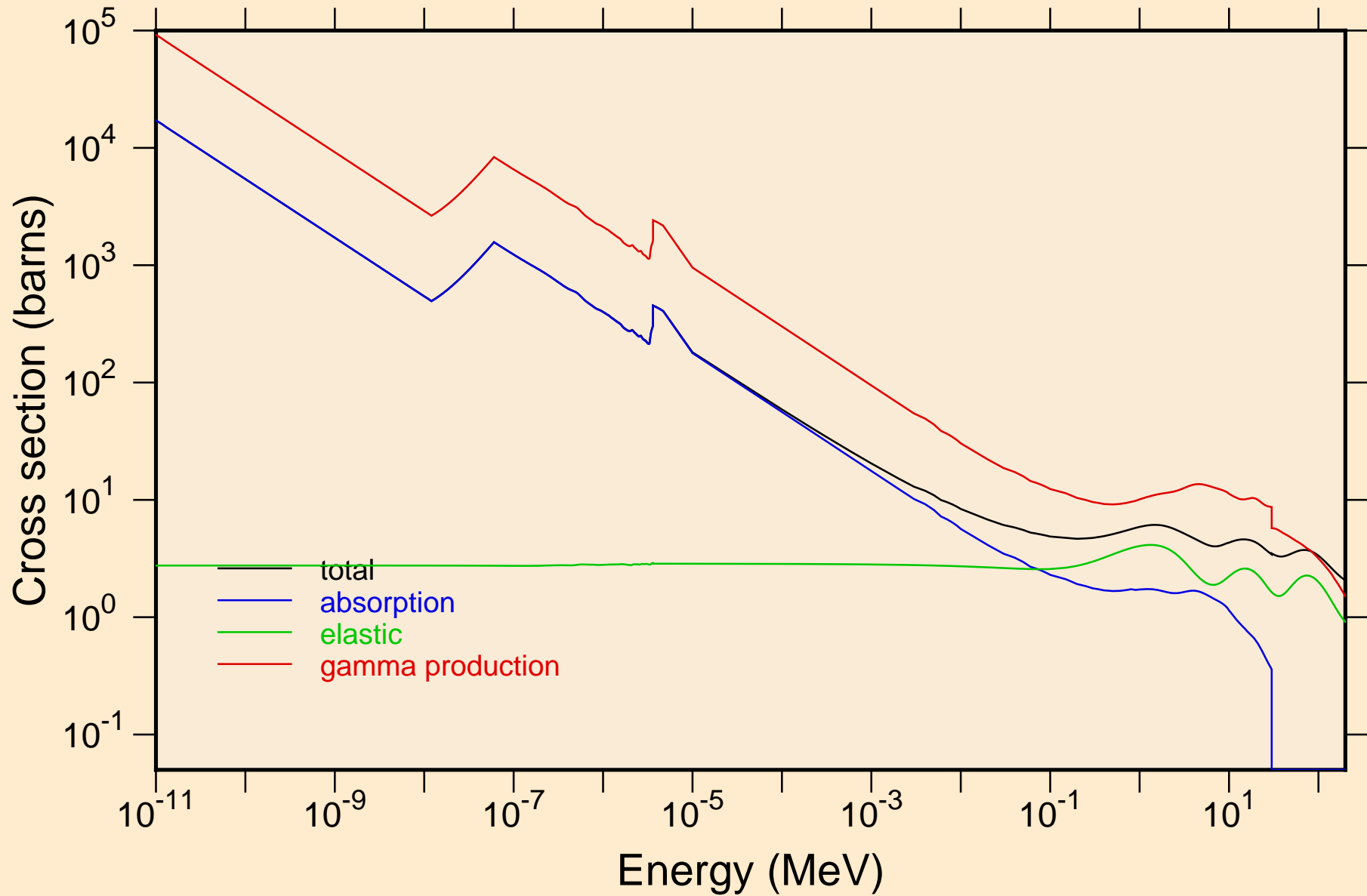


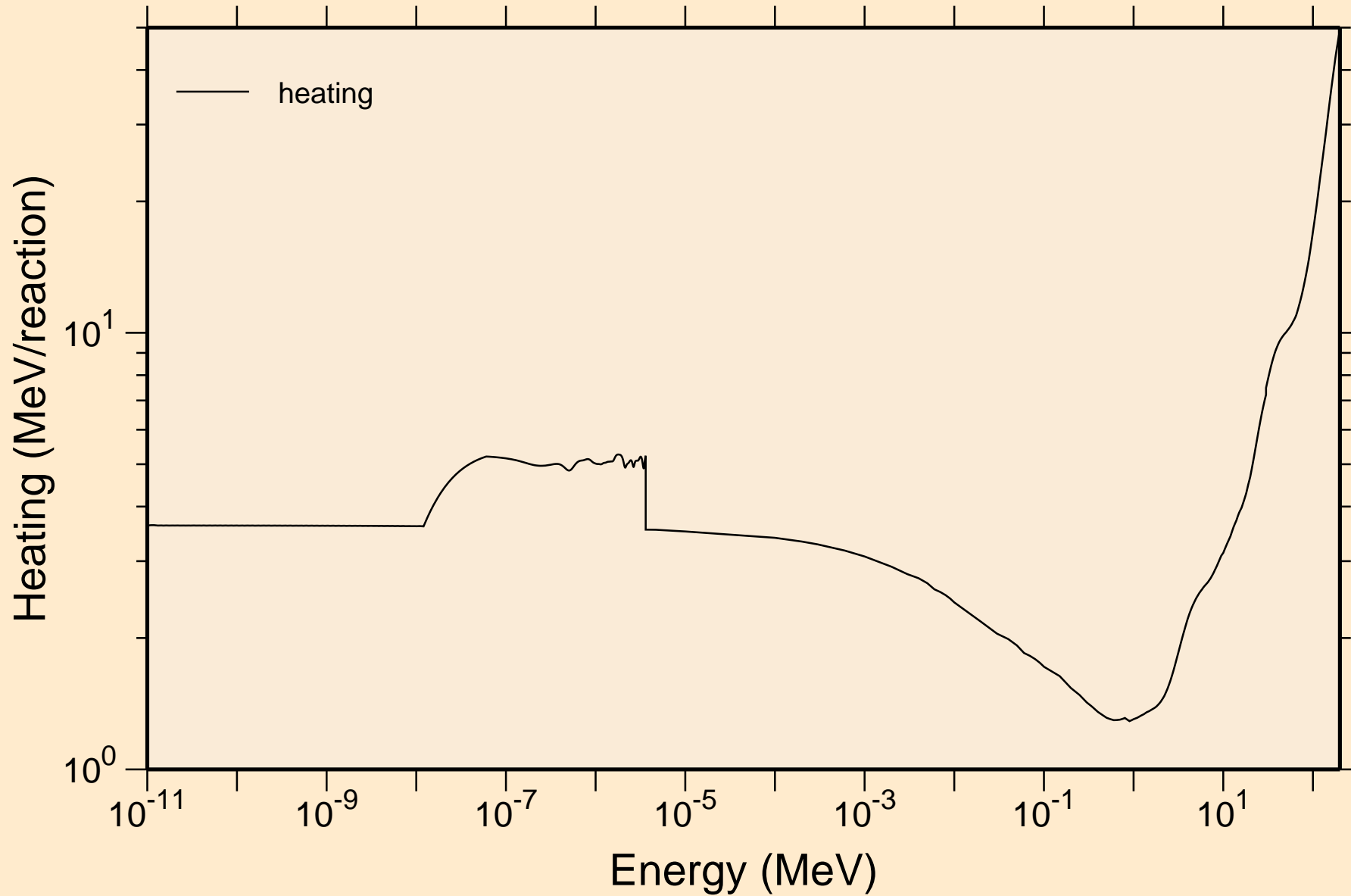
# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



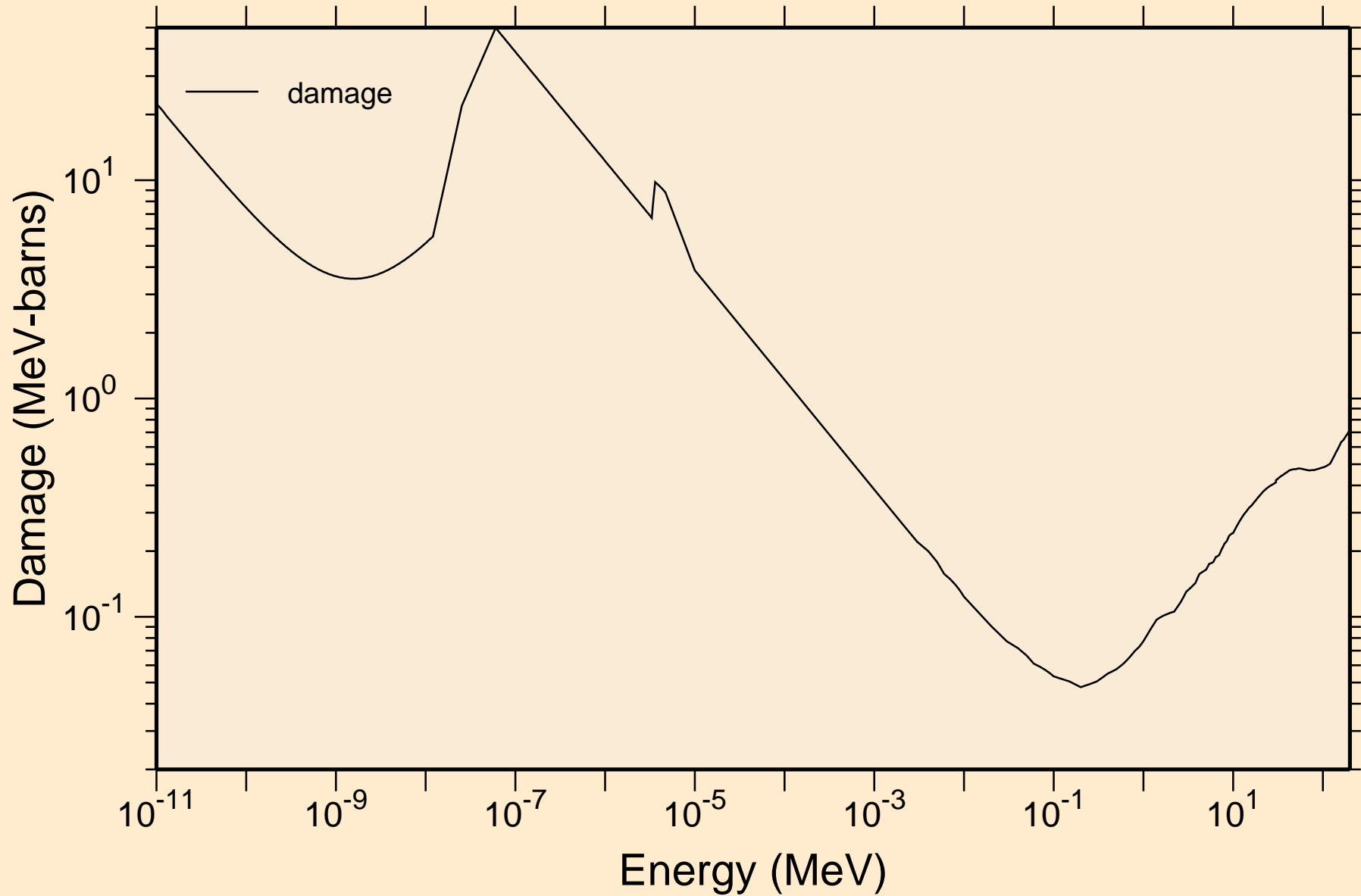
# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

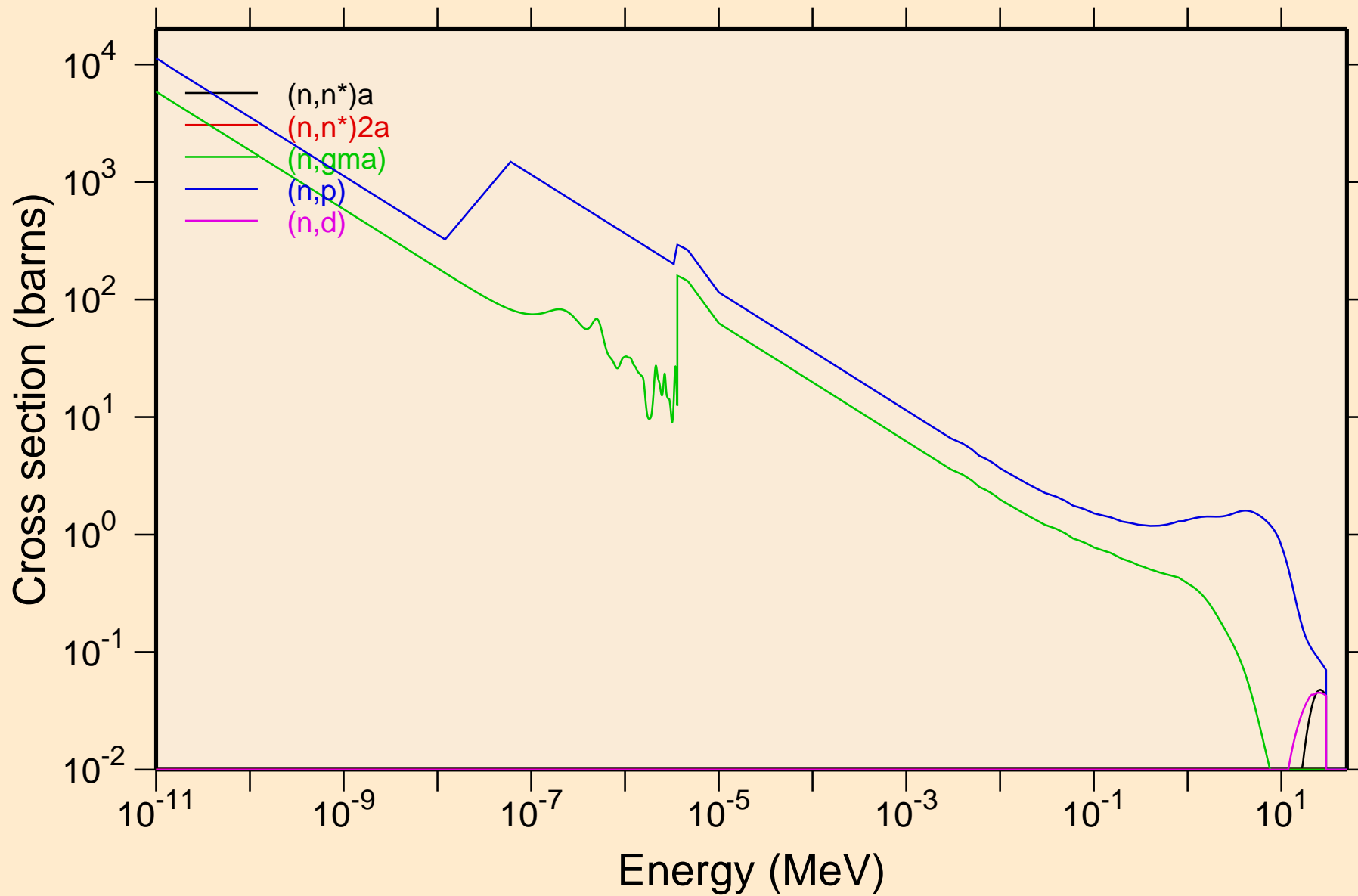


# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

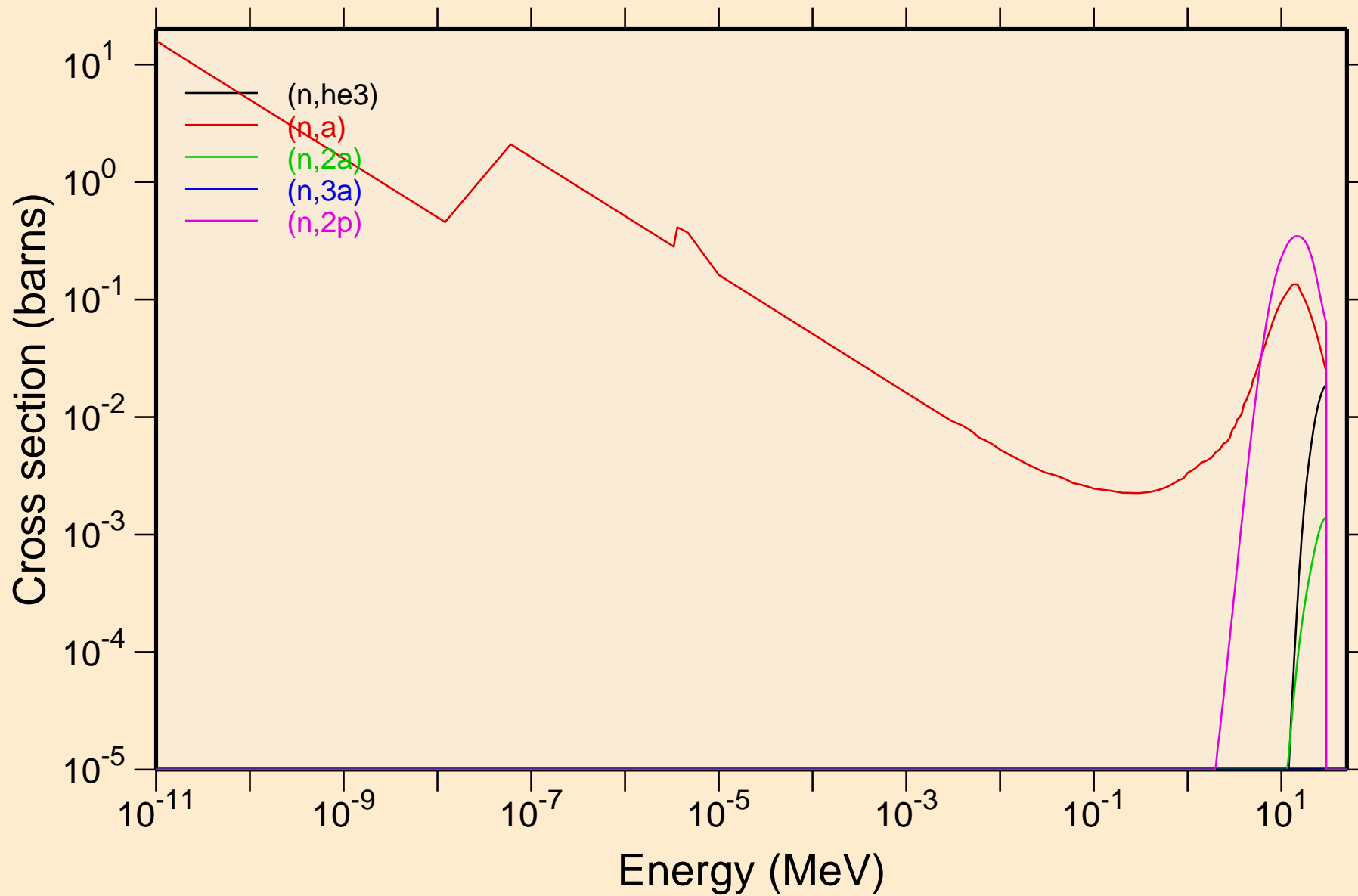
## Damage



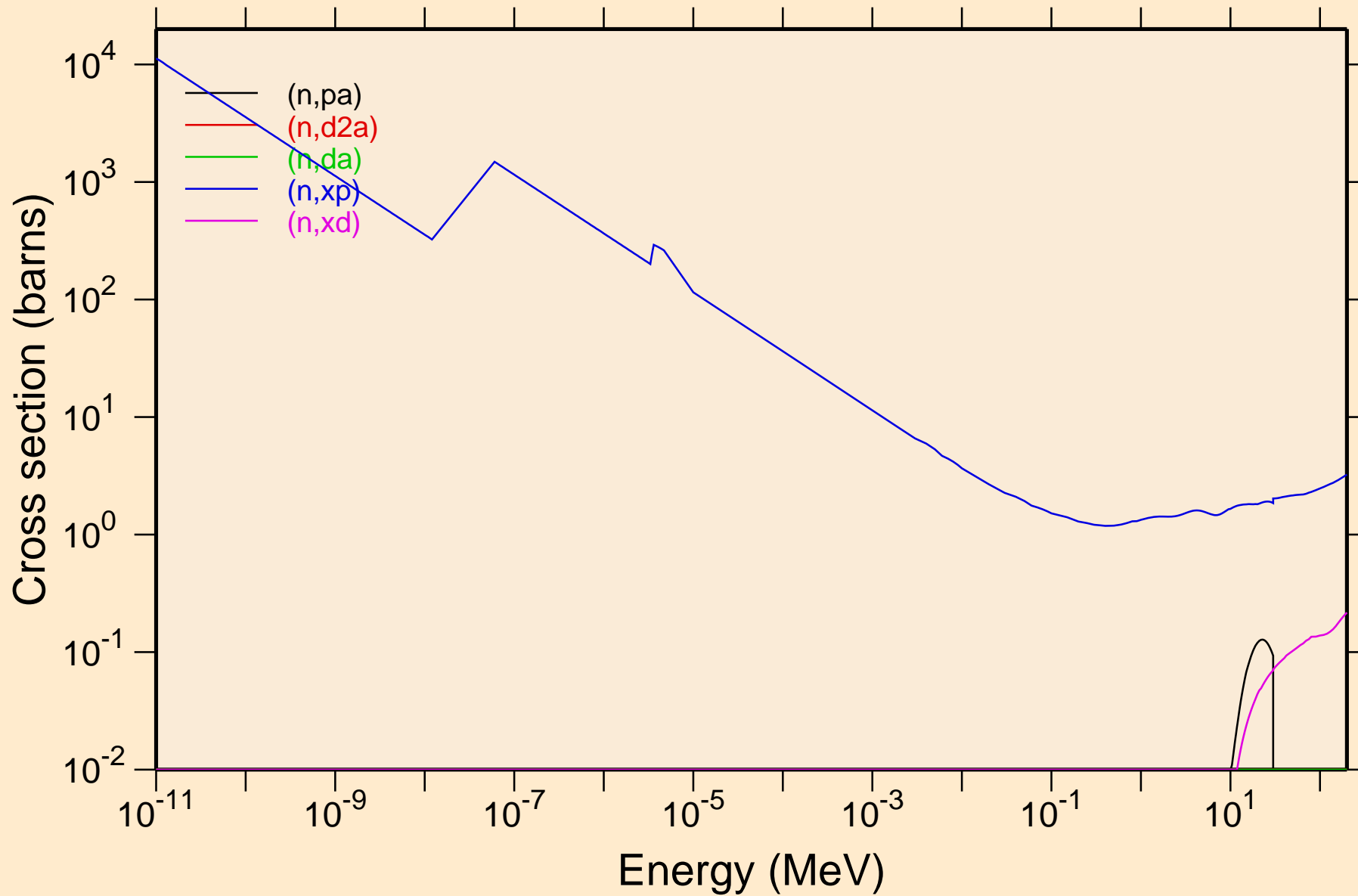
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



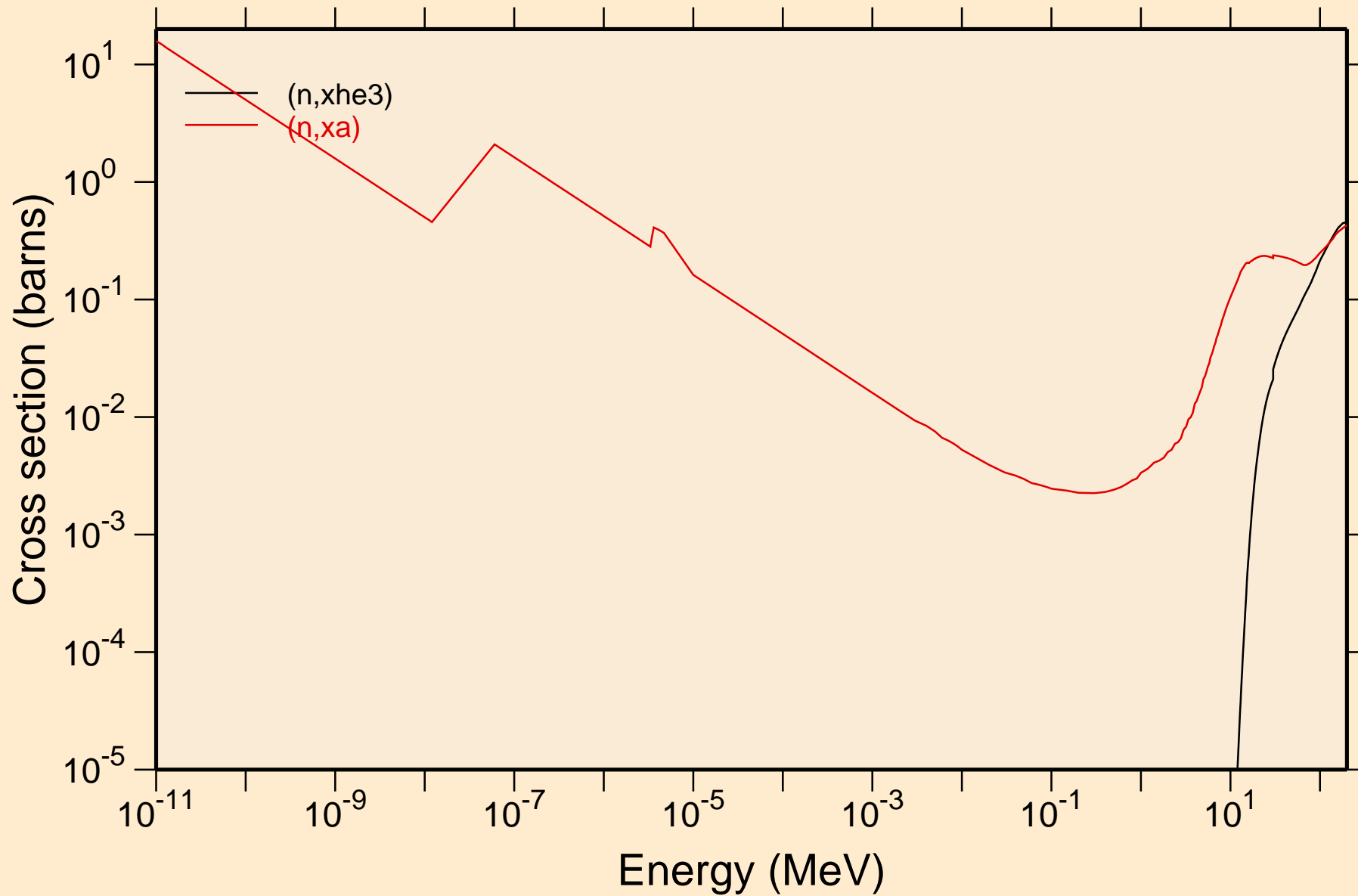
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

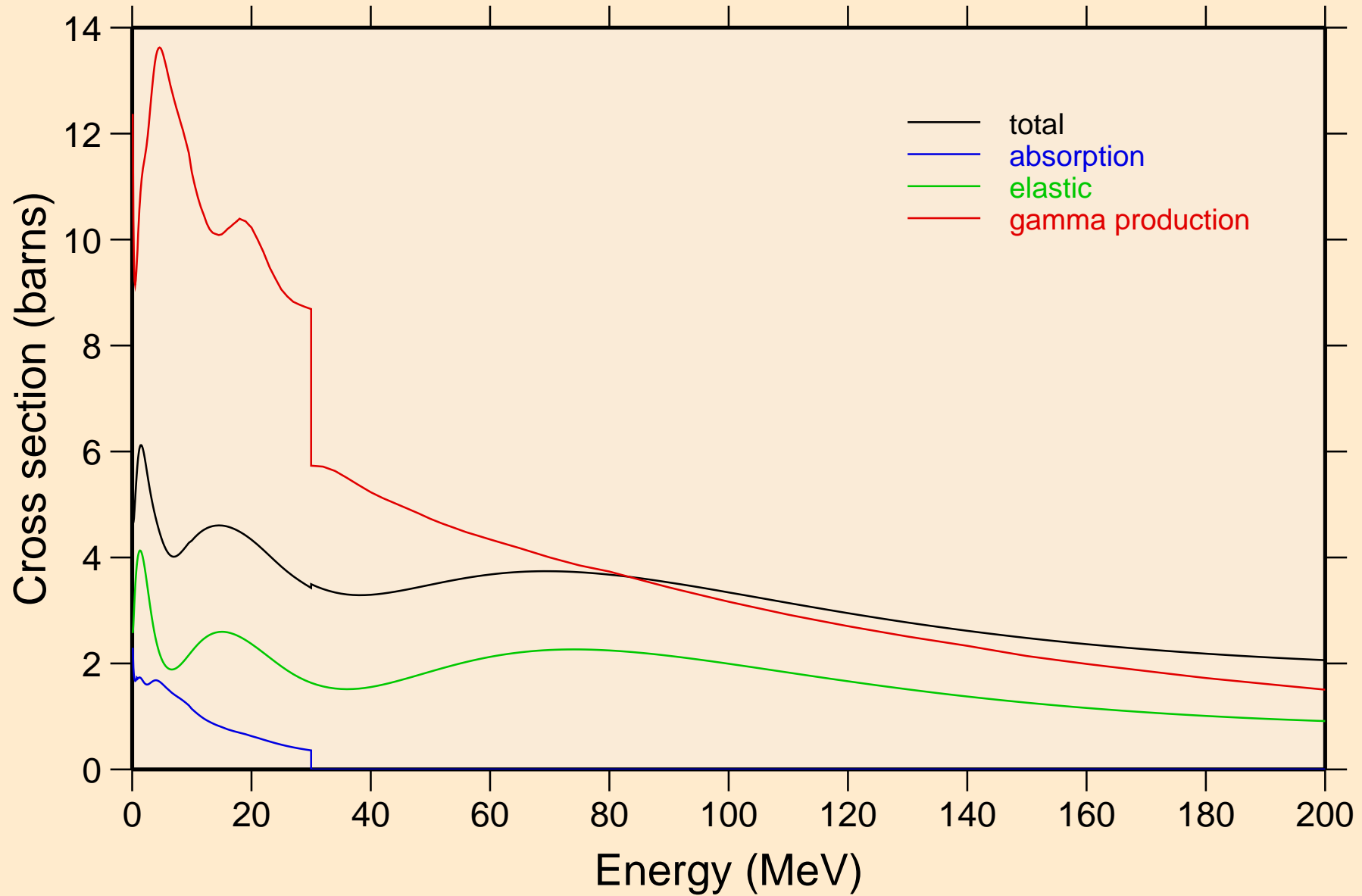


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

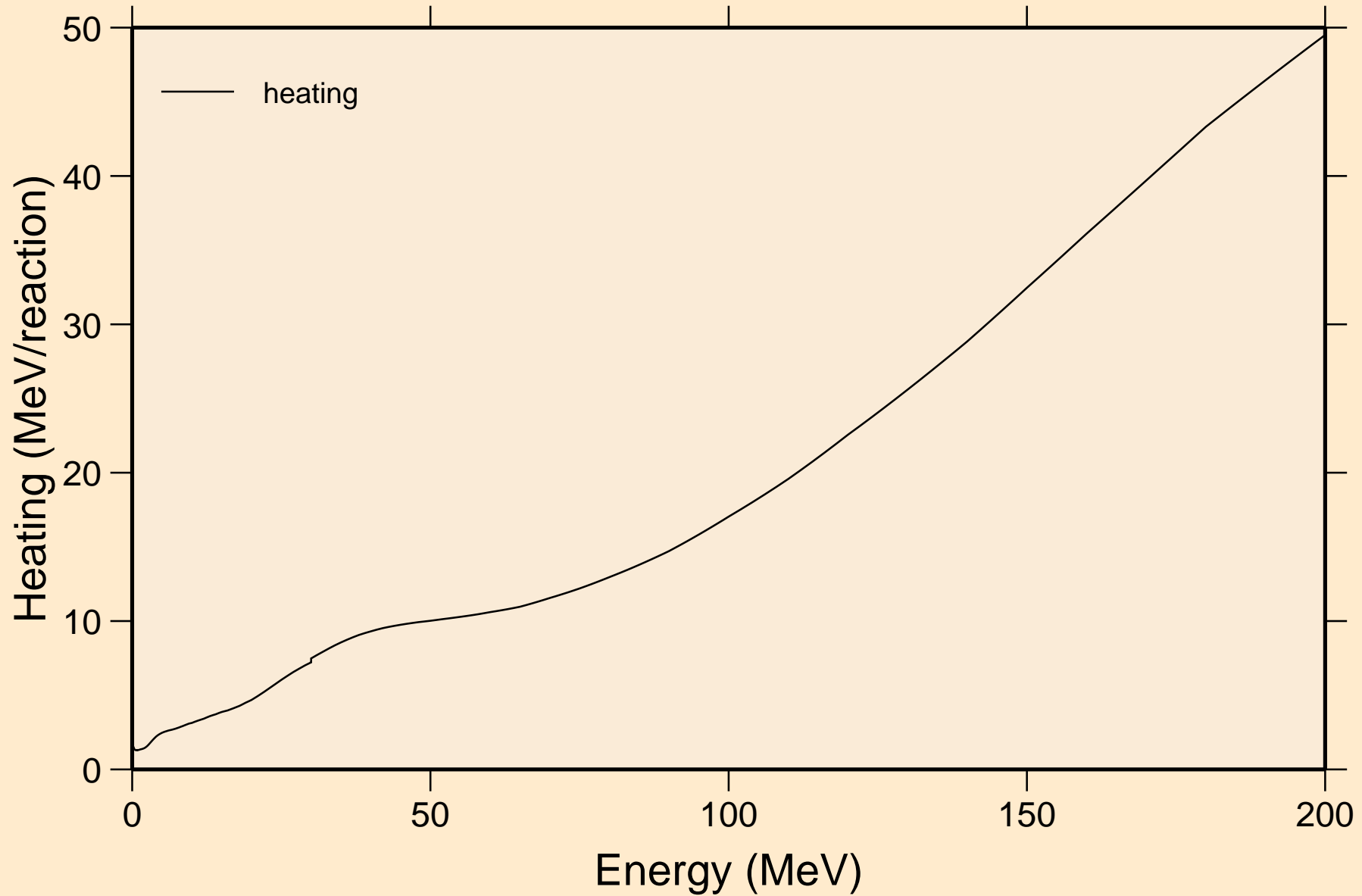
## Principal cross sections



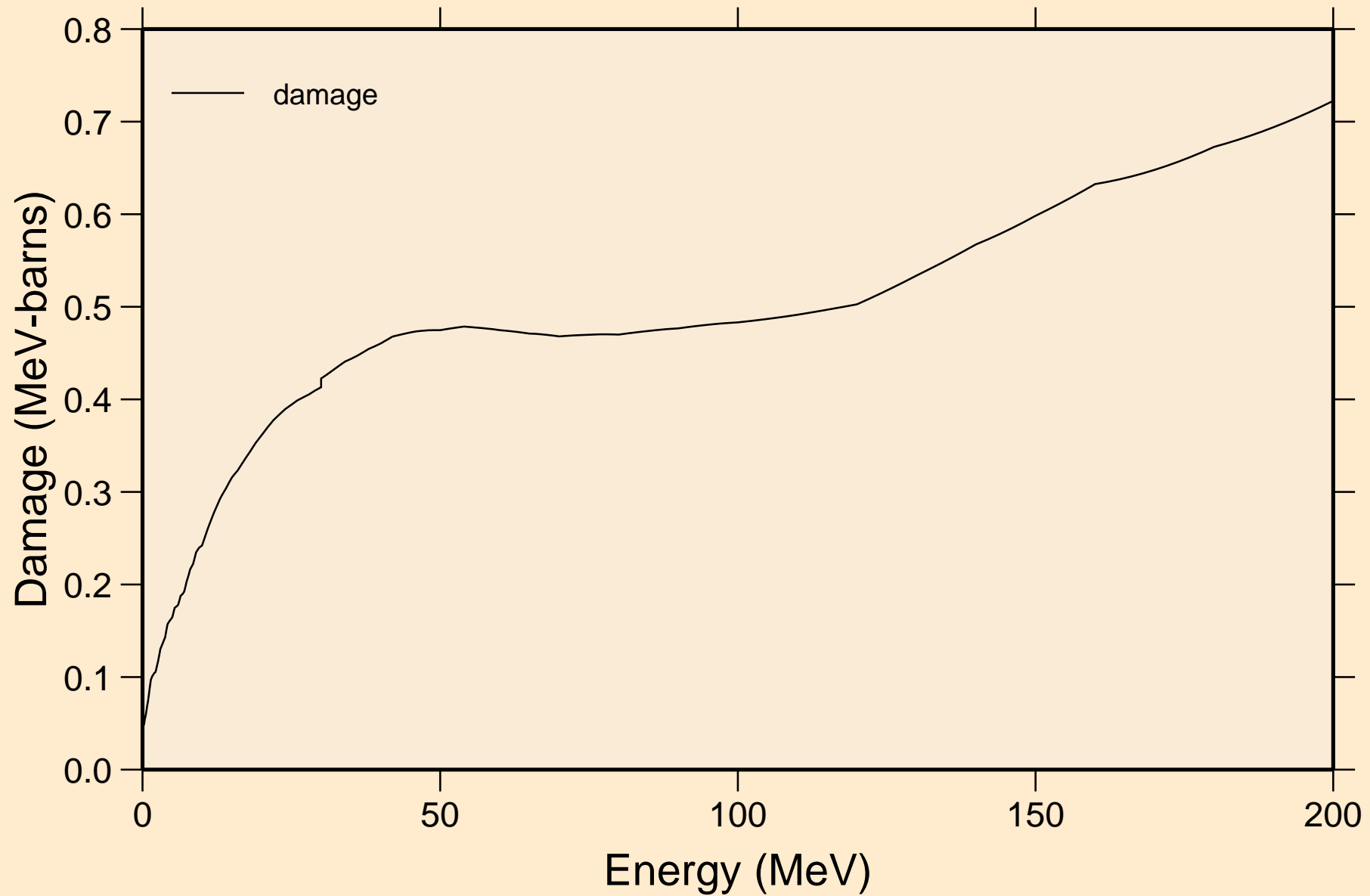


# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

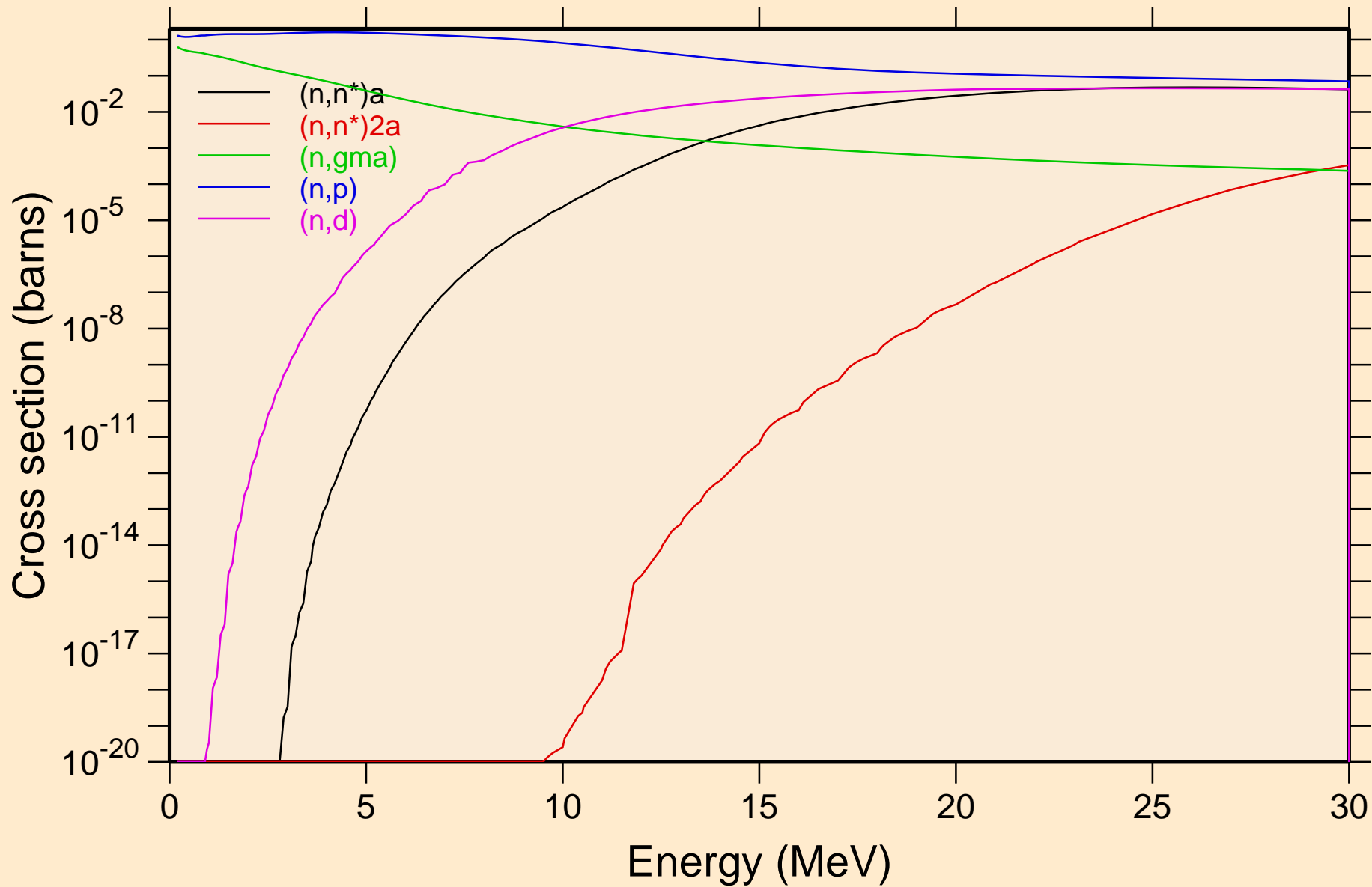
## Heating



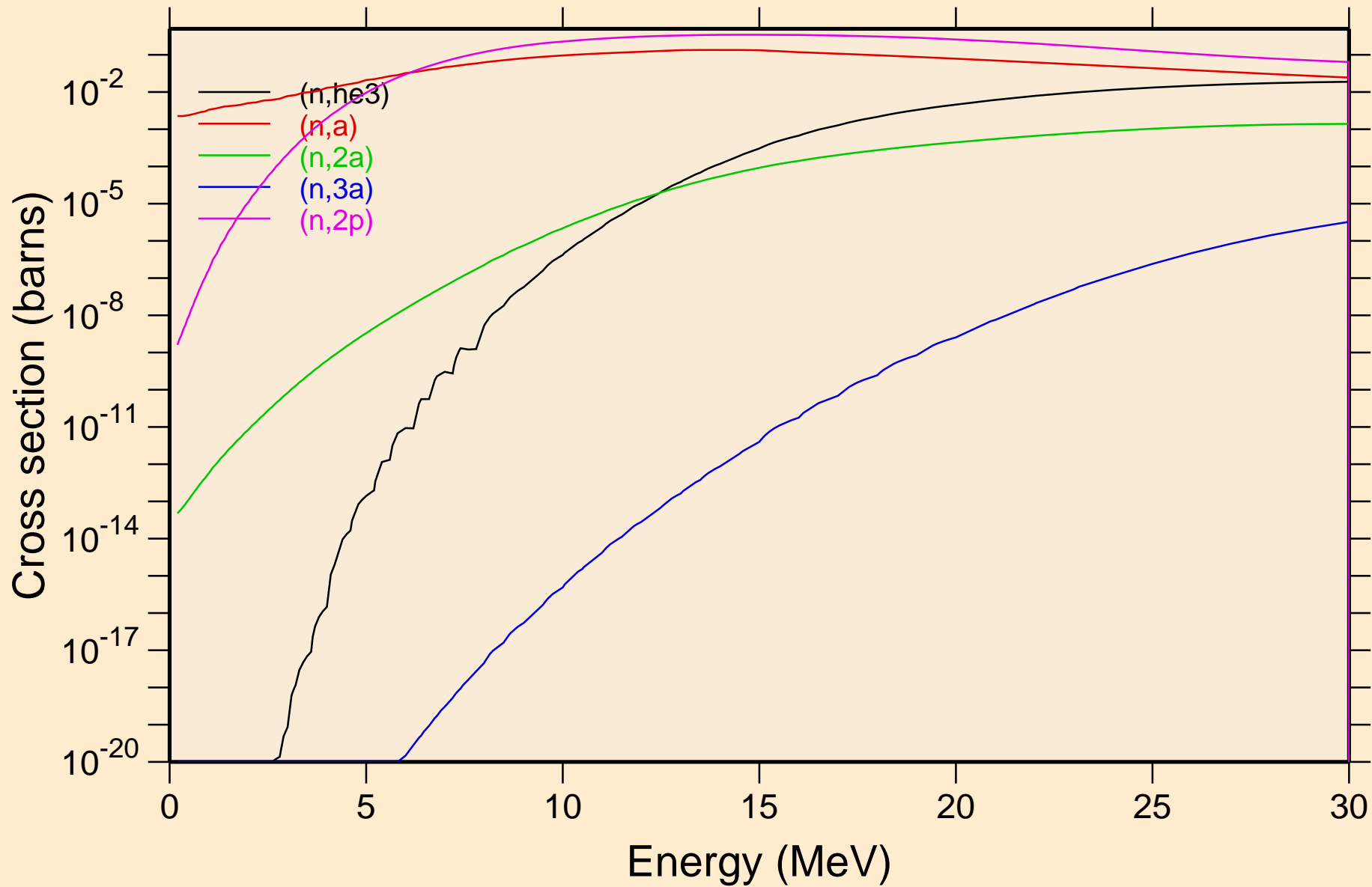
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



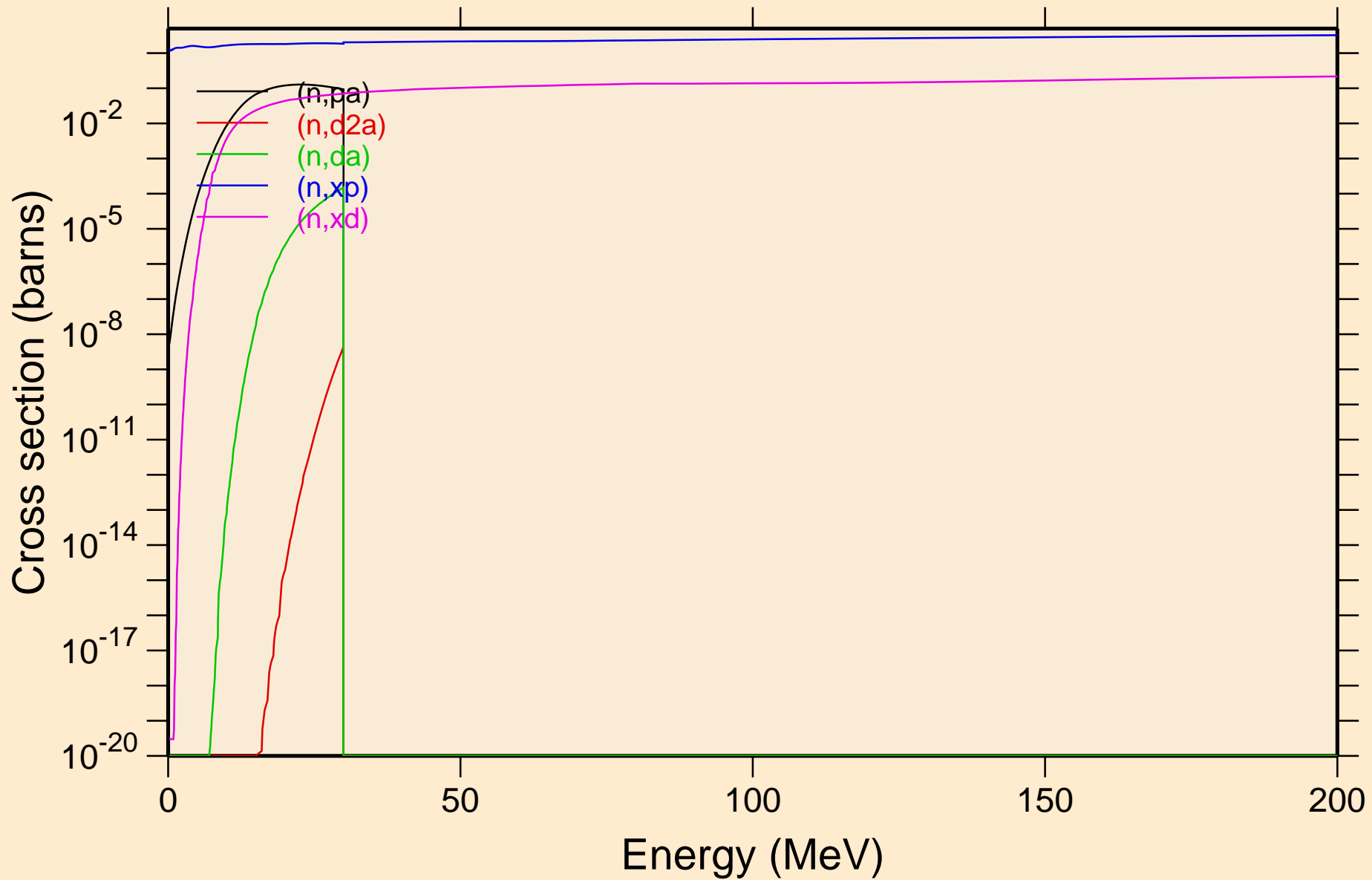
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



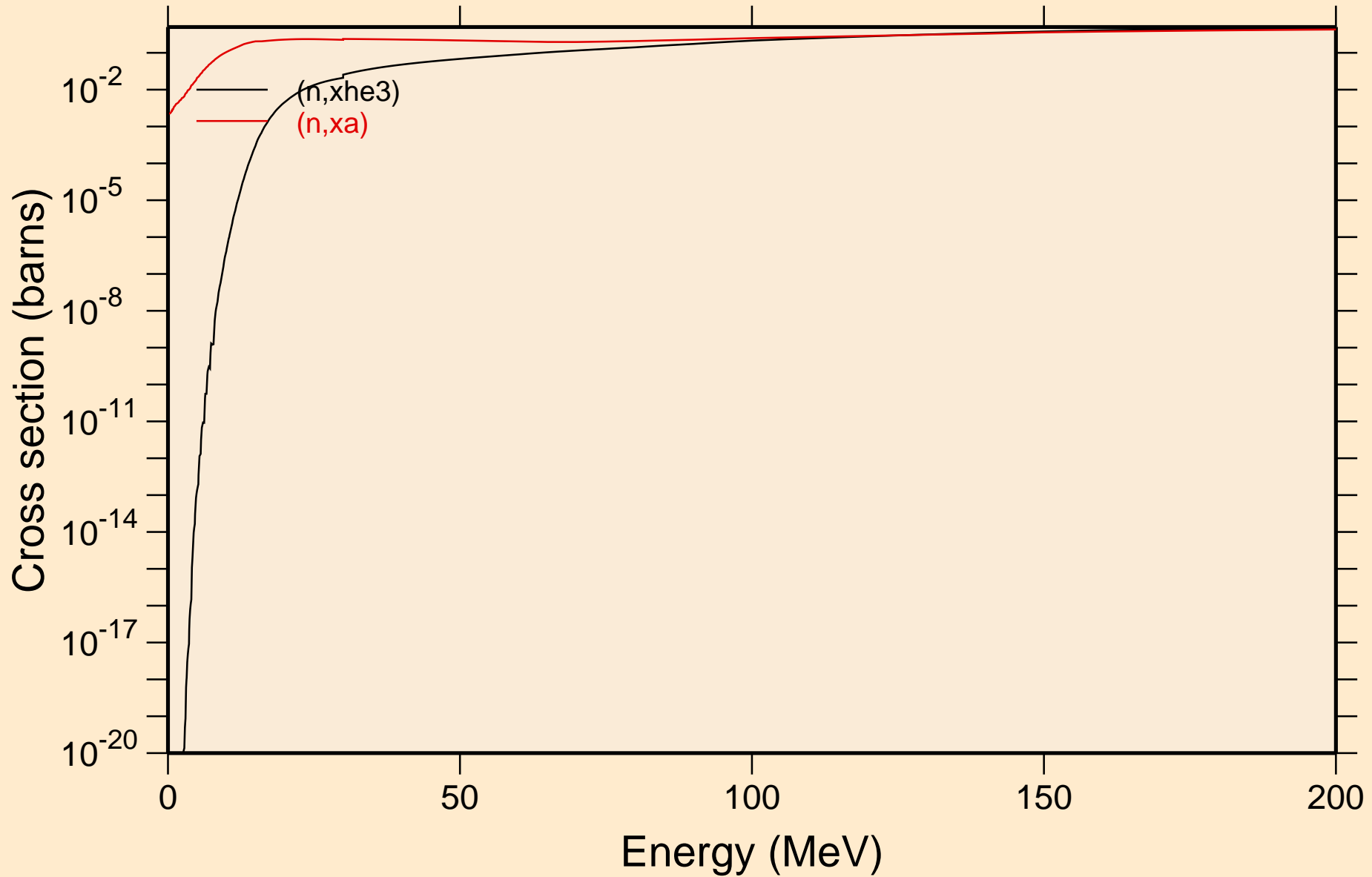
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



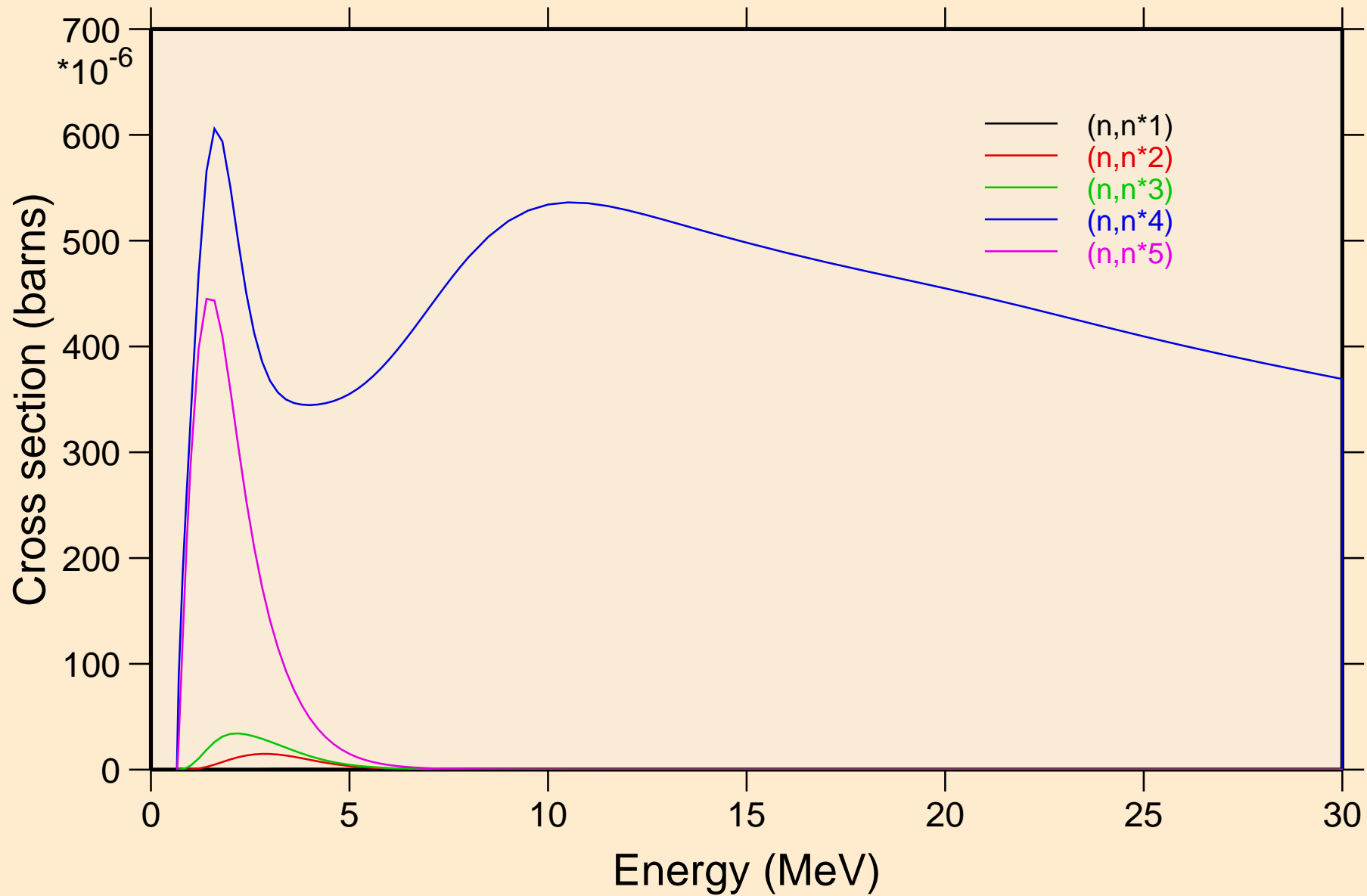
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



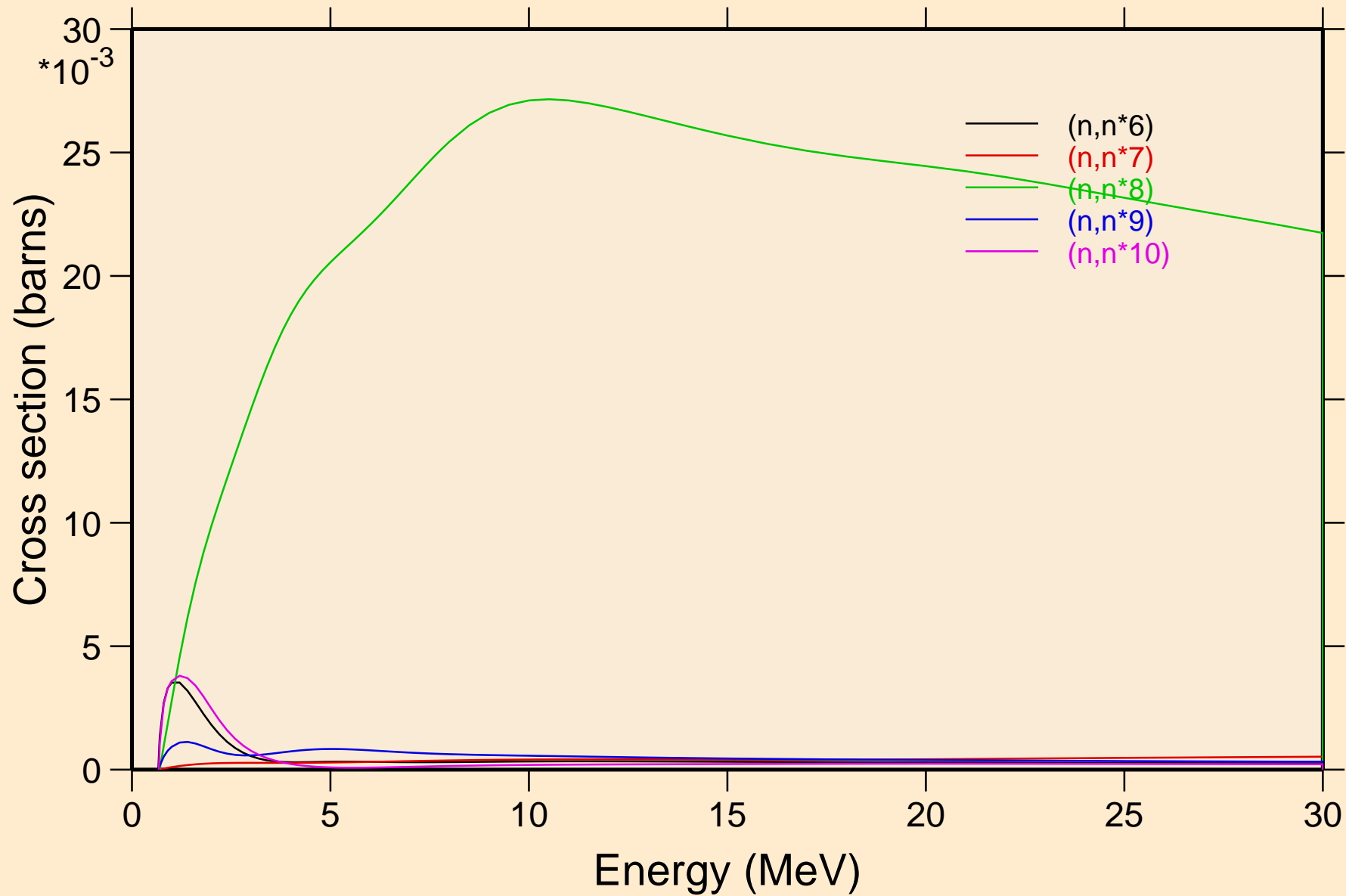
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

