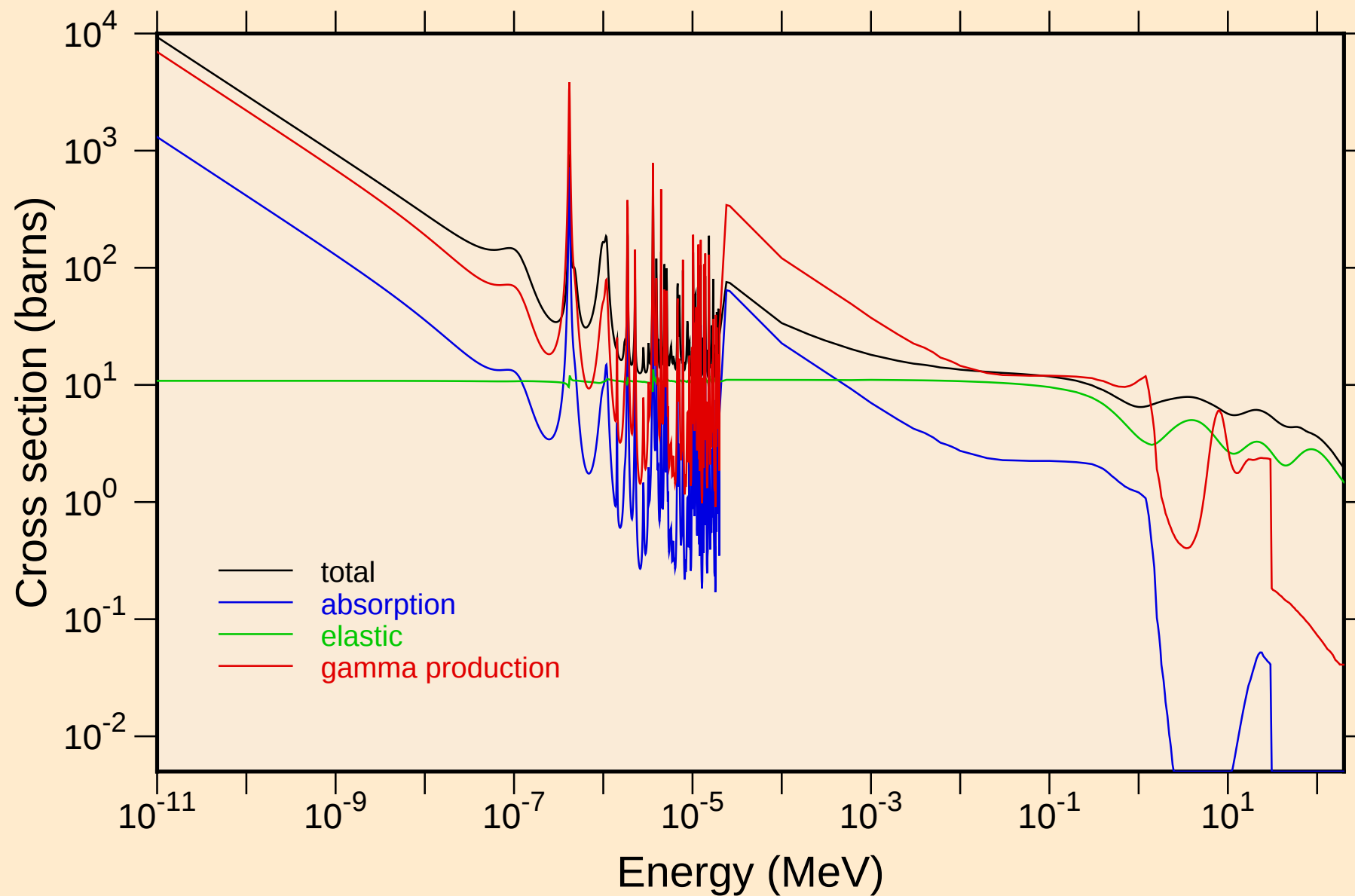
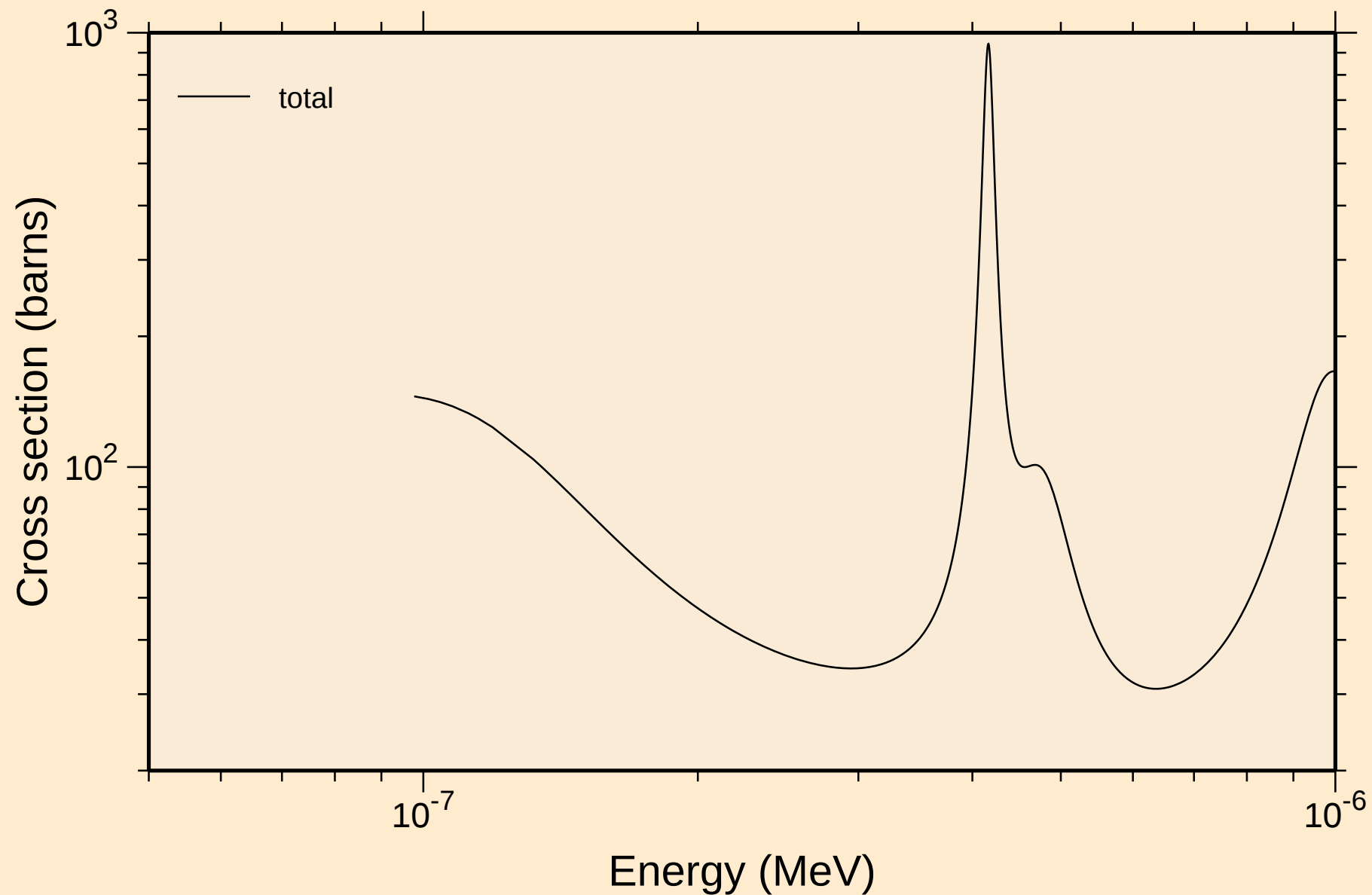


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

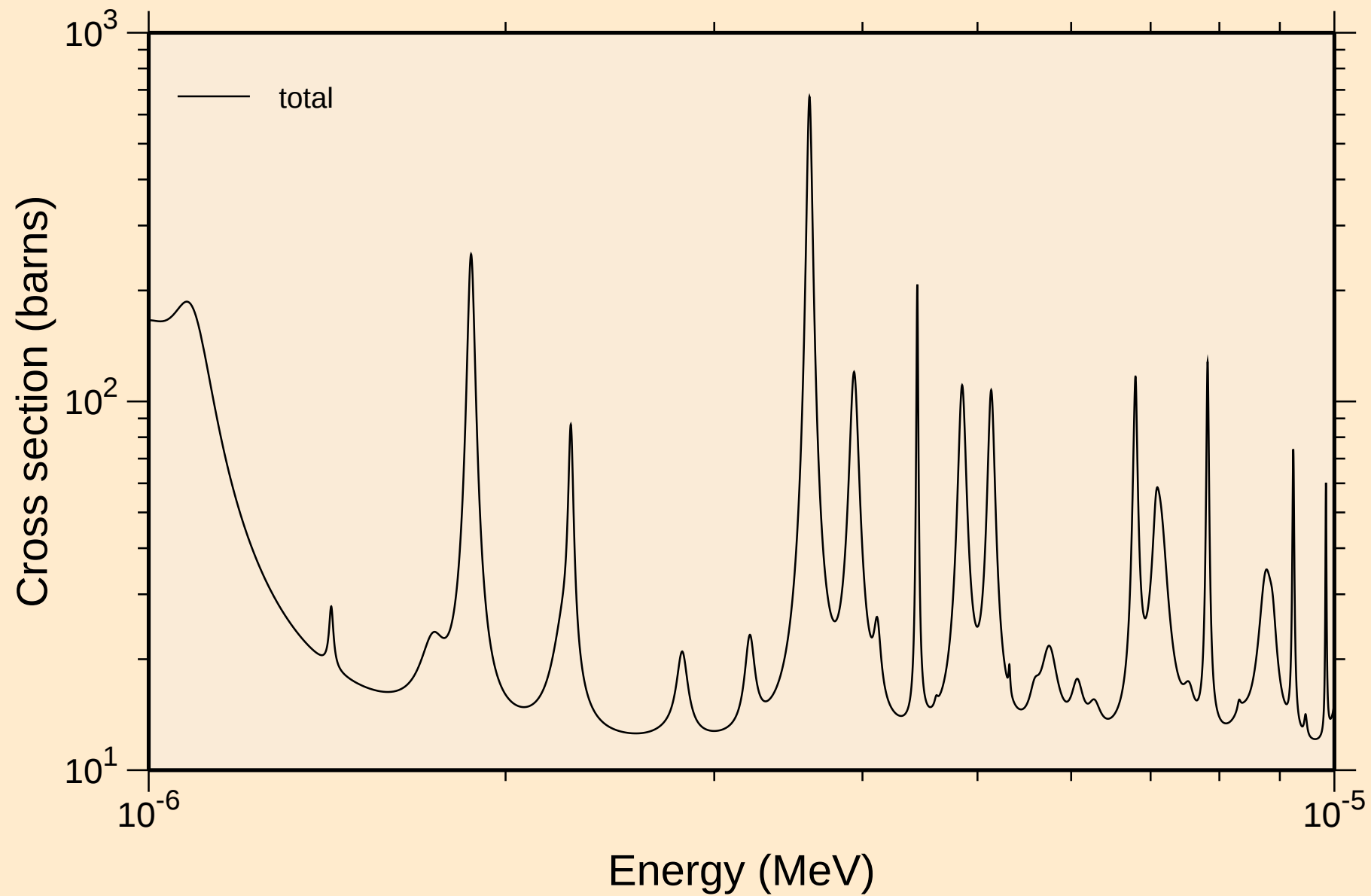
Principal cross sections



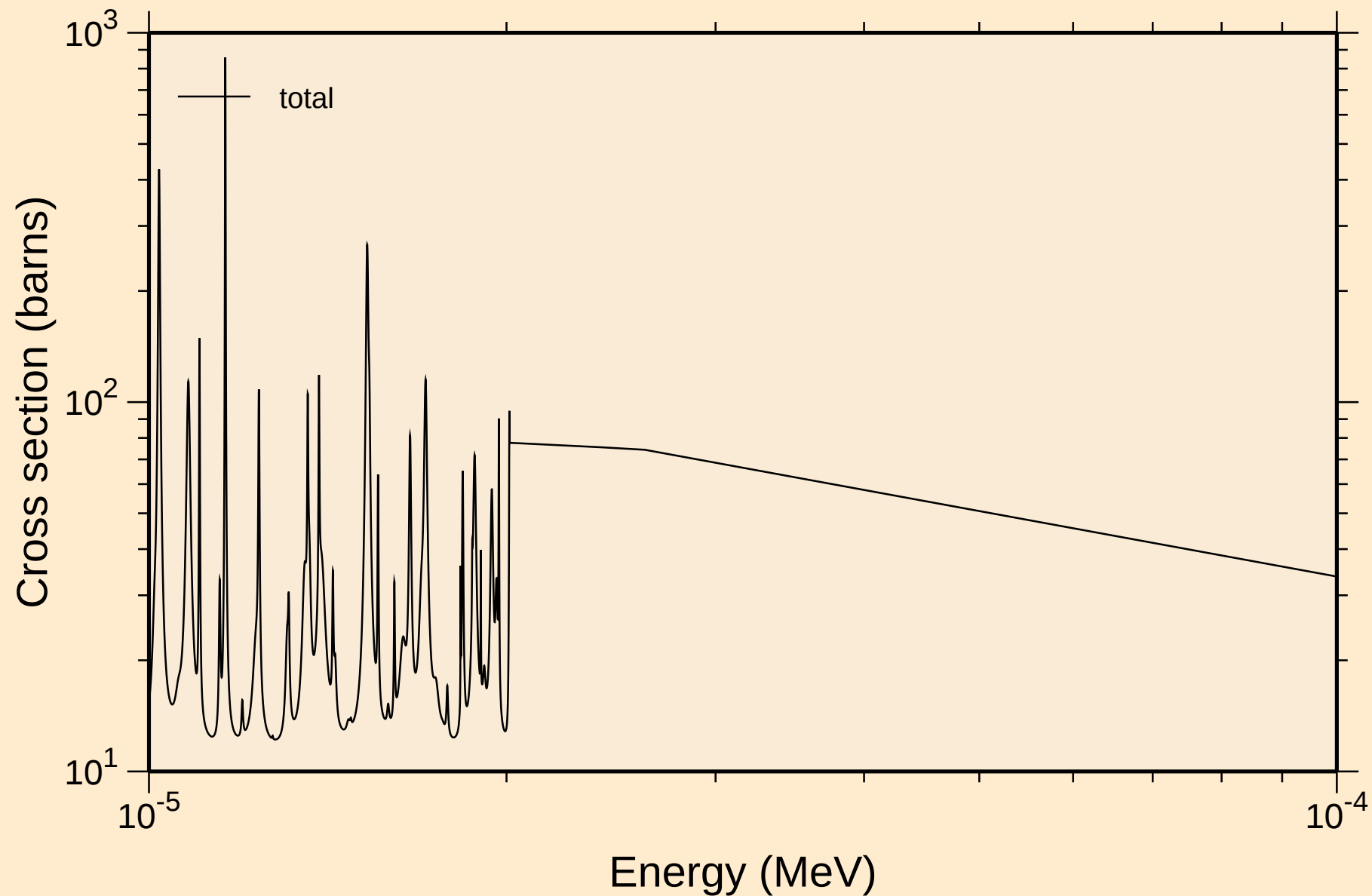
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



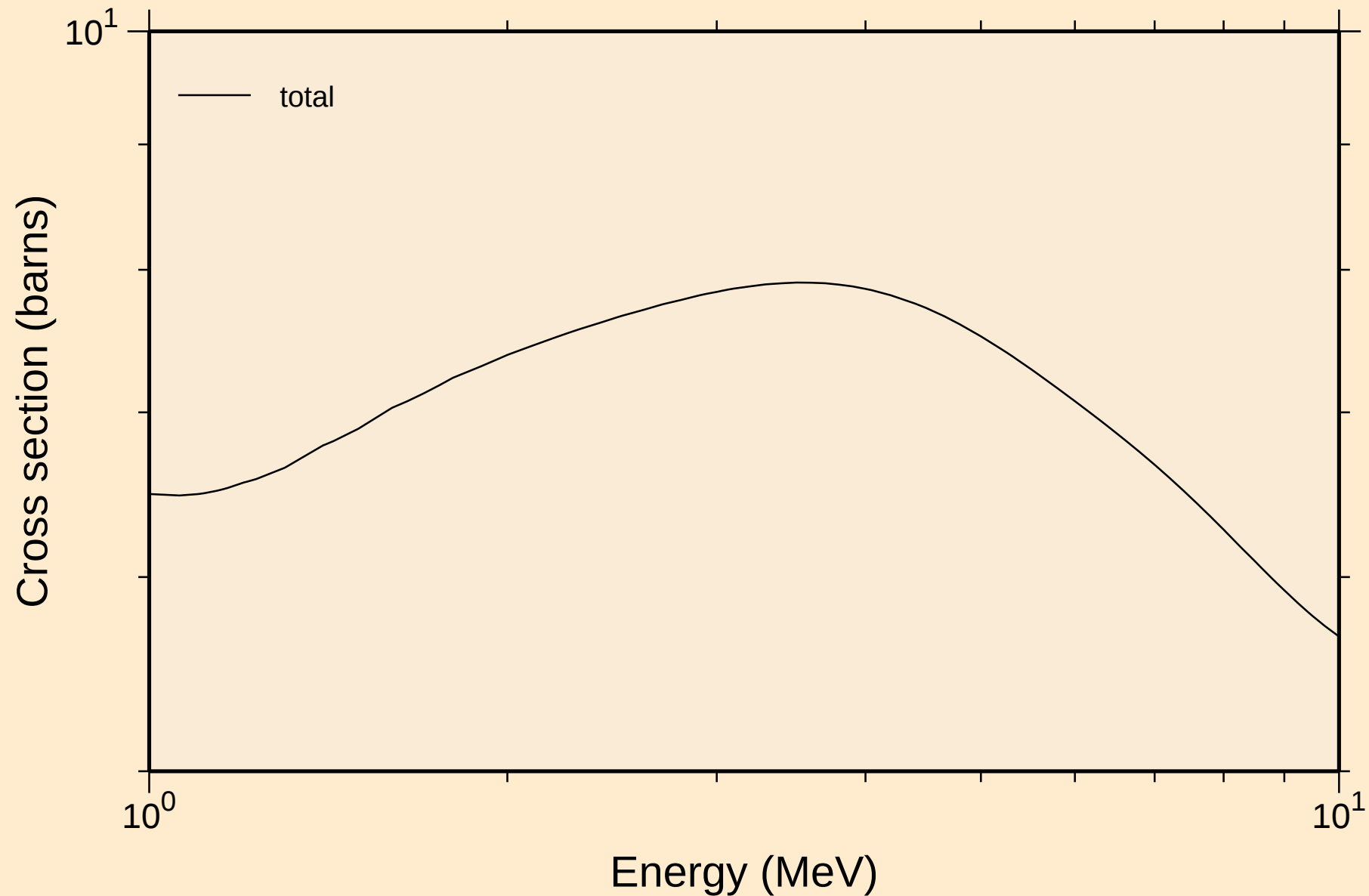
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



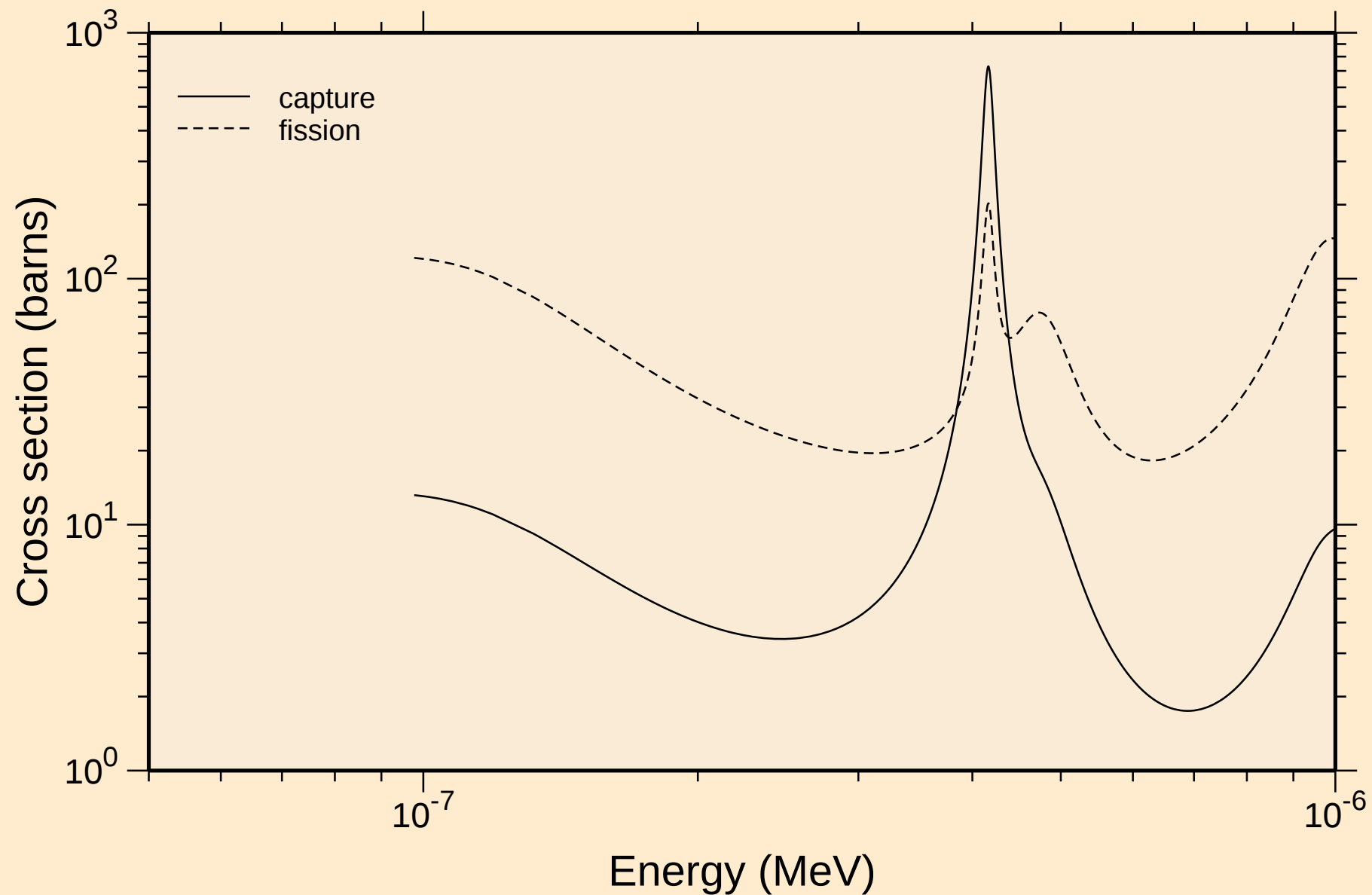
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



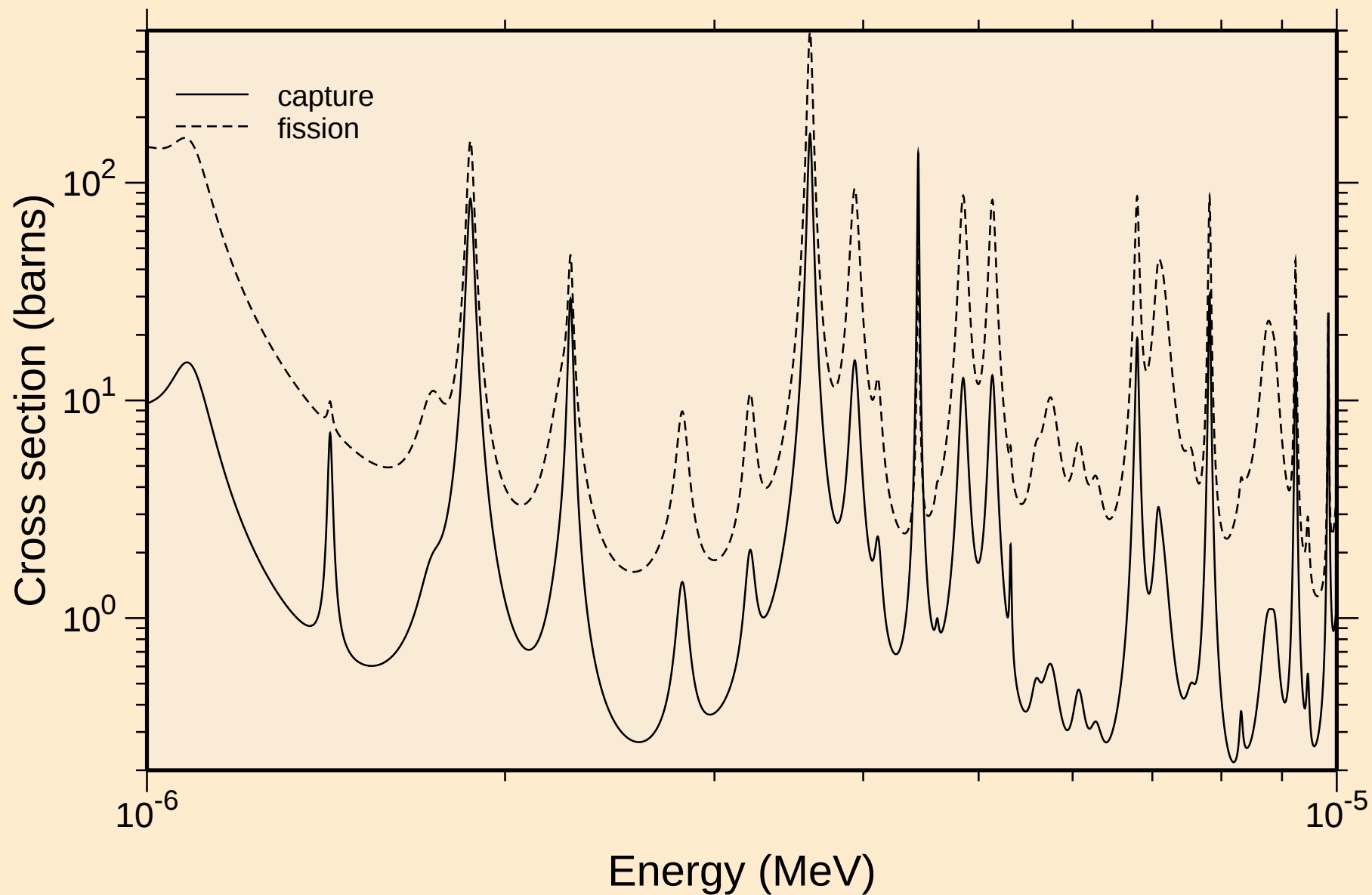
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



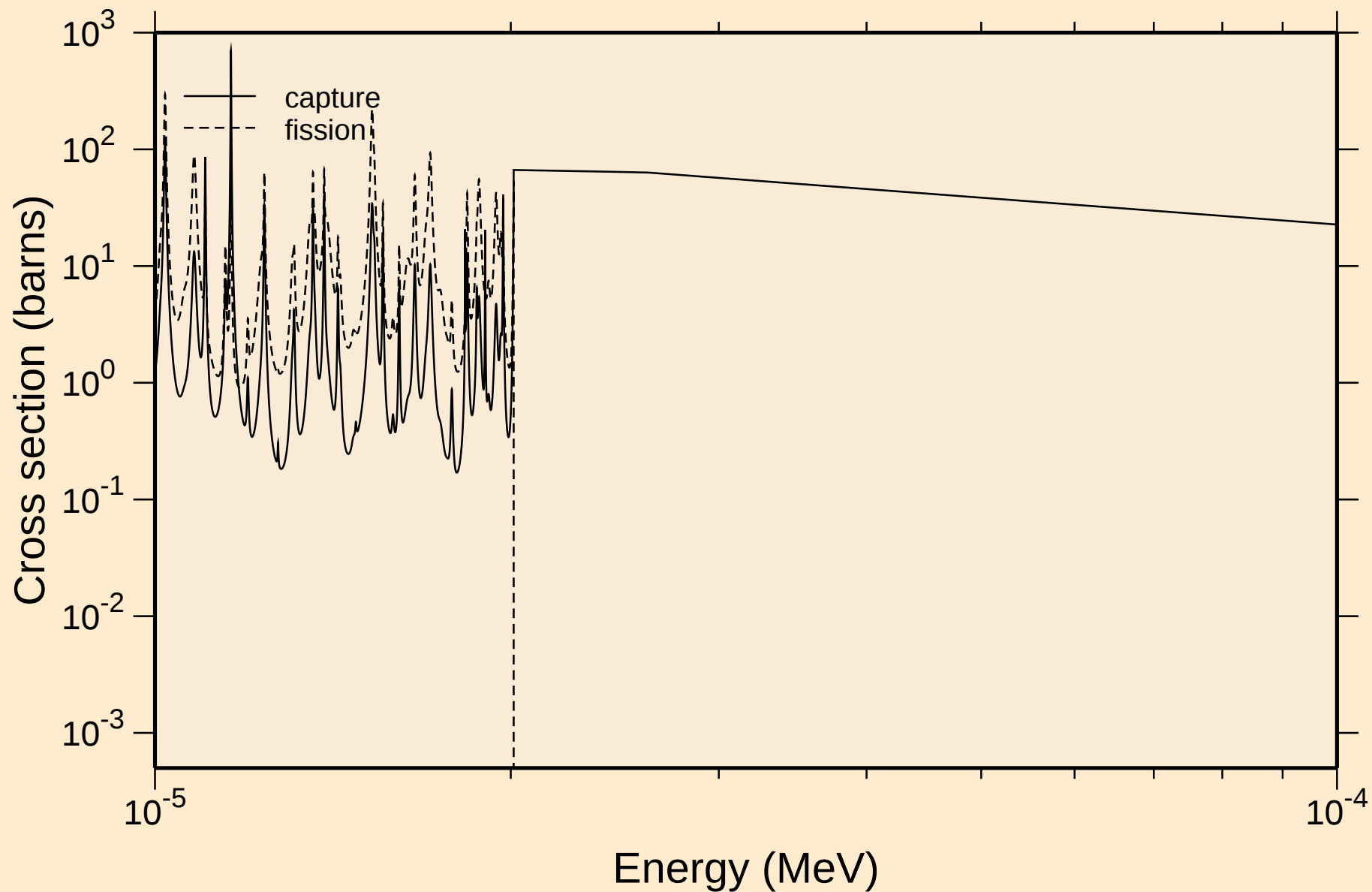
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



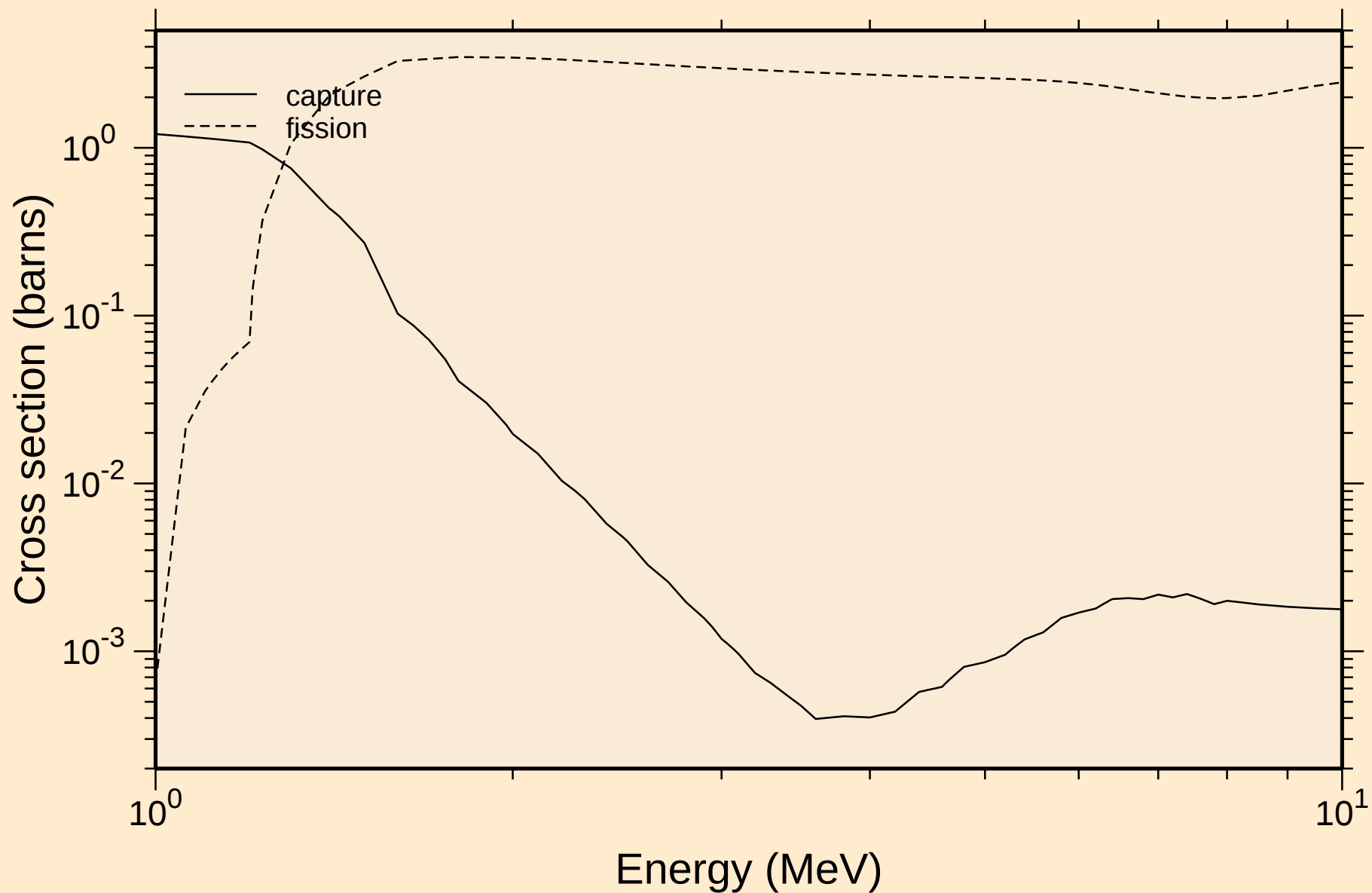
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

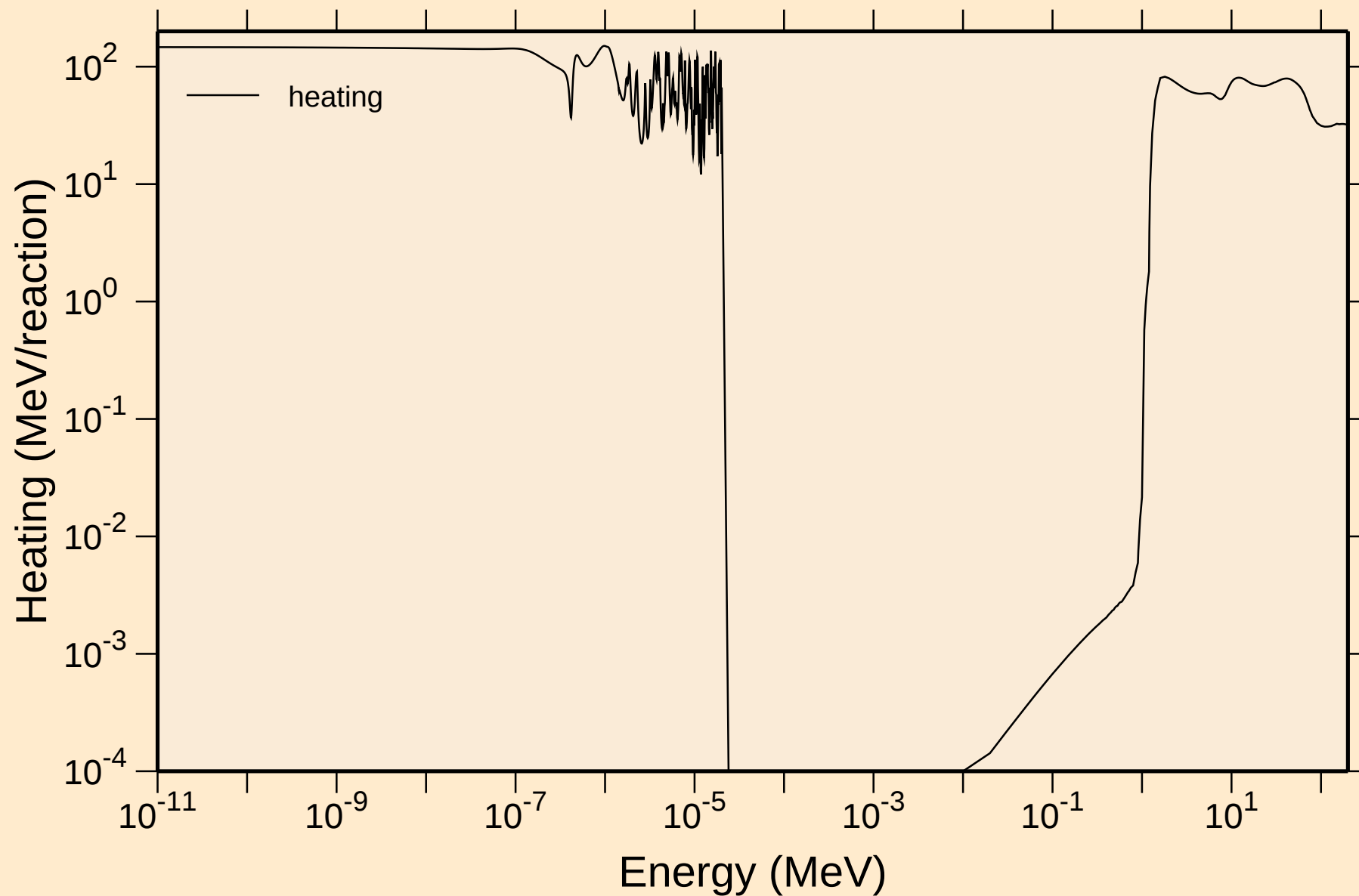


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



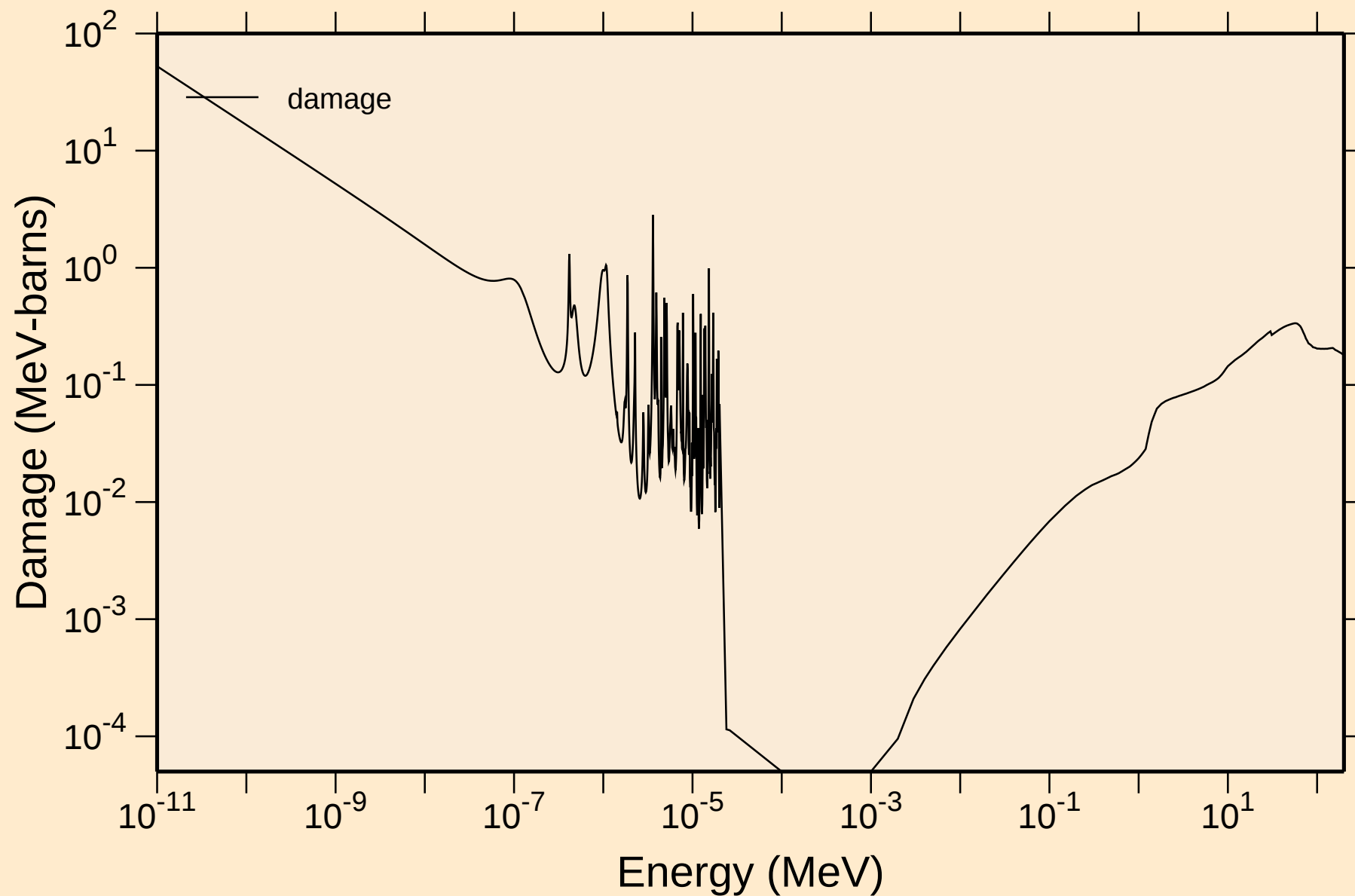
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

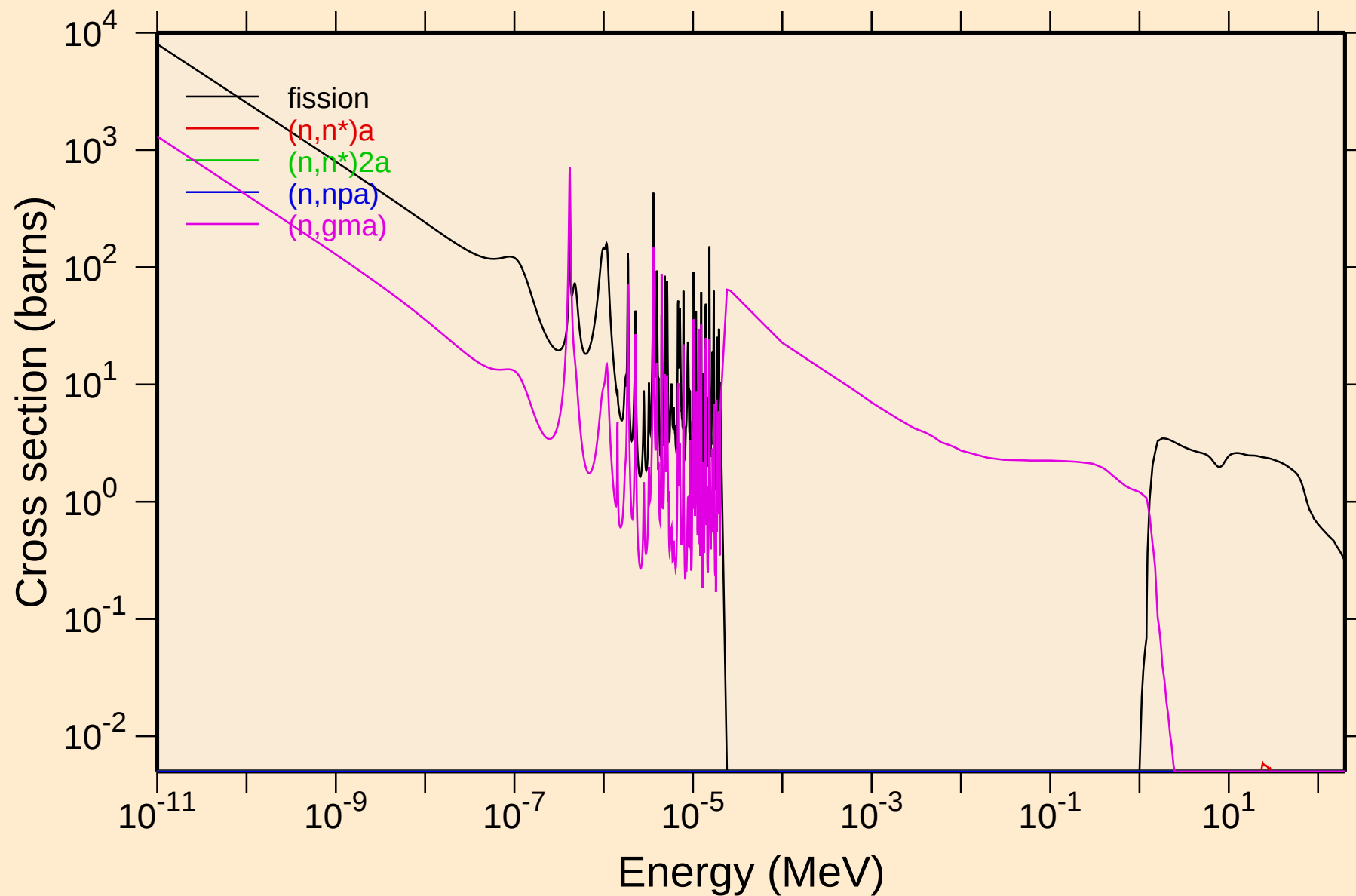


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

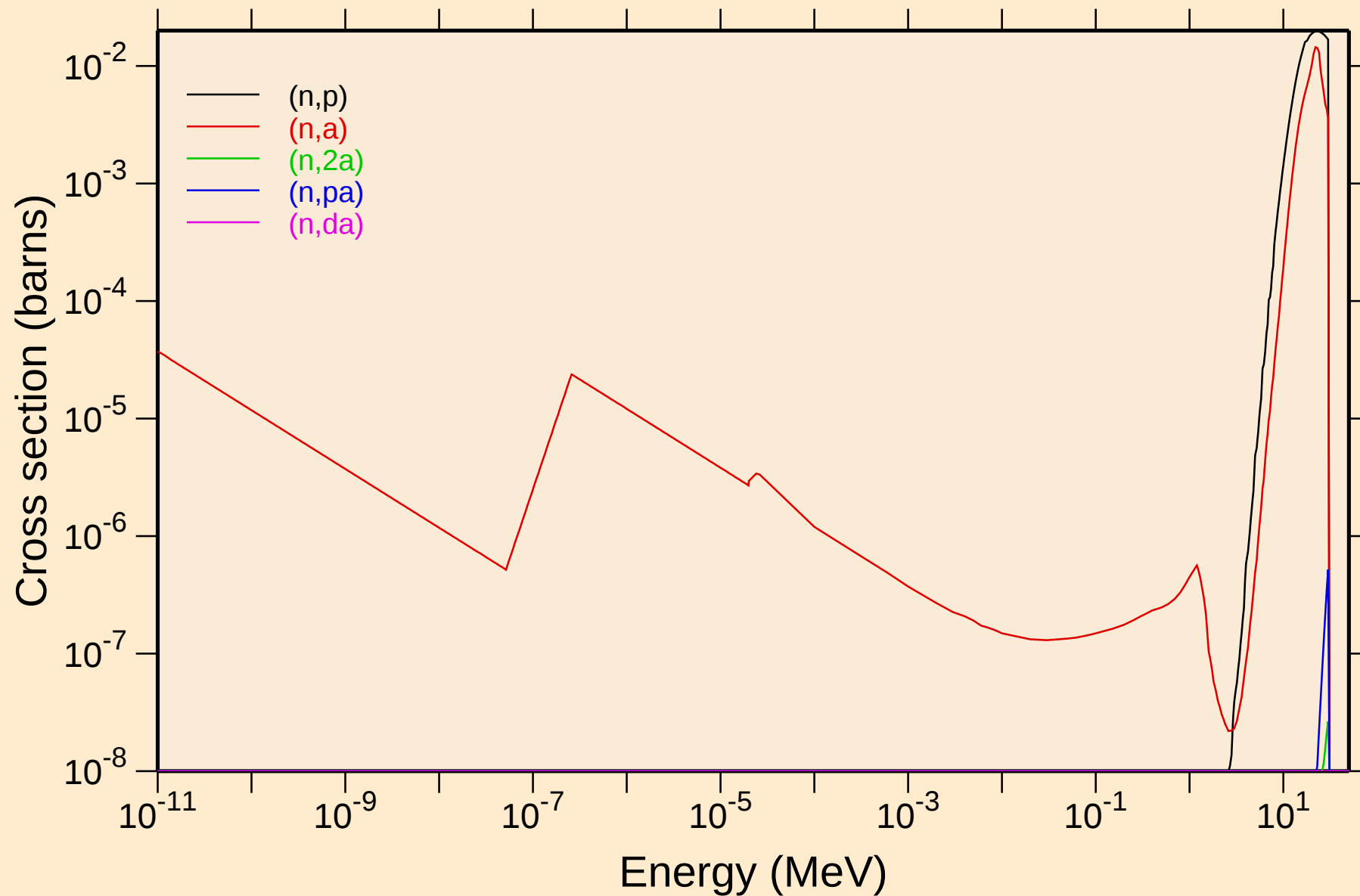
Damage



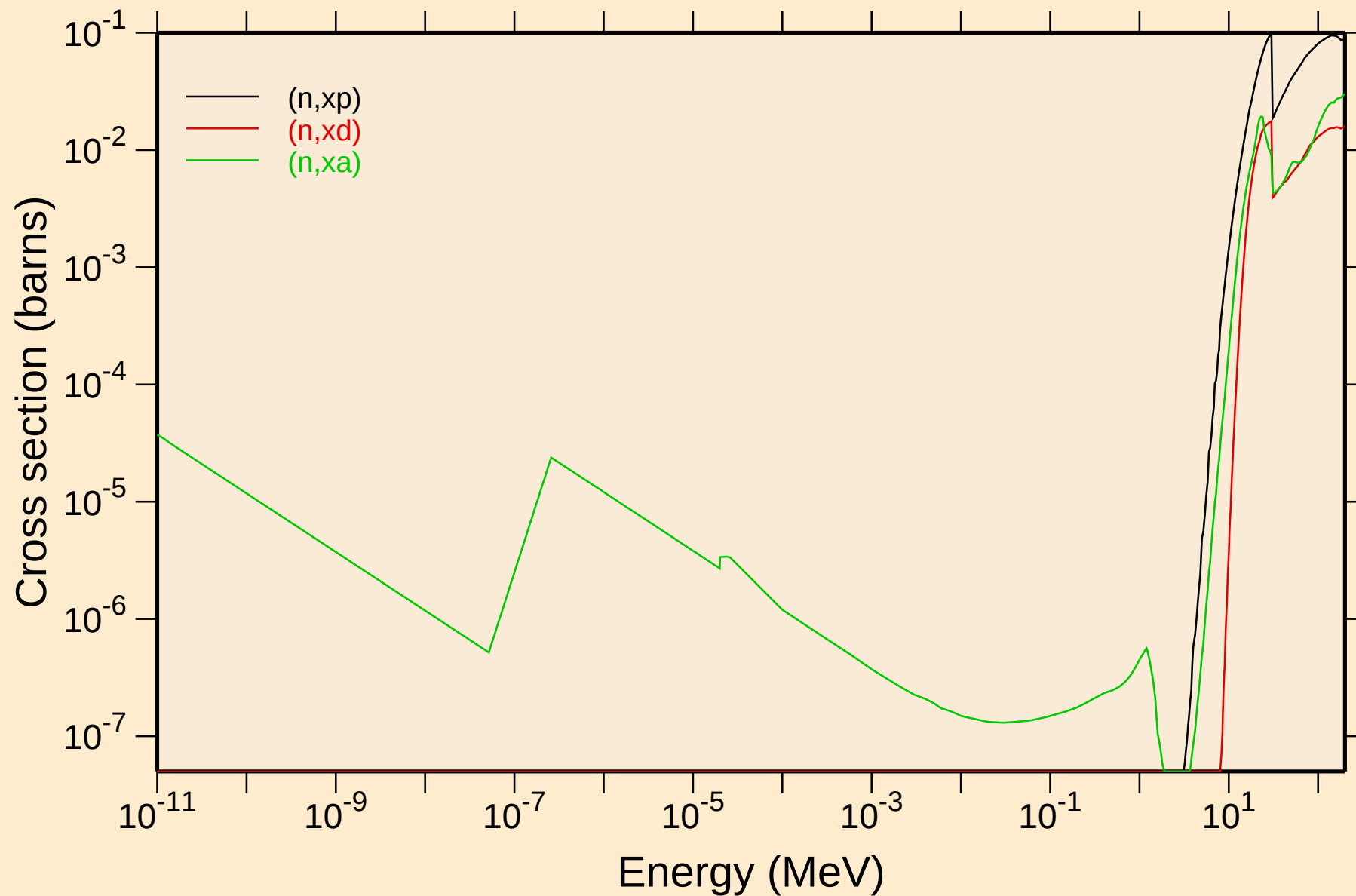
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

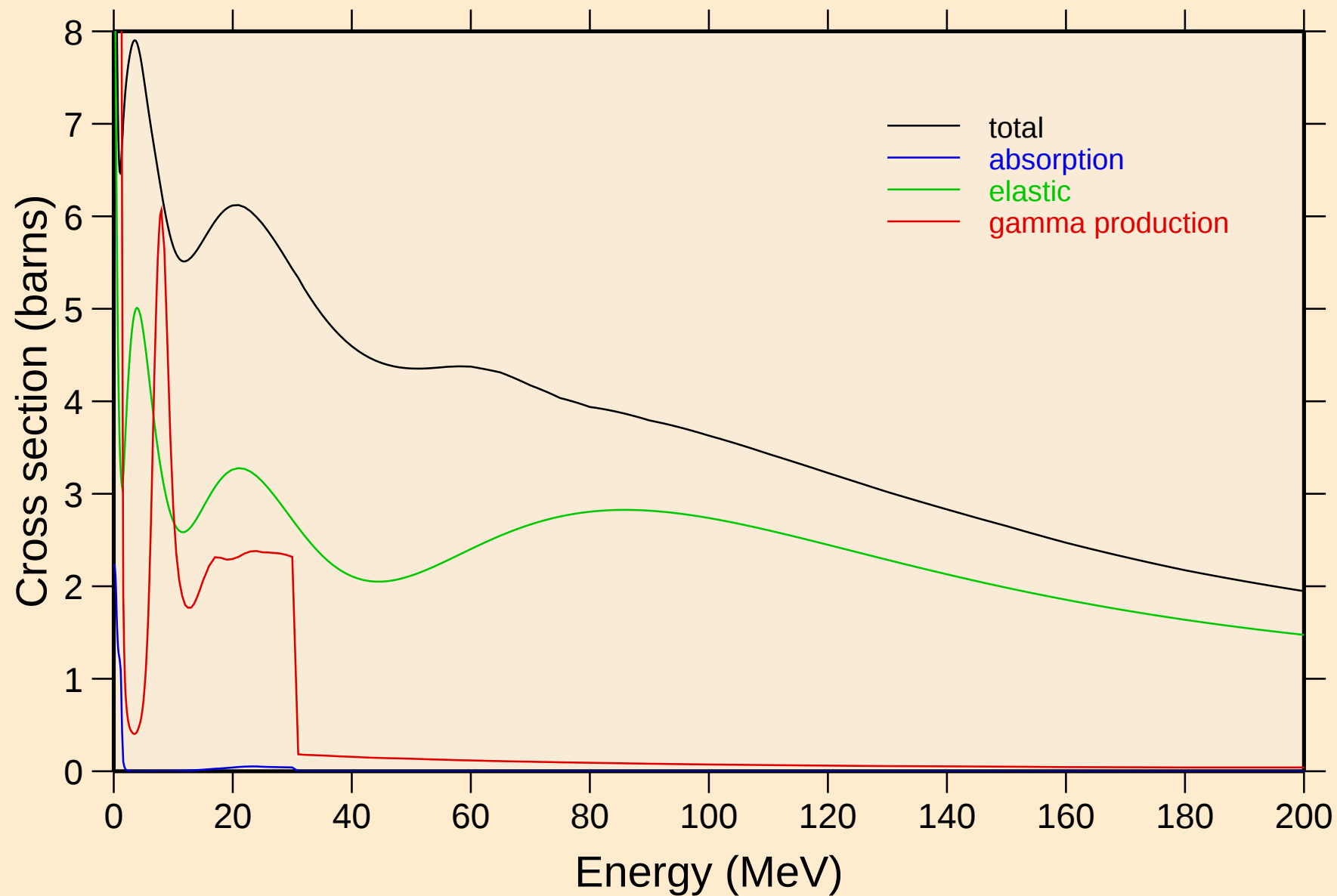


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



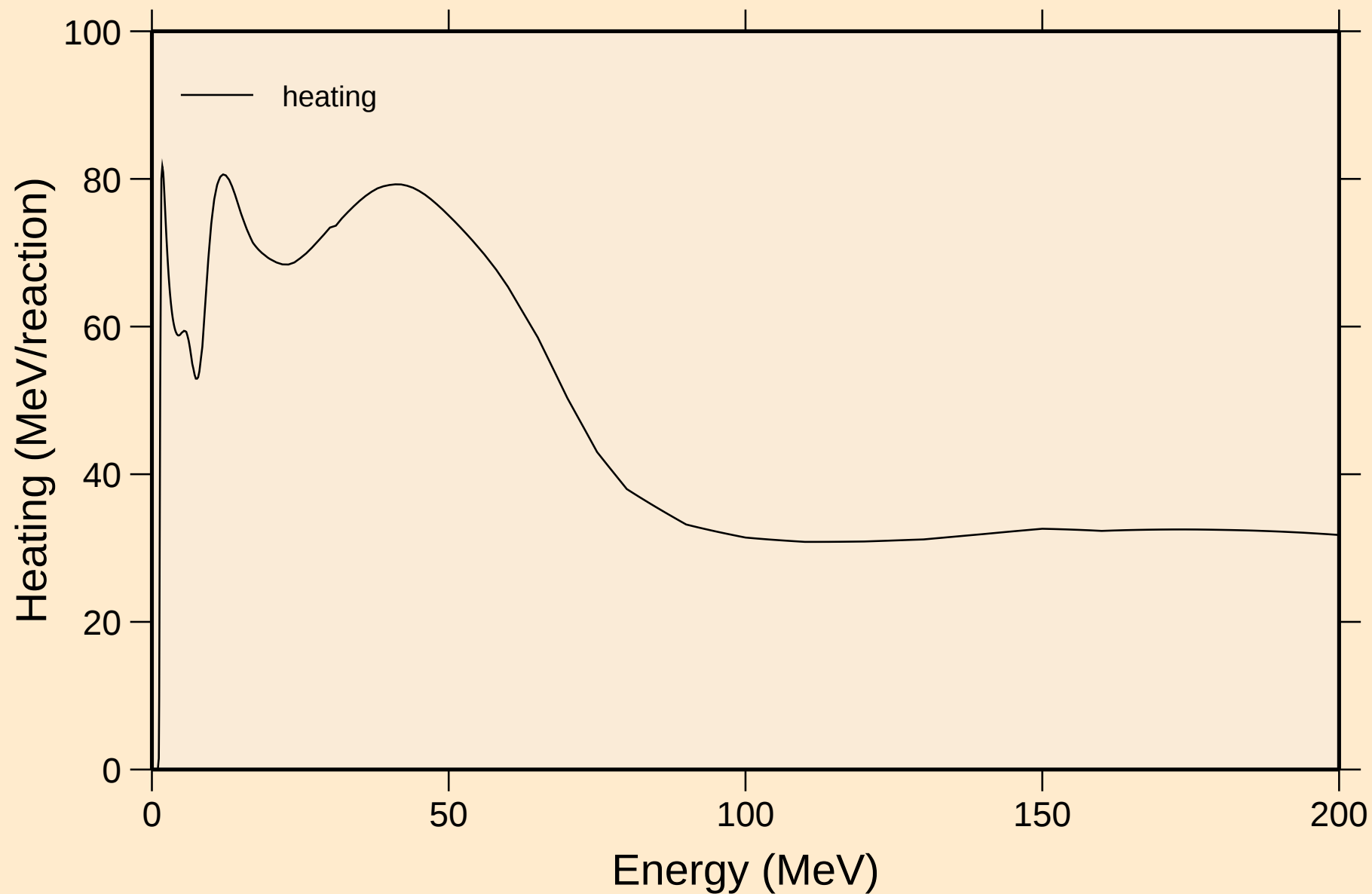
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



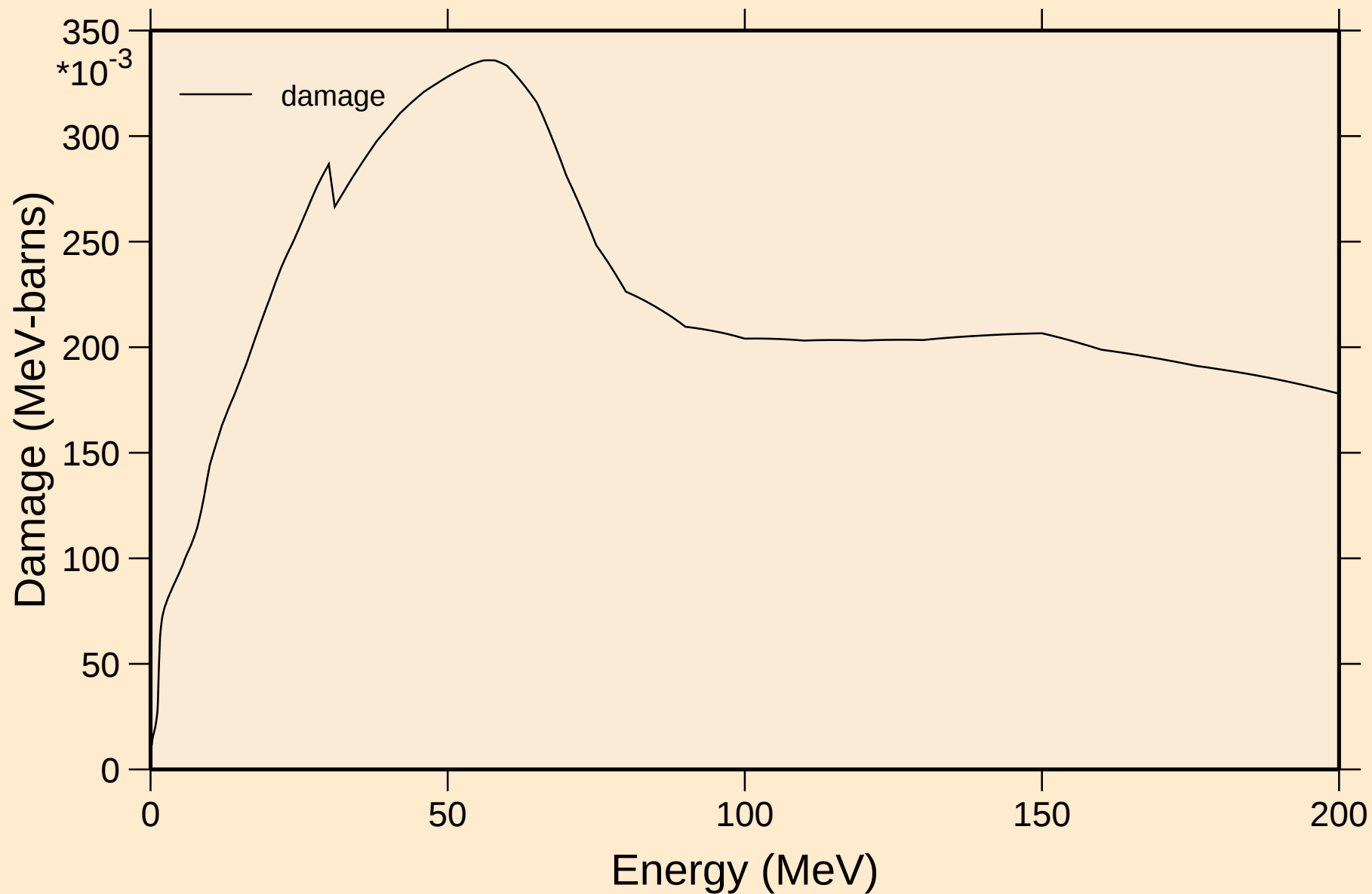
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



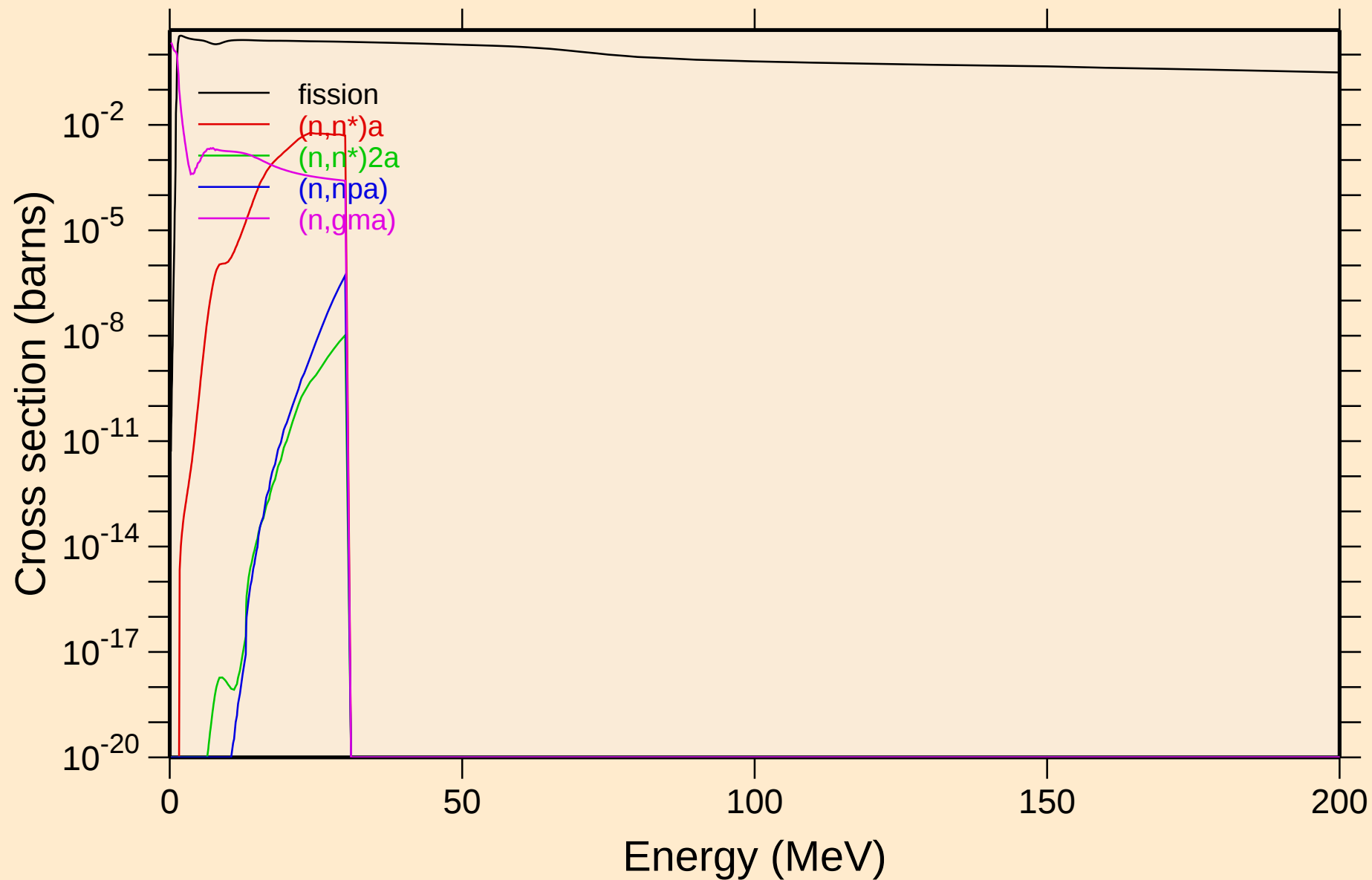
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

