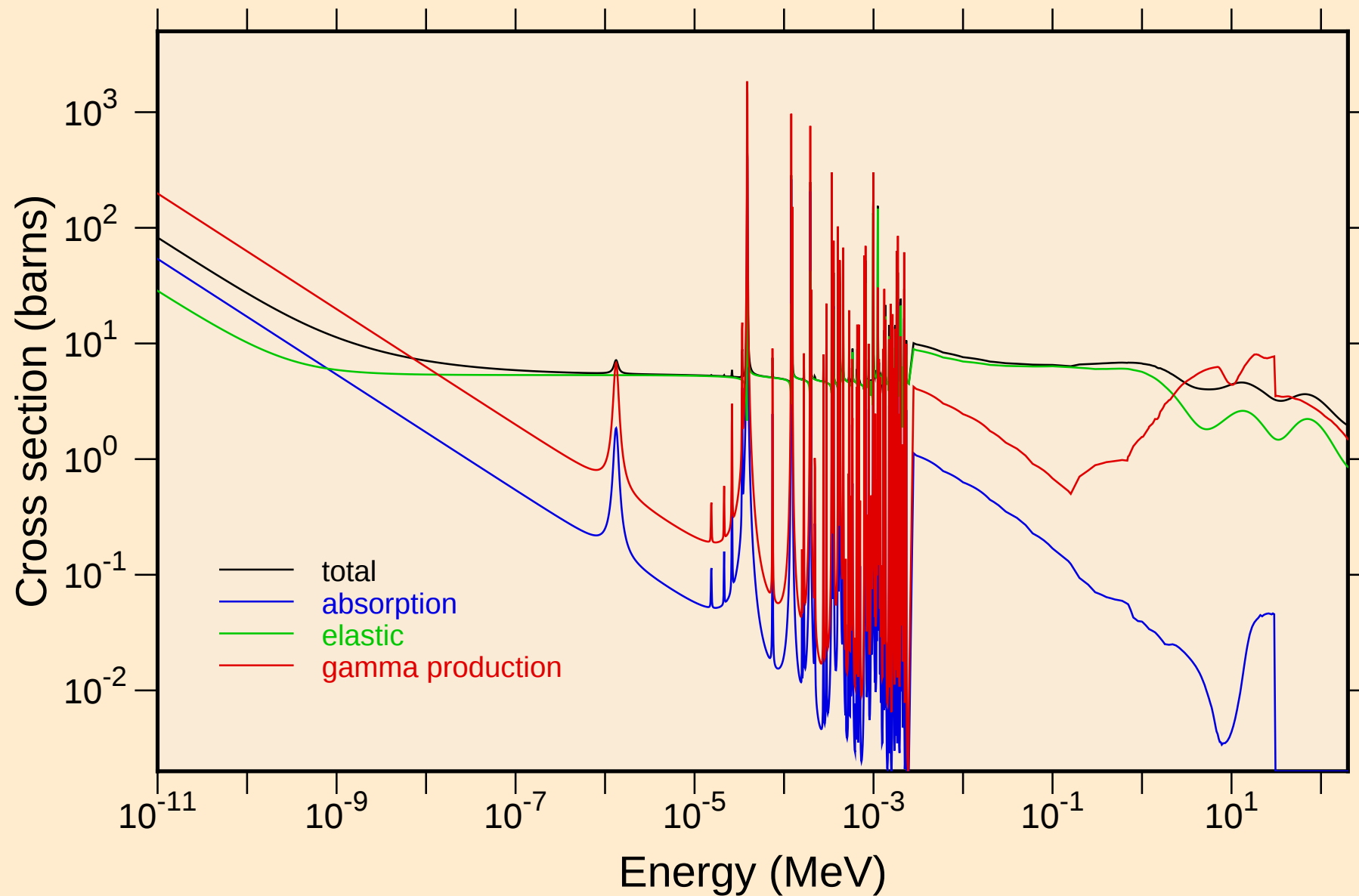
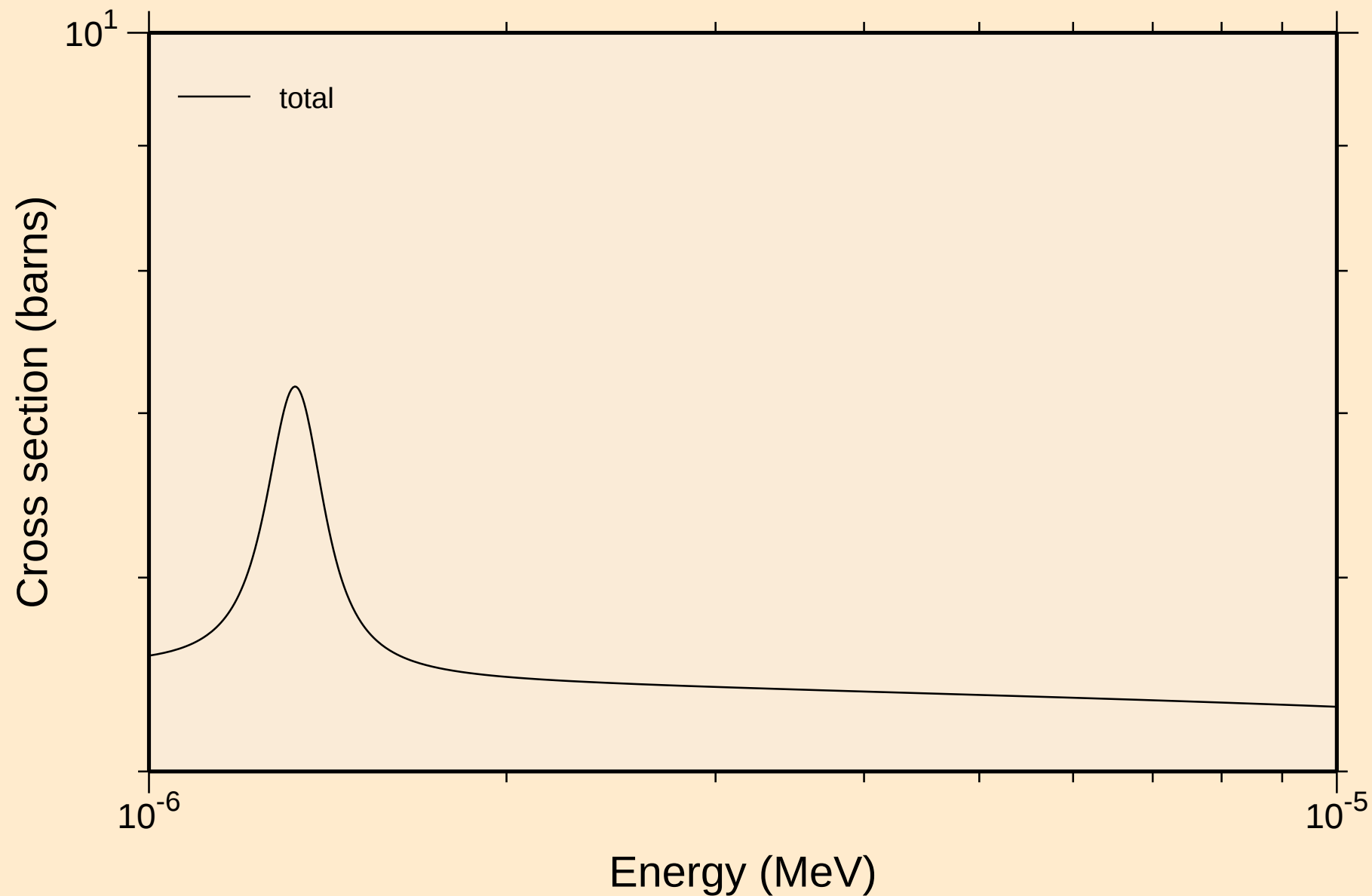


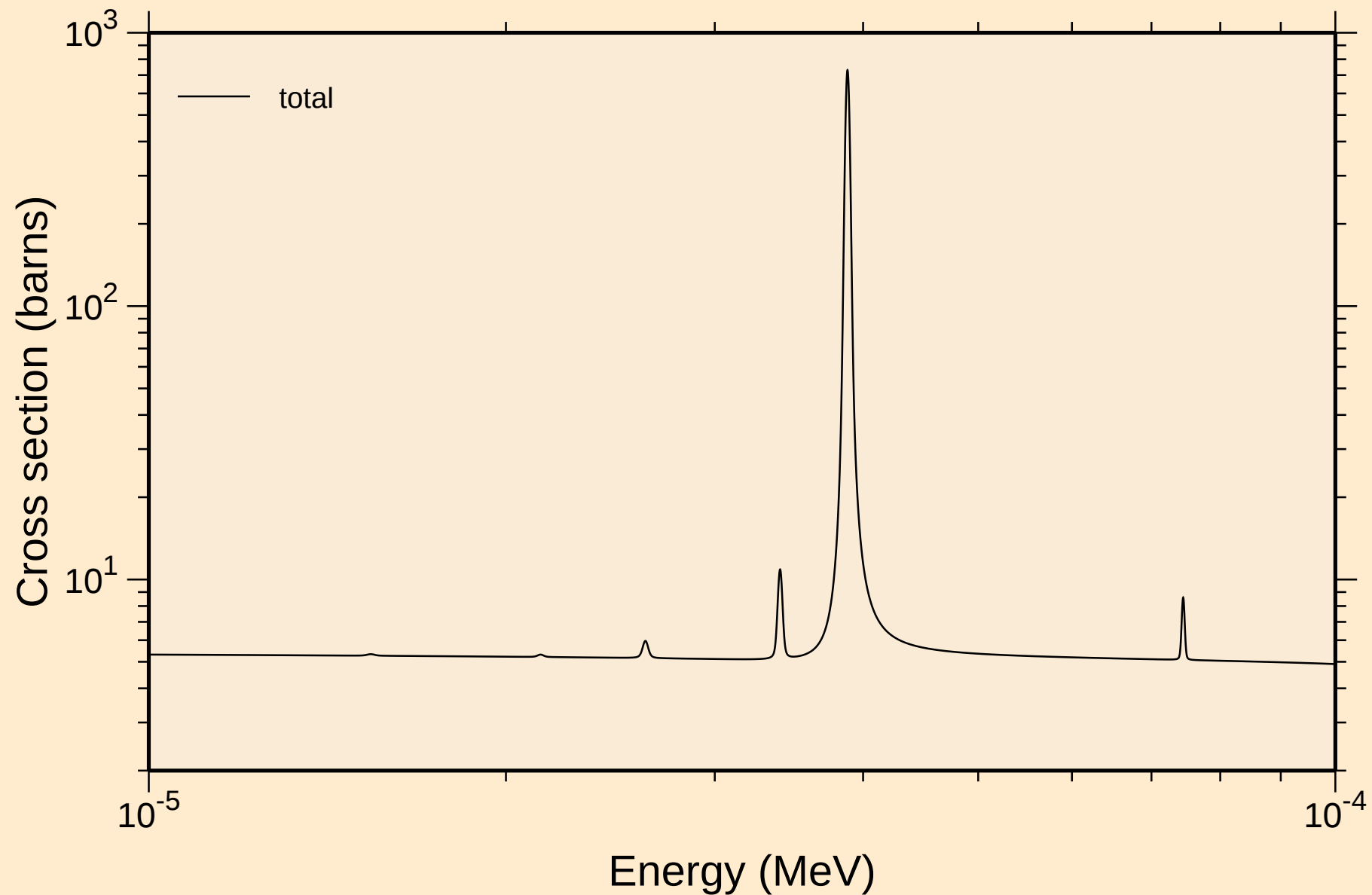
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



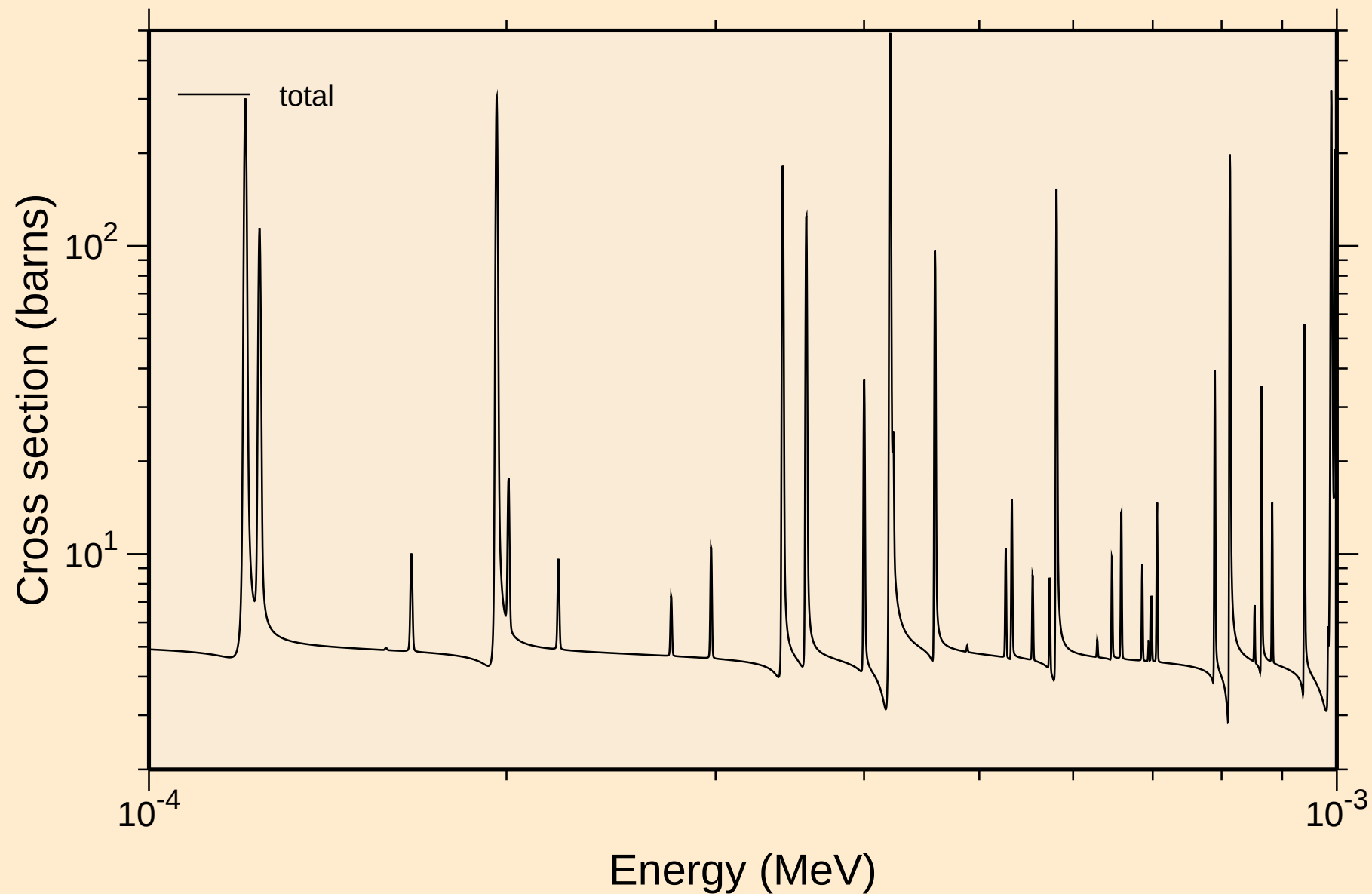
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



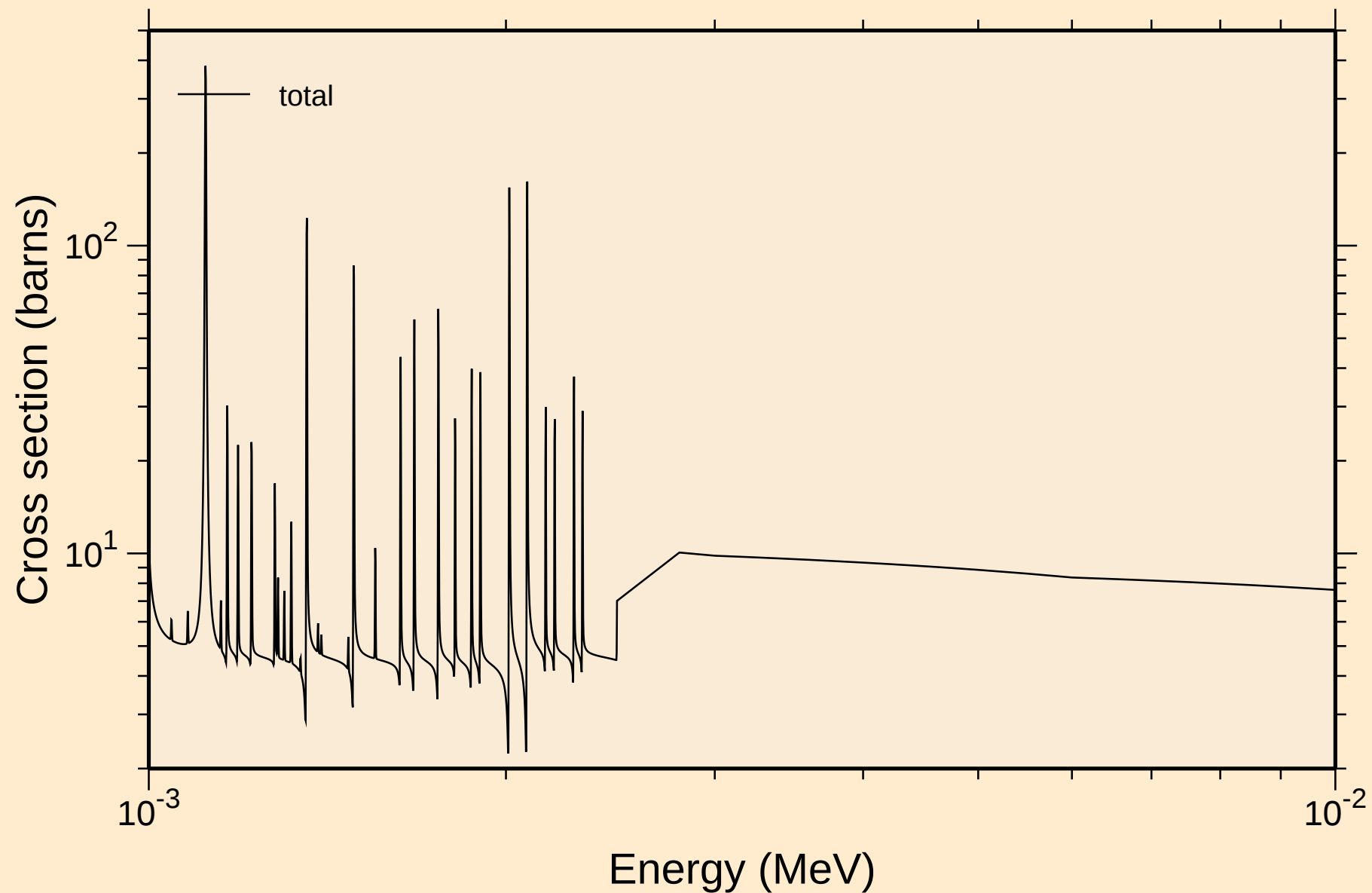
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



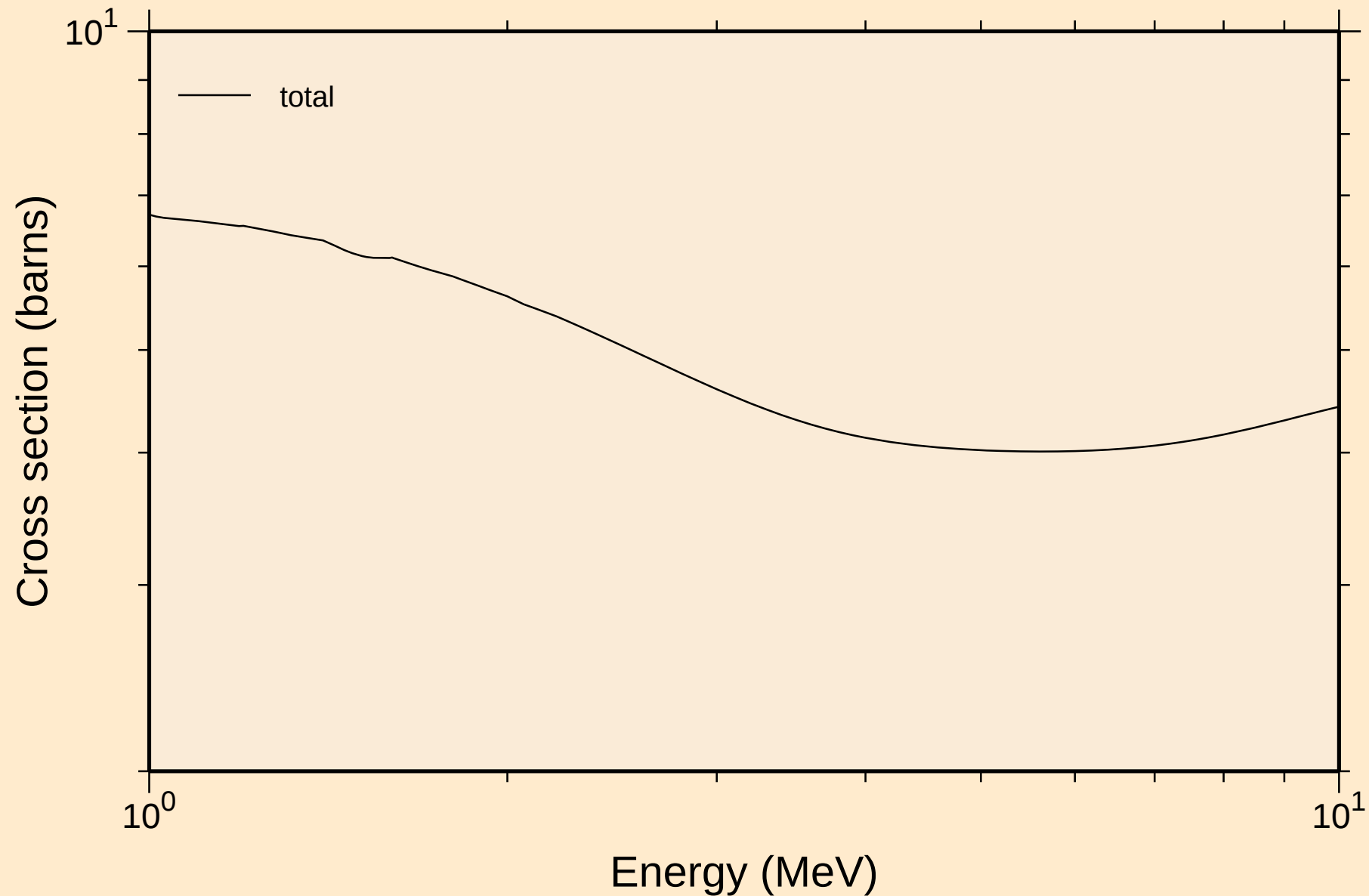
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



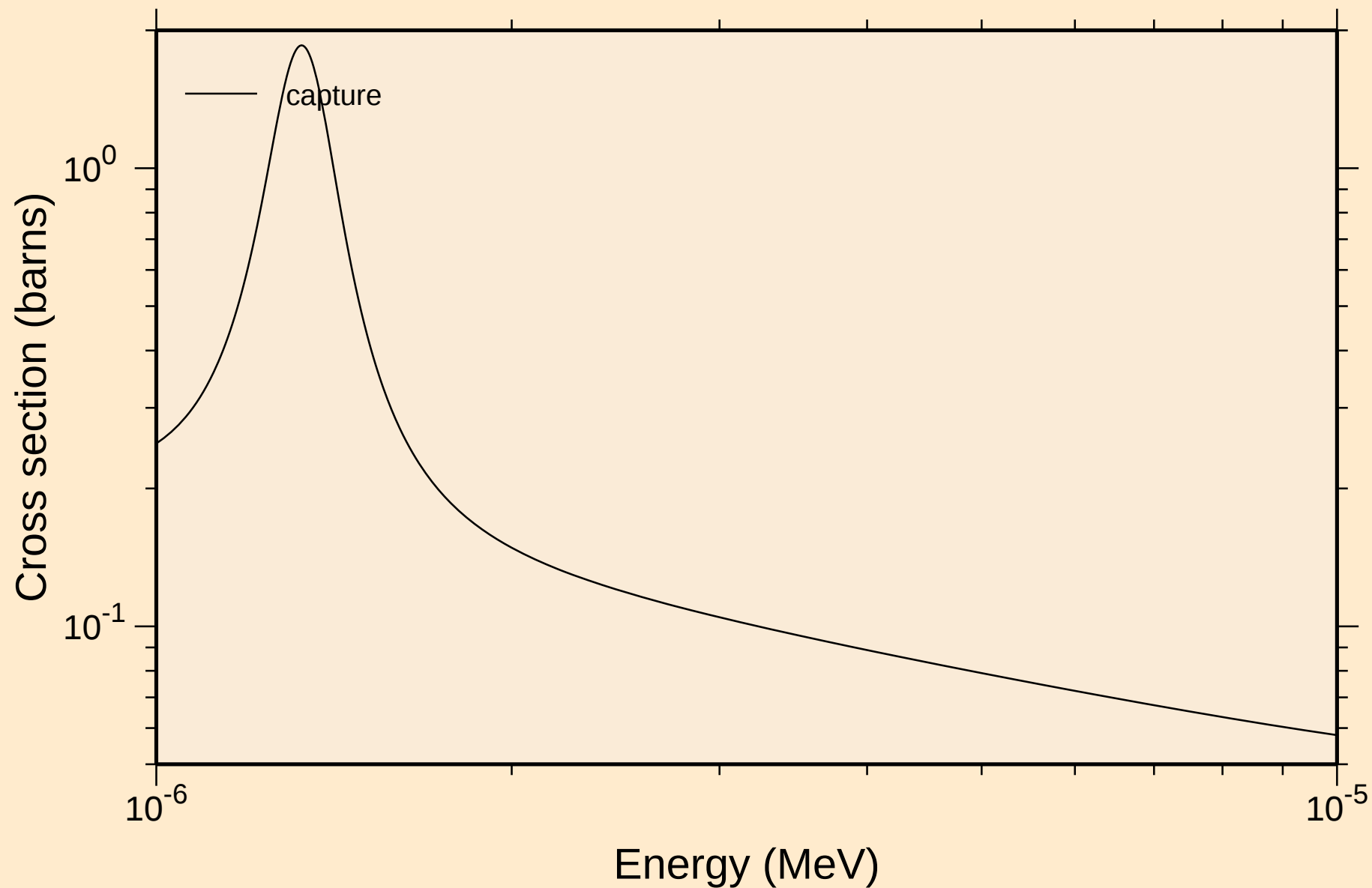
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



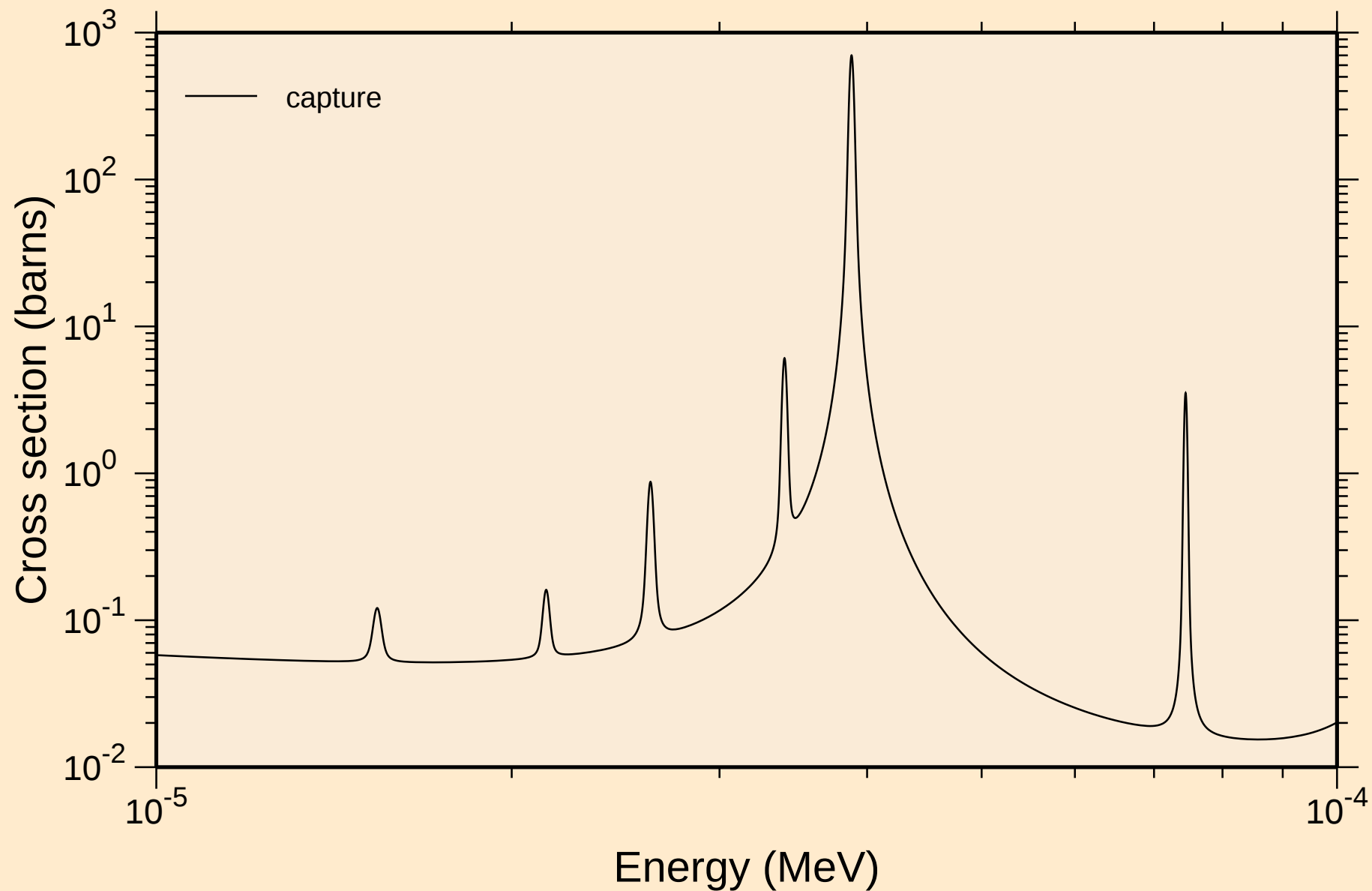
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



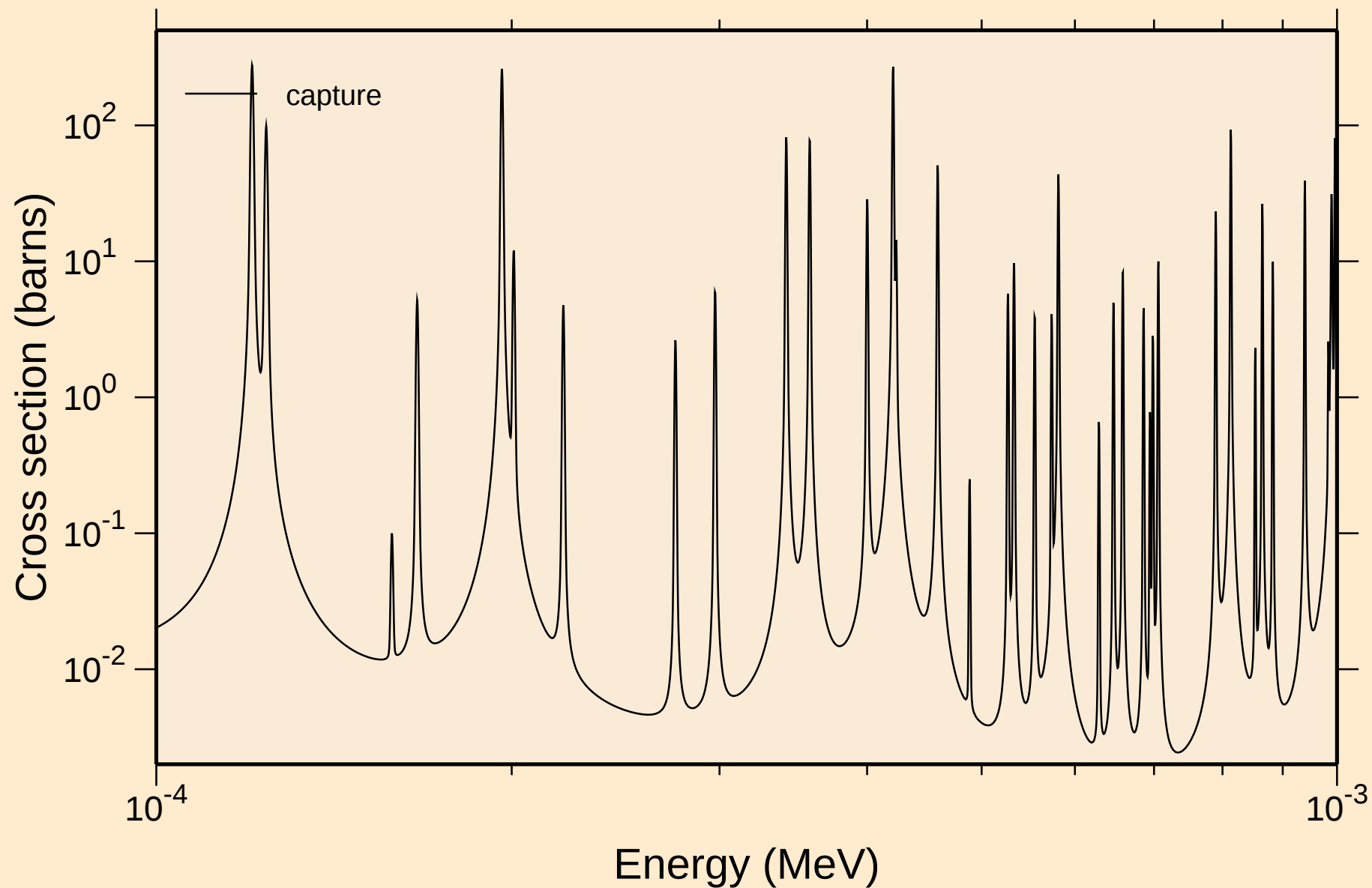
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



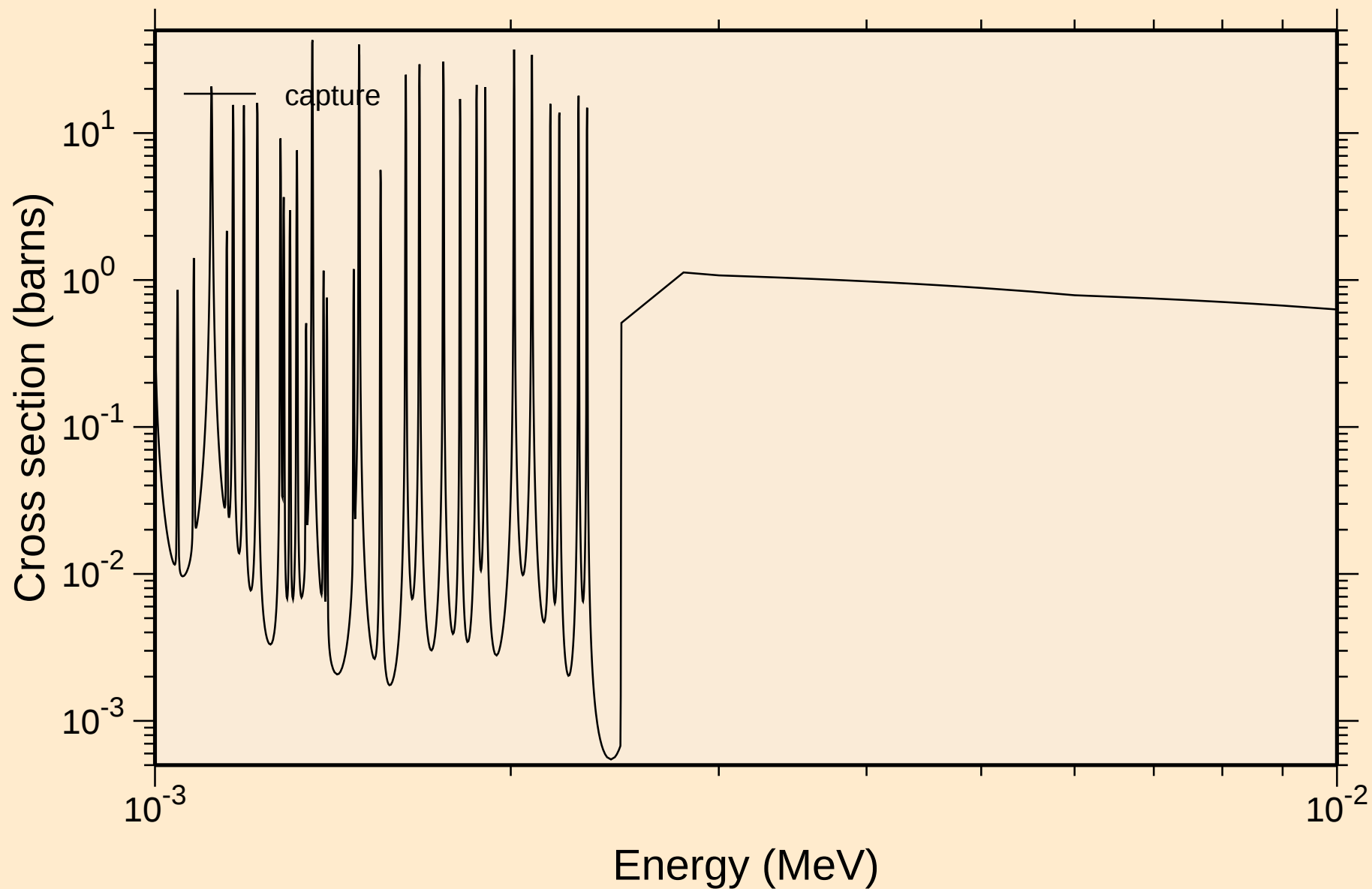
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



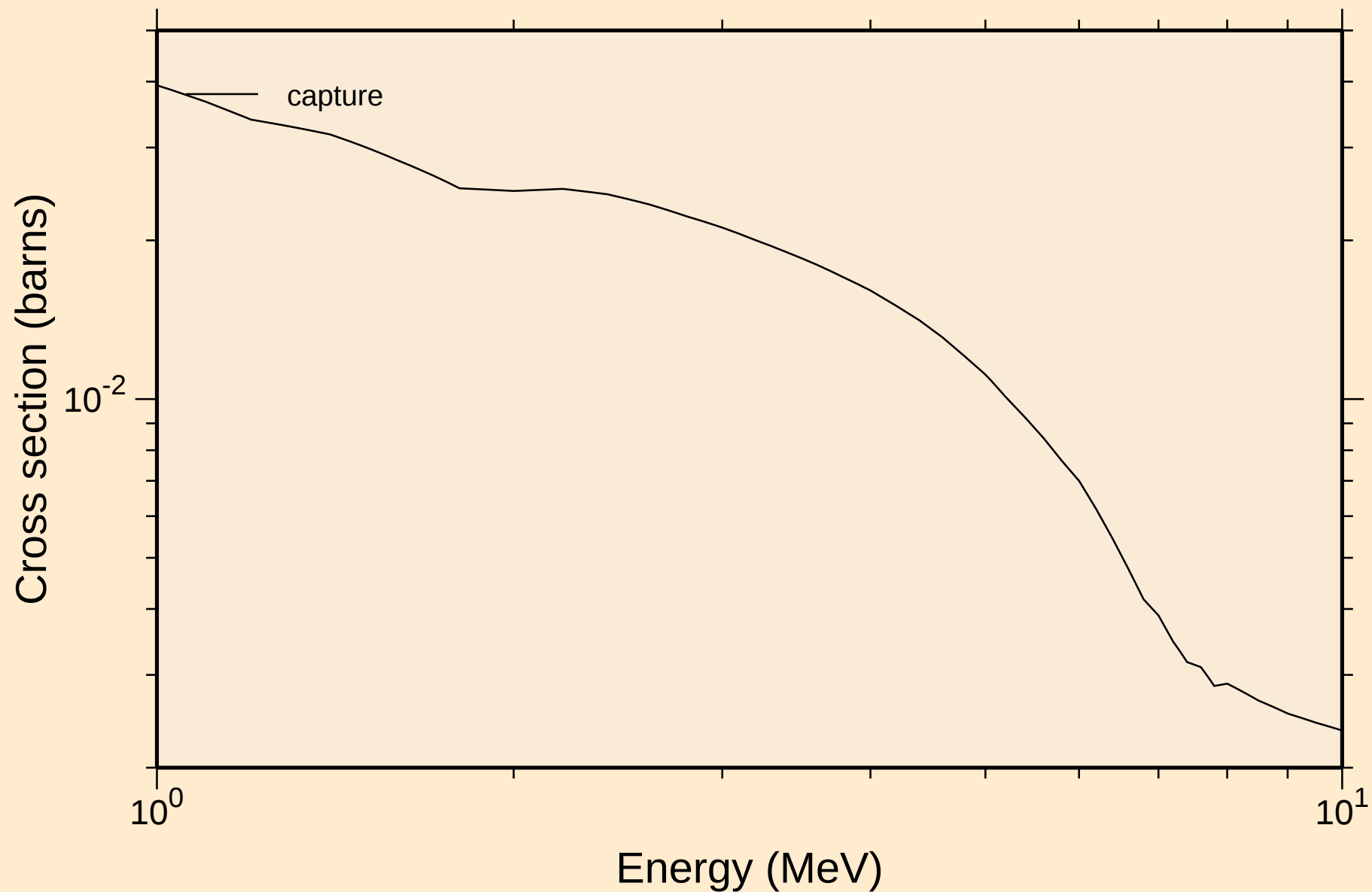
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

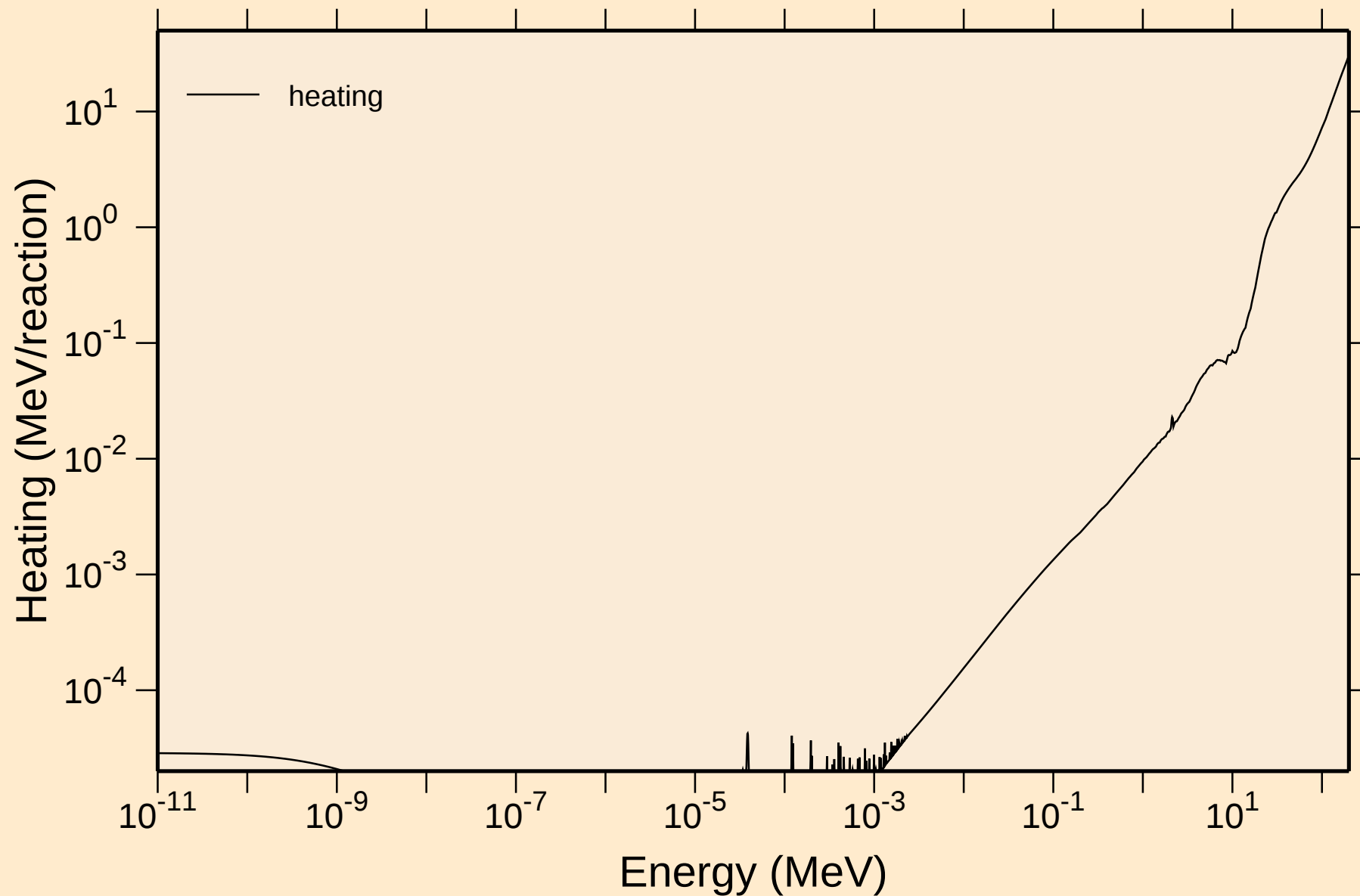


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



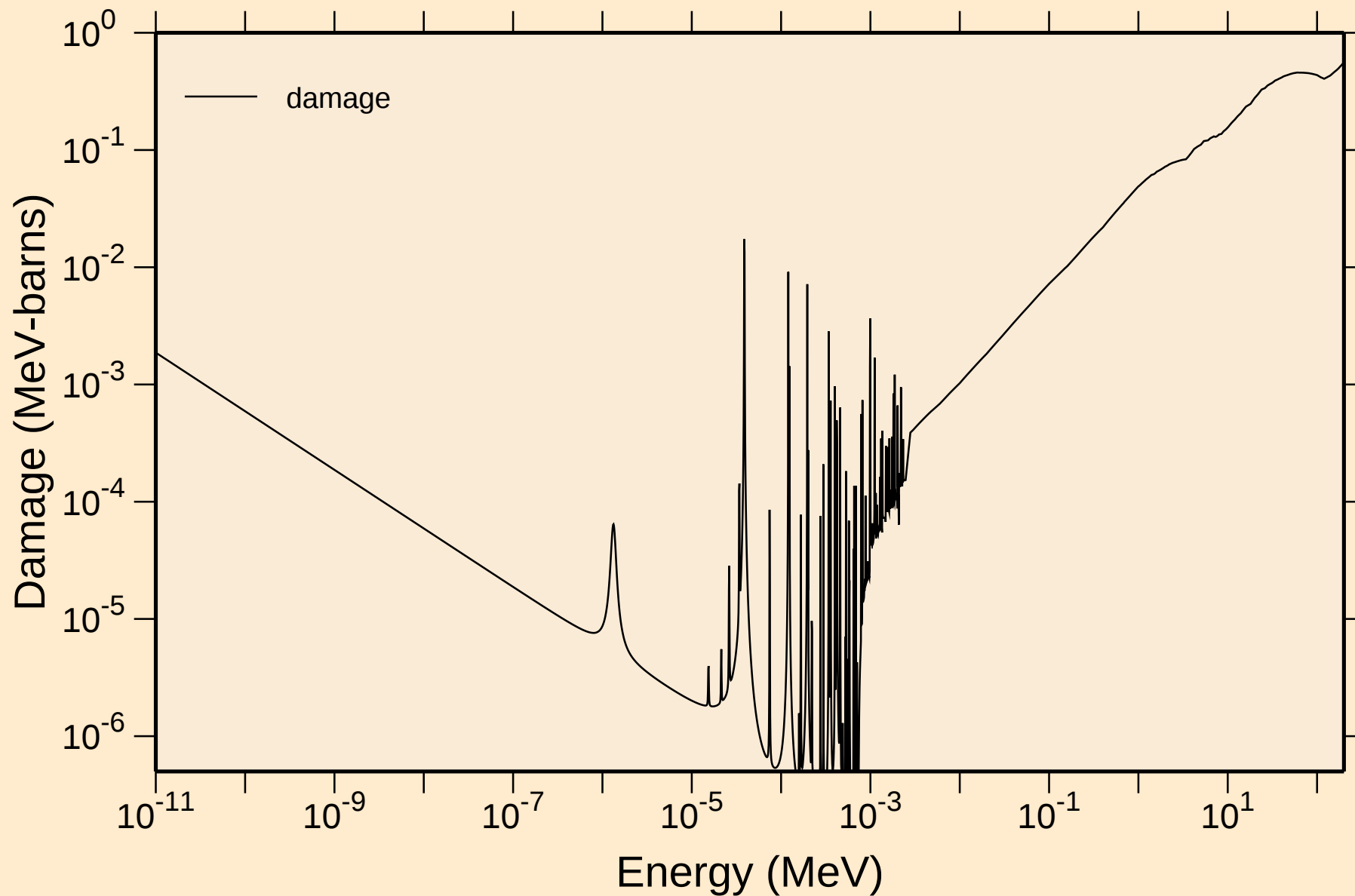
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

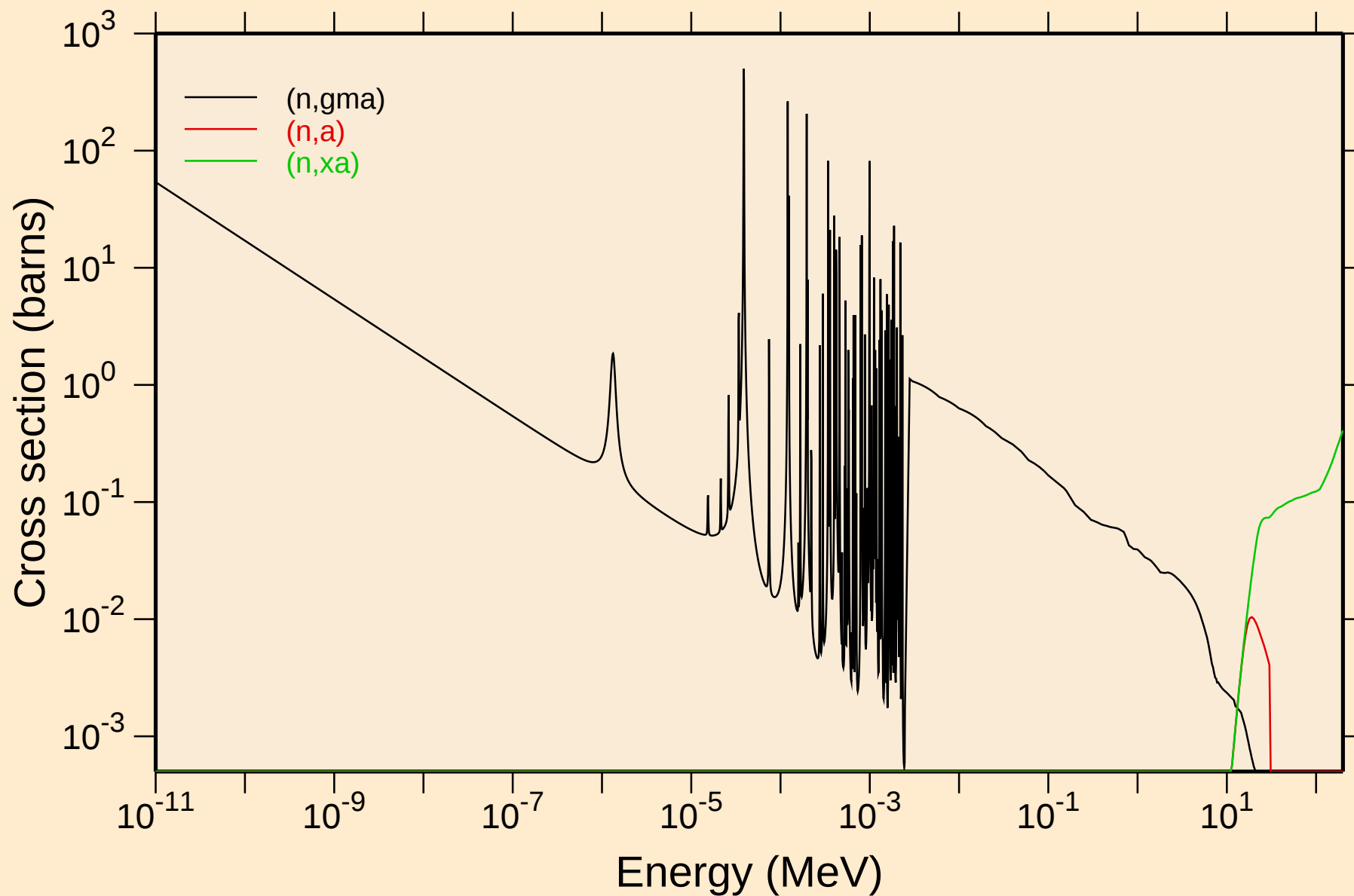


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

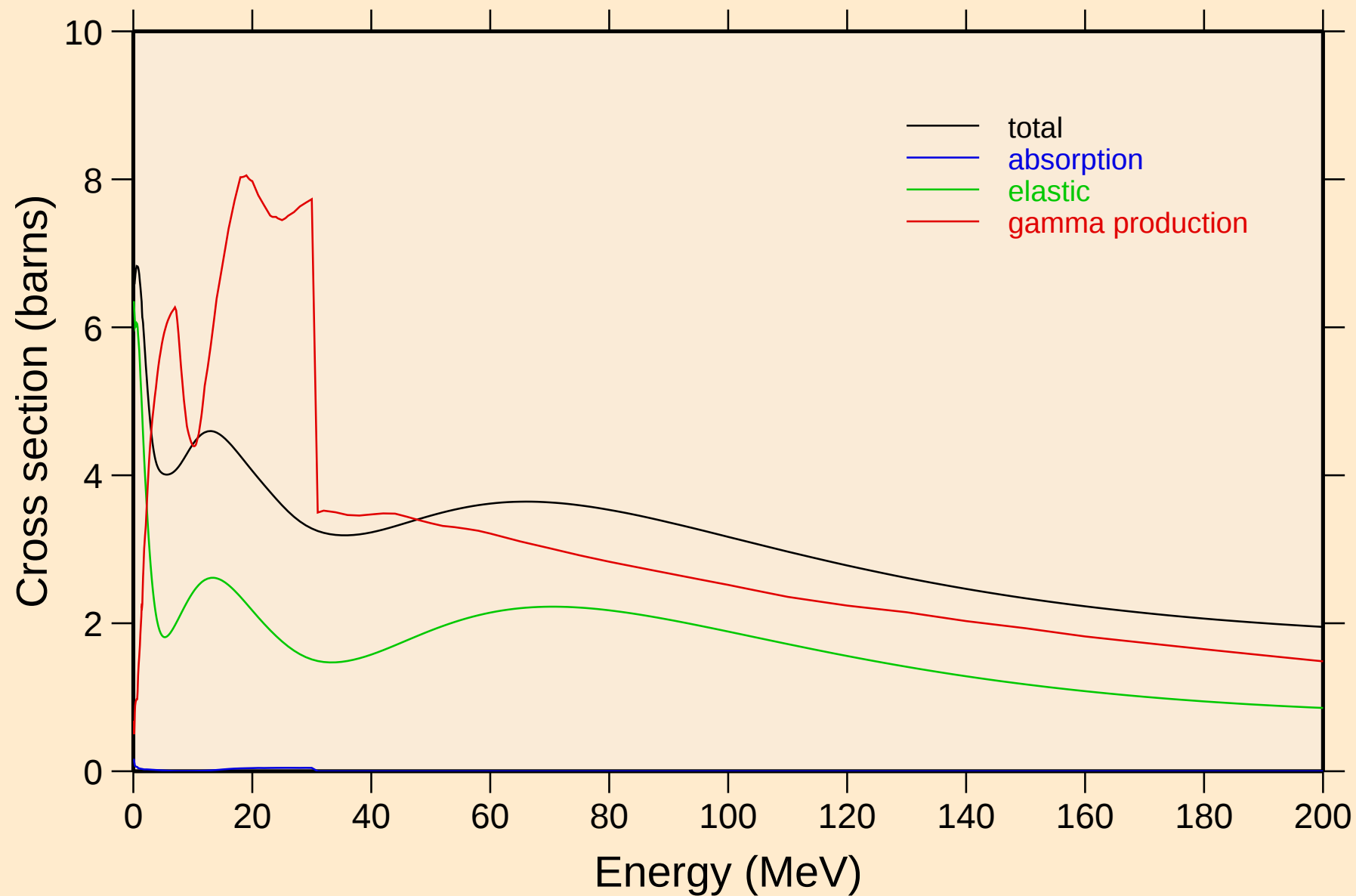


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



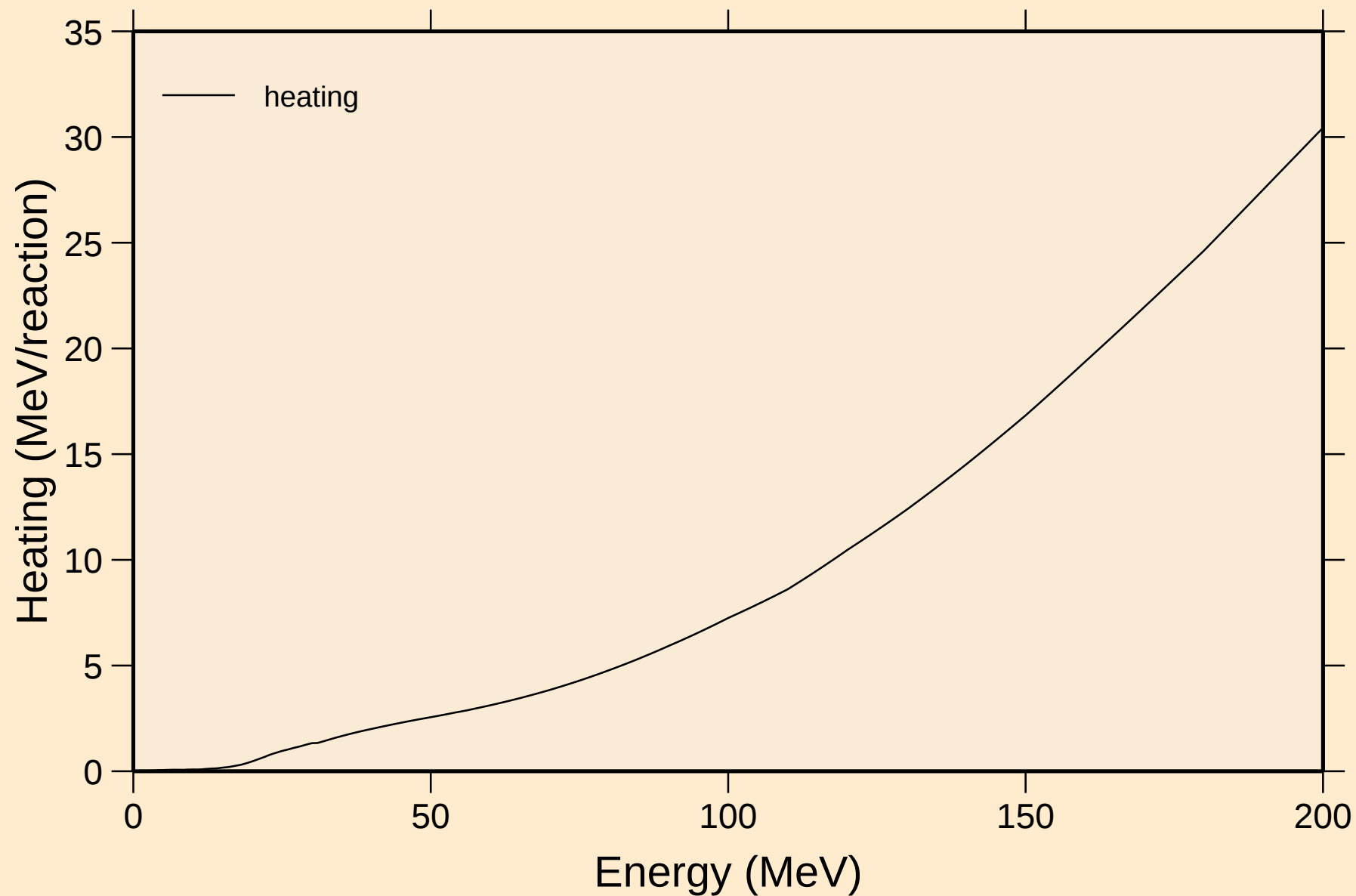
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



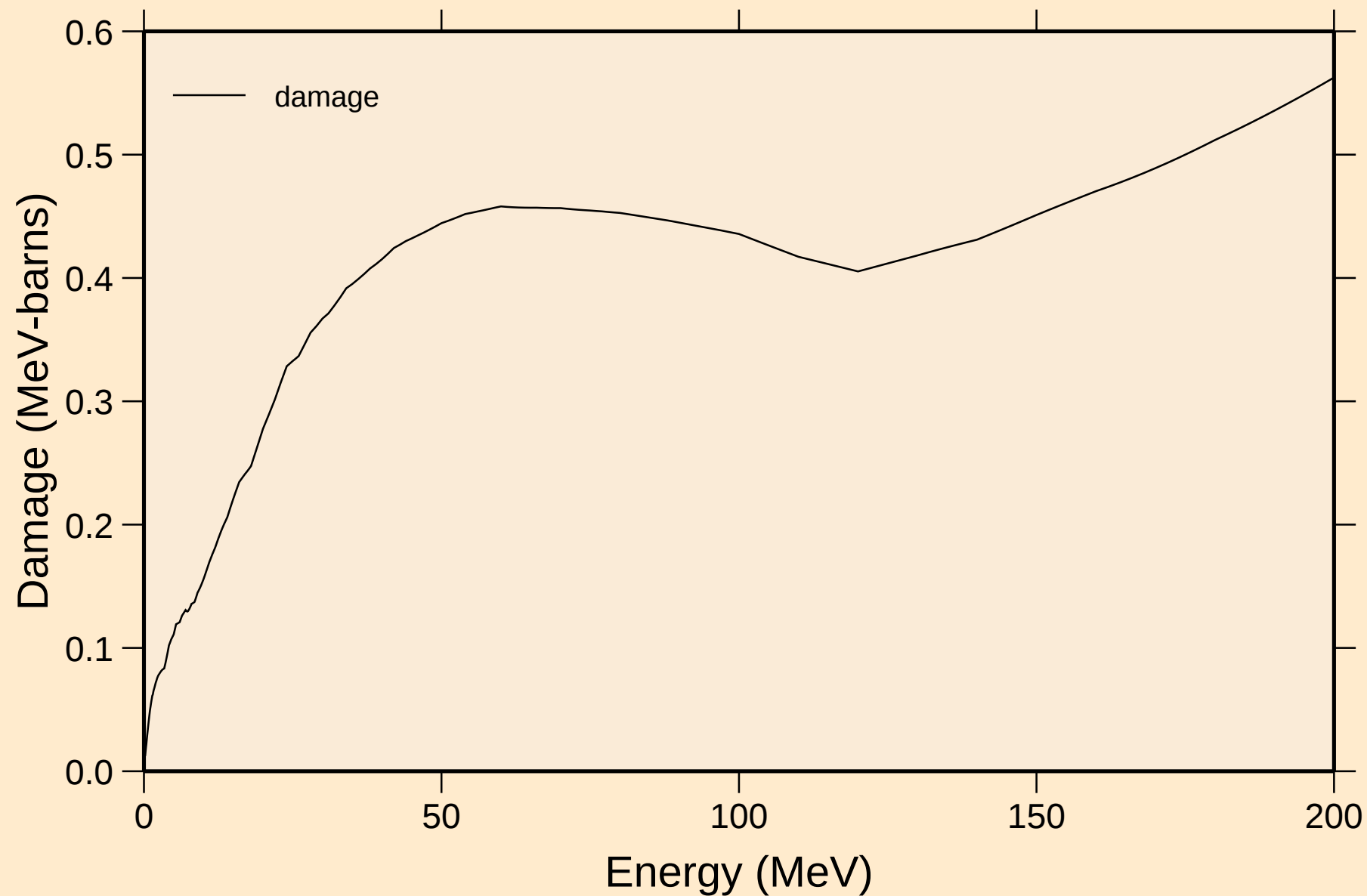
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

