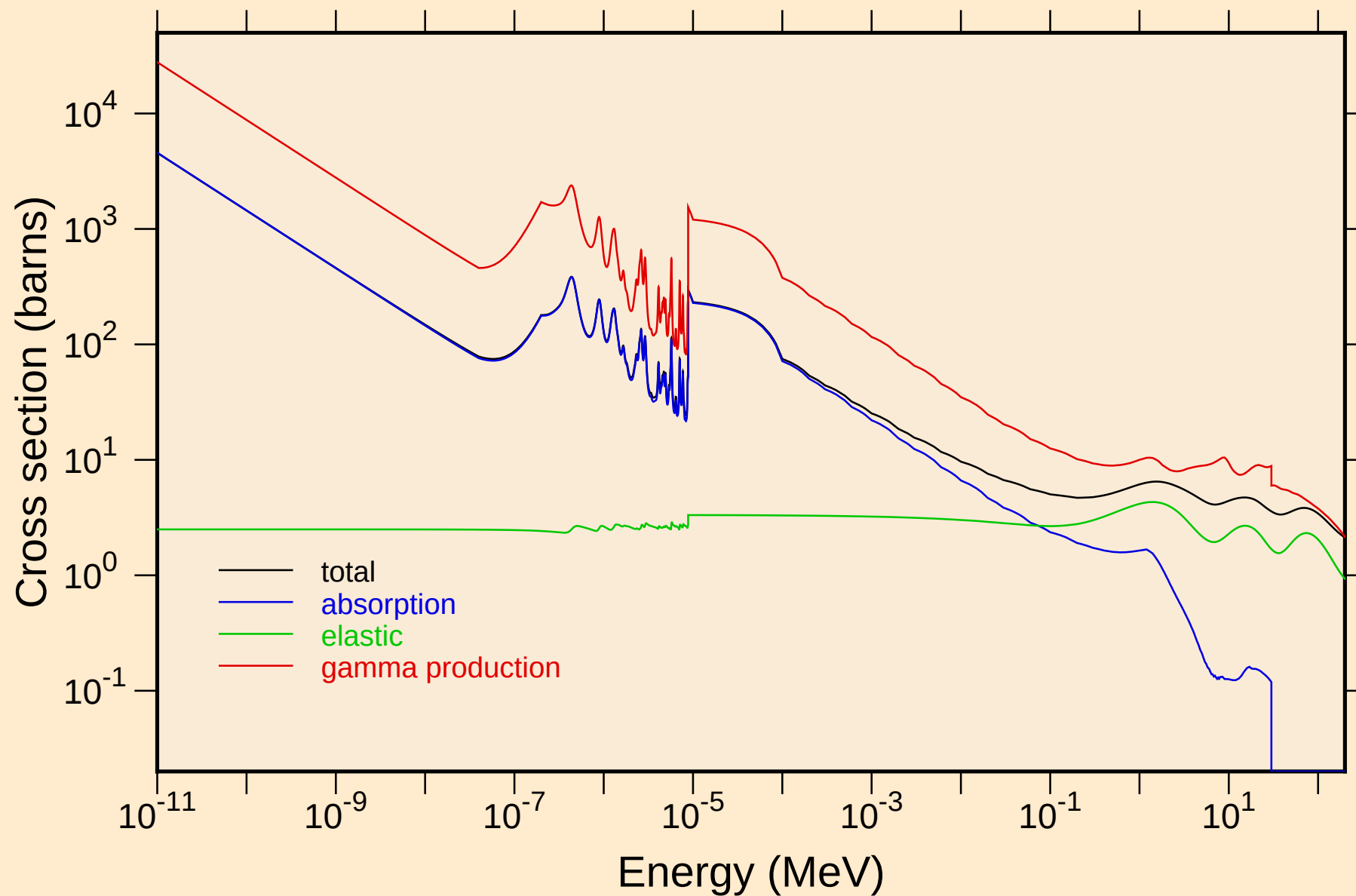
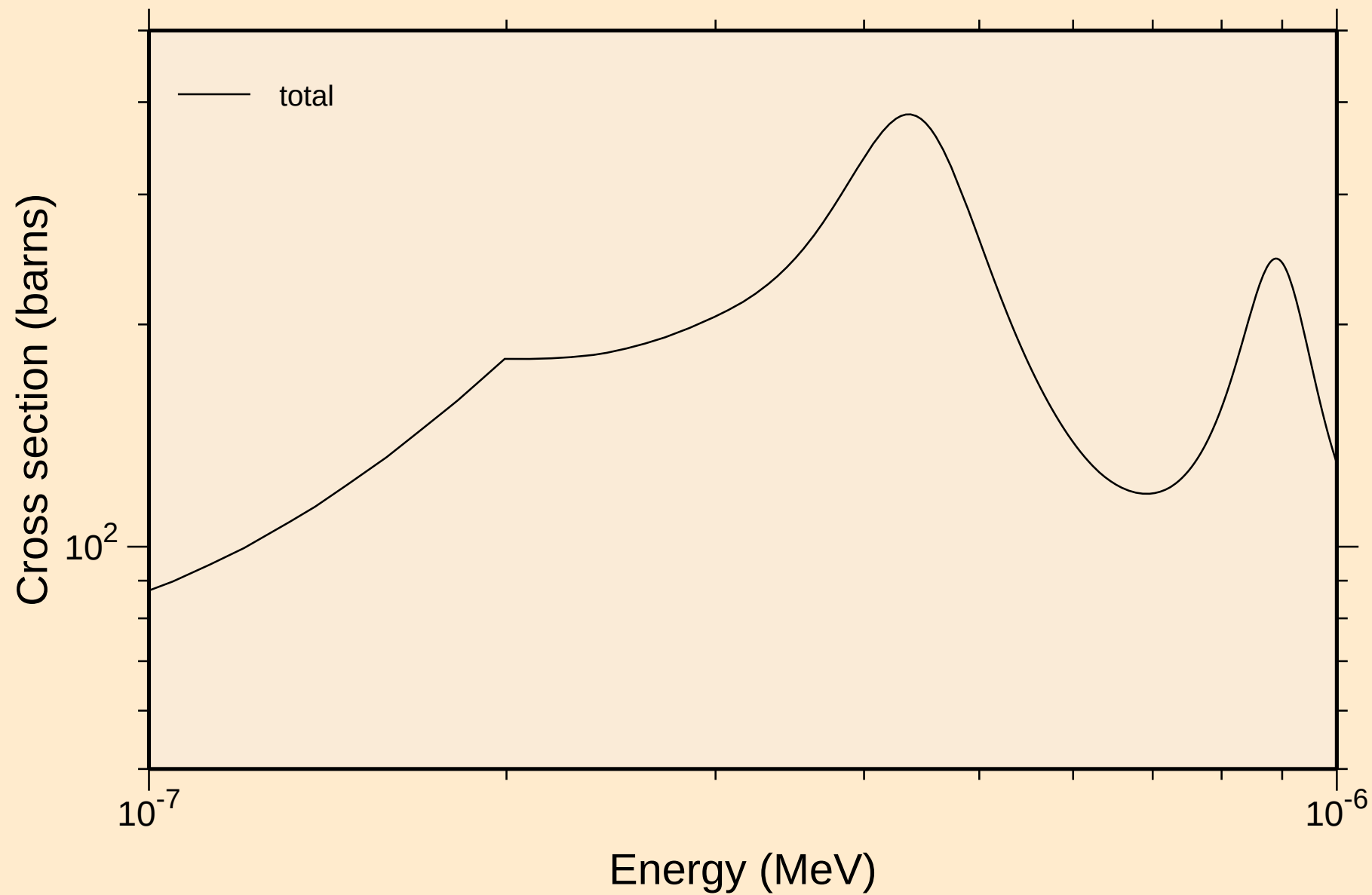


# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

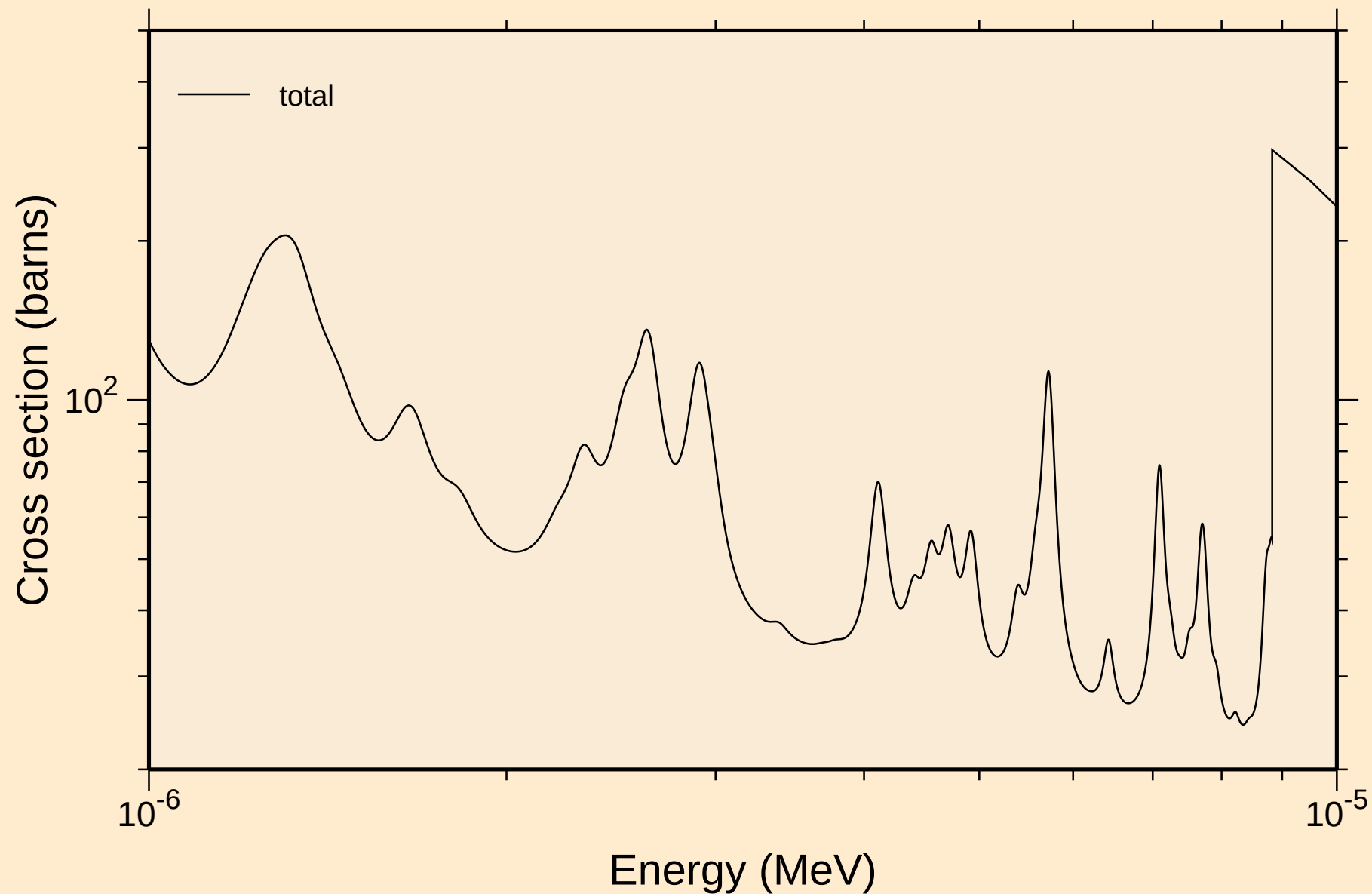
## Principal cross sections



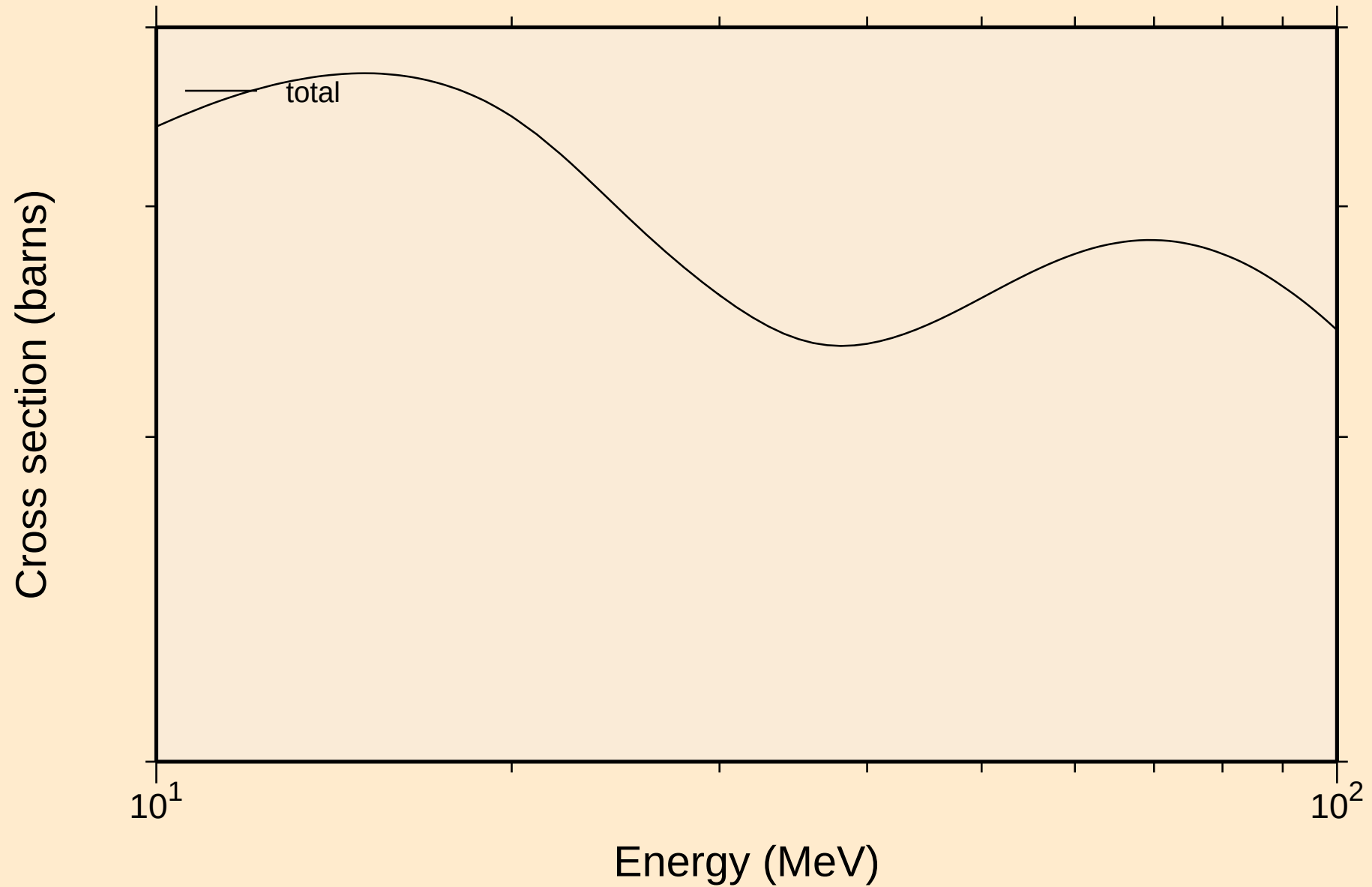
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



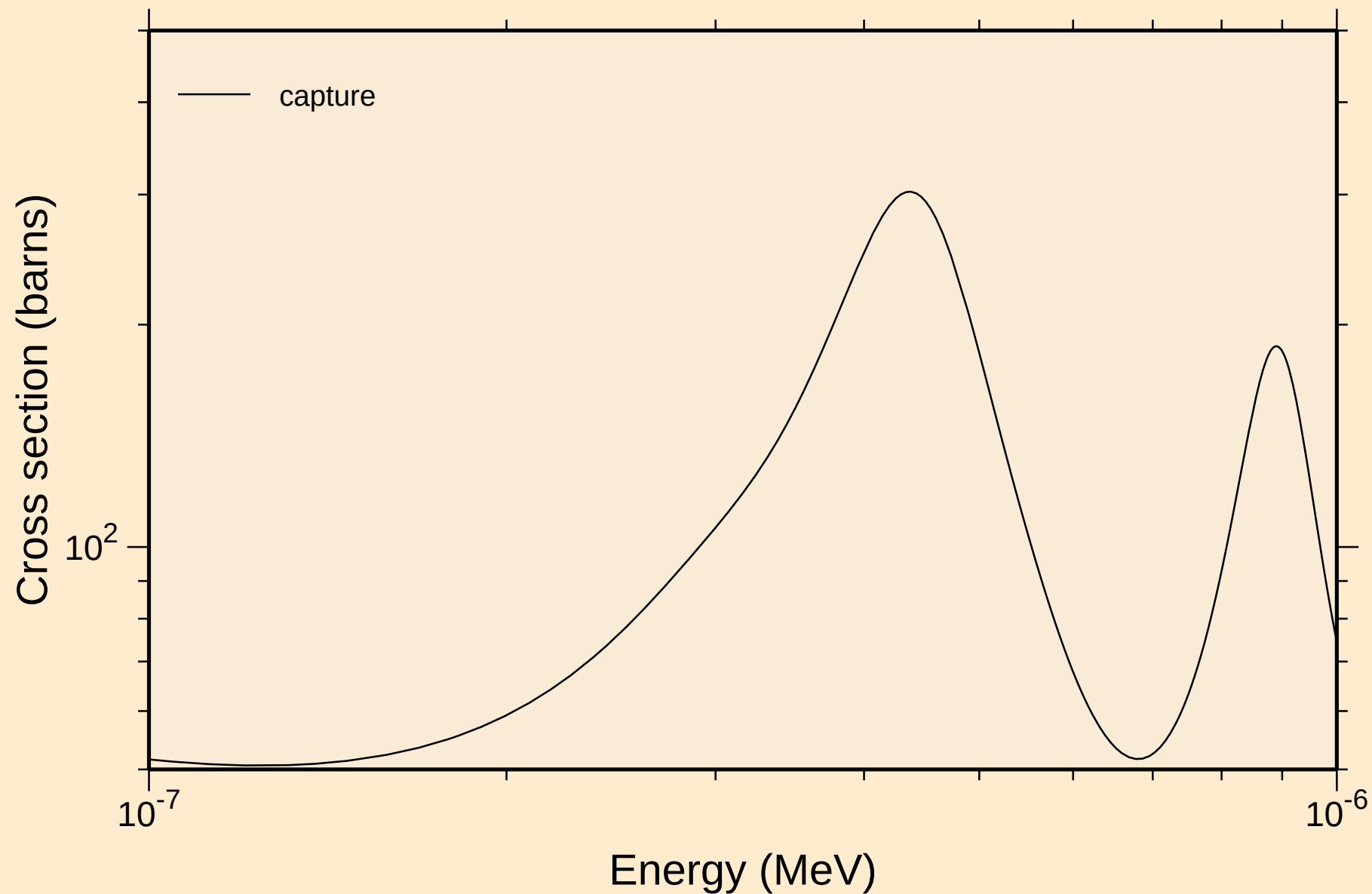
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



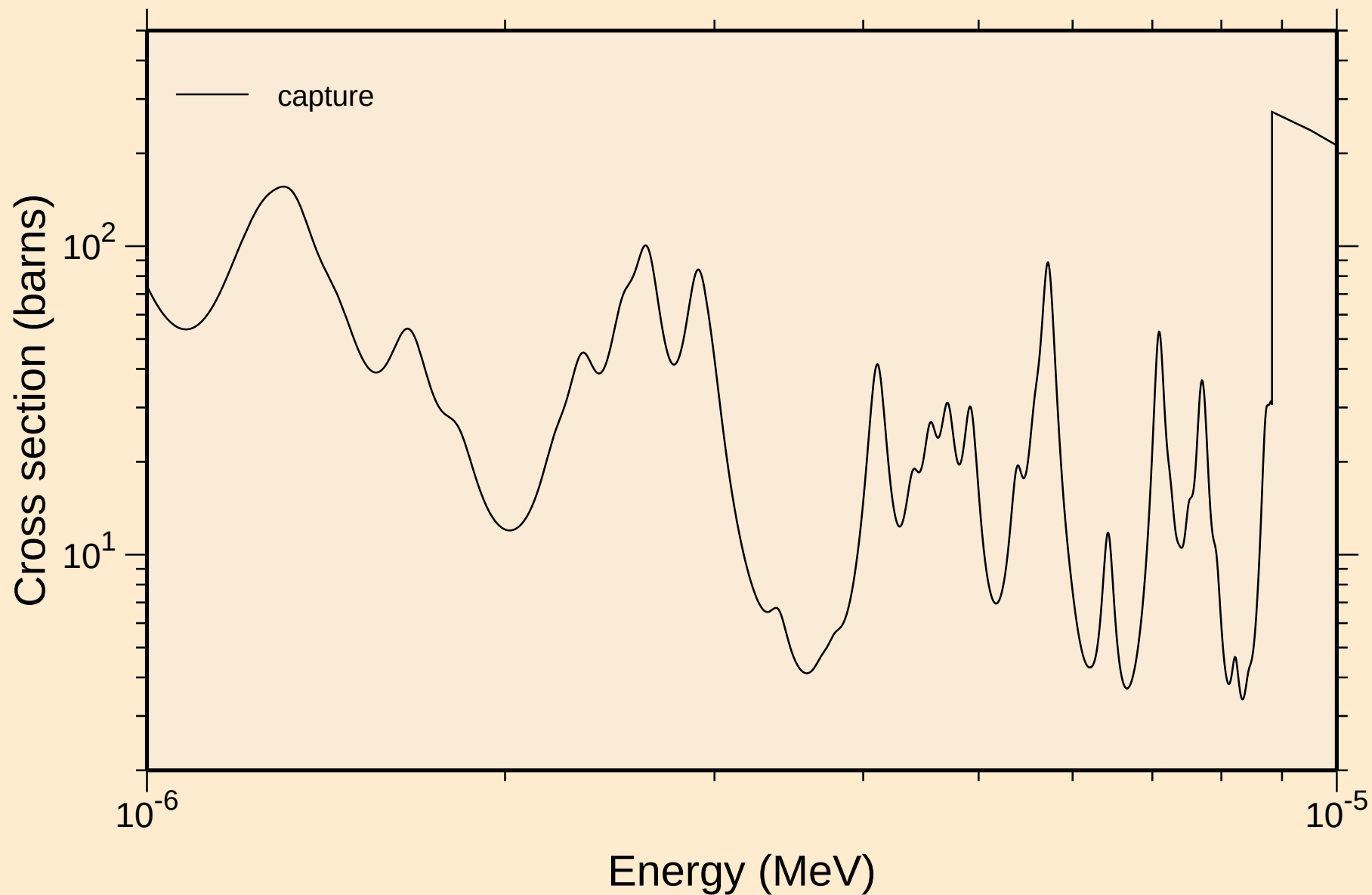
LÅ130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



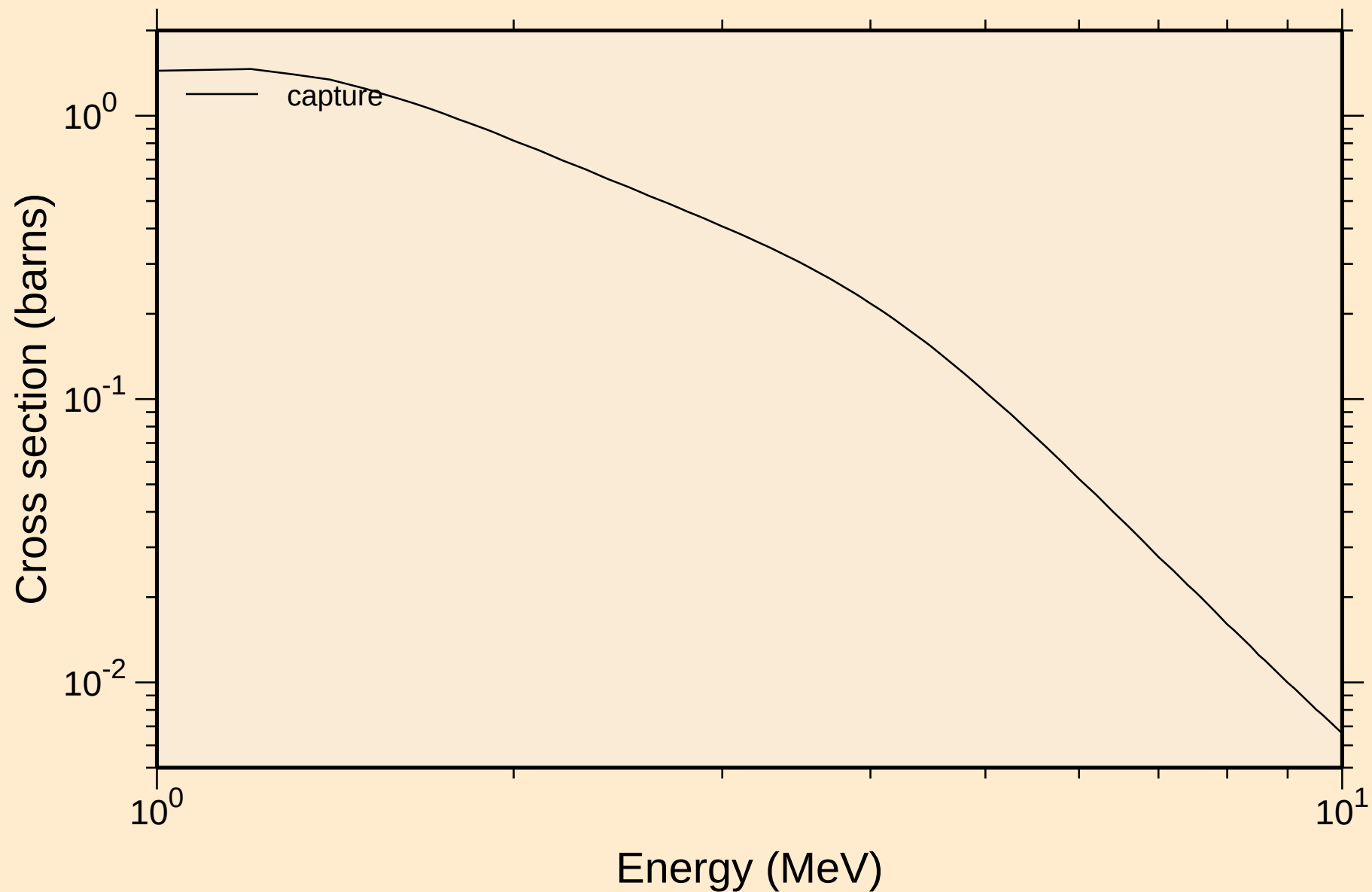
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

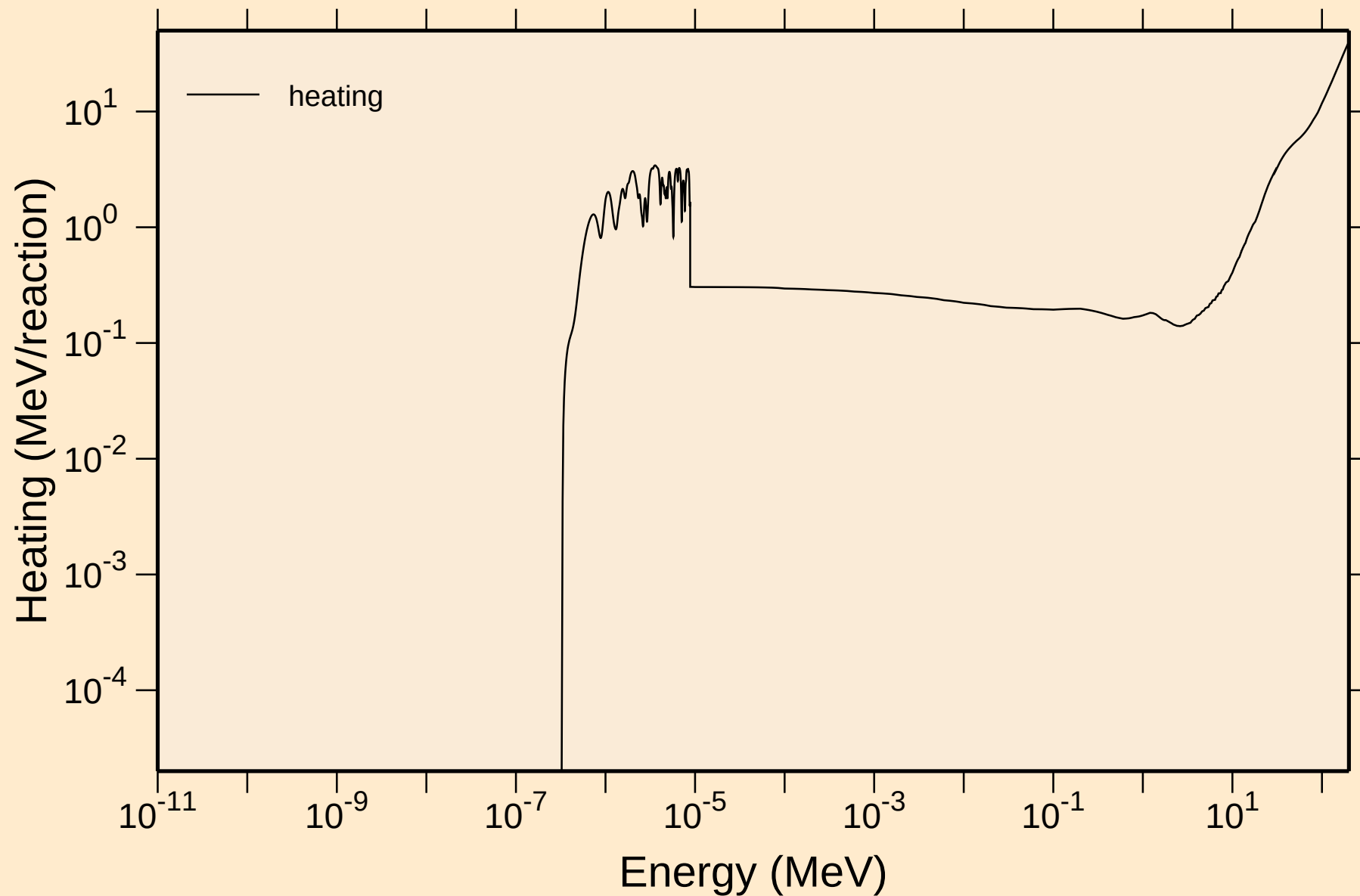


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

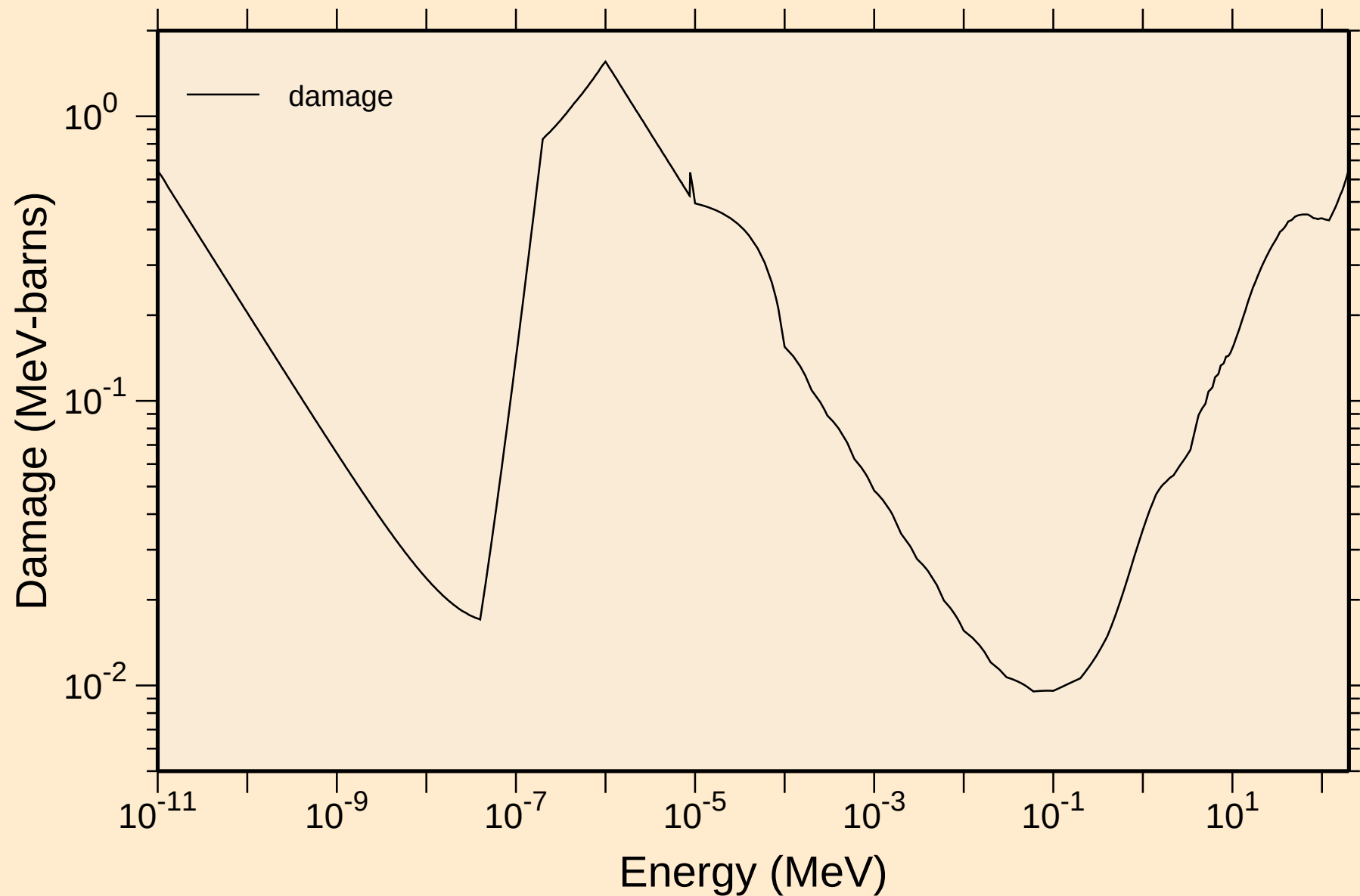
Heating



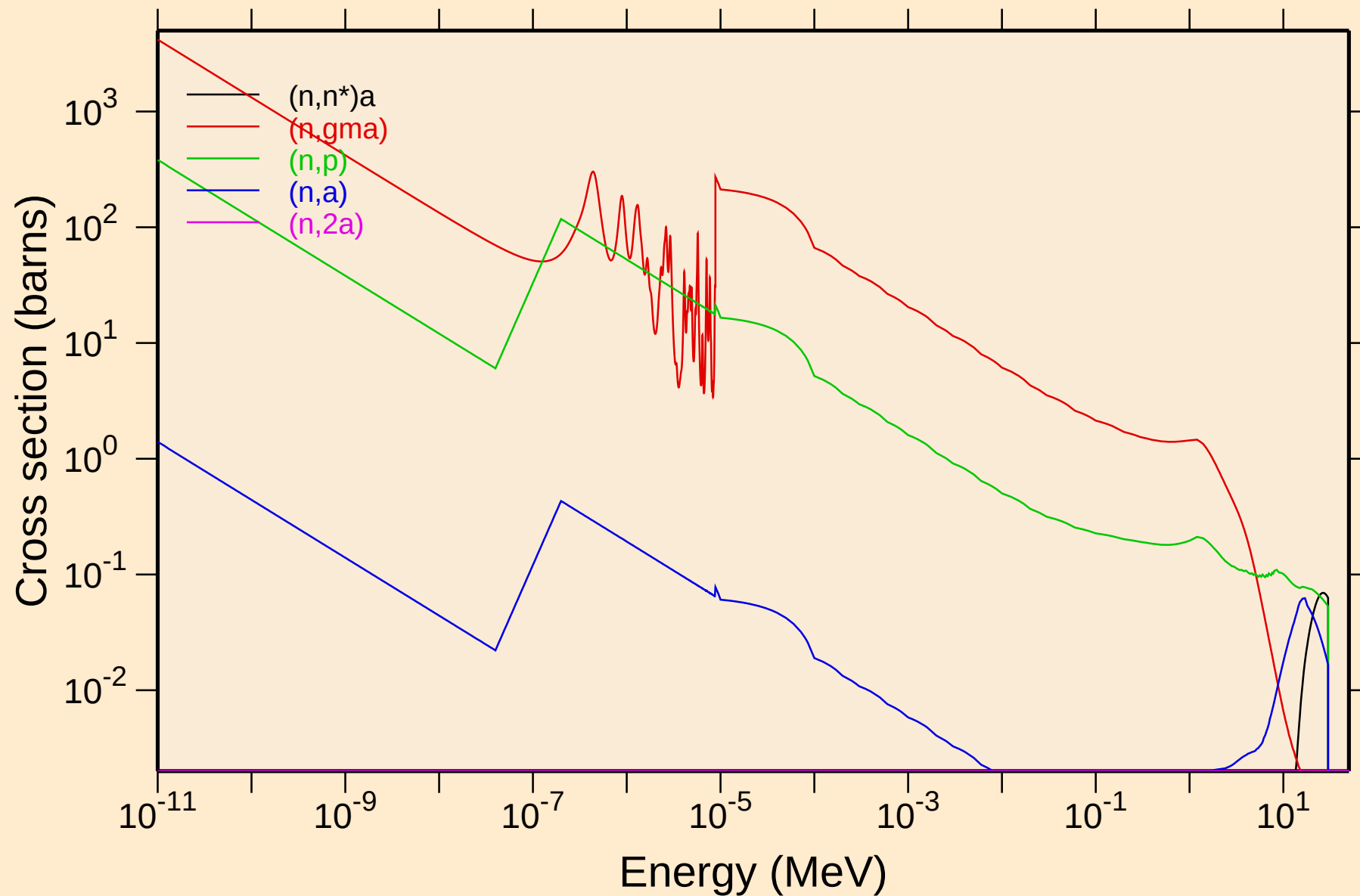


# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

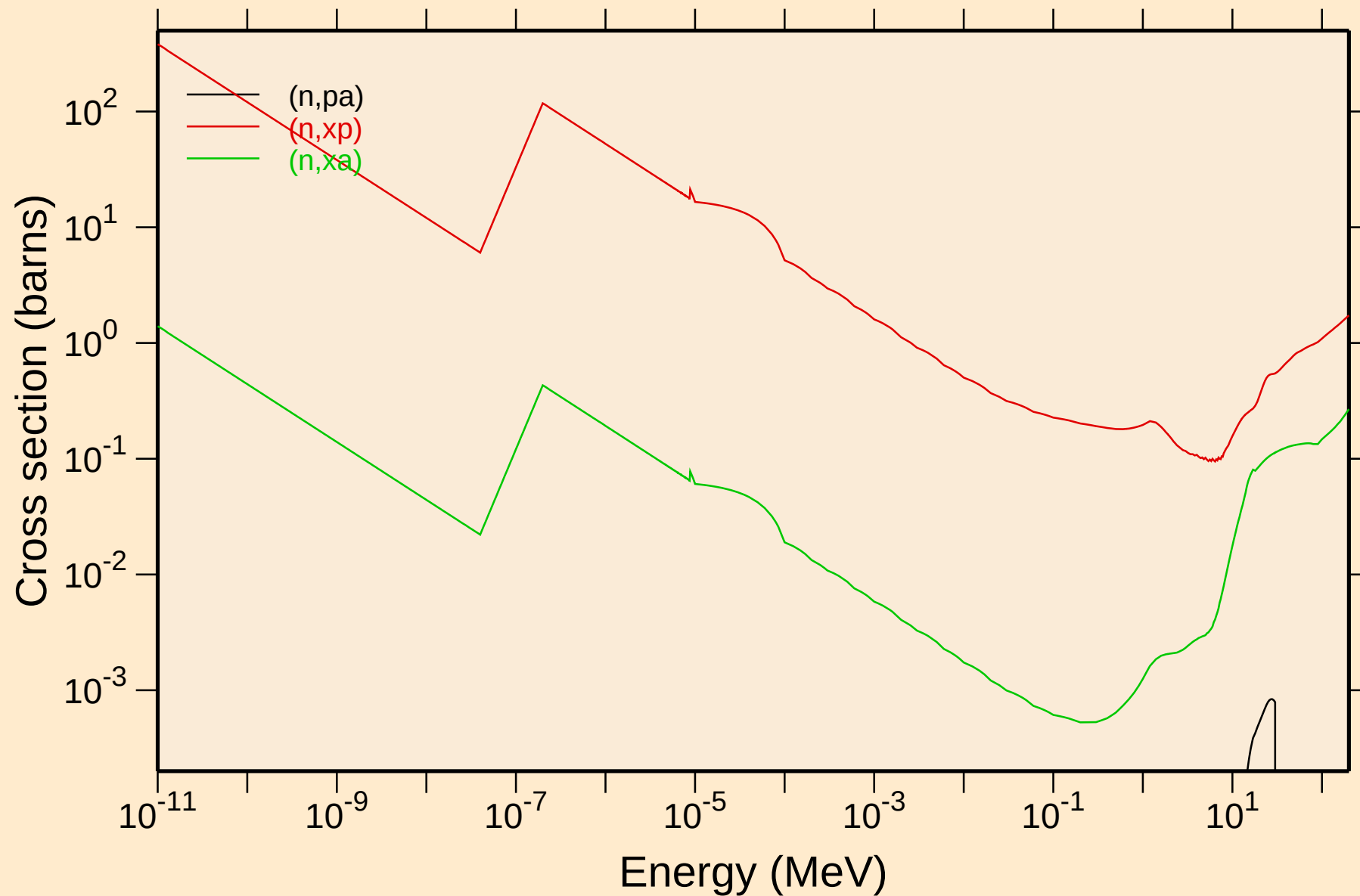
Damage



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

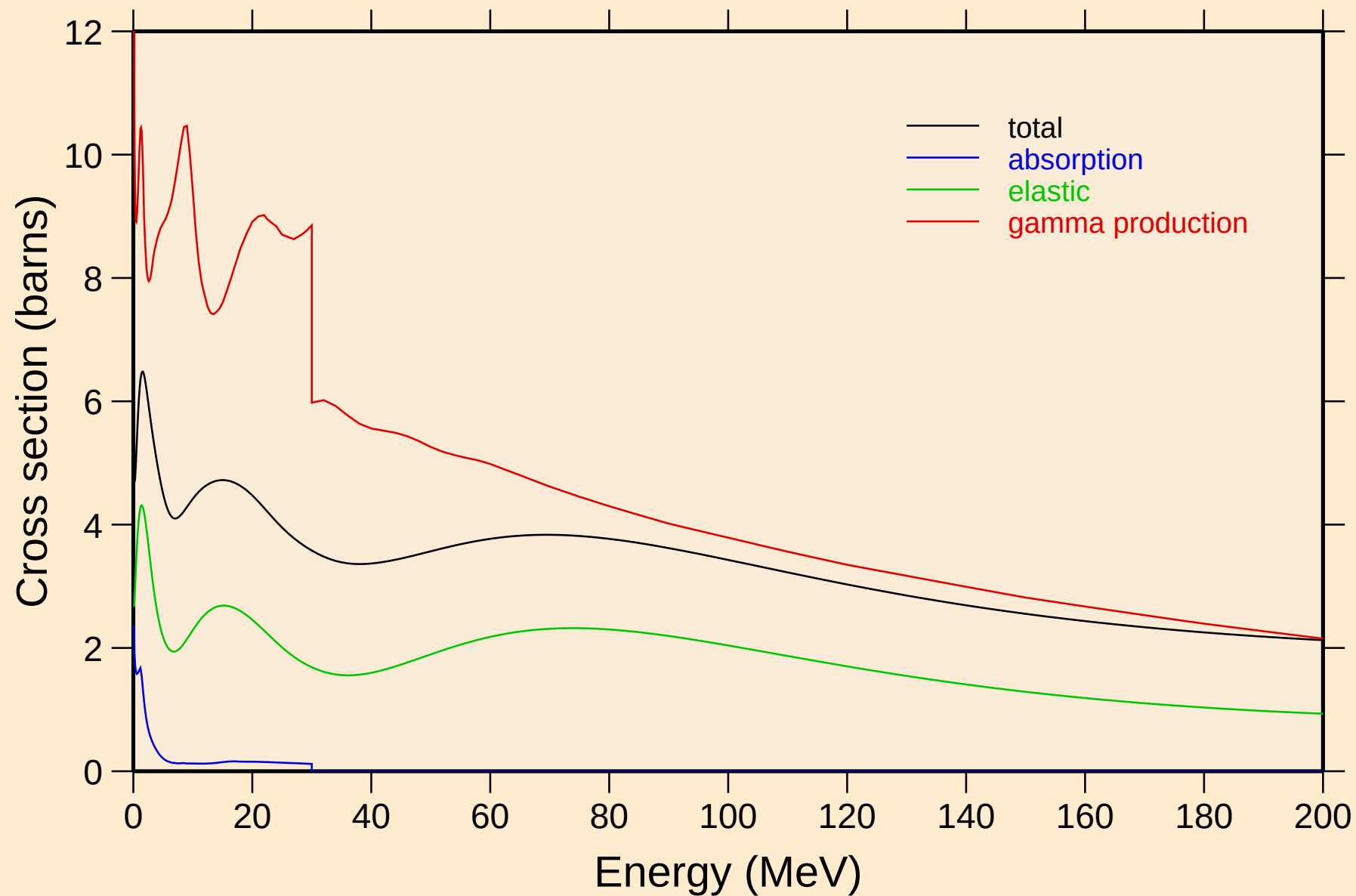


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



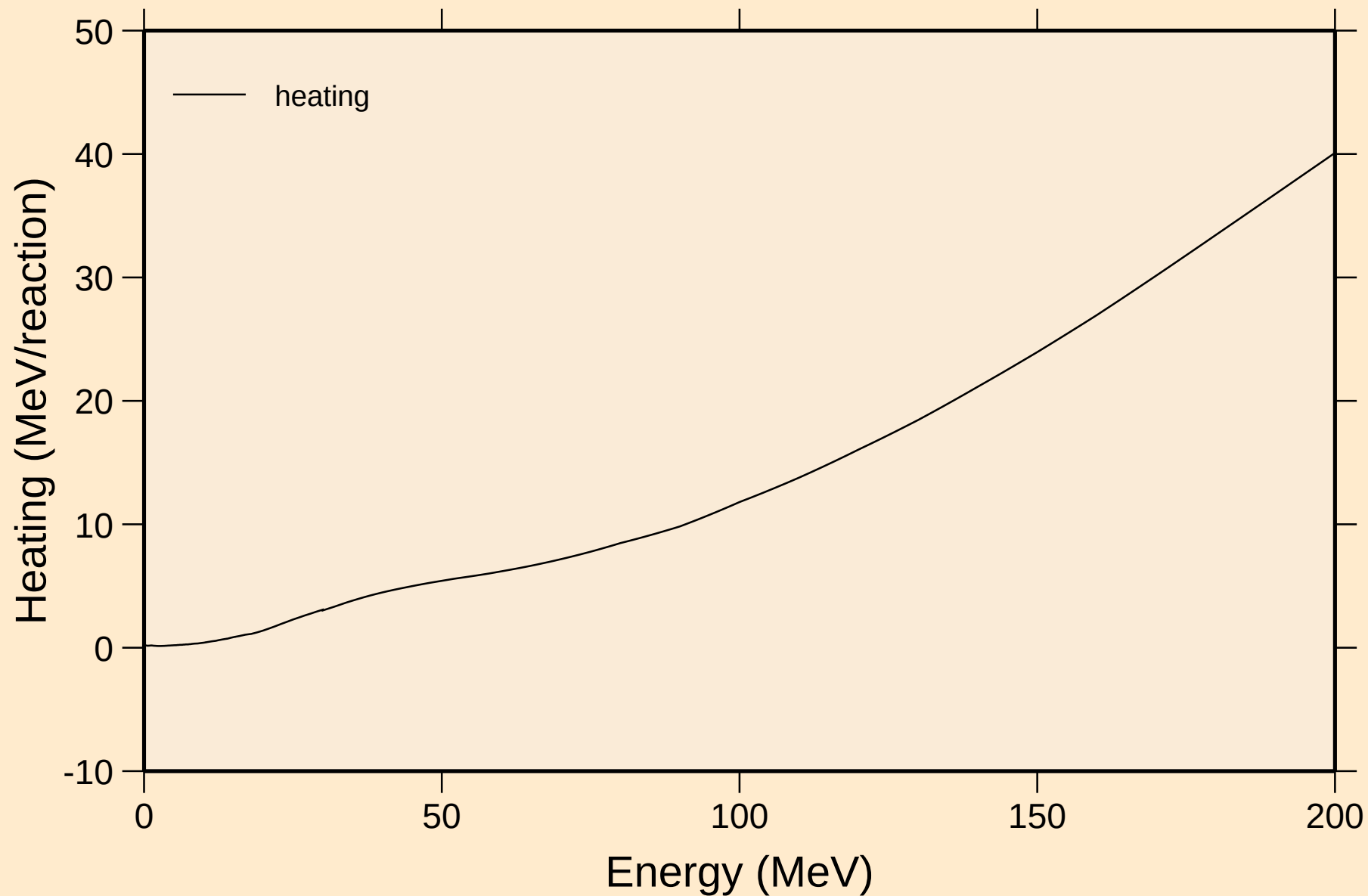
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



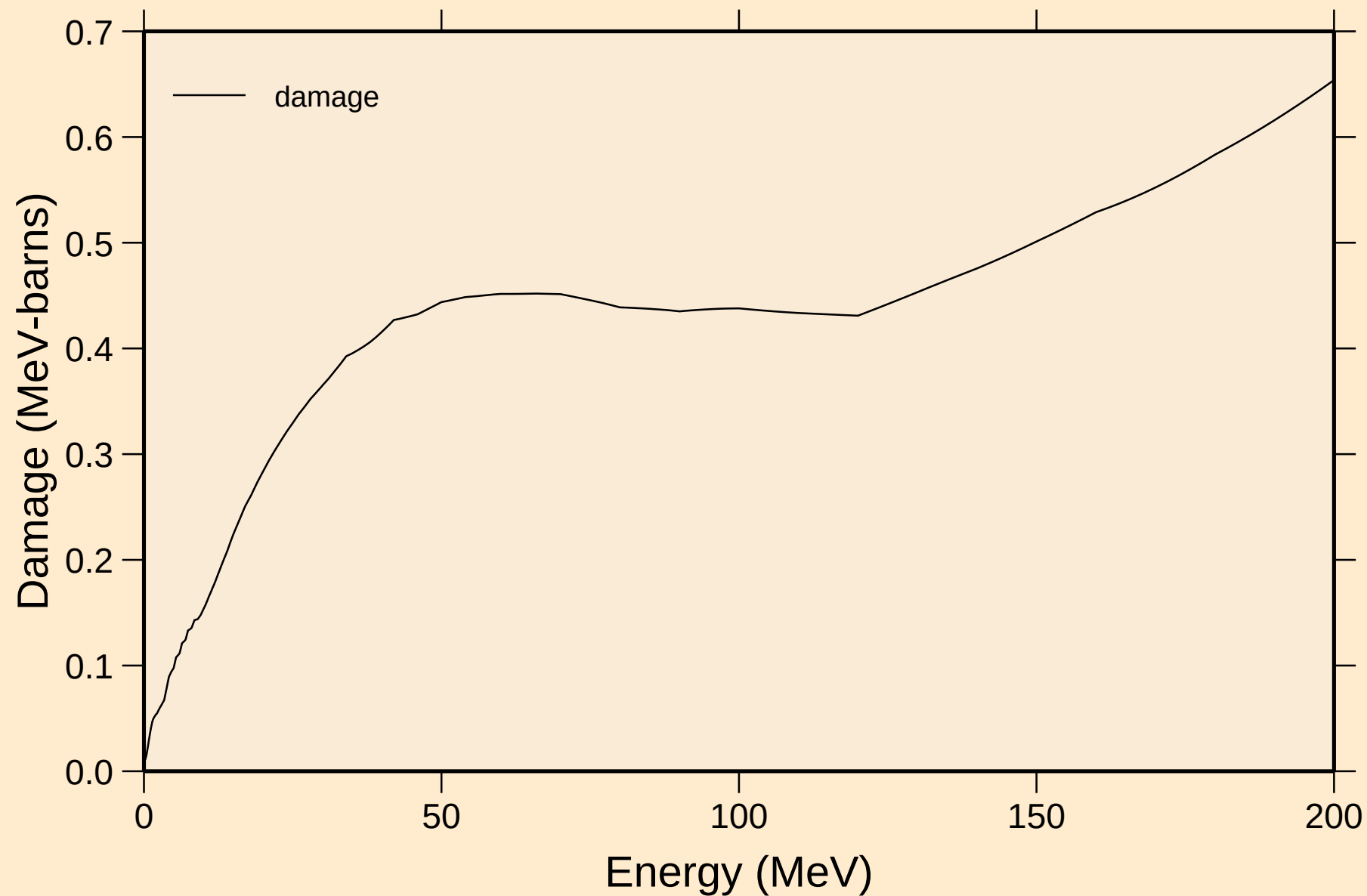
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

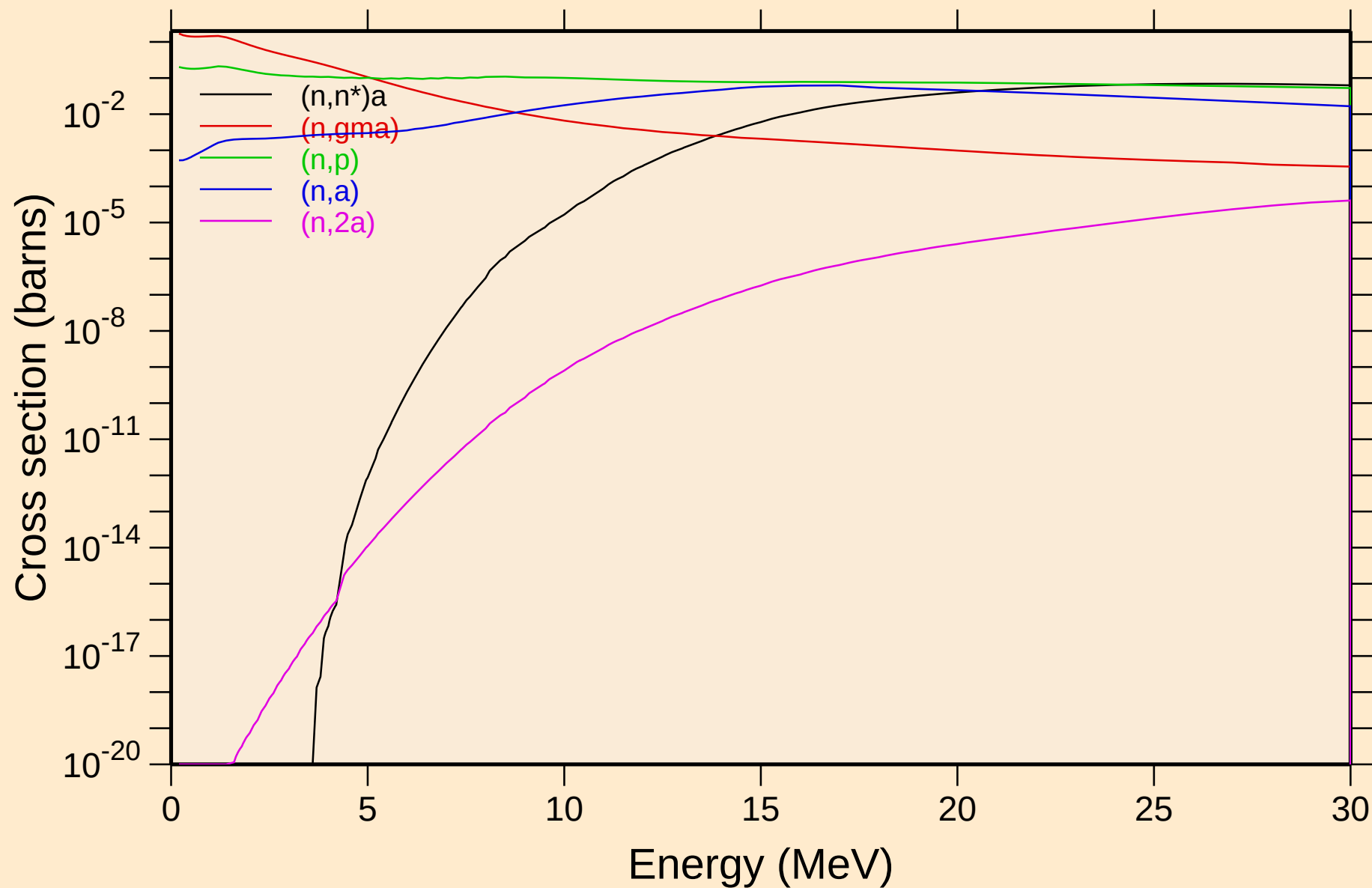


# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

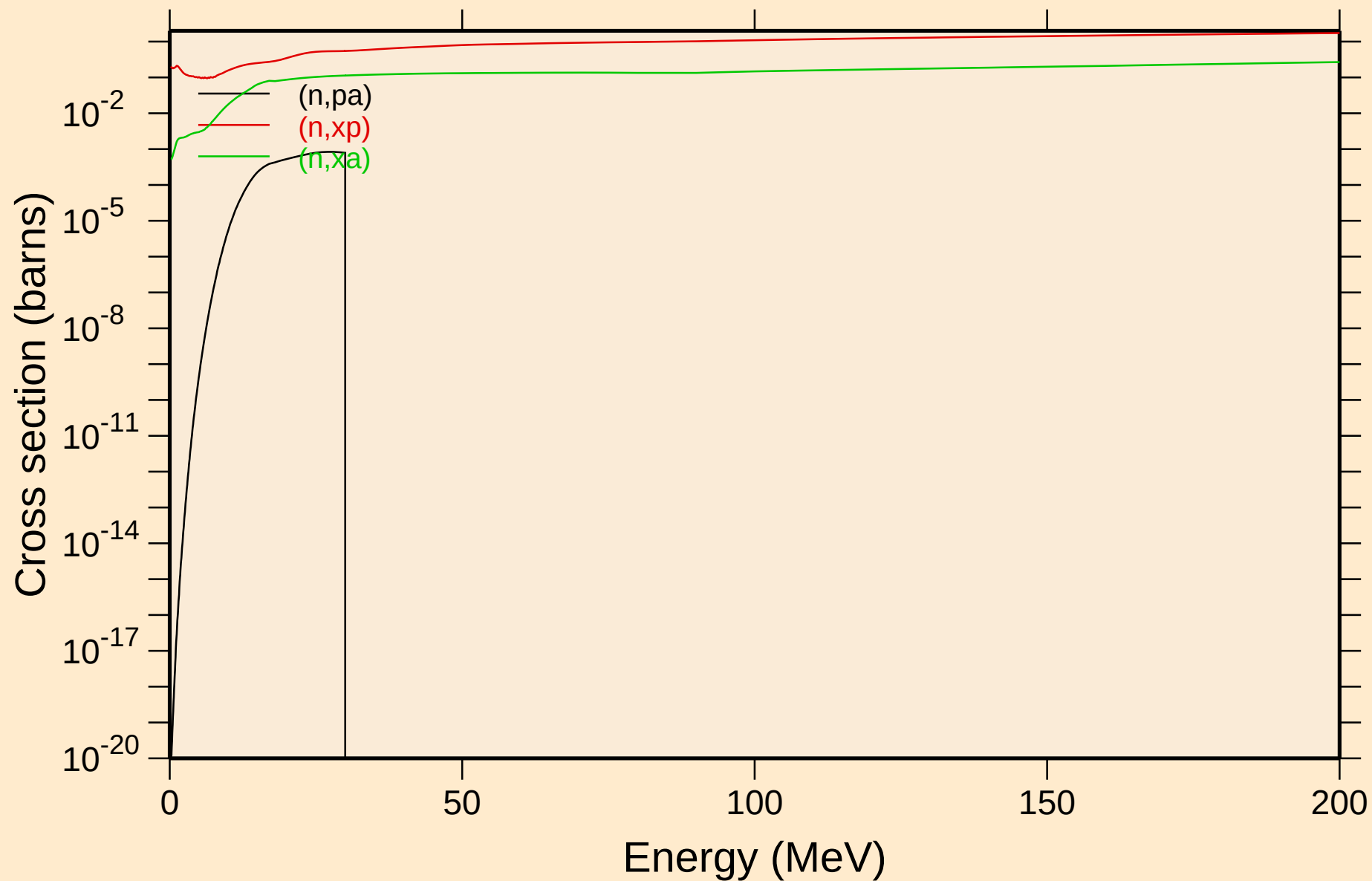


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

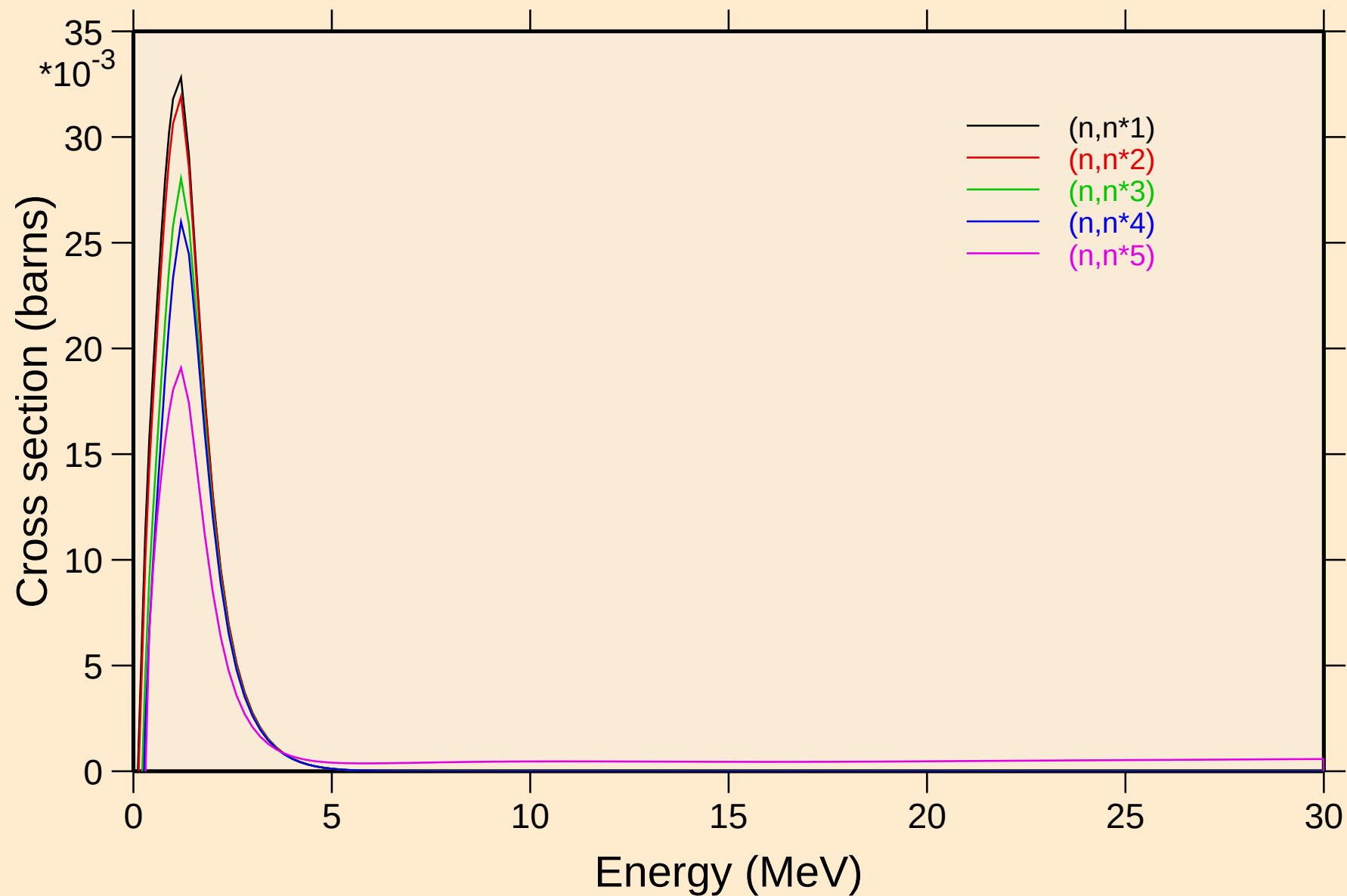
Non-threshold reactions





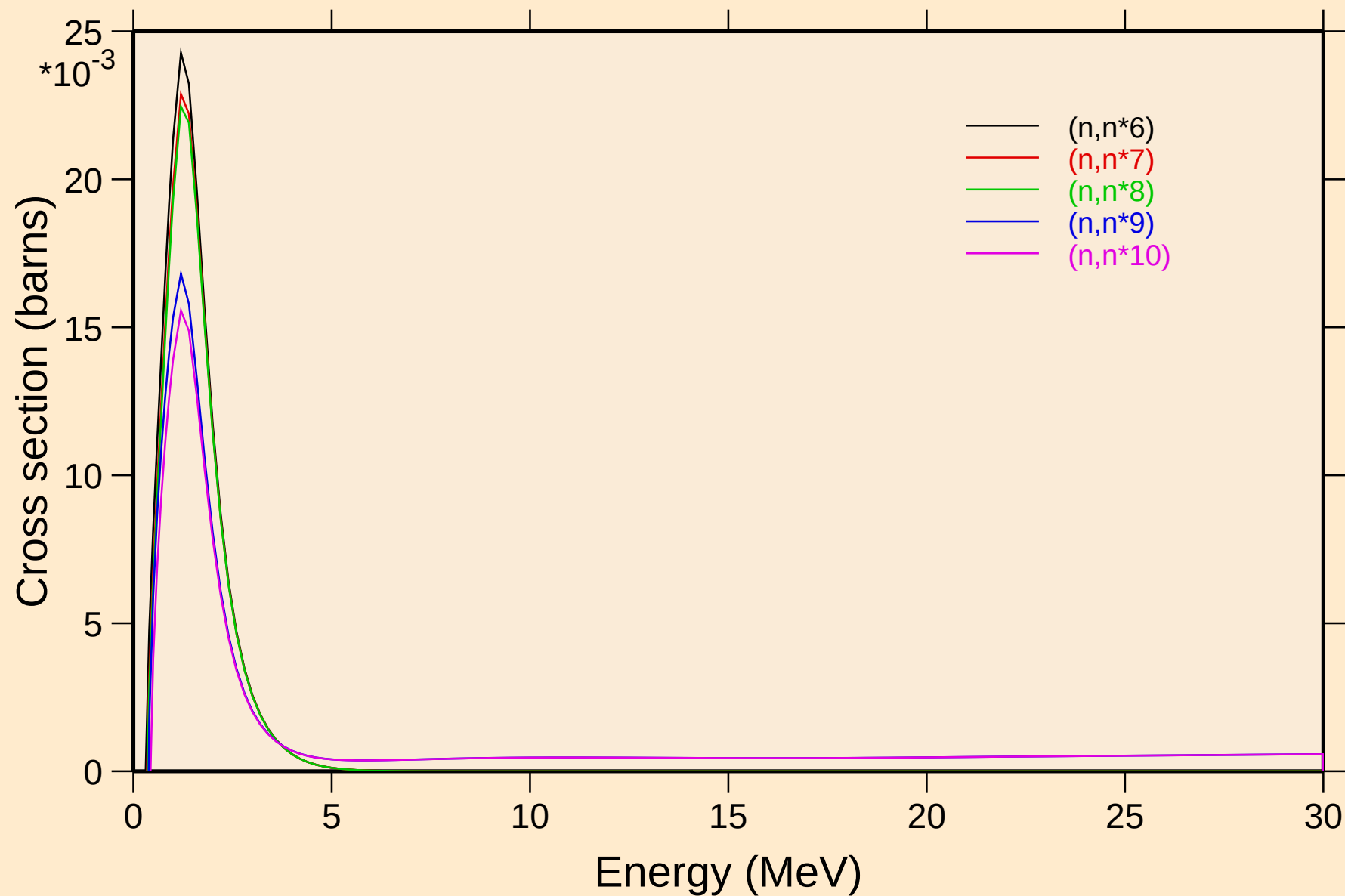
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



