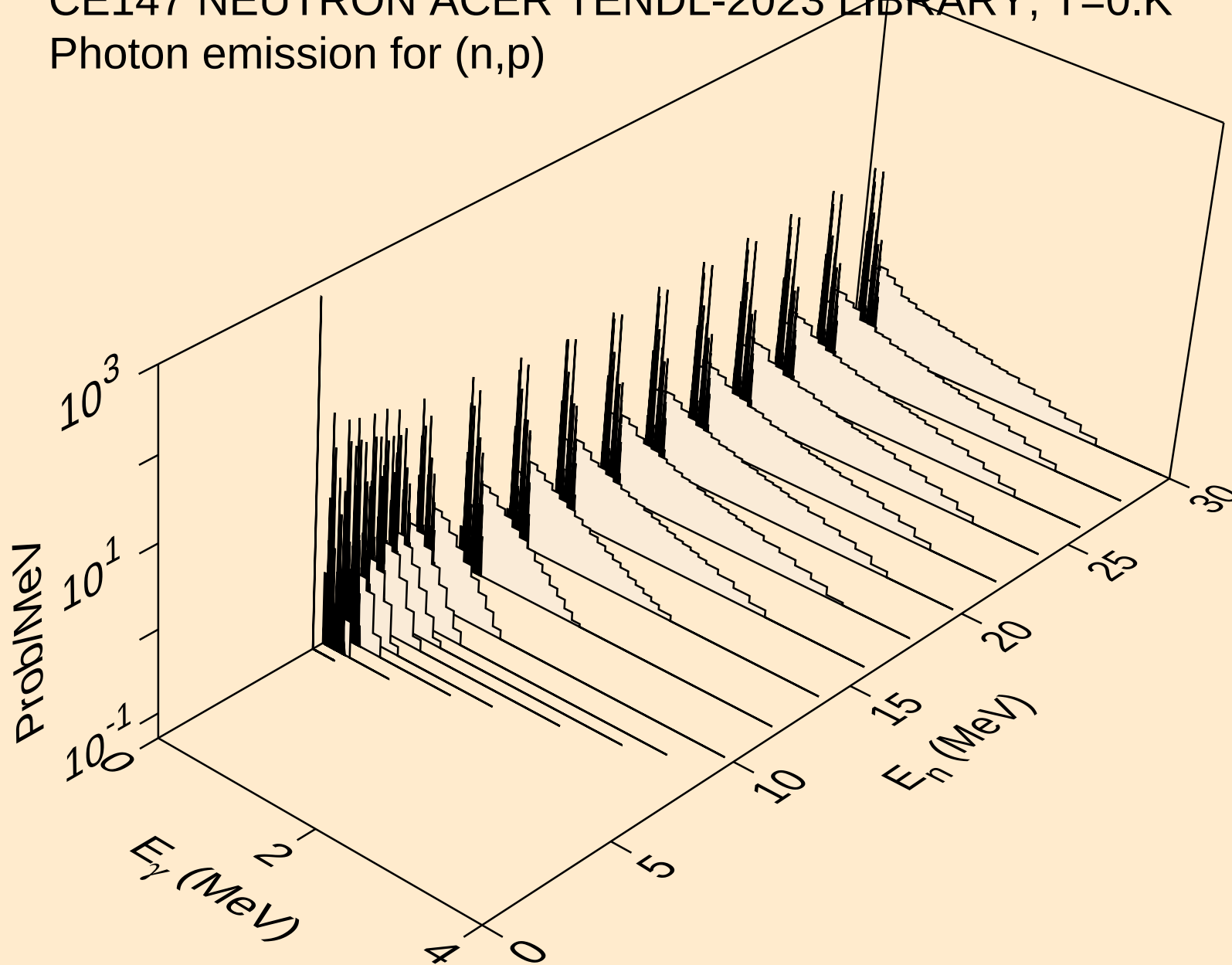
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



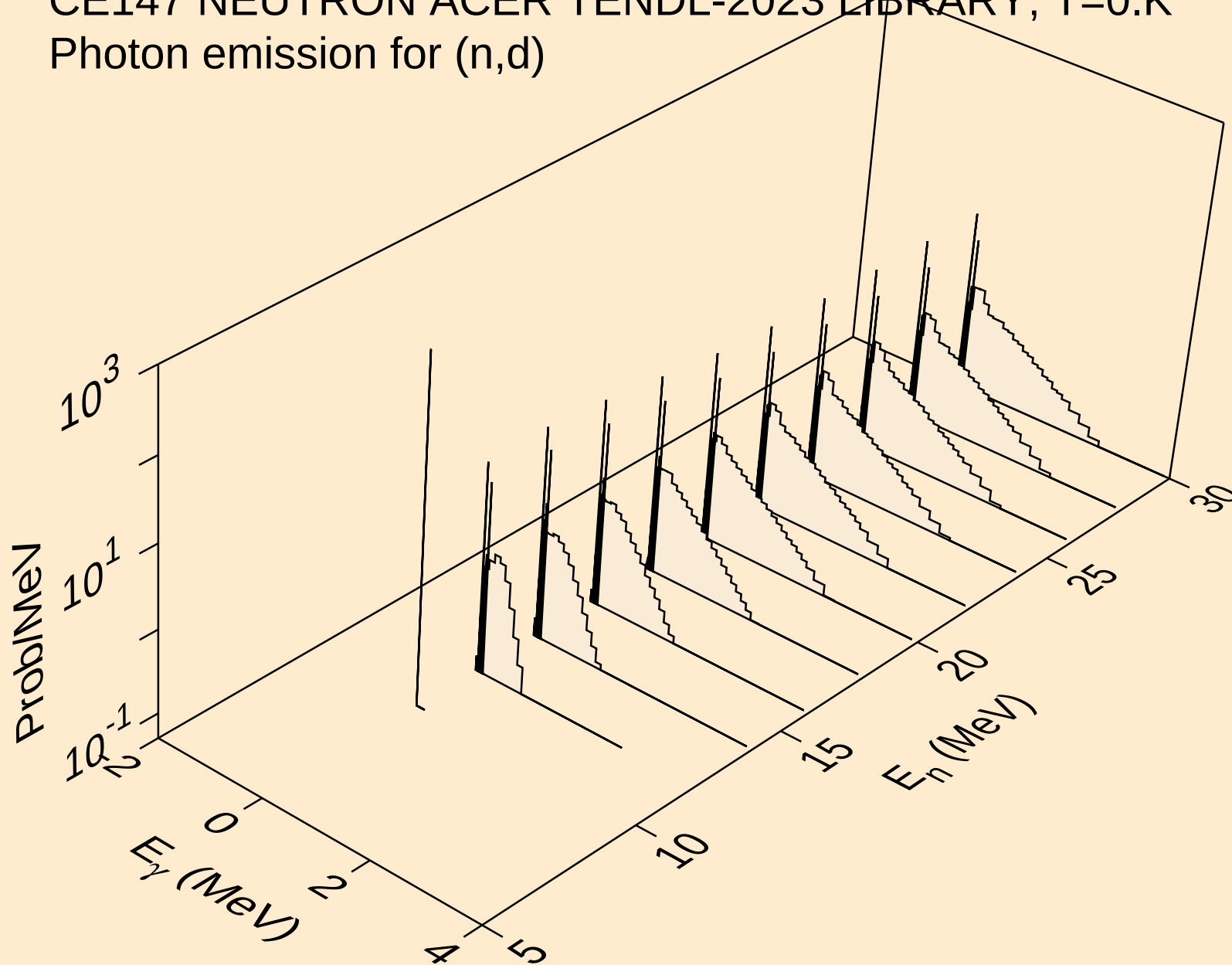
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



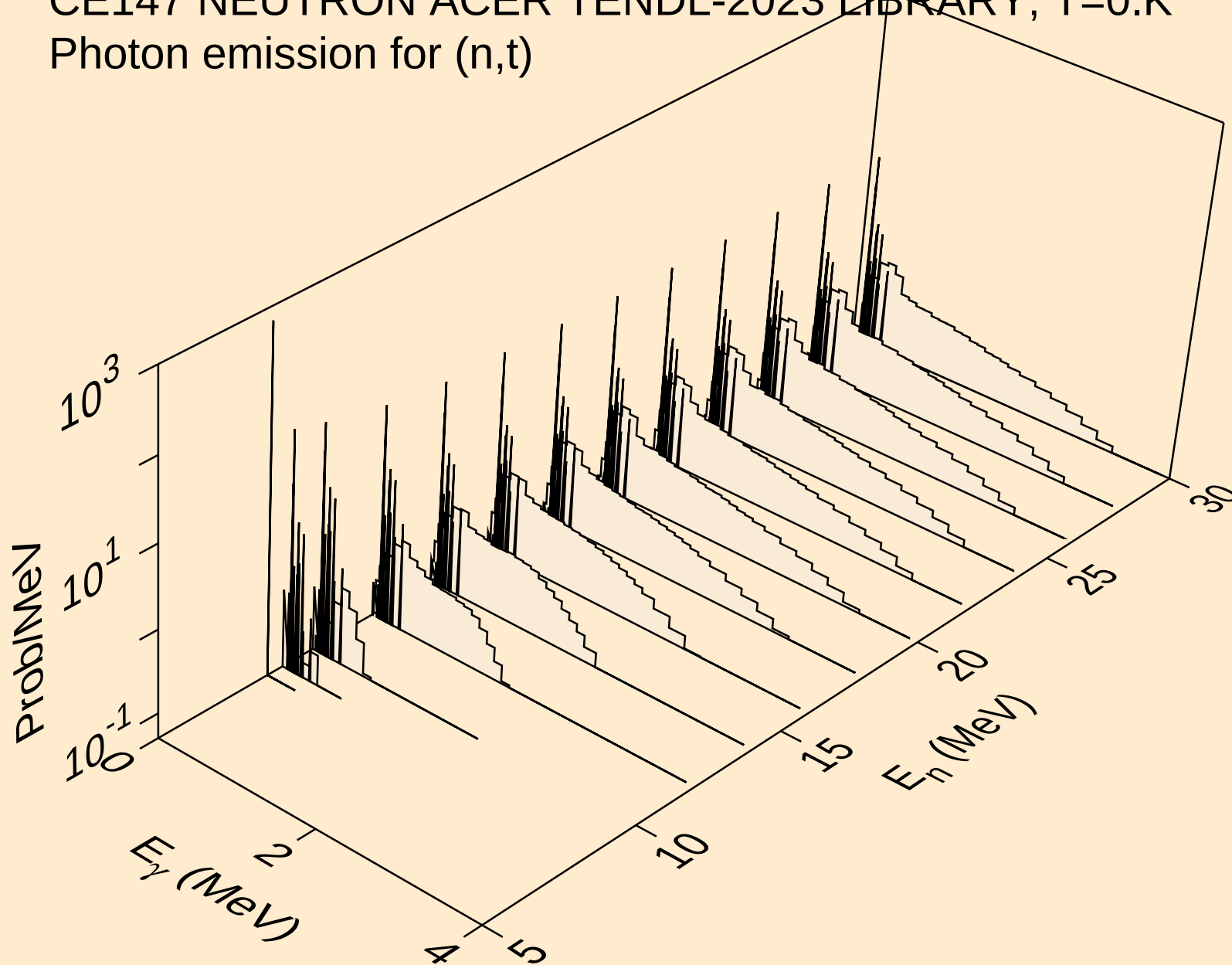
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



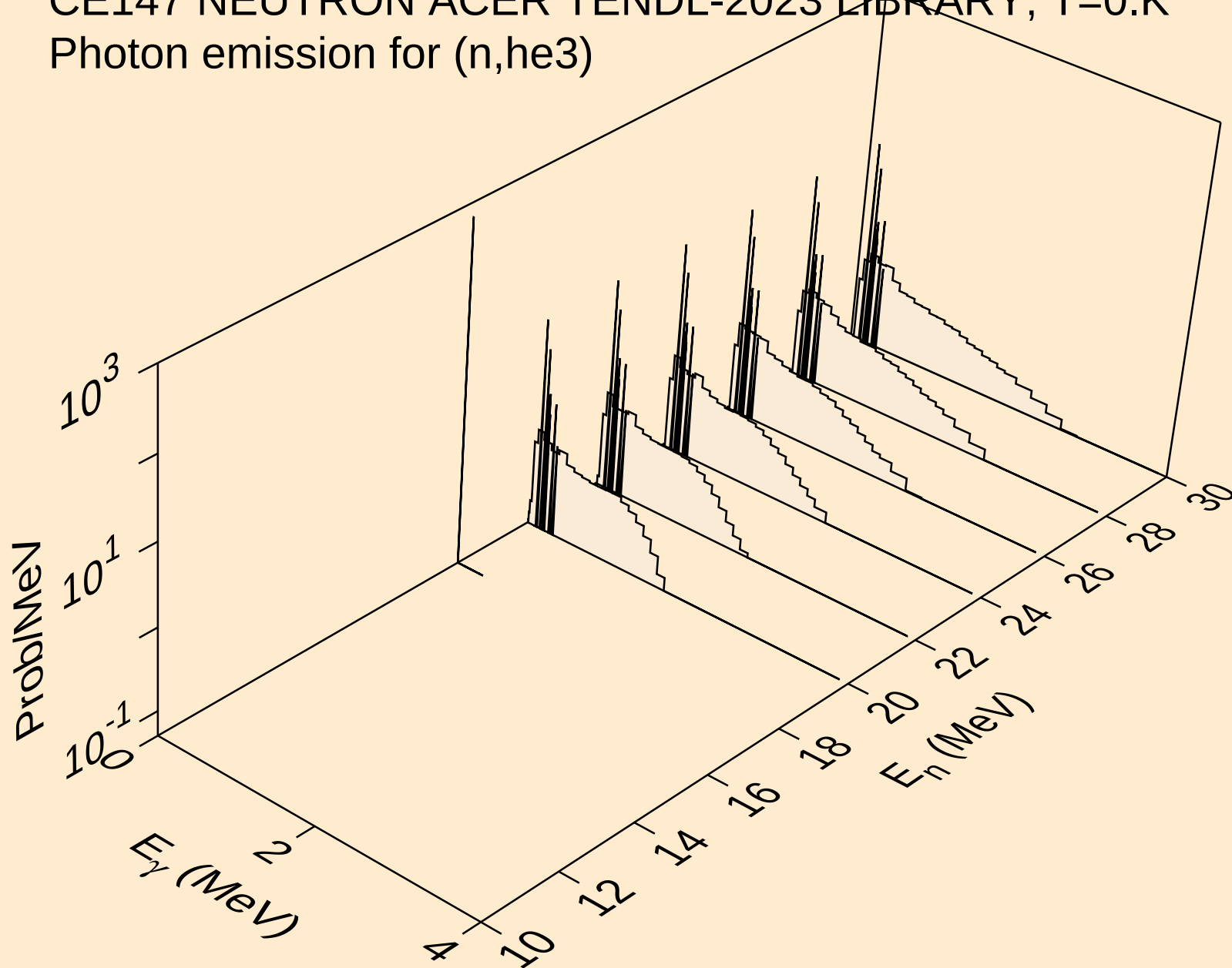
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