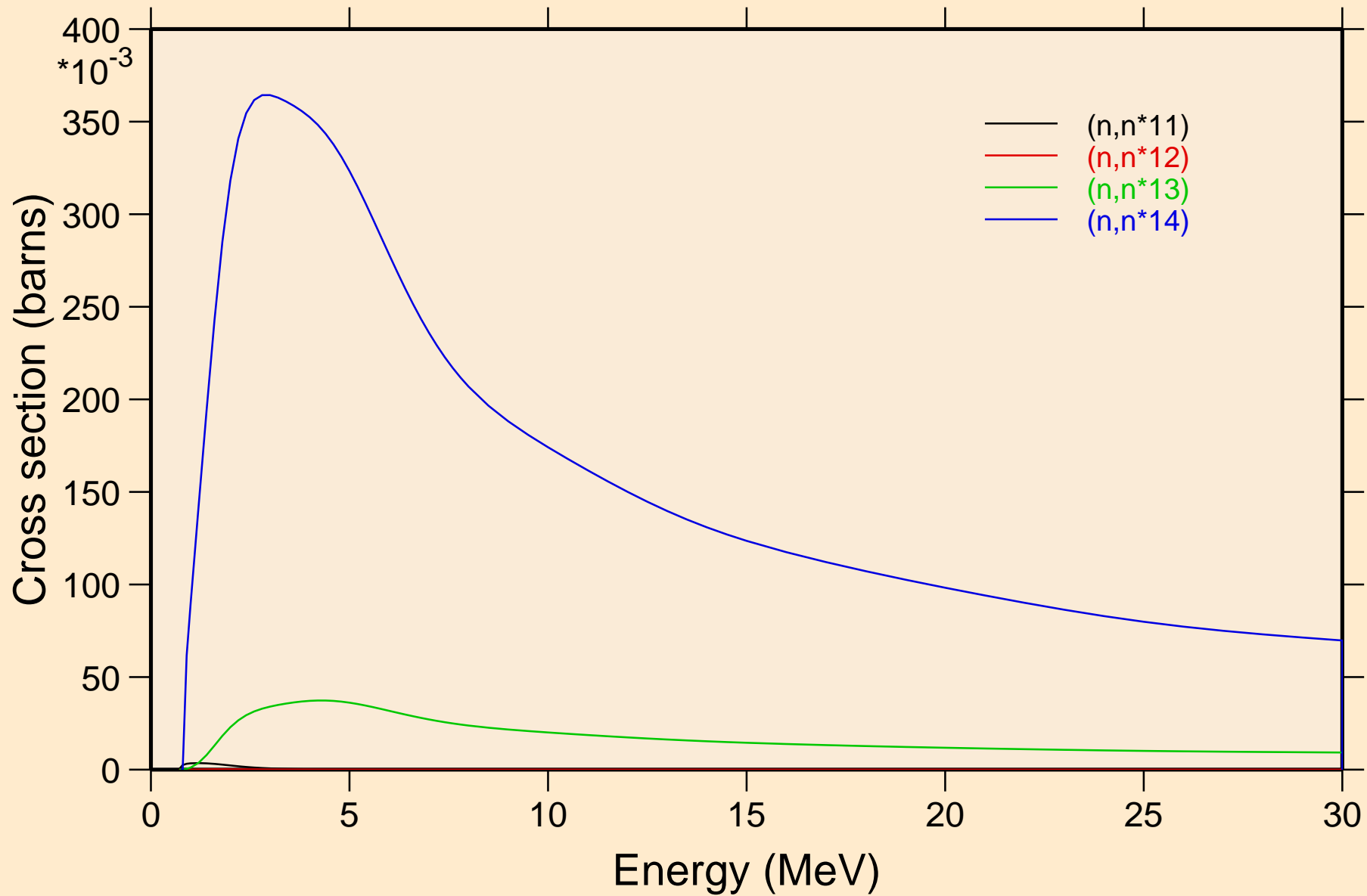


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



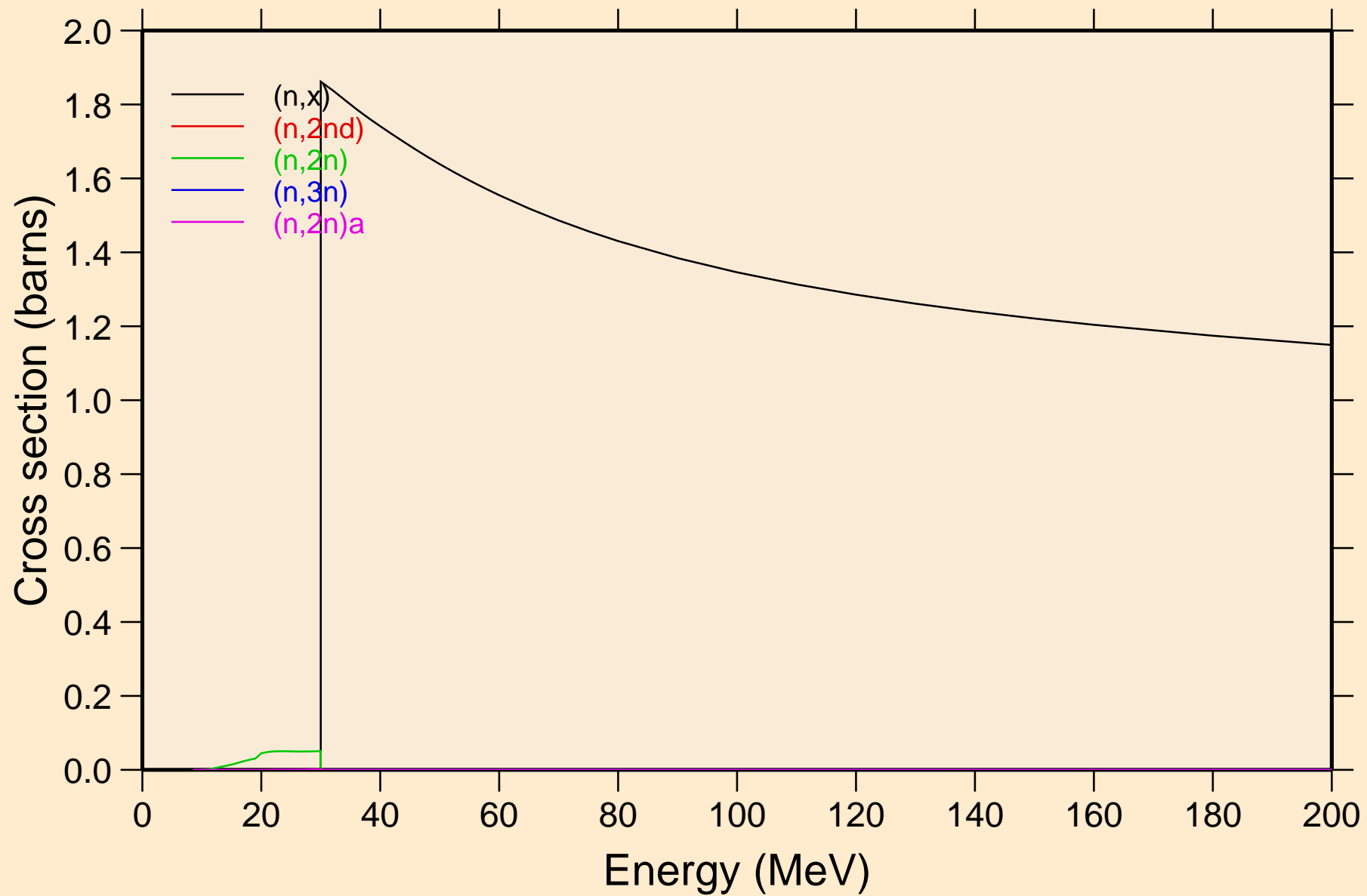


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

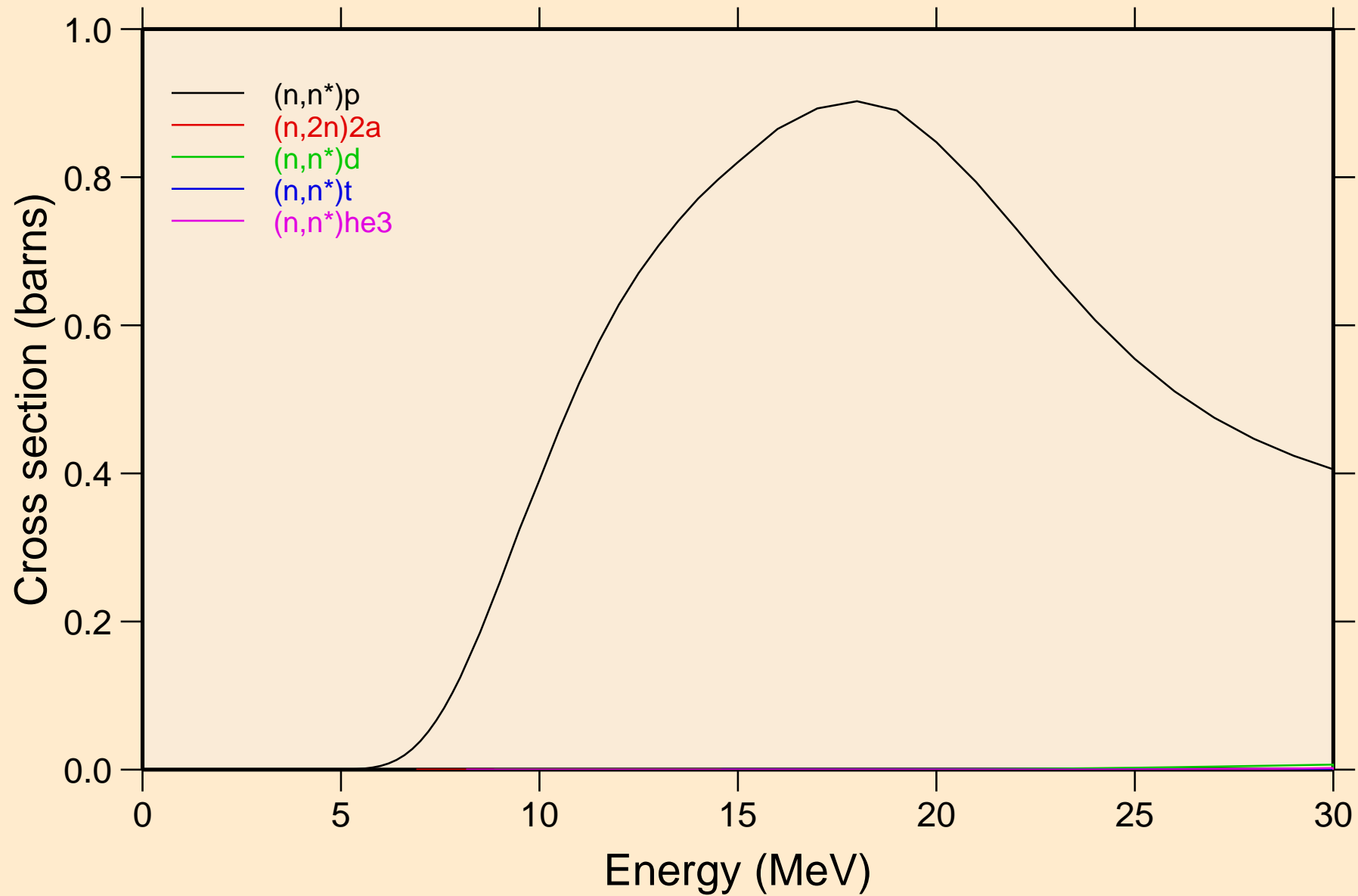


# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

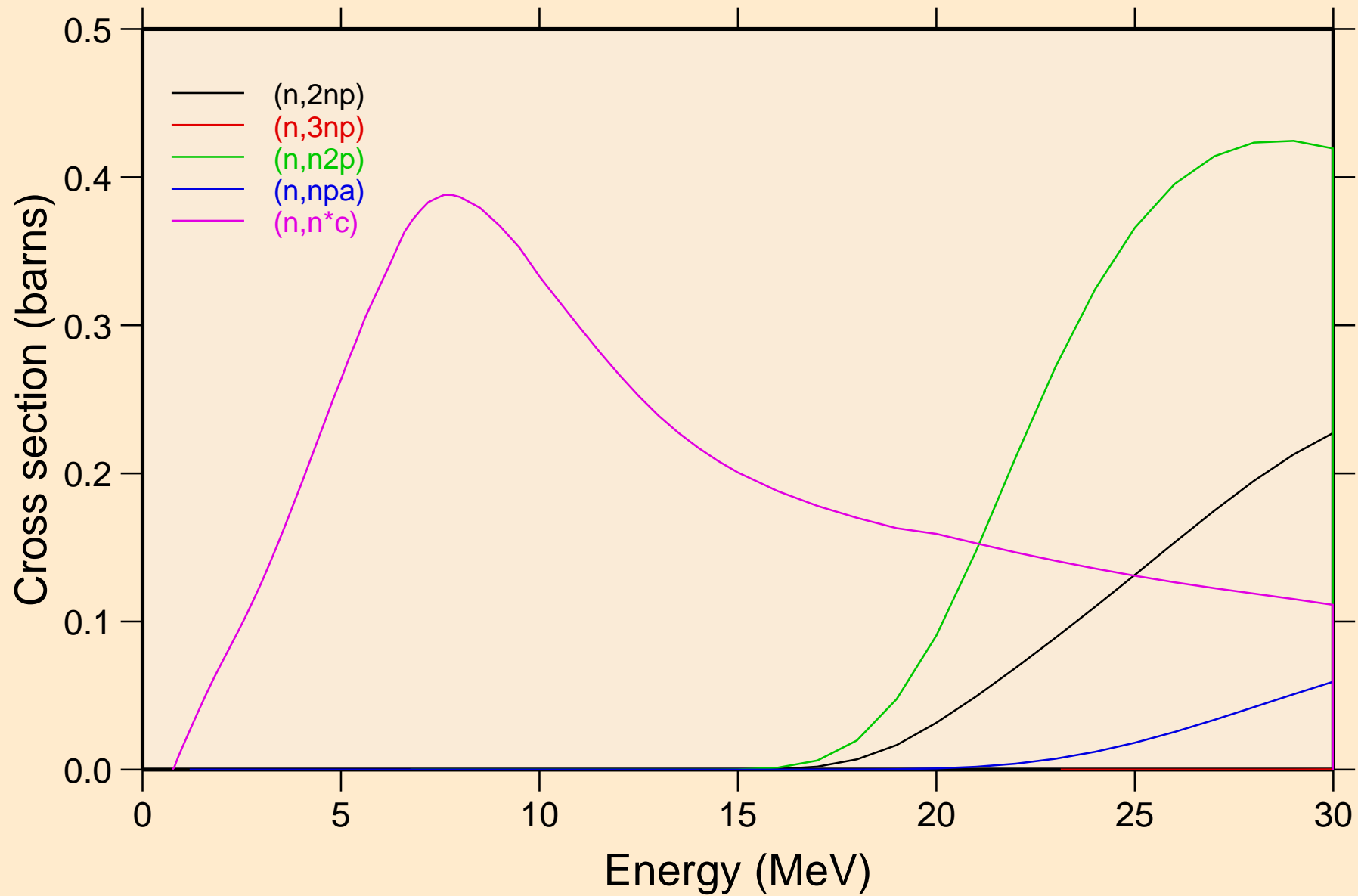
## Threshold reactions



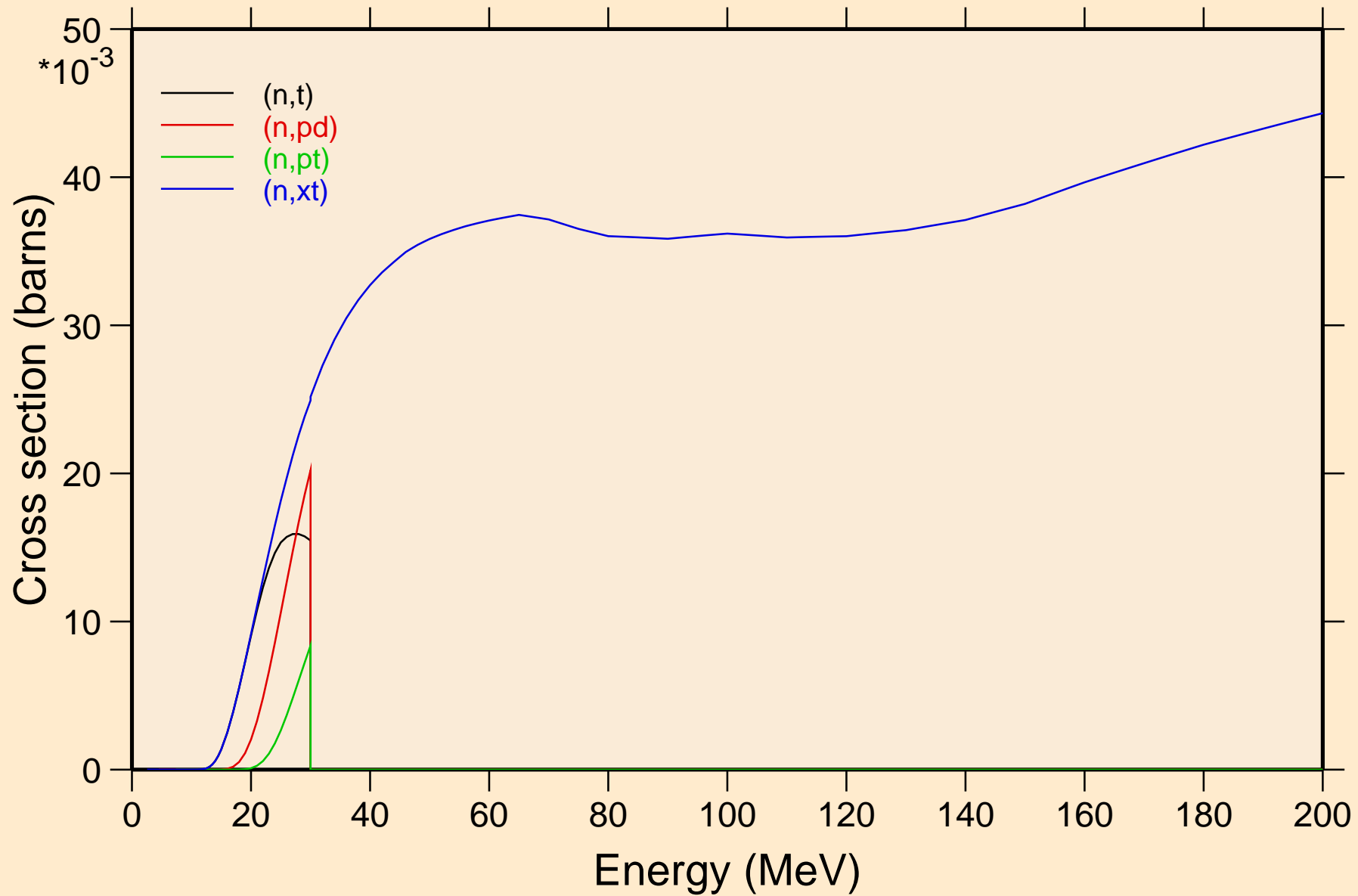
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



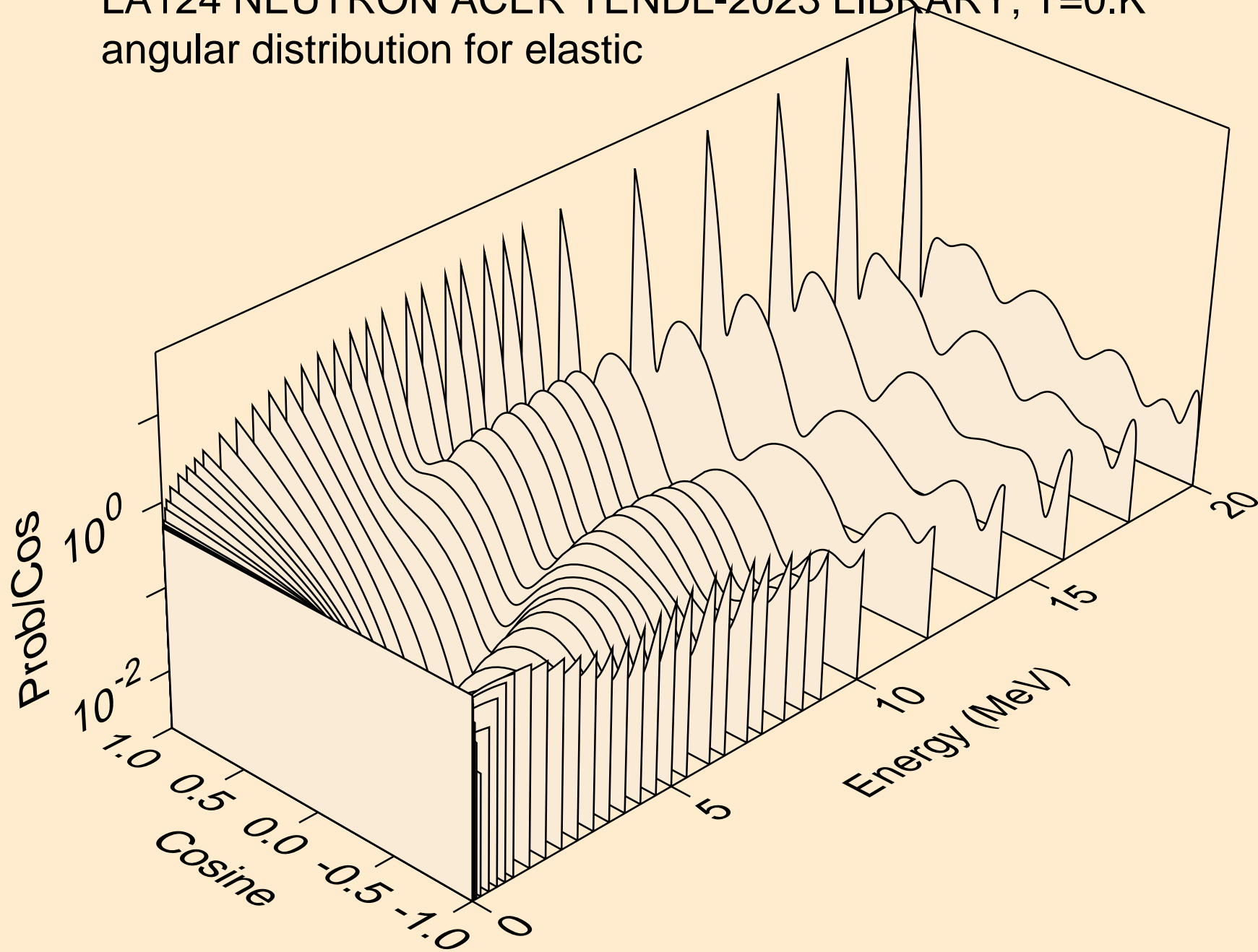
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



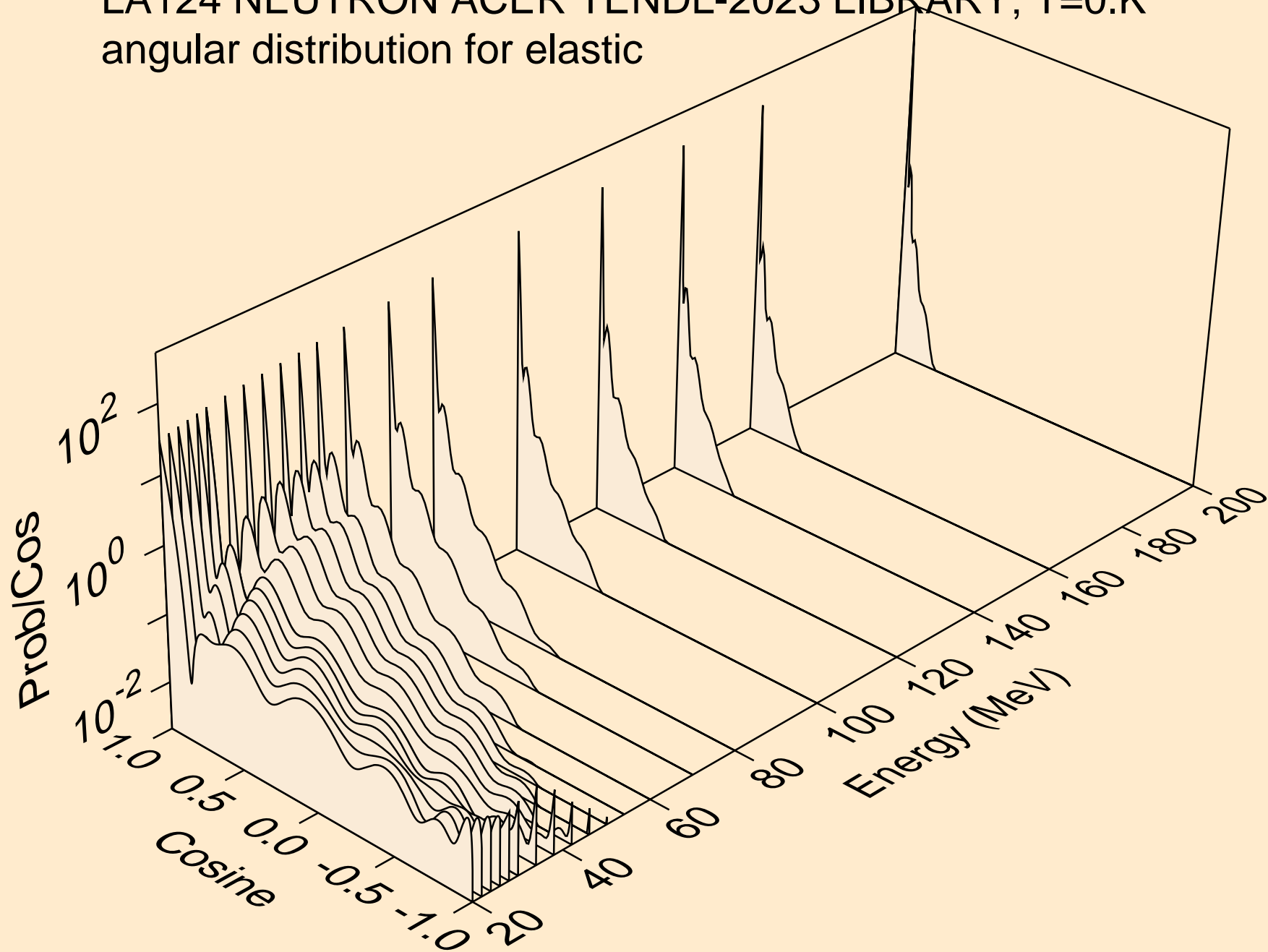
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



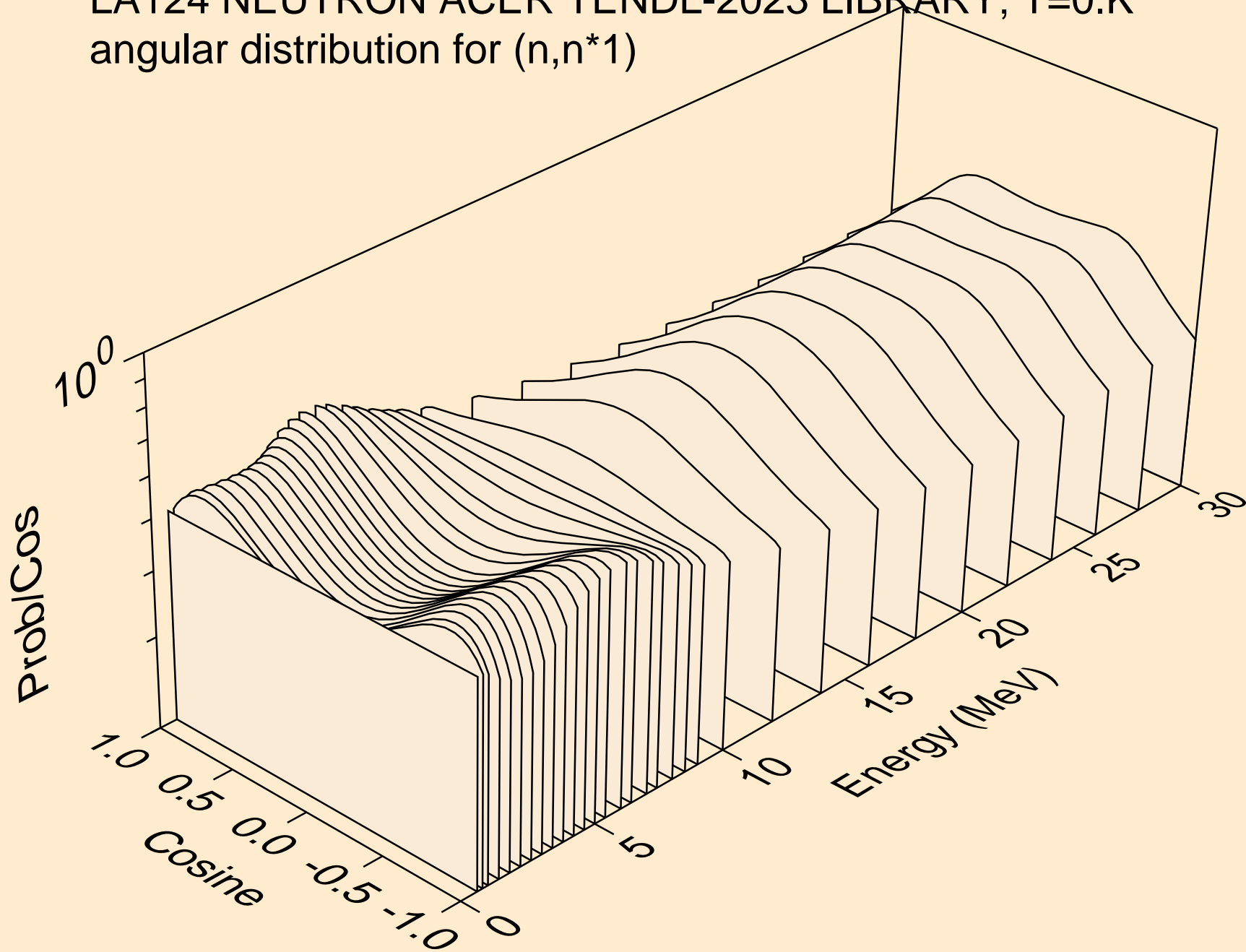
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

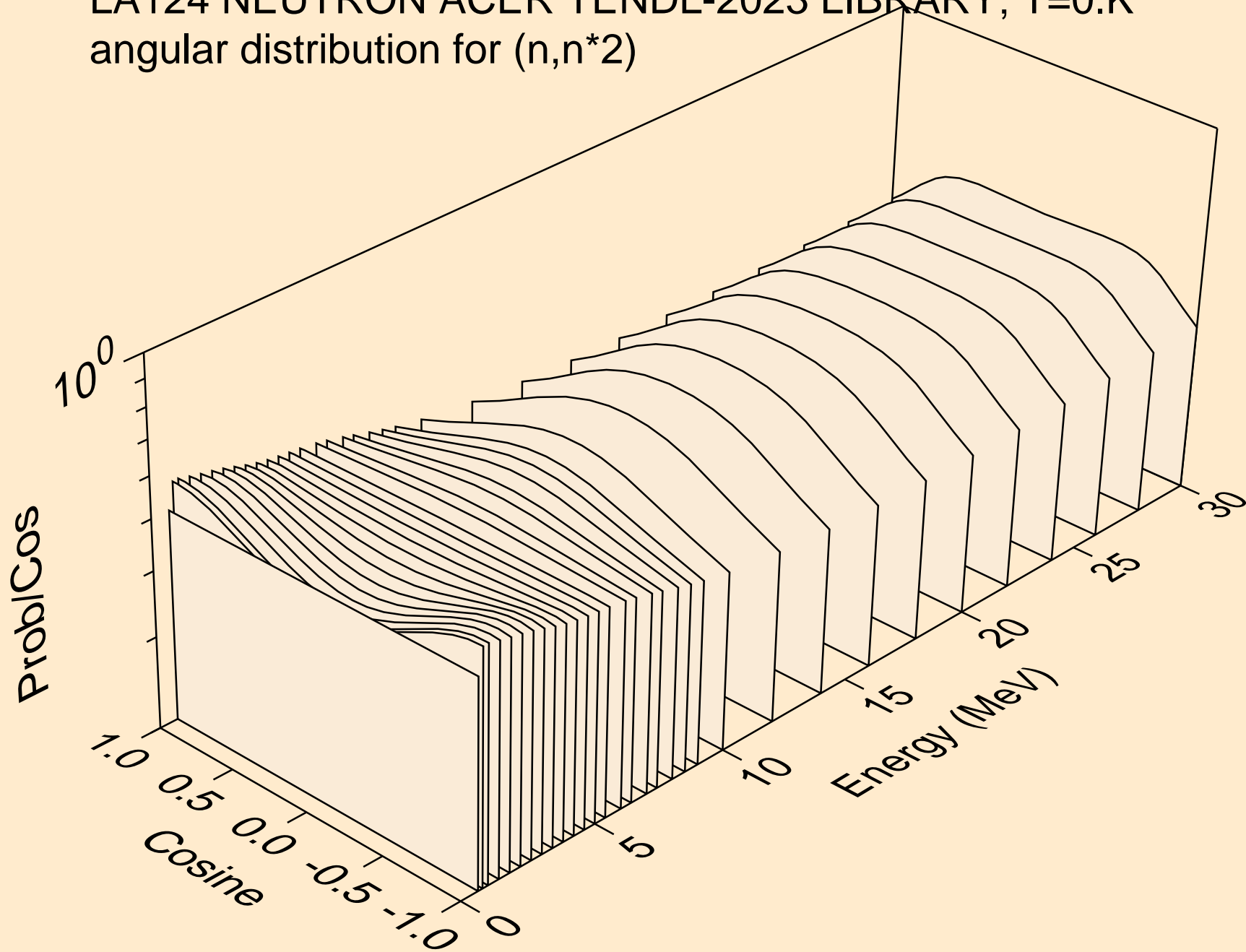


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

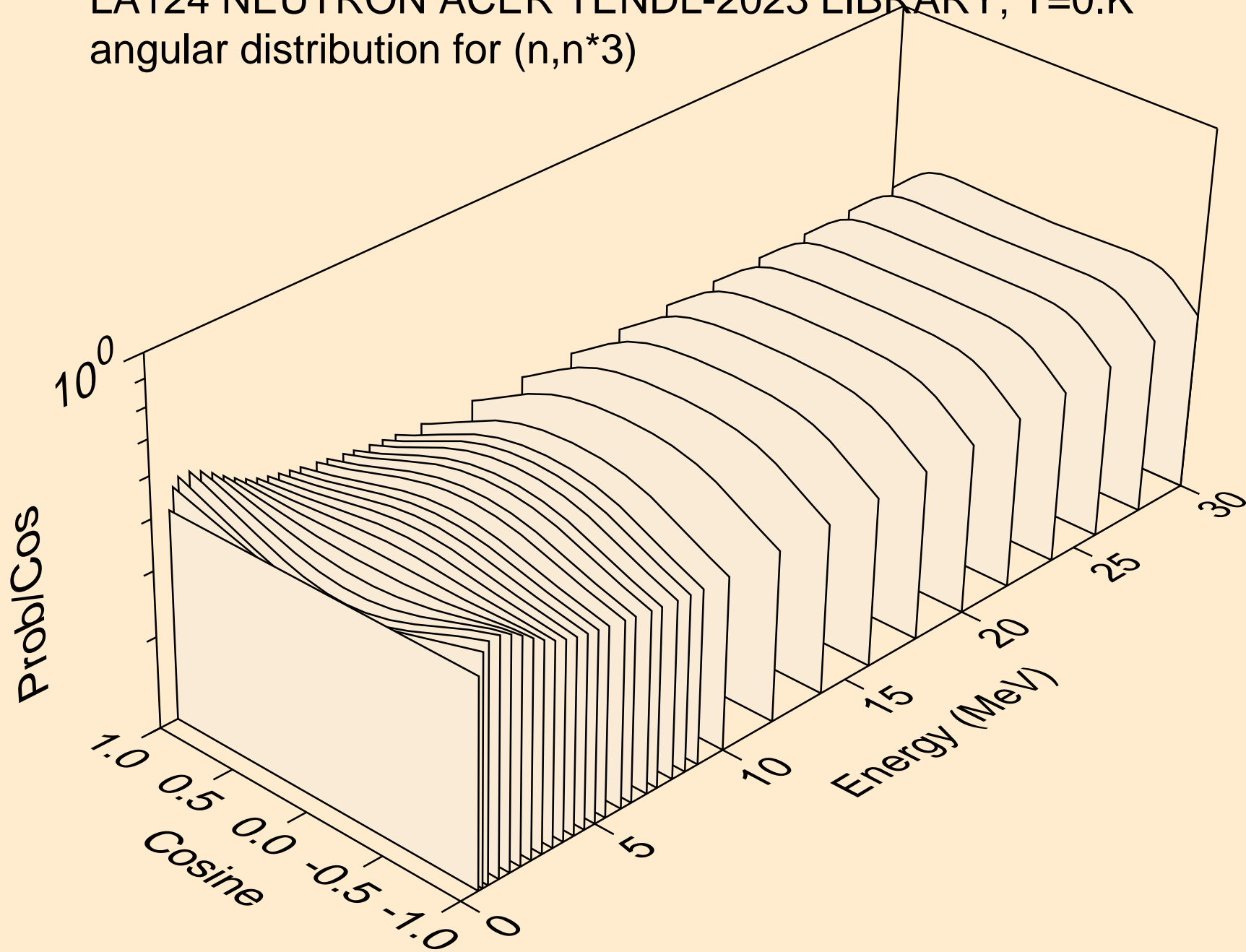




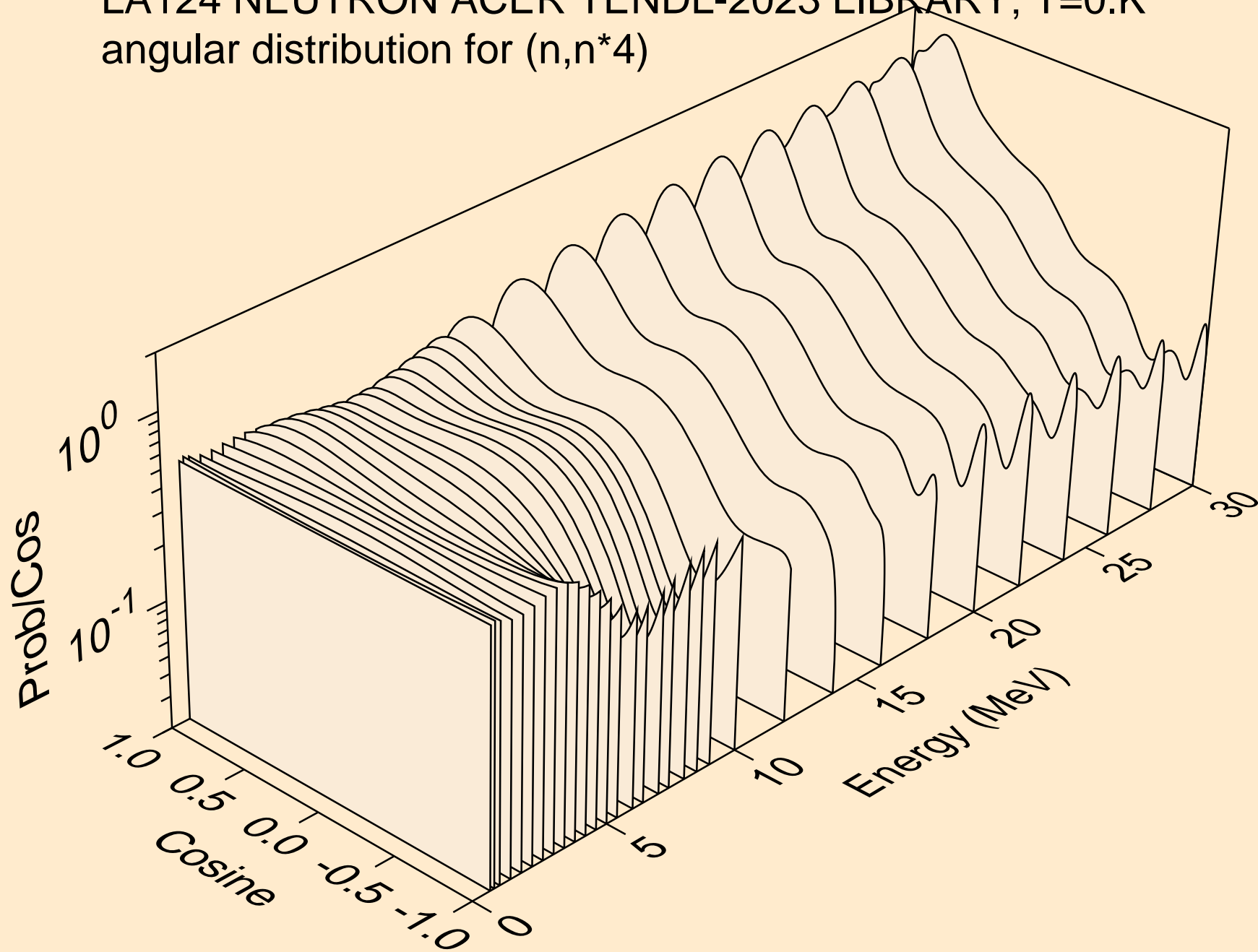
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



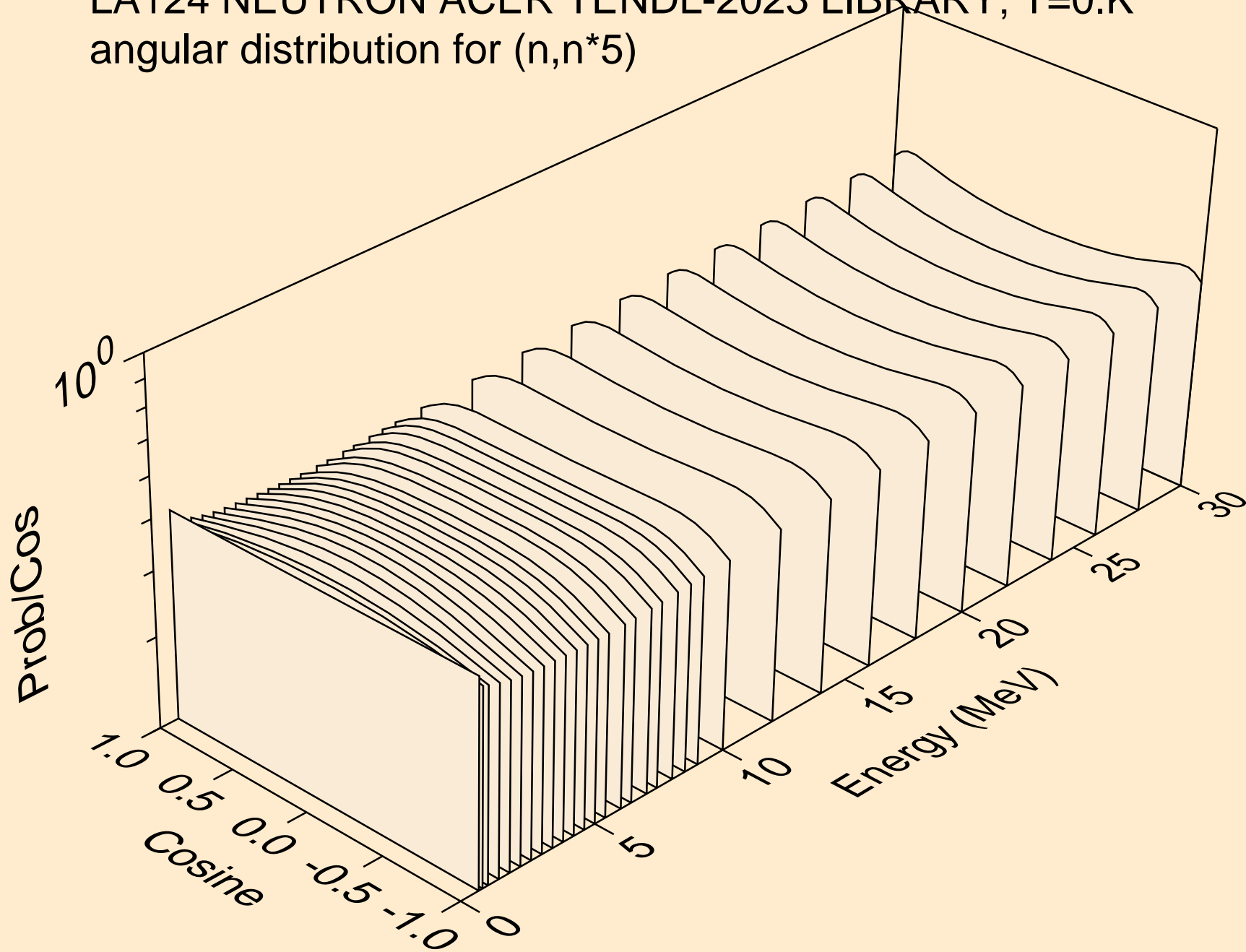
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



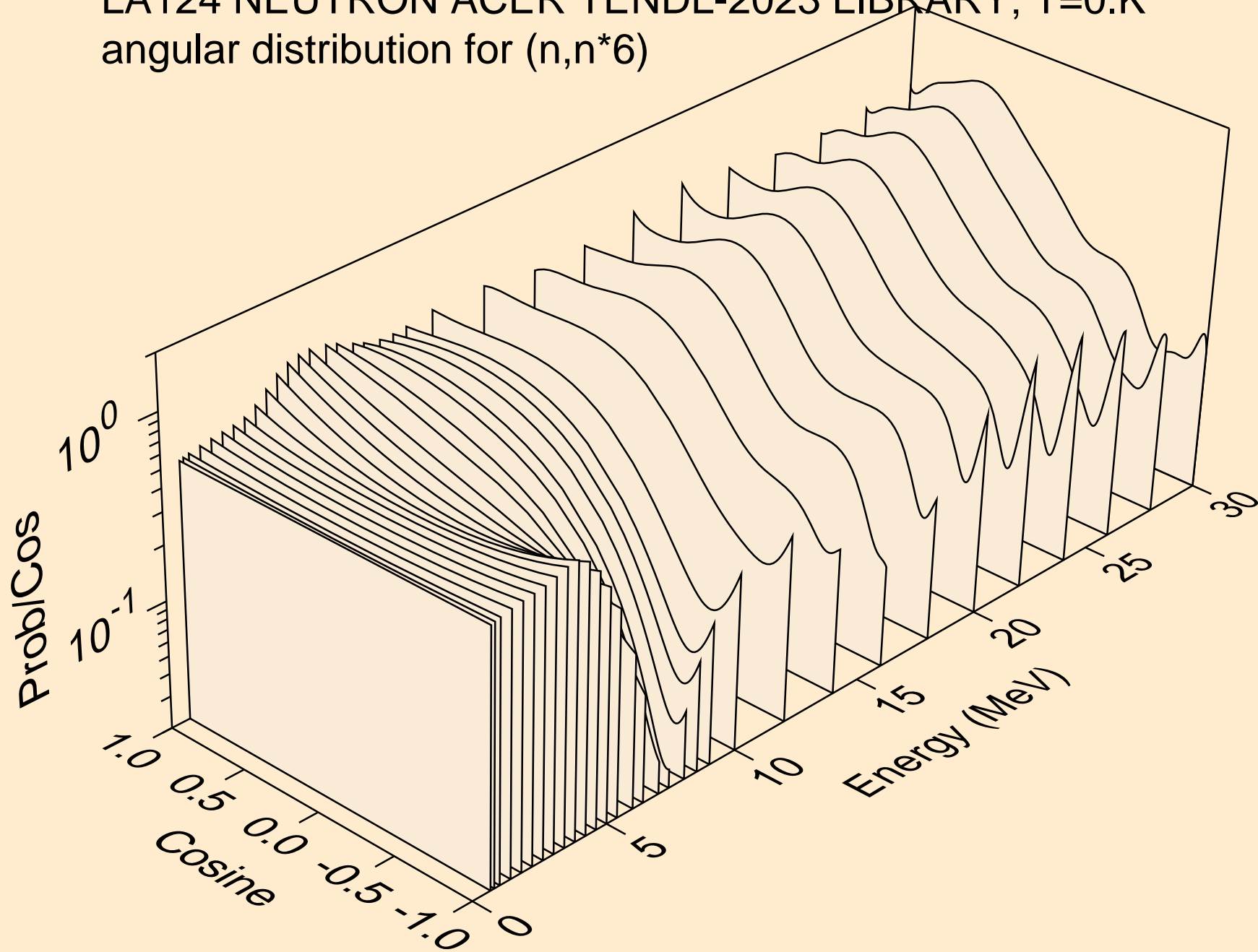
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



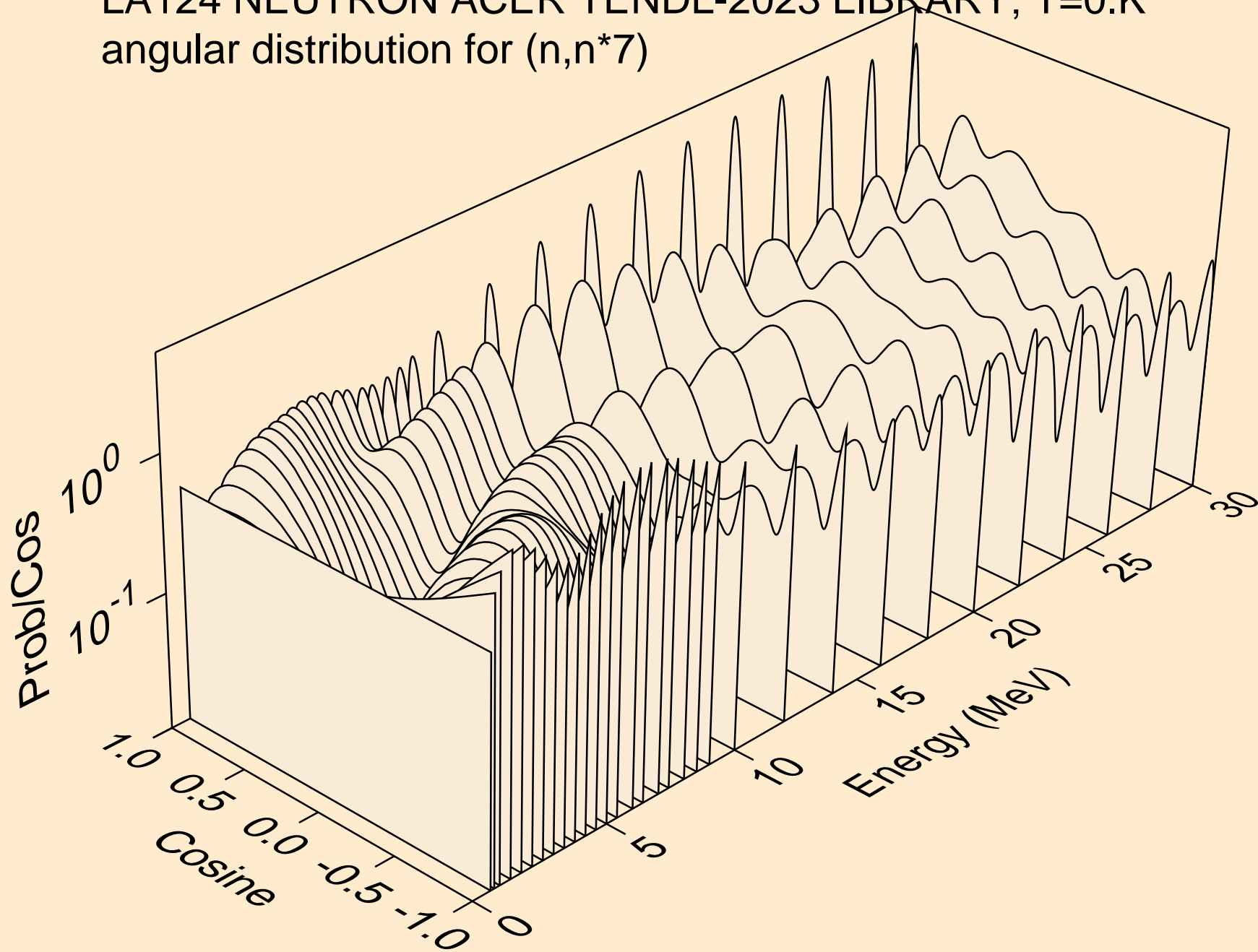
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



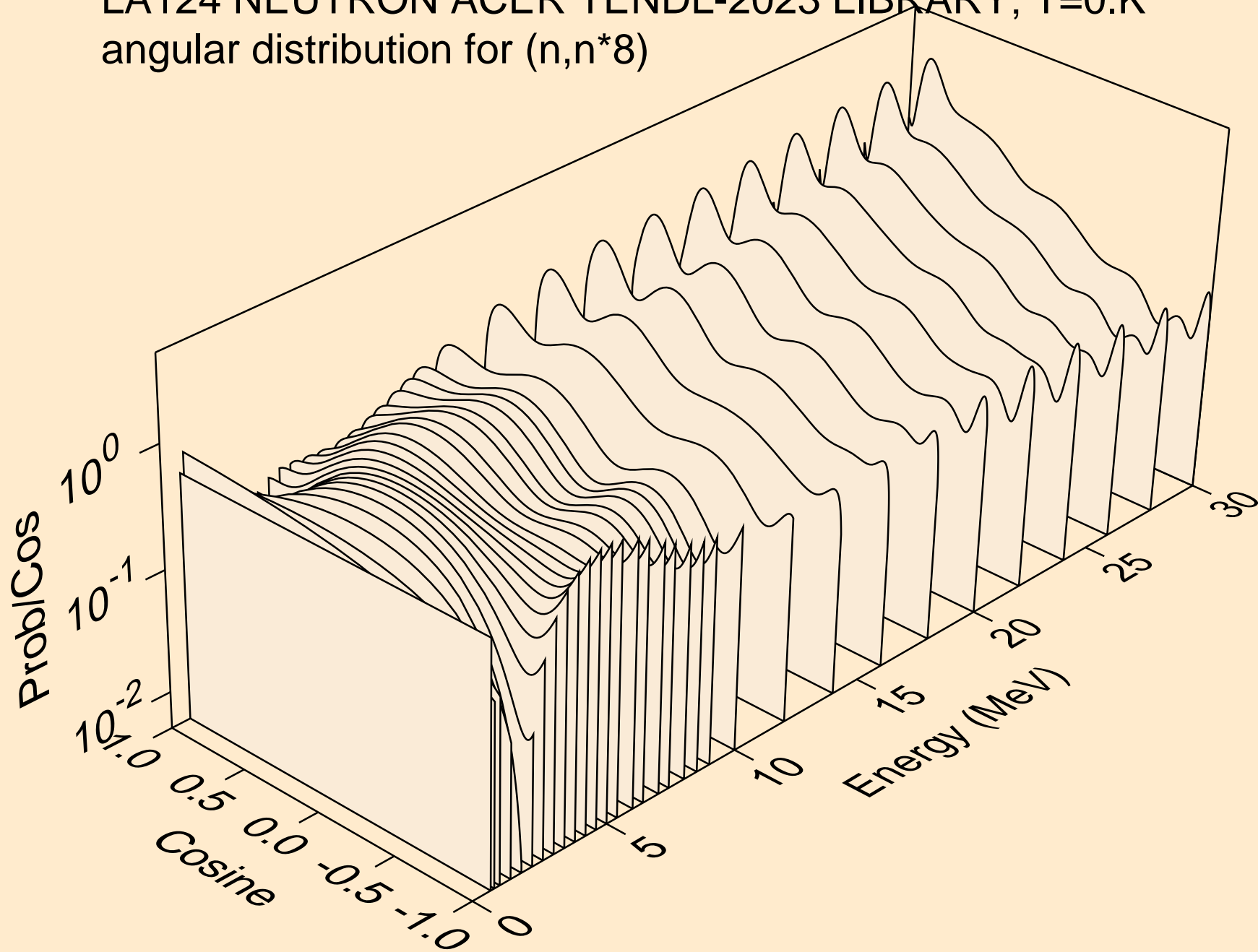
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



