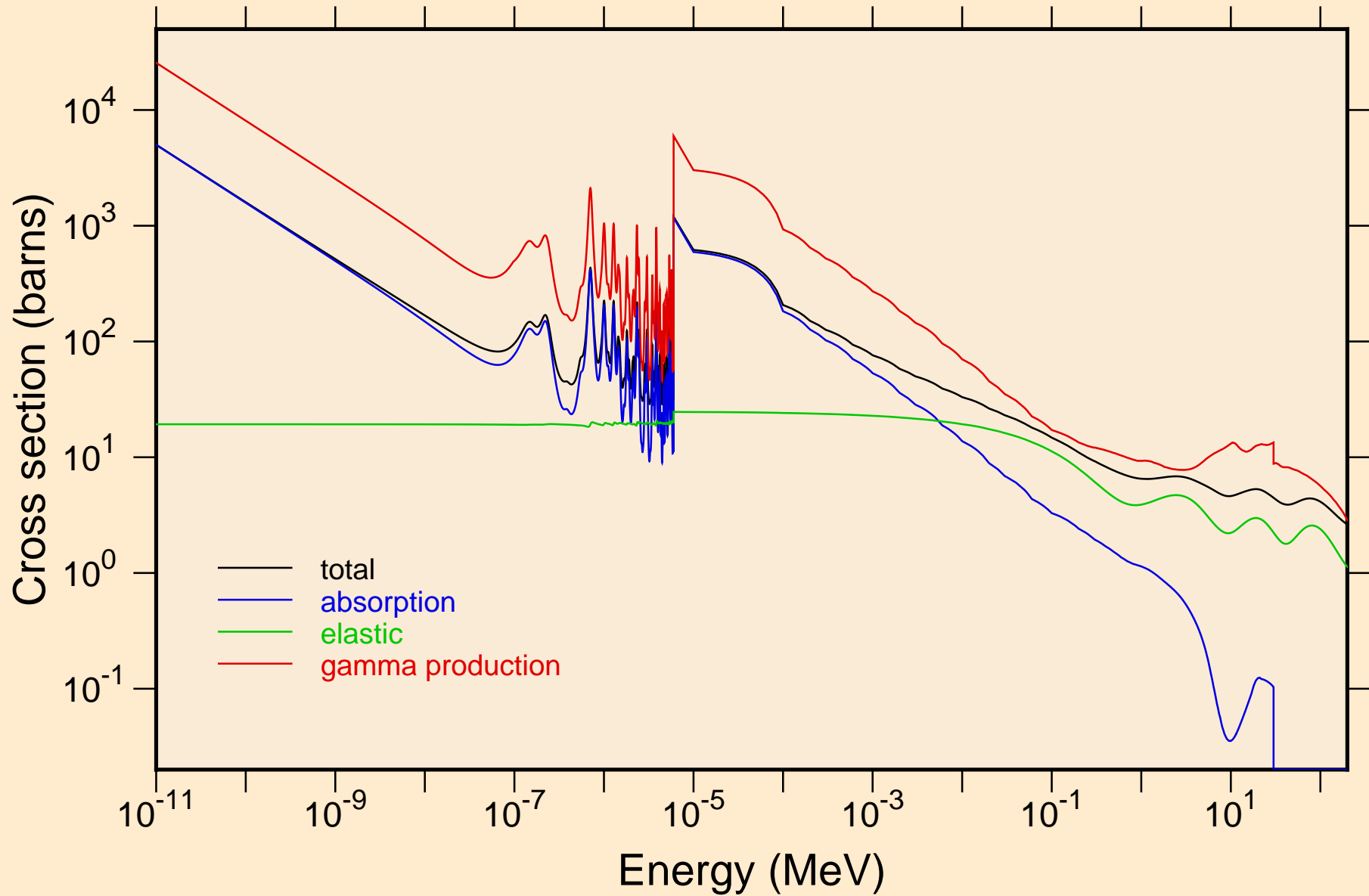
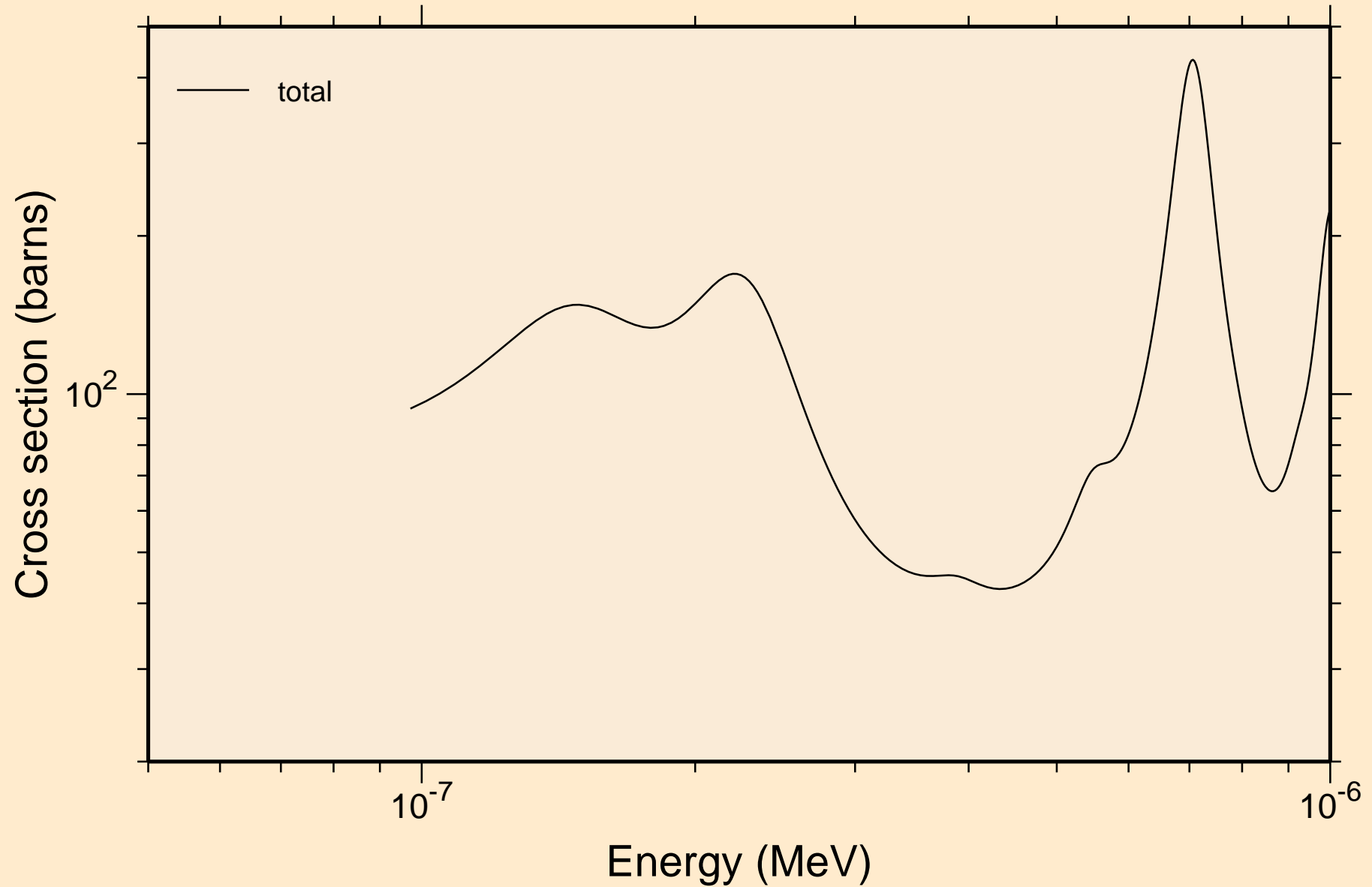


# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

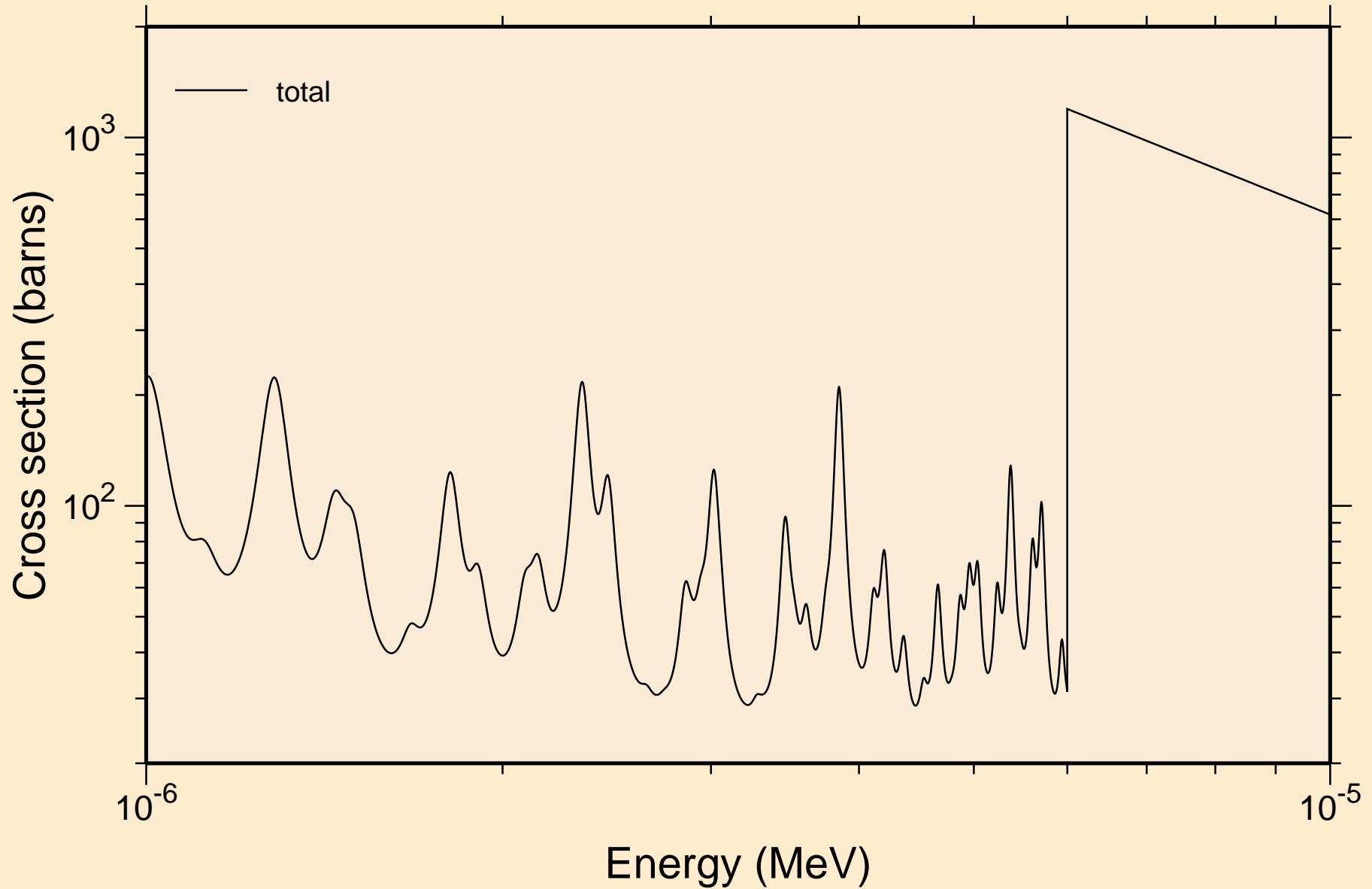
## Principal cross sections



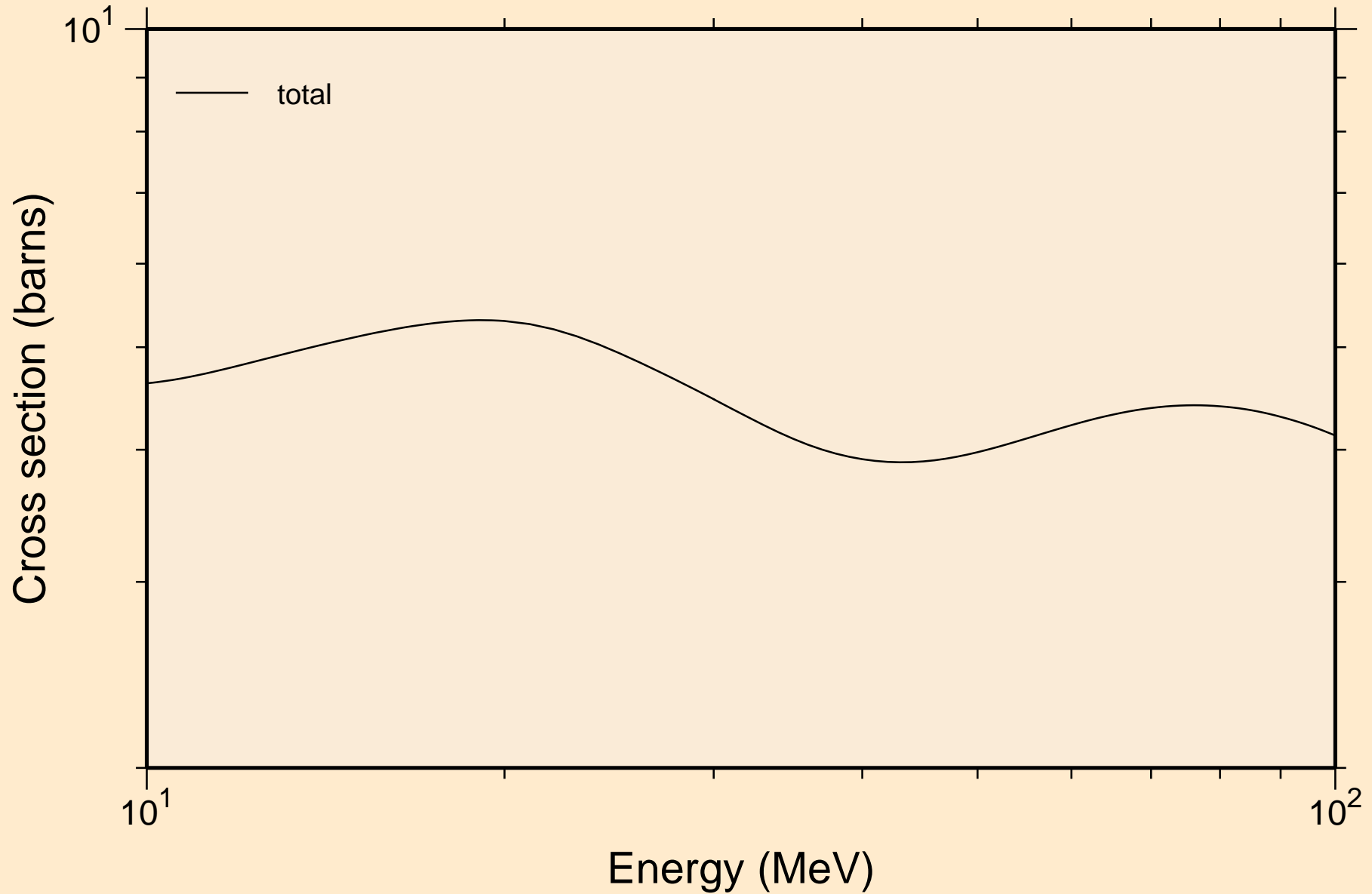
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



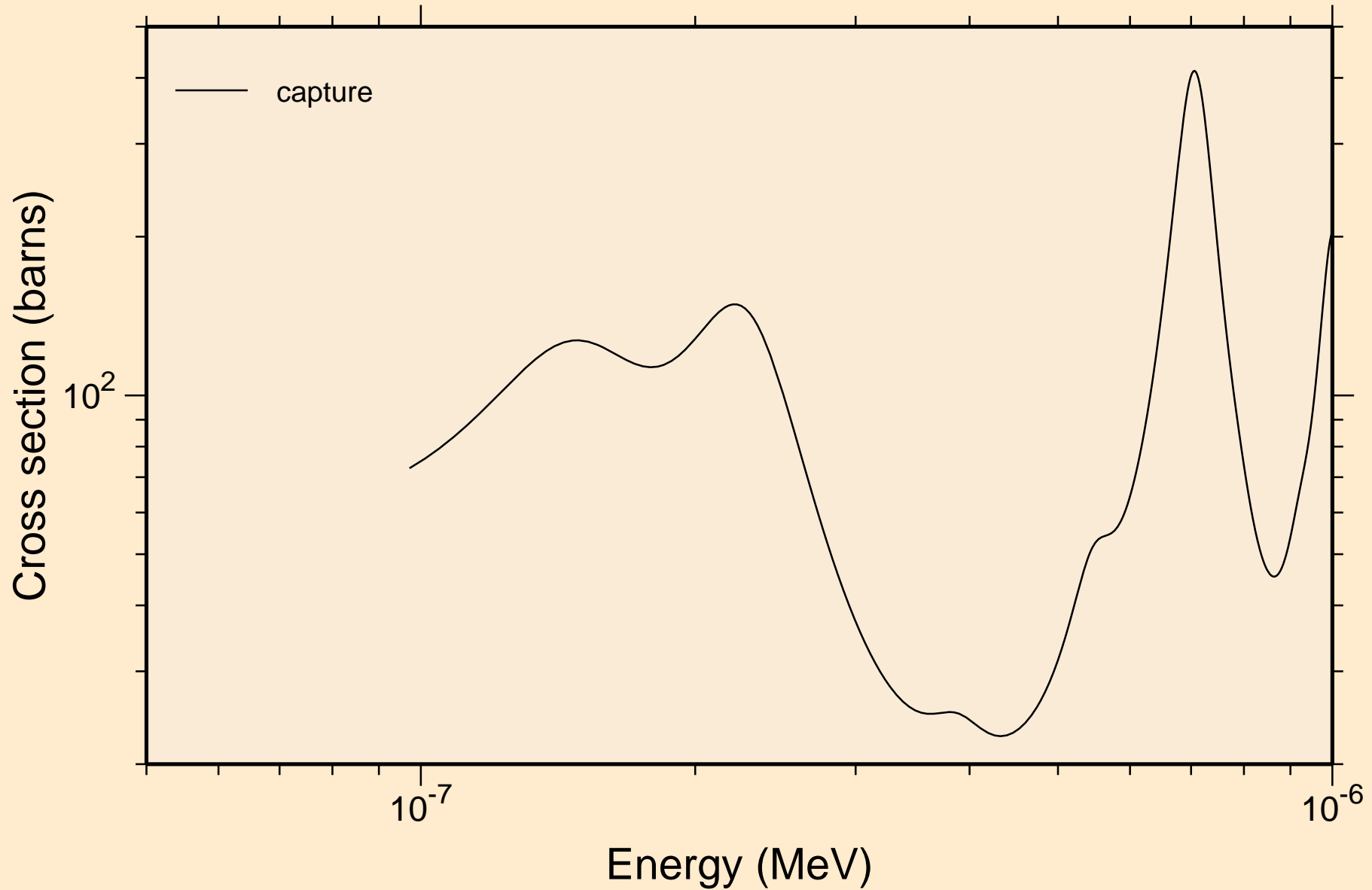
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



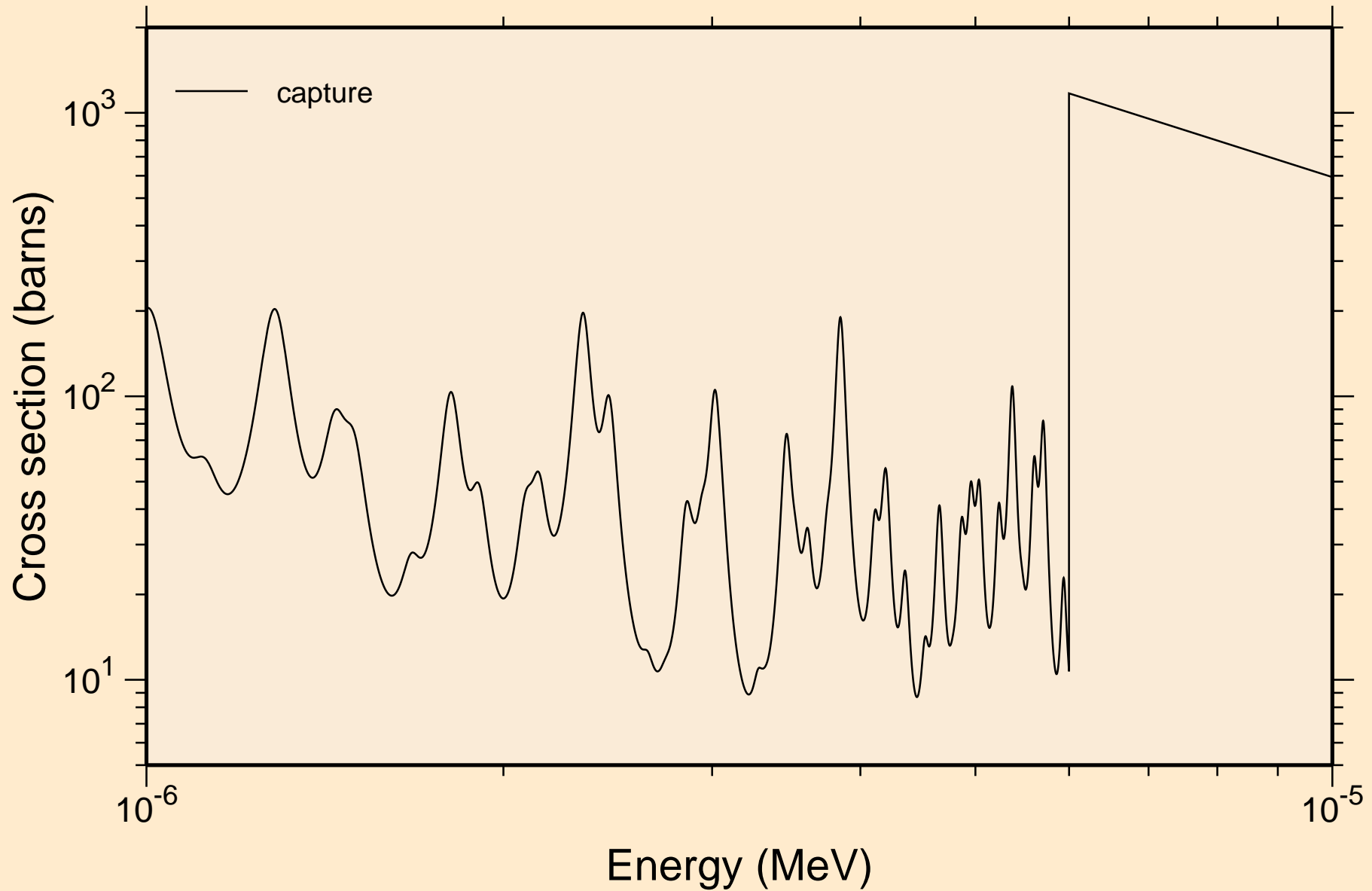
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



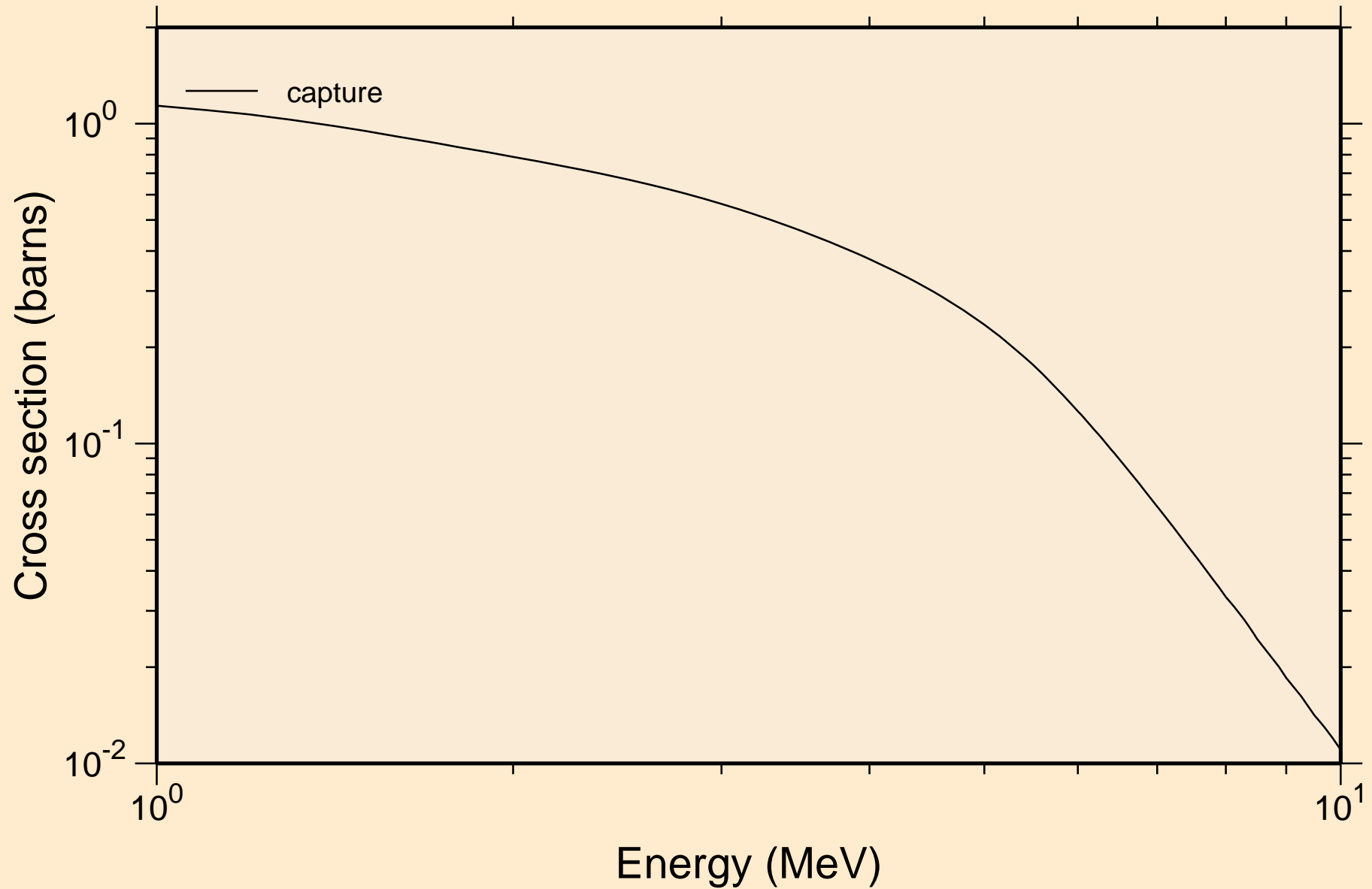
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

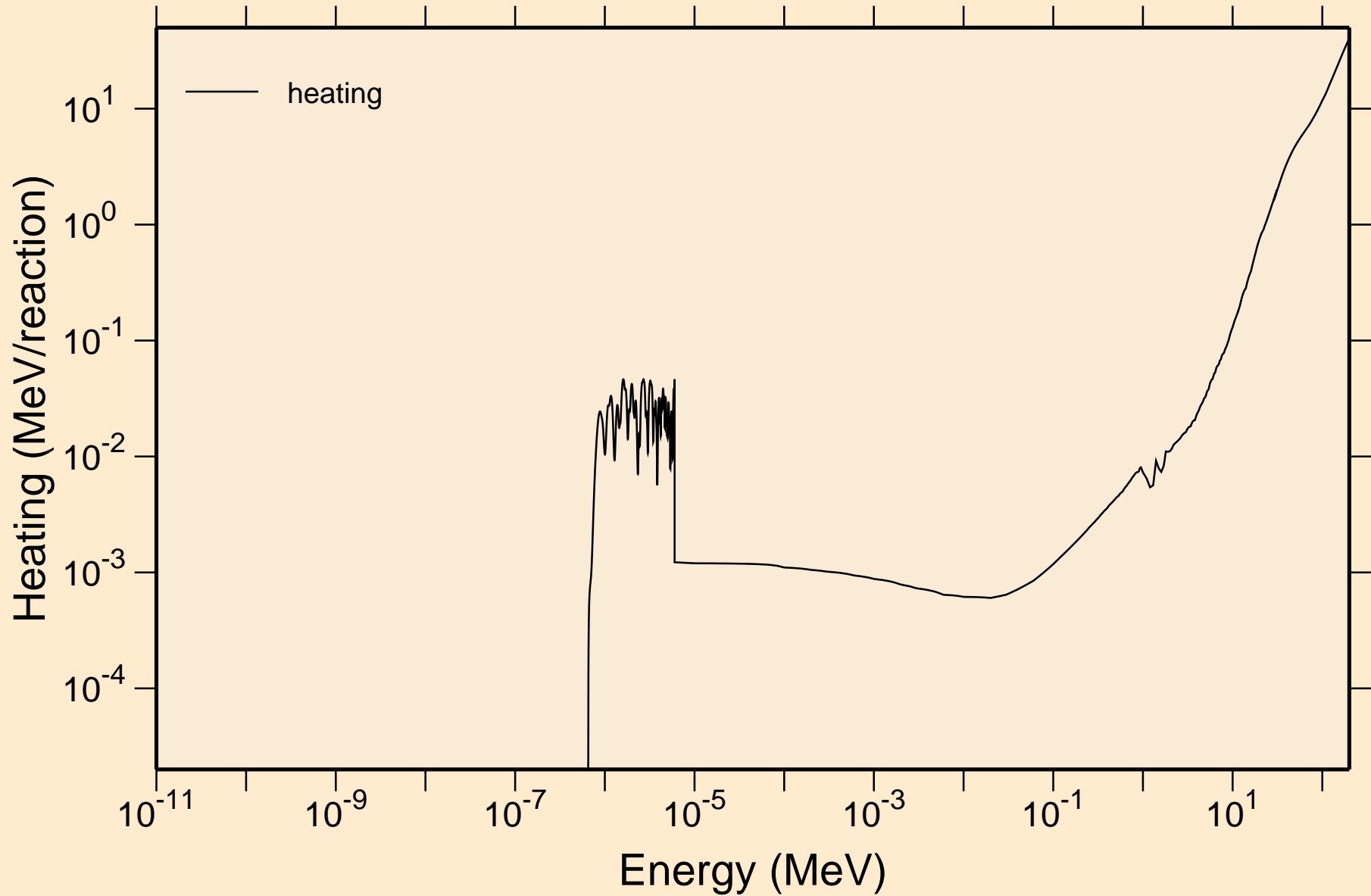


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

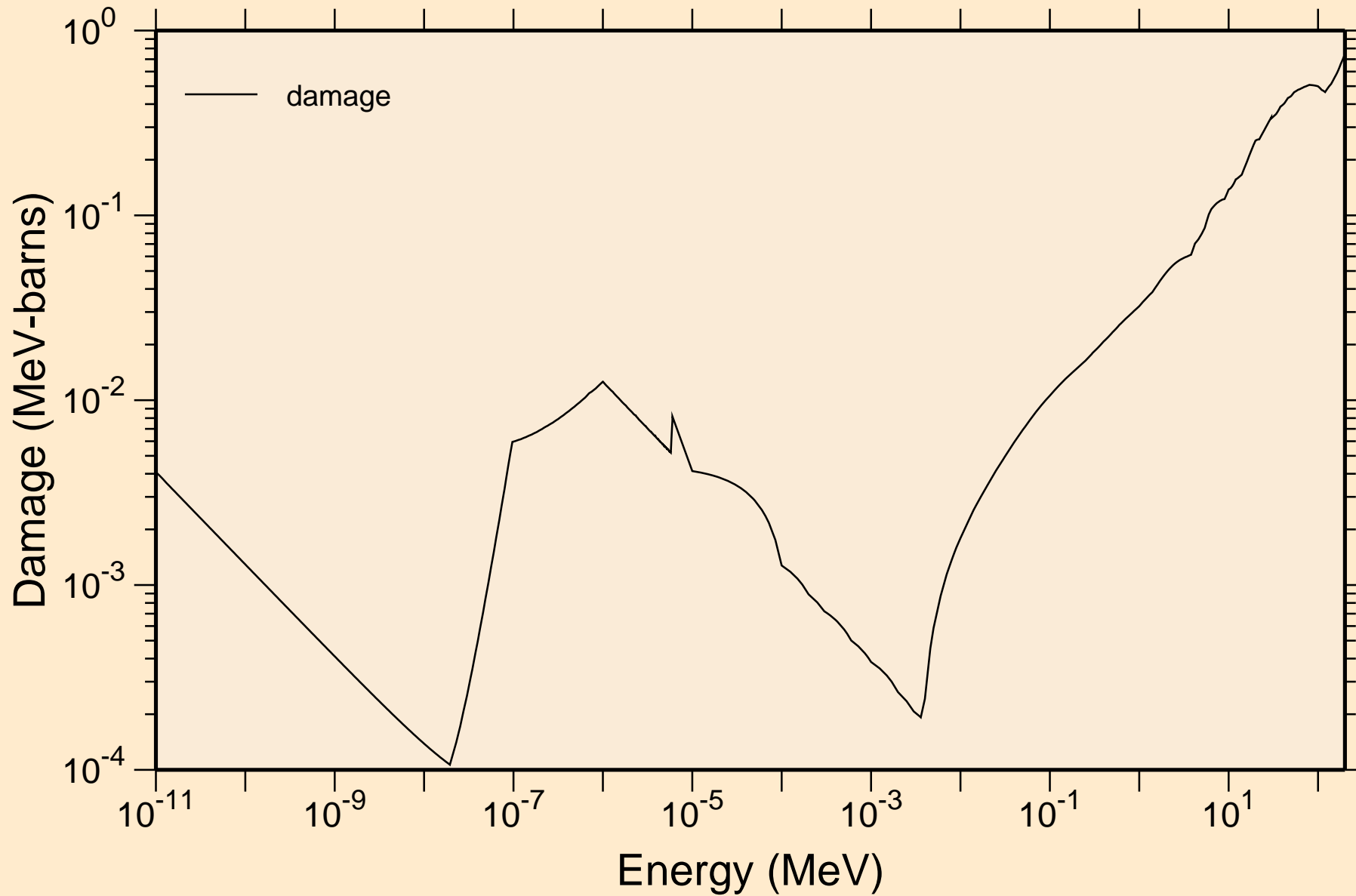
Heating



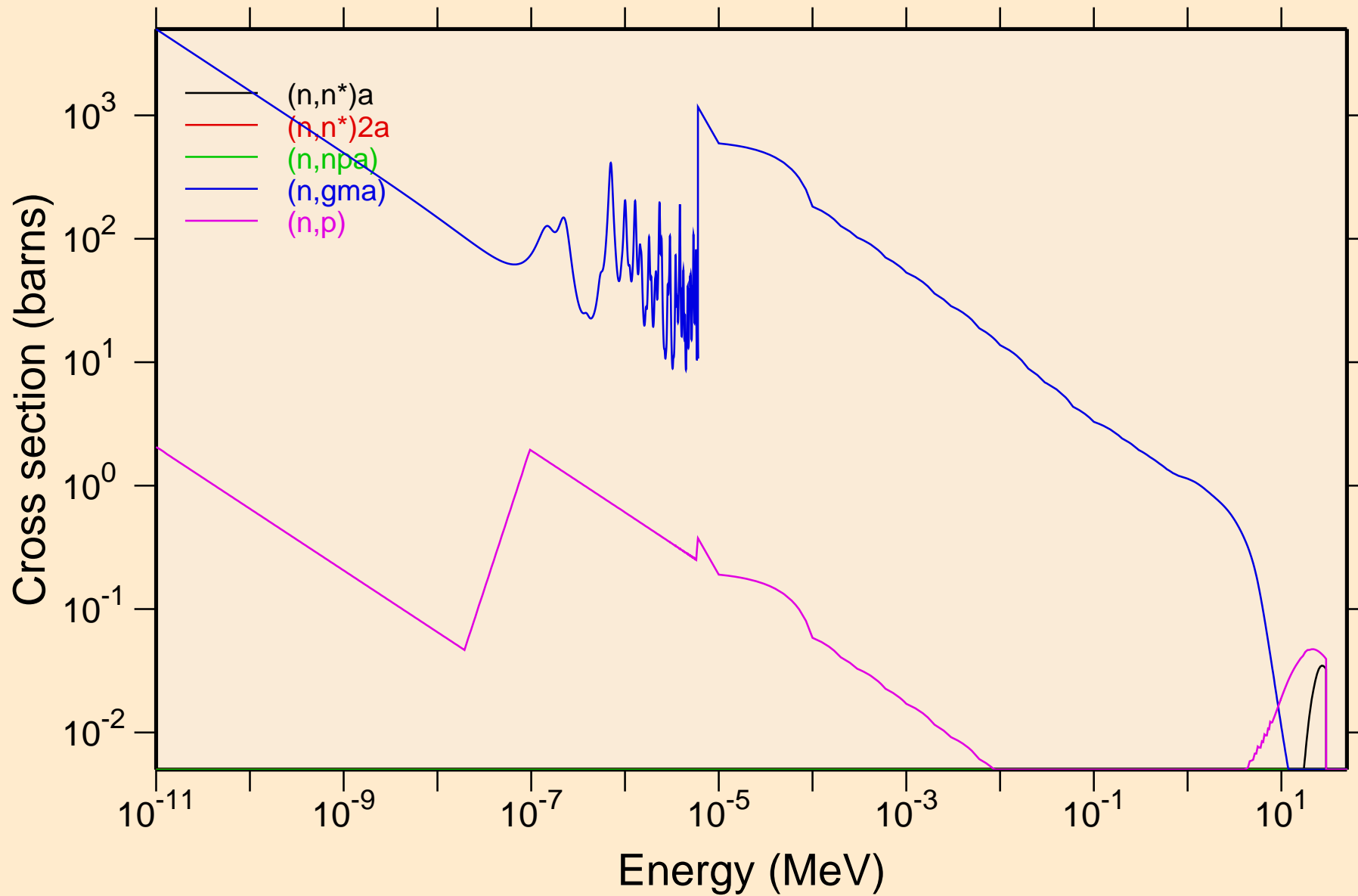


# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

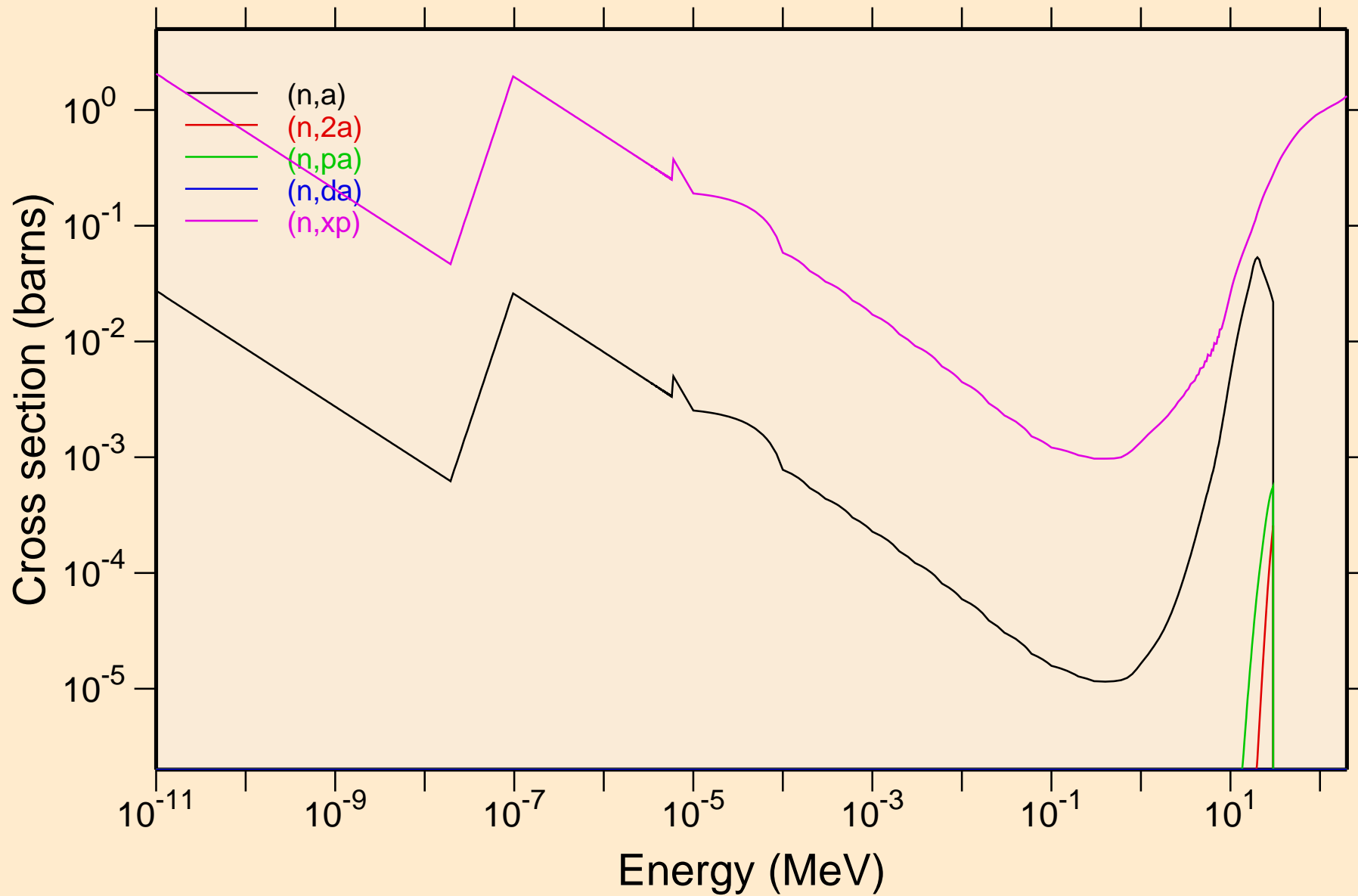
## Damage



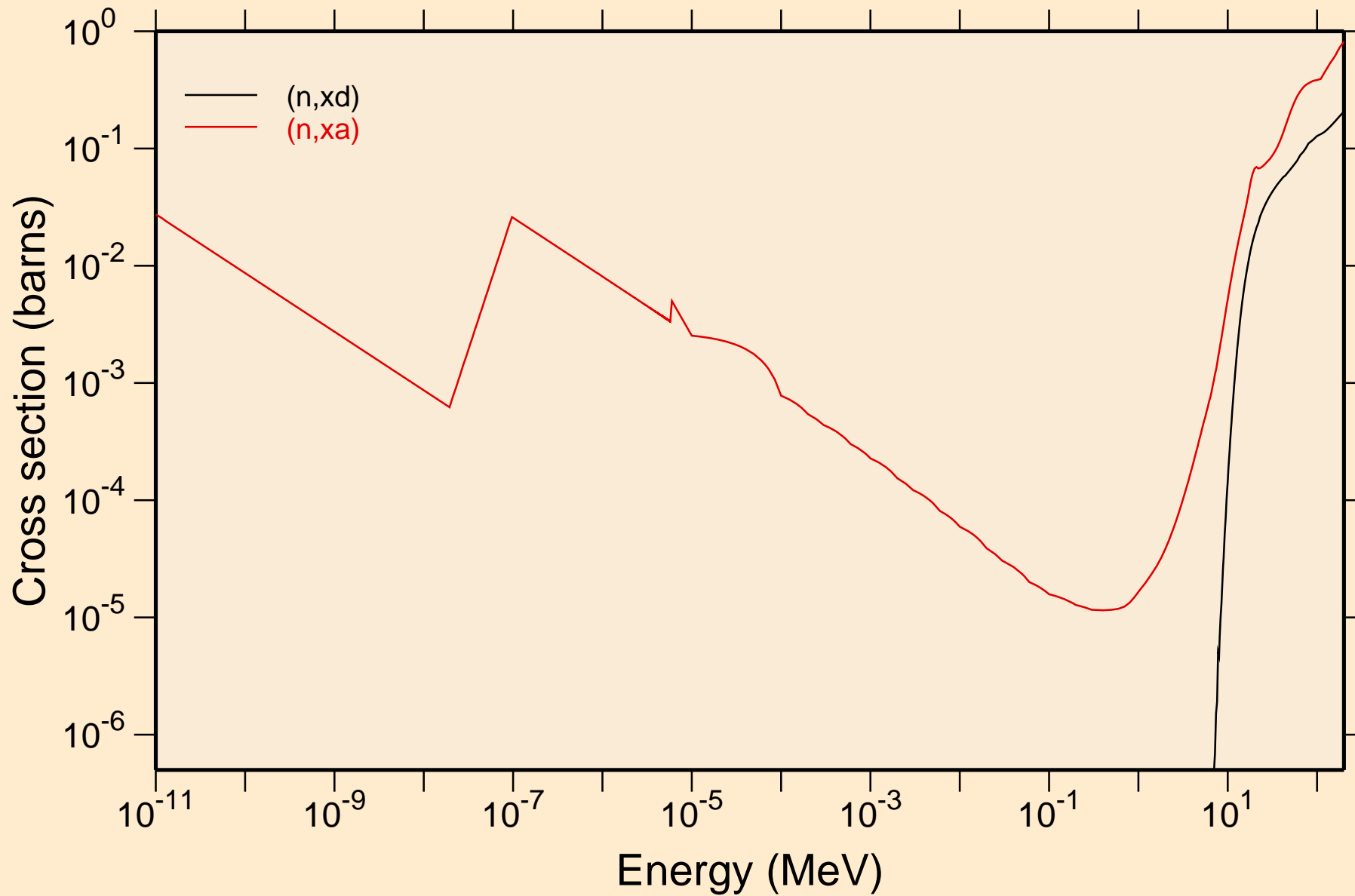
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

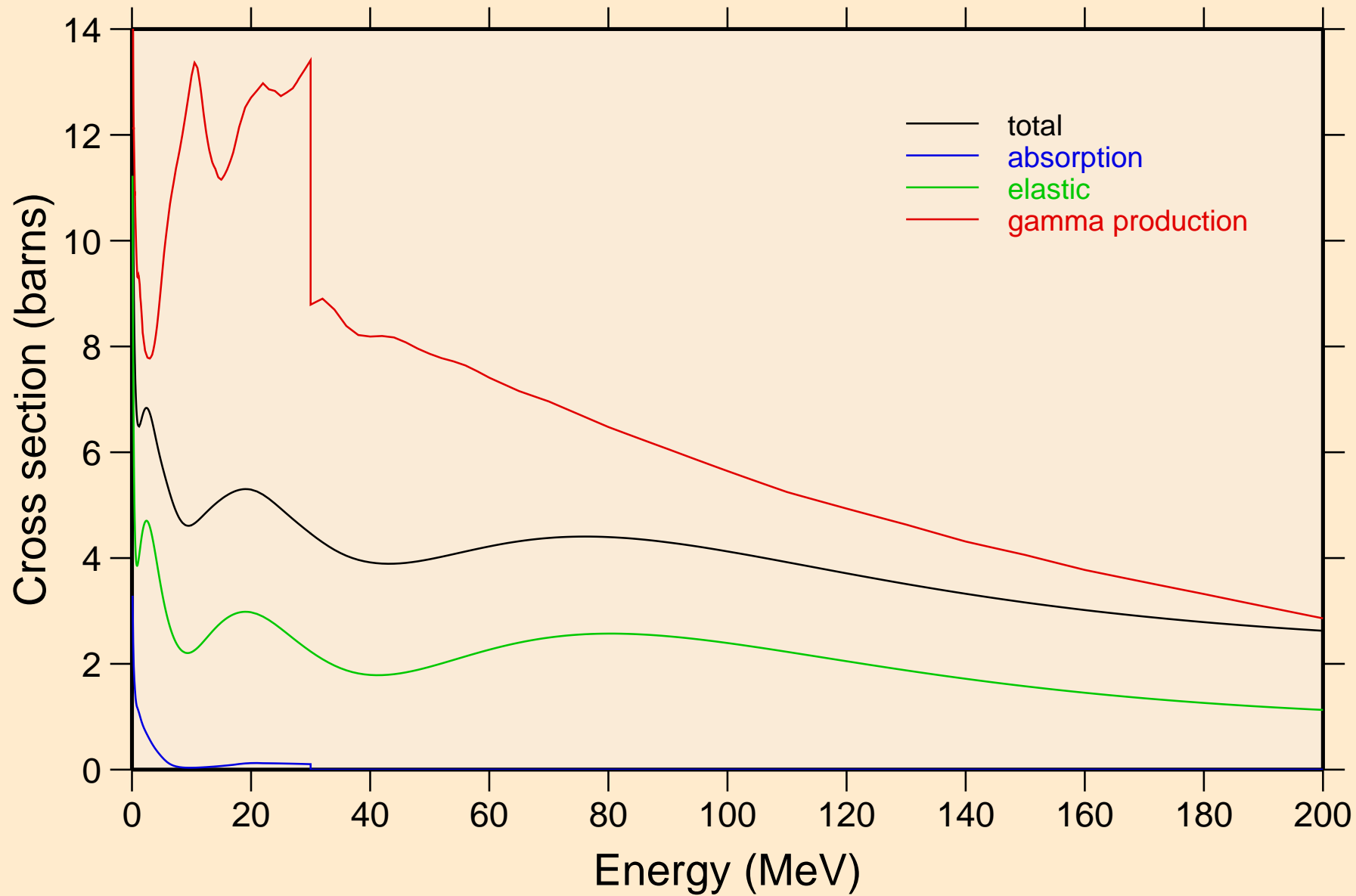


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



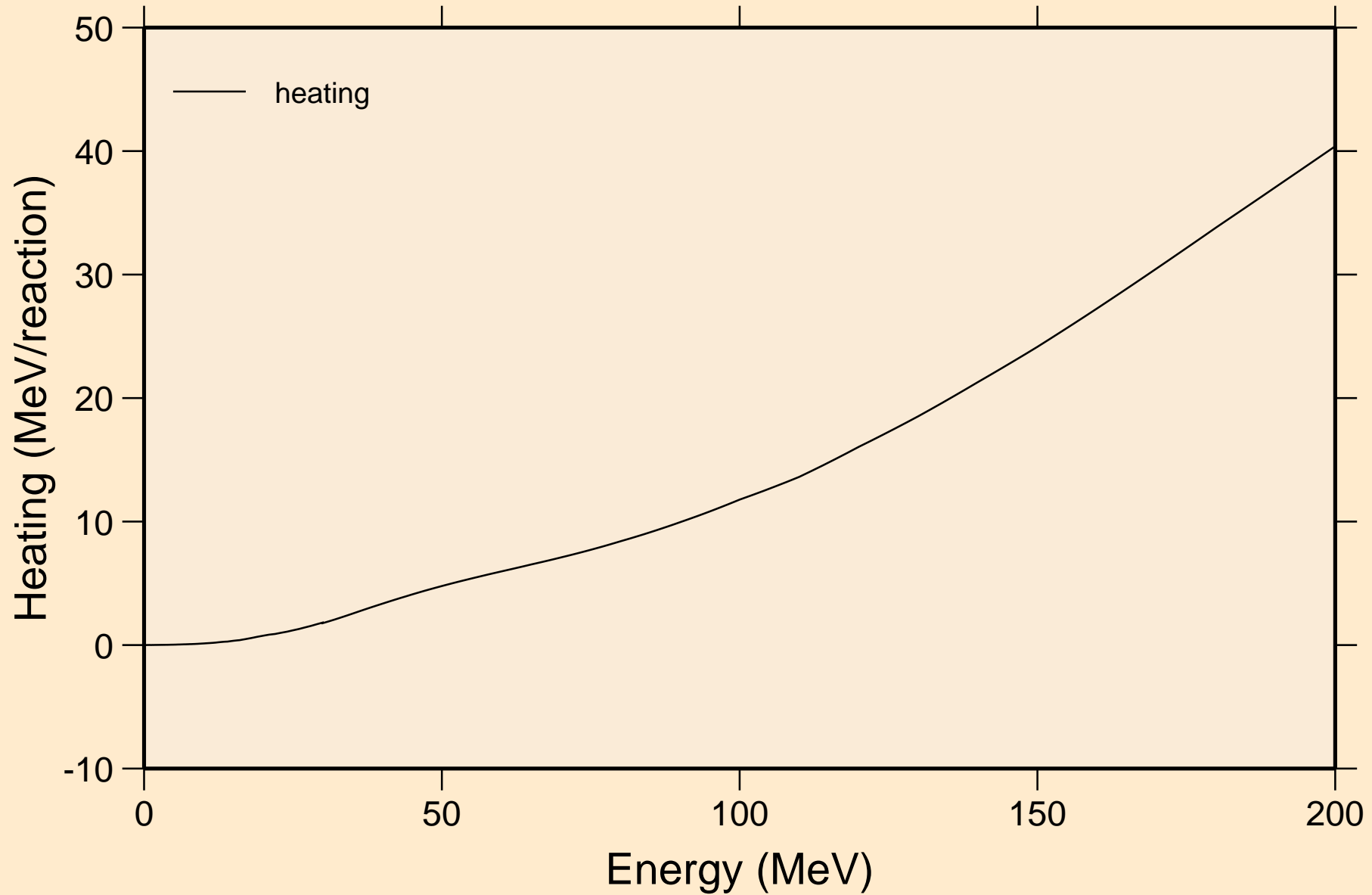
# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

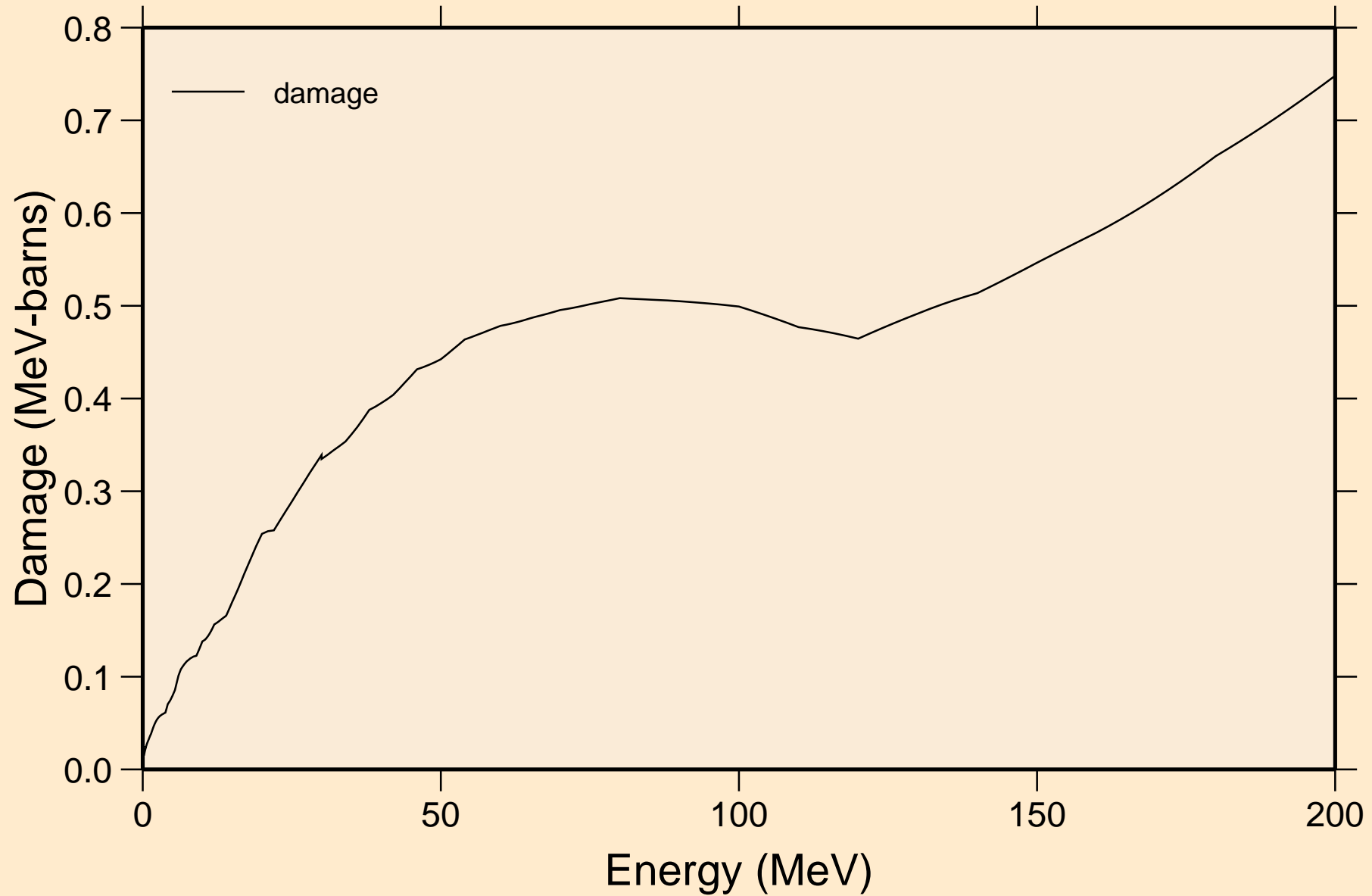


# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

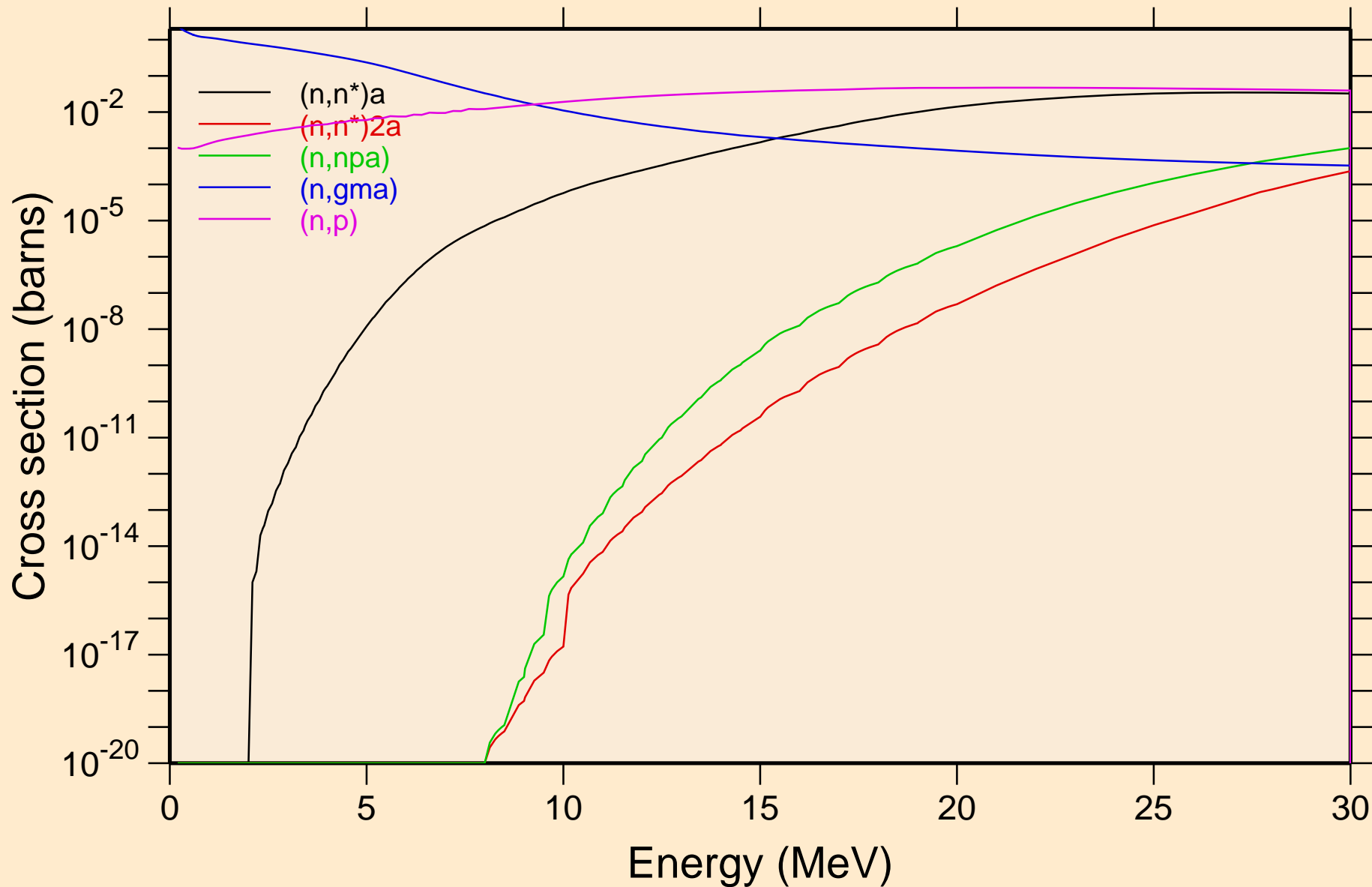


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



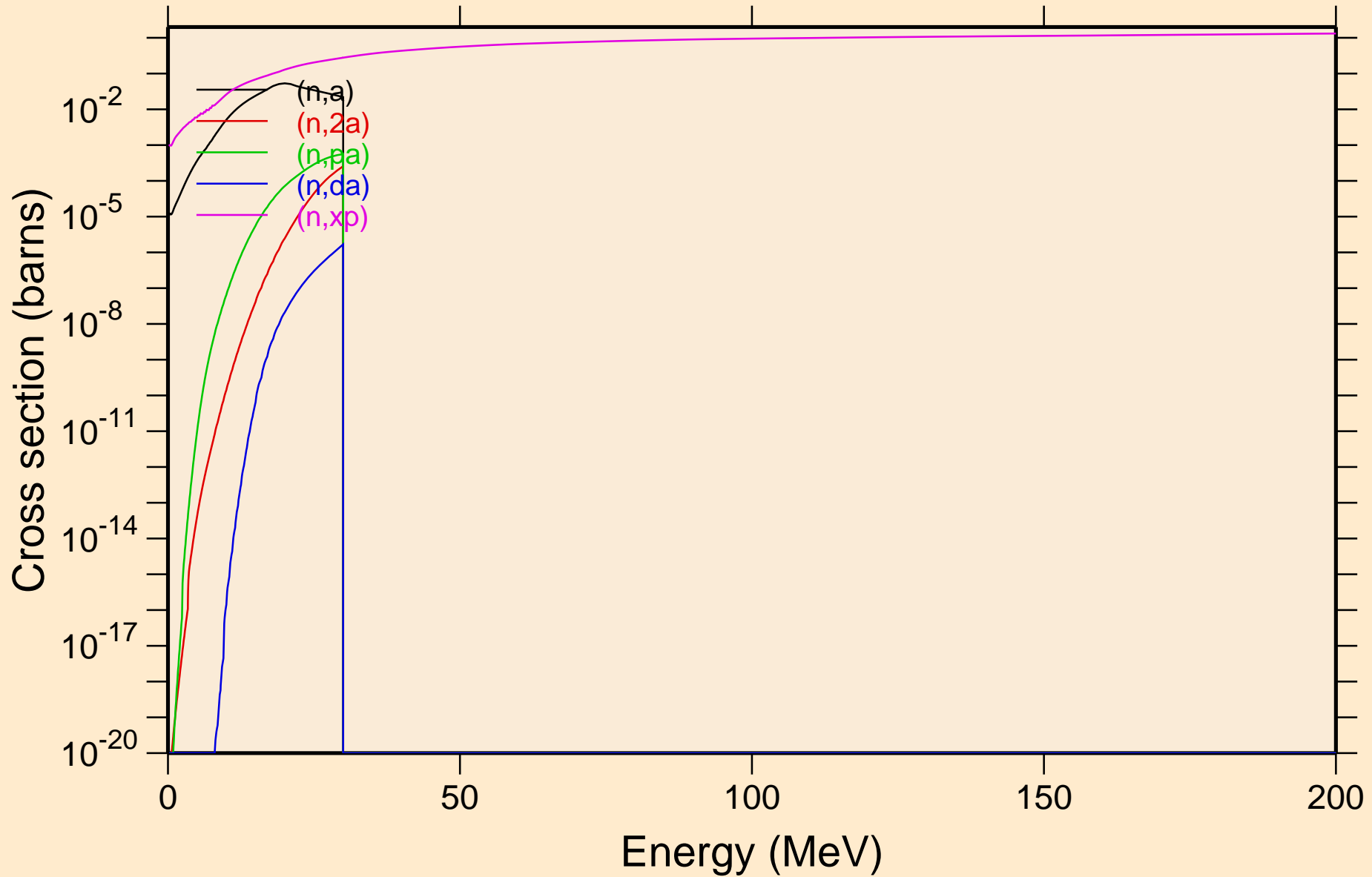
# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