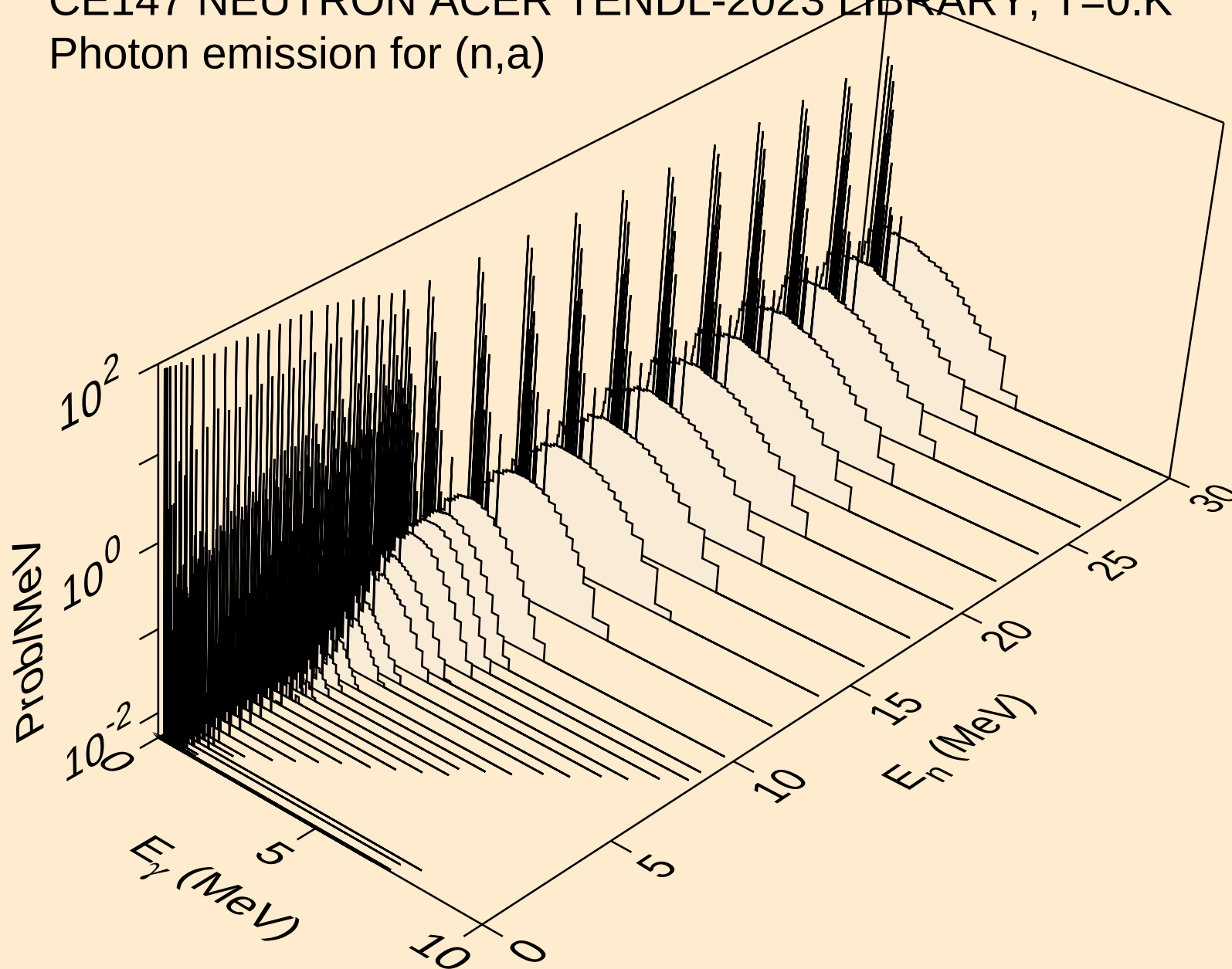
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Photon emission for (n,t)



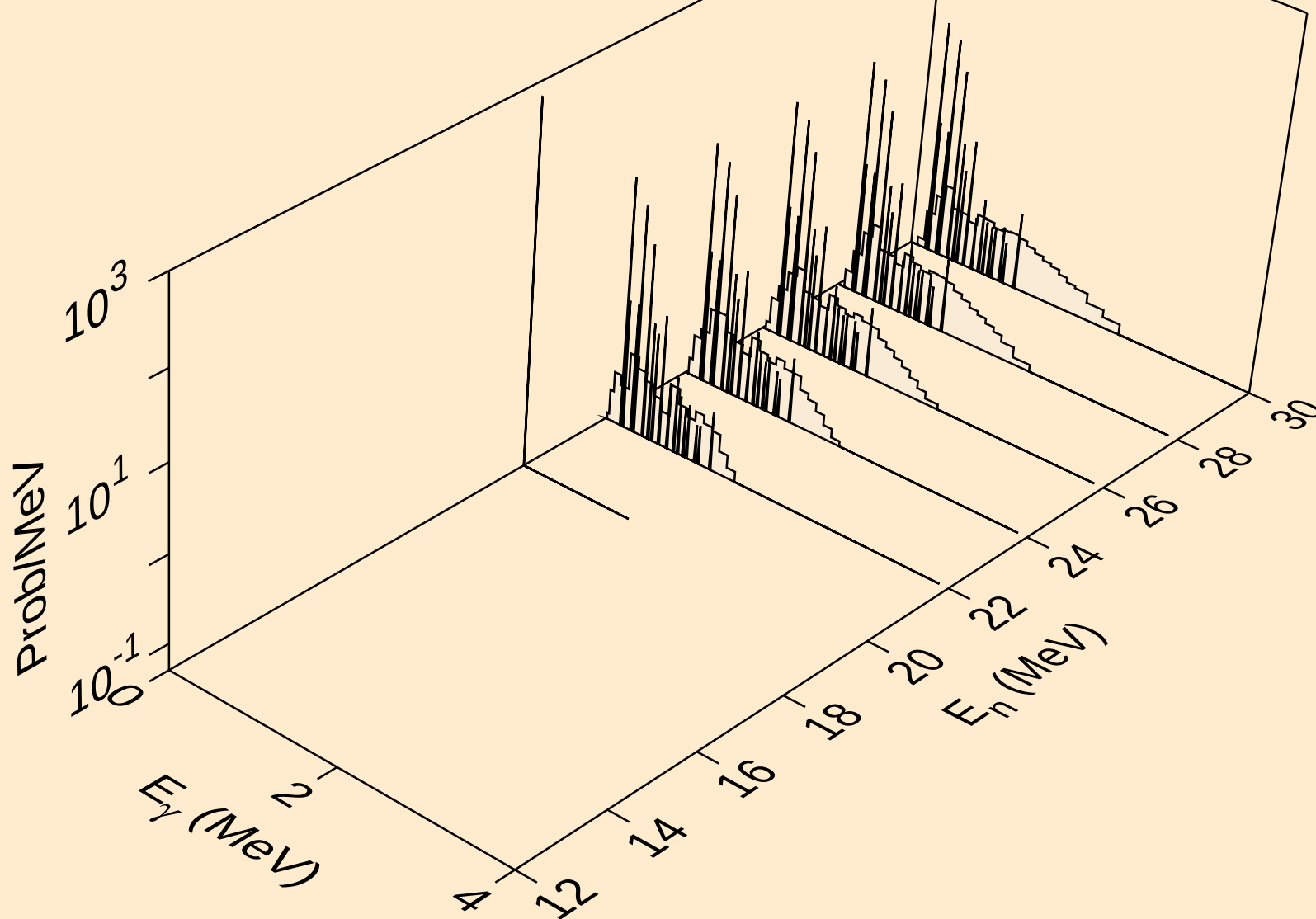
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



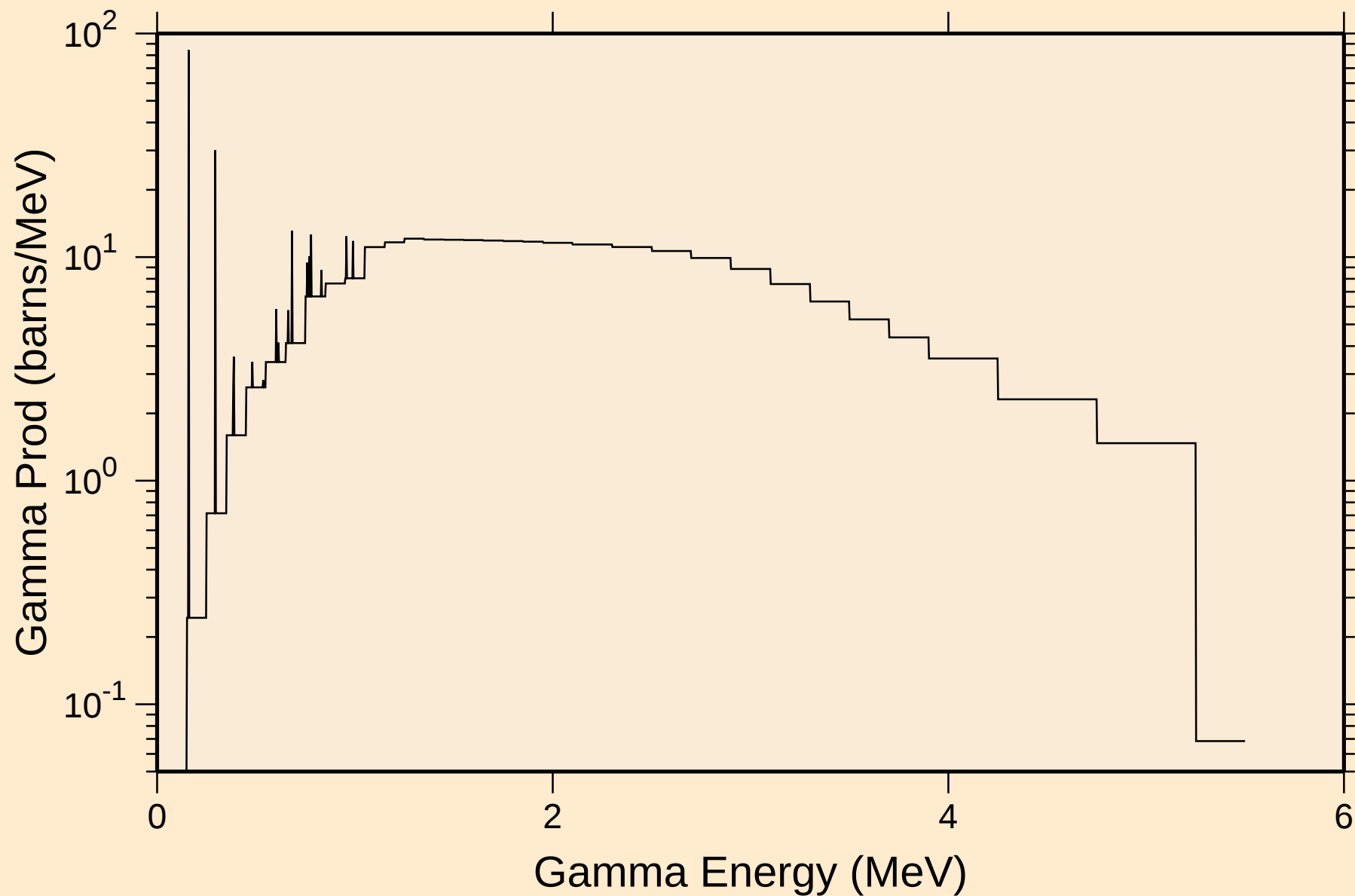
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



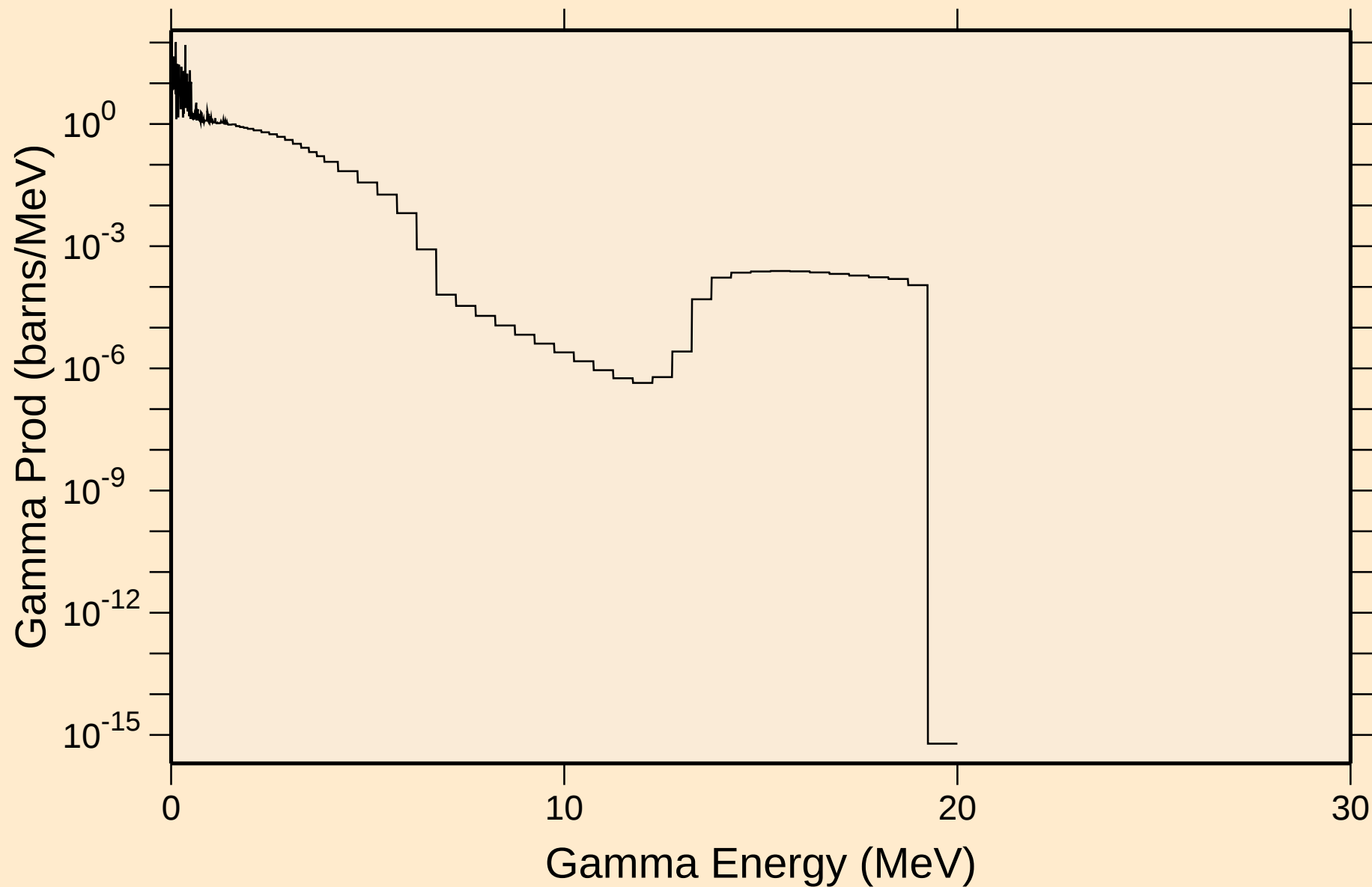
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