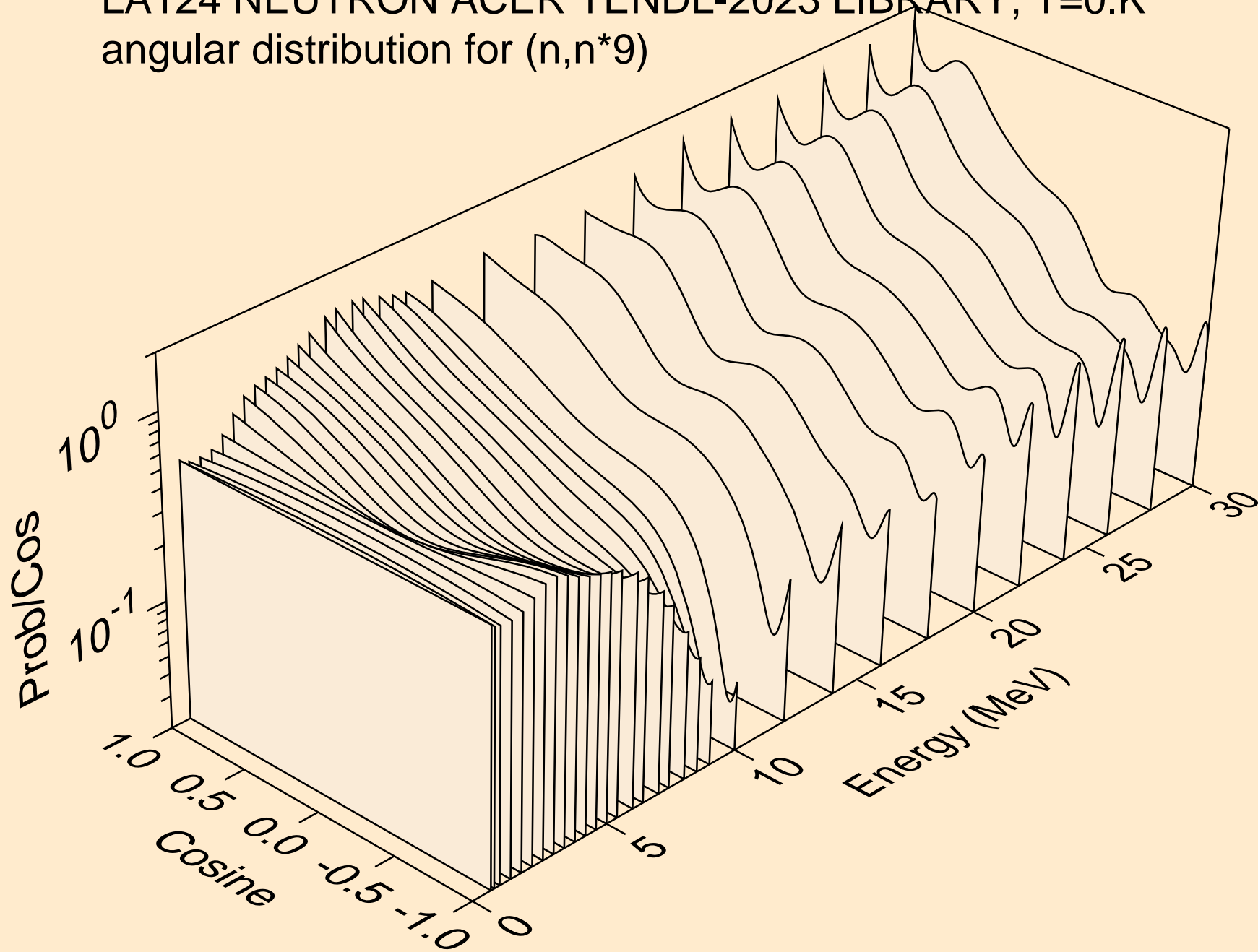
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

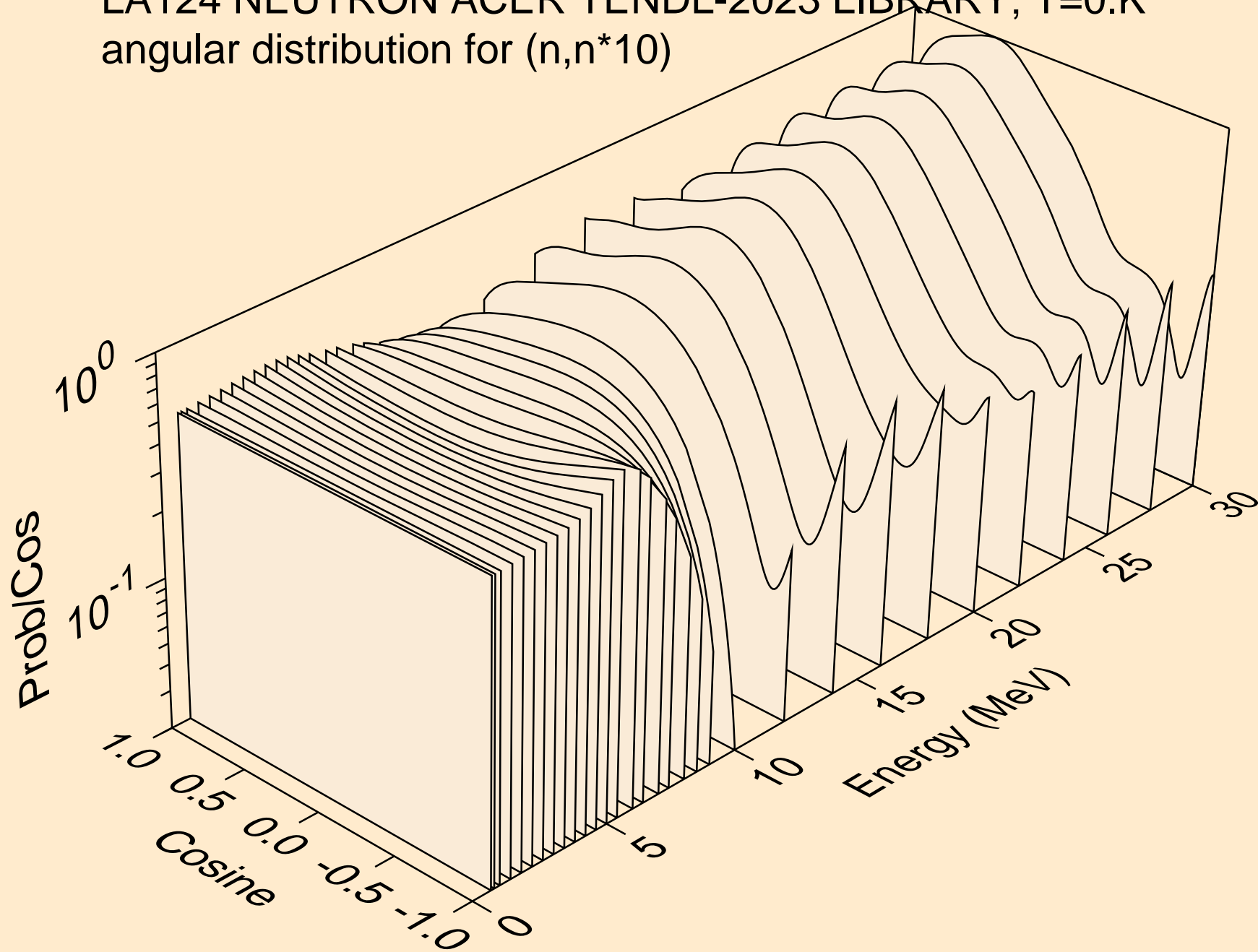


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

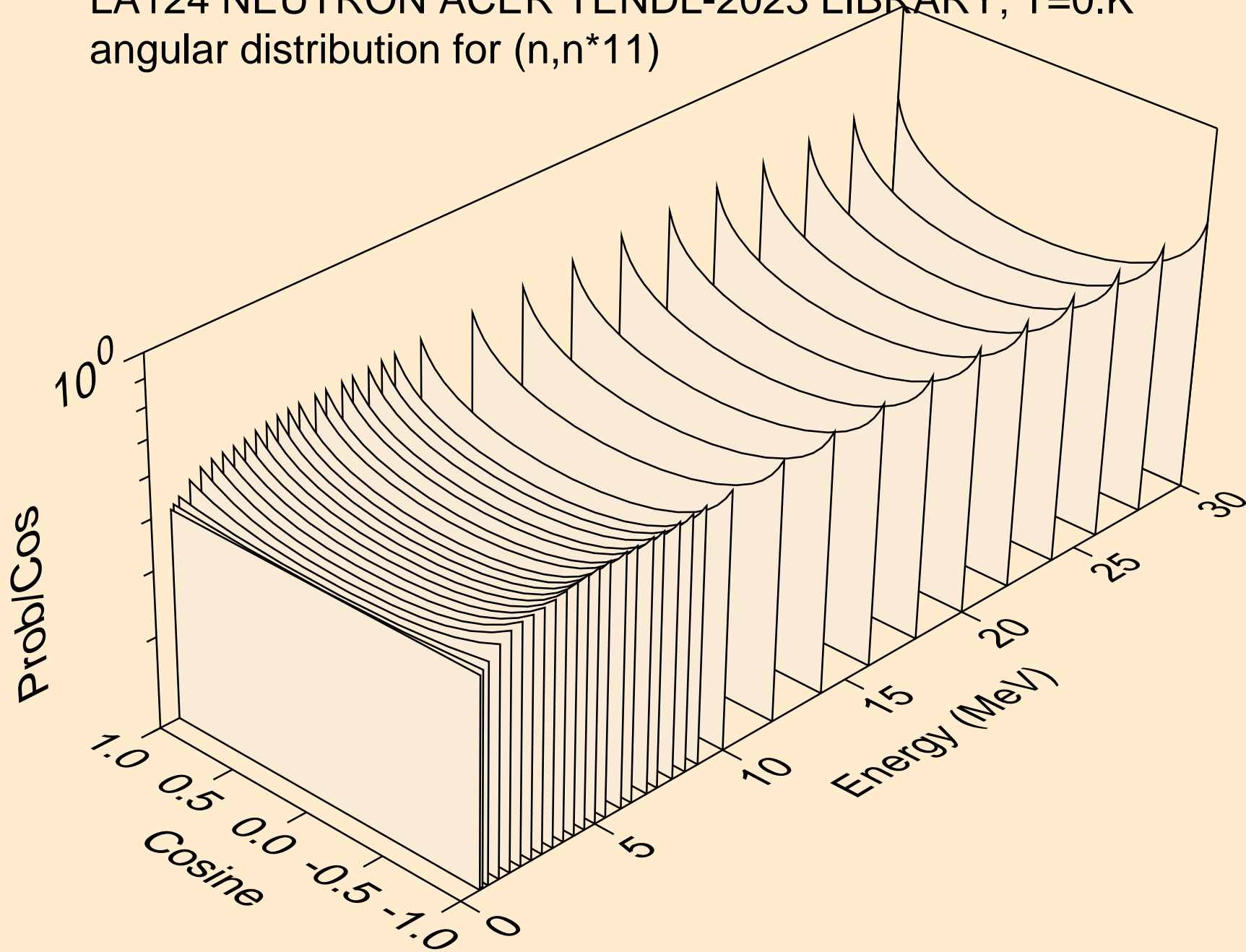




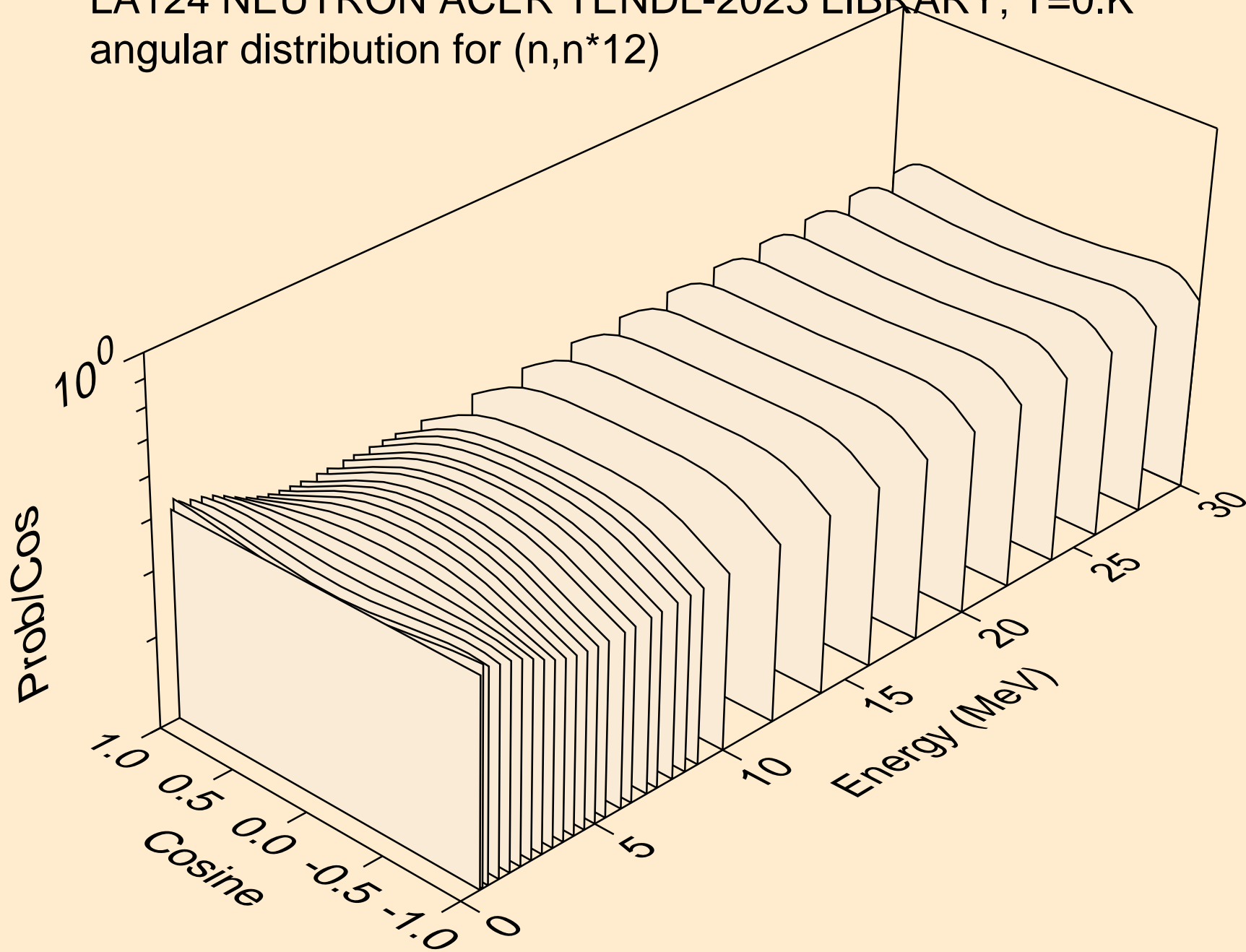
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



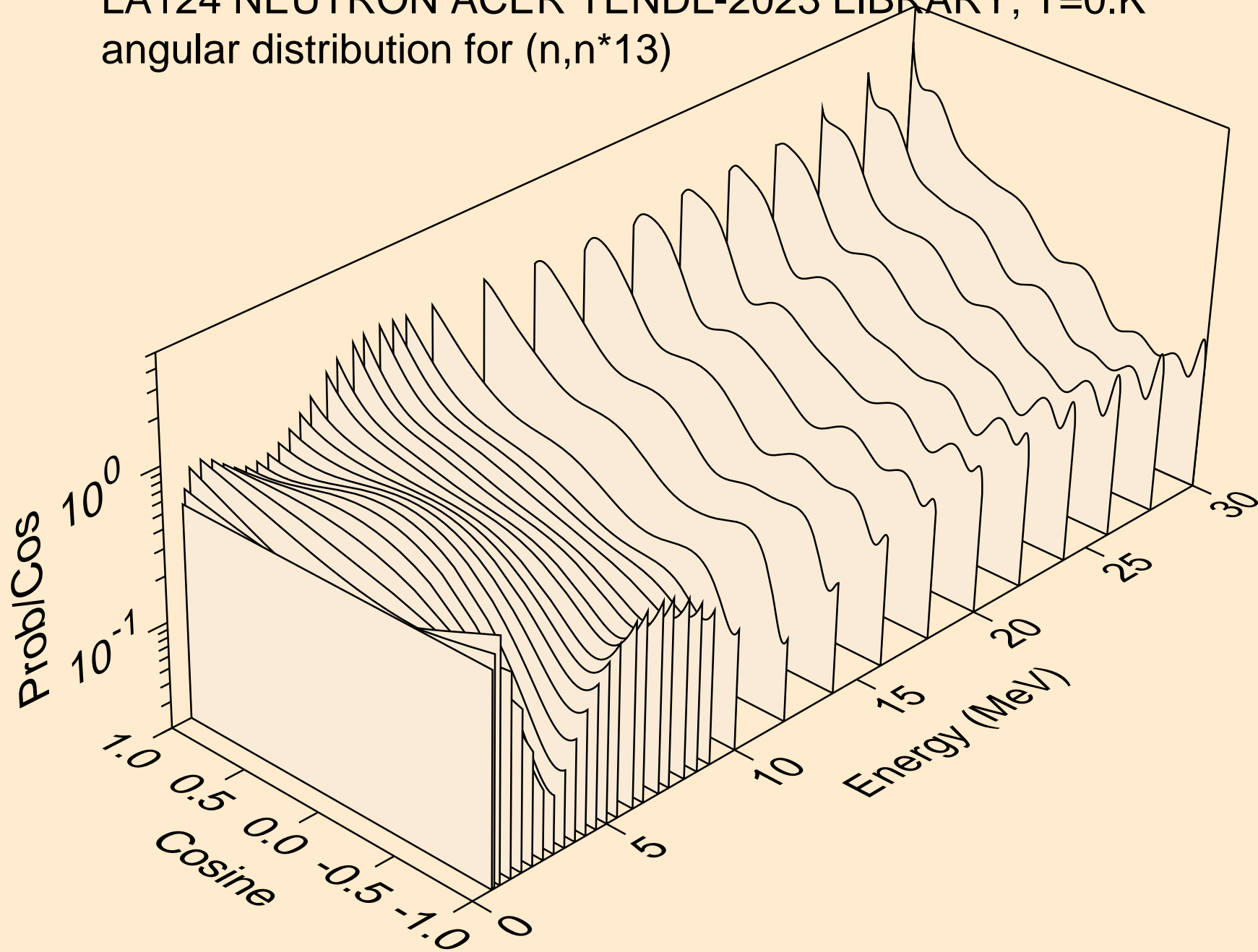
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



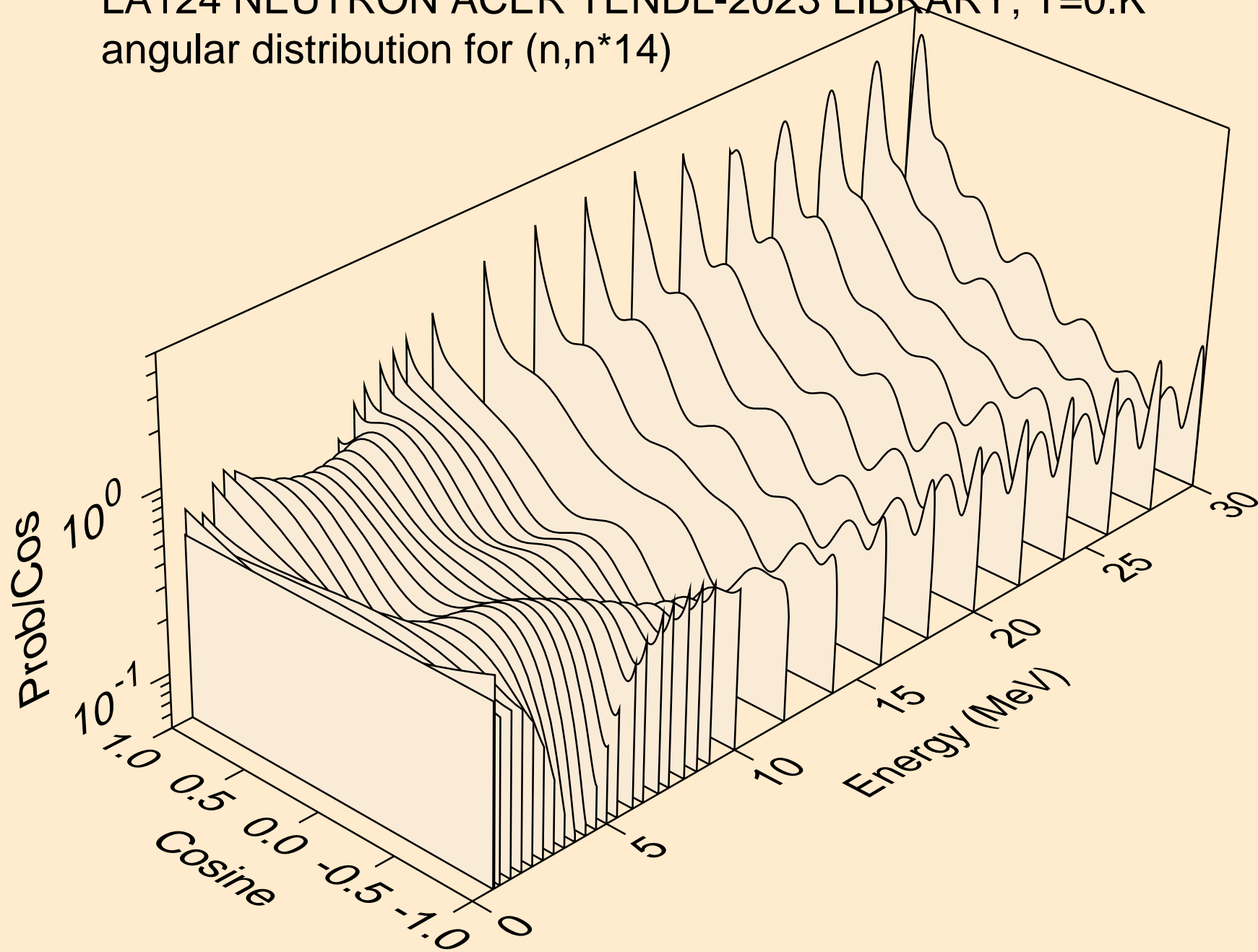
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



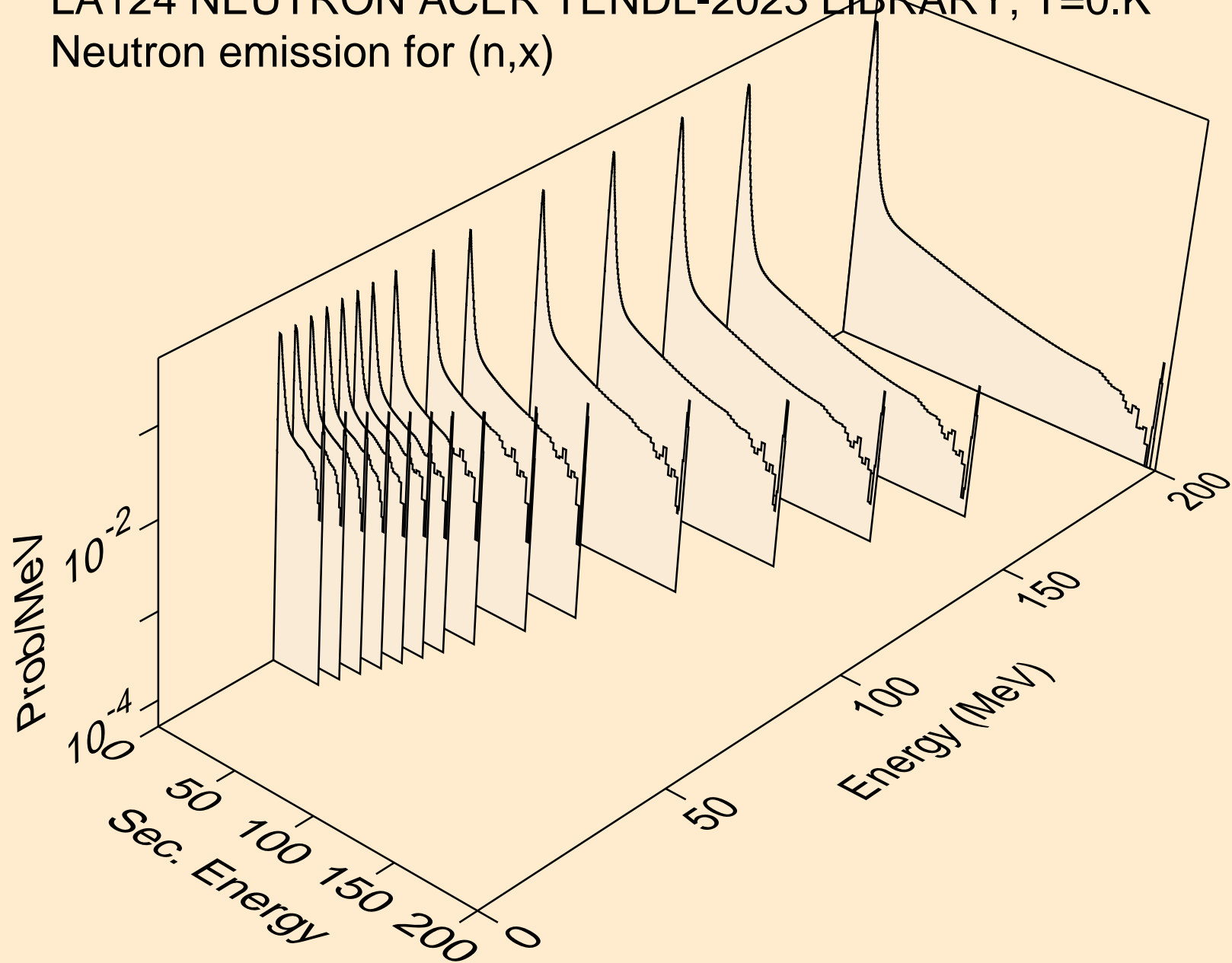
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



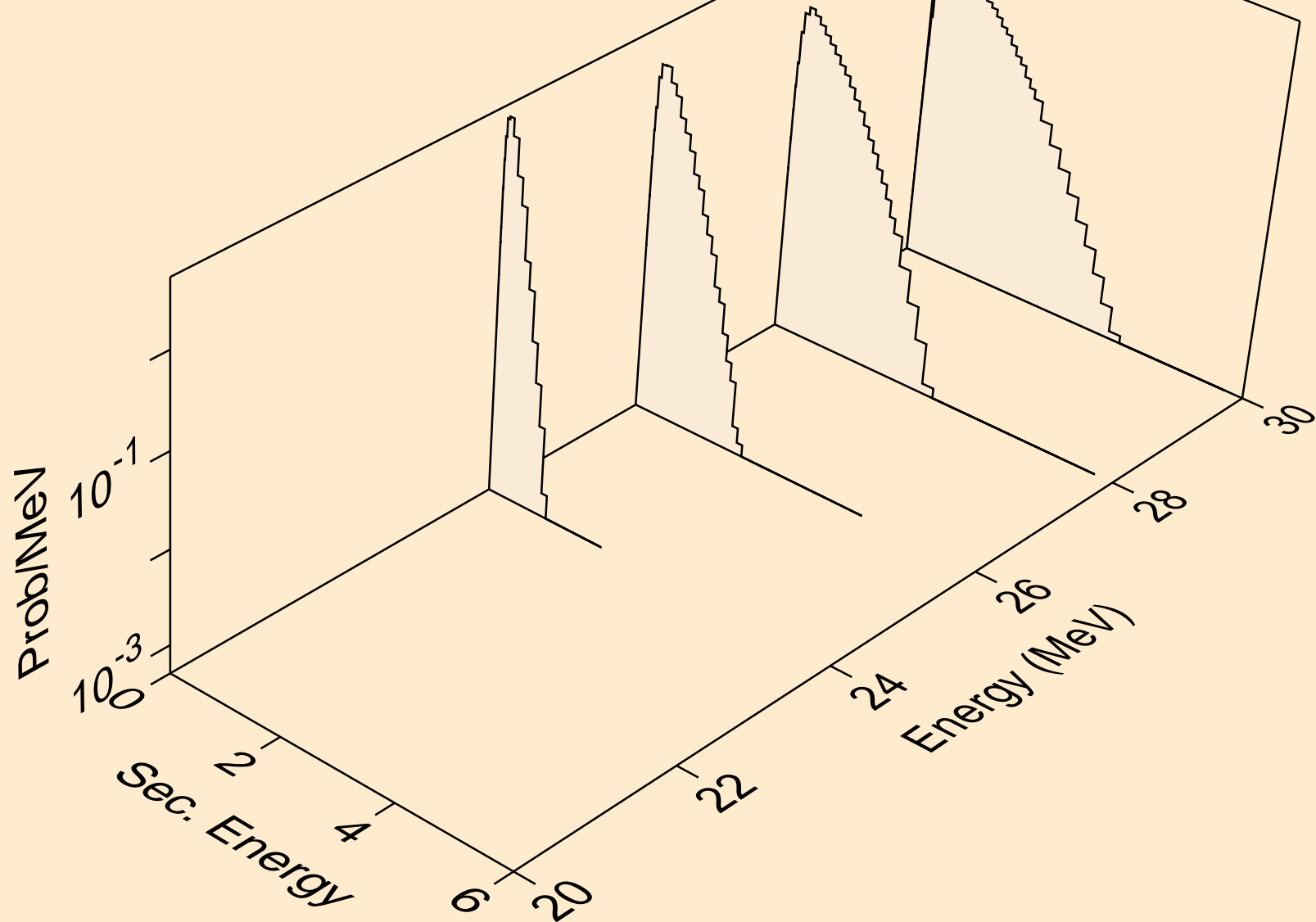
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



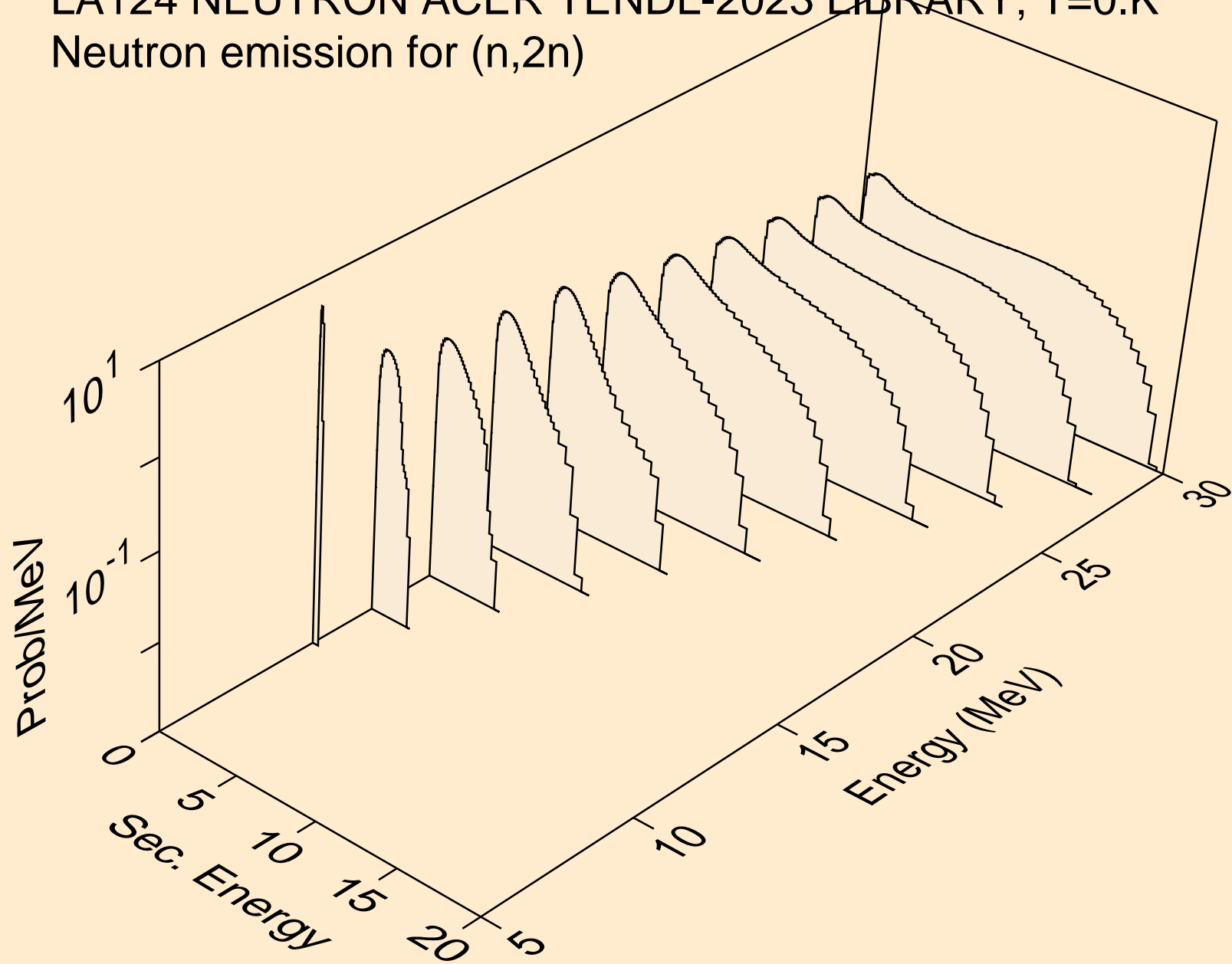
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

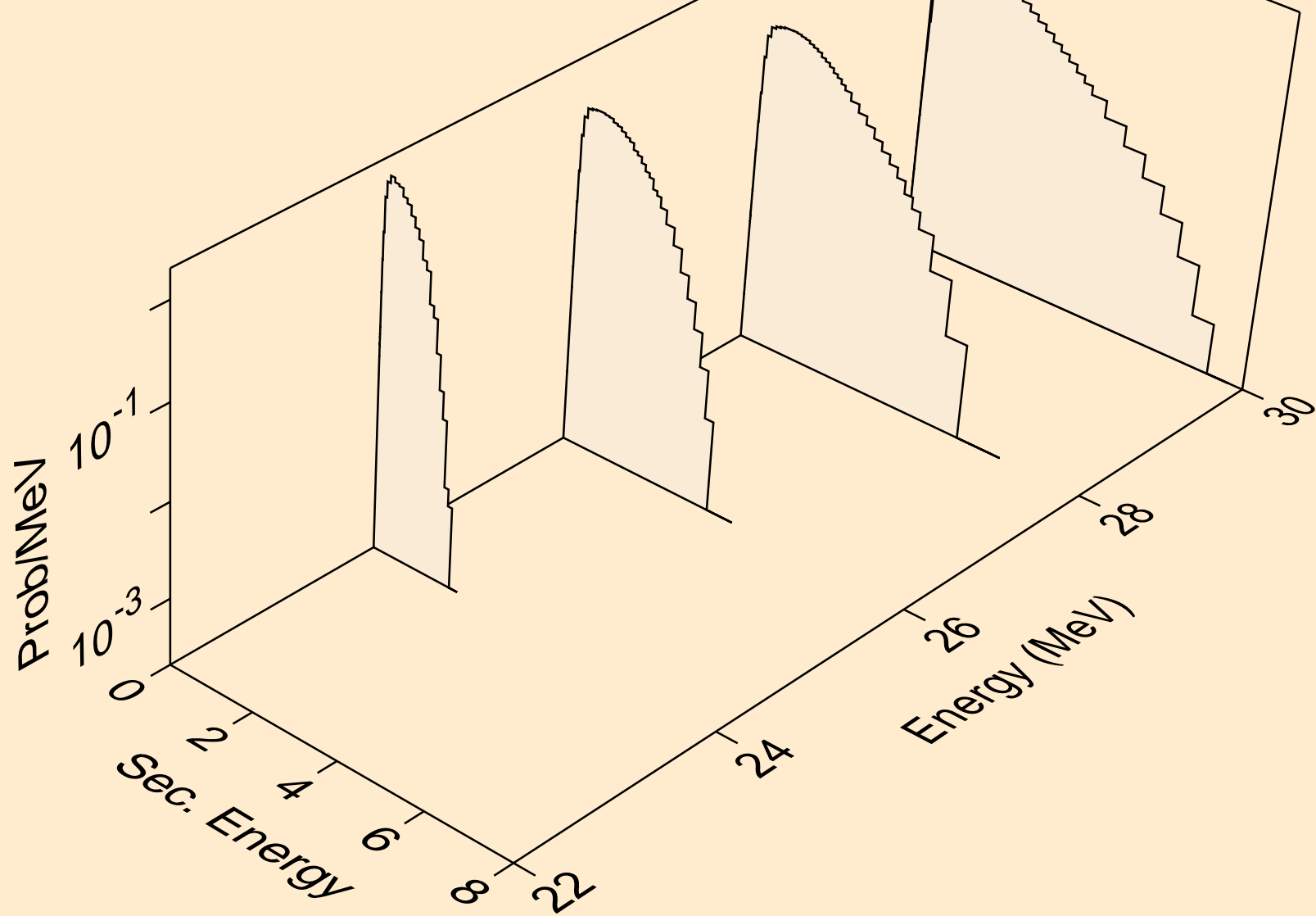


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

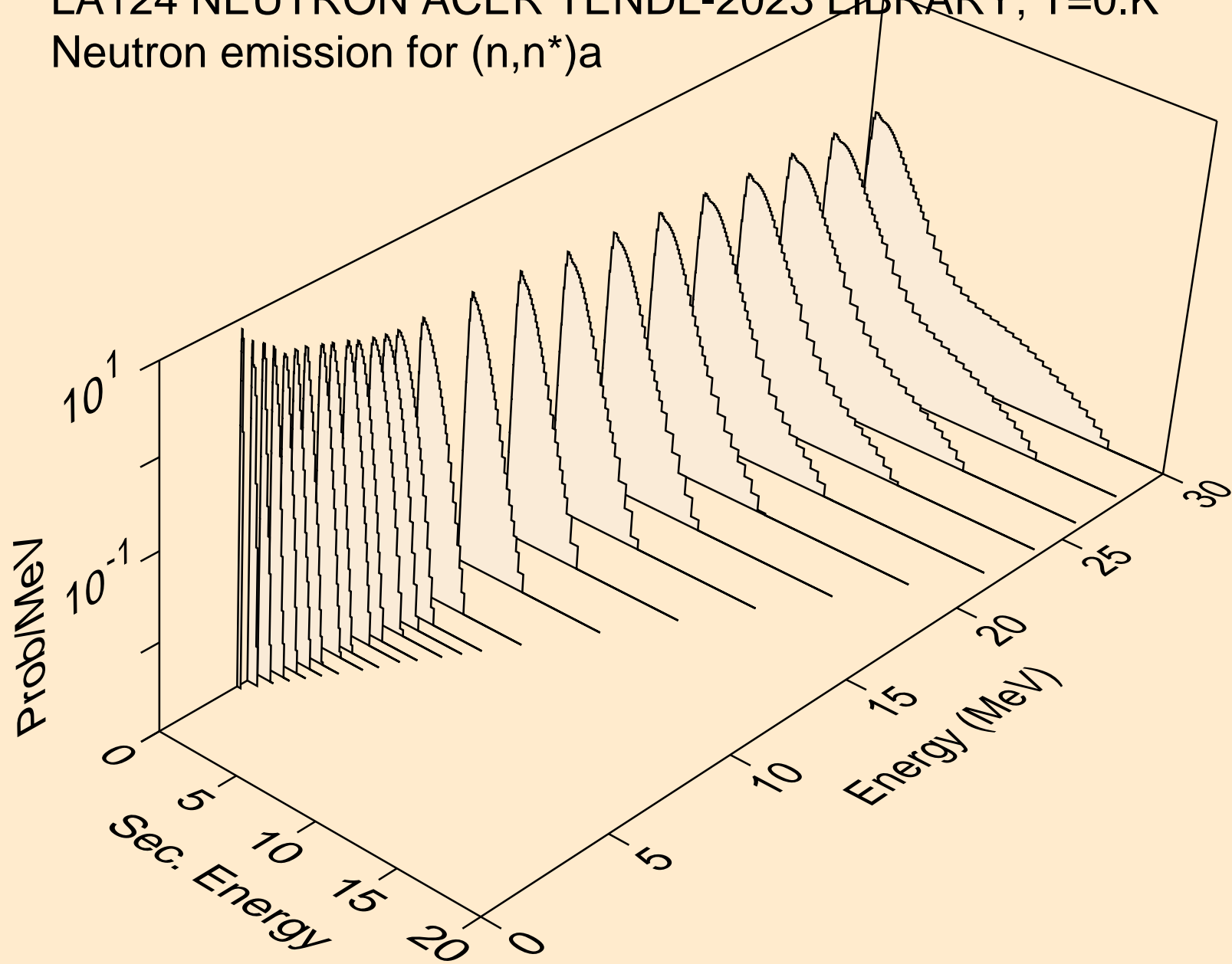




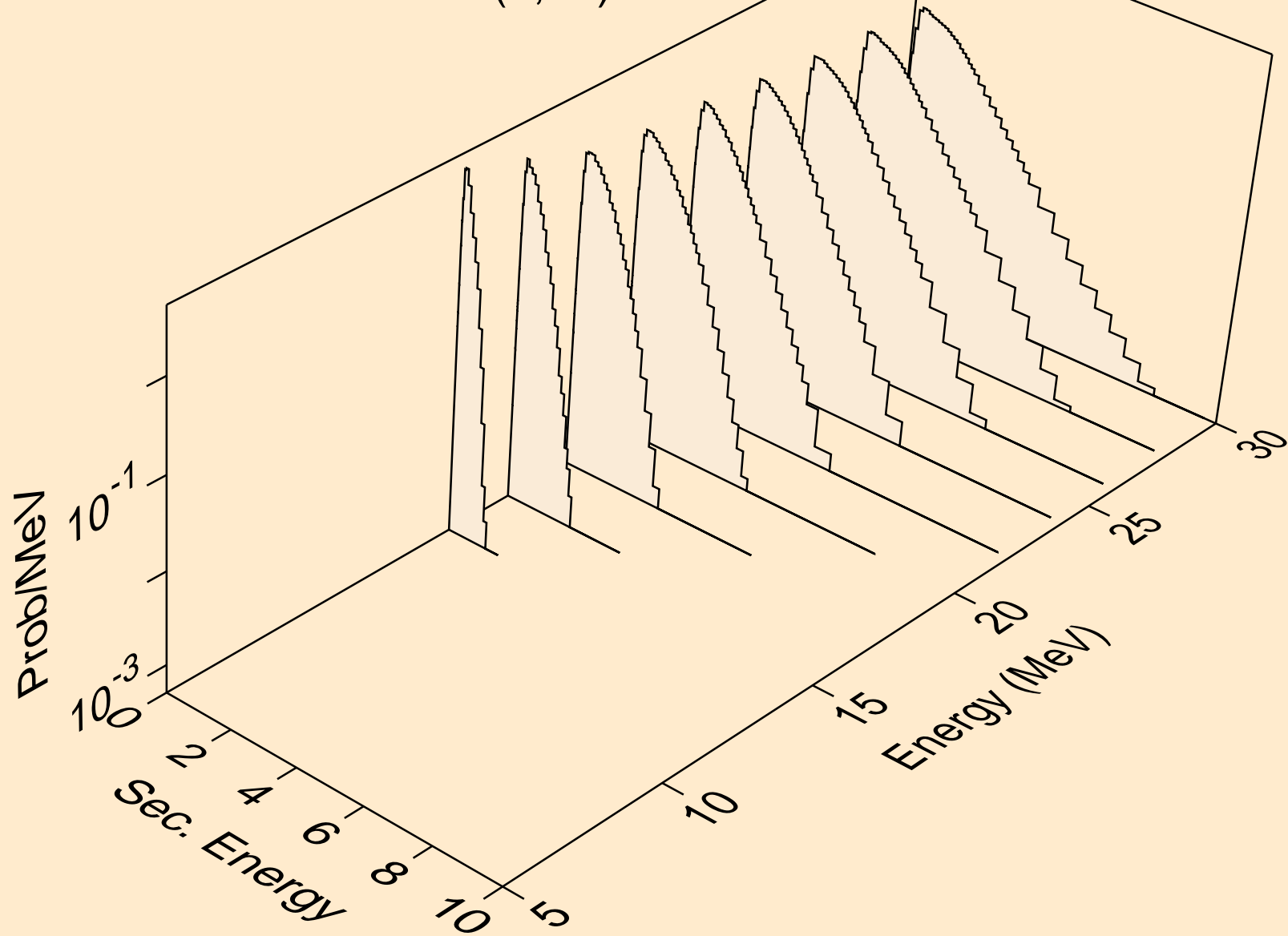
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



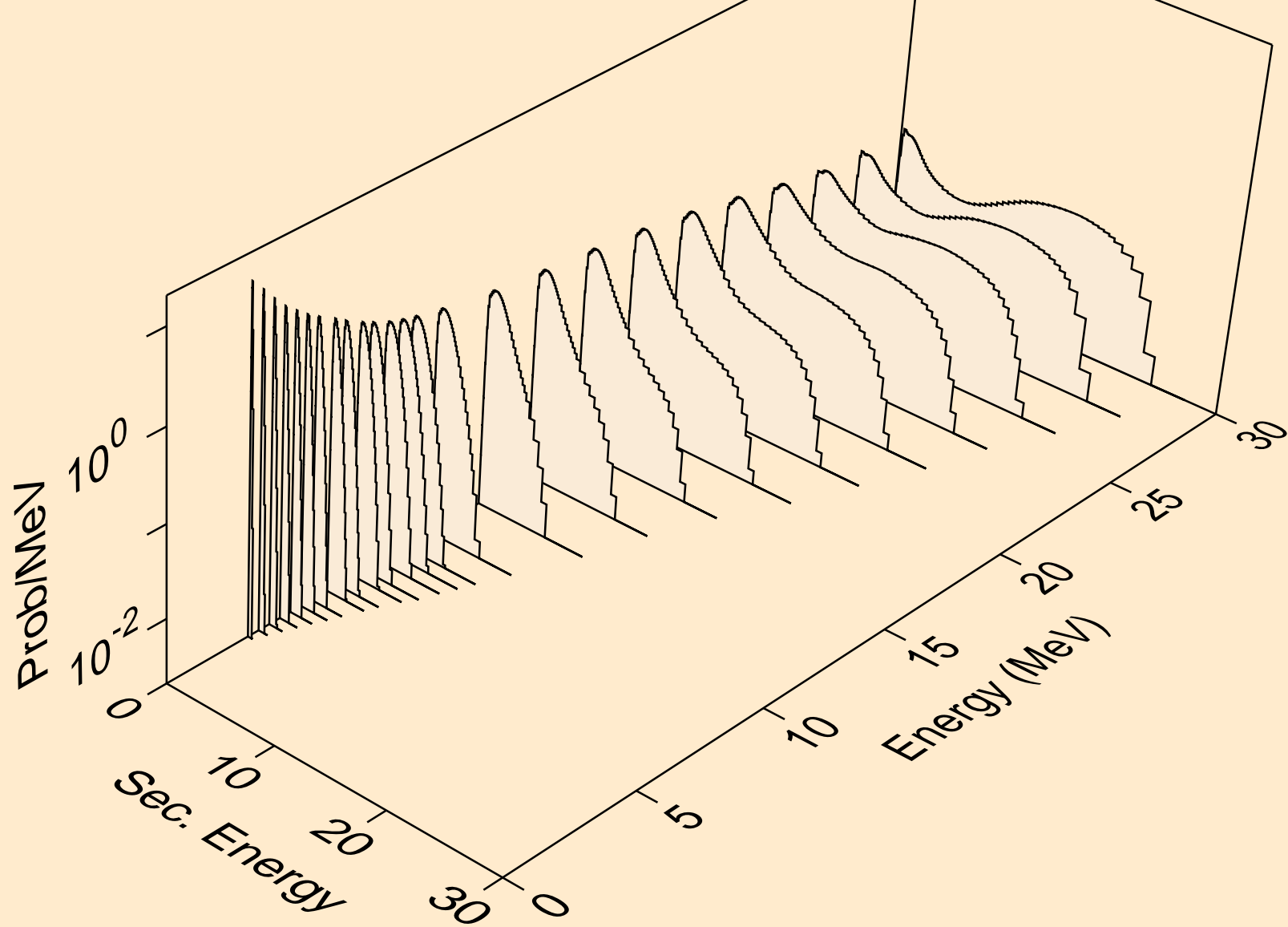
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



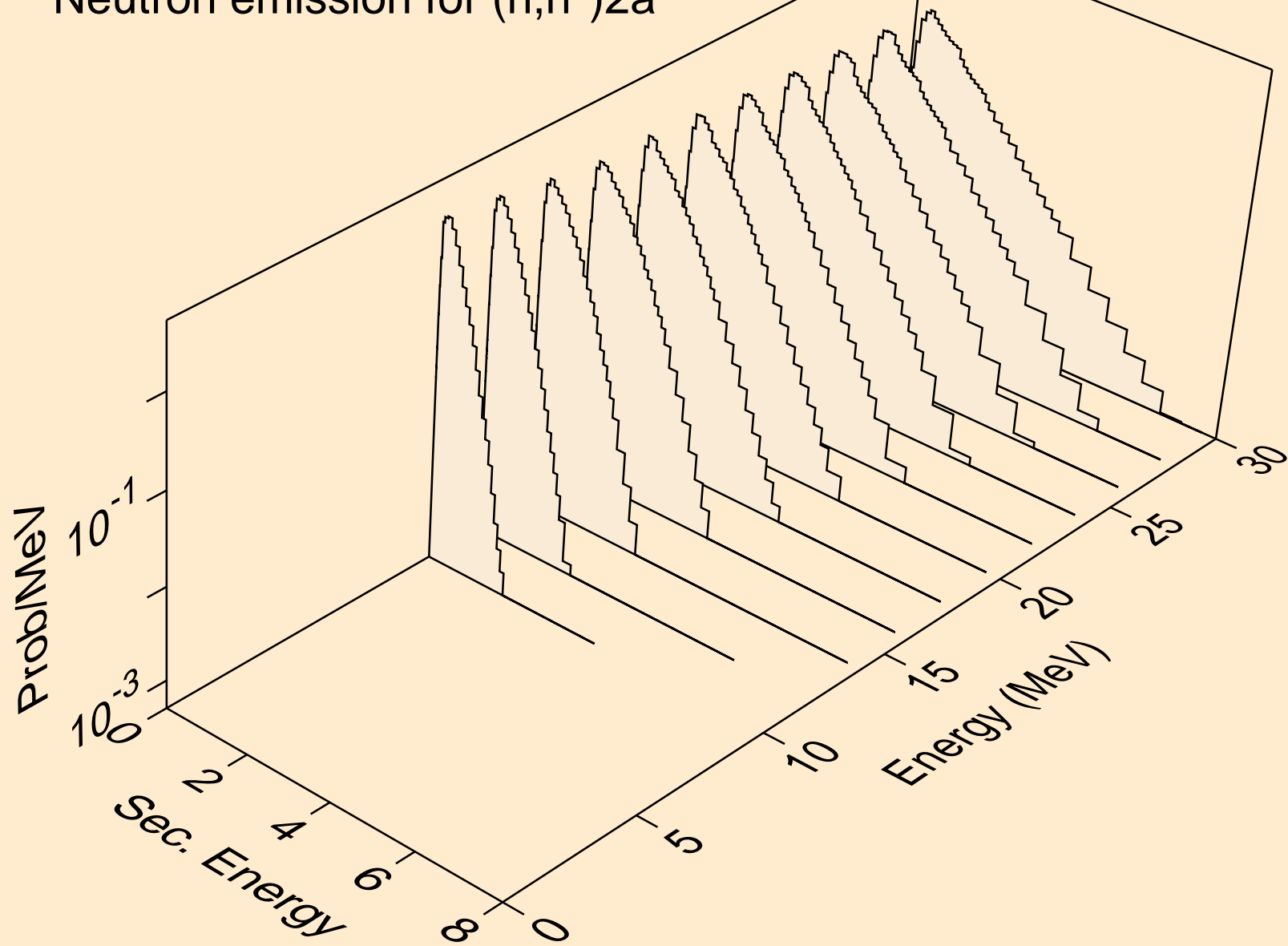
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



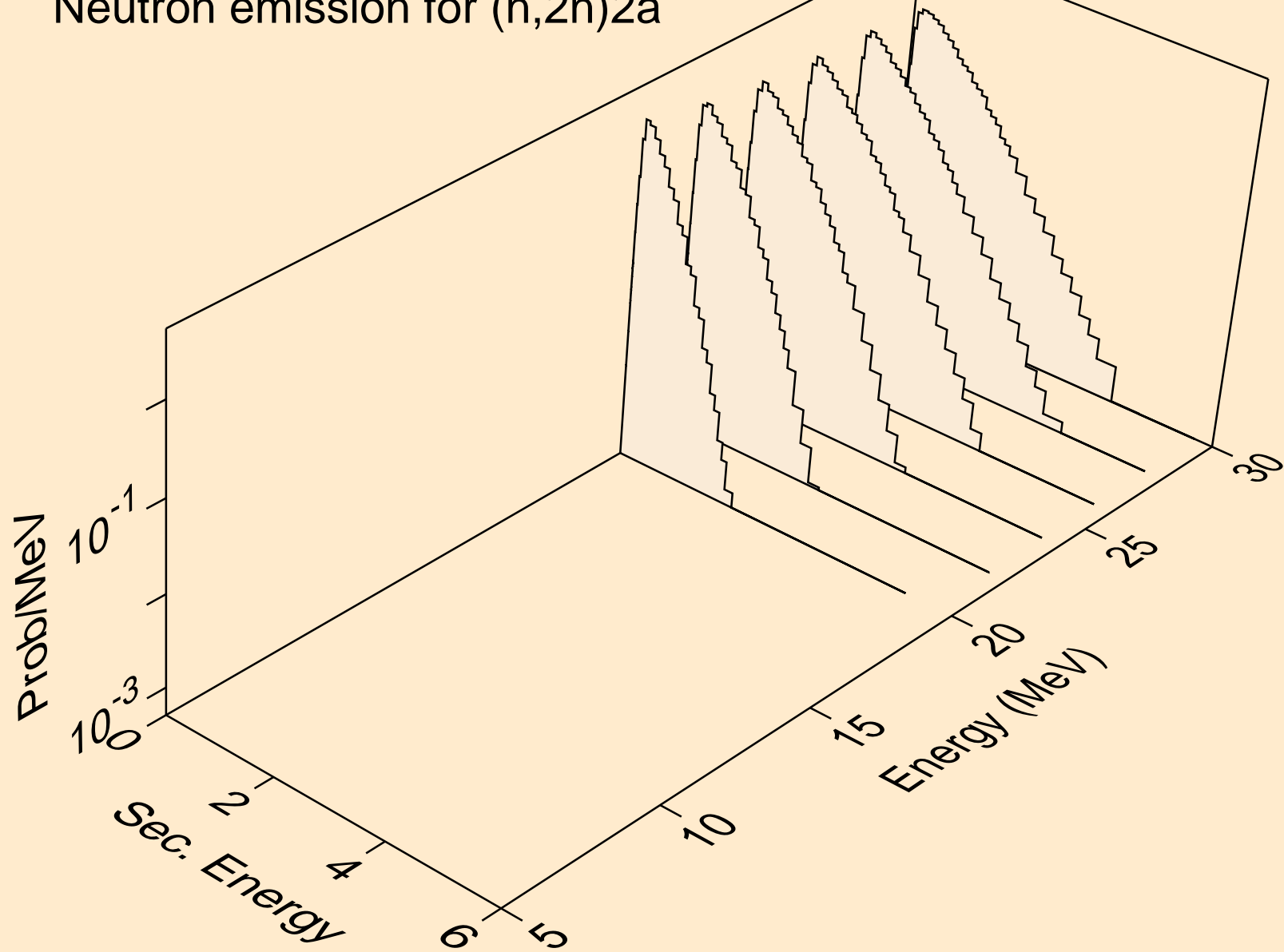
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



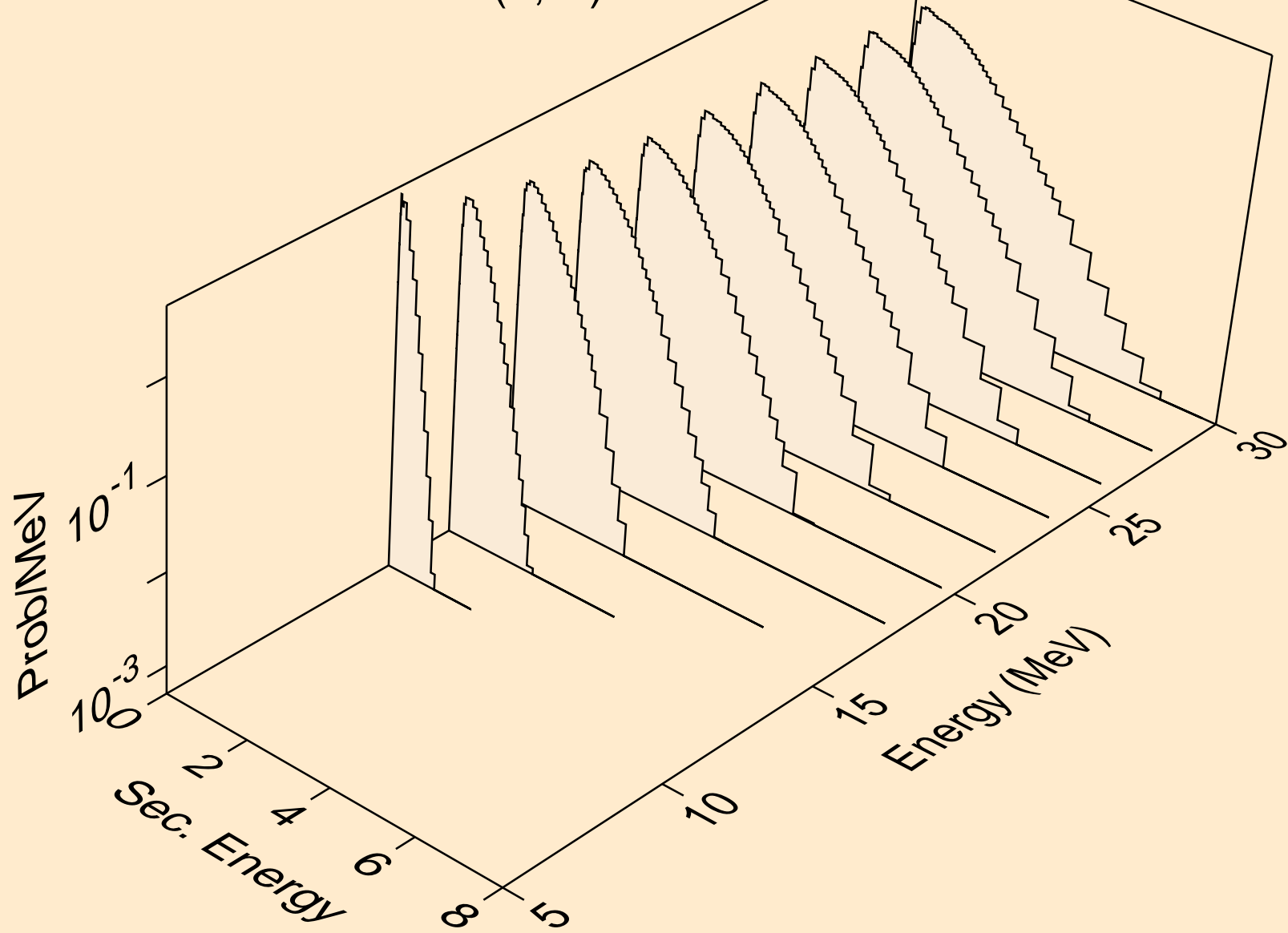
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