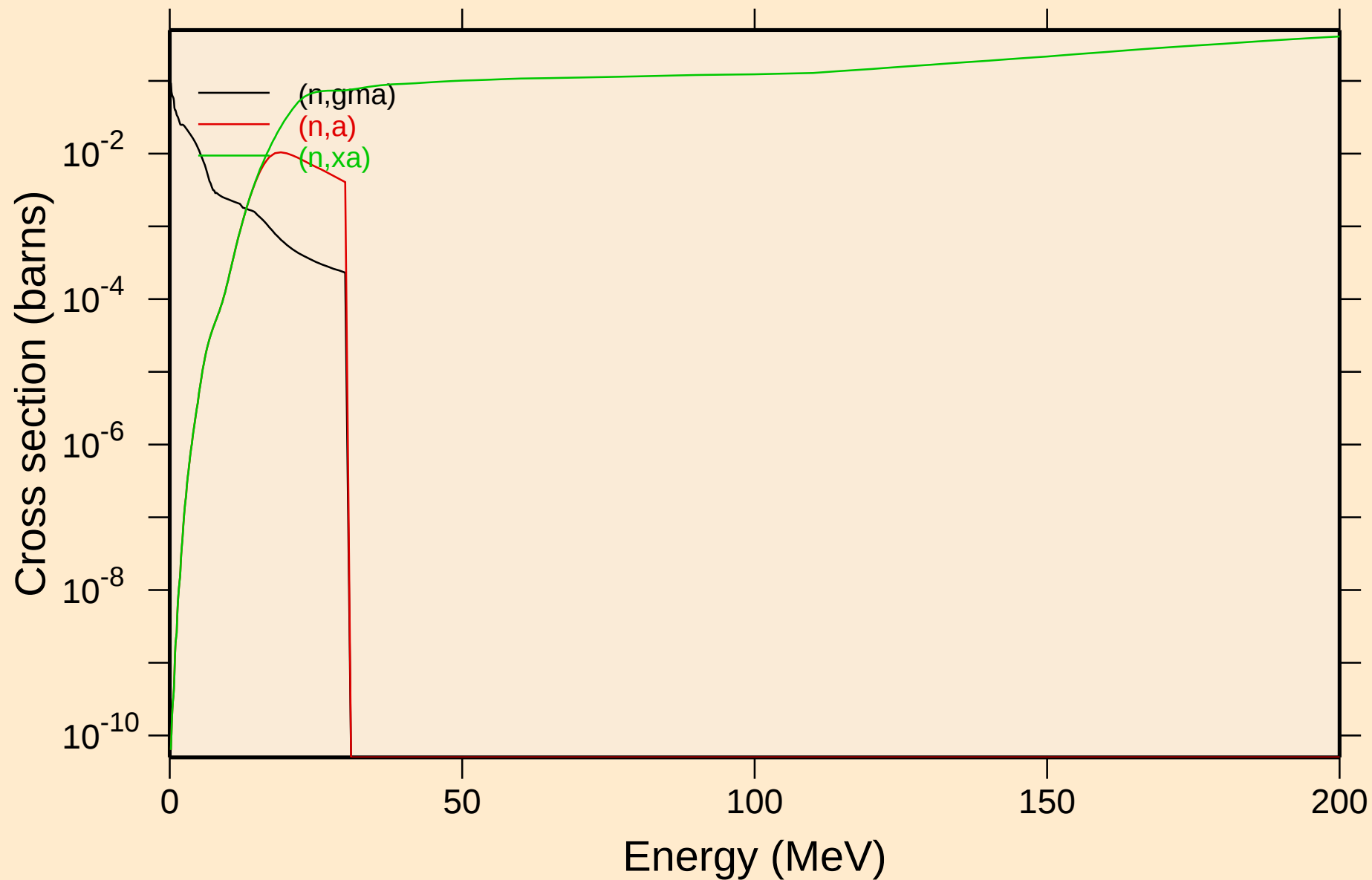


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

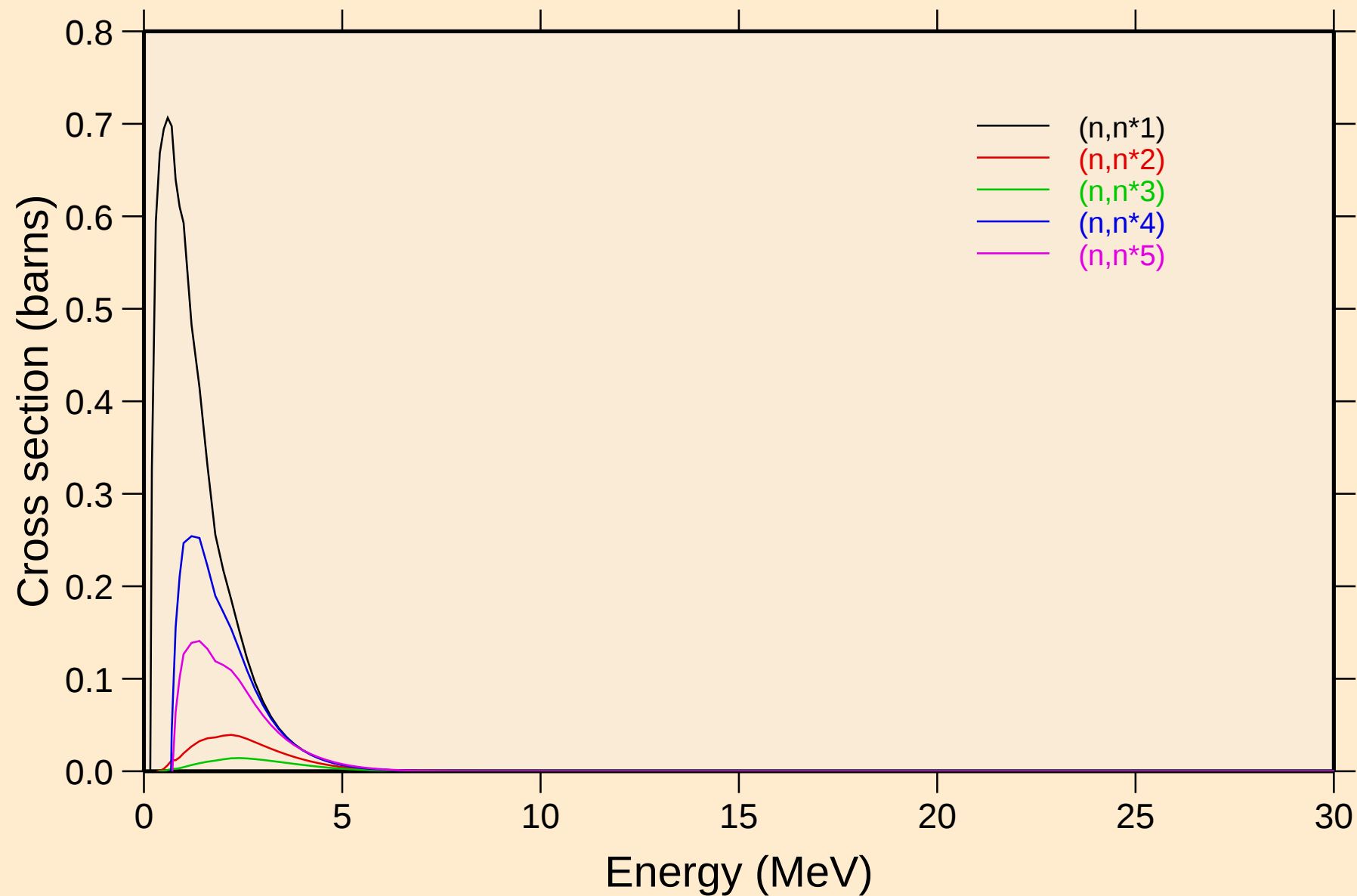


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



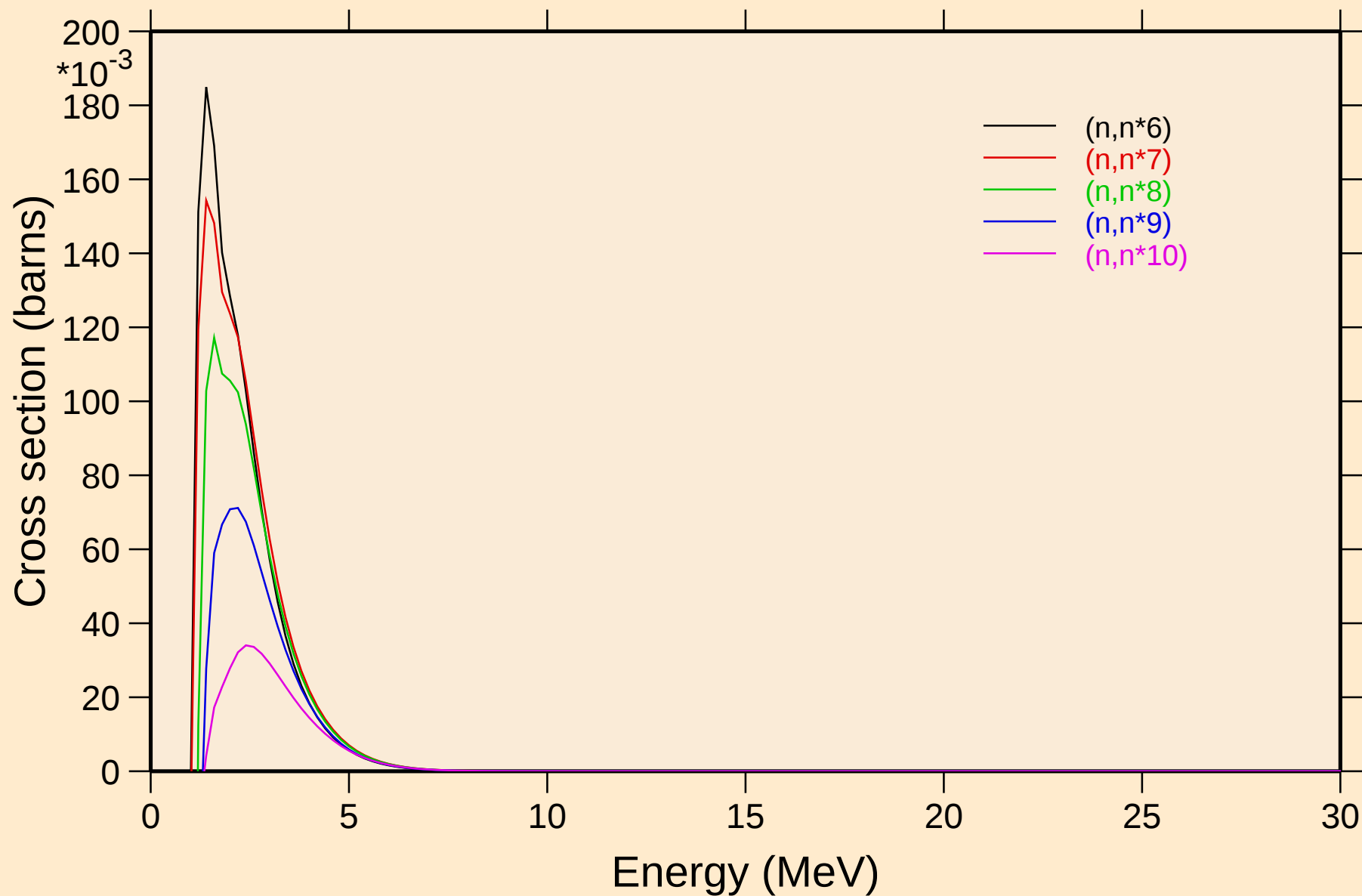
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

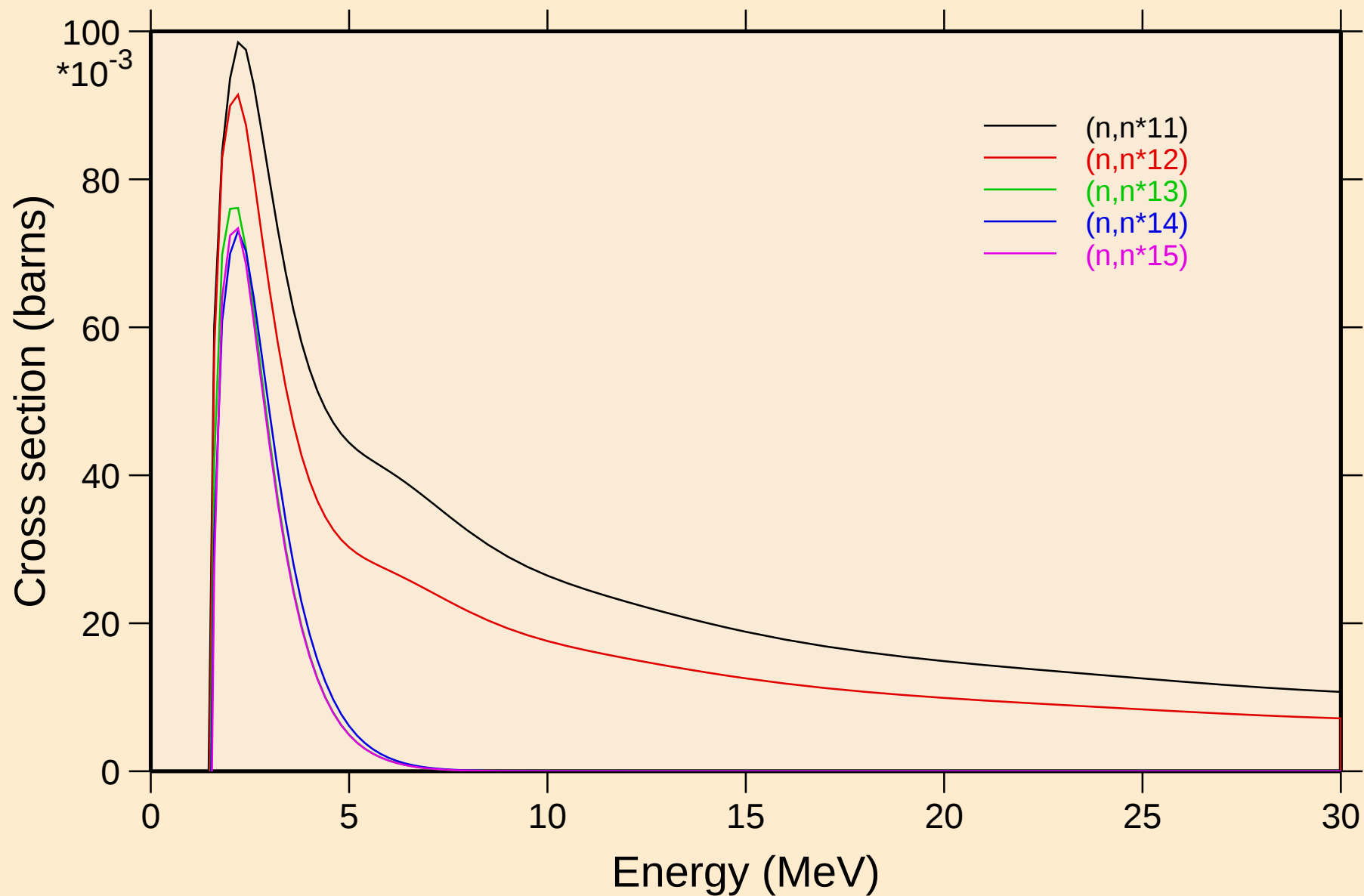


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

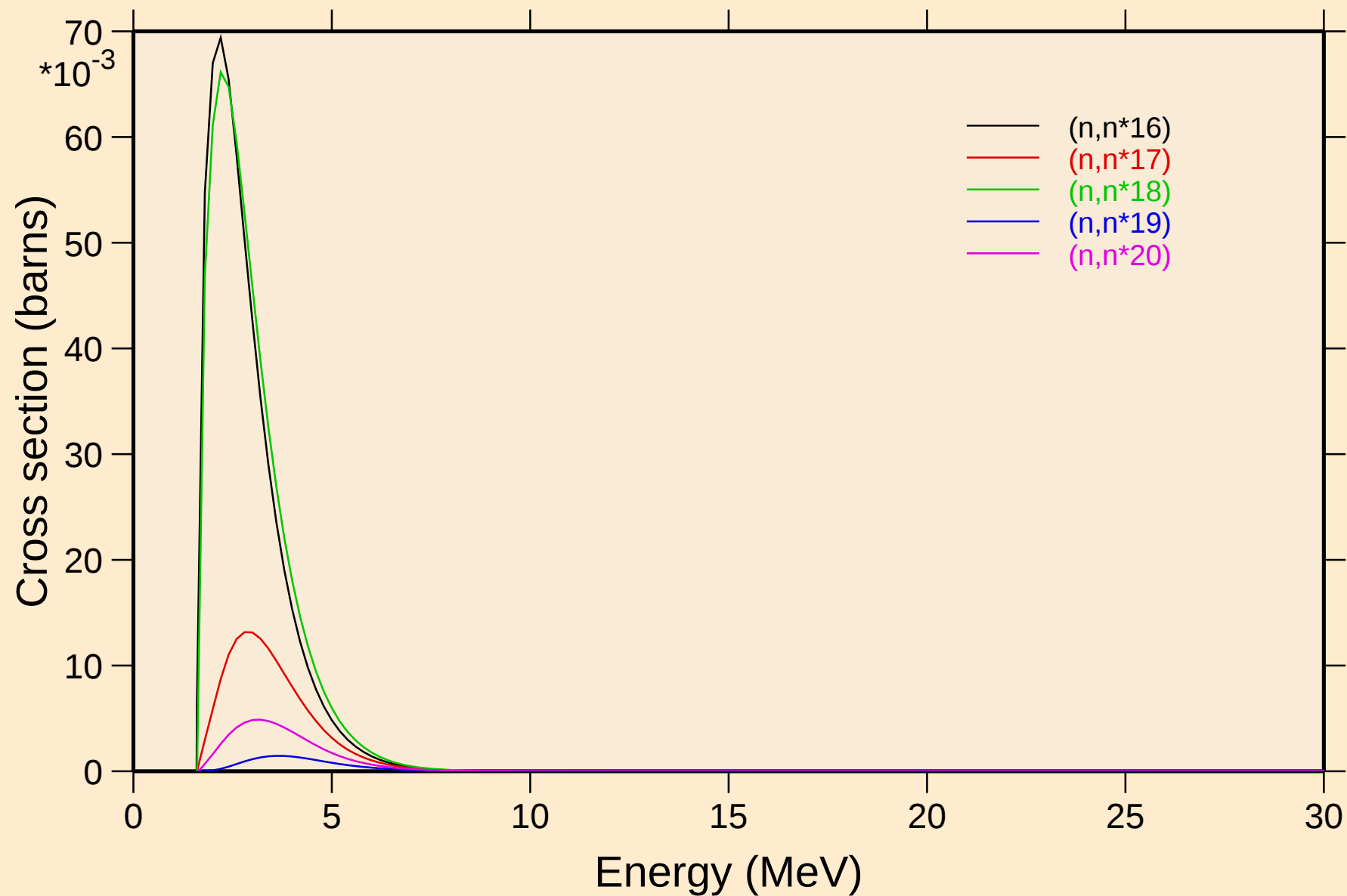


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



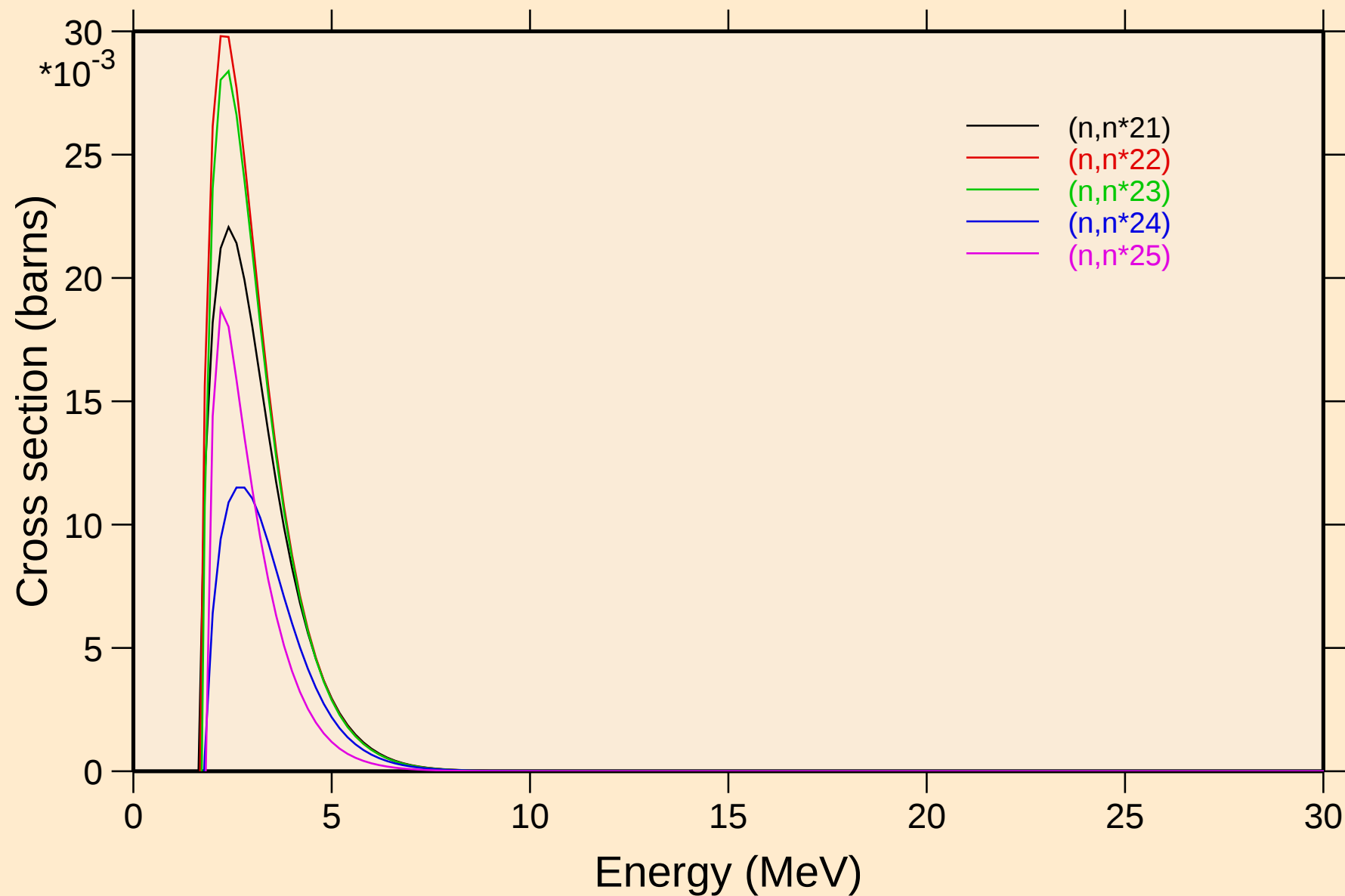
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

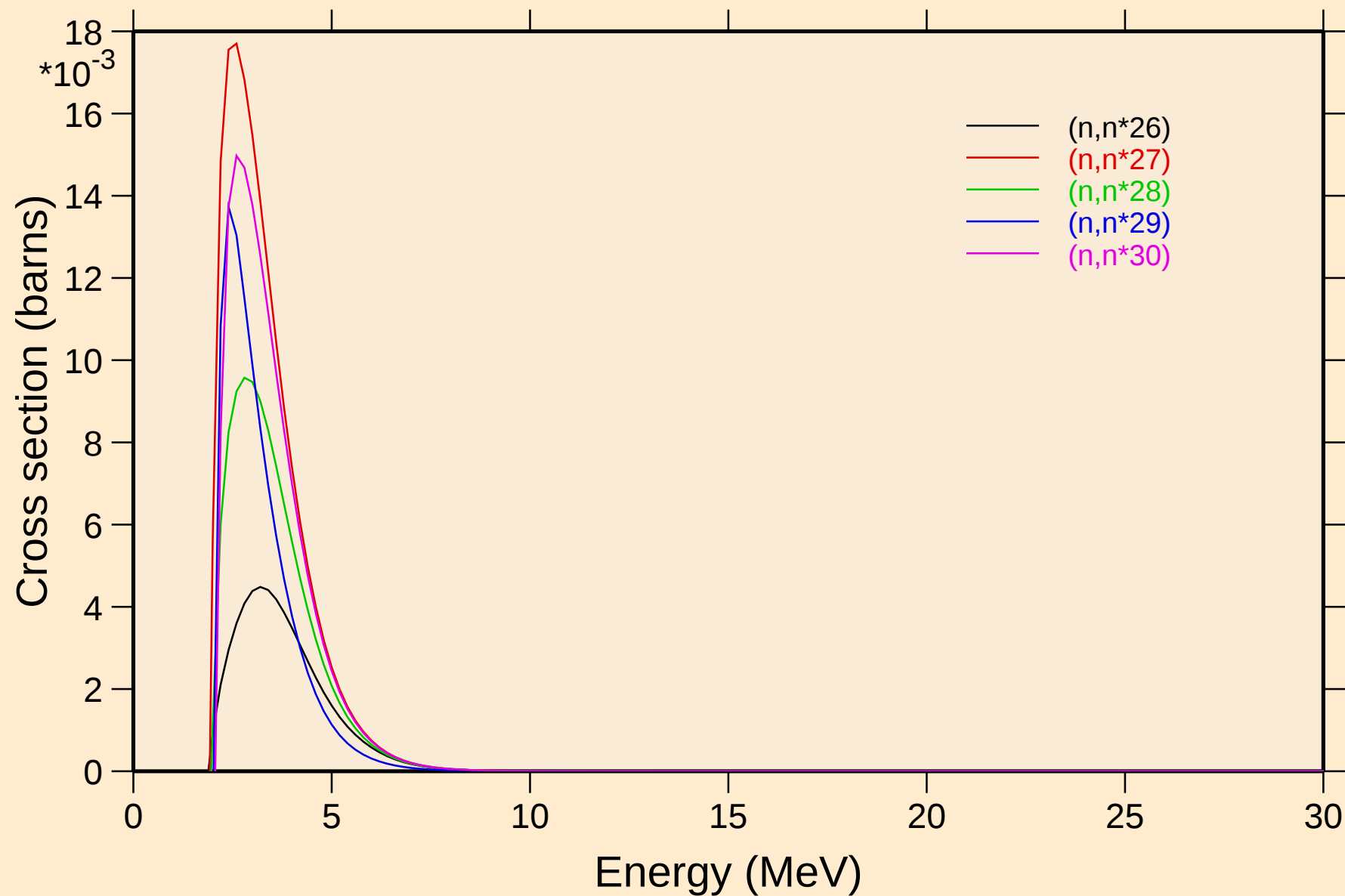


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

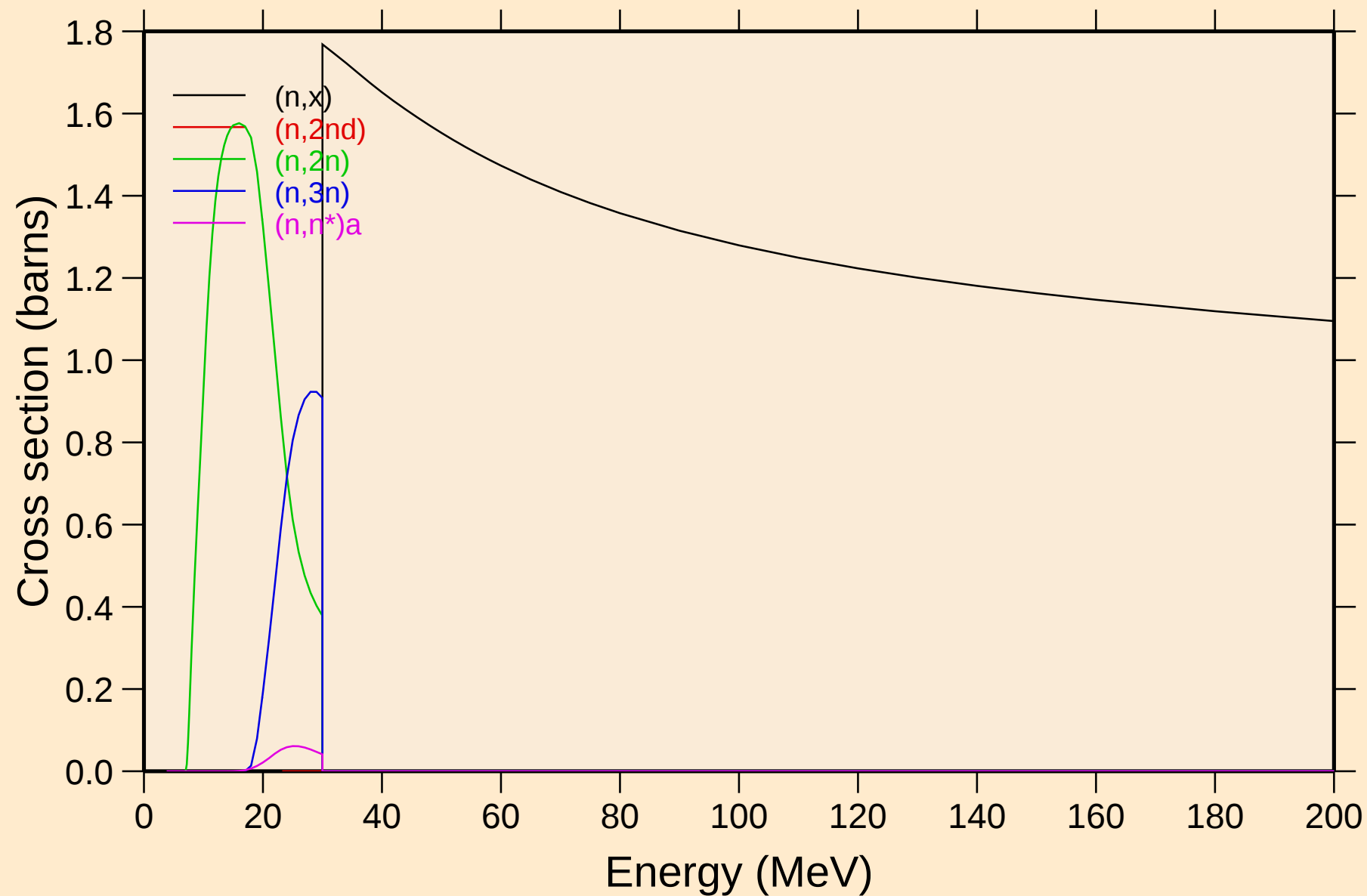
Inelastic levels



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

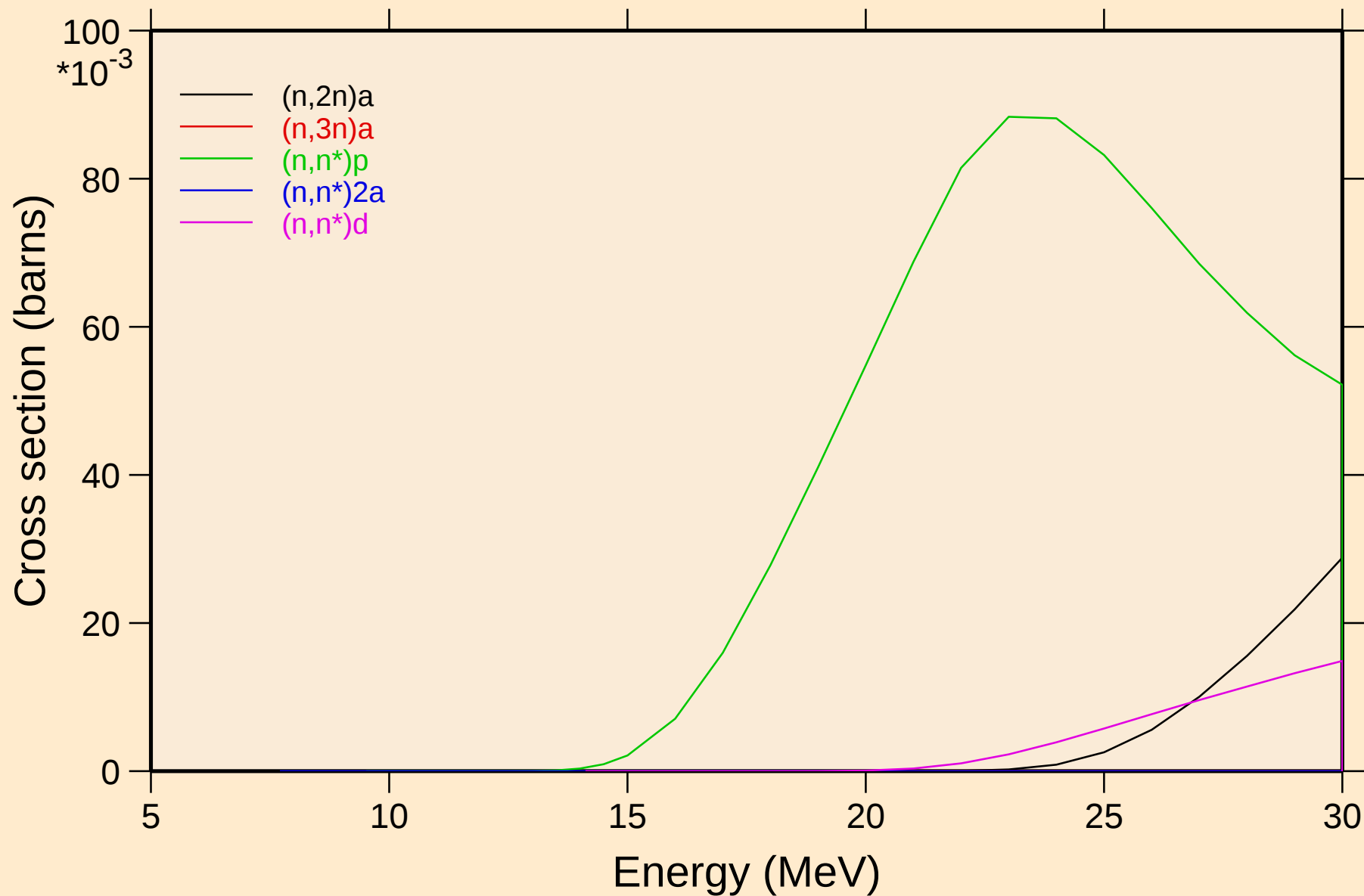


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



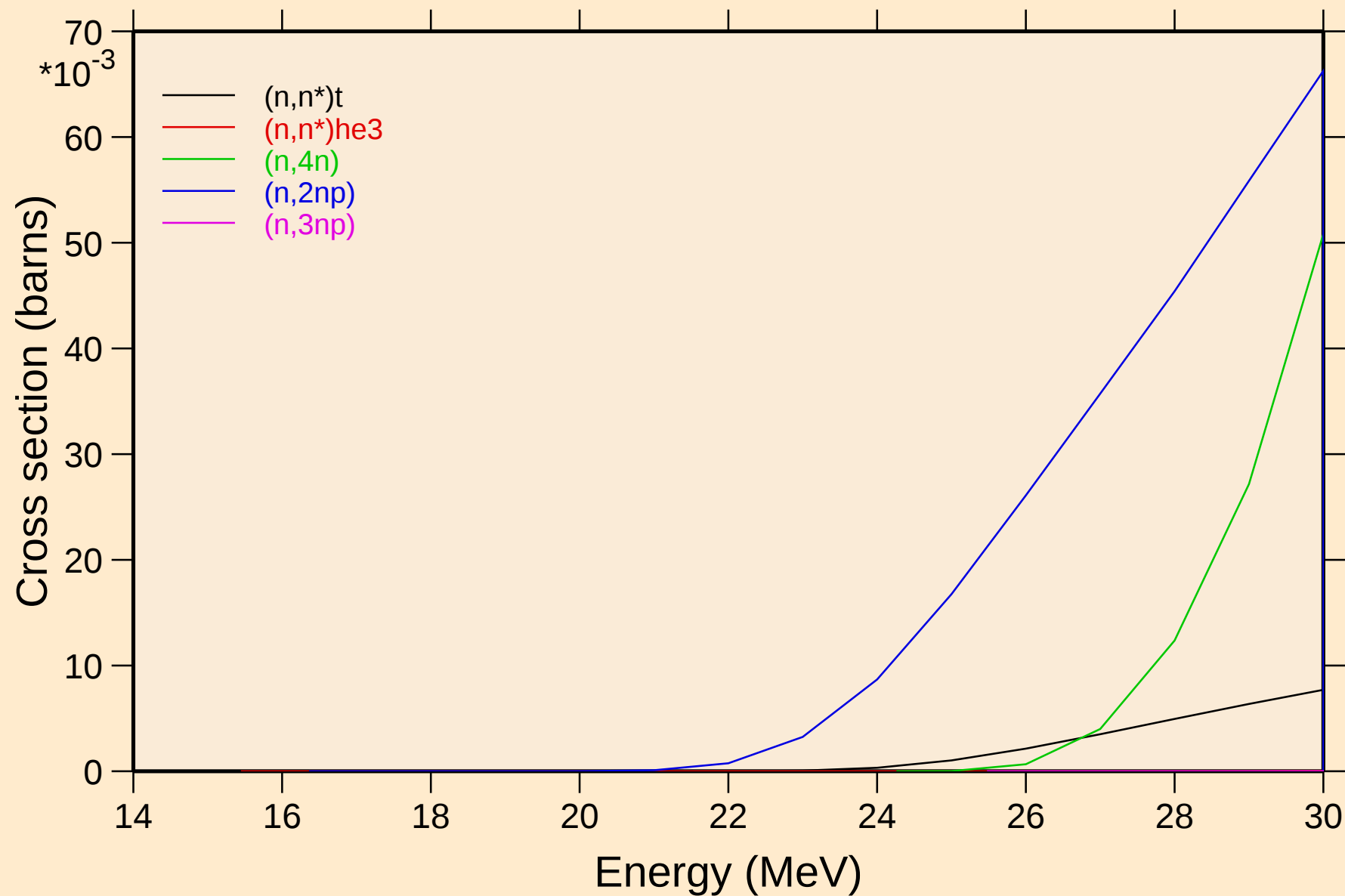
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

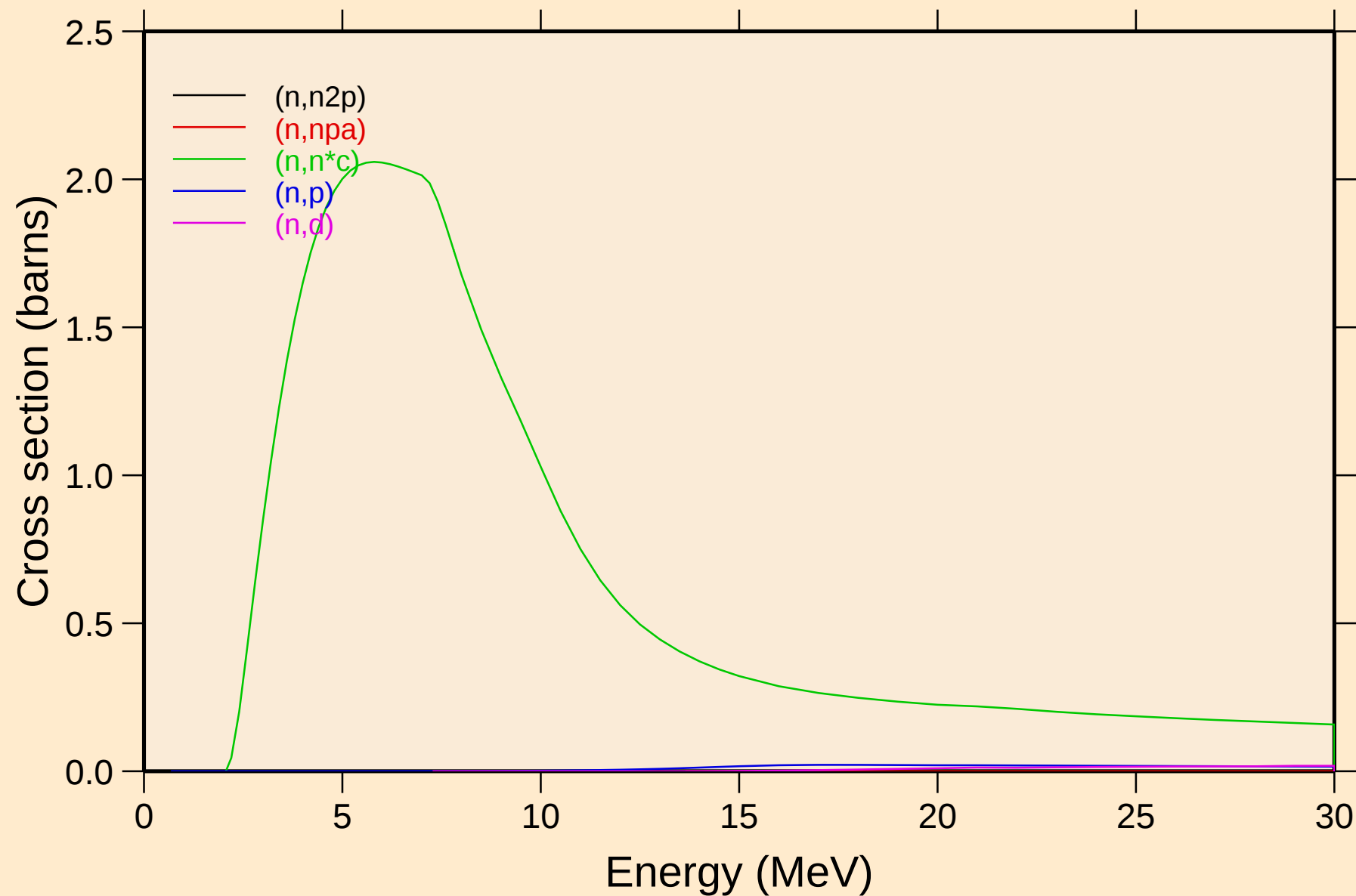


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

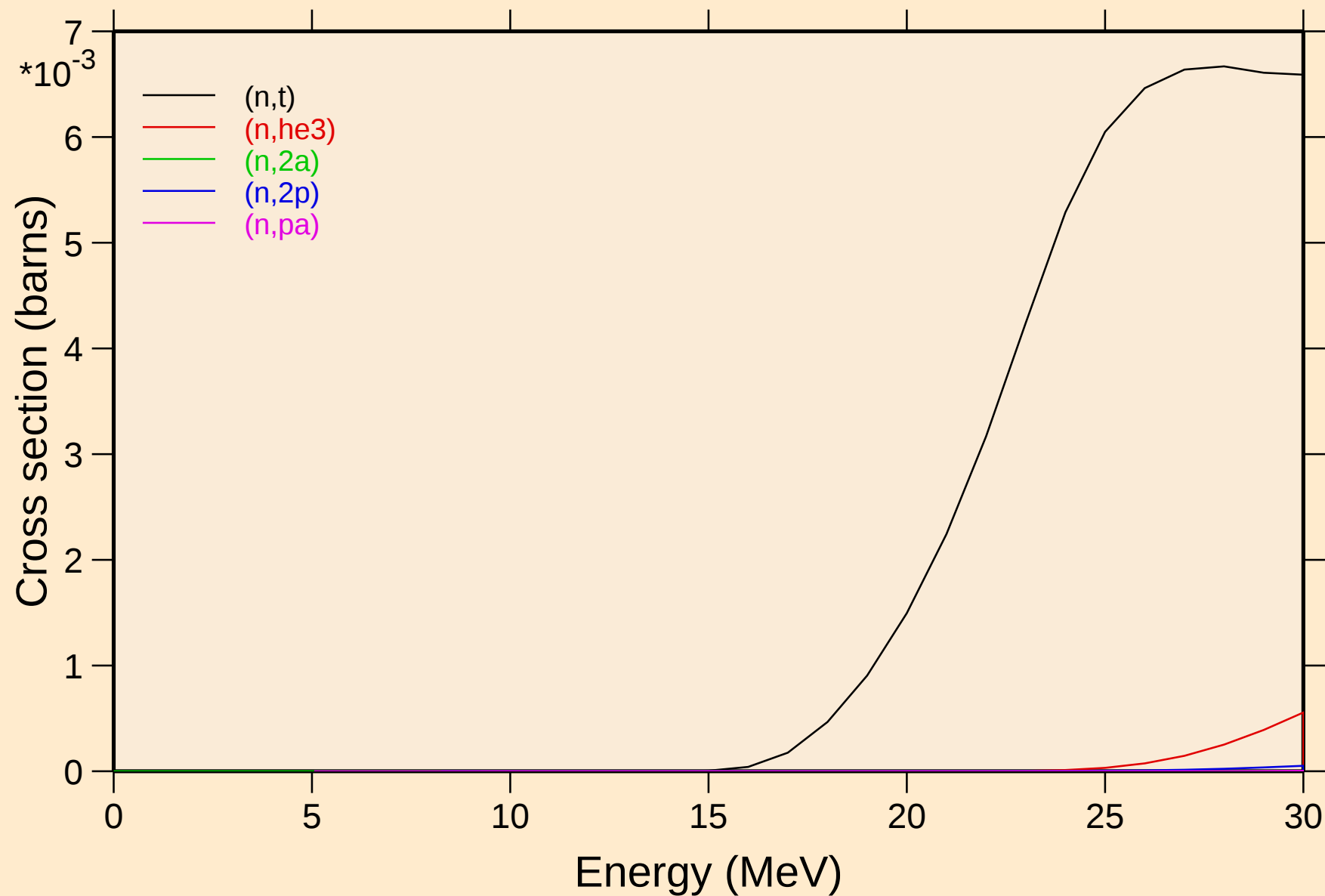


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

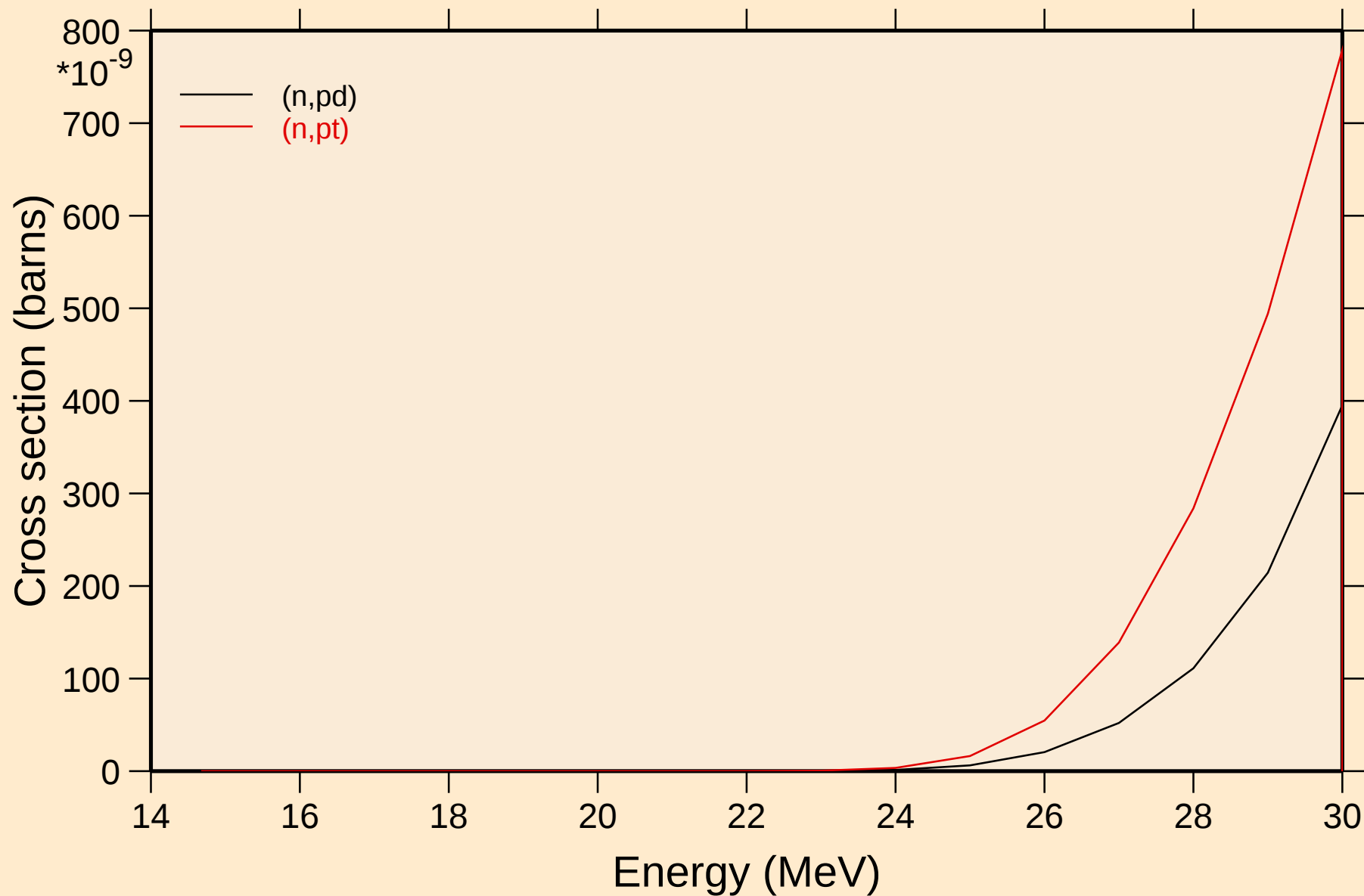


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

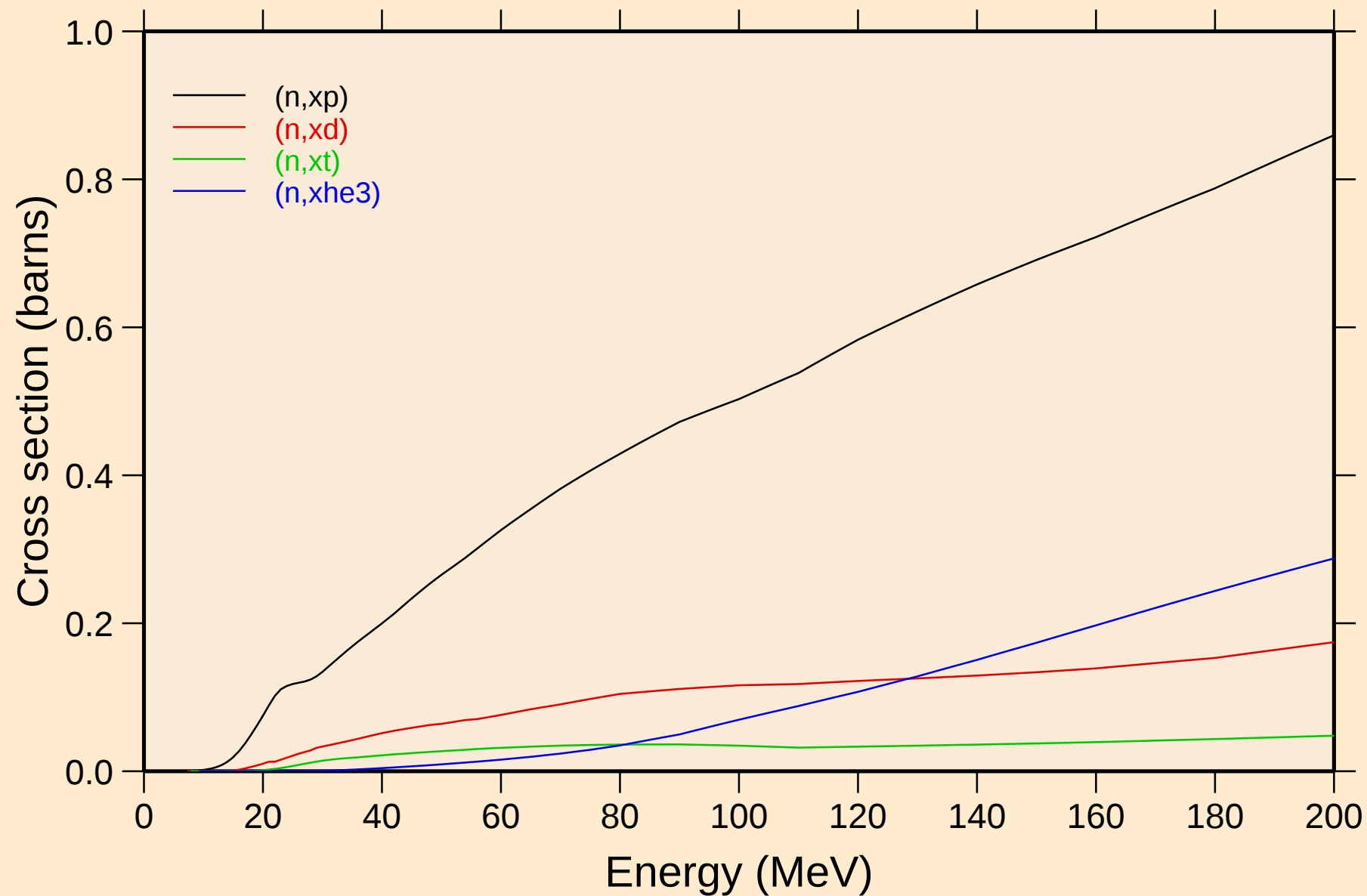


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

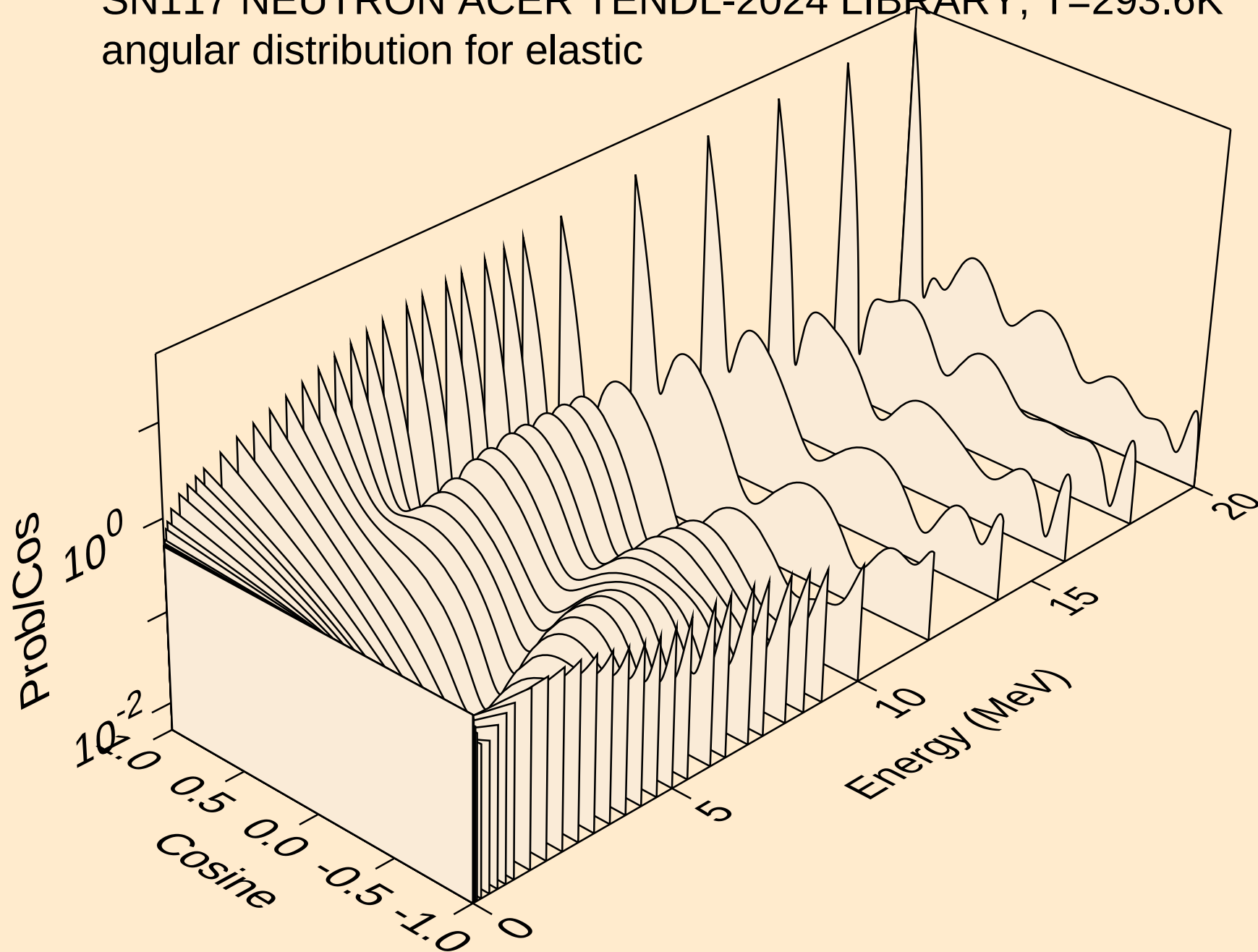


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

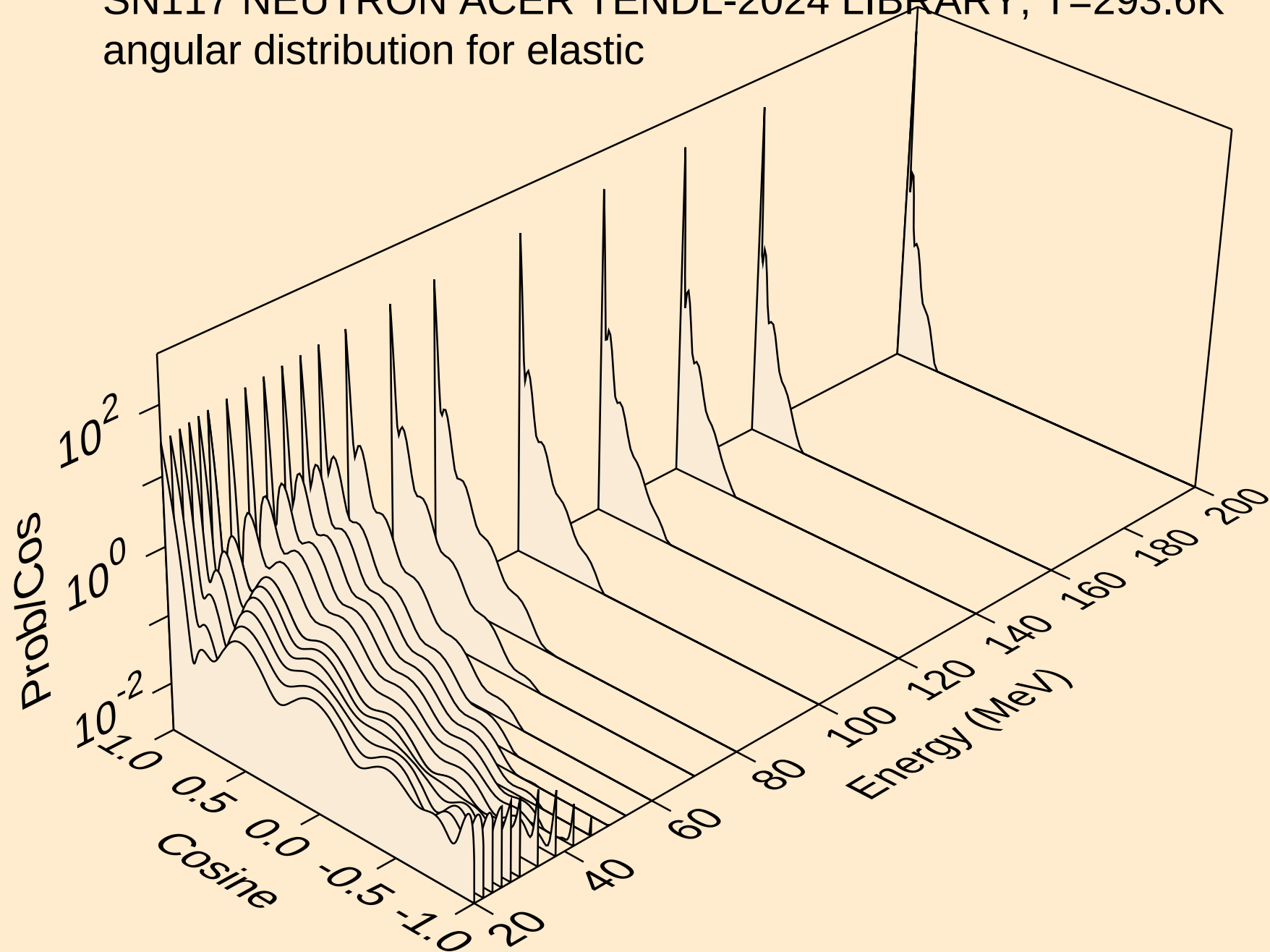
Threshold reactions



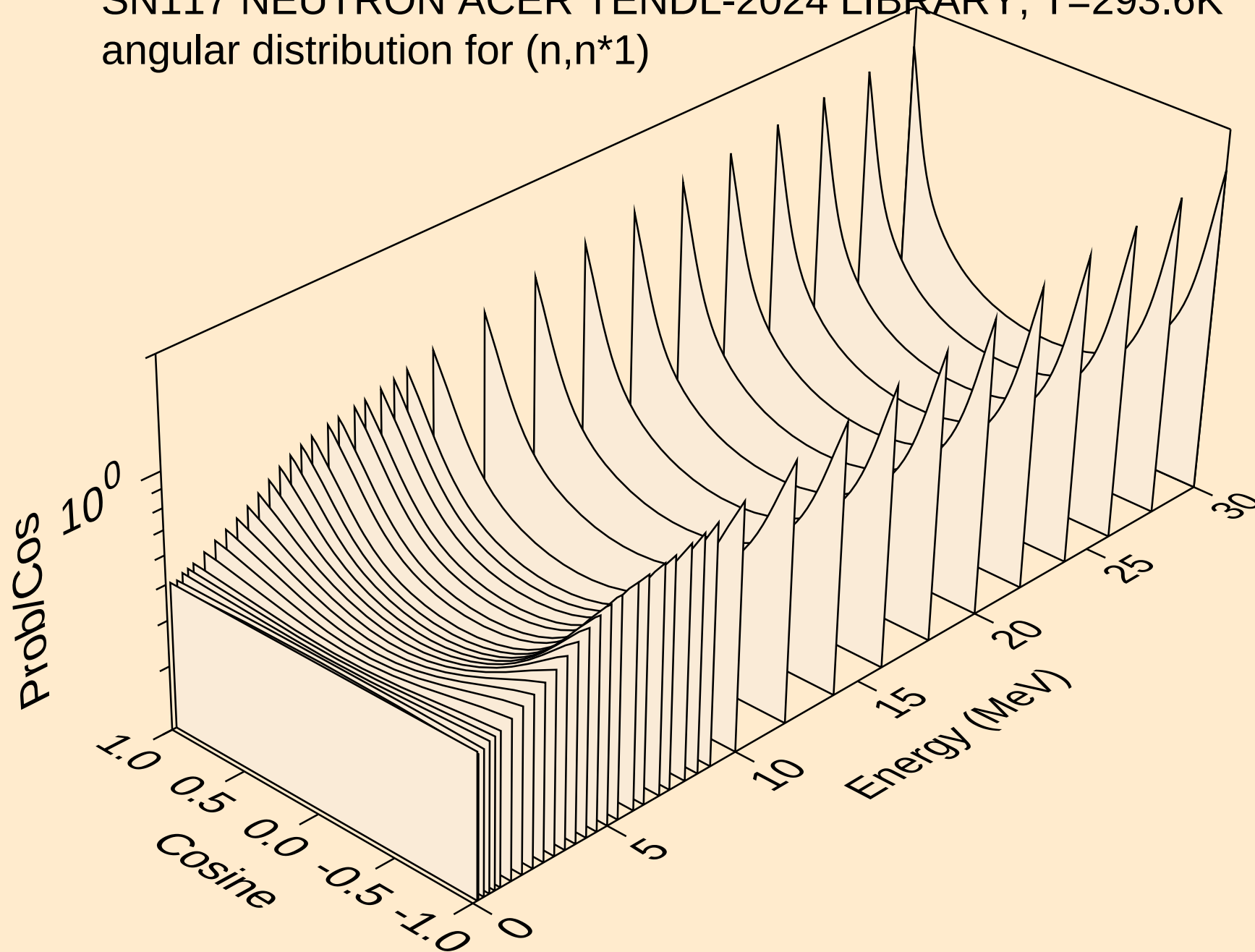
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



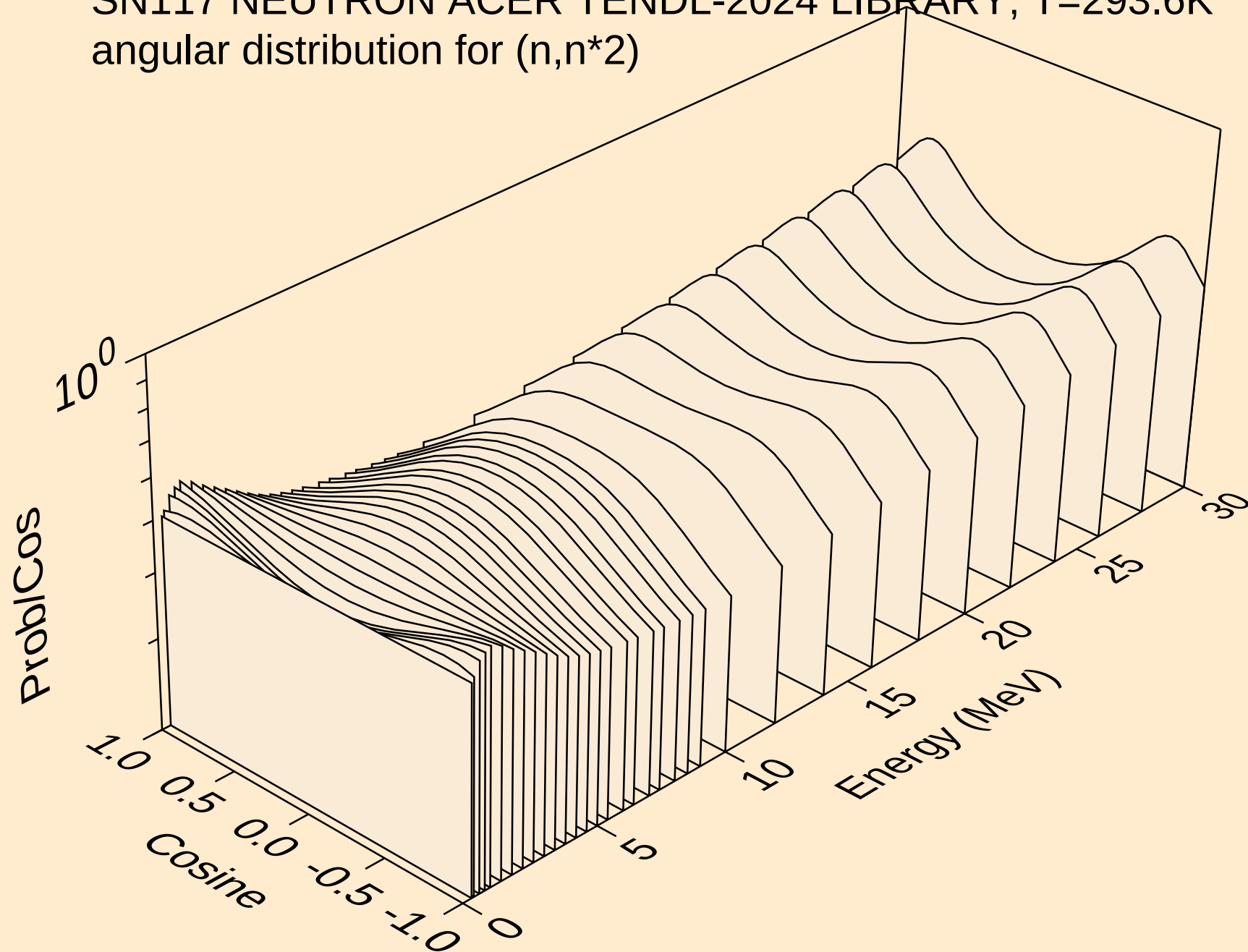
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



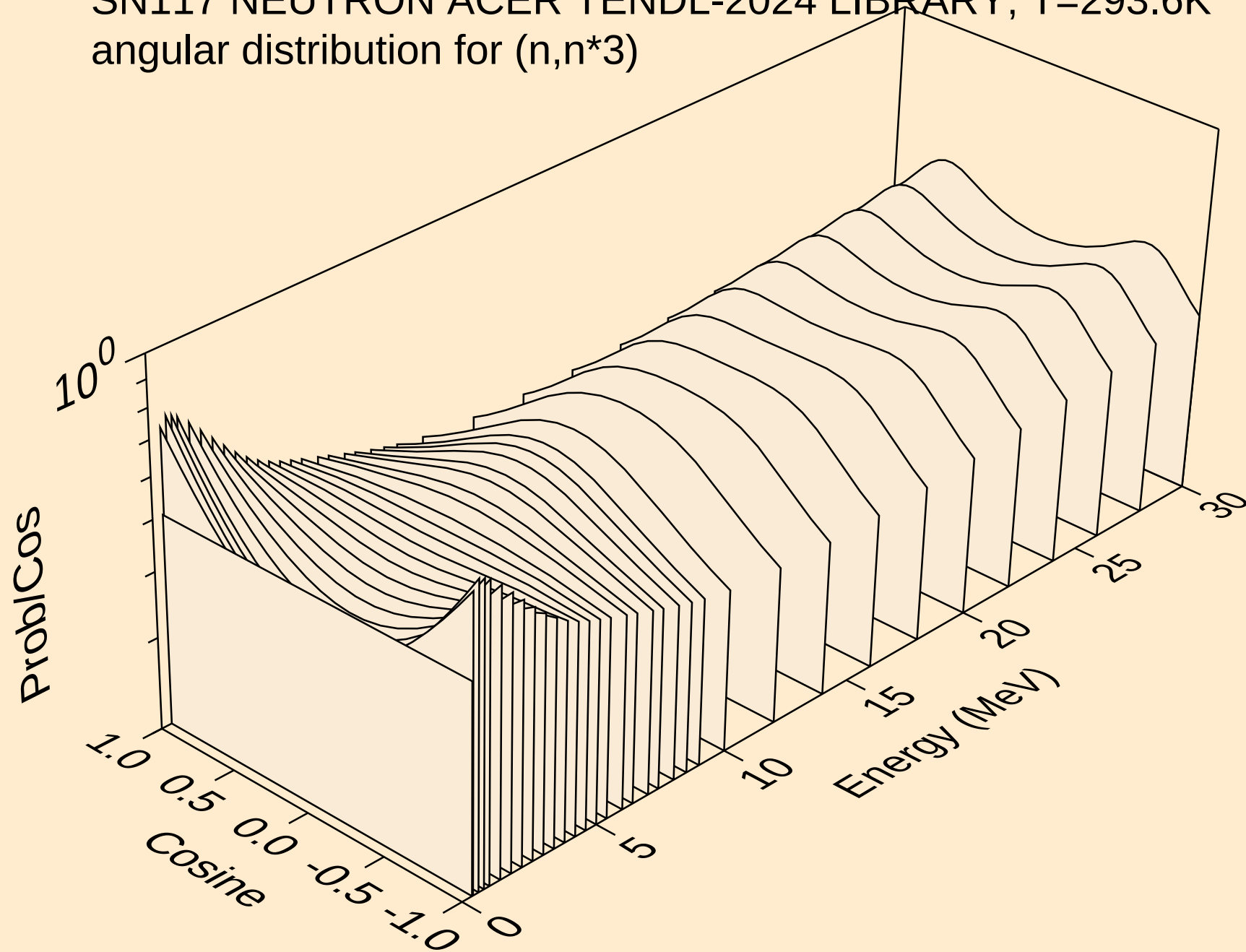
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