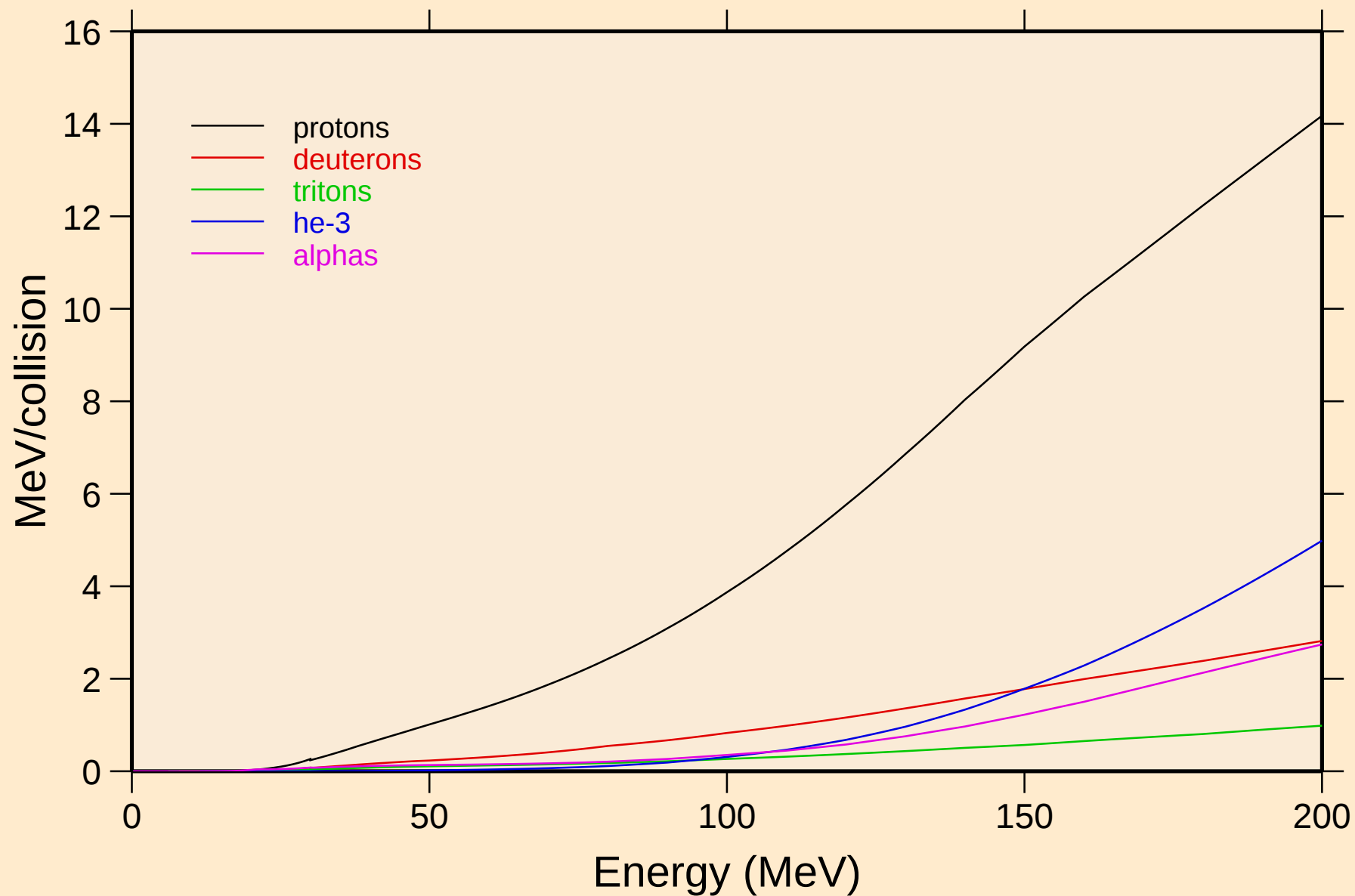


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



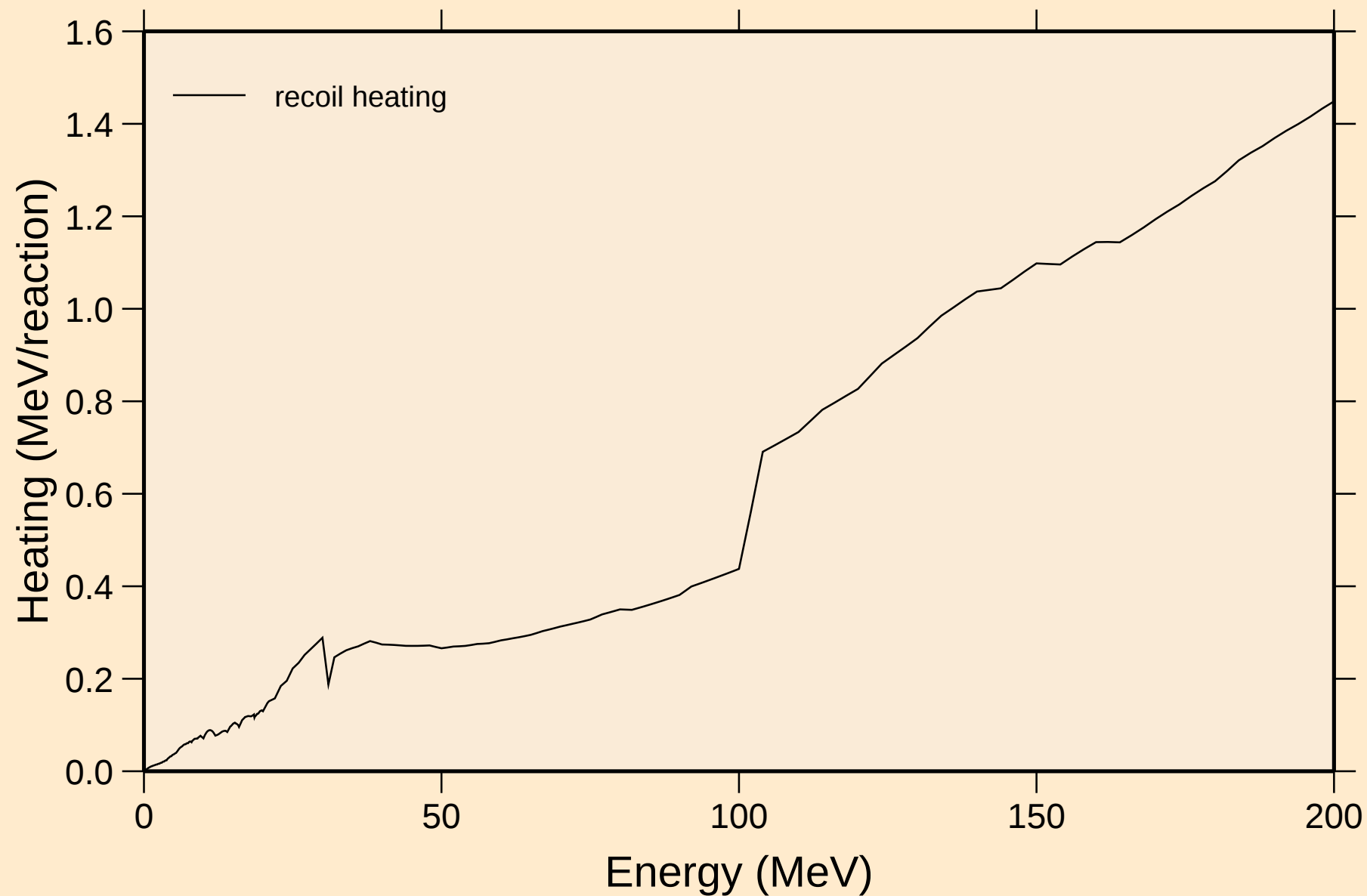
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