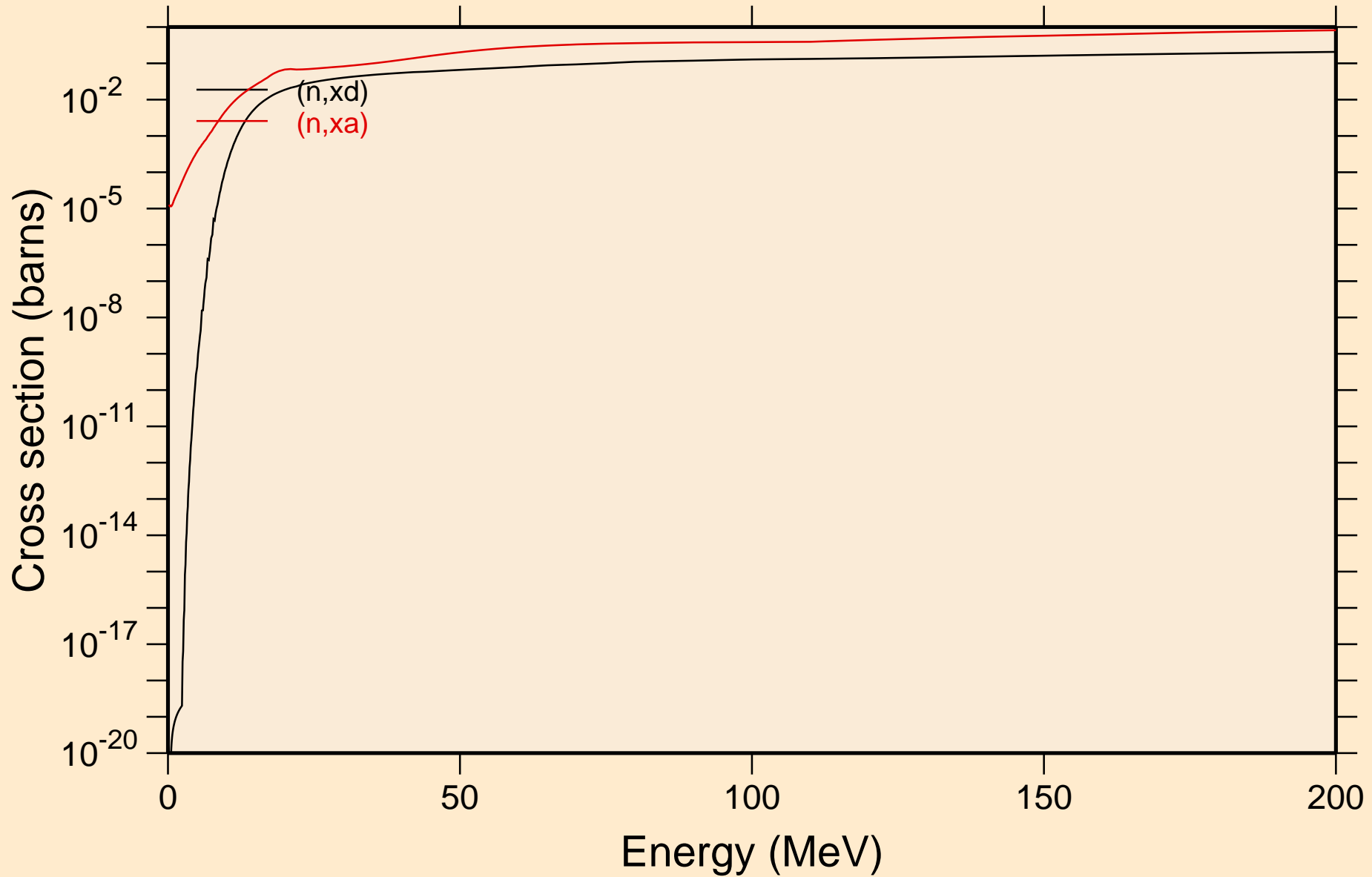




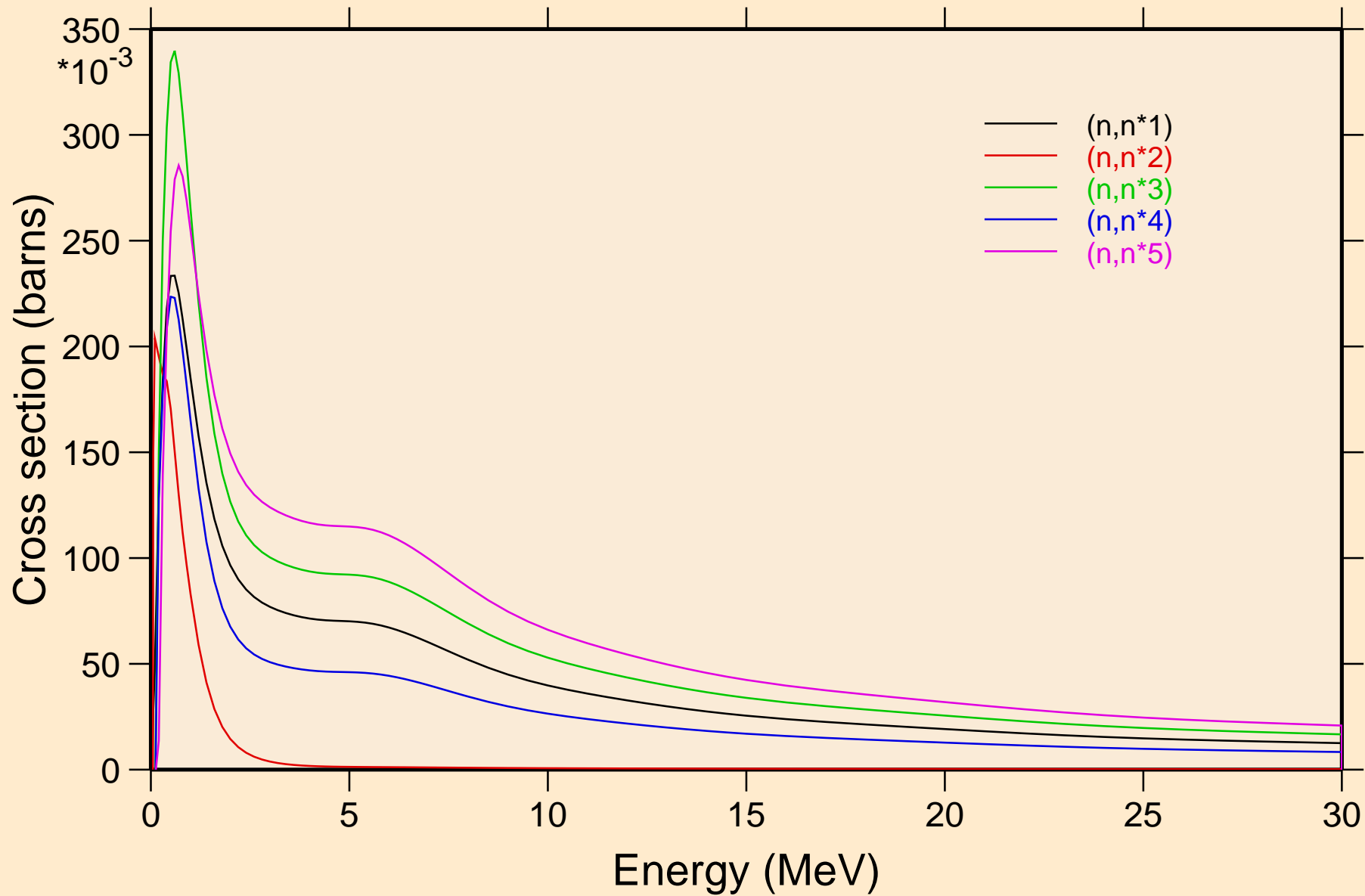
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



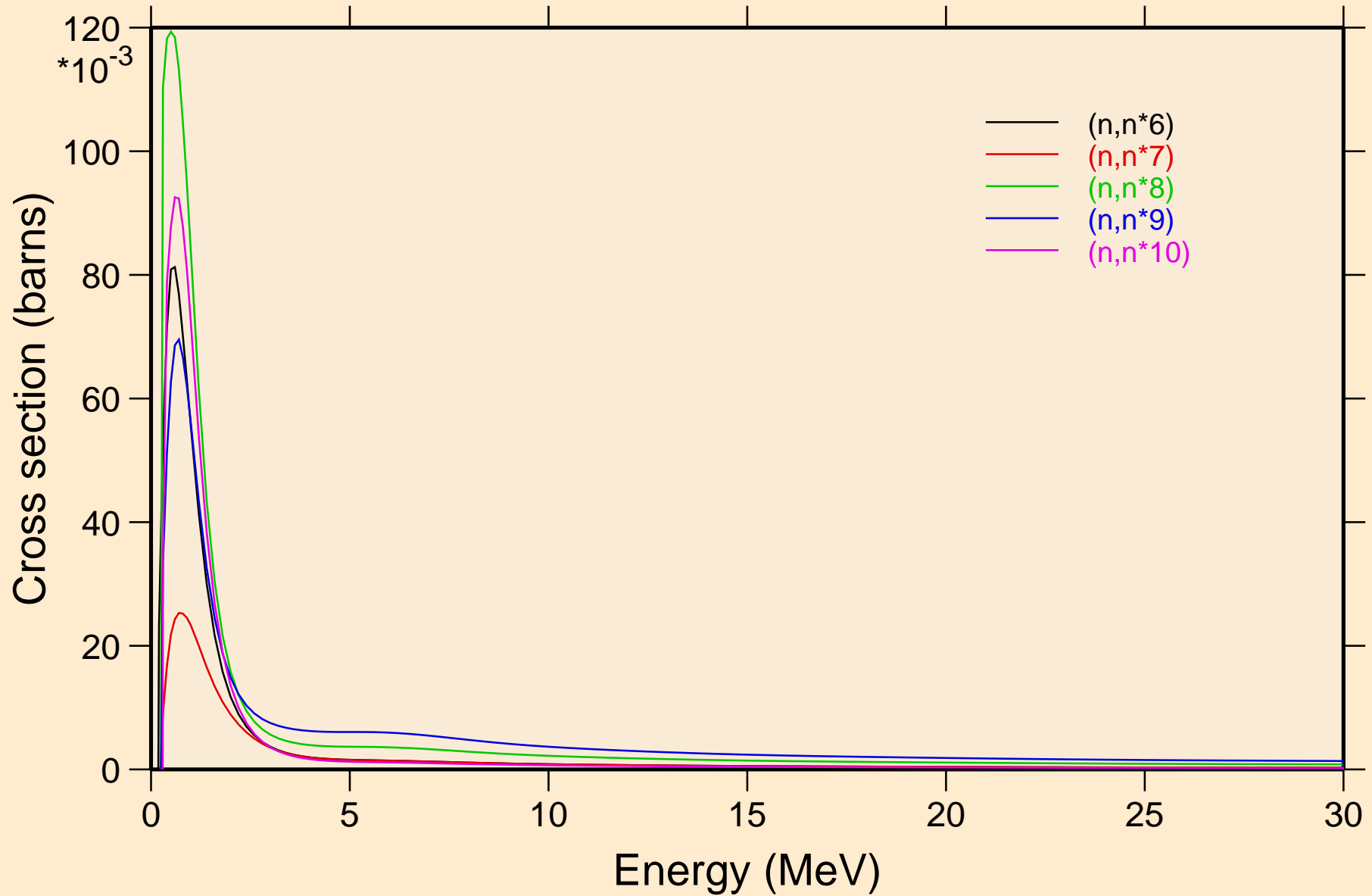
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



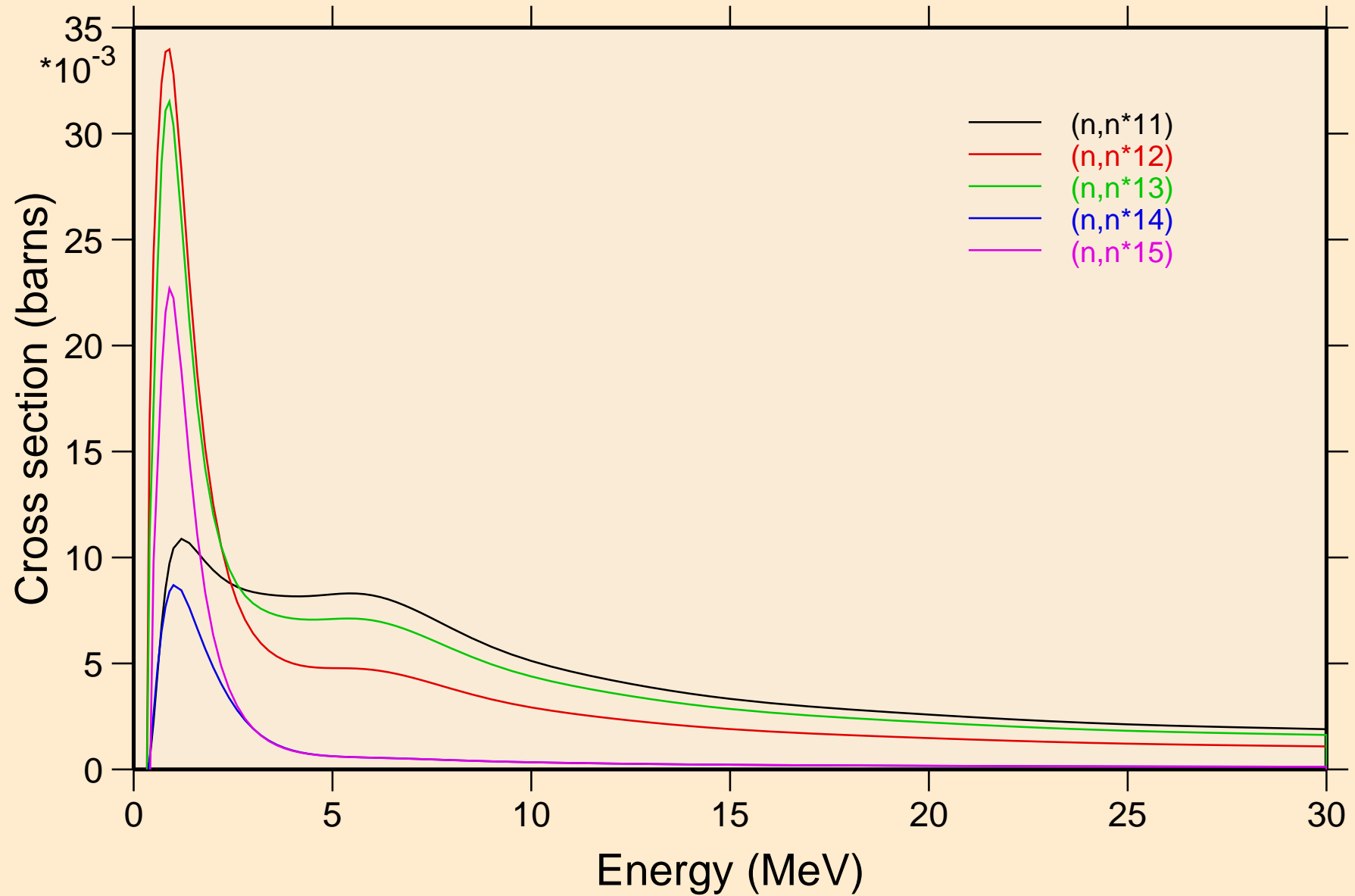
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



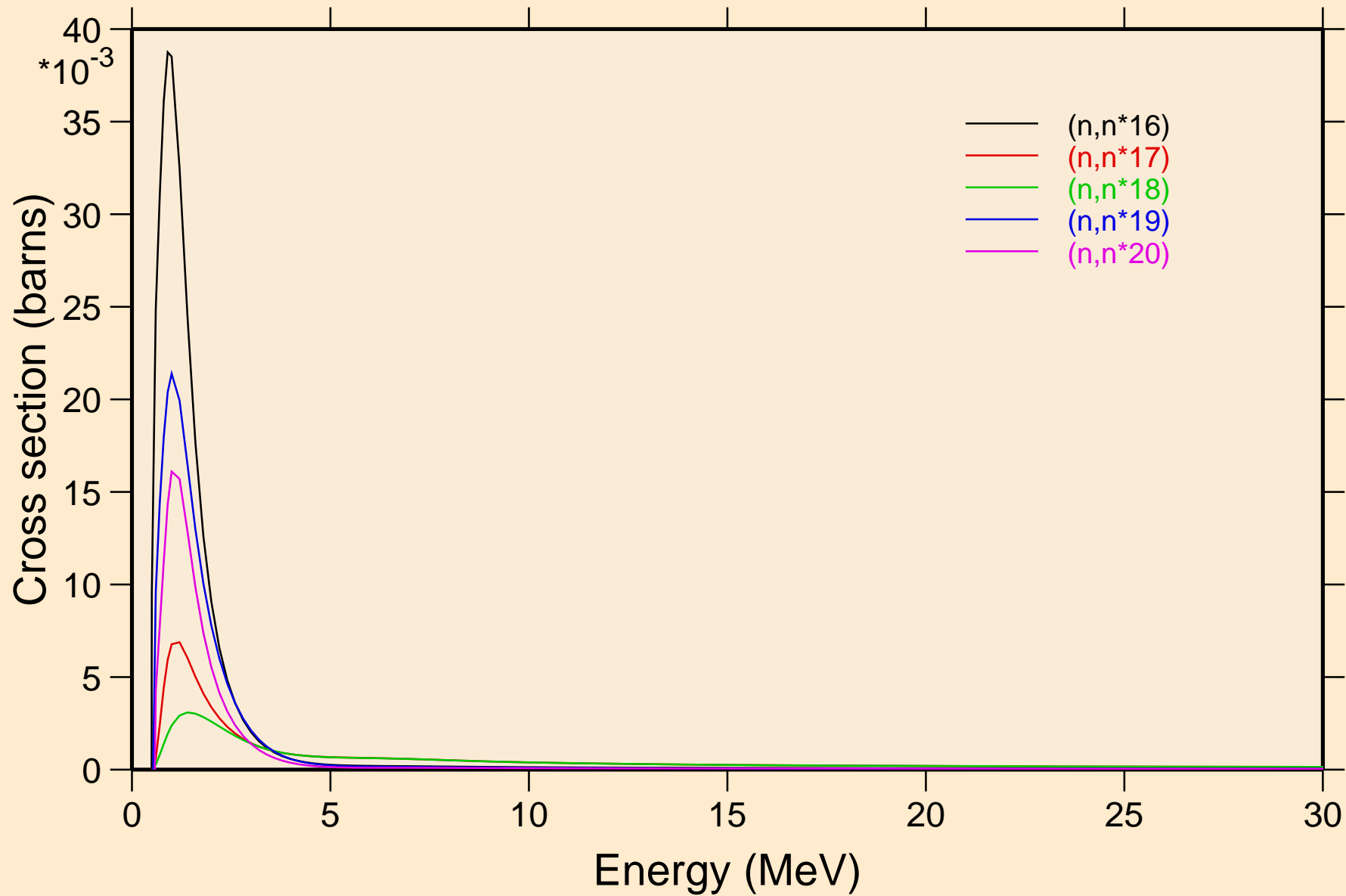
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



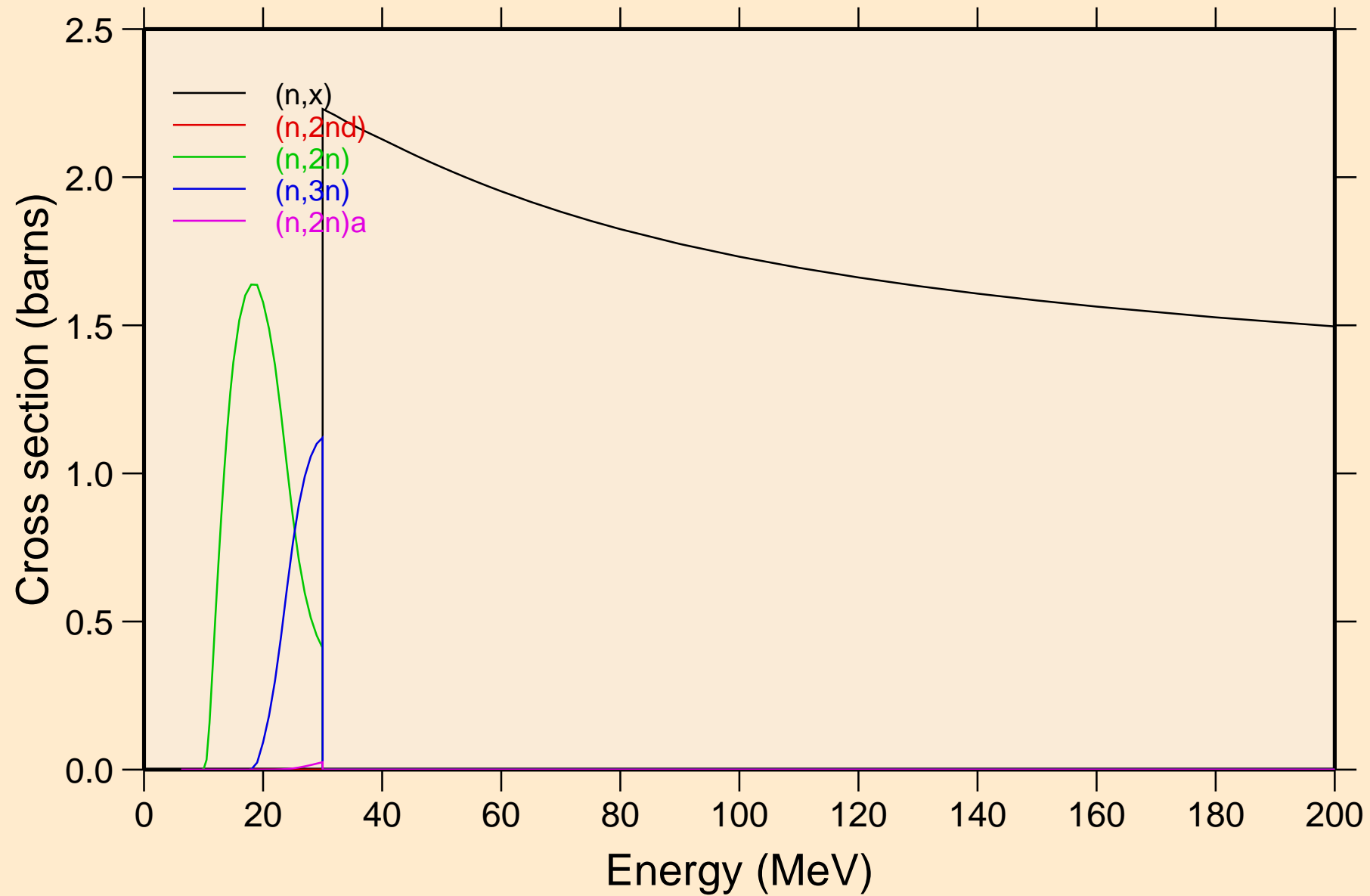
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



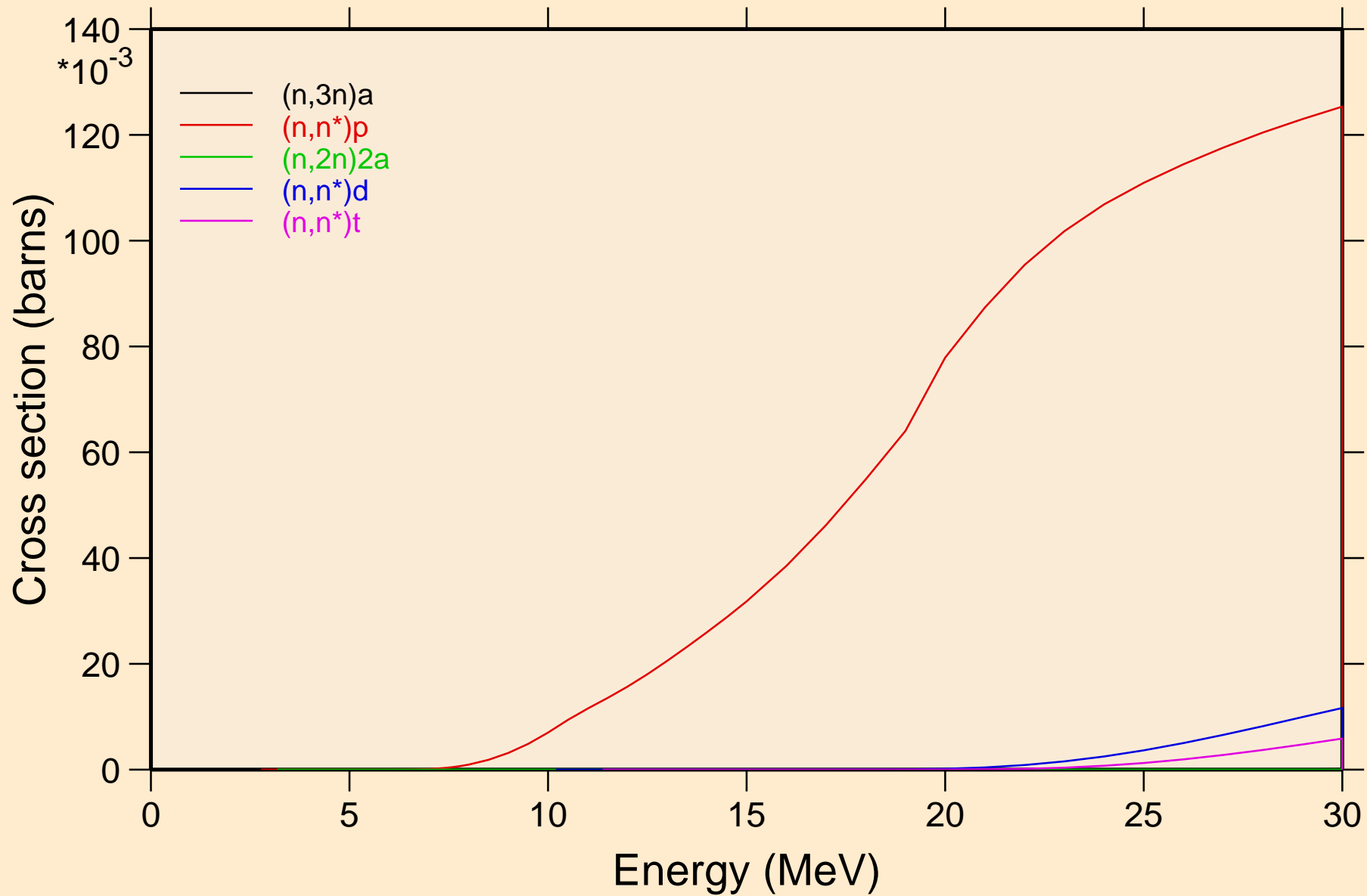
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

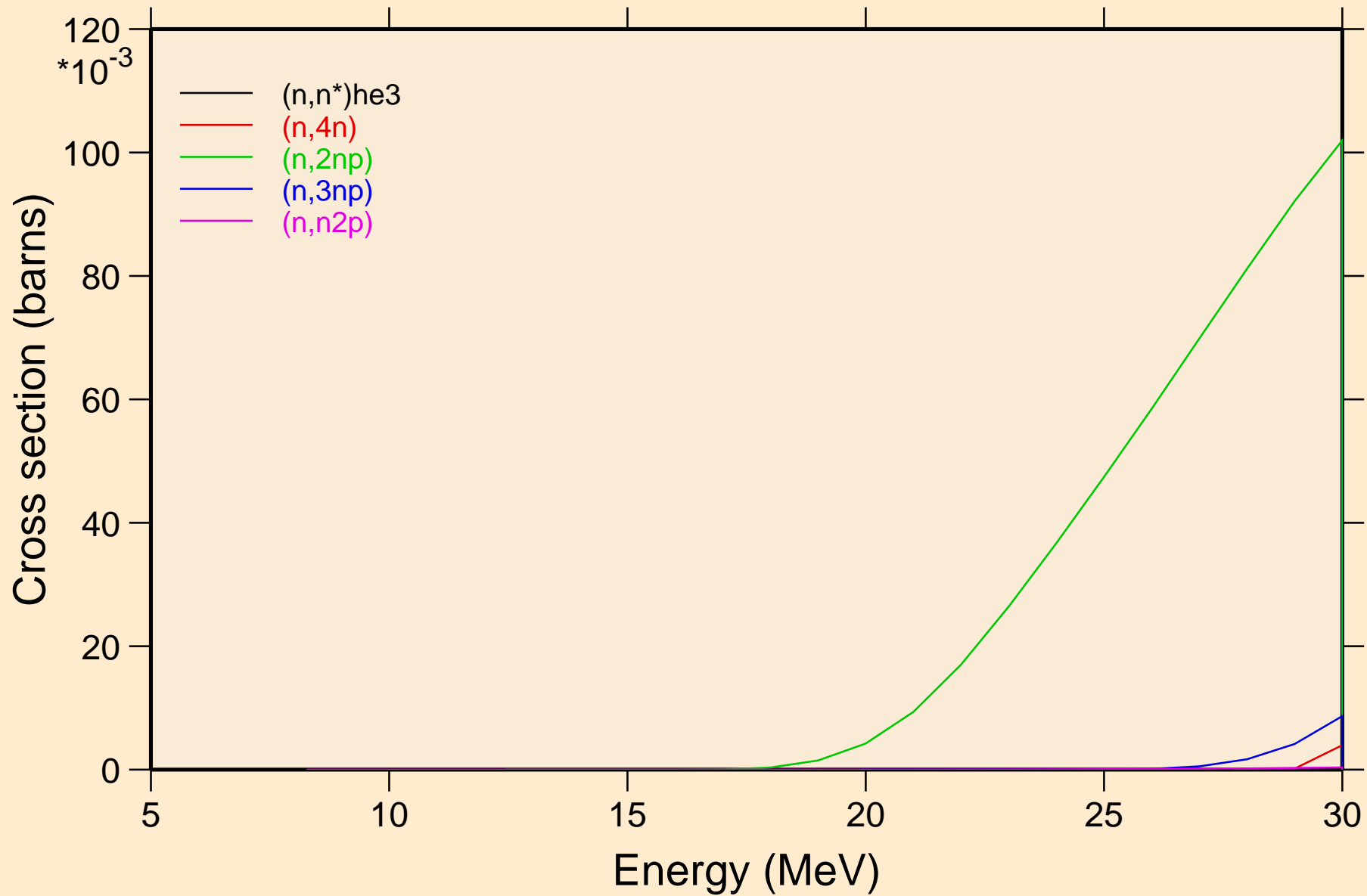


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

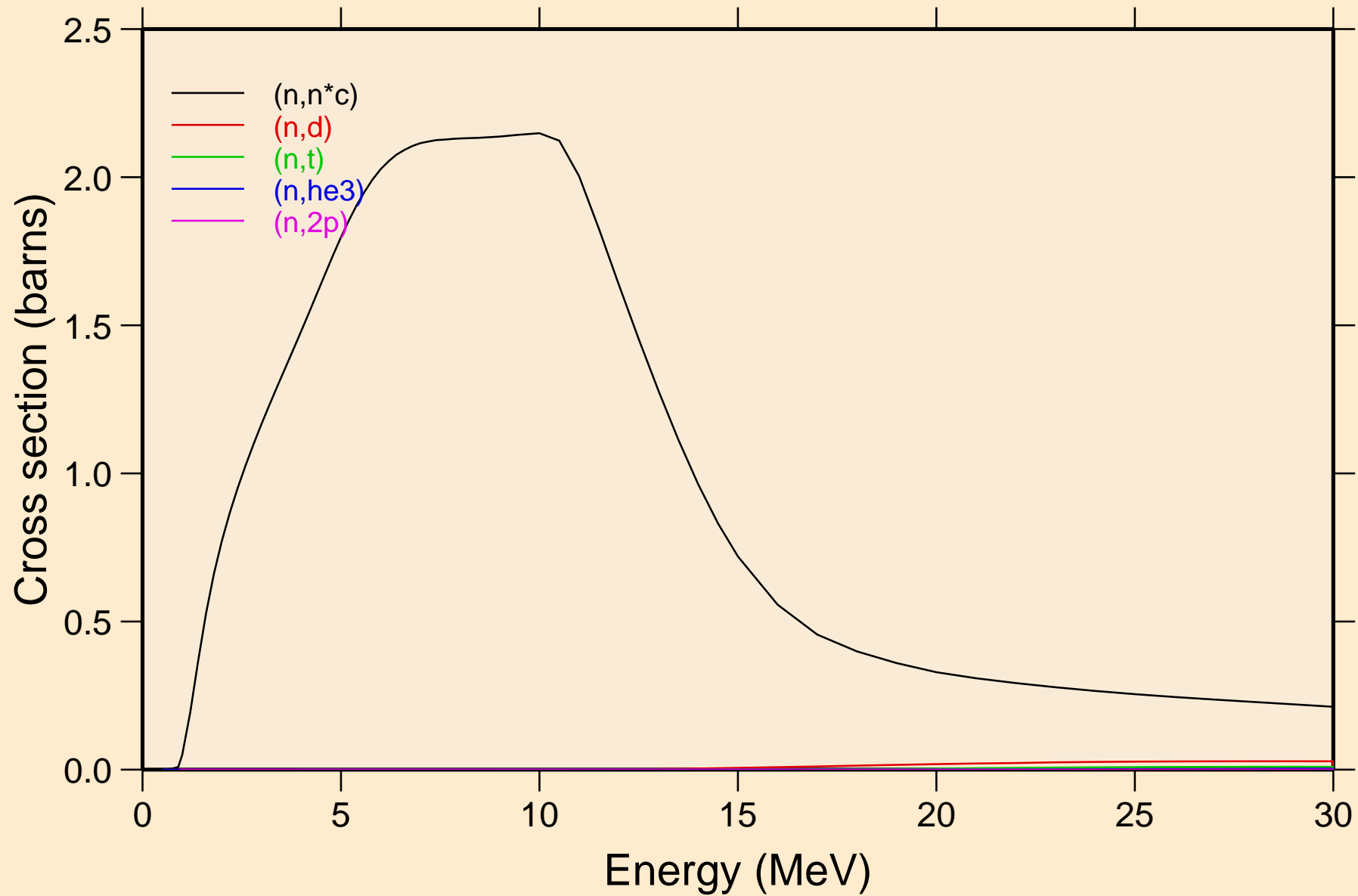




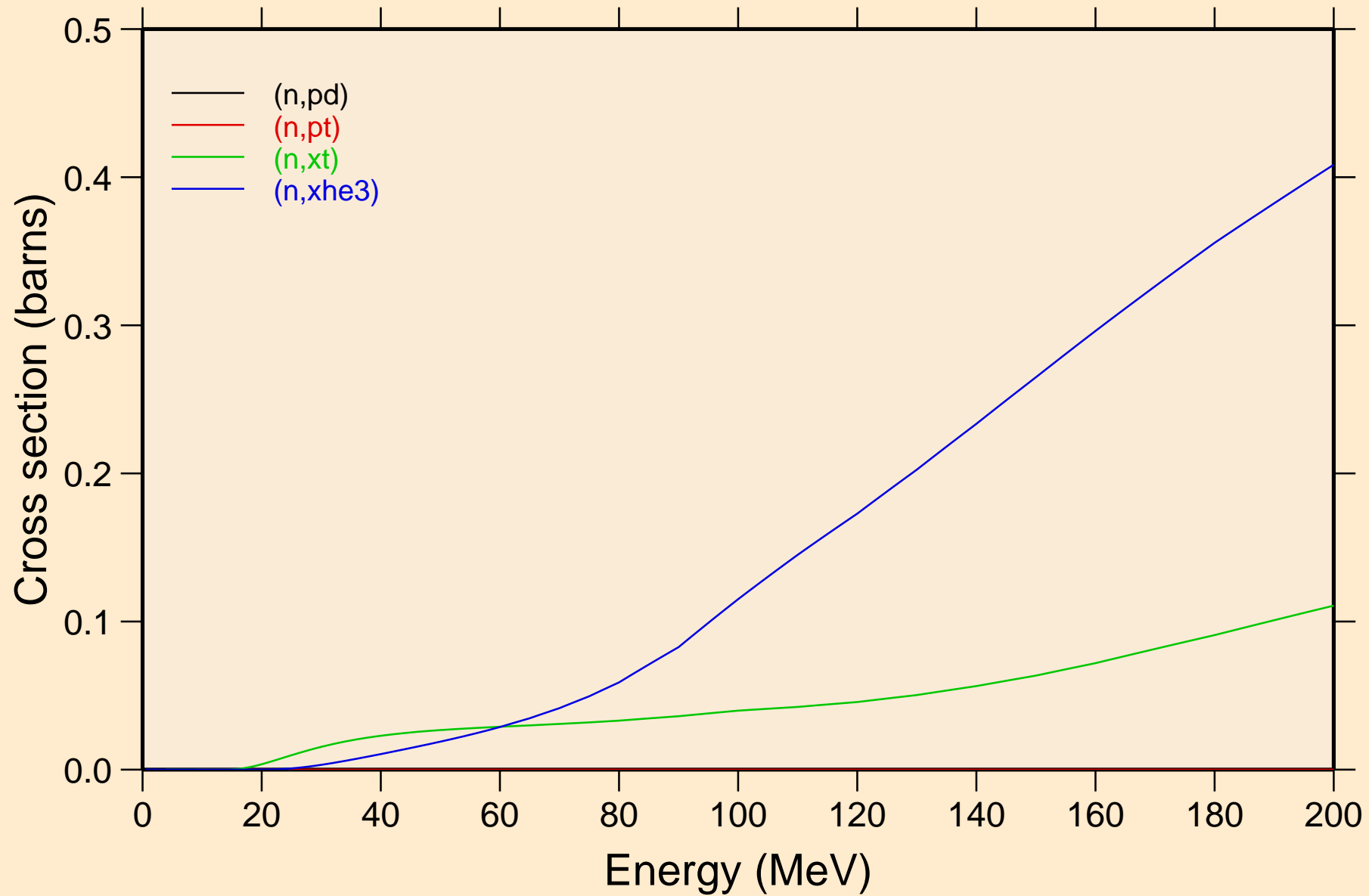
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



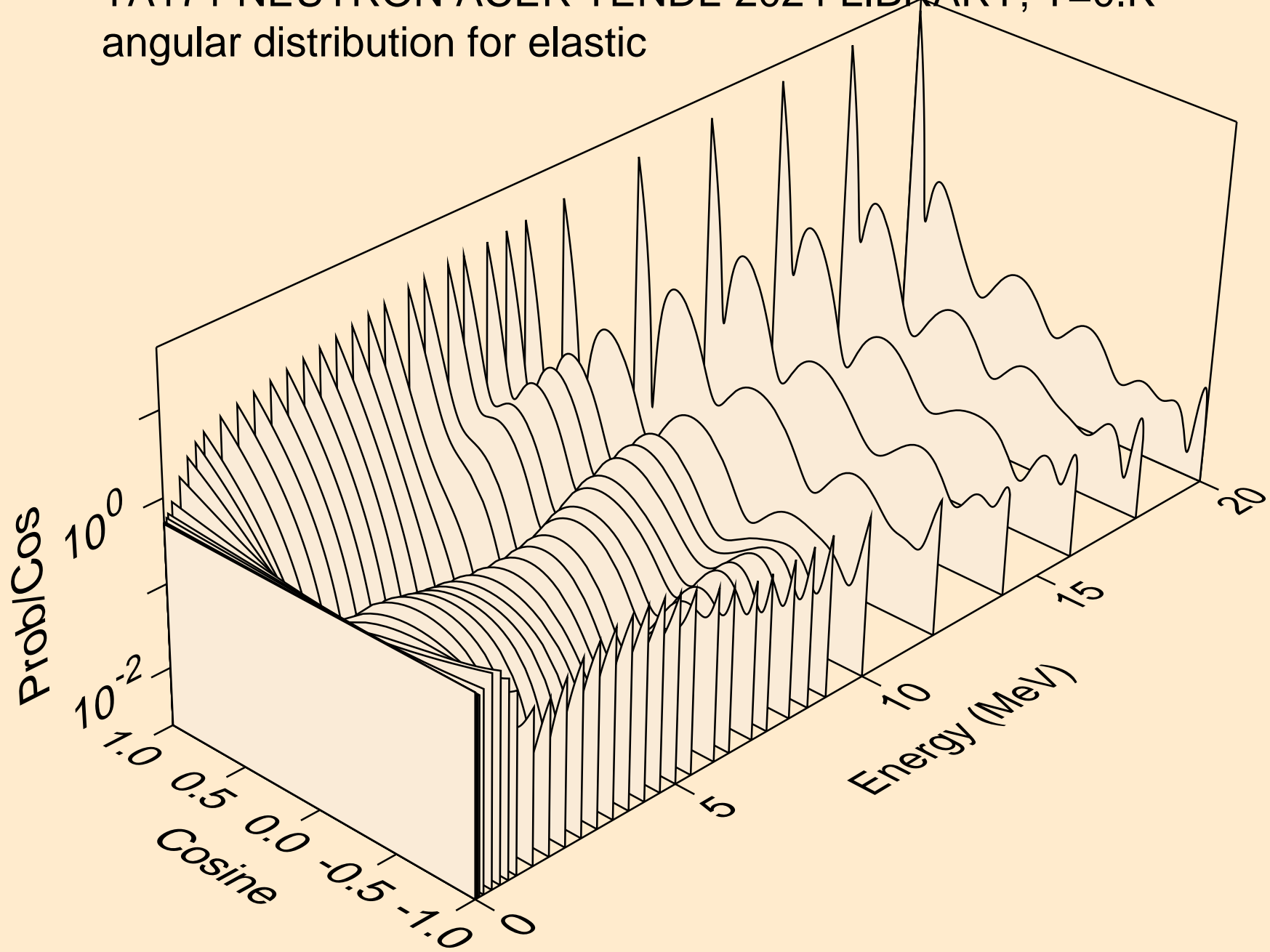
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



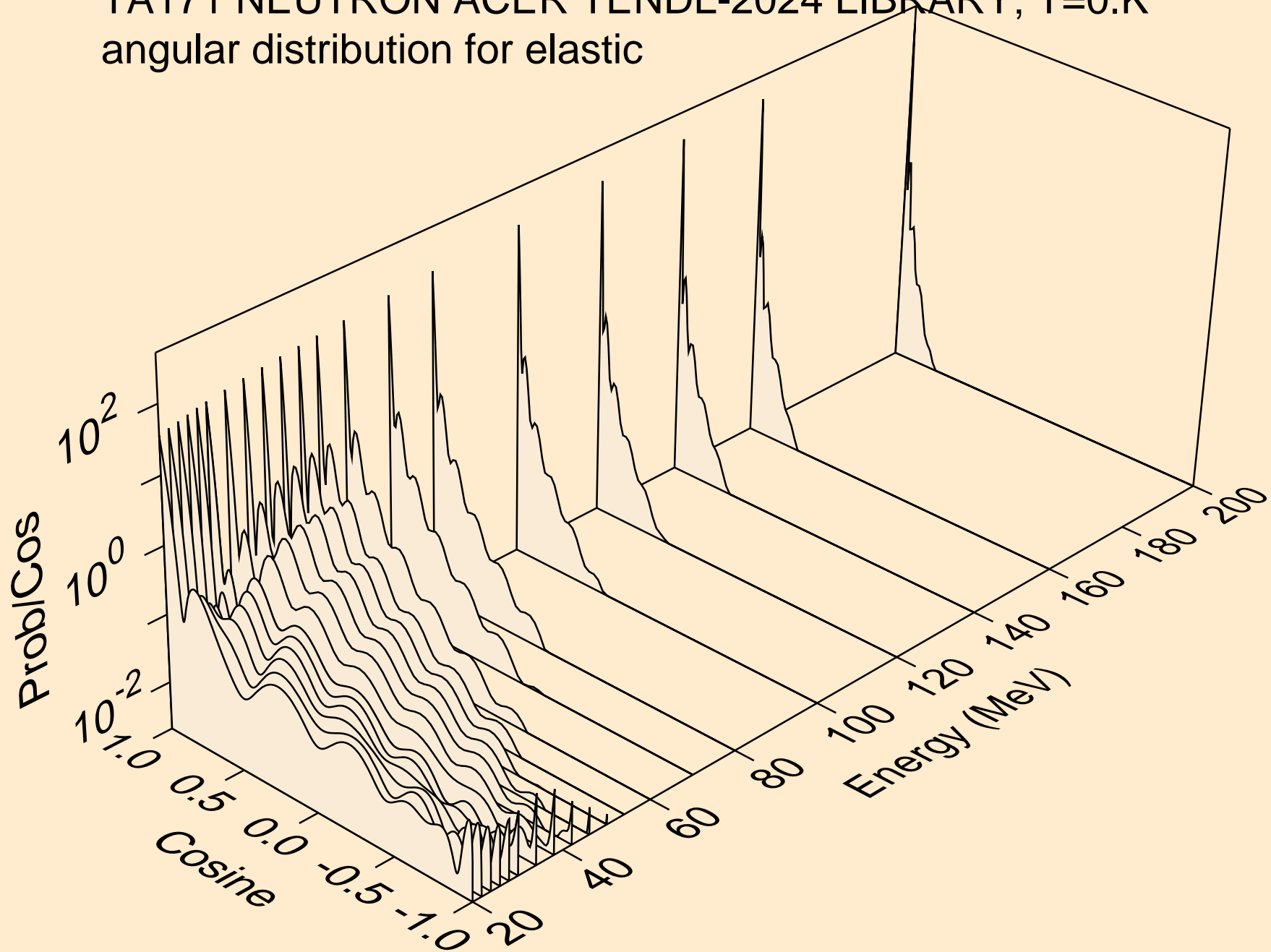
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



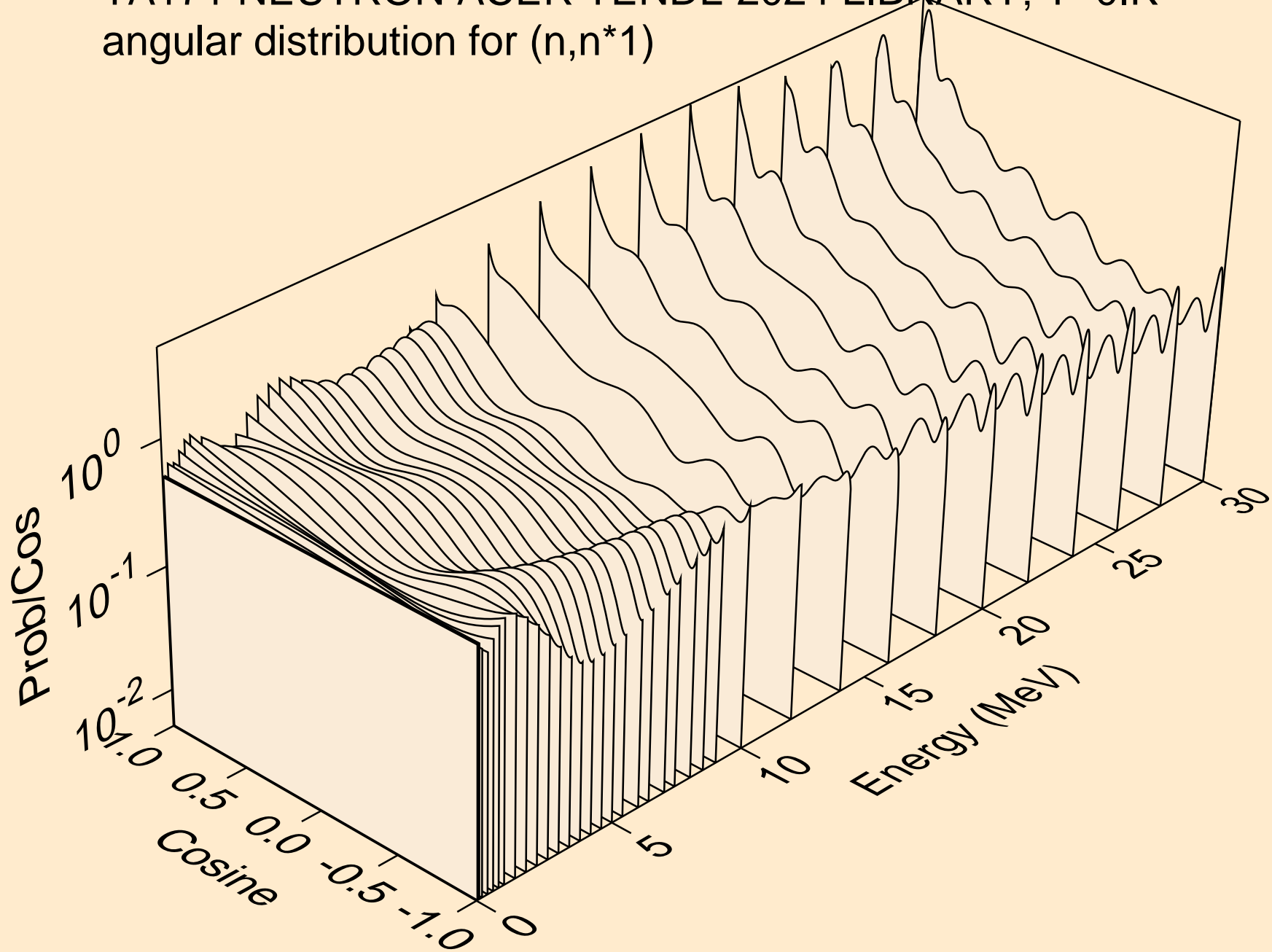
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



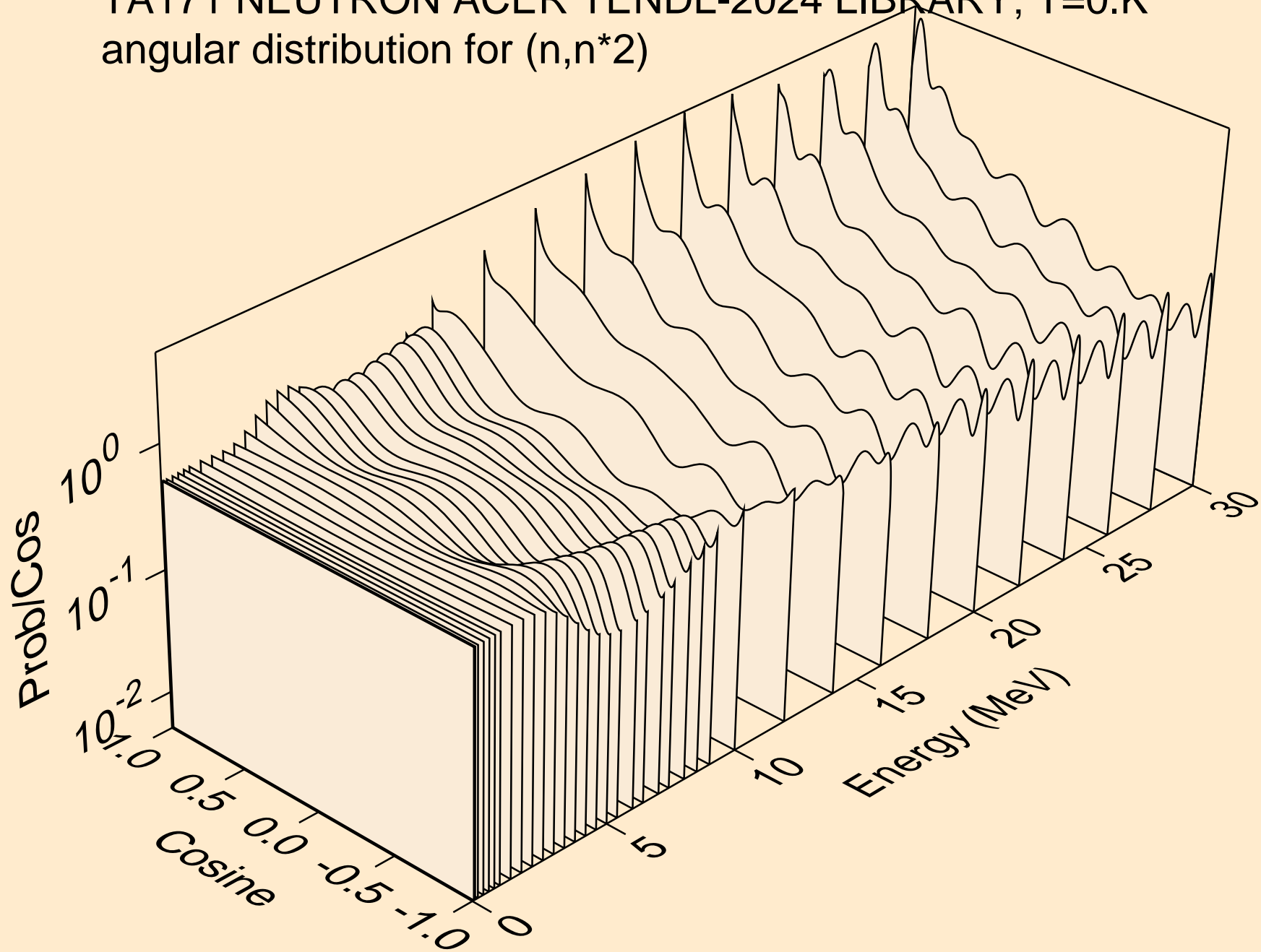
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



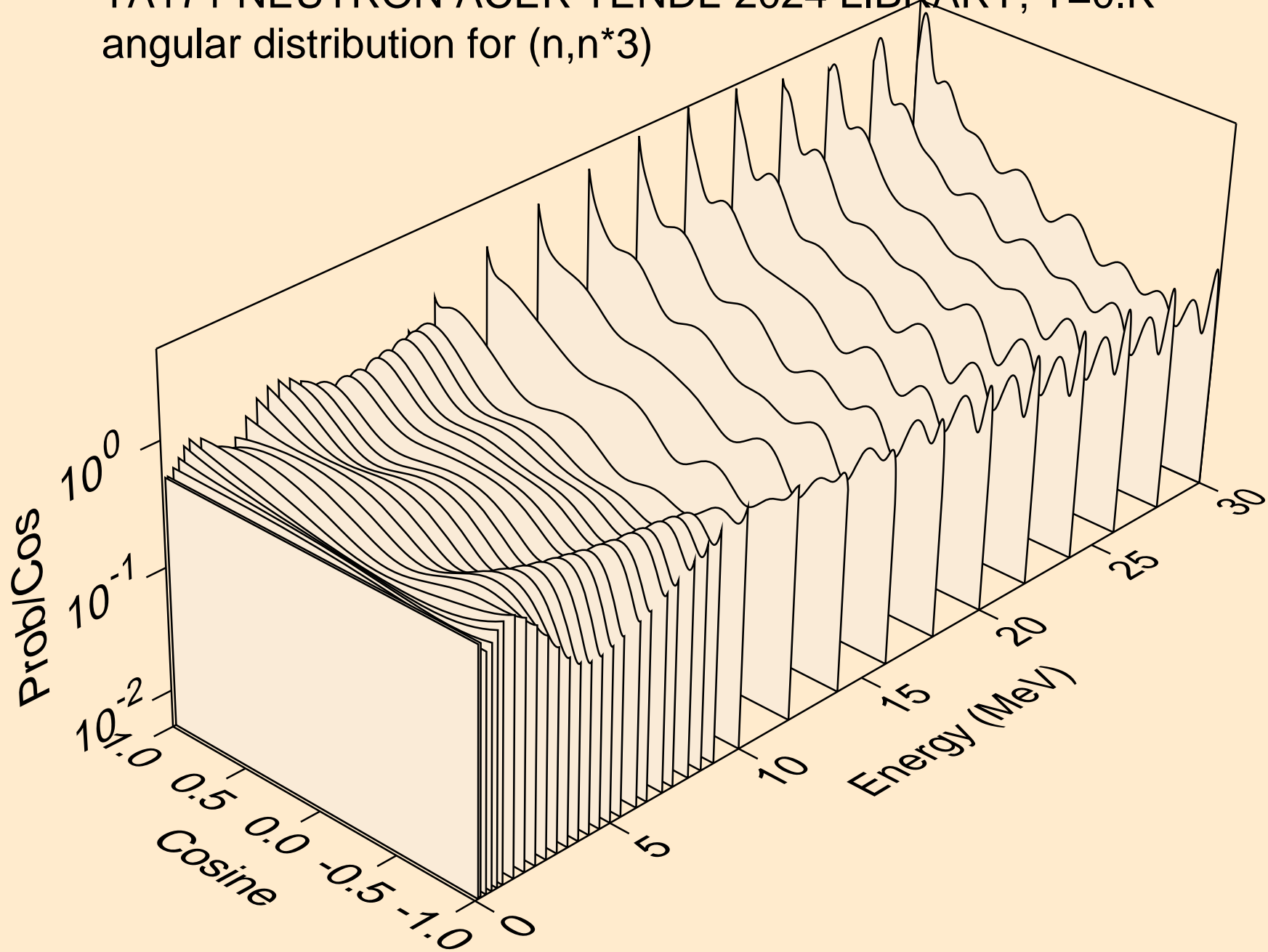
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

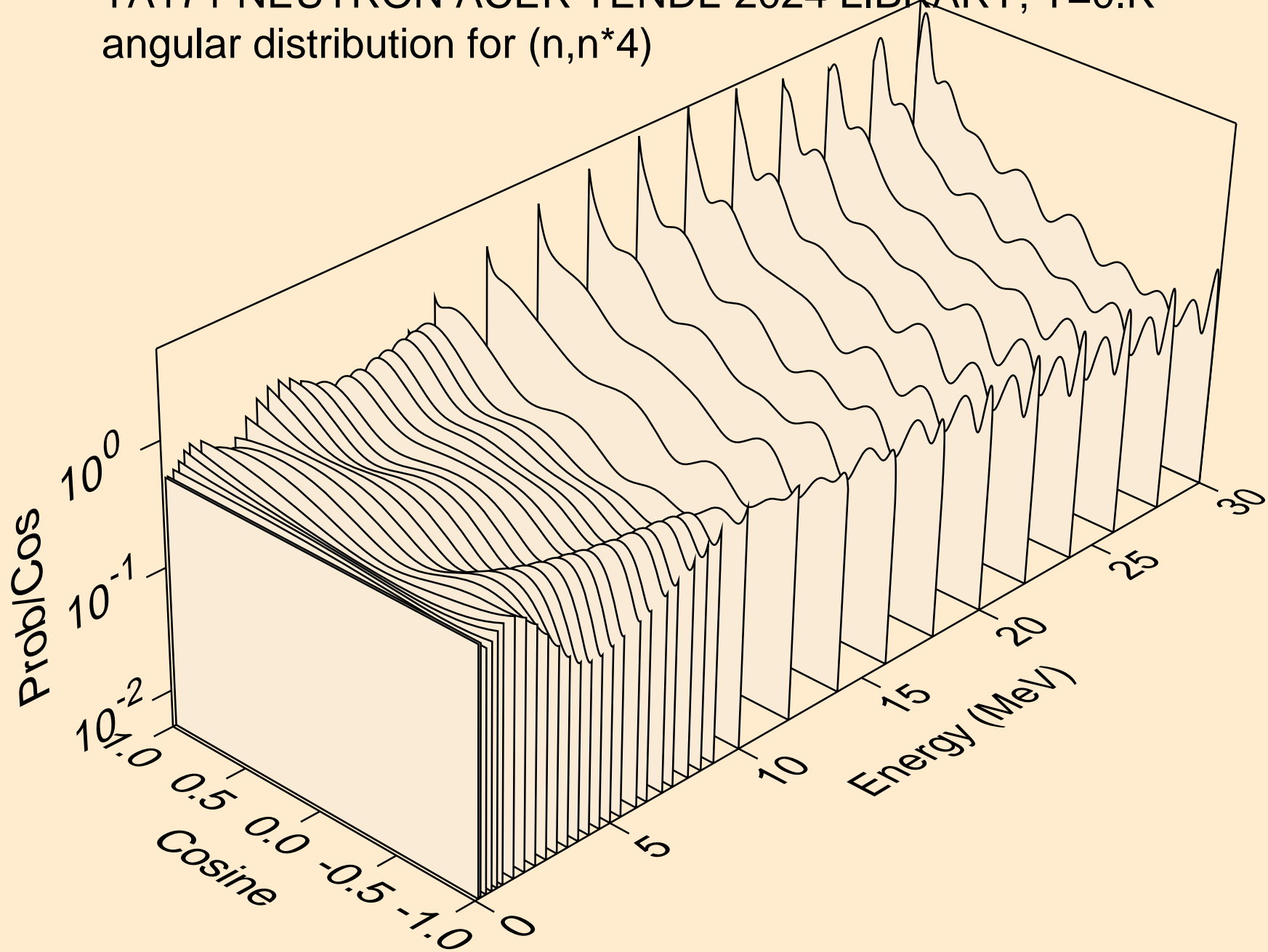


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

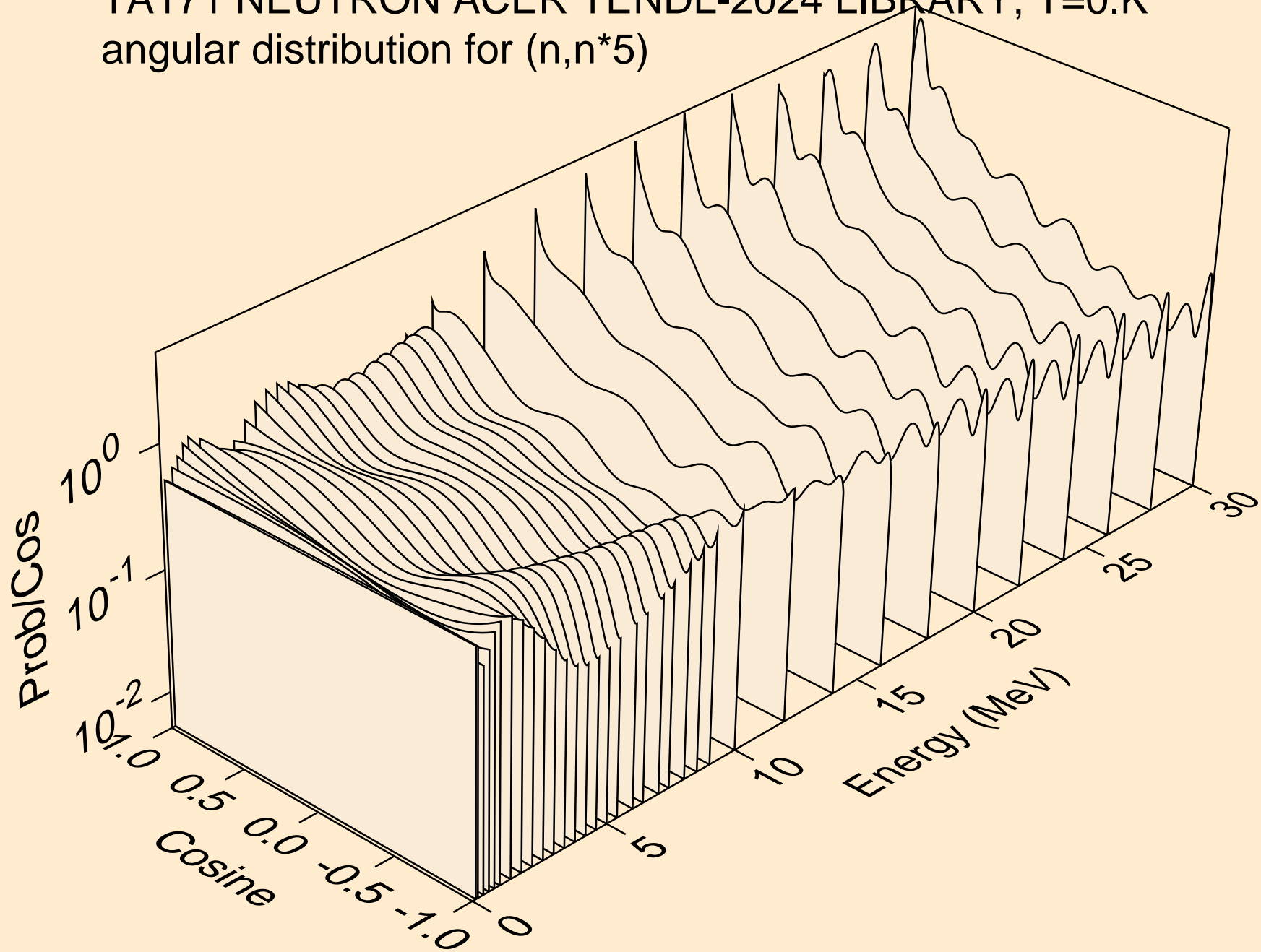




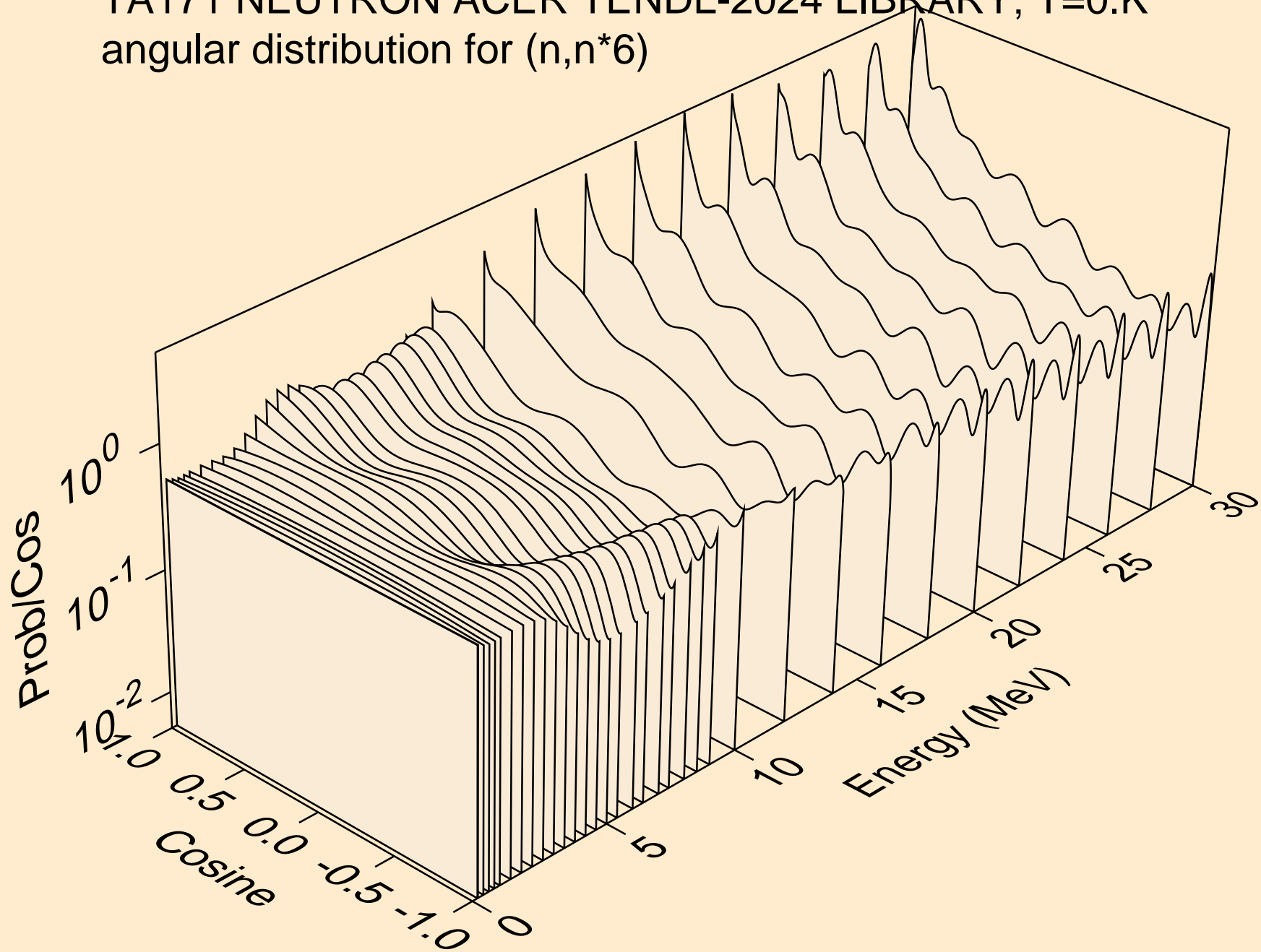
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