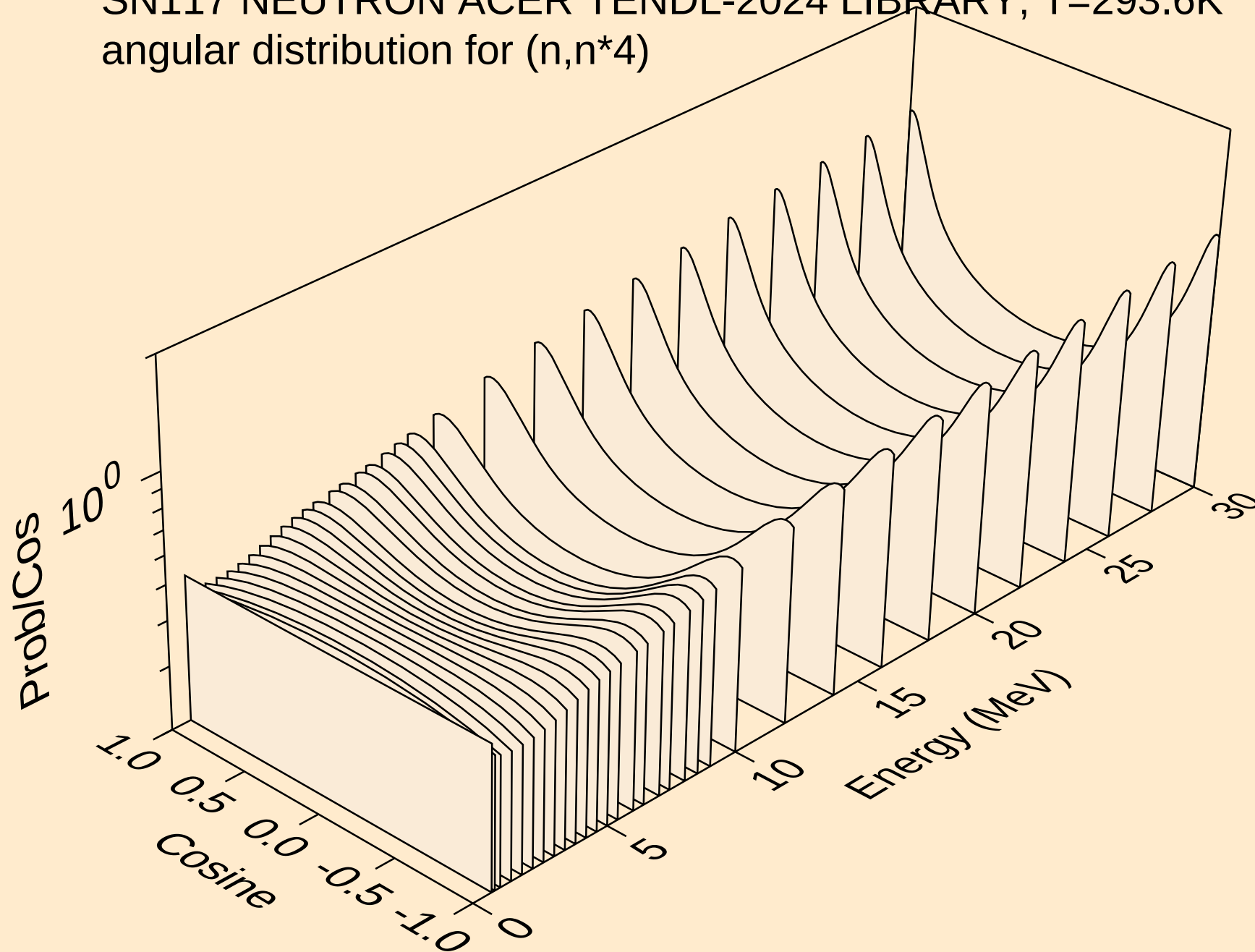
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



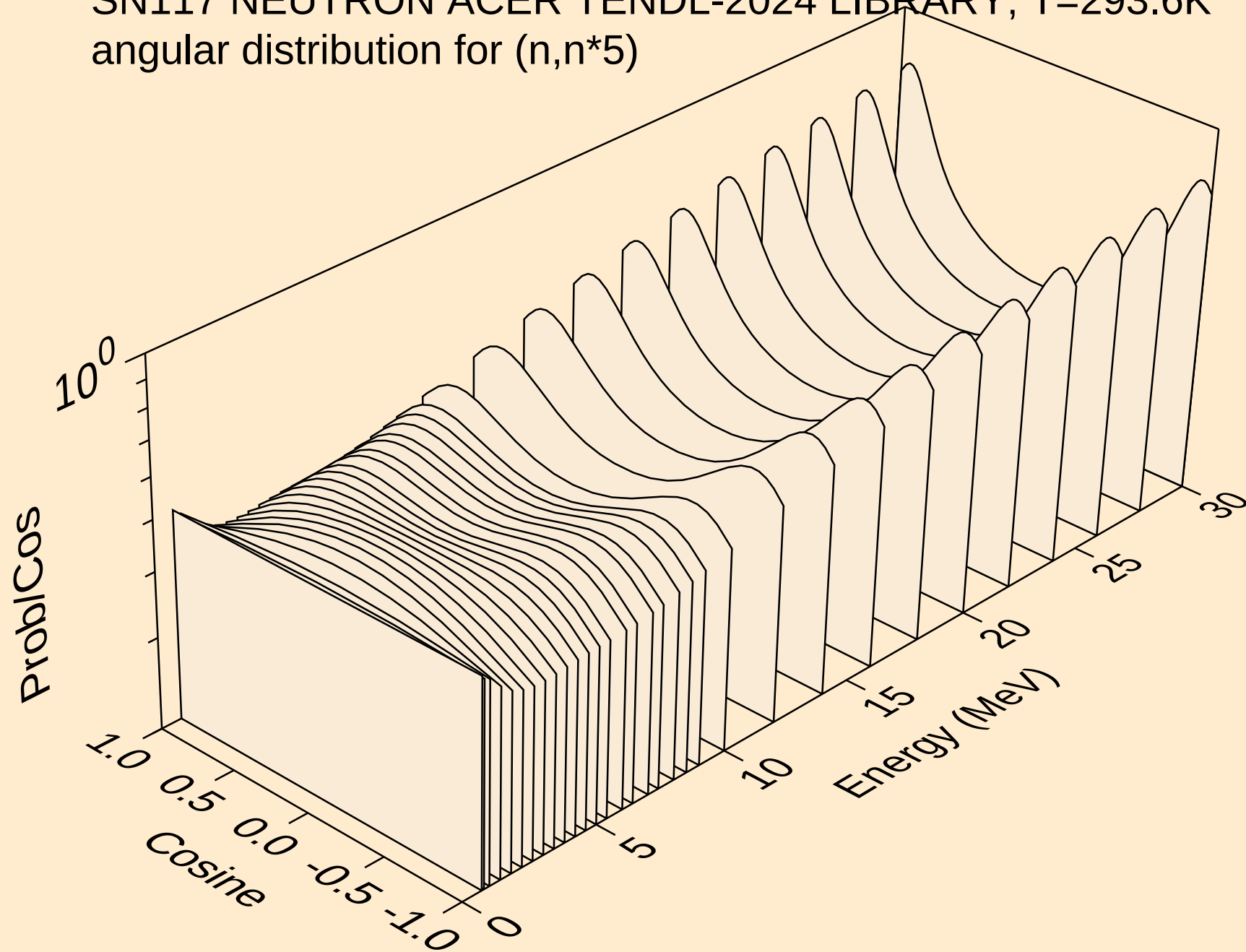
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



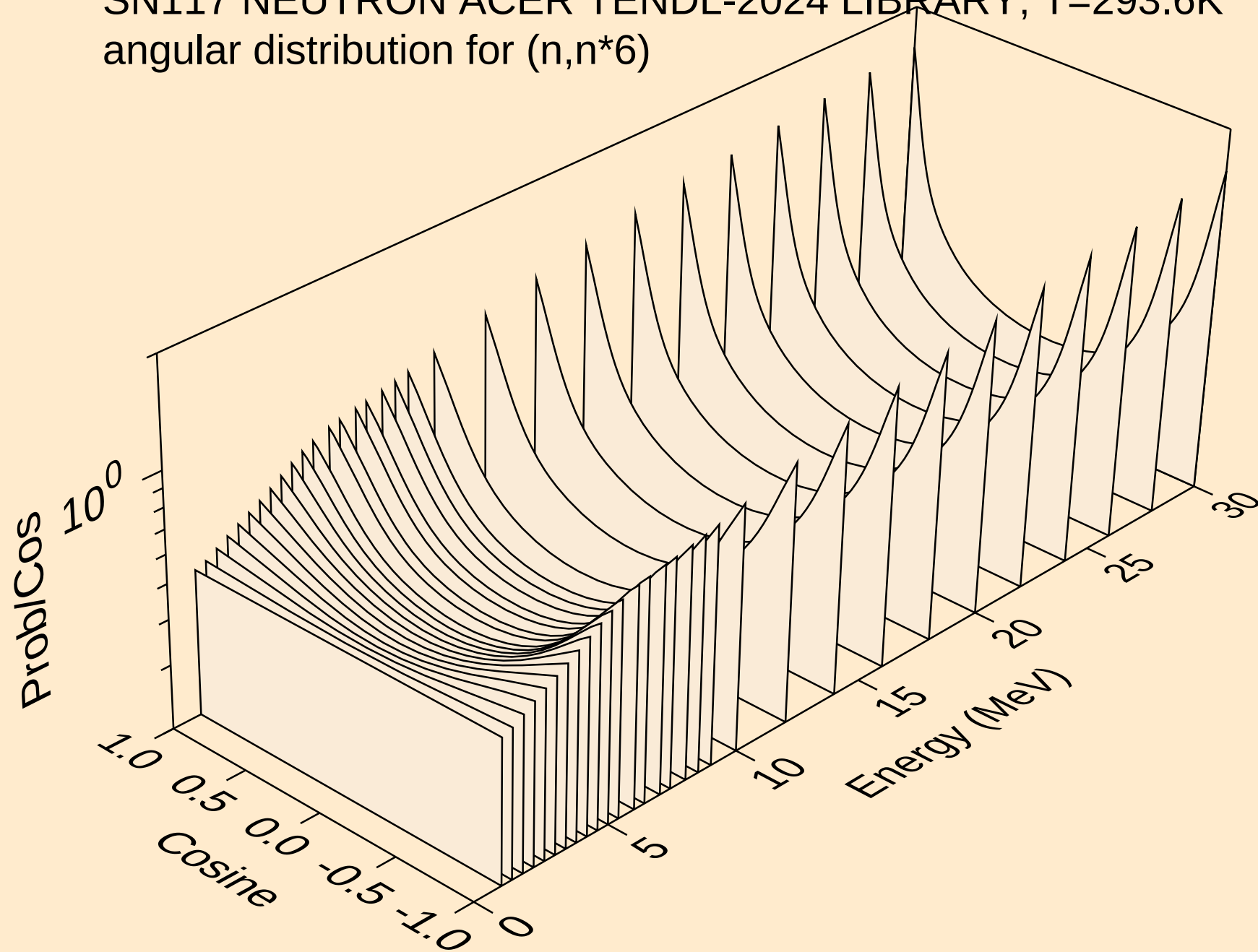
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



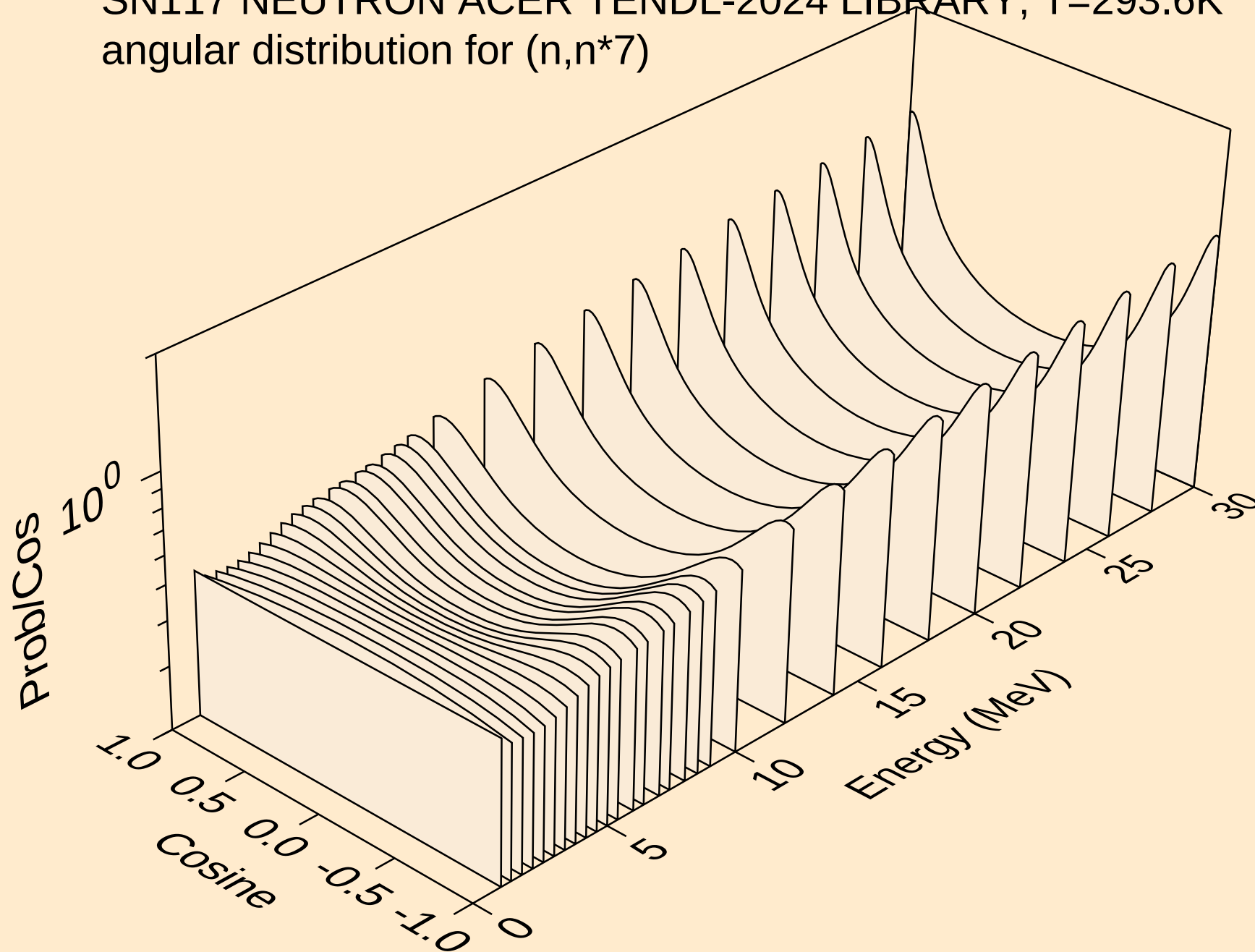
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



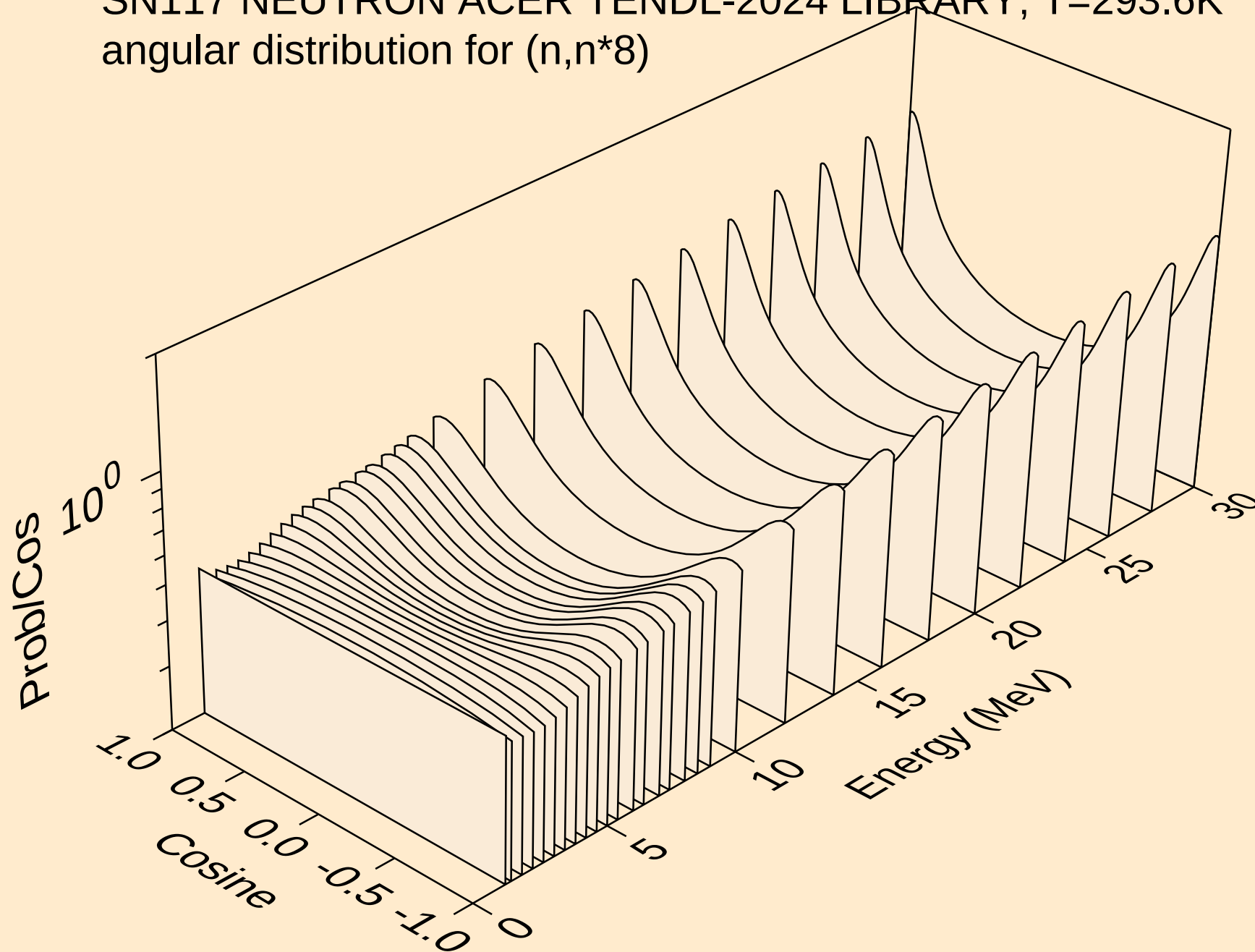
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



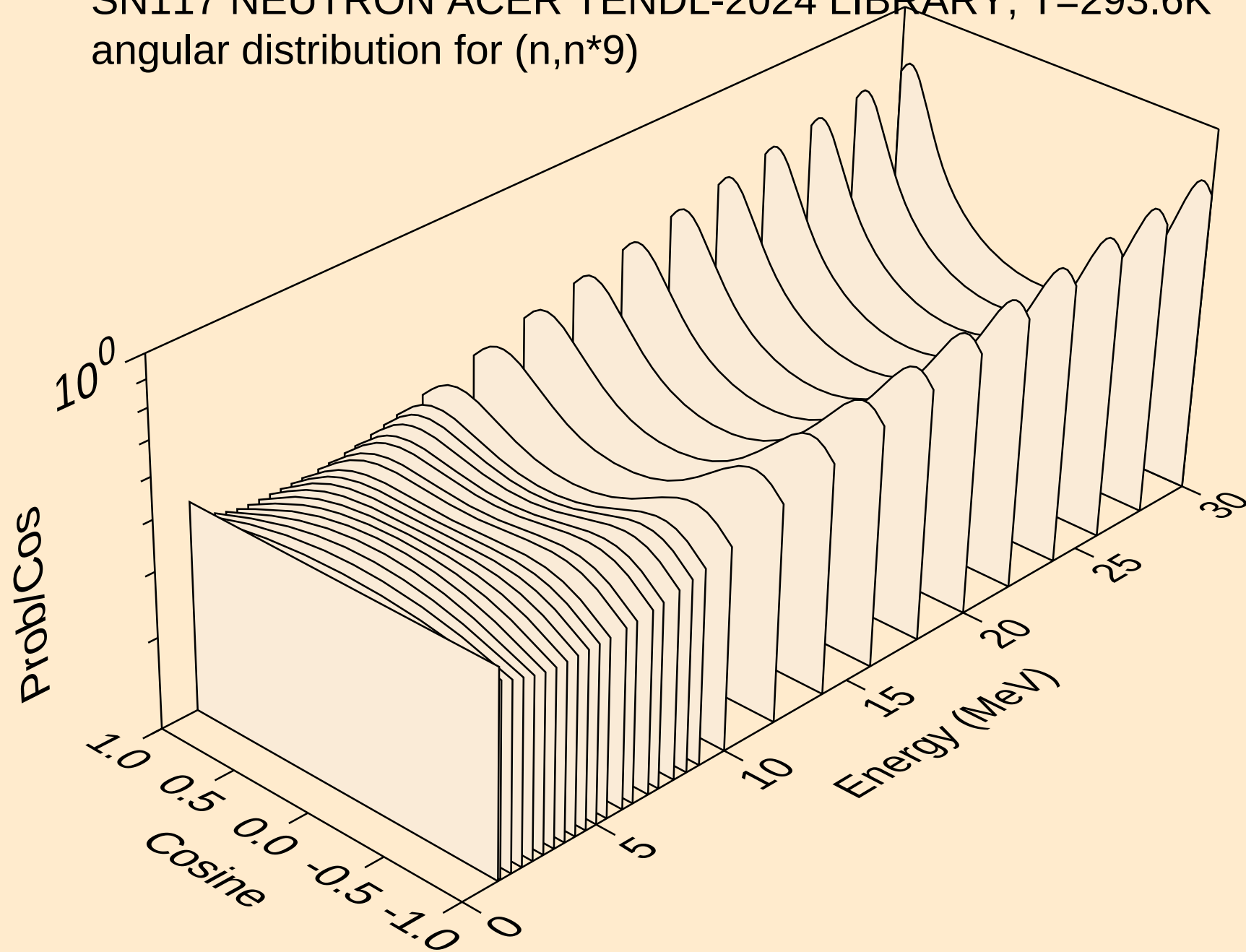
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



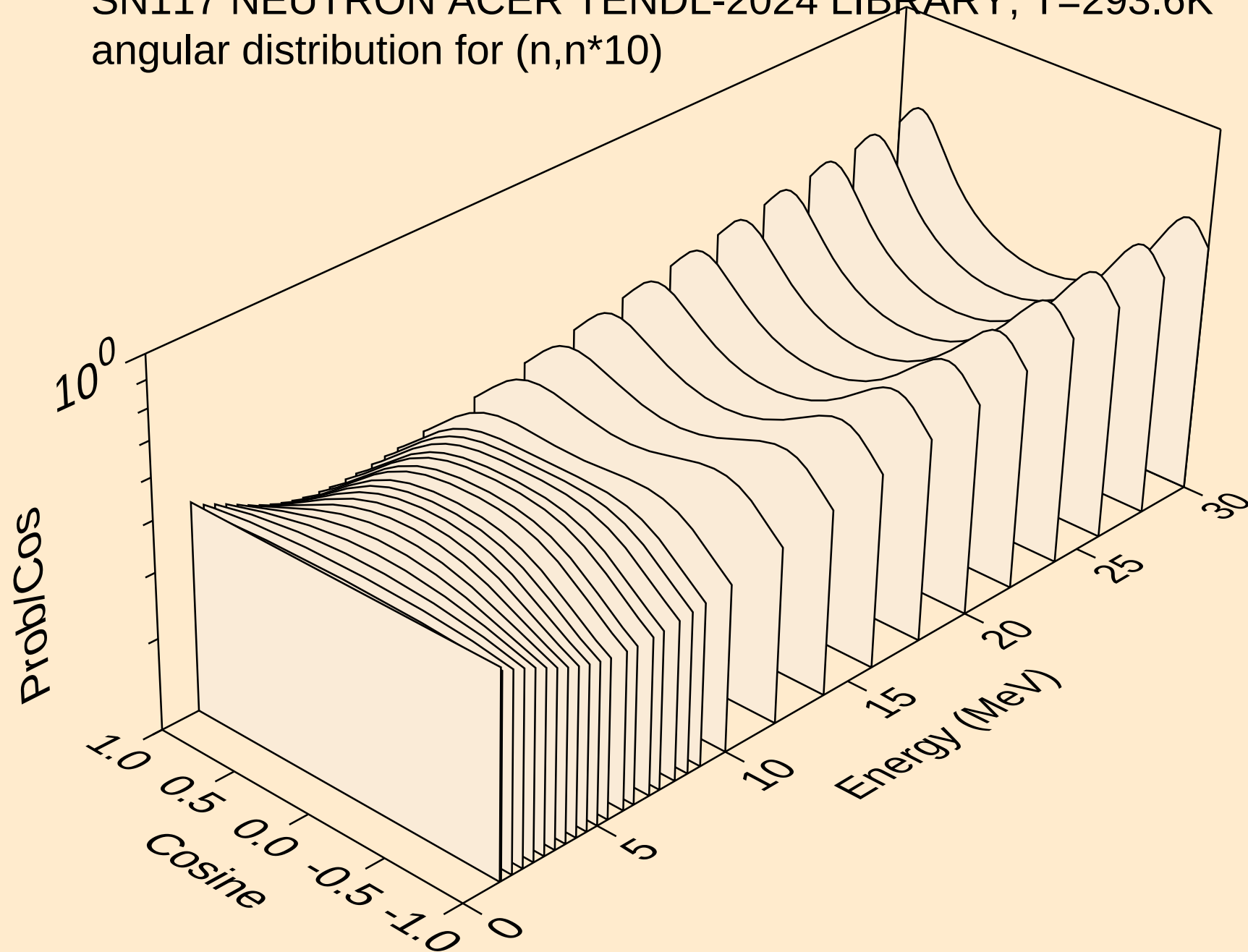
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



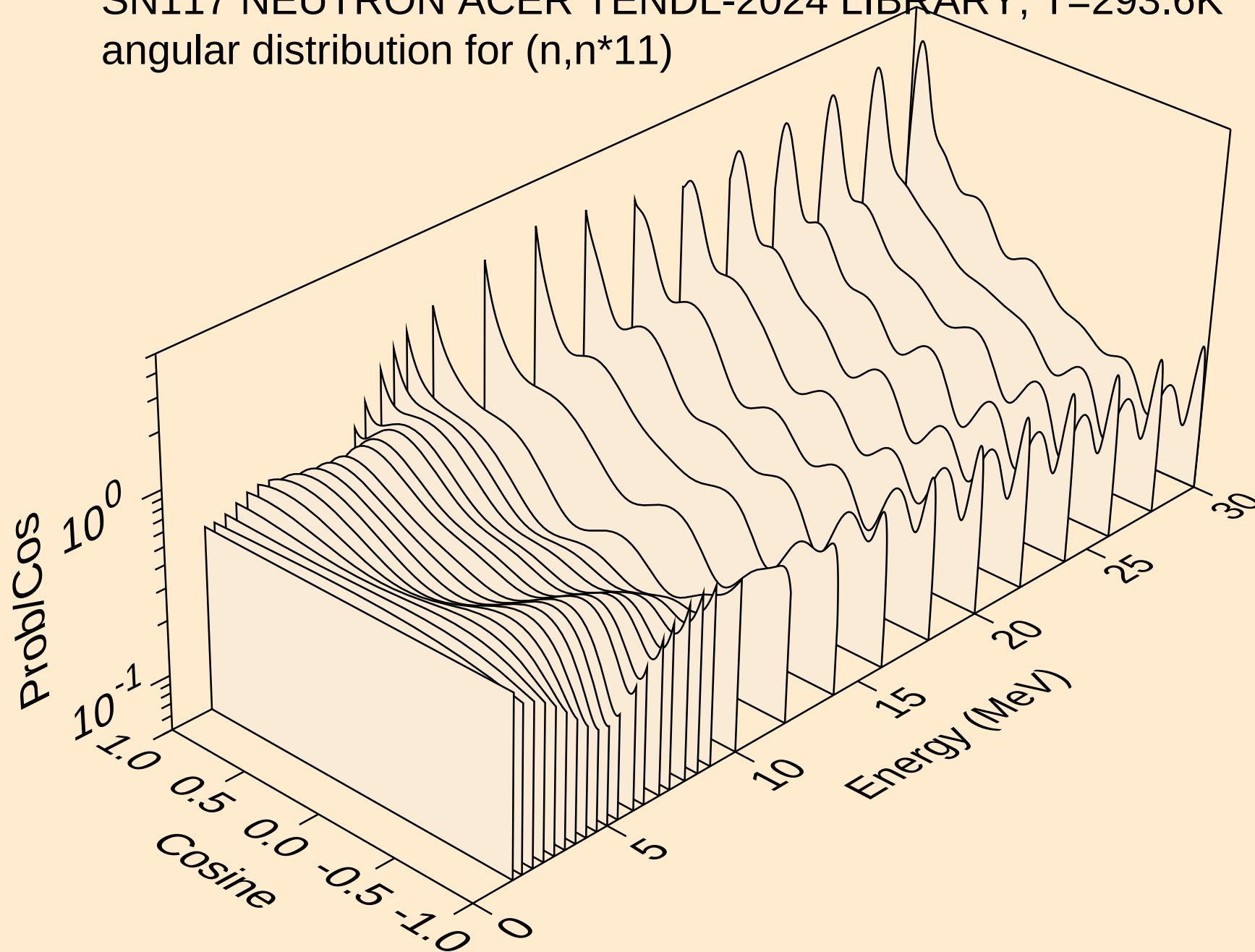
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



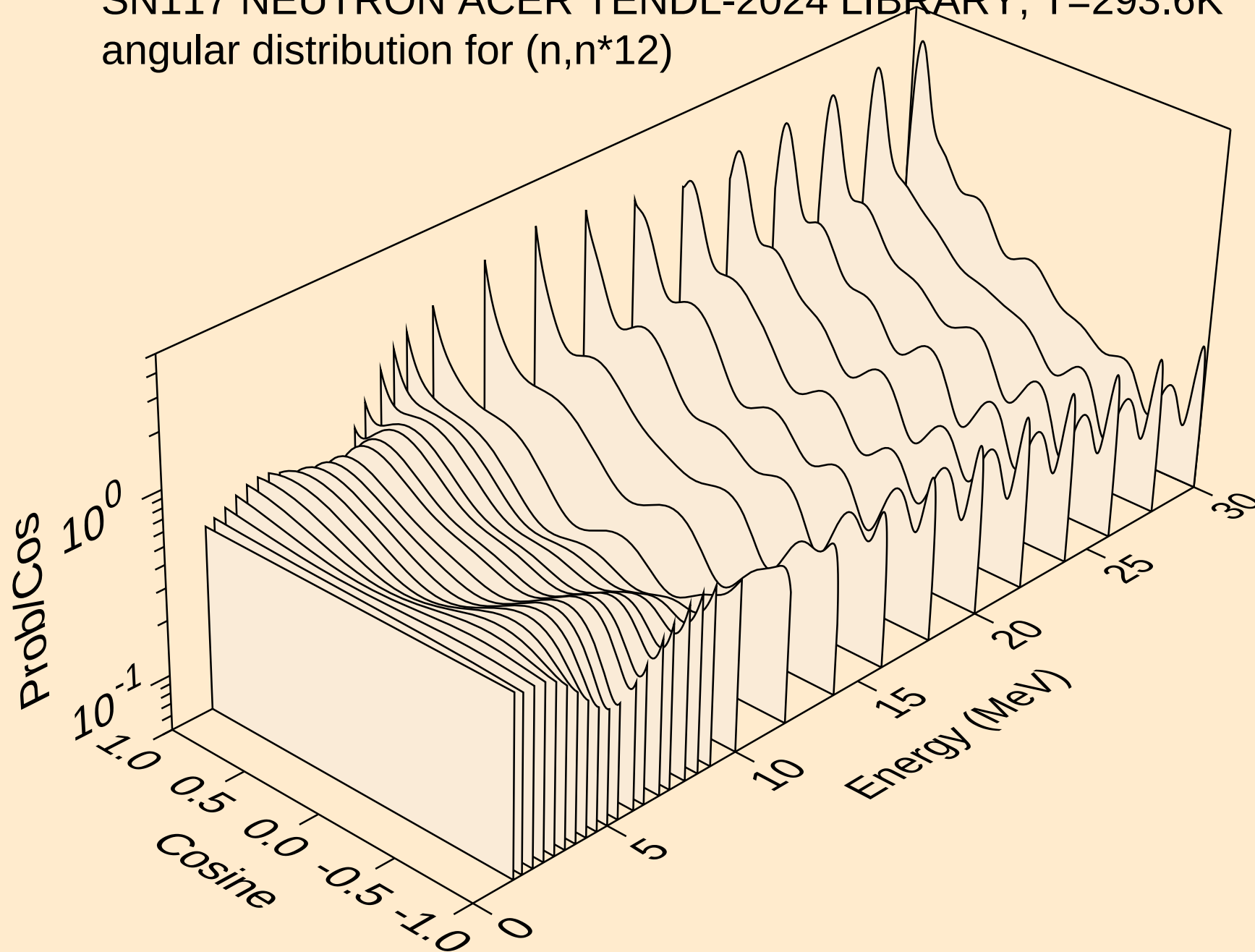
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



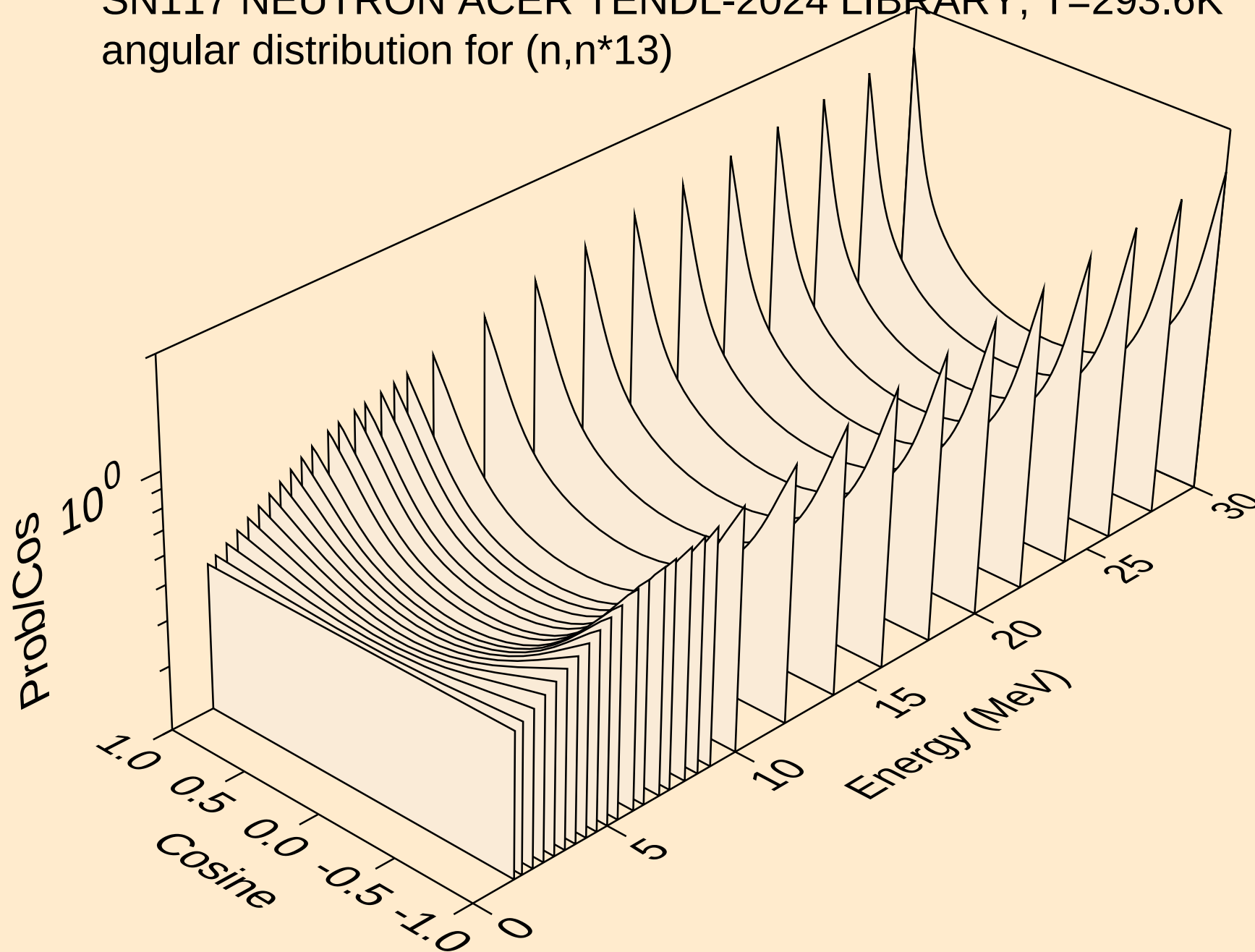
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



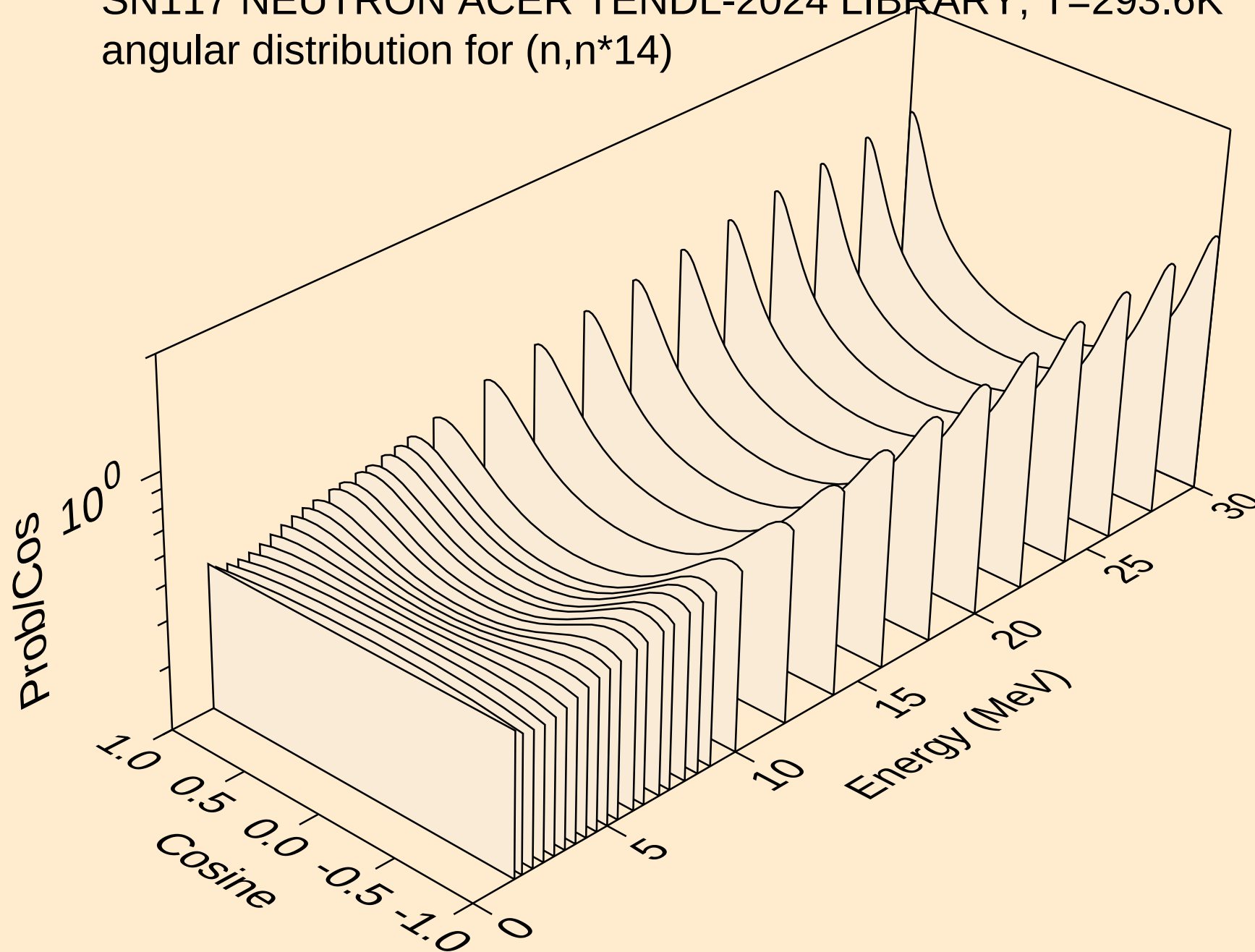
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



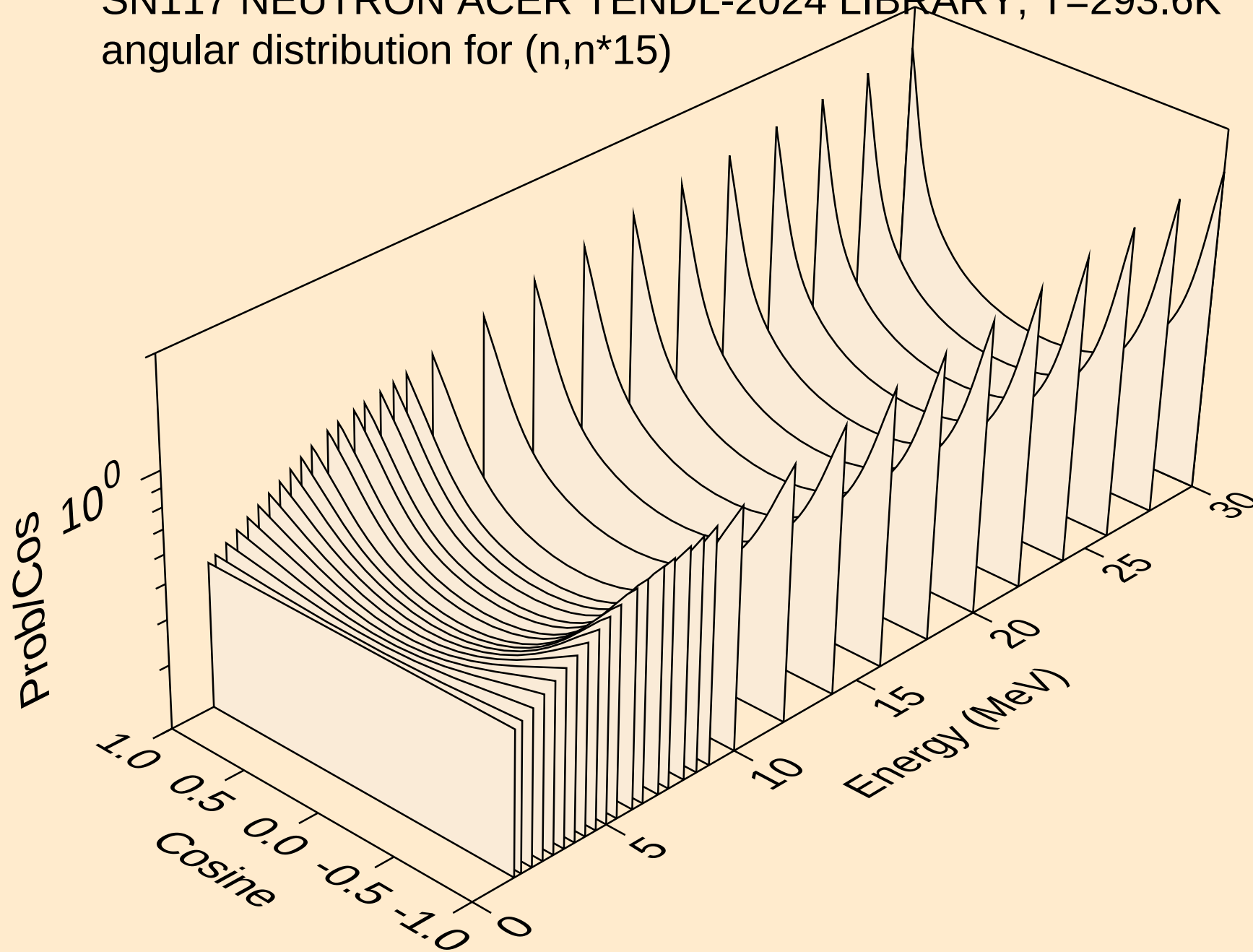
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



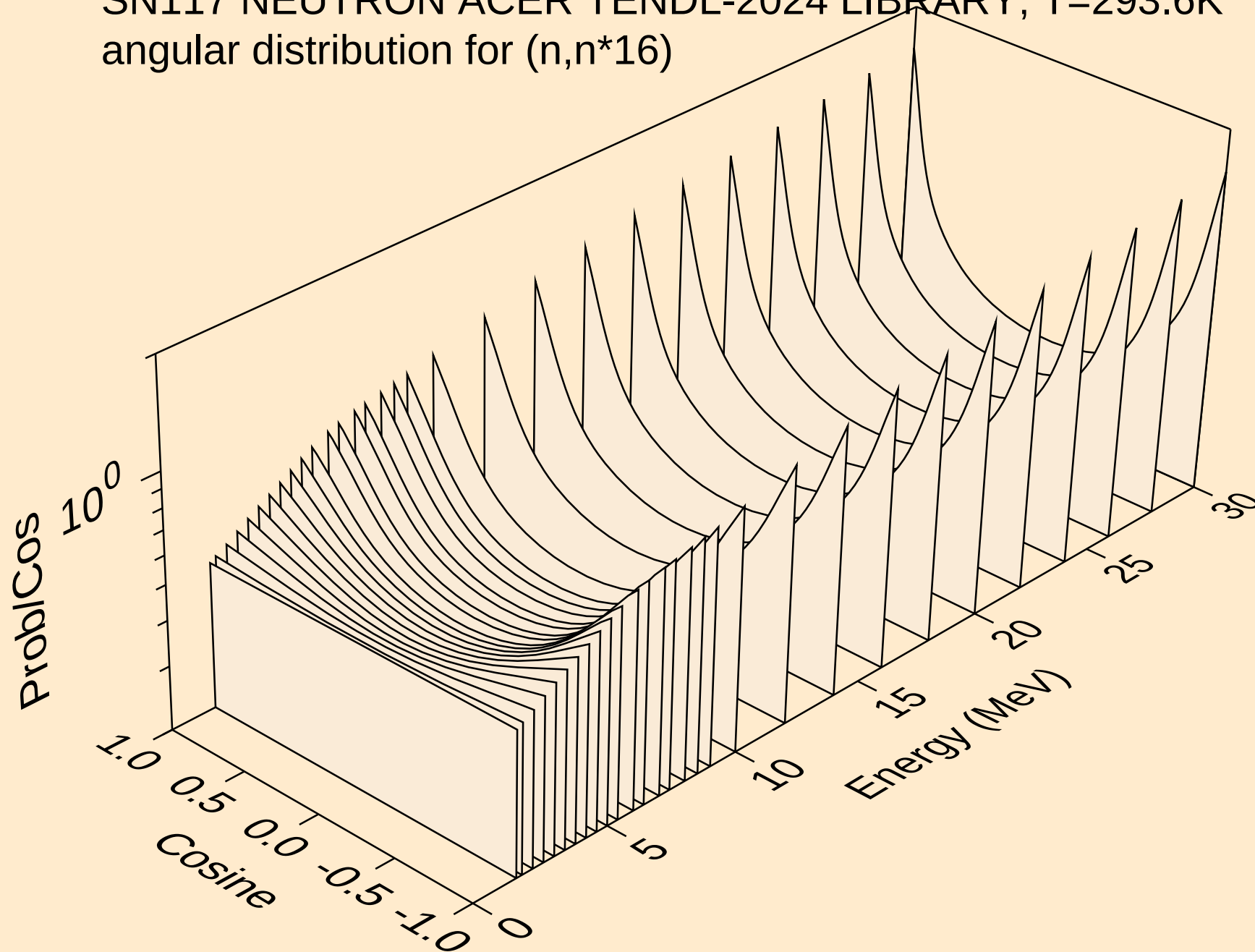
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



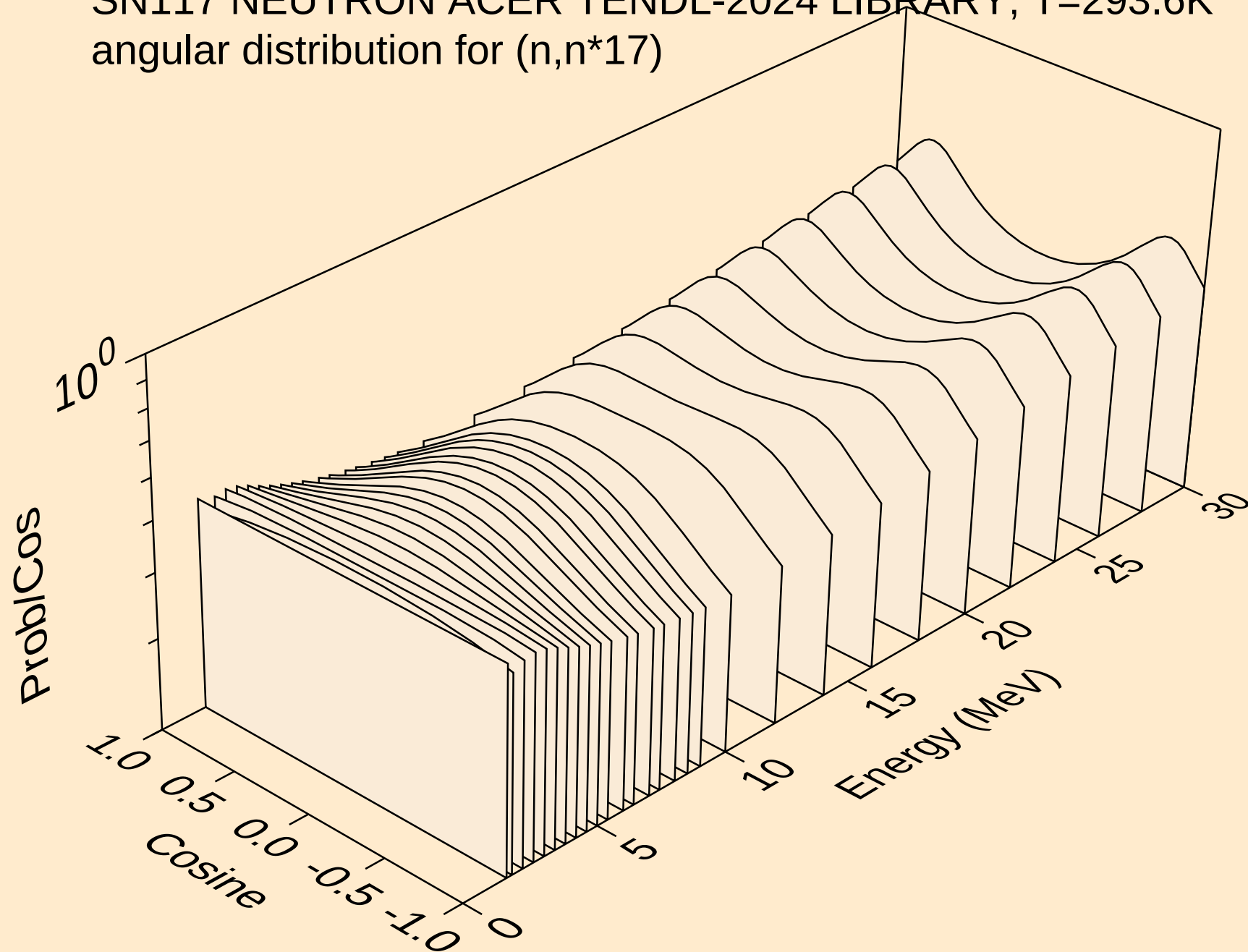
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



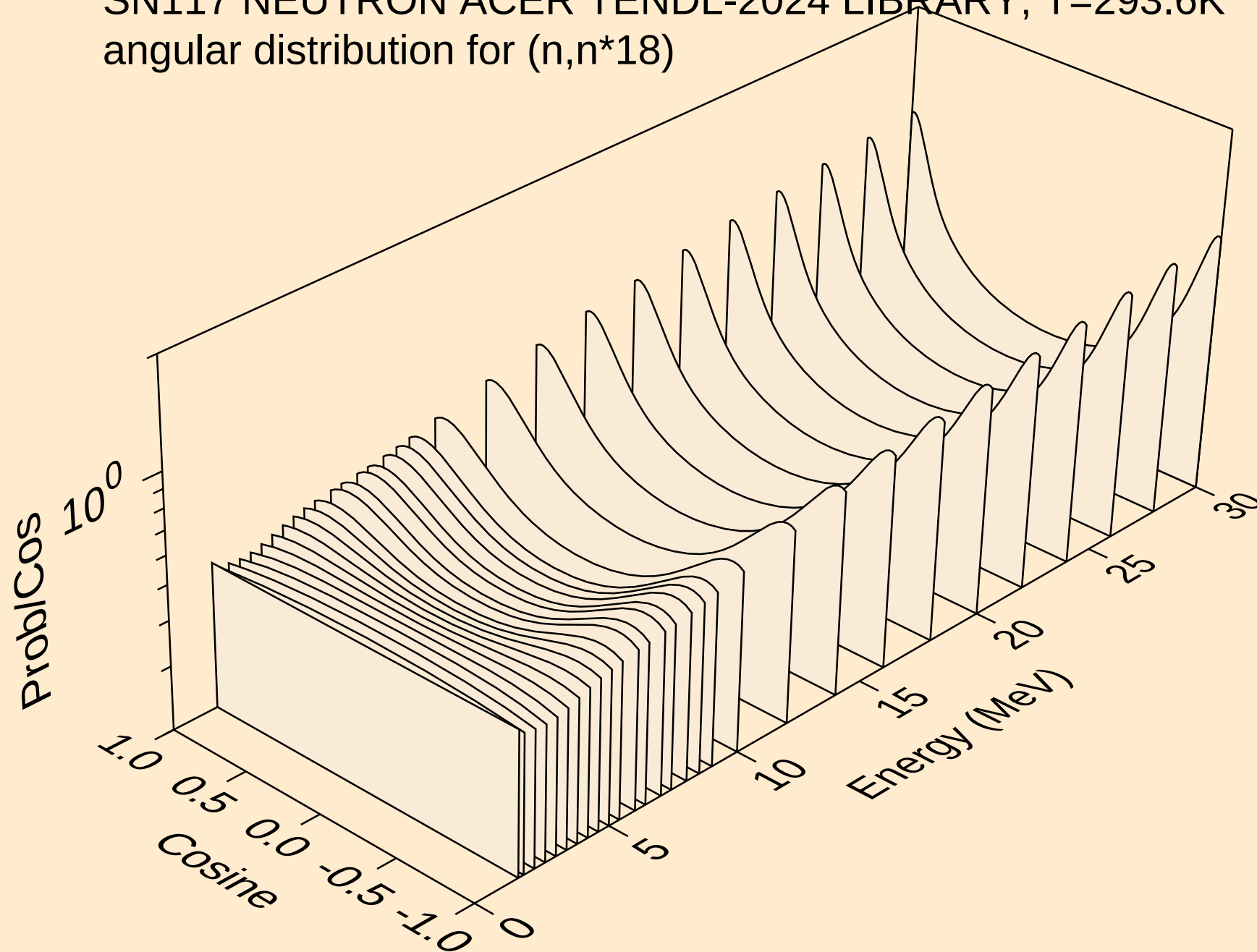
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



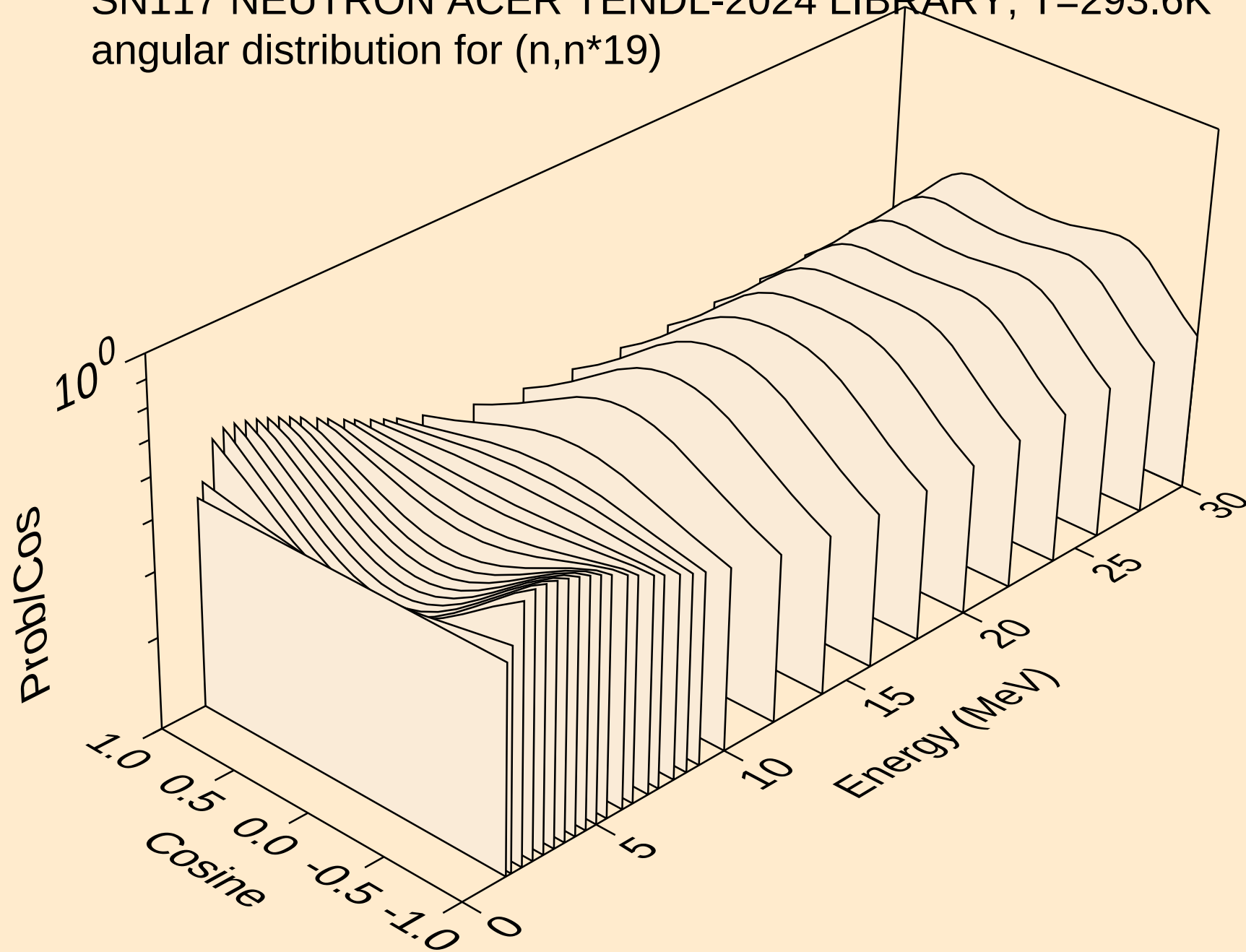
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



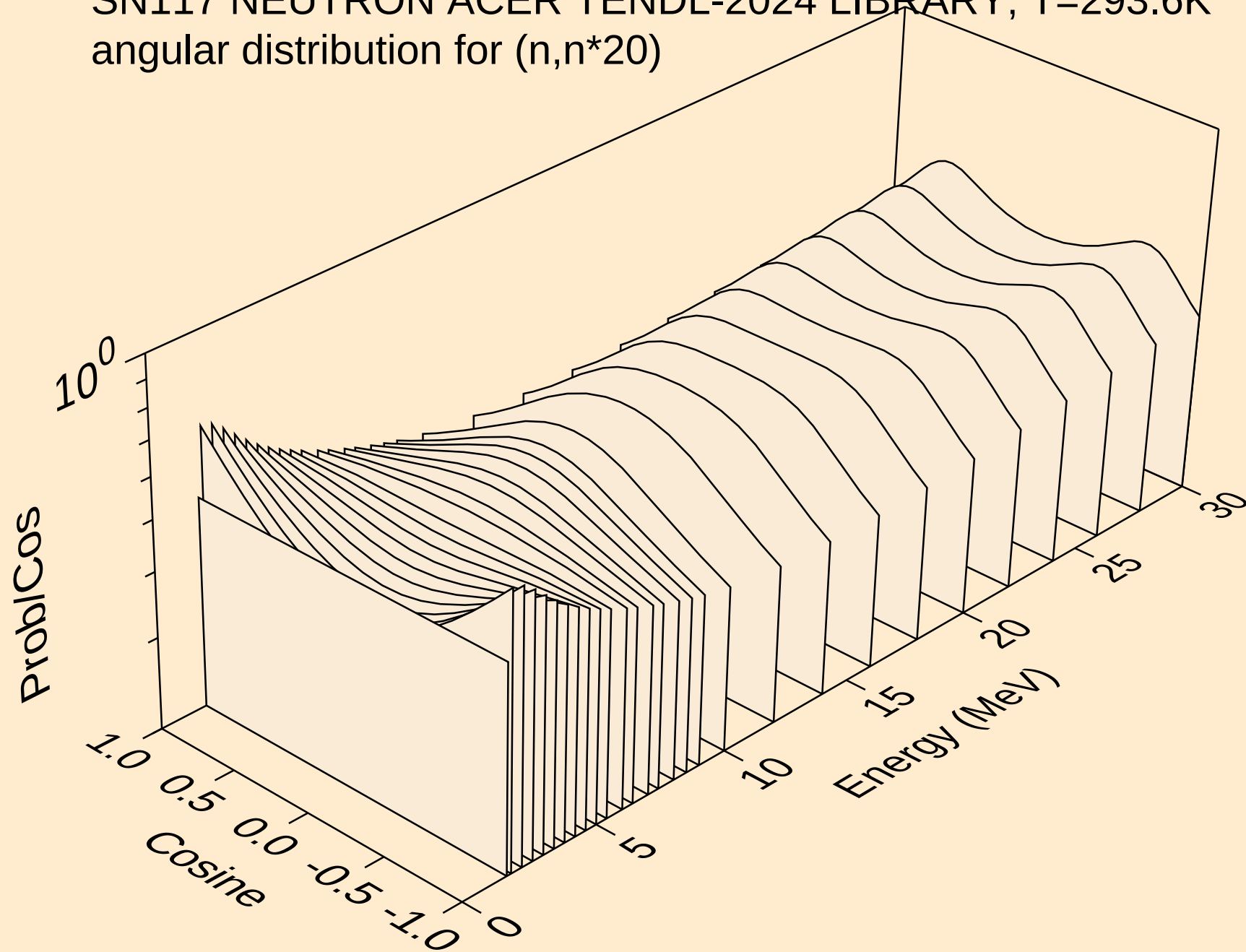
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



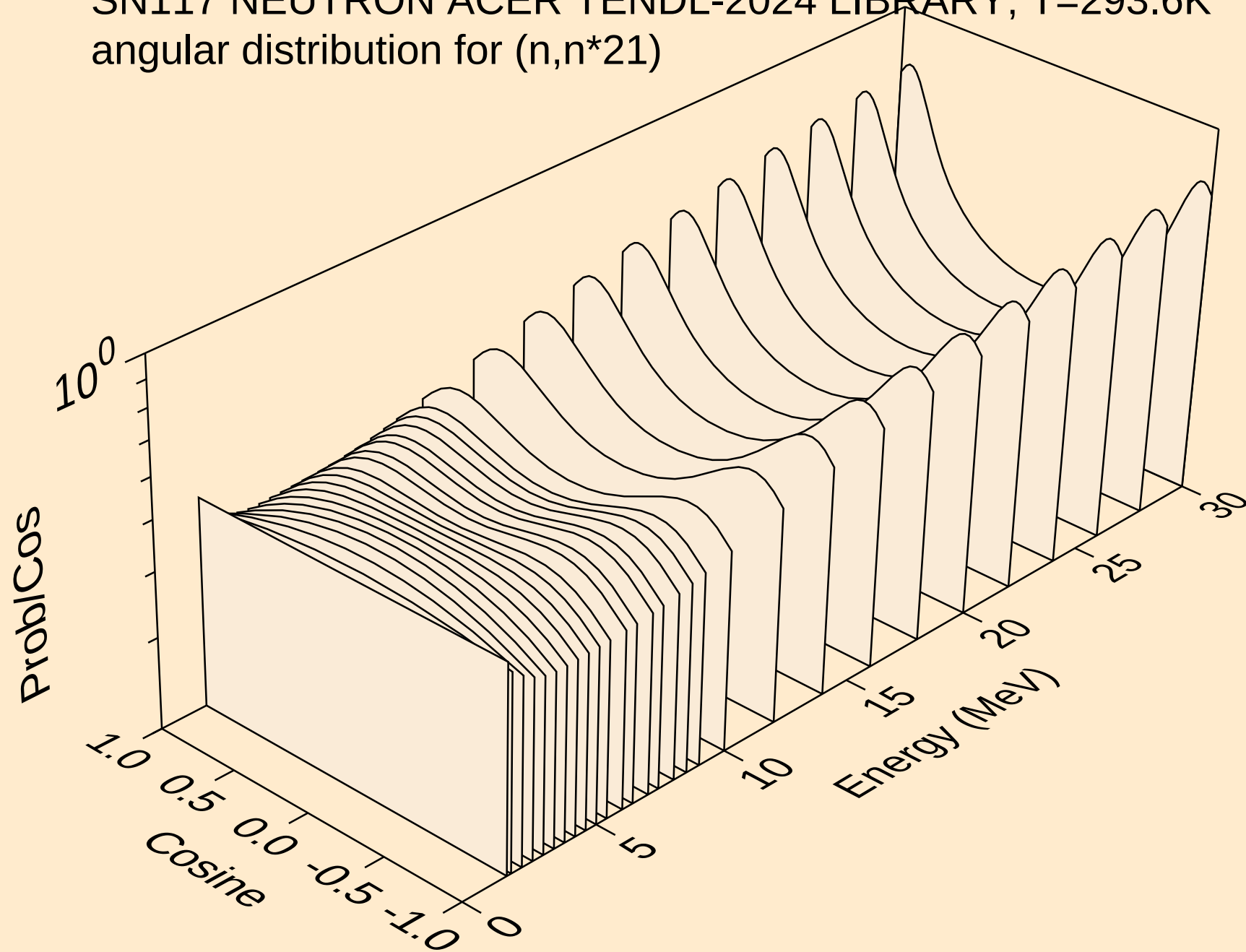
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



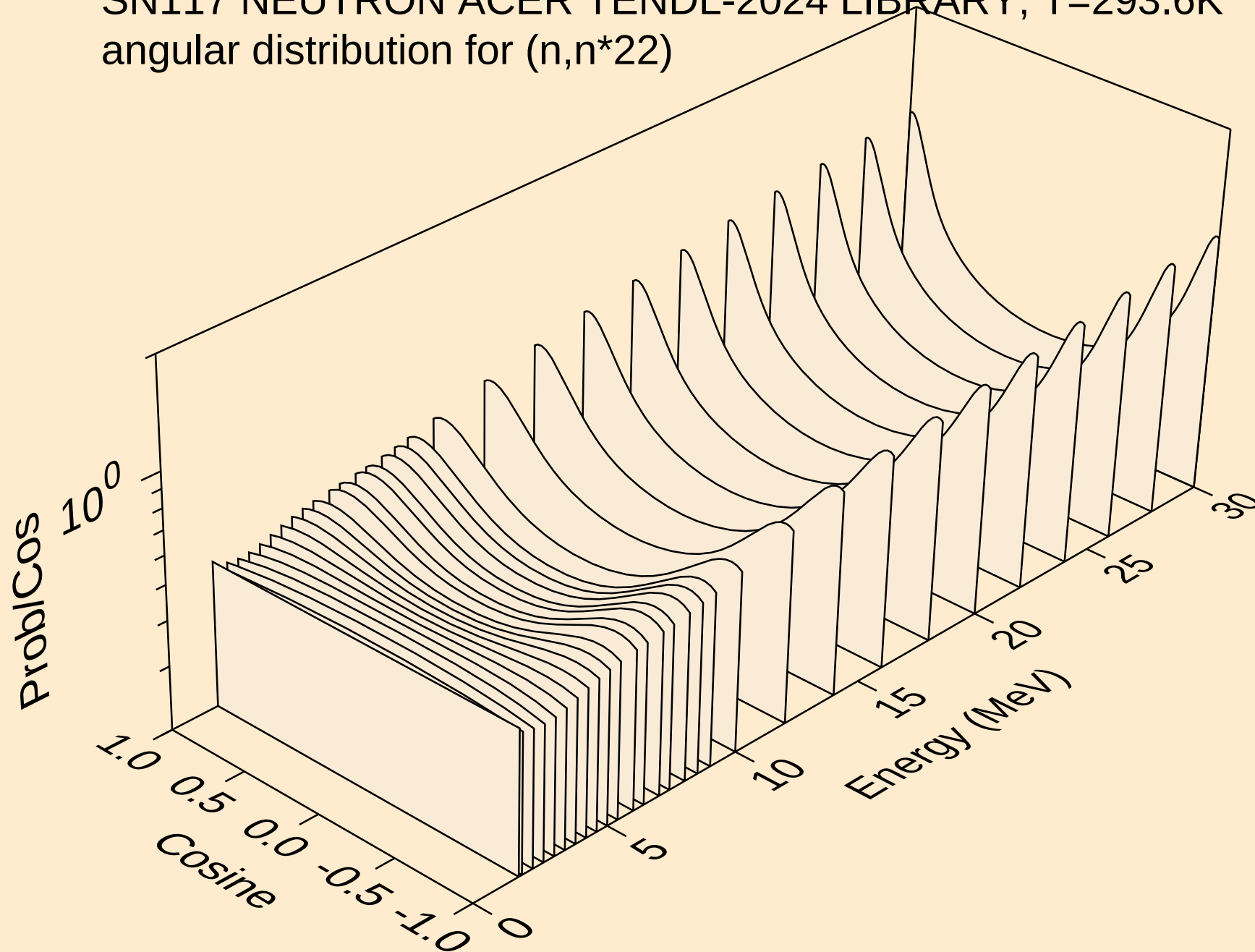
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