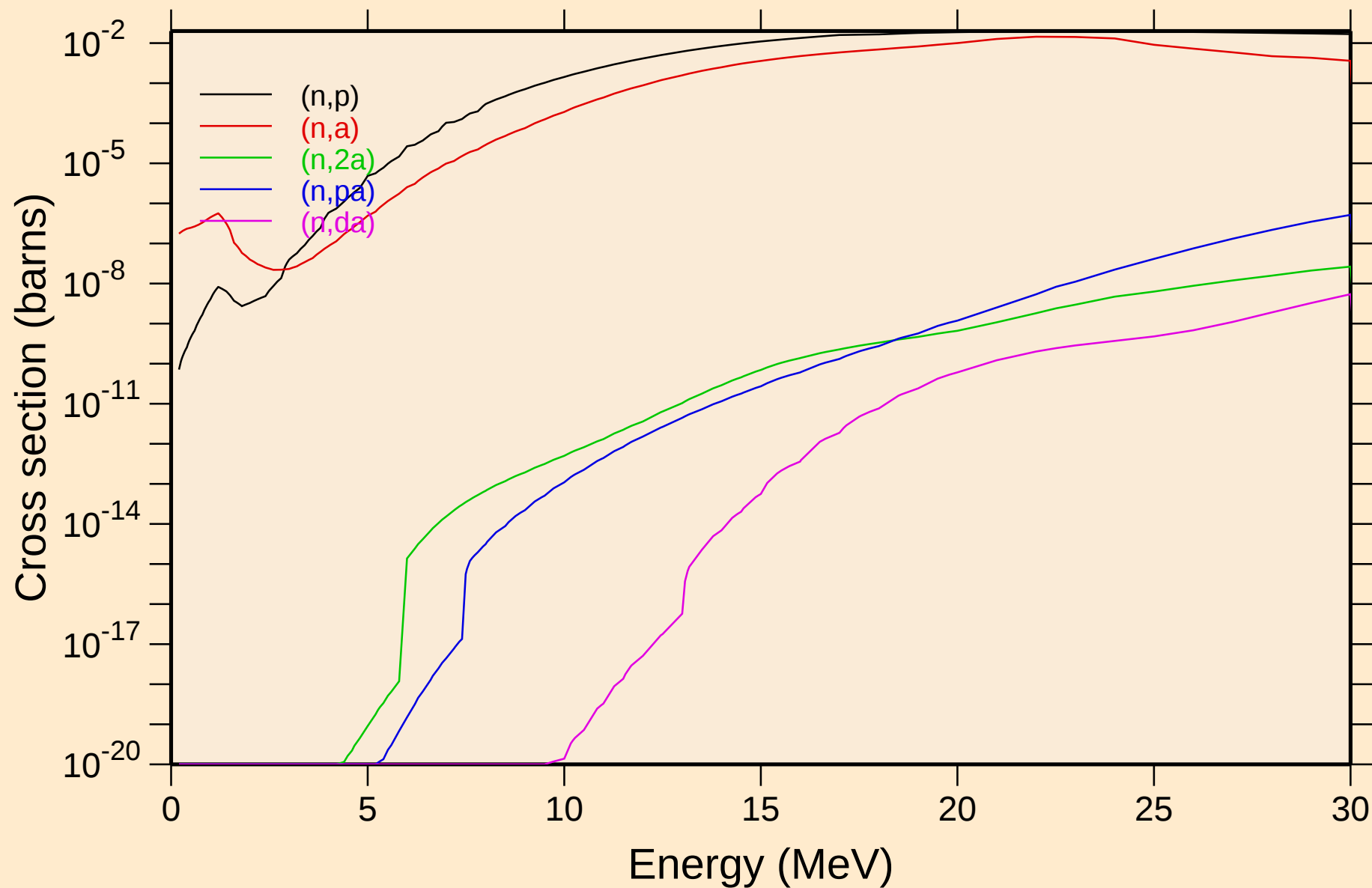


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

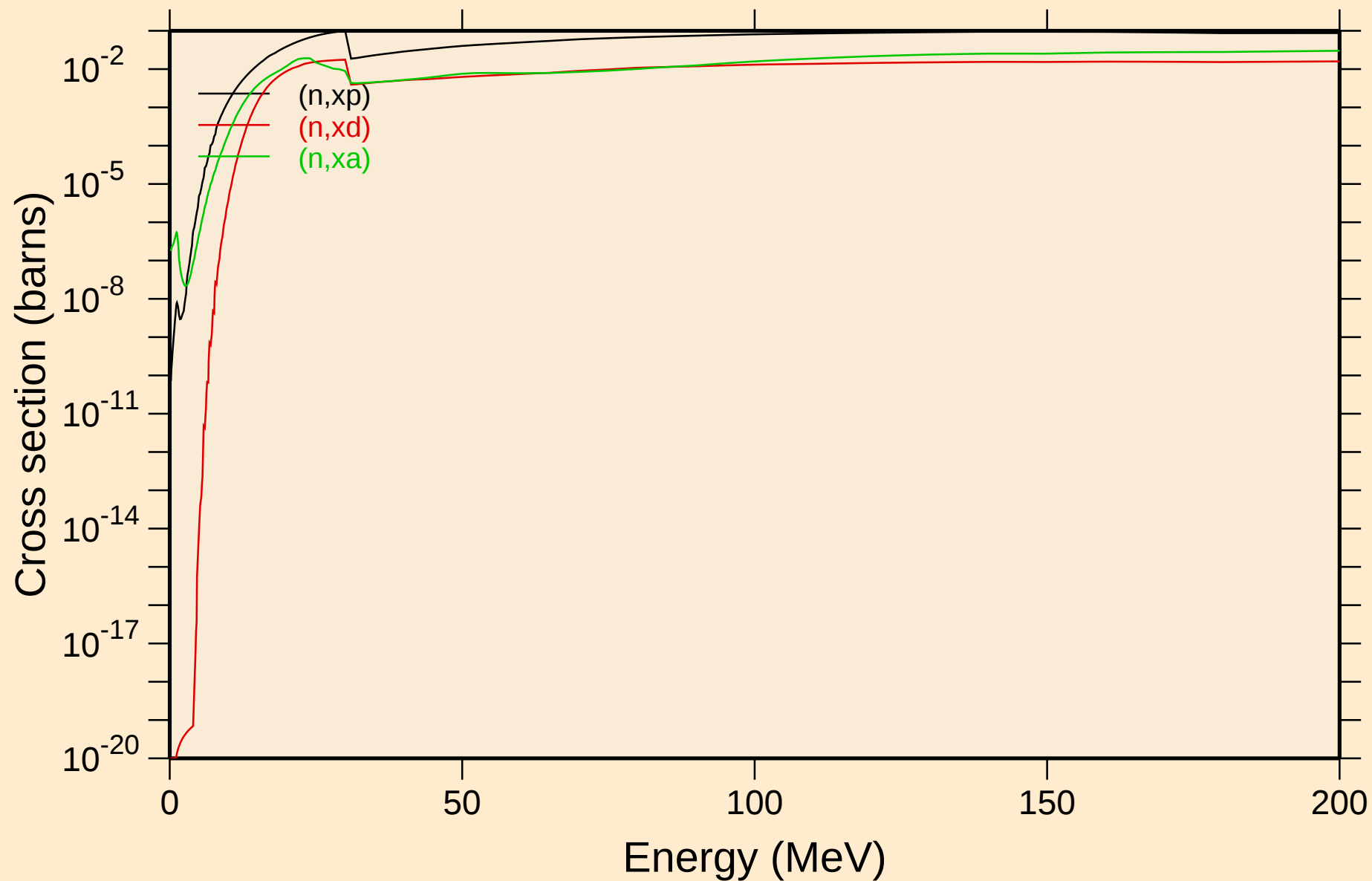
Non-threshold reactions



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

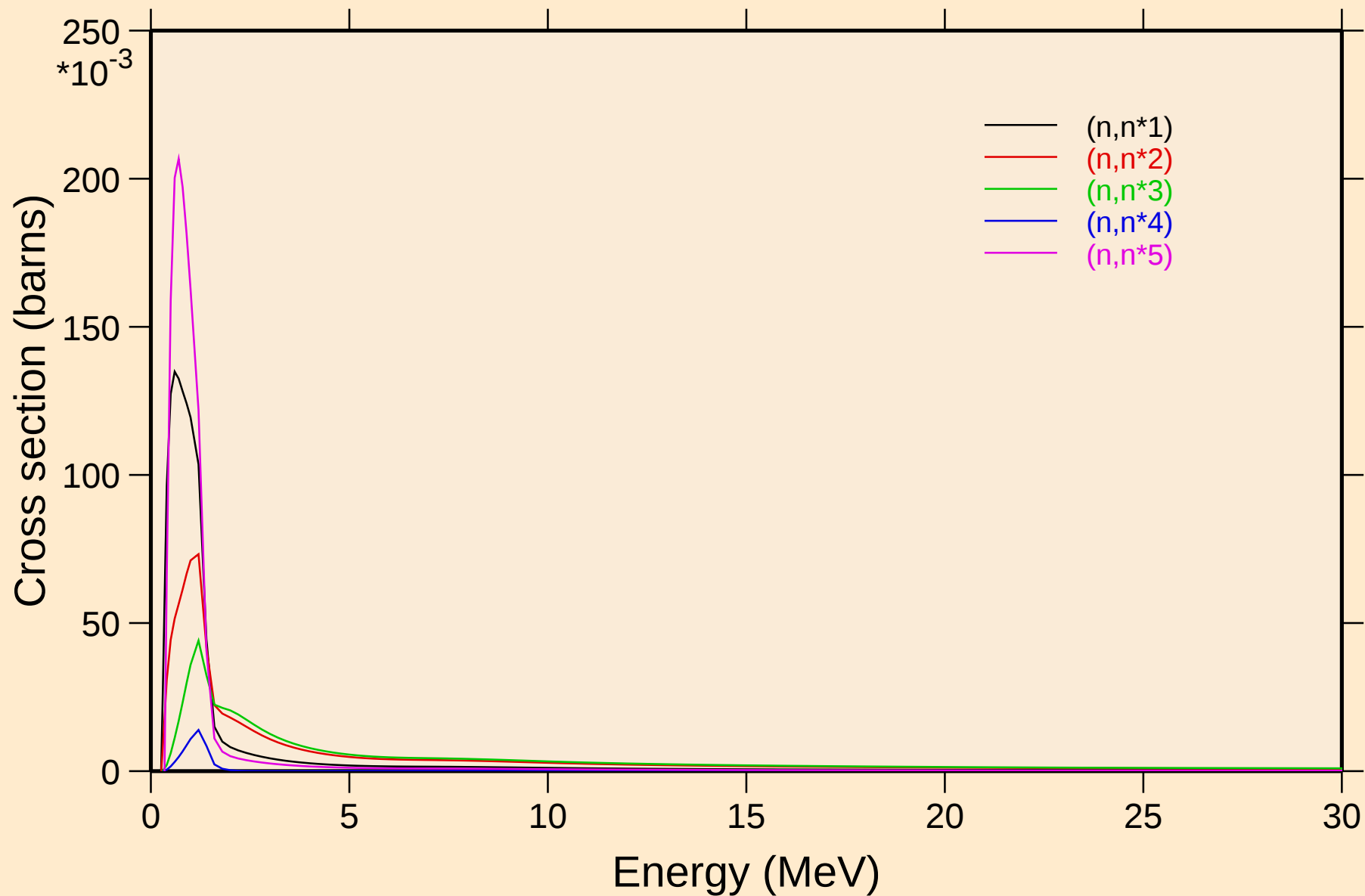


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



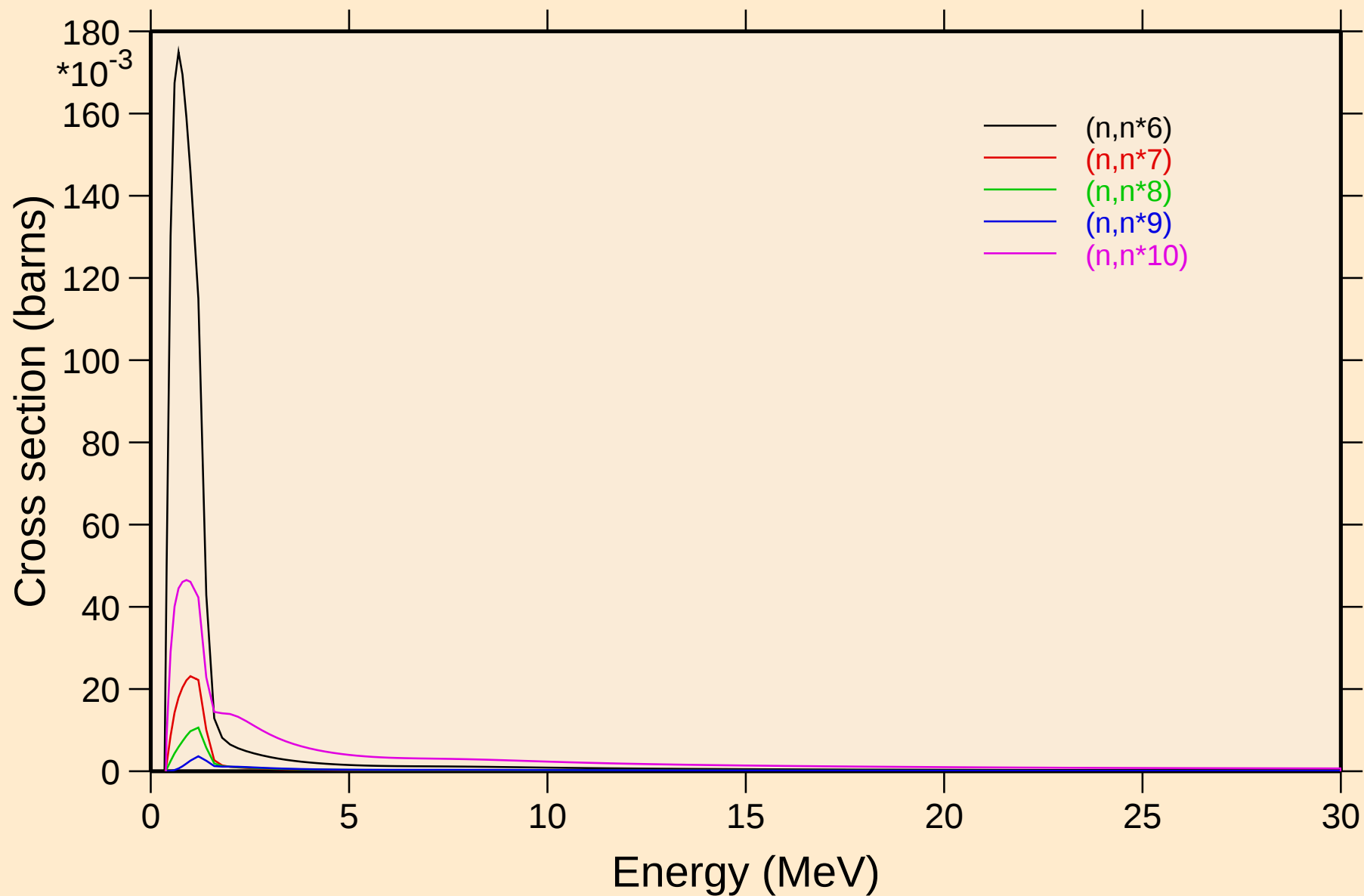
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



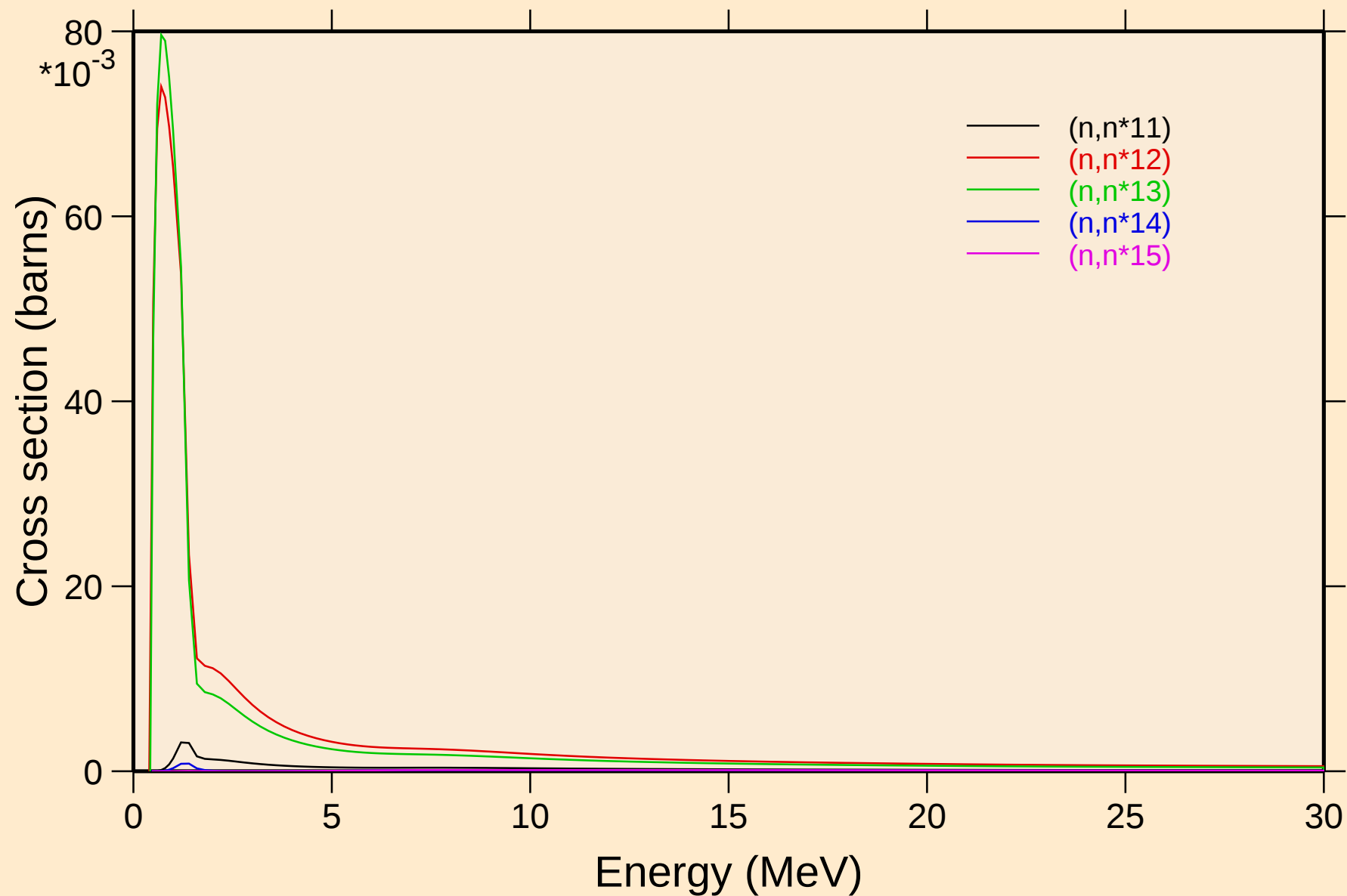
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



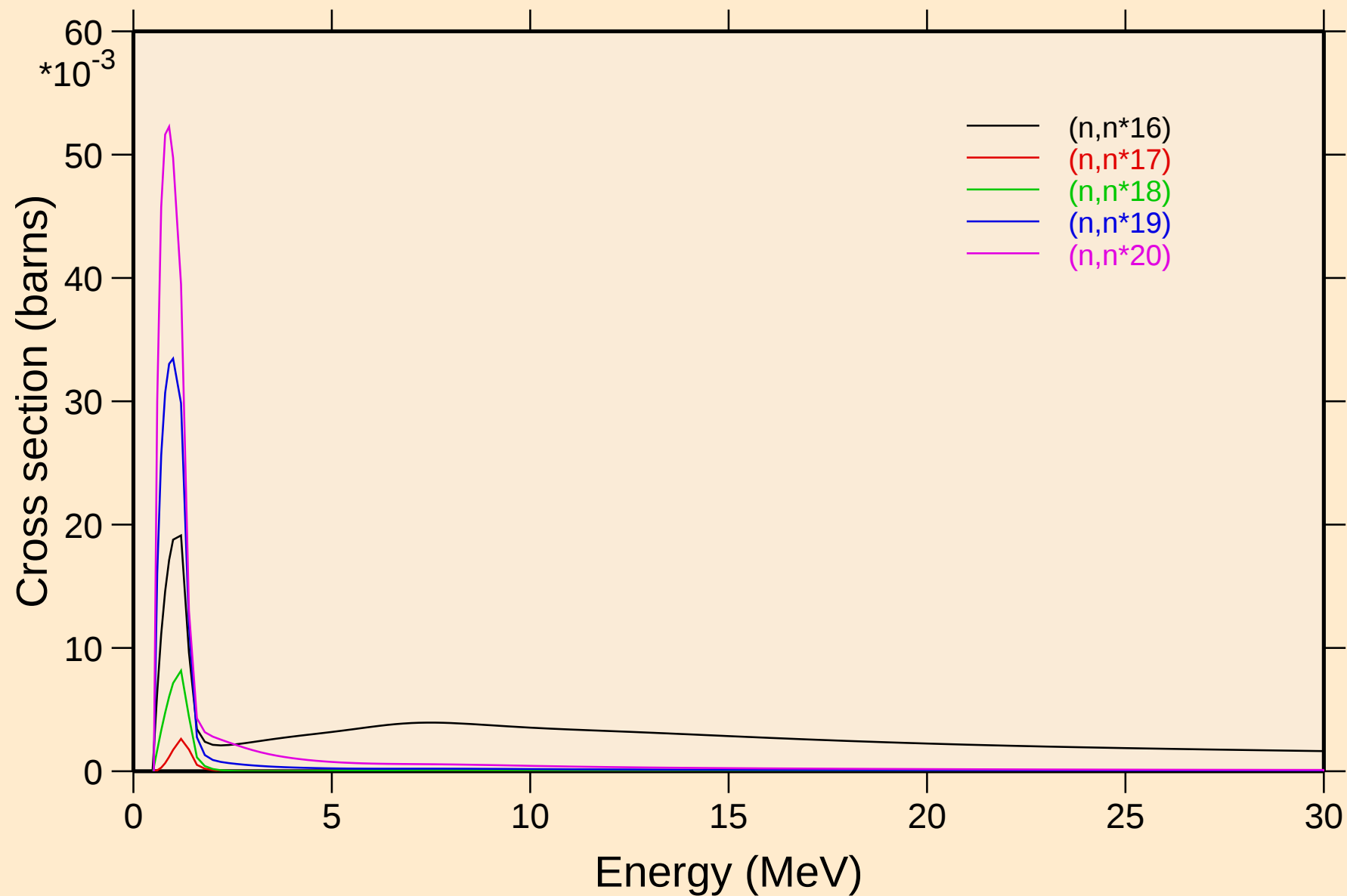
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



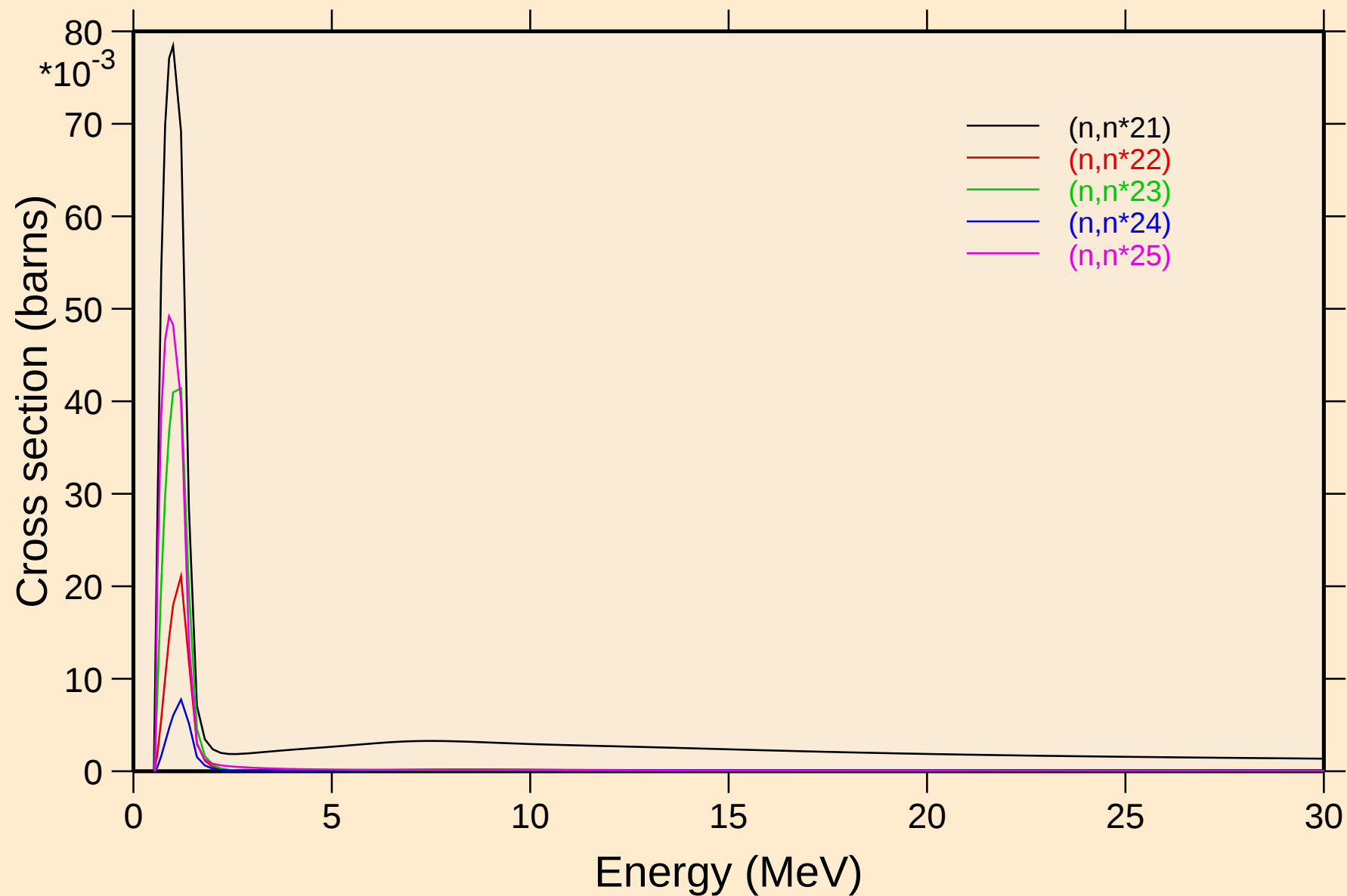
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



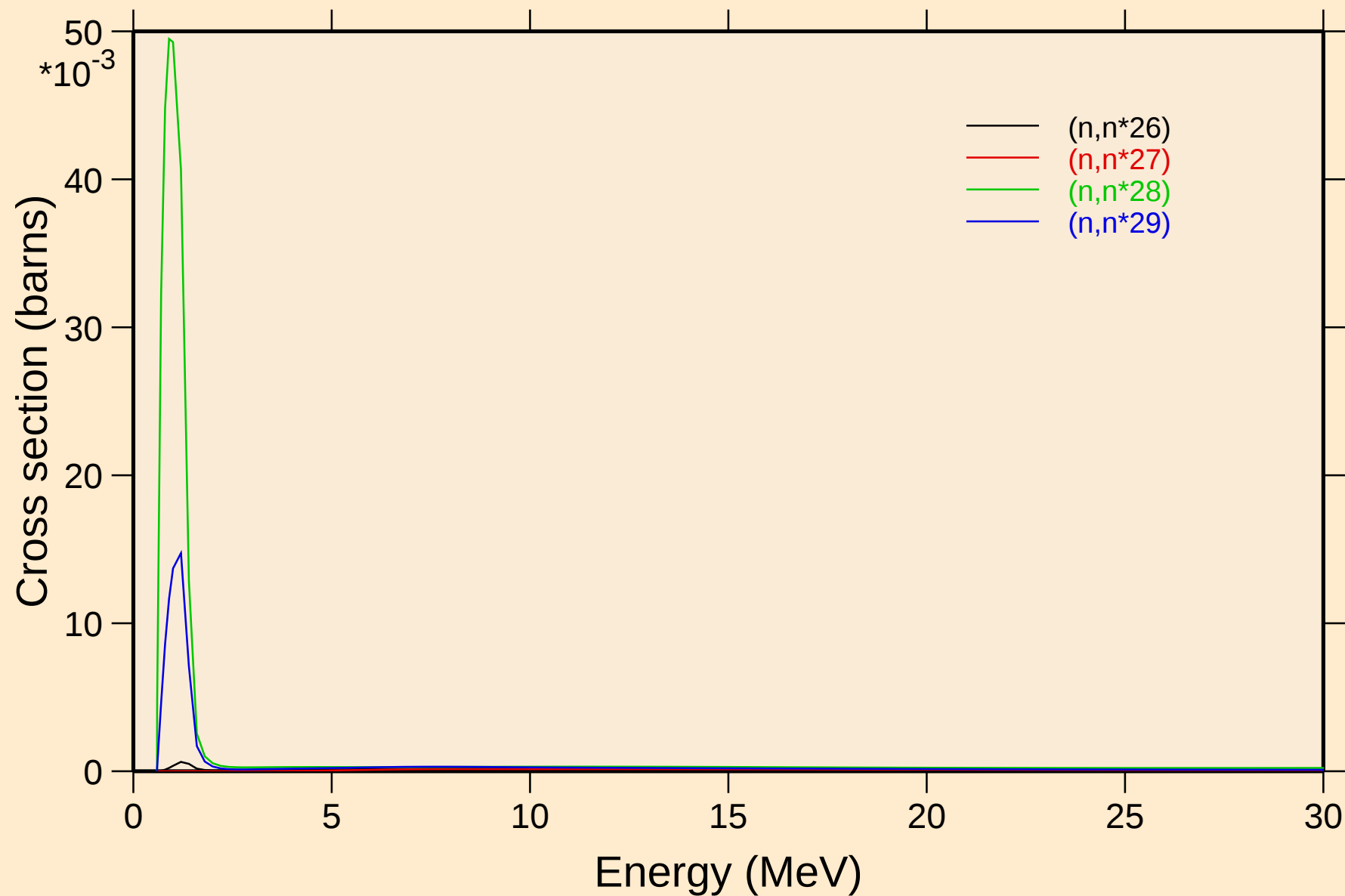
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



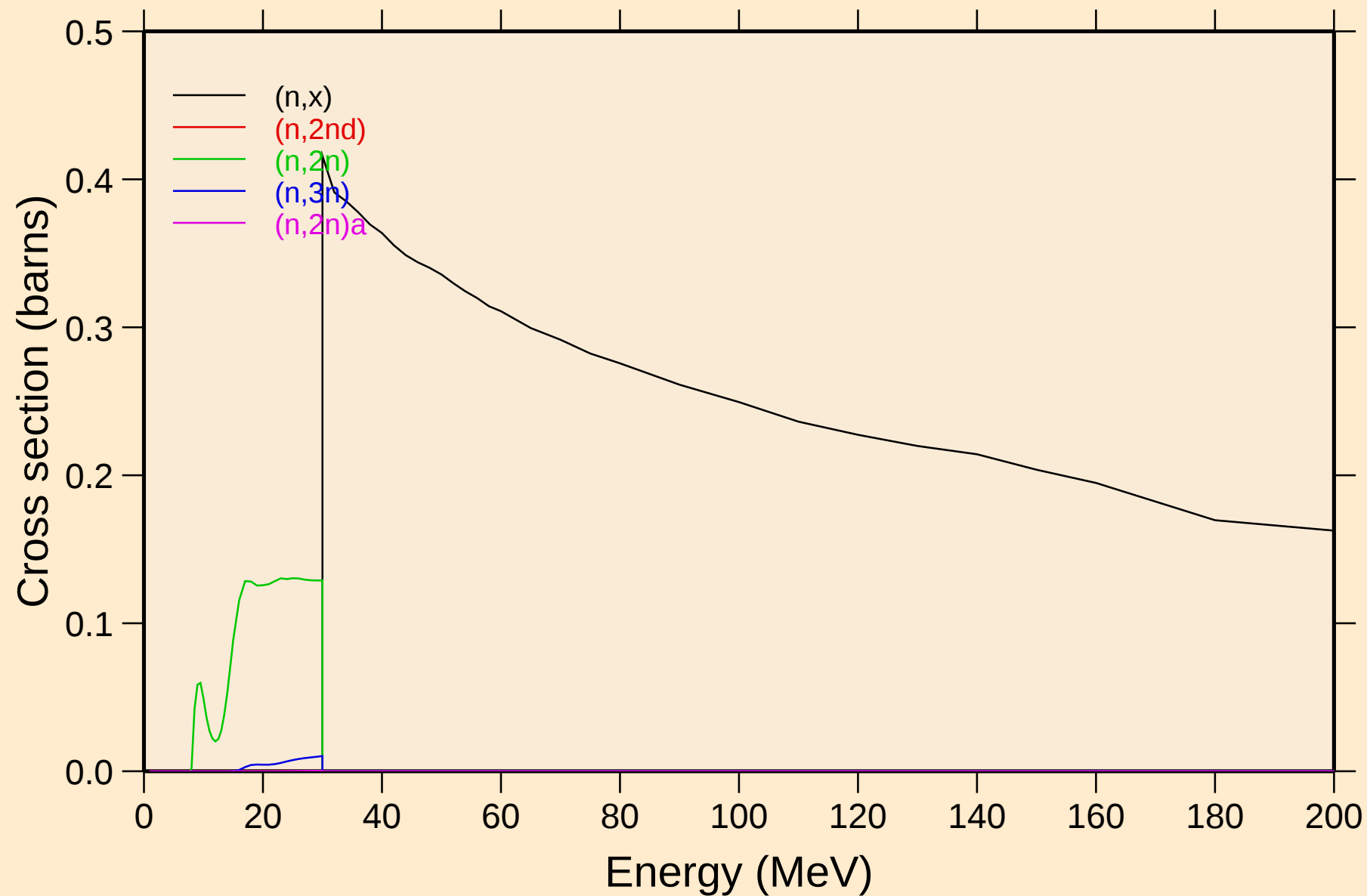
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



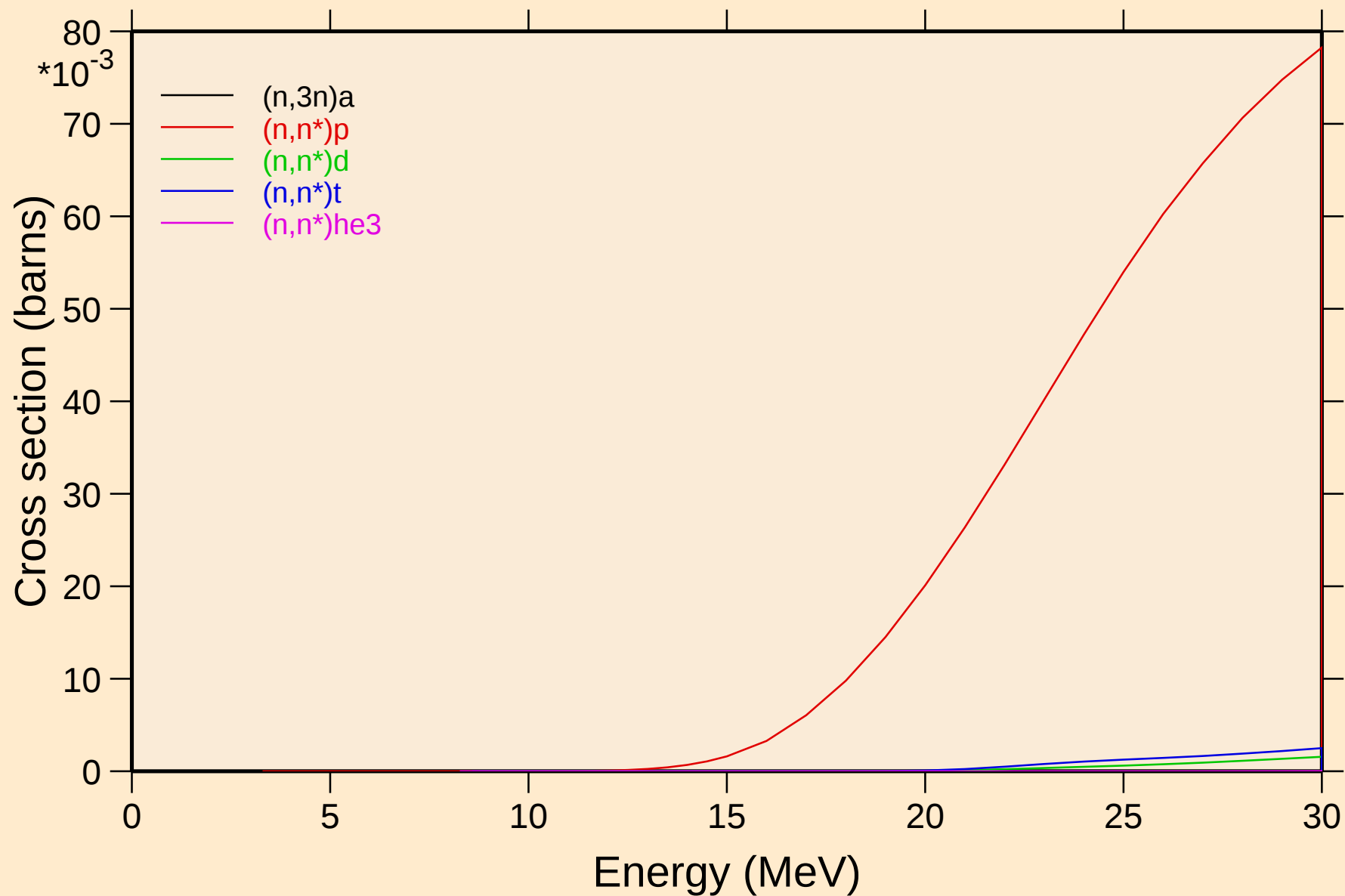
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



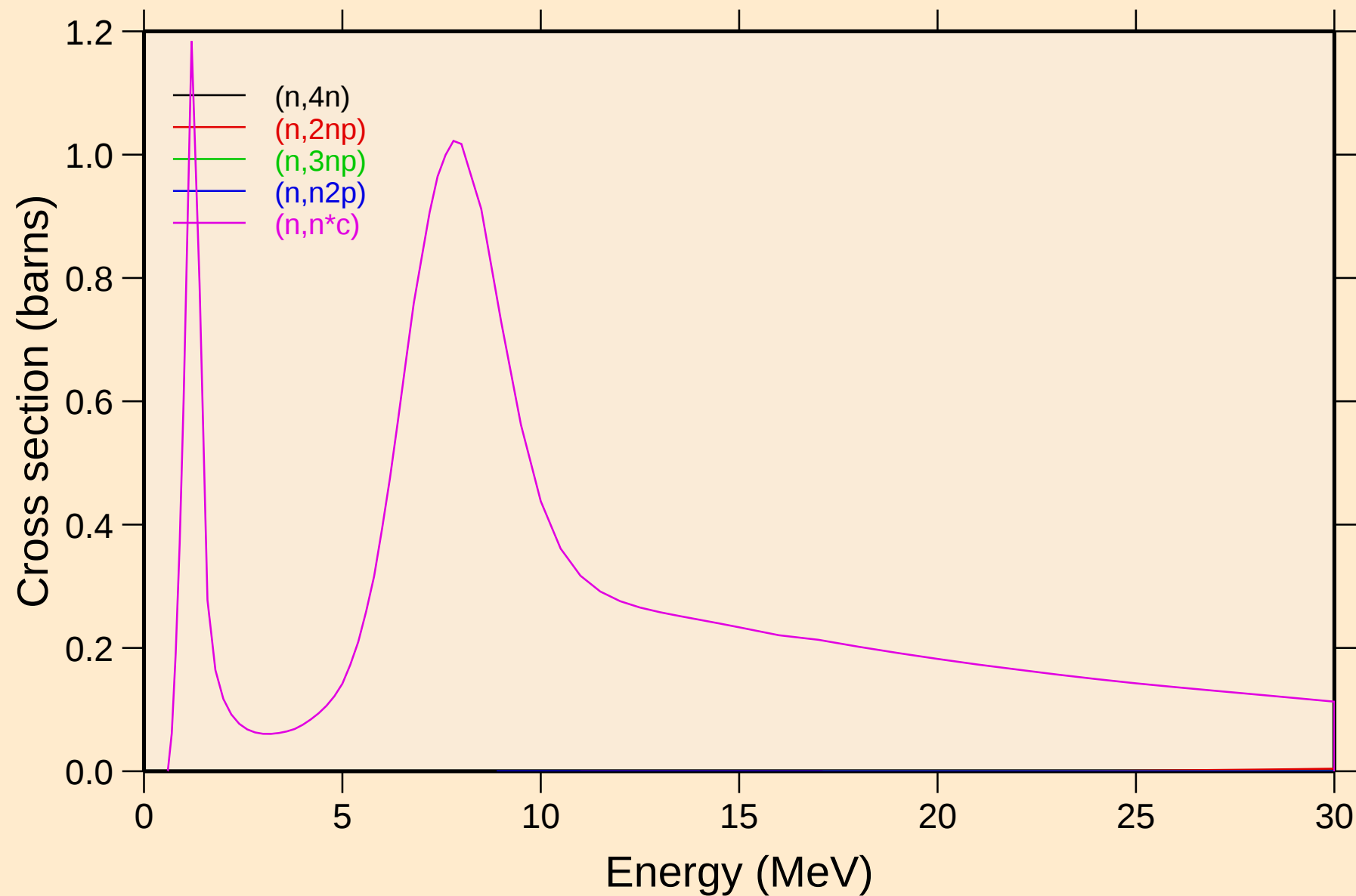
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



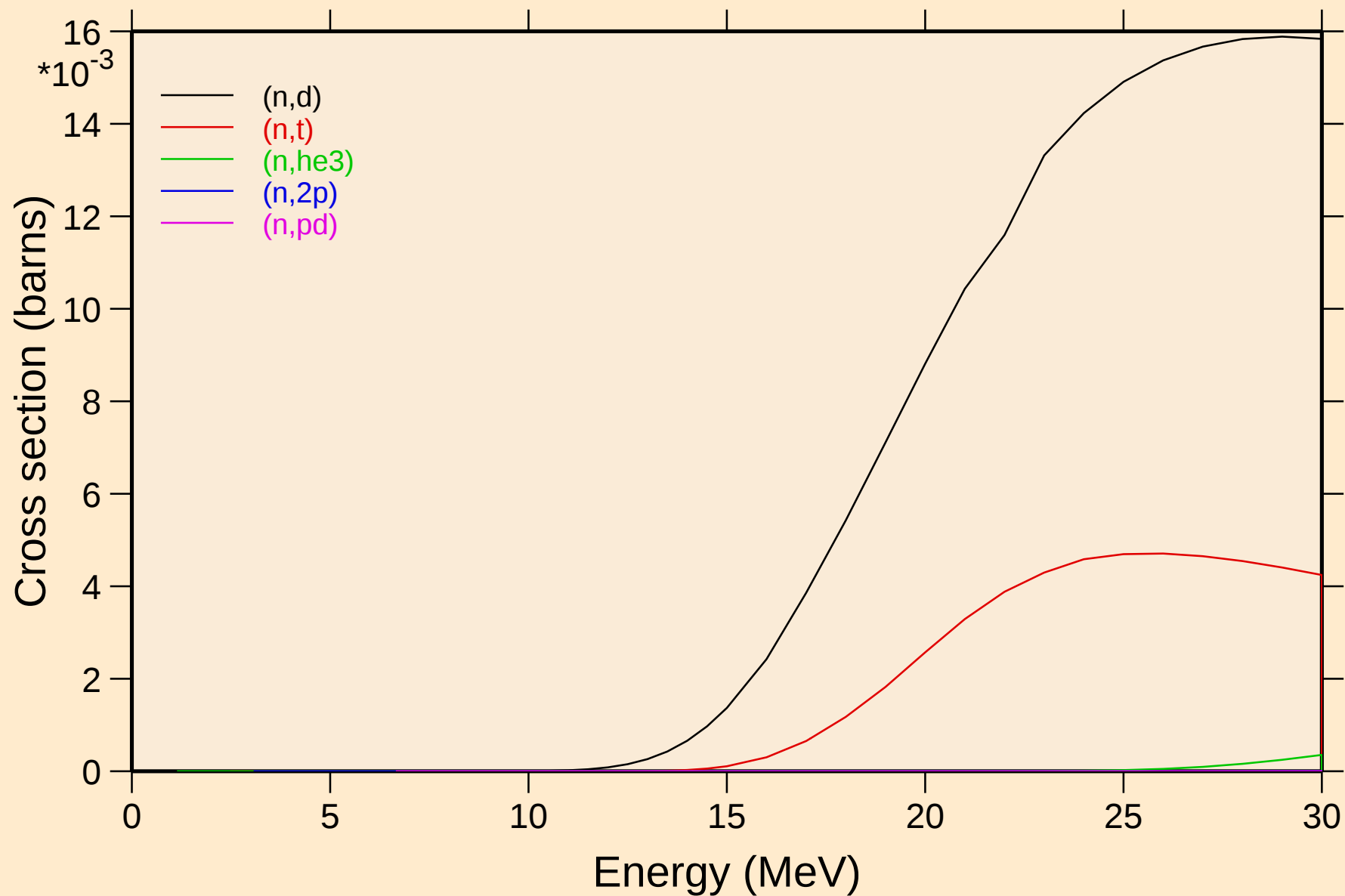
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



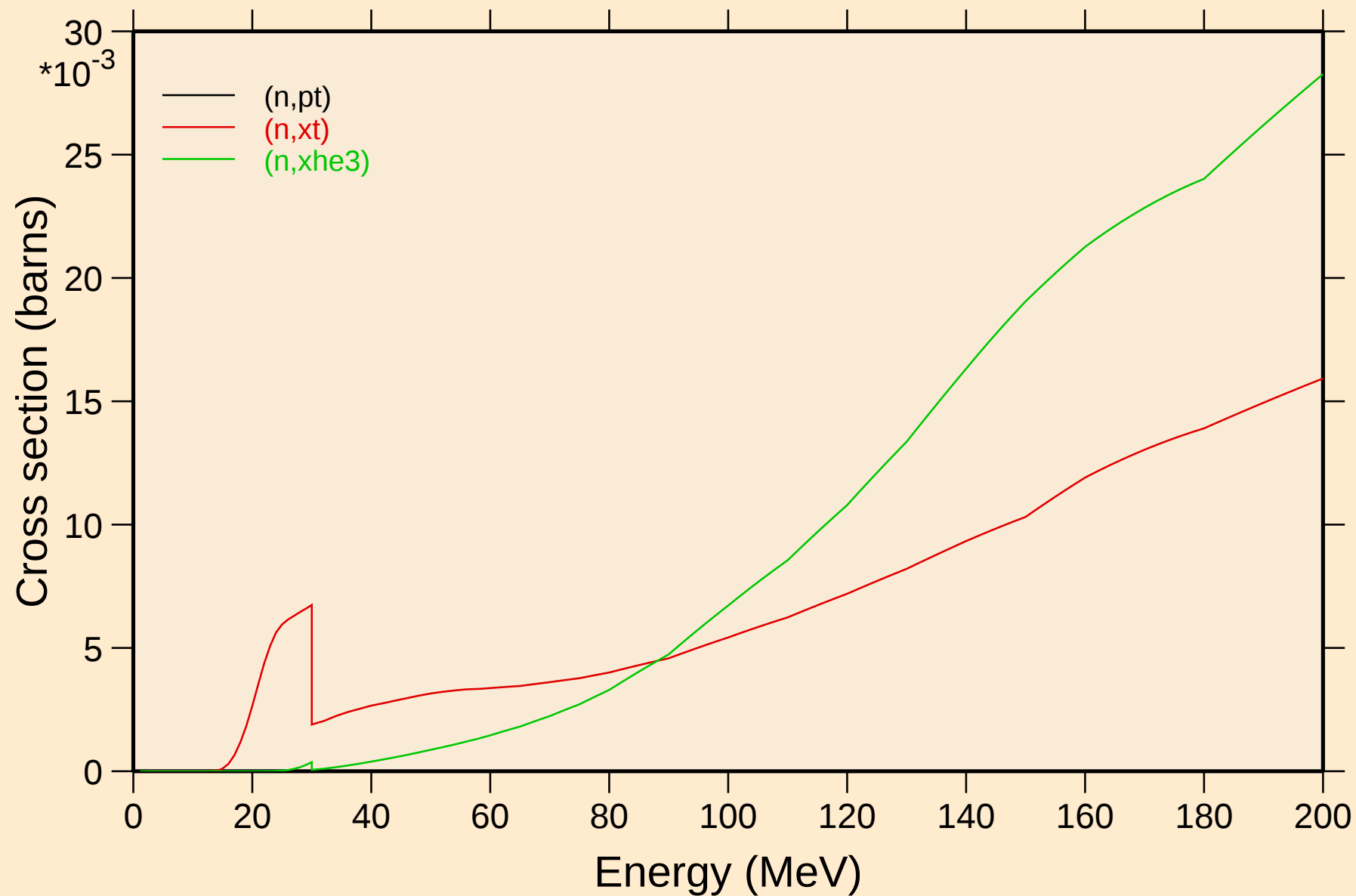
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

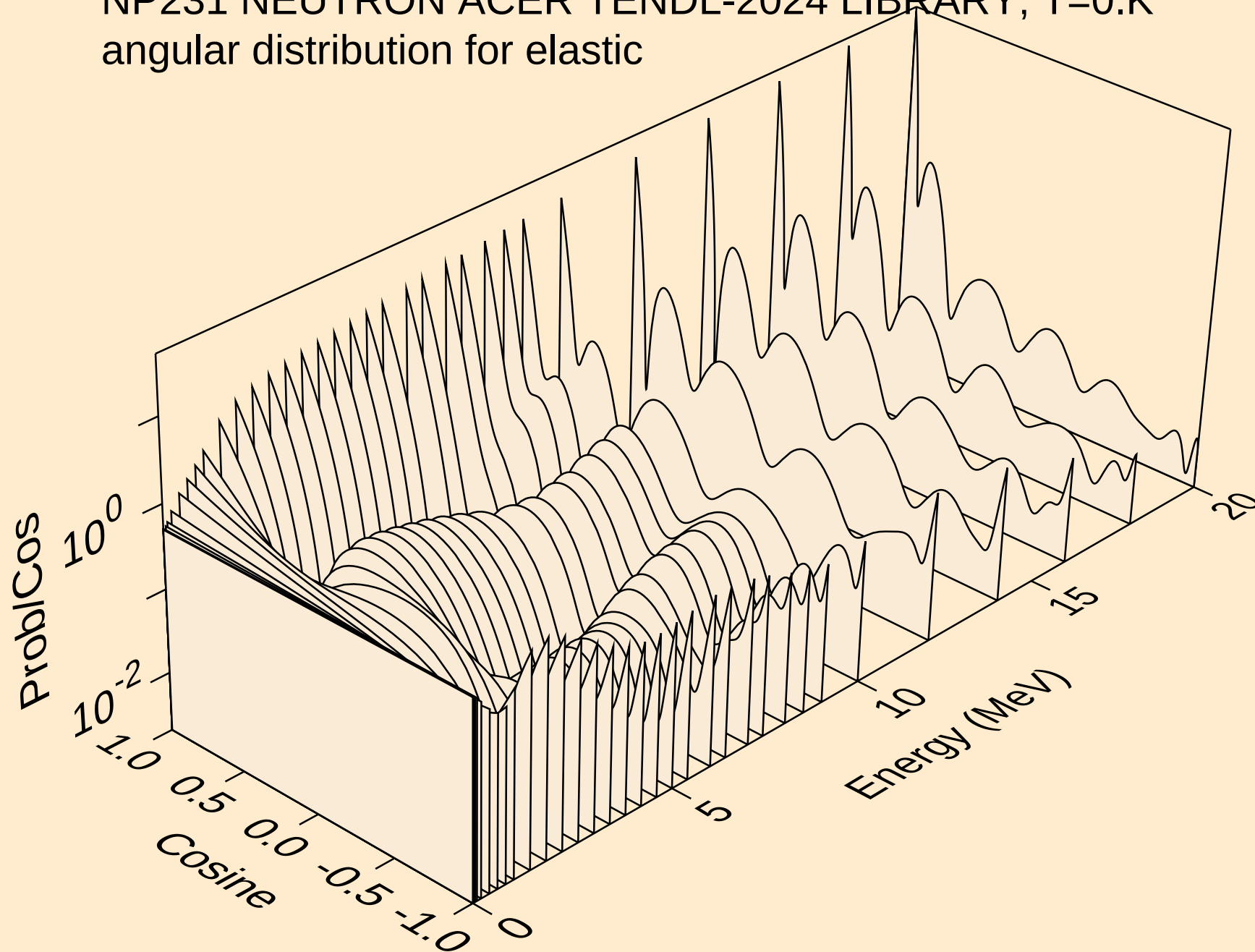


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

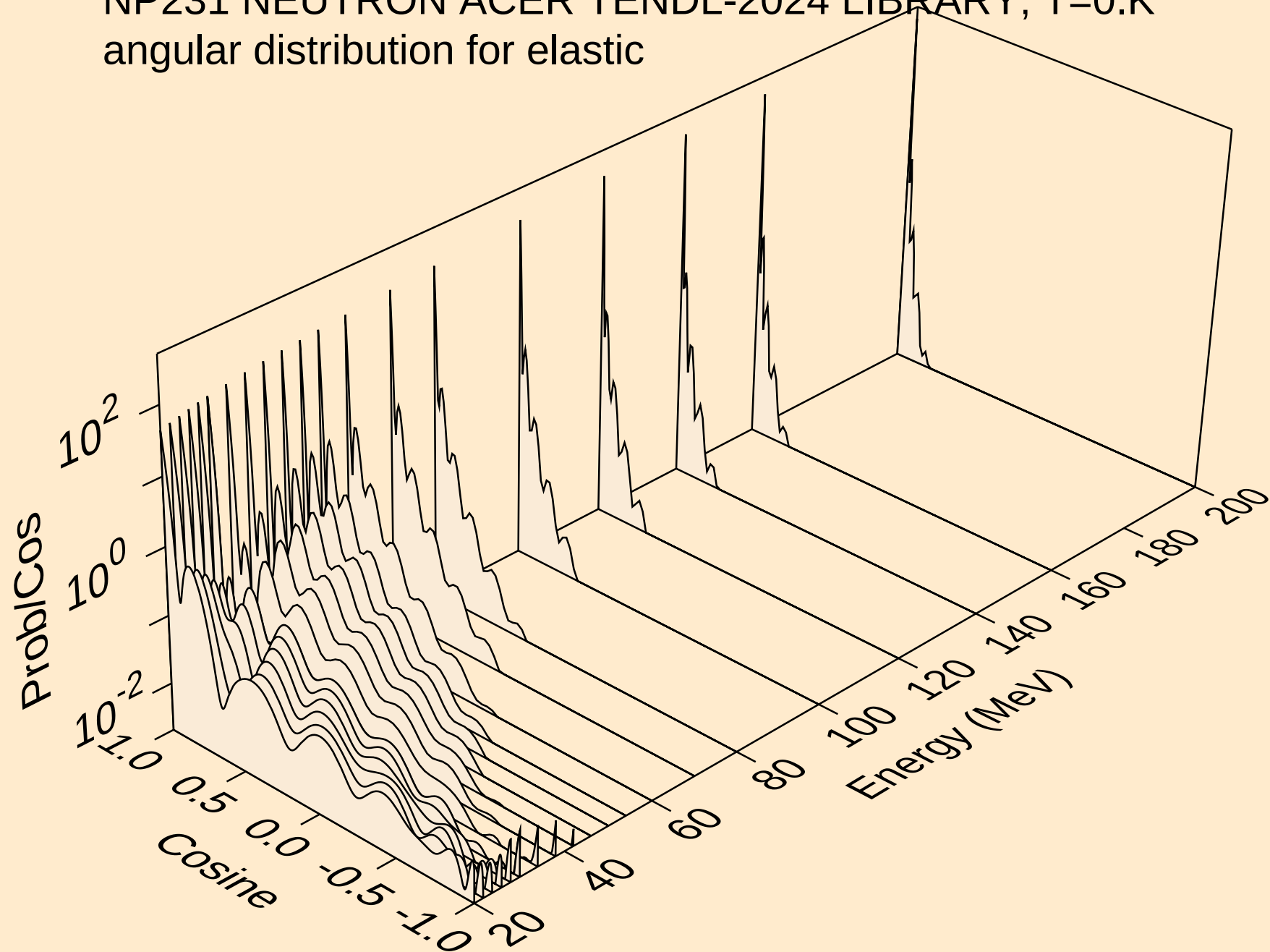
Threshold reactions



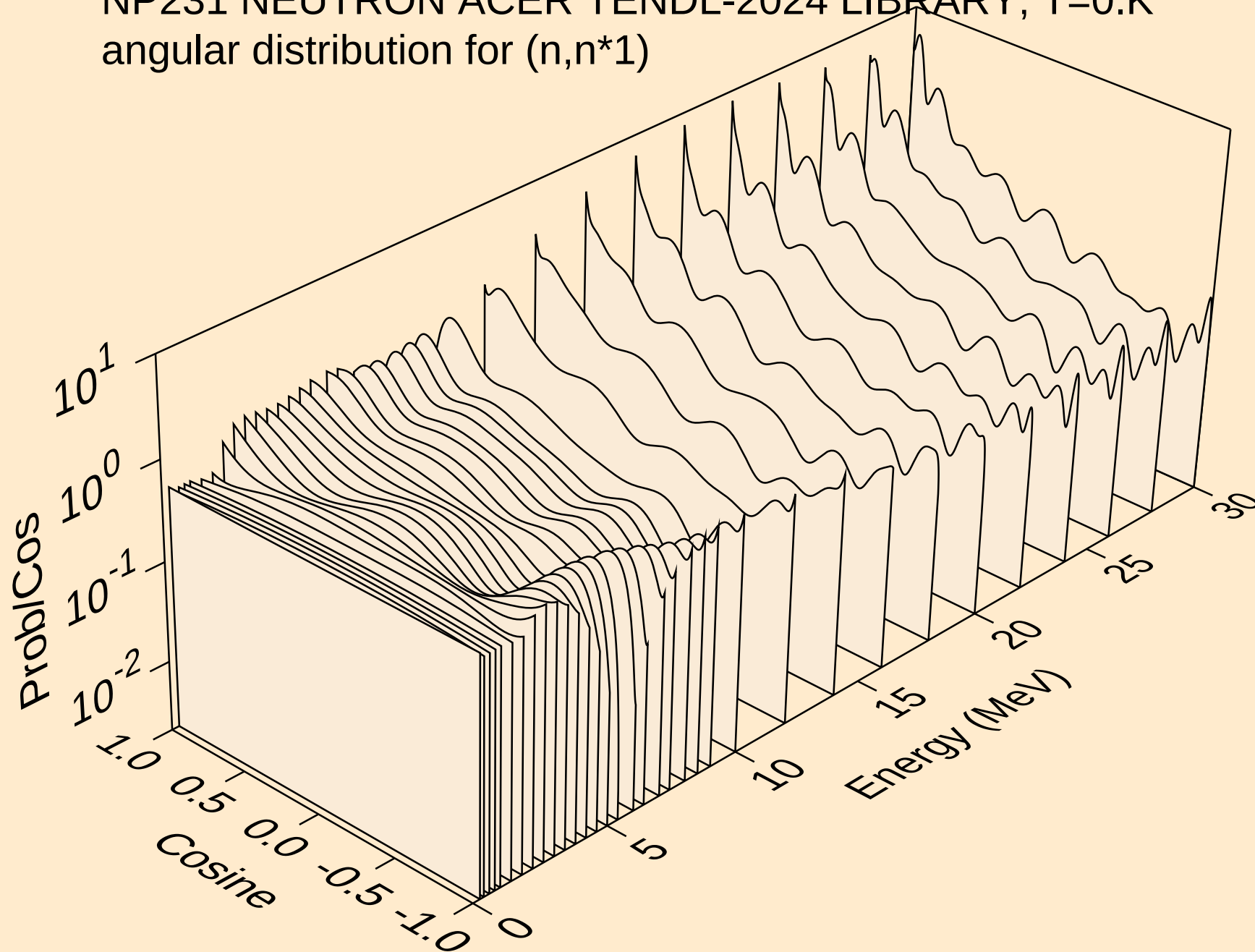
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



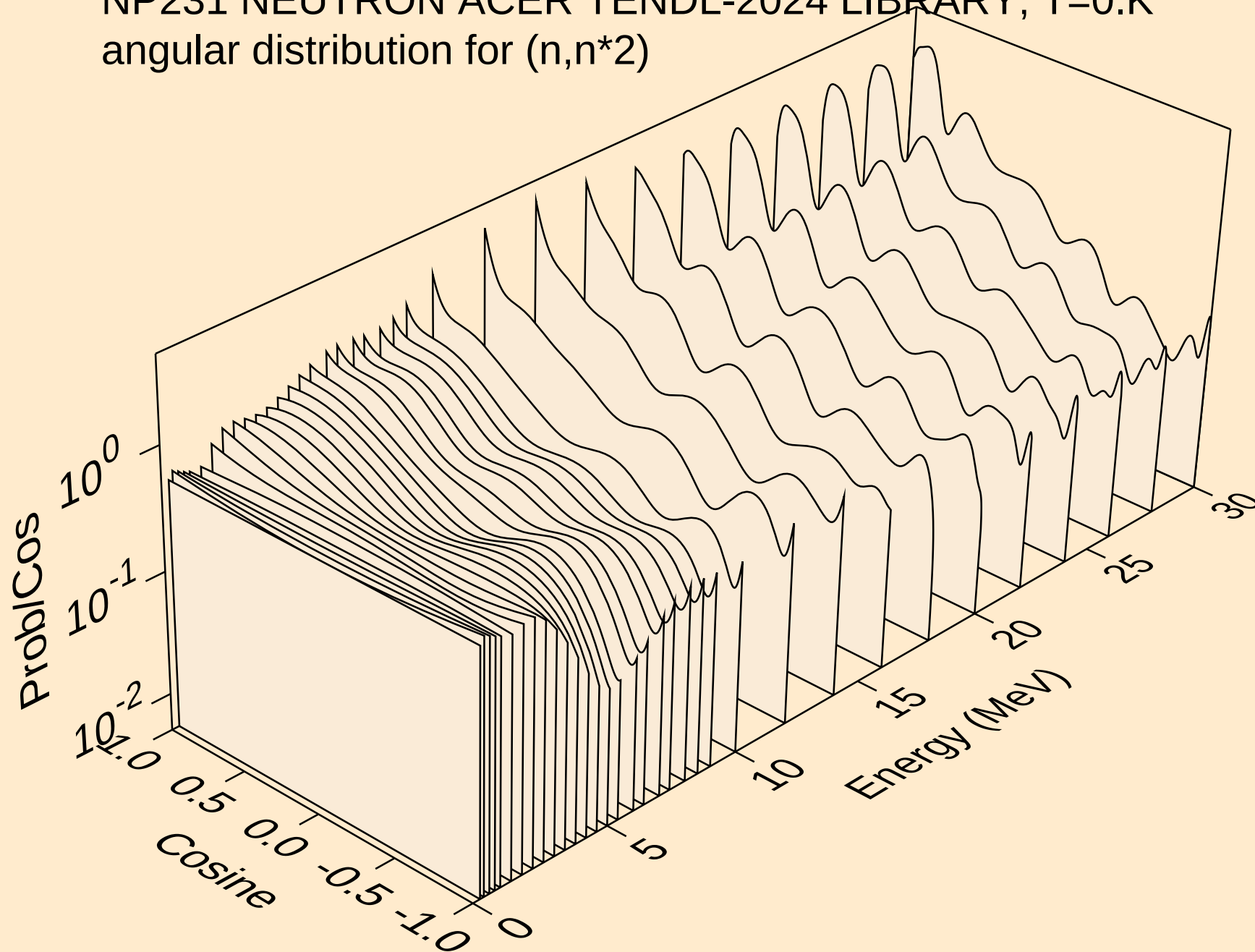
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



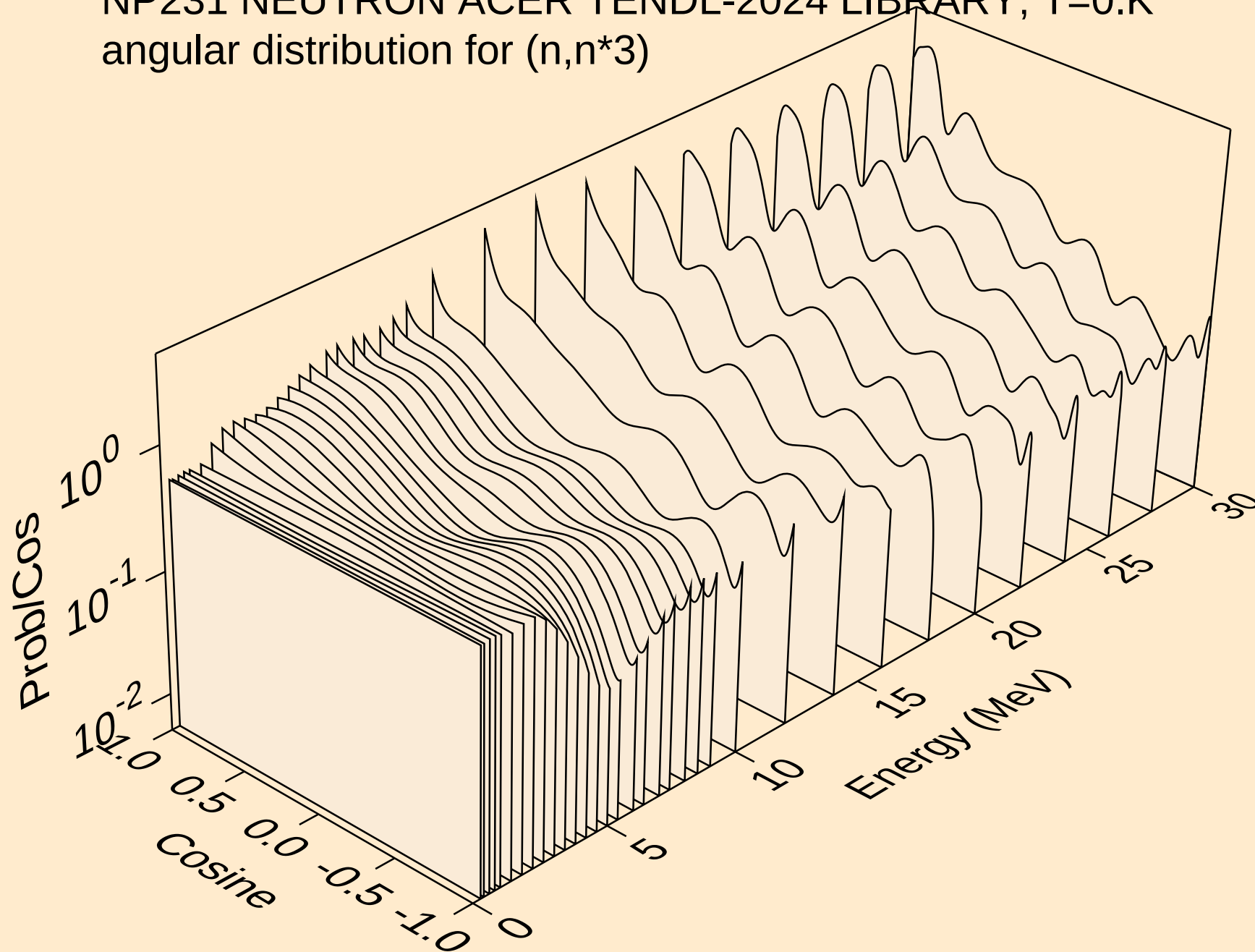
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



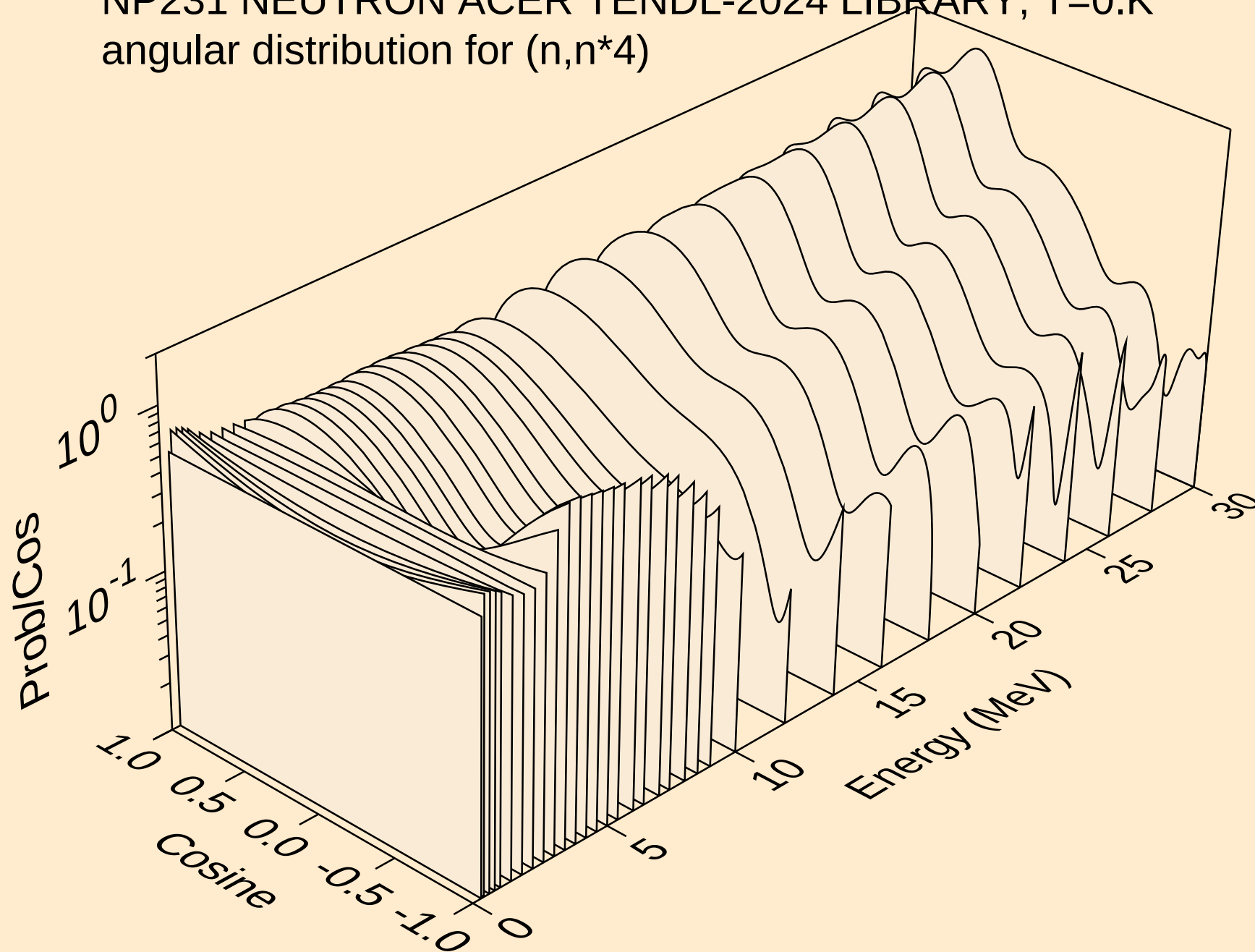
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



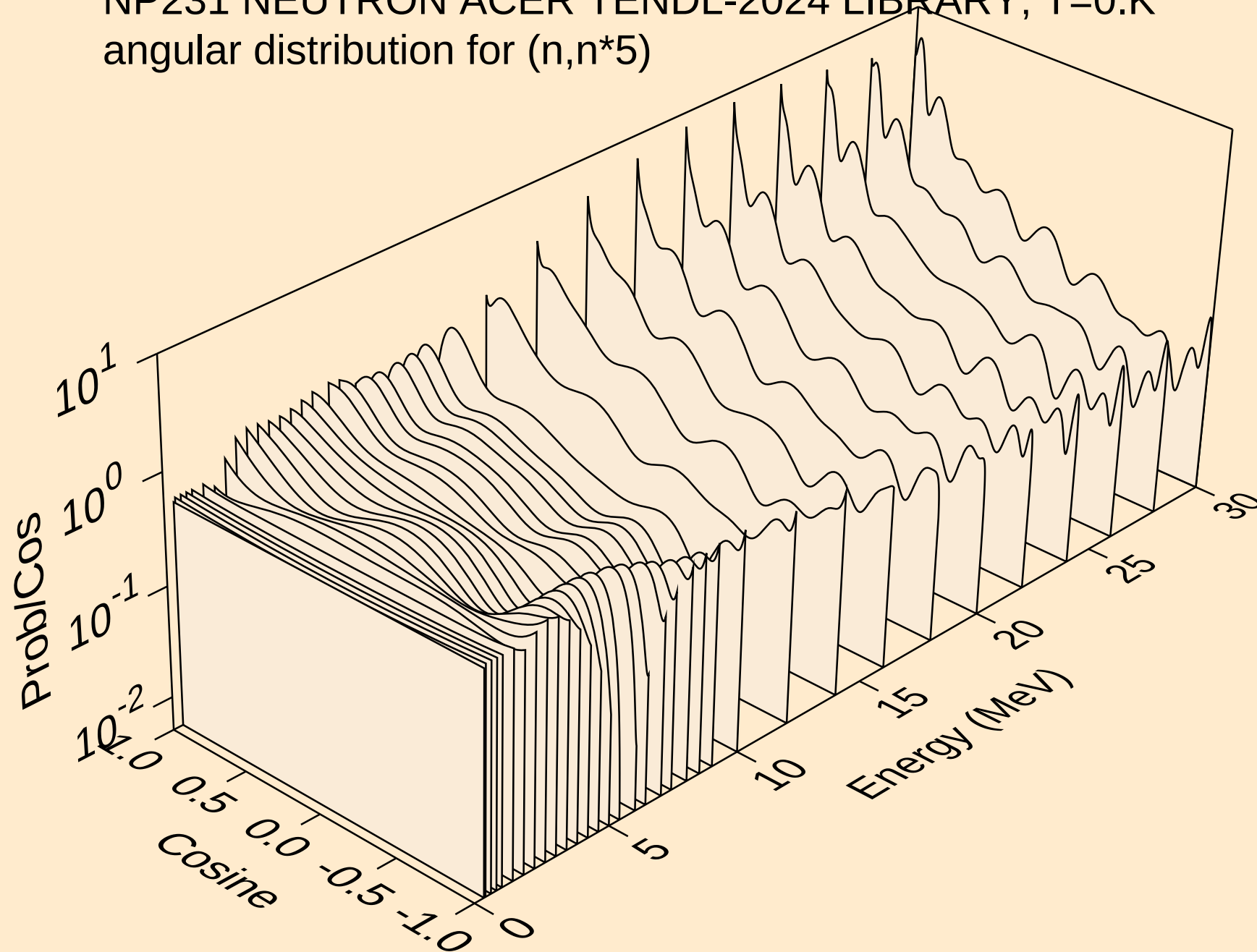
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