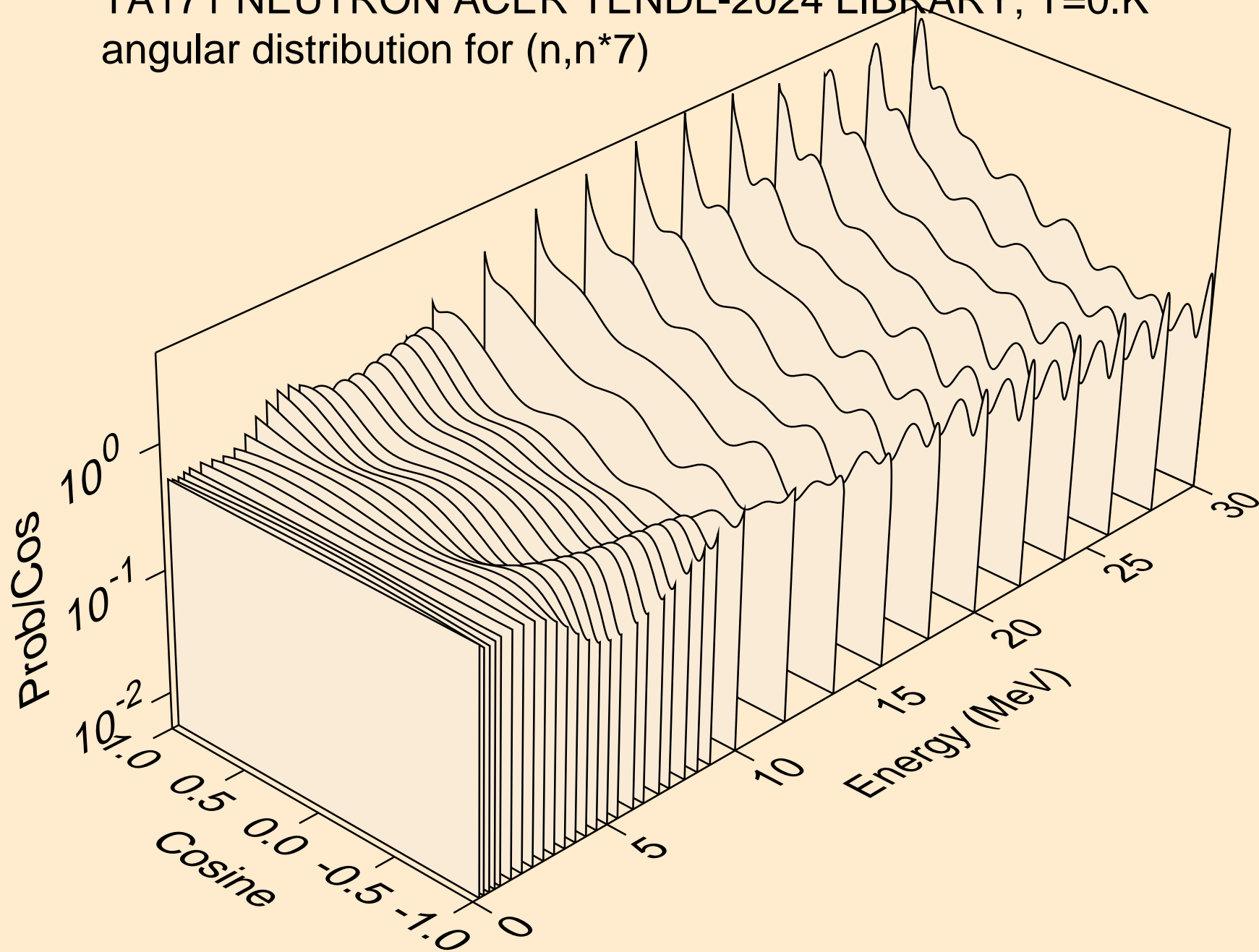
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



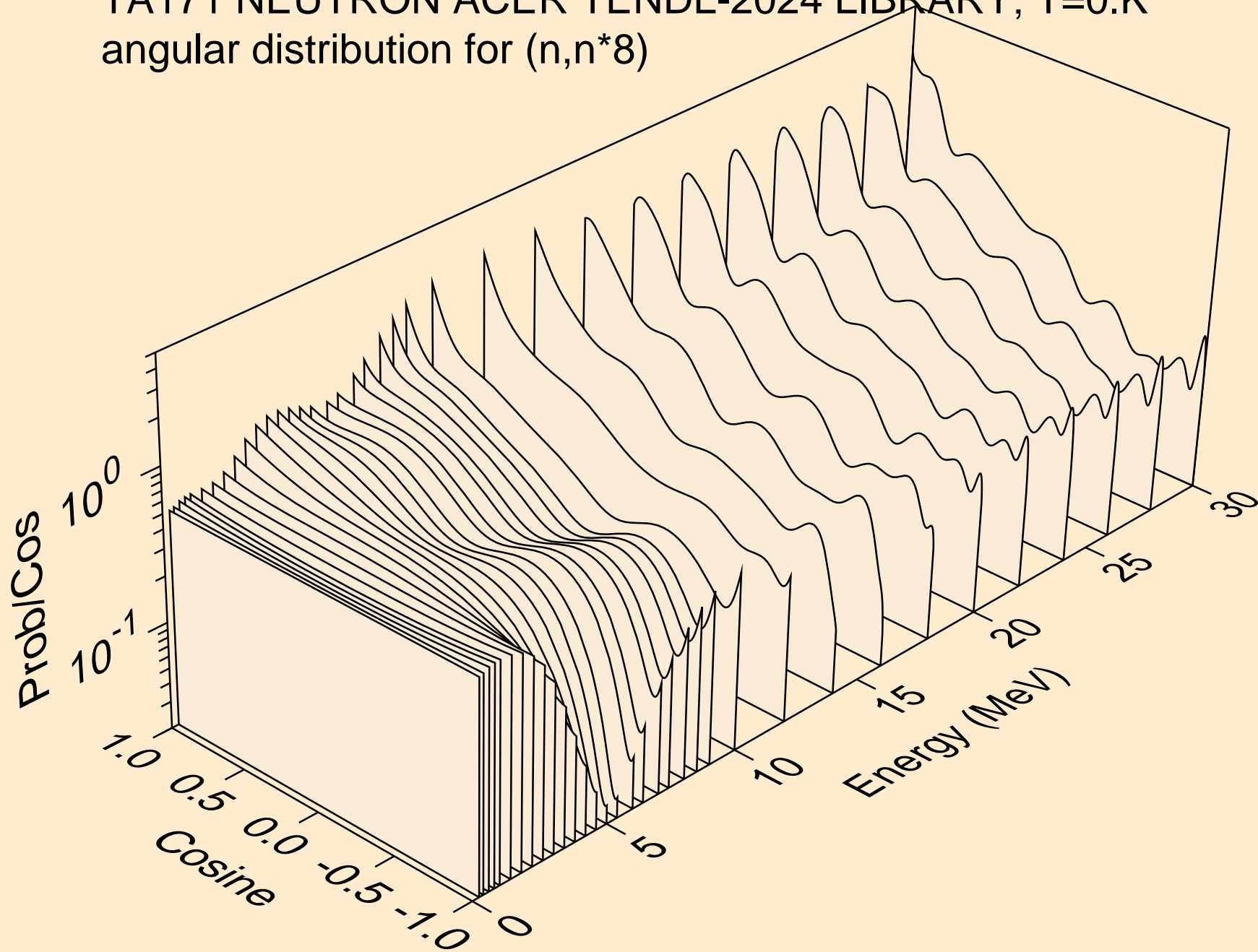
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



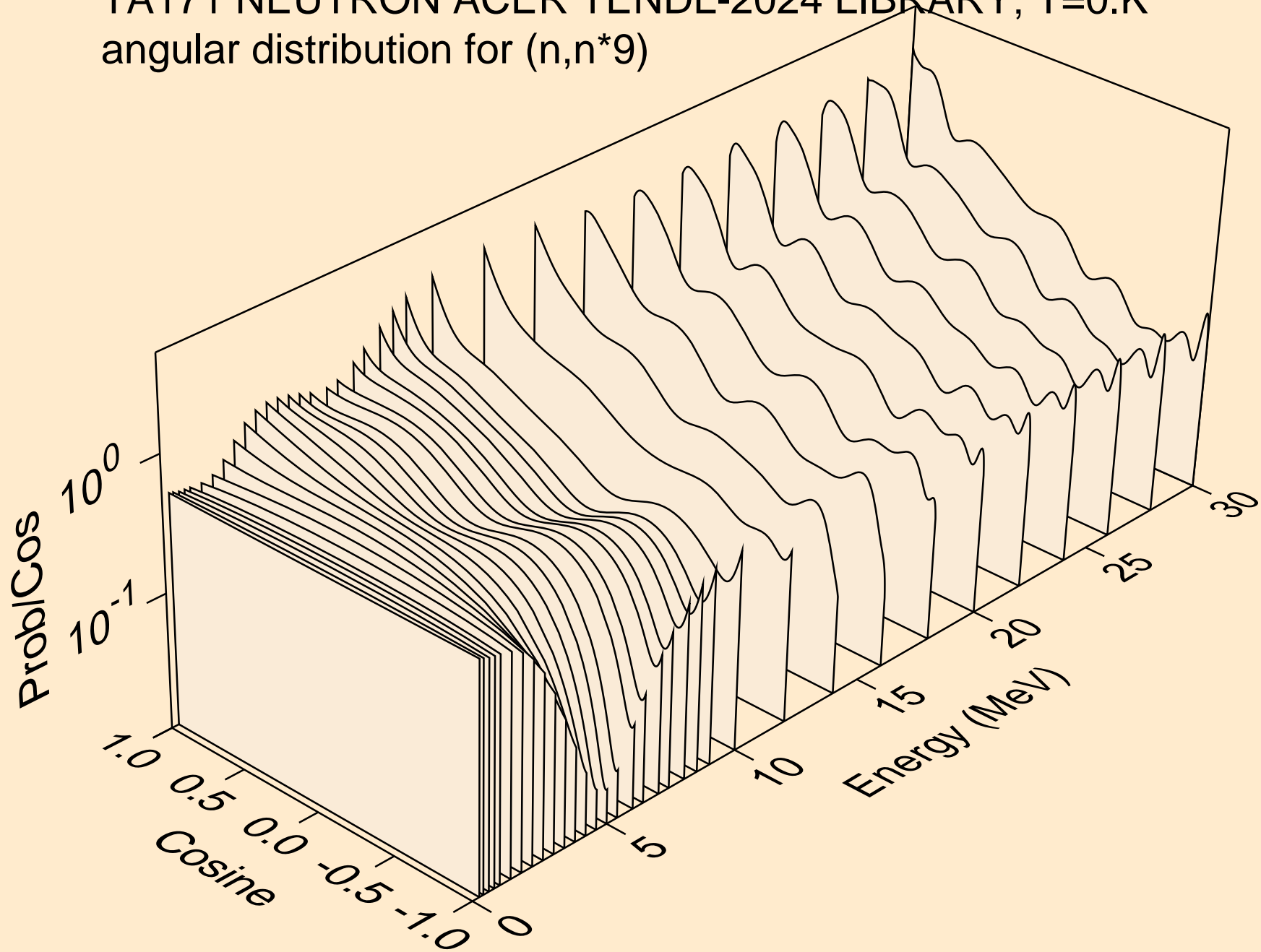
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



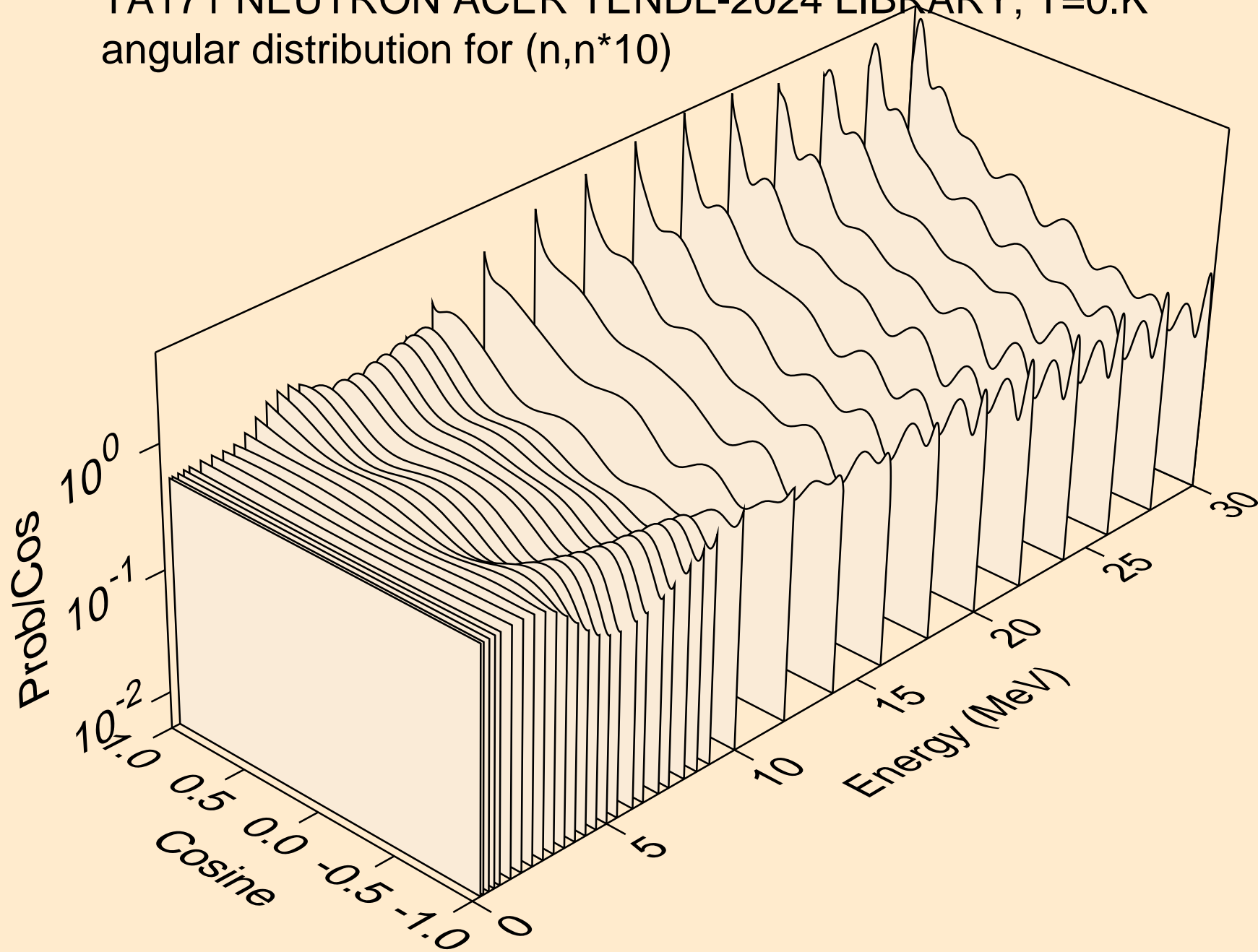
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



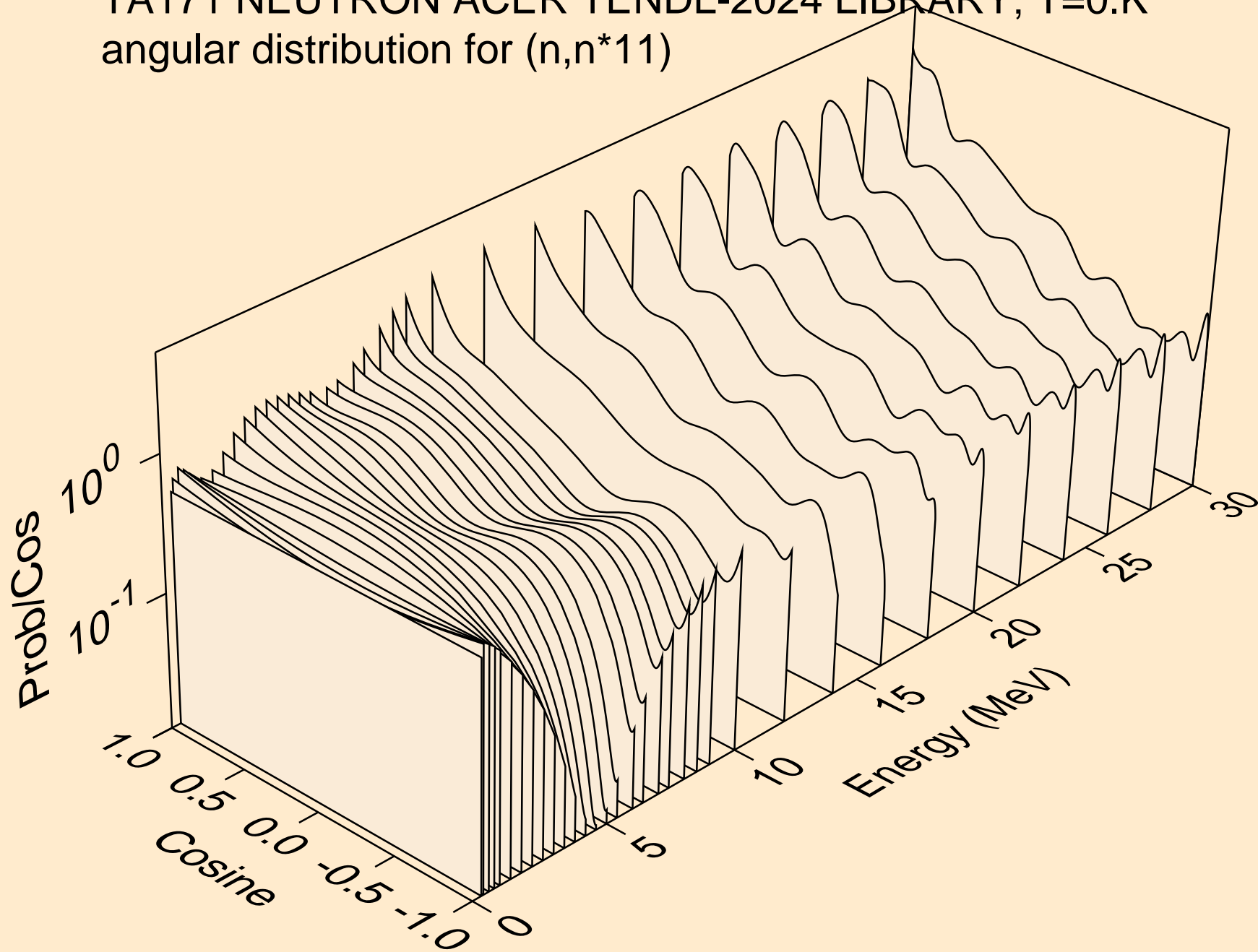
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

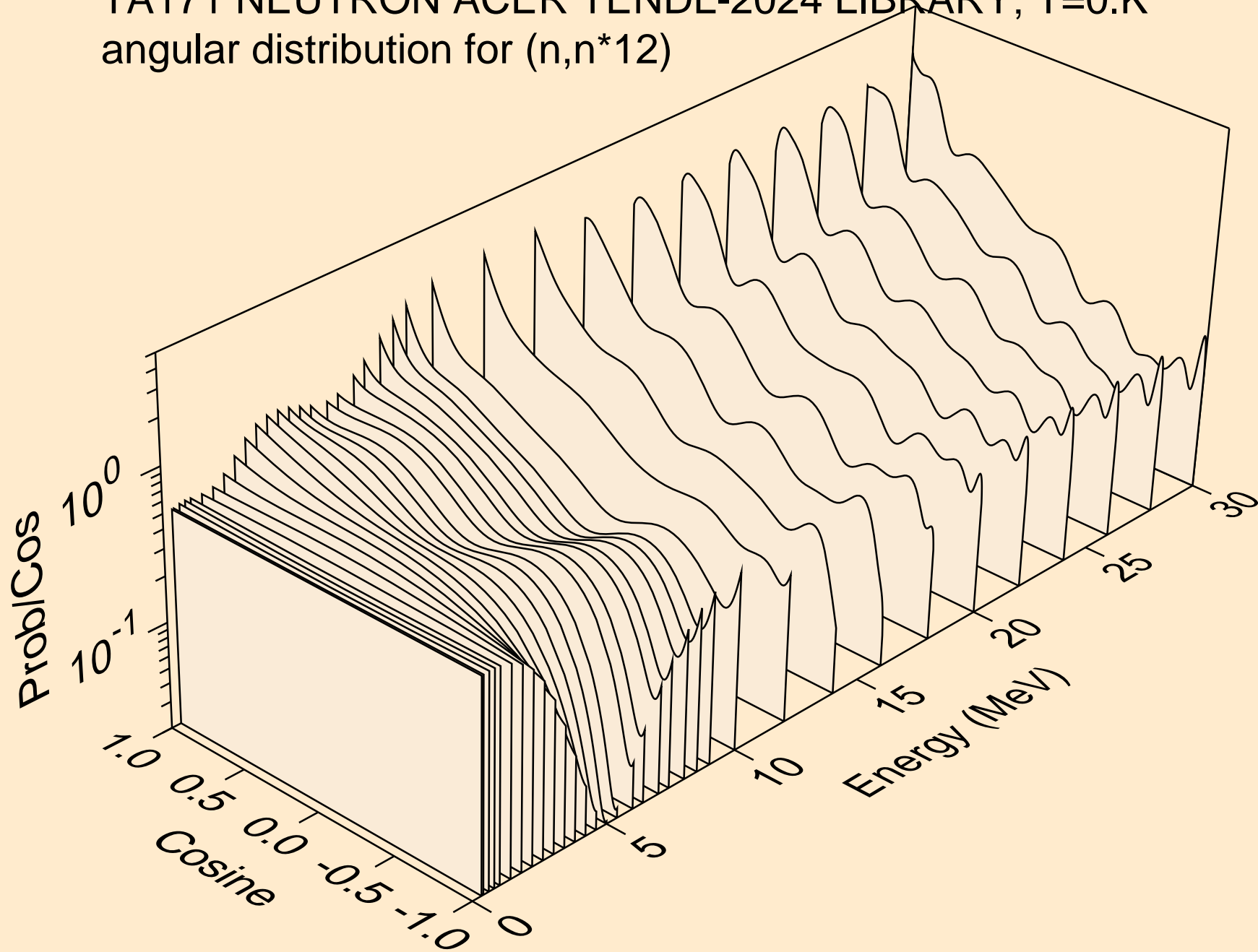


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

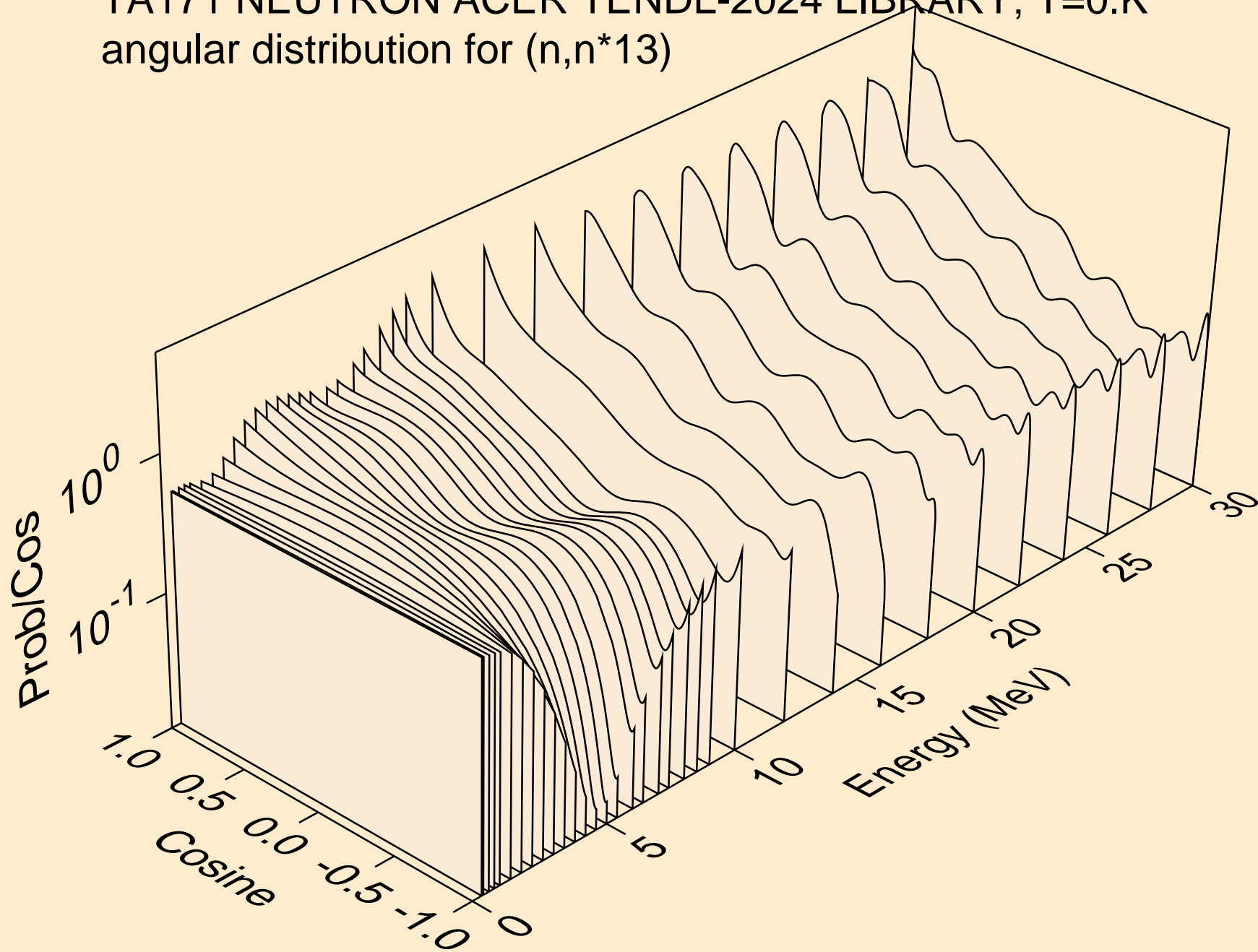




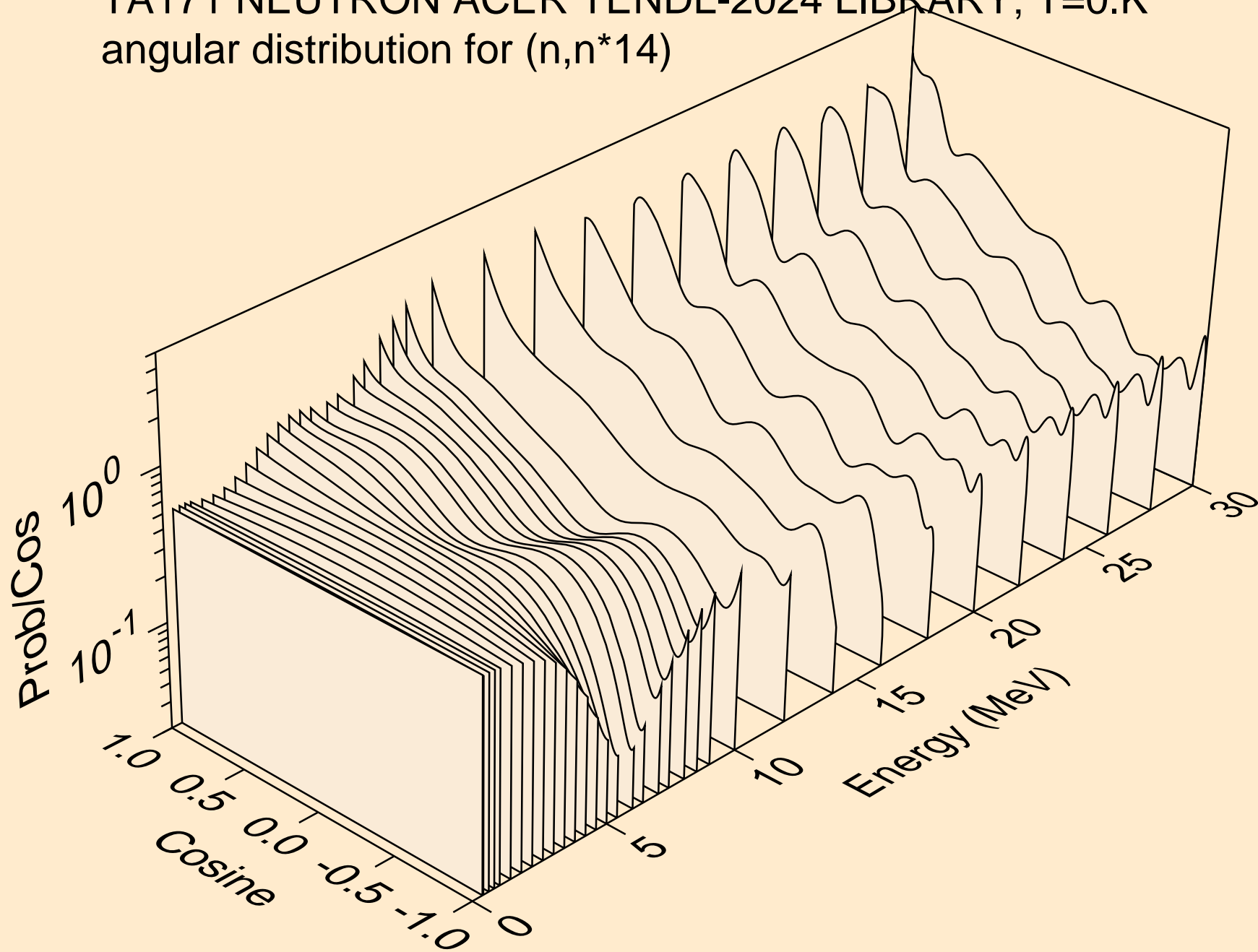
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



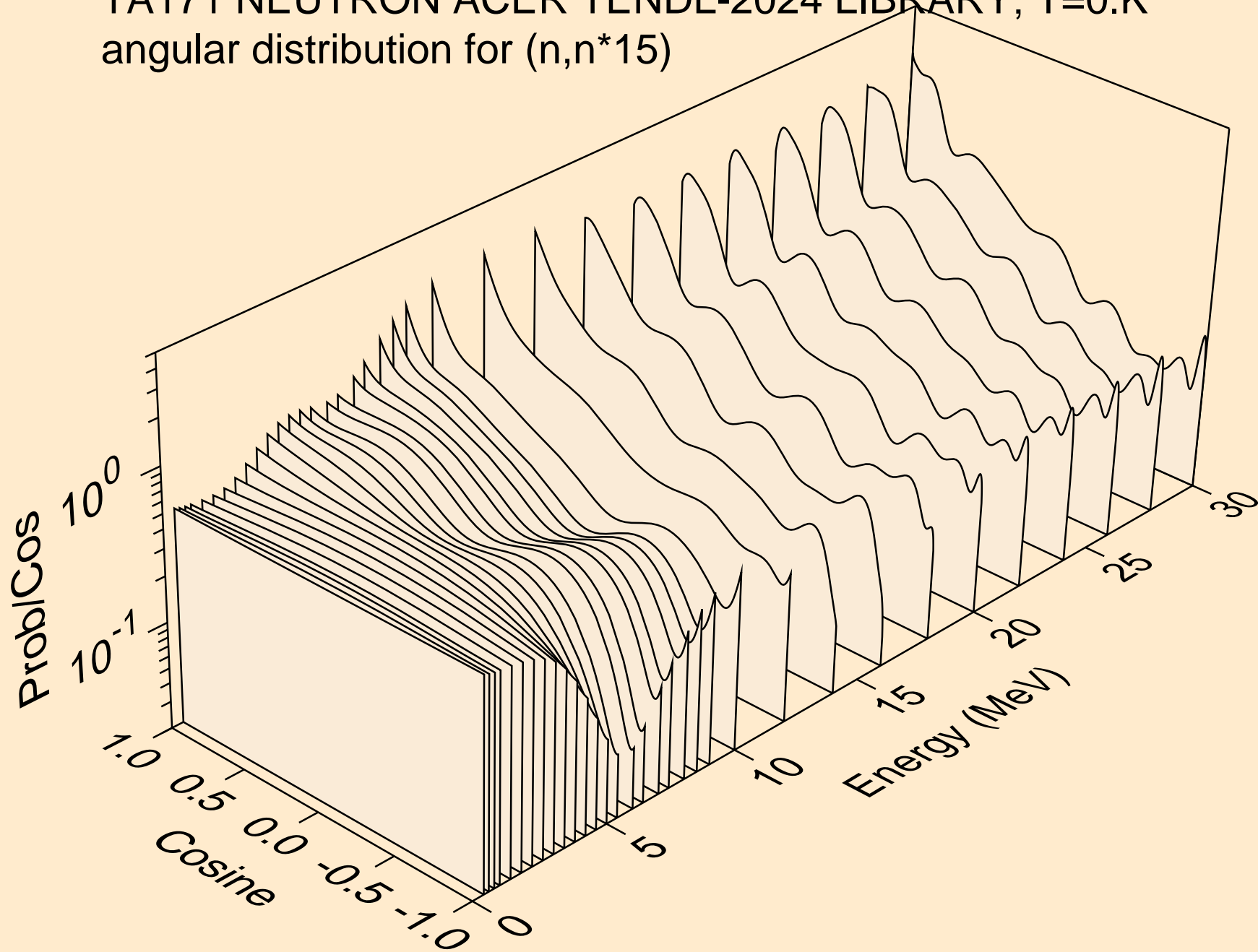
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



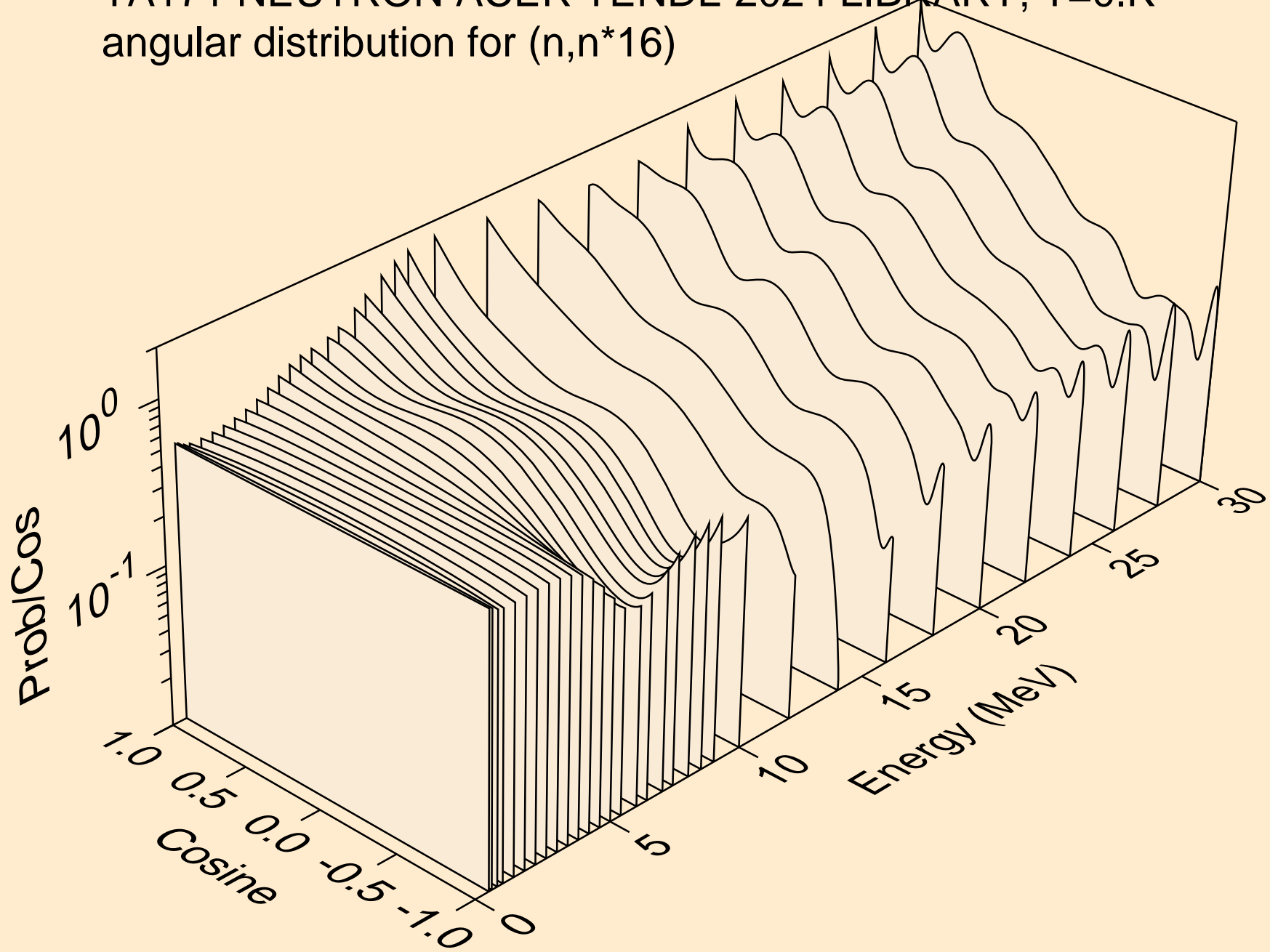
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



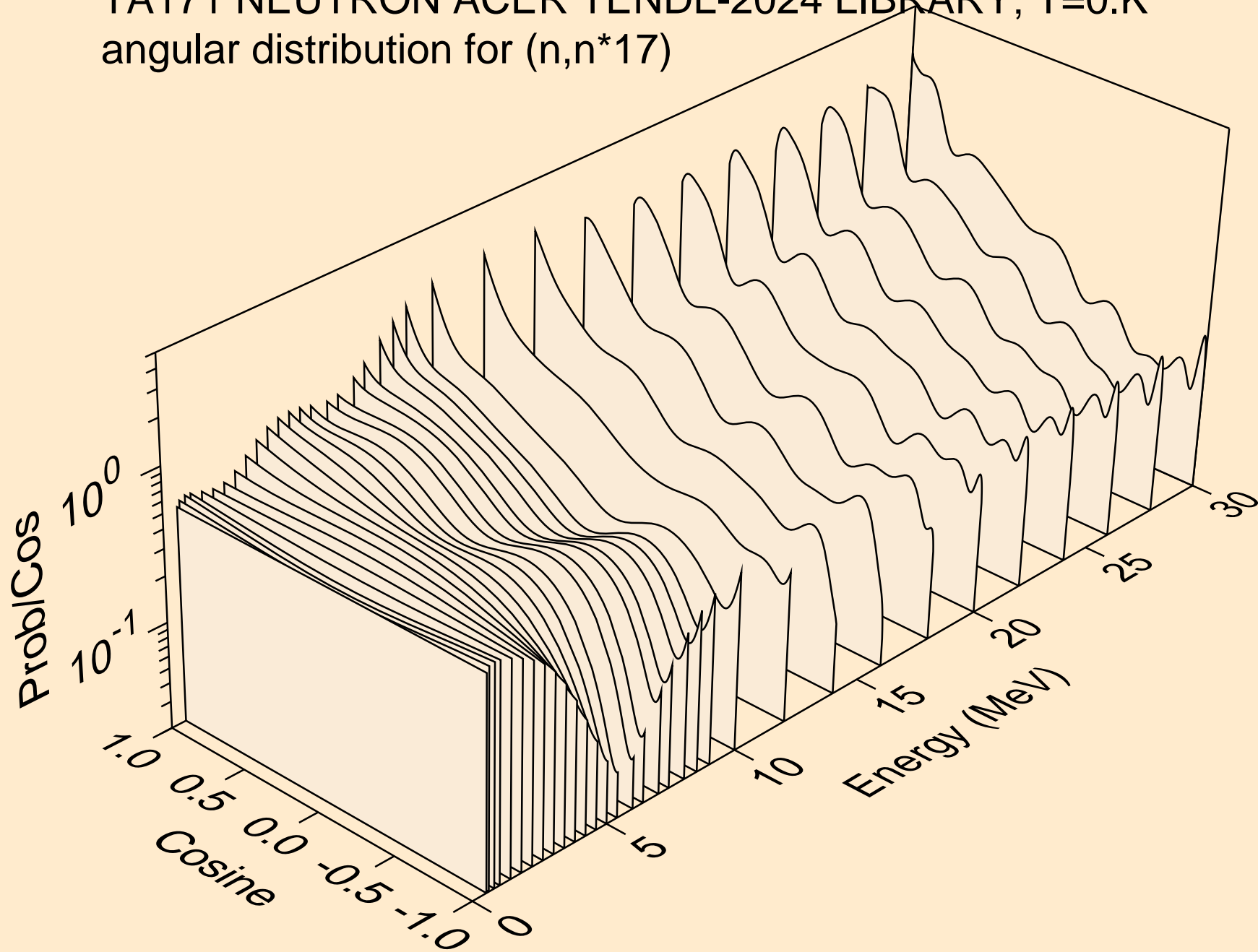
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angular distribution for (n,n\*15)



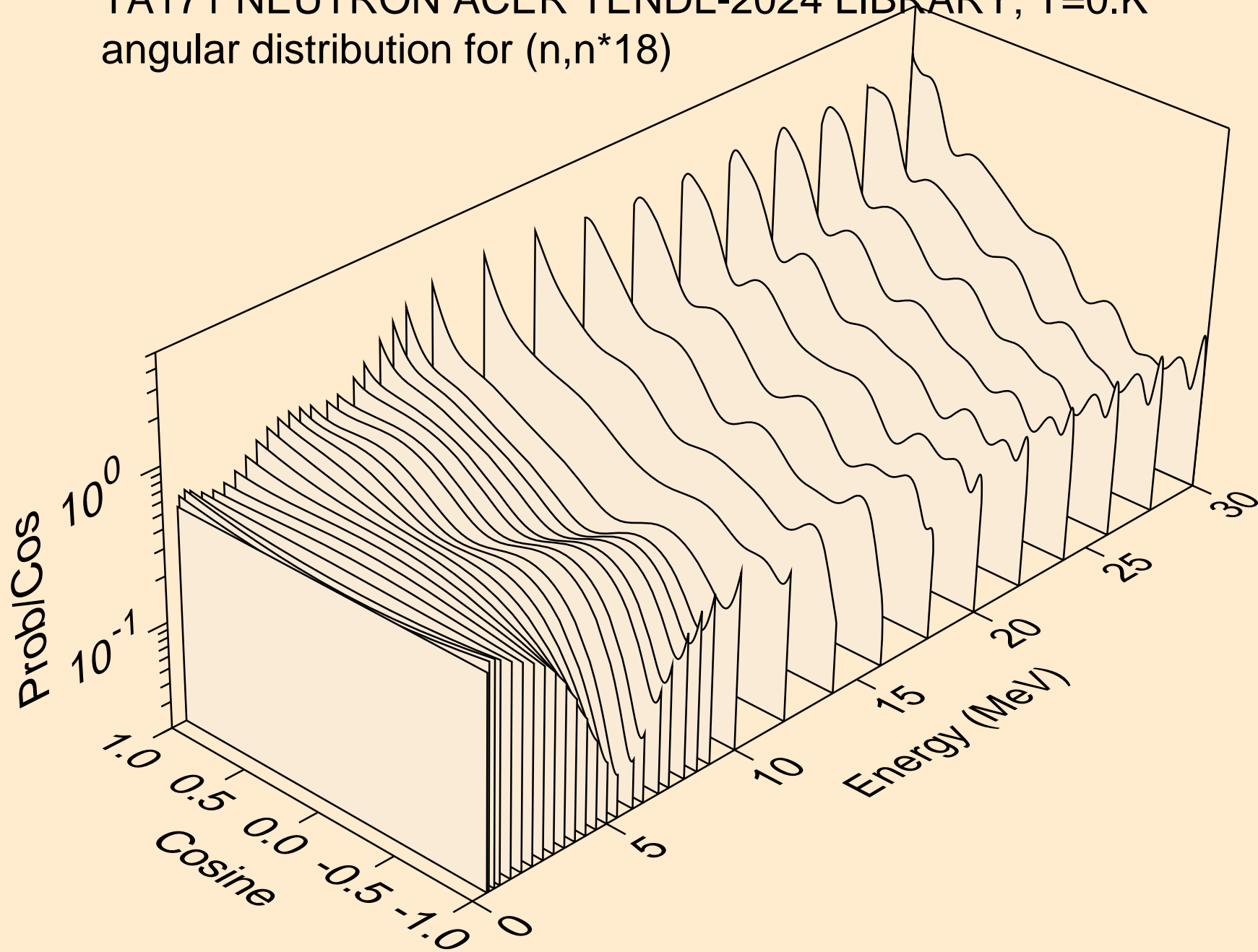
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



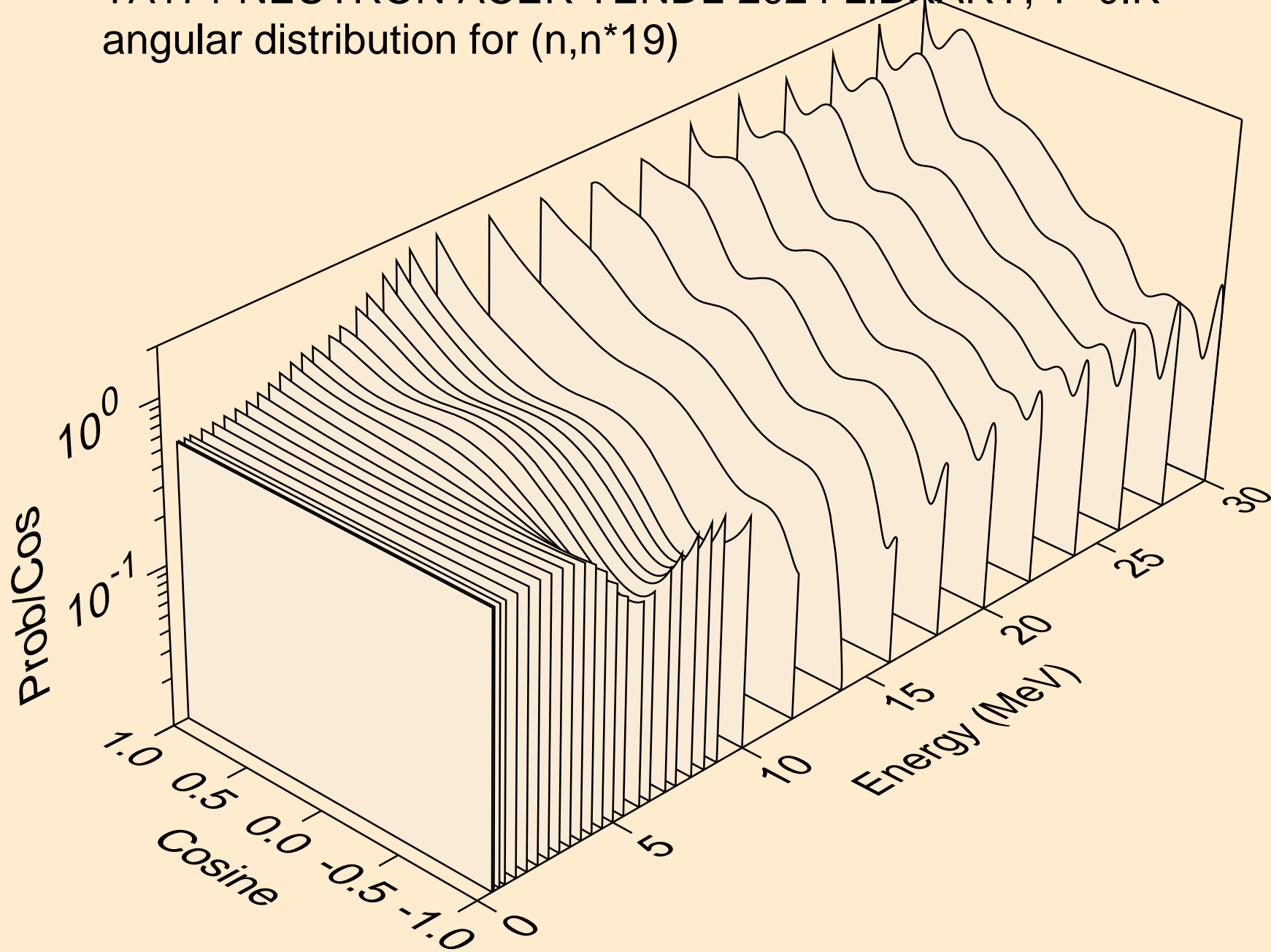
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

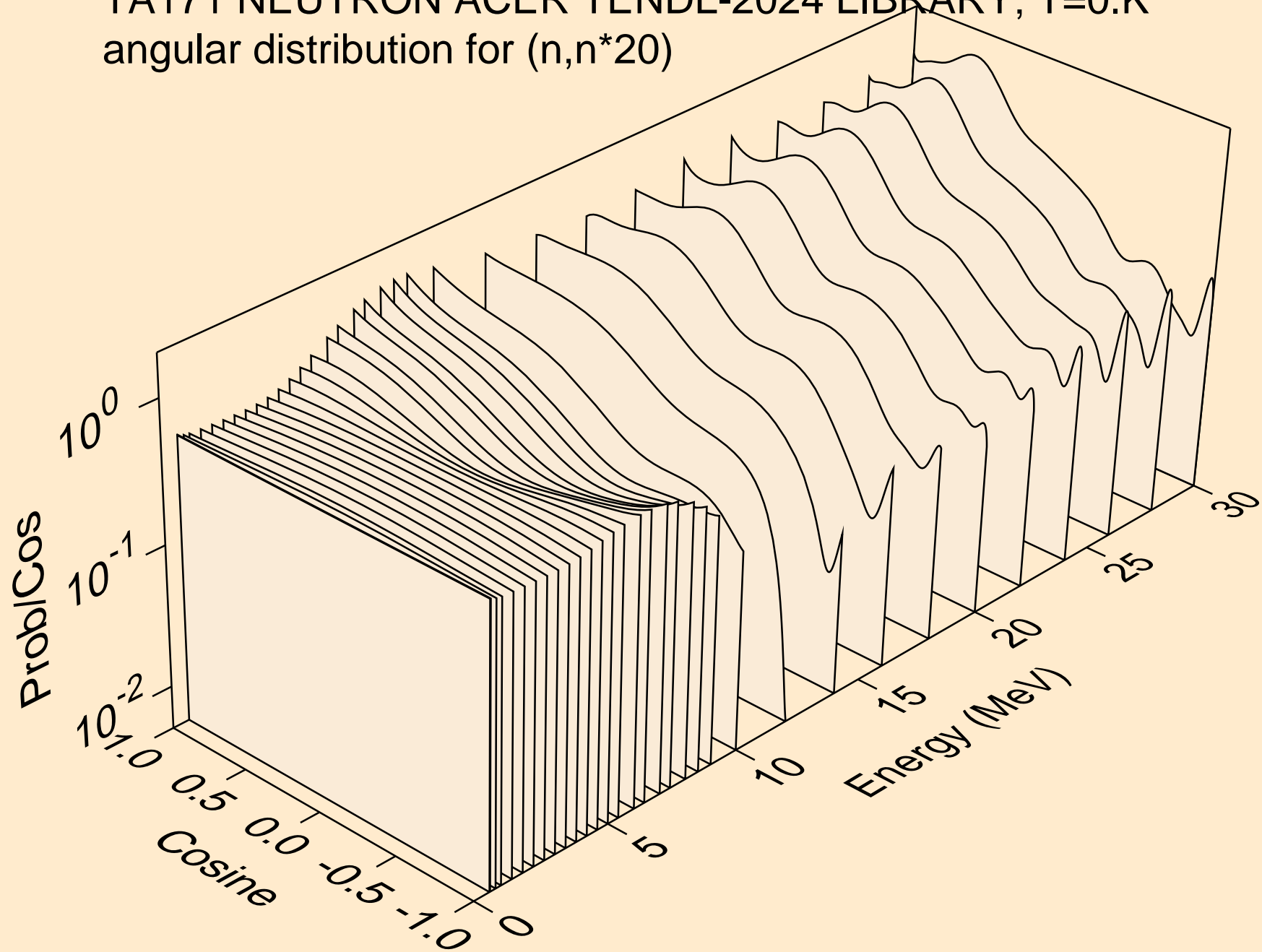


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

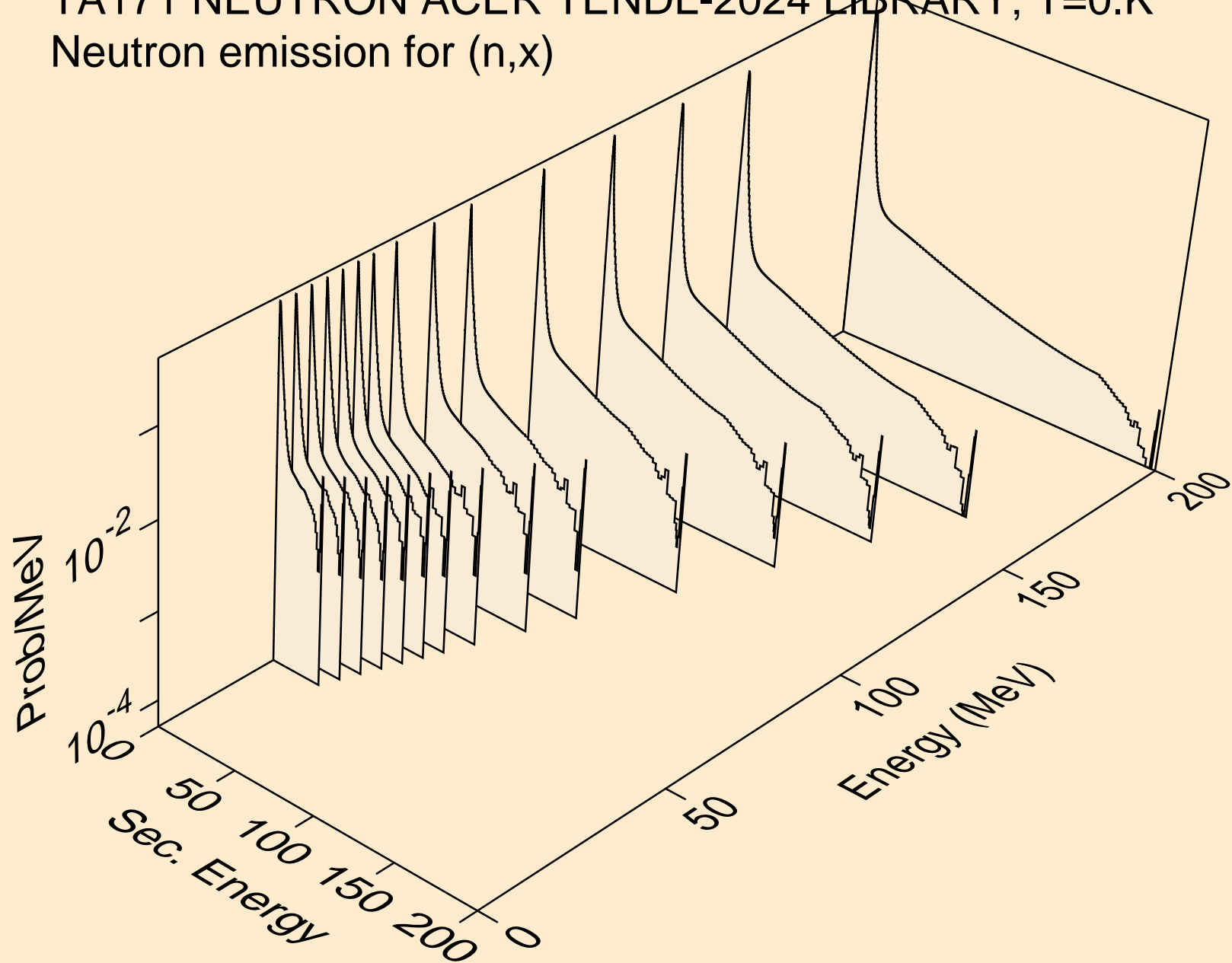




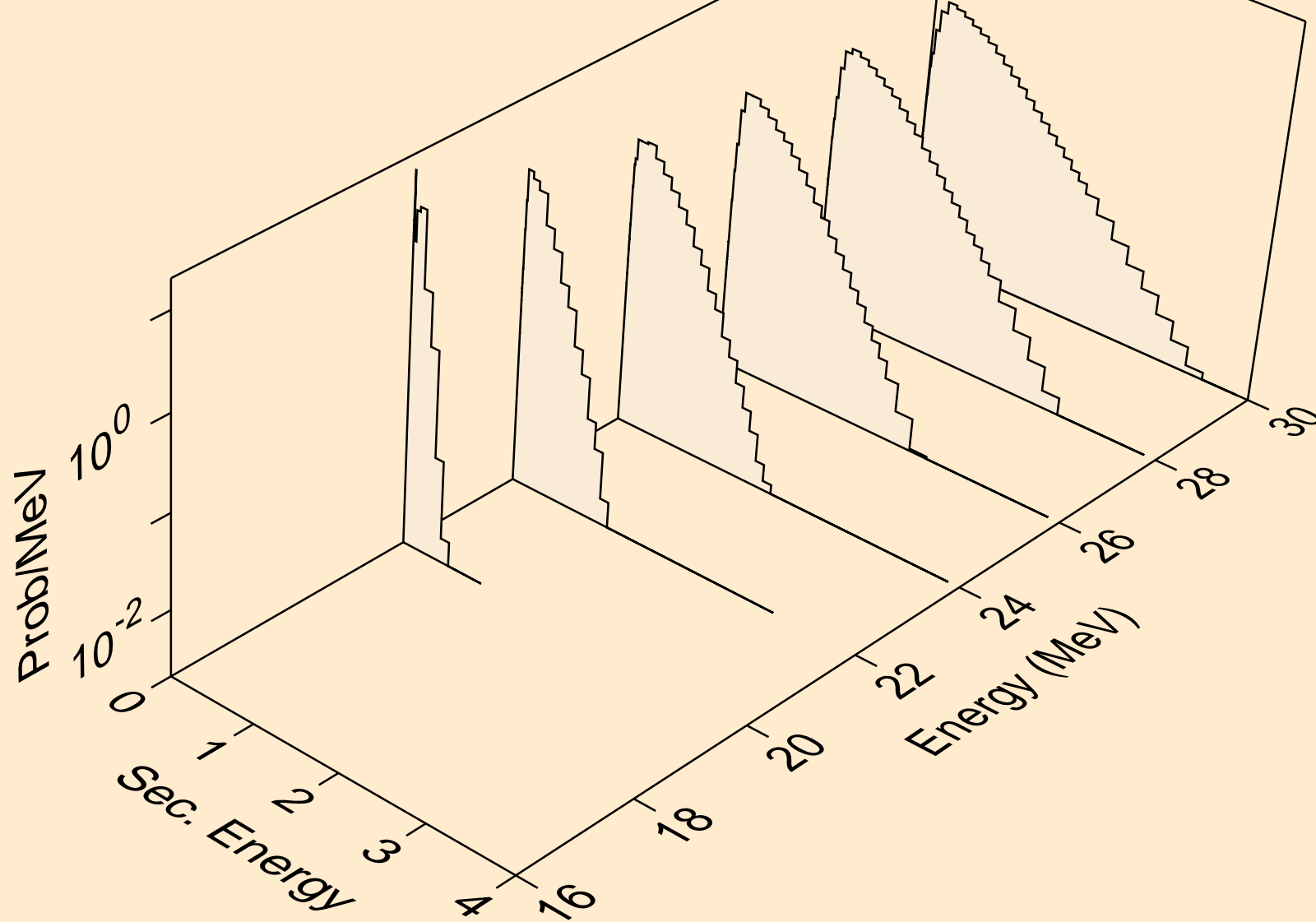
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



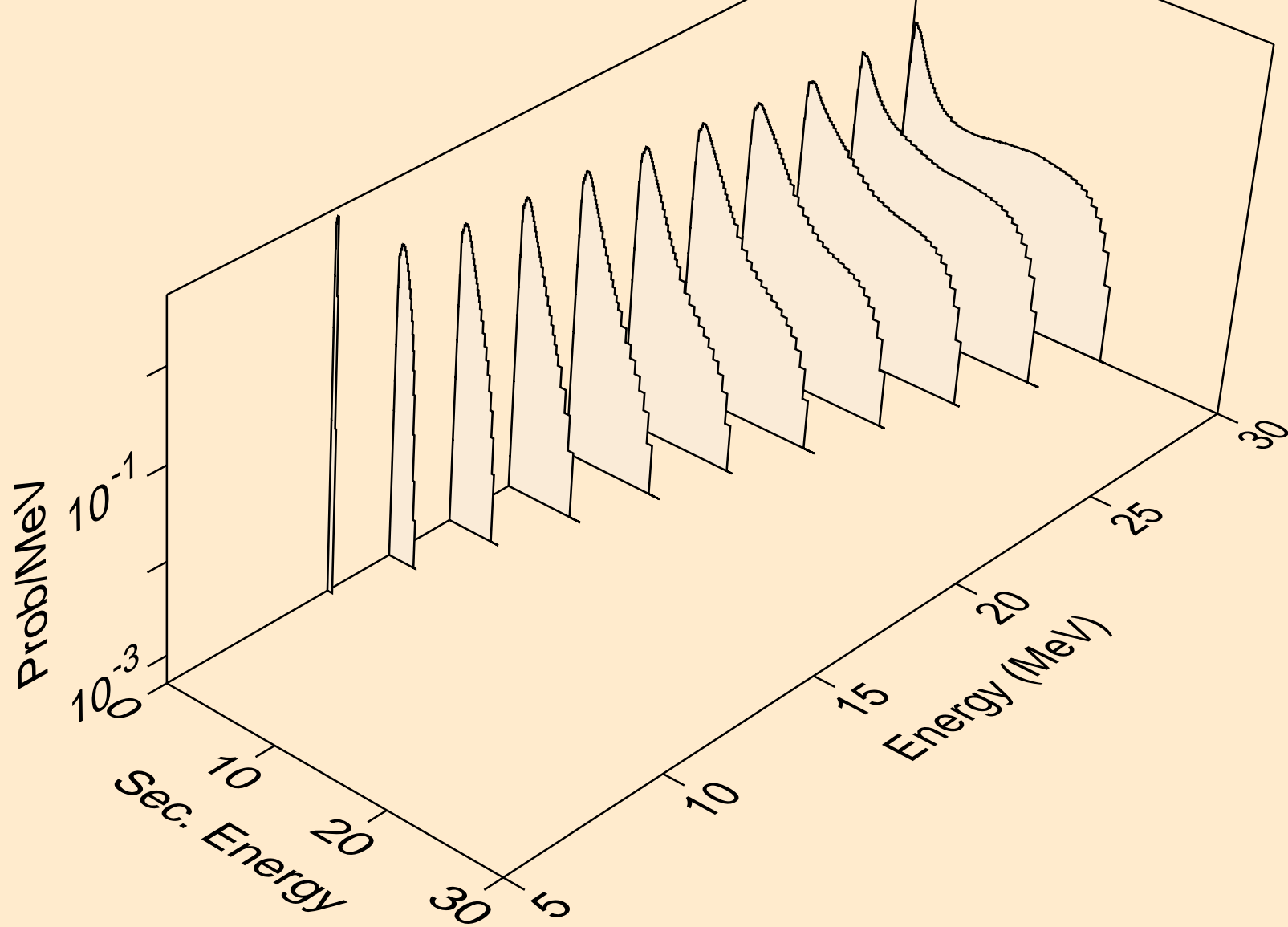
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