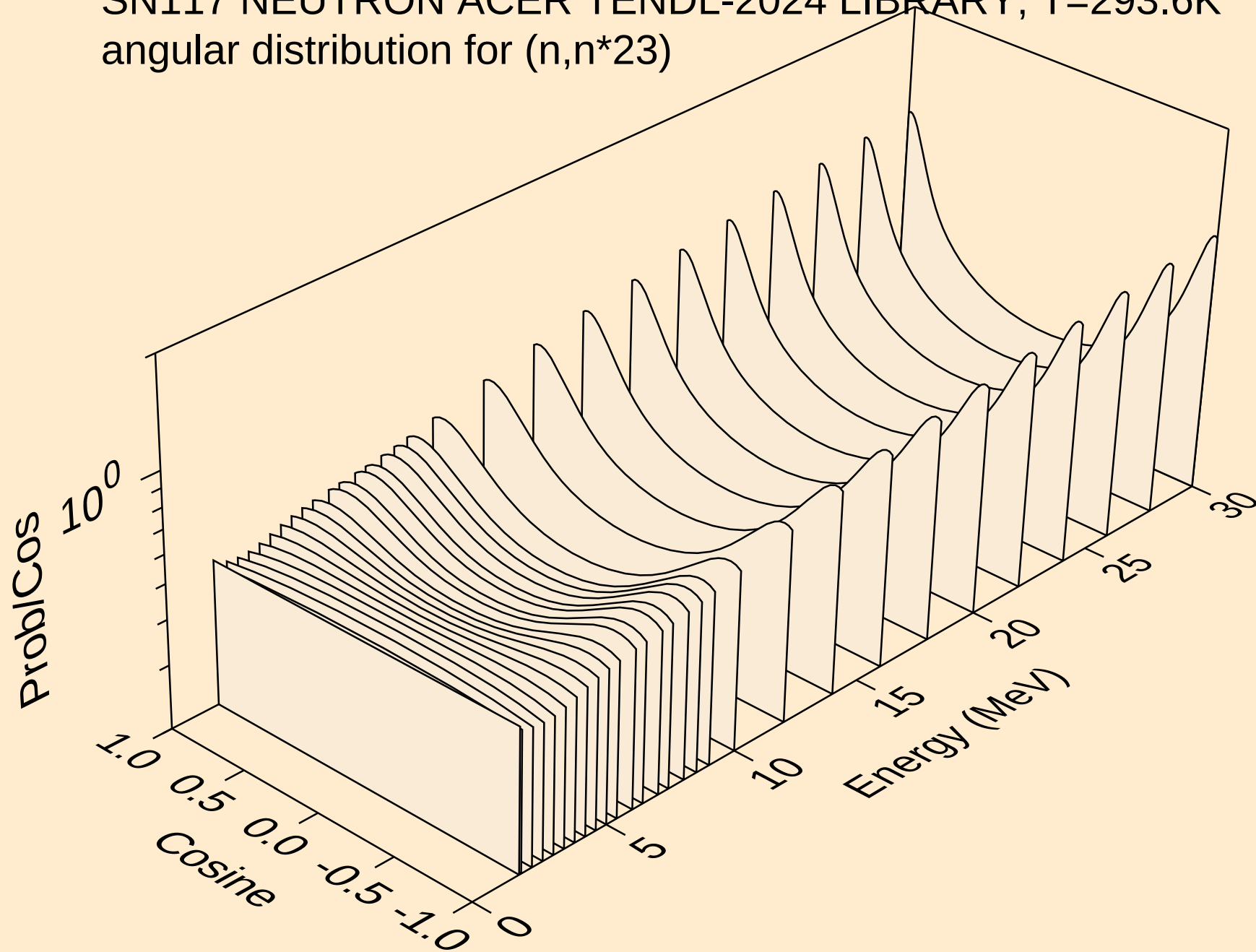
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



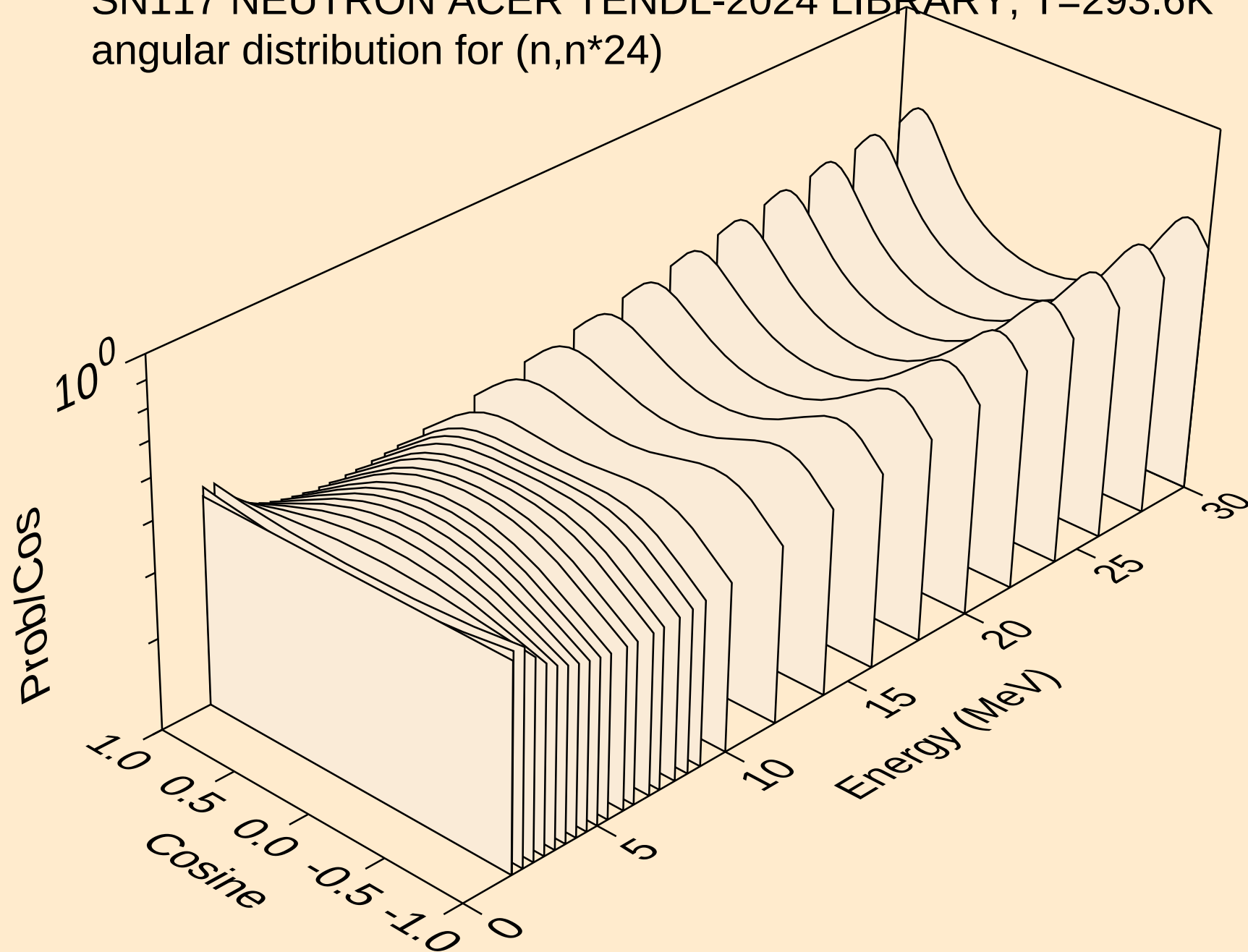
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



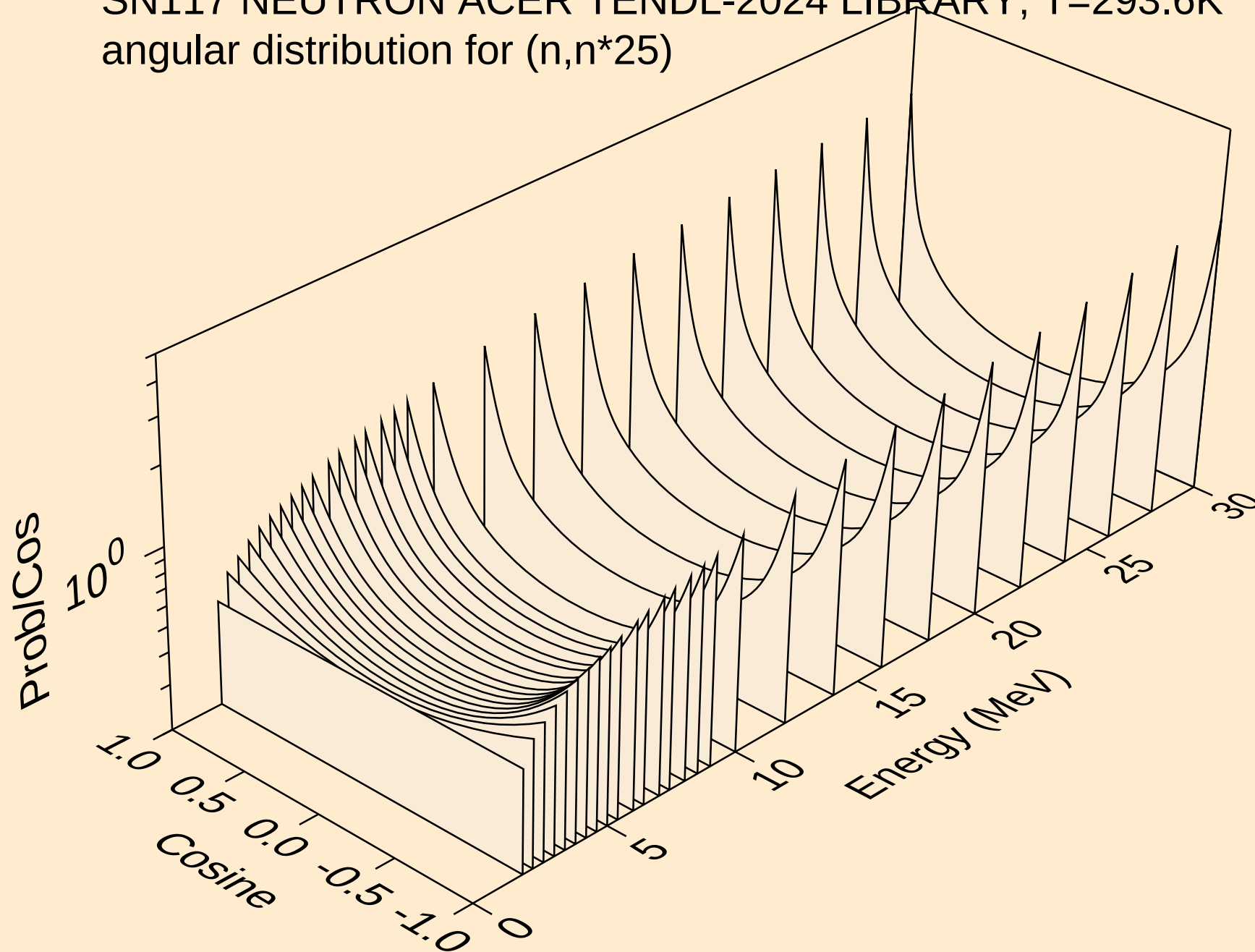
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



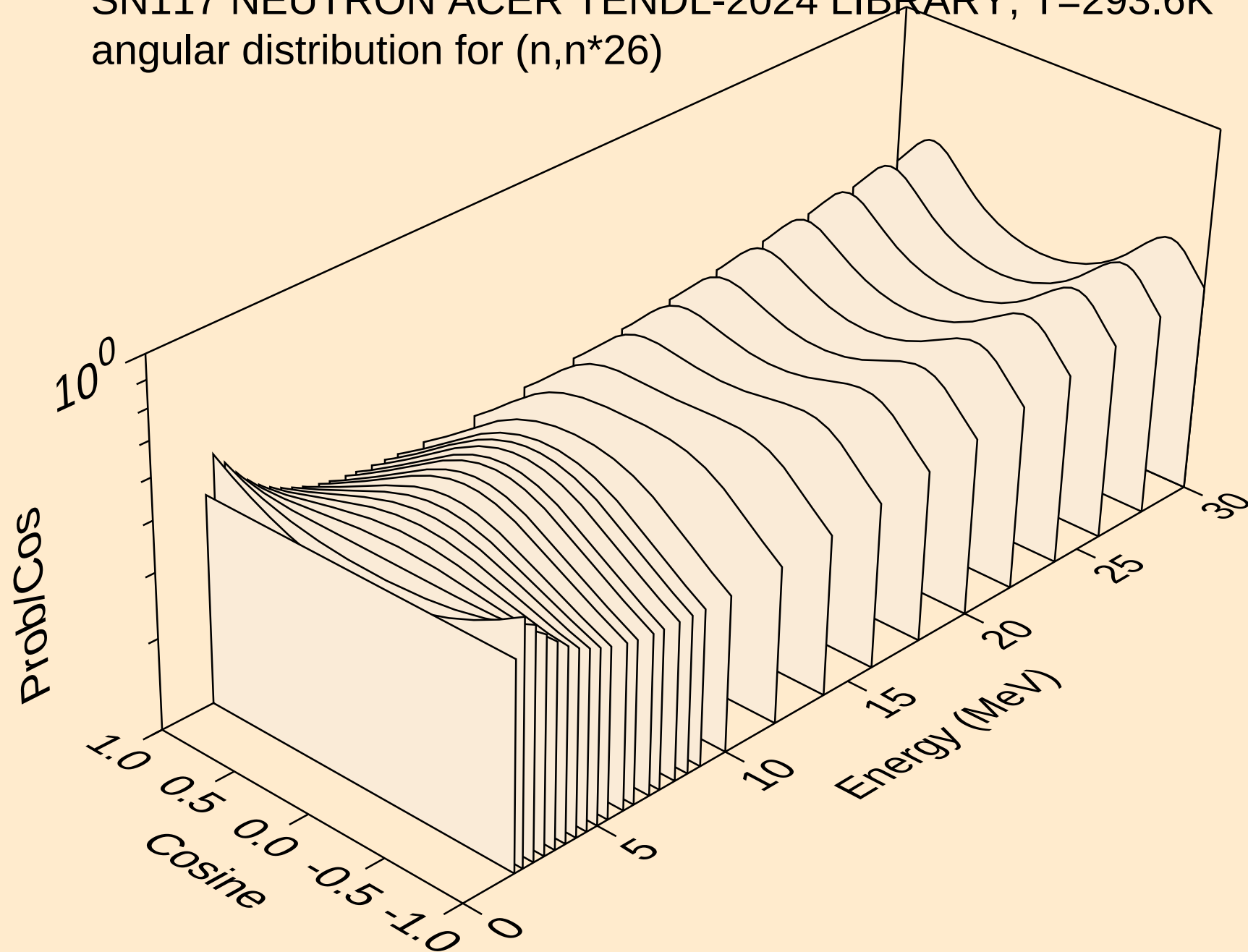
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



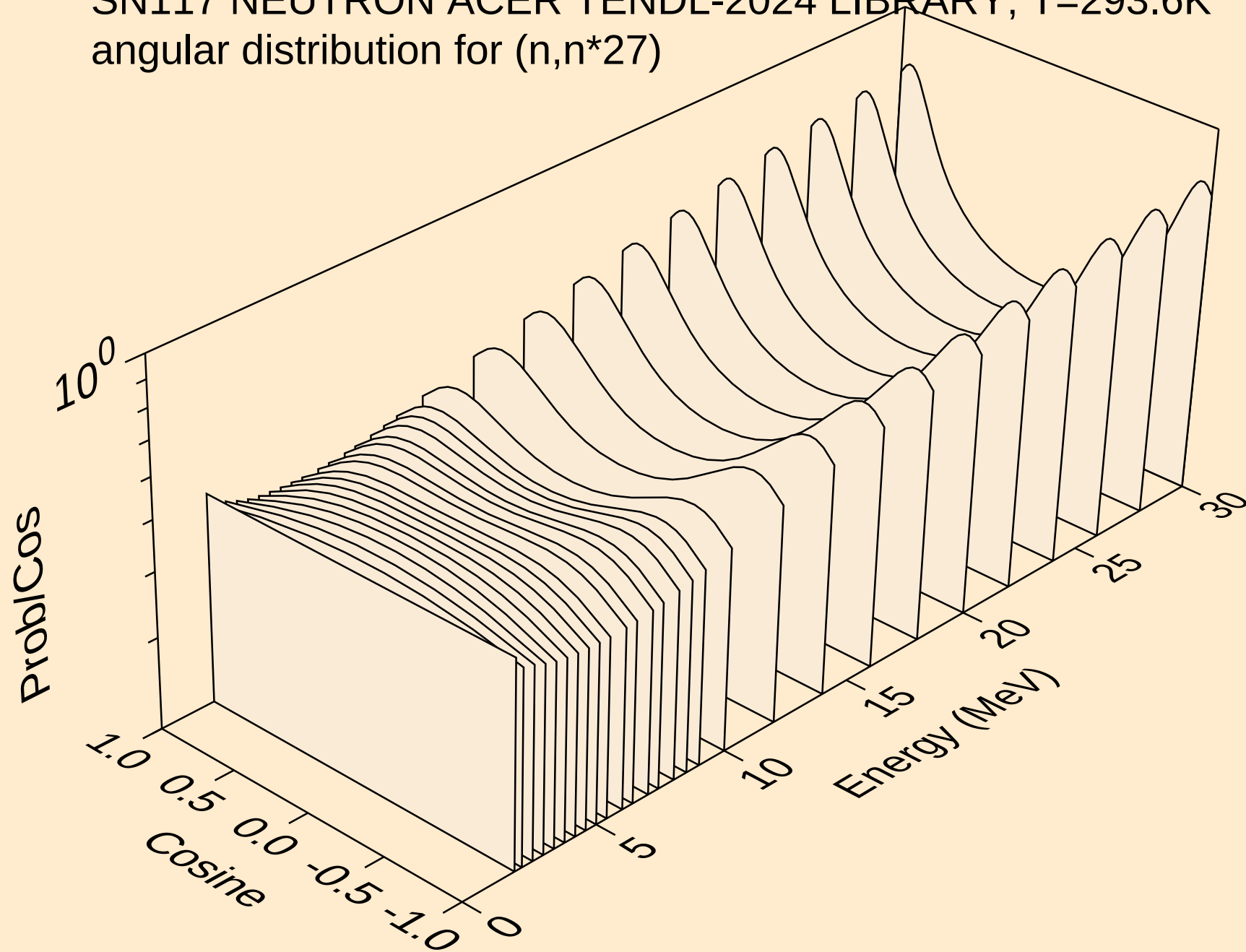
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



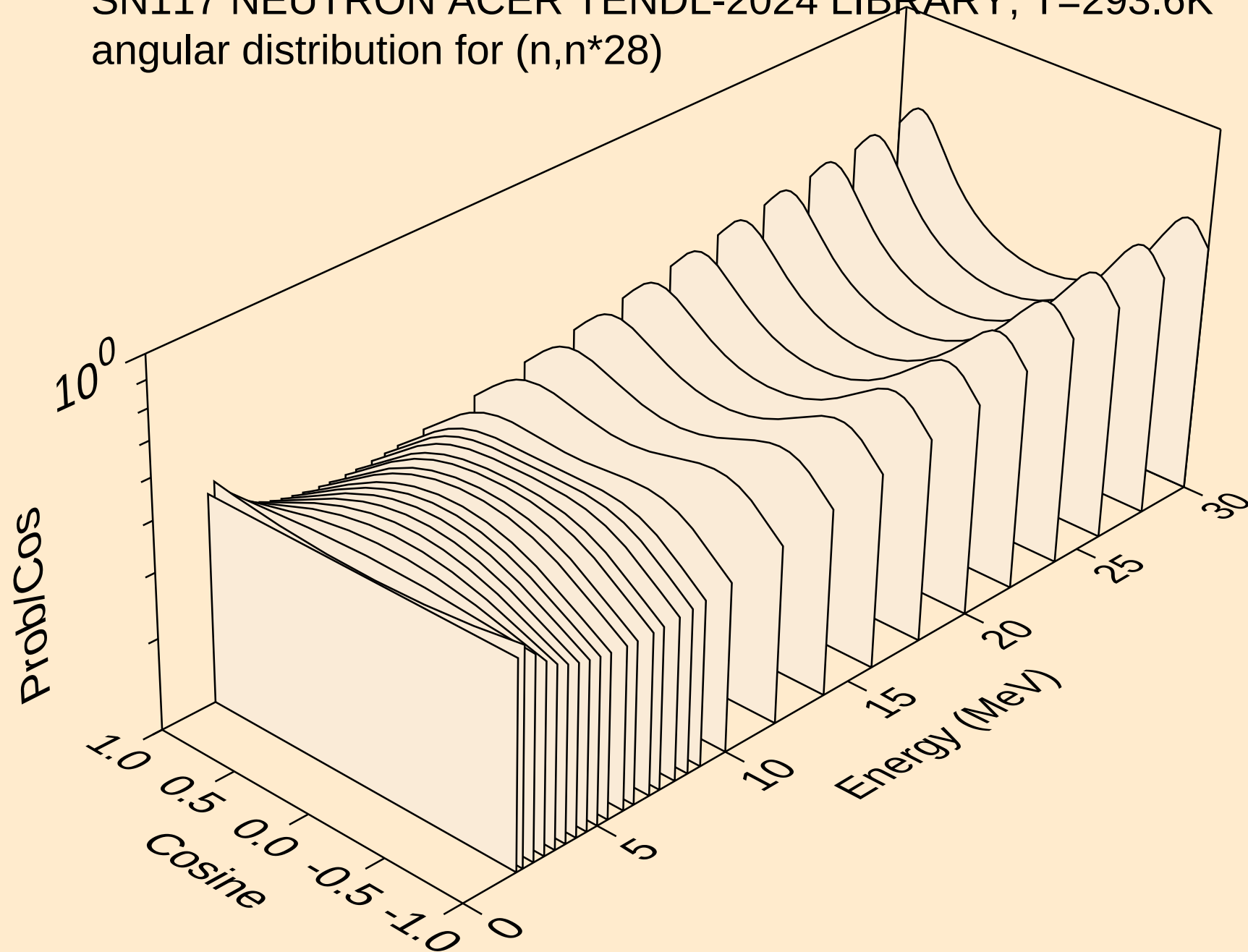
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



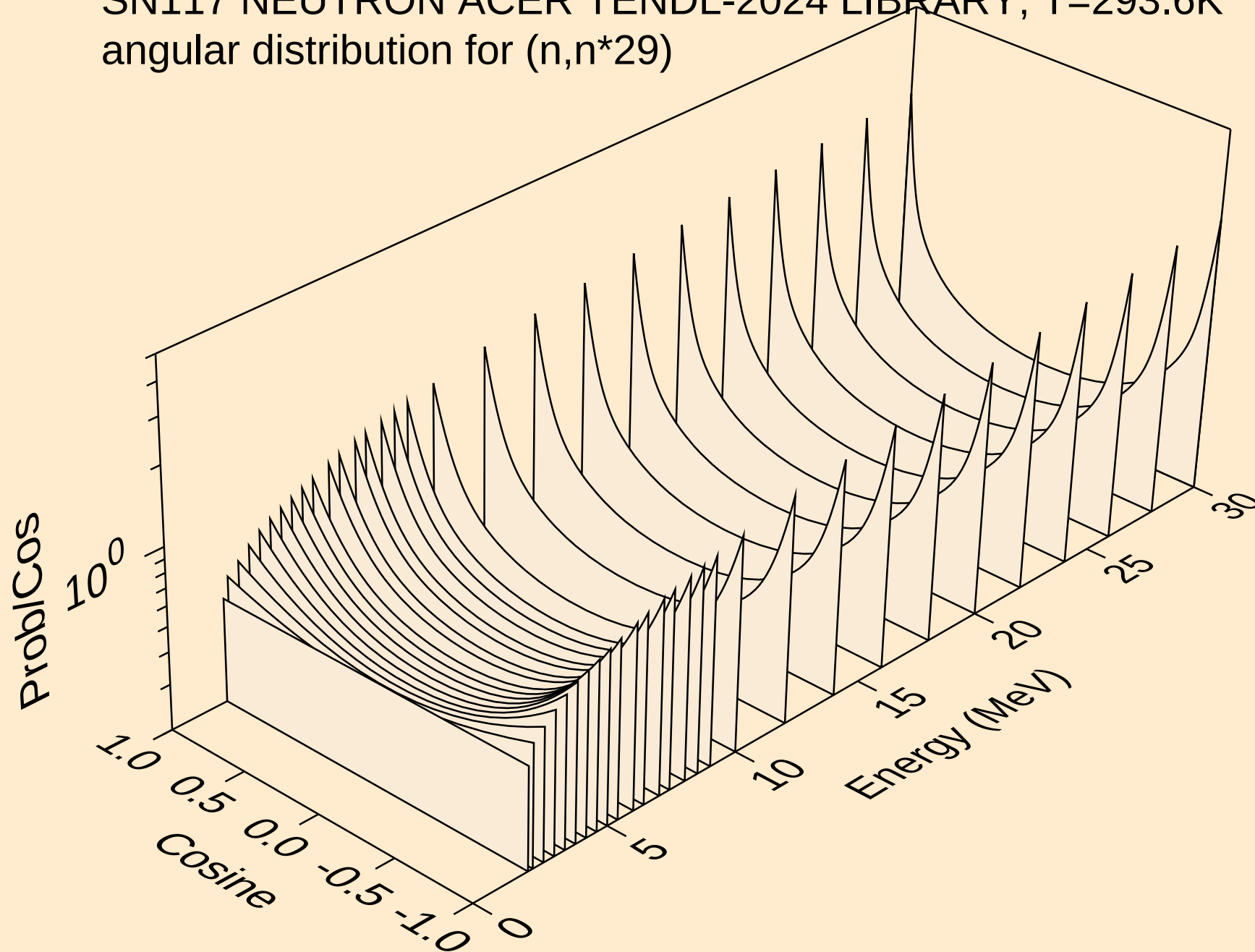
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



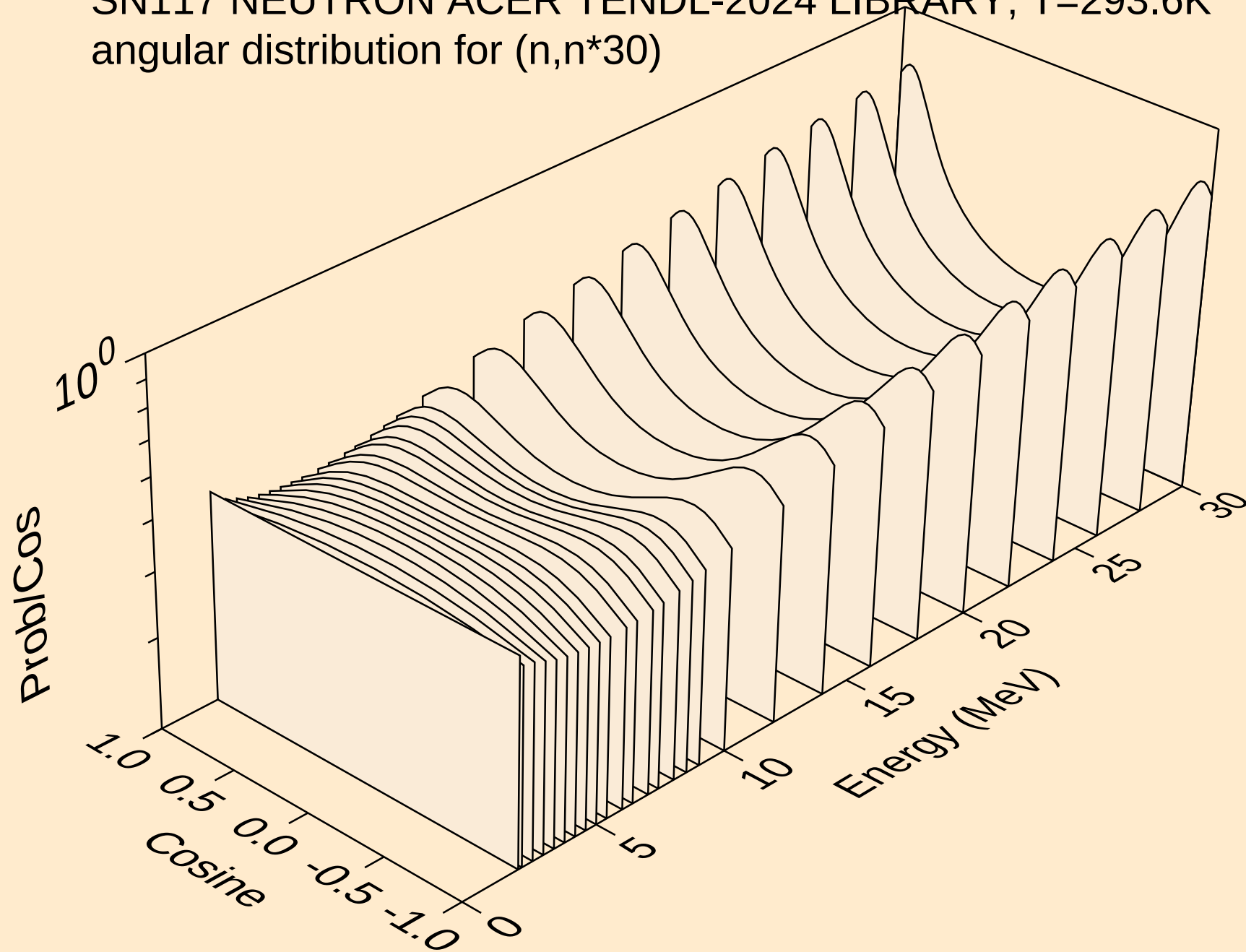
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



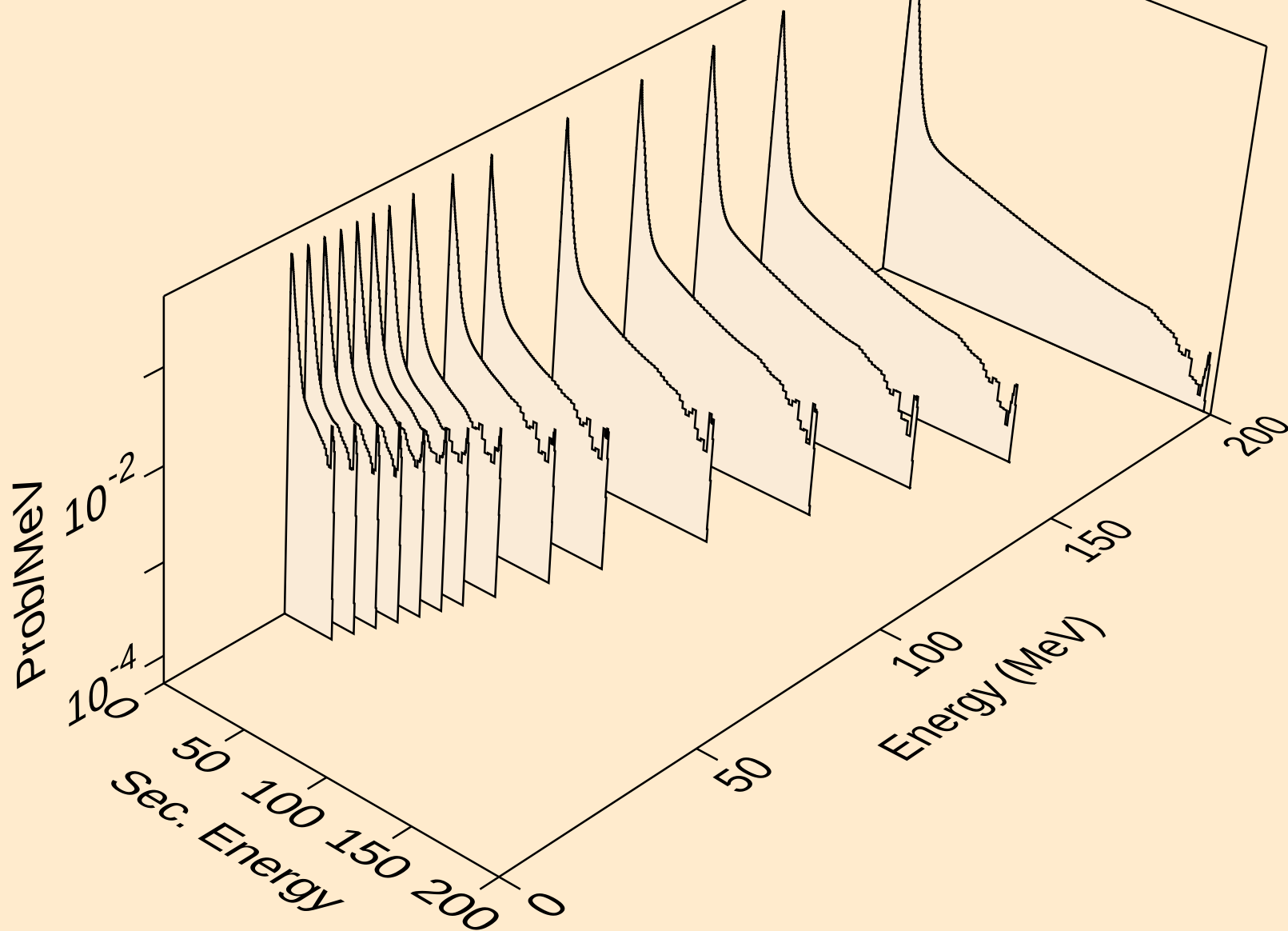
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*29)



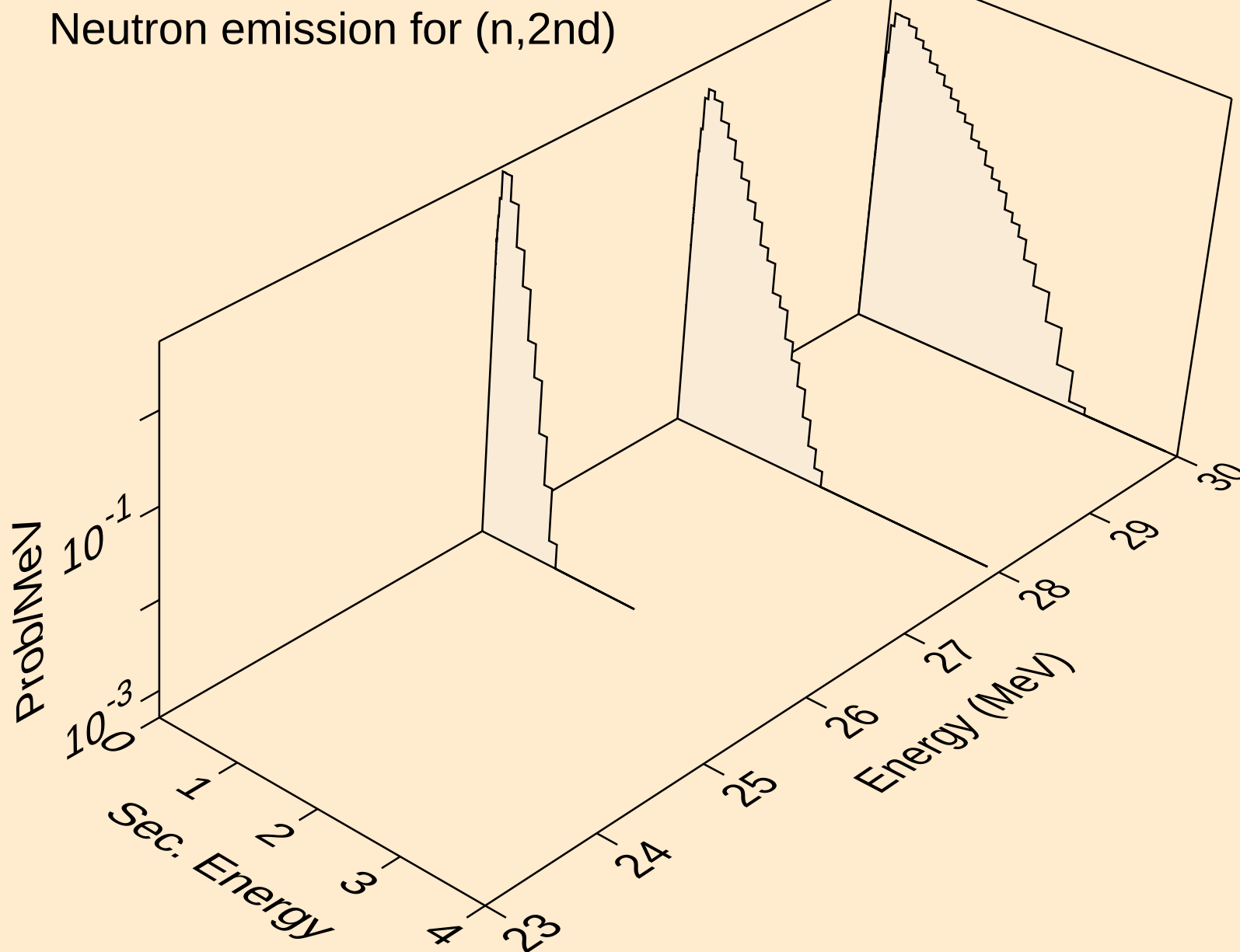
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*30)



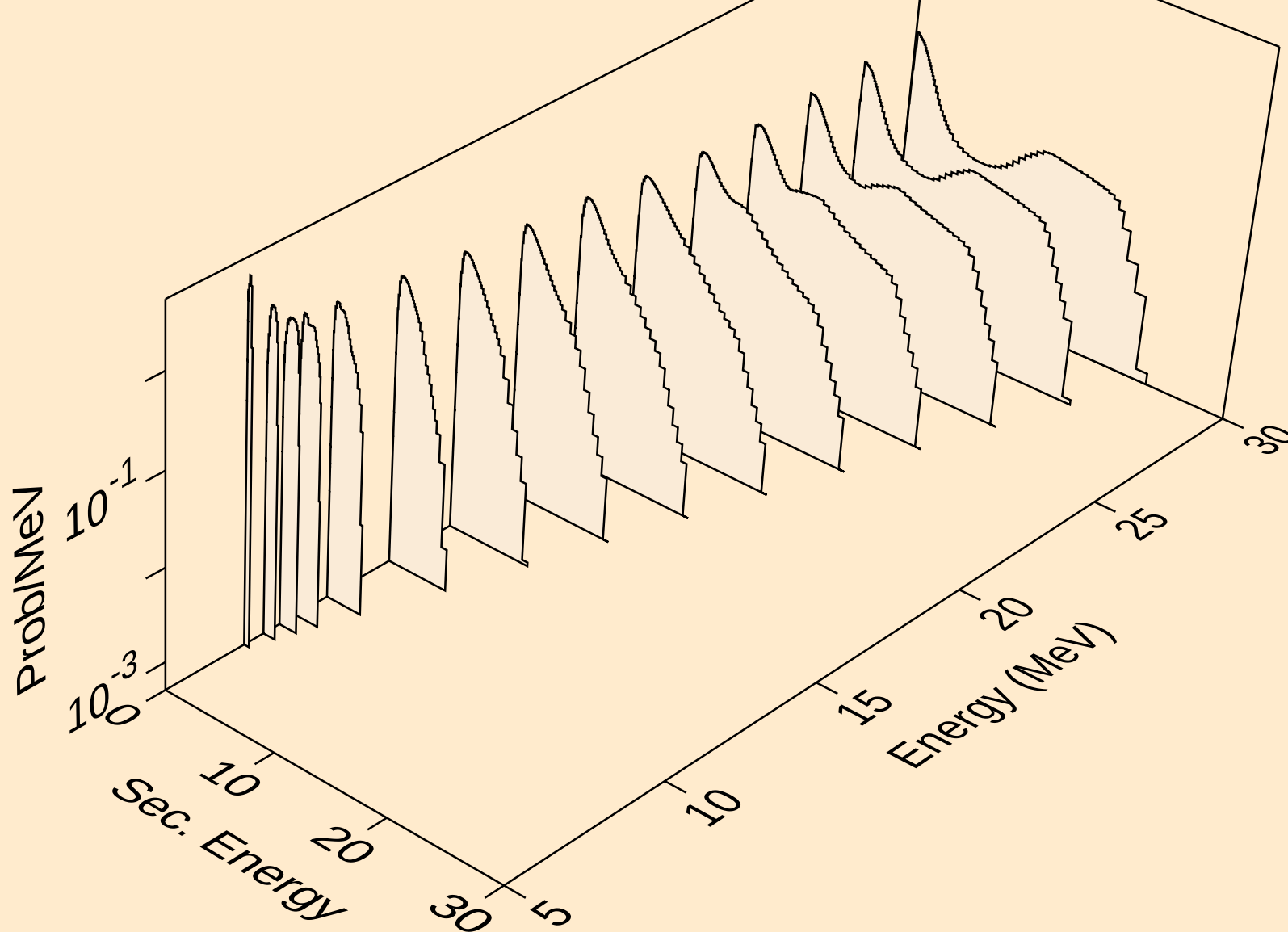
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



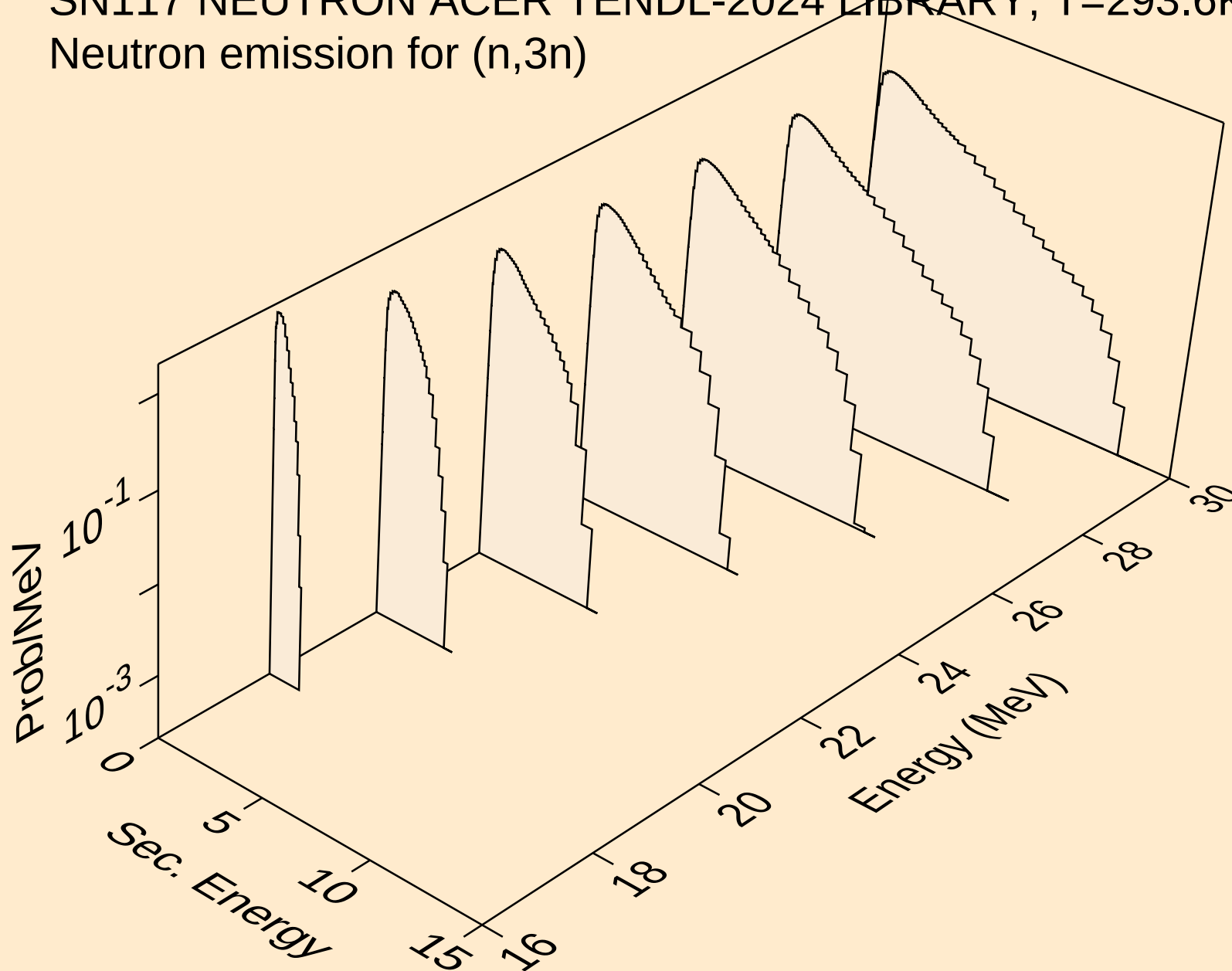
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



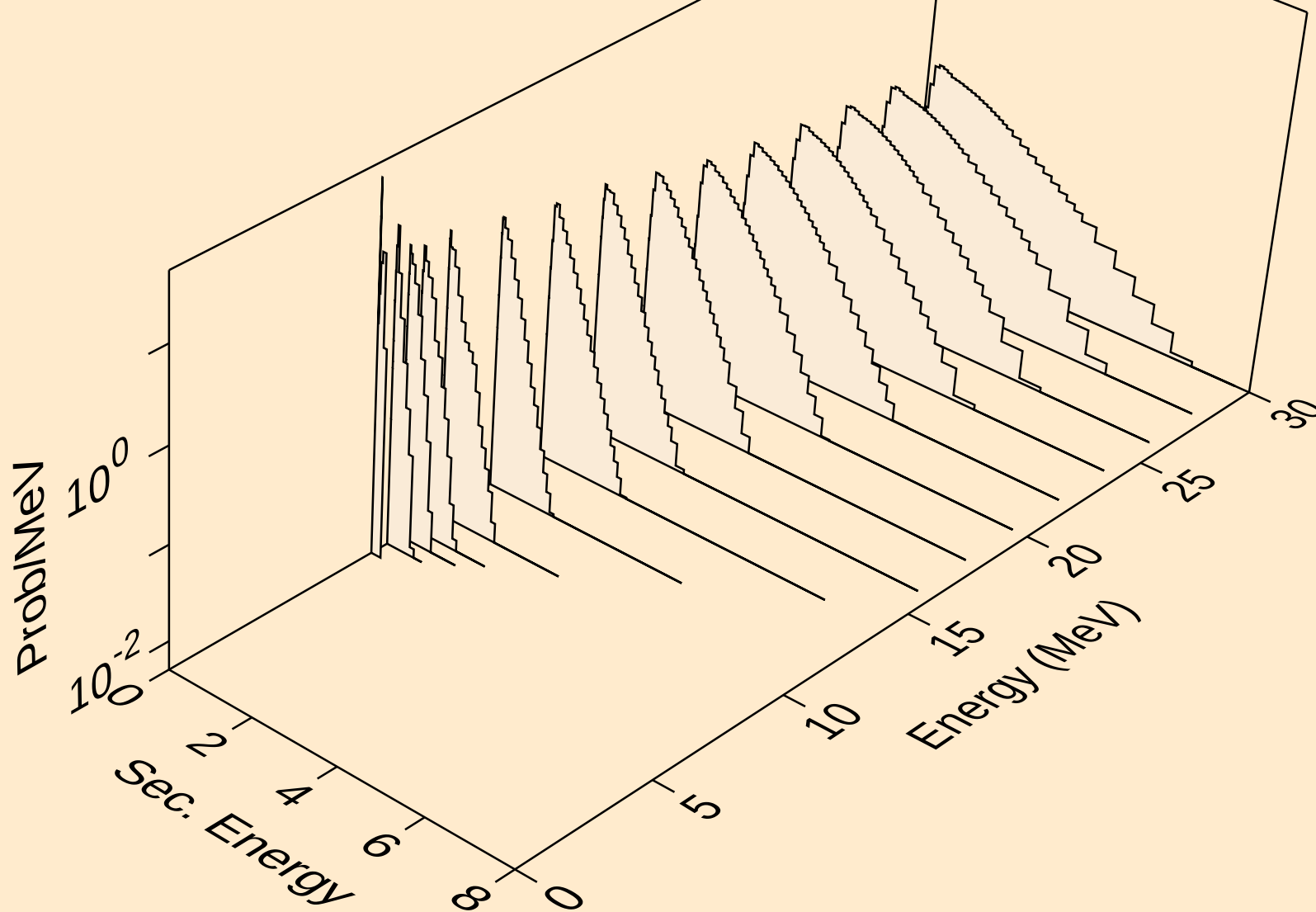
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



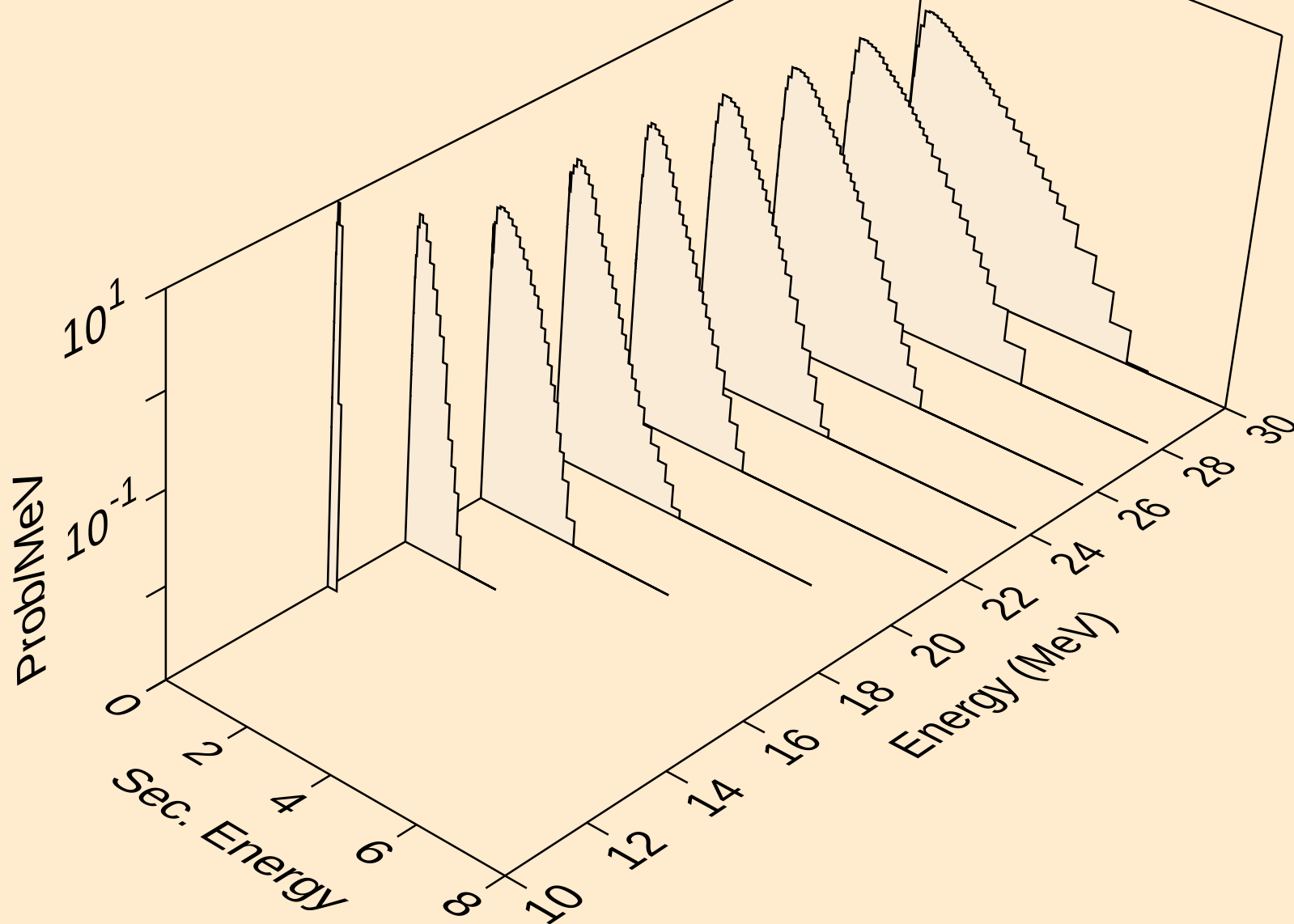
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



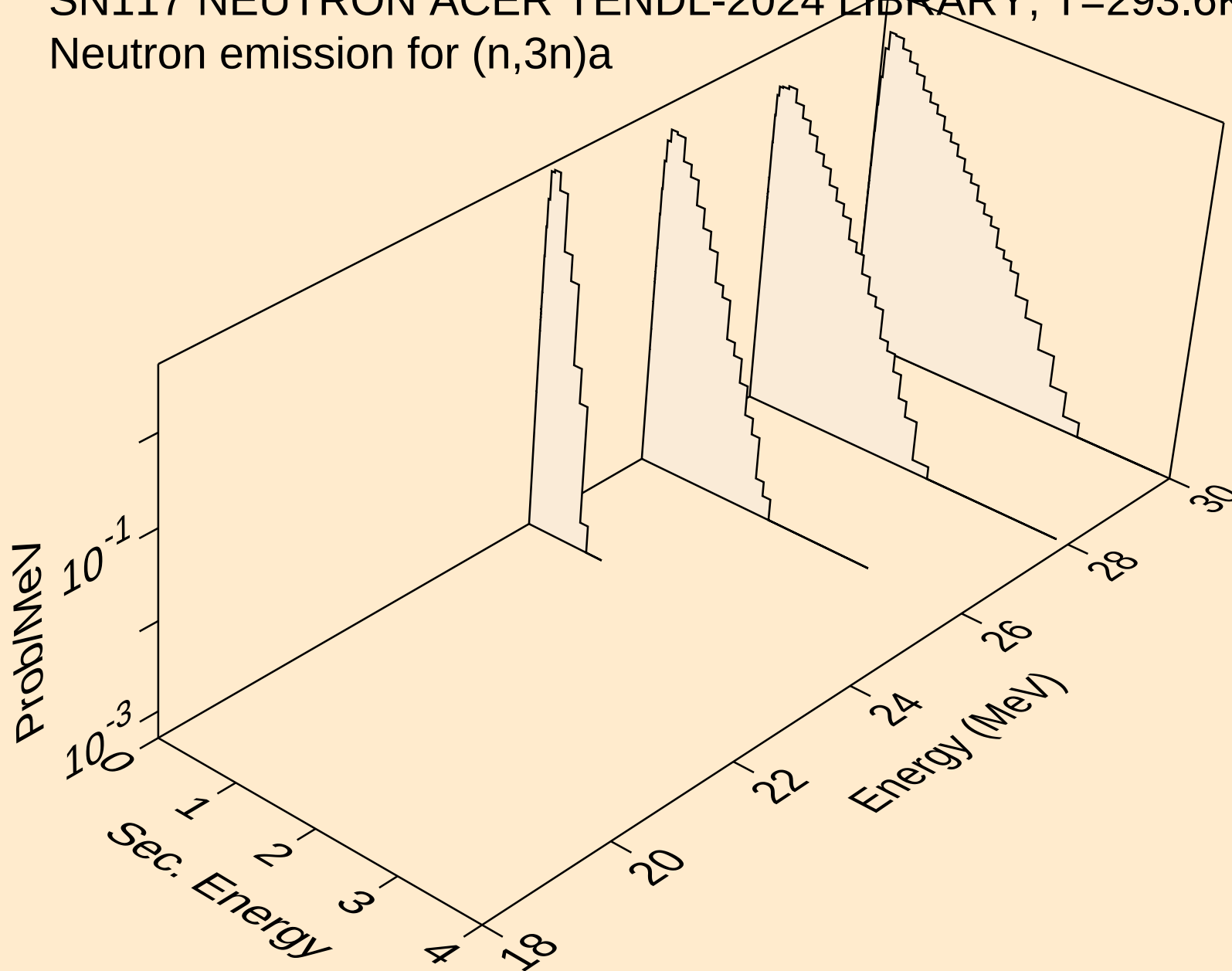
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



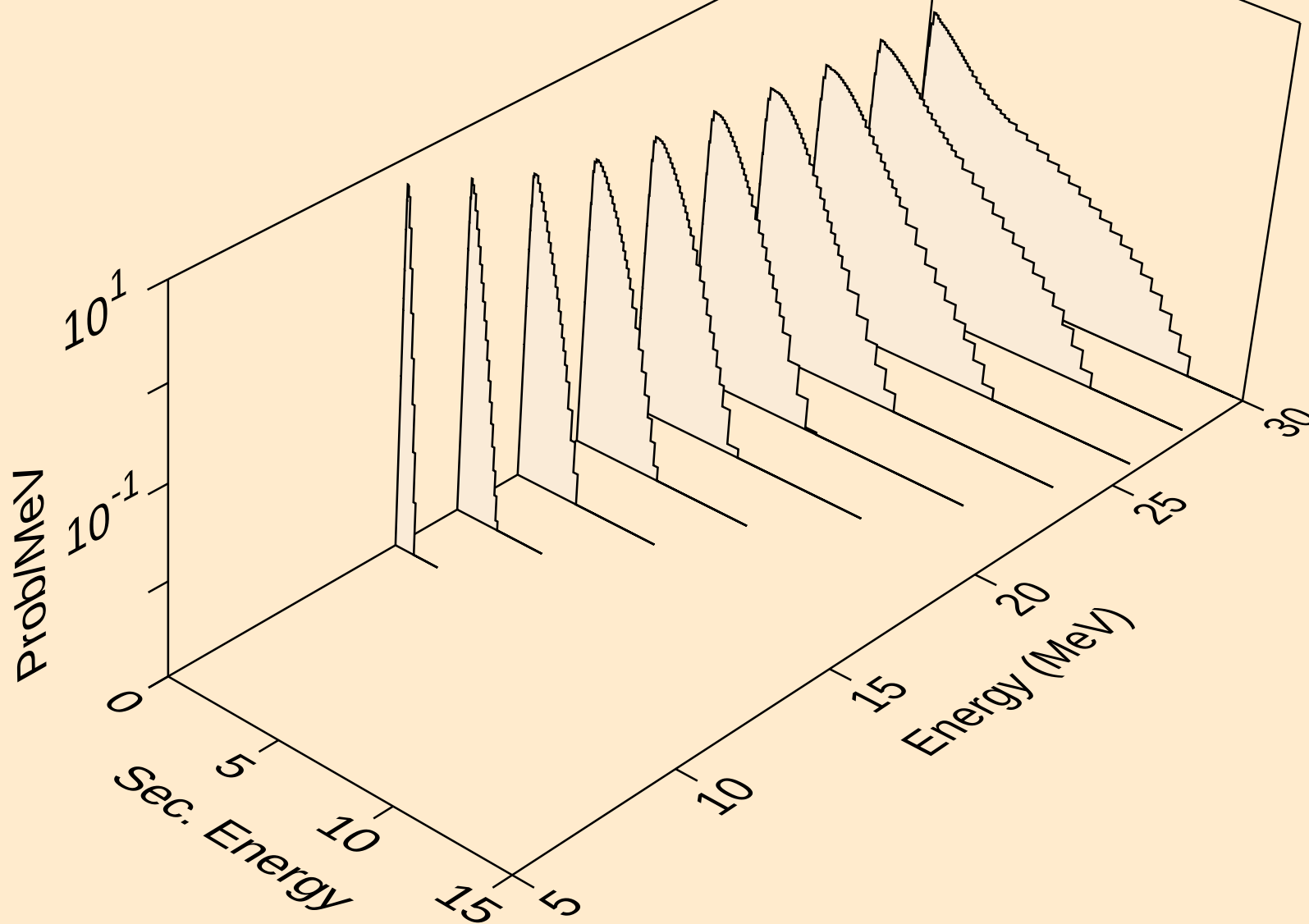
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



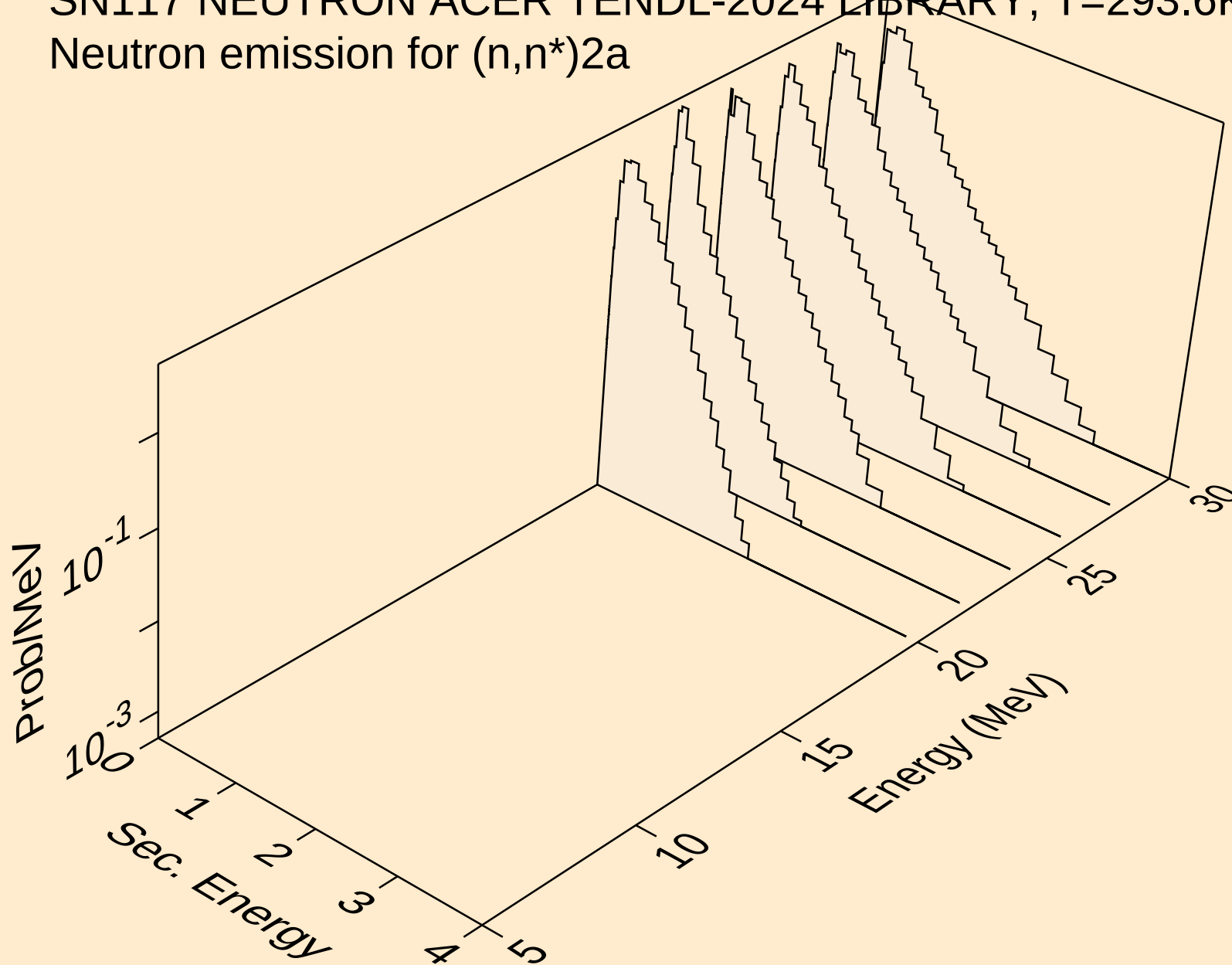
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



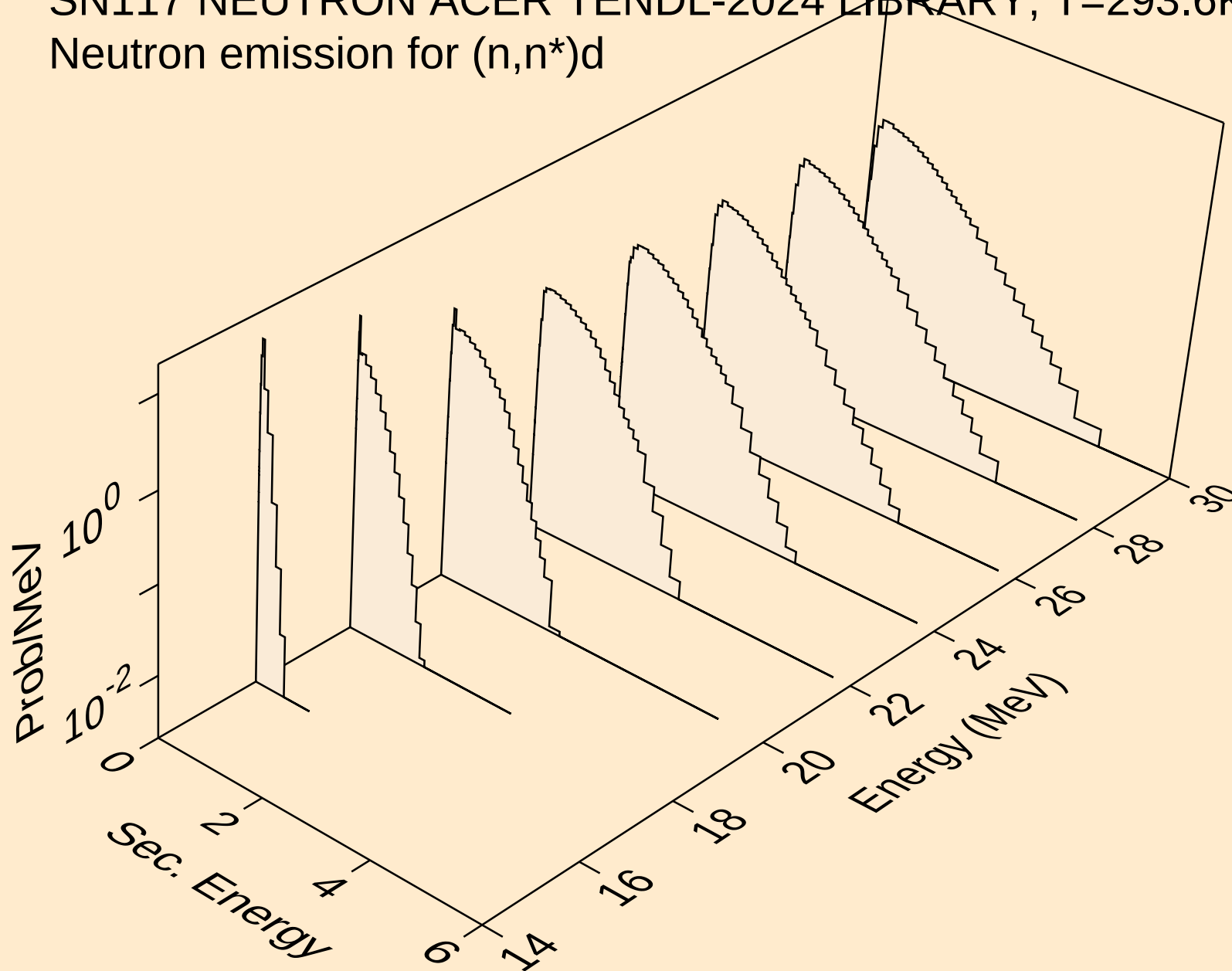
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



