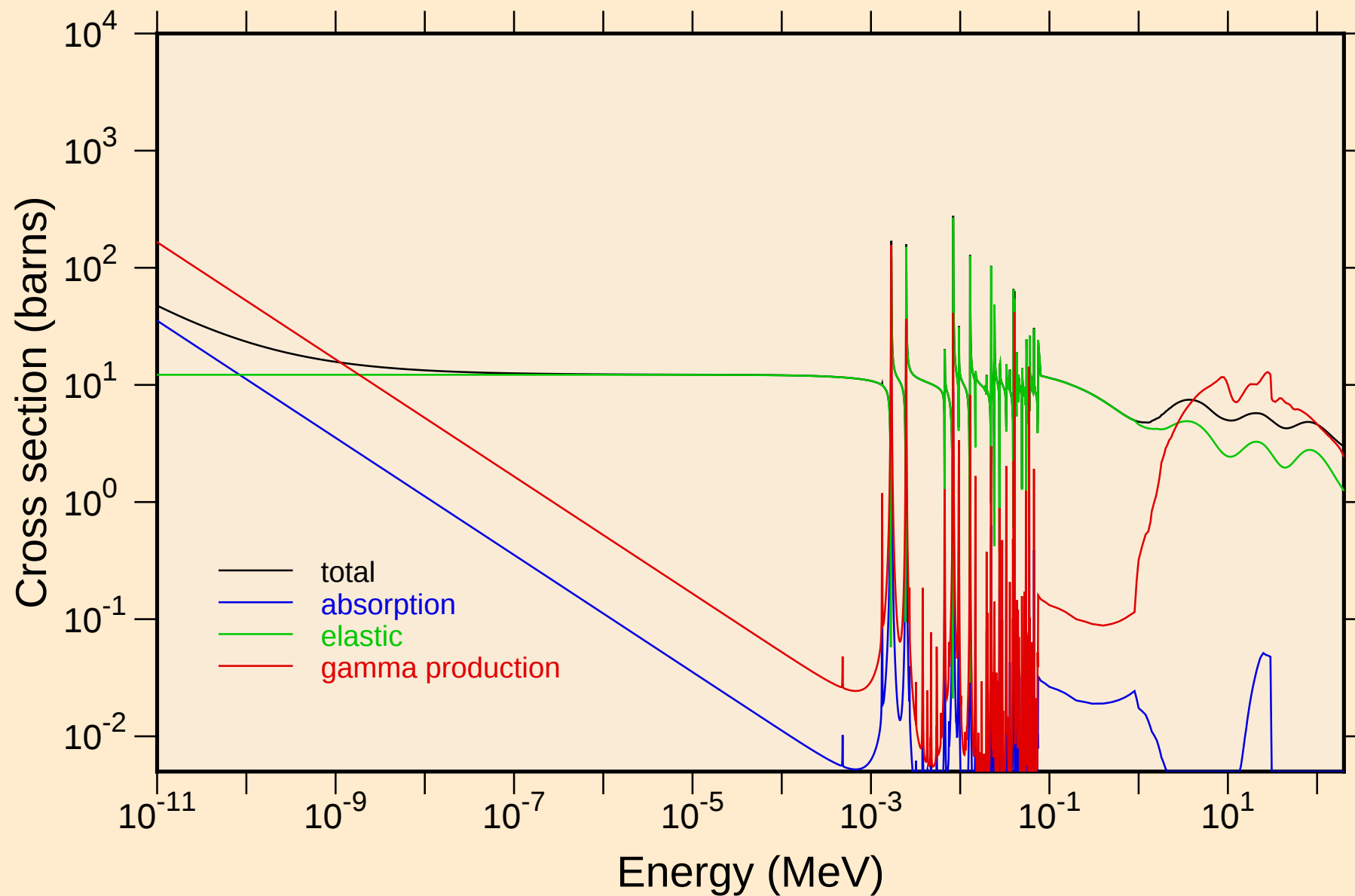
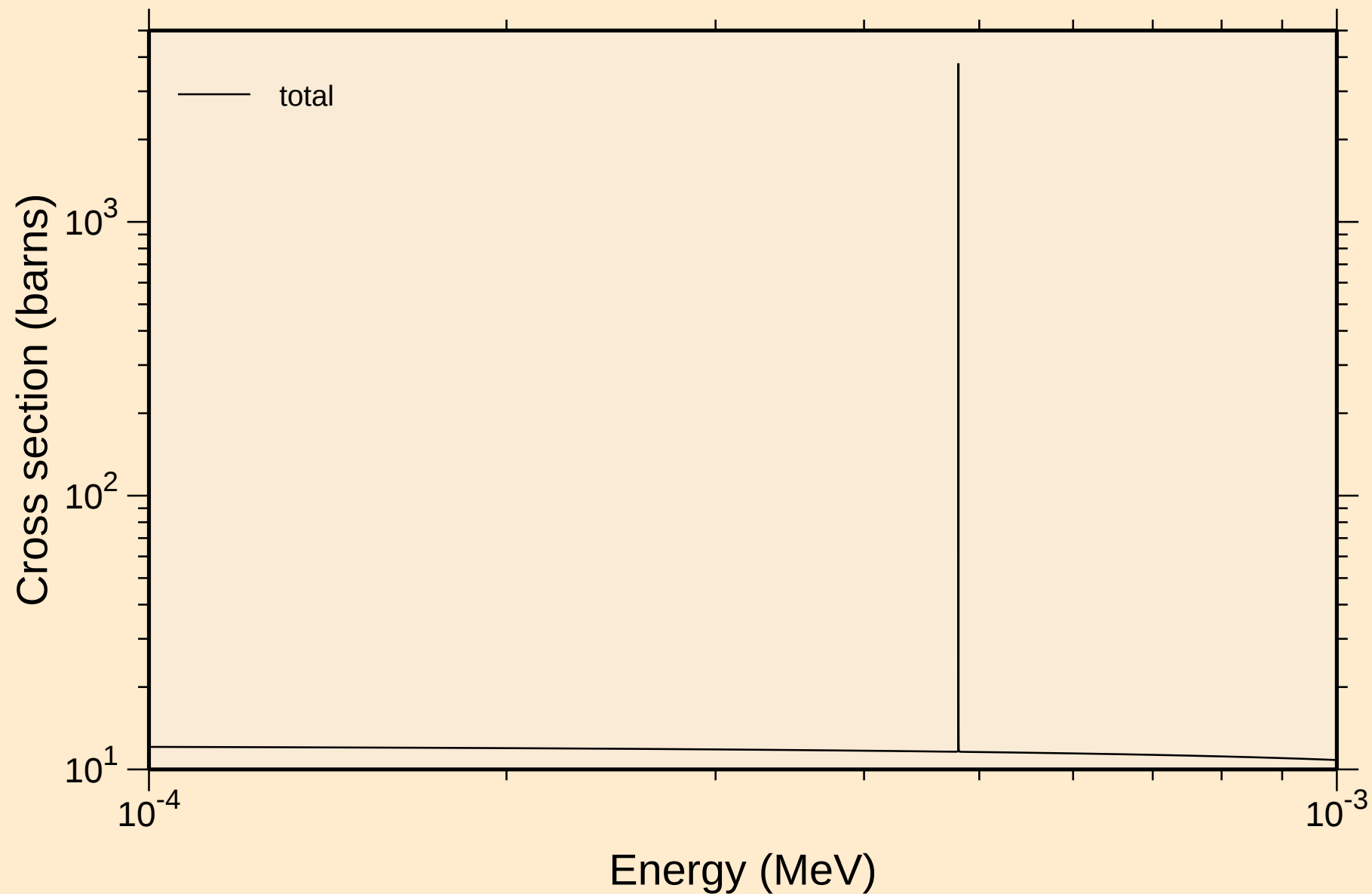


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

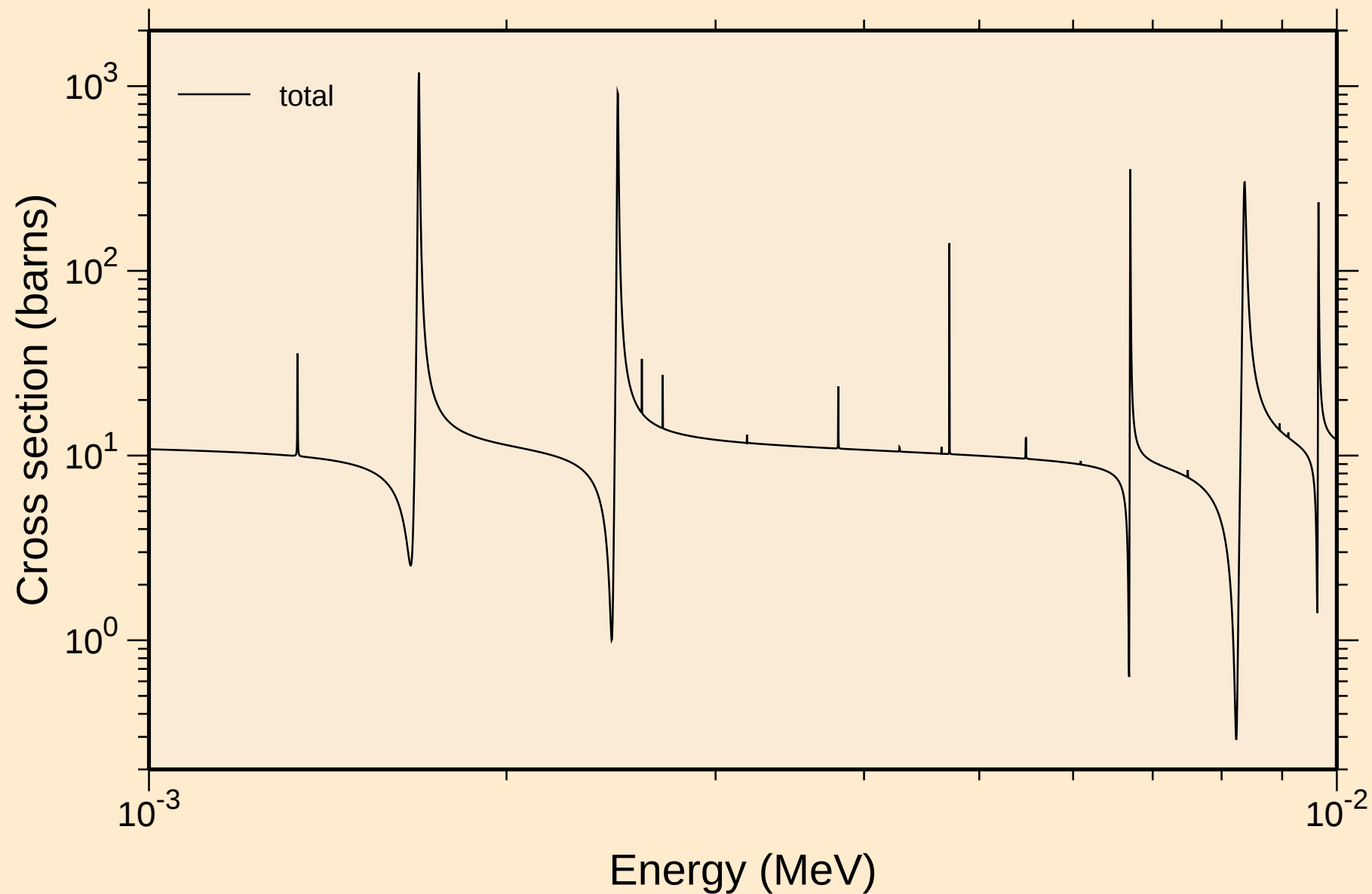
## Principal cross sections



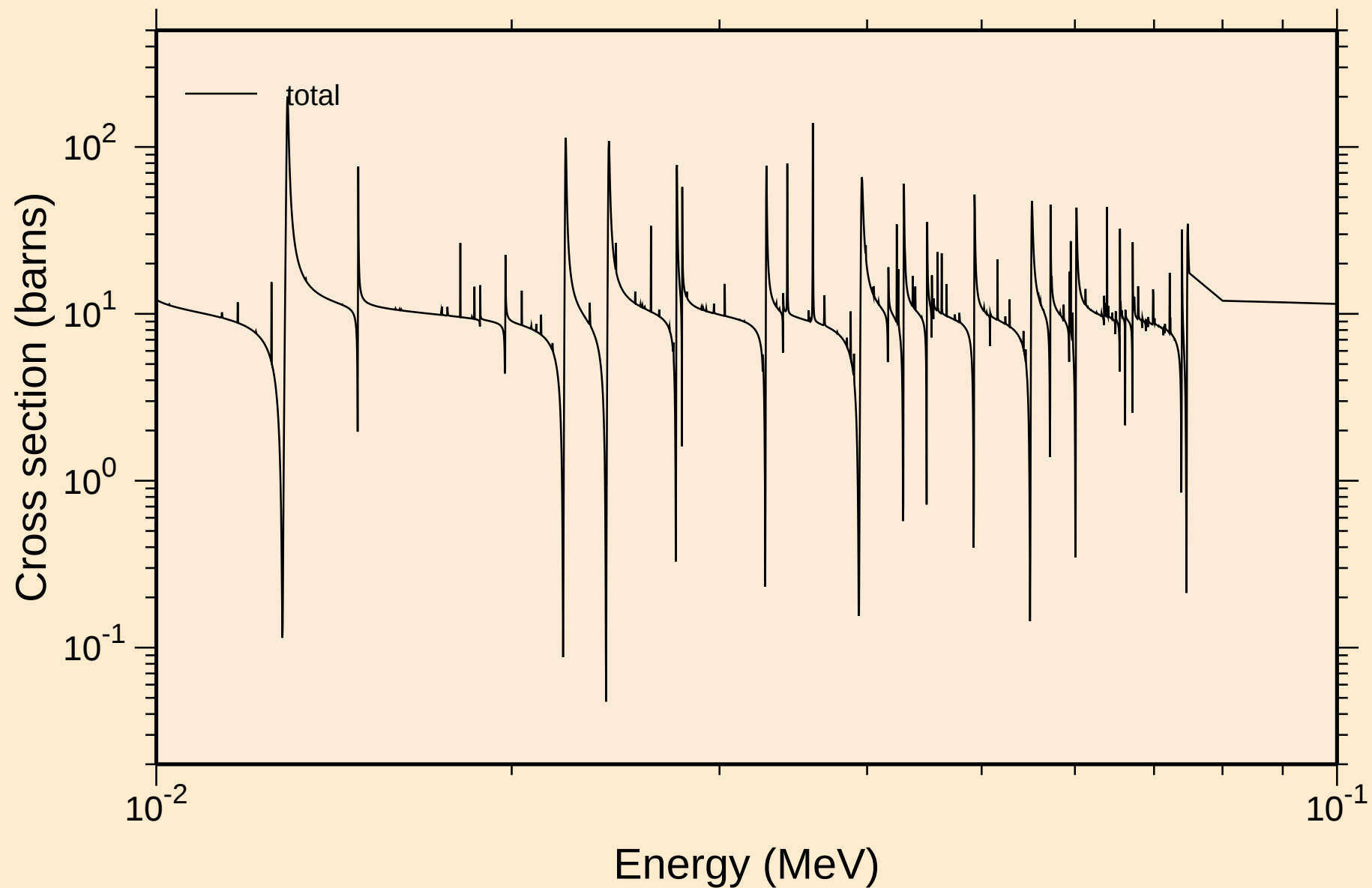
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



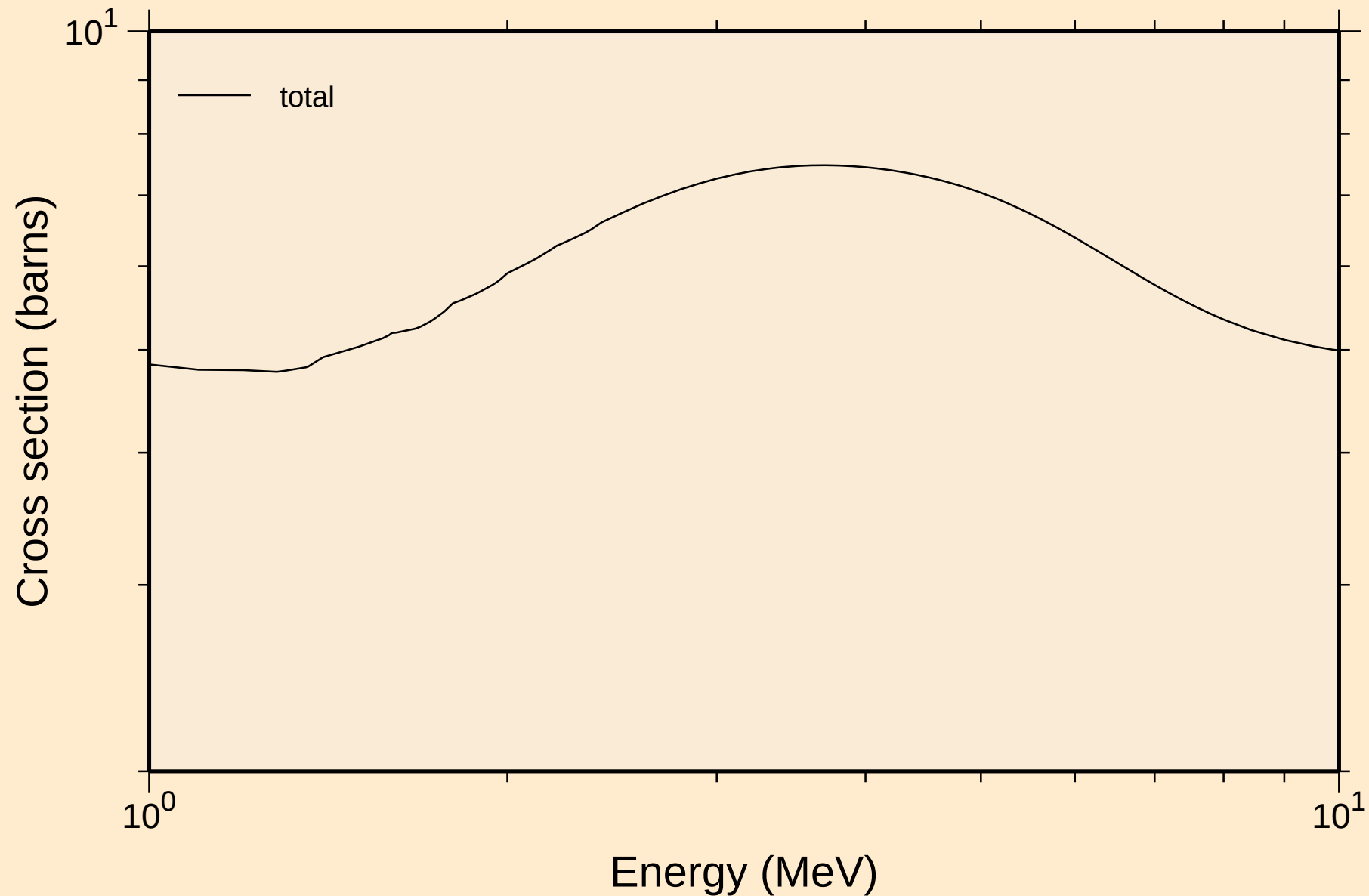
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



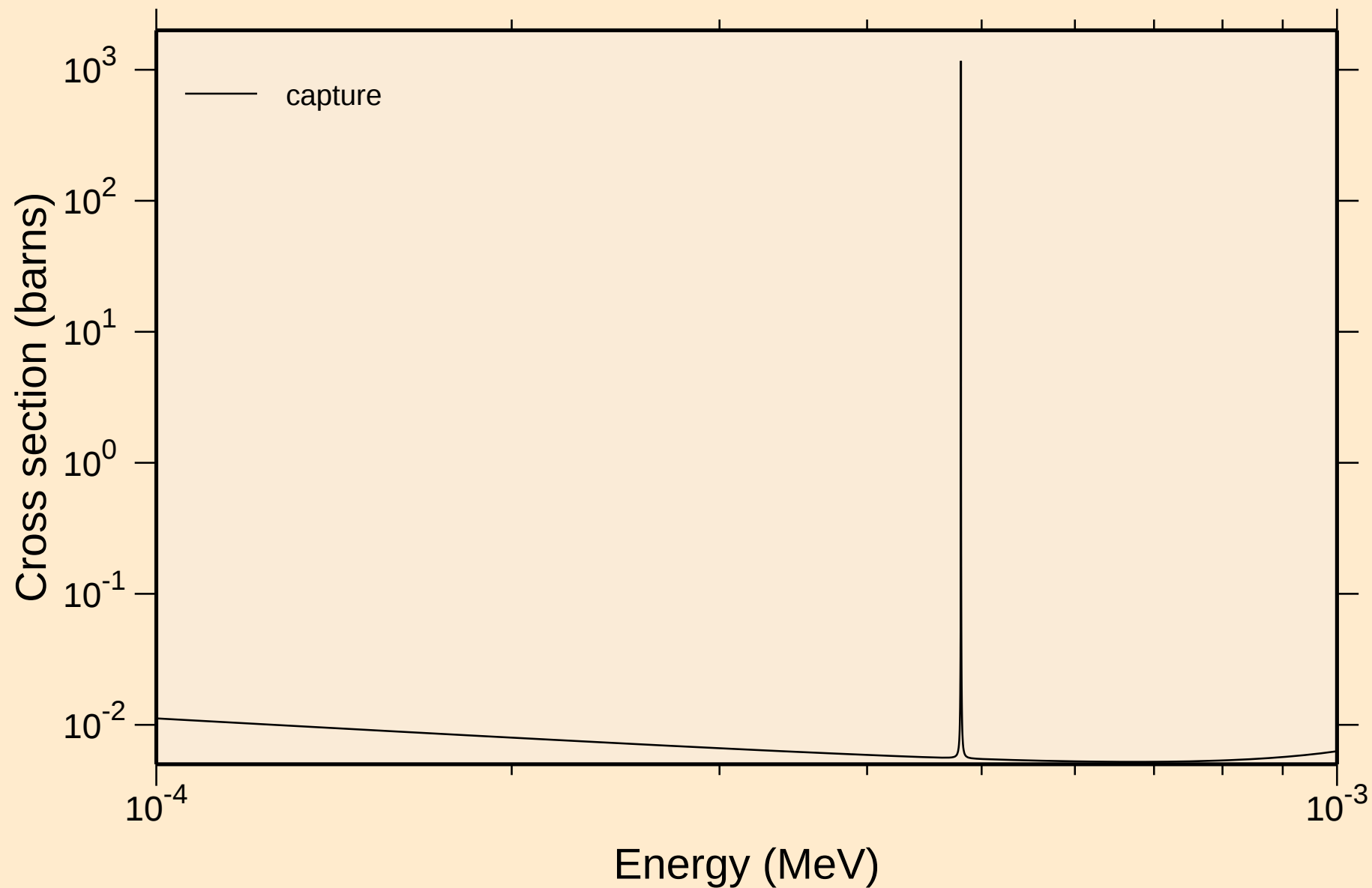
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



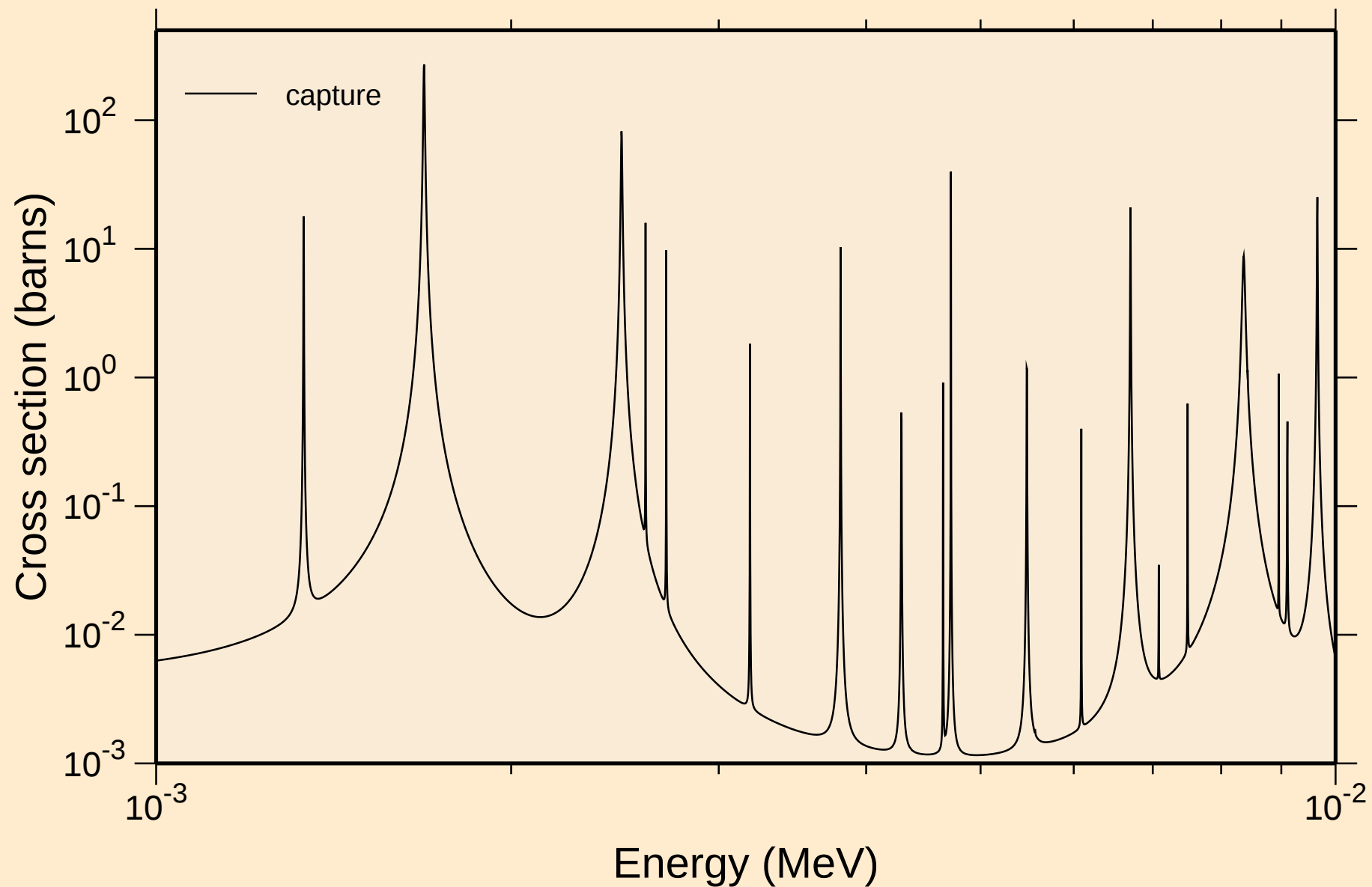
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



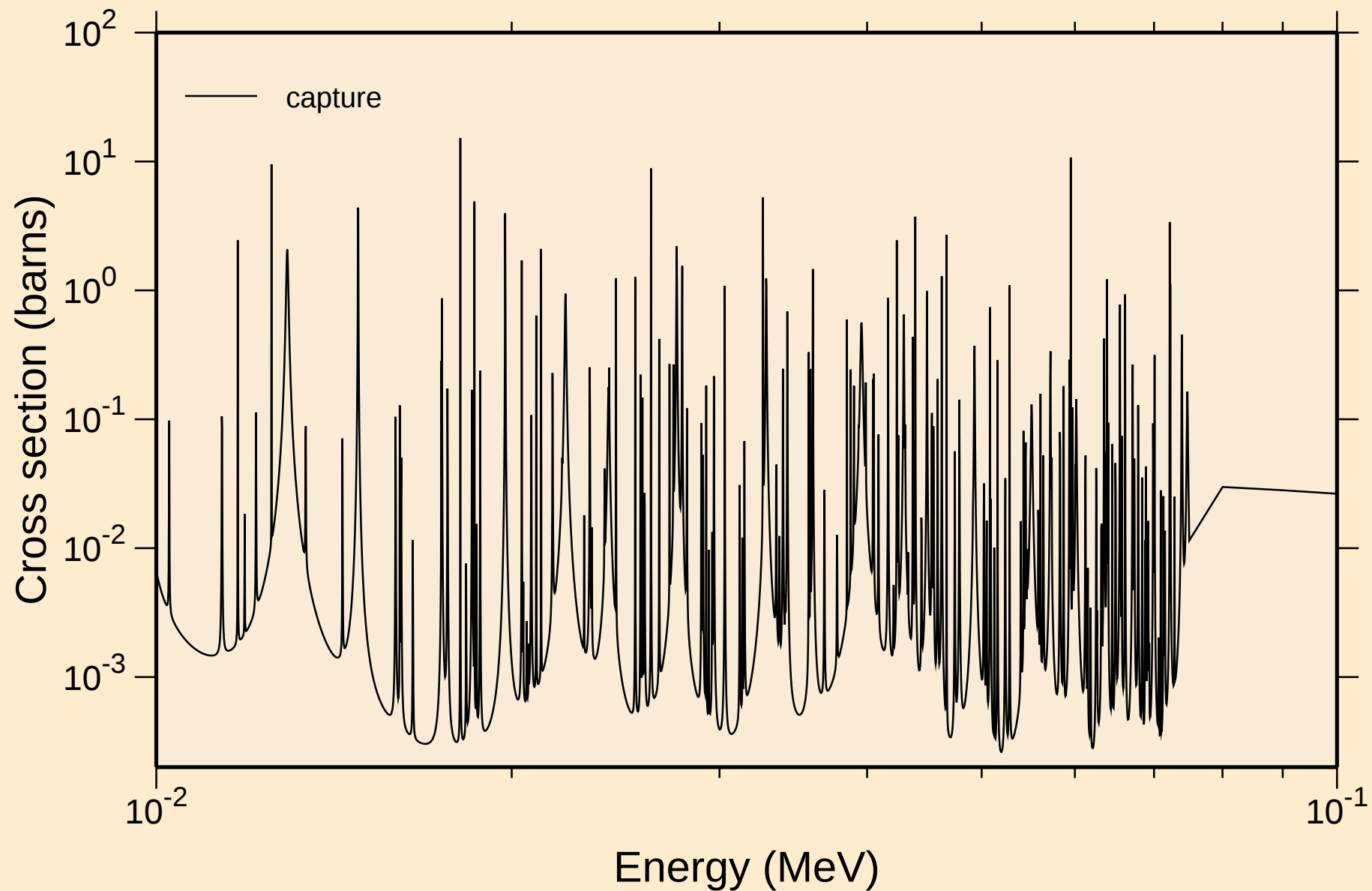
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



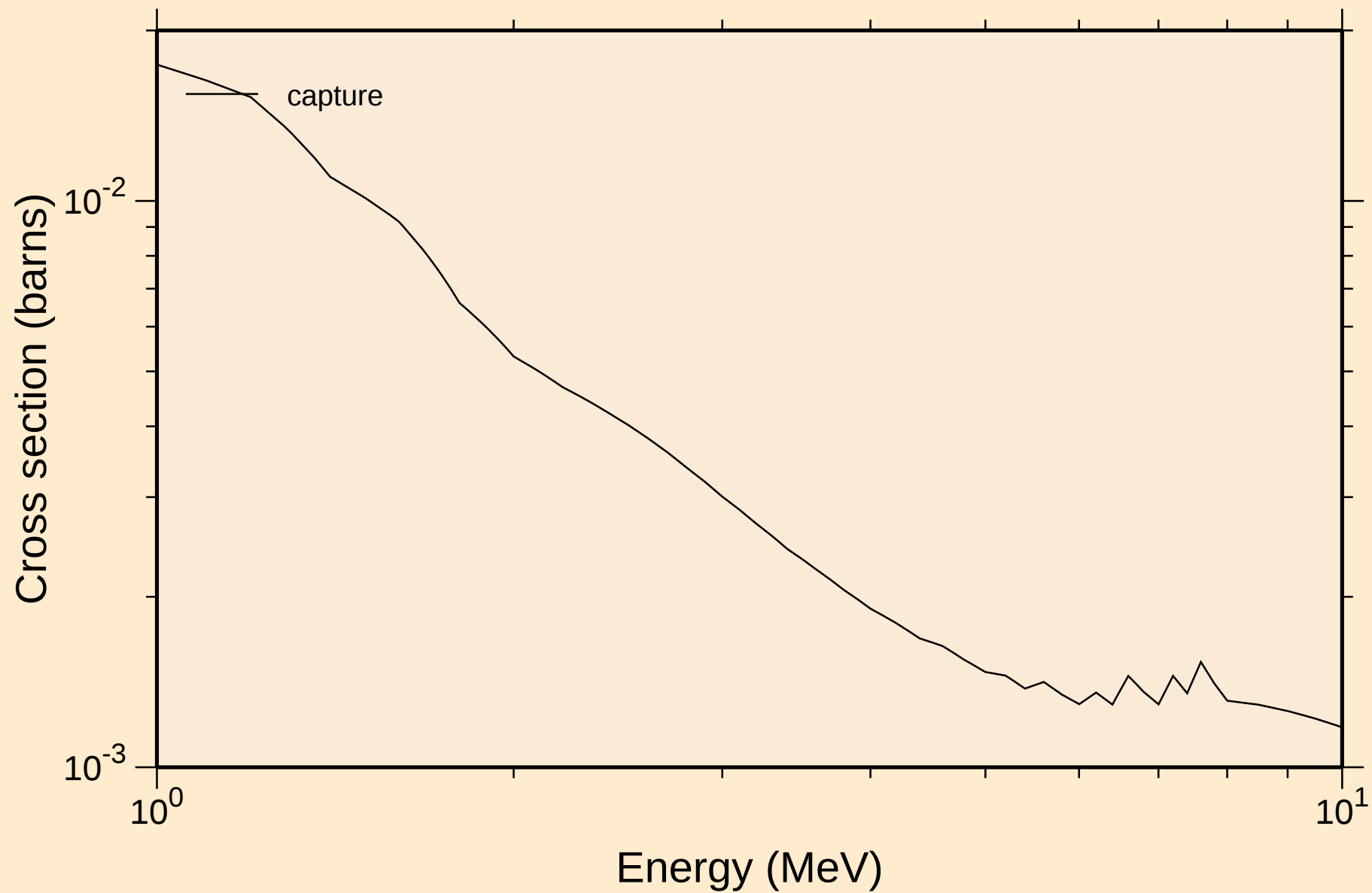
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

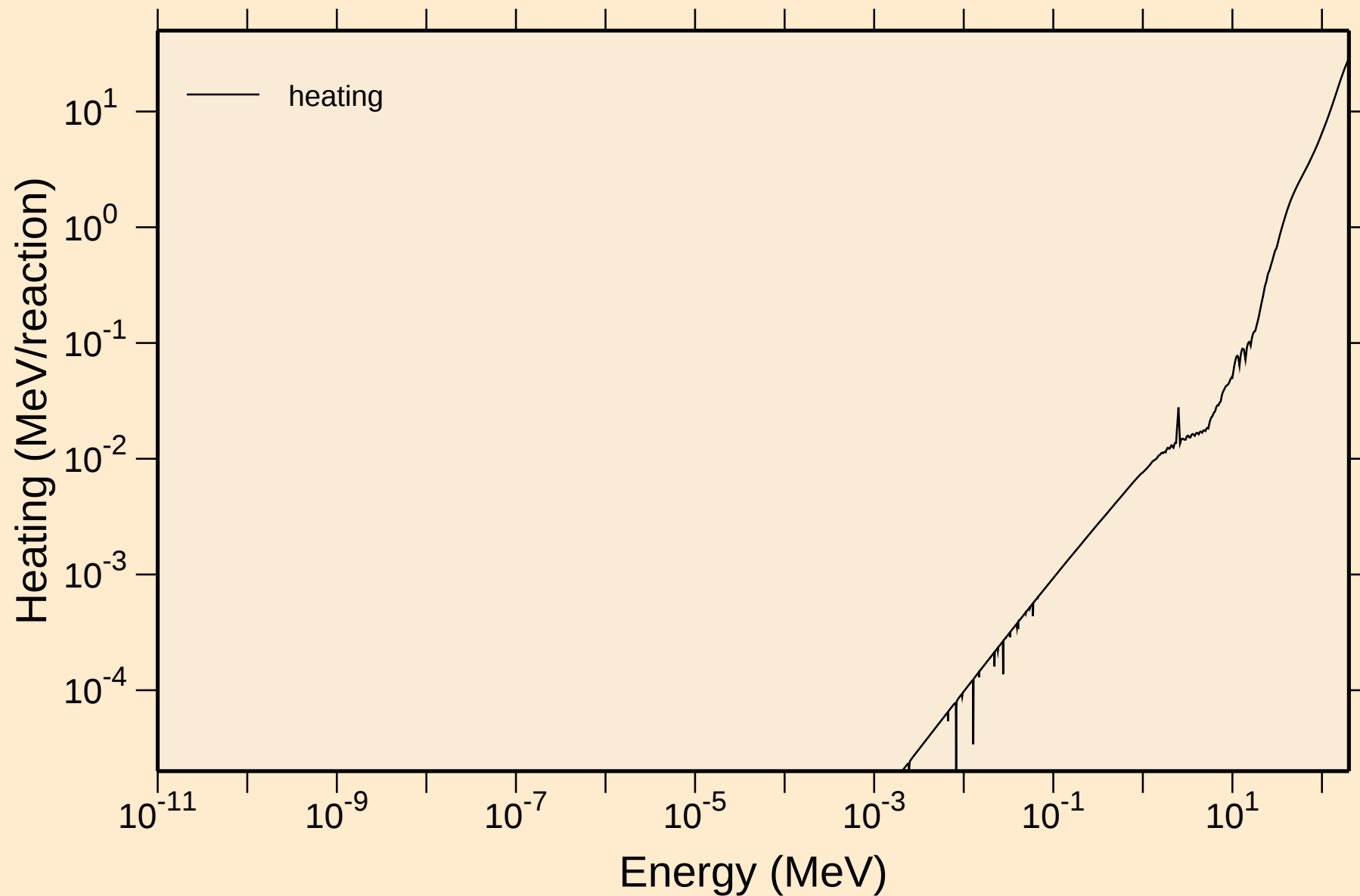


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



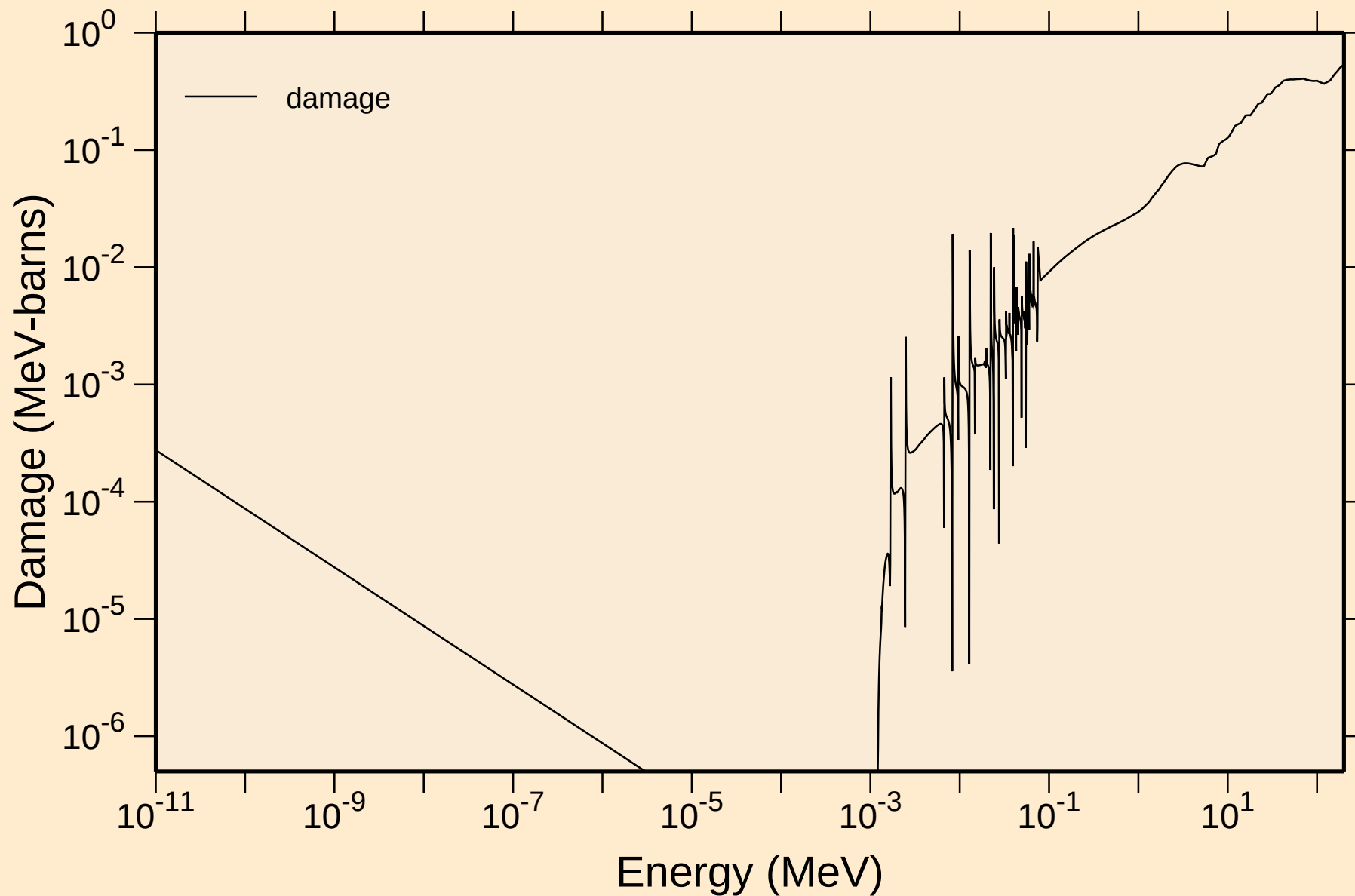
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

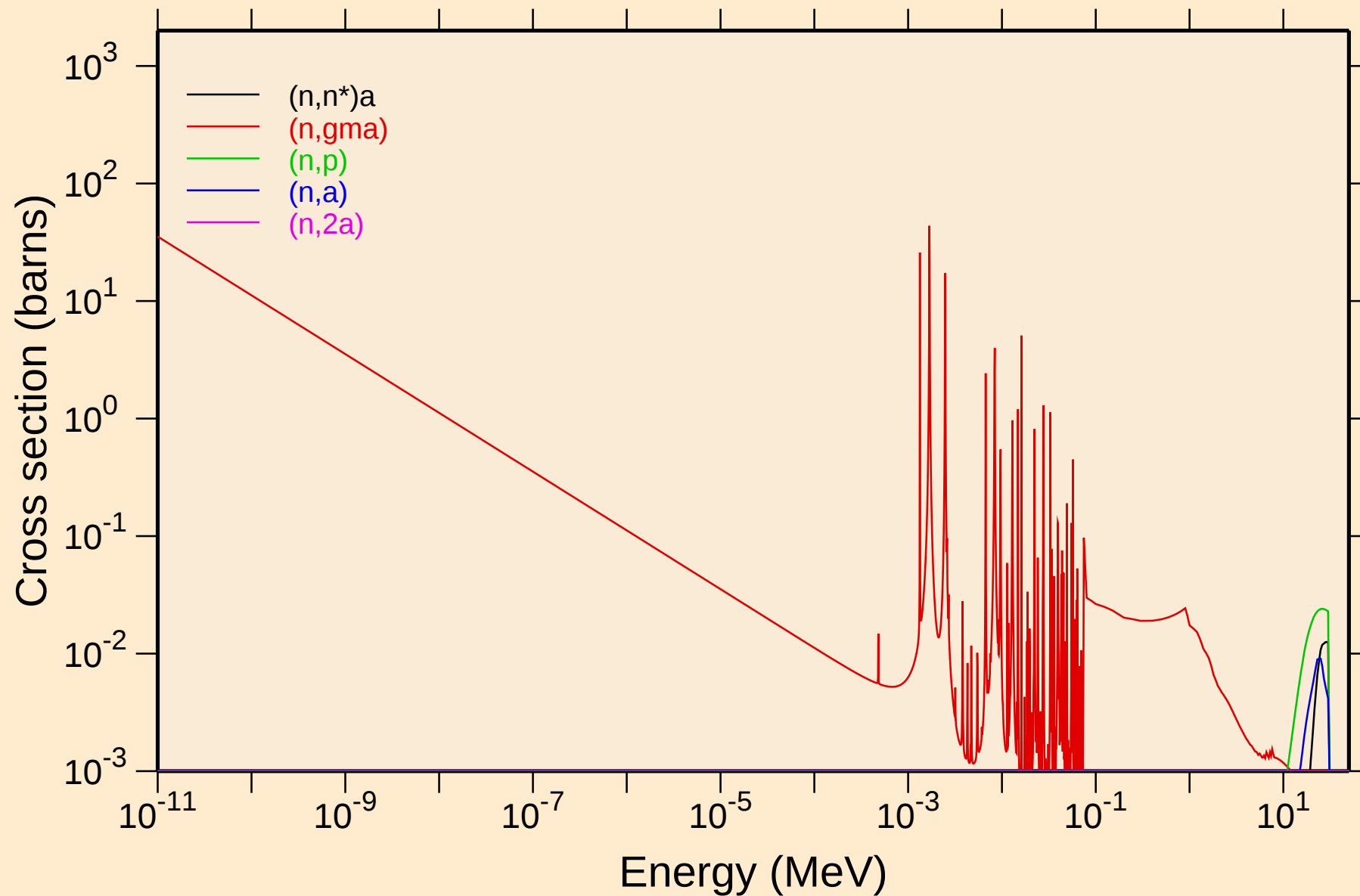


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

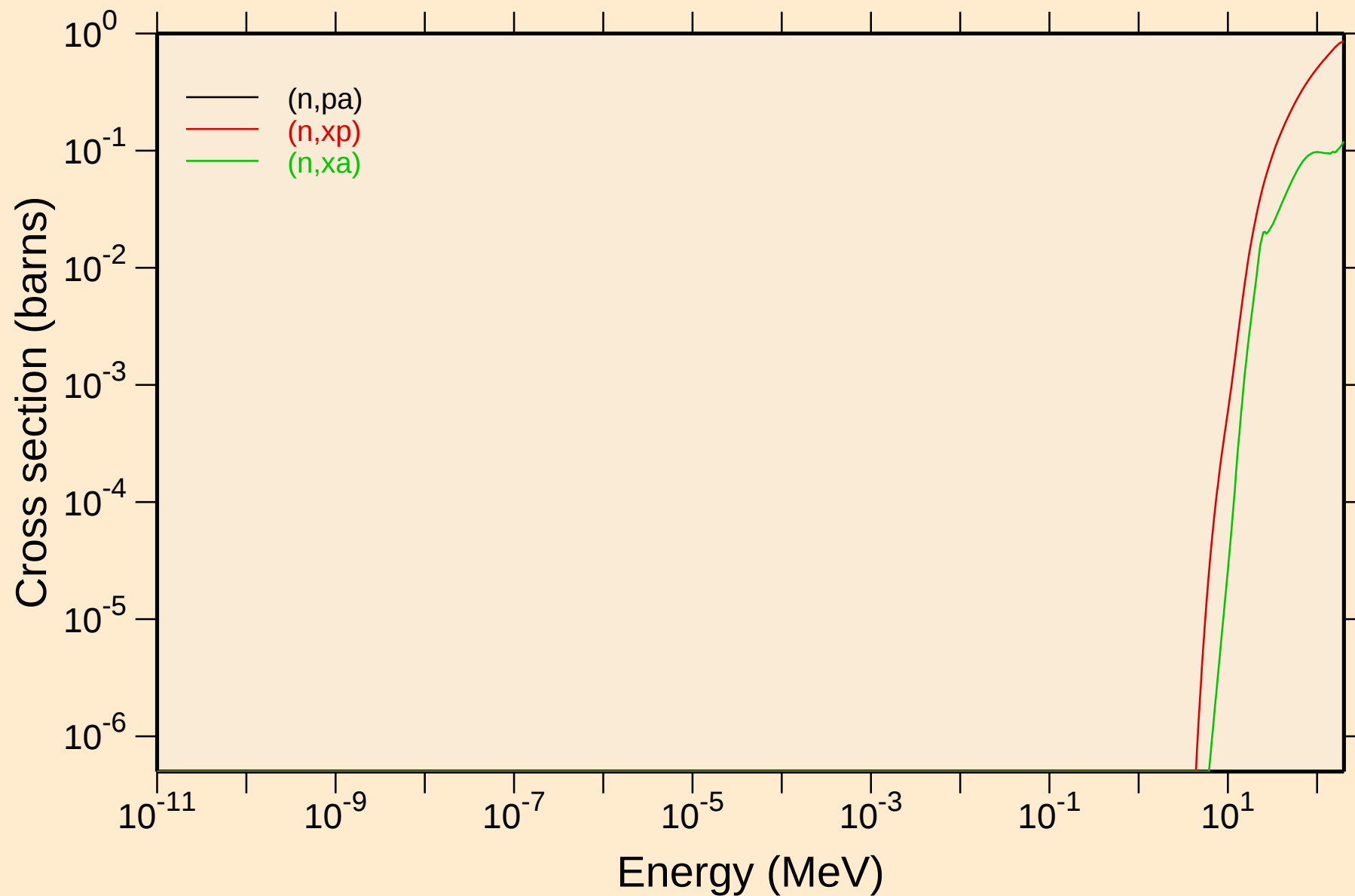


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



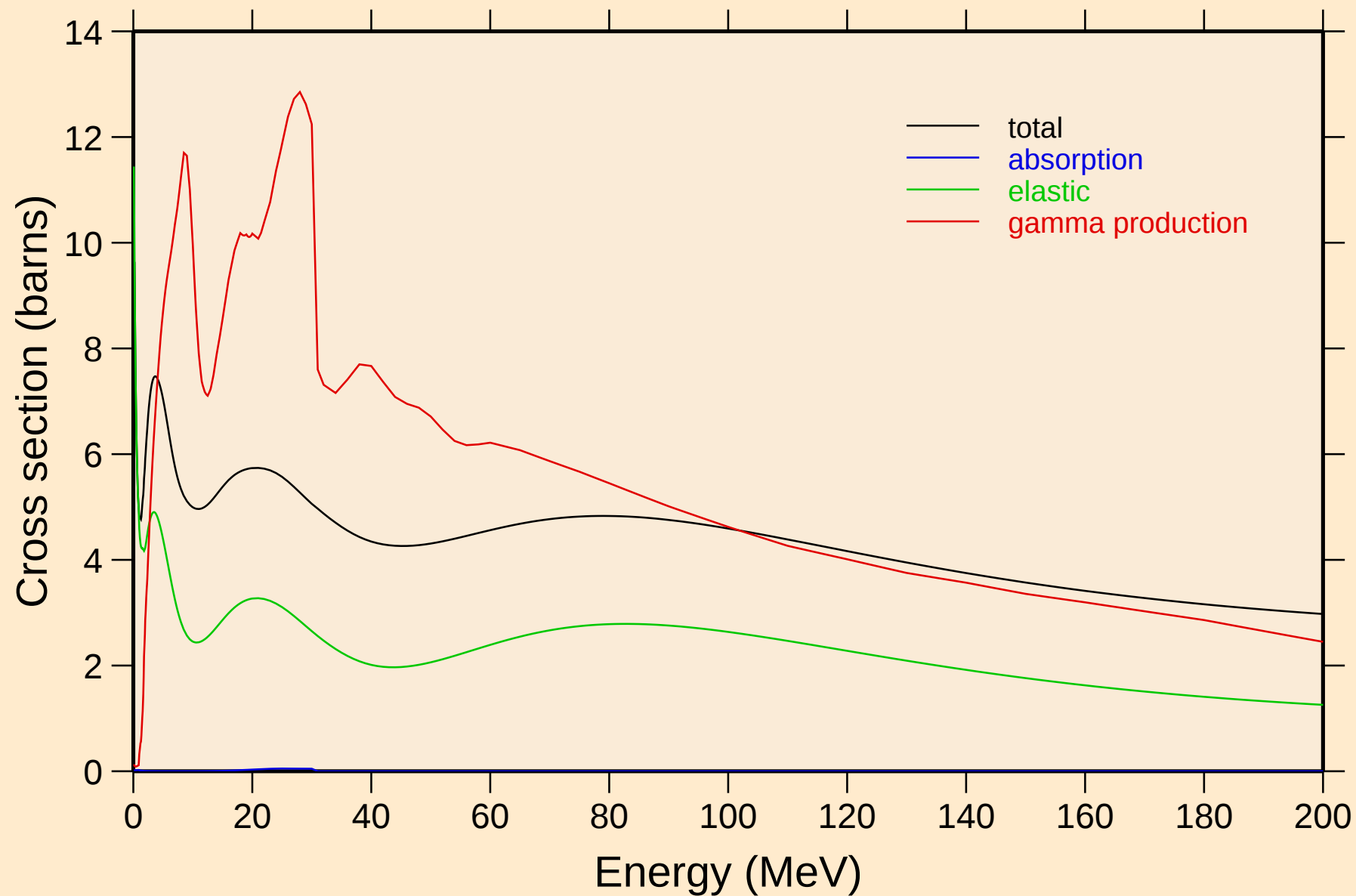
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



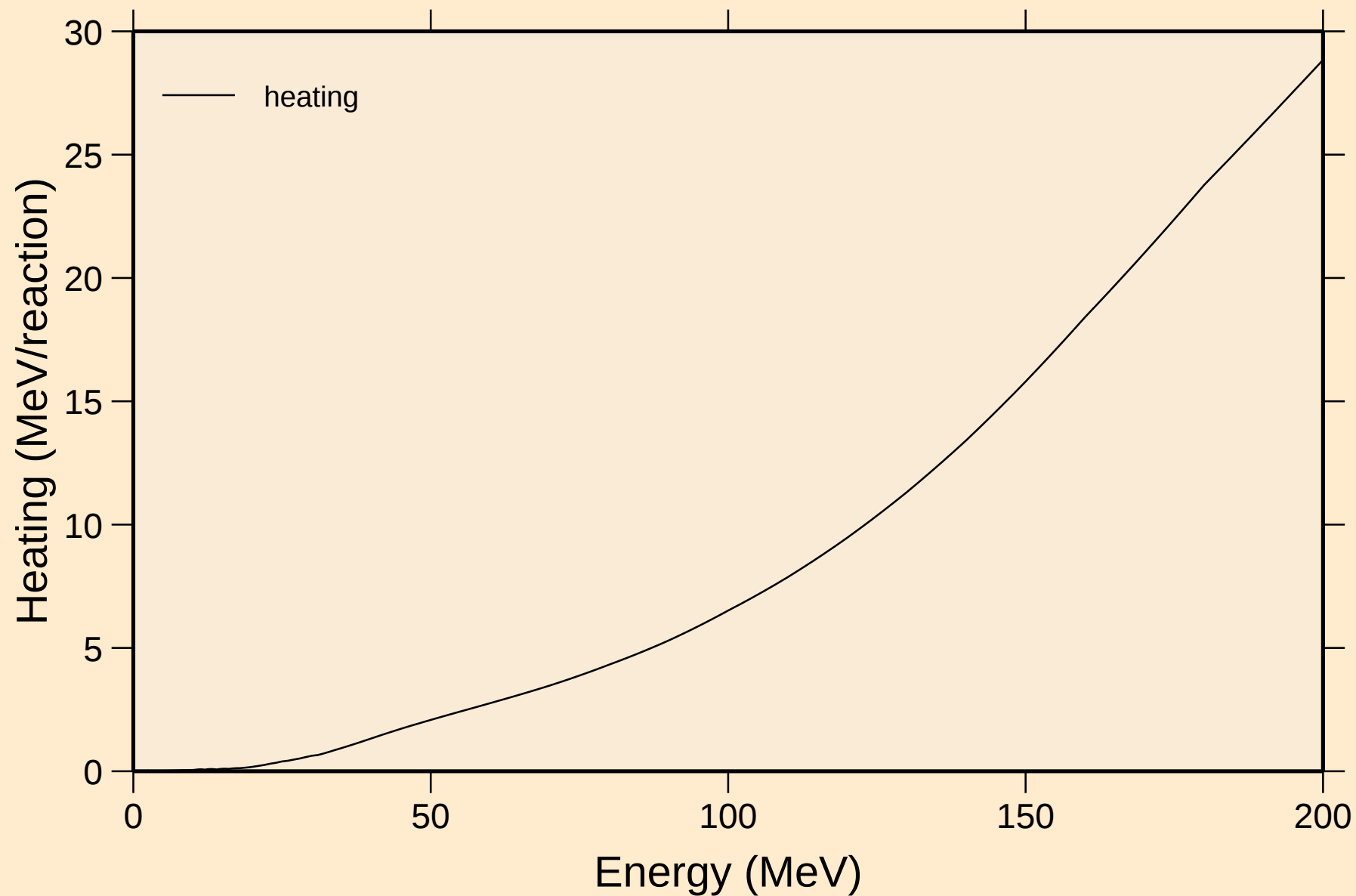
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



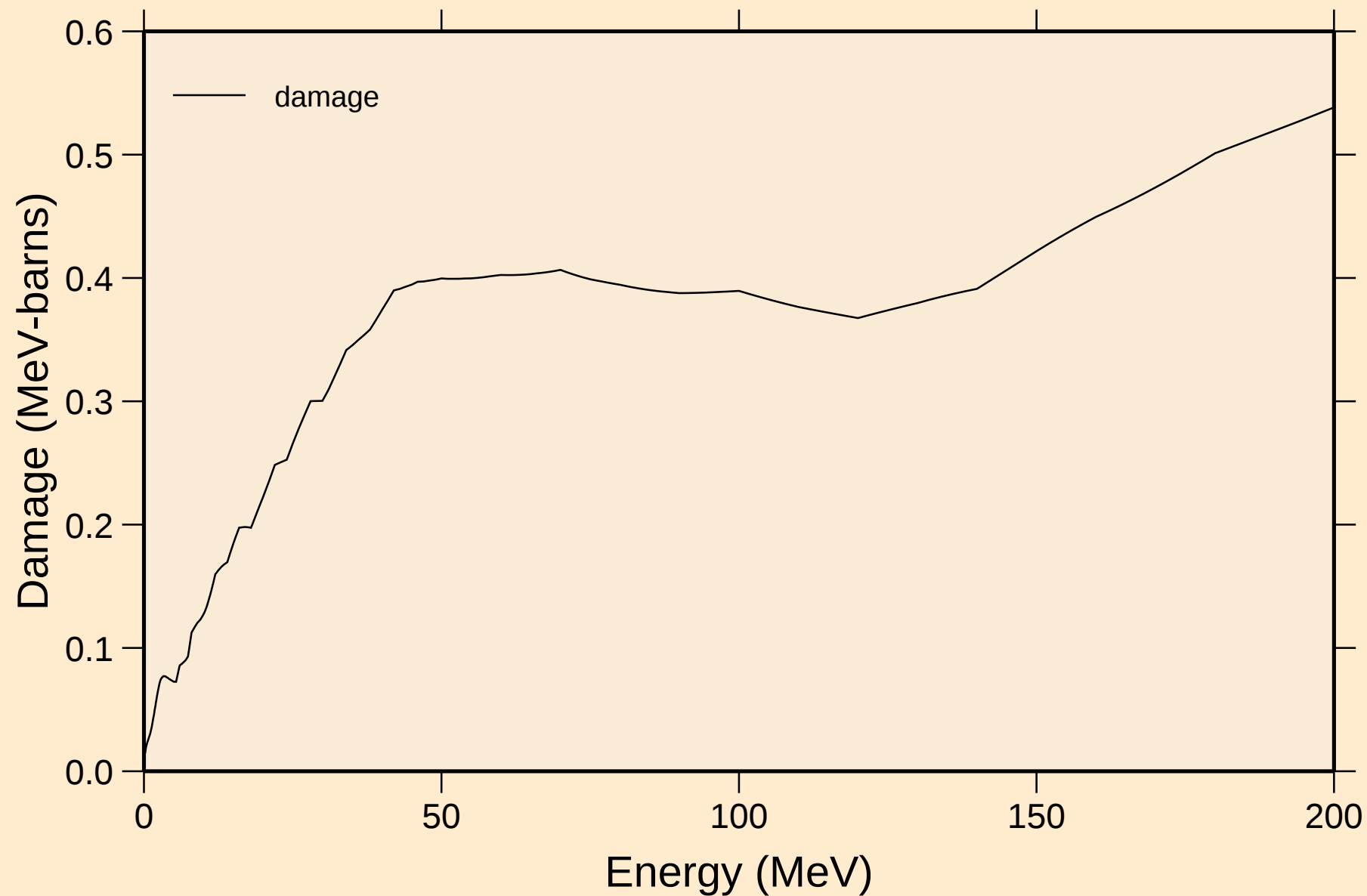
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