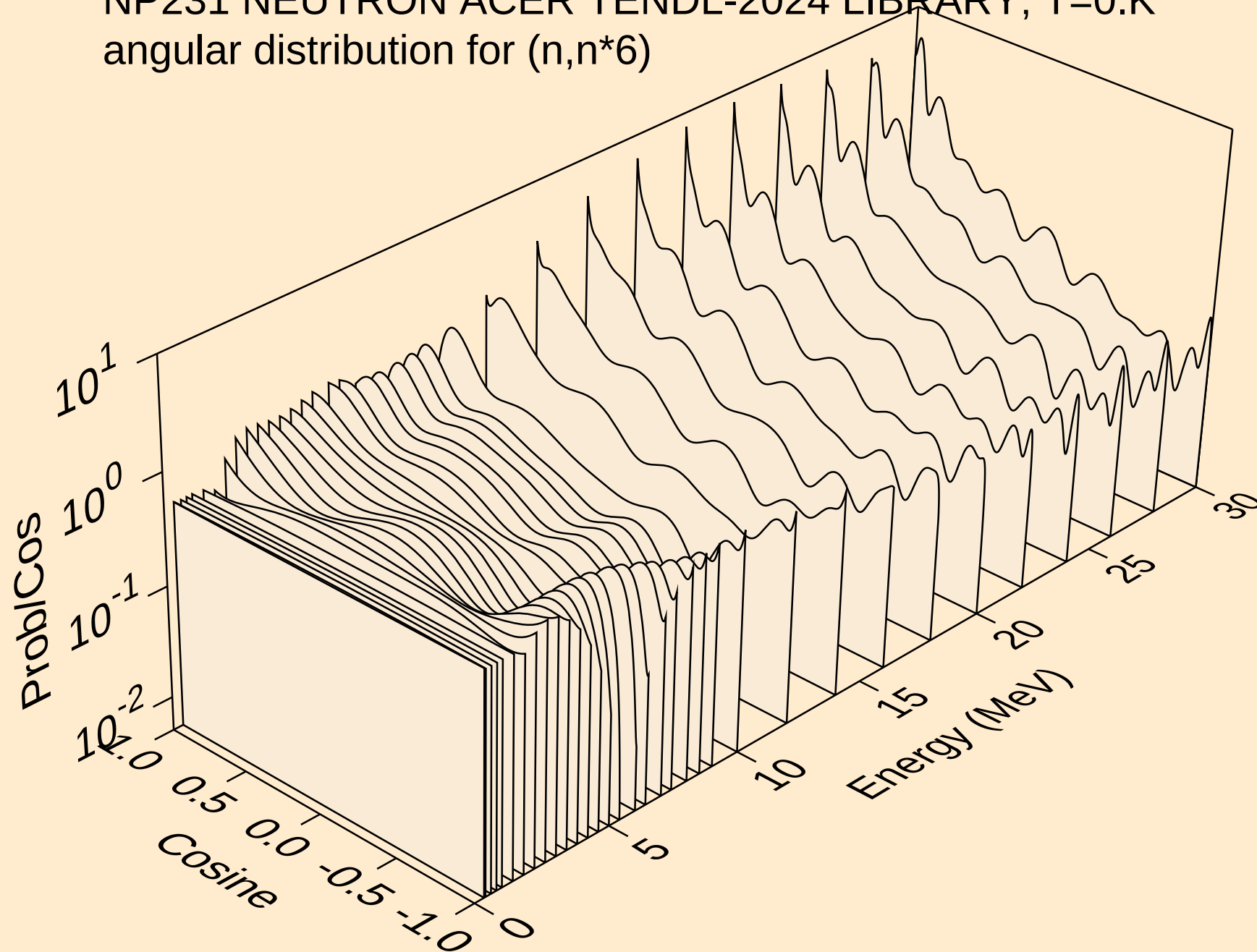
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



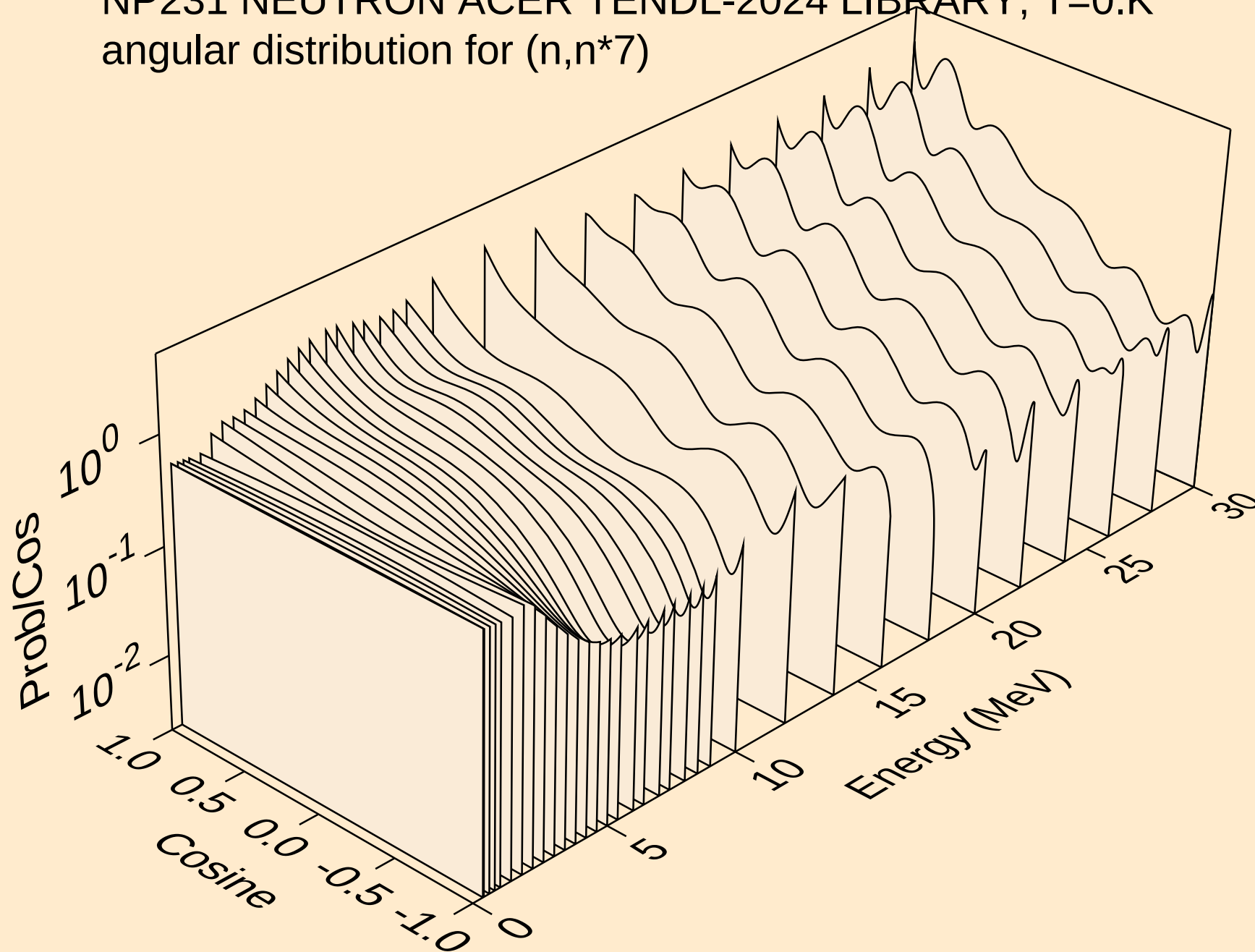
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



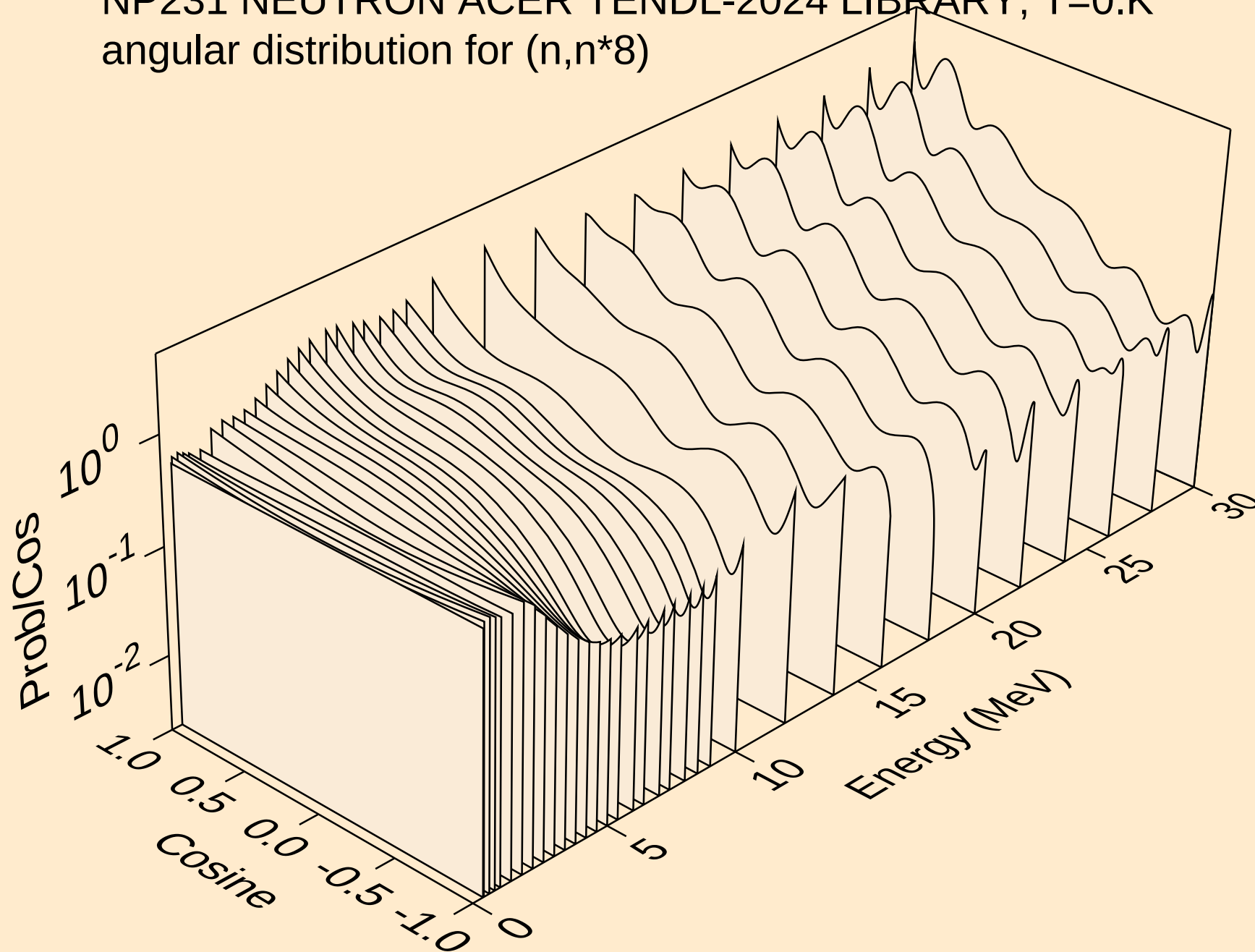
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



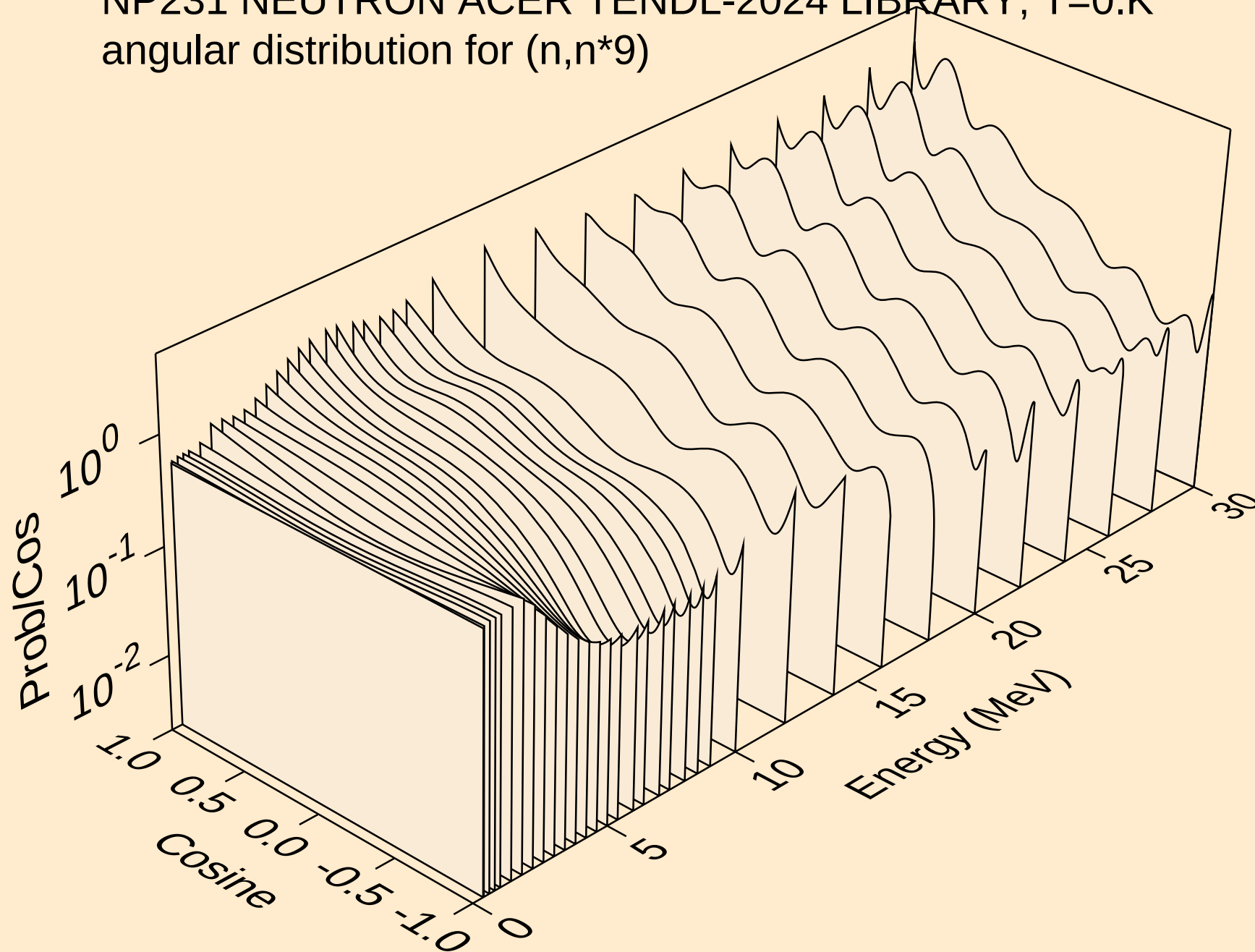
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



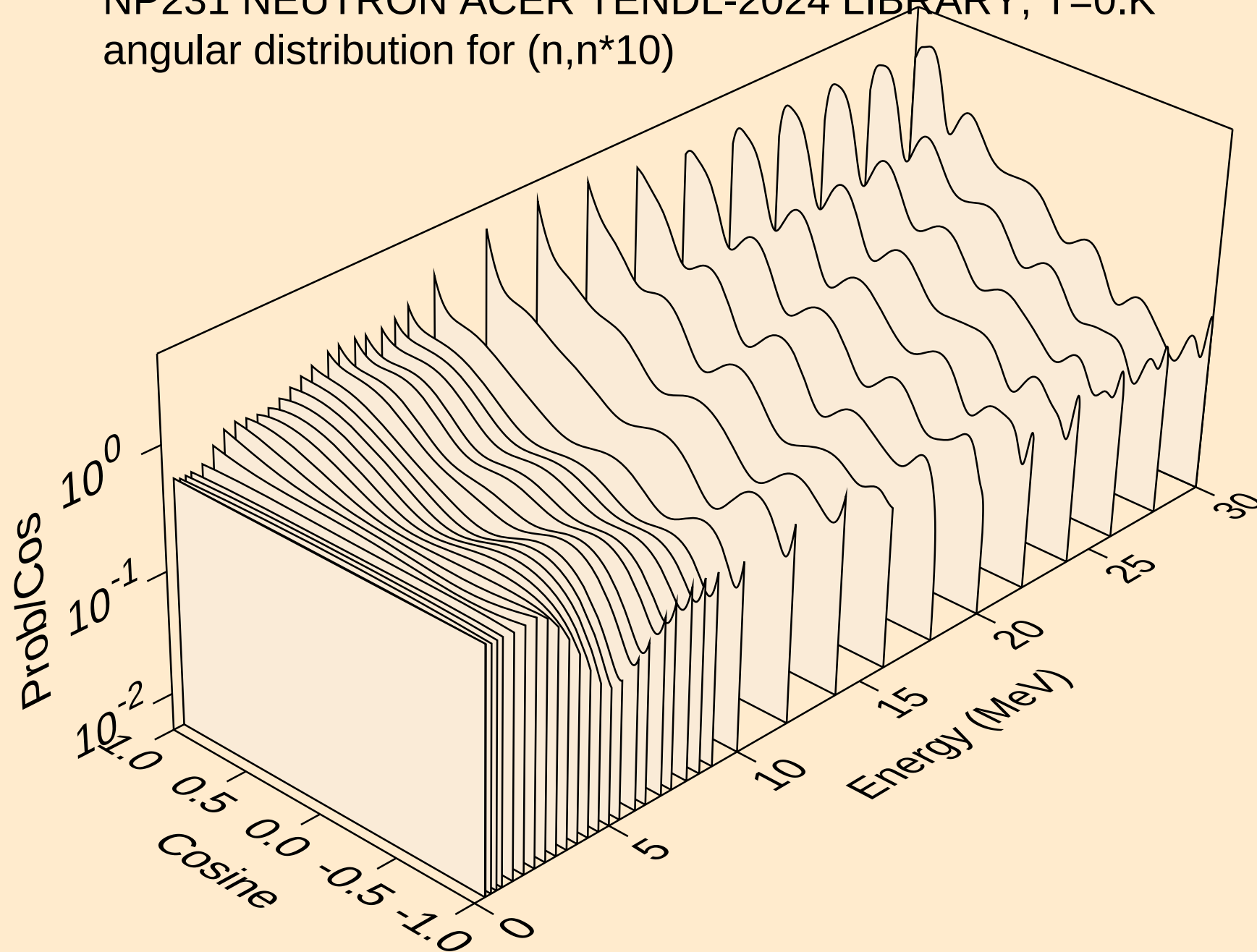
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



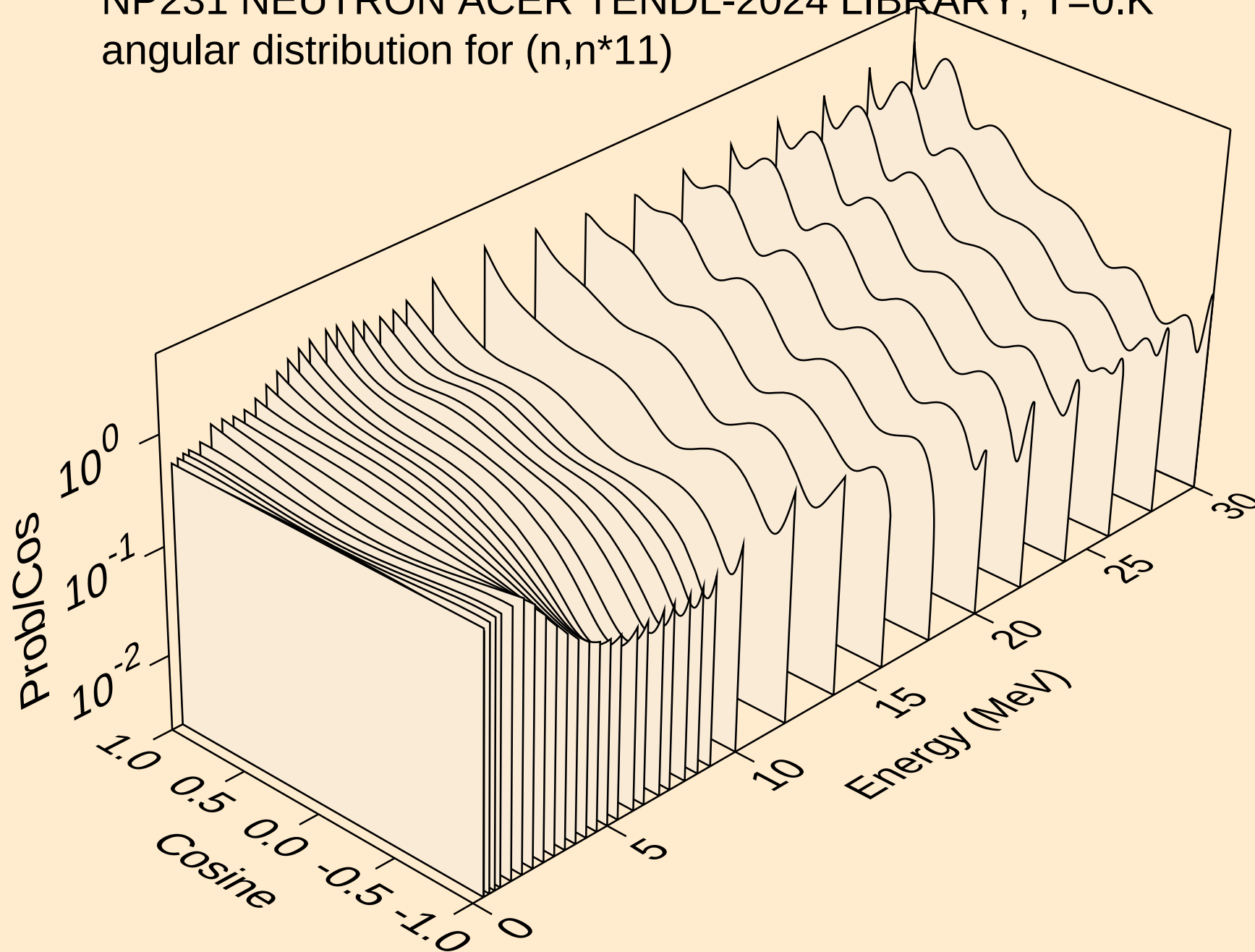
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



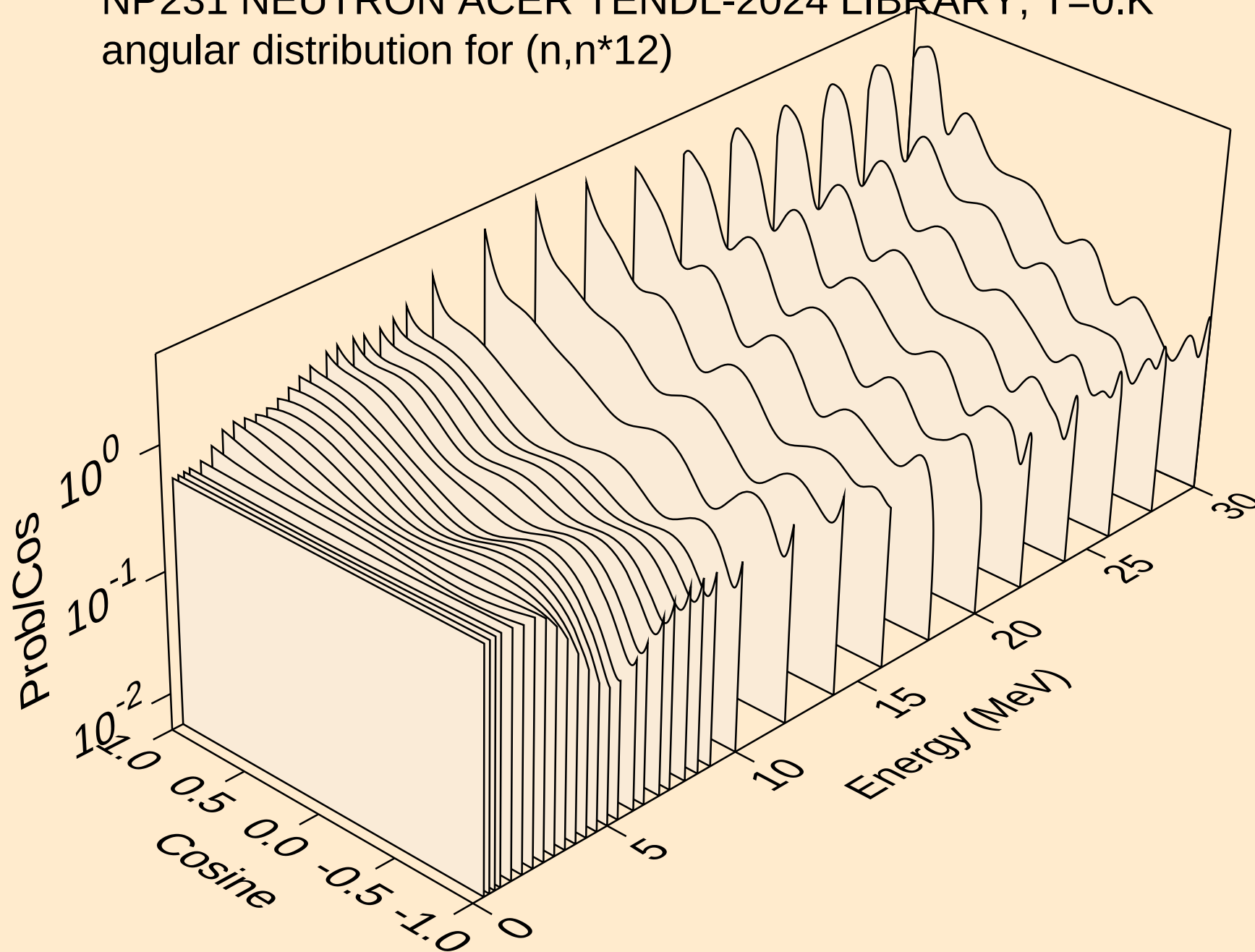
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



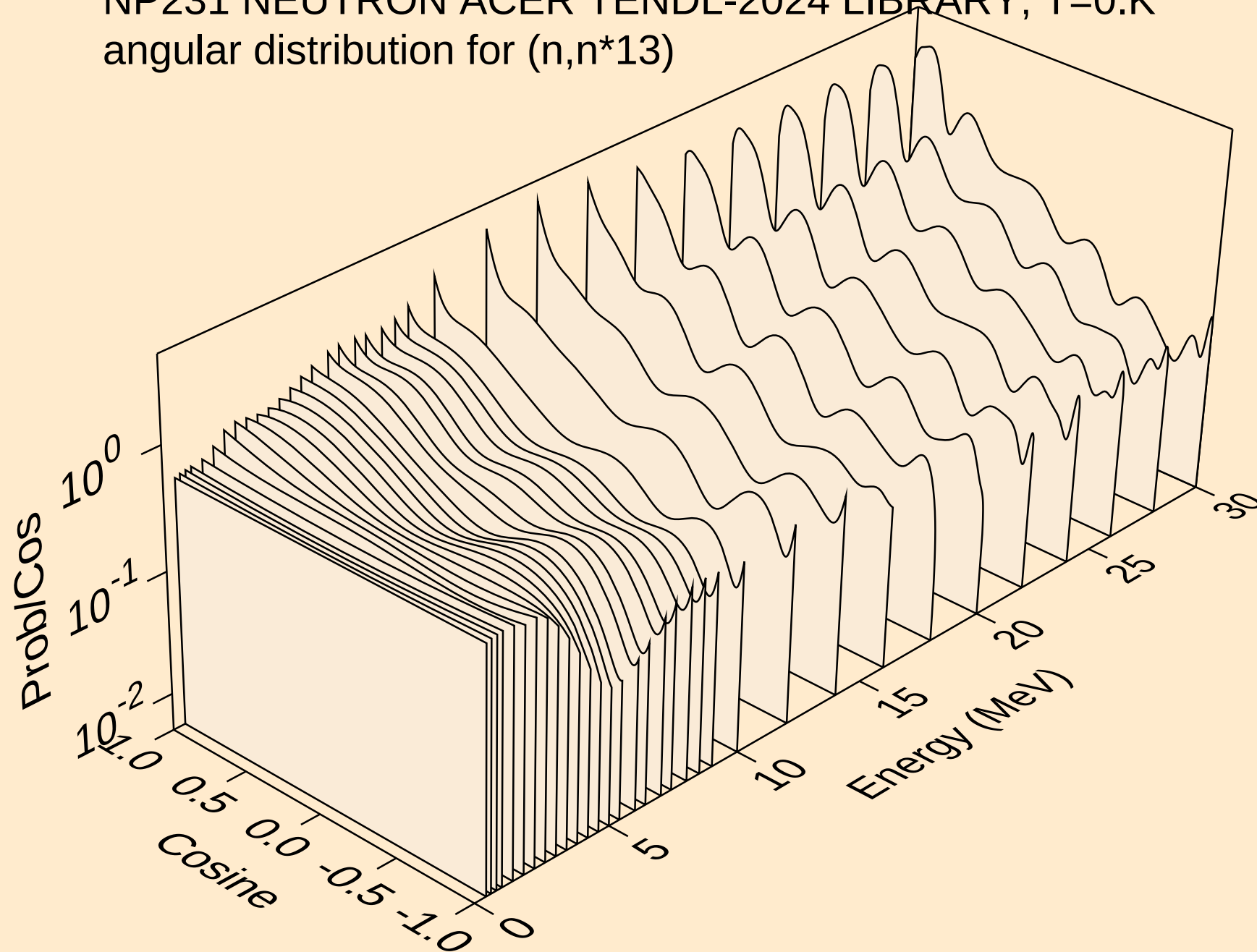
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



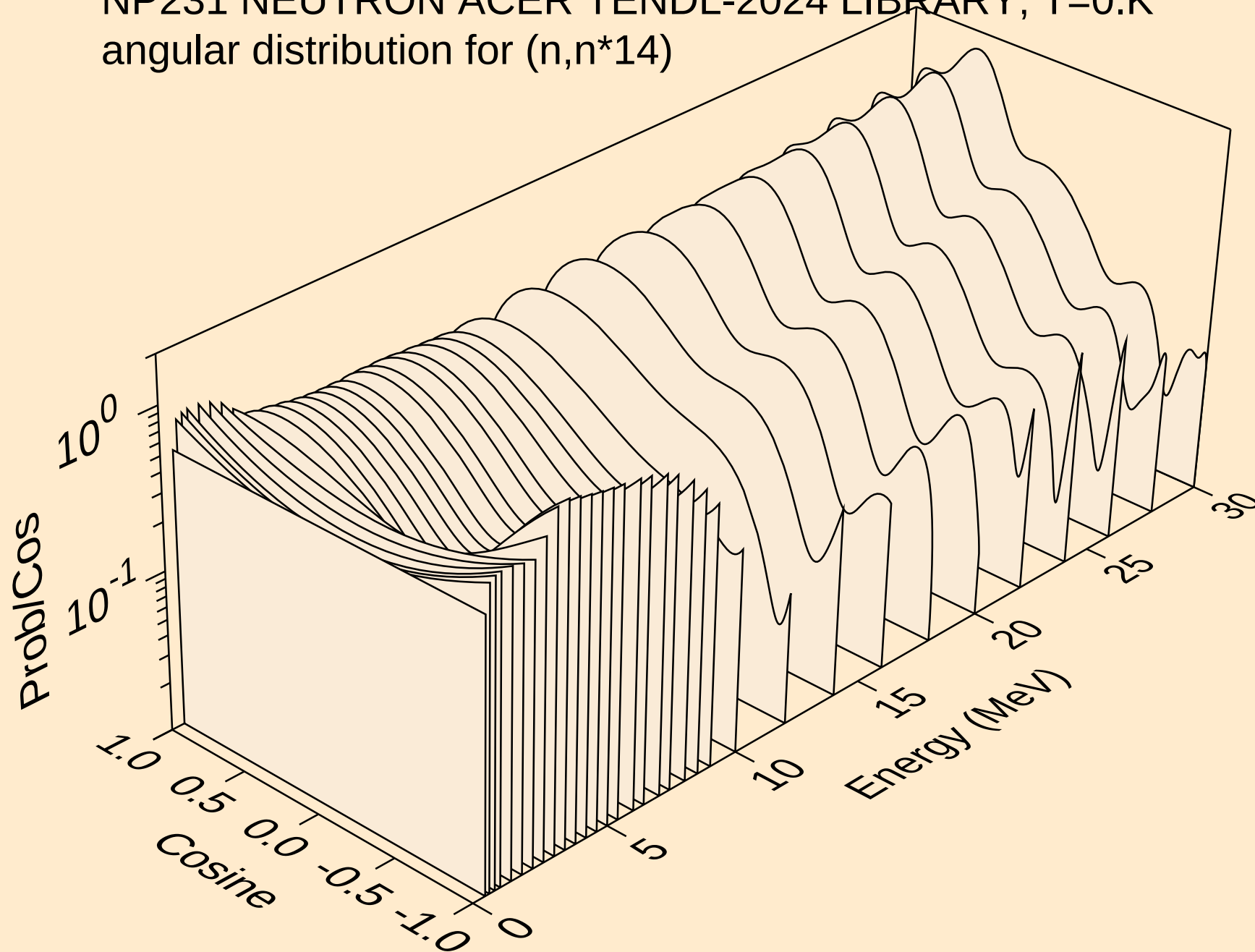
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



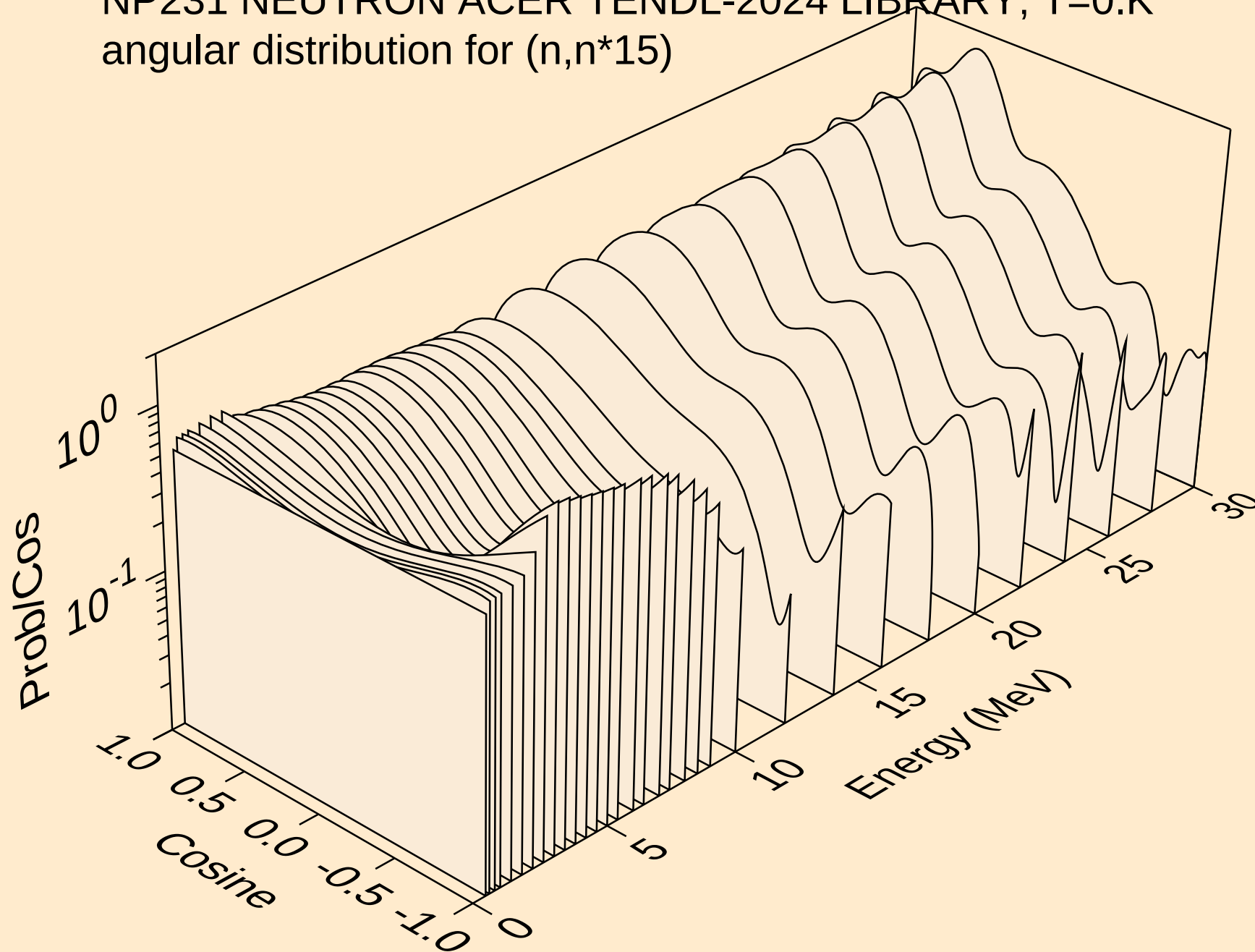
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



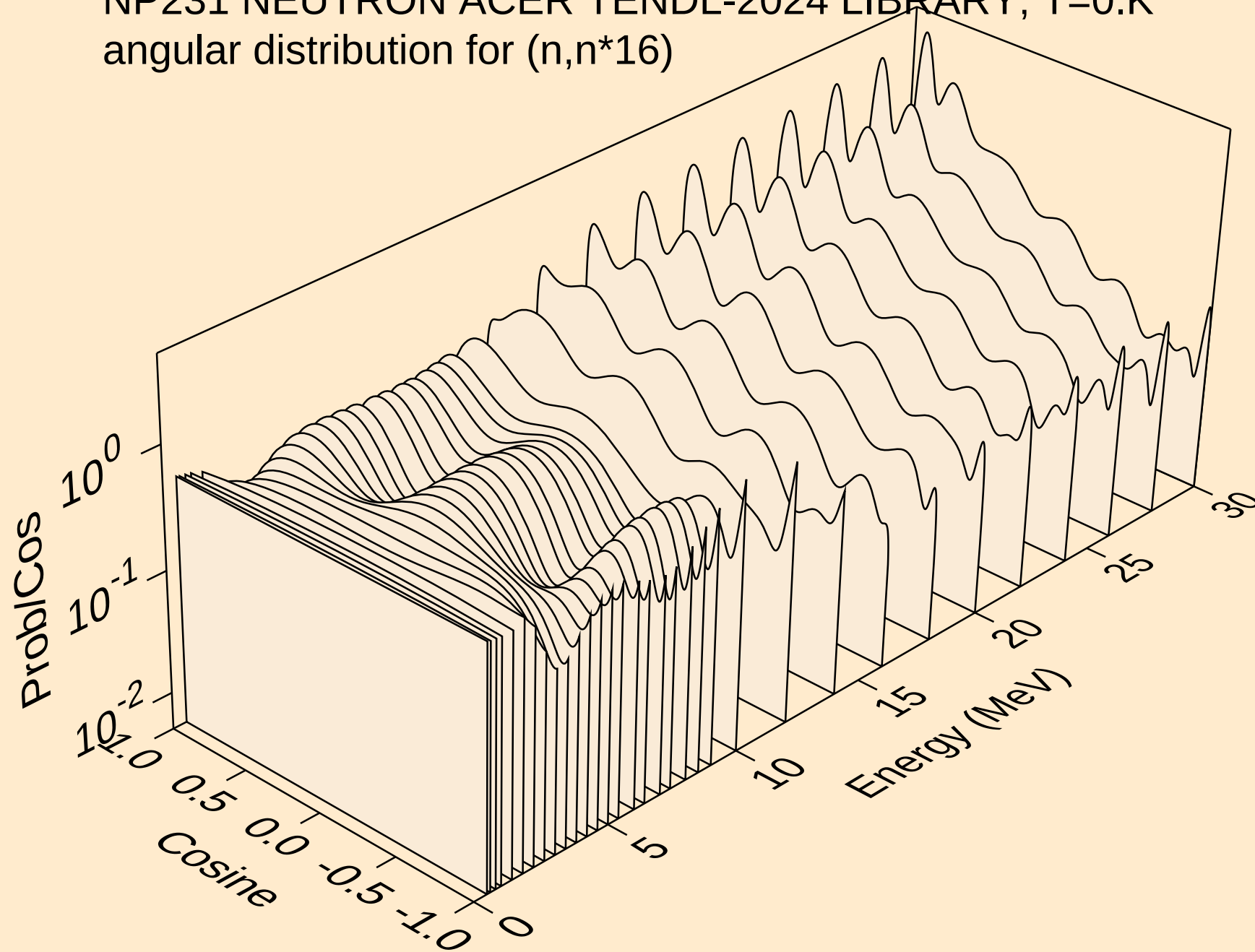
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



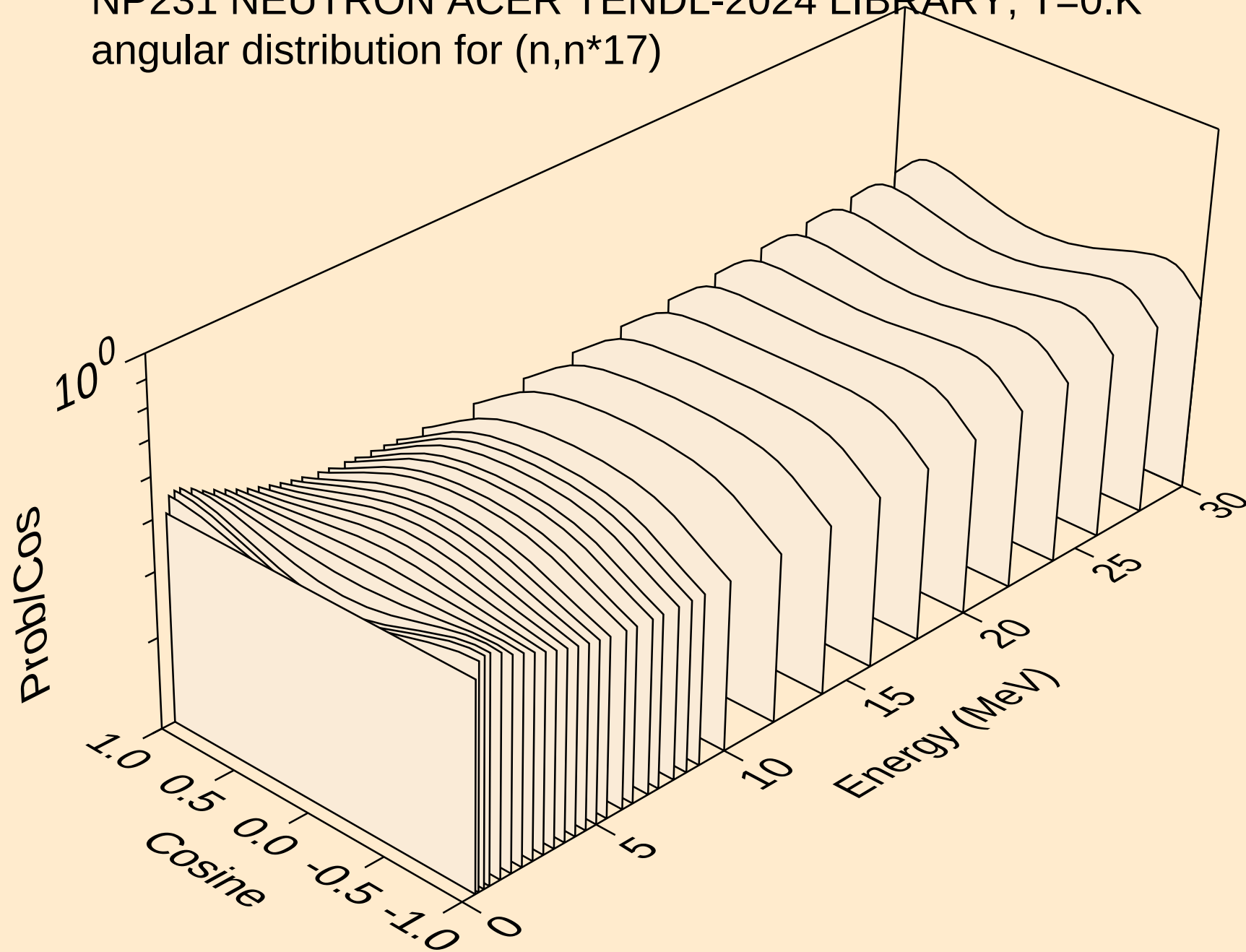
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



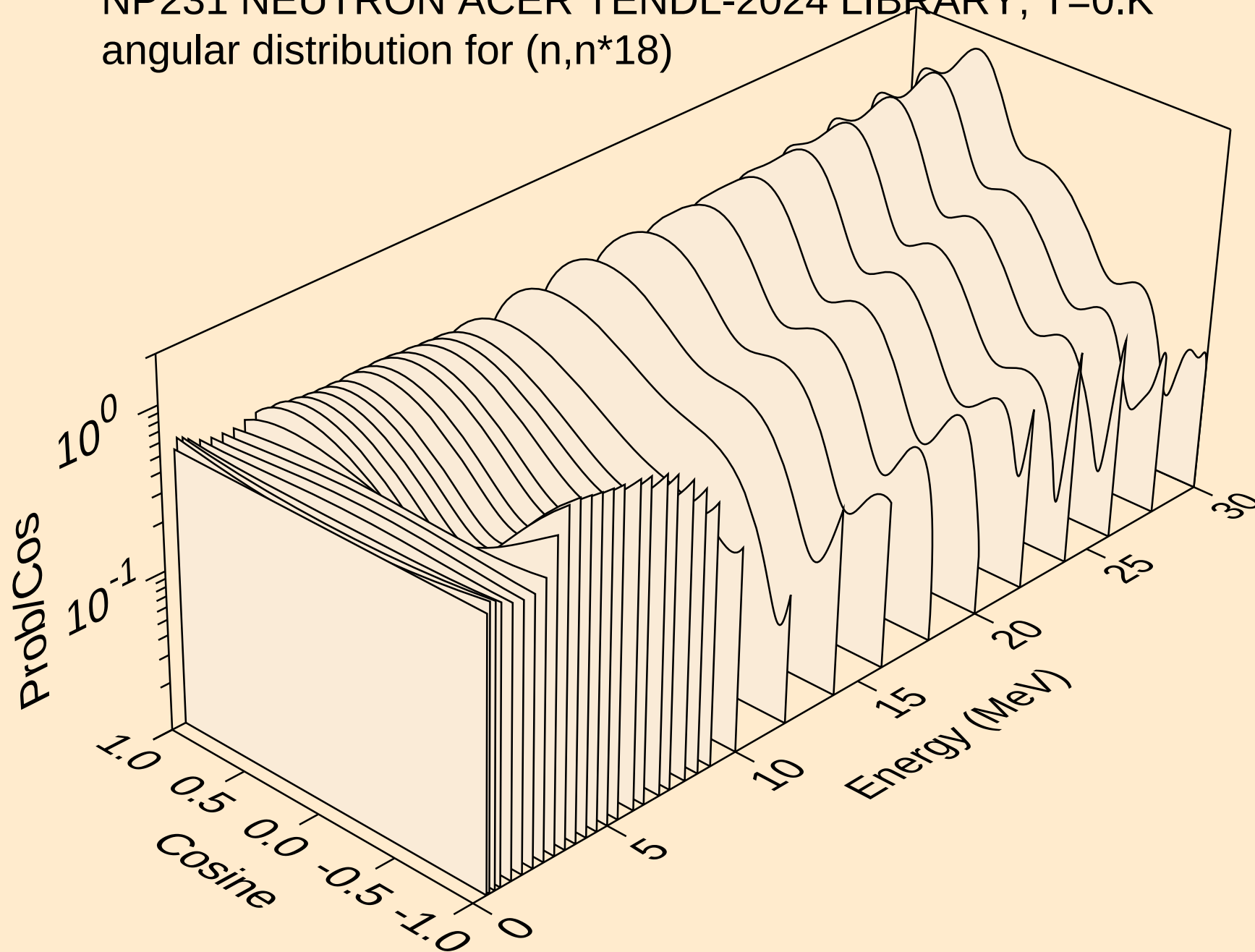
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



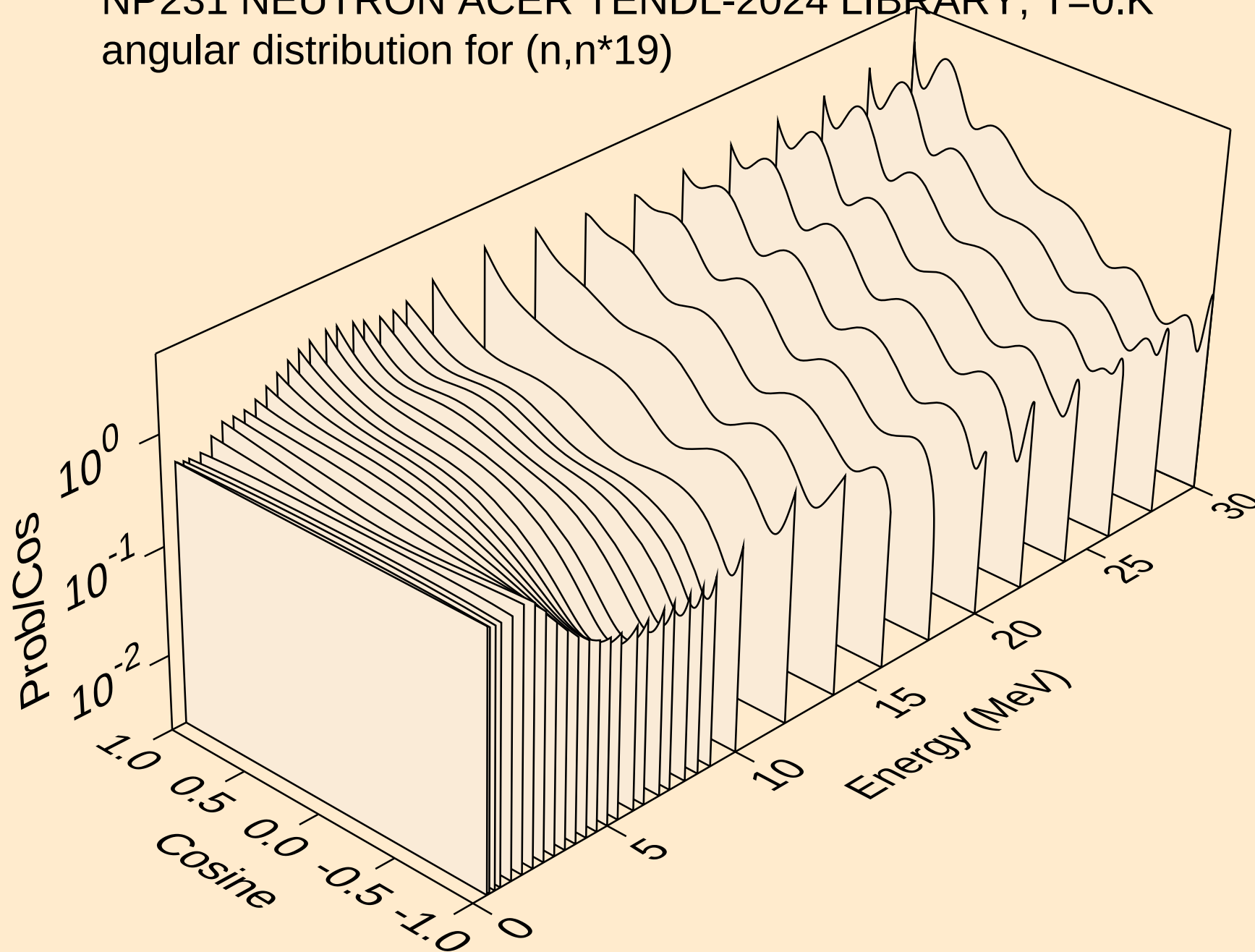
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



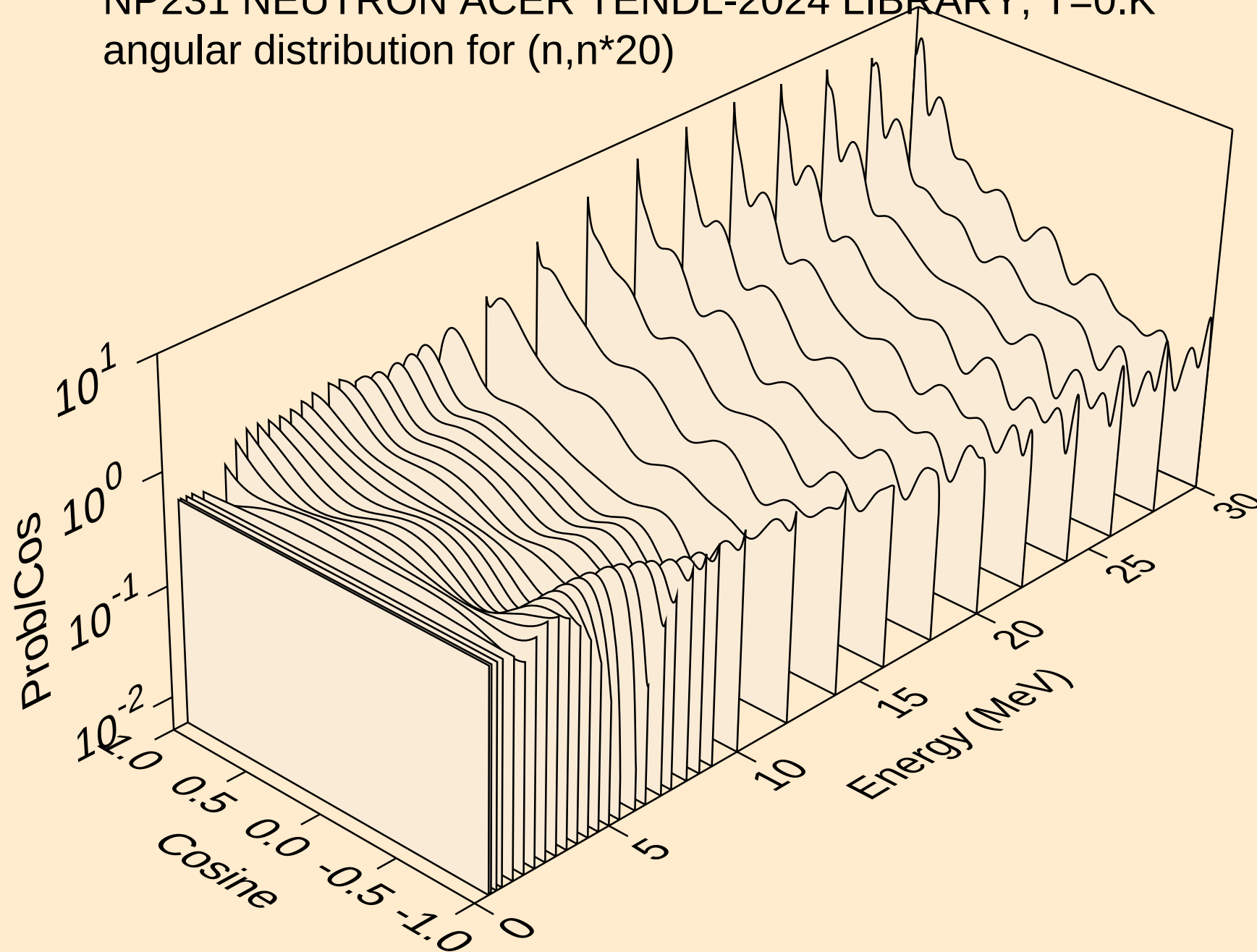
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



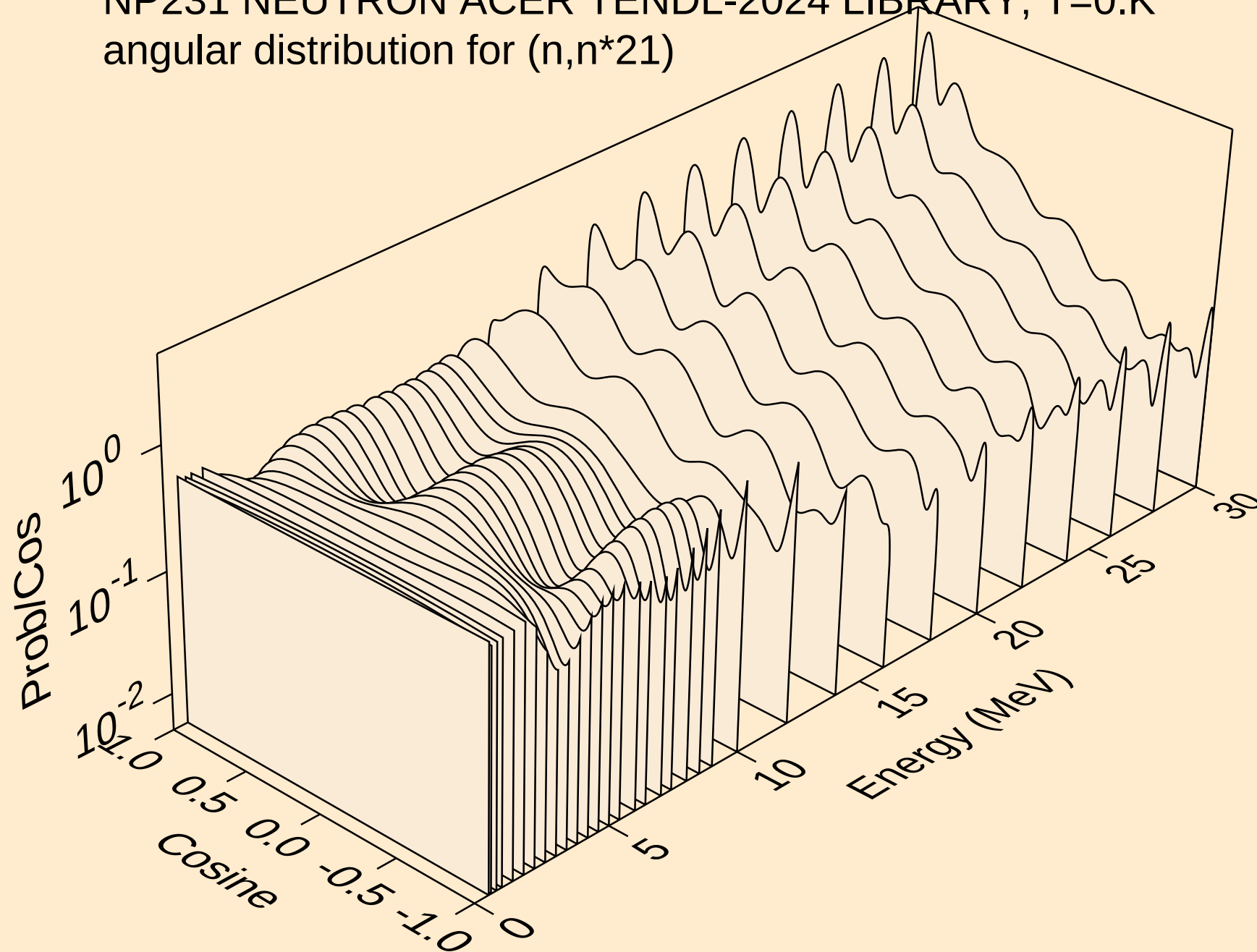
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



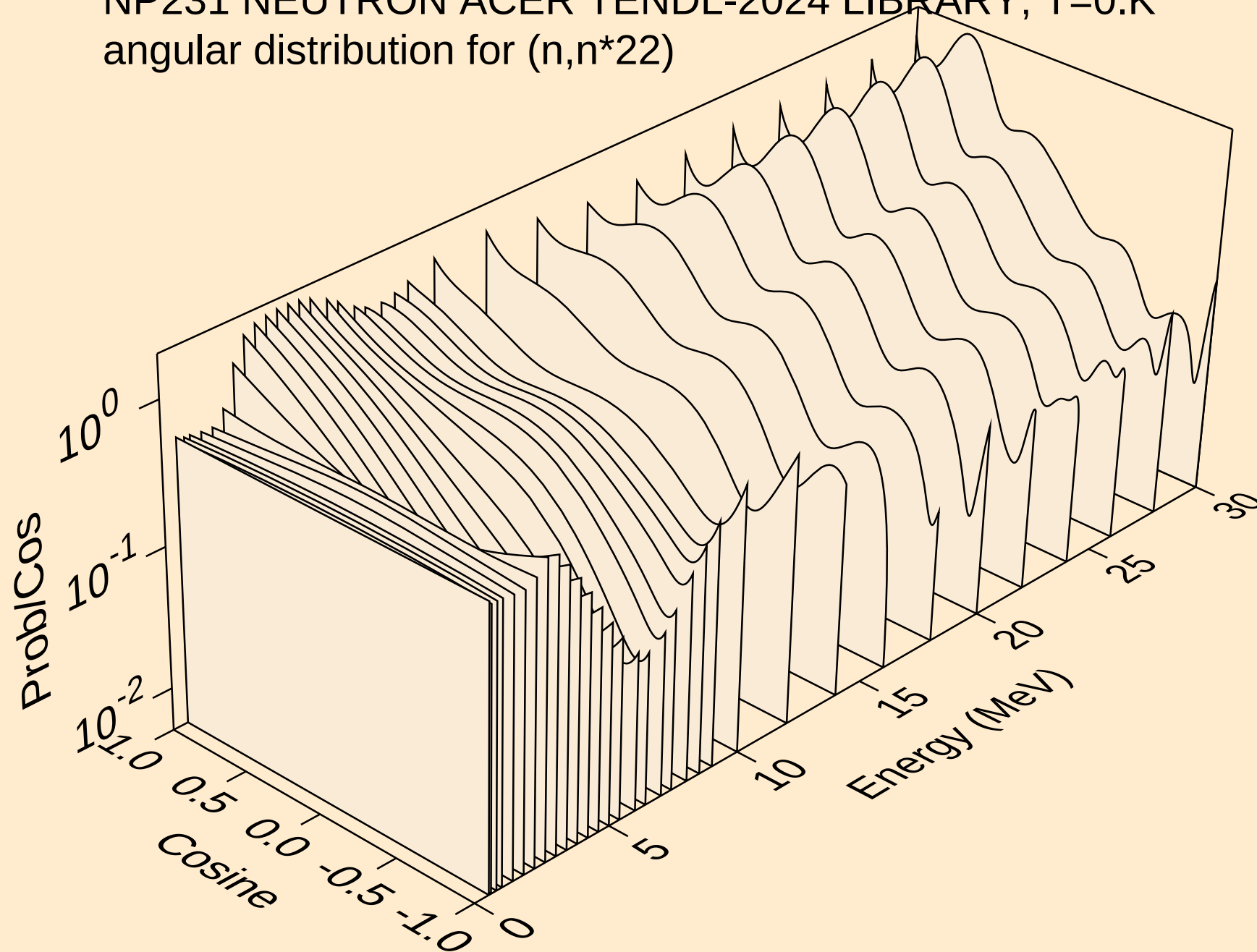
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



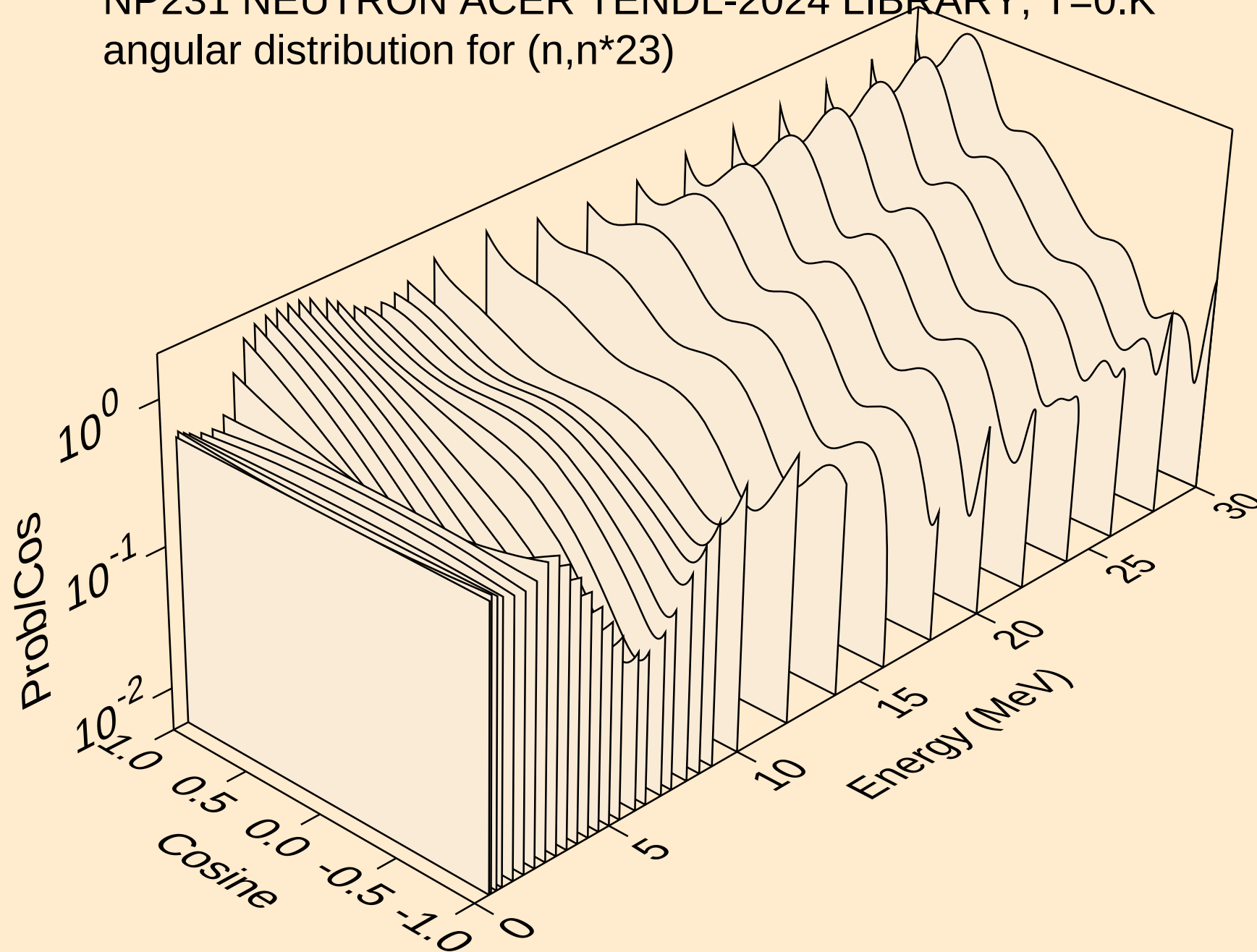
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angular distribution for (n,n*21)



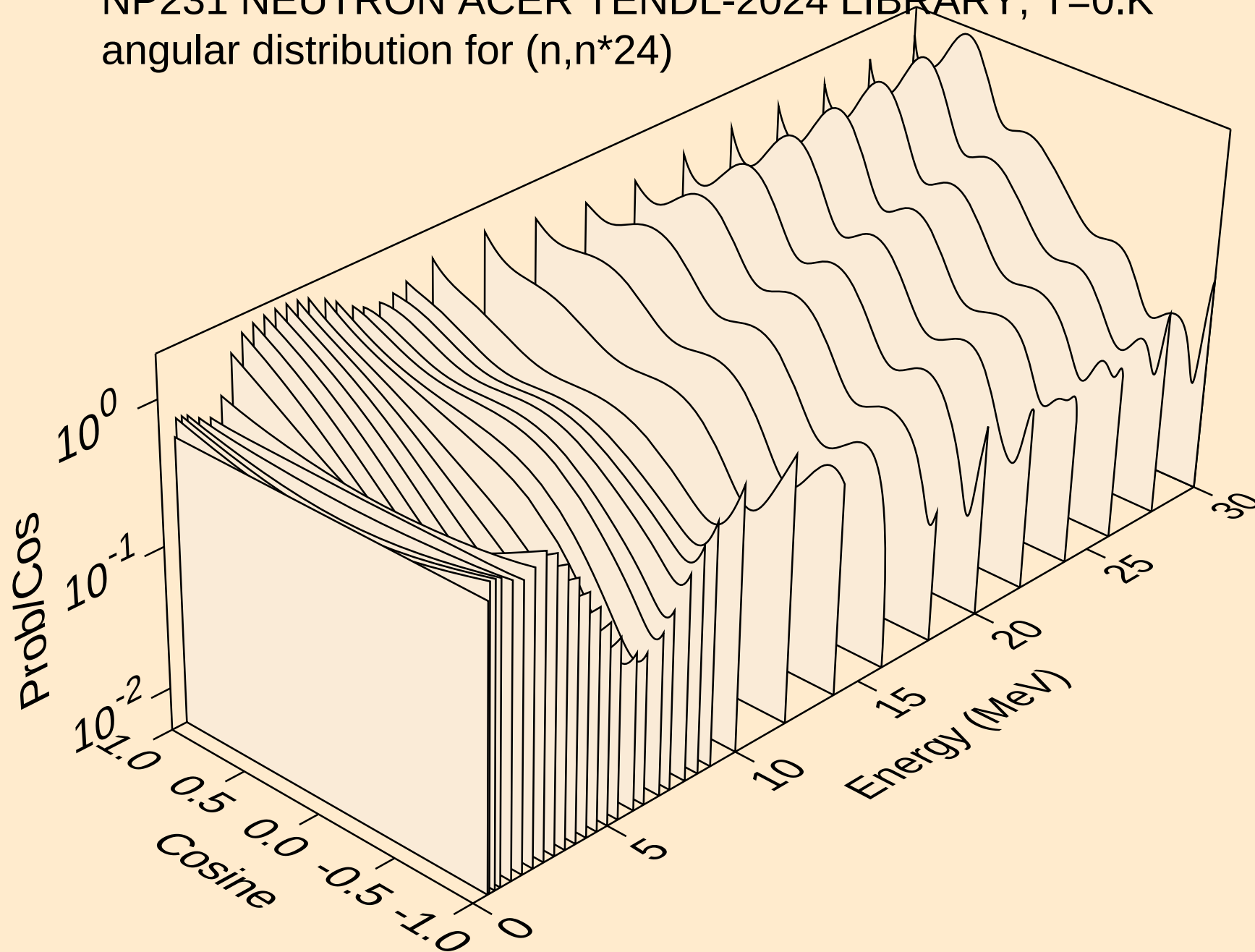
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)