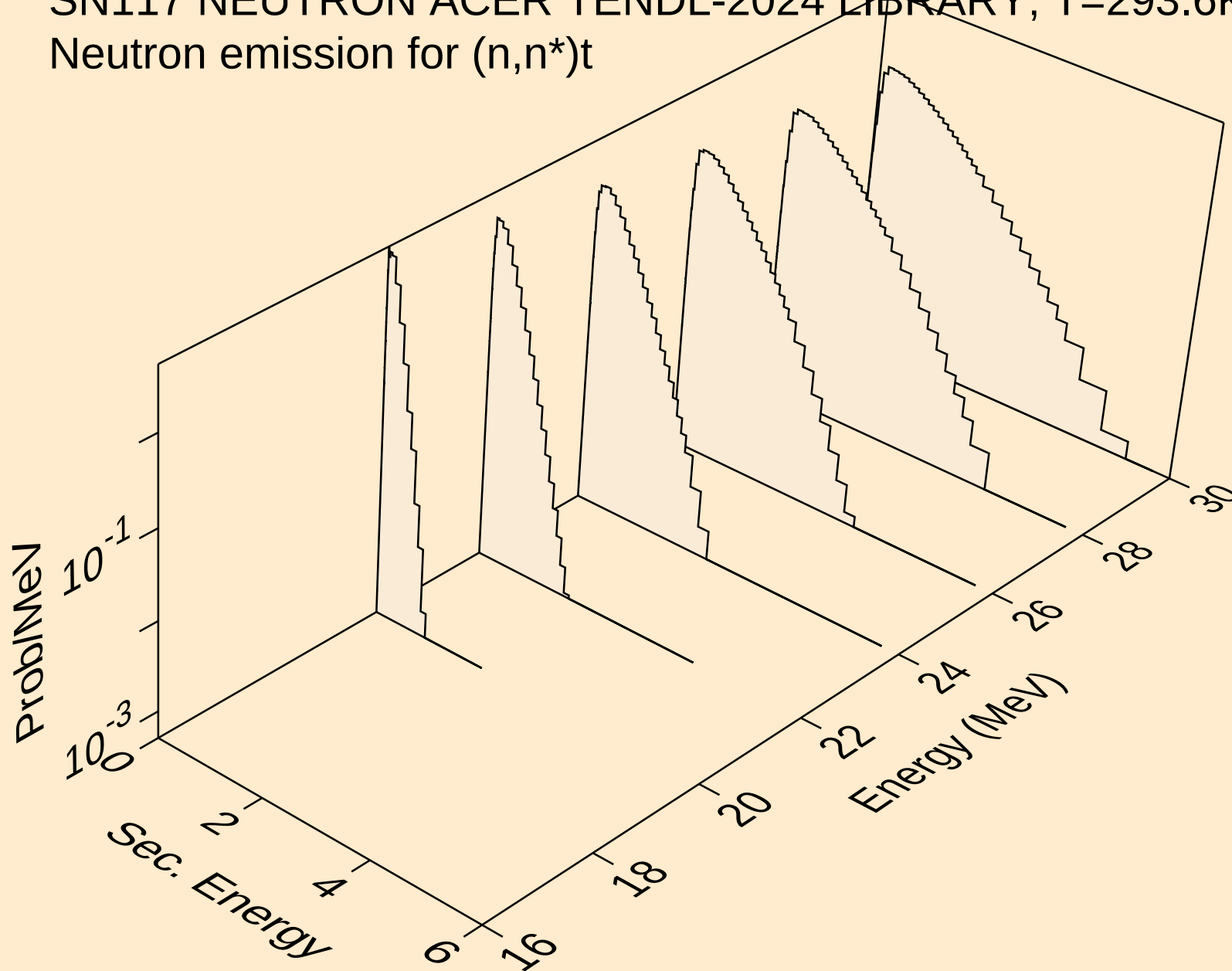
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



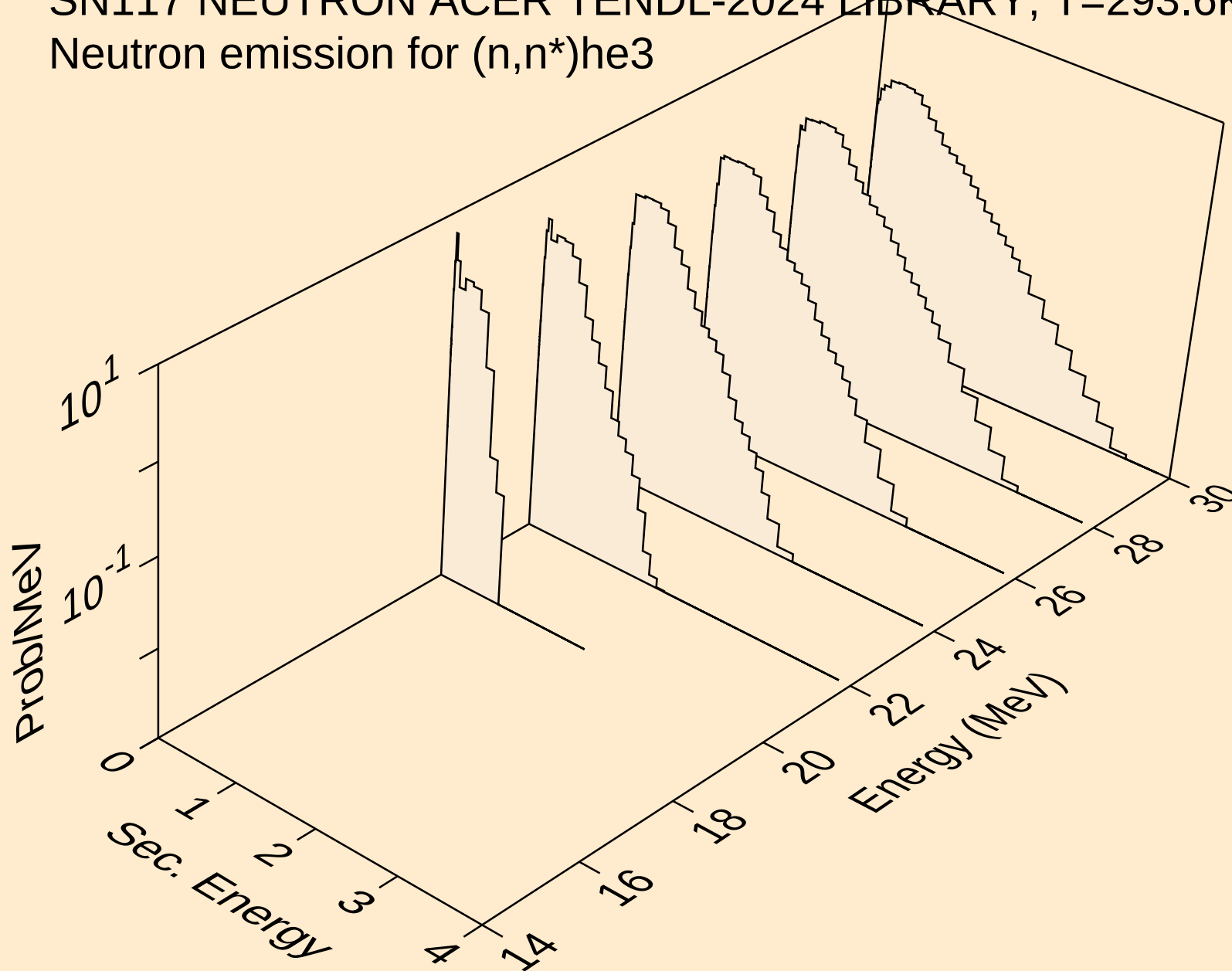
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



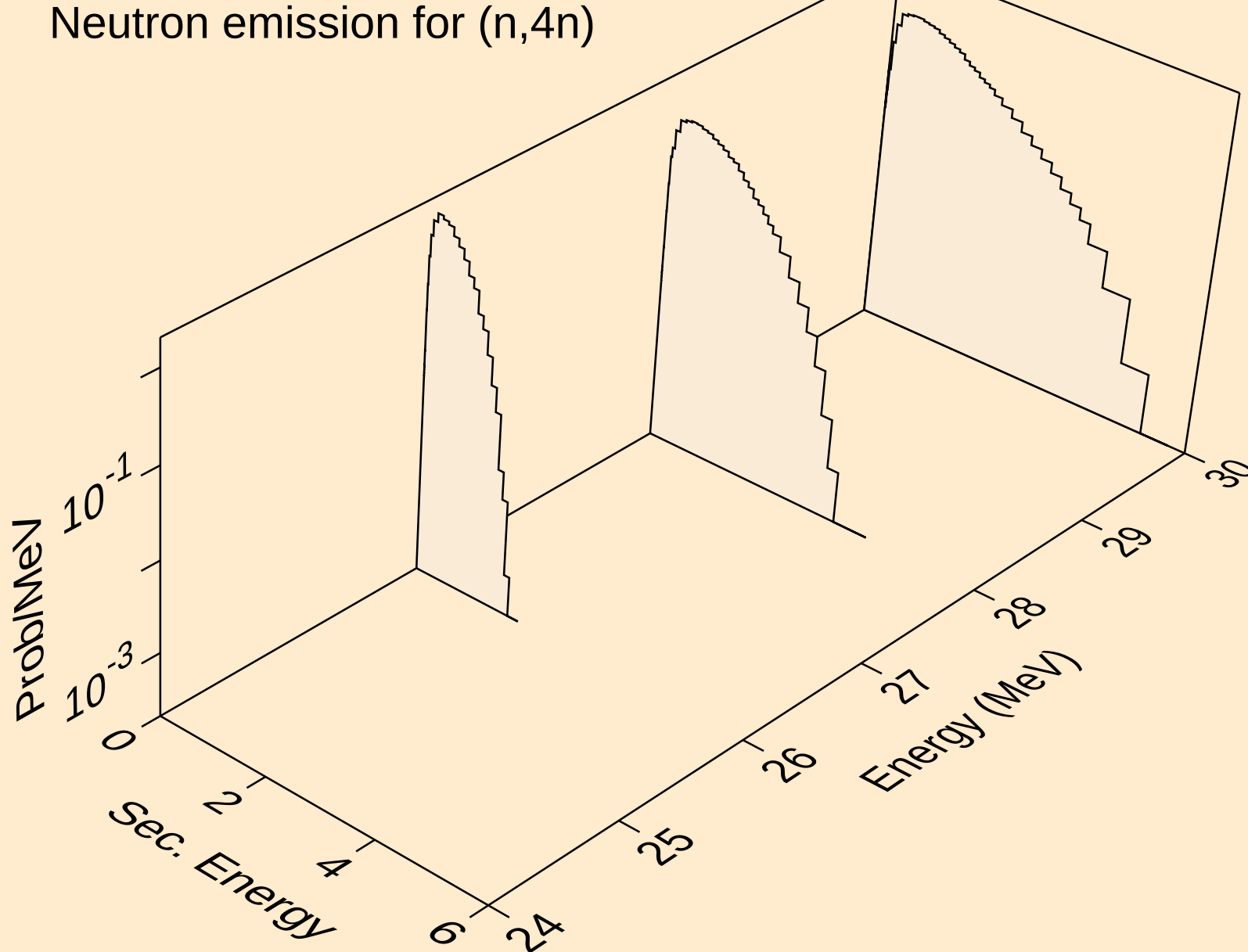
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



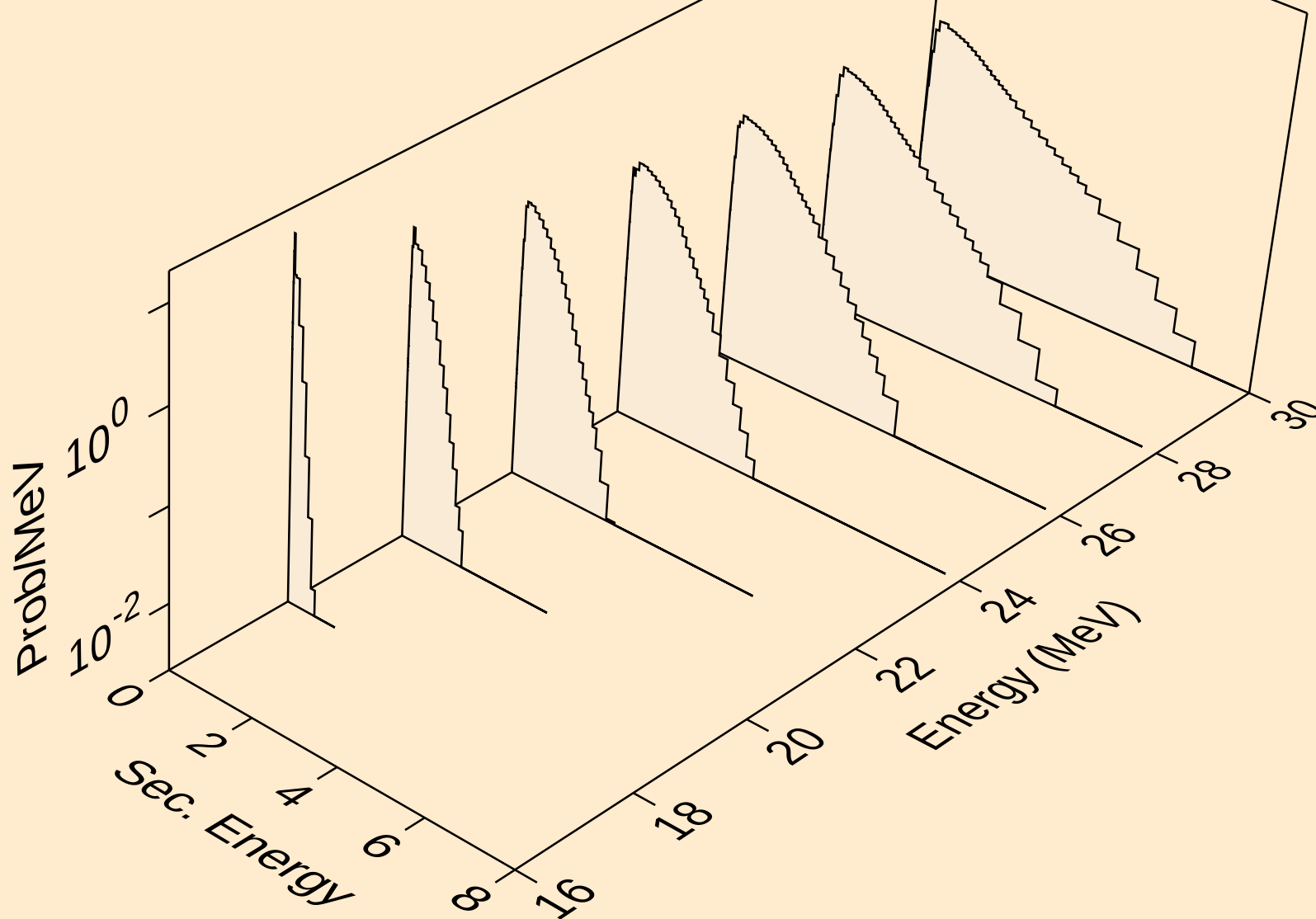
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



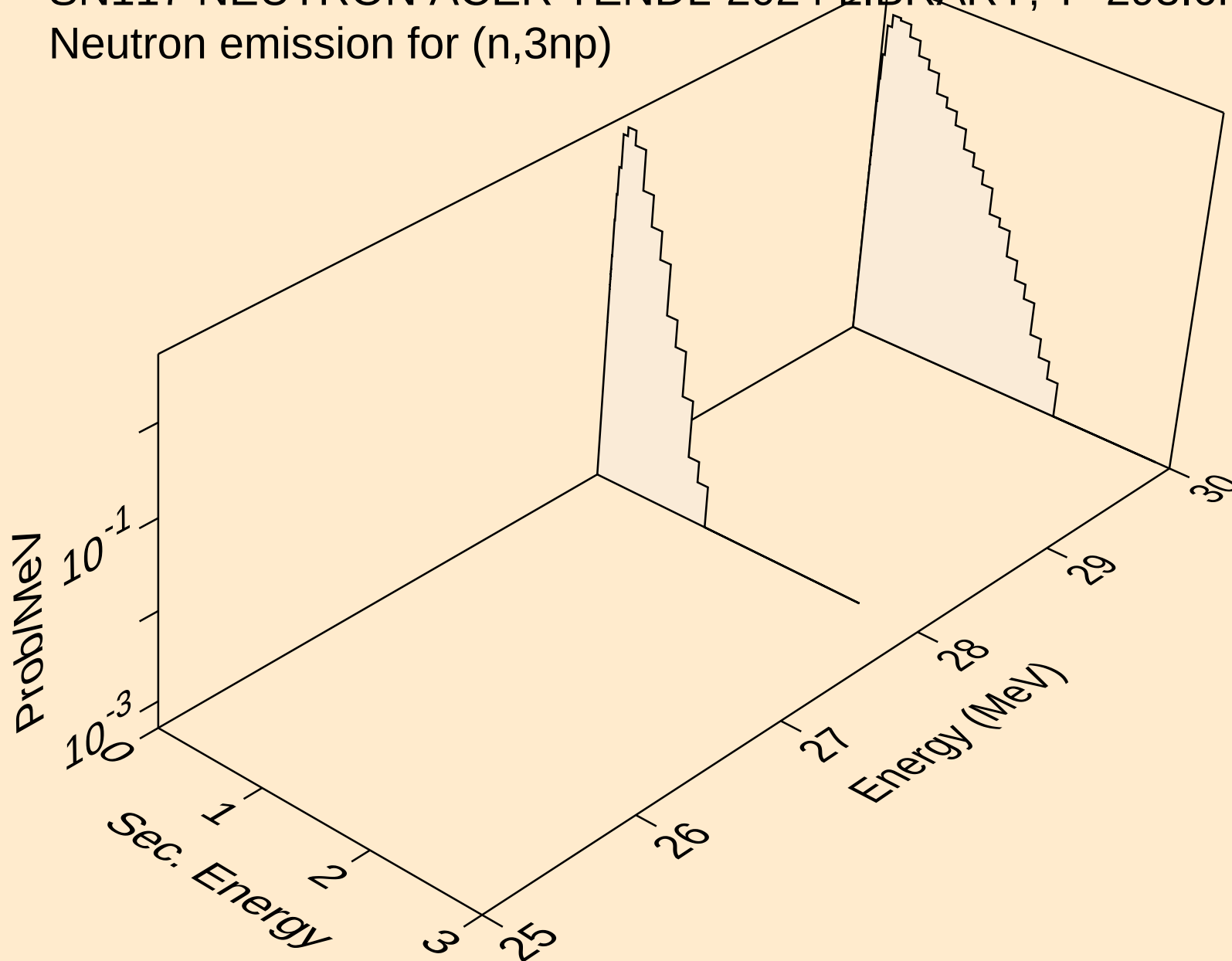
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



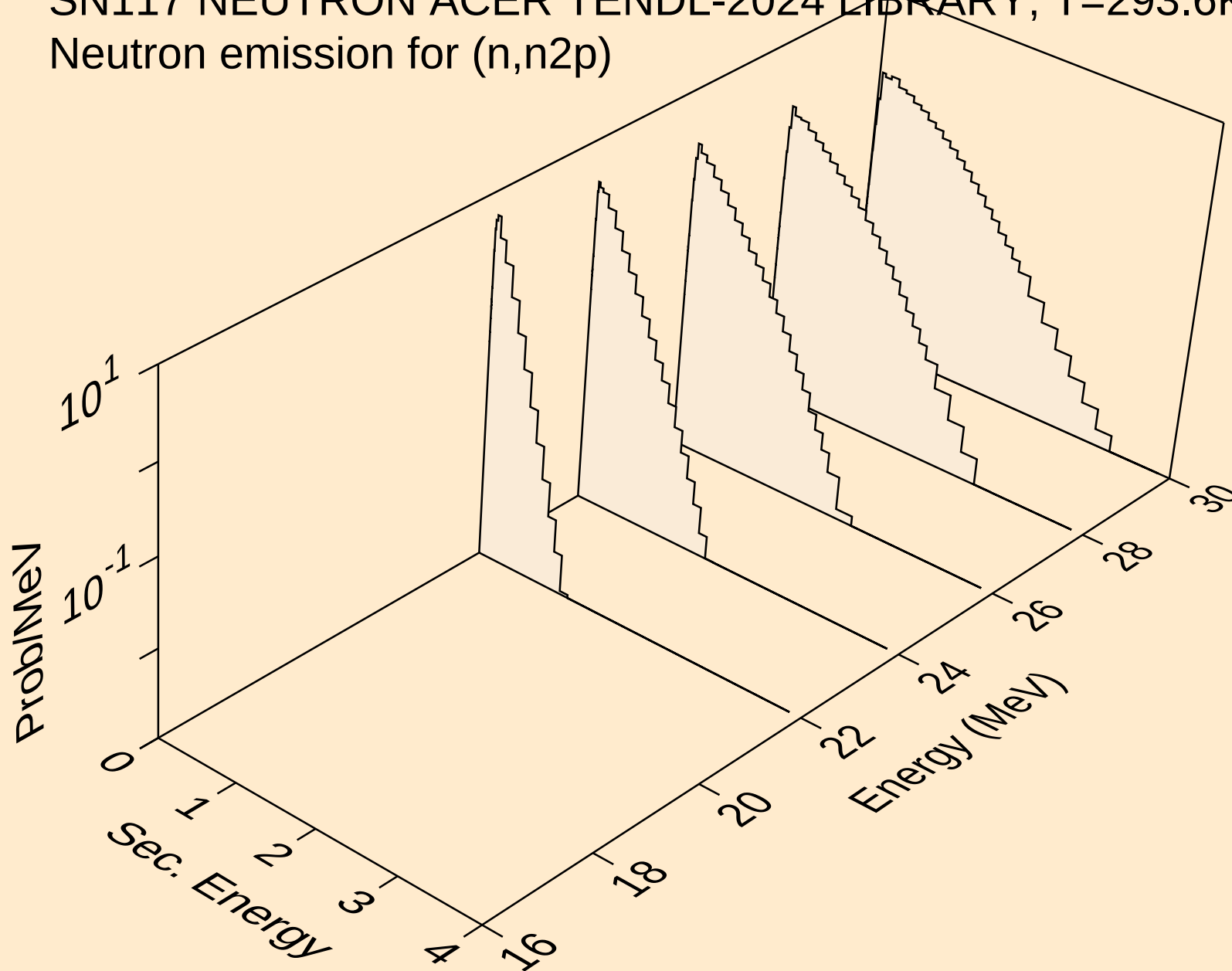
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



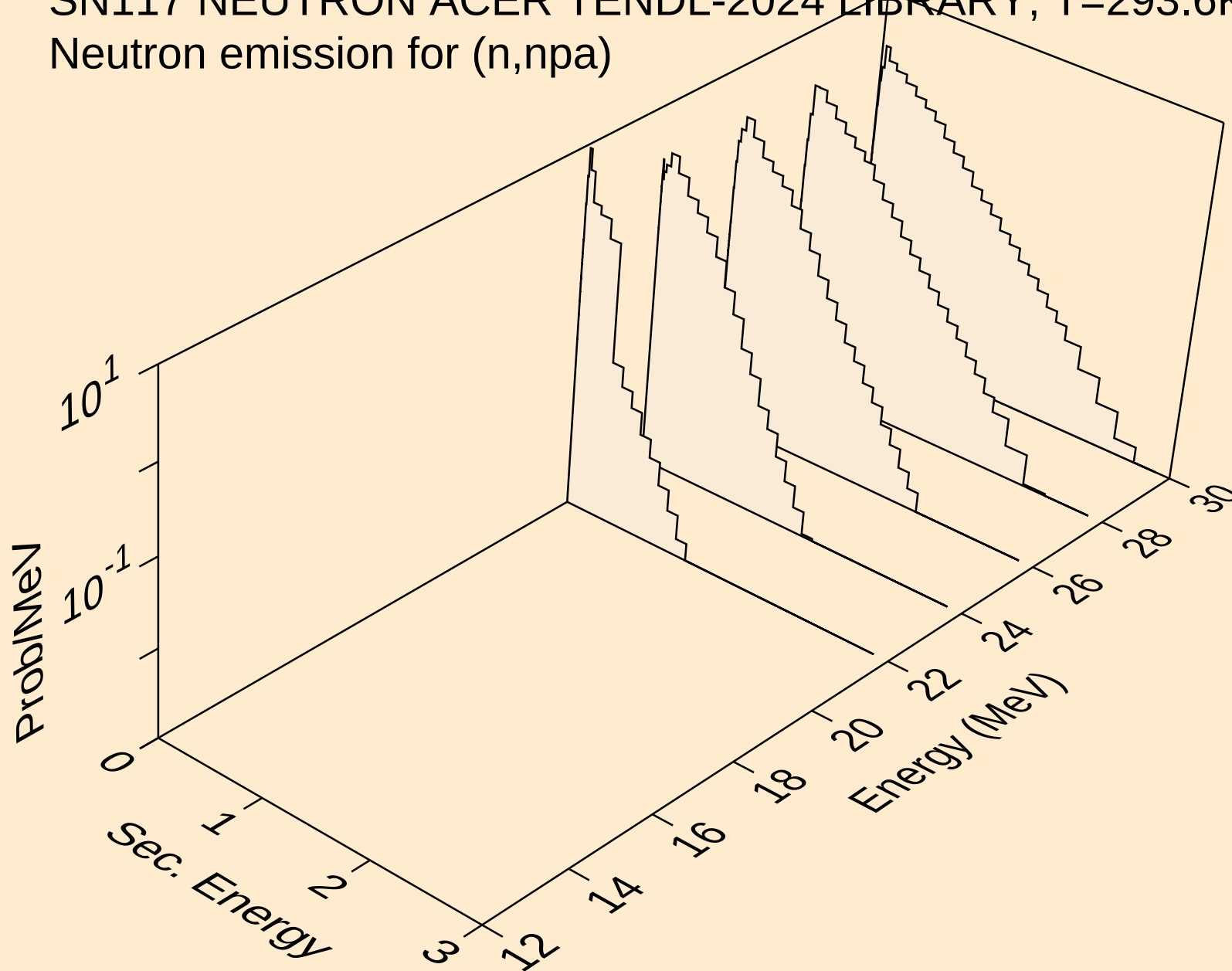
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



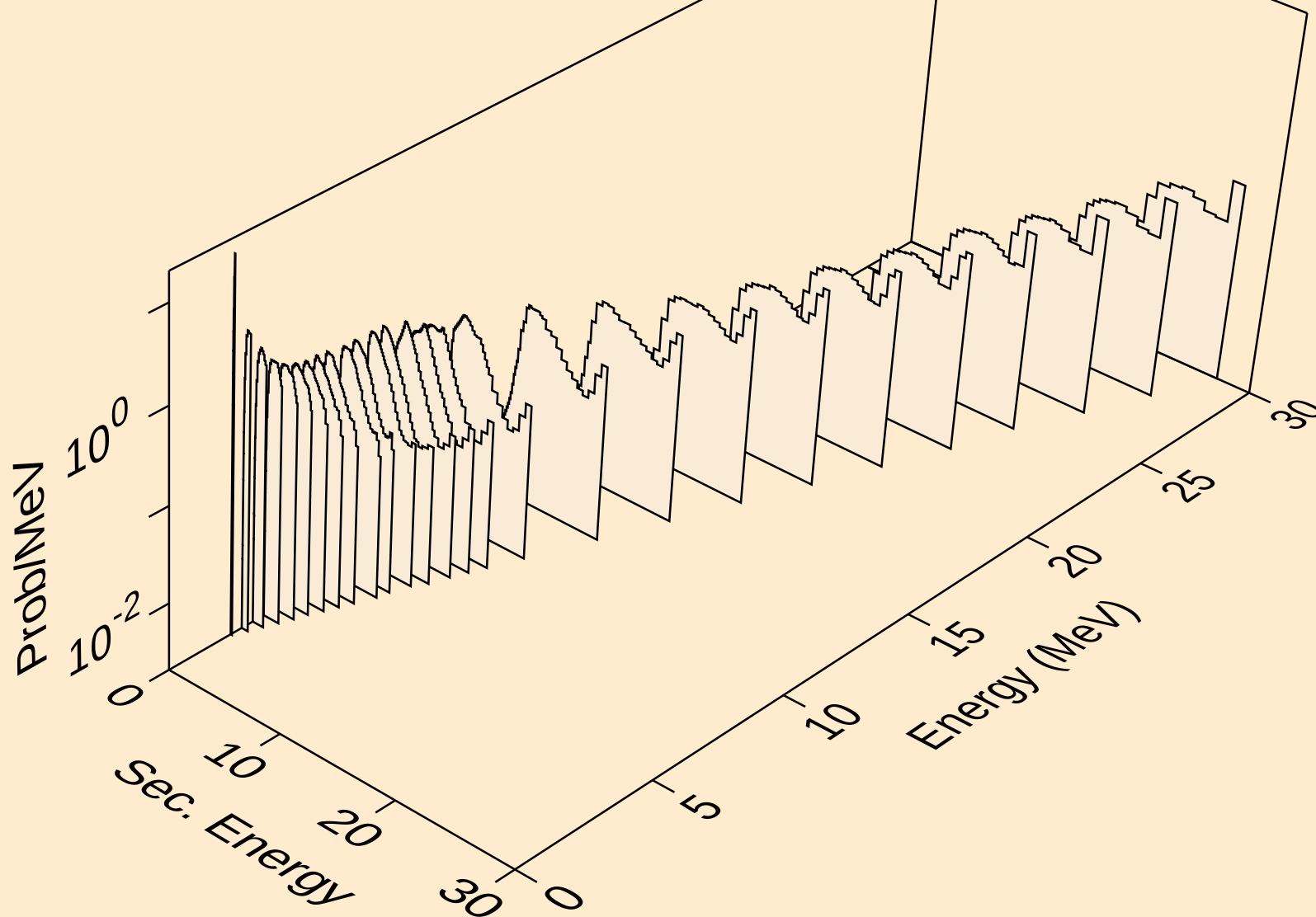
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



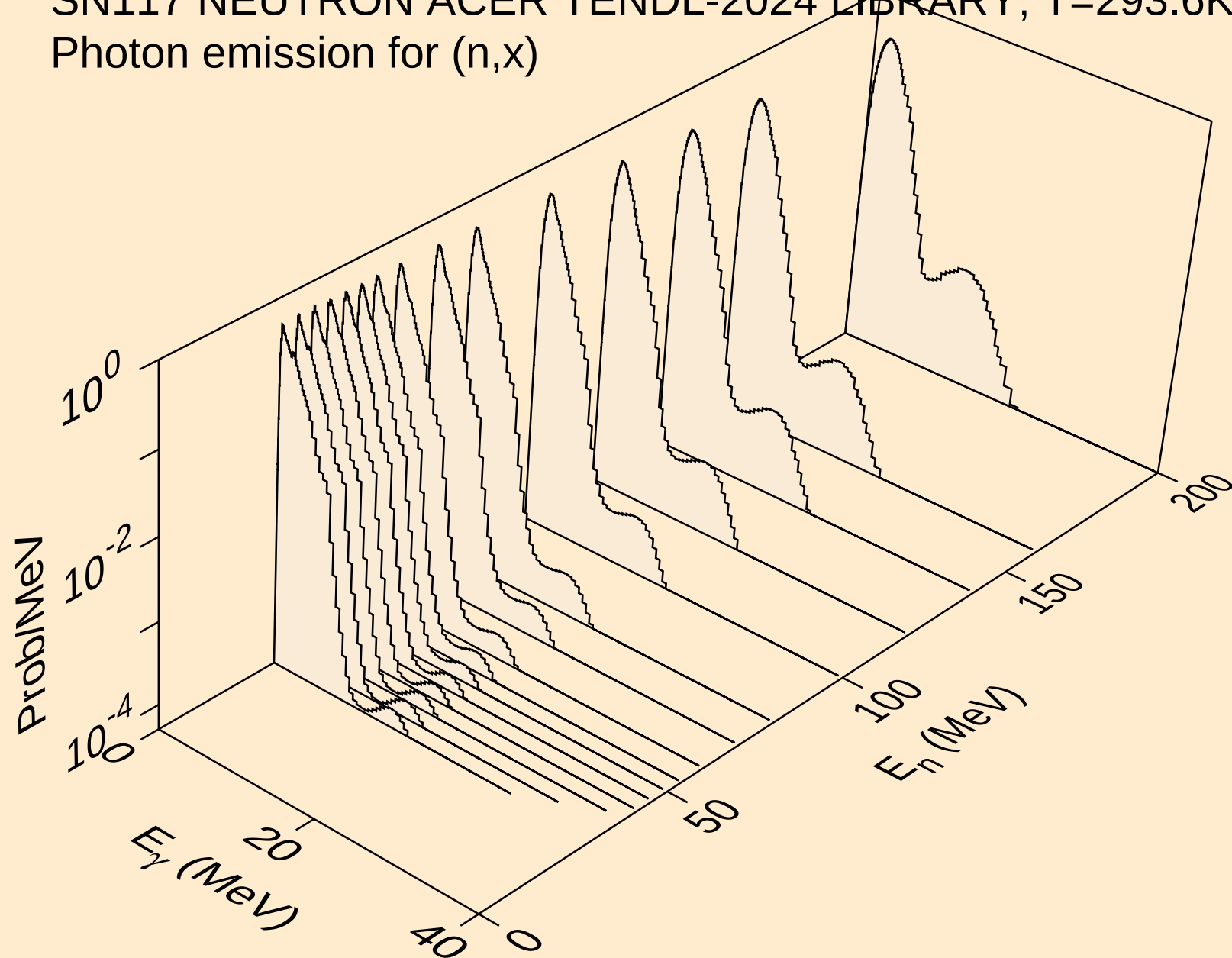
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



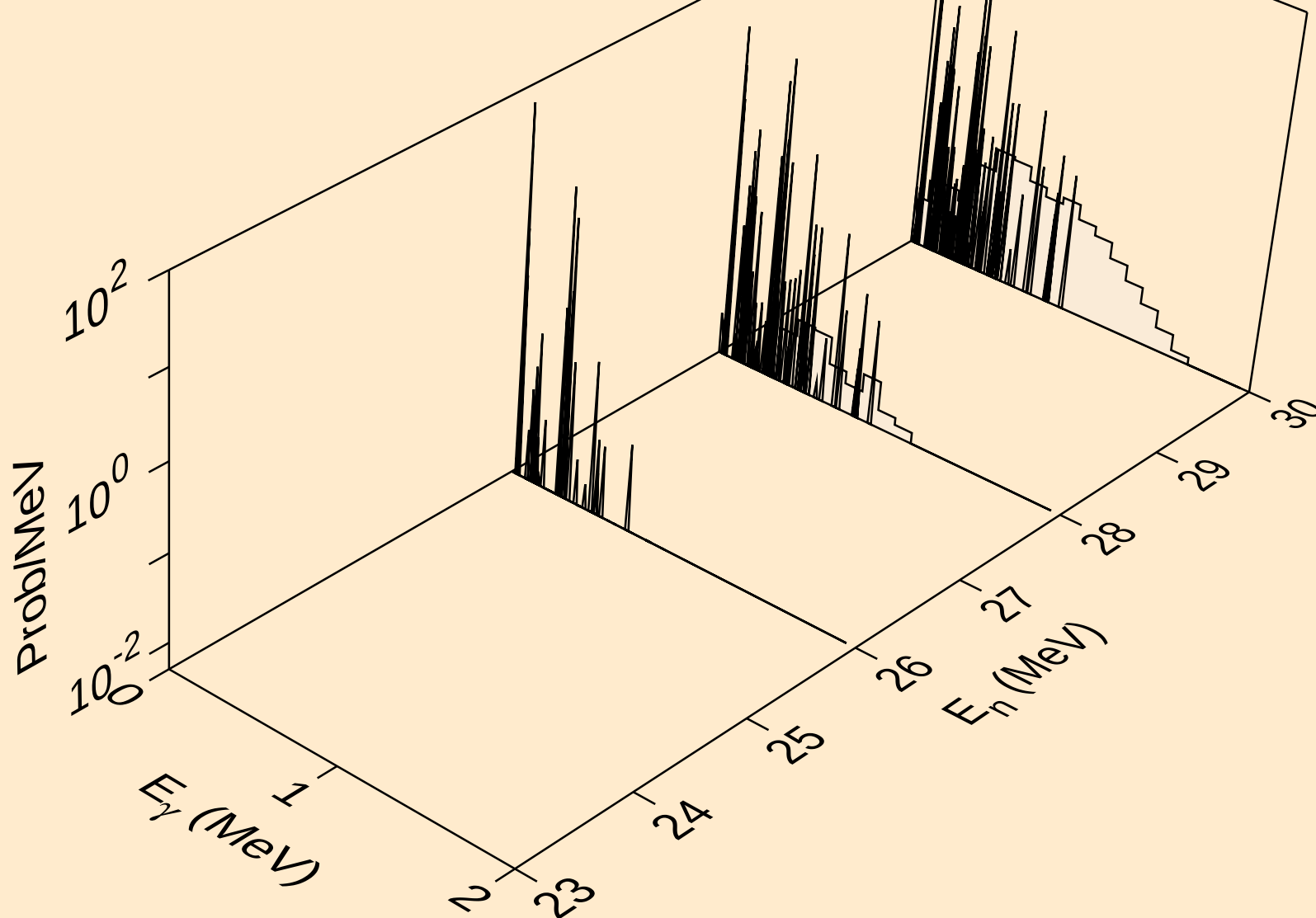
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



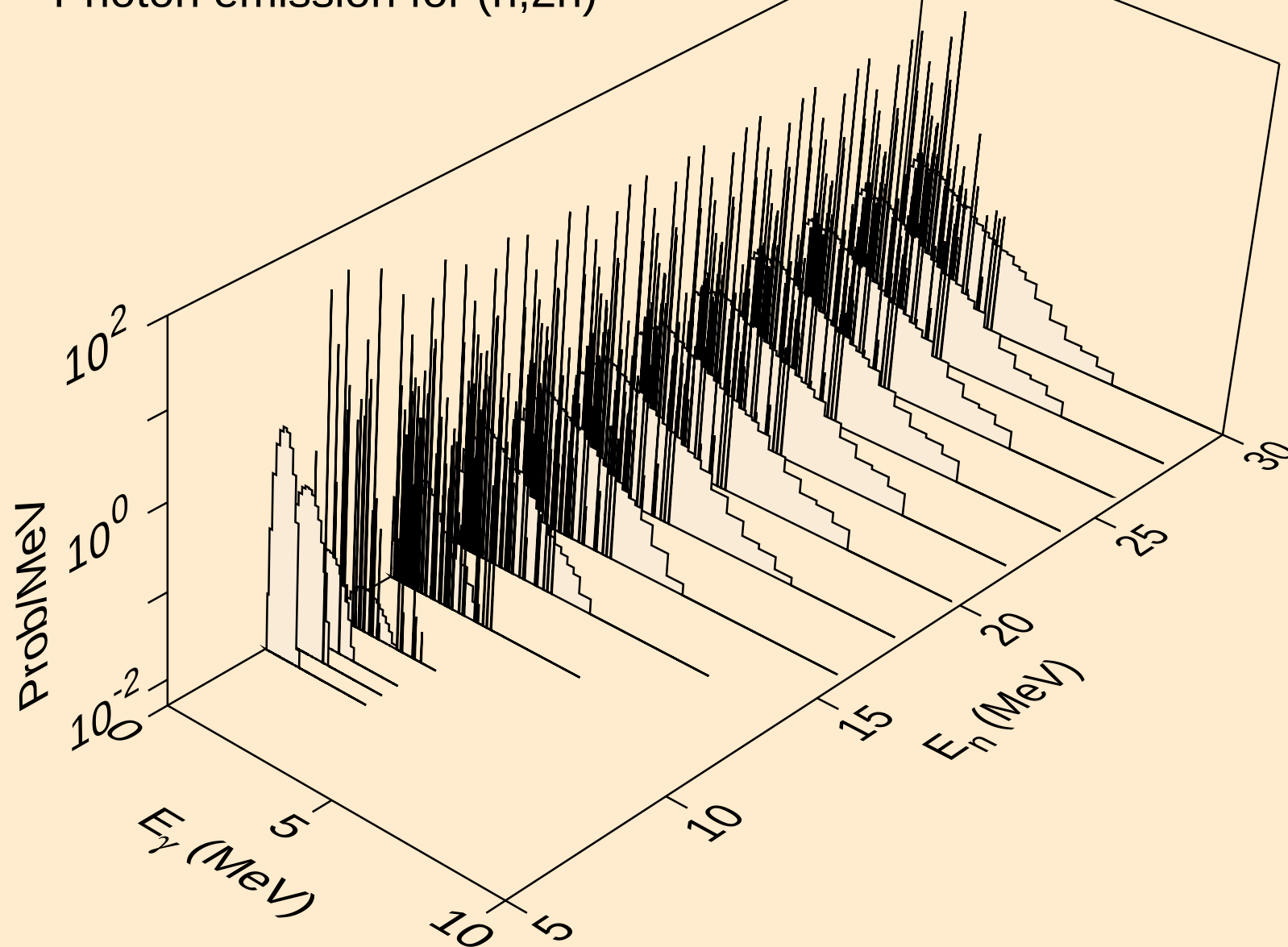
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



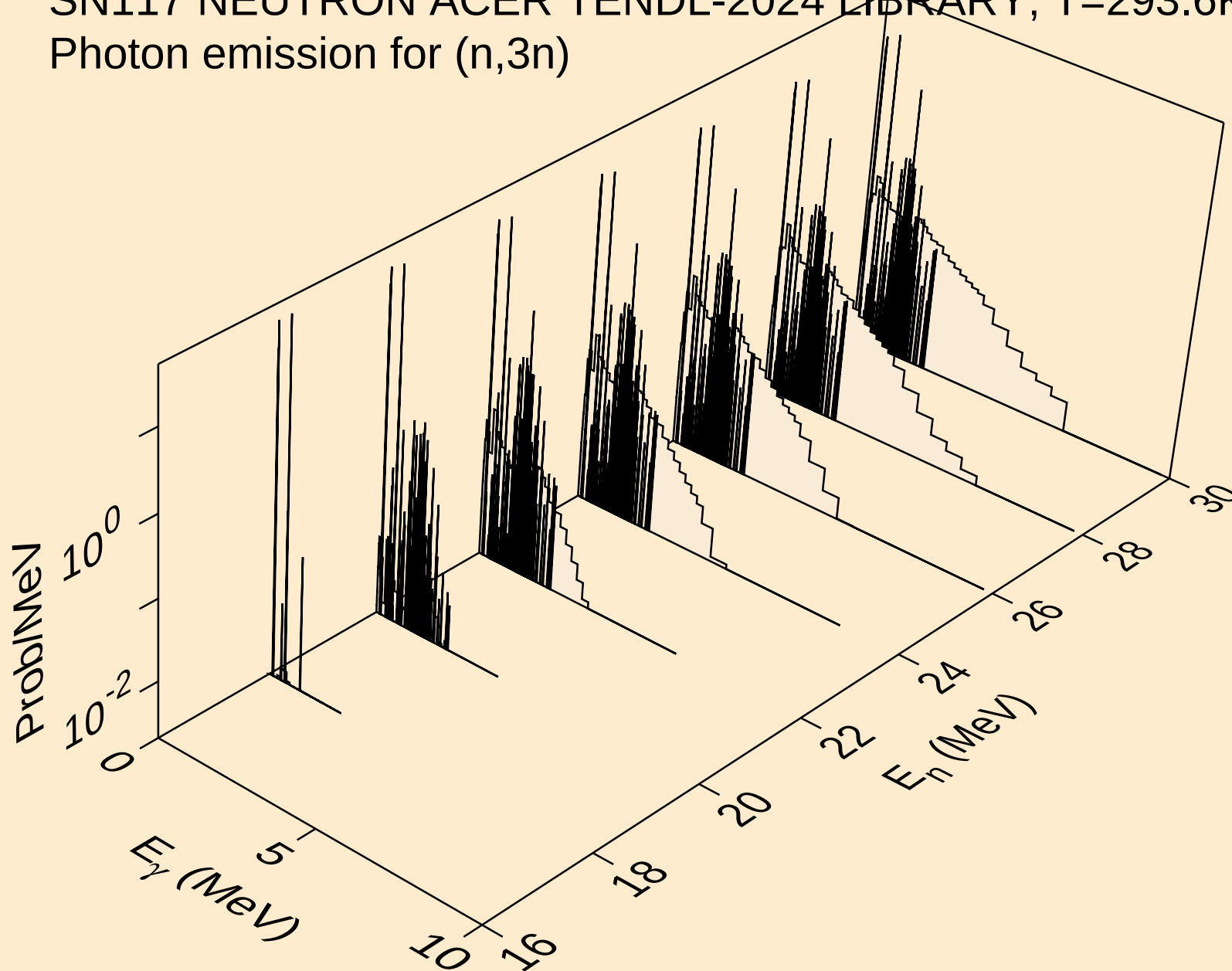
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



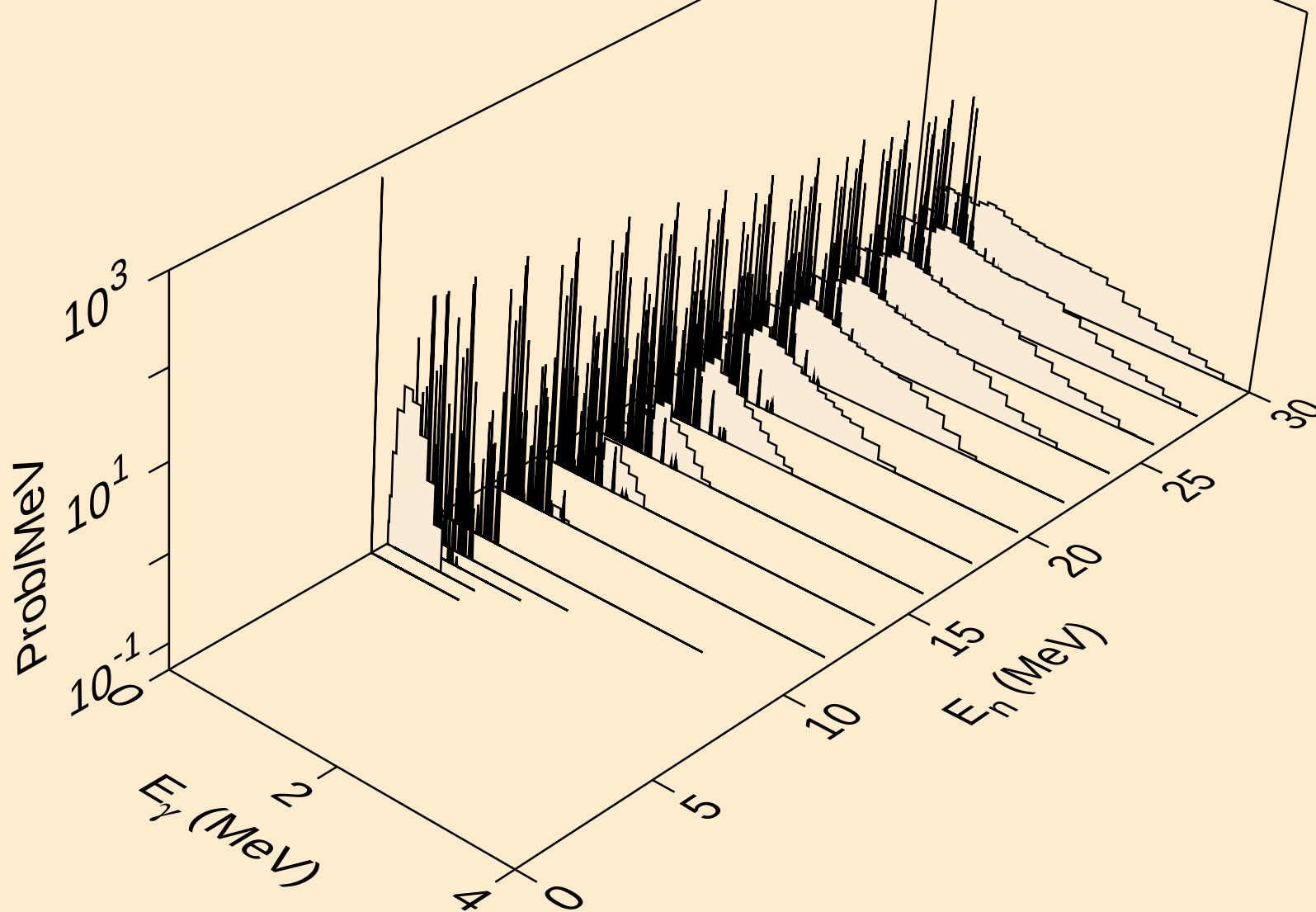
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Photon emission for (n,2n)



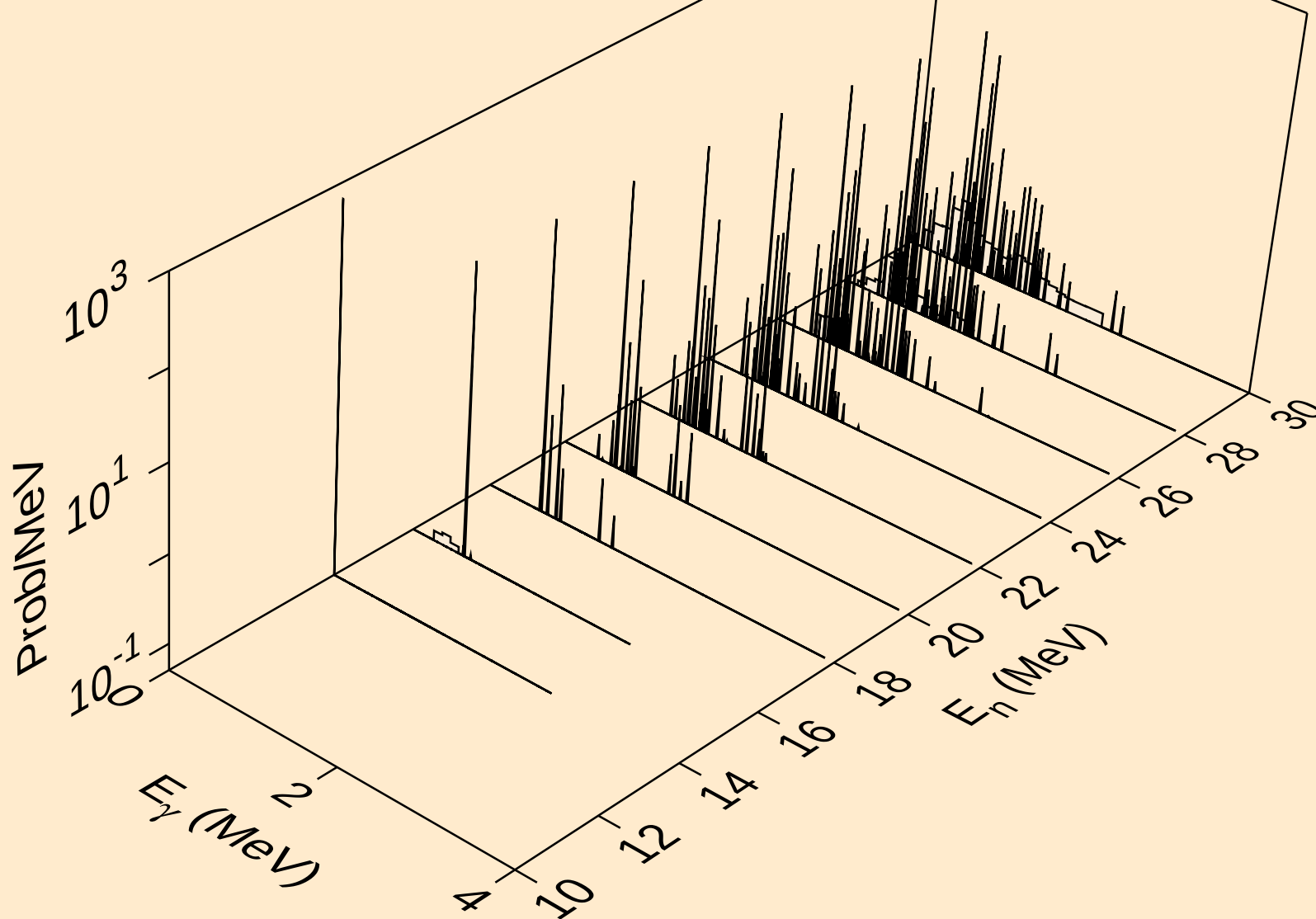
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



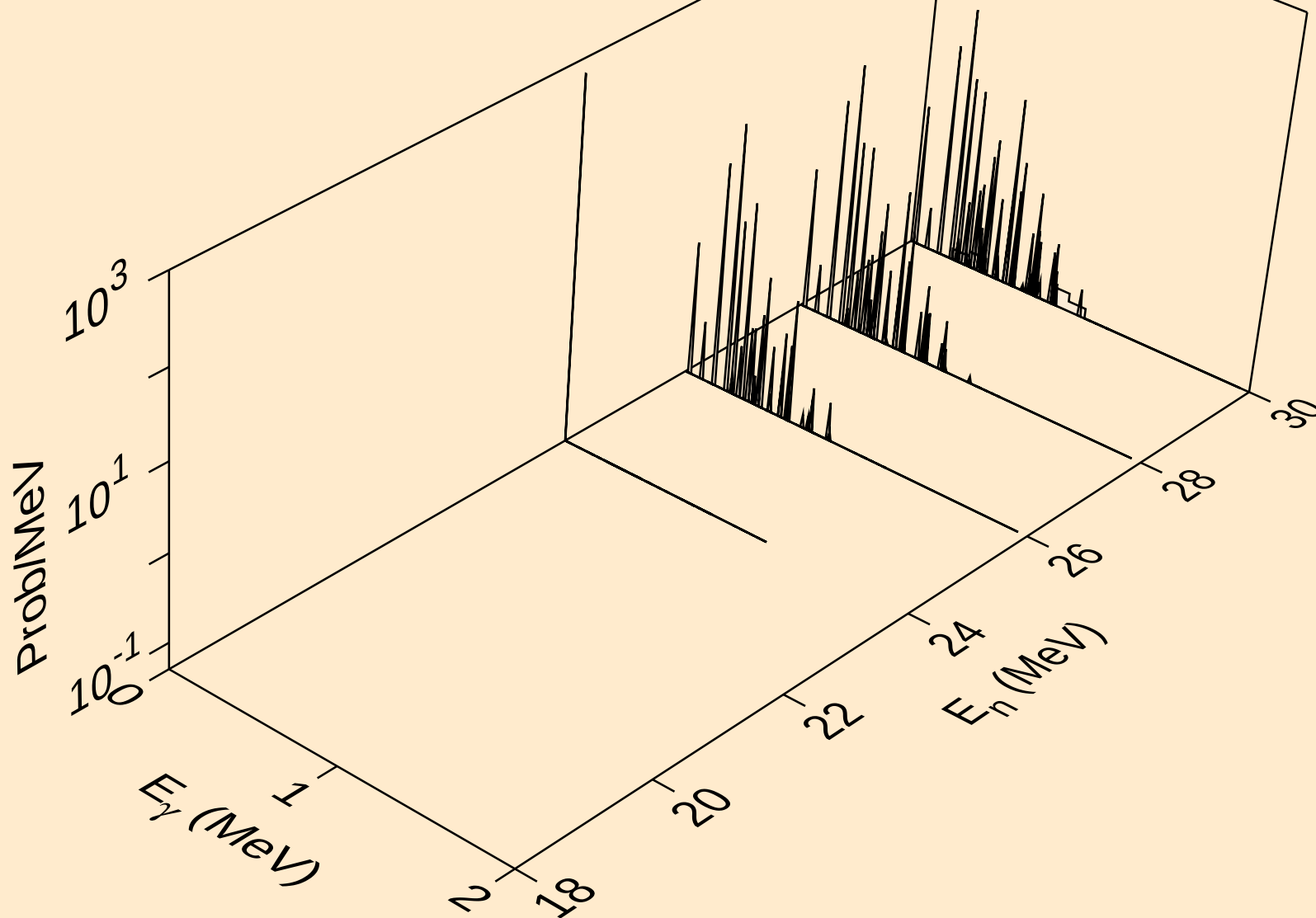
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



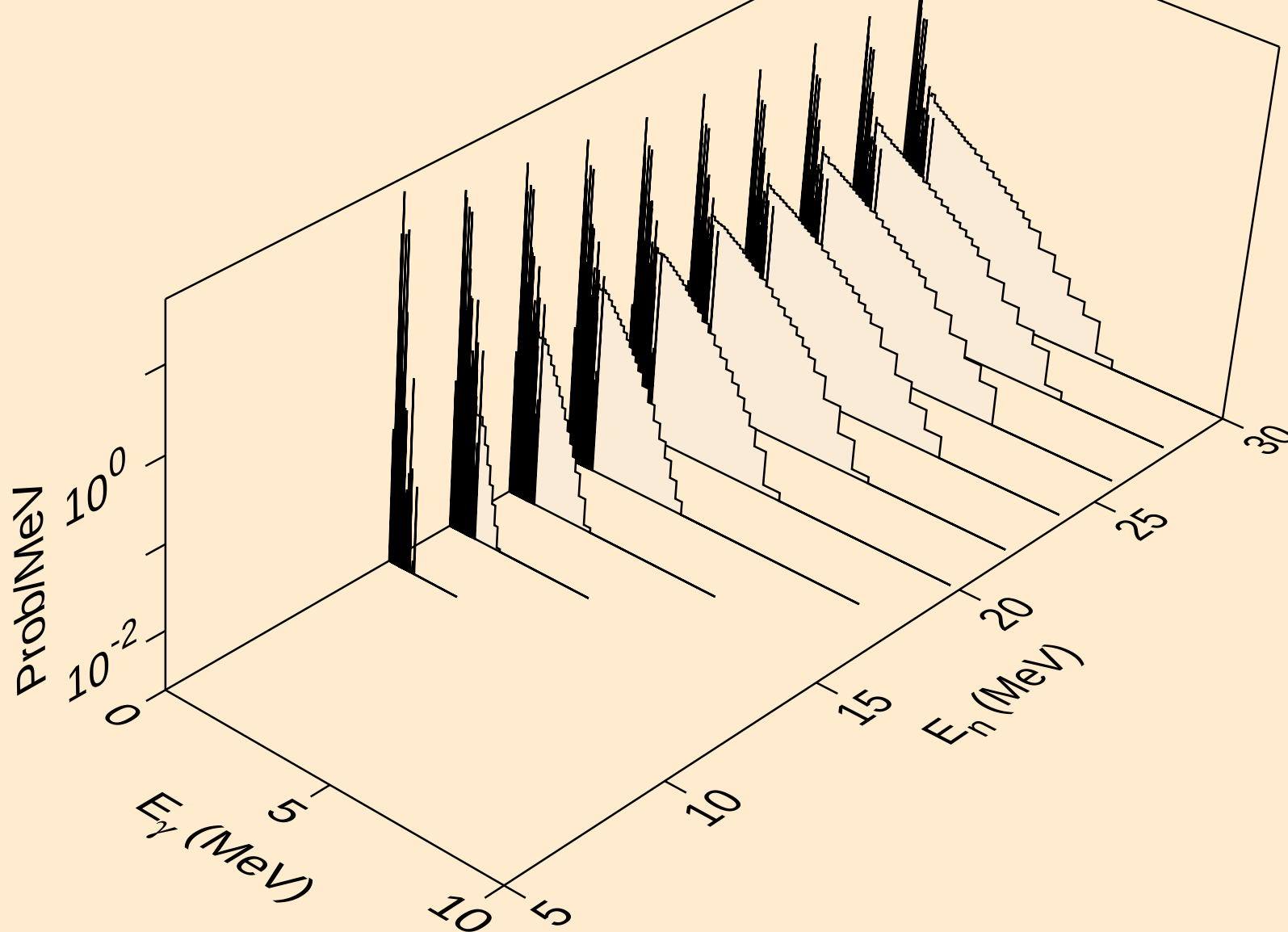
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



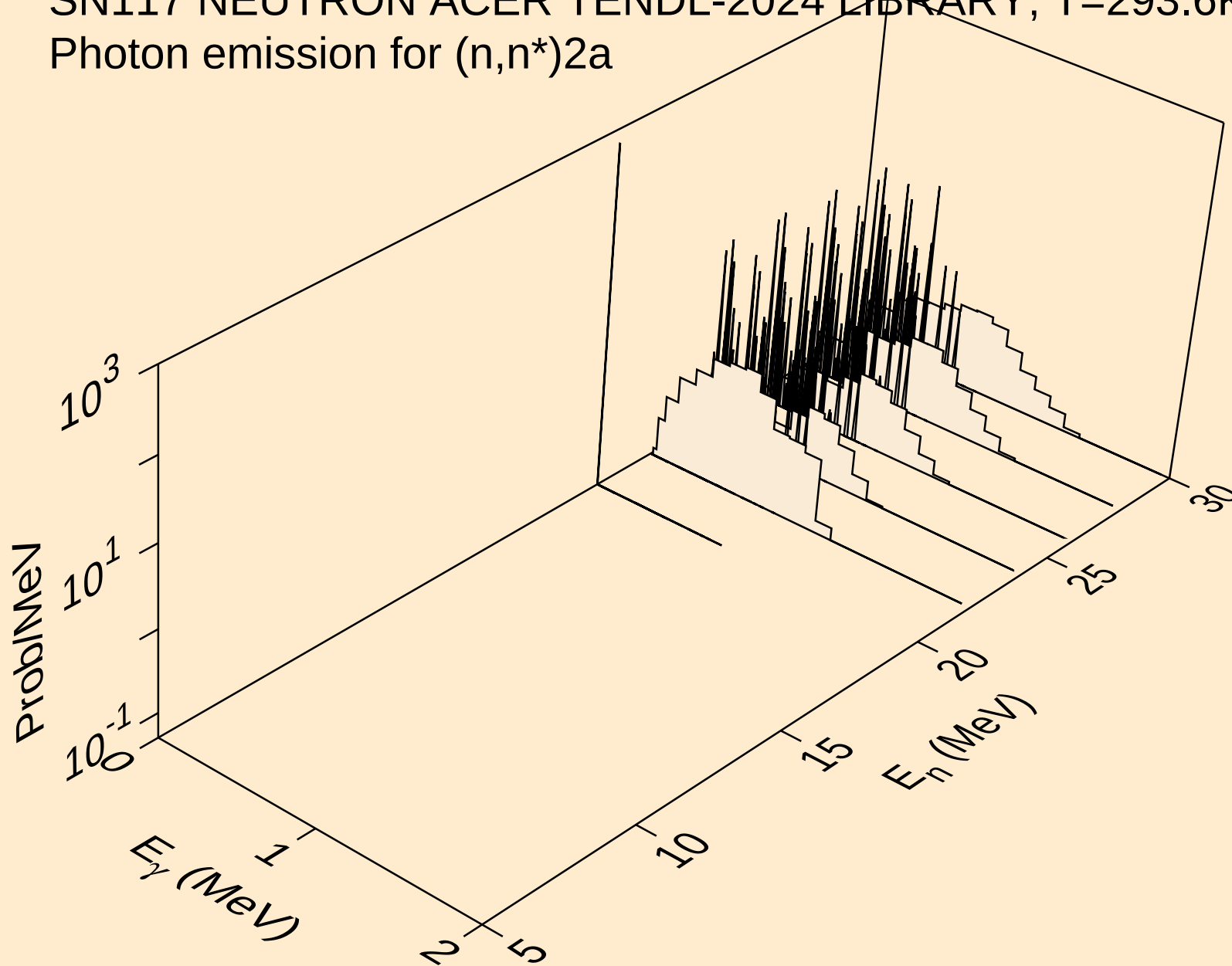
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



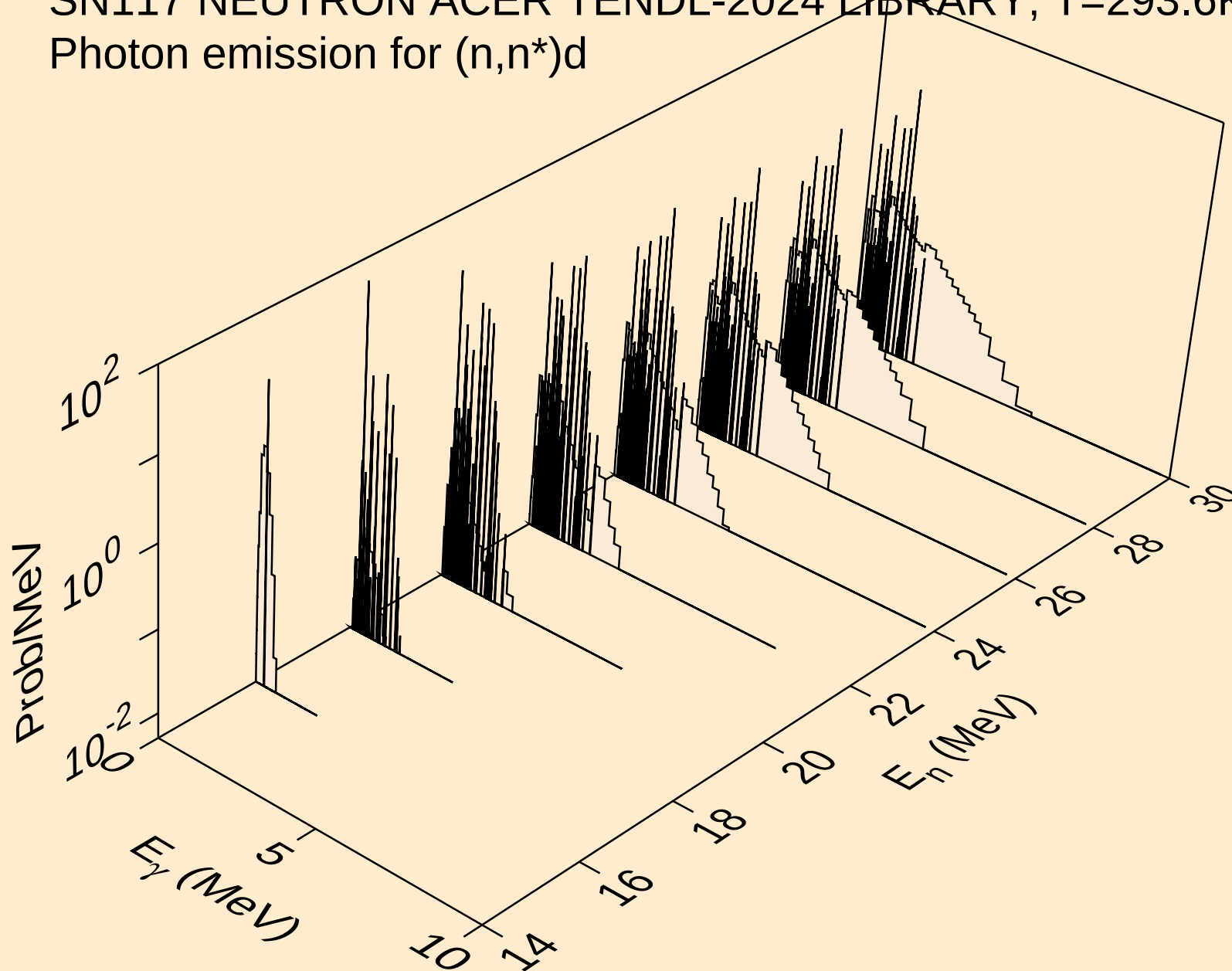
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