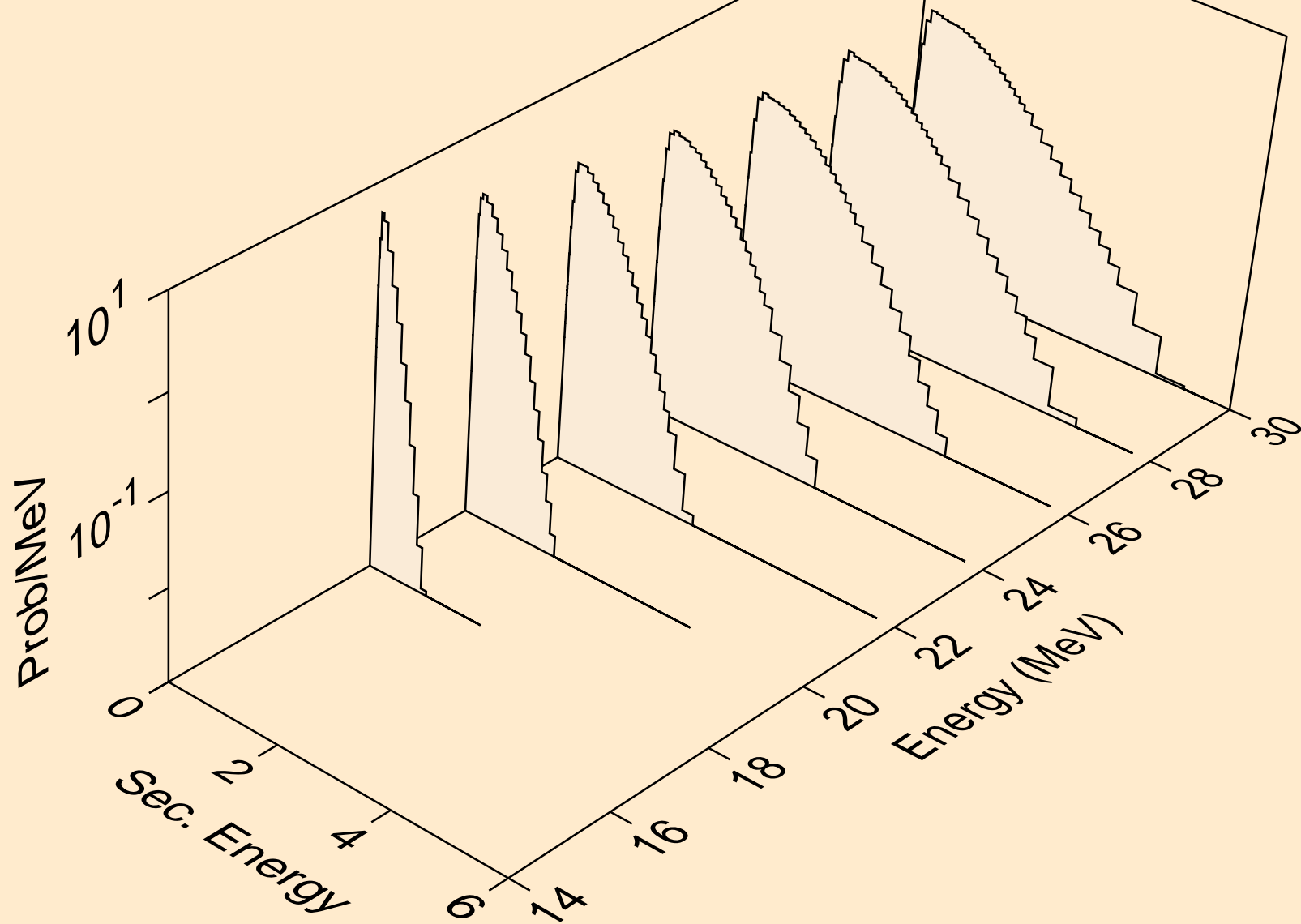
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

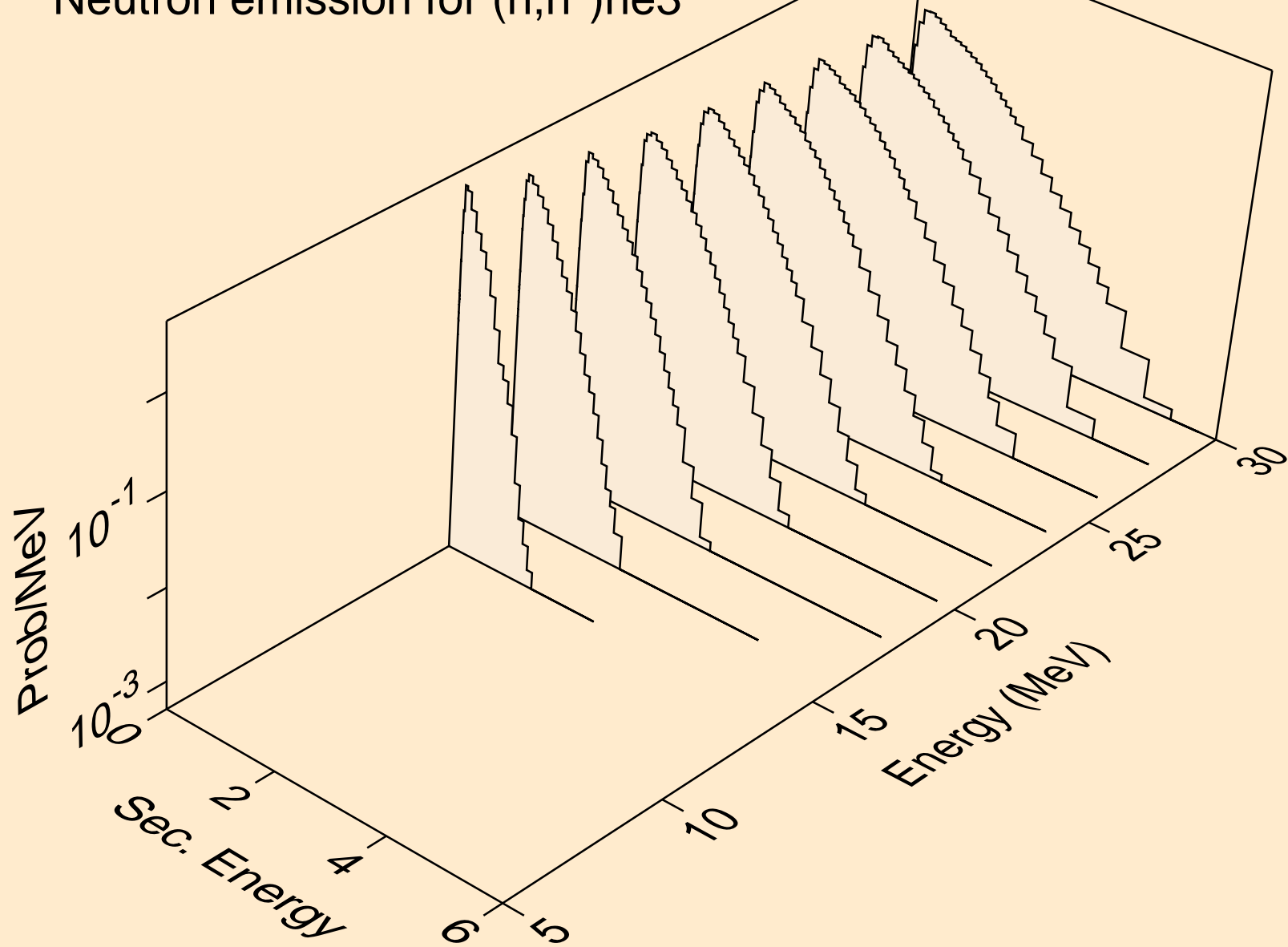


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

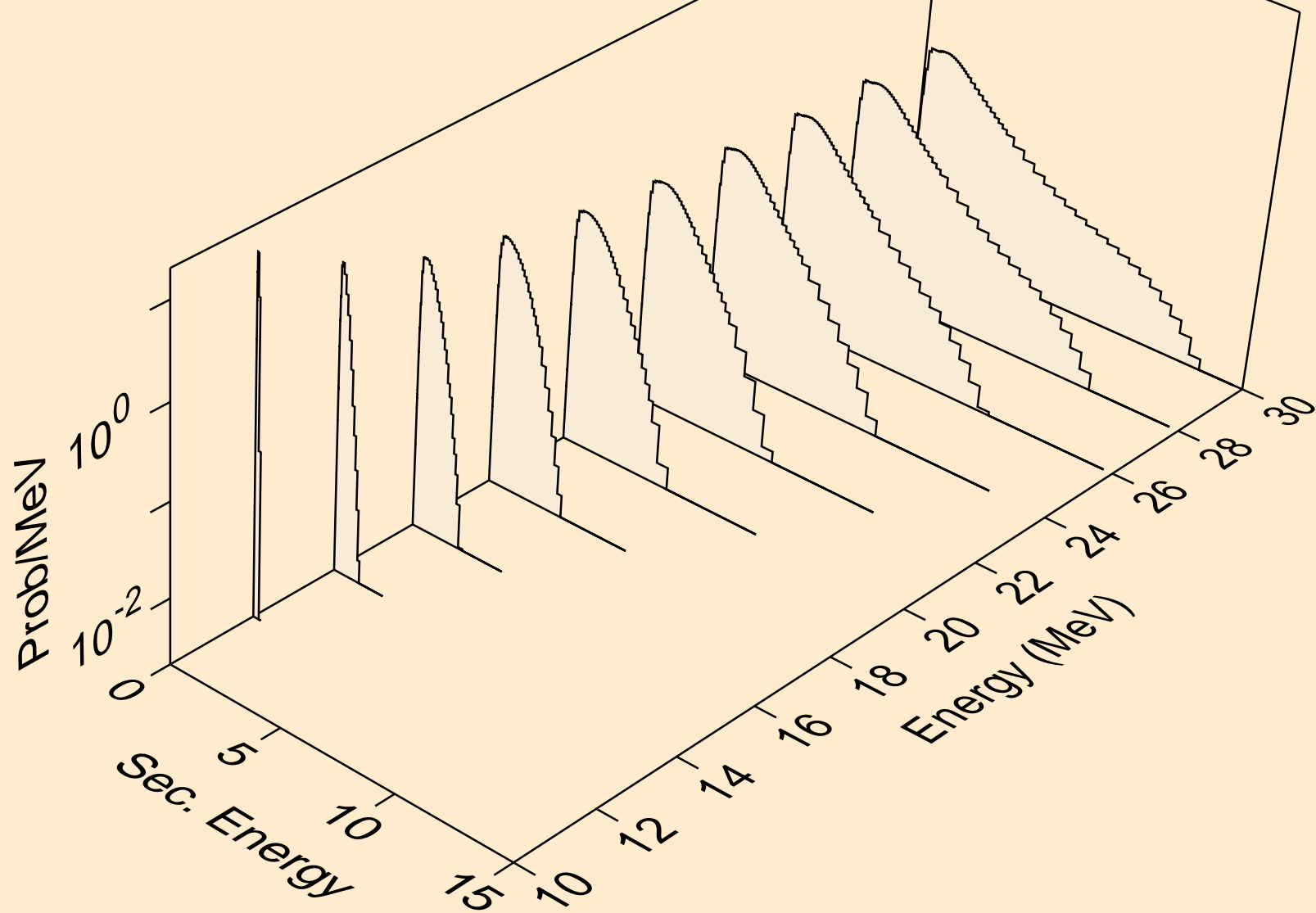




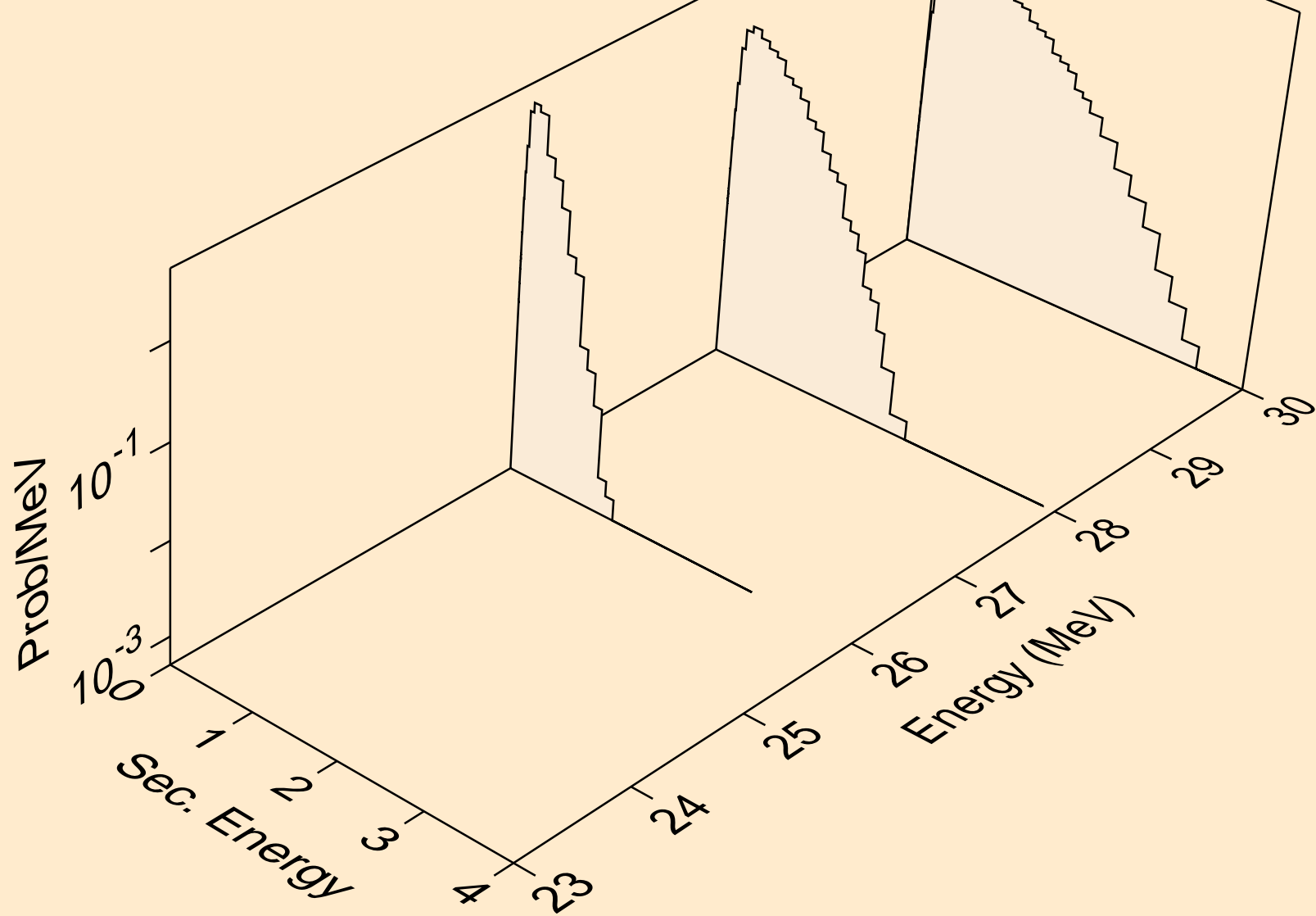
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



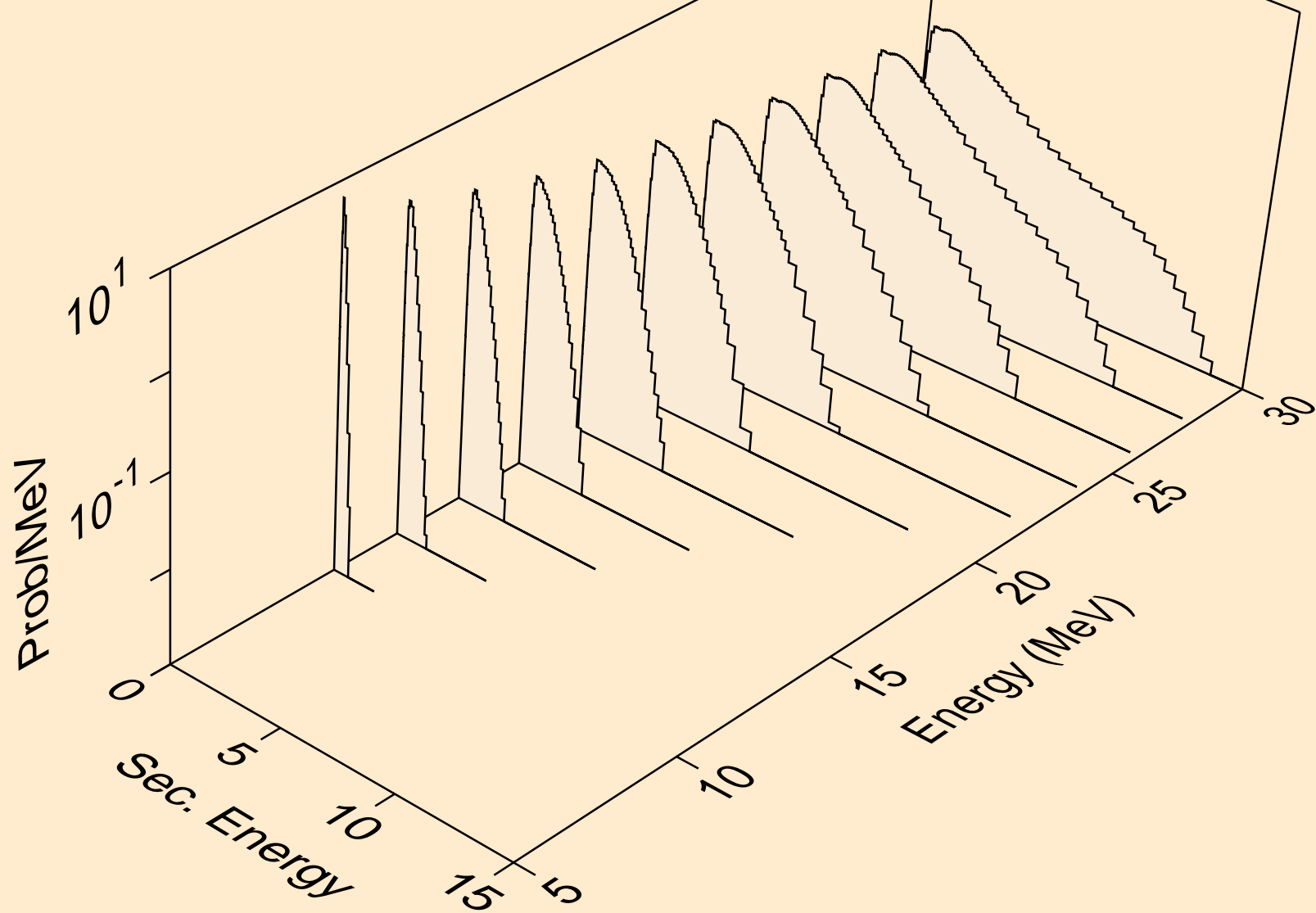
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



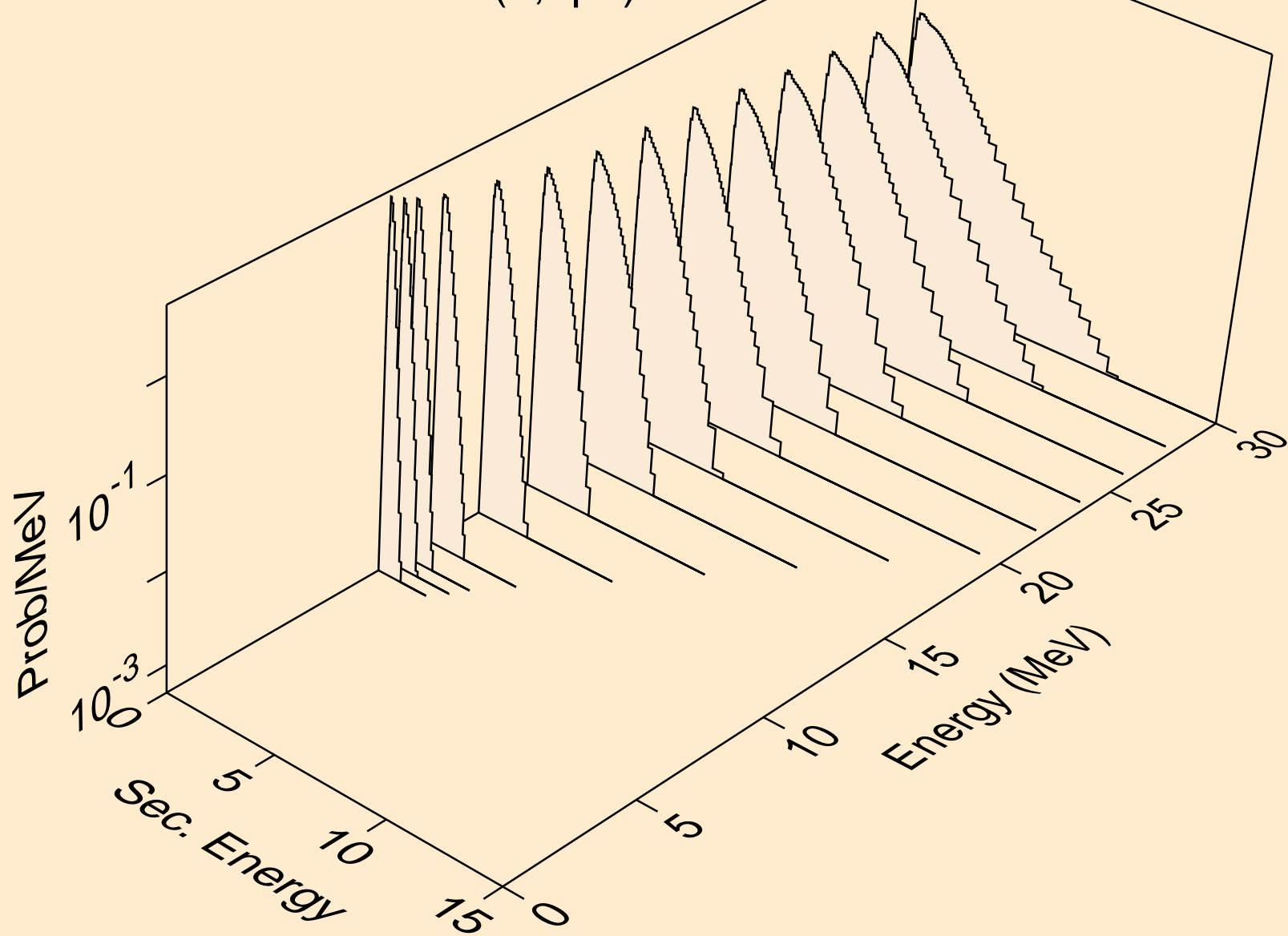
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



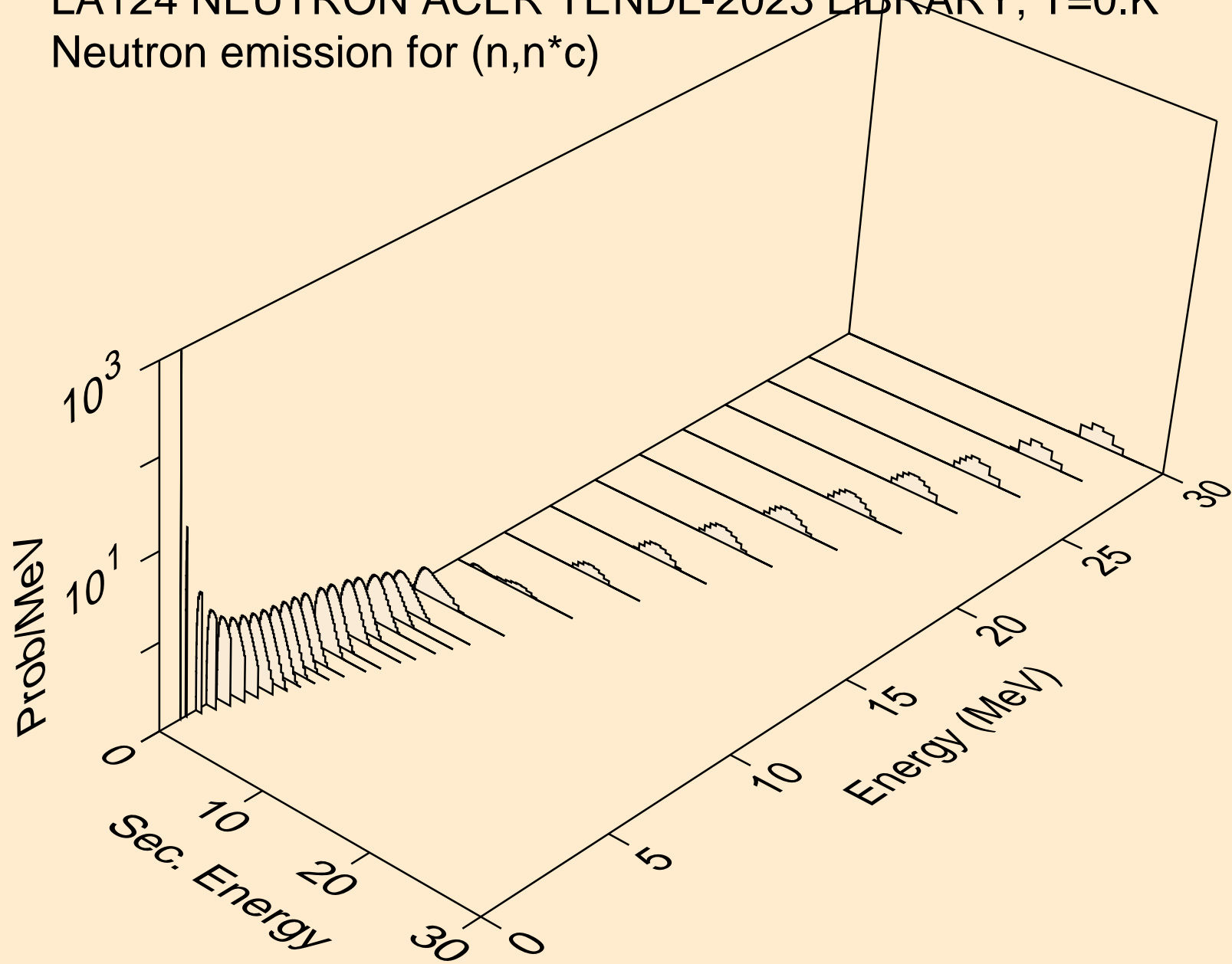
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



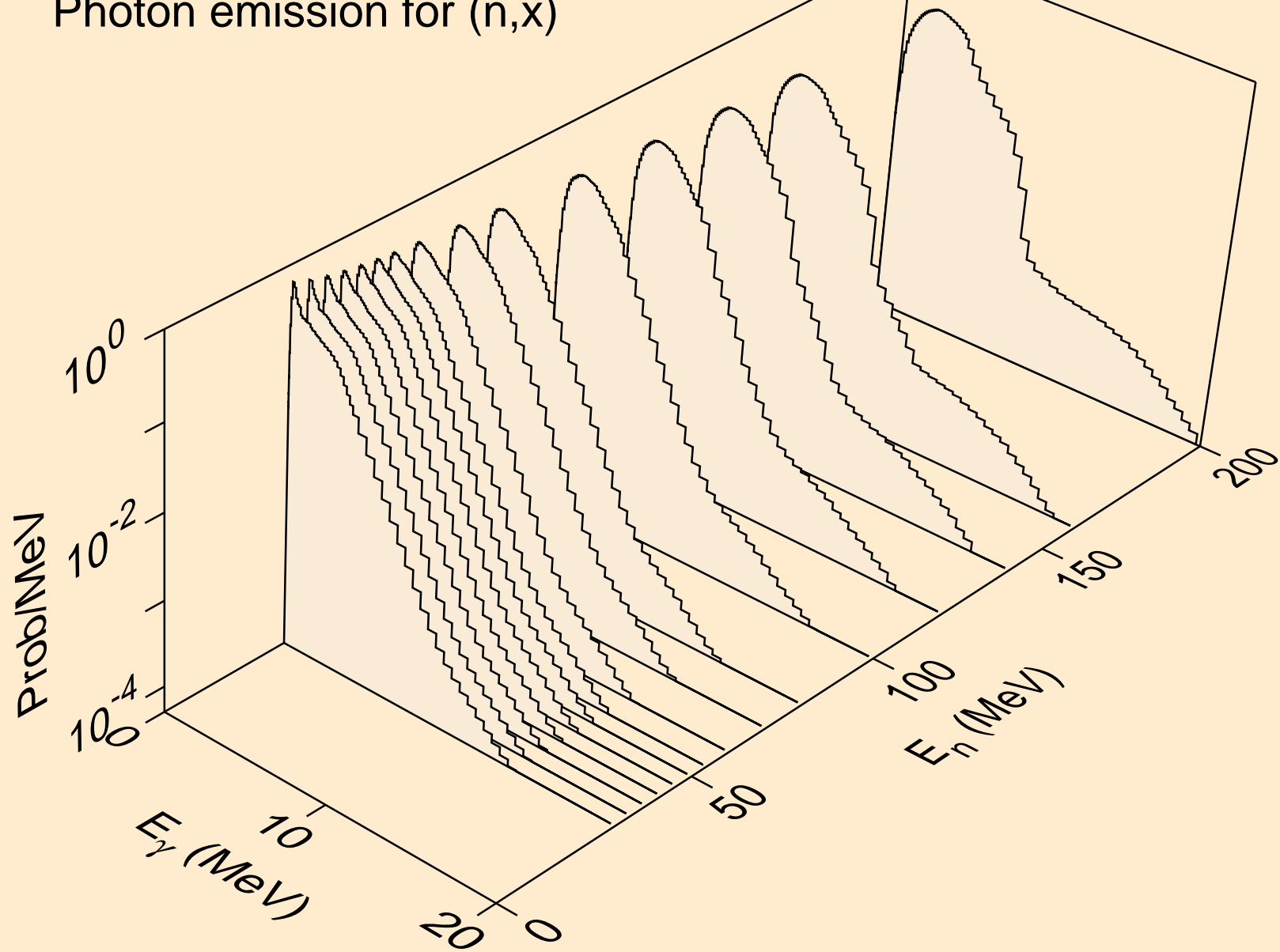
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



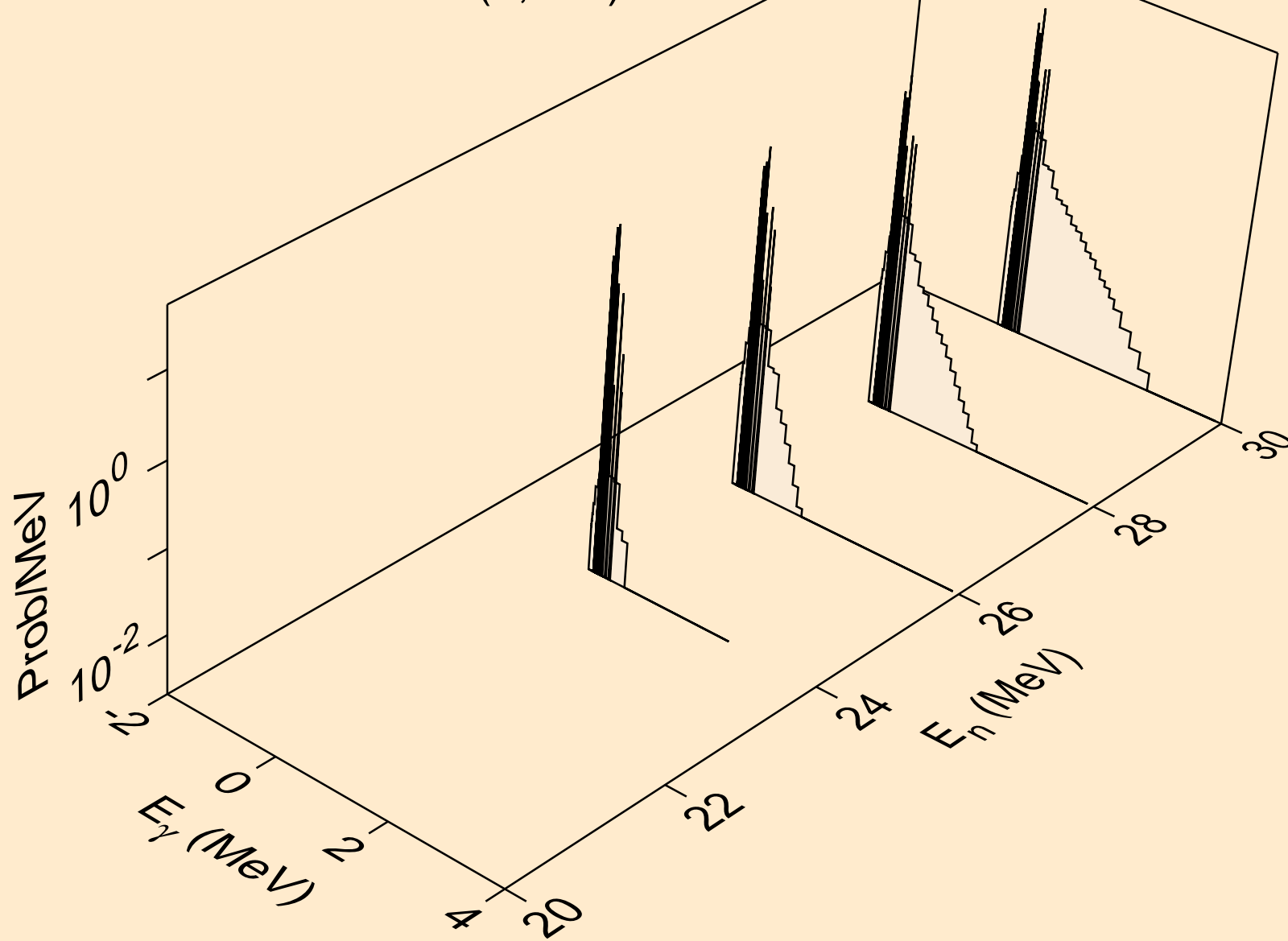
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

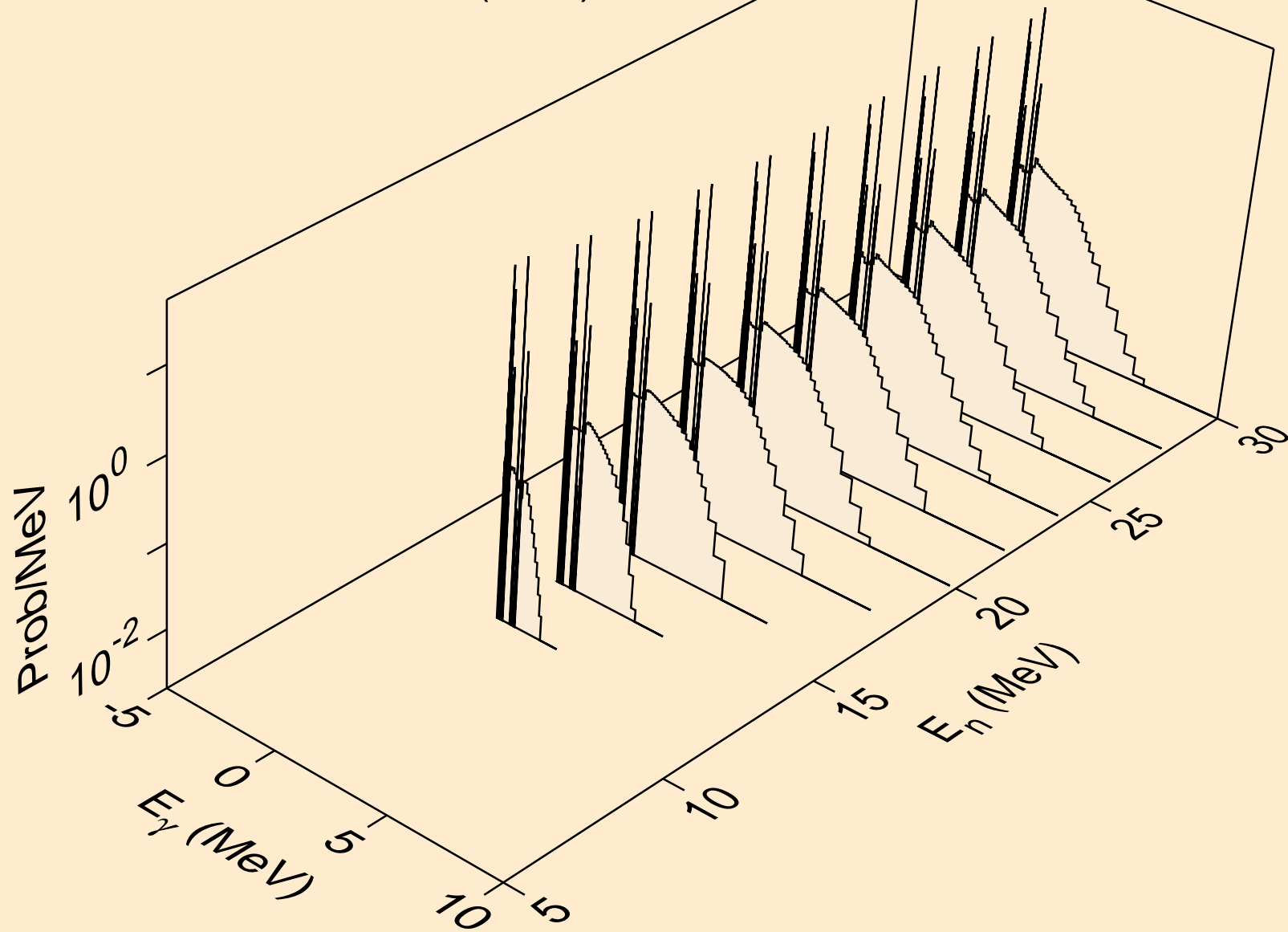


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

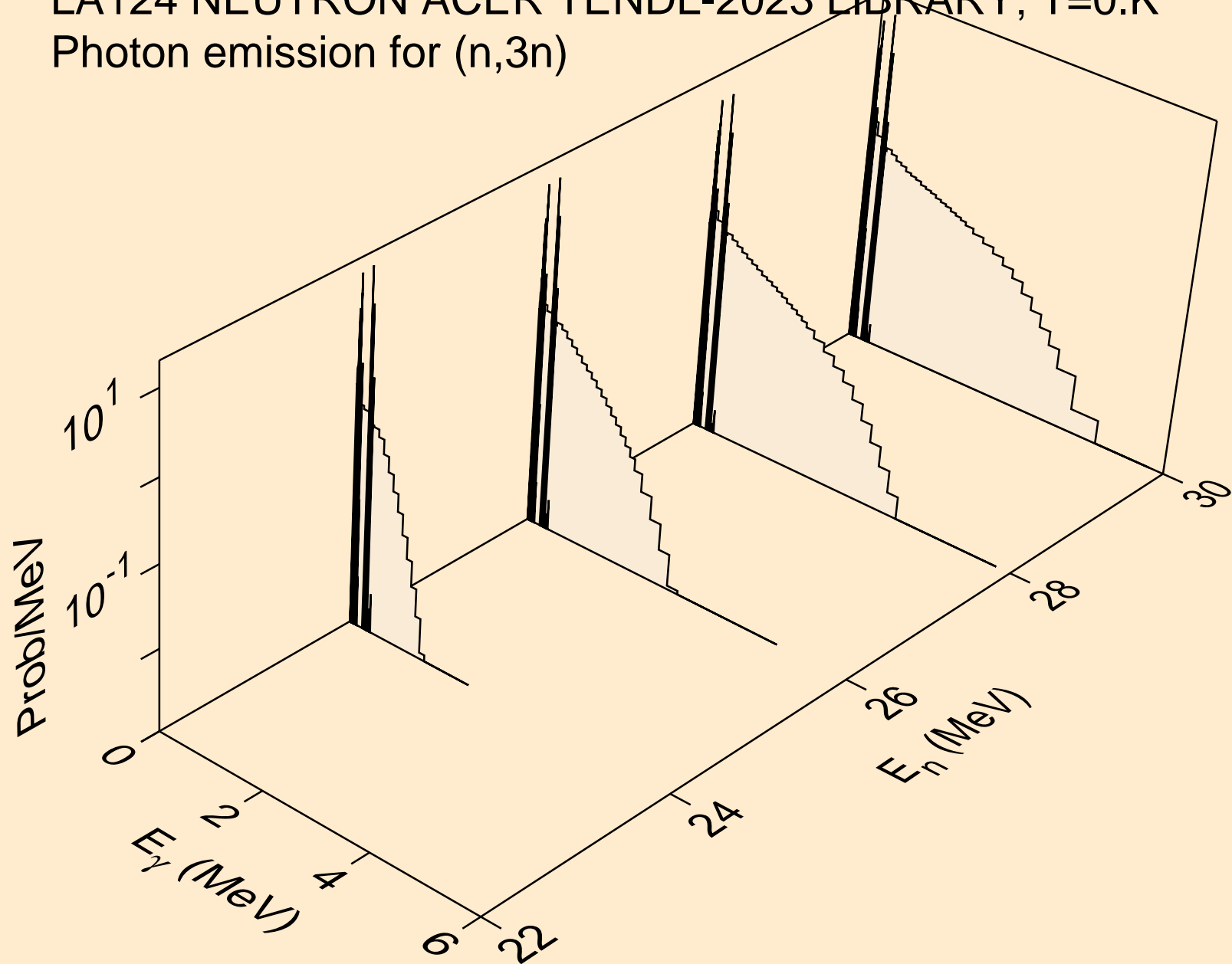




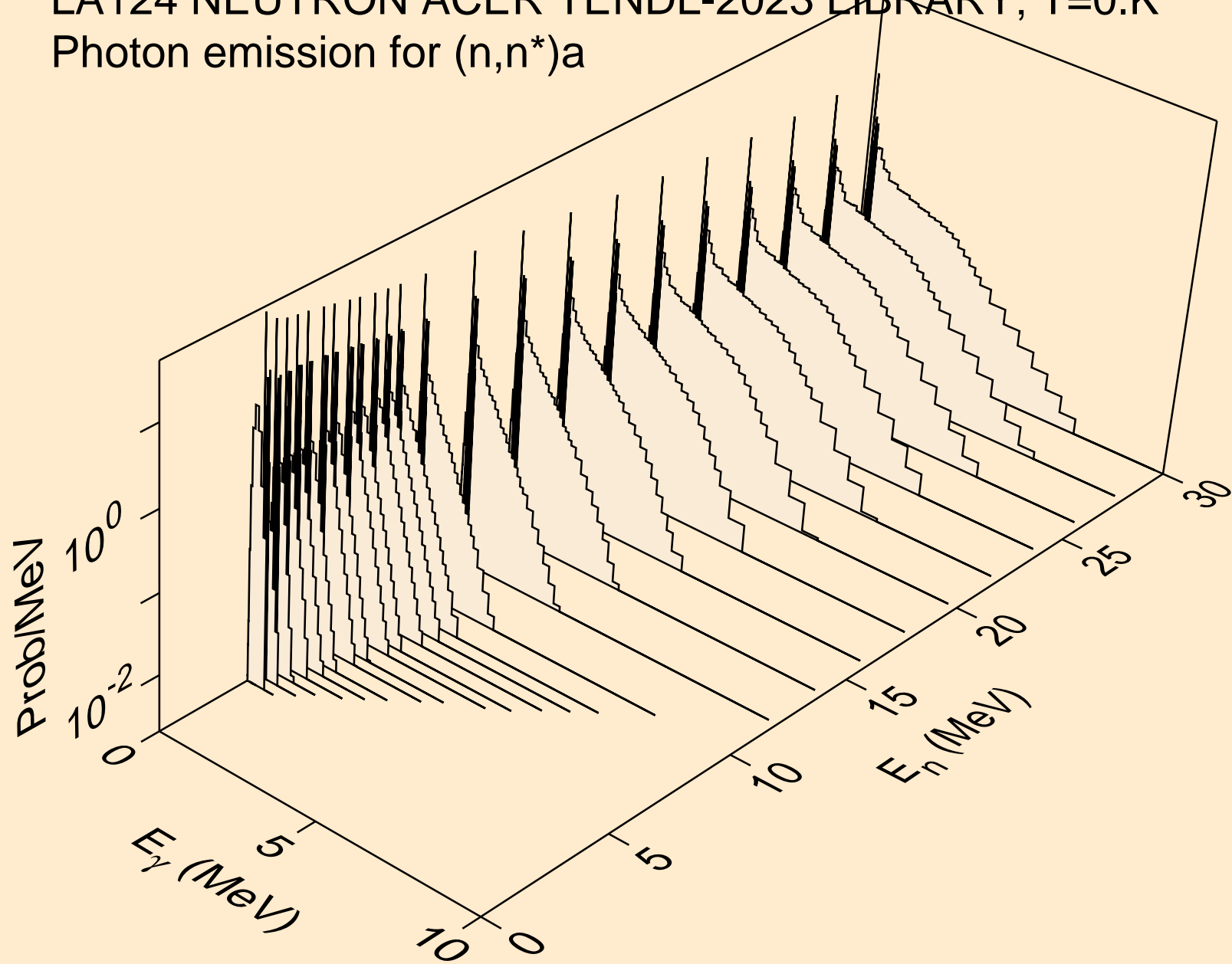
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



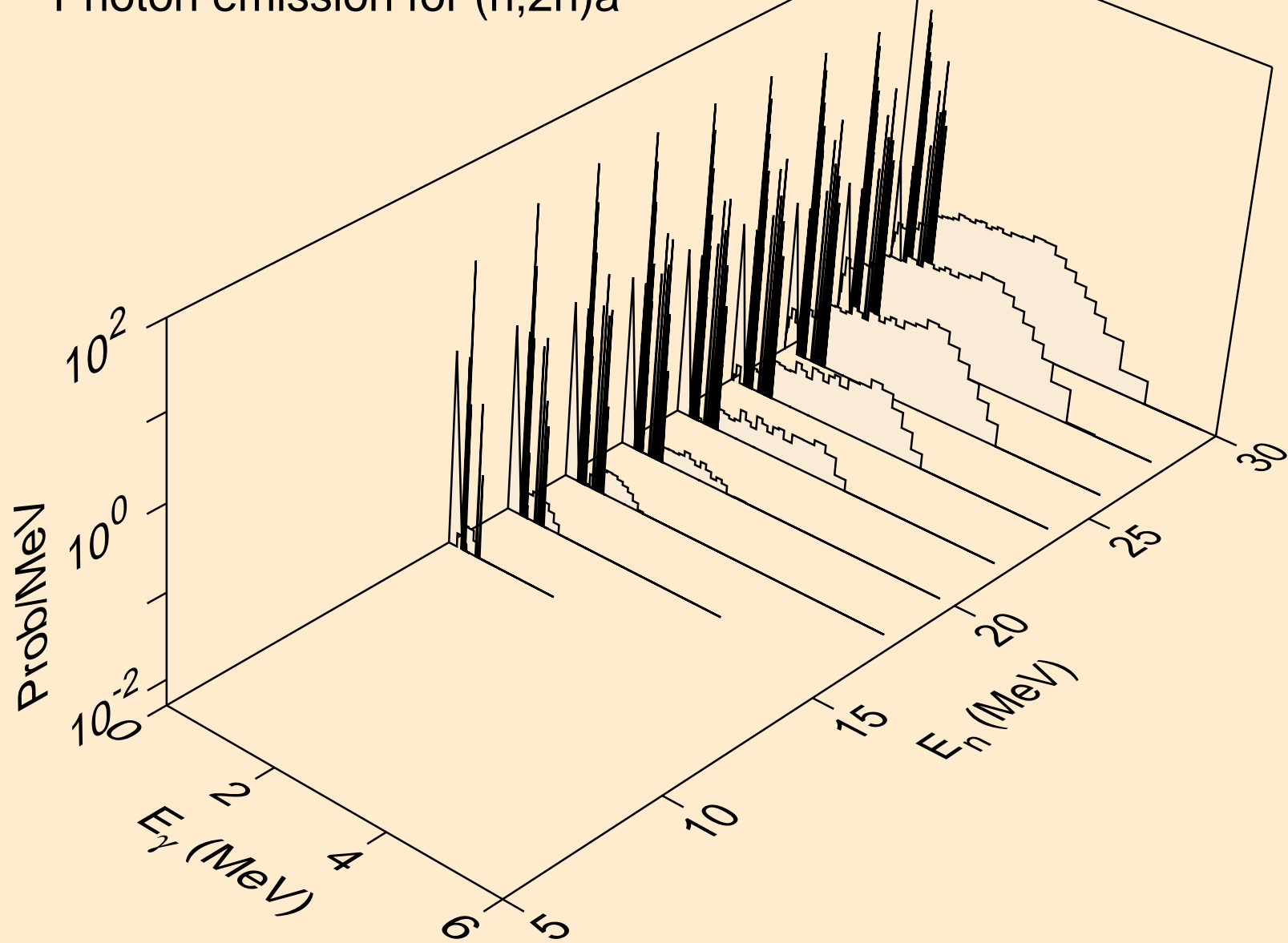
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



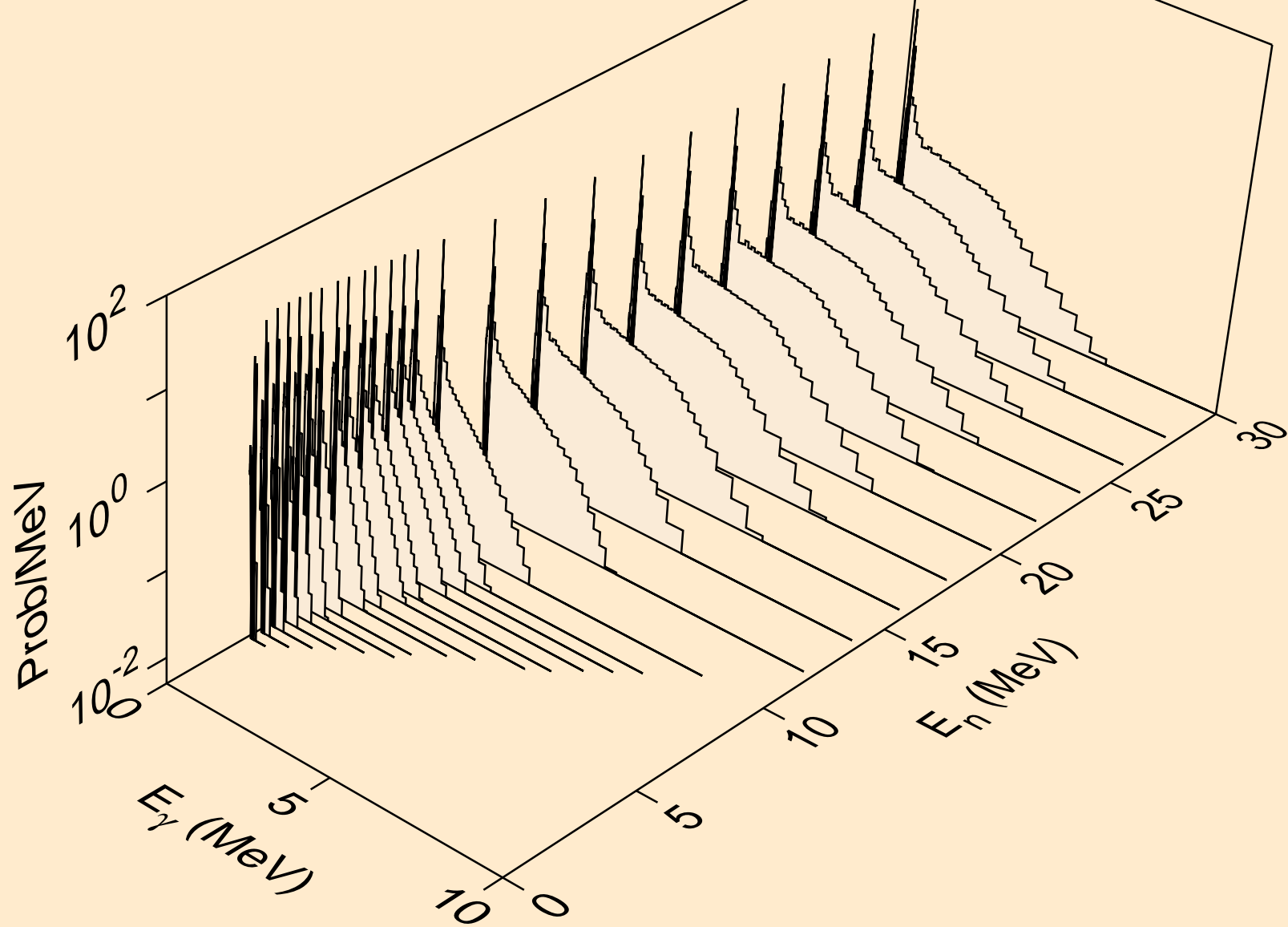
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



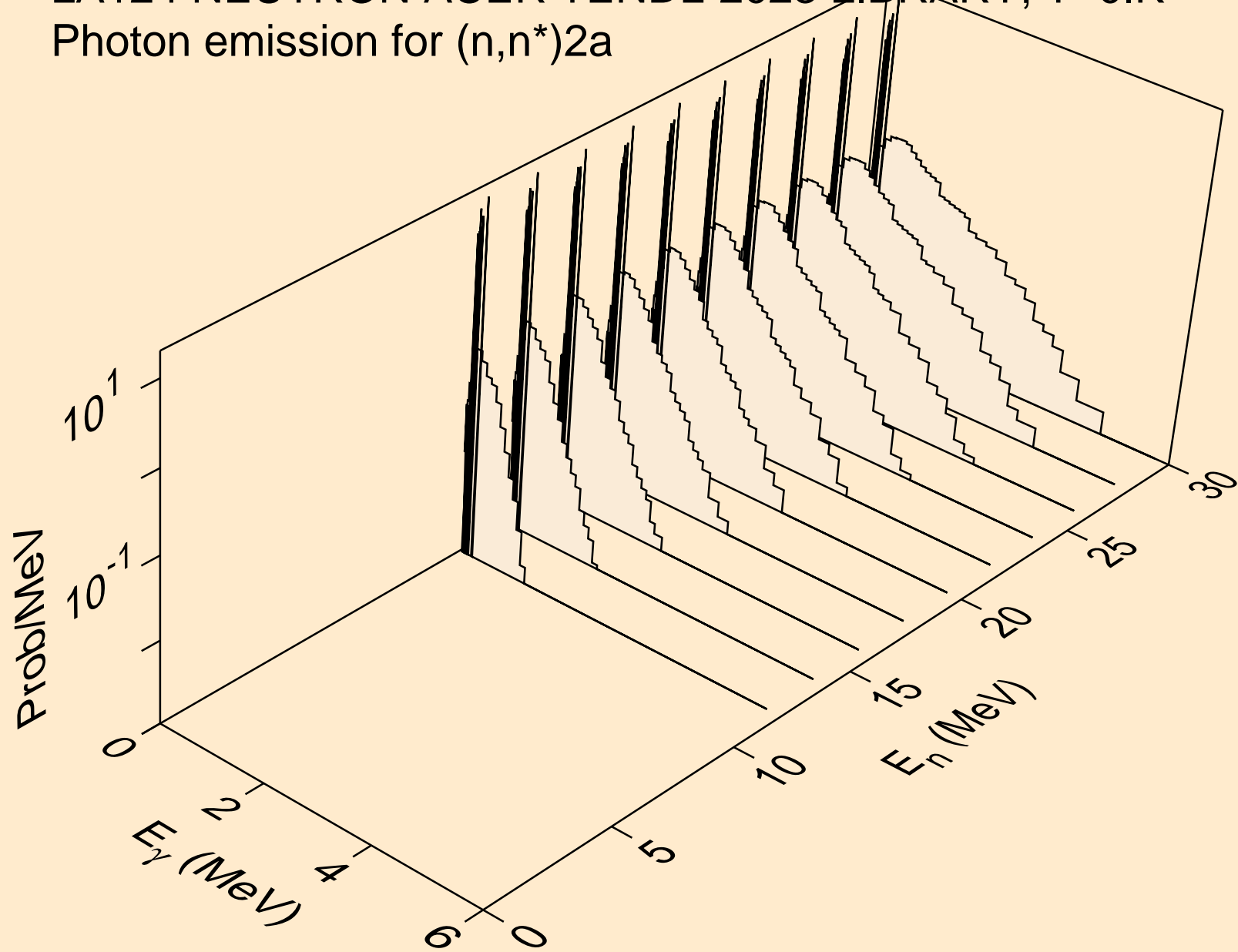
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



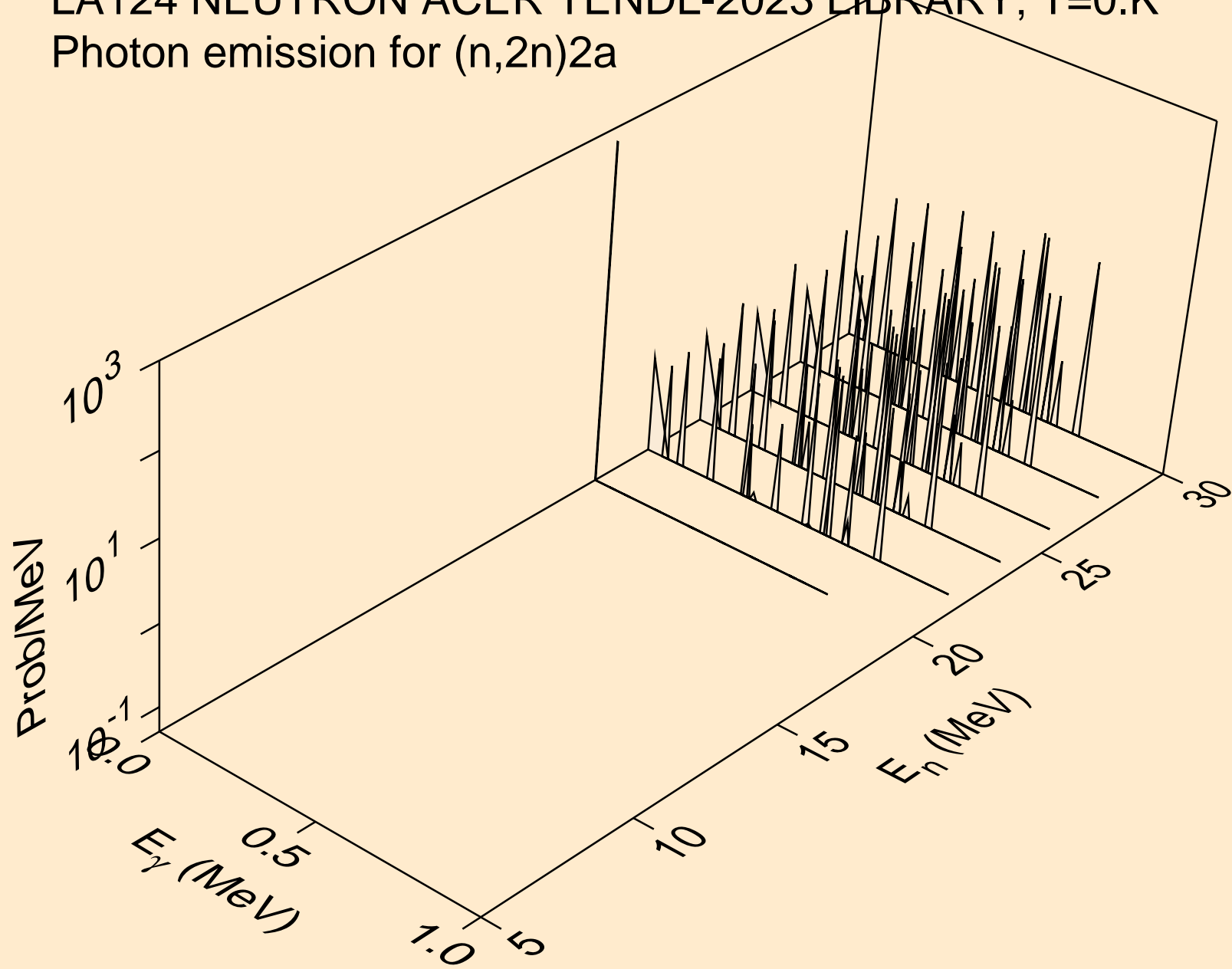
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