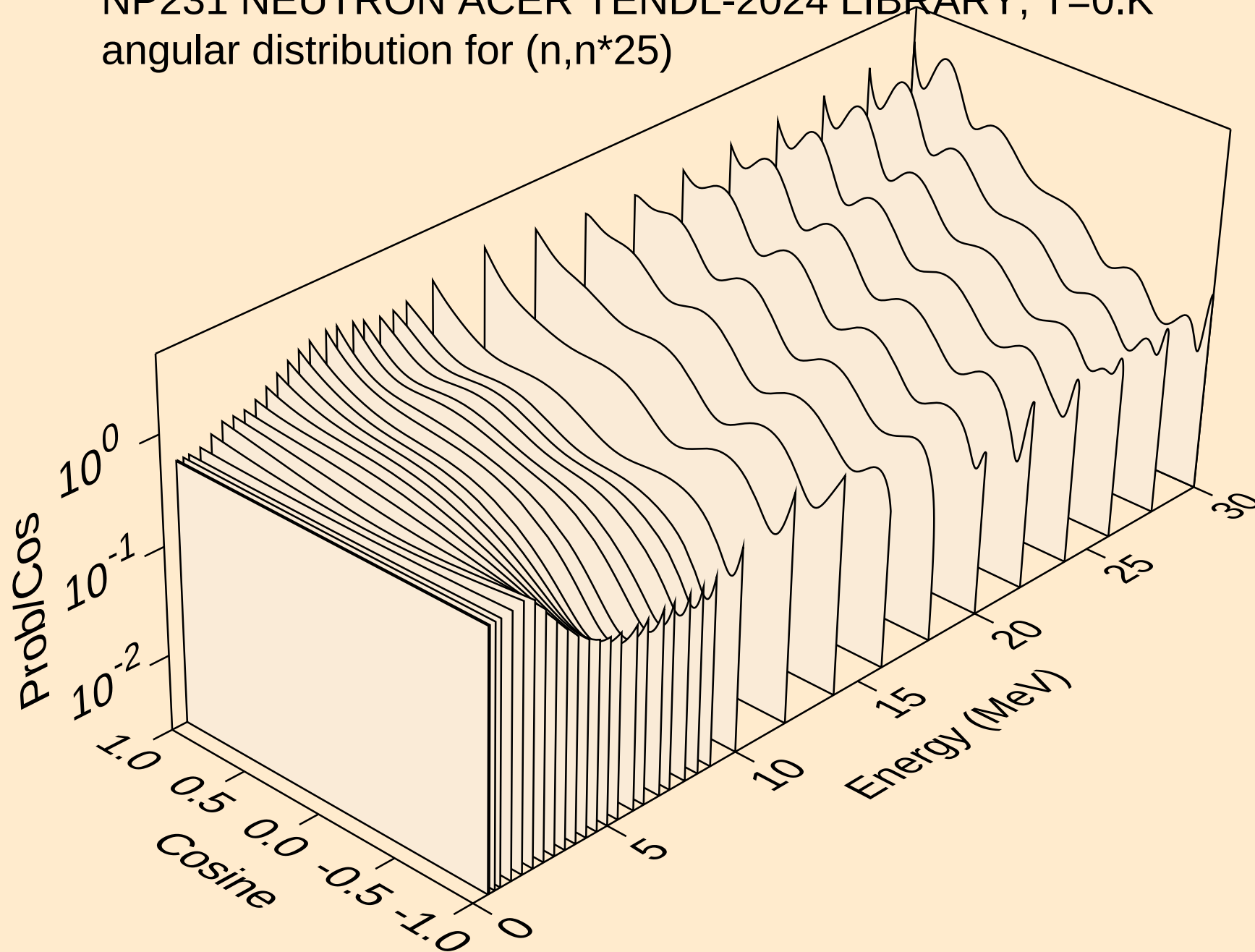
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)



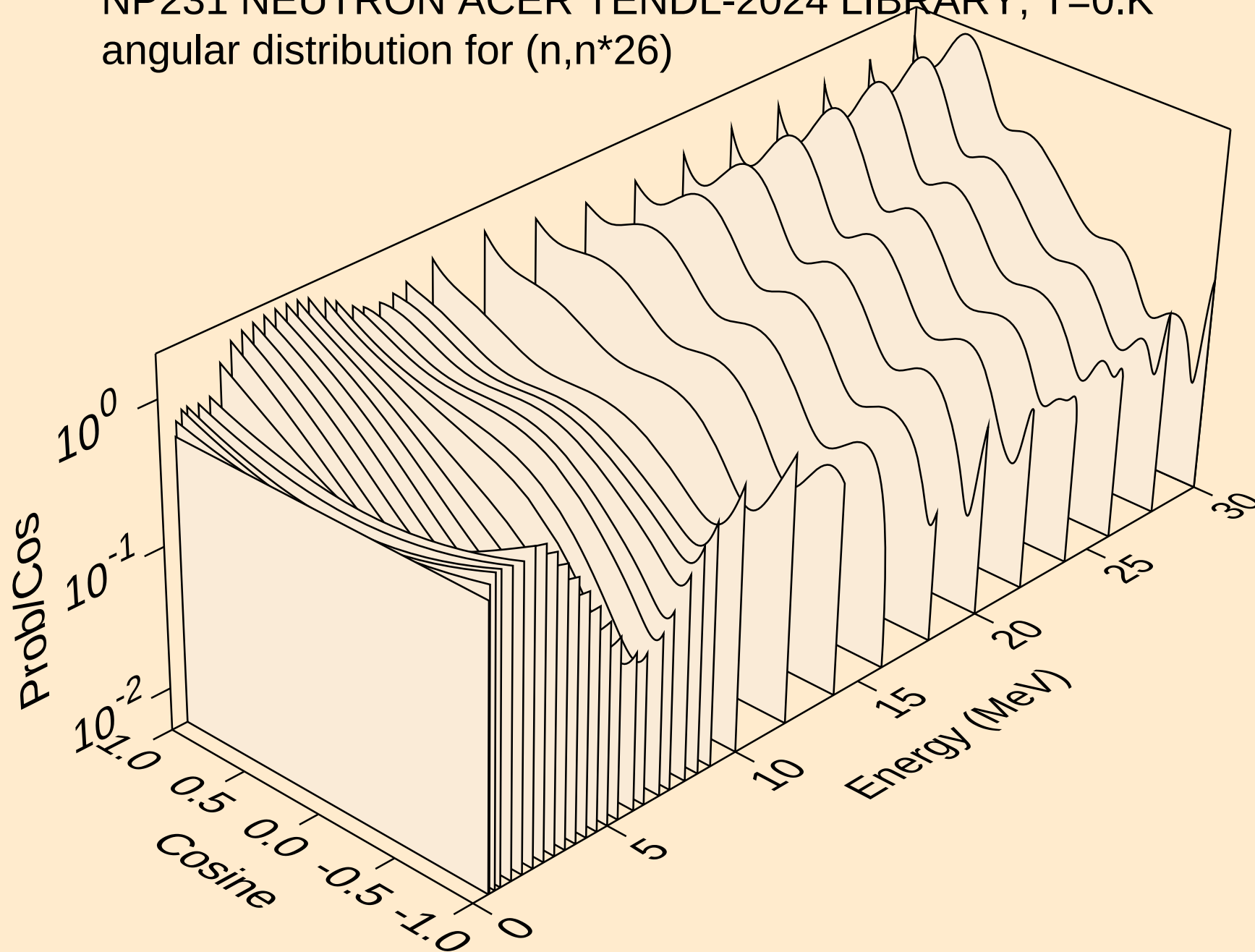
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angular distribution for (n,n*24)



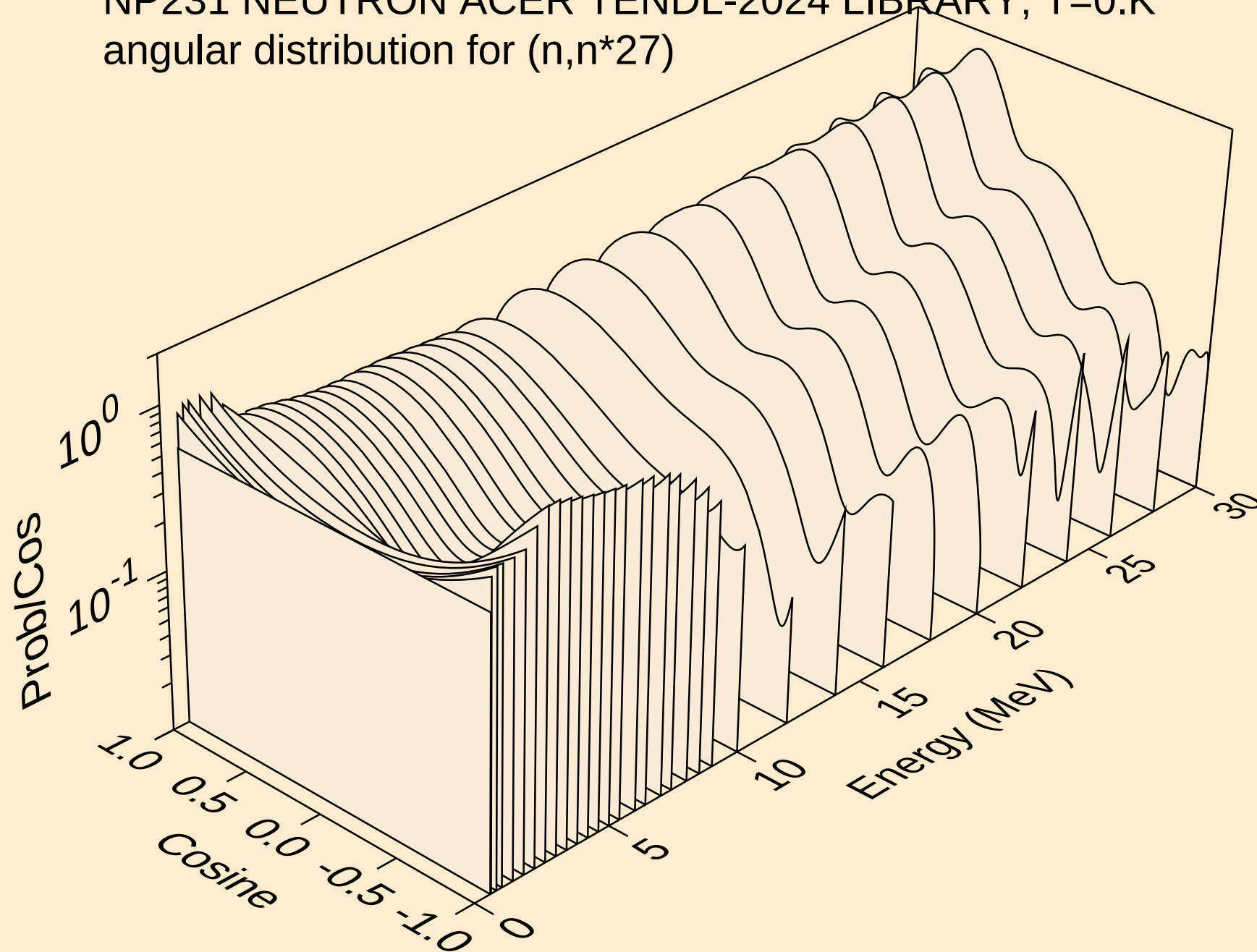
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



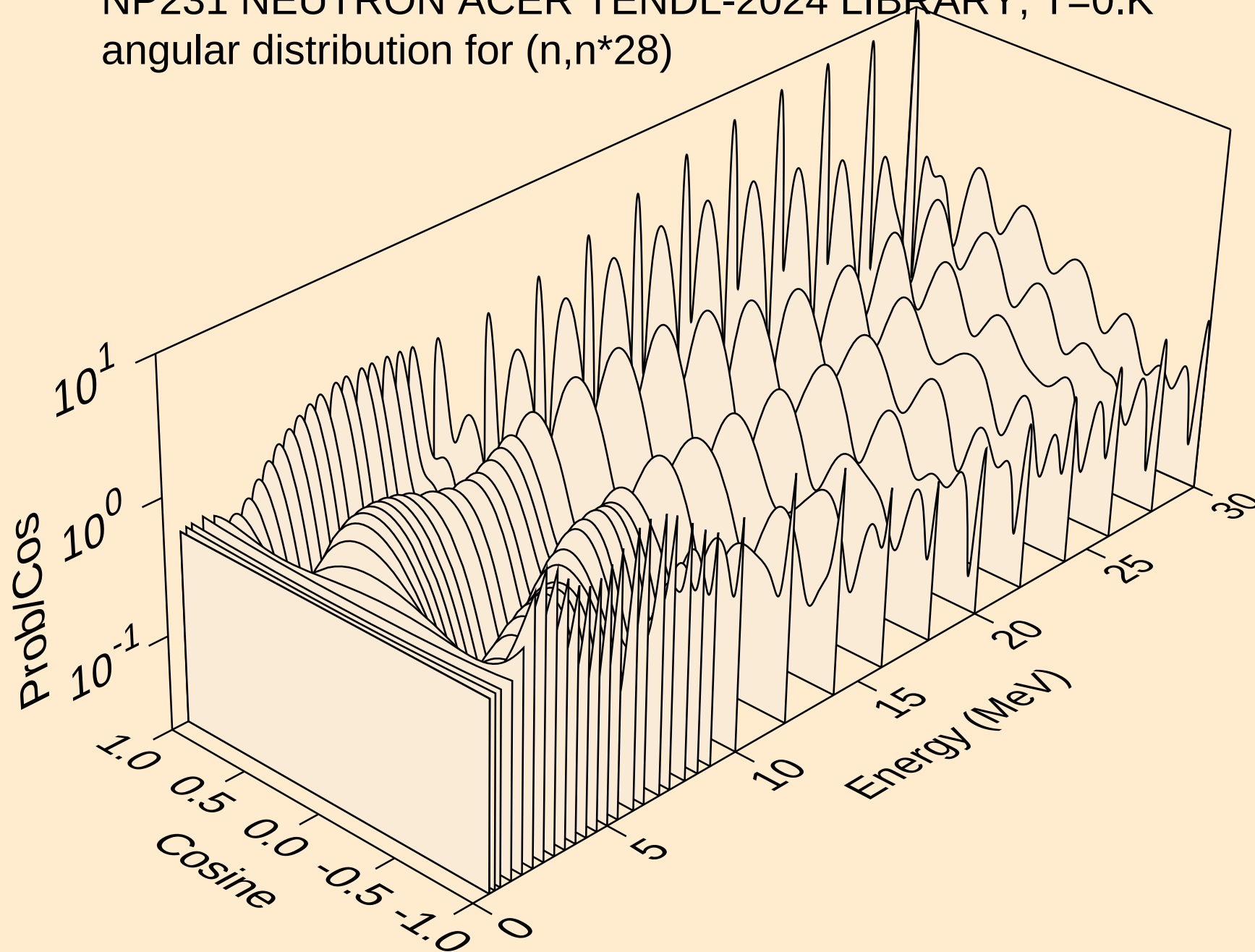
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



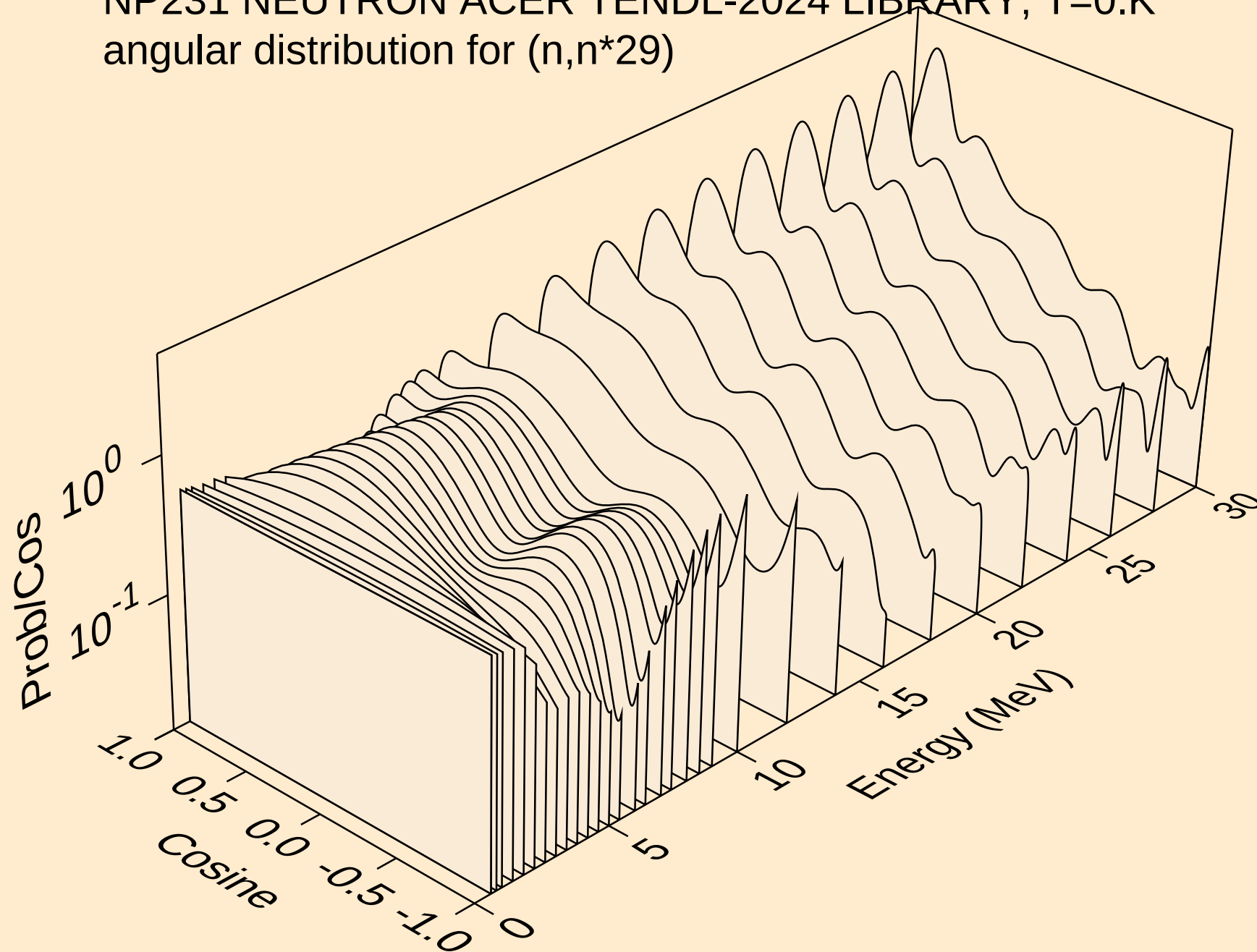
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)

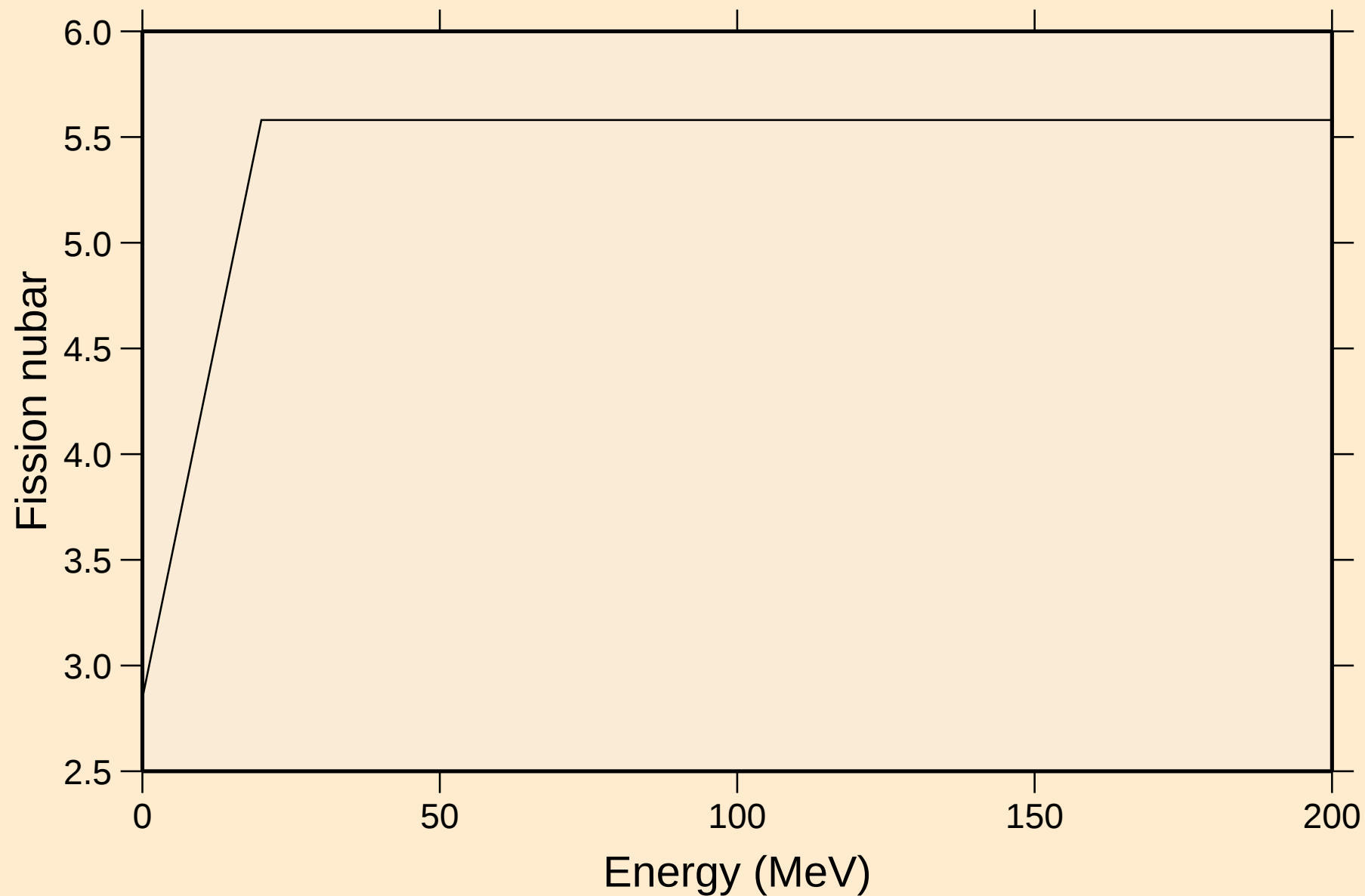


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*29)

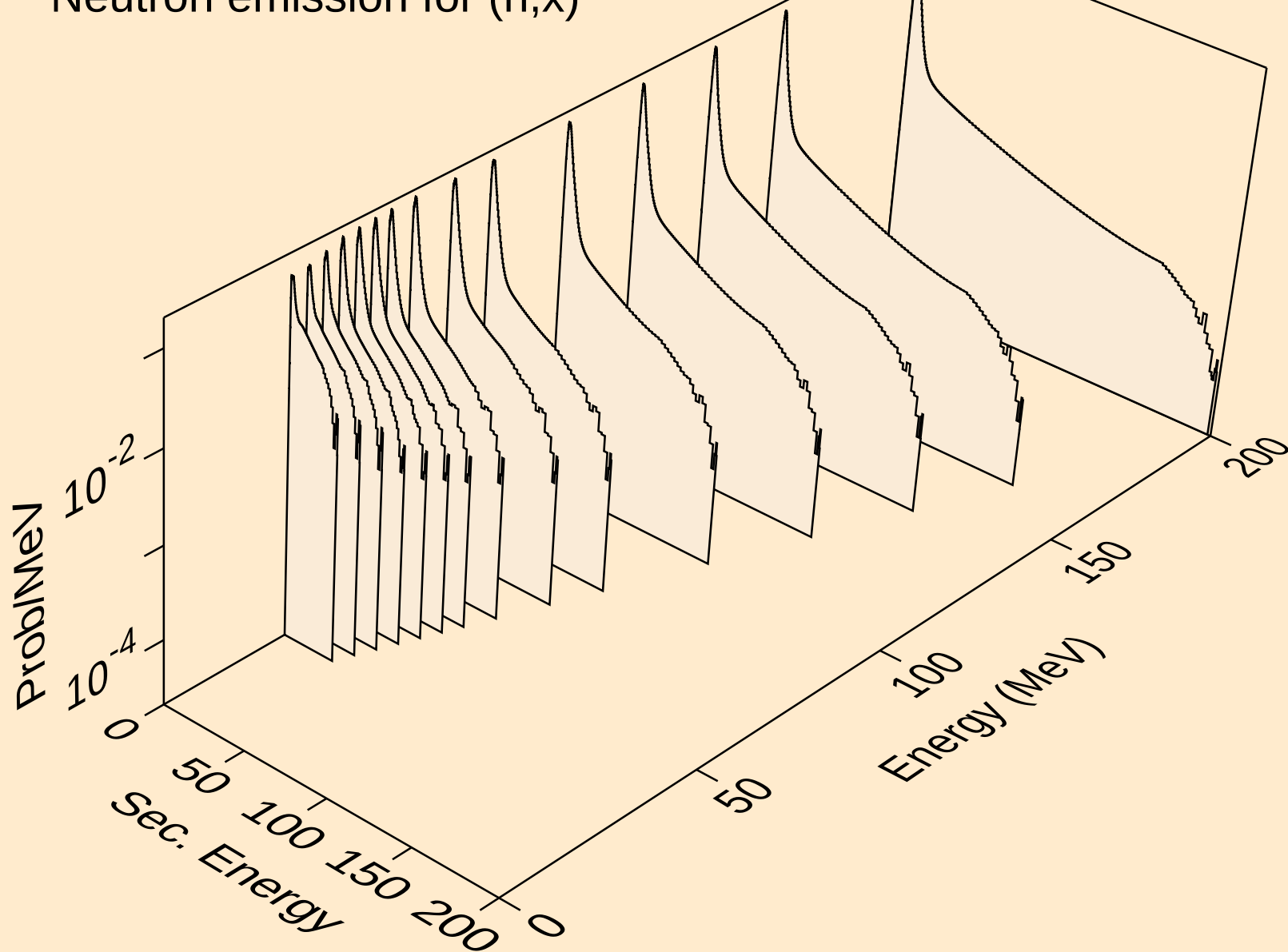


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

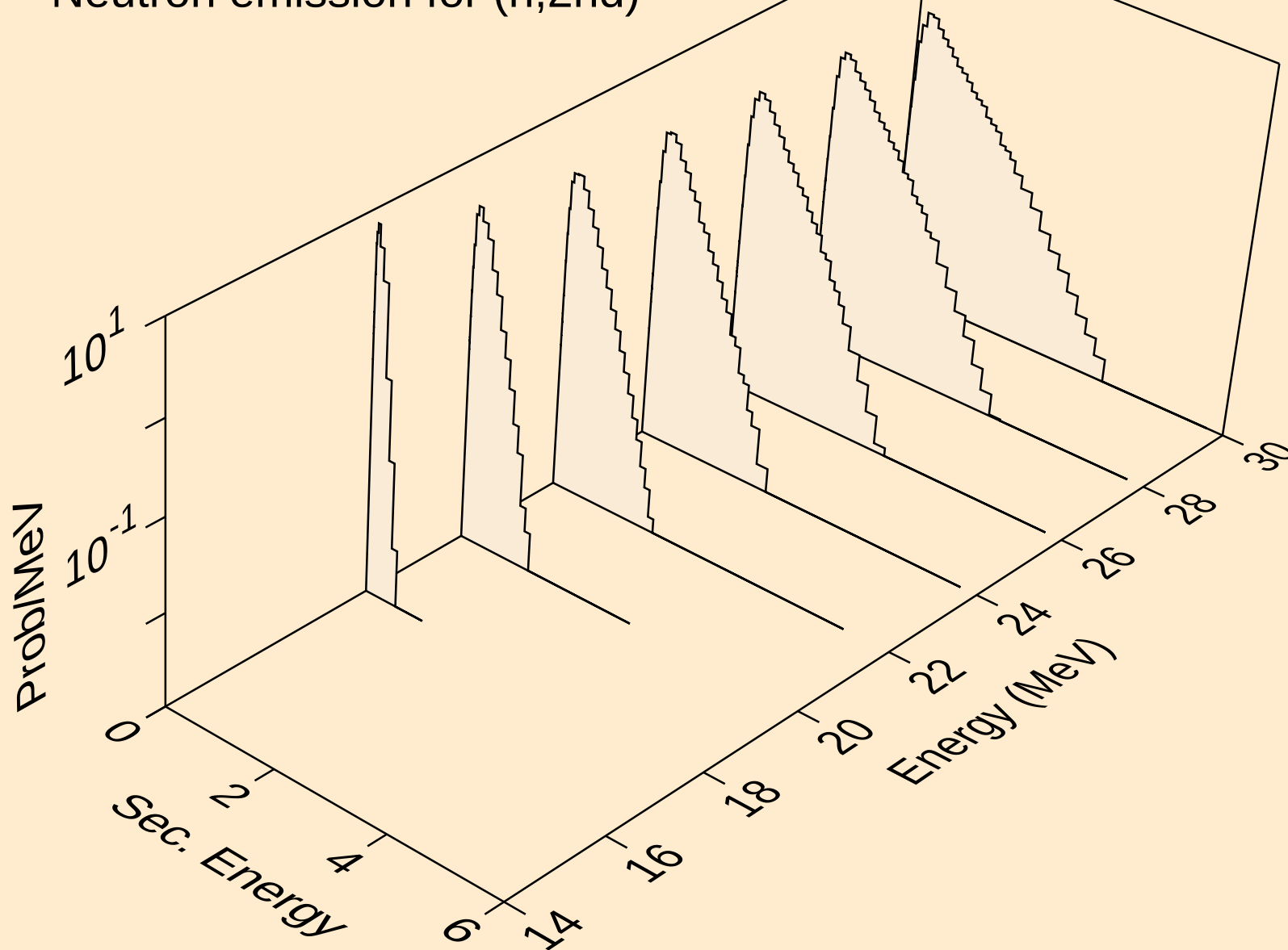
Total fission nubar



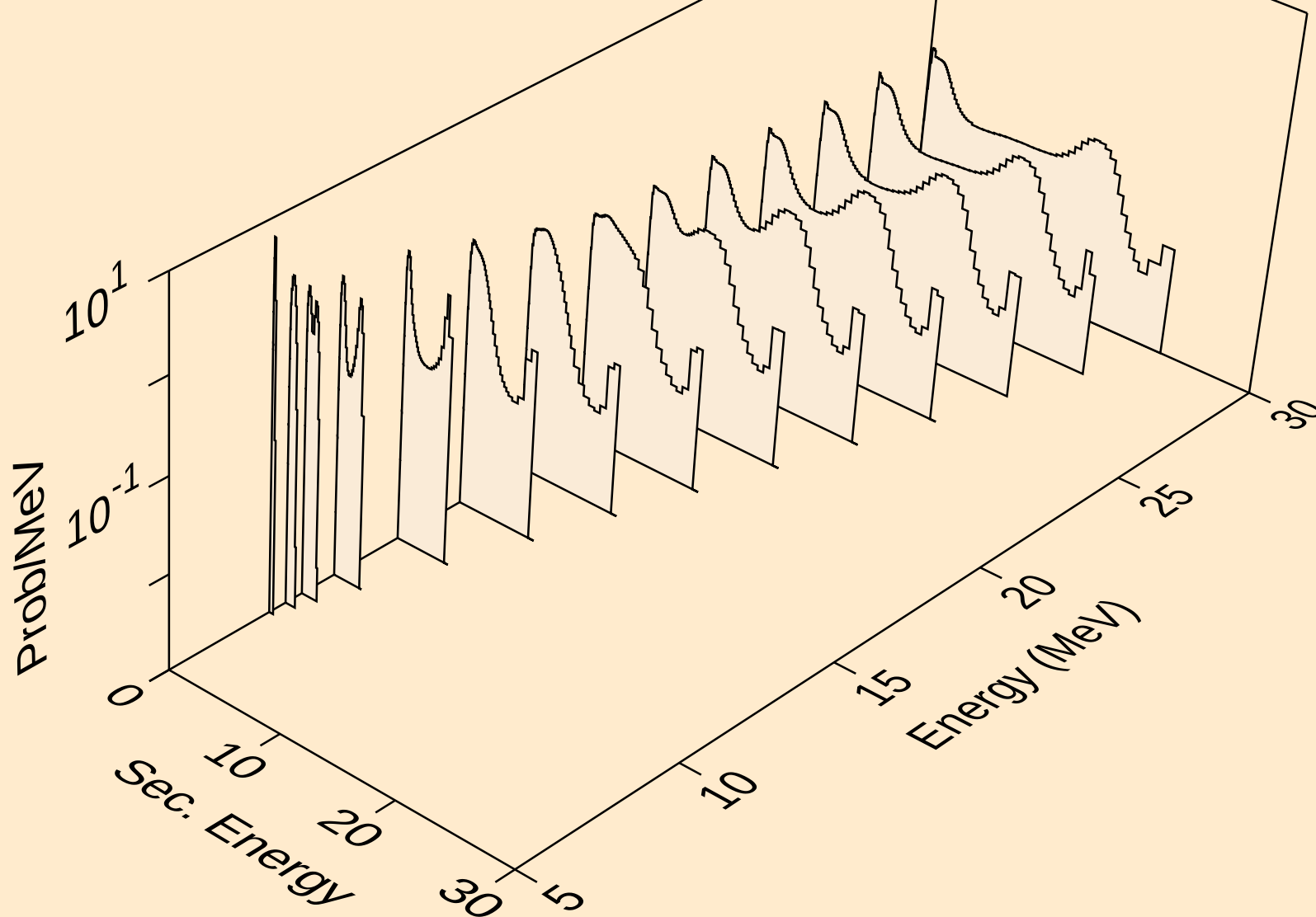
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



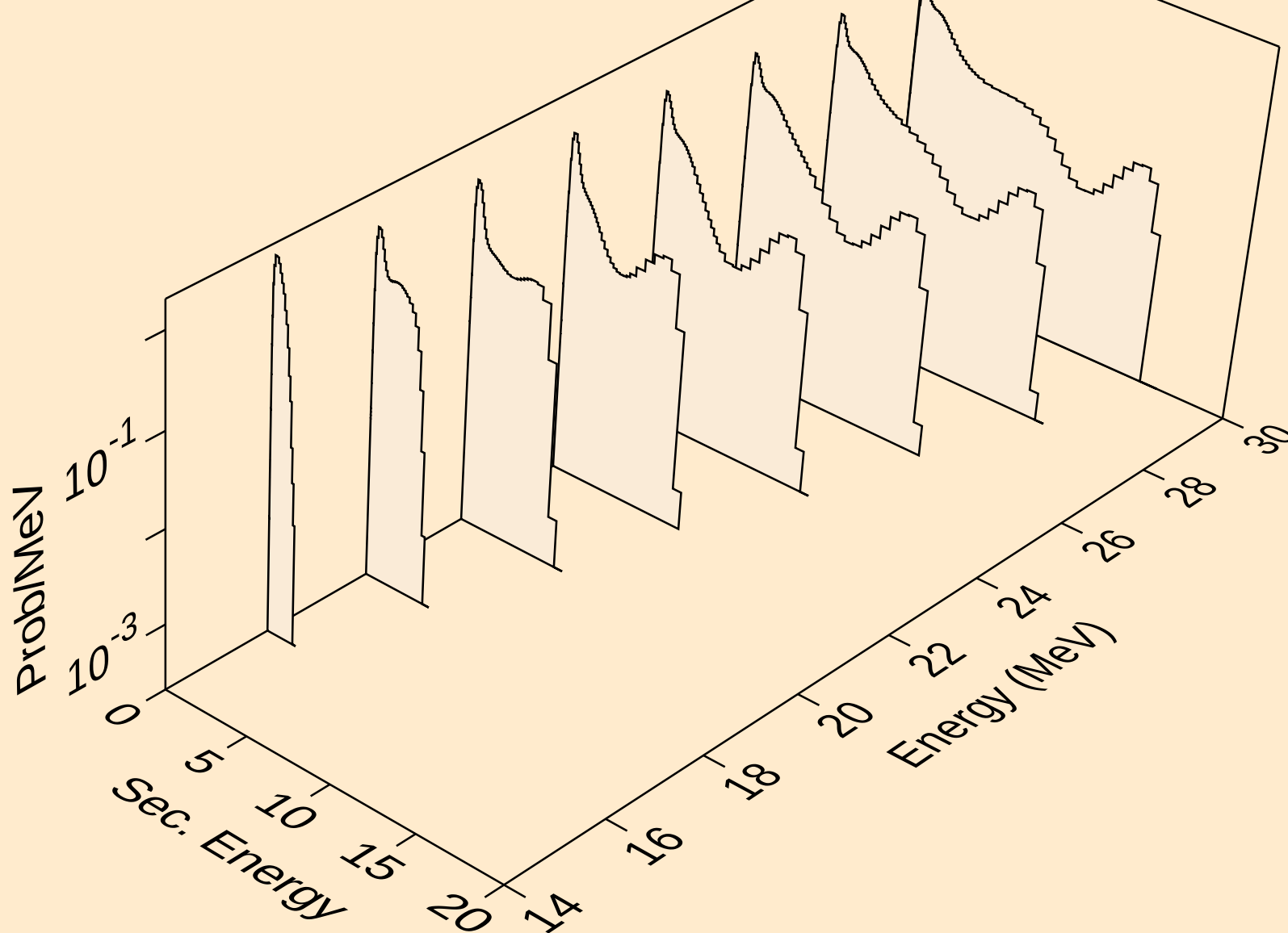
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



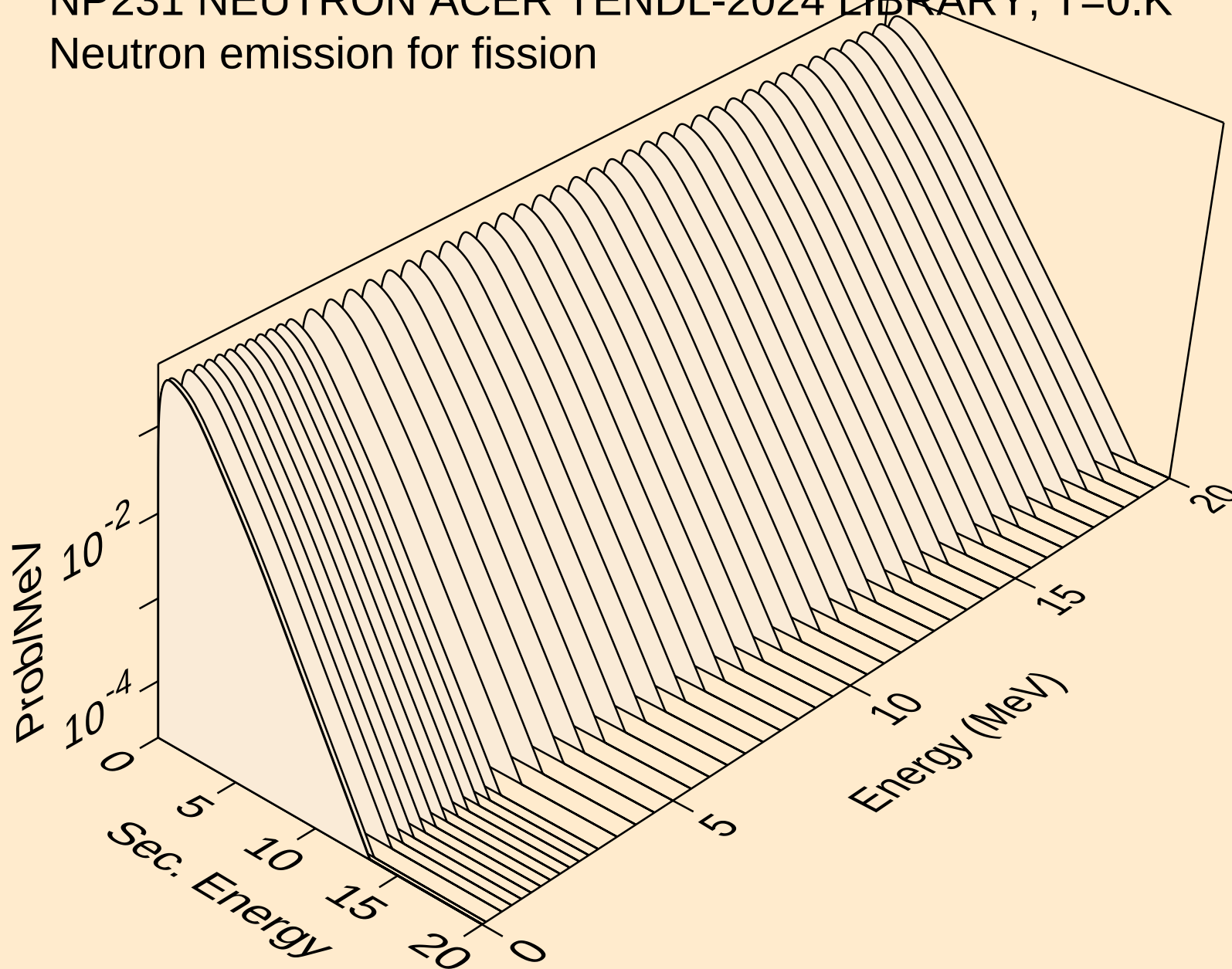
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)

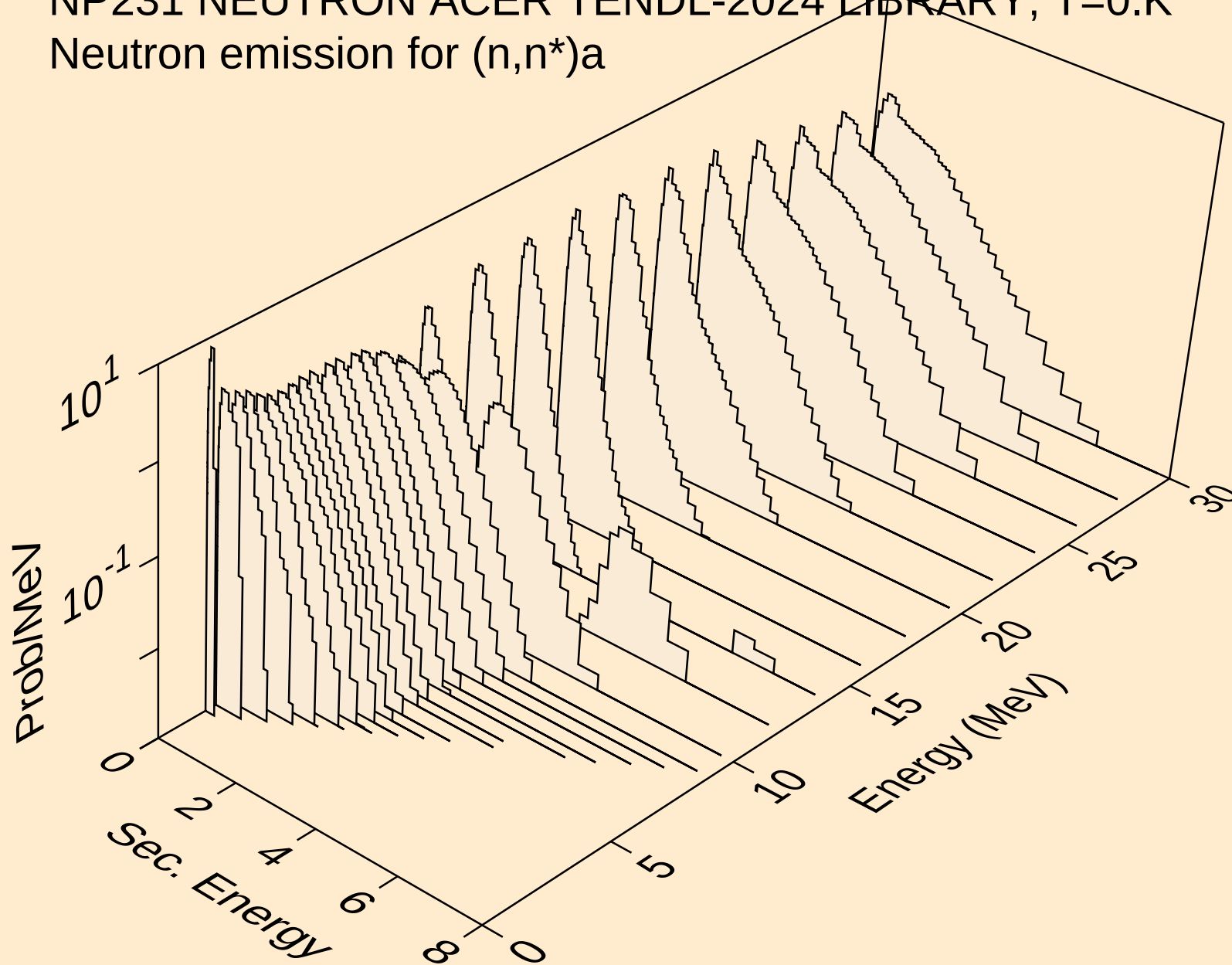


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for fission

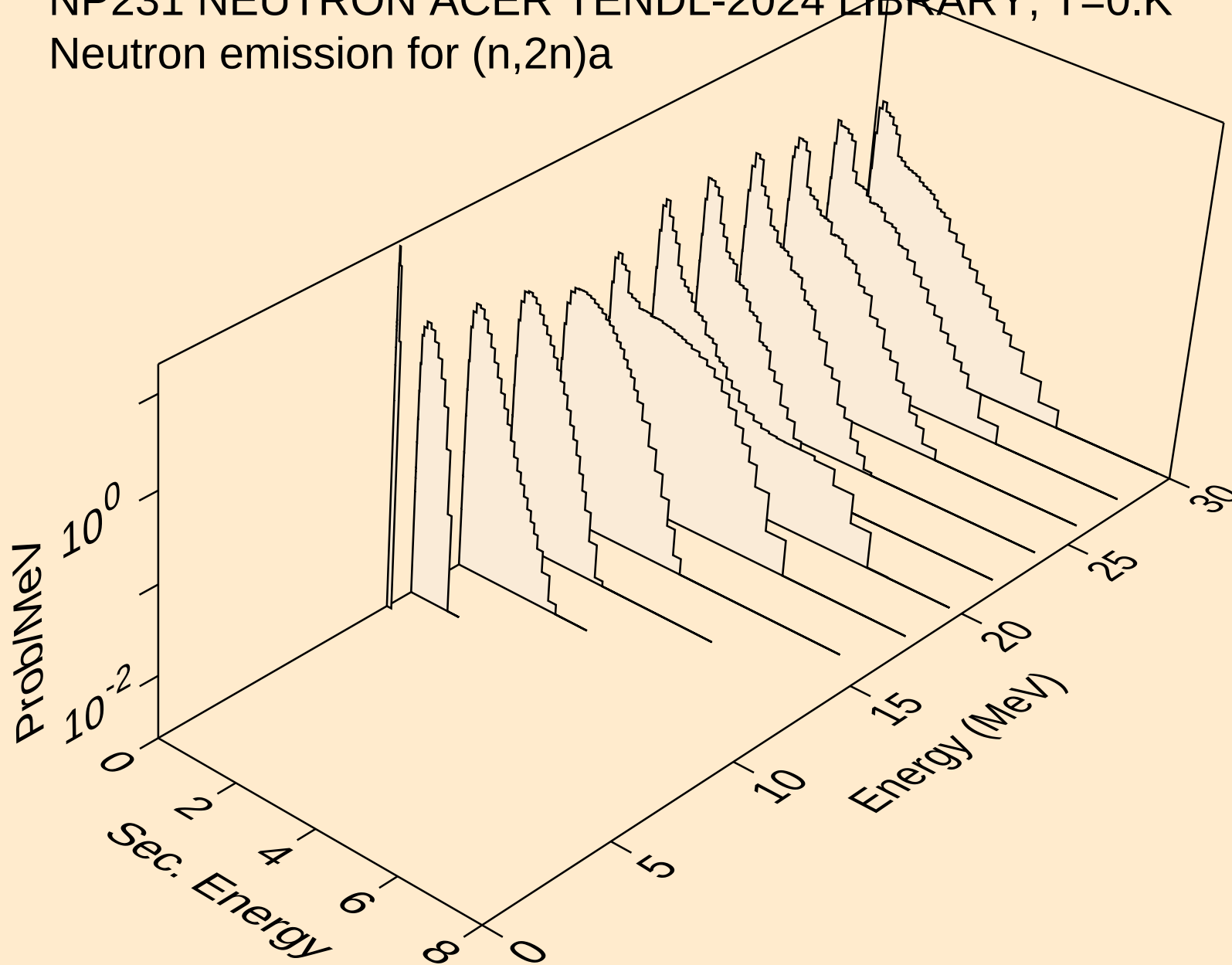


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

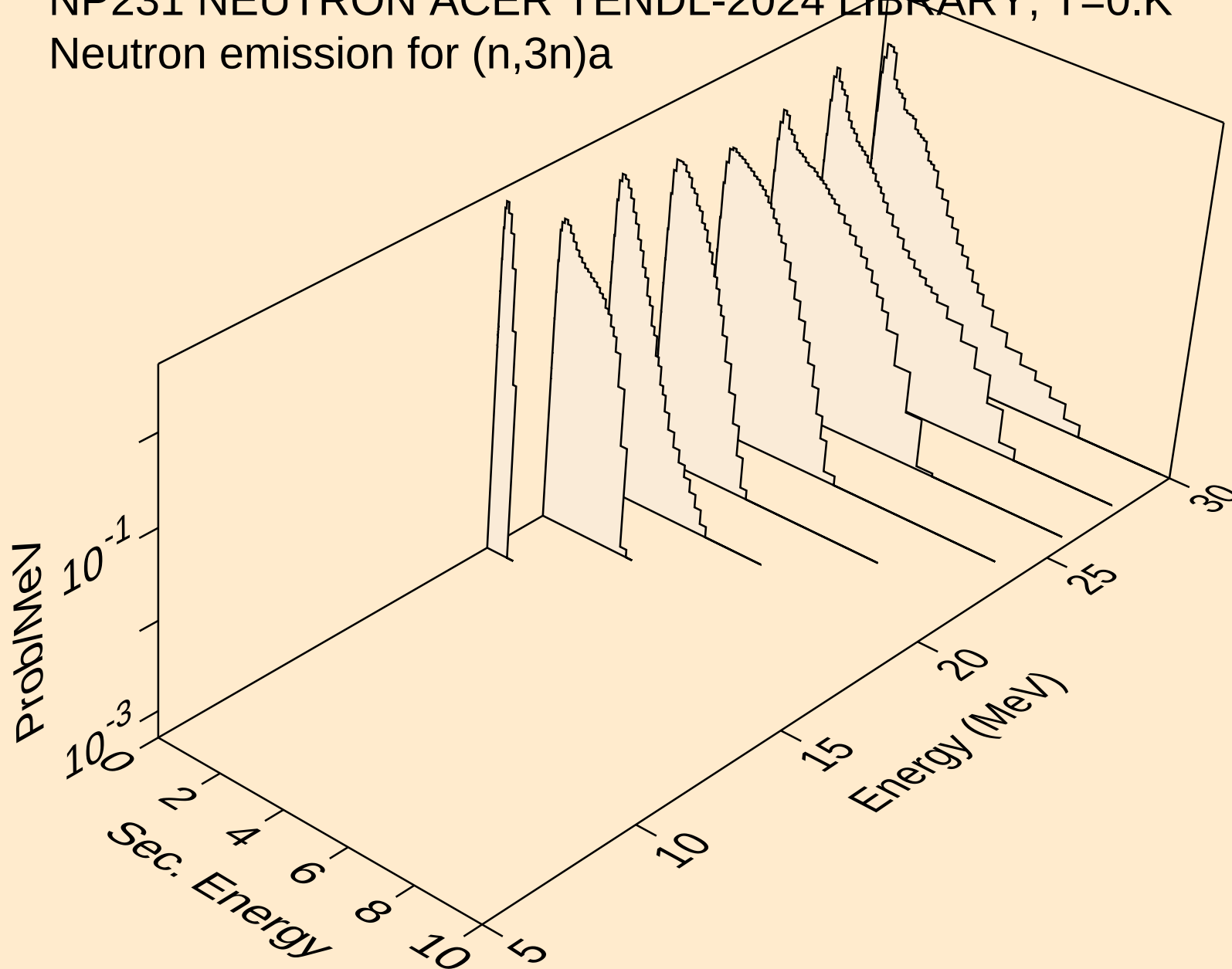
Neutron emission for (n,n*)a



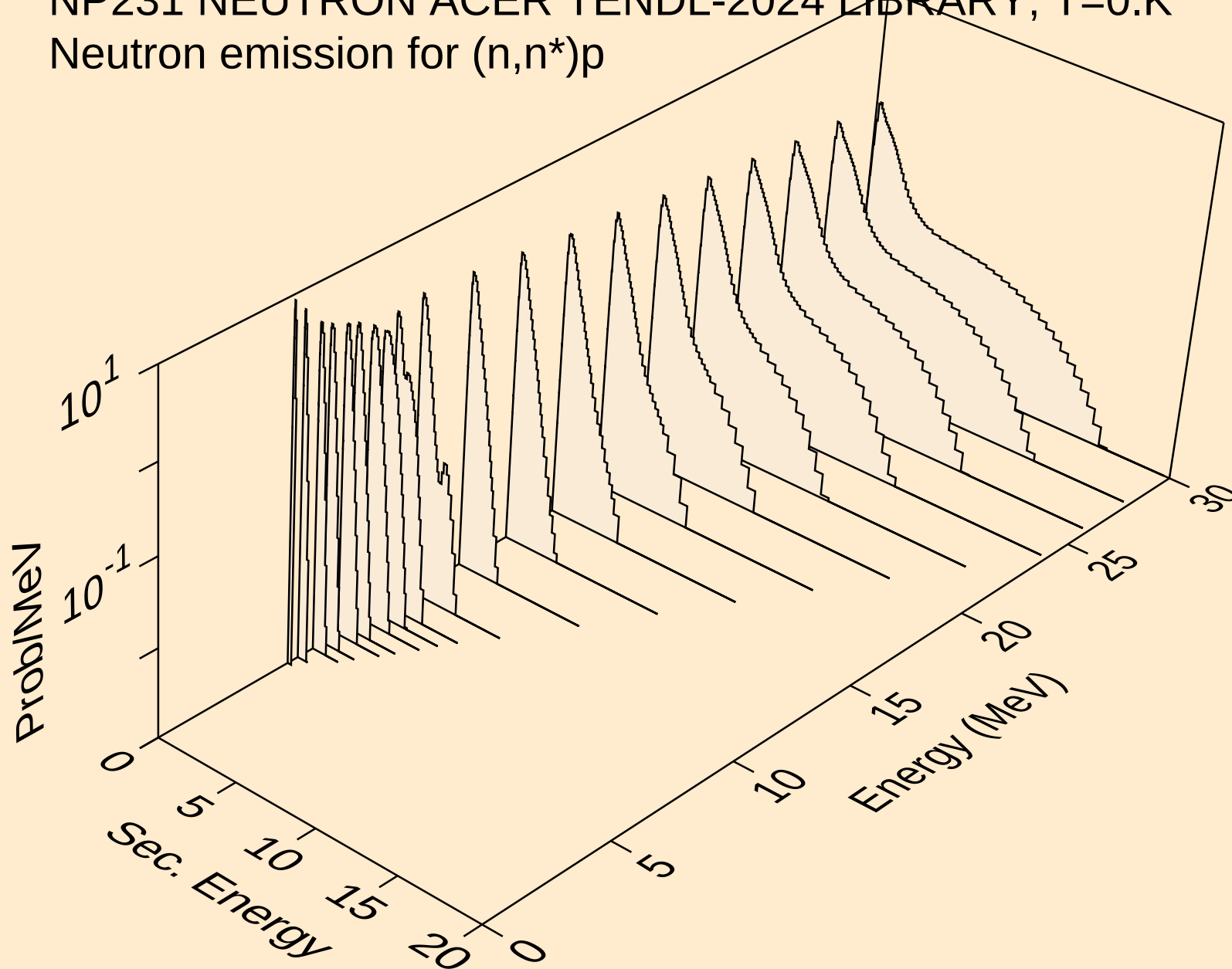
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



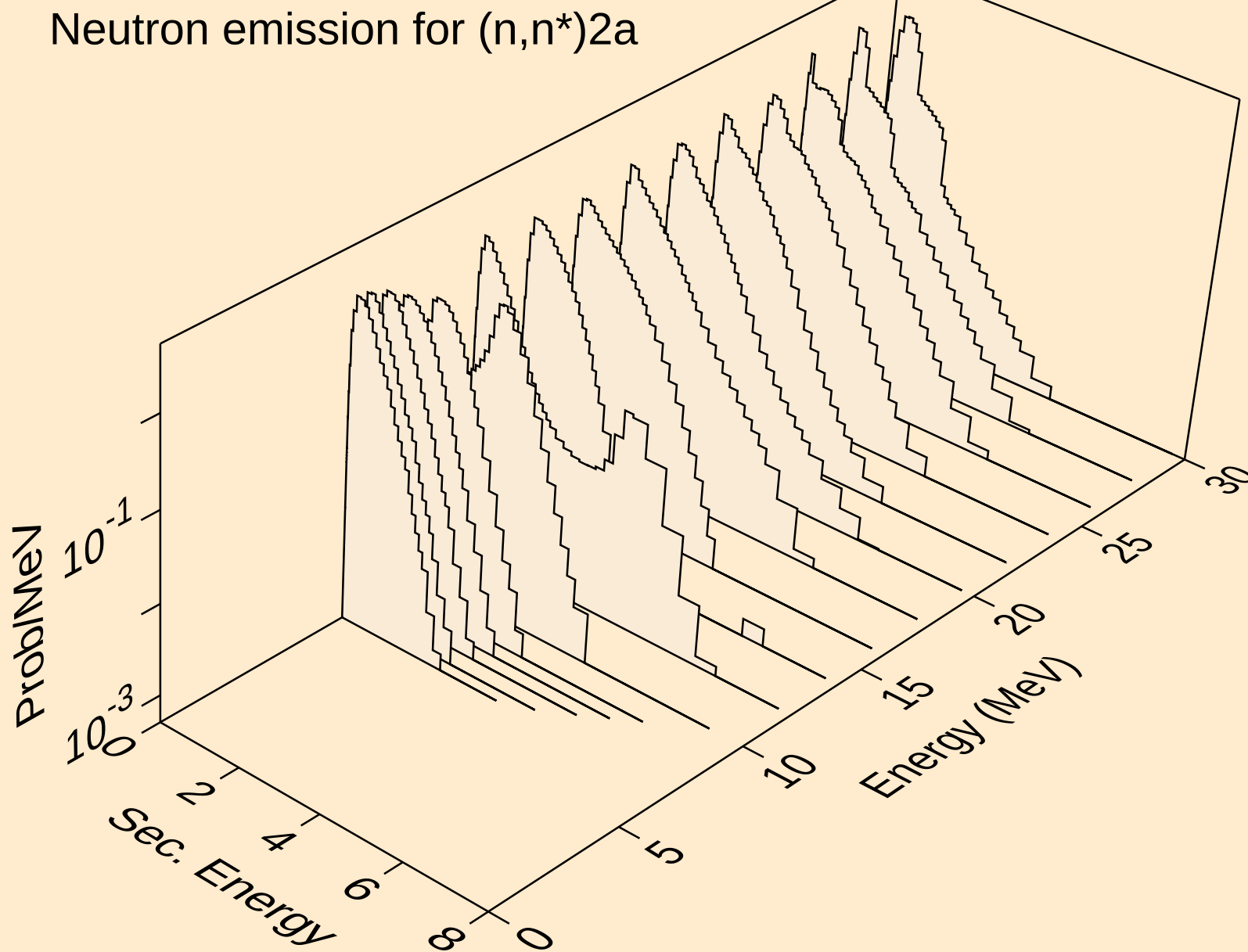
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



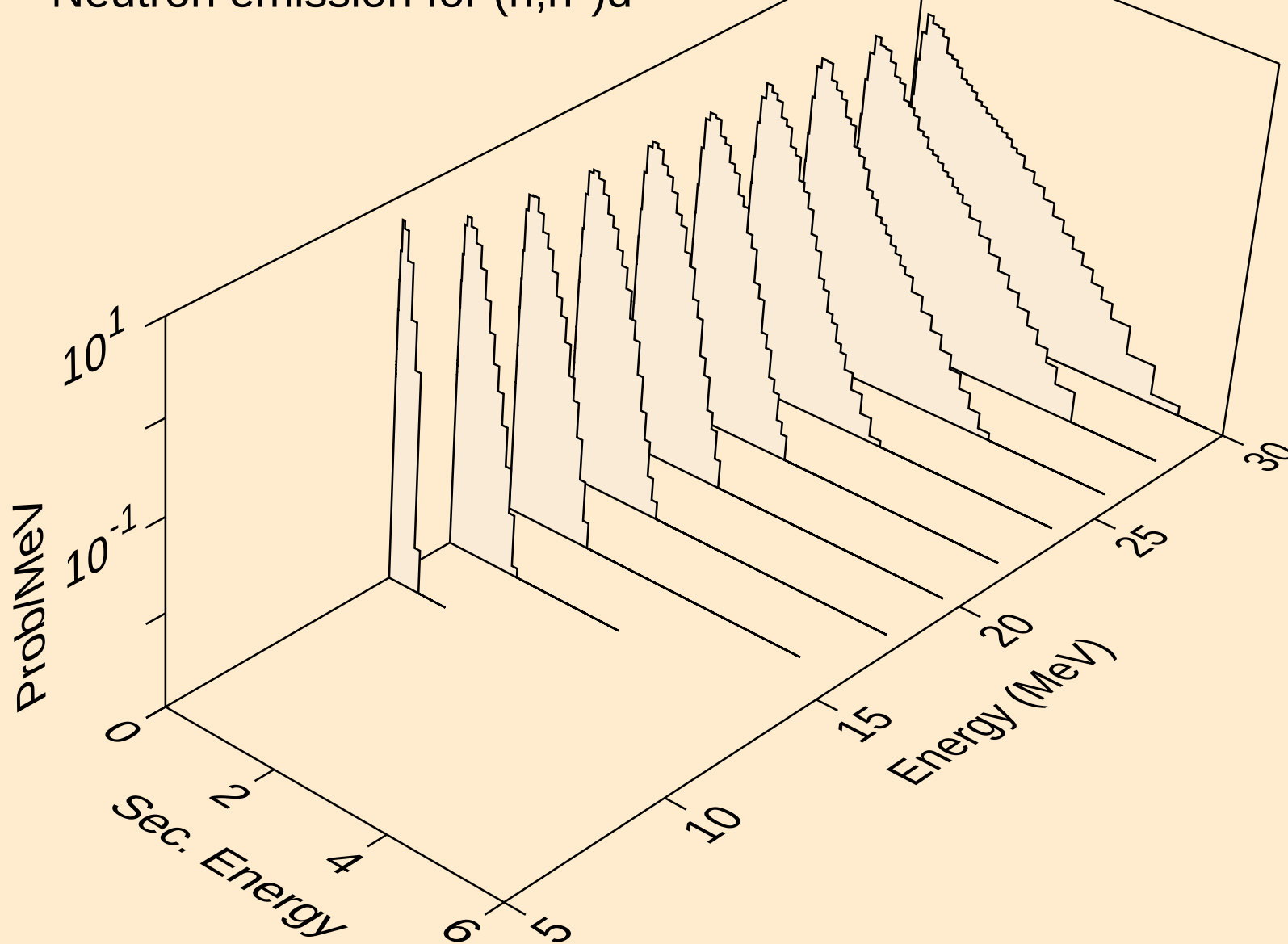
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



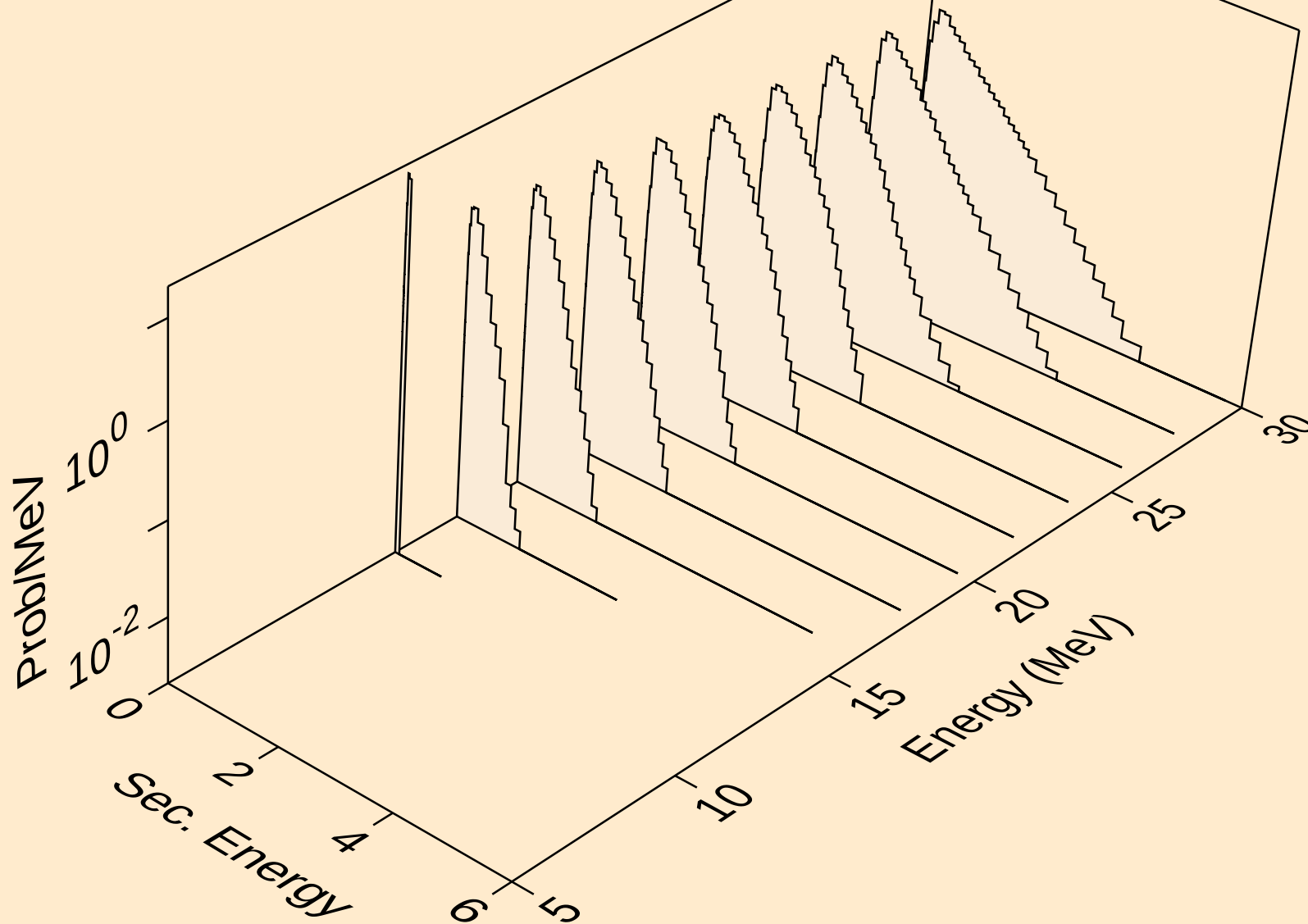
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



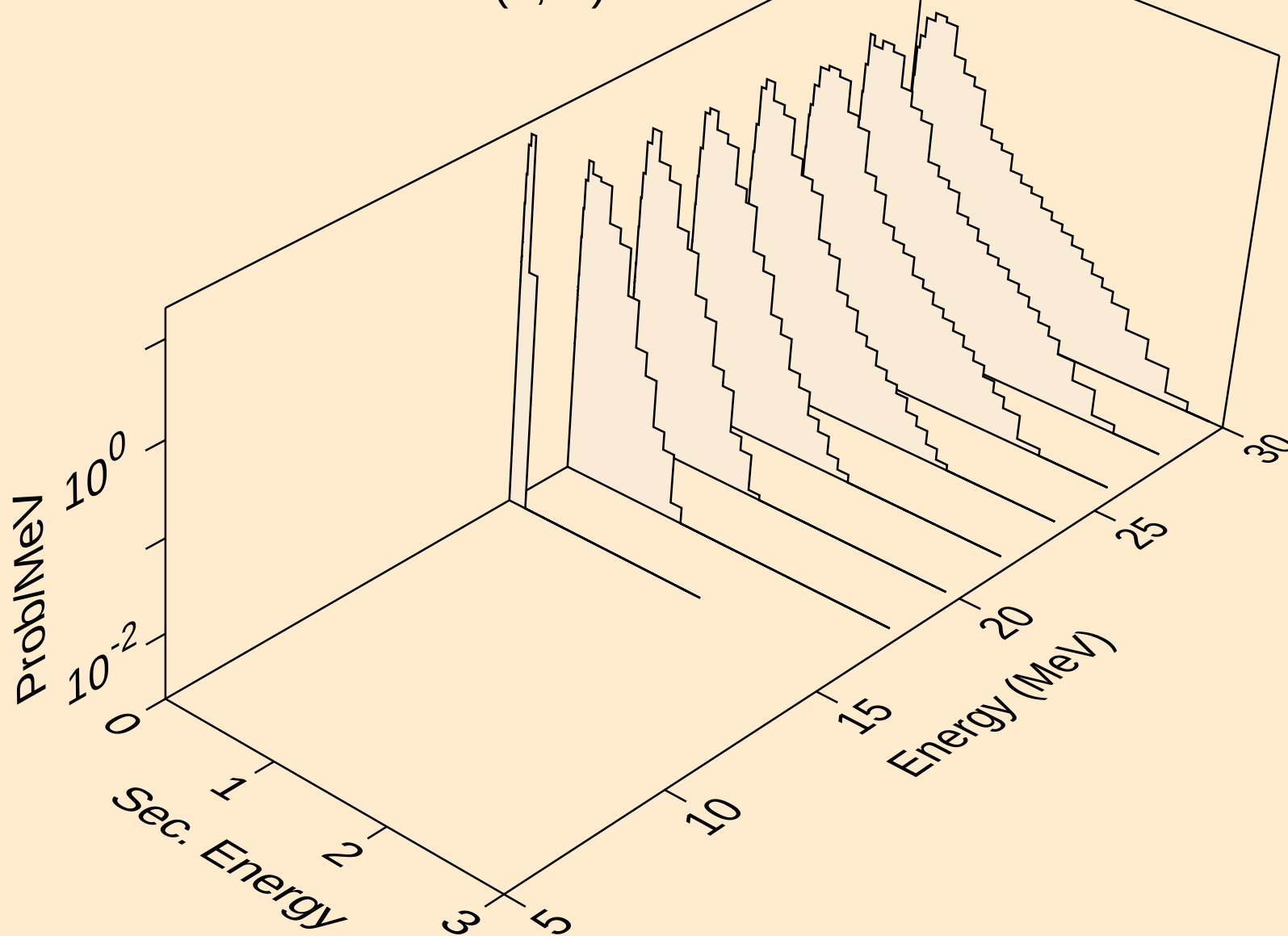
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