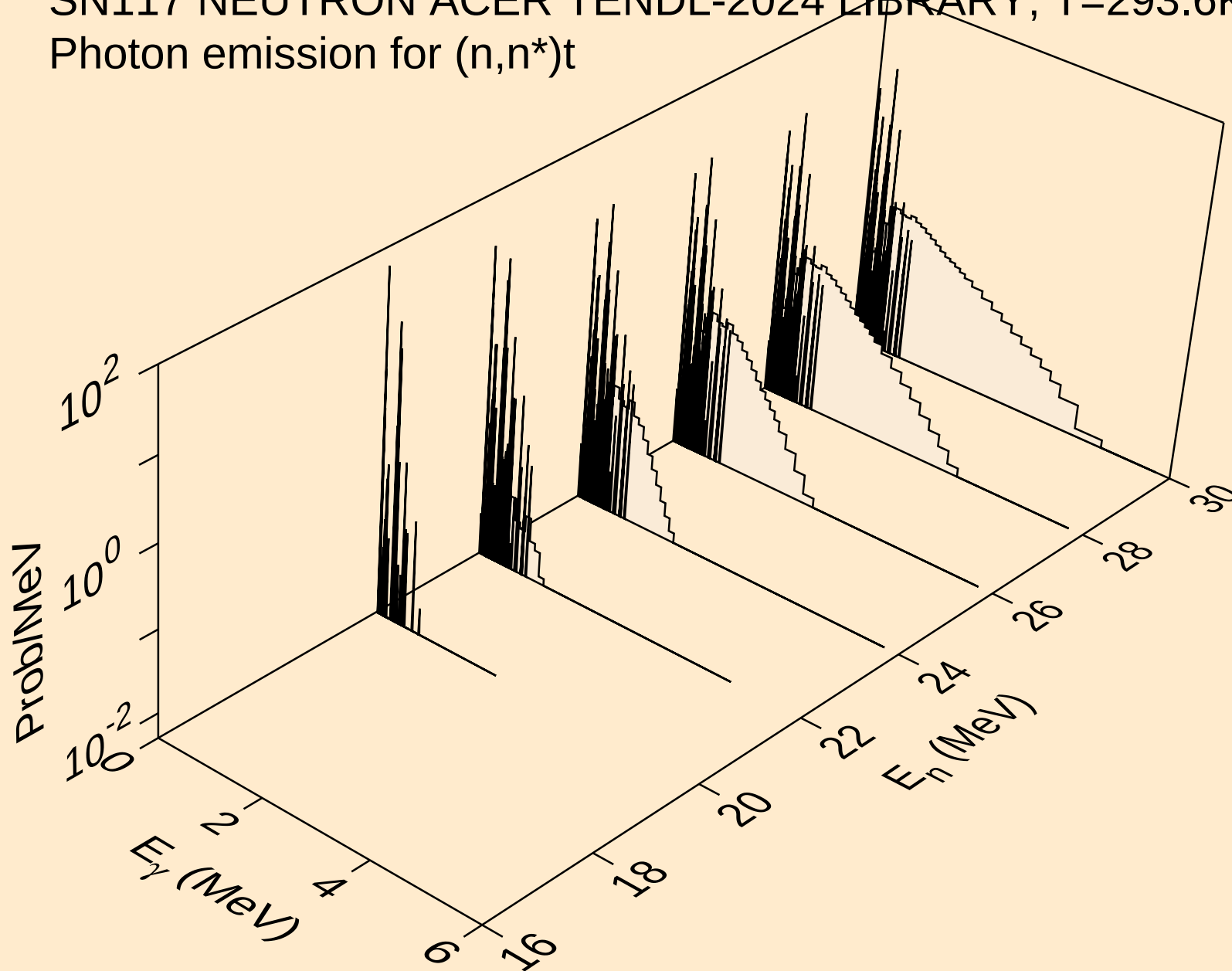
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



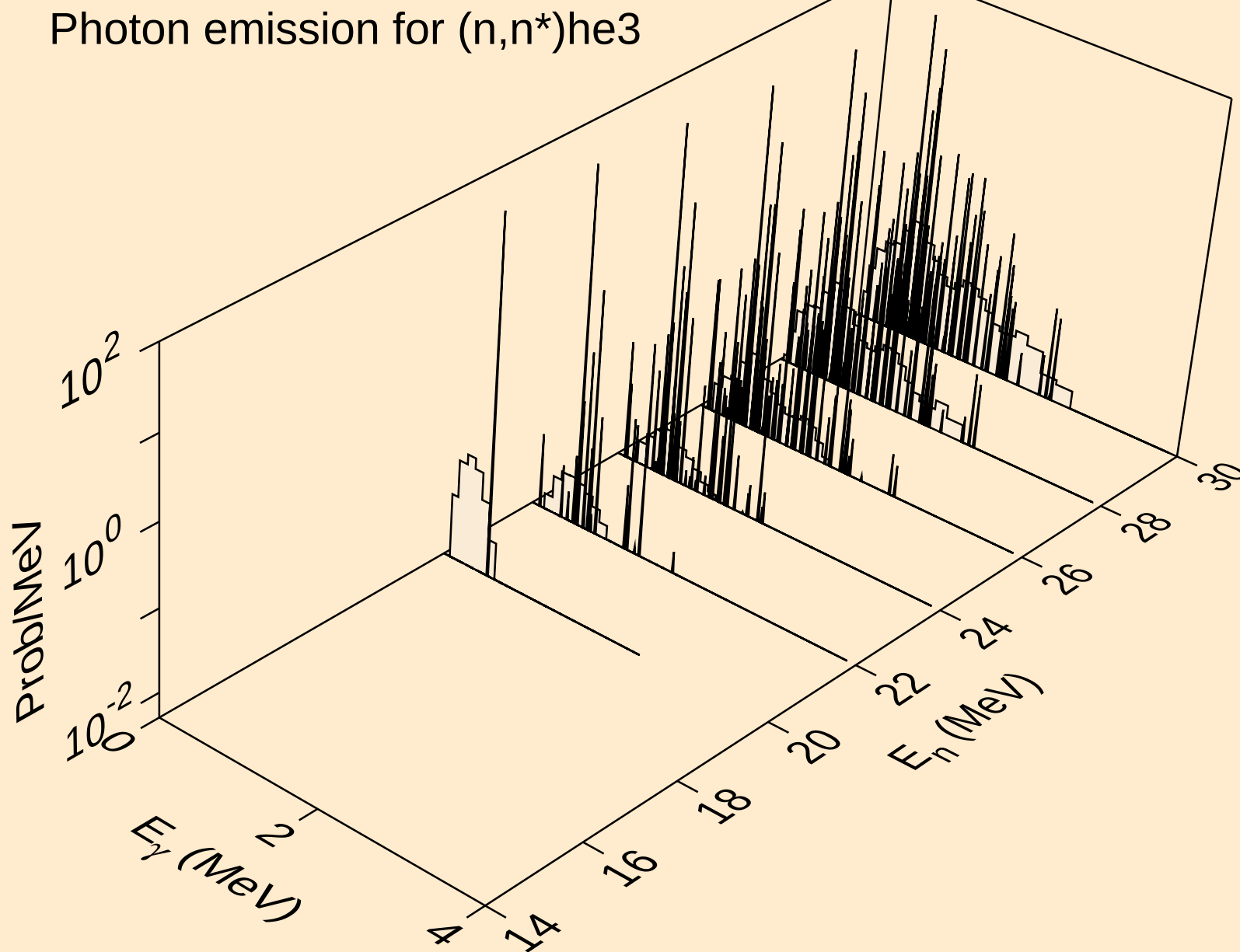
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



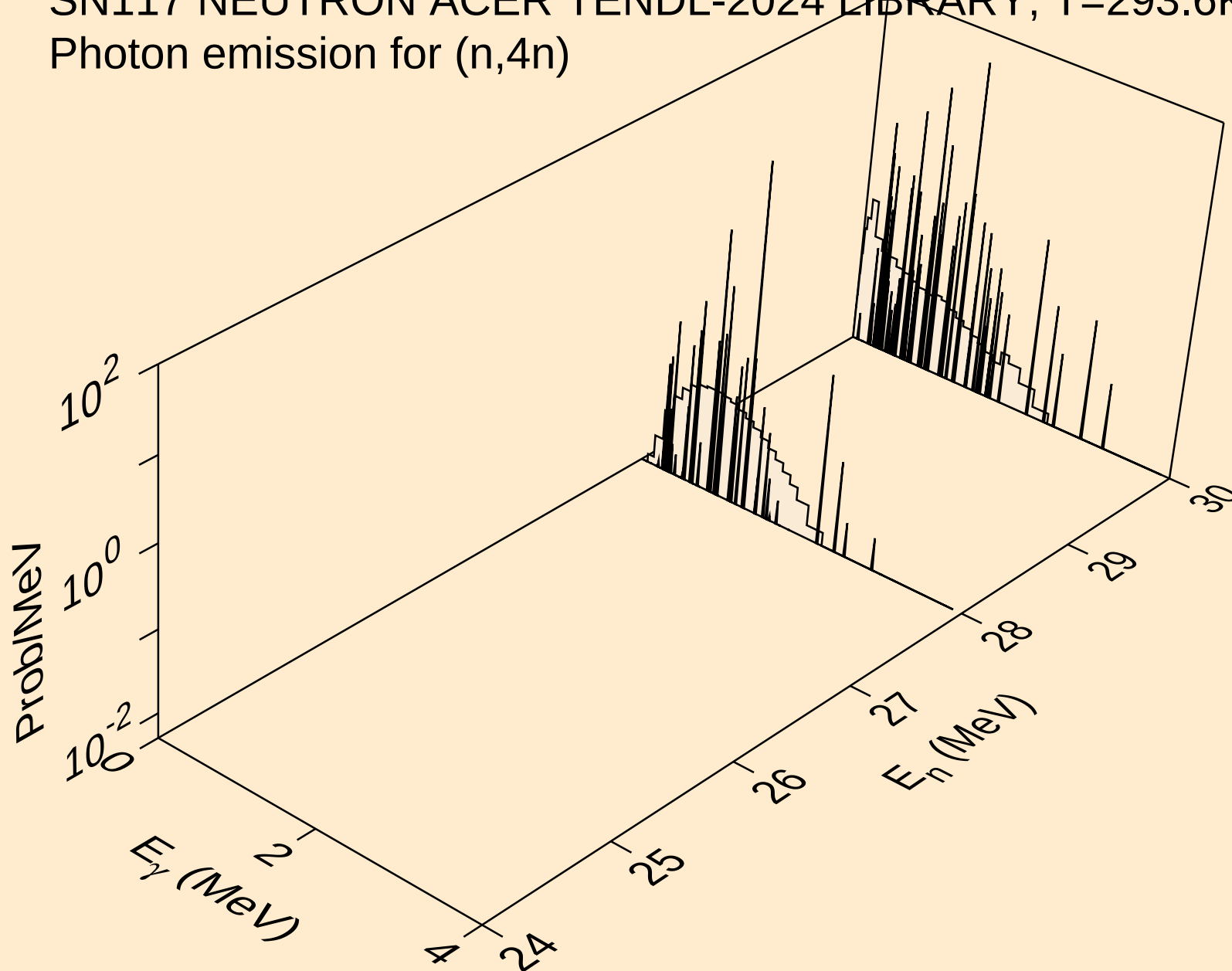
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



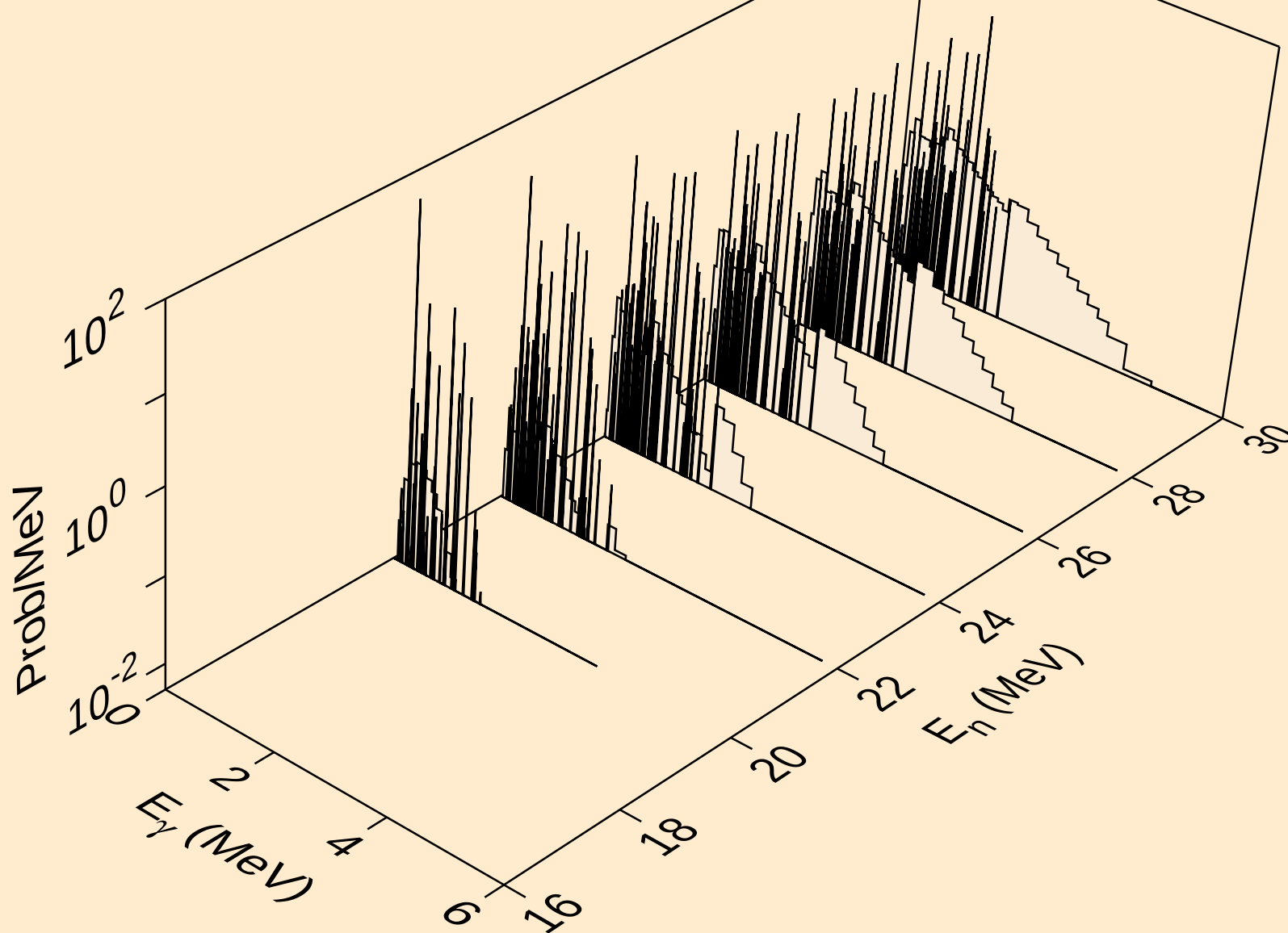
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



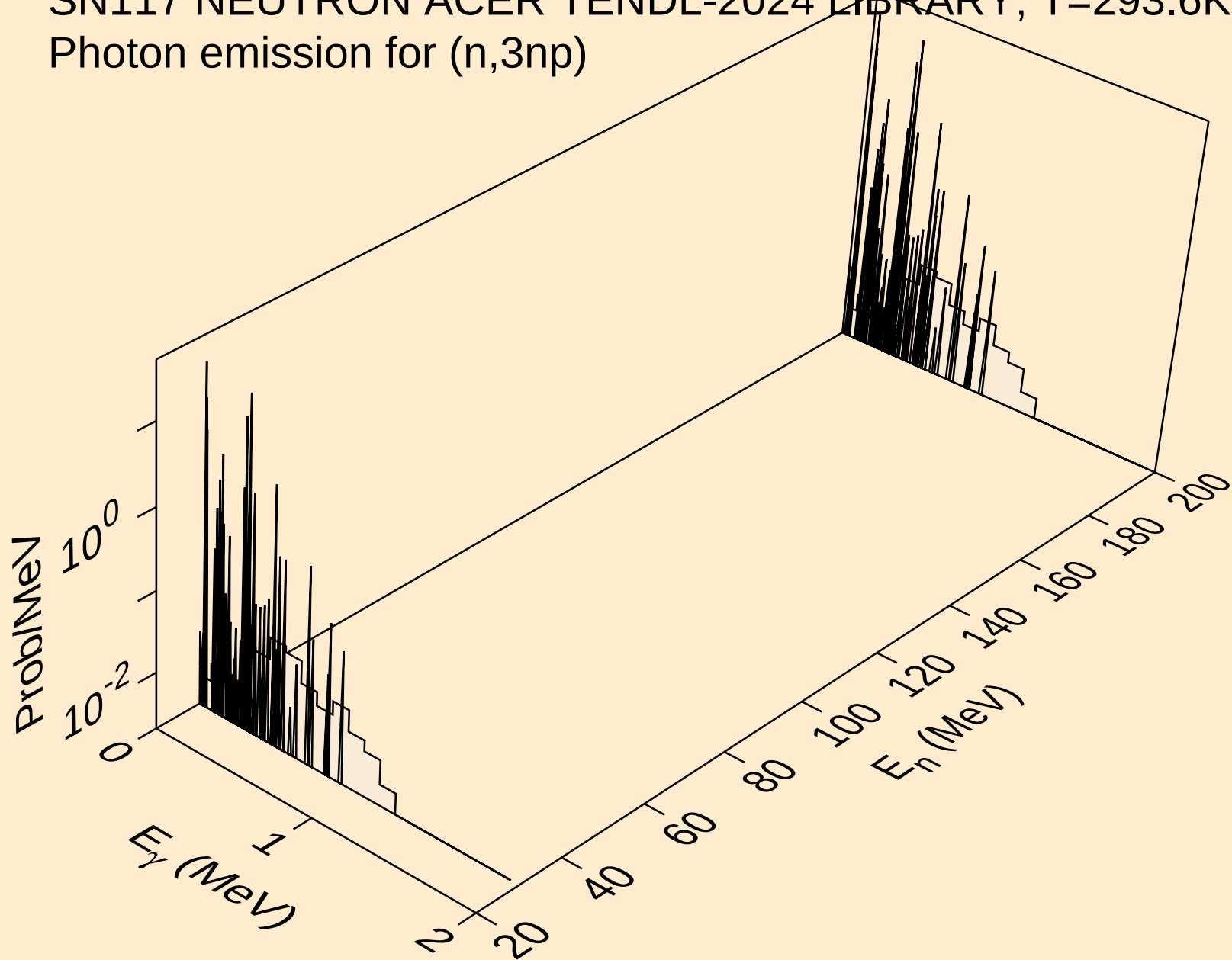
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



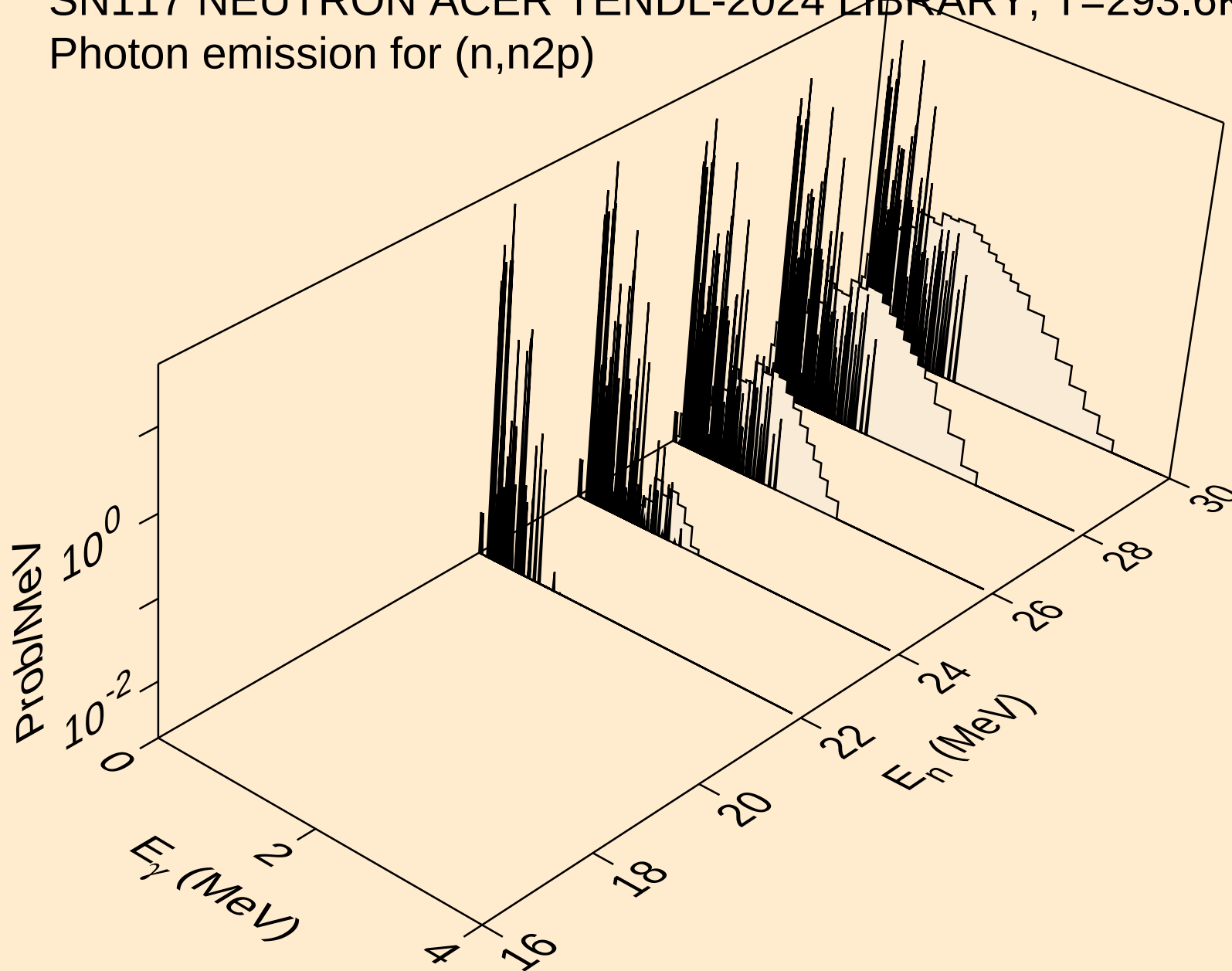
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



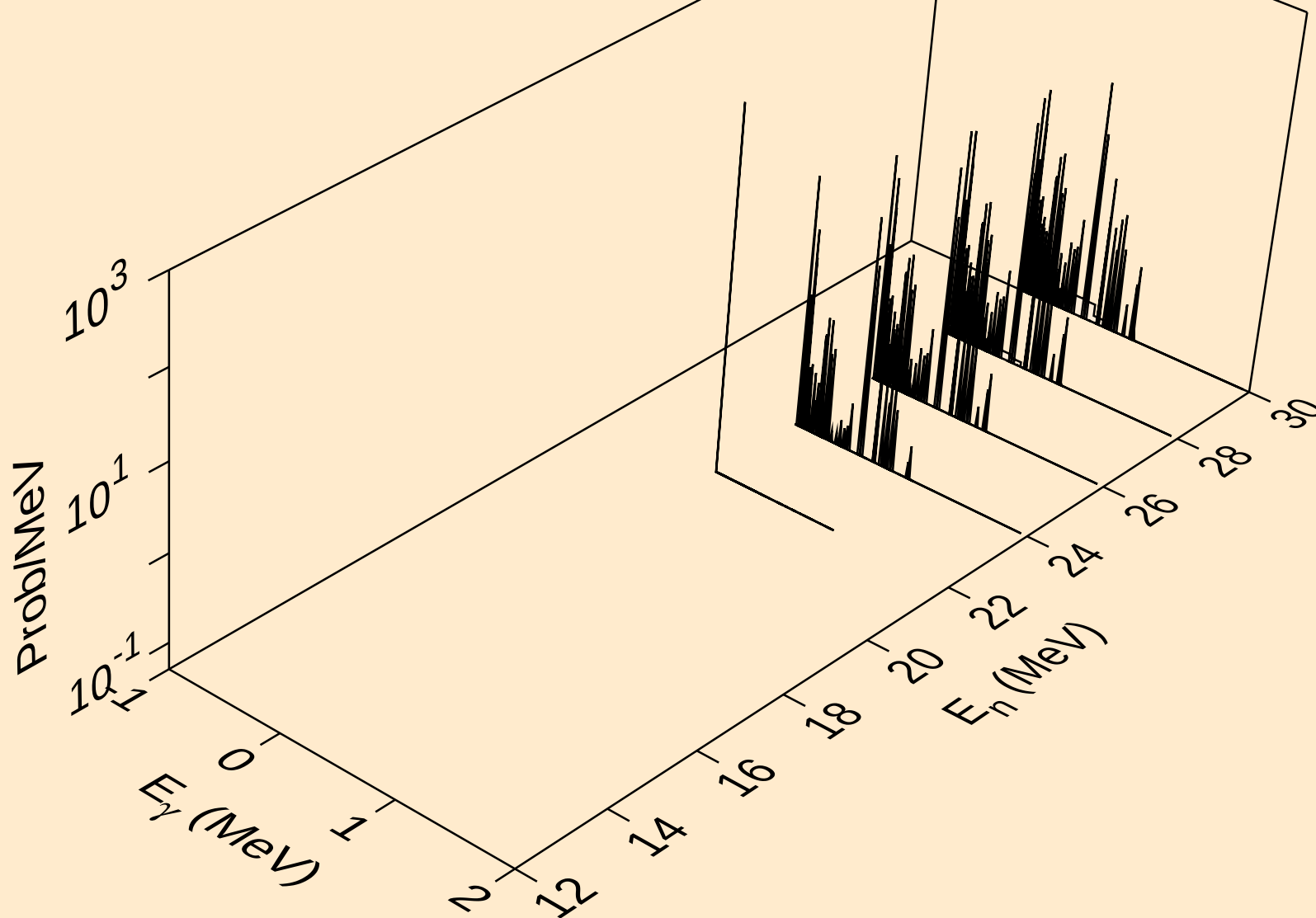
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Photon emission for (n,3np)



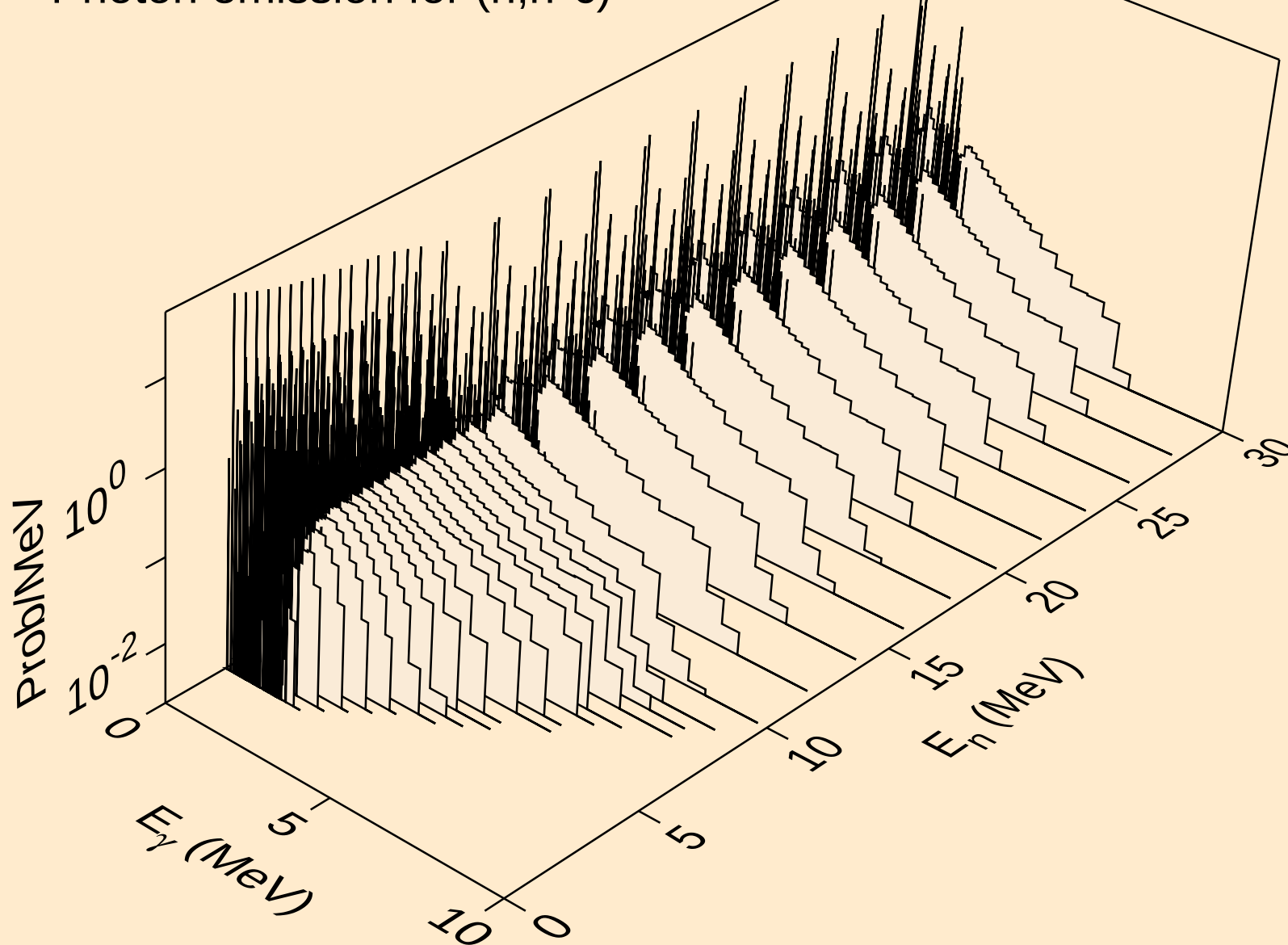
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



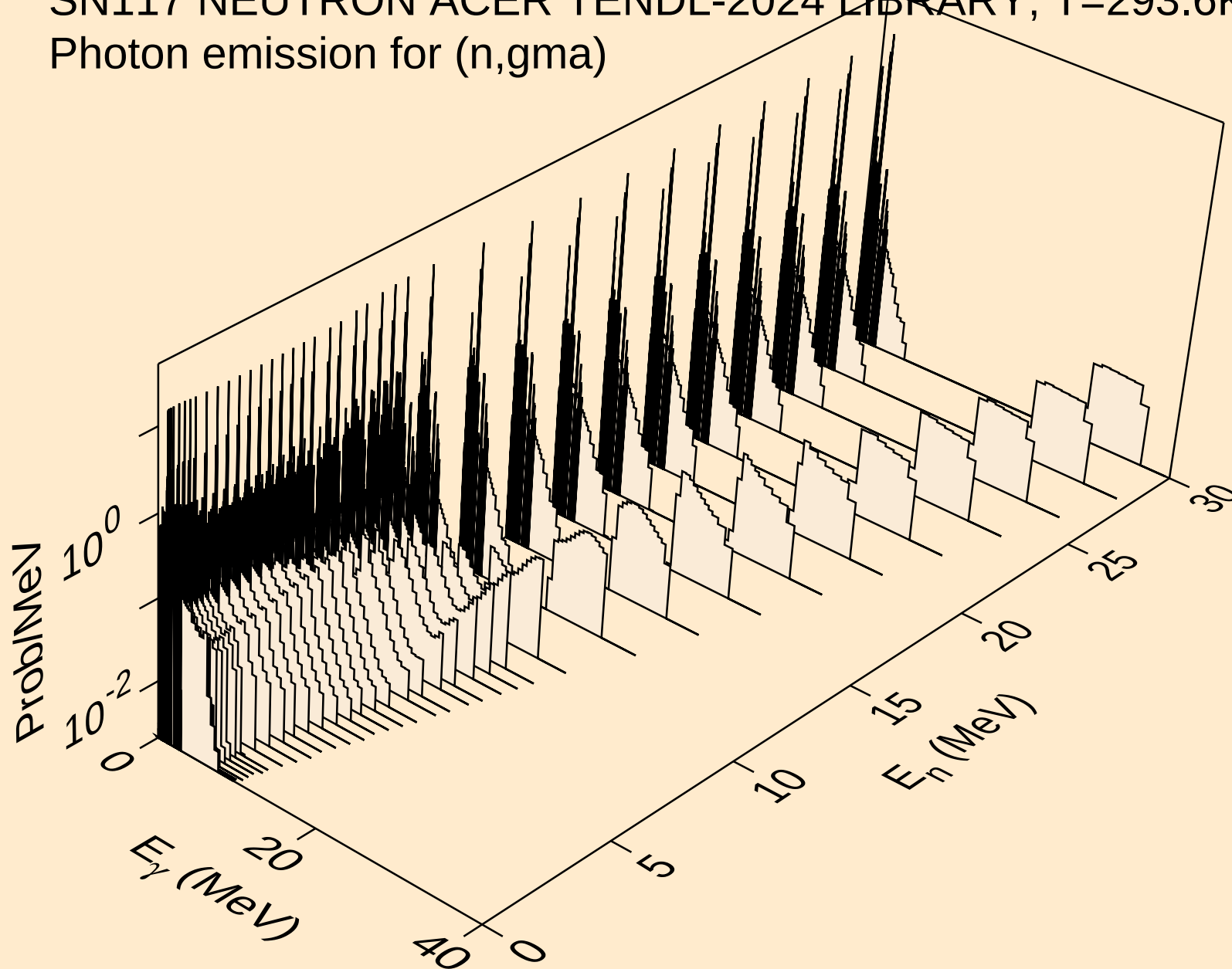
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



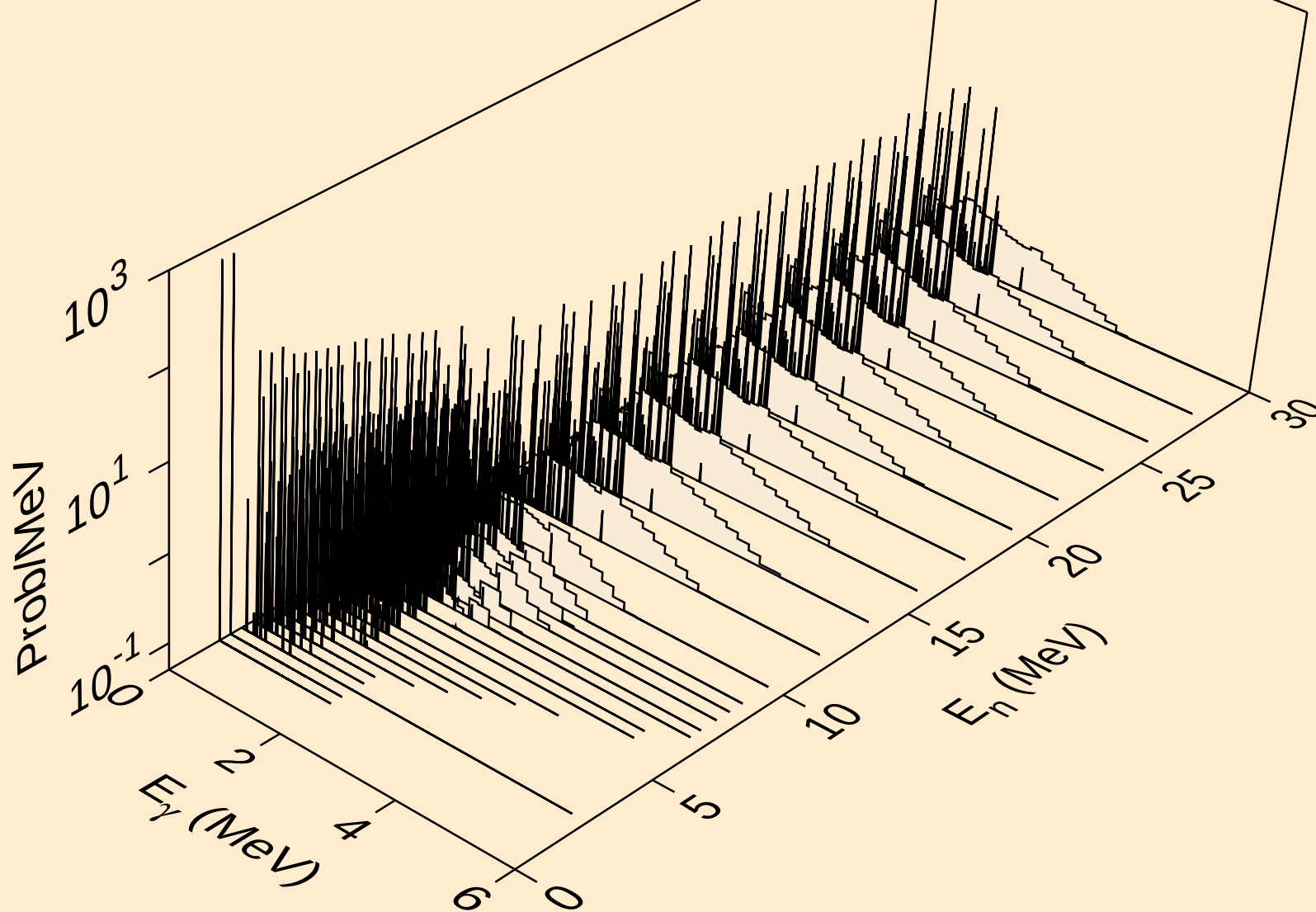
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



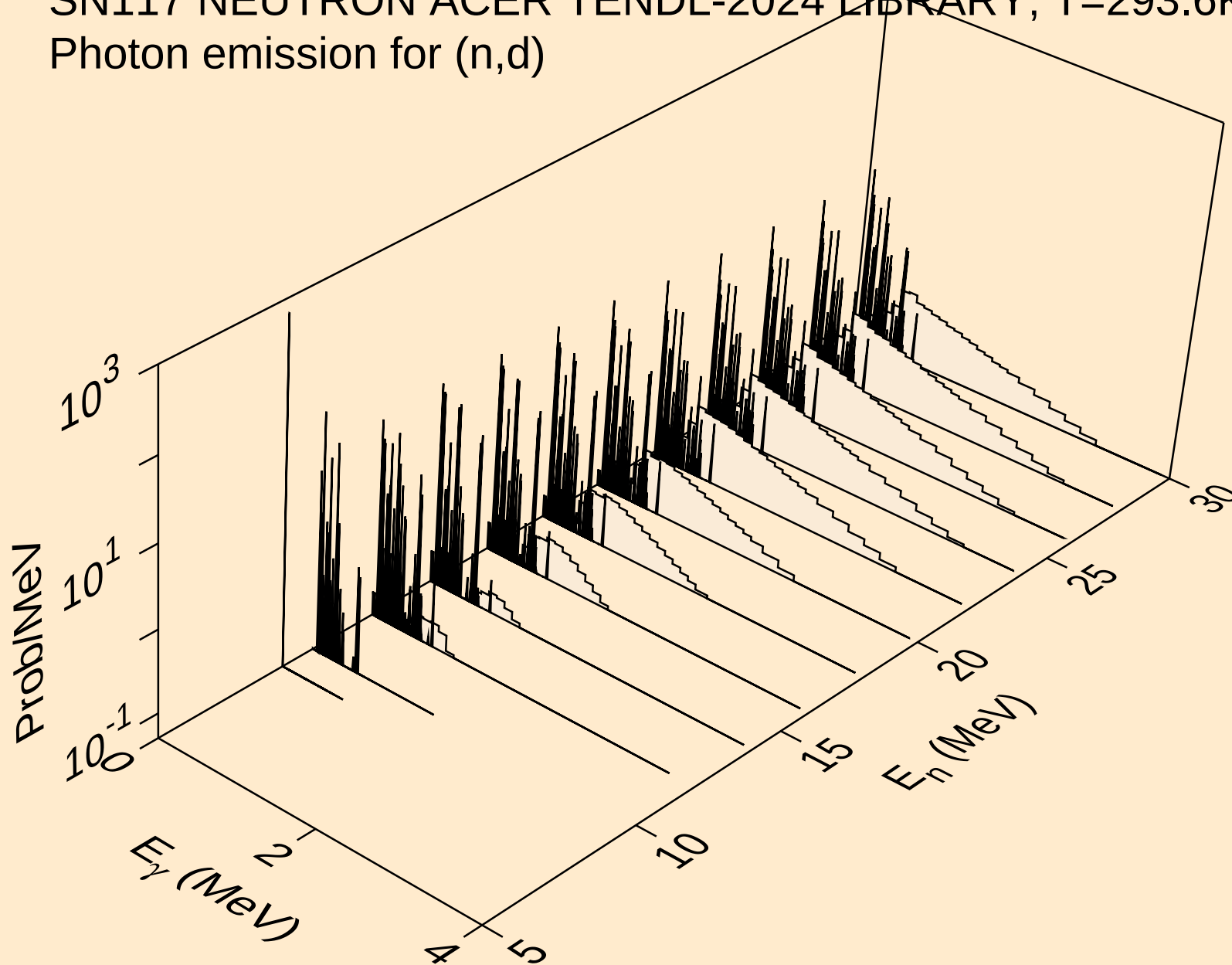
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



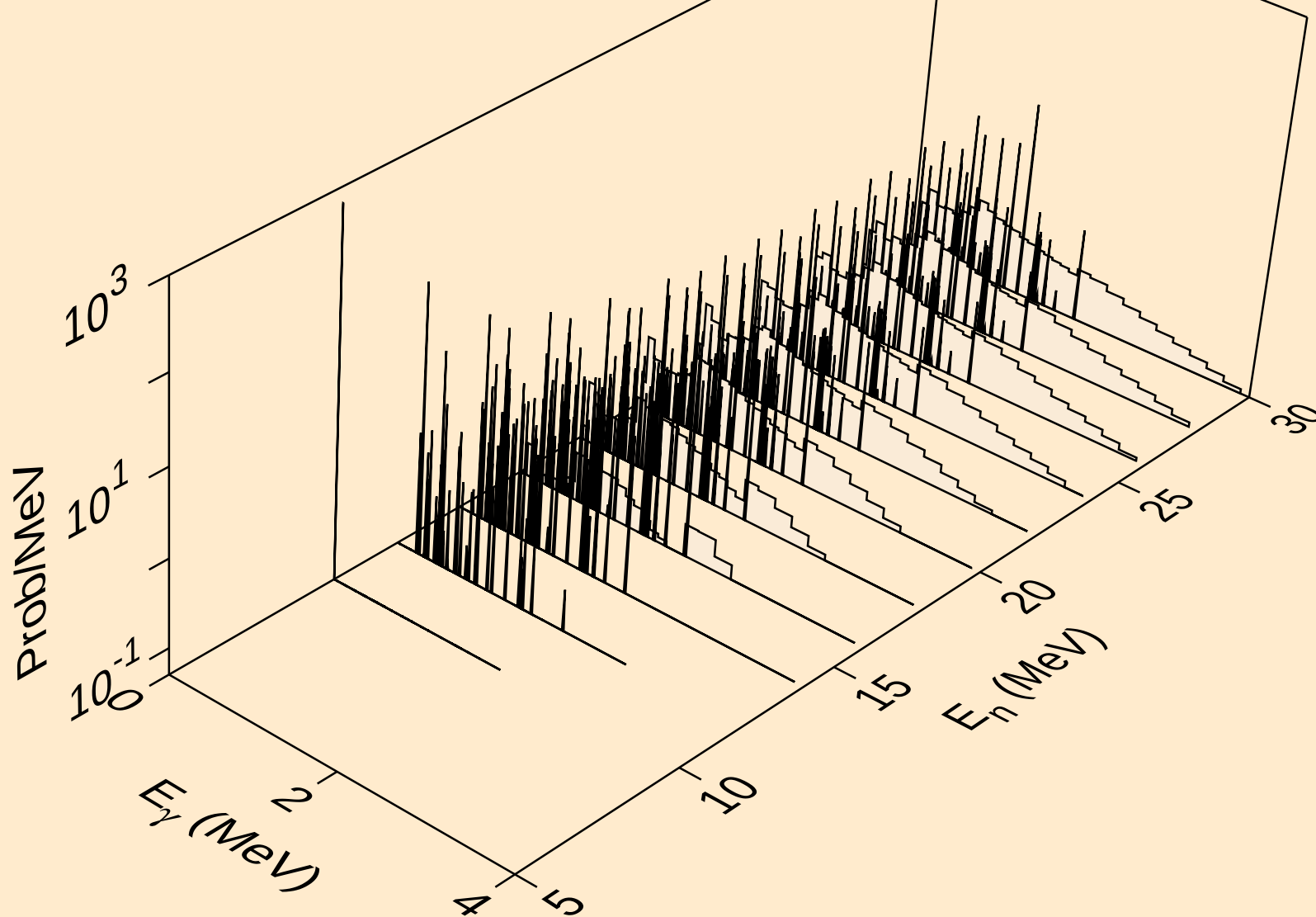
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



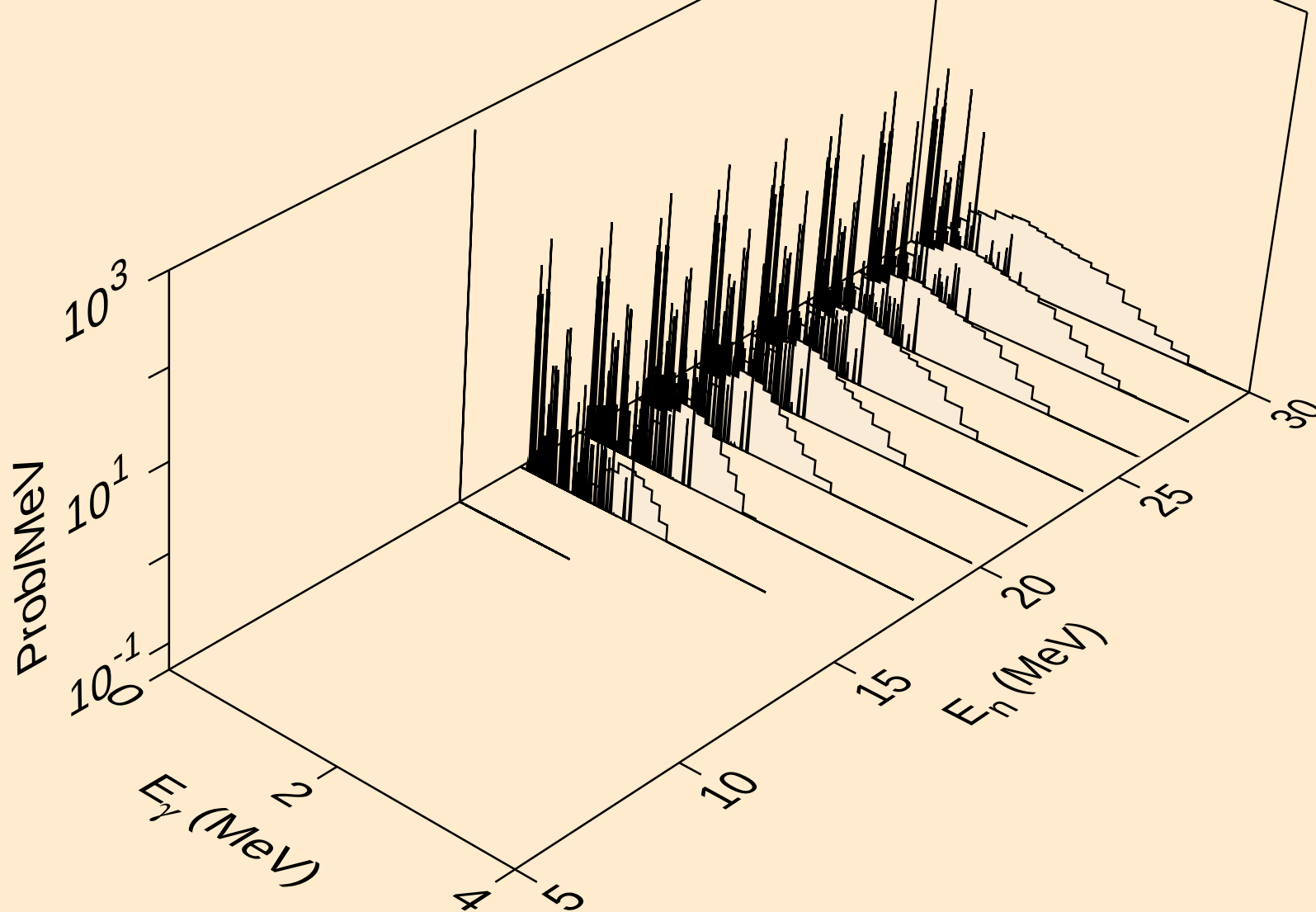
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



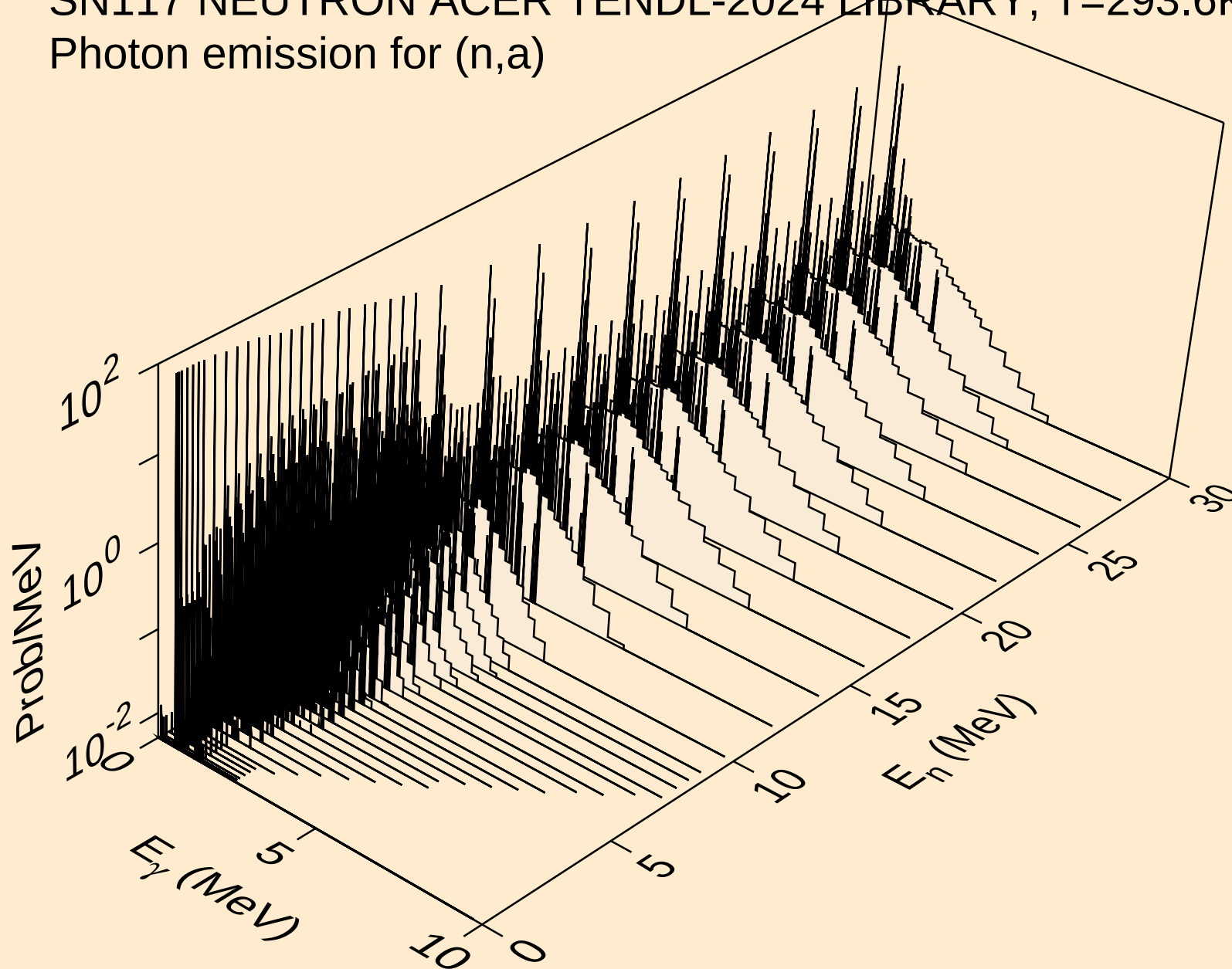
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



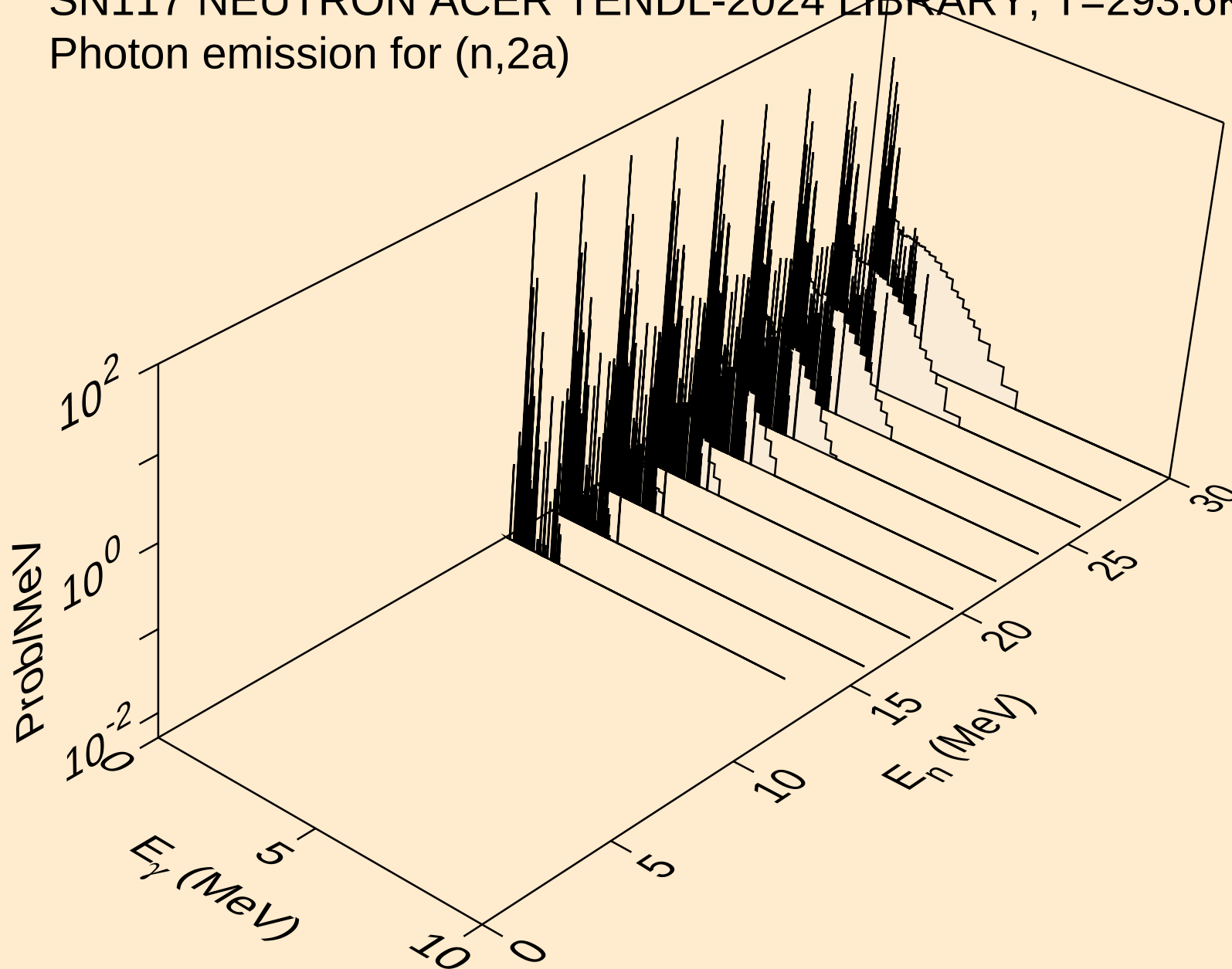
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



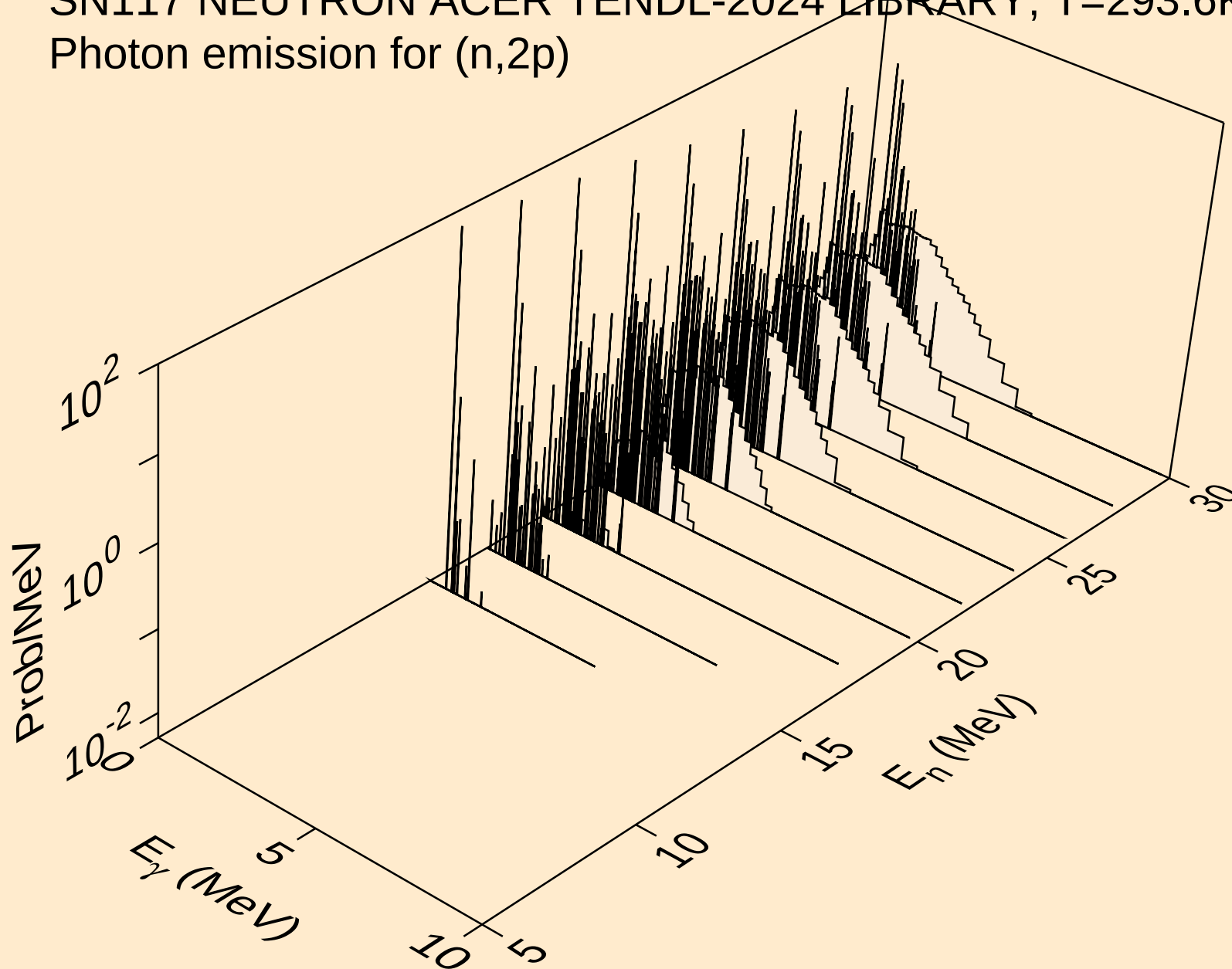
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



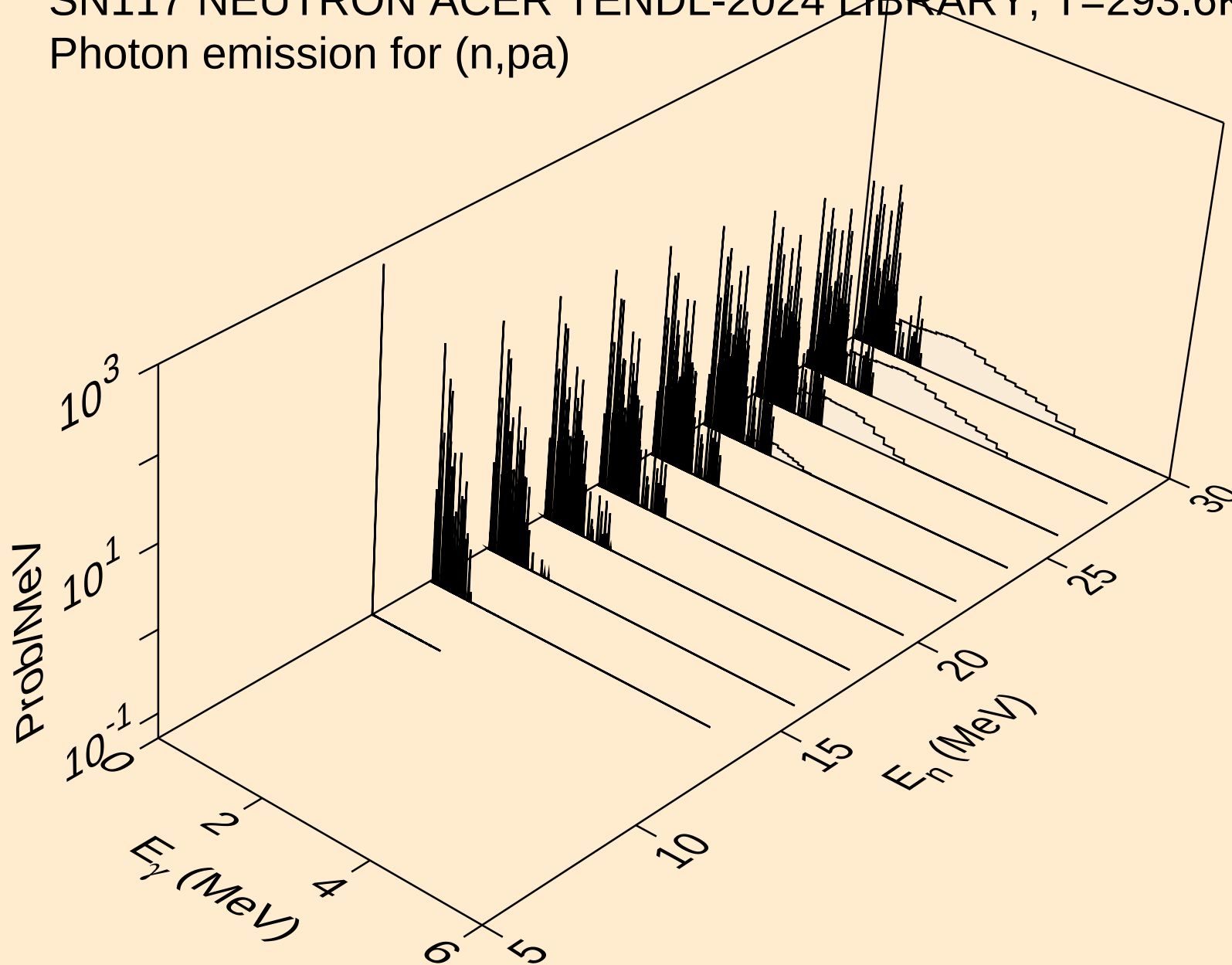
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



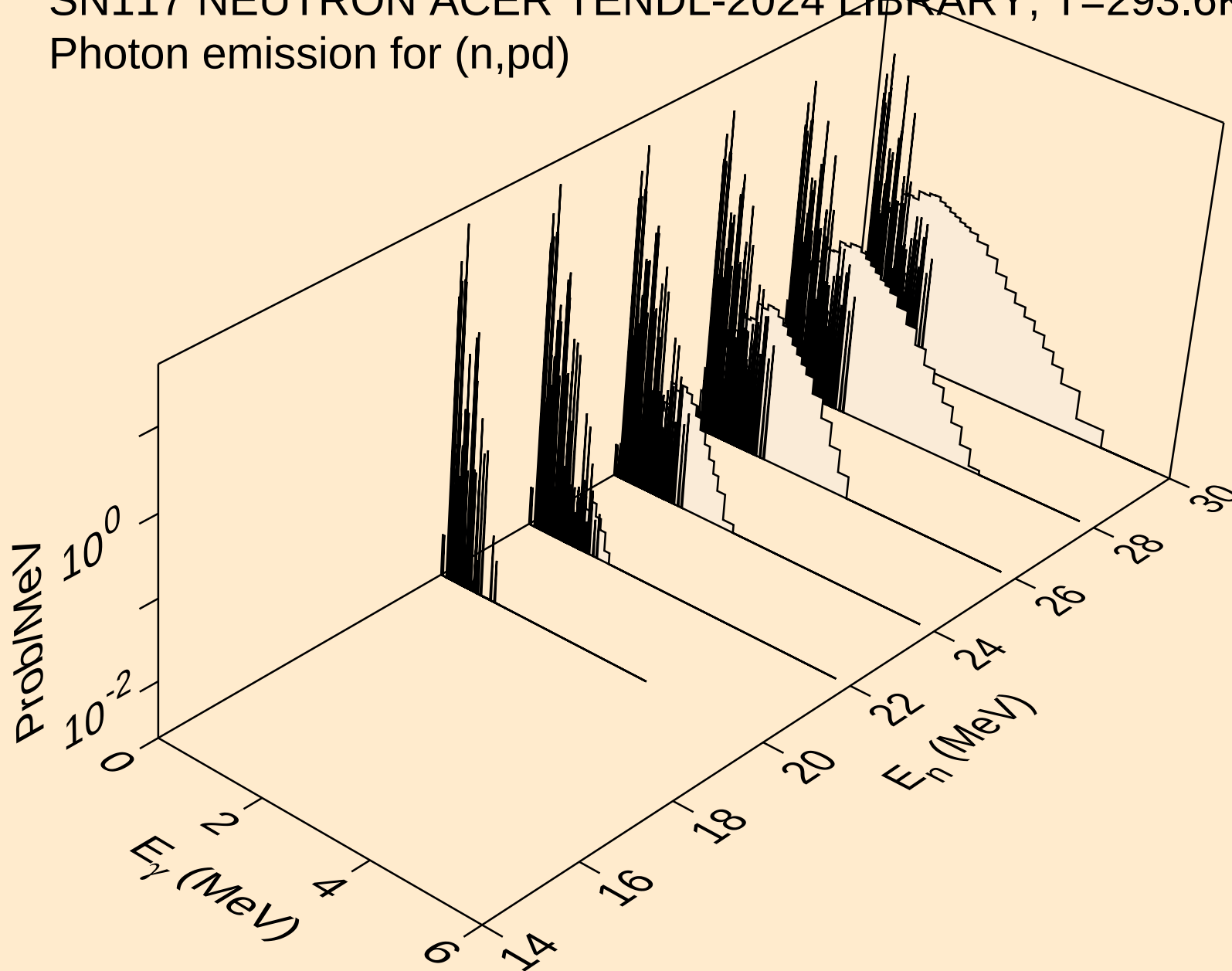
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



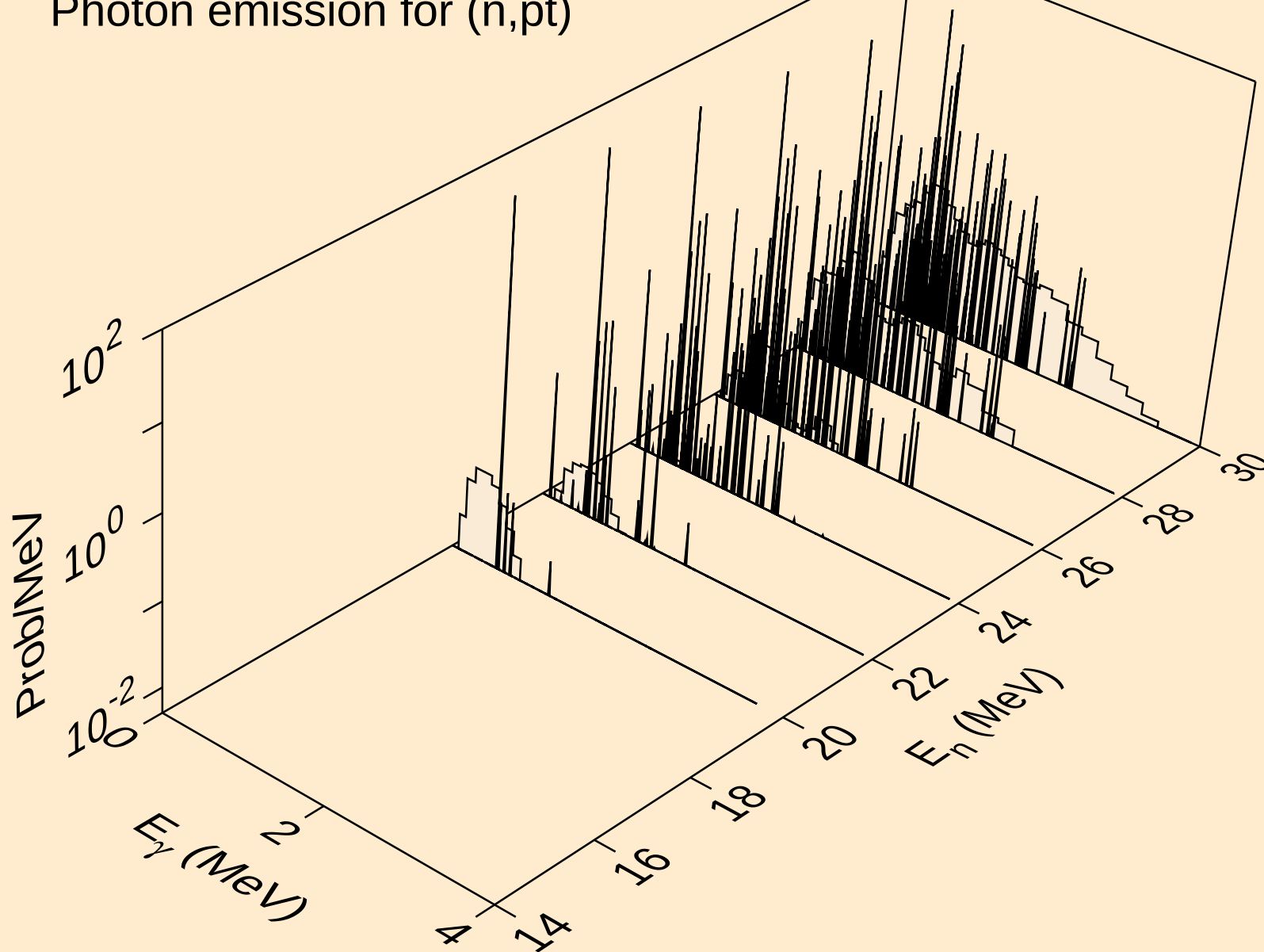
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