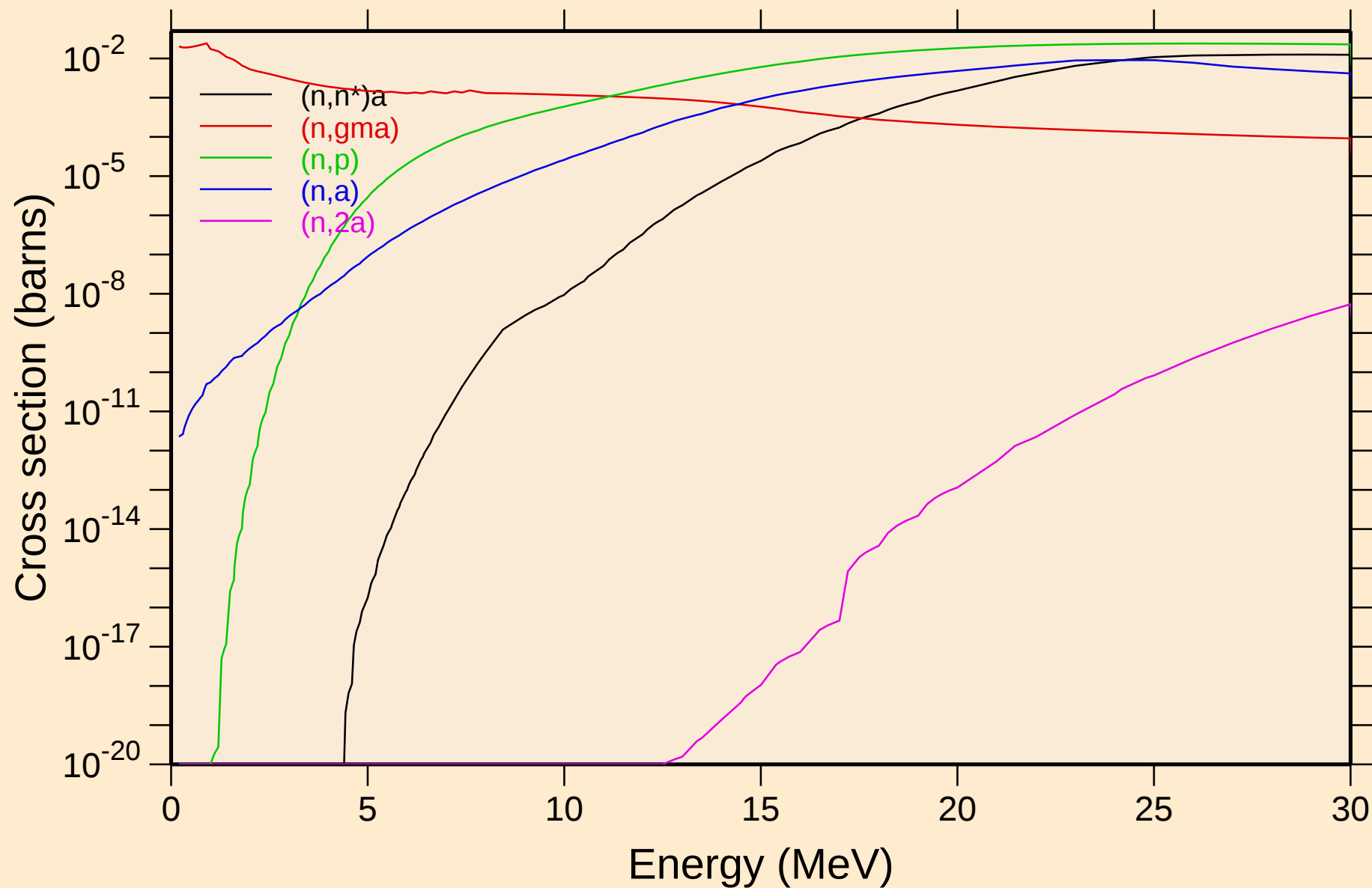


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

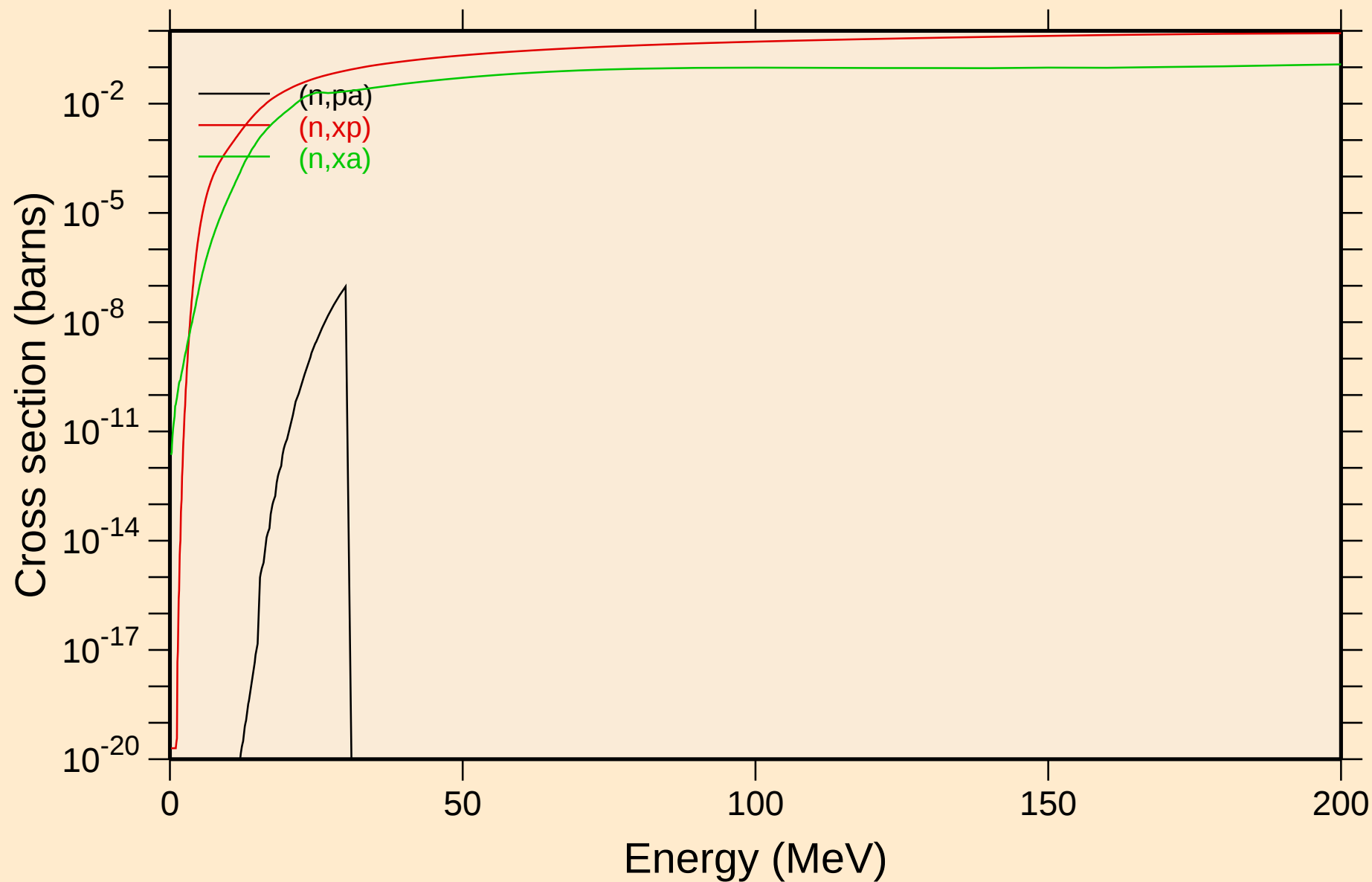
Damage



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

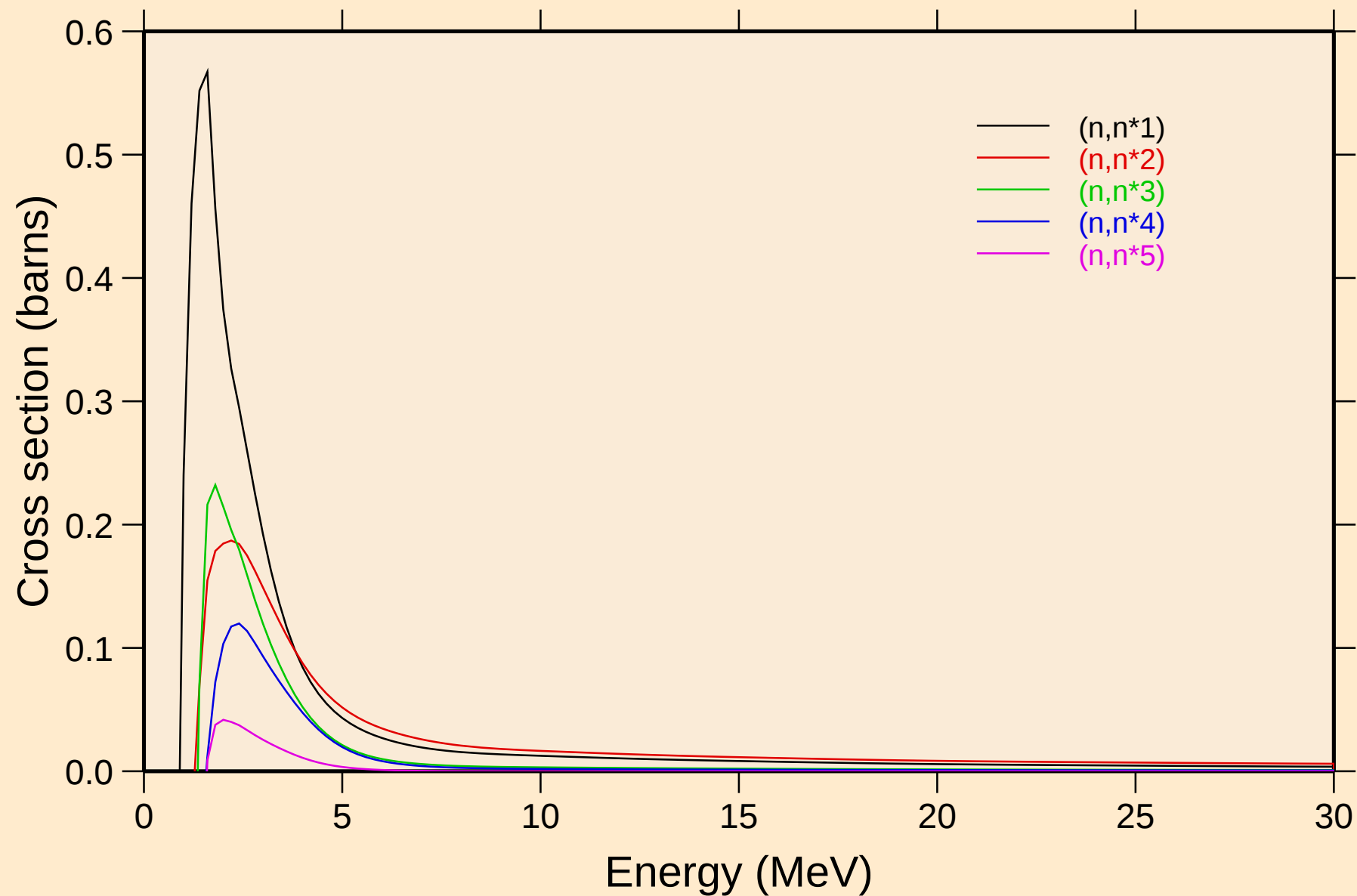


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



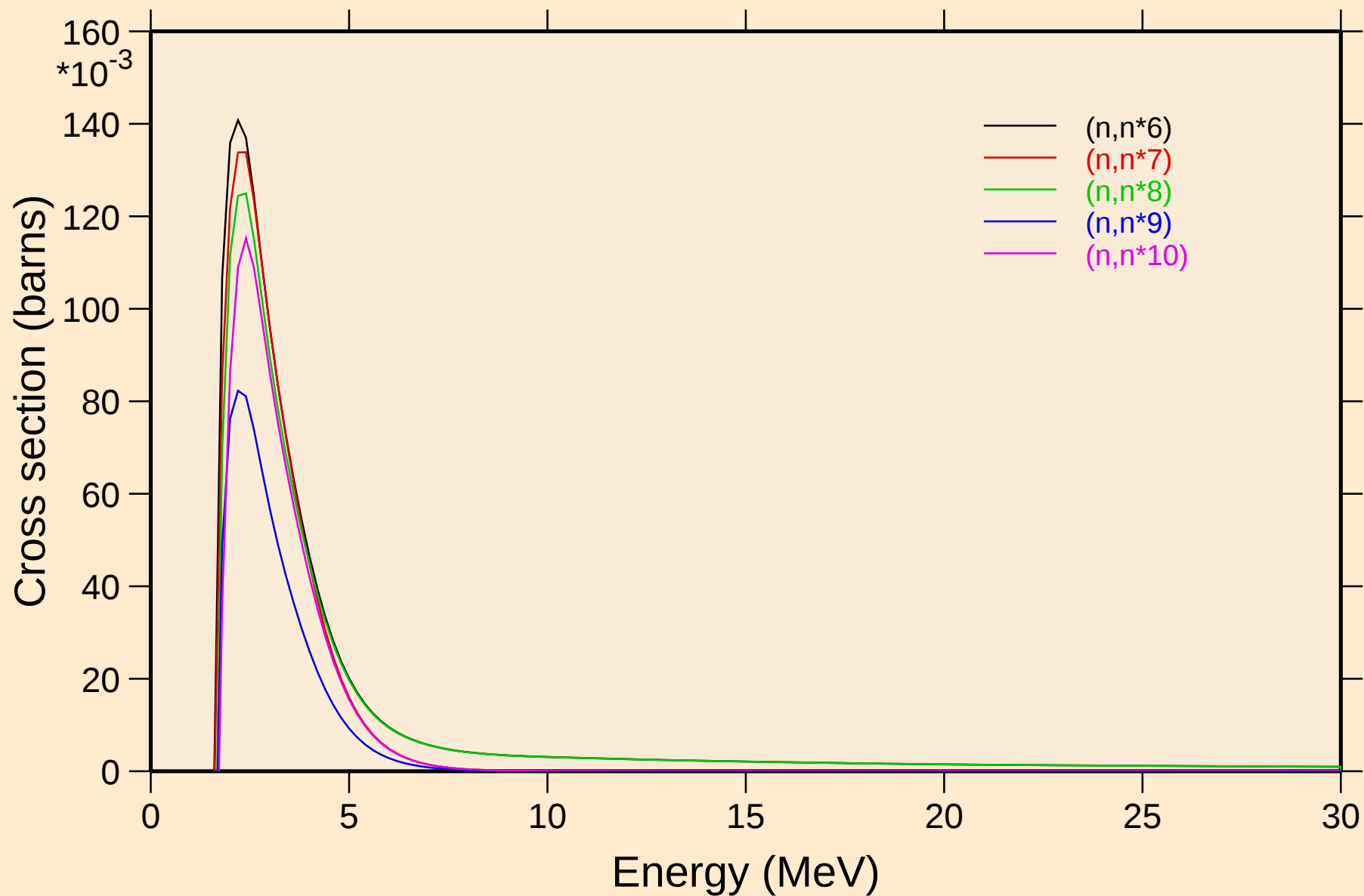
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

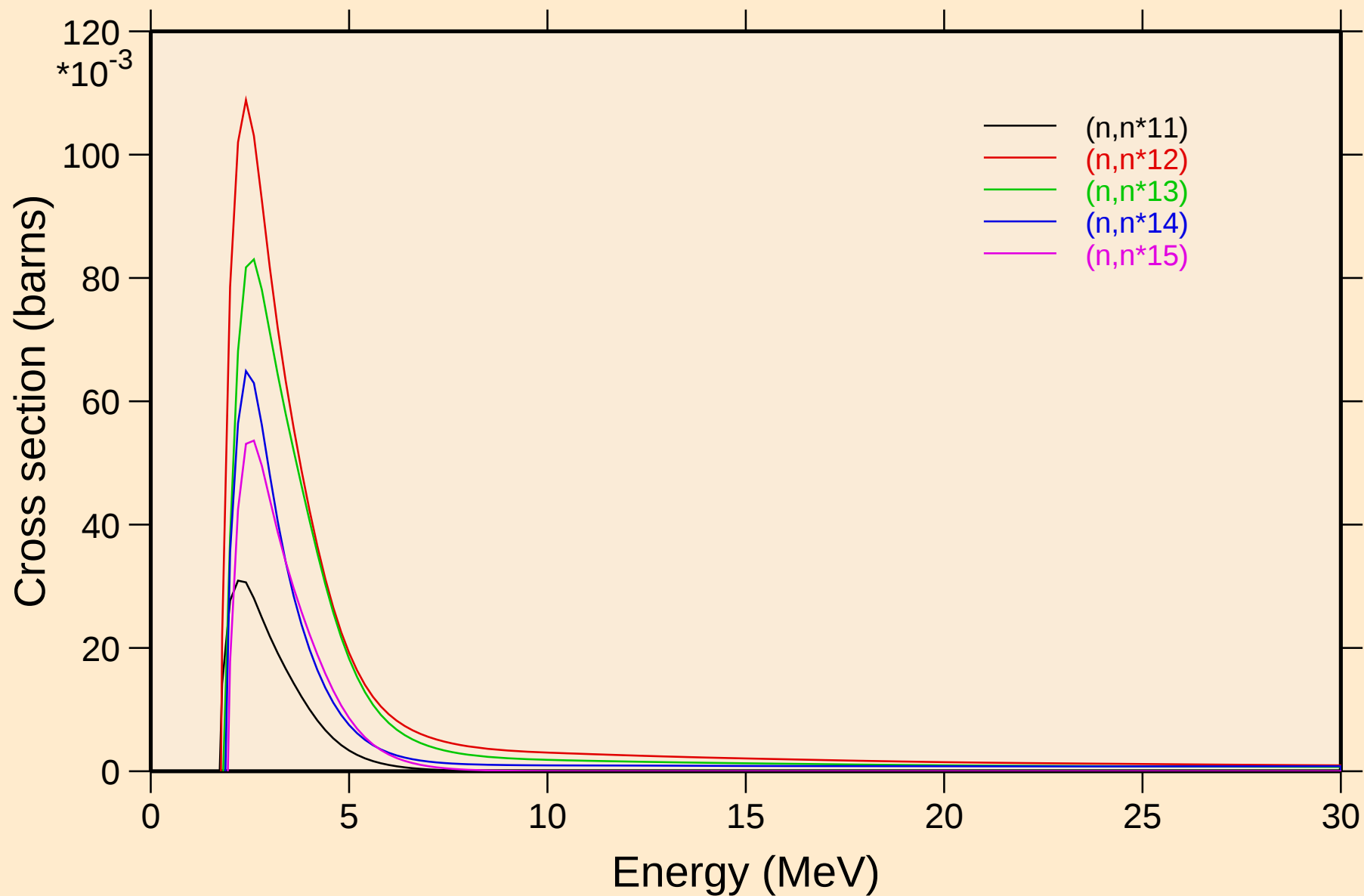


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

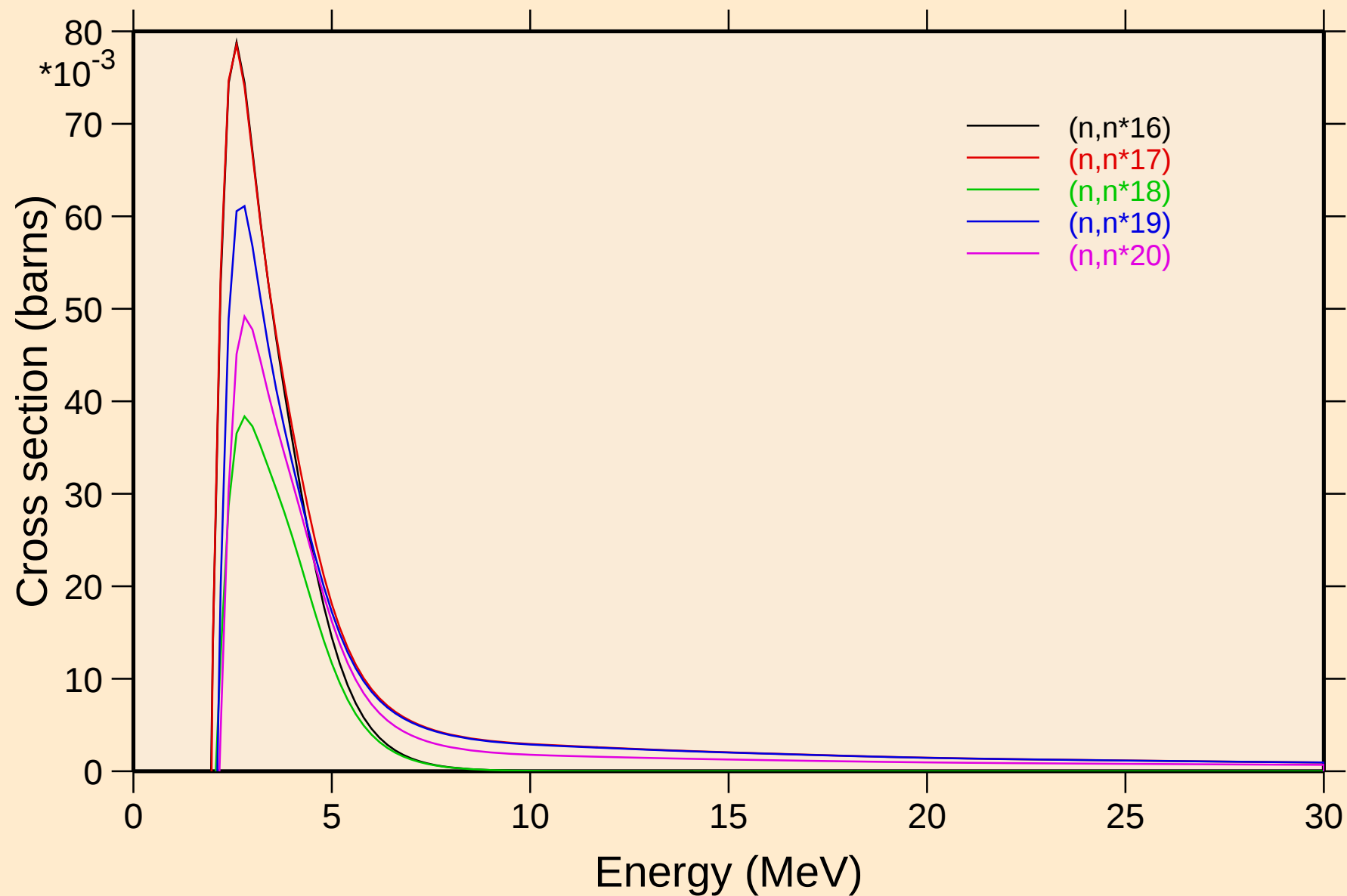


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



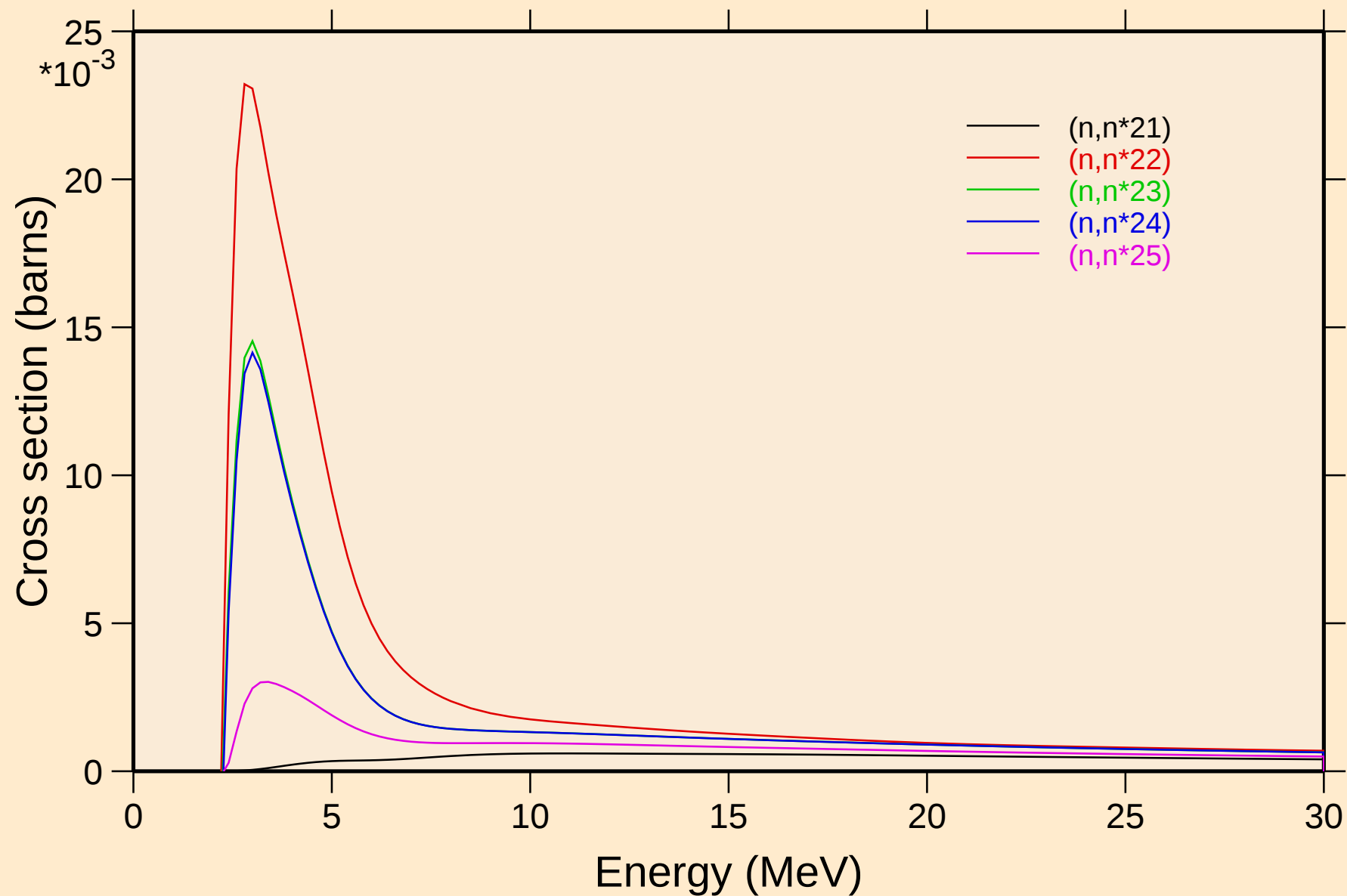
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



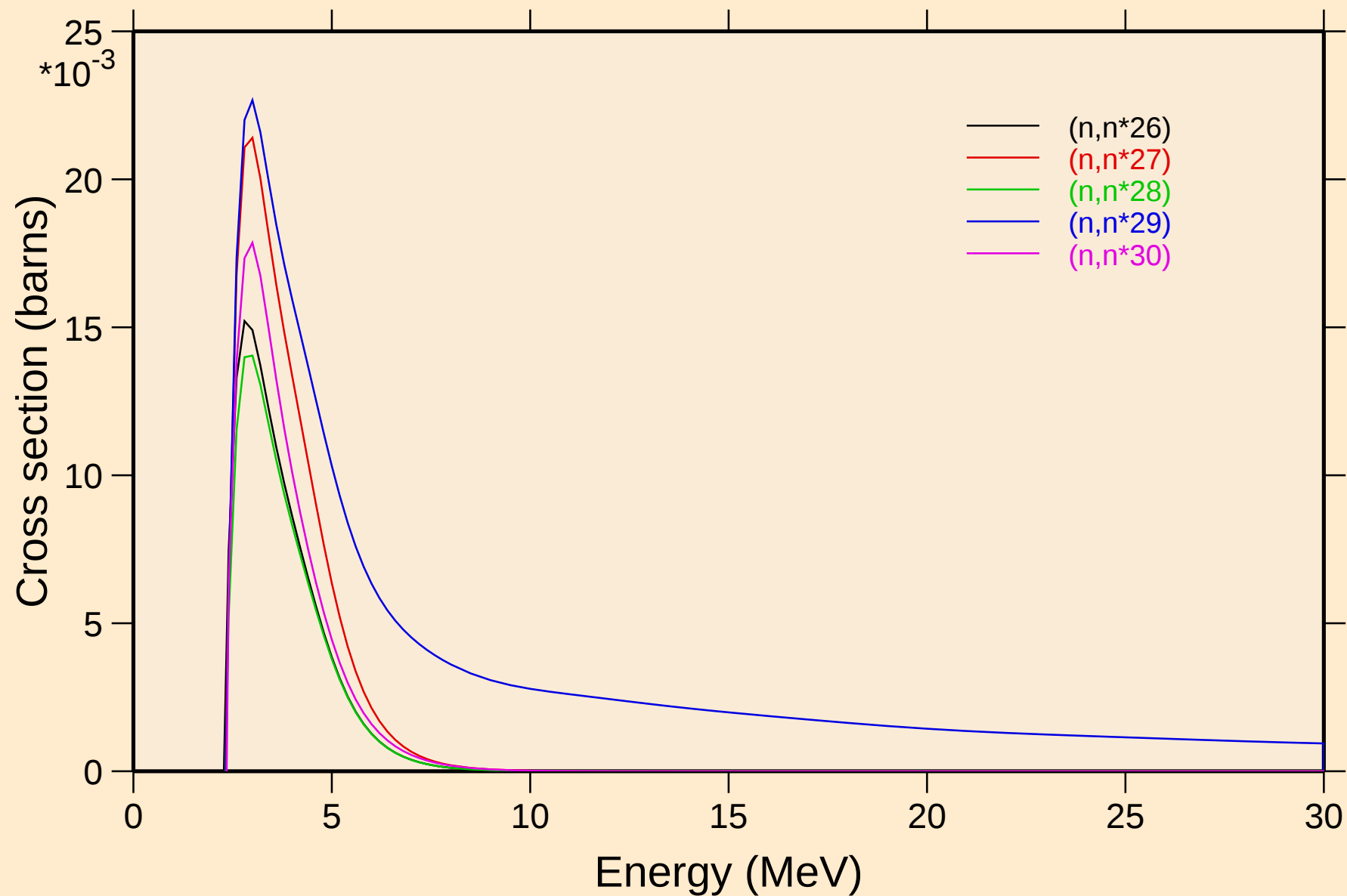
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



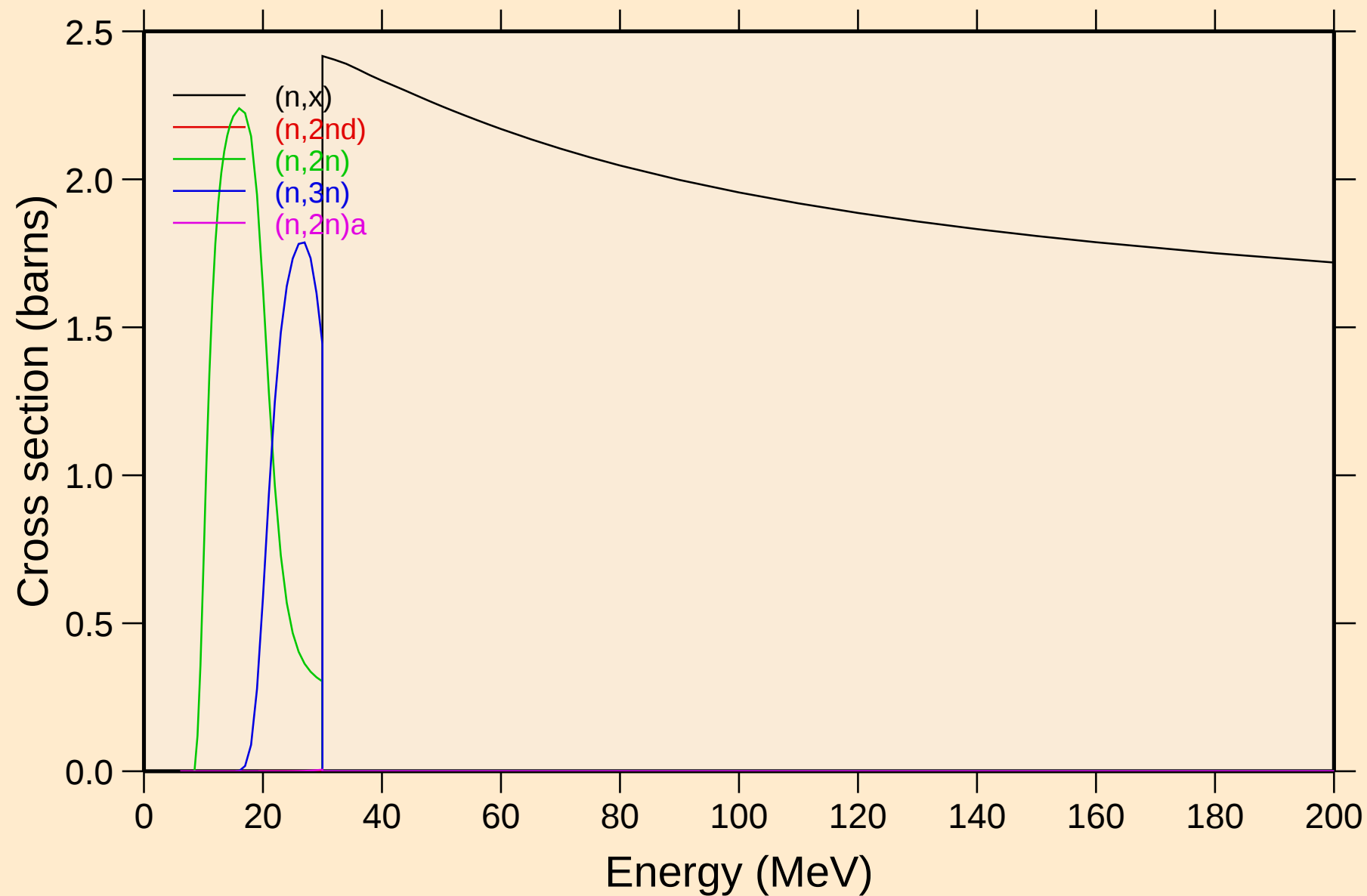
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



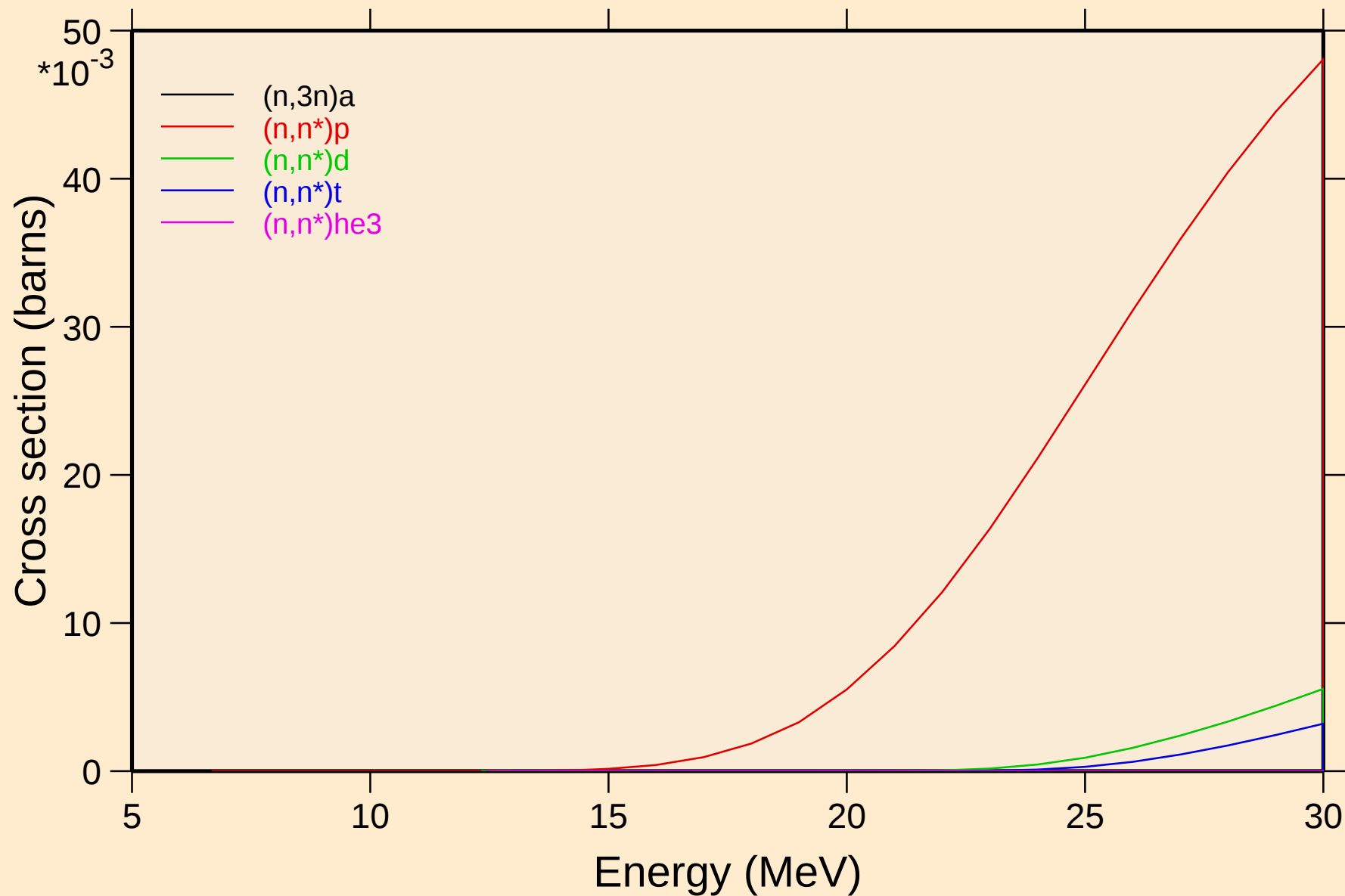
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



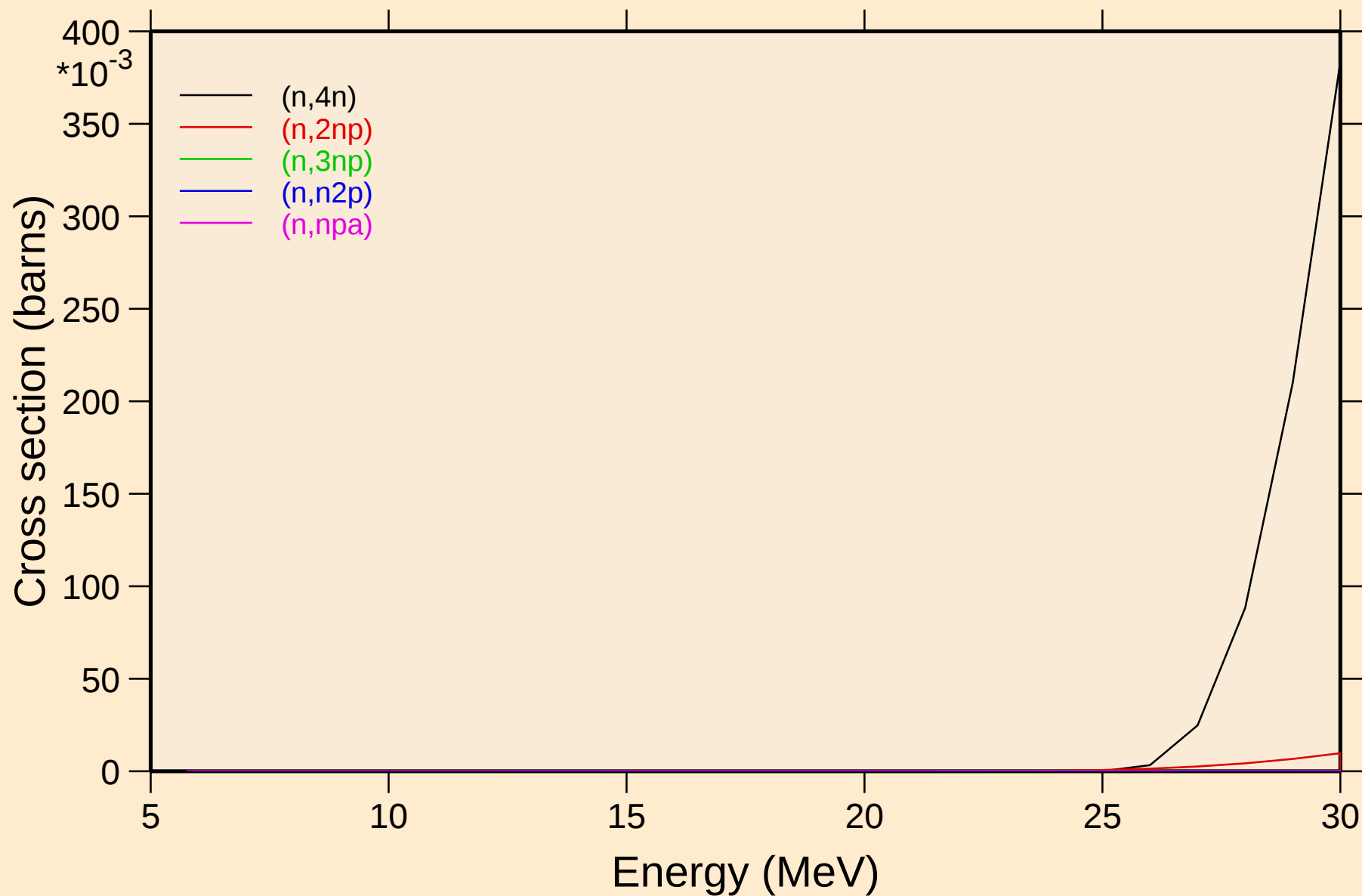
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



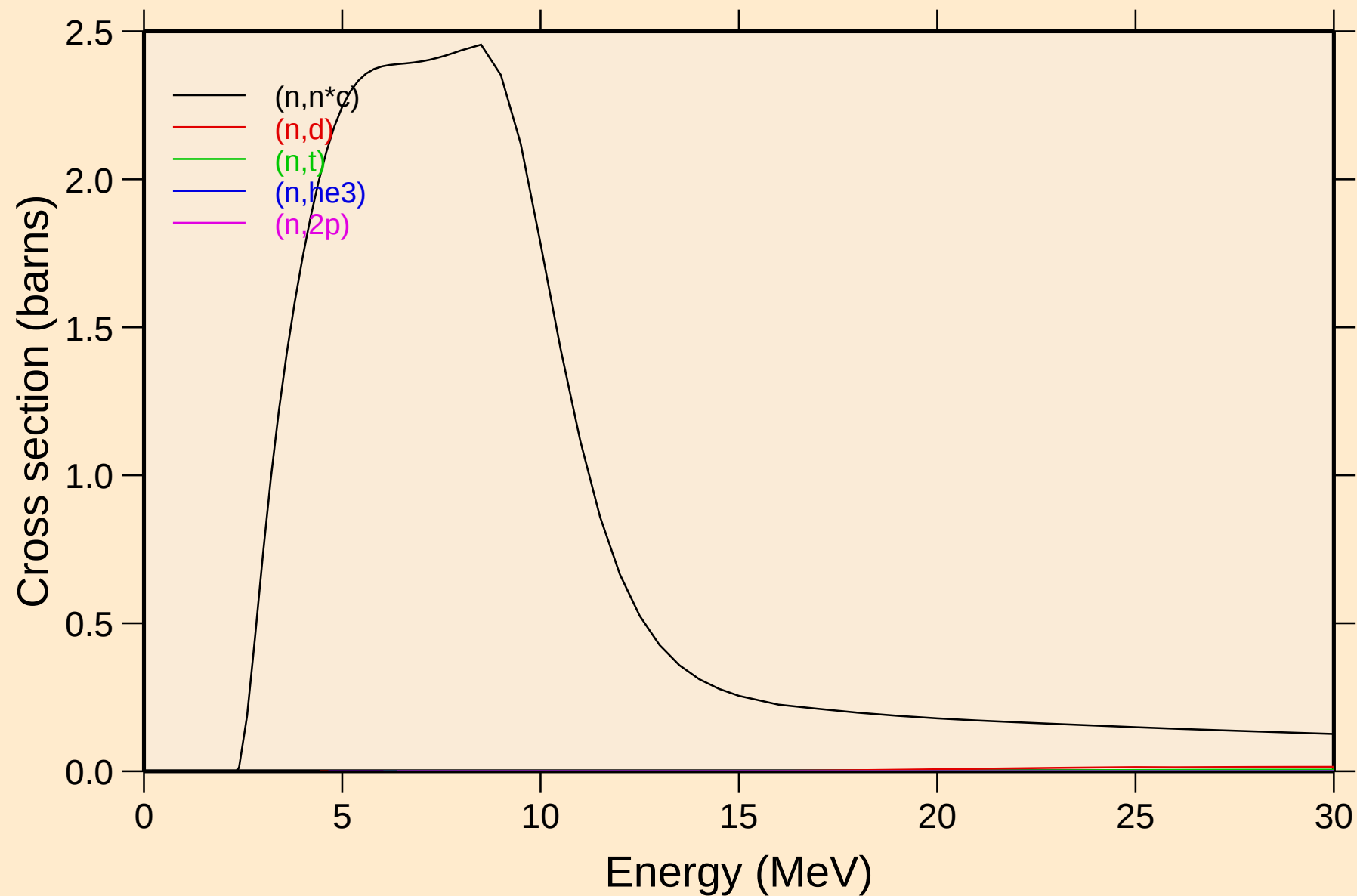
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



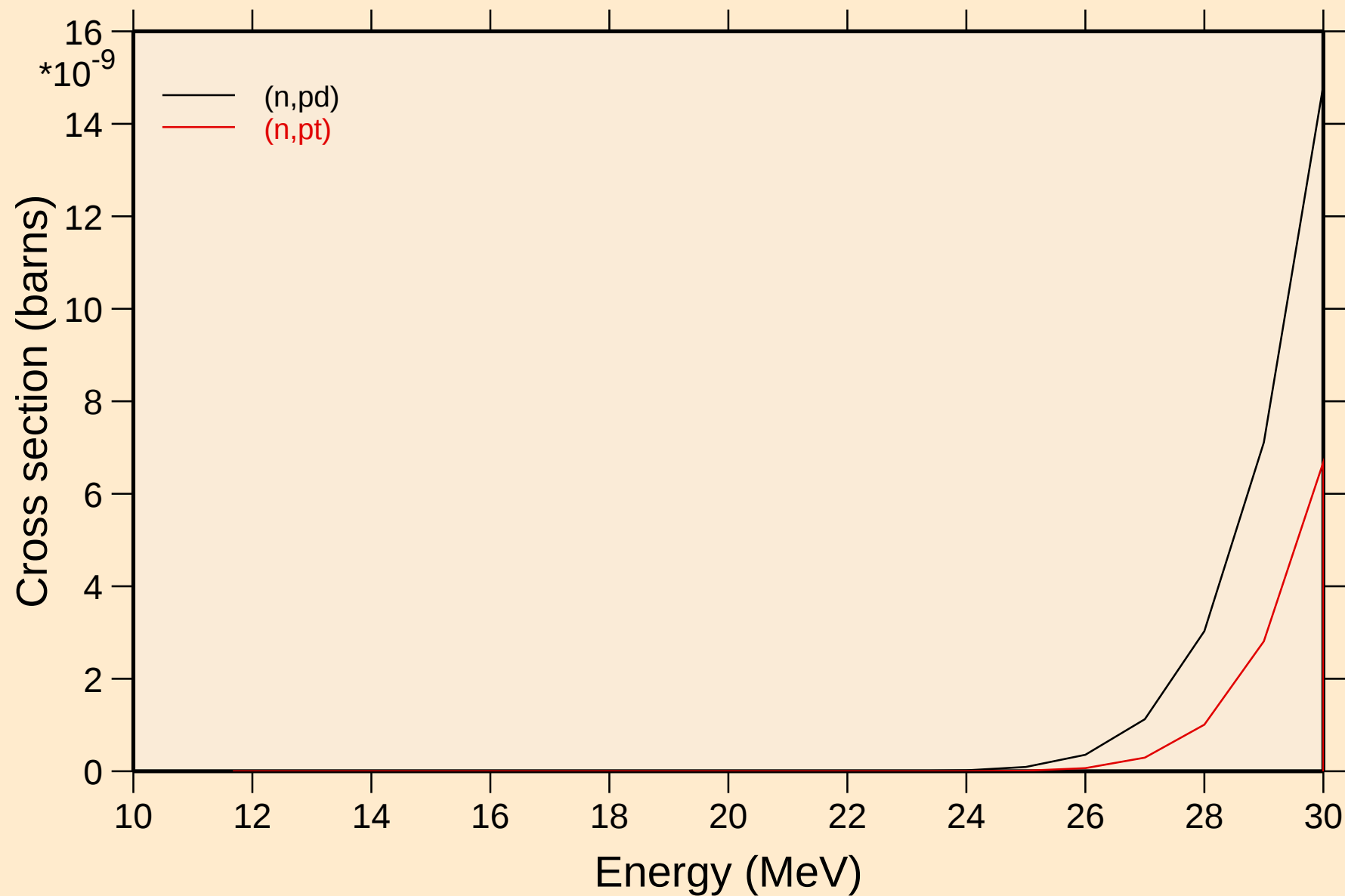
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



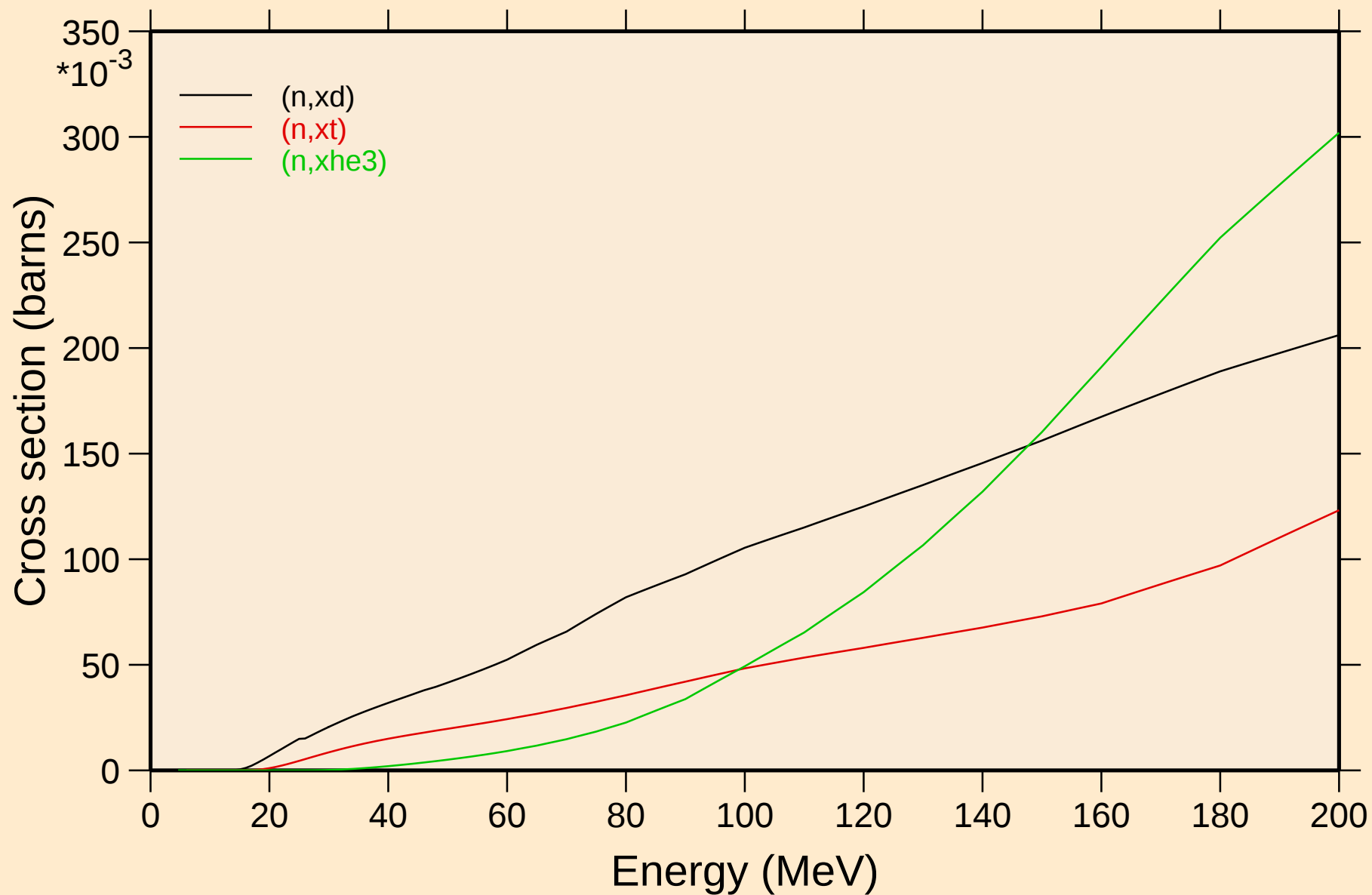
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

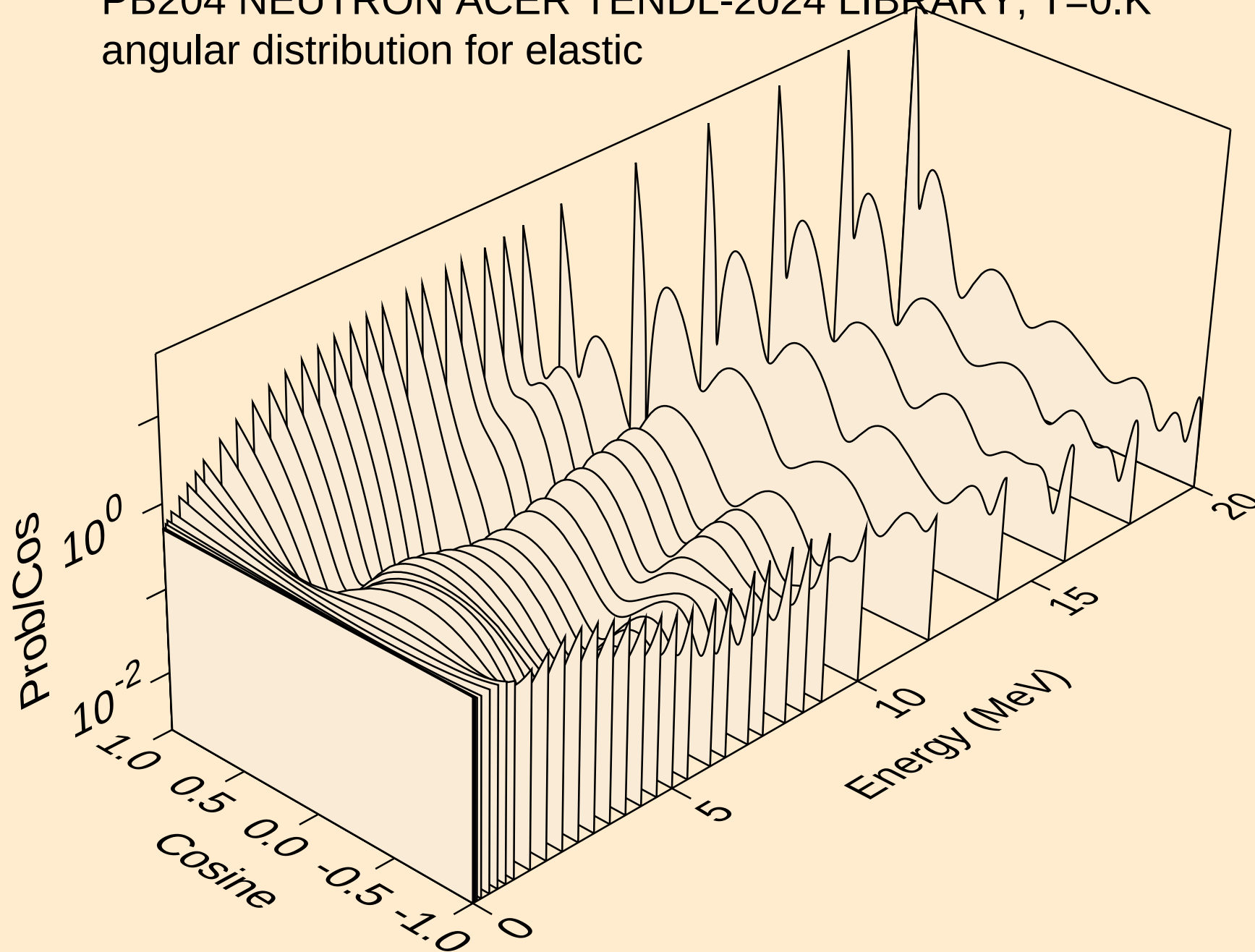


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

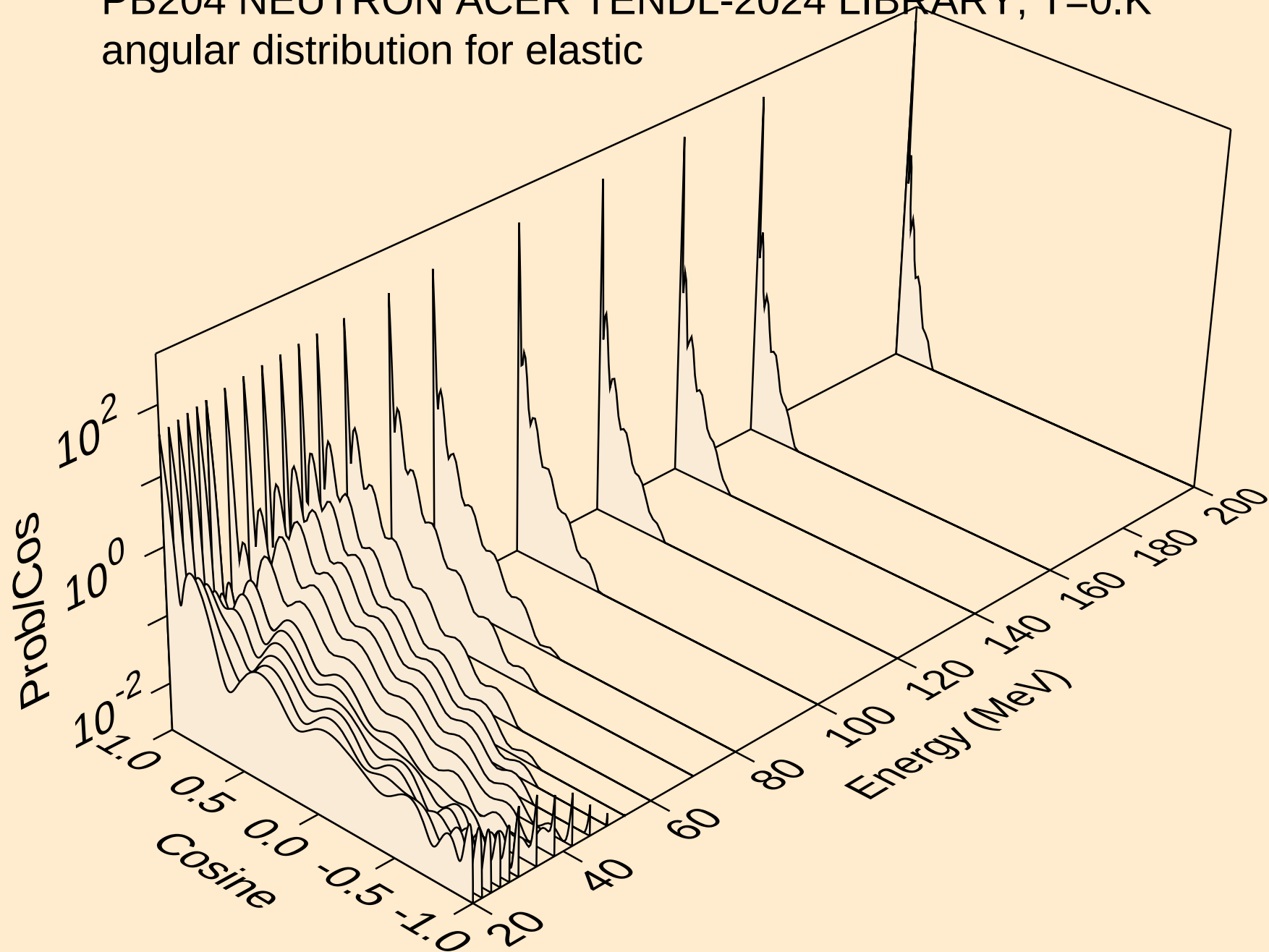
## Threshold reactions



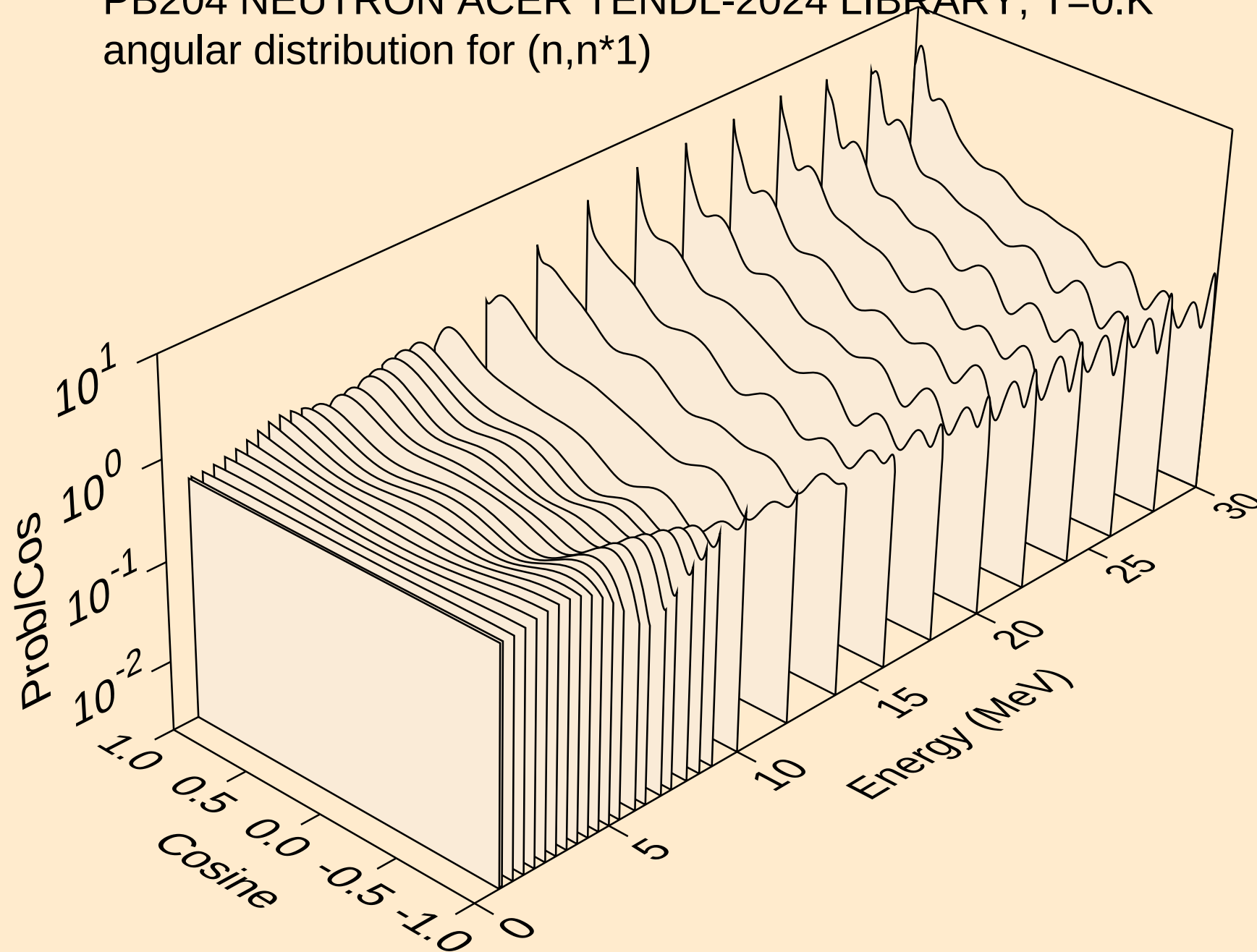
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



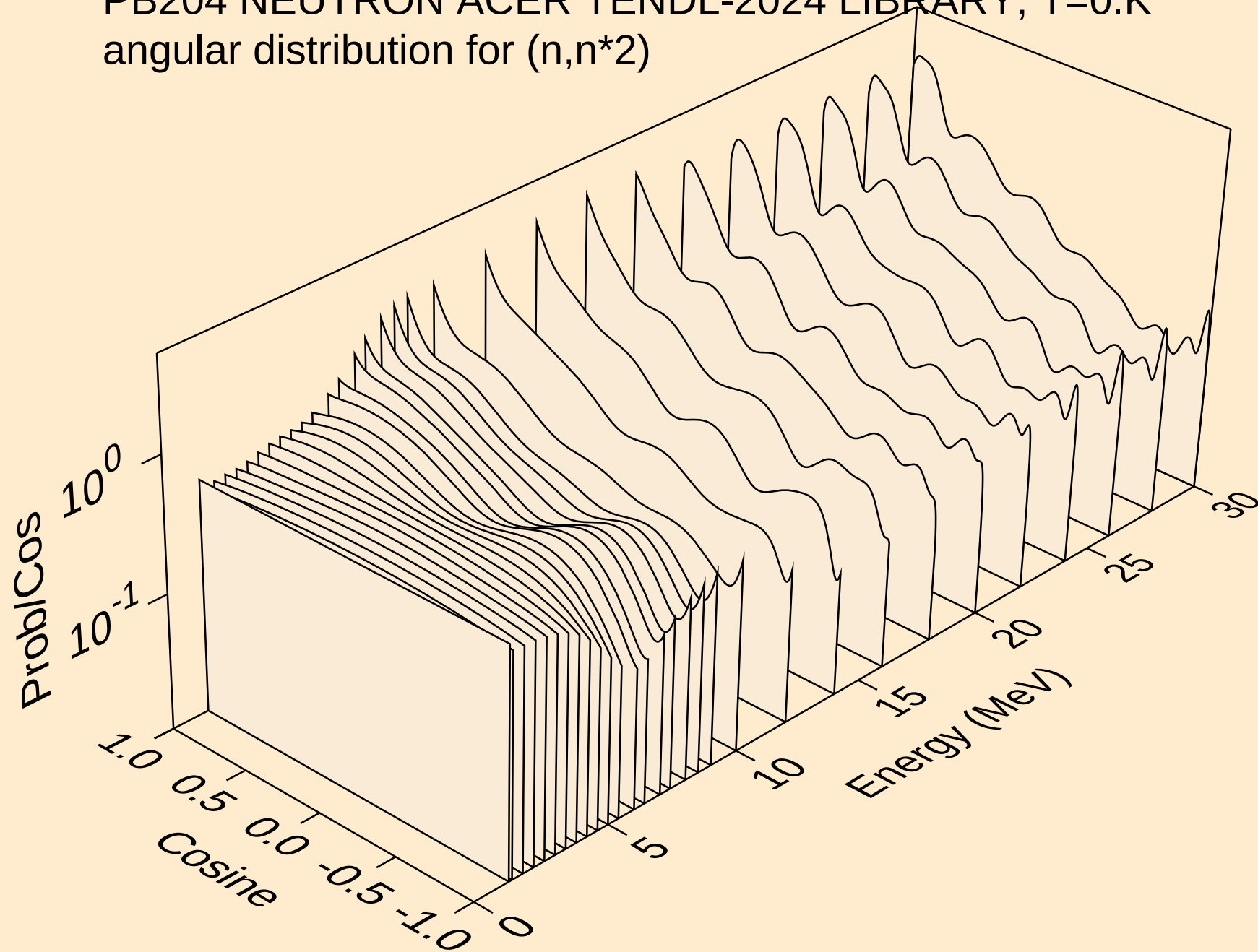
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



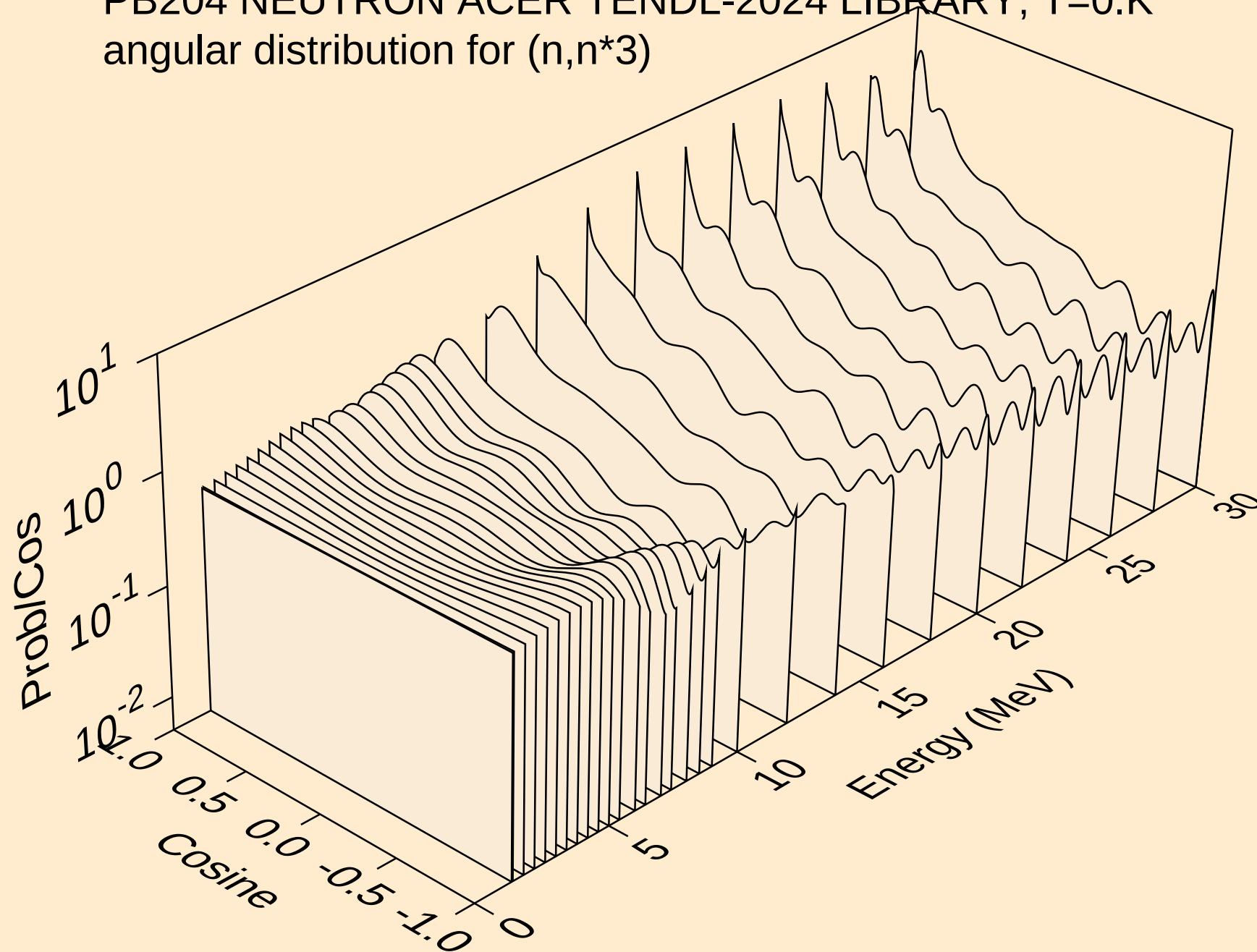
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