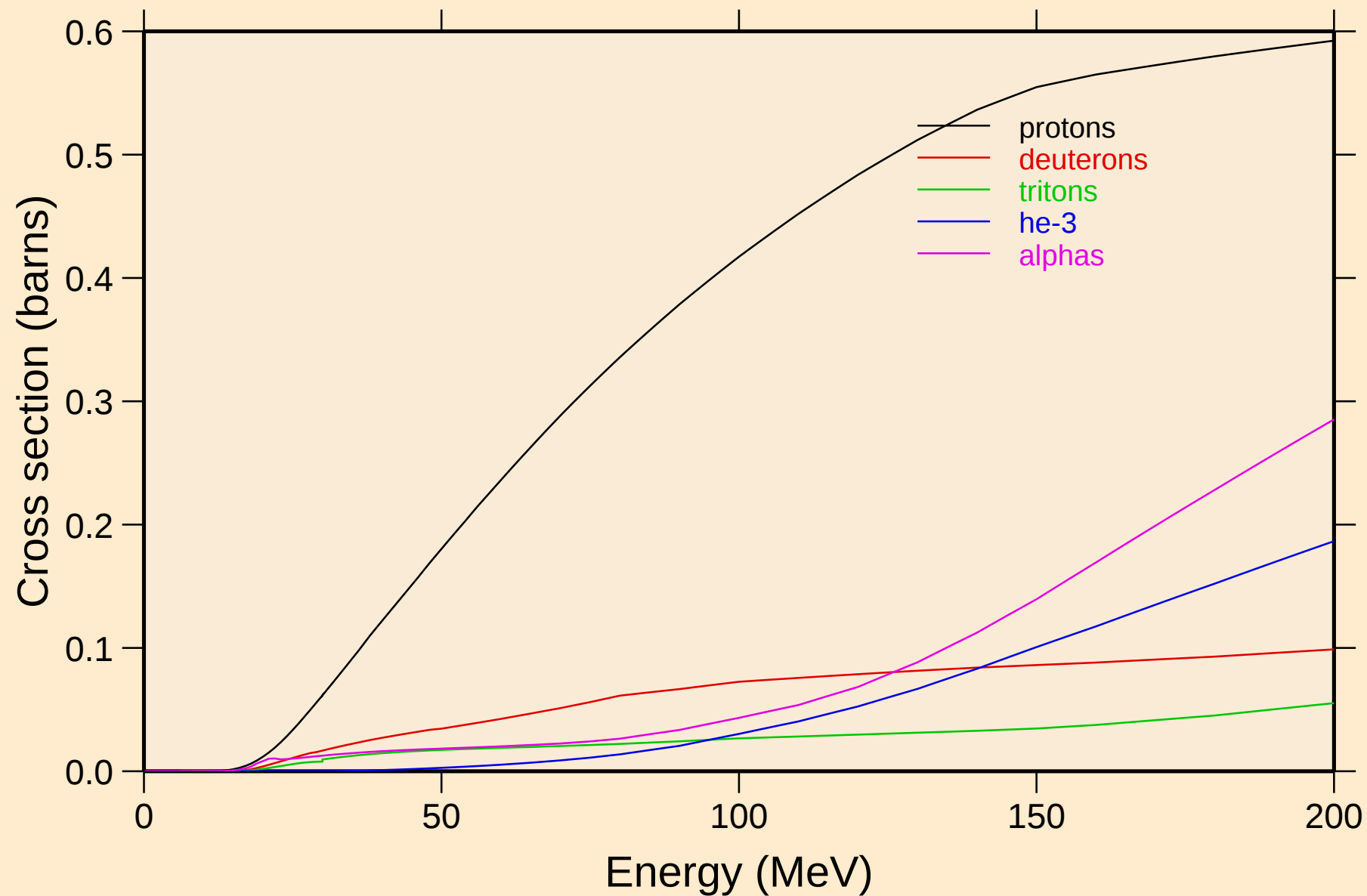


CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

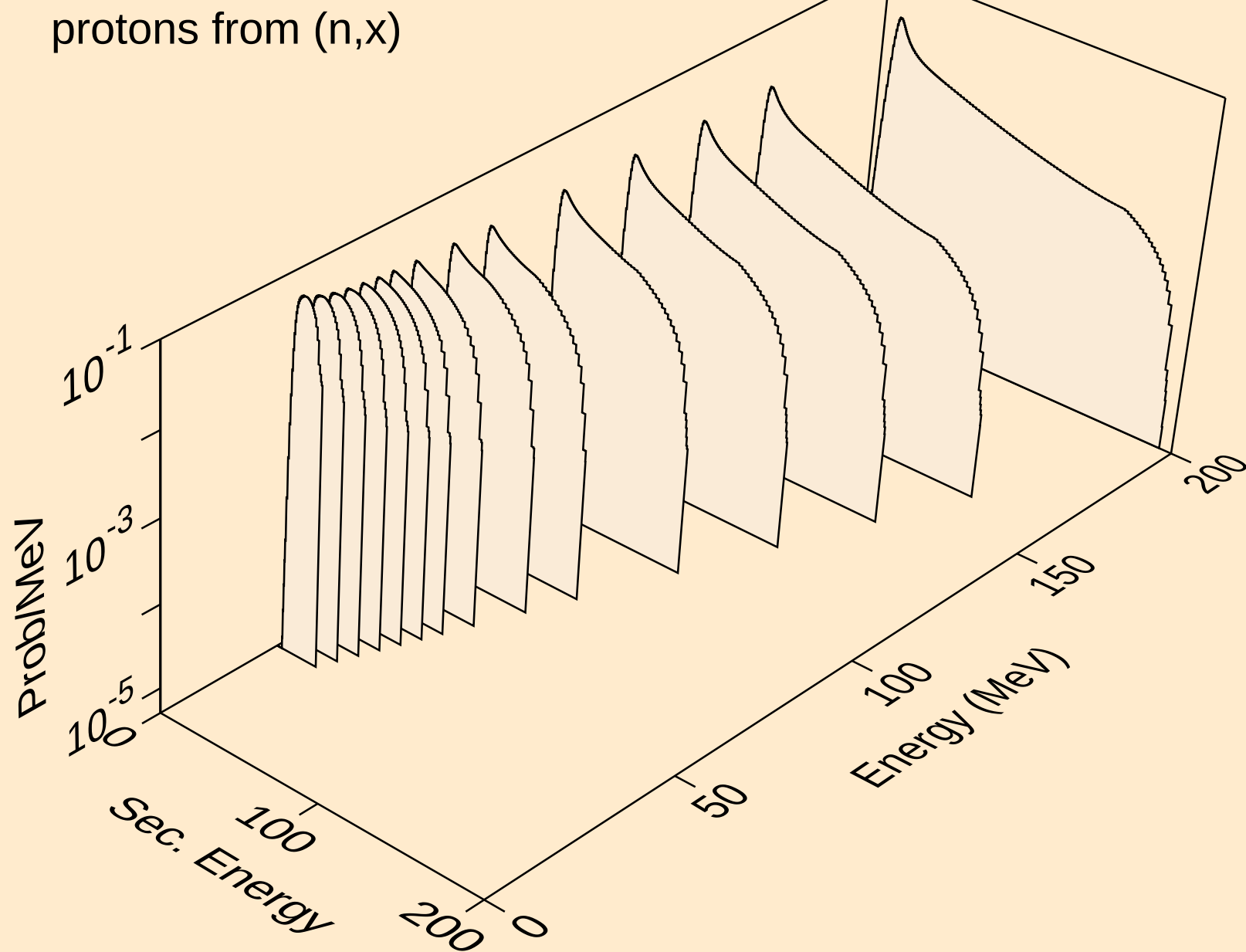
Recoil Heating



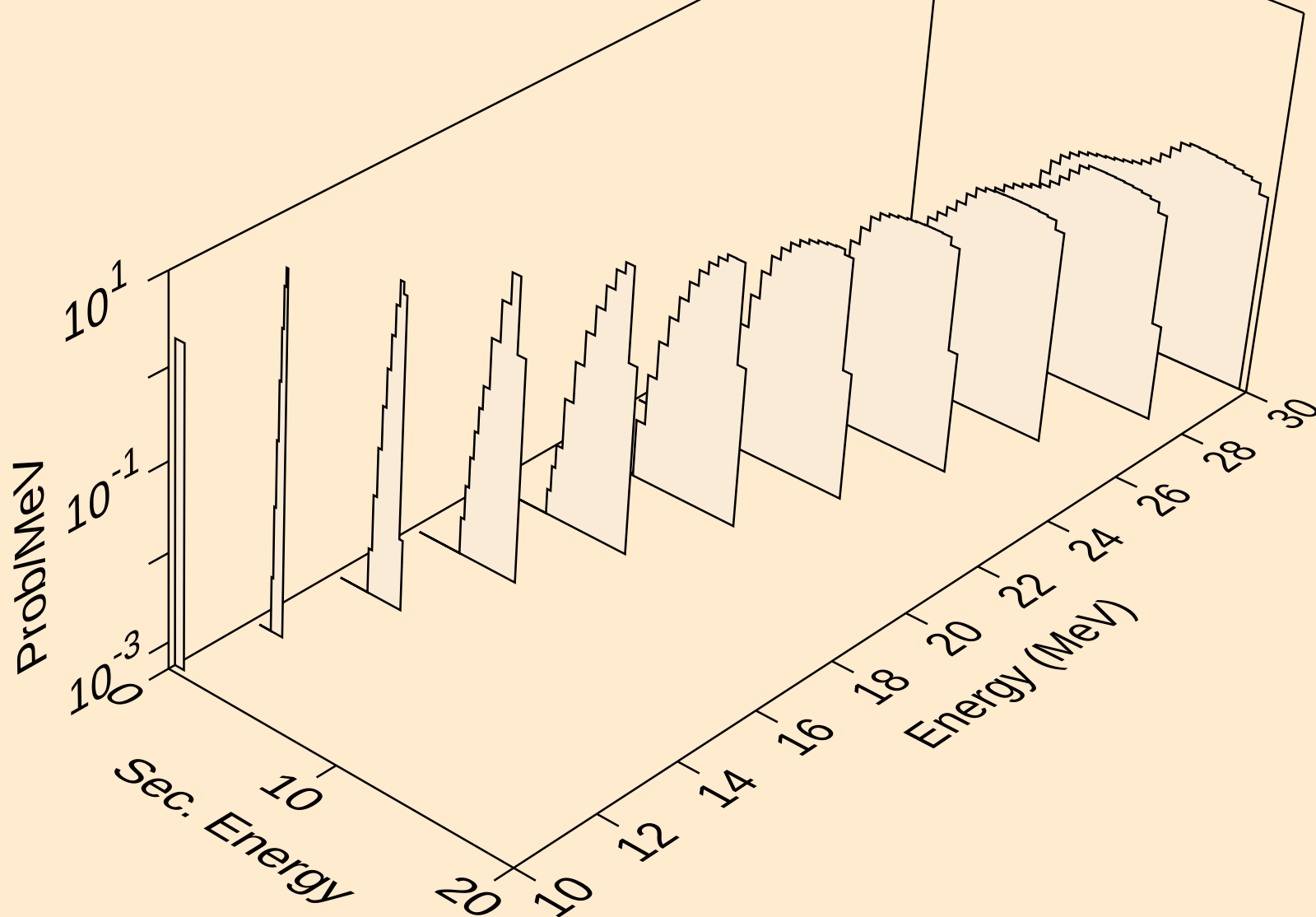
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



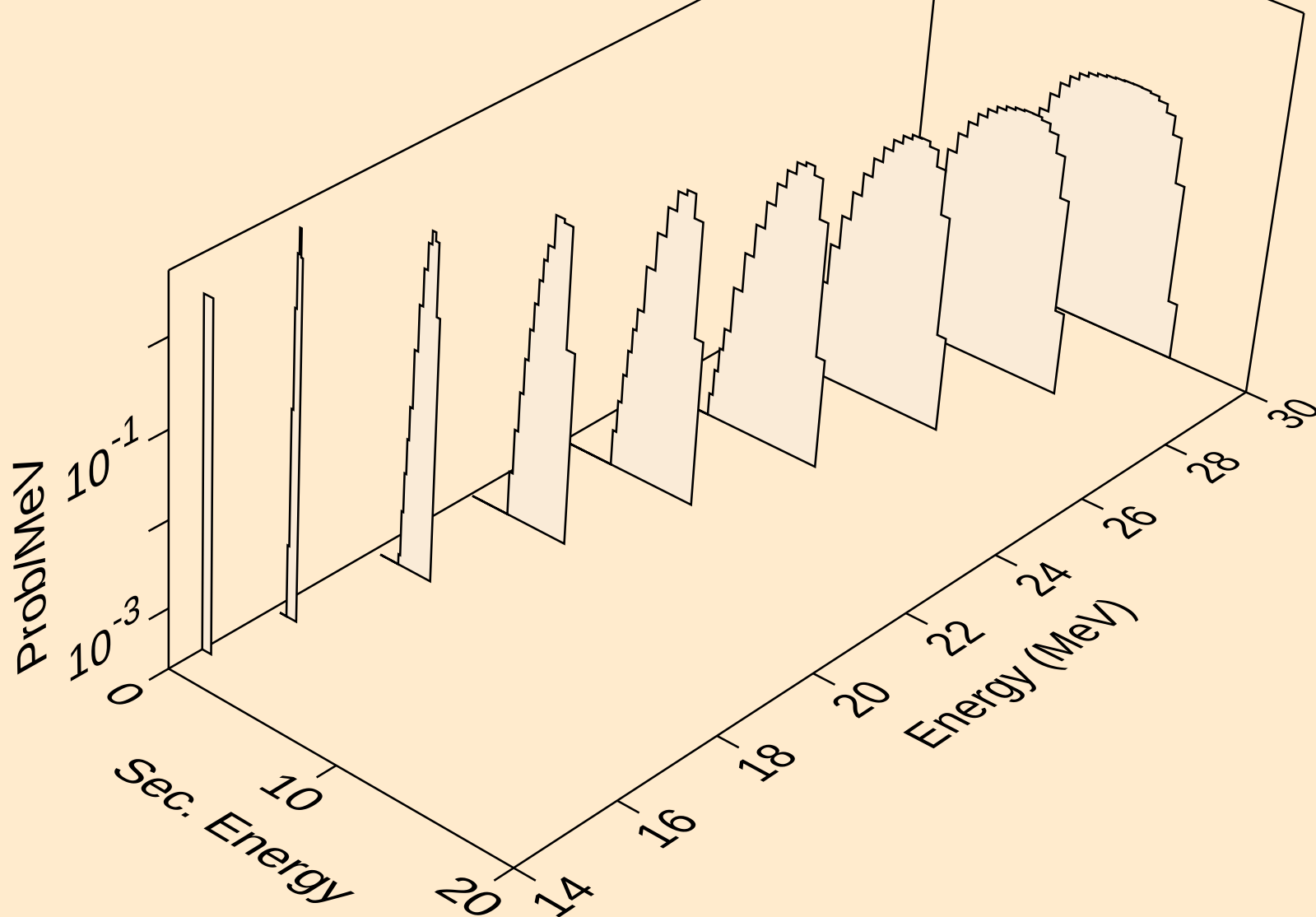
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



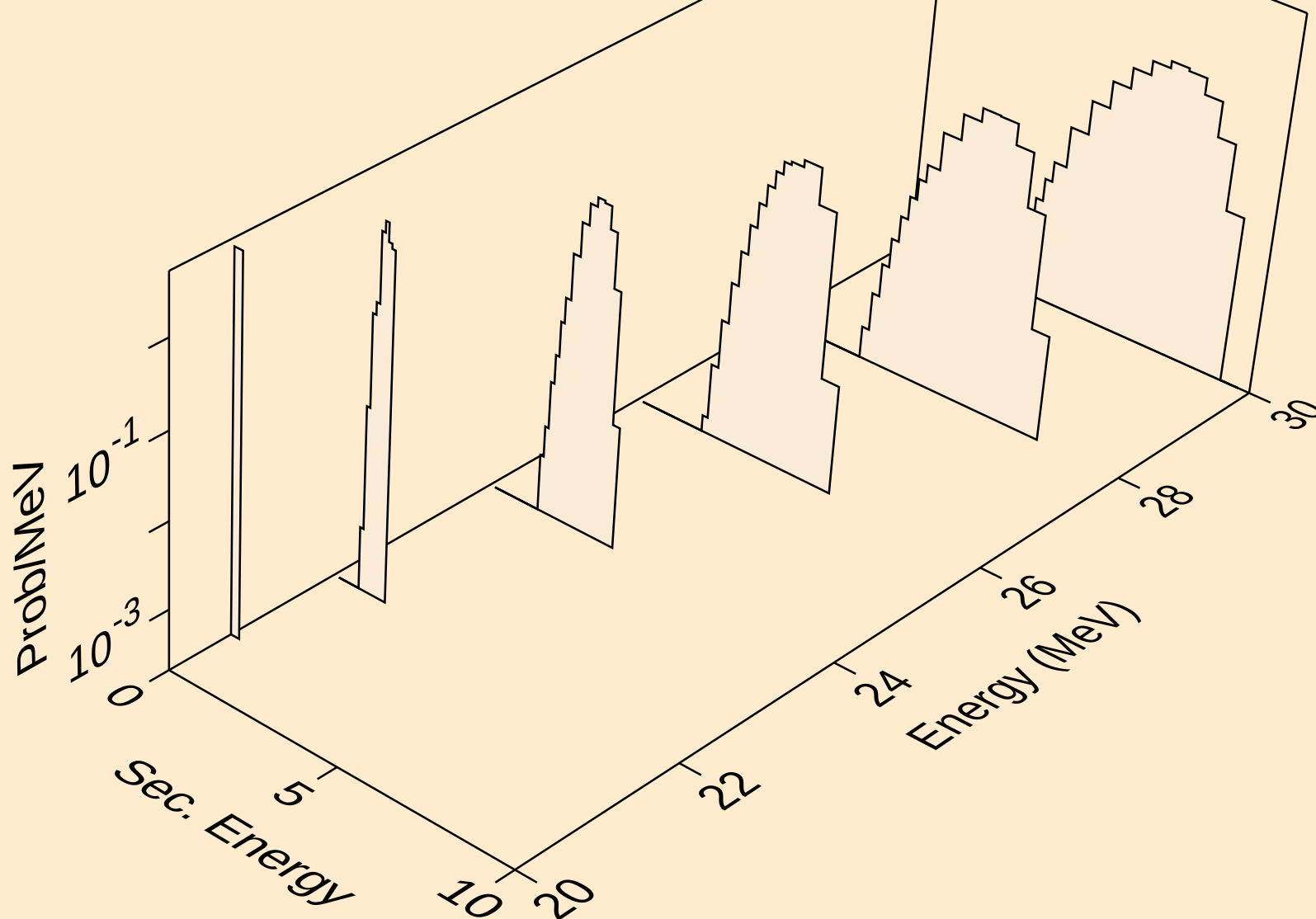
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



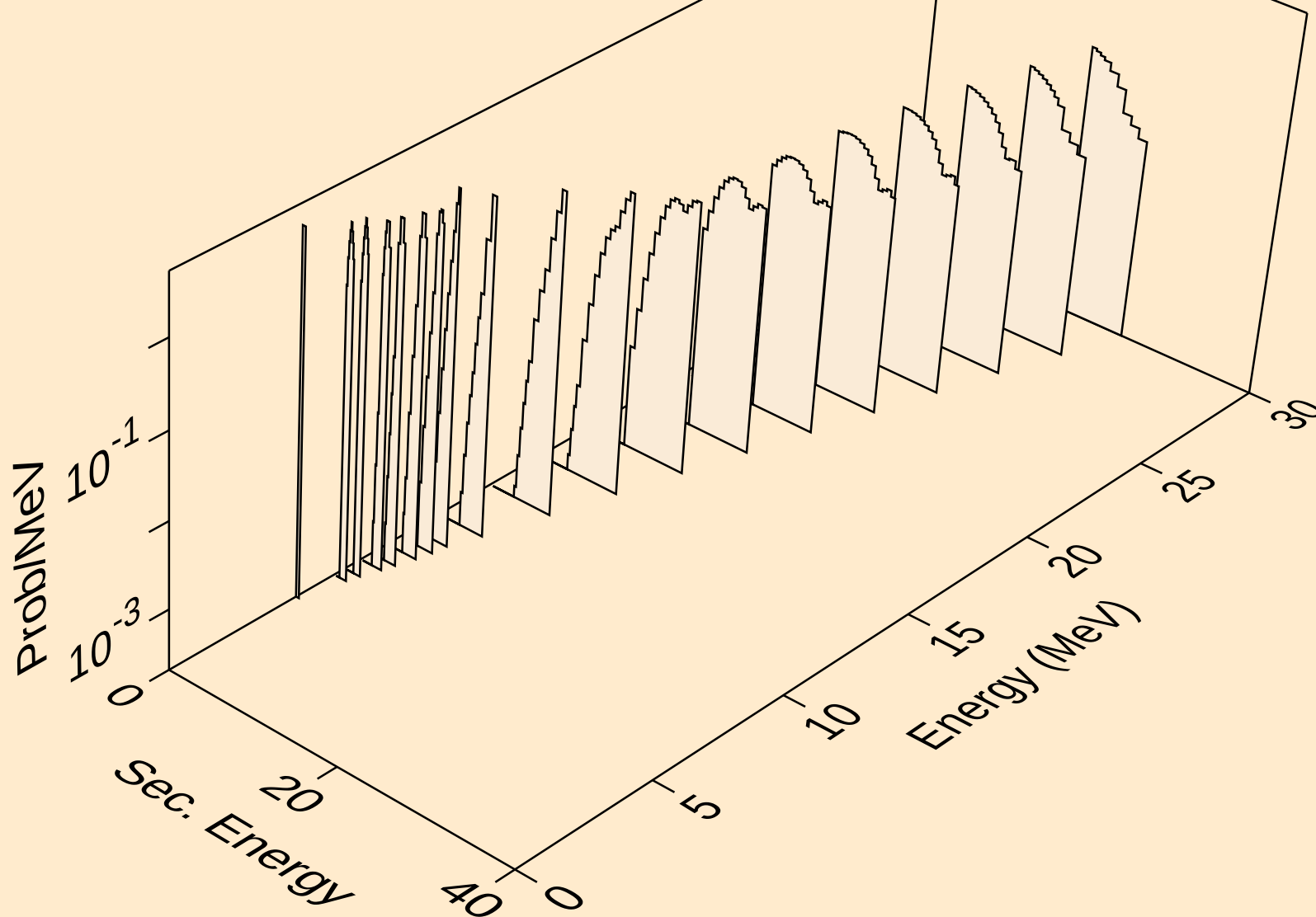
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protons from (n,2np)



