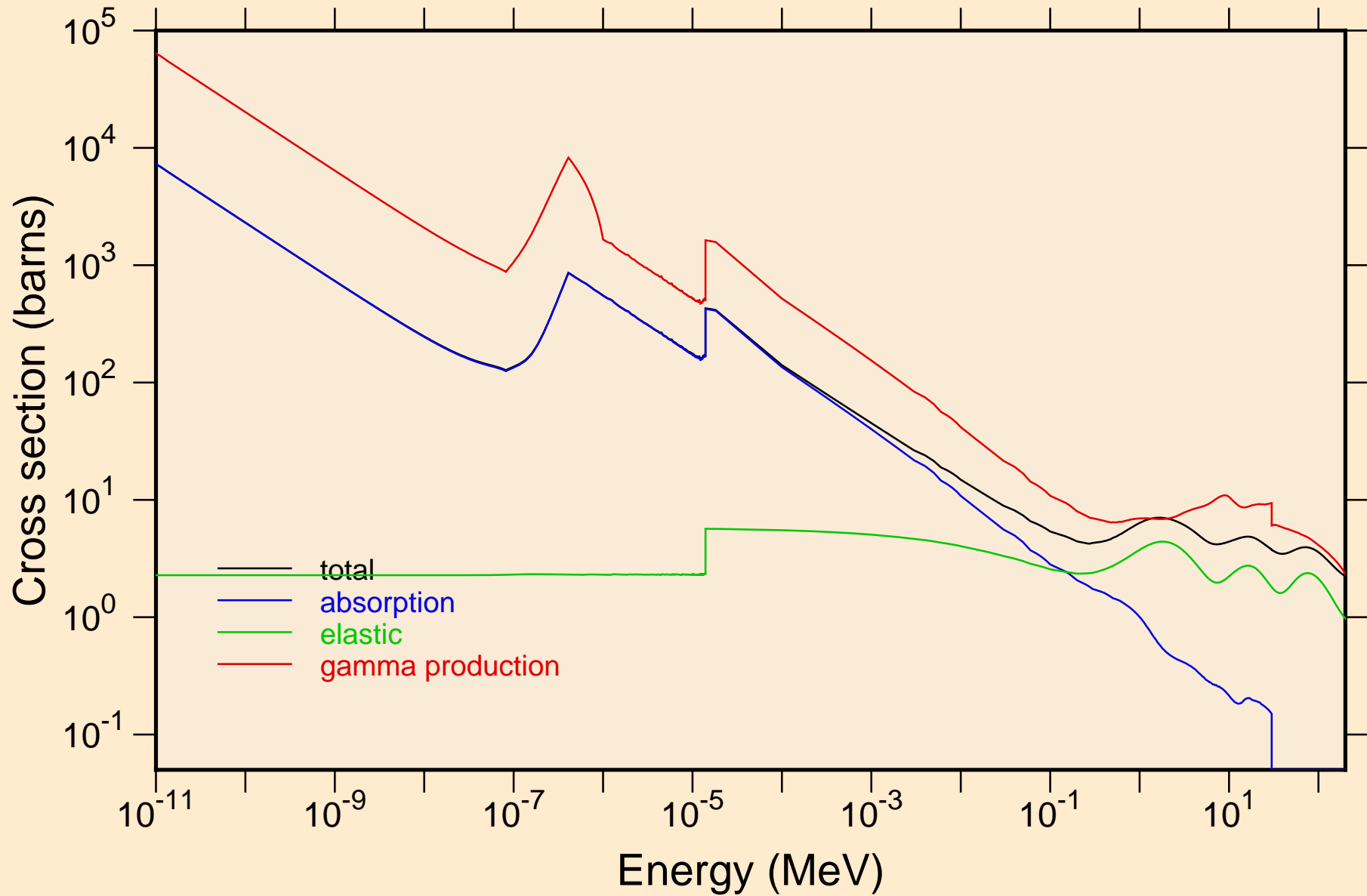
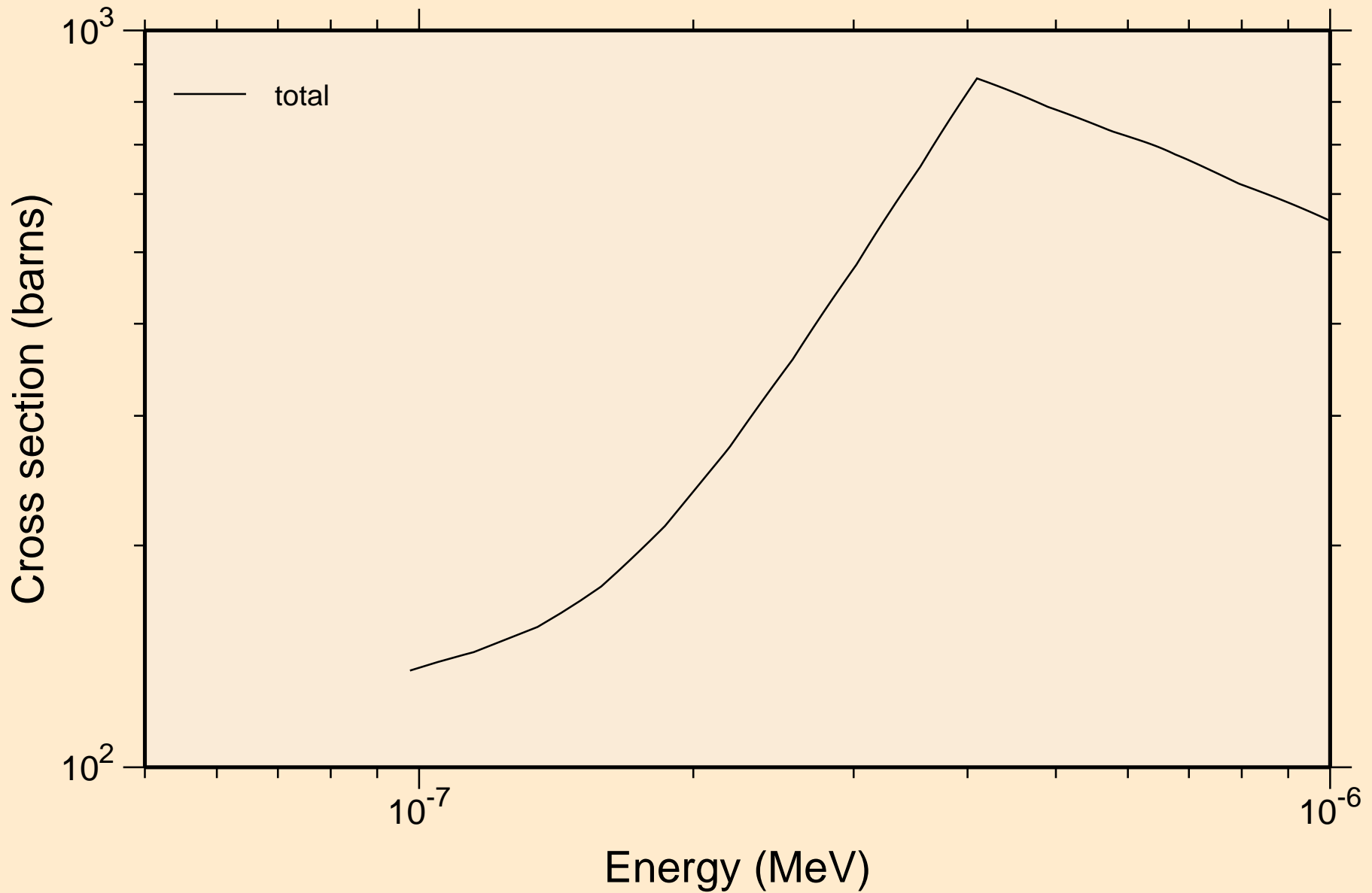


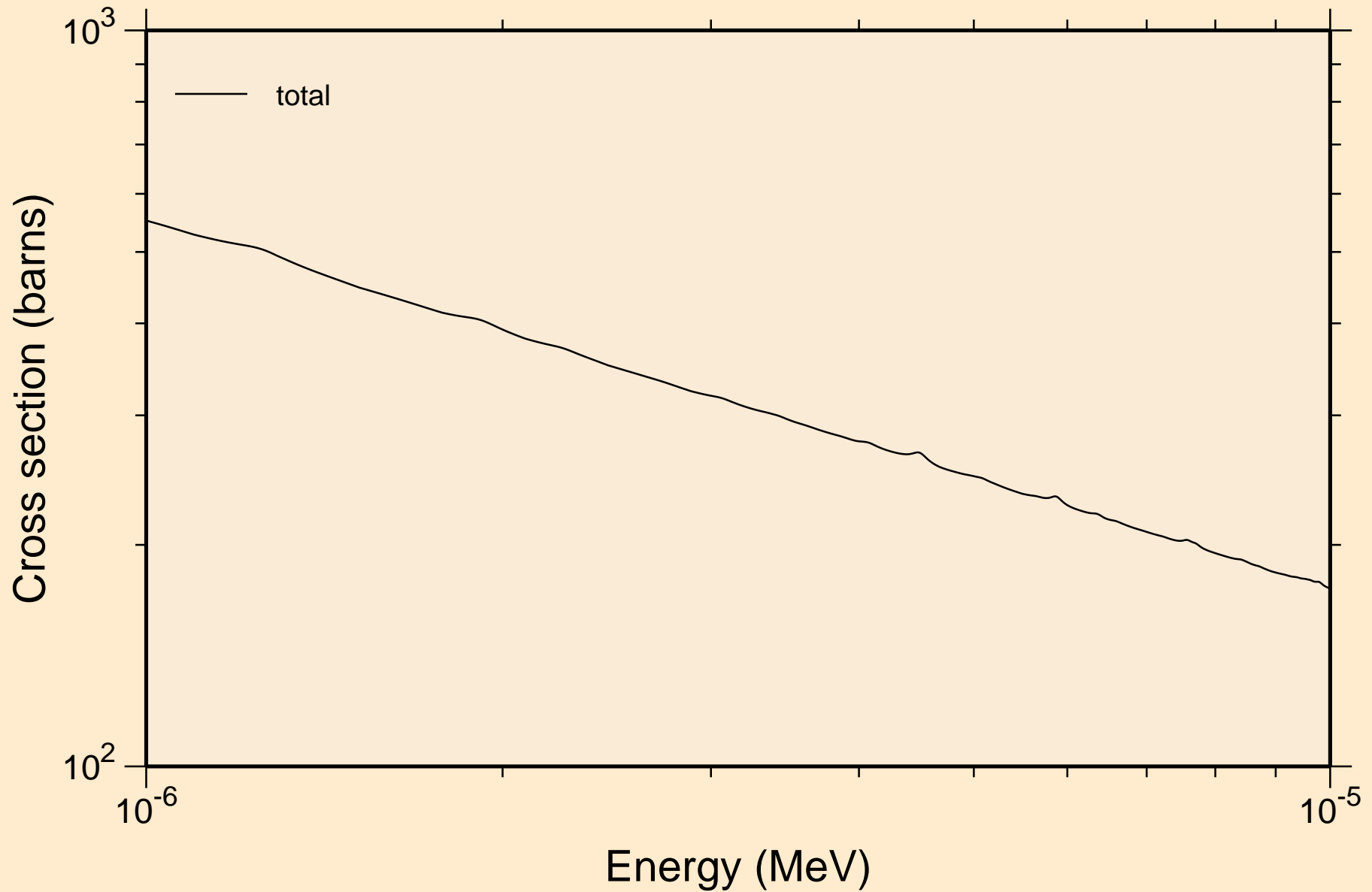
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



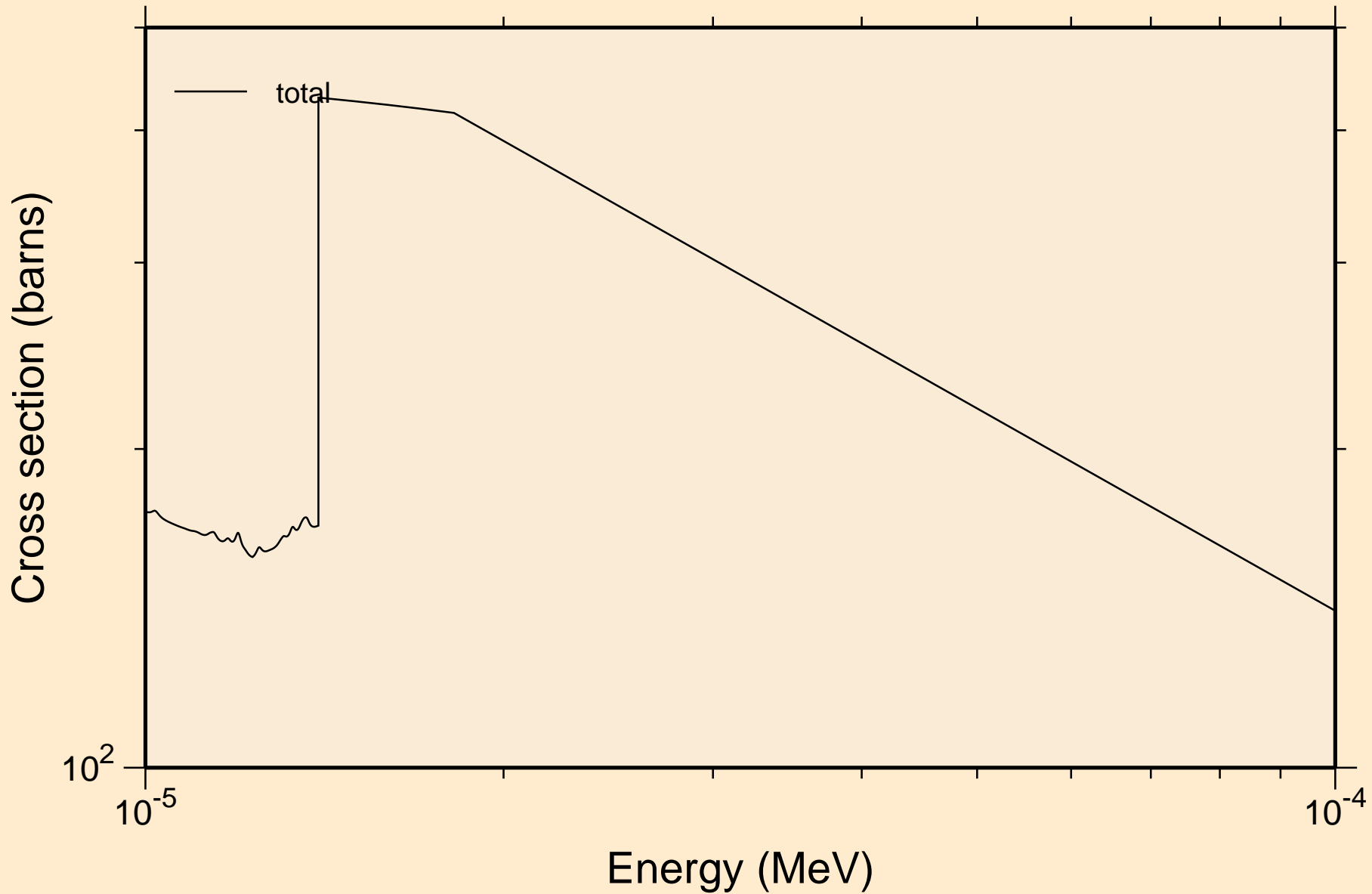
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



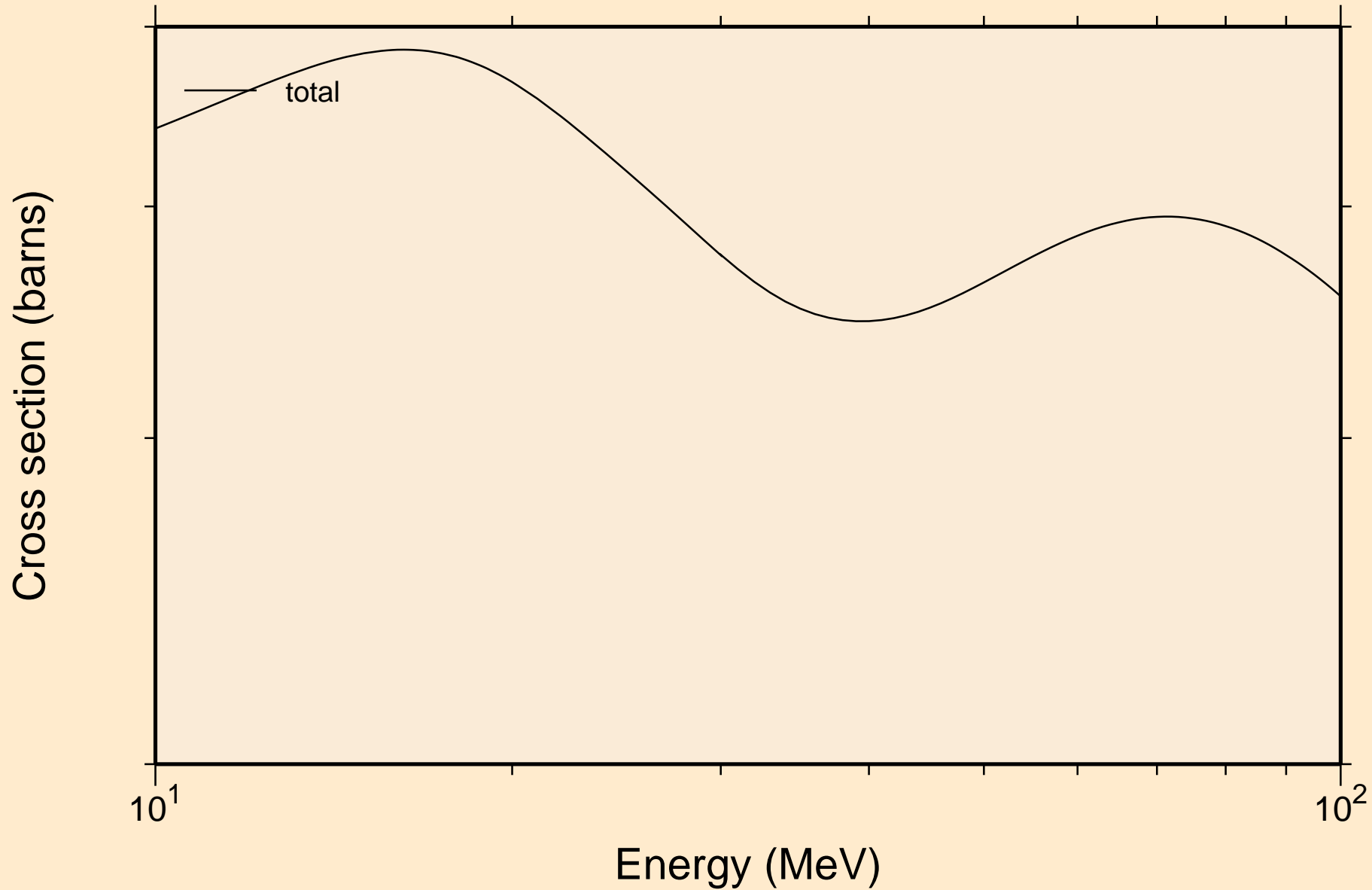
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



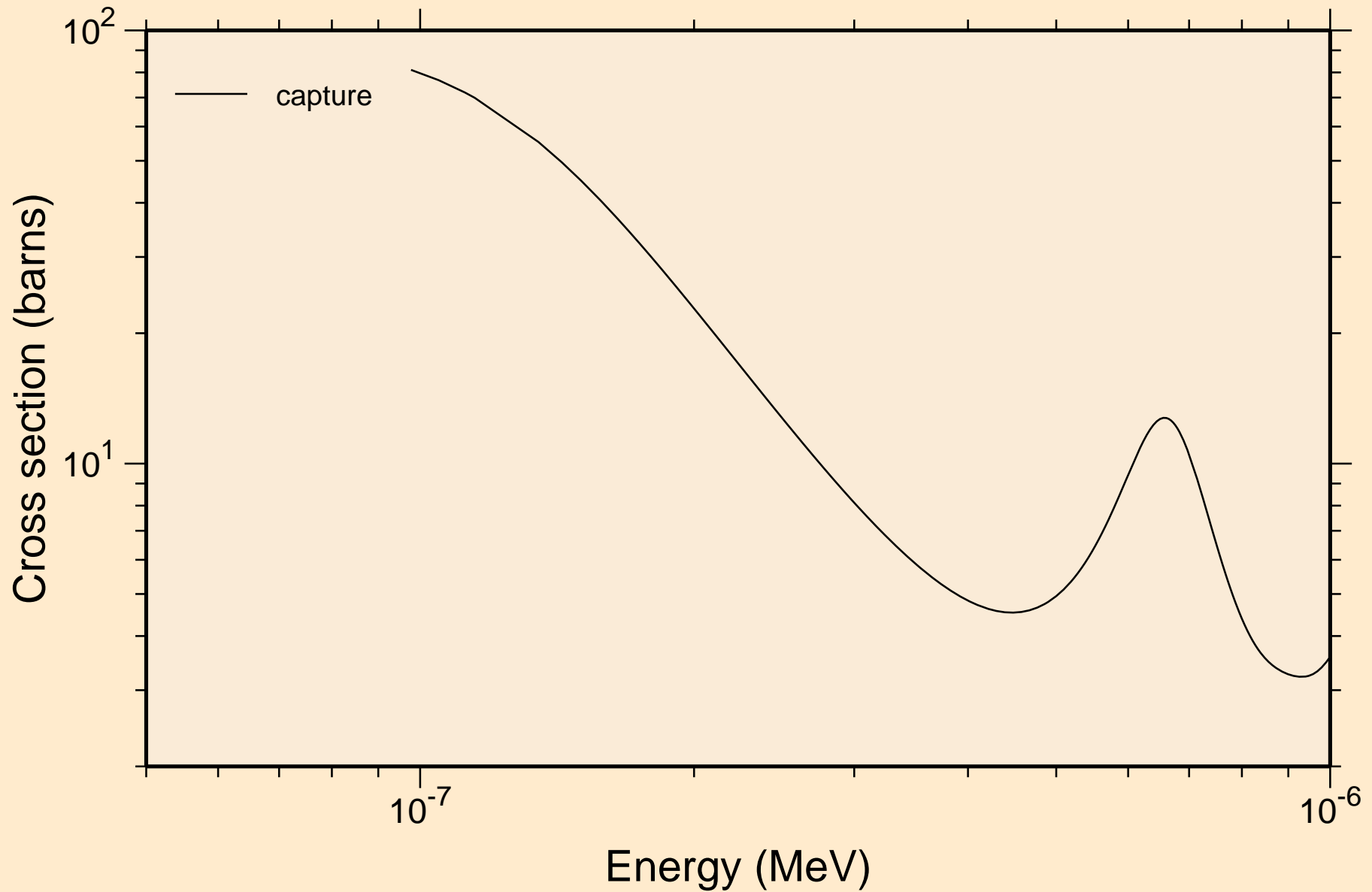
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



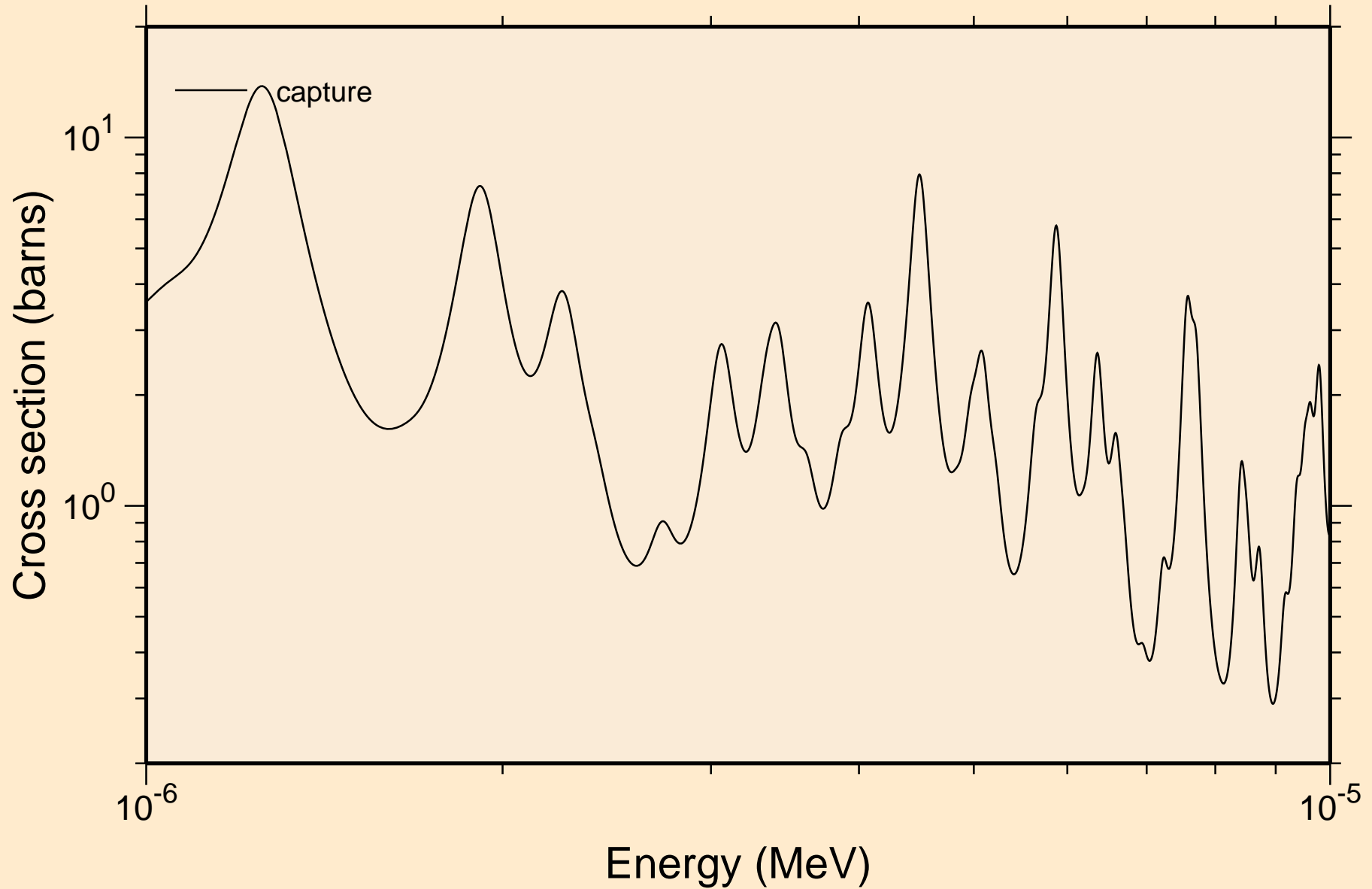
P̄M138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



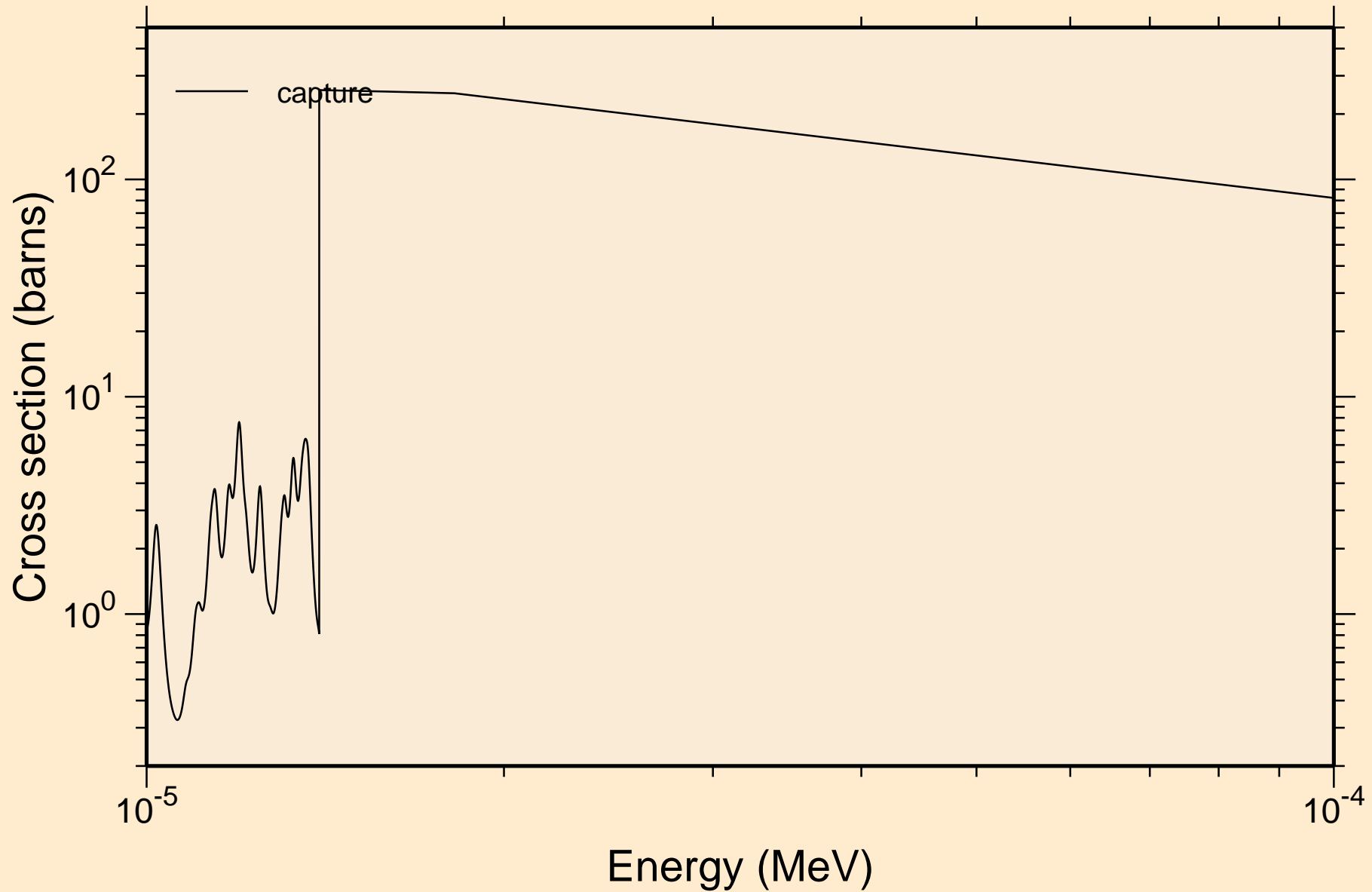
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