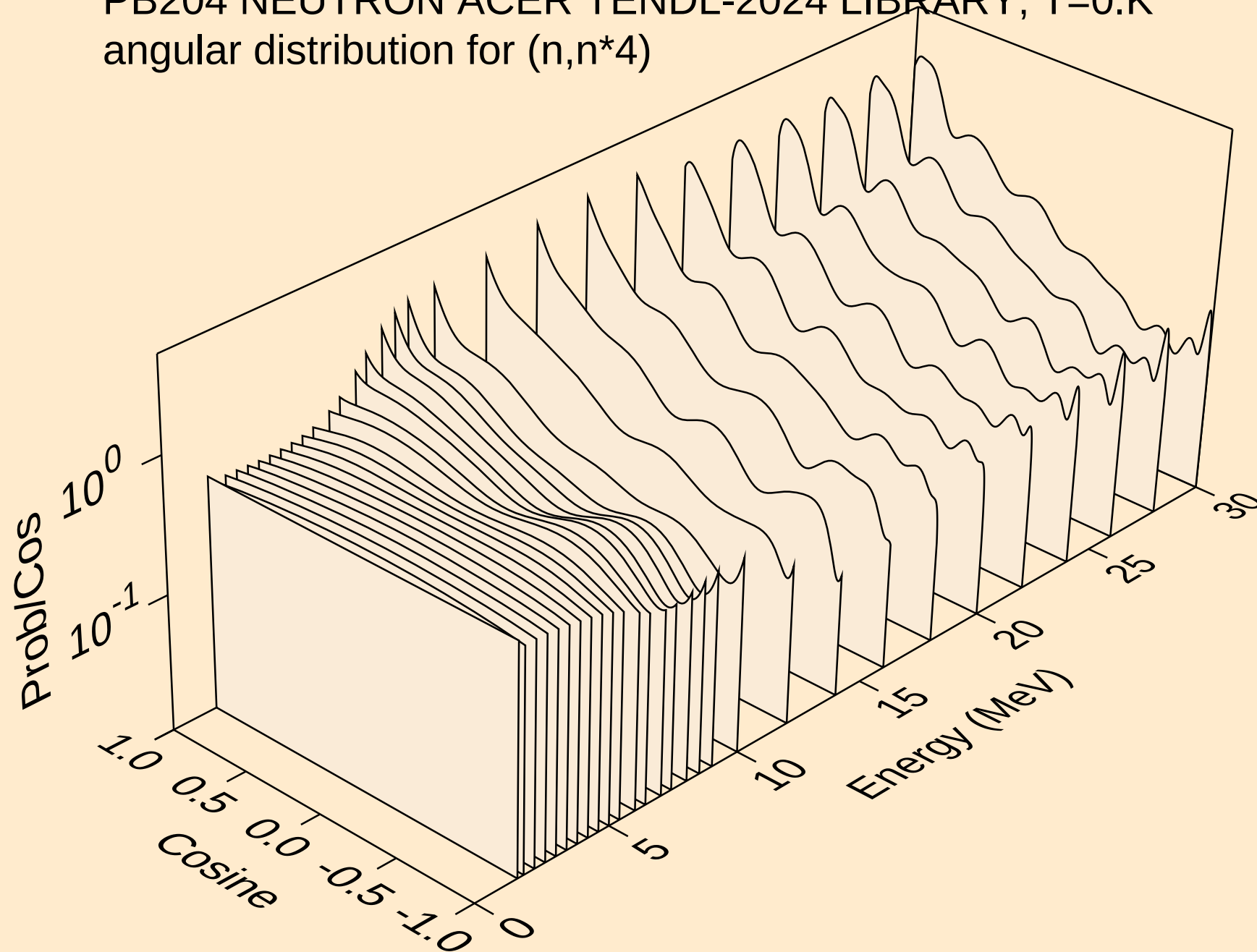
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



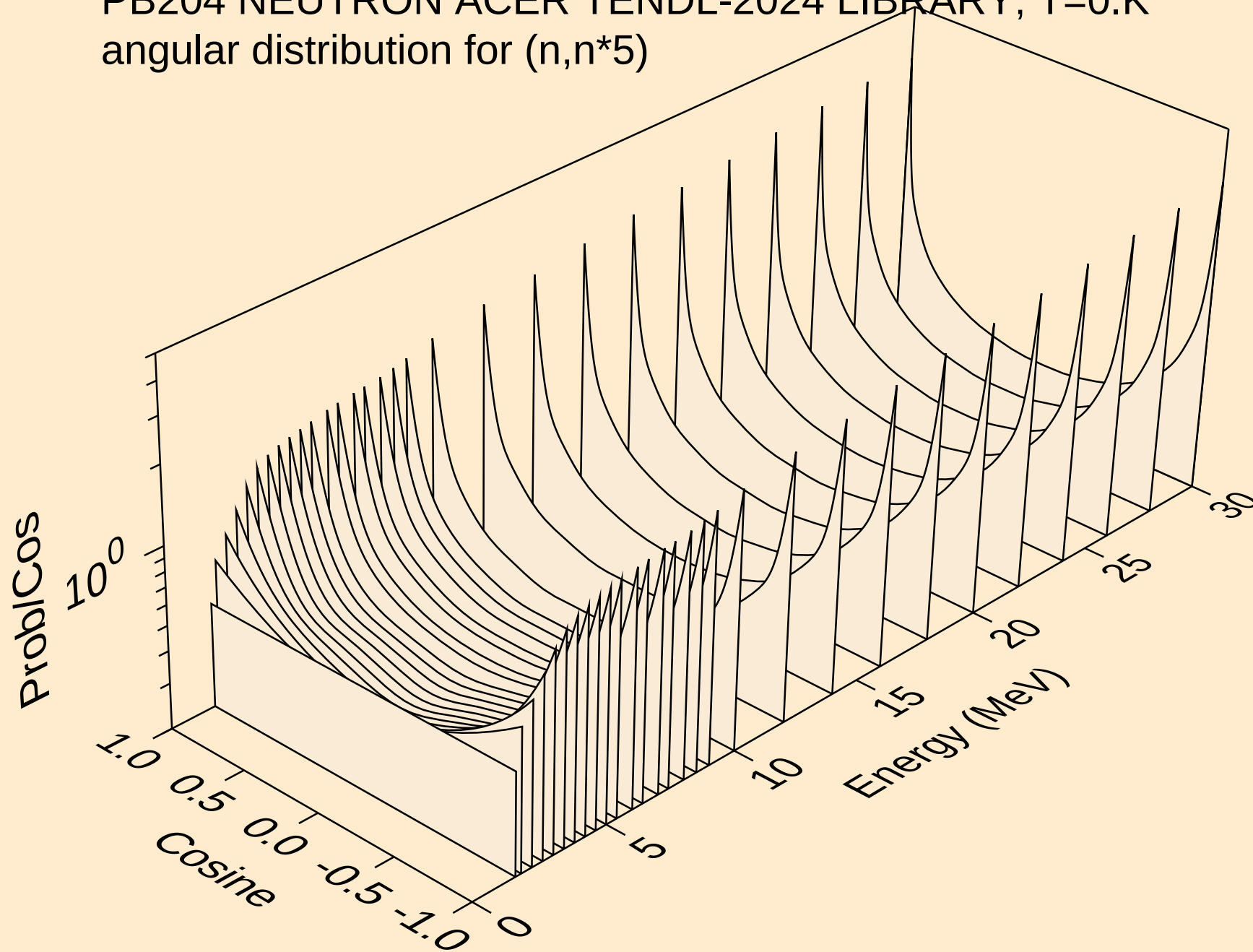
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



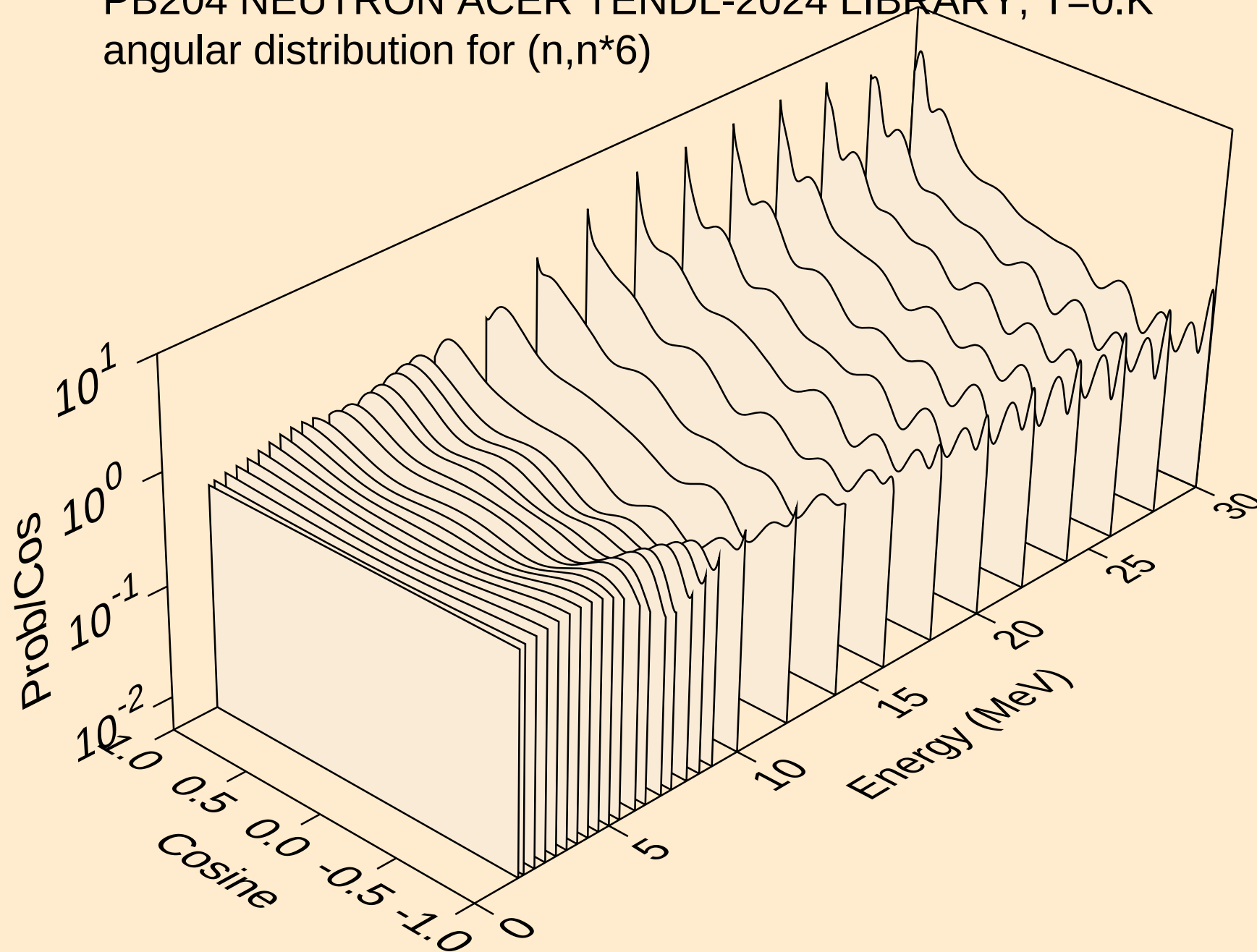
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



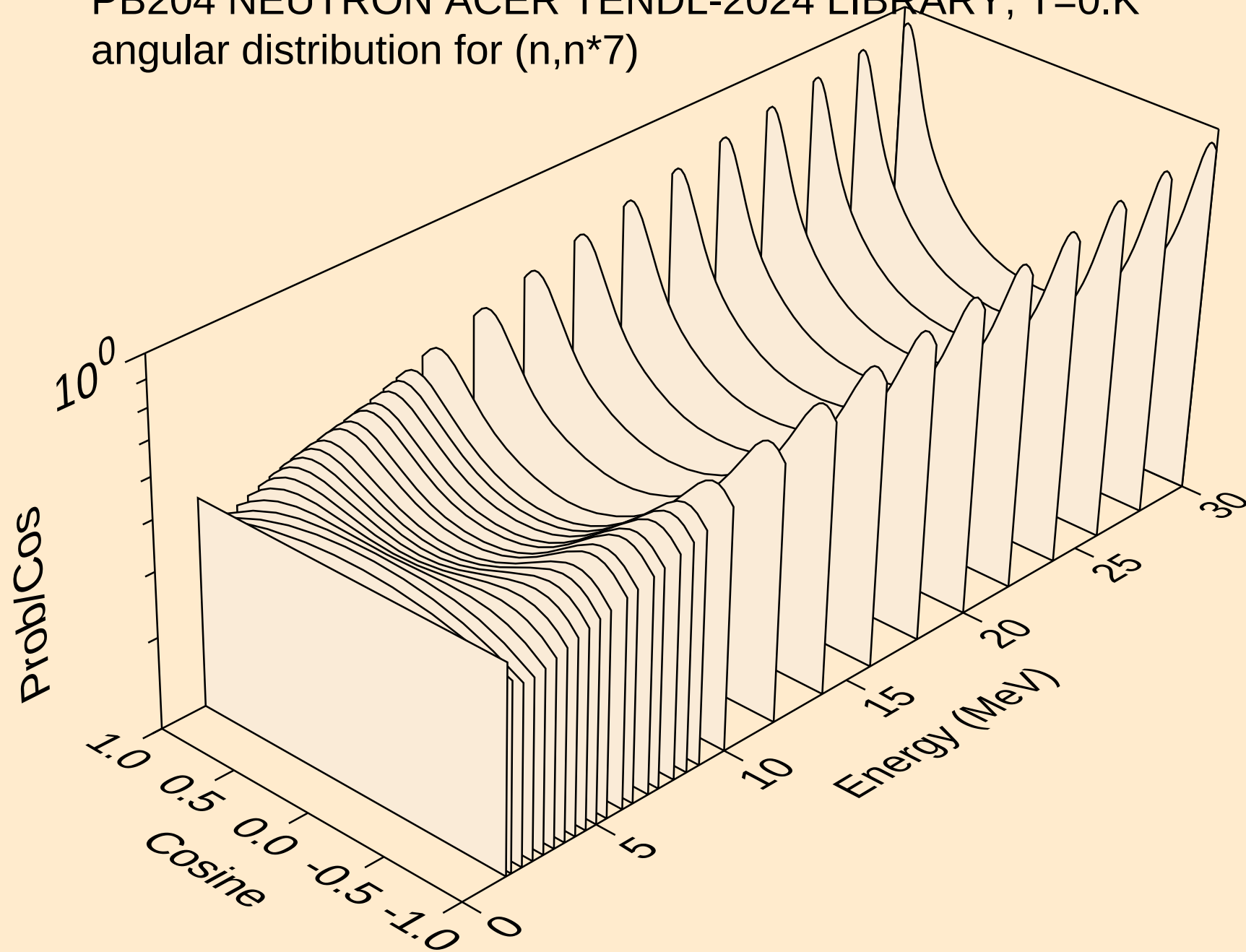
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



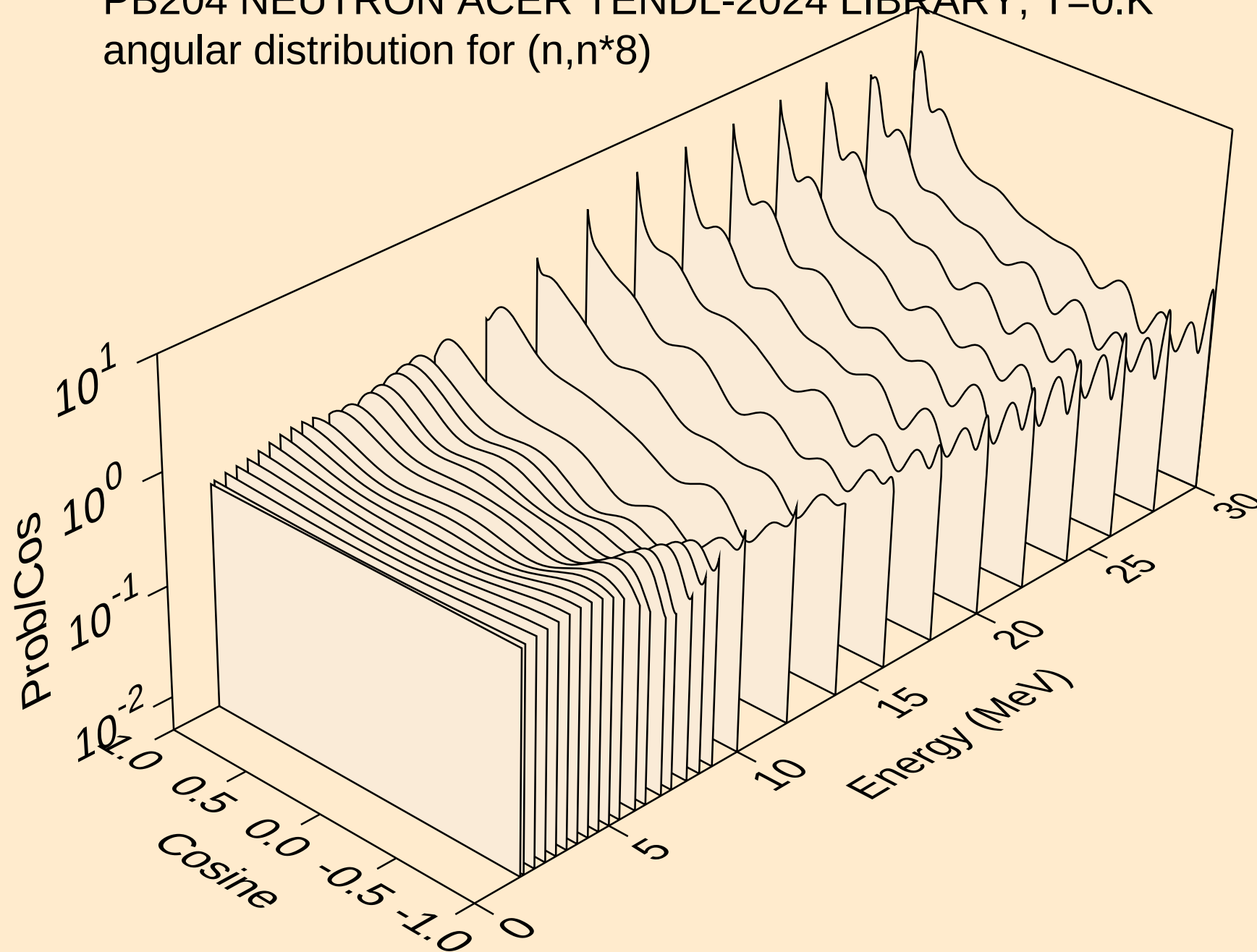
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



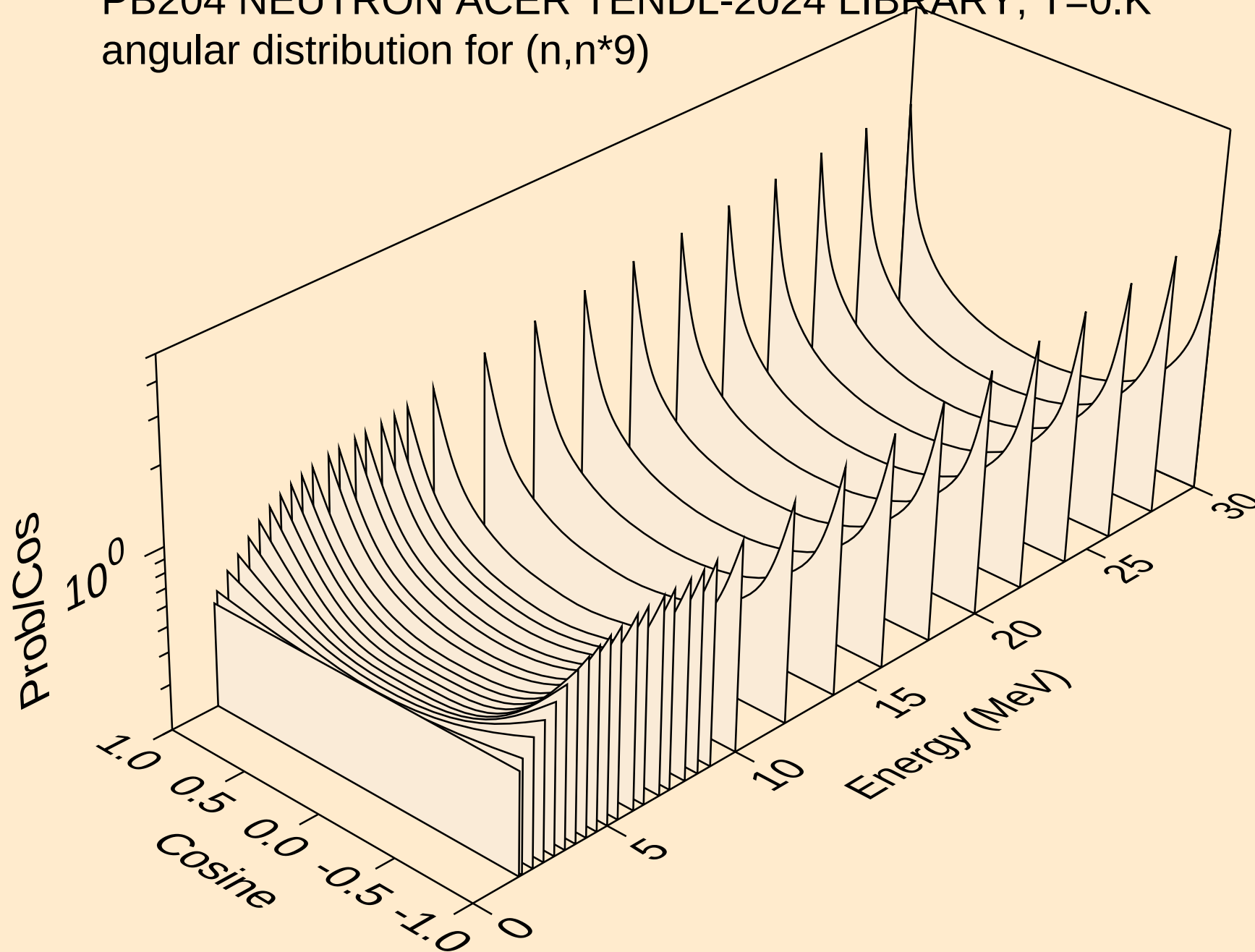
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



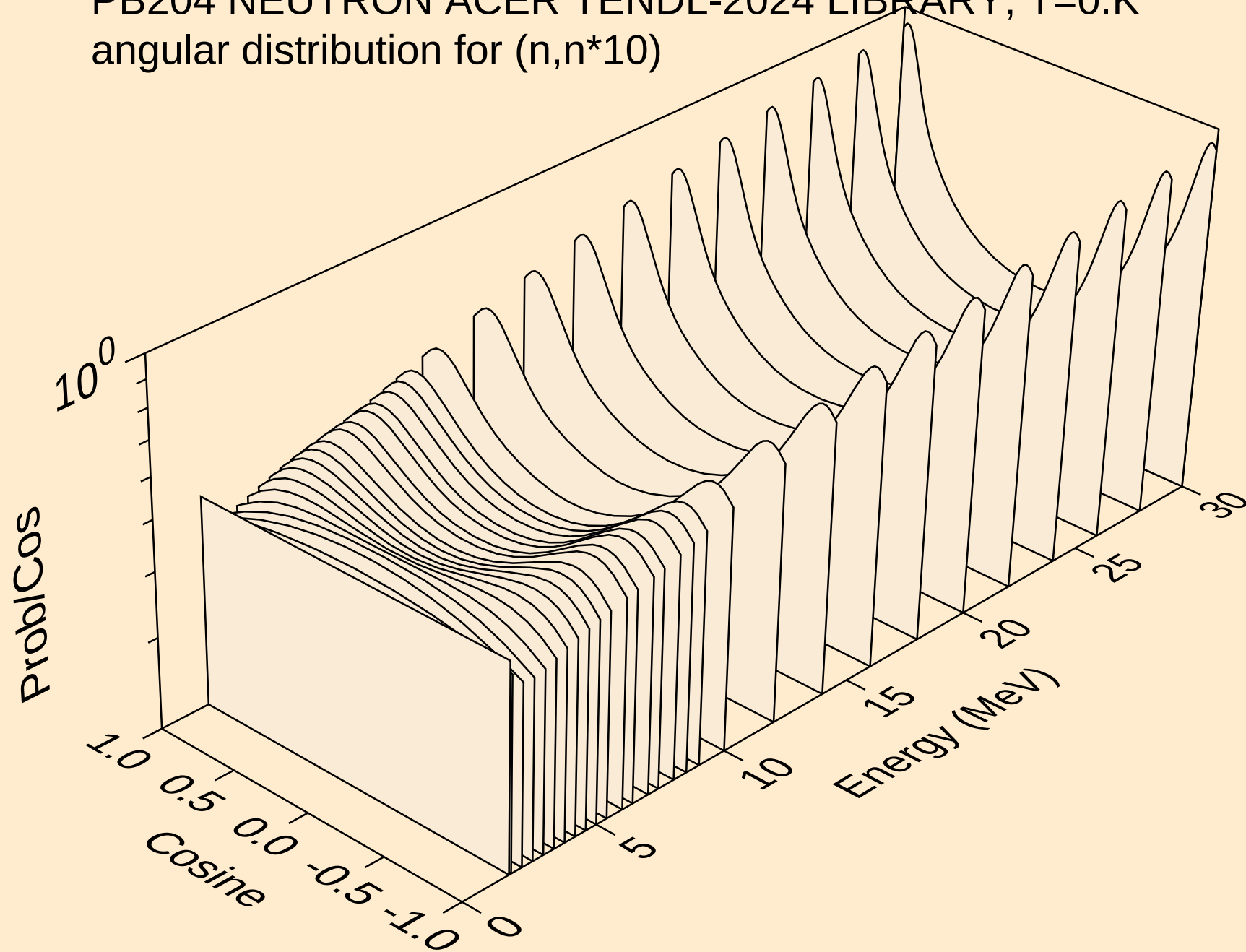
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



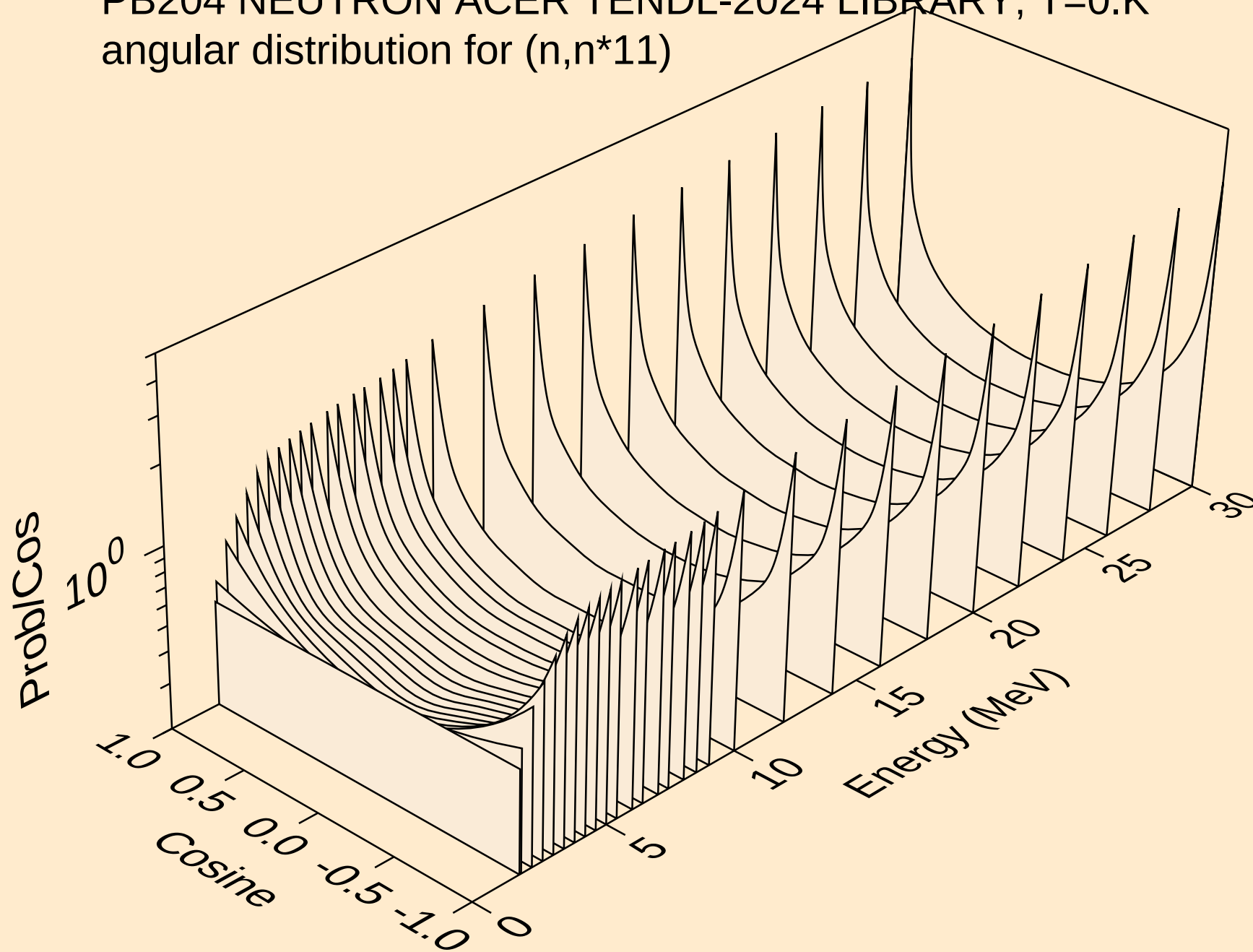
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



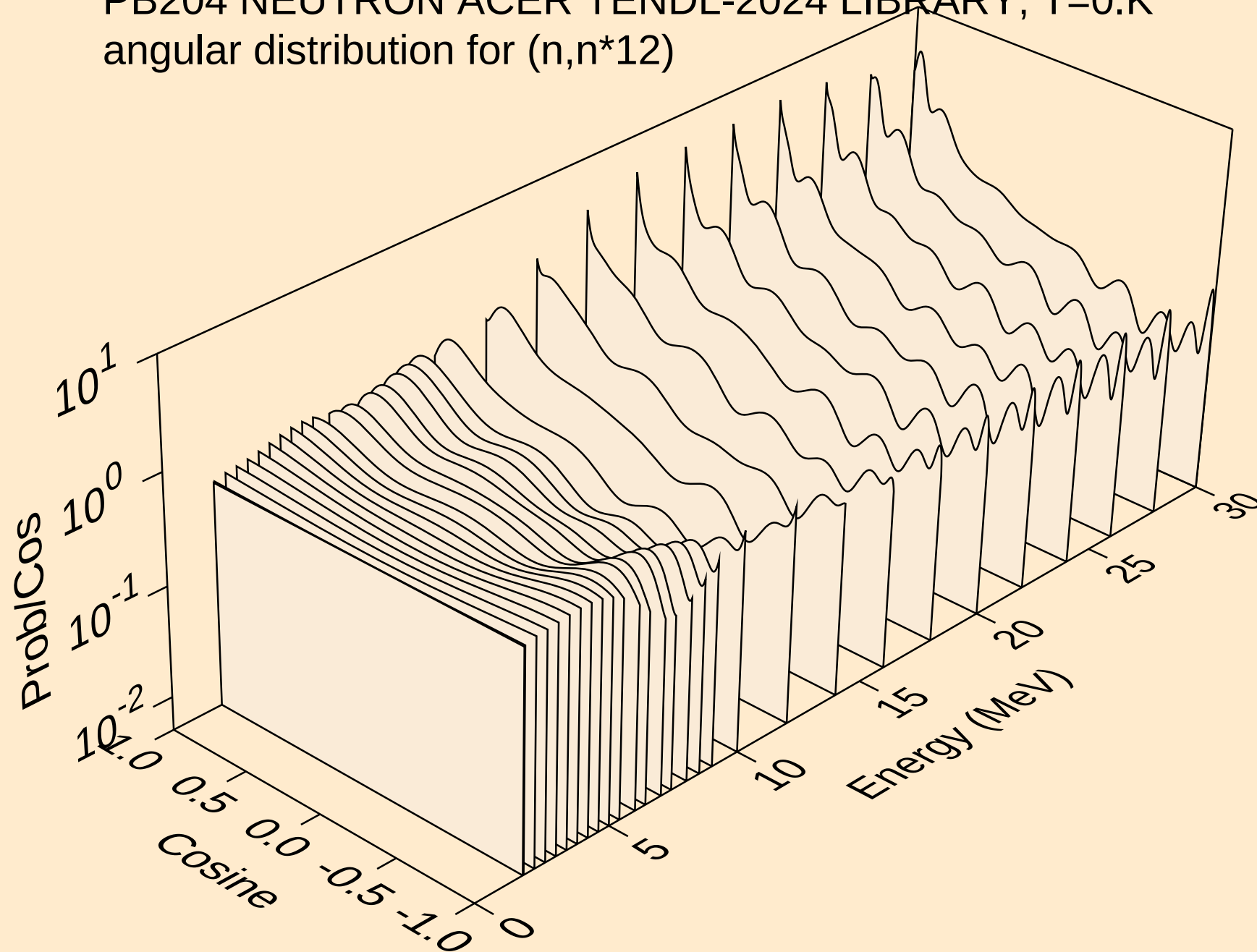
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



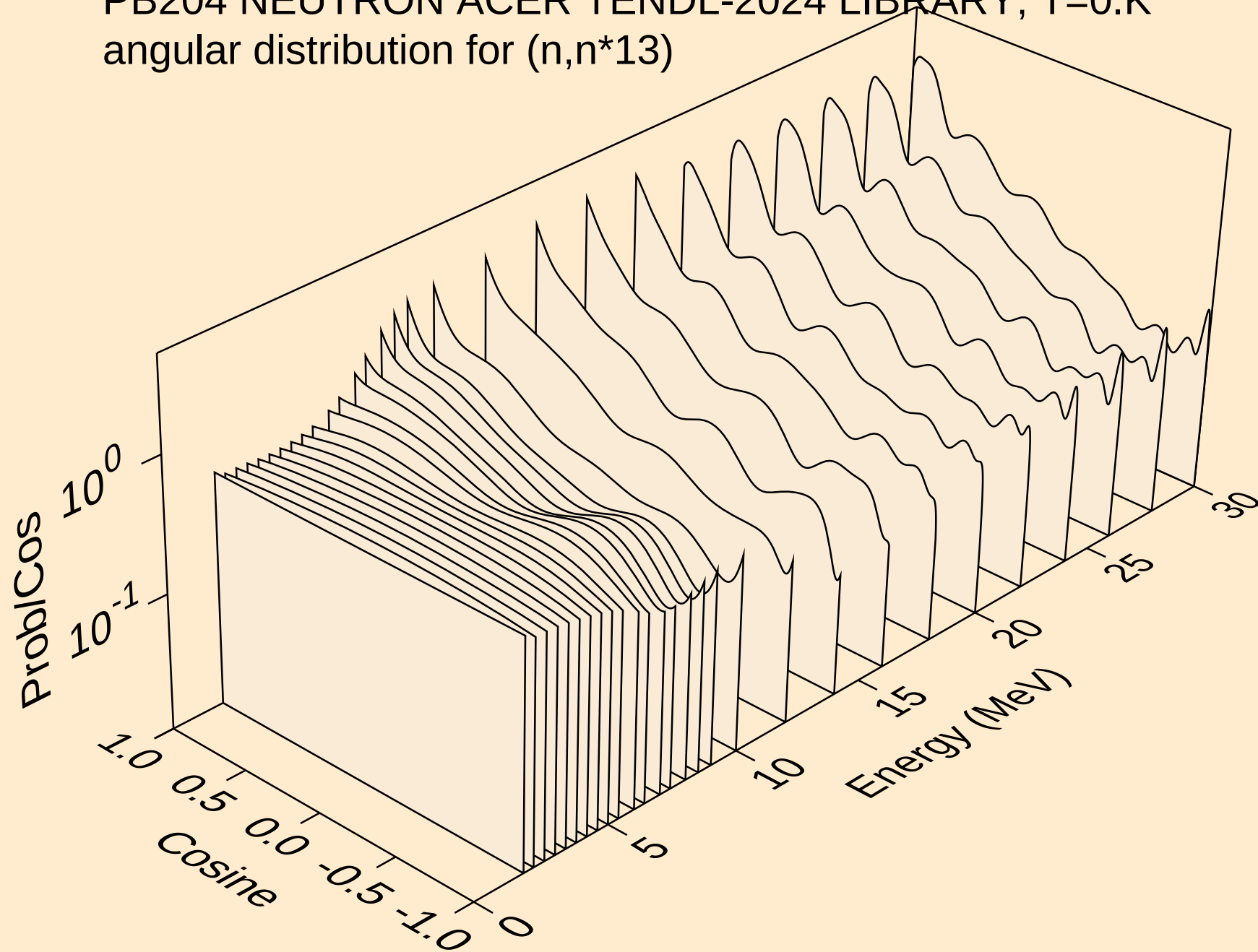
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



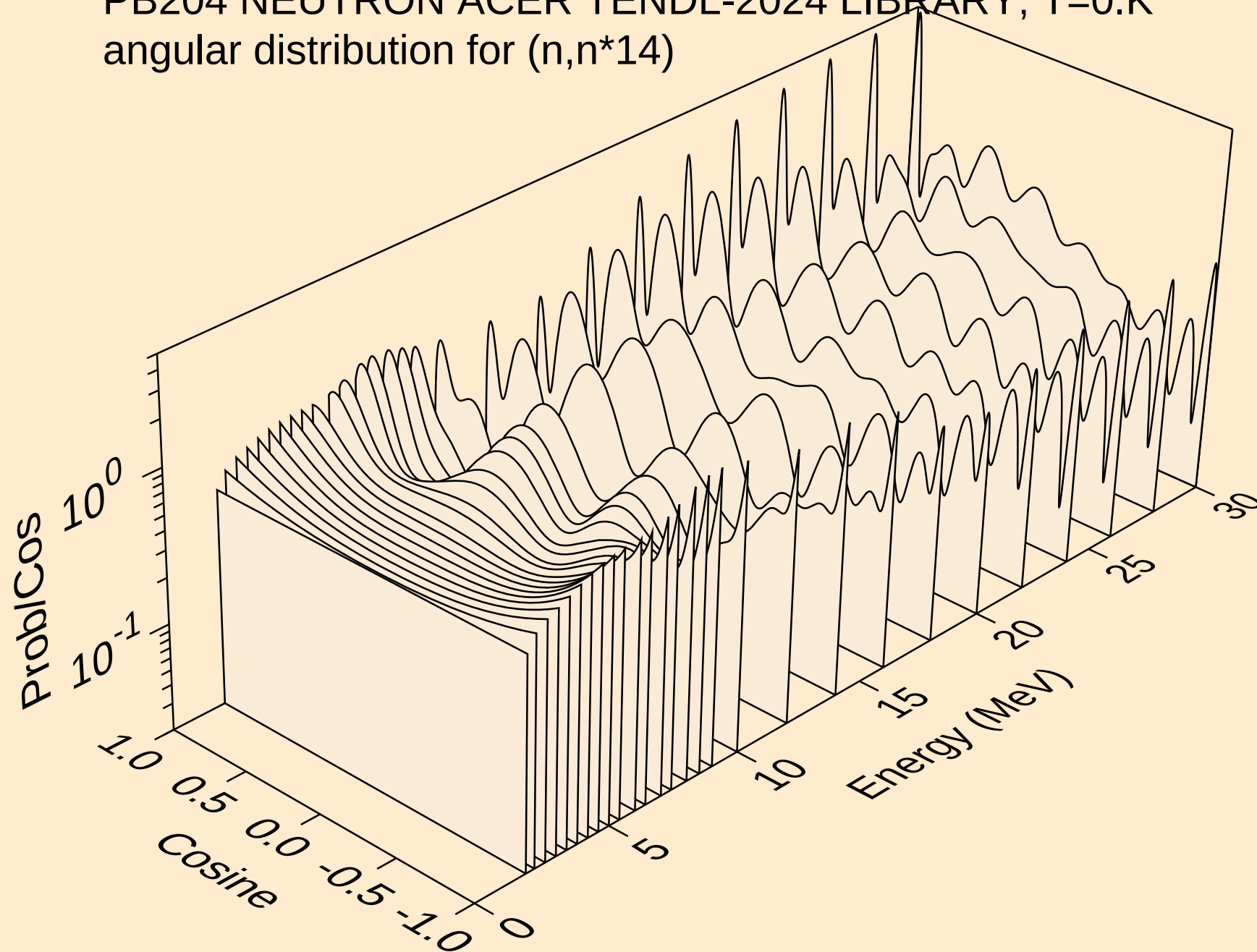
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



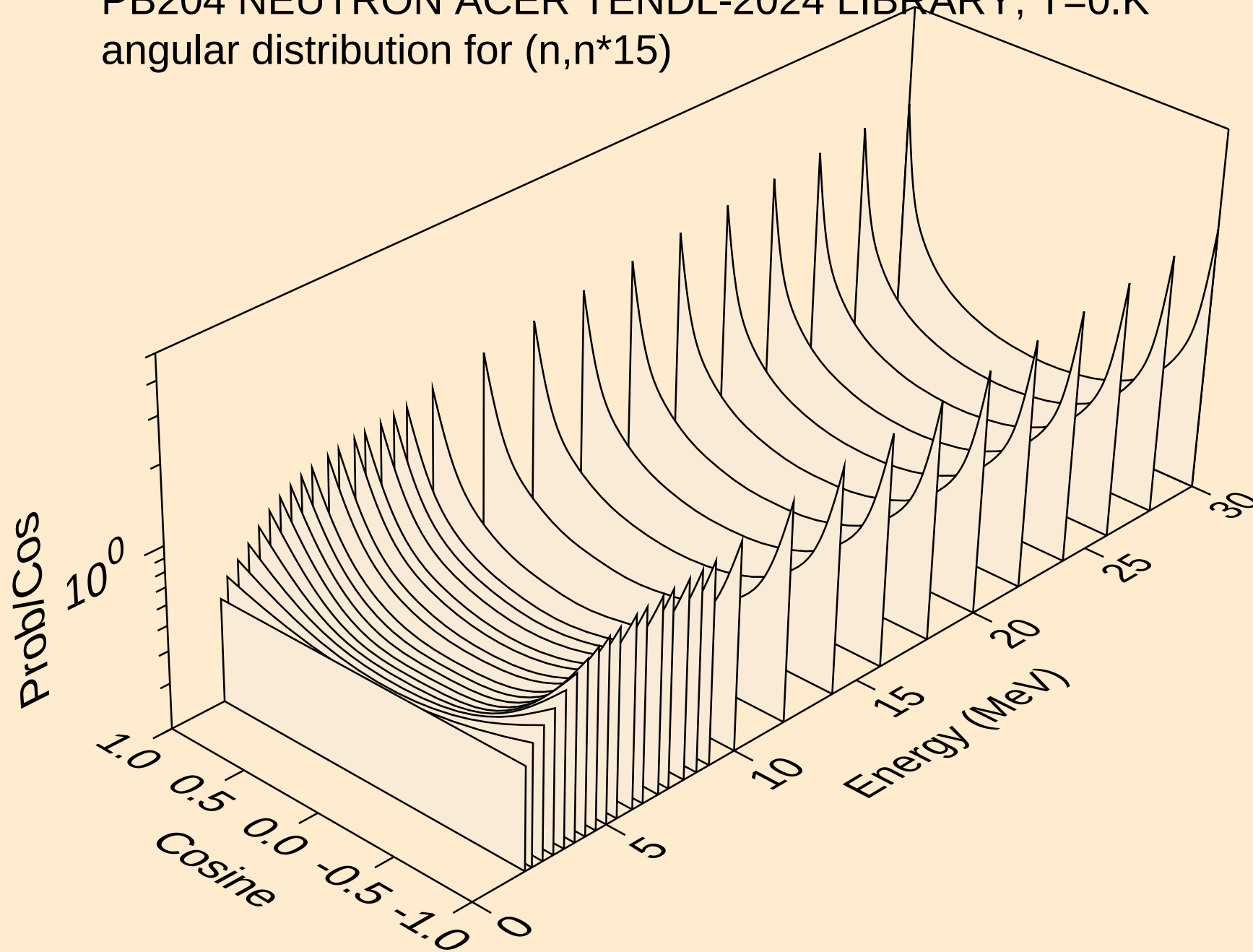
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



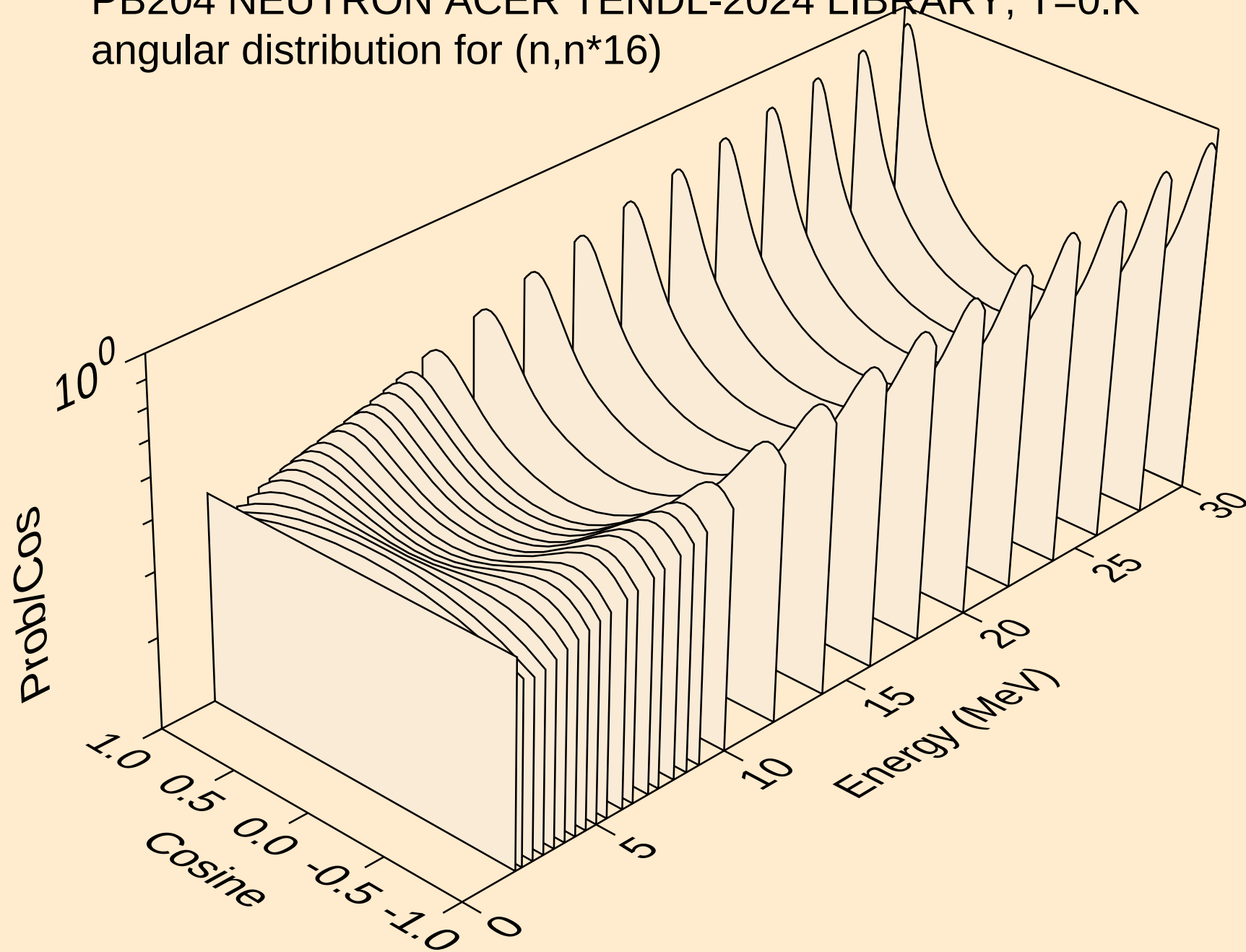
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



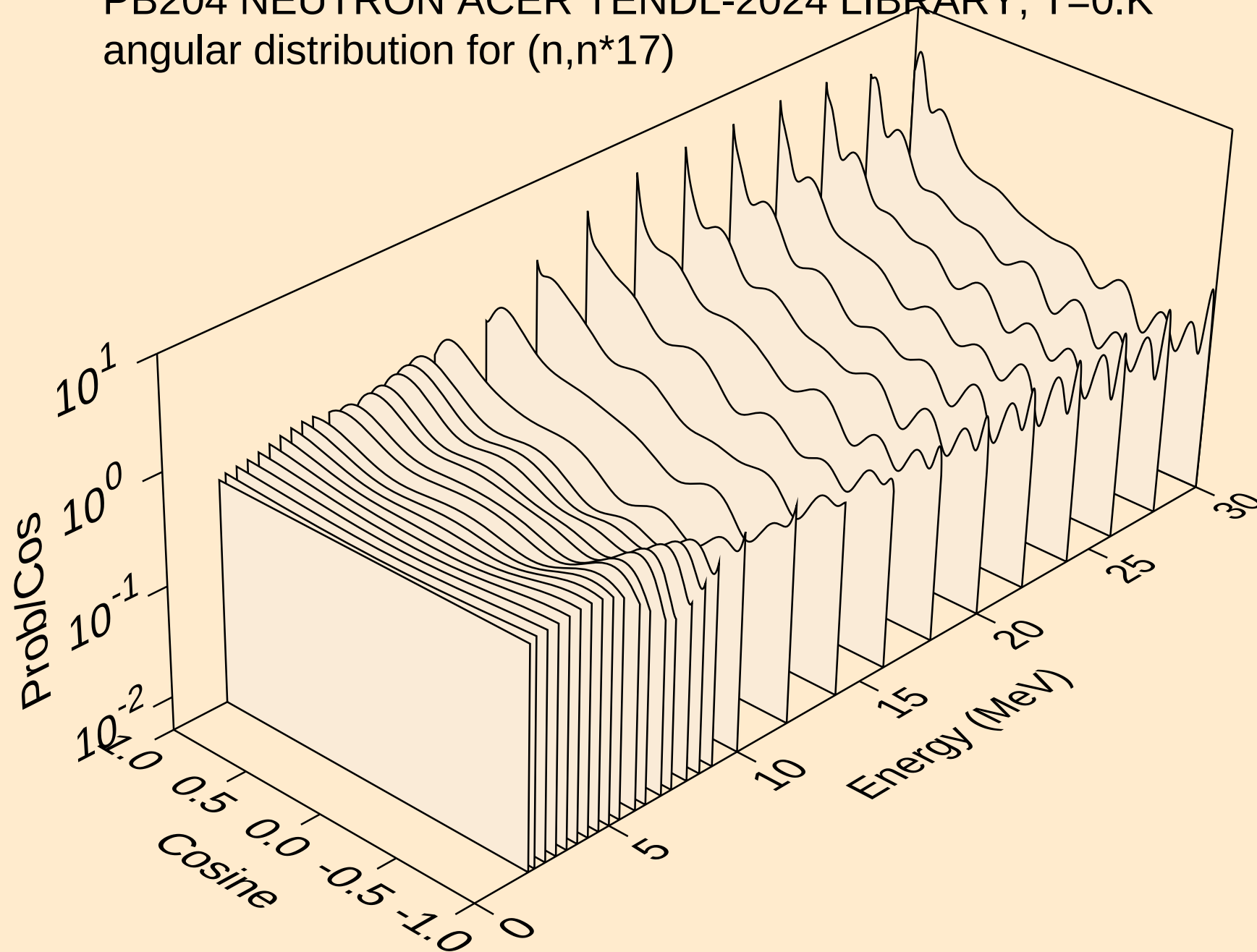
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



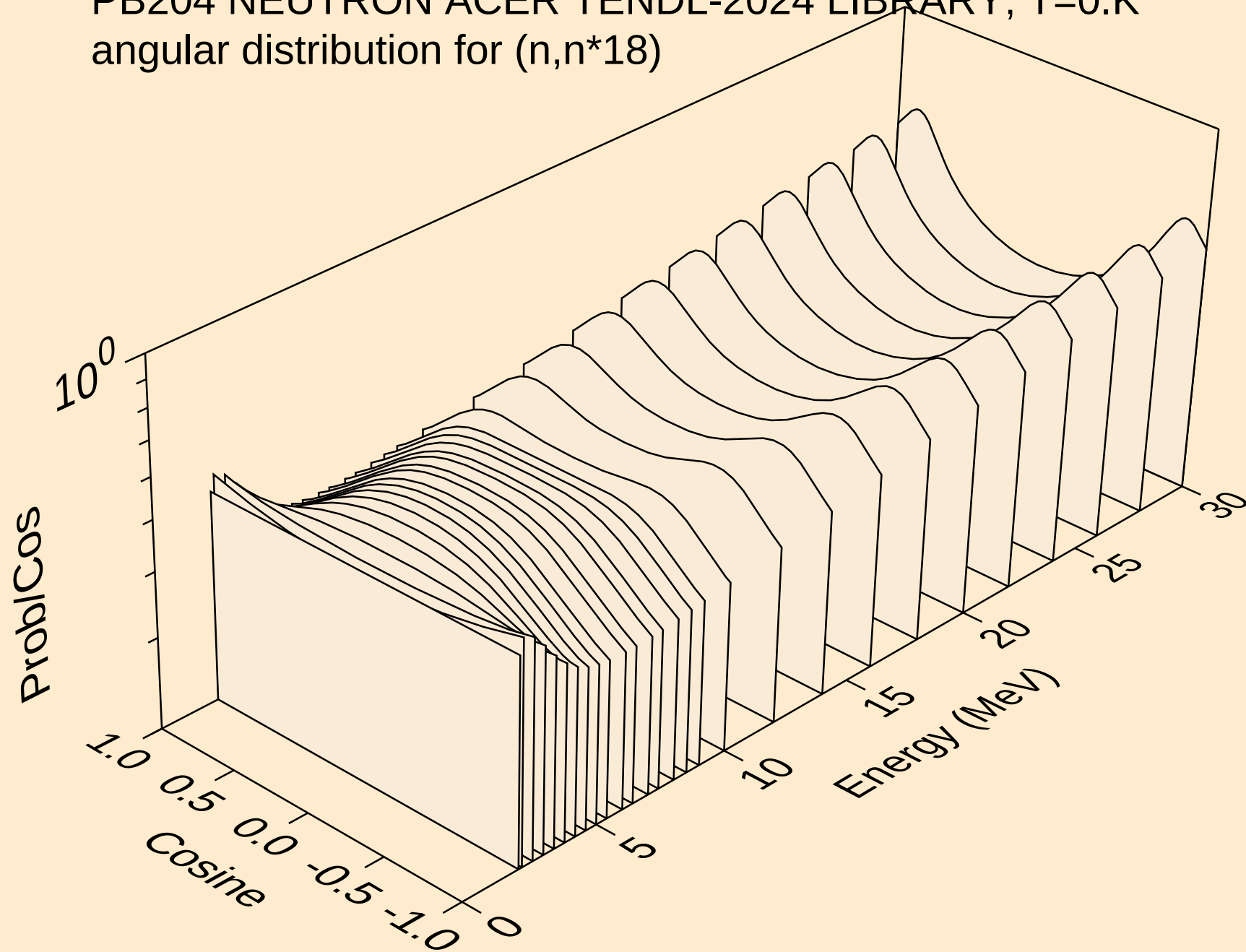
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



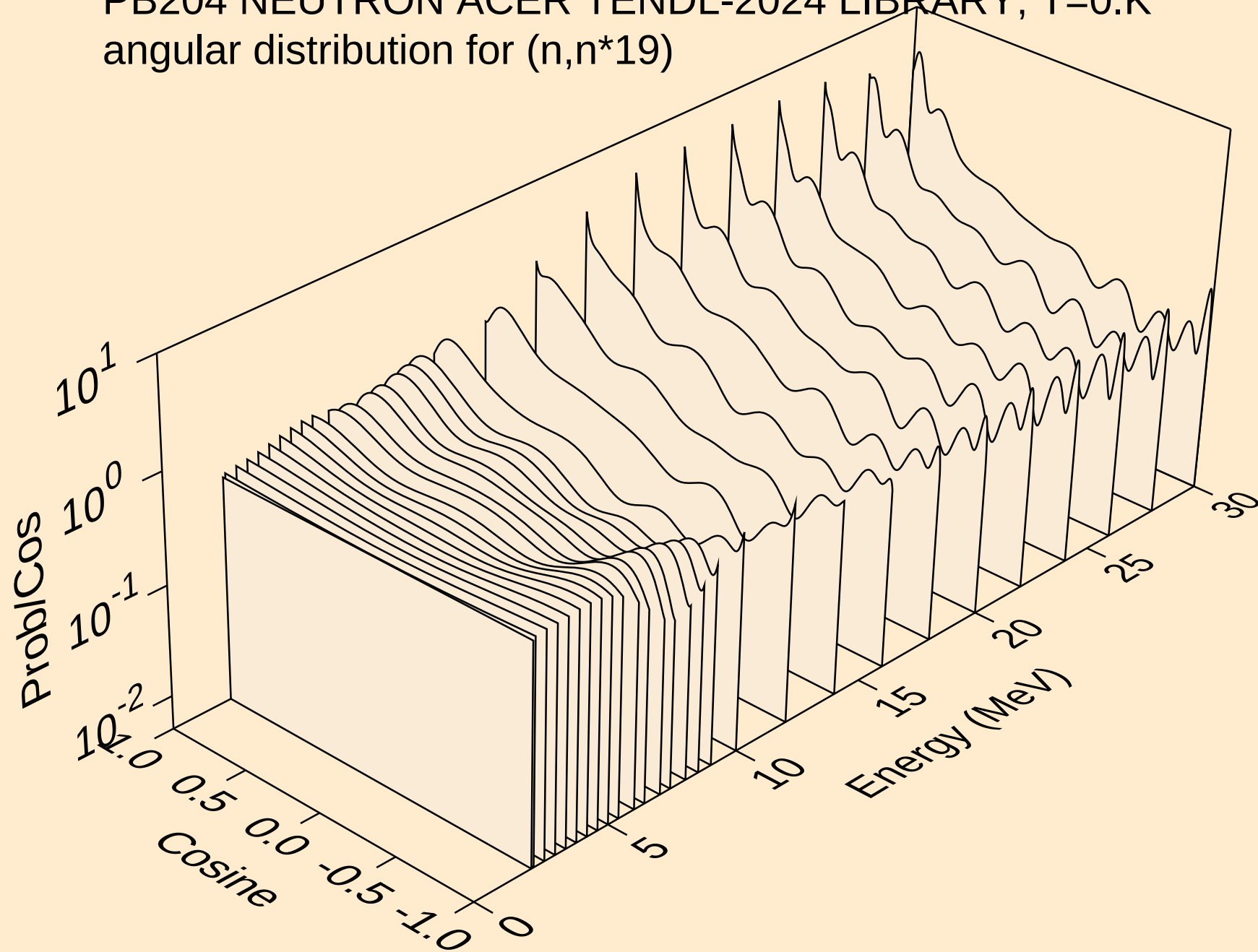
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



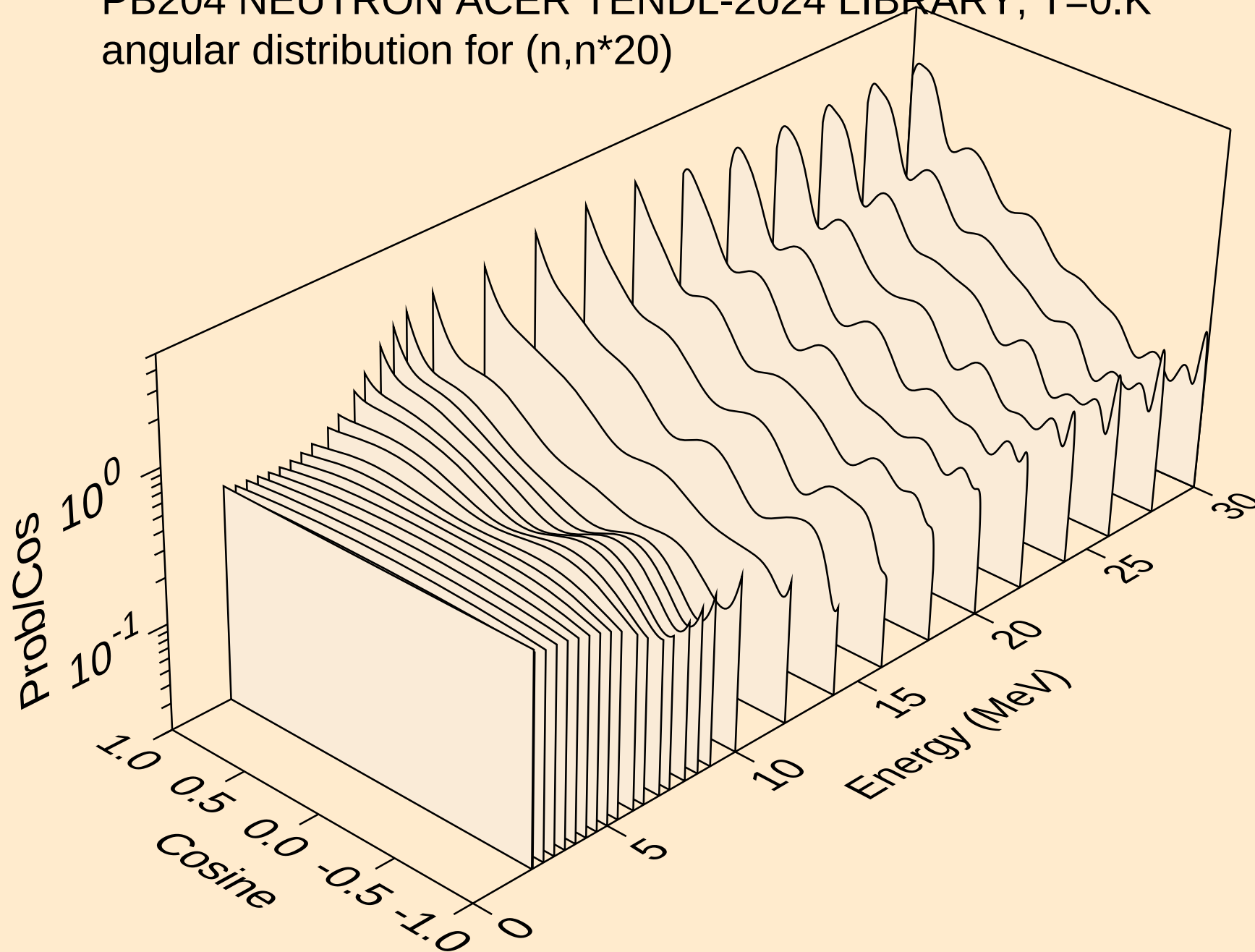
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



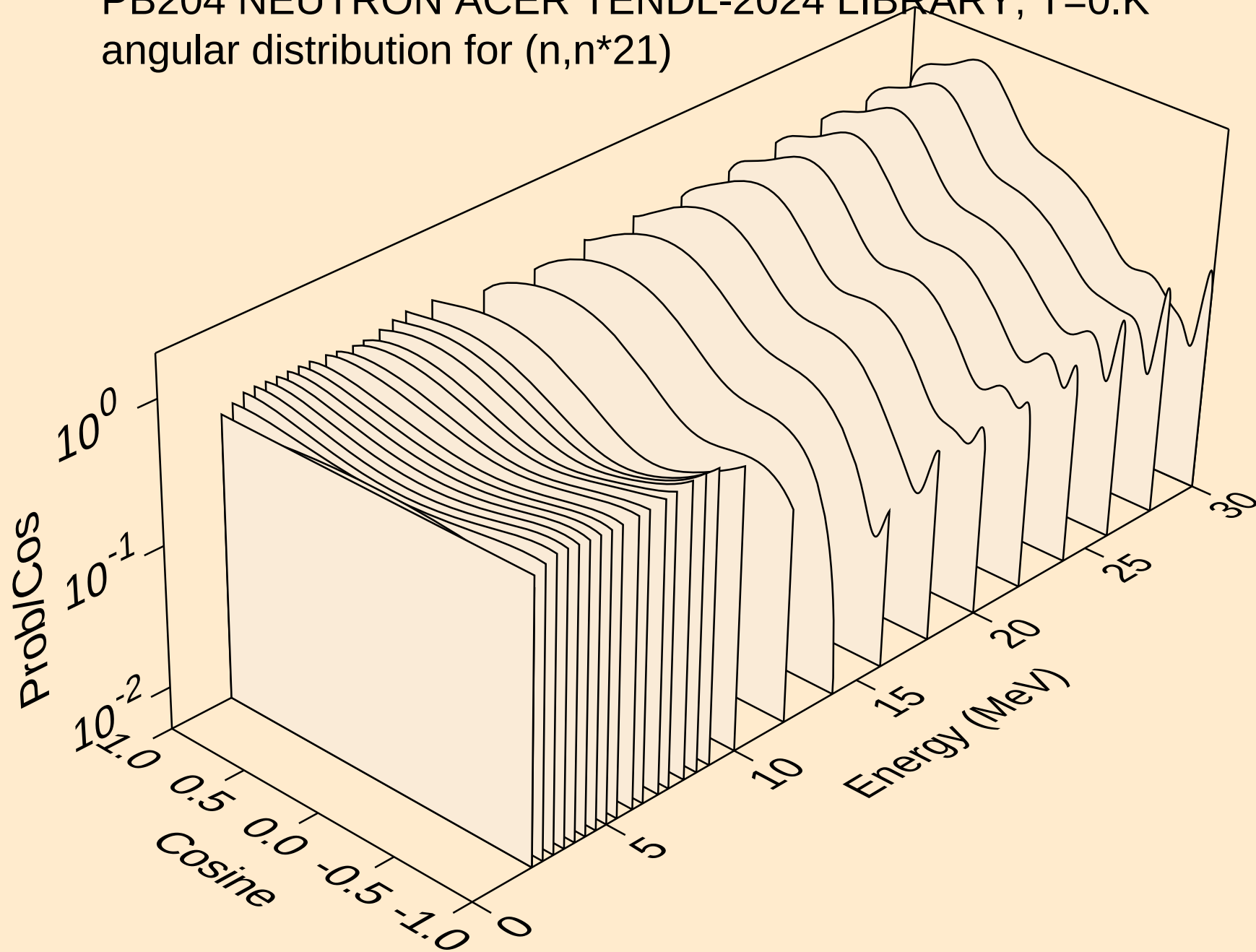
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