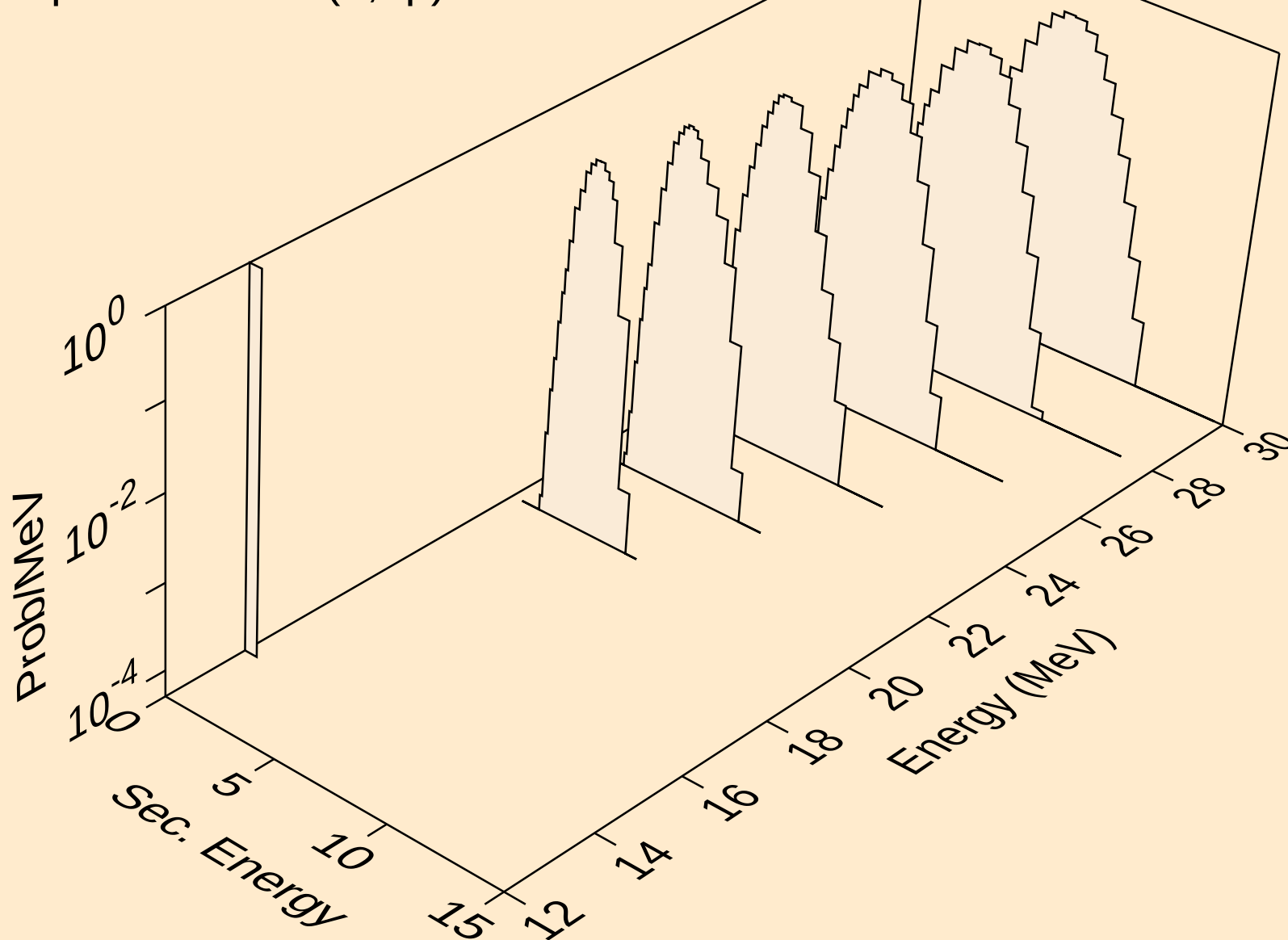
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protons from (n,3np)



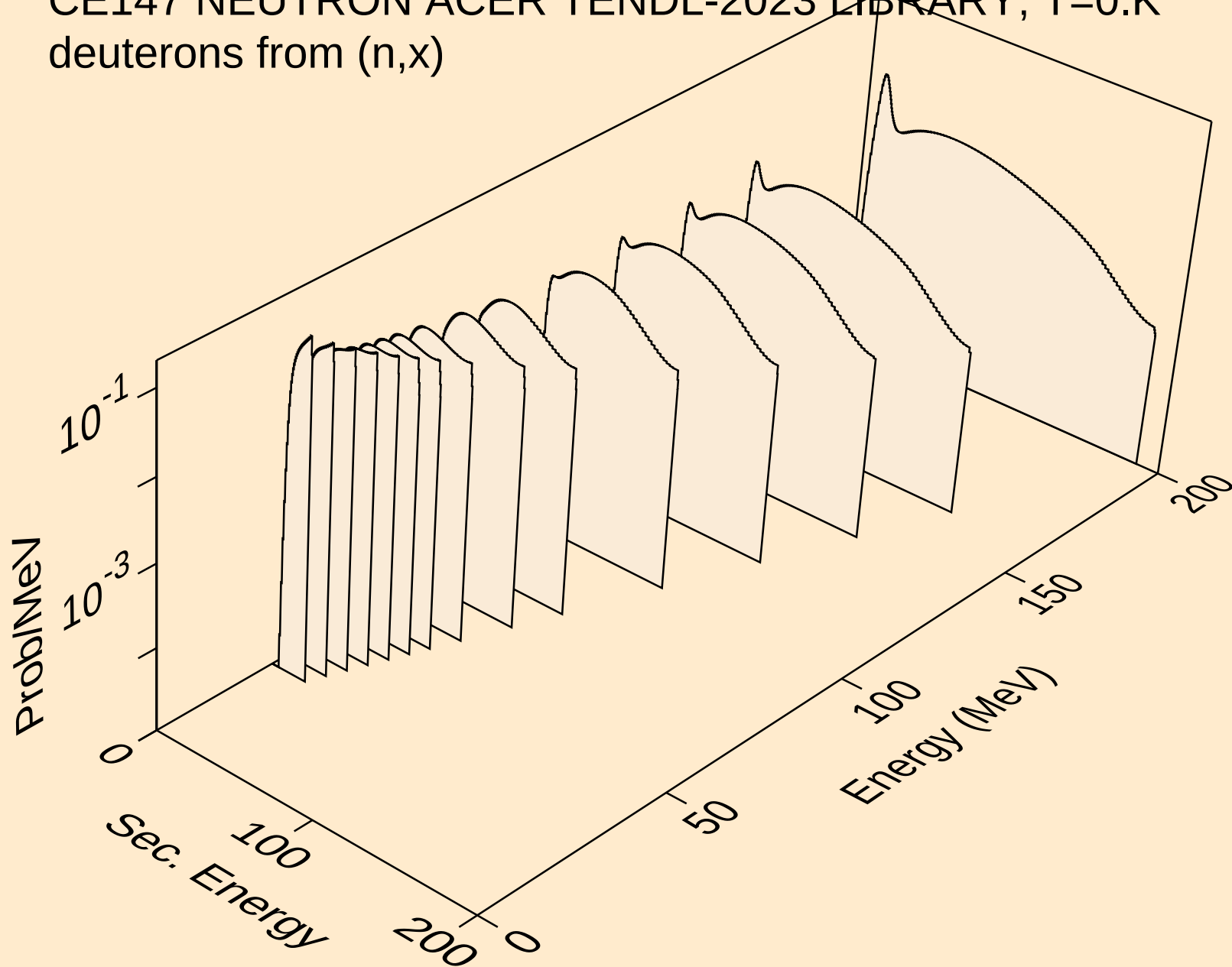
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protons from (n,p)



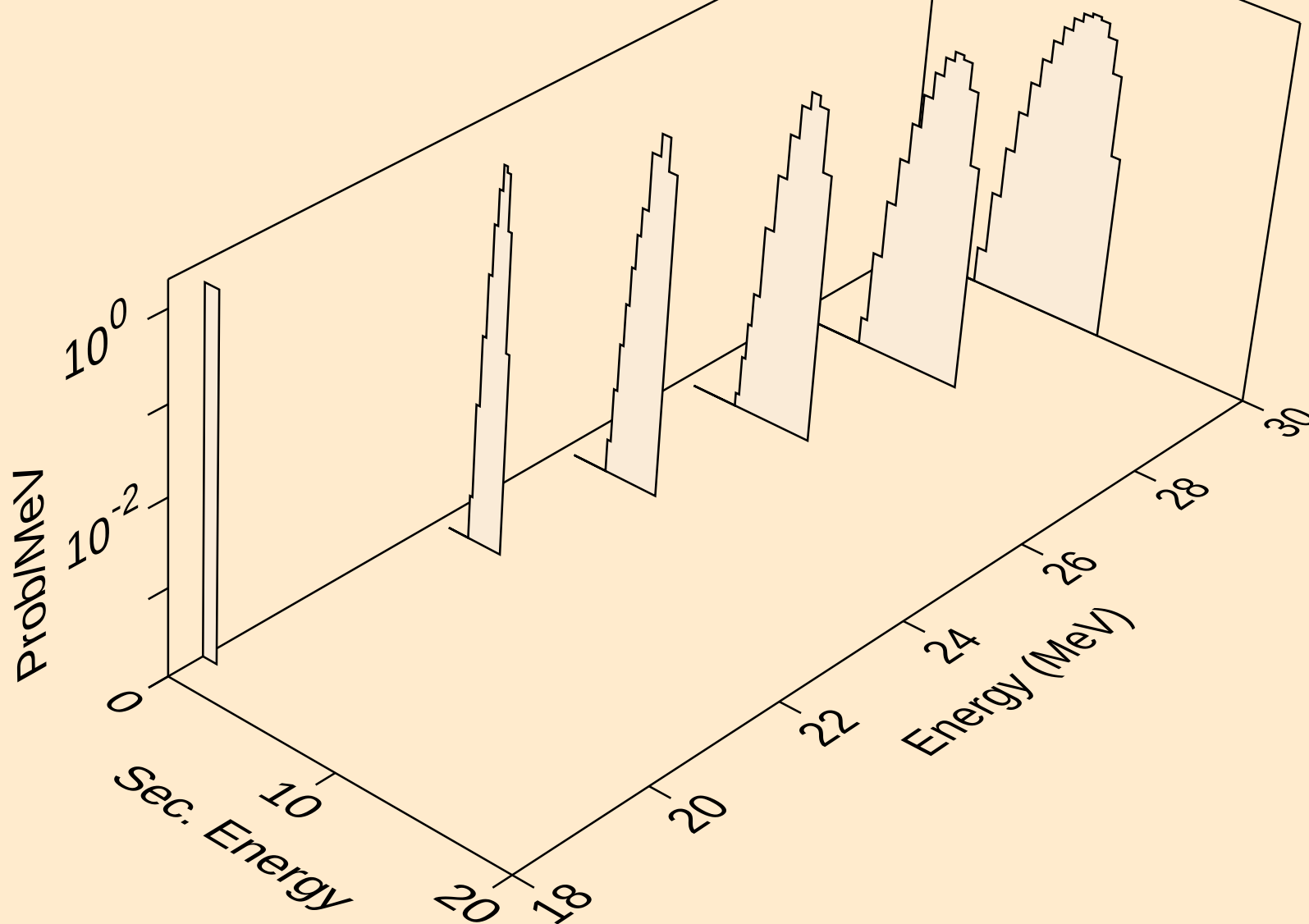
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protons from (n,2p)