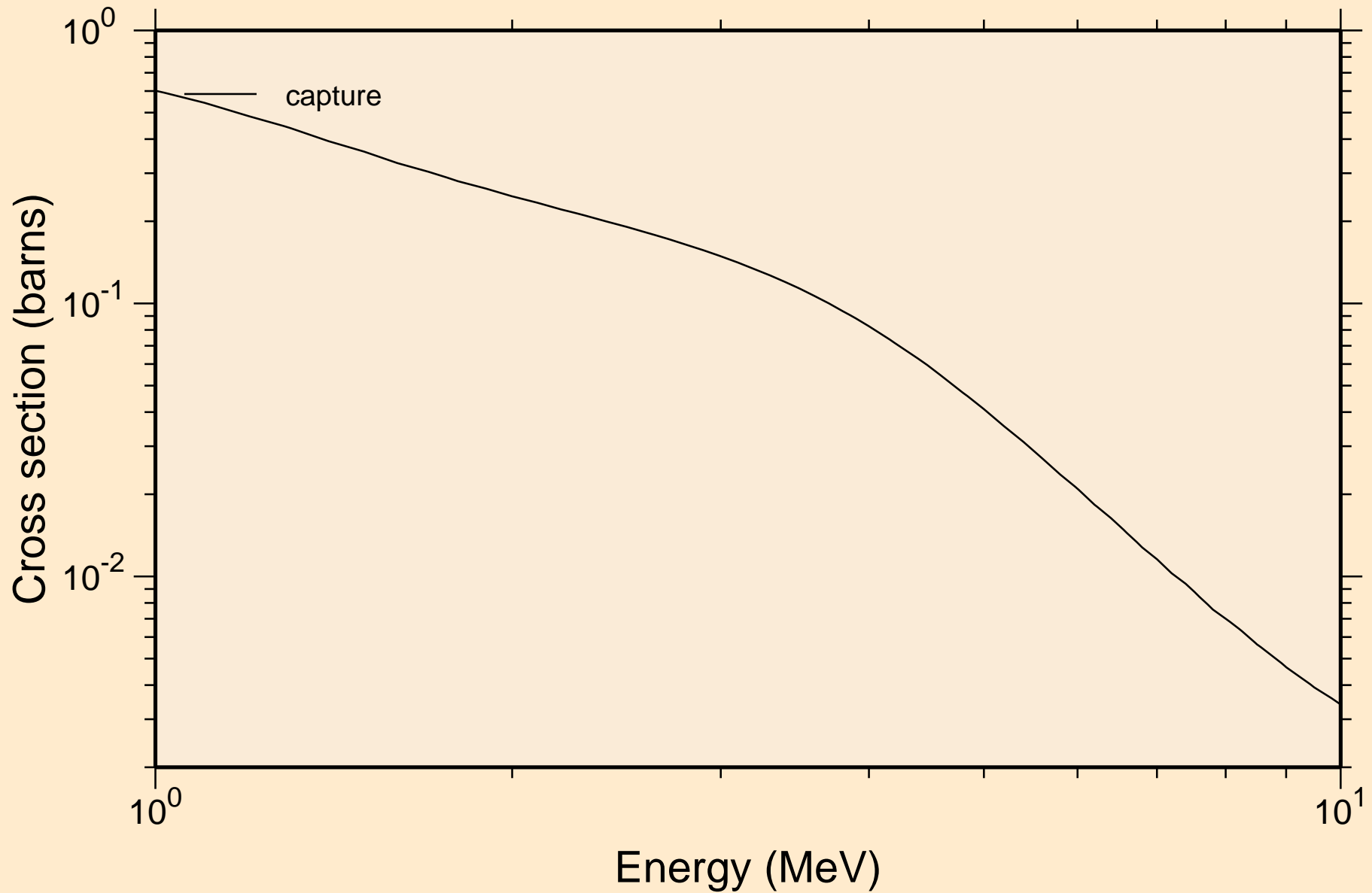


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



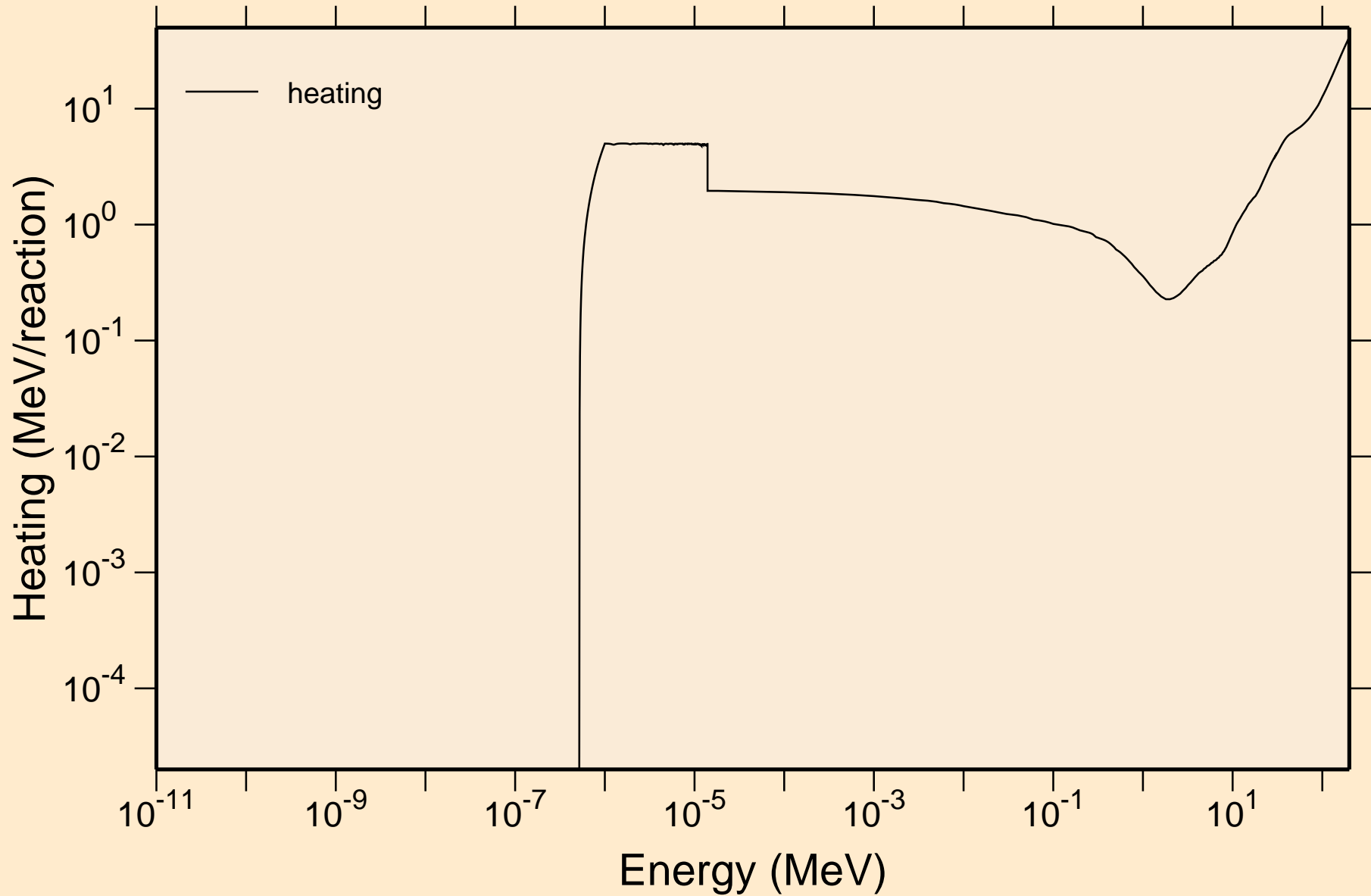


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

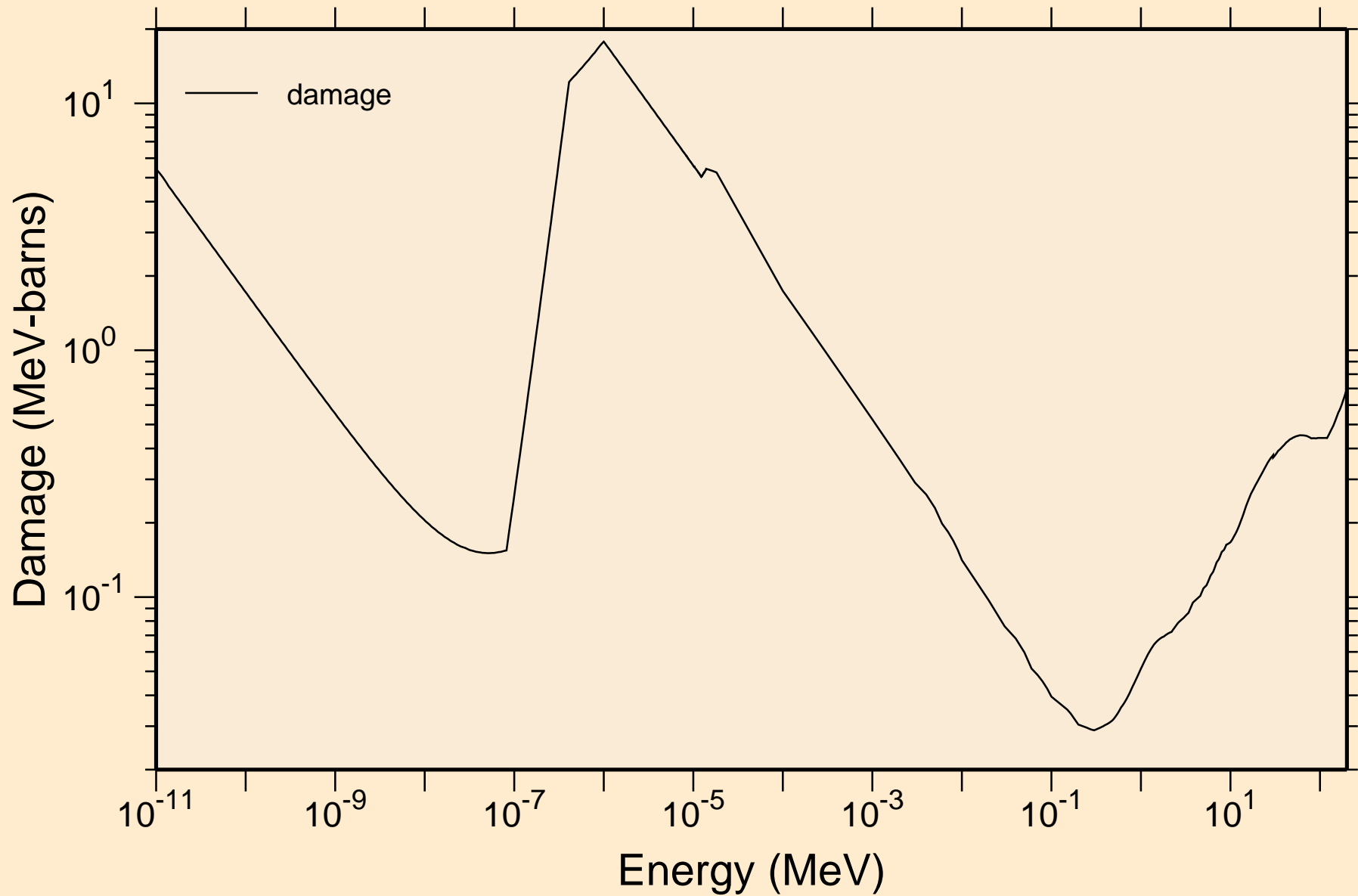


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

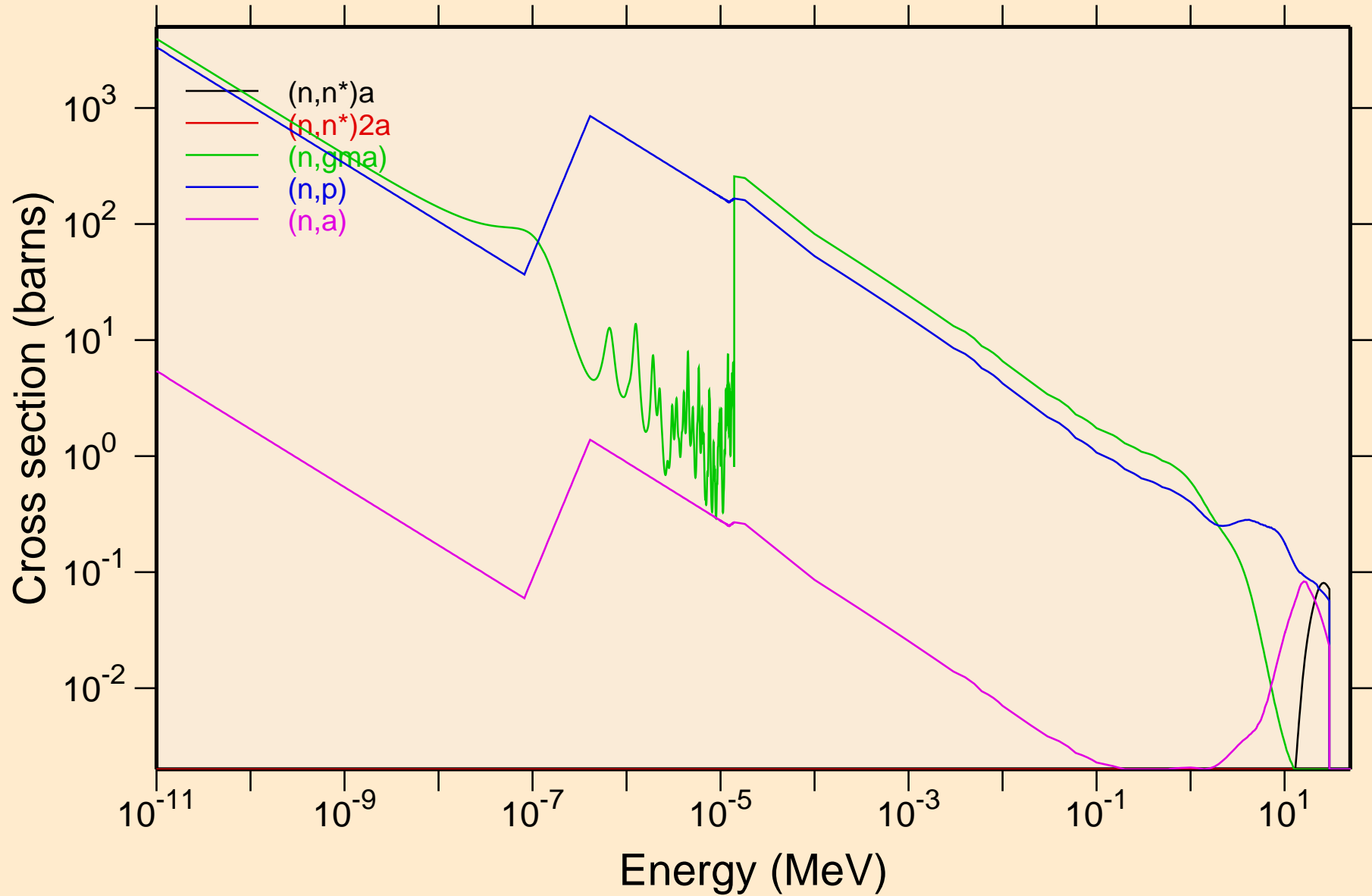


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

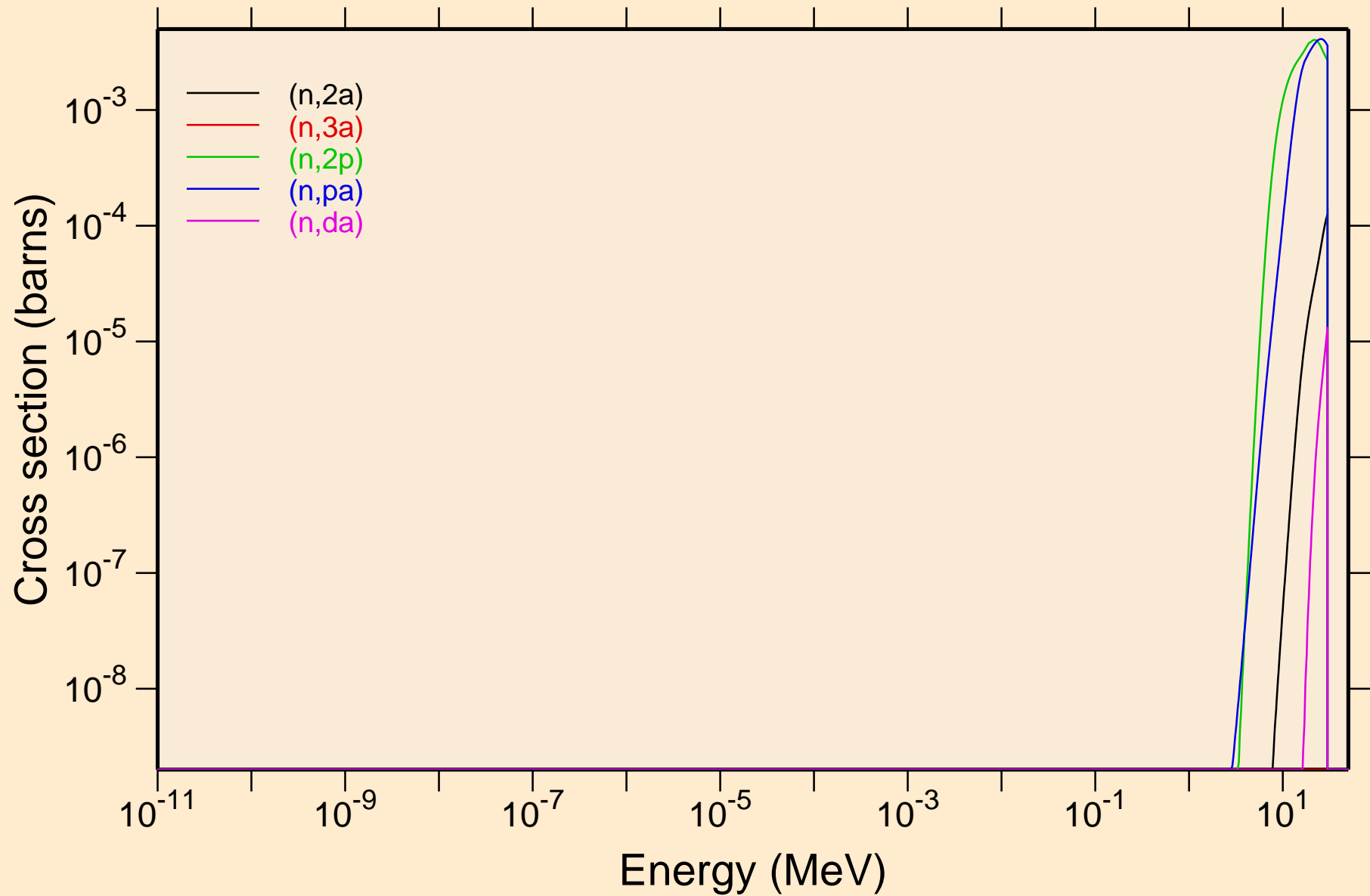


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

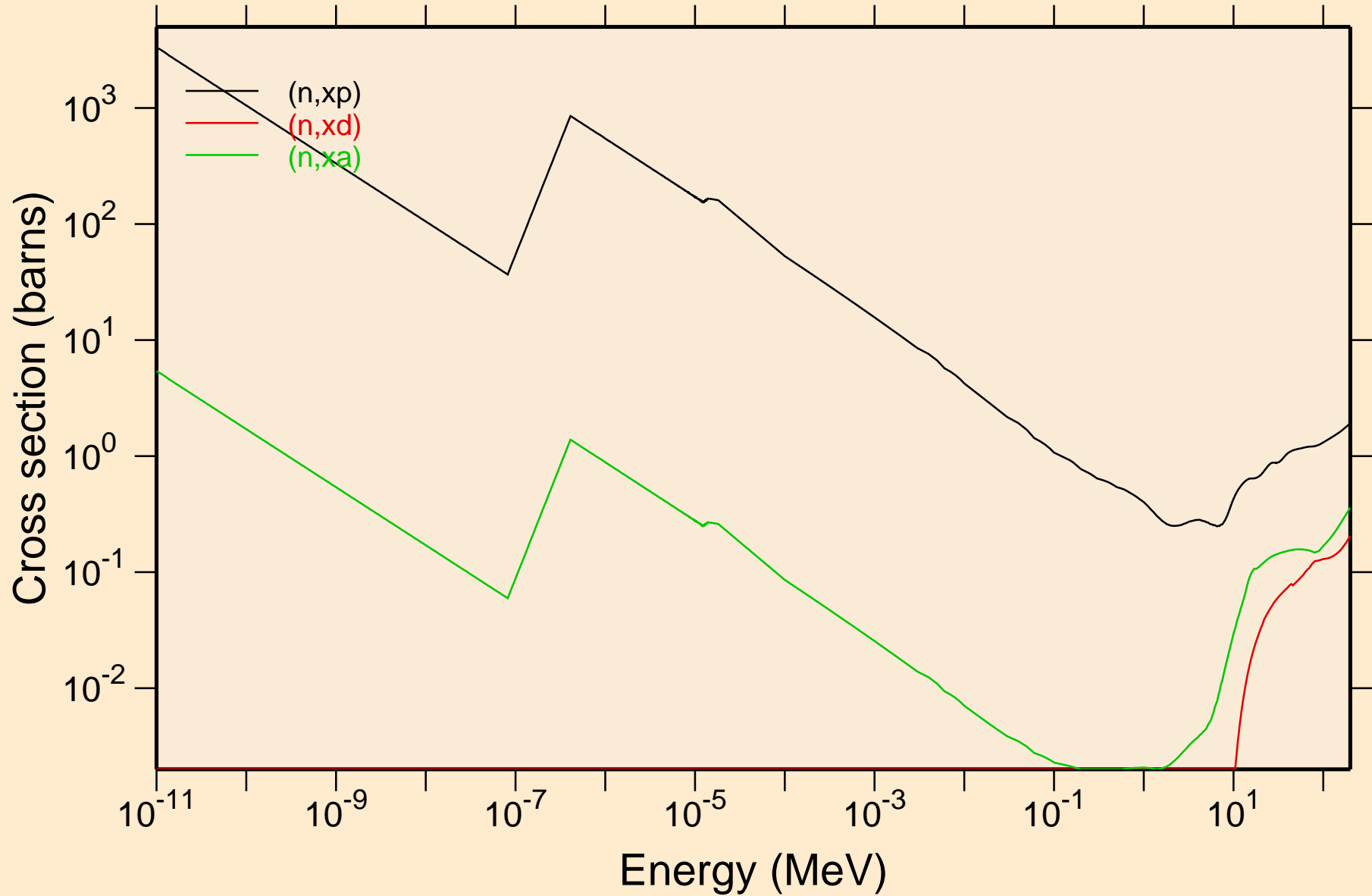


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

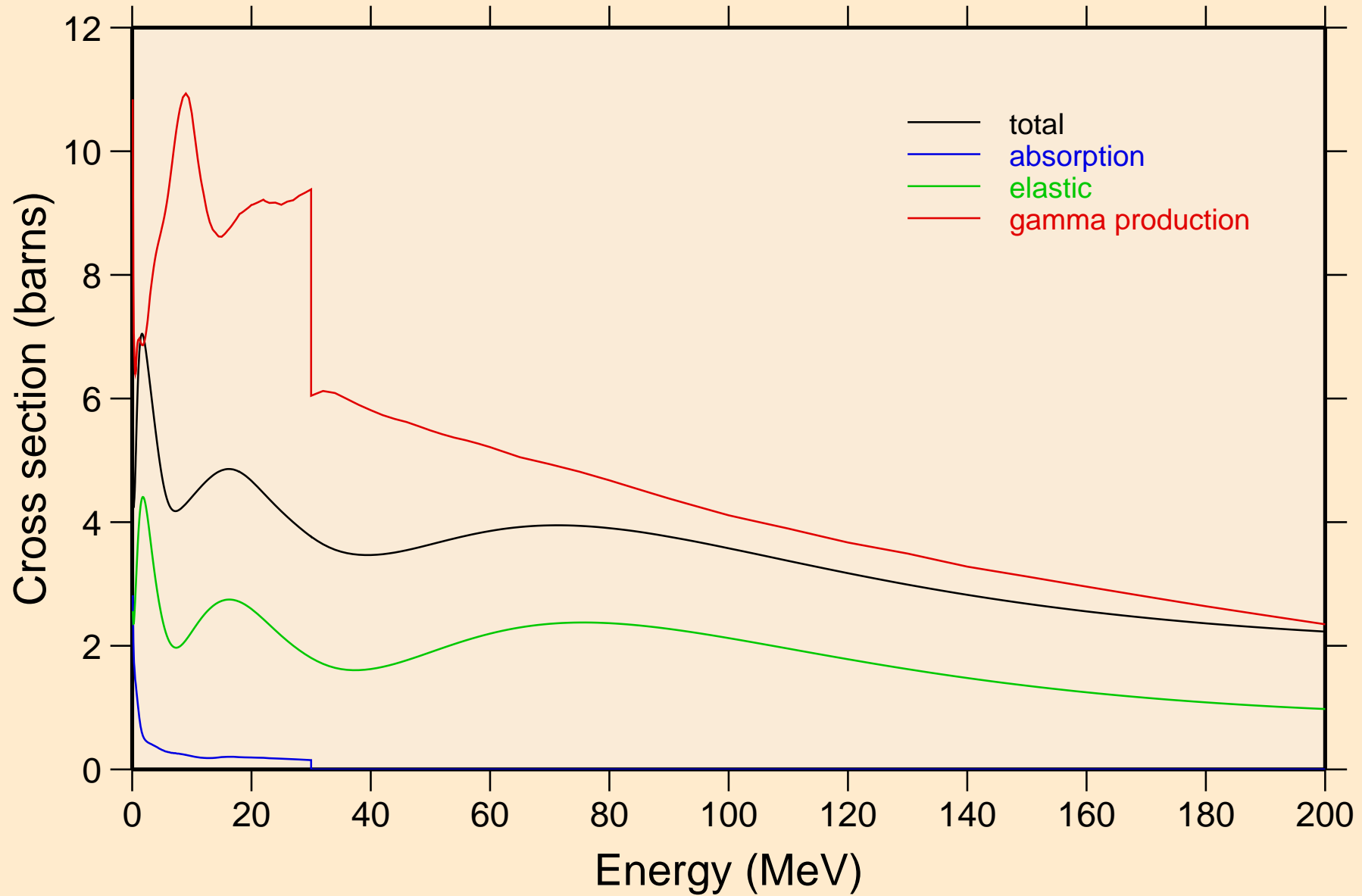


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

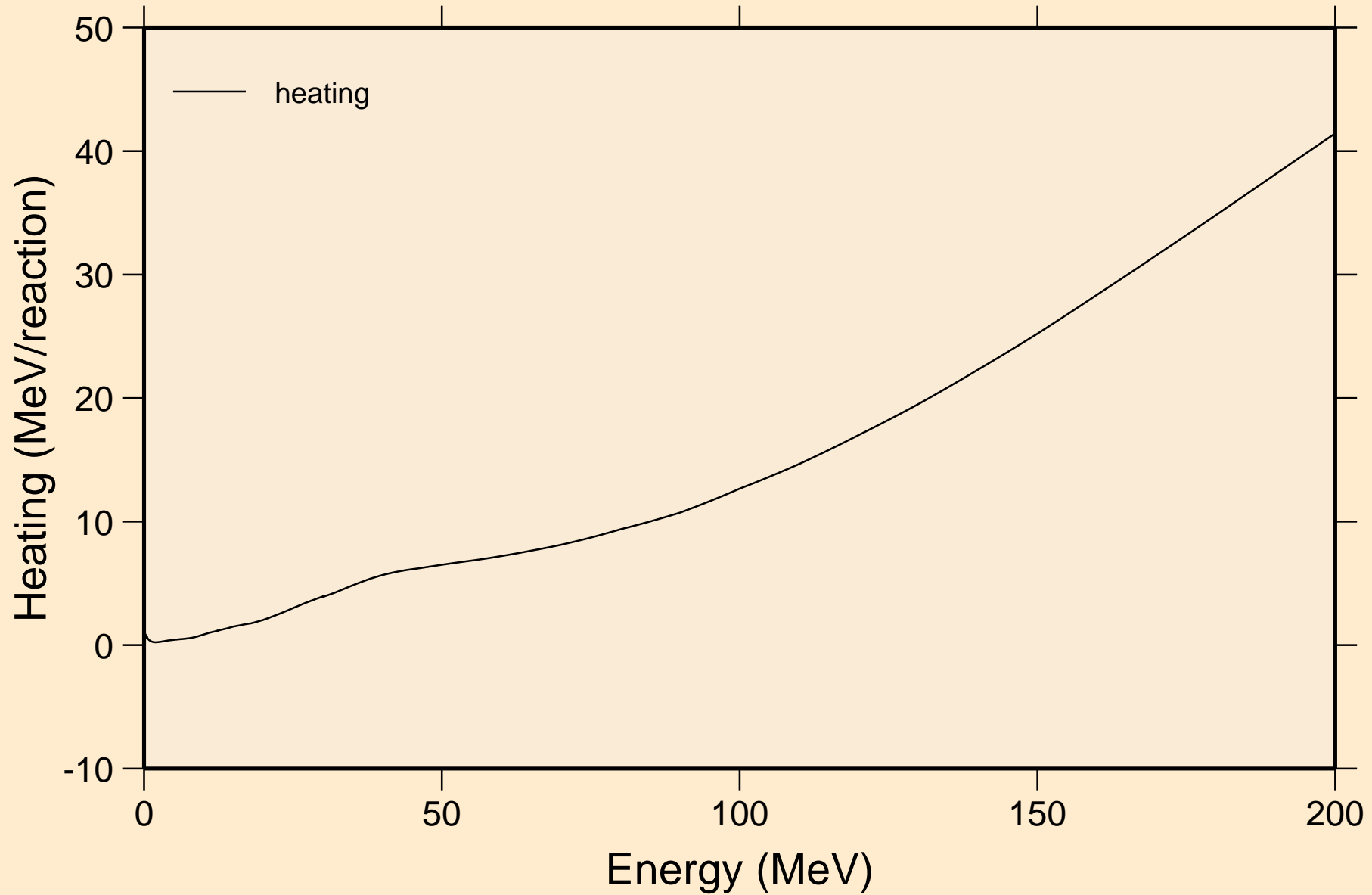


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



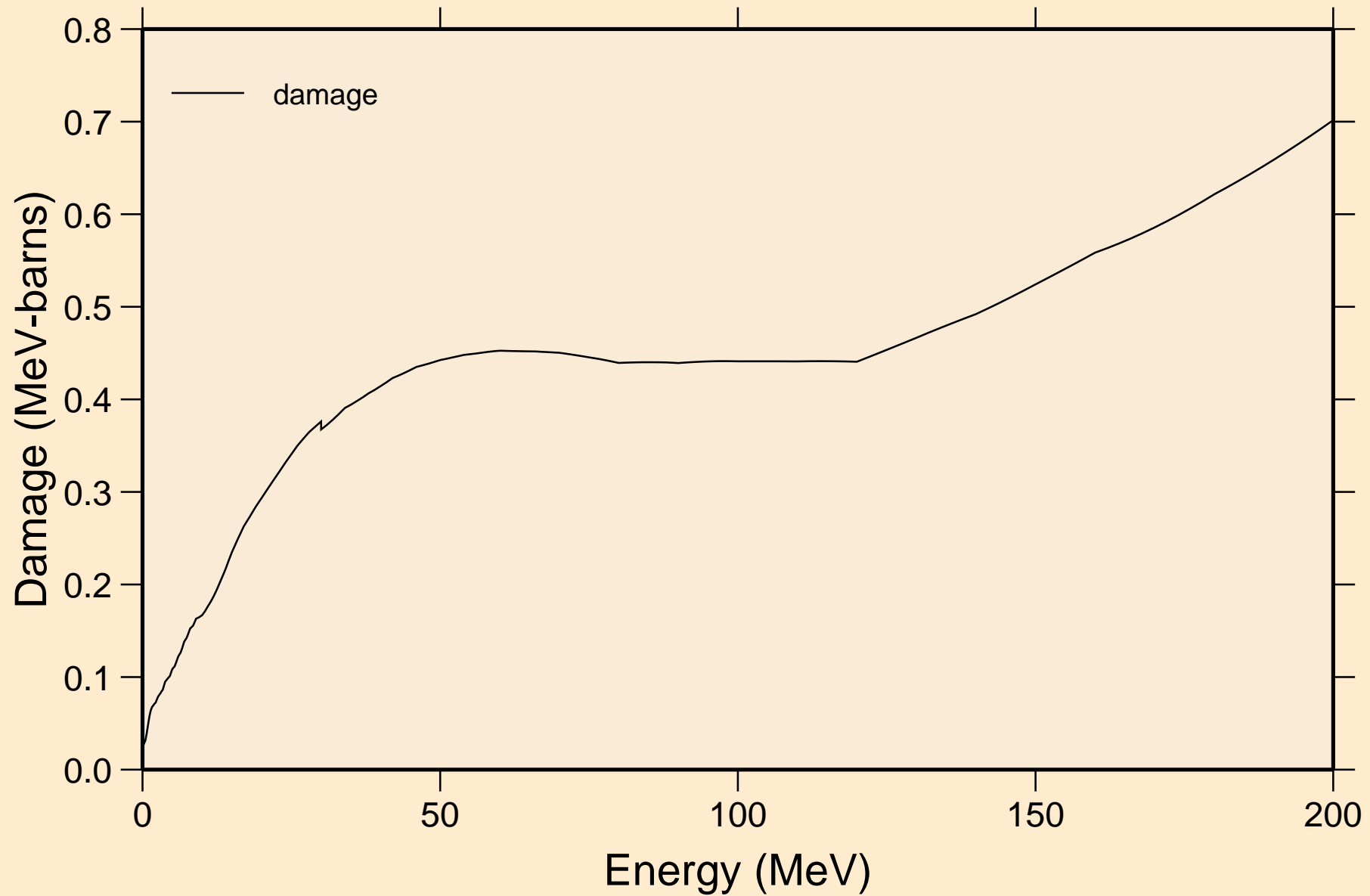
# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