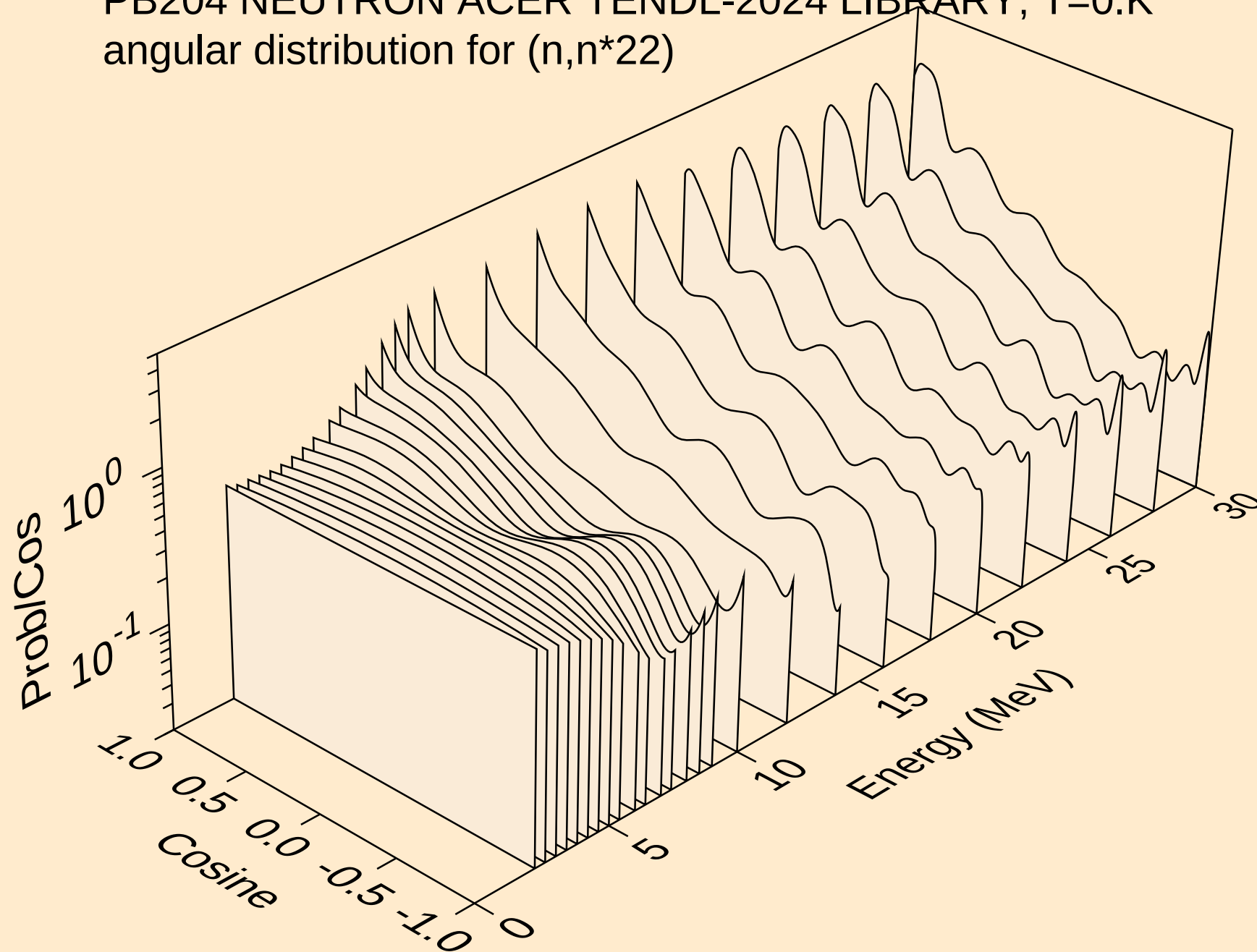
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



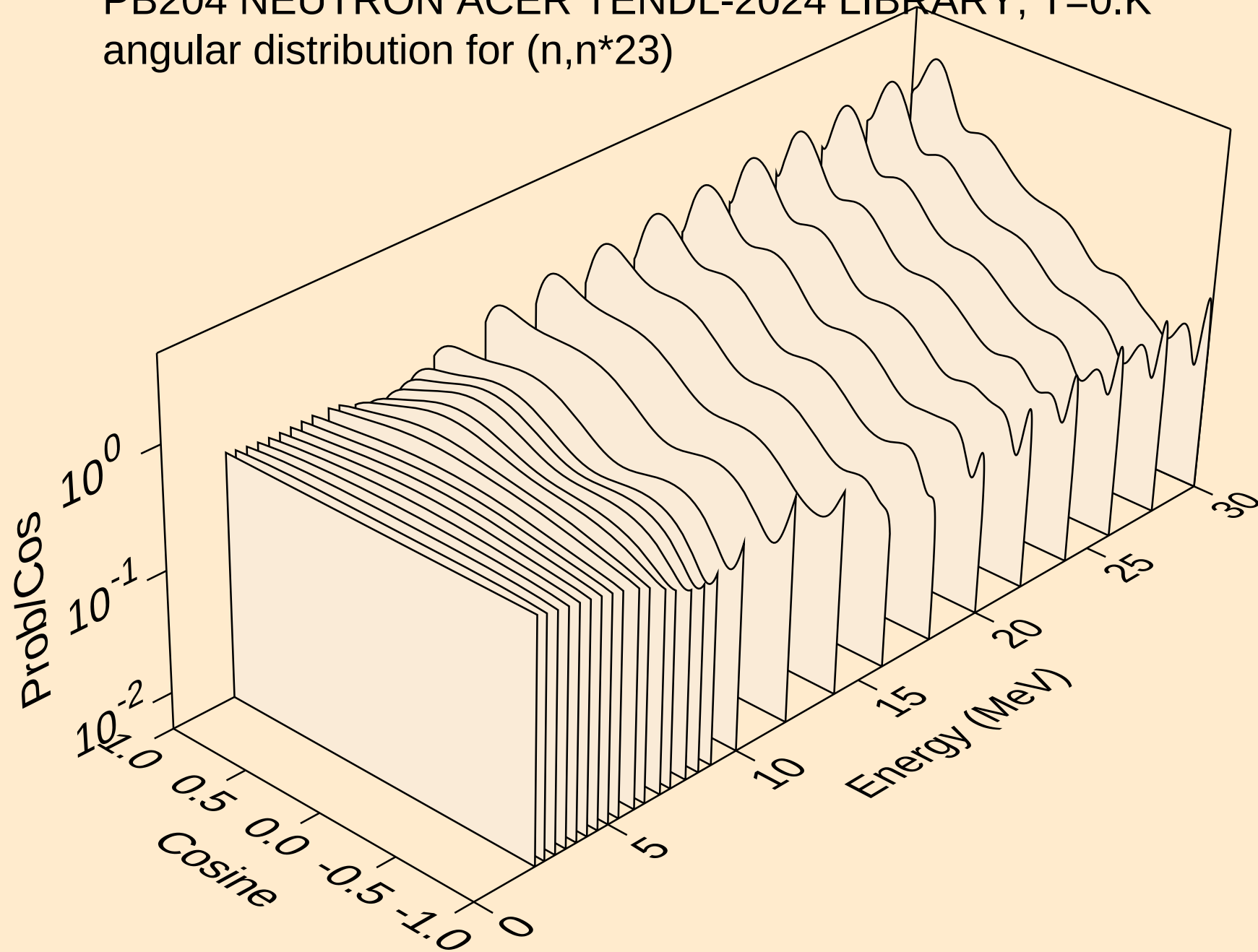
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



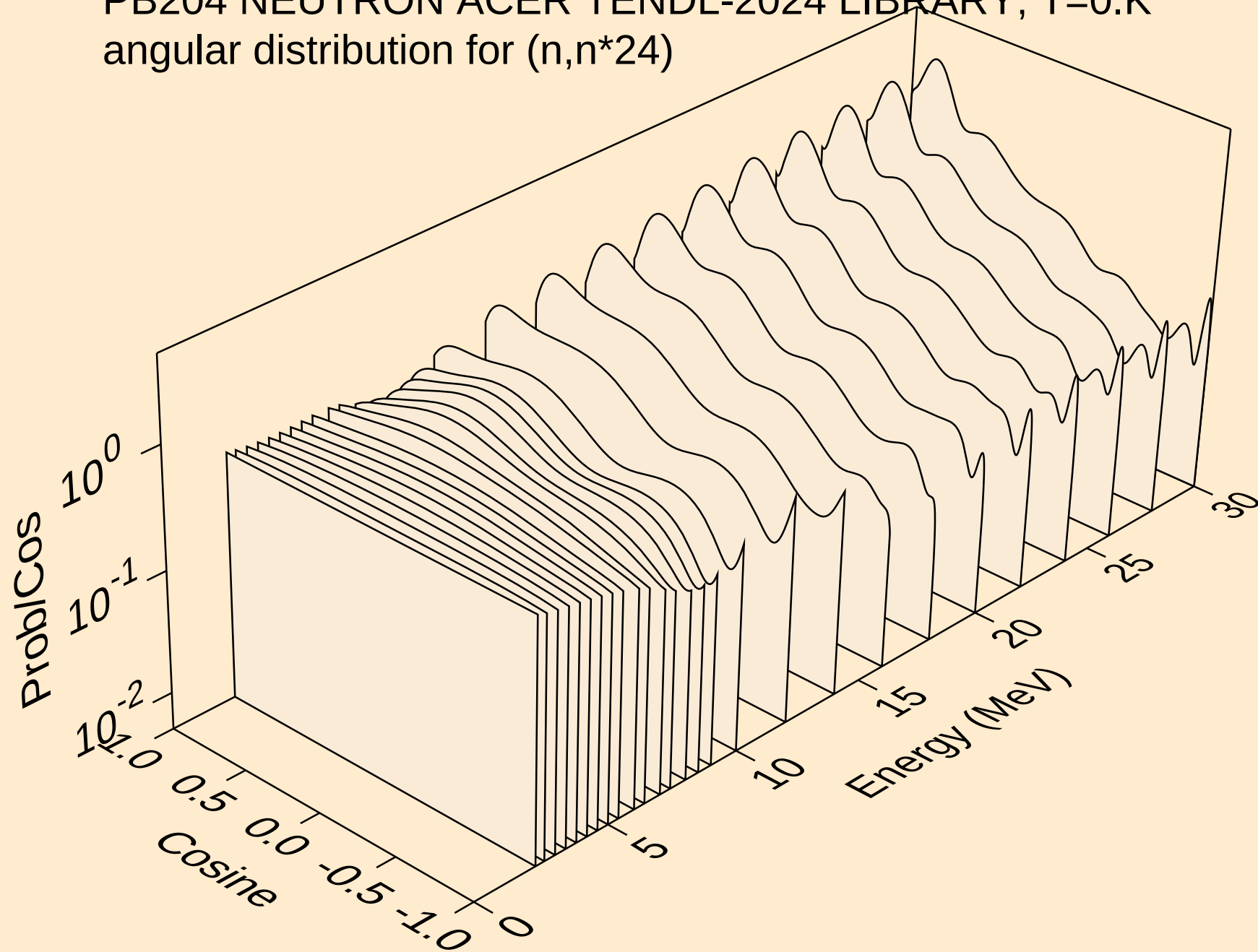
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



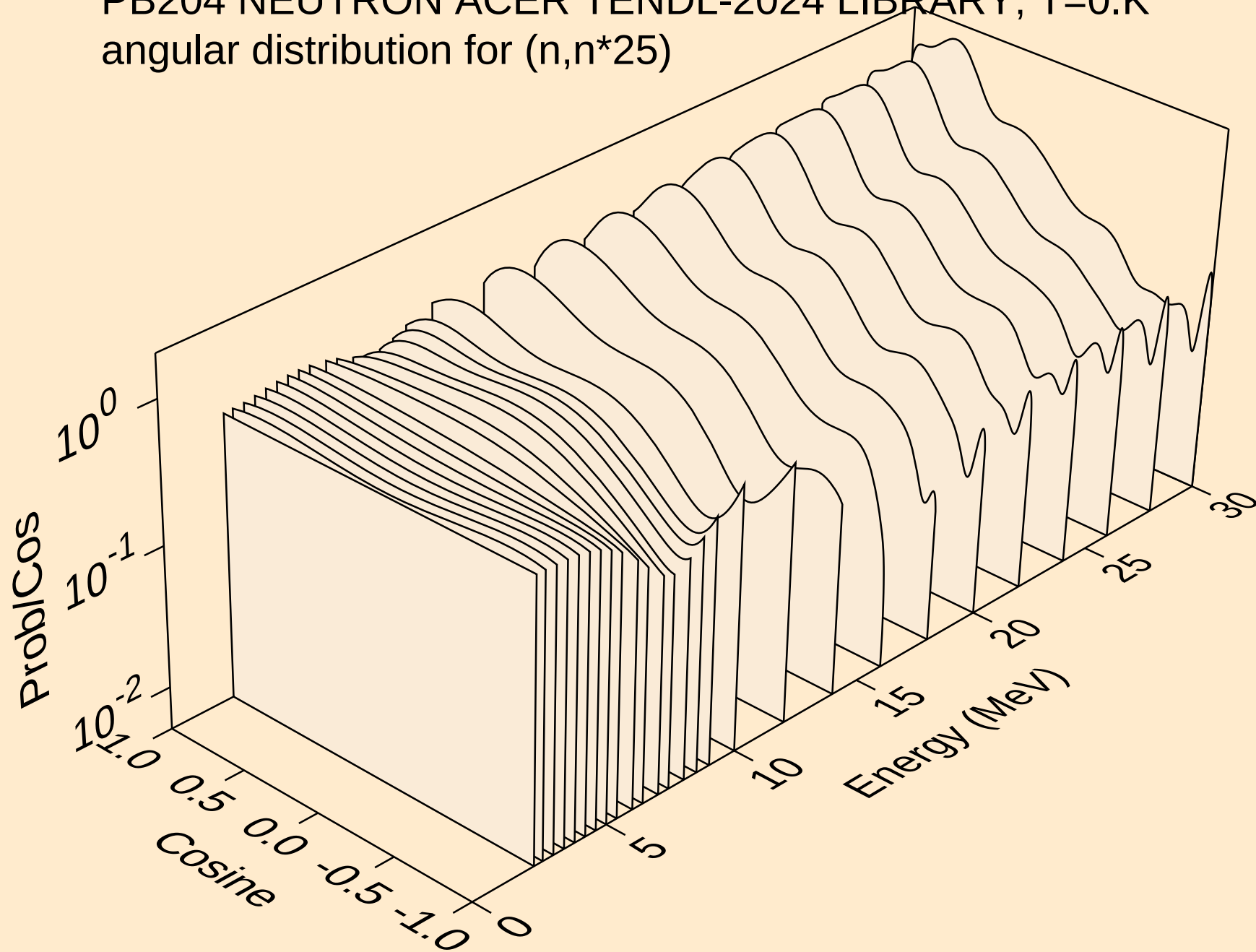
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



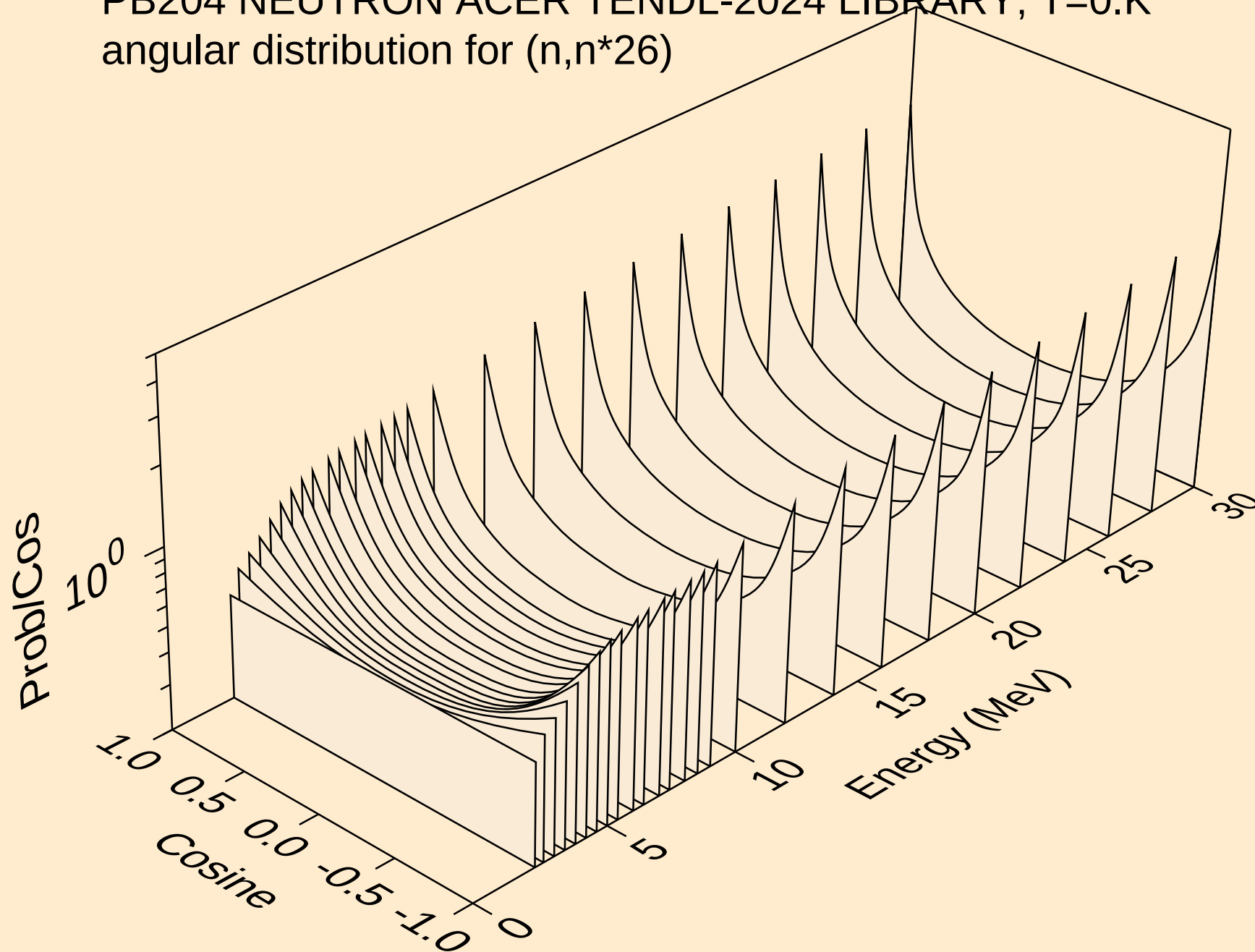
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



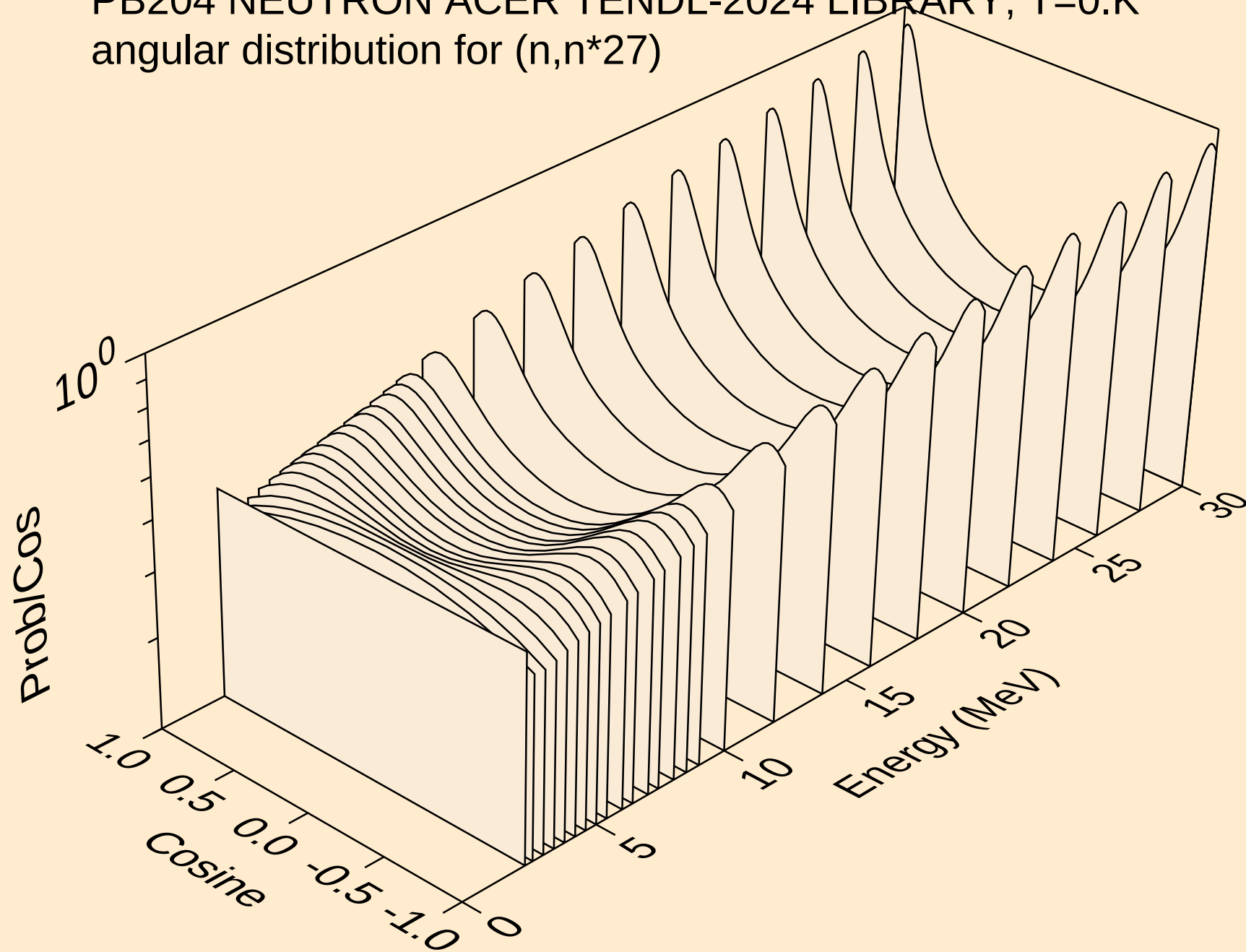
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



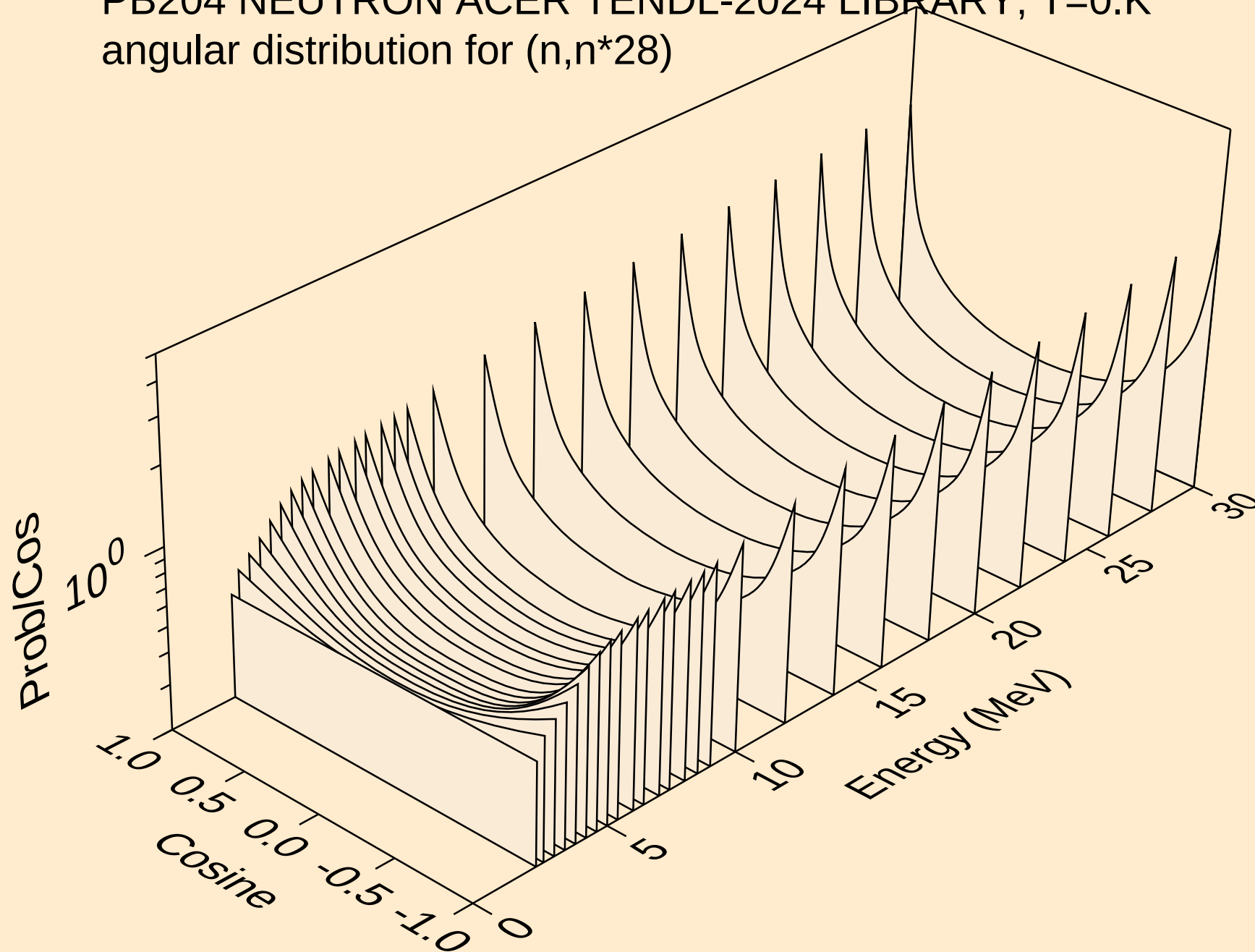
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



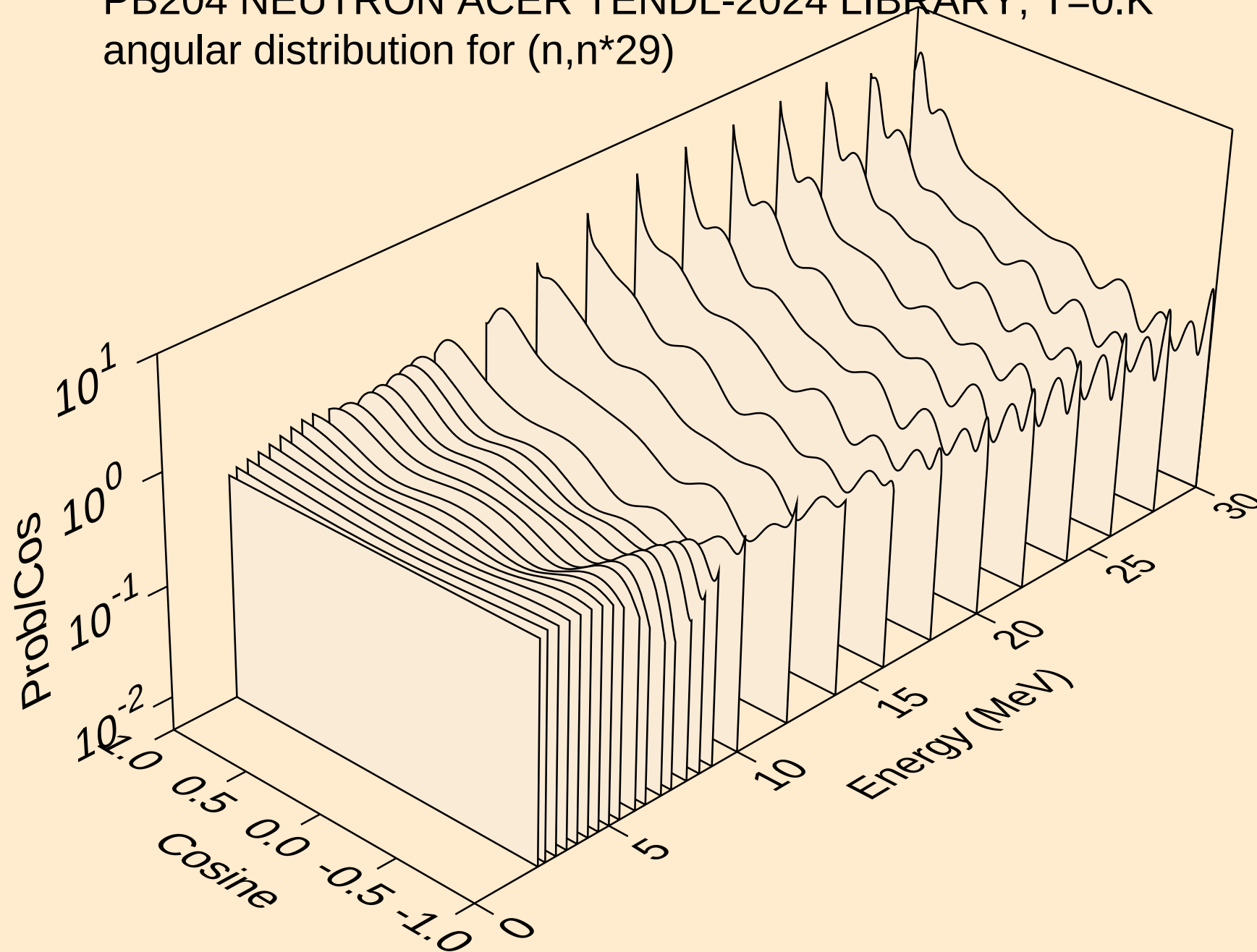
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



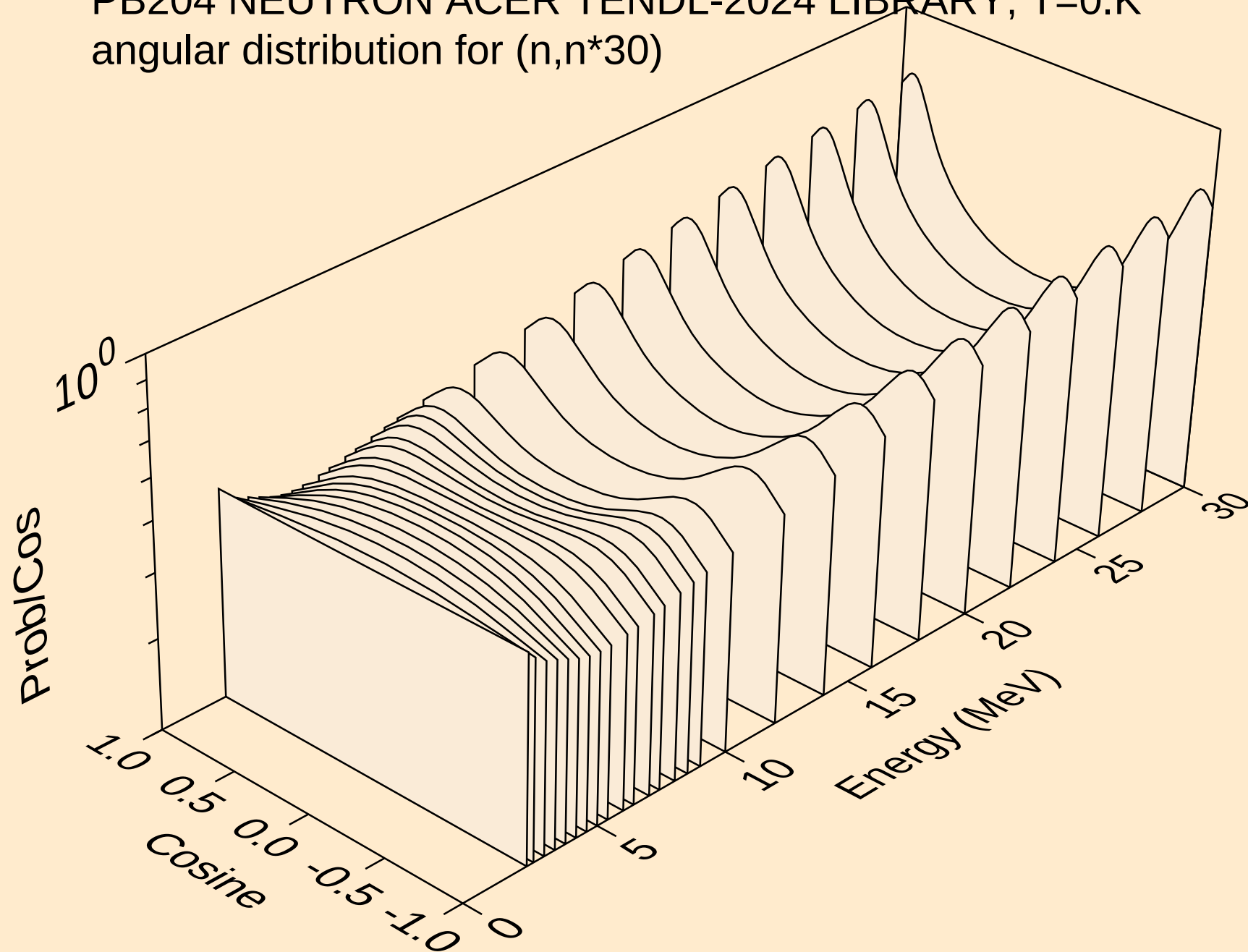
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



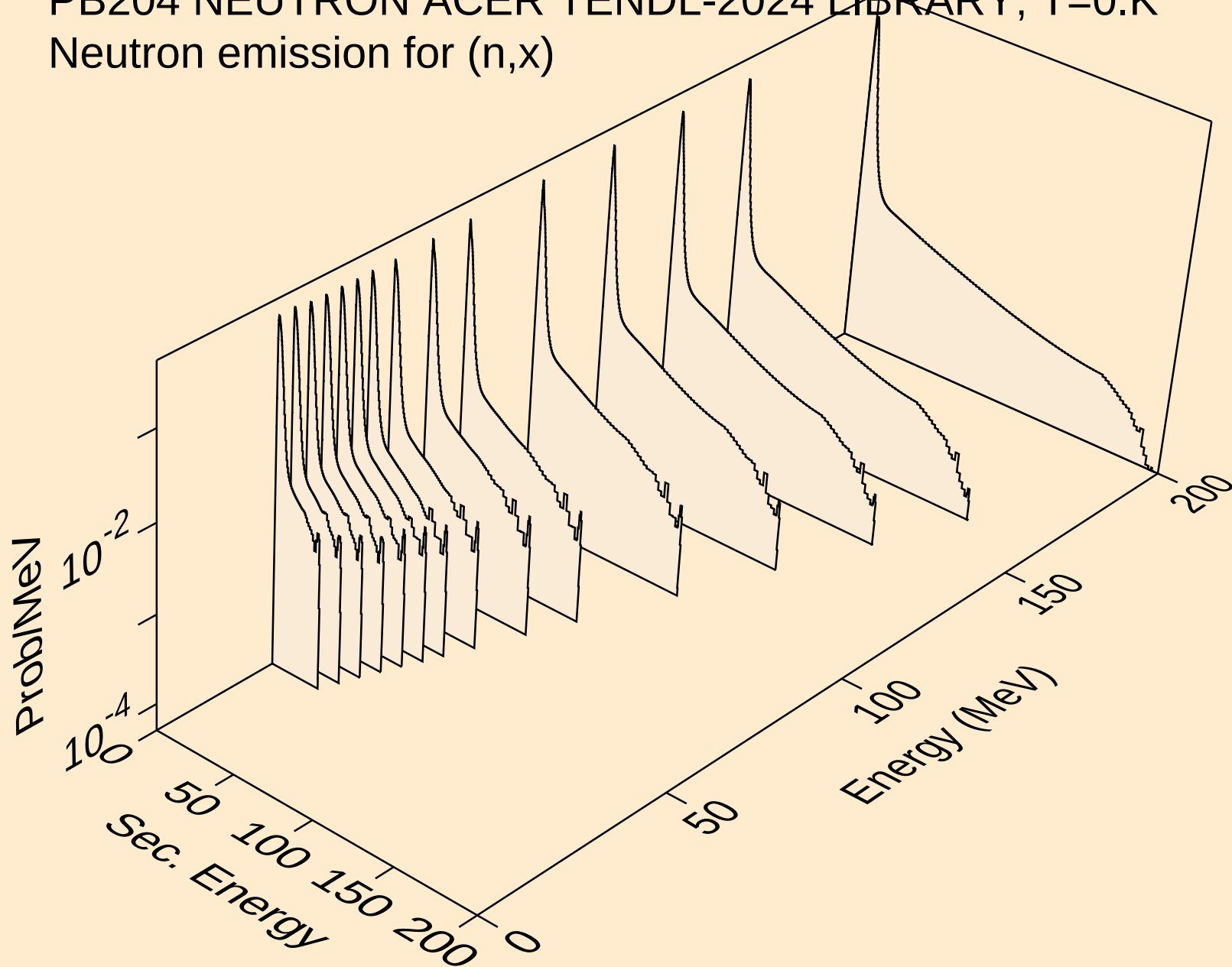
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



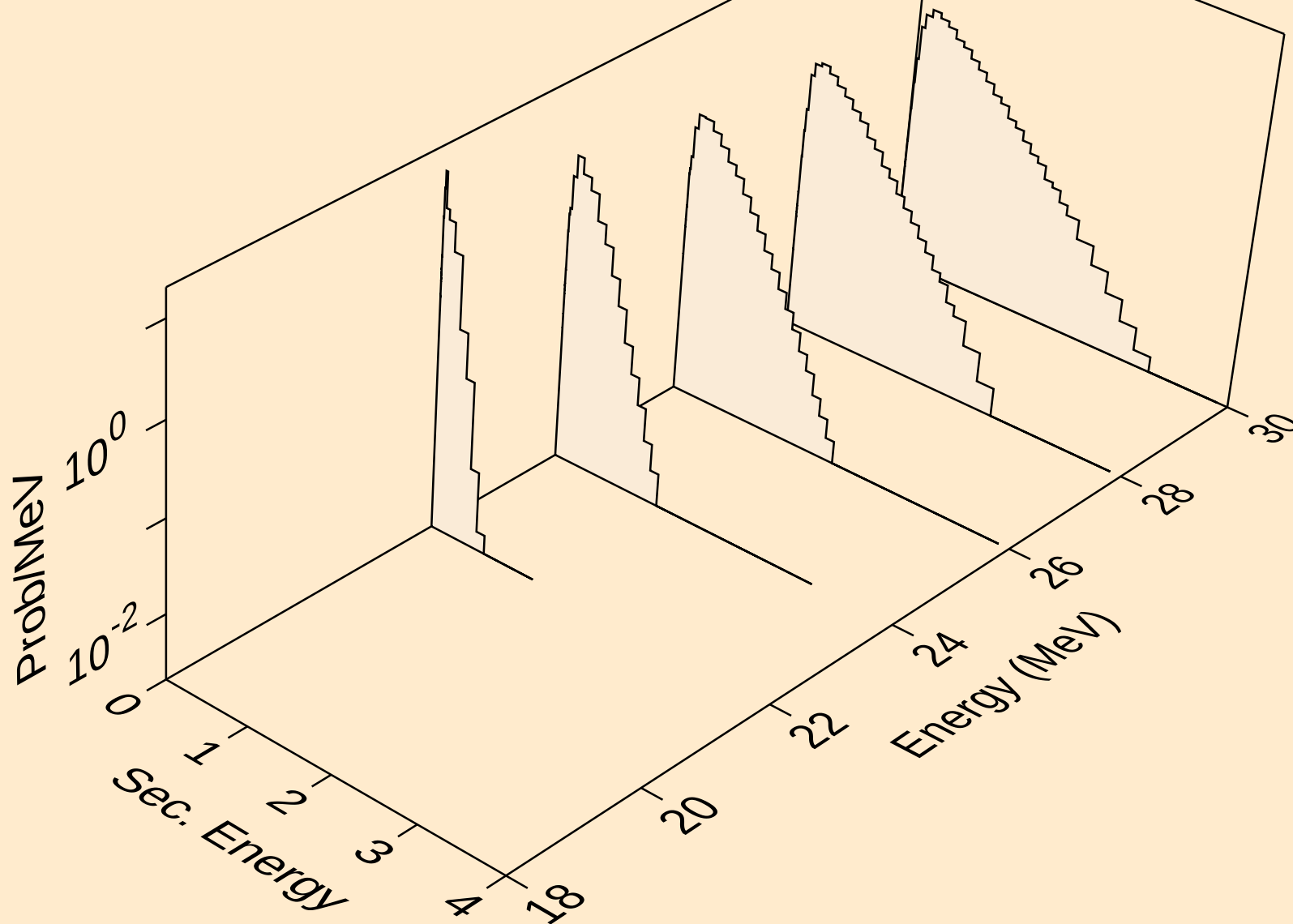
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



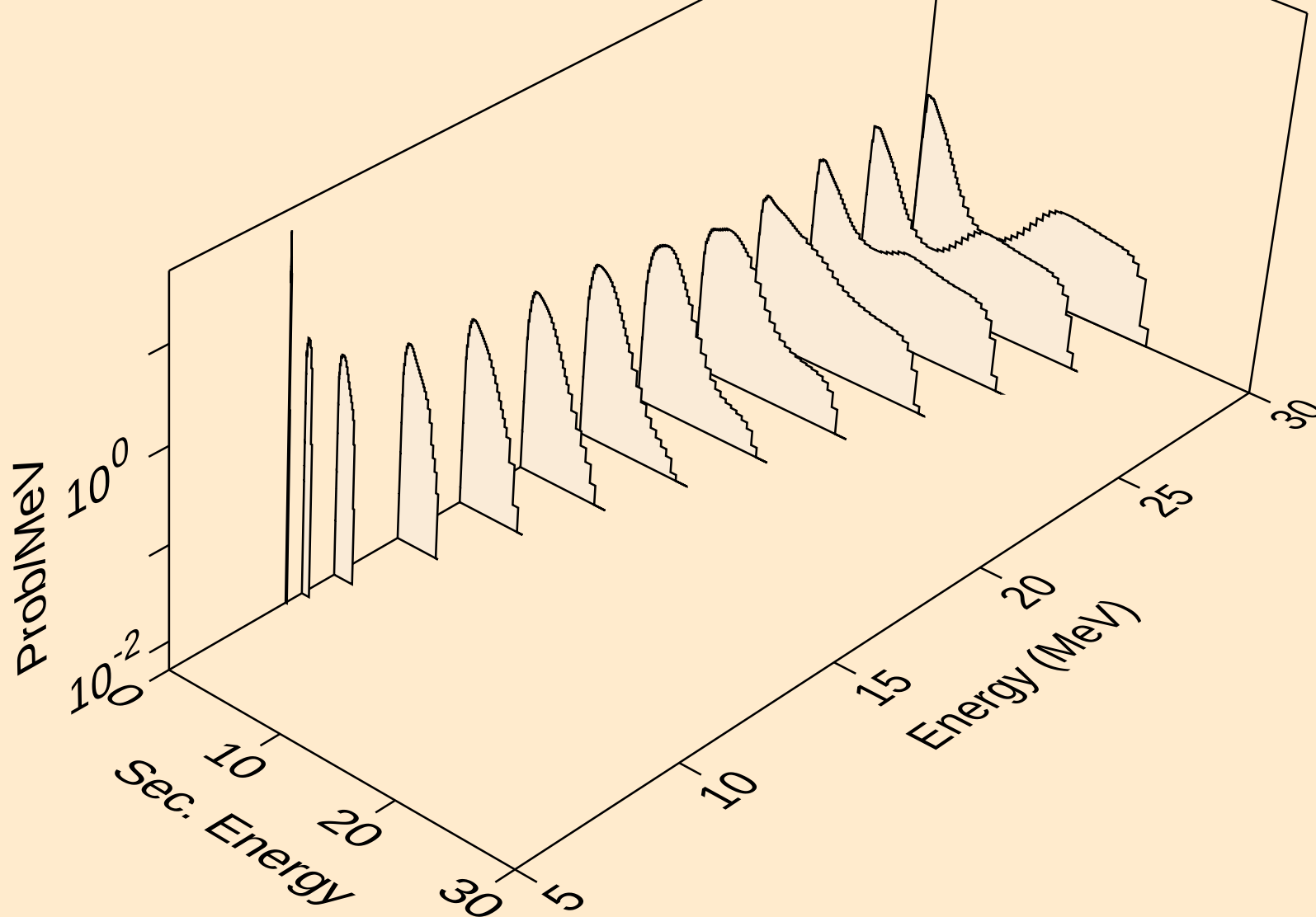
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



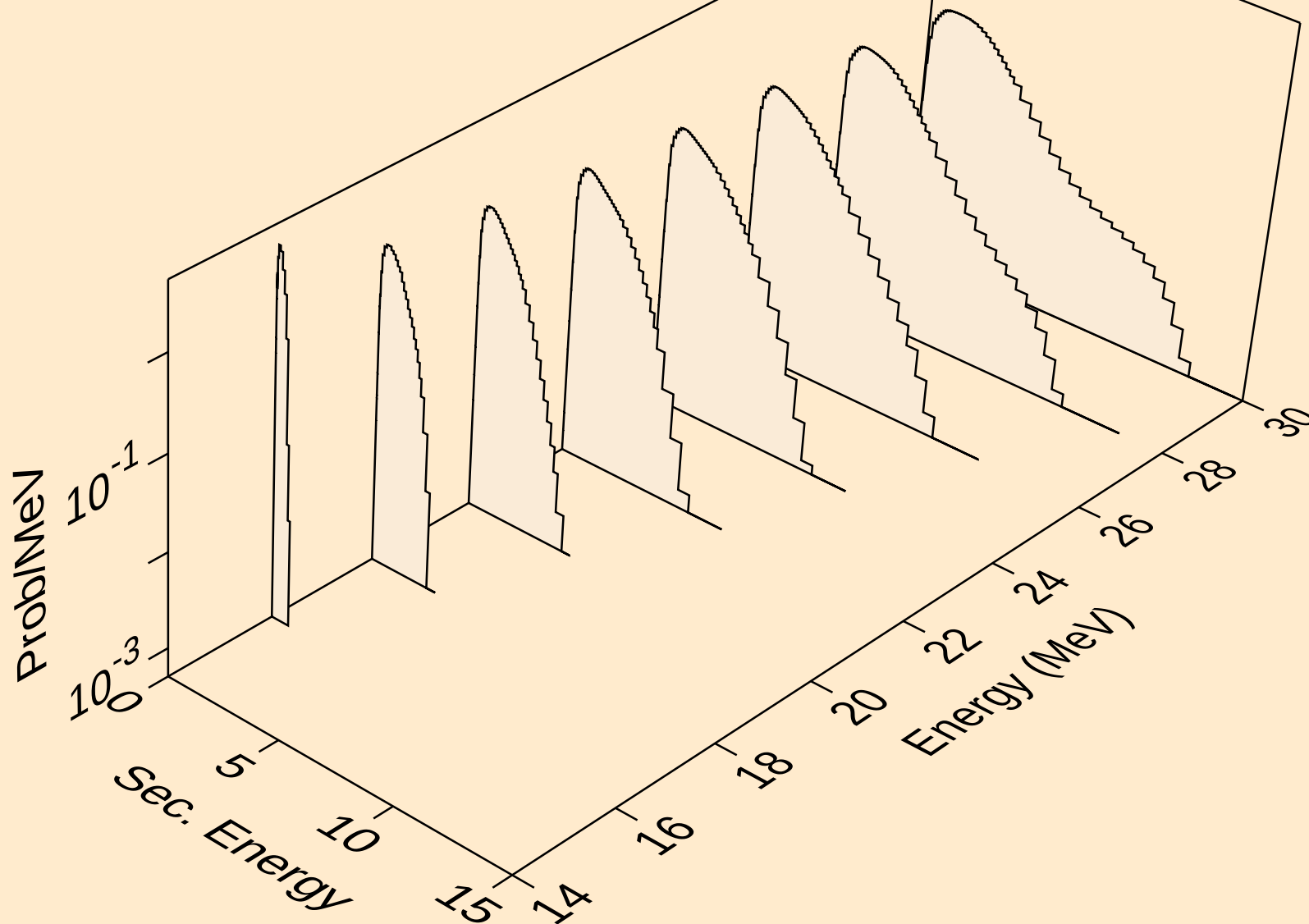
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



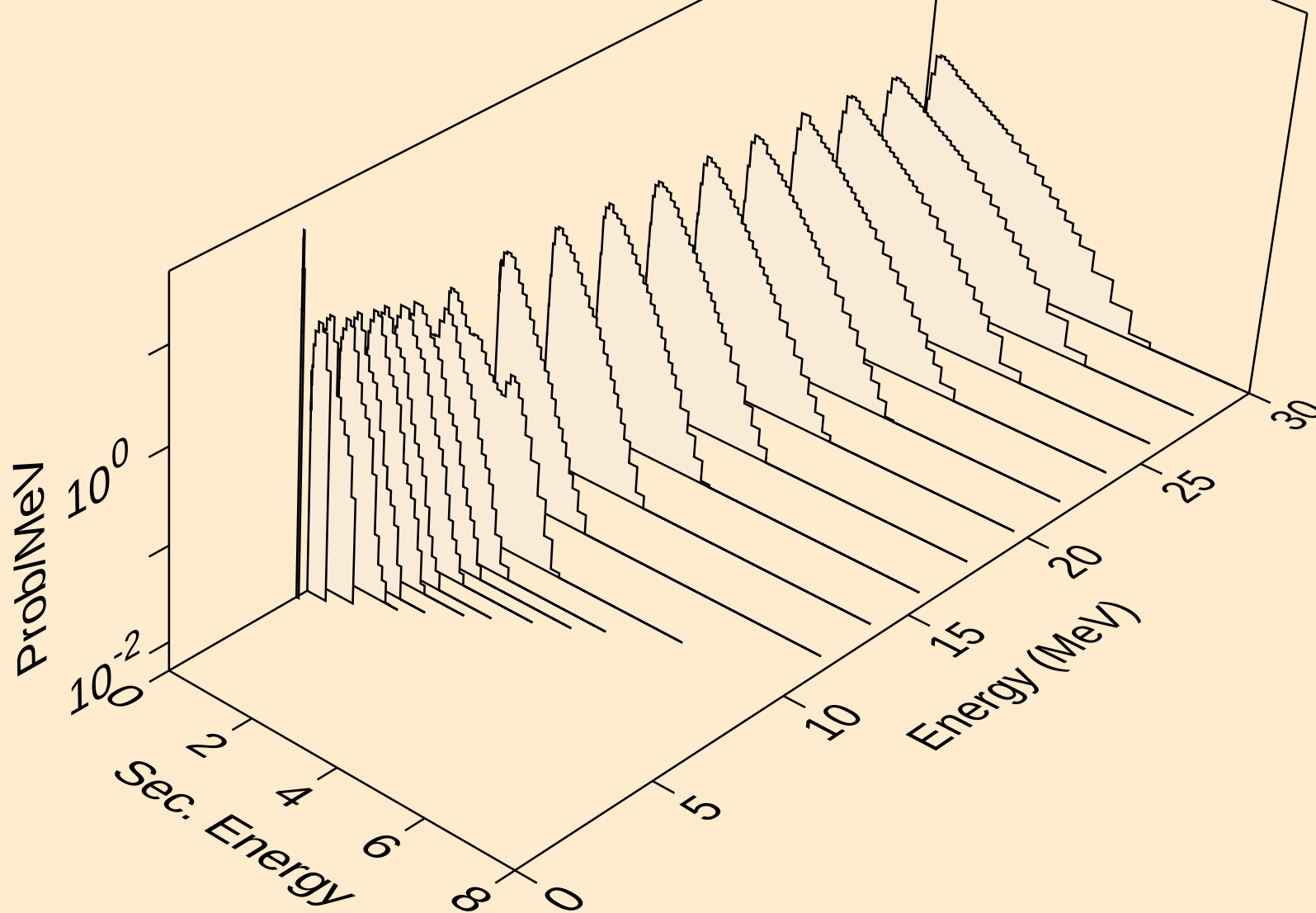
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



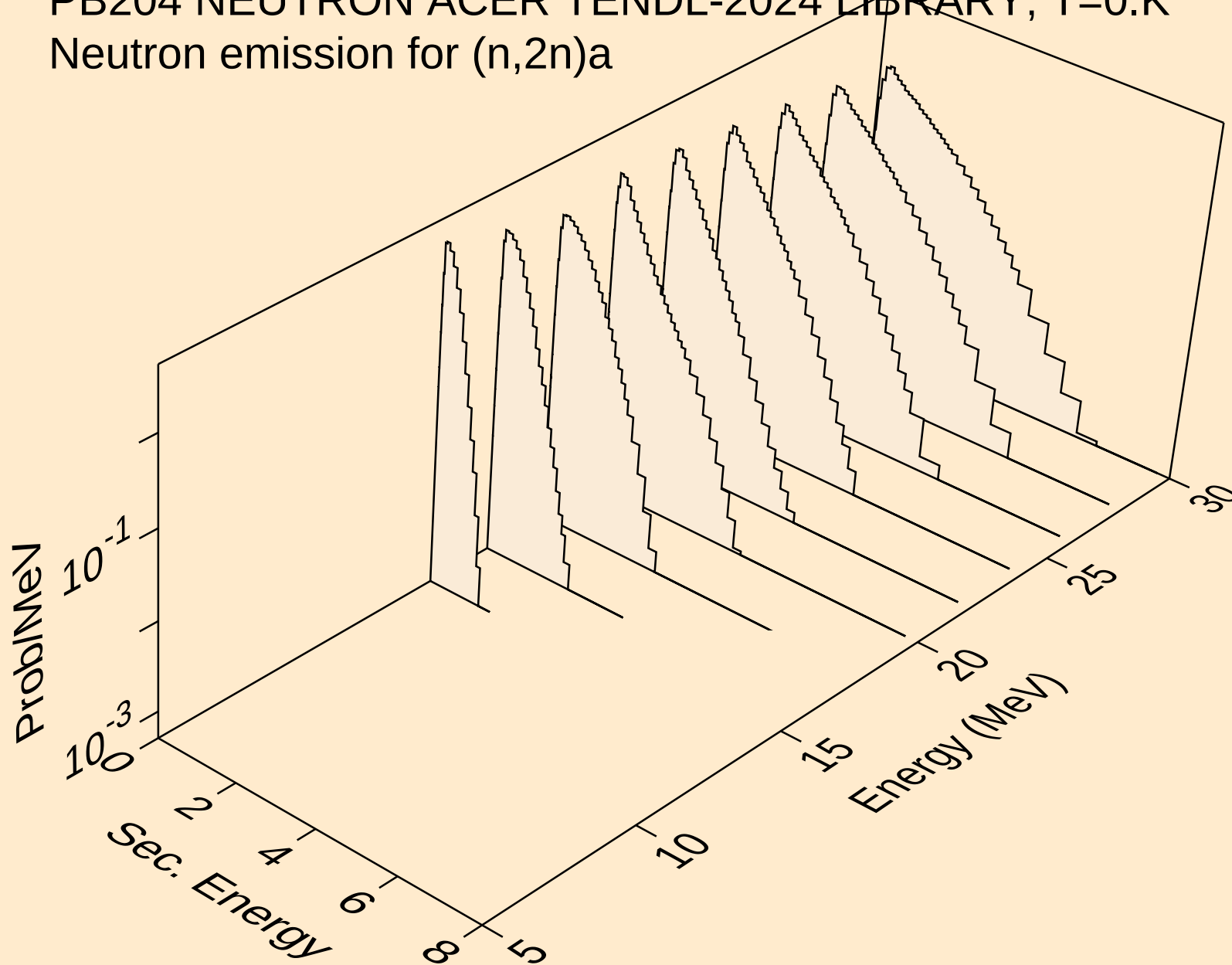
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

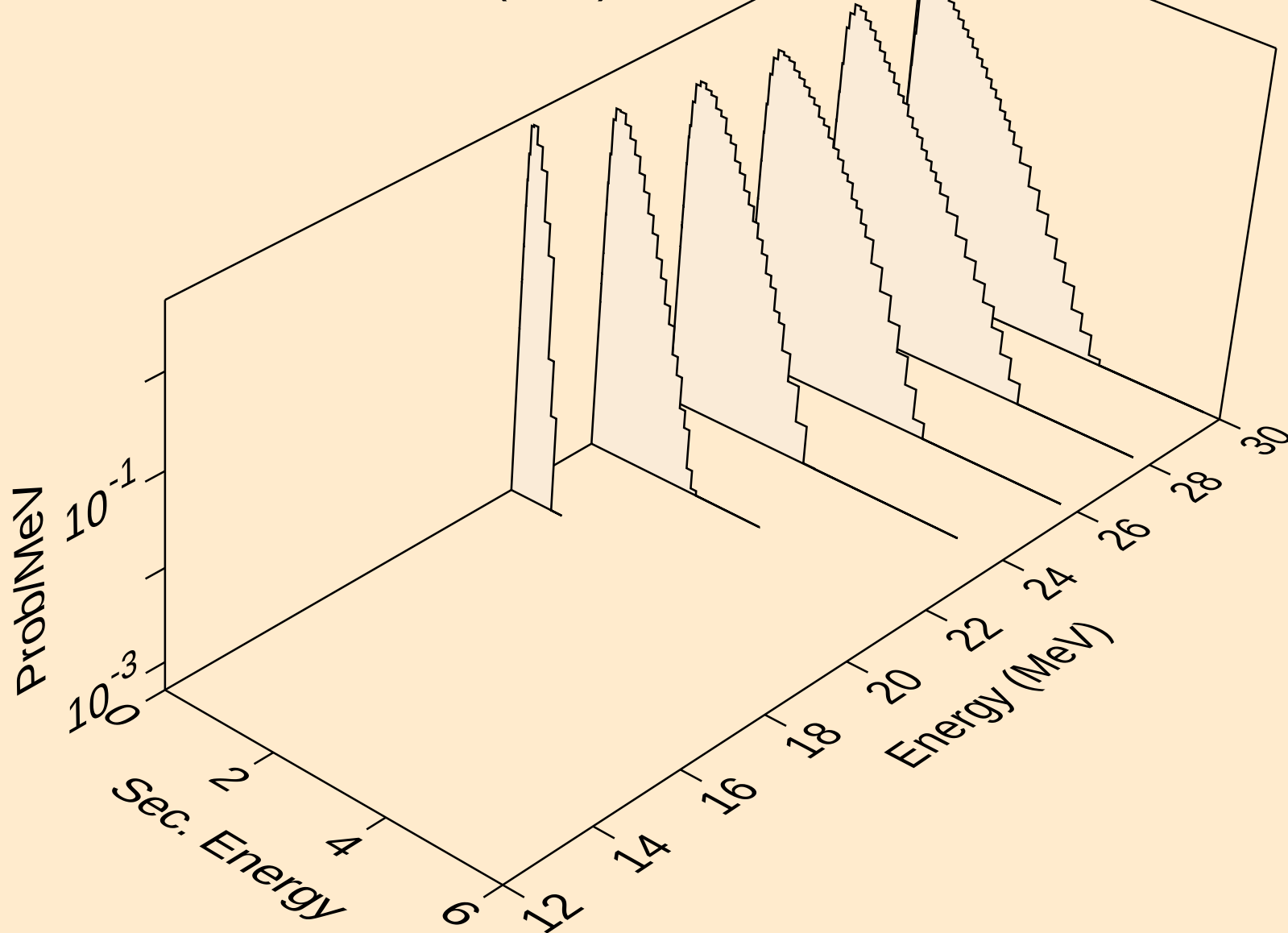


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



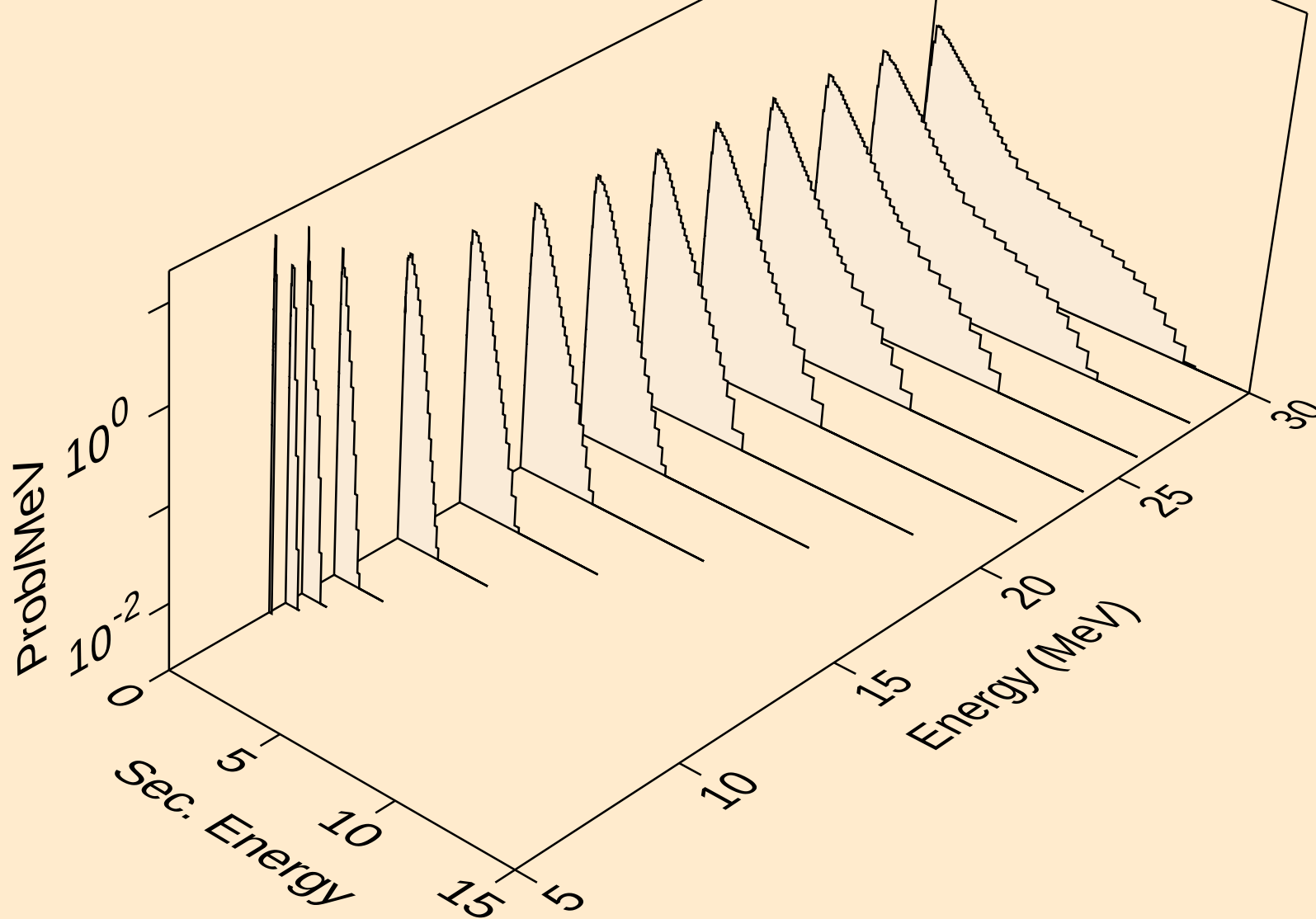
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,3n)a