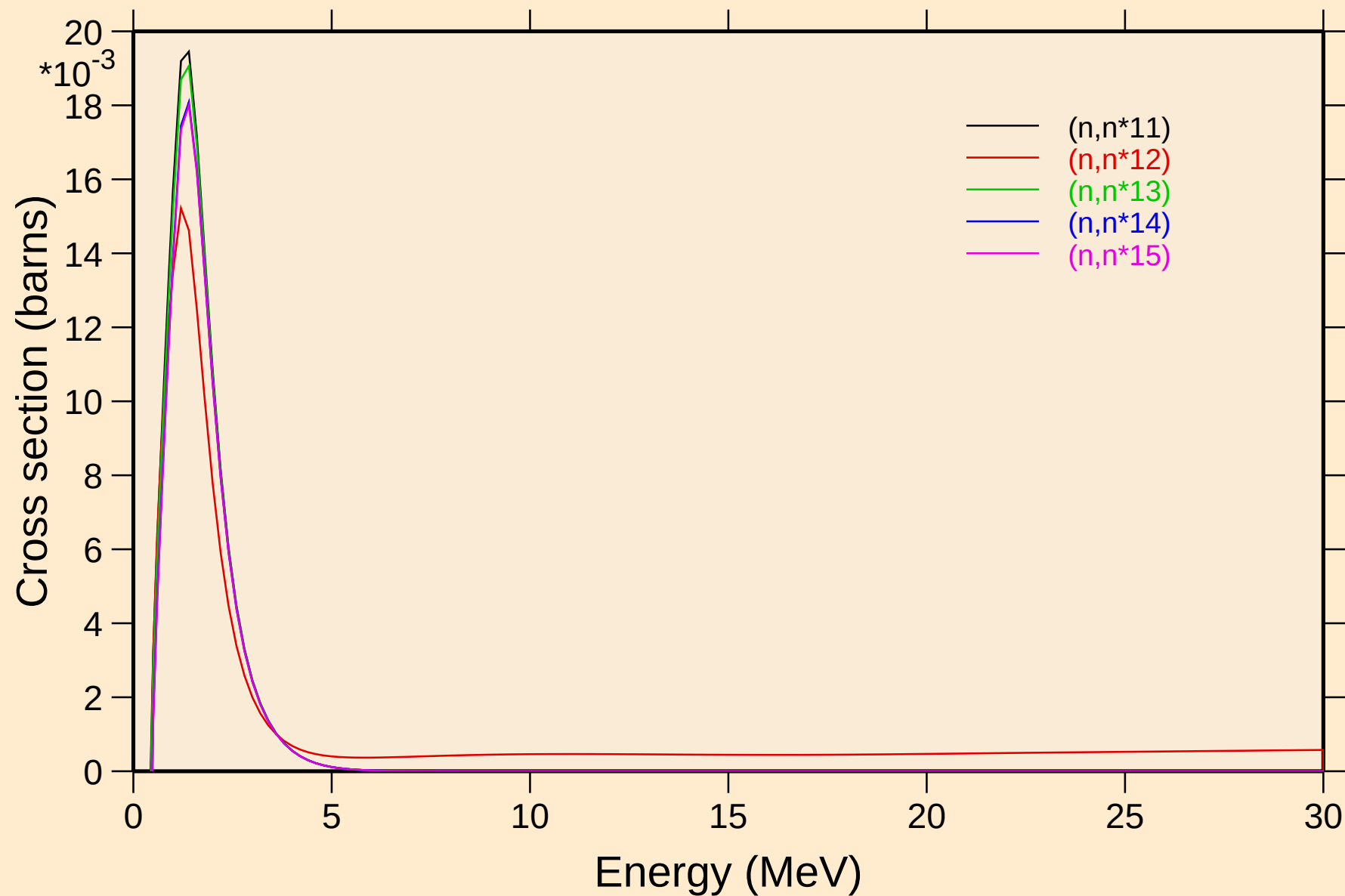
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



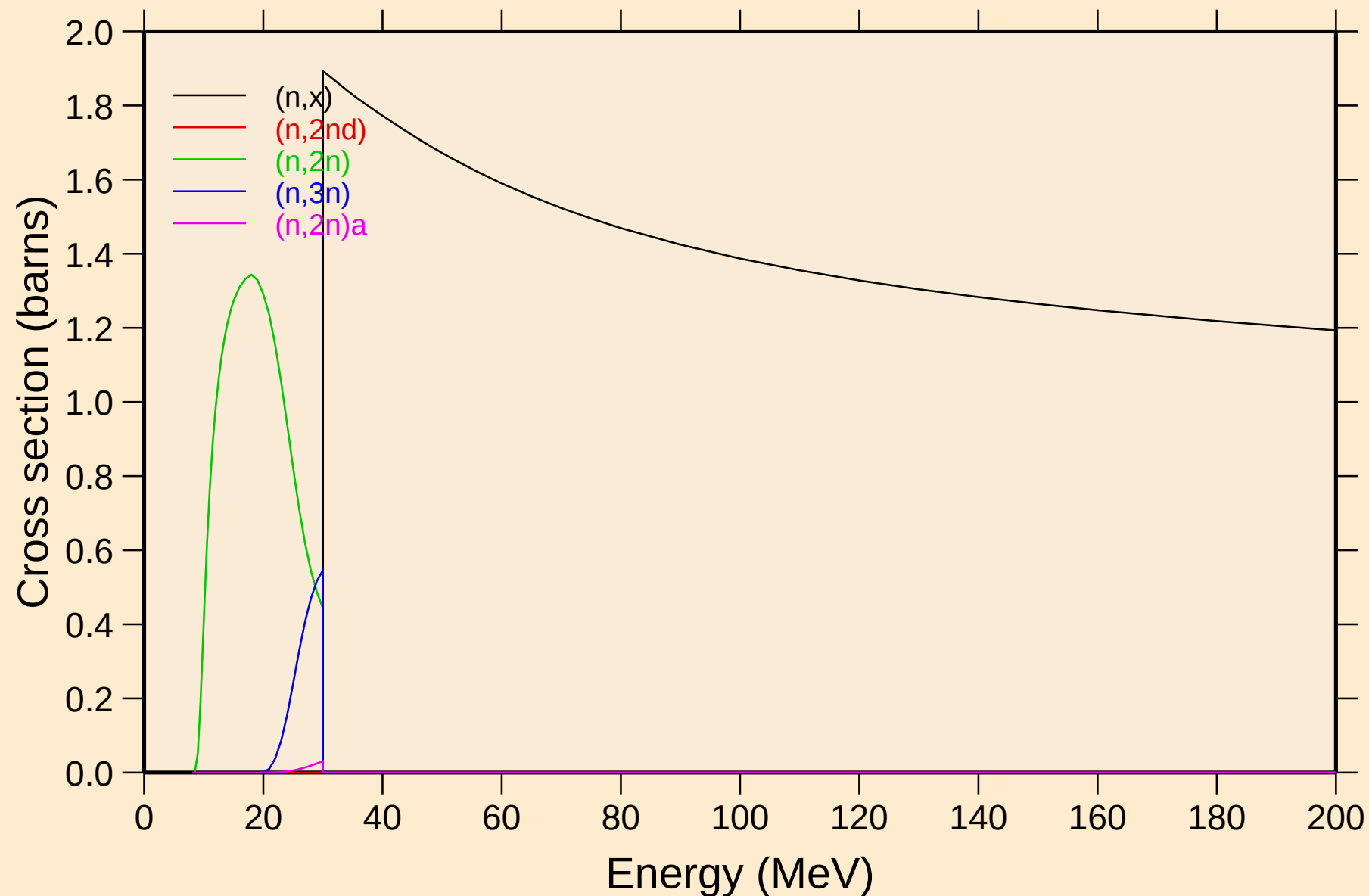
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



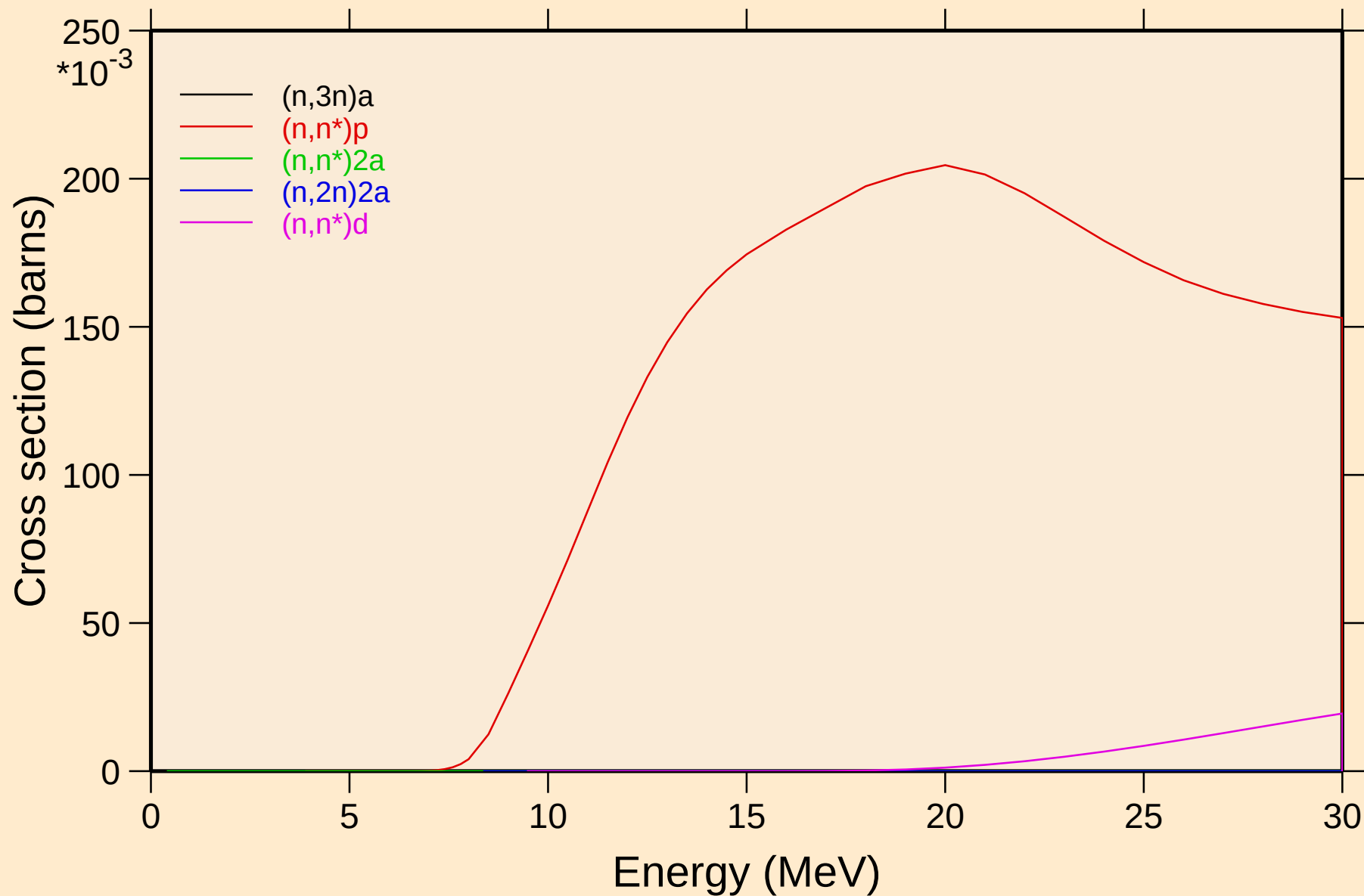
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



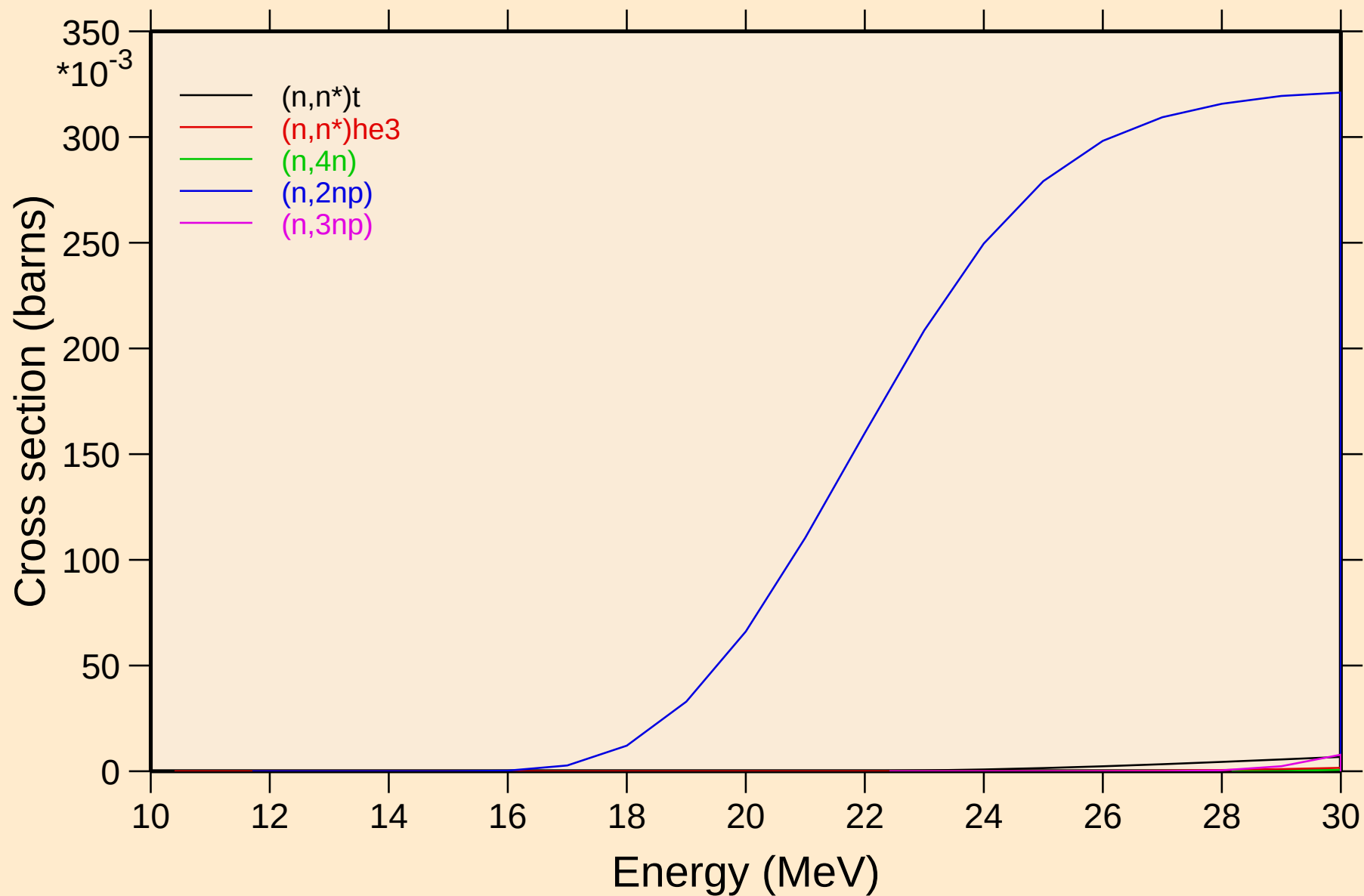
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



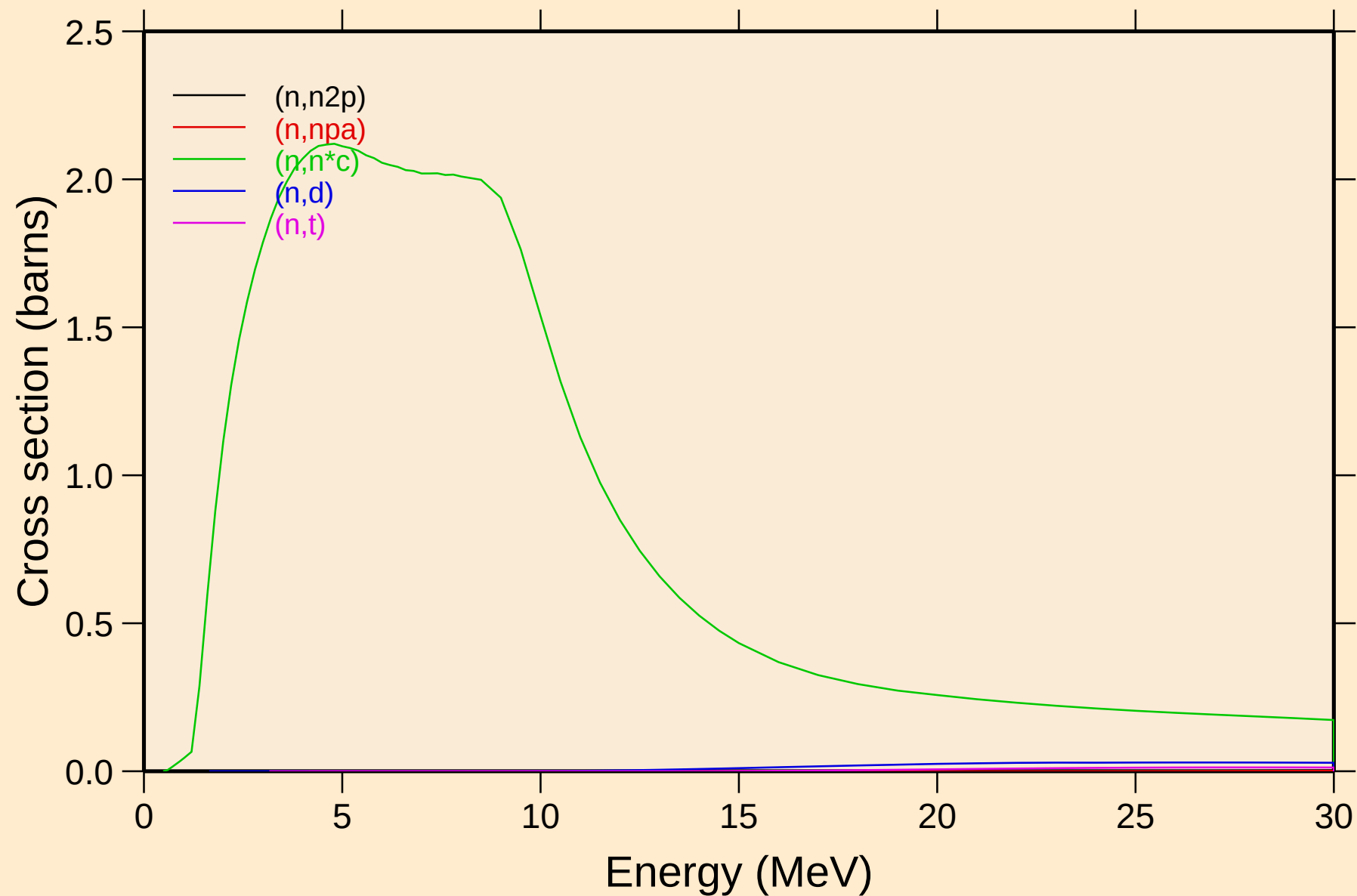
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



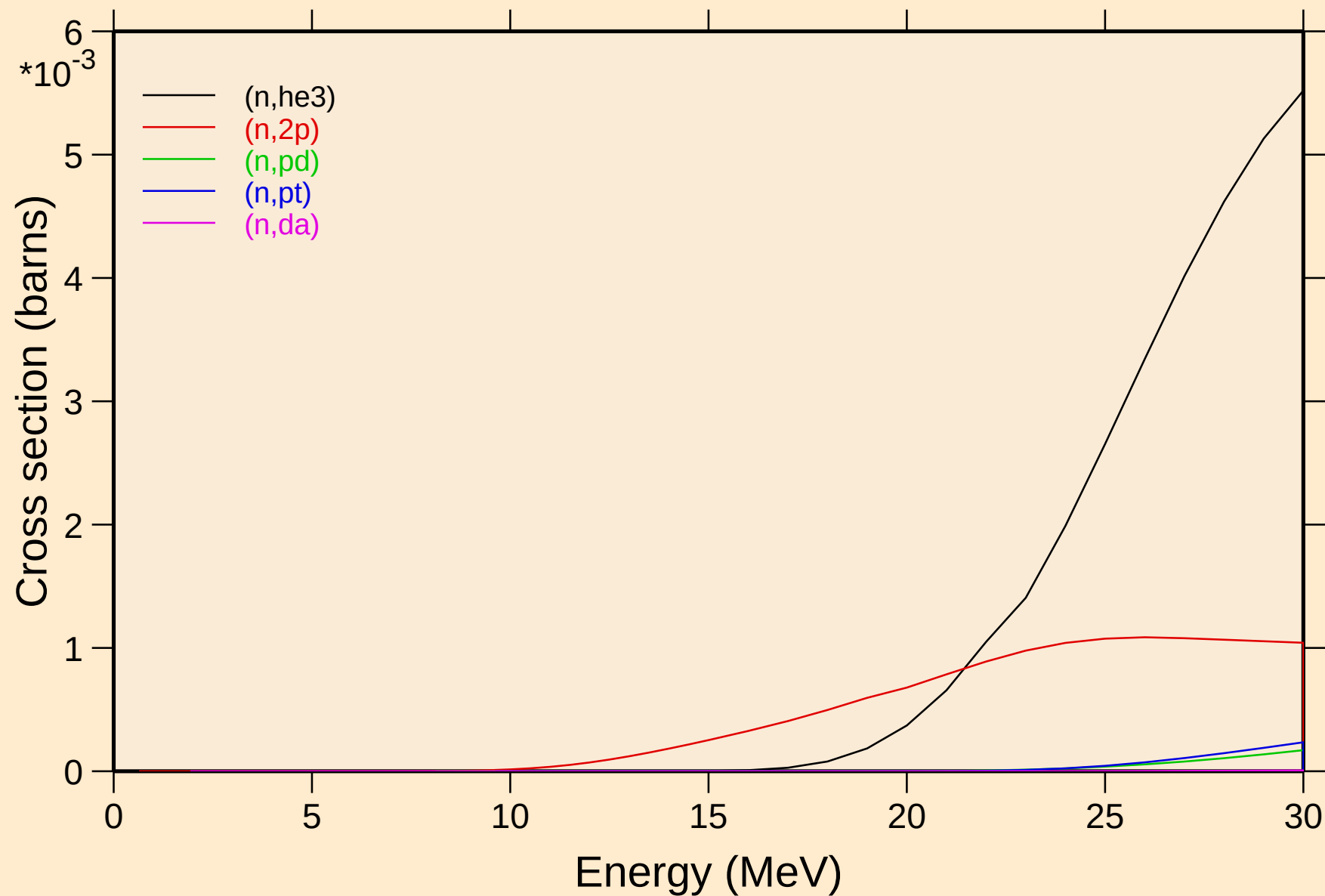
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

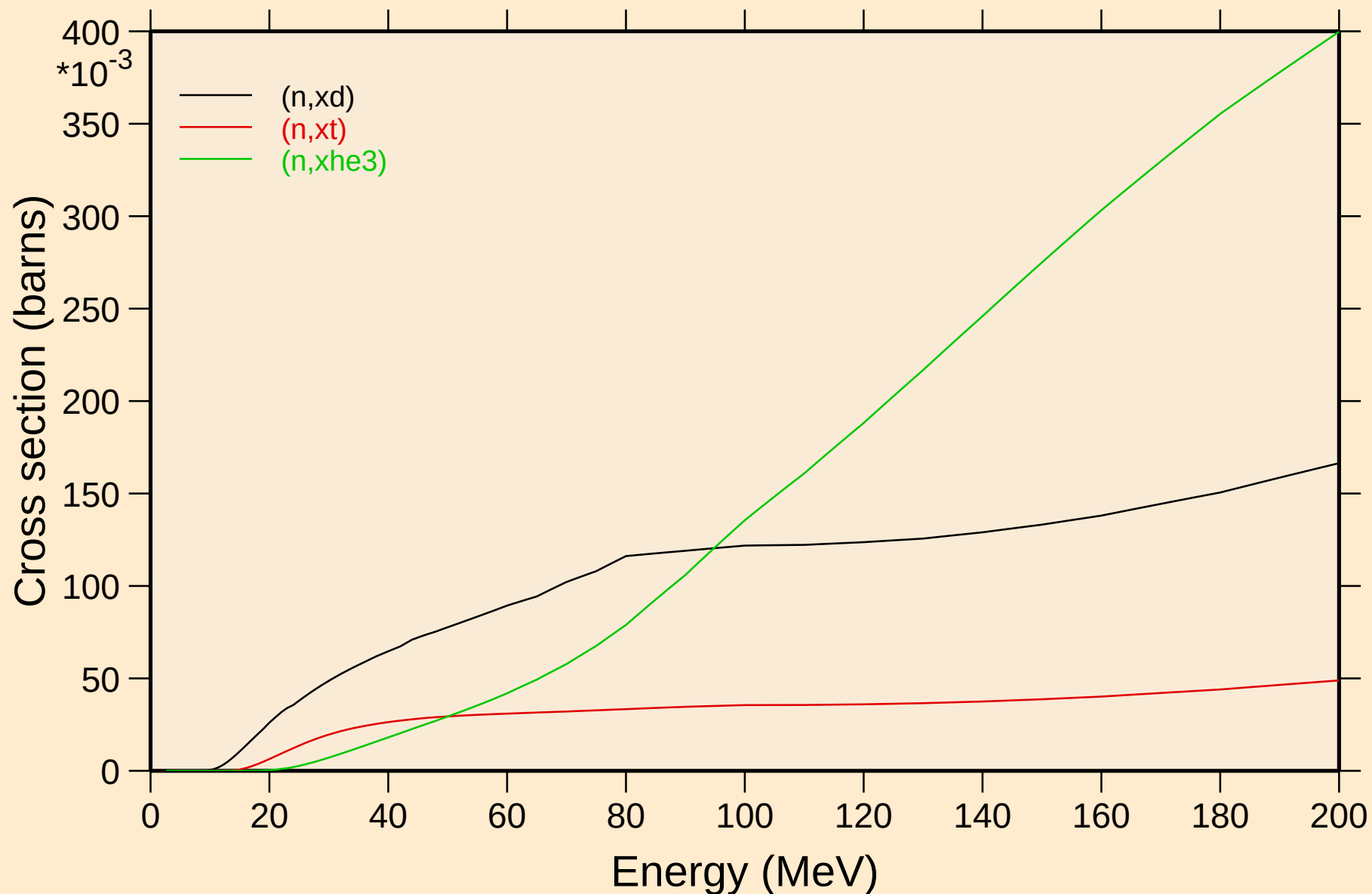
## Threshold reactions



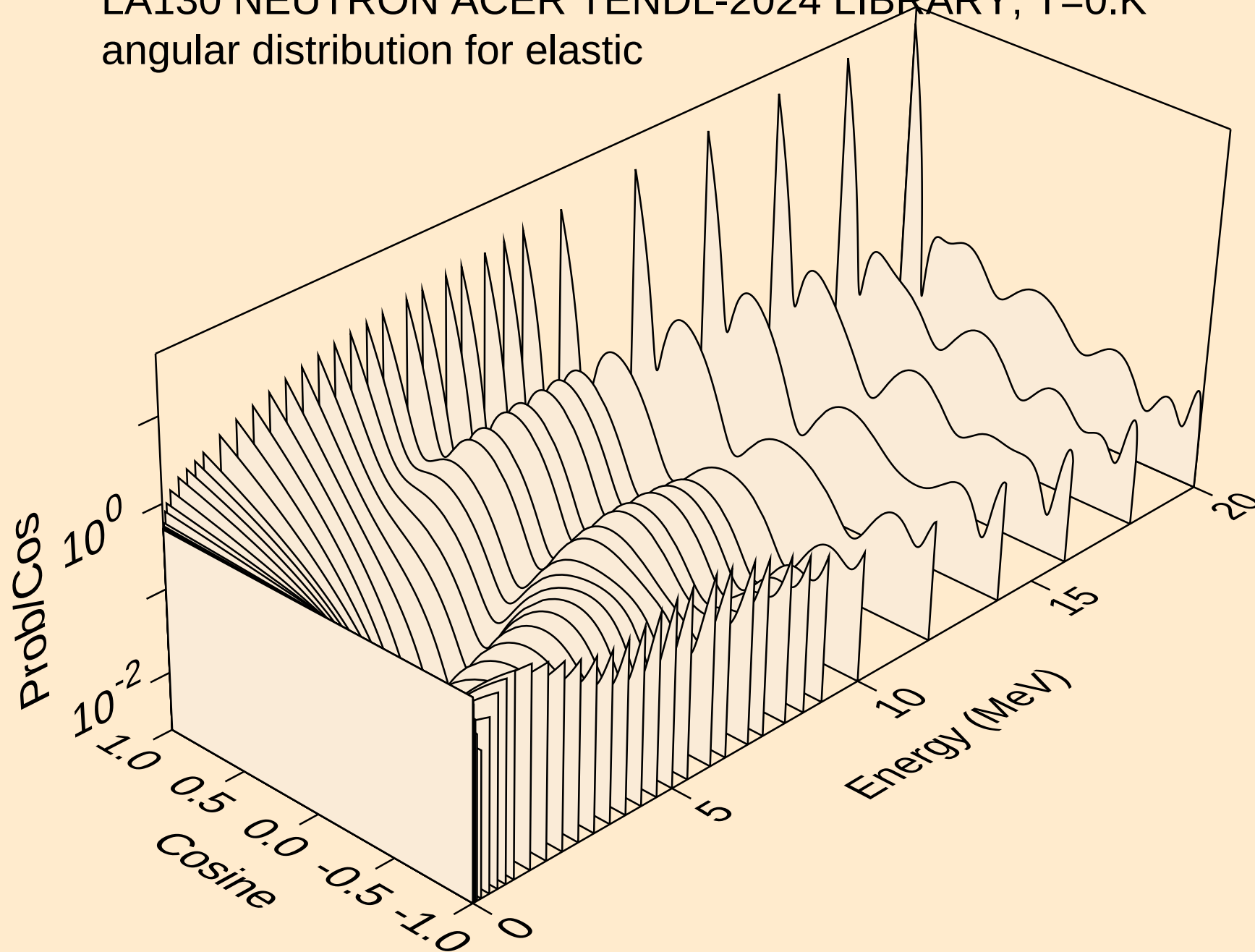


# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

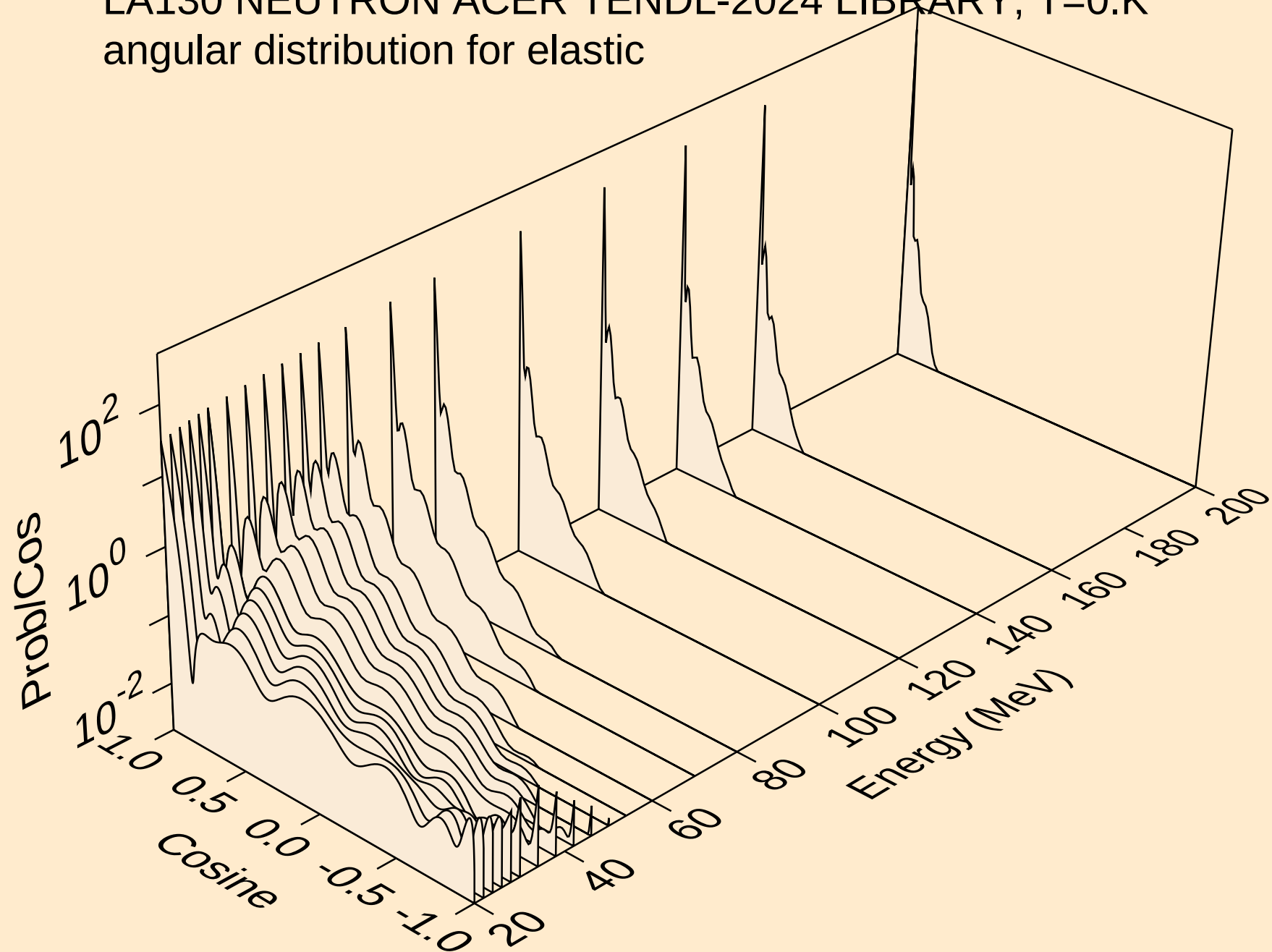
## Threshold reactions



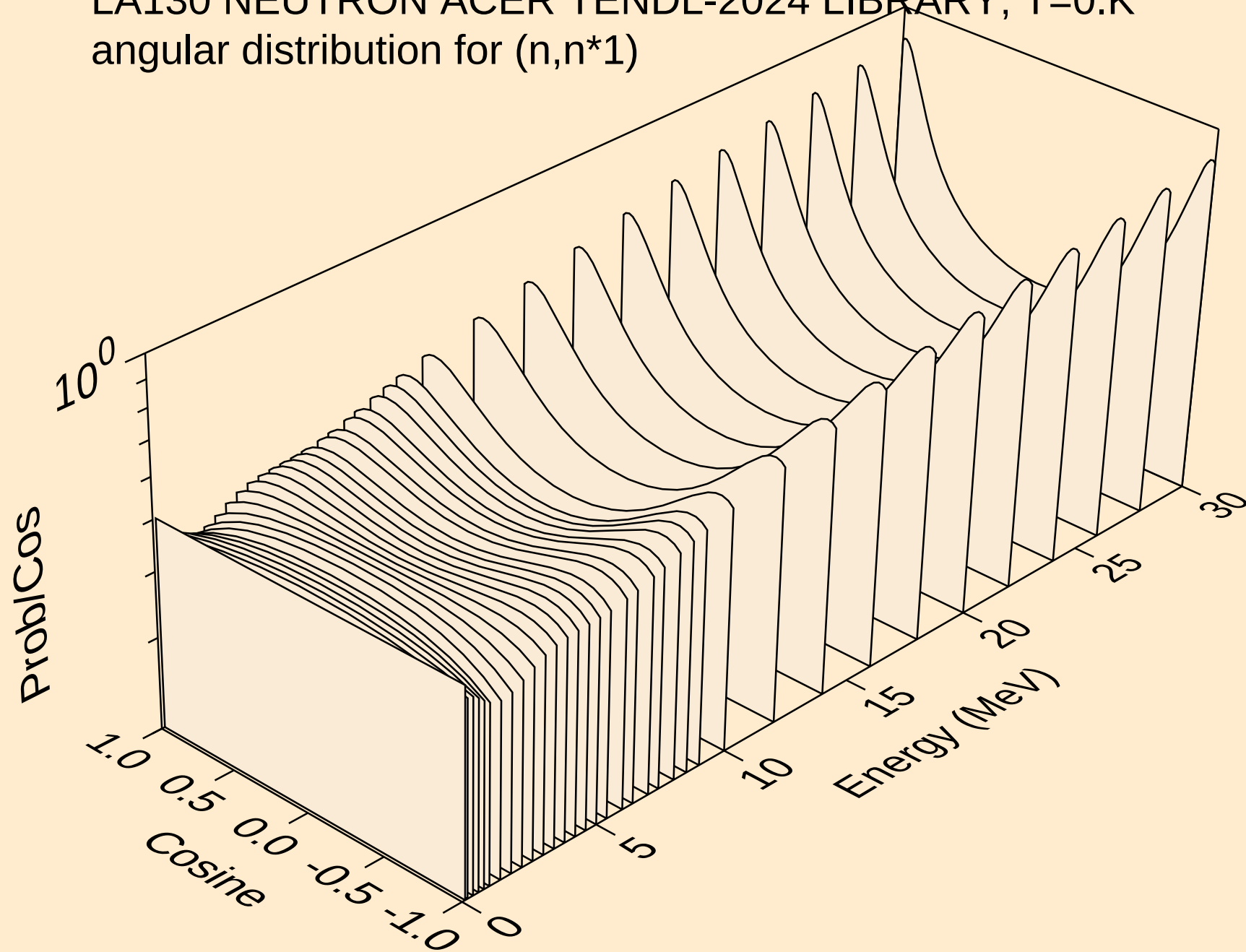
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



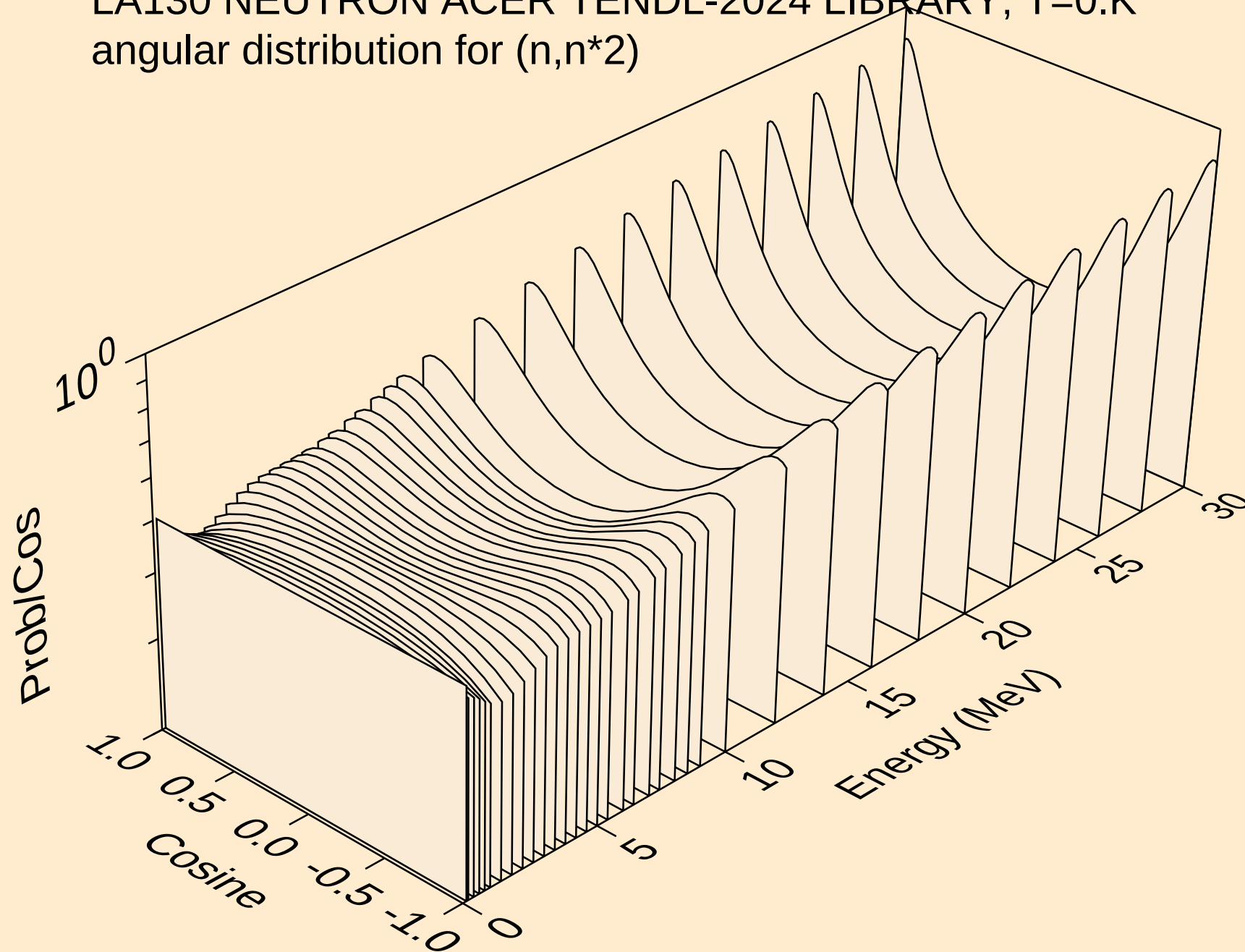
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



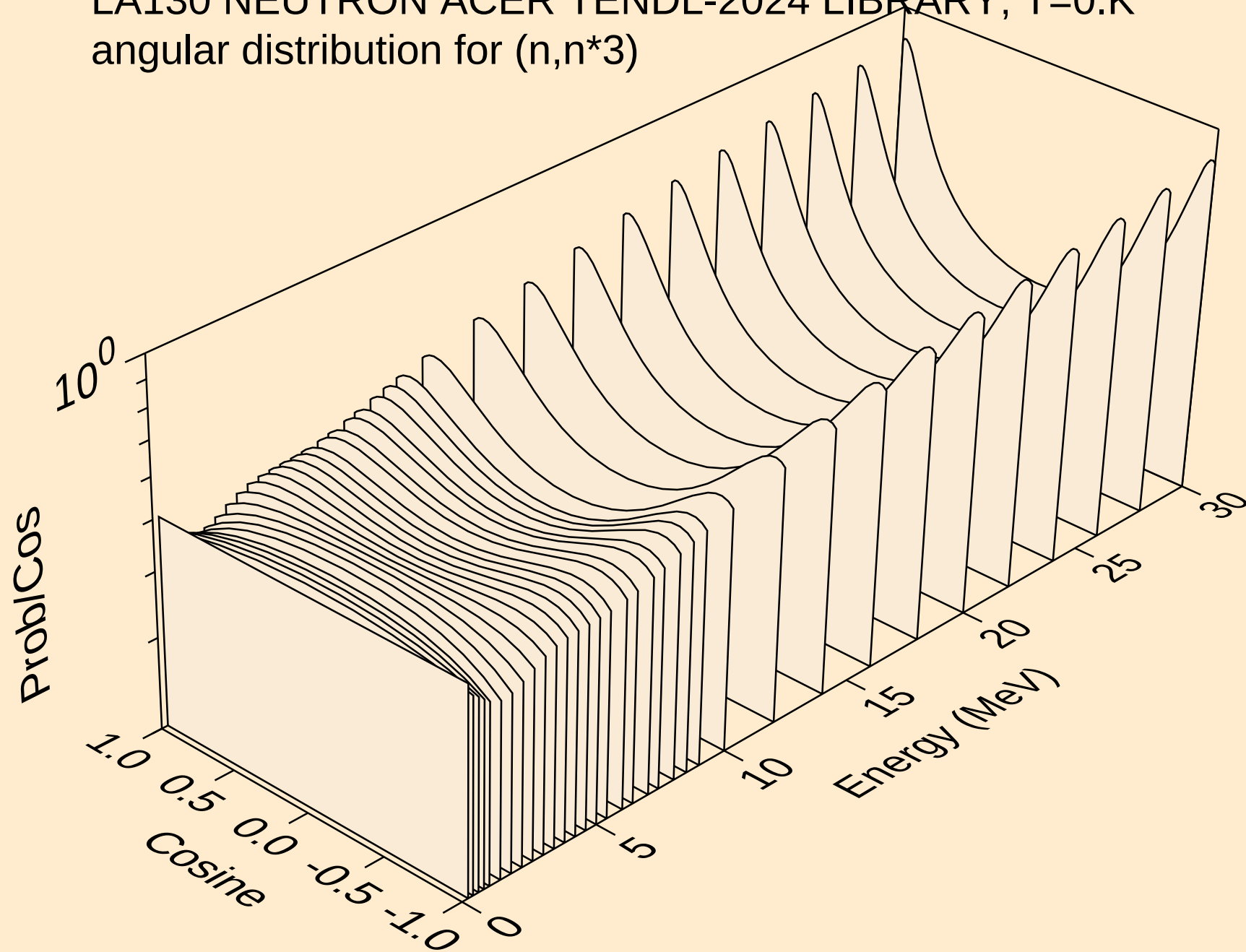
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



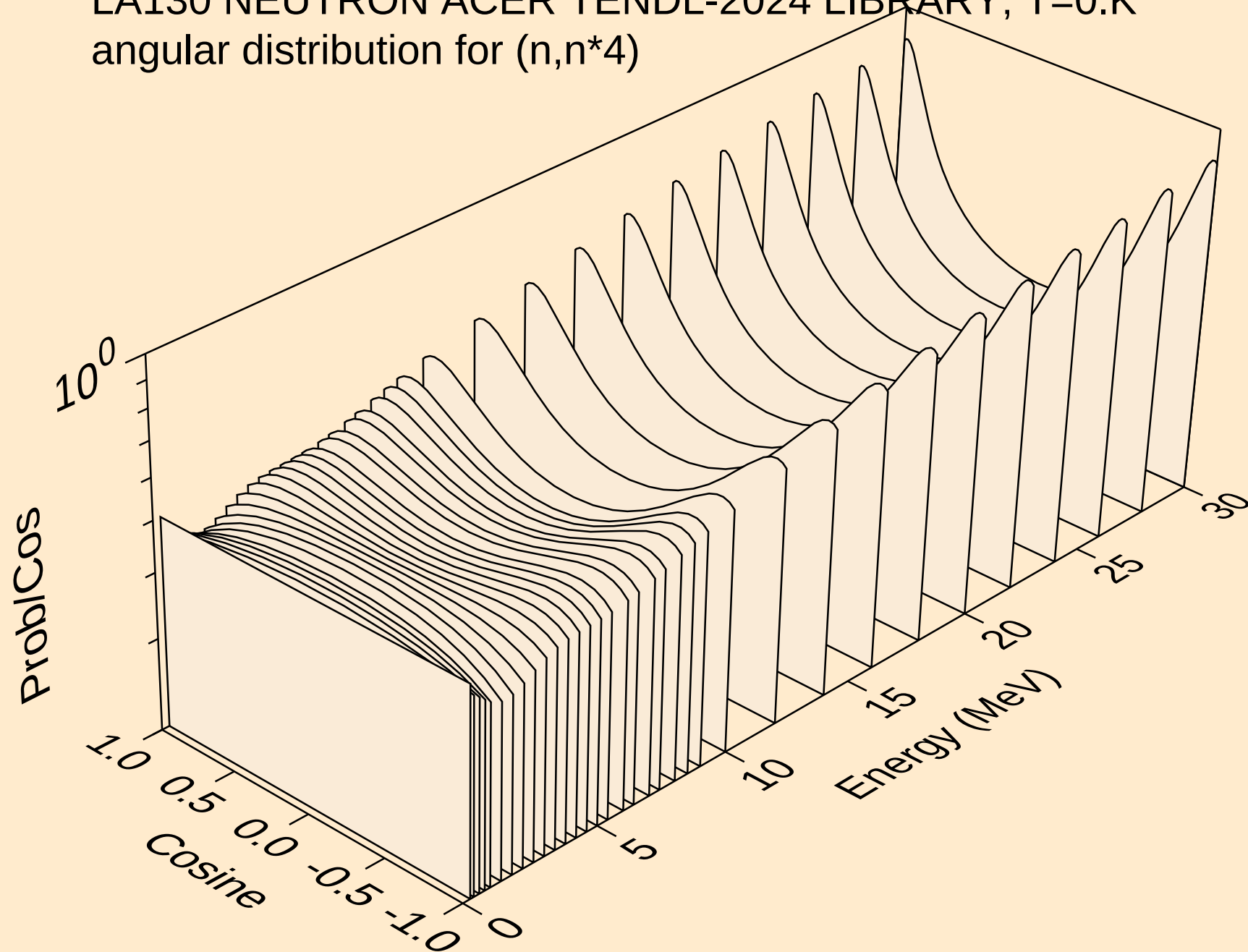
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



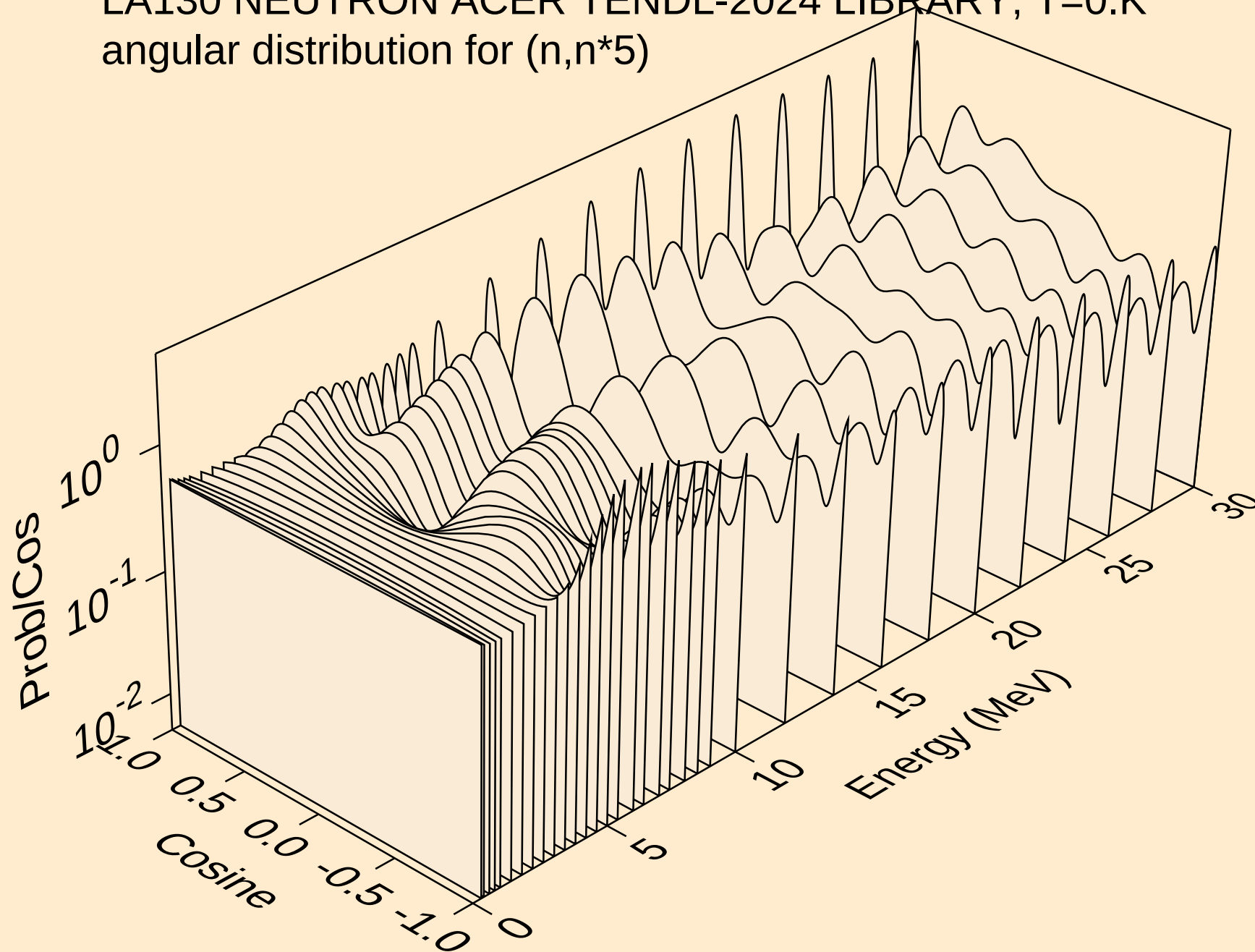
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