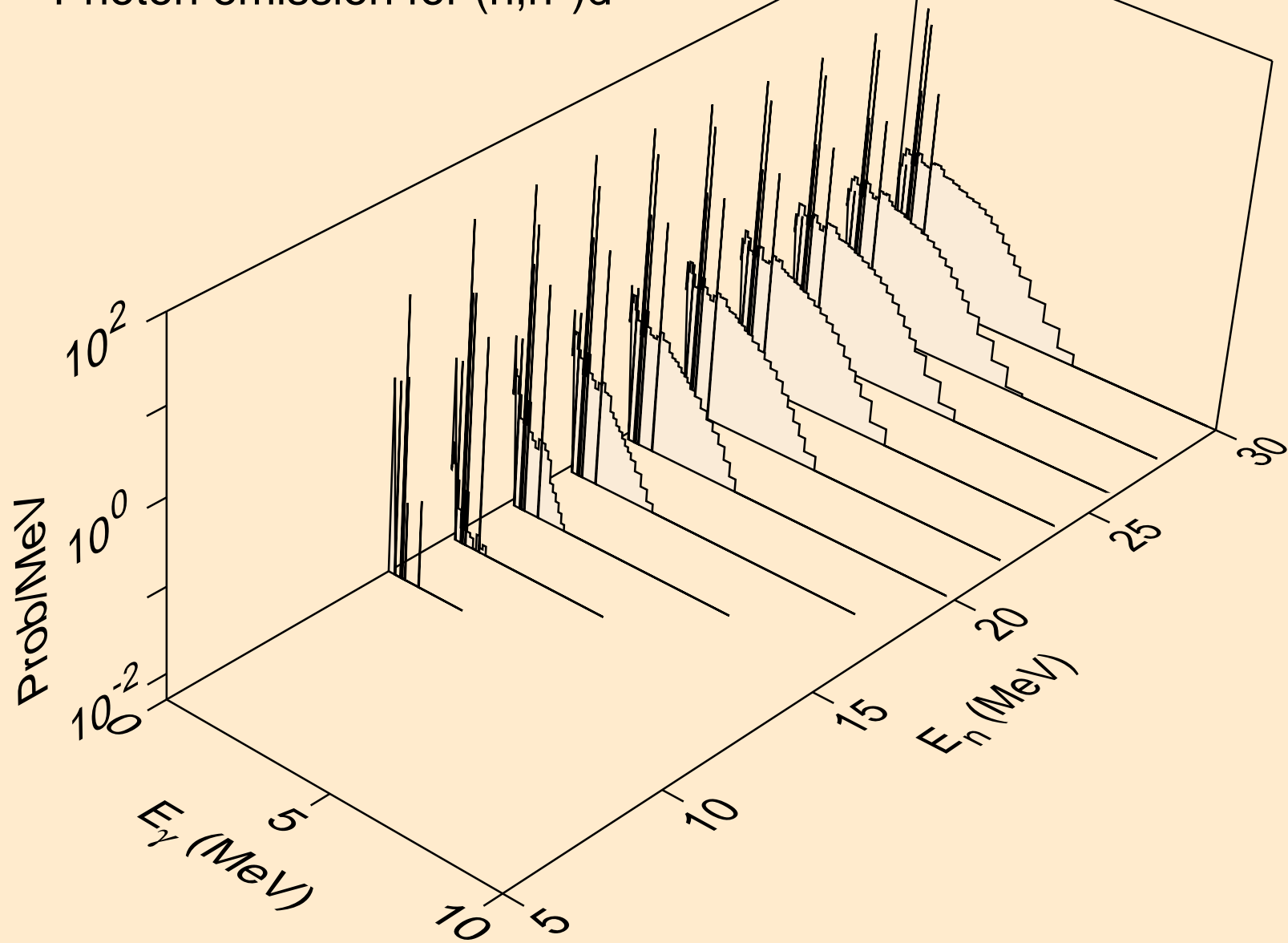
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

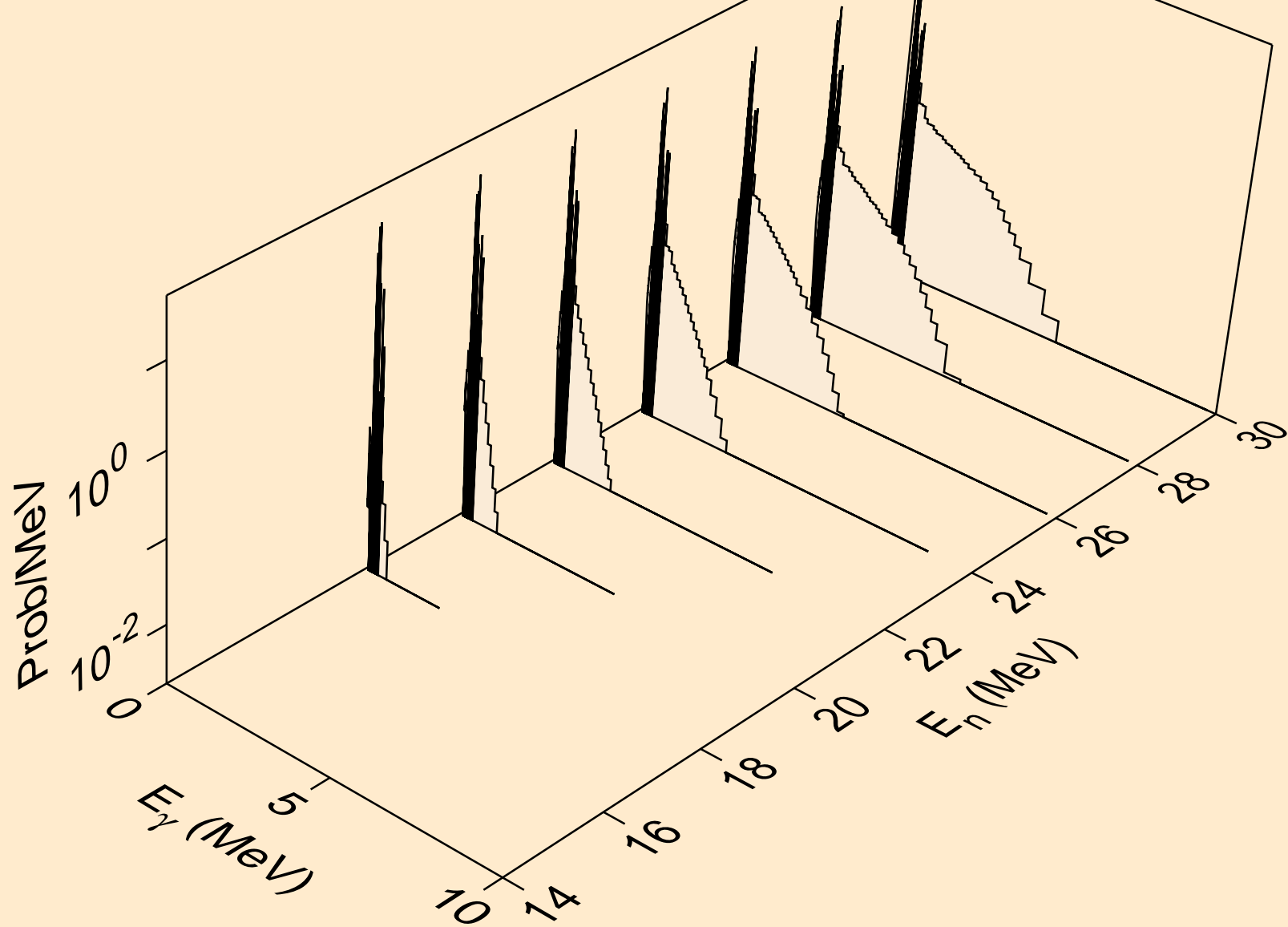


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

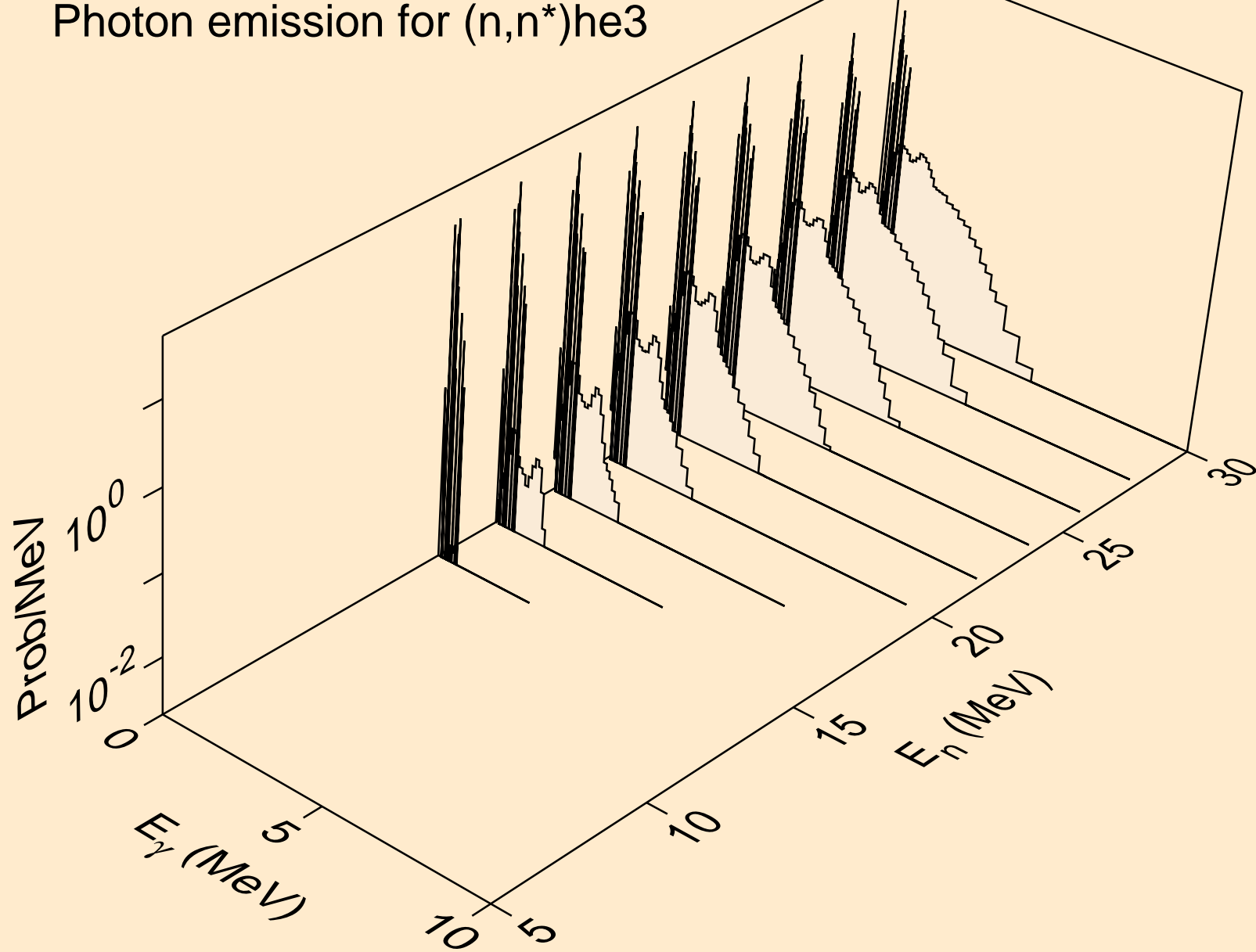




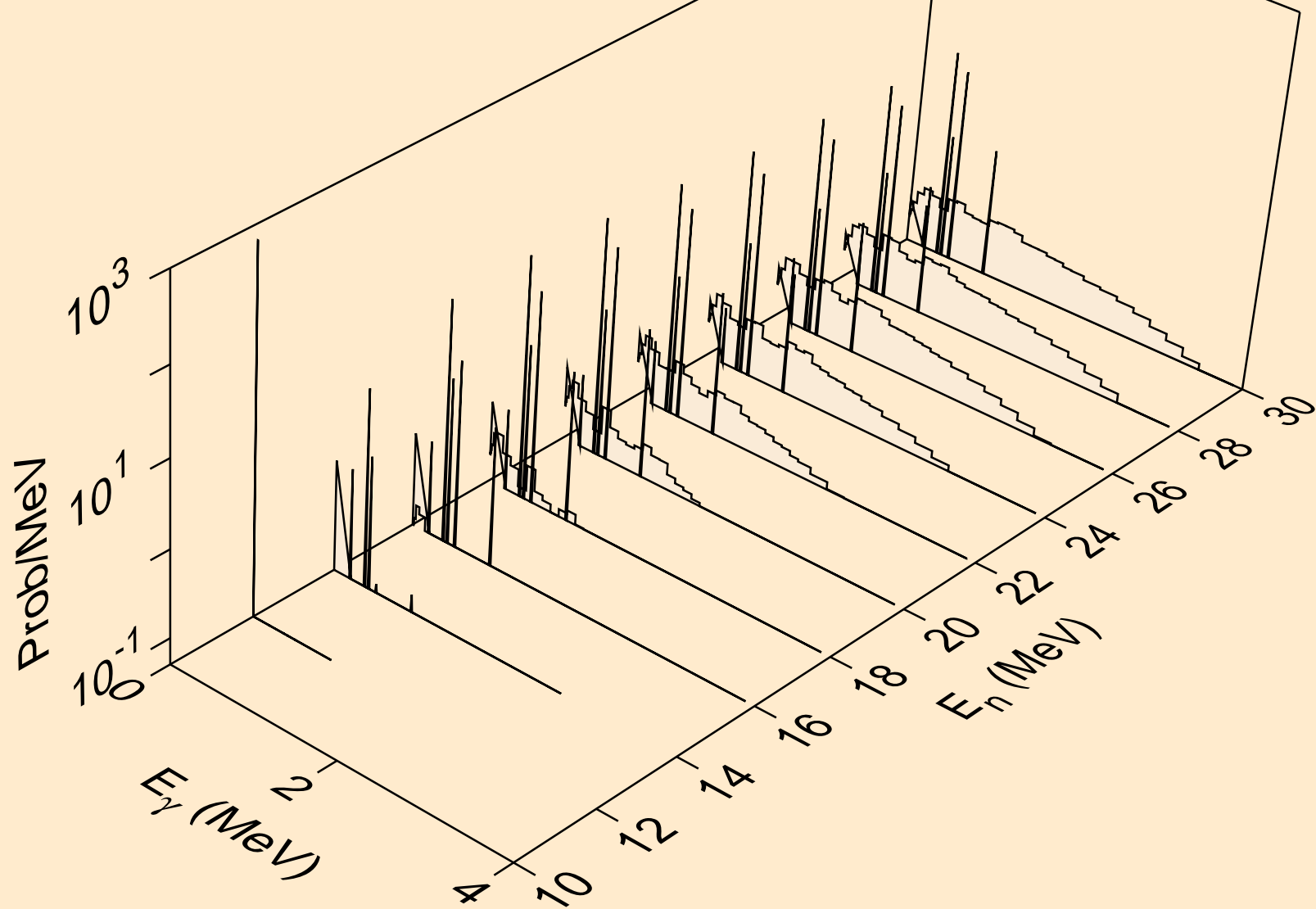
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



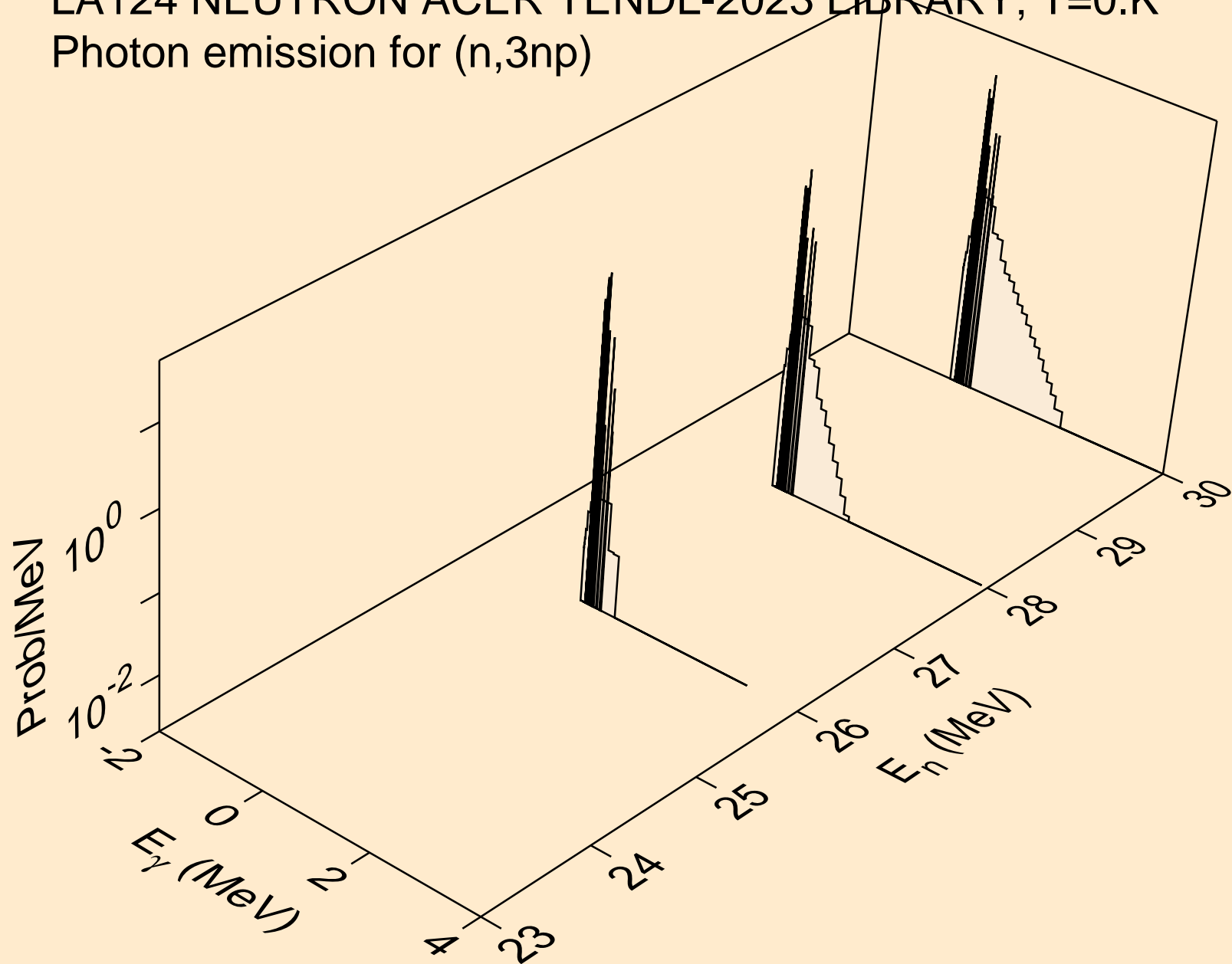
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



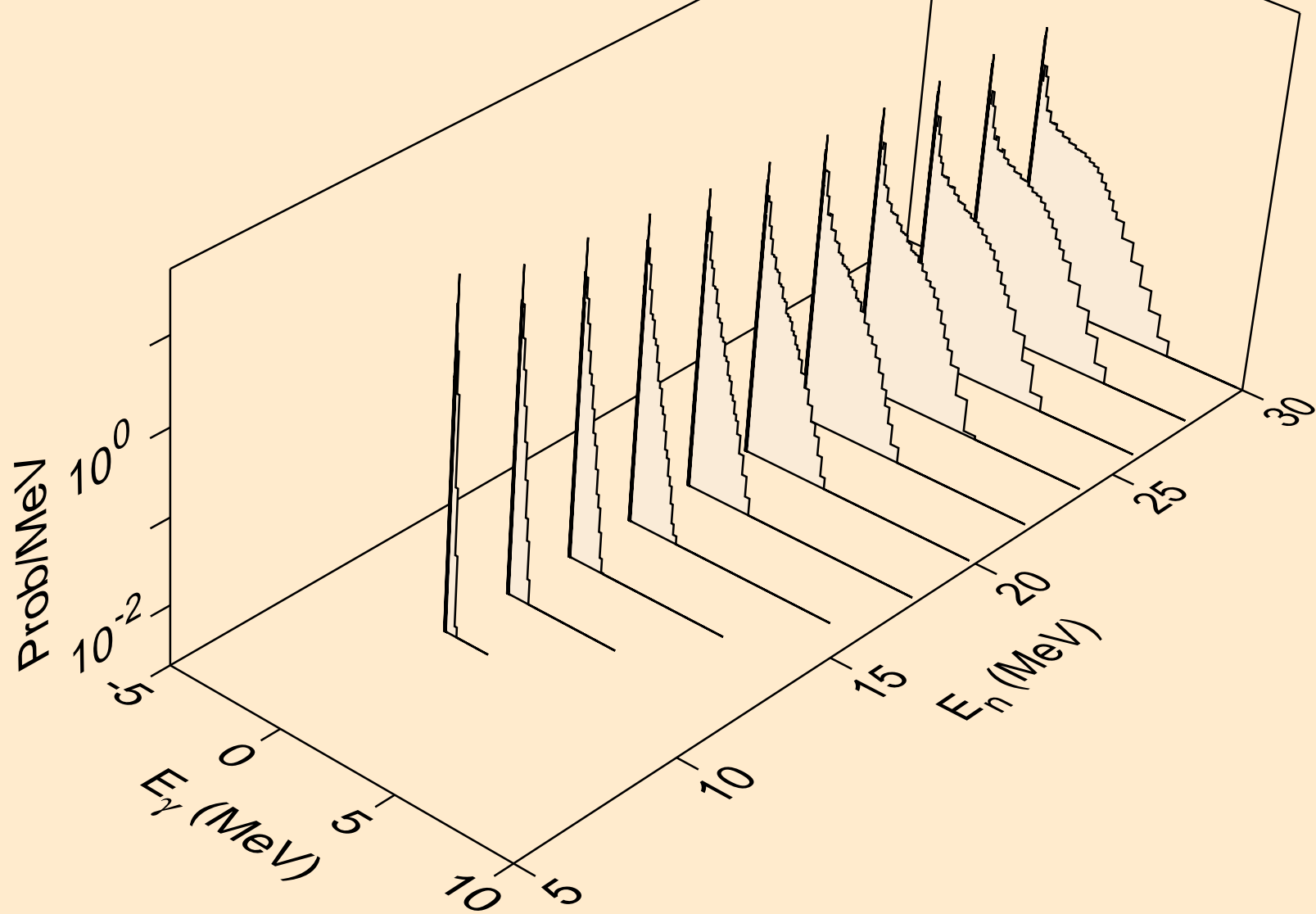
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



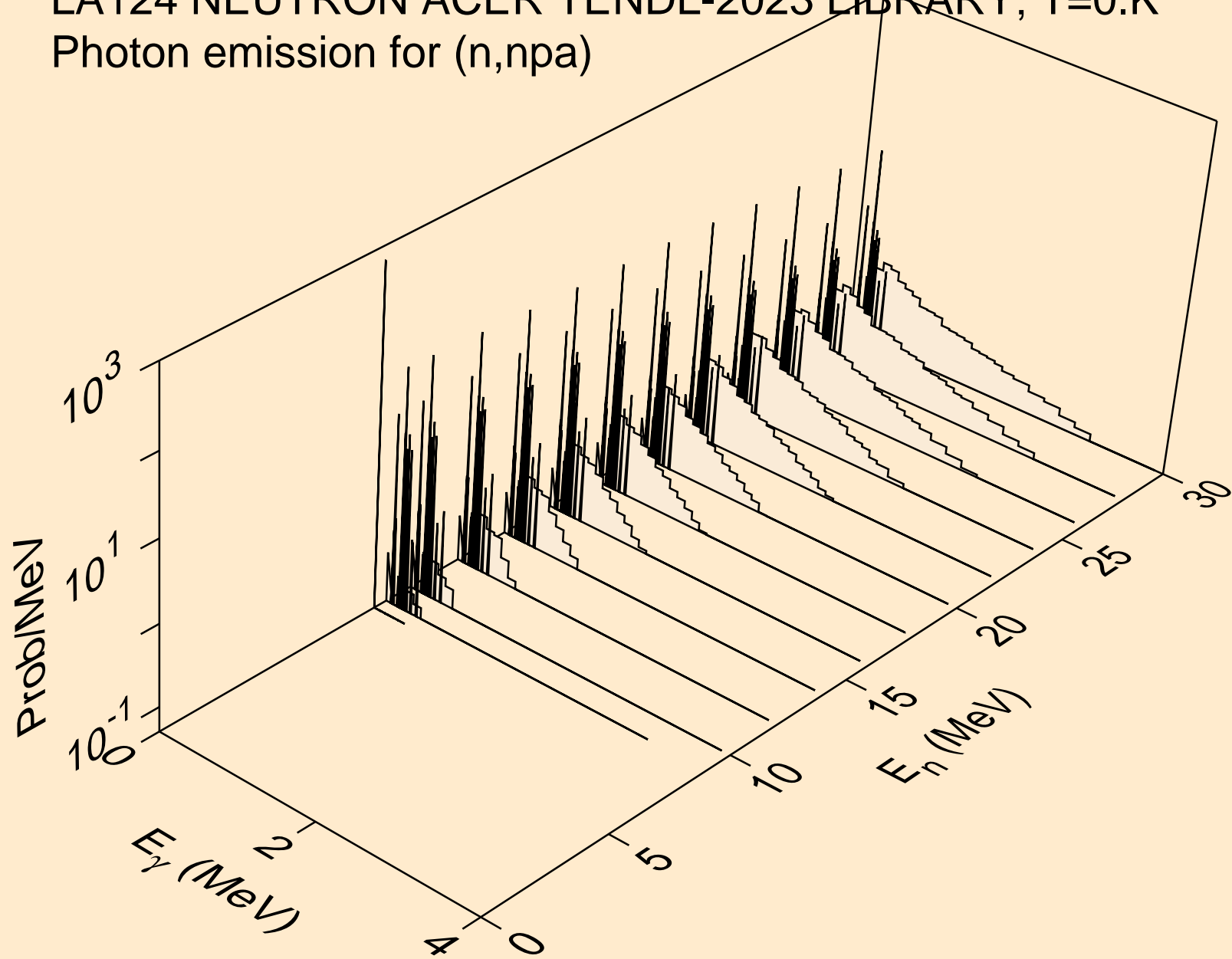
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



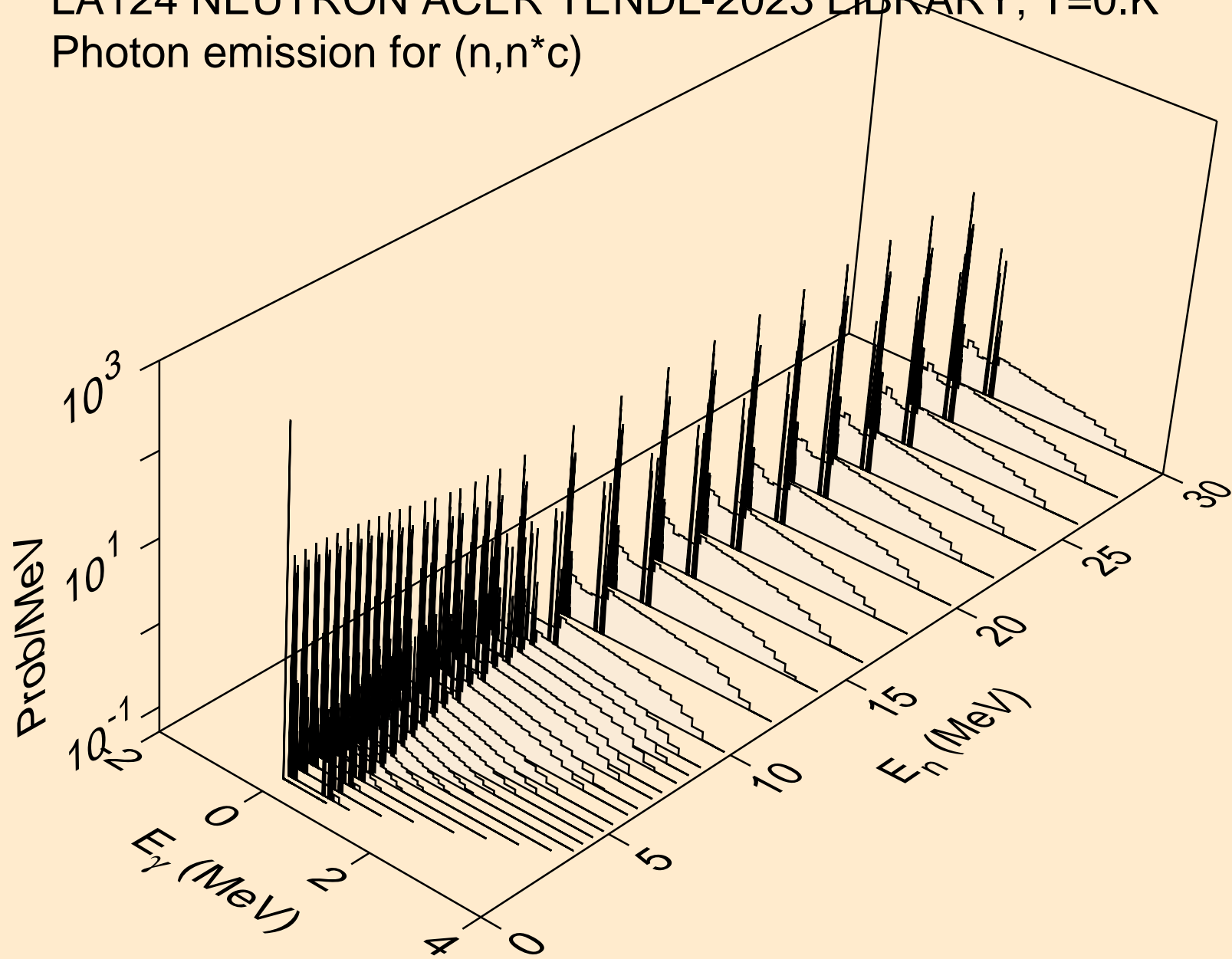
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



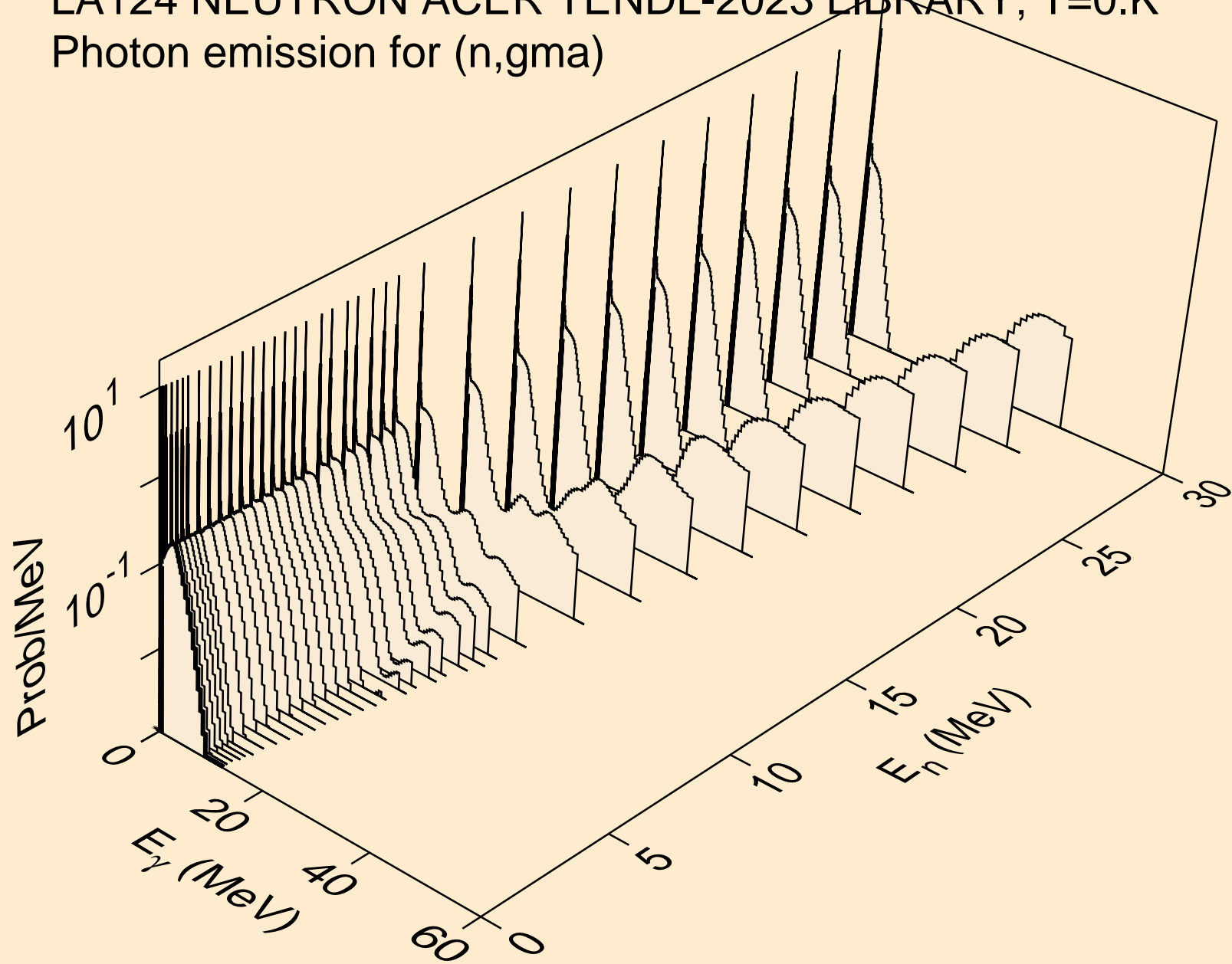
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

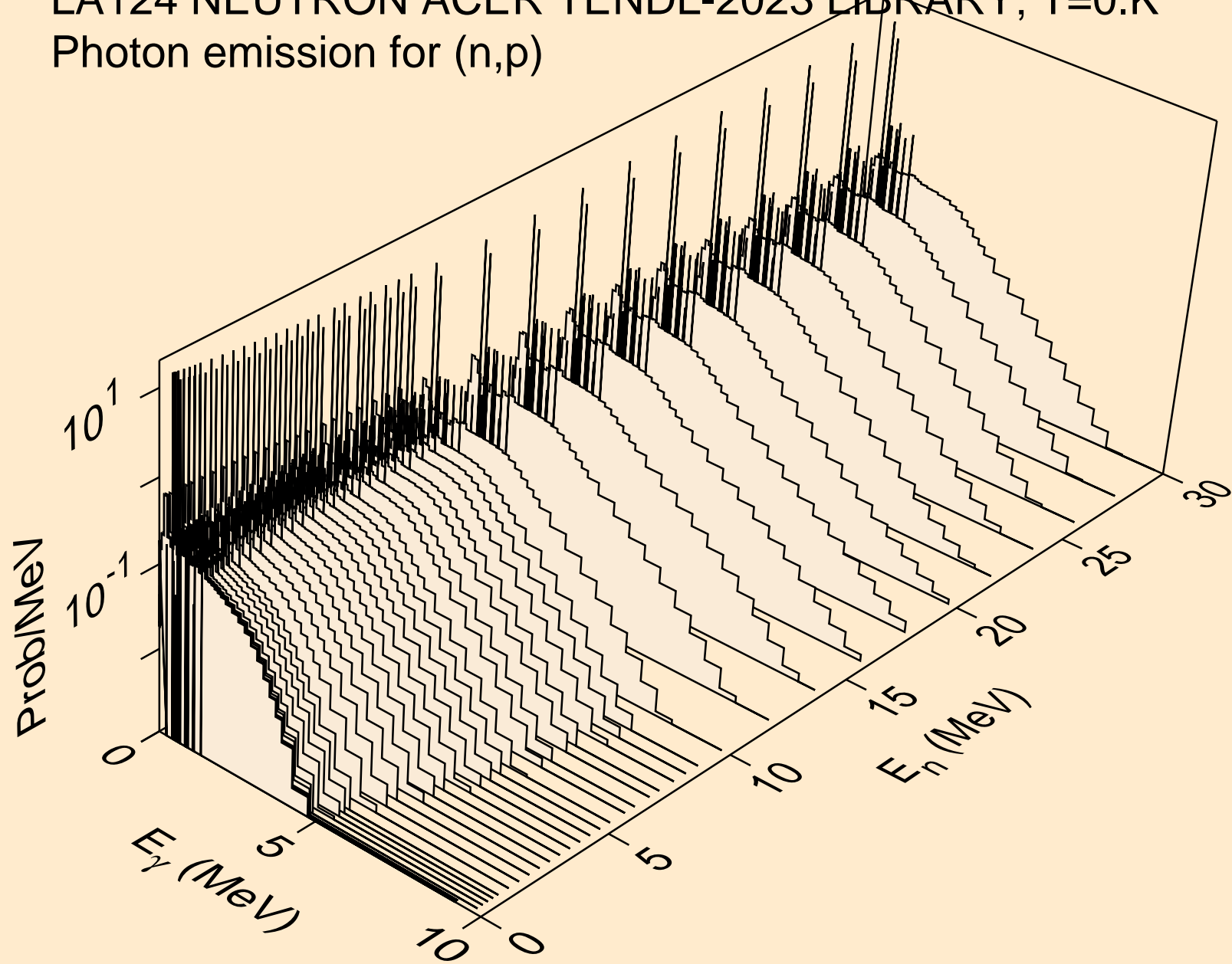


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

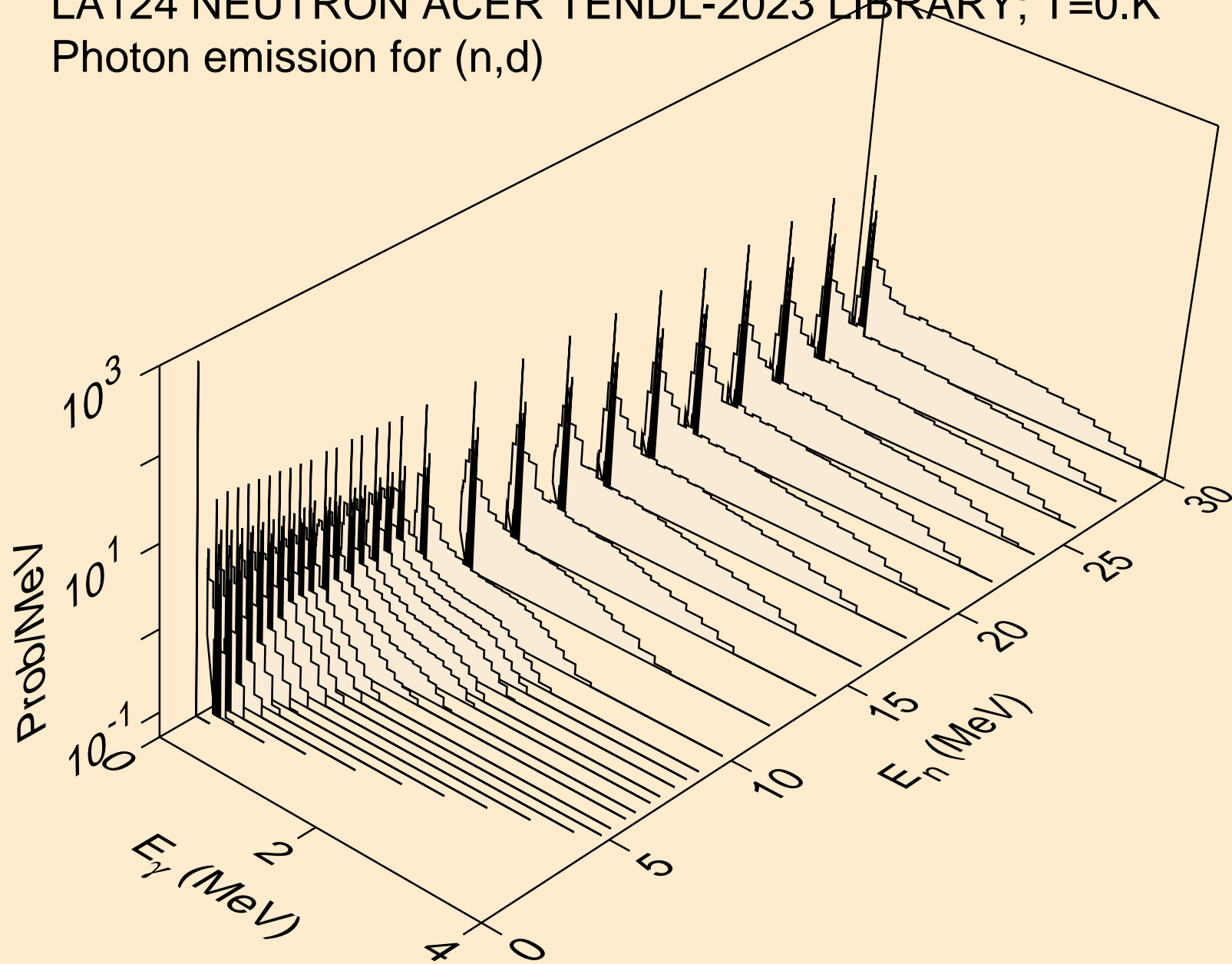




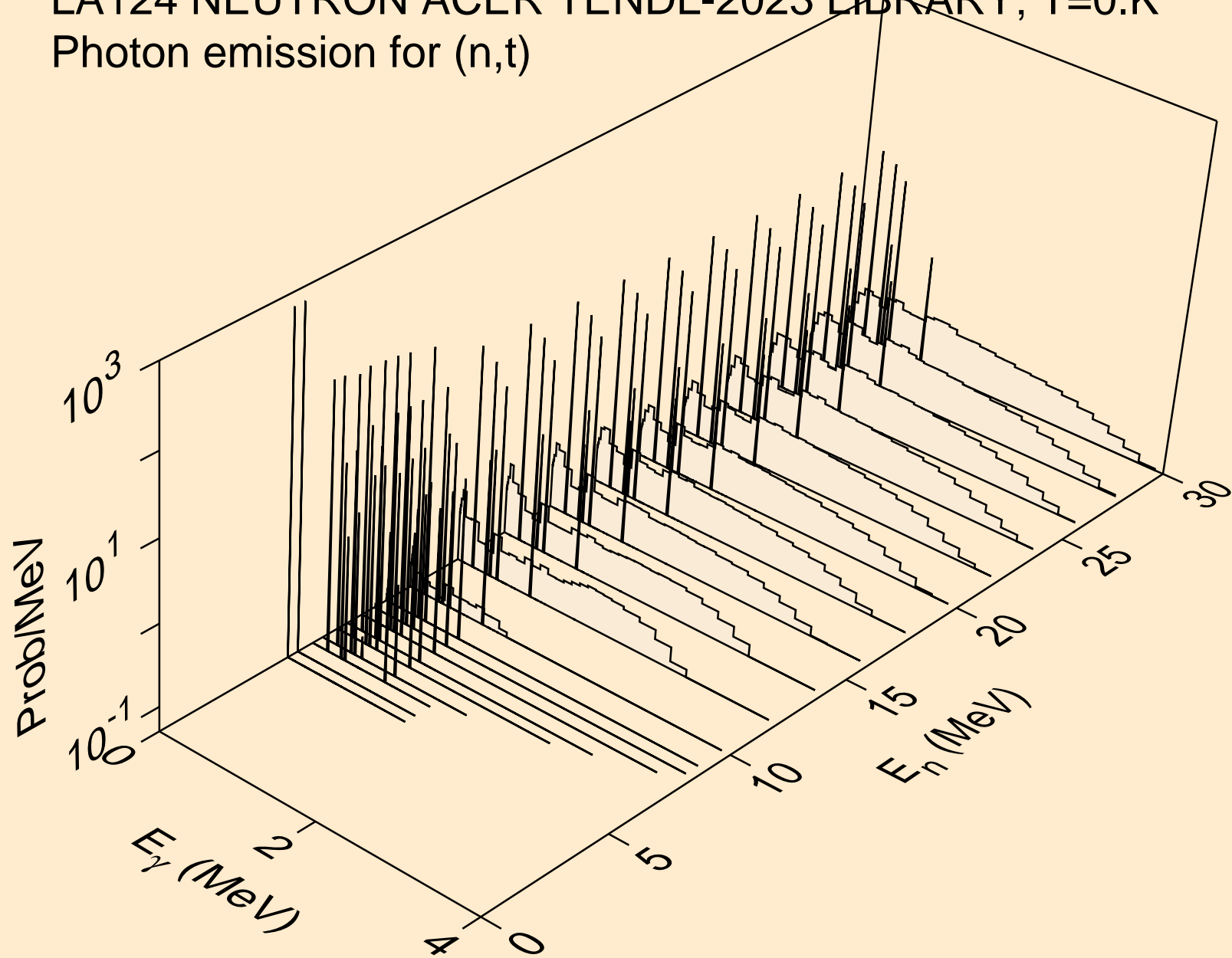
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



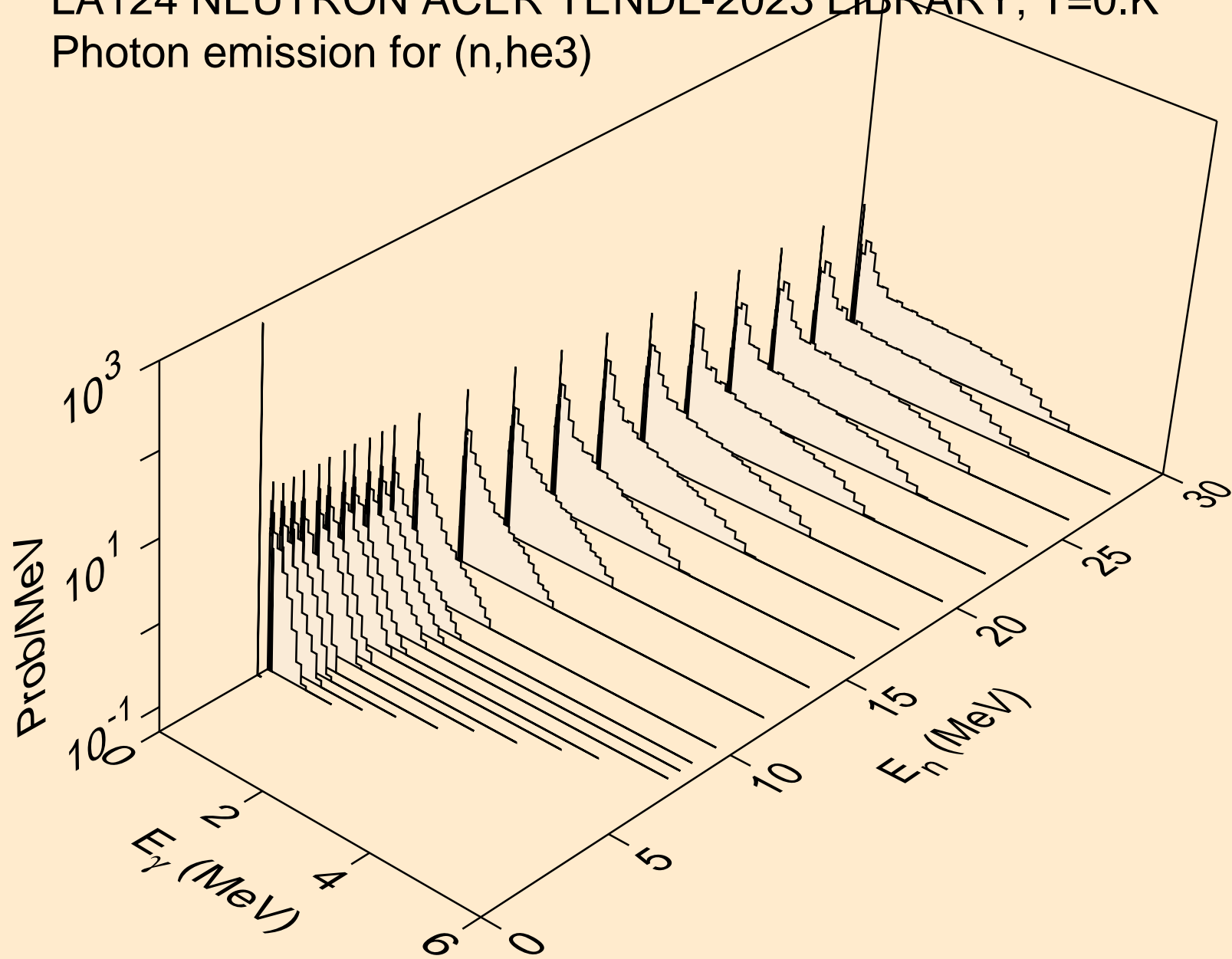
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



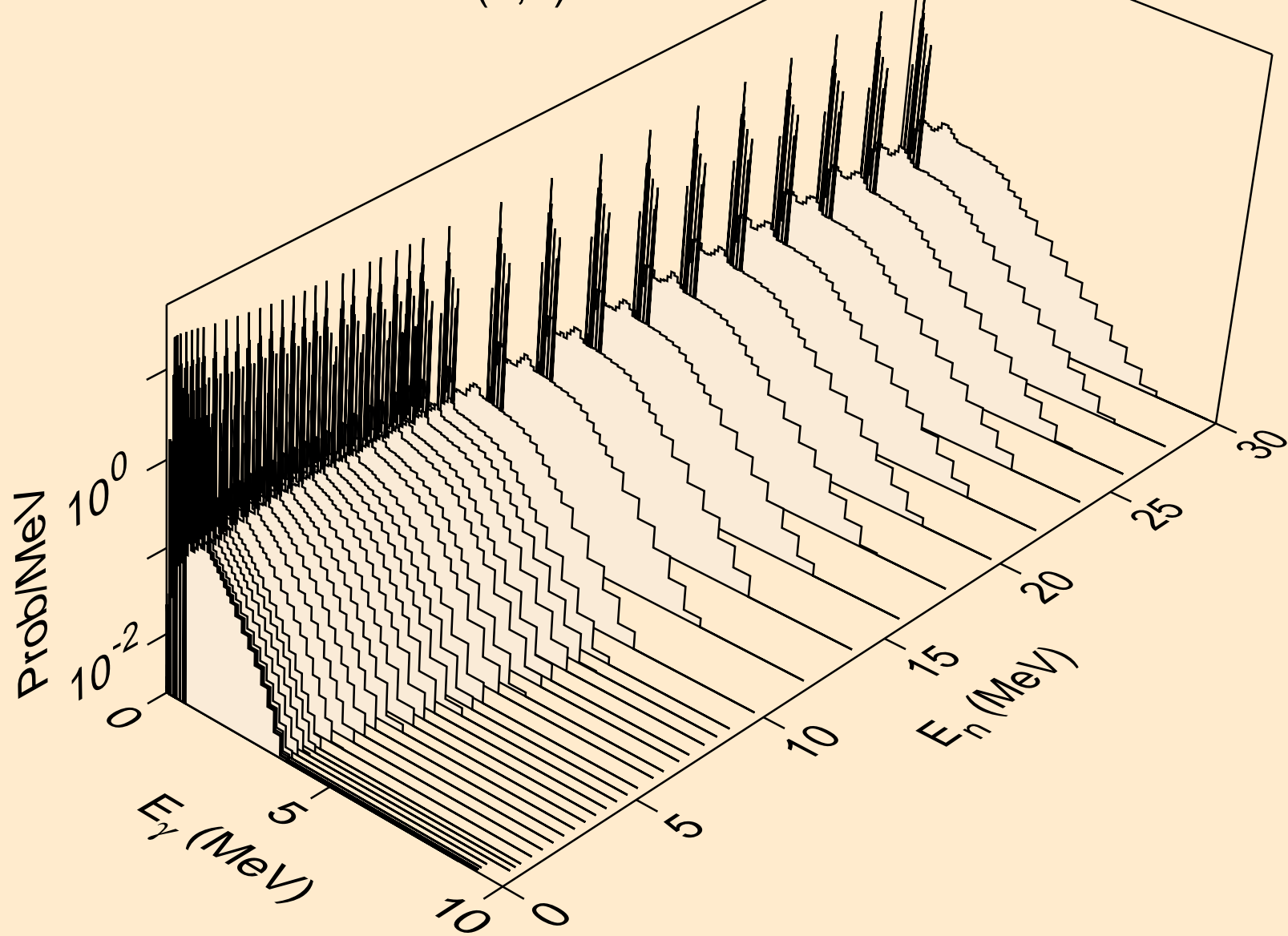
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



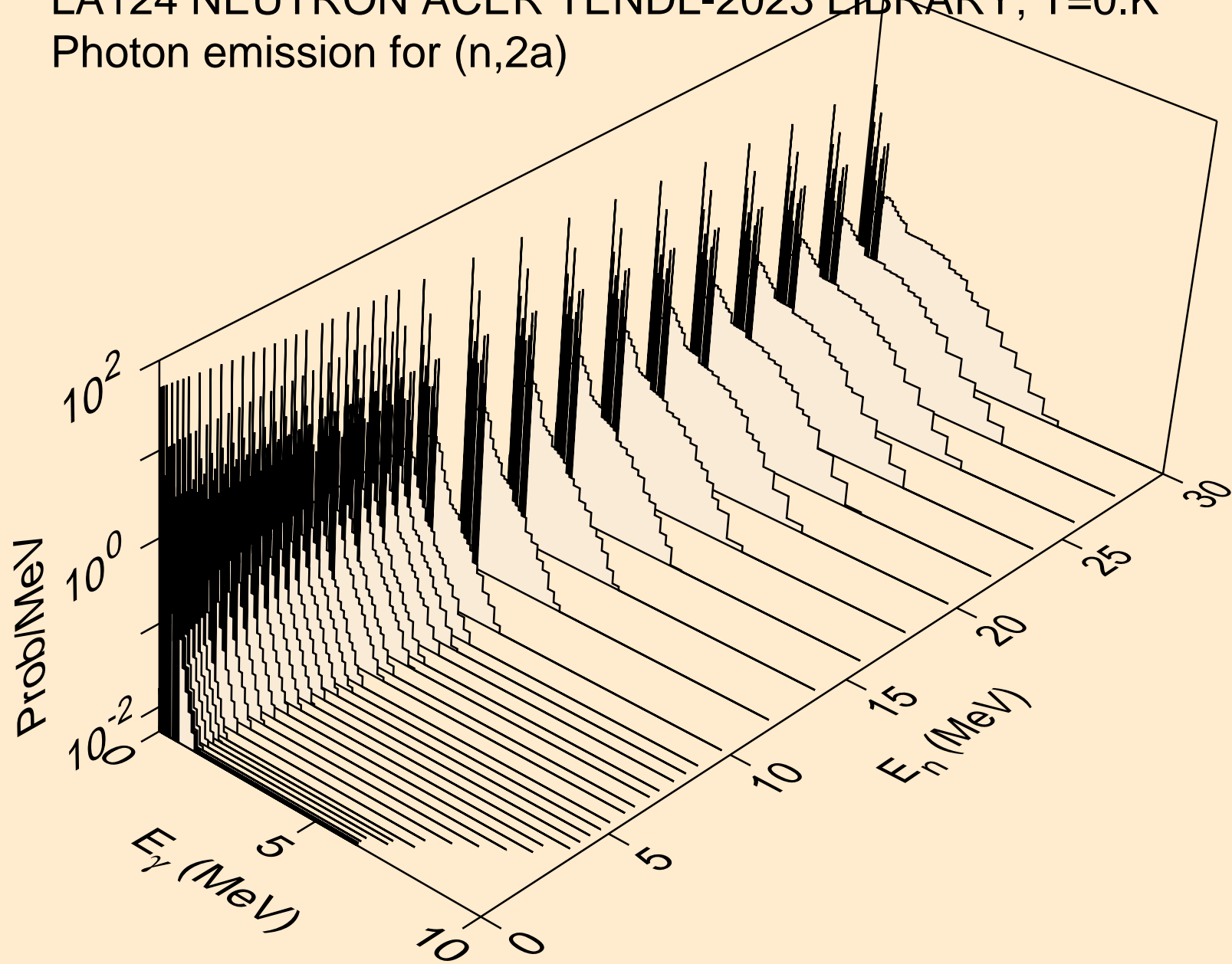
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



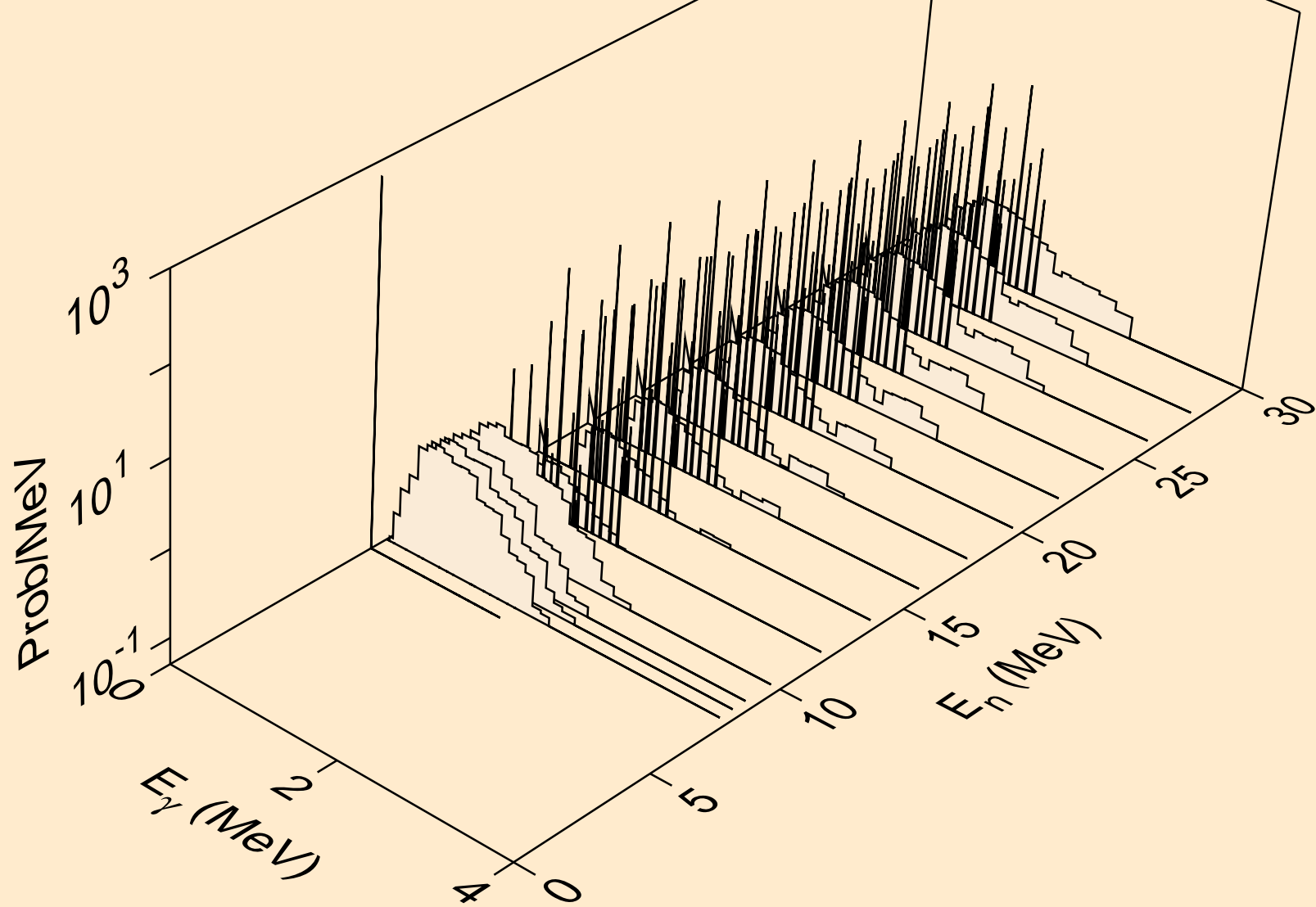
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