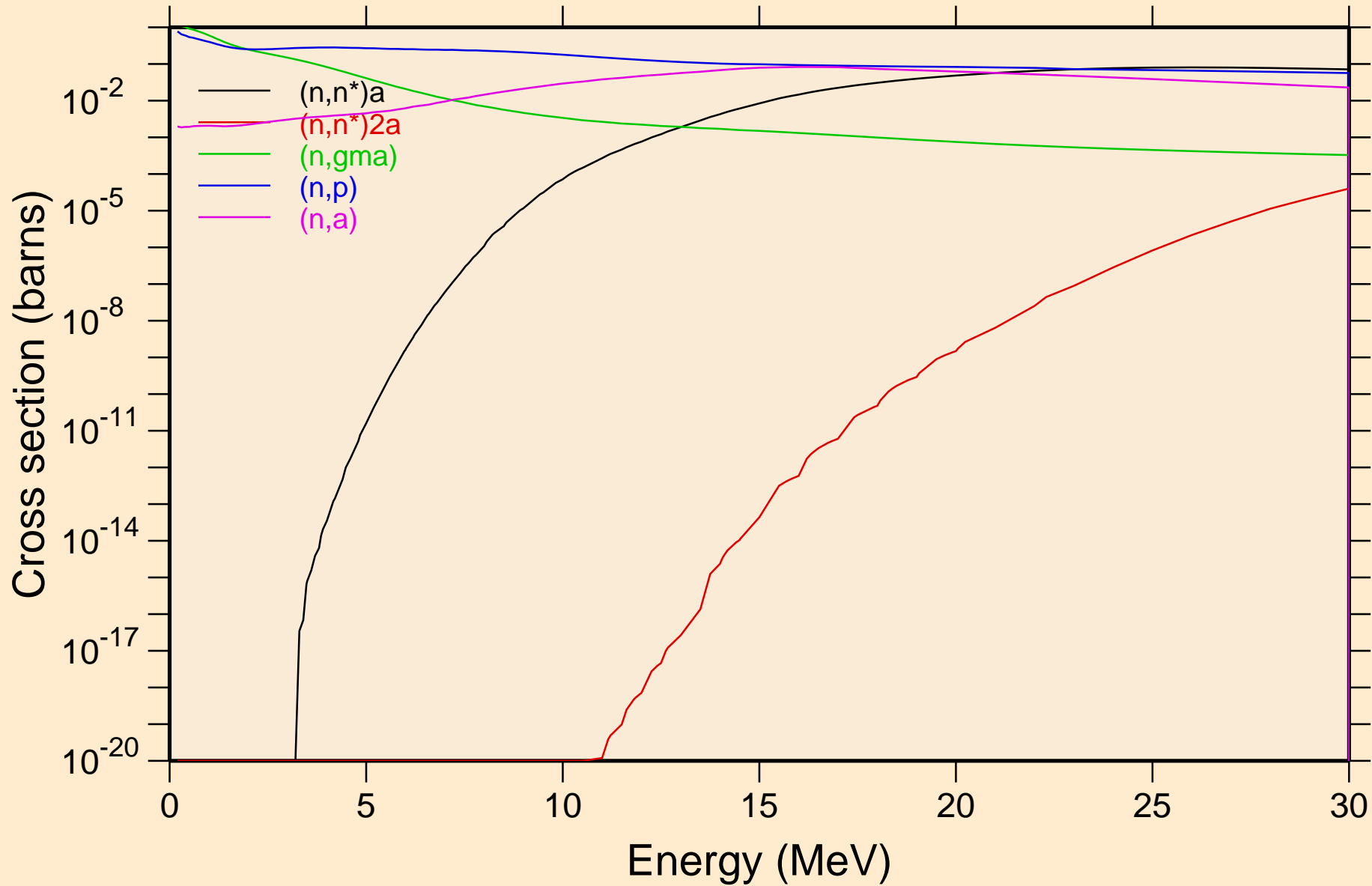


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

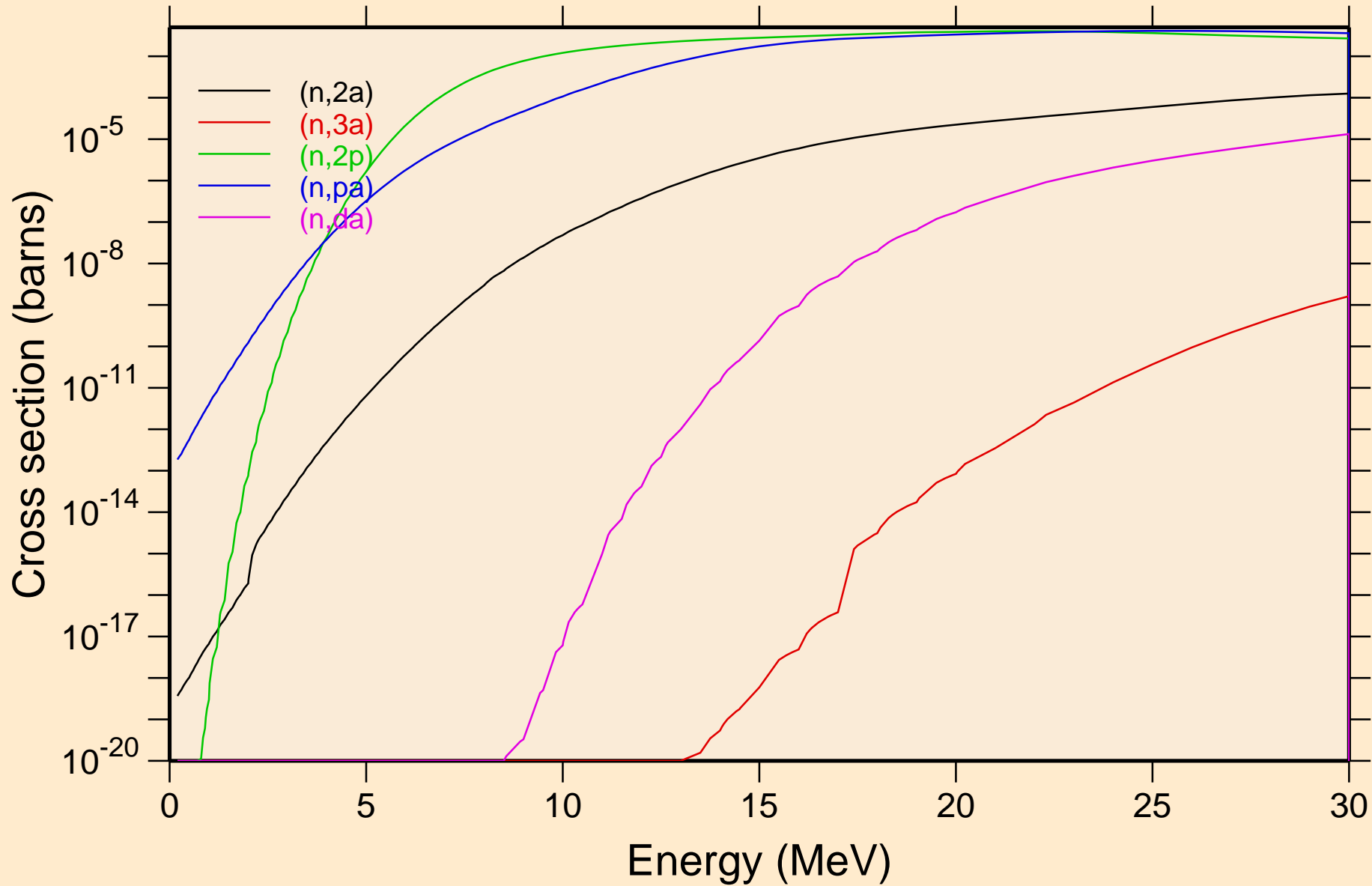


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

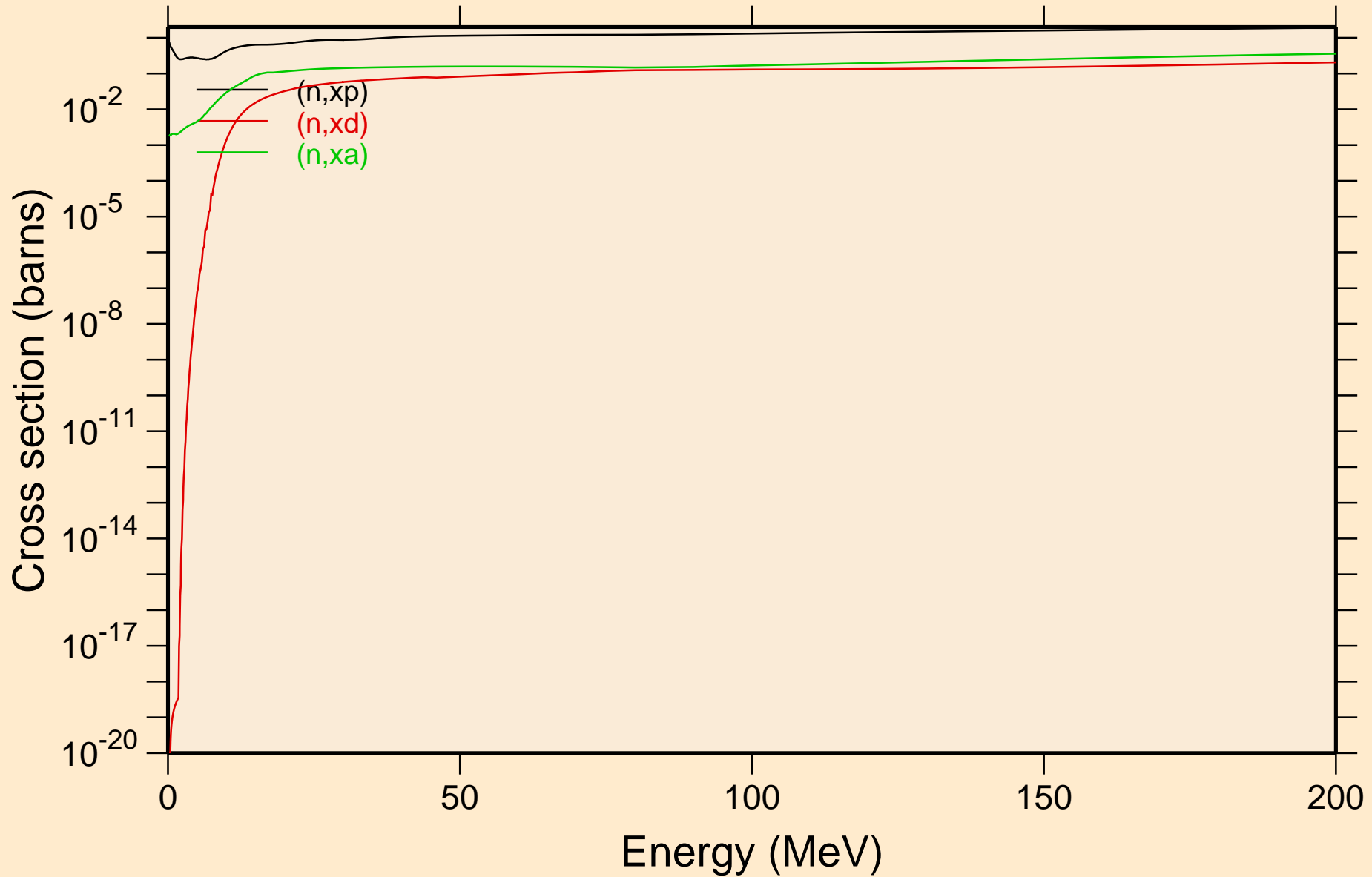


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

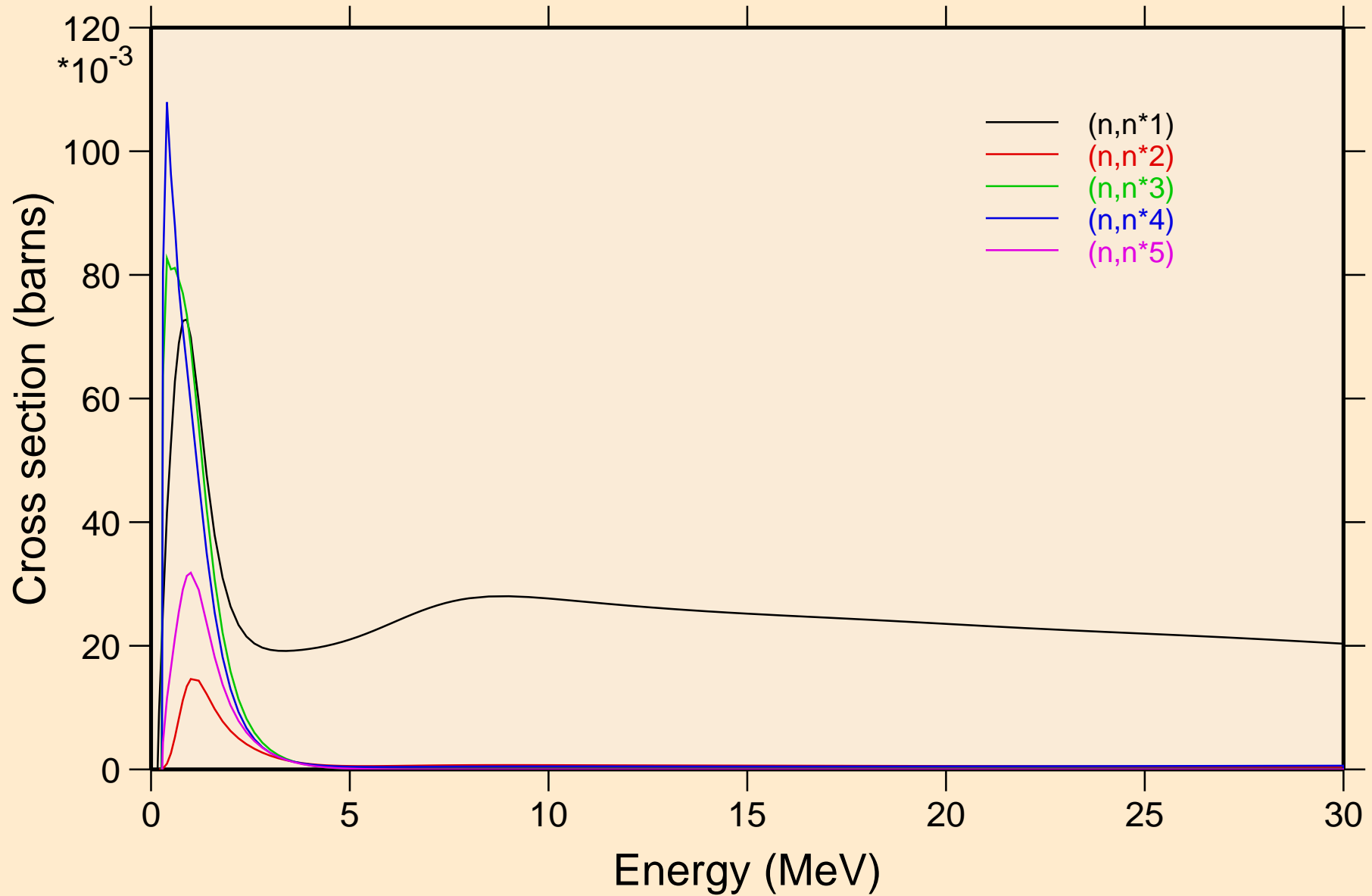


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

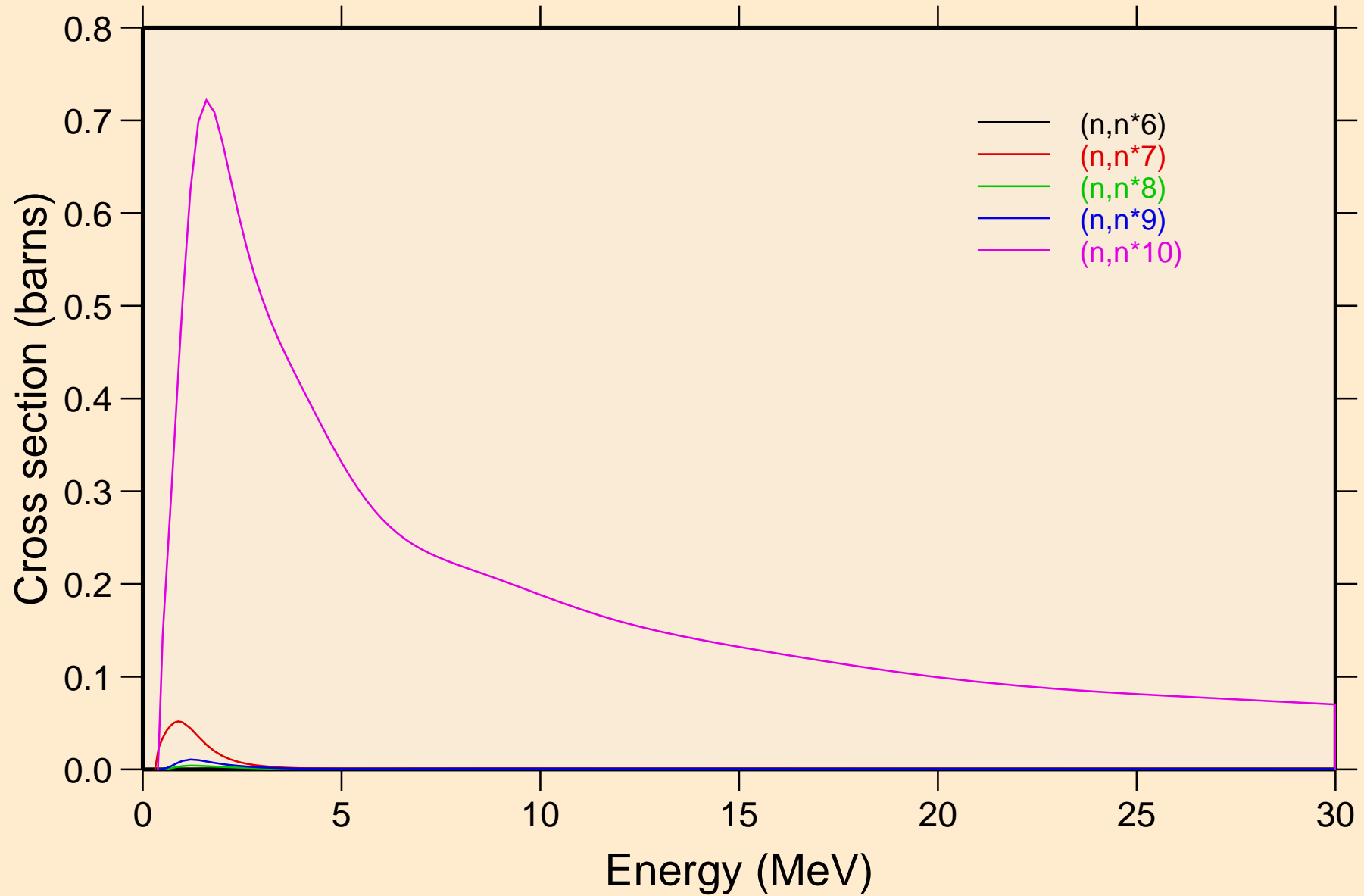
## Non-threshold reactions



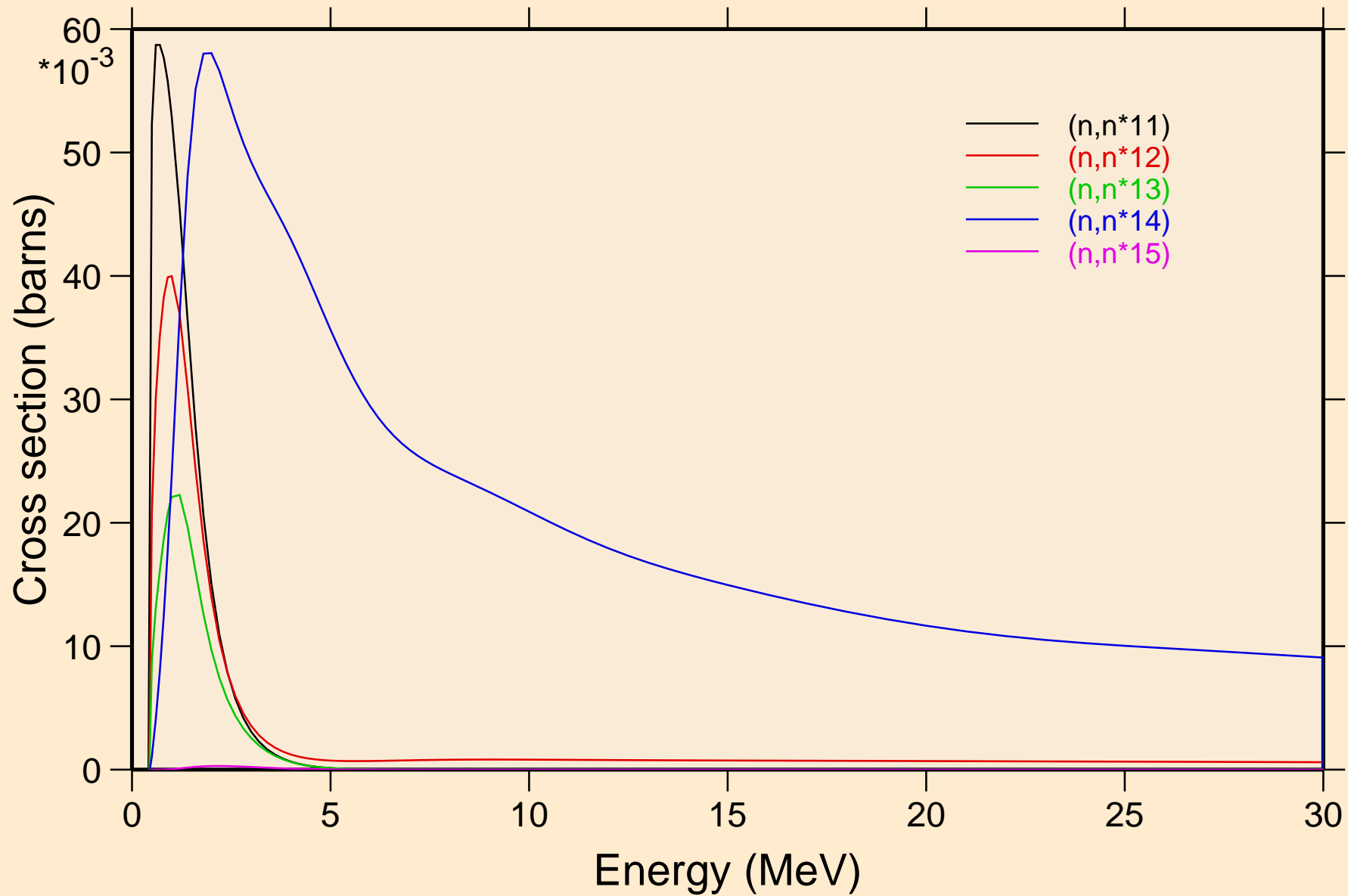
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



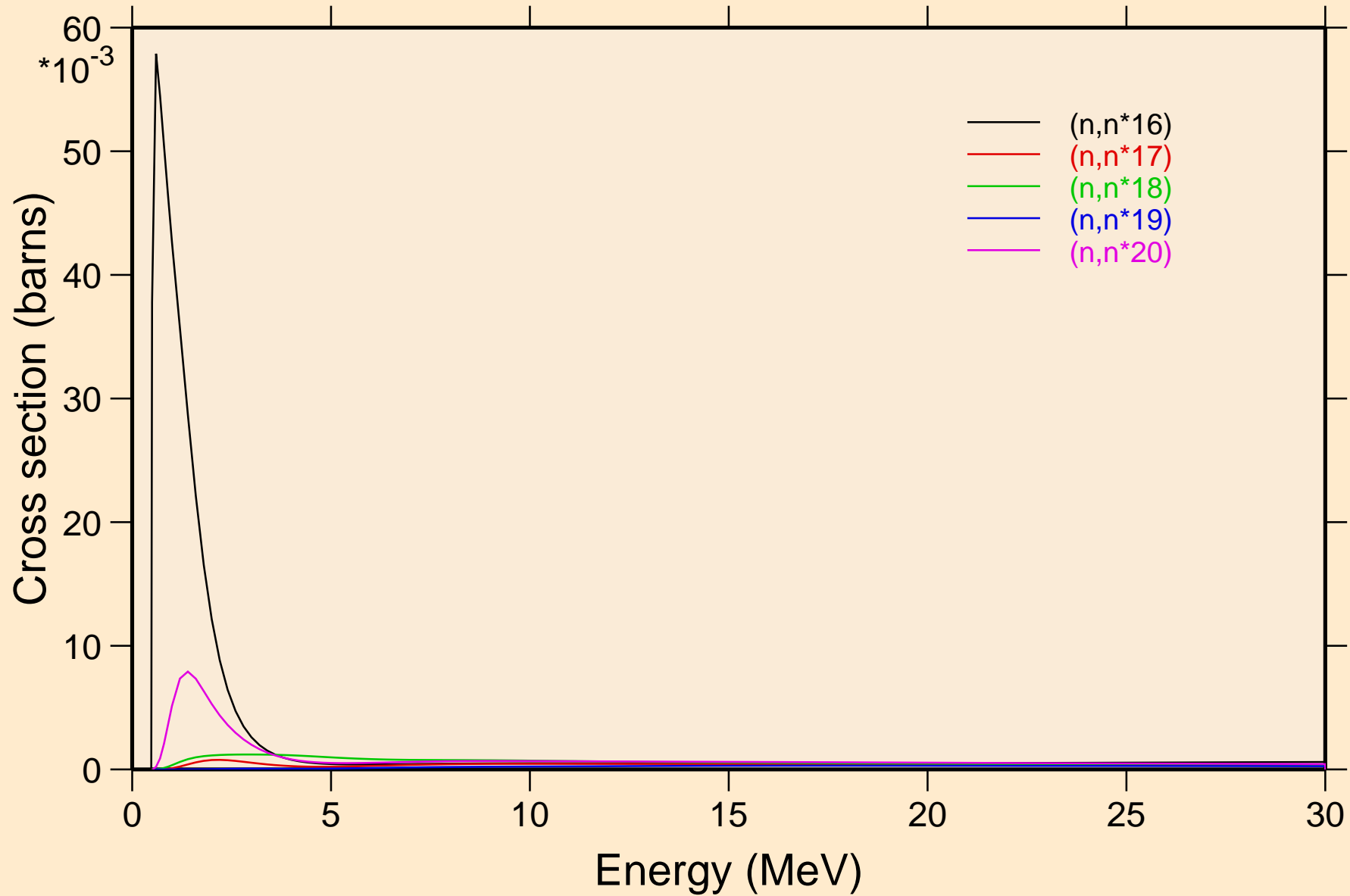
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

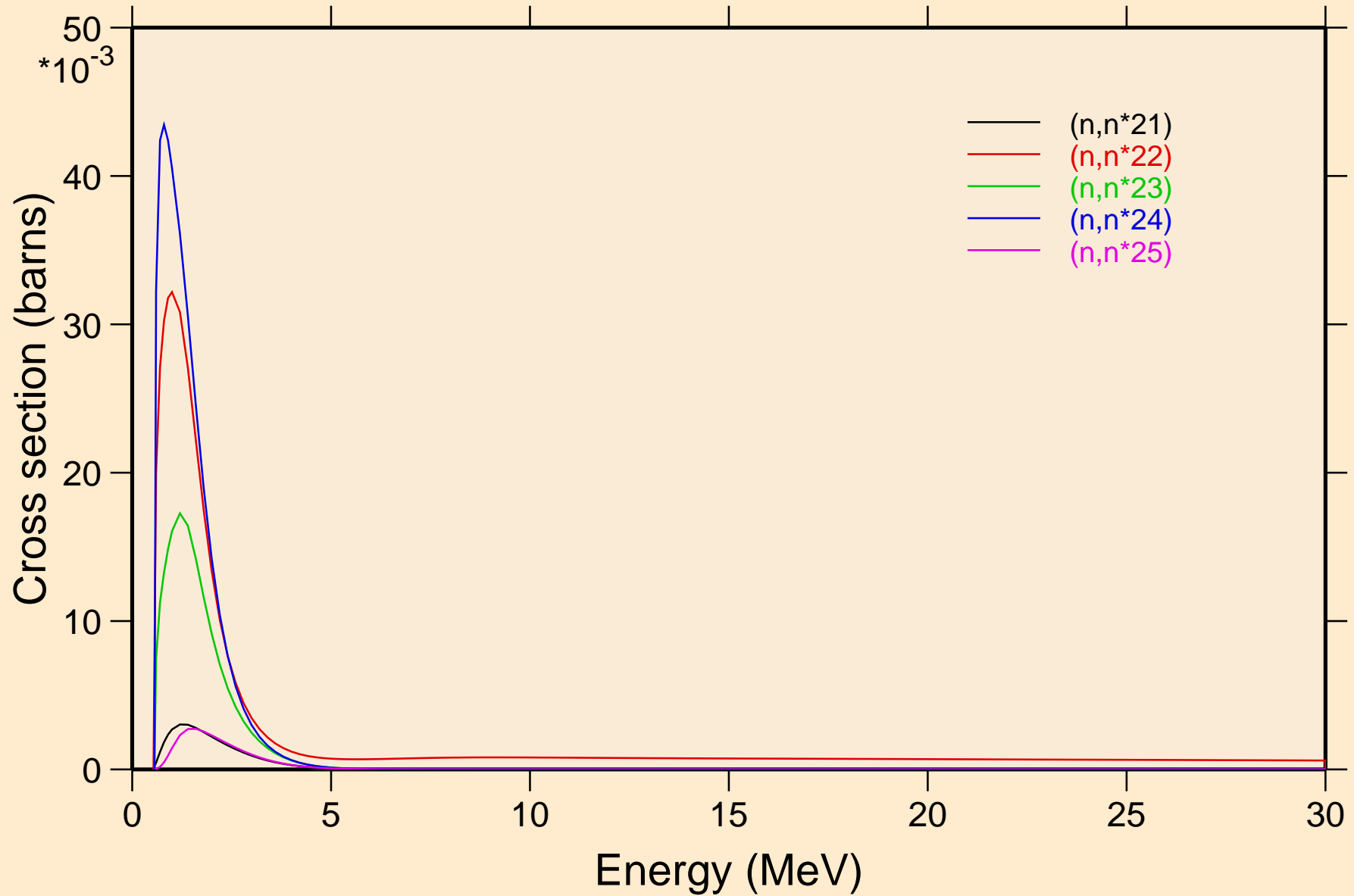


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

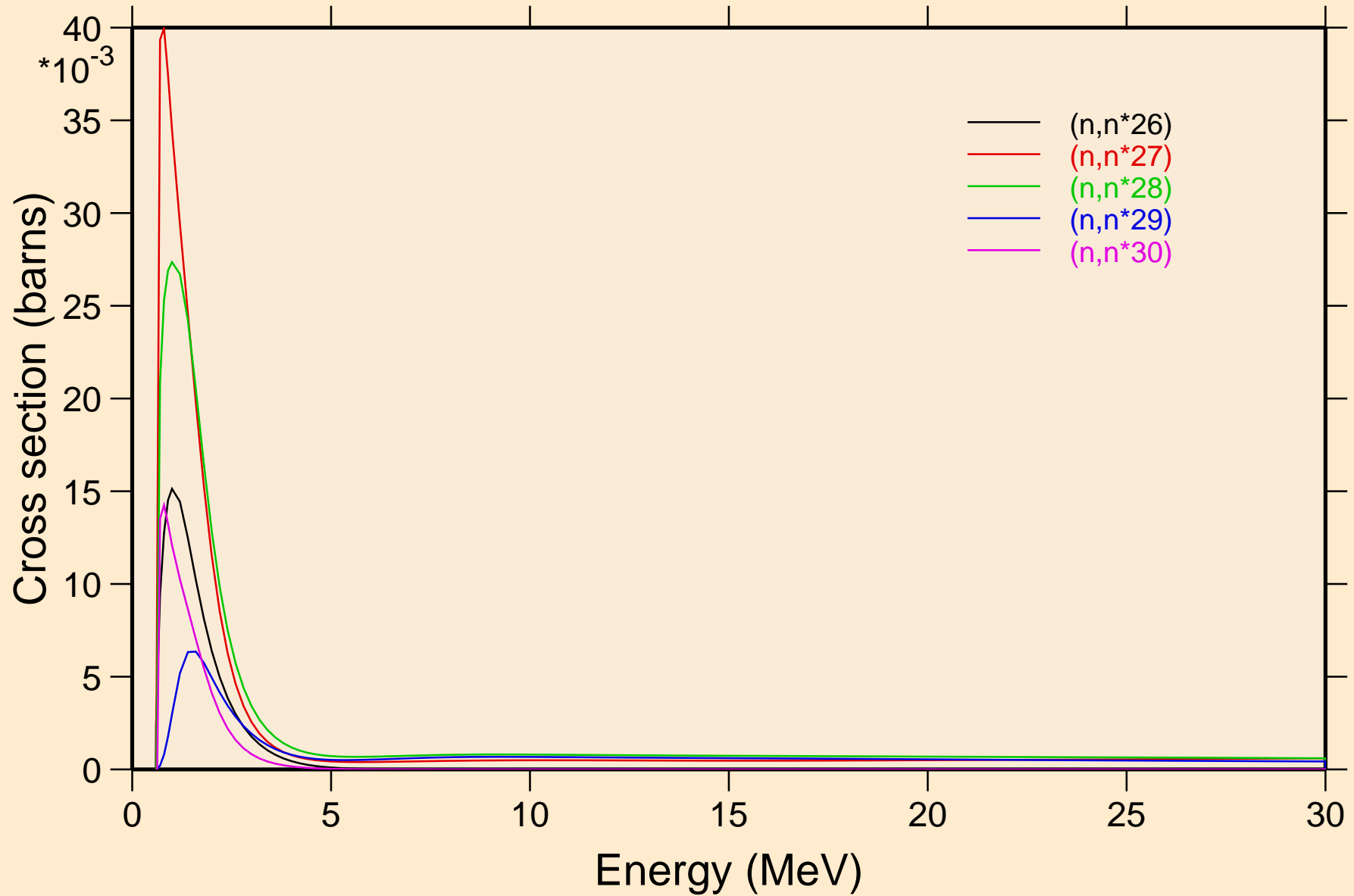




PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

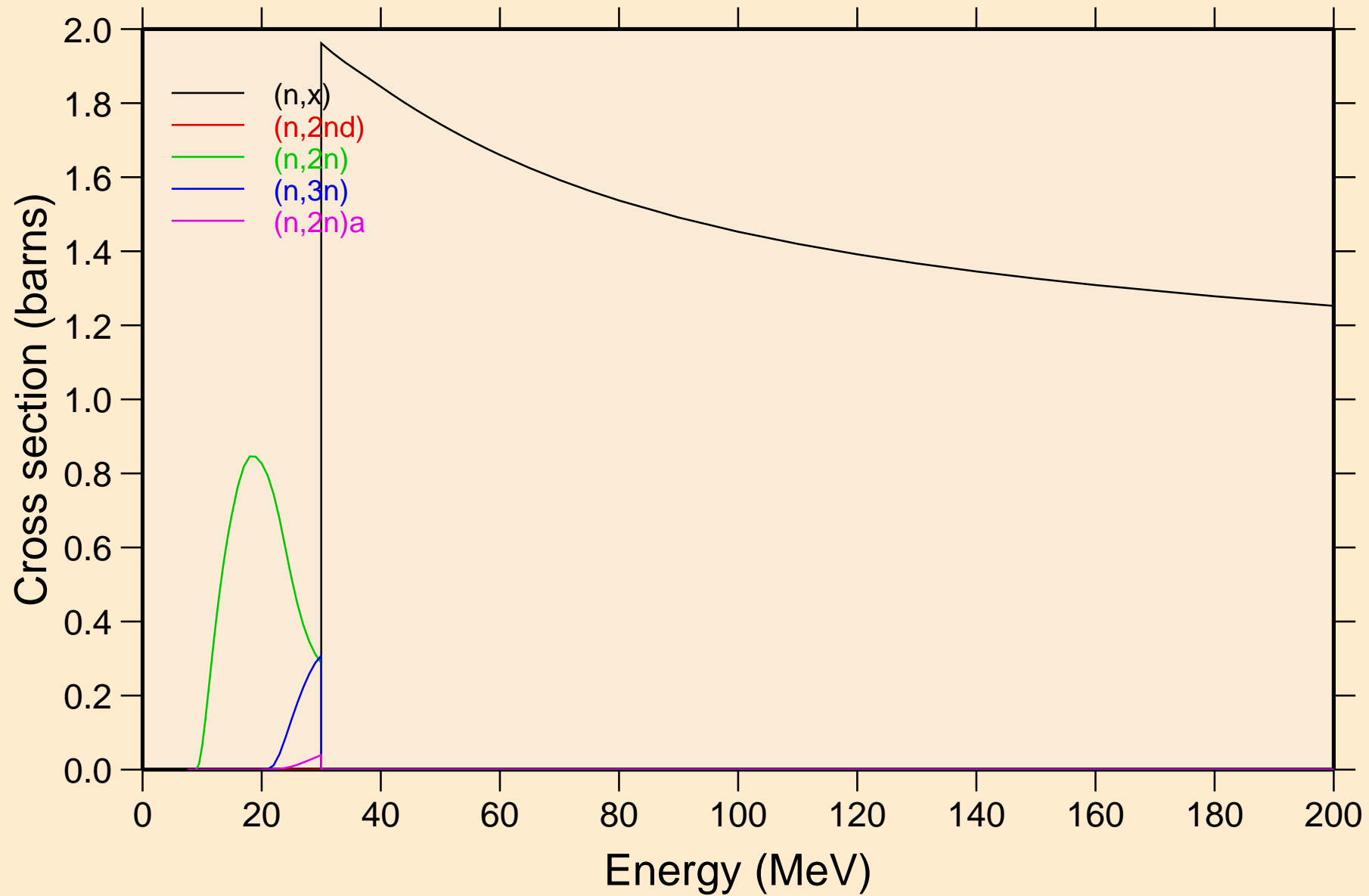


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

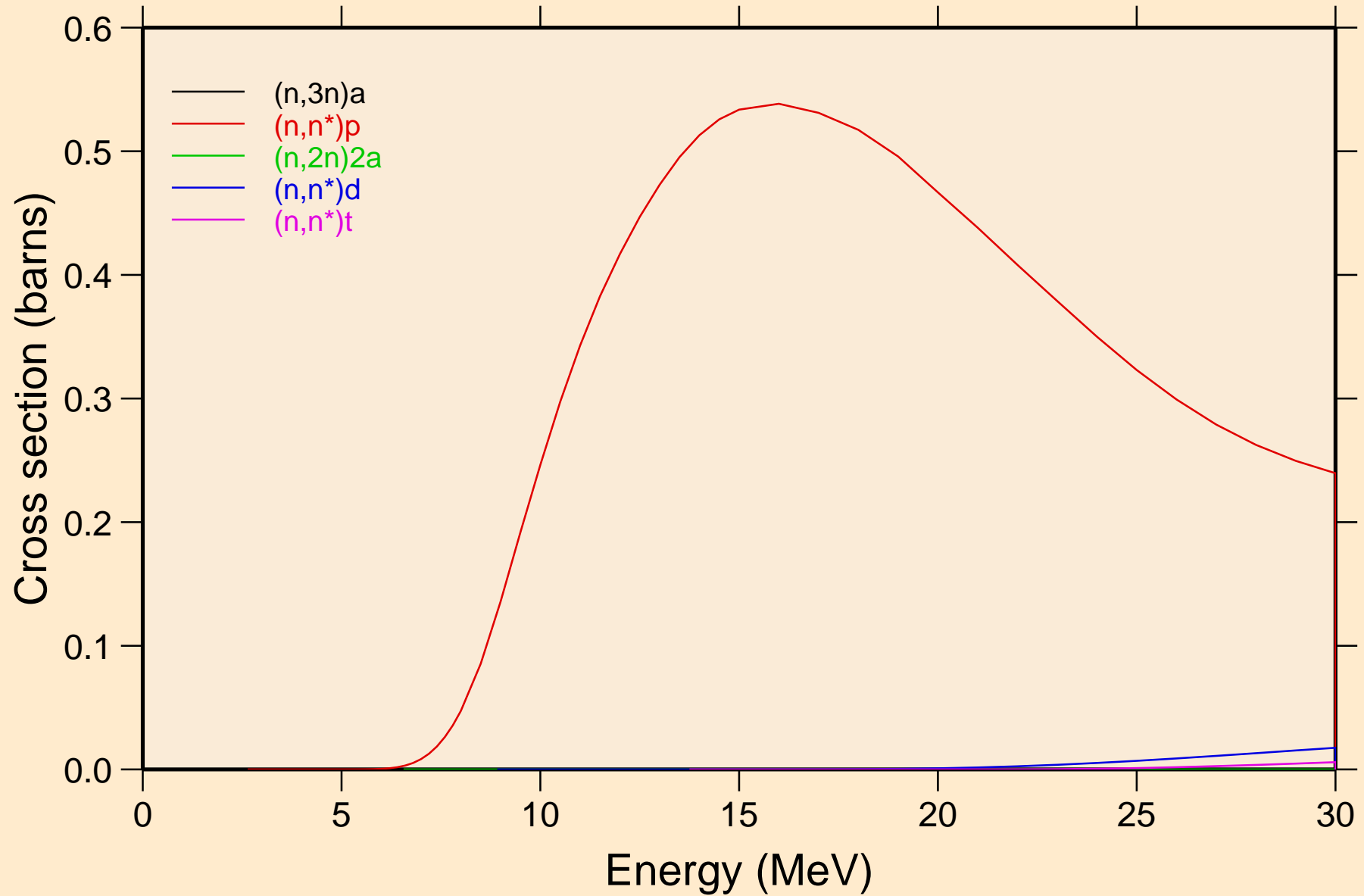


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

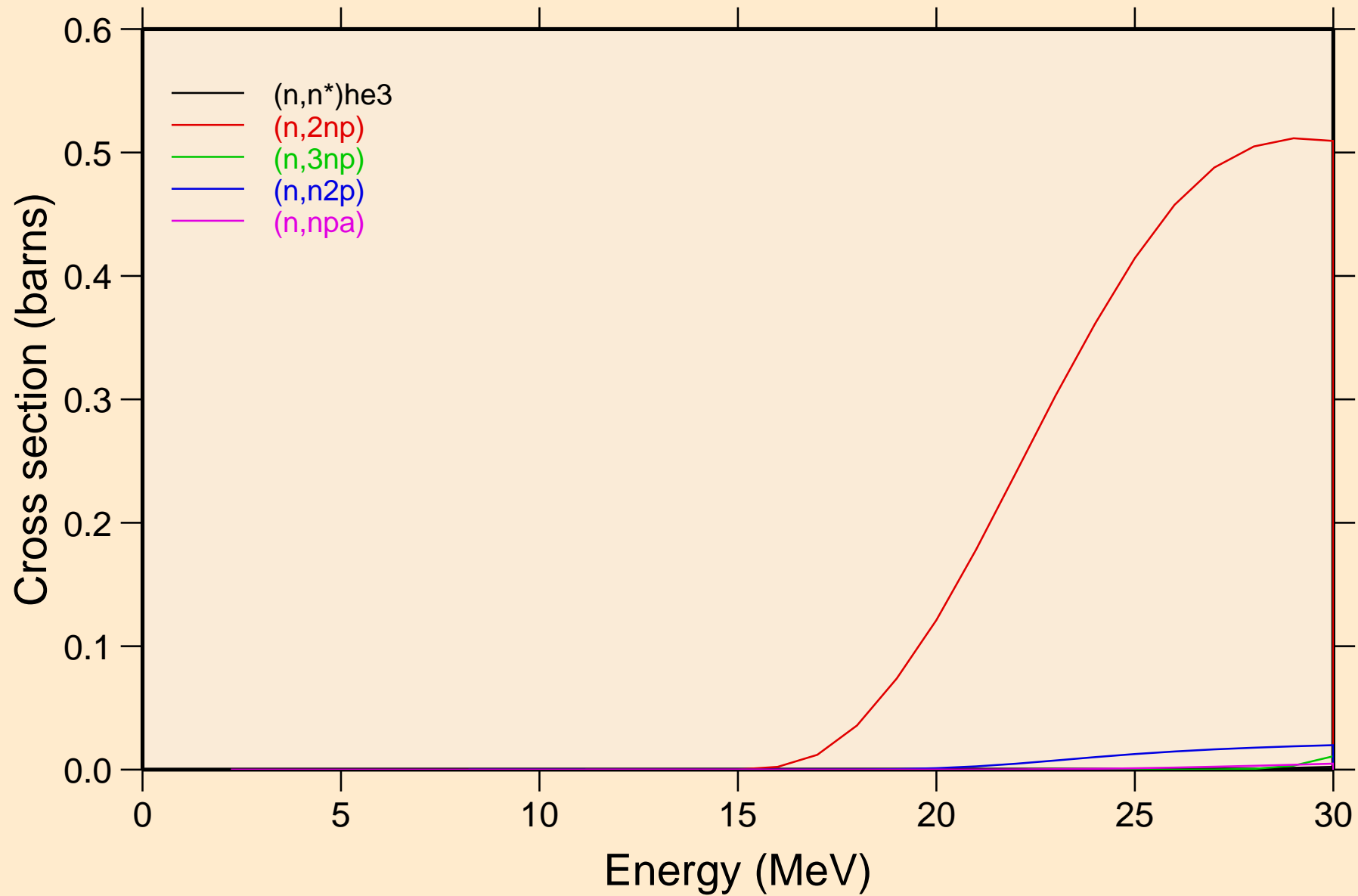
## Threshold reactions



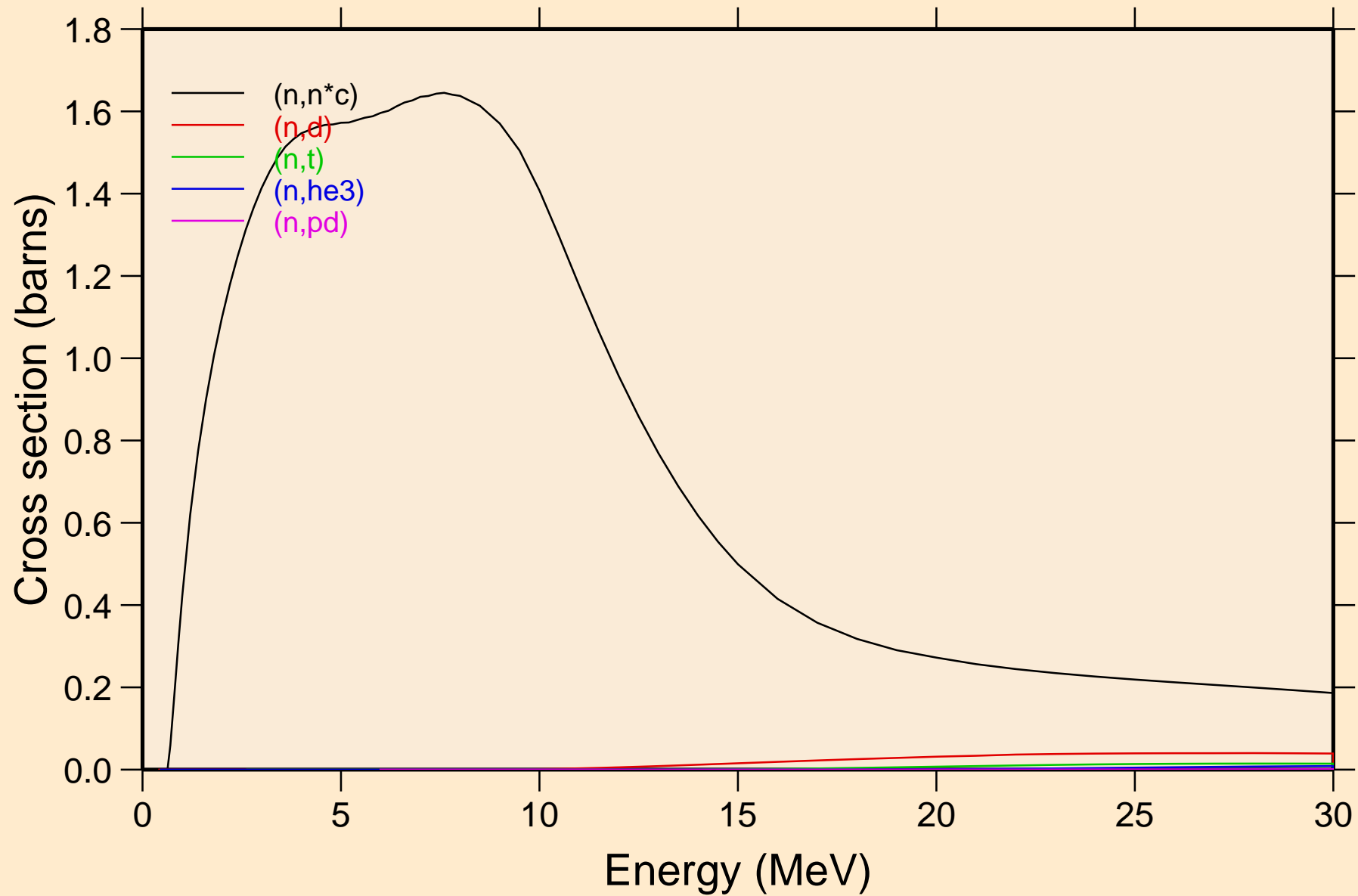
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



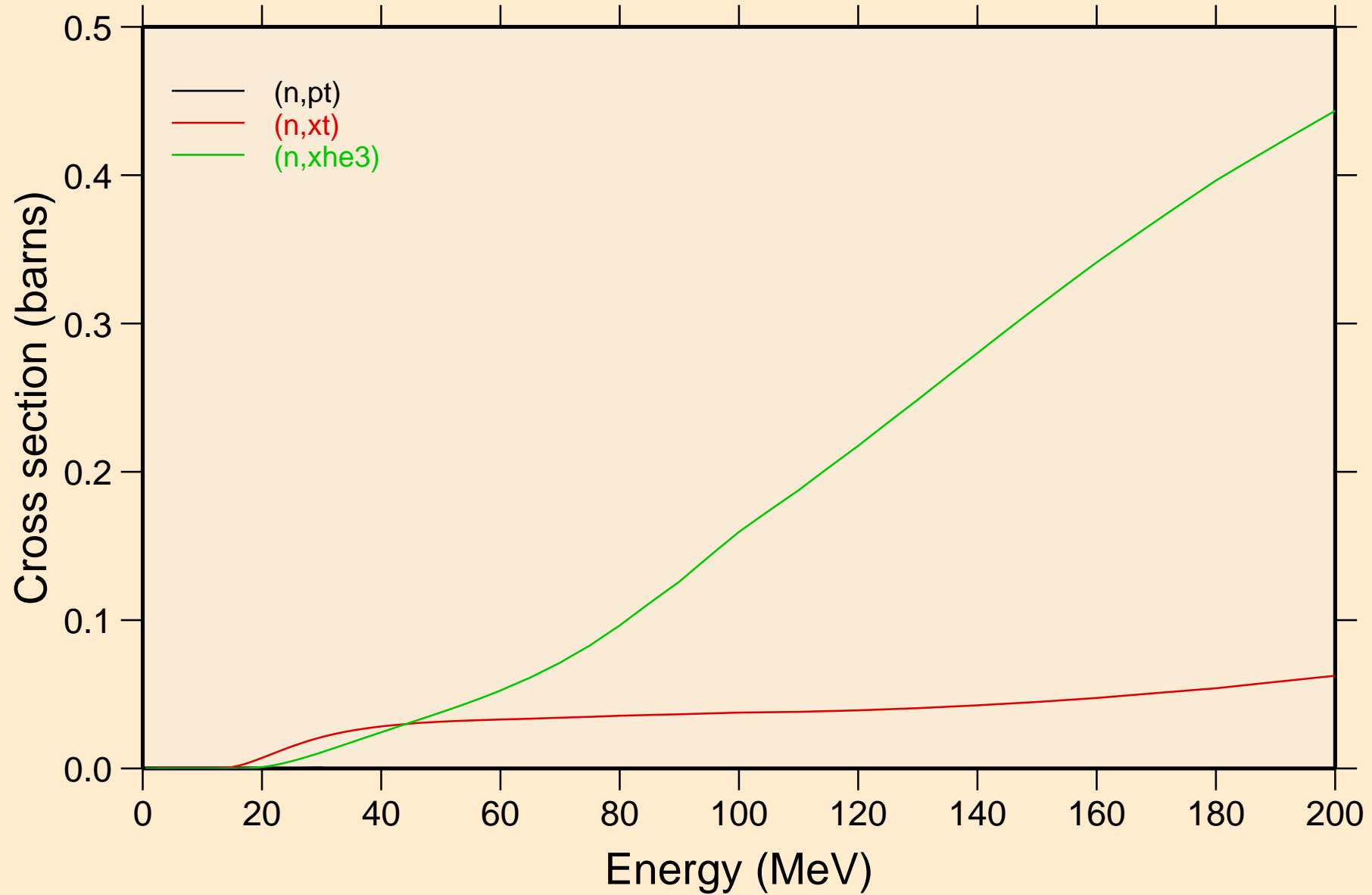
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



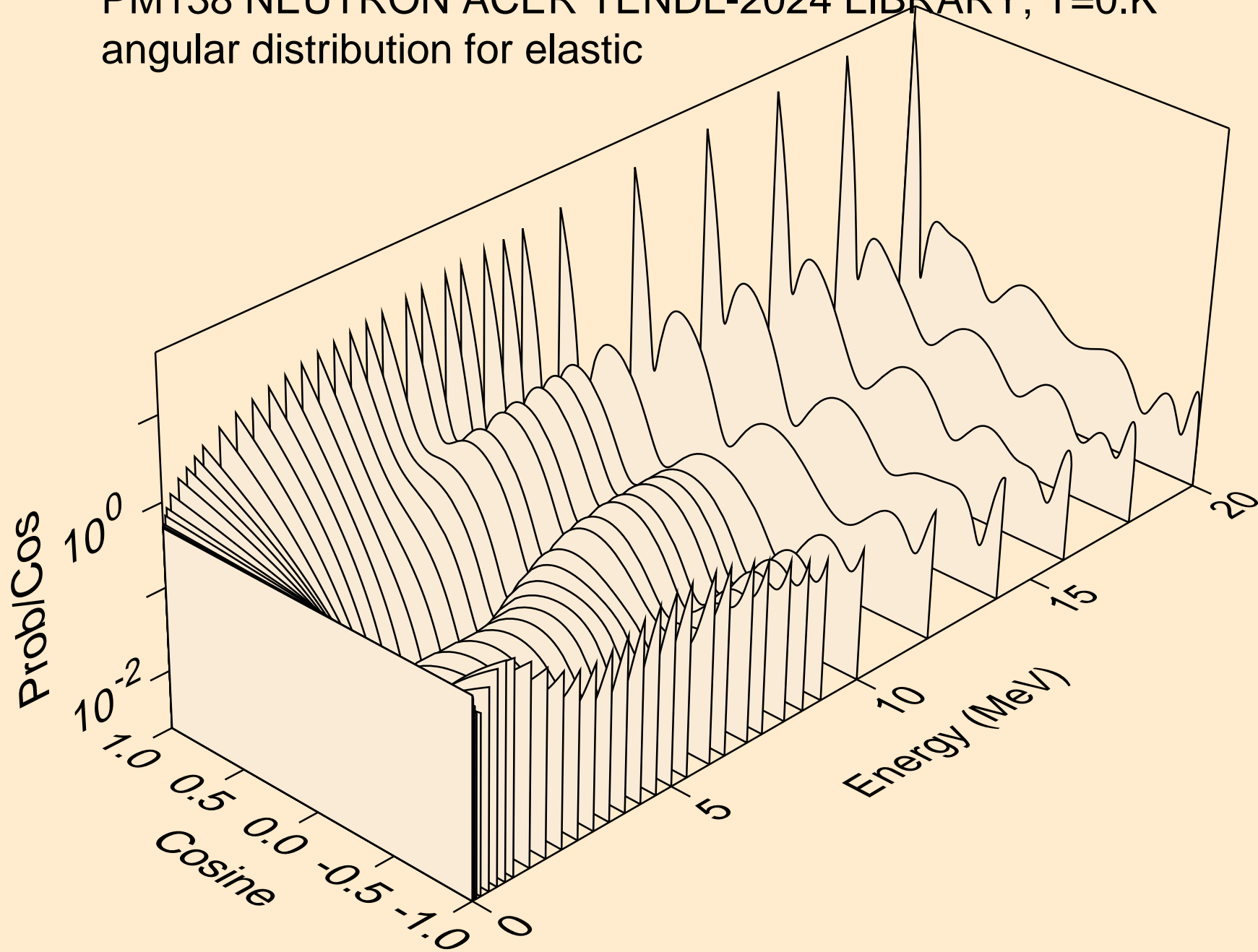
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