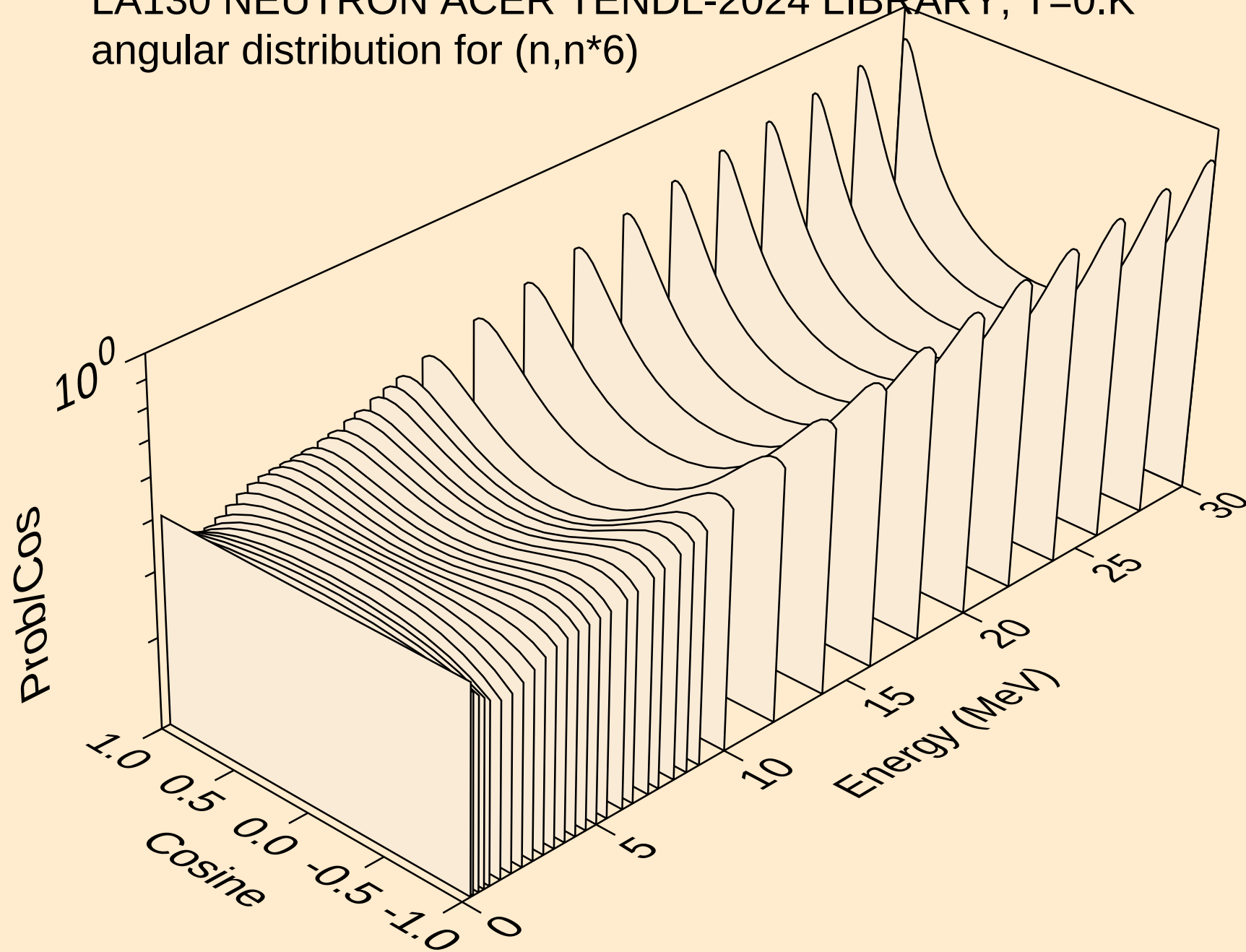


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

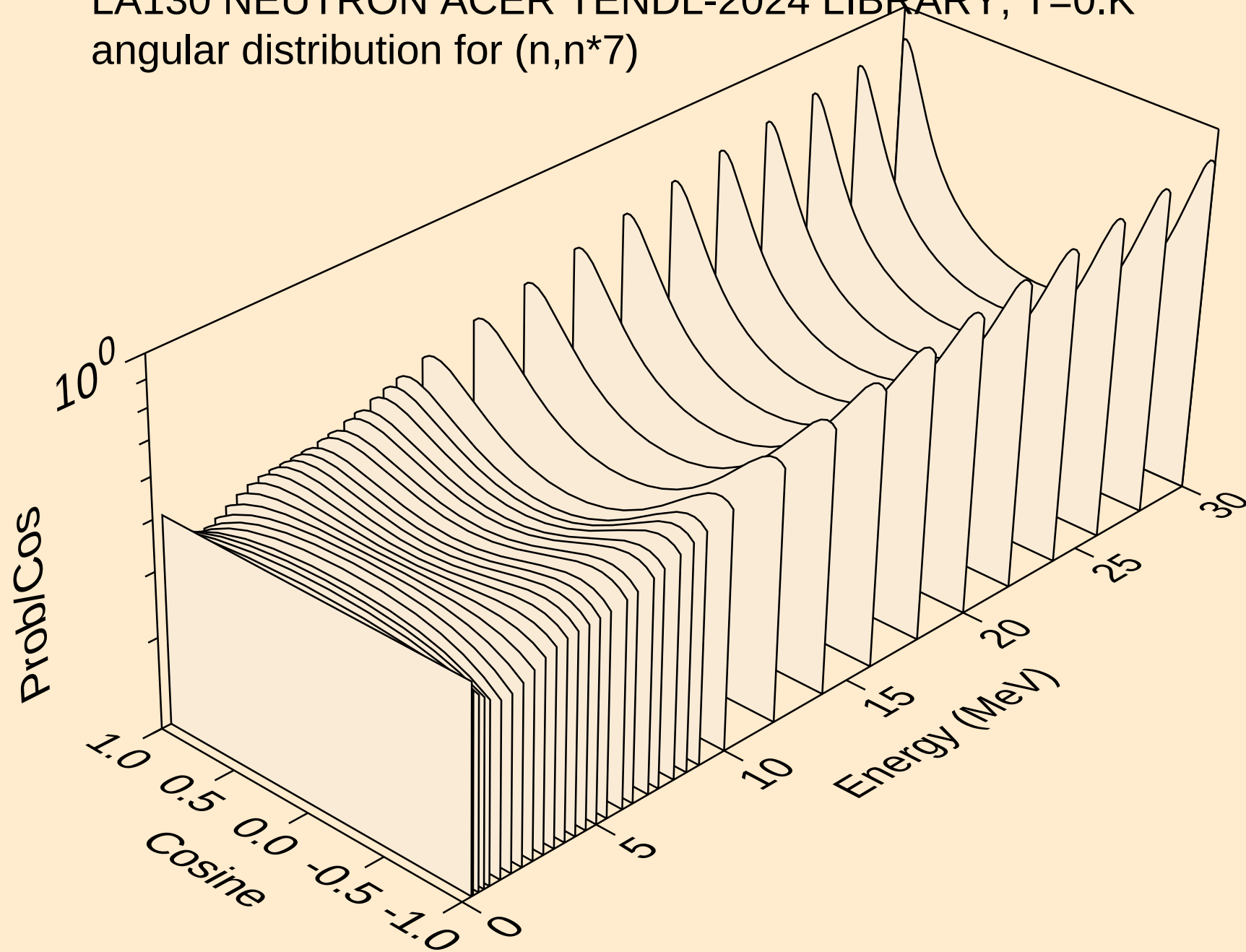




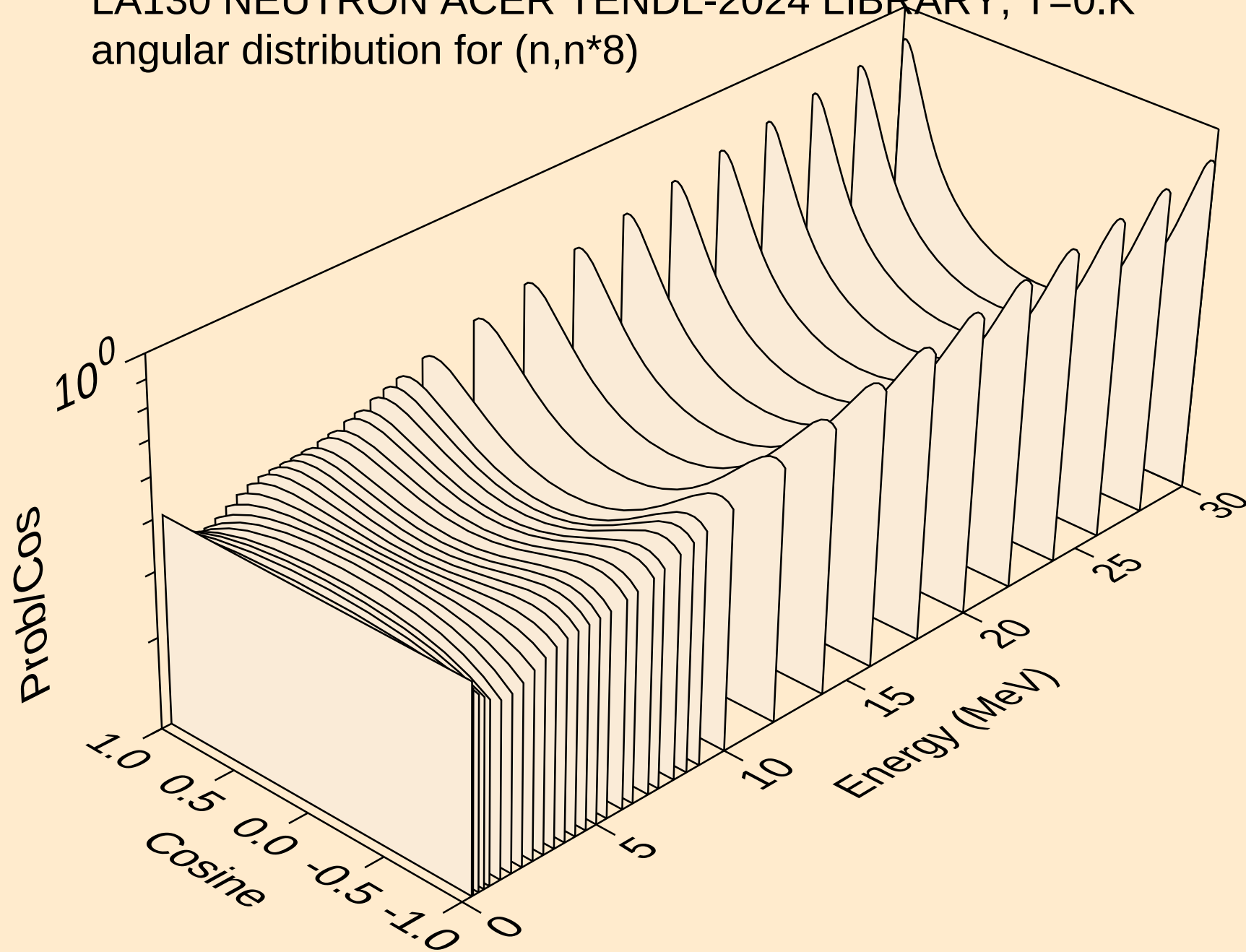
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



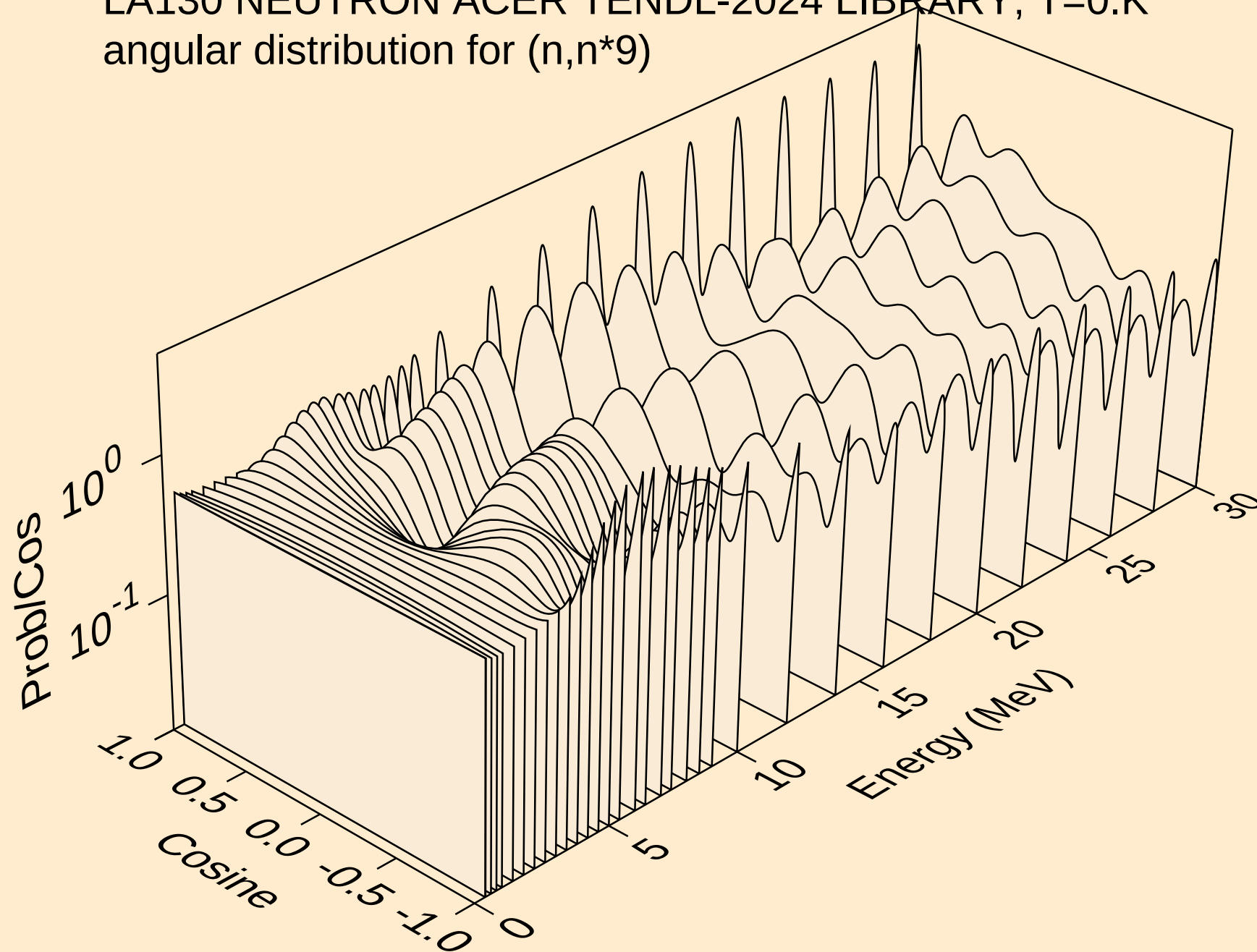
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



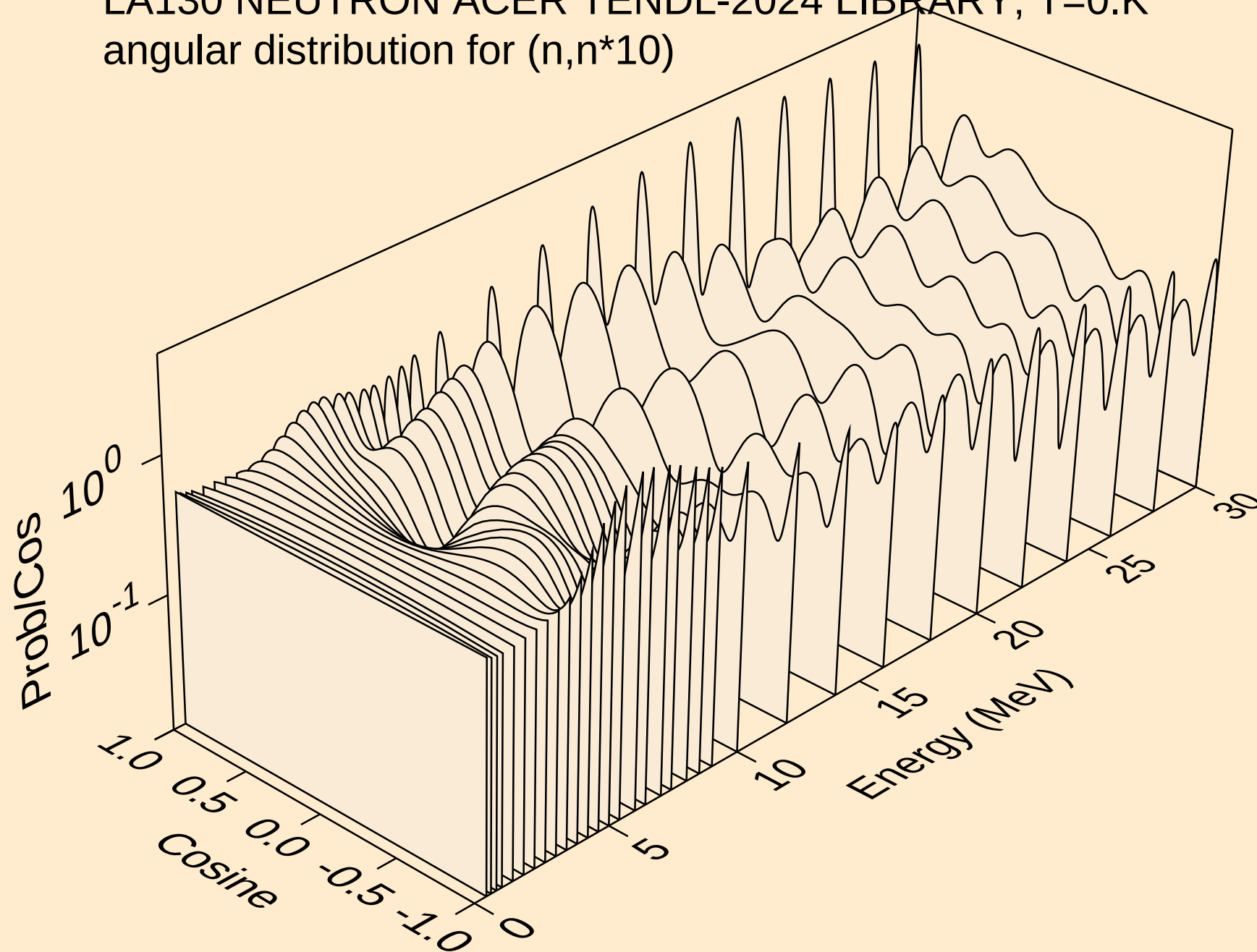
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angular distribution for (n,n\*8)



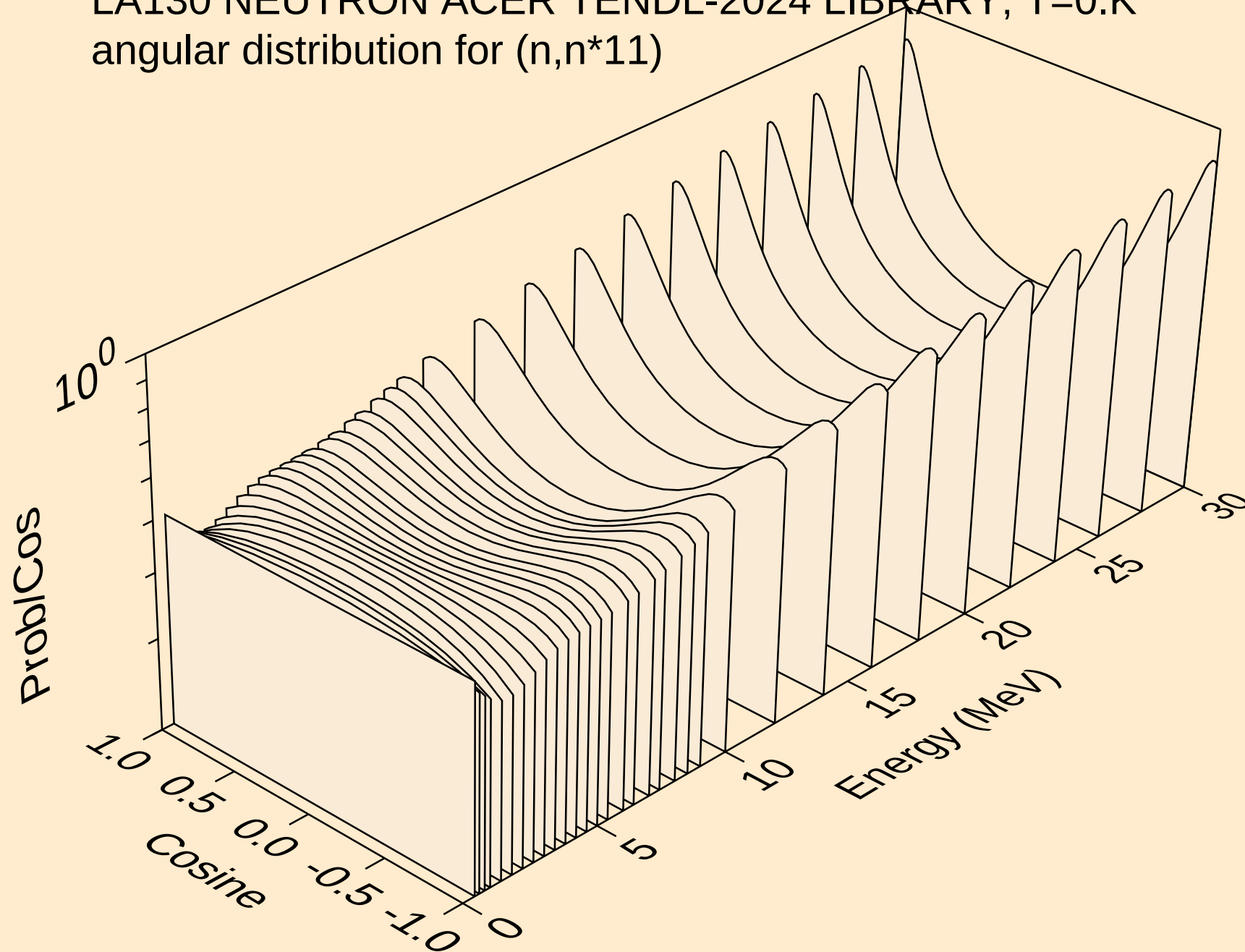
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
angular distribution for (n,n\*9)



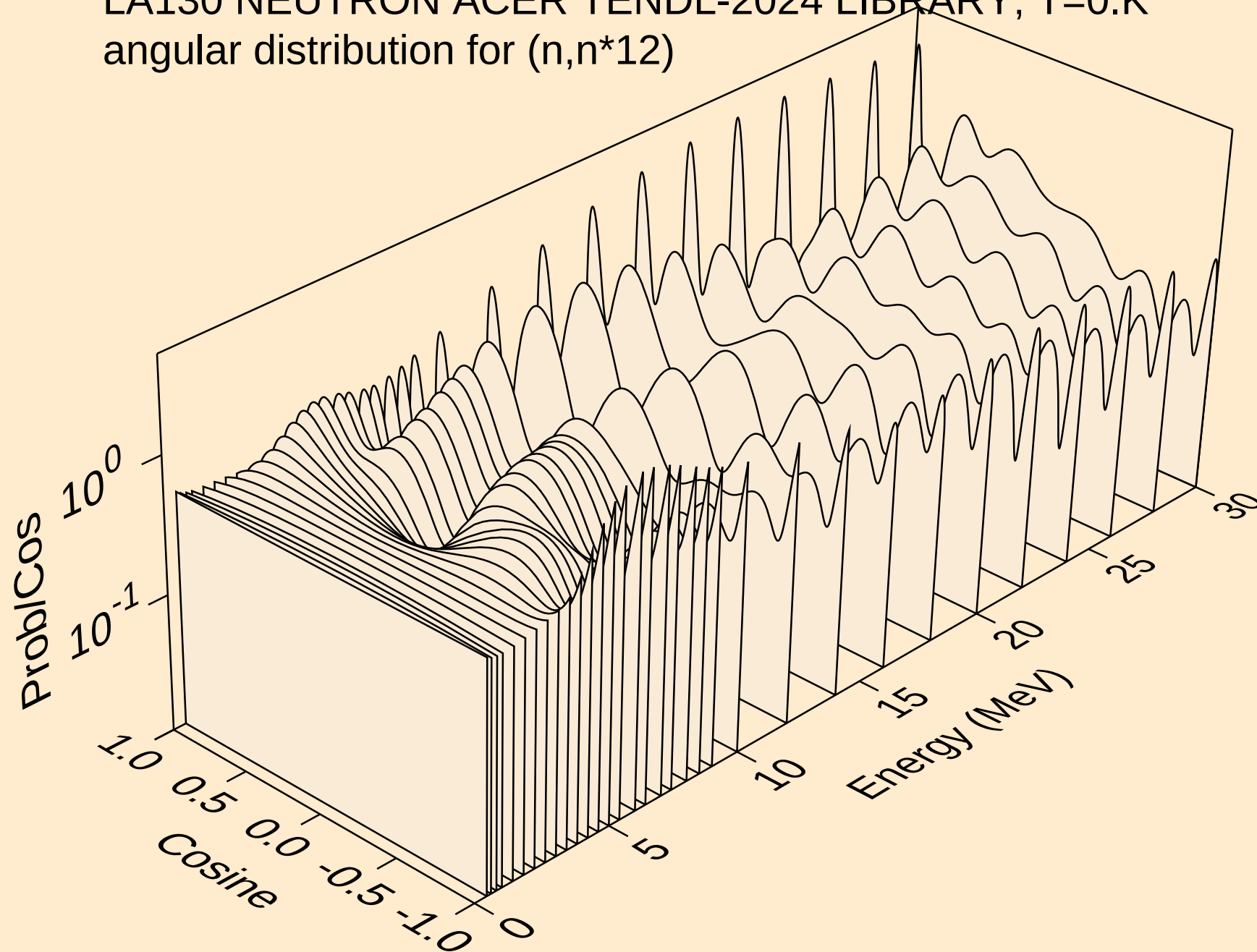
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angular distribution for (n,n\*10)



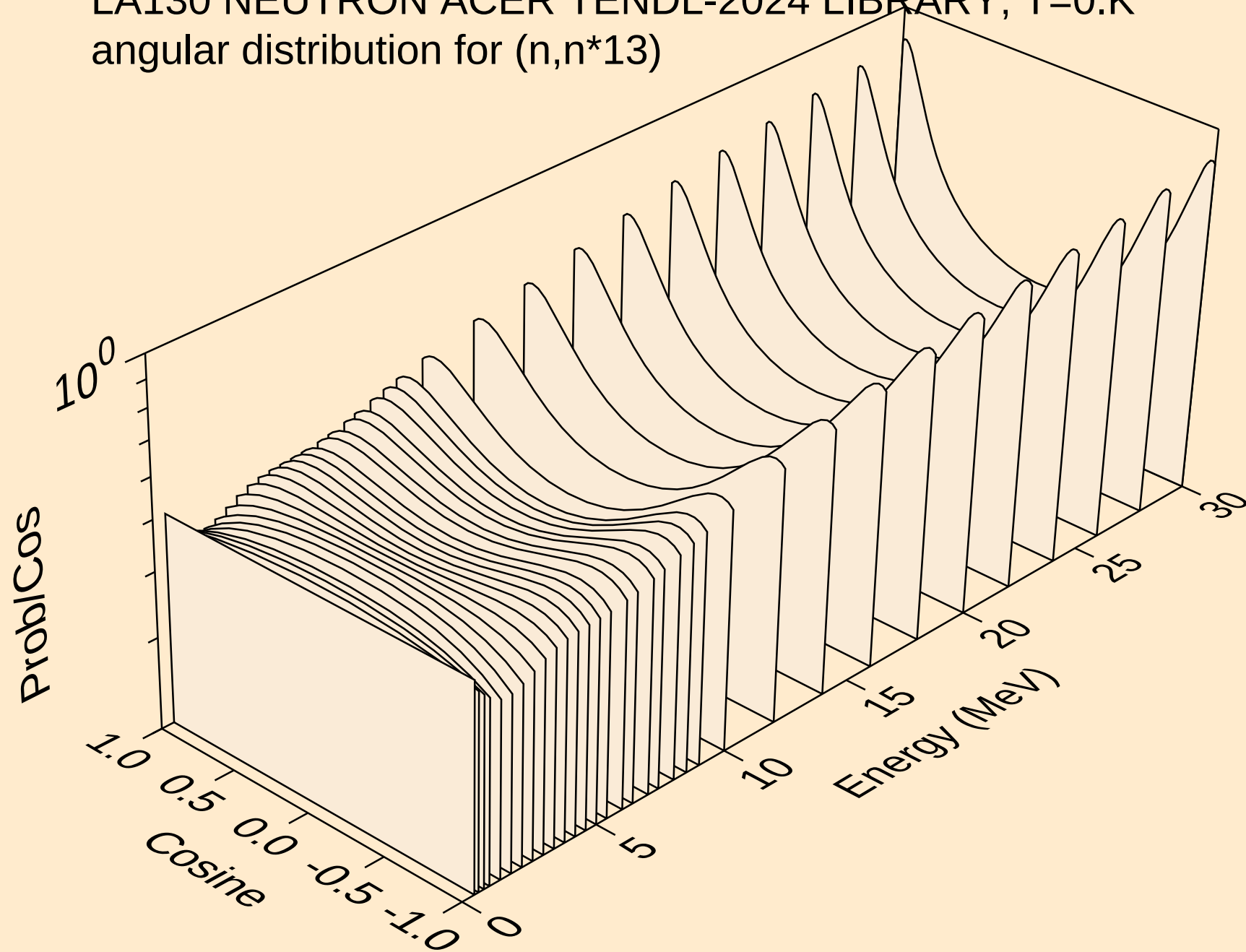
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

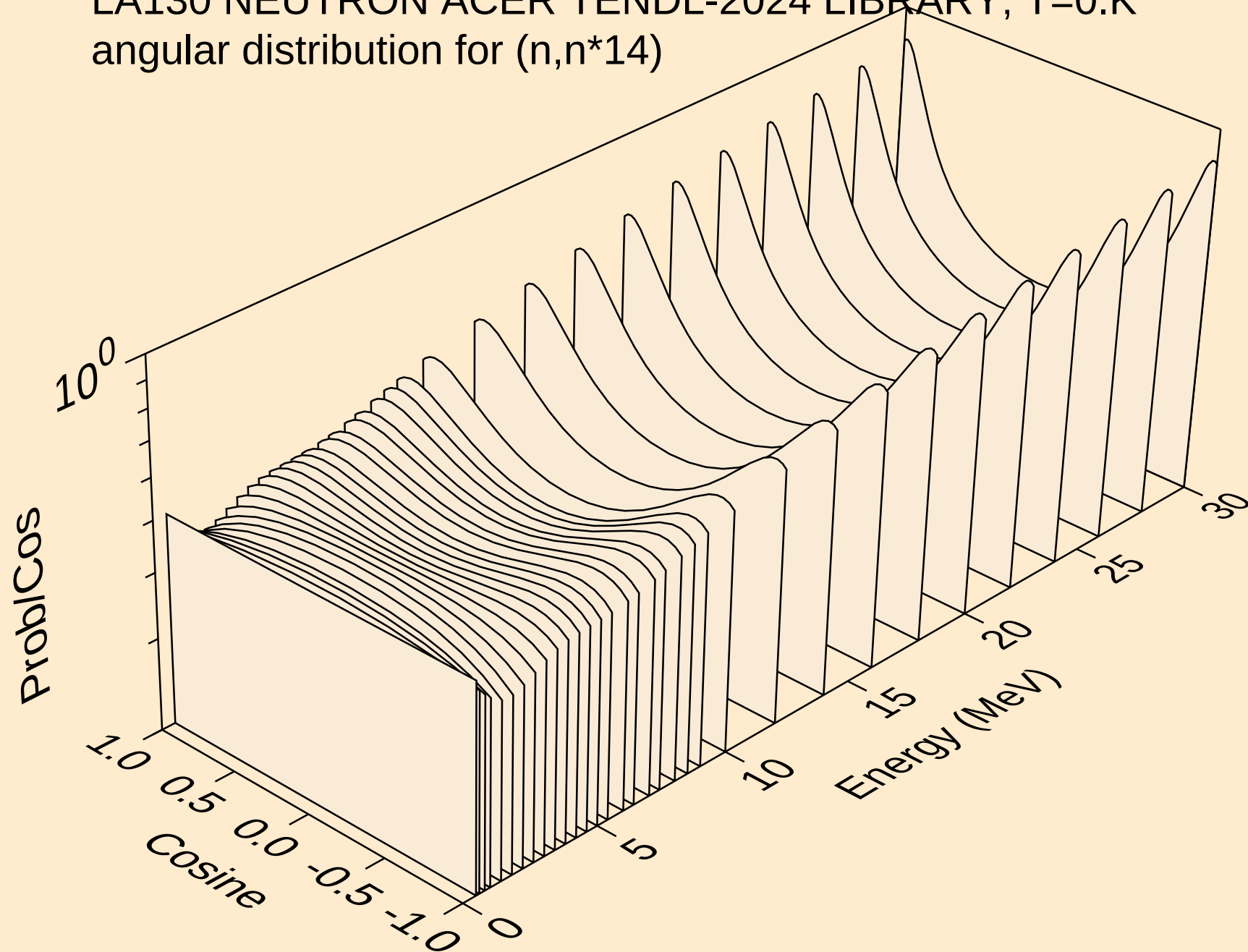


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

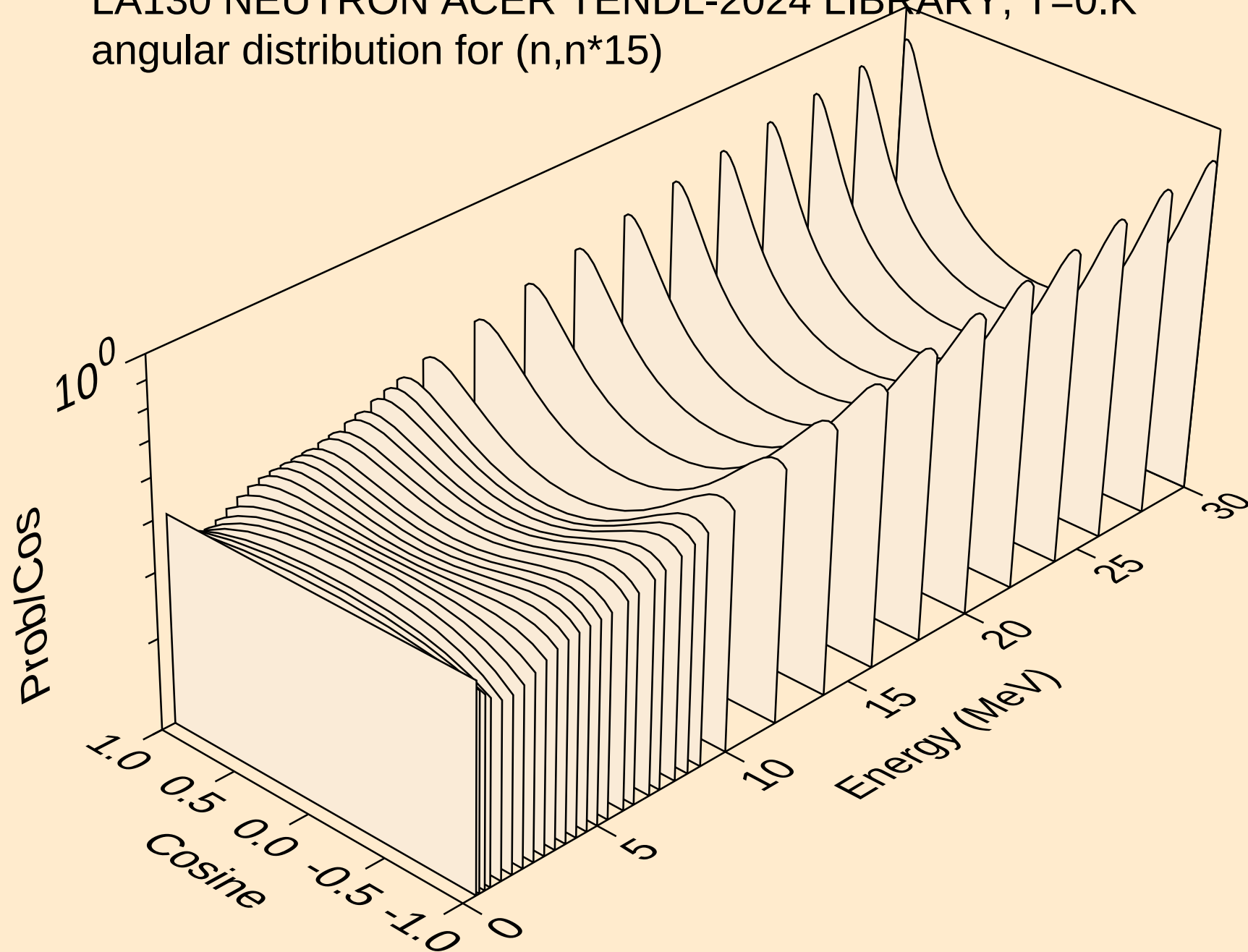




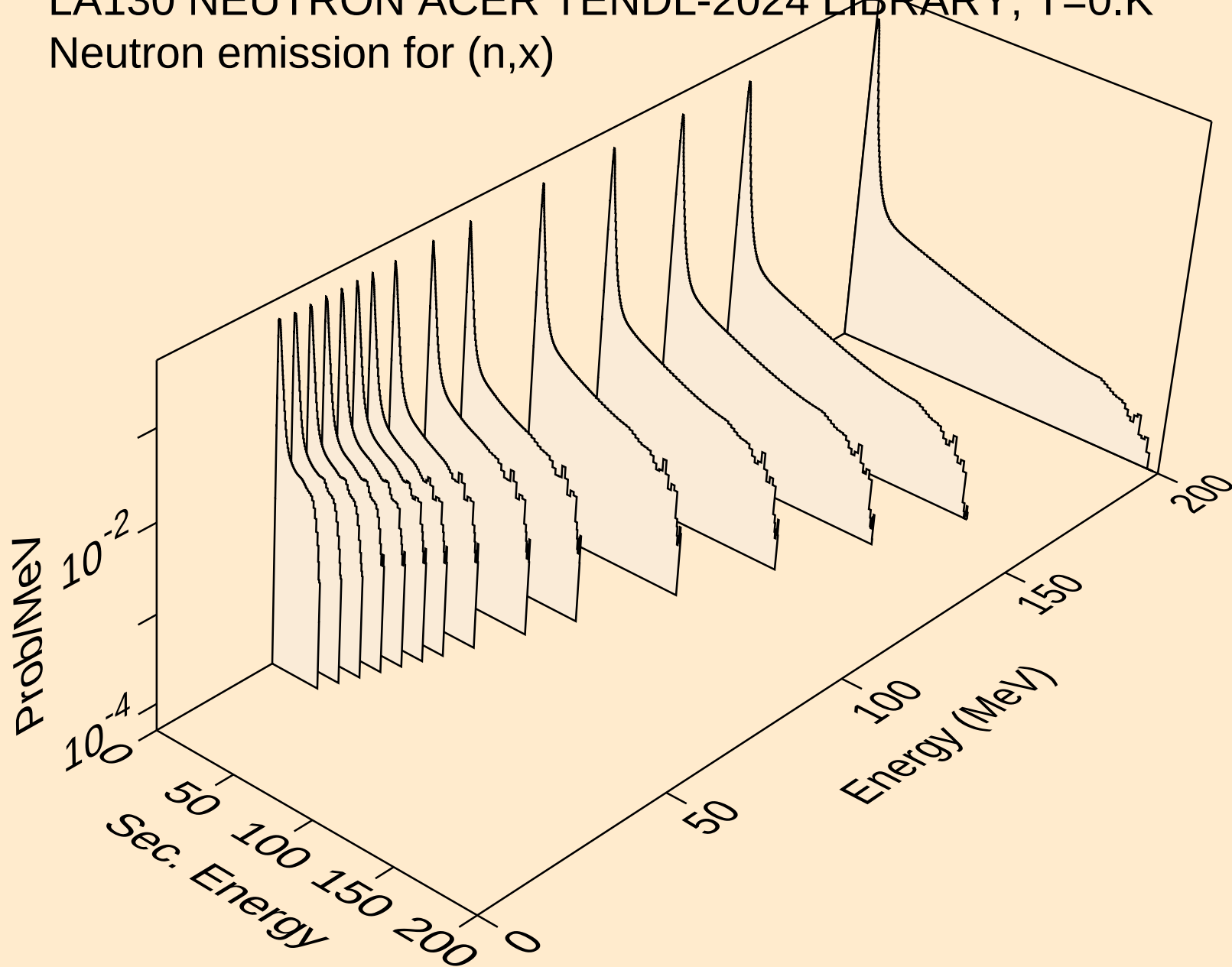
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angular distribution for (n,n\*14)



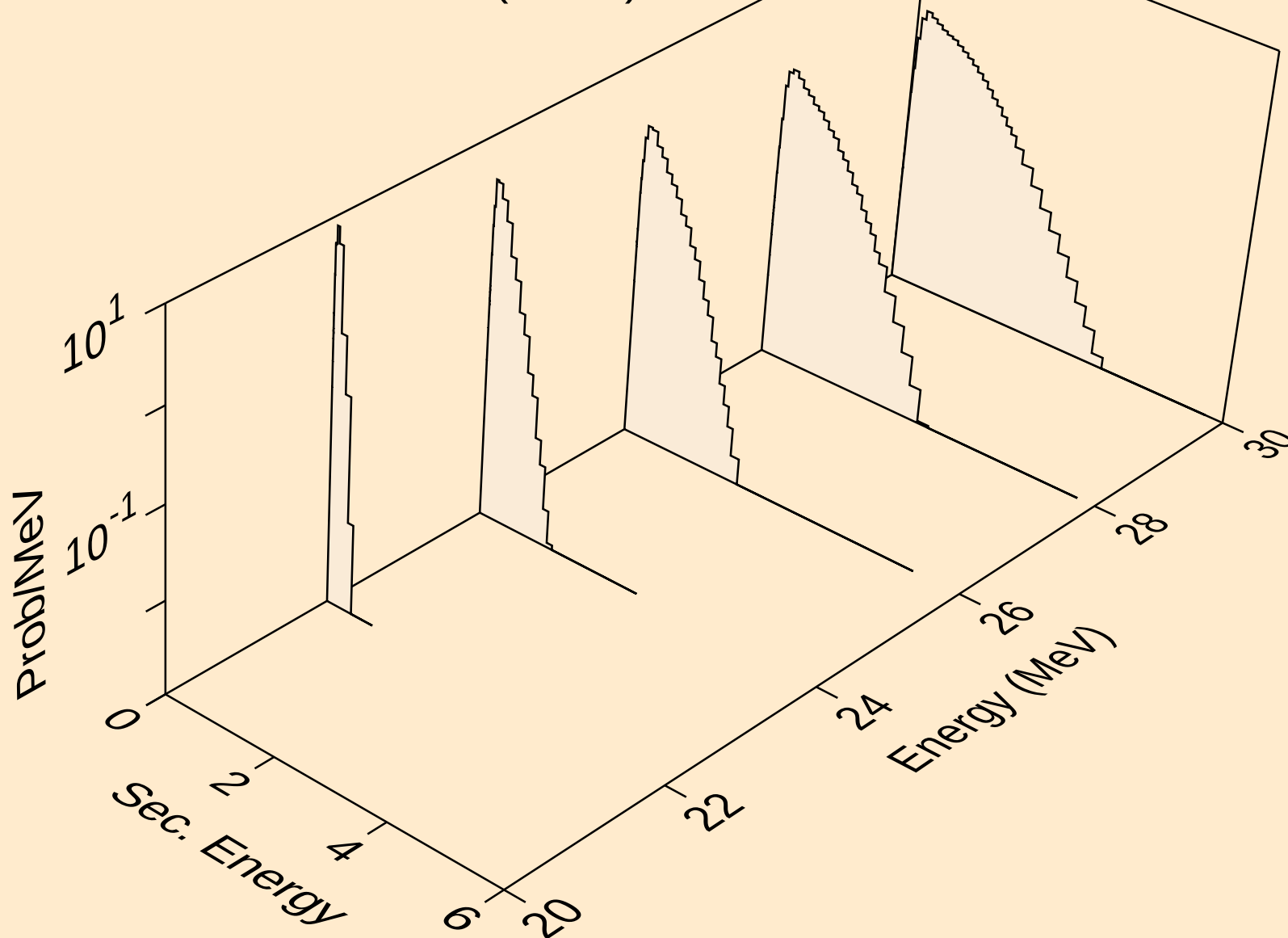
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



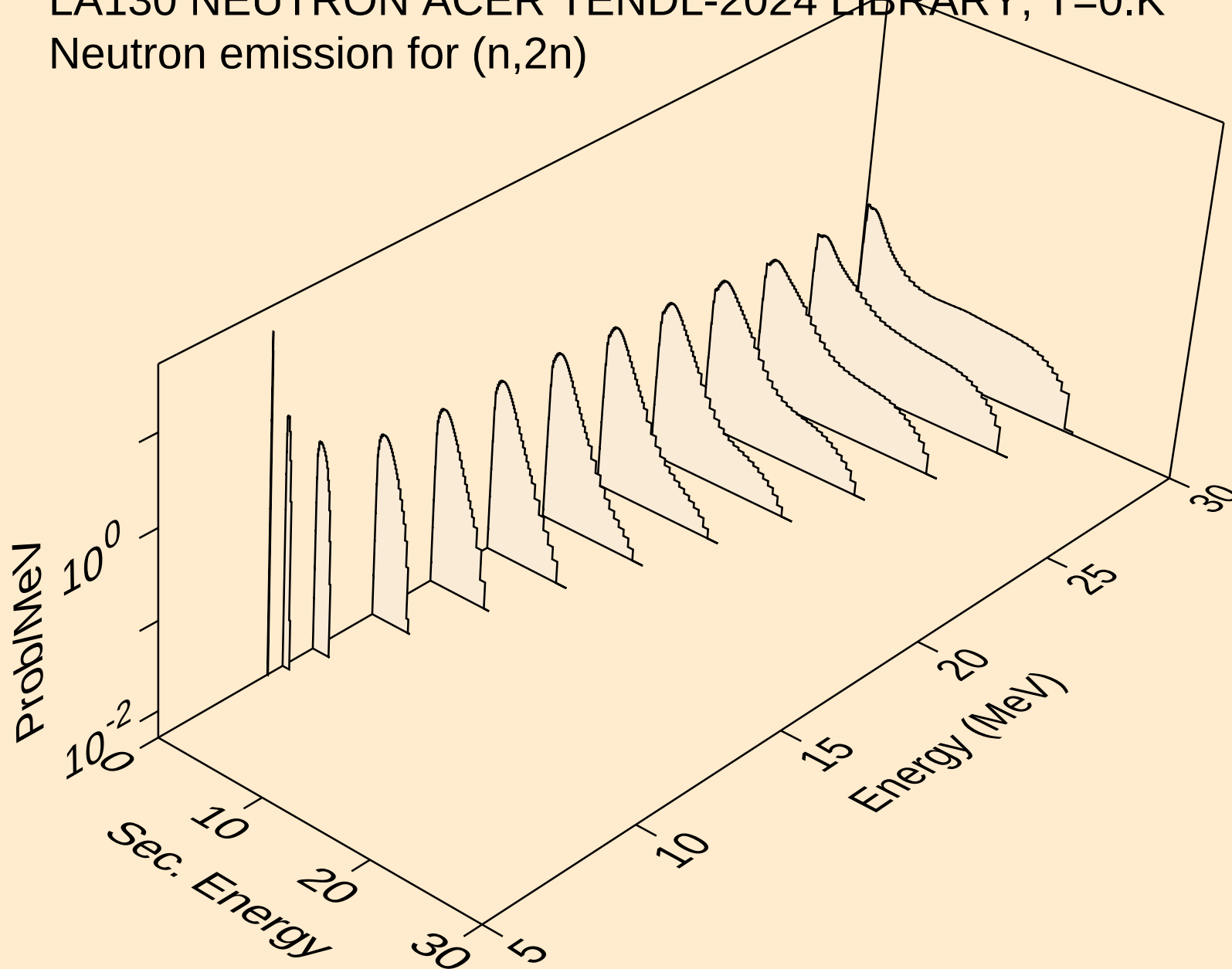
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



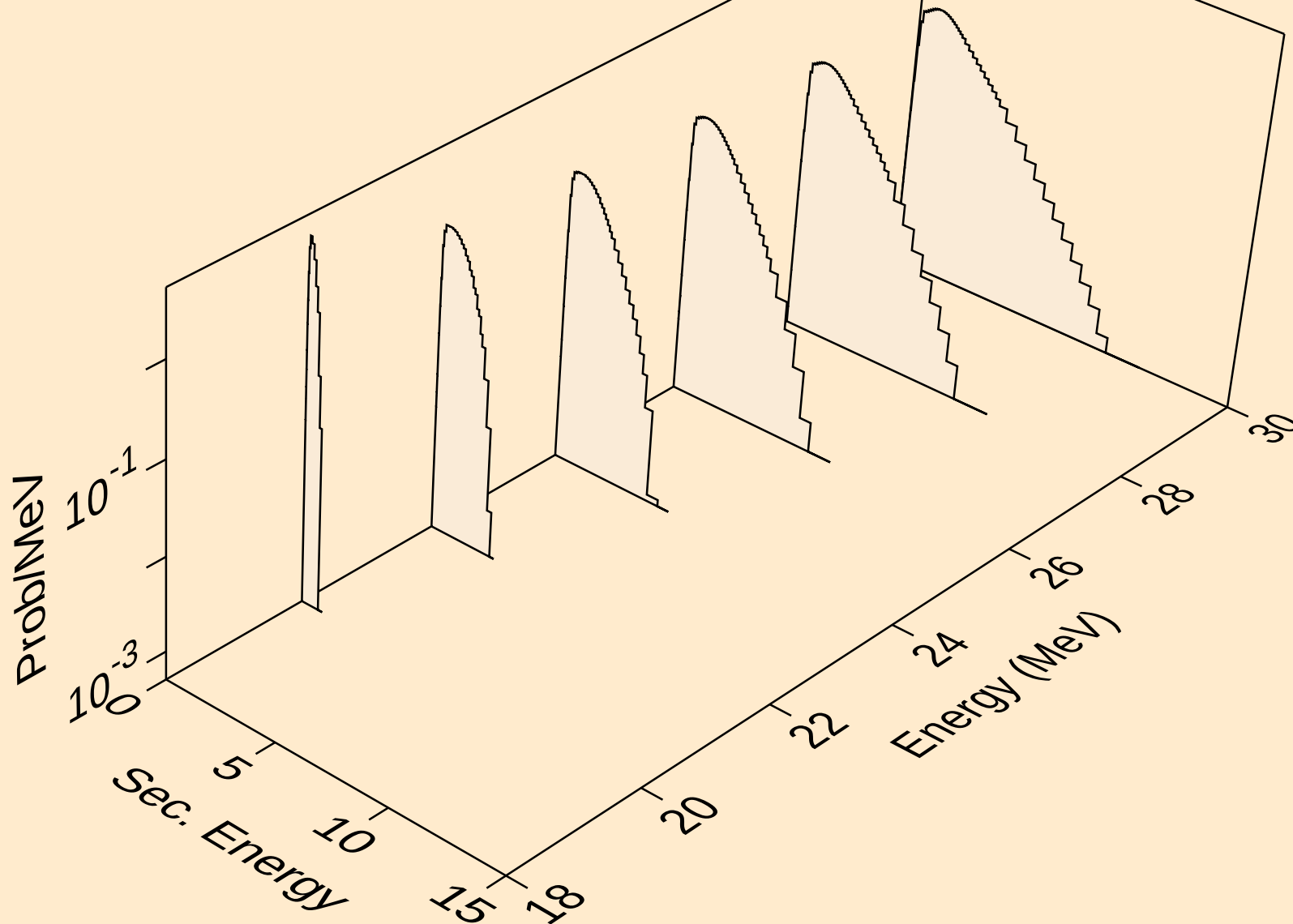
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



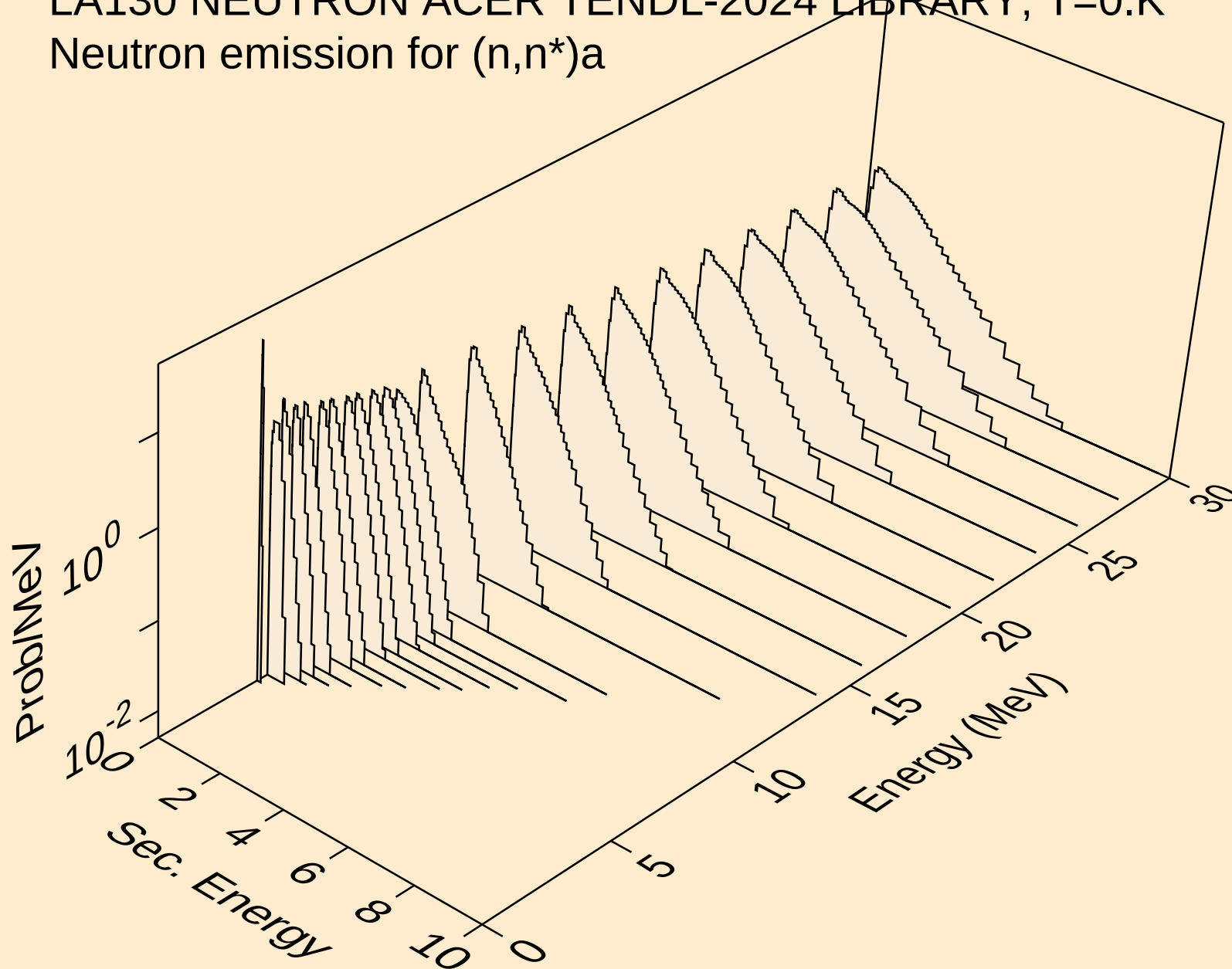
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



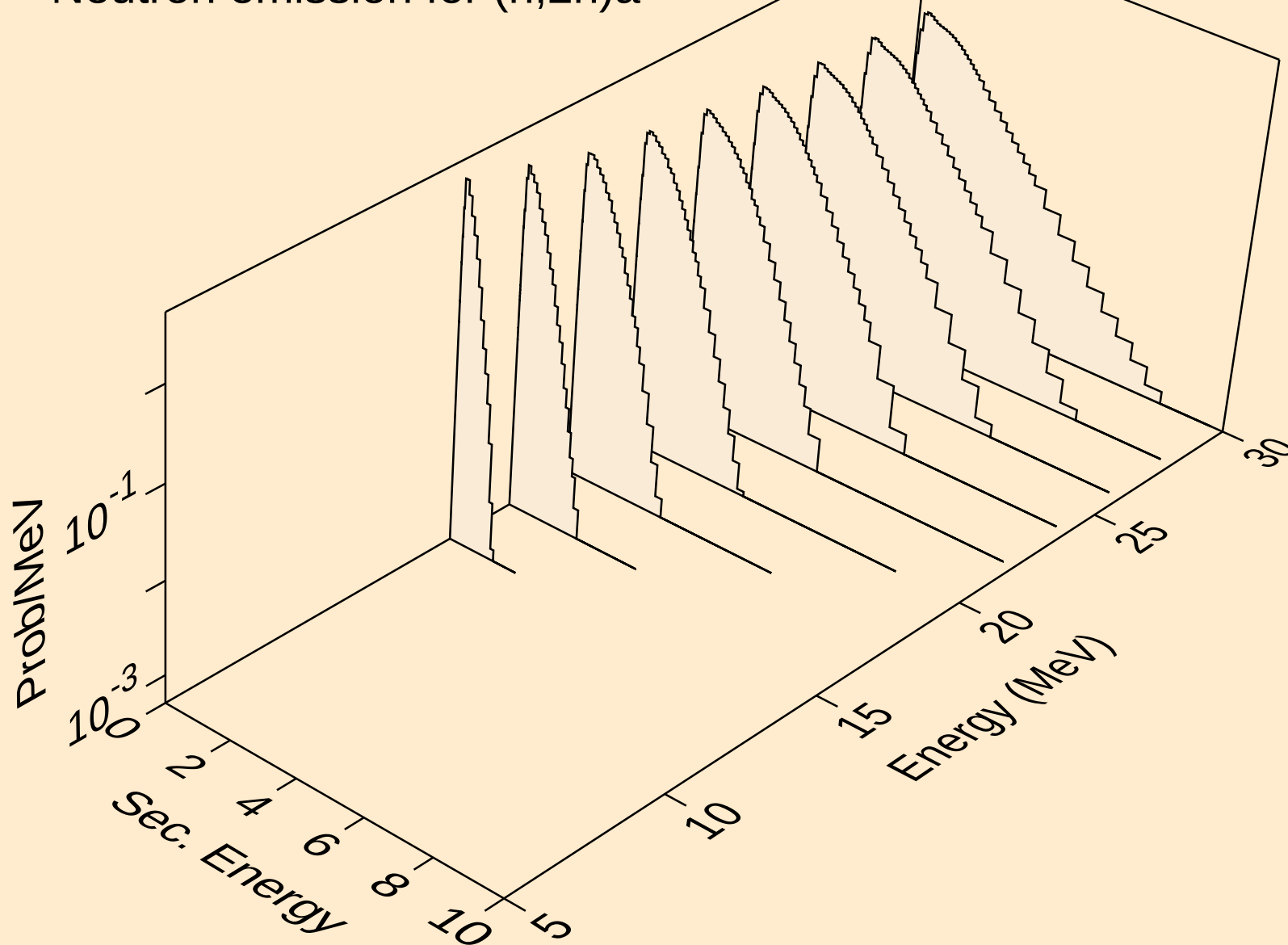
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