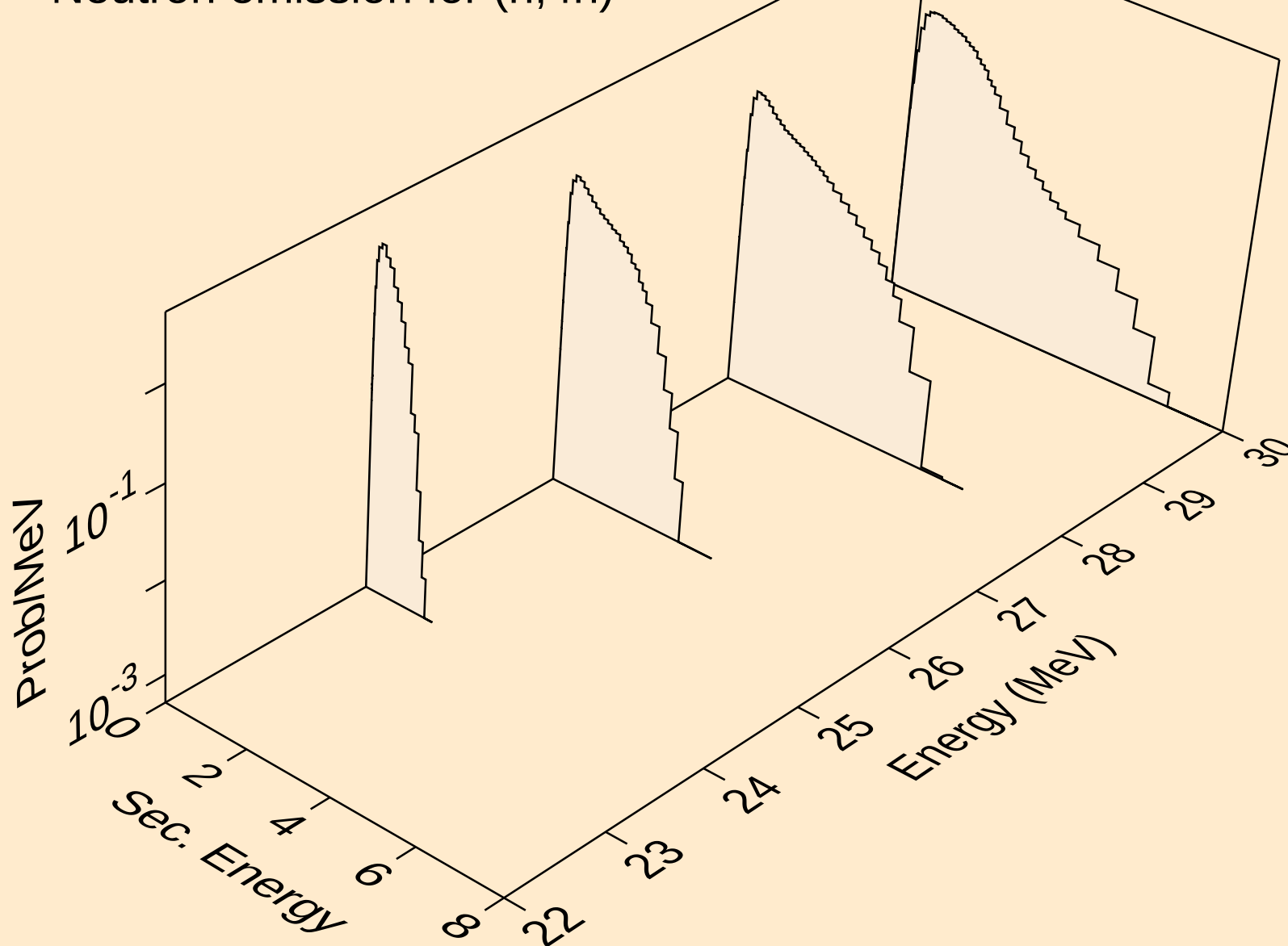
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



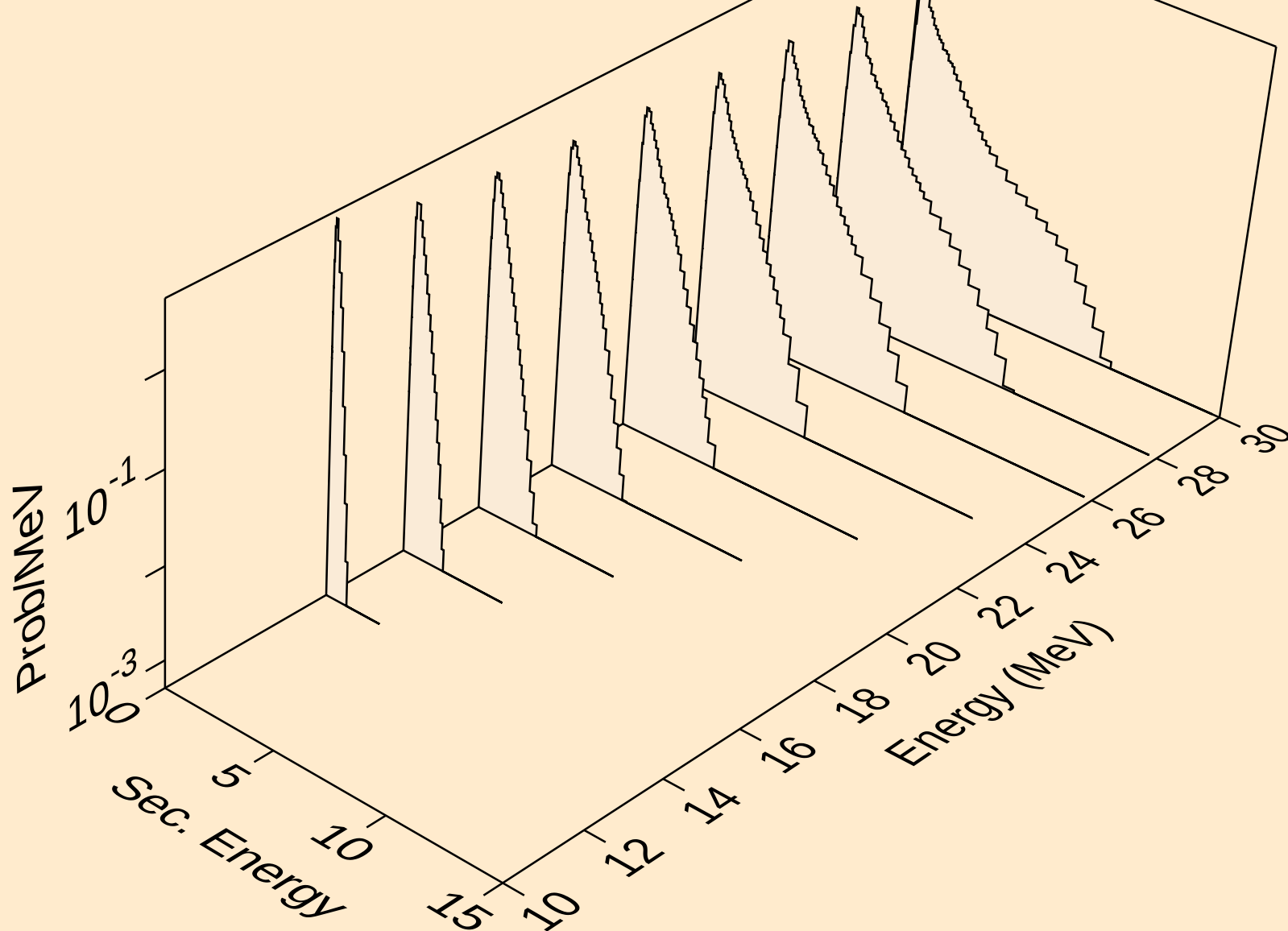
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



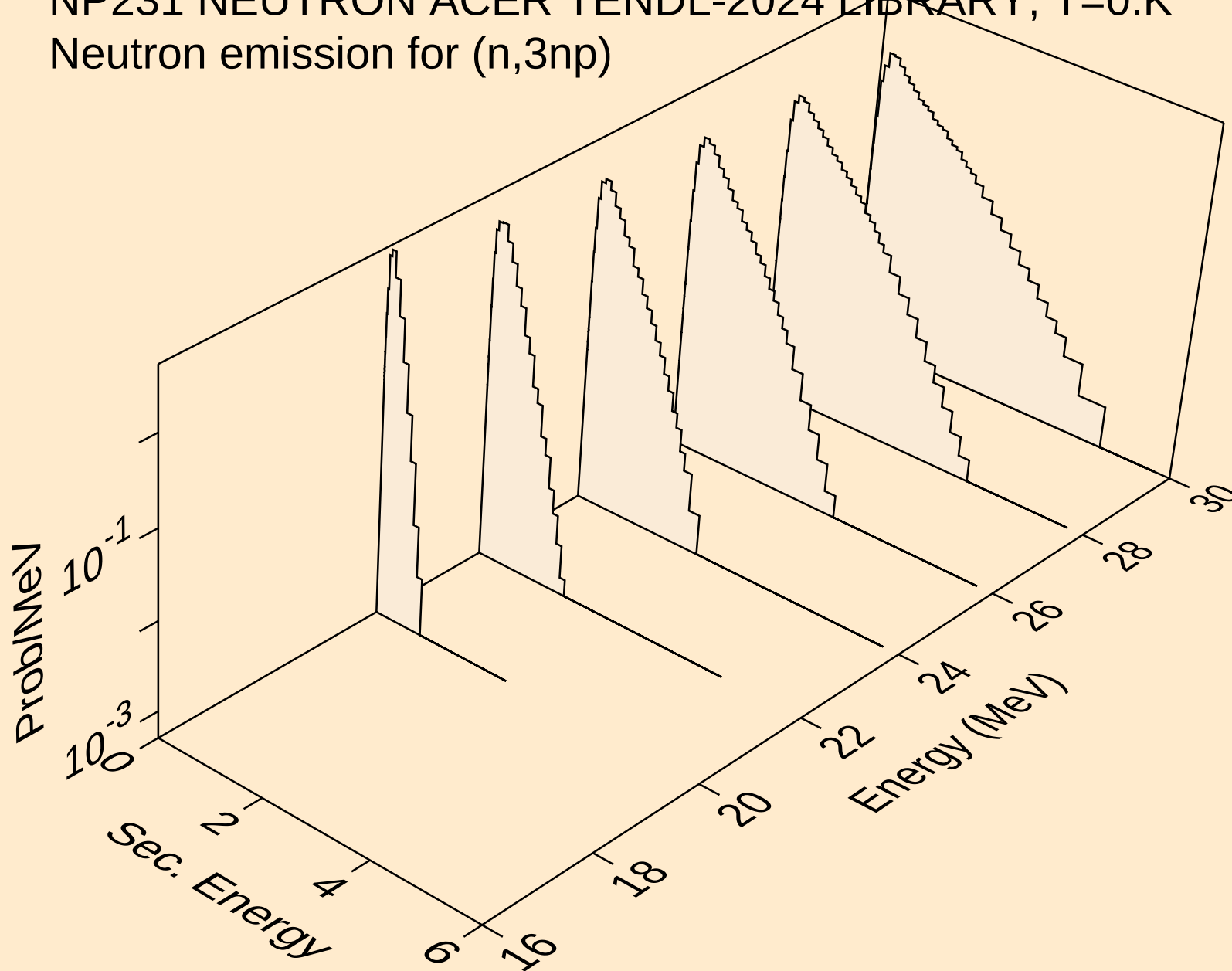
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



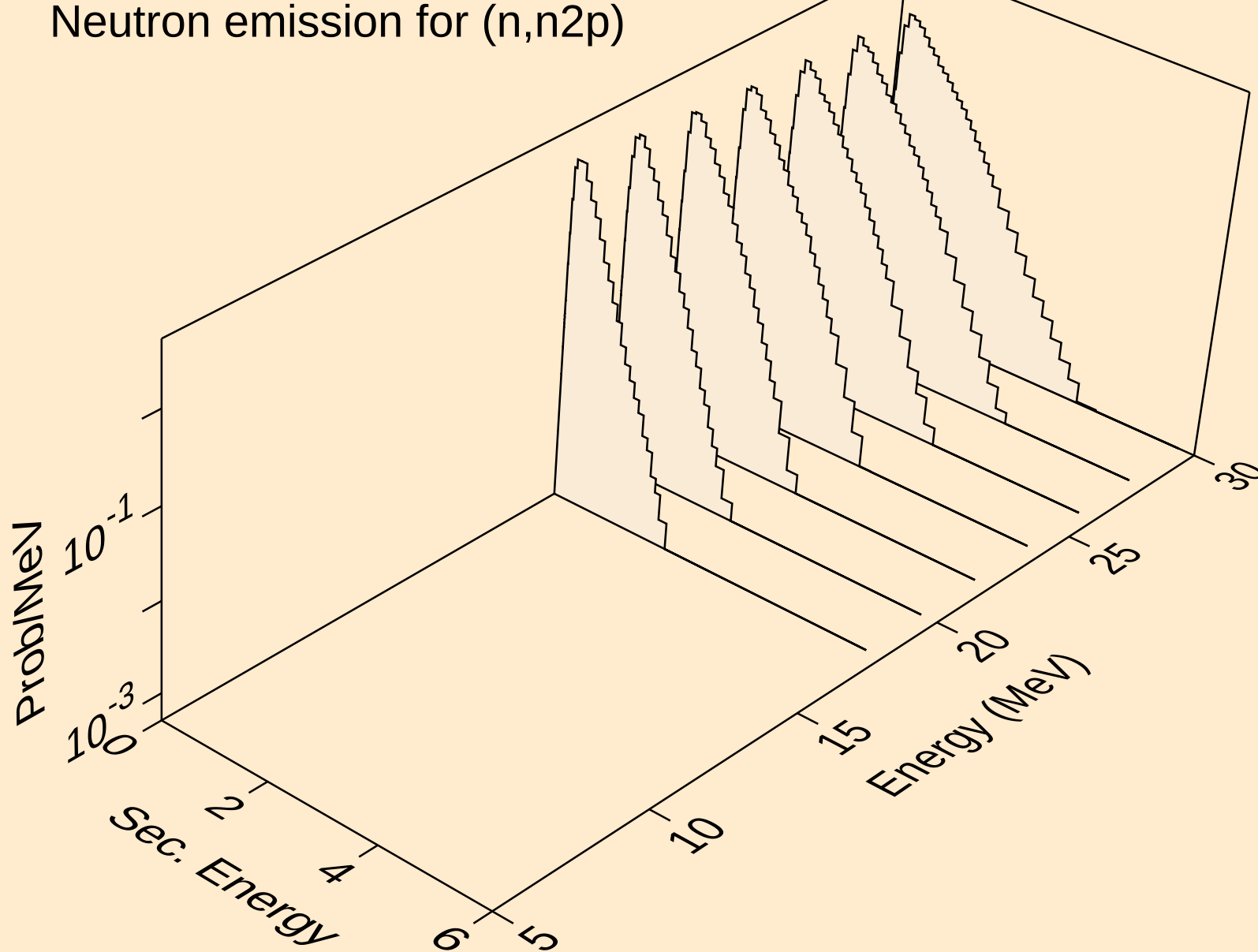
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



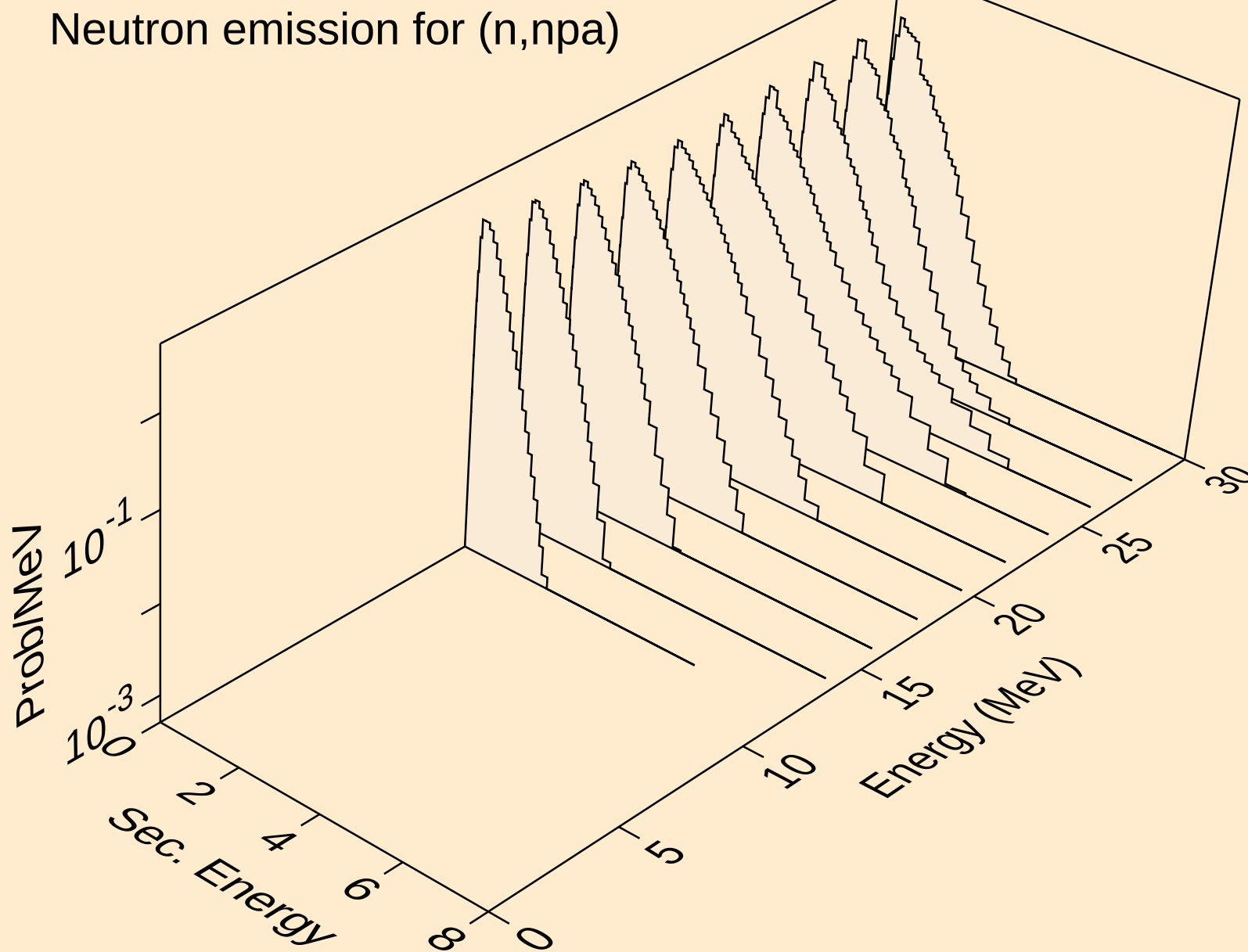
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



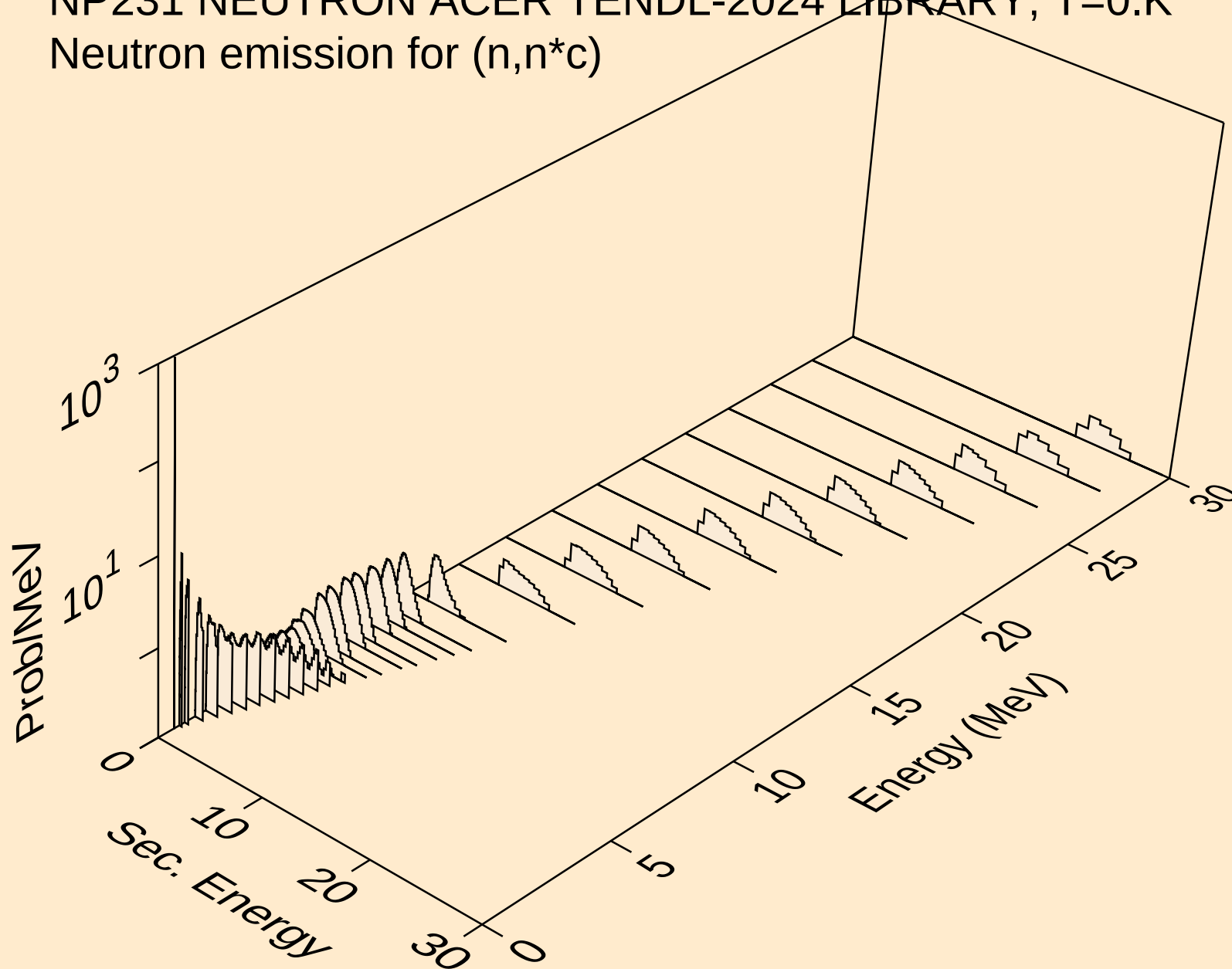
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)

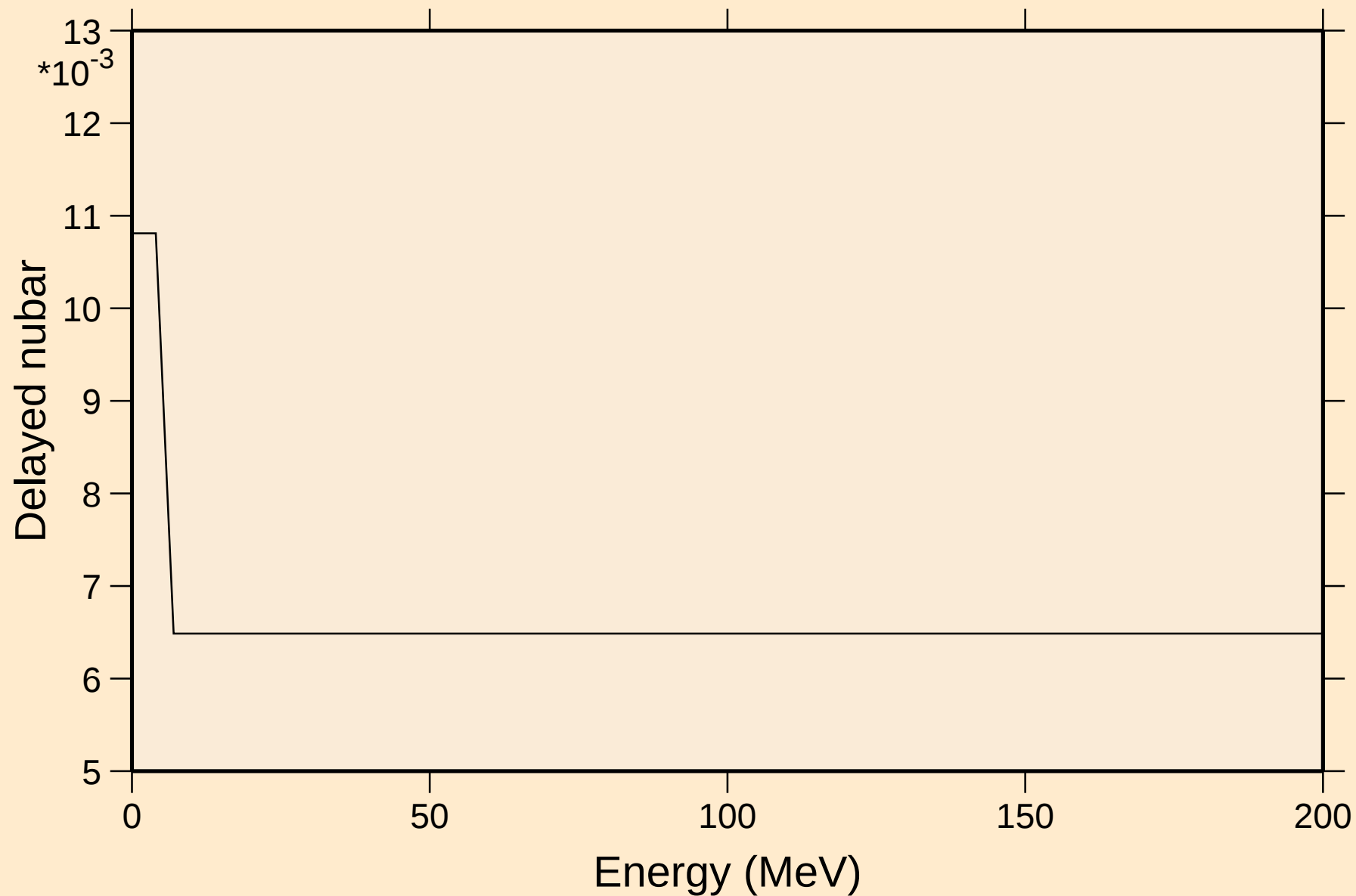


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



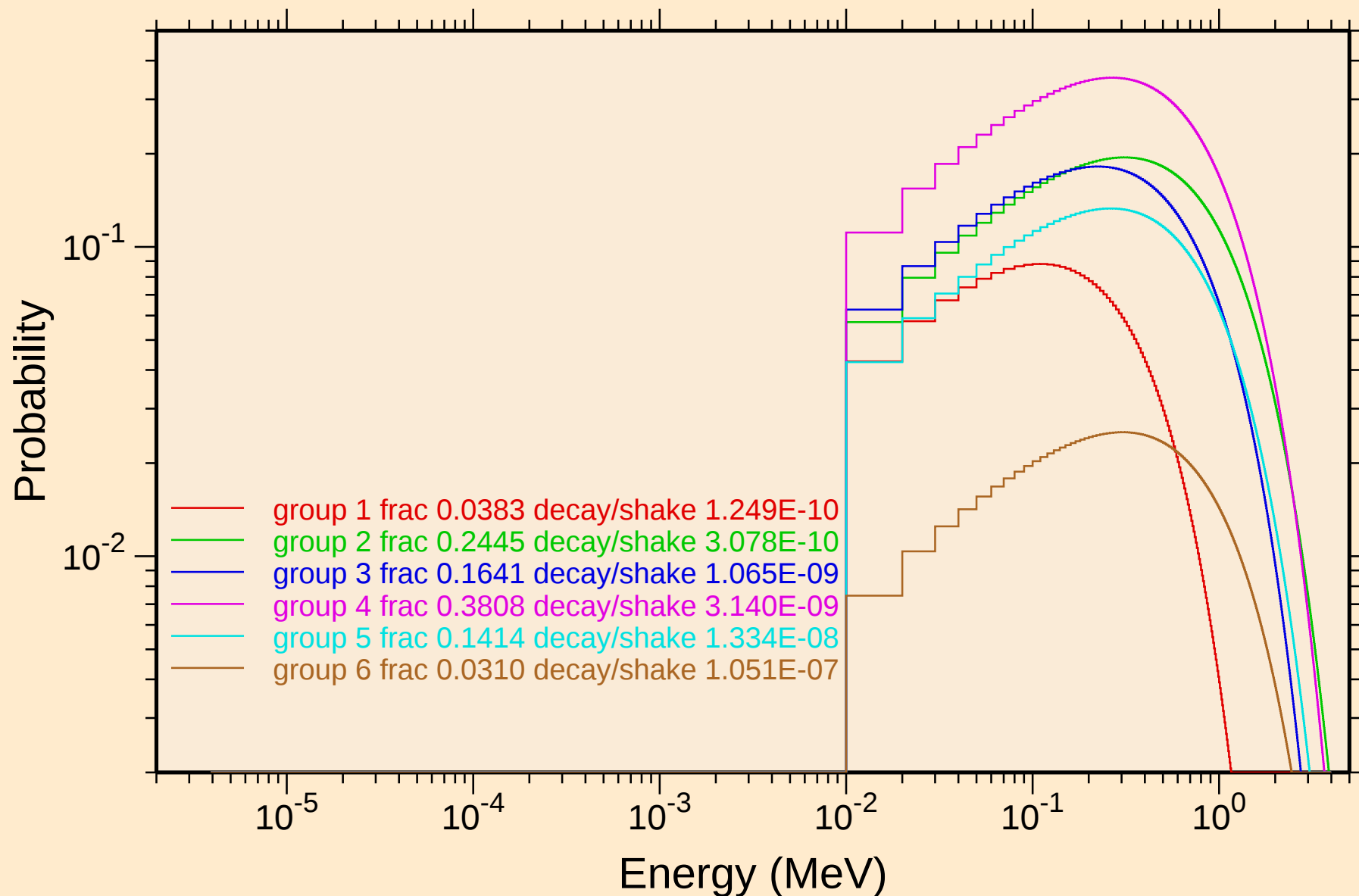
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar

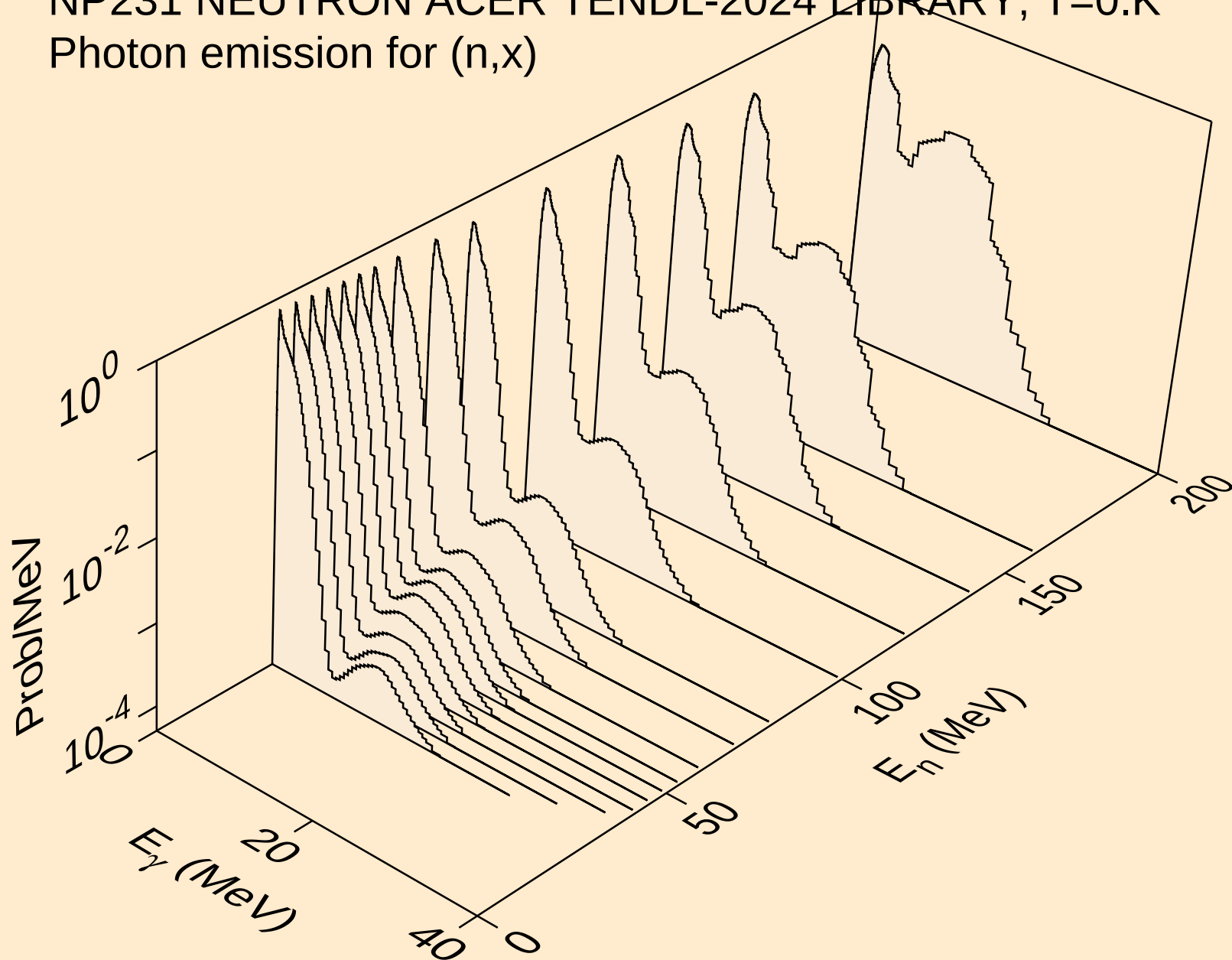


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

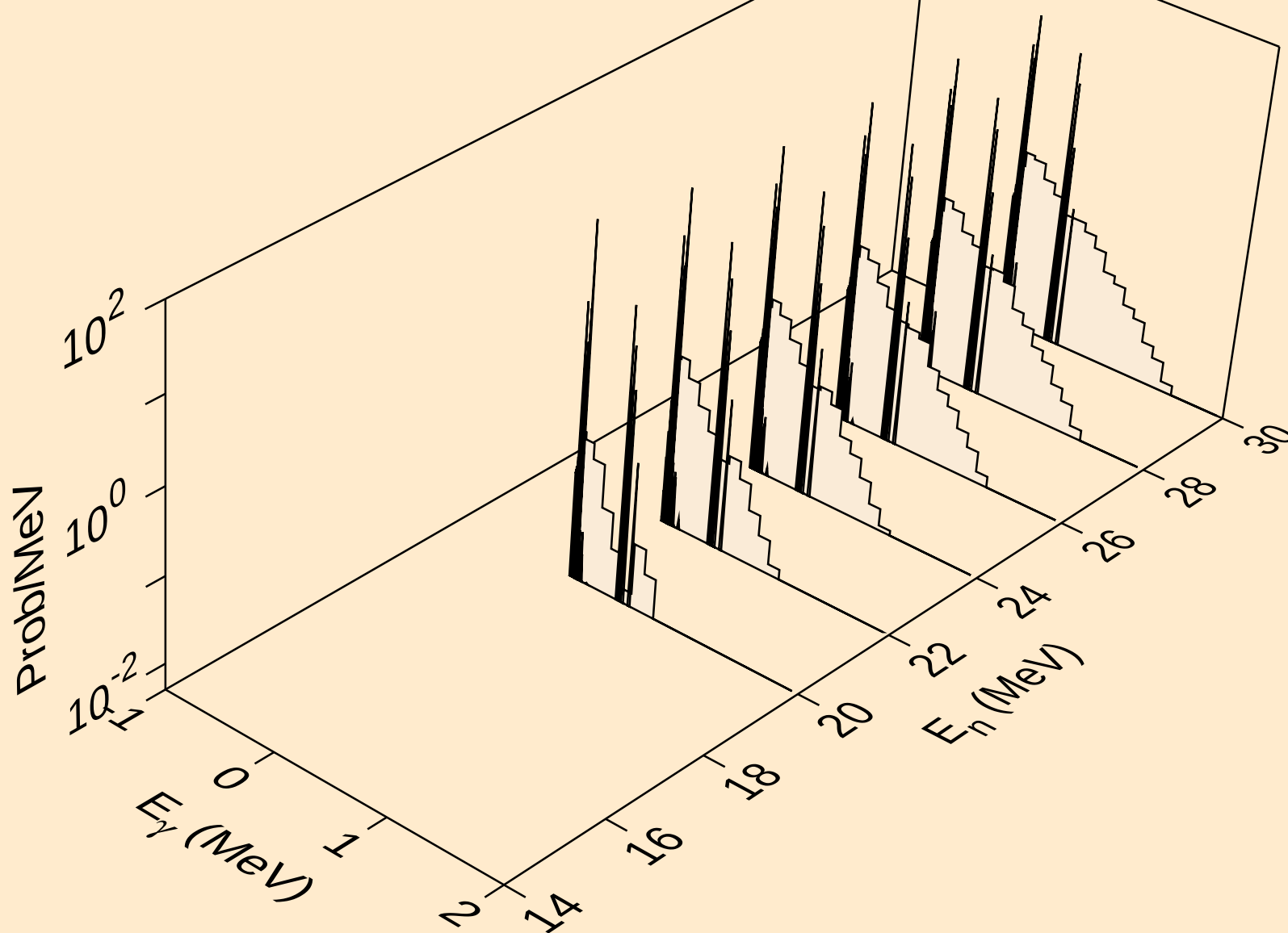
Delayed neutron spectra



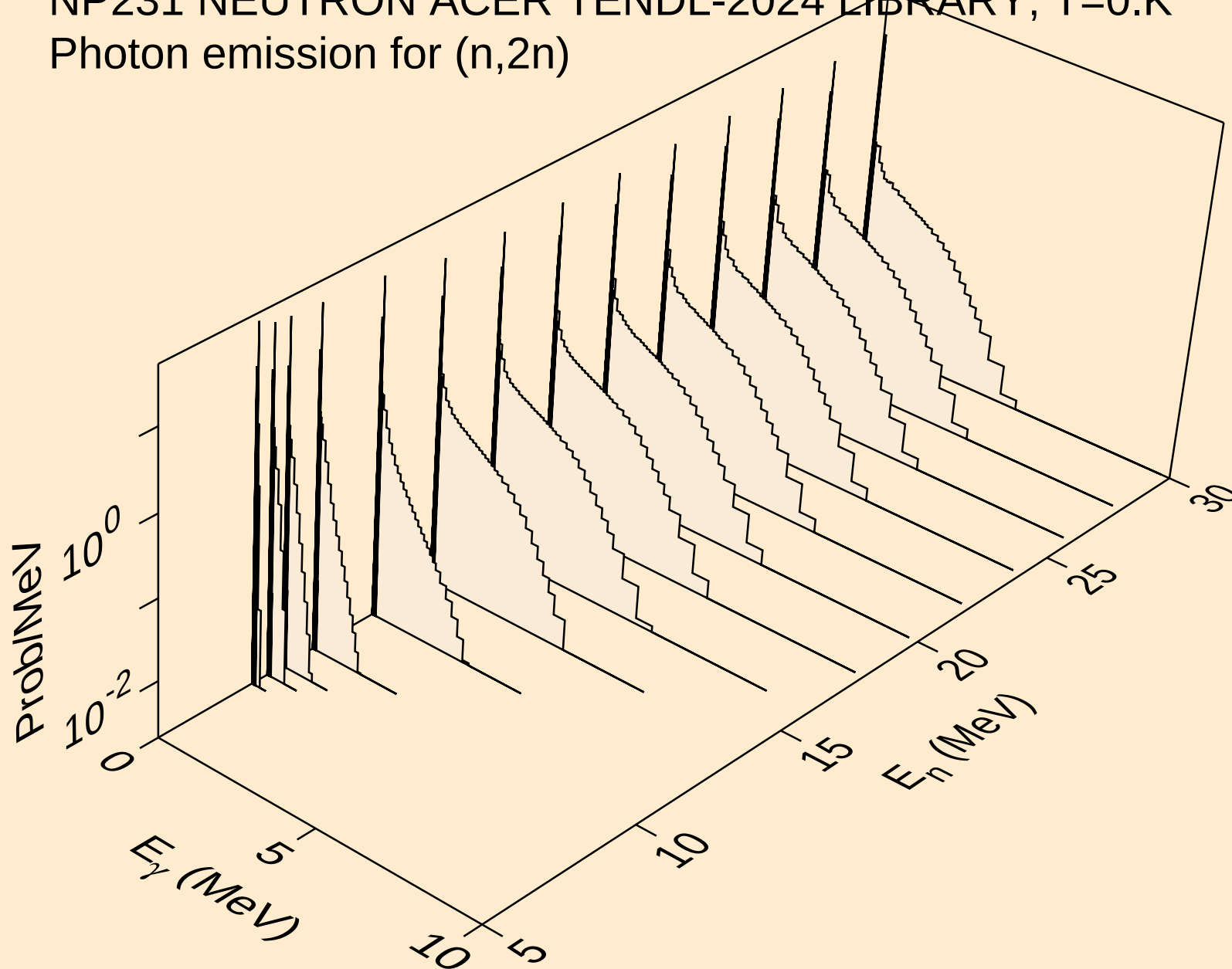
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



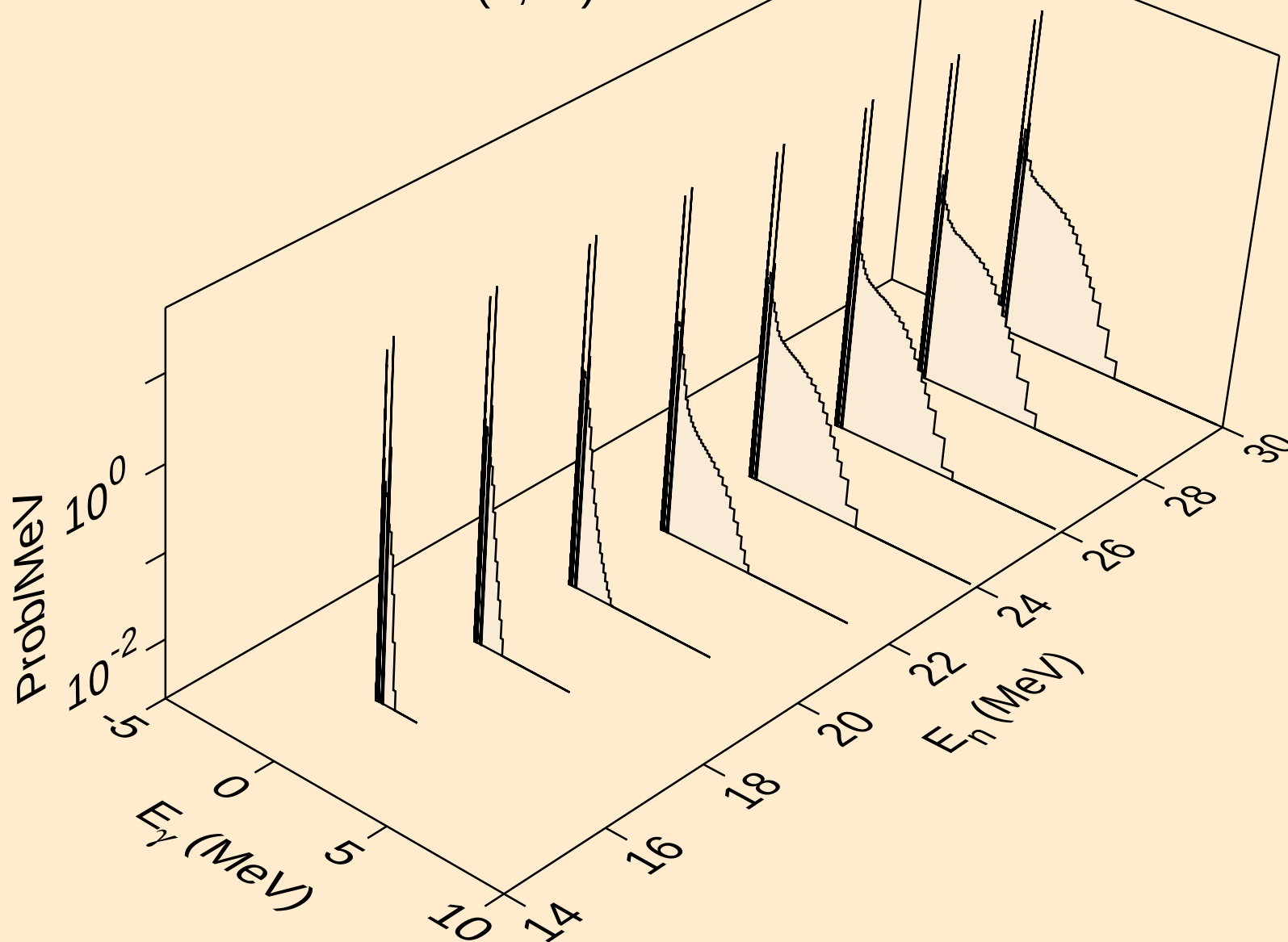
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



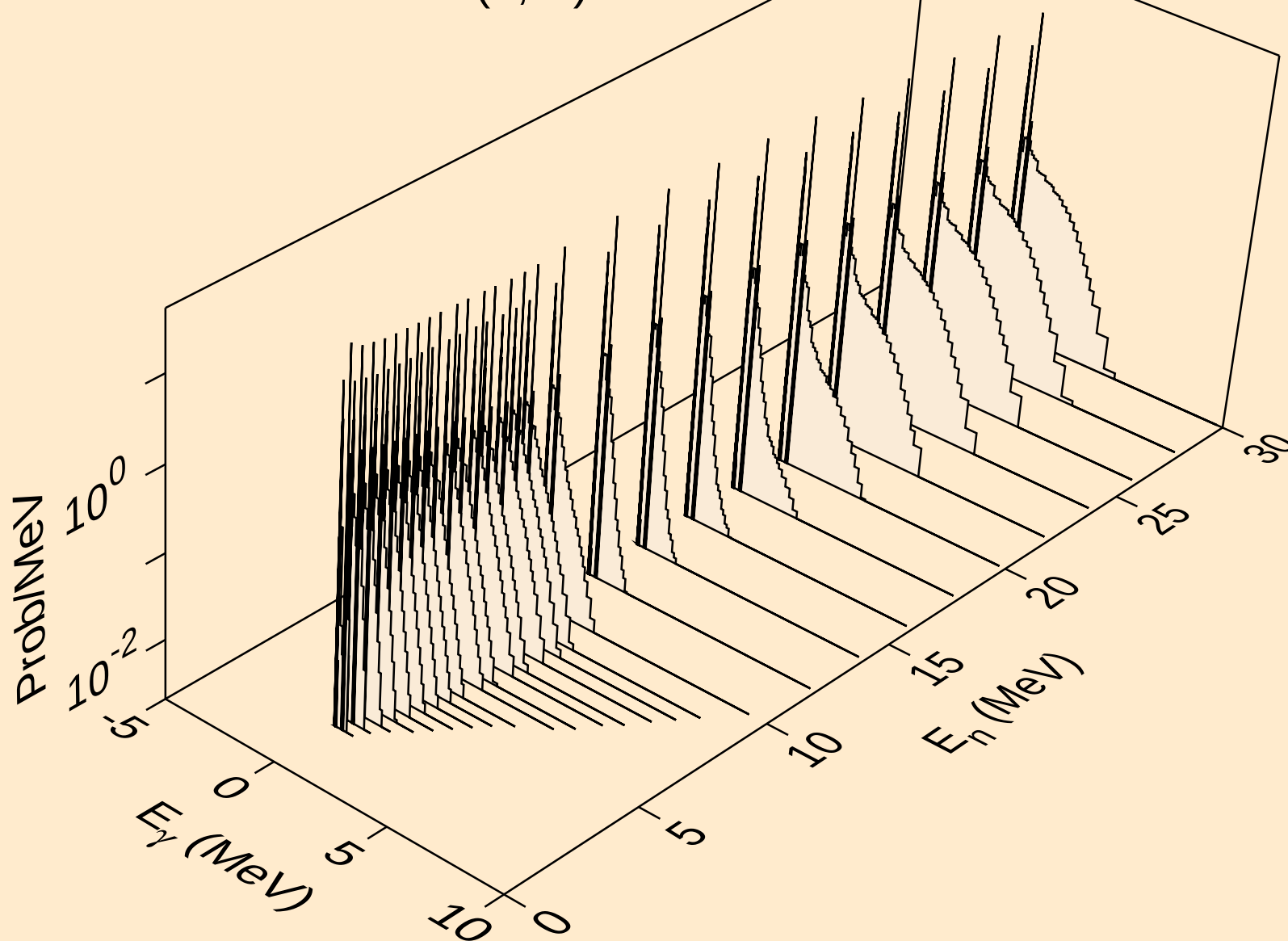
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



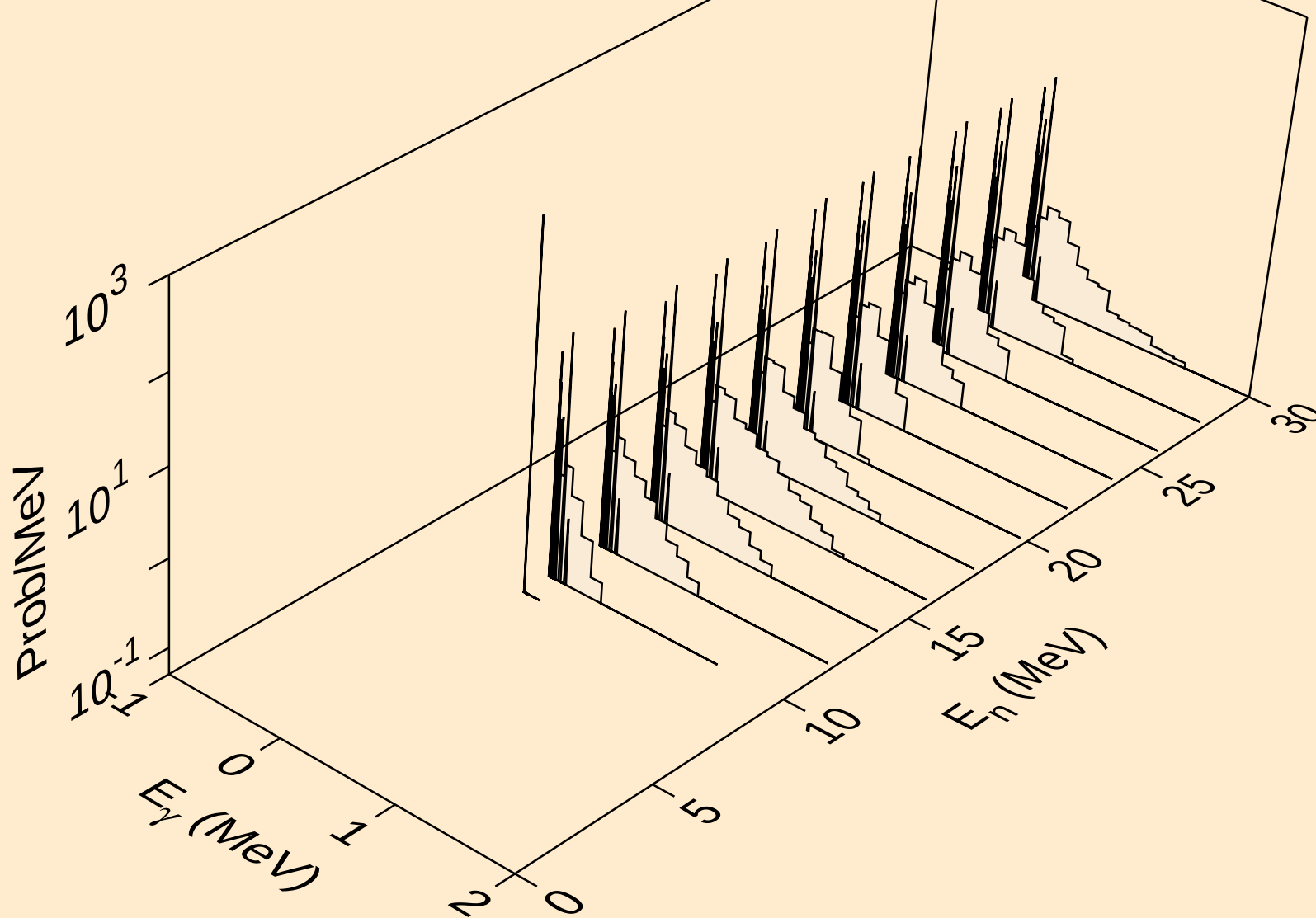
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a

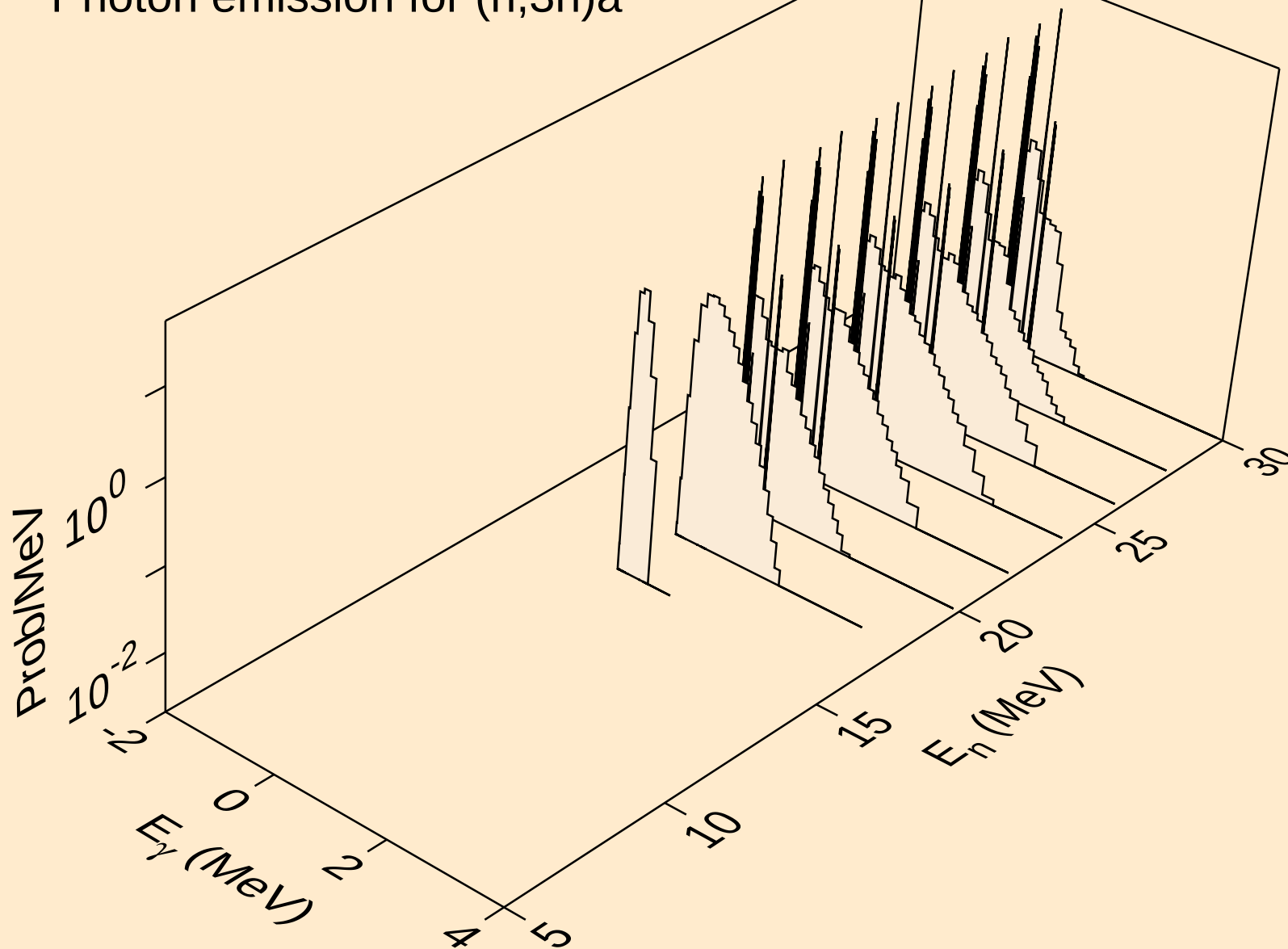


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a

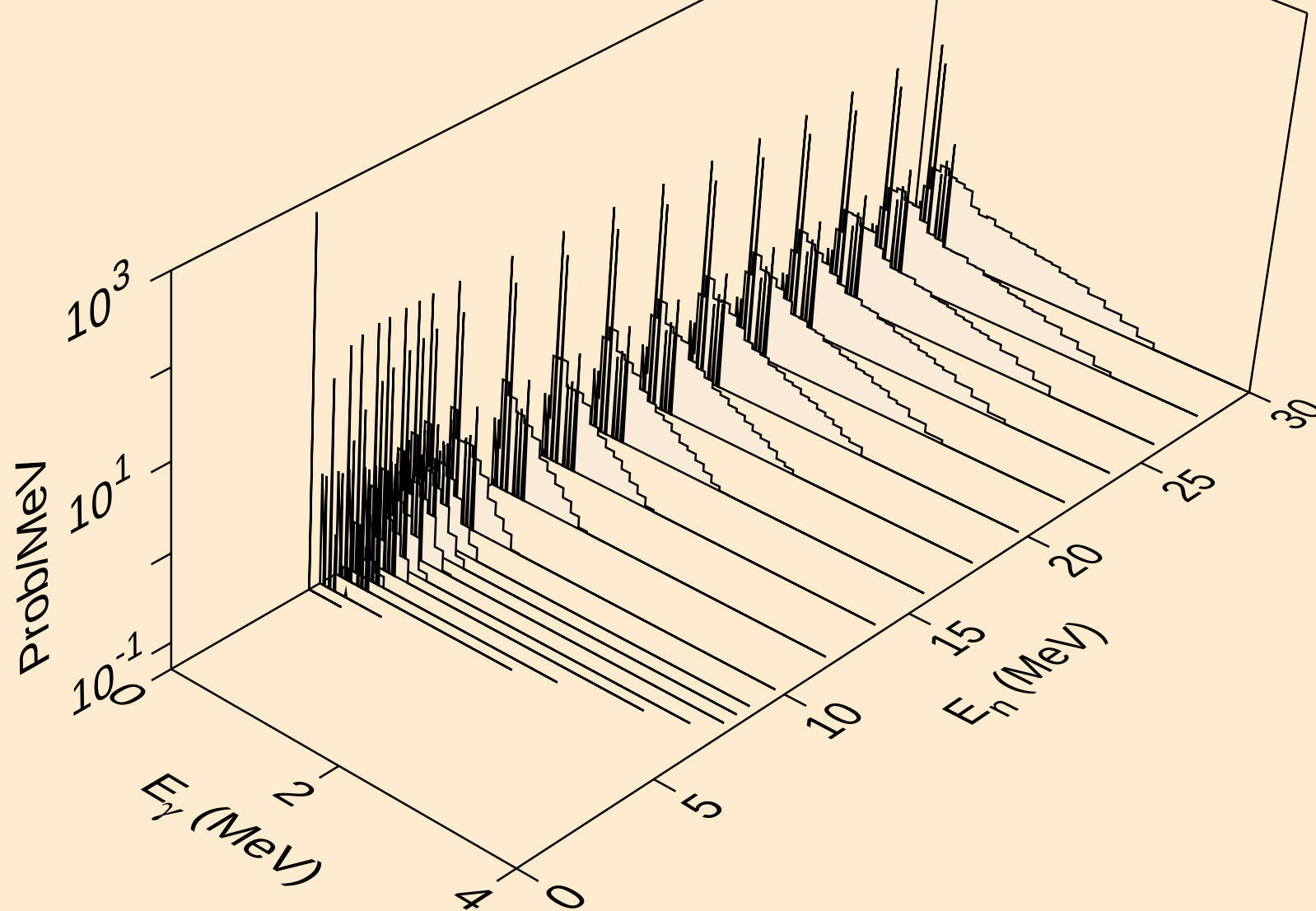


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

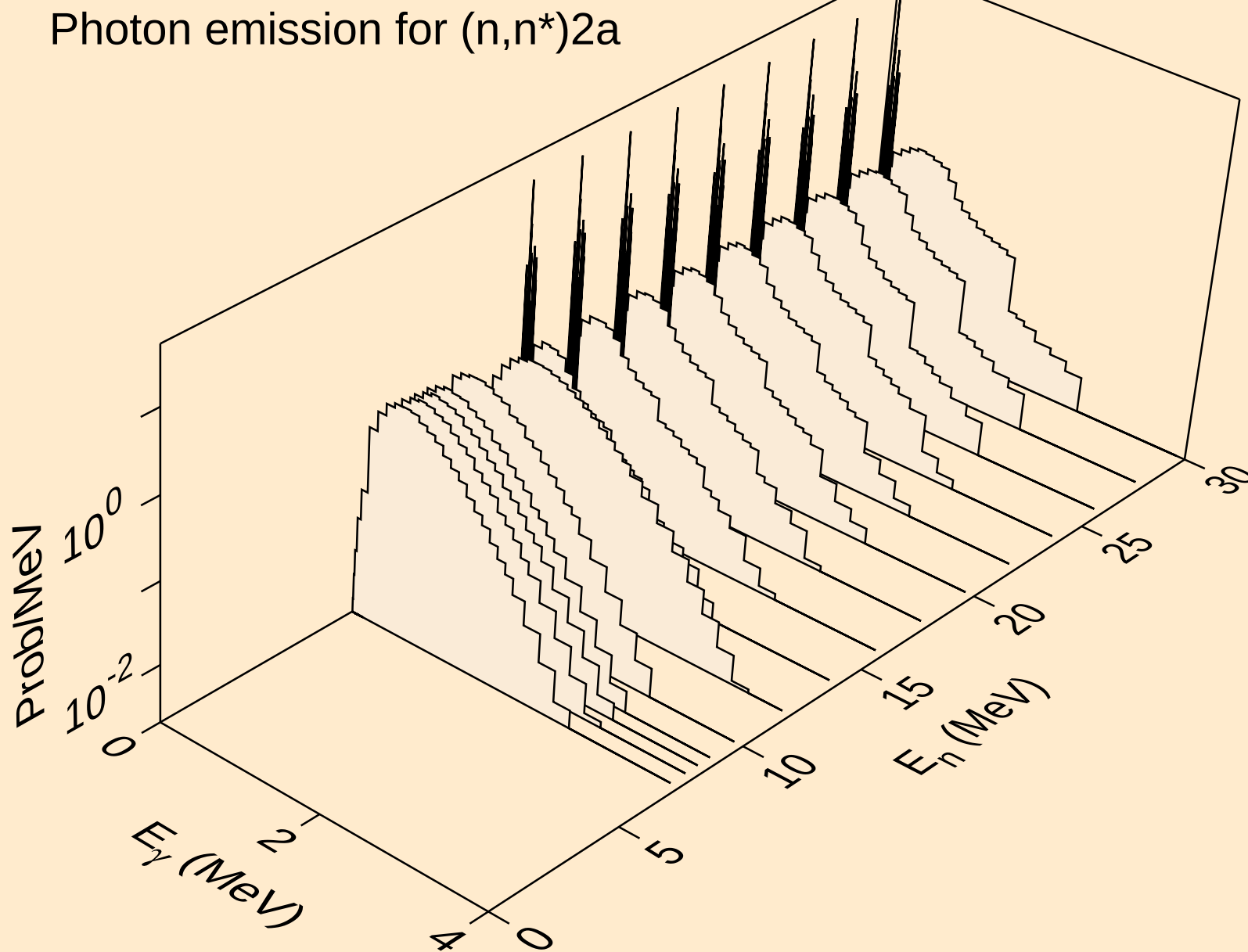
Photon emission for (n,3n) α



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p

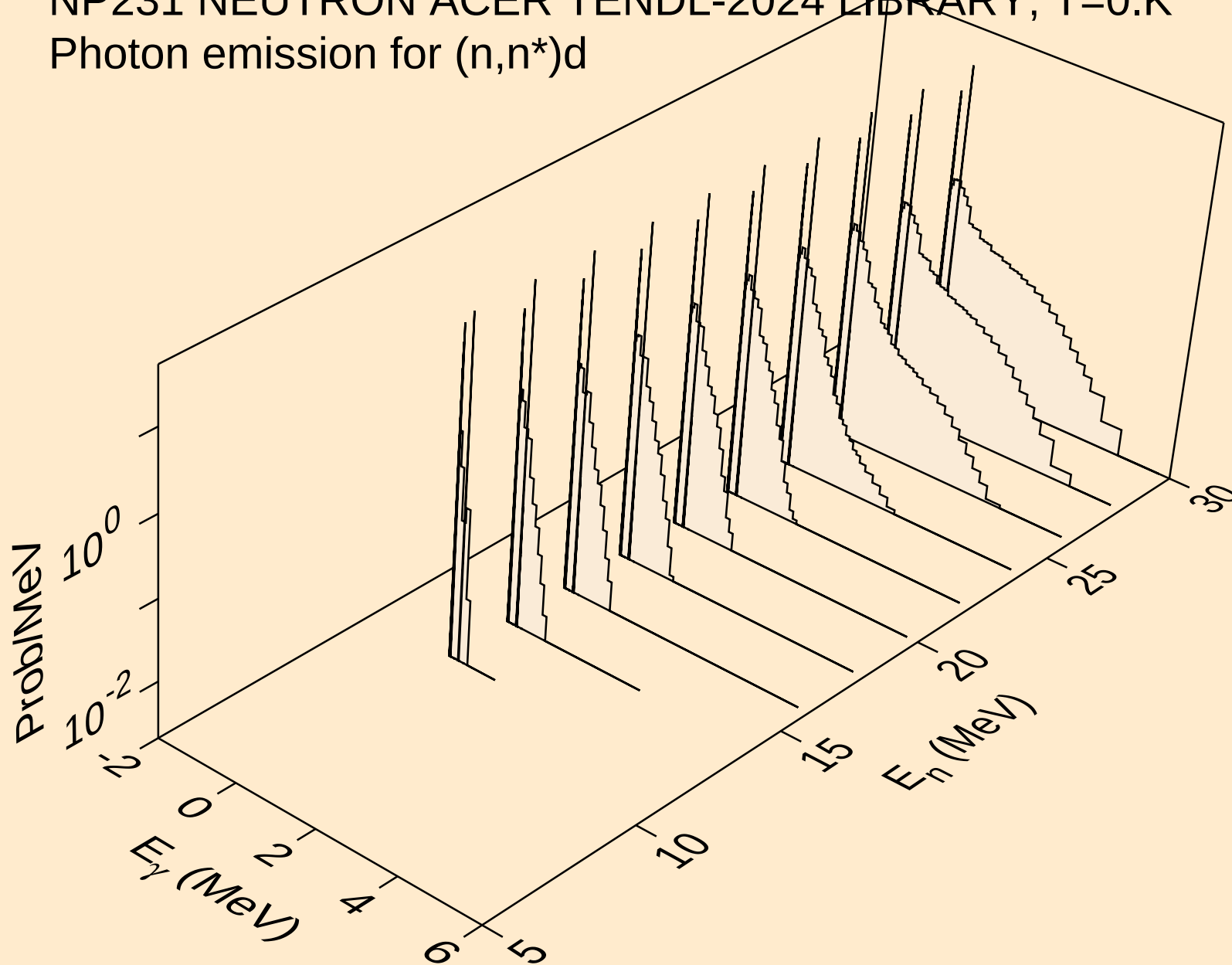


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a

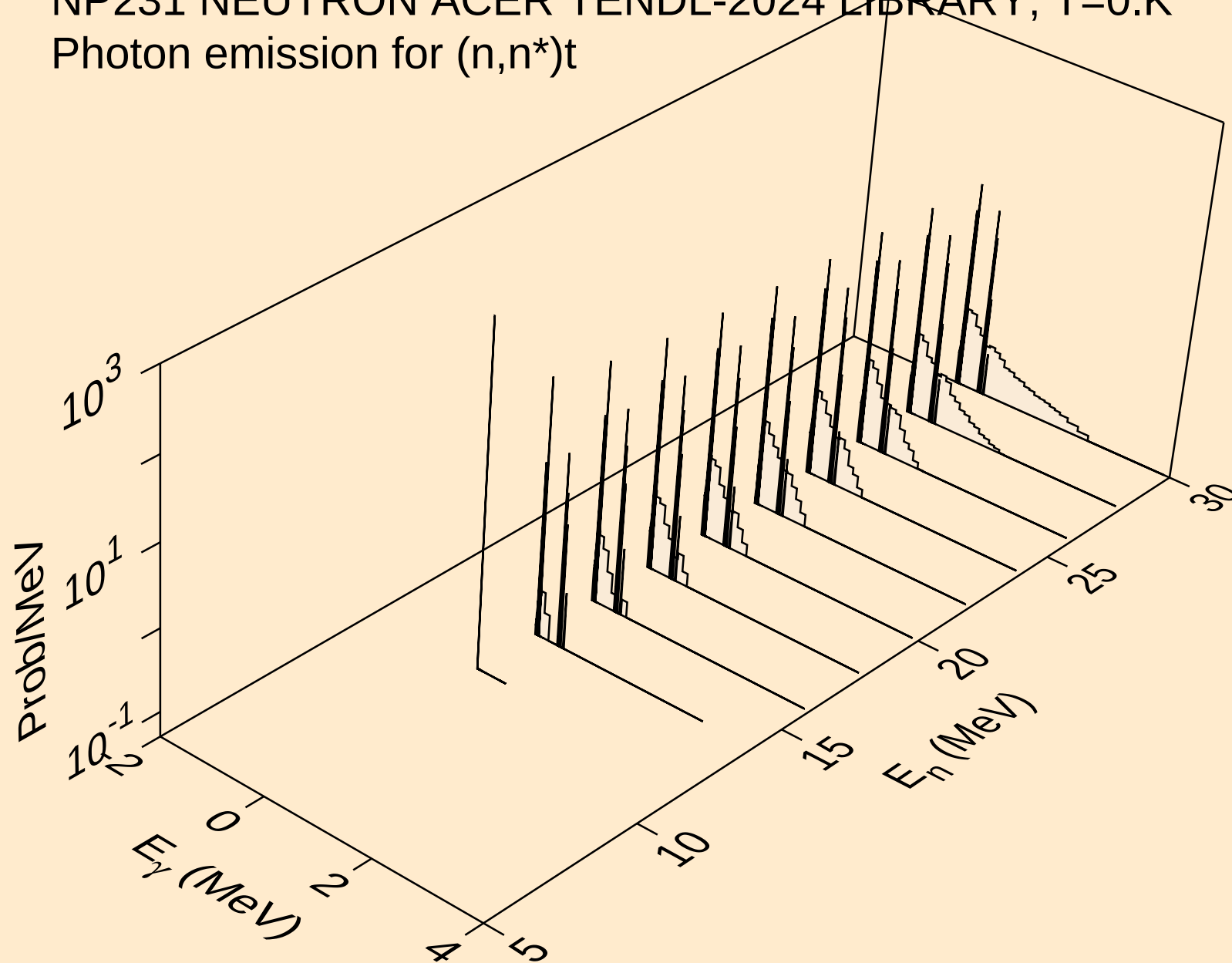


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

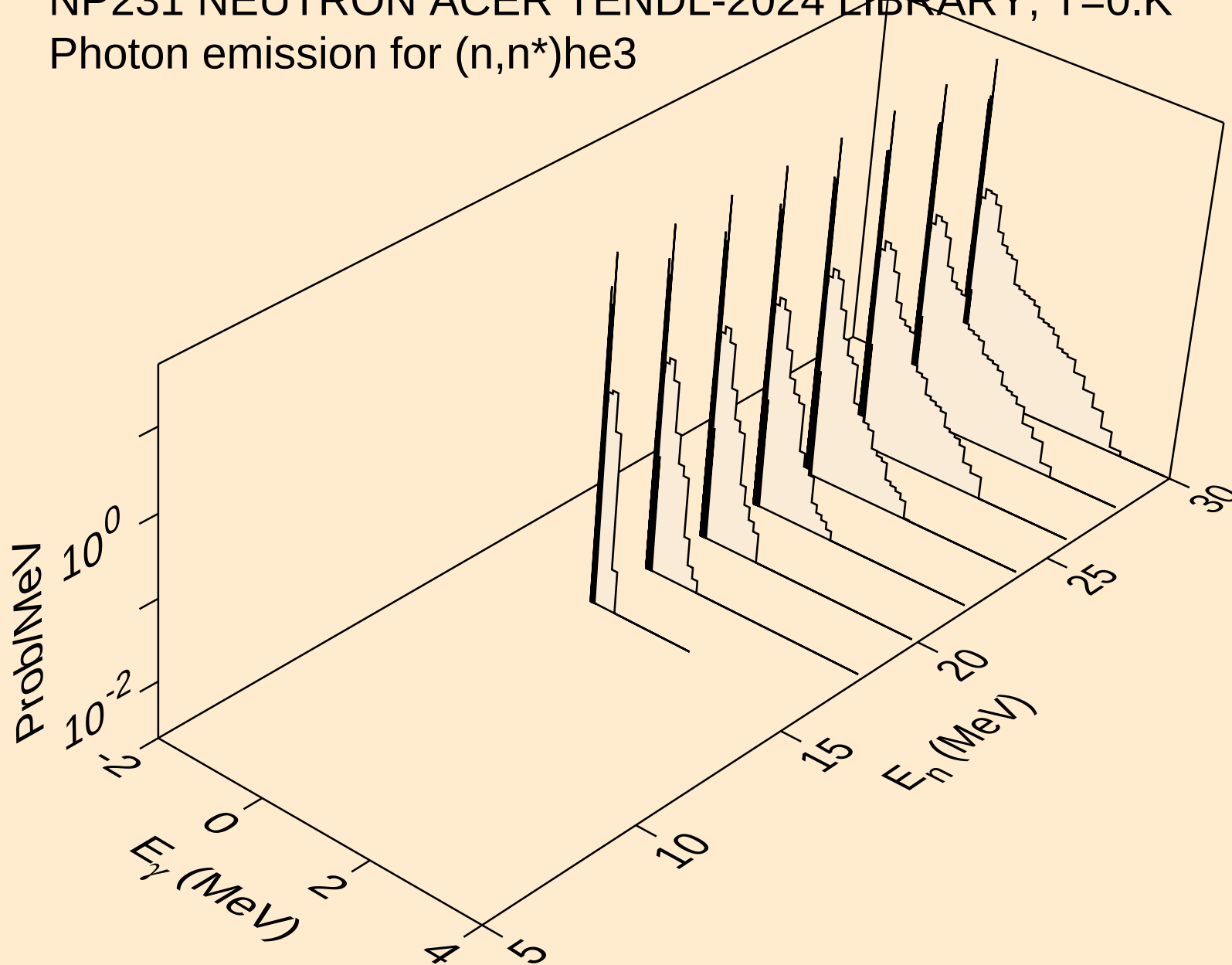
Photon emission for (n,n*)d



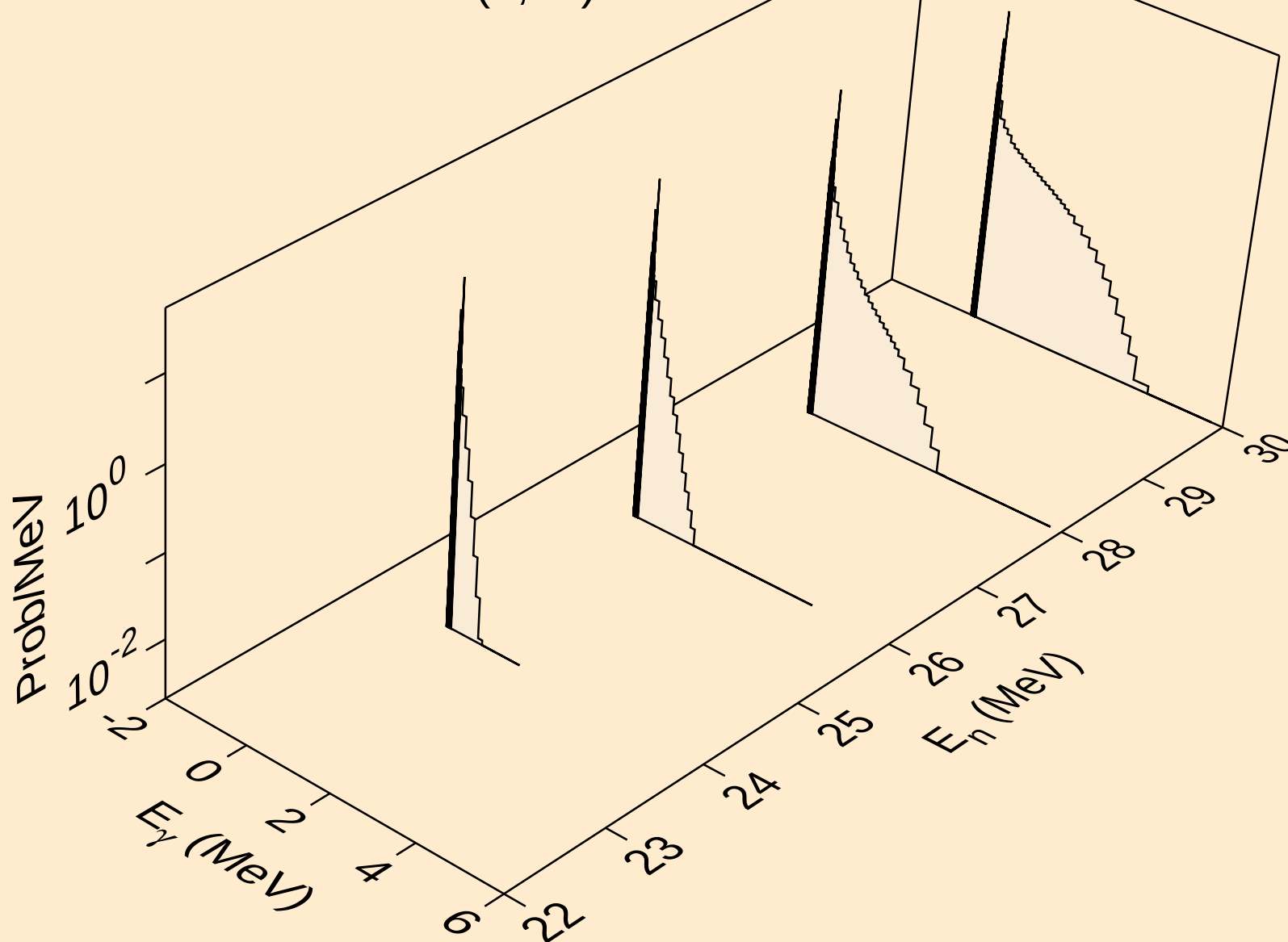
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