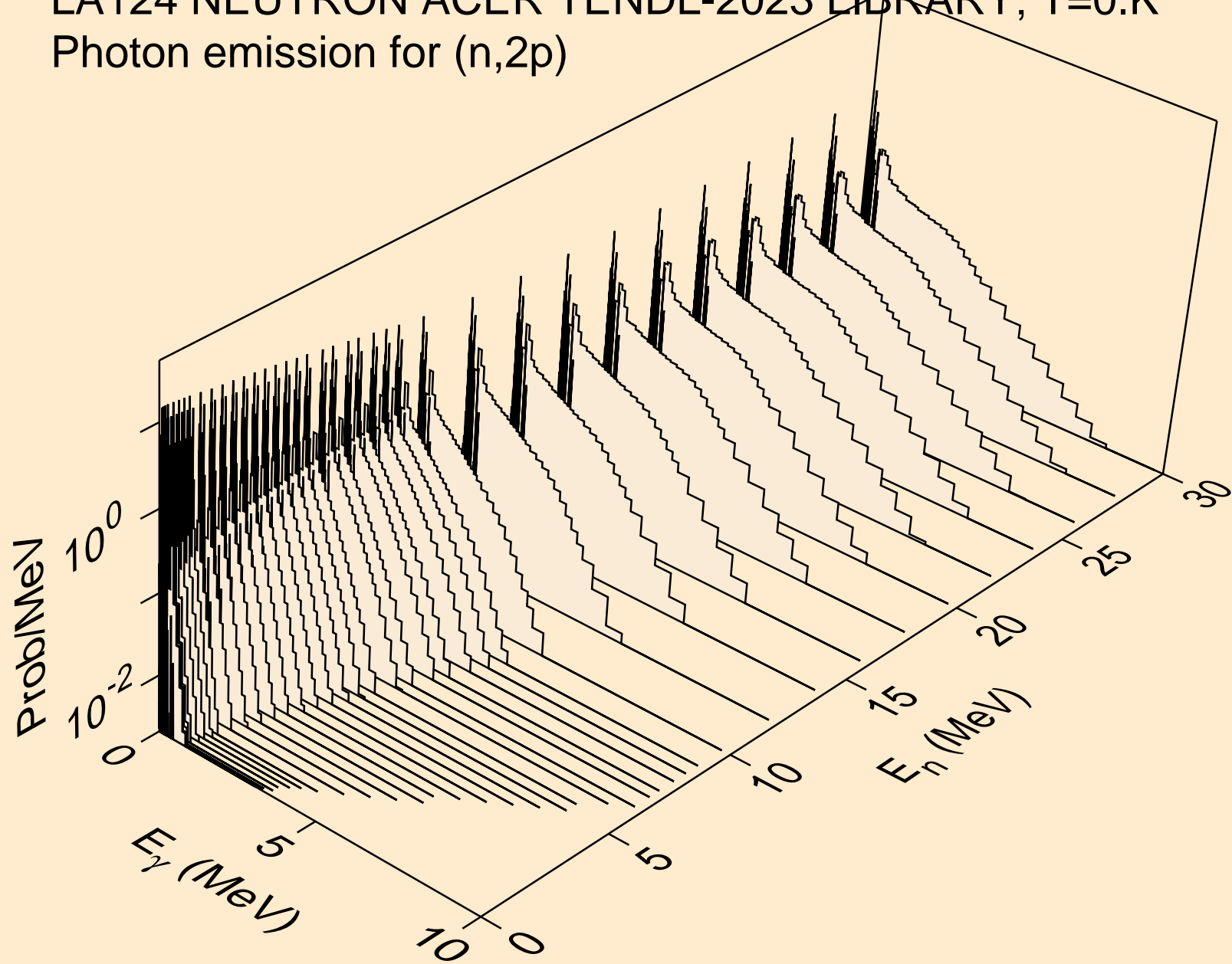
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

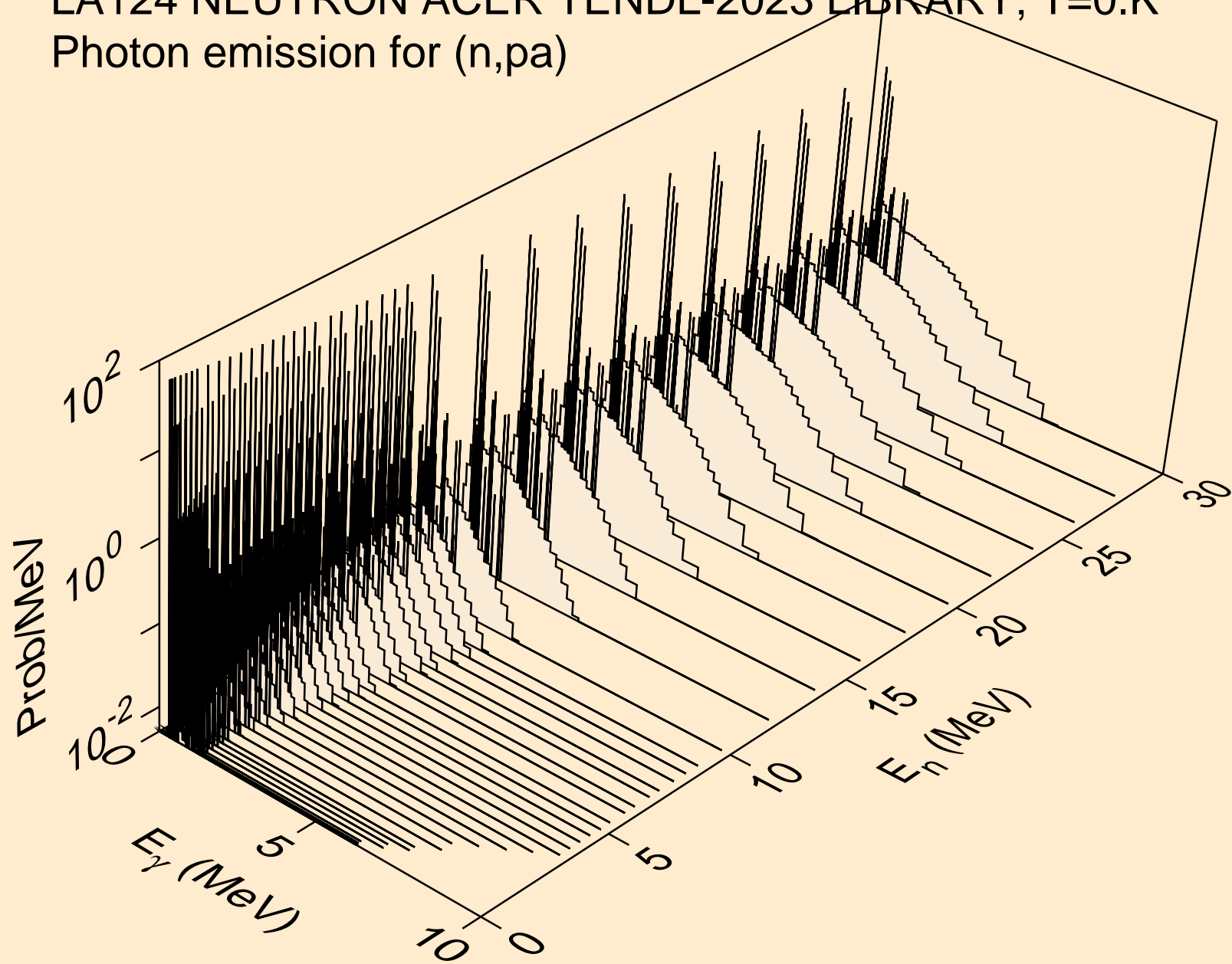


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

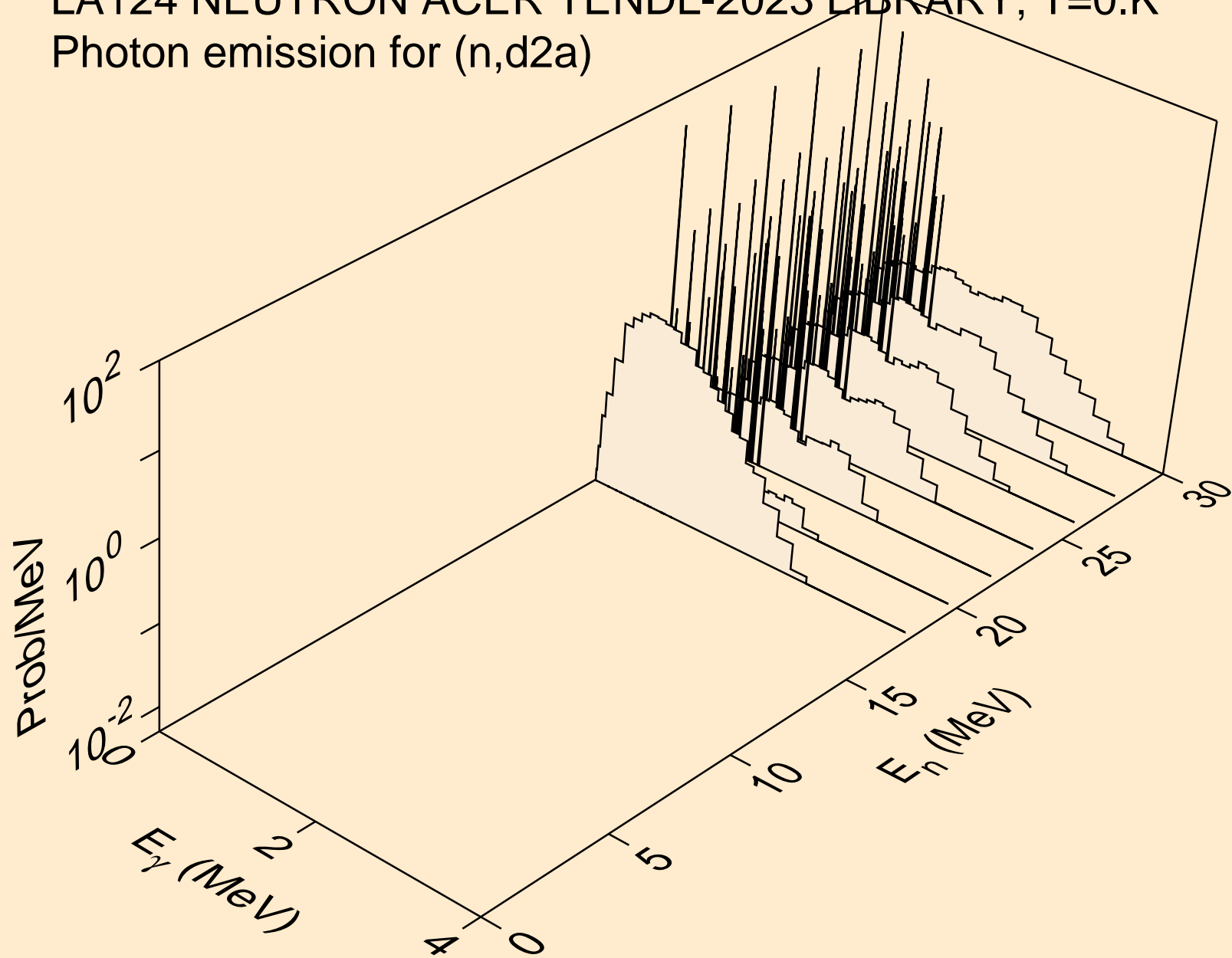




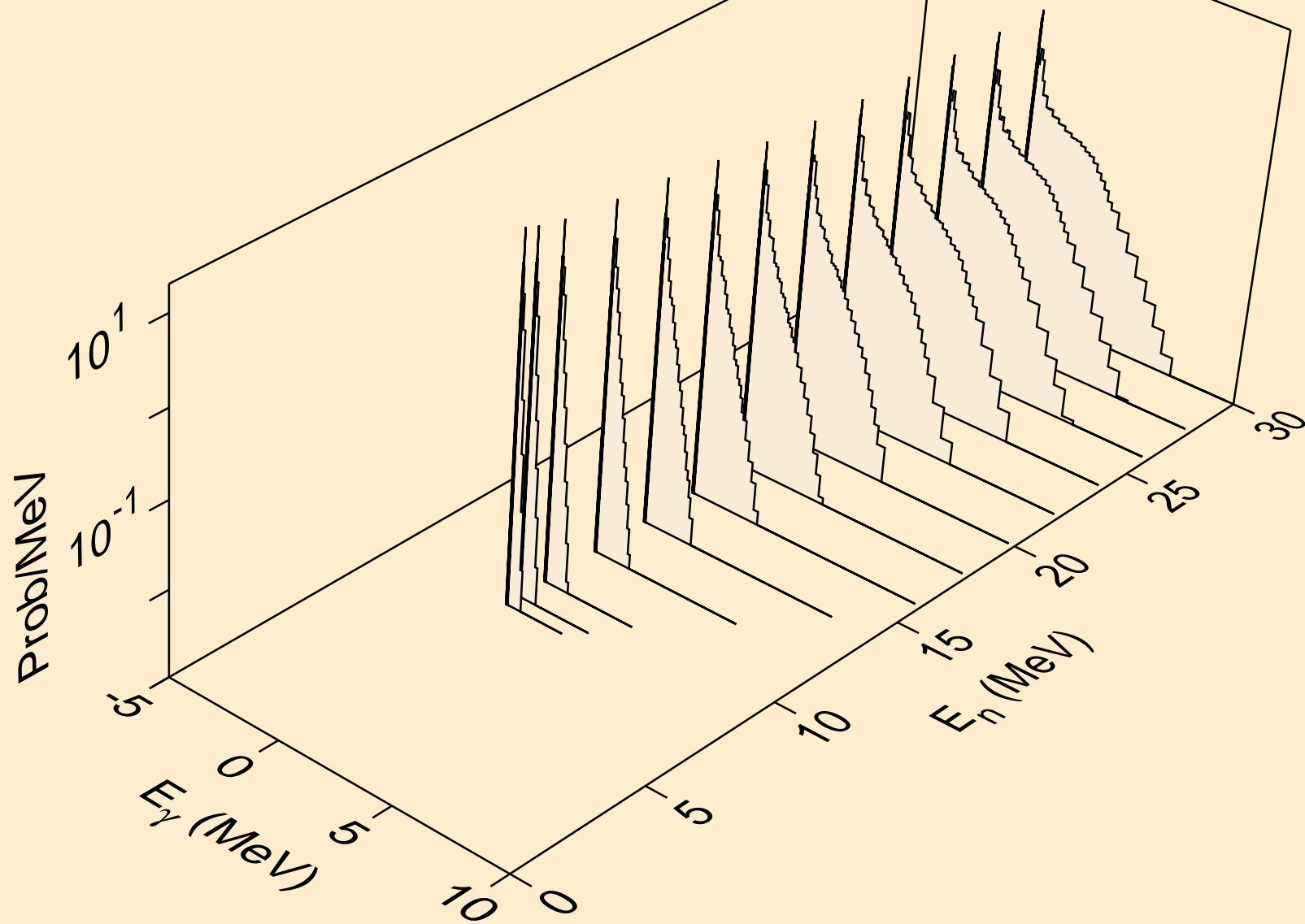
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



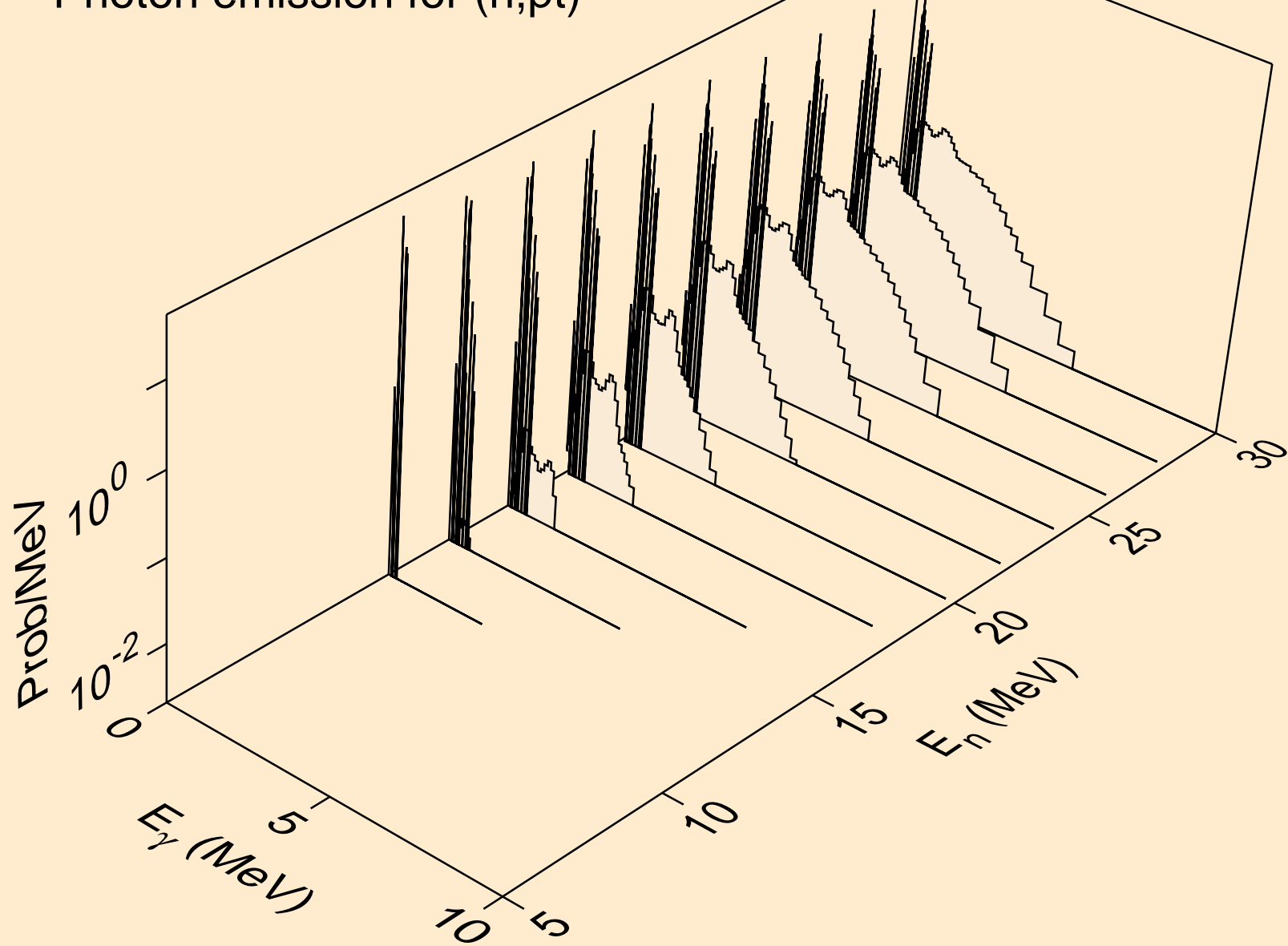
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



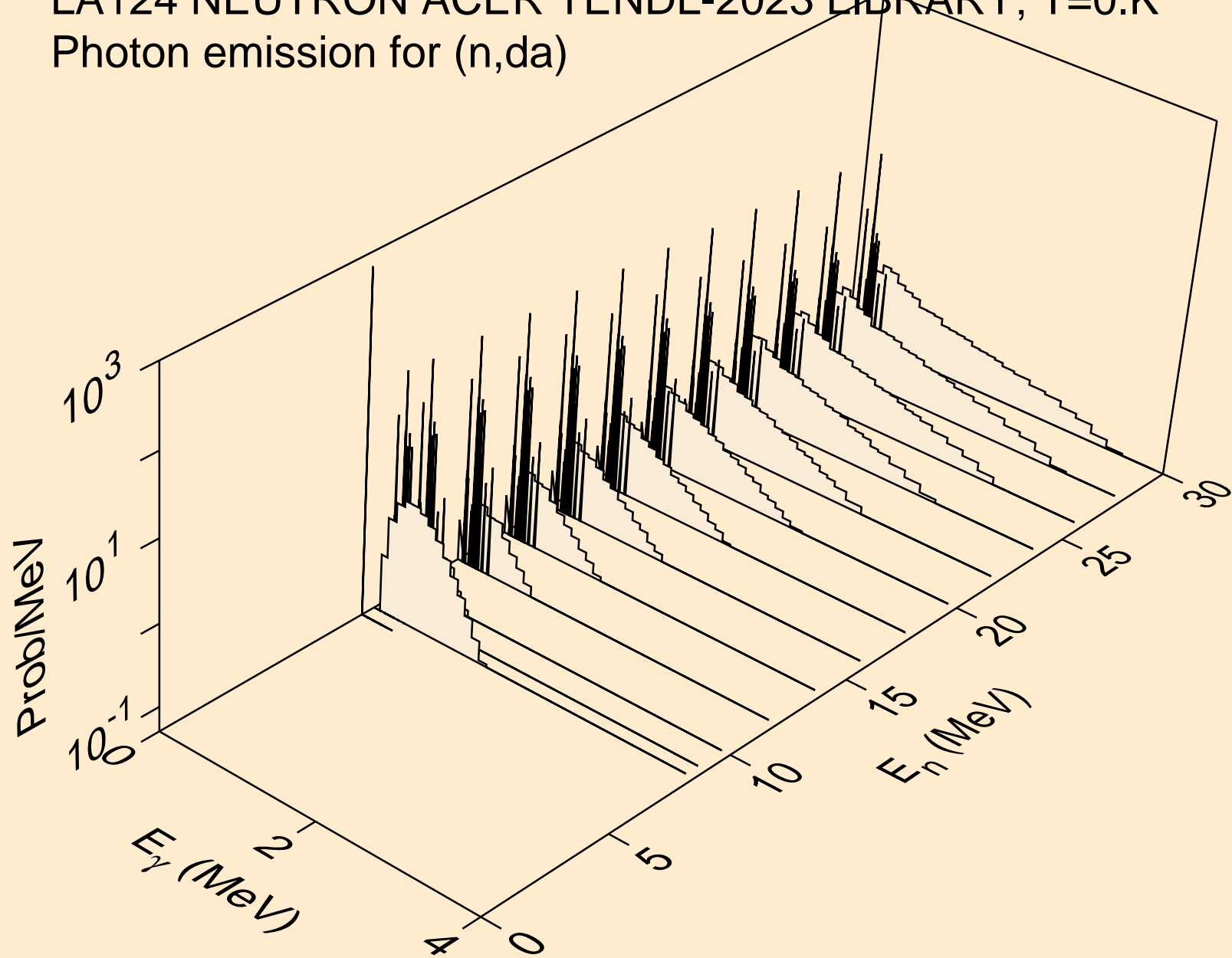
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



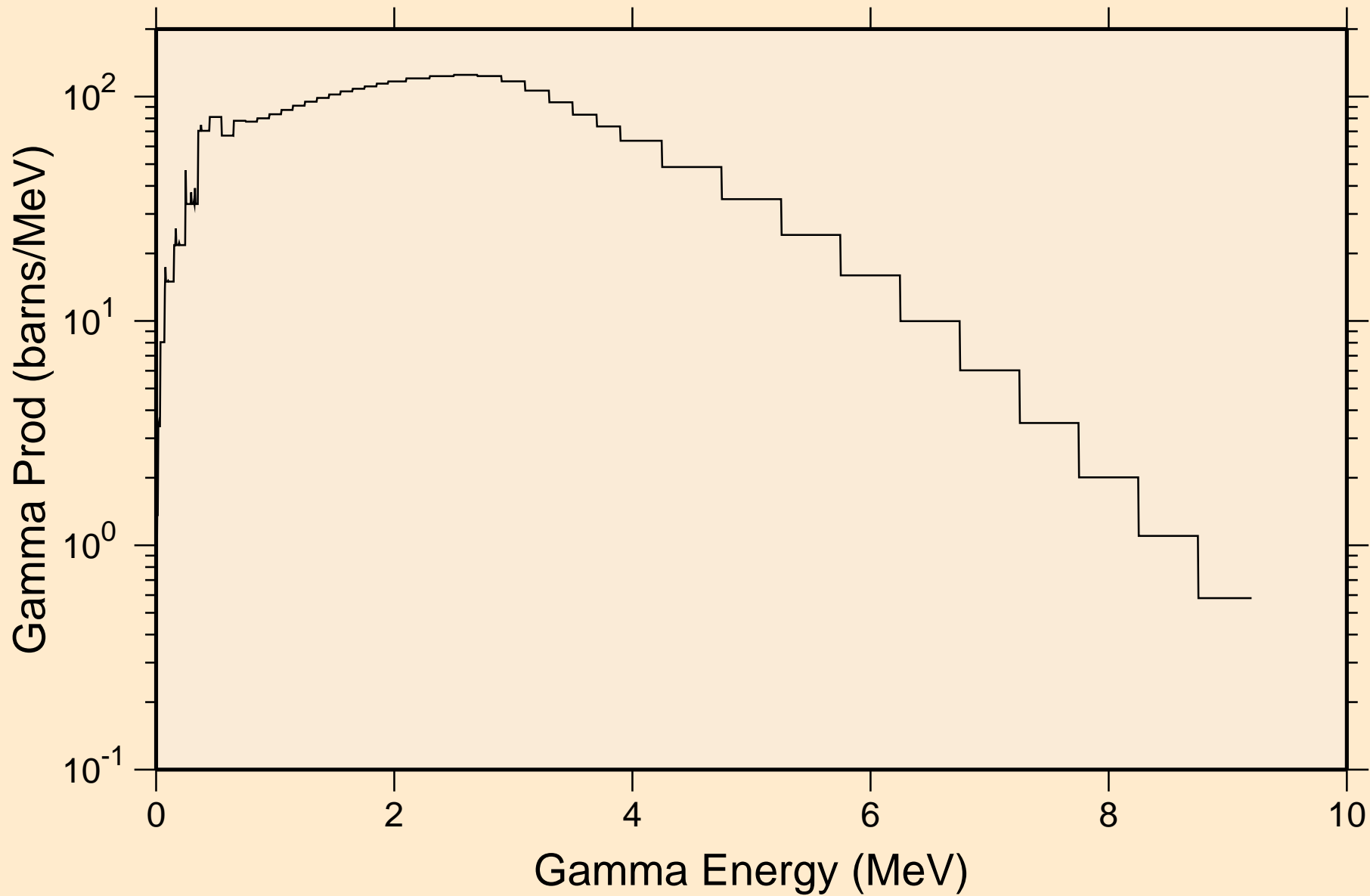
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



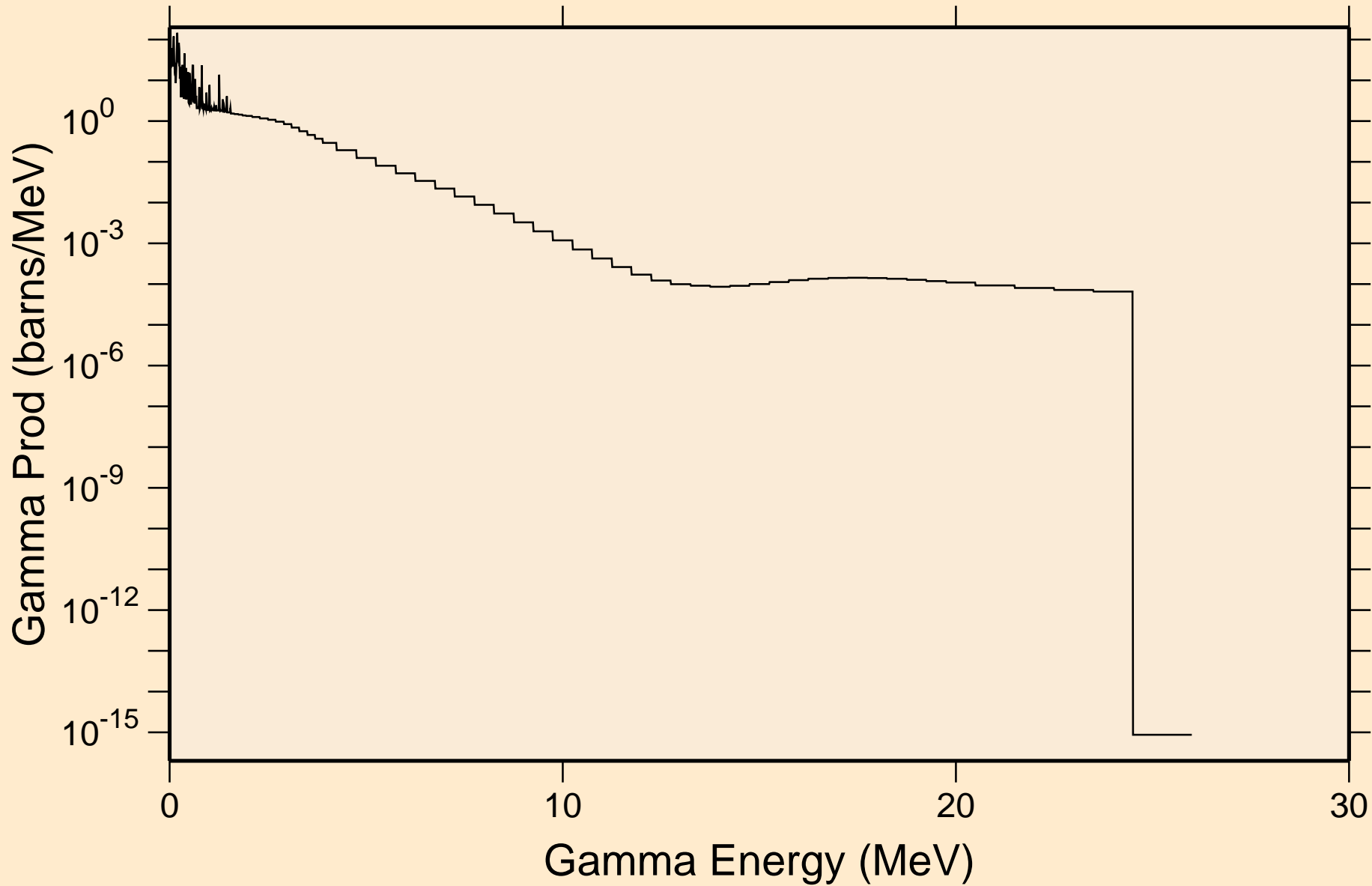
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



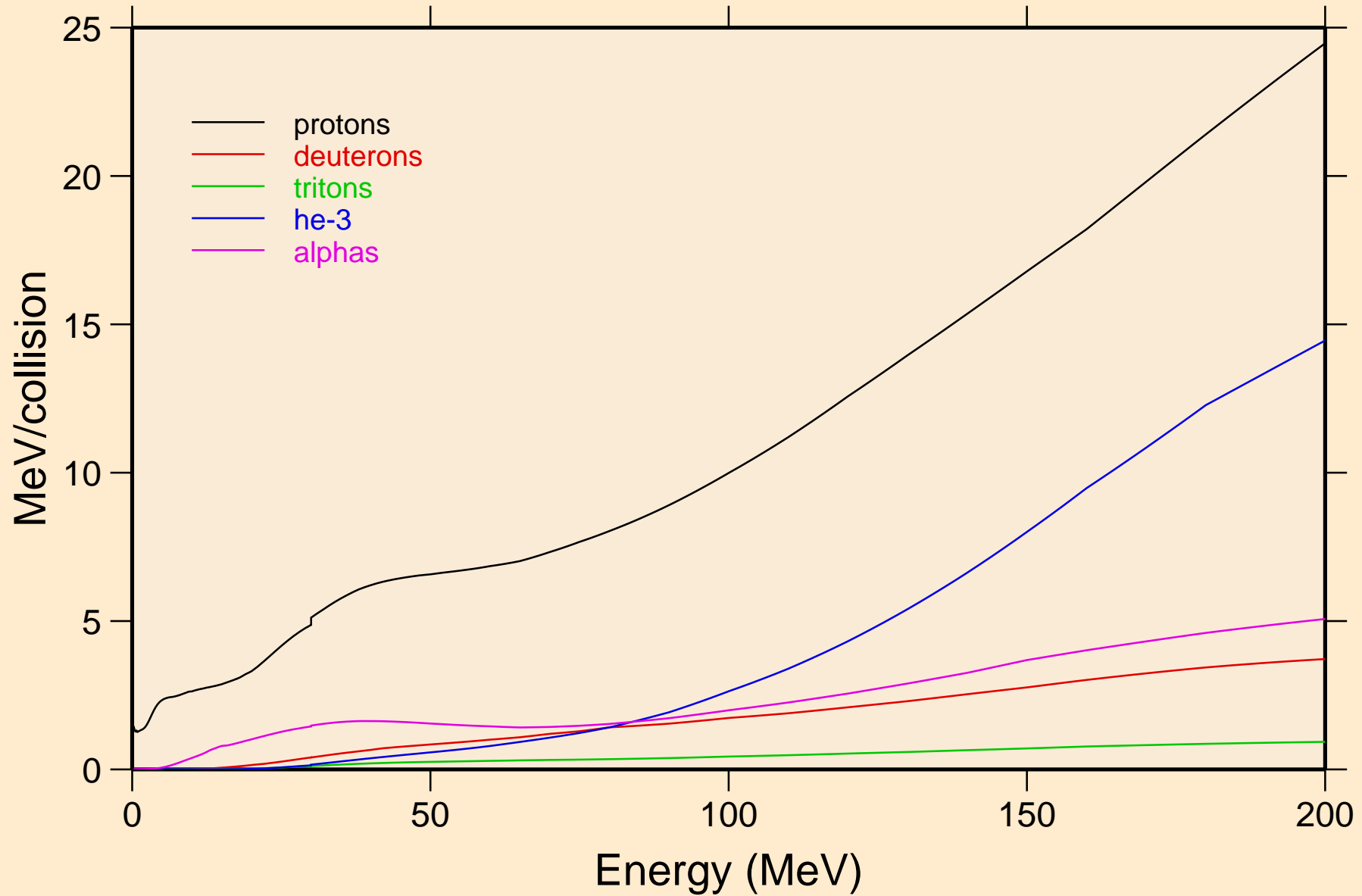
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

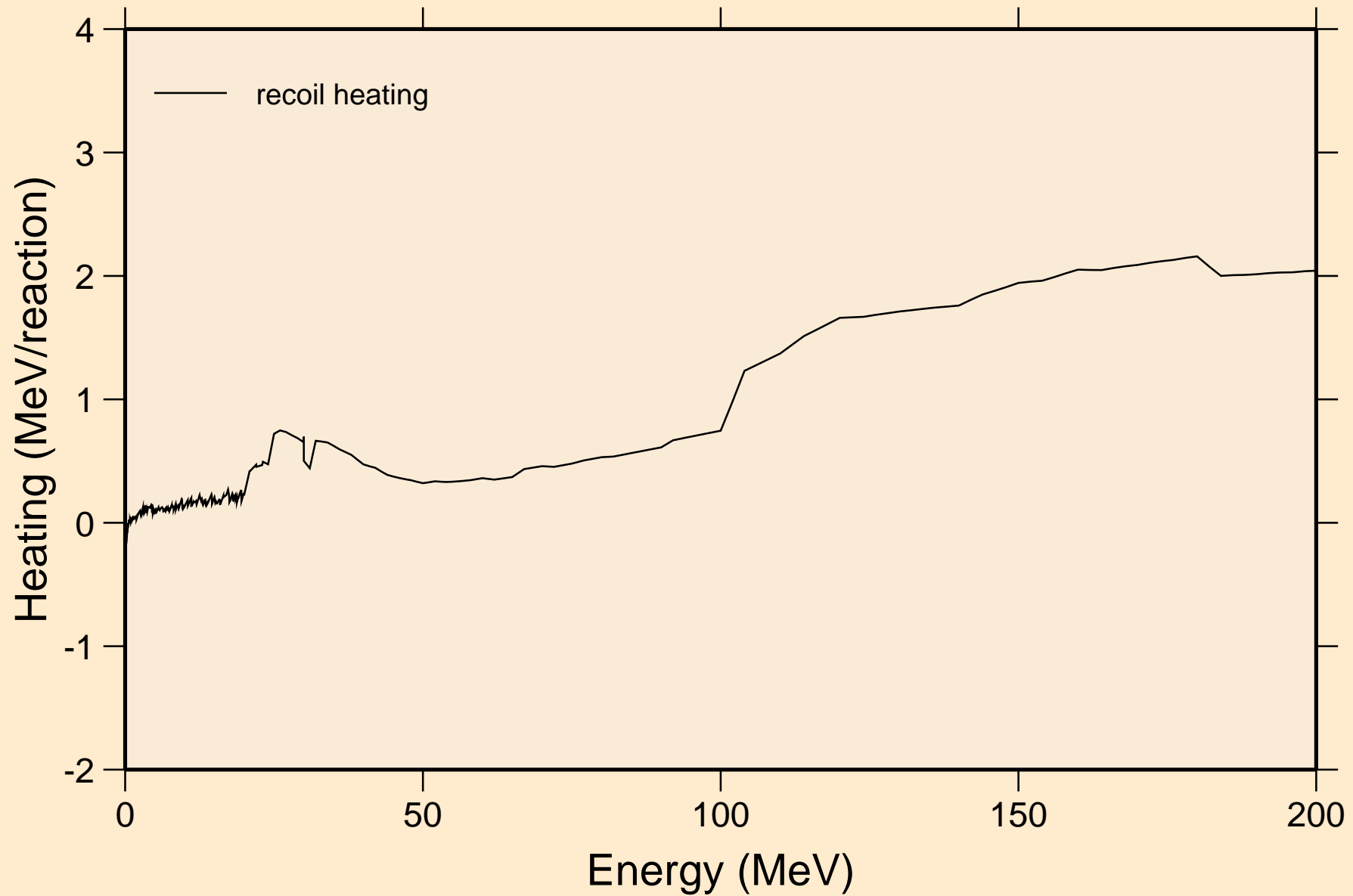


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



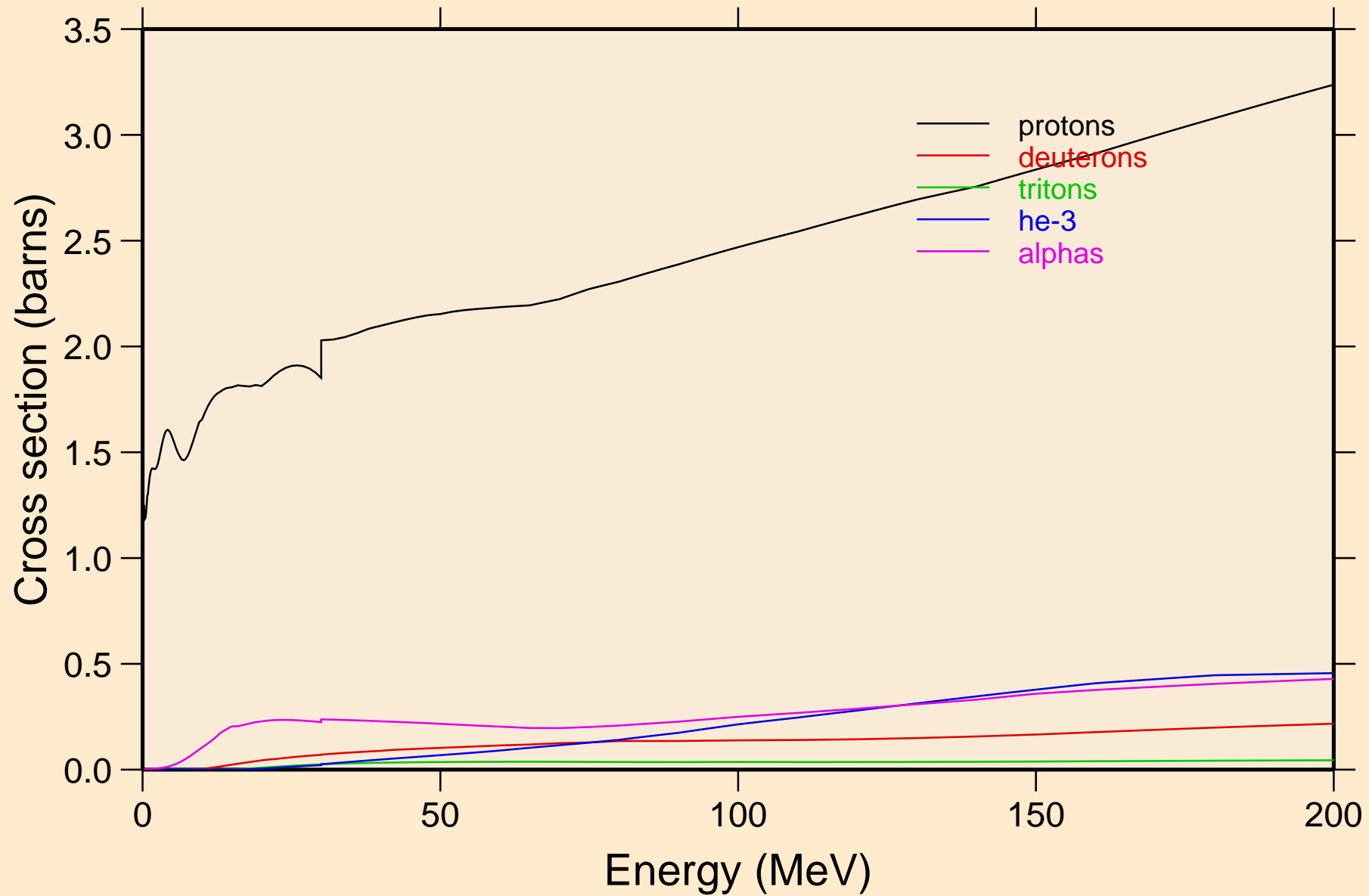


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

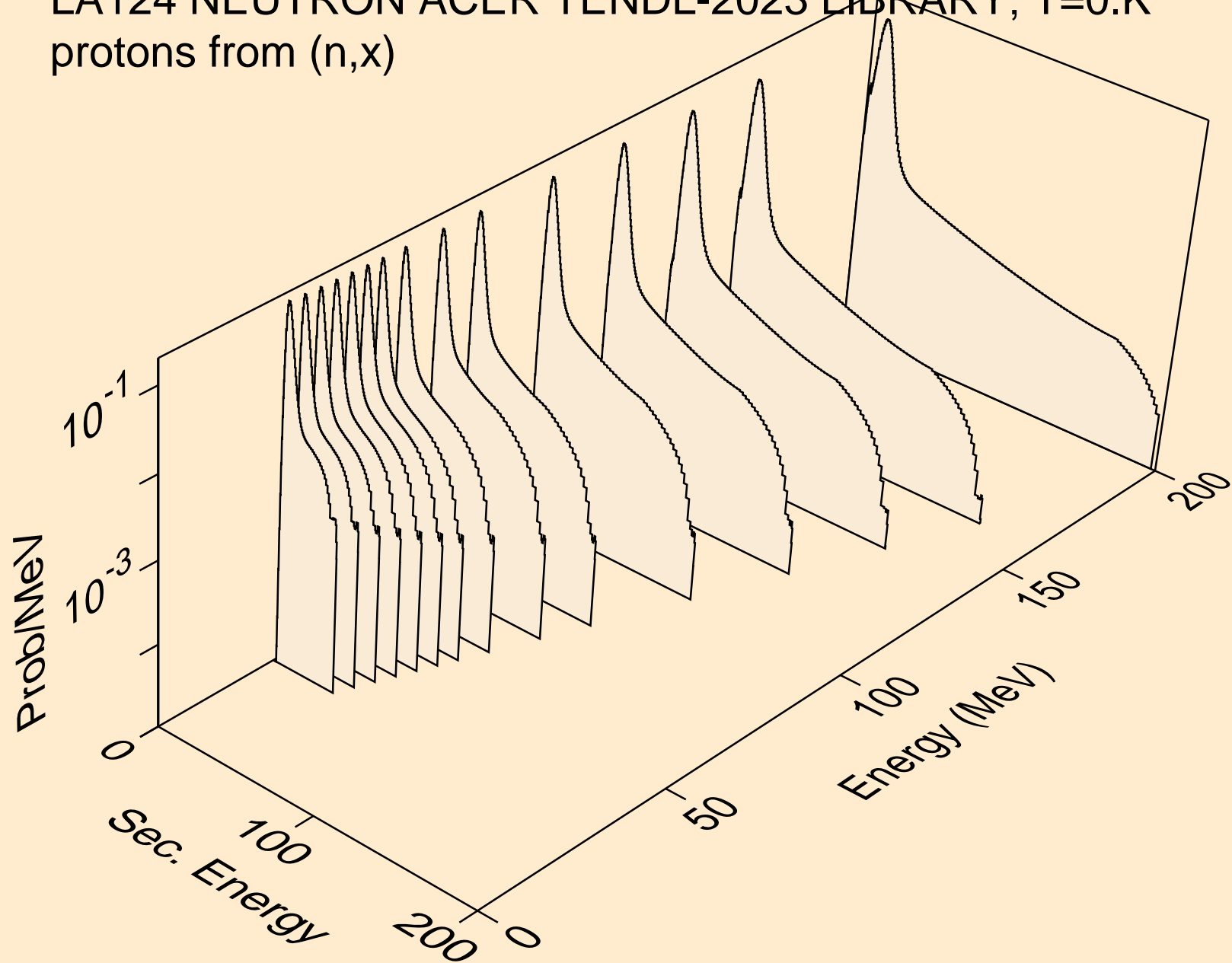


# LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

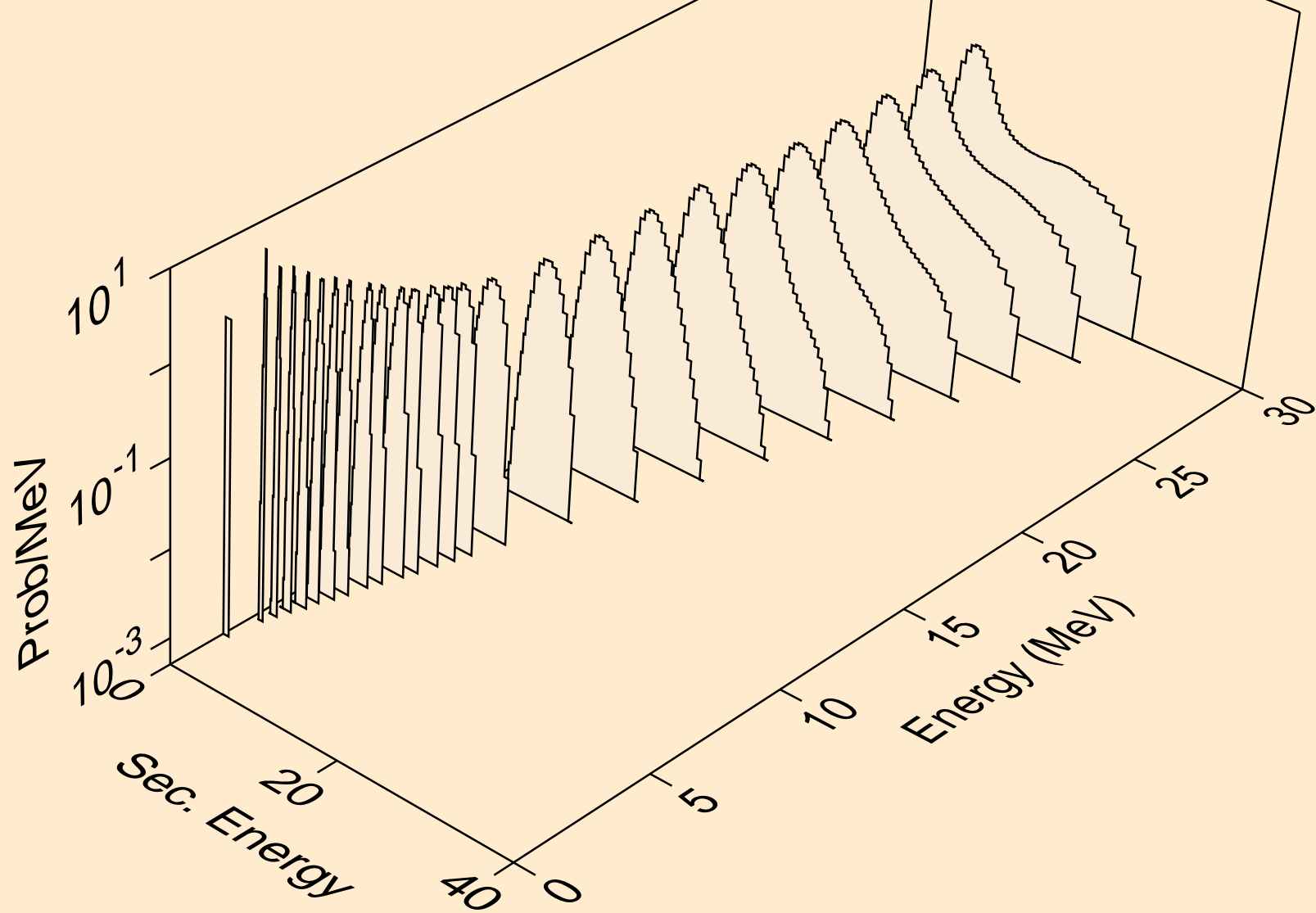
## Particle production cross sections



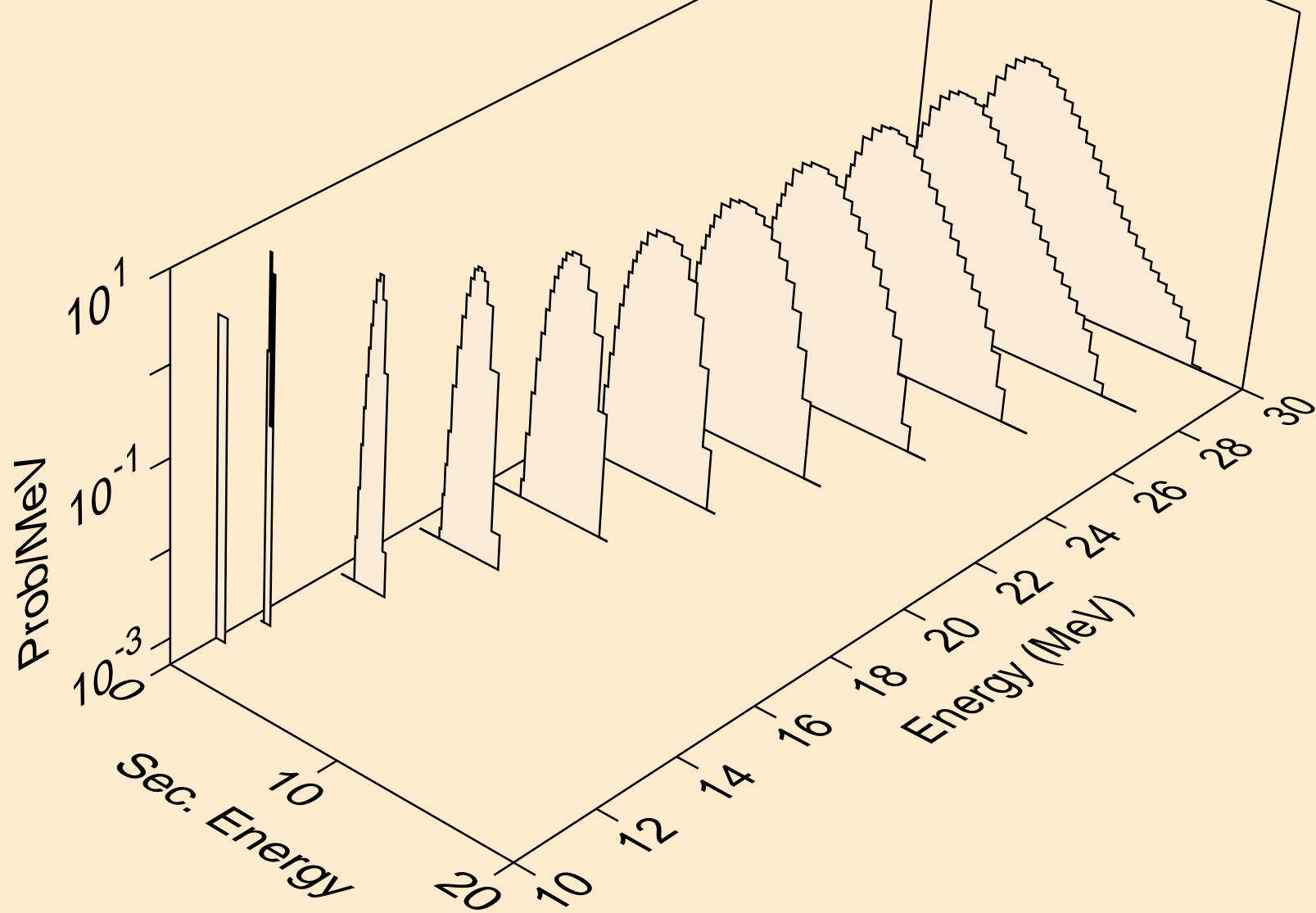
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



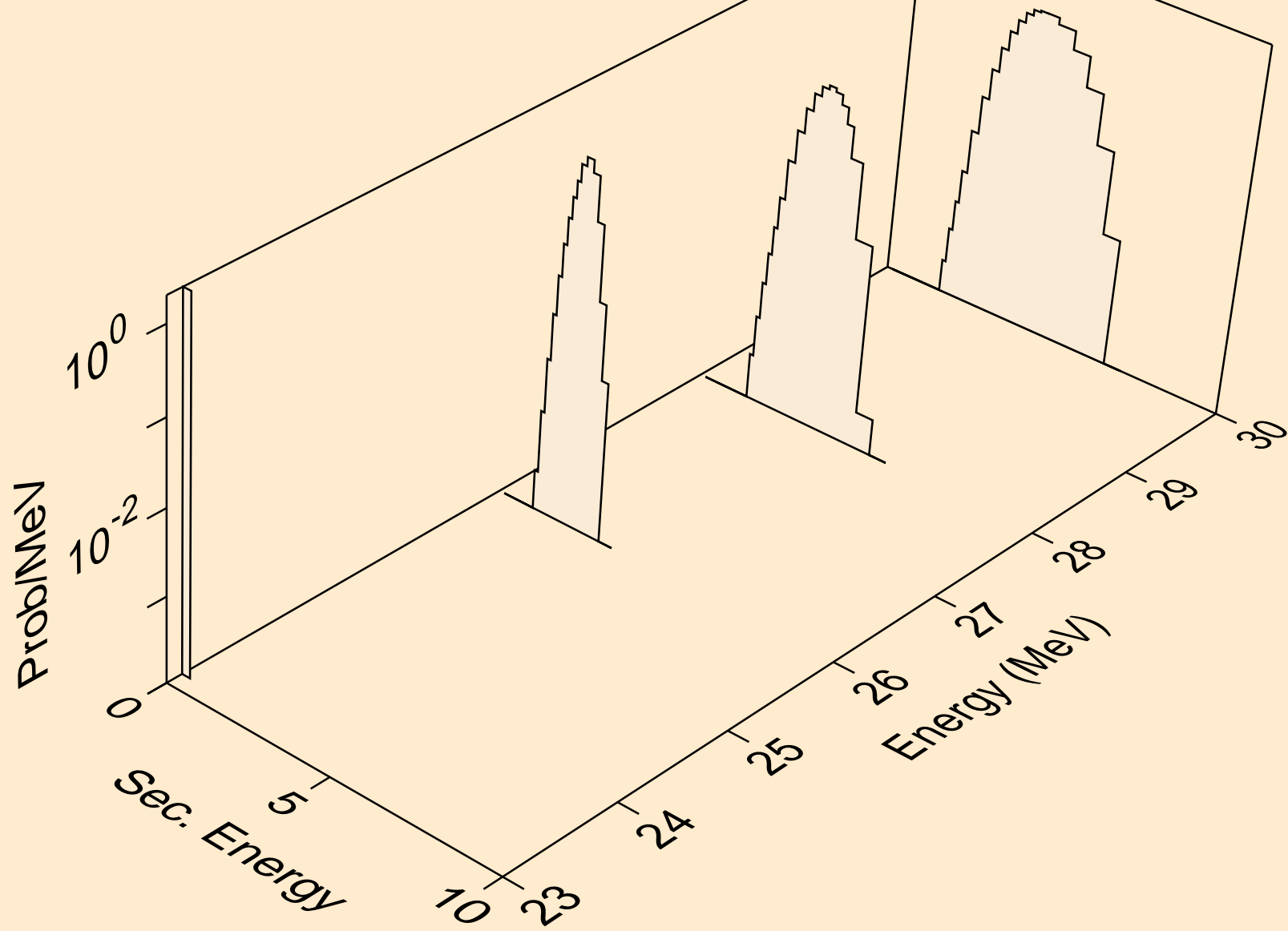
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



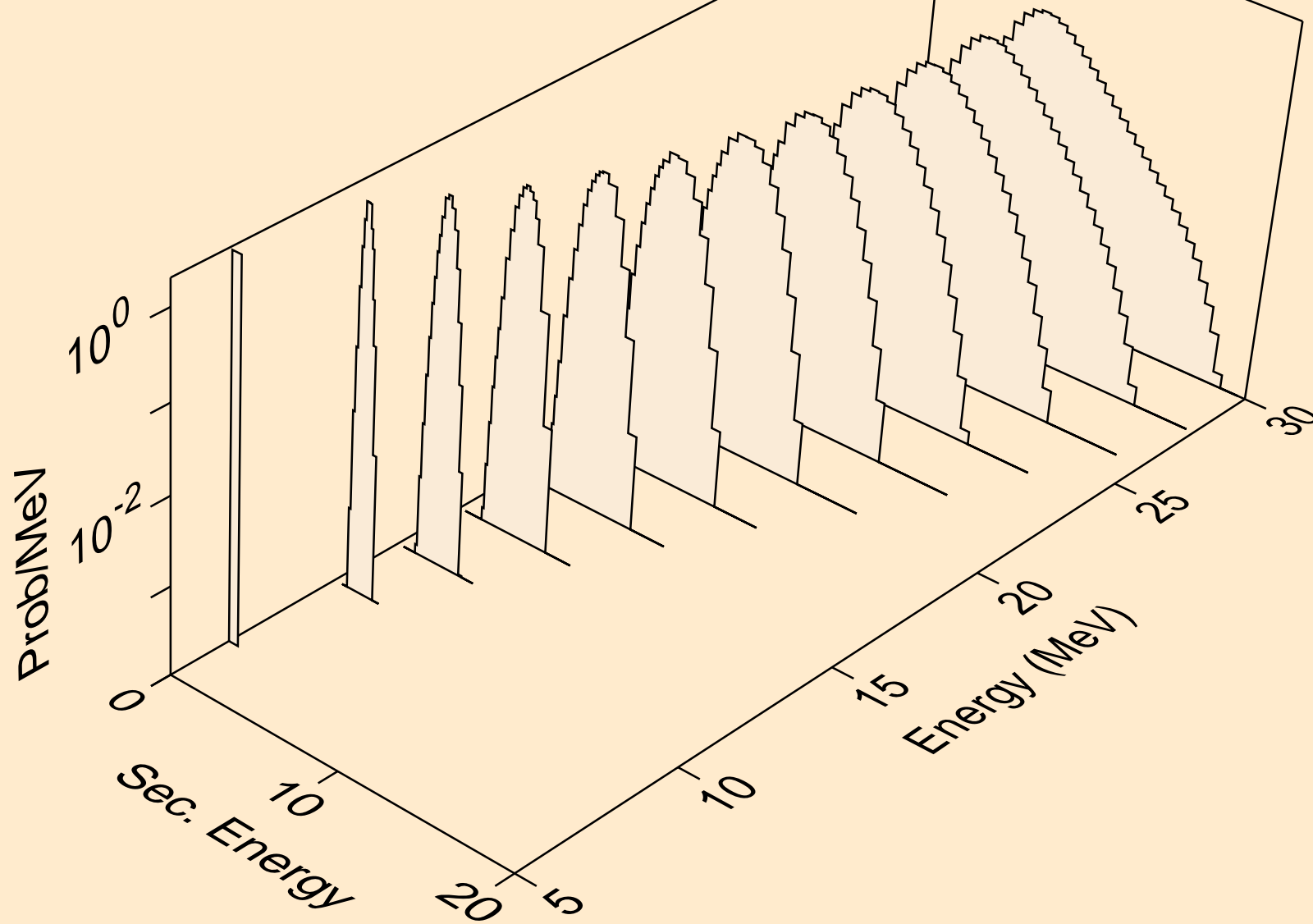
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