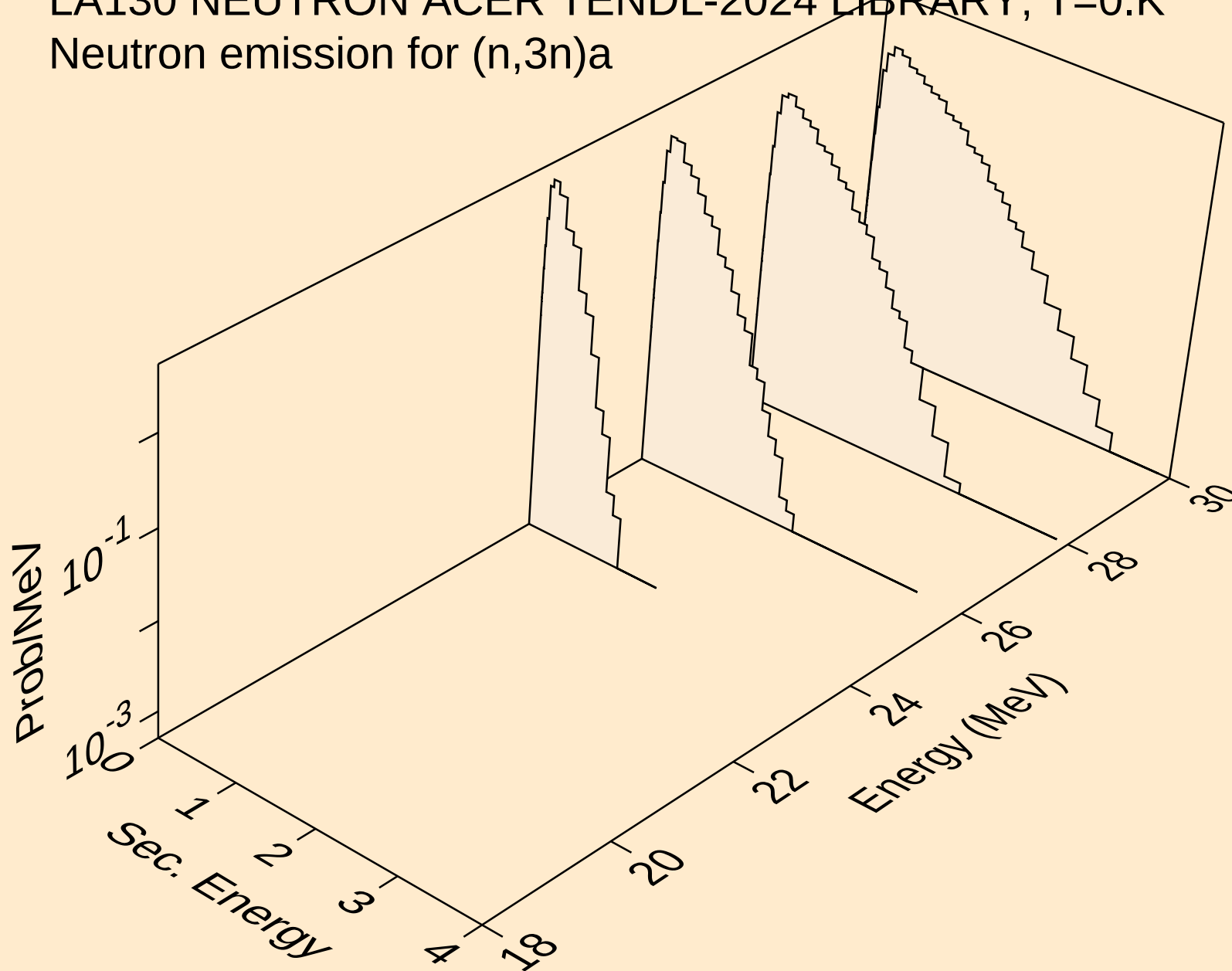


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>

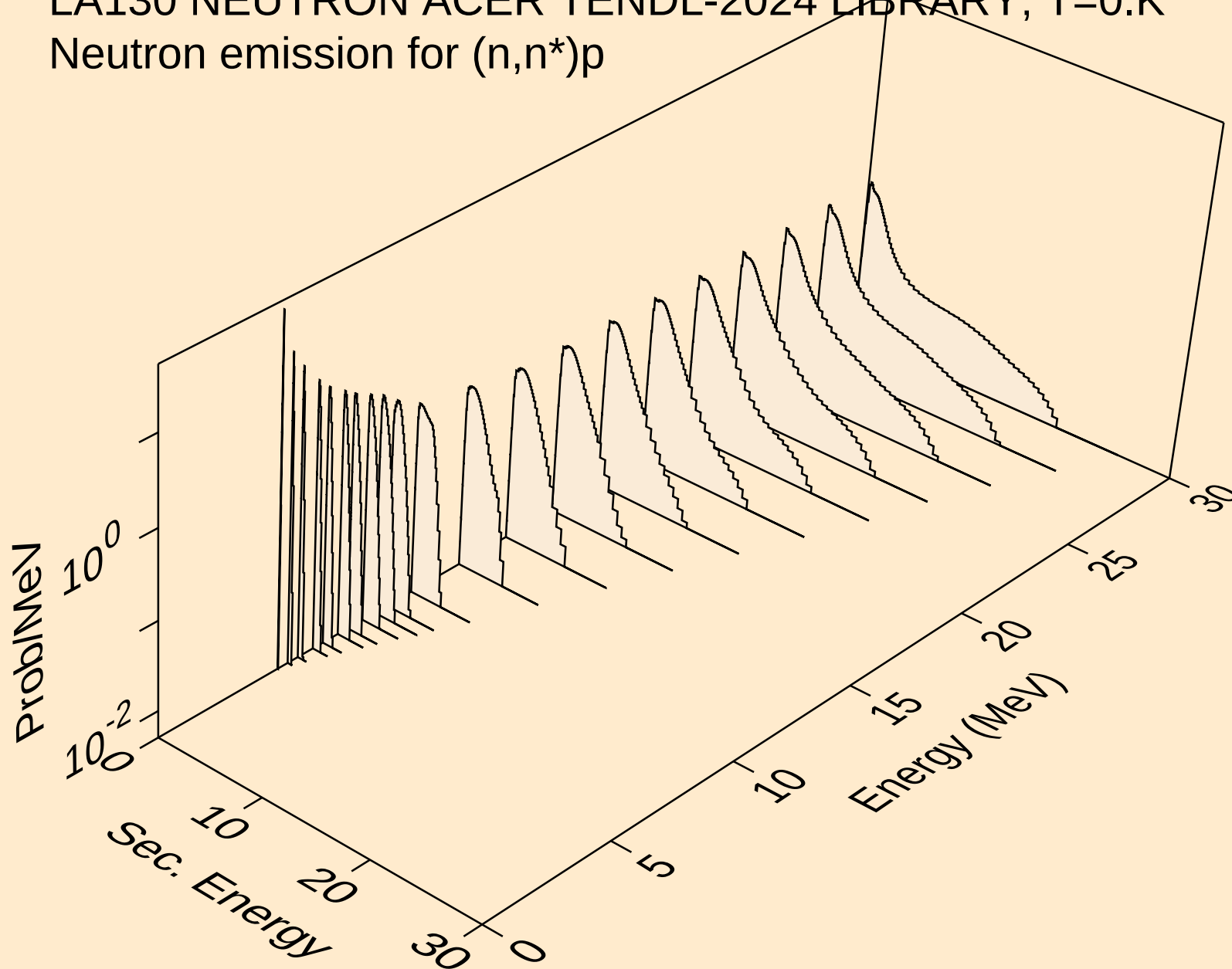




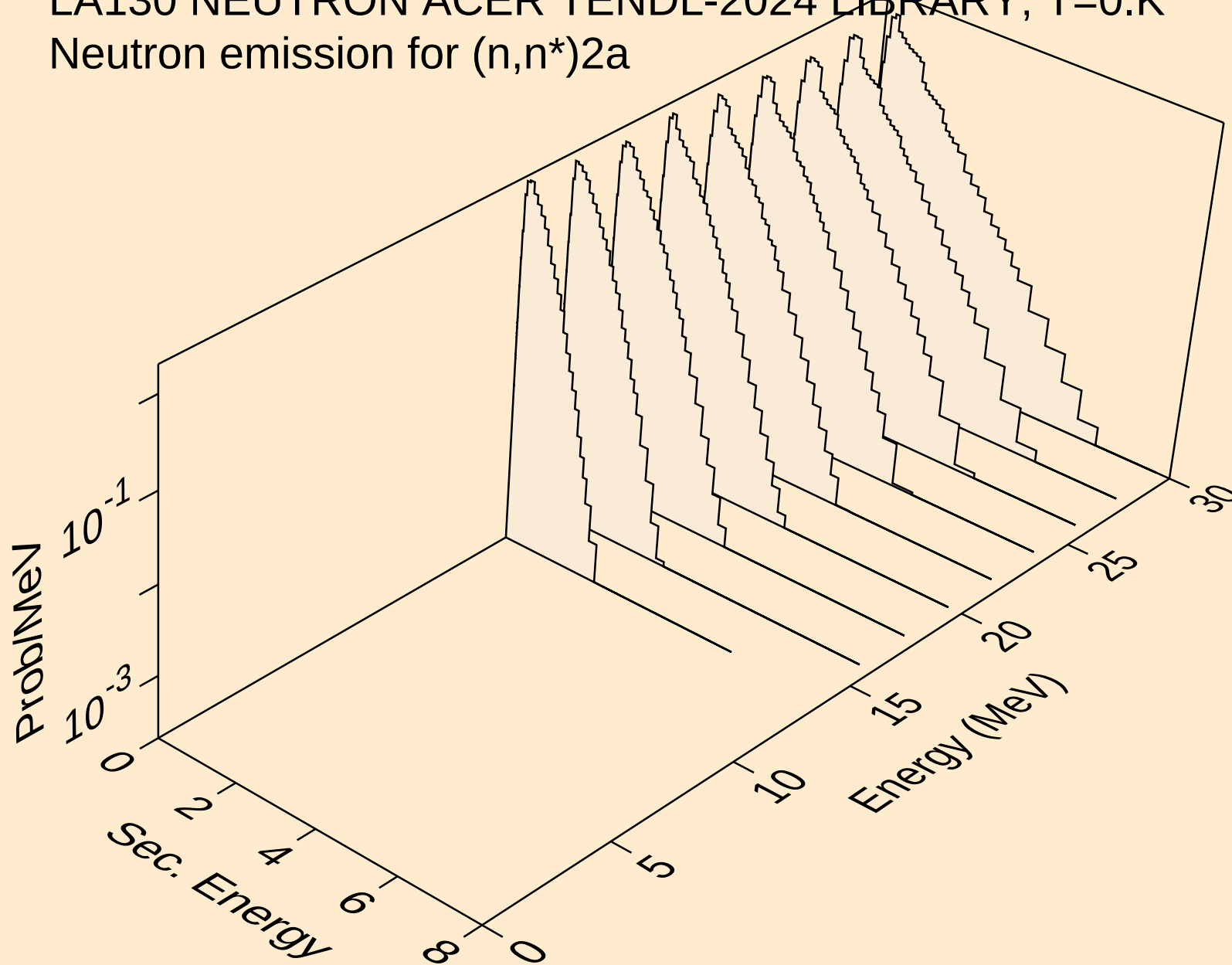
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



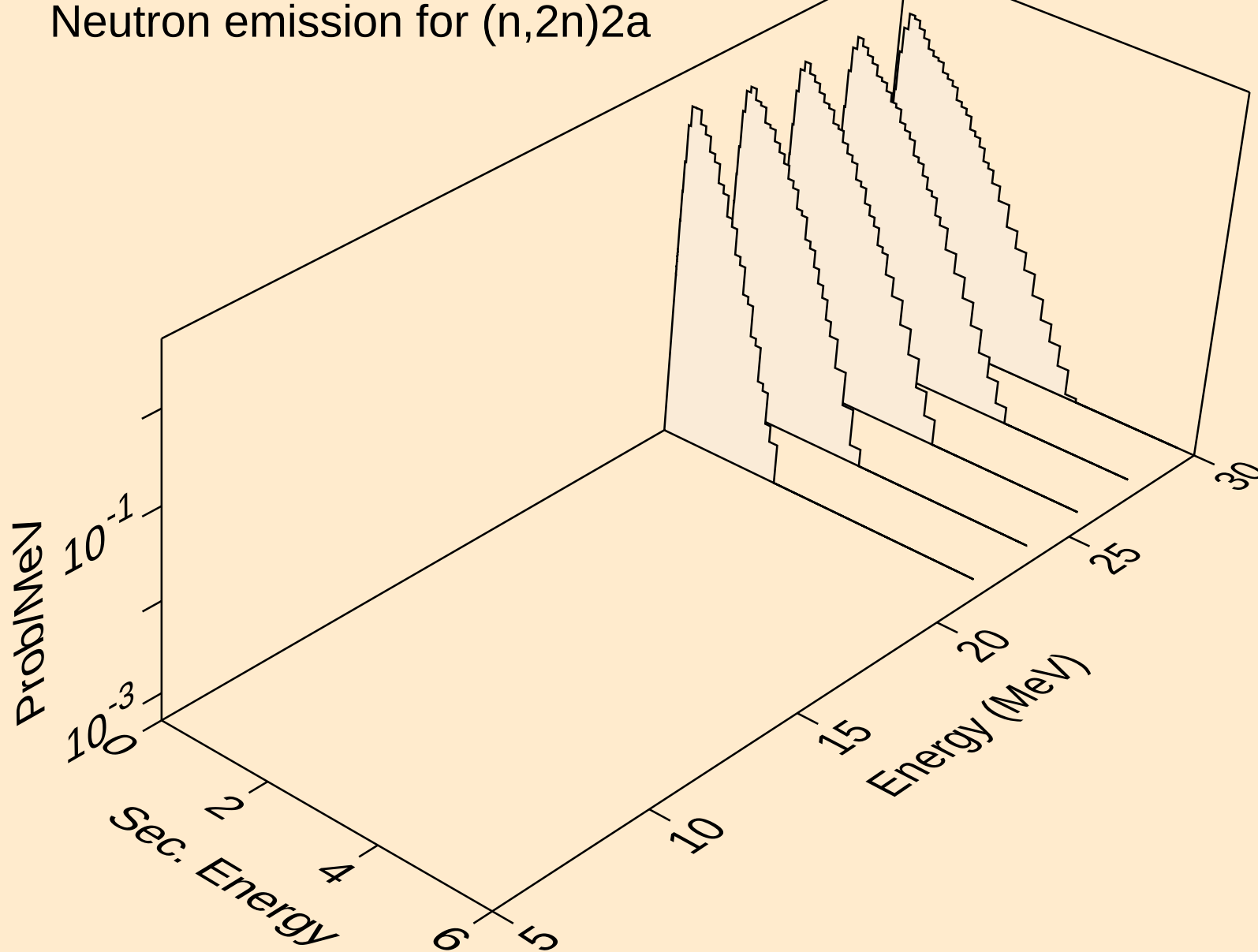
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



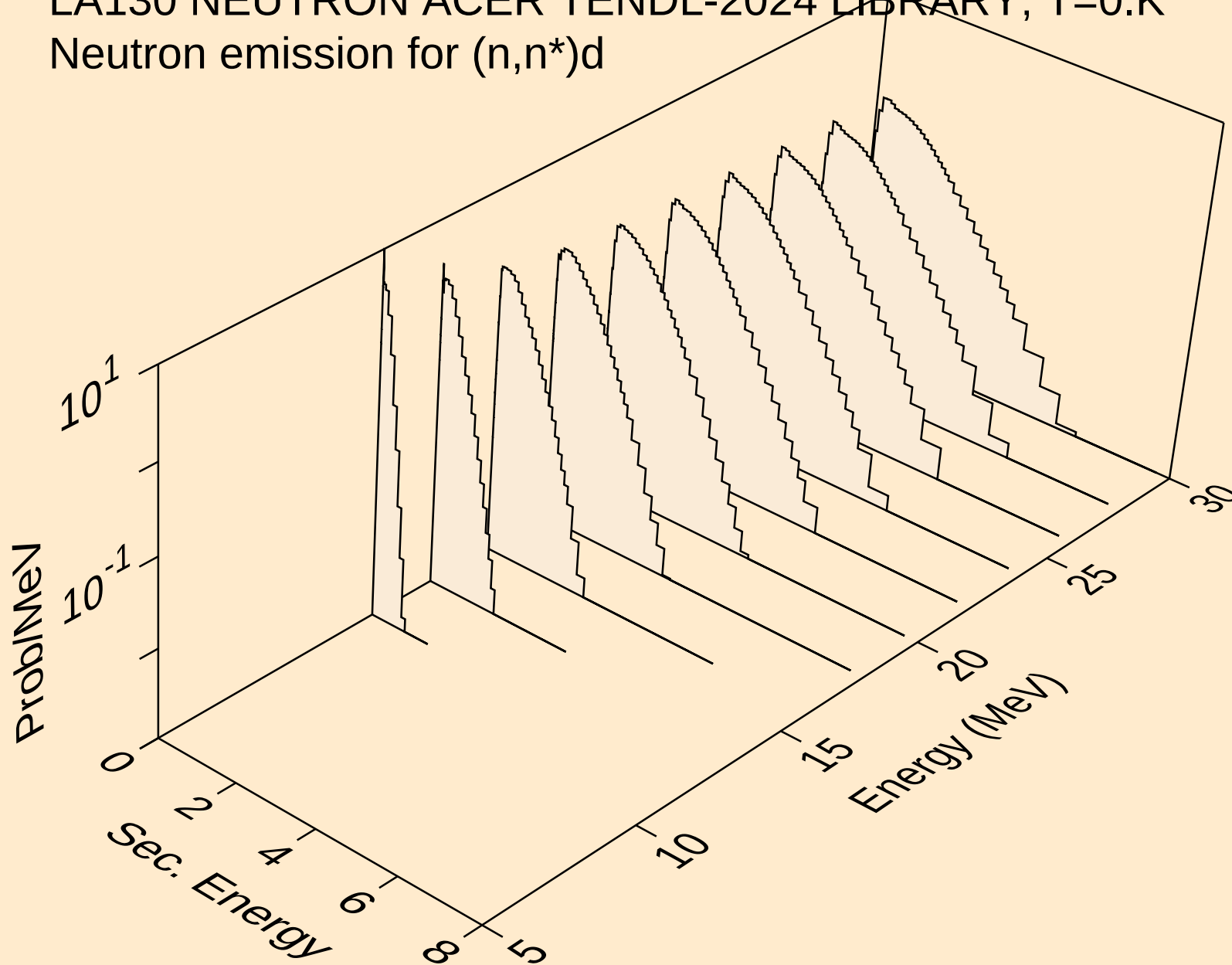
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

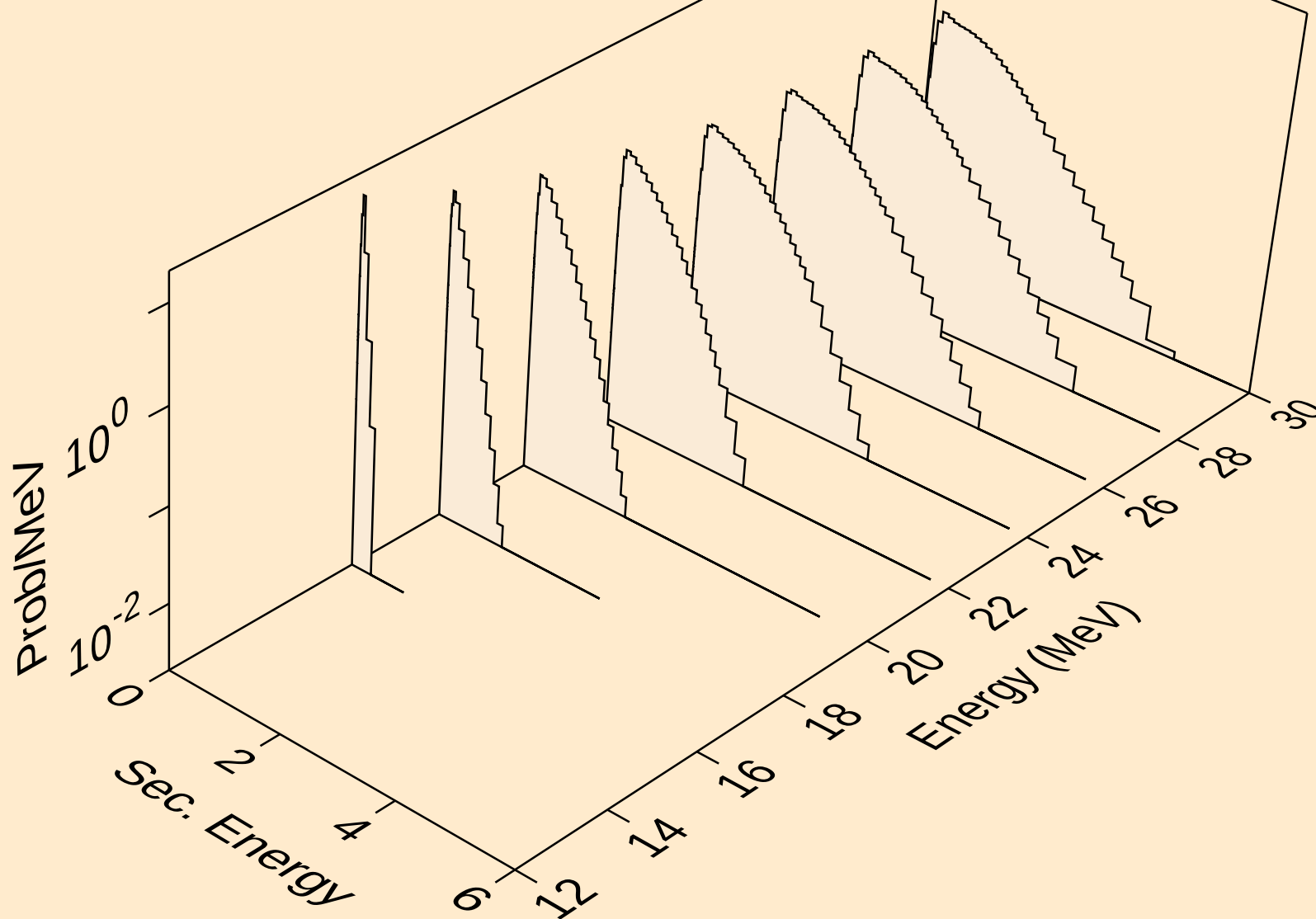


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

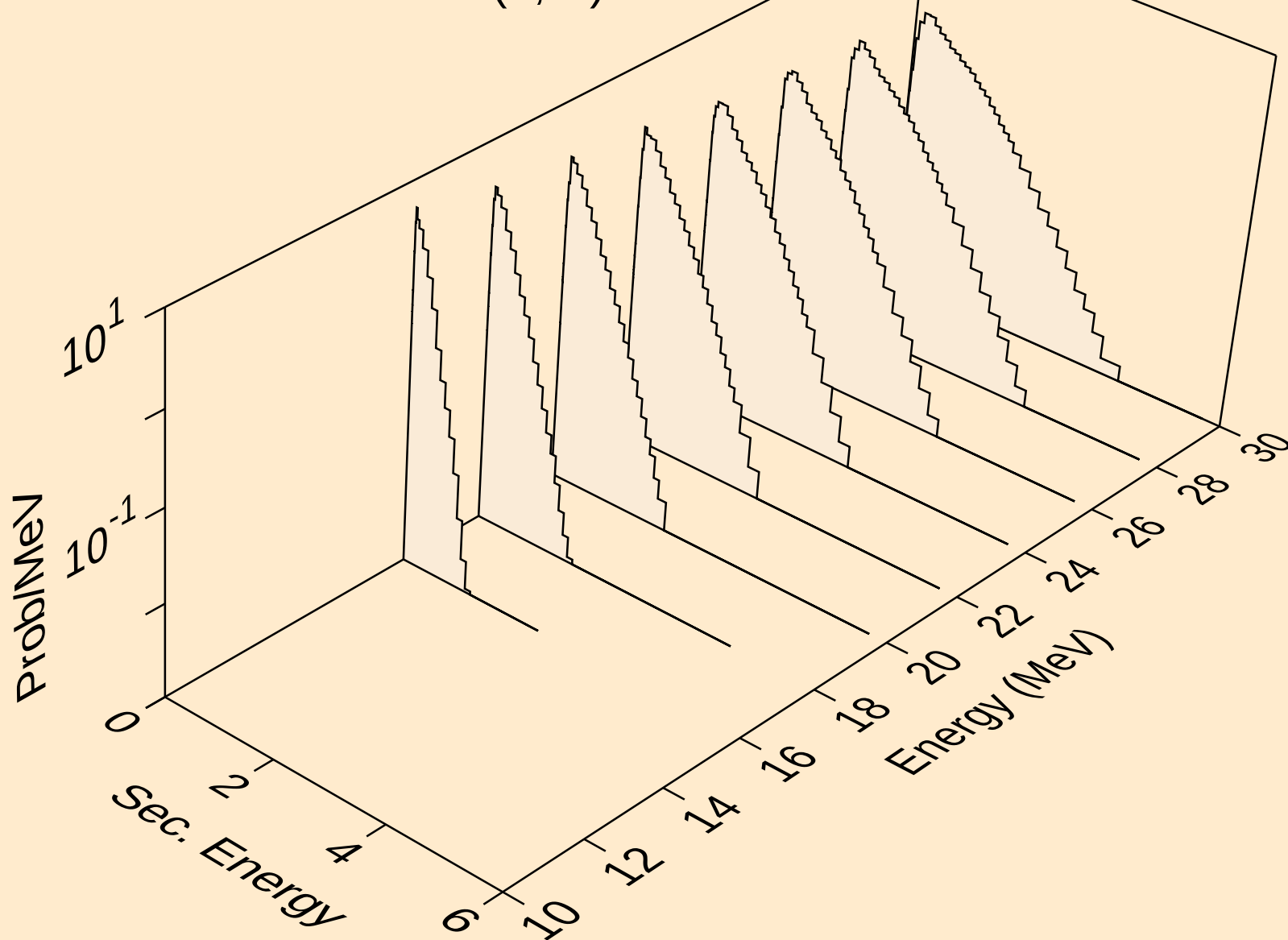


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

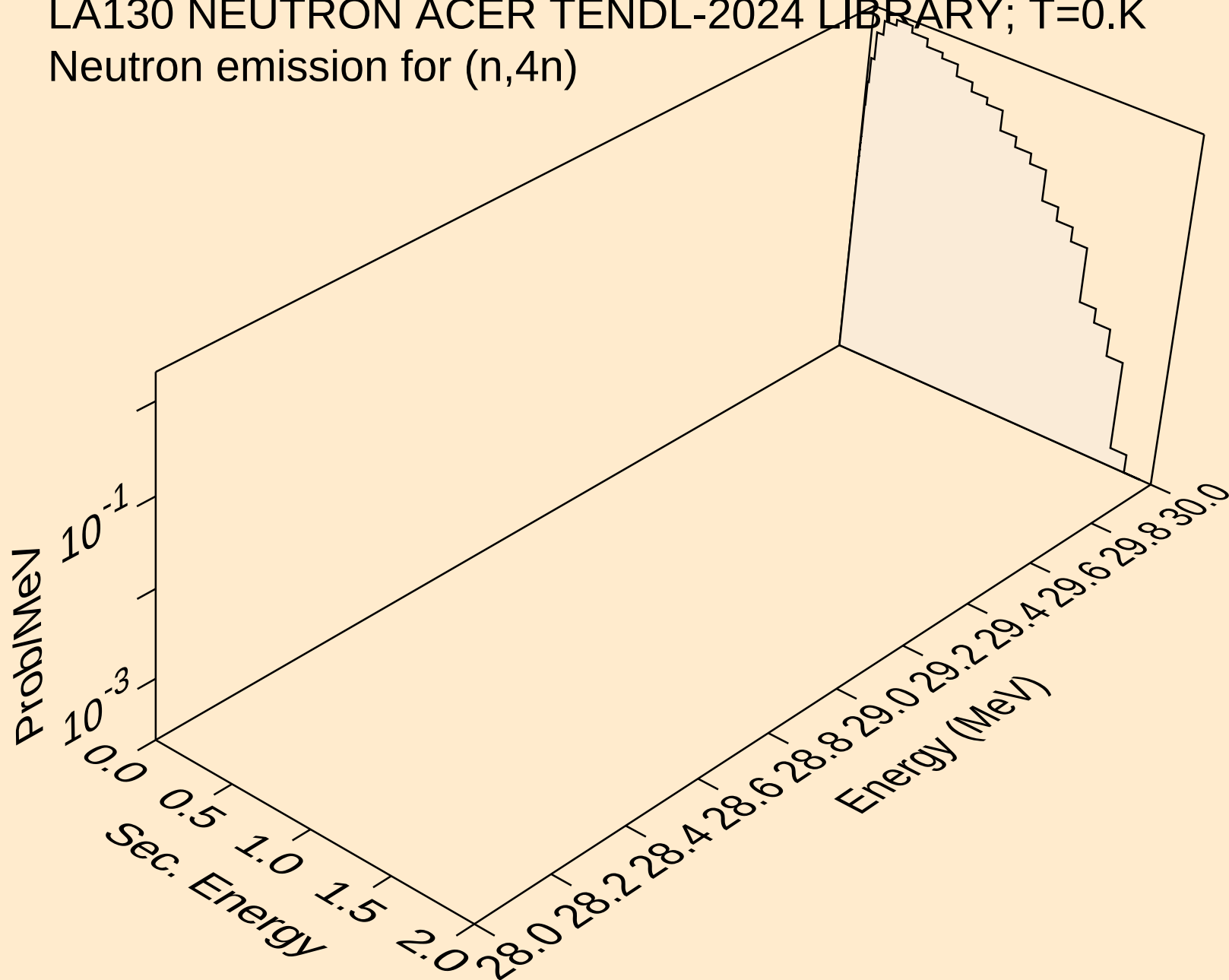
Neutron emission for (n,n\*)t



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

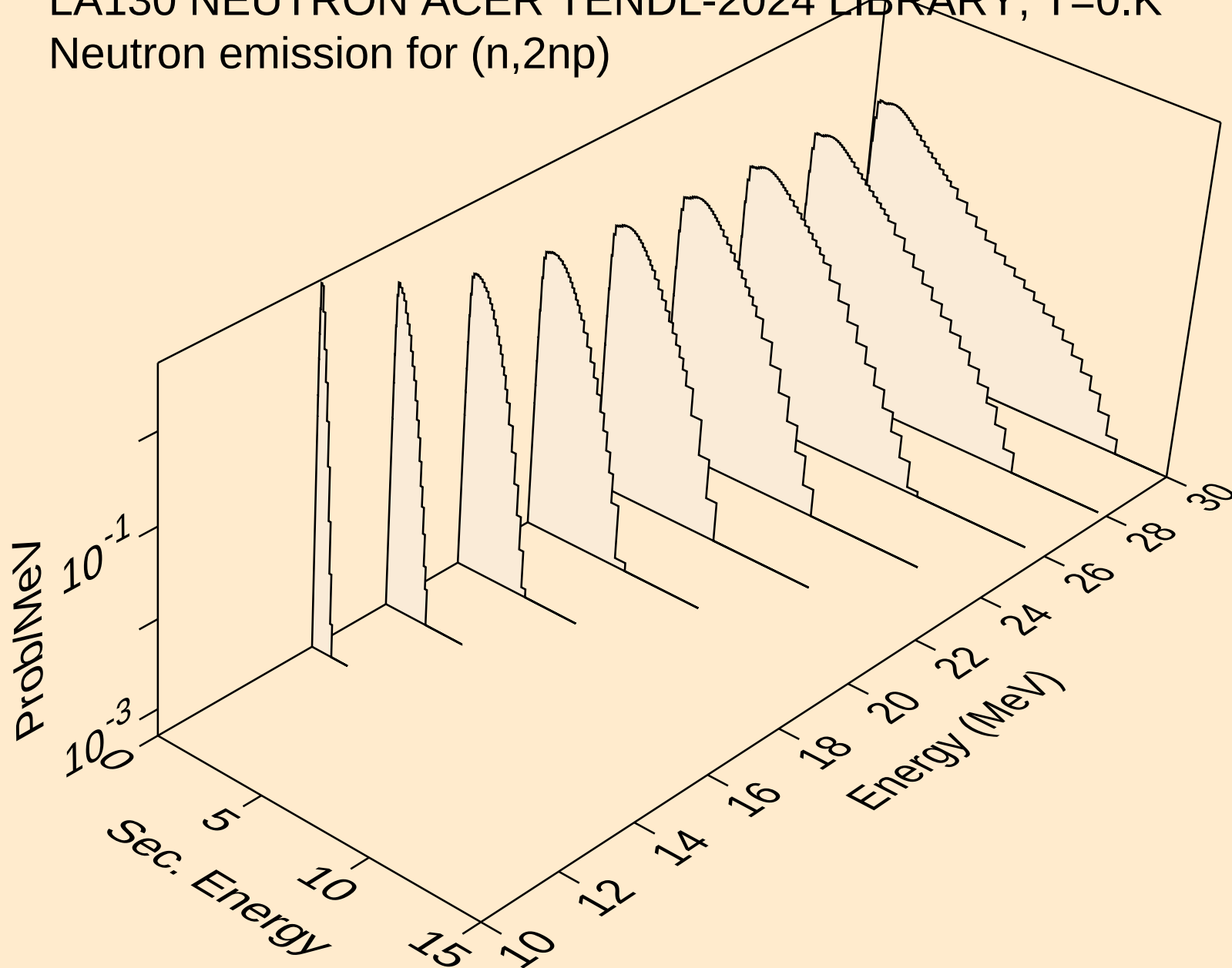


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

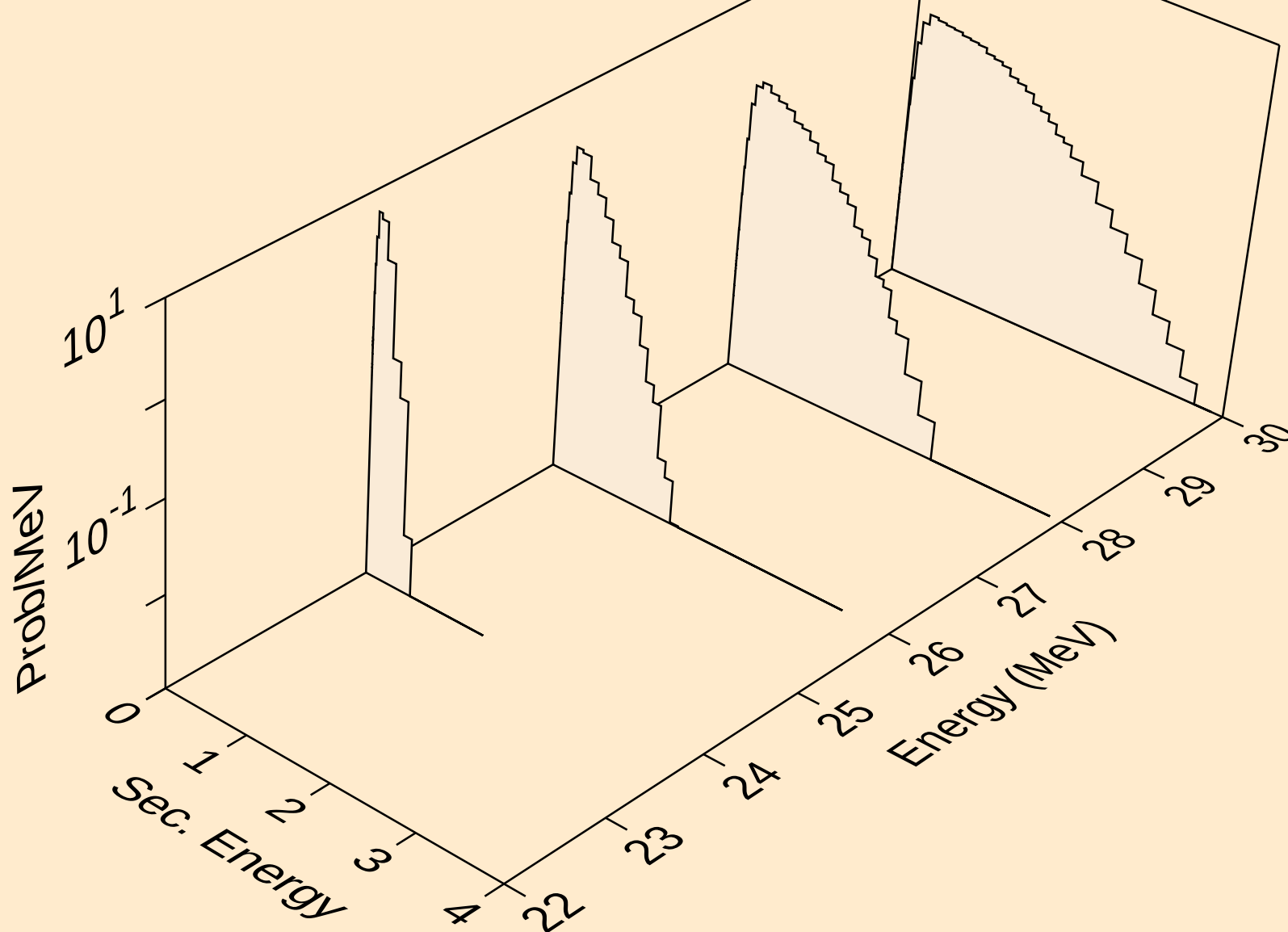




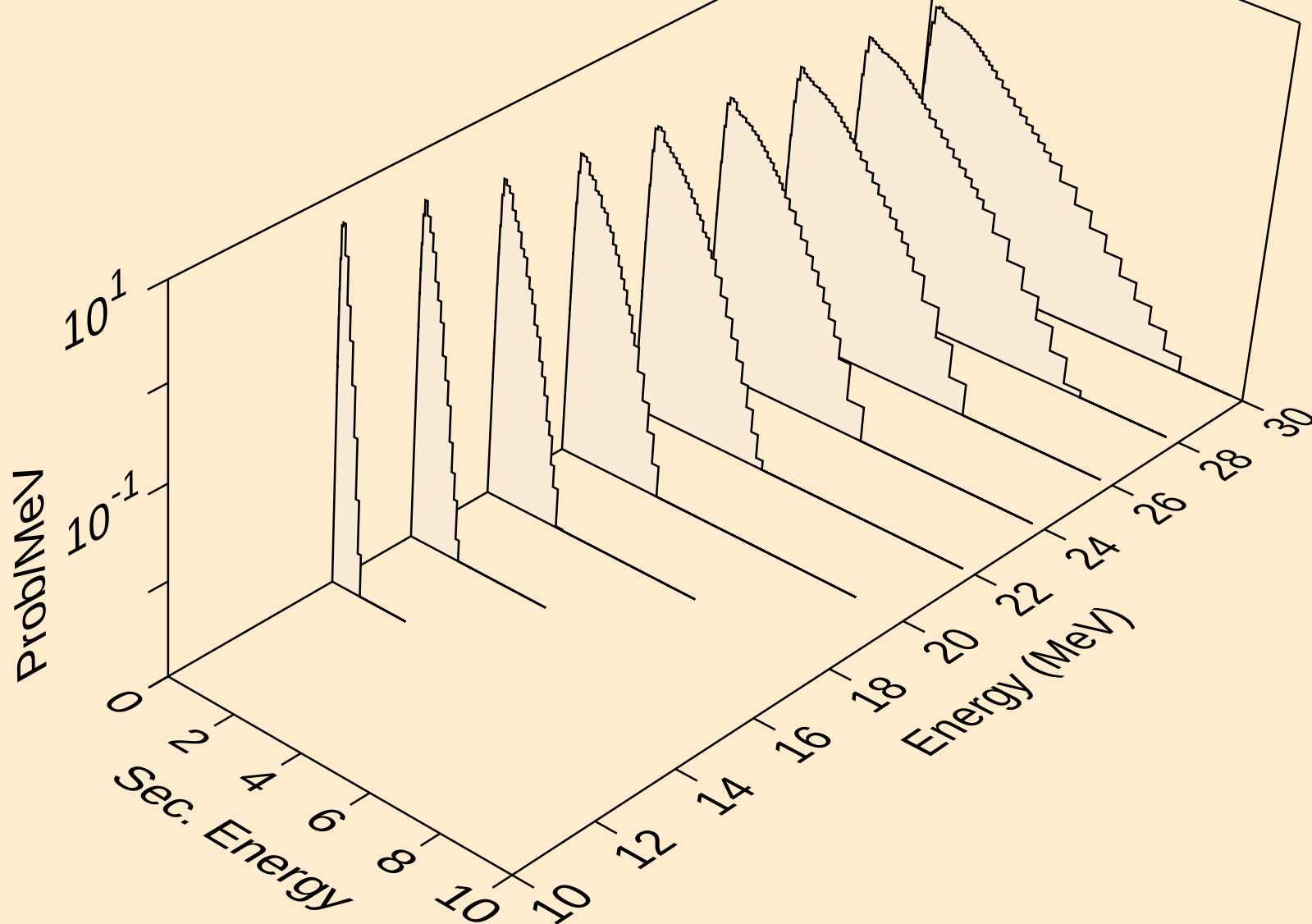
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



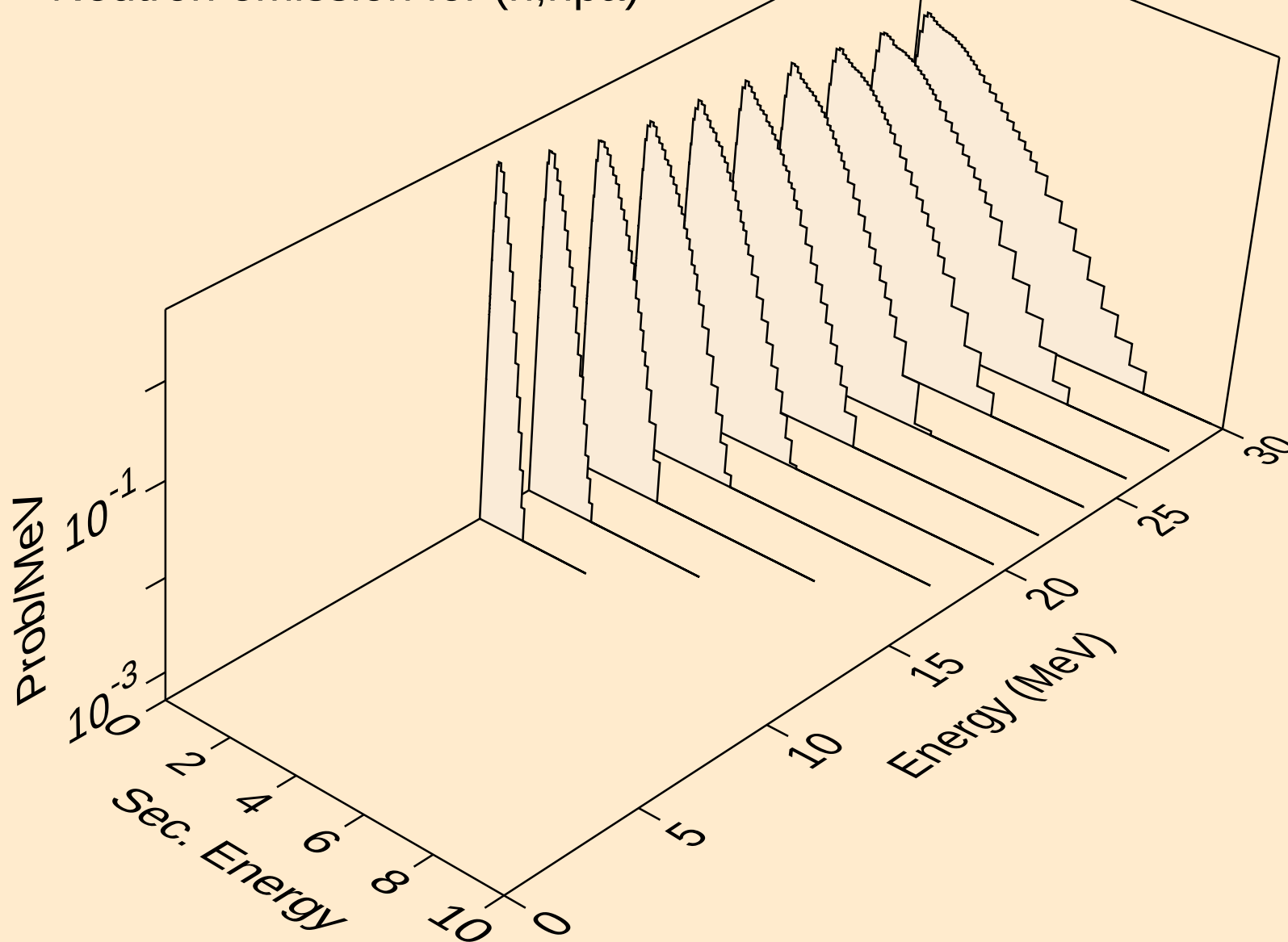
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



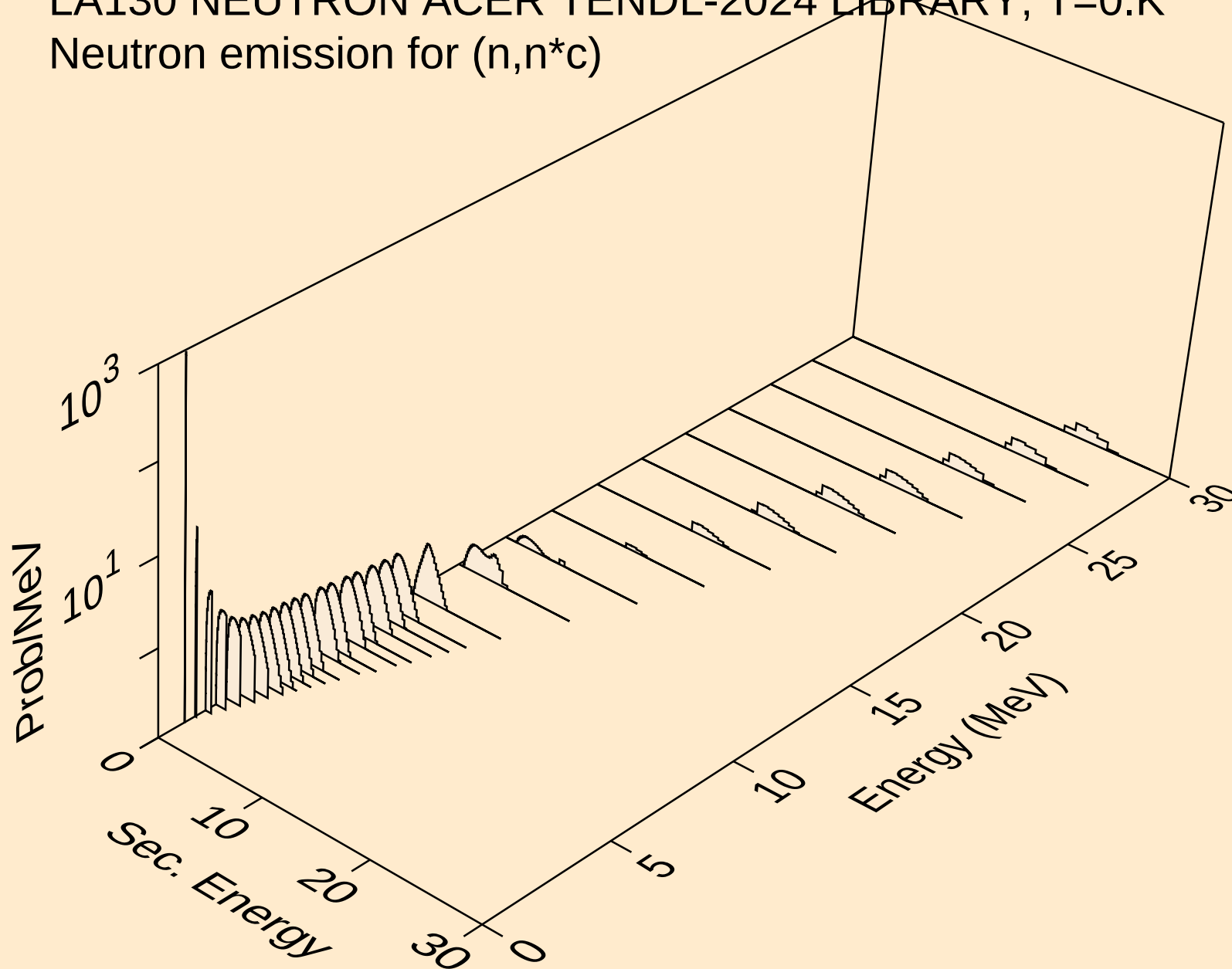
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



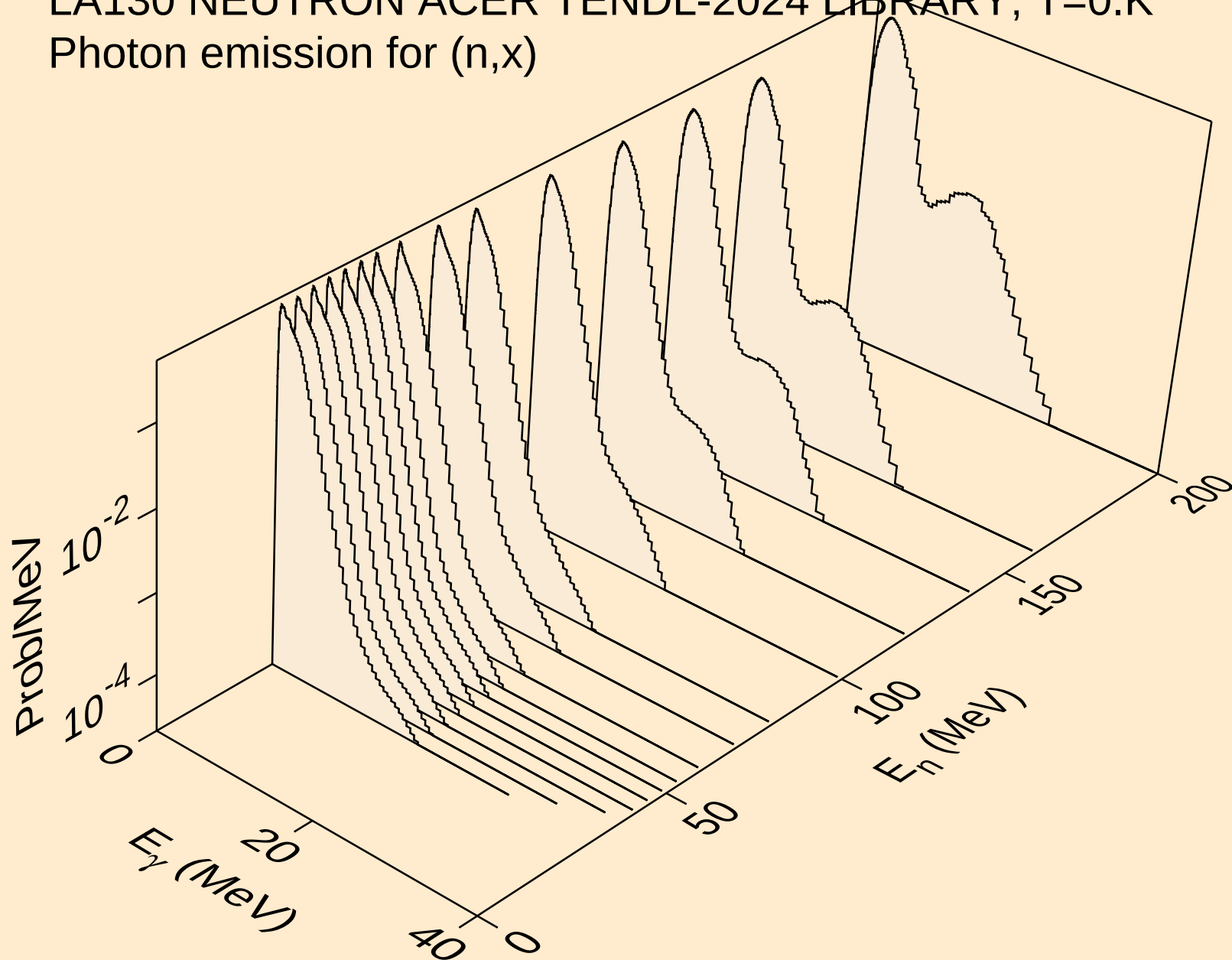
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



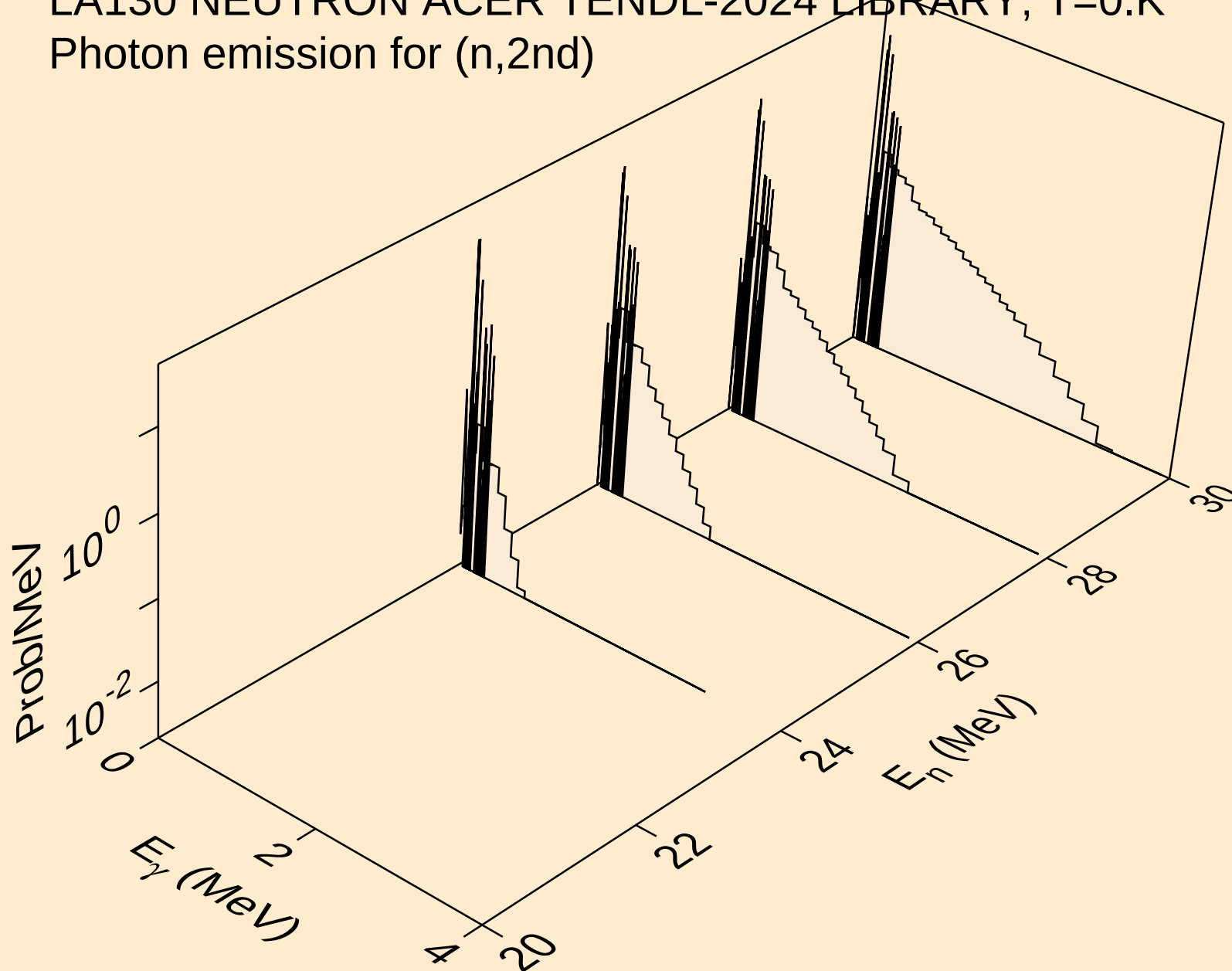
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



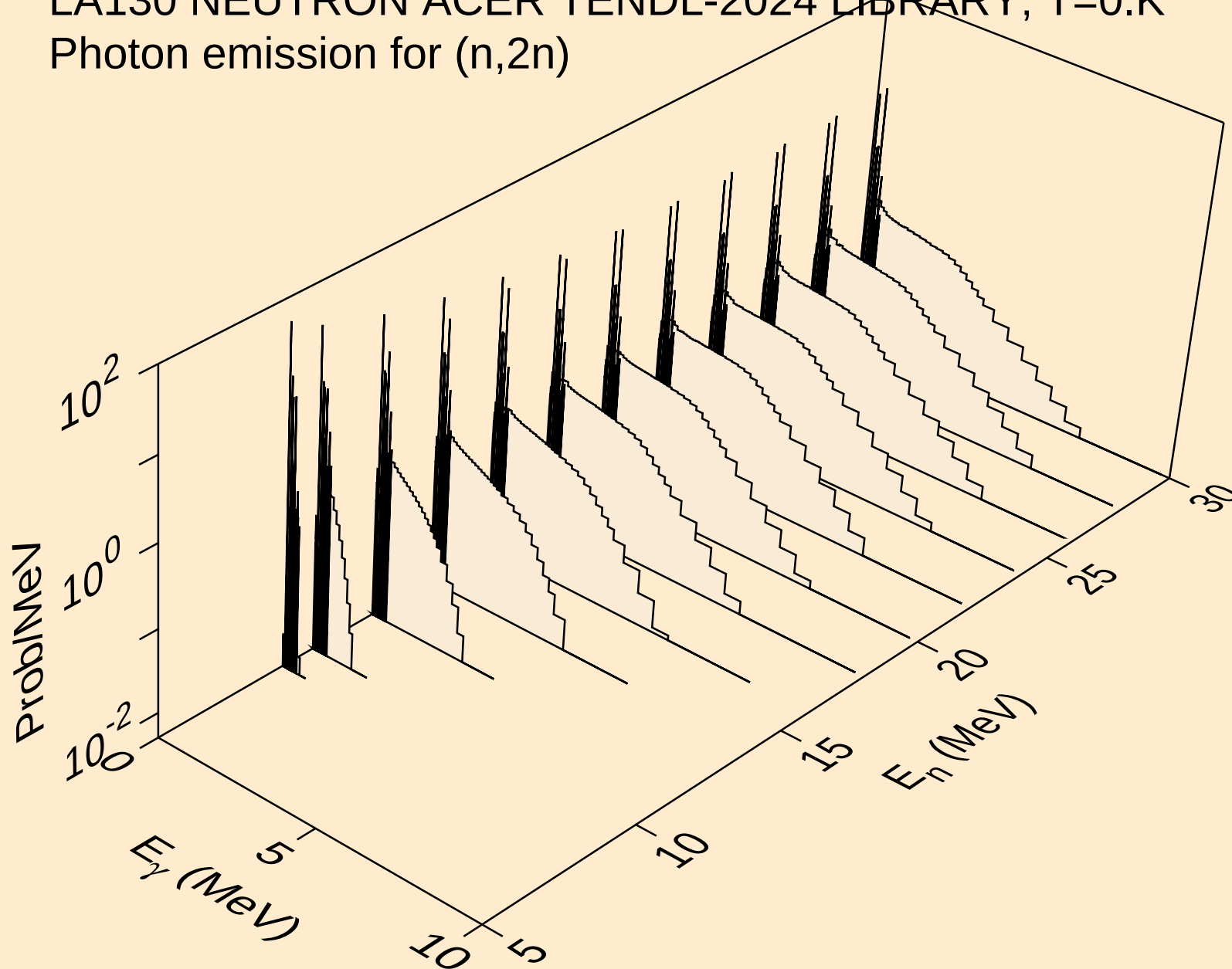
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