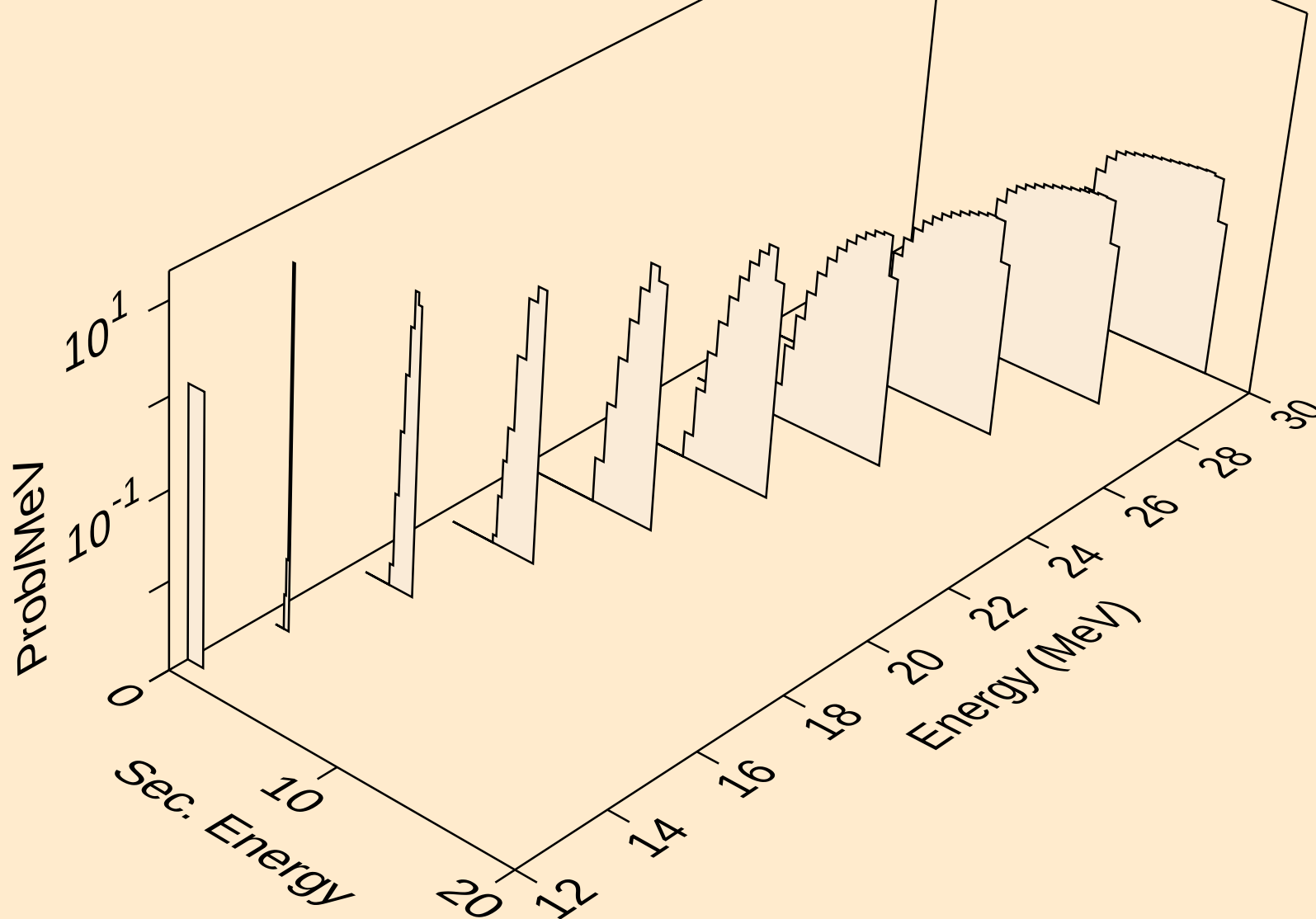
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



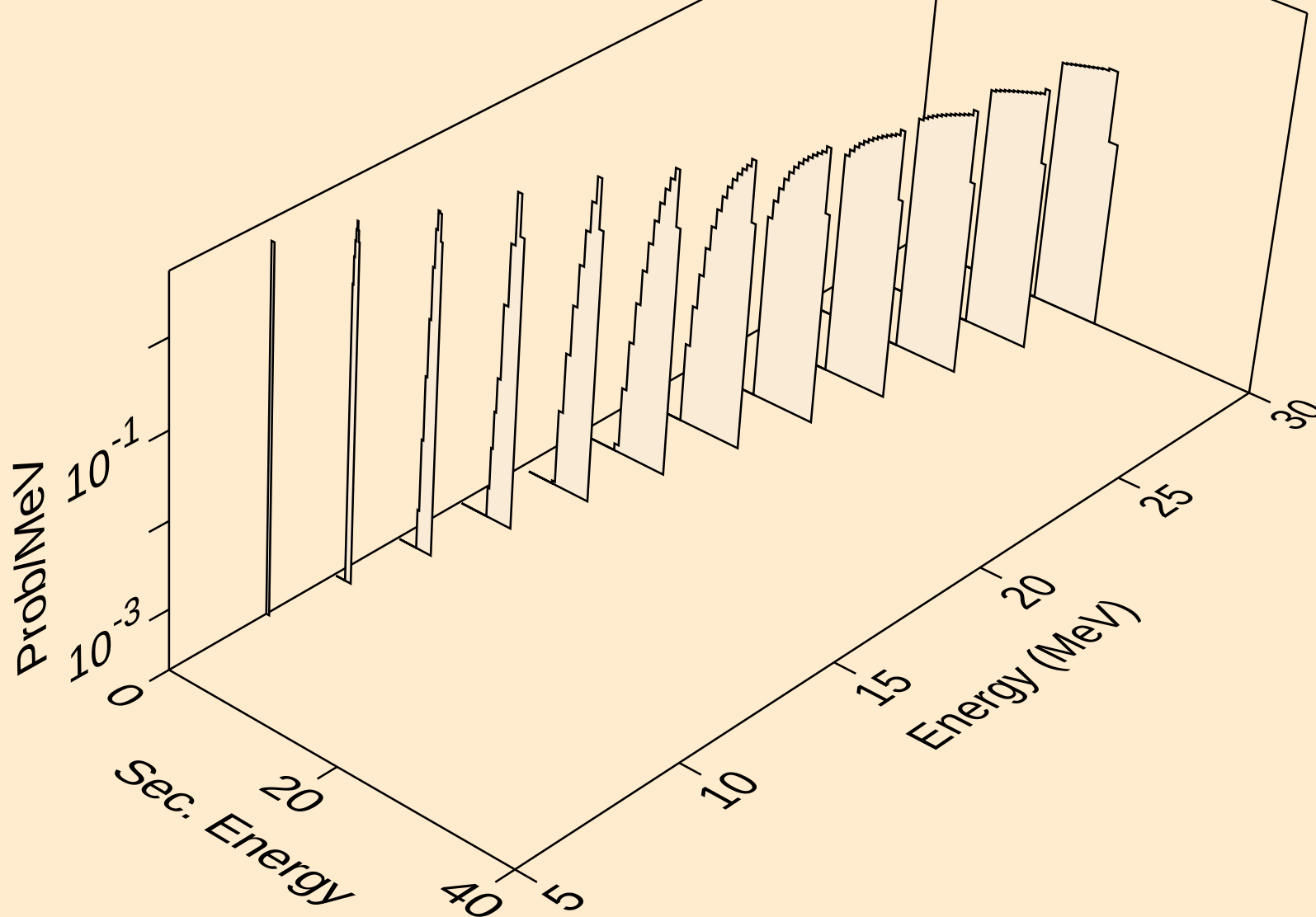
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deuterons from (n,2nd)



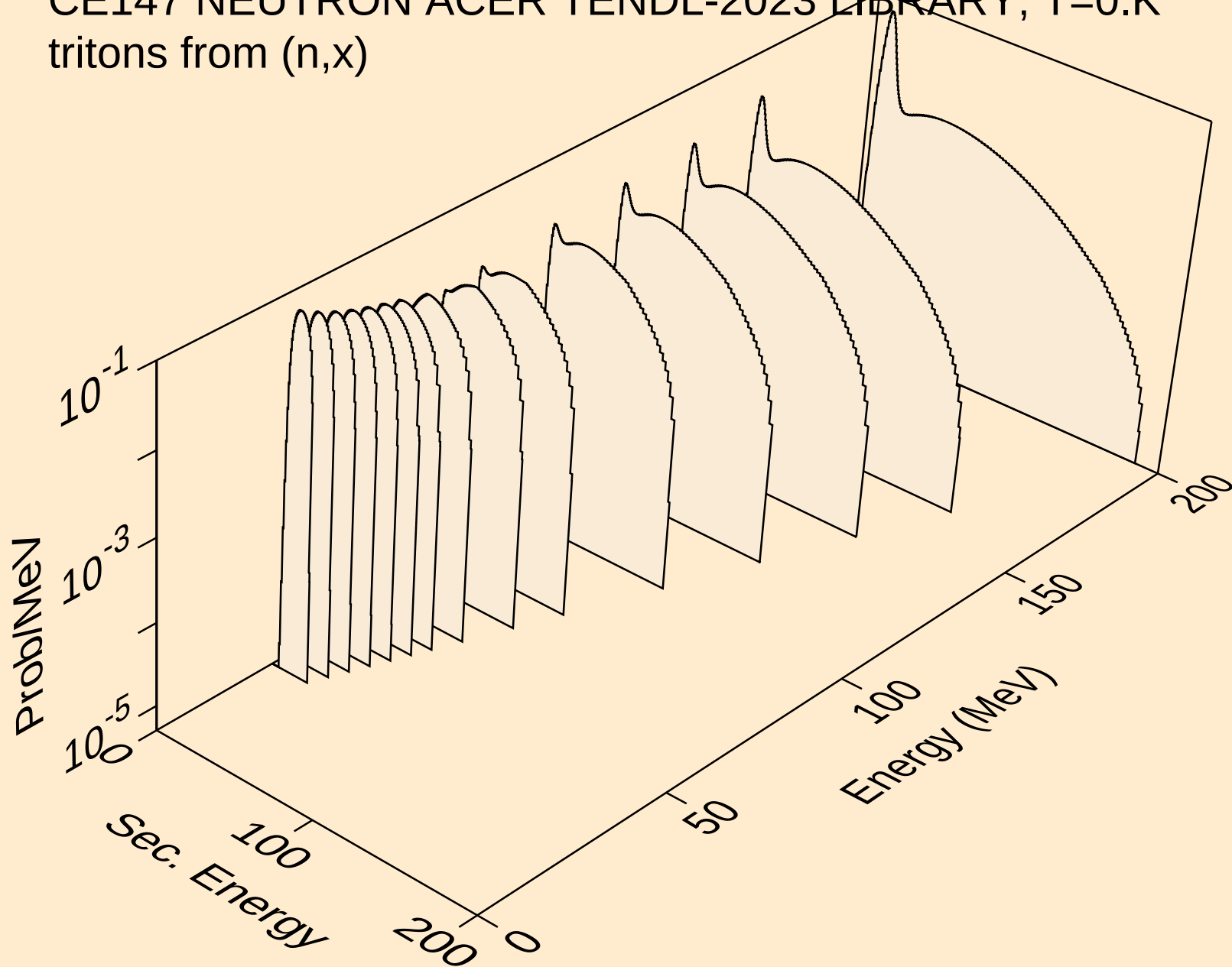
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deuterons from (n,n*)d



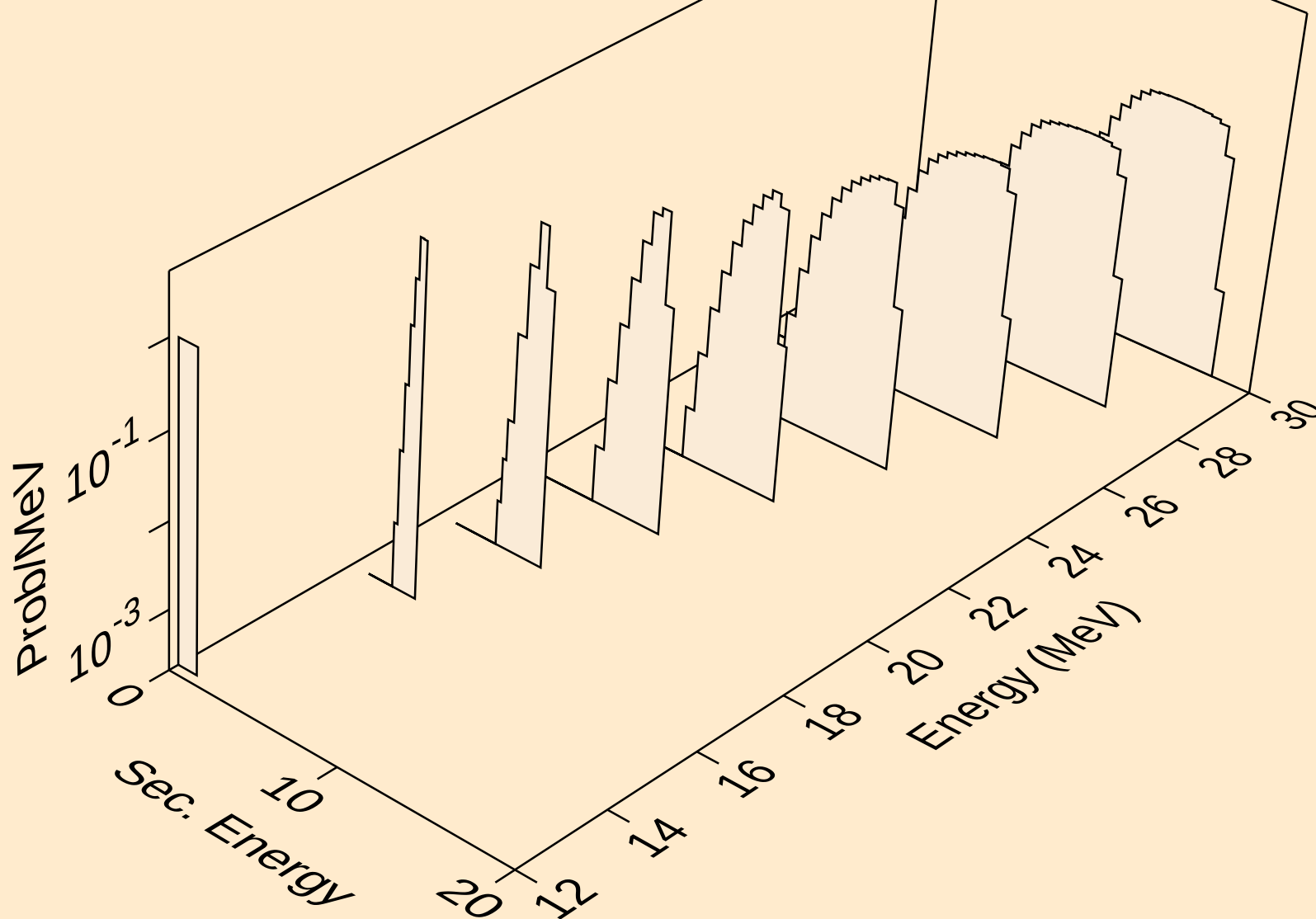
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deuterons from (n,d)