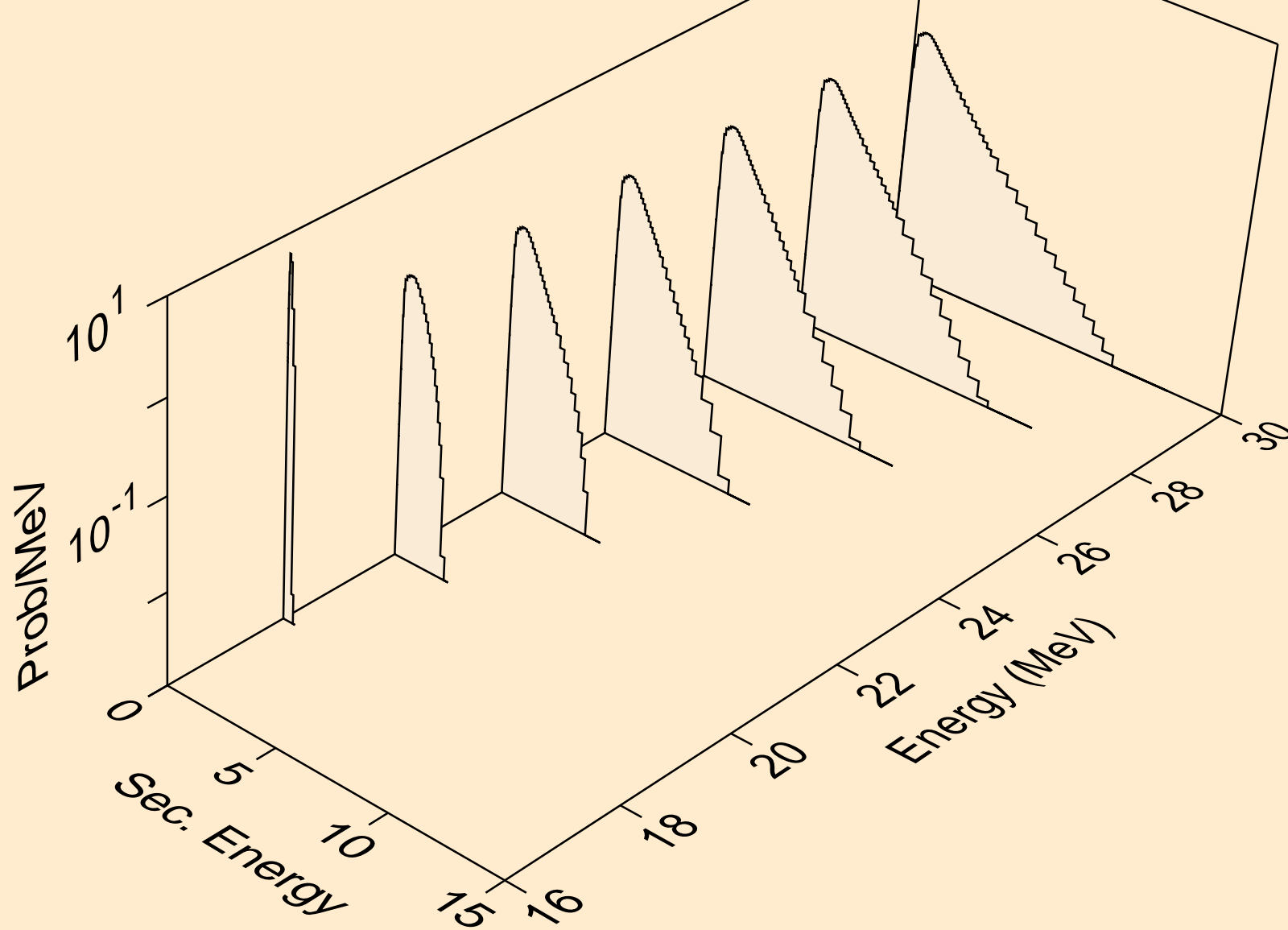
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



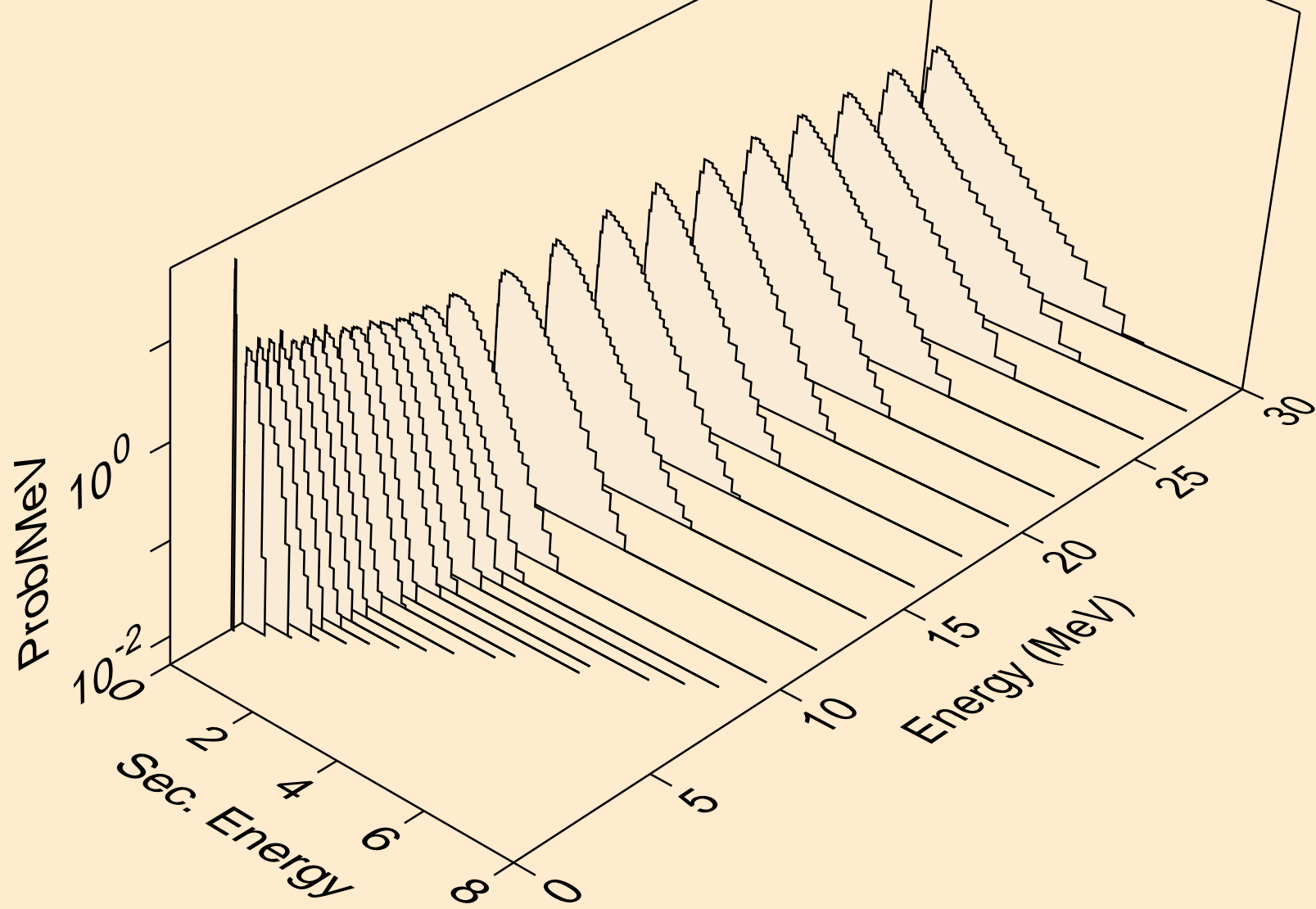
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



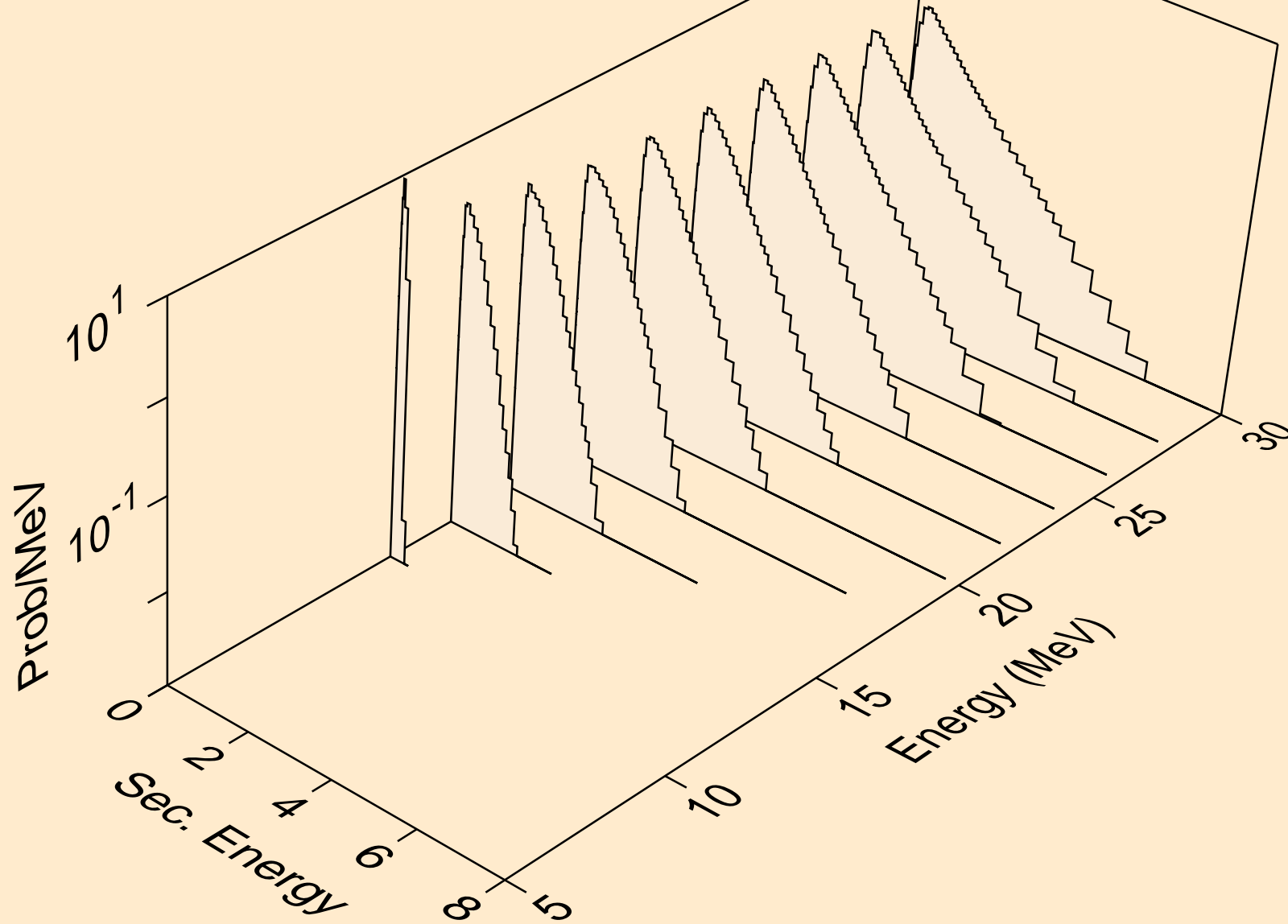
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



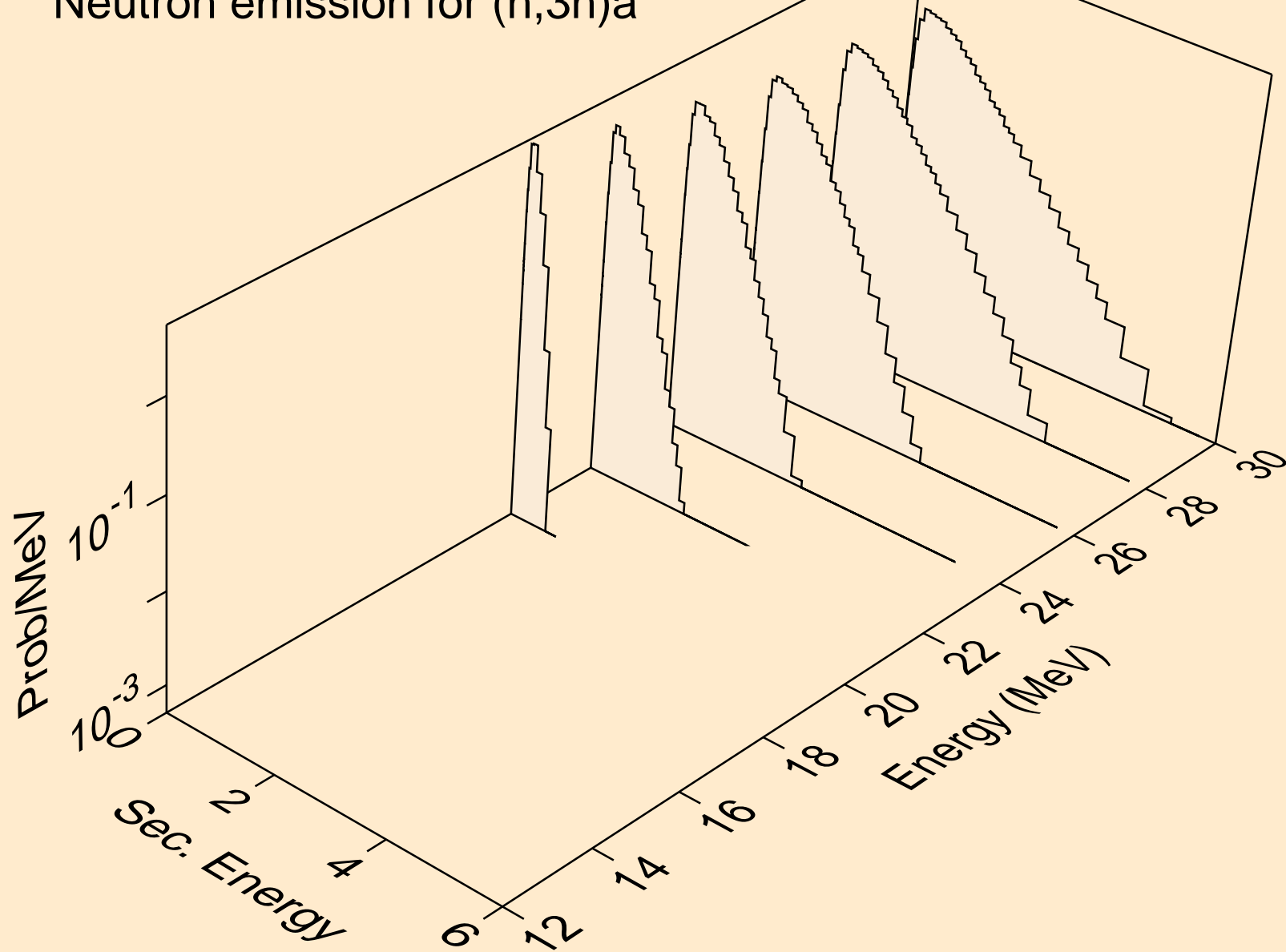
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

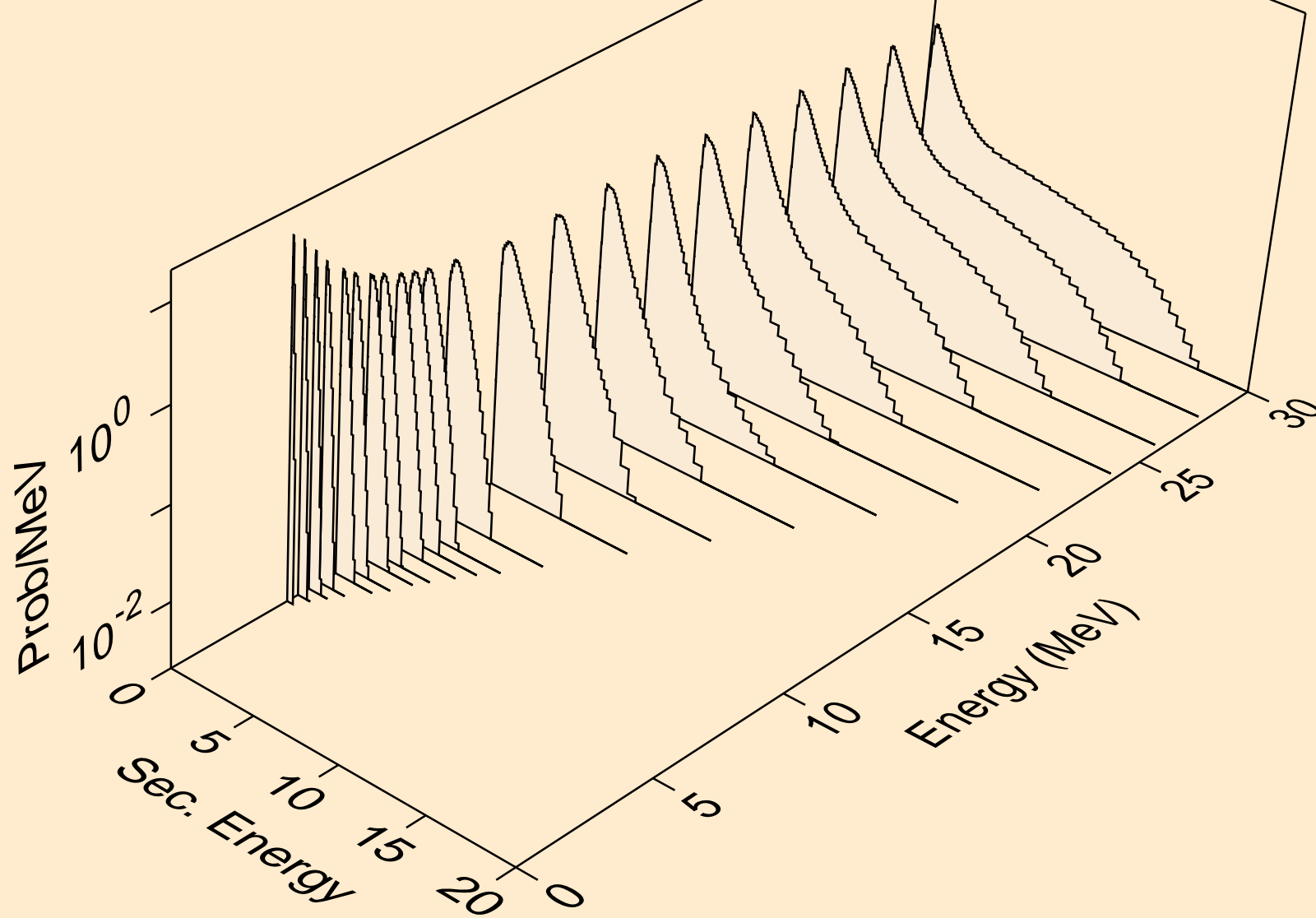


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

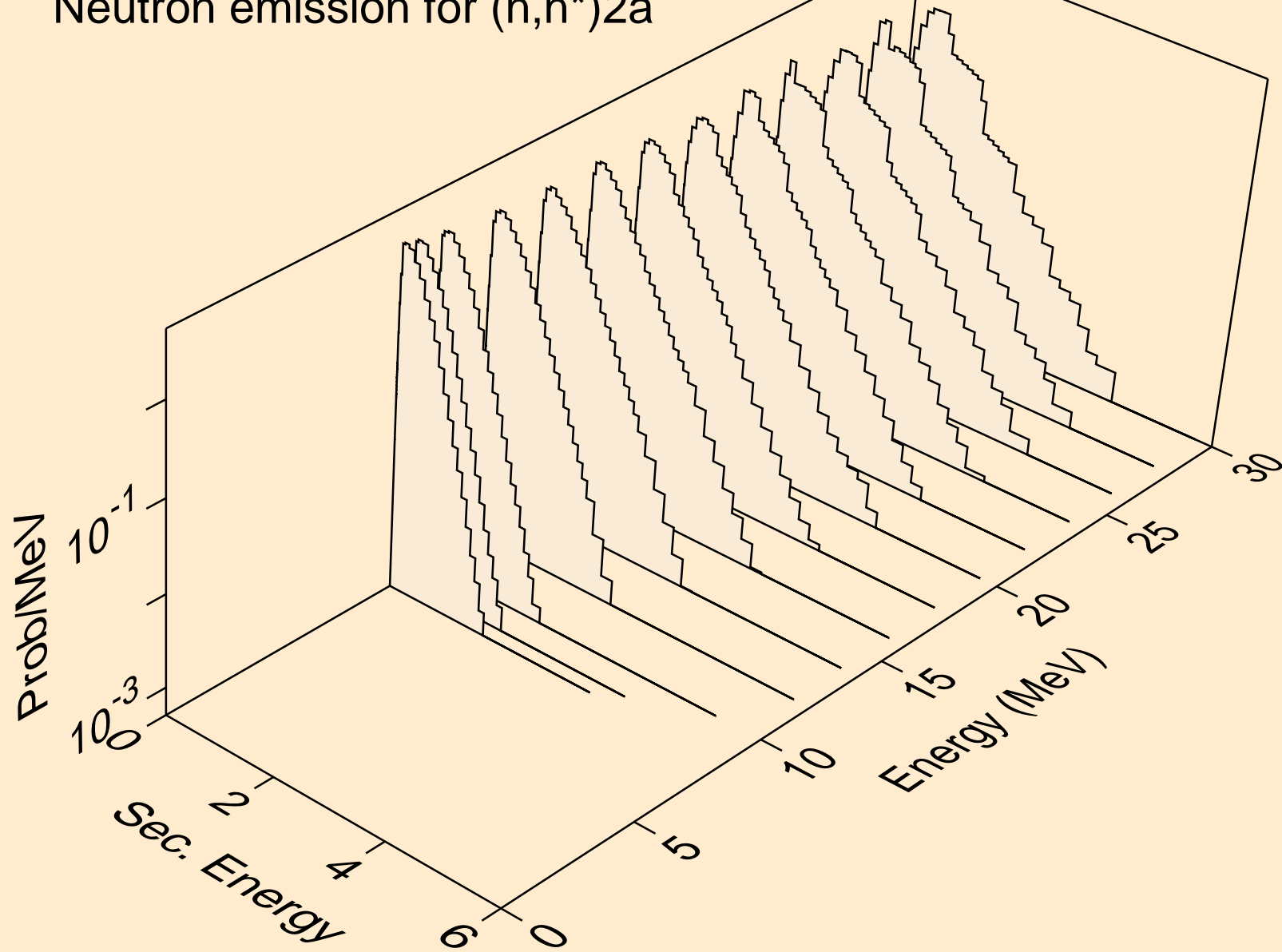




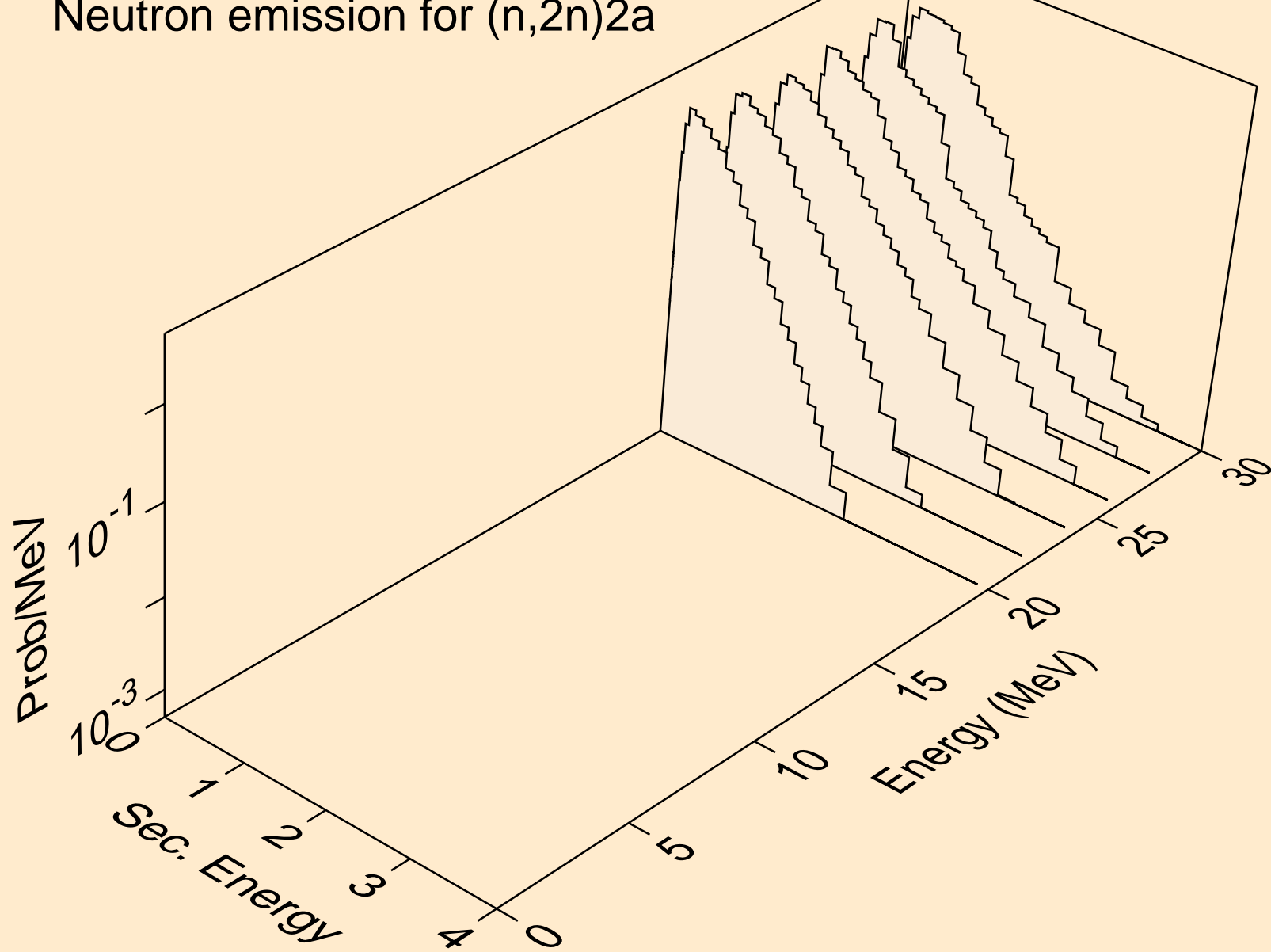
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



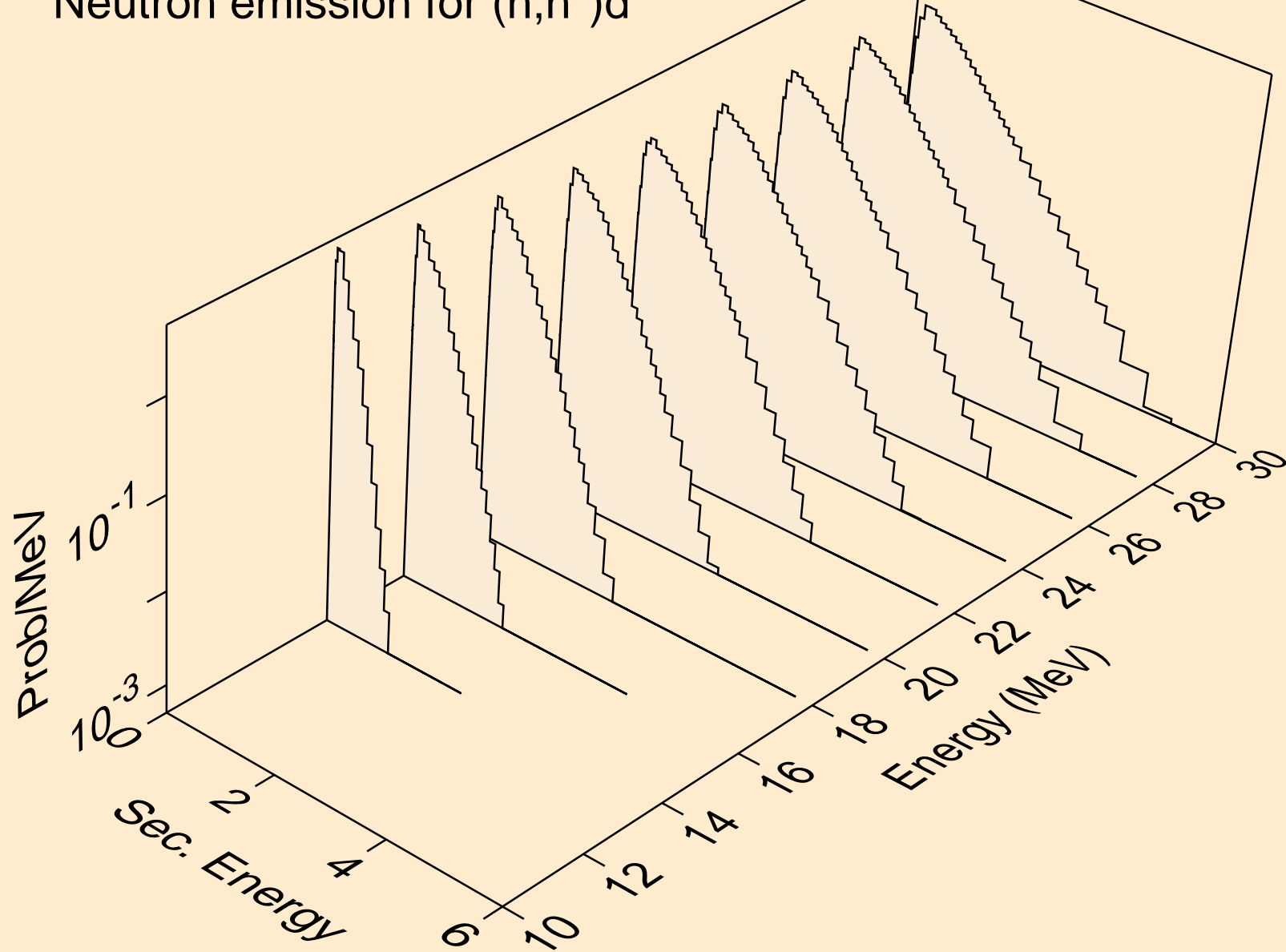
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



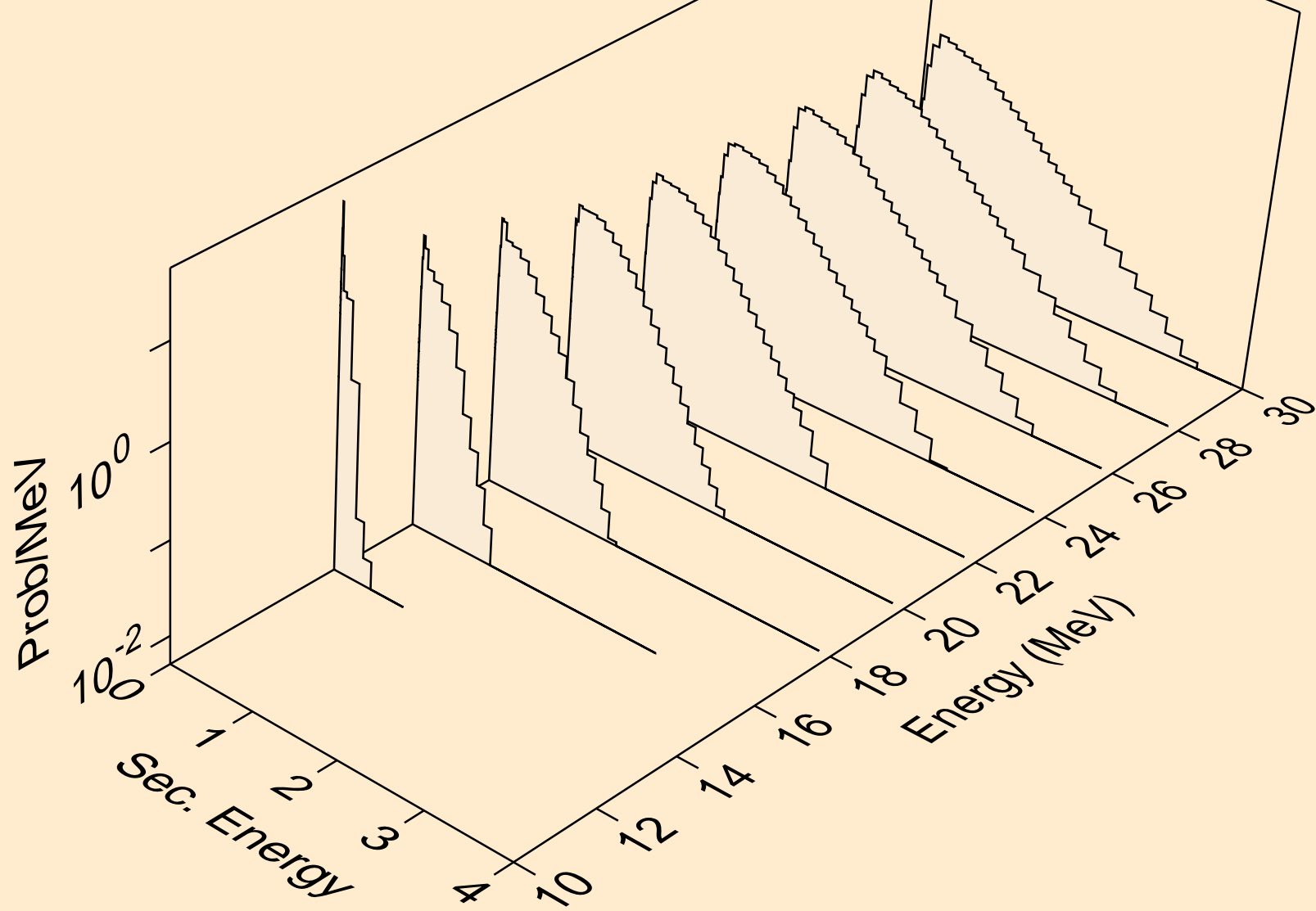
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



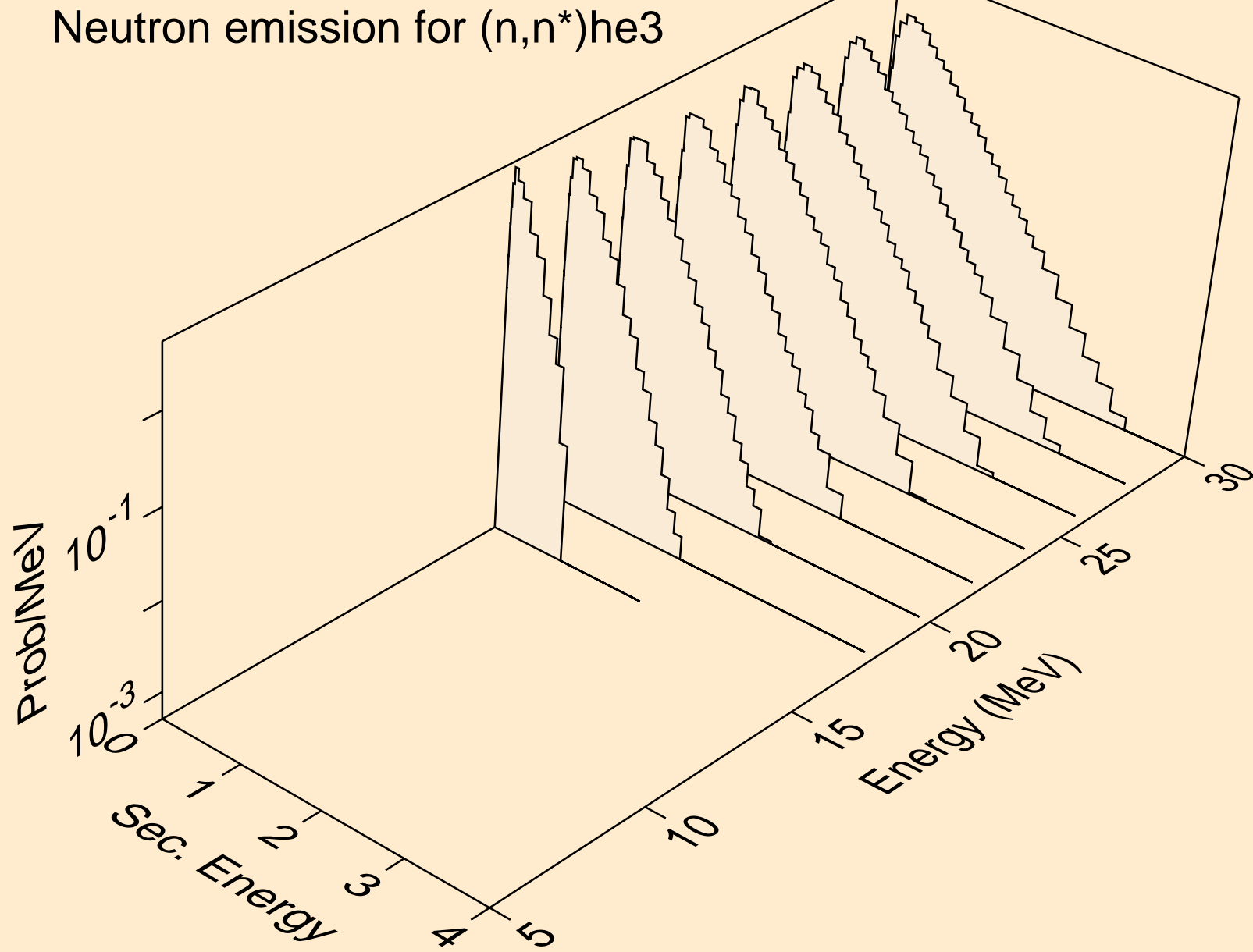
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



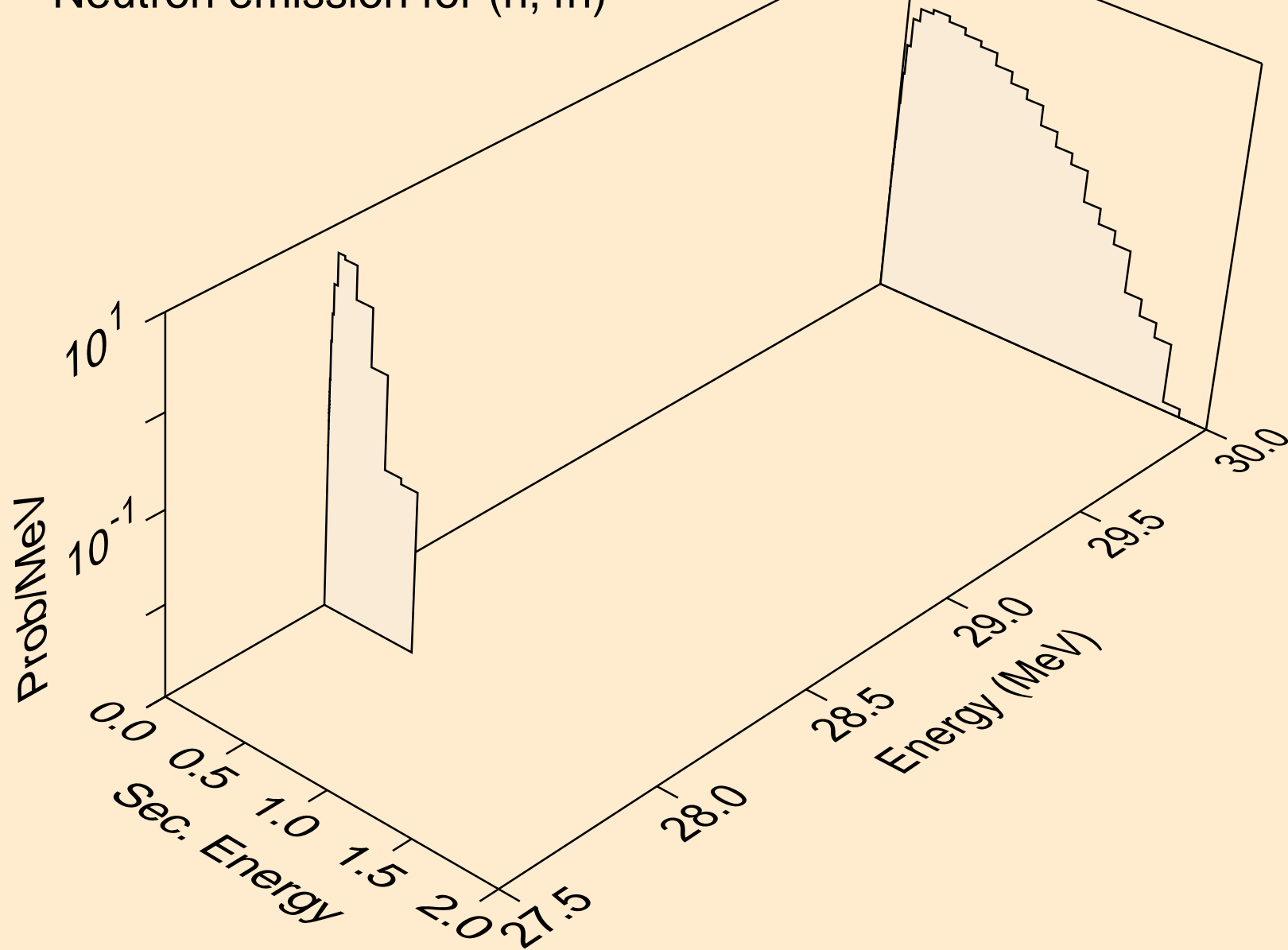
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



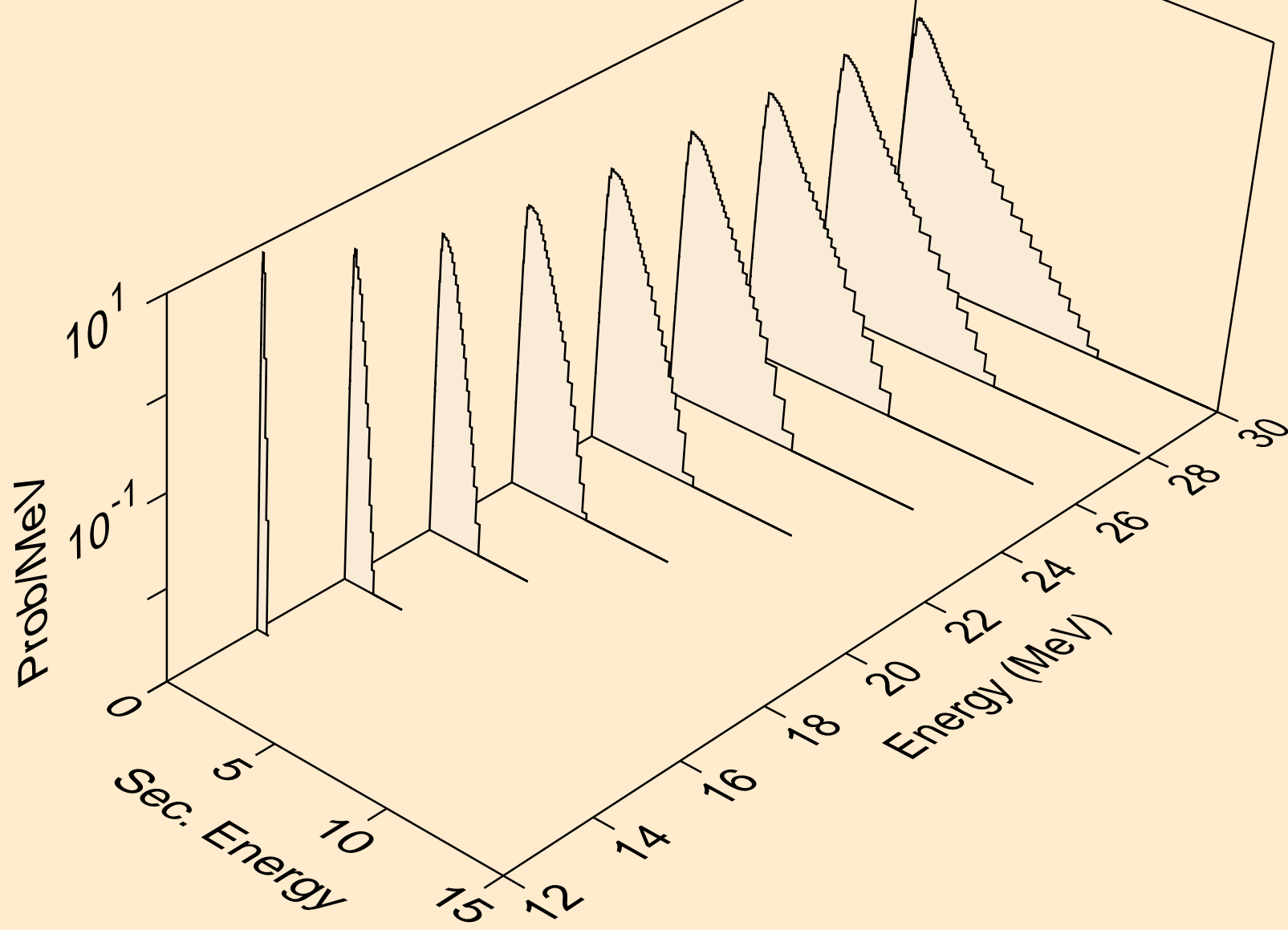
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

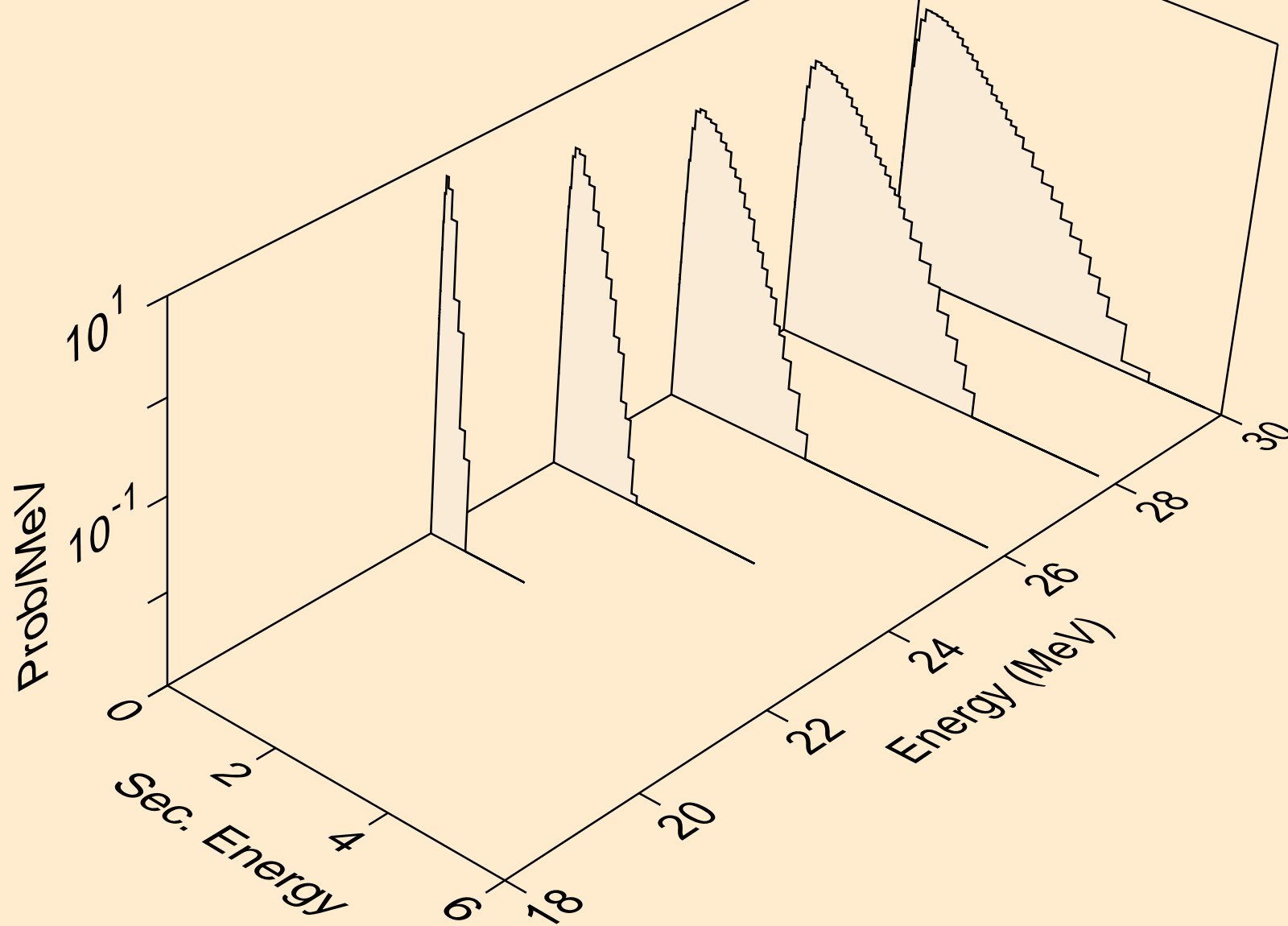


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

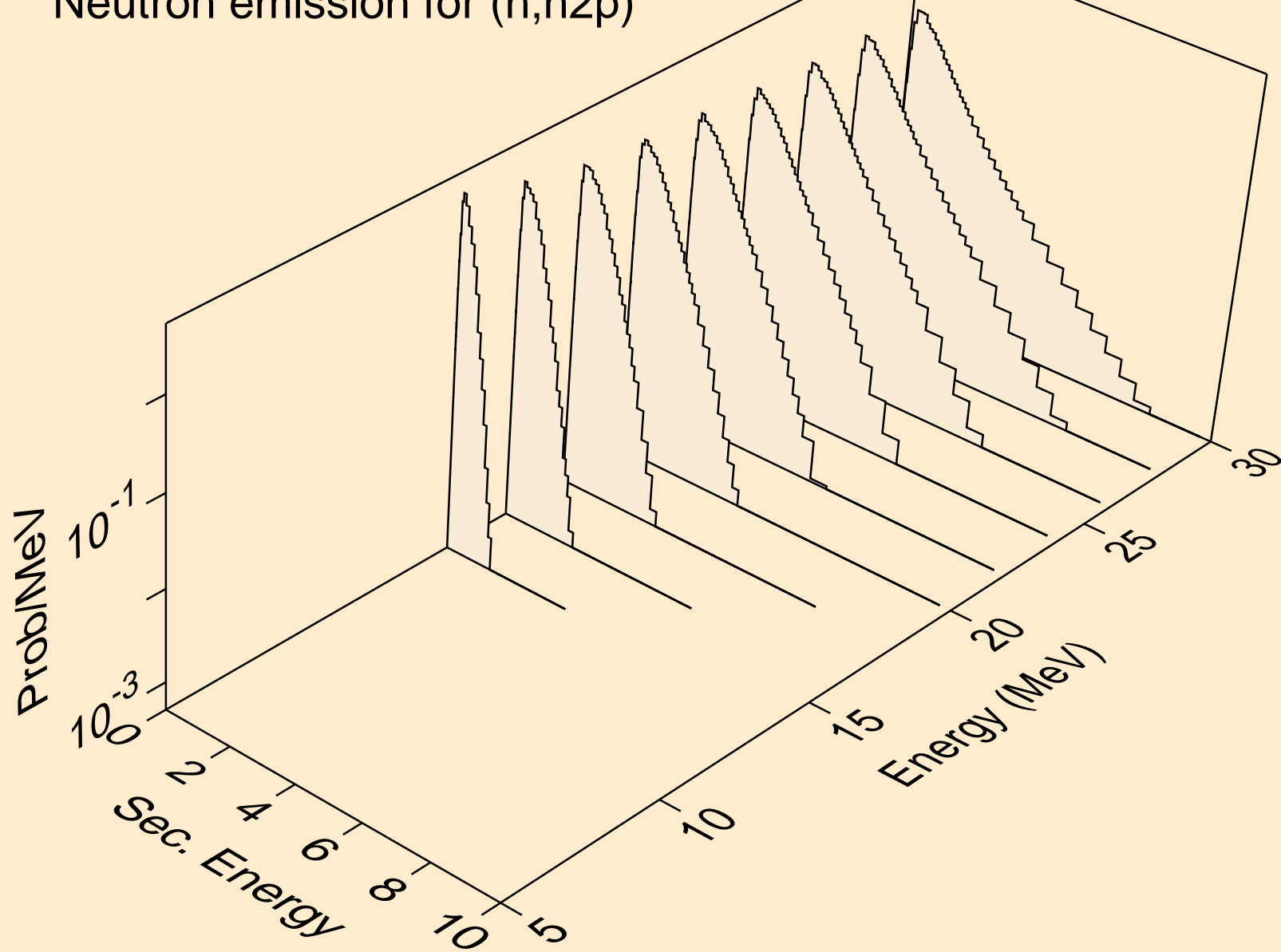




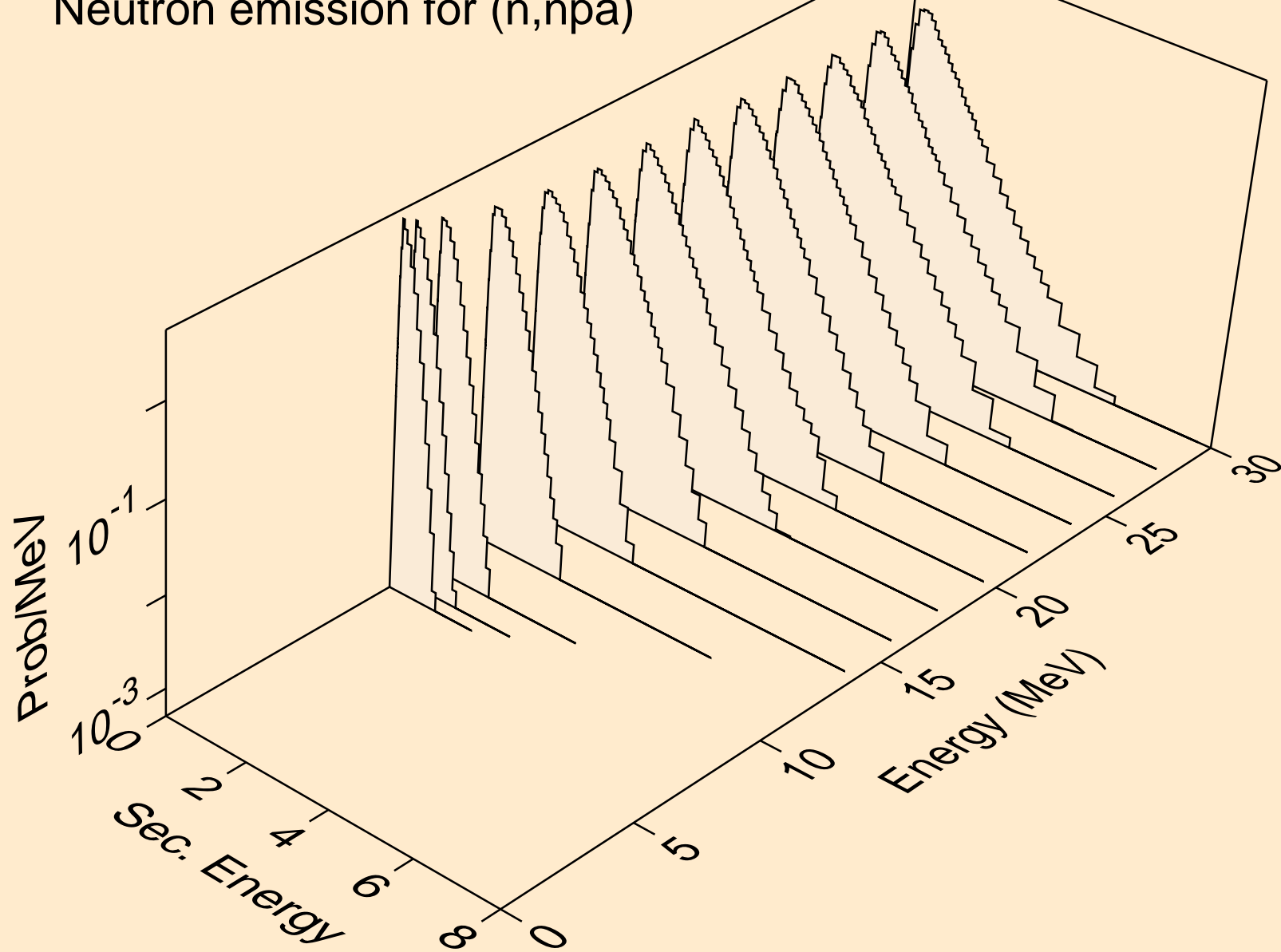
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



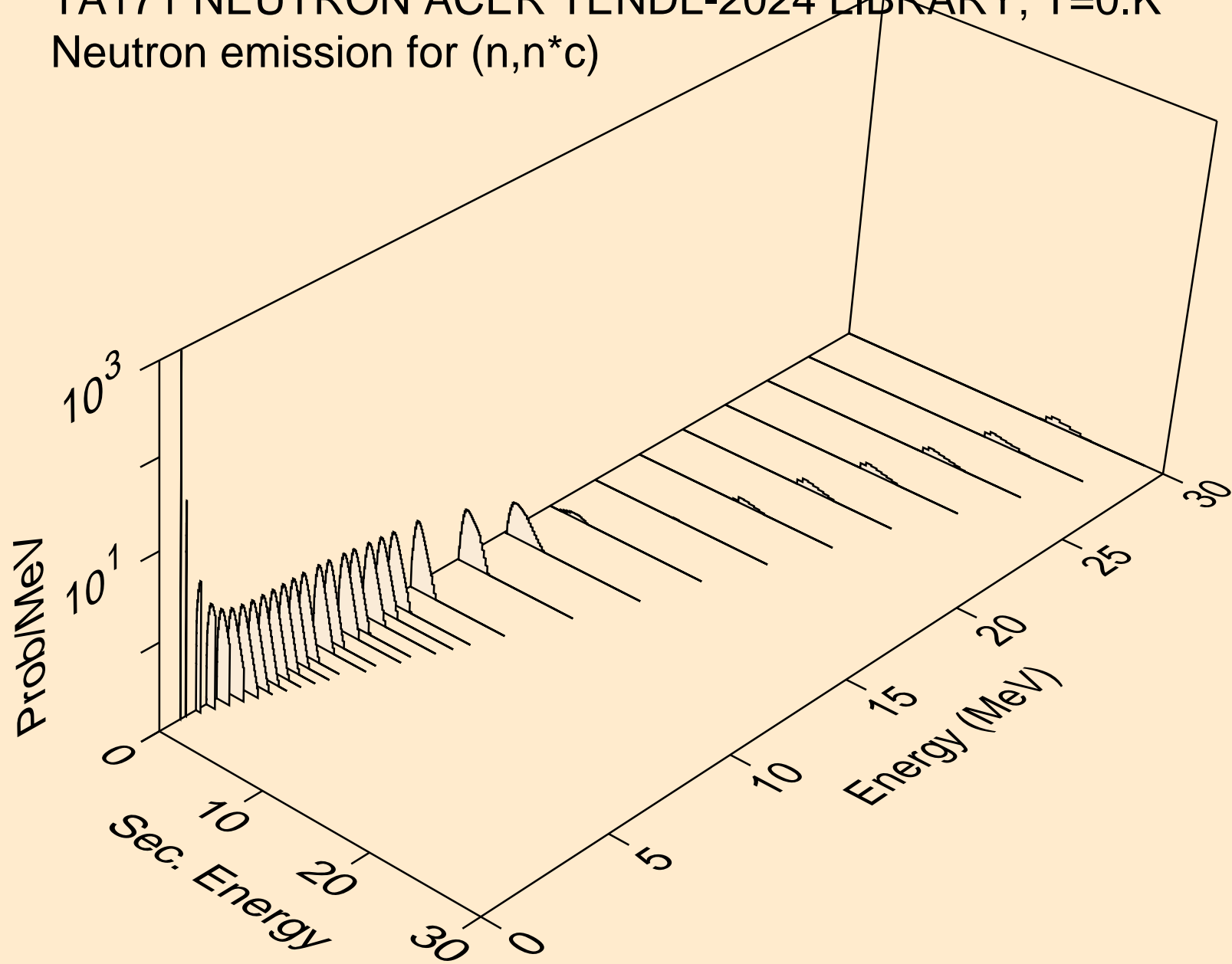
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



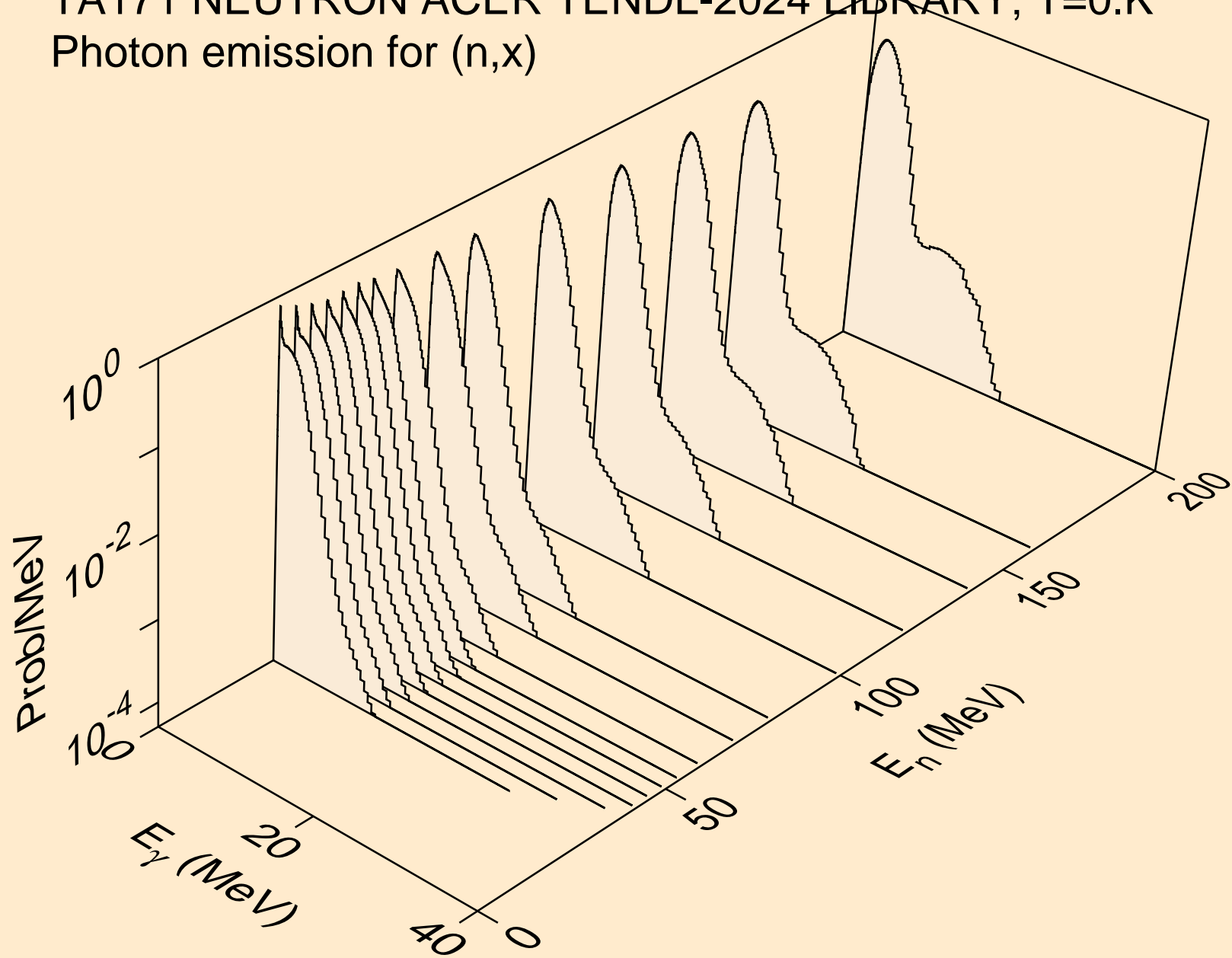
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