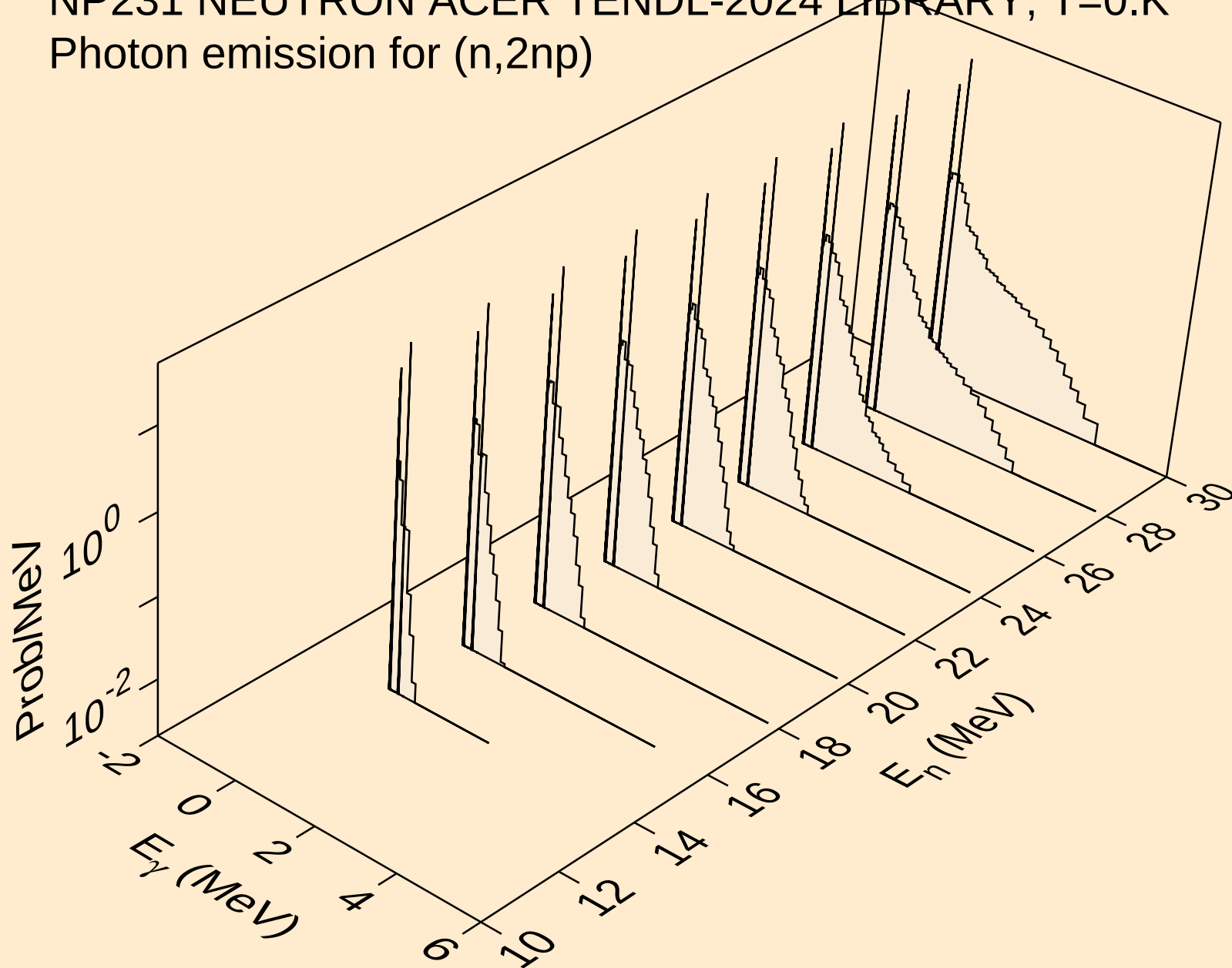
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



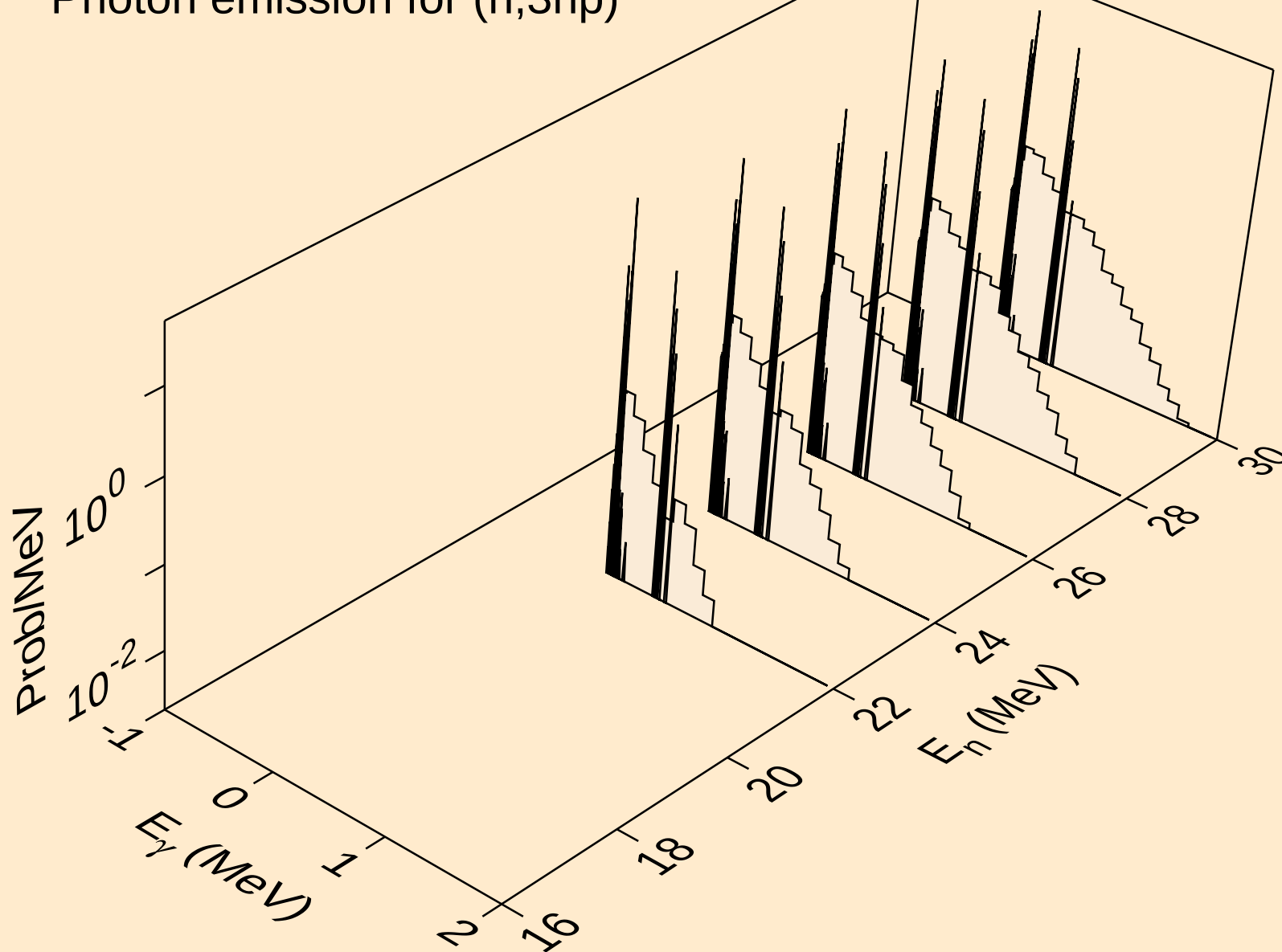
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



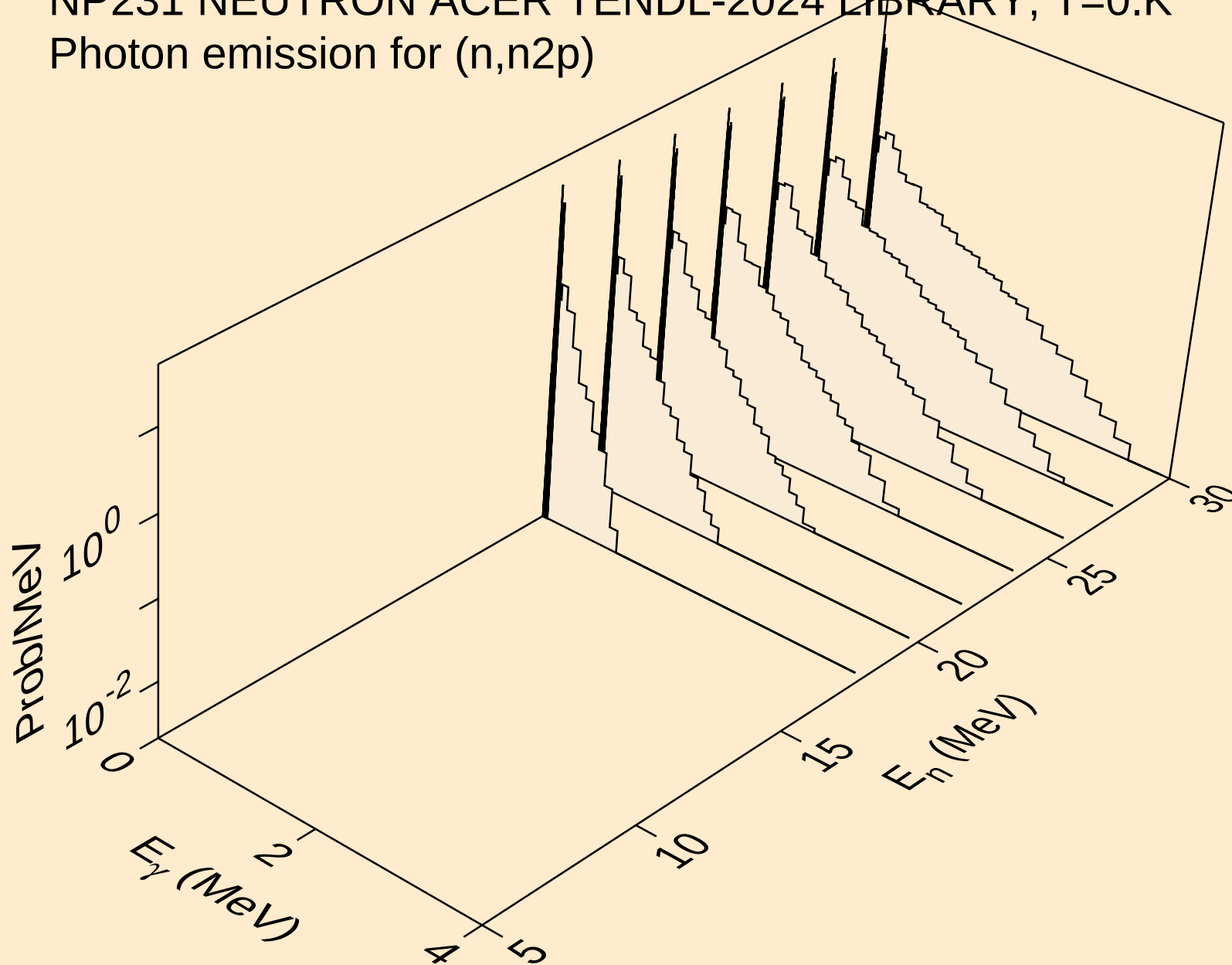
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



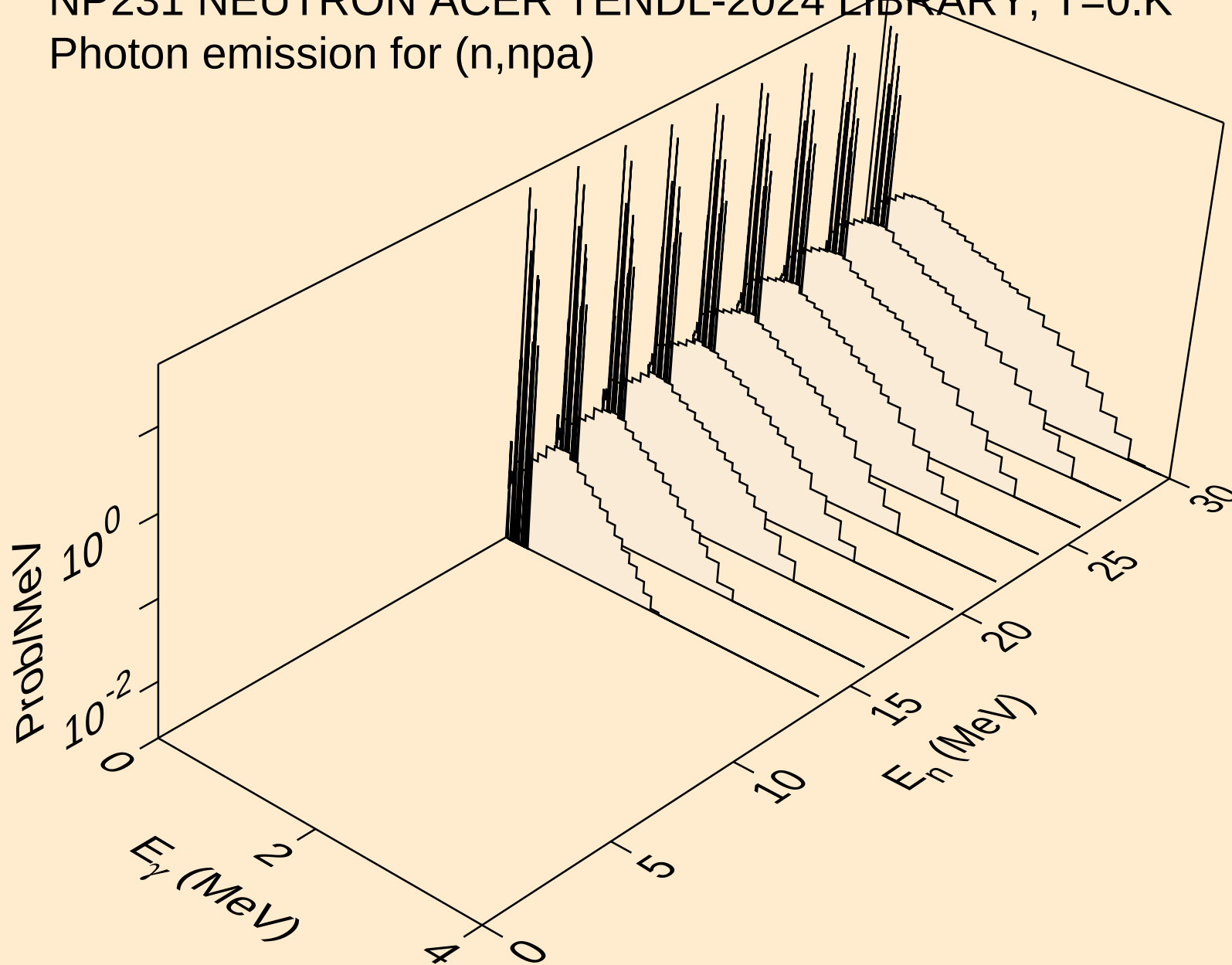
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Photon emission for (n,3np)



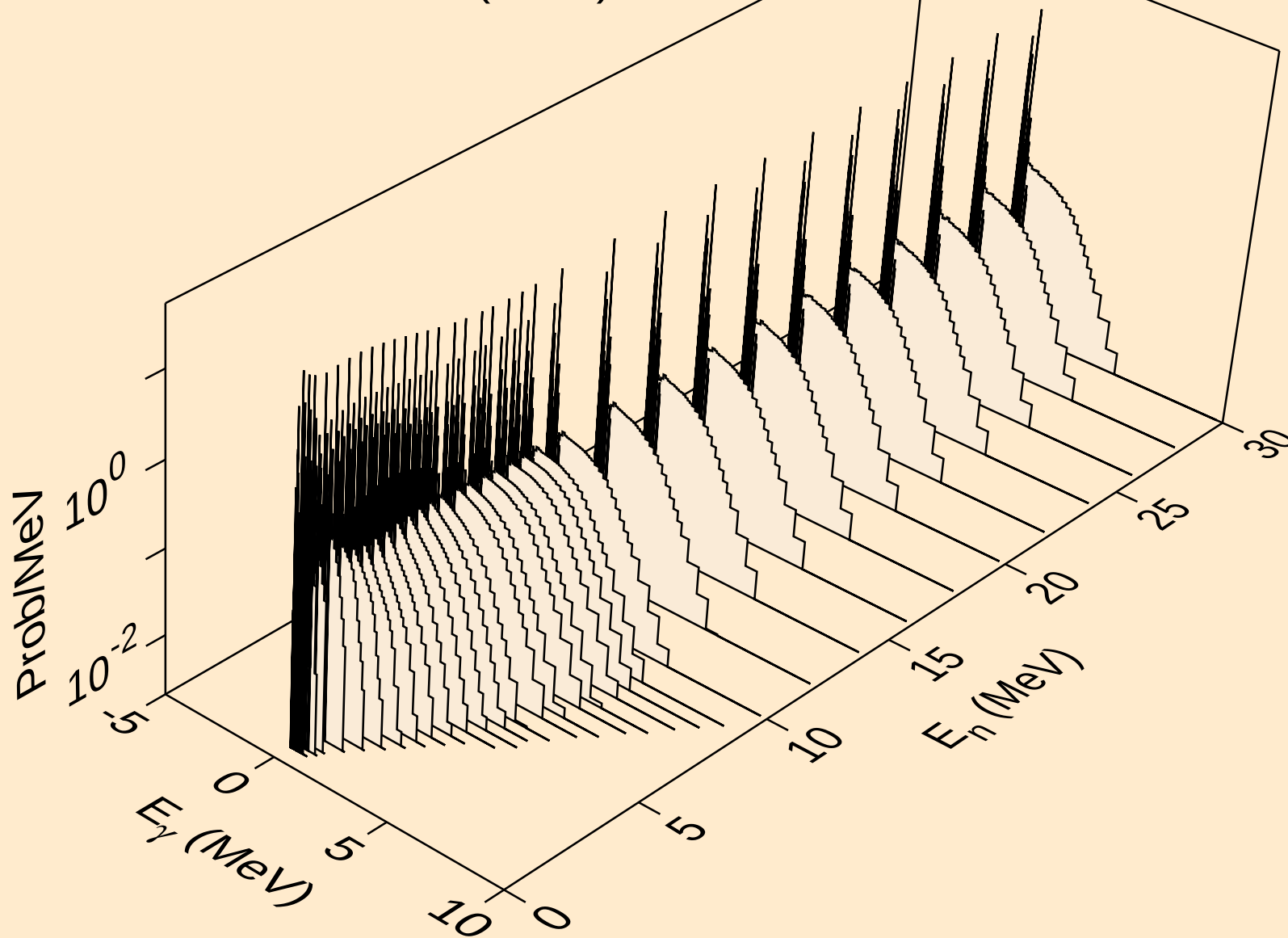
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



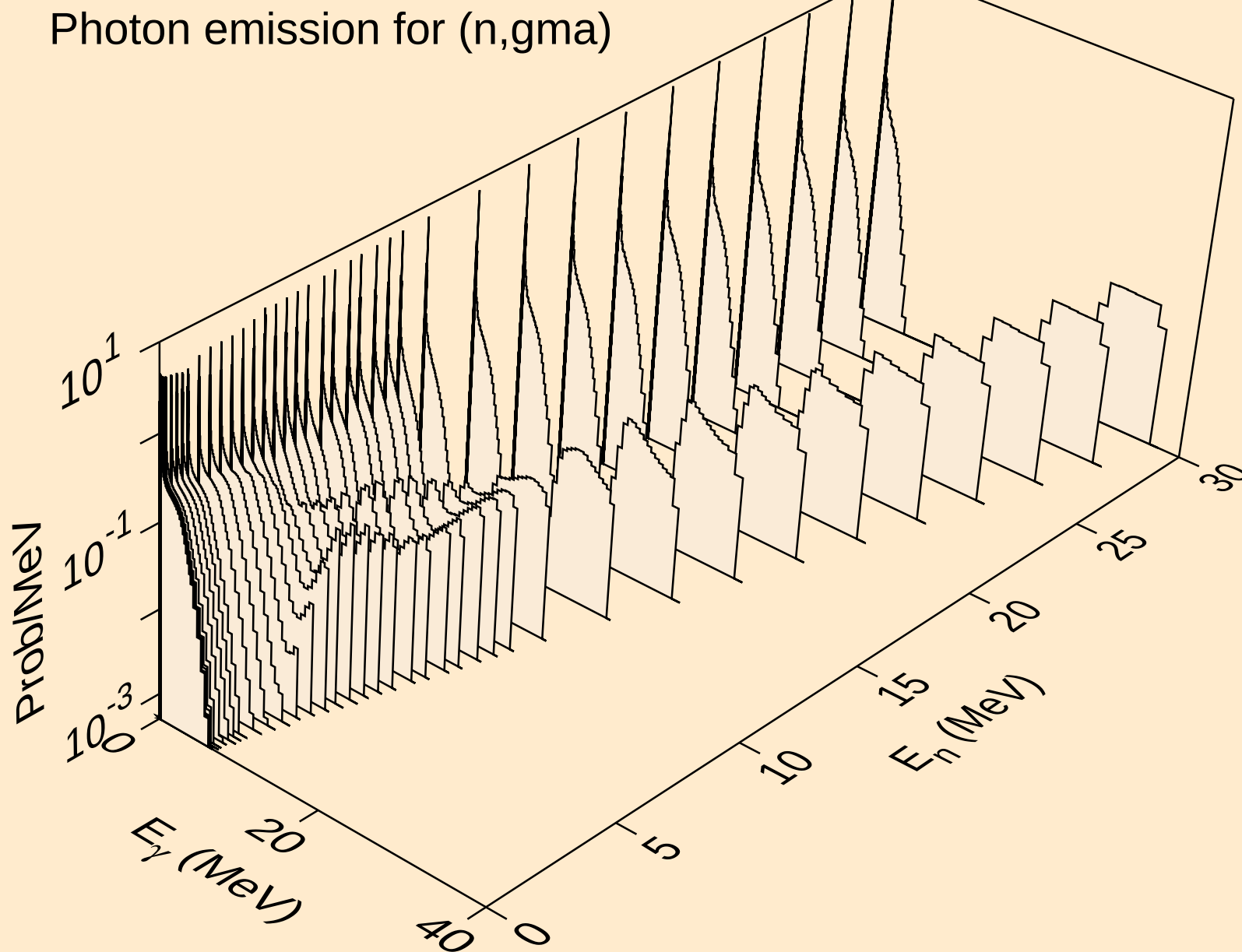
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



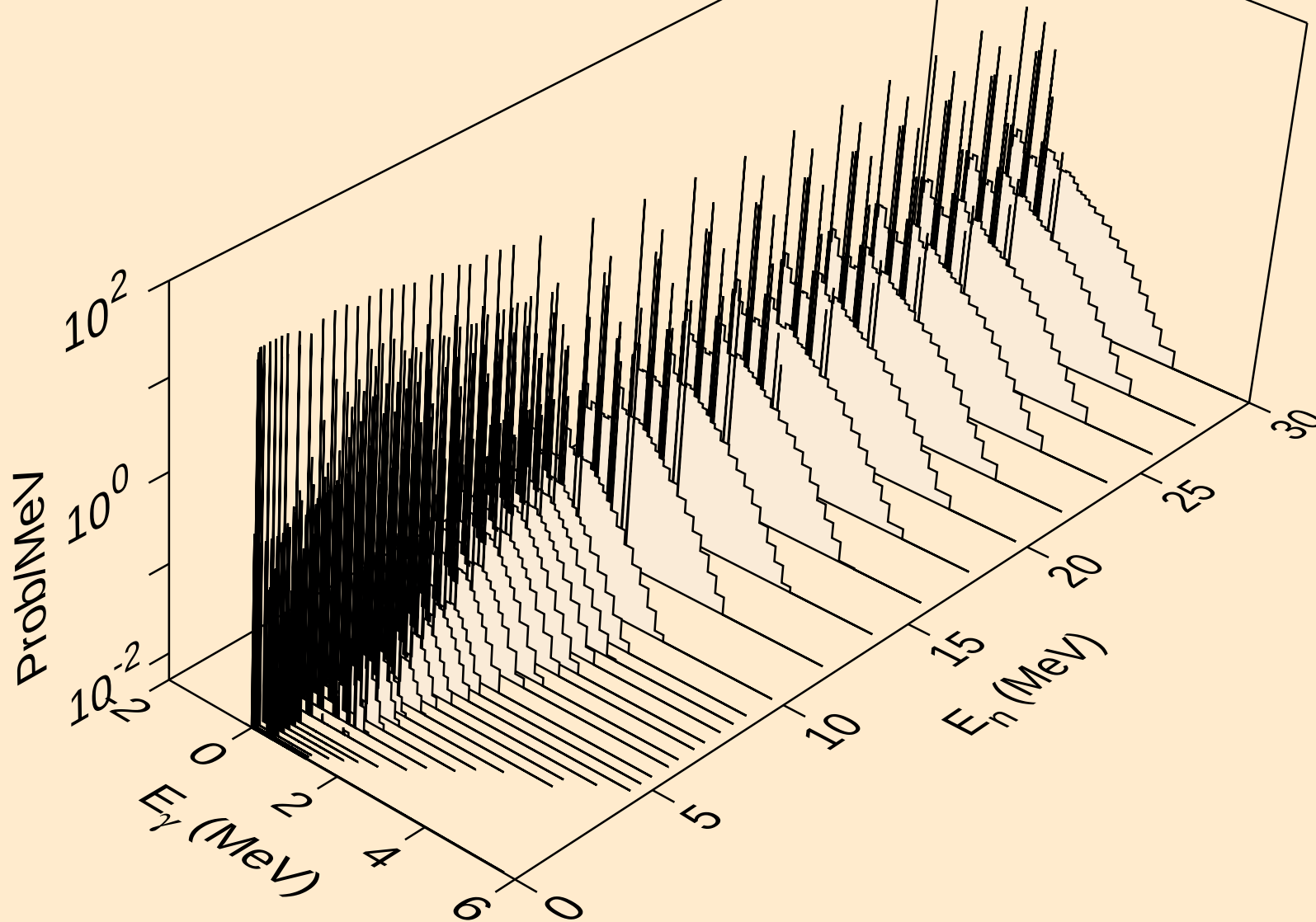
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



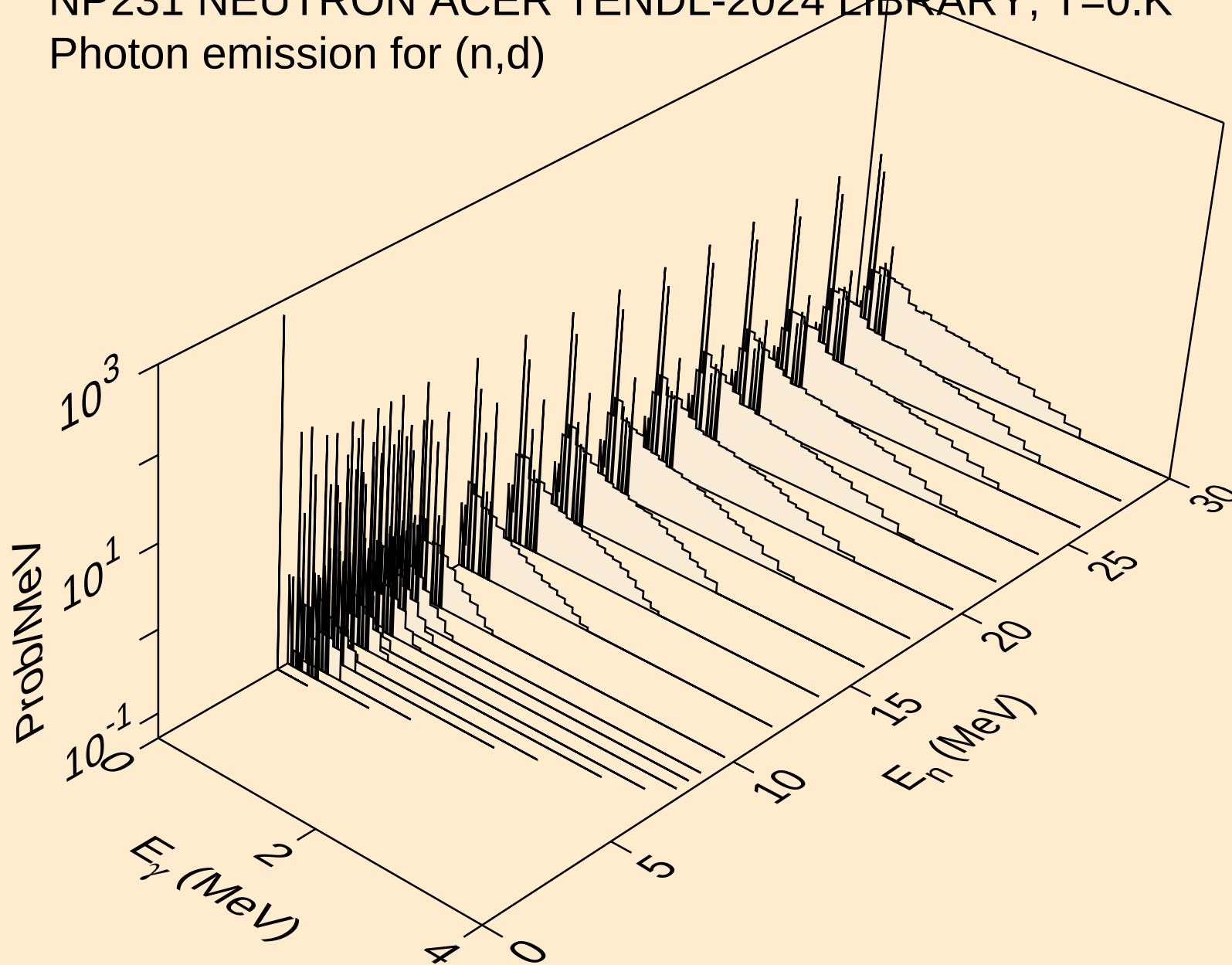
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



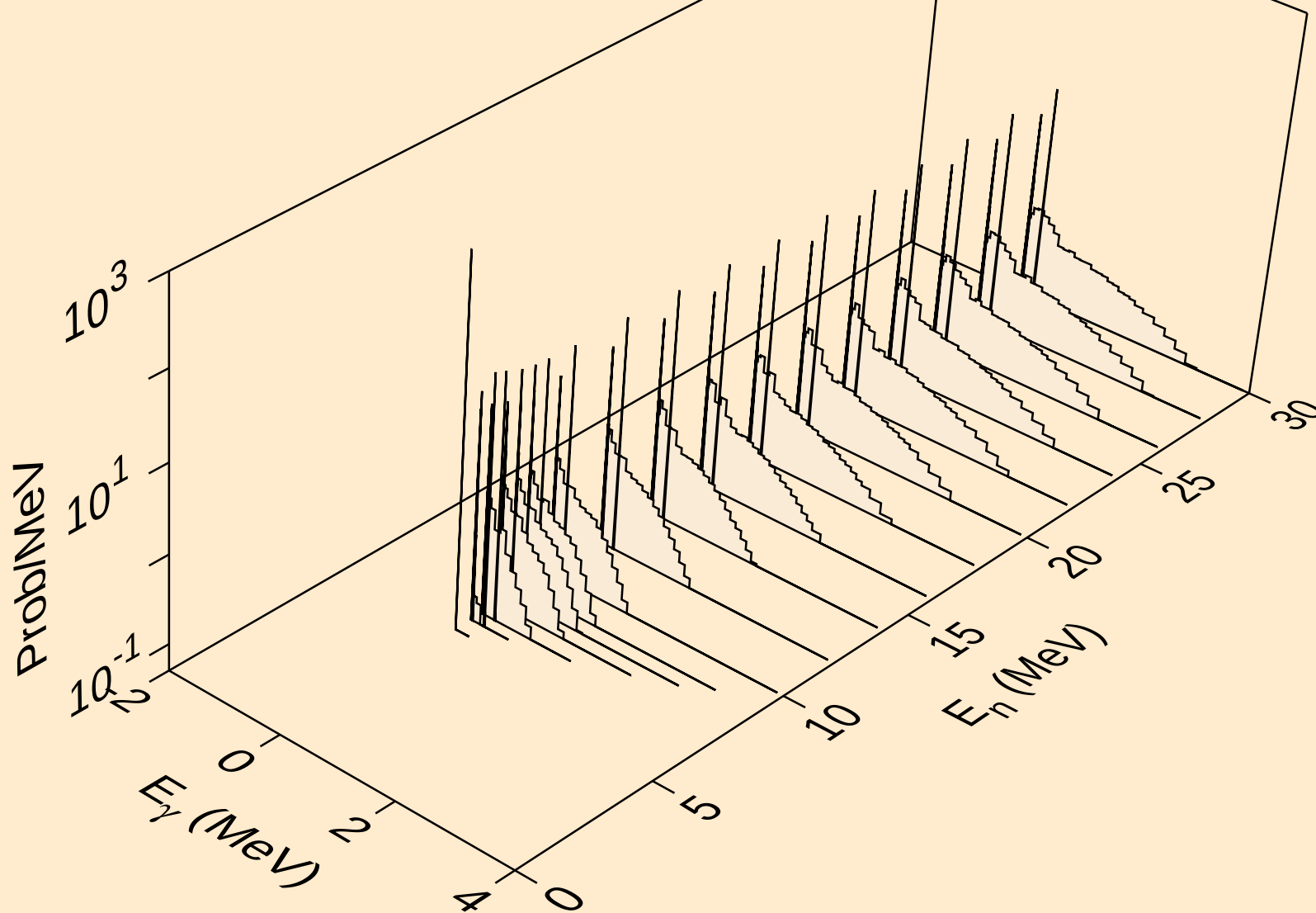
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



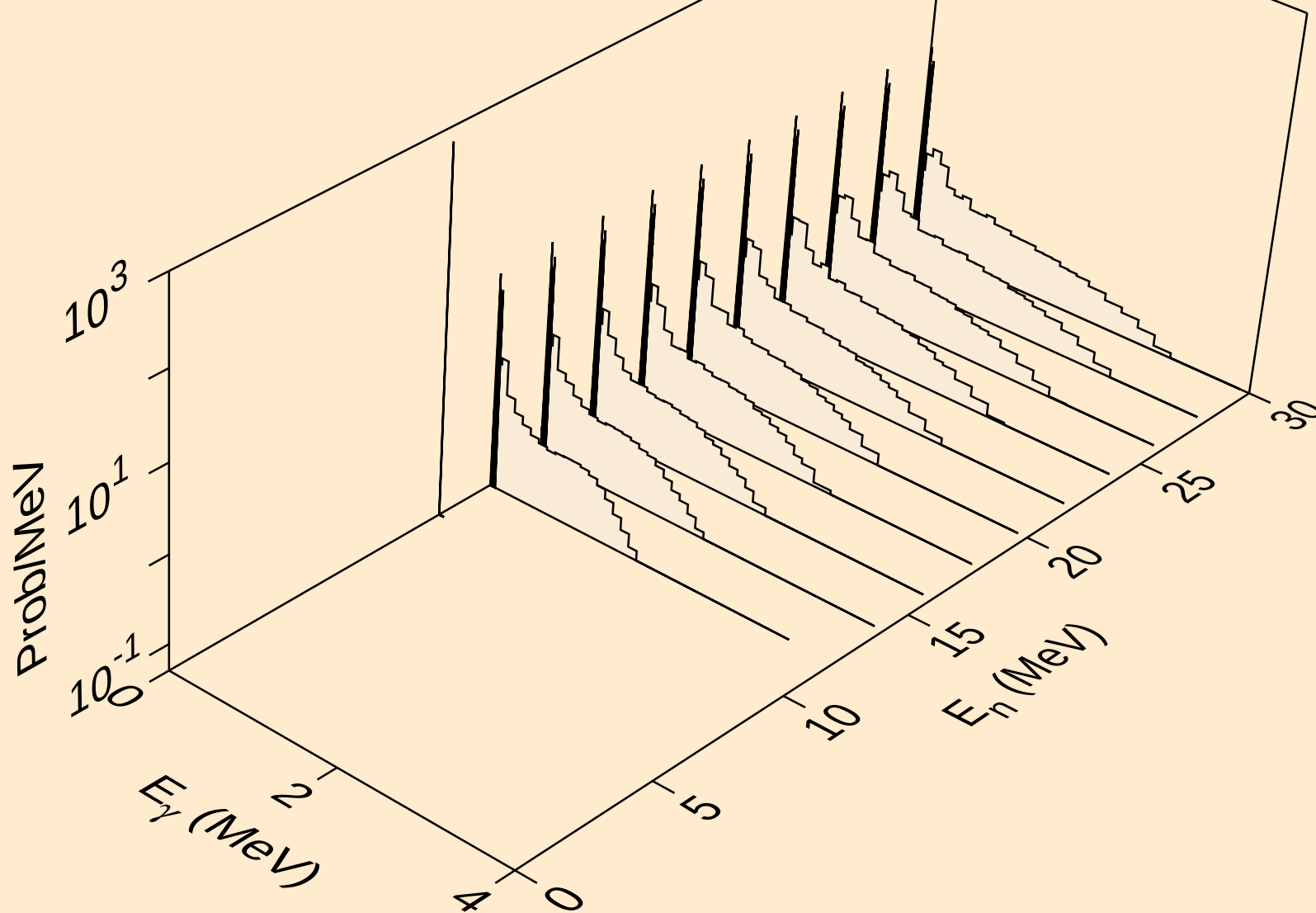
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



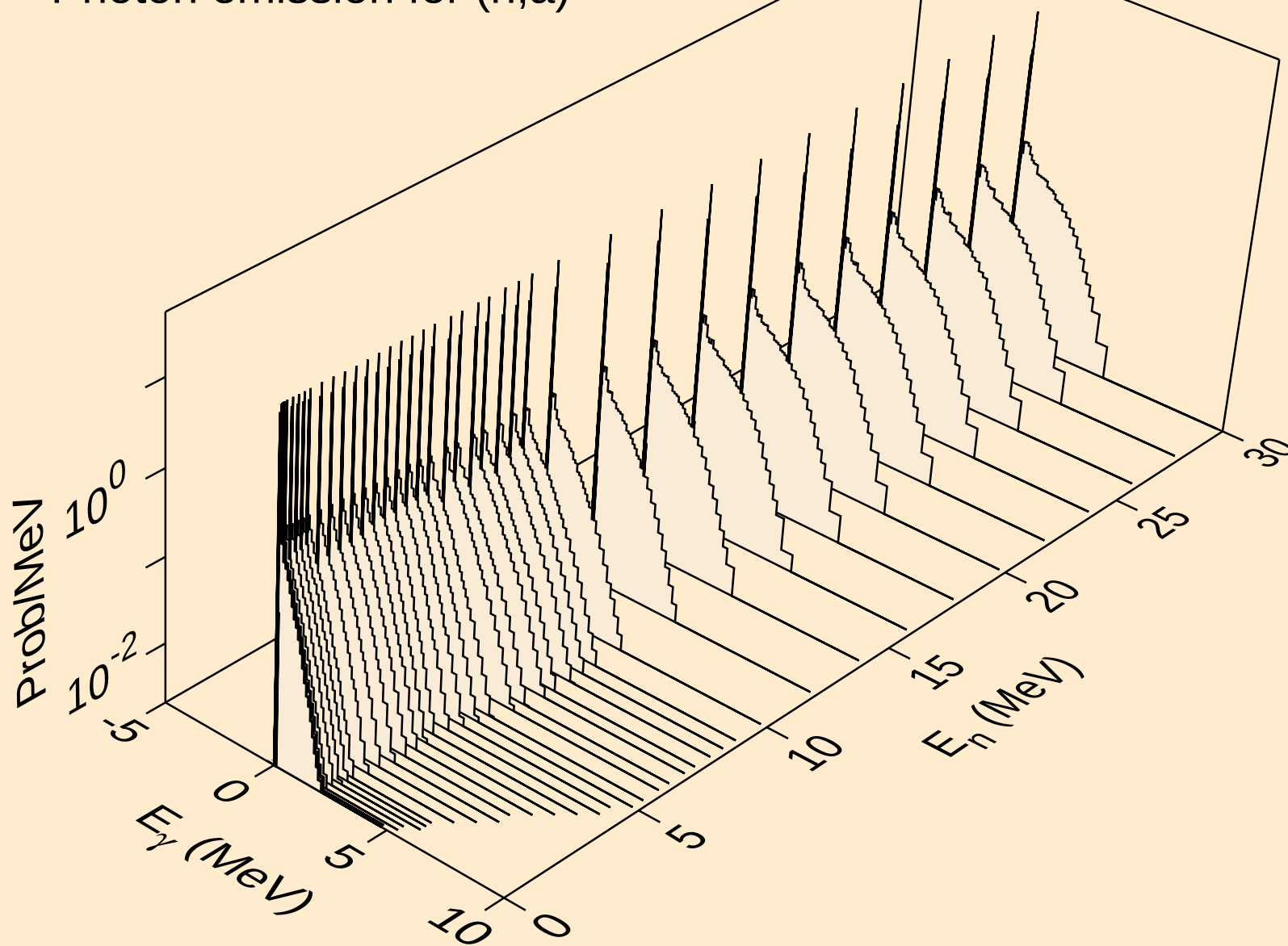
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



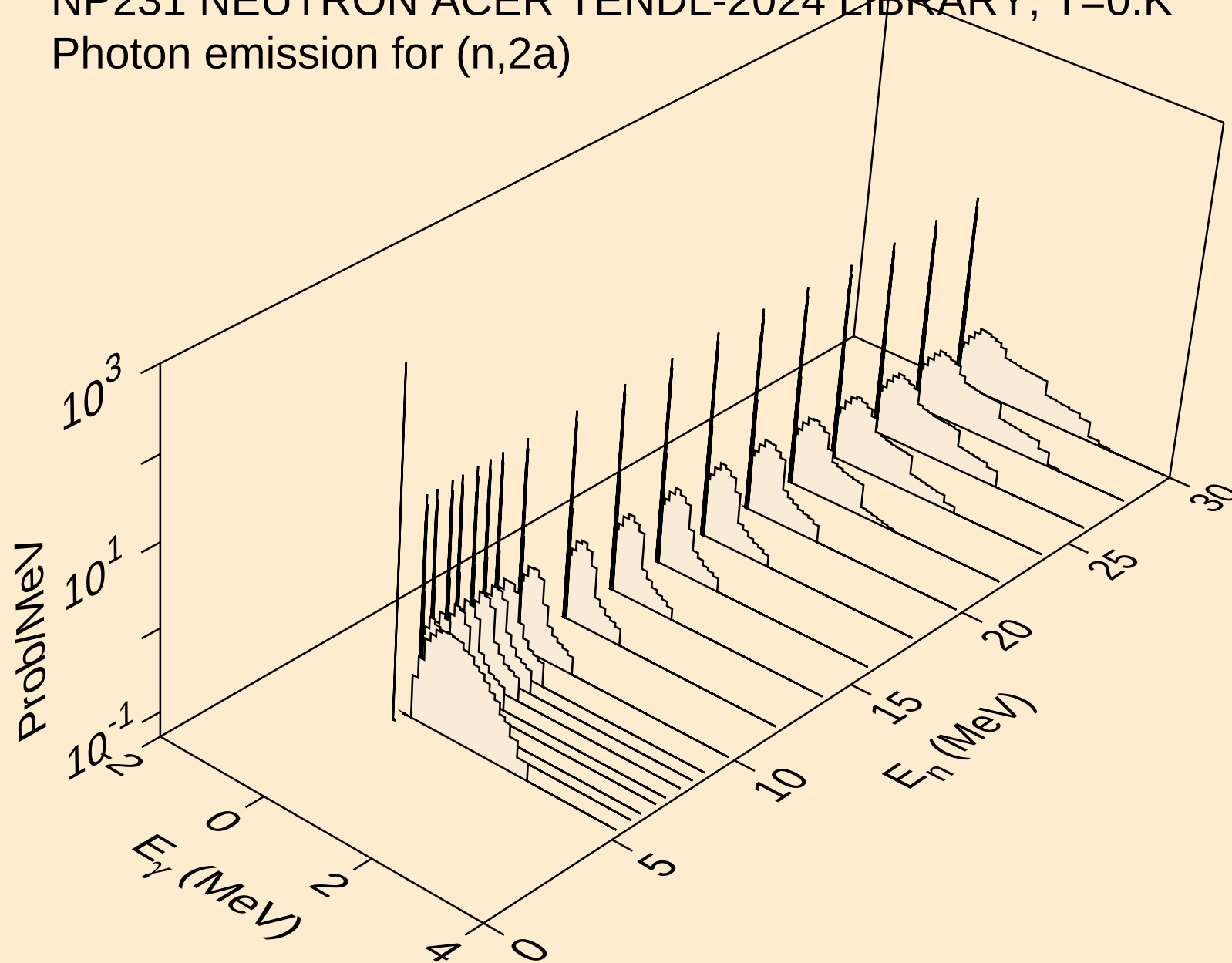
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



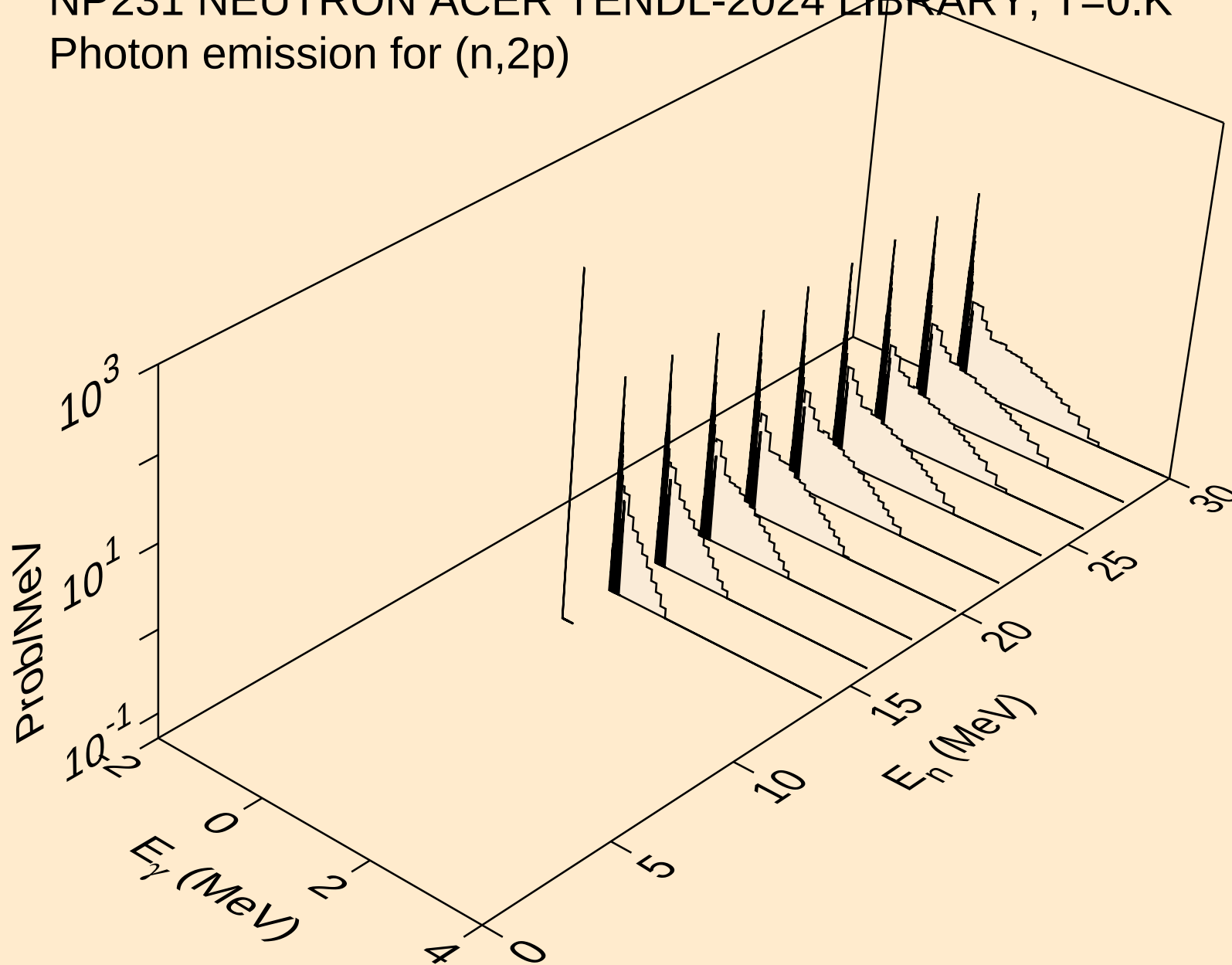
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



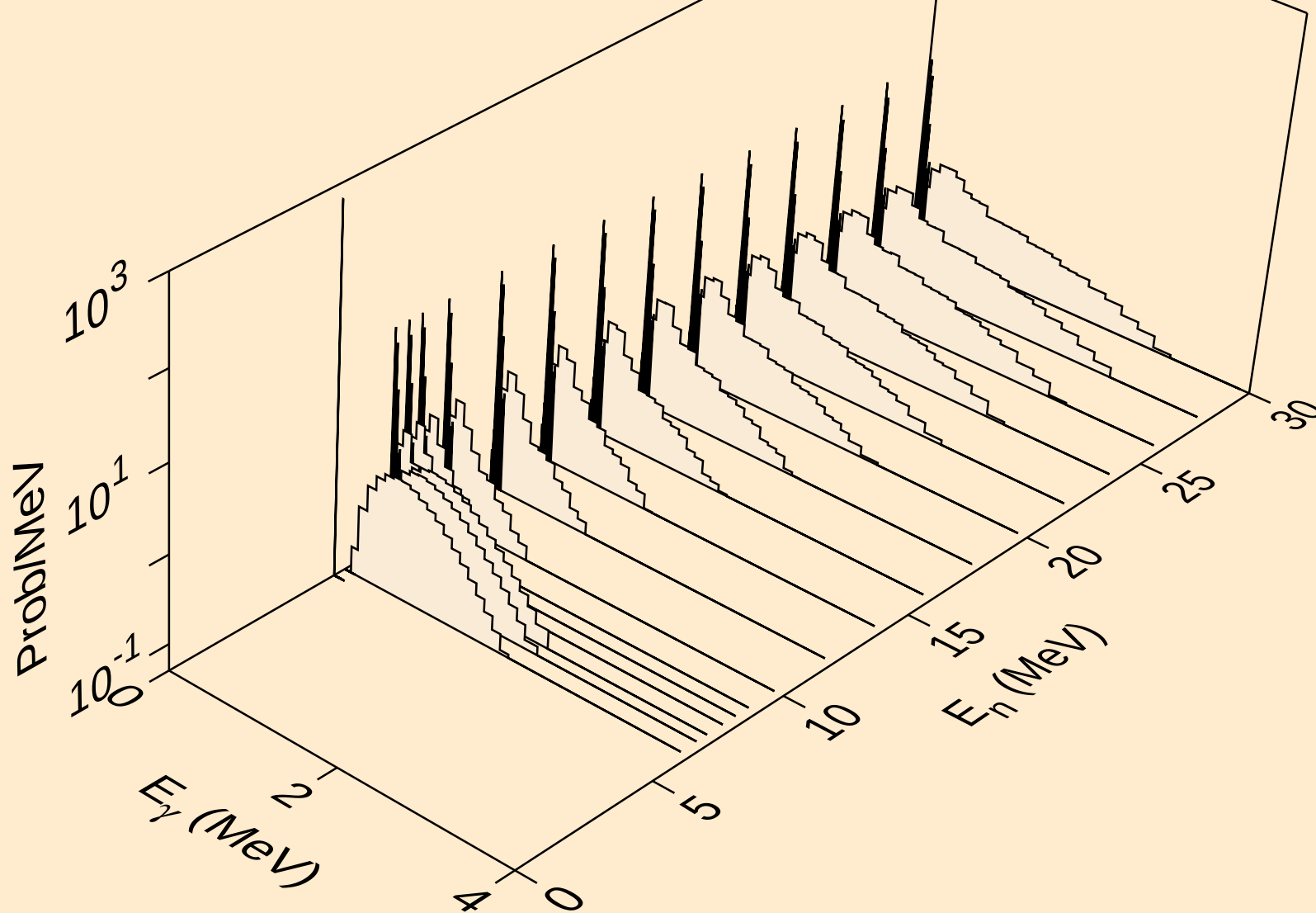
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



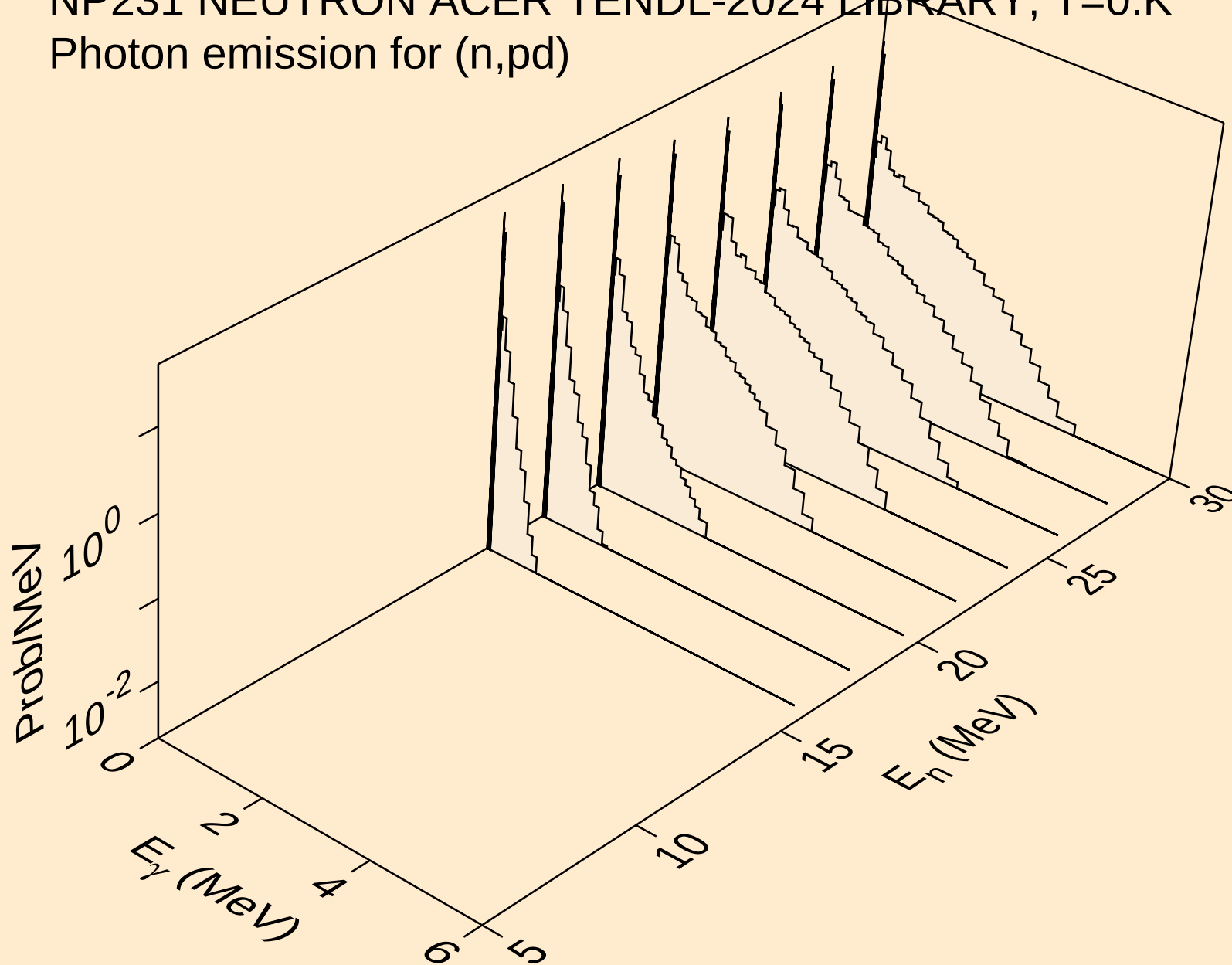
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)

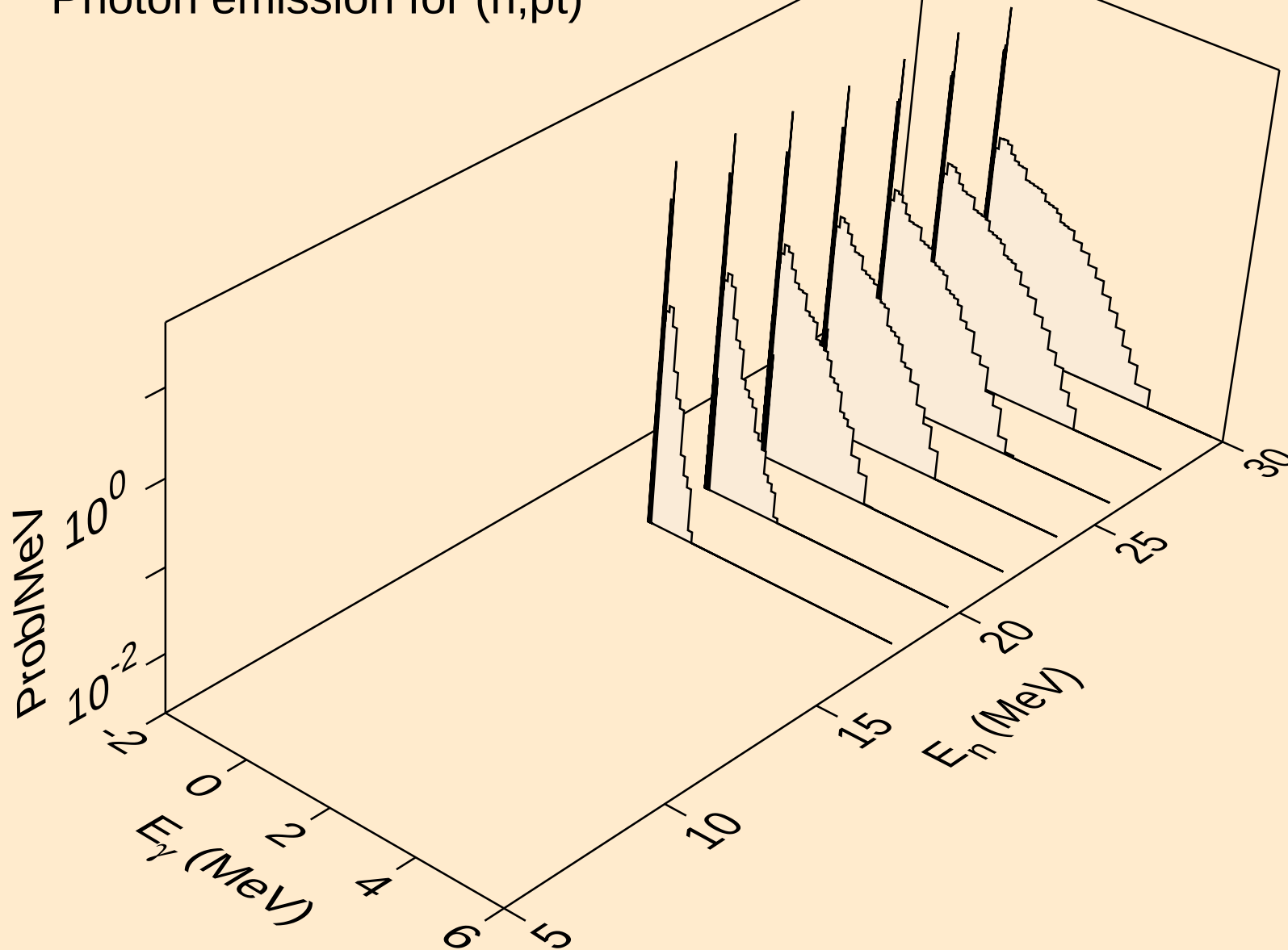


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

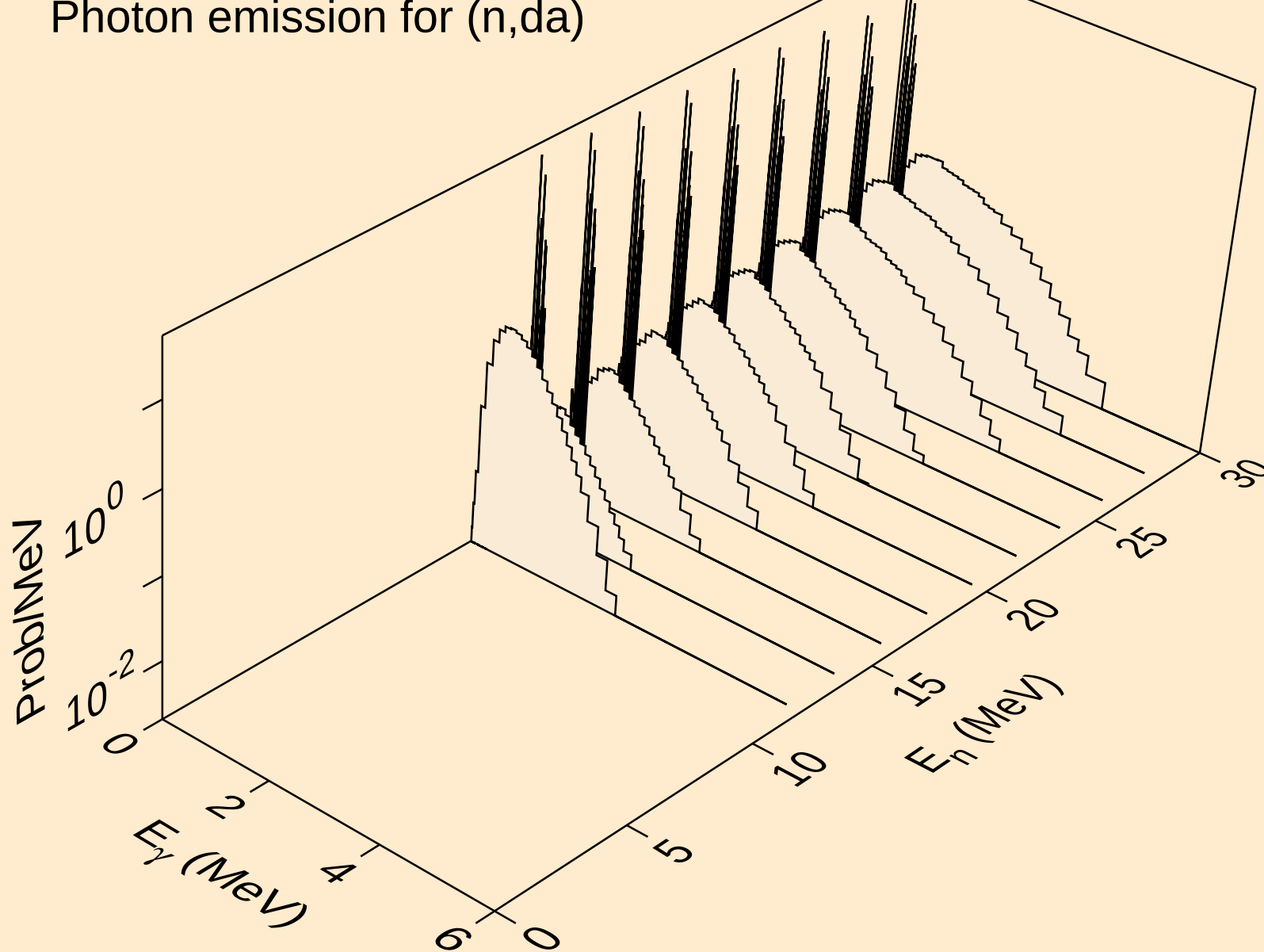


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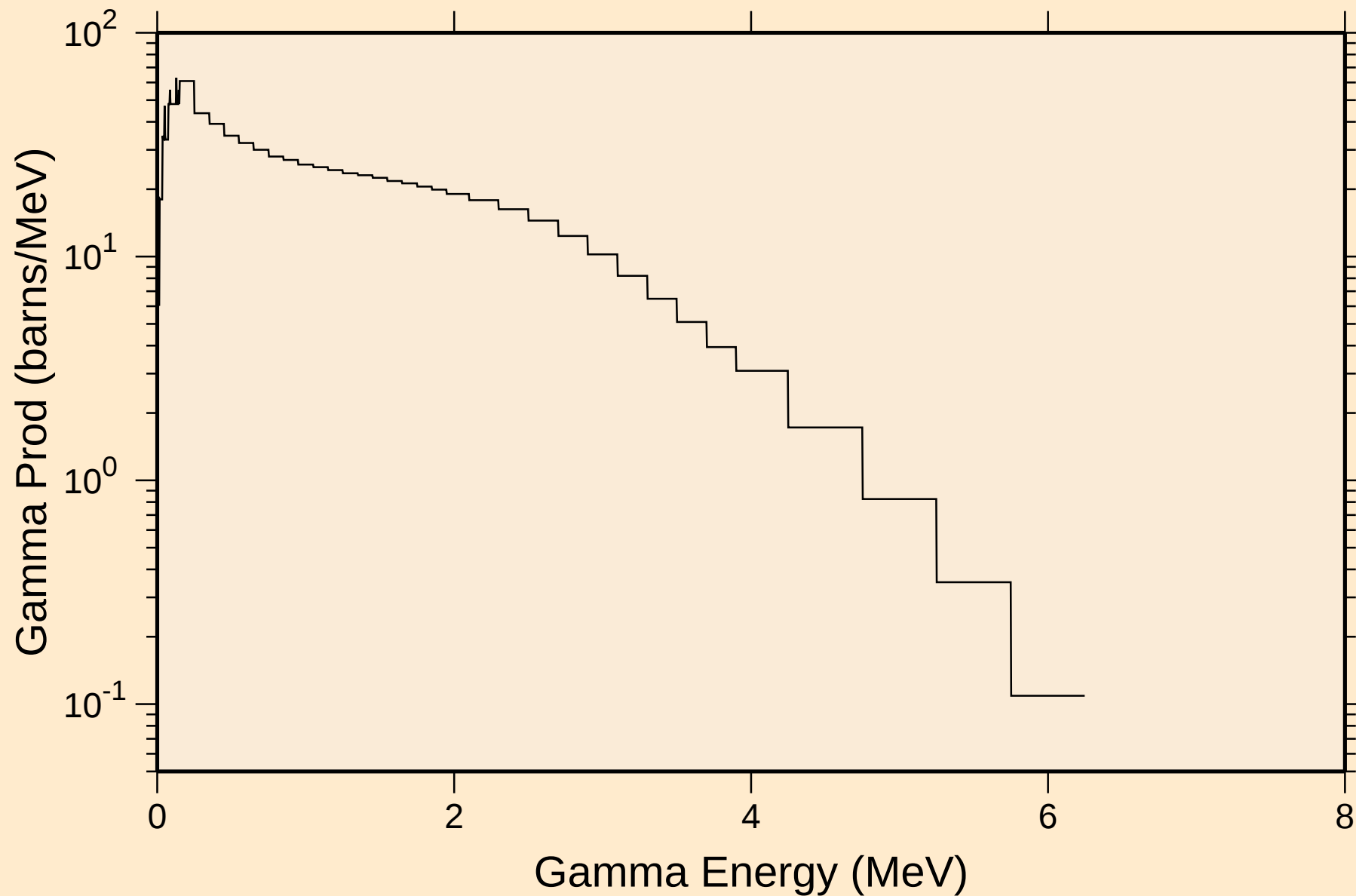
Photon emission for (n,pt)