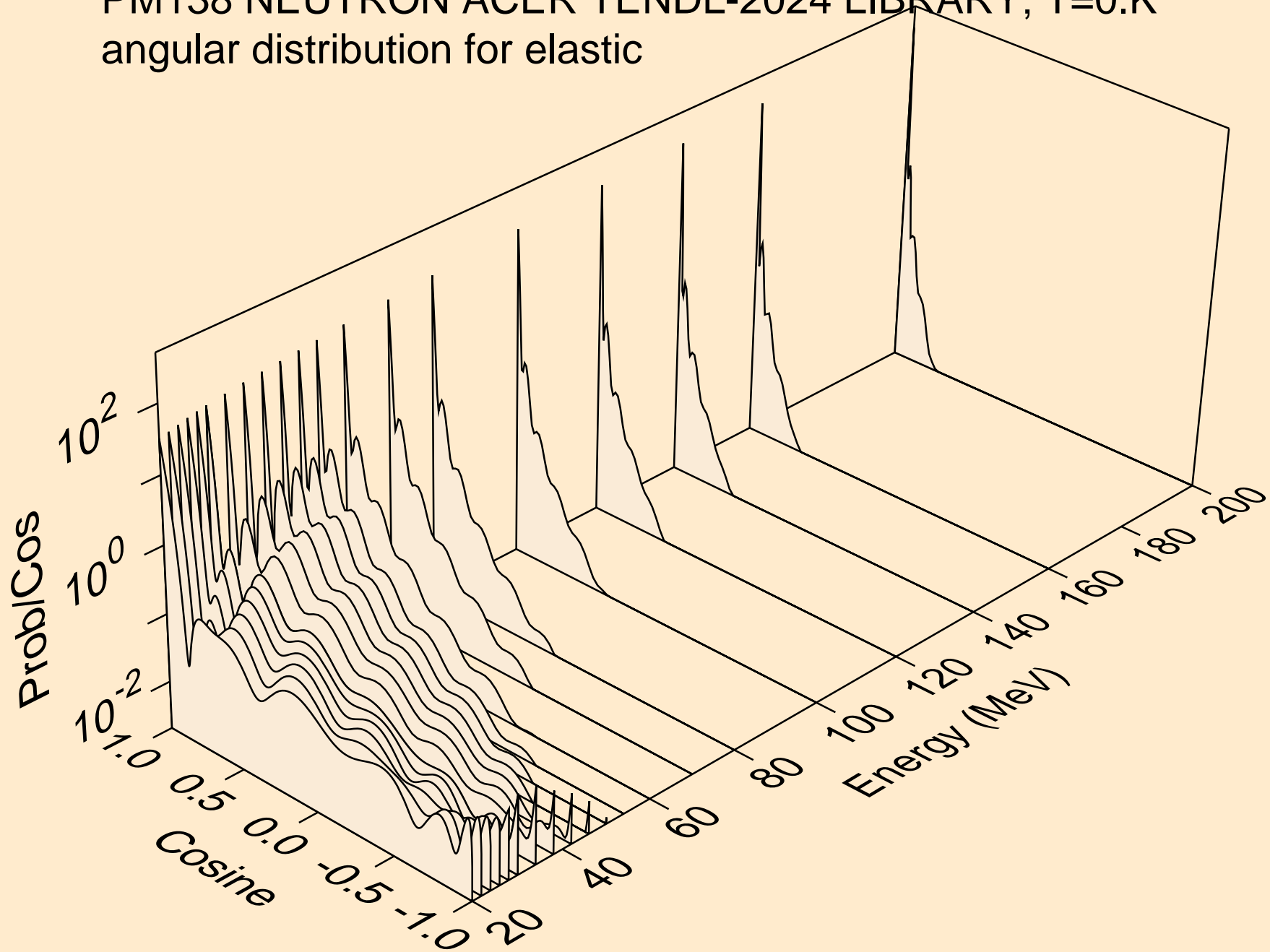


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

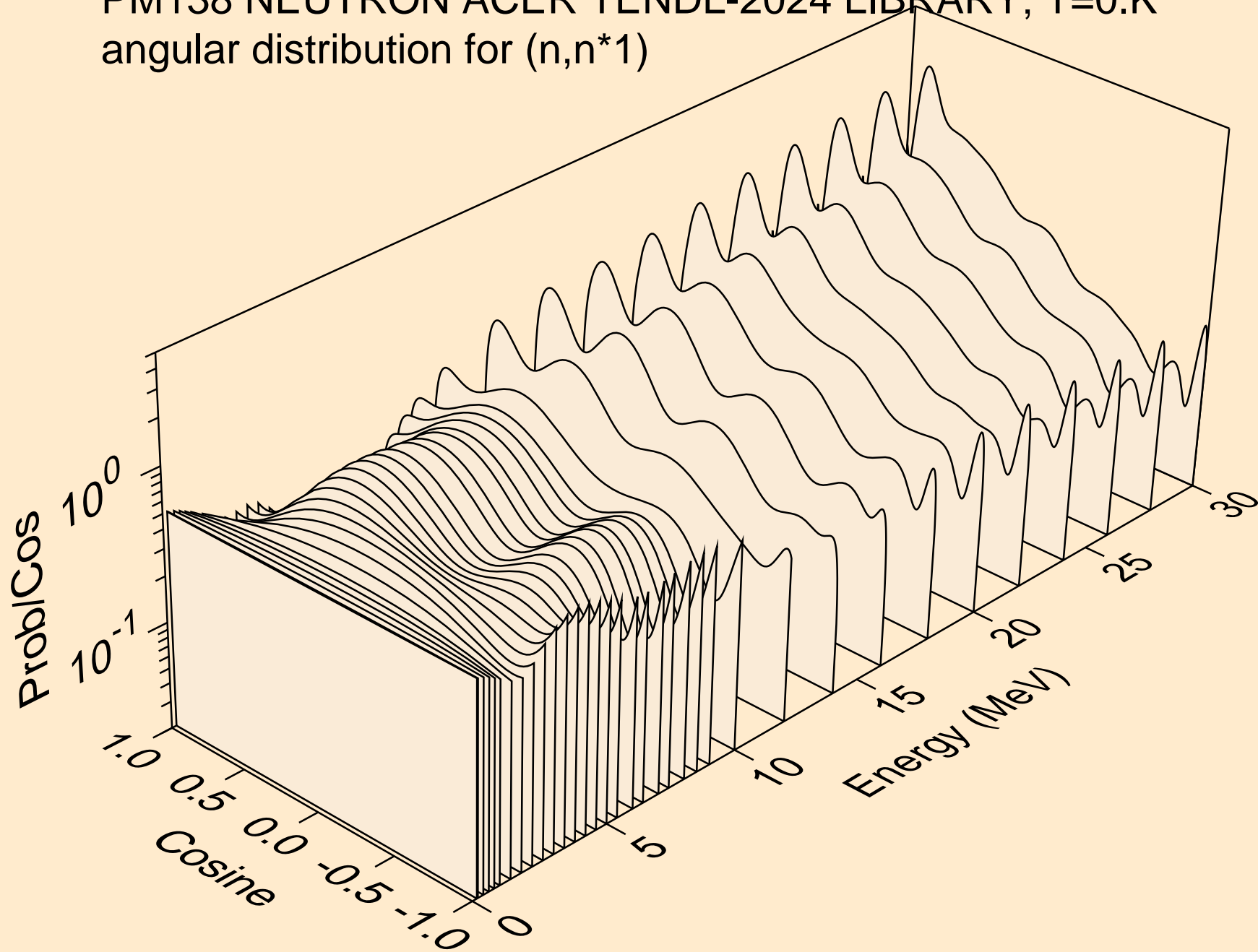




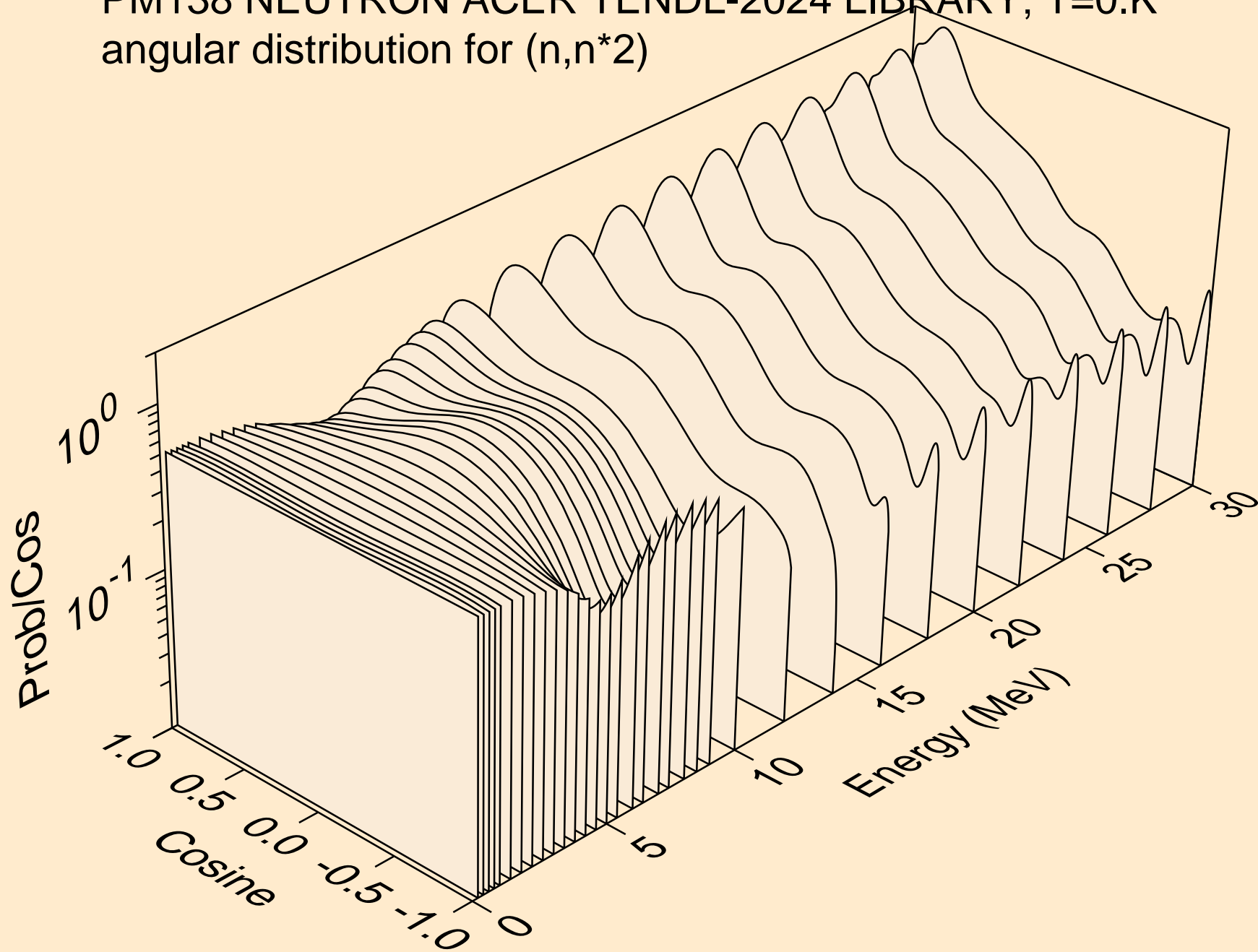
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



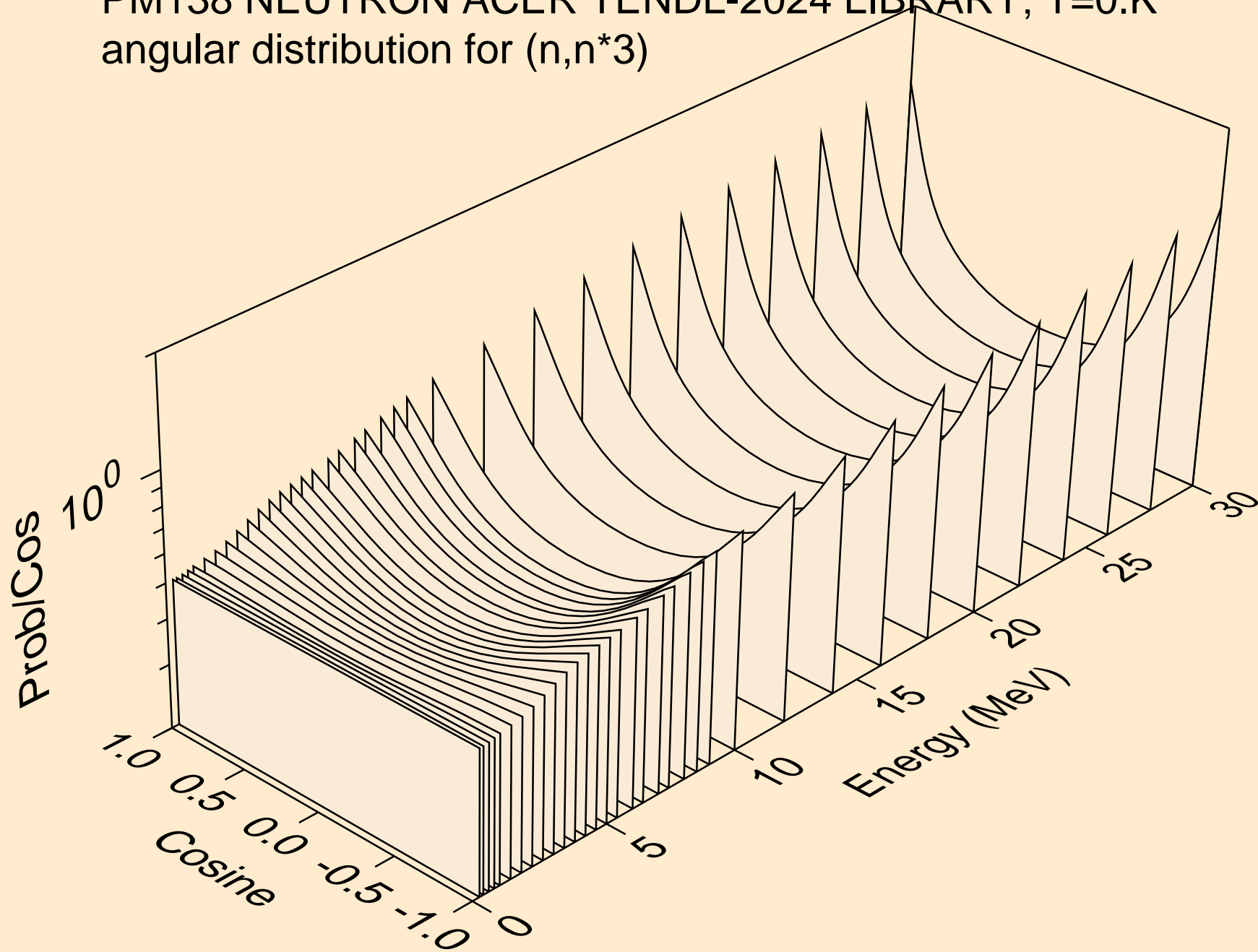
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



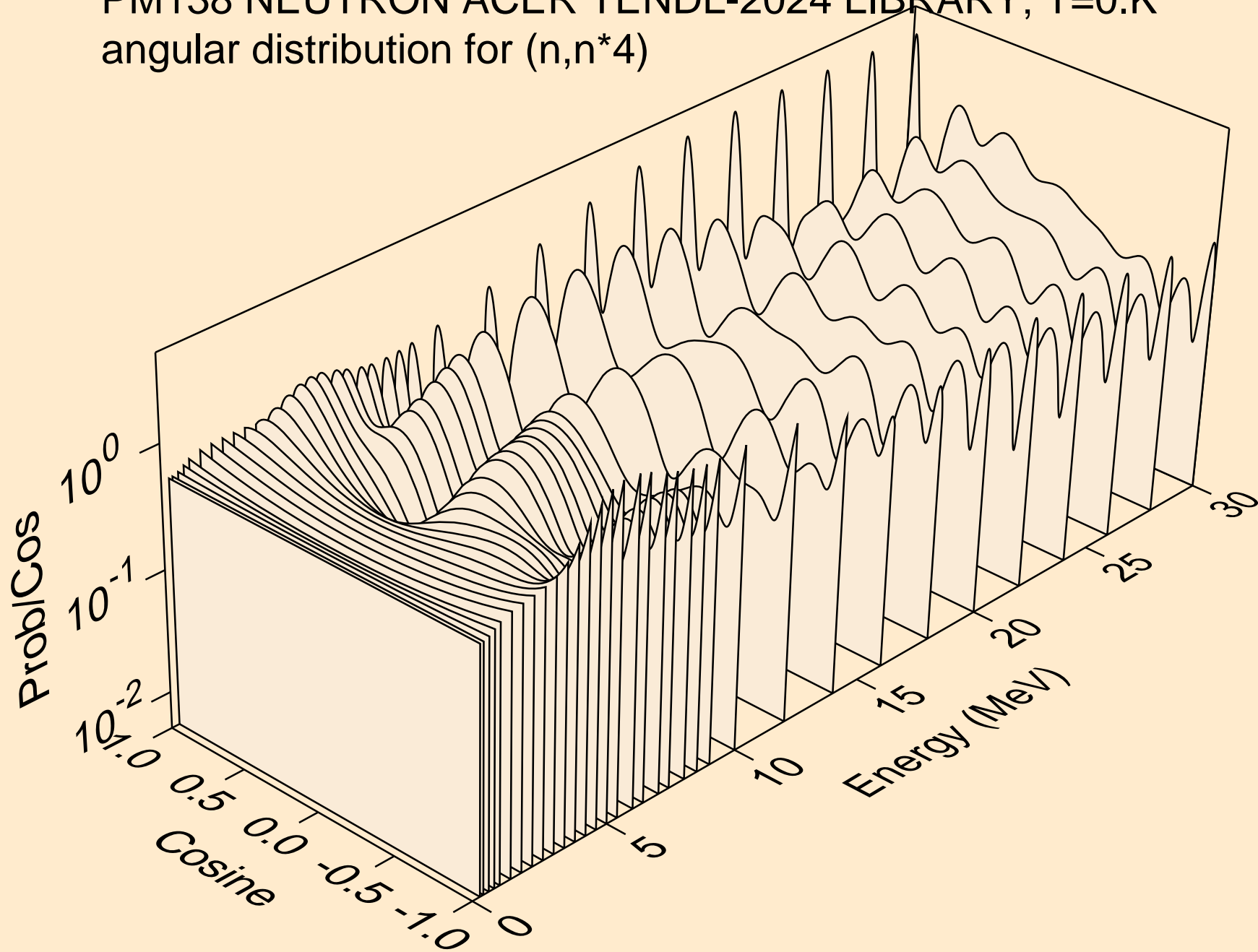
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



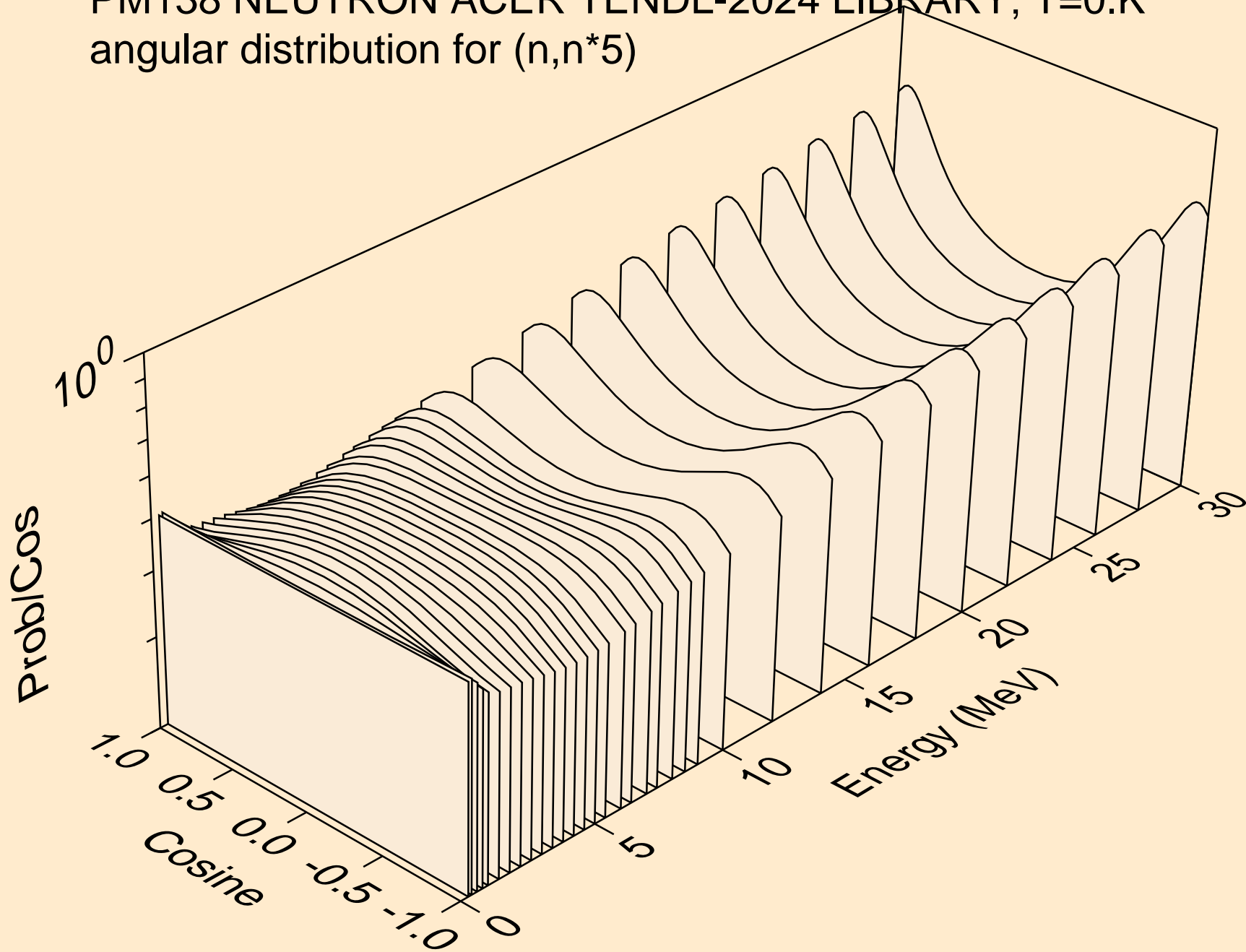
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



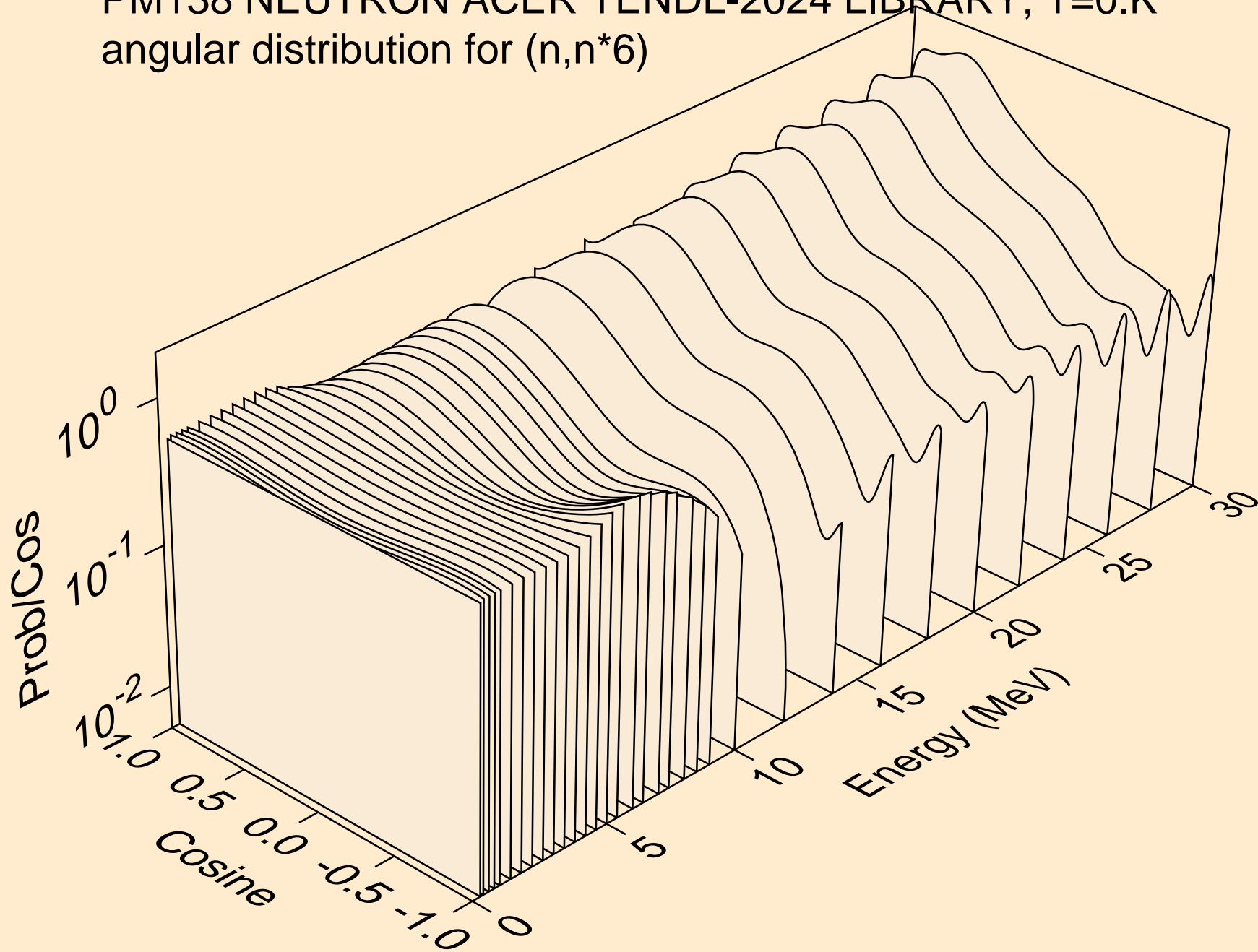
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



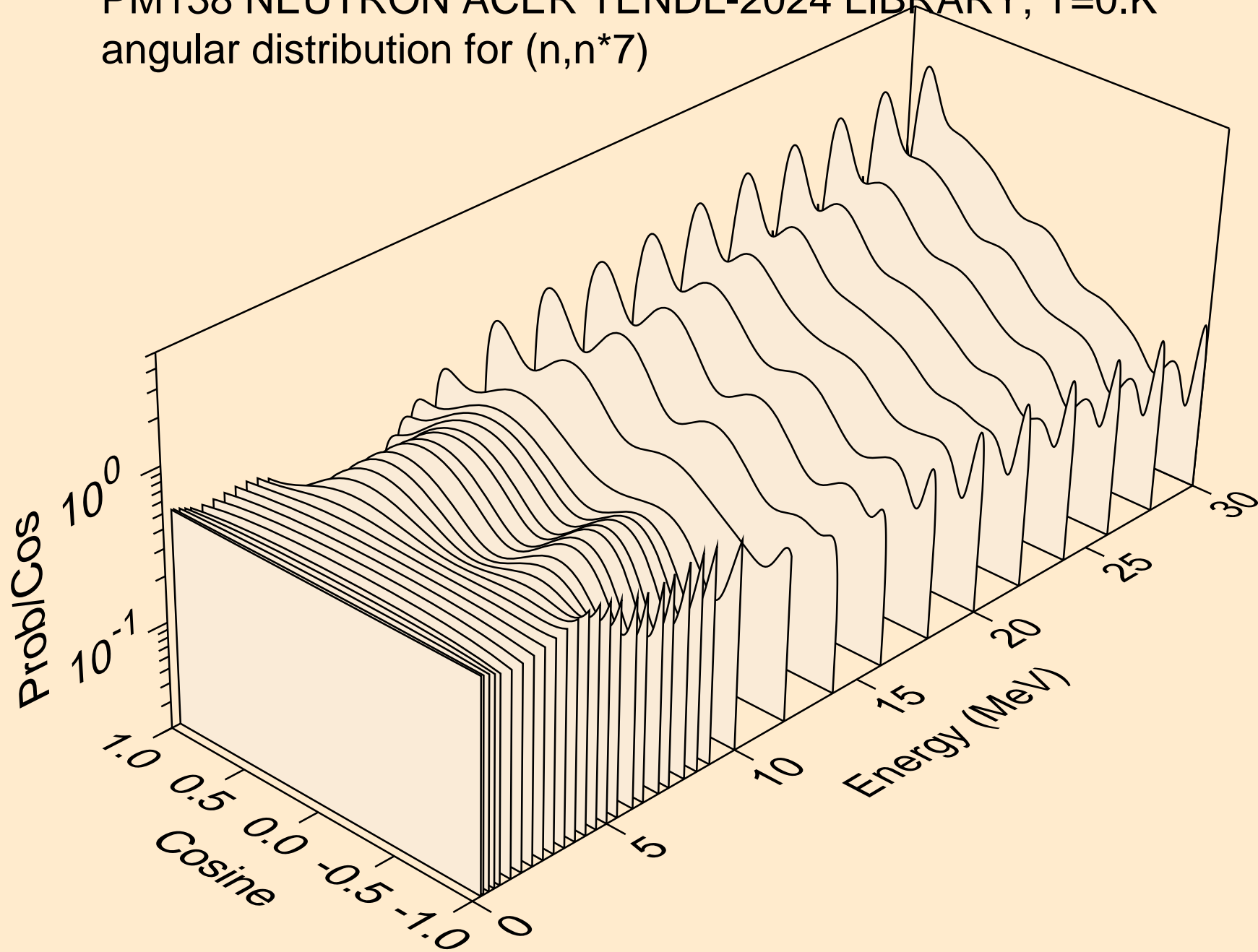
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

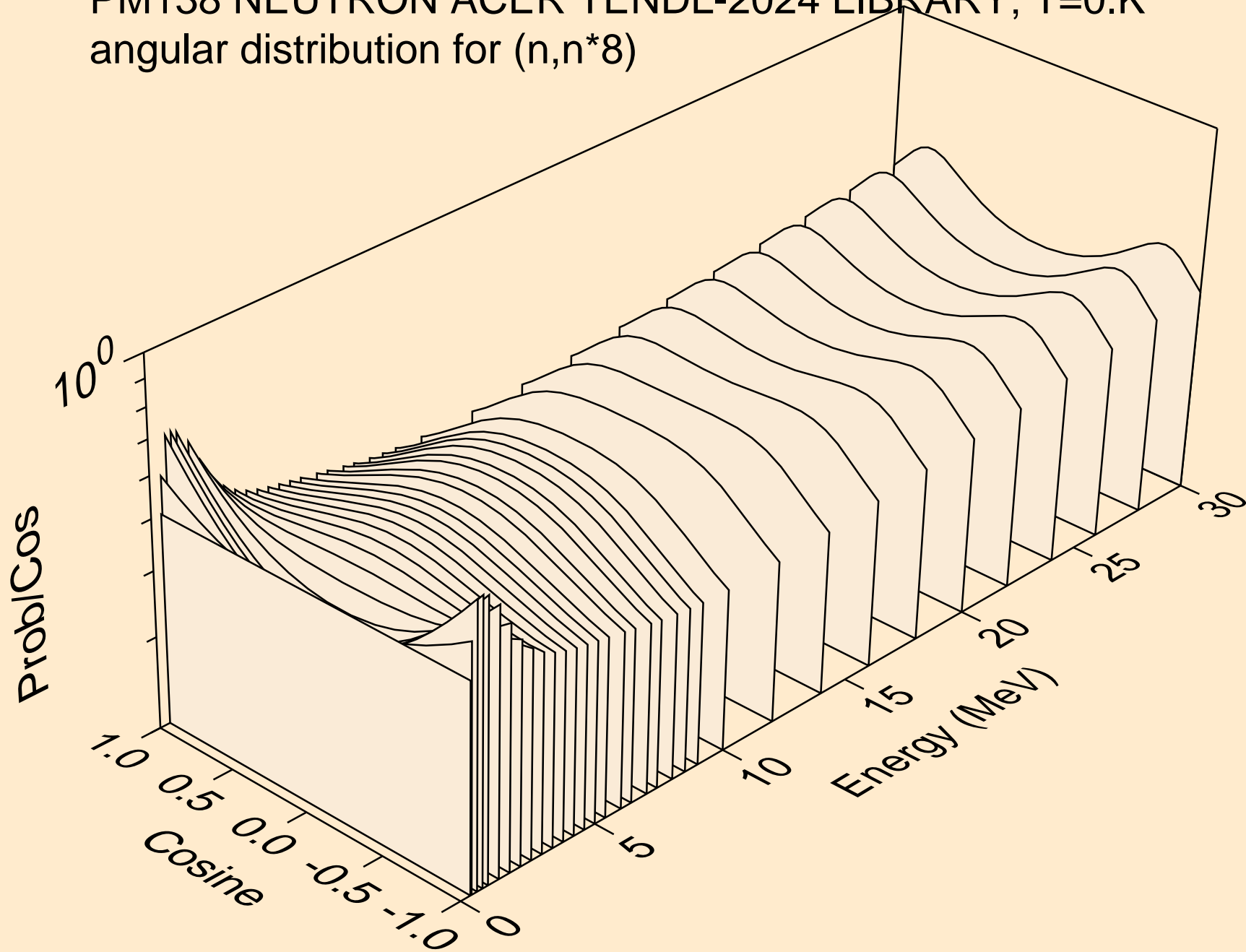


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

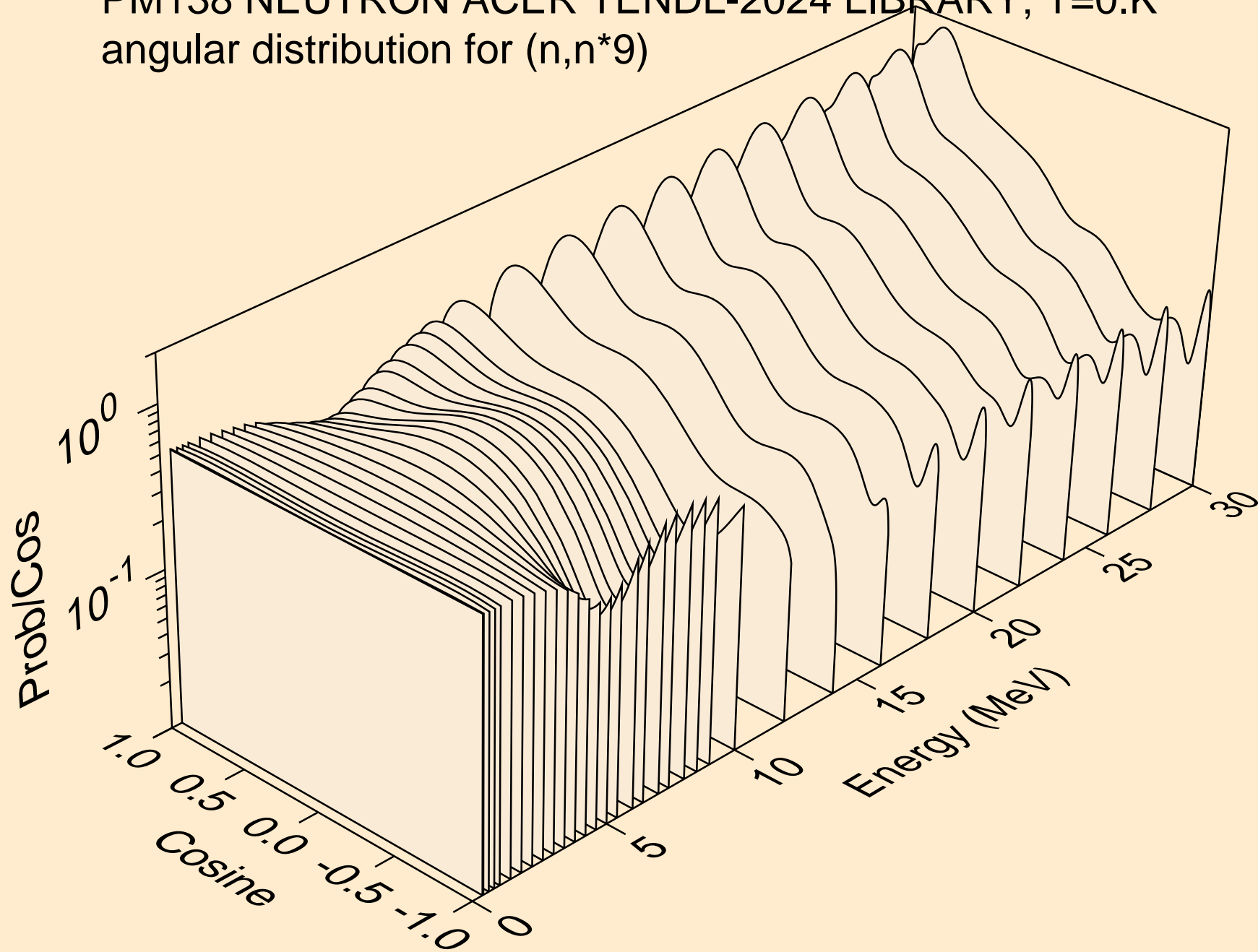




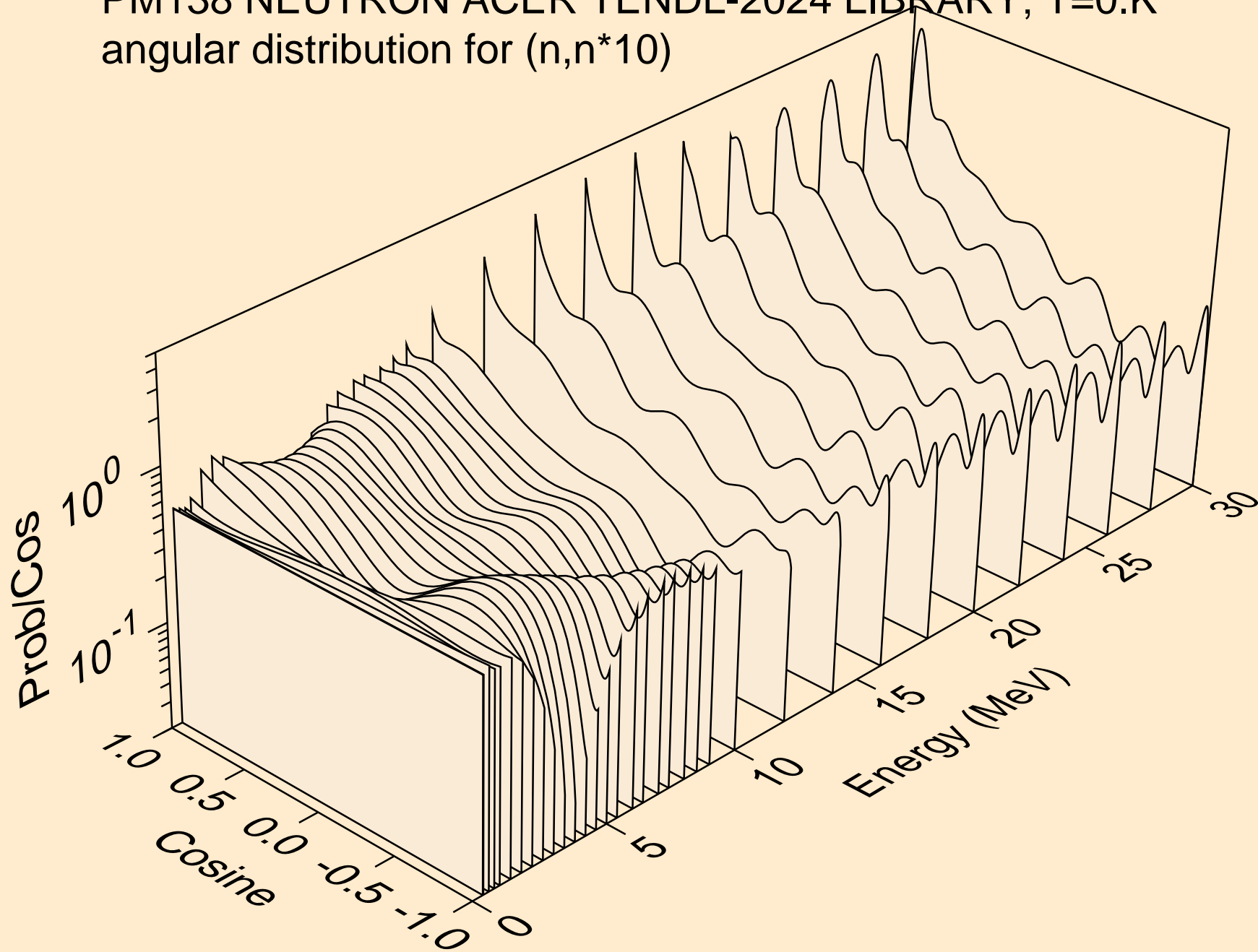
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