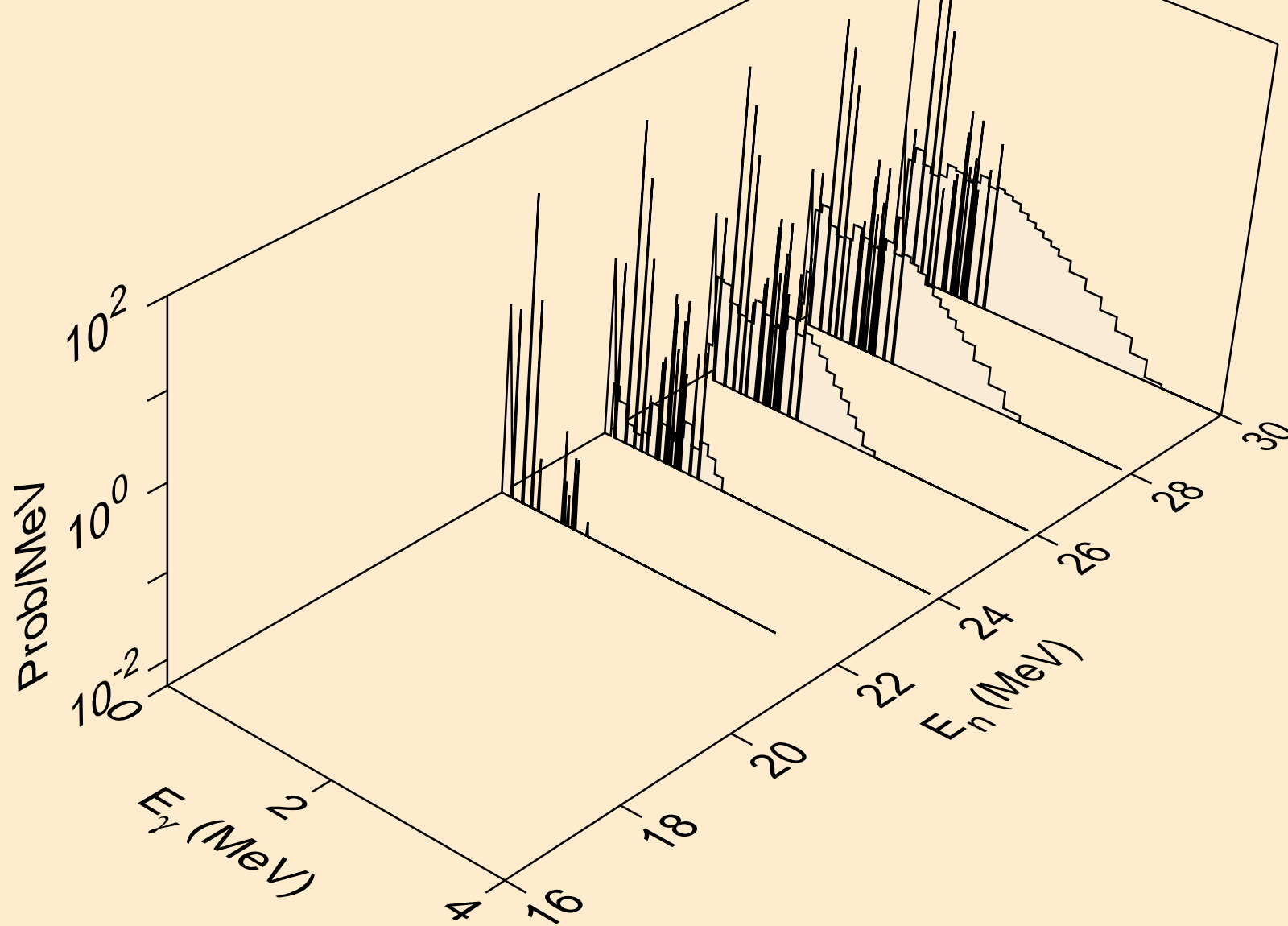
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



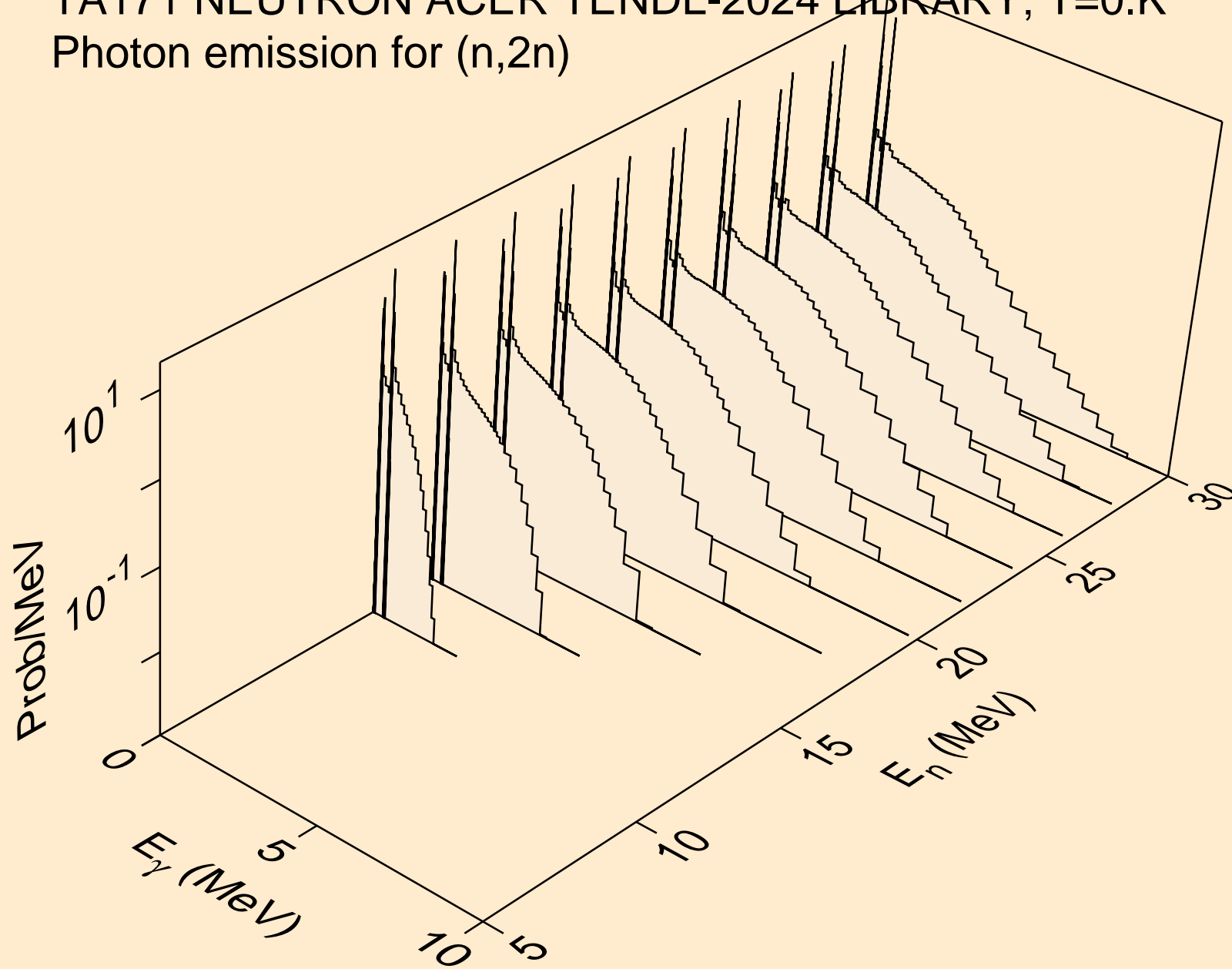
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



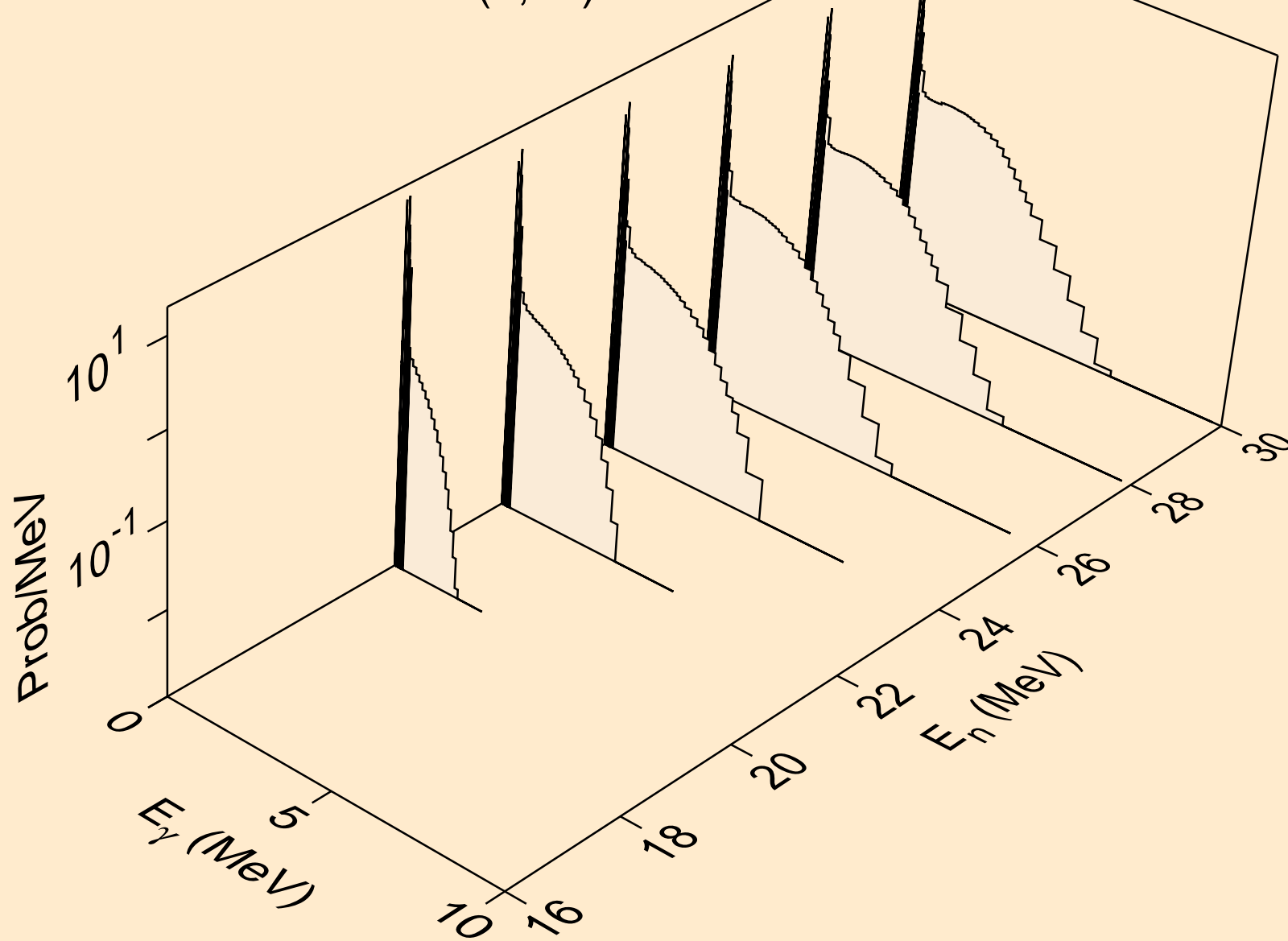
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

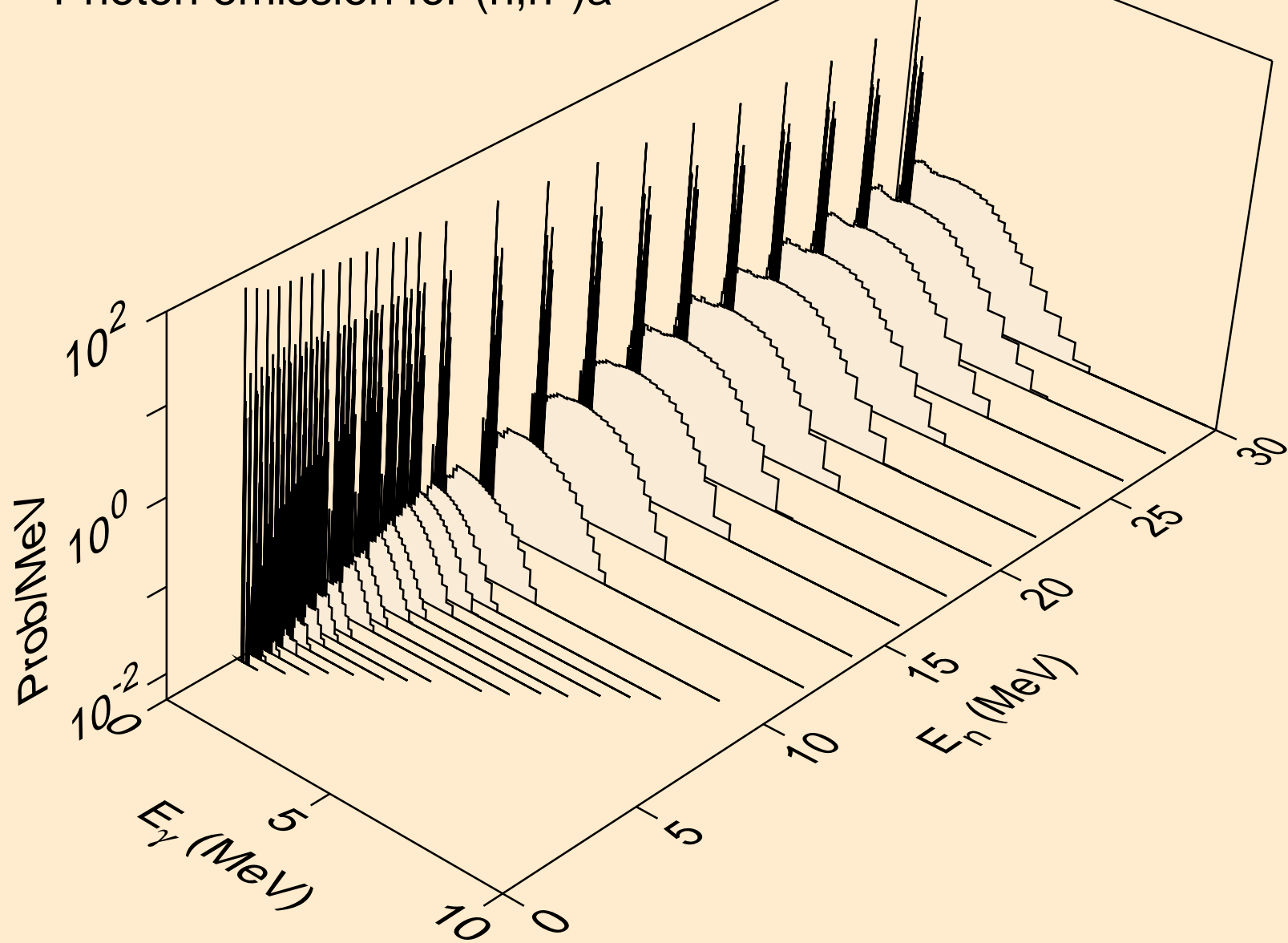


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

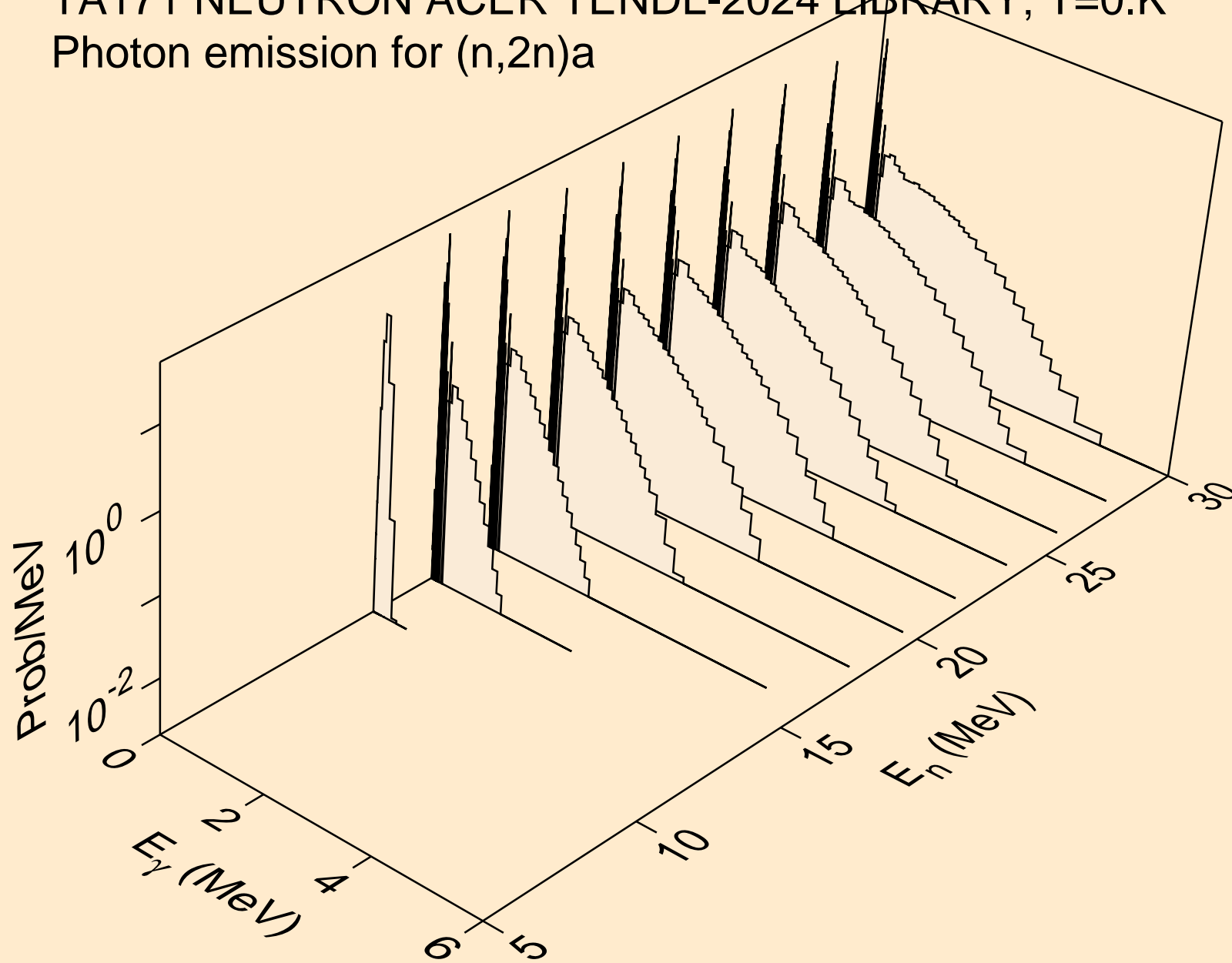




TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

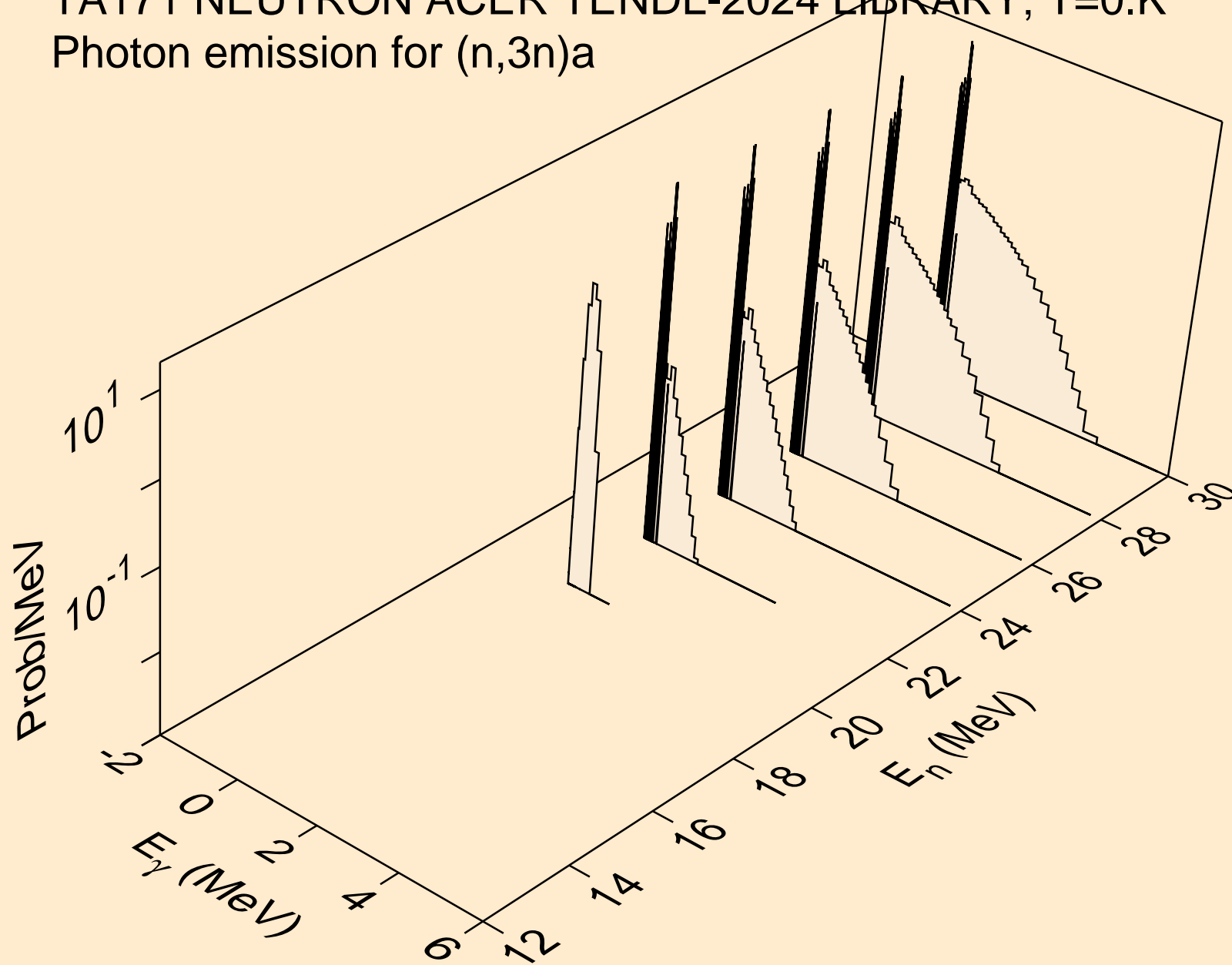


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

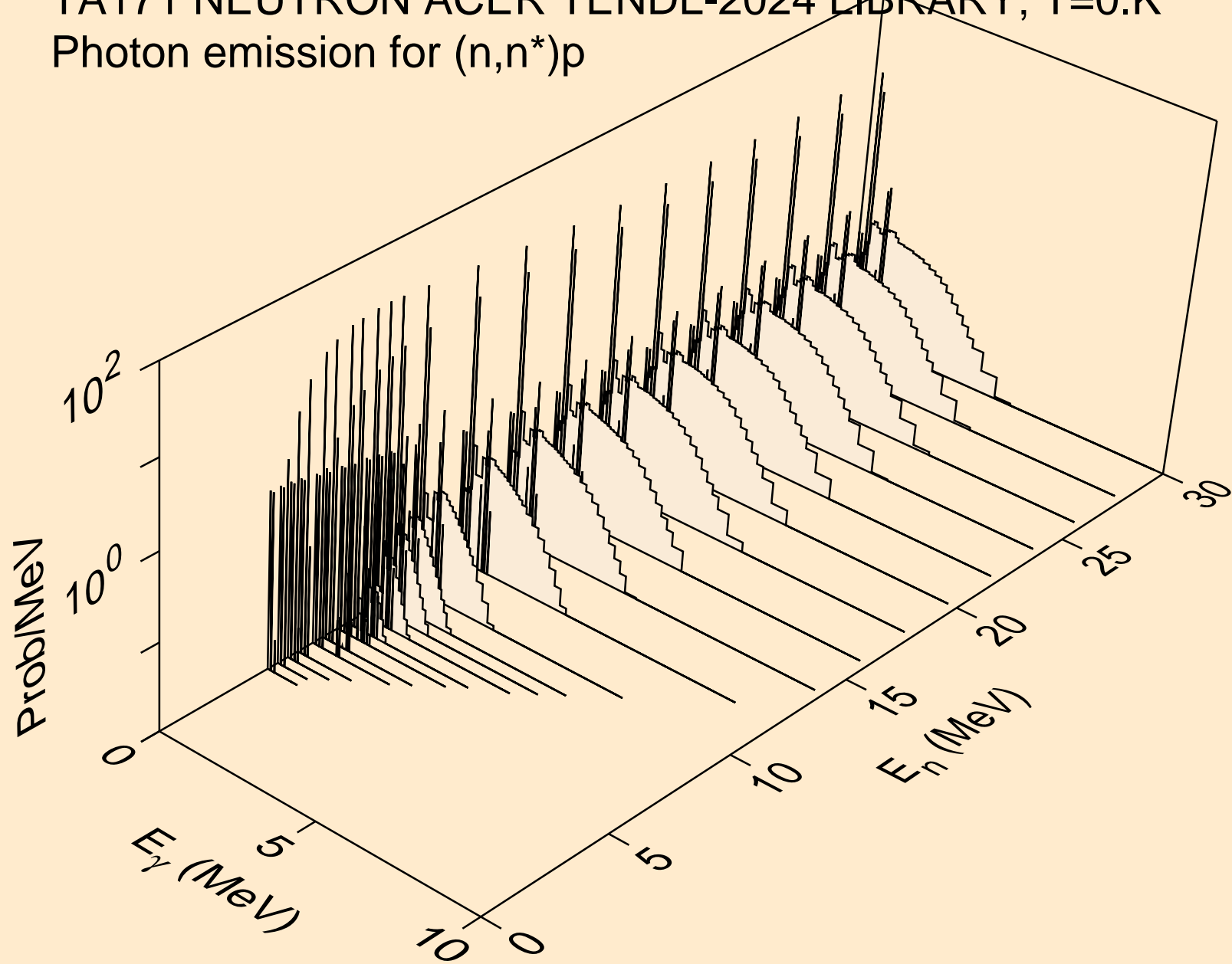


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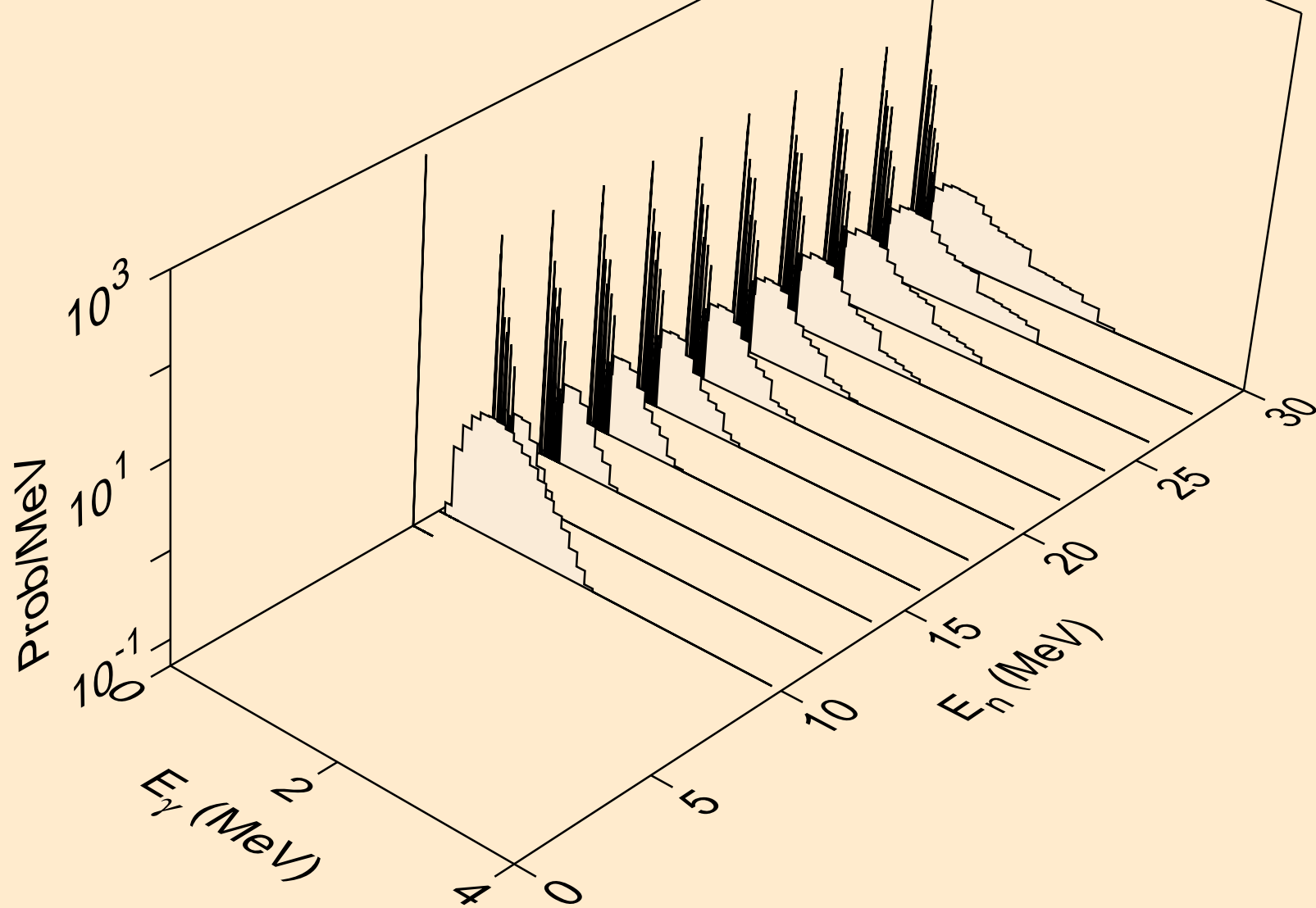
Photon emission for (n,3n)a



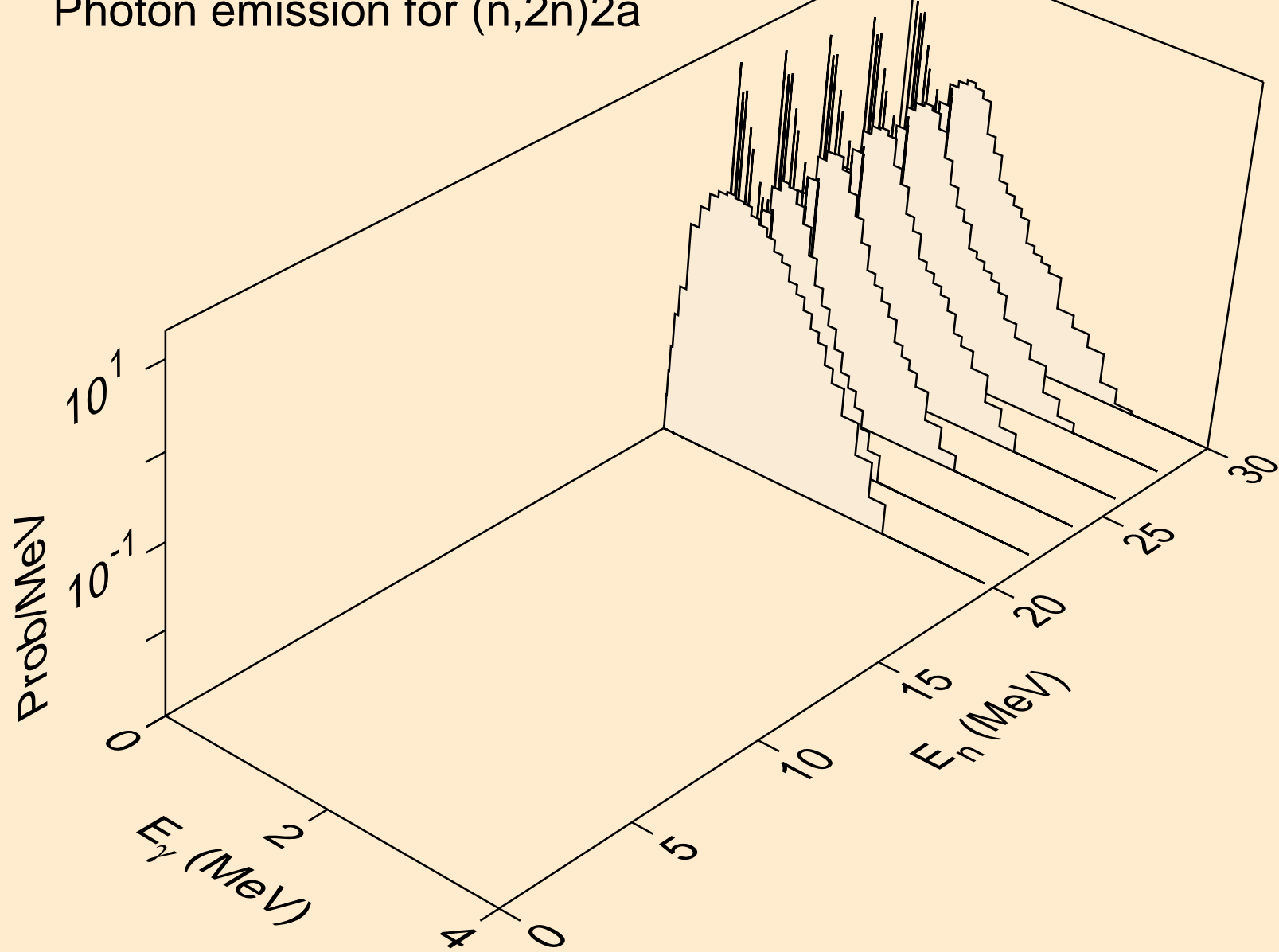
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



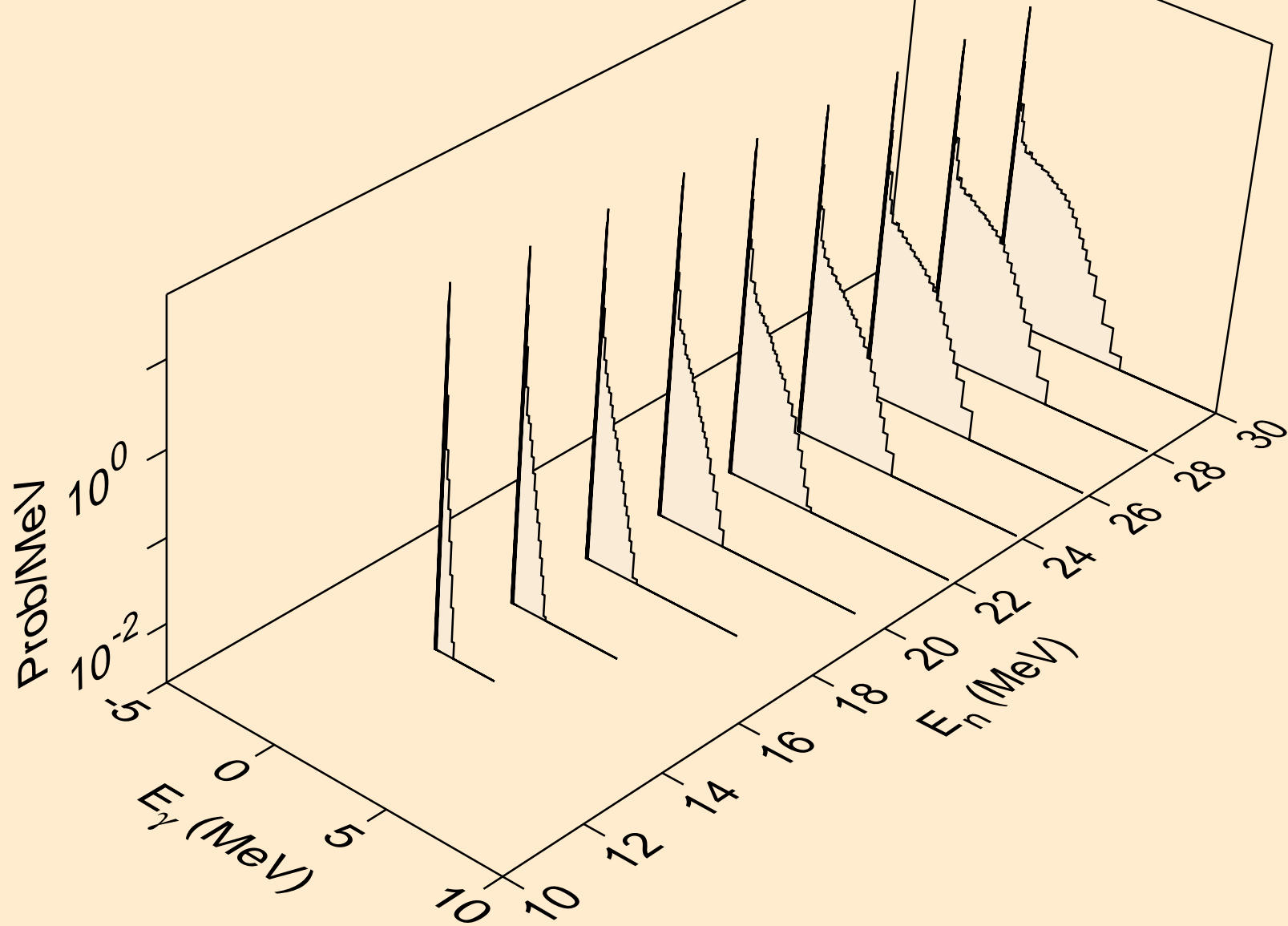
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



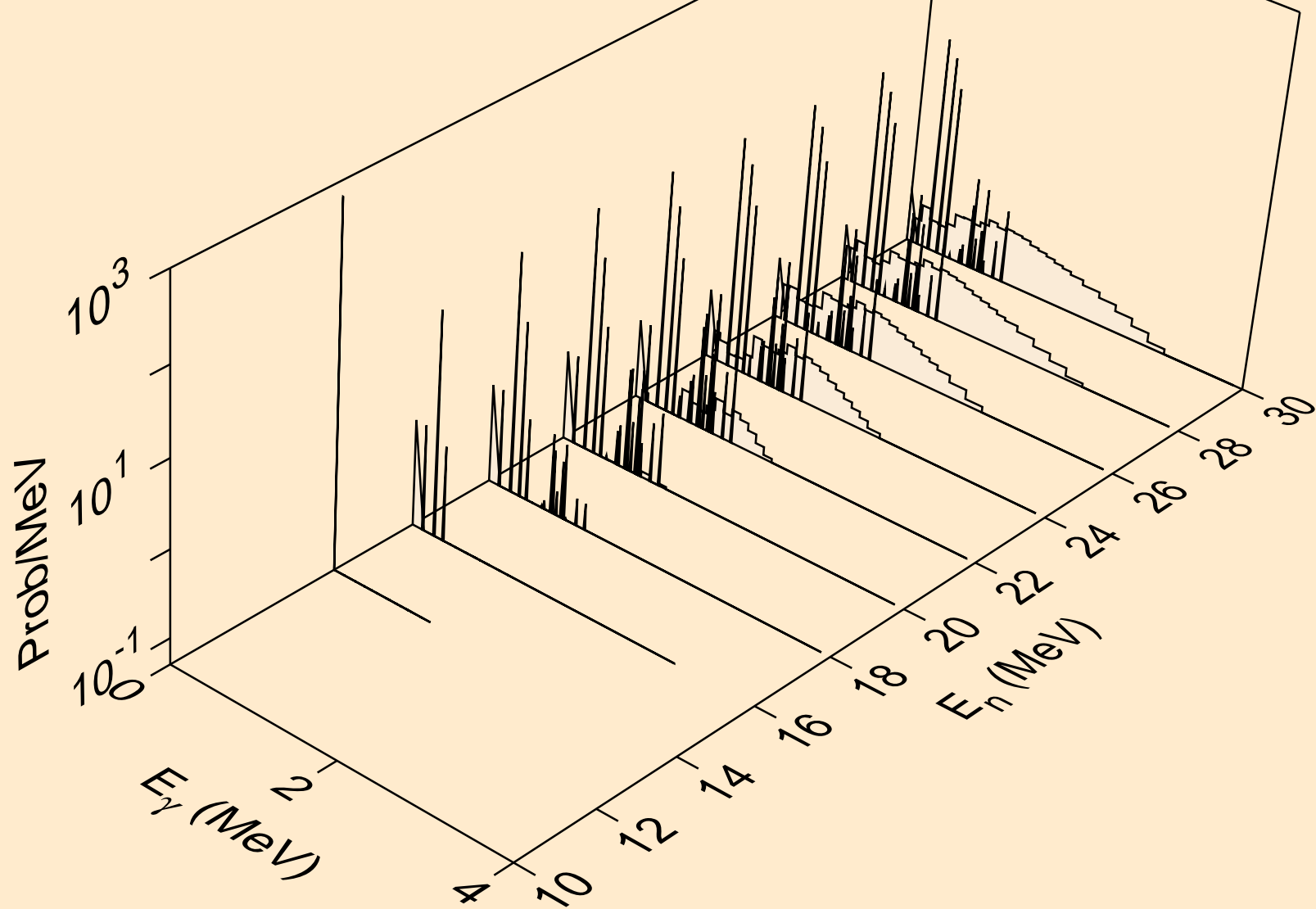
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

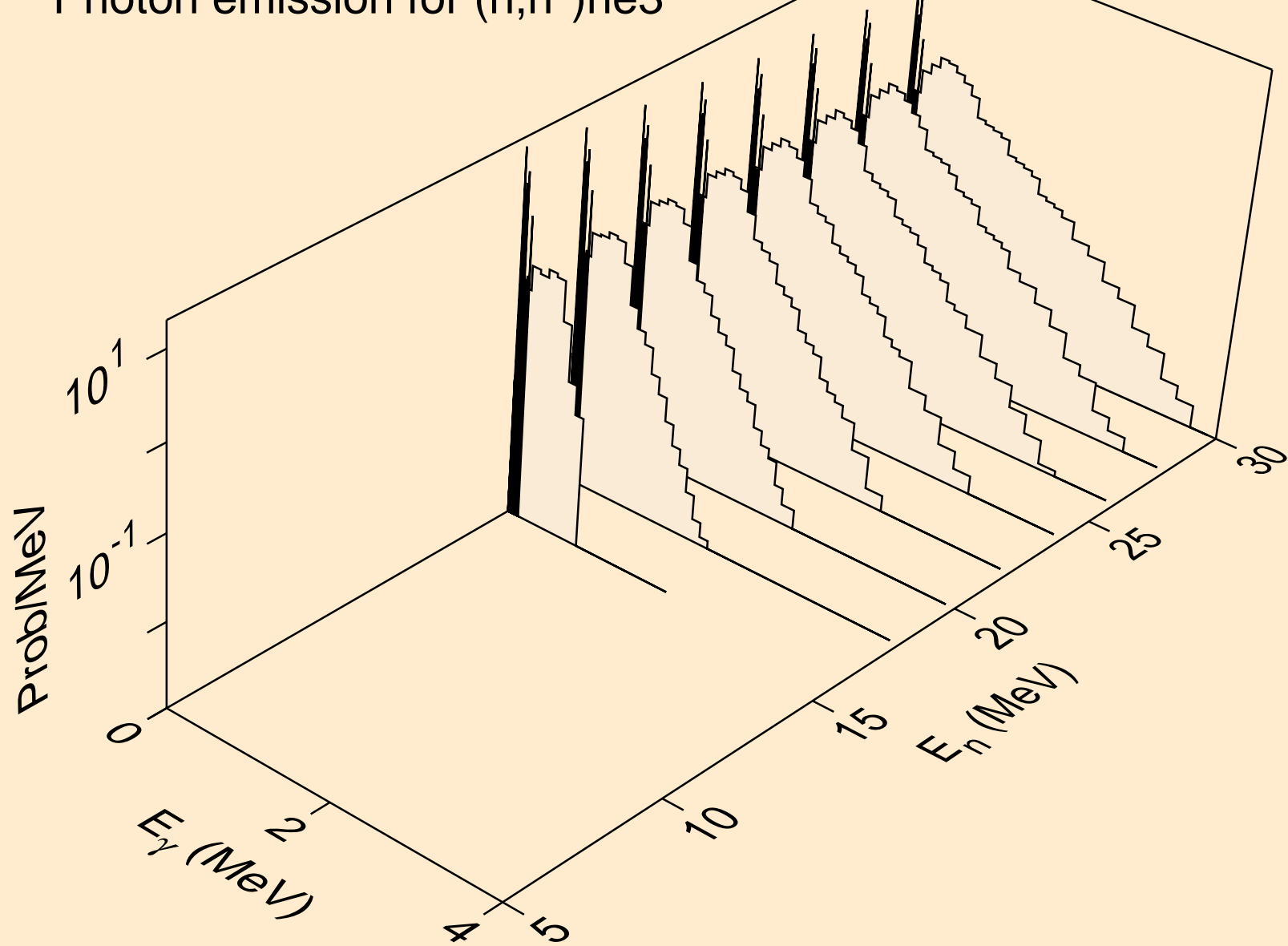


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

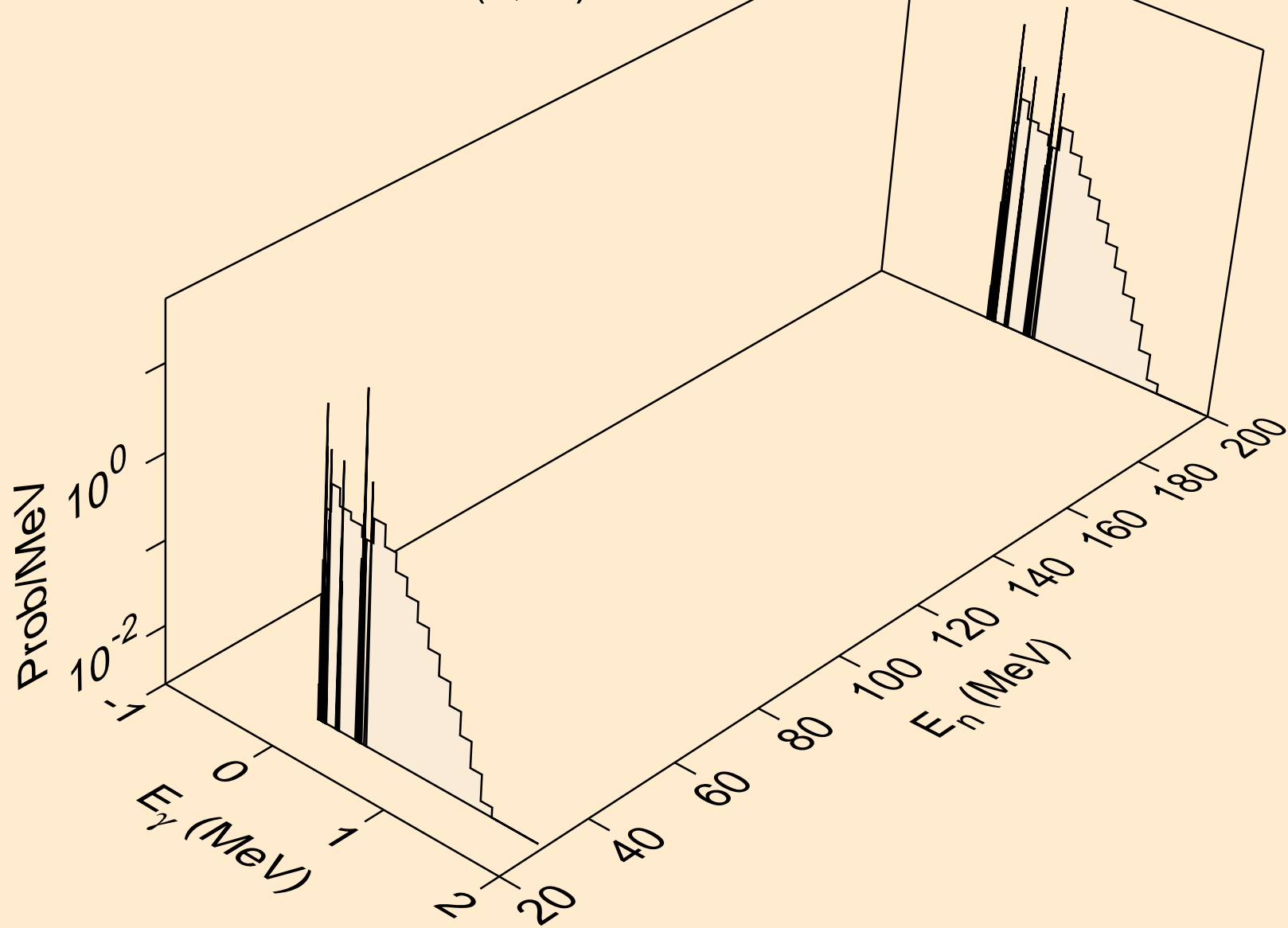




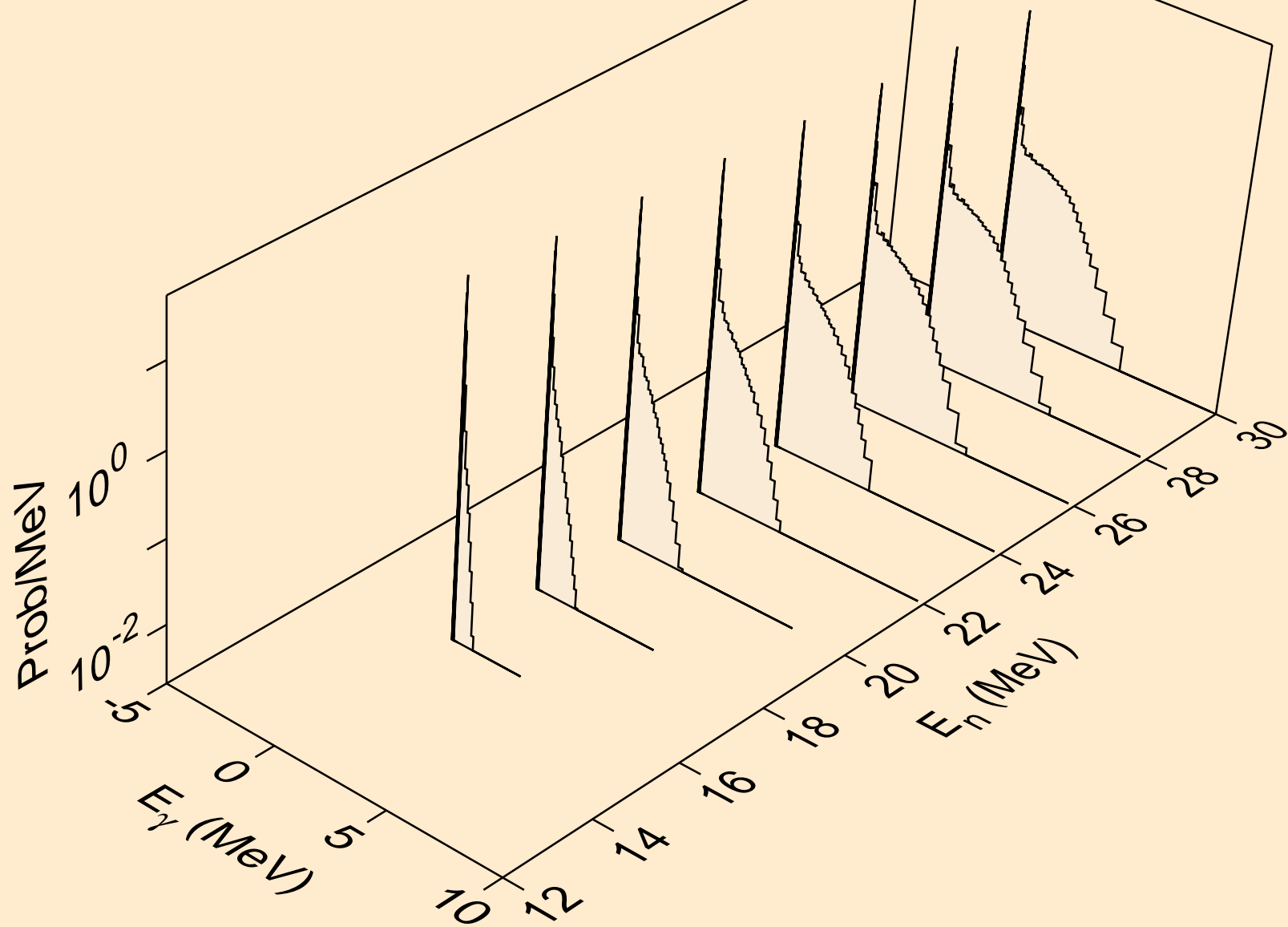
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



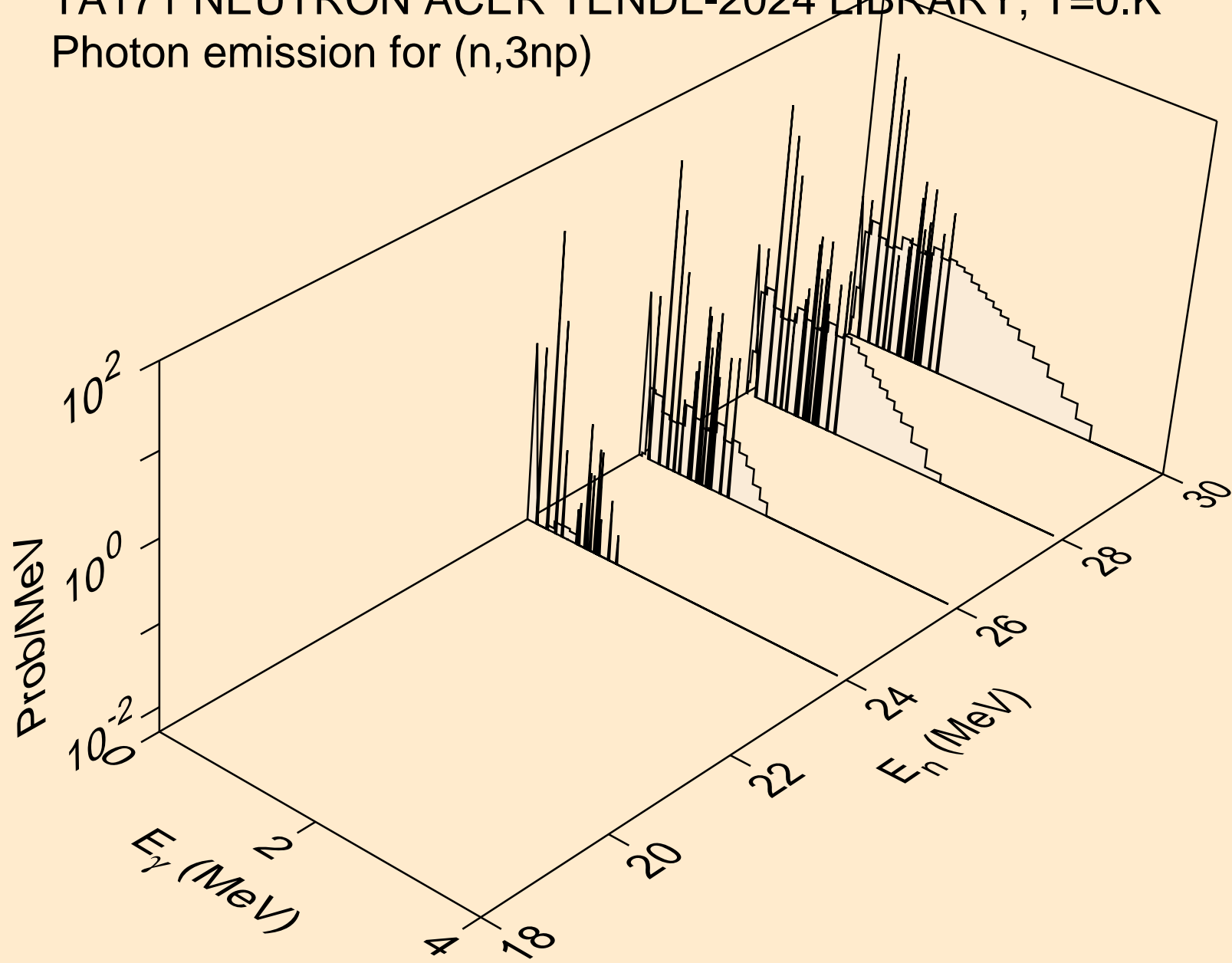
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



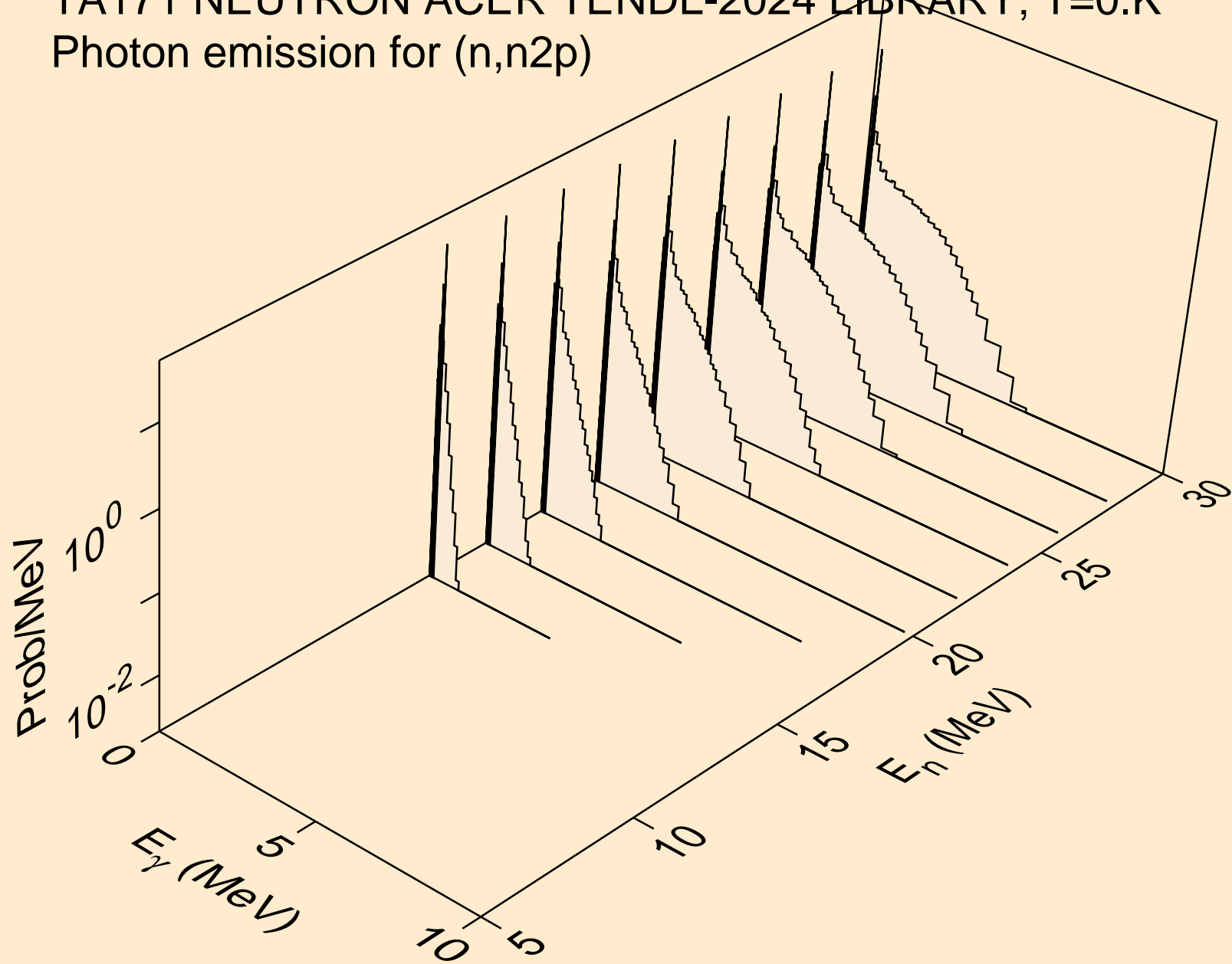
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



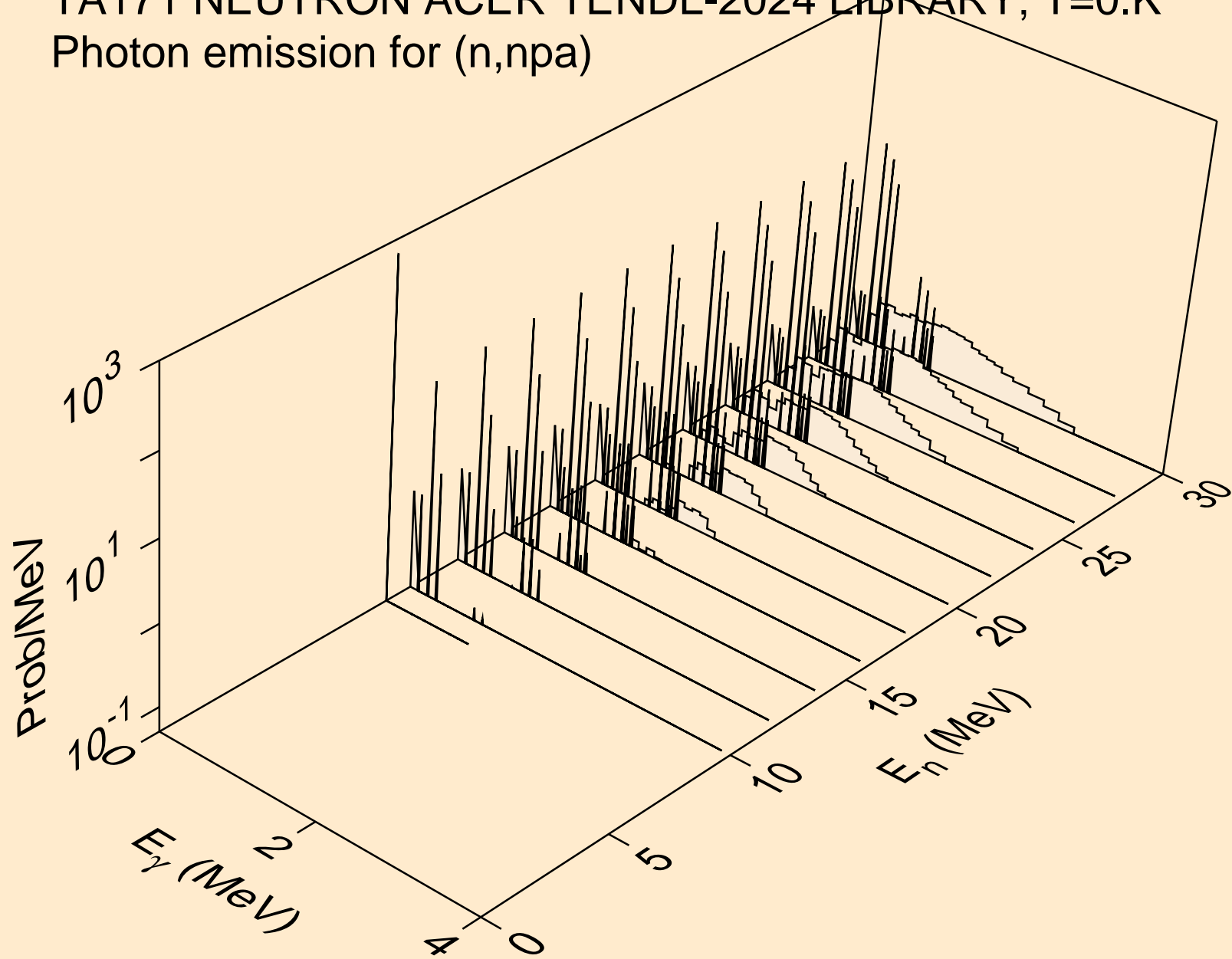
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