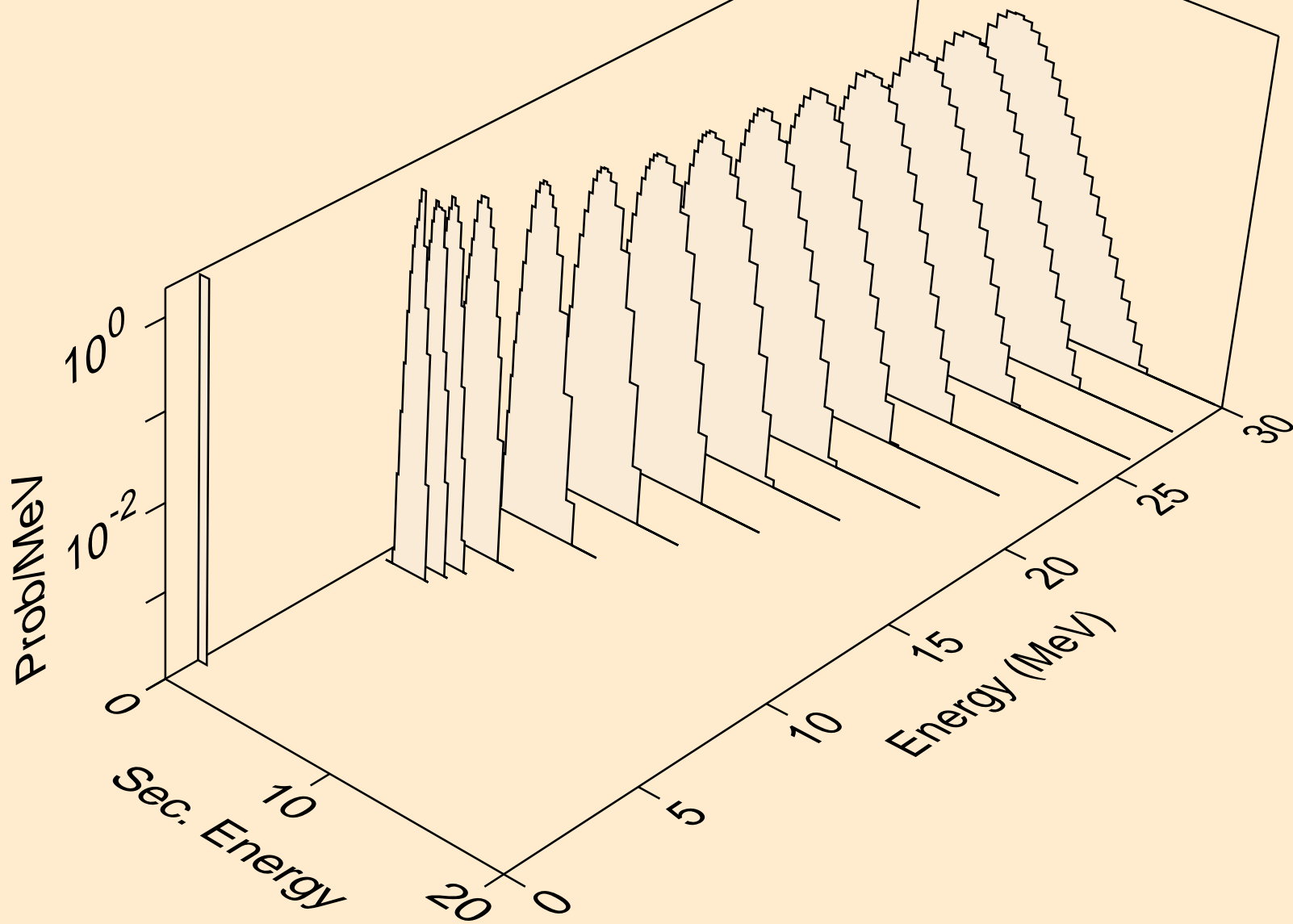
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

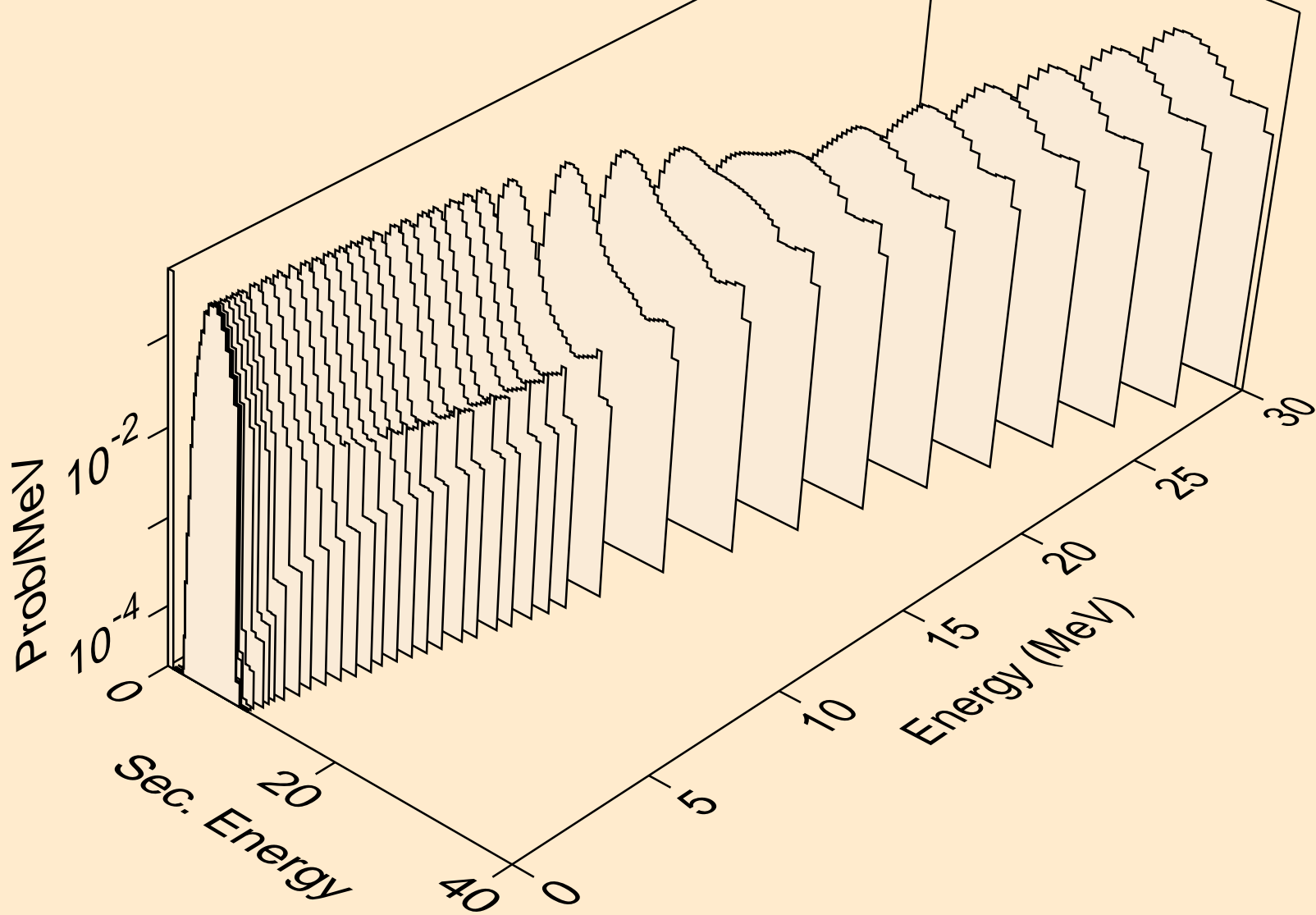


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

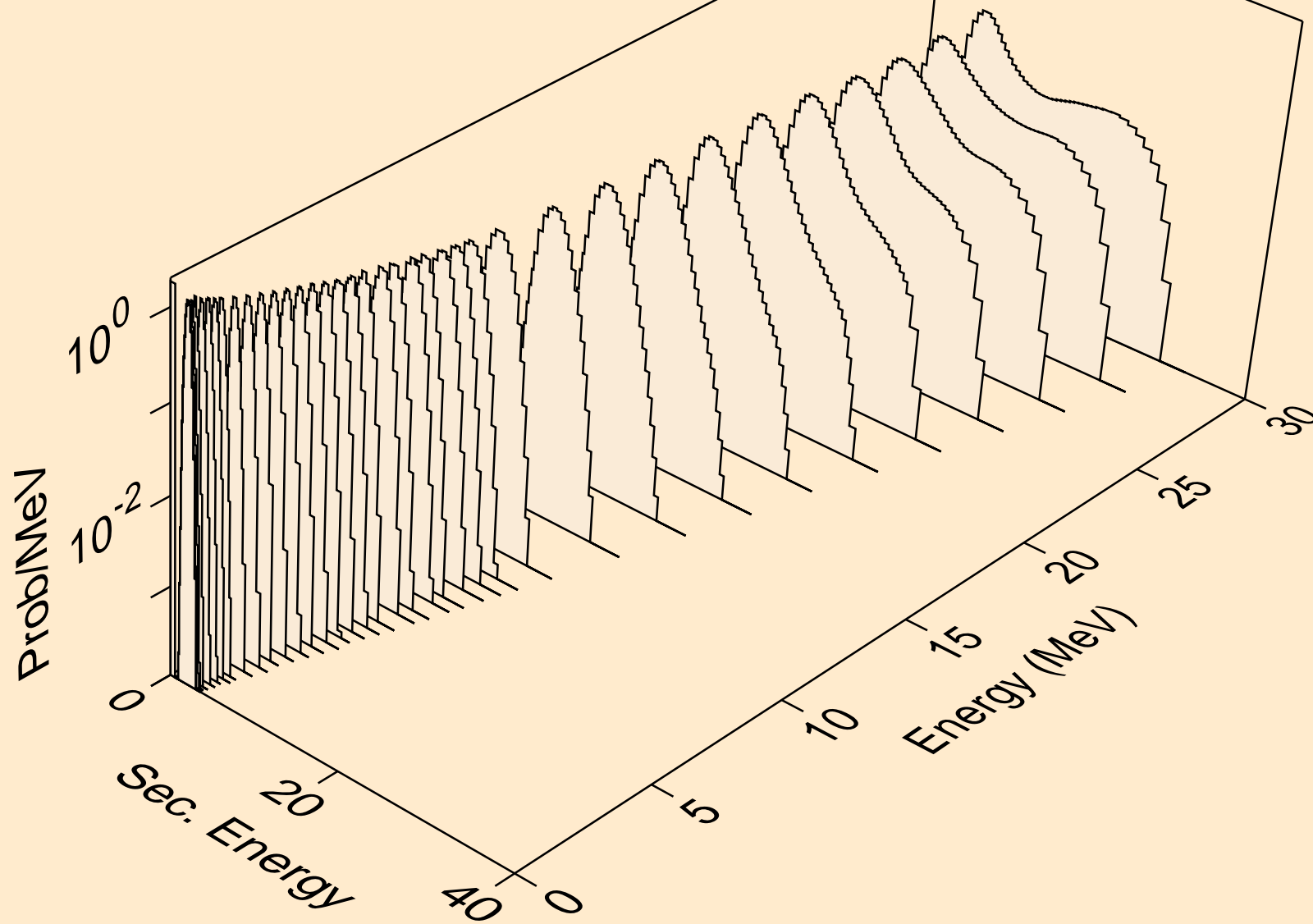




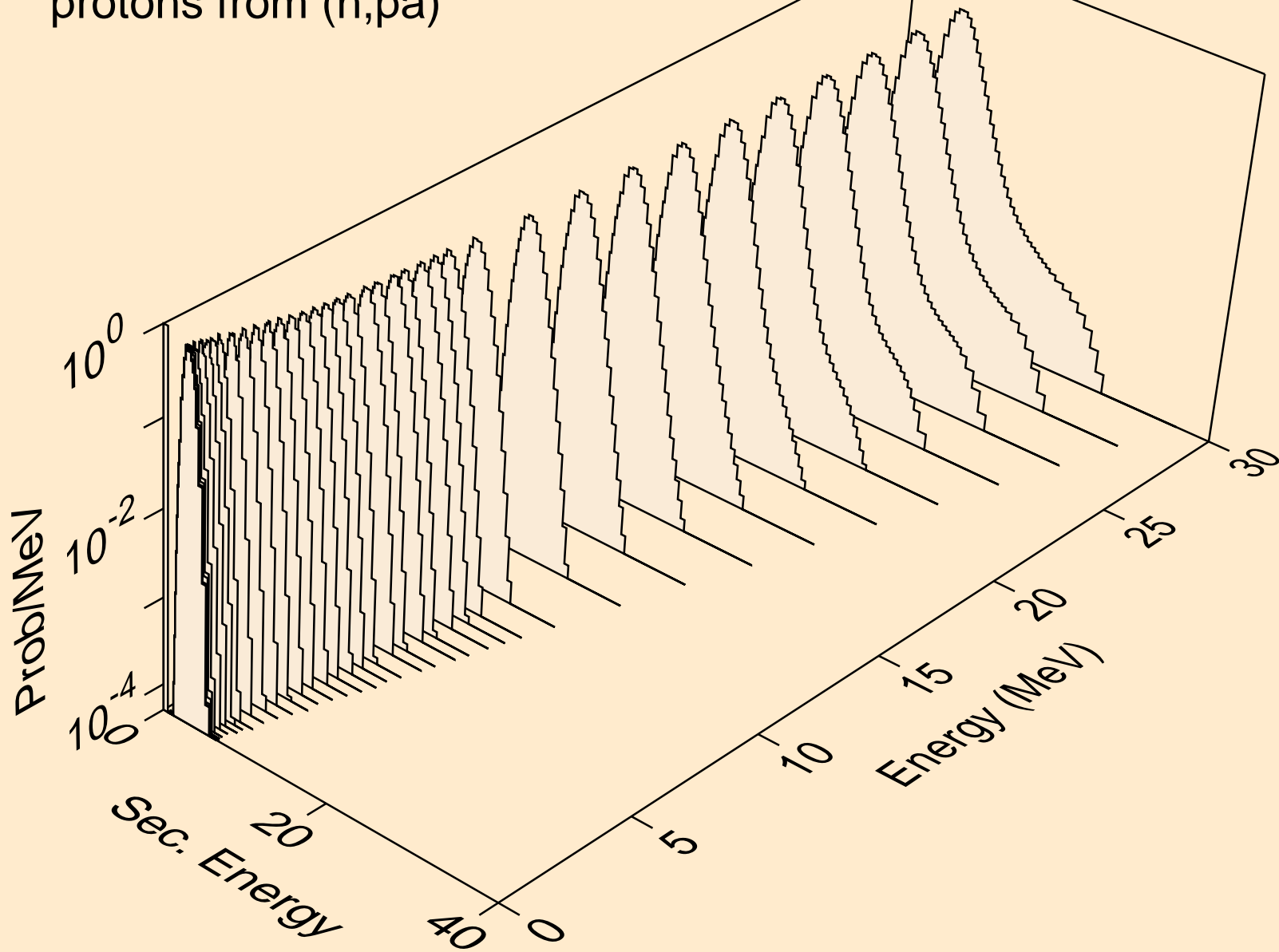
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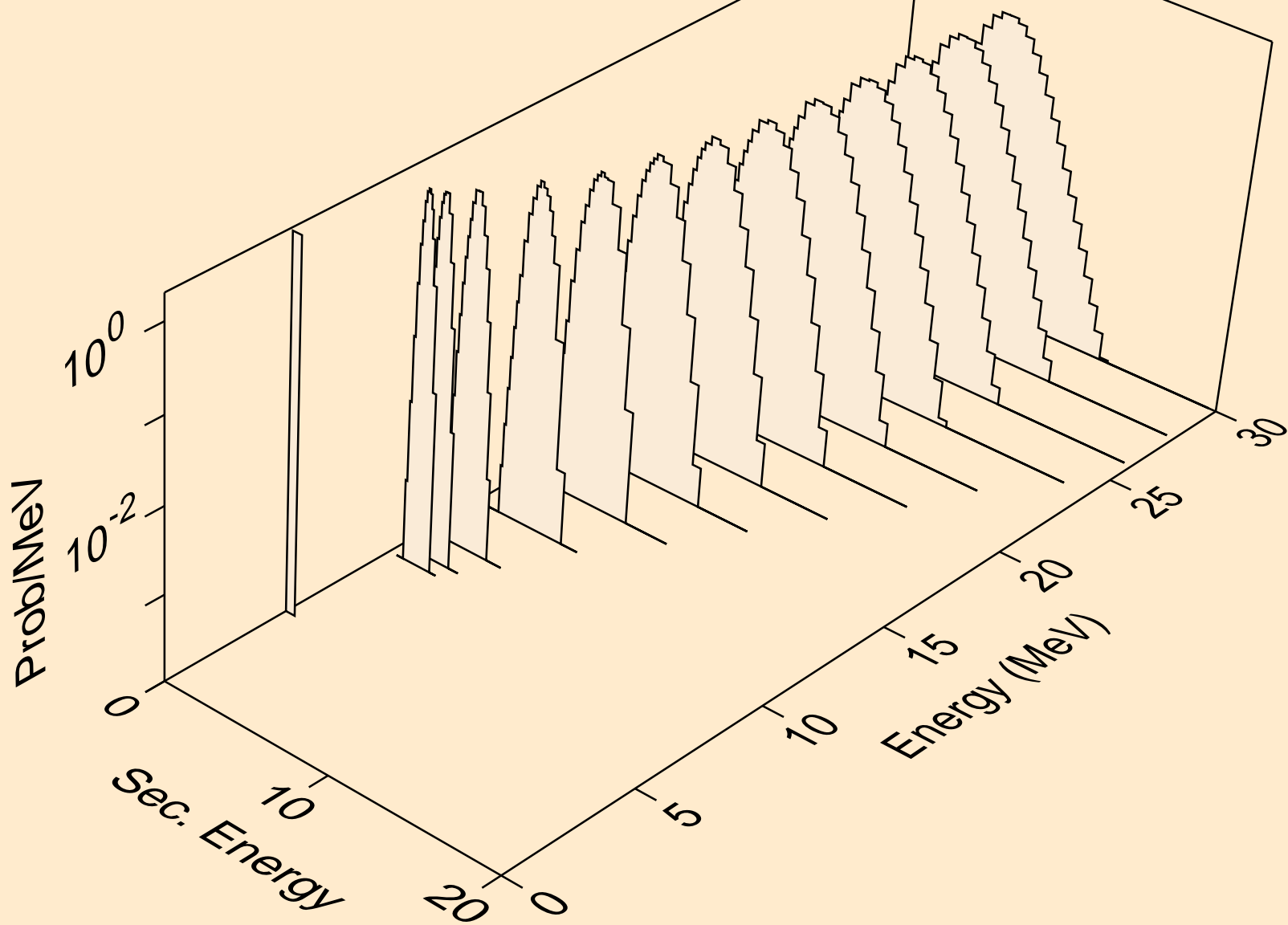
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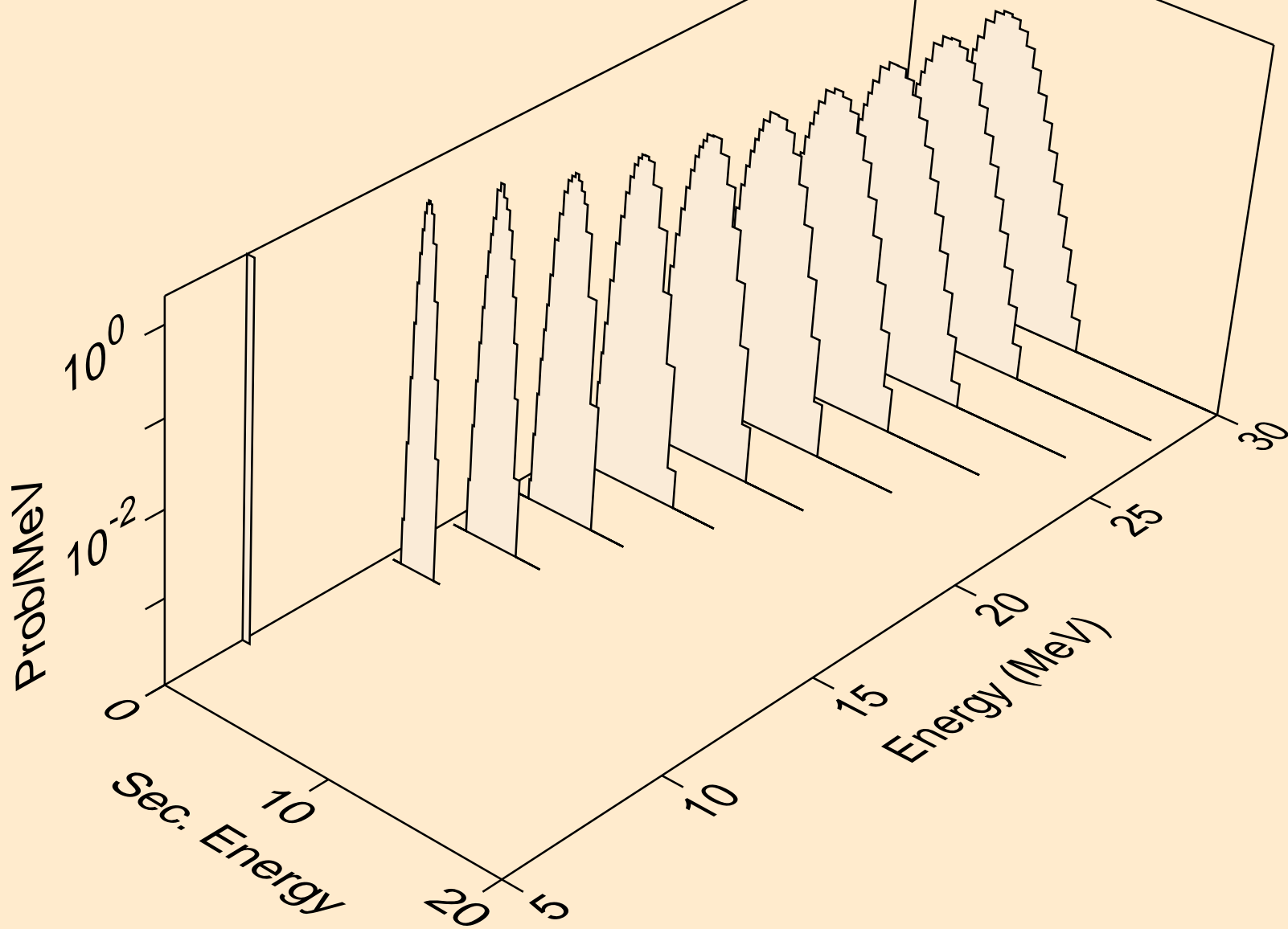
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protons from (n,p)



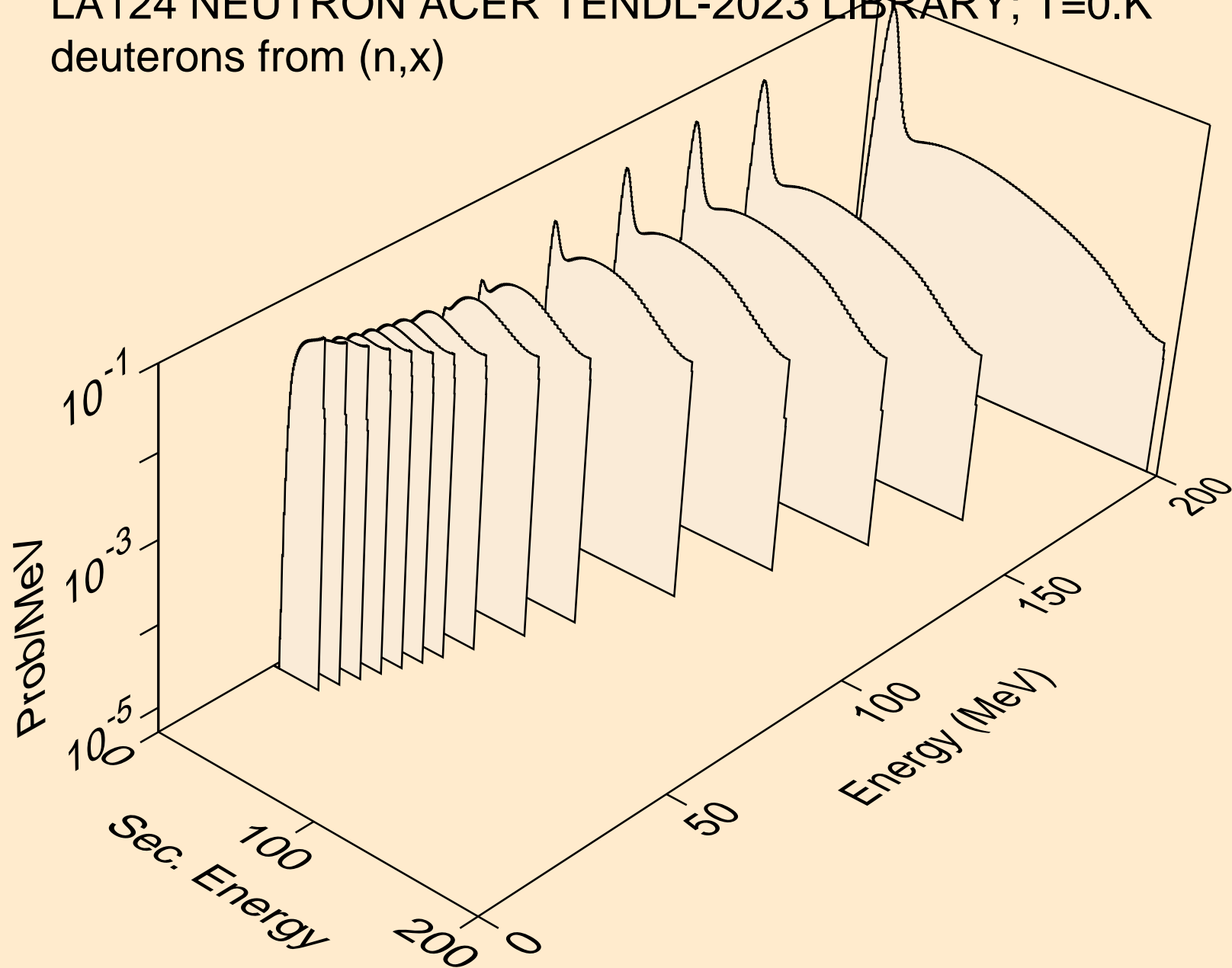
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



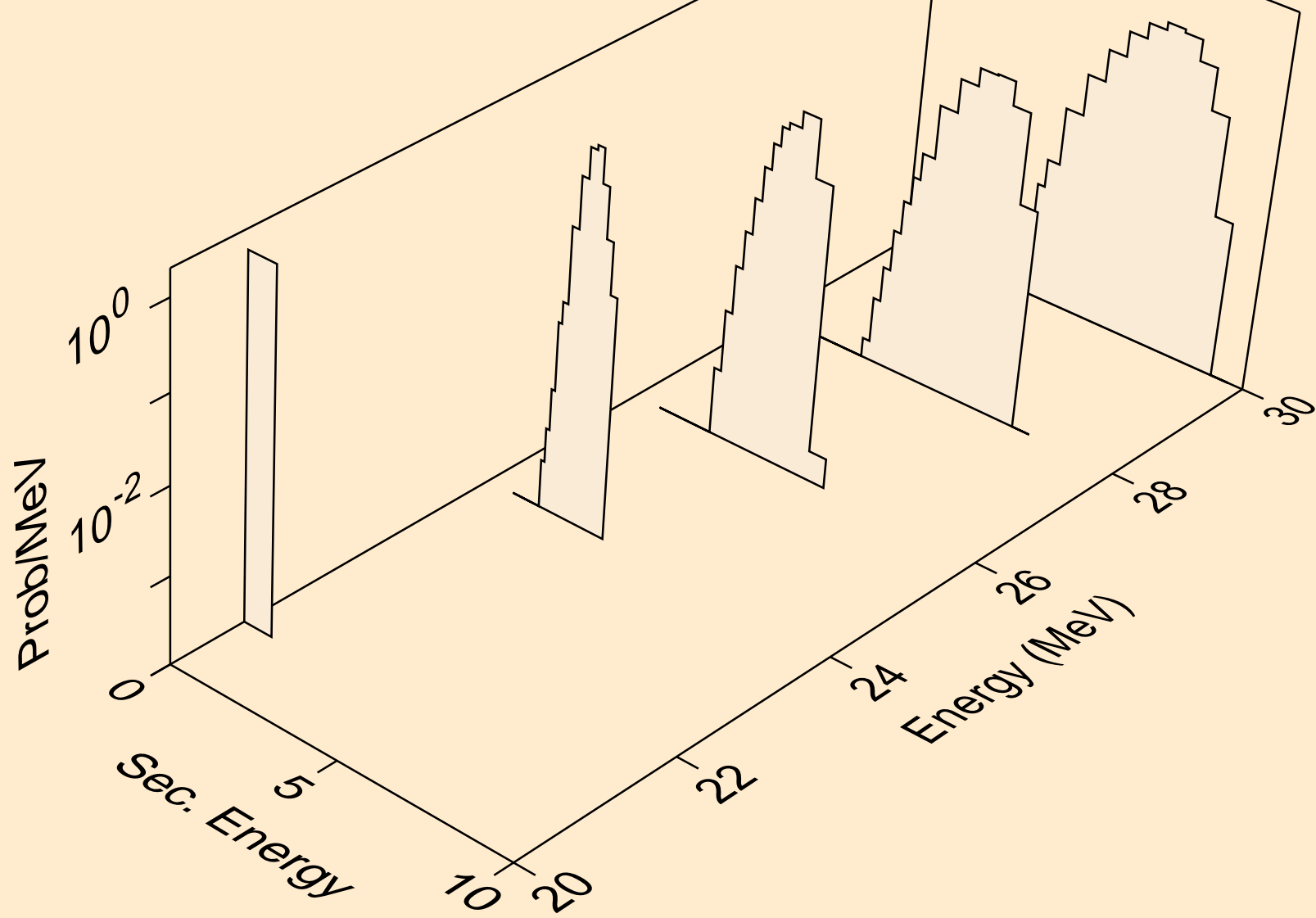
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protons from (n,pt)



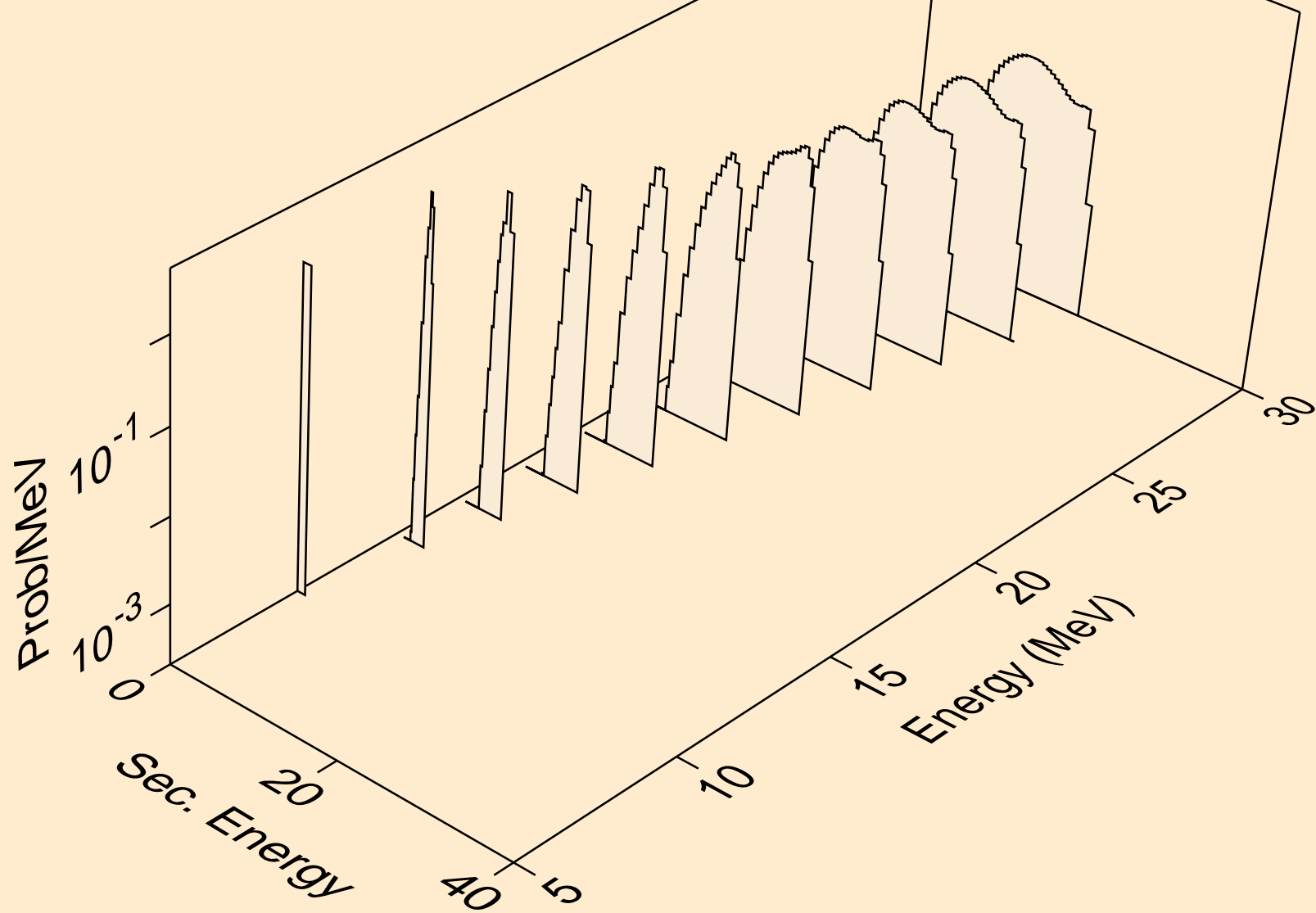
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

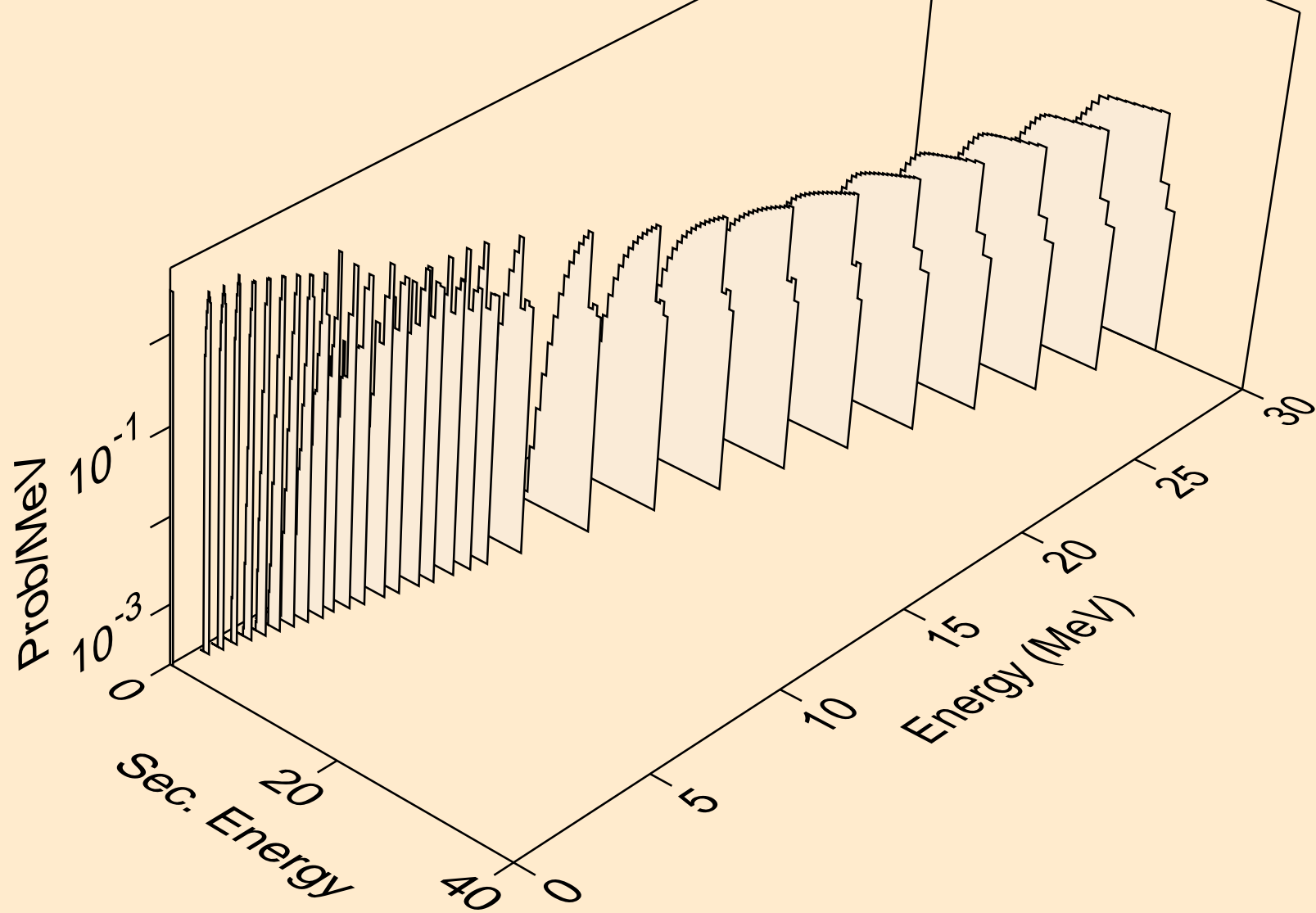


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

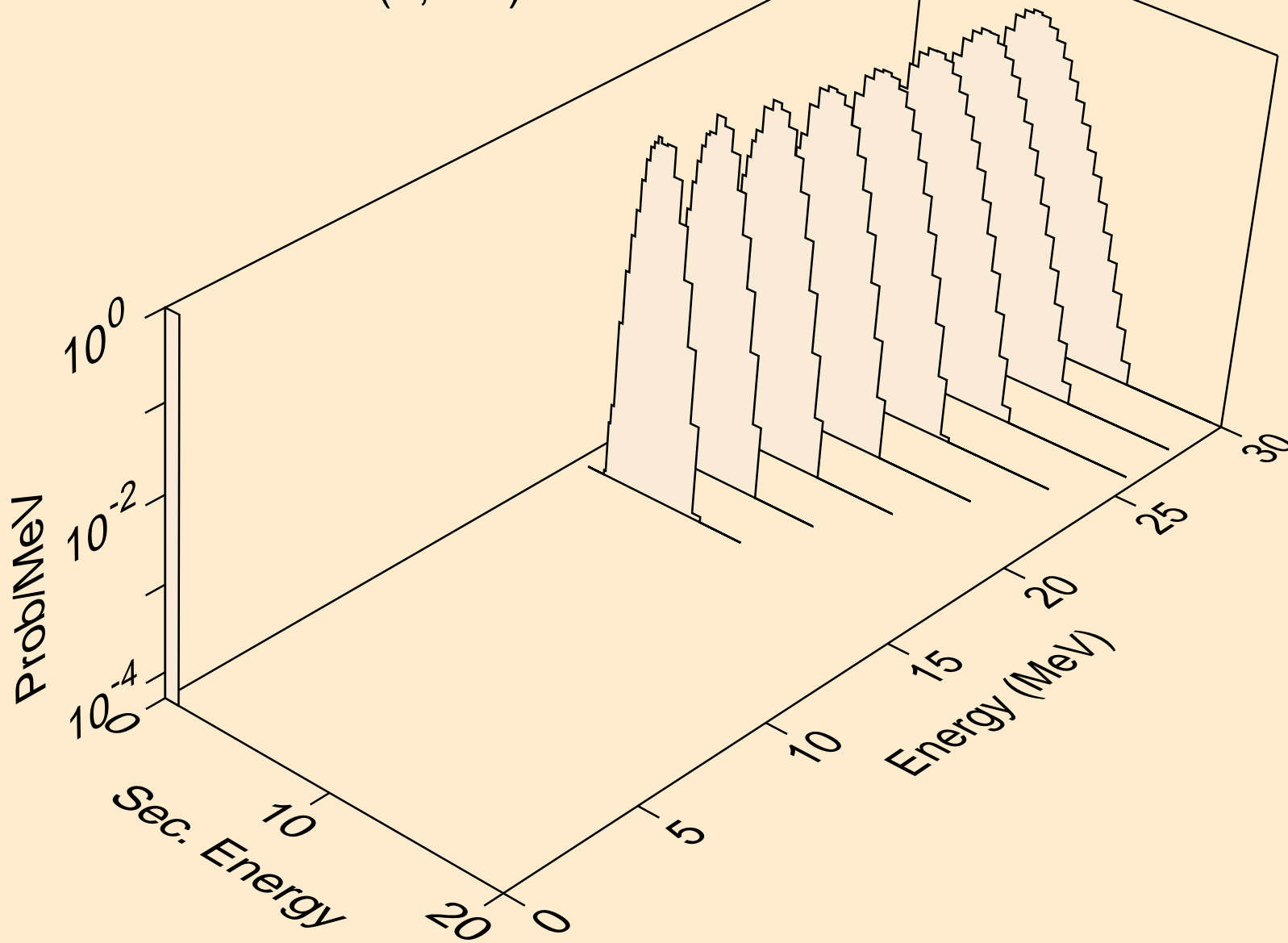




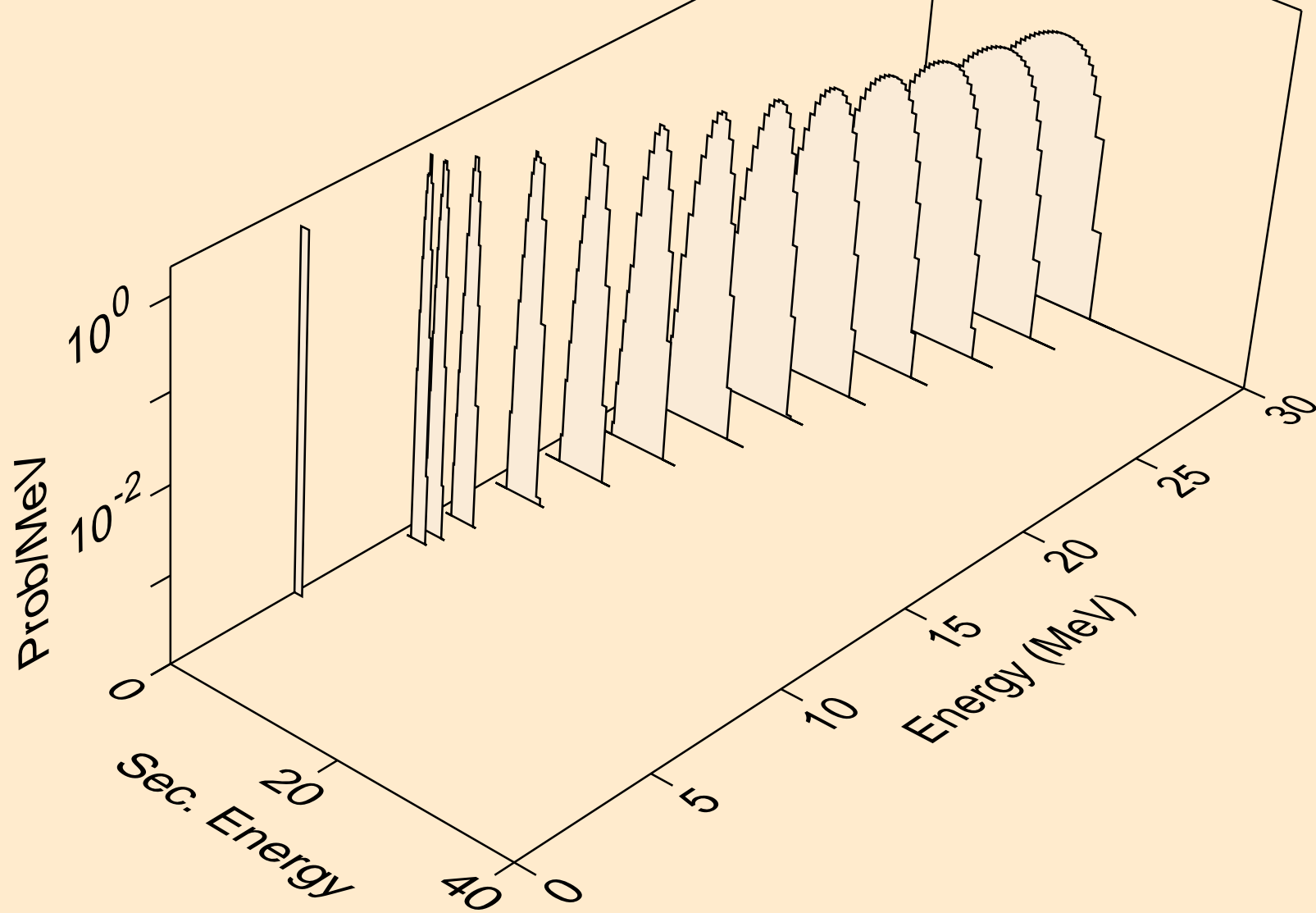
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



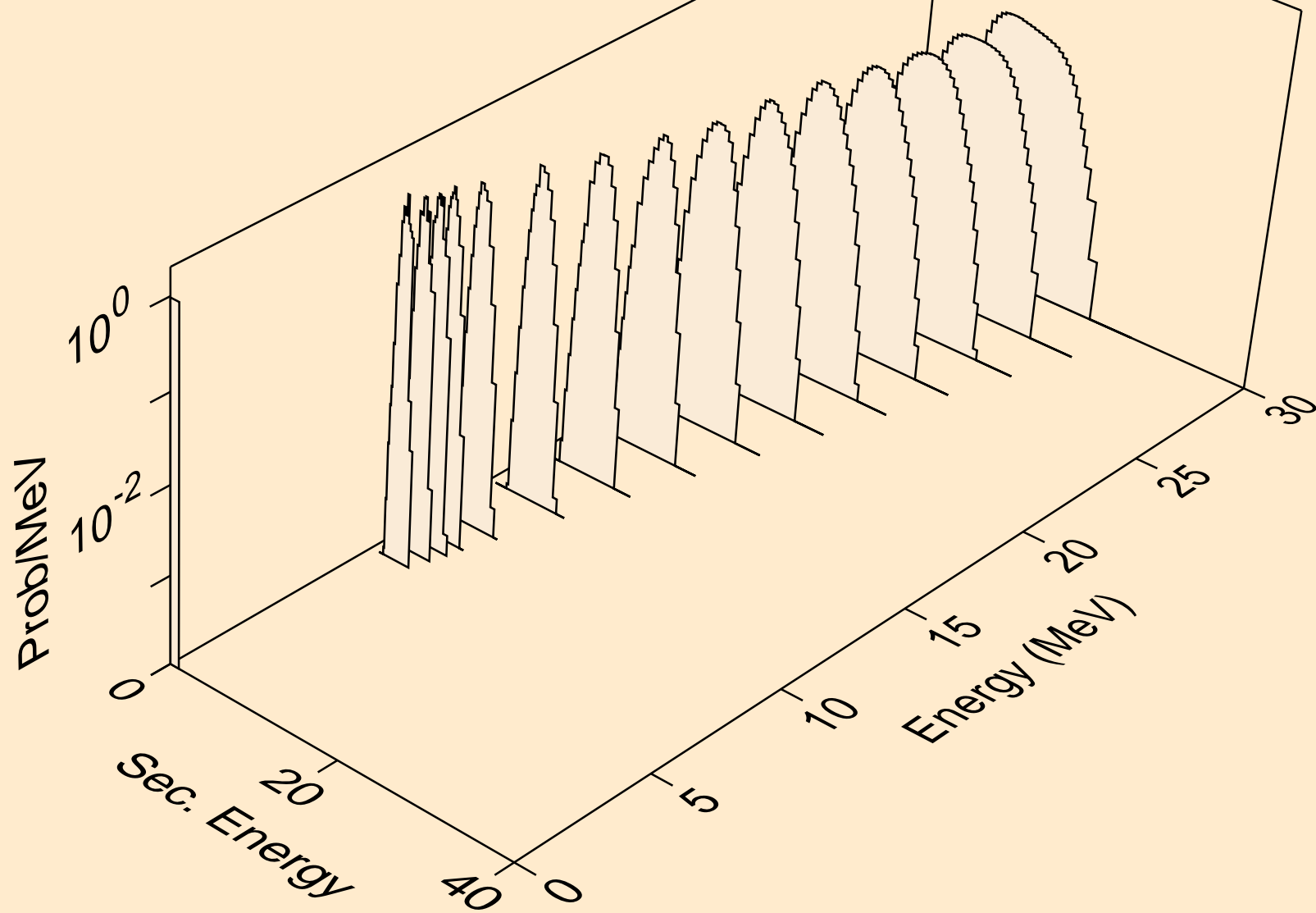
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deuterons from (n,d2a)



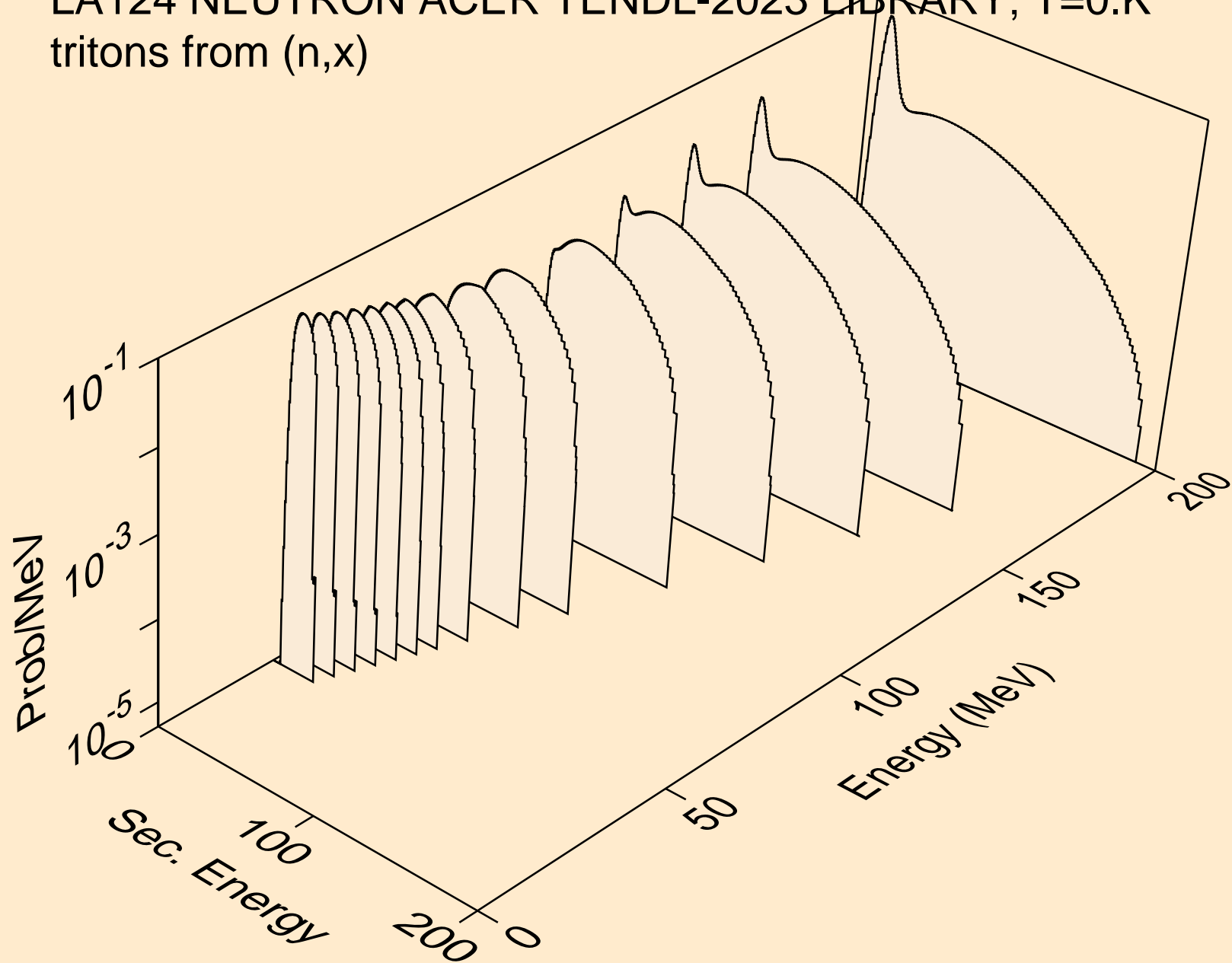
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deuterons from (n,pd)



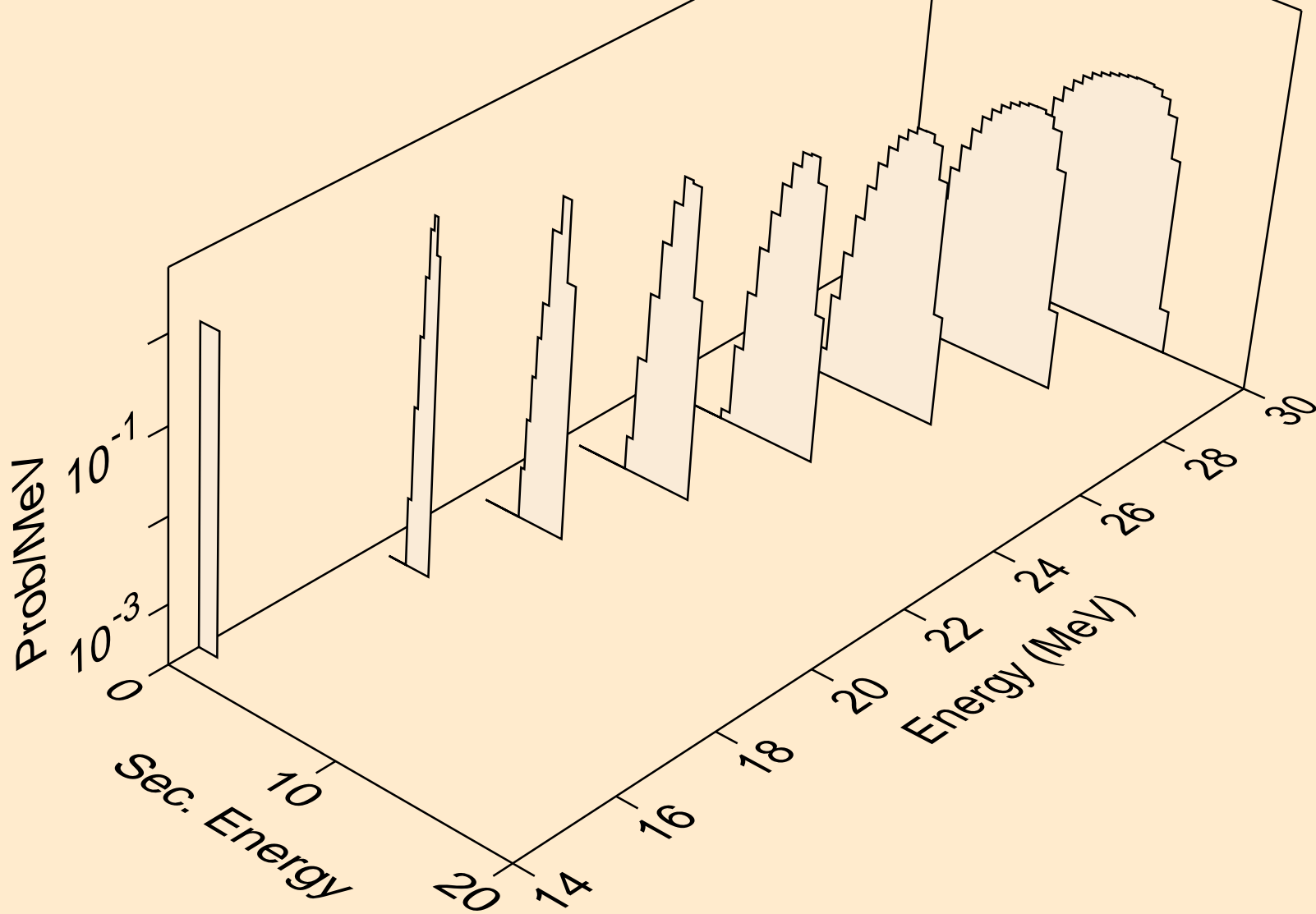
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