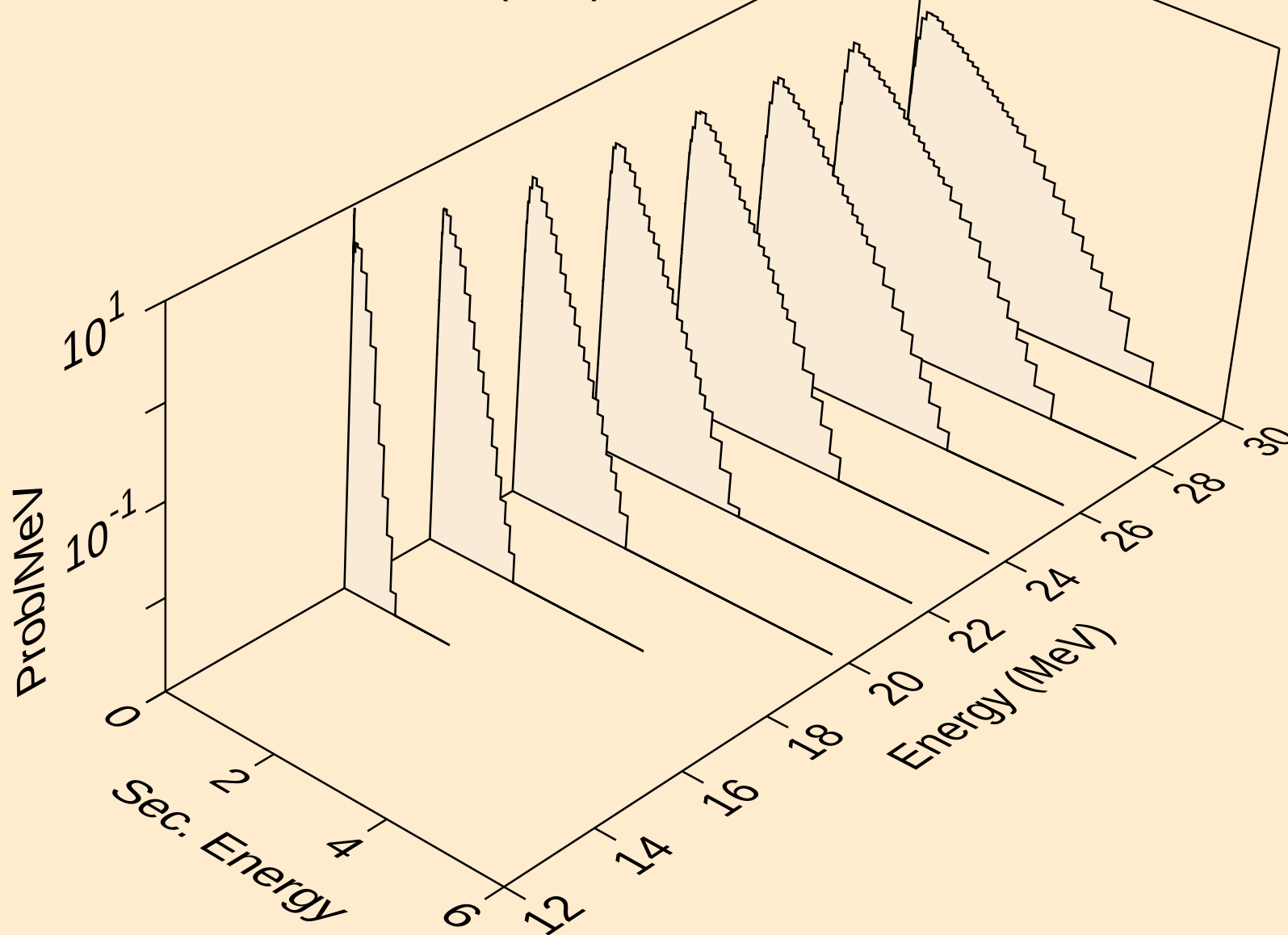


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n\*)p

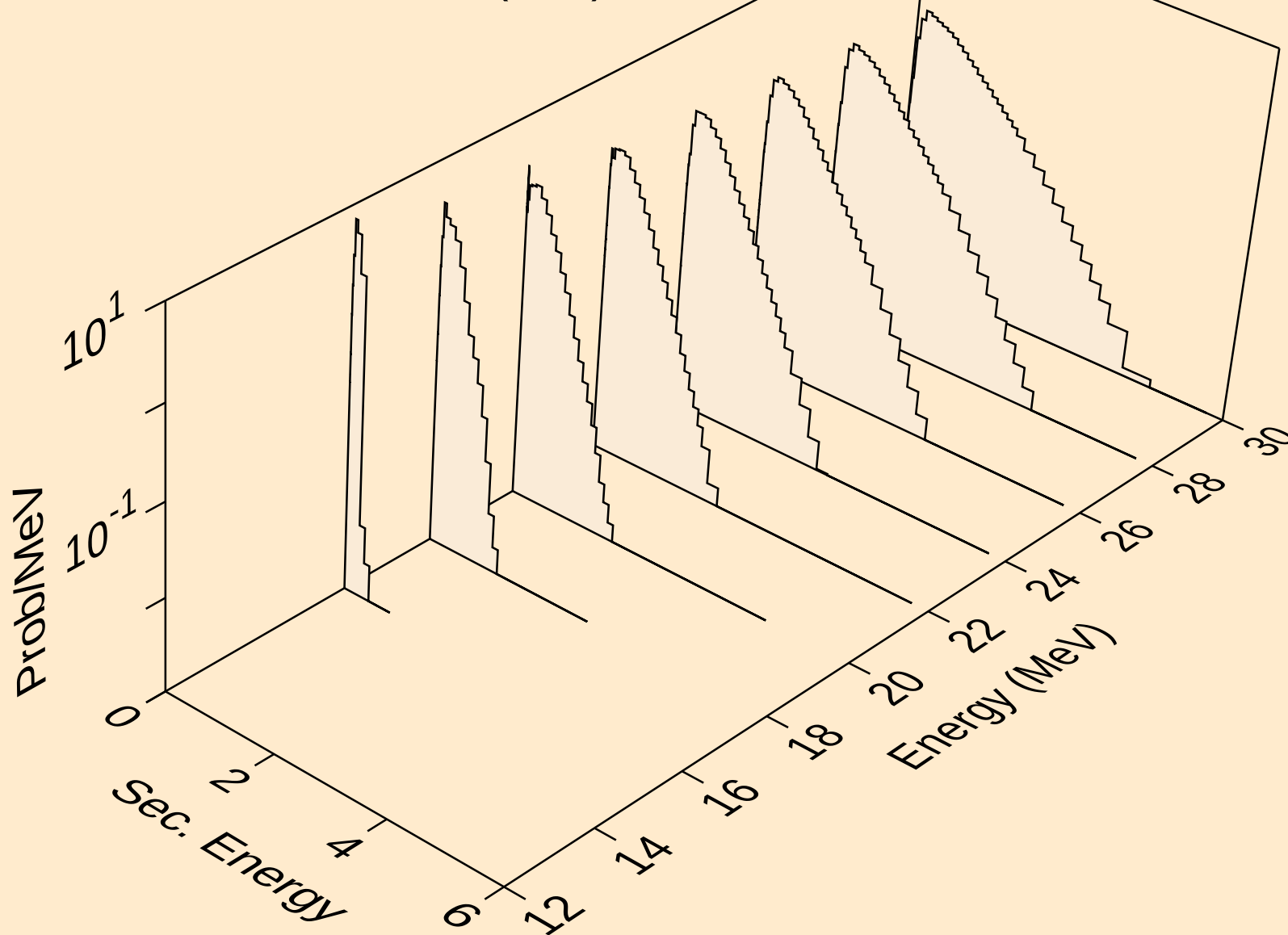


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



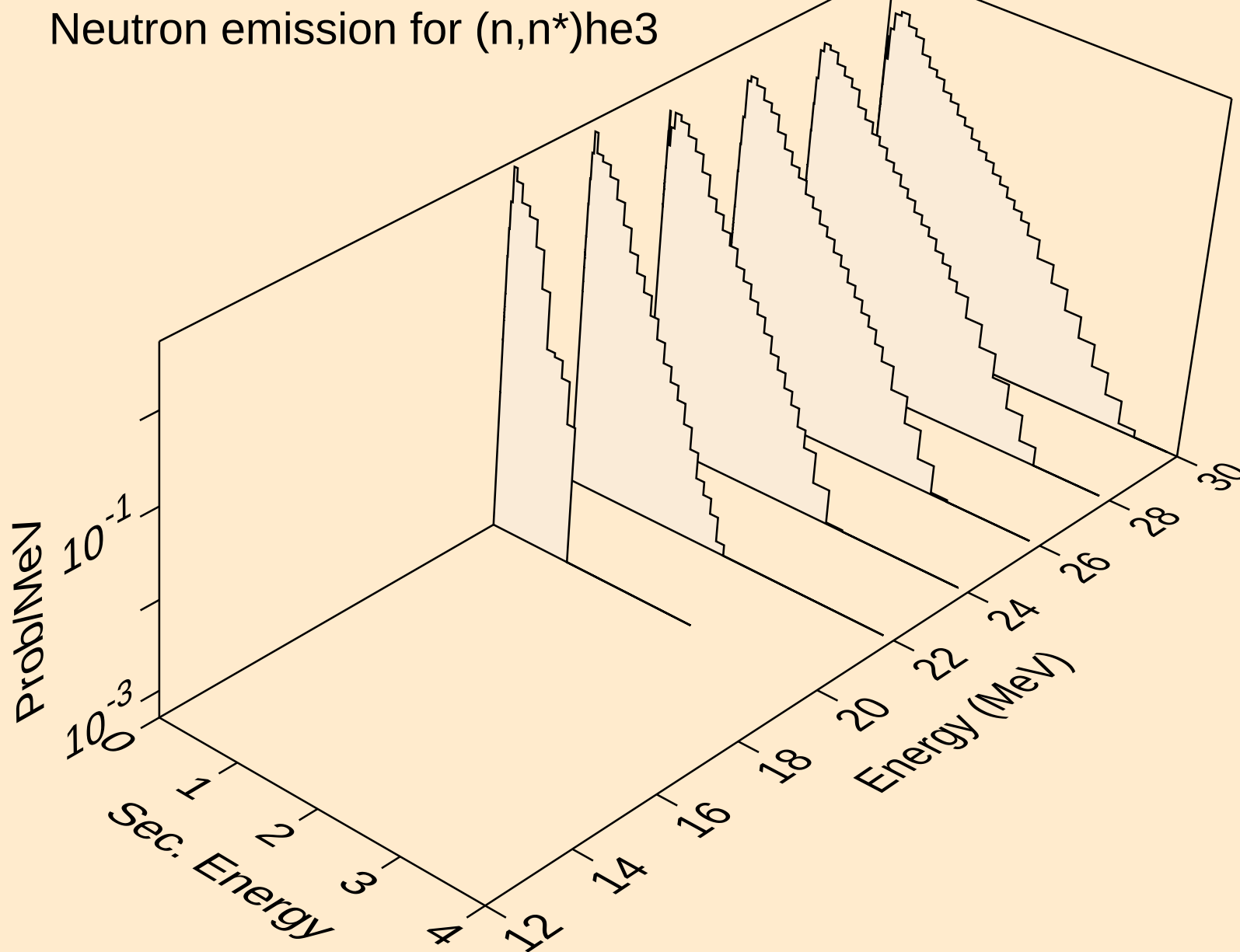
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n\*)t

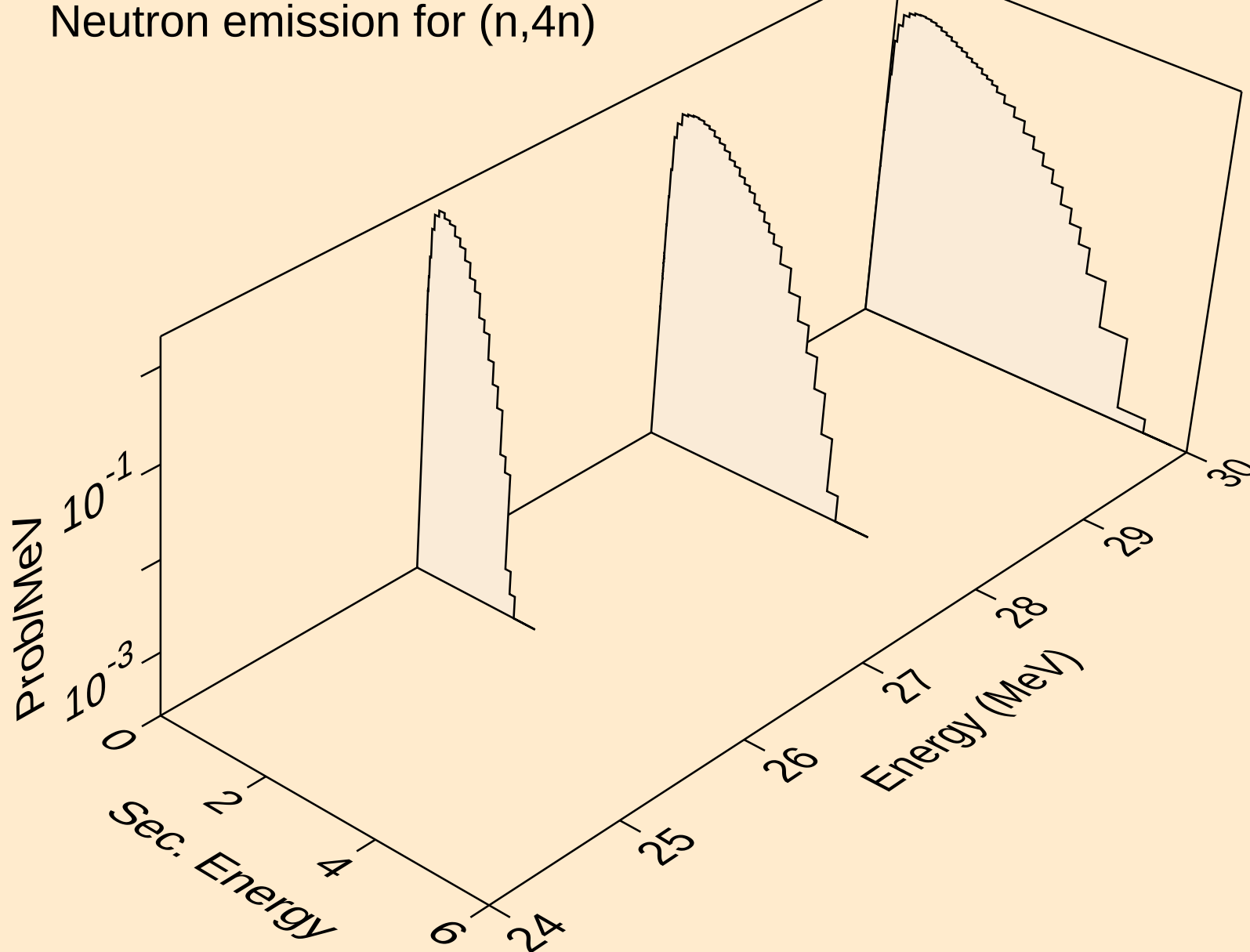


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

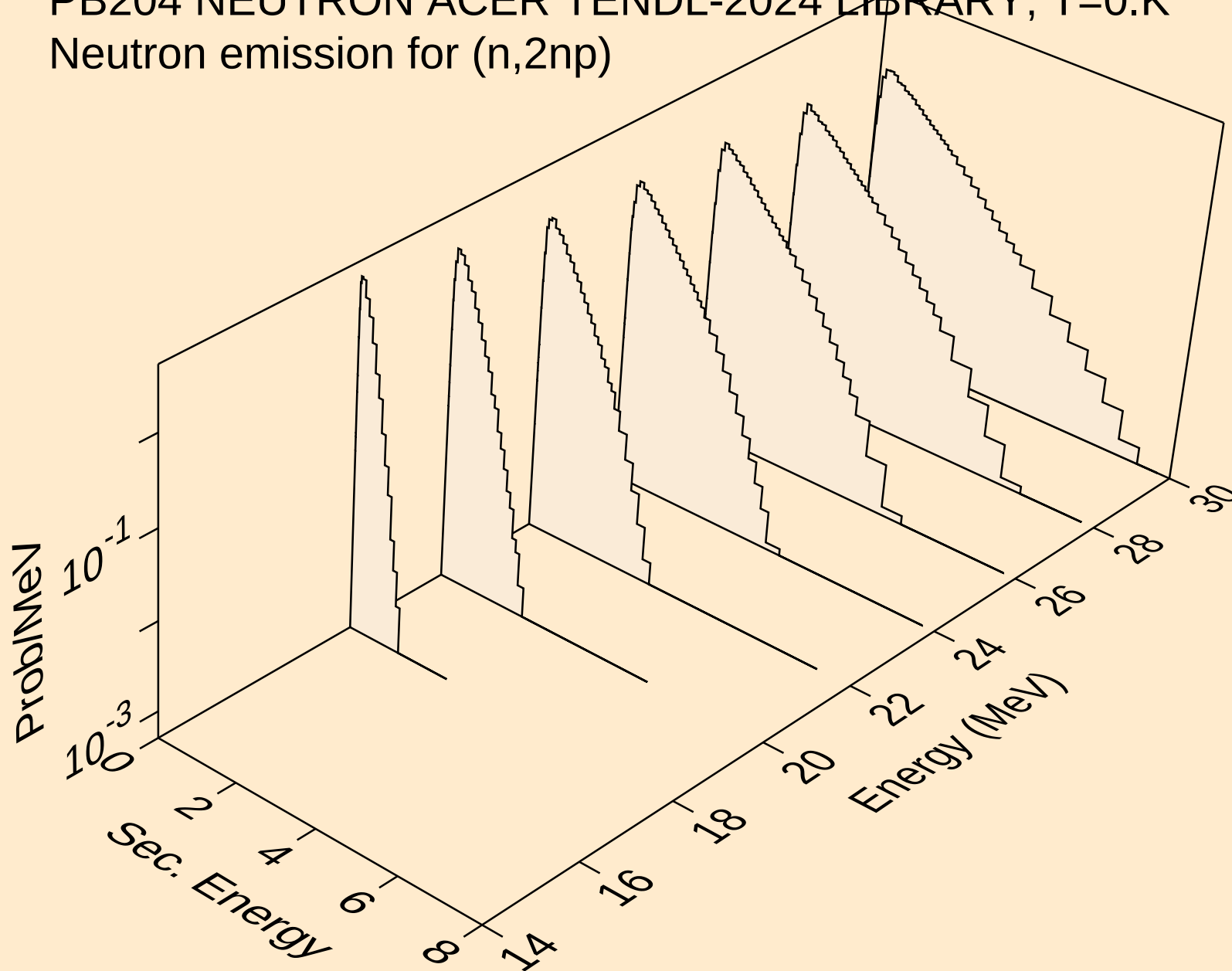
Neutron emission for (n,n\*)he3



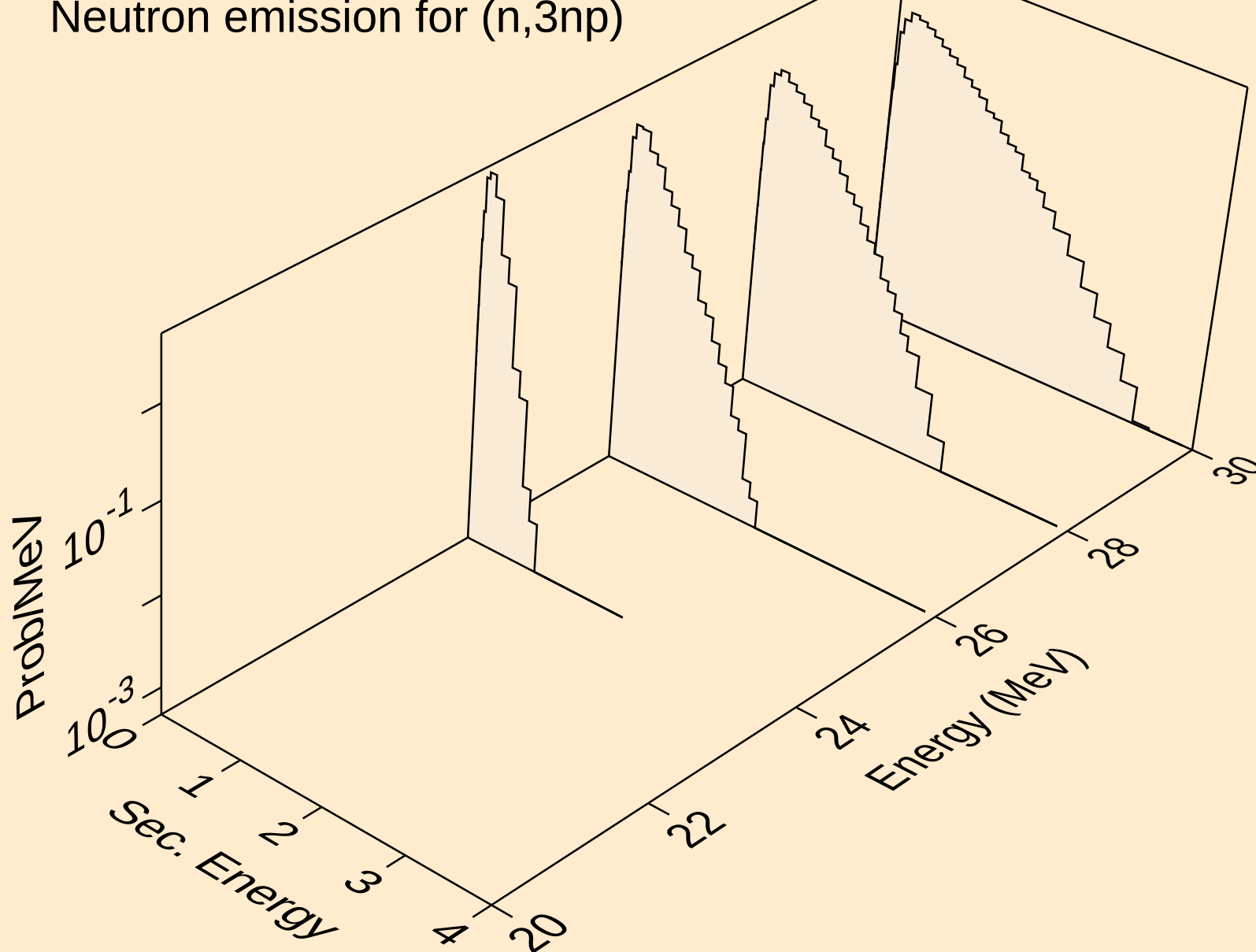
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



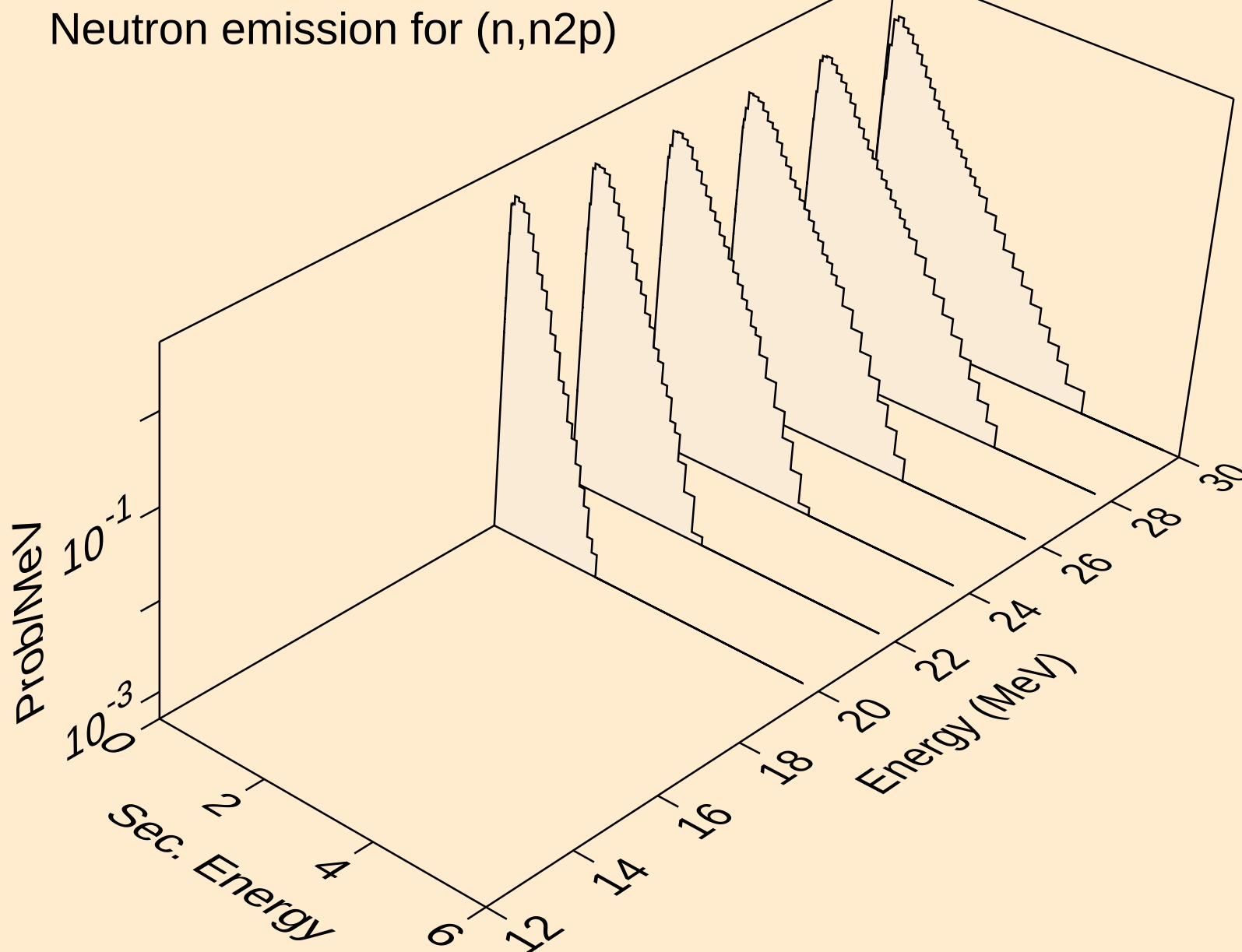
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



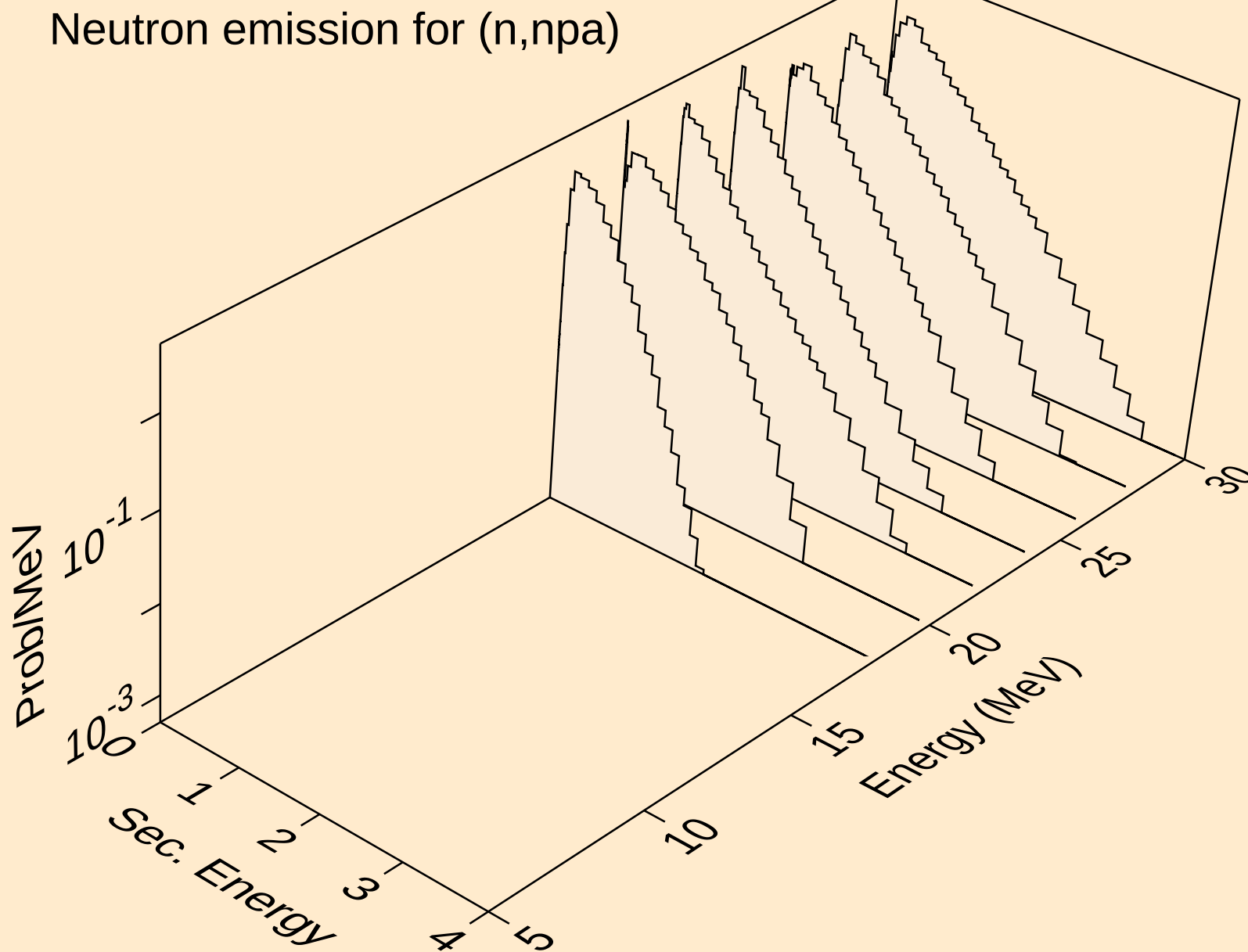
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



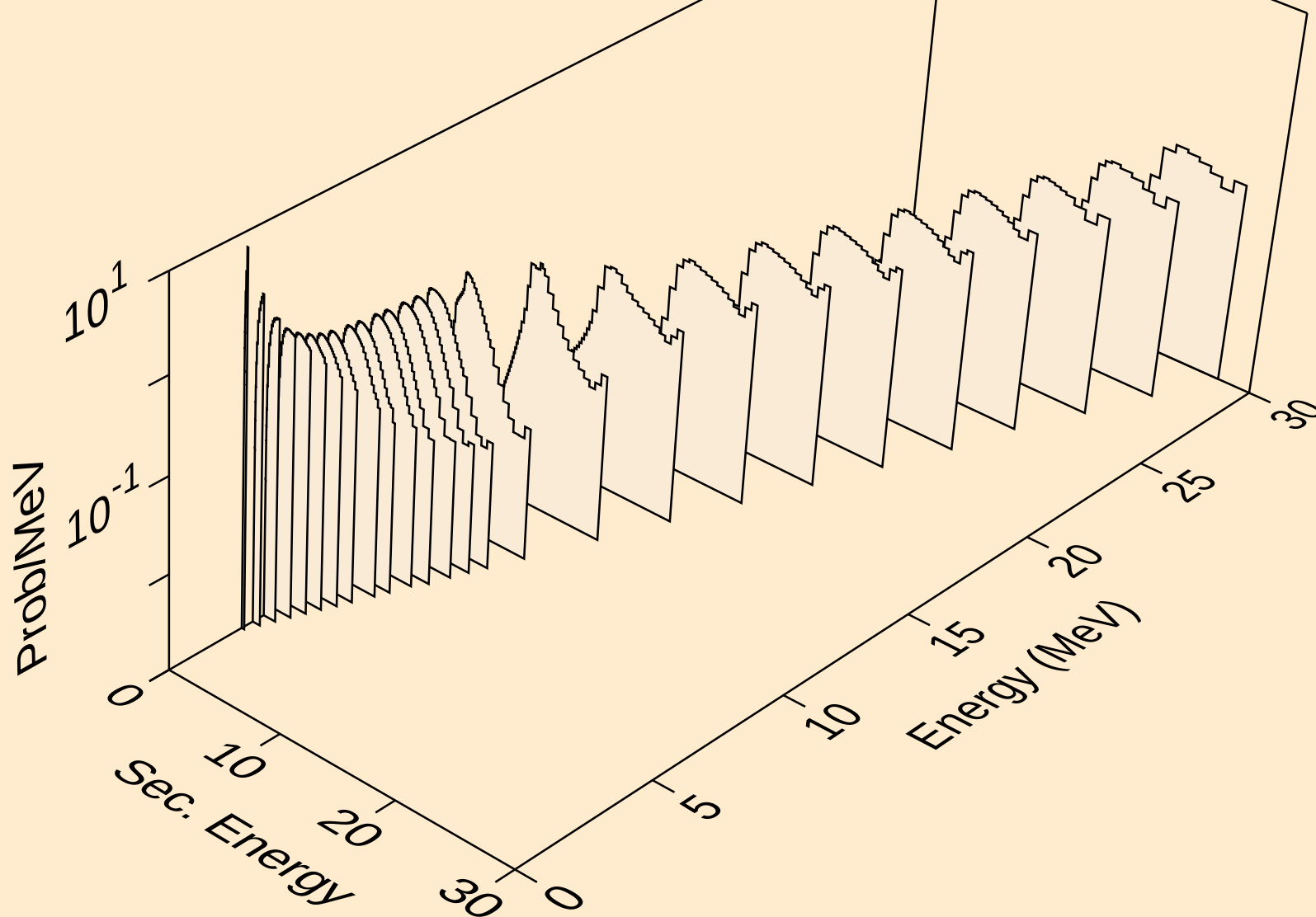
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



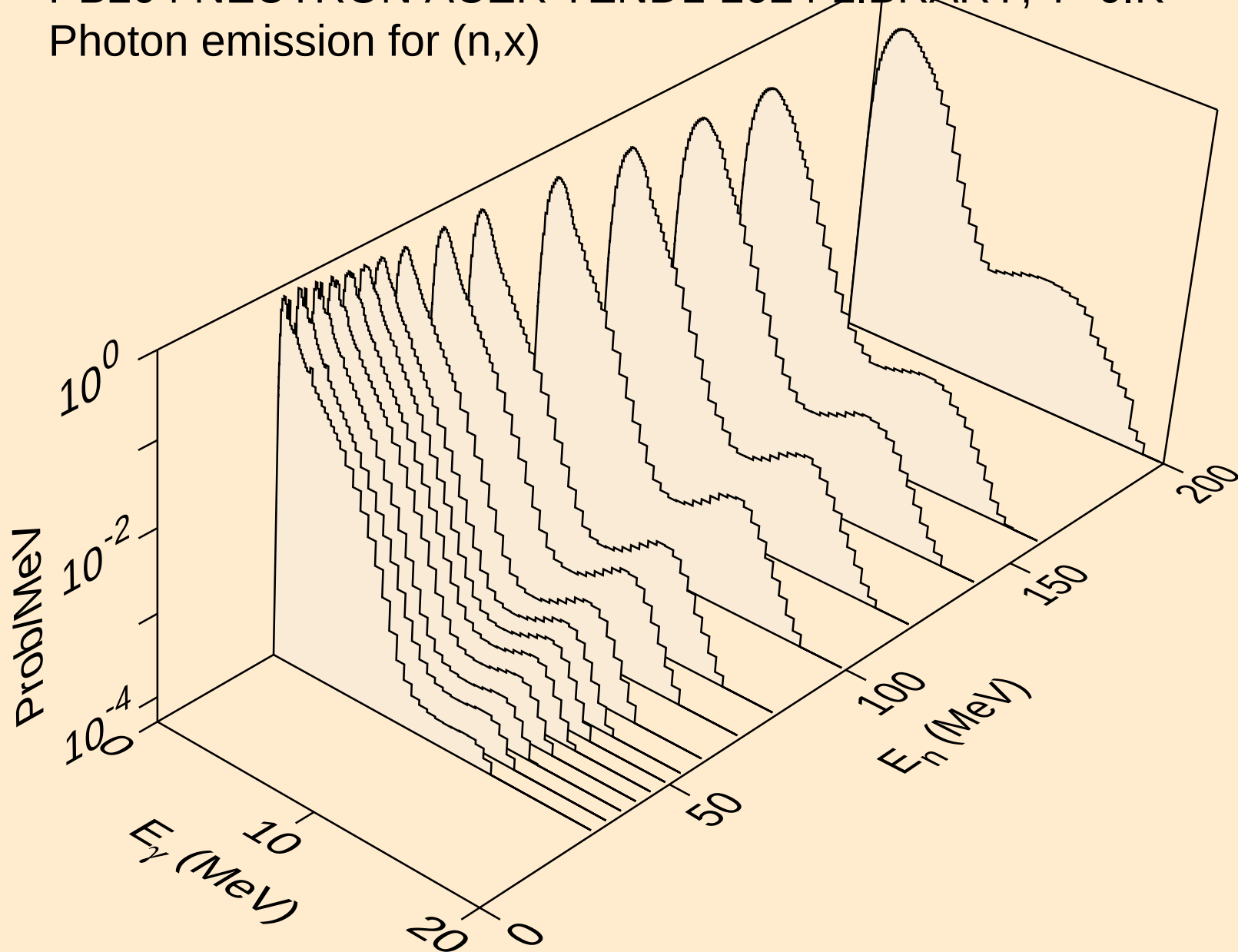
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



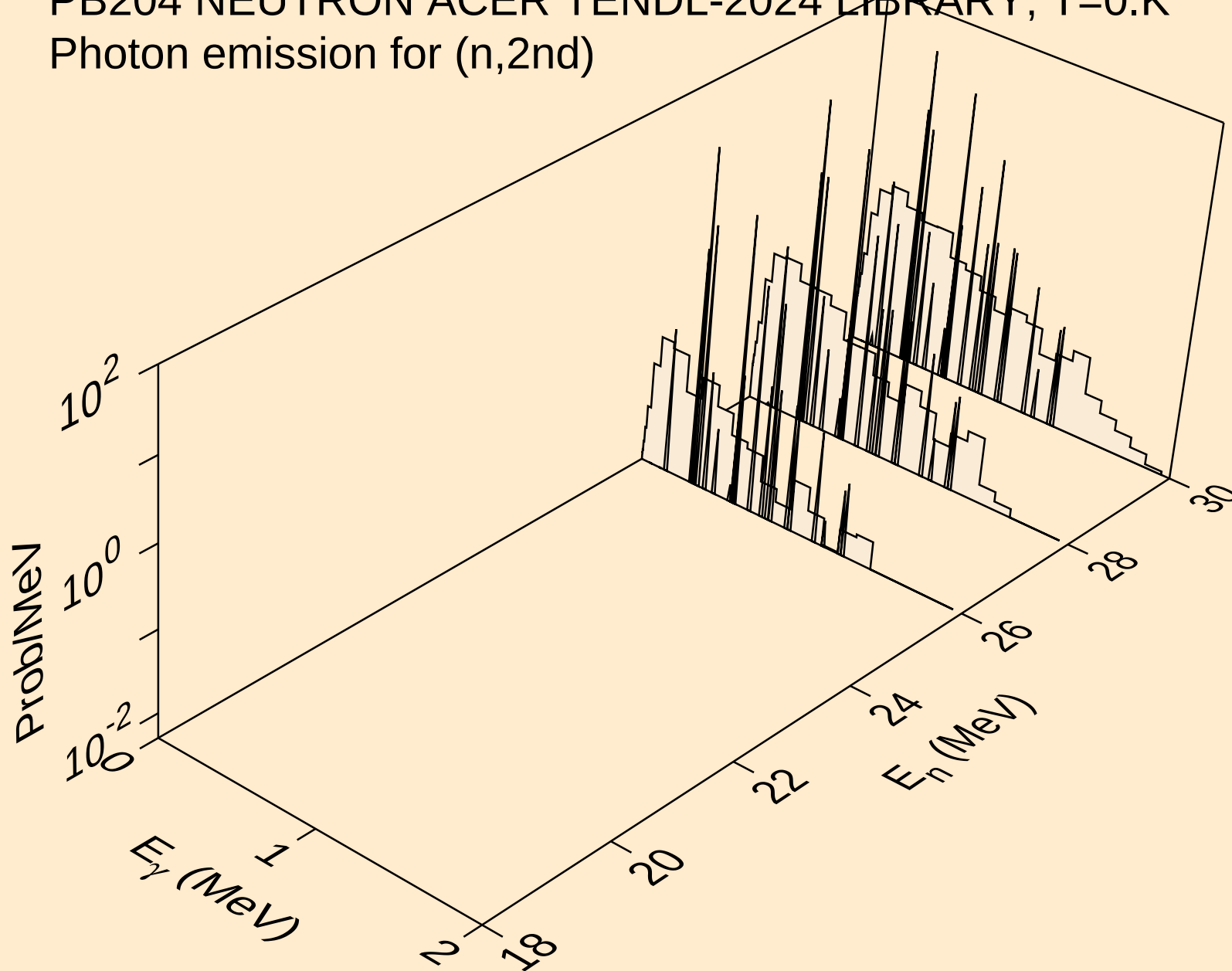
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



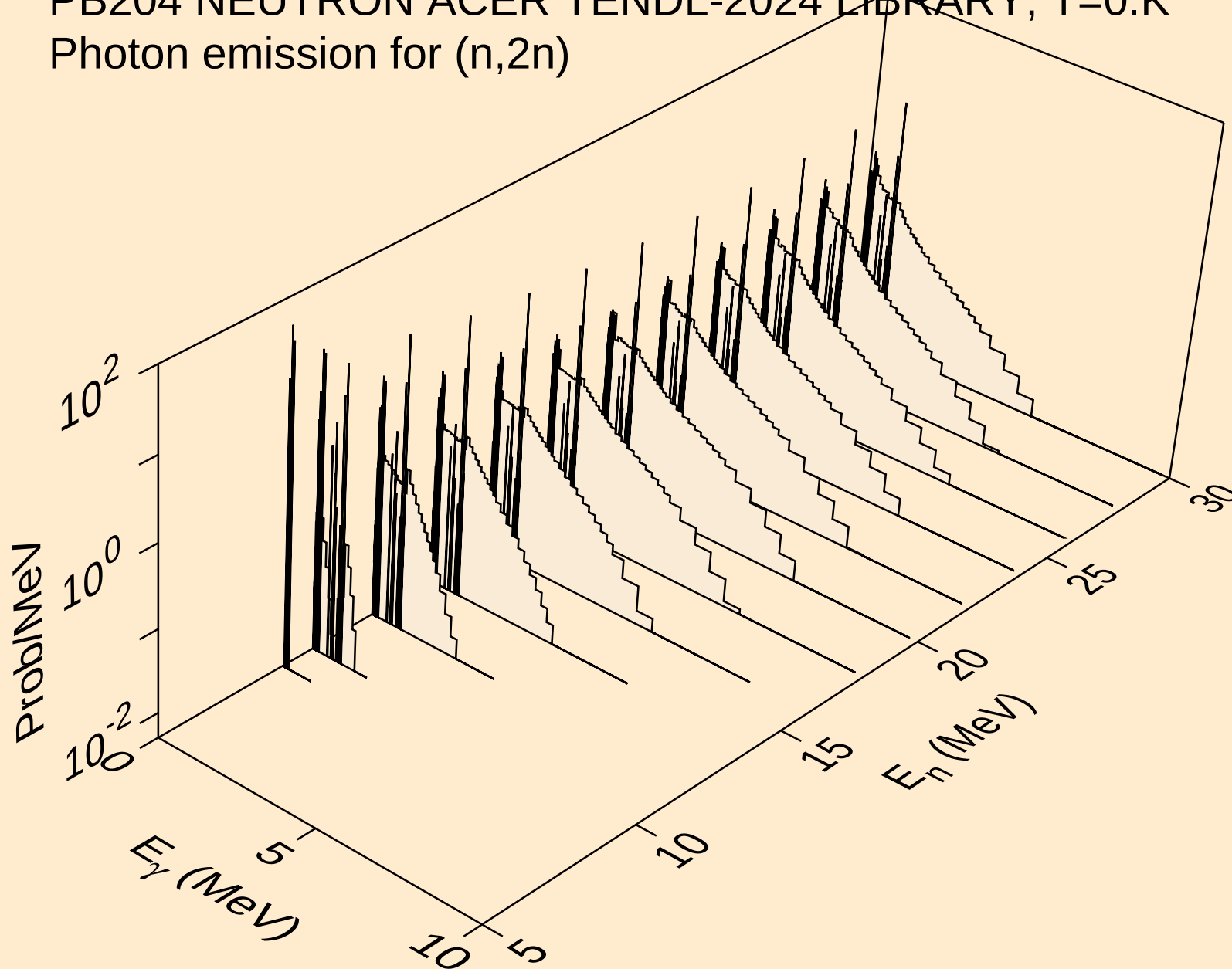
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



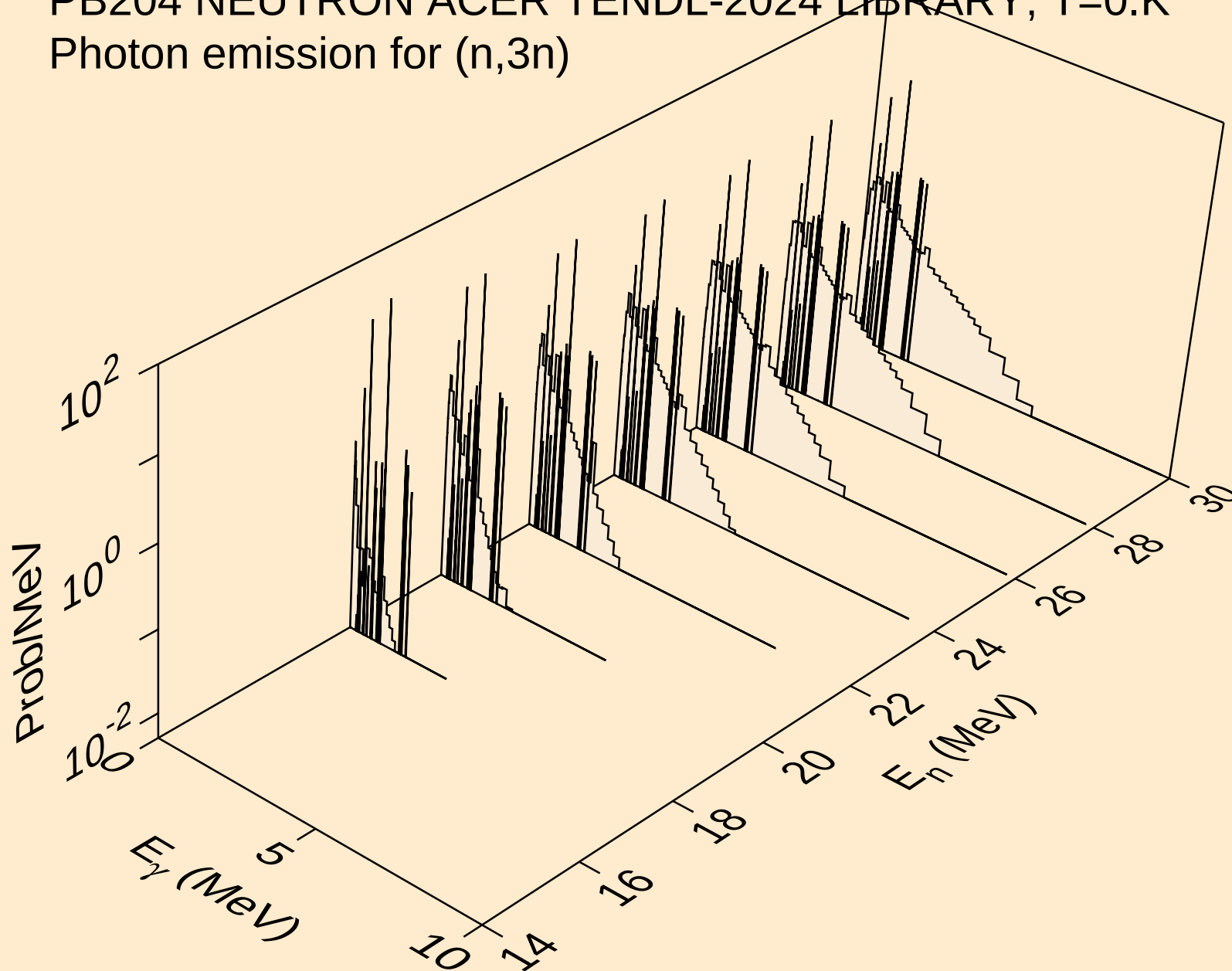
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

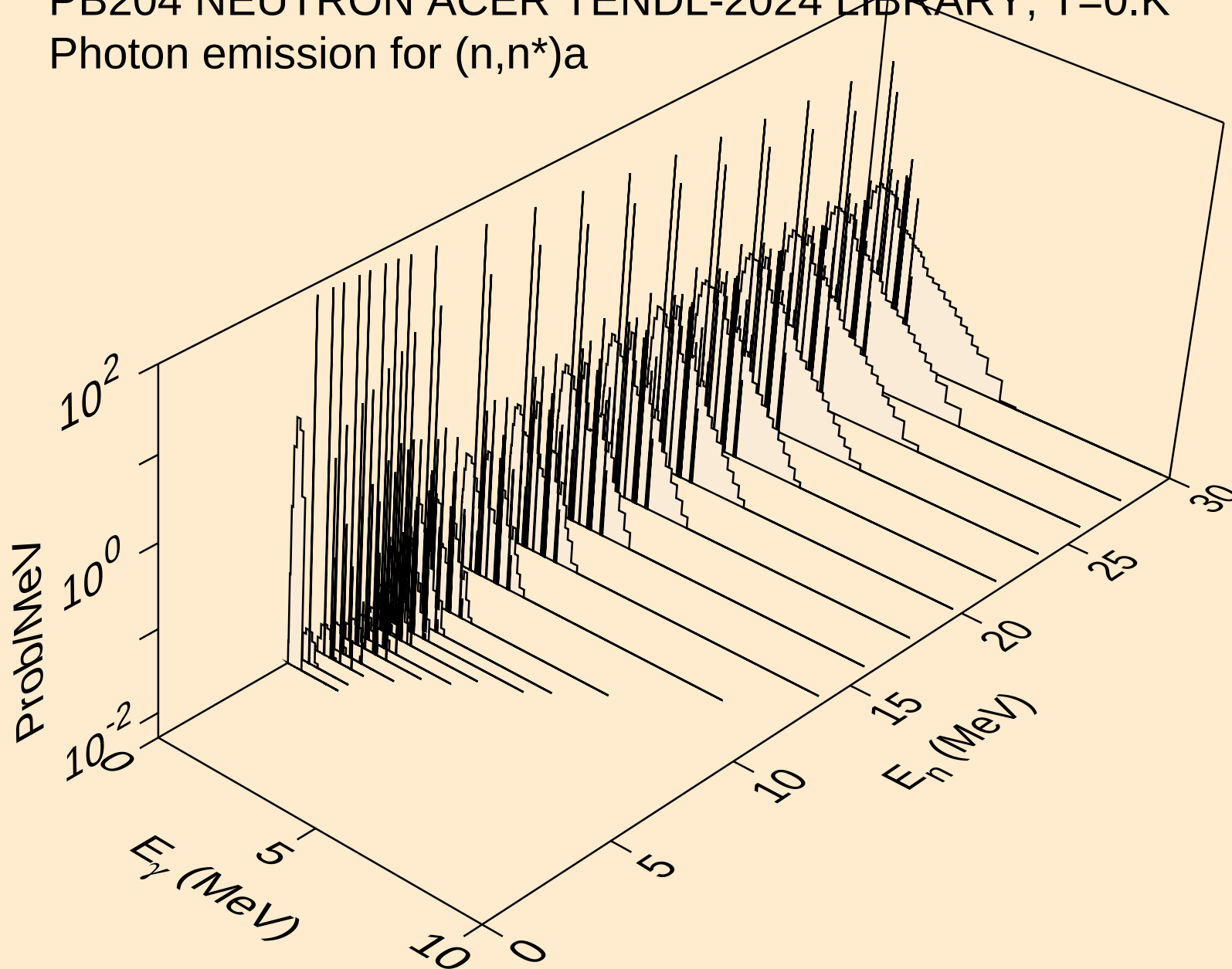


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



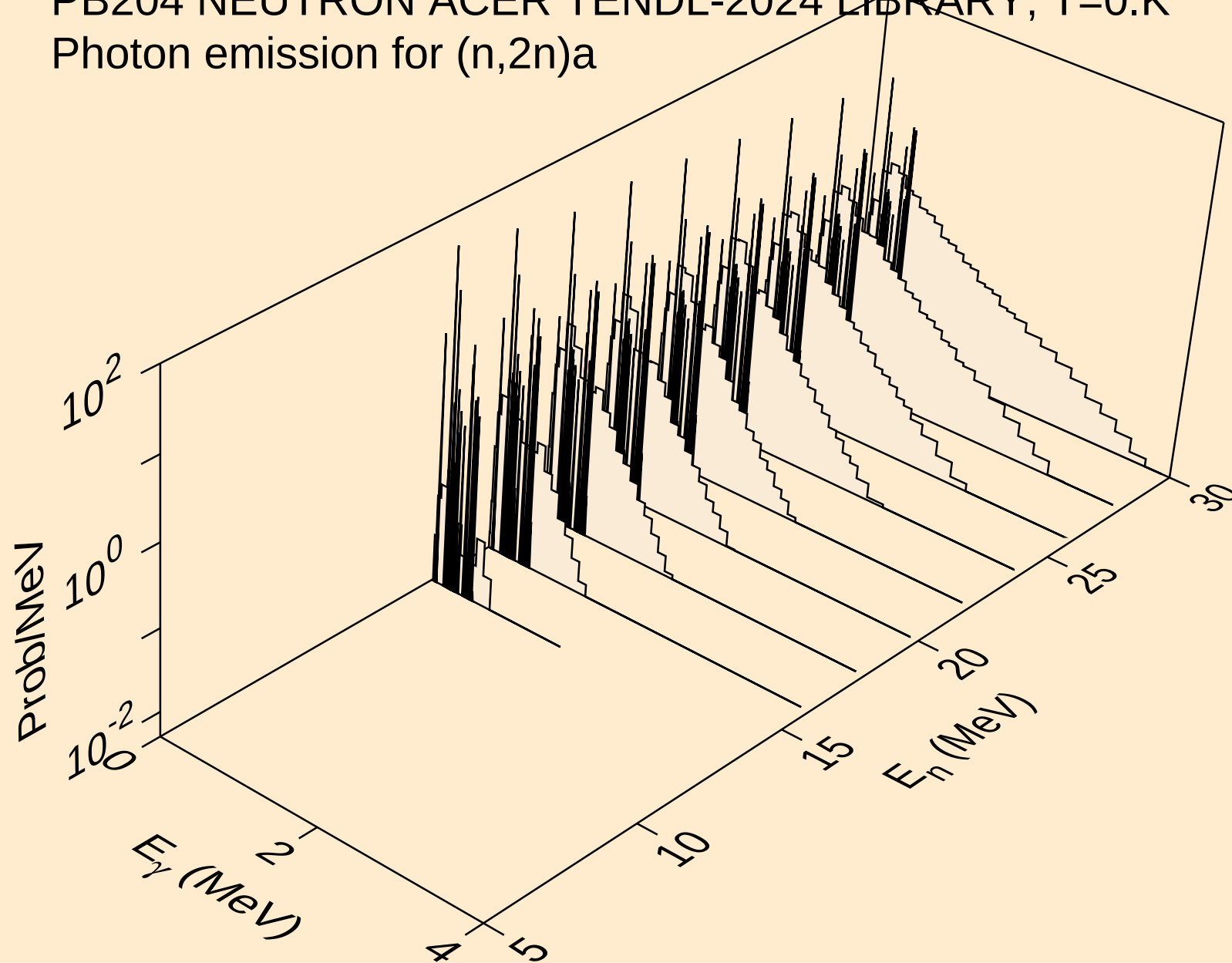
# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



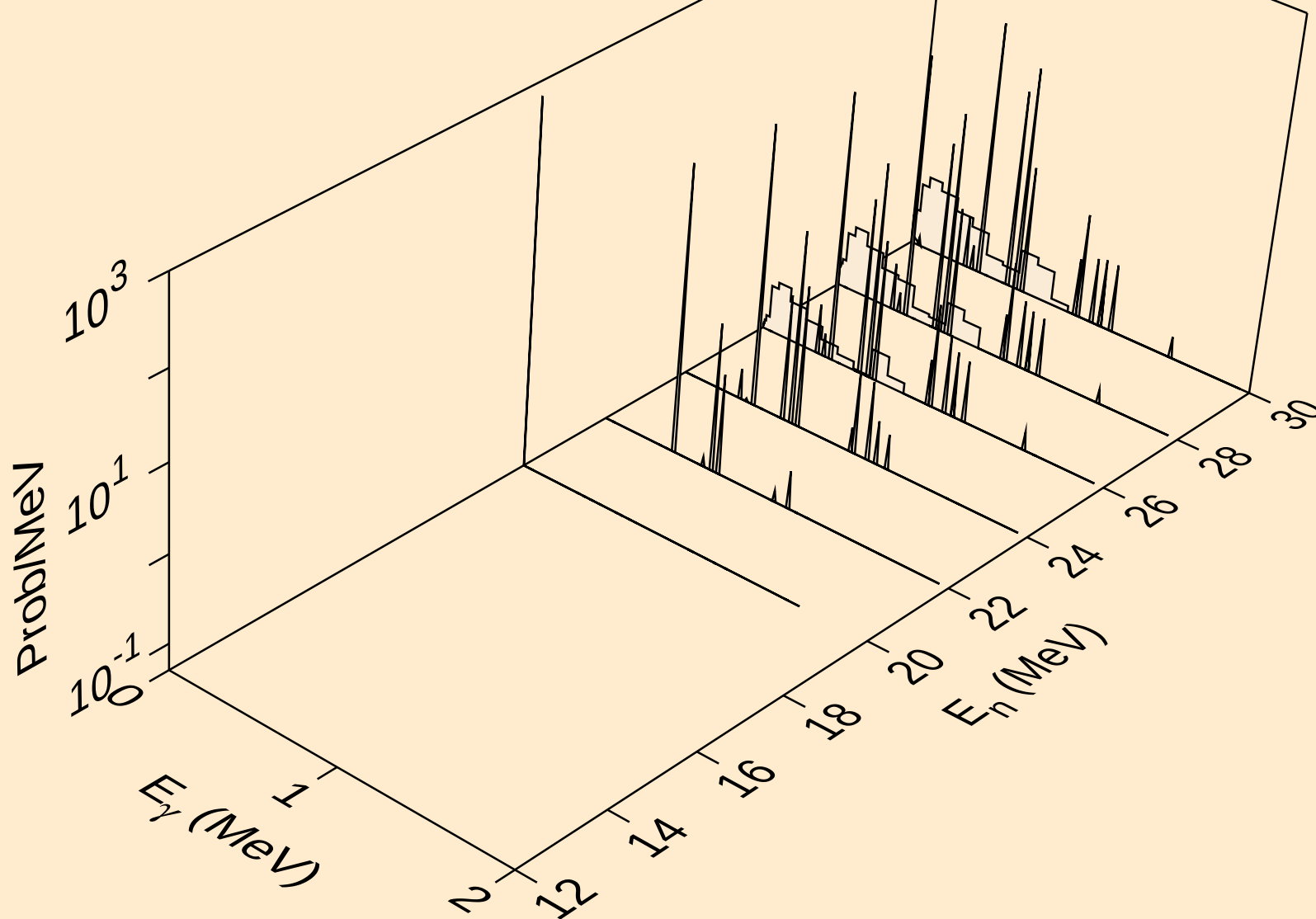
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



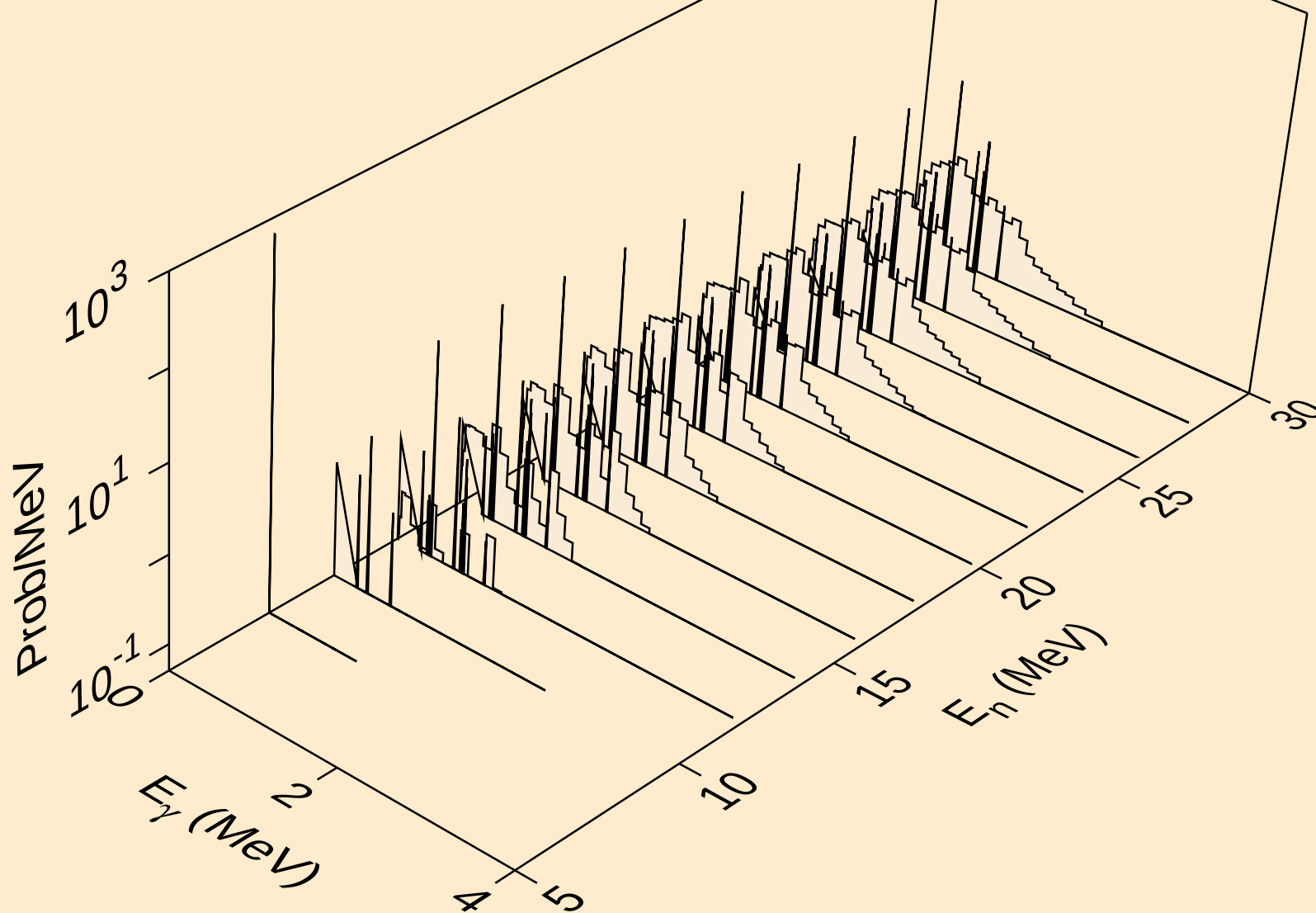
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



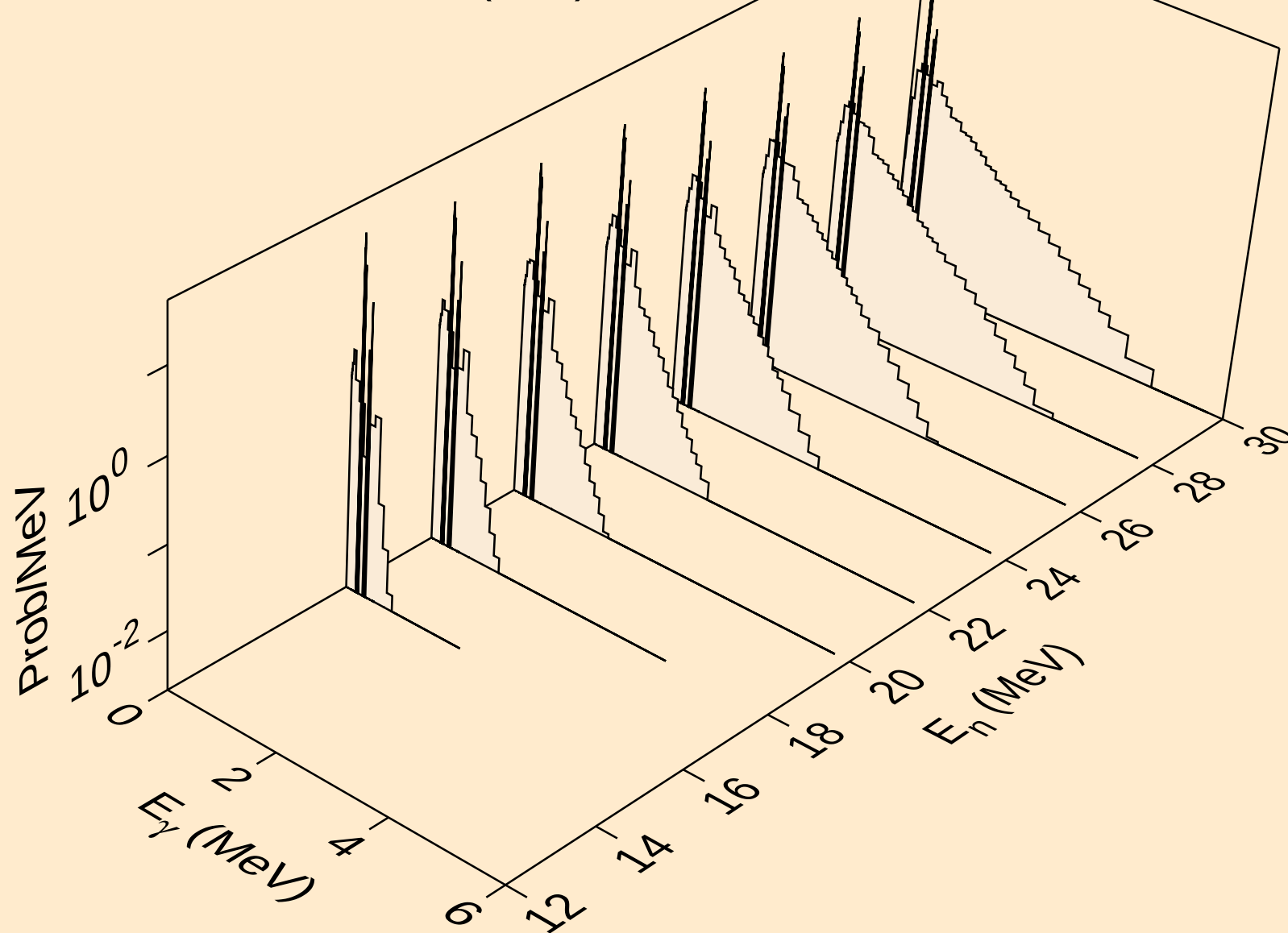
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p