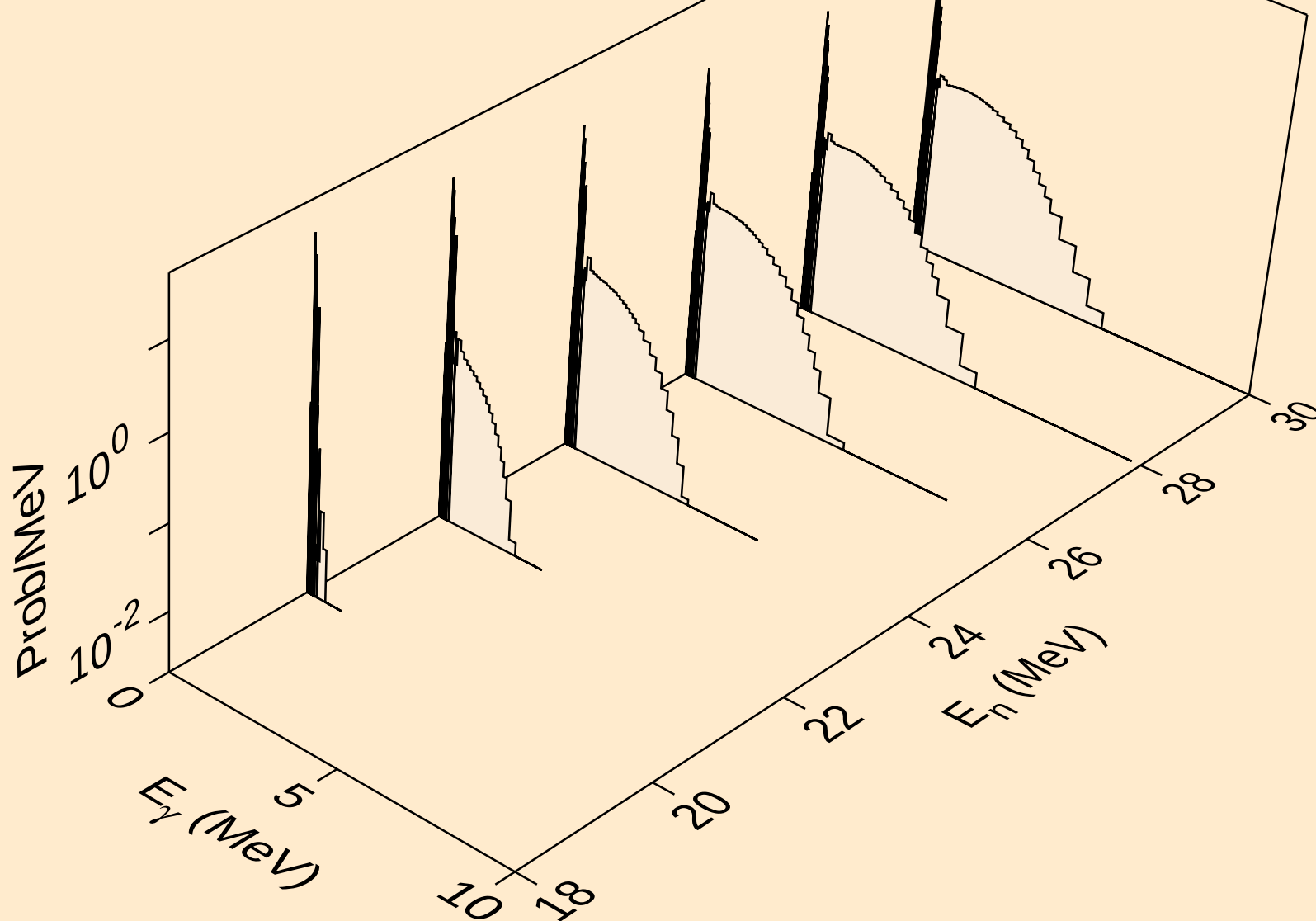


LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



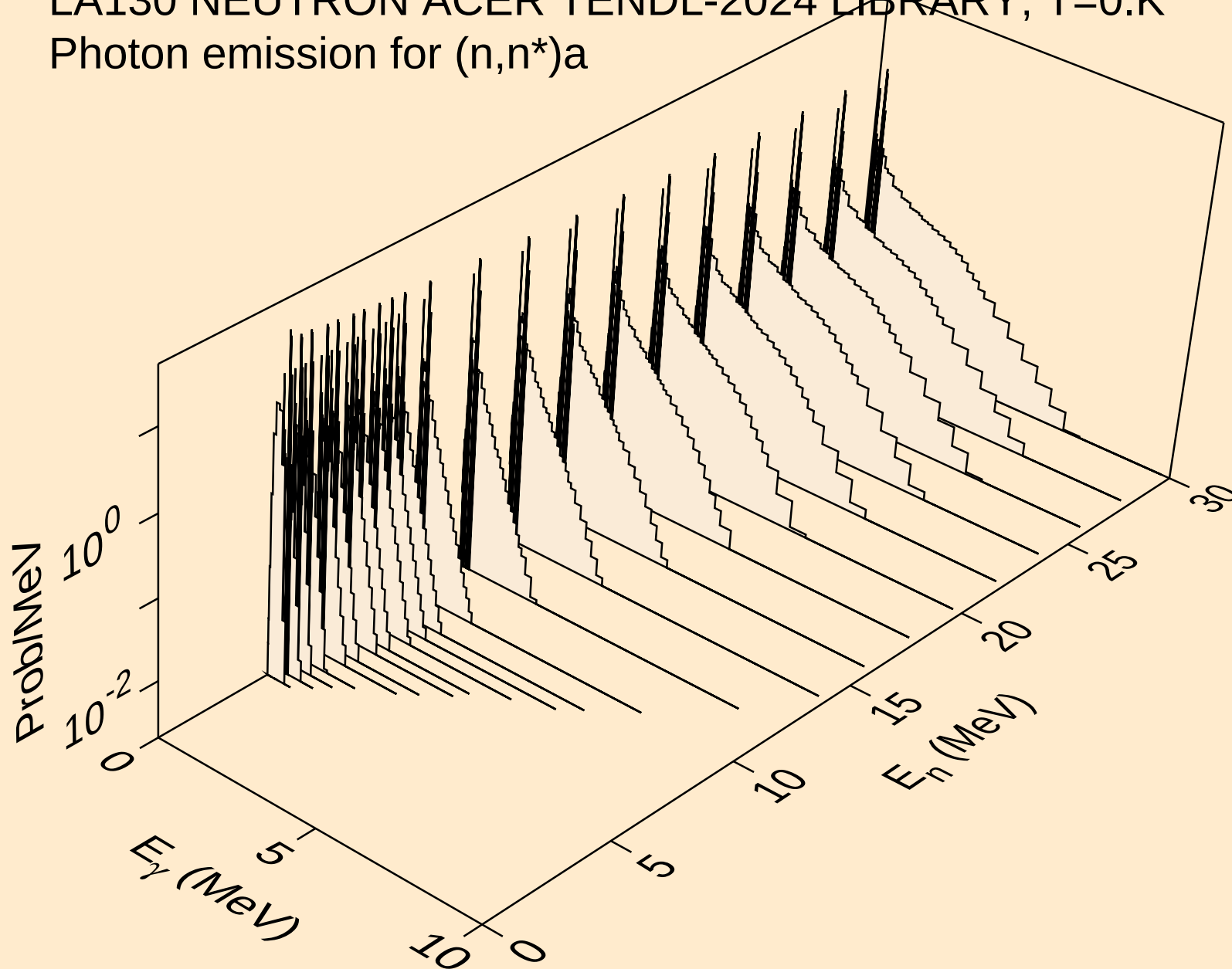


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



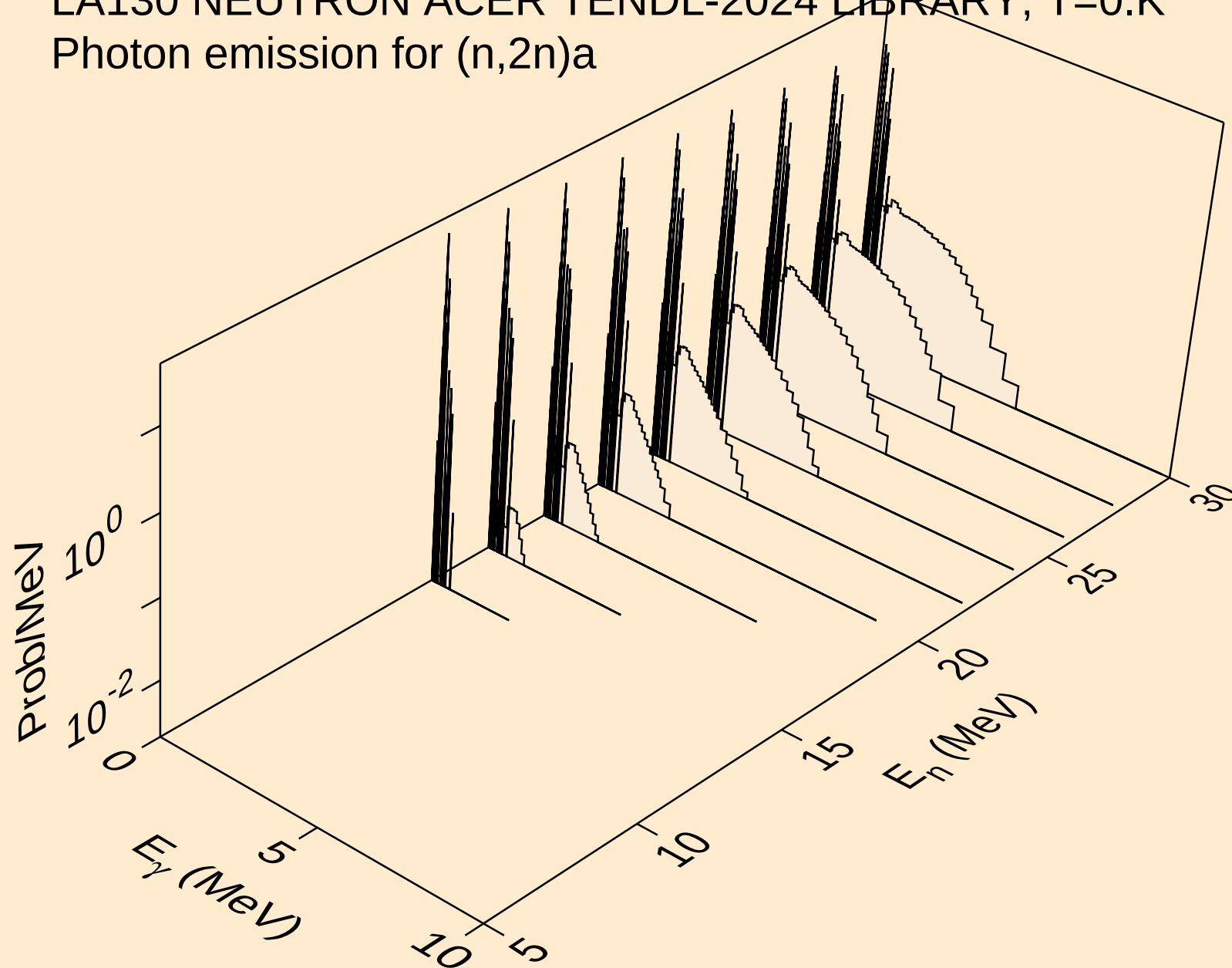
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



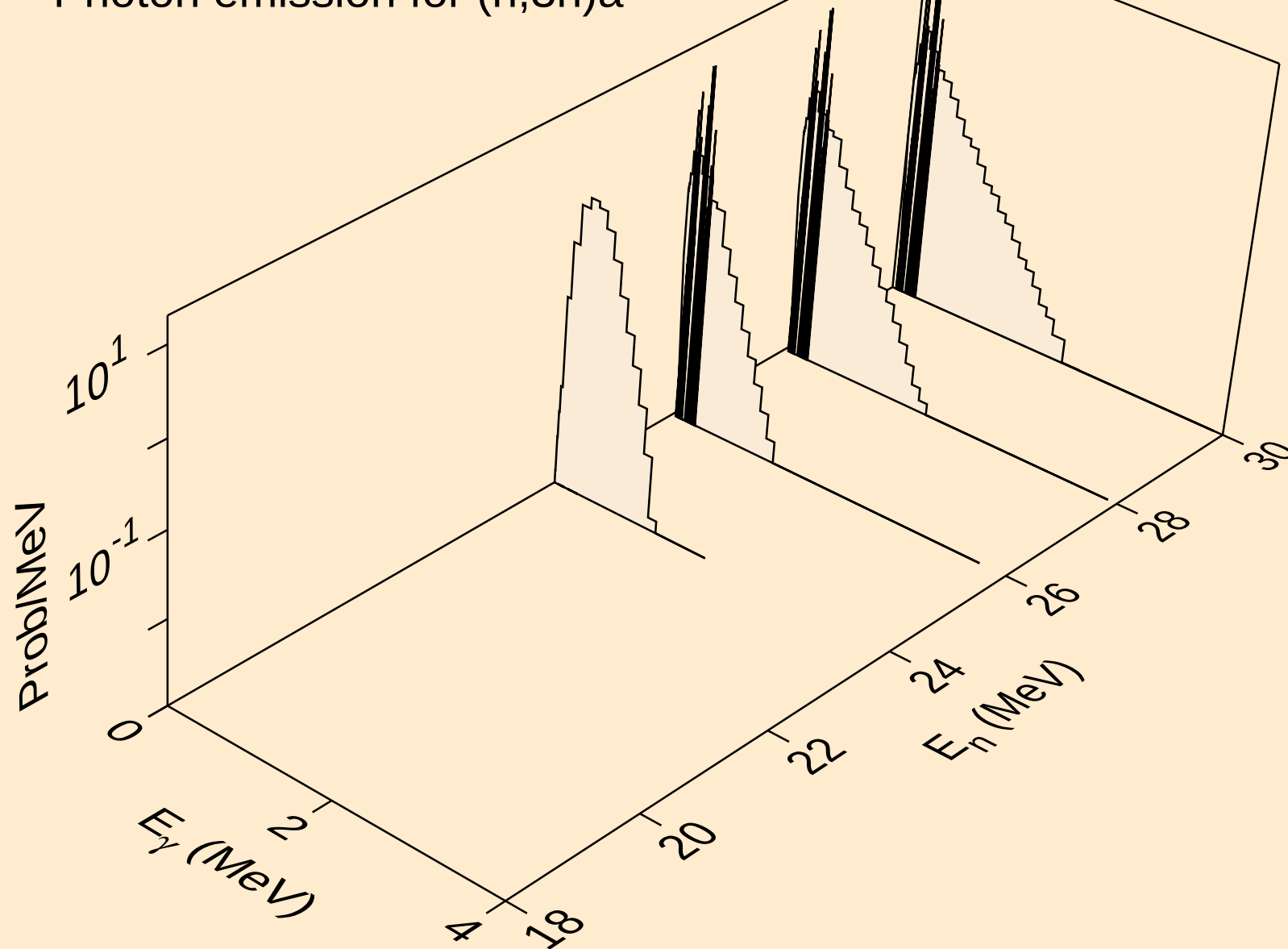
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

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



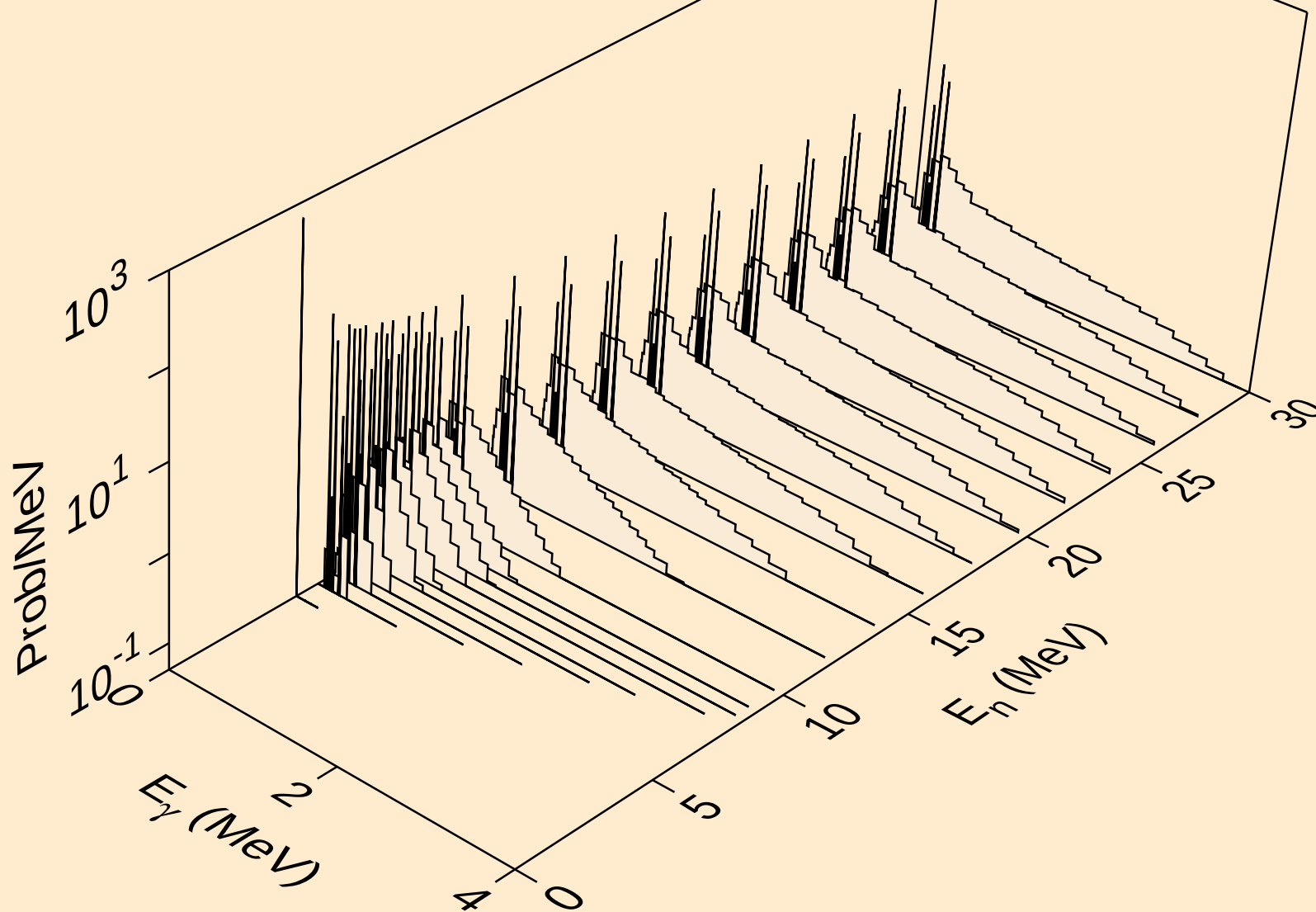
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

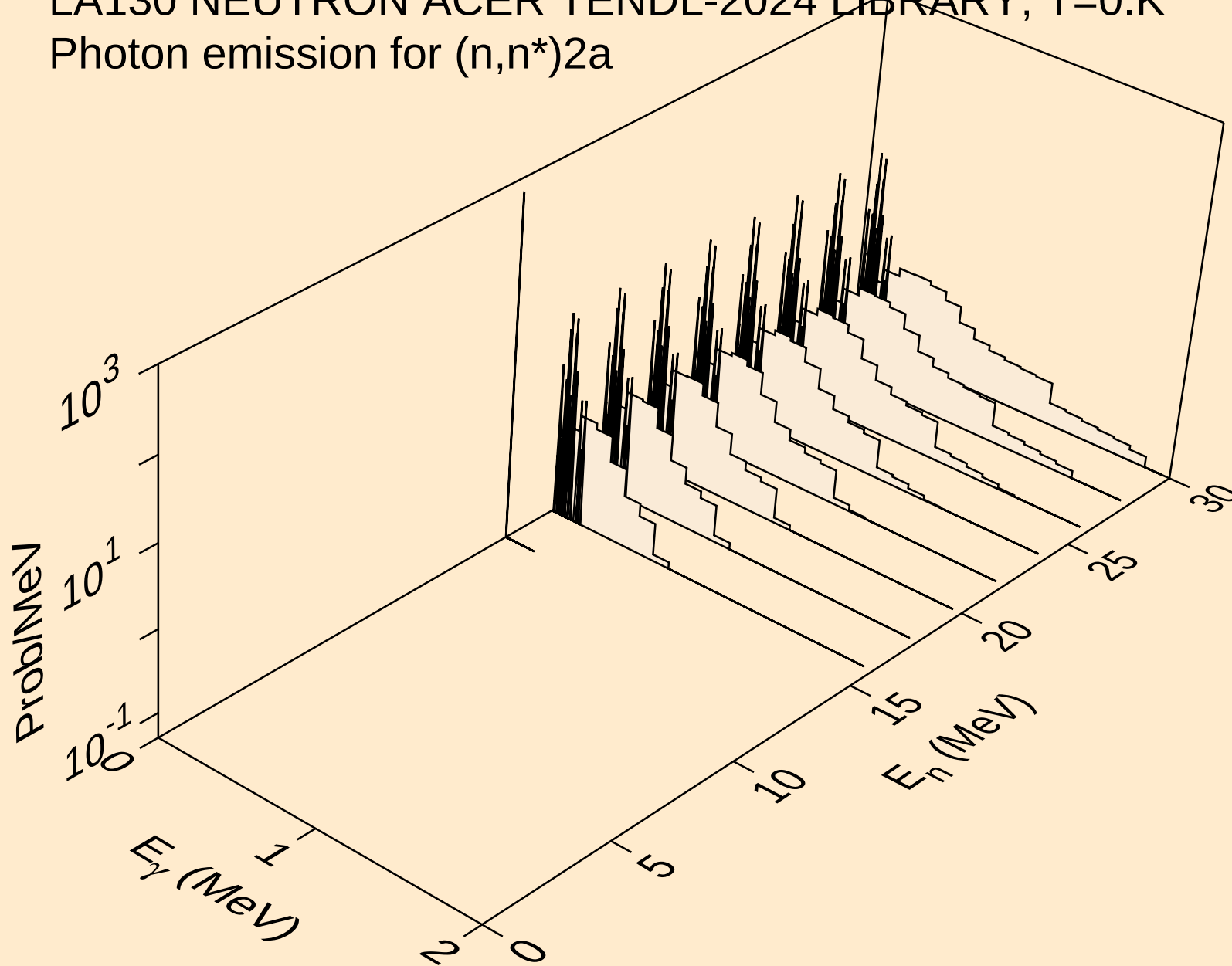


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

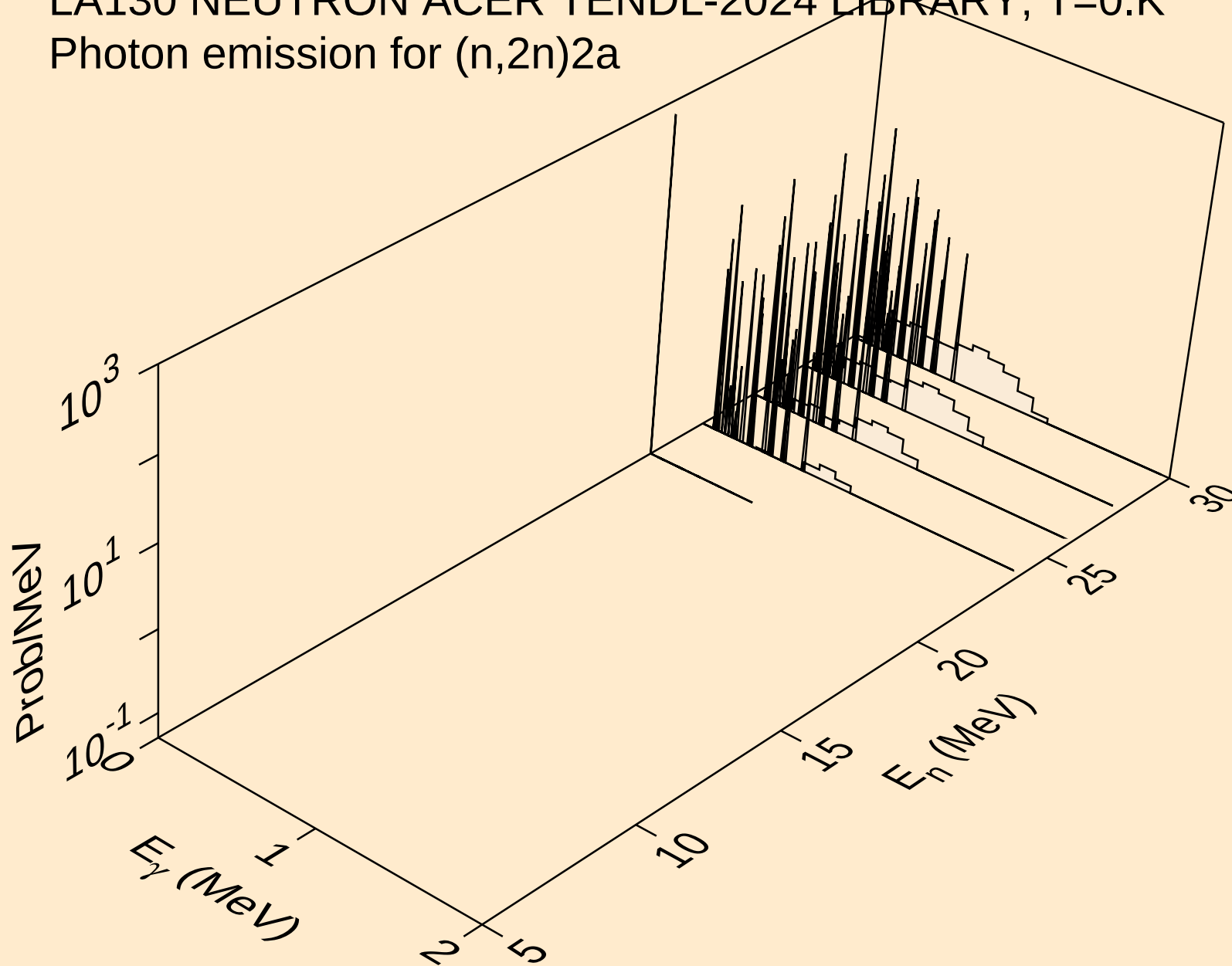
Photon emission for (n,n\*)p



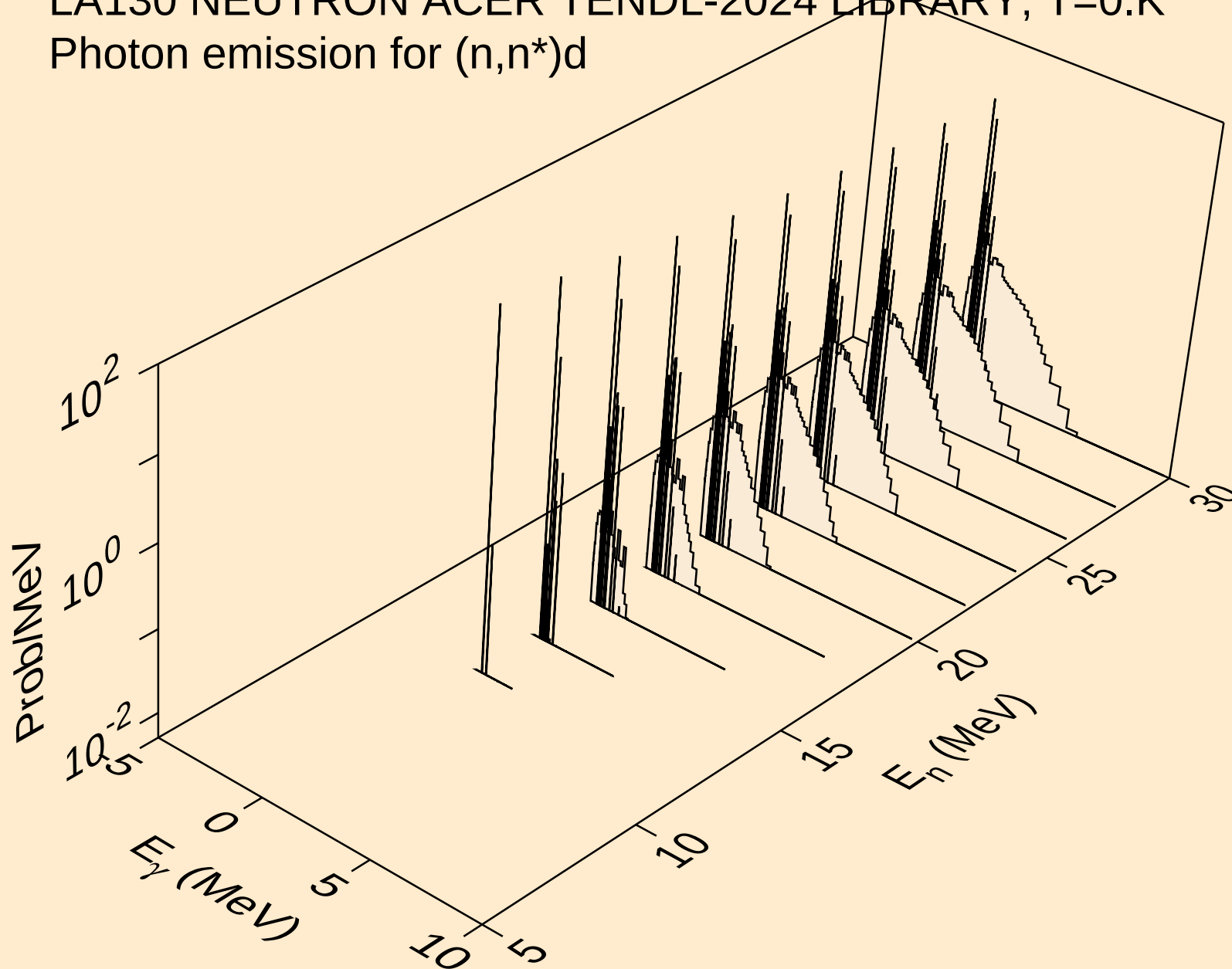
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,2n)2a$



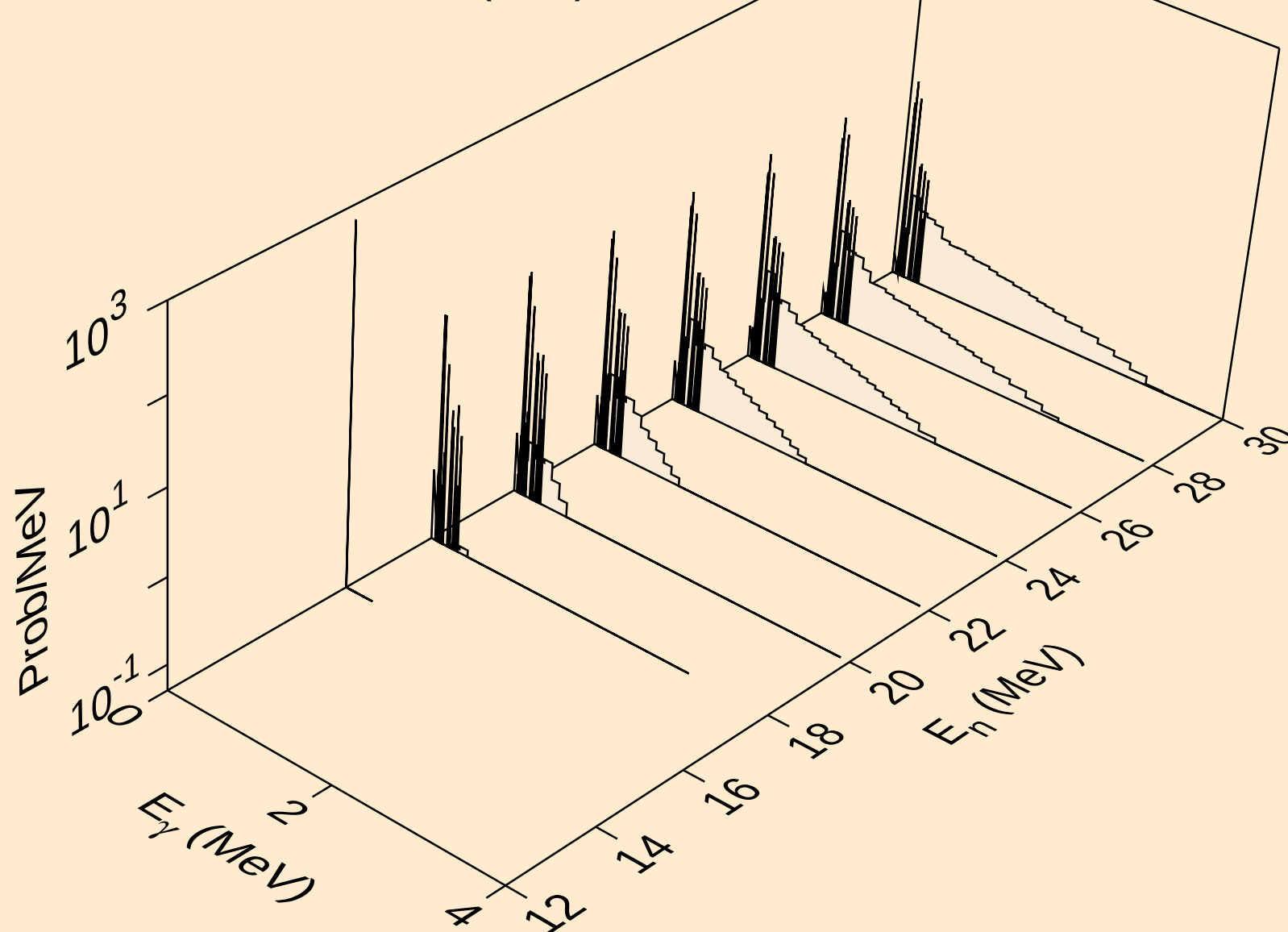
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)d$



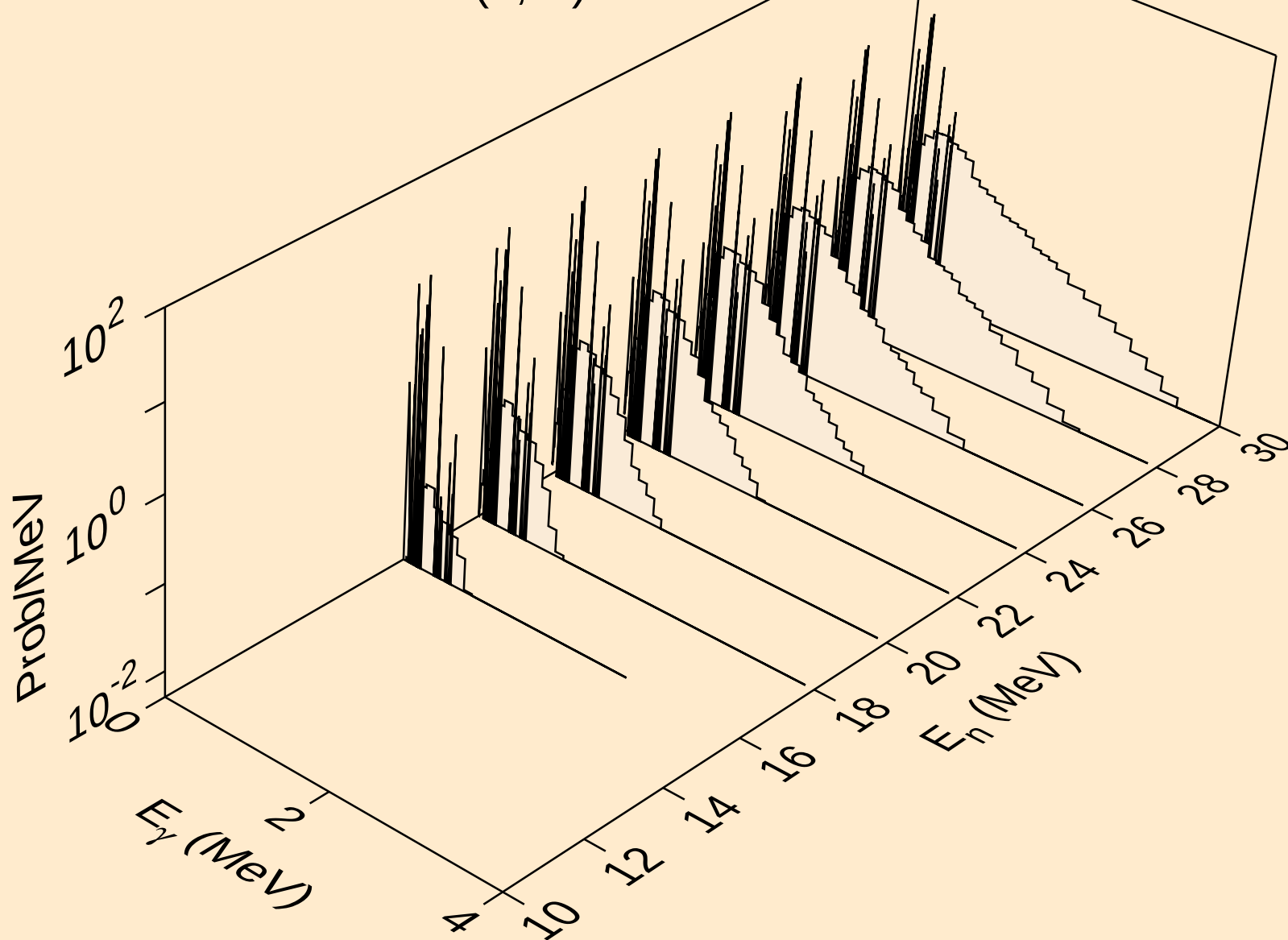


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

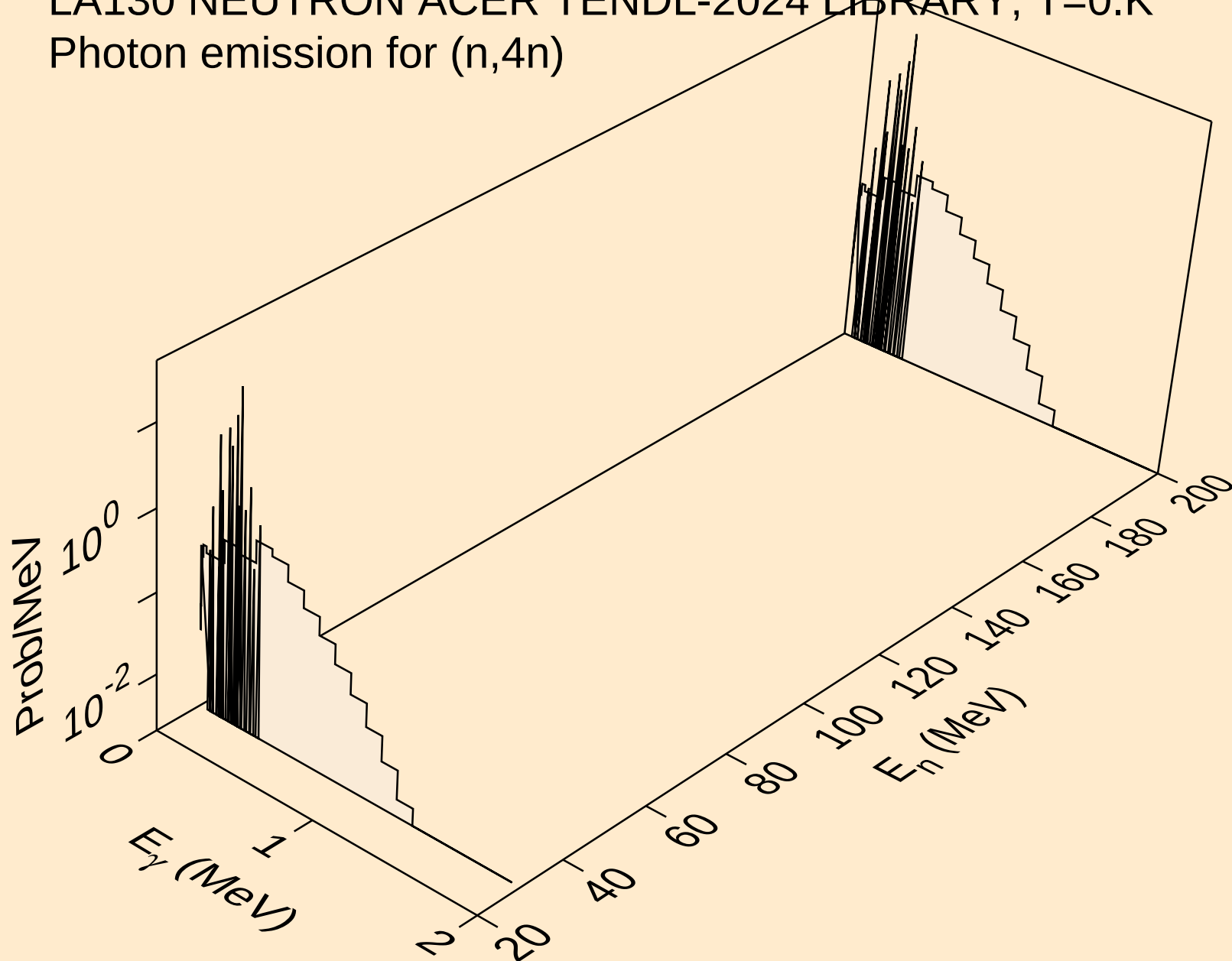
Photon emission for (n,n\*)t



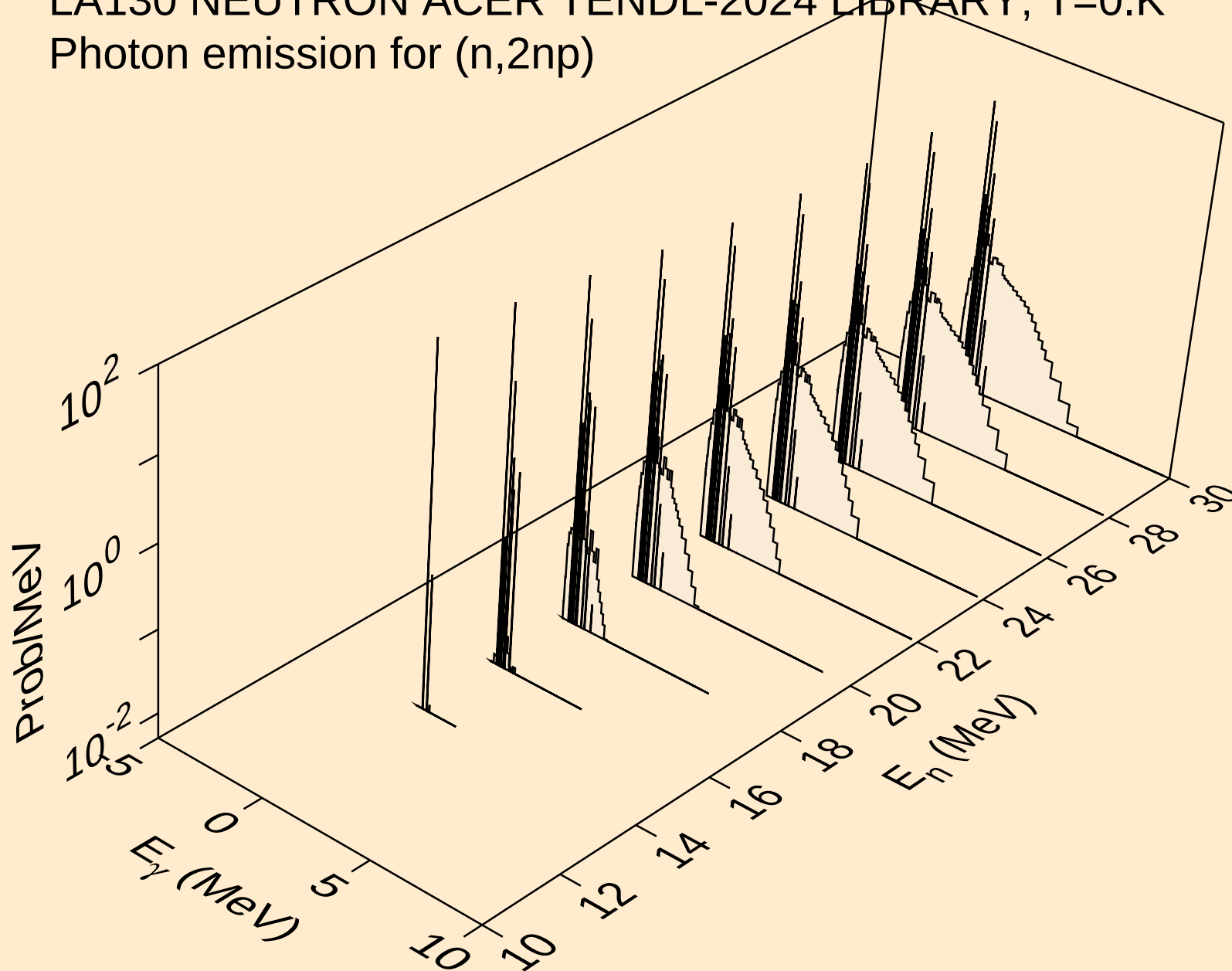
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



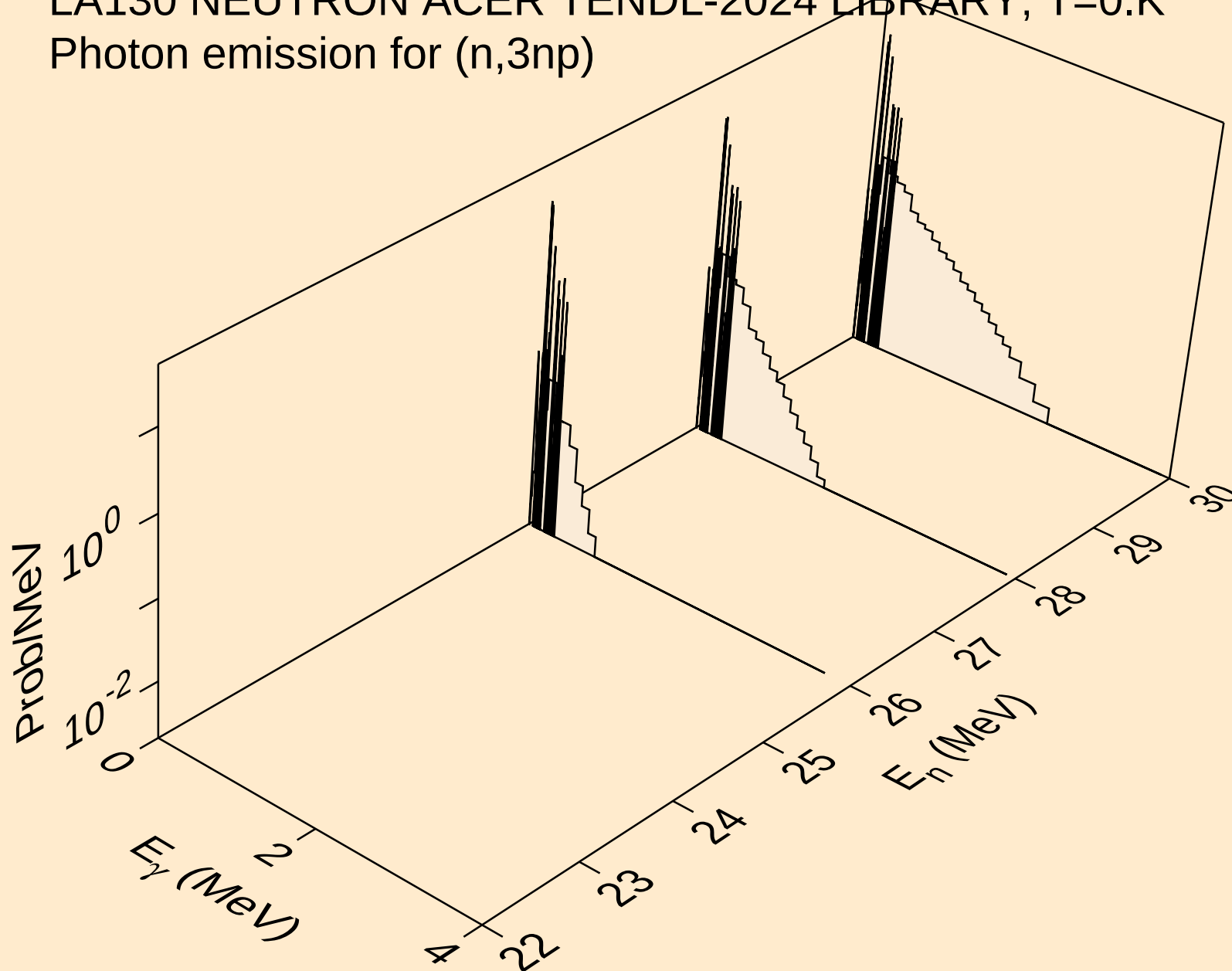
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



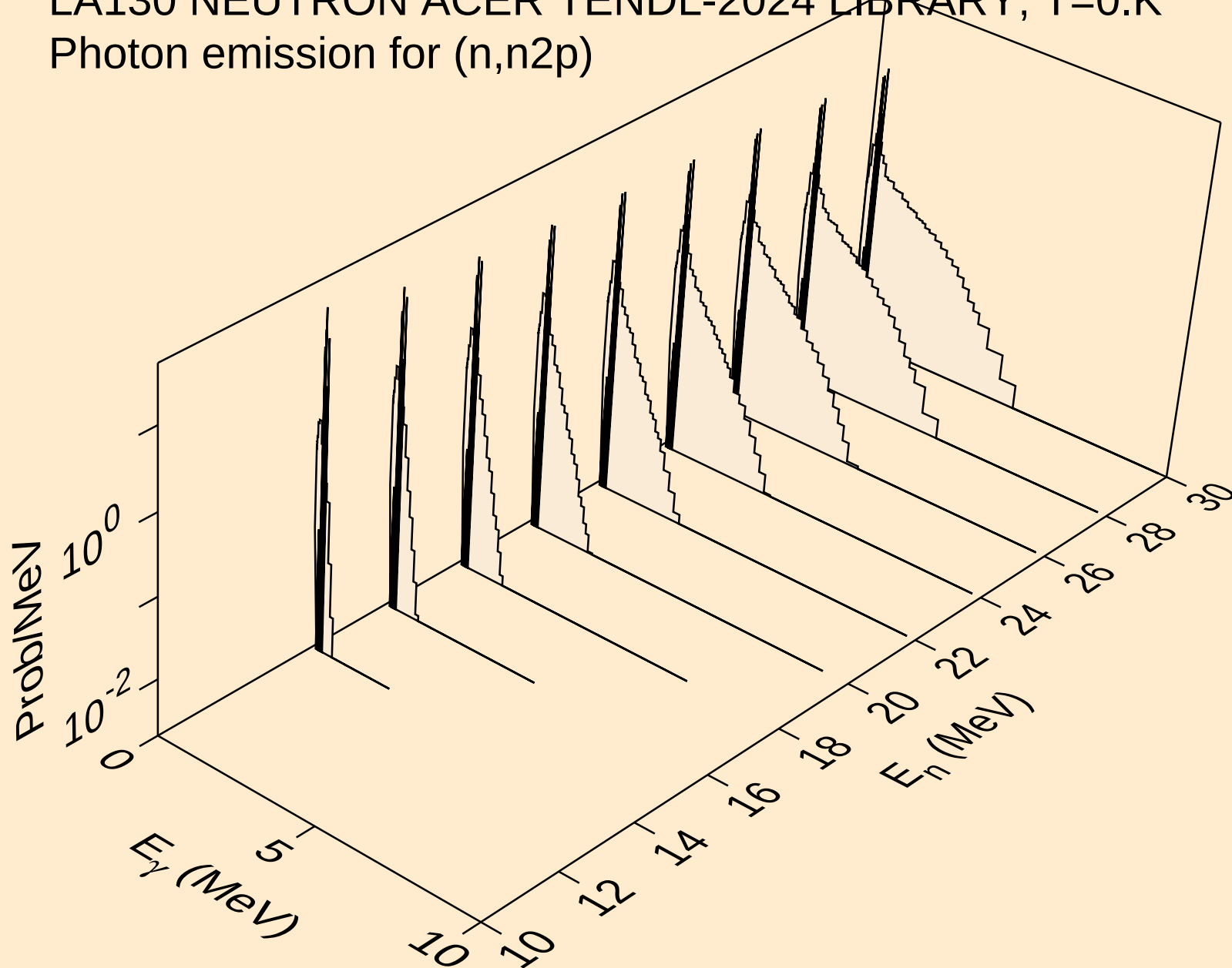
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



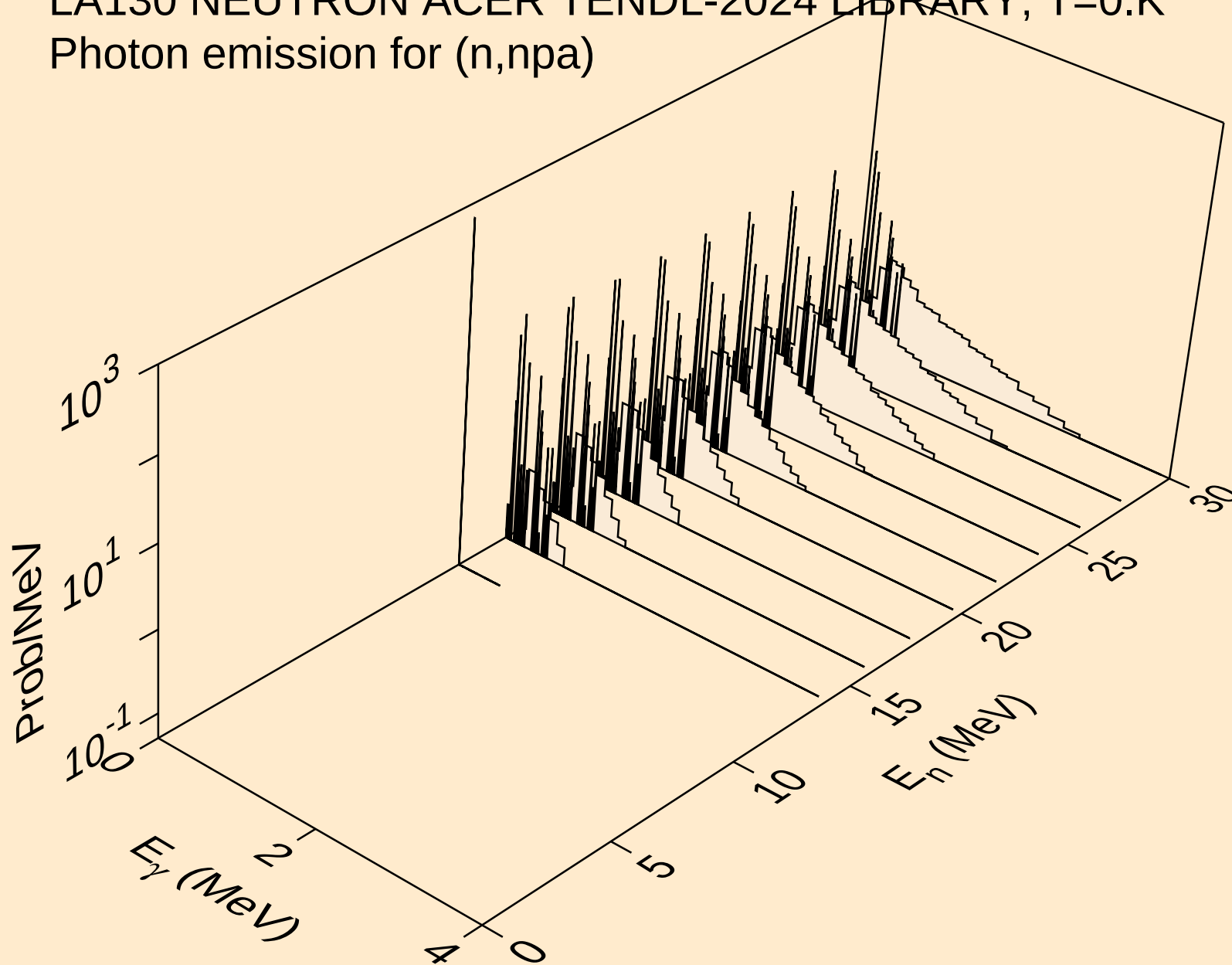
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



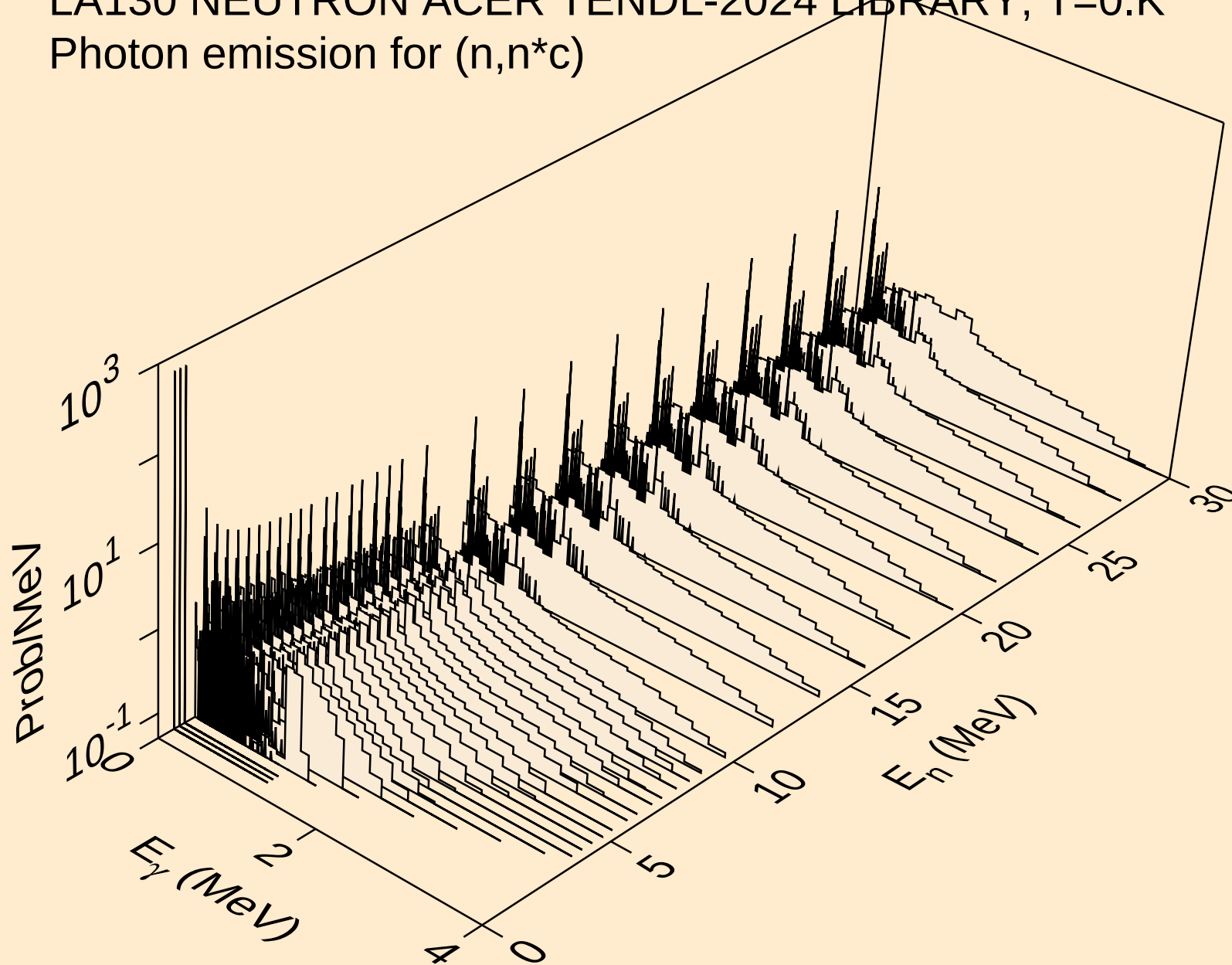
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

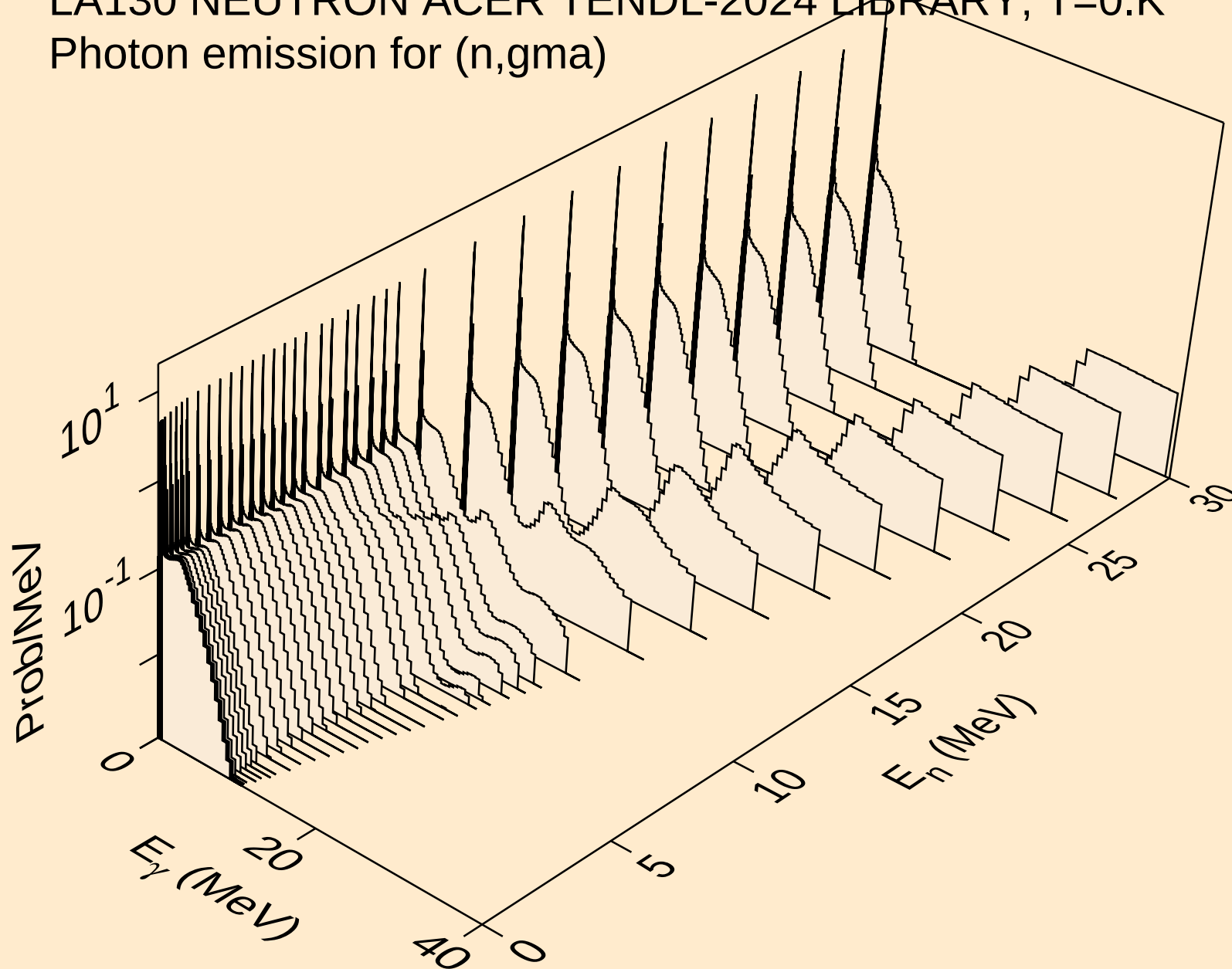


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

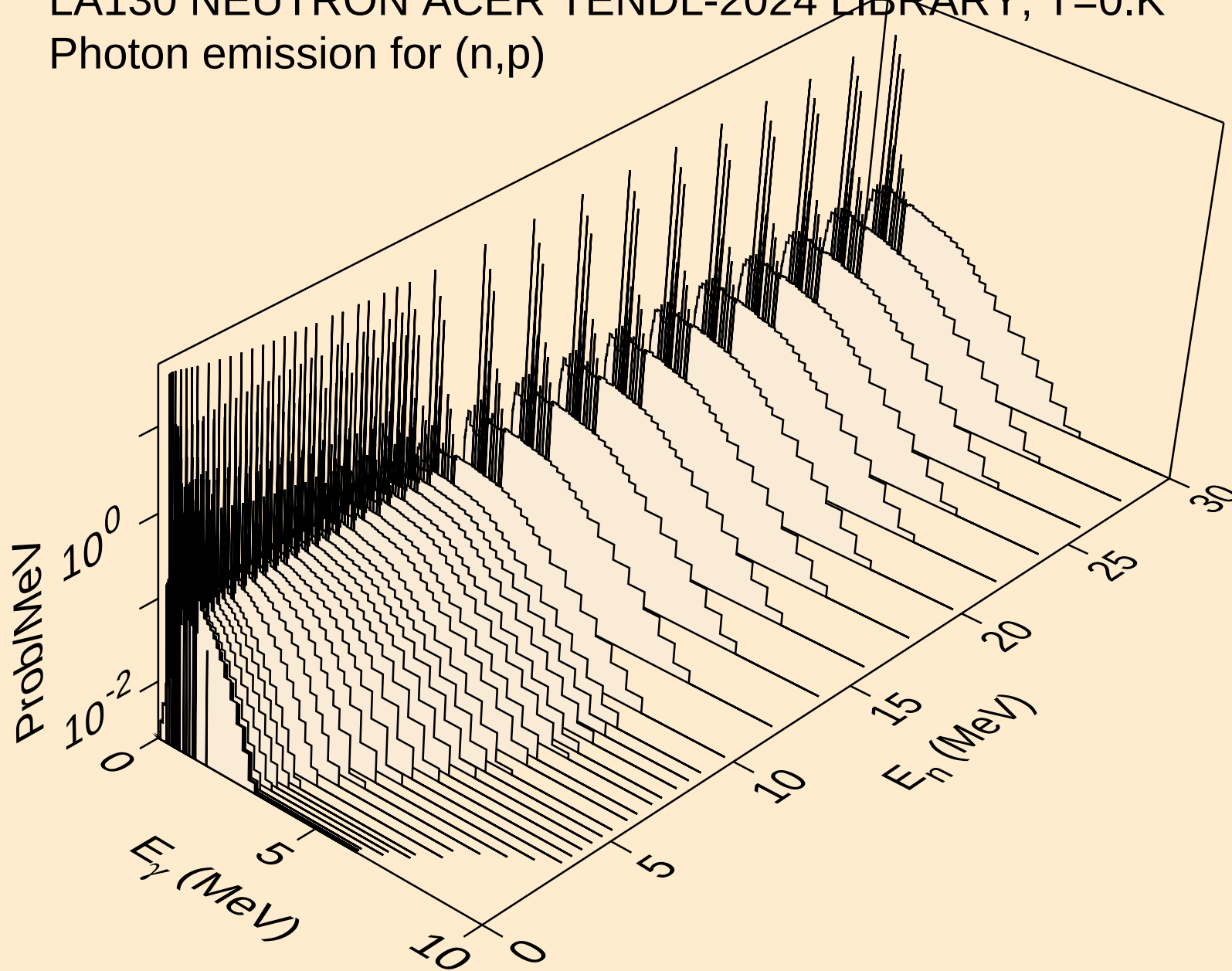




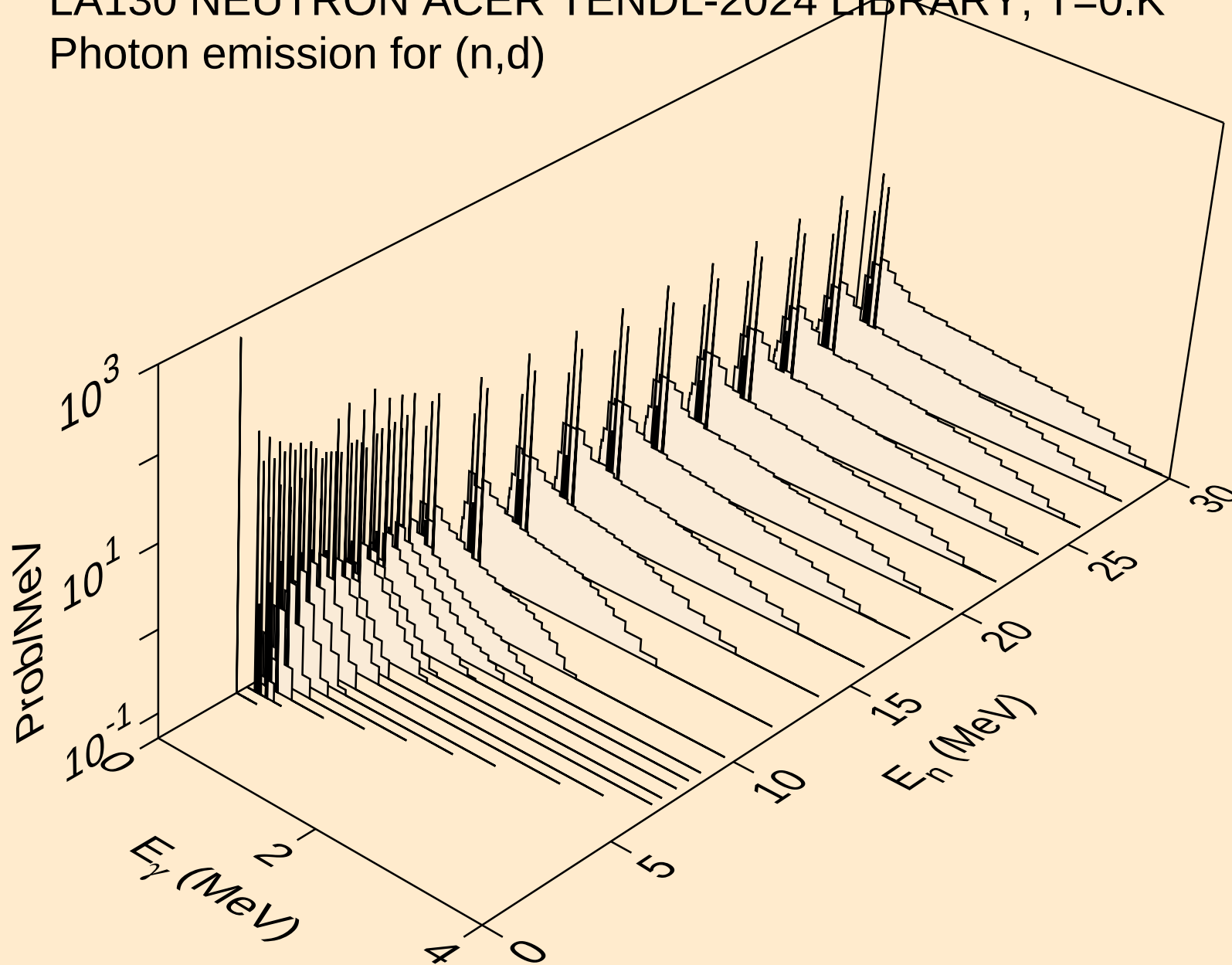
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