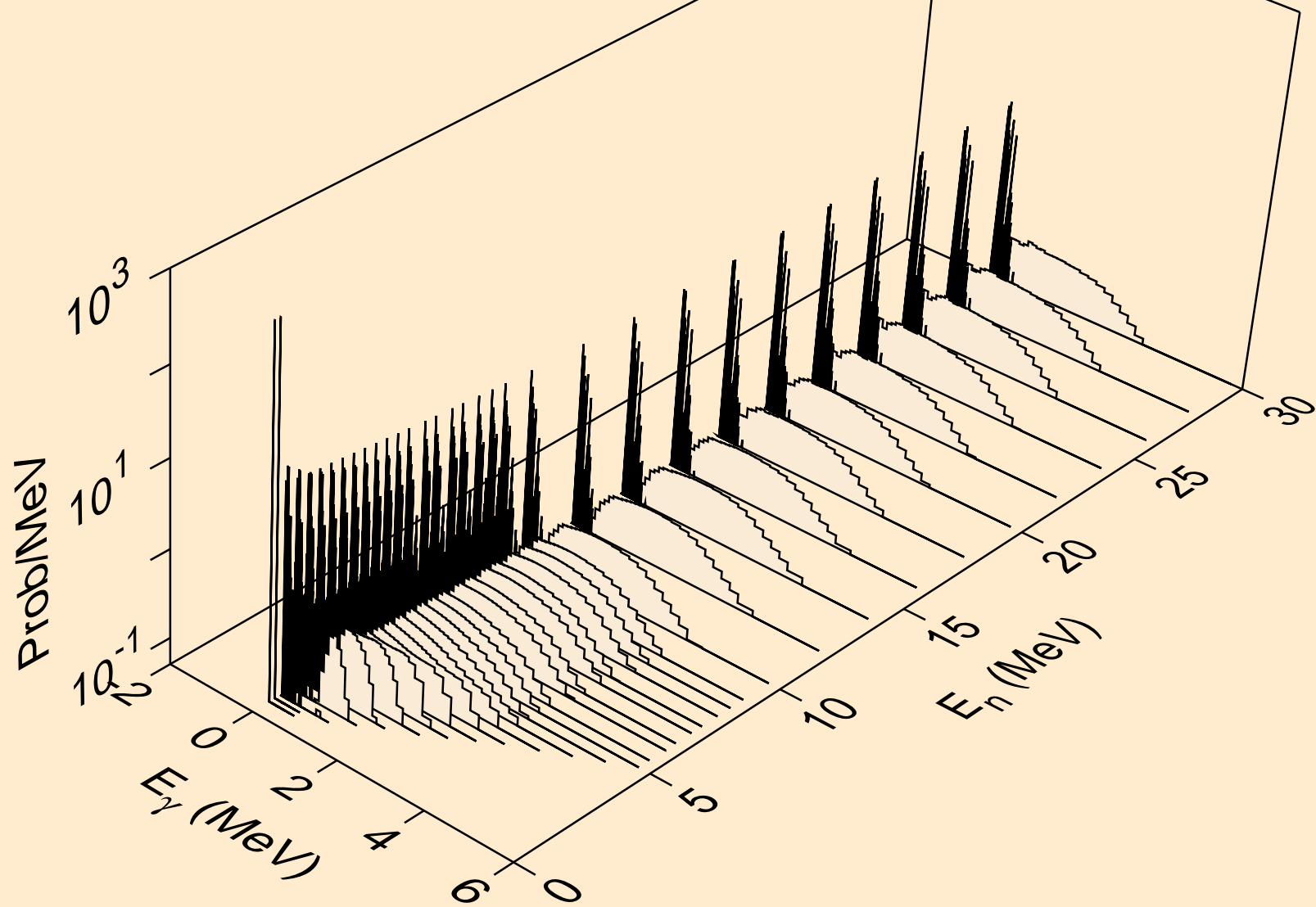
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



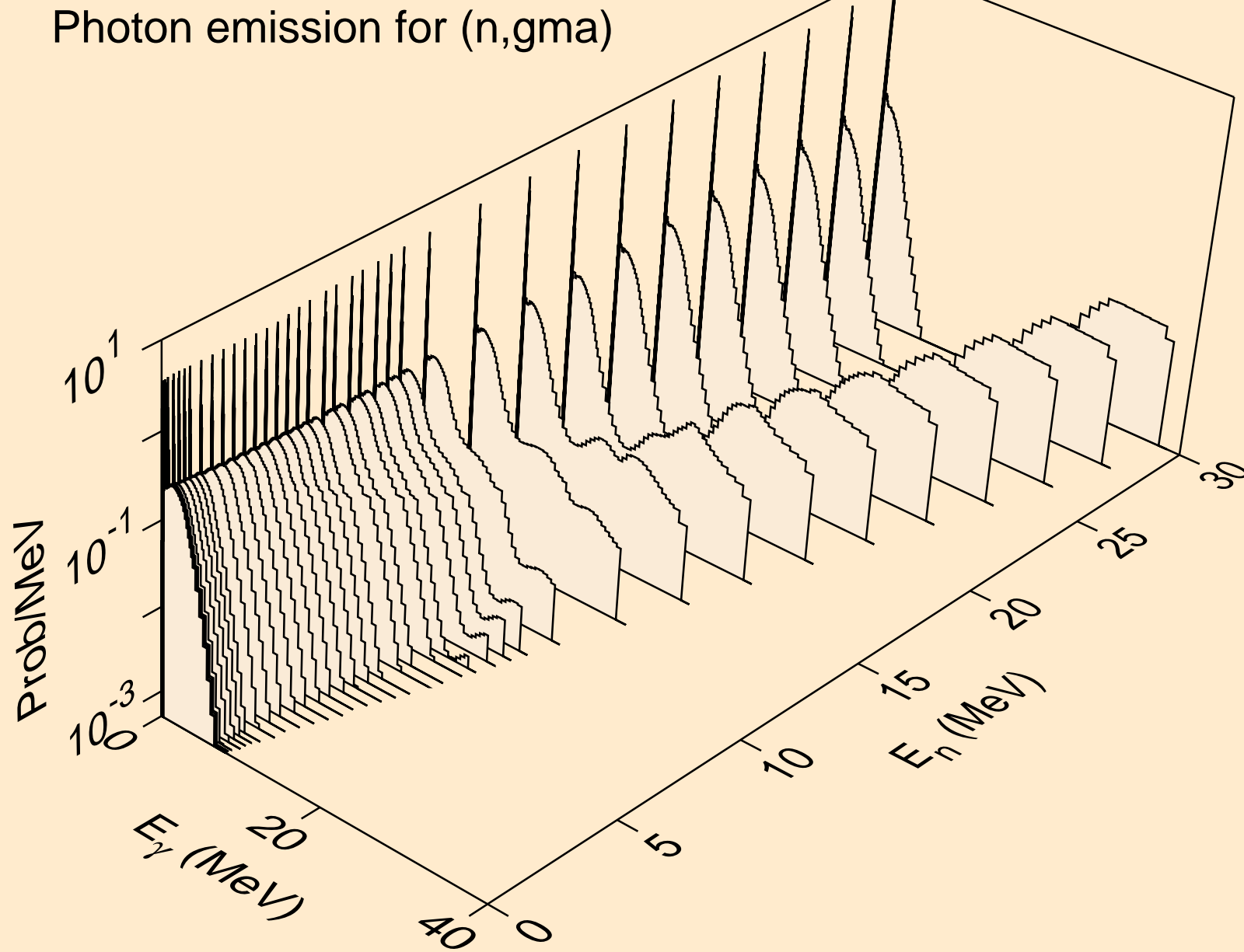
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

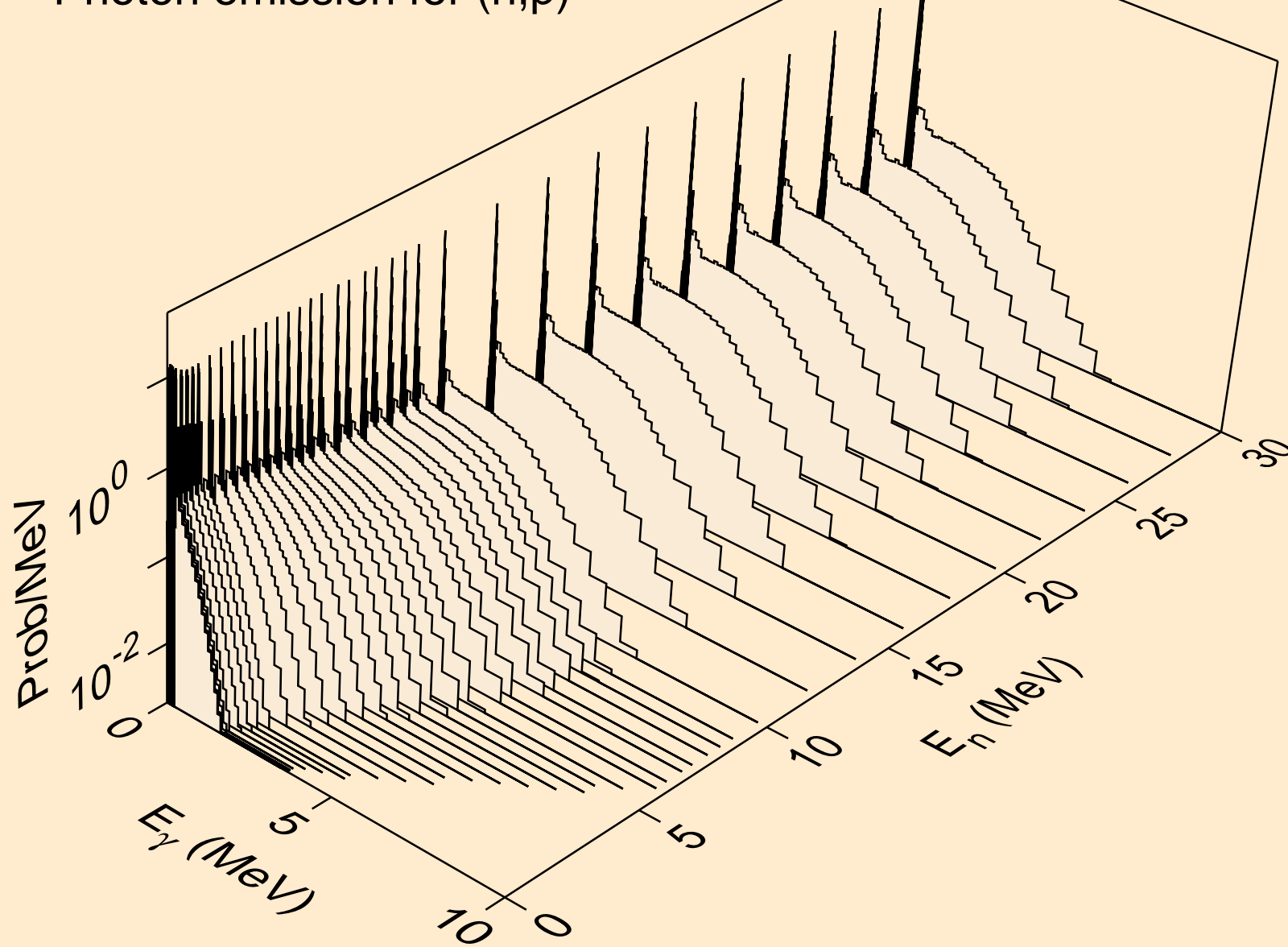


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

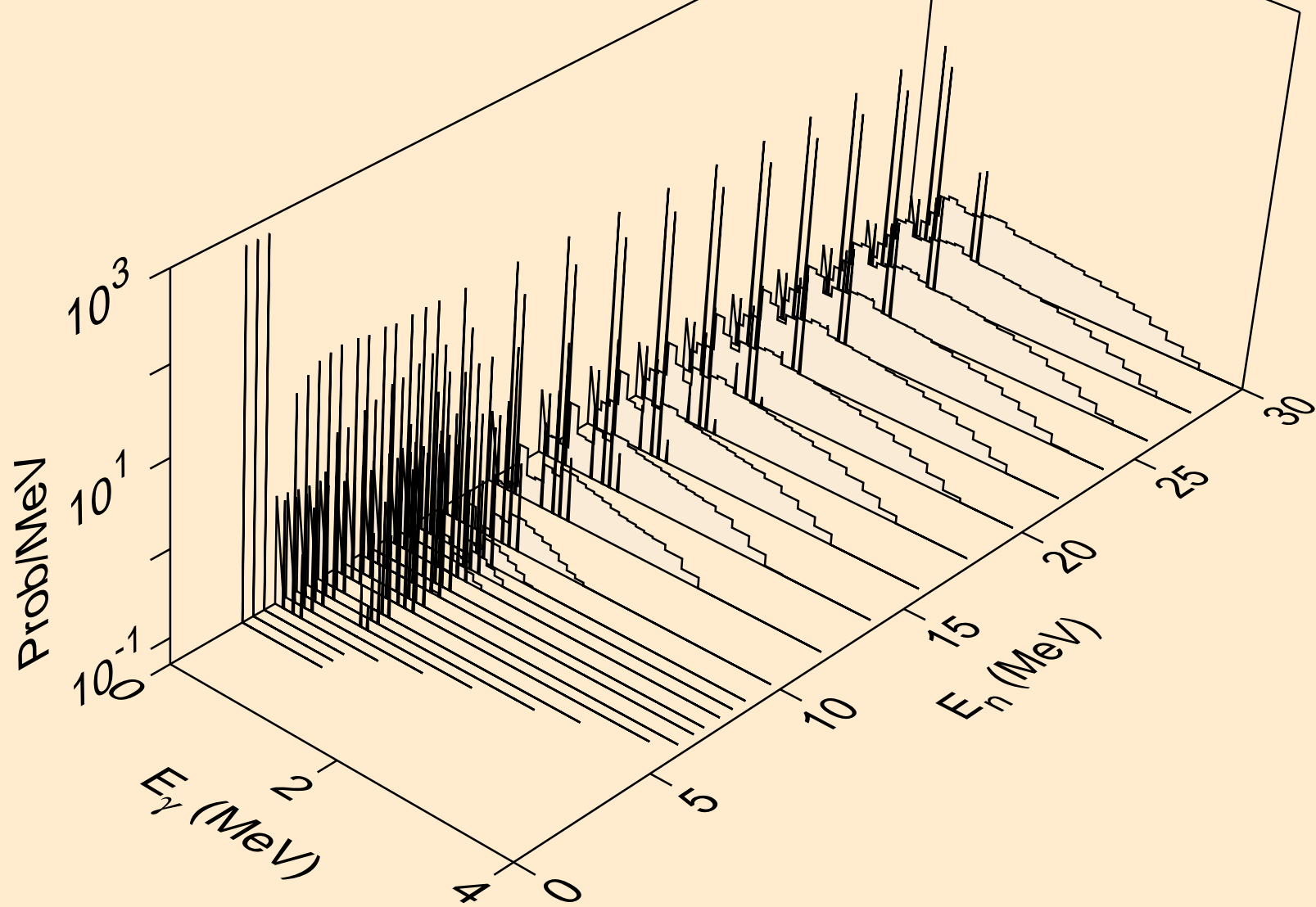




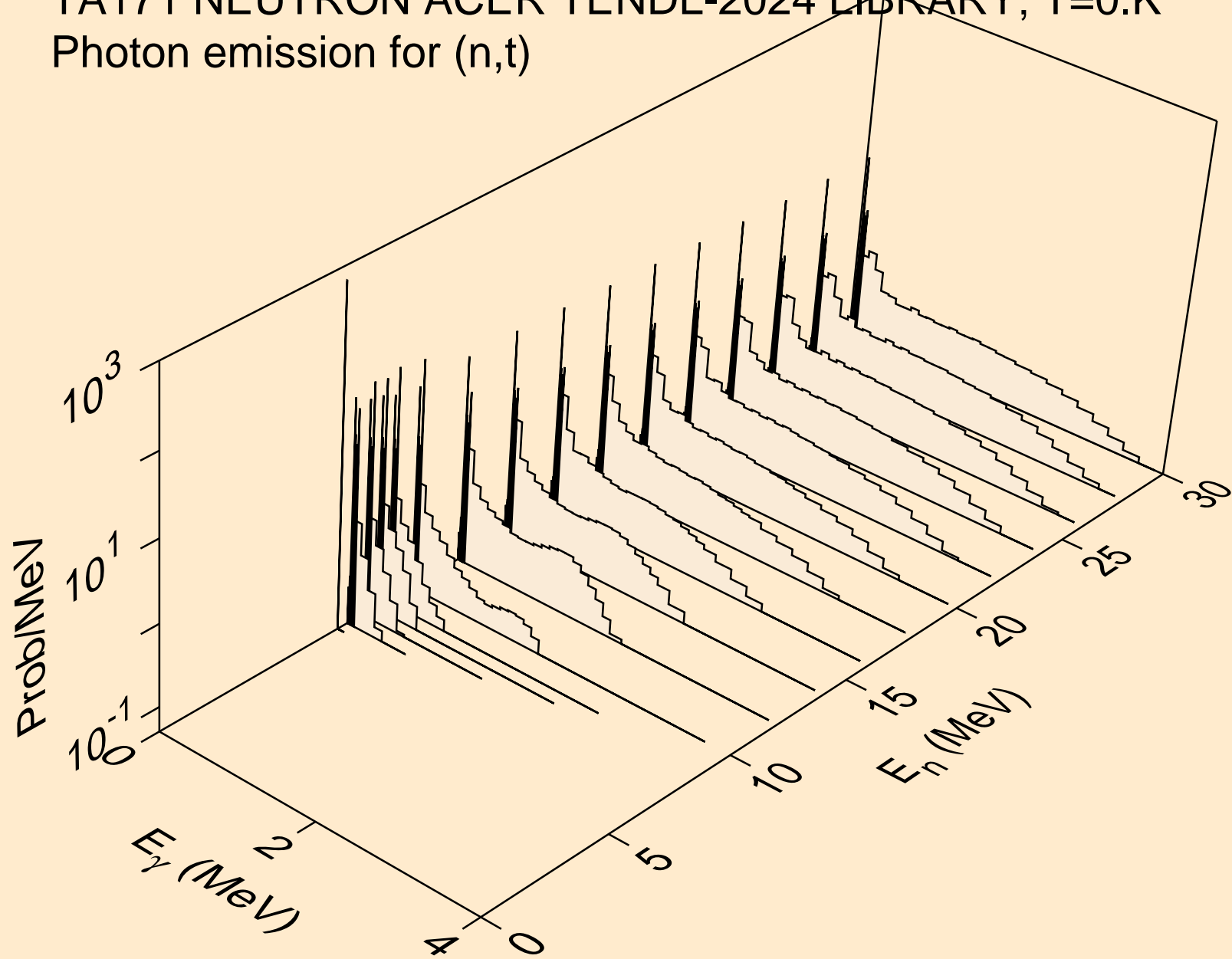
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



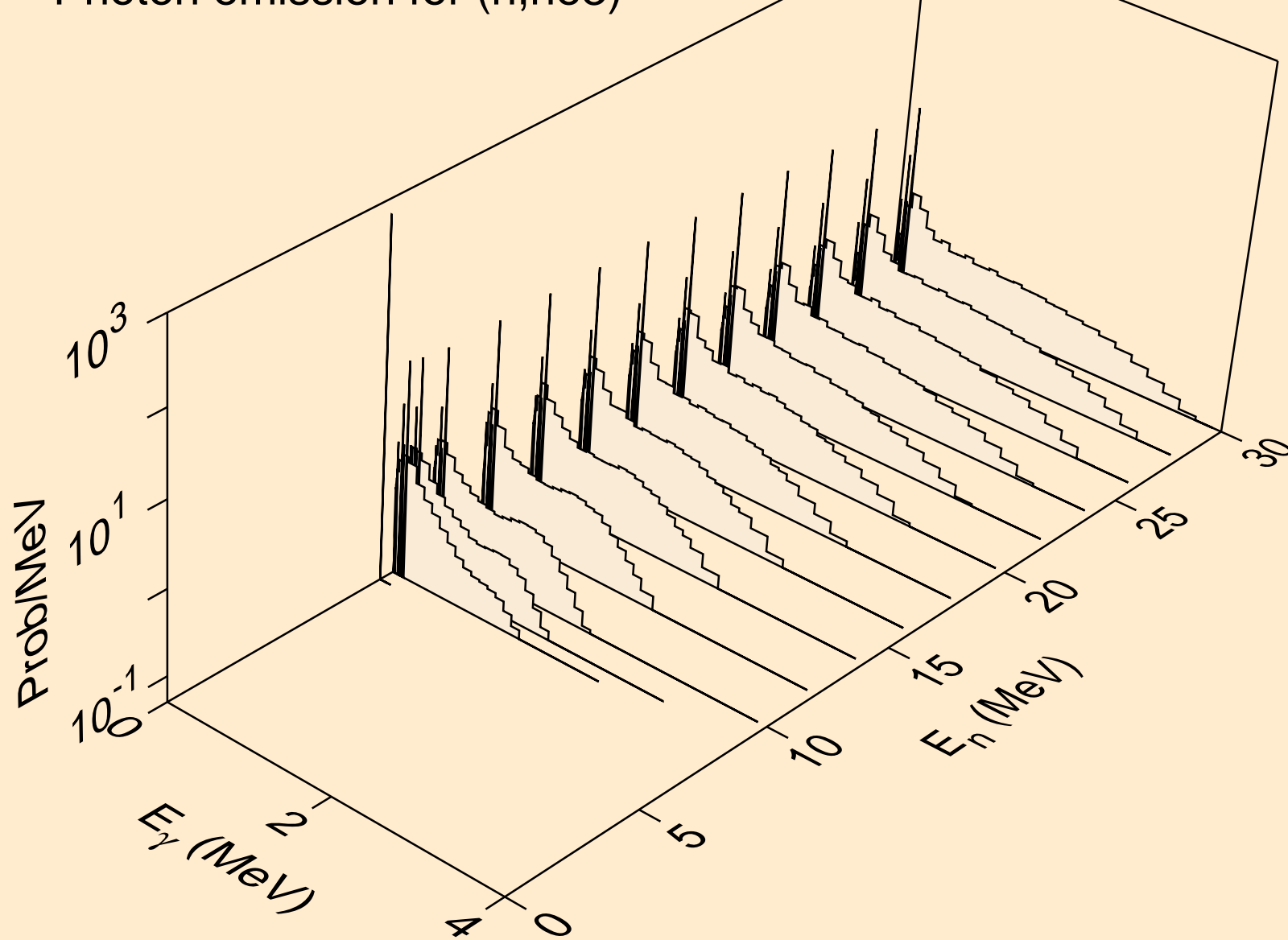
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



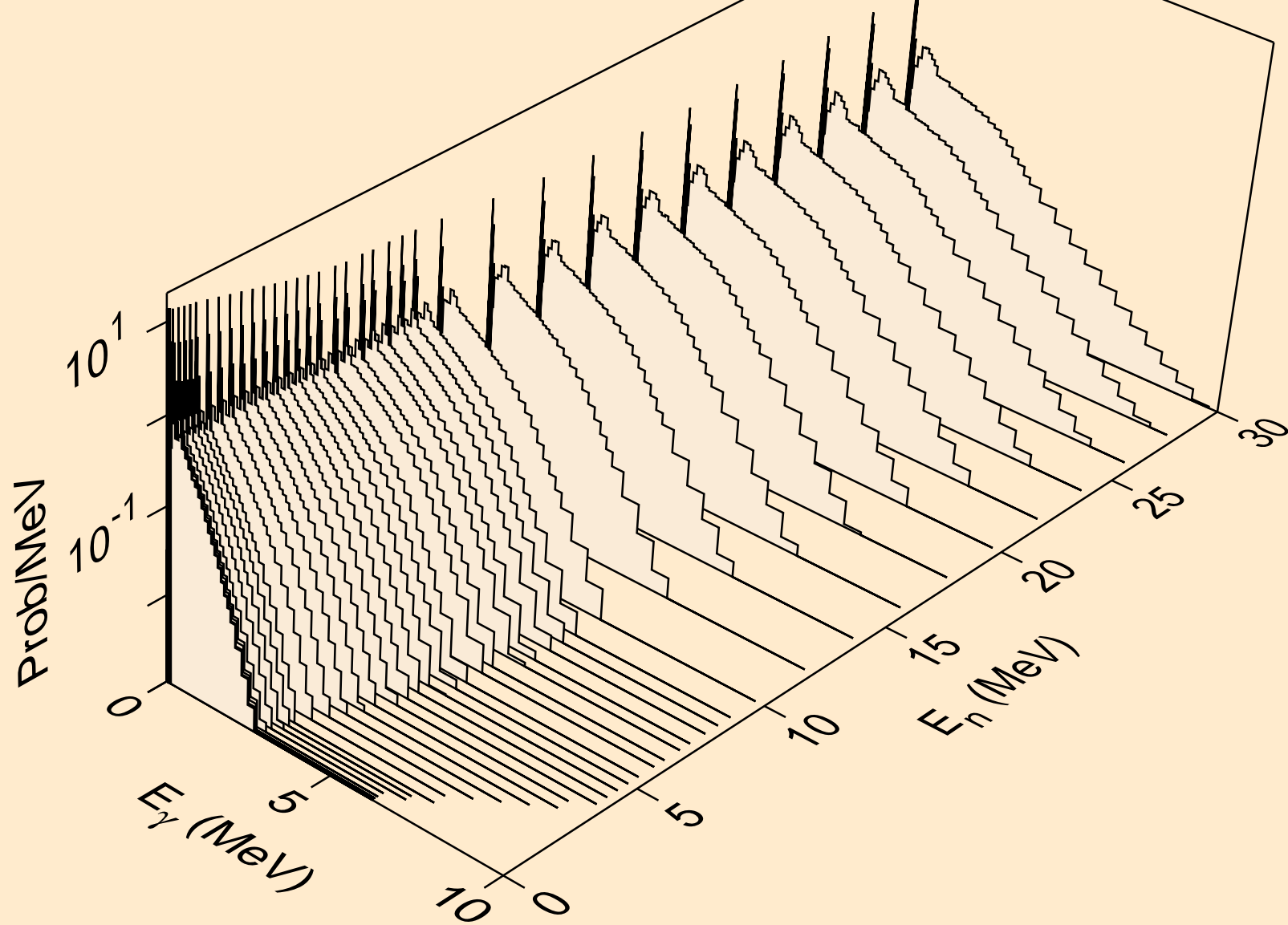
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



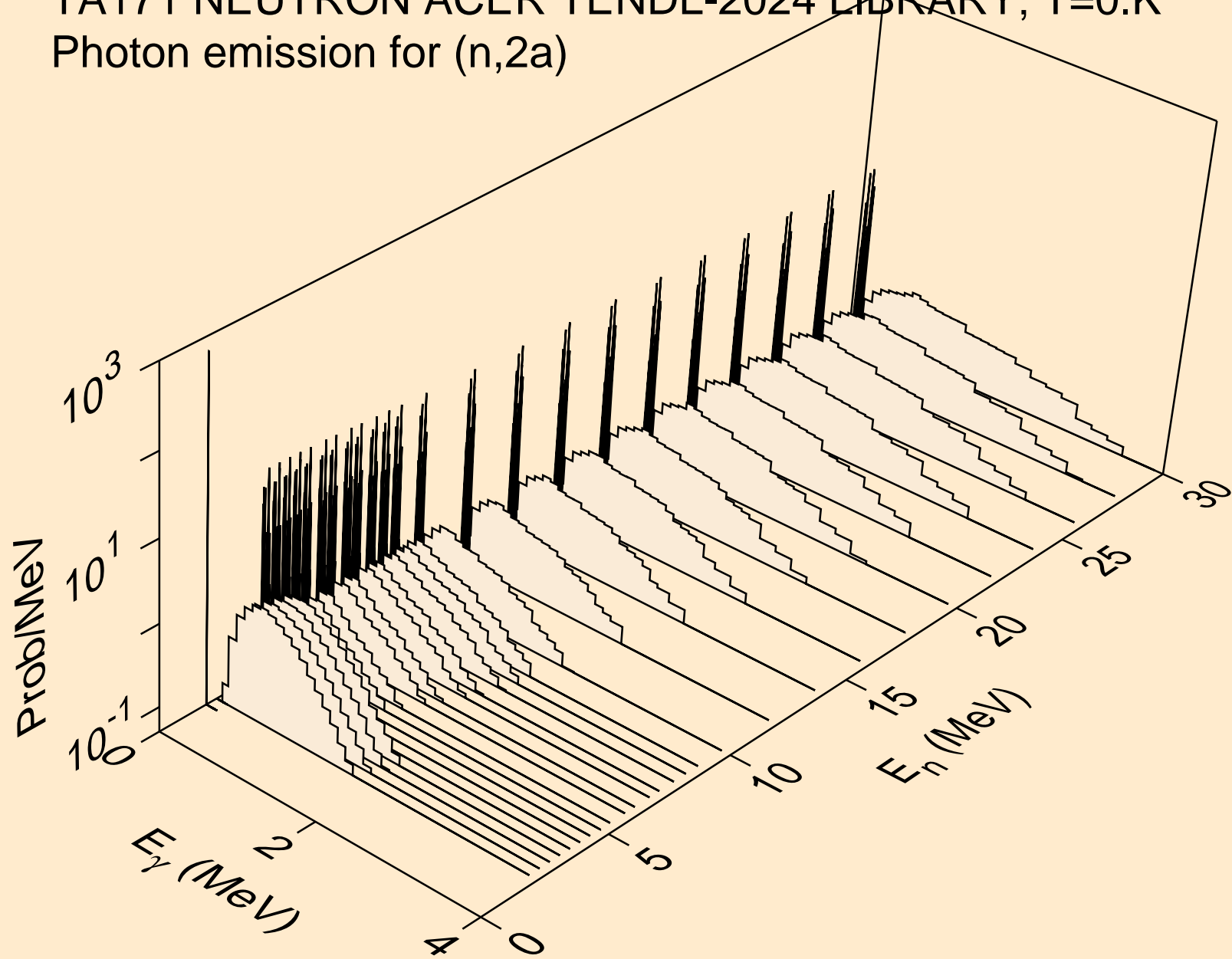
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



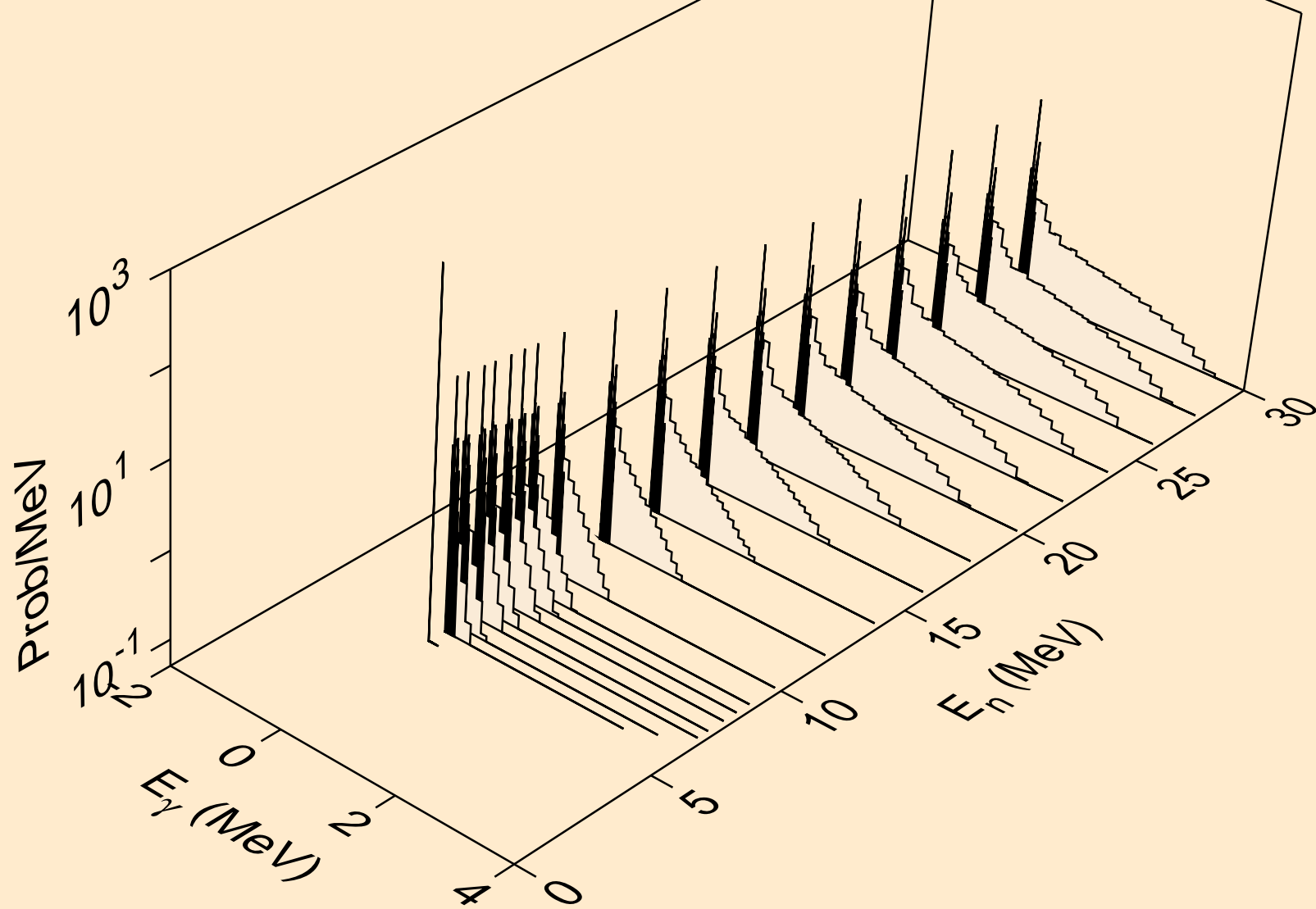
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



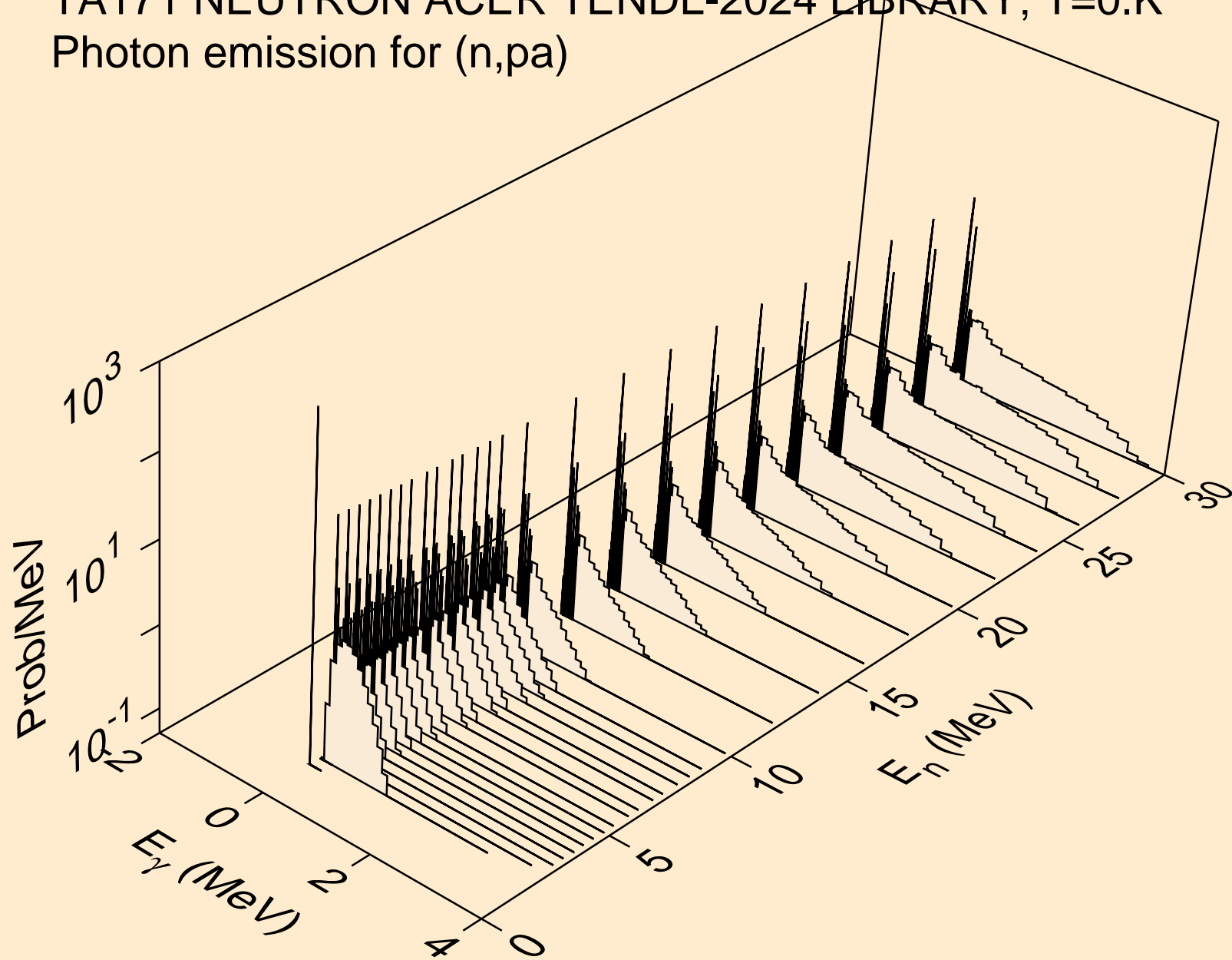
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

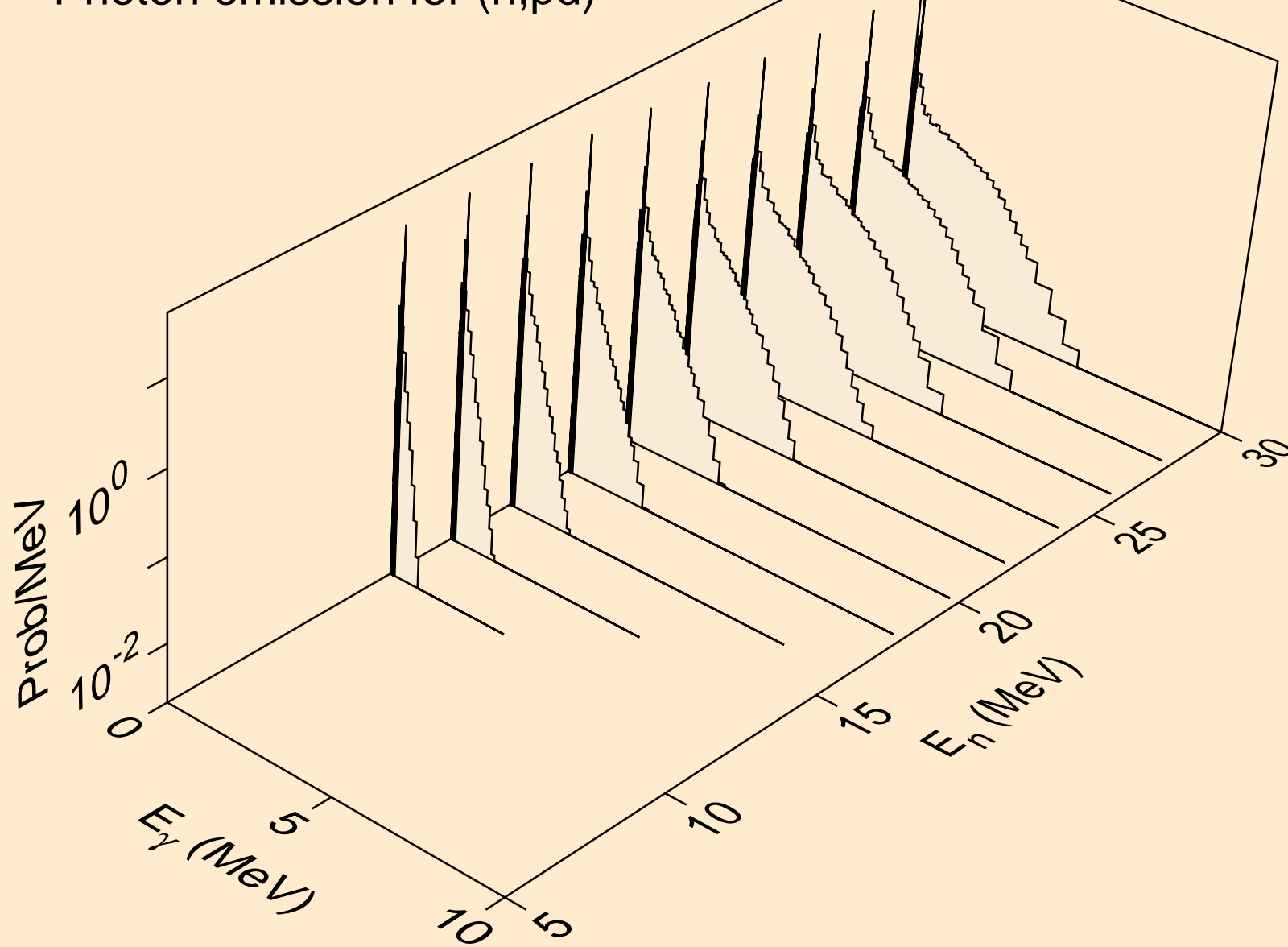


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

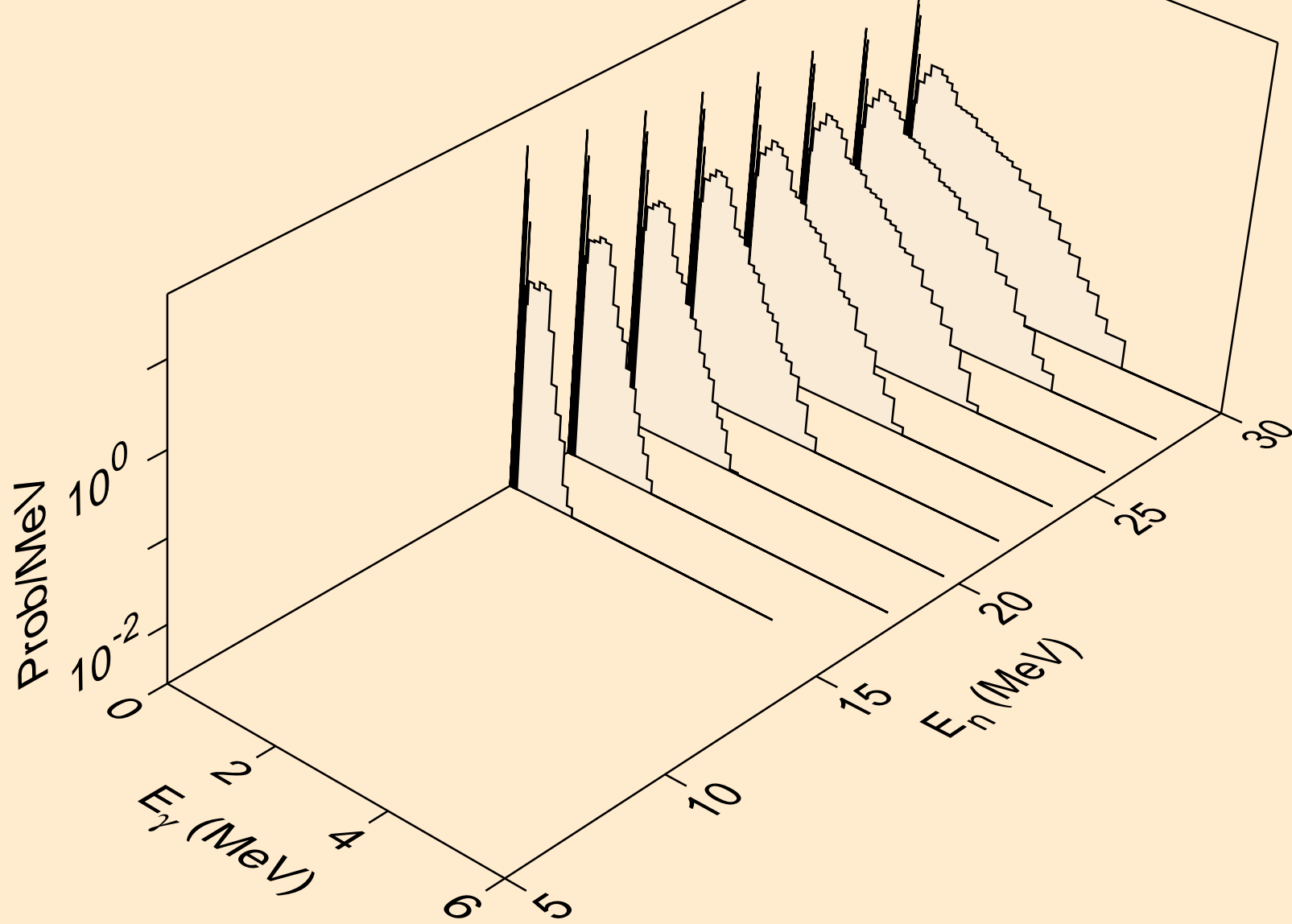




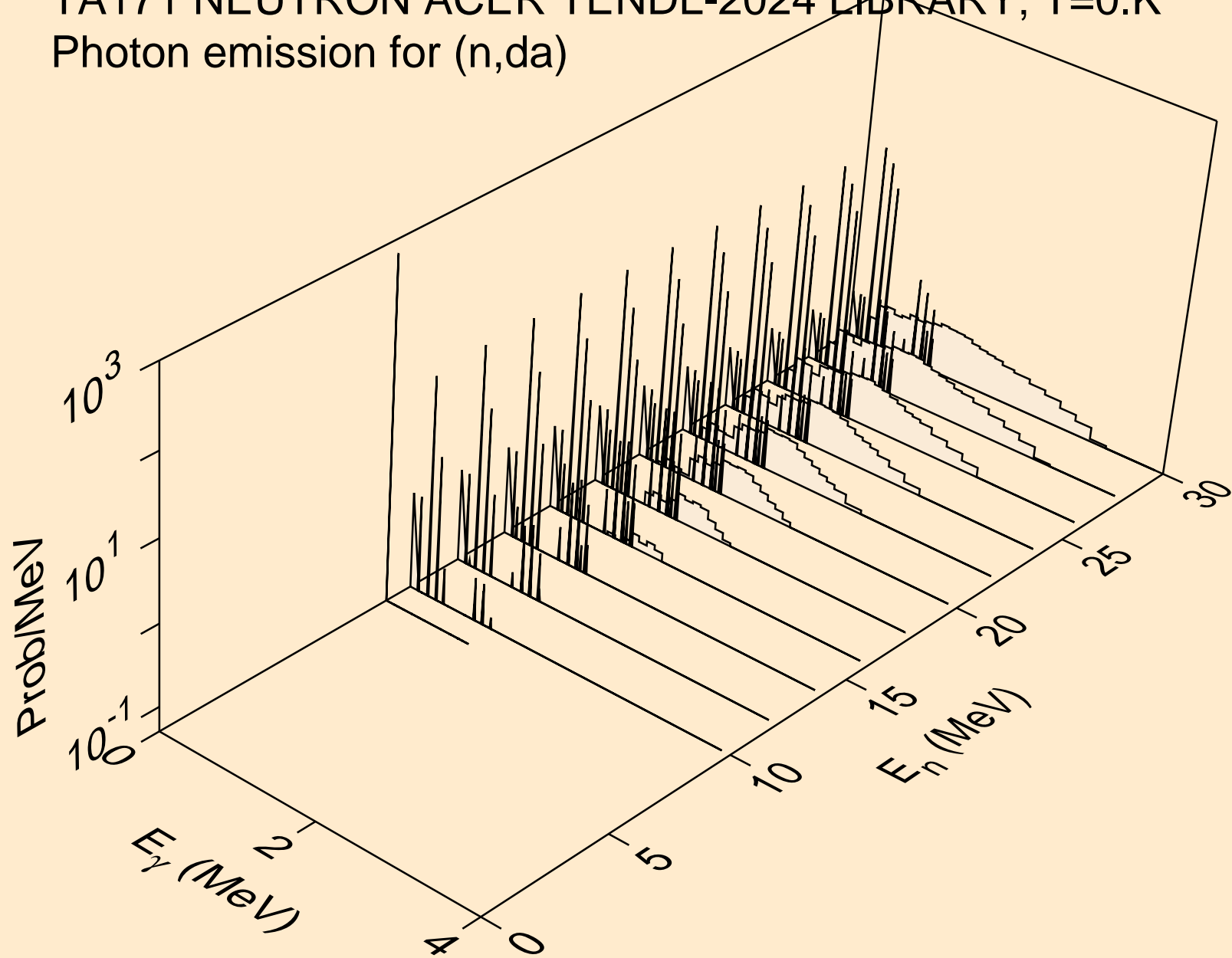
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



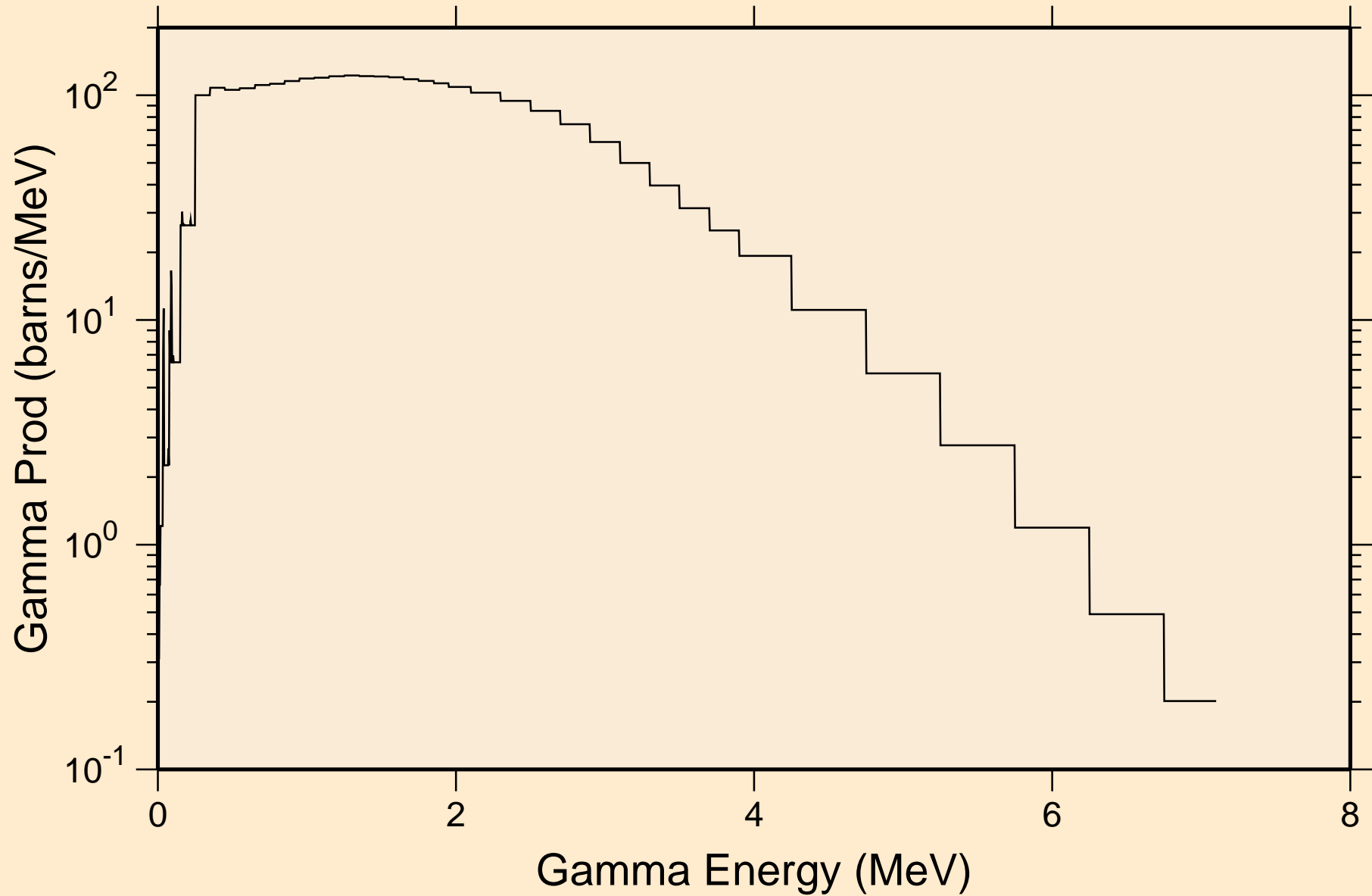
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



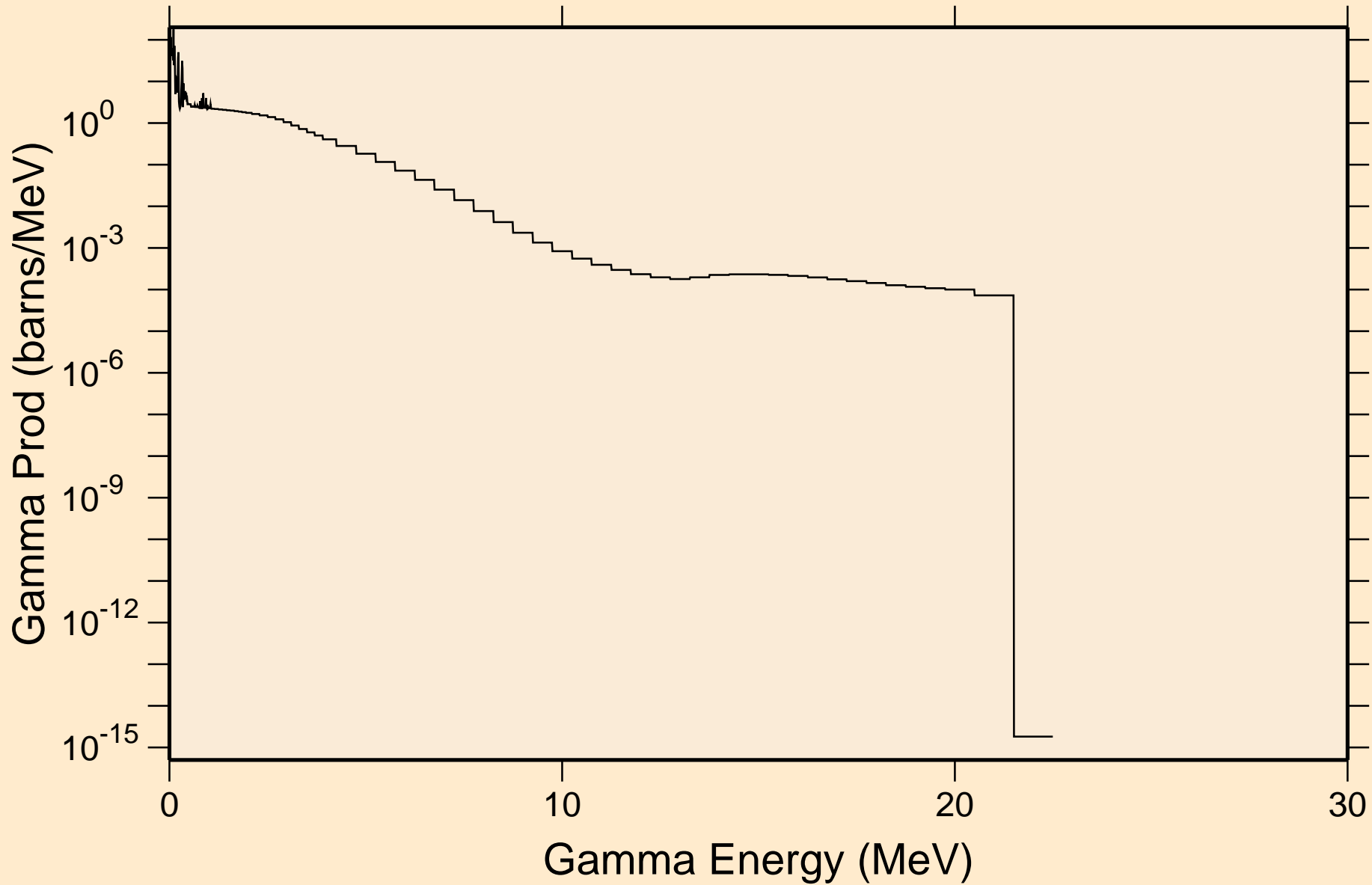
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