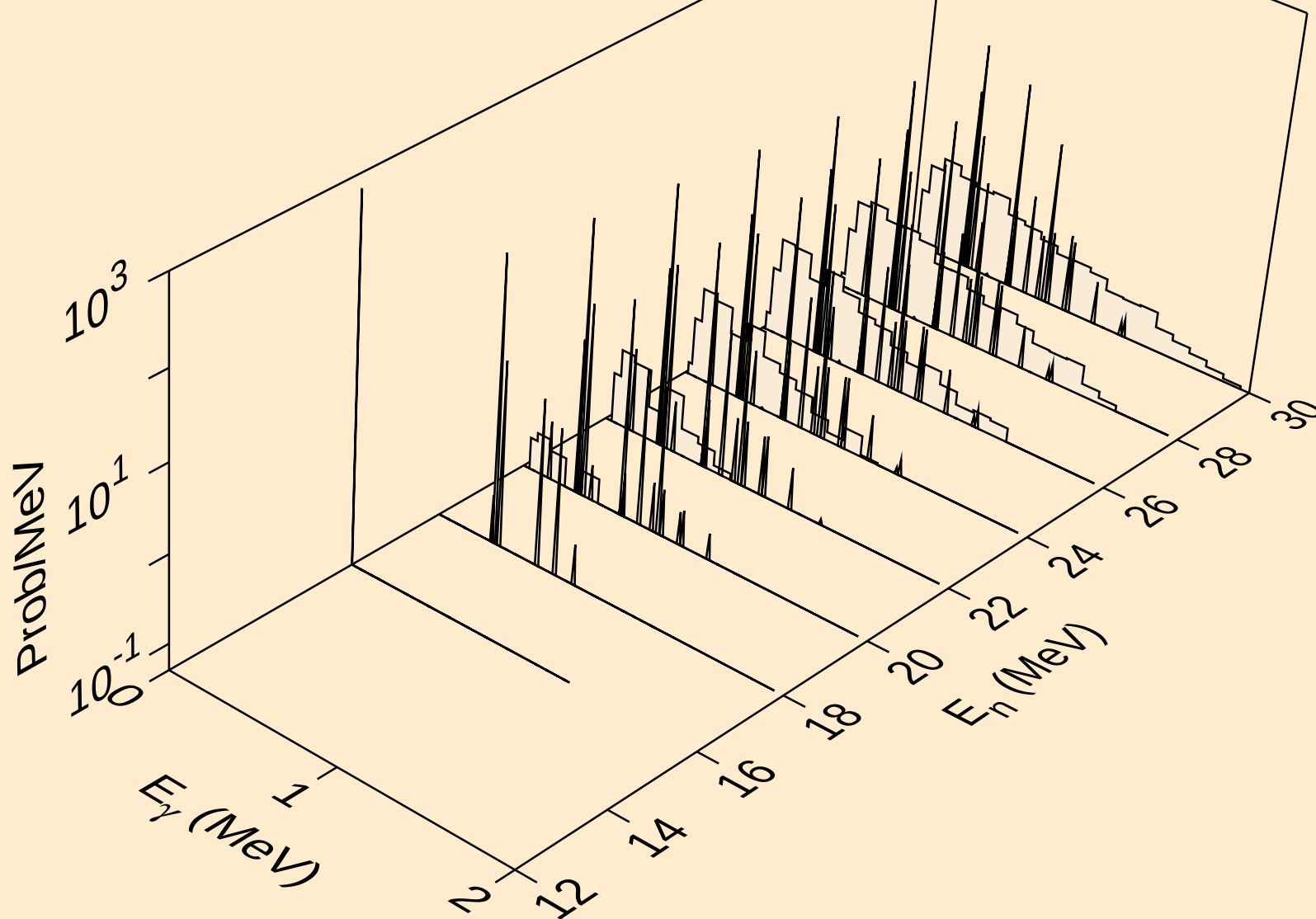


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

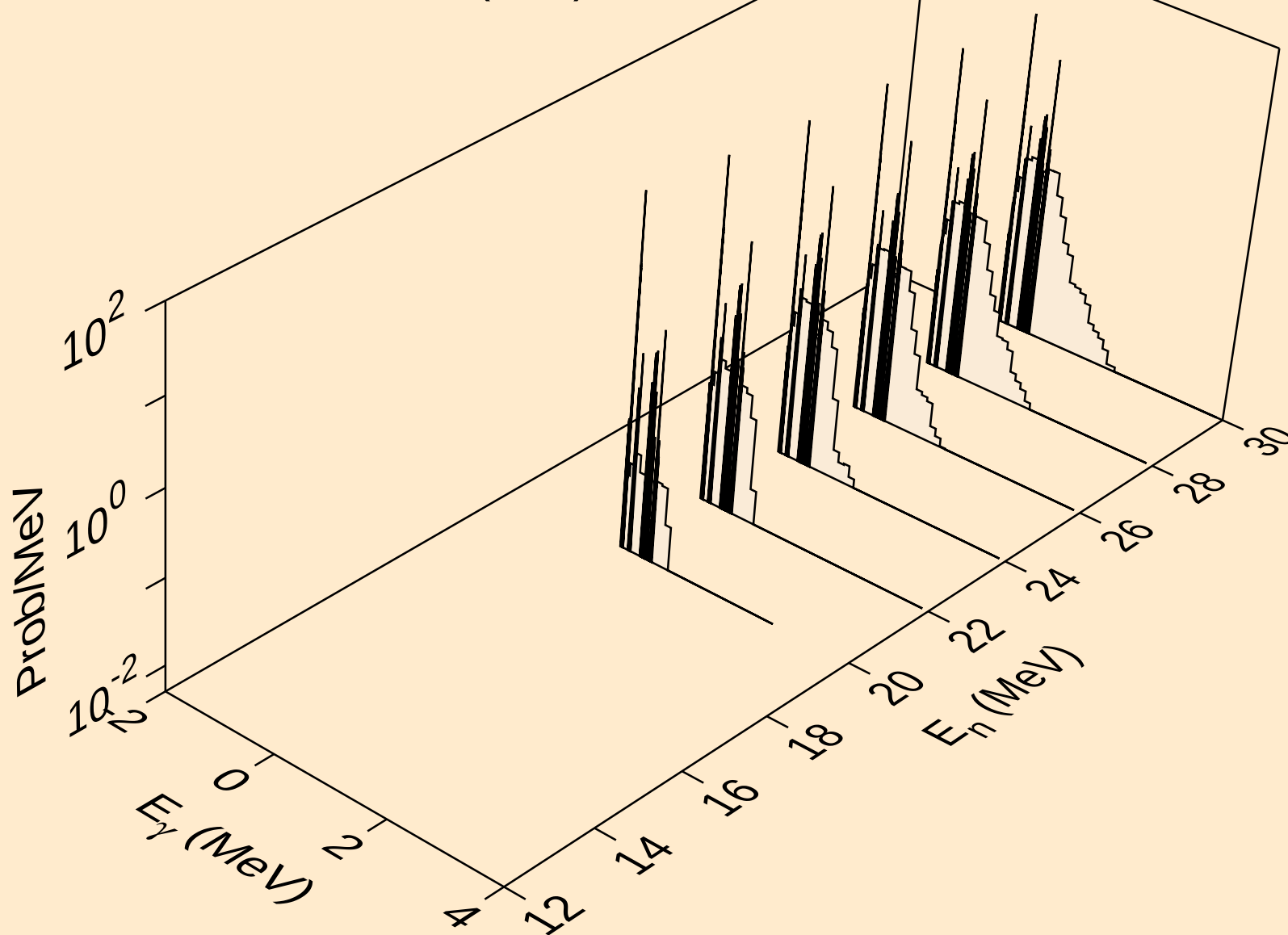
Photon emission for (n,n\*)d



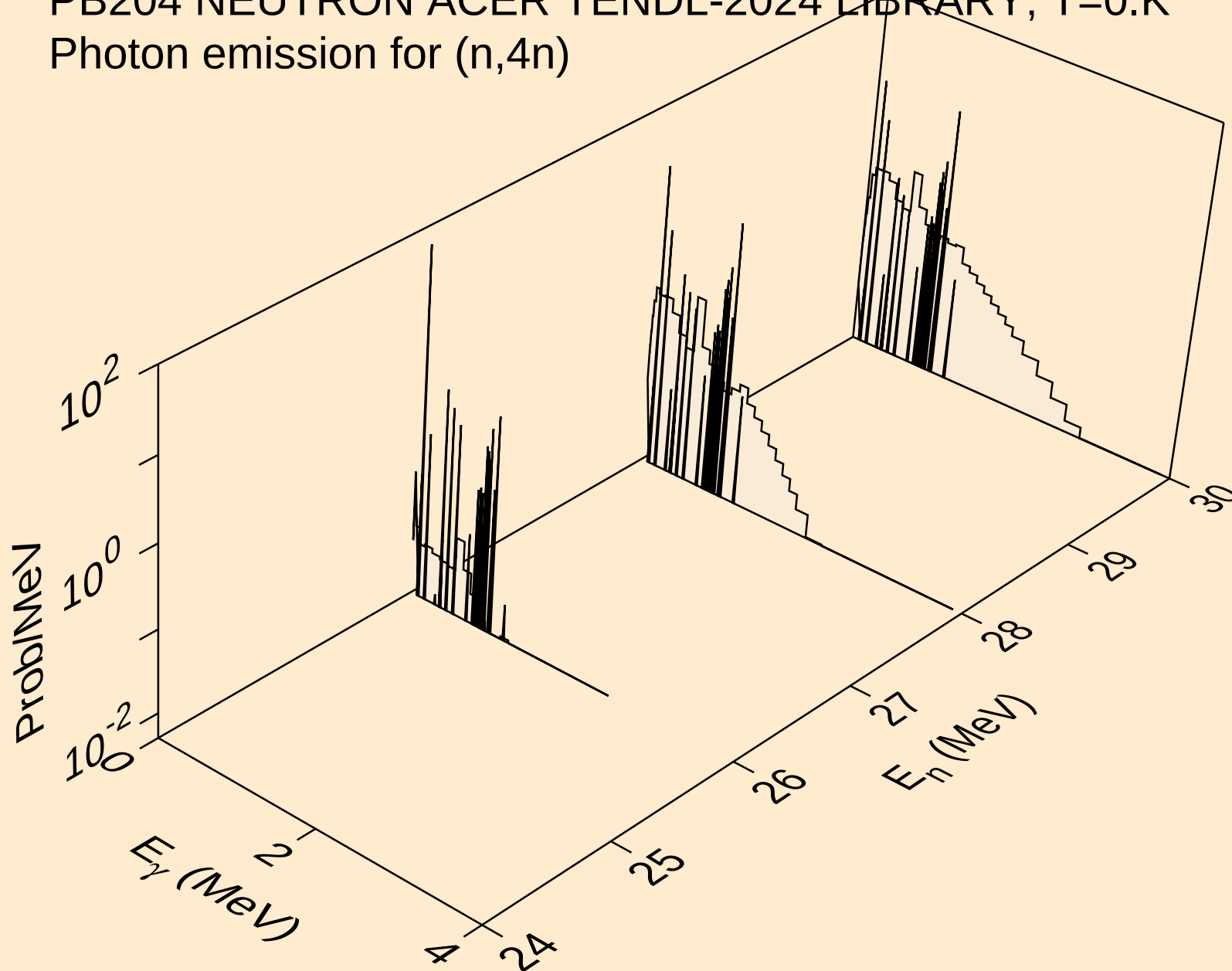
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



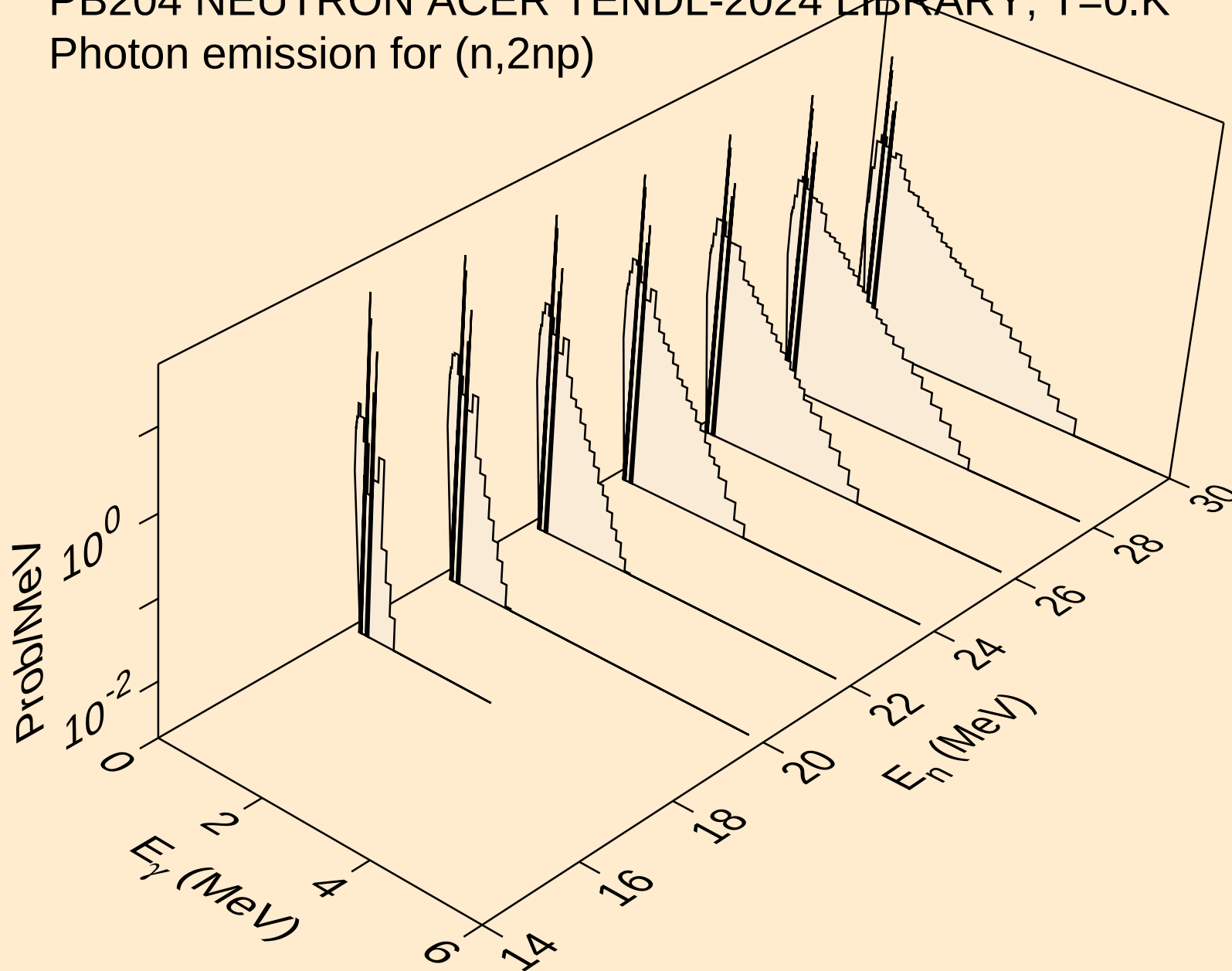
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



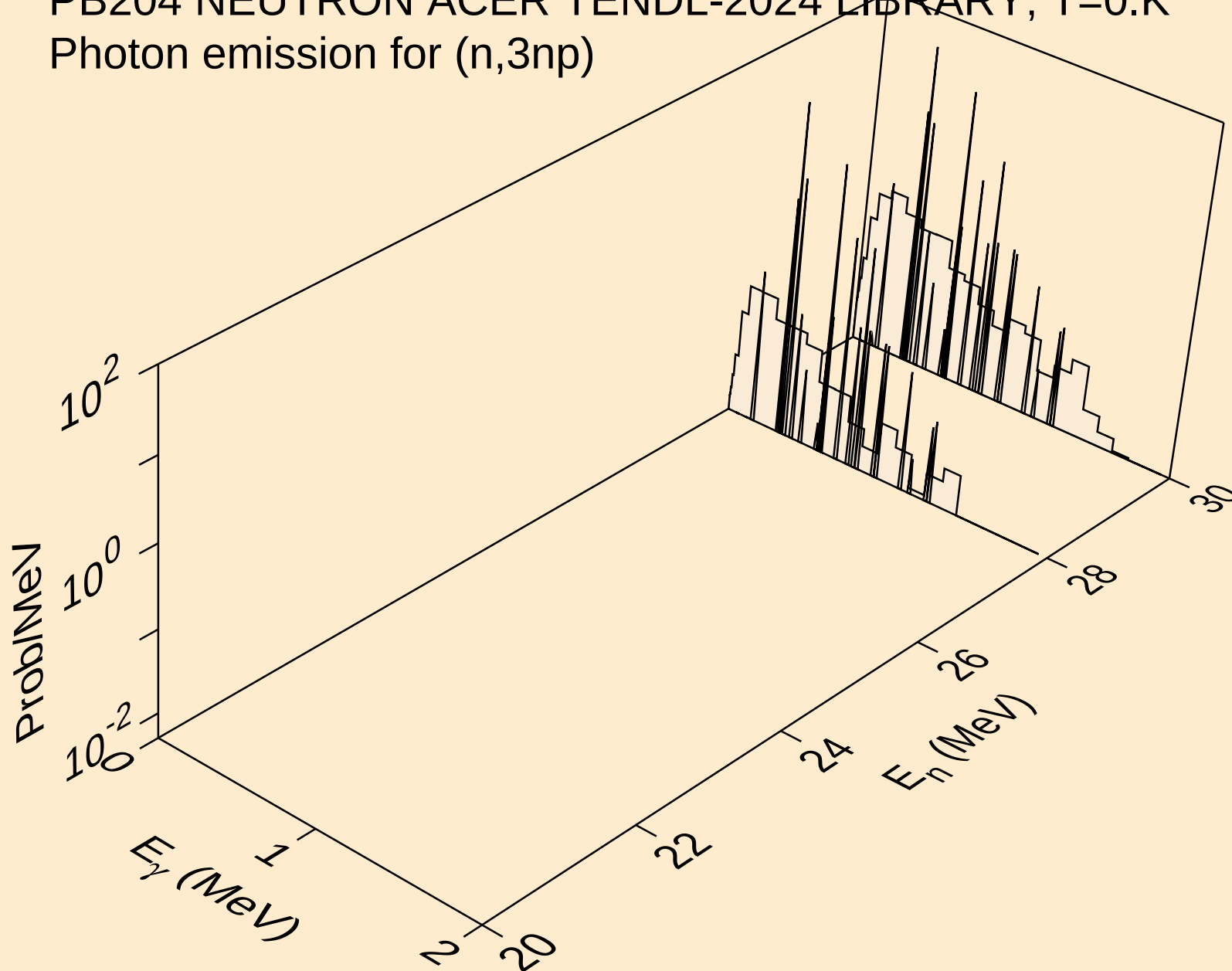
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



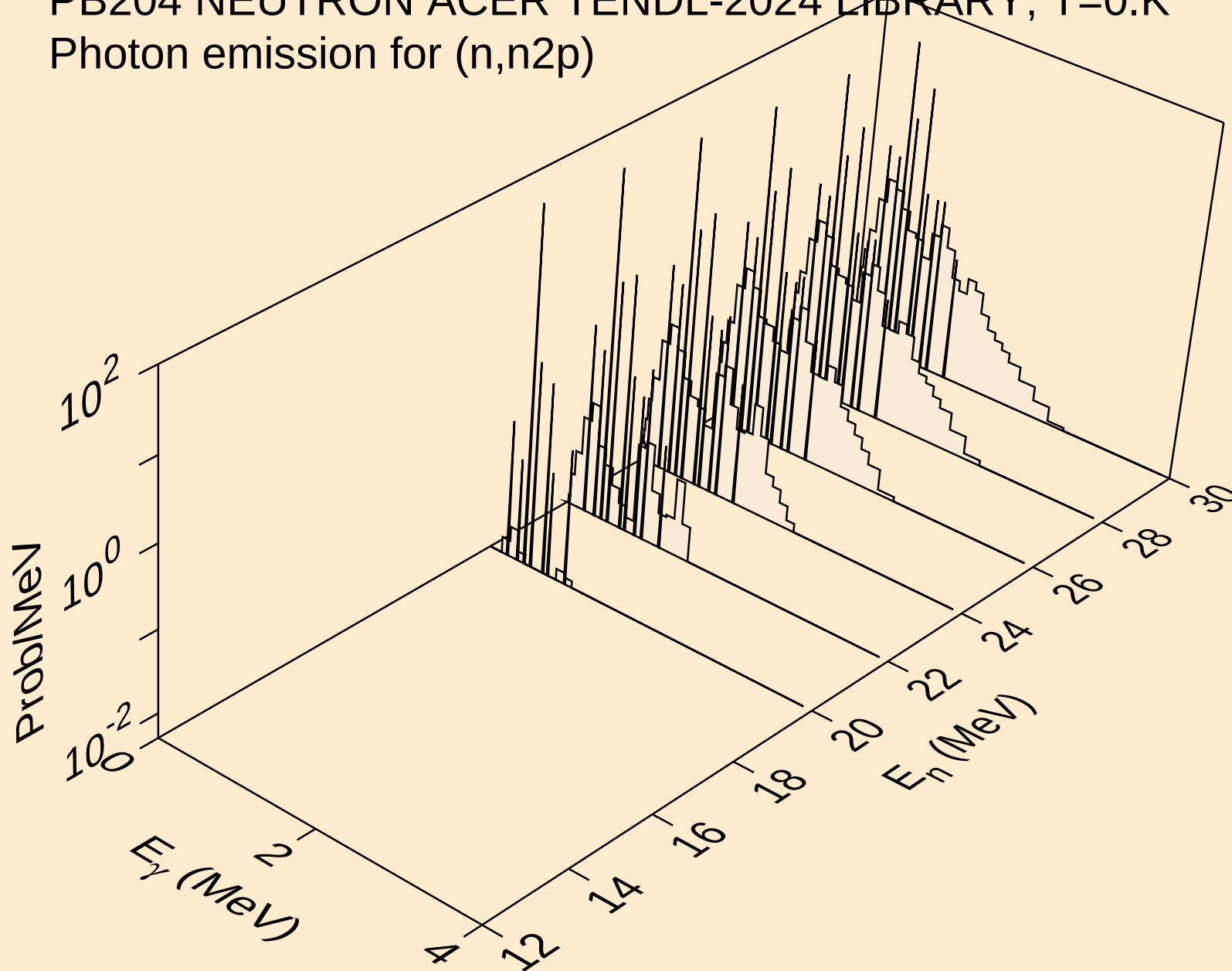
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



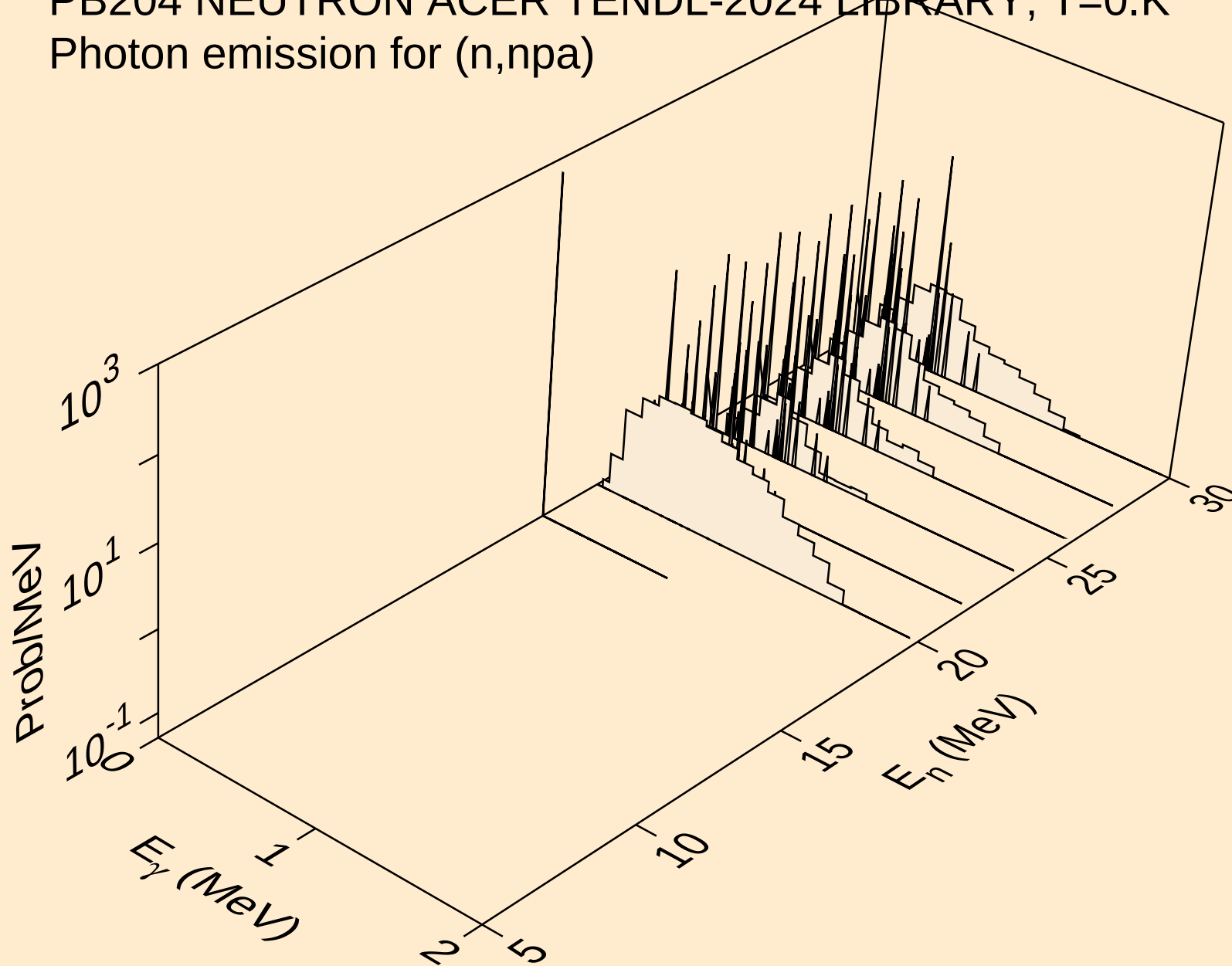
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



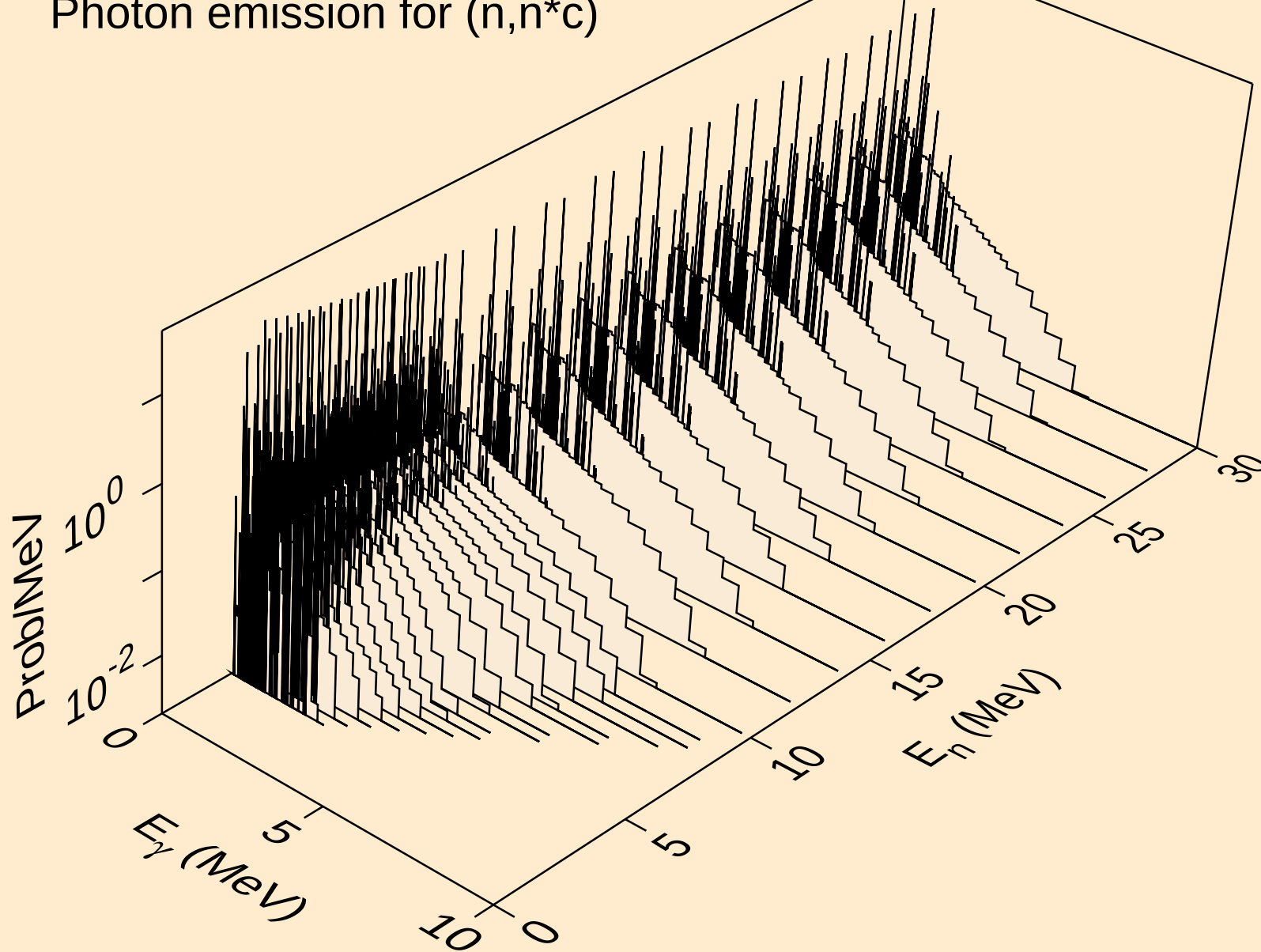
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



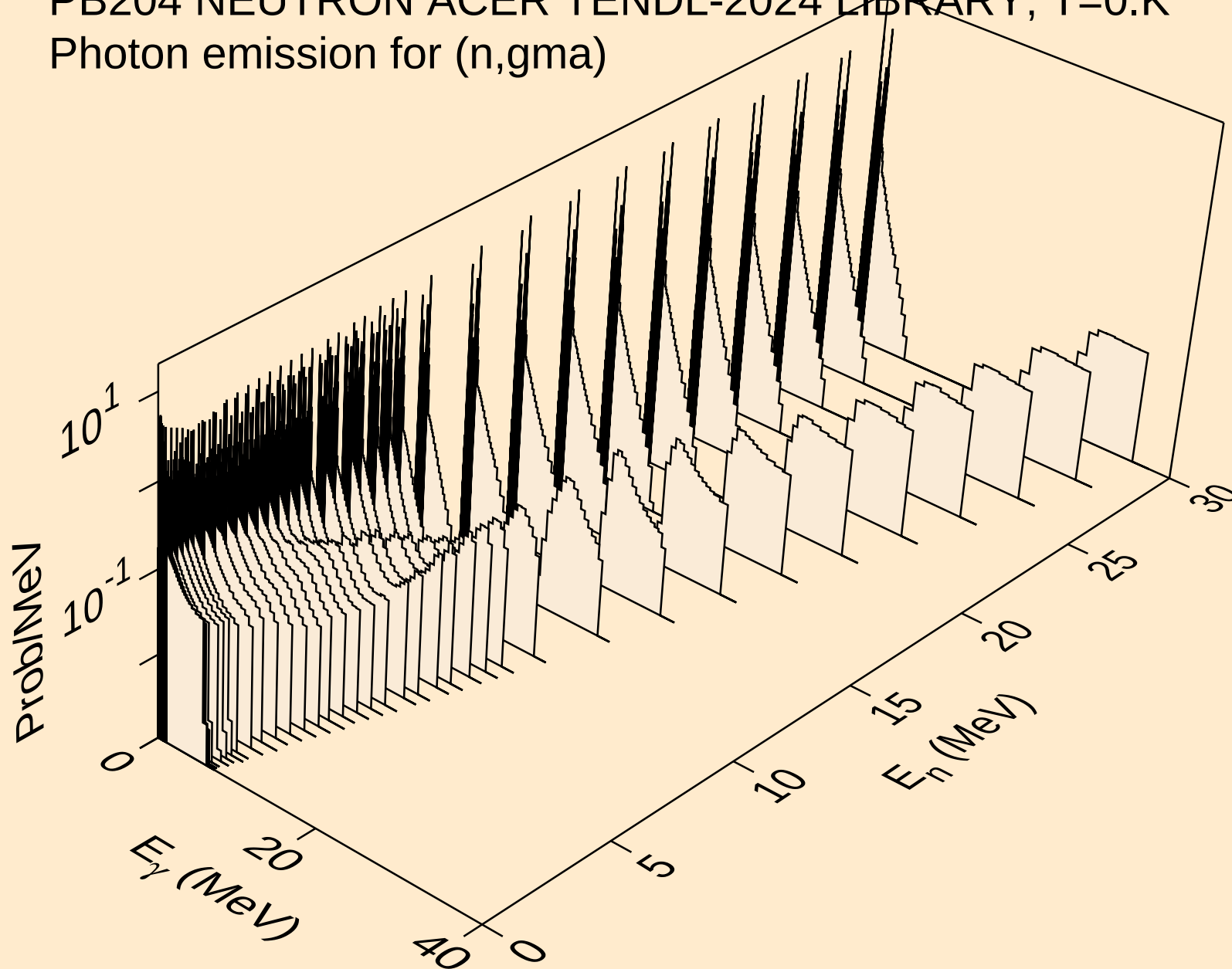
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



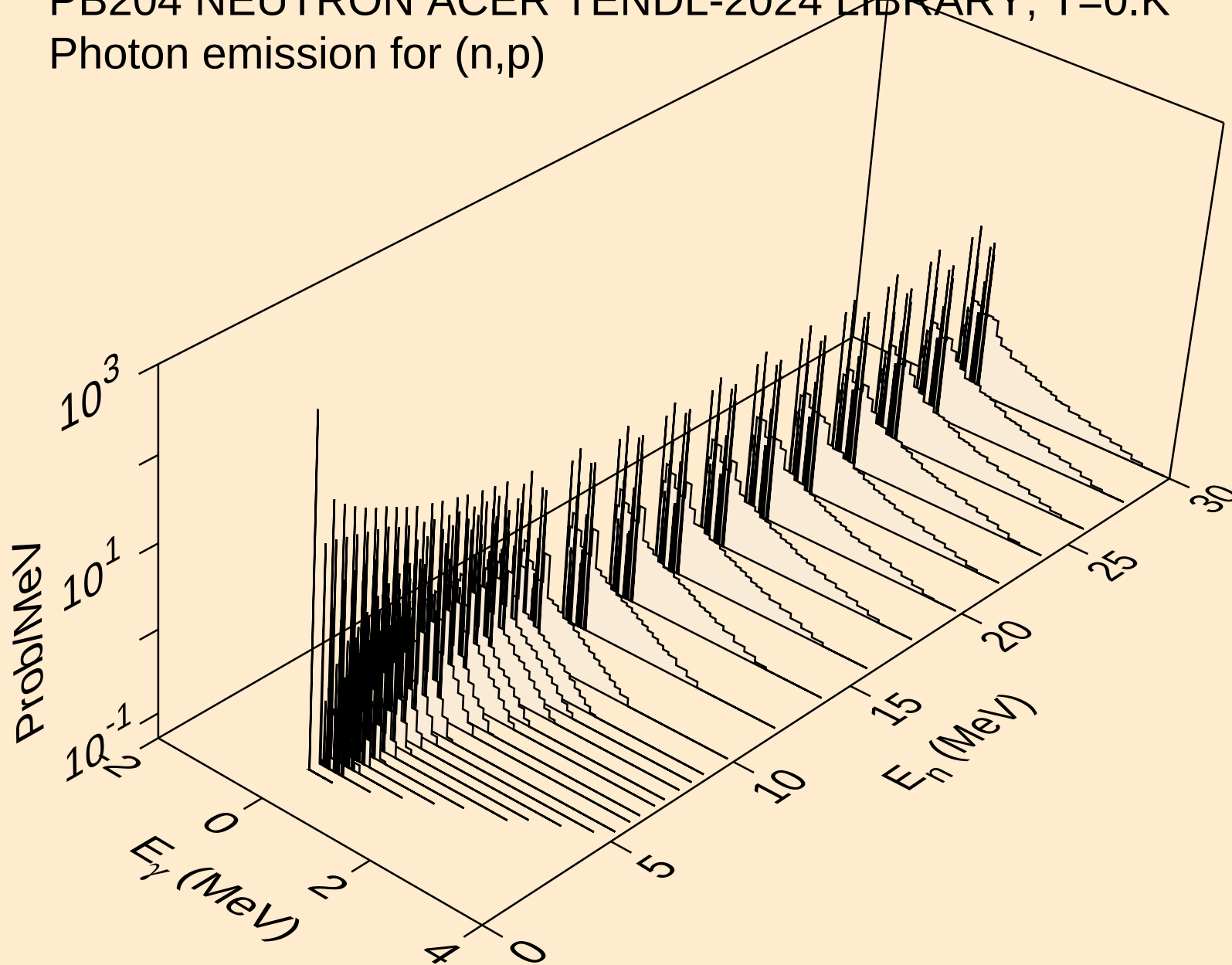
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



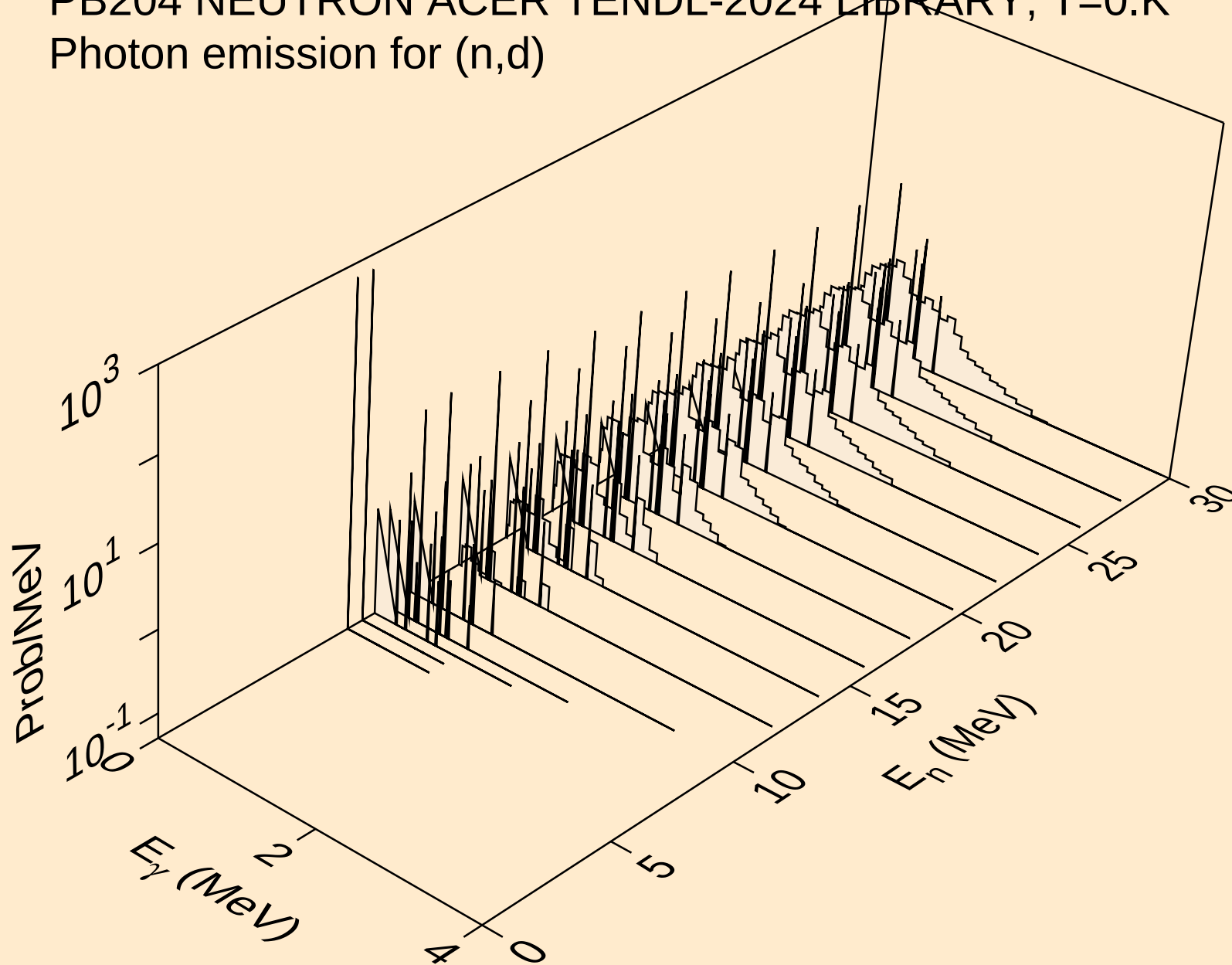
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



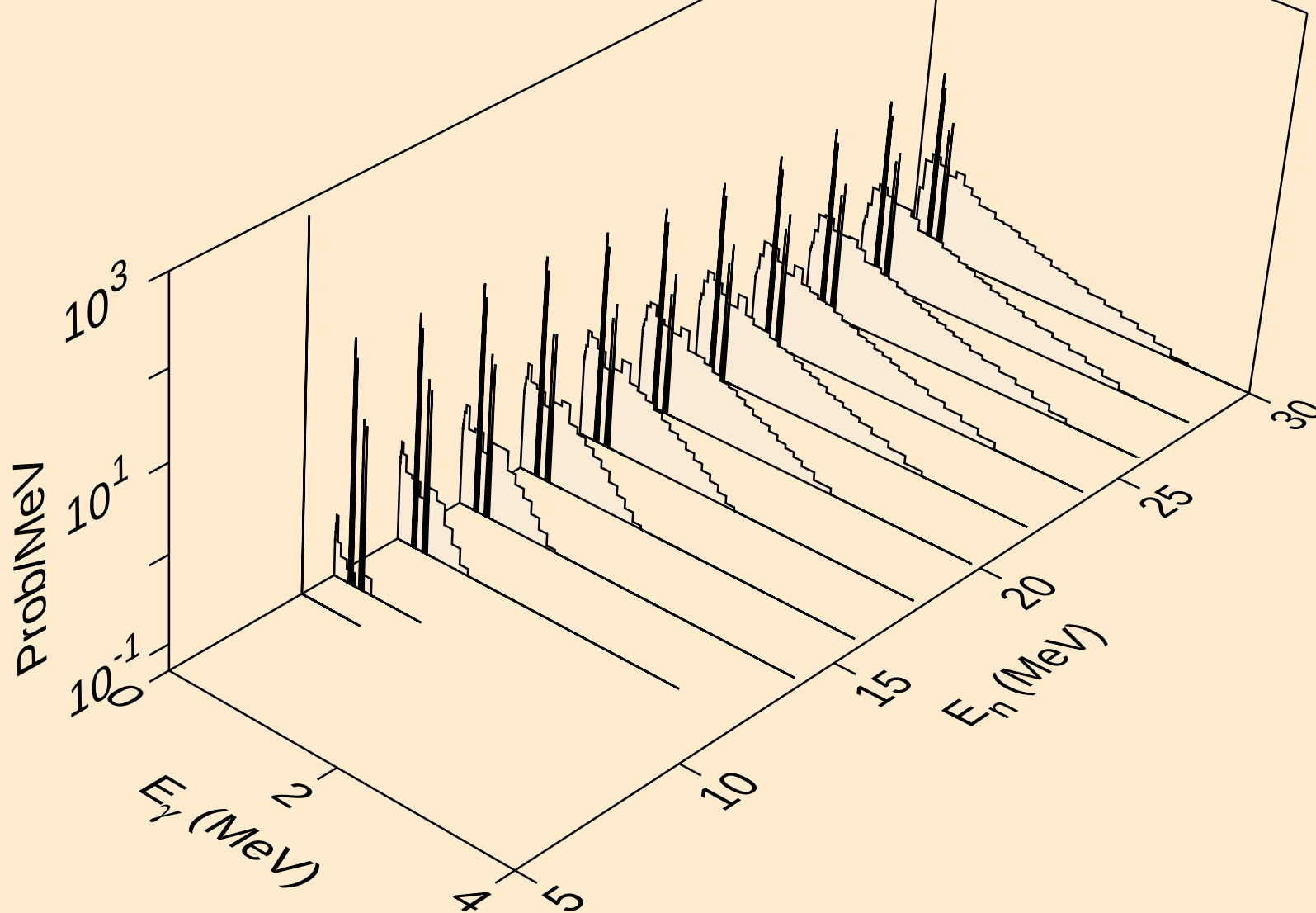
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



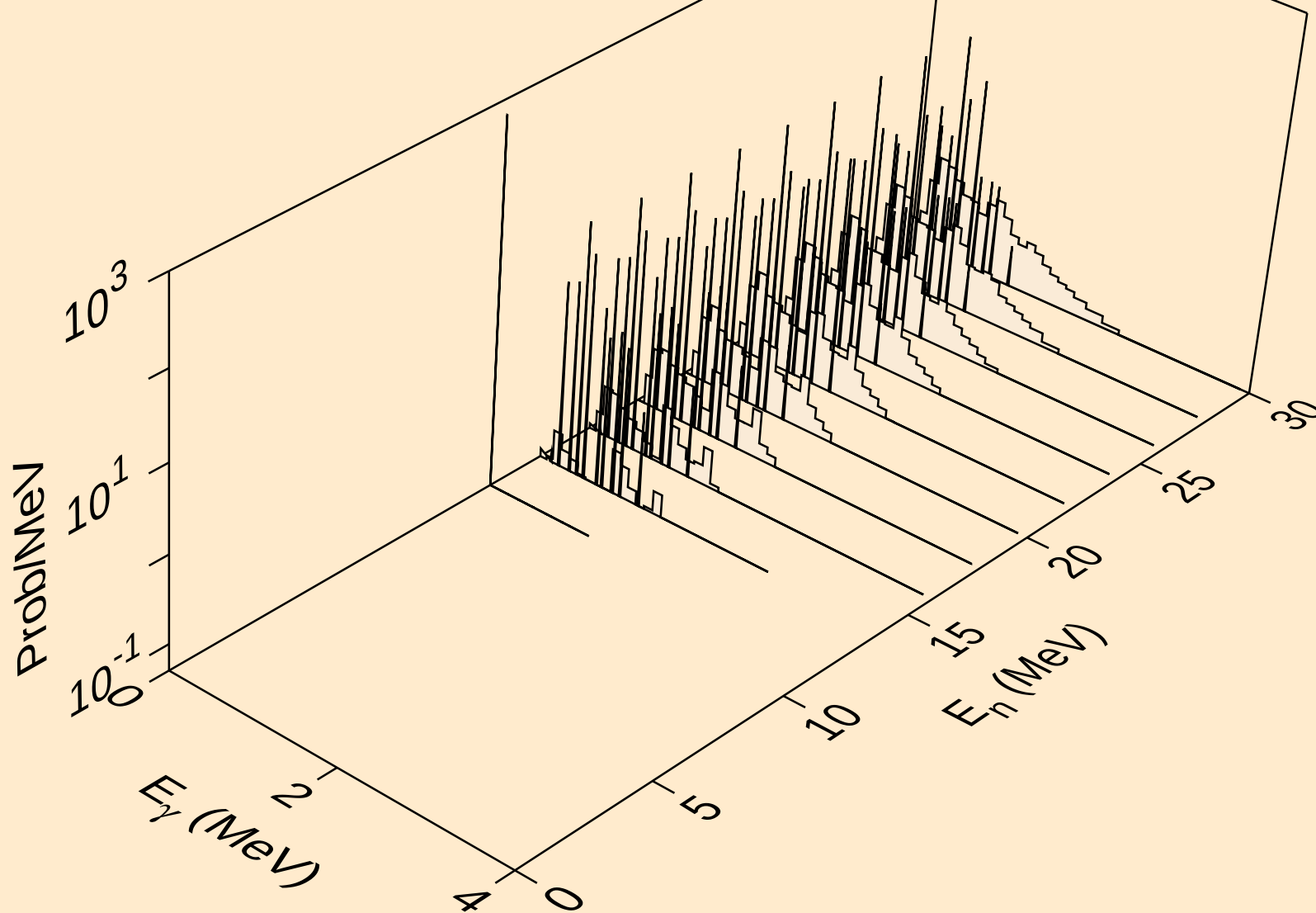
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



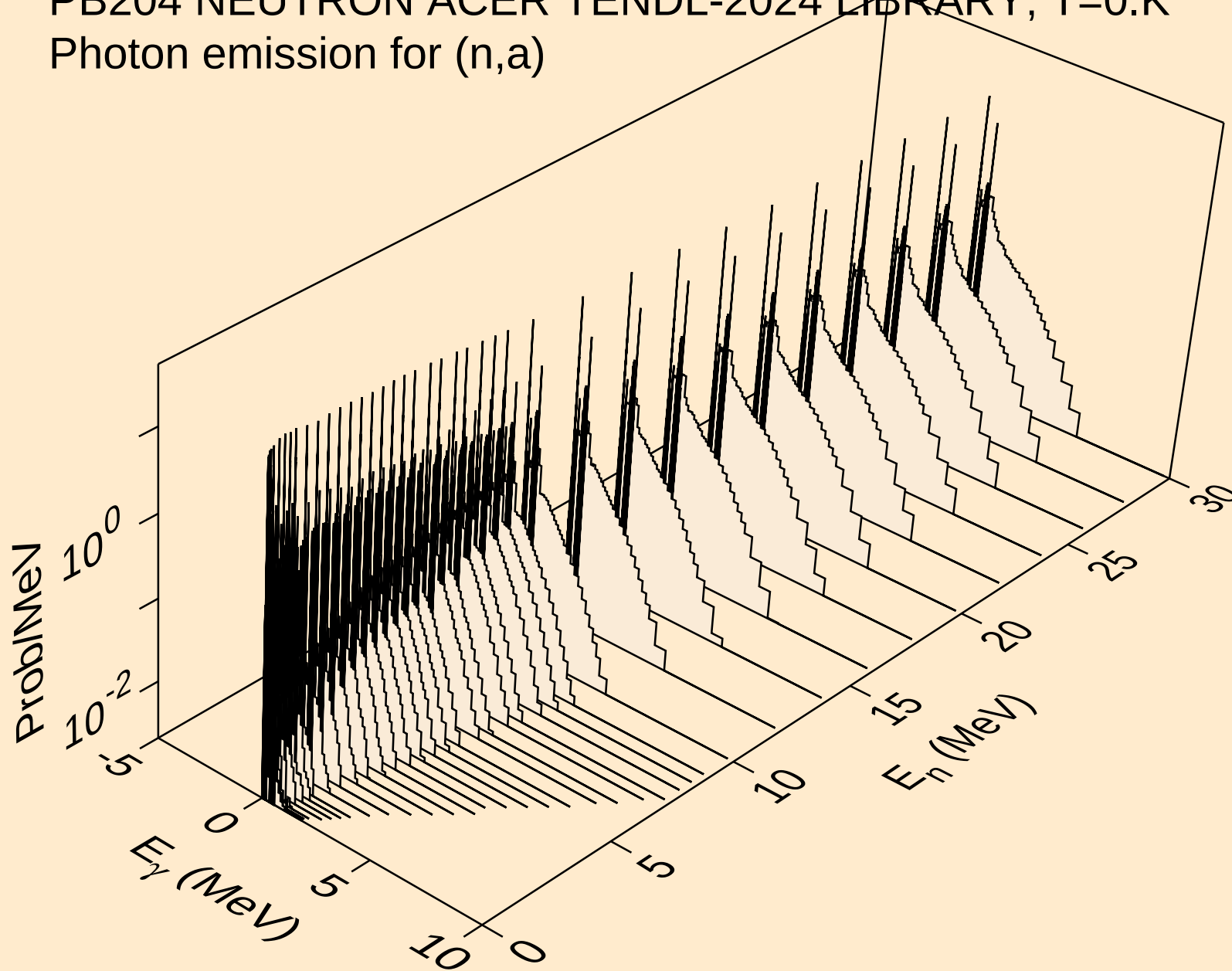
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



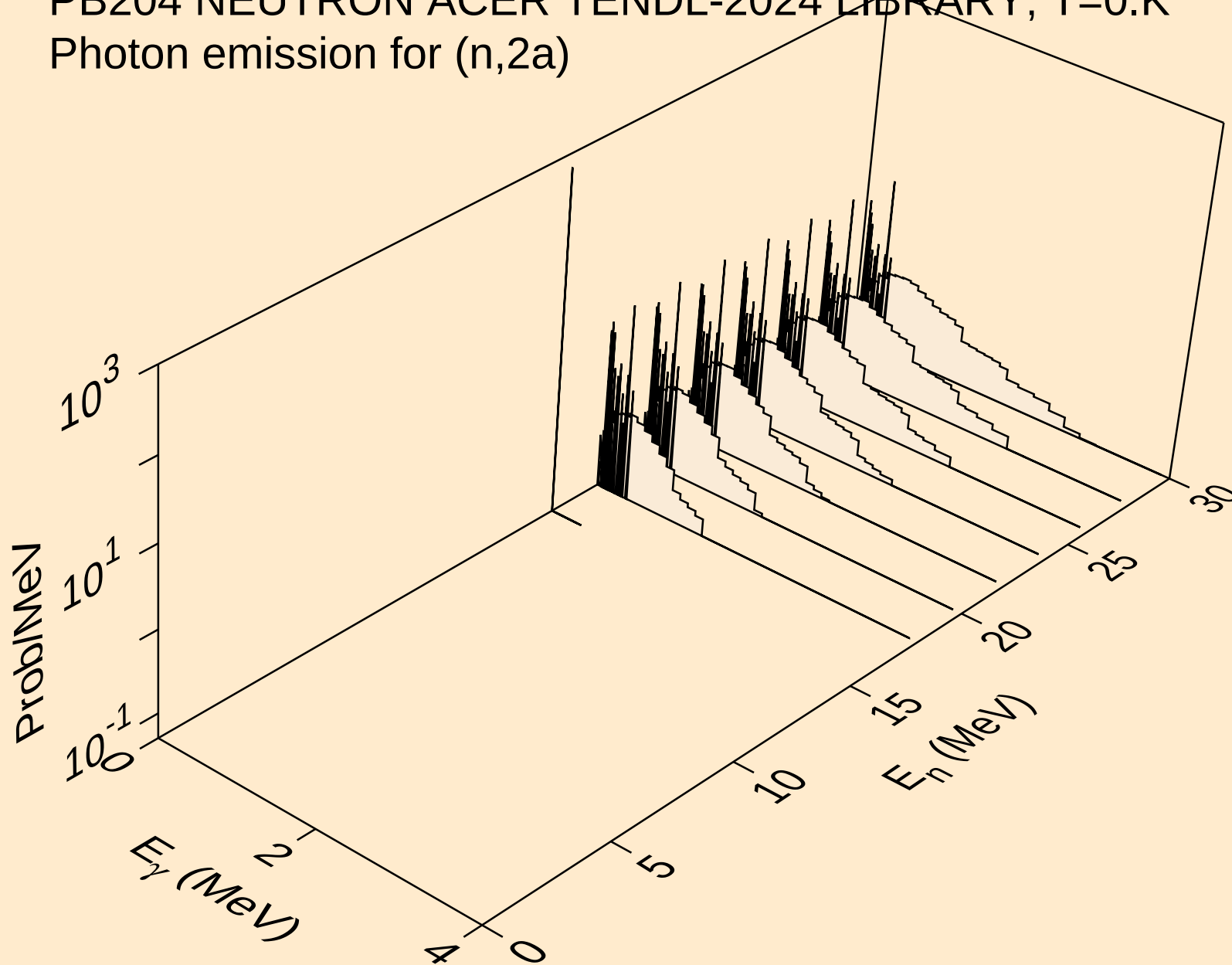
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



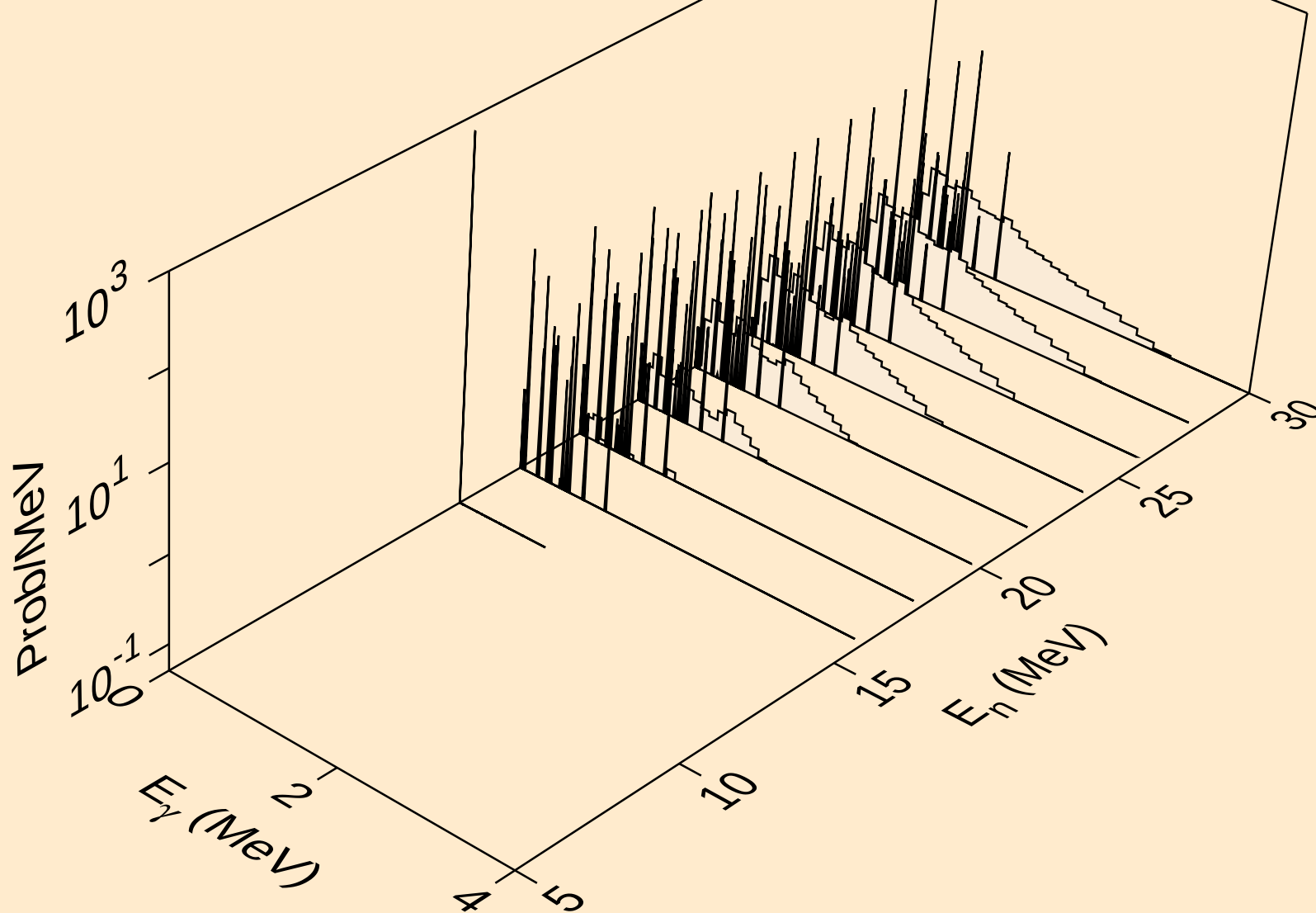
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



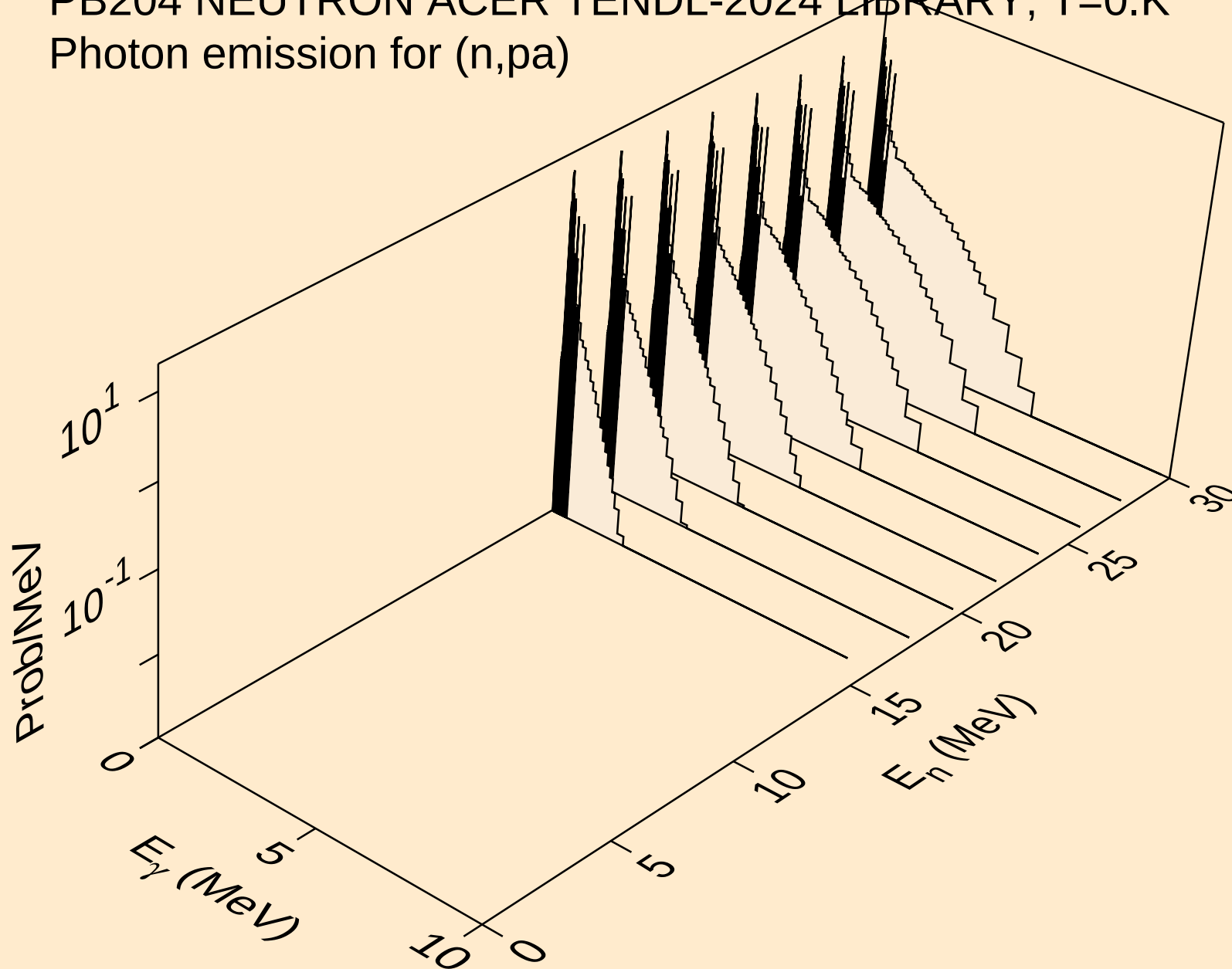
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



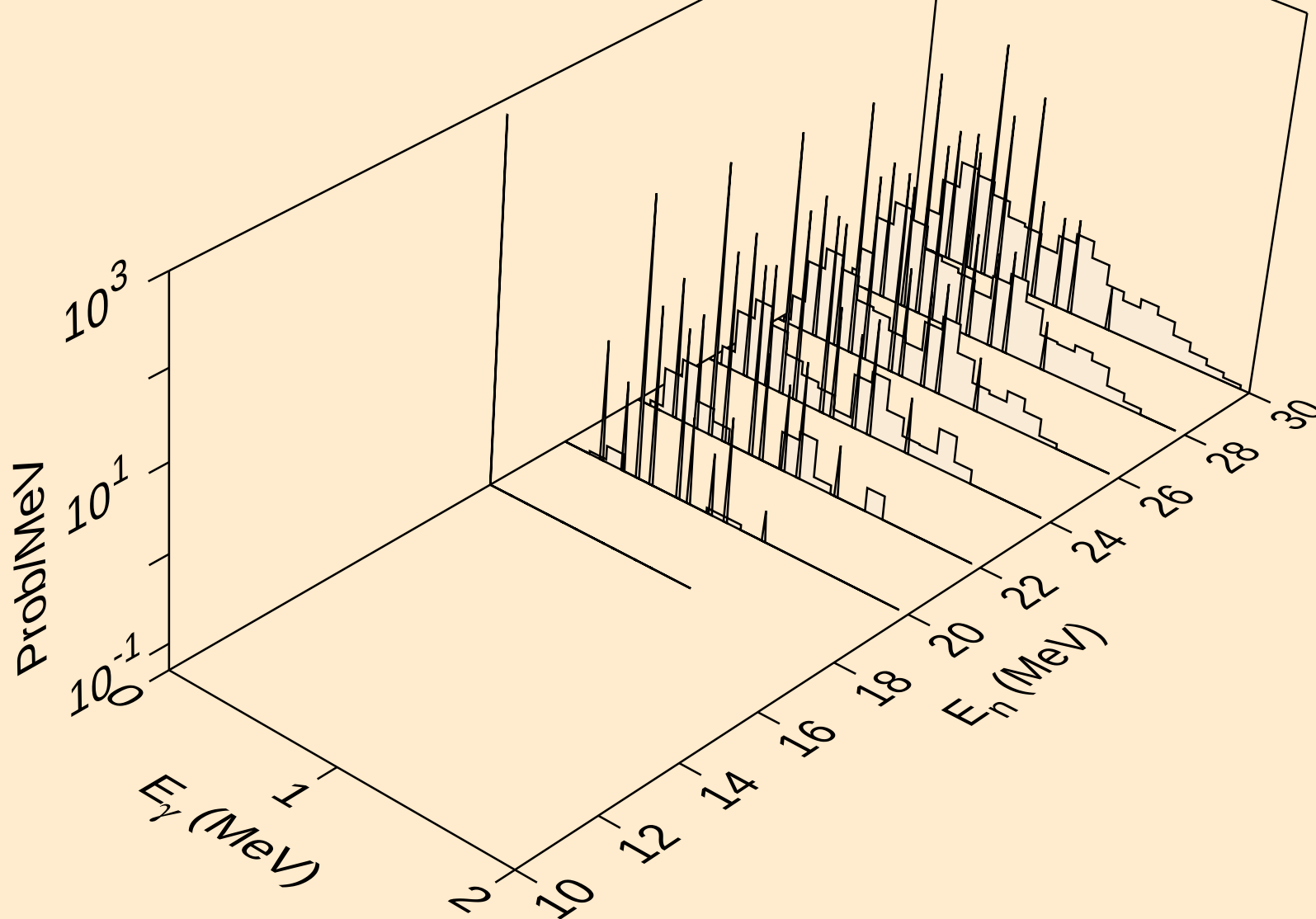
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