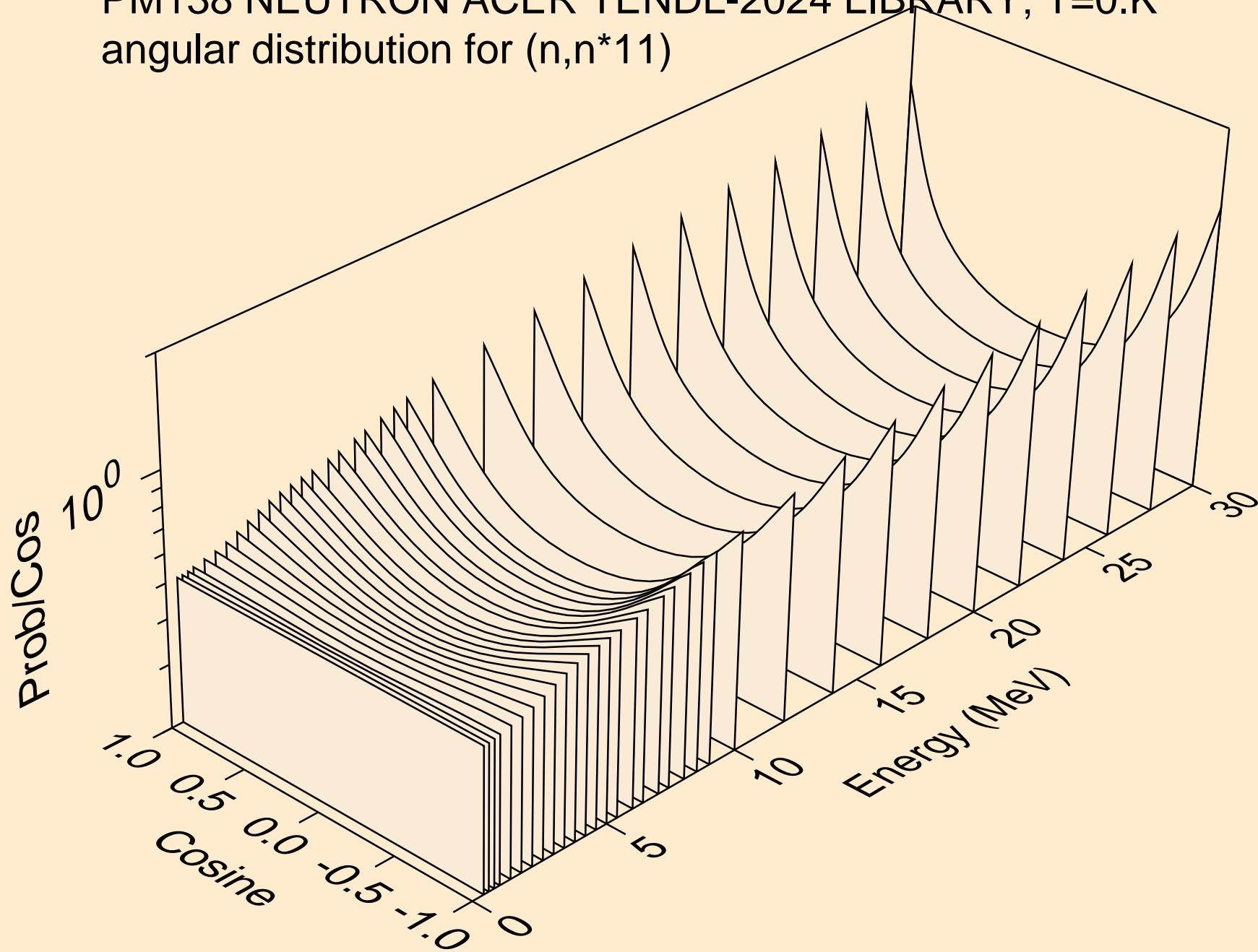
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



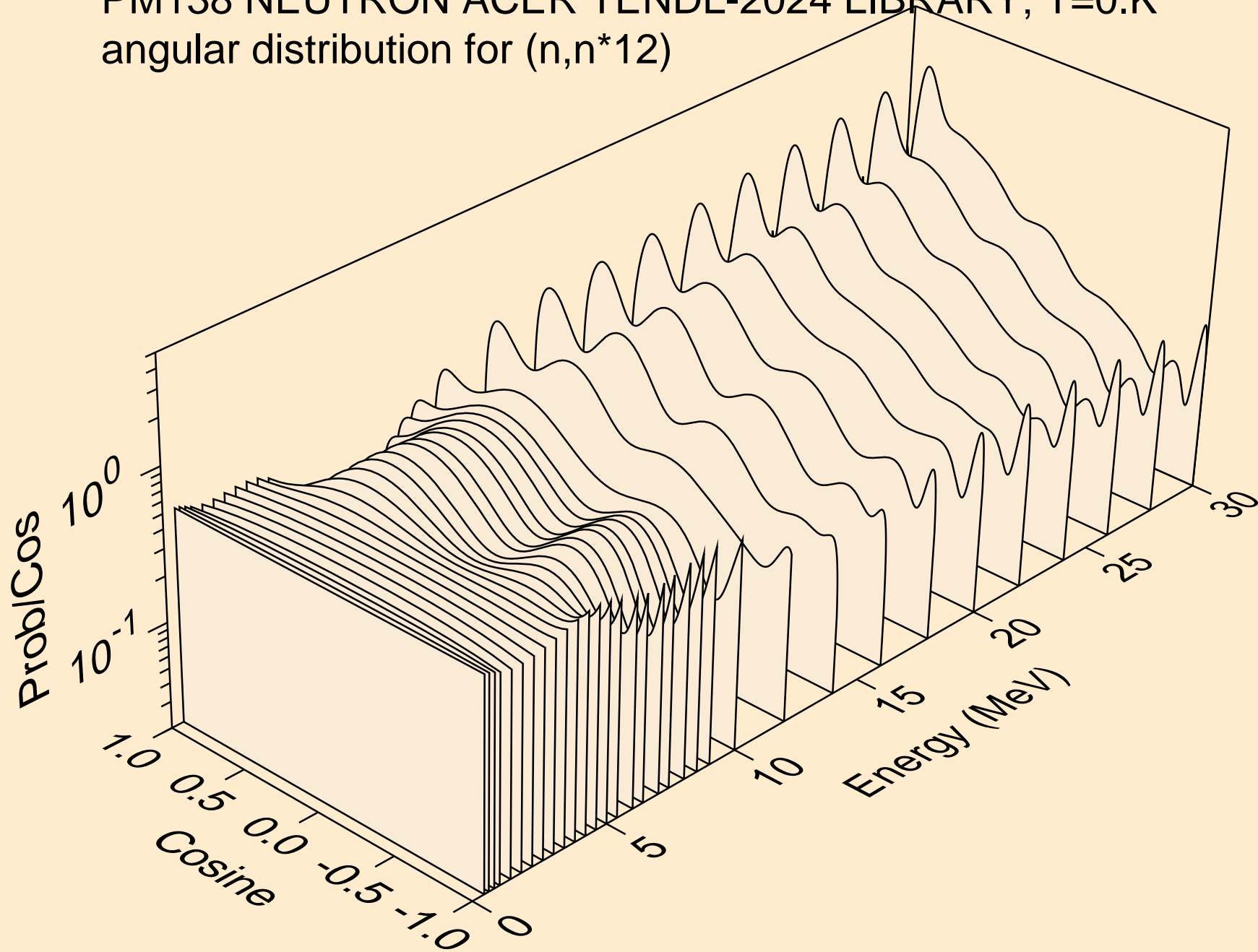
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



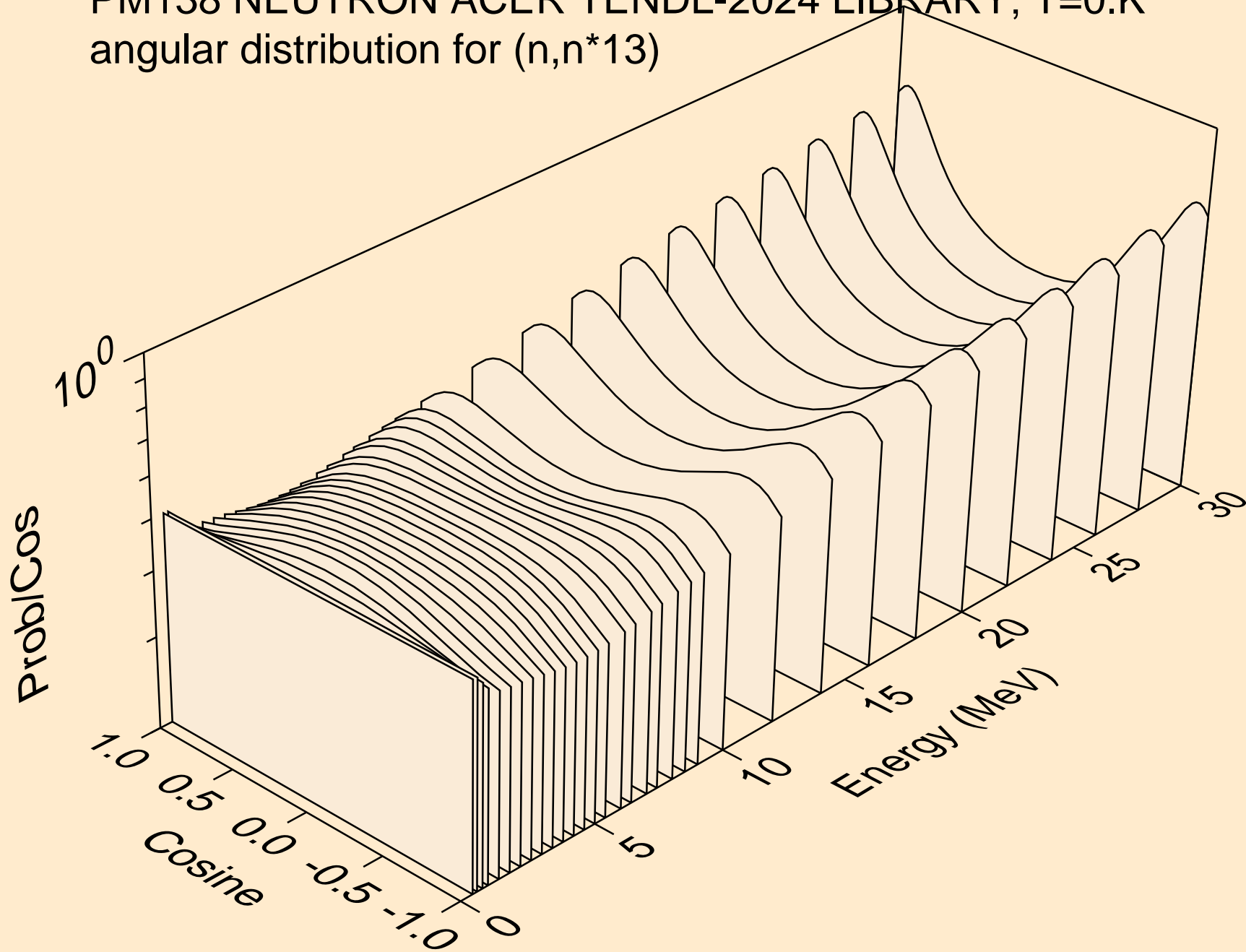
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



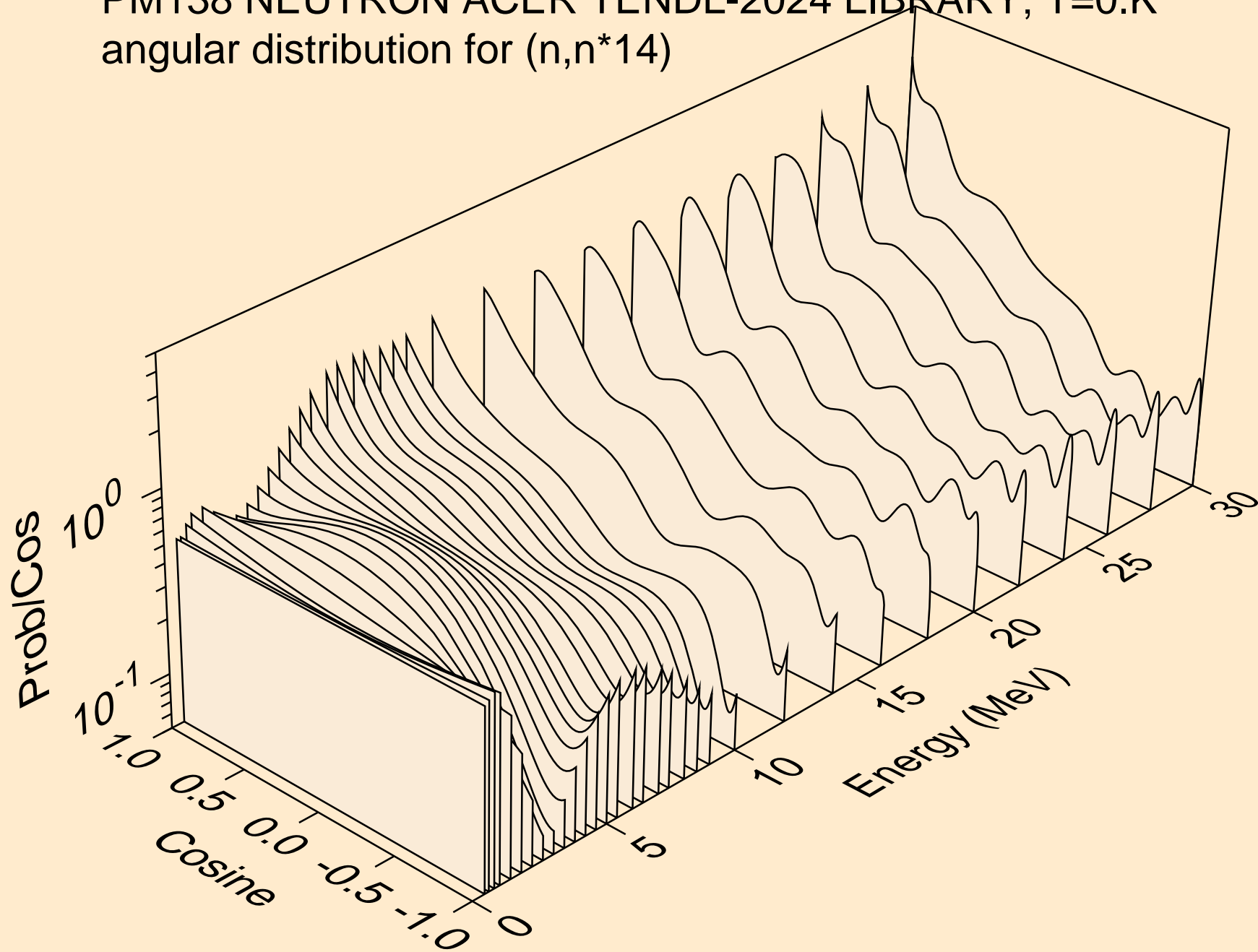
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



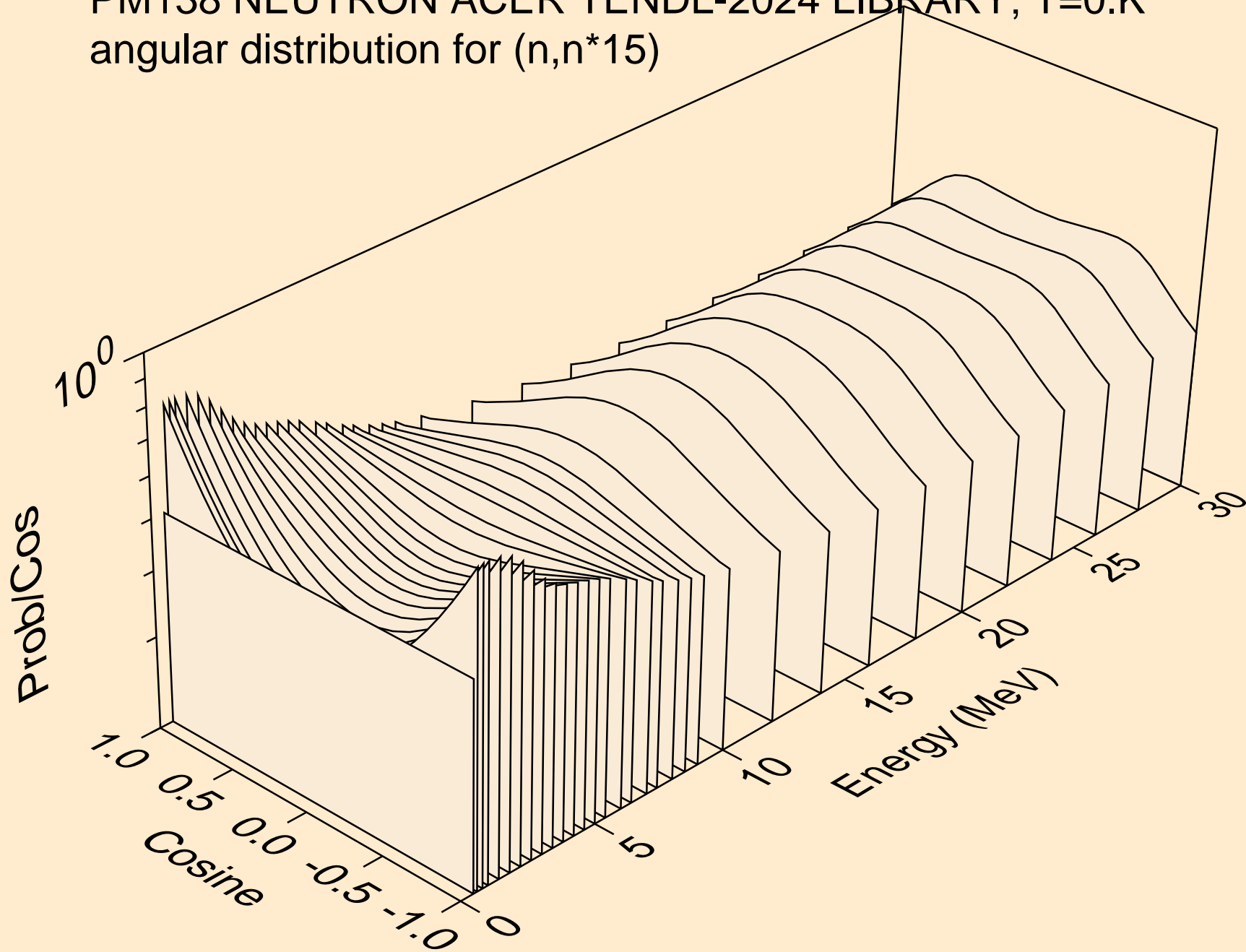
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

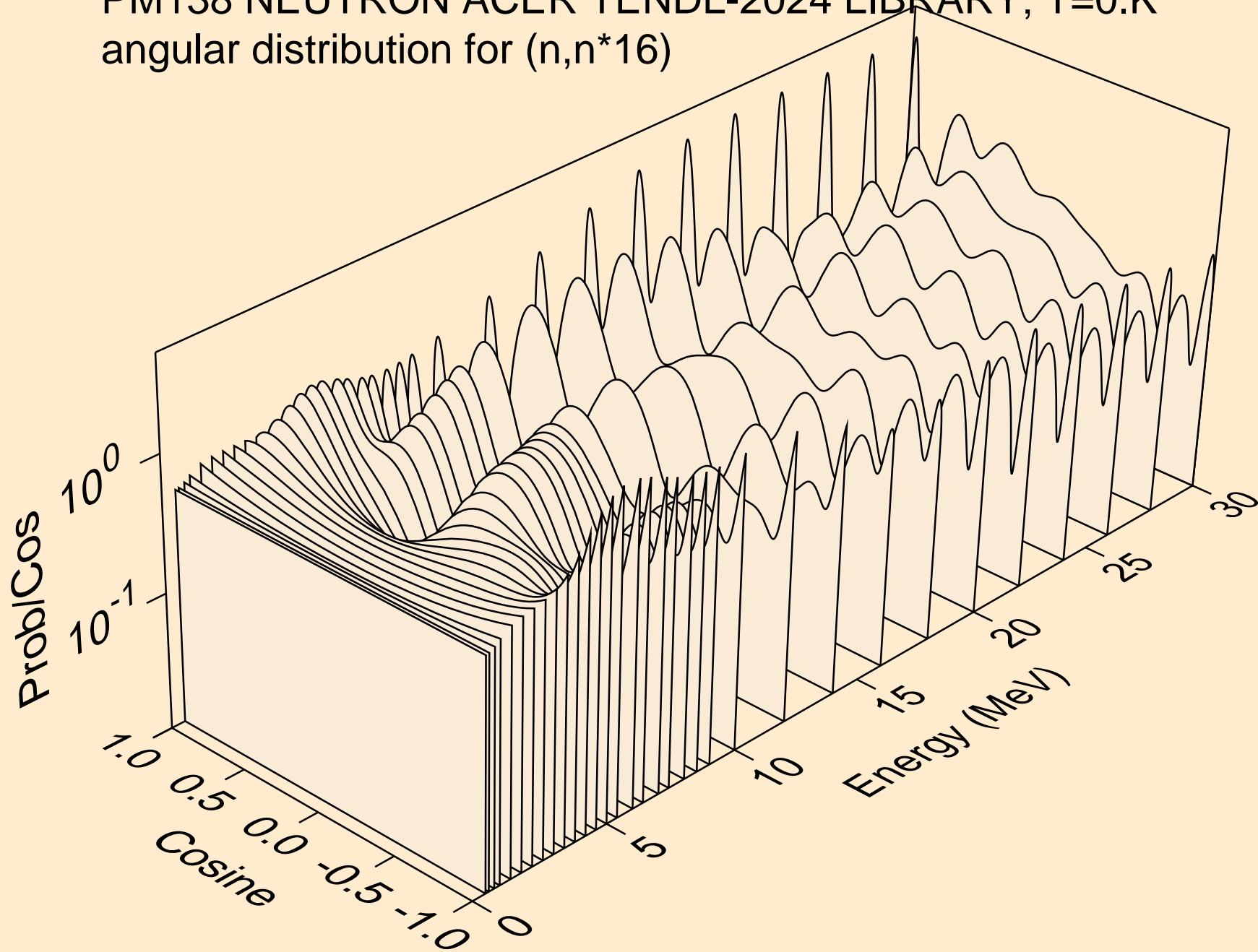


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

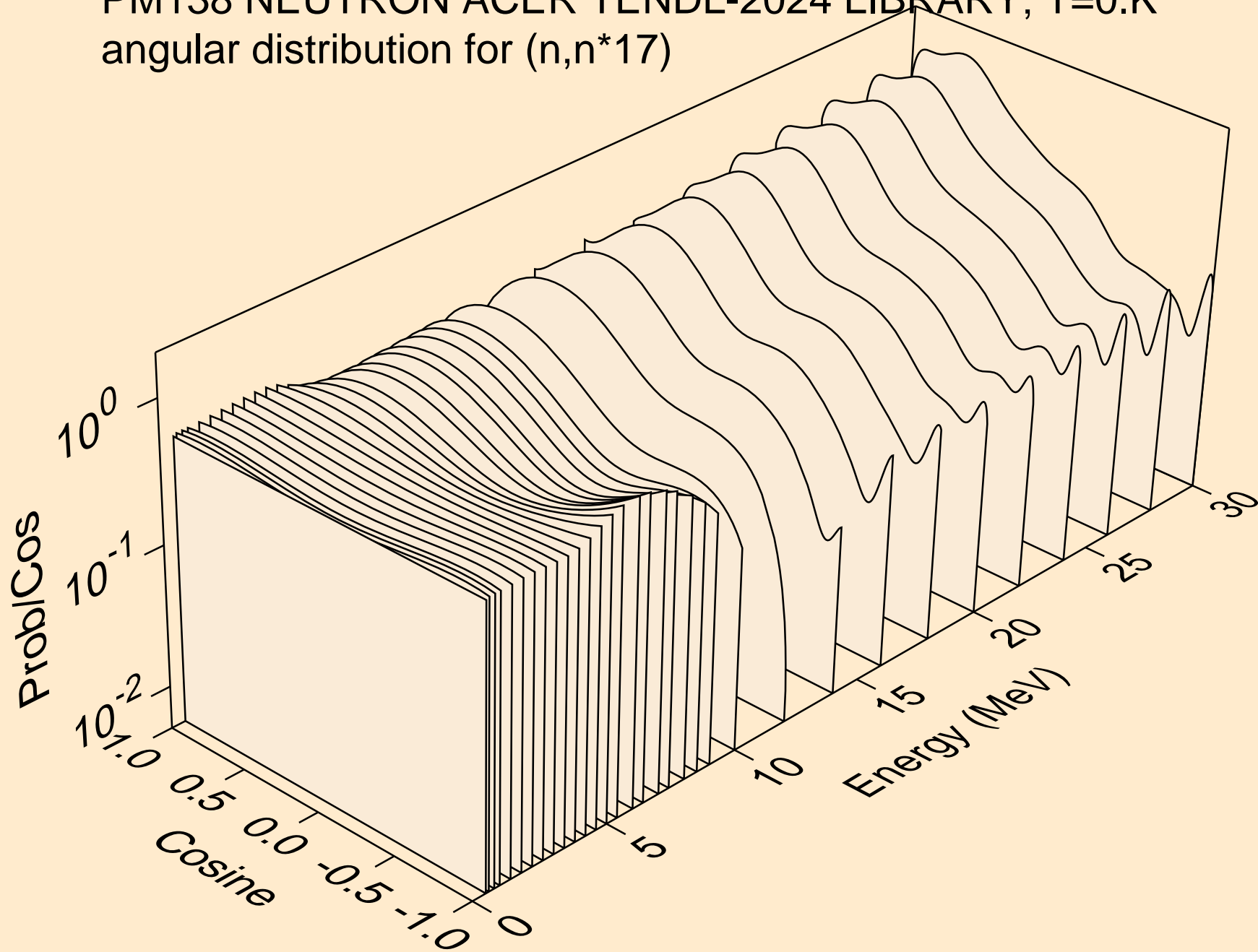




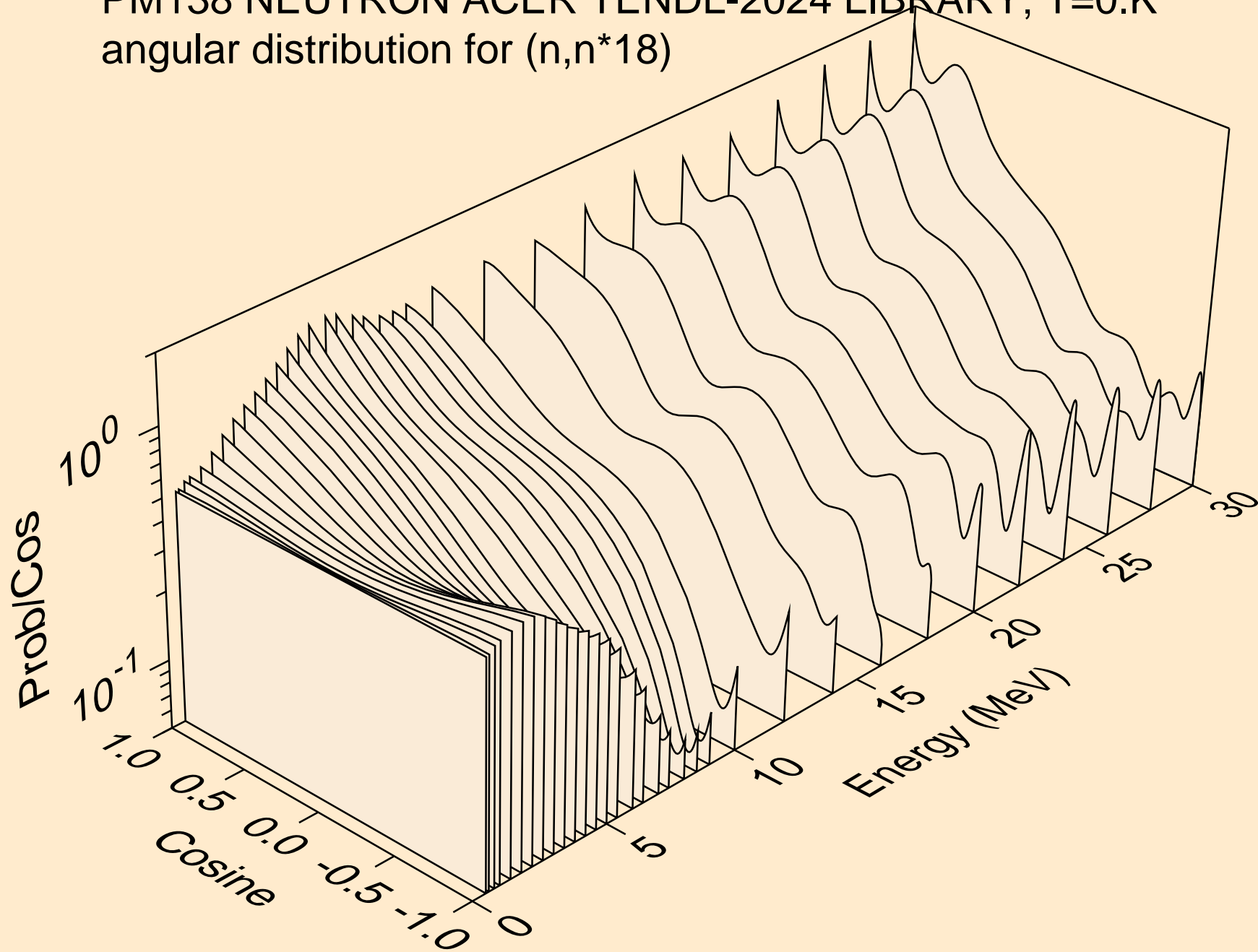
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



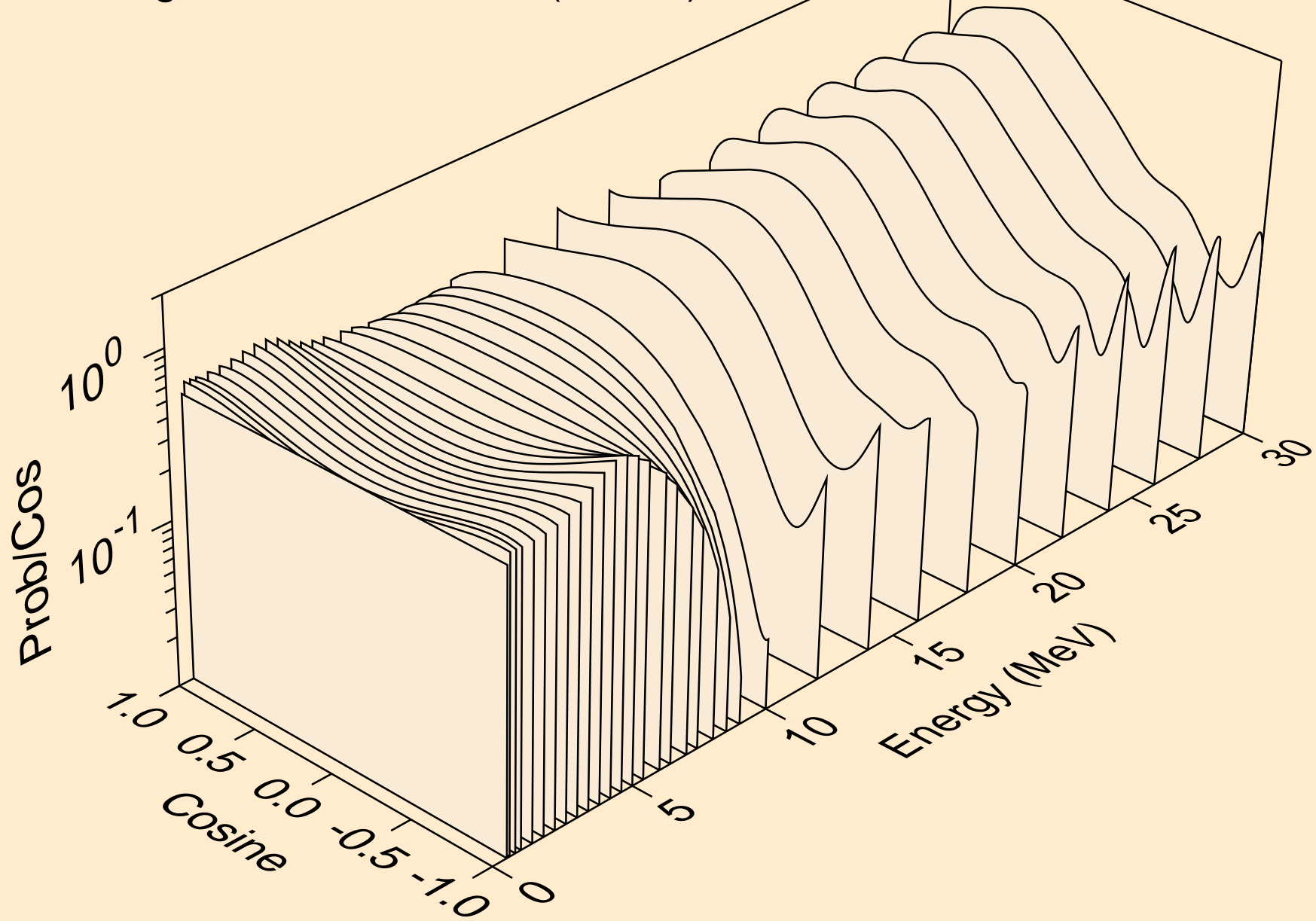
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



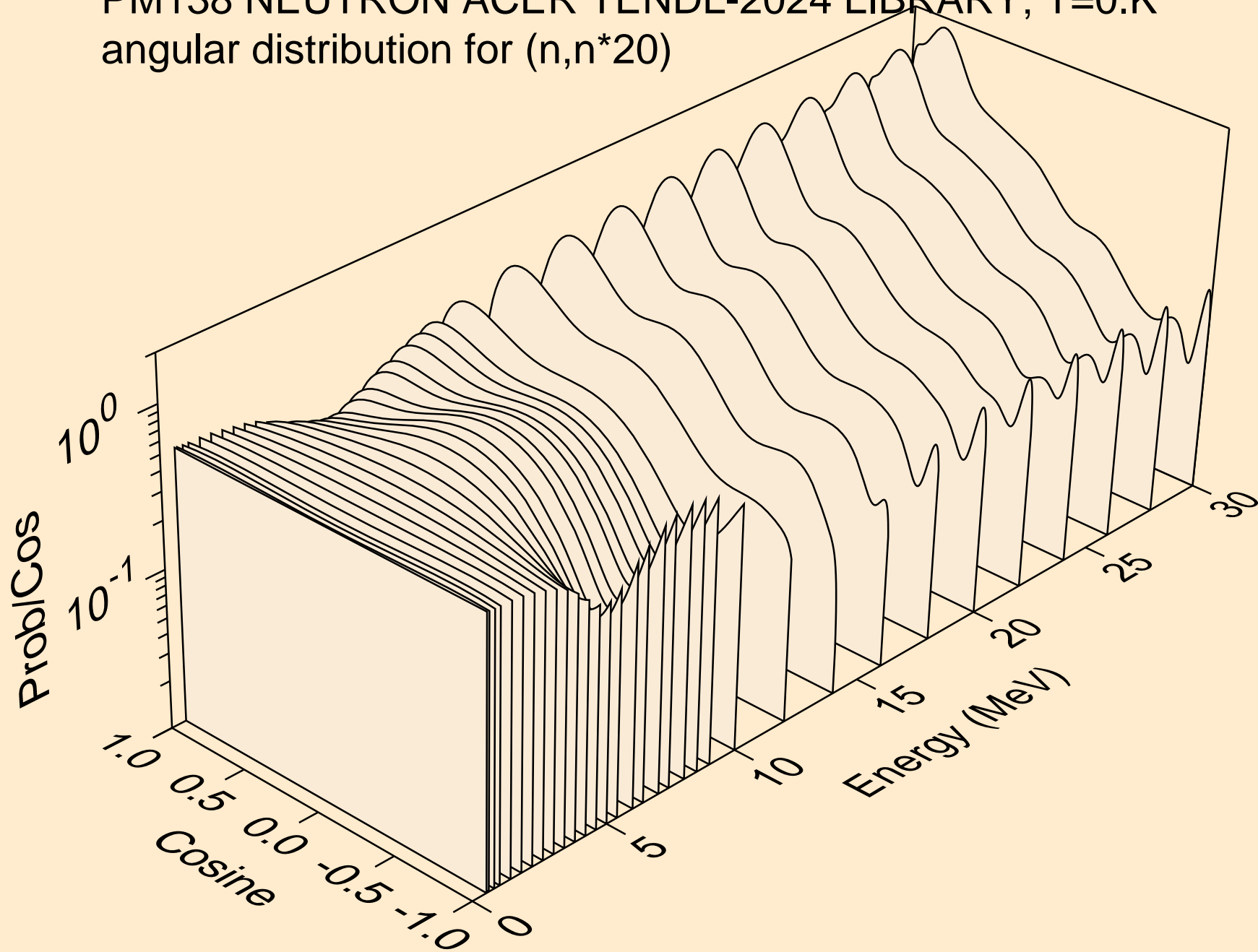
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