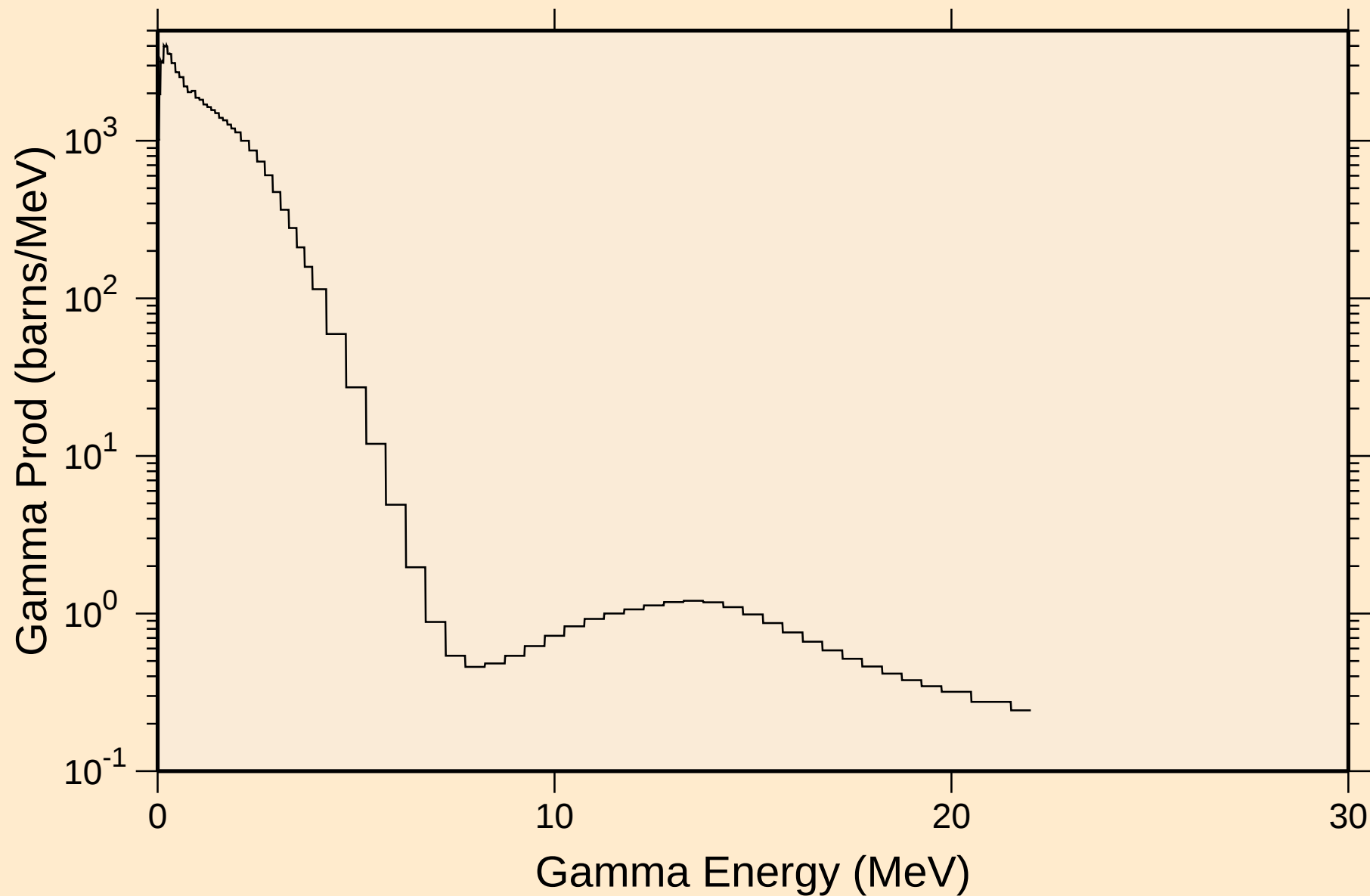
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

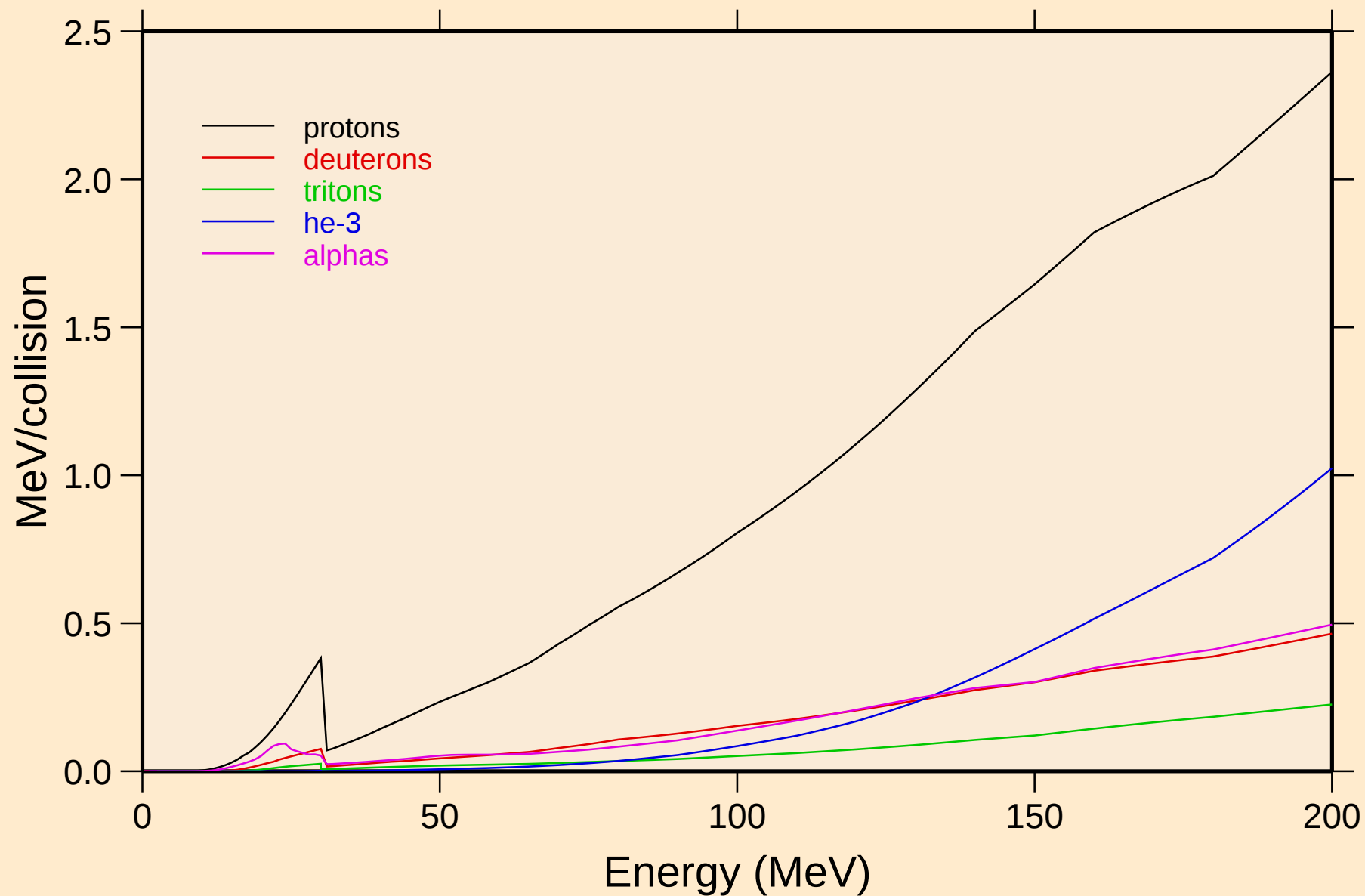


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

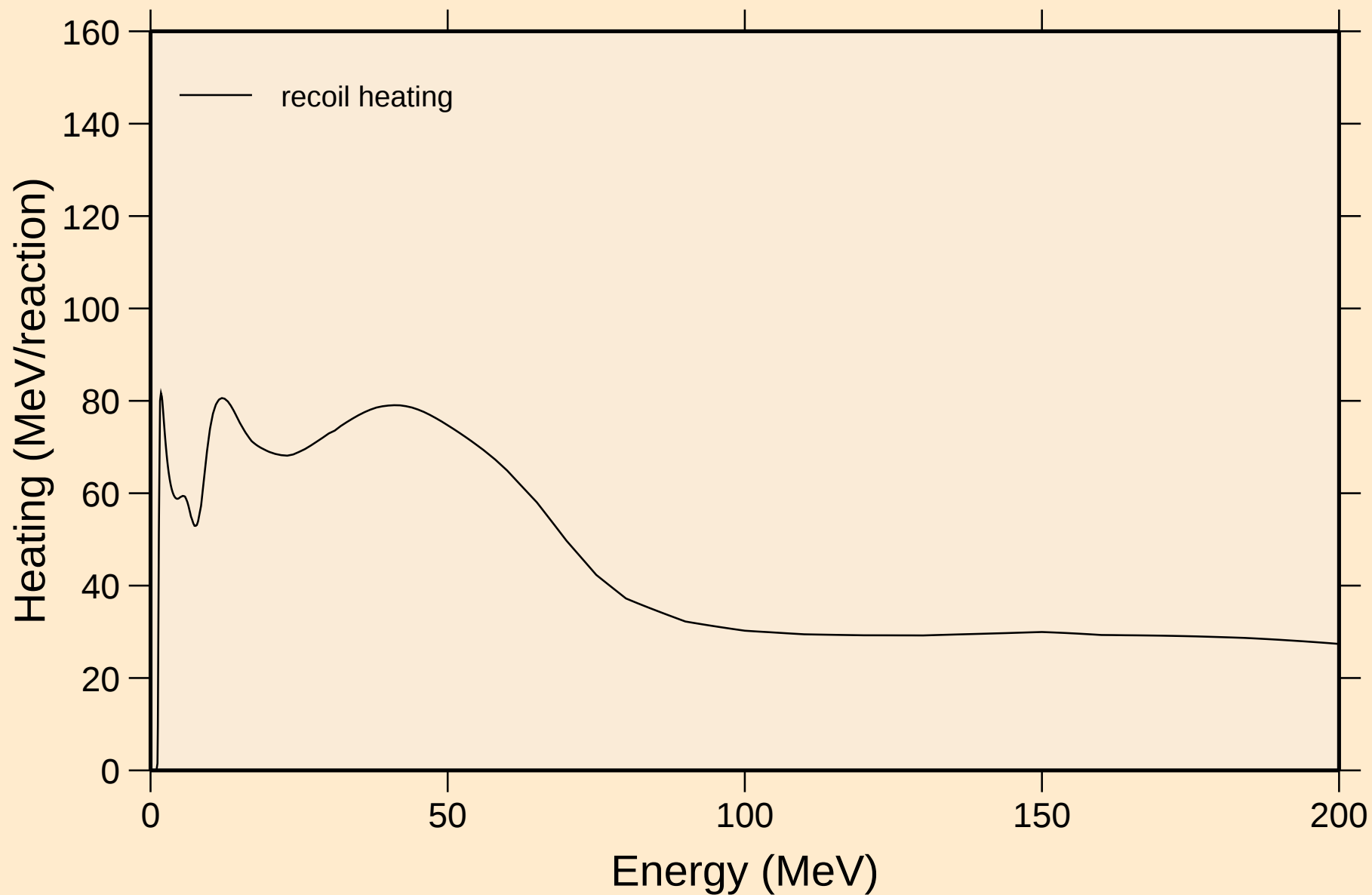


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

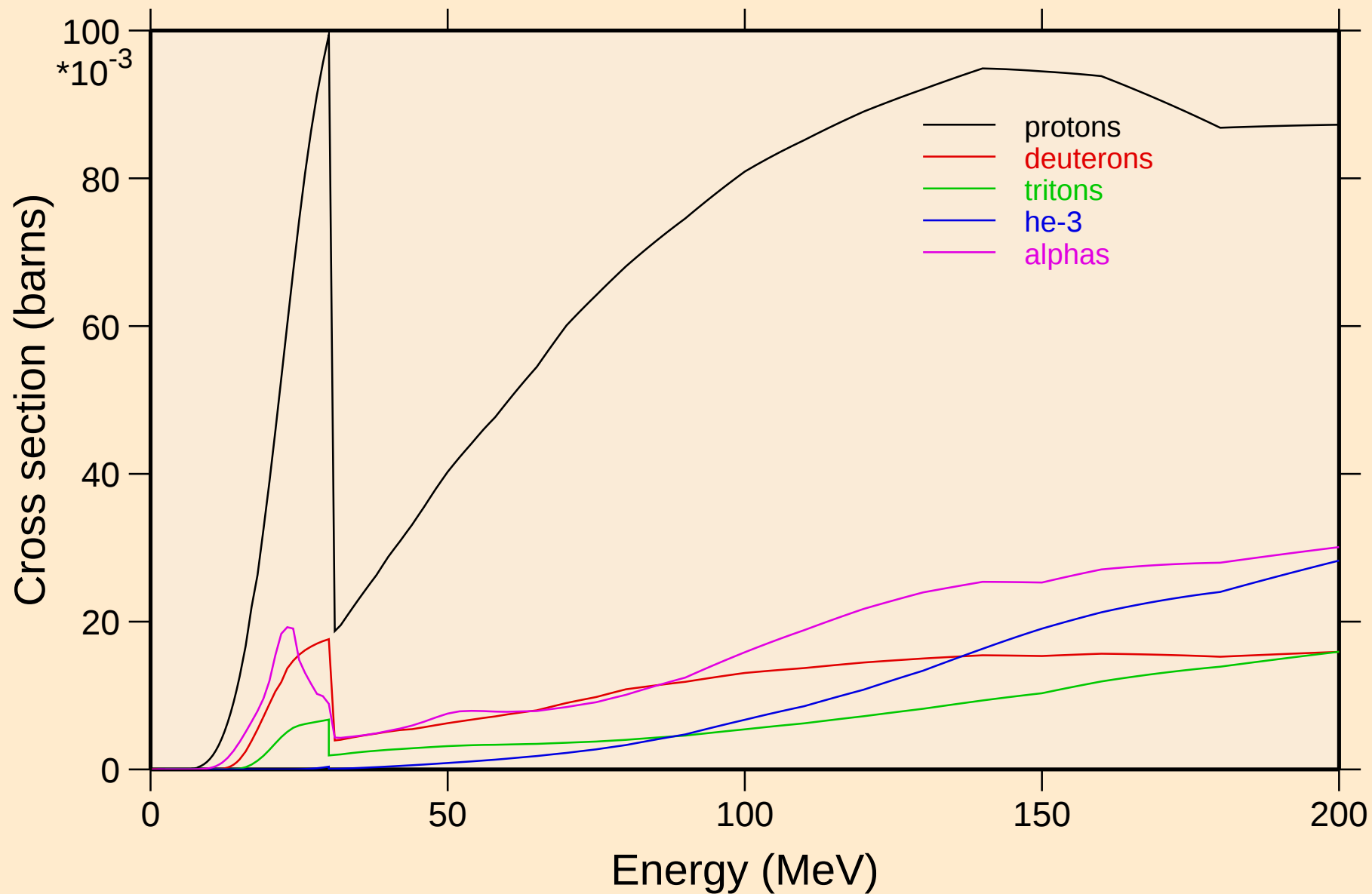


NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

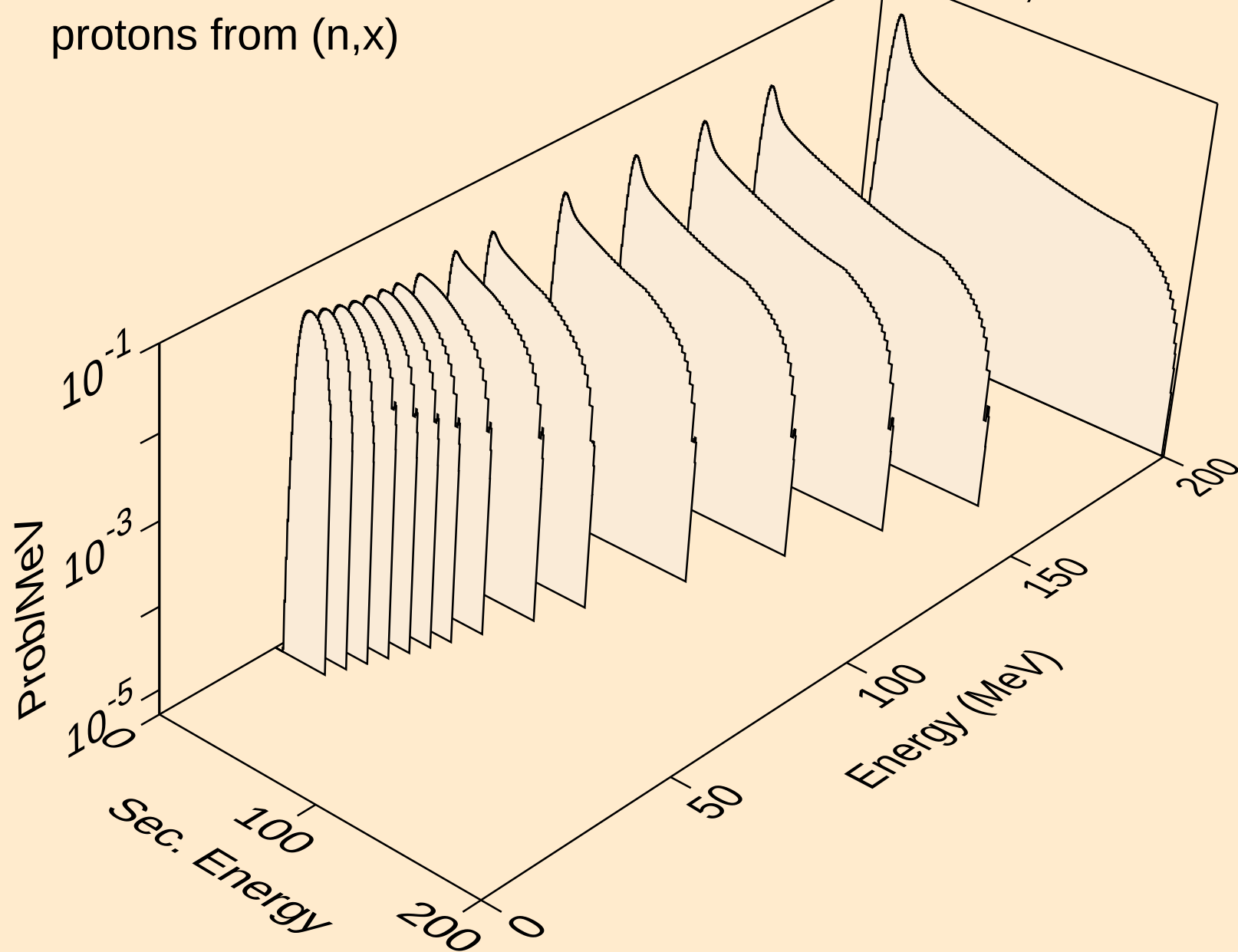


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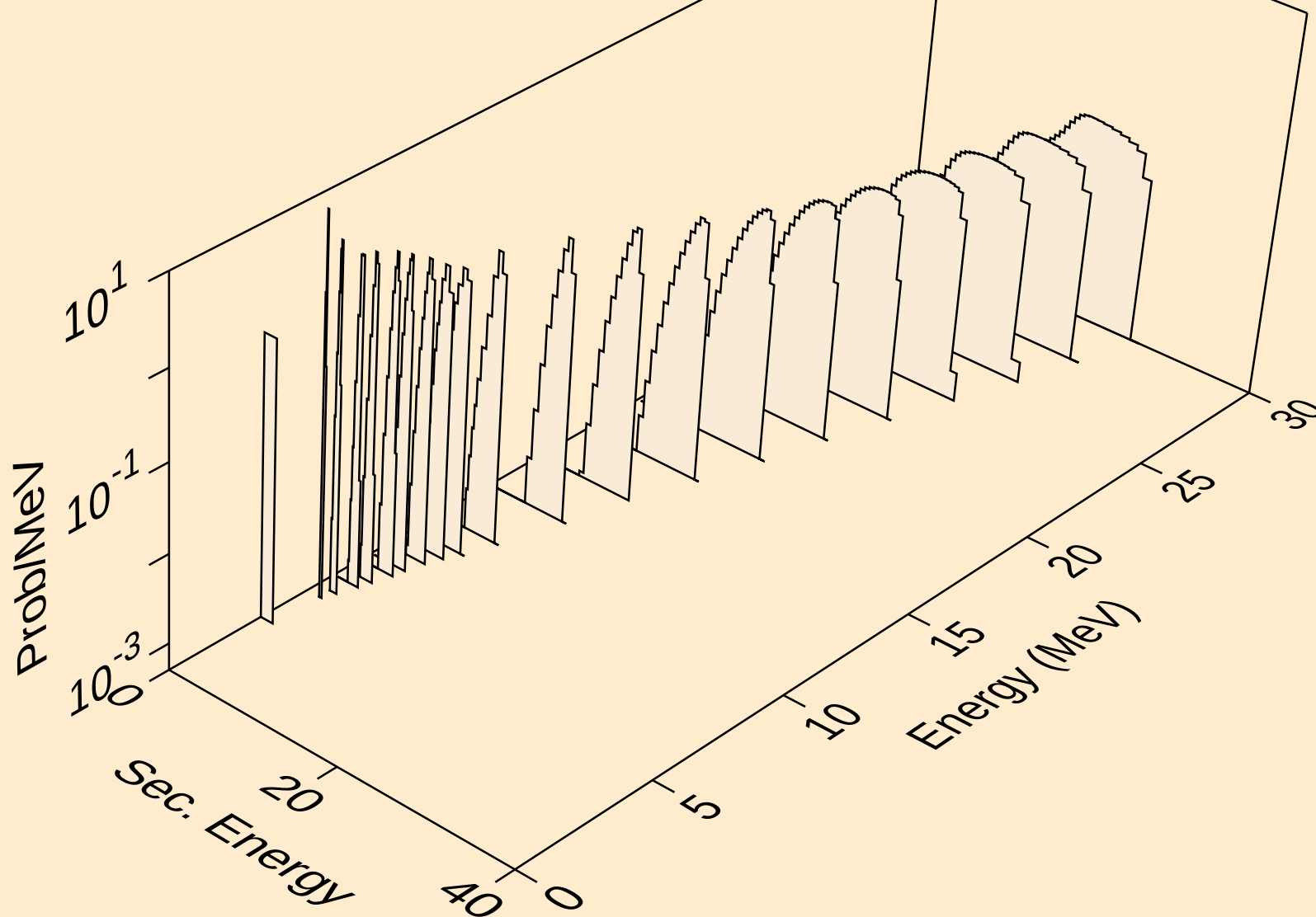
Particle production cross sections



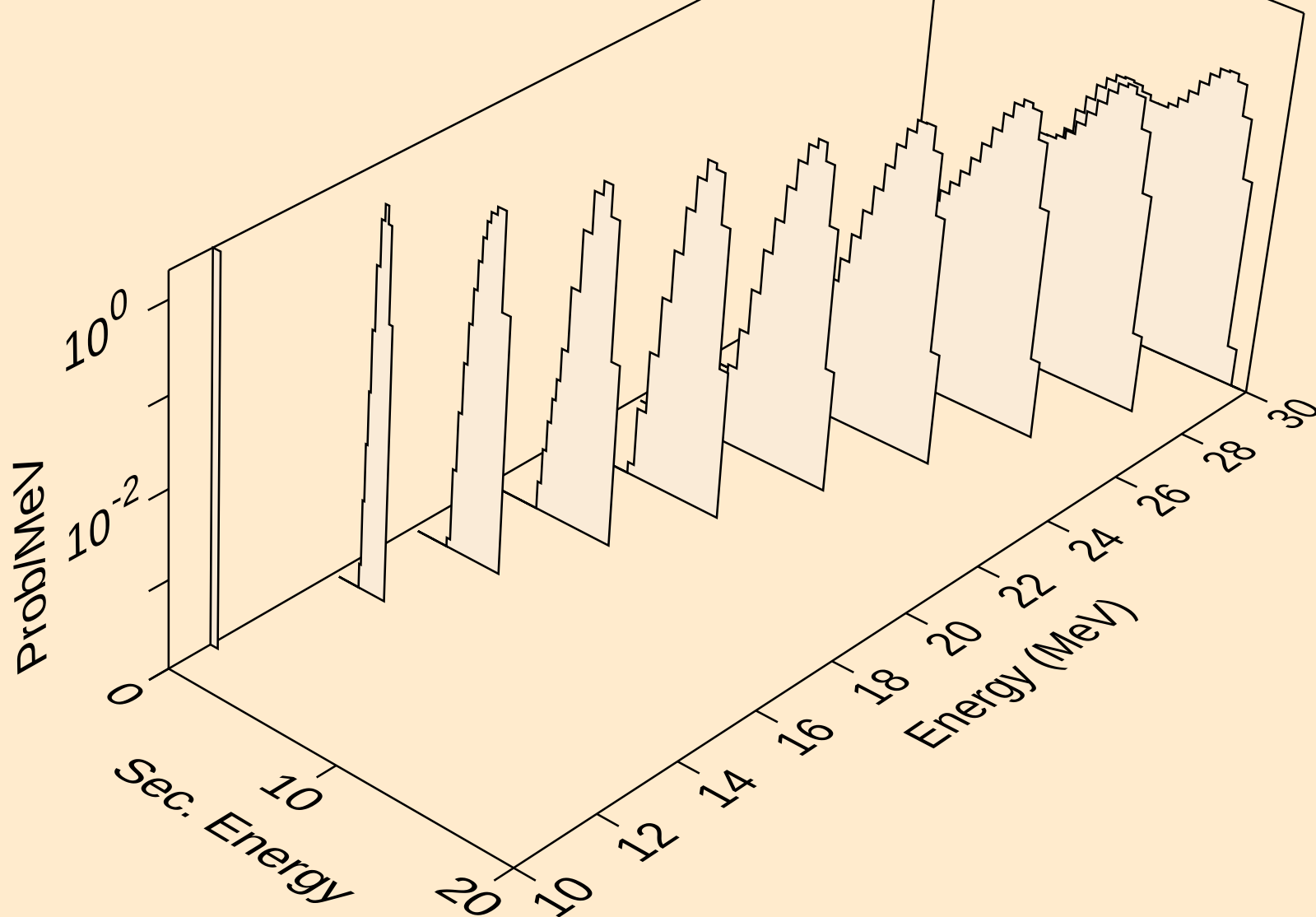
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



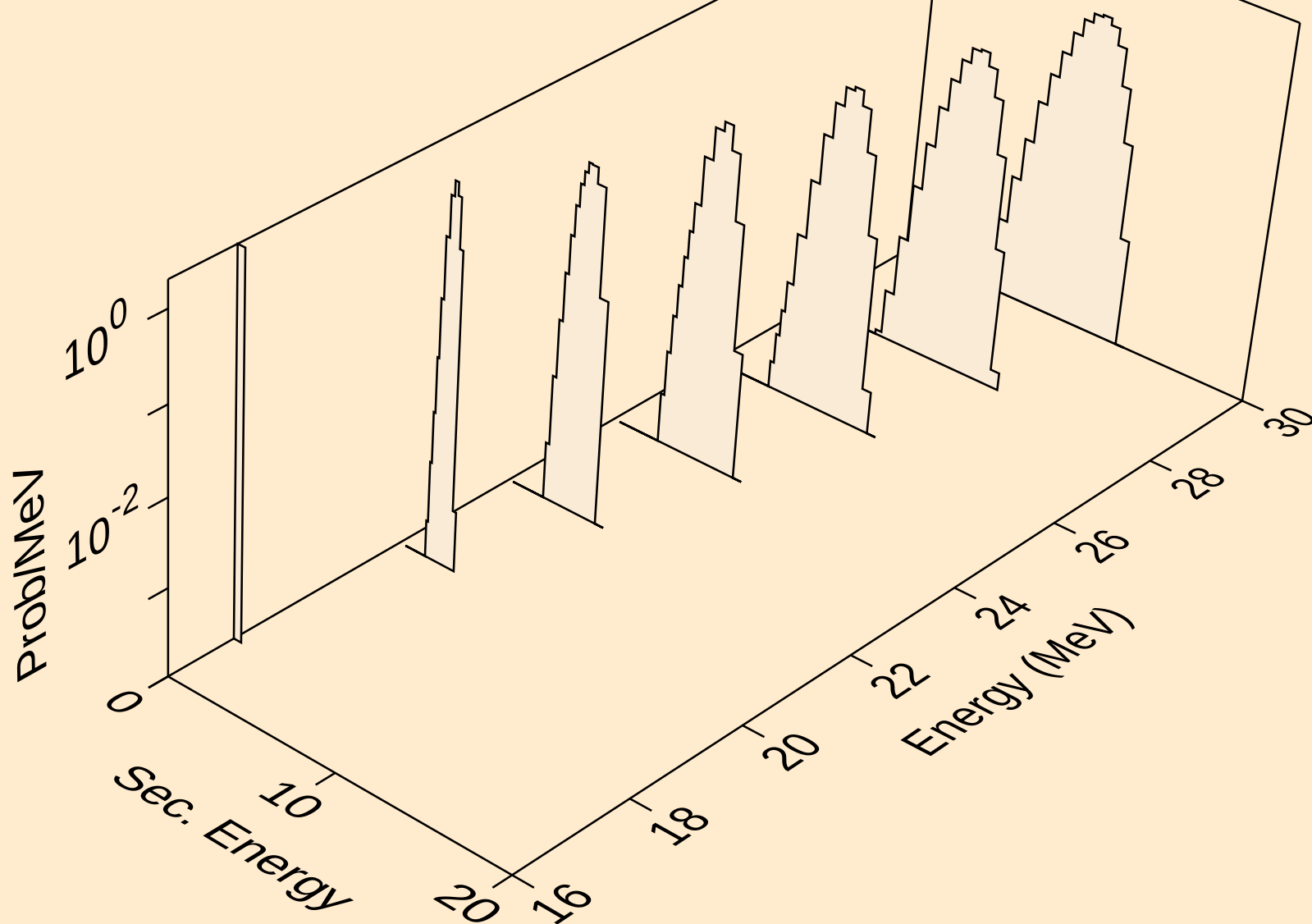
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



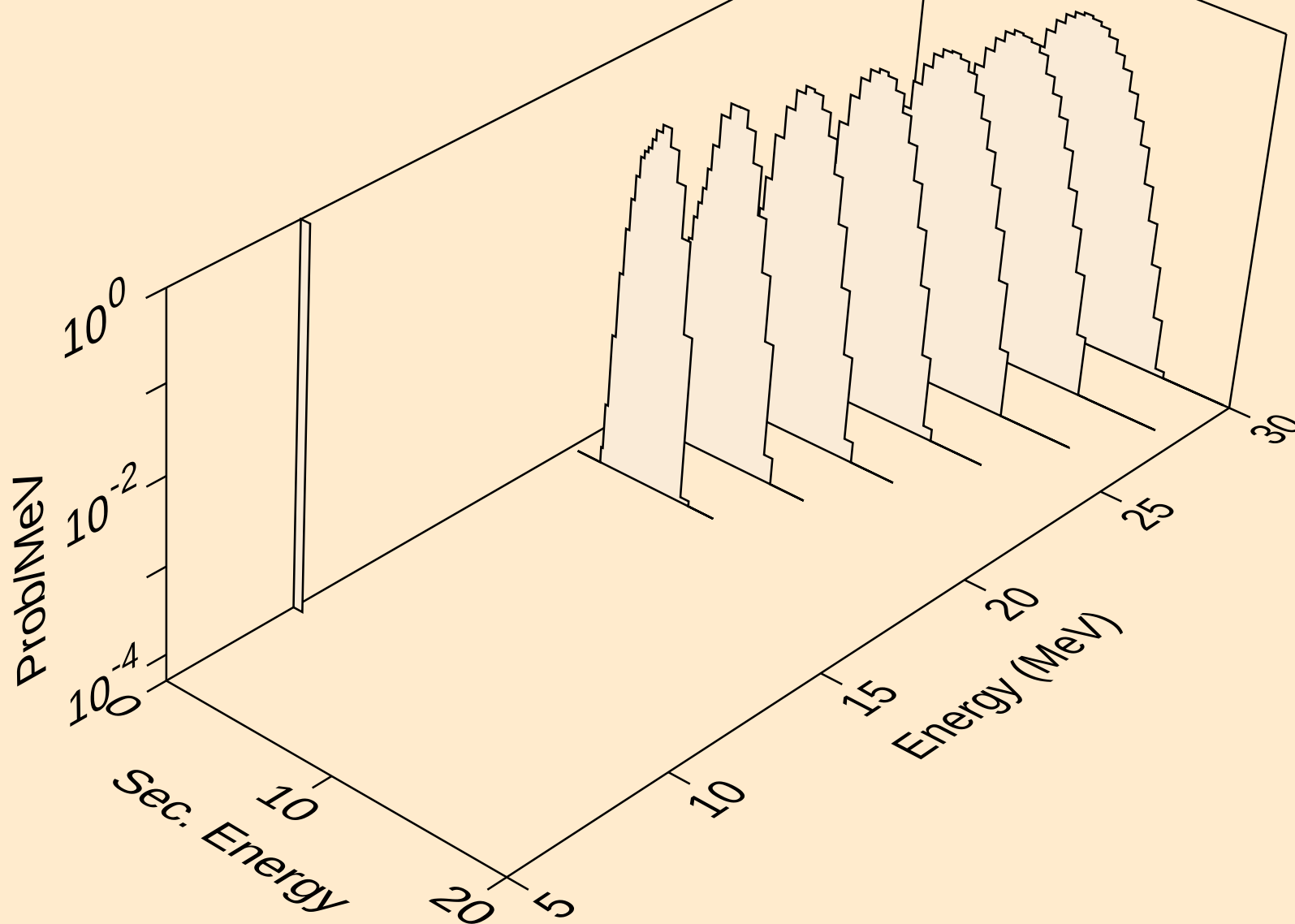
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protons from (n,2np)



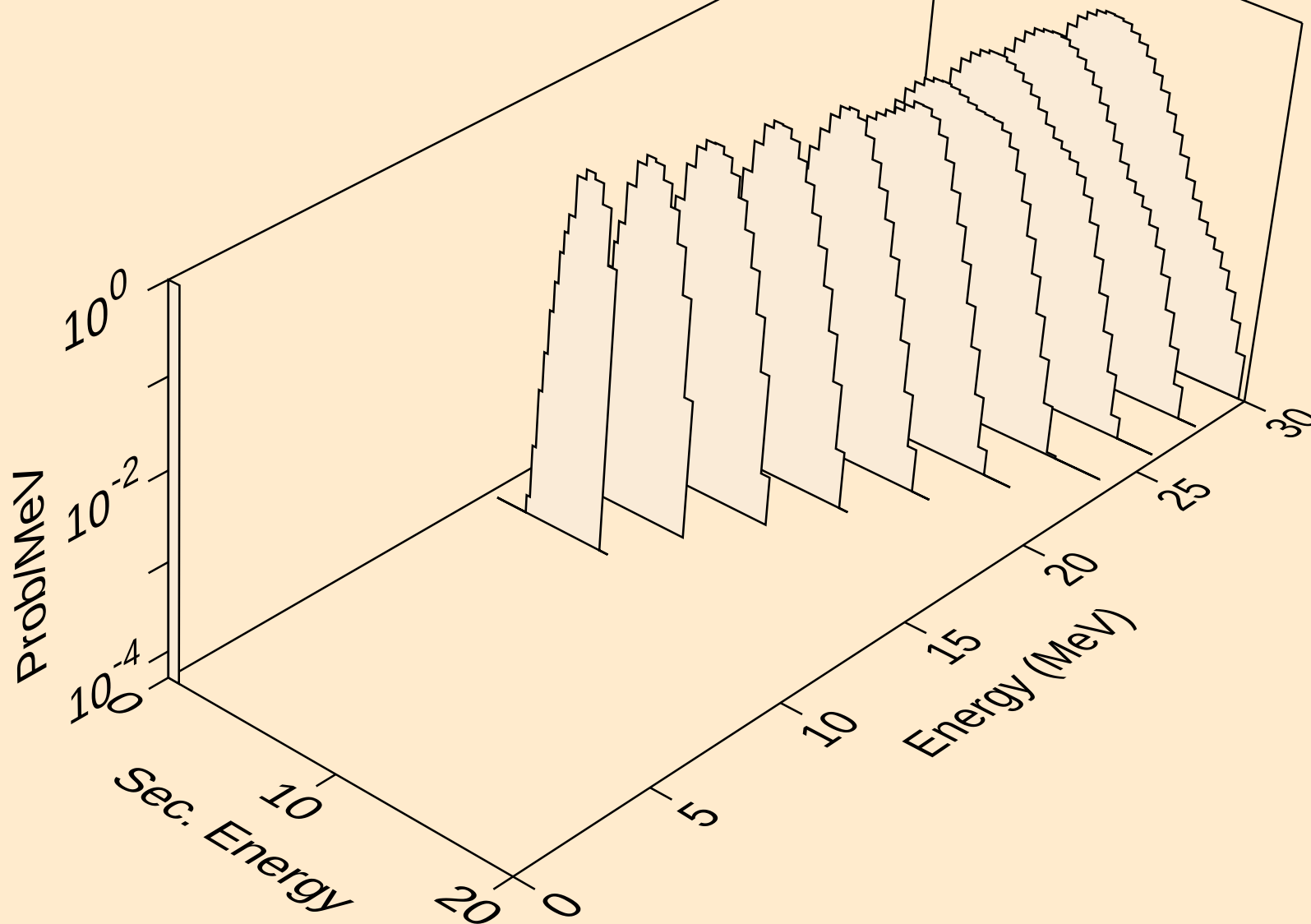
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



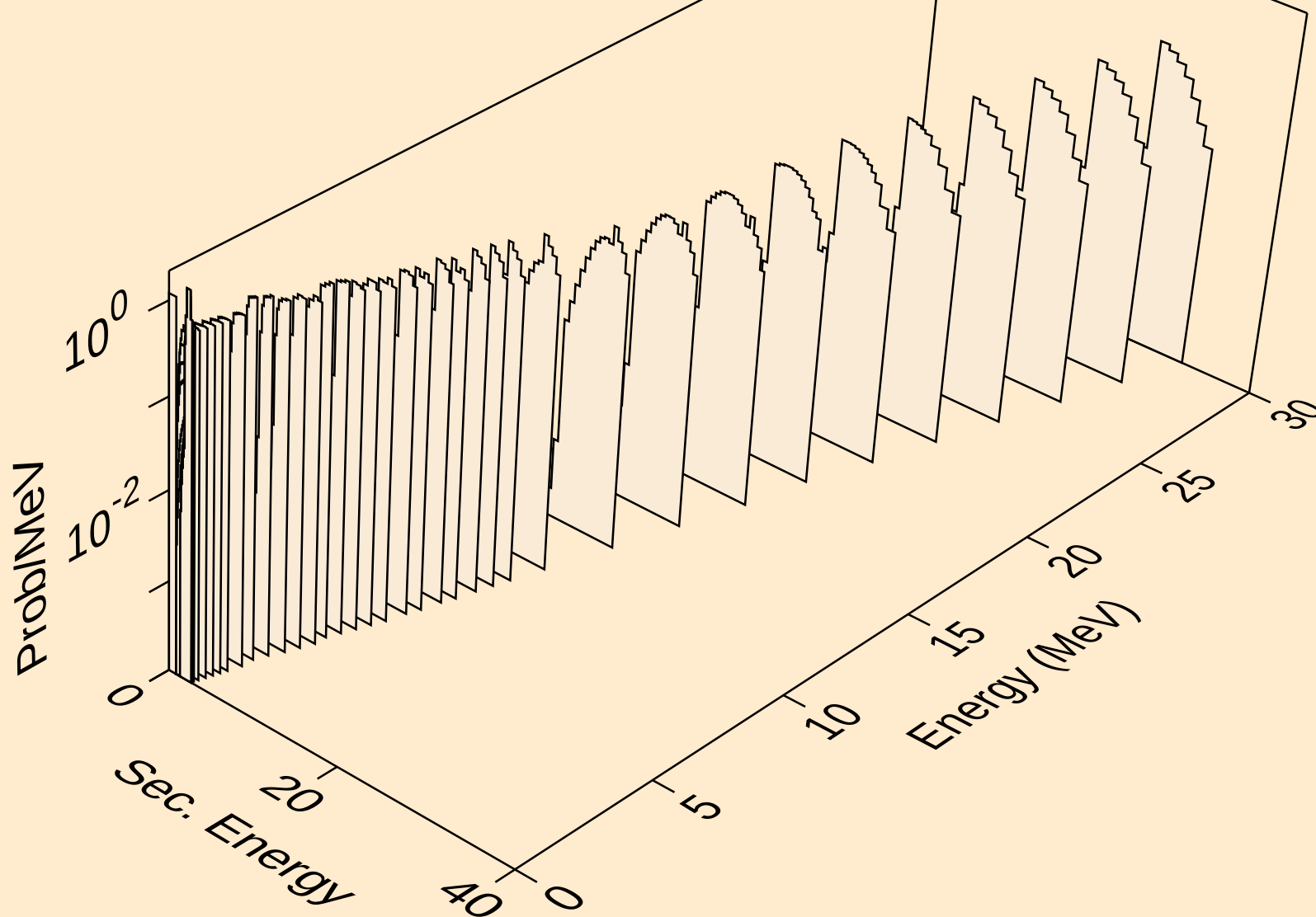
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



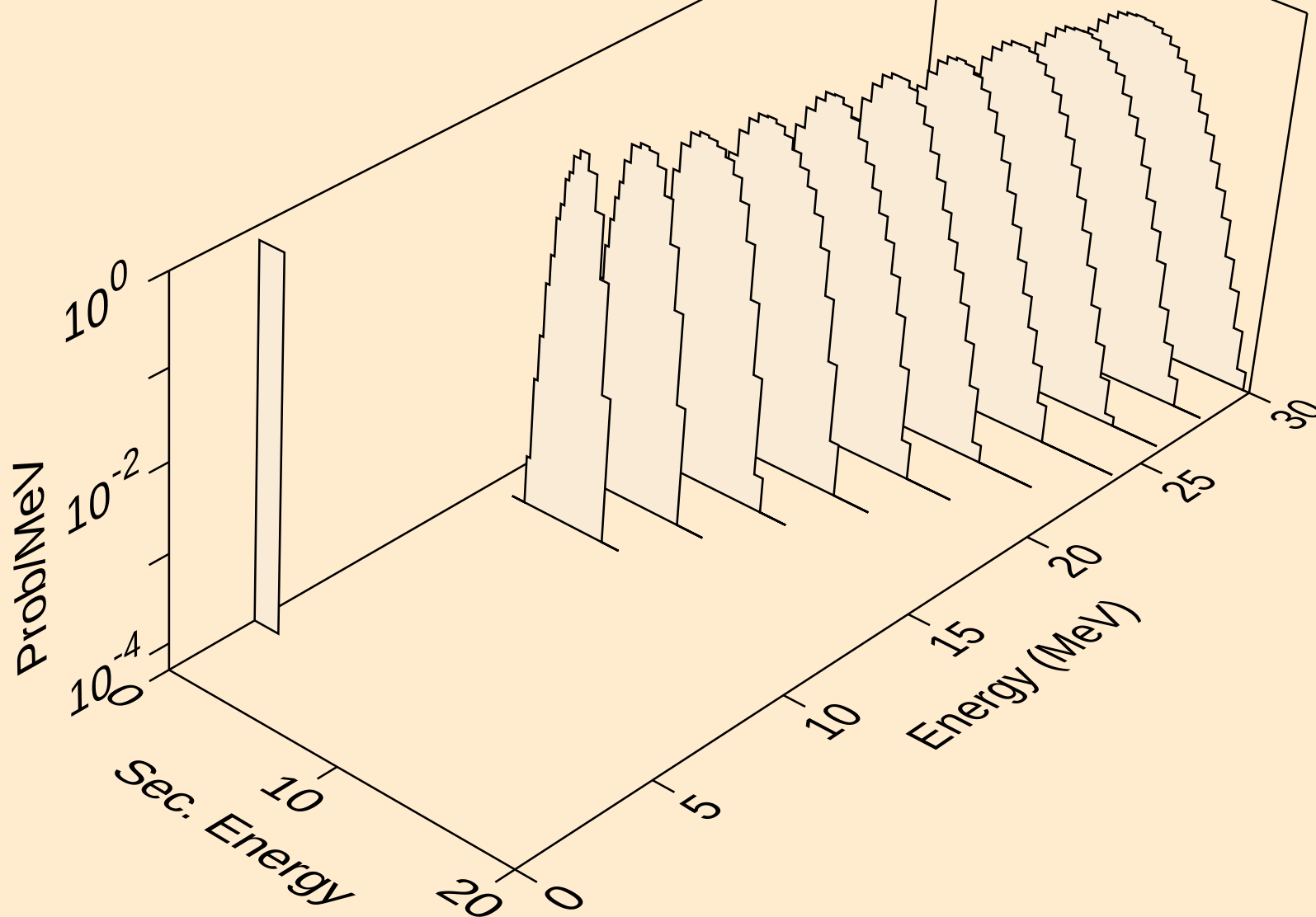
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



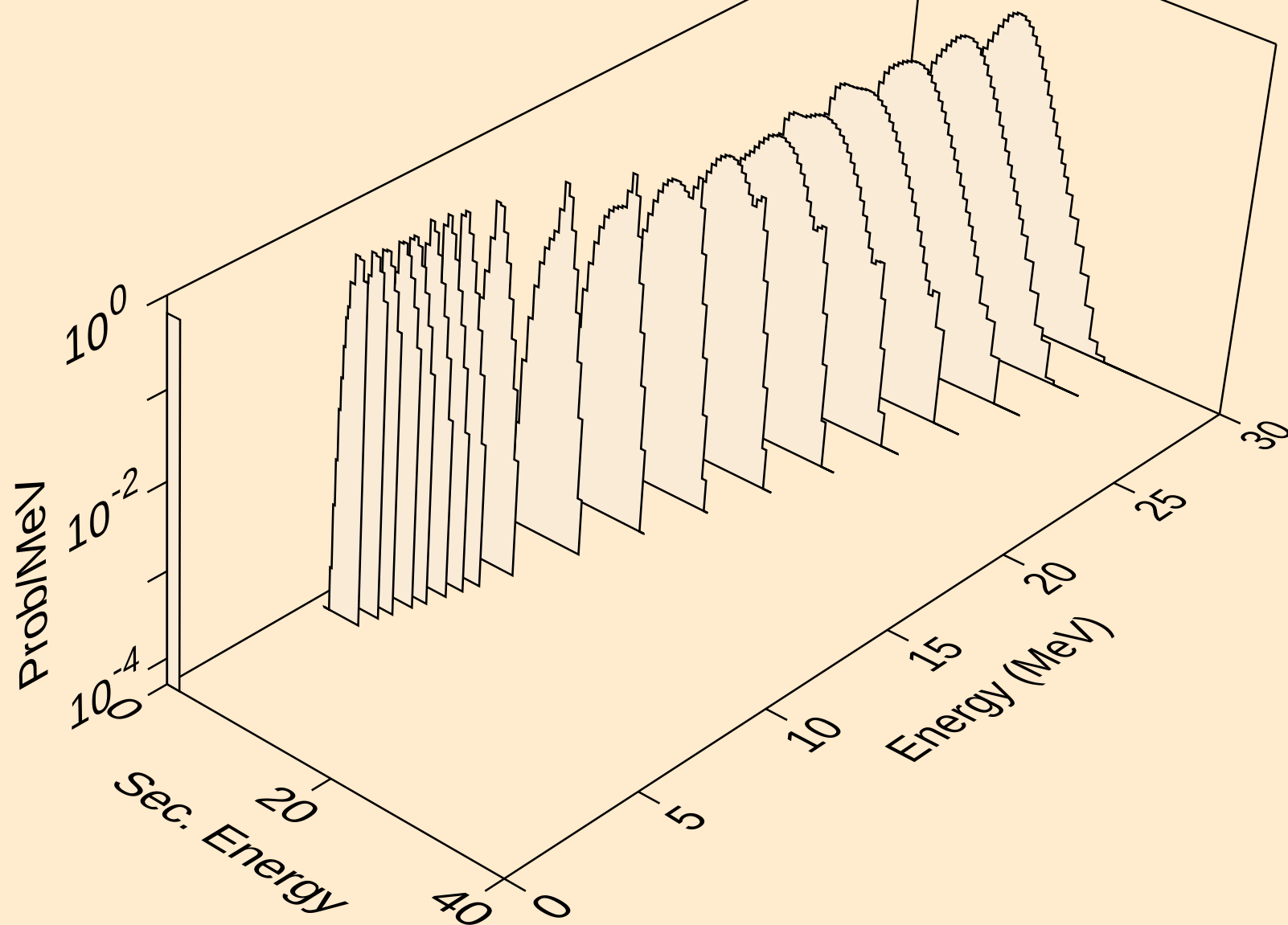
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protons from (n,p)



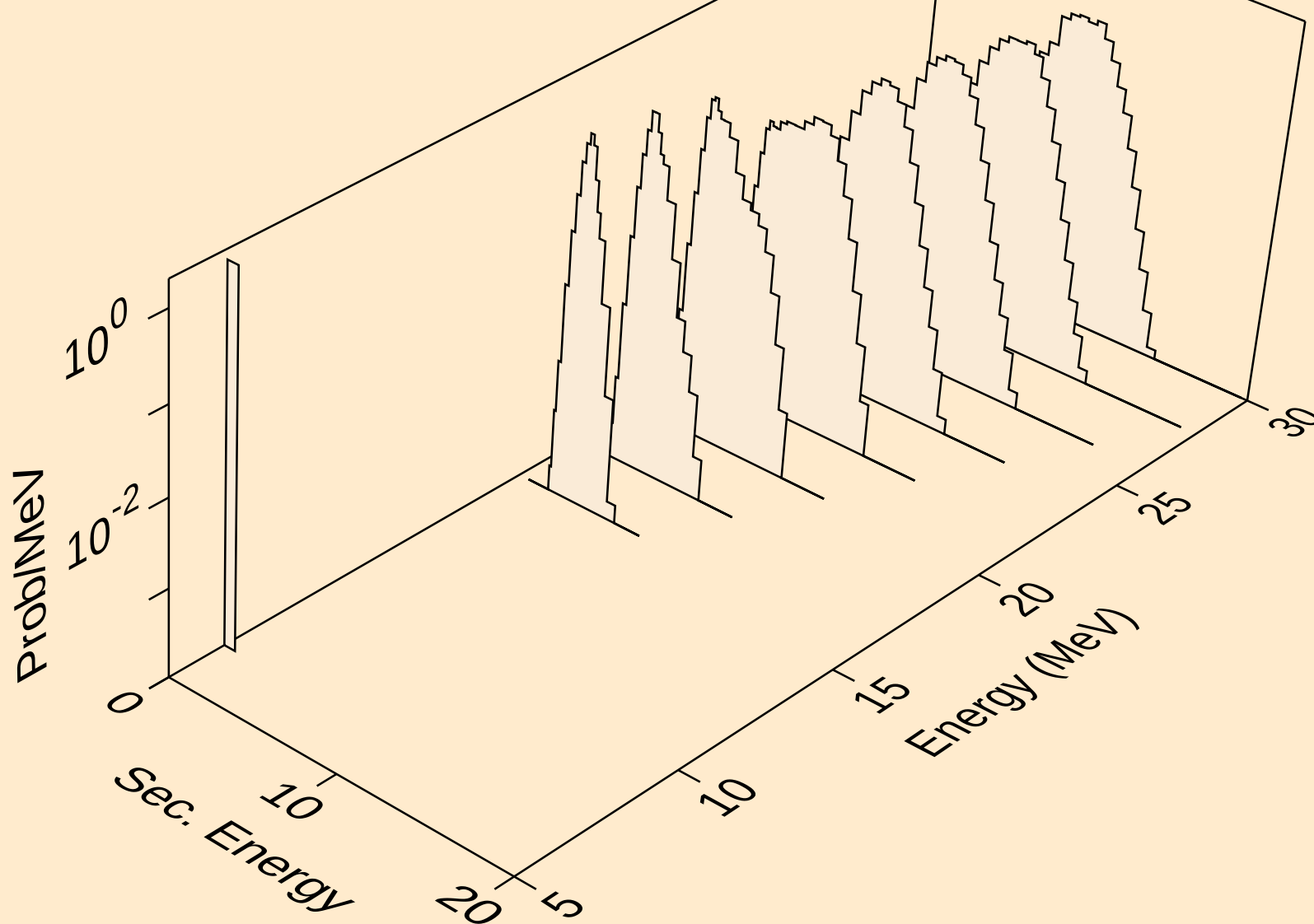
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



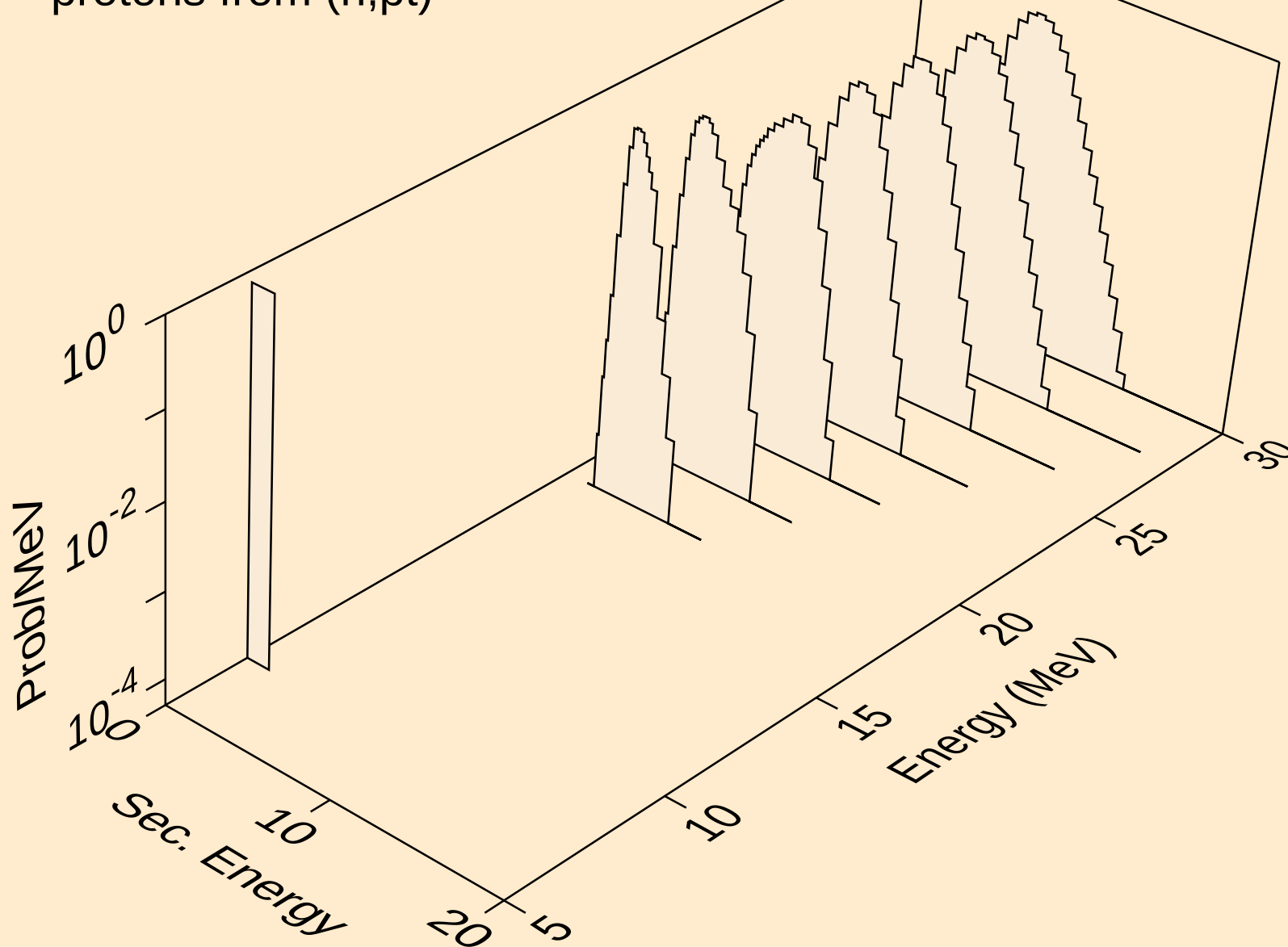
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



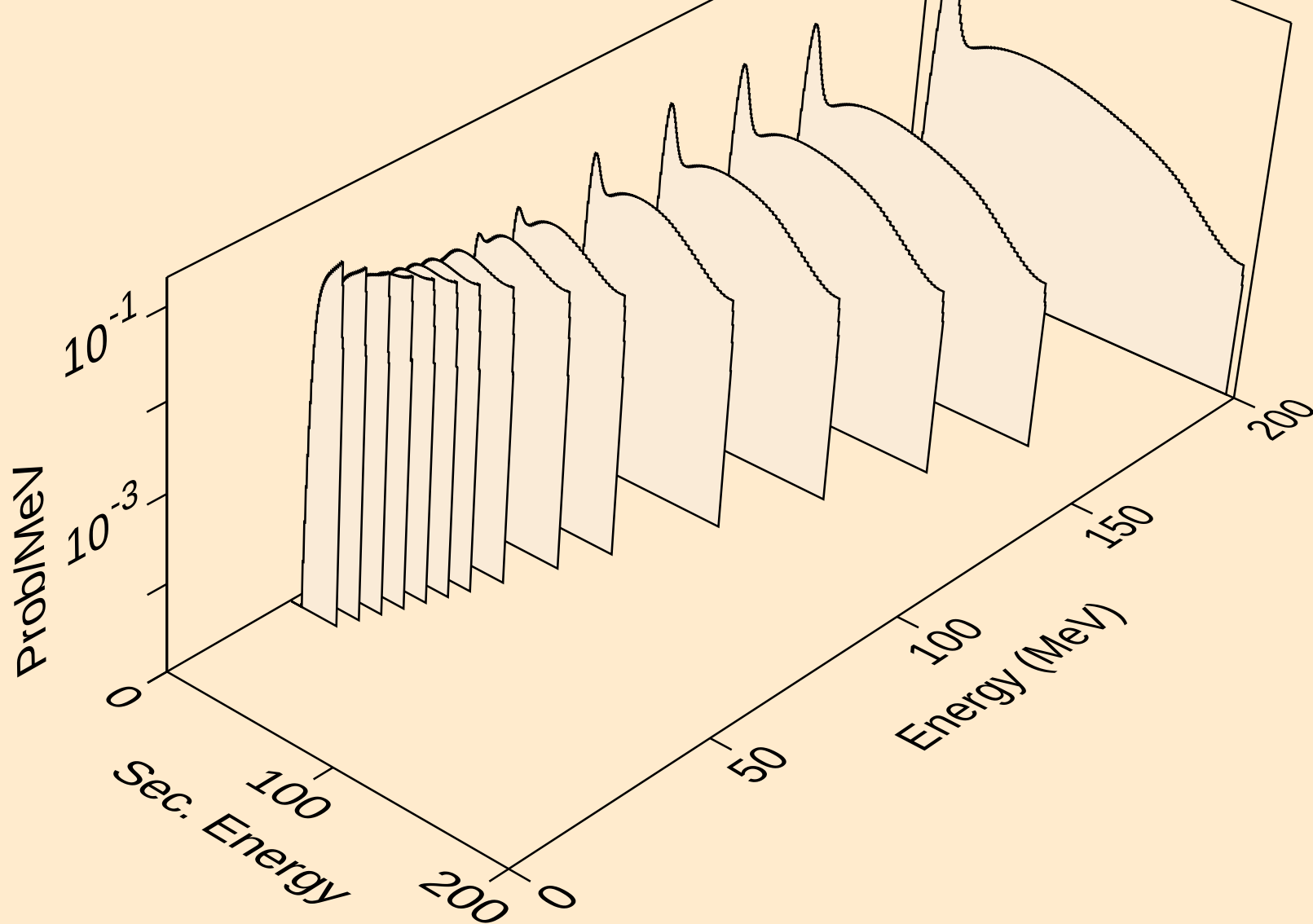
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



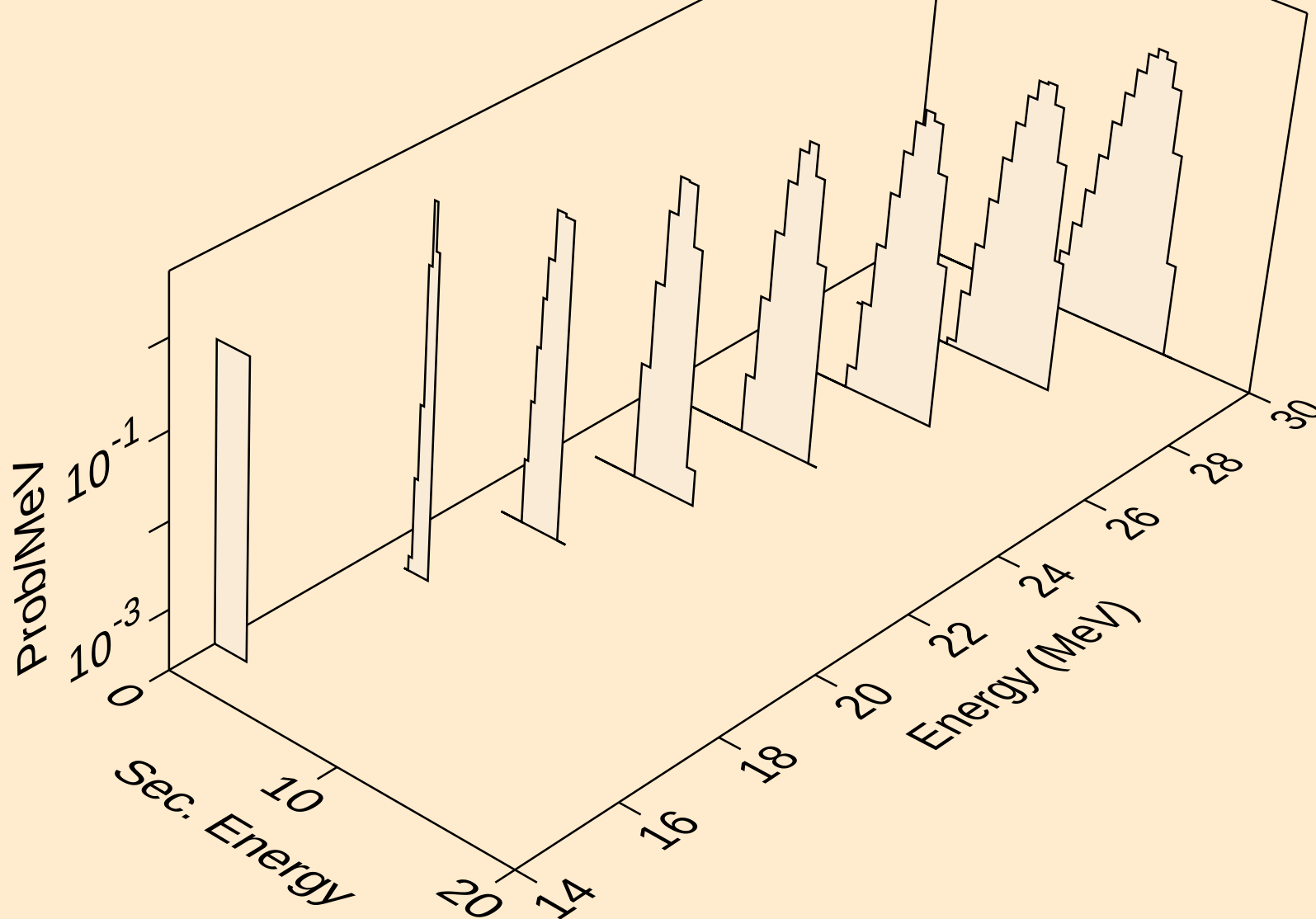
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



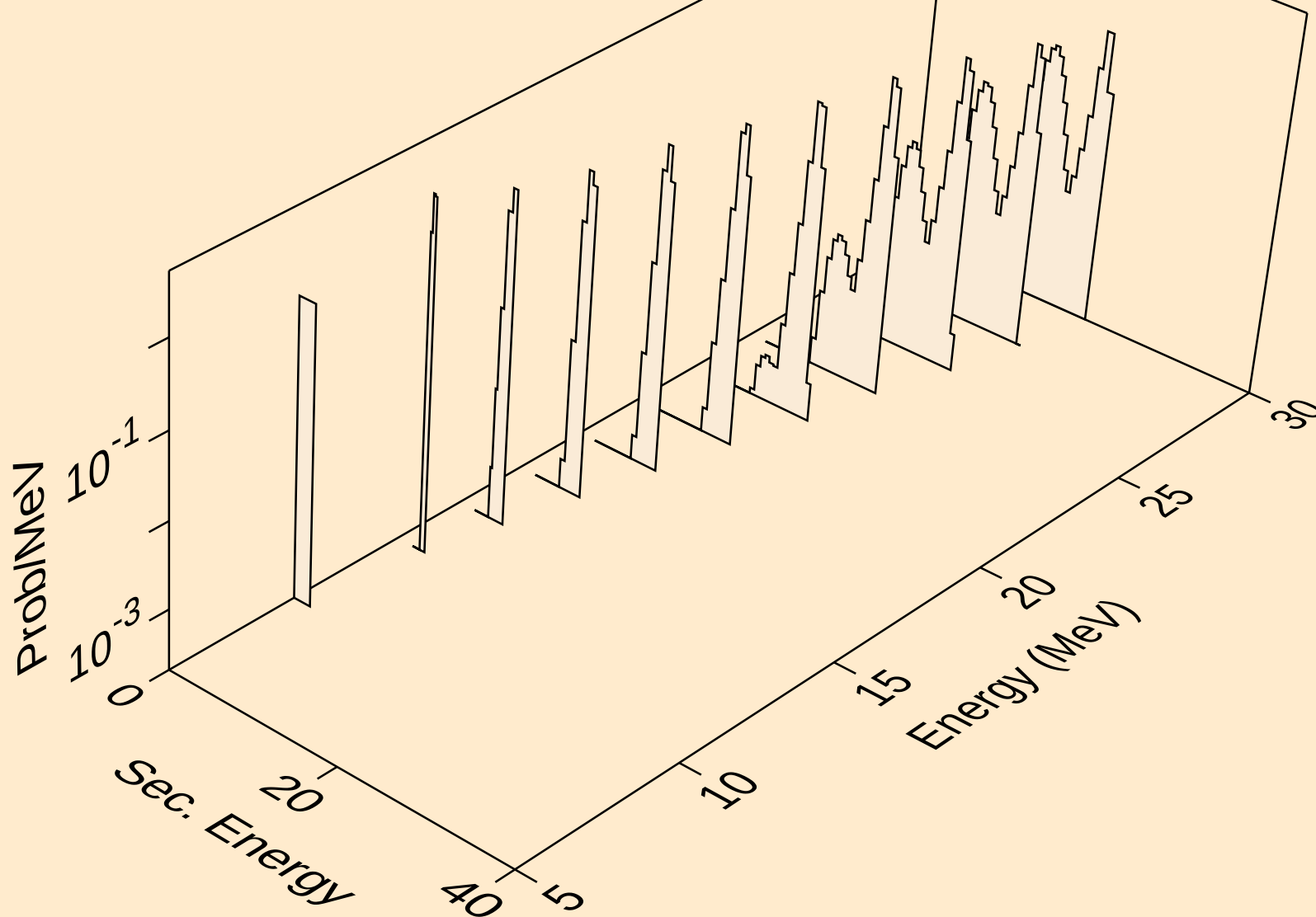
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