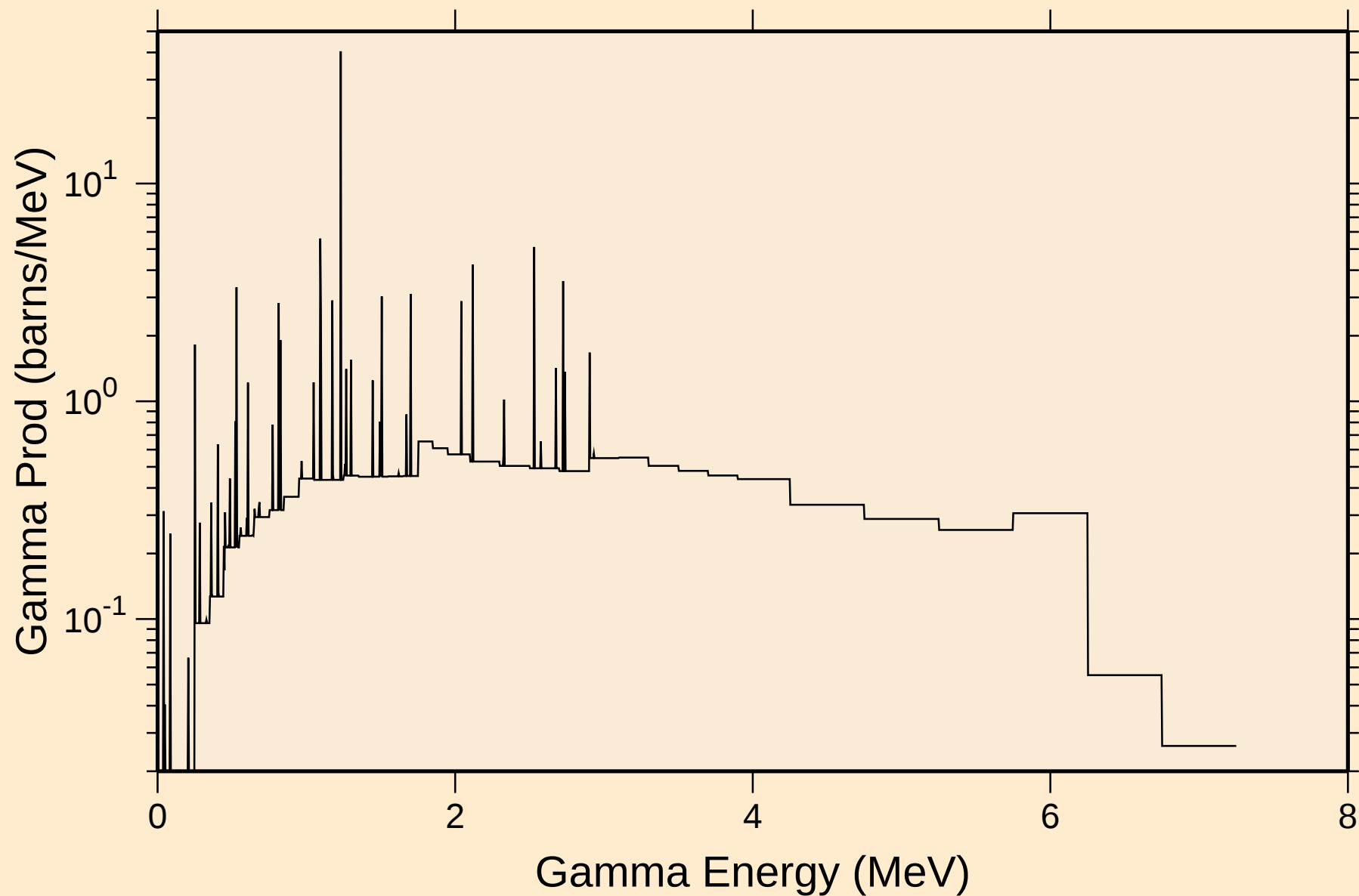
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



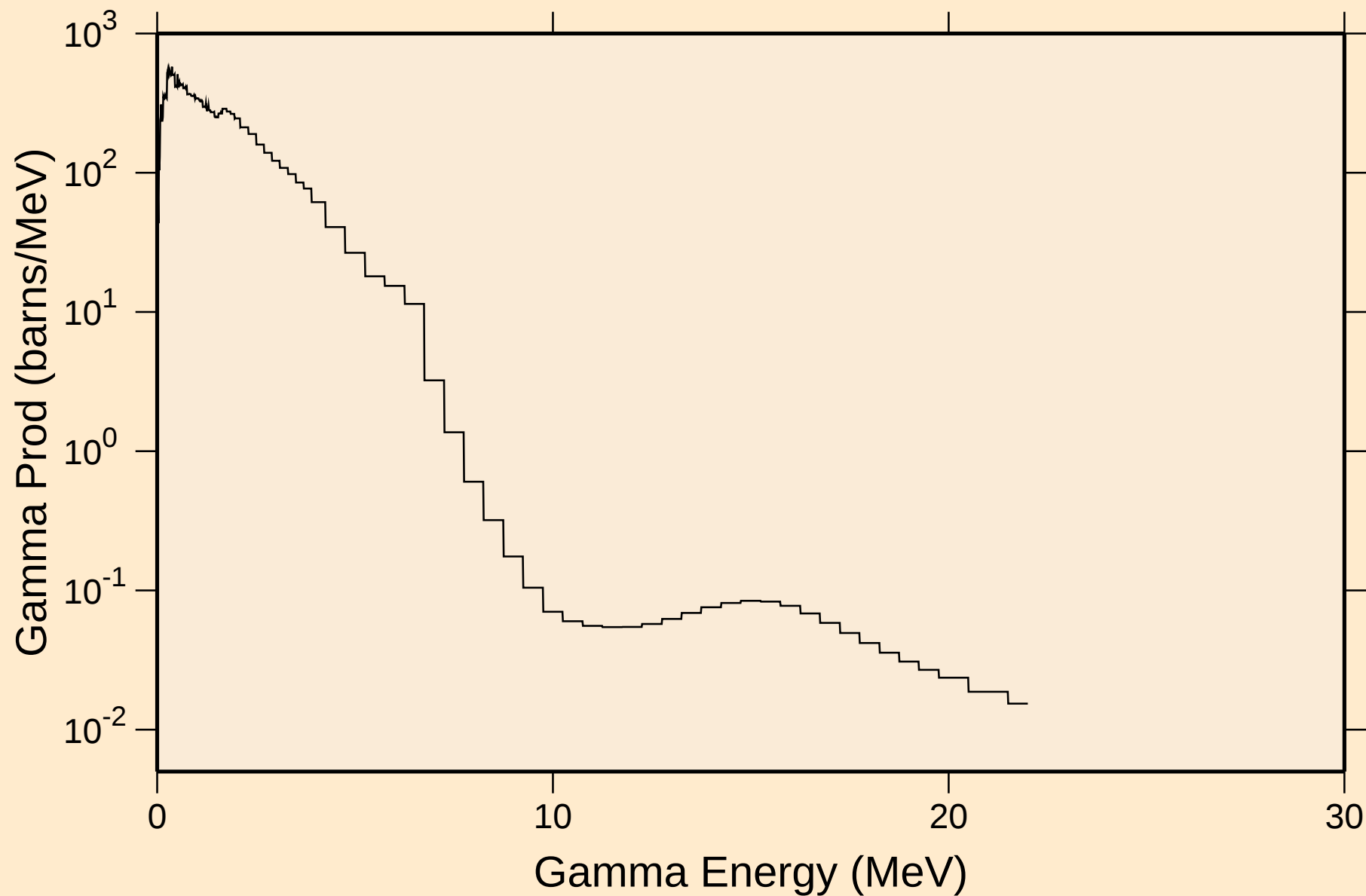
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

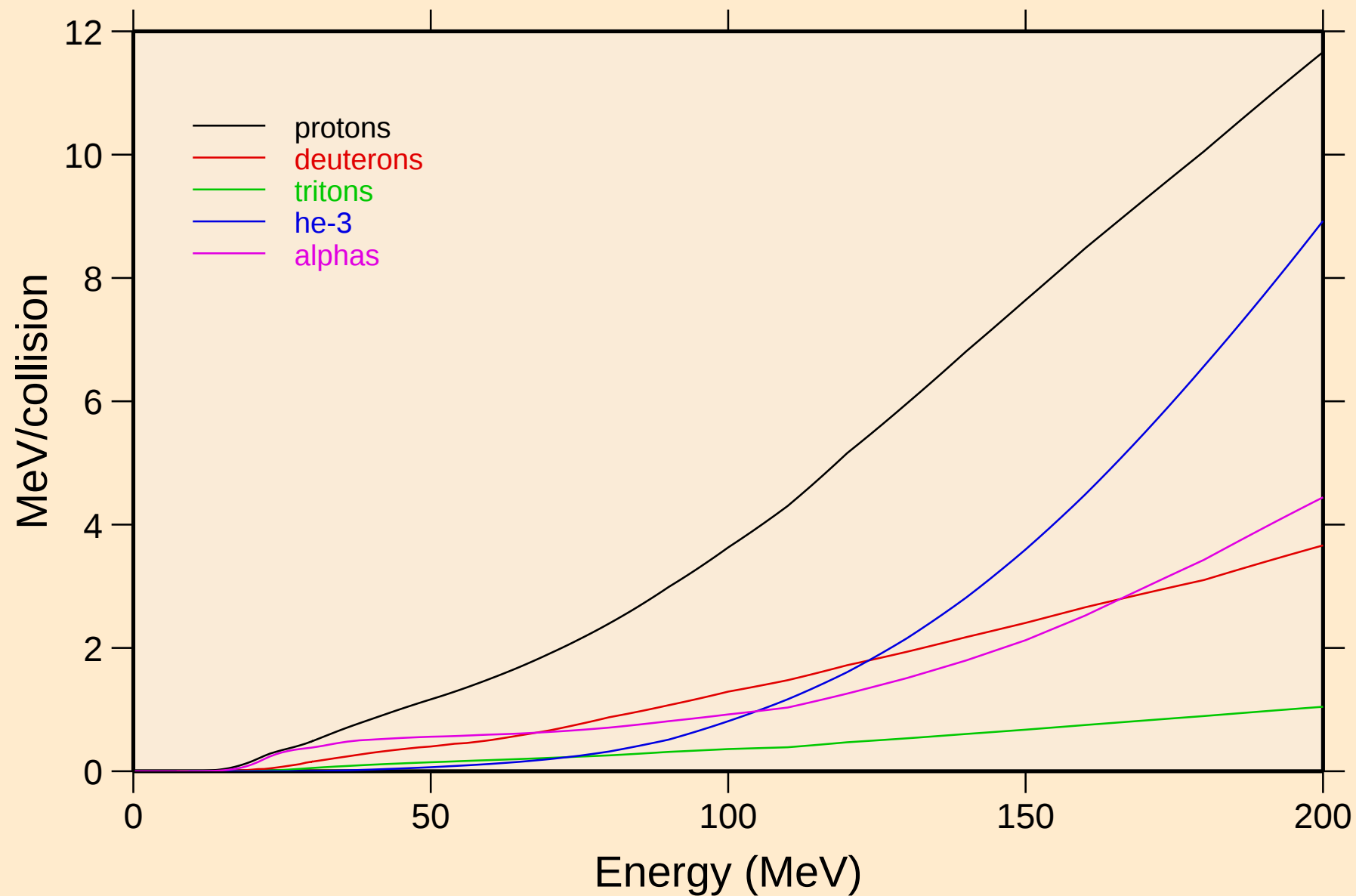


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



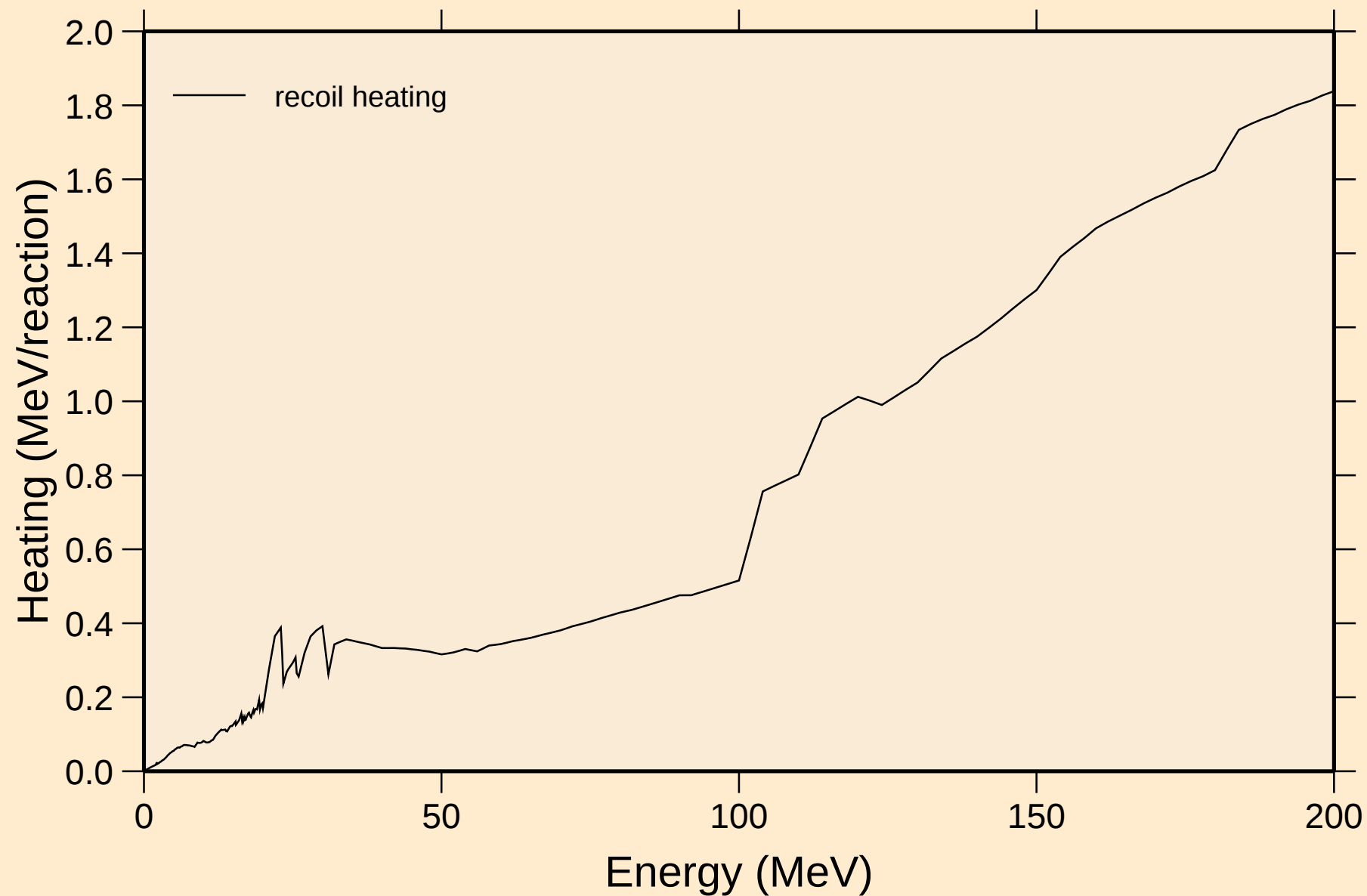
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Particle heating contributions

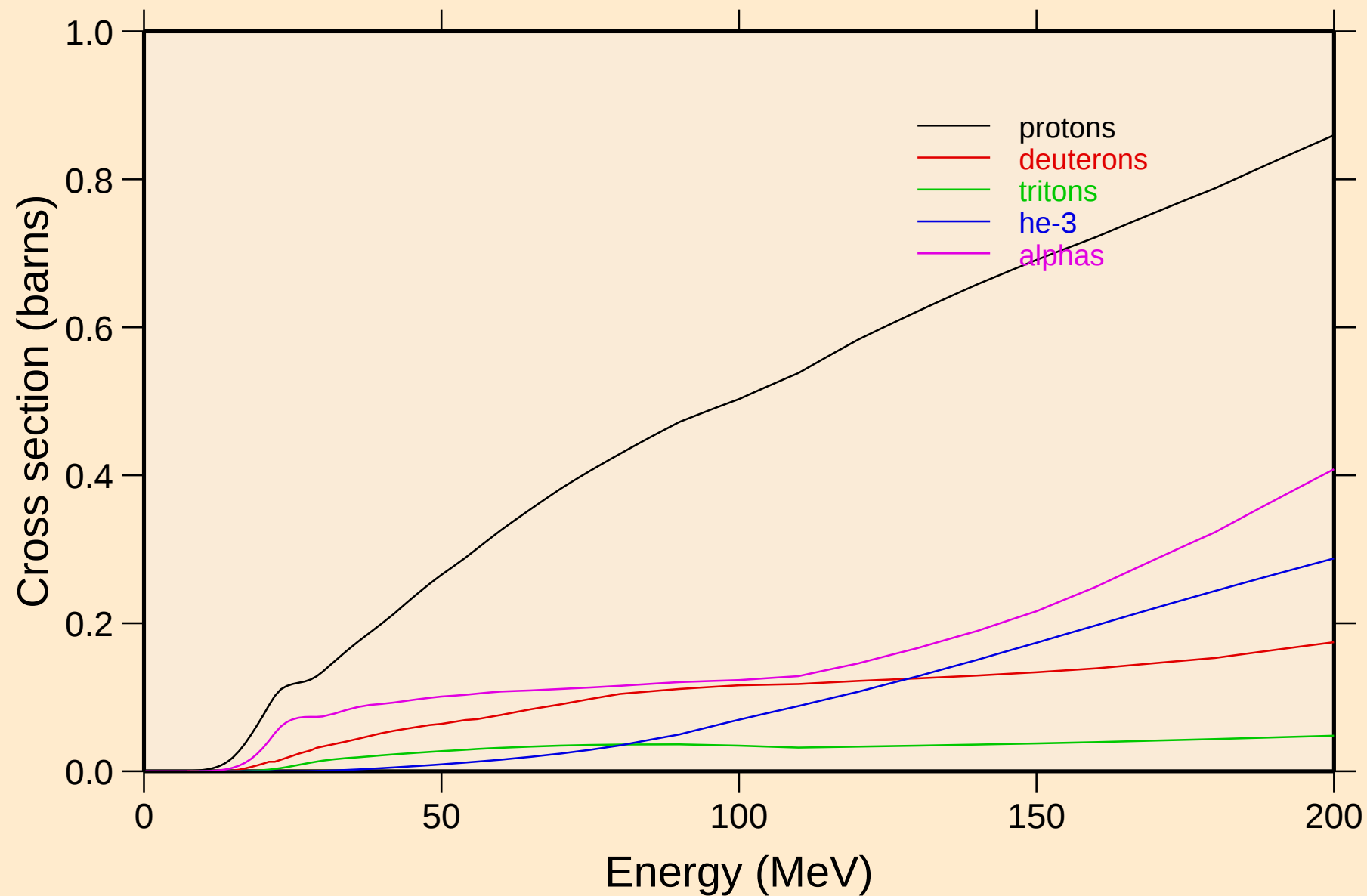


SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

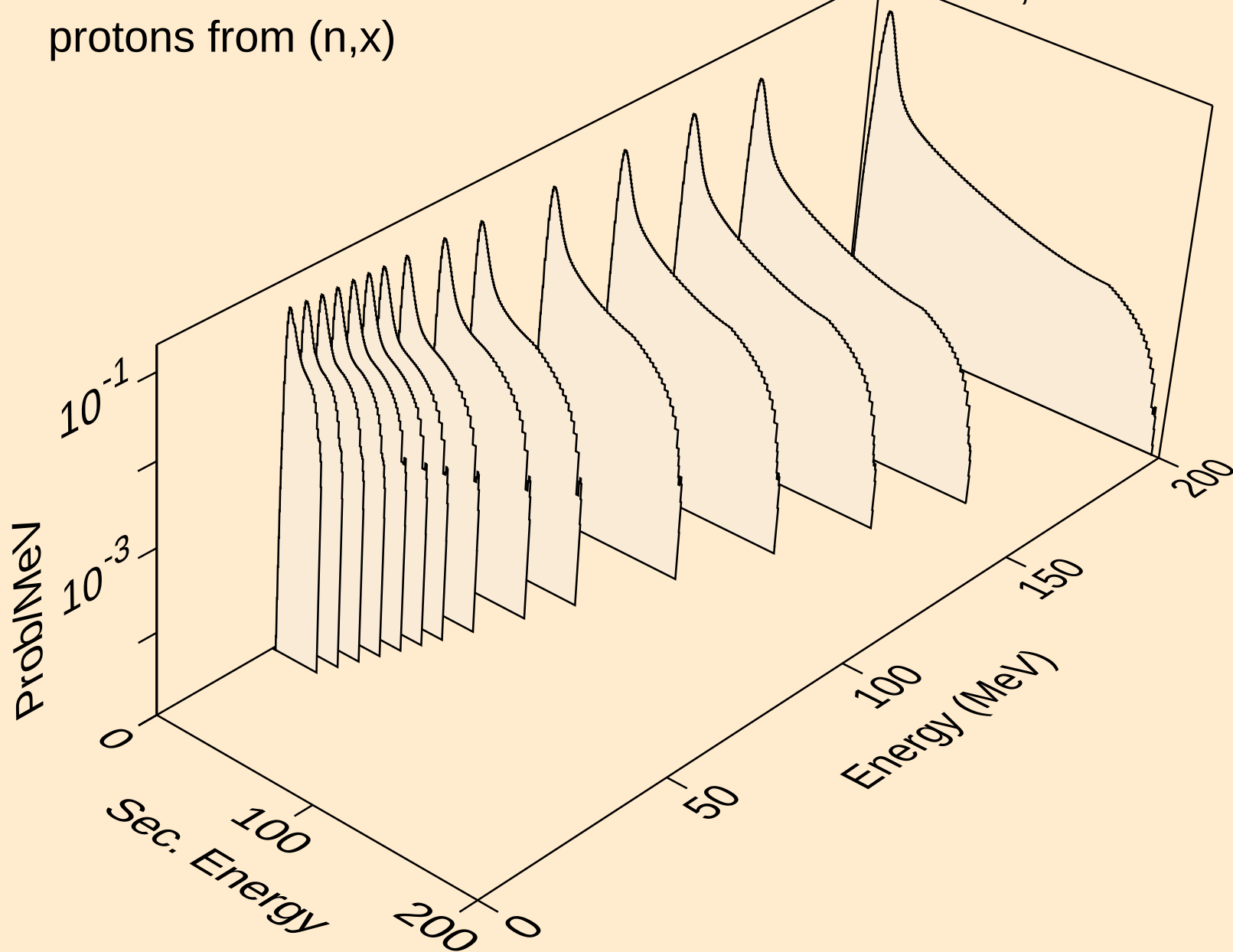
Recoil Heating



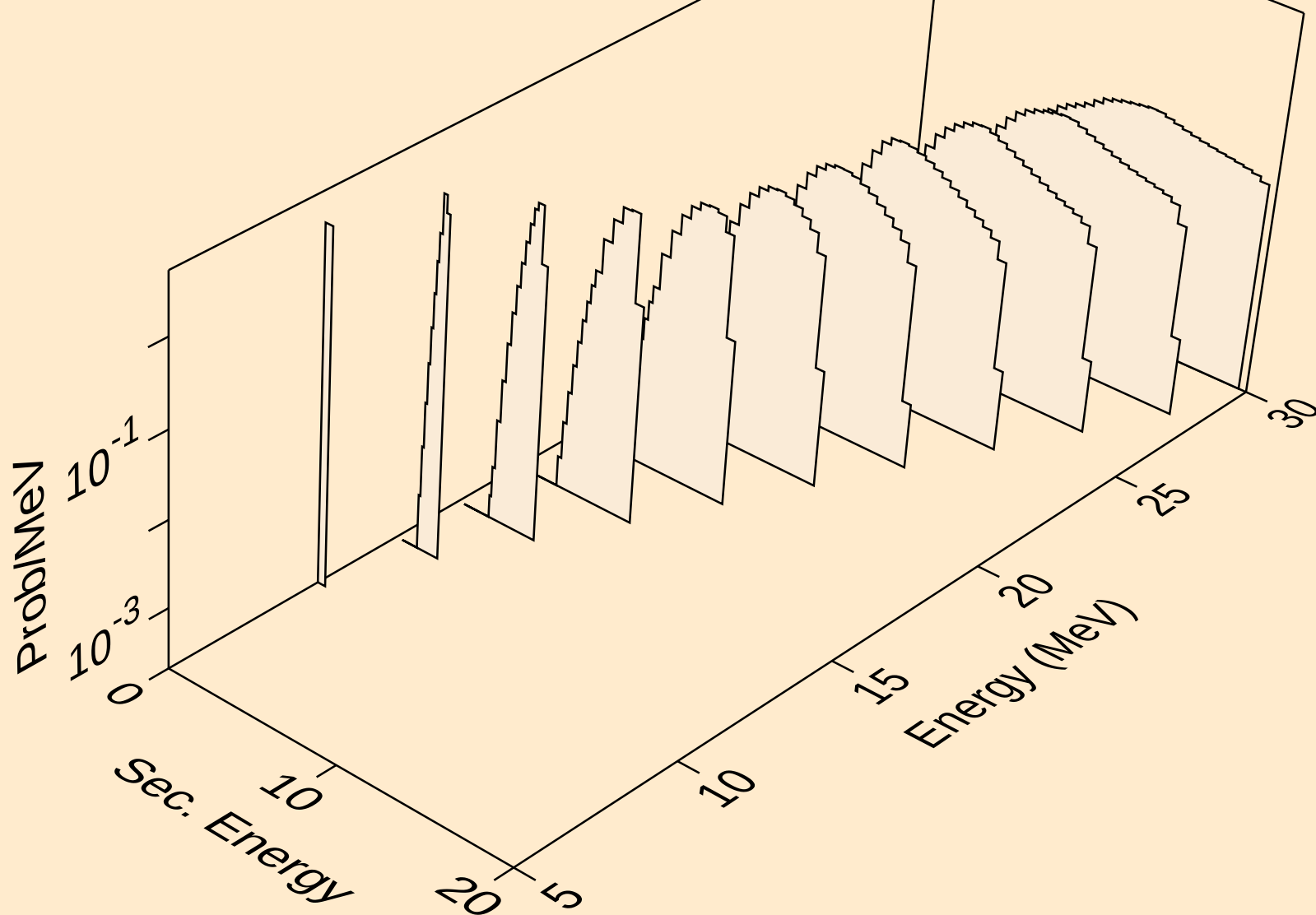
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



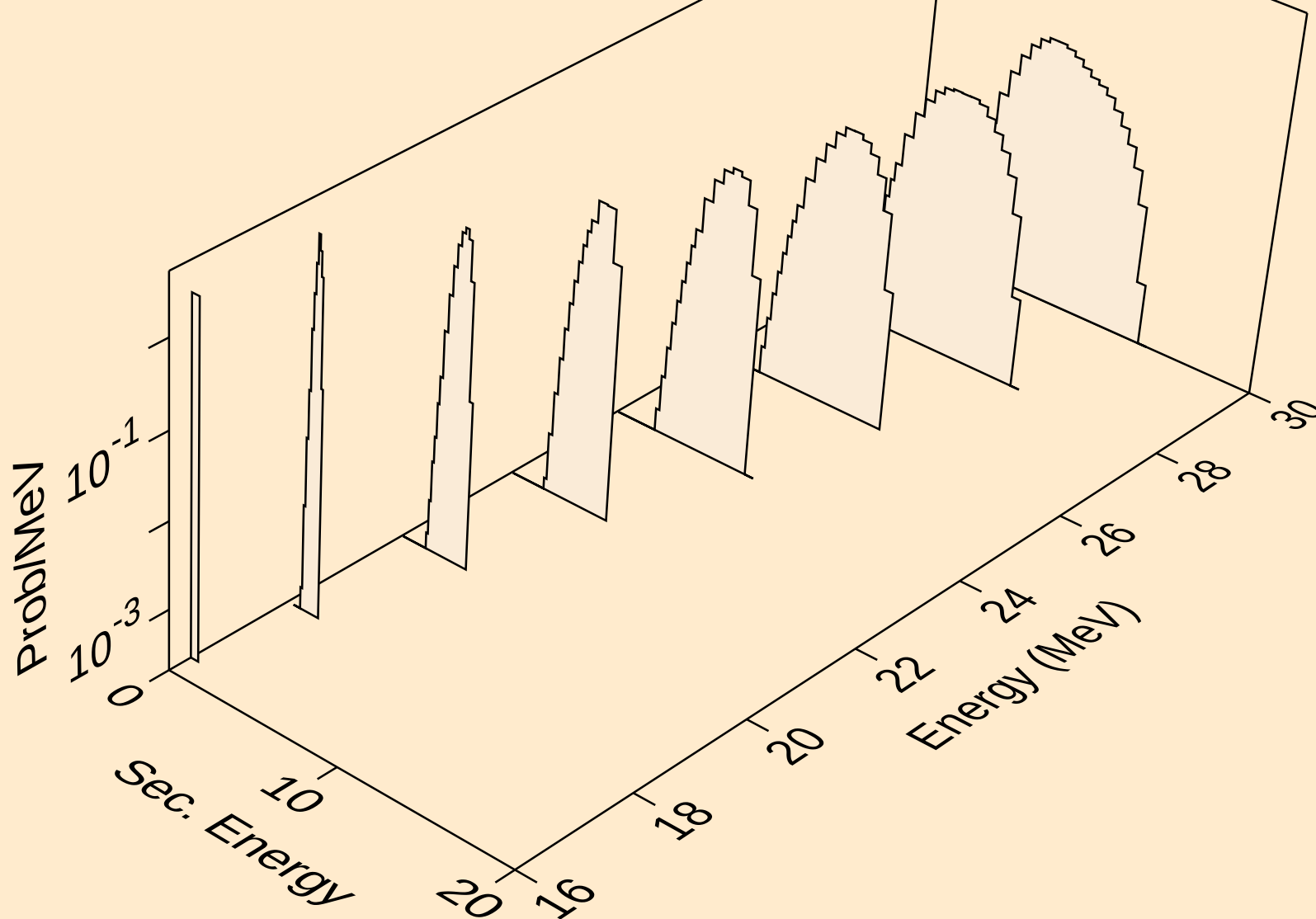
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



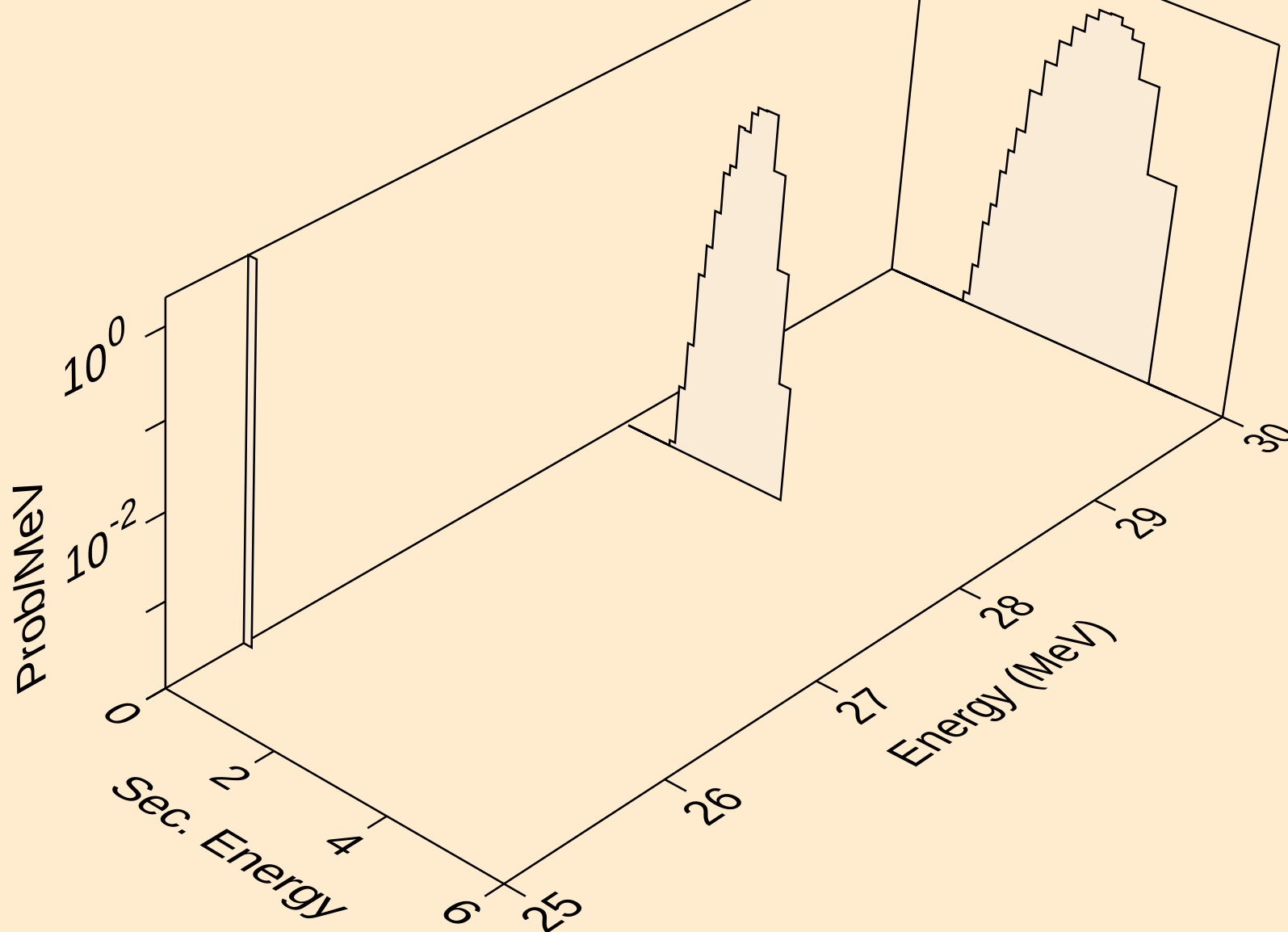
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



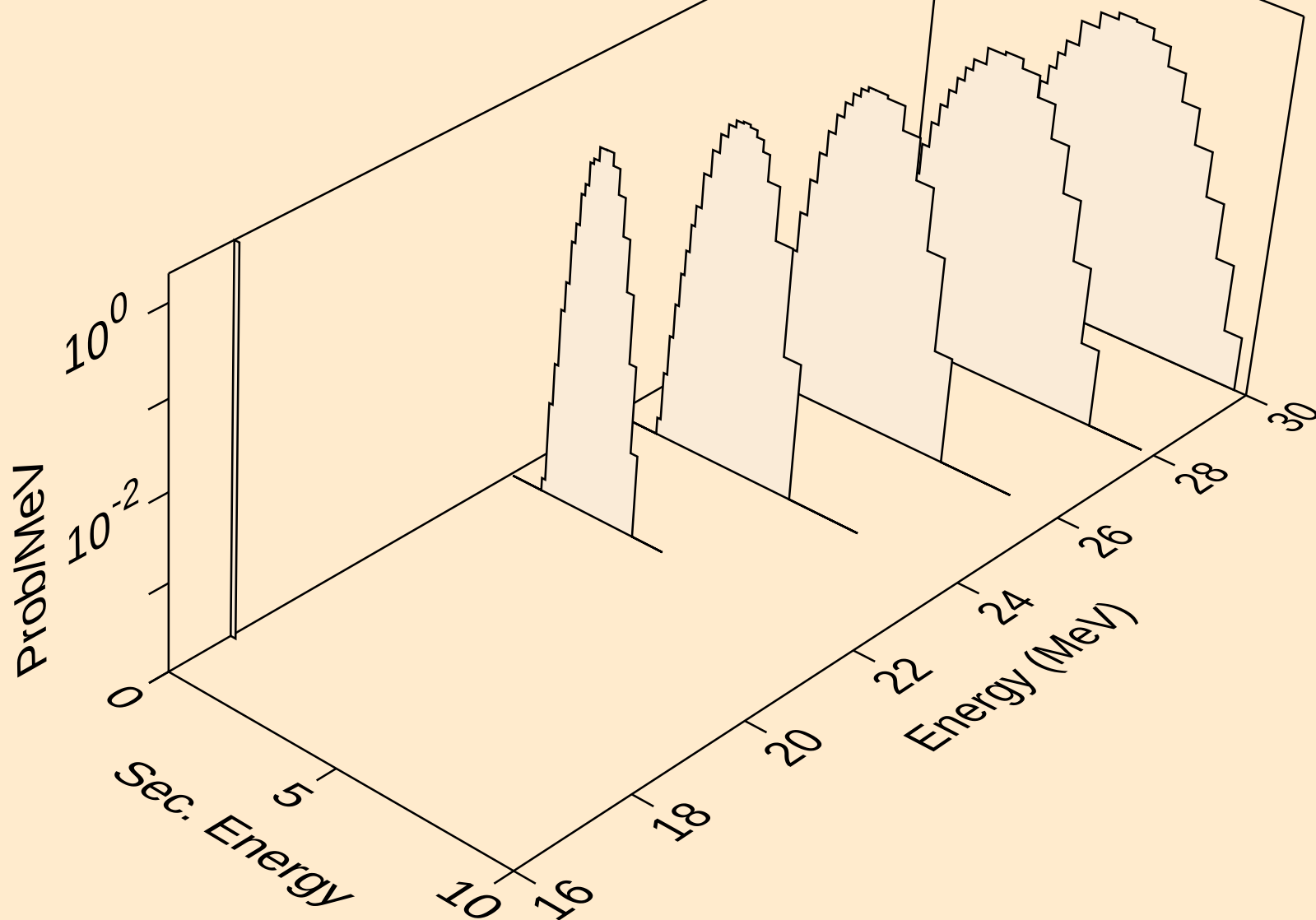
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



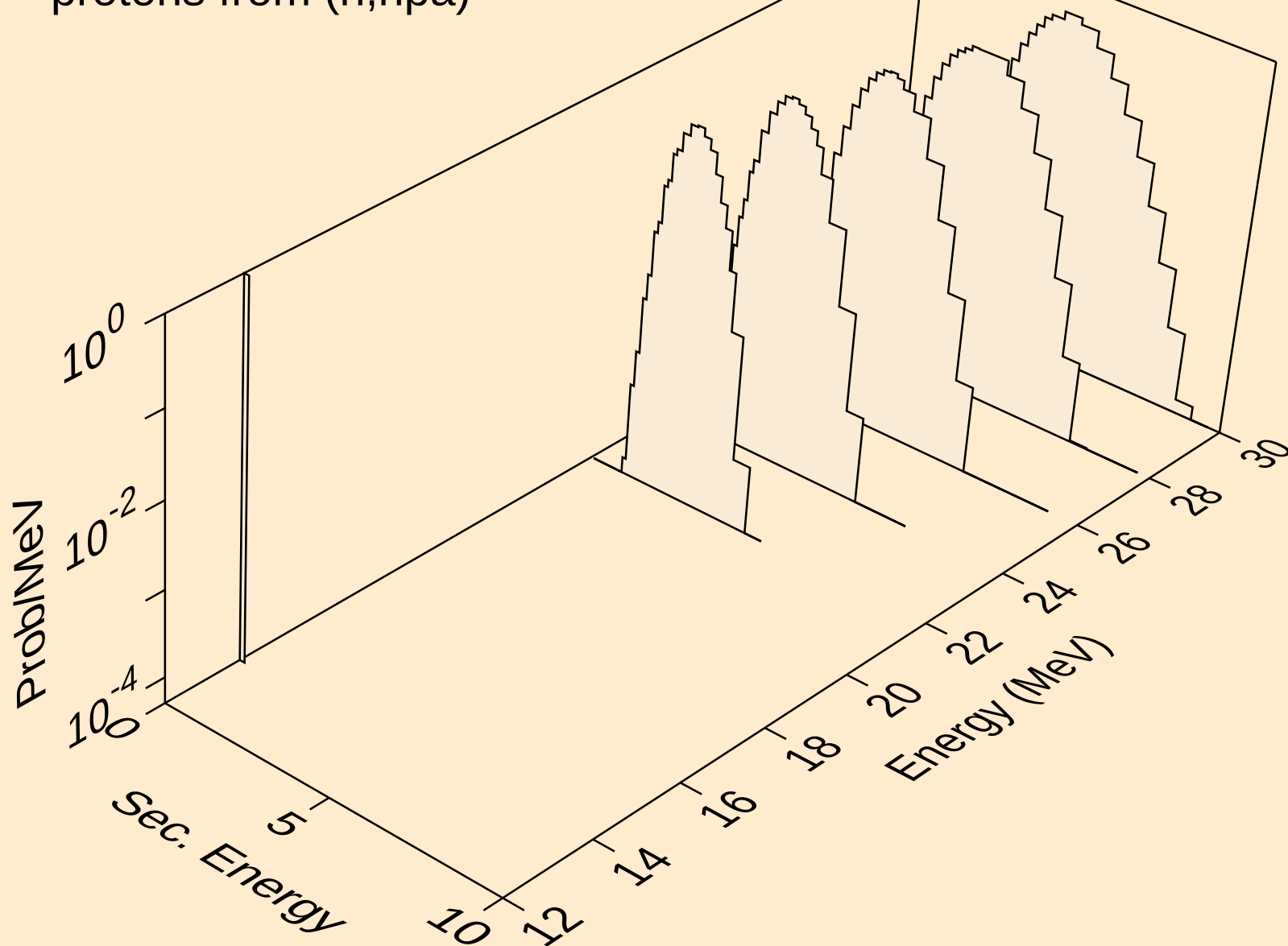
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



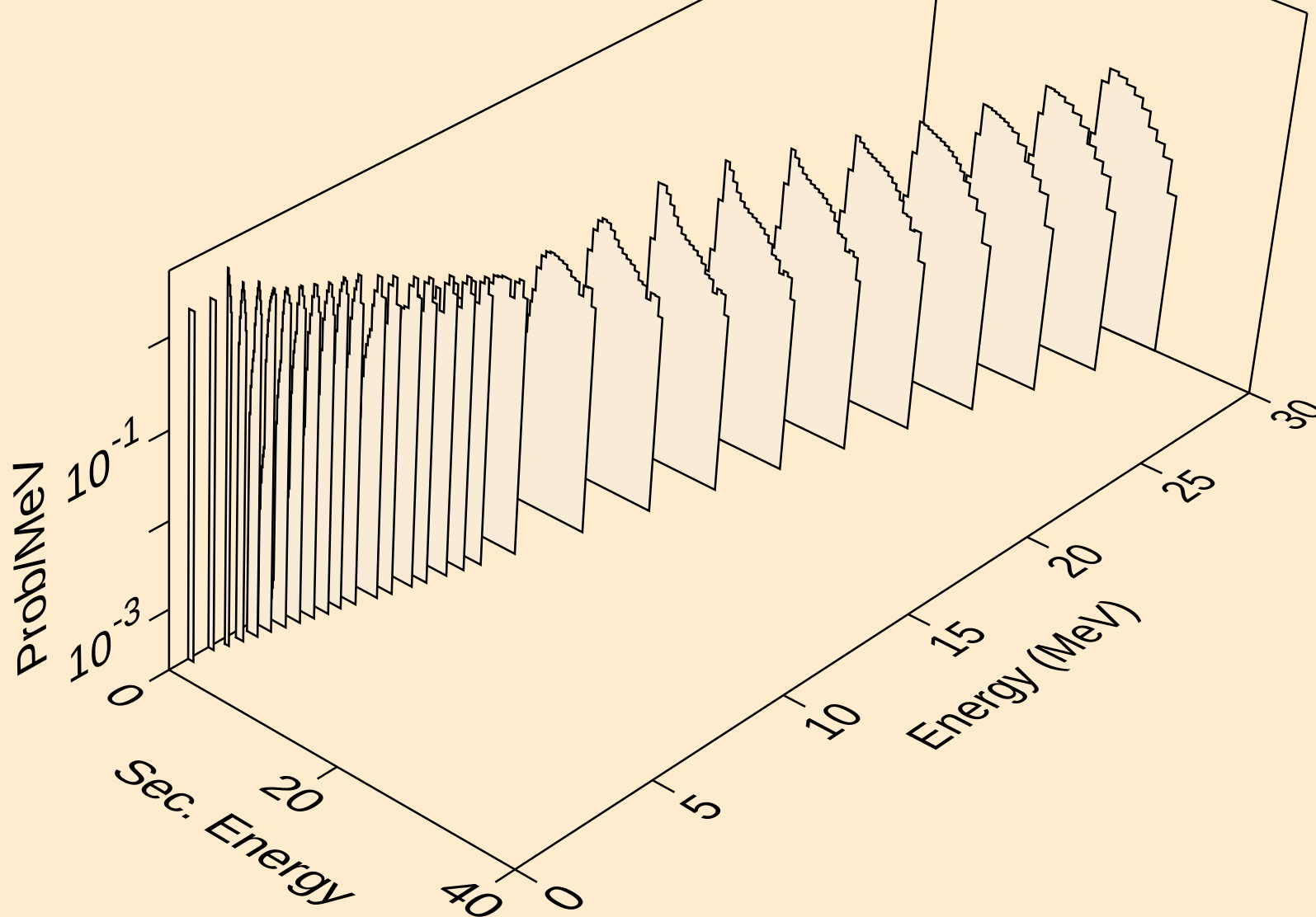
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



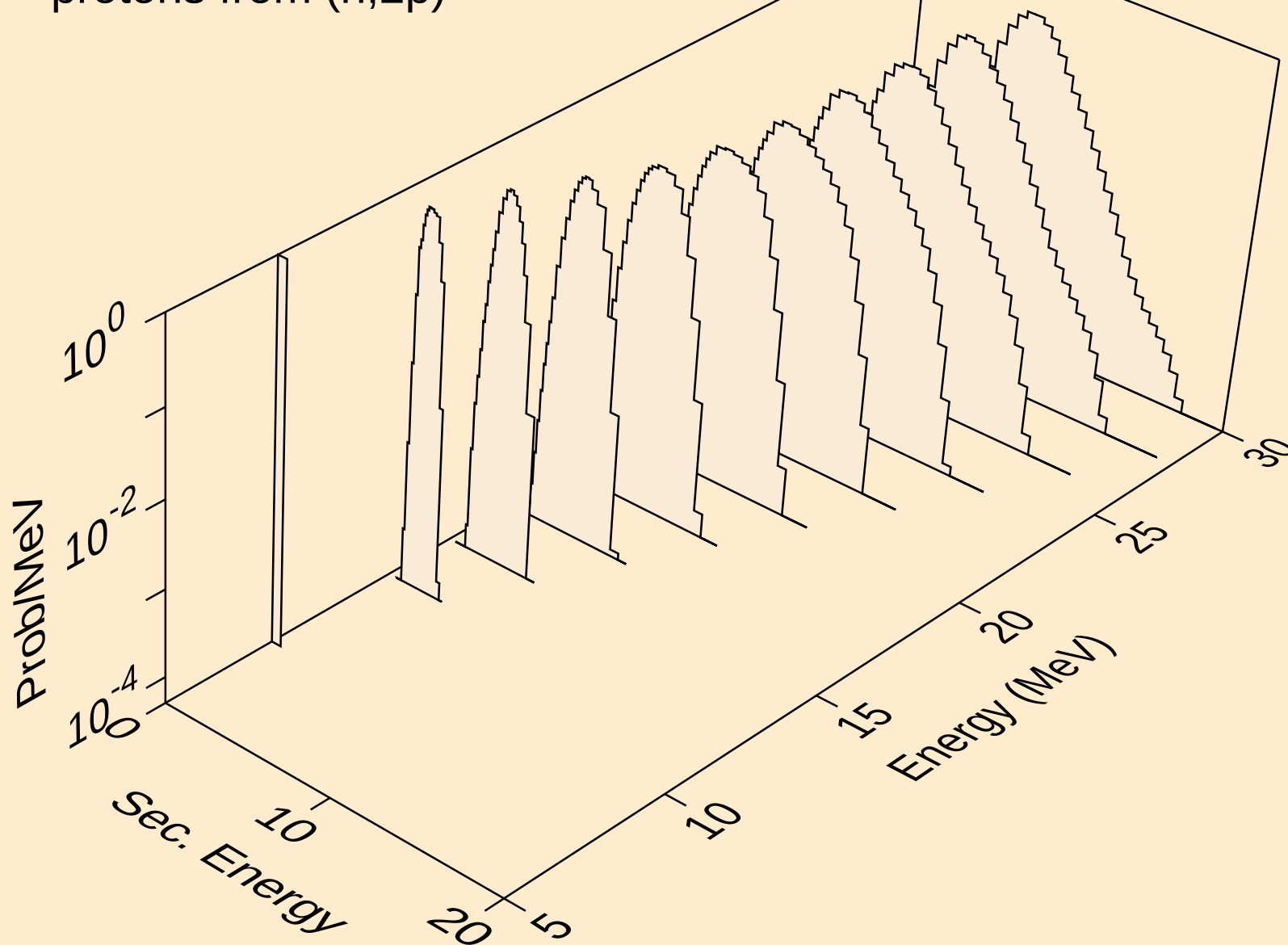
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protons from (n,npa)



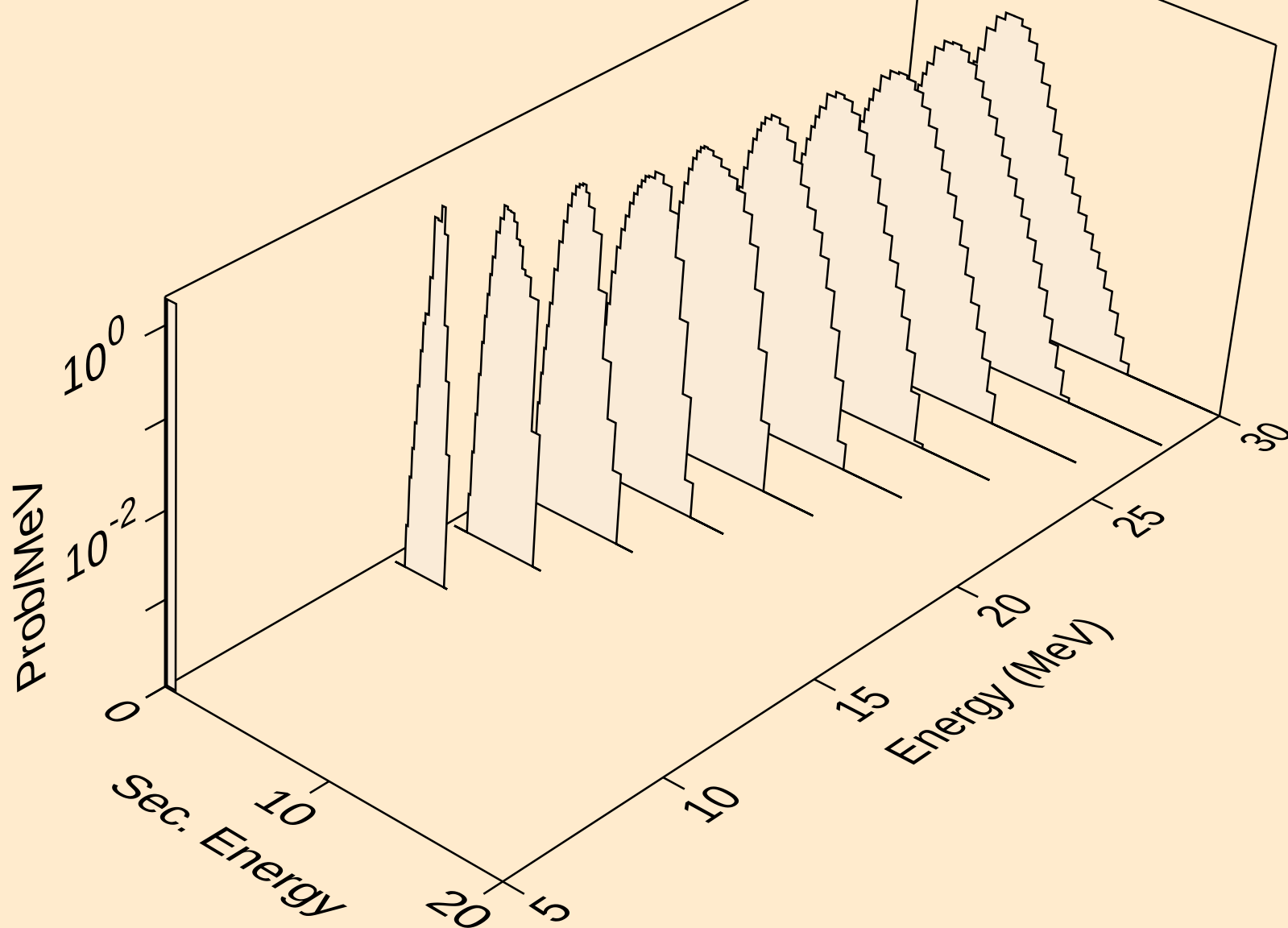
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



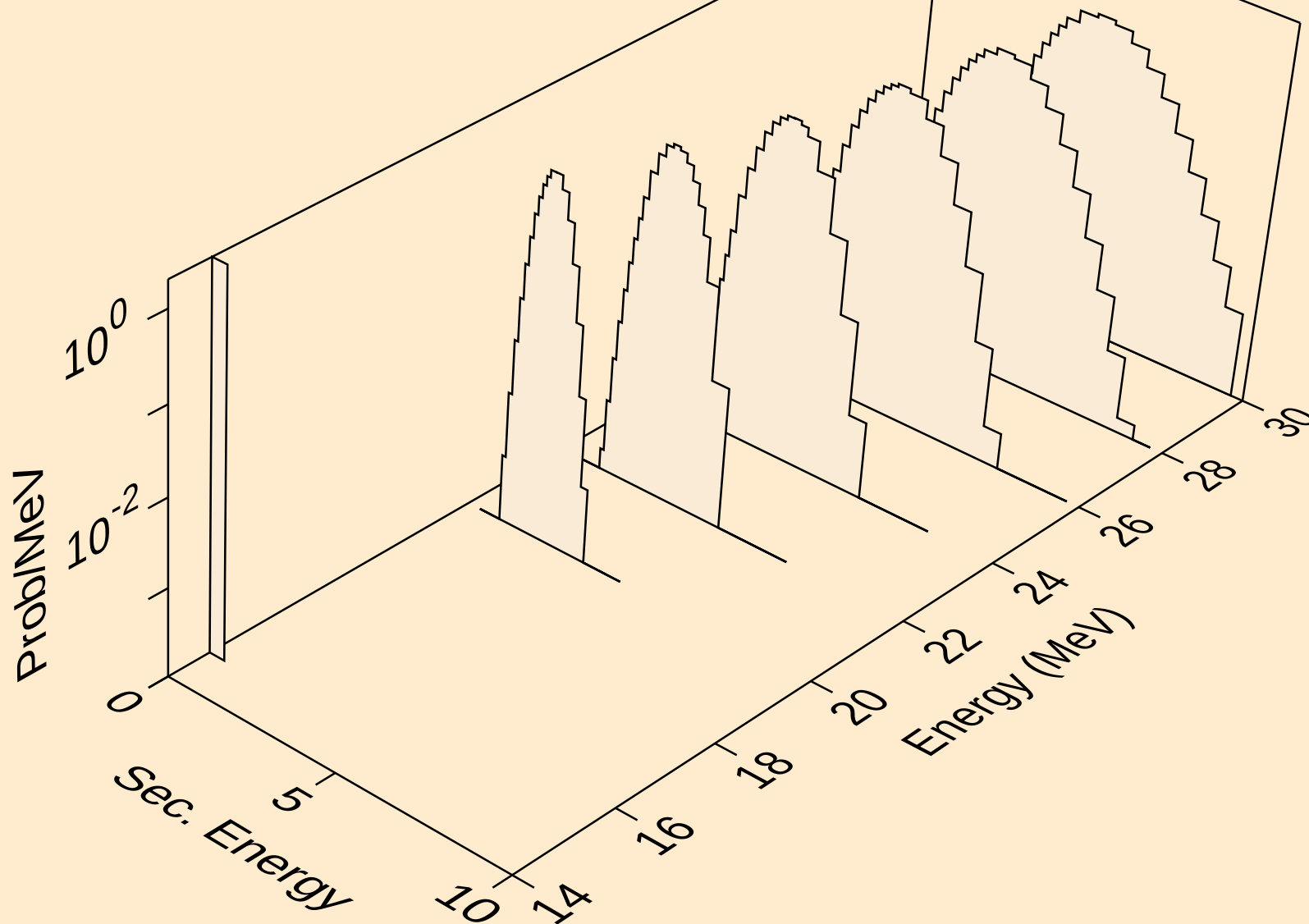
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



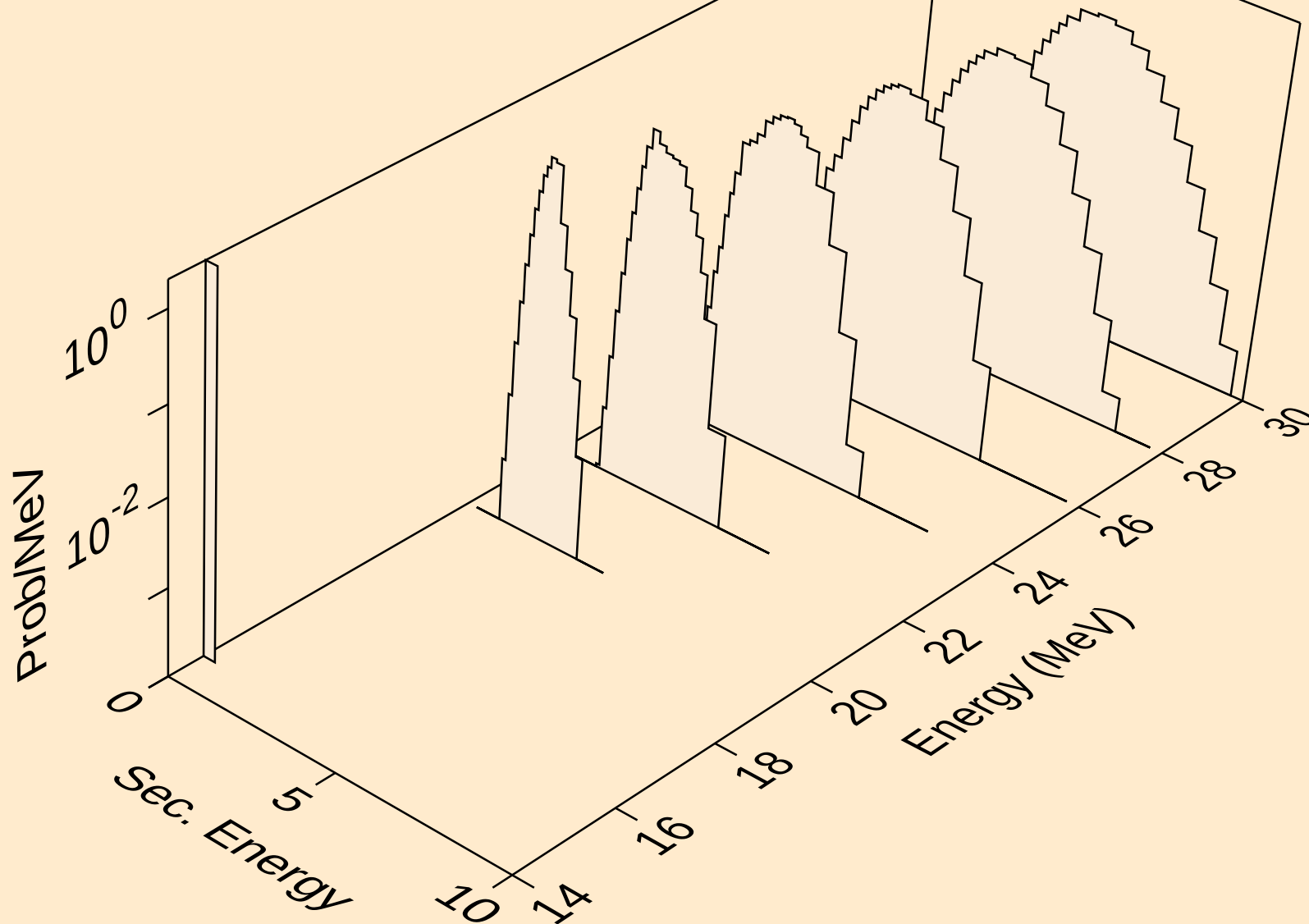
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



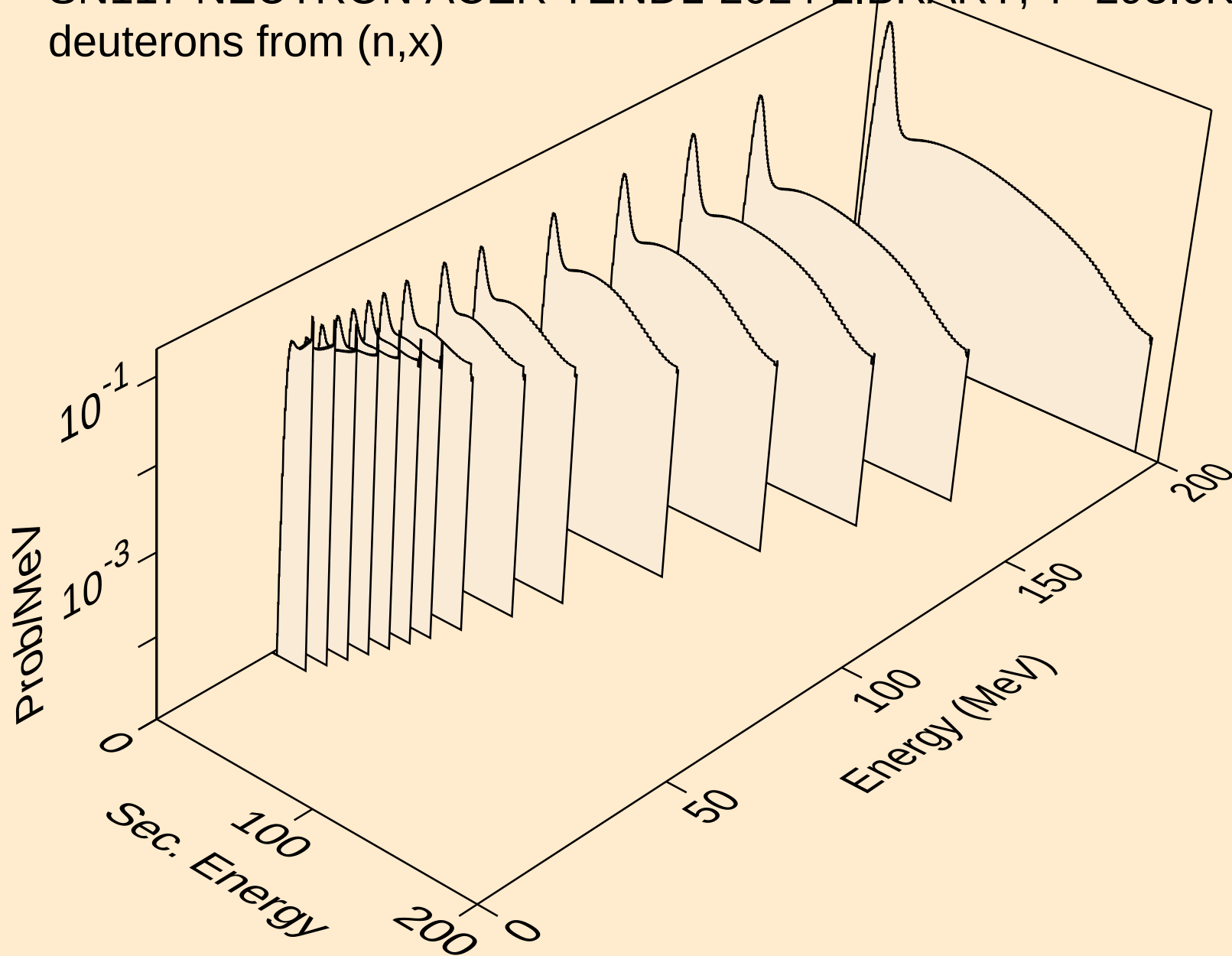
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protons from (n,pd)



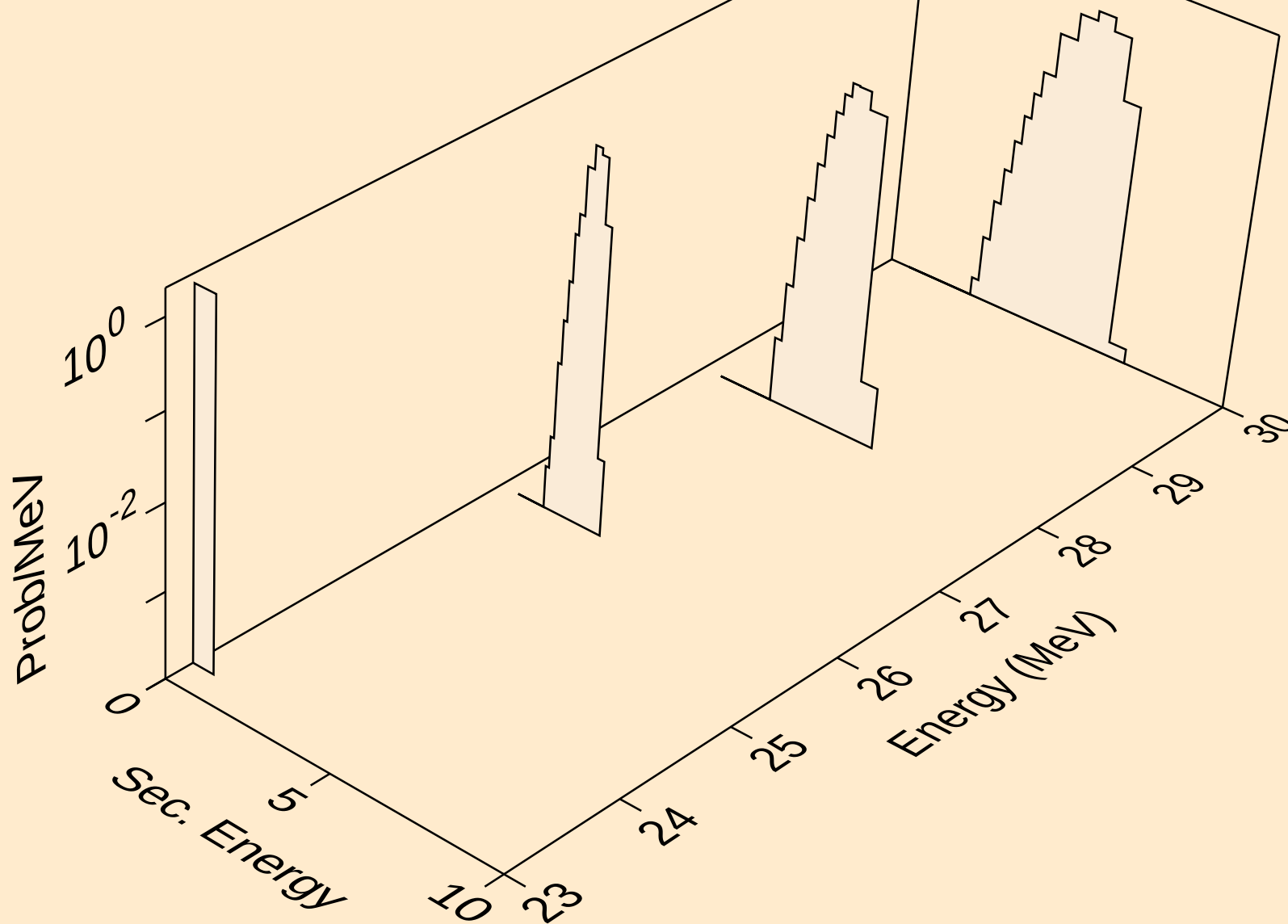
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