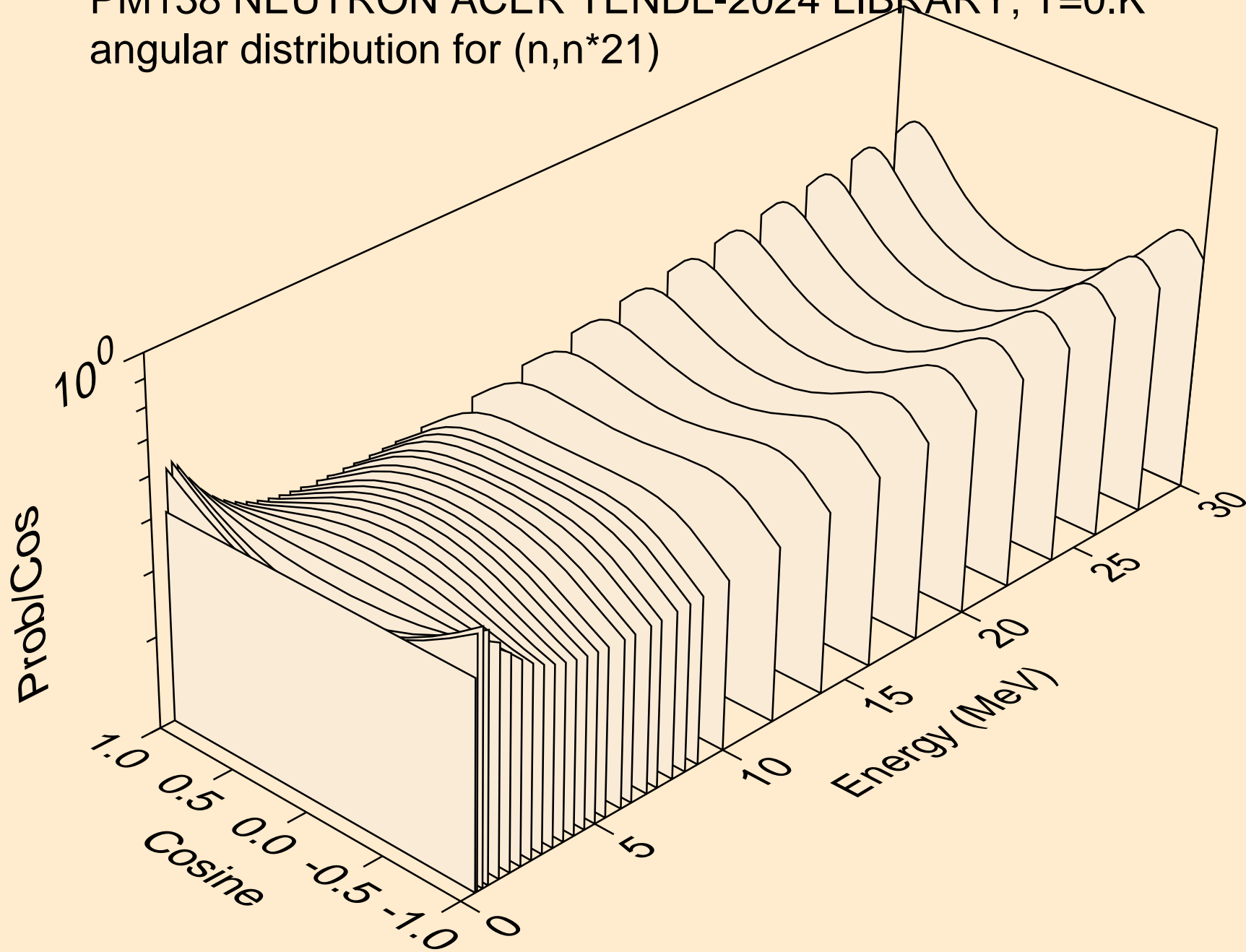
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



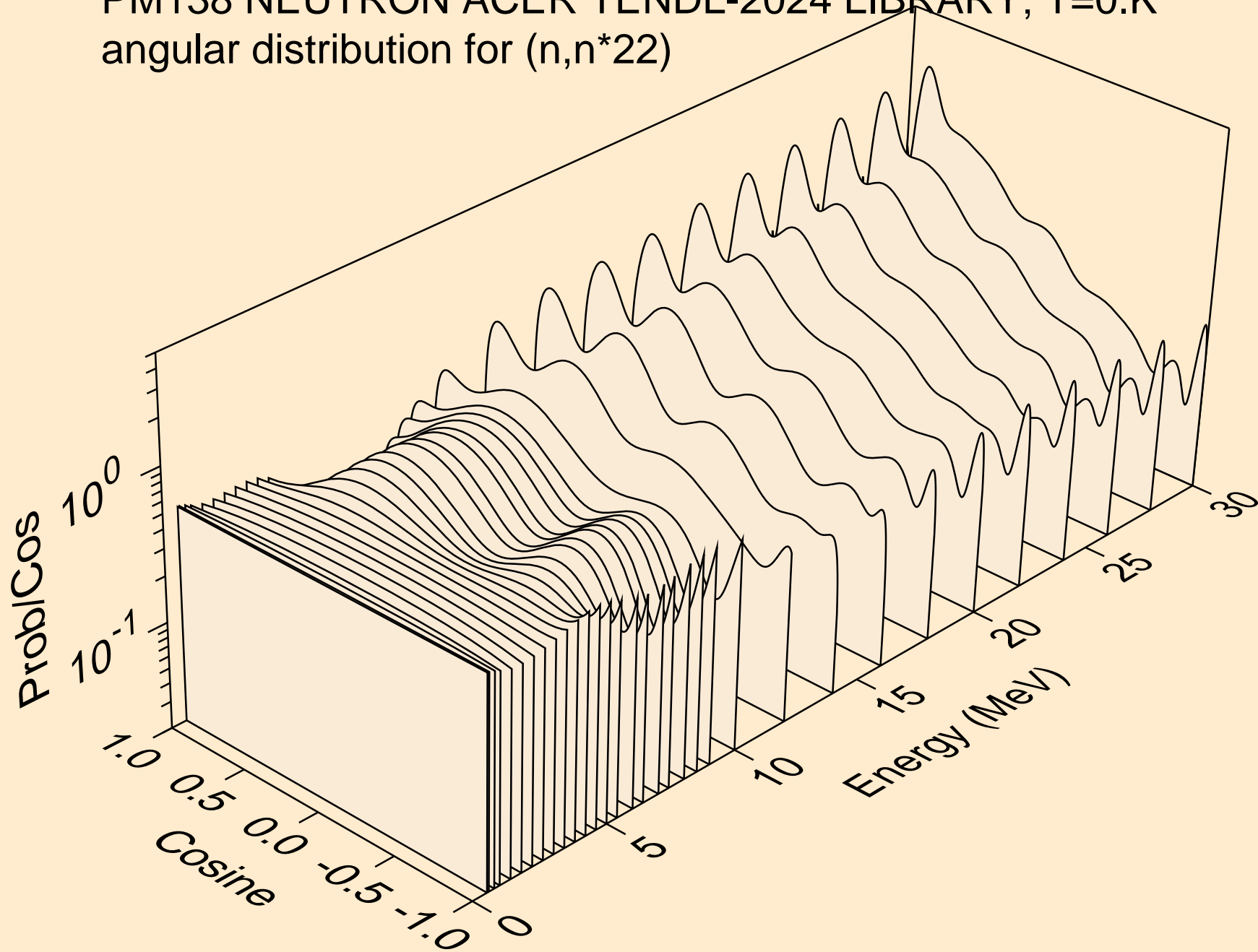
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



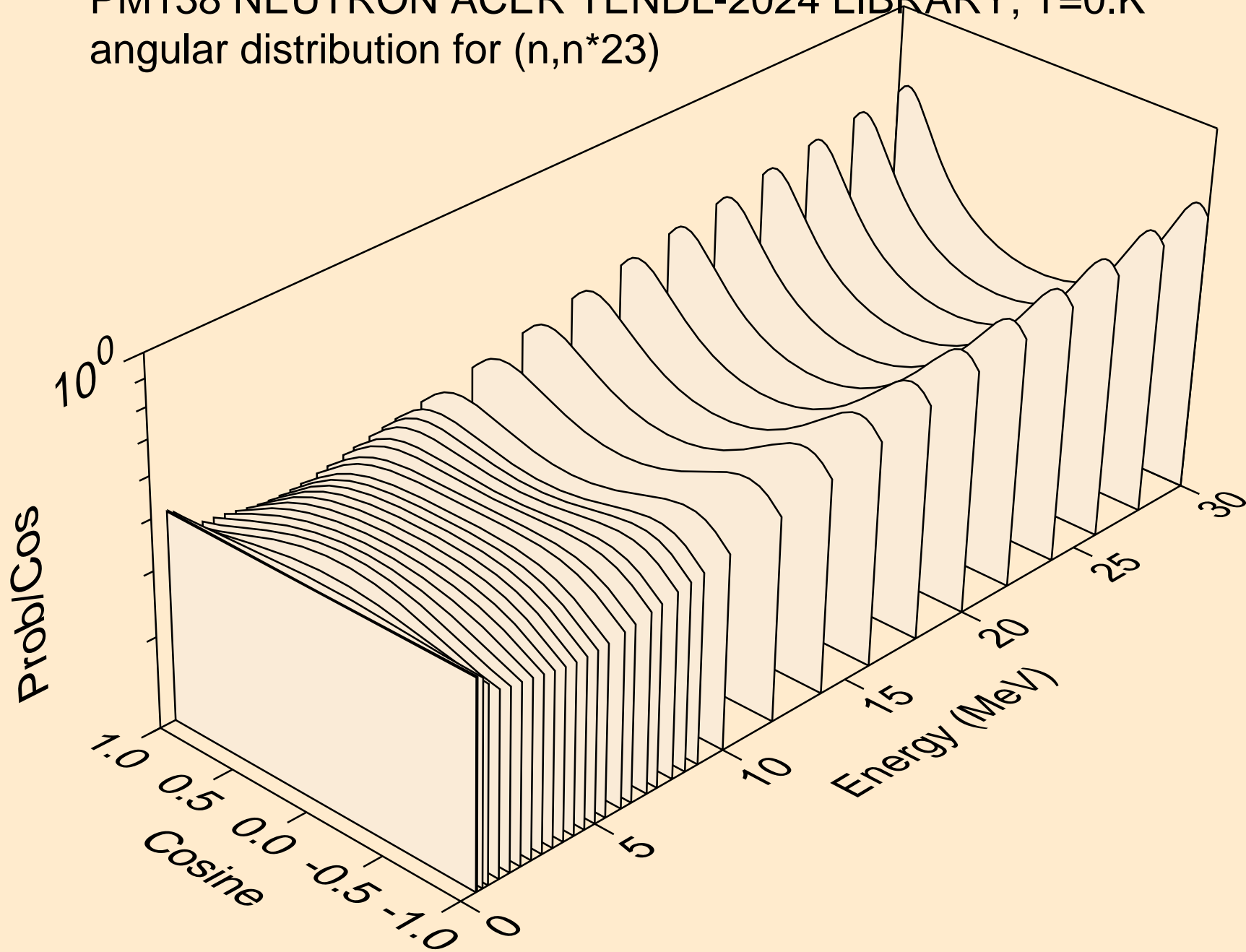
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

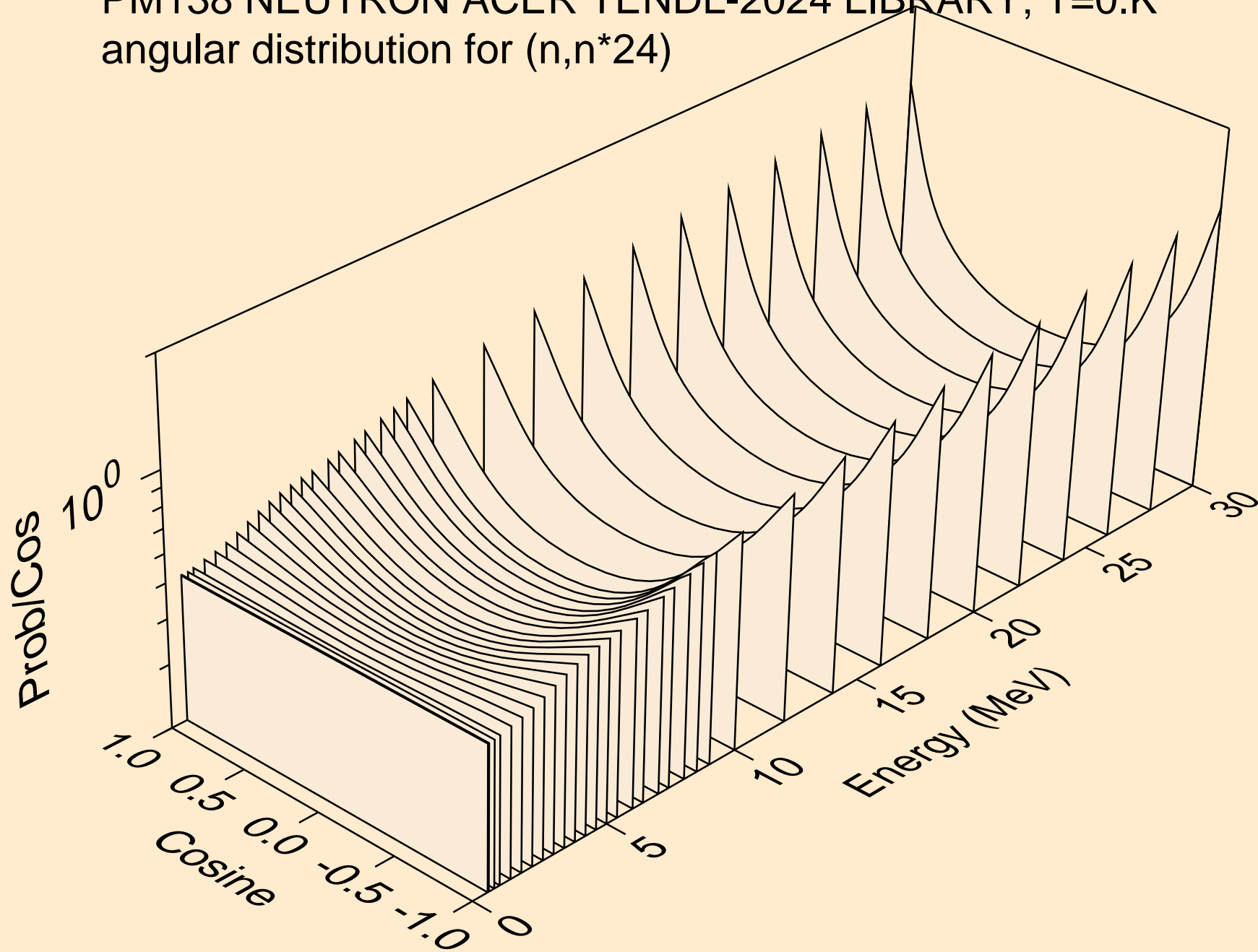


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

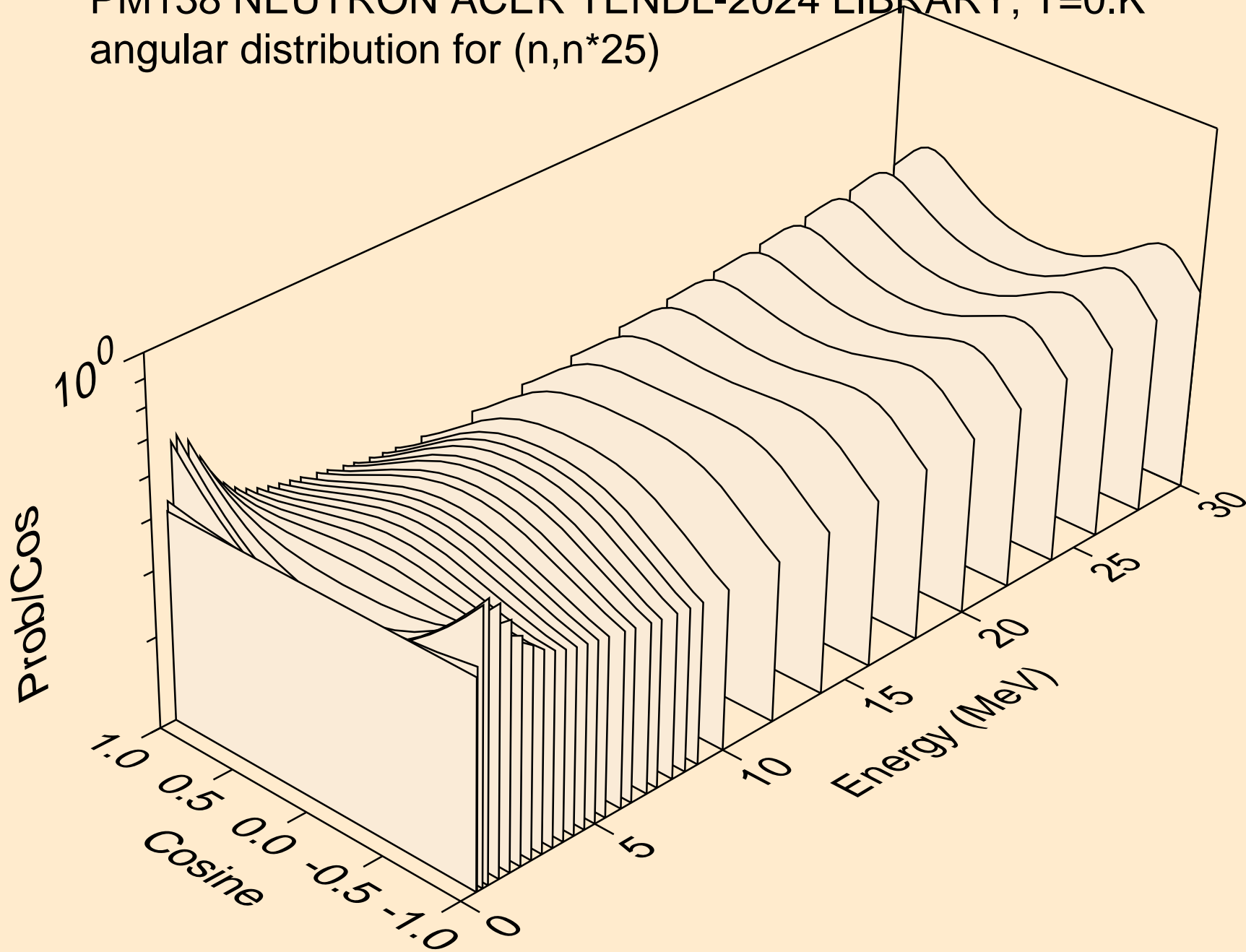




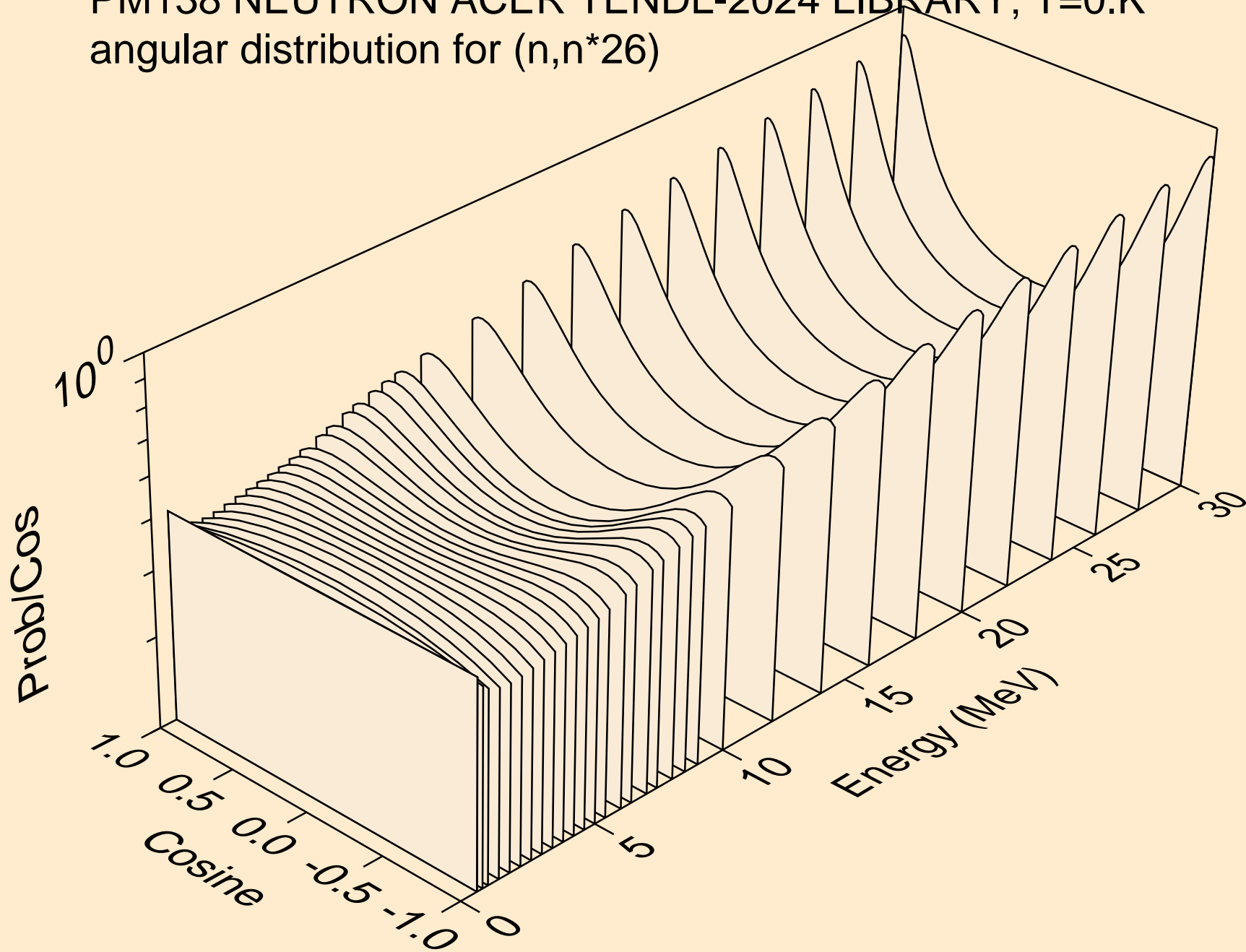
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



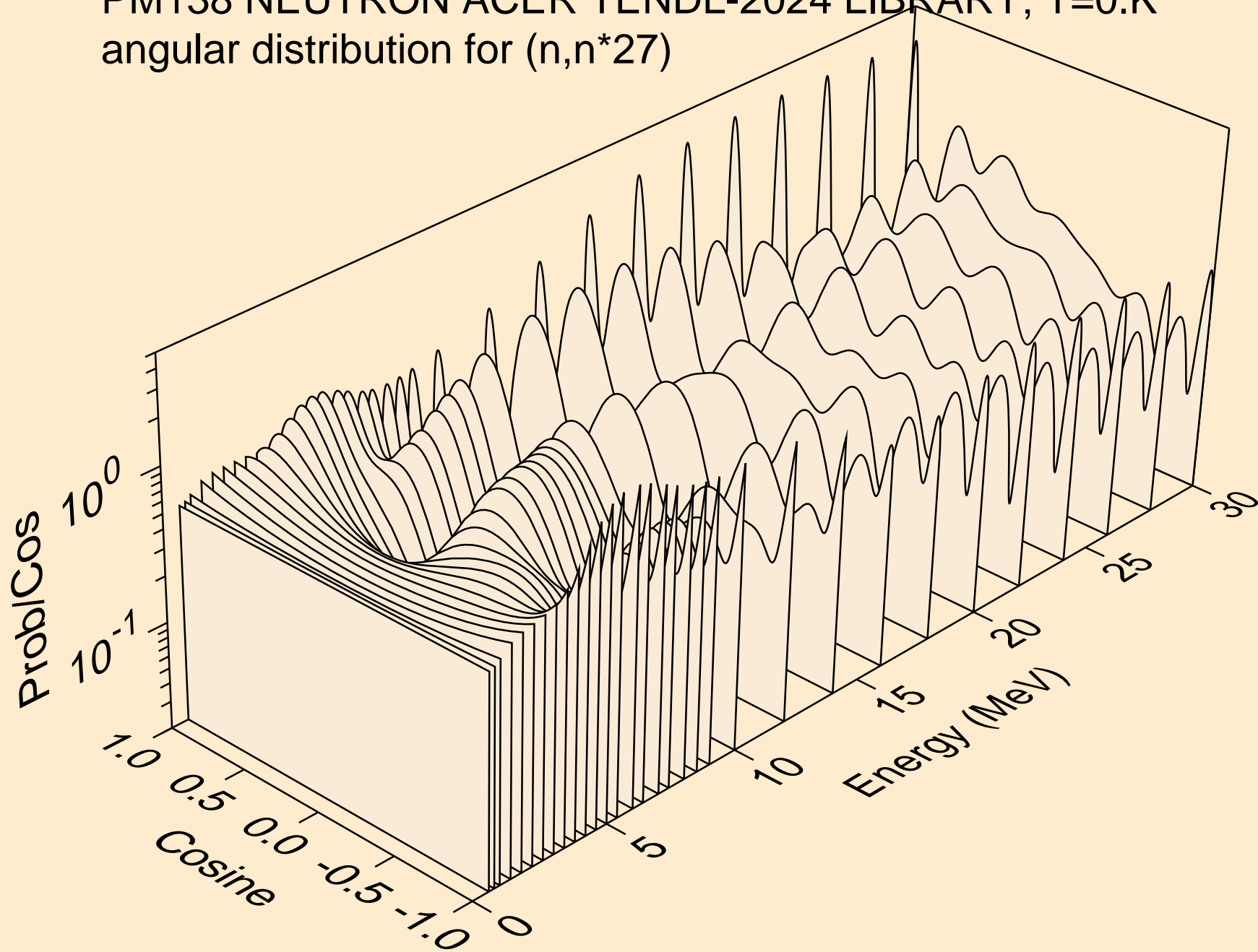
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



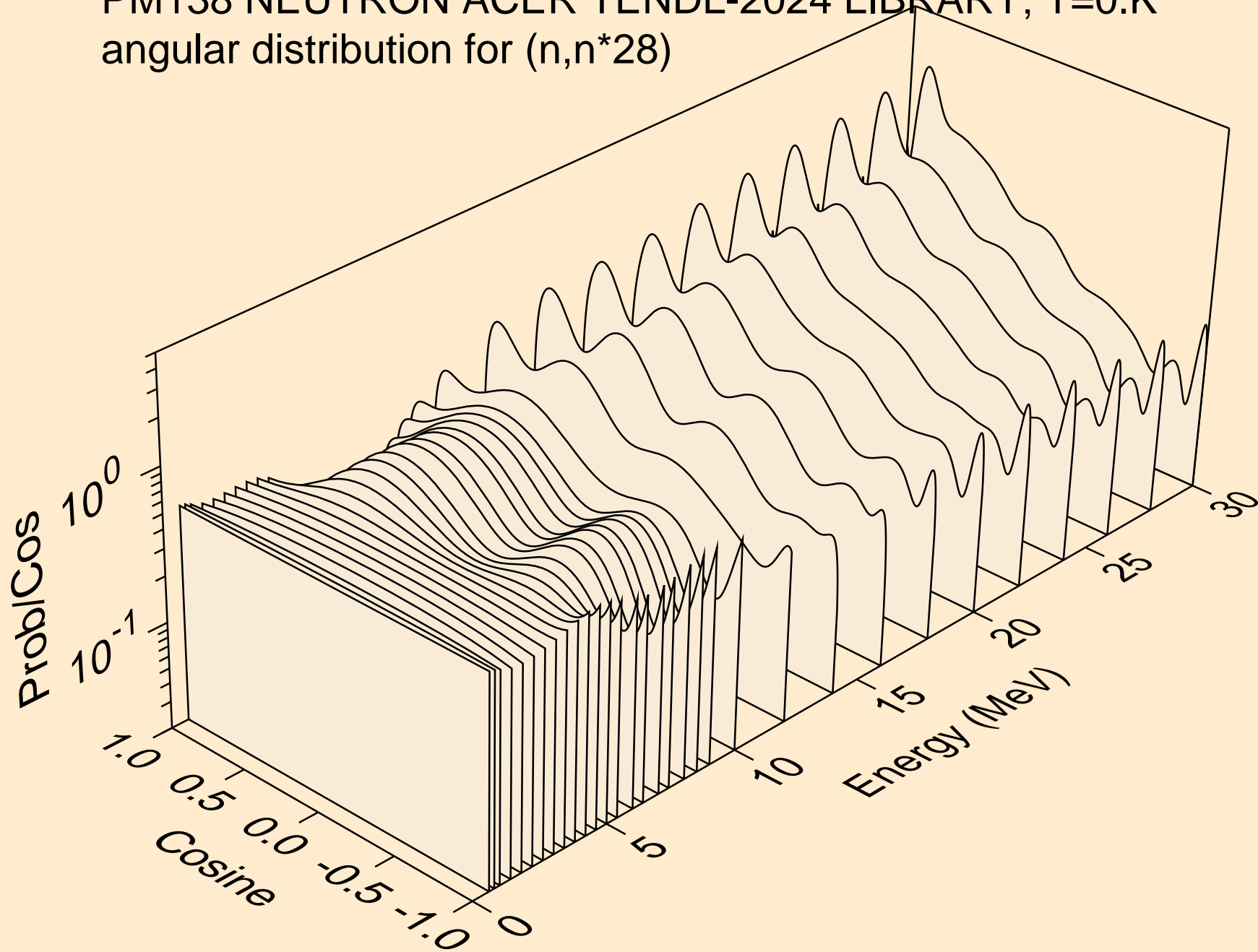
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



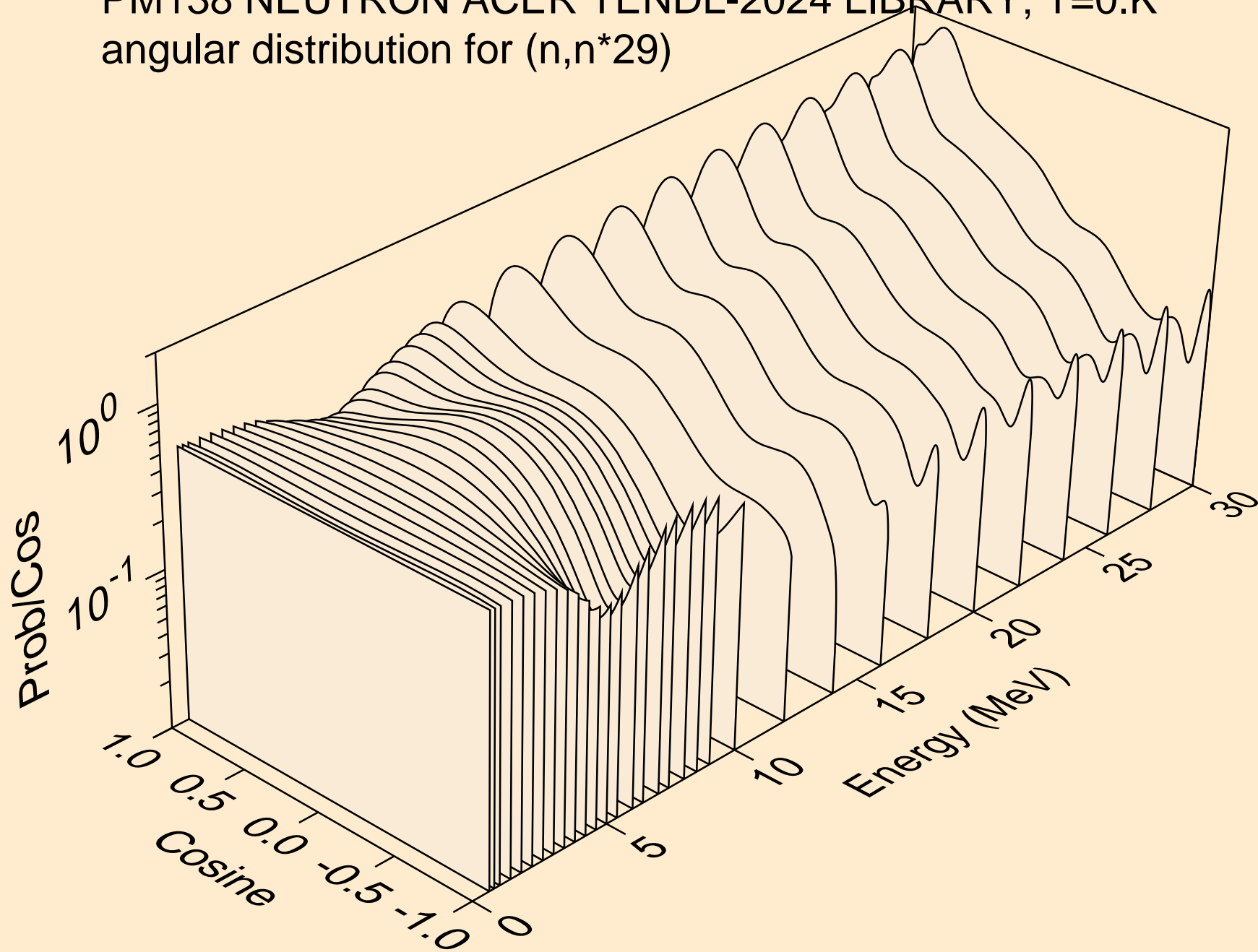
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



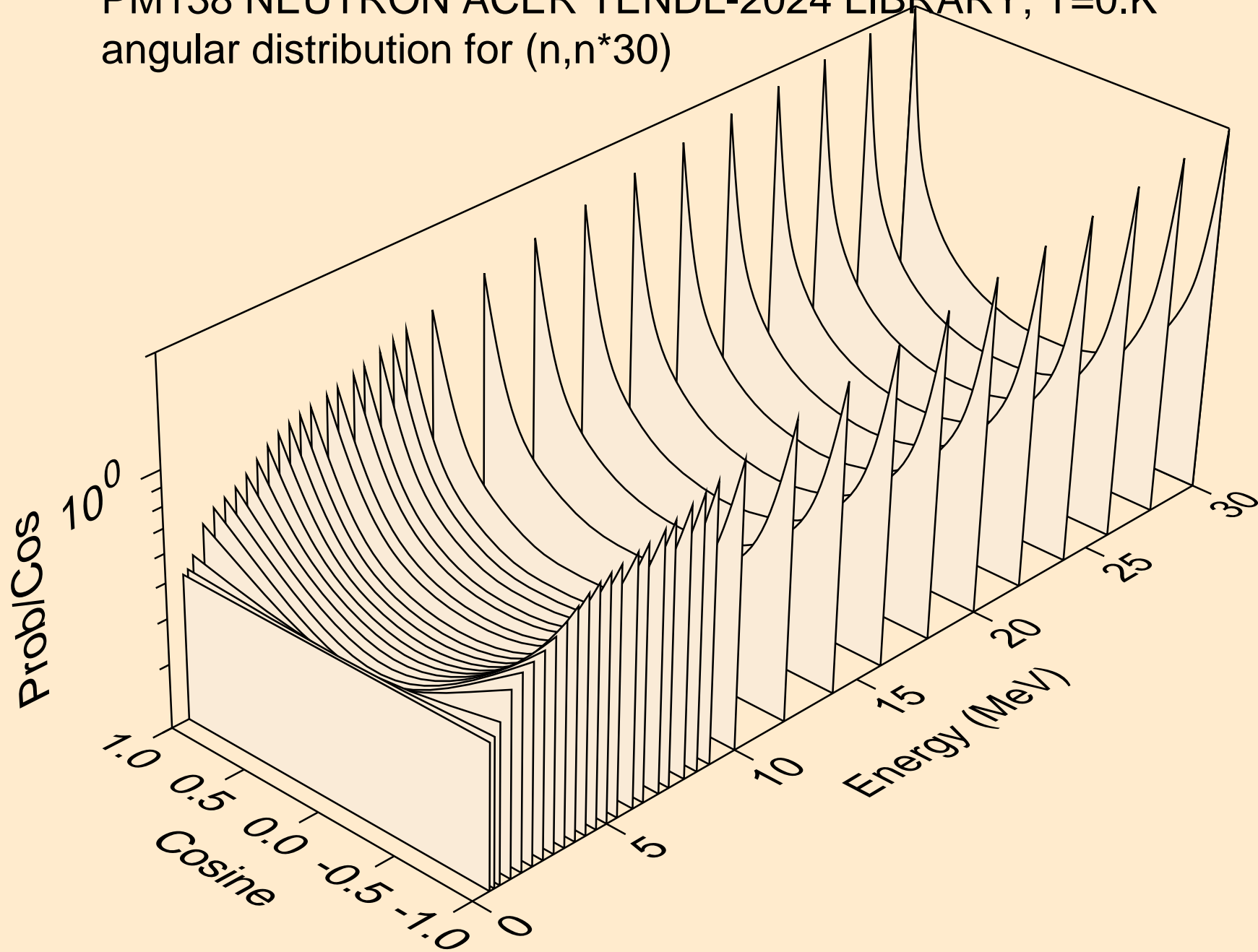
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



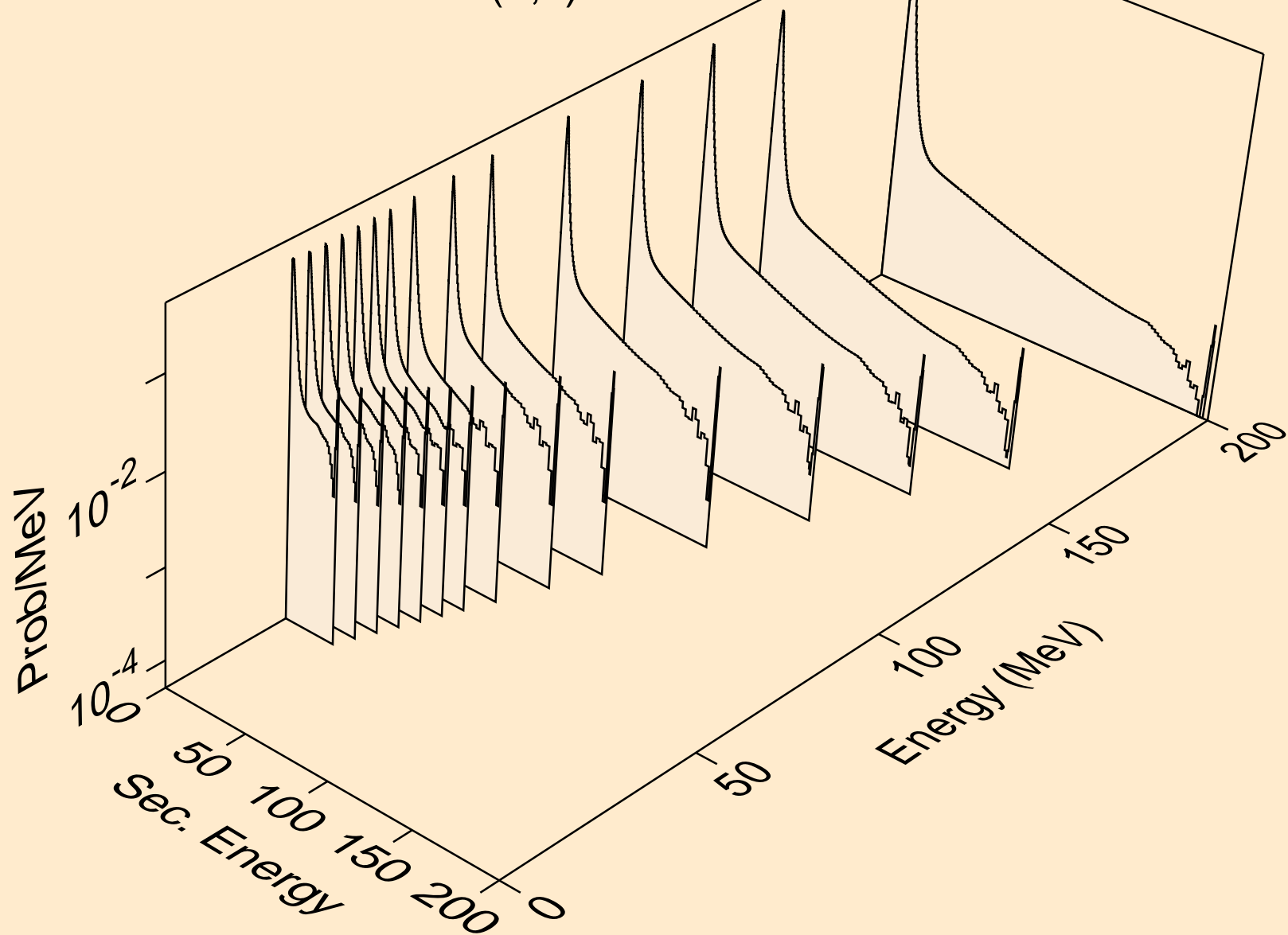
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