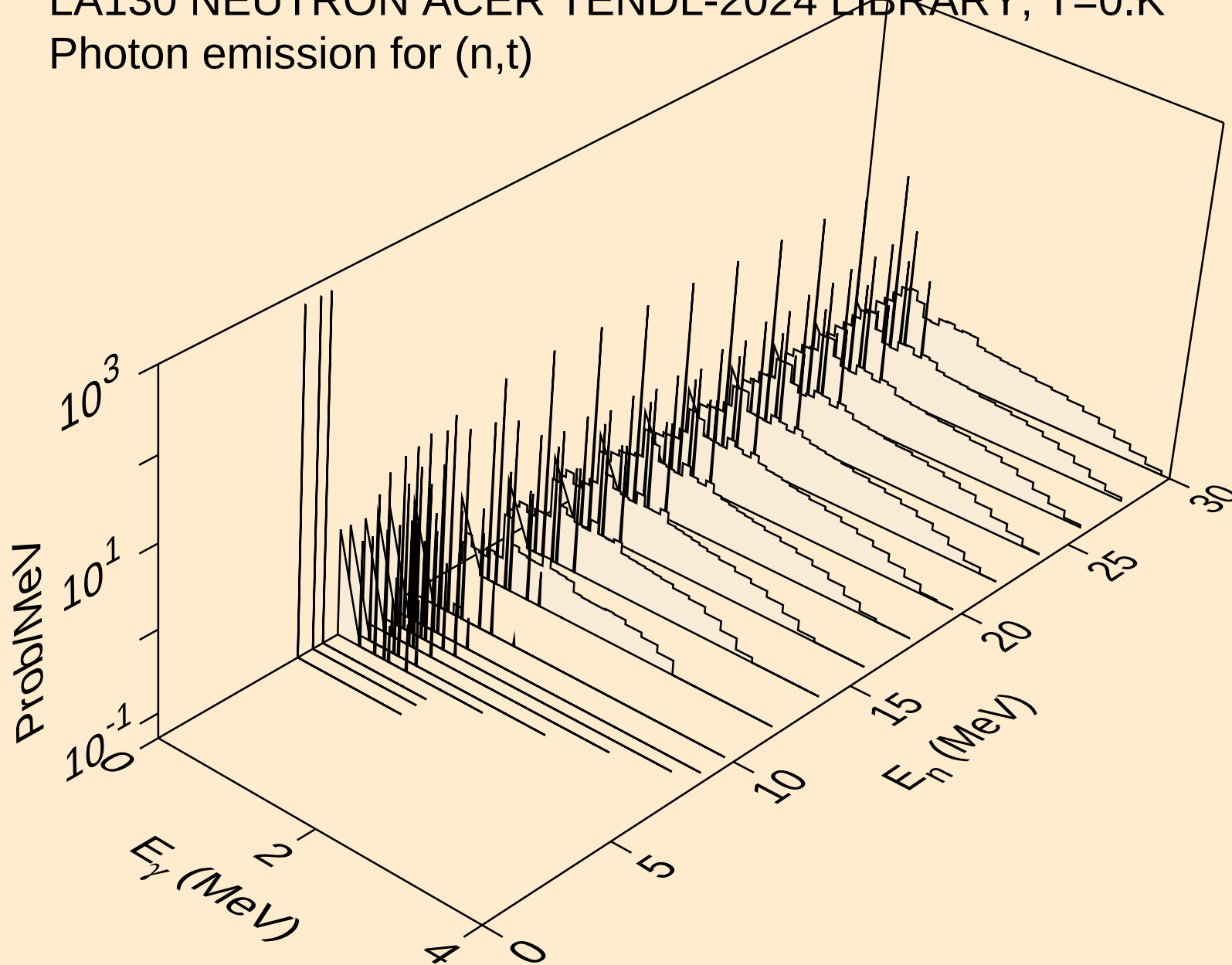
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,p)



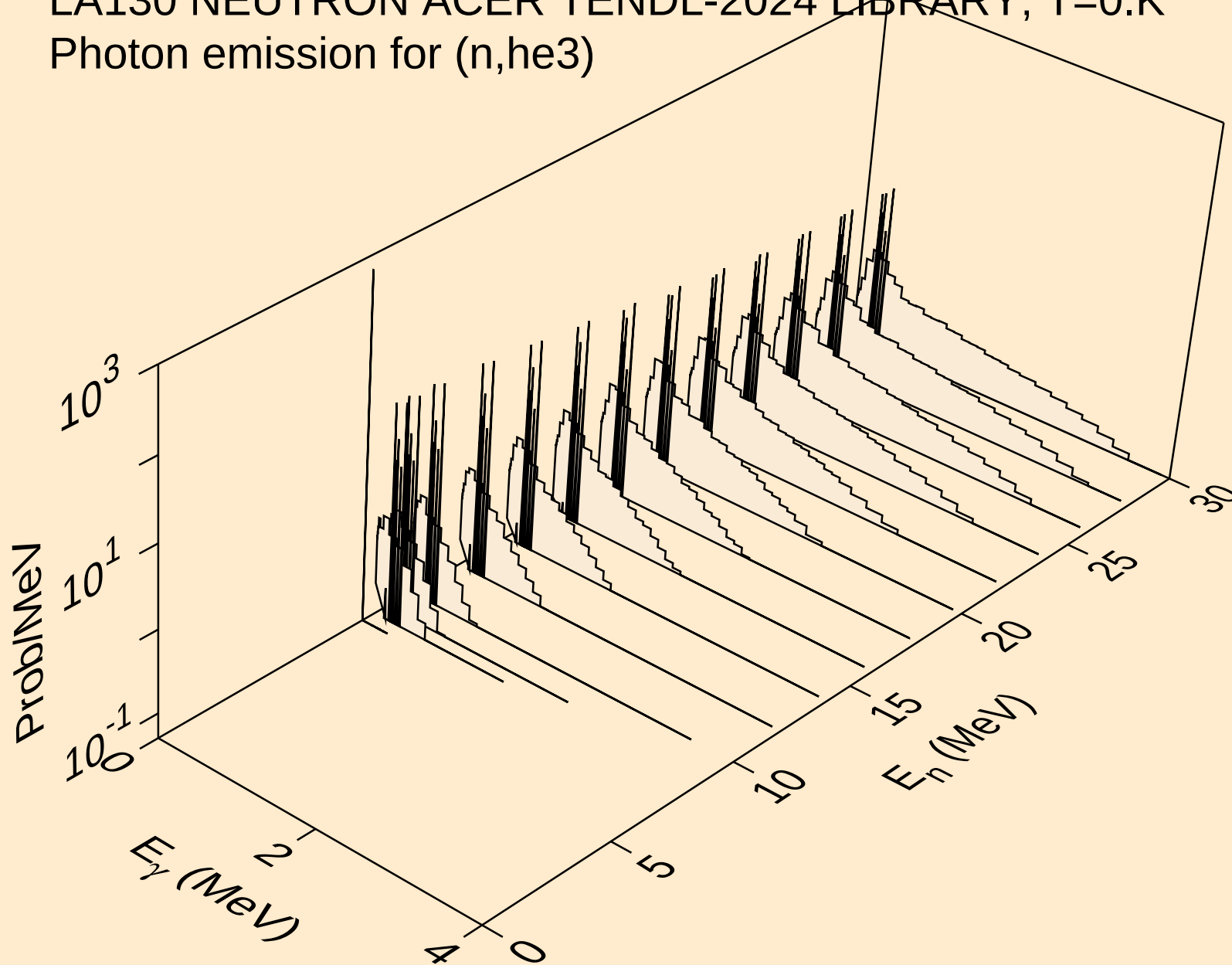
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



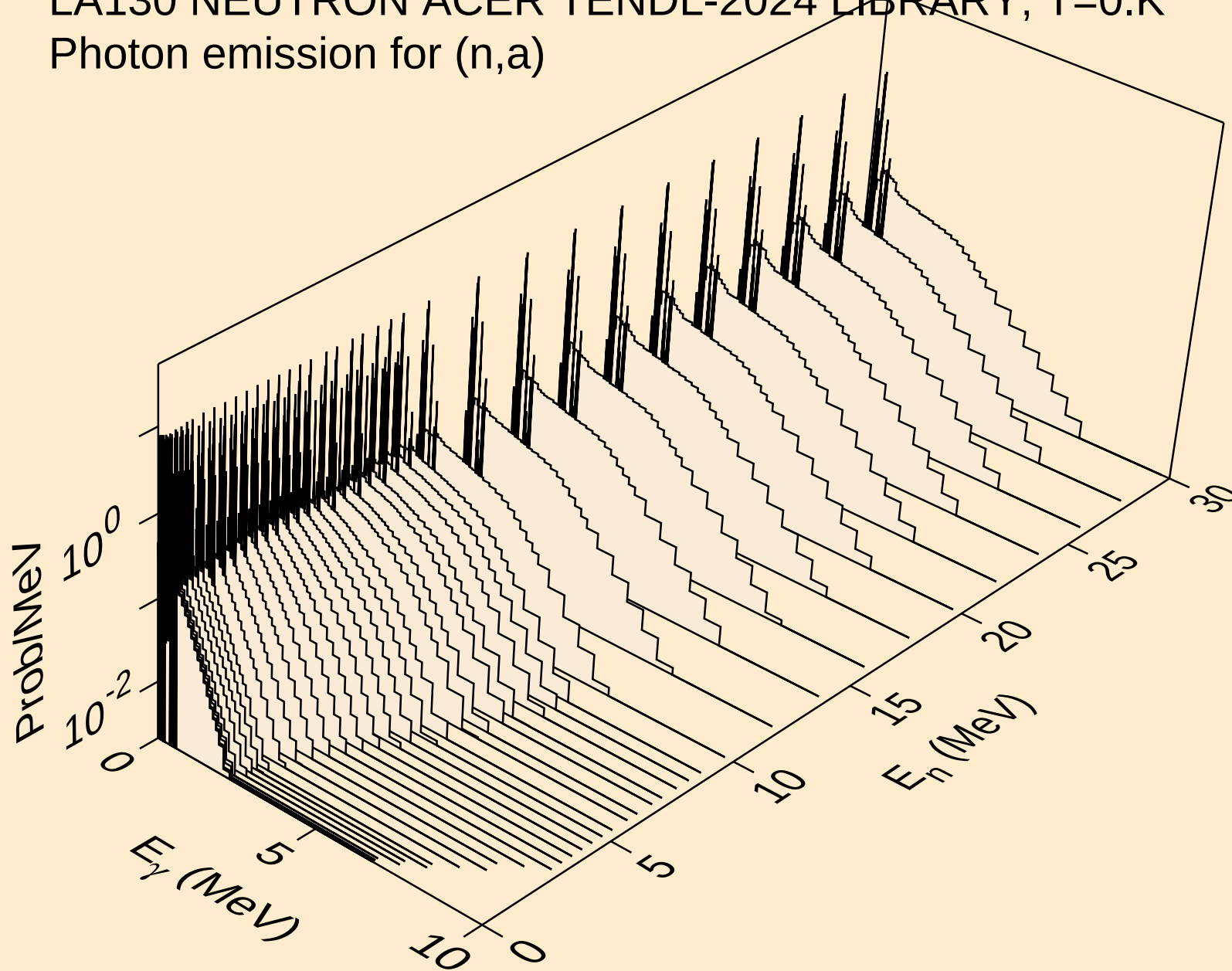
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



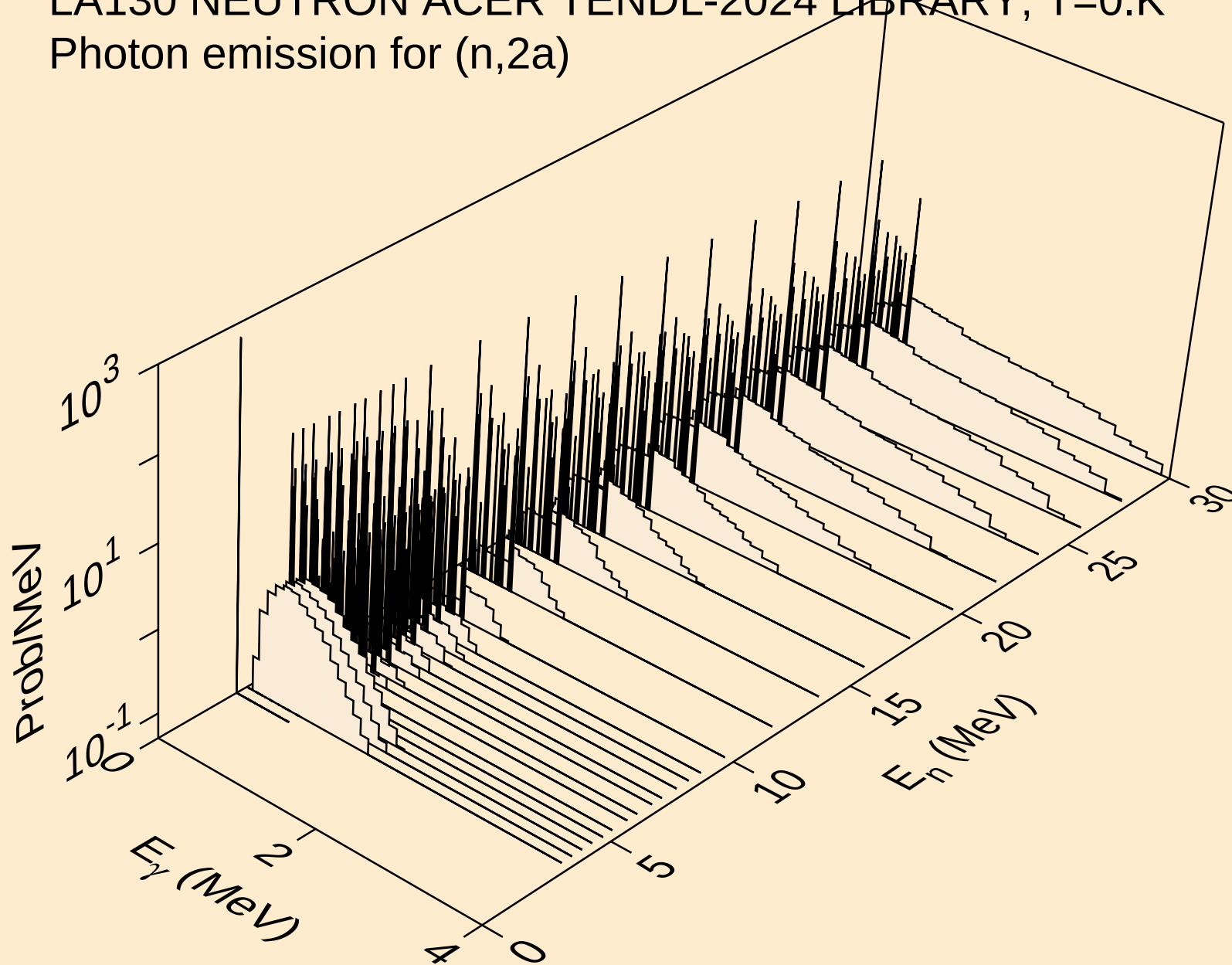
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



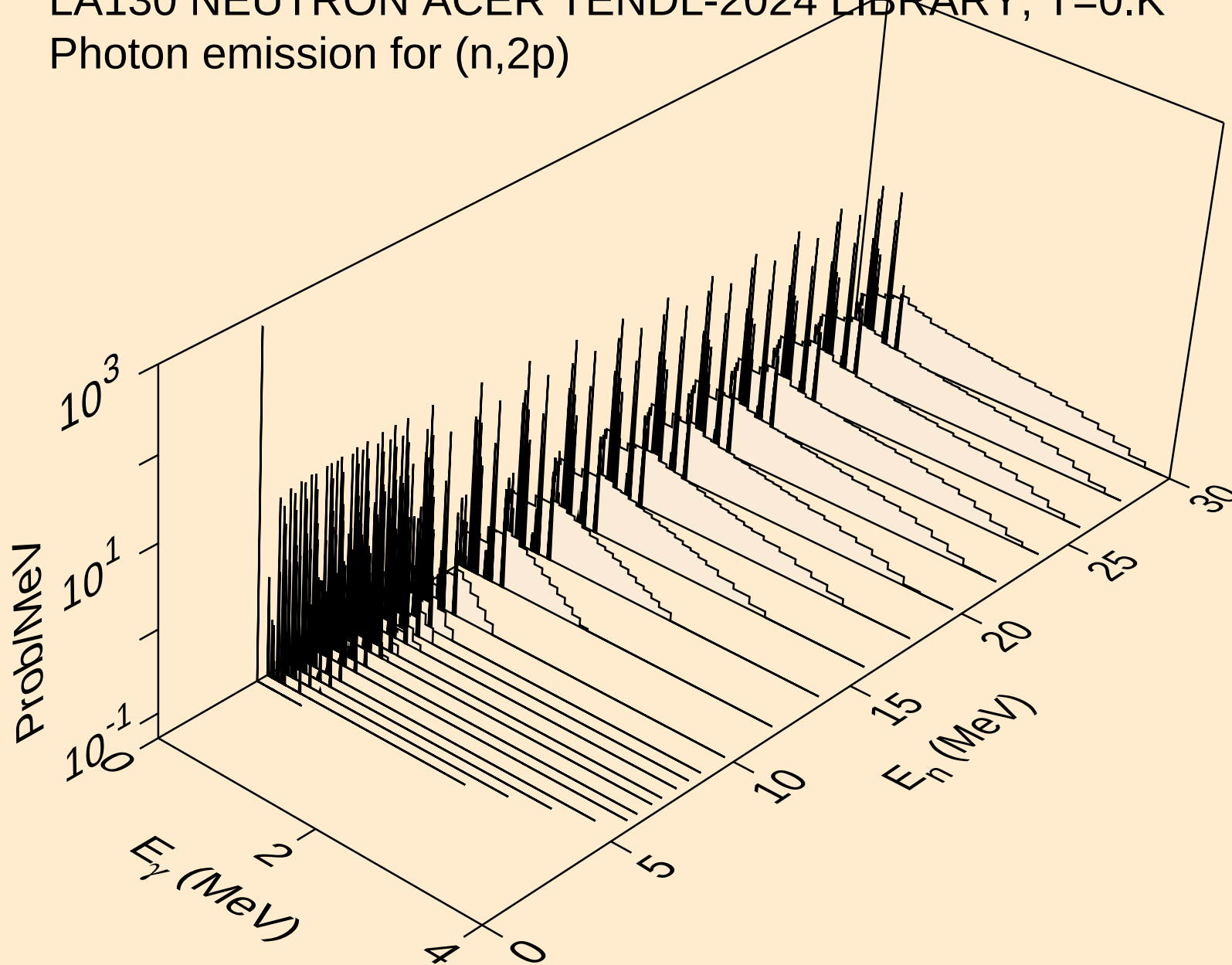
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

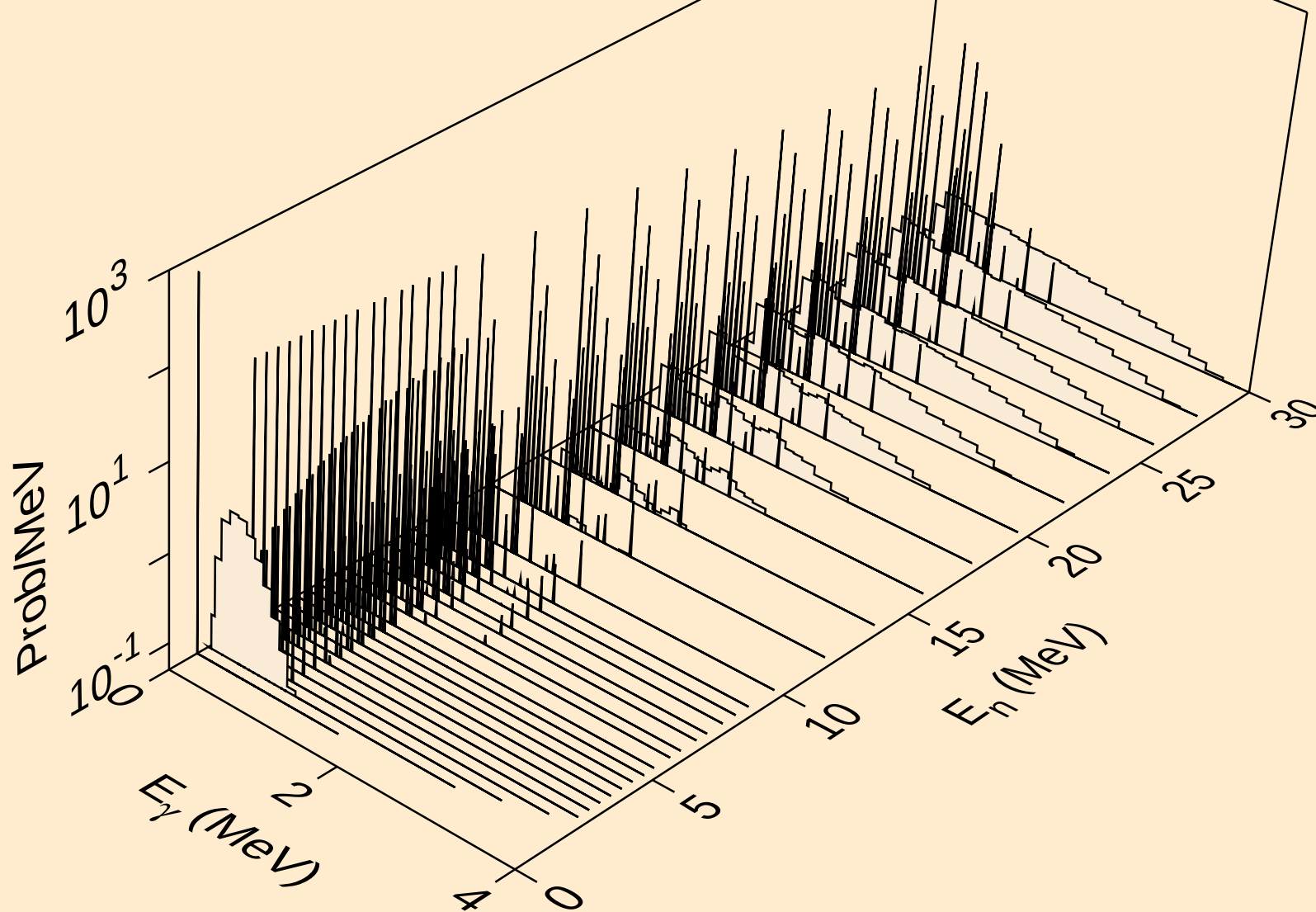


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

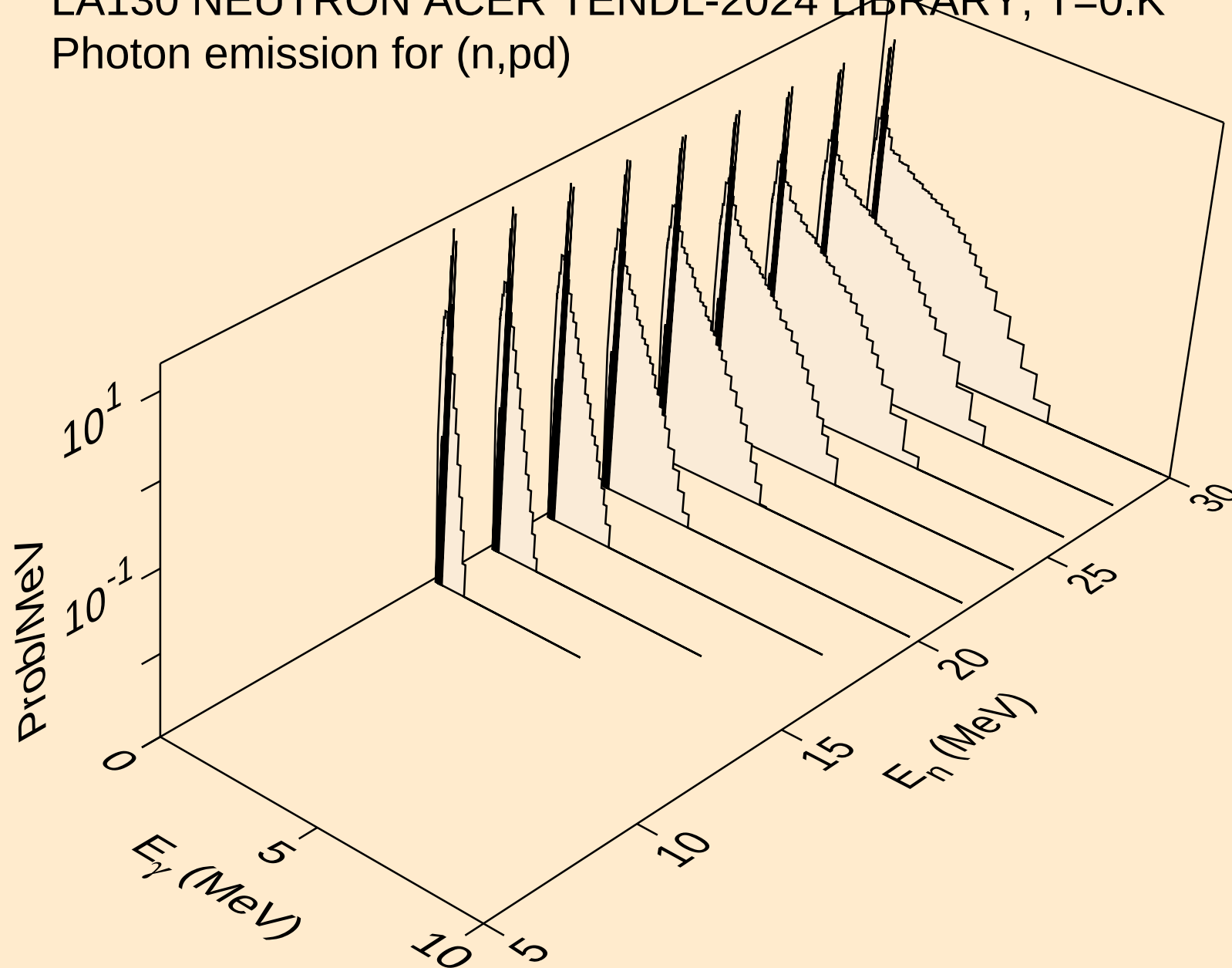




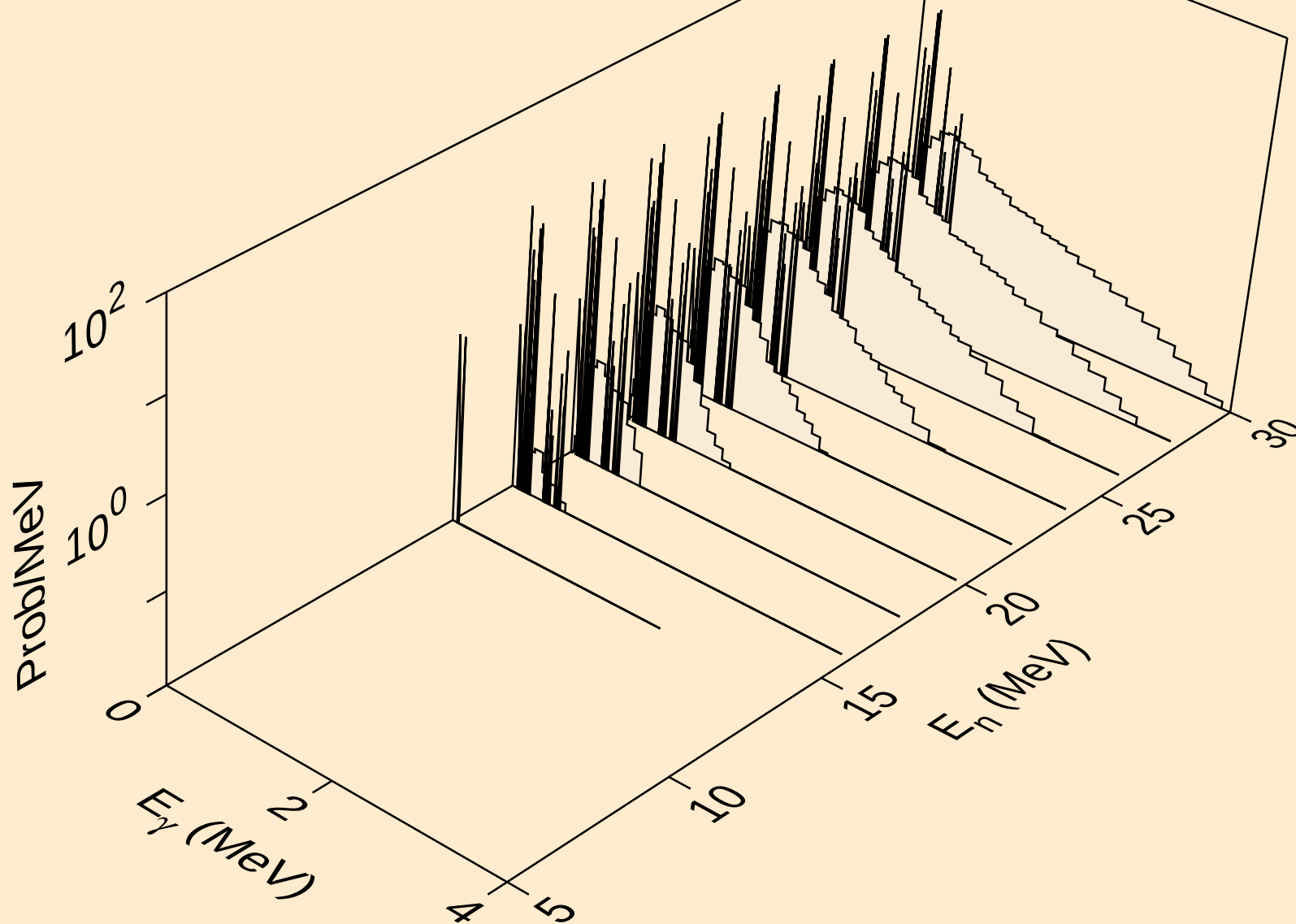
LA130 NEUTRON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,p $\alpha$ )



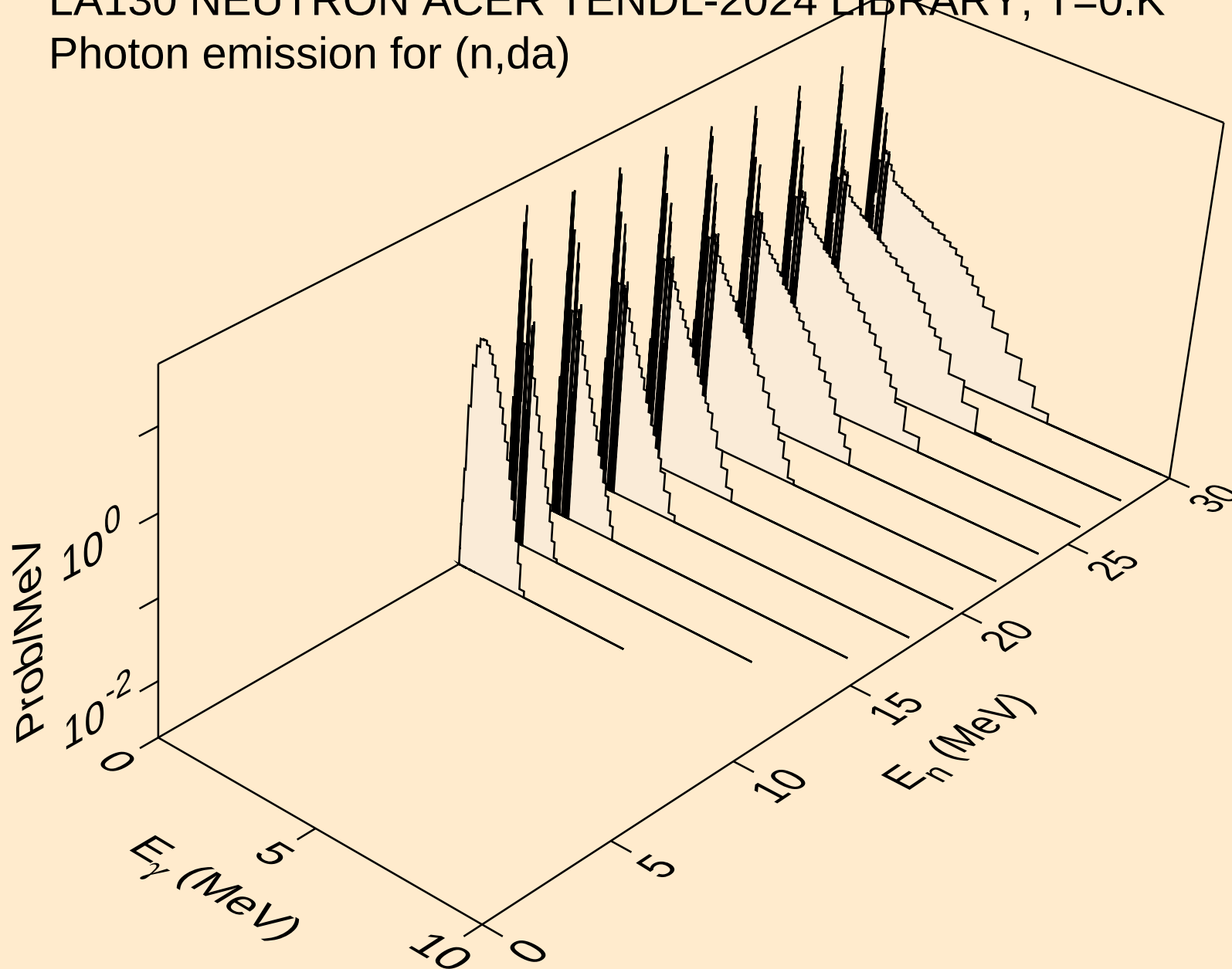
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



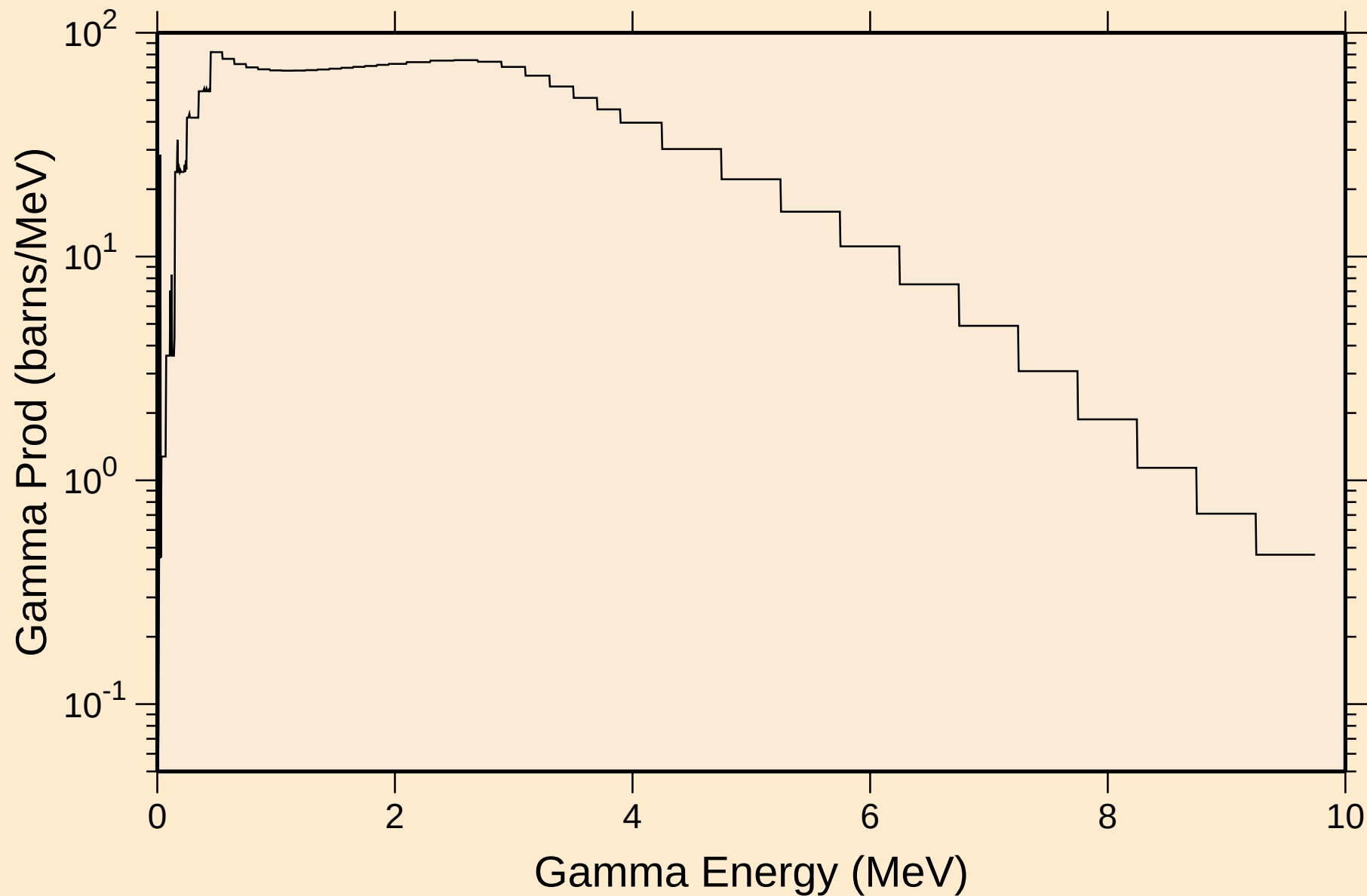
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



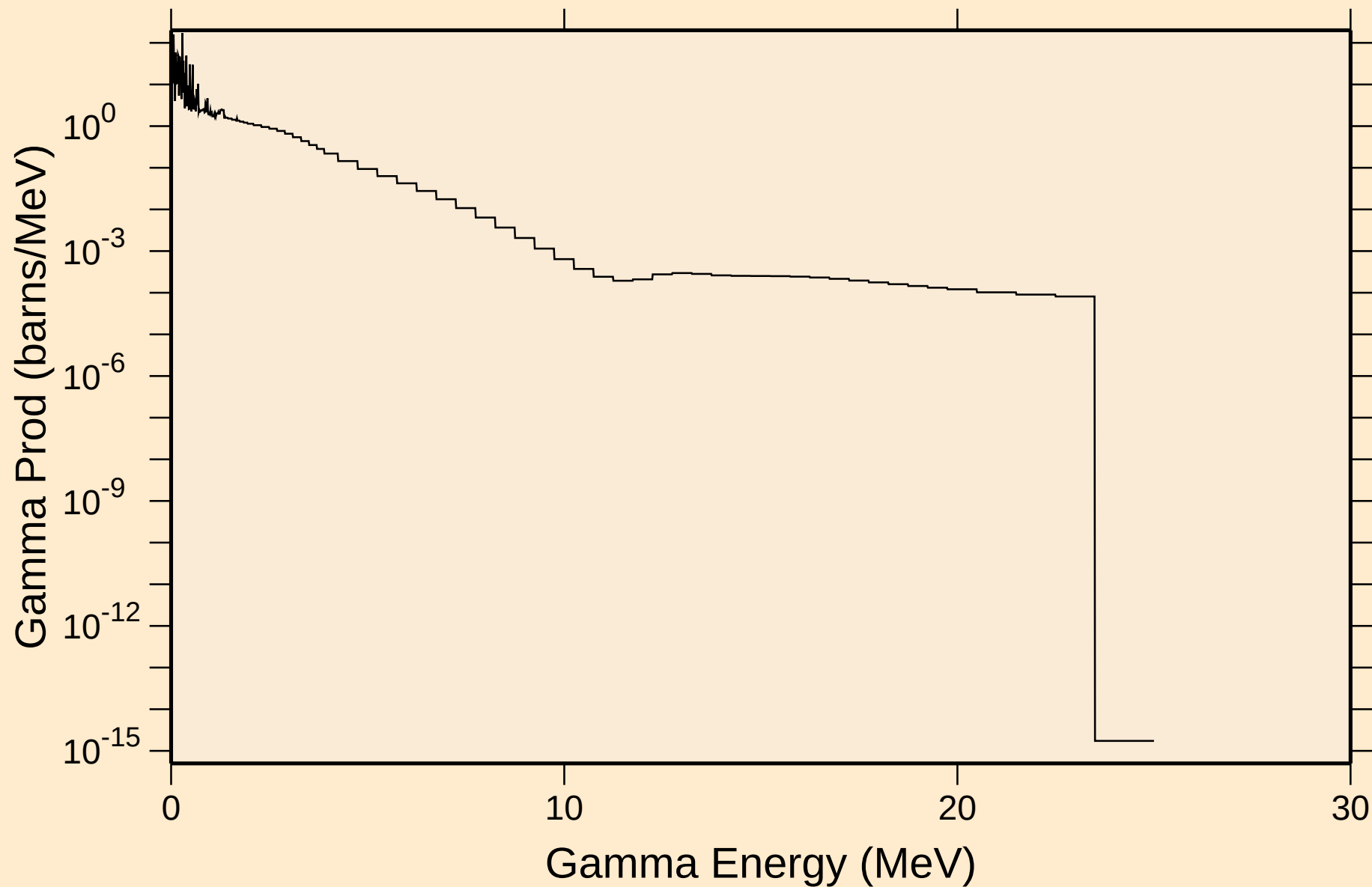
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

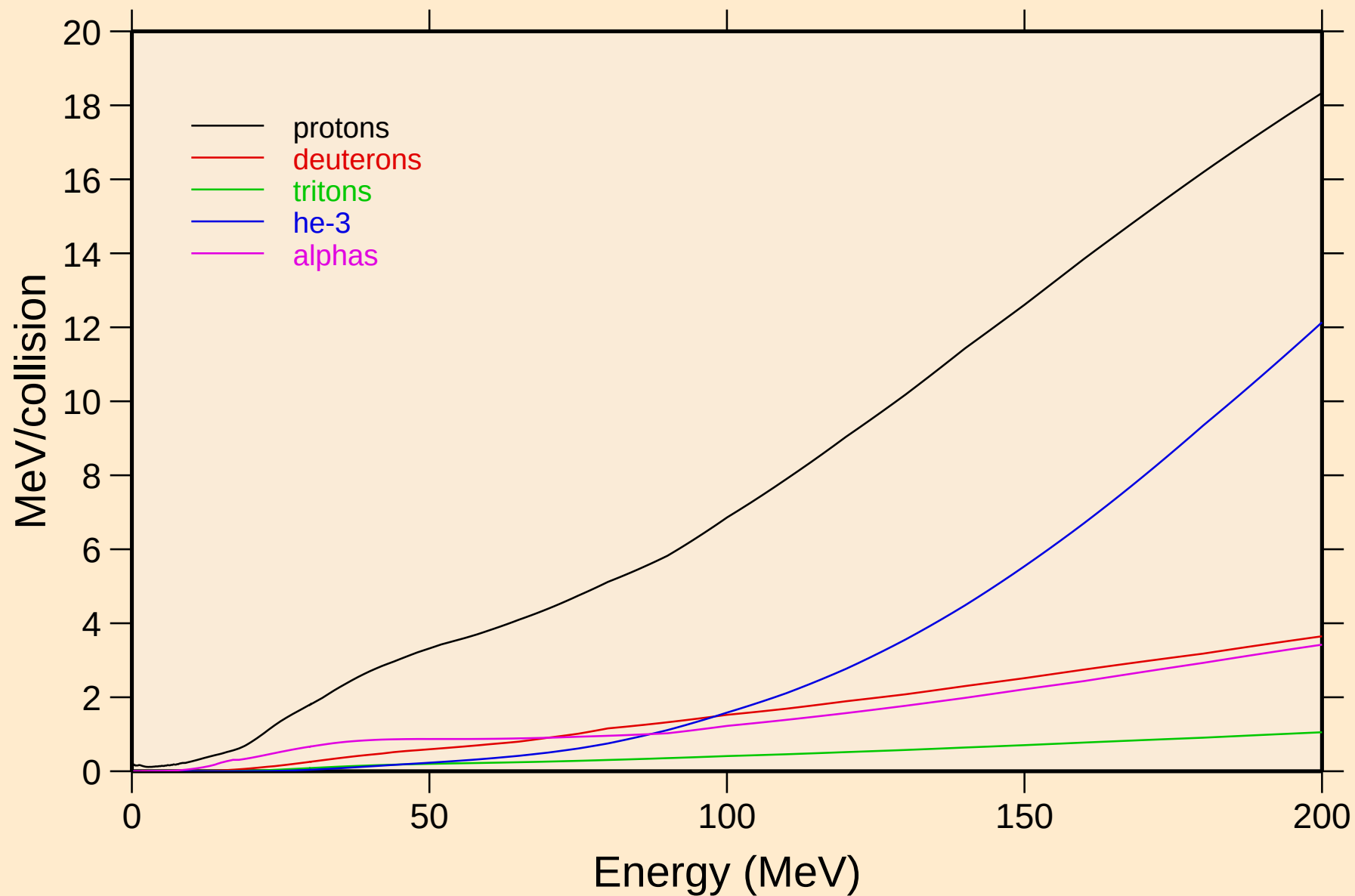


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



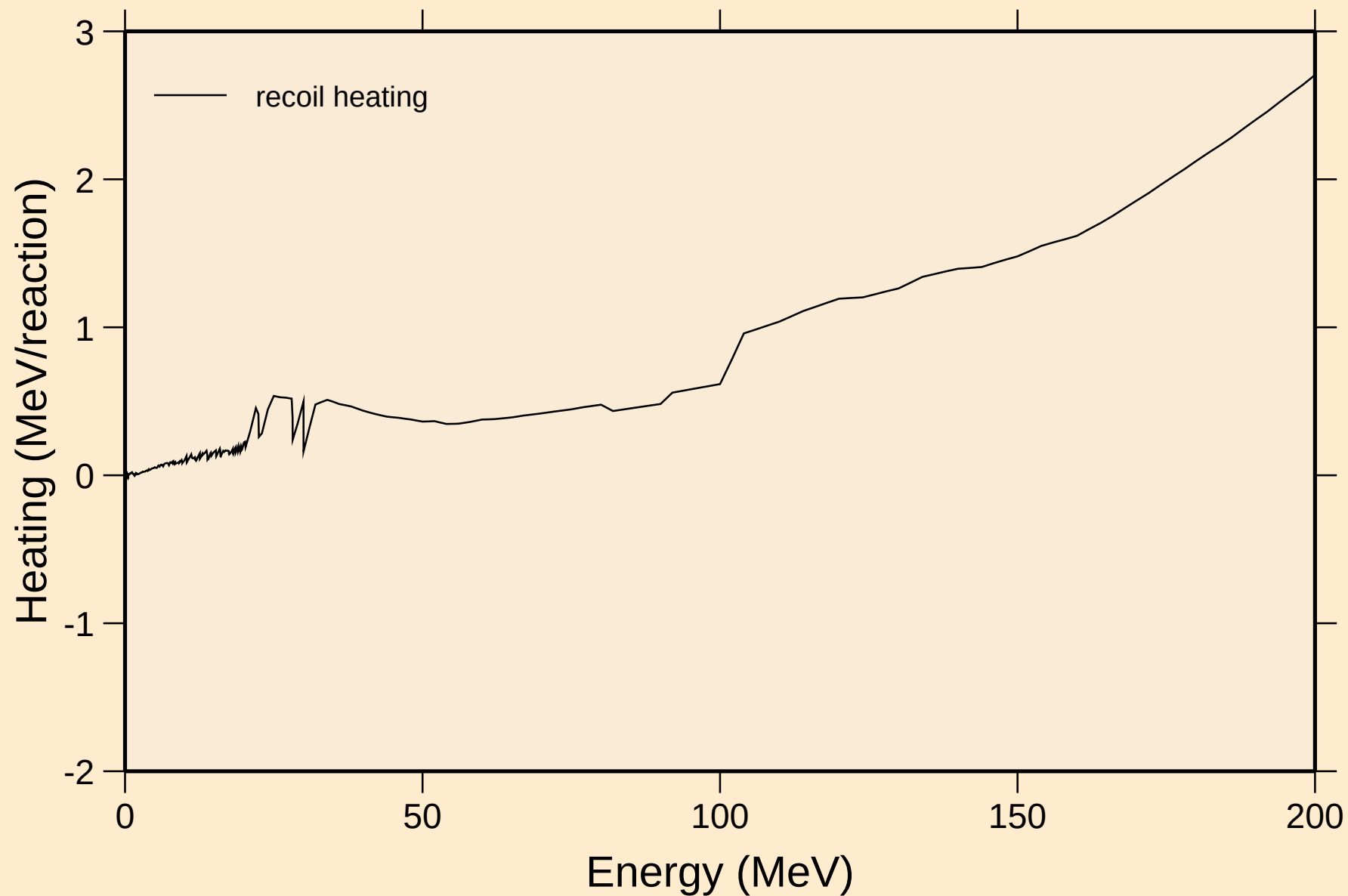
# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

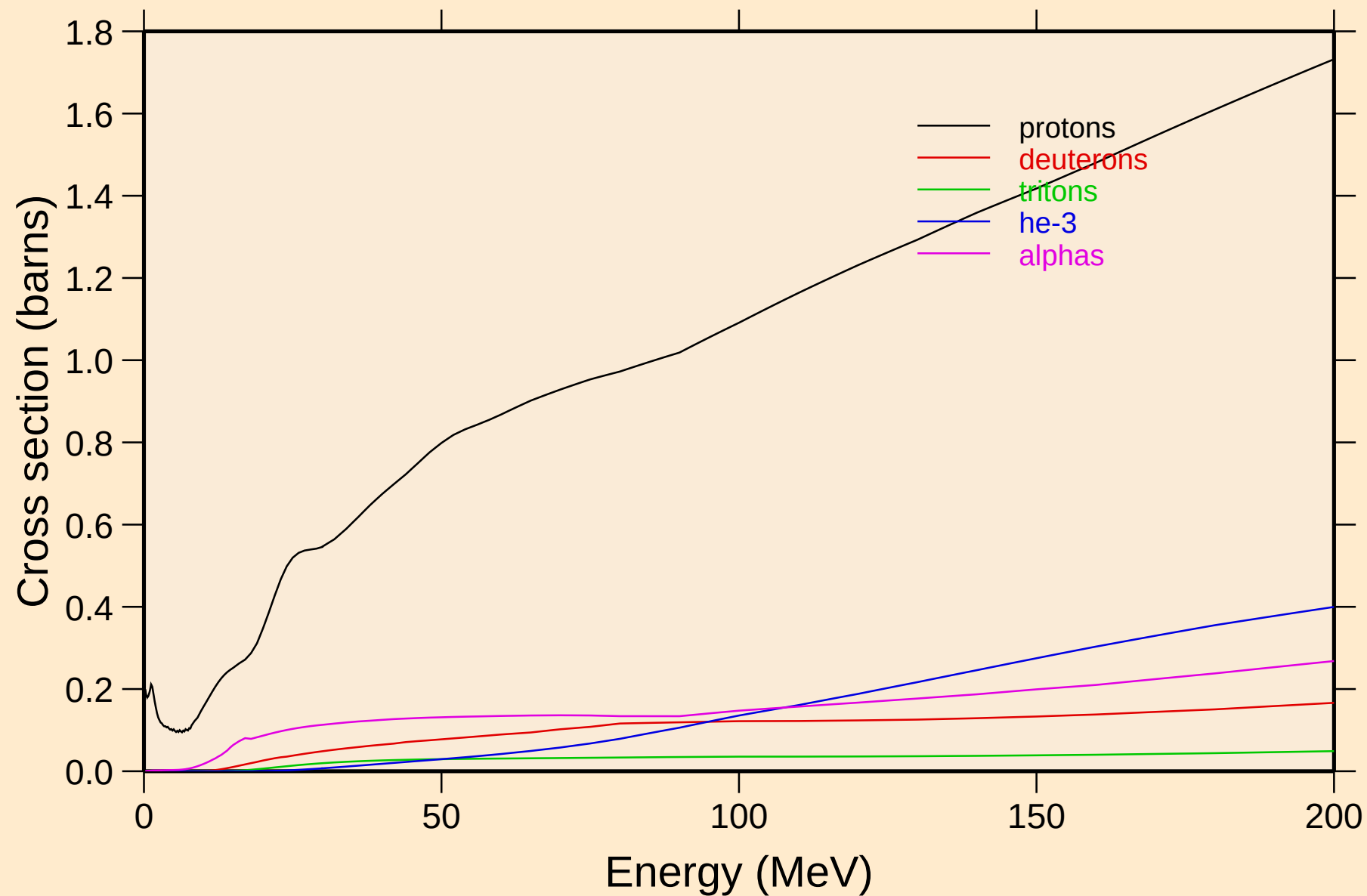
Recoil Heating



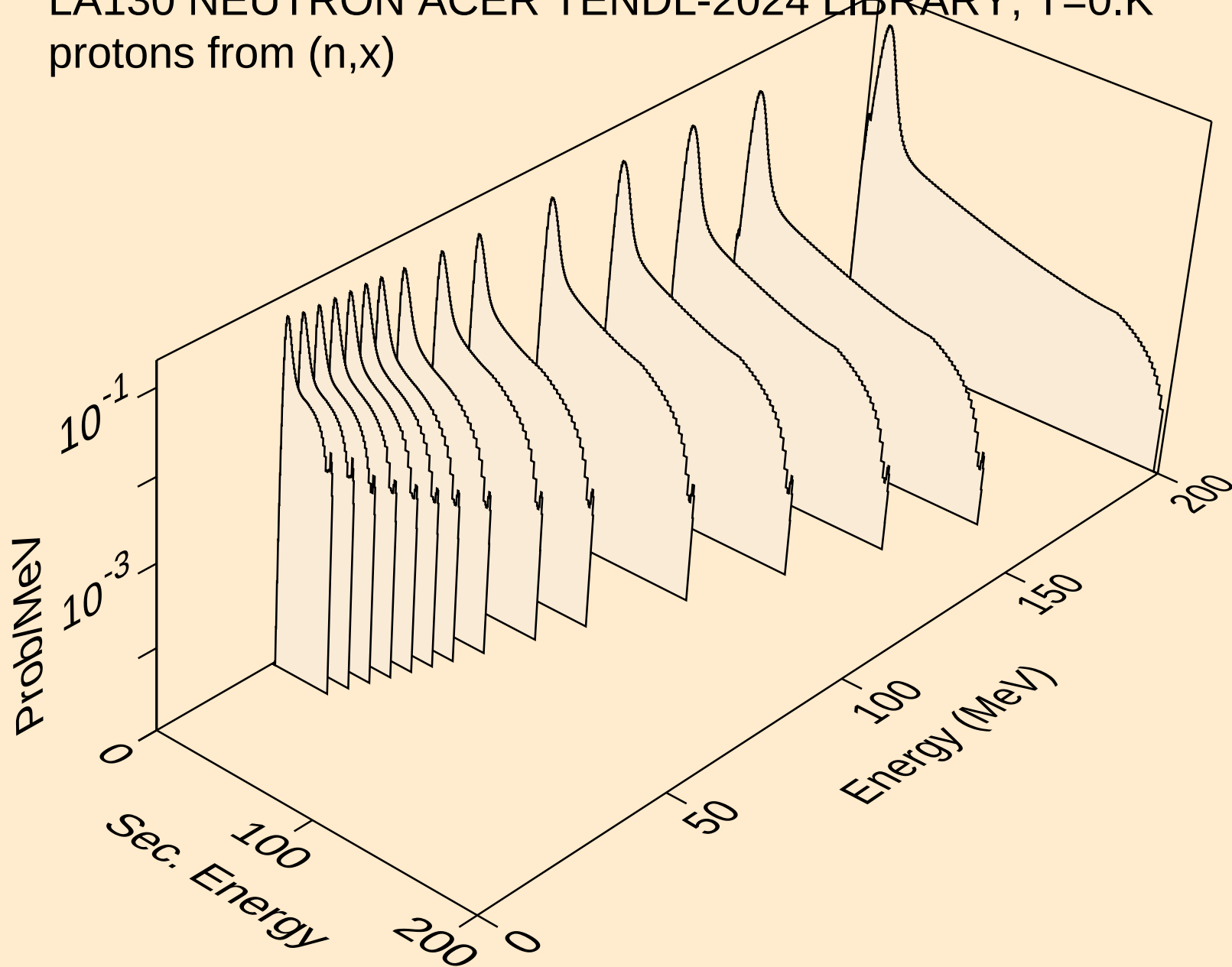


# LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

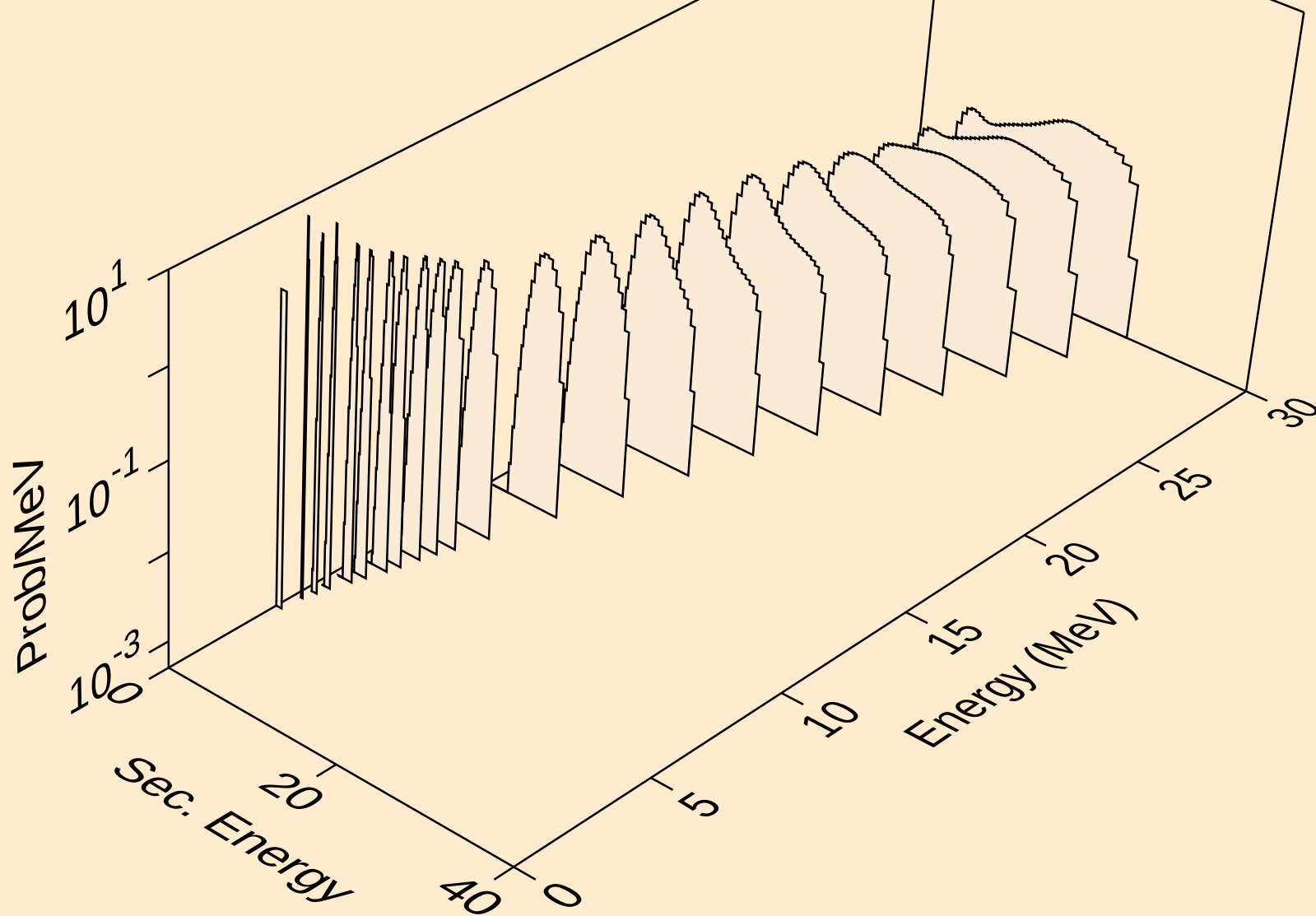
## Particle production cross sections



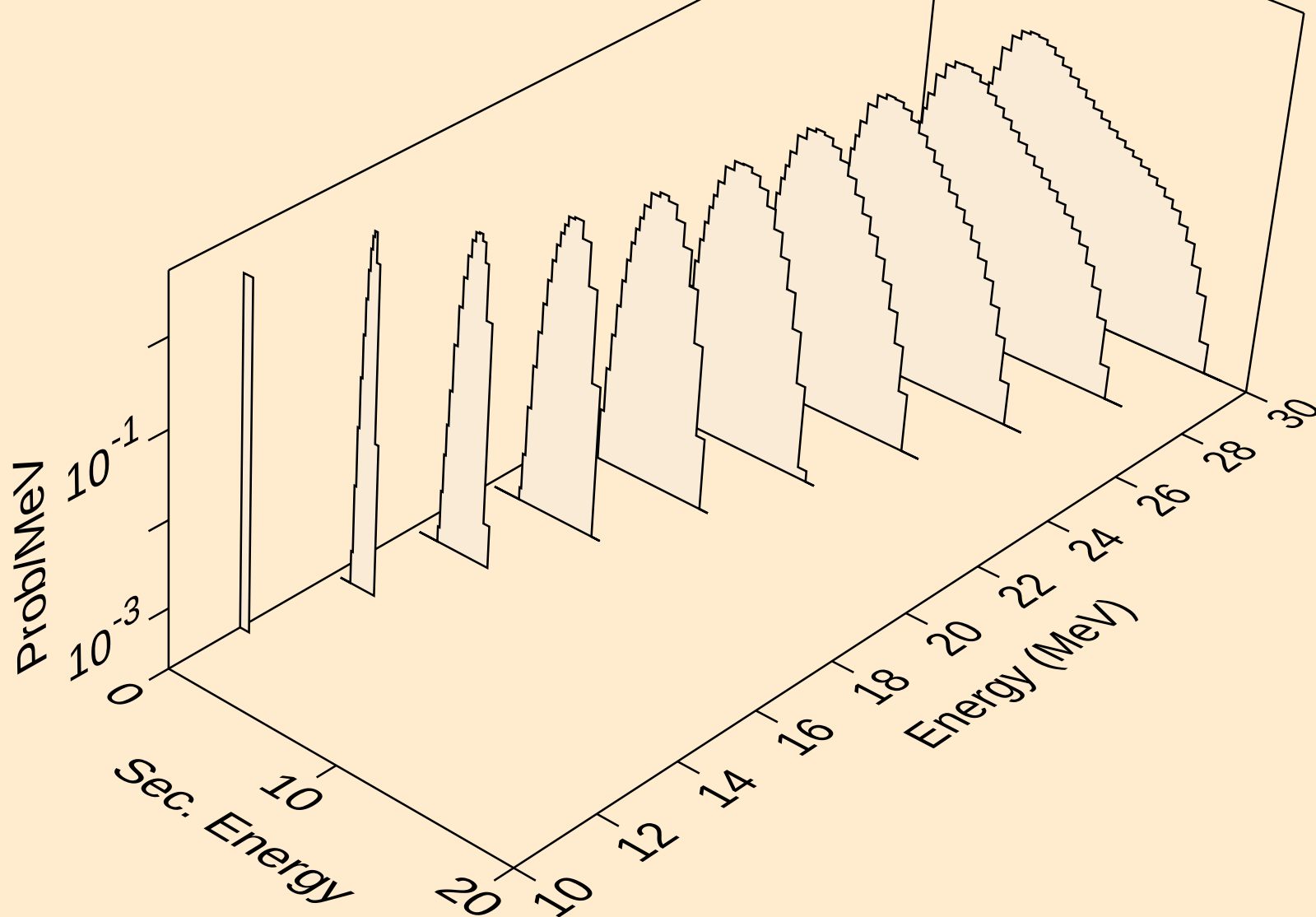
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