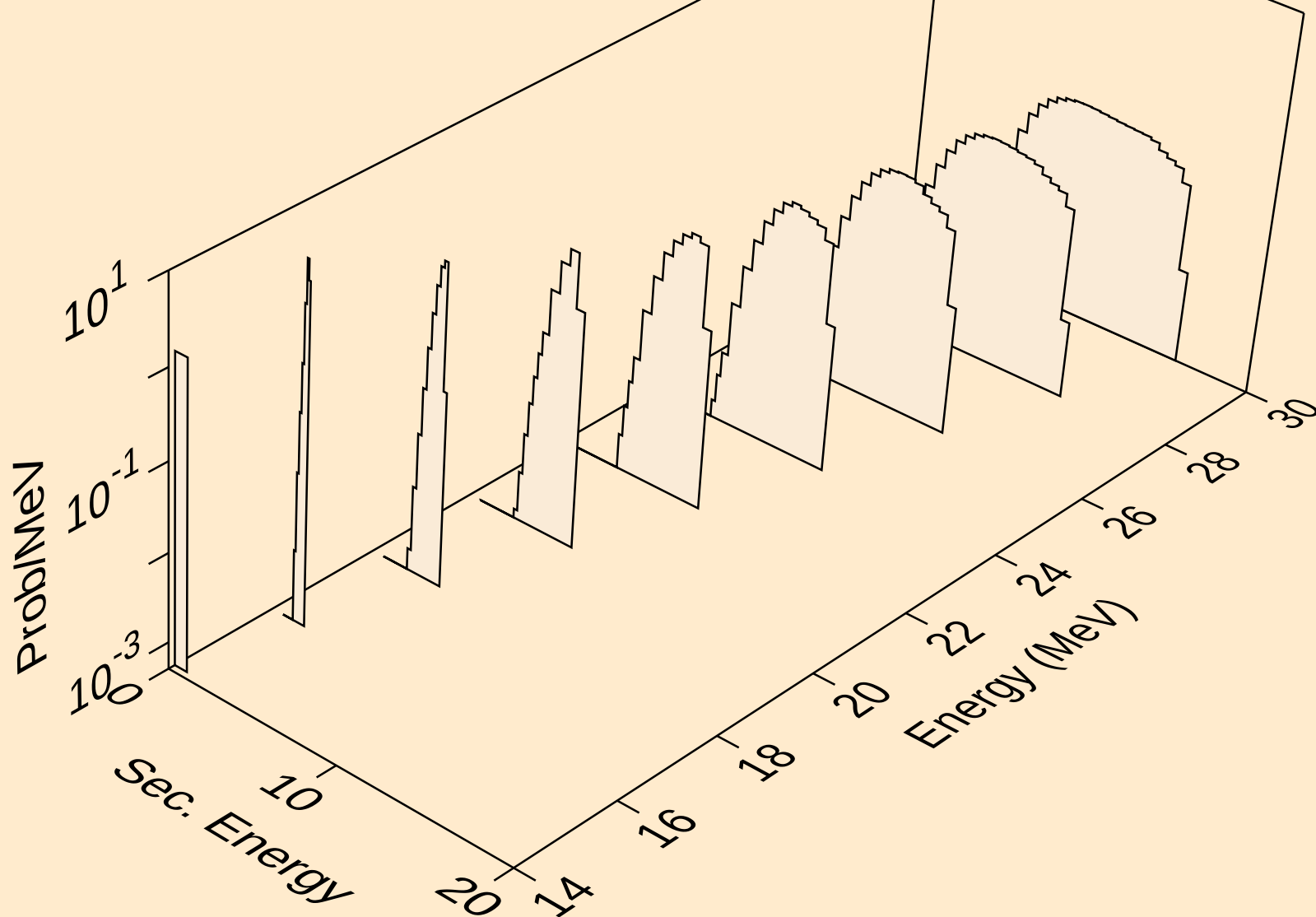
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



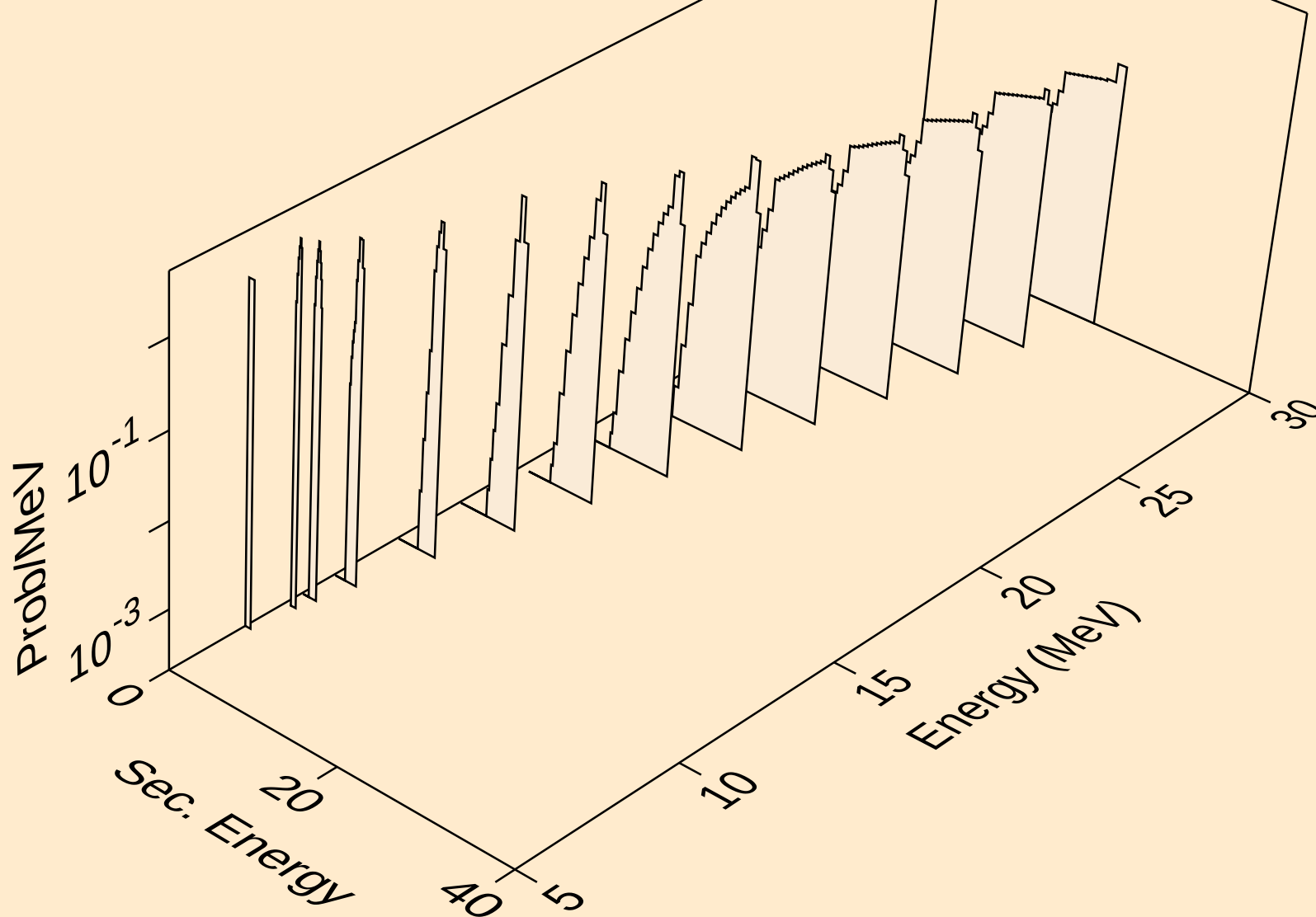
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



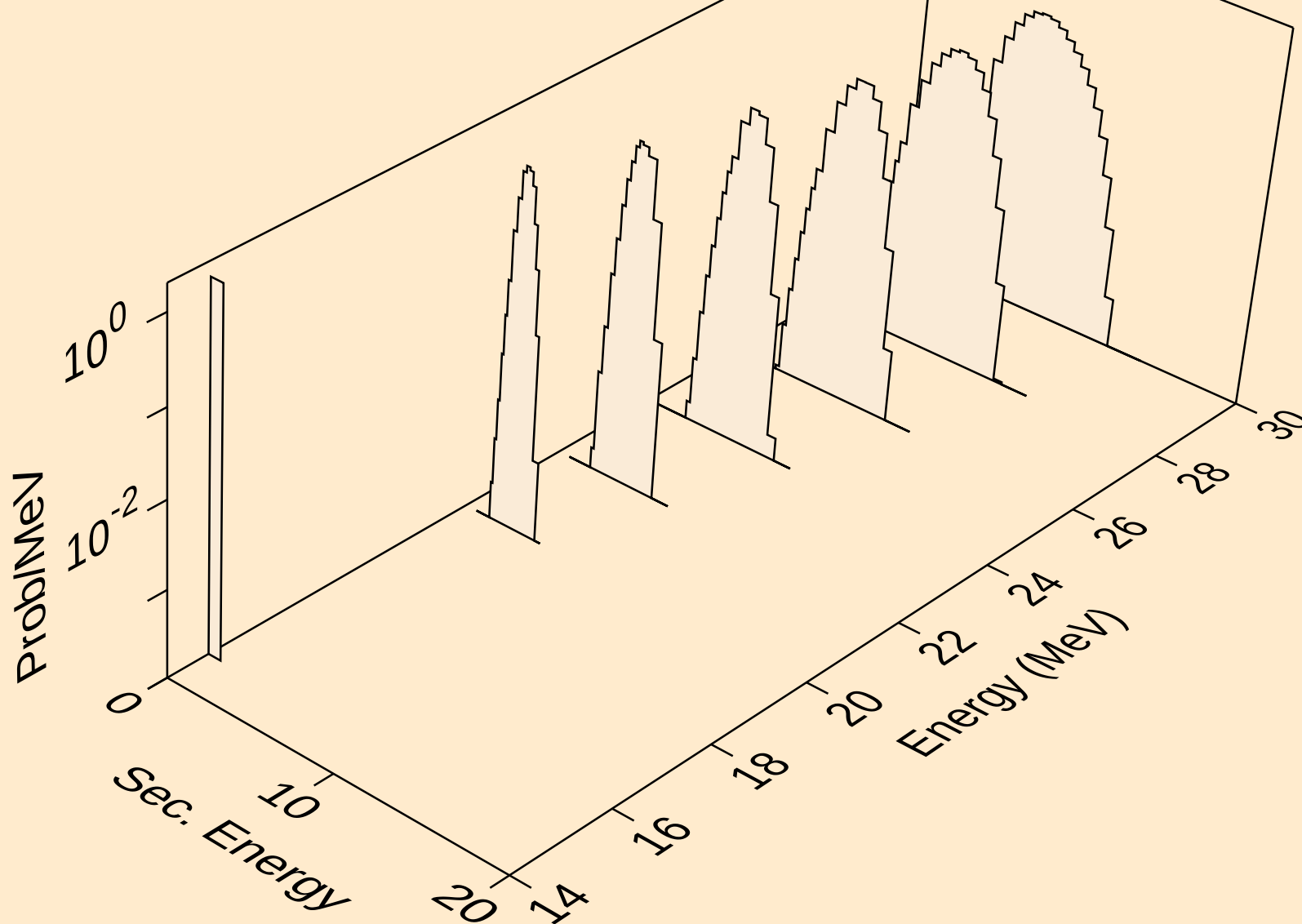
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



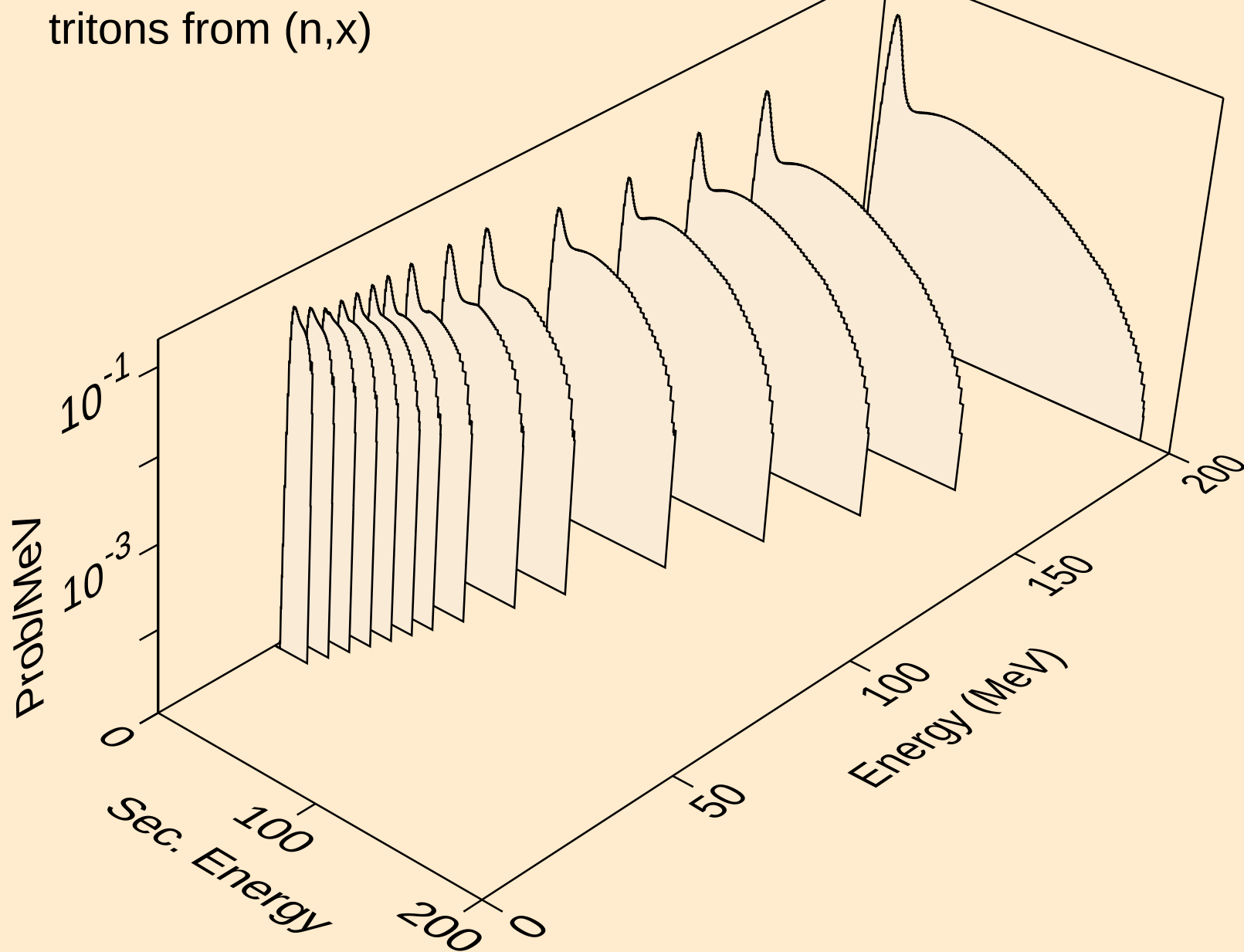
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



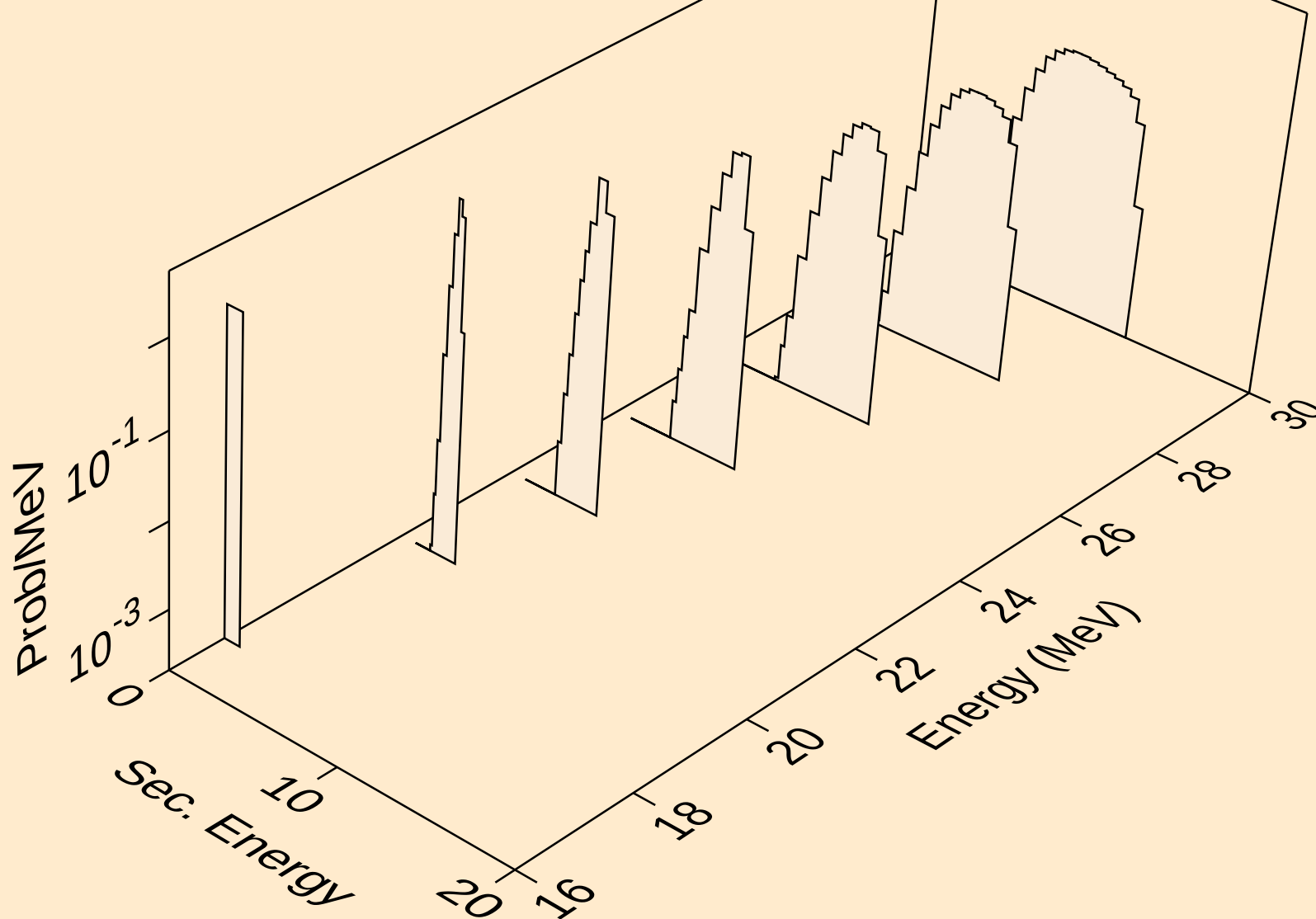
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



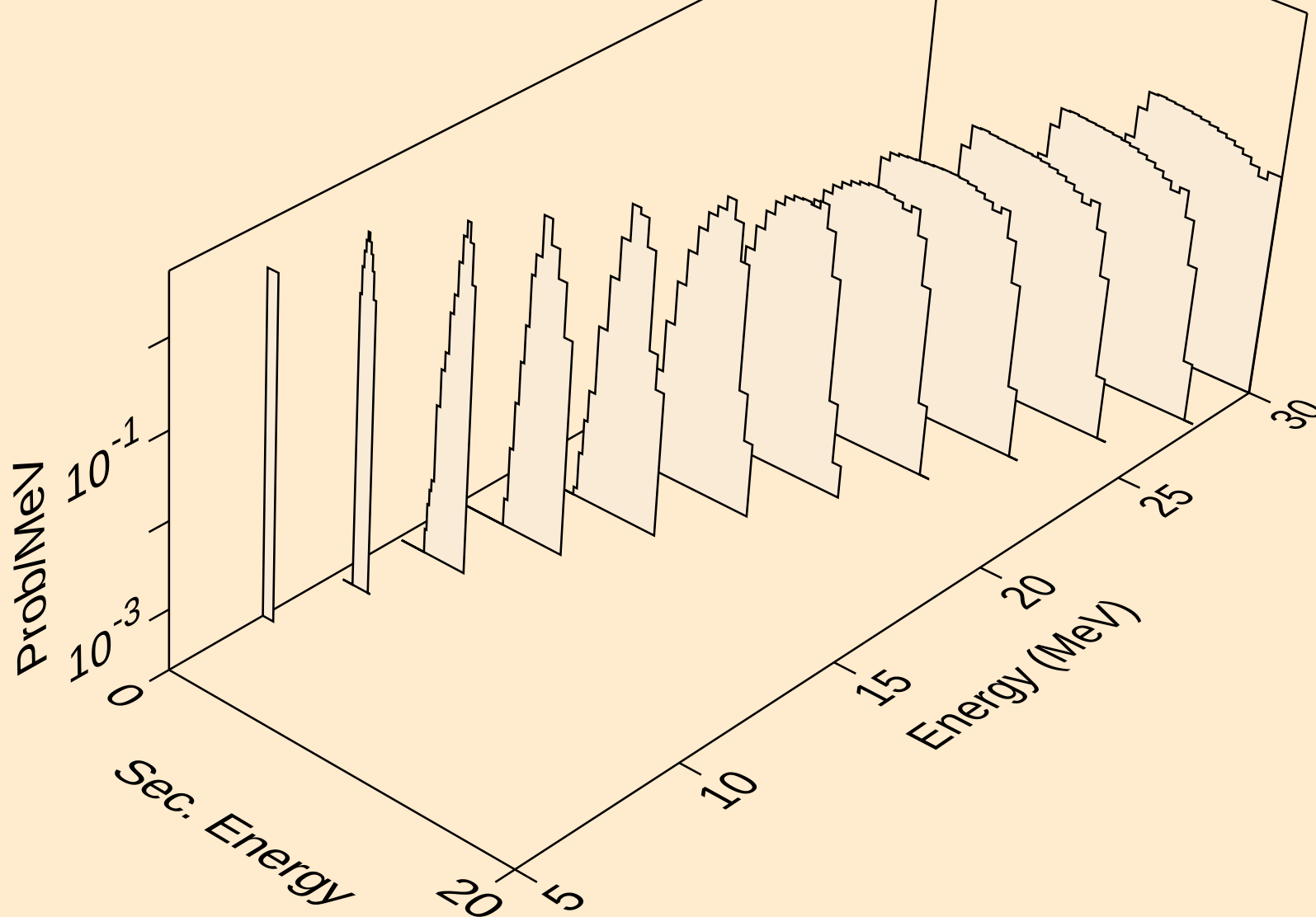
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



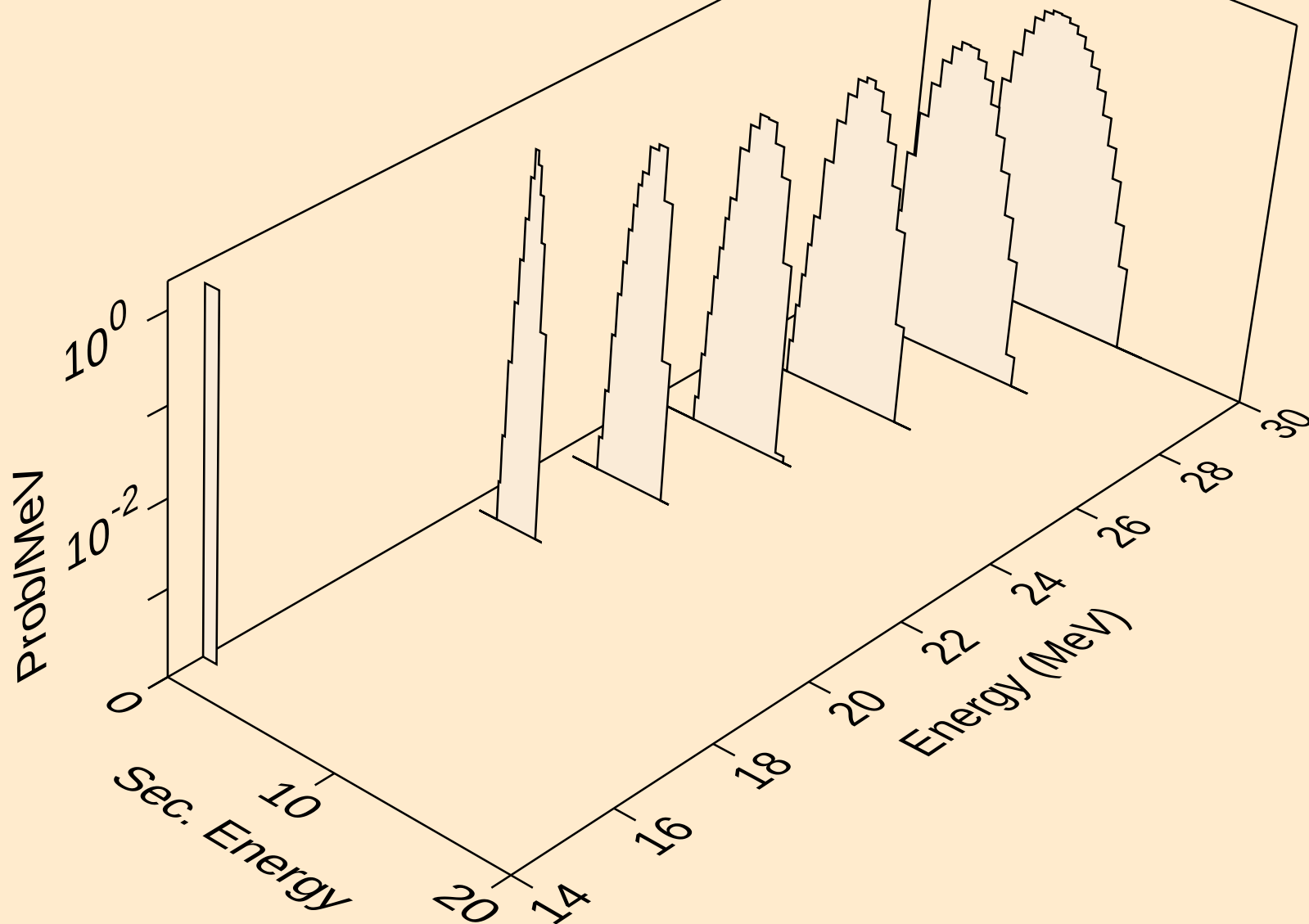
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



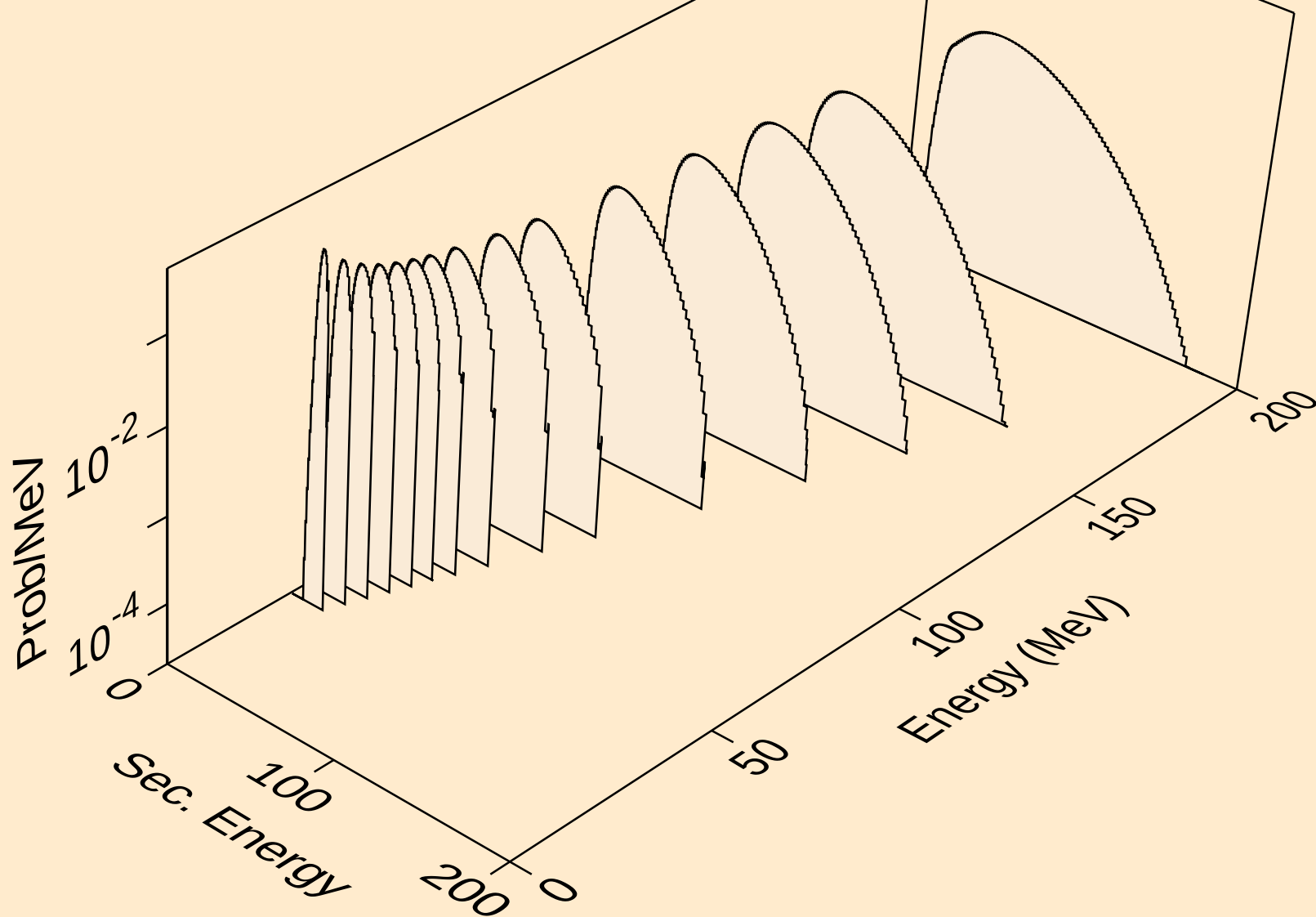
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



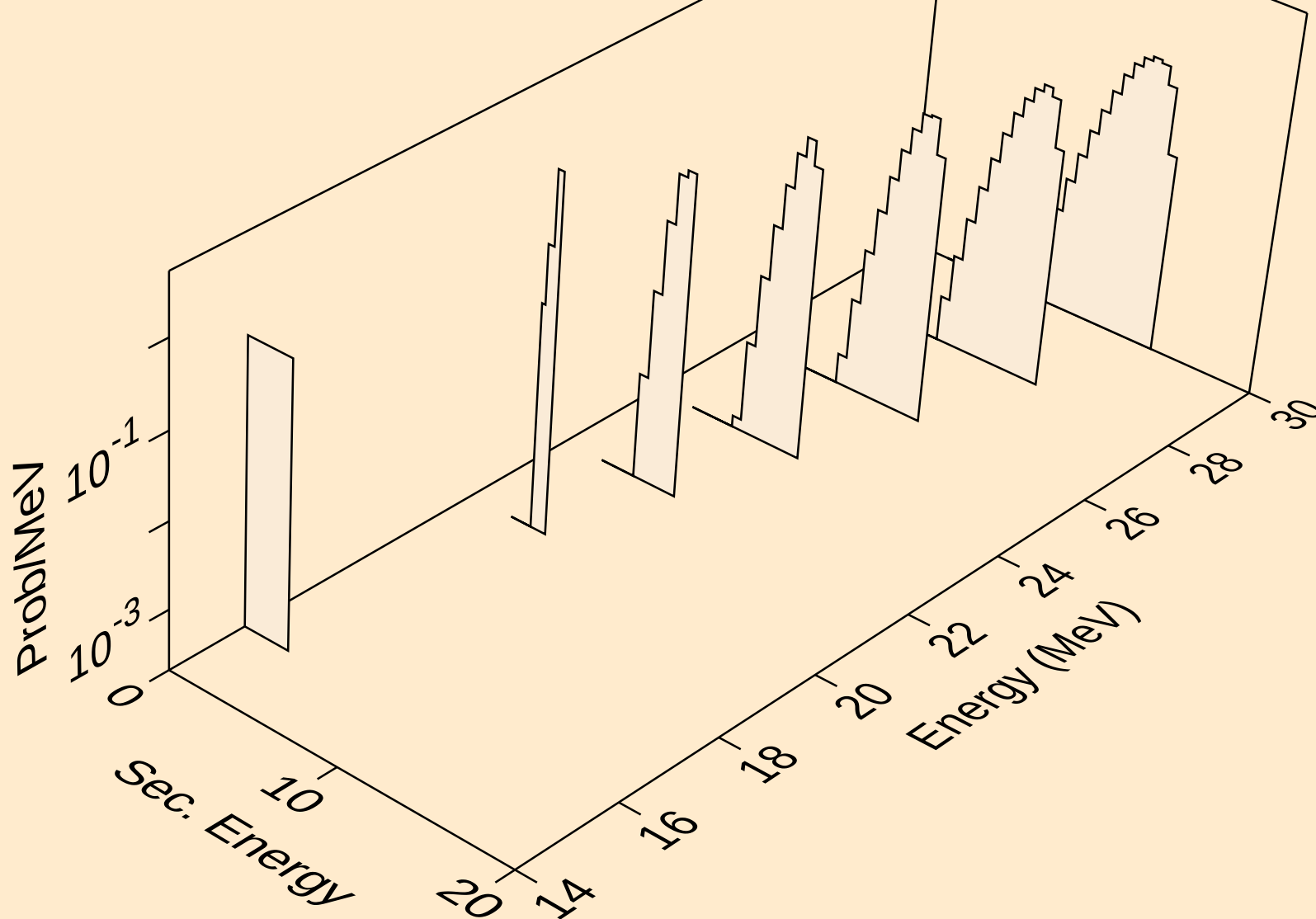
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



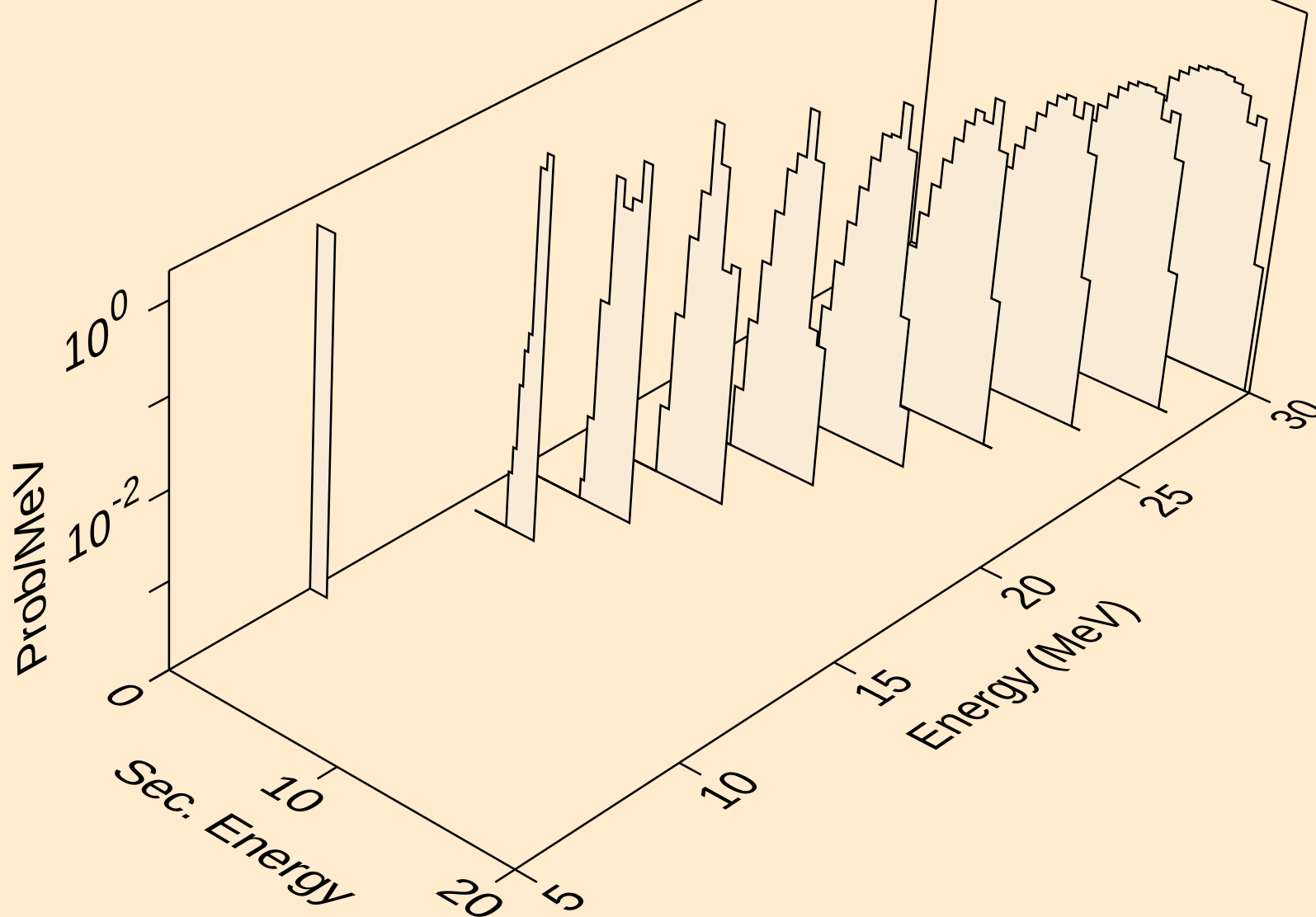
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



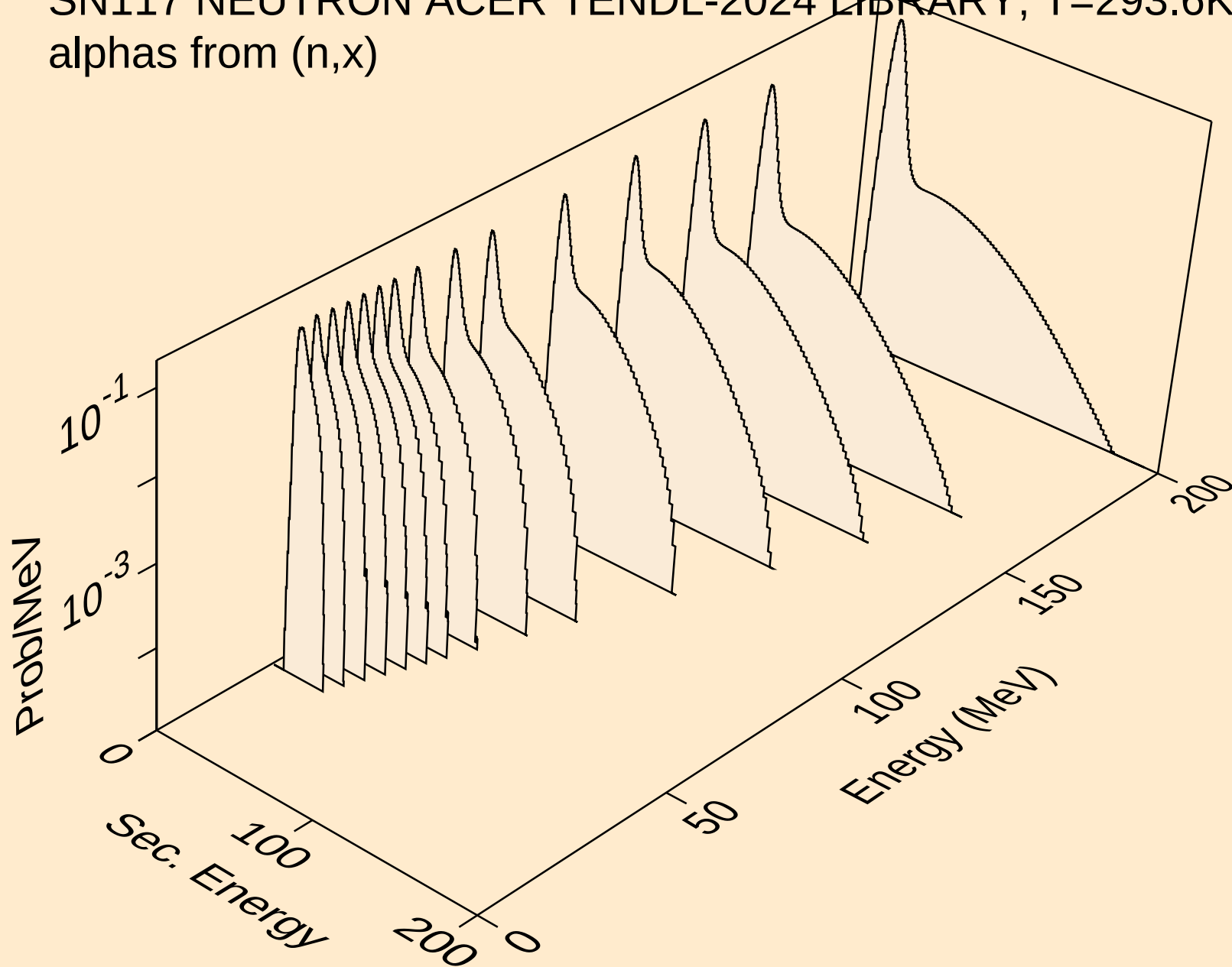
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



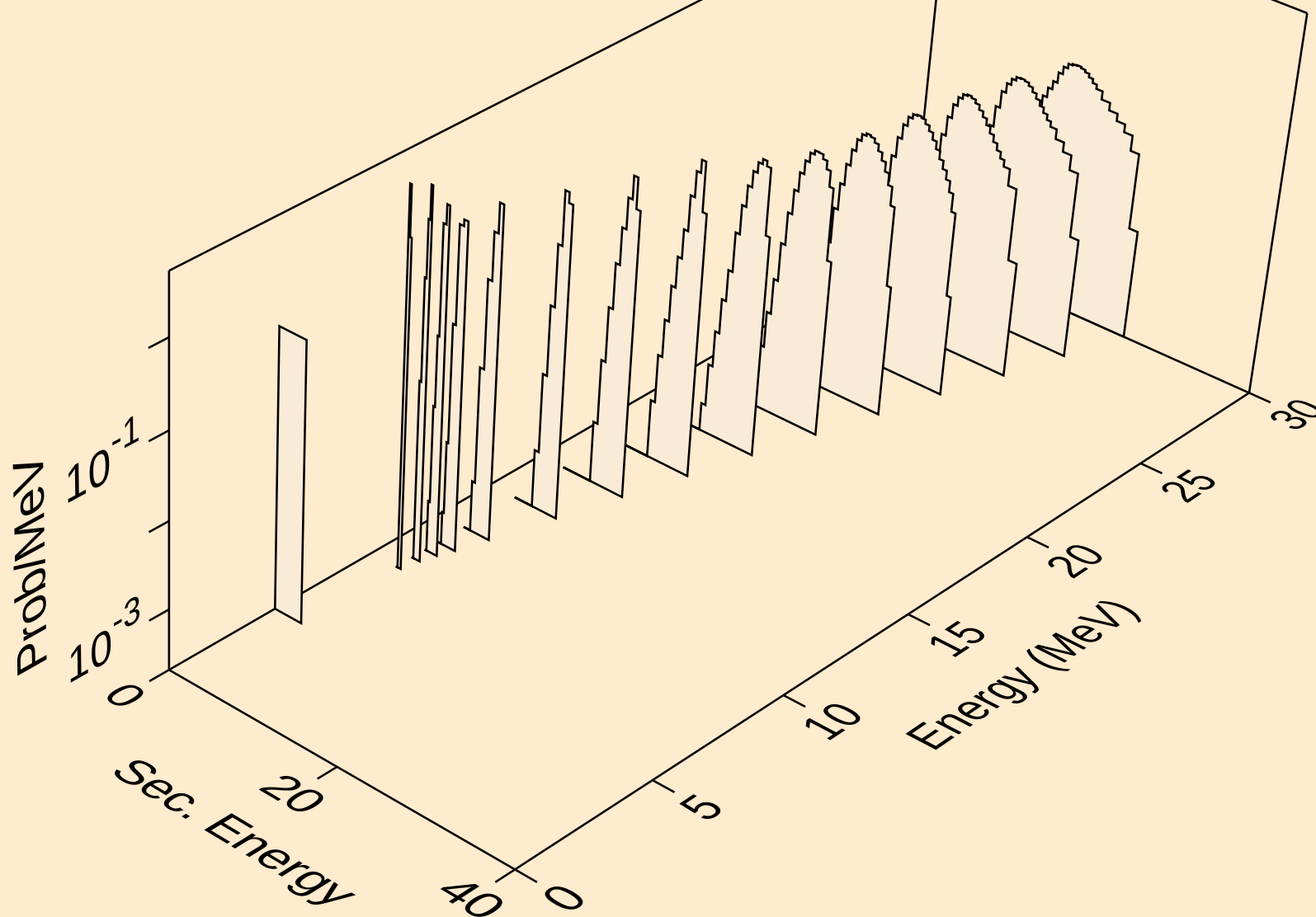
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



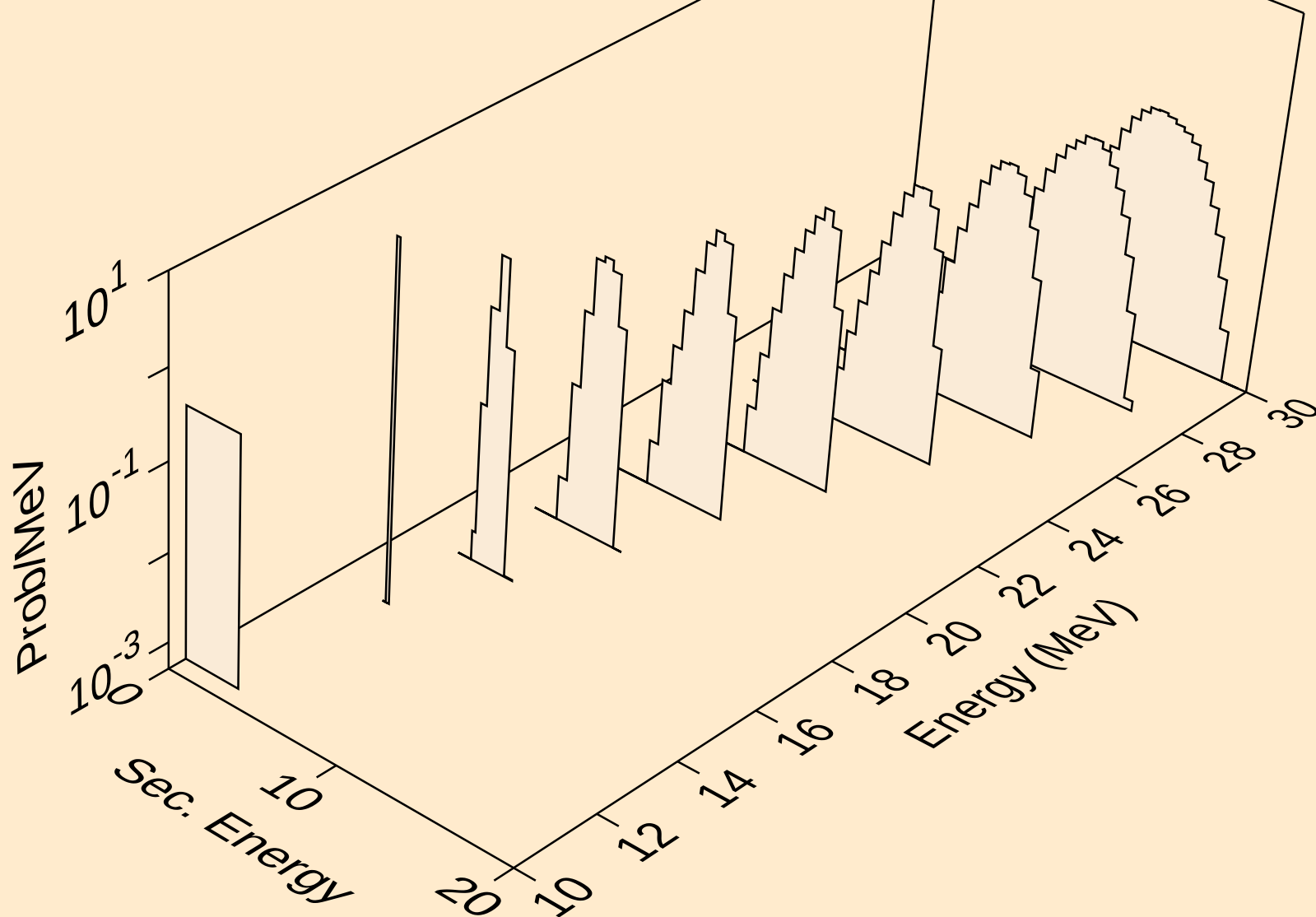
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



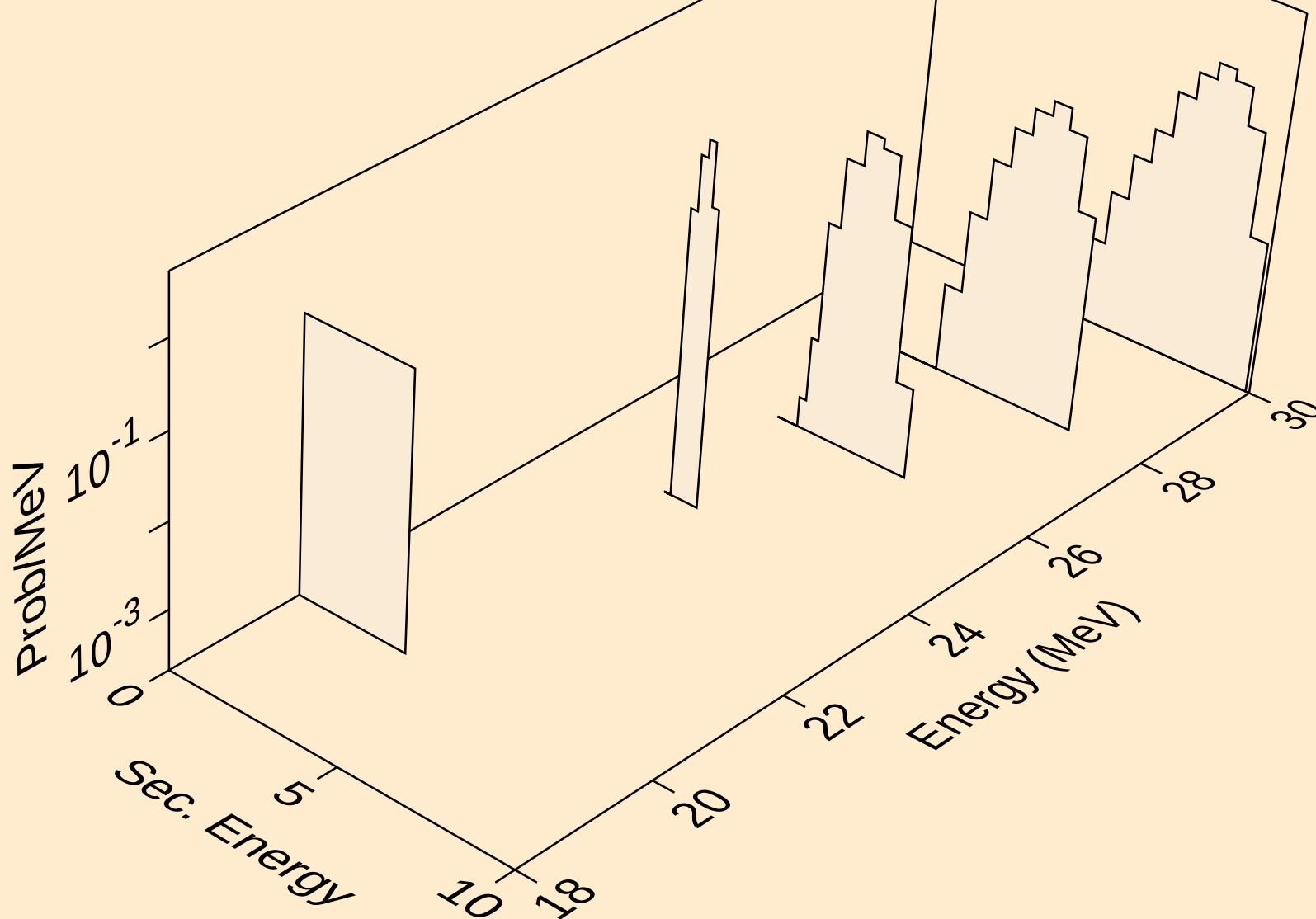
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



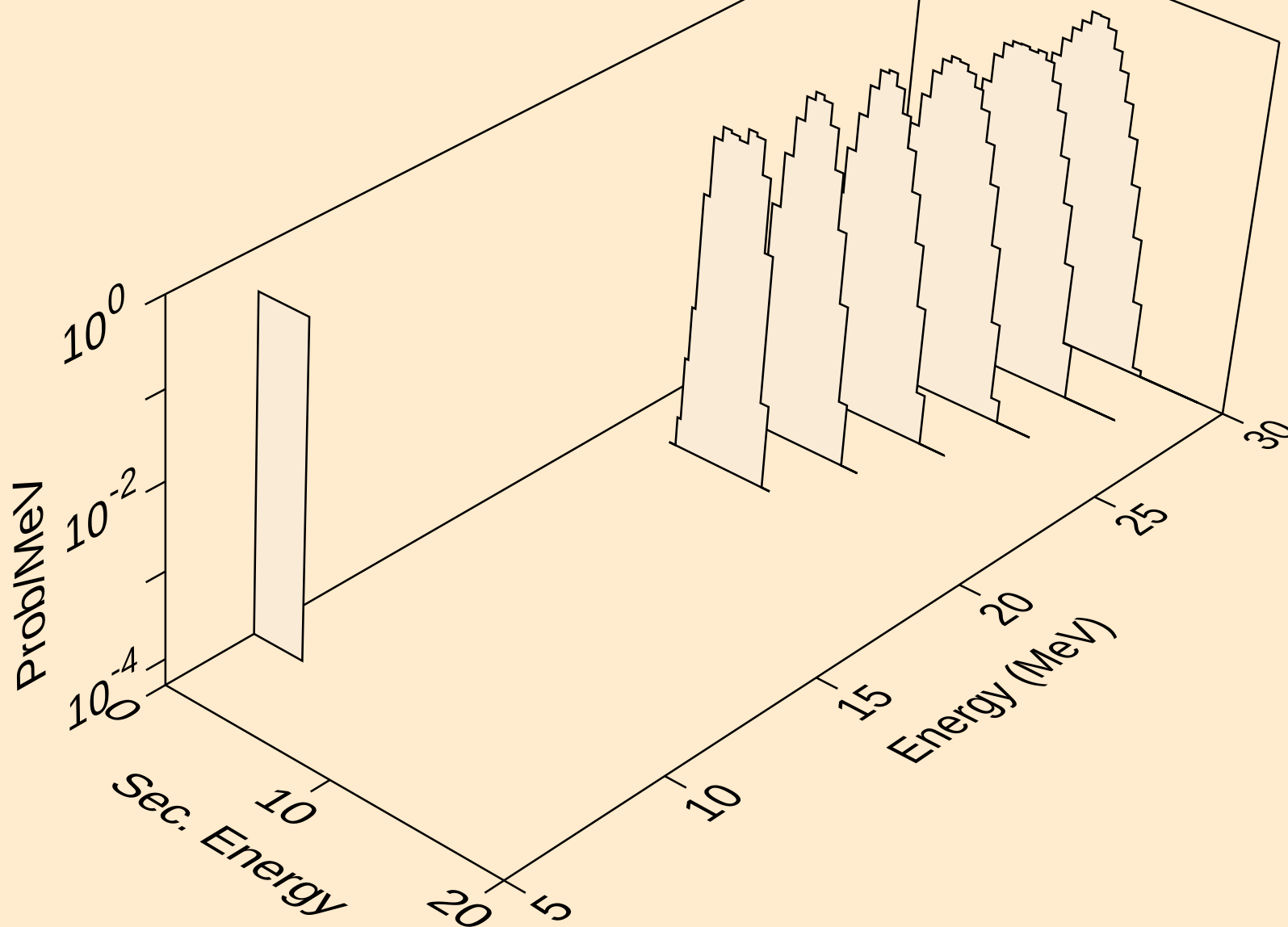
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



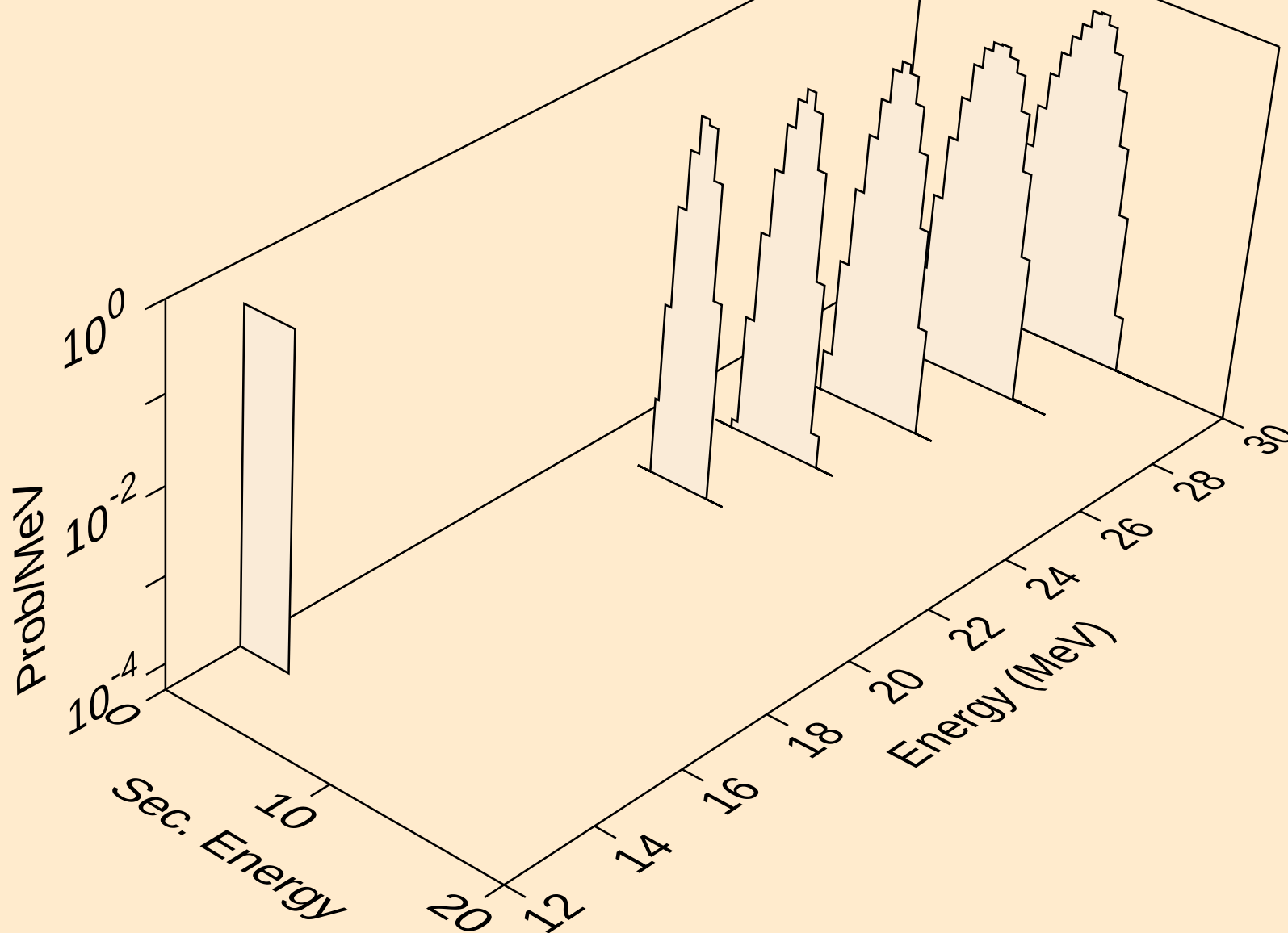
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



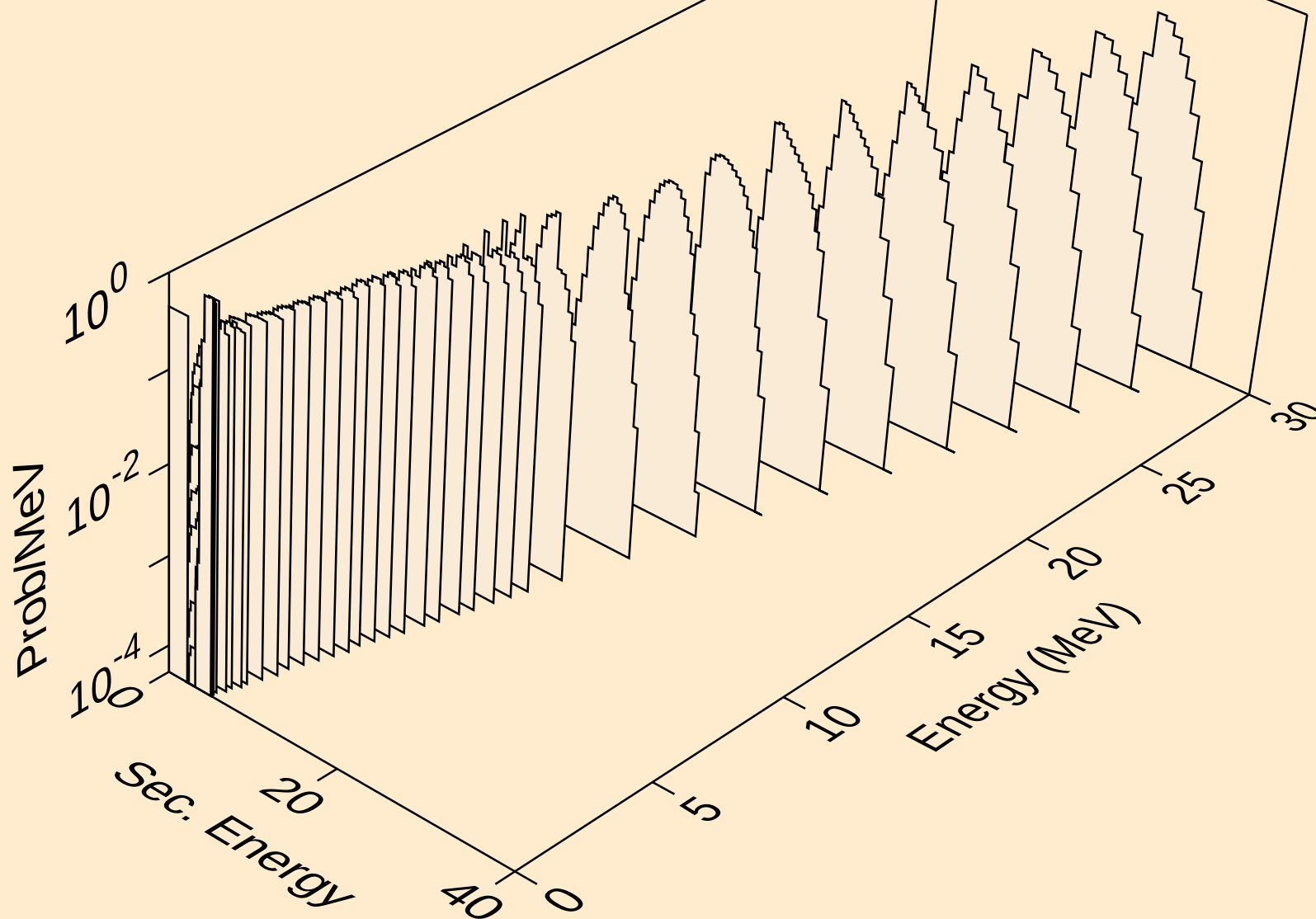
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



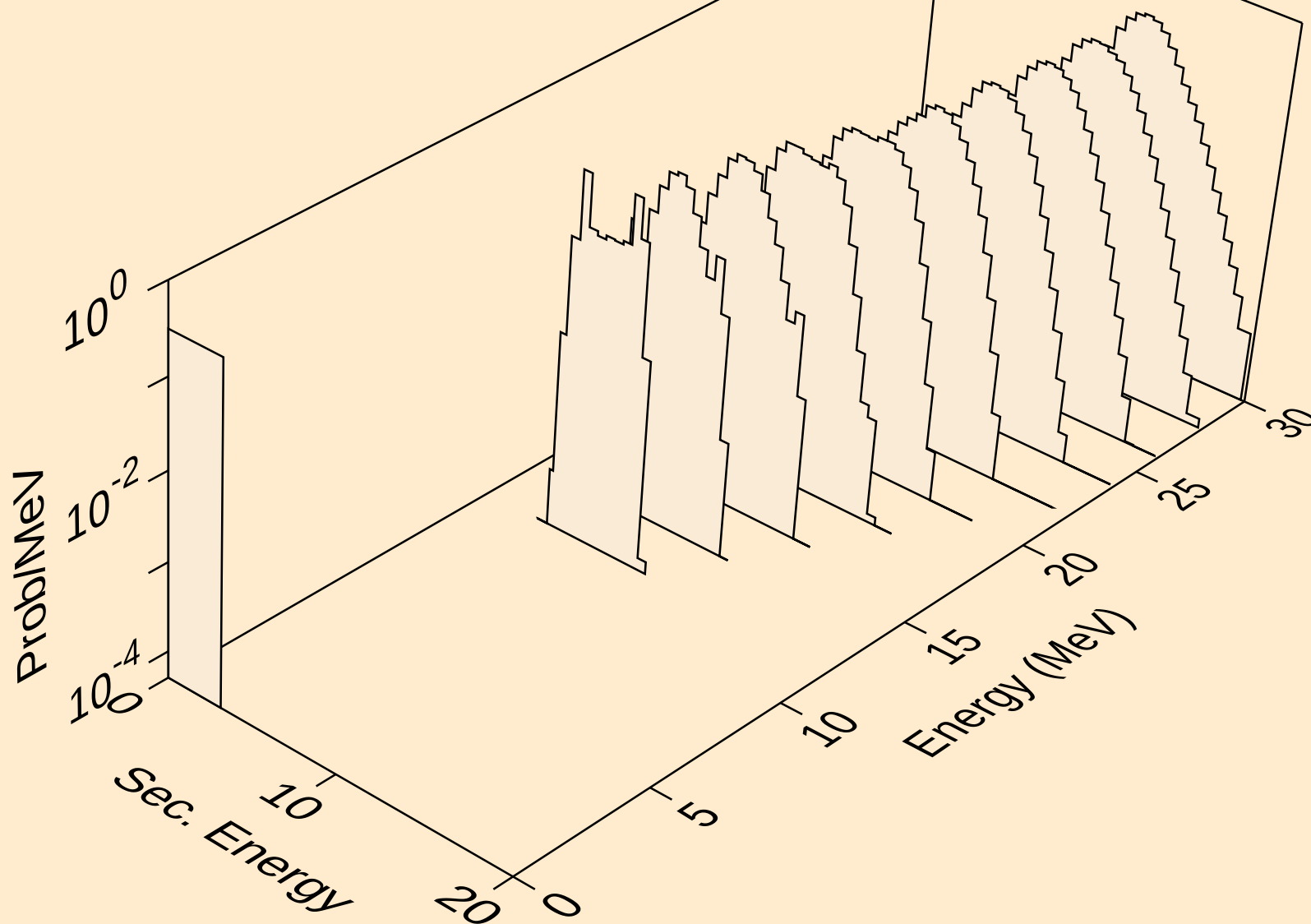
SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



SN117 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)