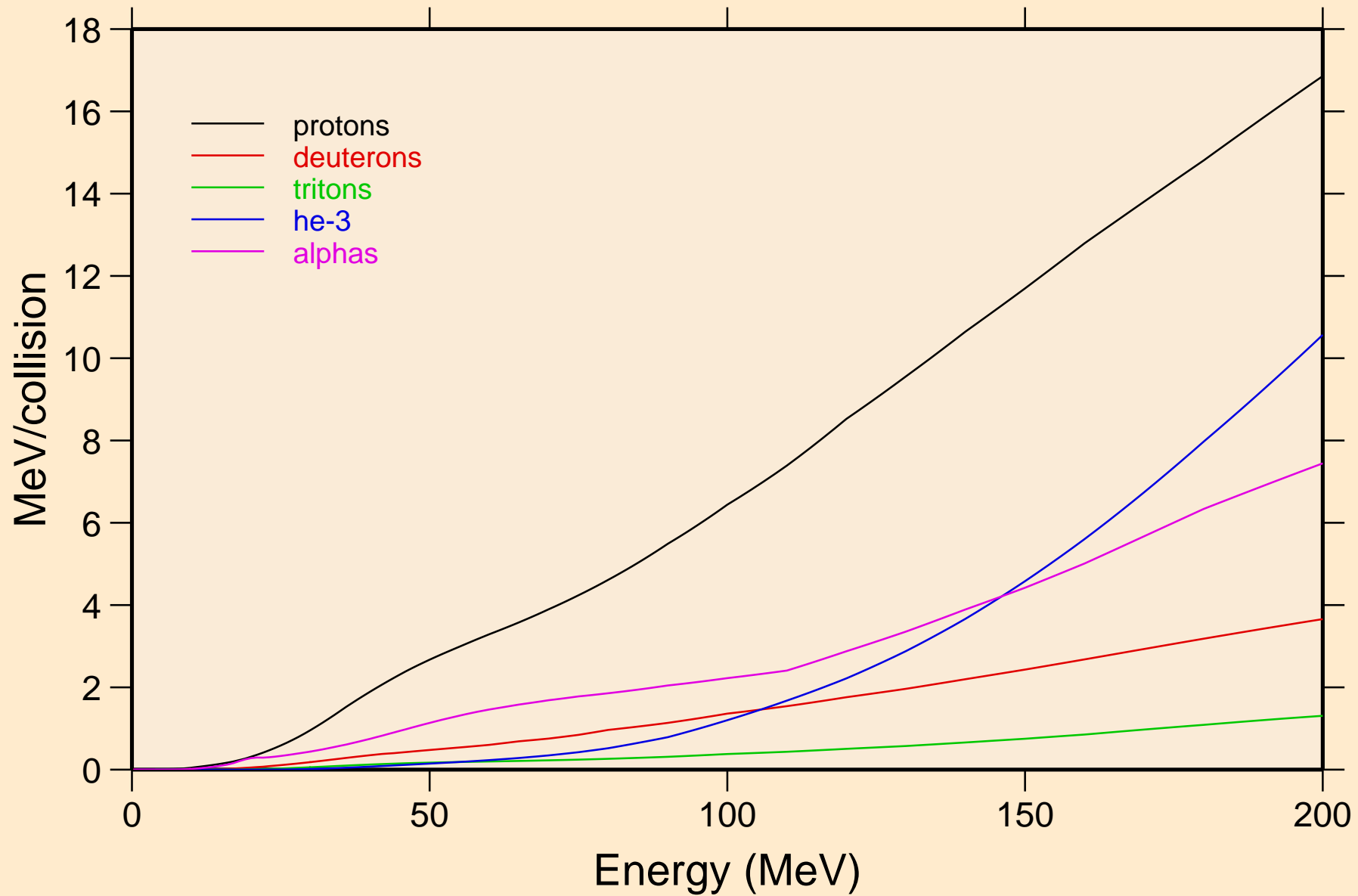


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

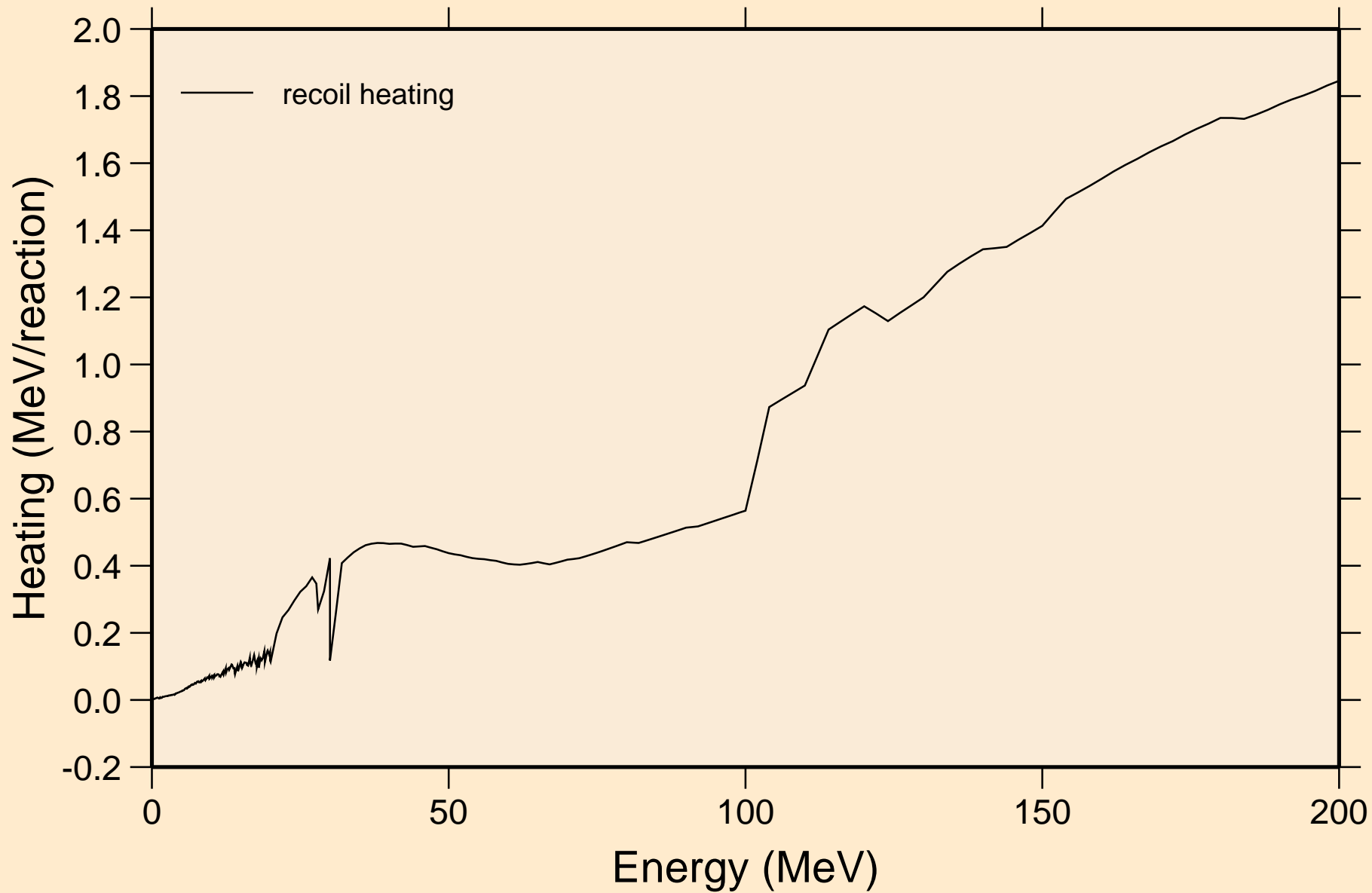


# TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

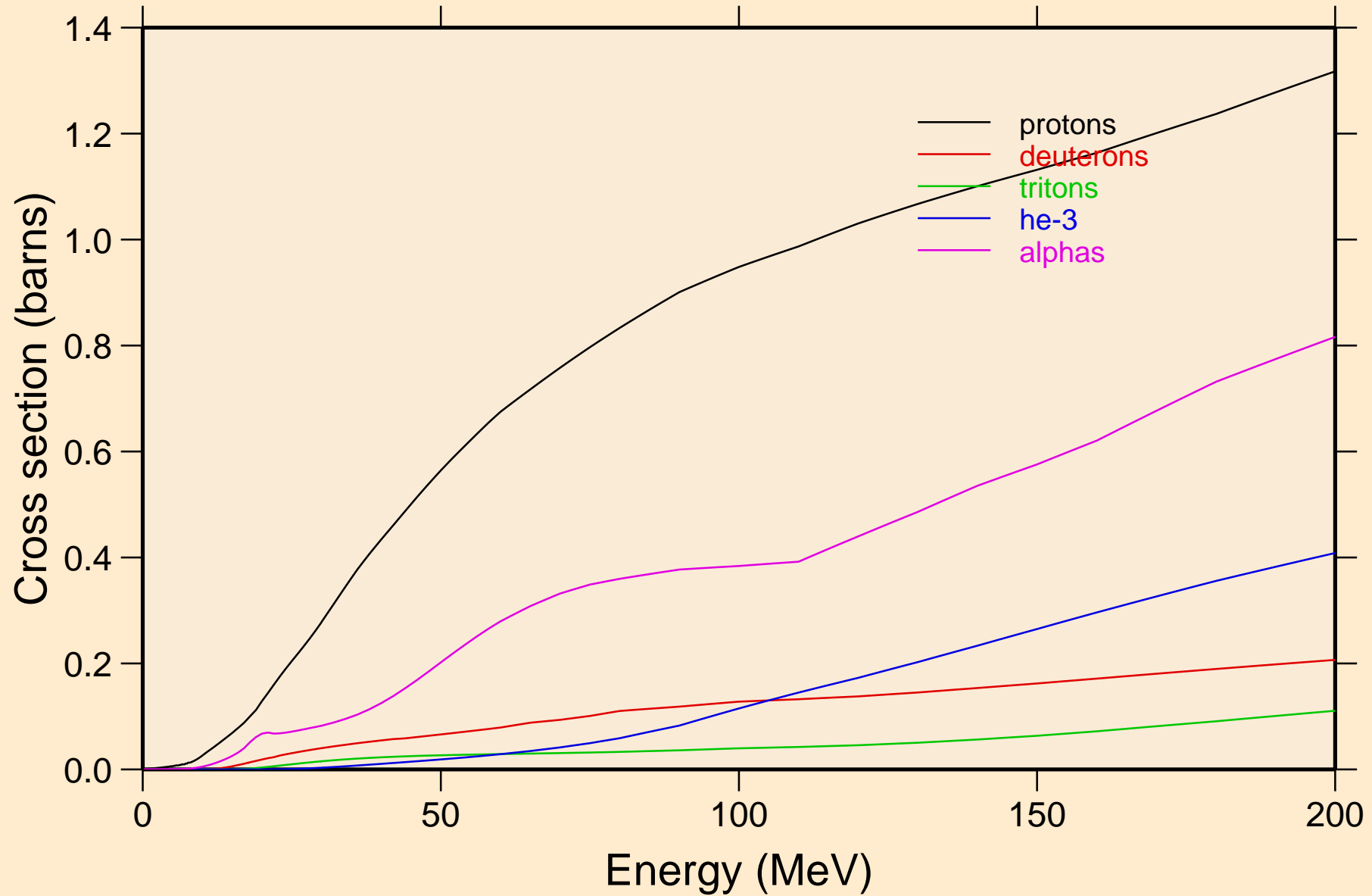
## Particle heating contributions



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

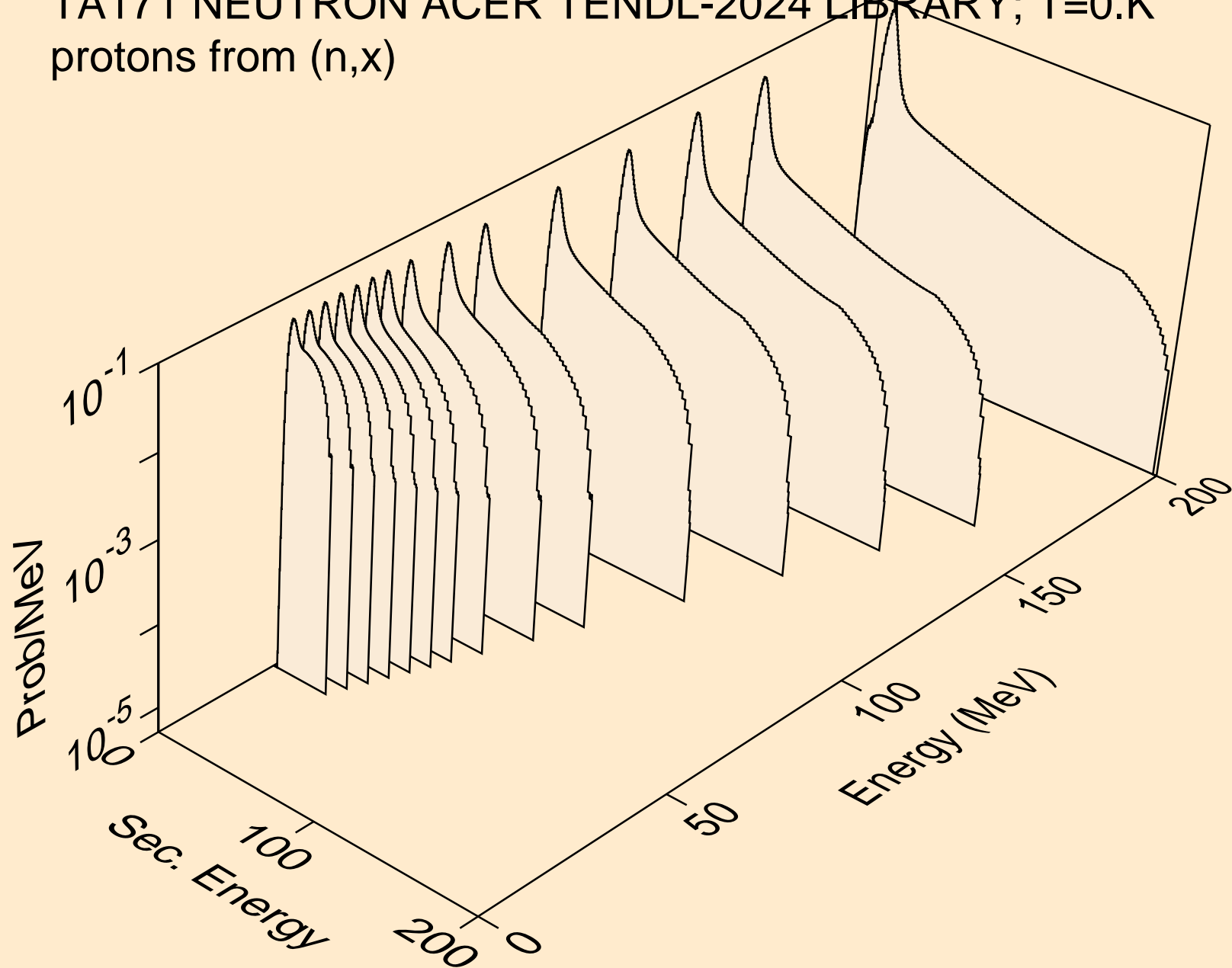


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

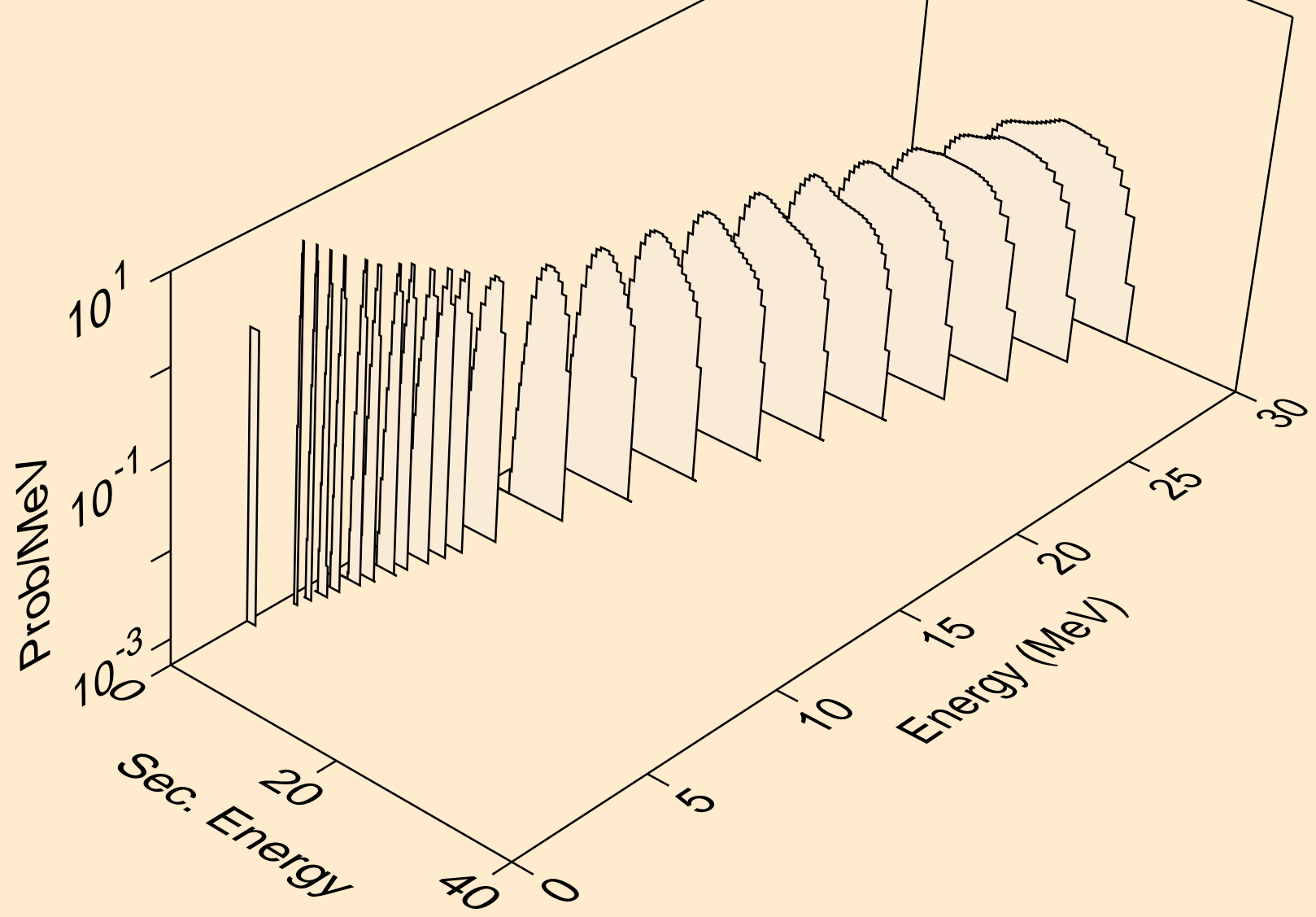




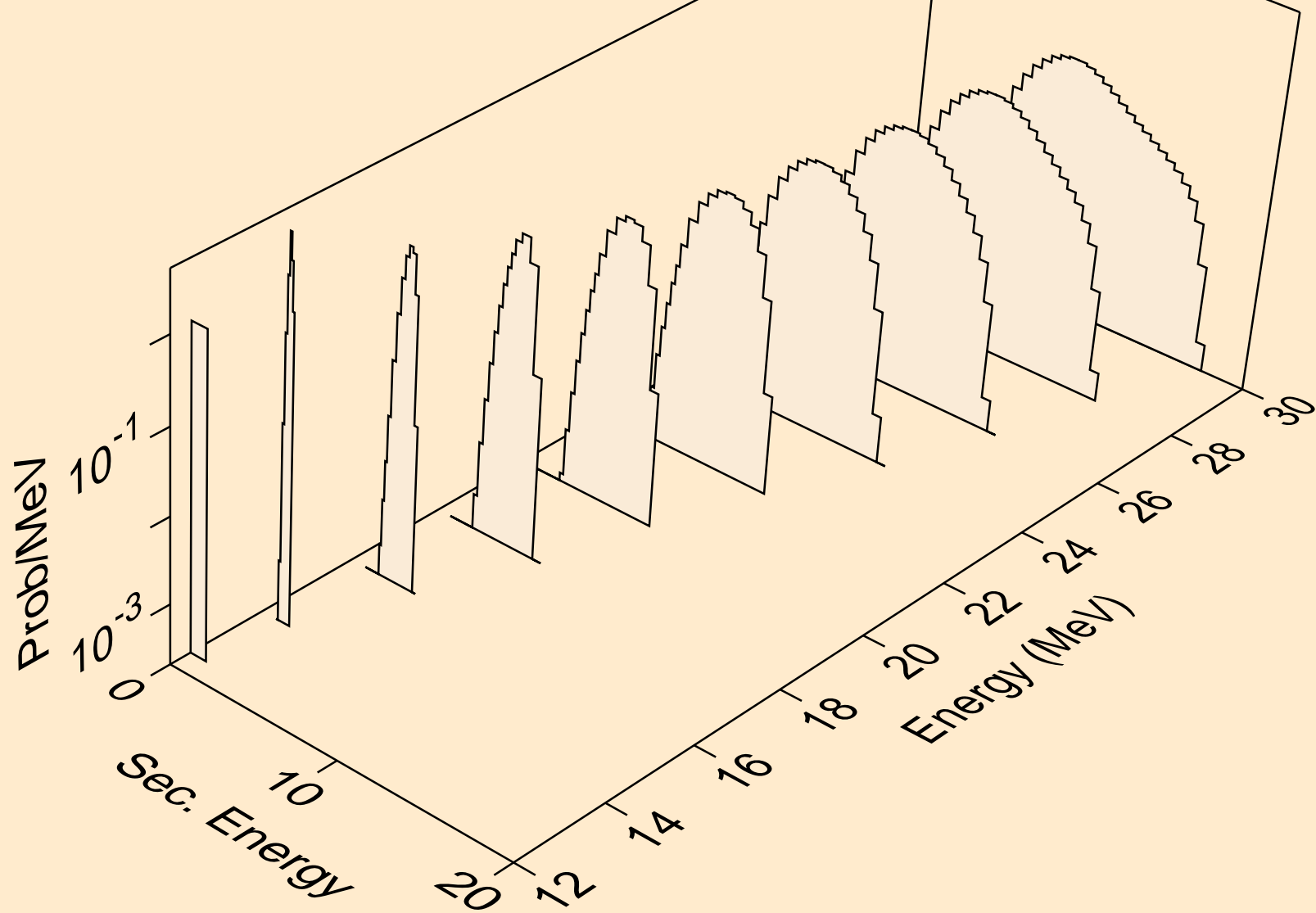
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



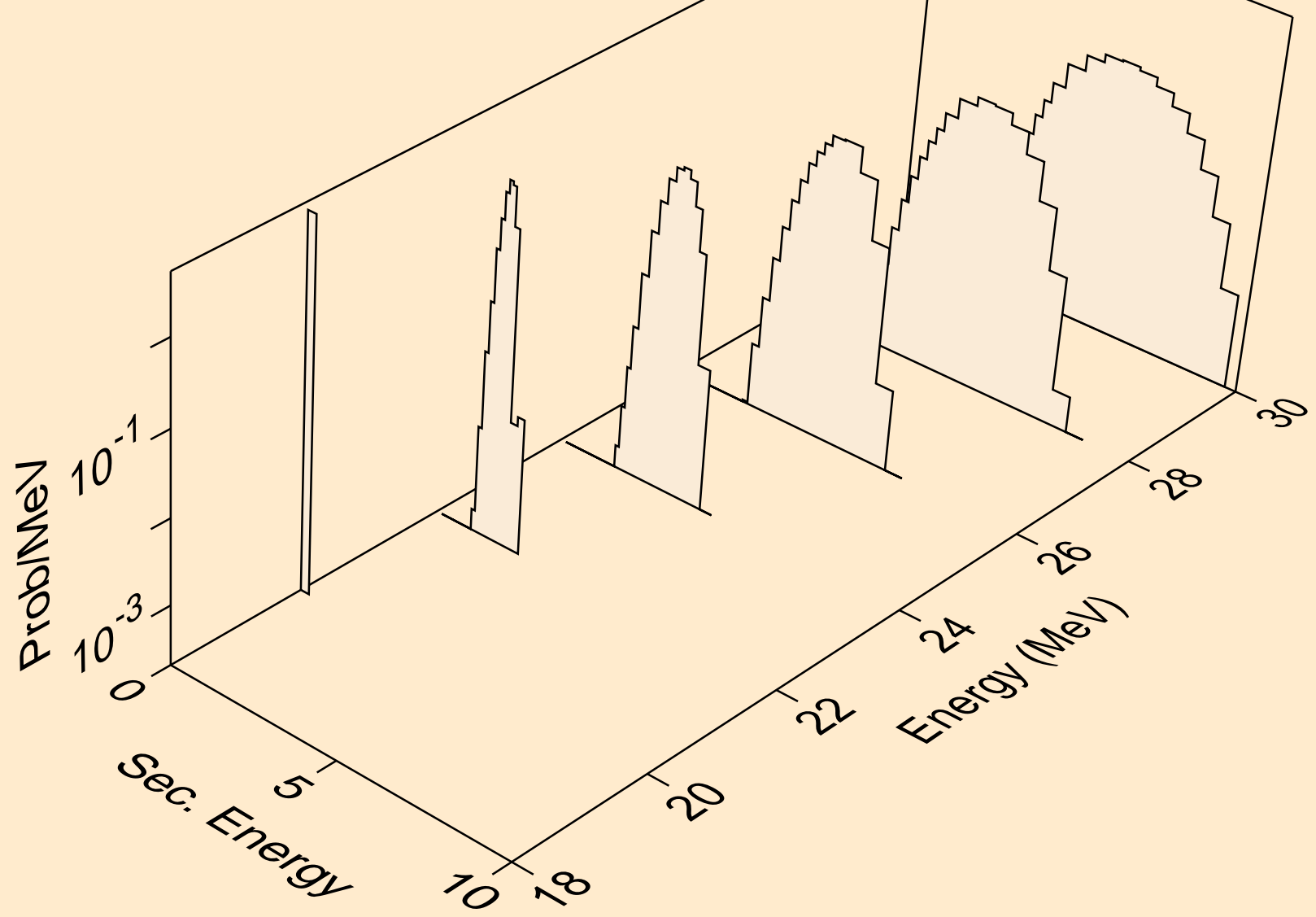
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



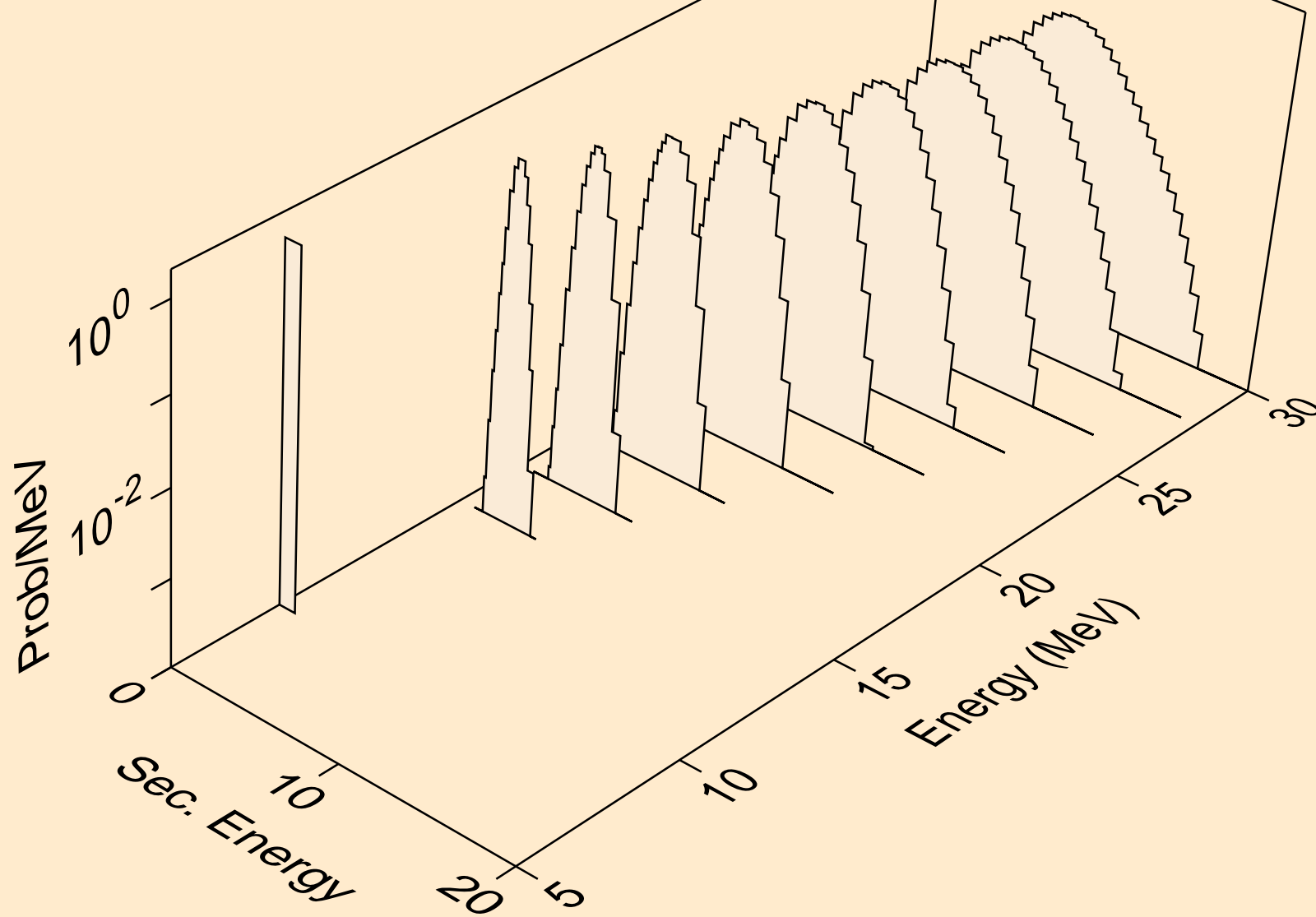
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



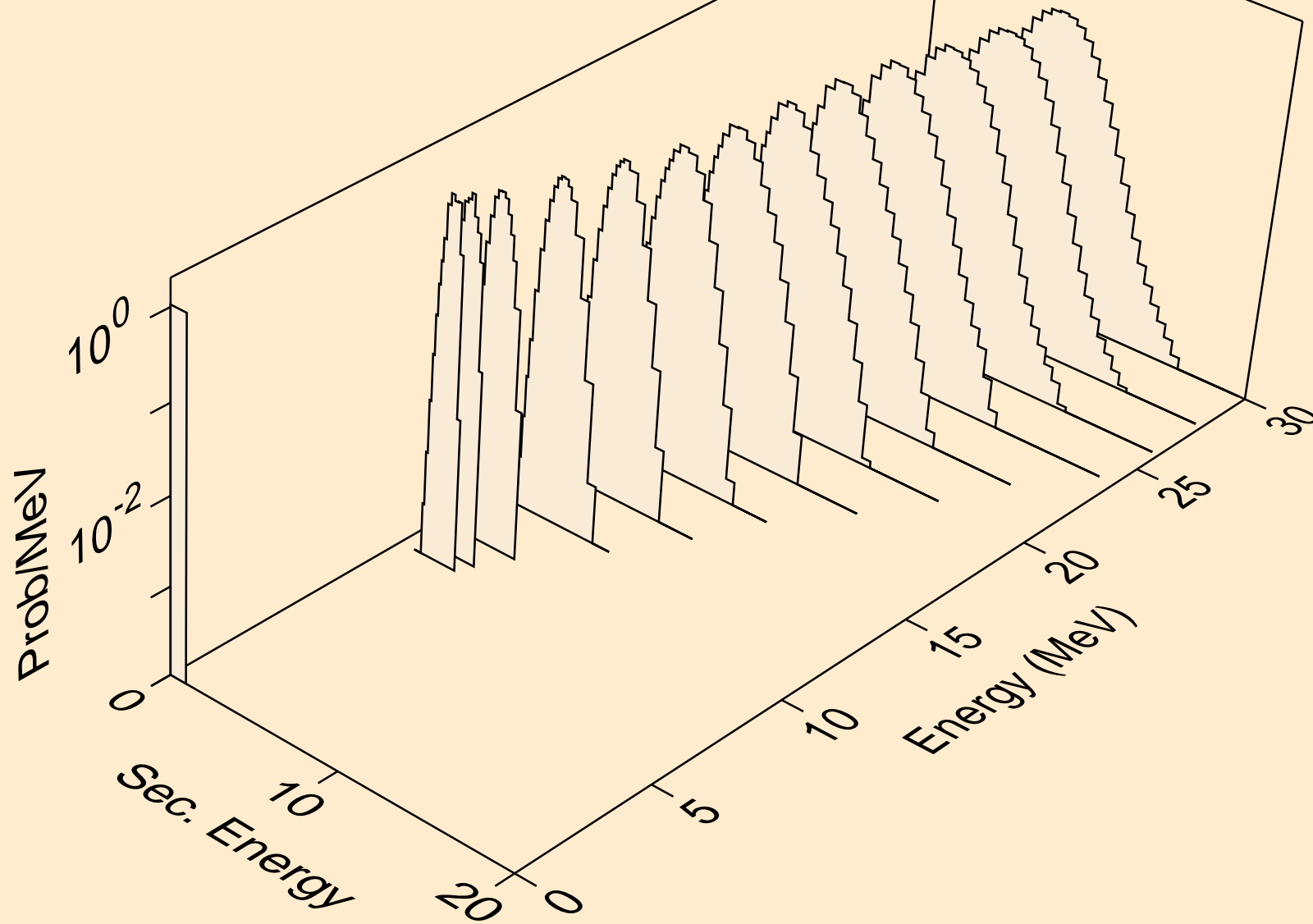
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



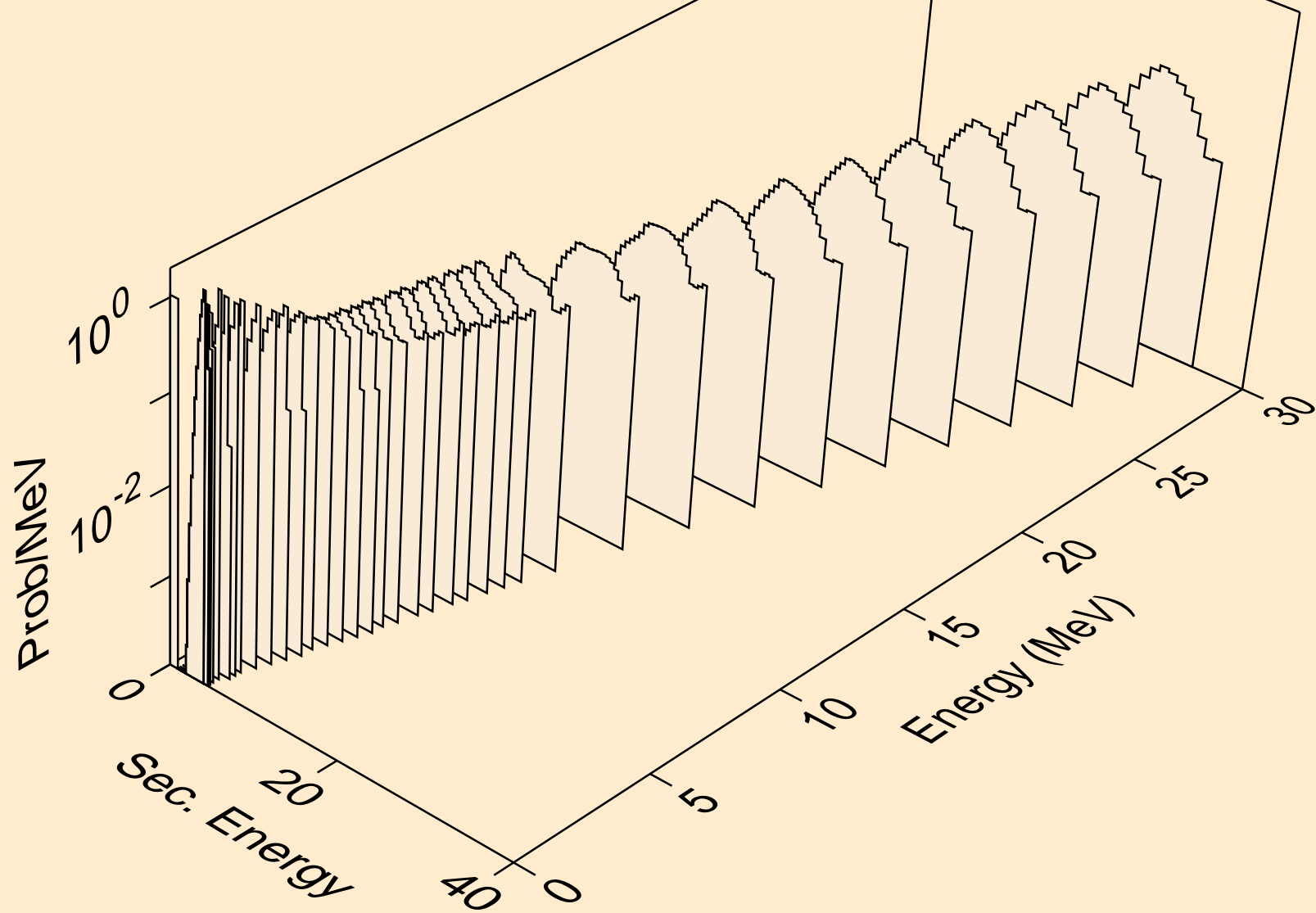
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



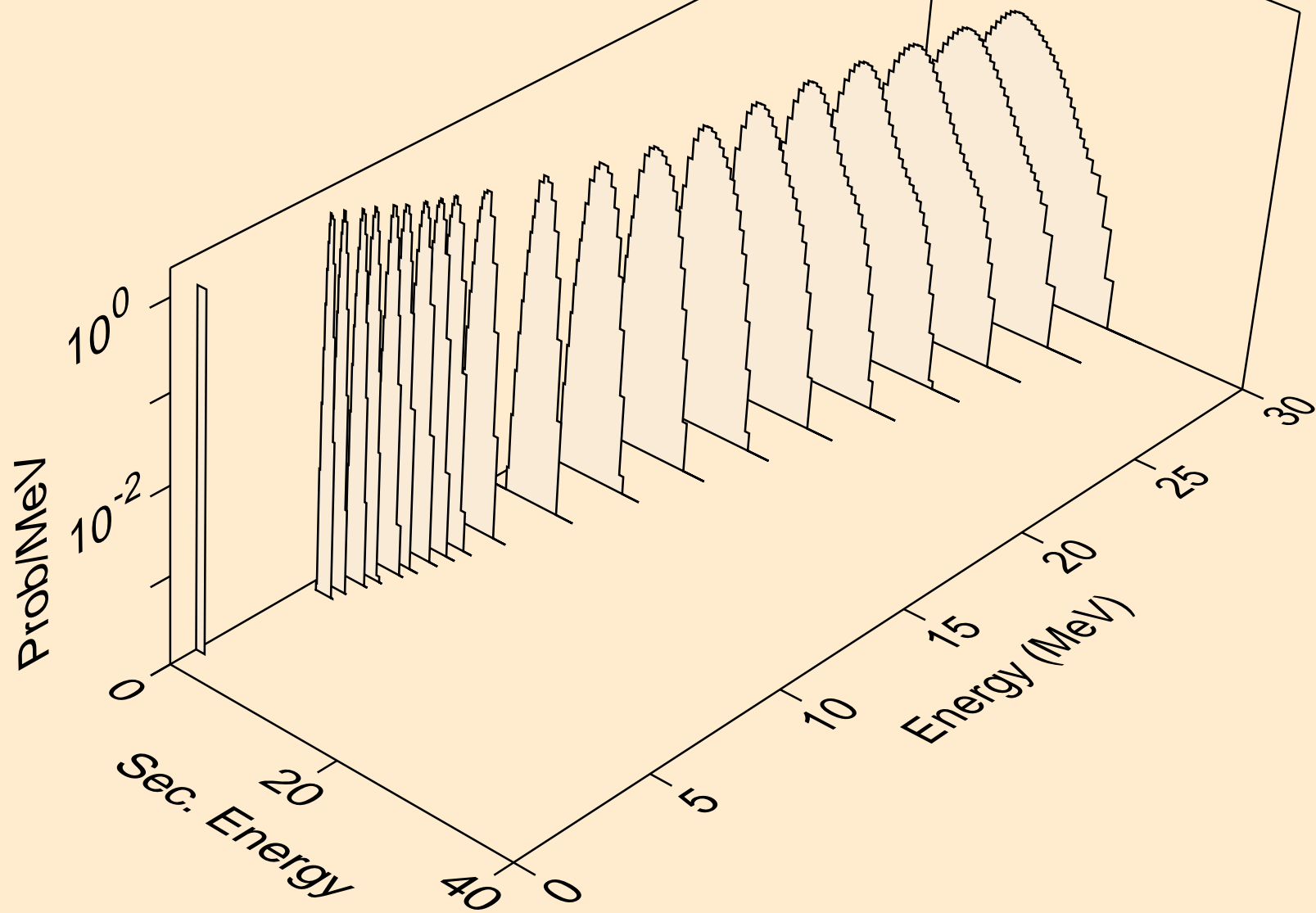
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

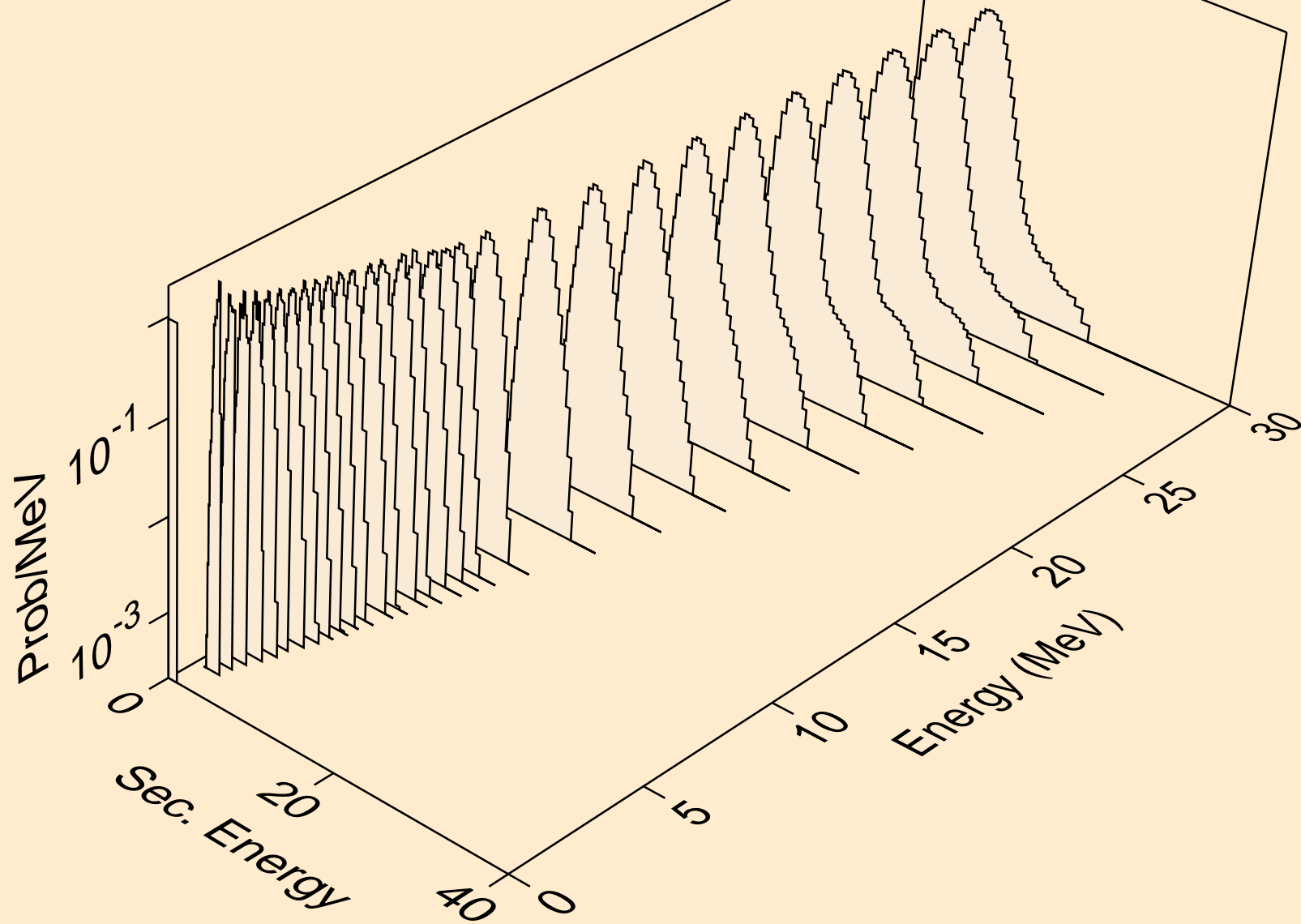


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

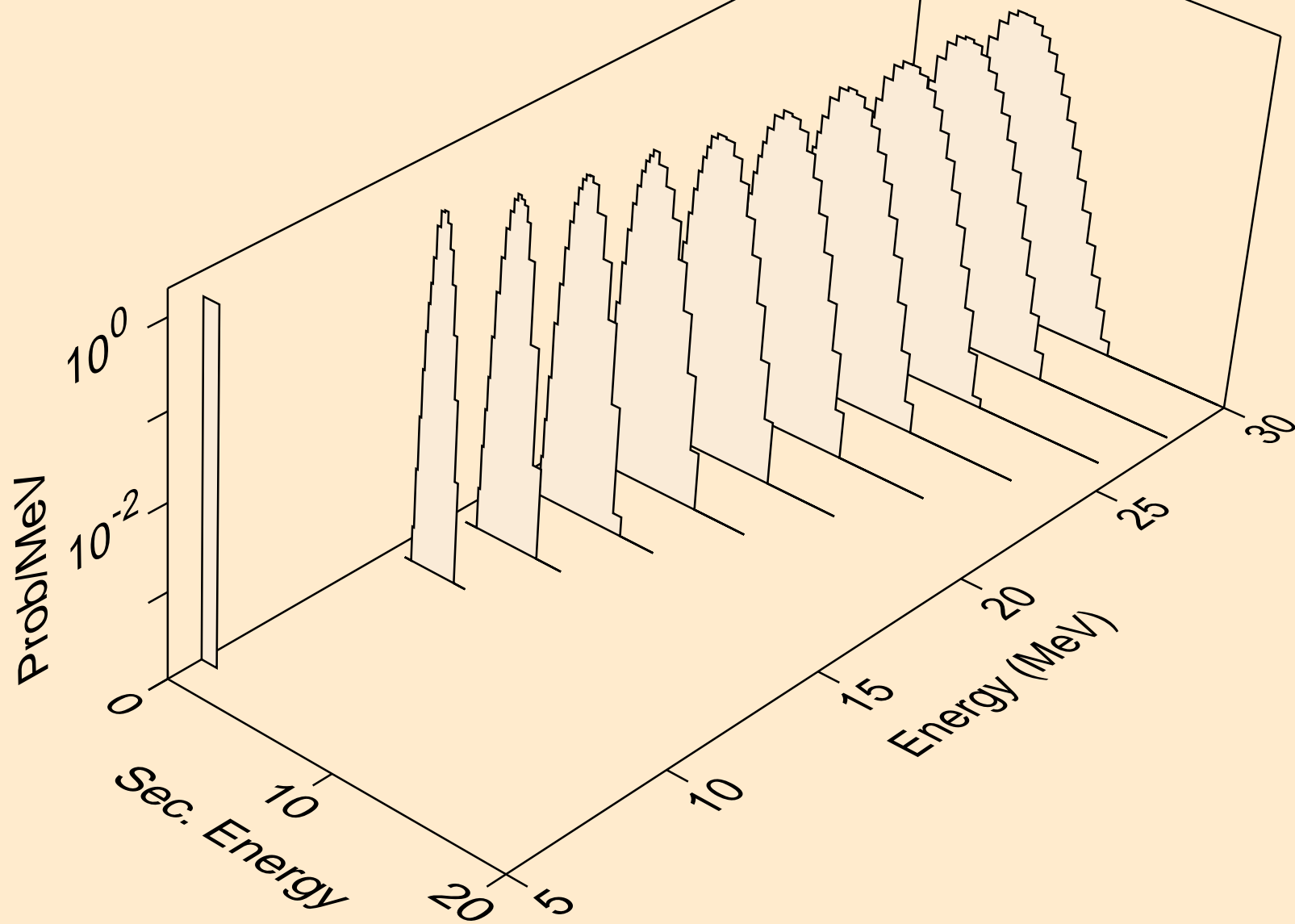




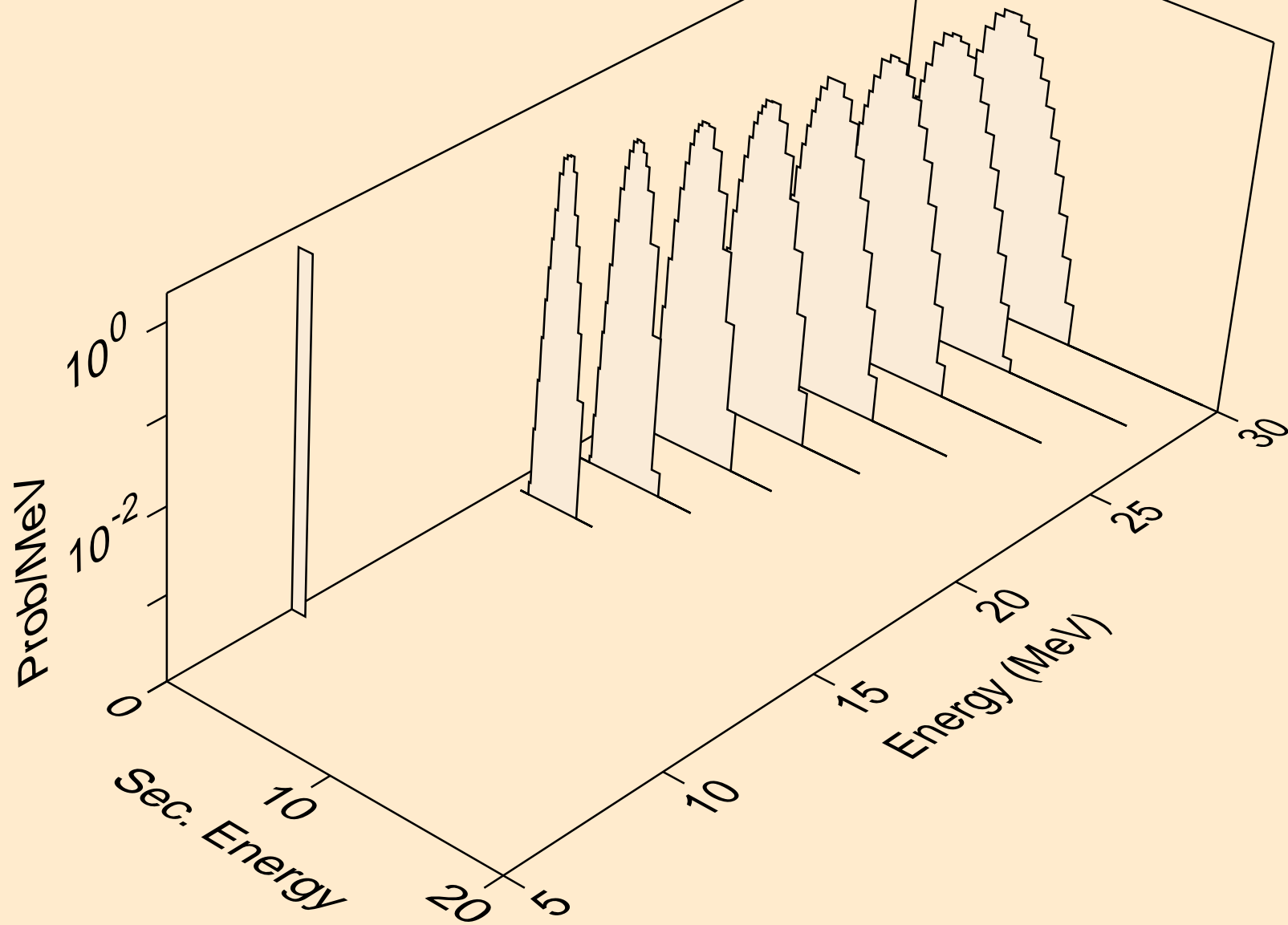
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protons from (n,p)



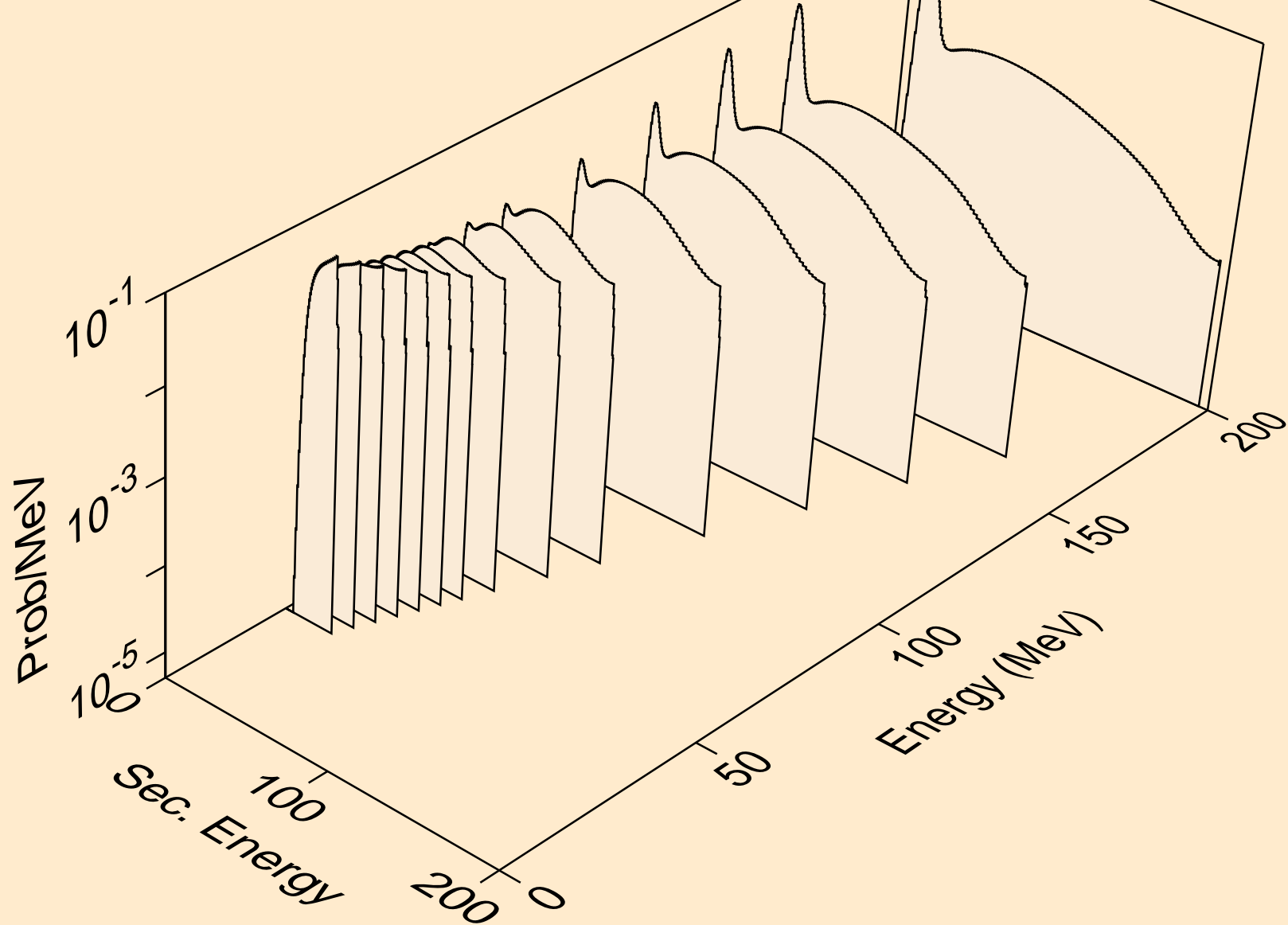
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



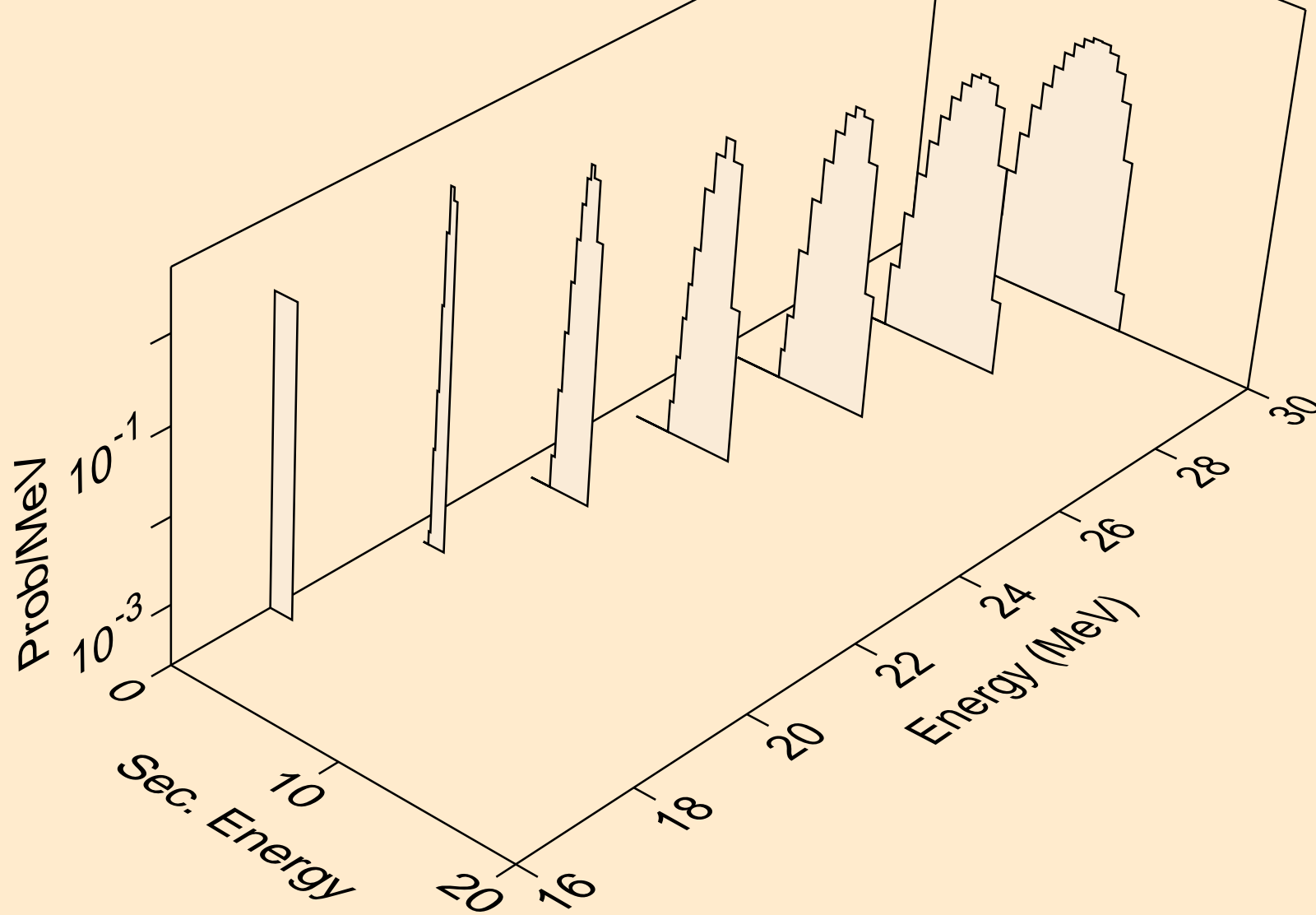
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



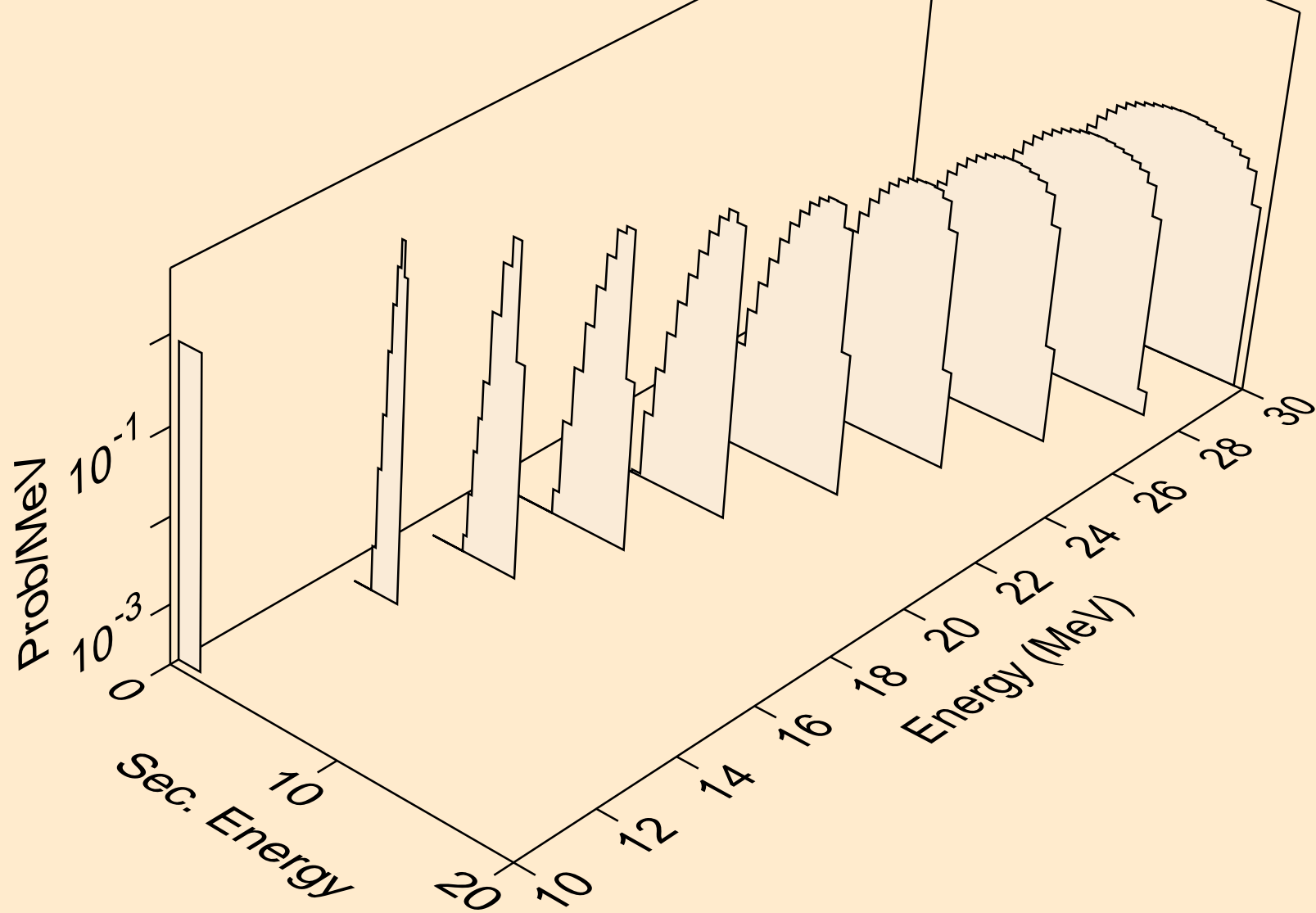
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



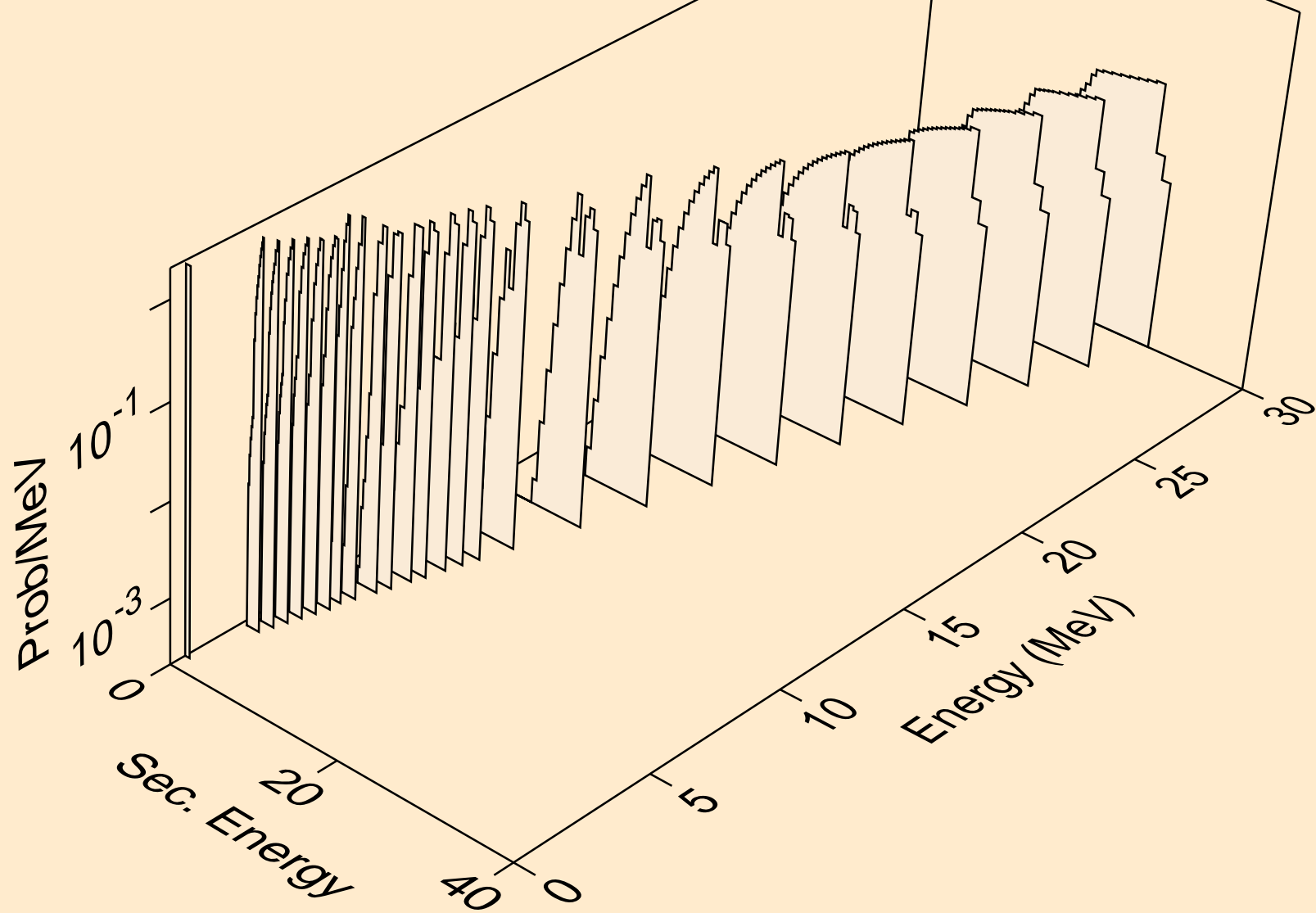
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deuterons from (n,2nd)



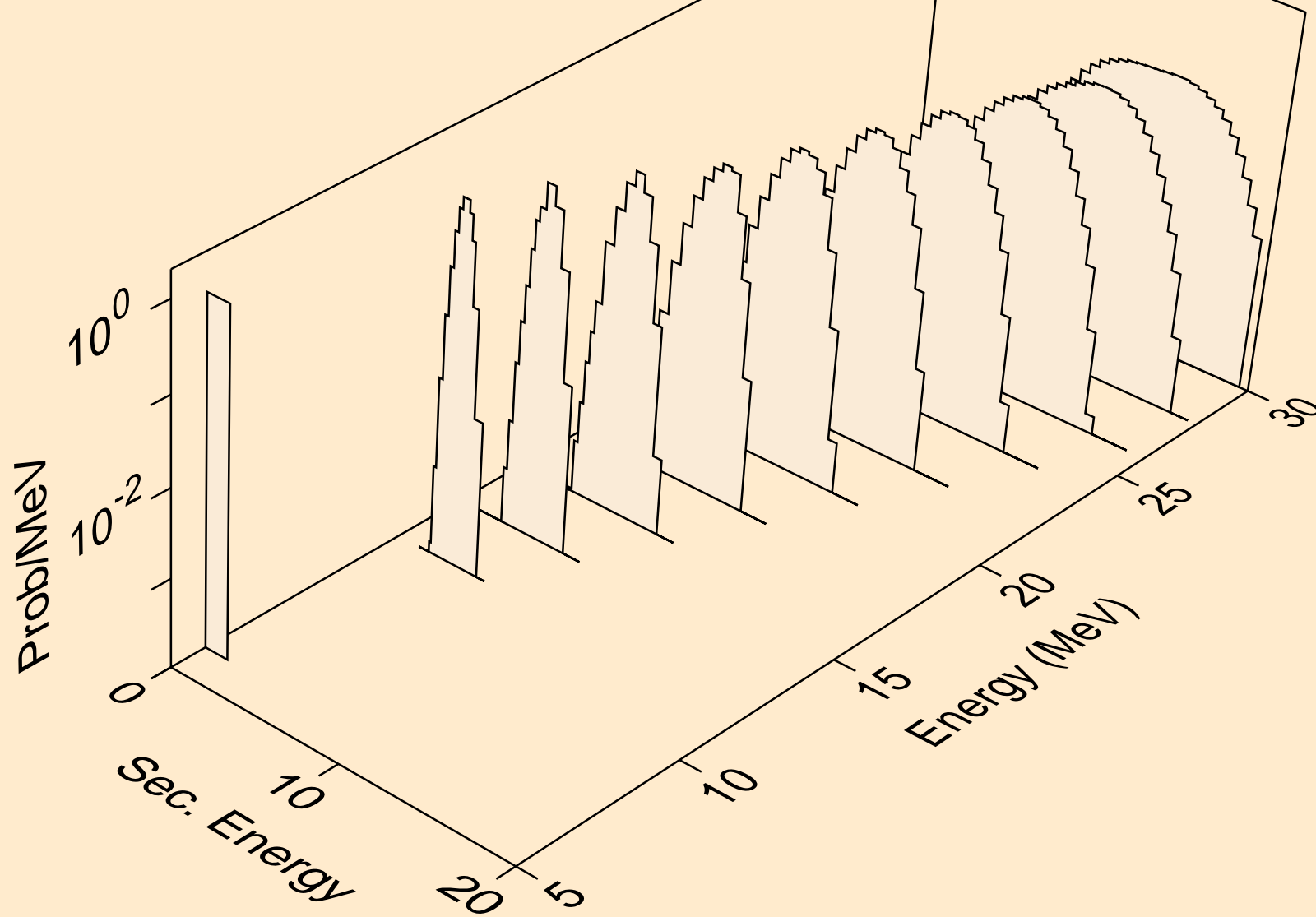
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