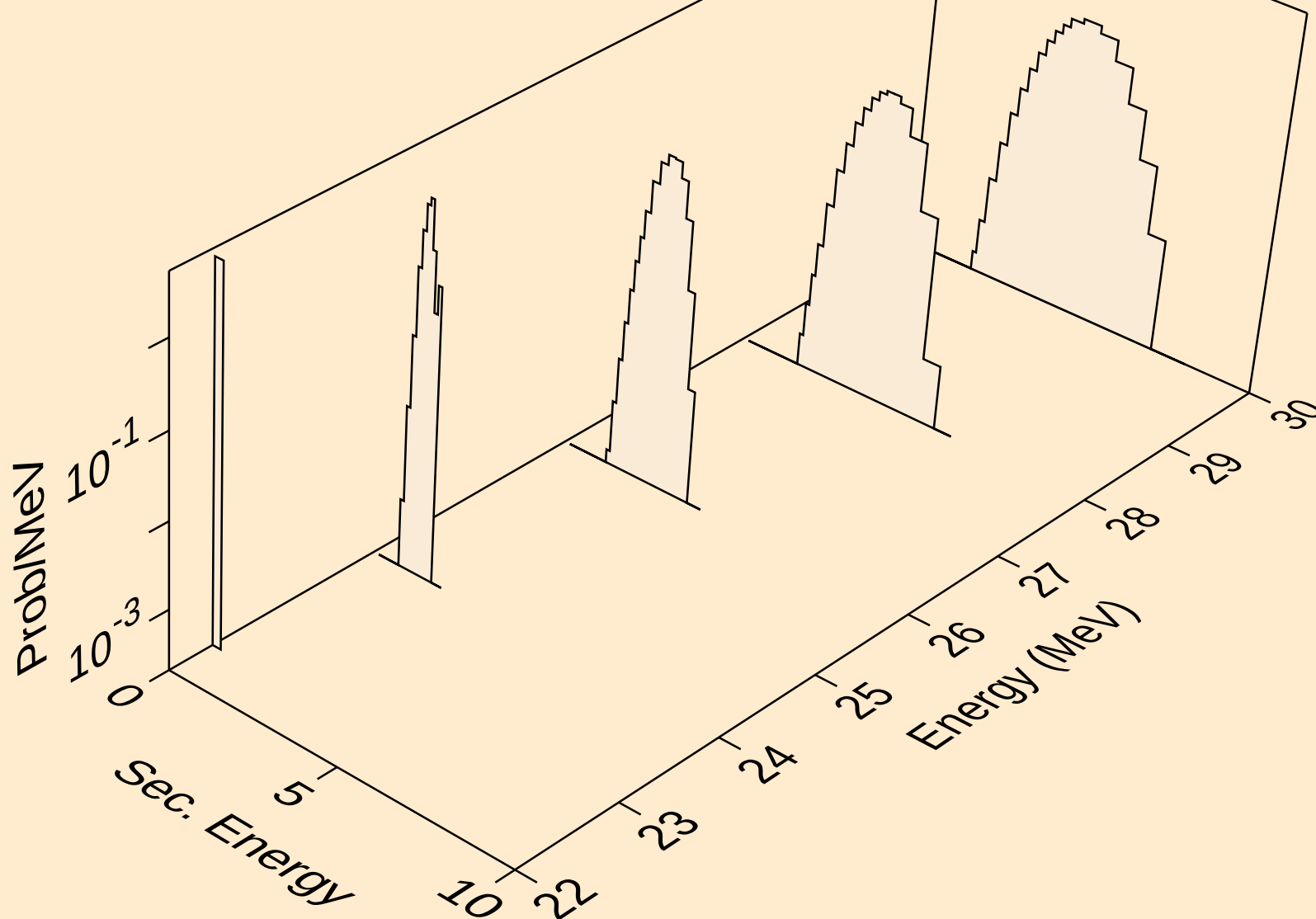
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



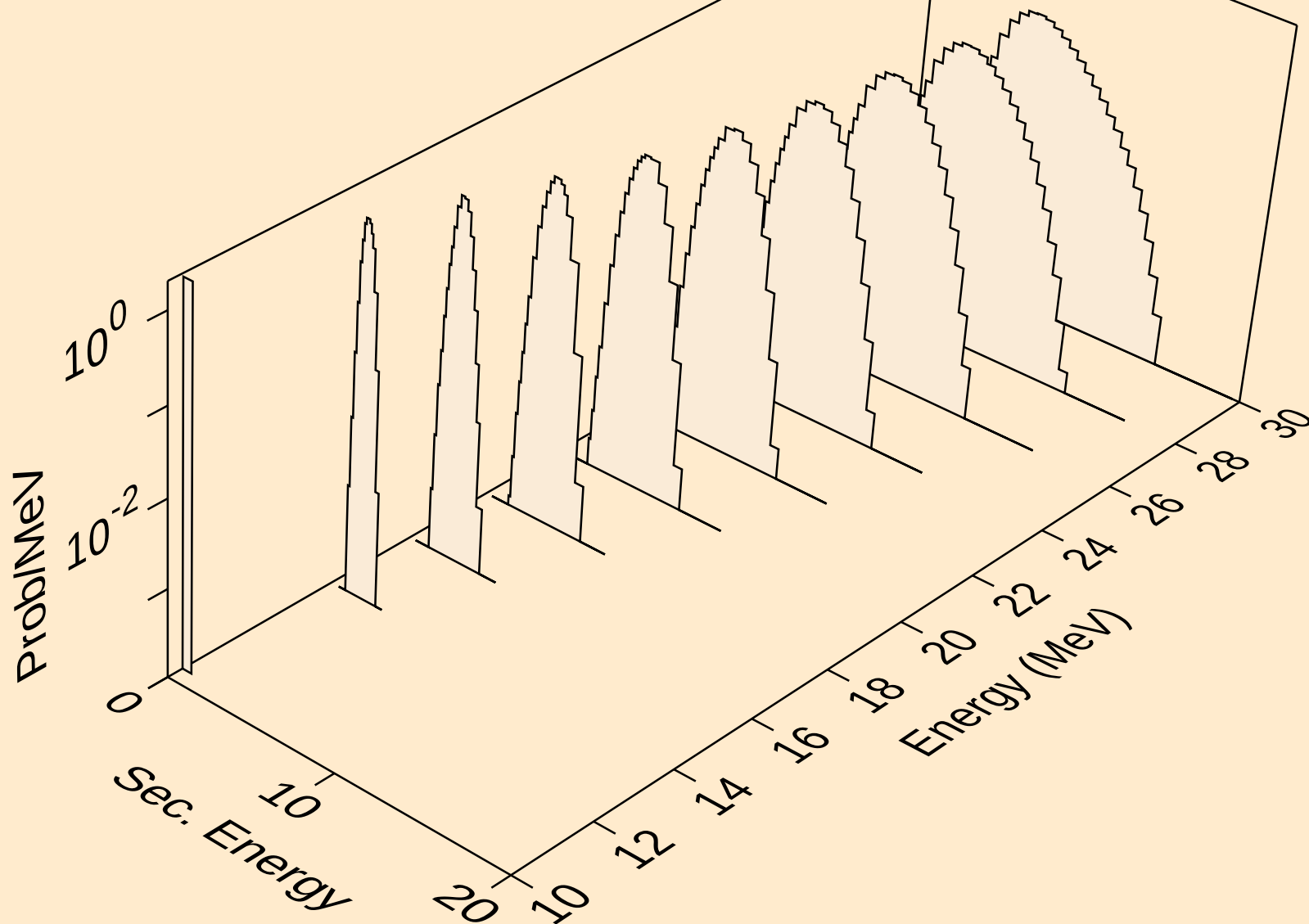
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



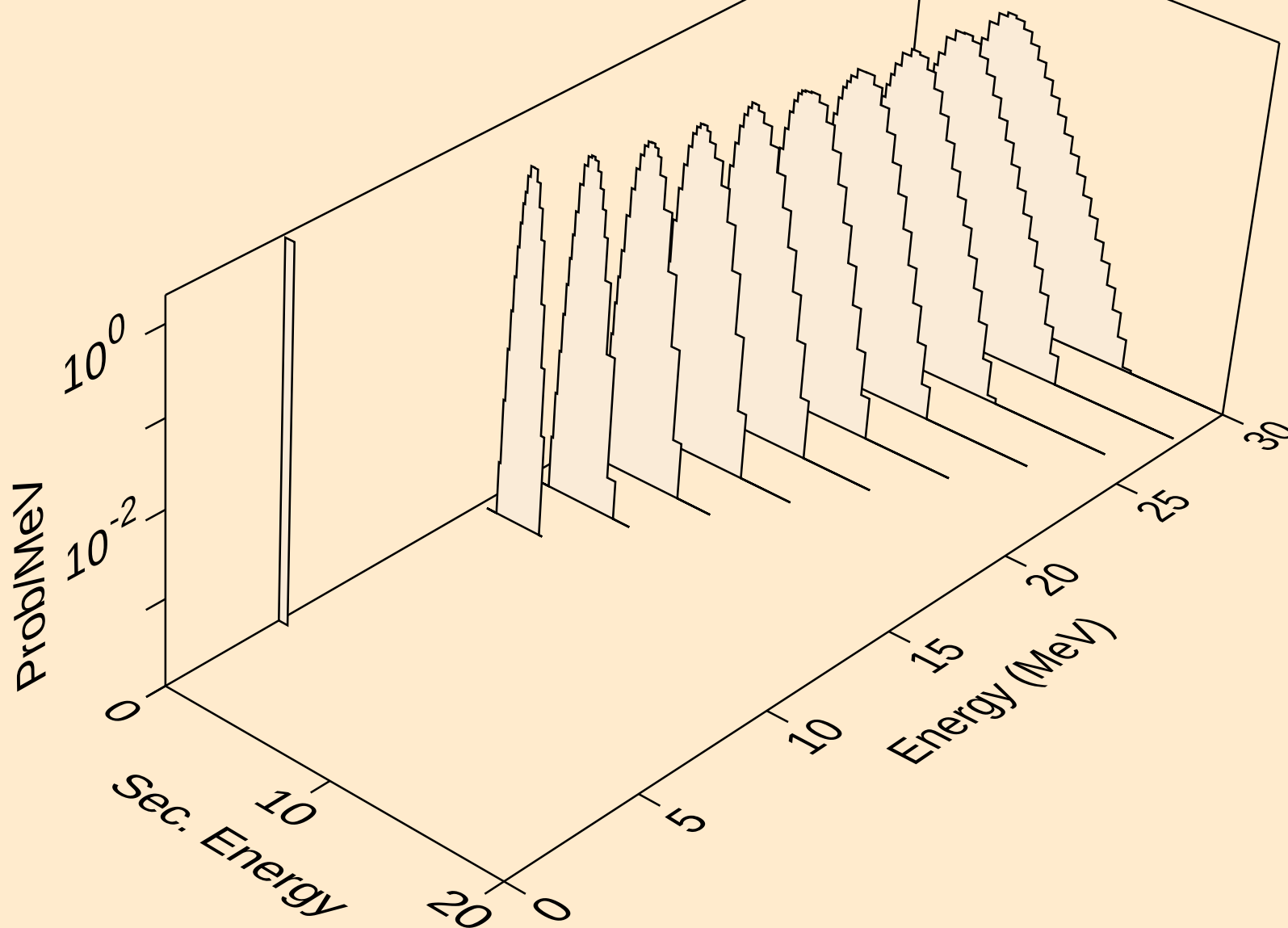
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



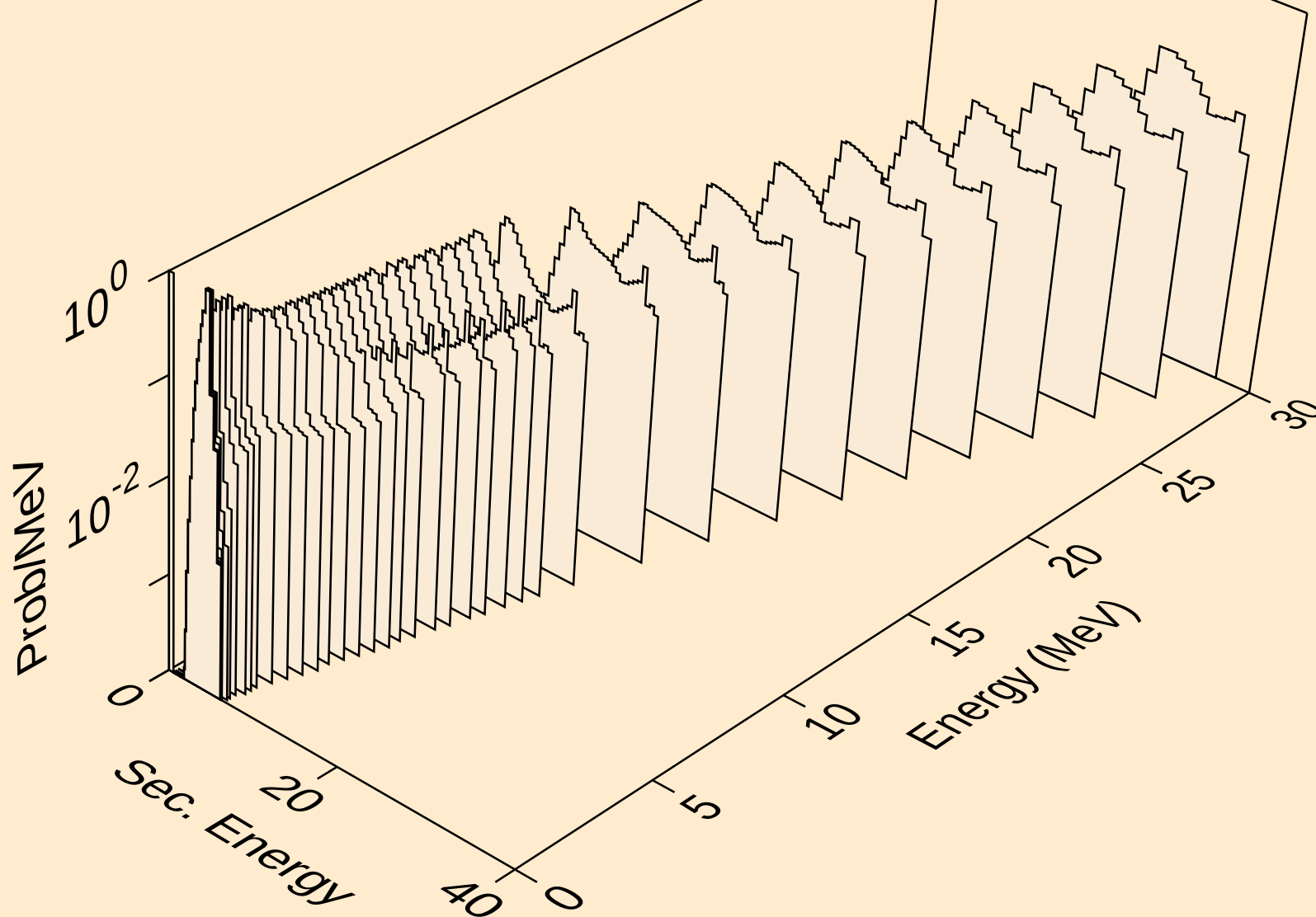
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

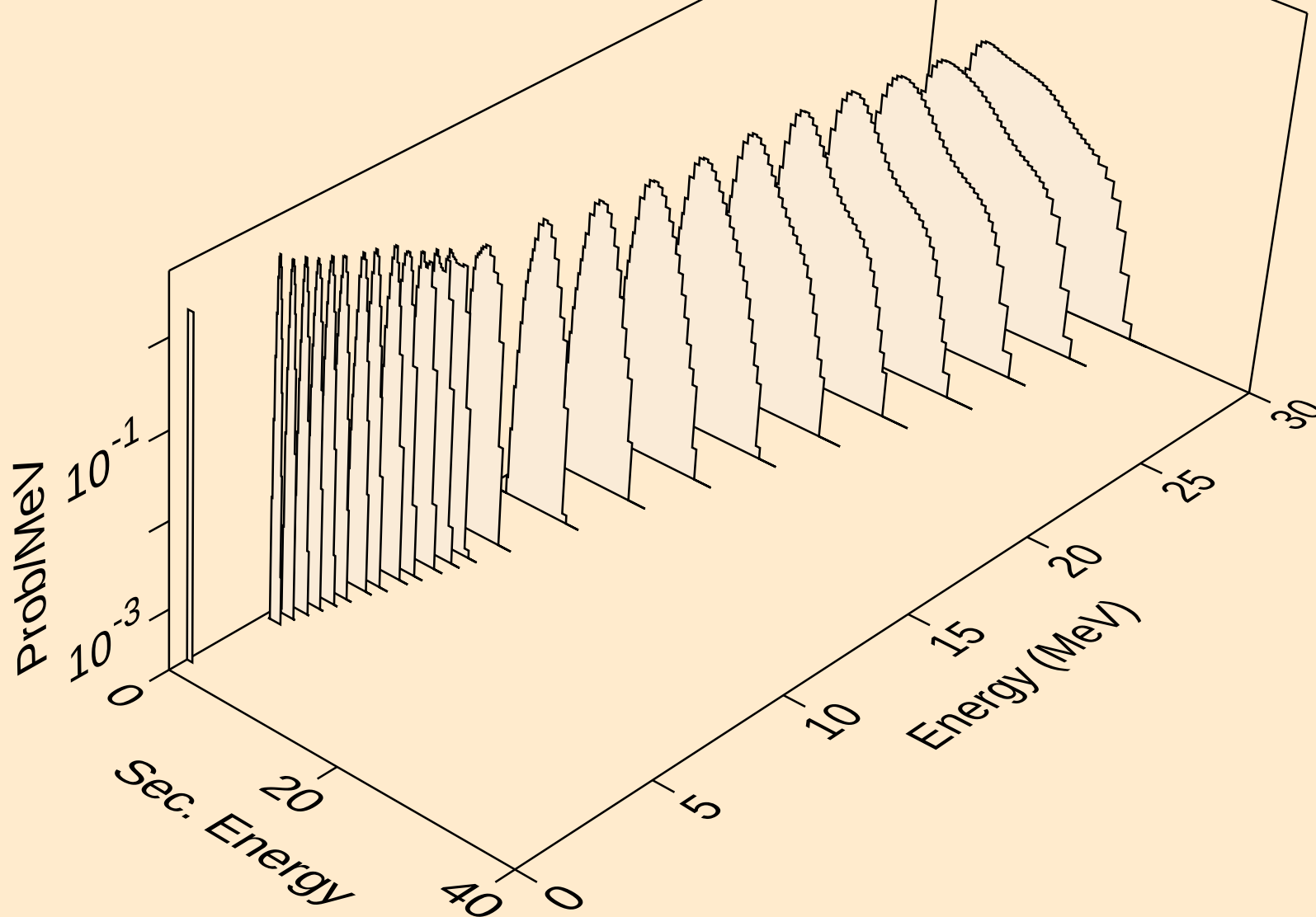


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

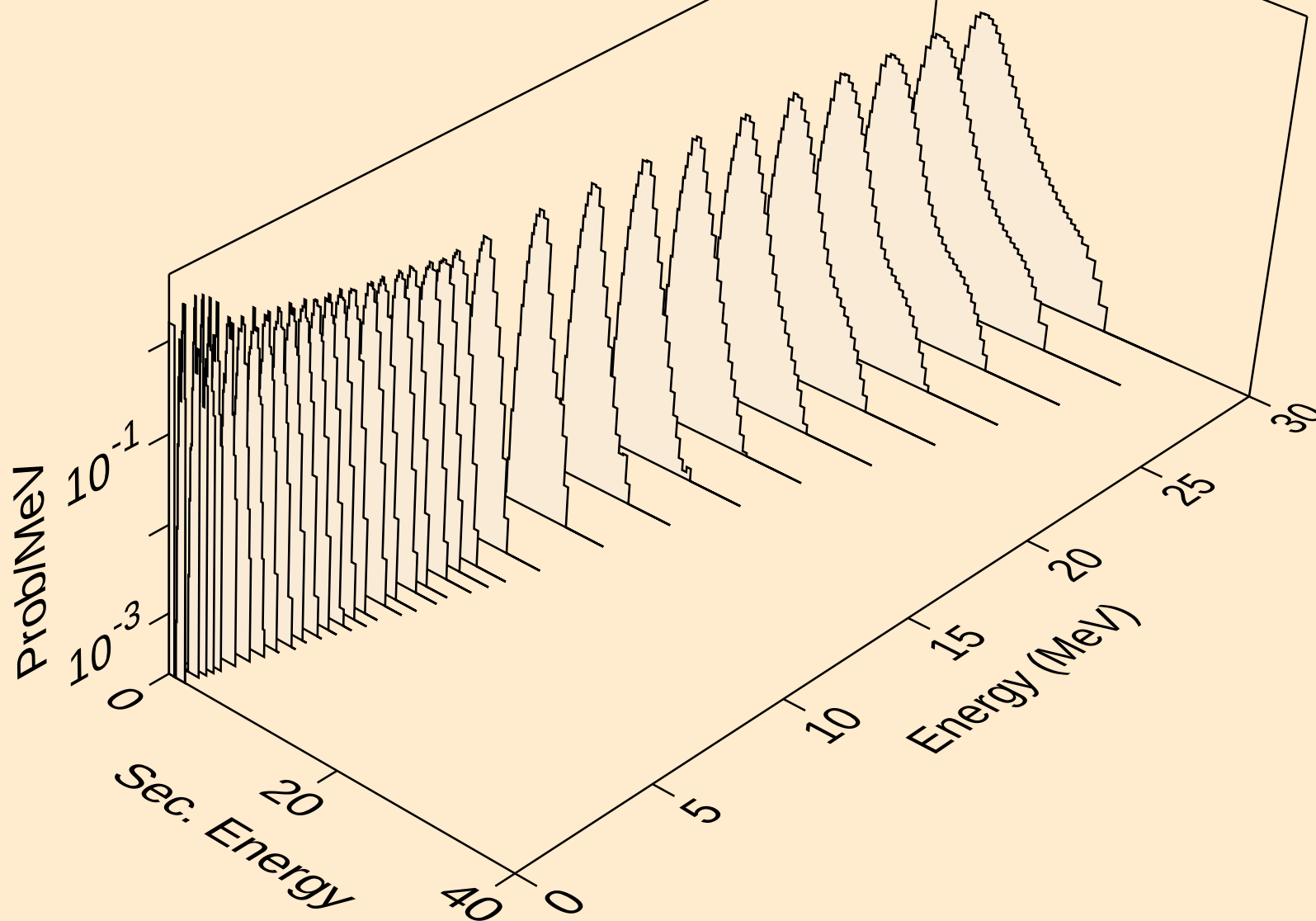




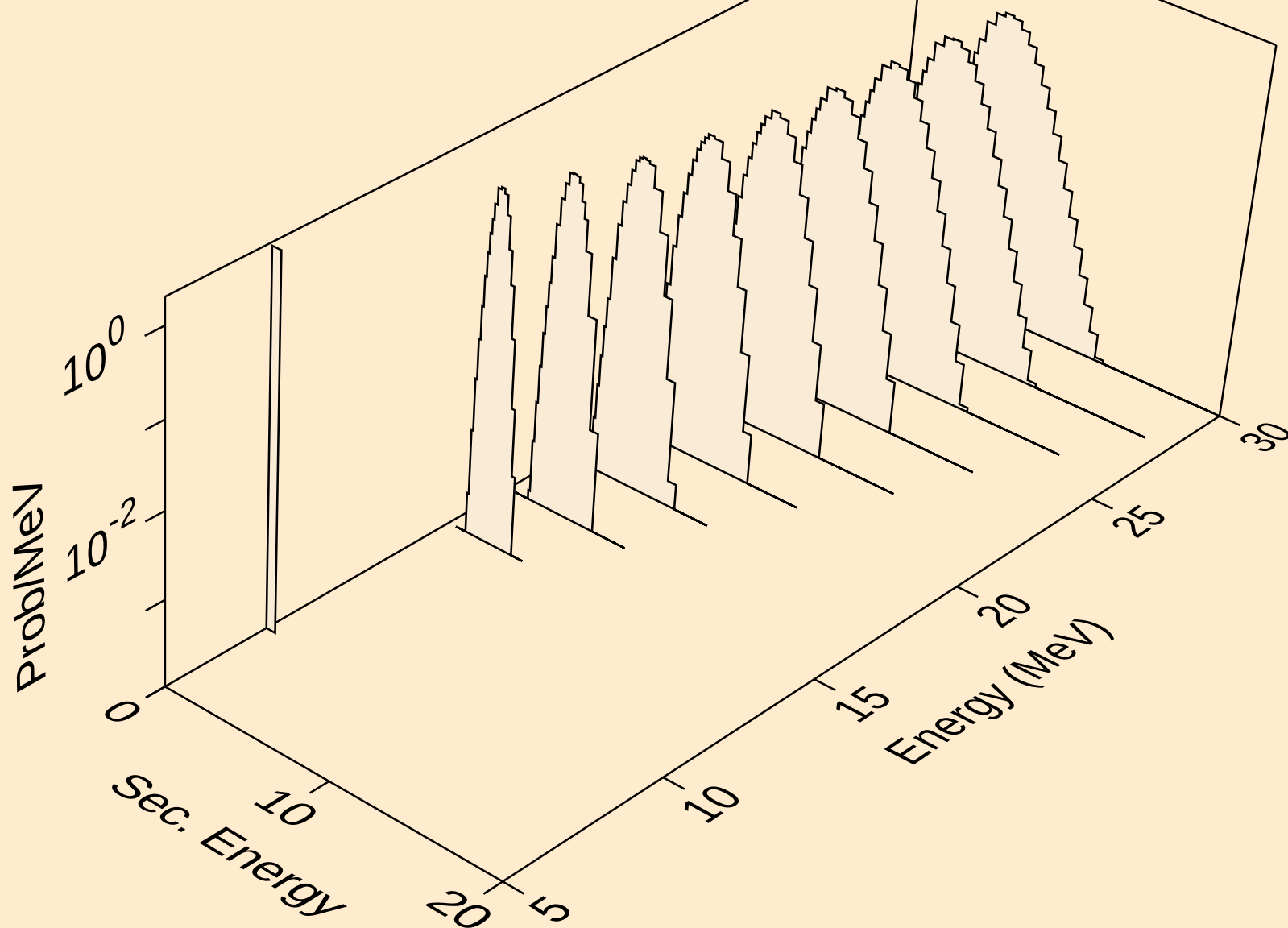
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protons from (n,2p)



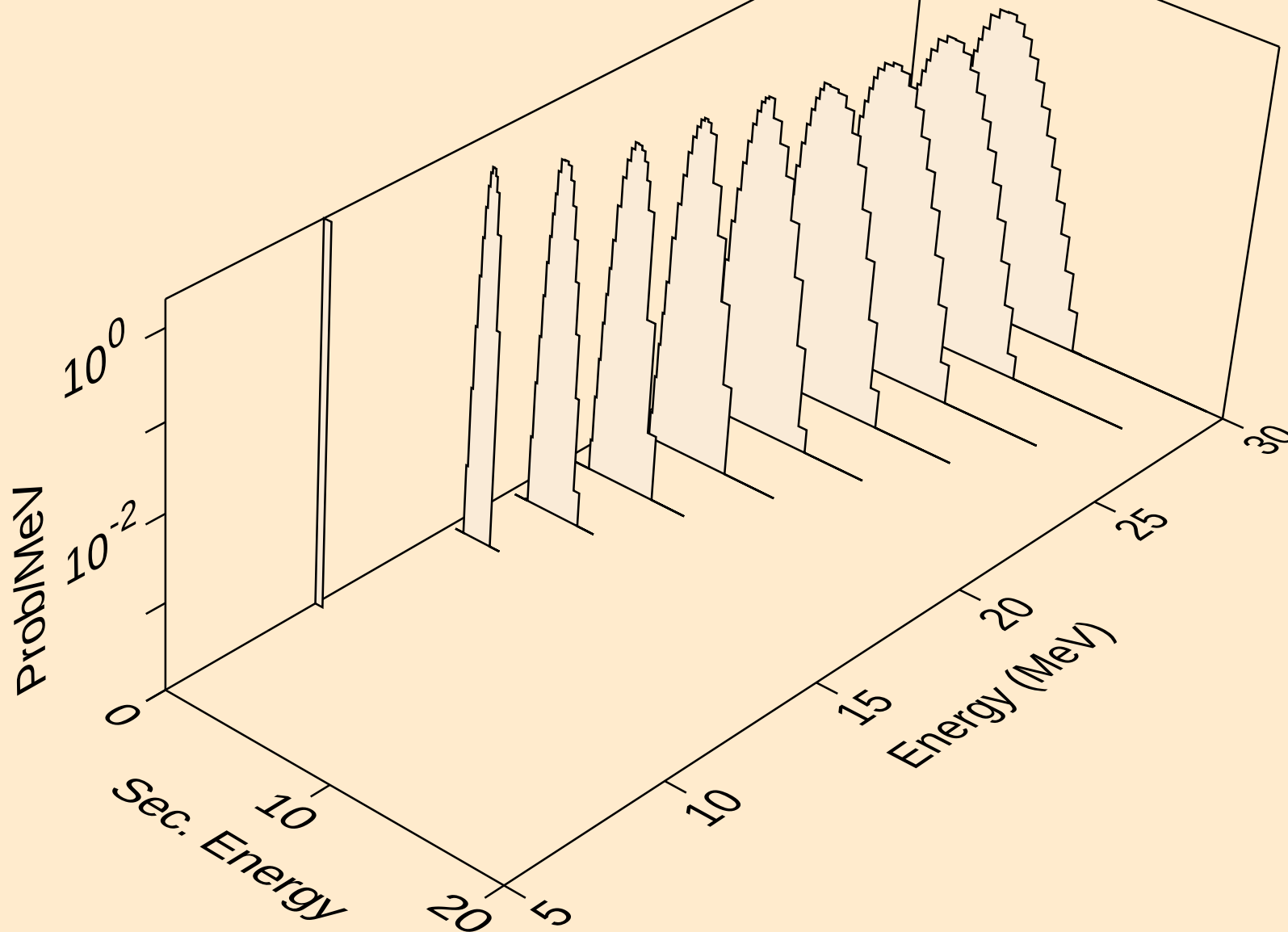
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



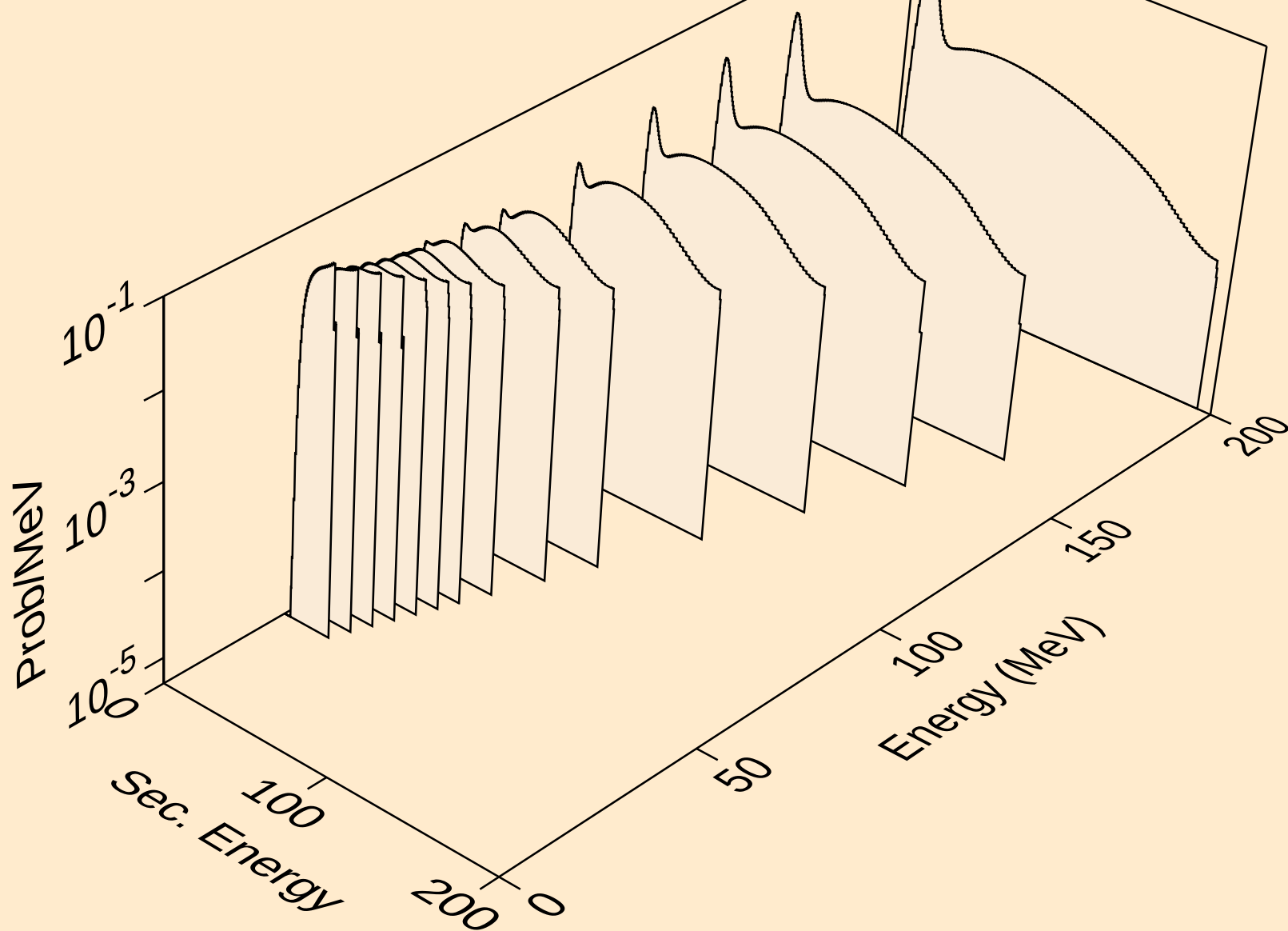
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



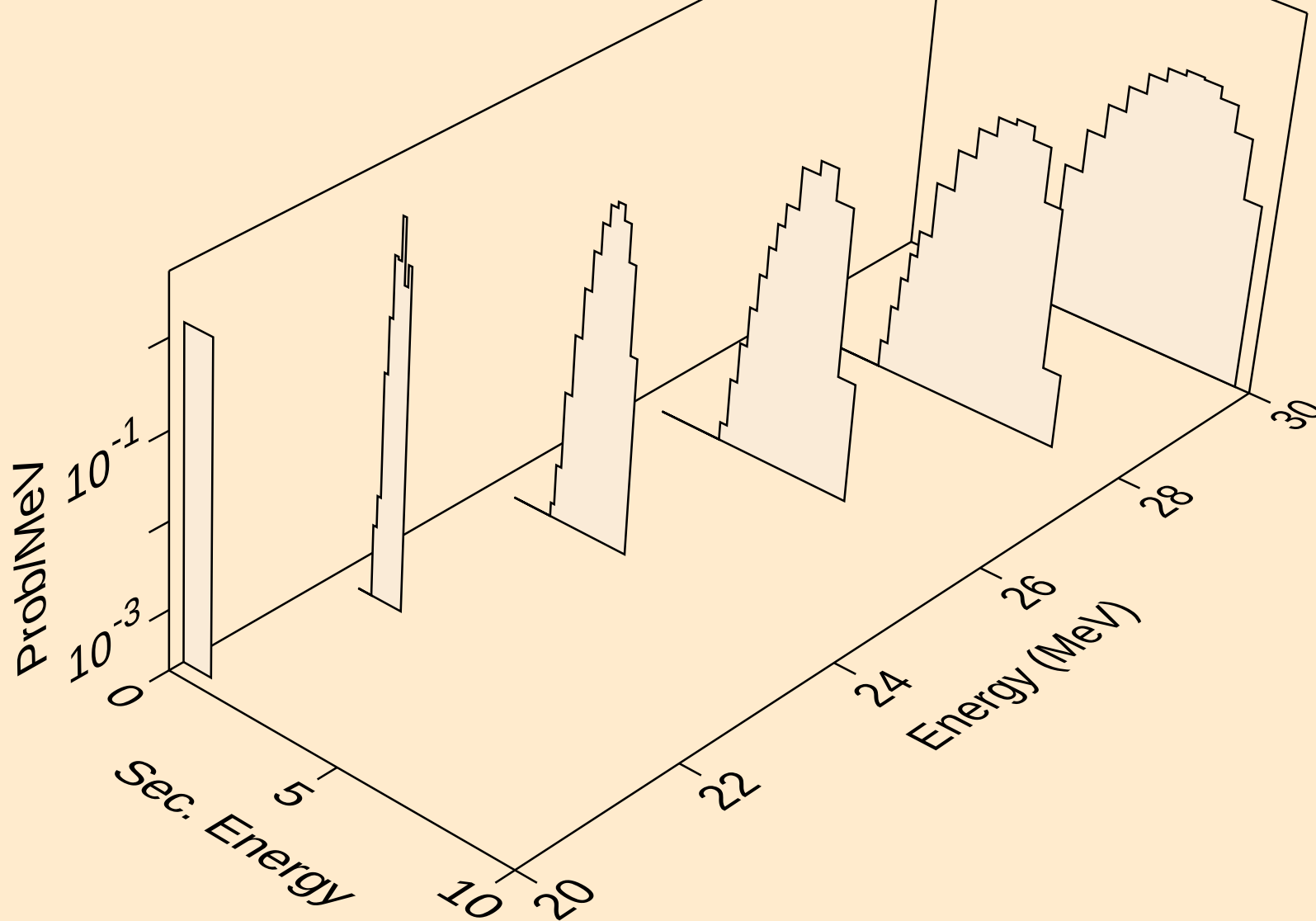
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



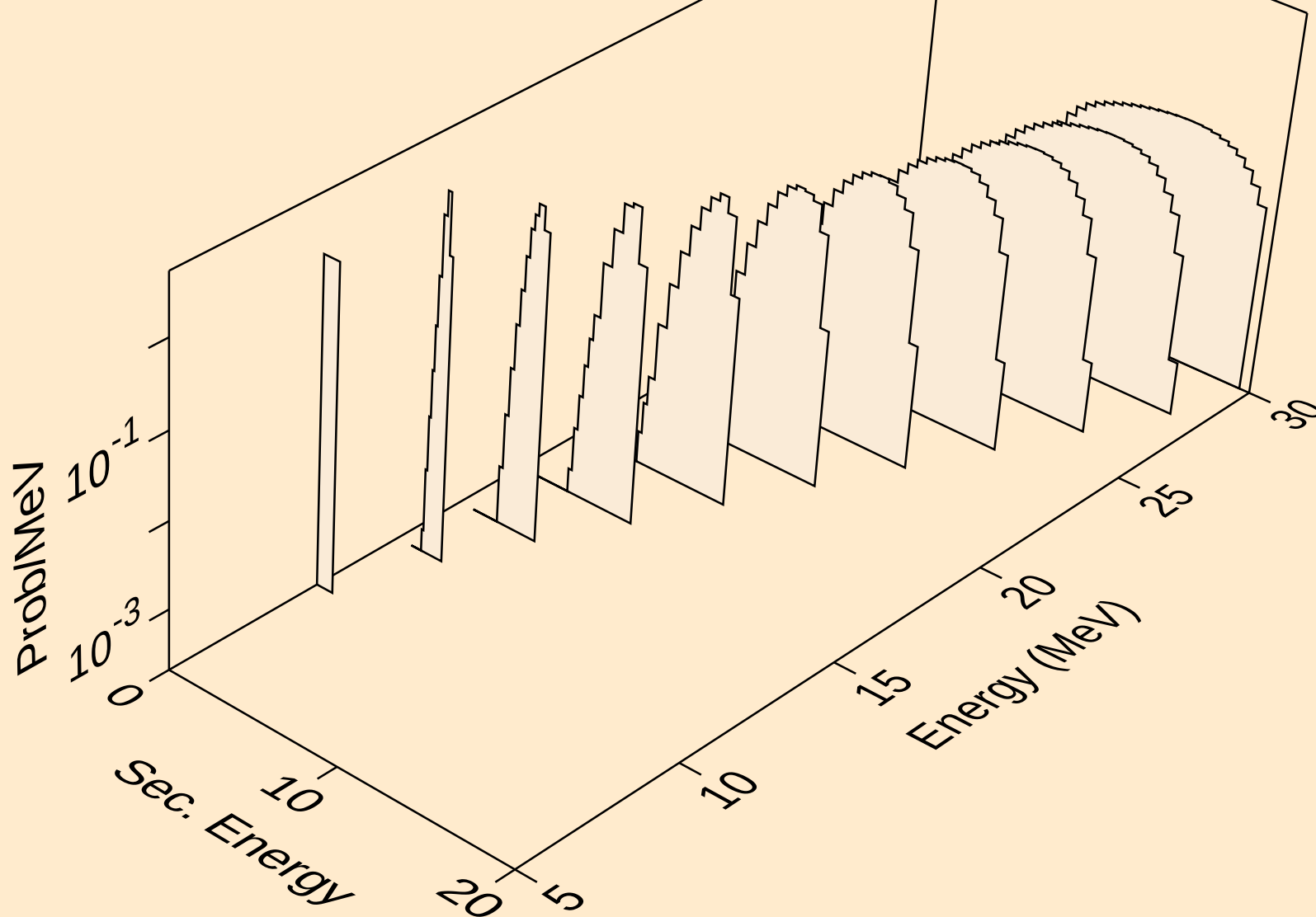
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



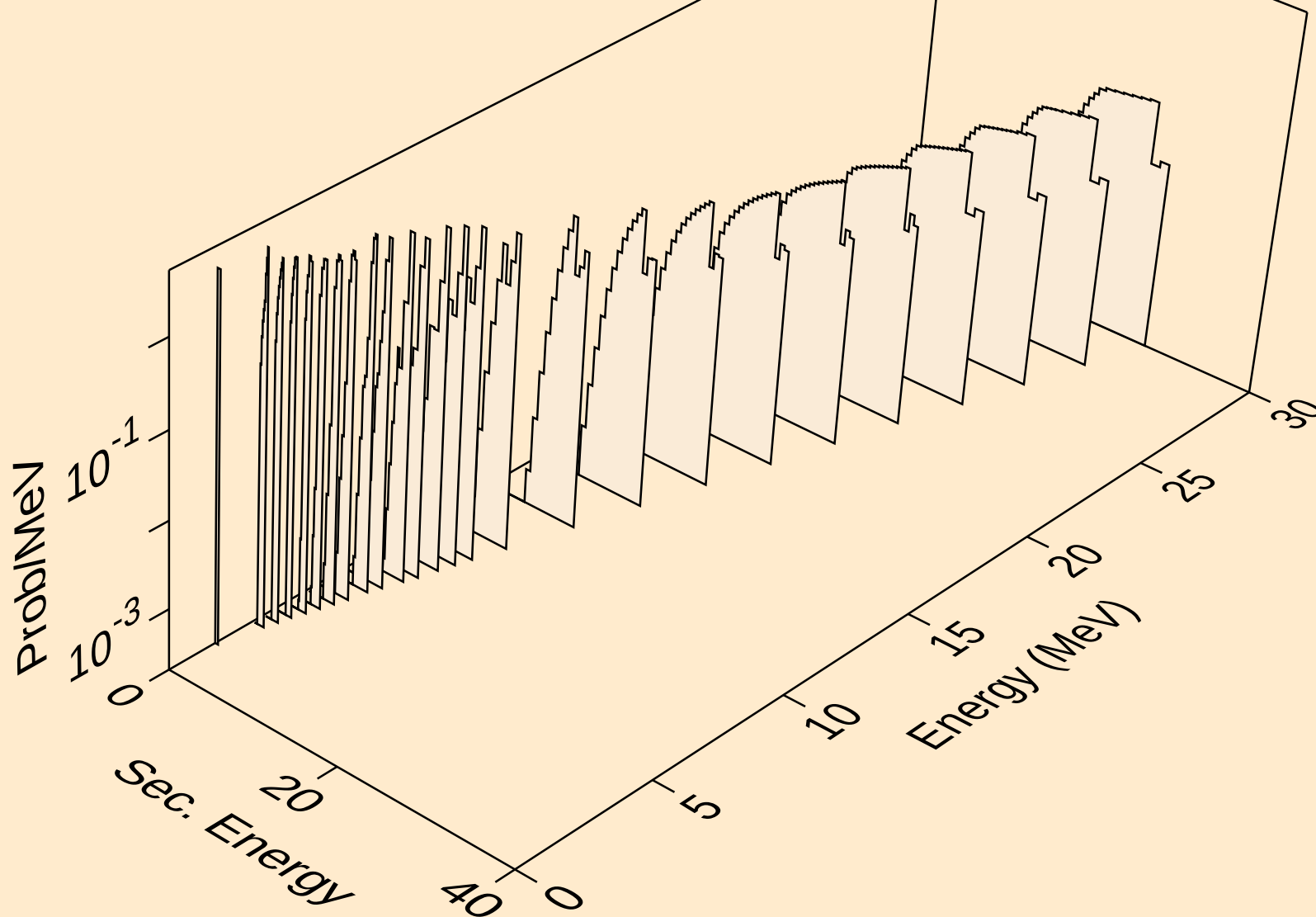
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

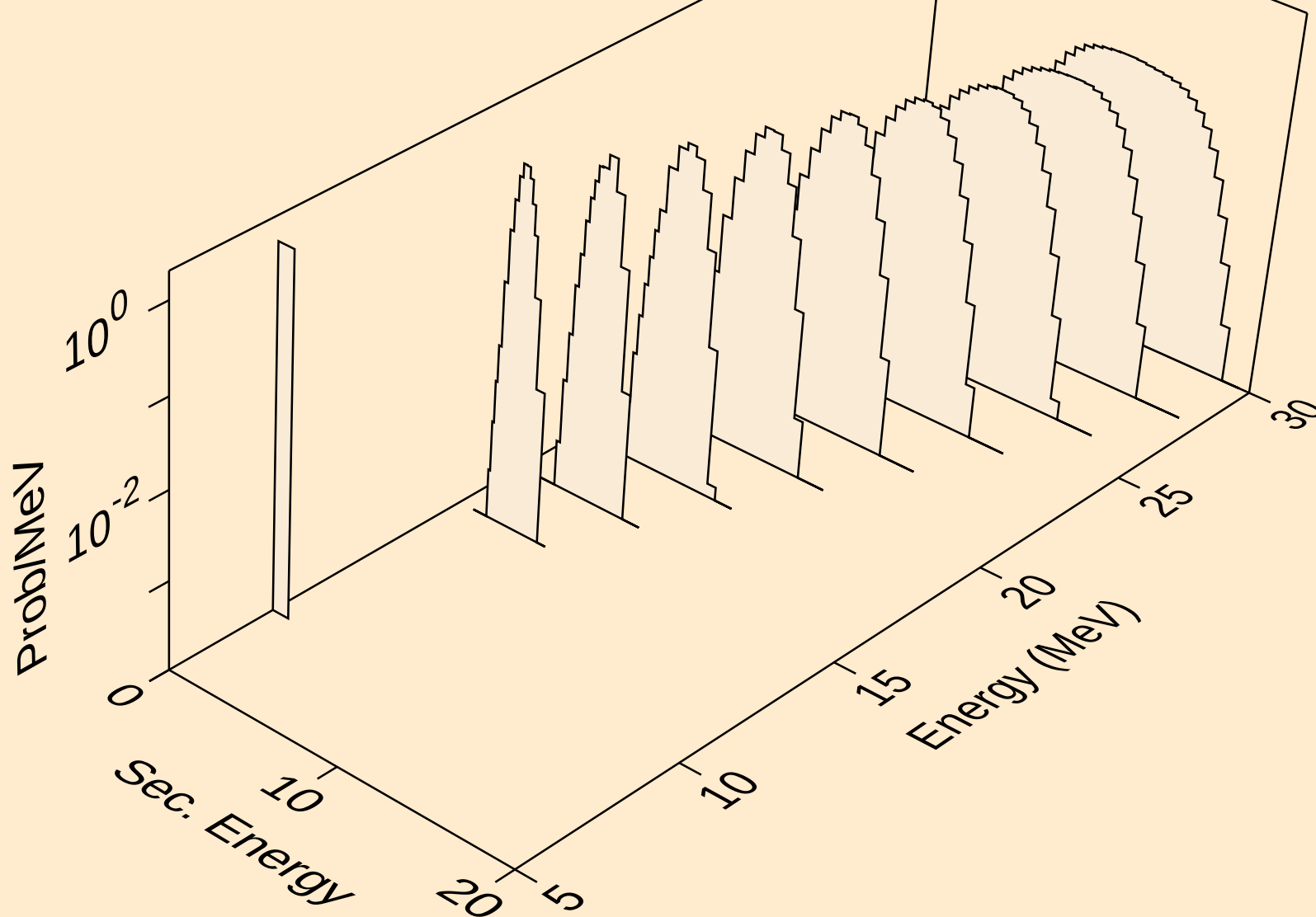


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

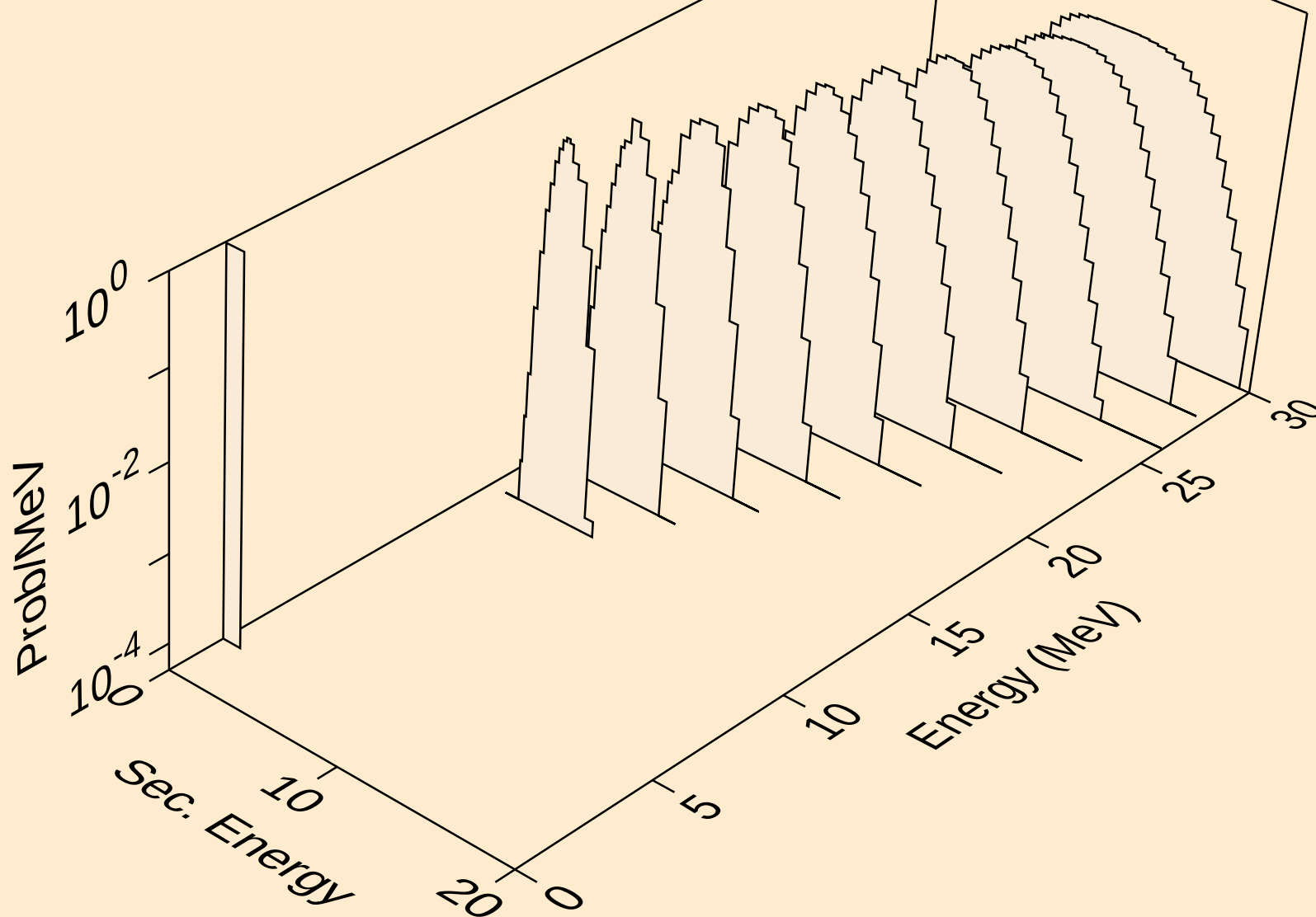




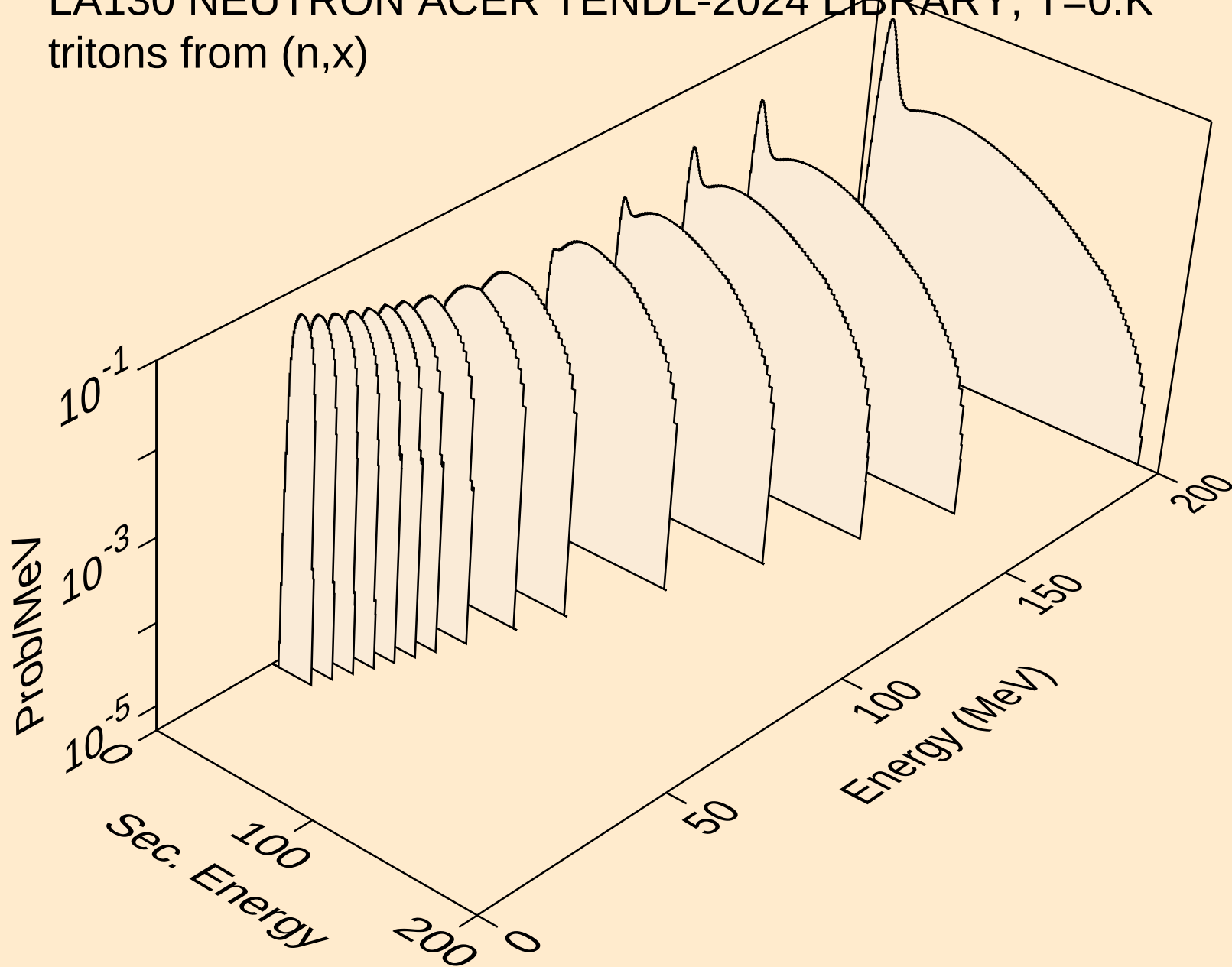
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