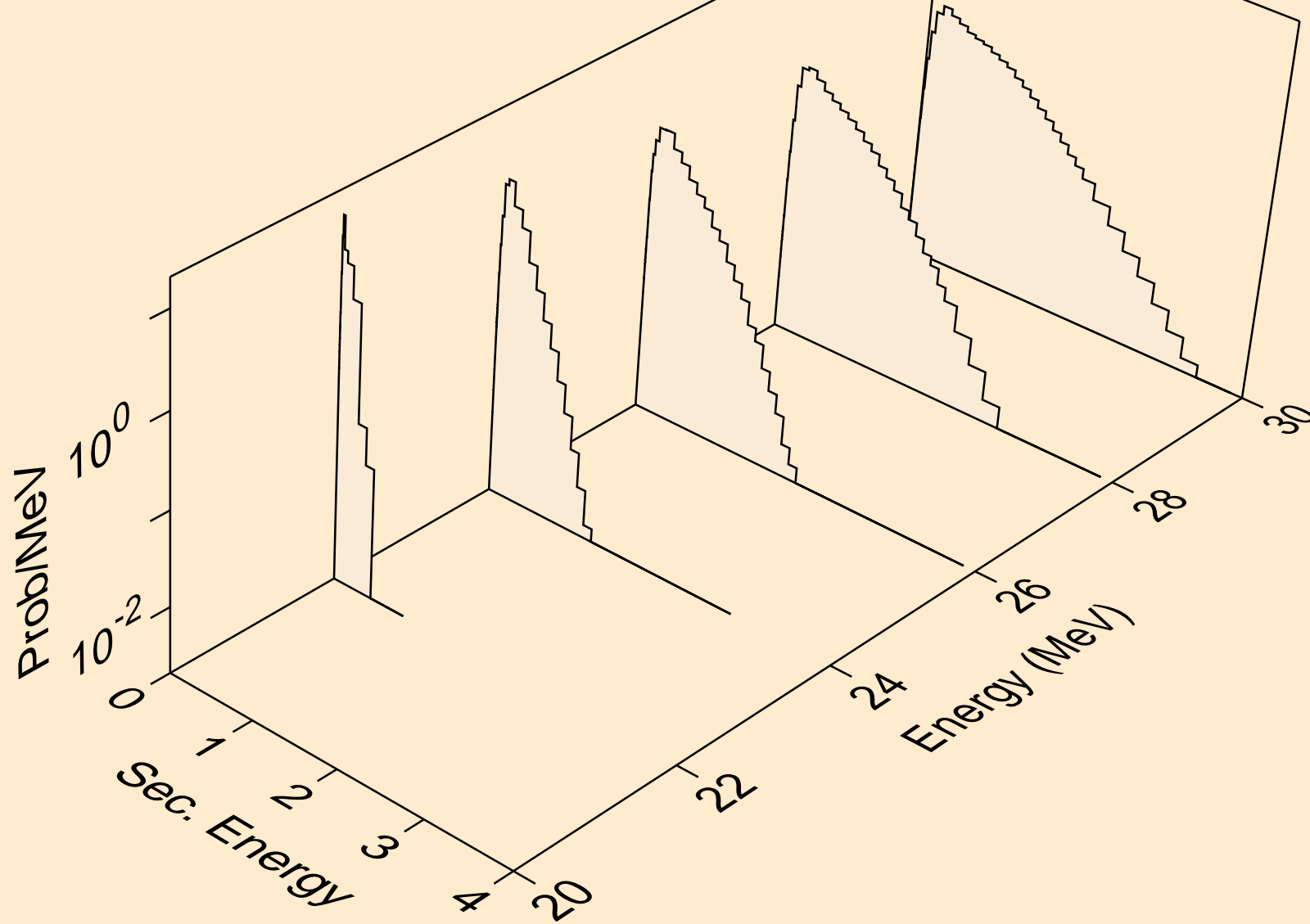


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

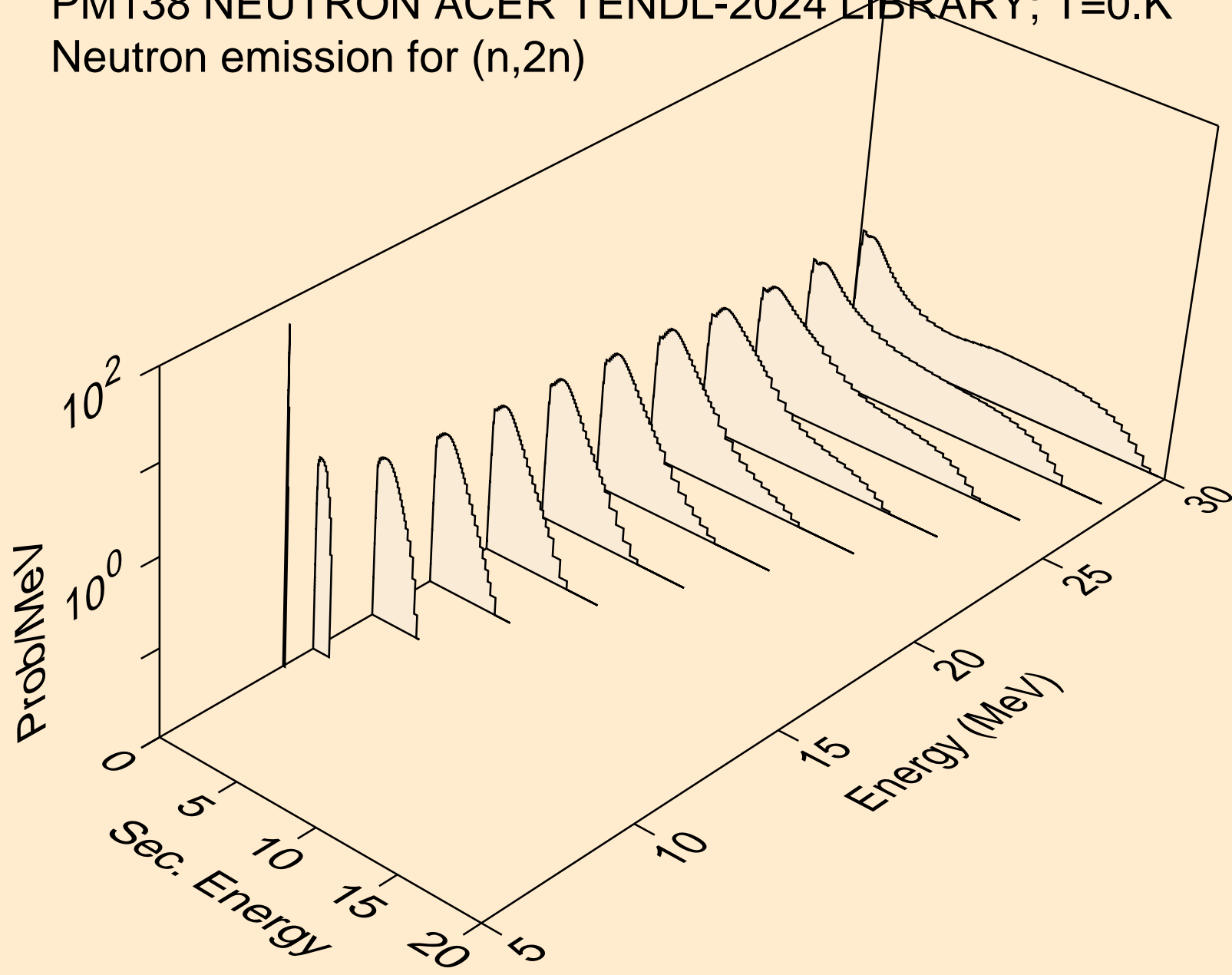




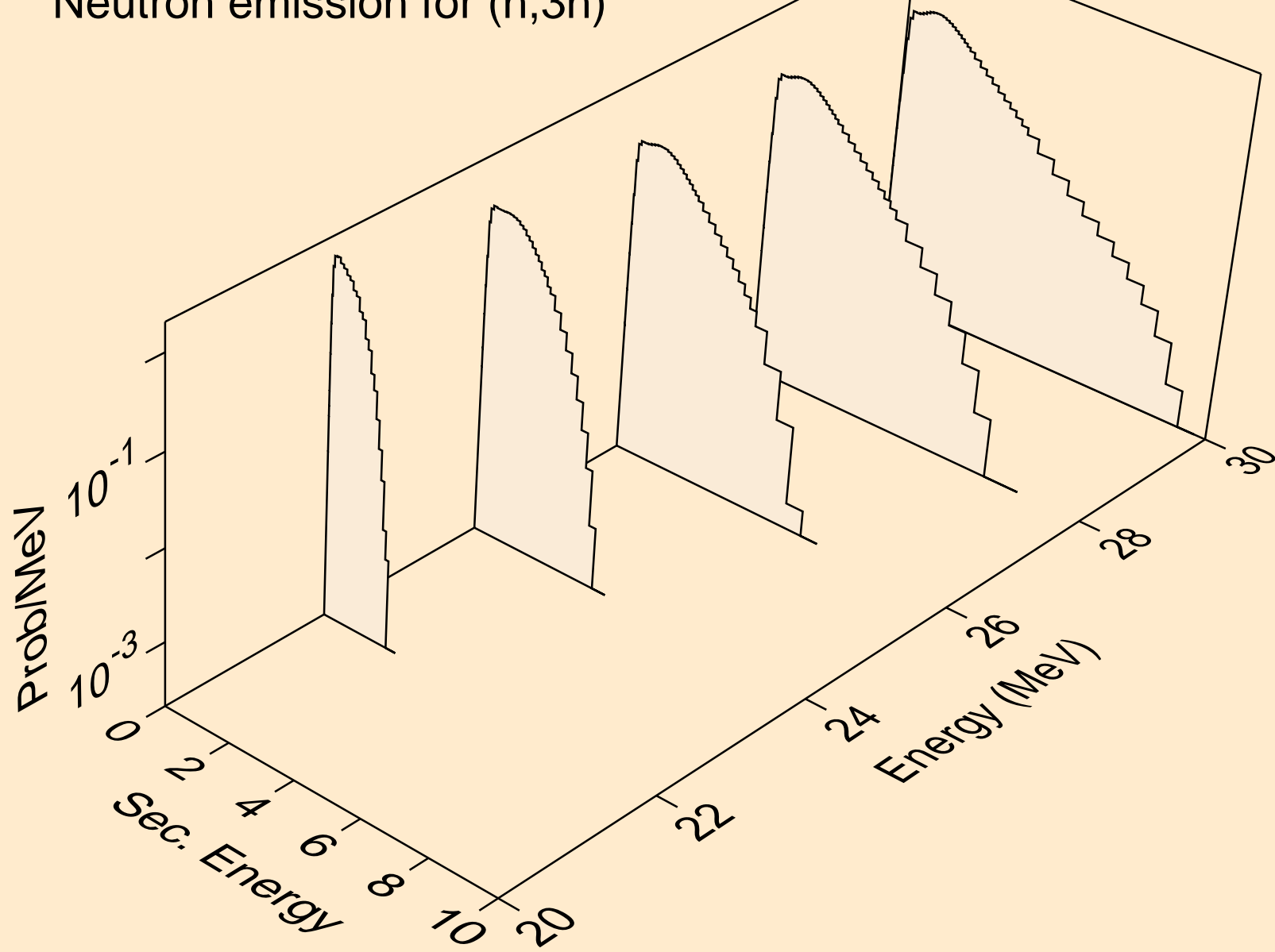
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



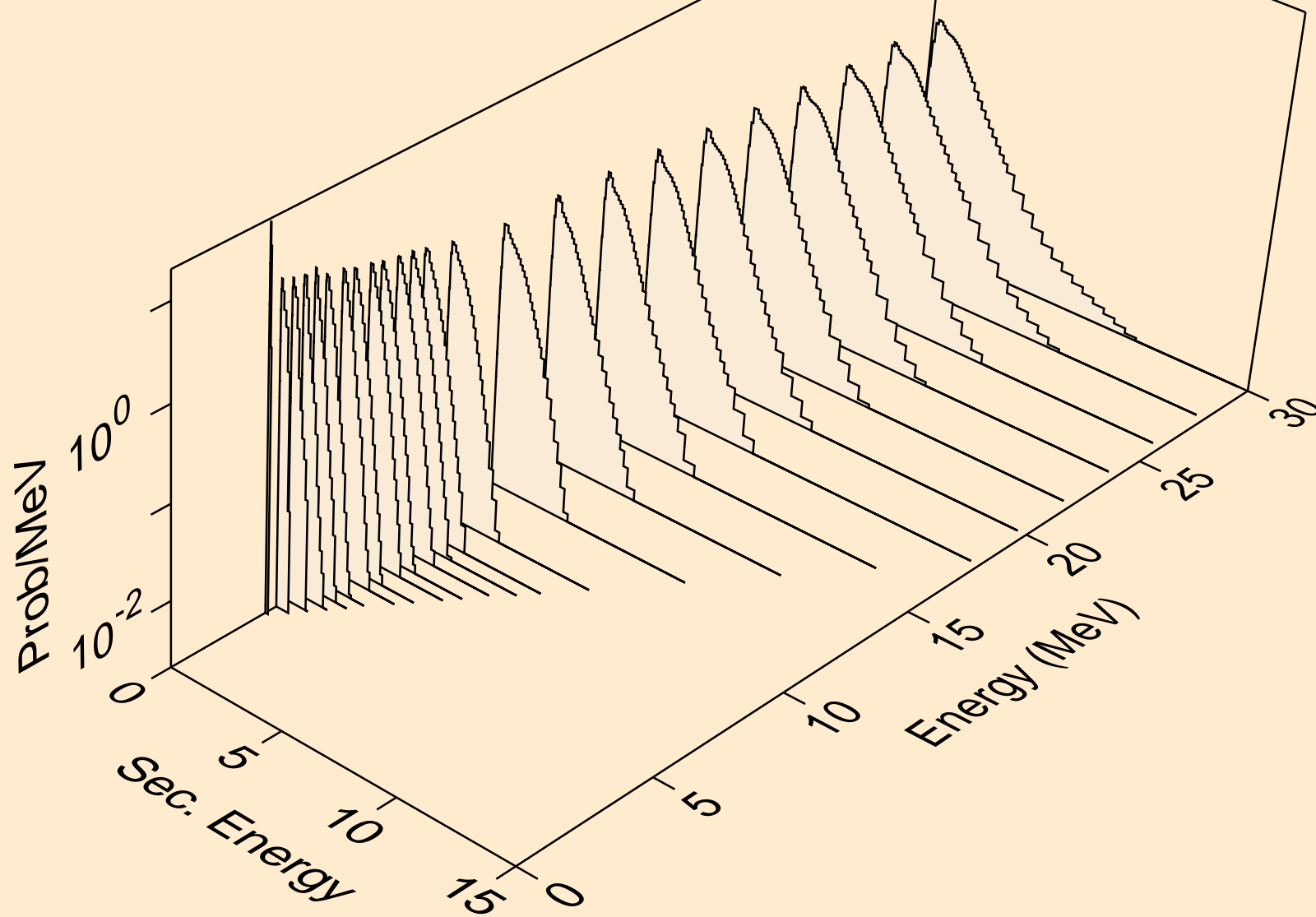
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



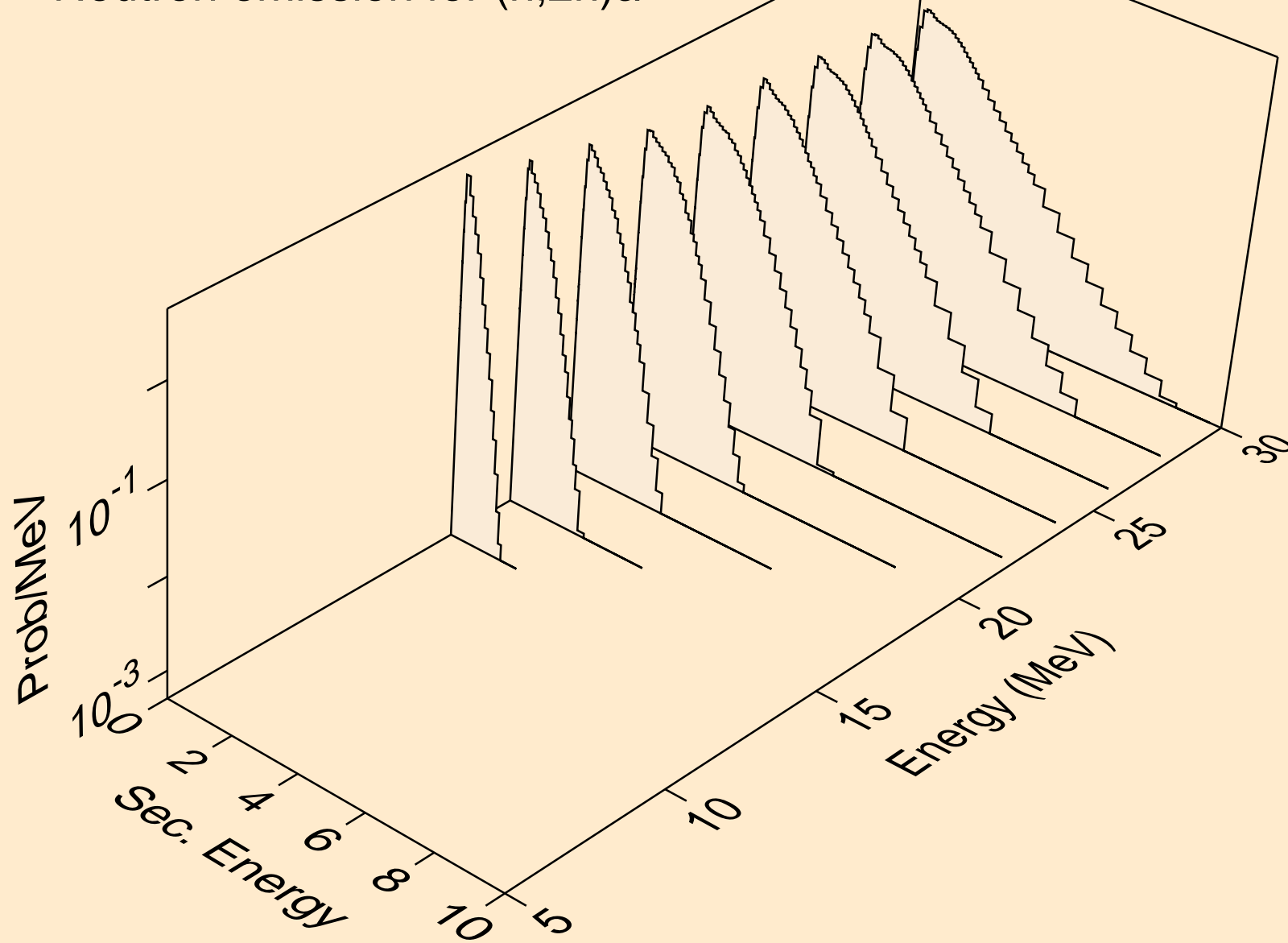
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



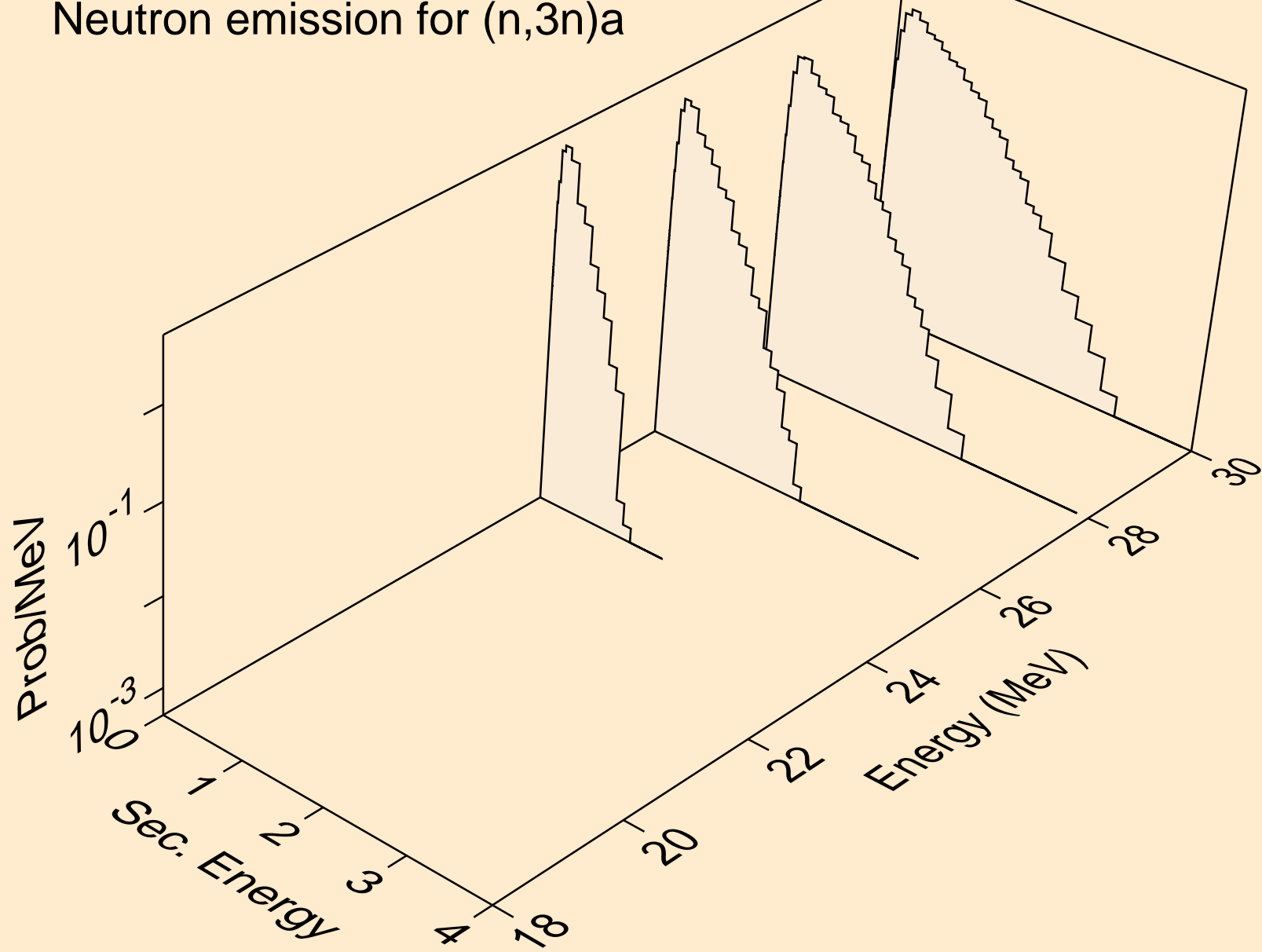
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



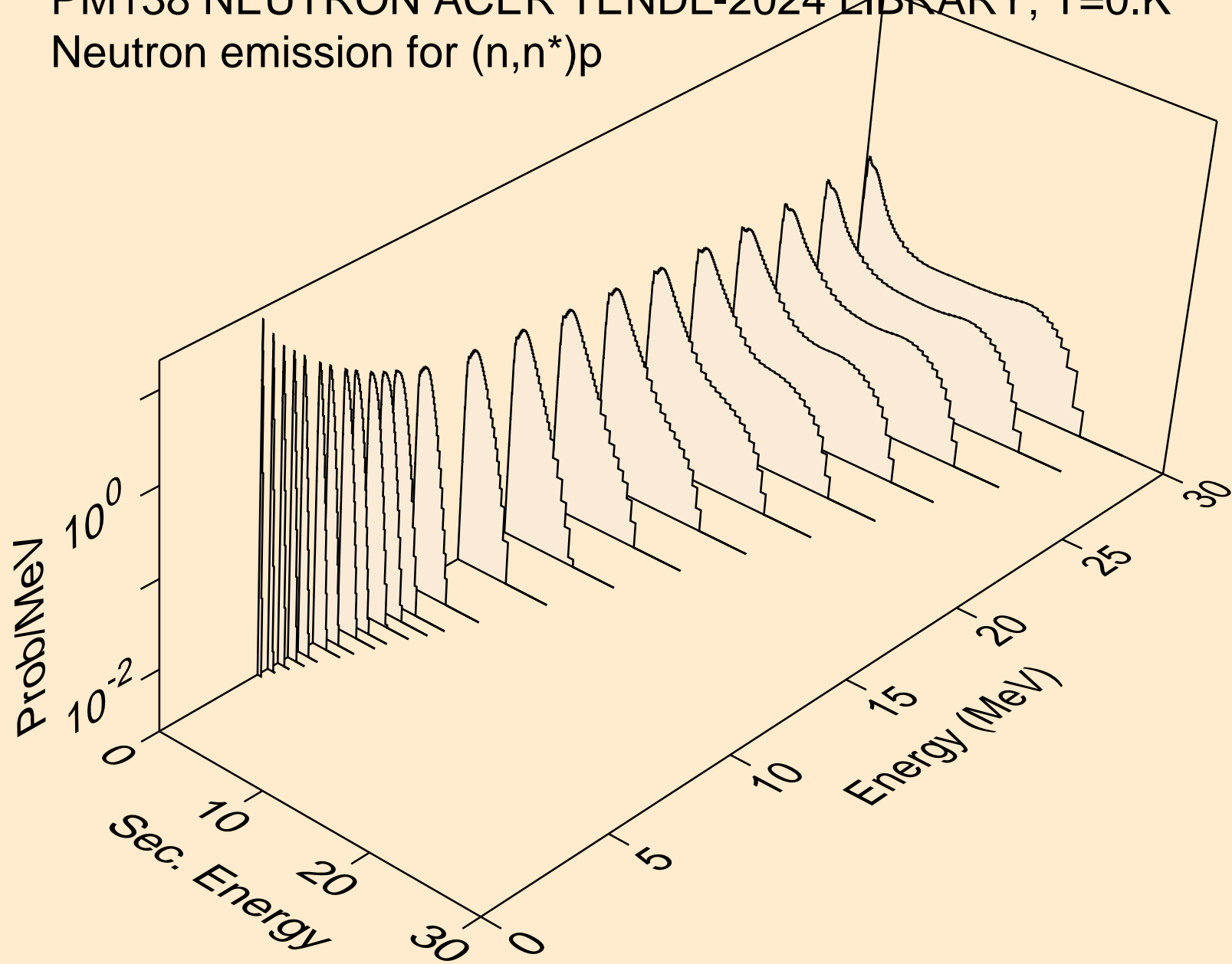
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



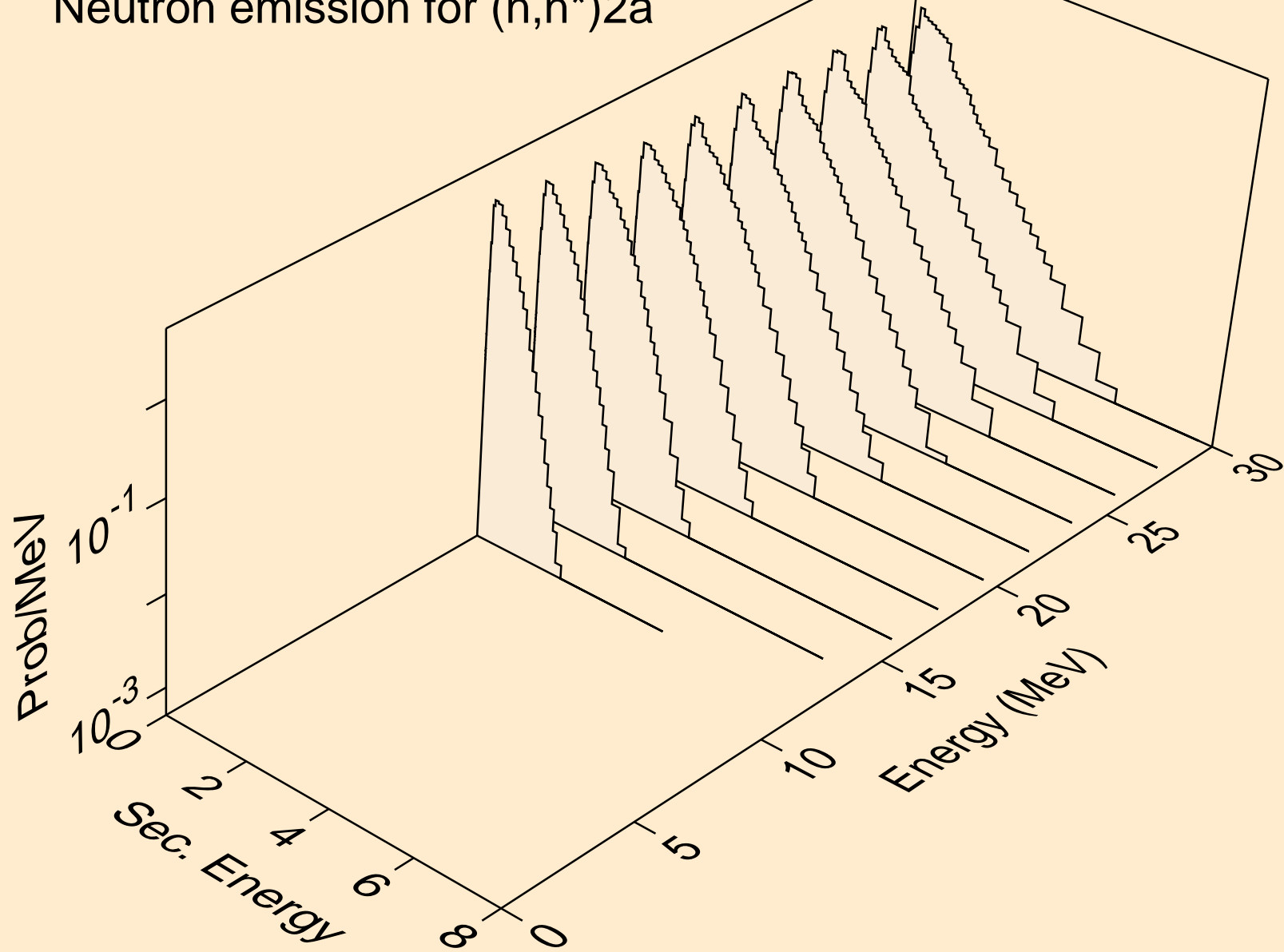
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

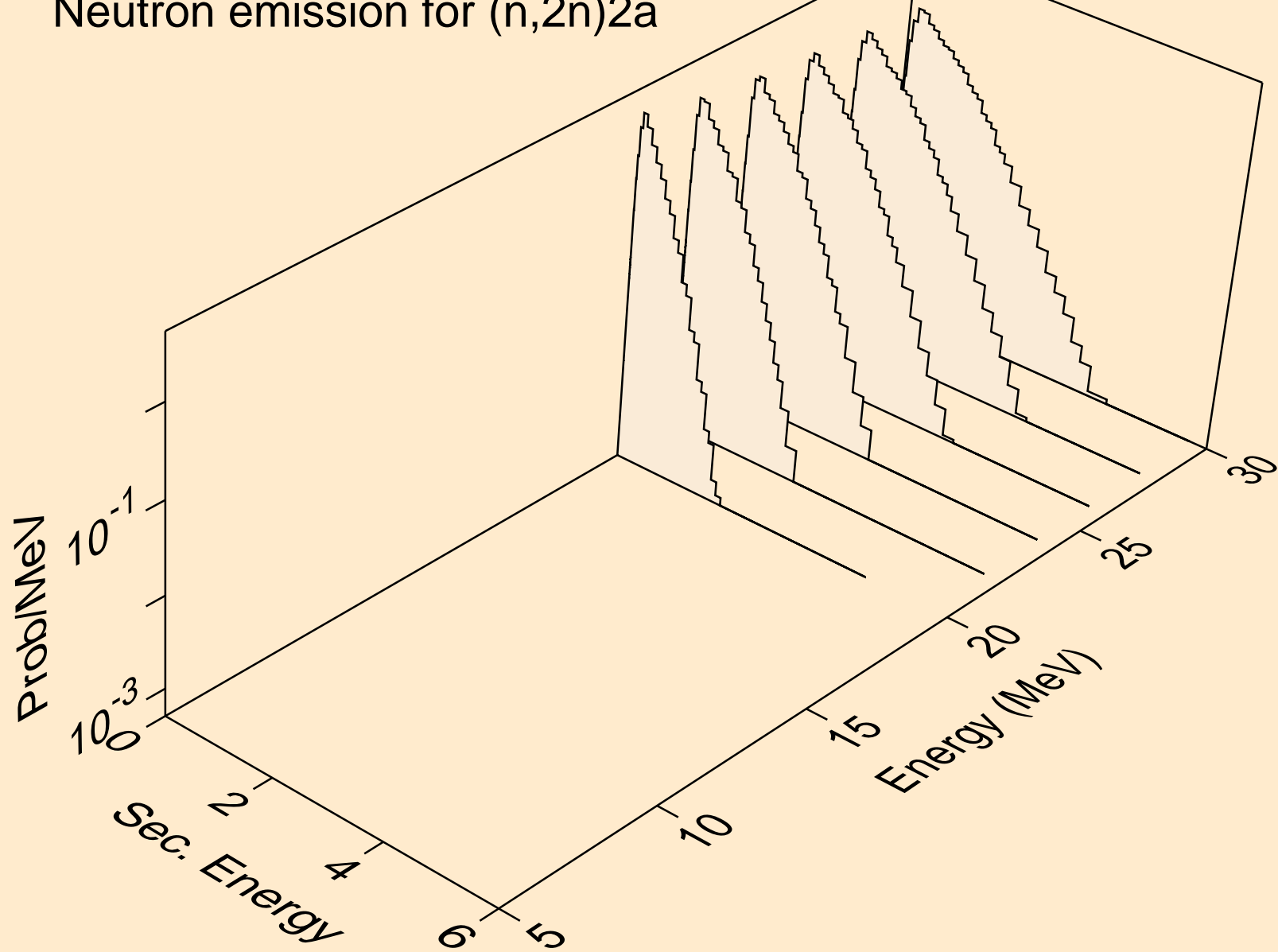


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

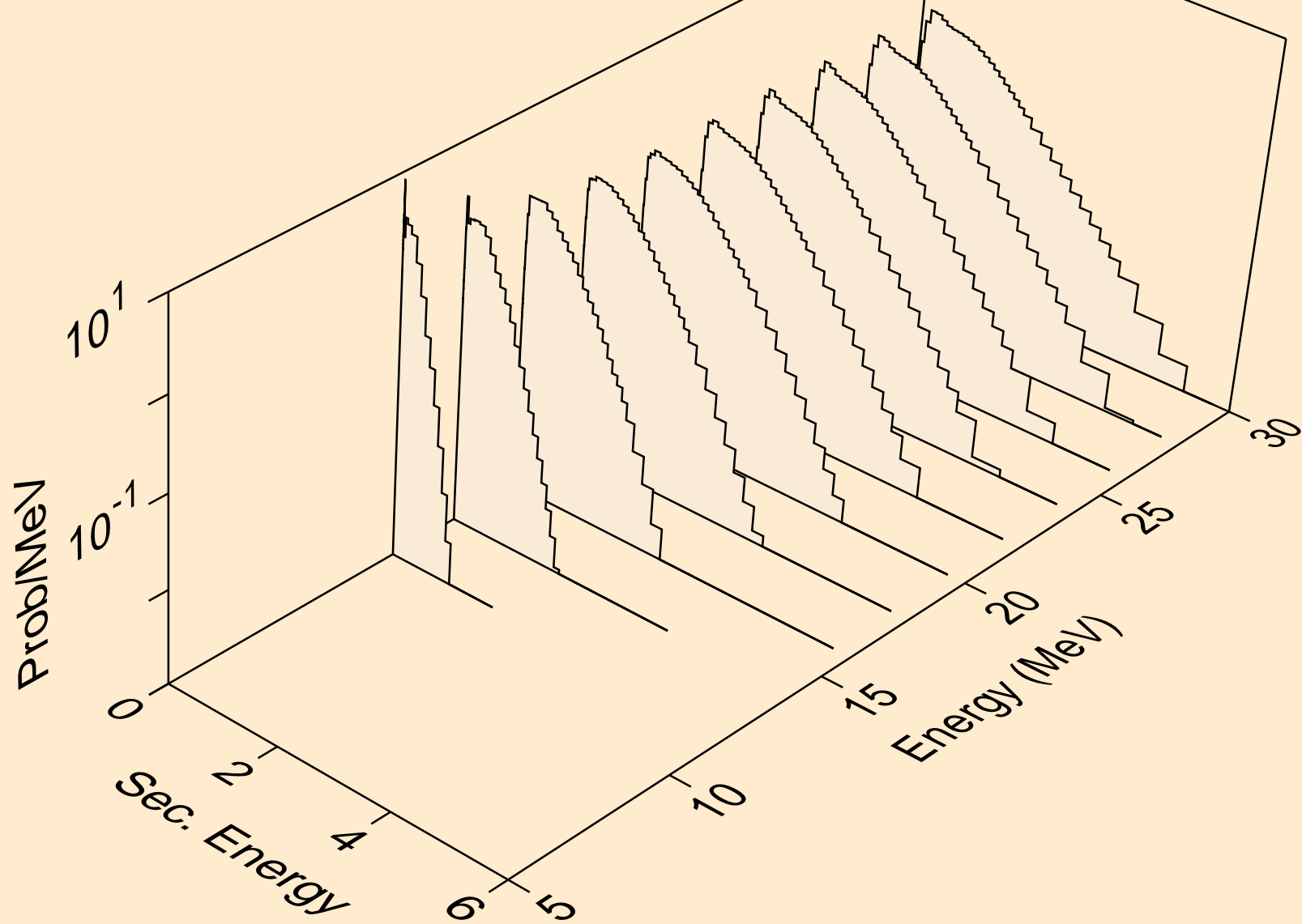




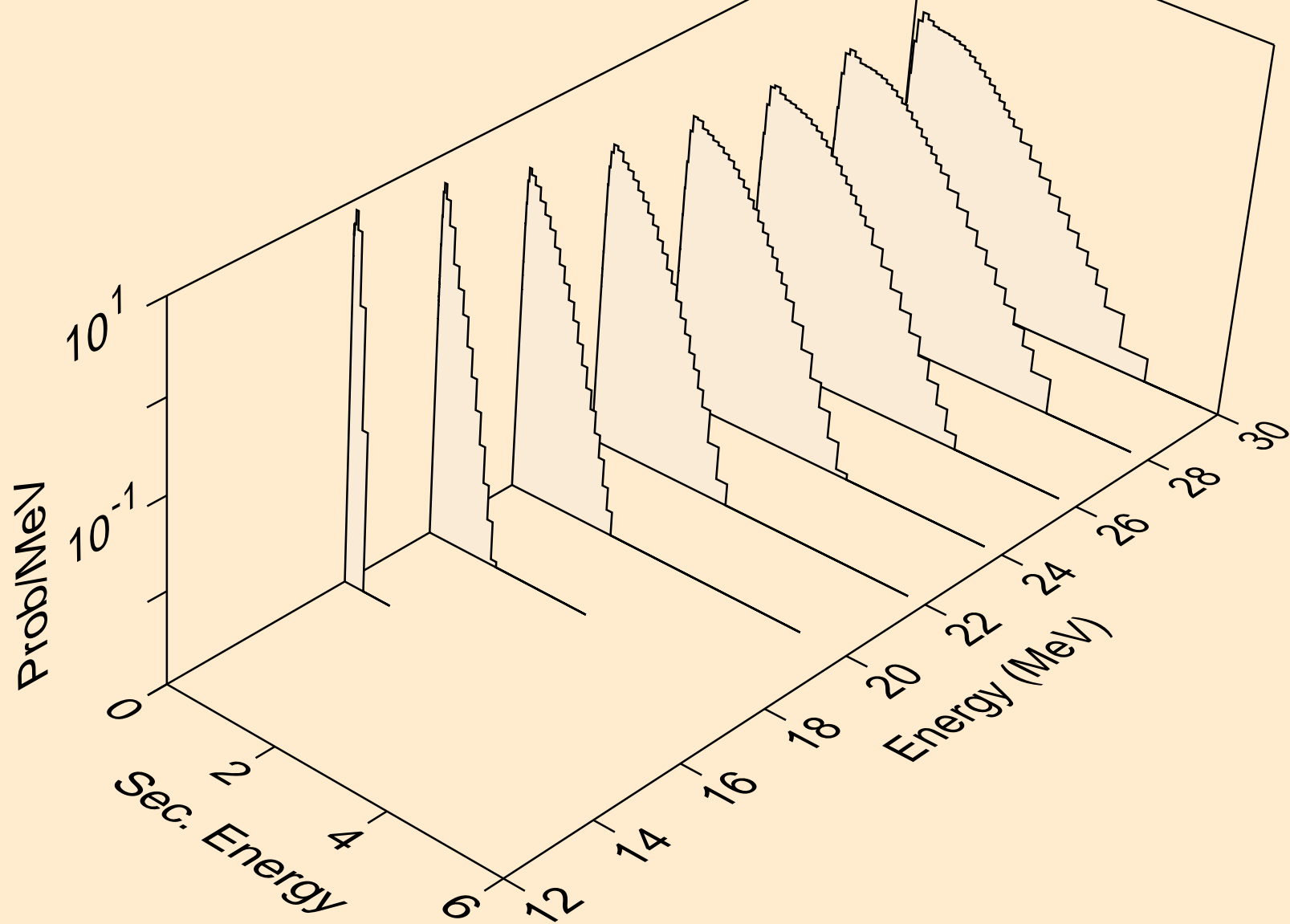
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