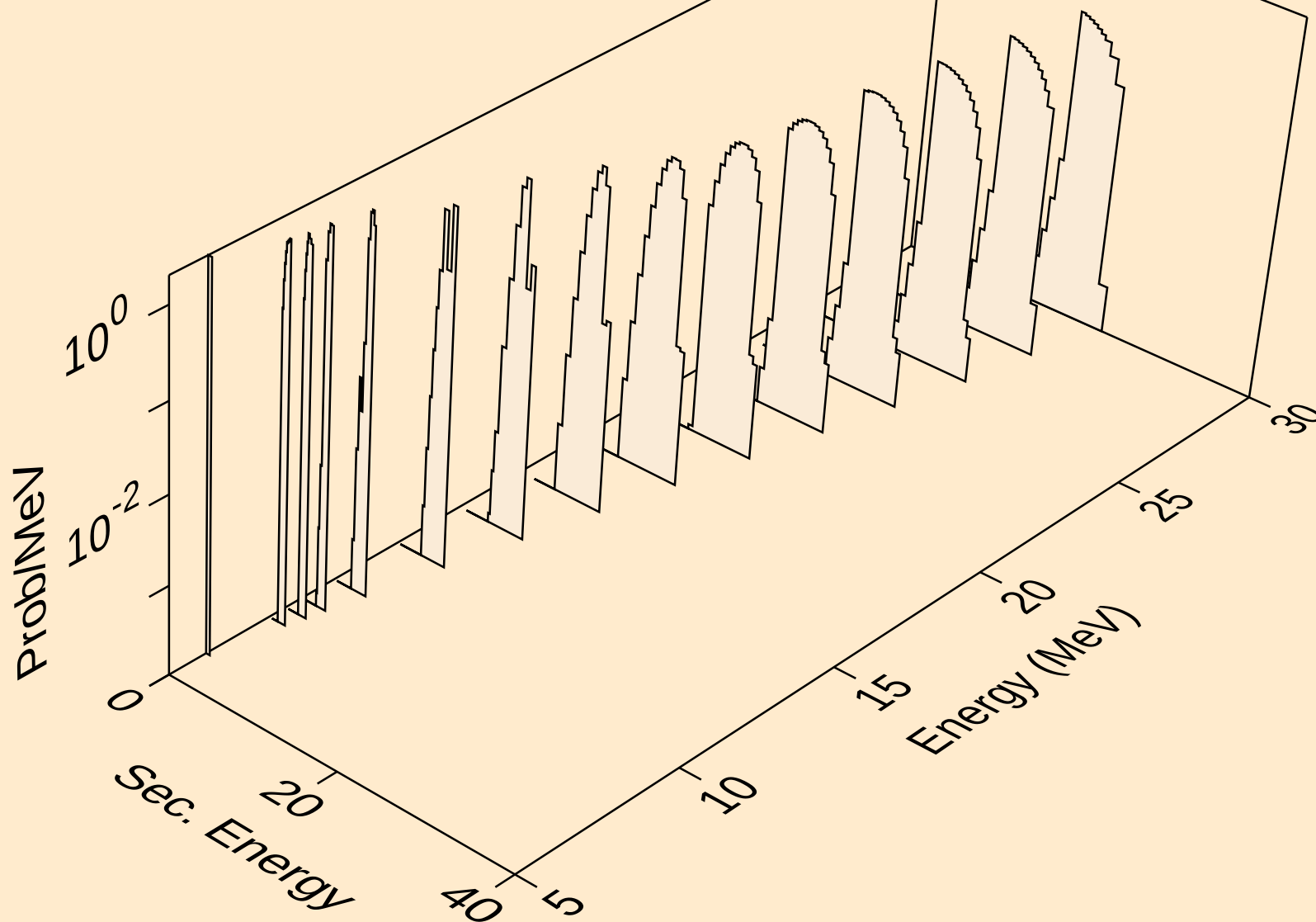
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



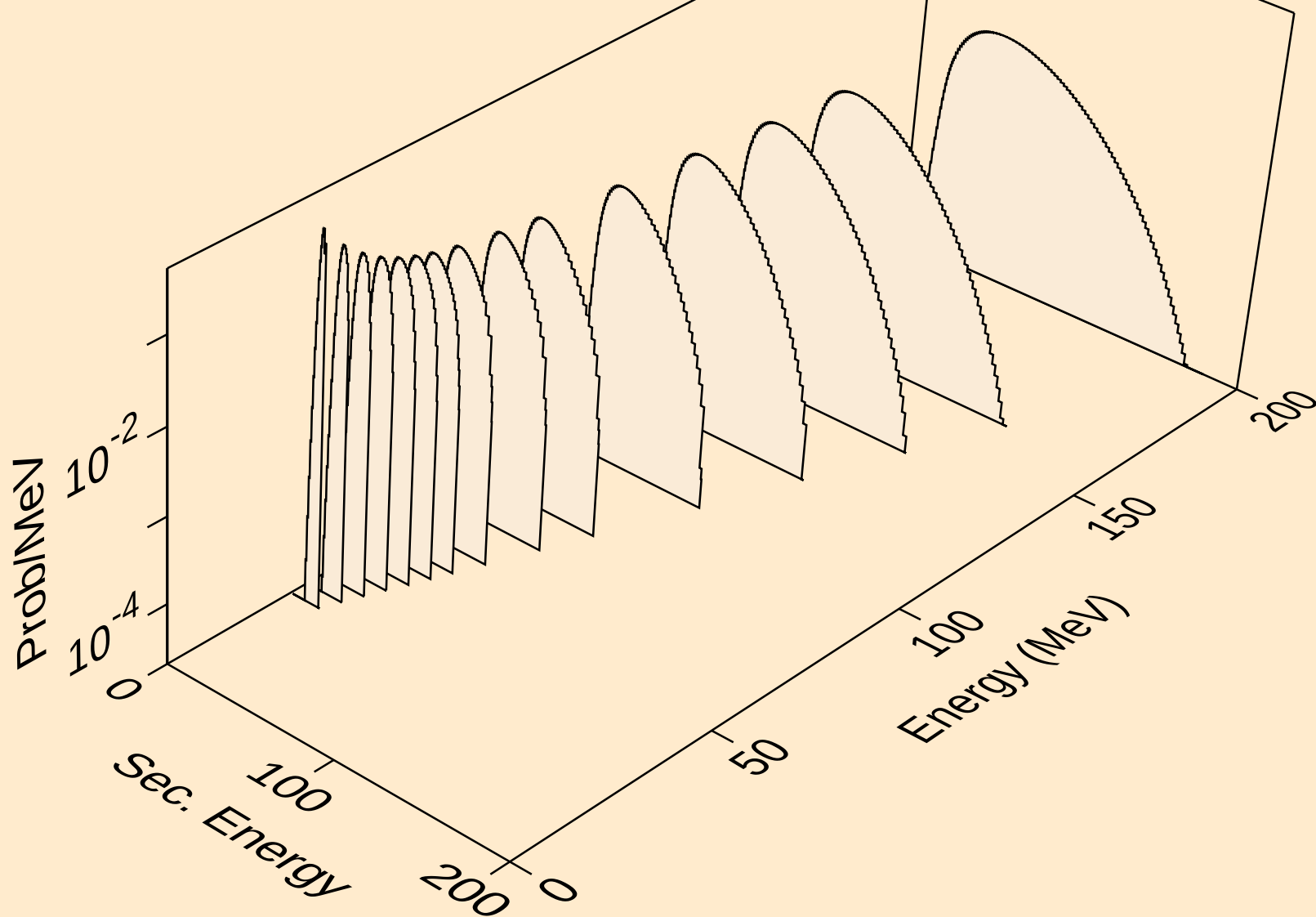
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



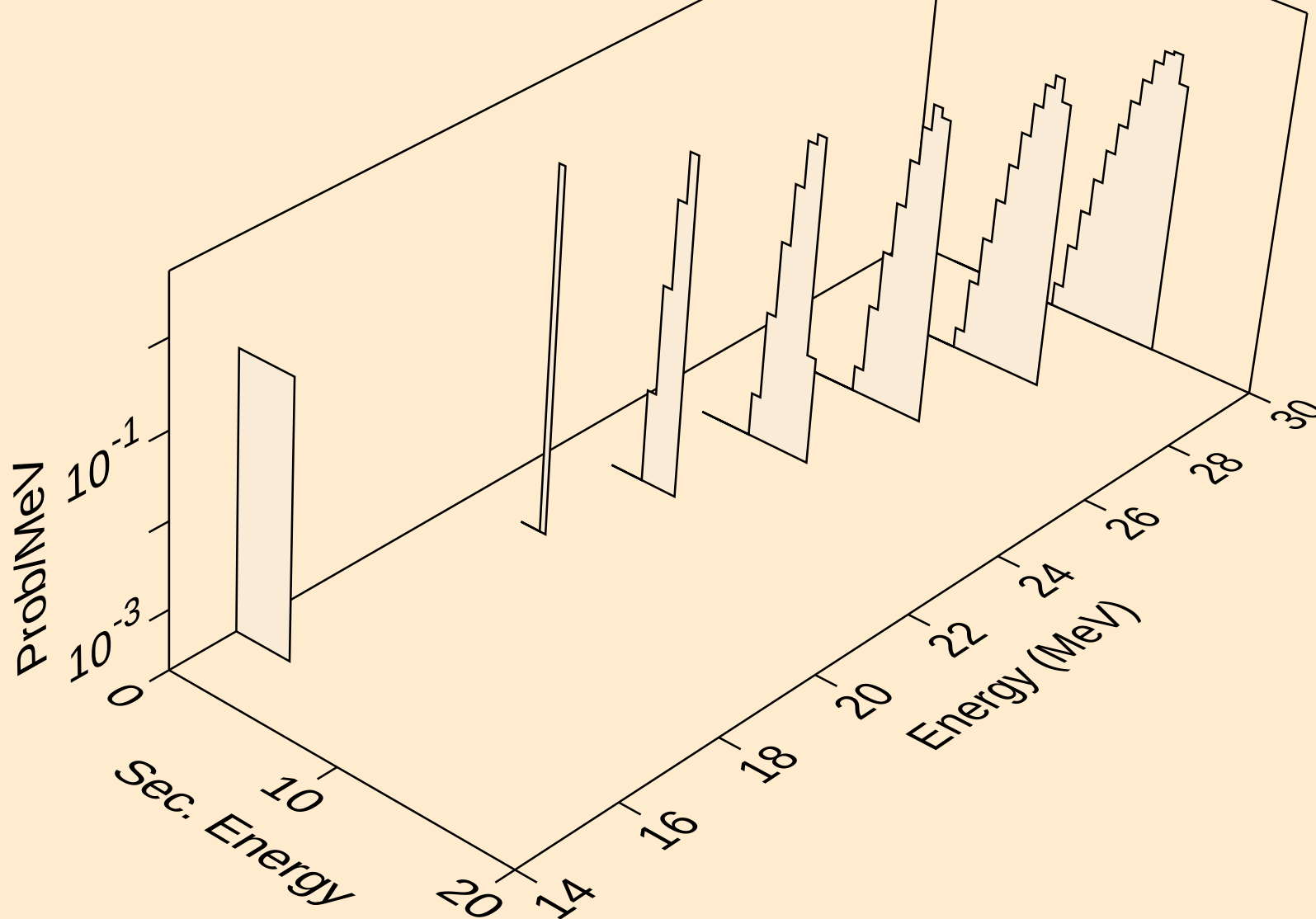
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tritons from (n,t)



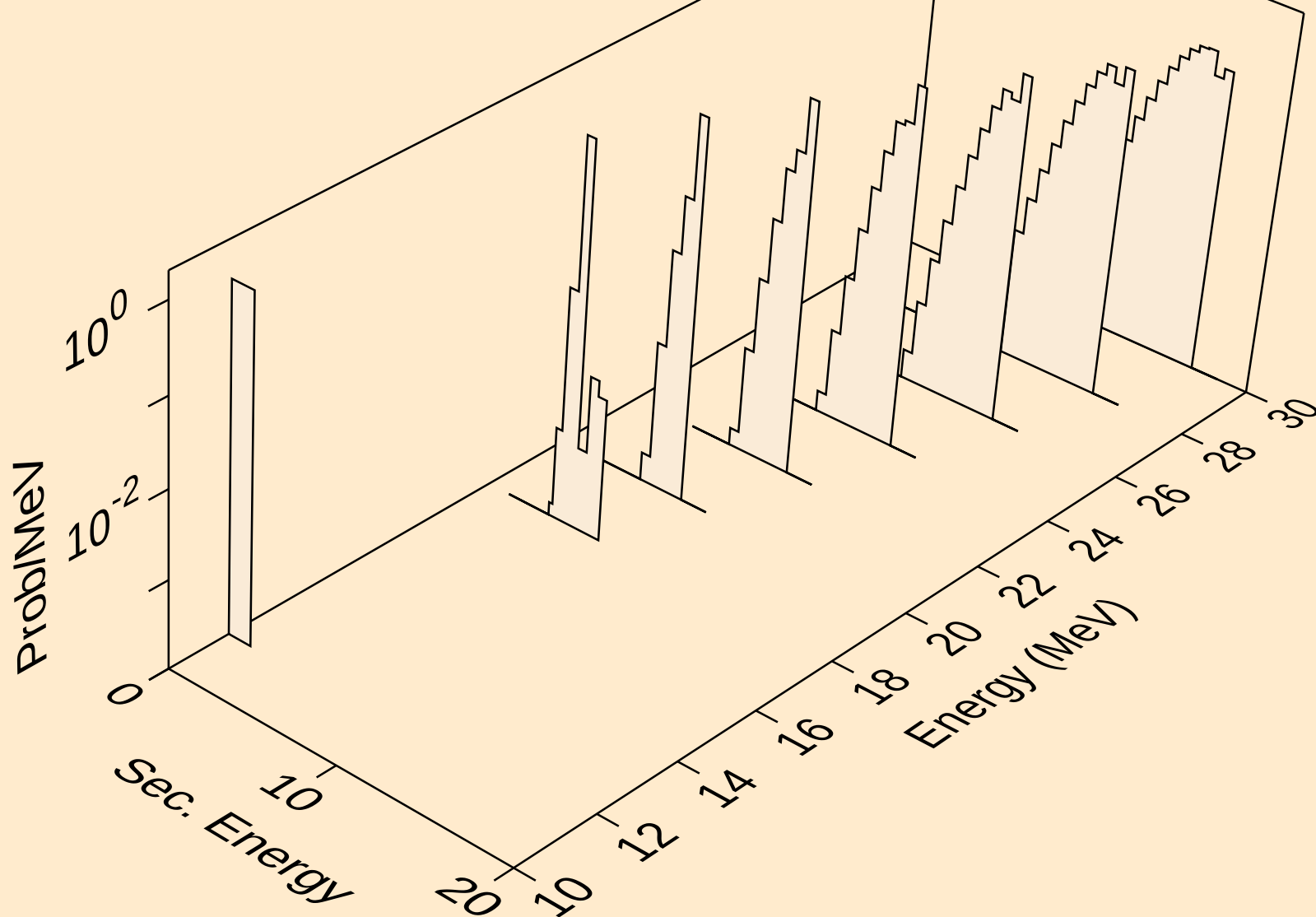
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