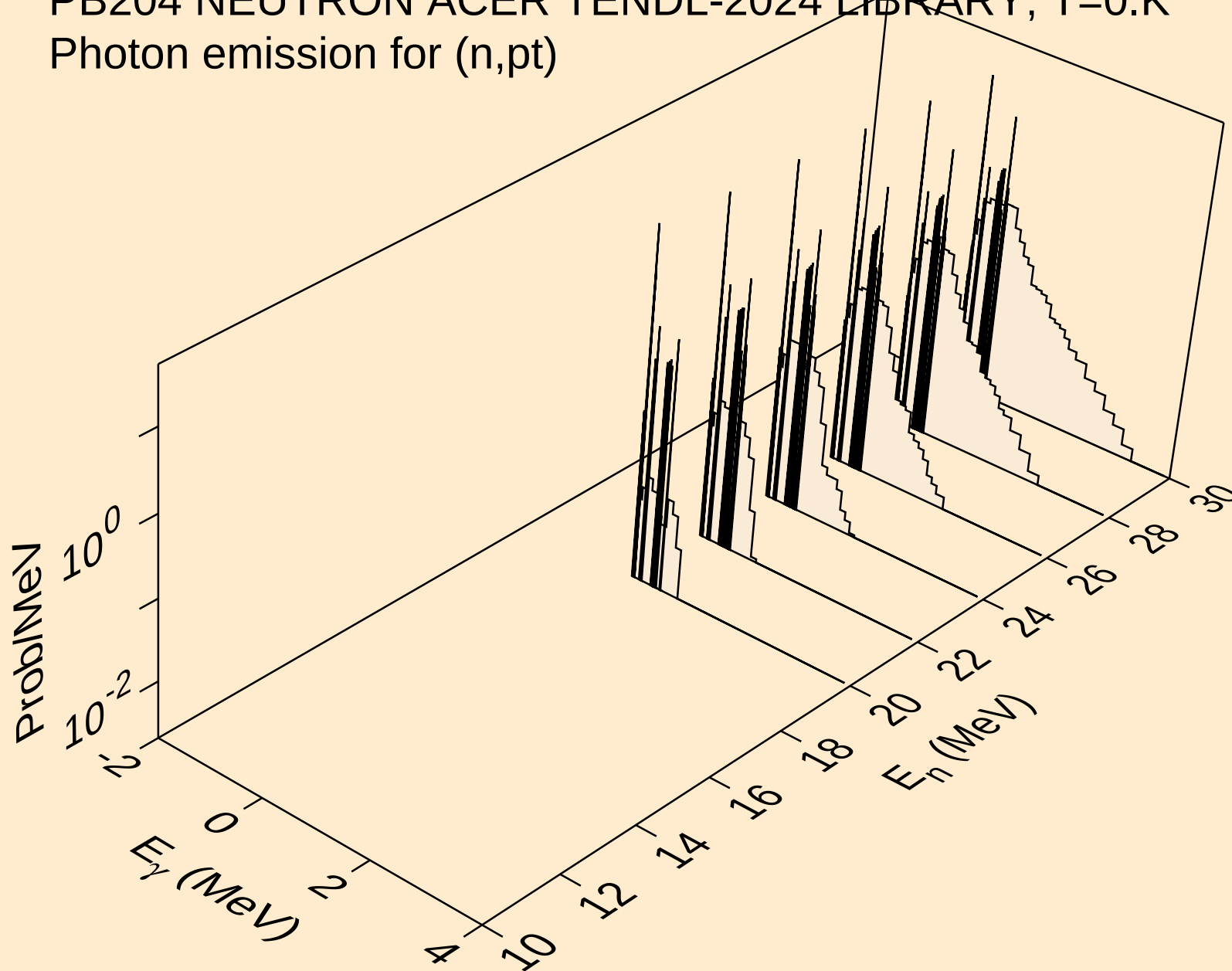


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

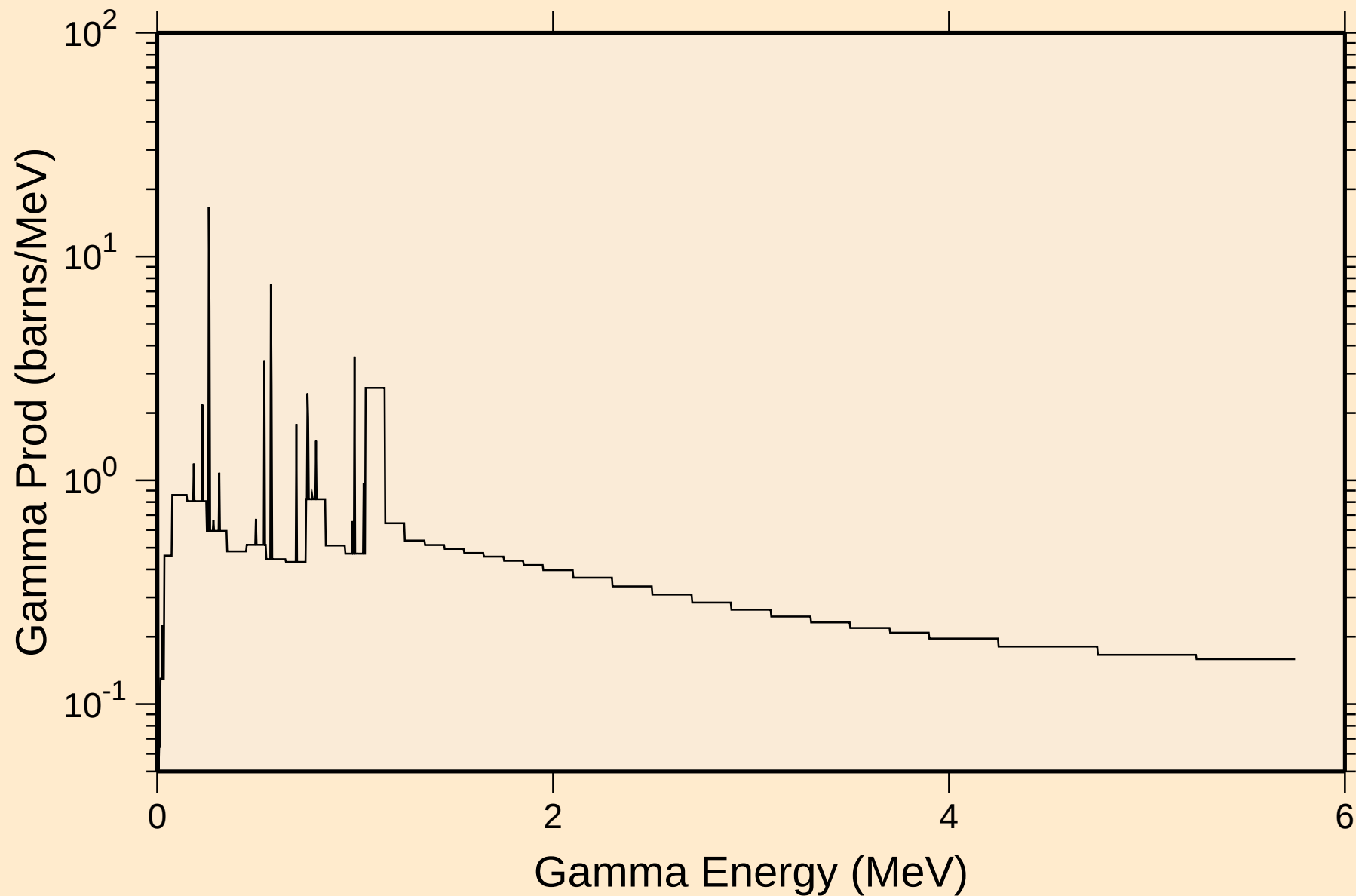


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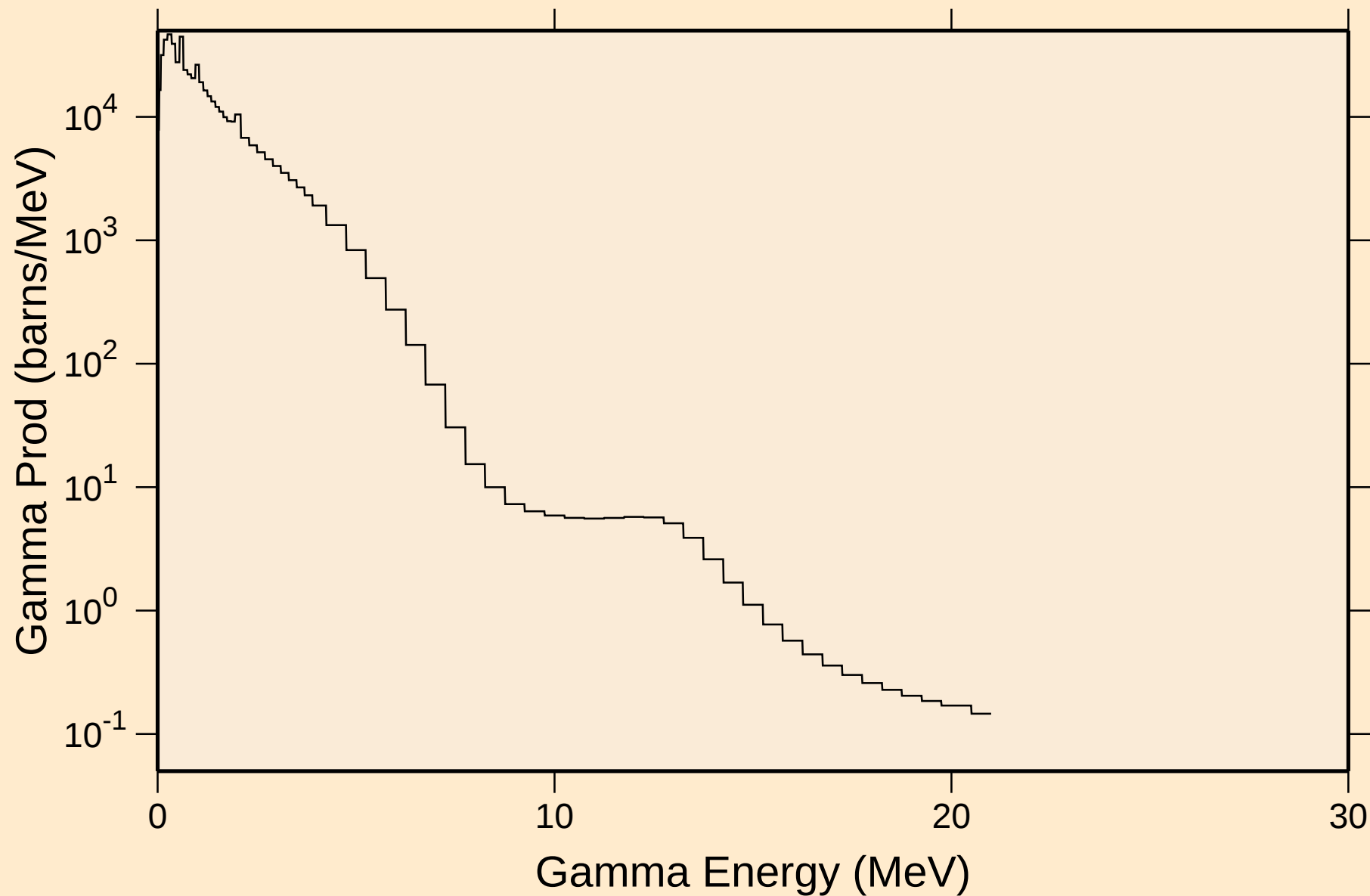
Photon emission for (n,pt)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

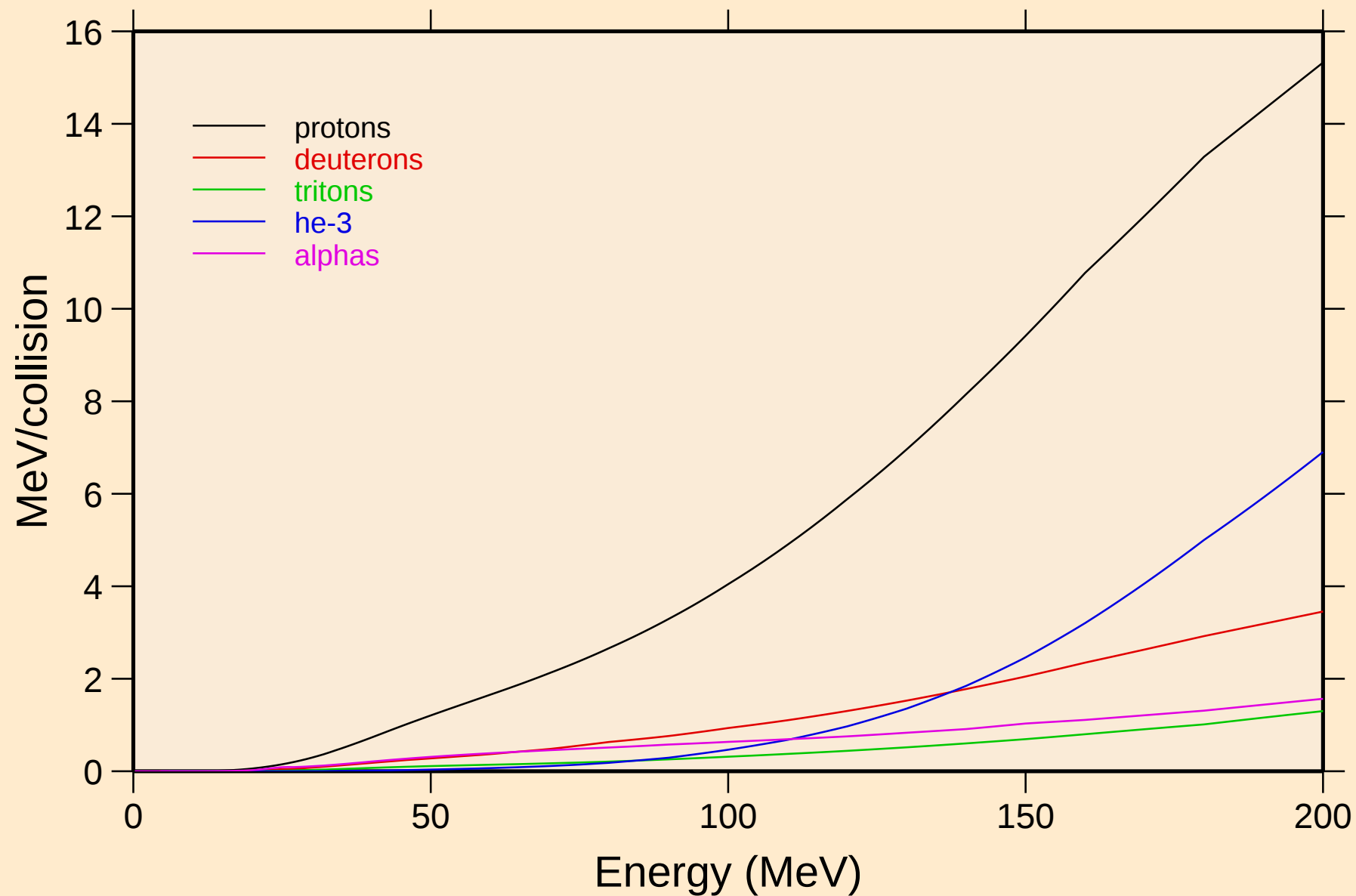


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

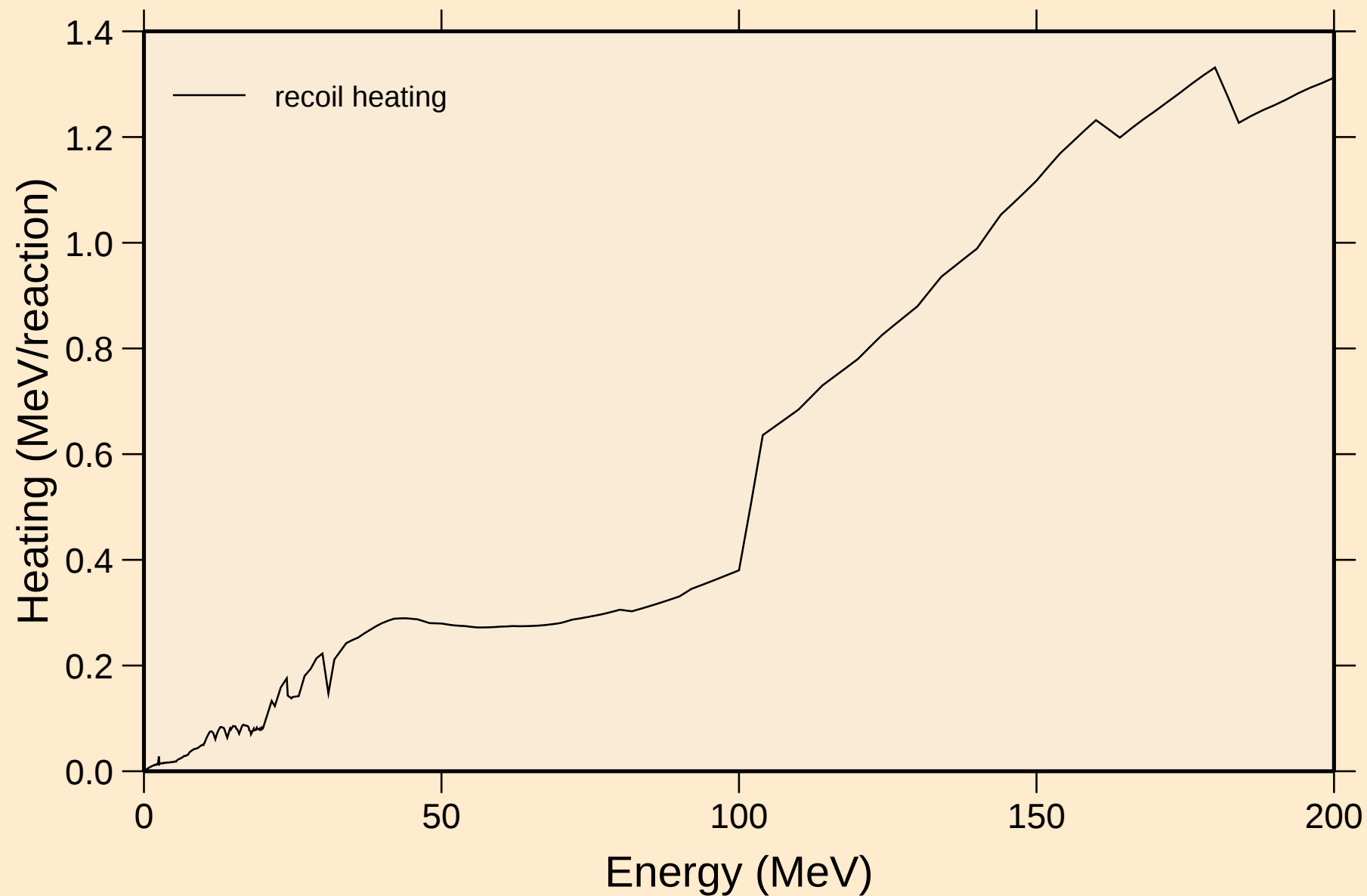


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

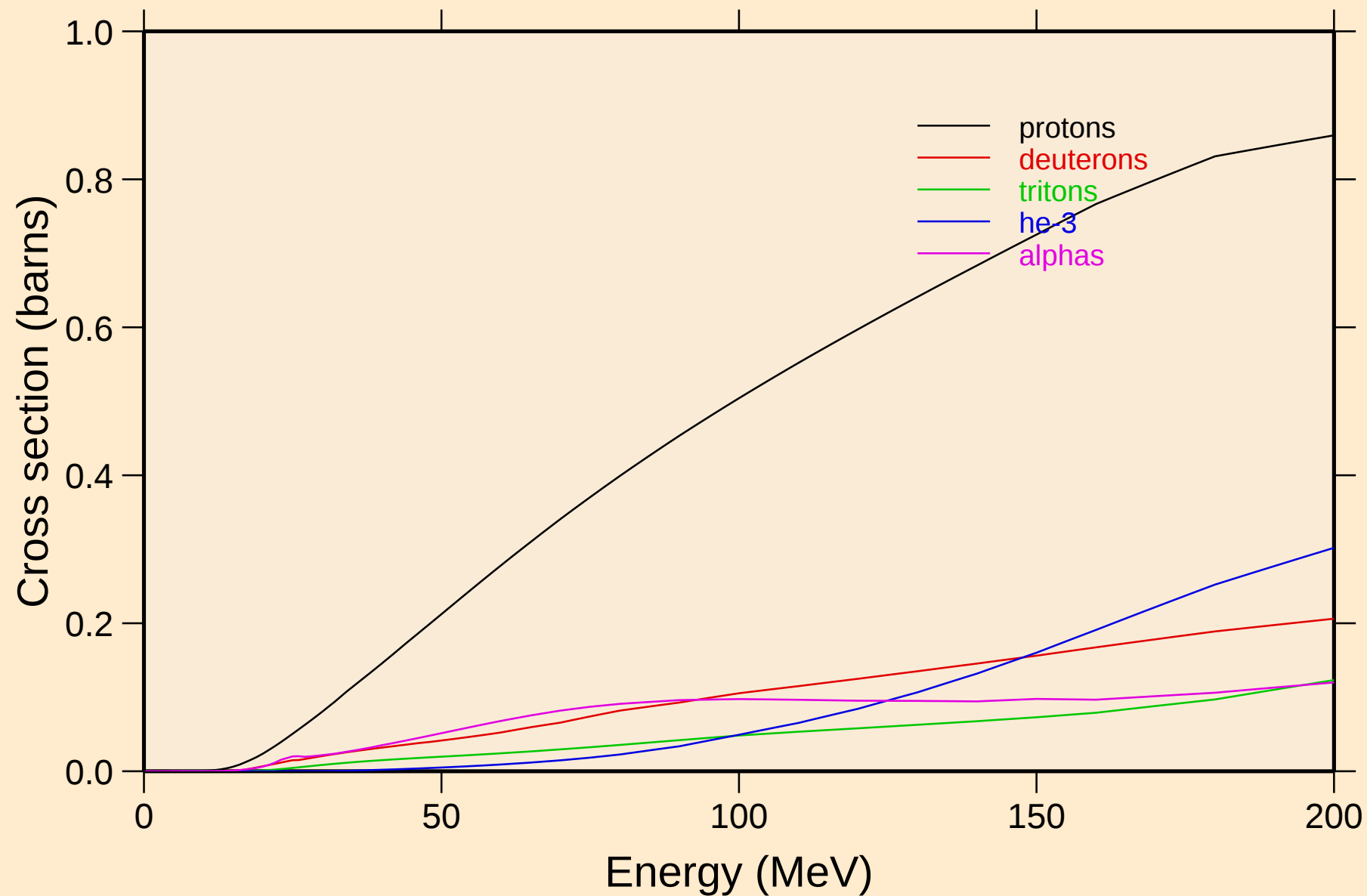


PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

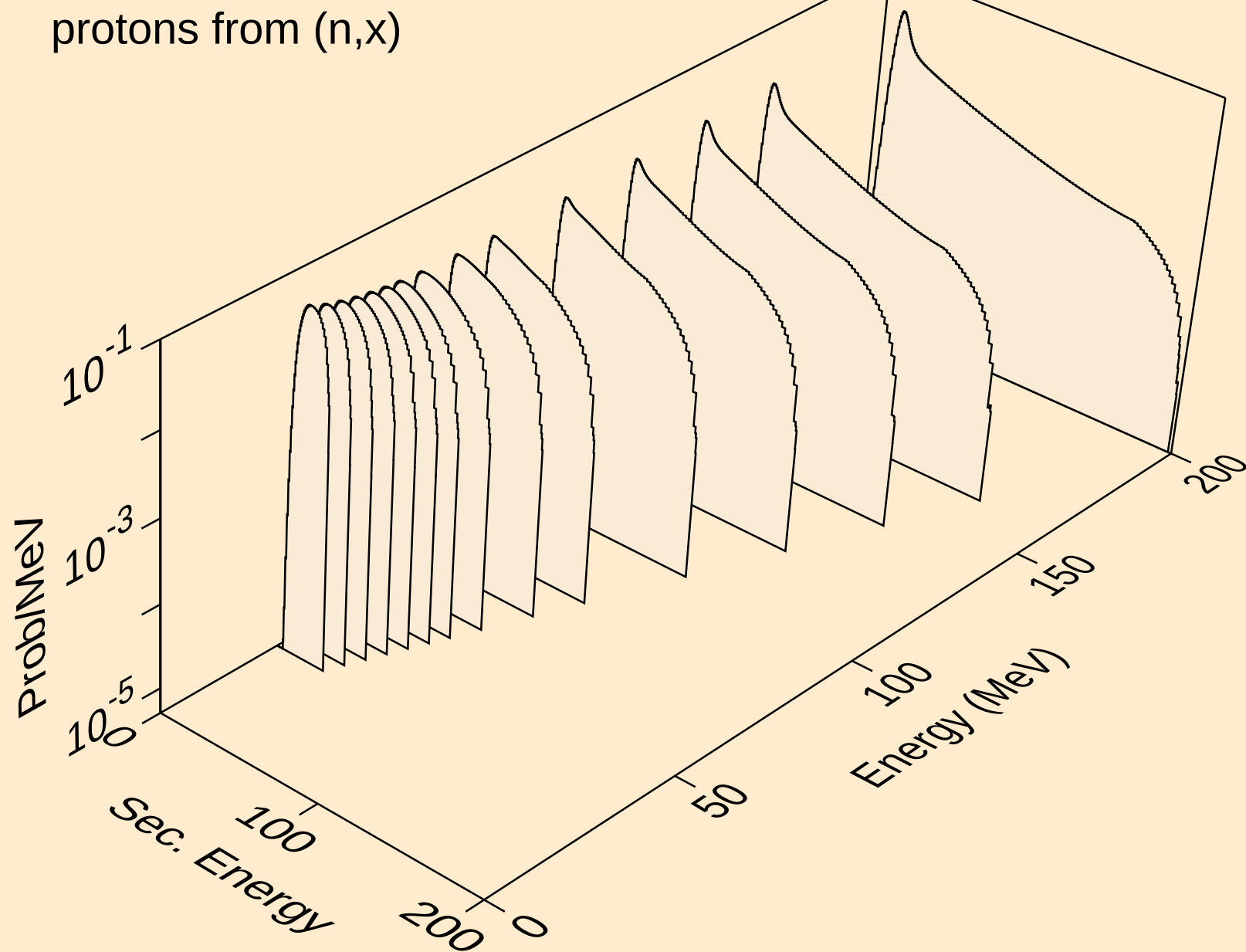


# PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

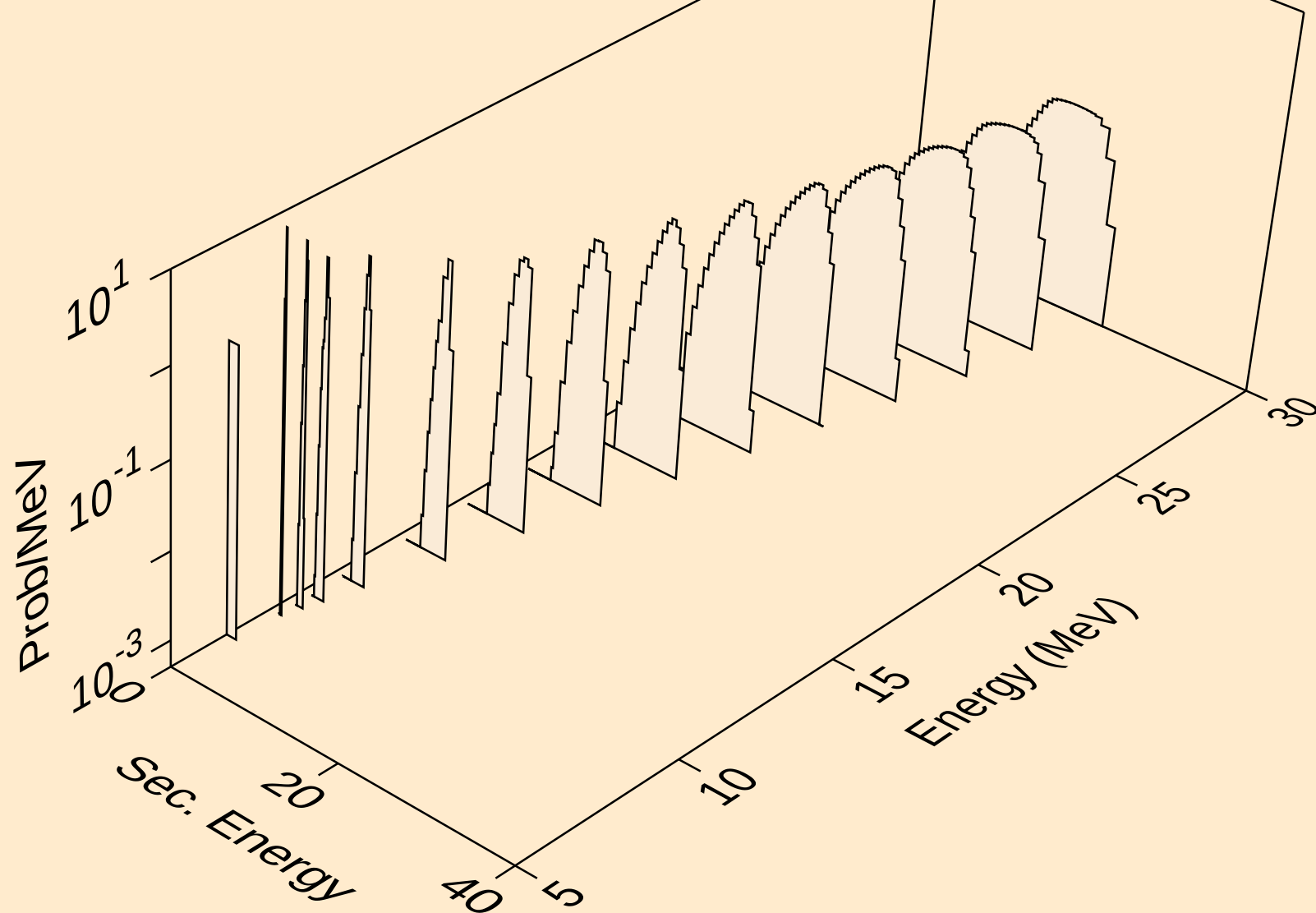
## Particle production cross sections



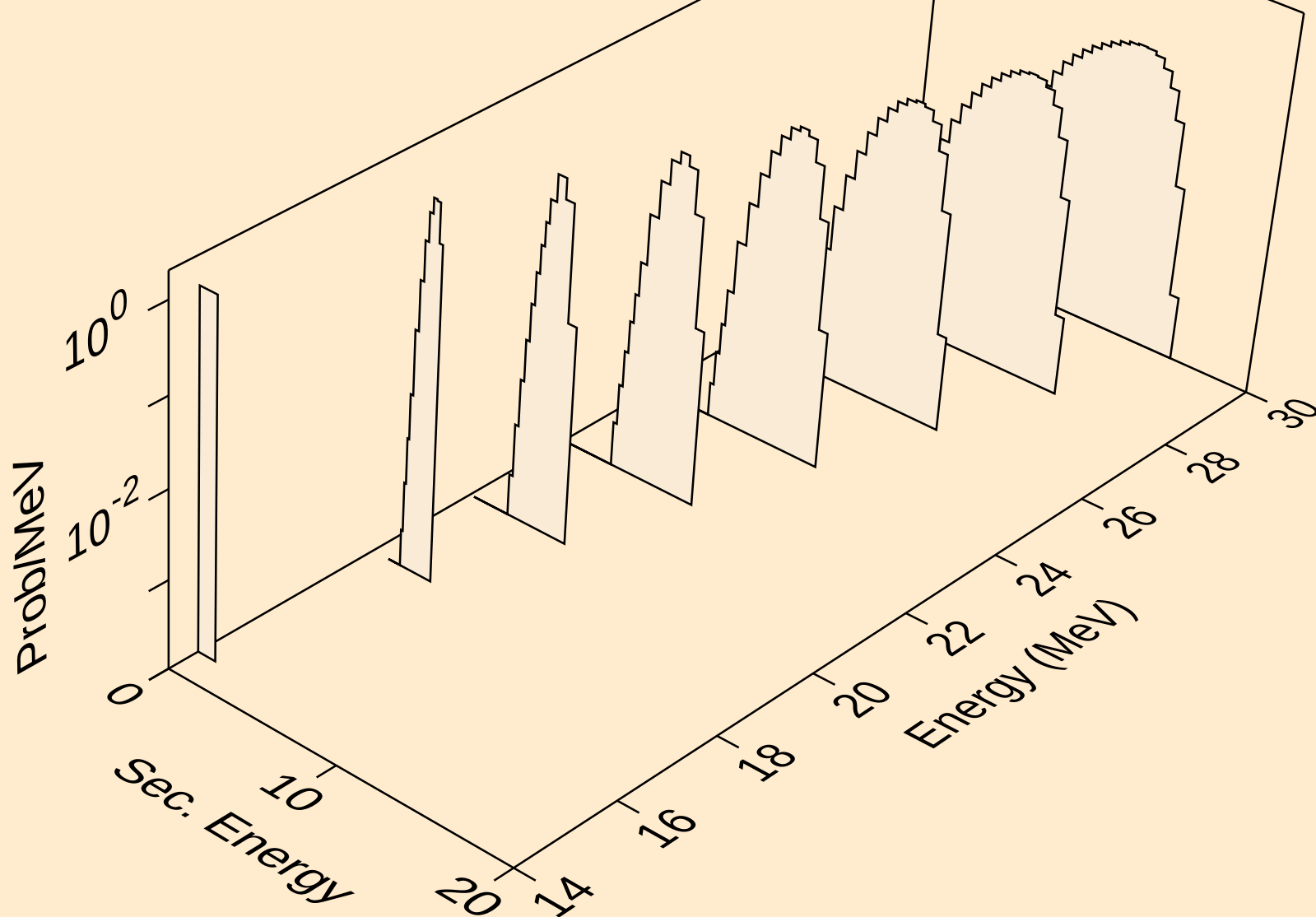
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



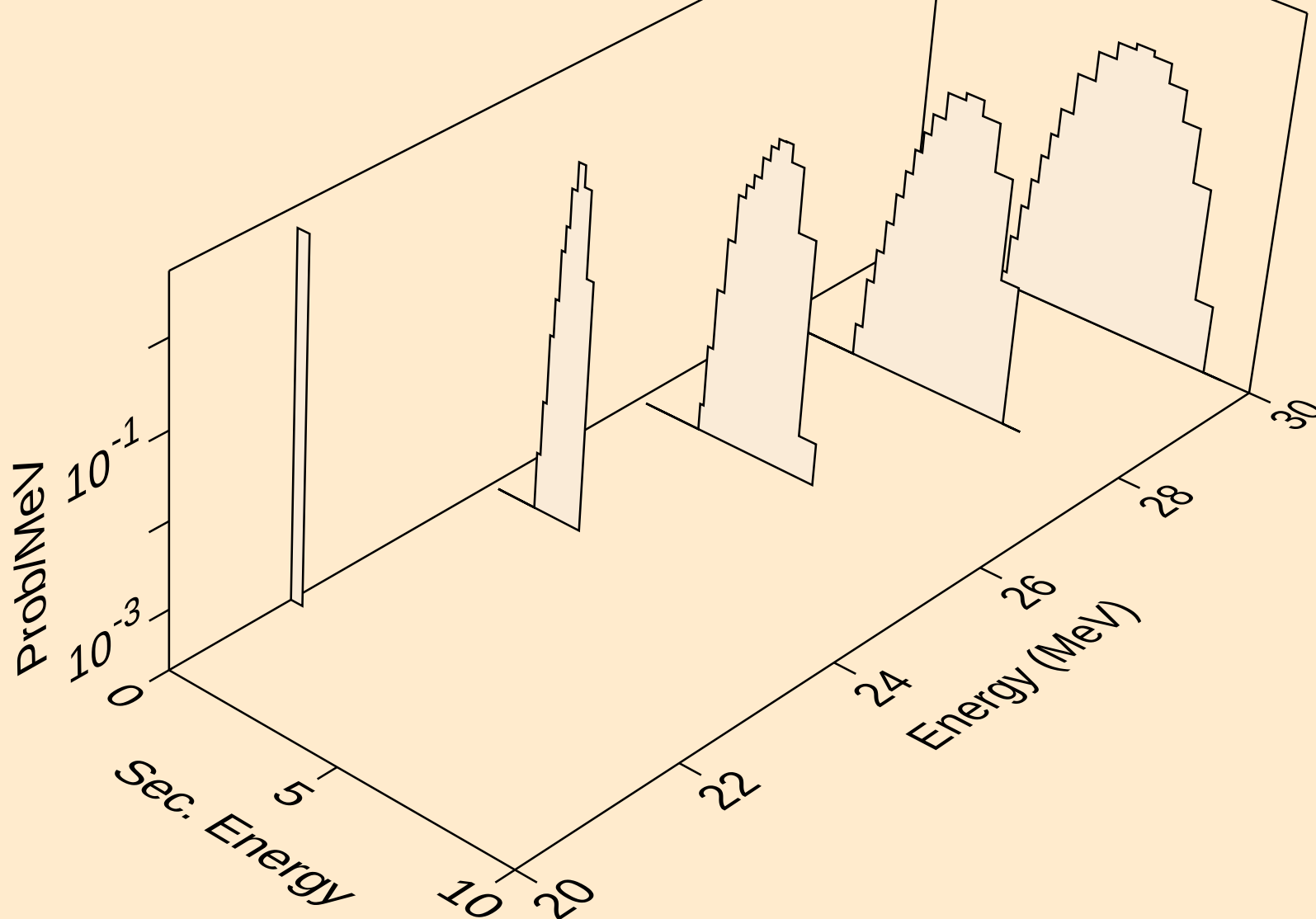
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



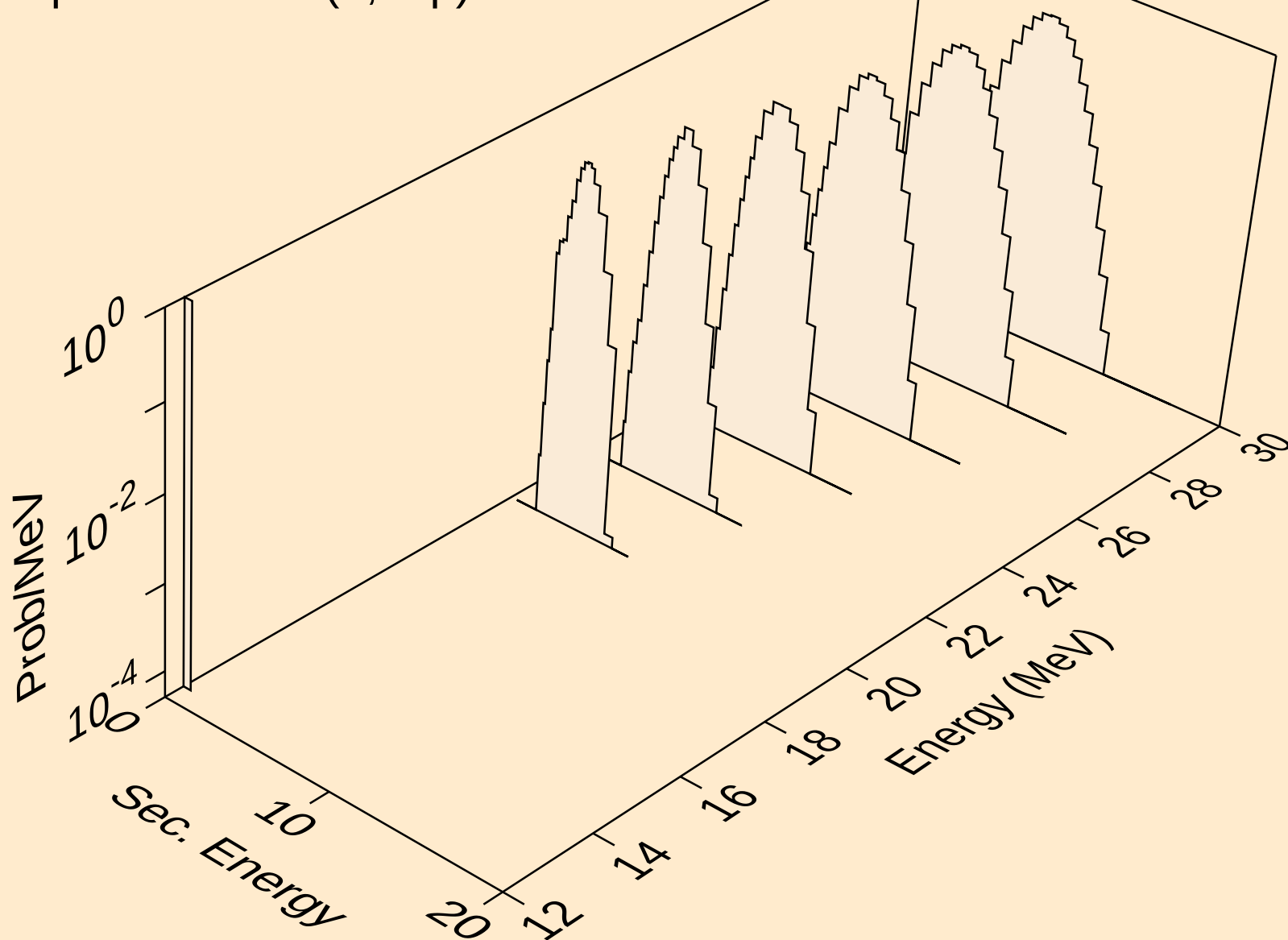
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



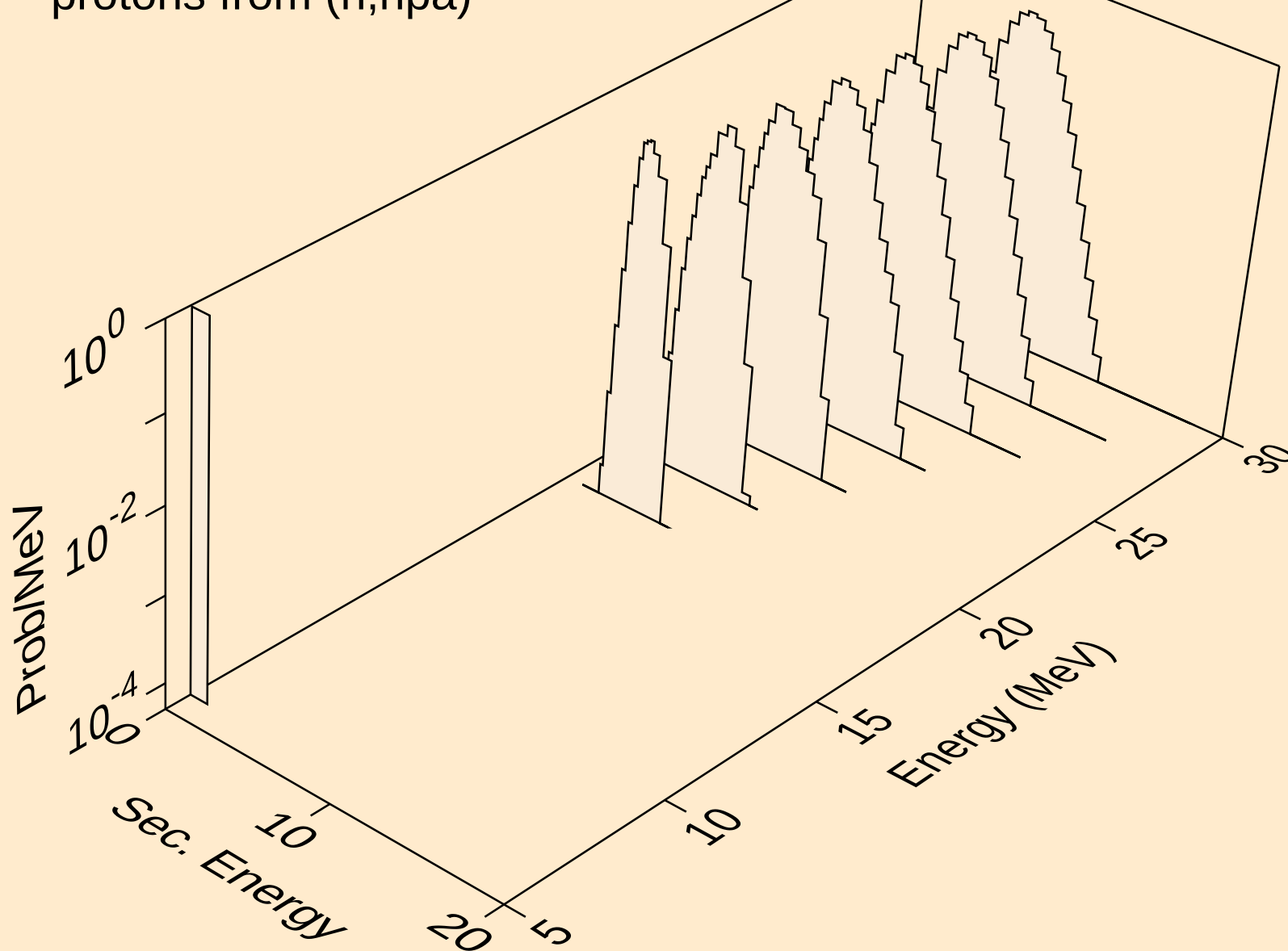
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protons from (n,3np)



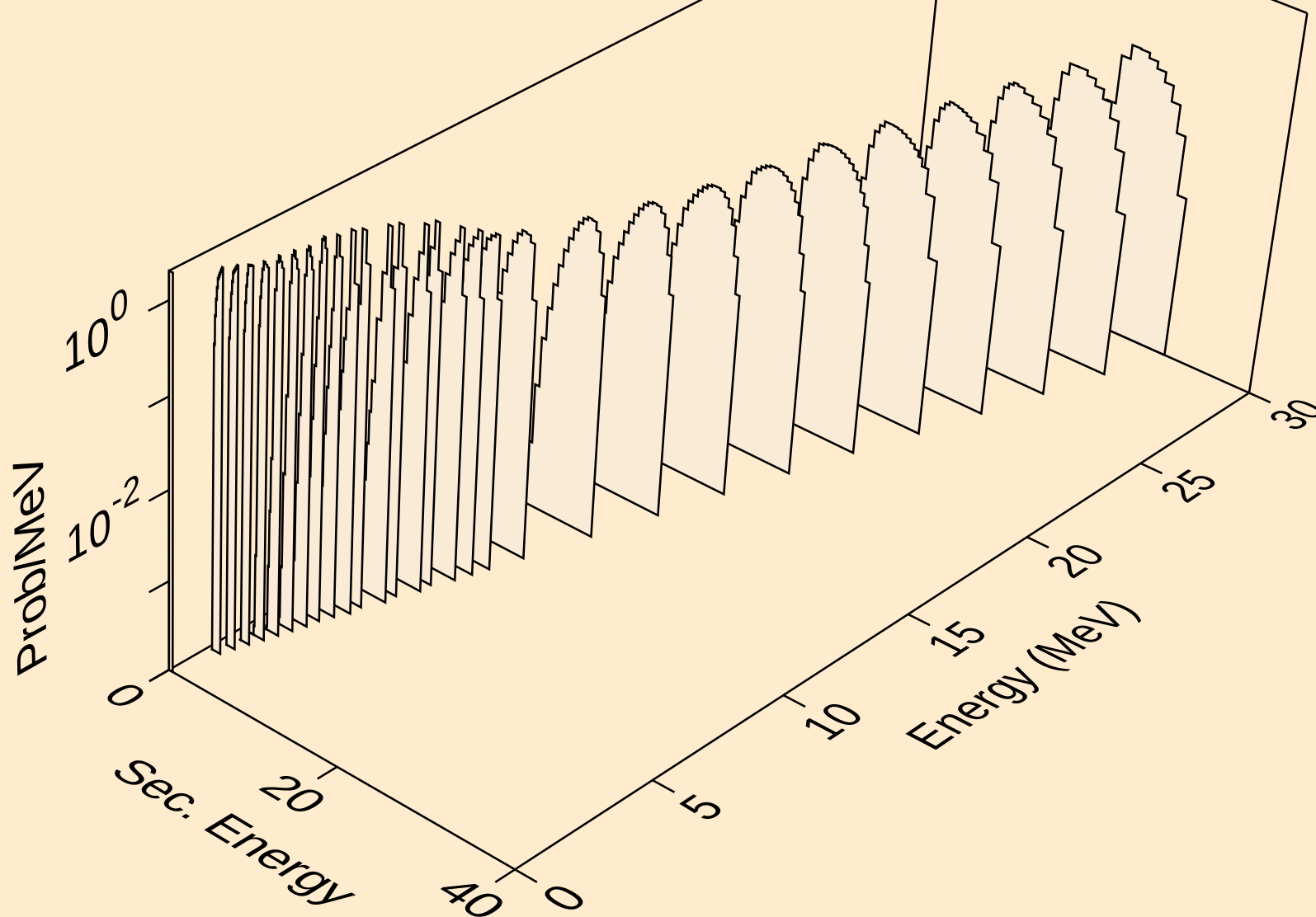
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



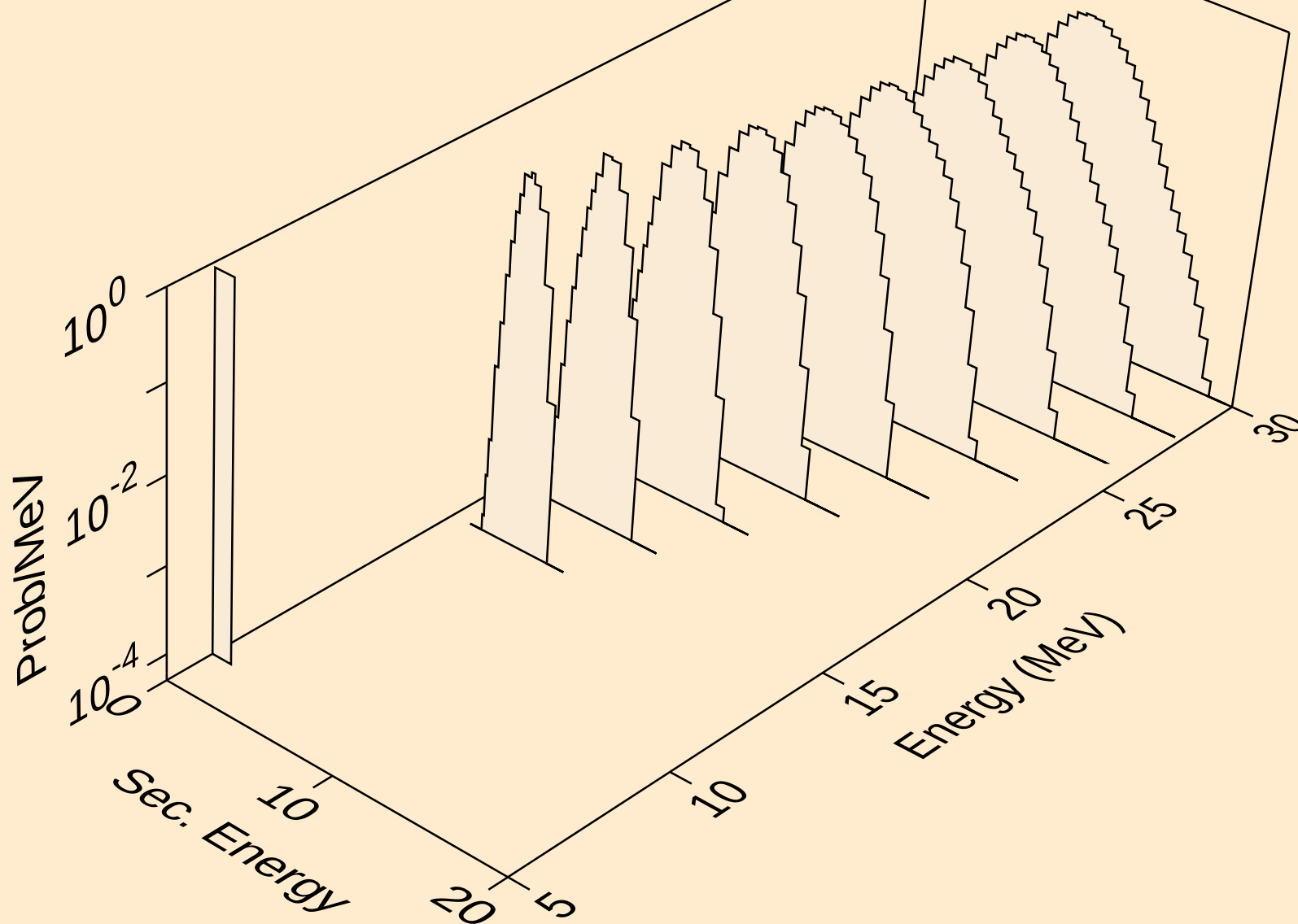
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protons from (n,npa)



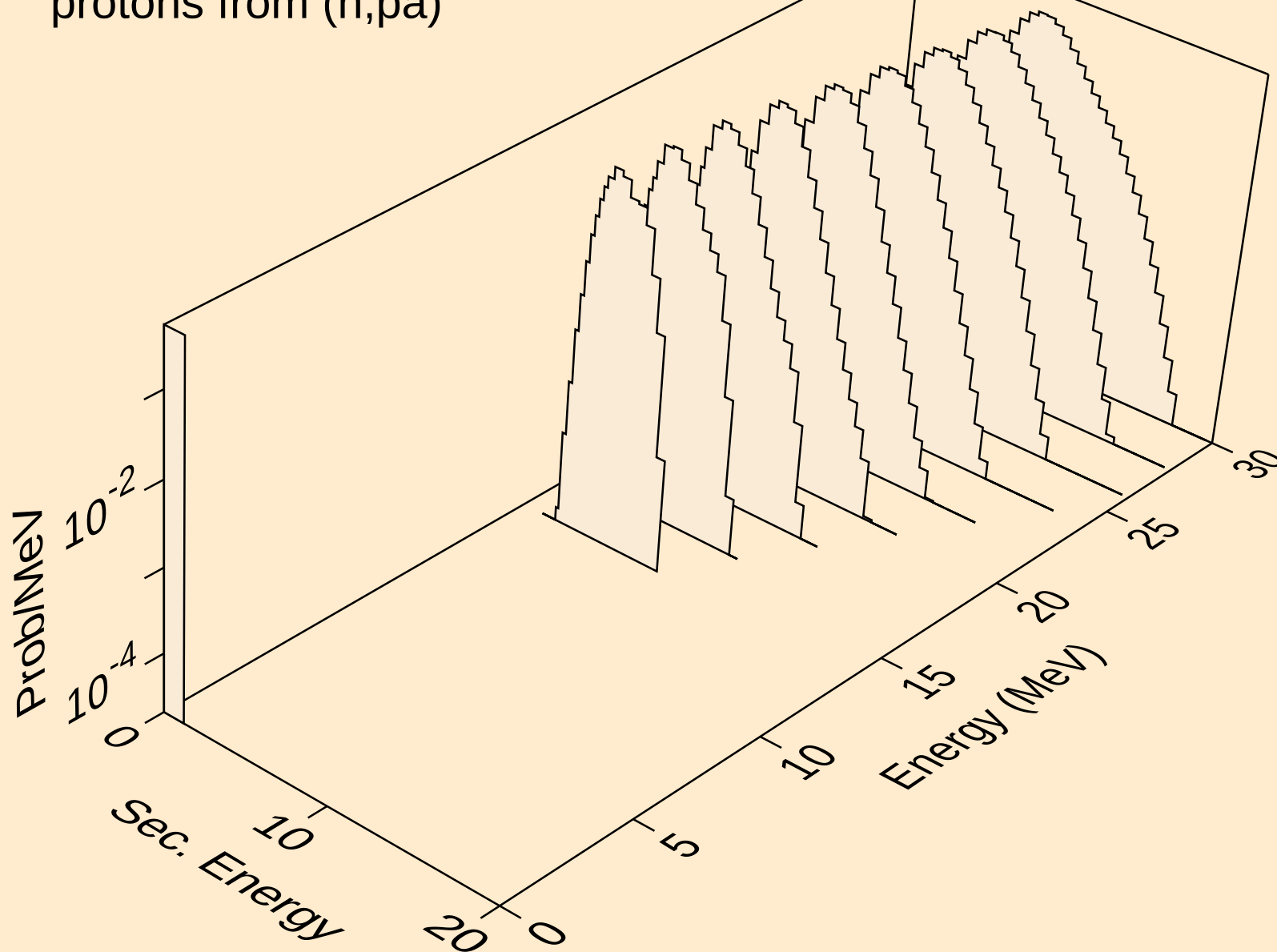
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protons from (n,p)



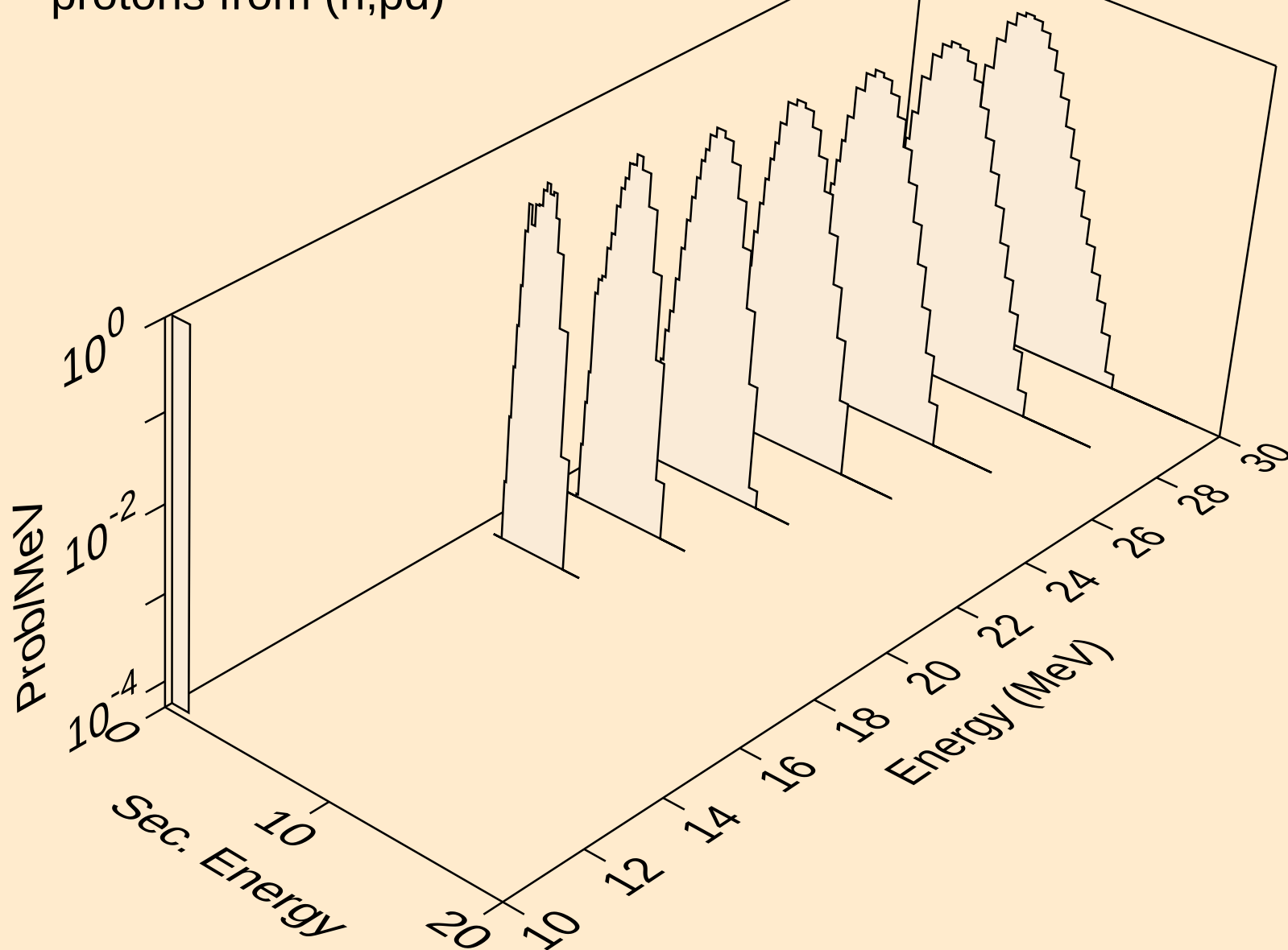
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protons from (n,2p)



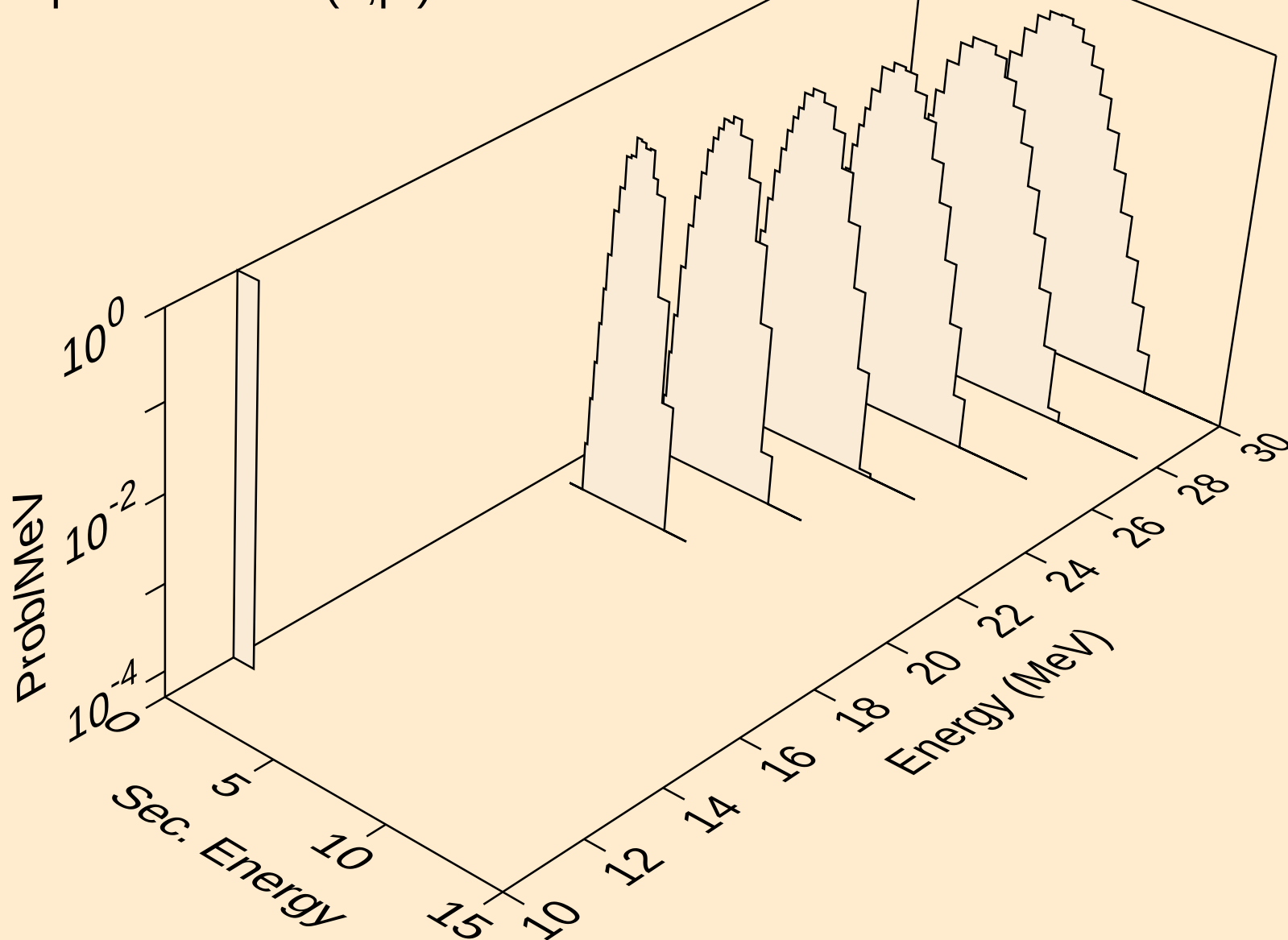
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protons from (n,p)



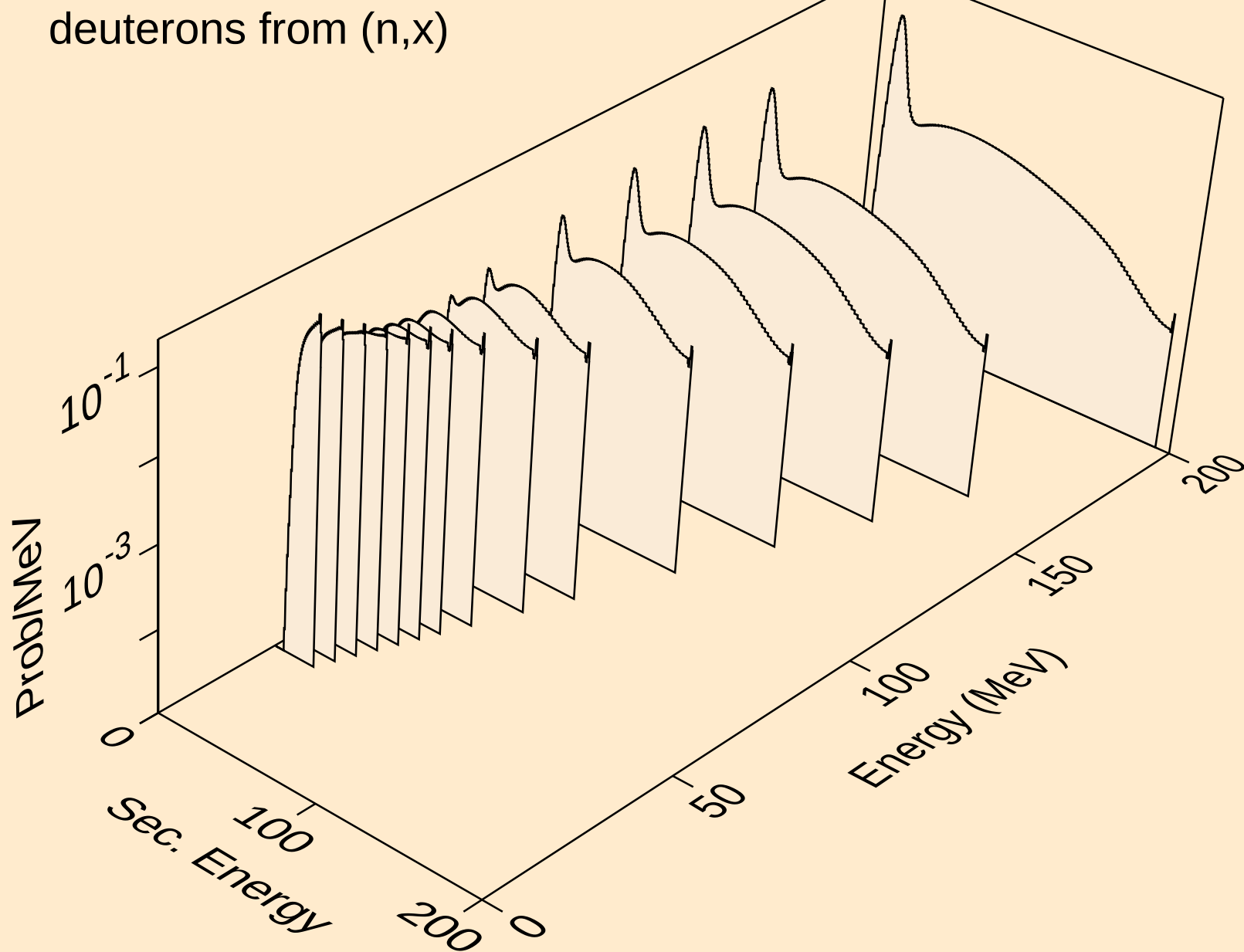
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protons from (n,pd)