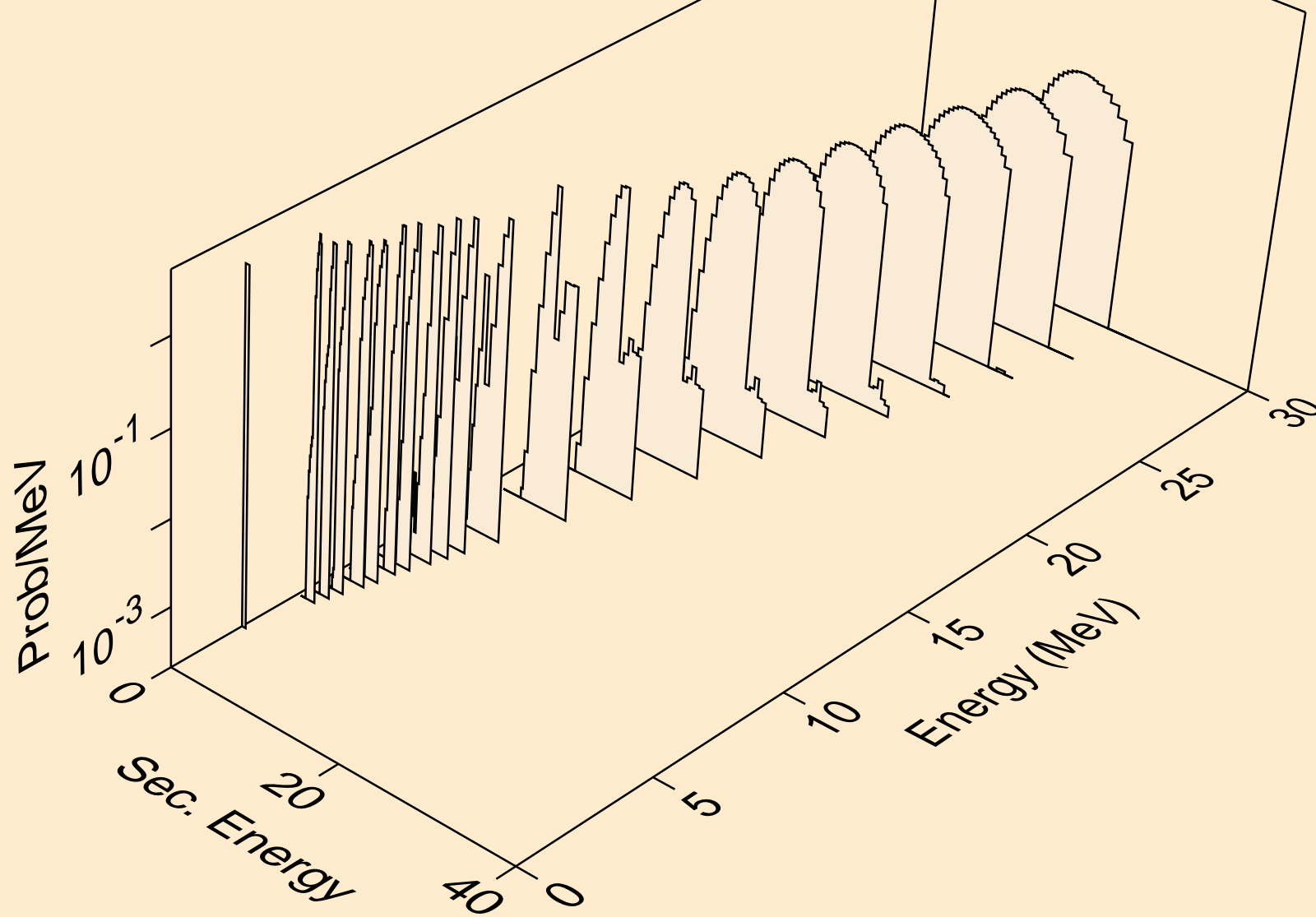
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



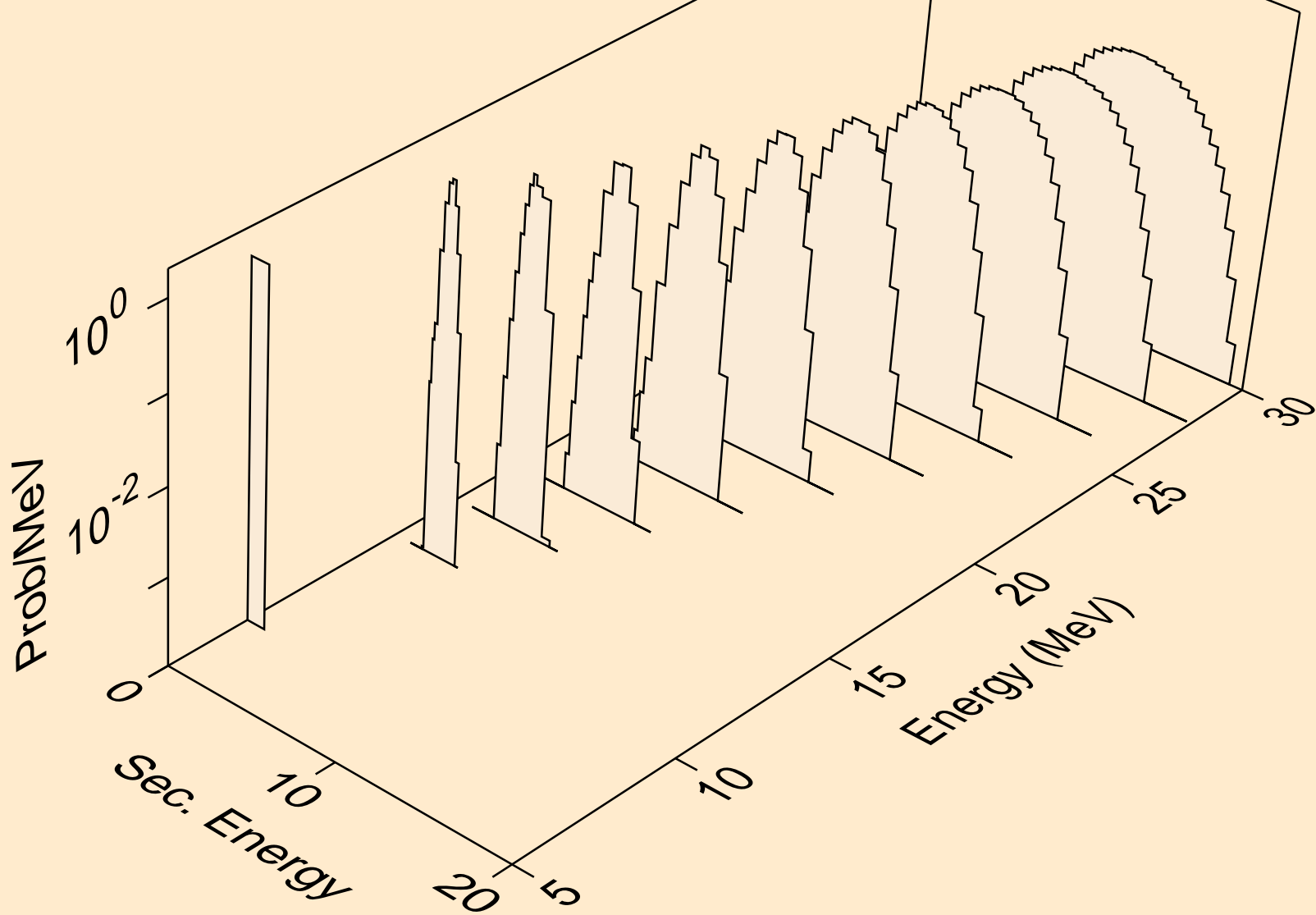
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

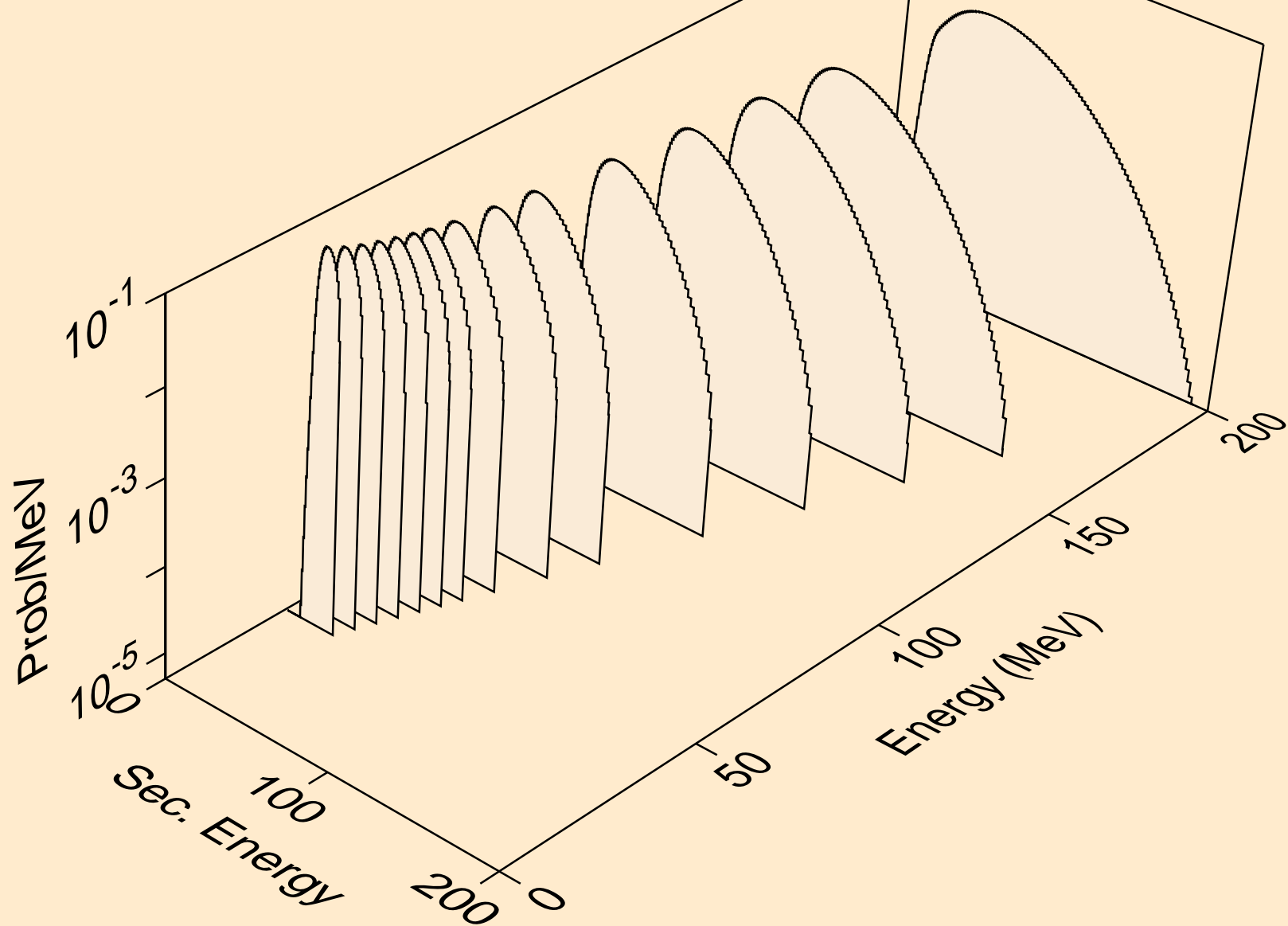


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

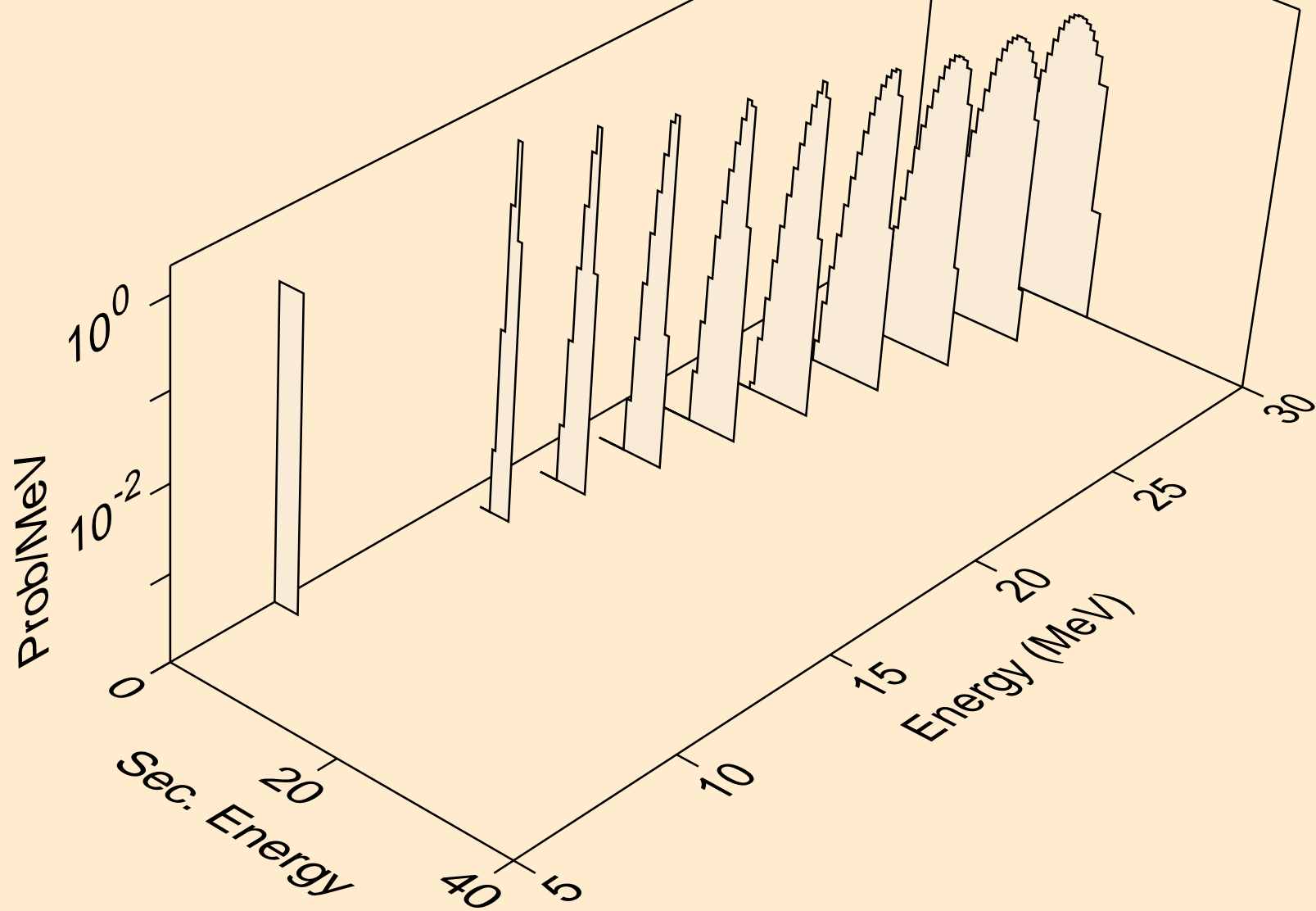




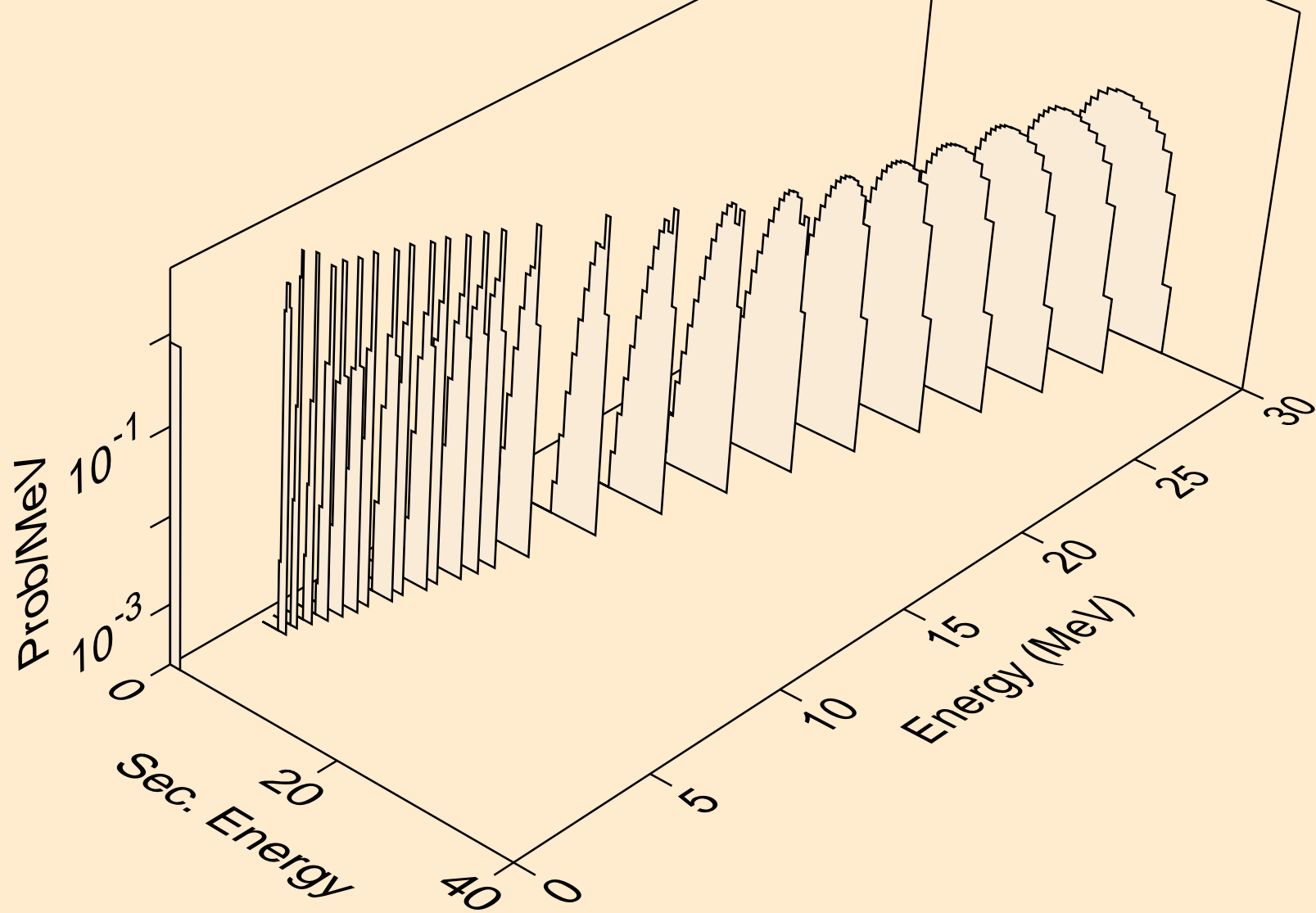
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



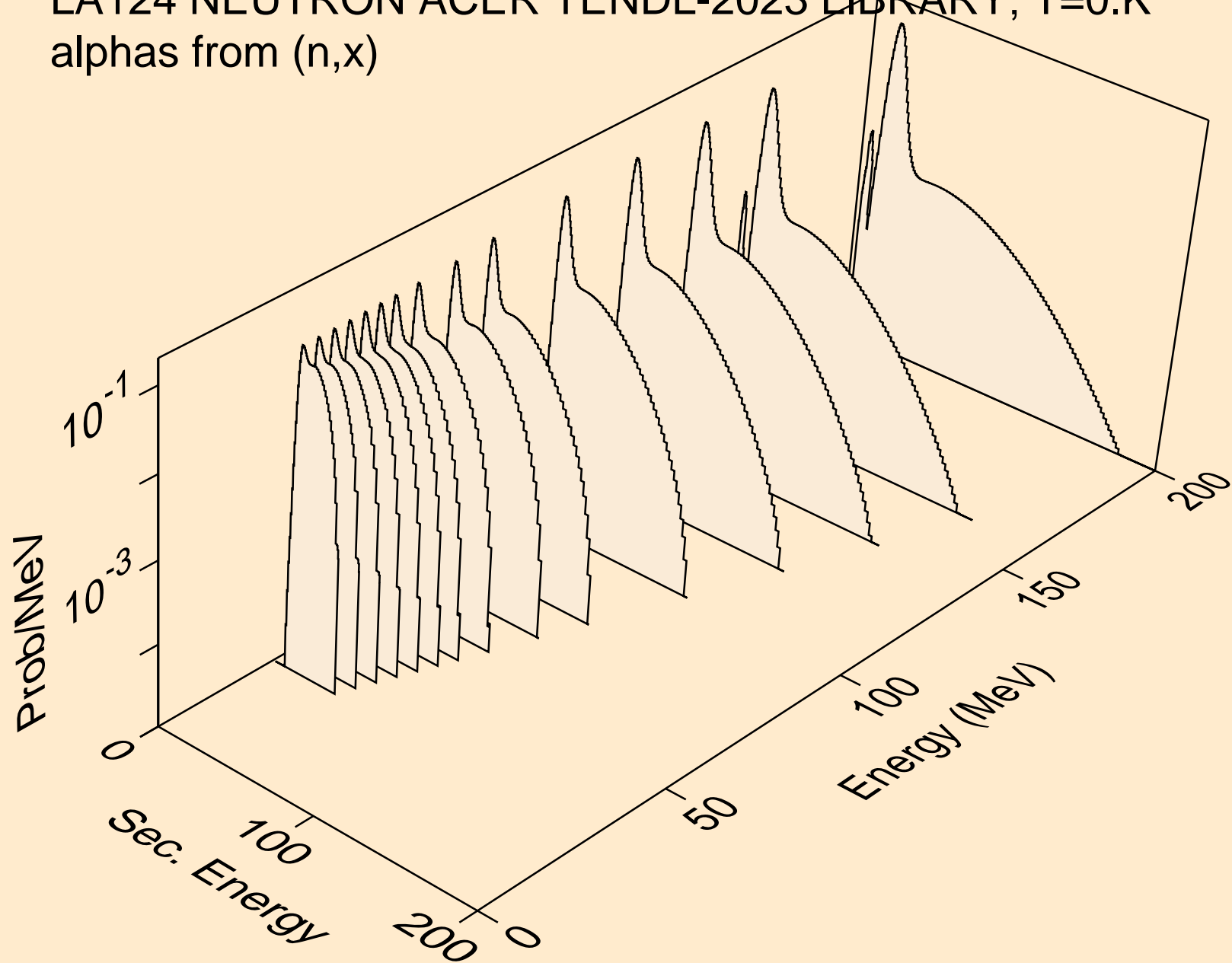
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



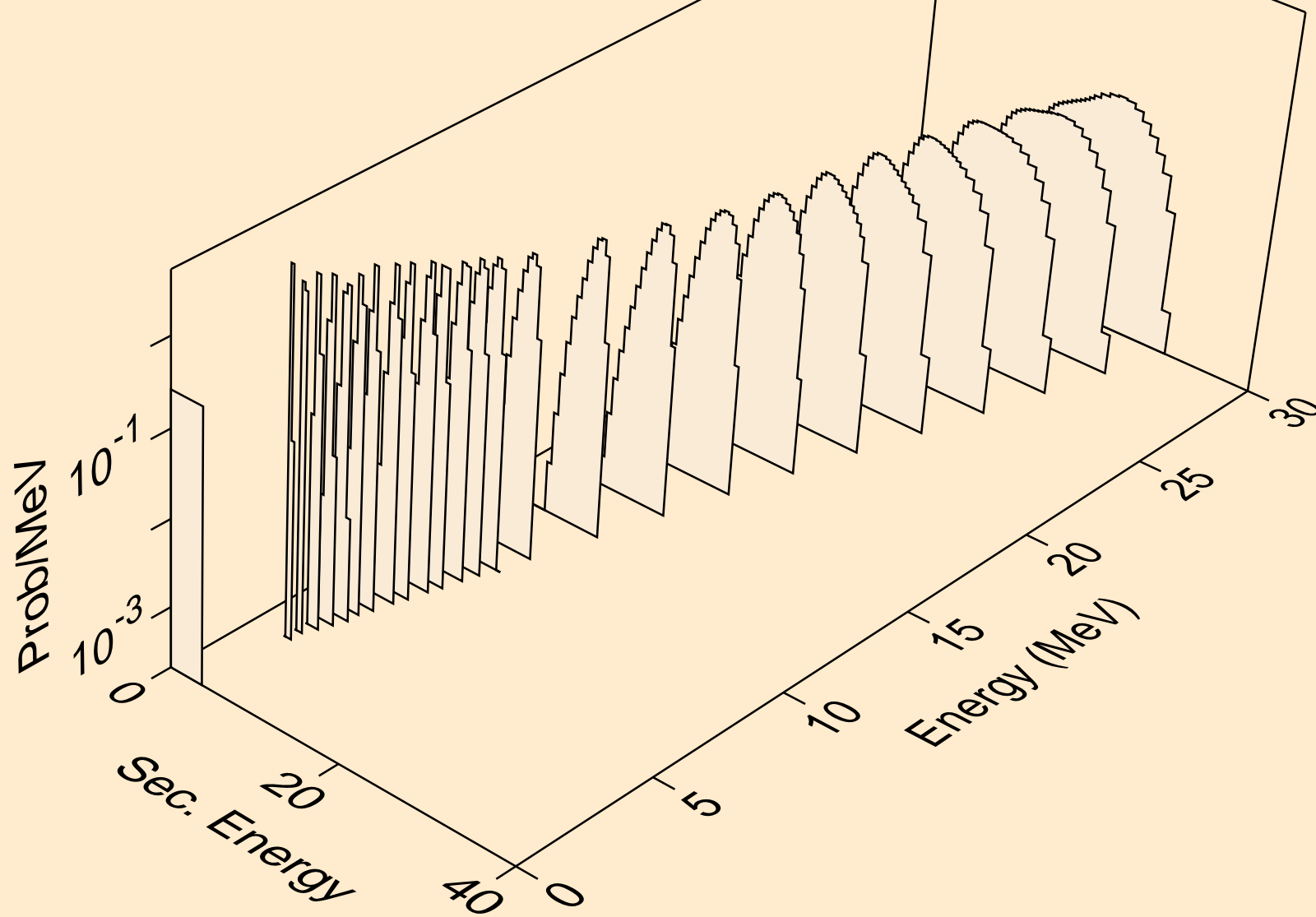
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



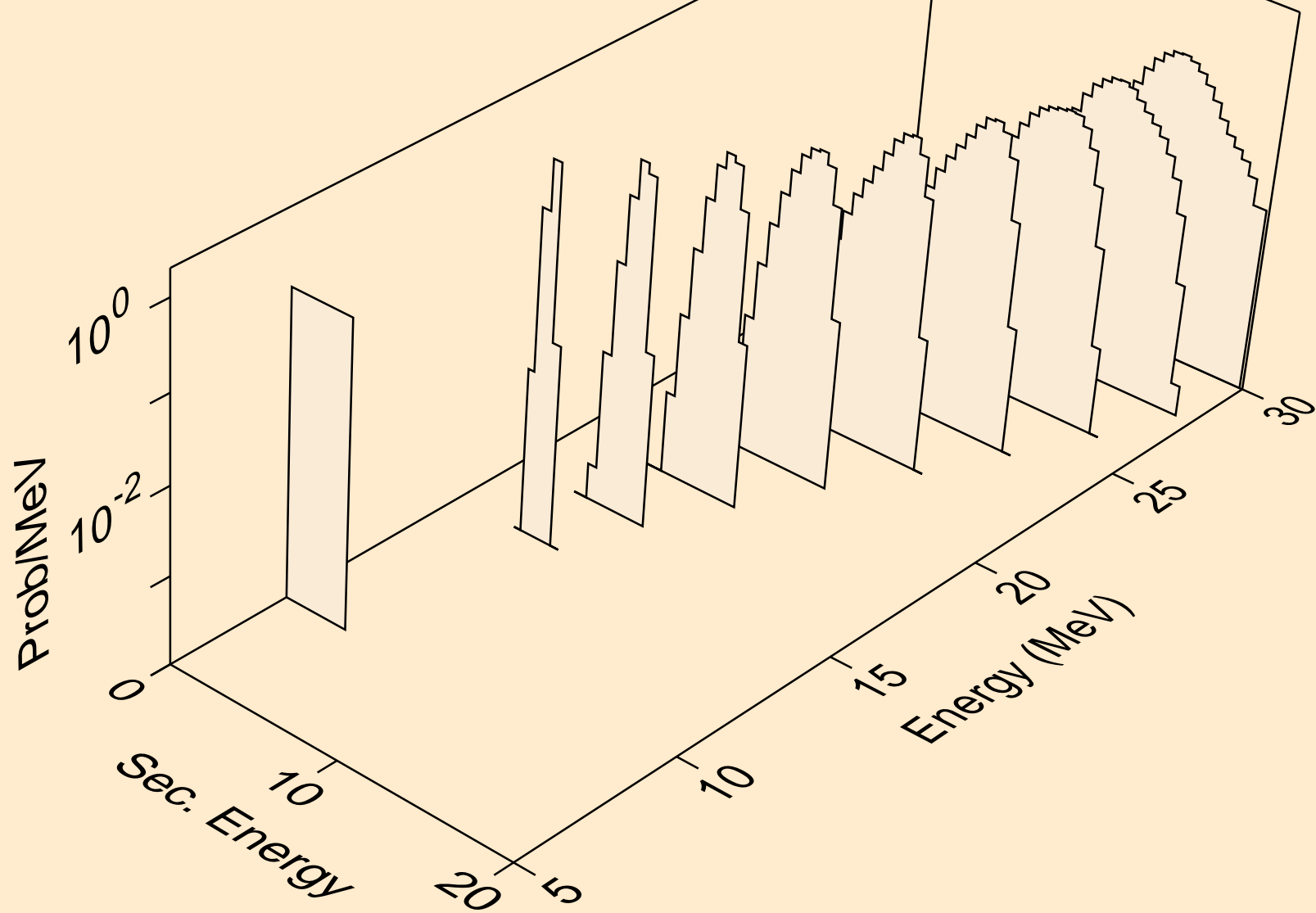
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



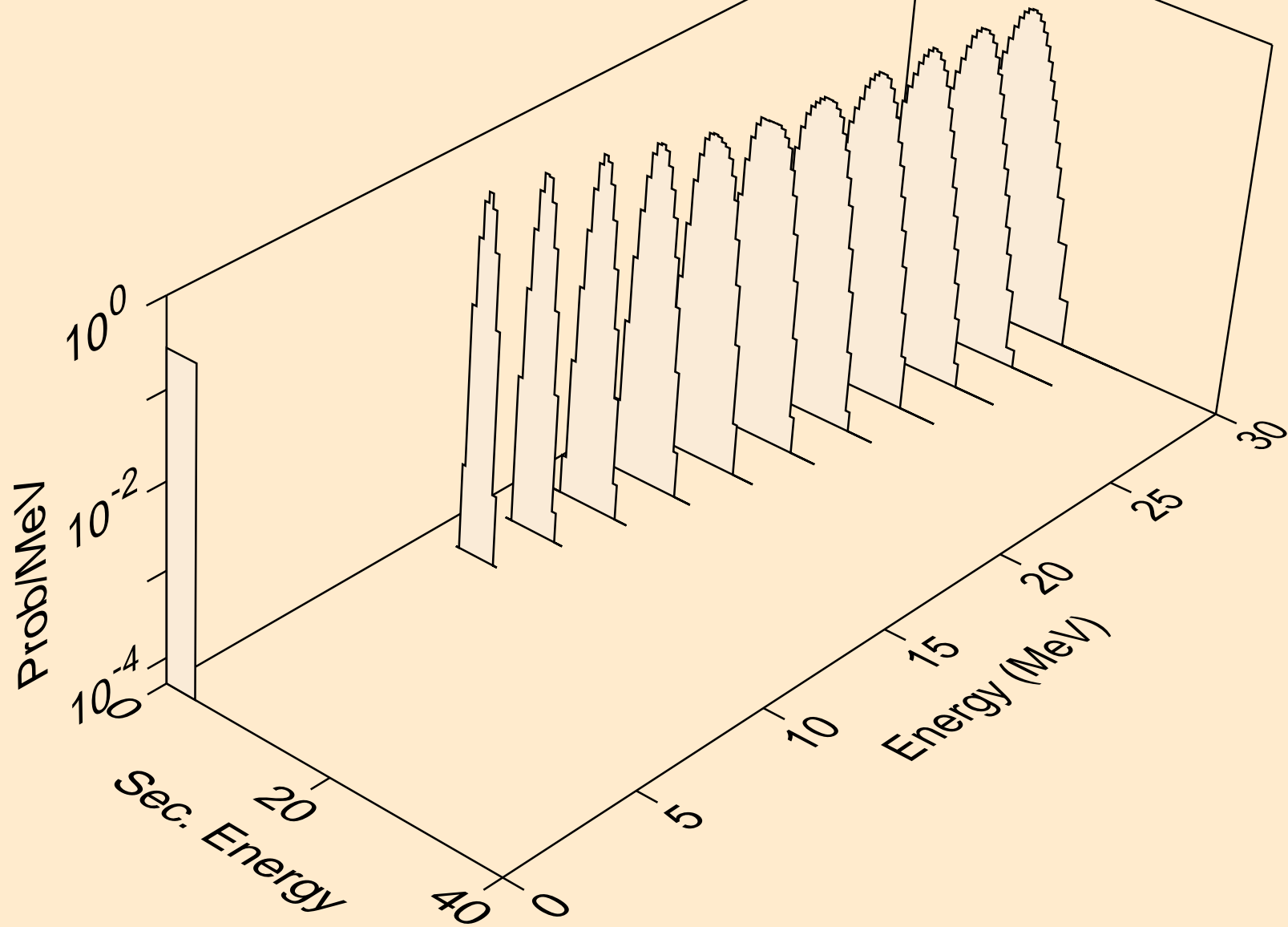
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



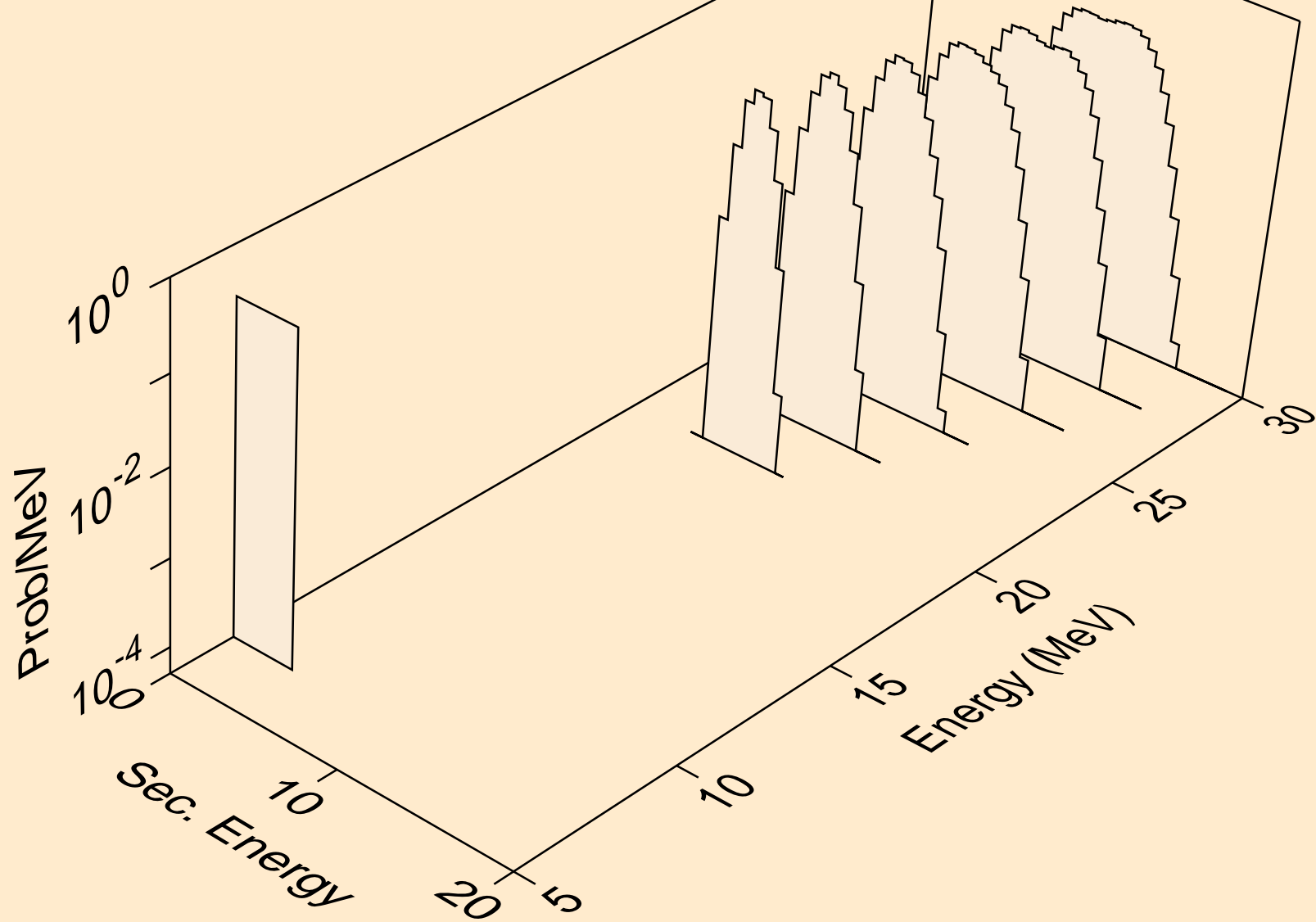
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

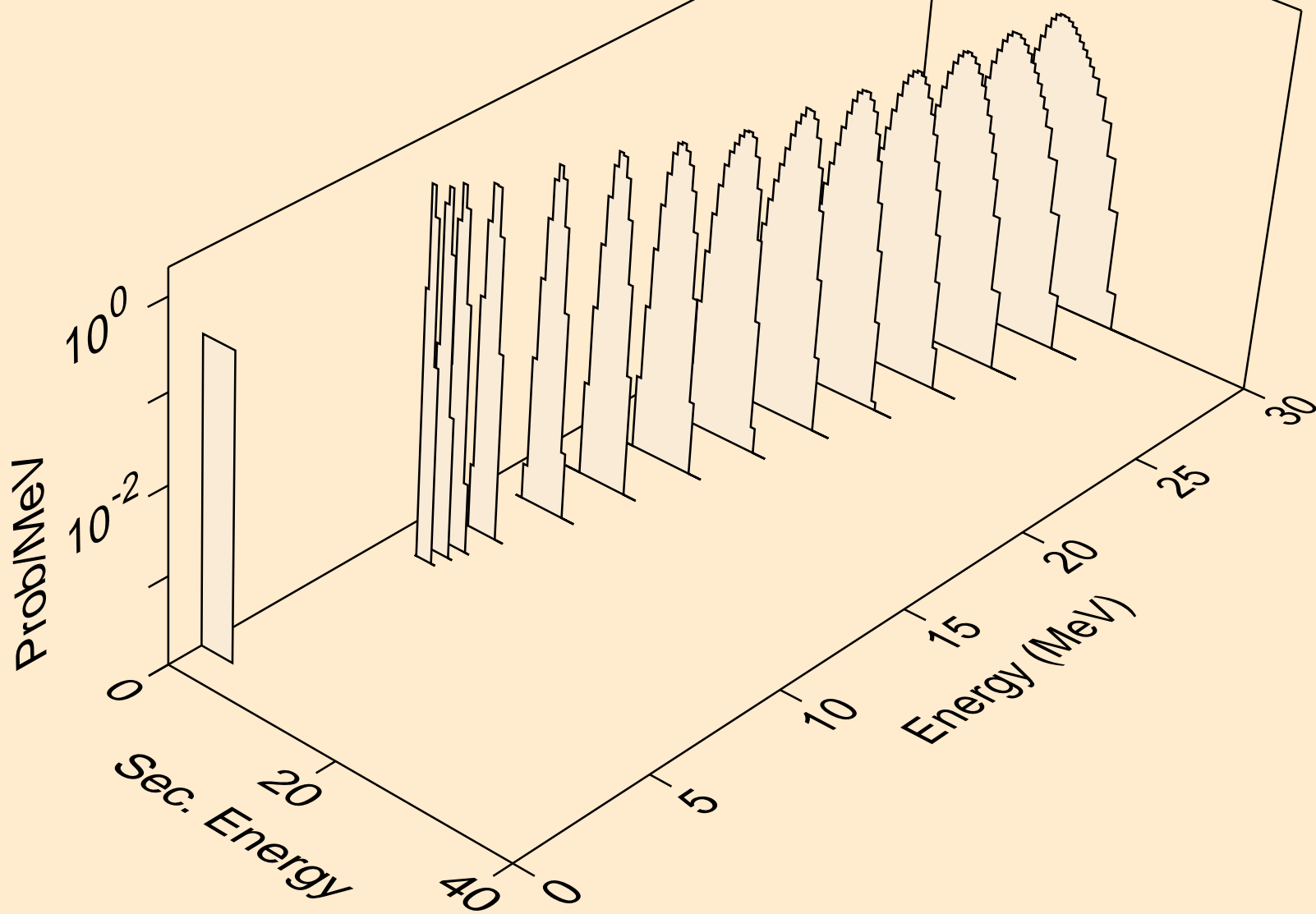


LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a

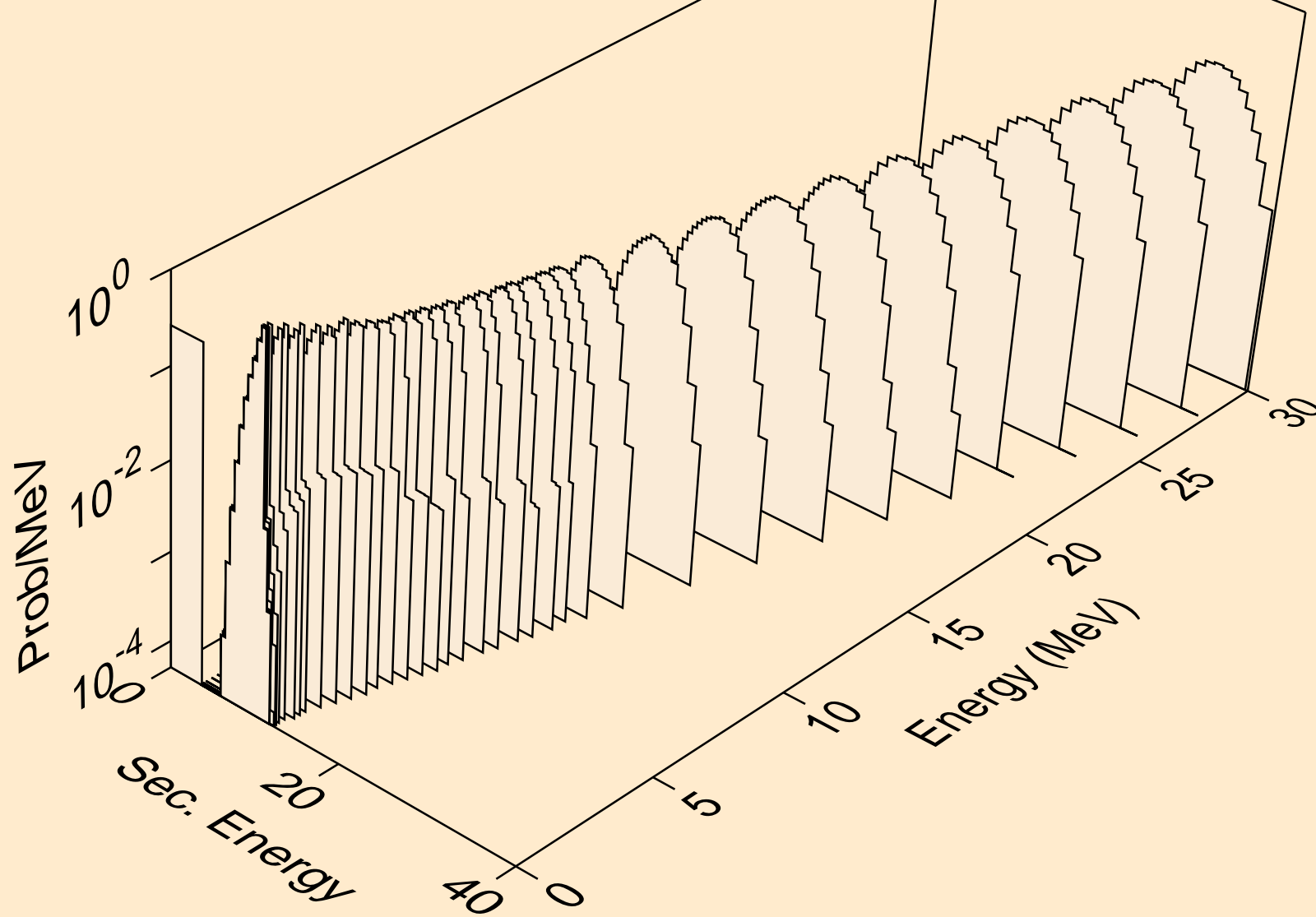




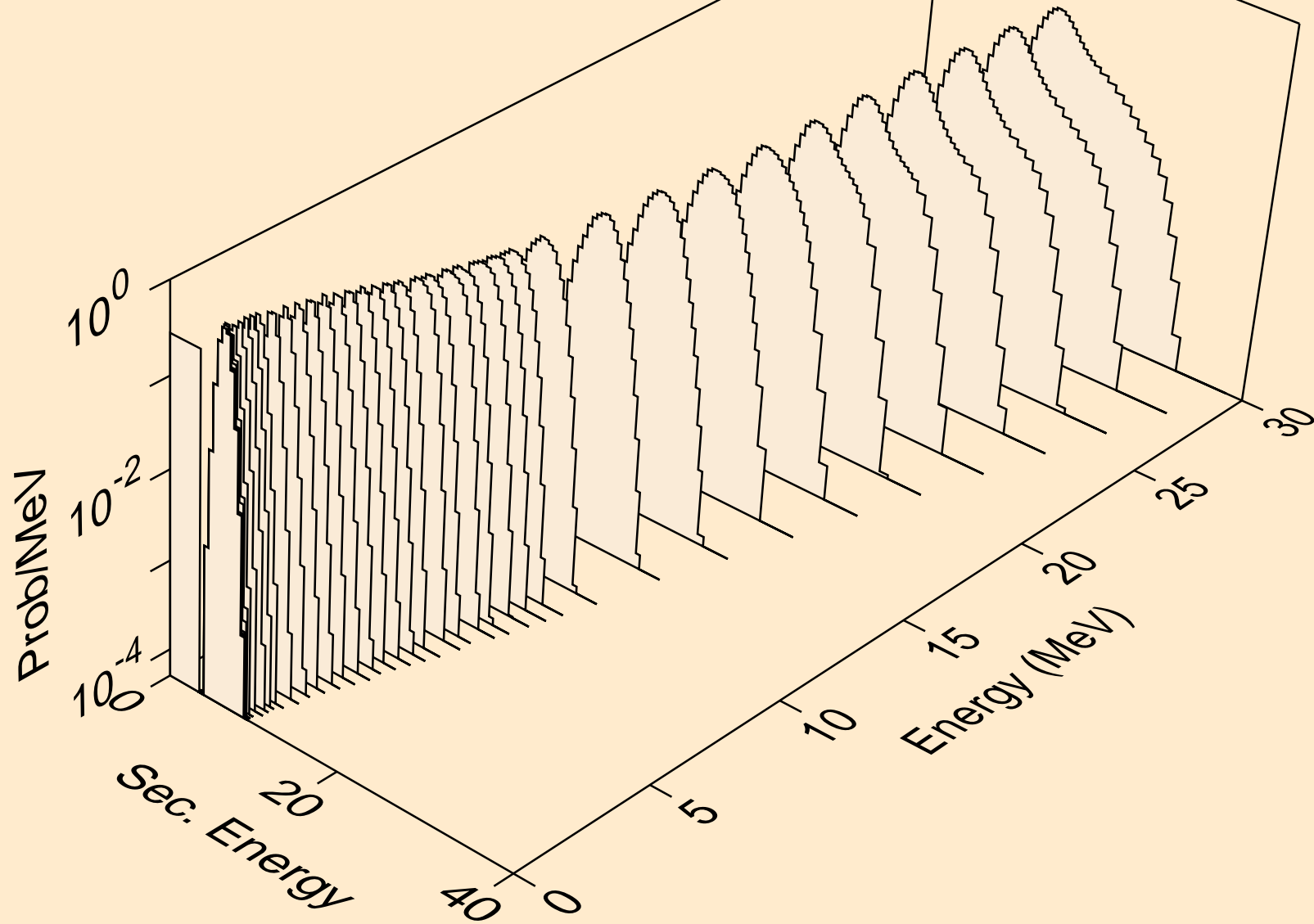
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



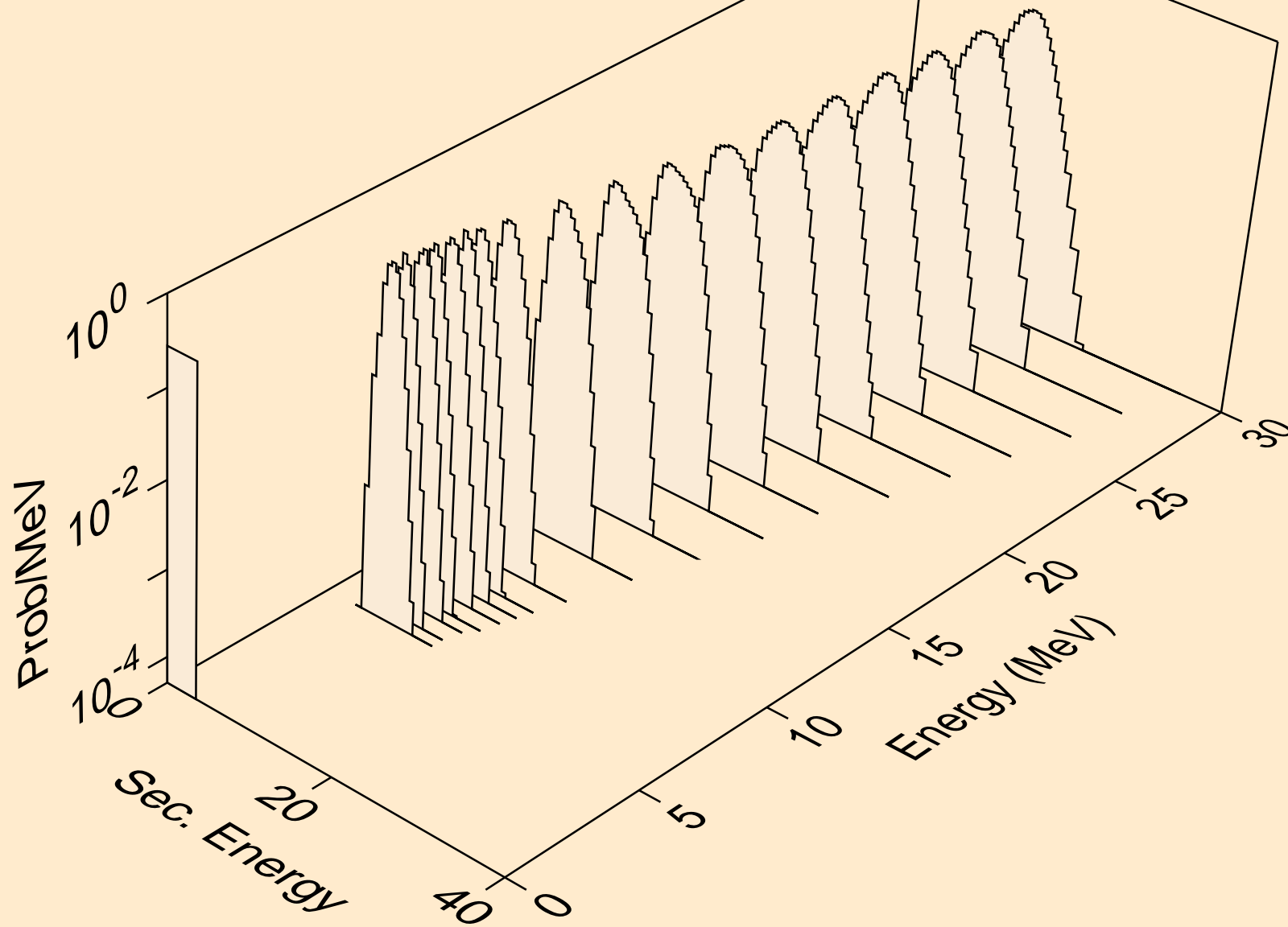
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



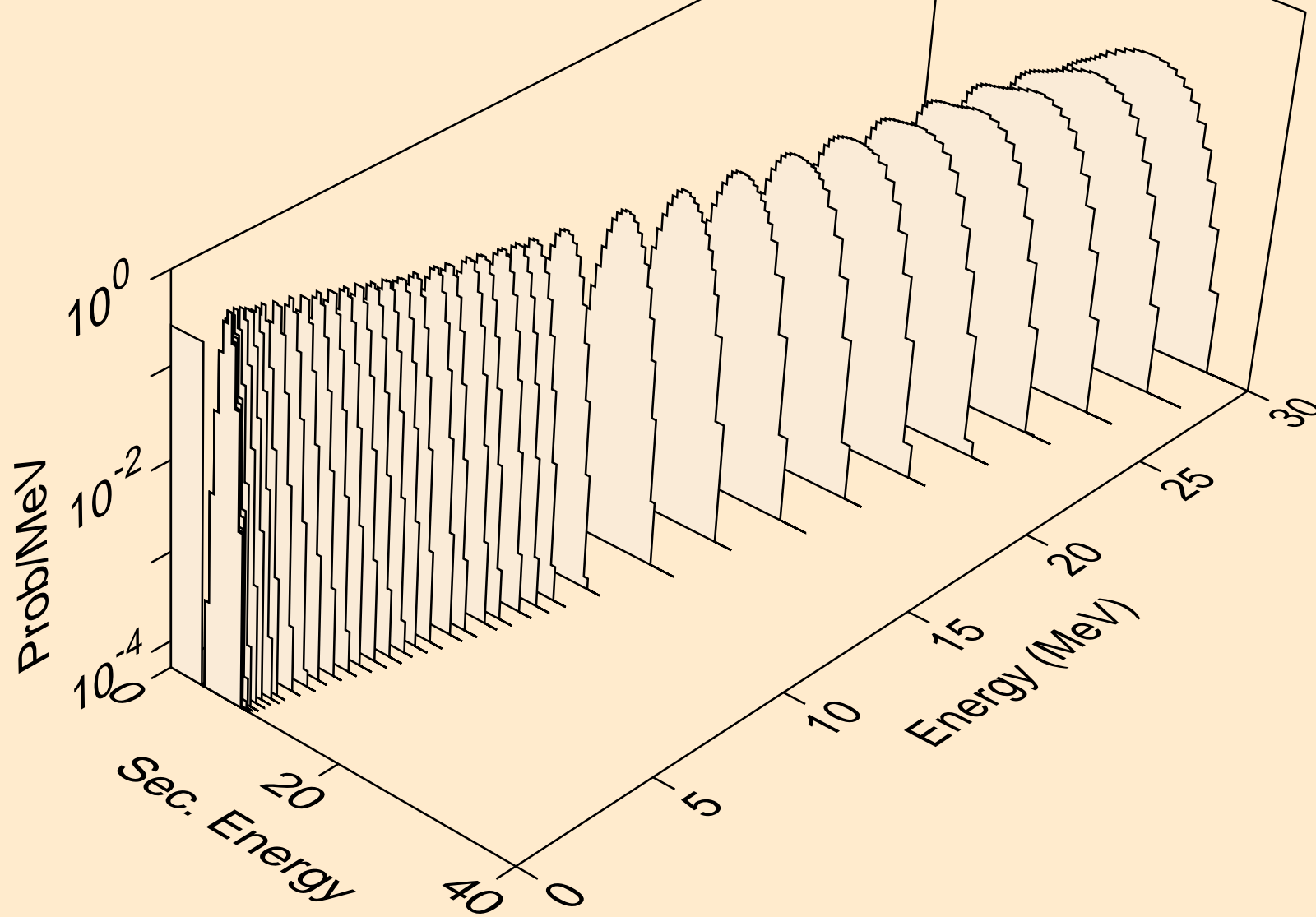
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



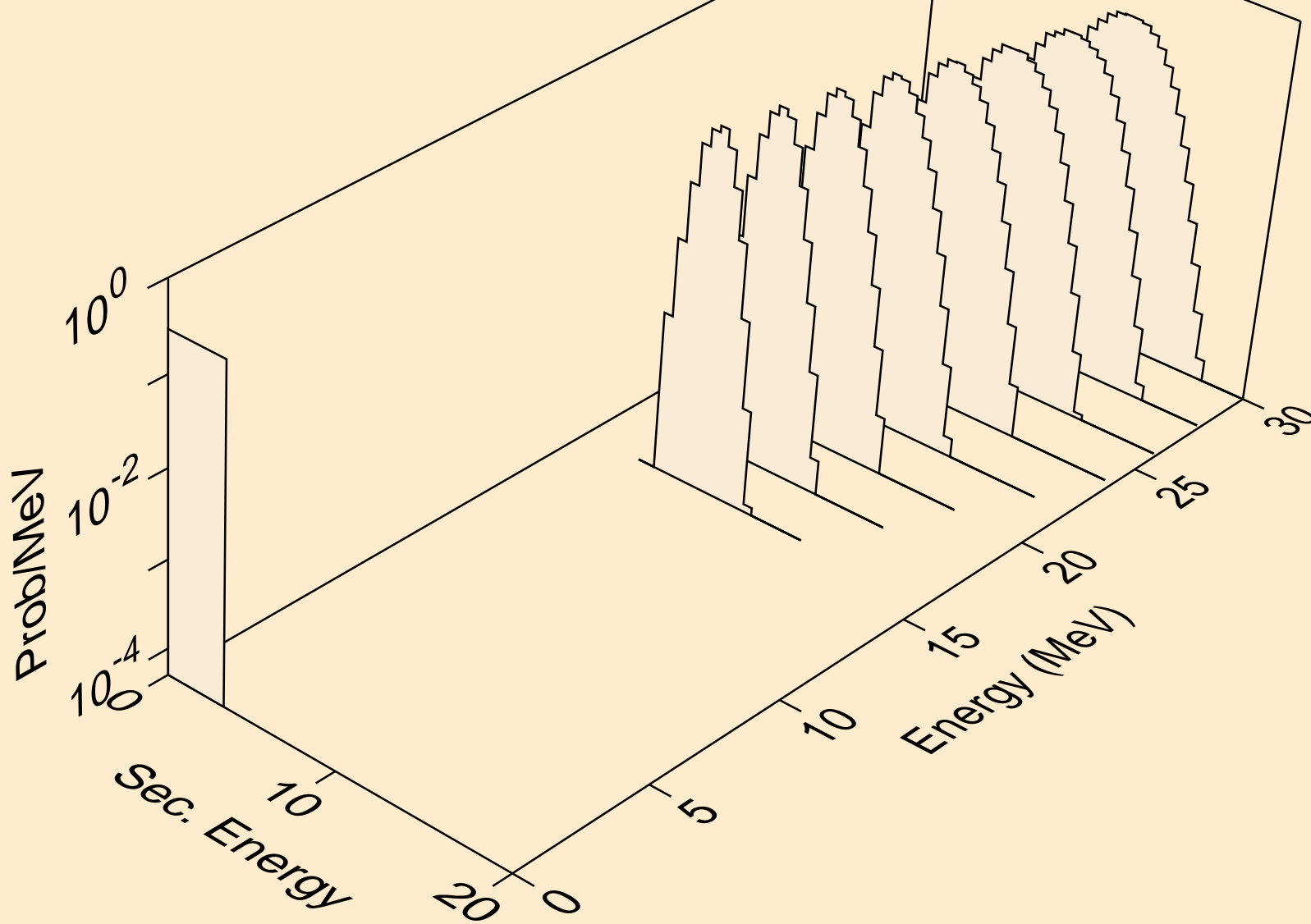
LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



LA124 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