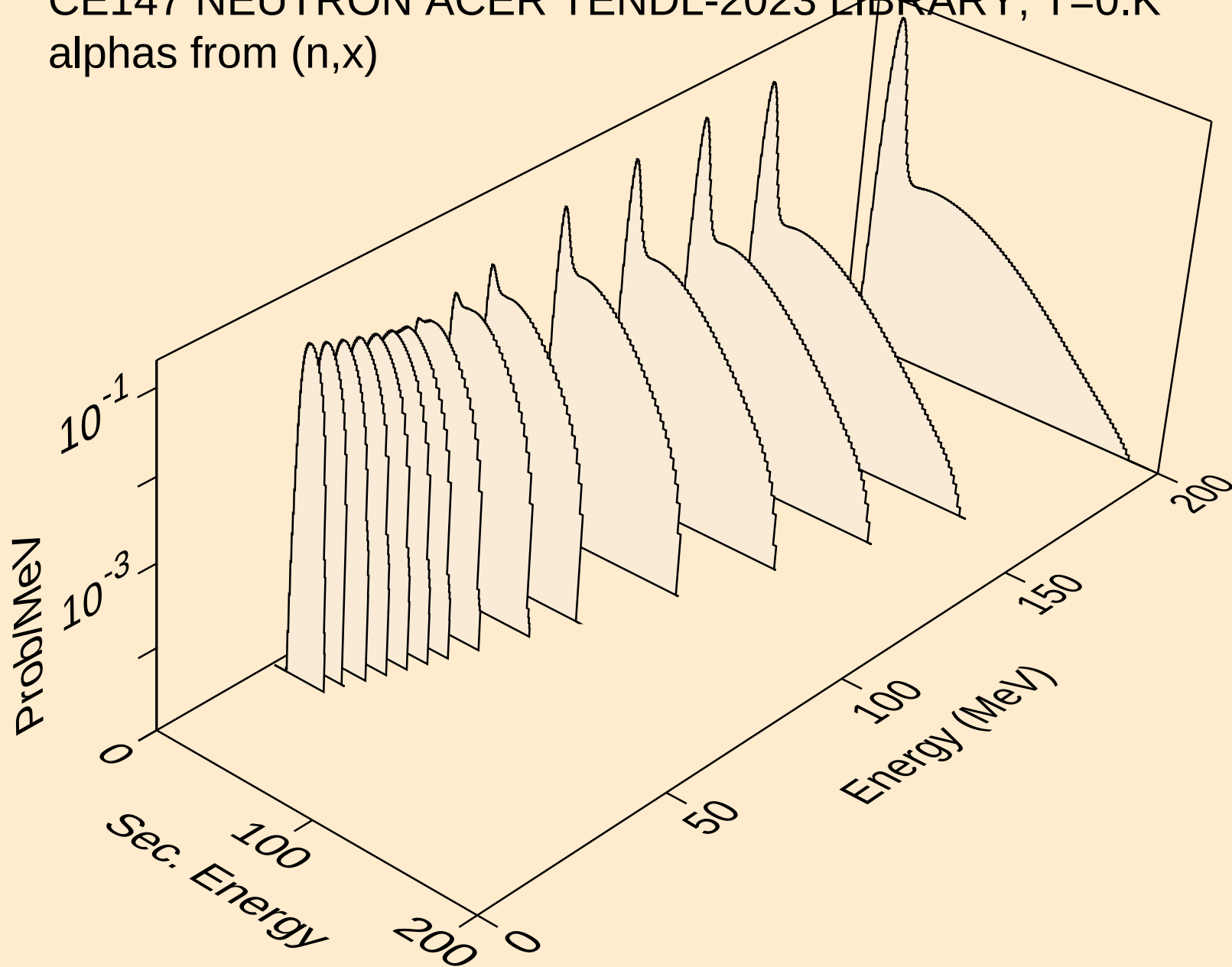
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he3s from (n,n*)he3



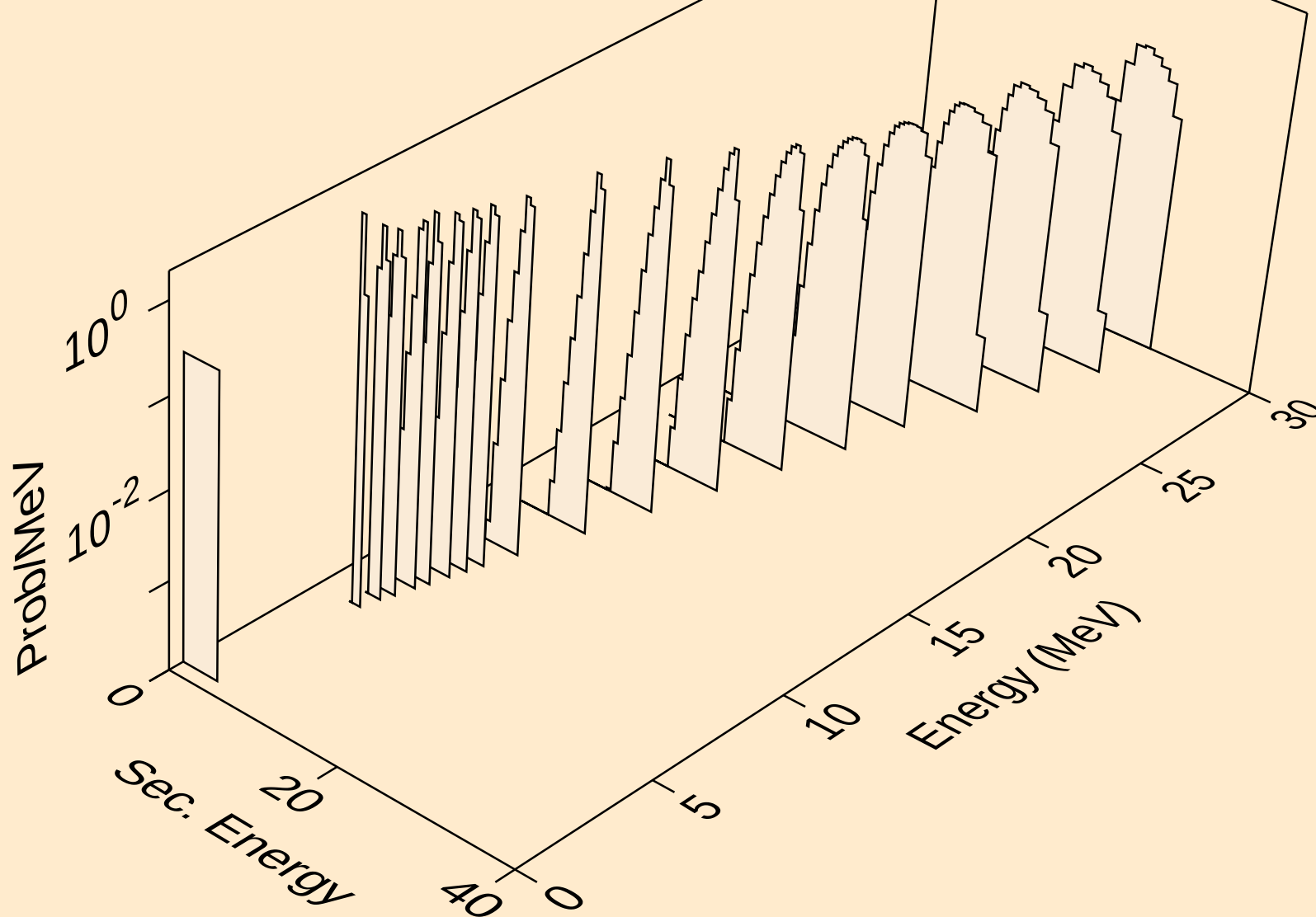
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he3s from (n,he3)



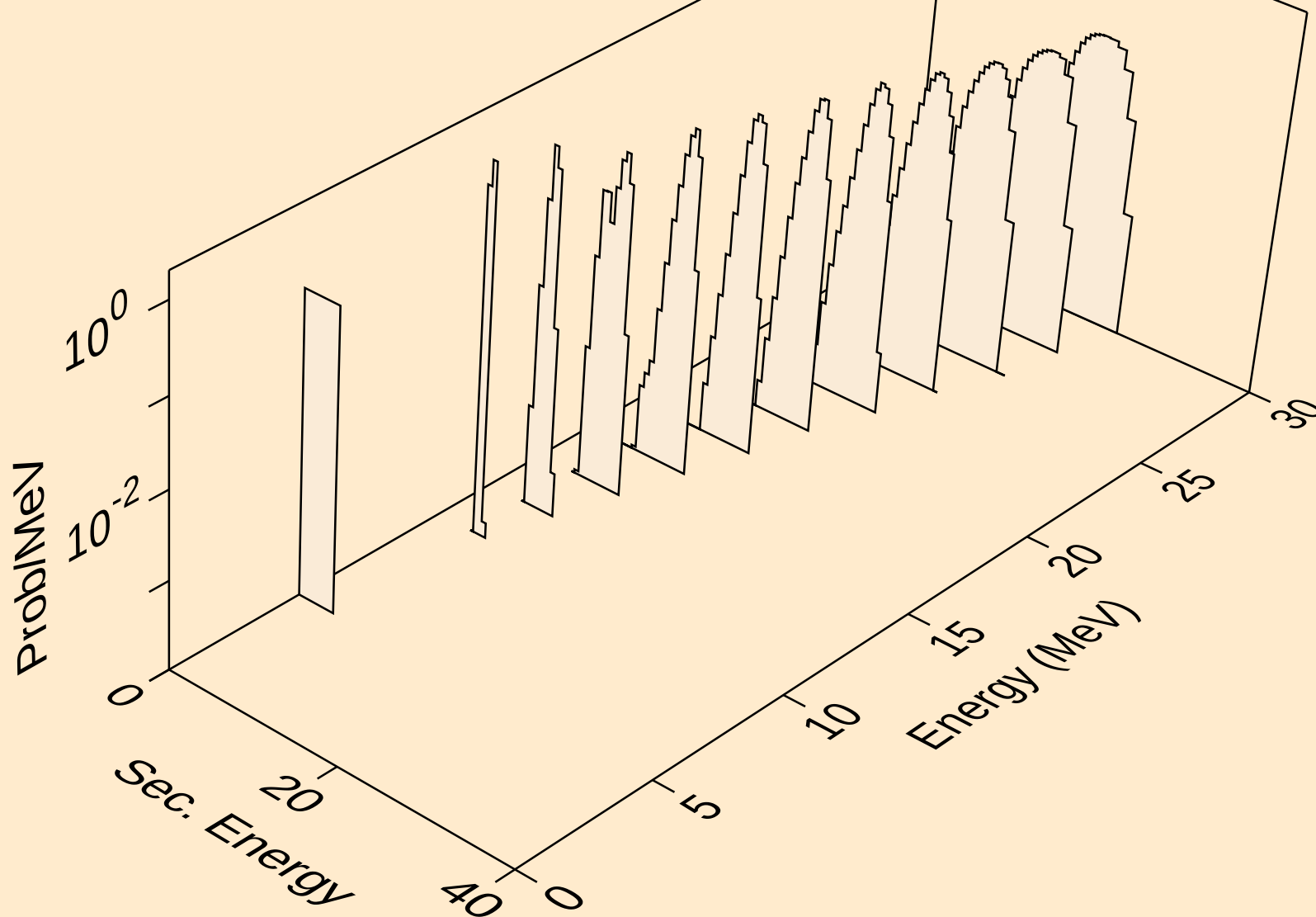
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



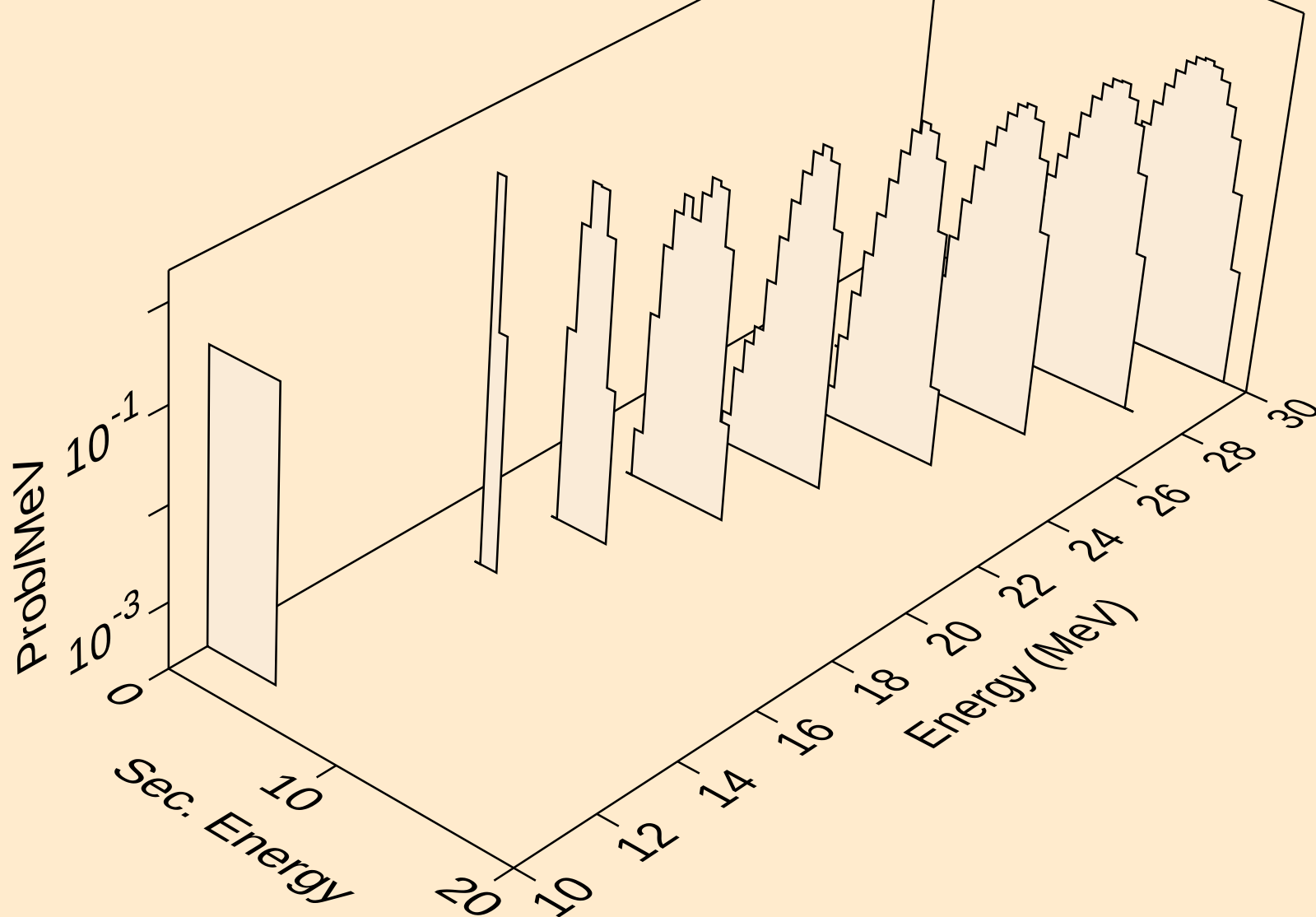
CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



CE147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