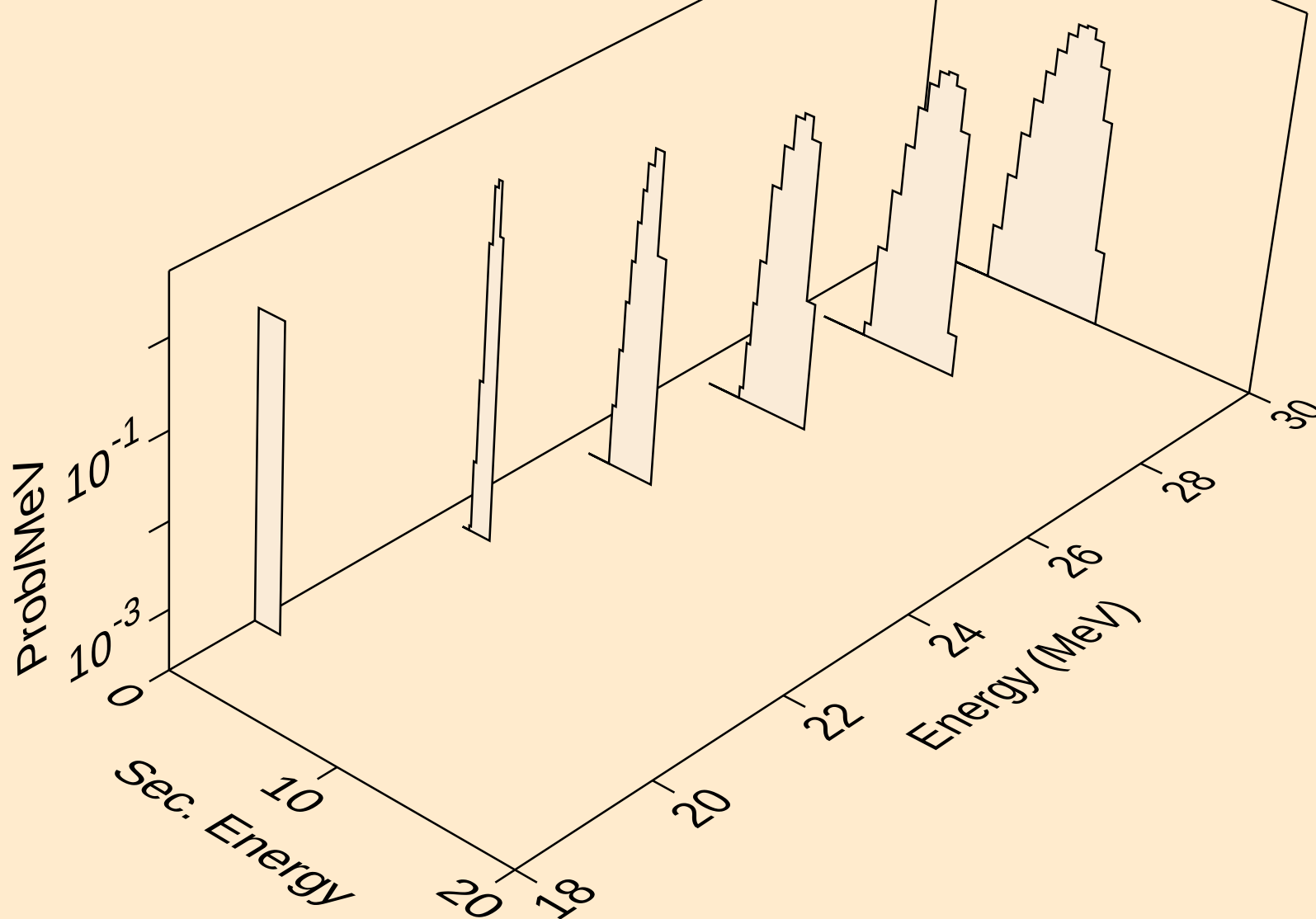
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



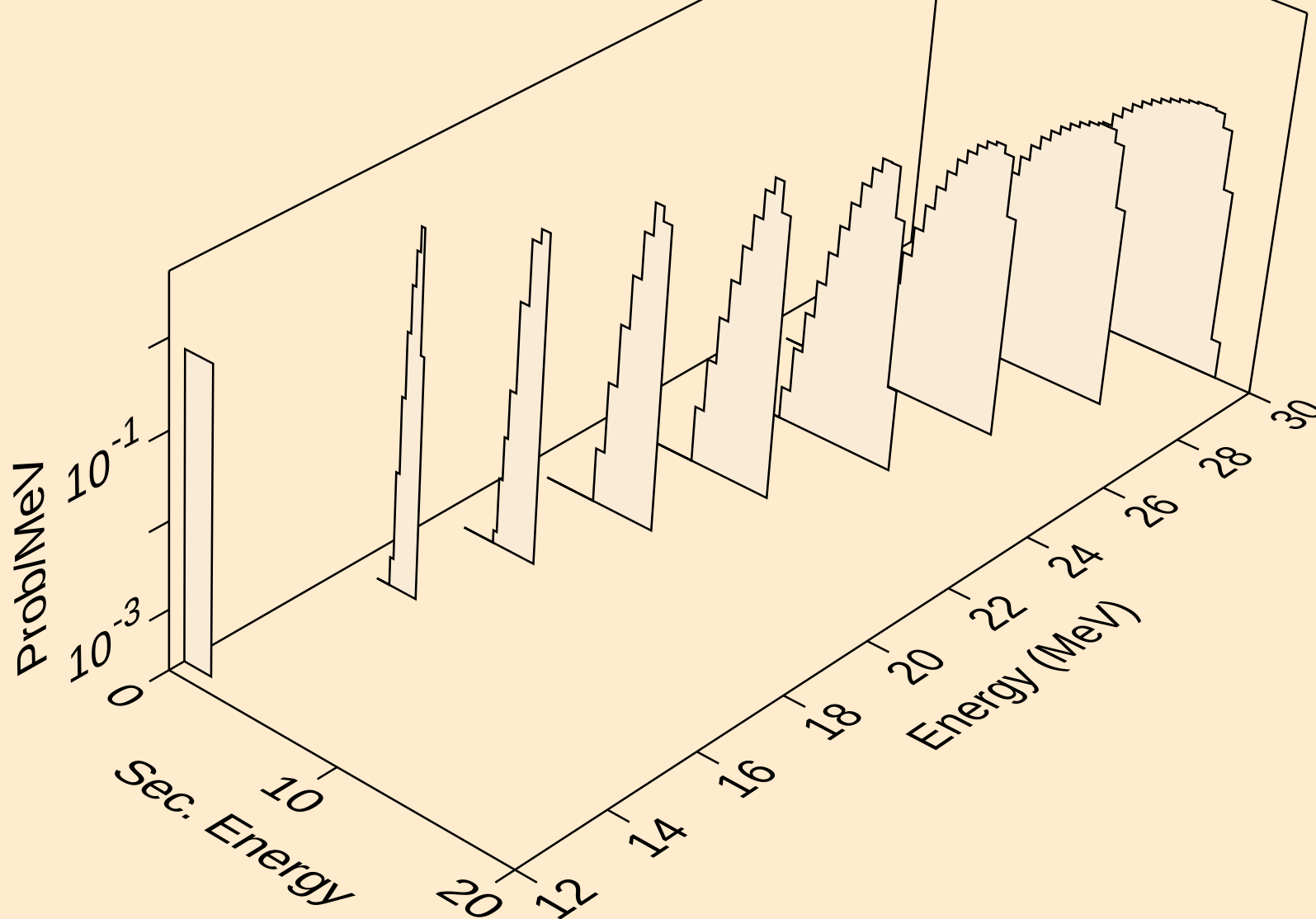
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



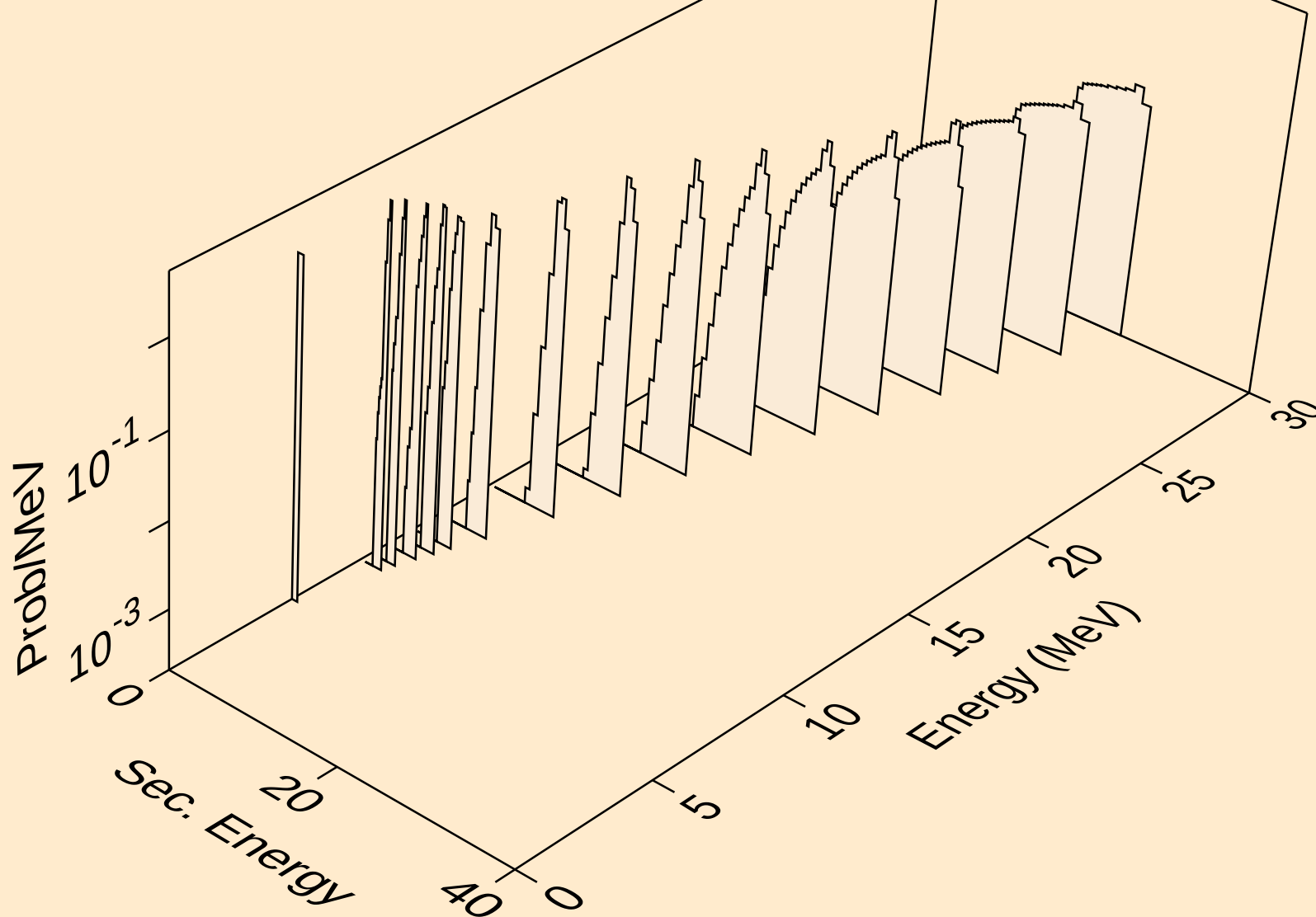
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deuterons from (n,2nd)



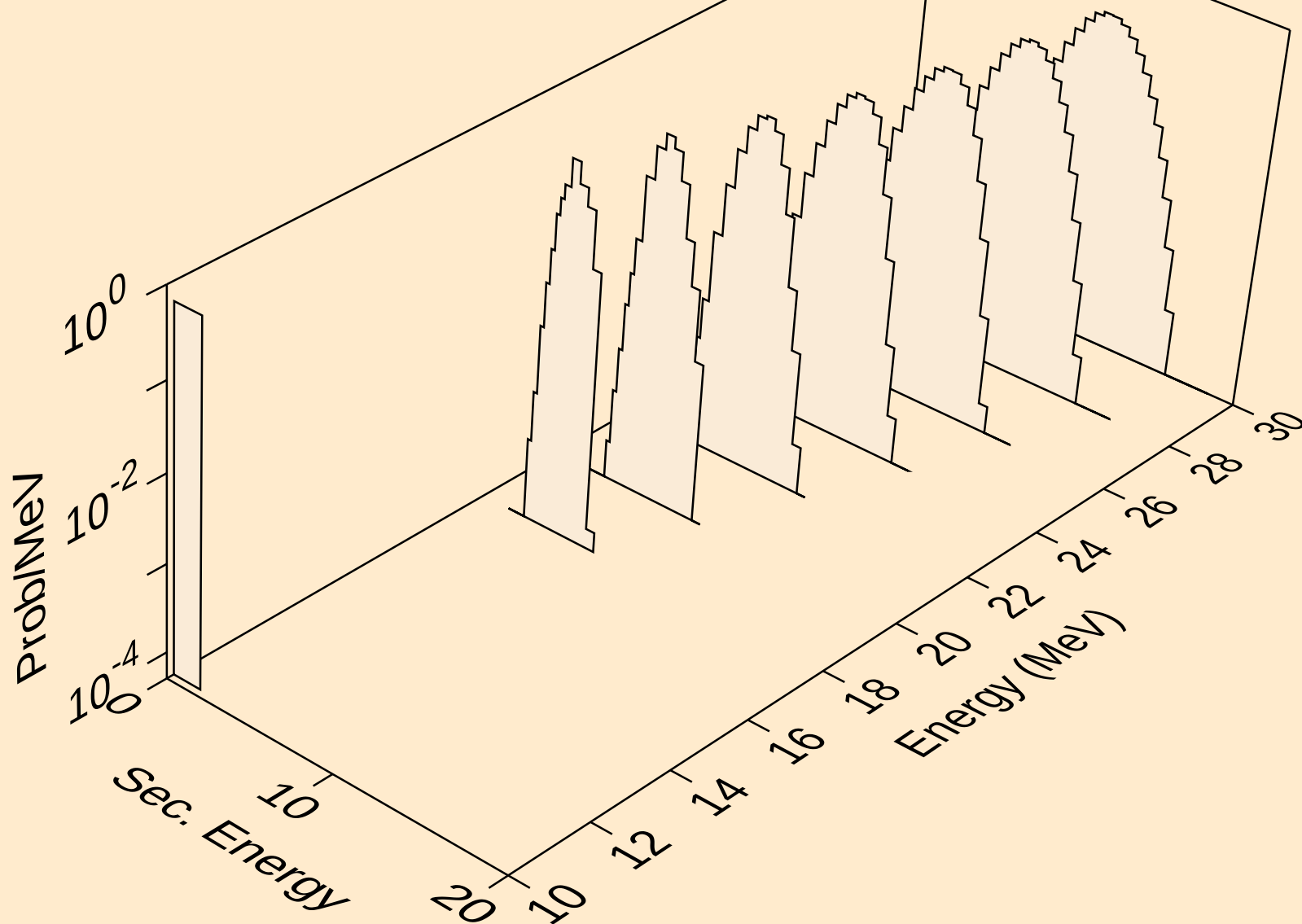
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



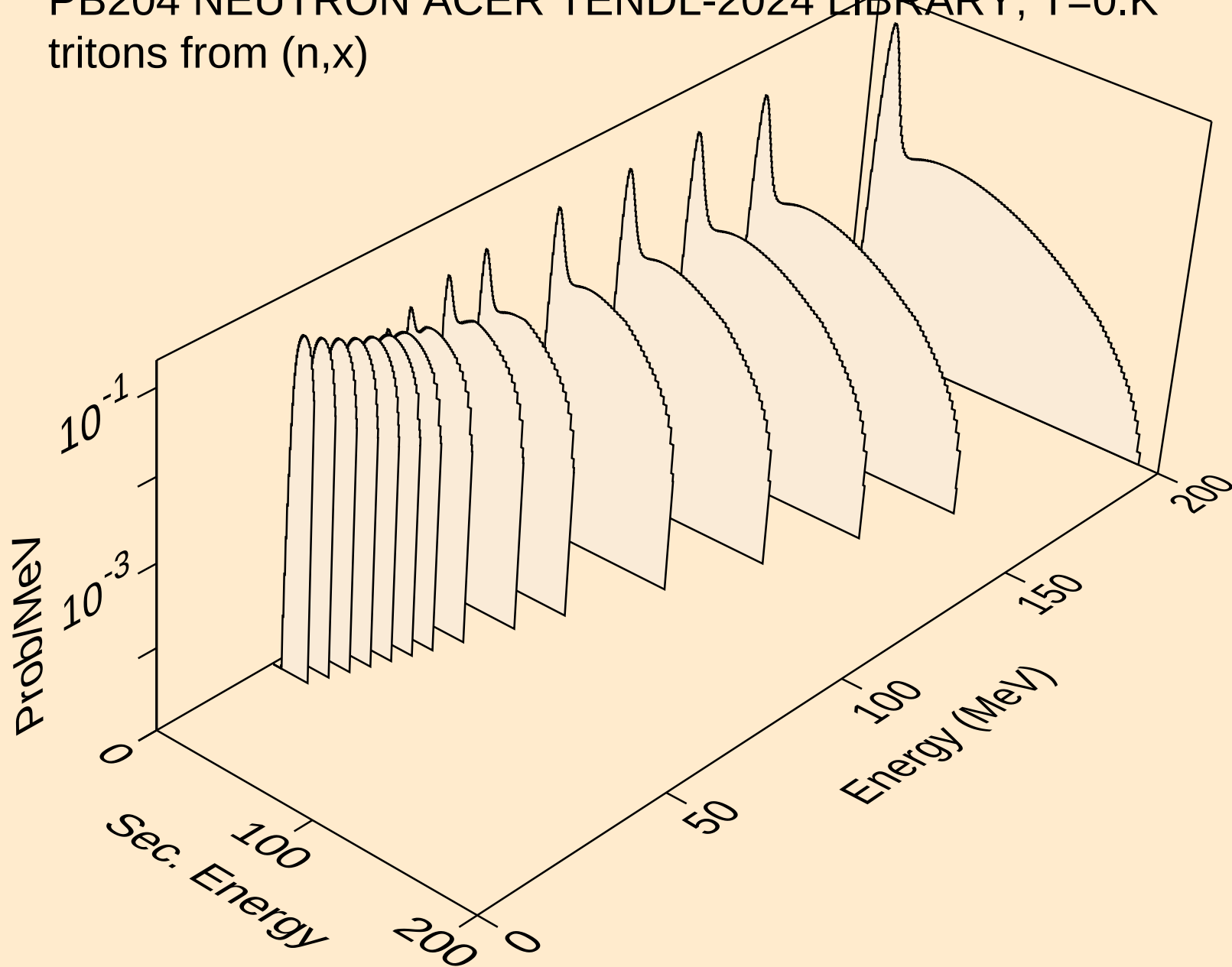
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deuterons from (n,d)



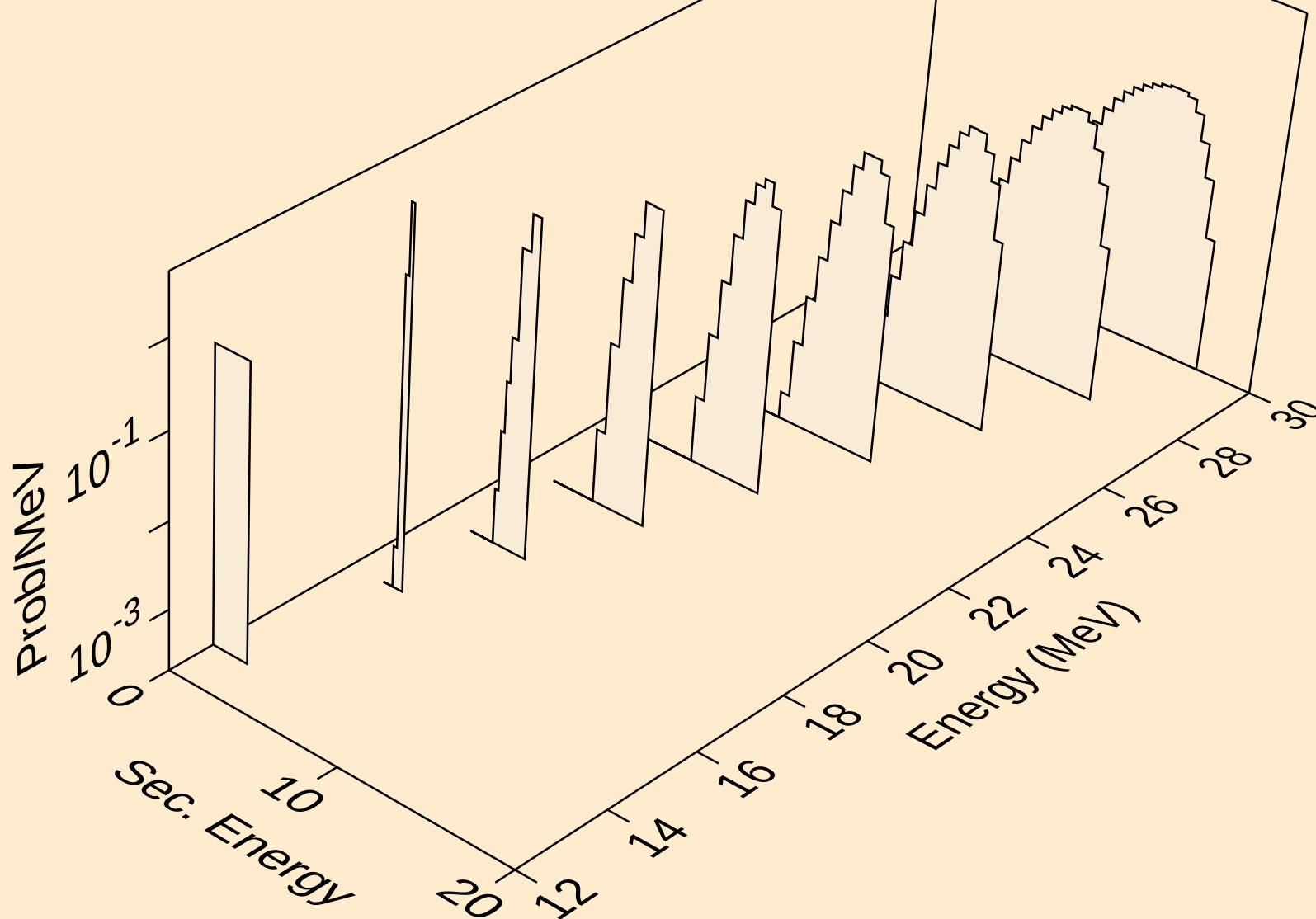
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deuterons from (n,pd)



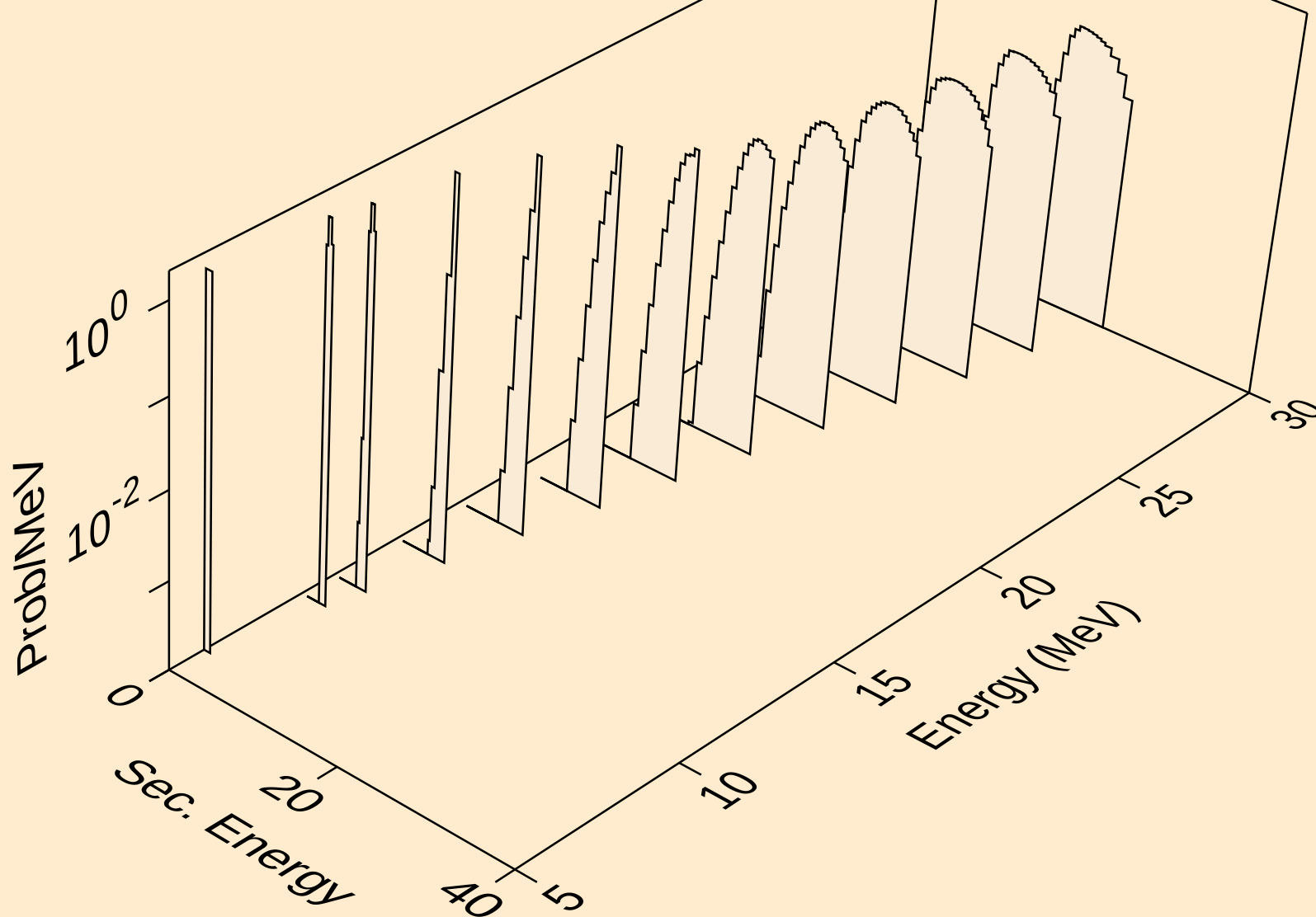
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tritons from (n,x)



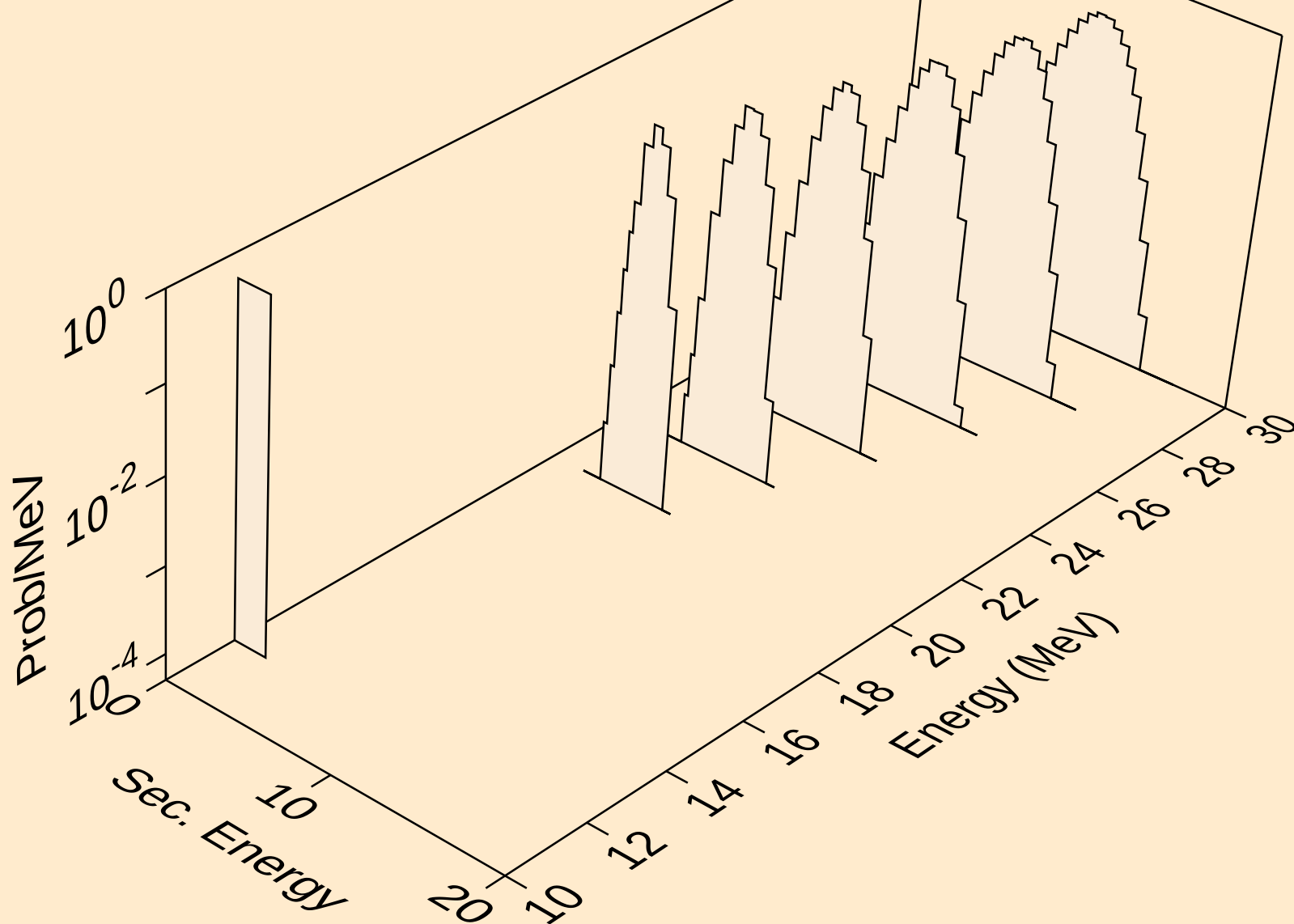
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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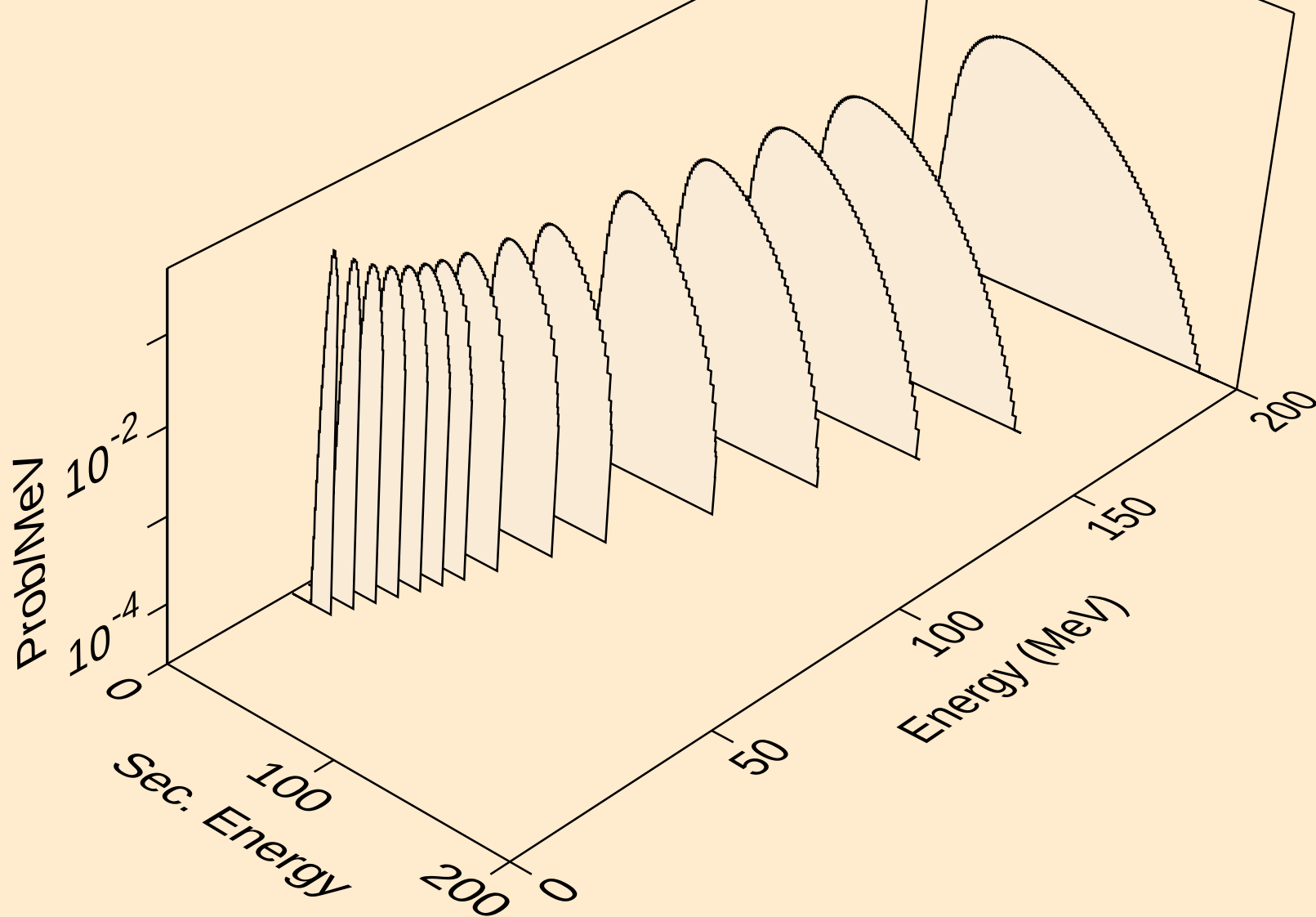
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tritons from (n,t)



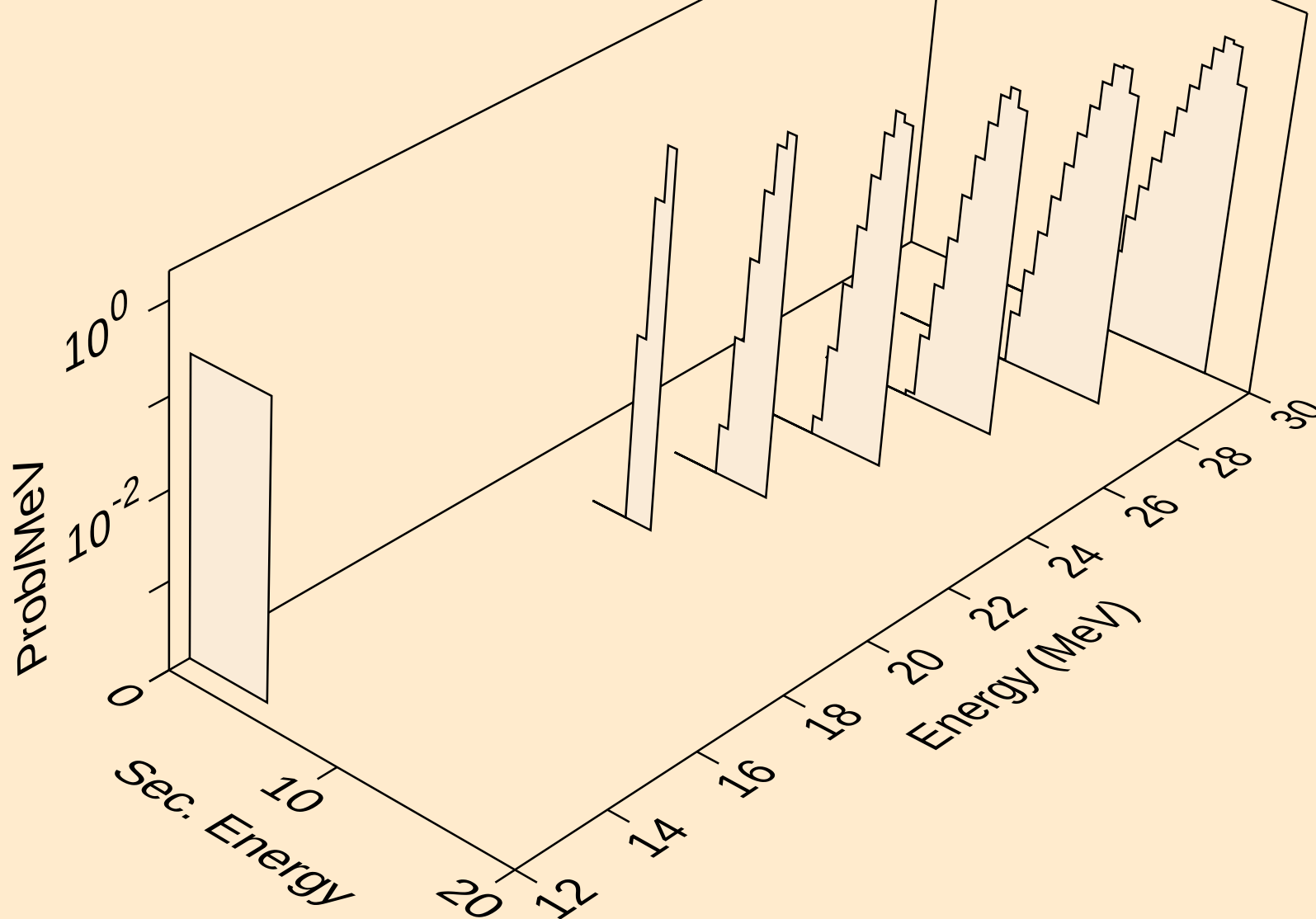
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tritons from (n,pt)



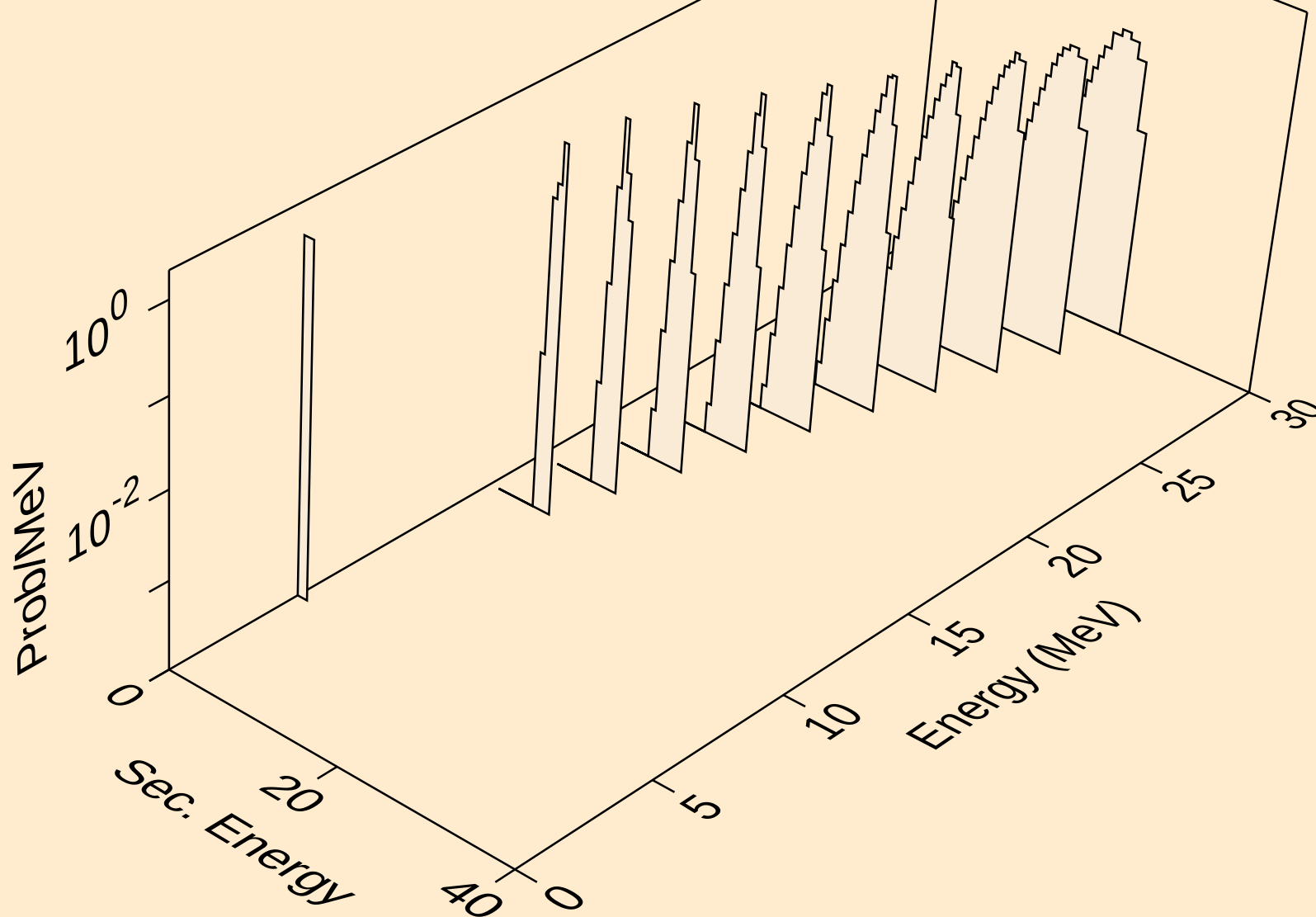
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



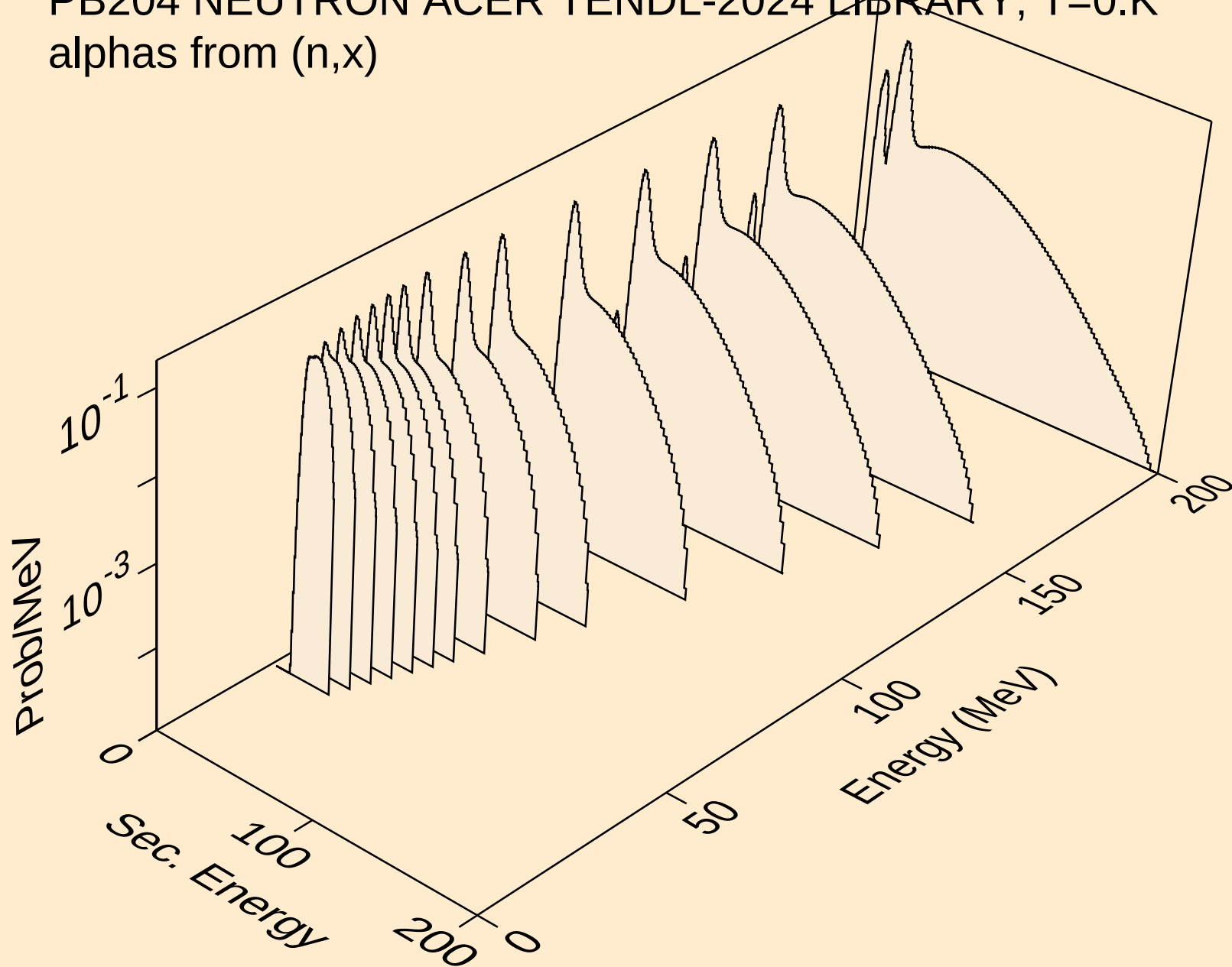
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



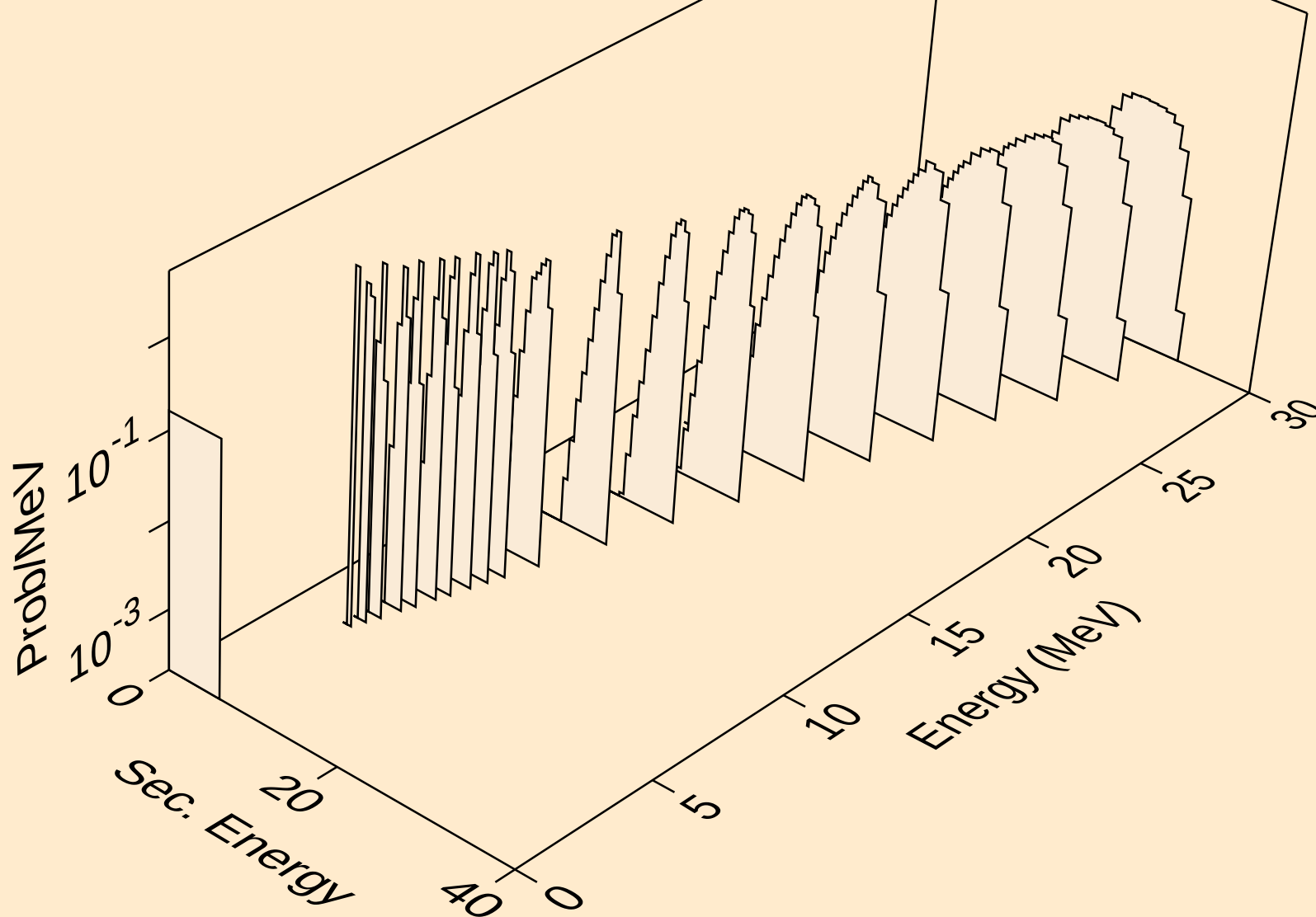
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



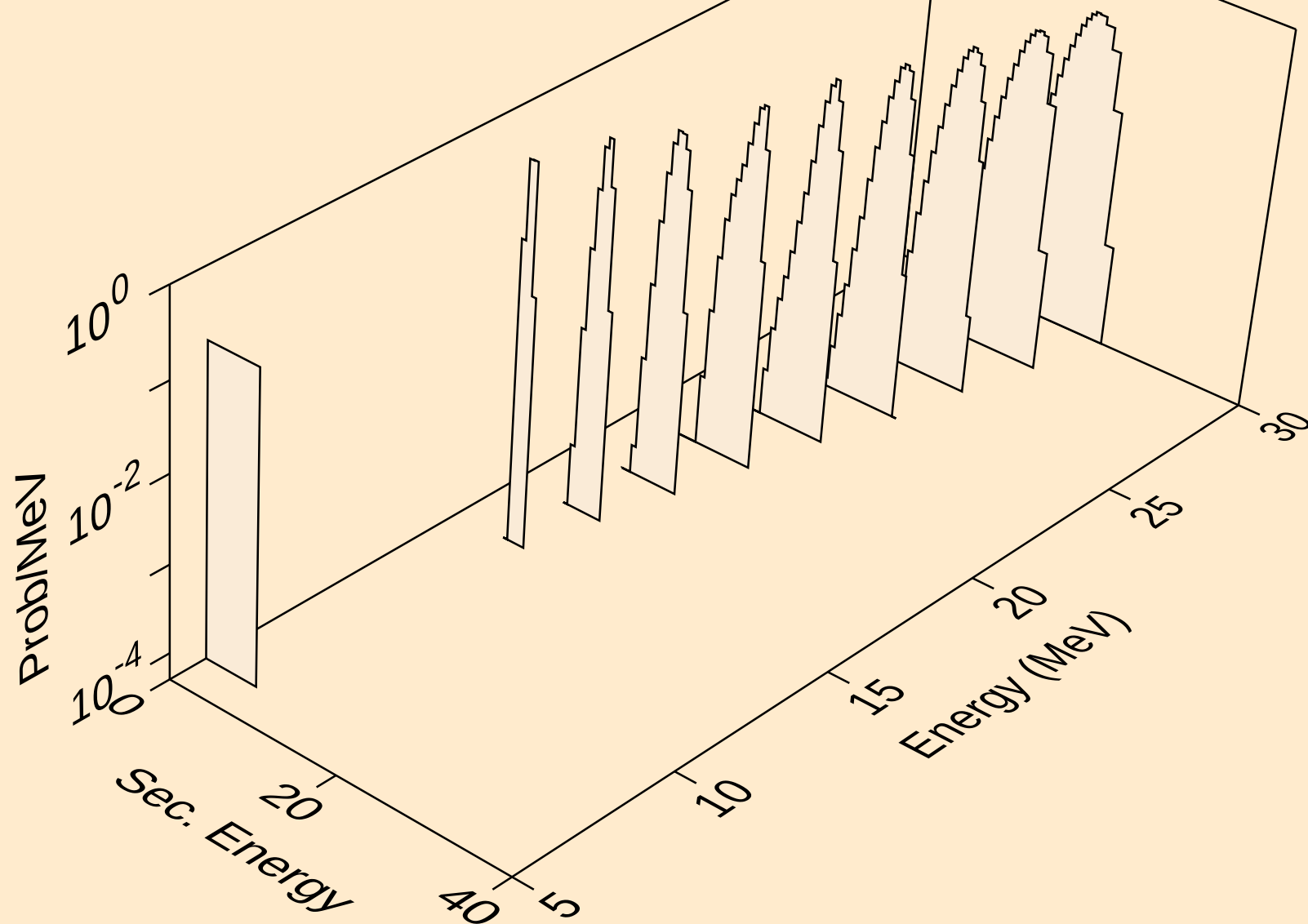
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



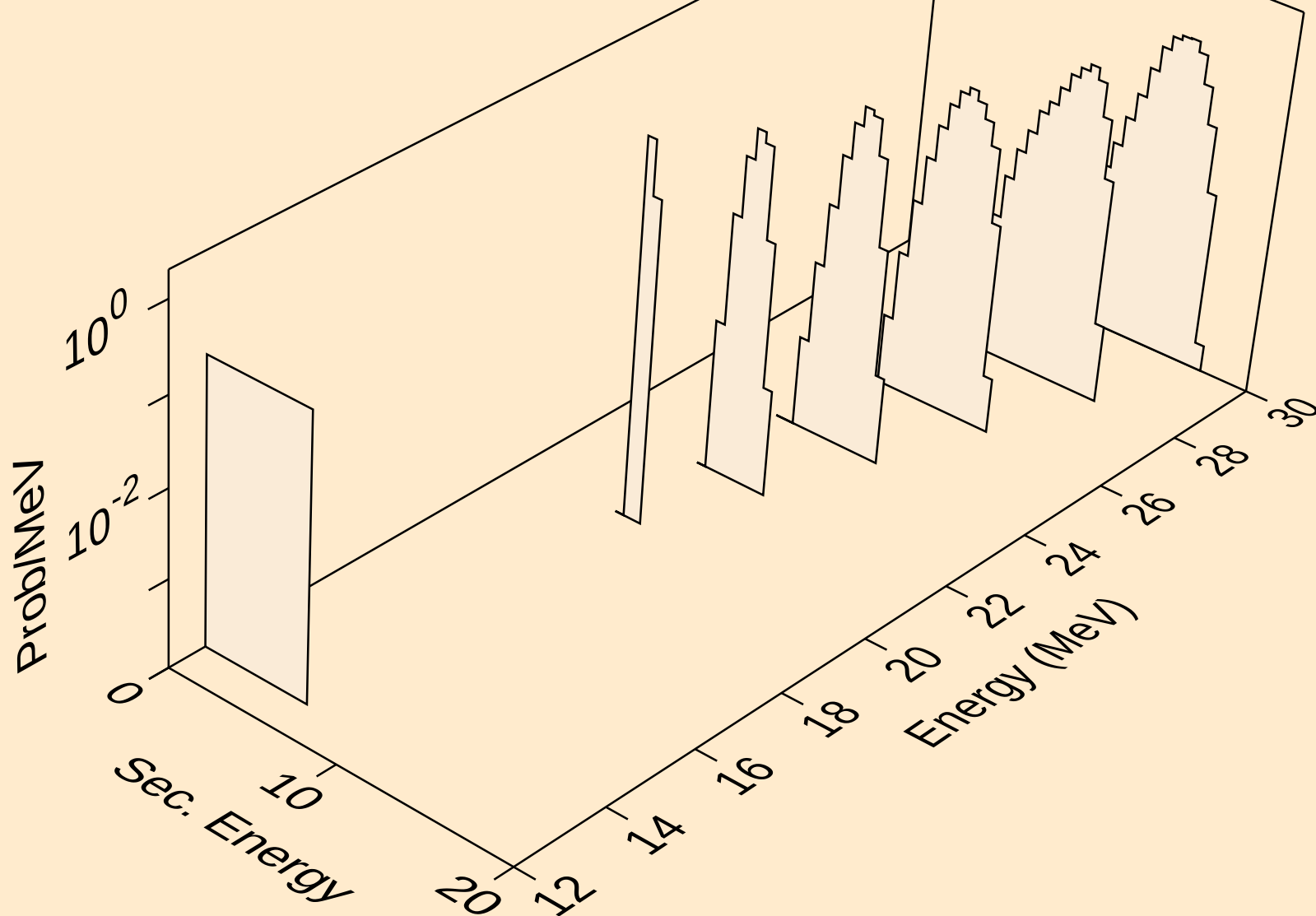
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



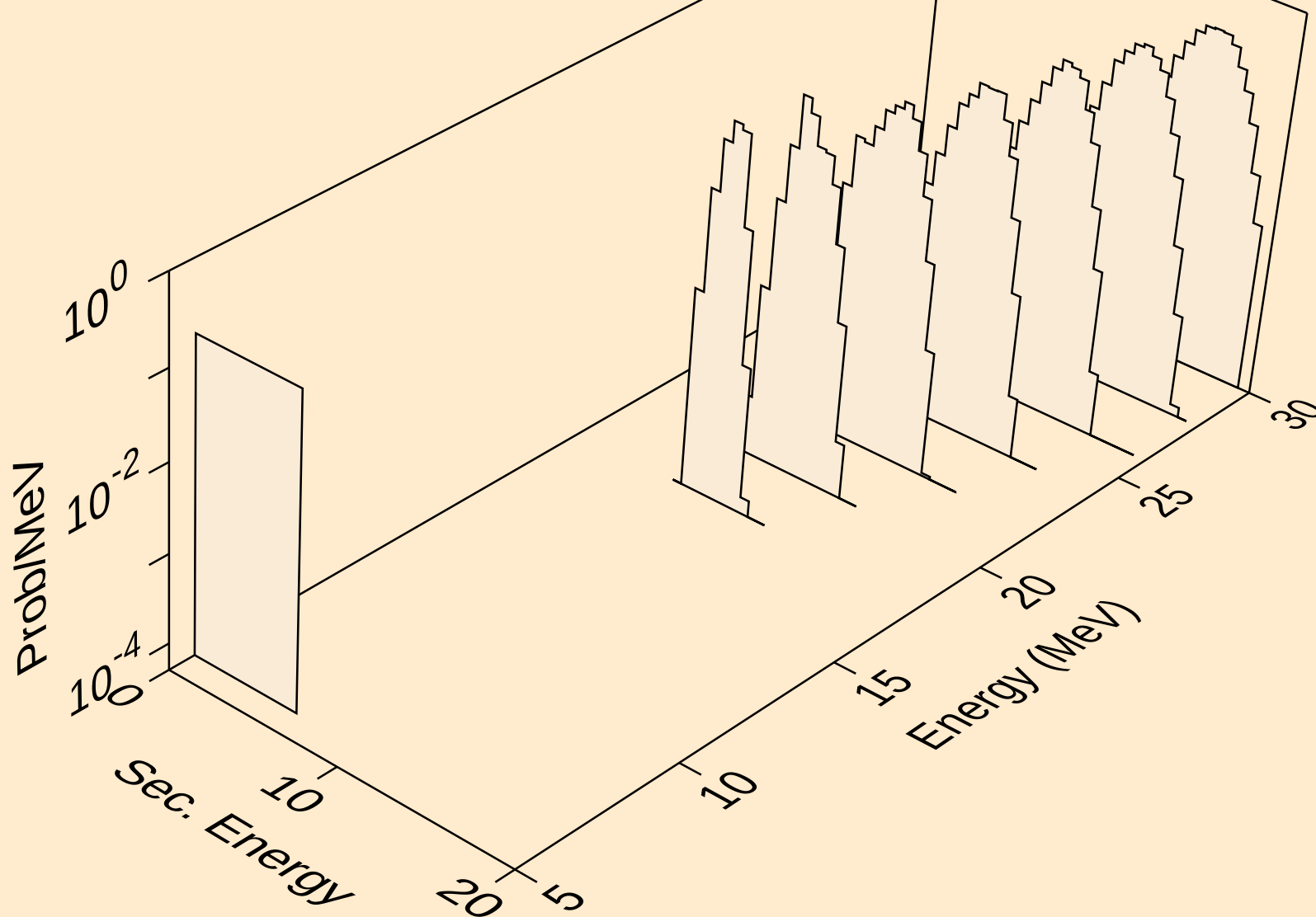
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



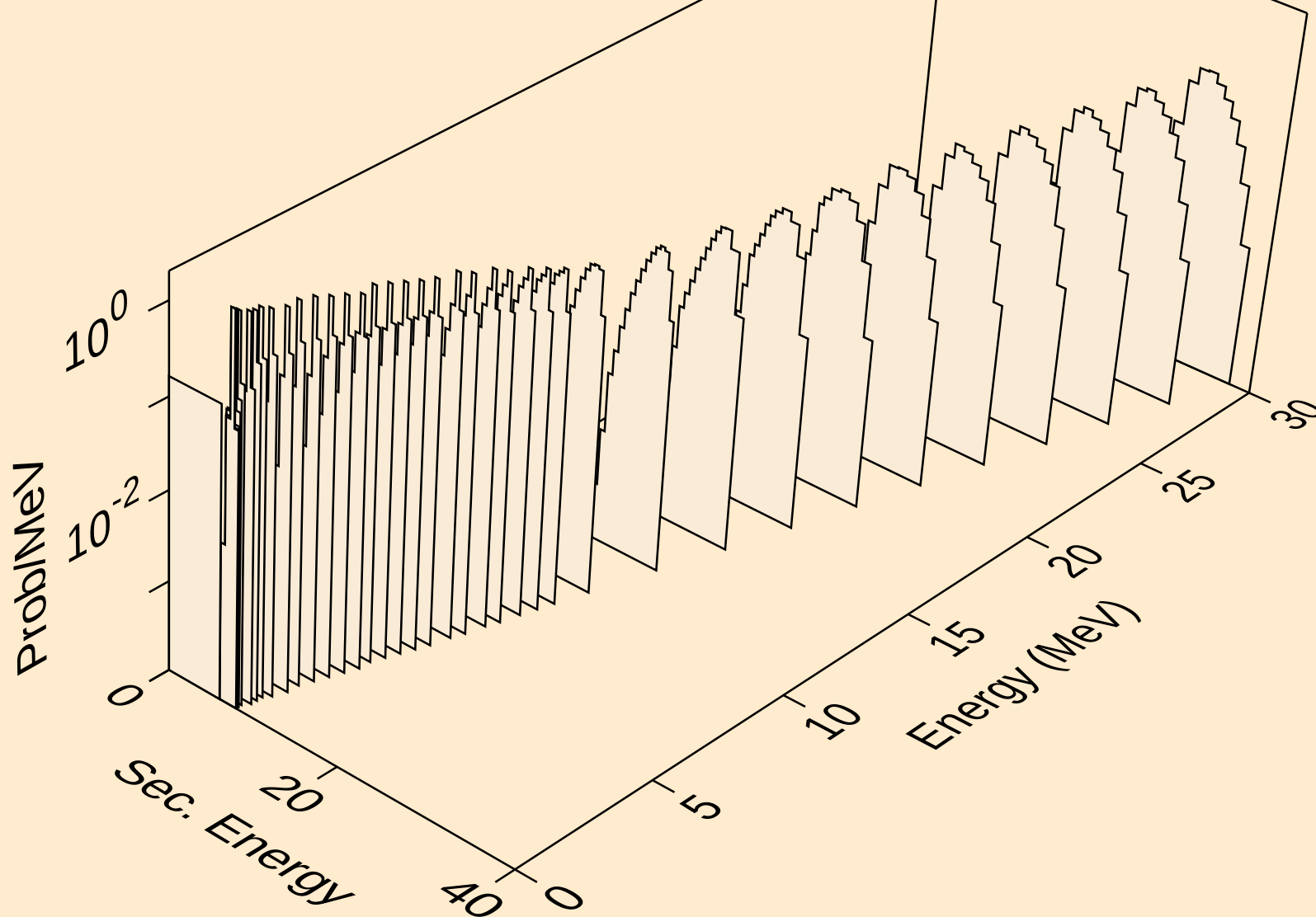
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



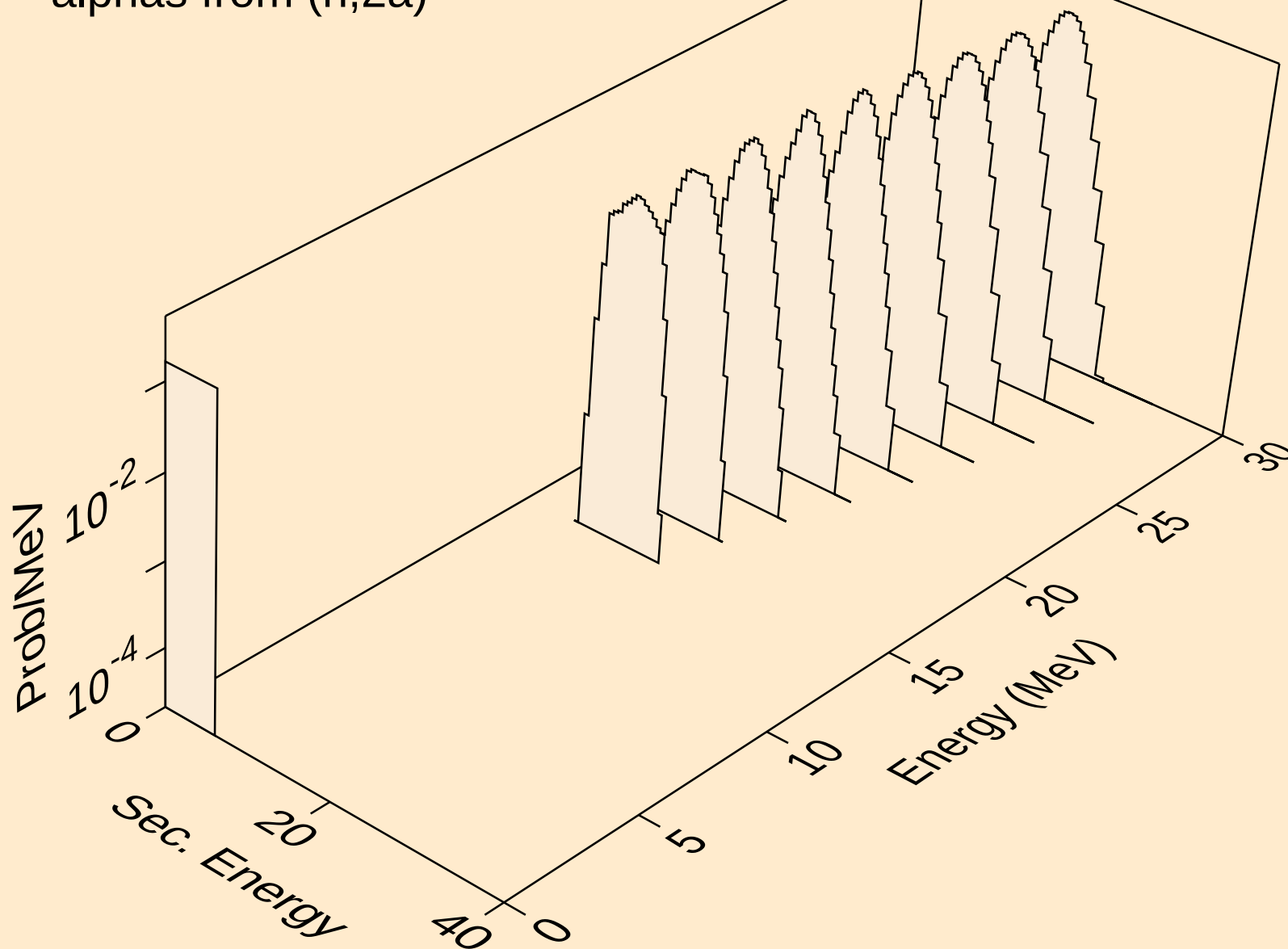
PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



PB204 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