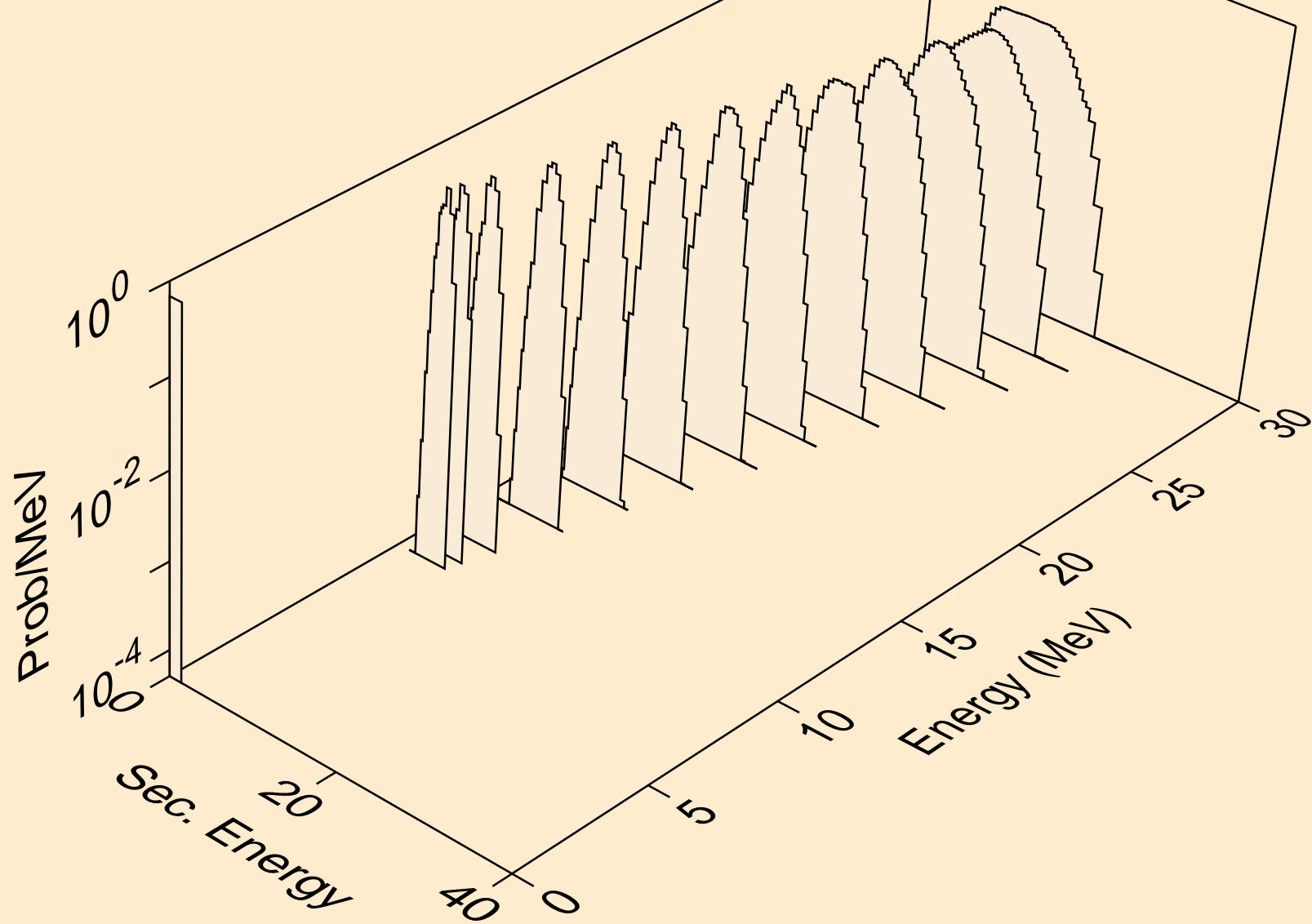


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

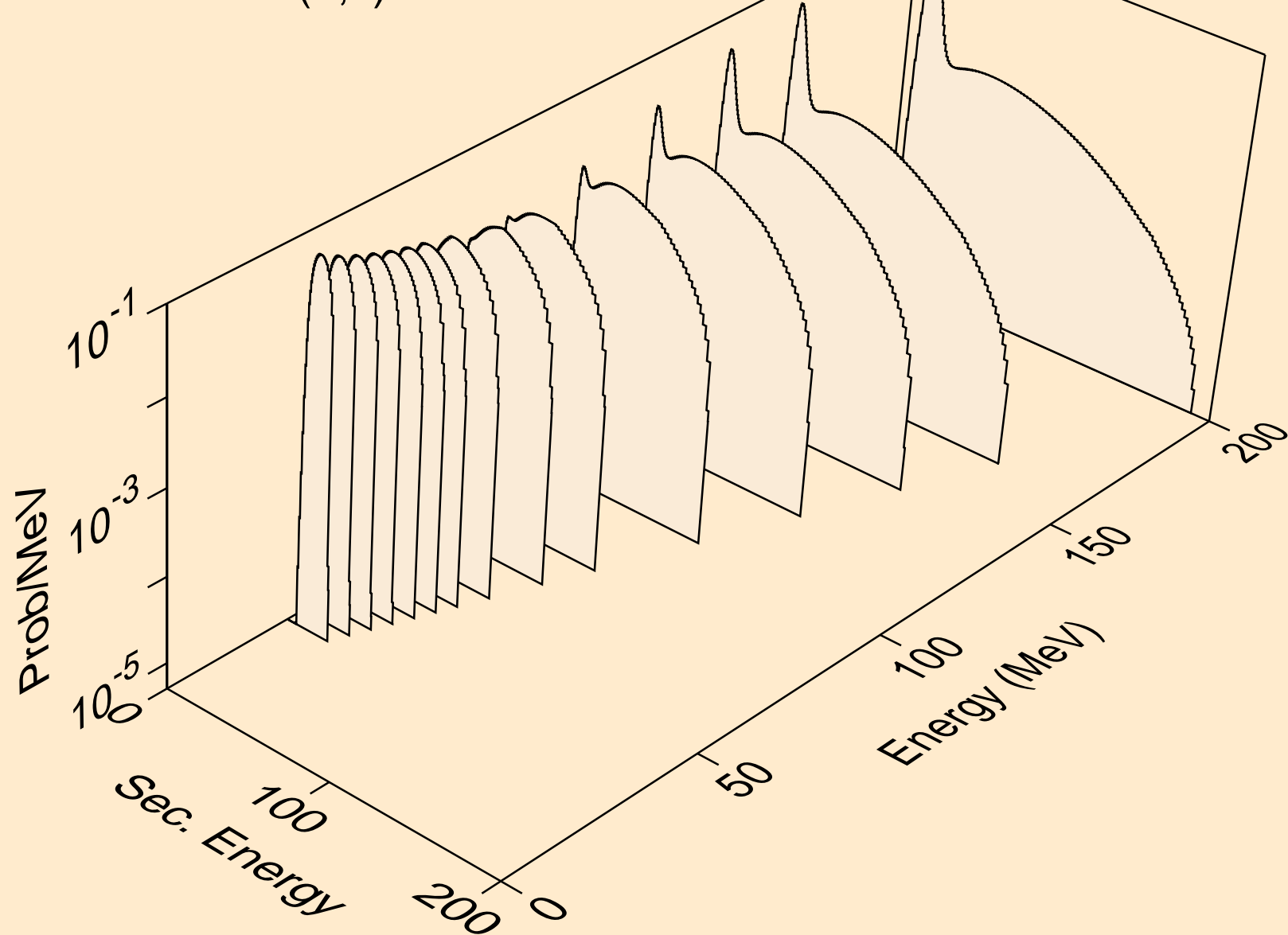




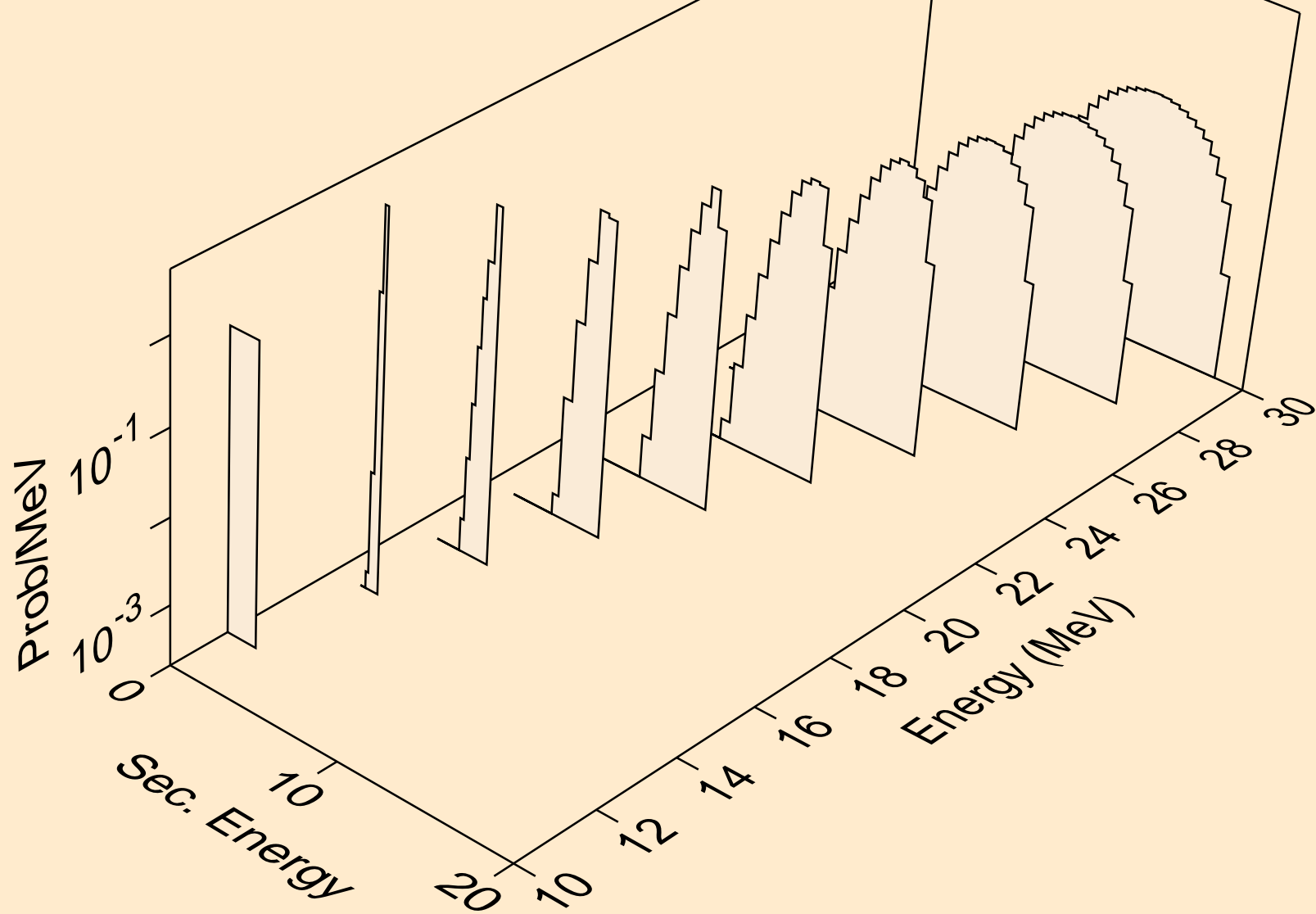
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deuterons from (n,da)



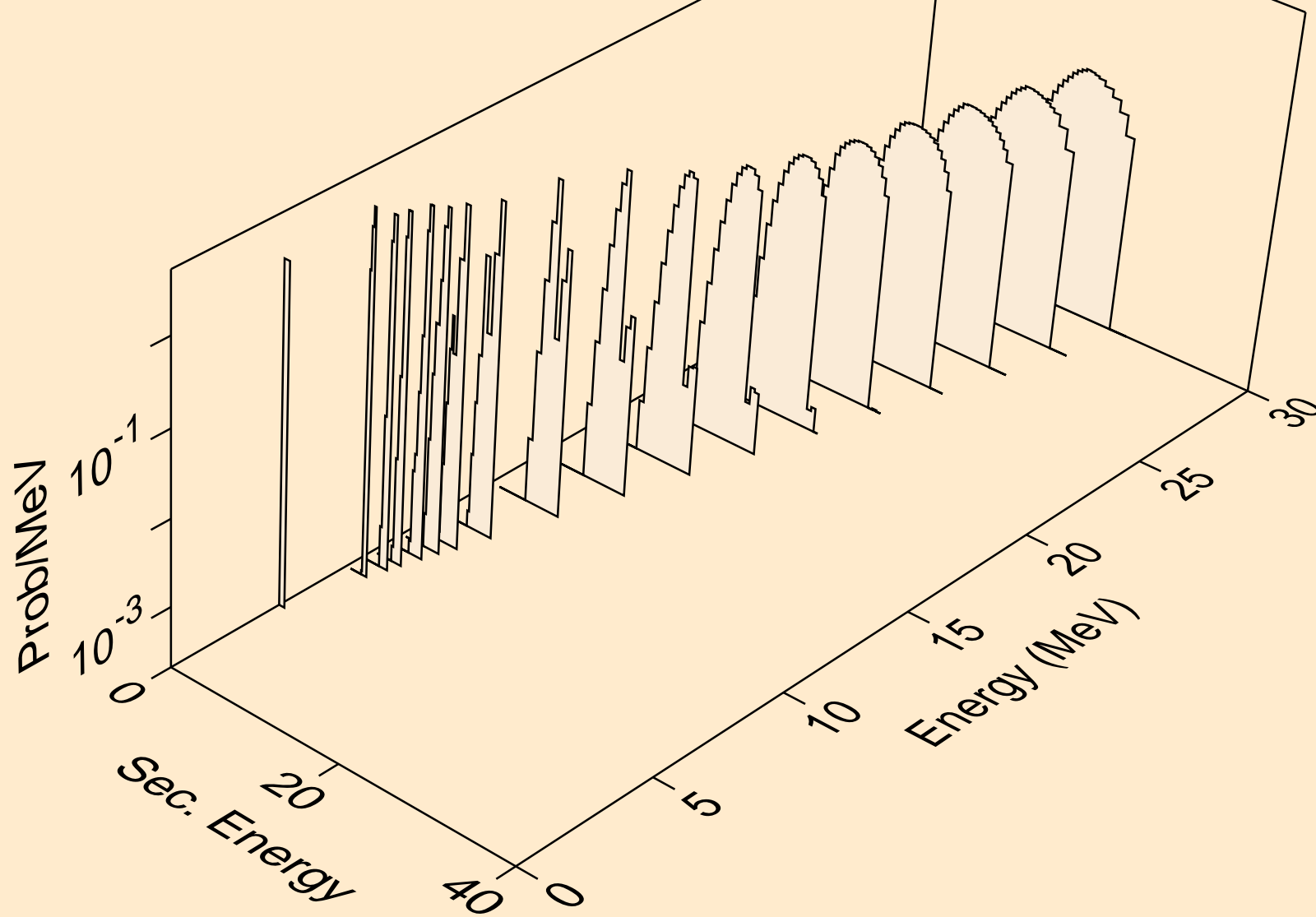
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



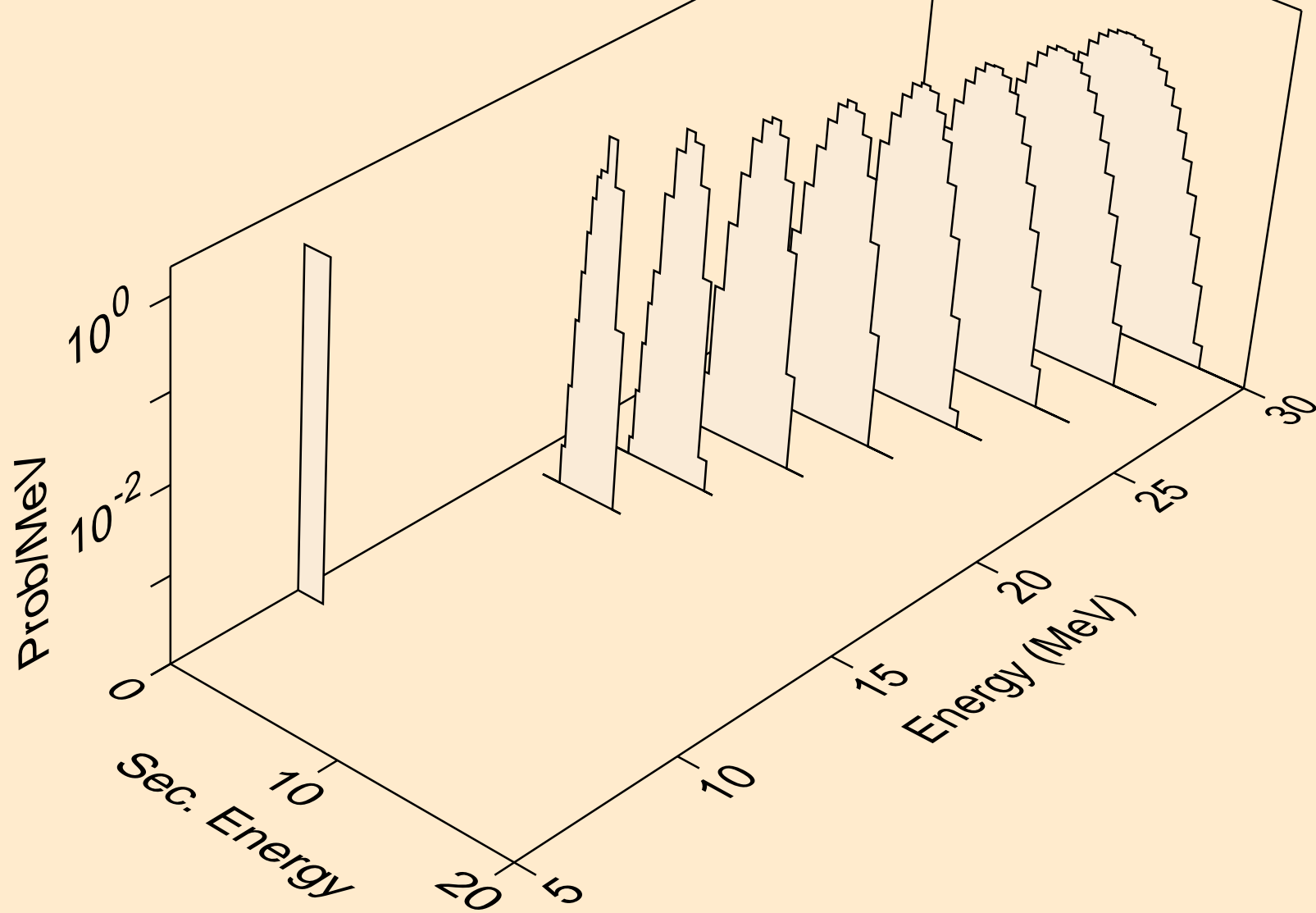
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



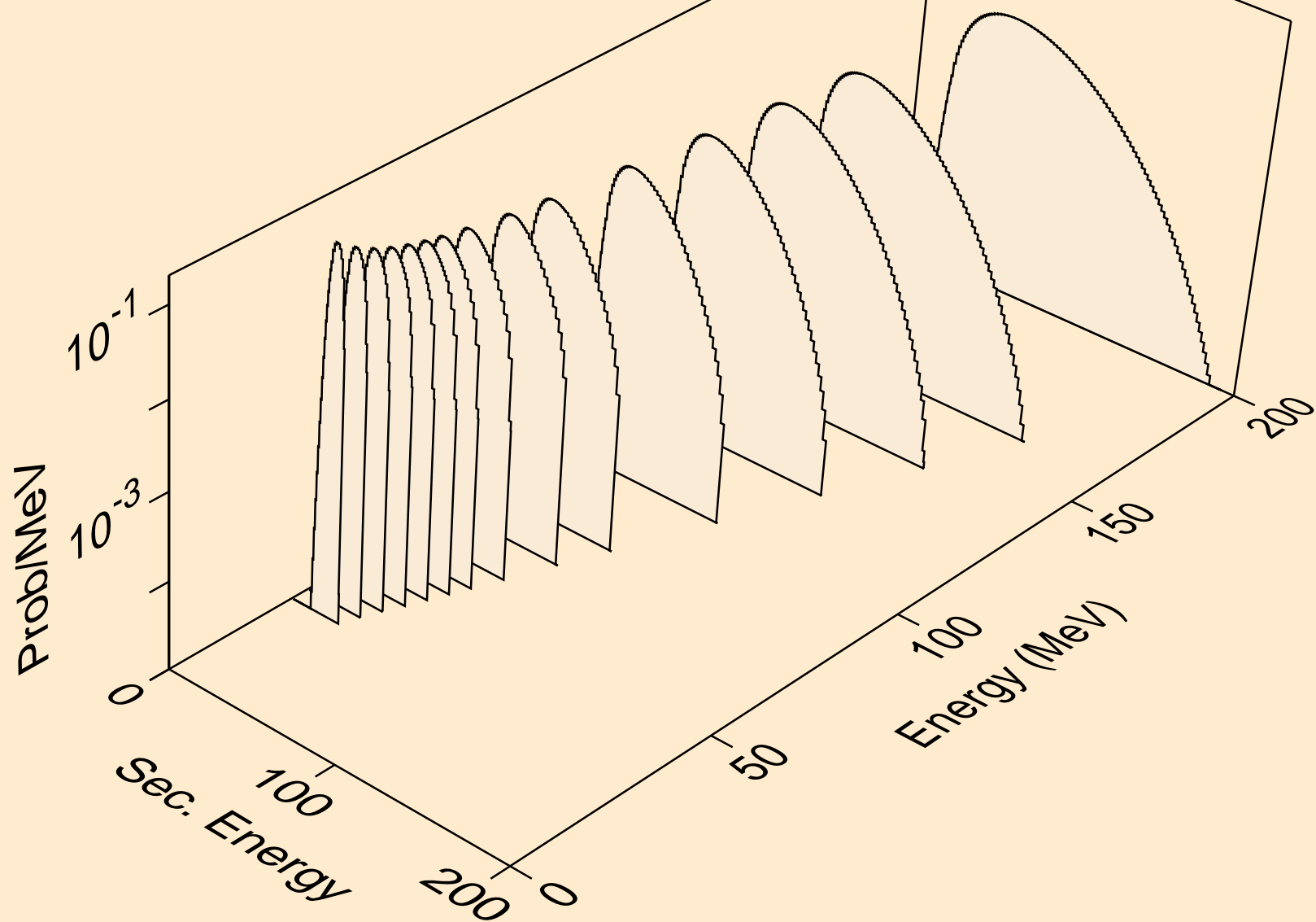
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tritons from (n,t)



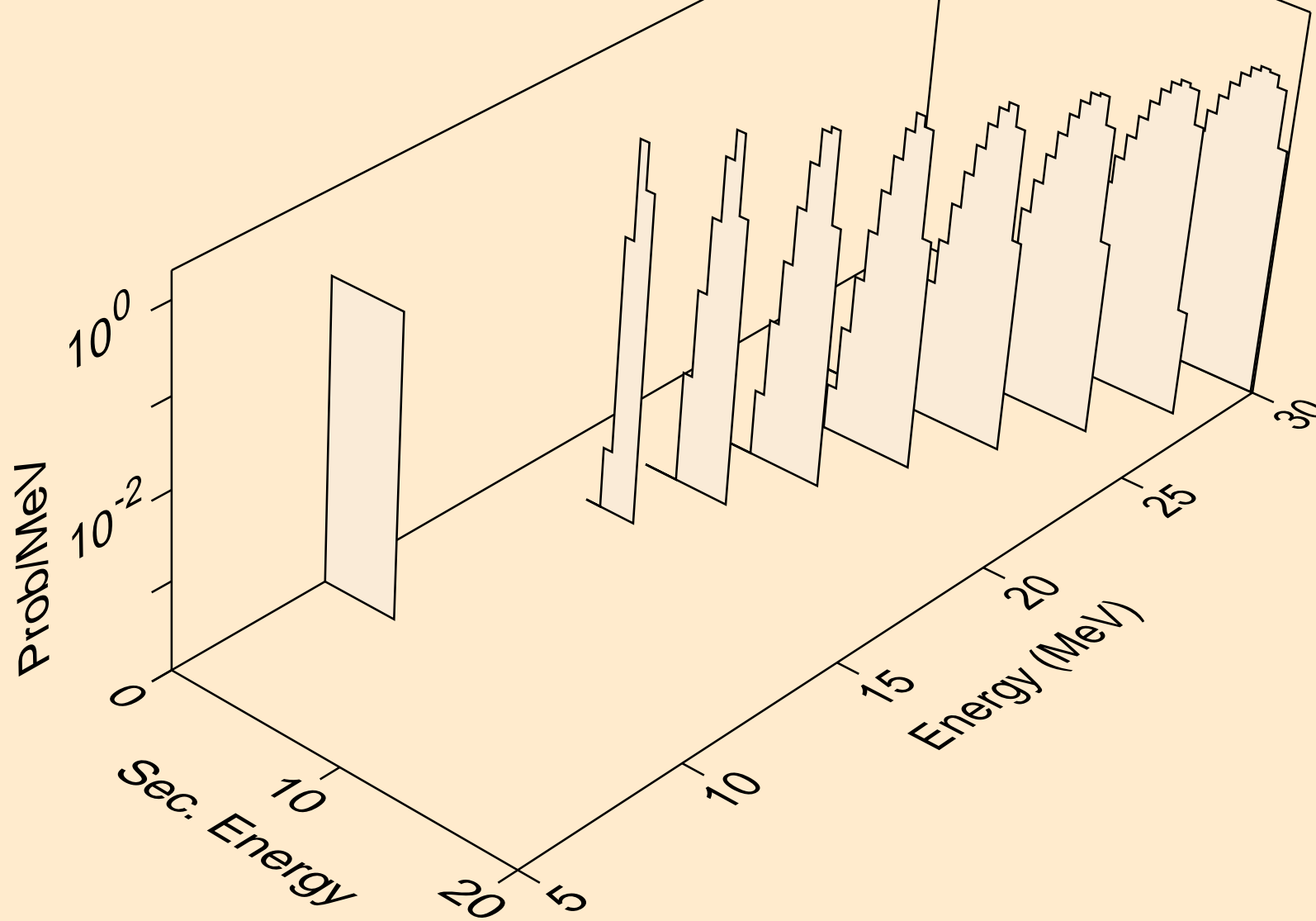
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



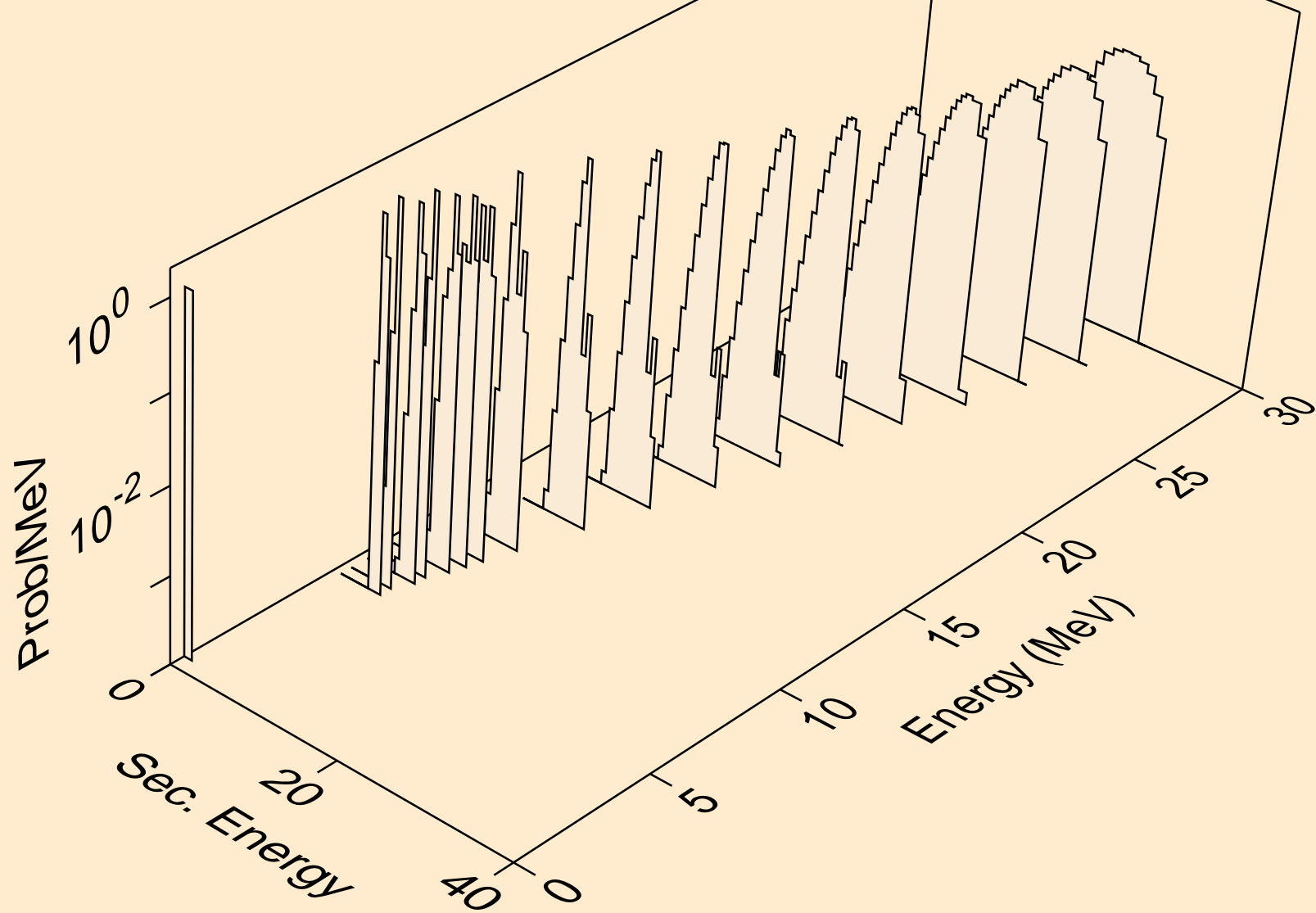
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

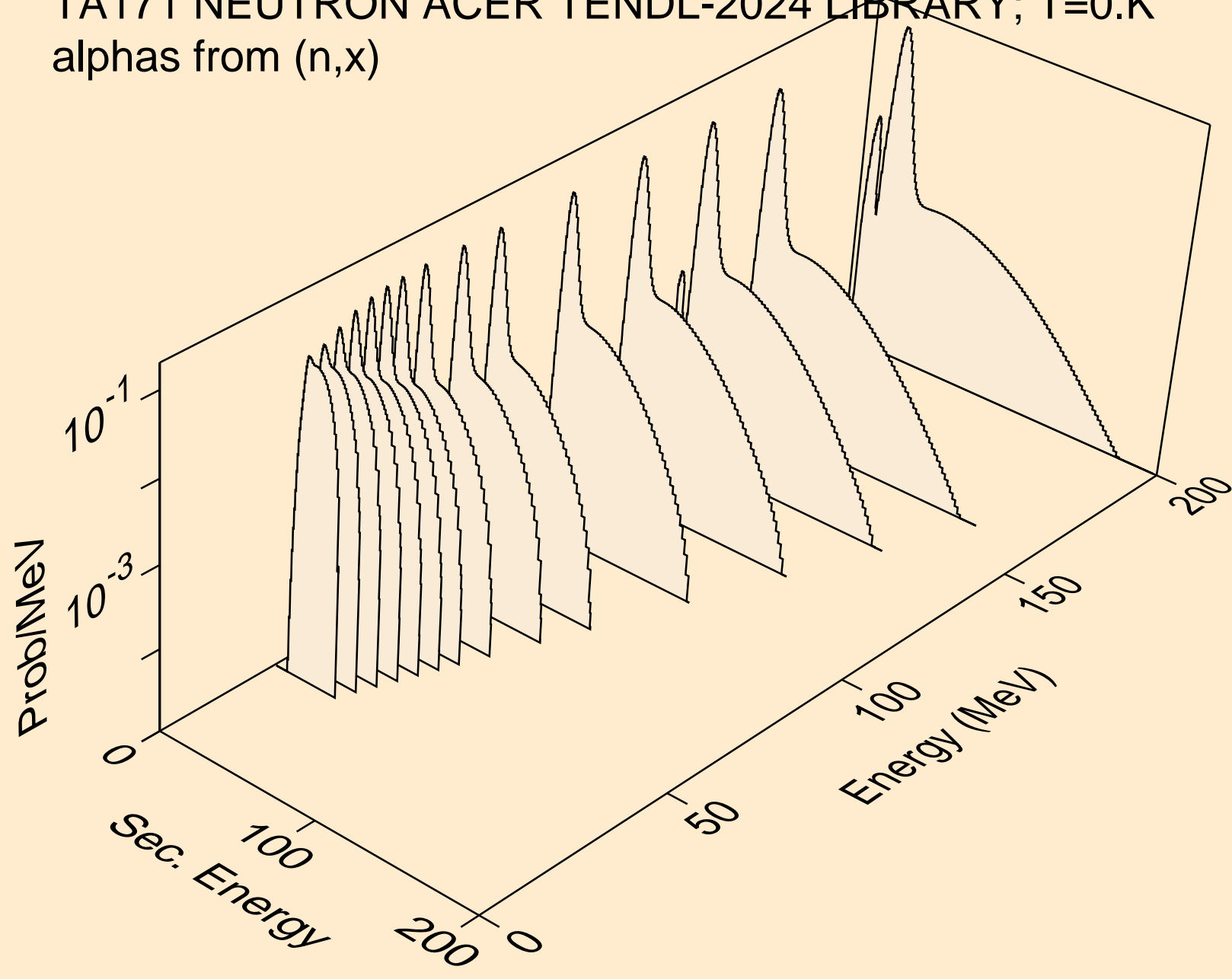


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

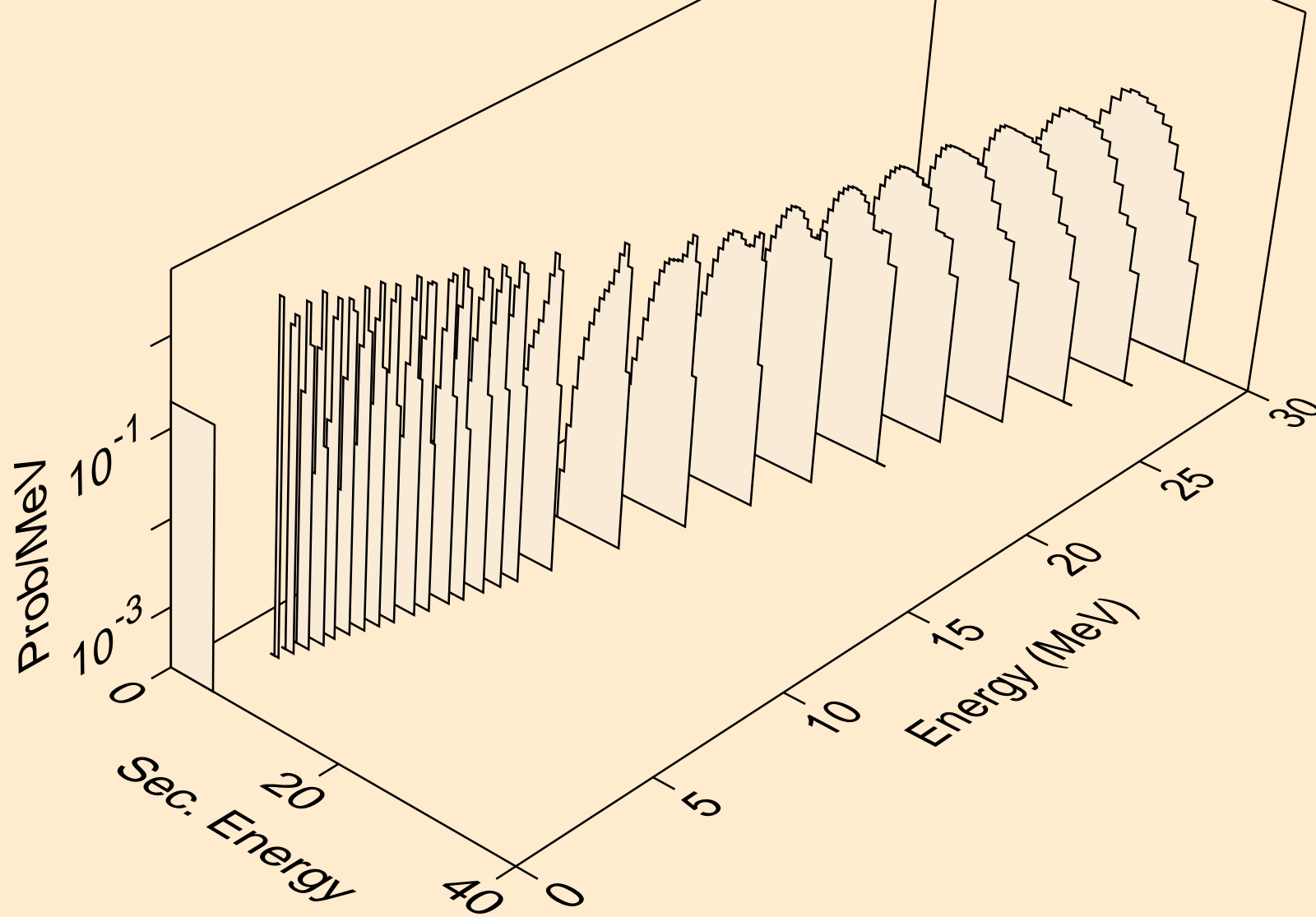




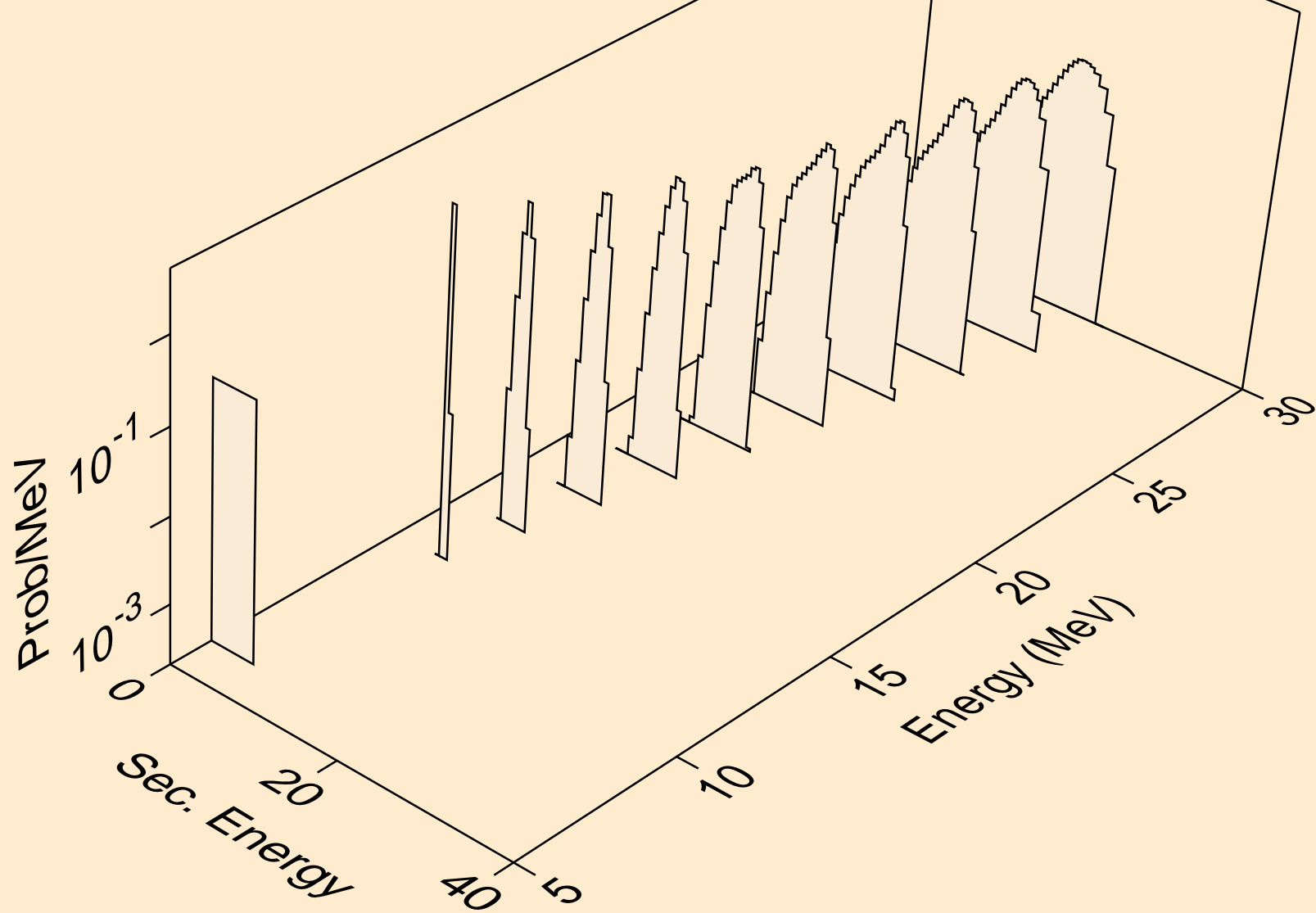
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



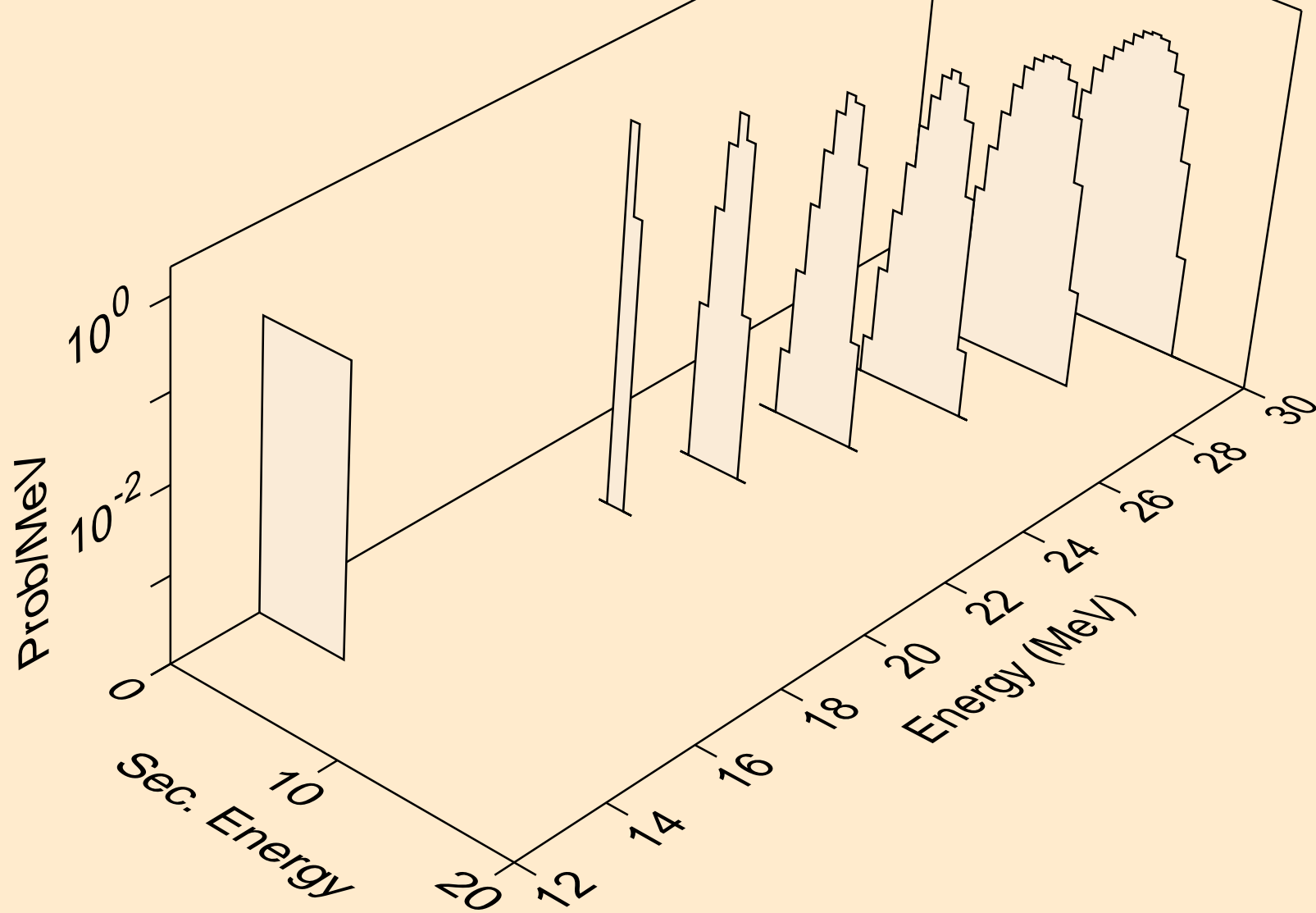
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



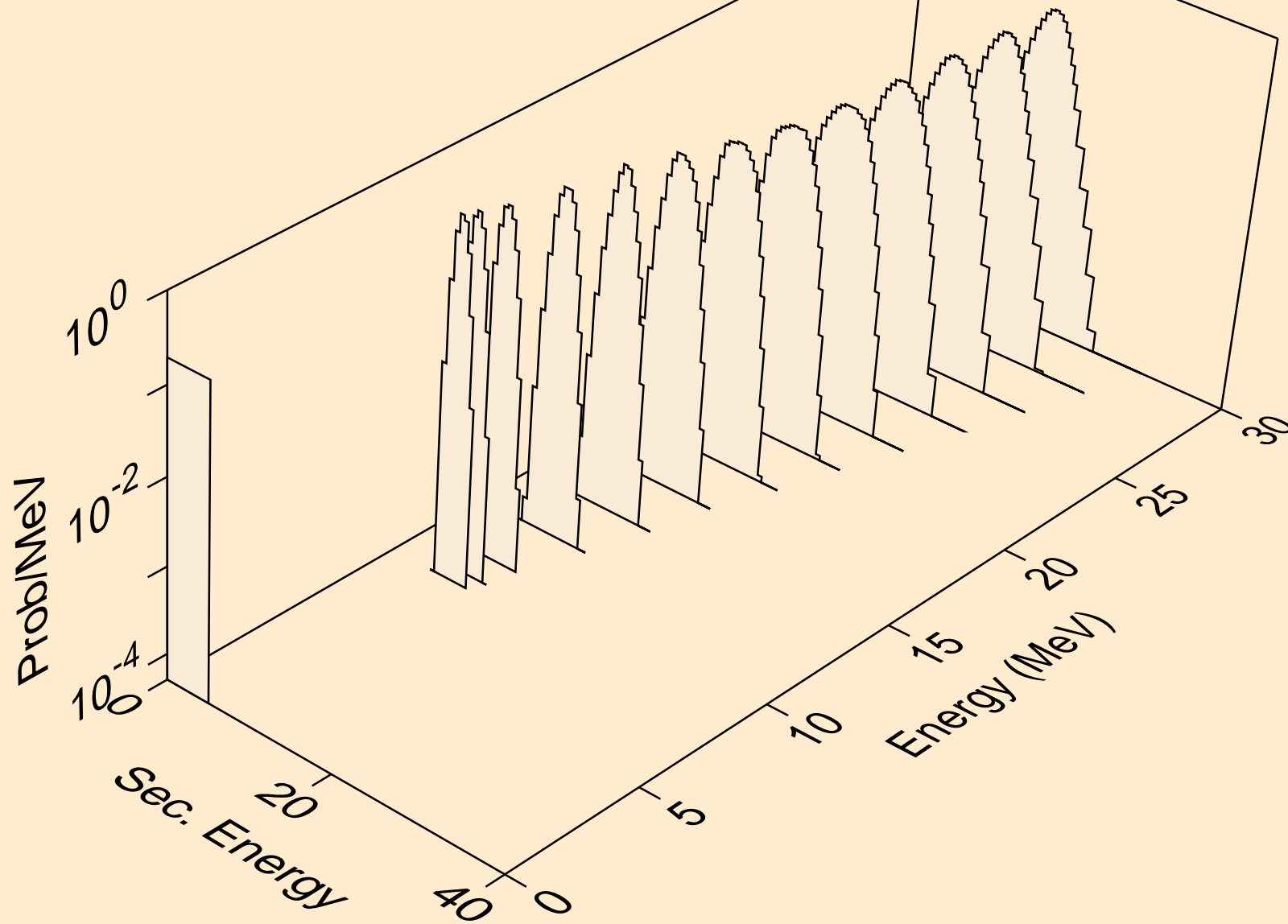
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



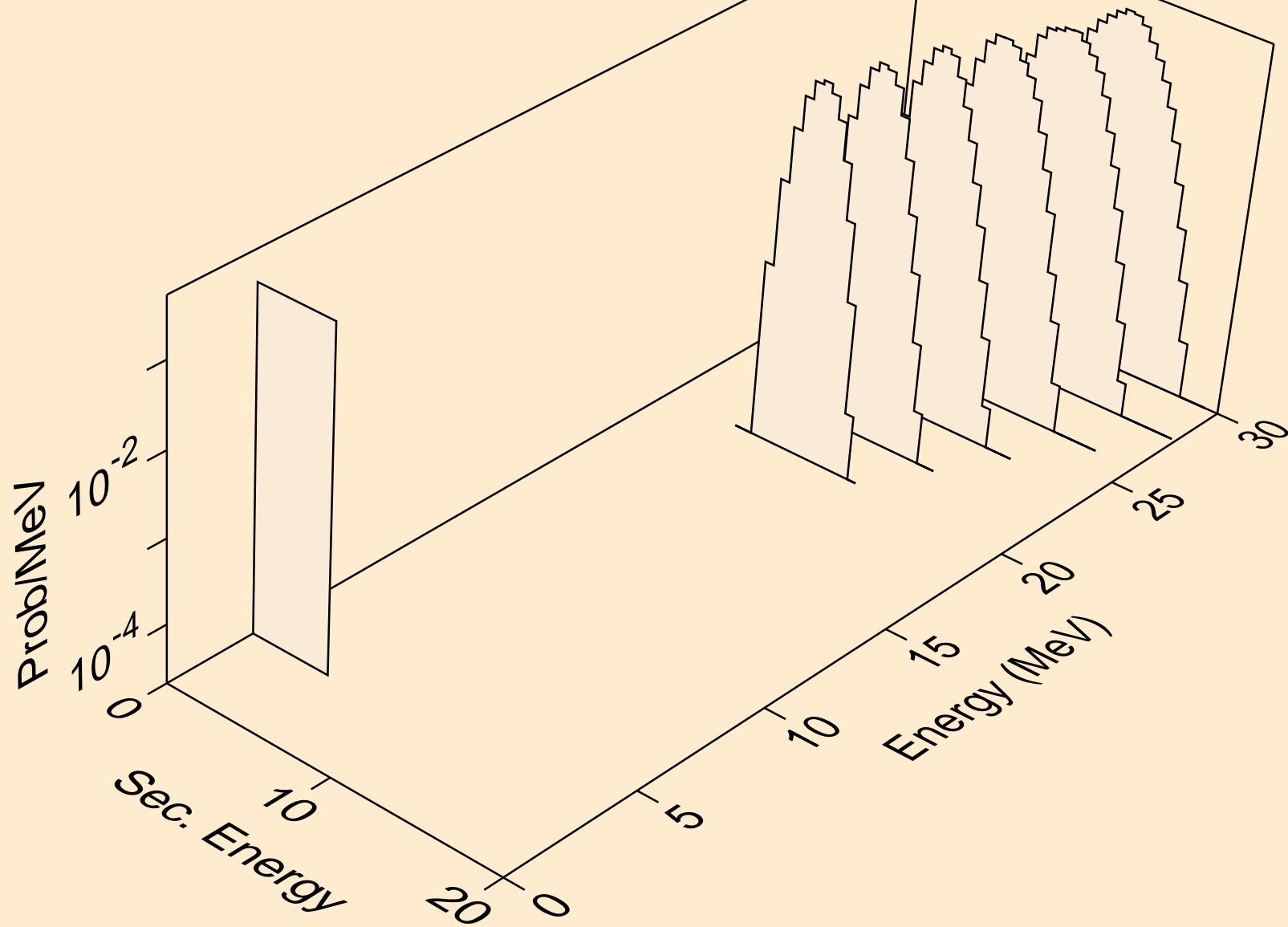
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



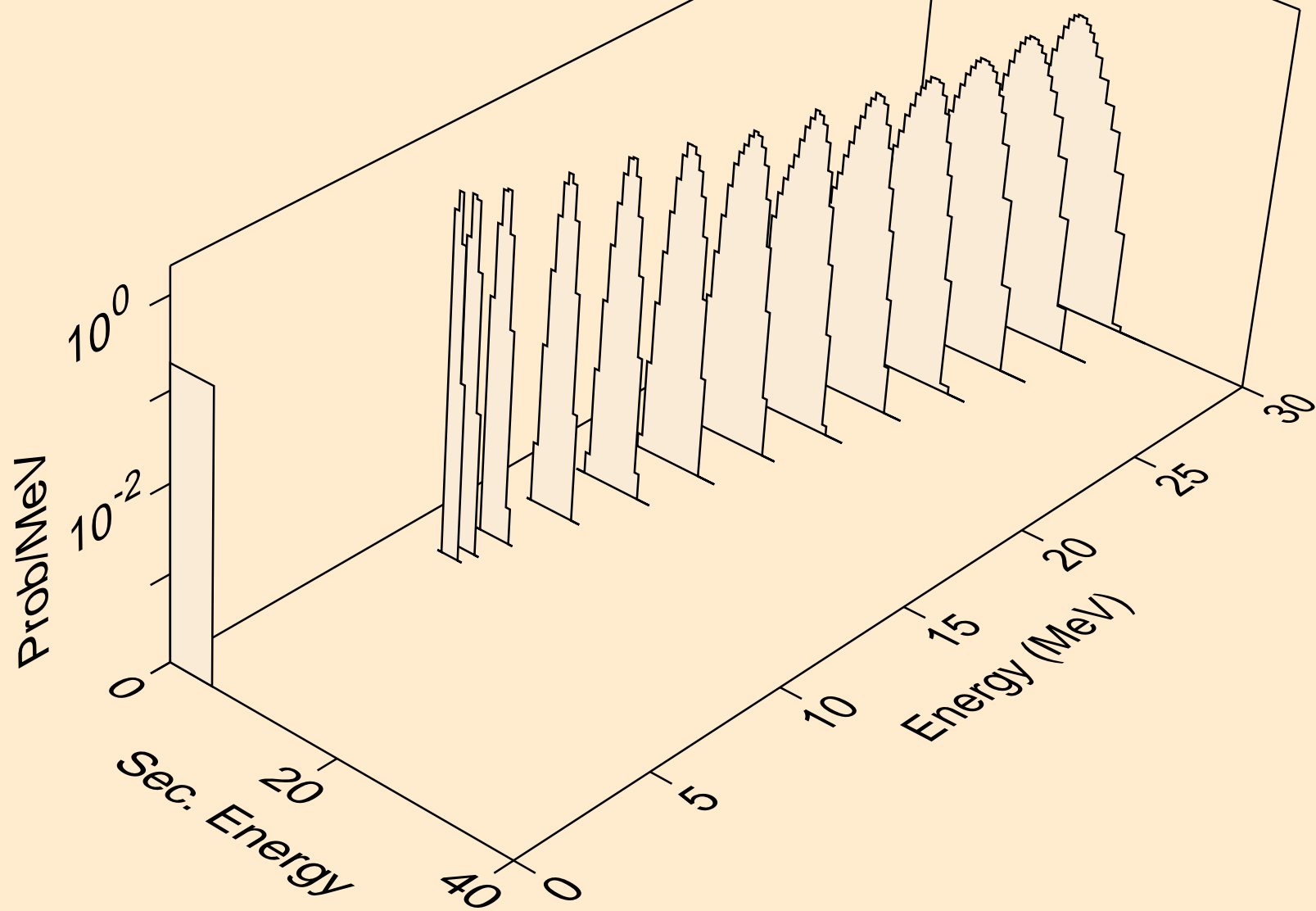
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



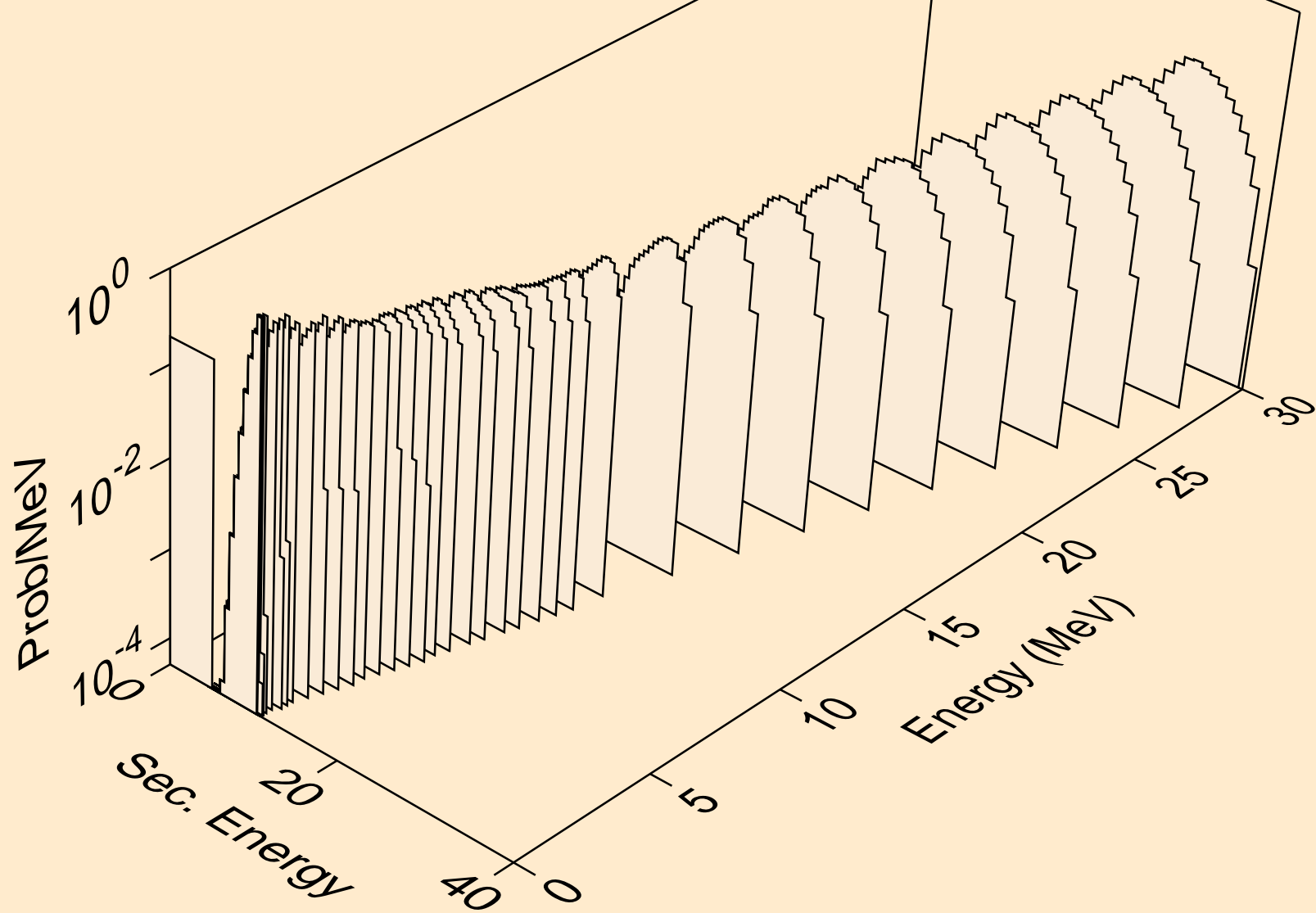
TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

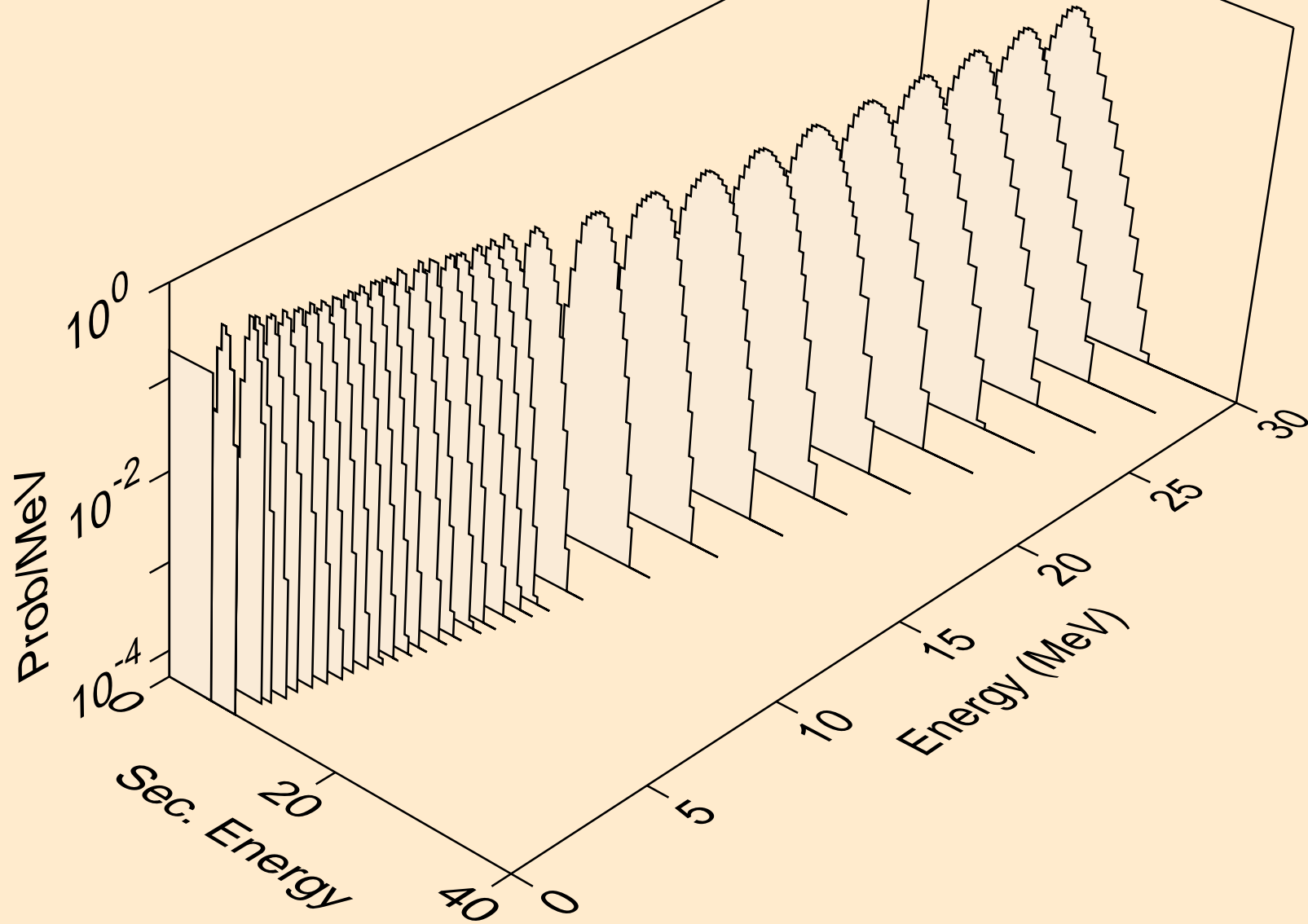


TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

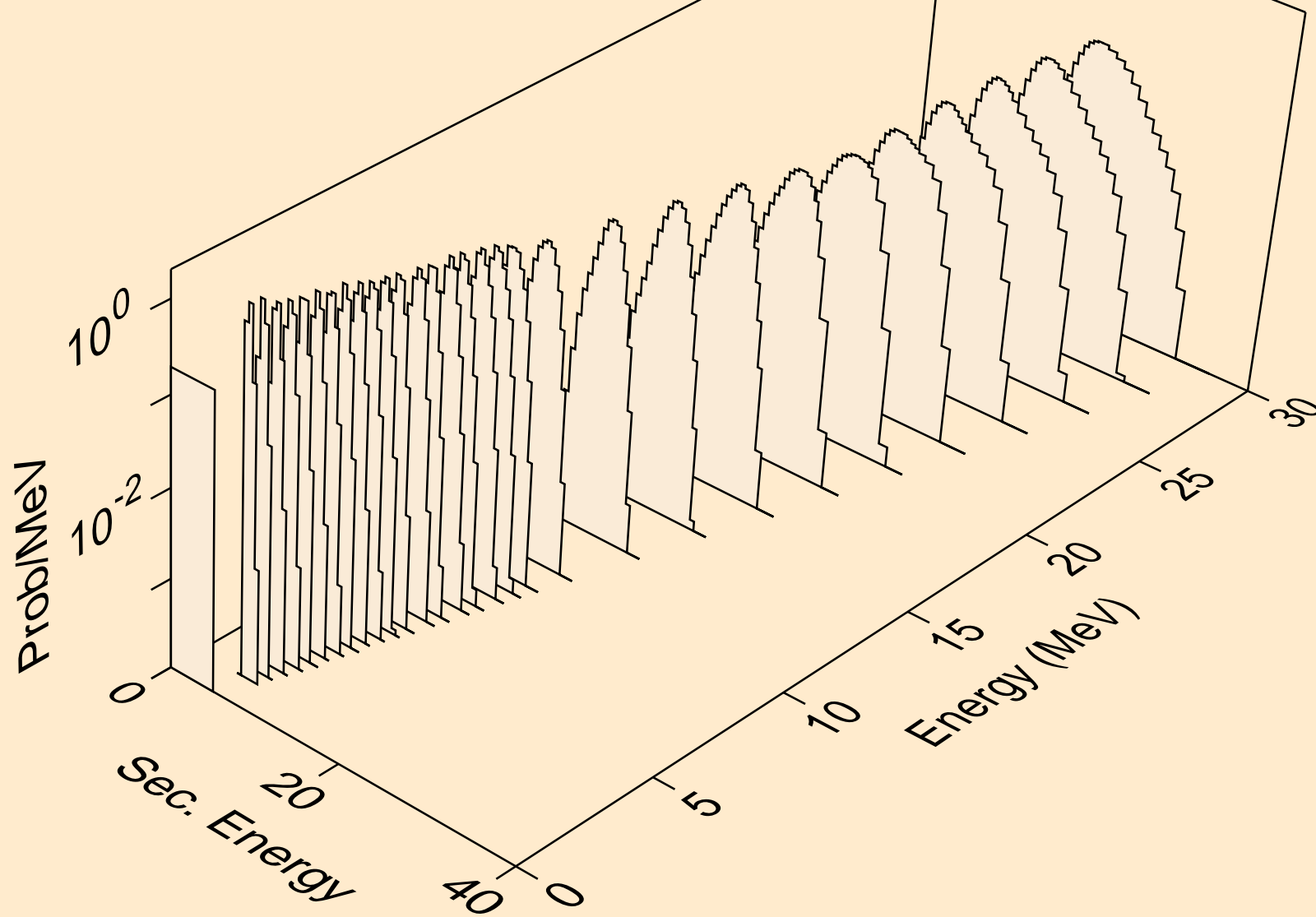




TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TA171 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