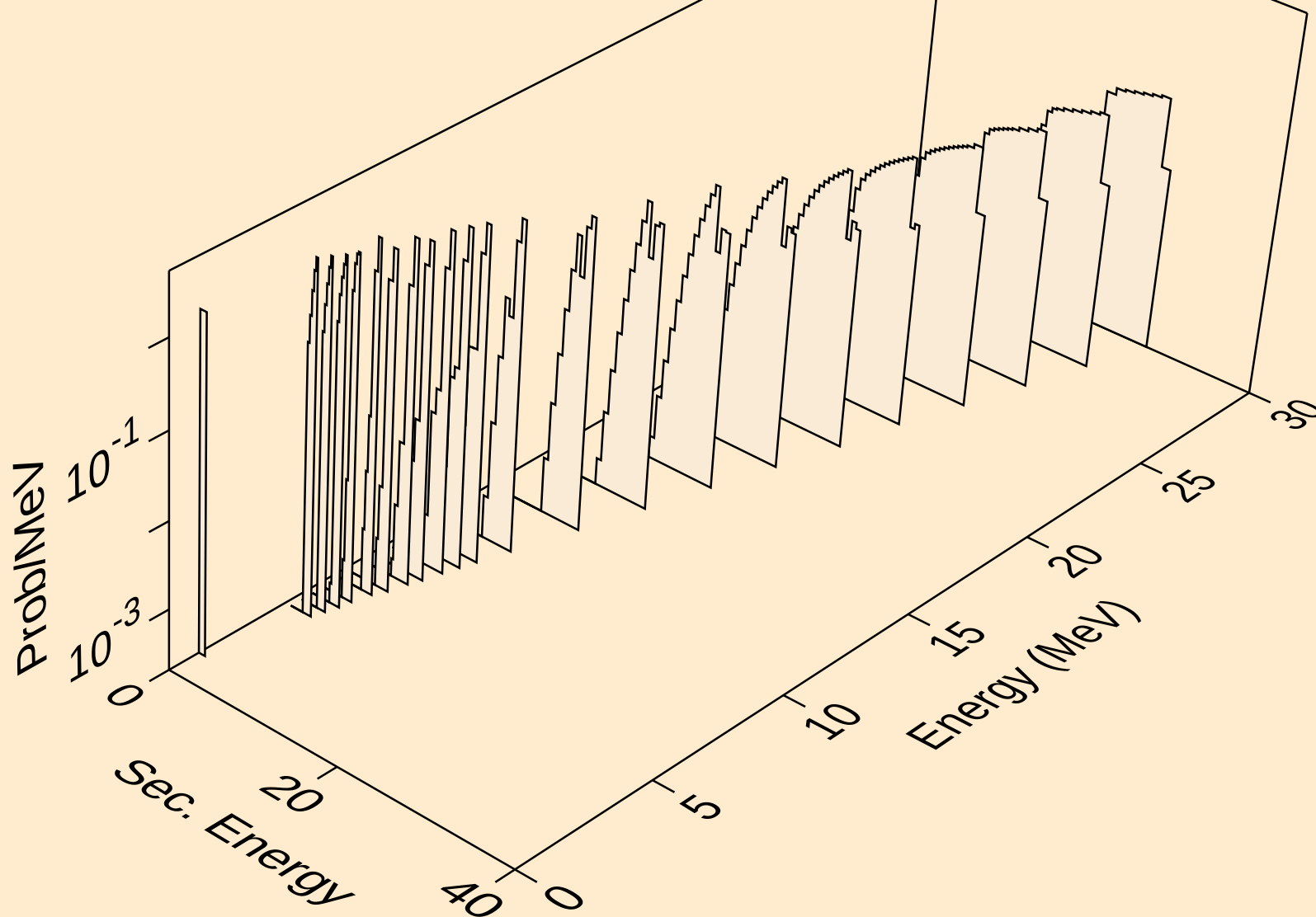
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



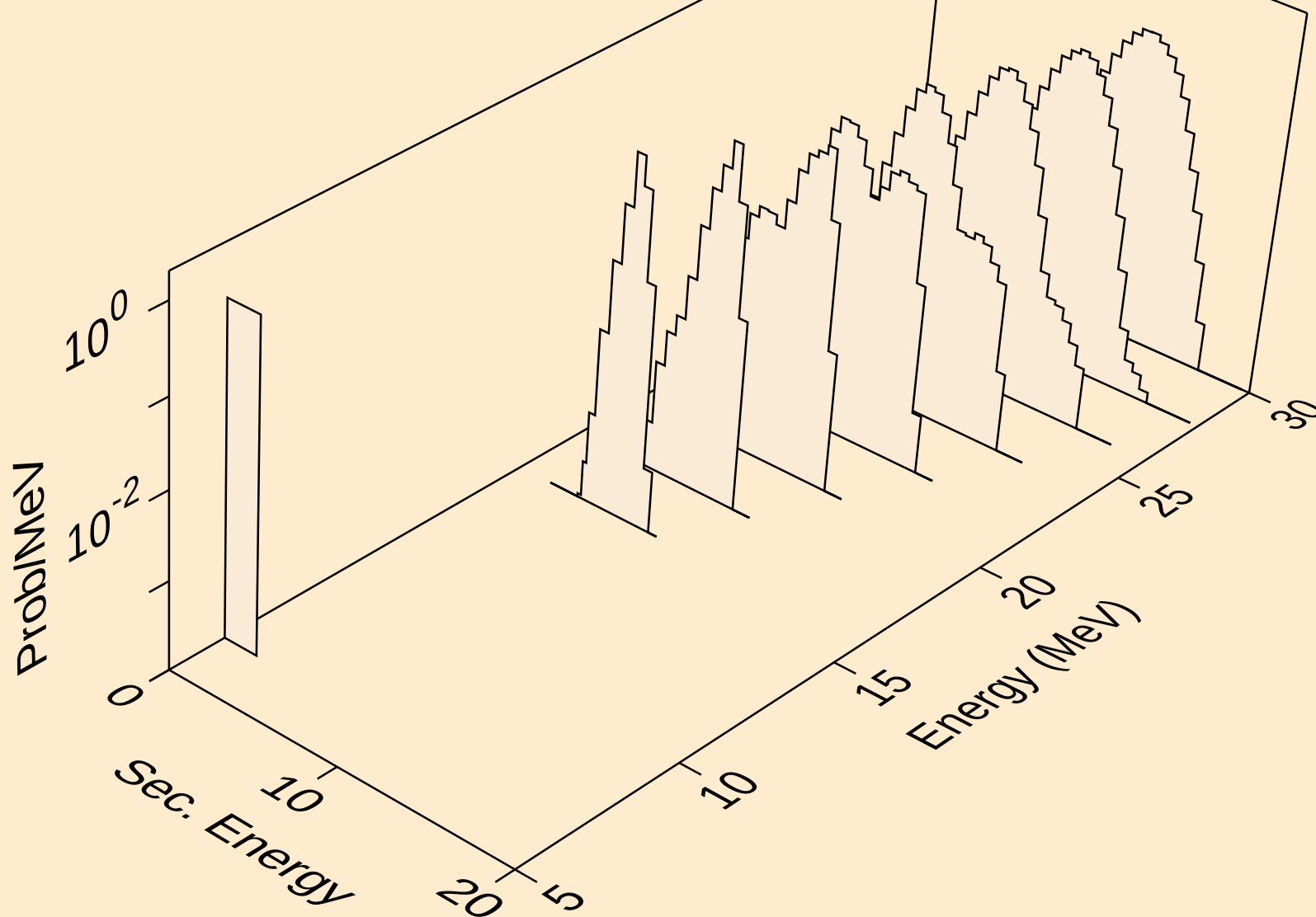
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



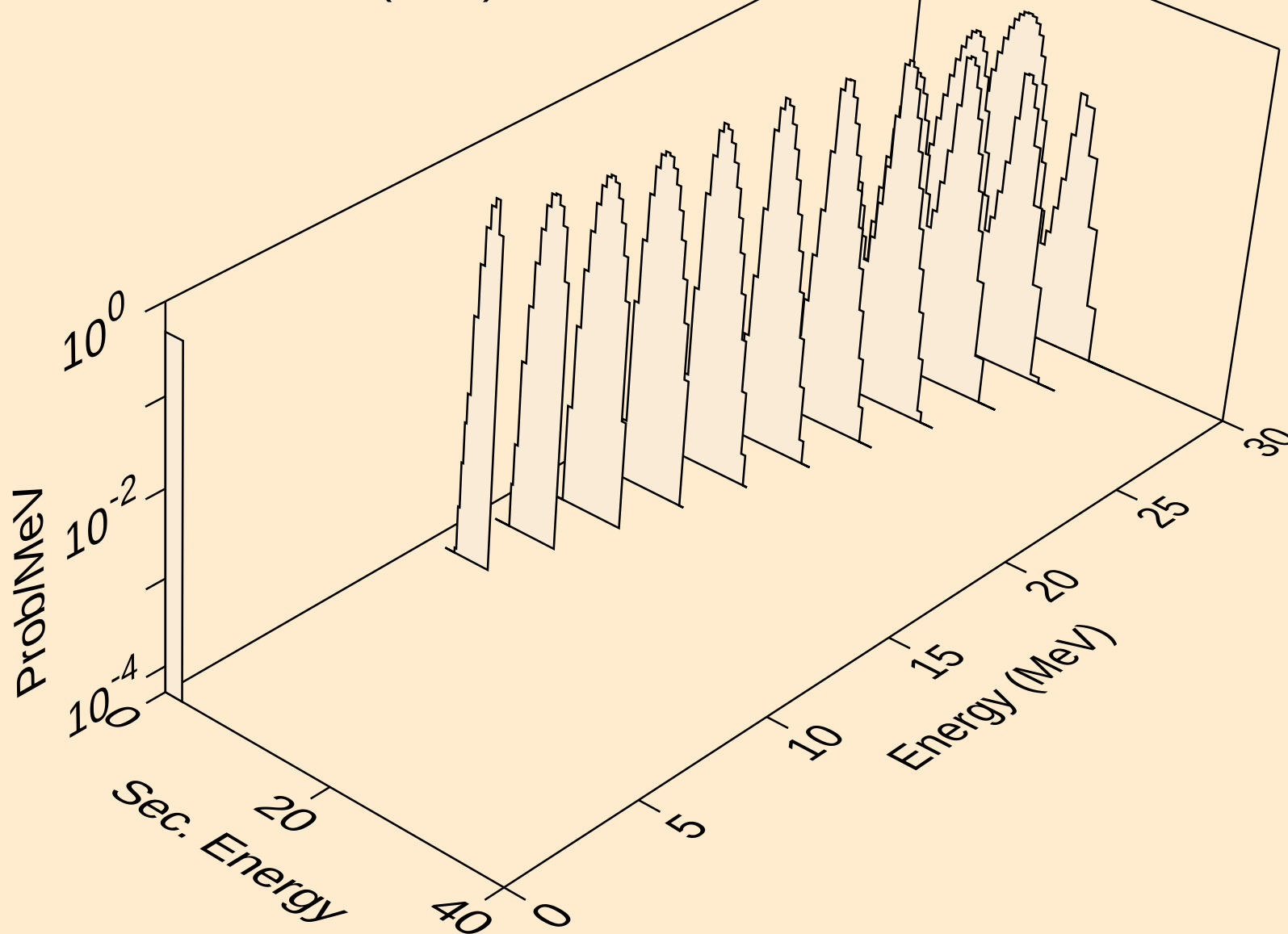
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



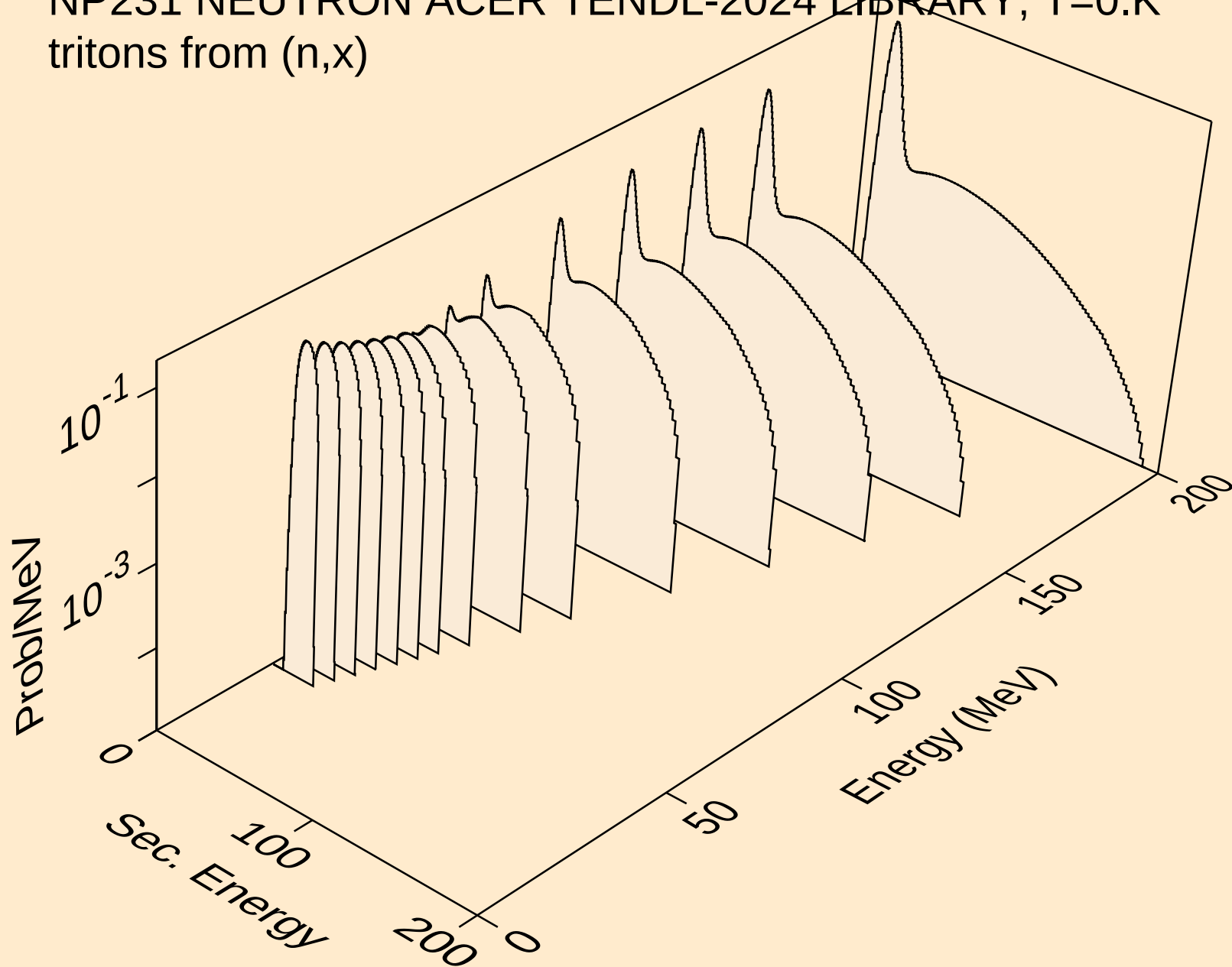
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



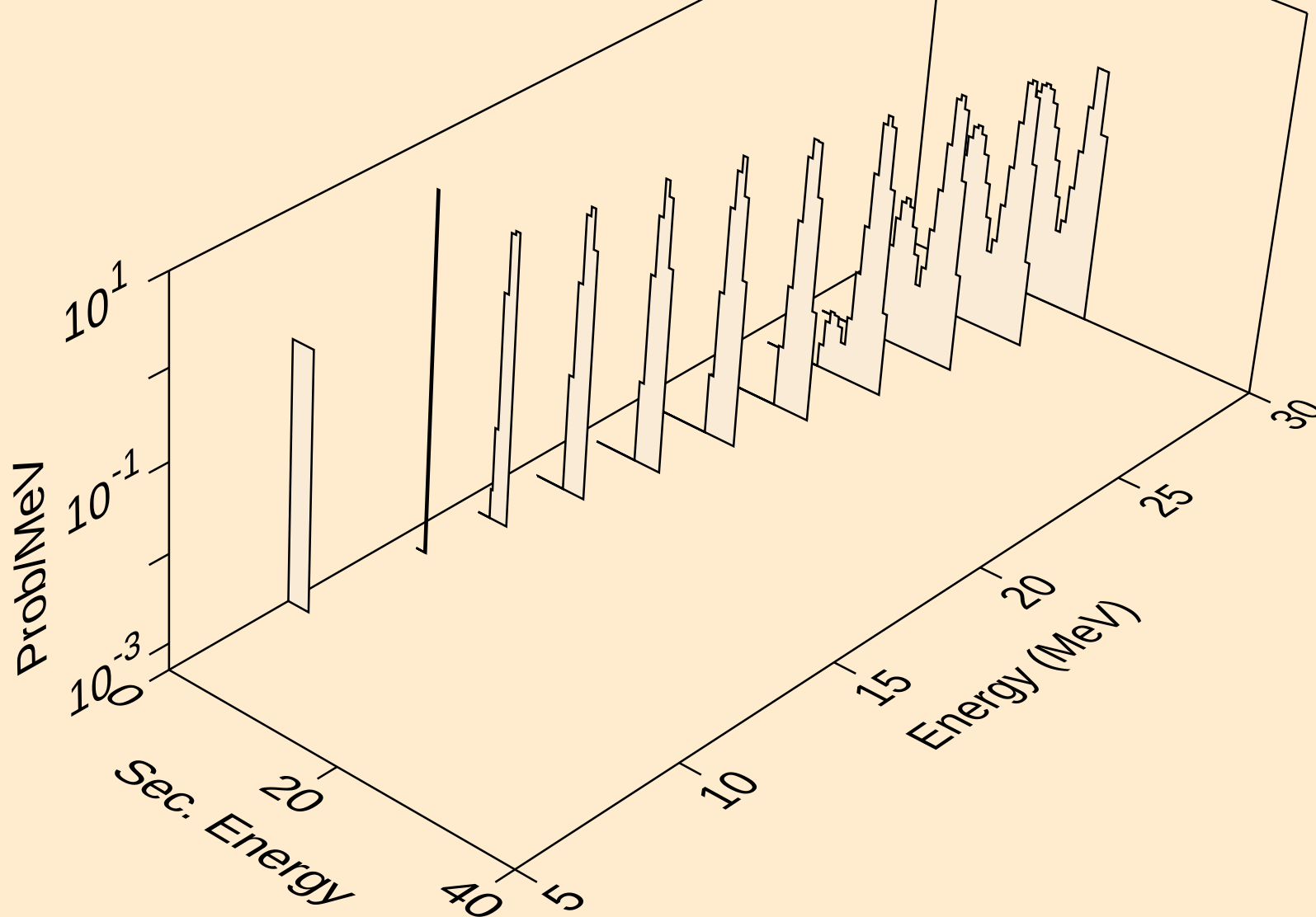
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



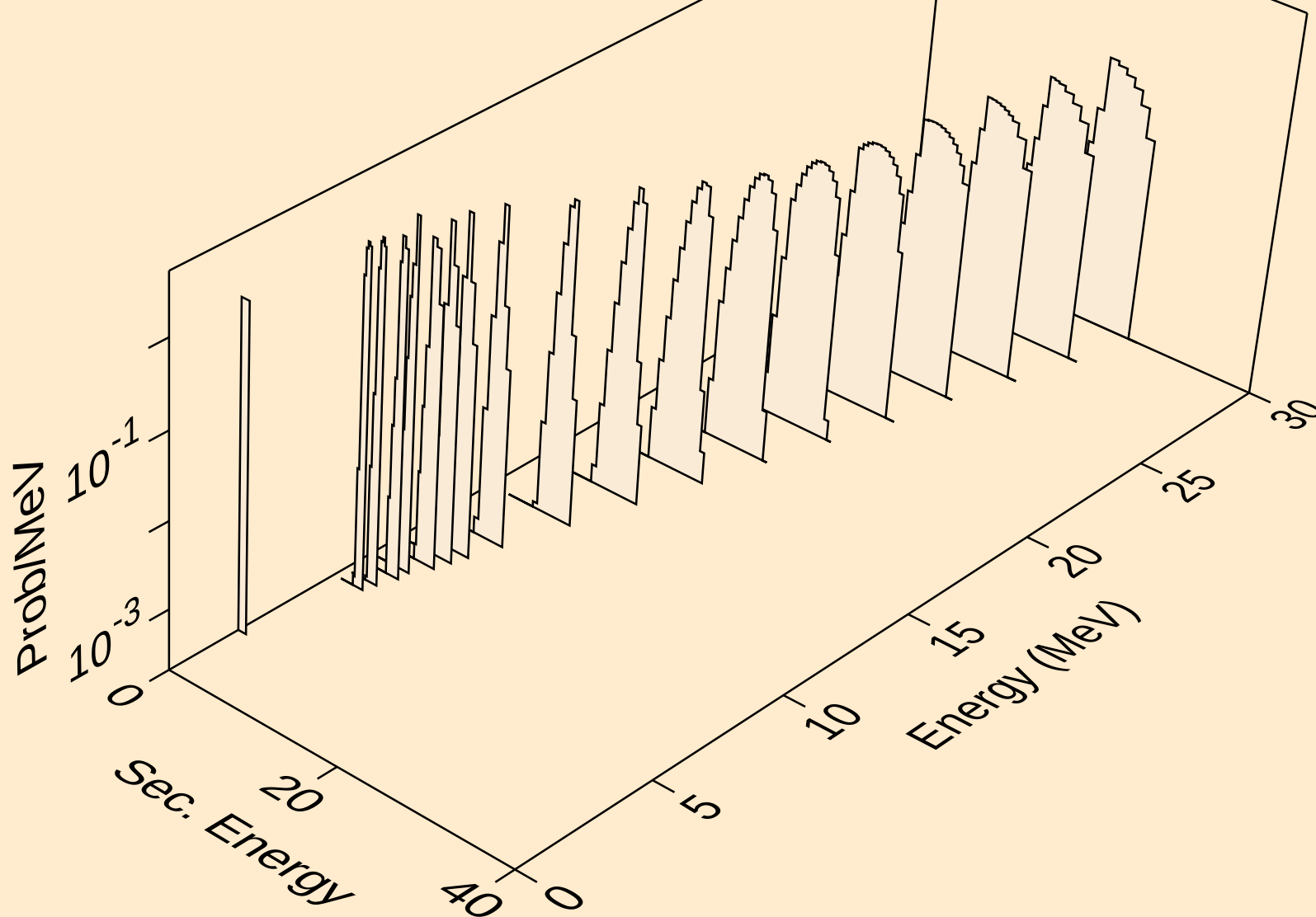
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



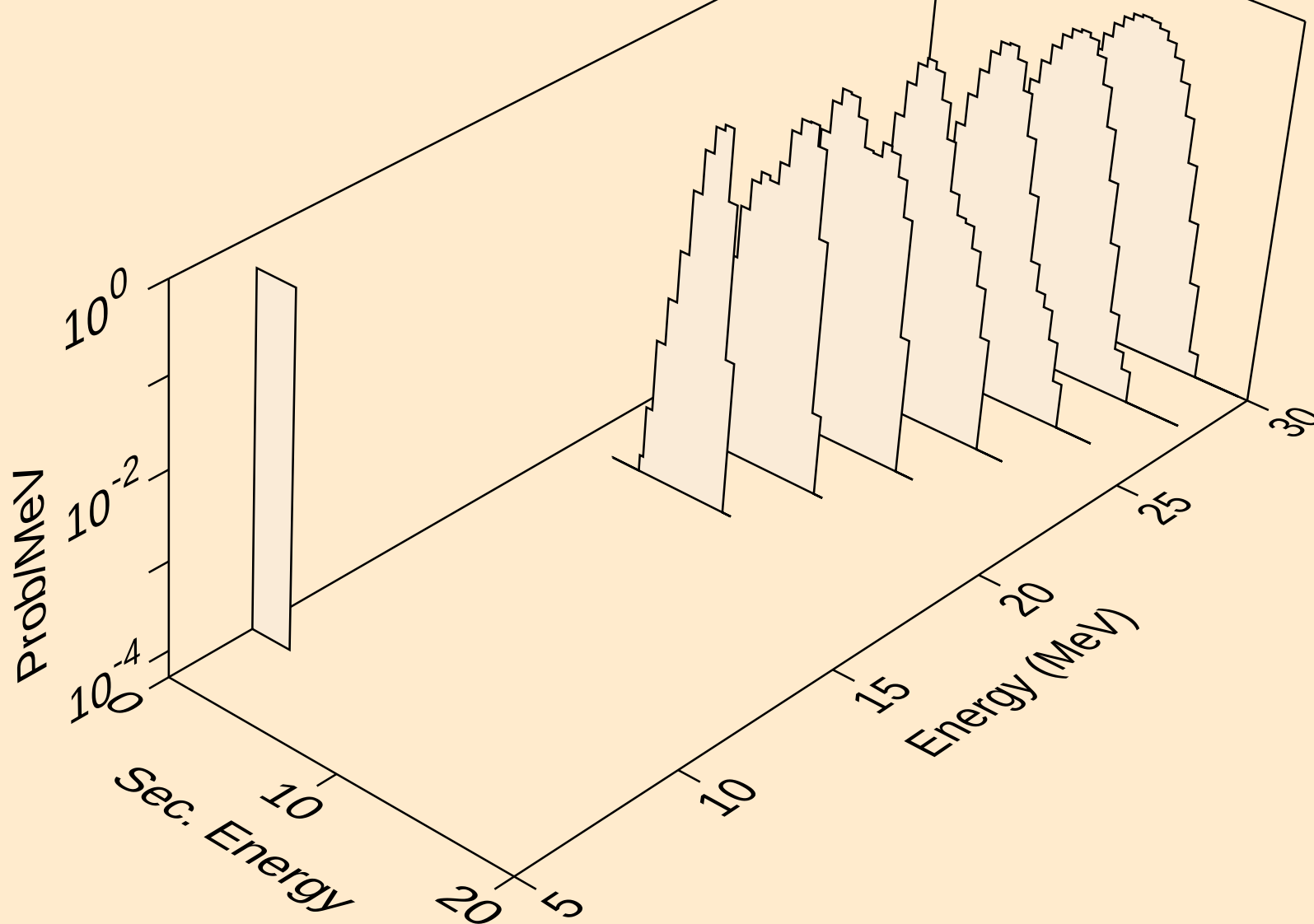
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



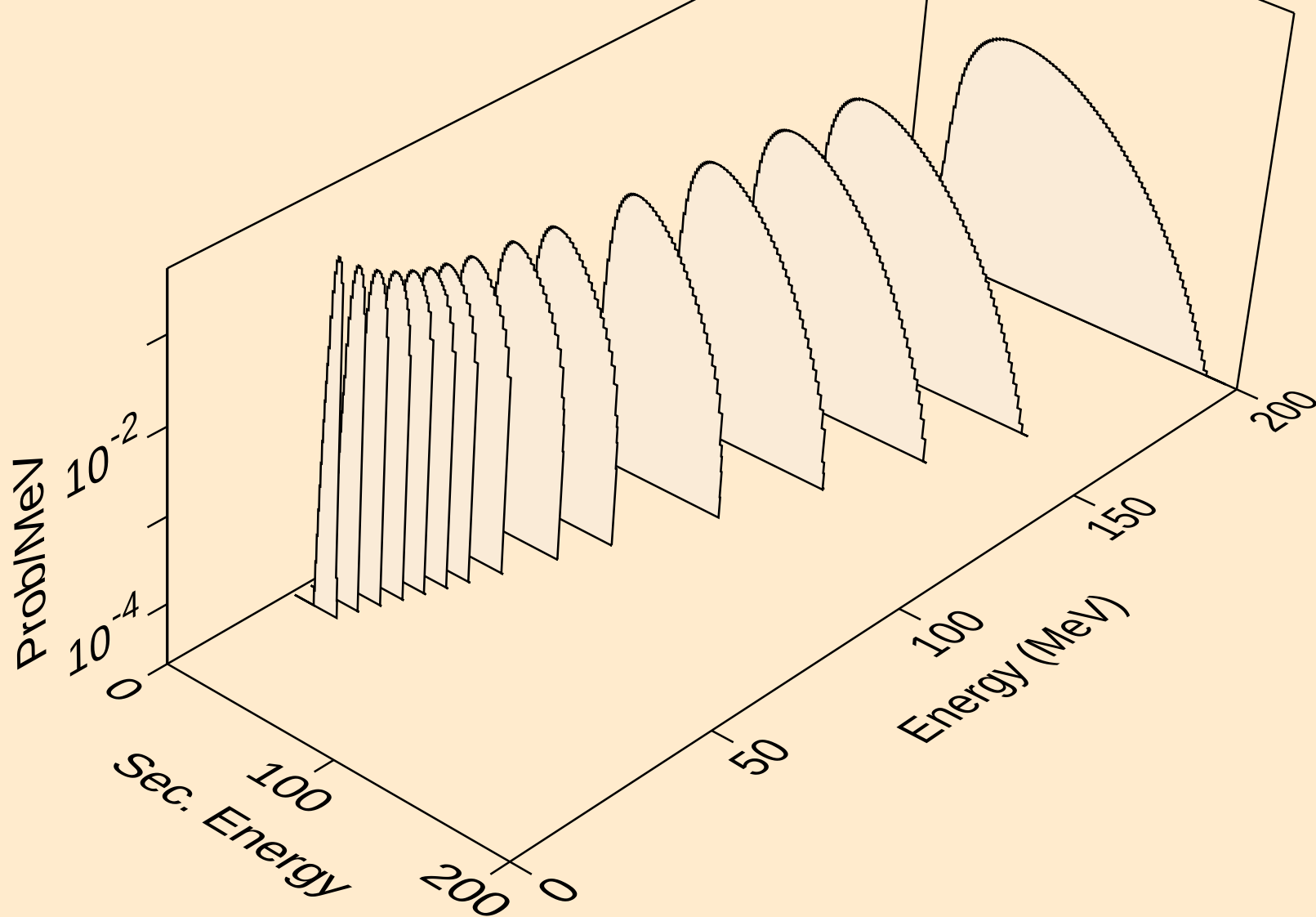
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



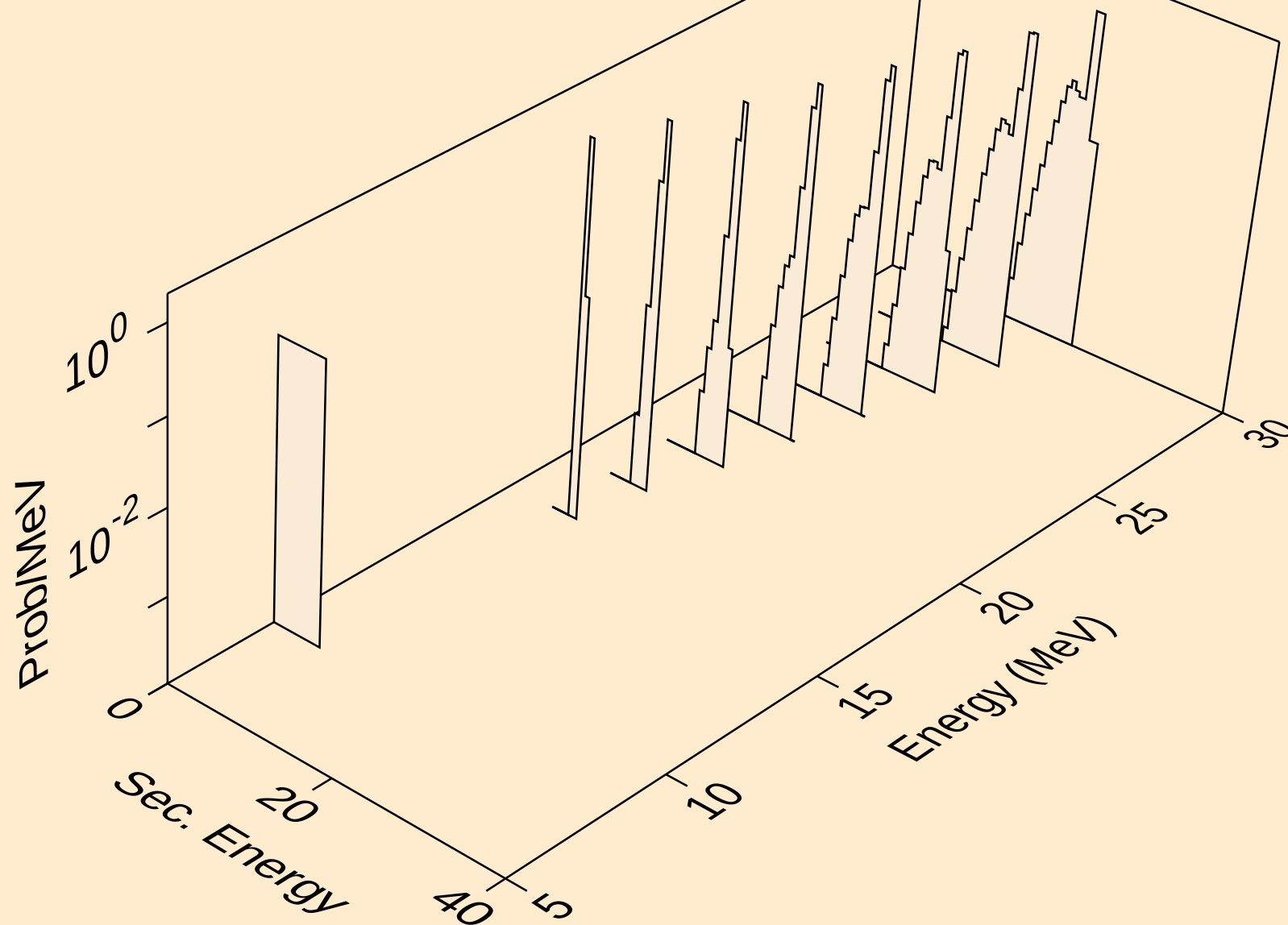
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



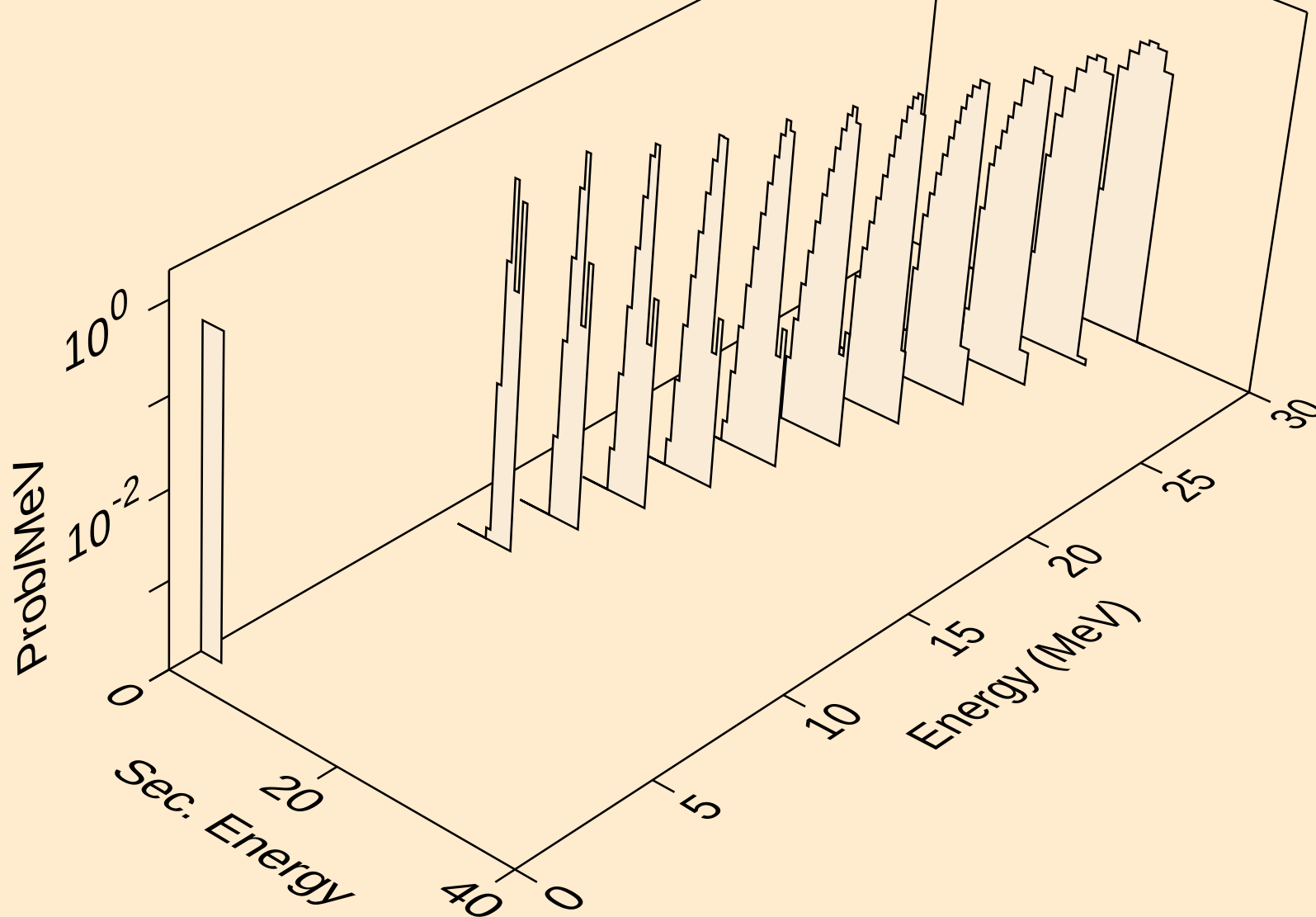
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



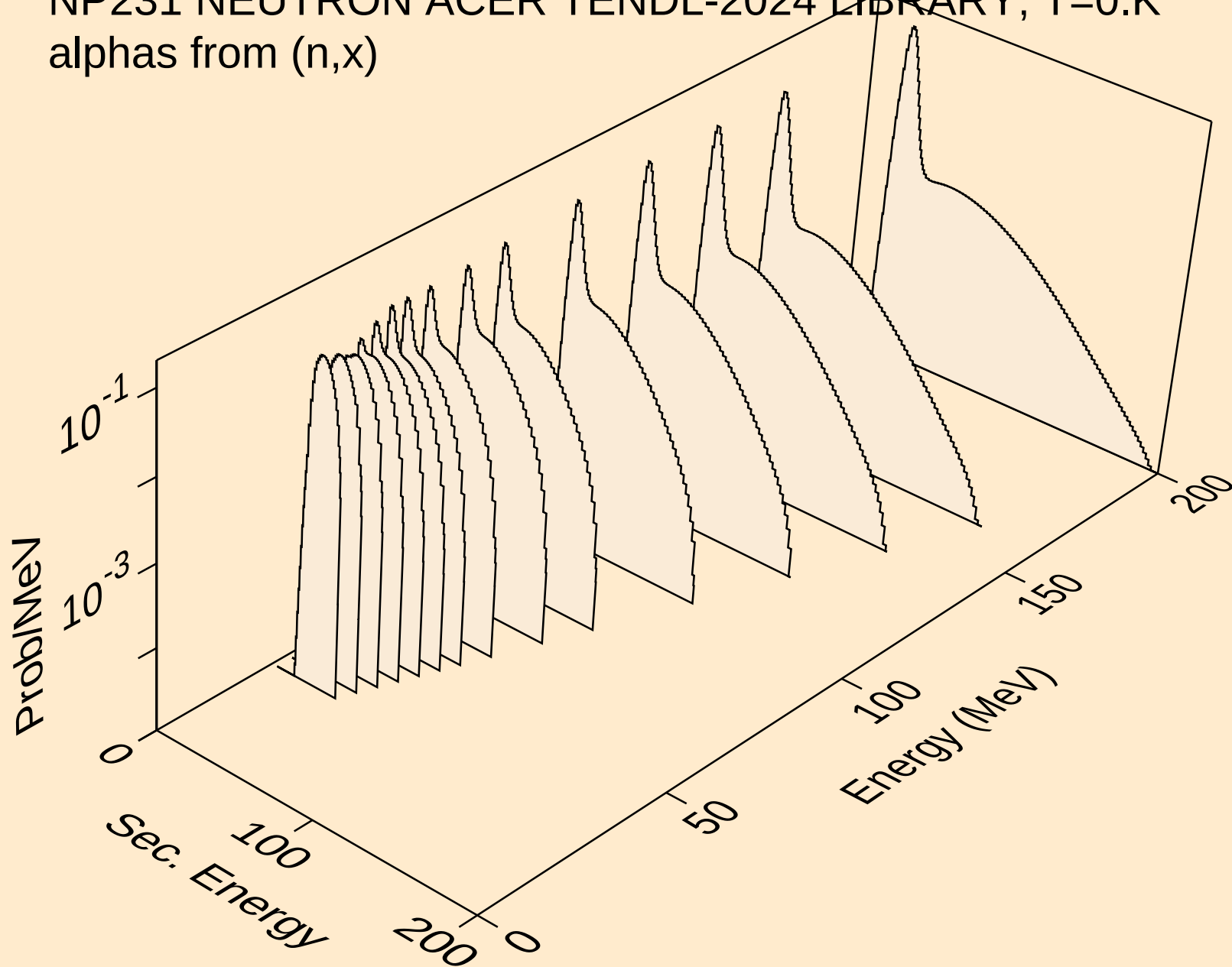
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



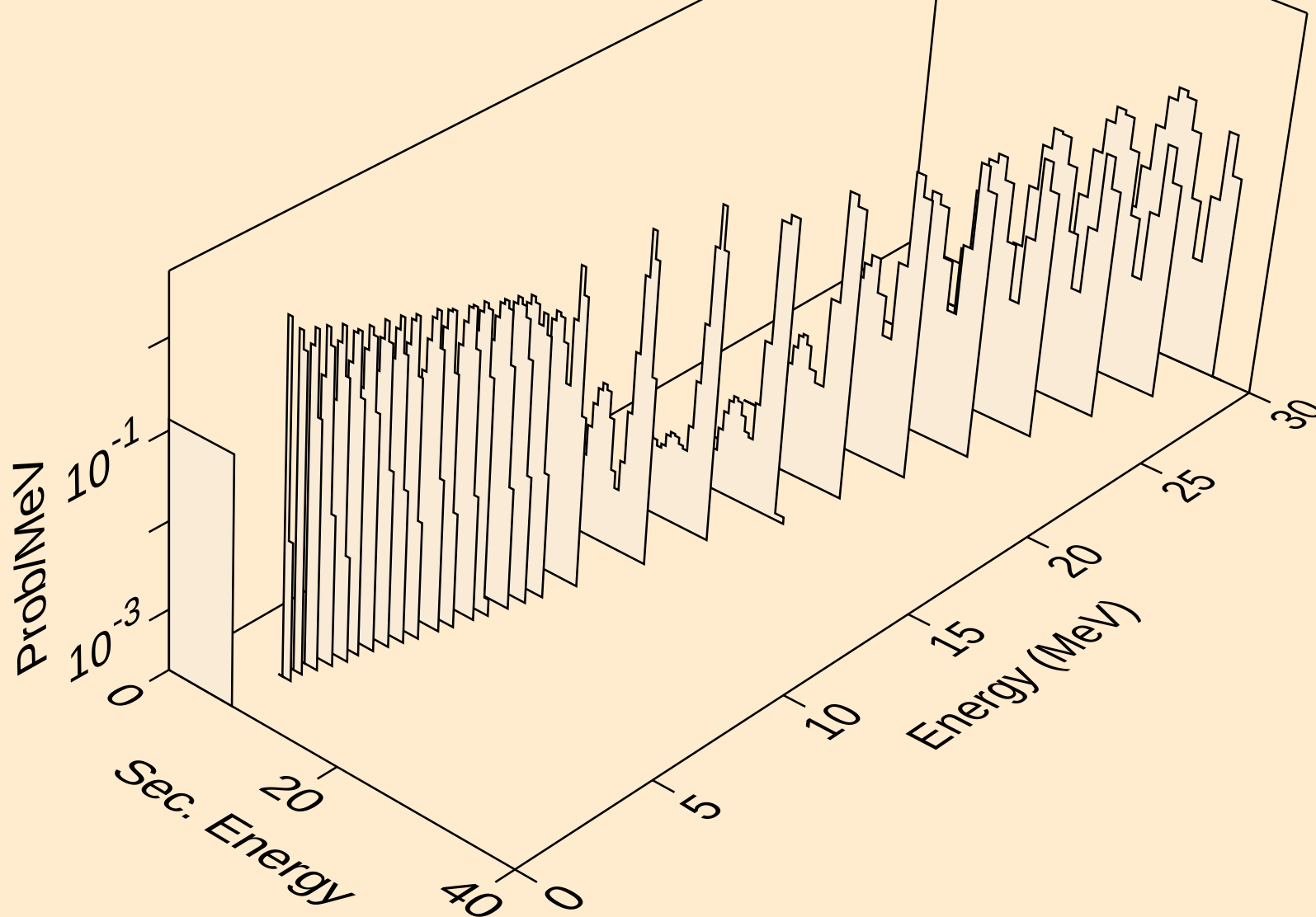
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



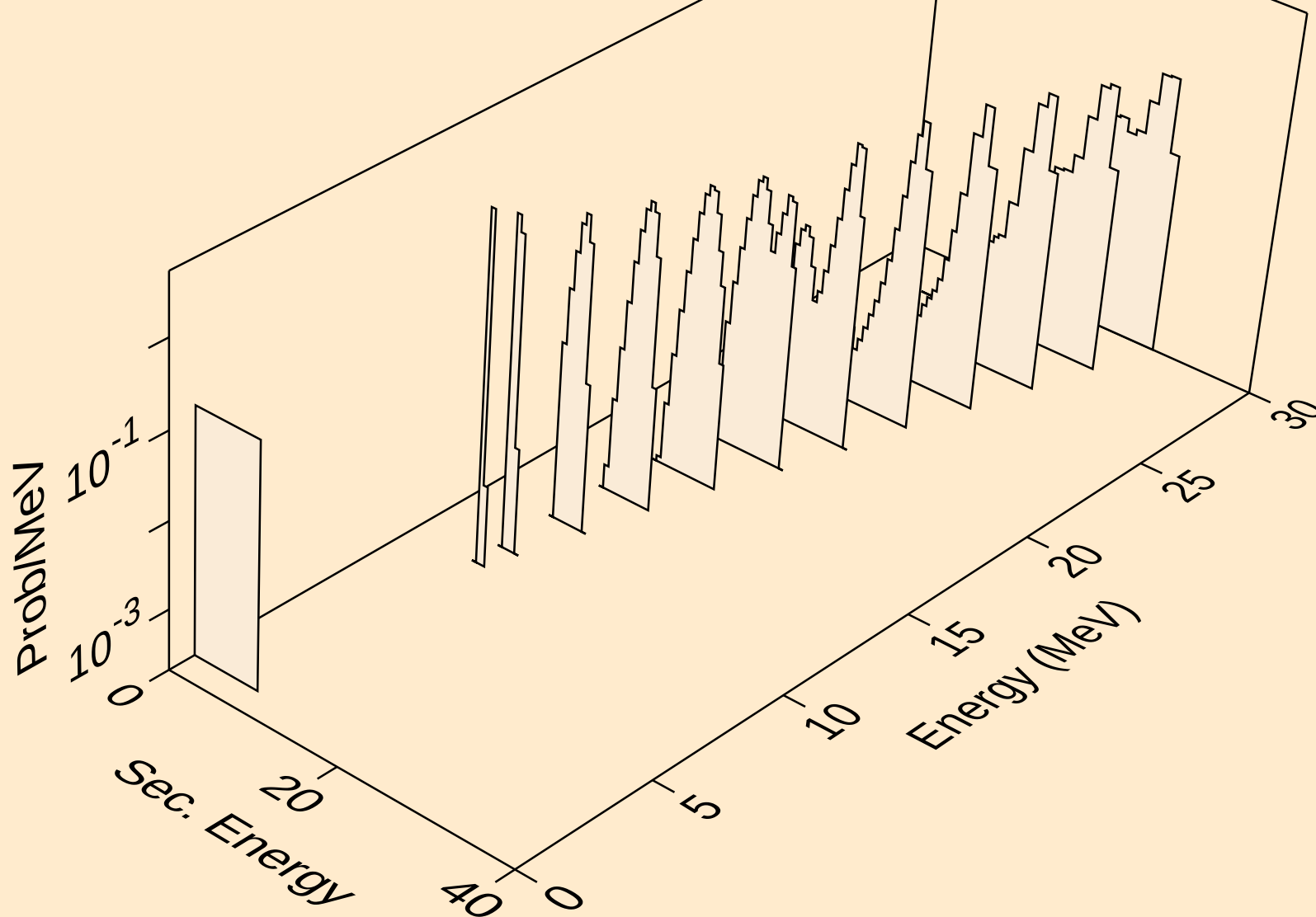
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



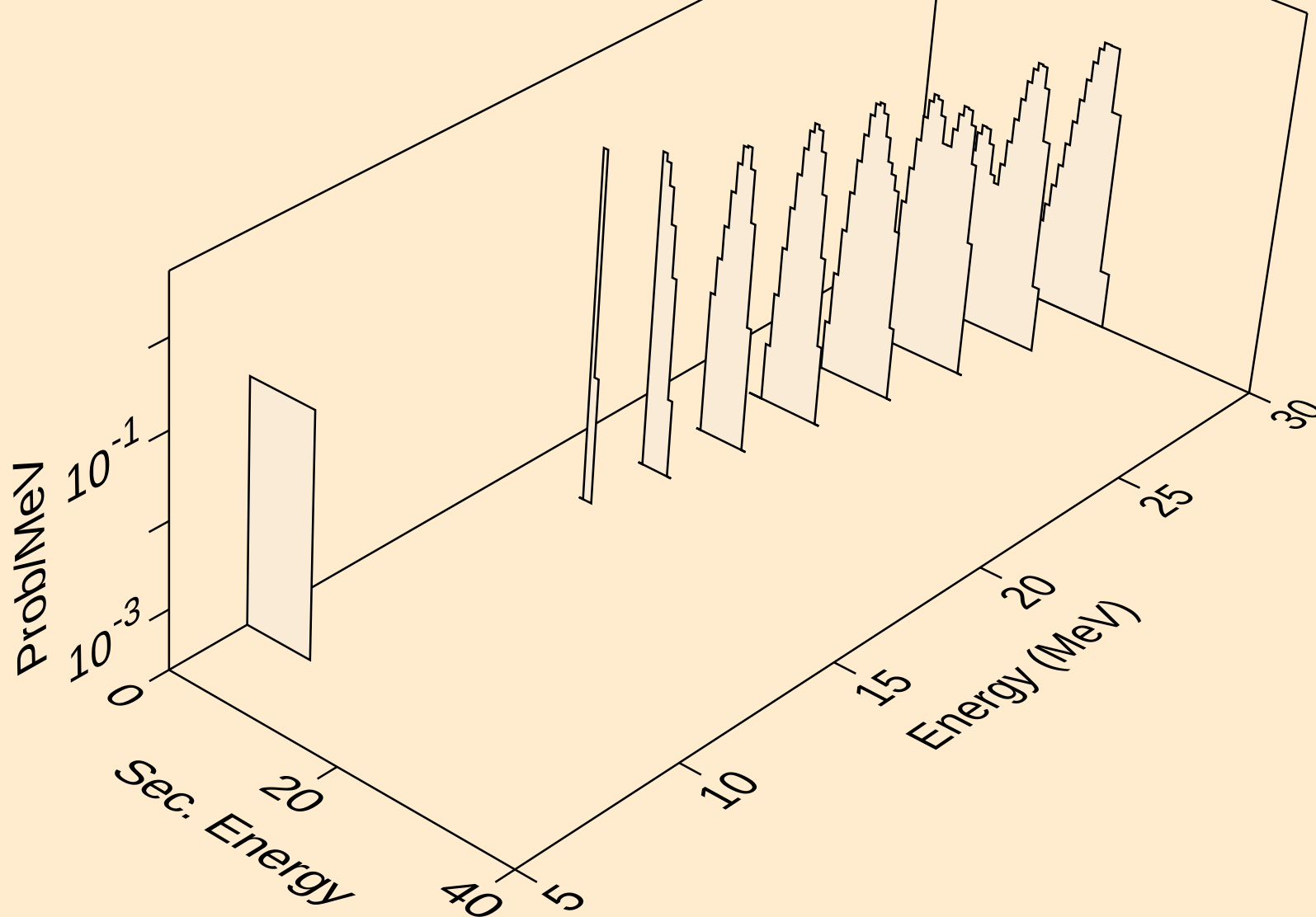
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



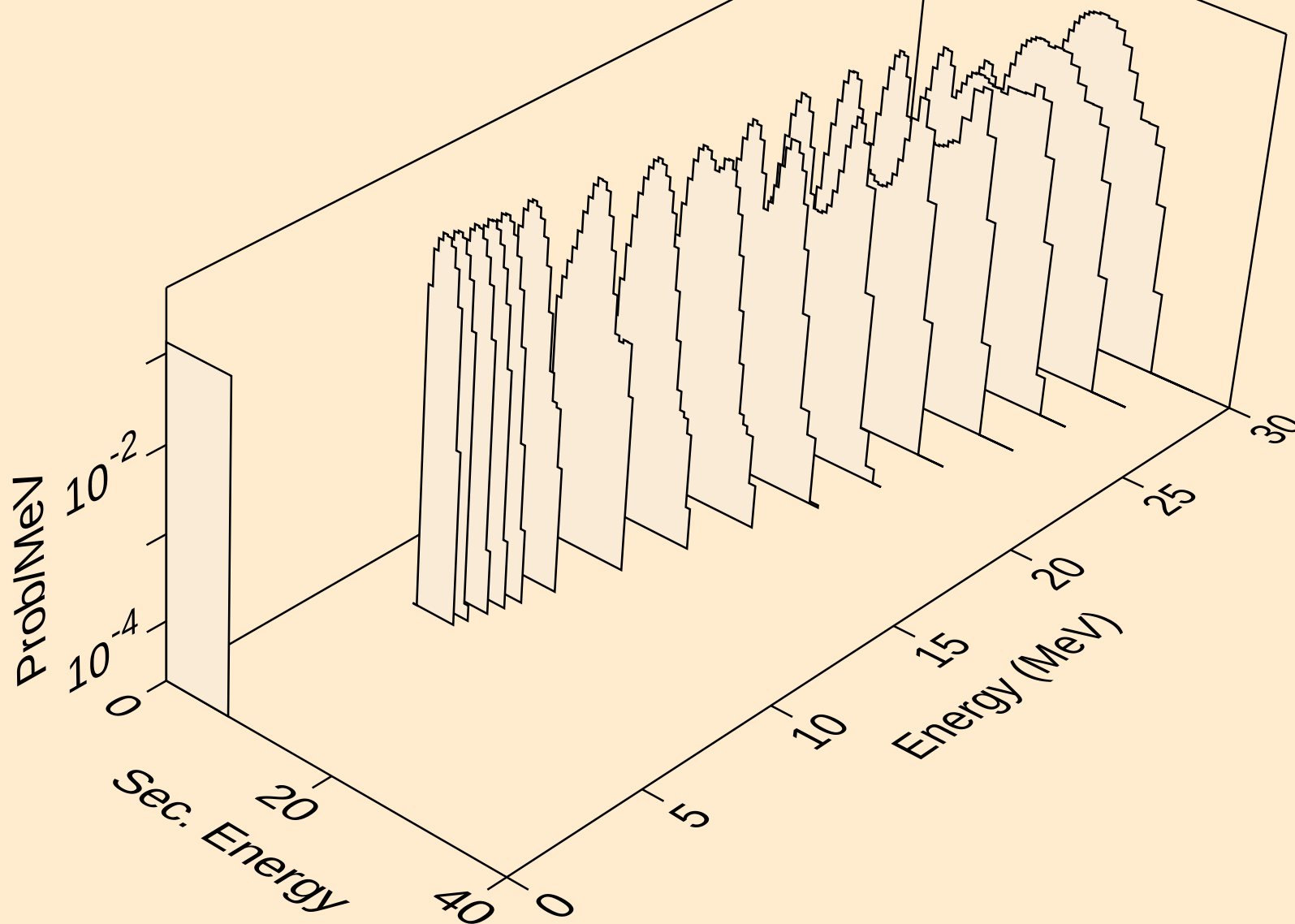
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



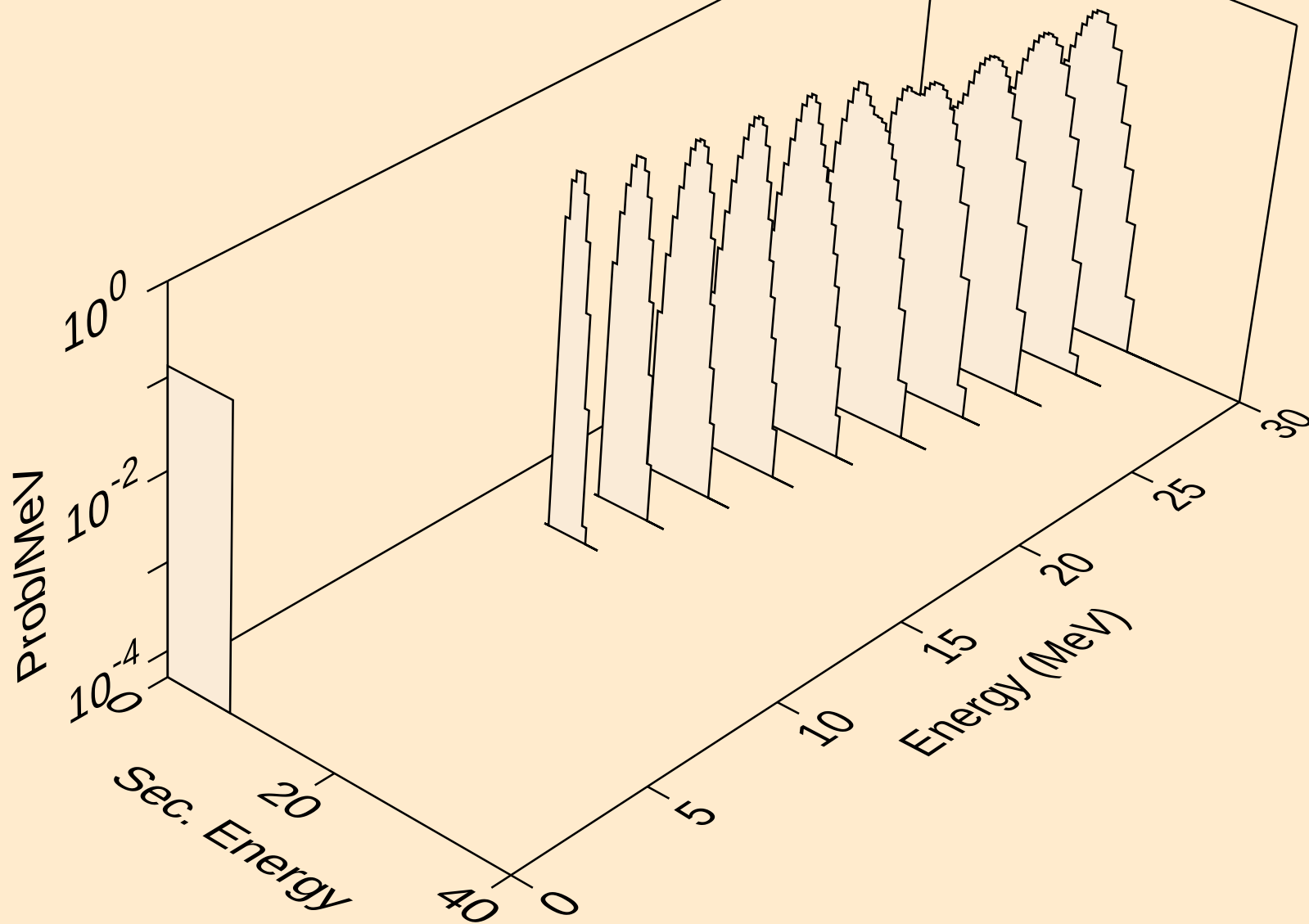
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



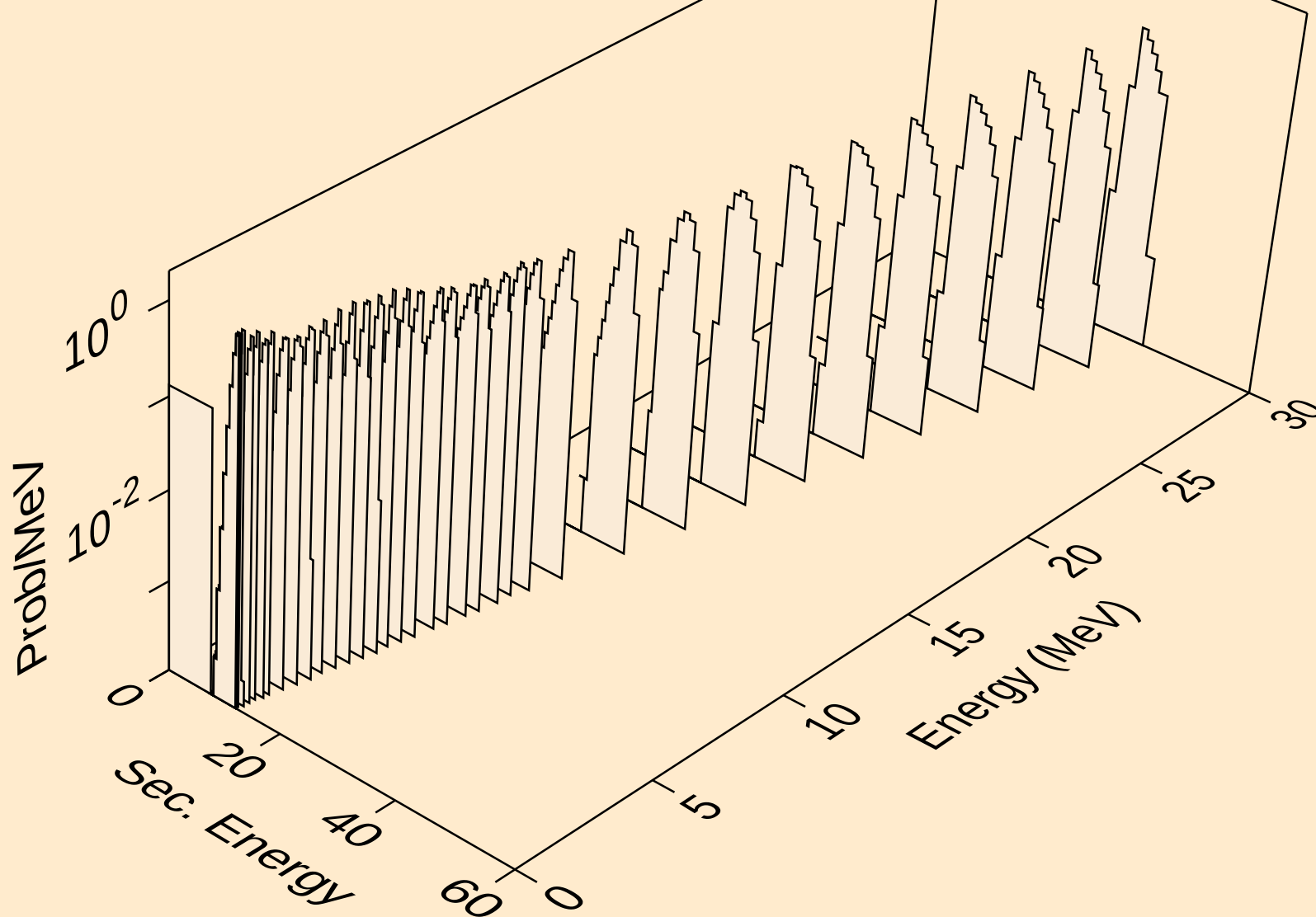
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



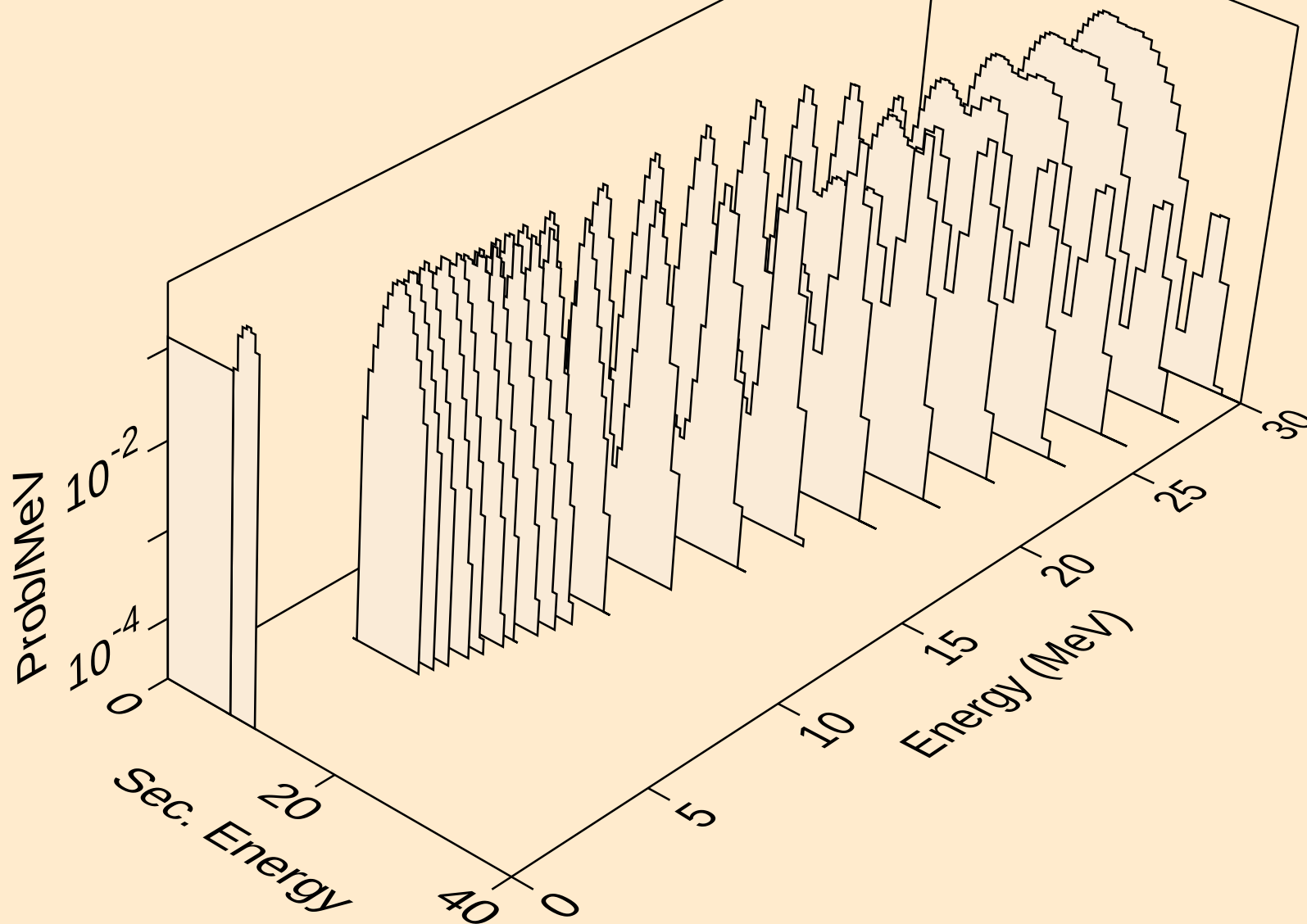
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



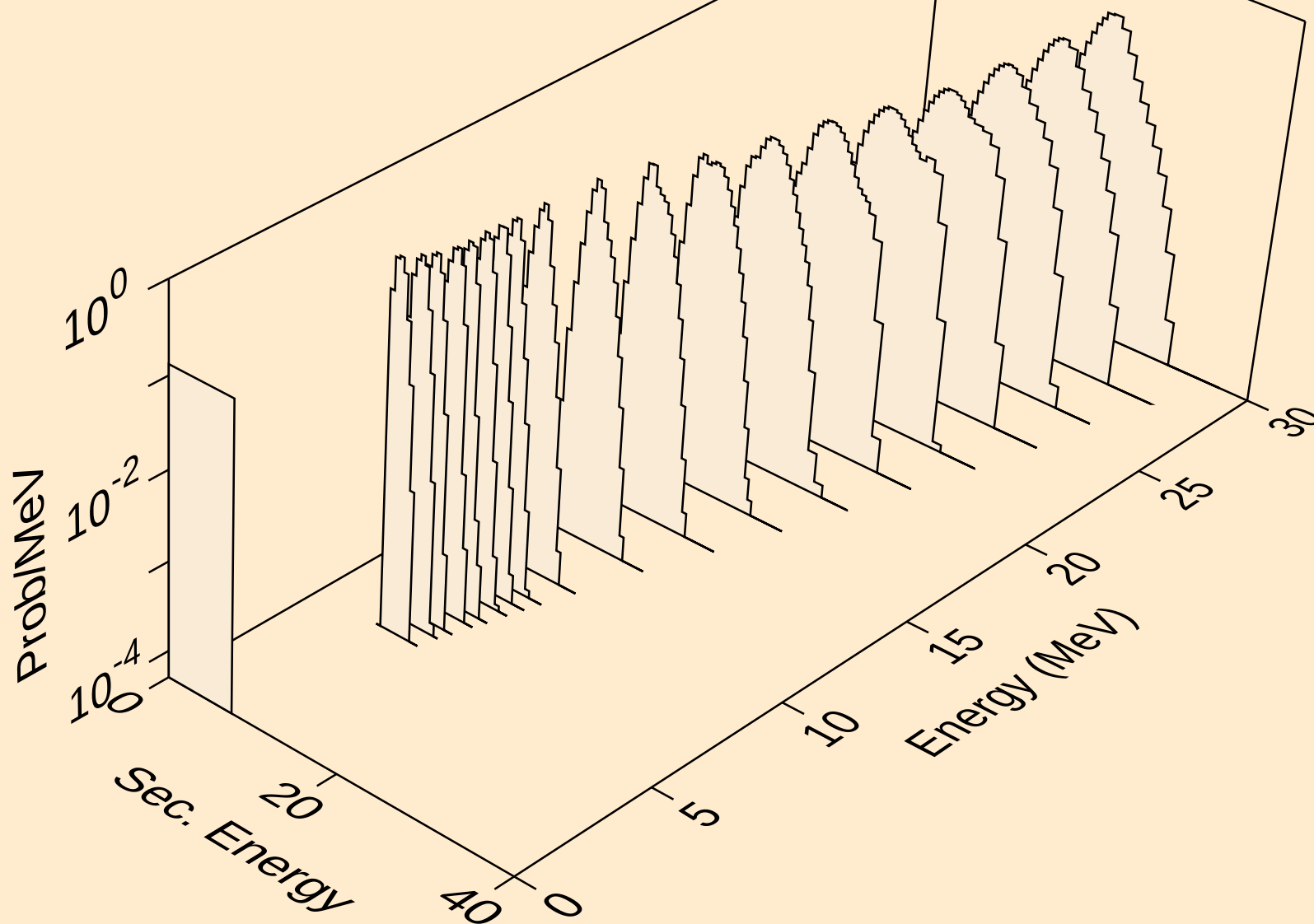
NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



NP231 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