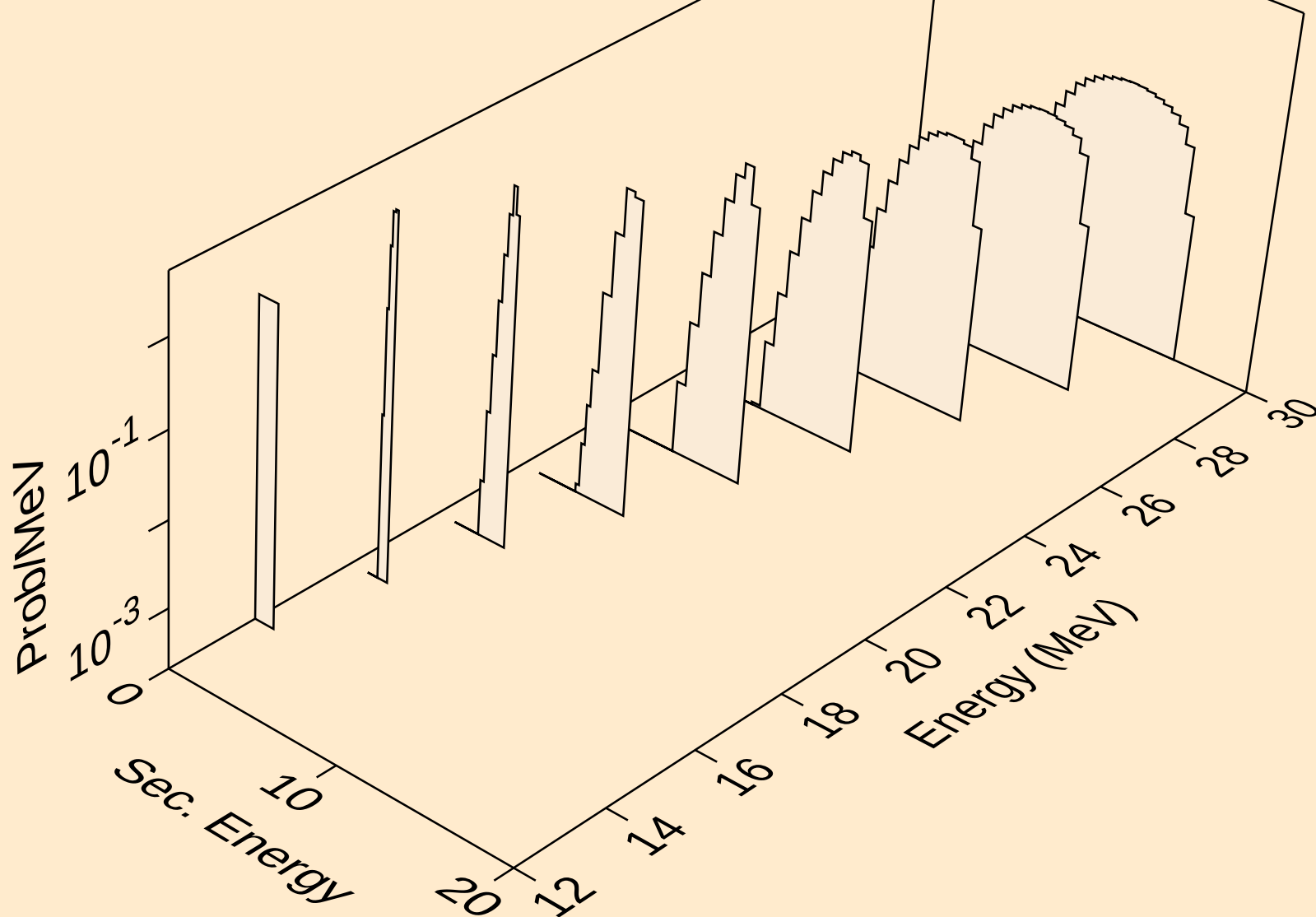
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



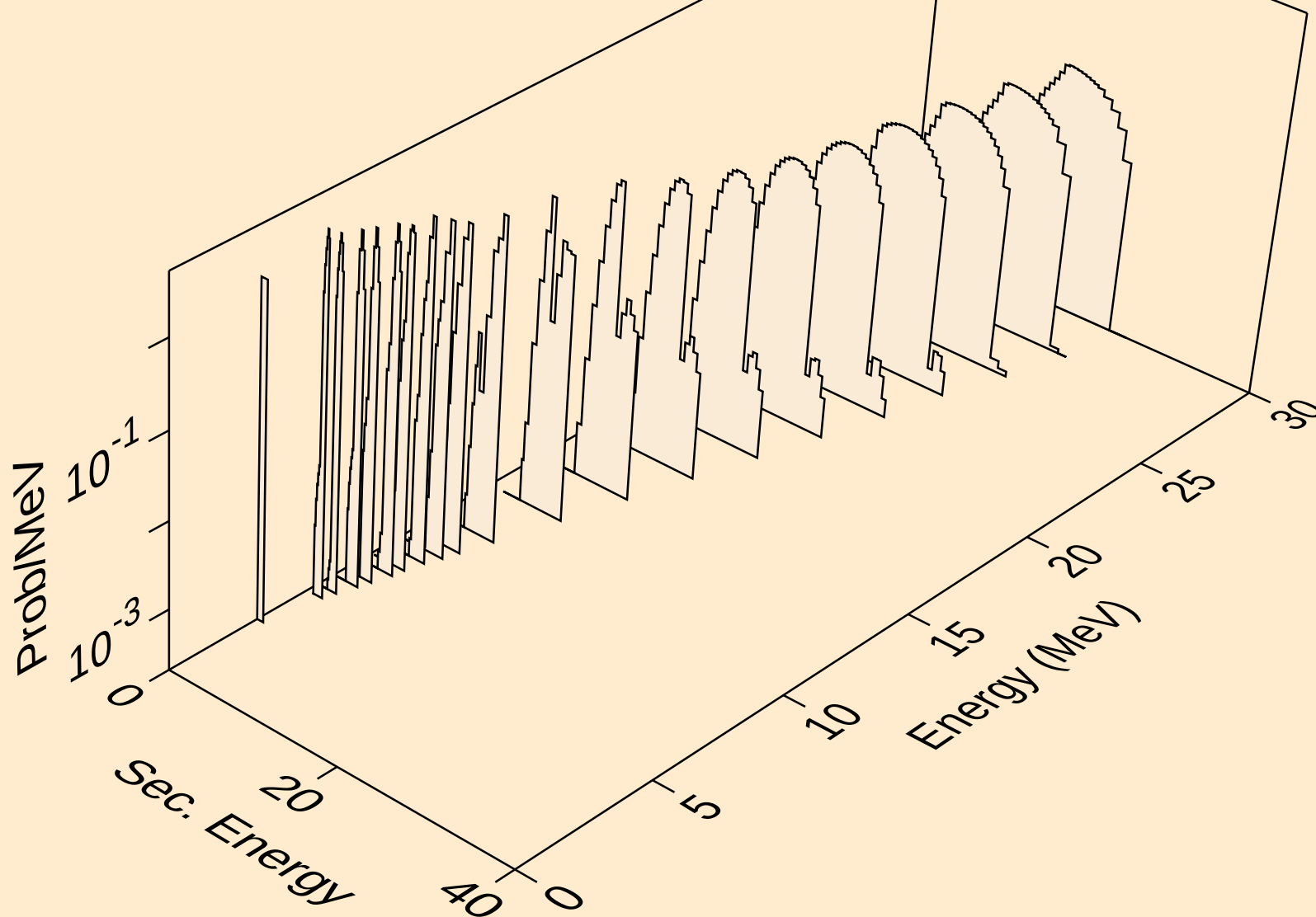
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



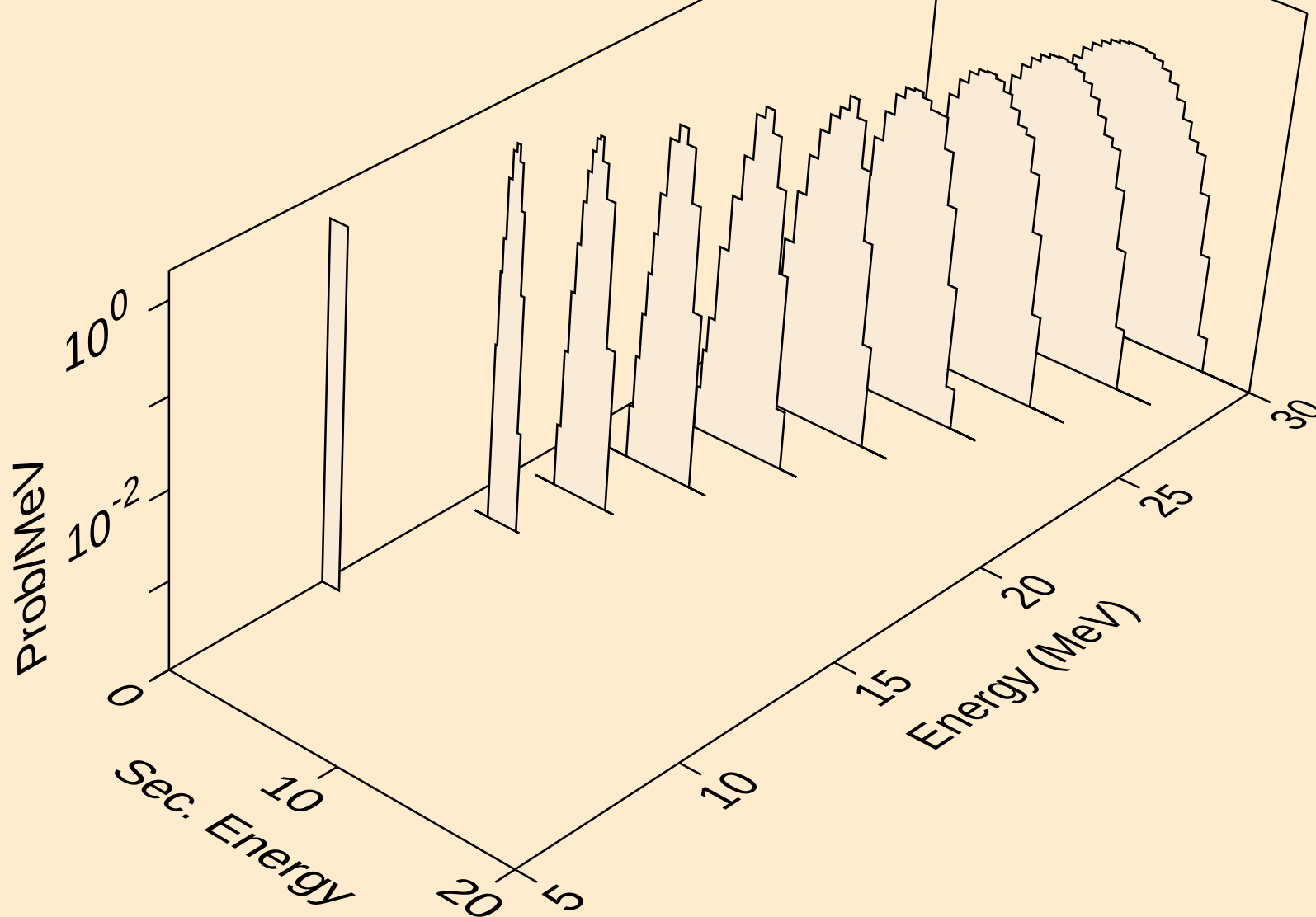
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



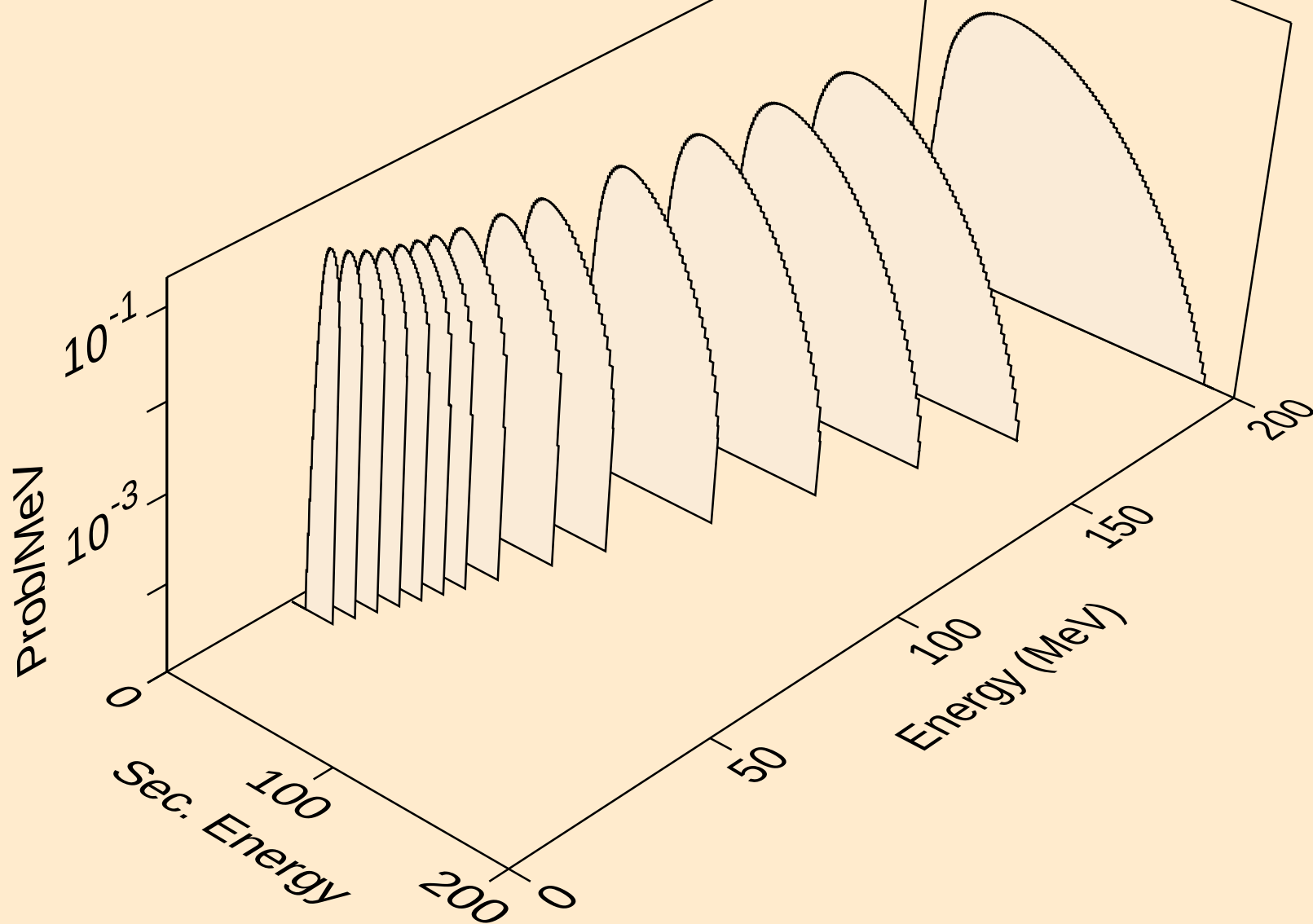
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



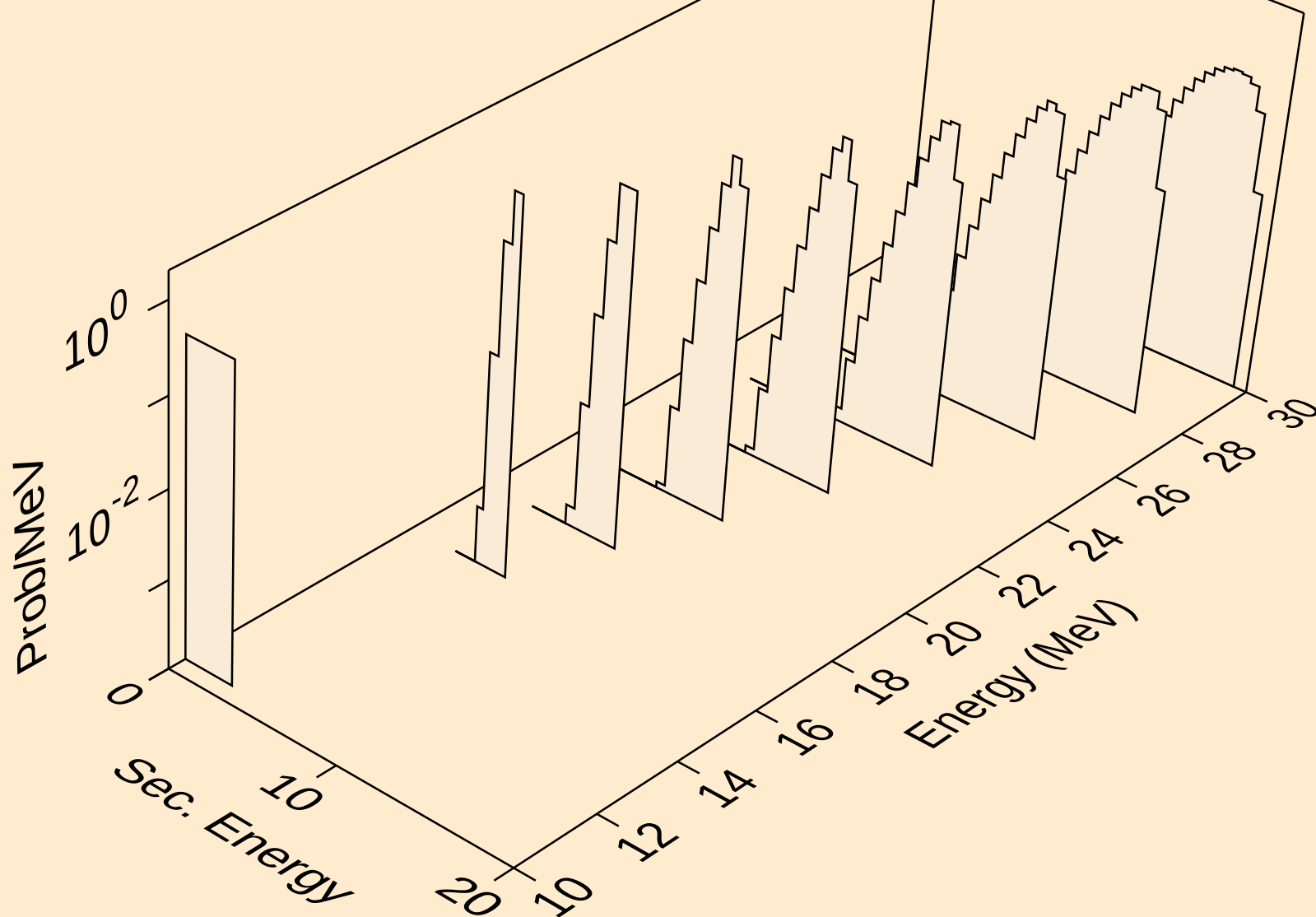
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

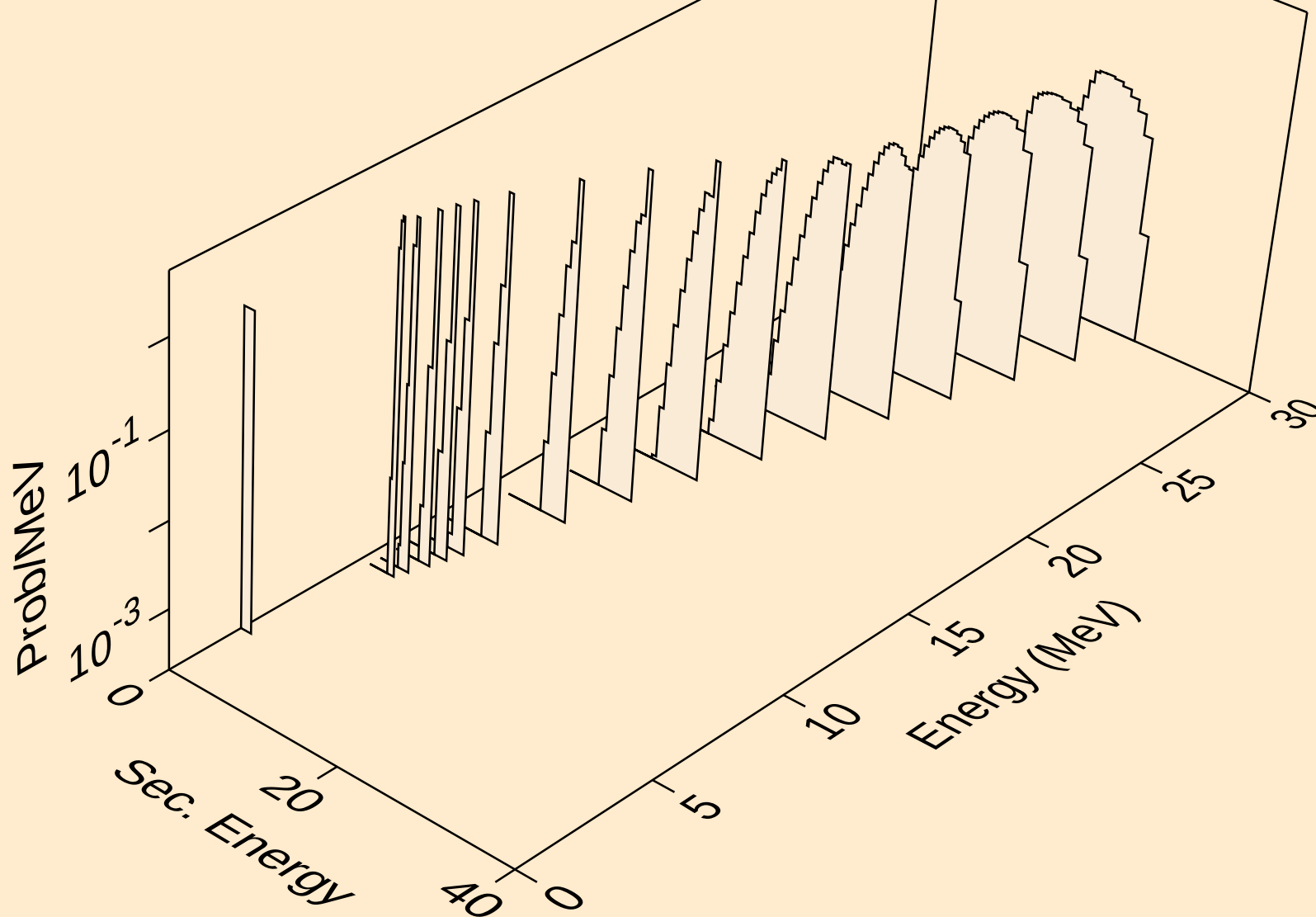


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

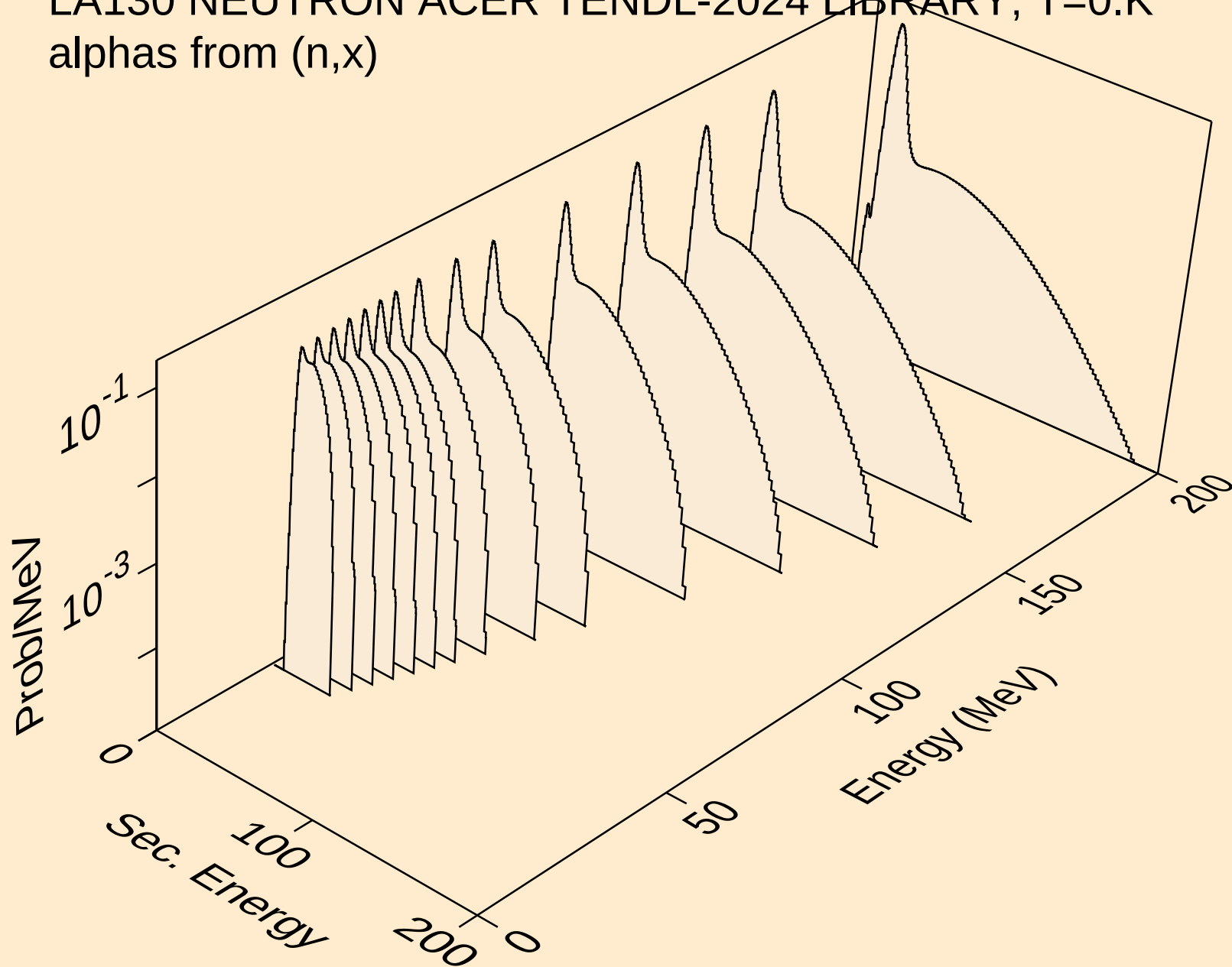




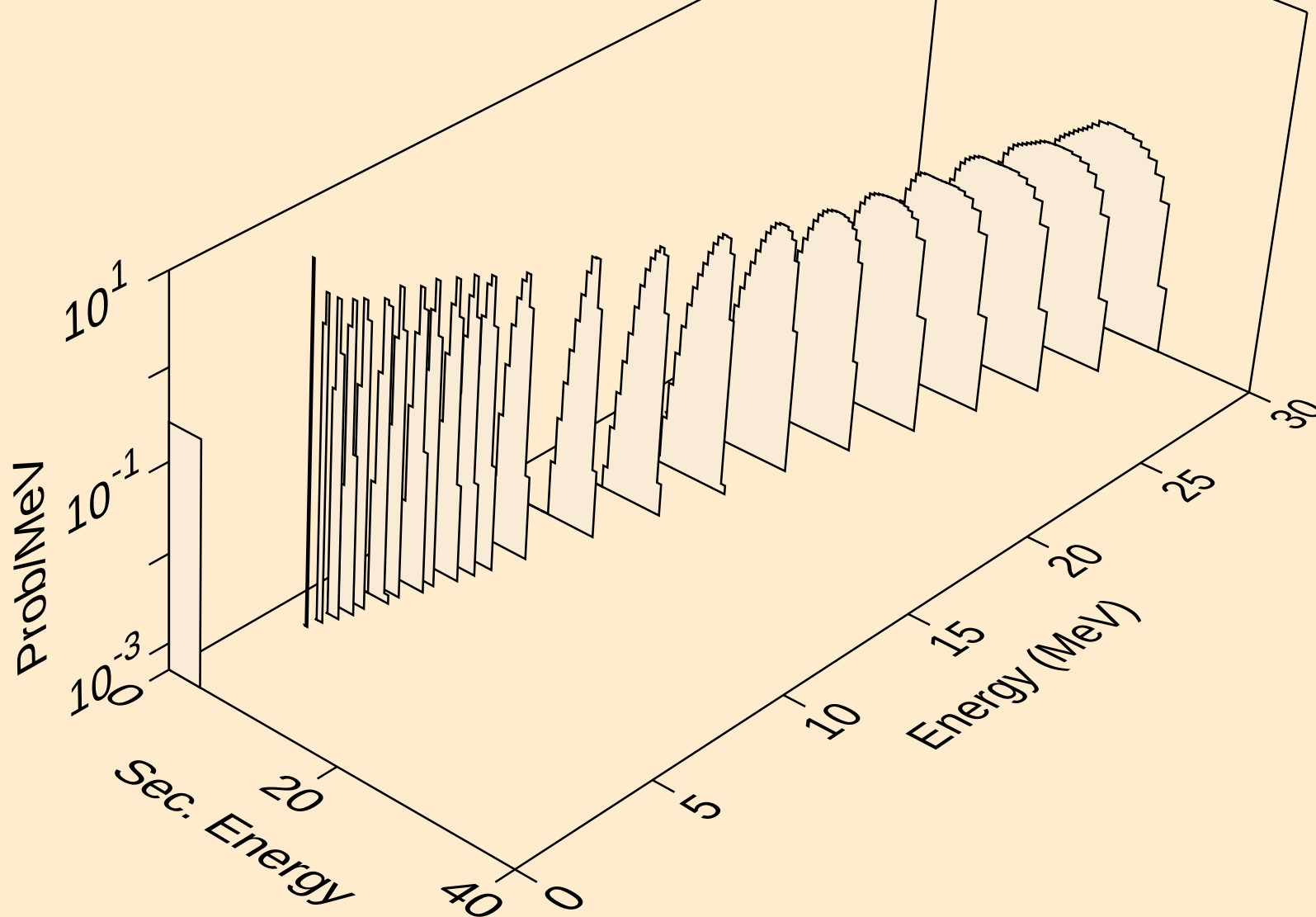
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



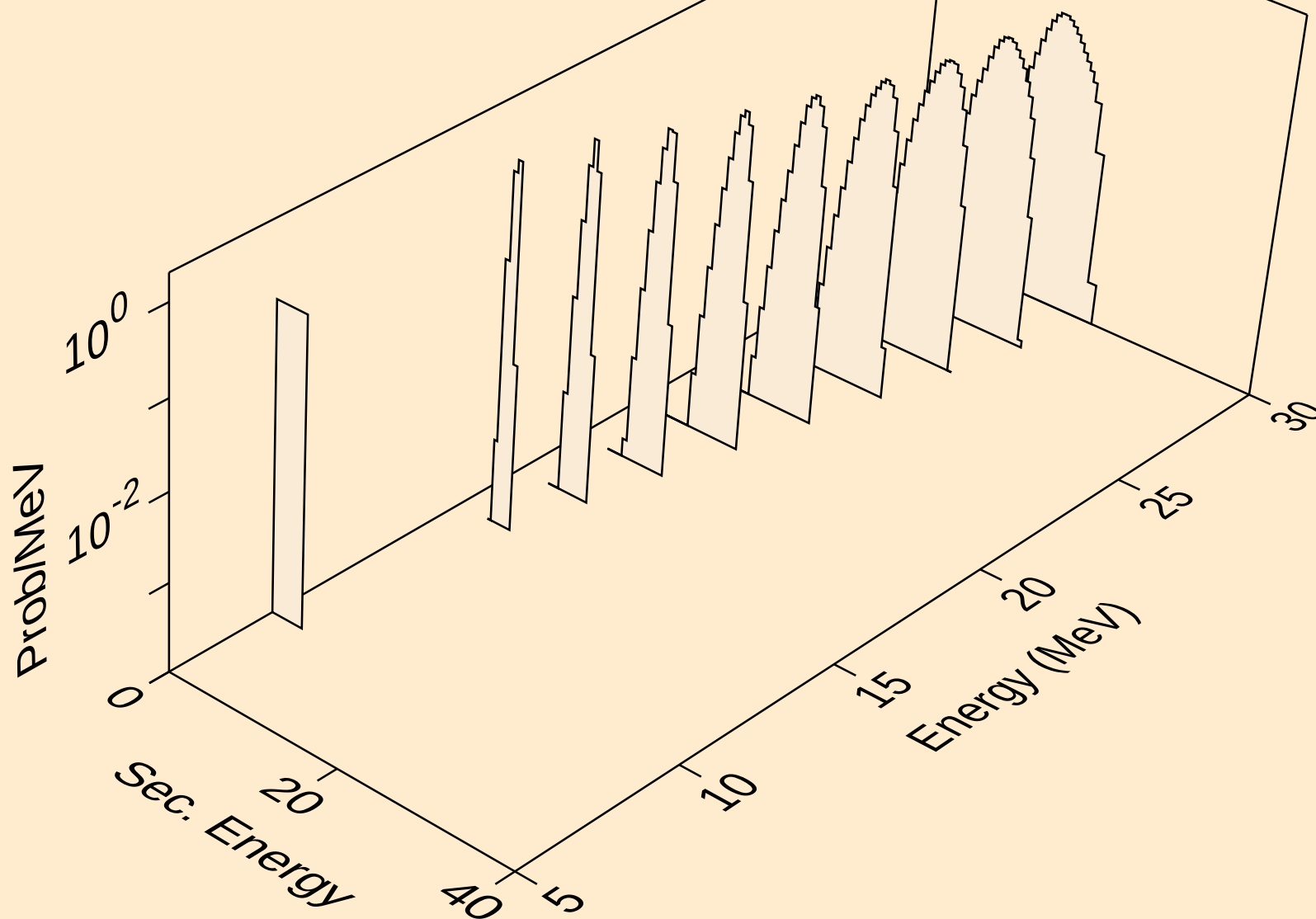
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



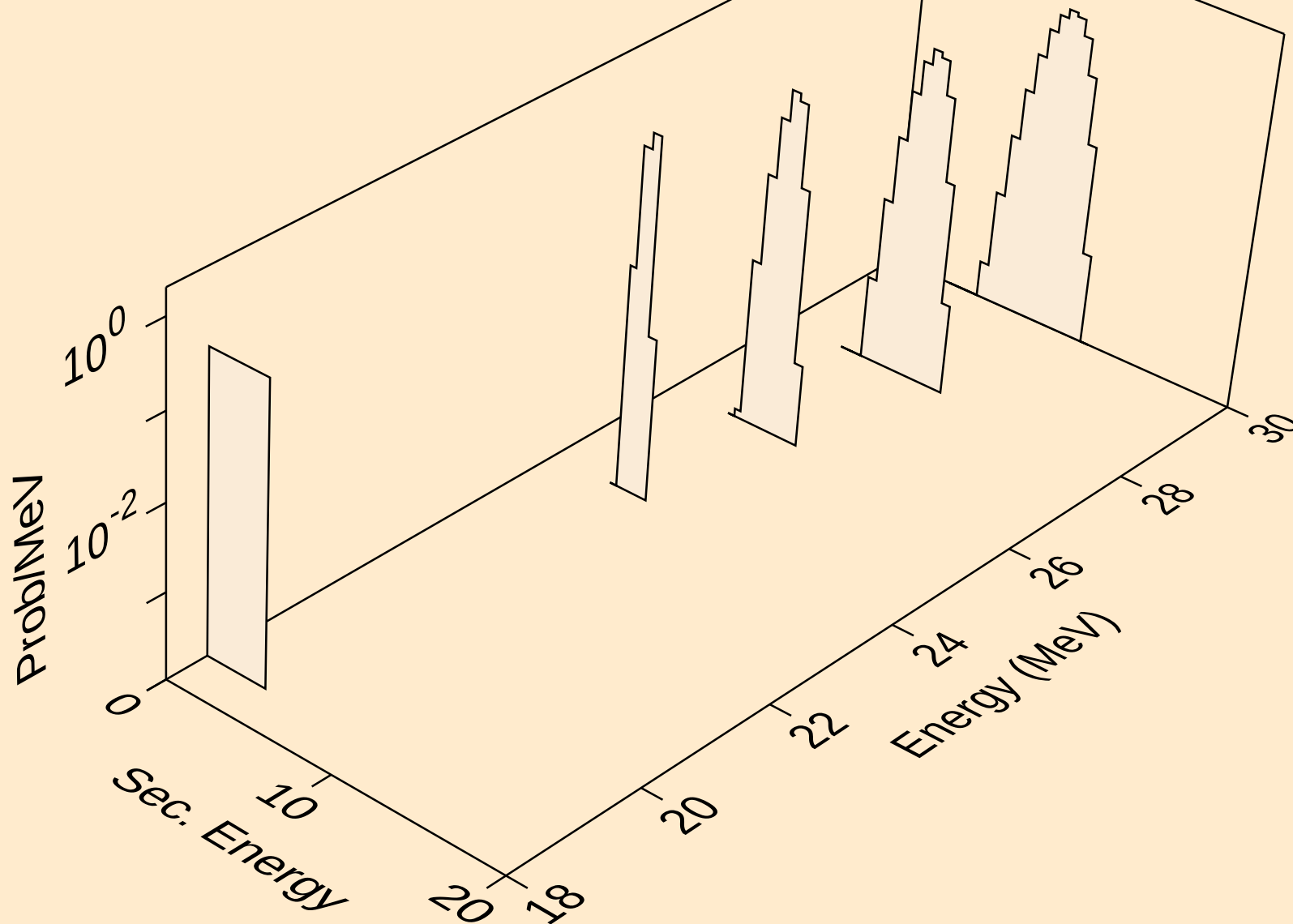
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



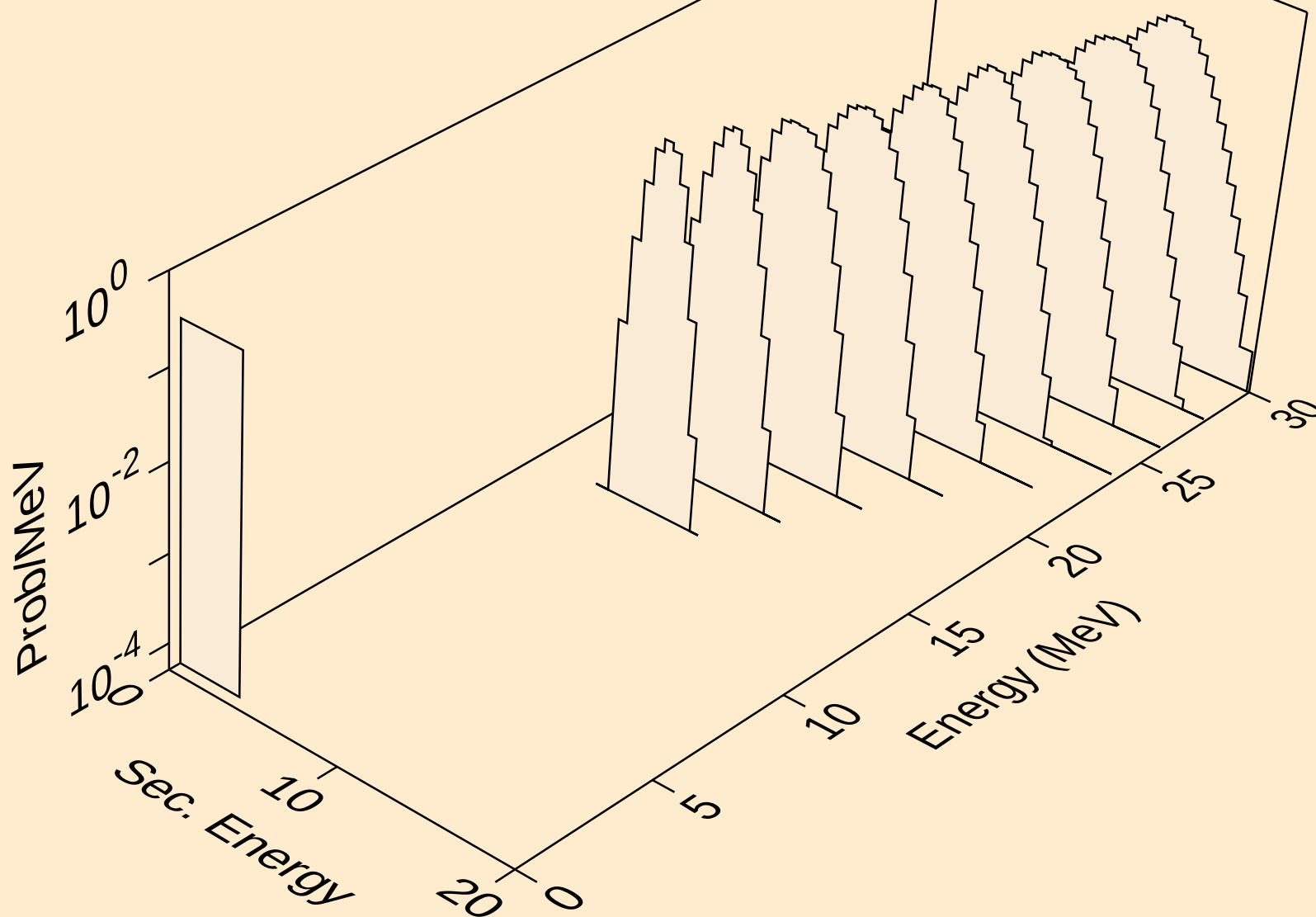
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



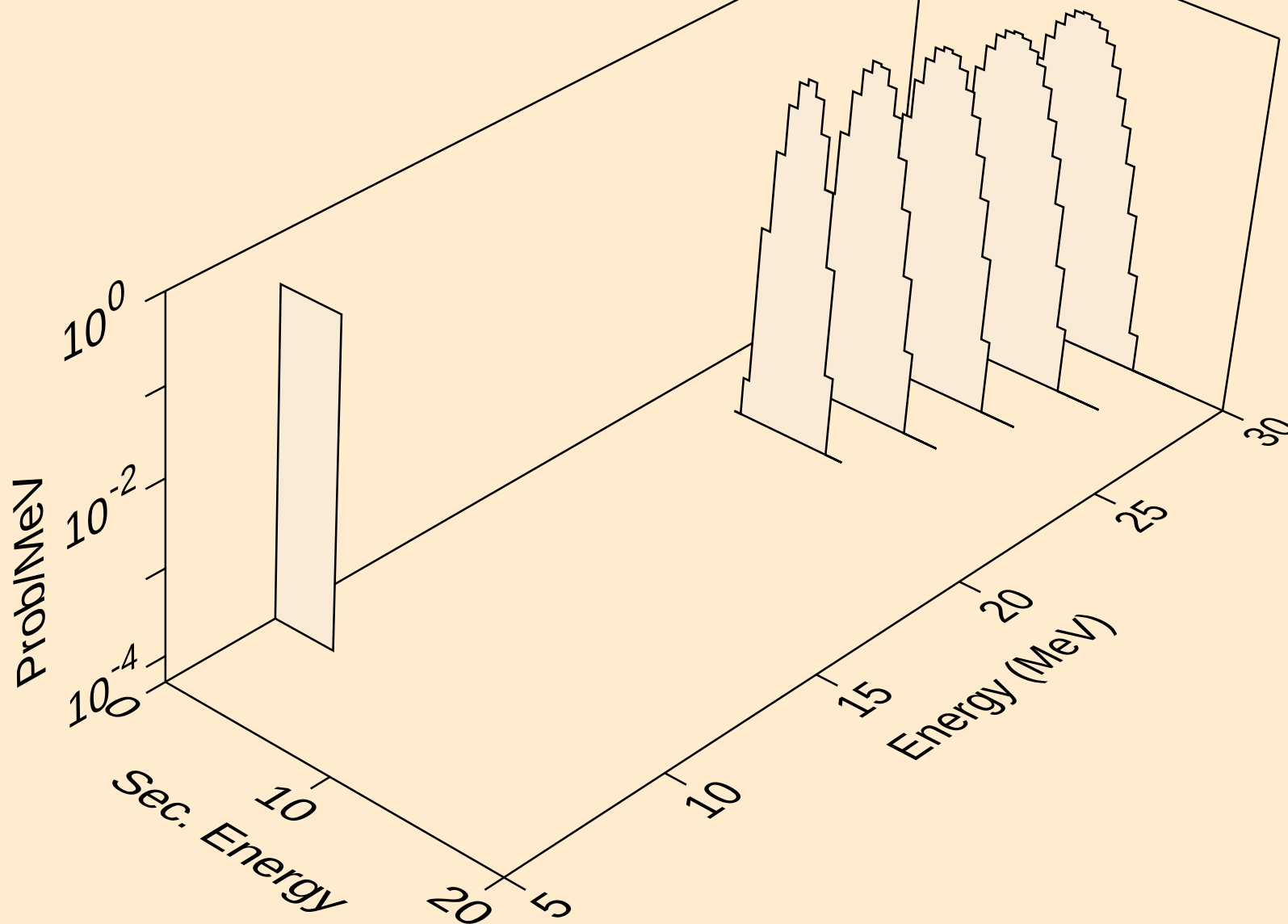
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



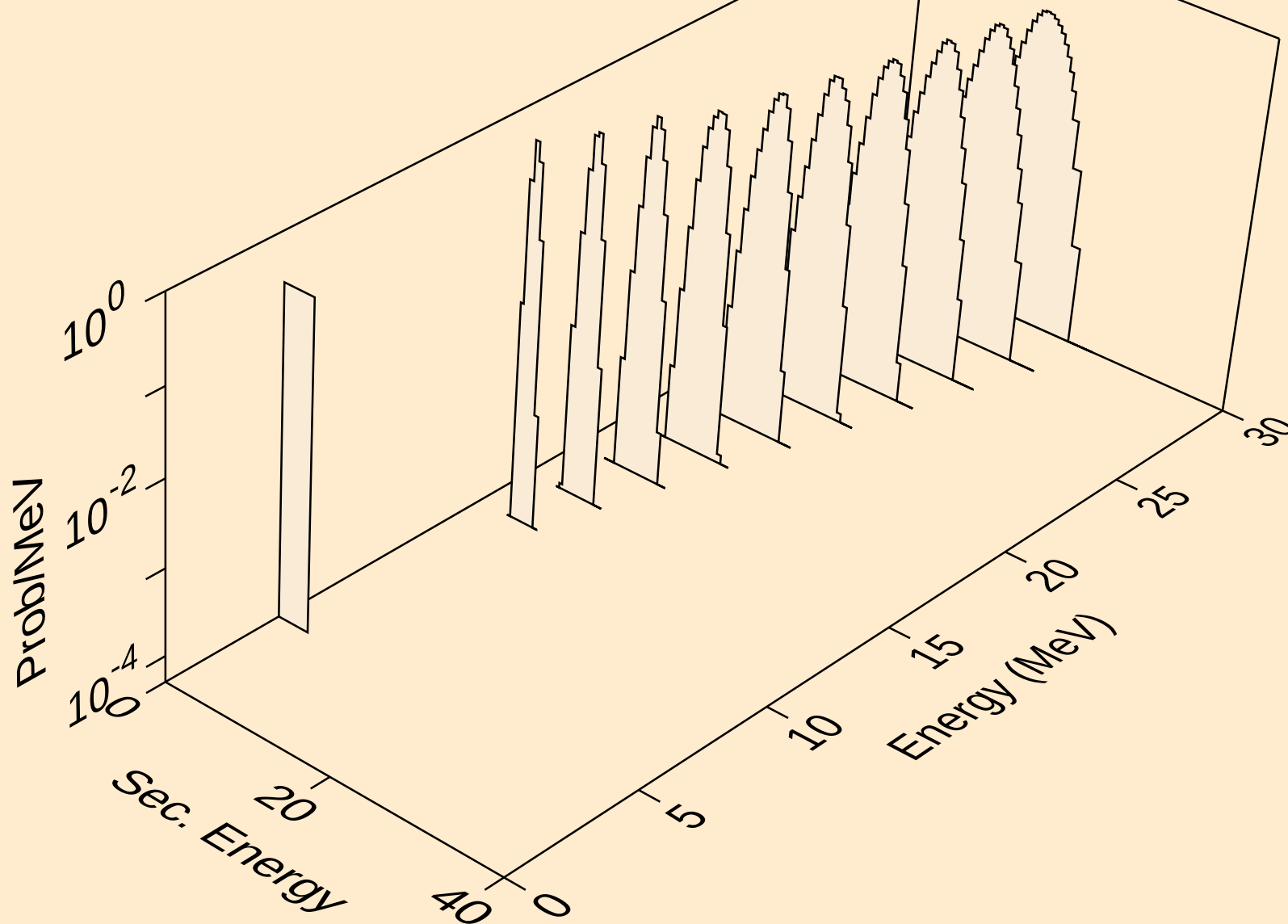
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

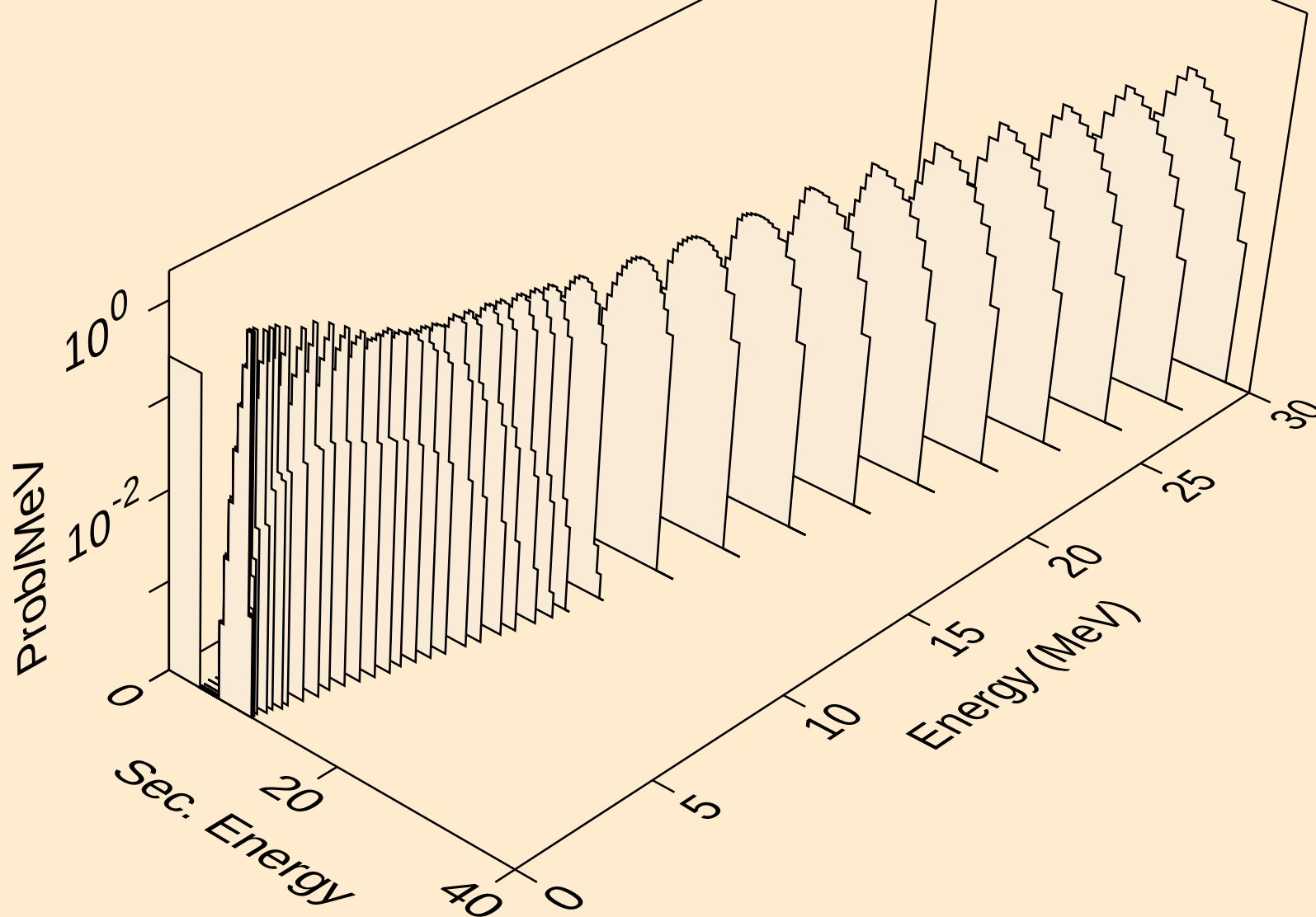


LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

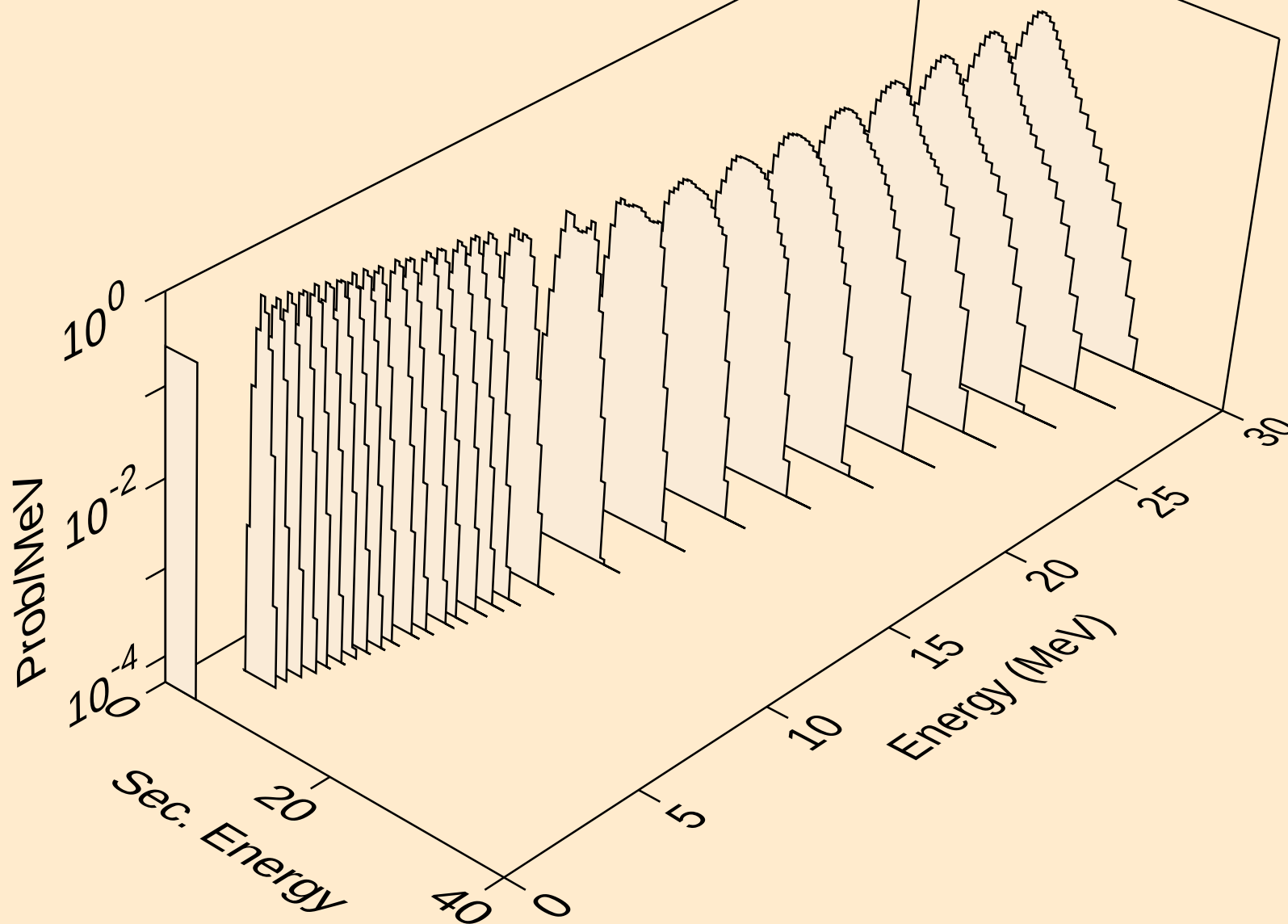




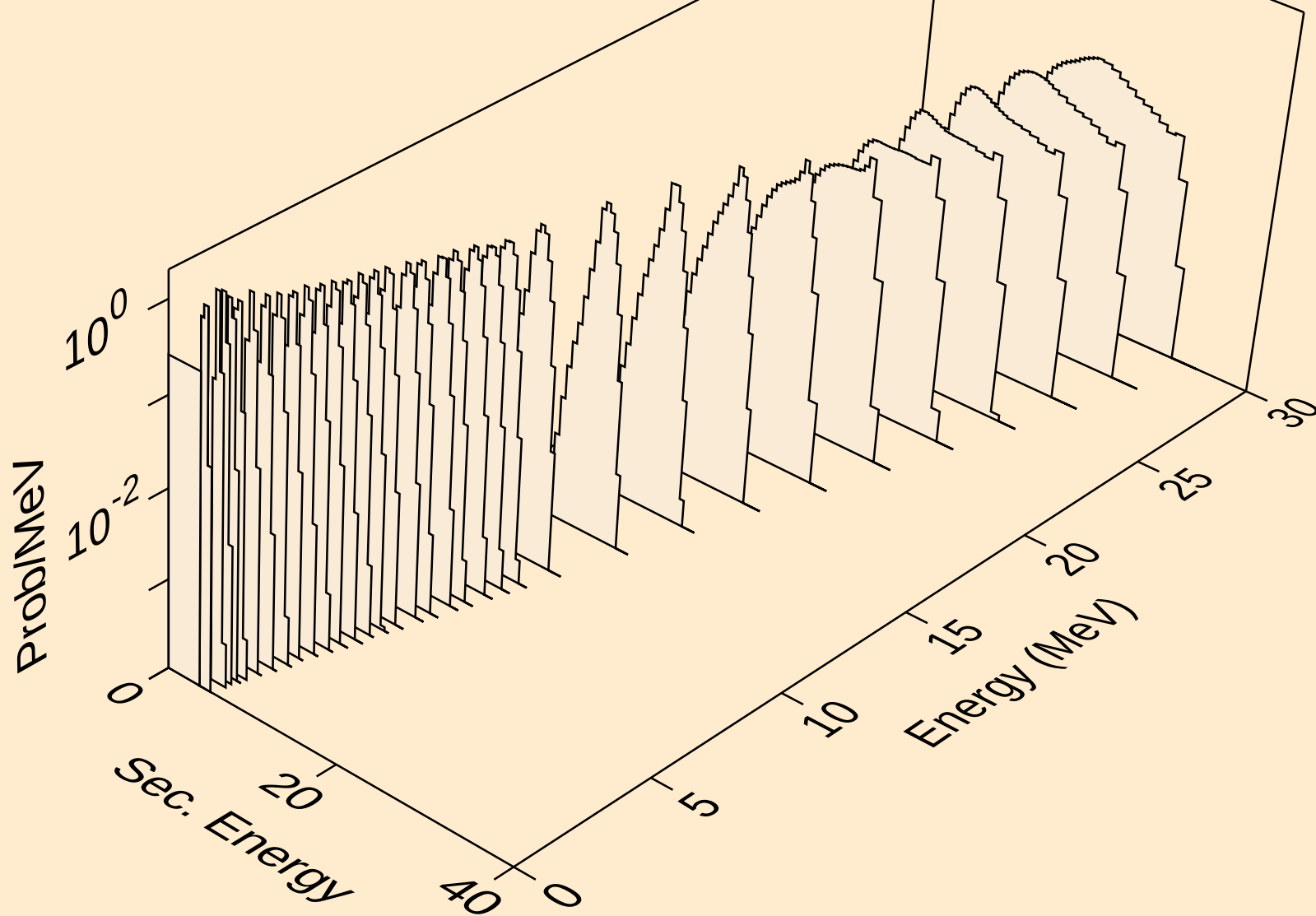
LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



LA130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