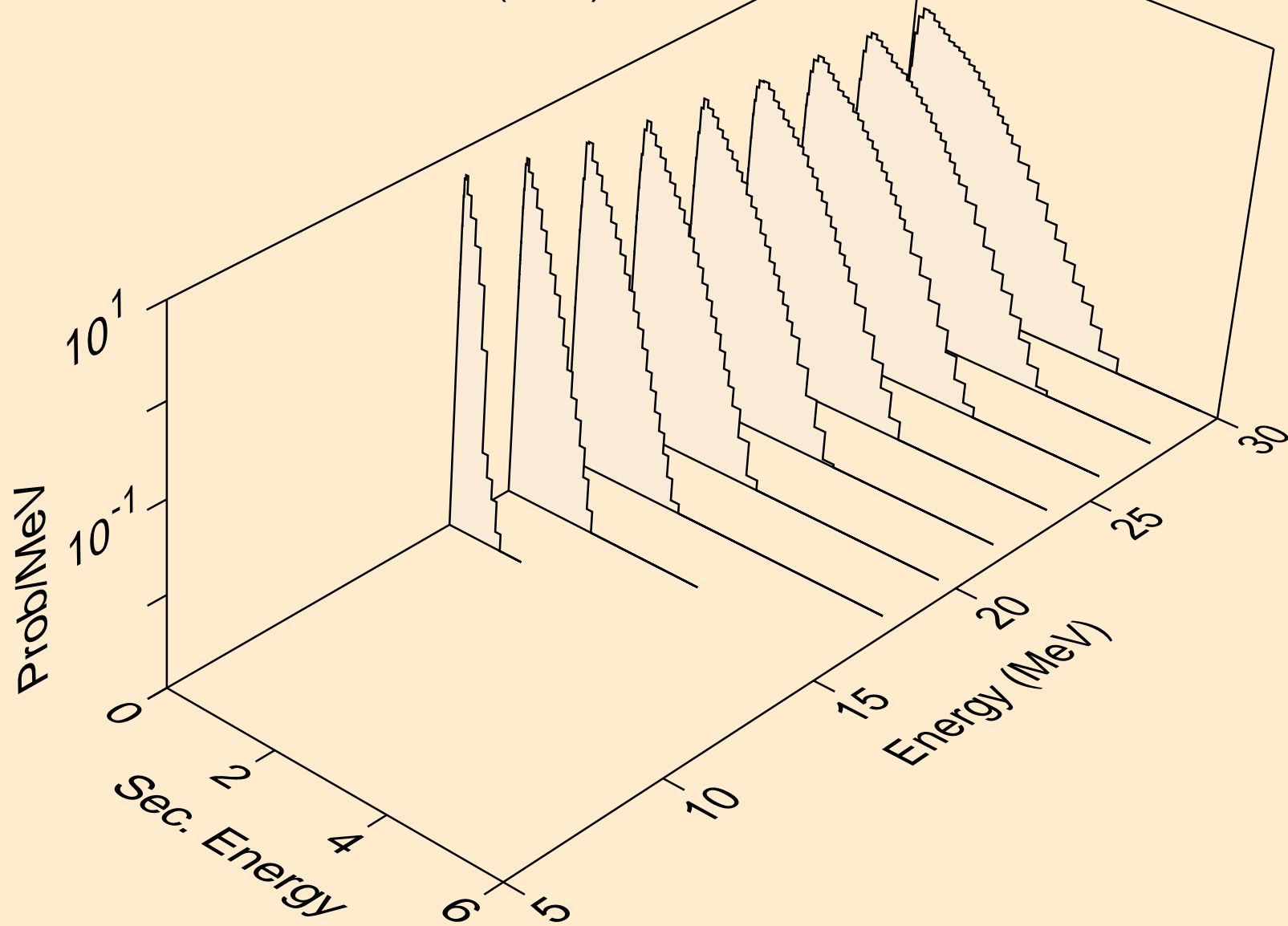
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



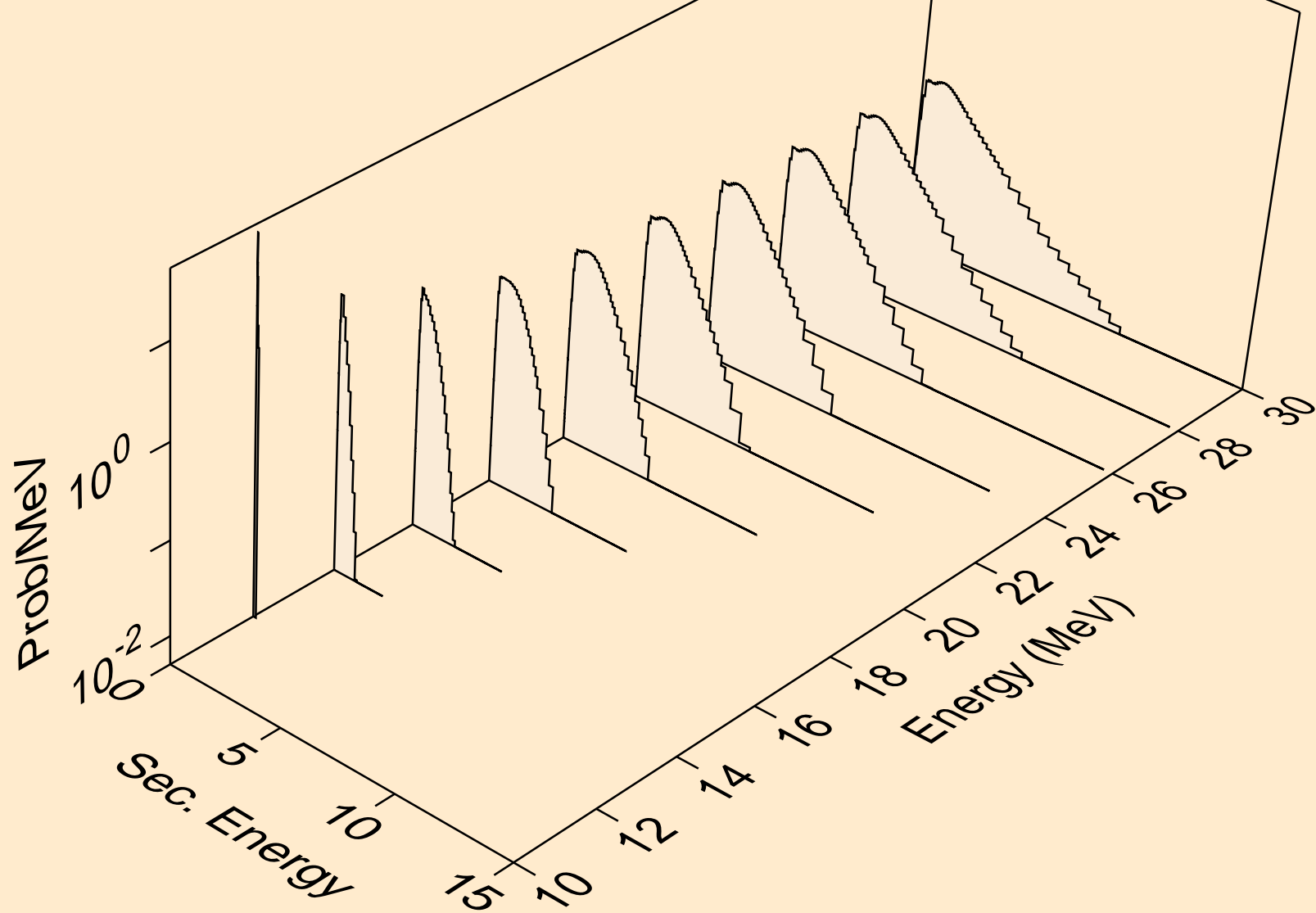
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



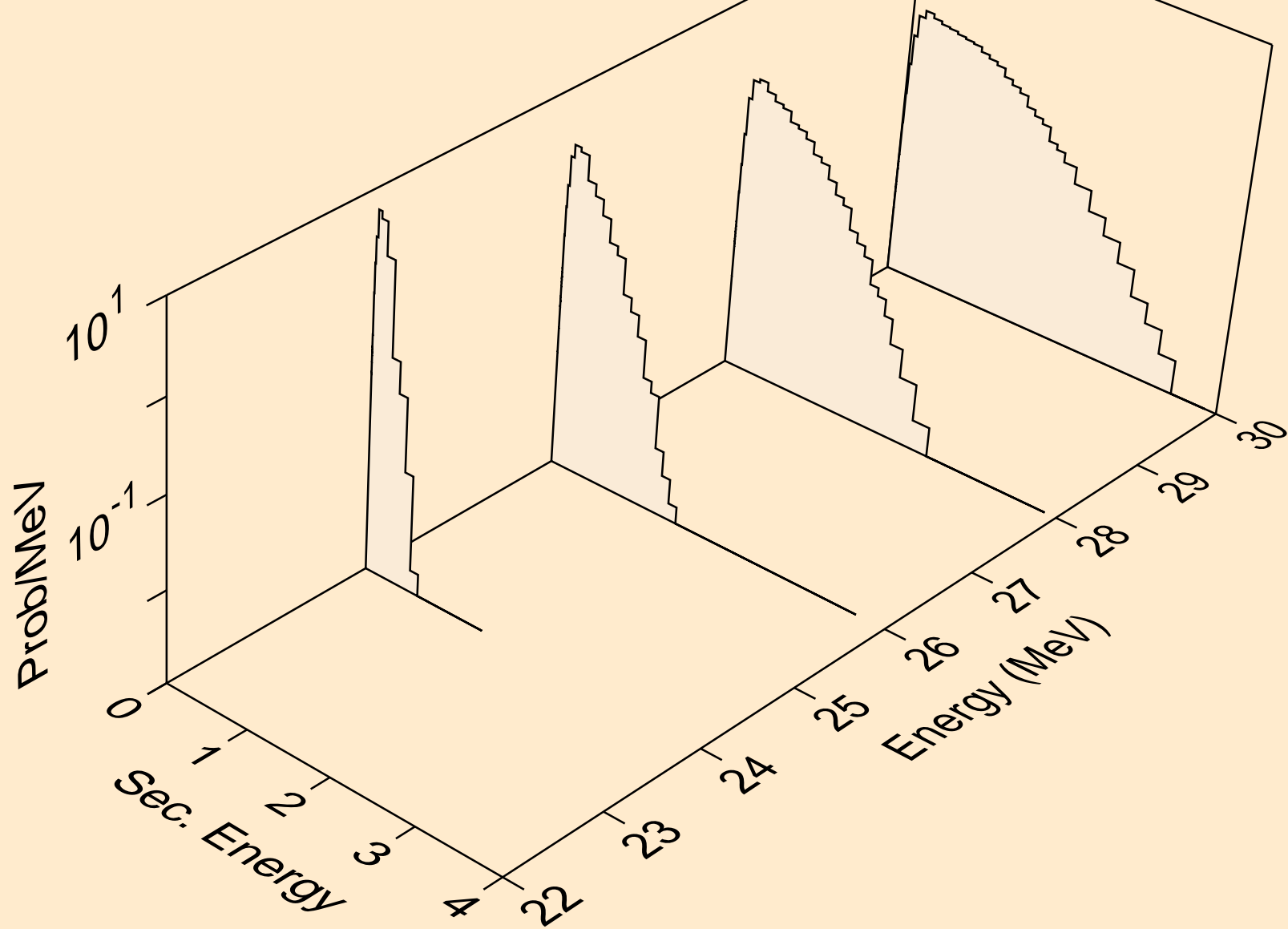
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



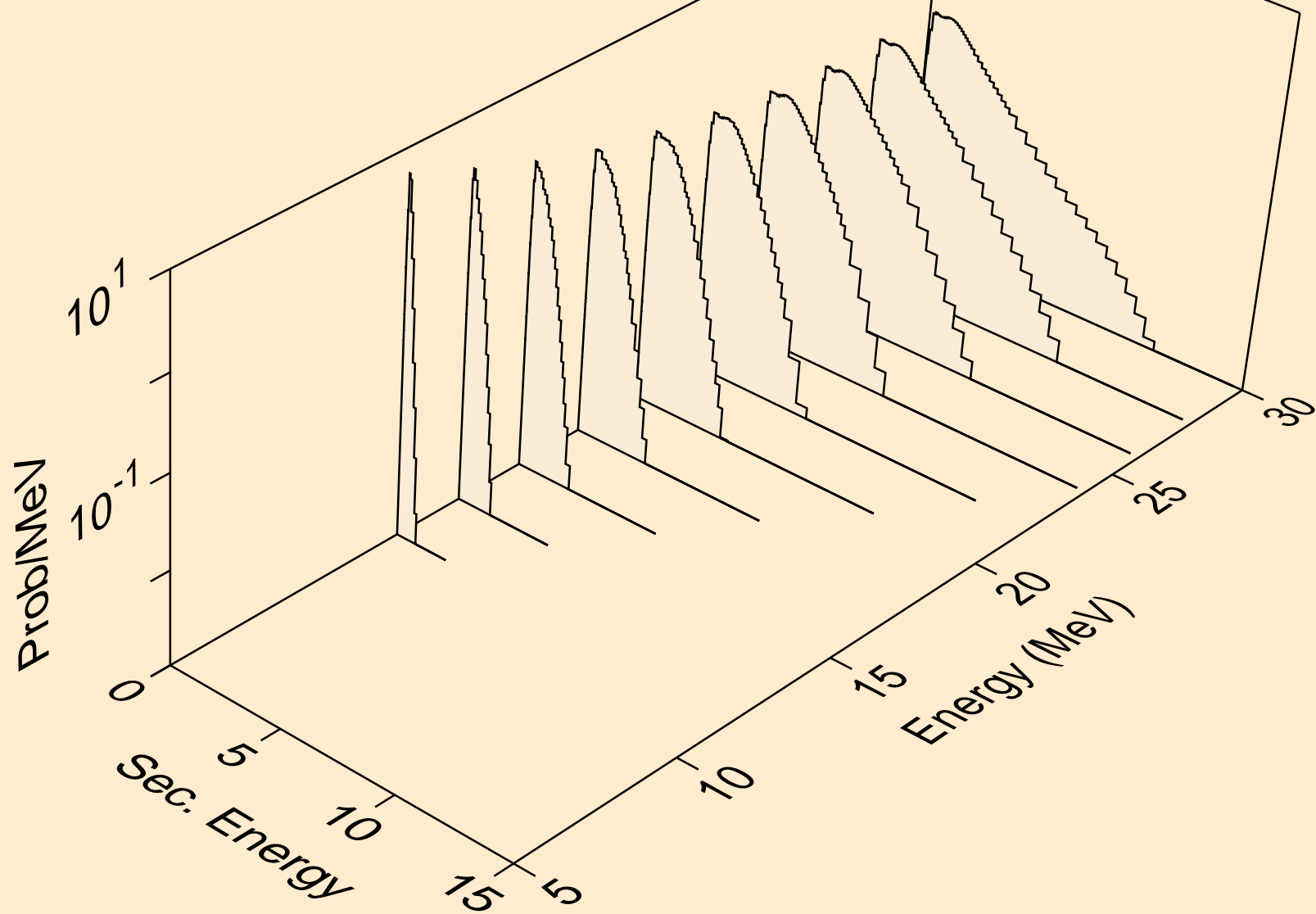
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



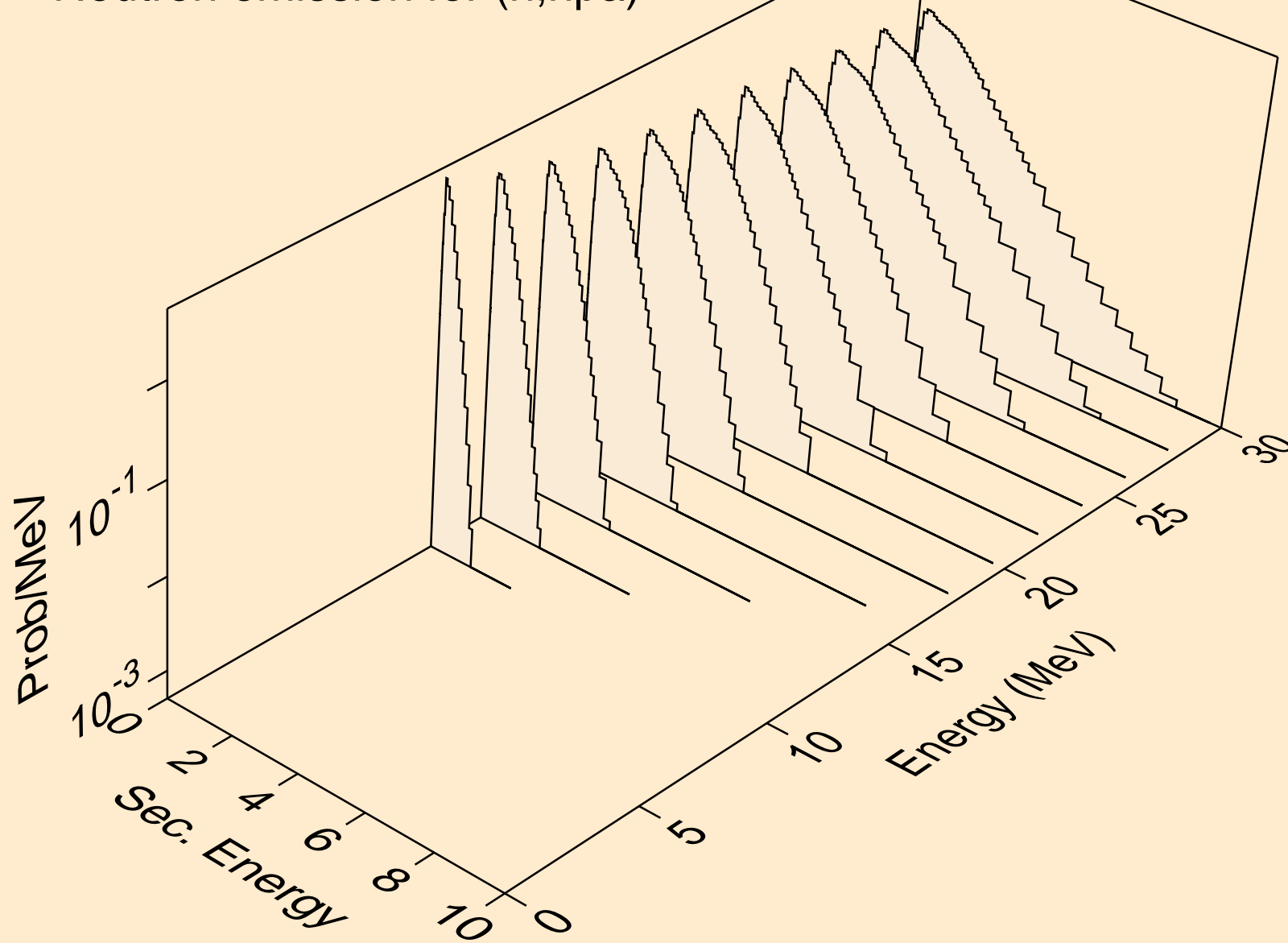
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

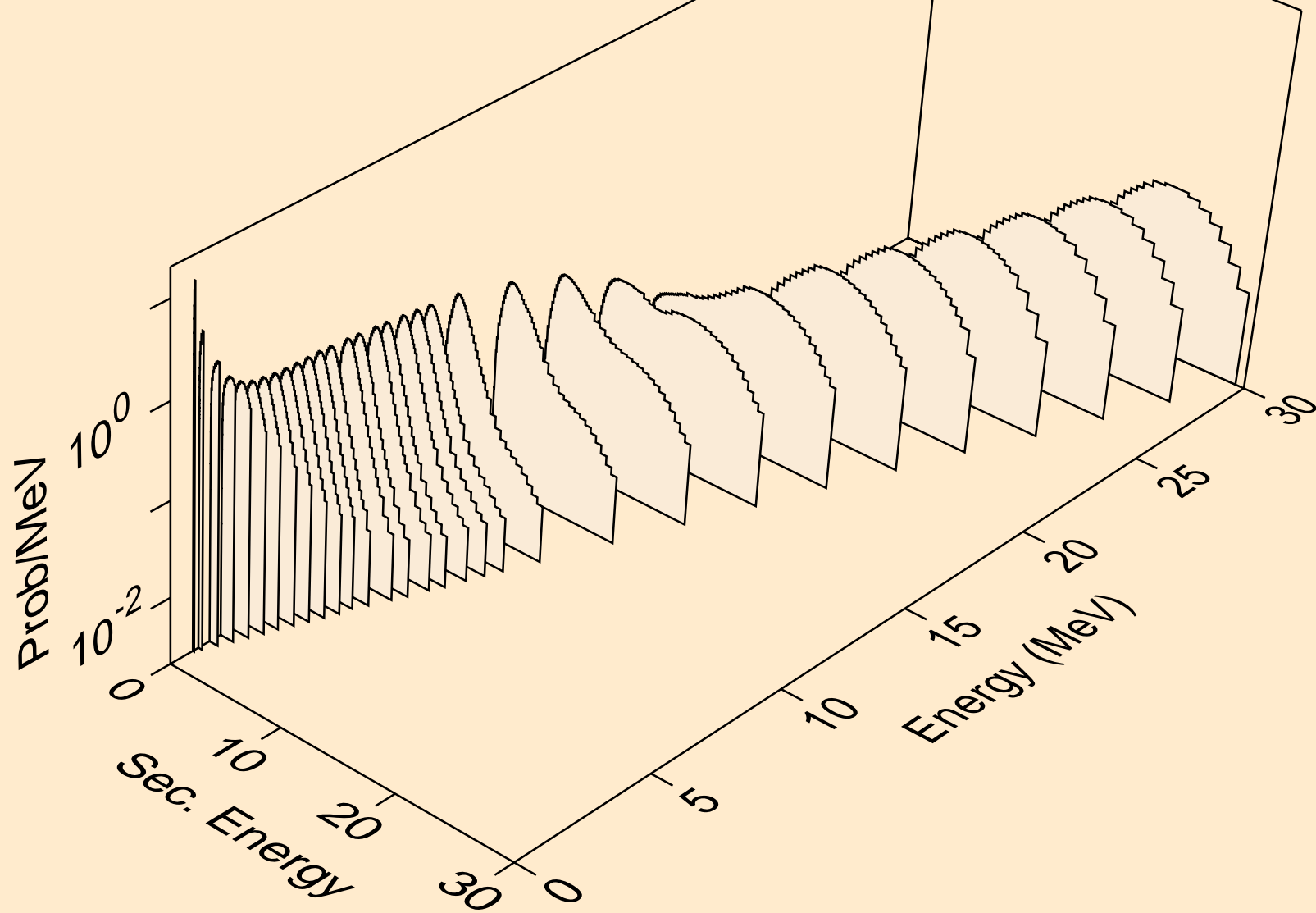


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

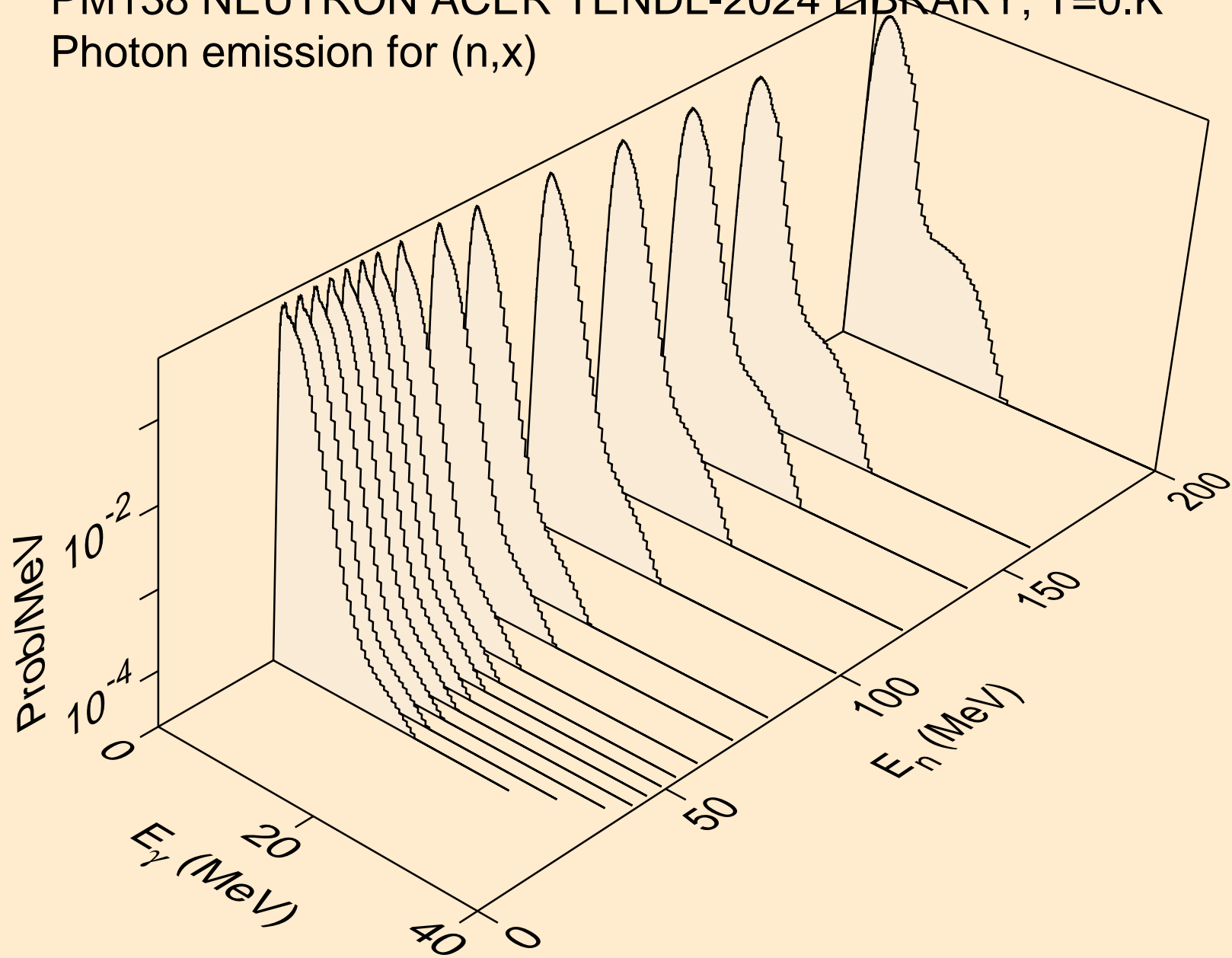




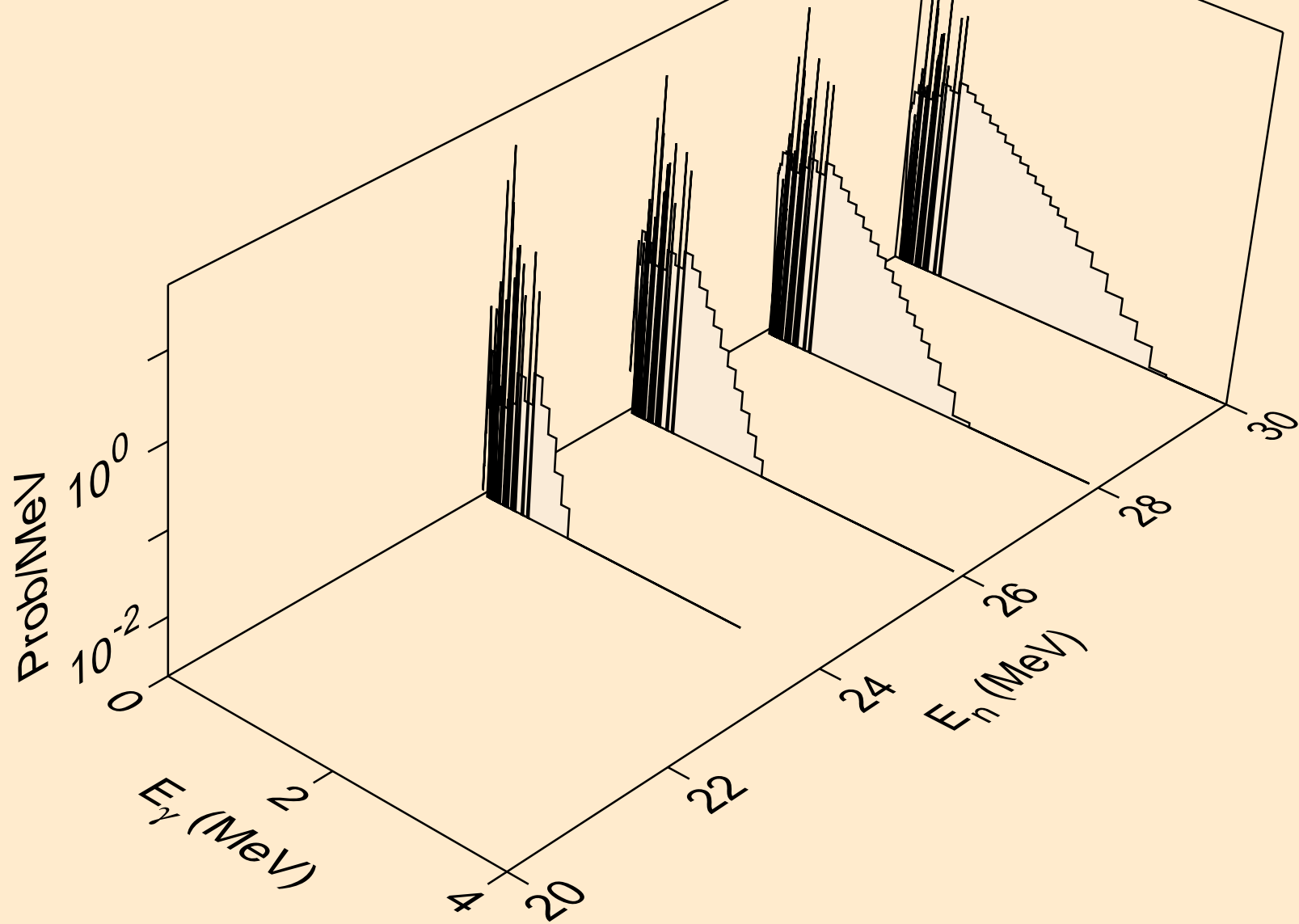
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



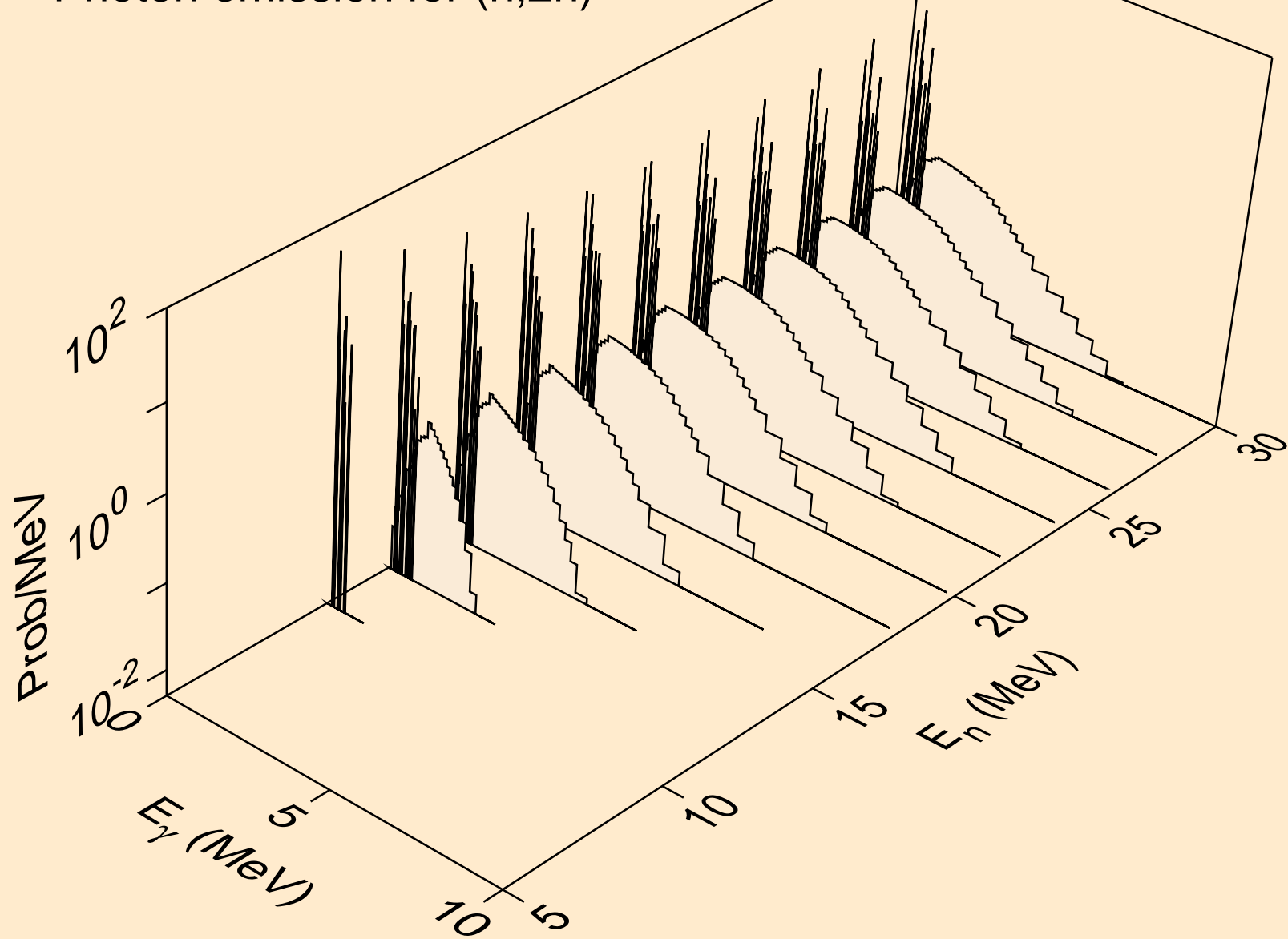
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



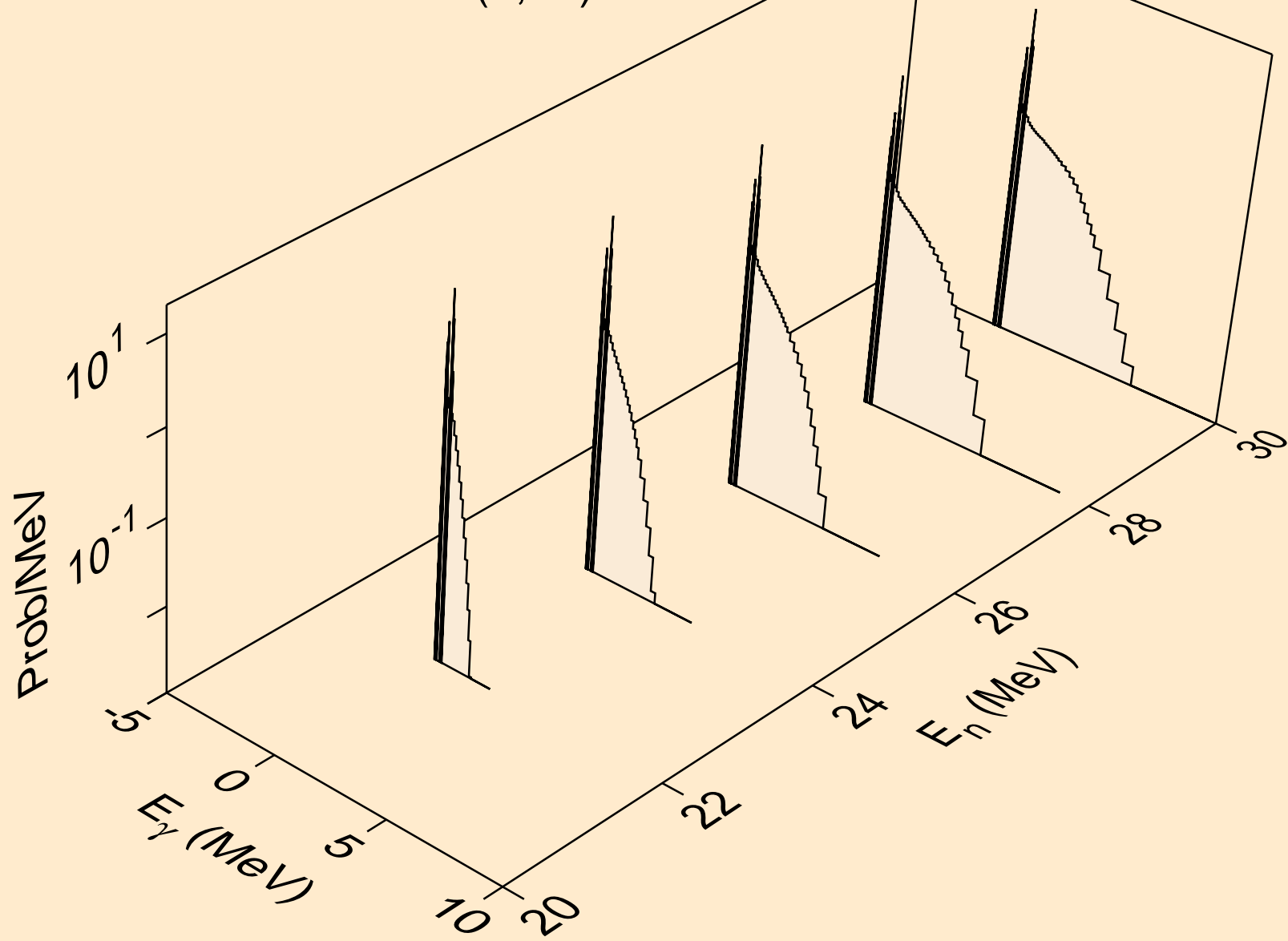
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



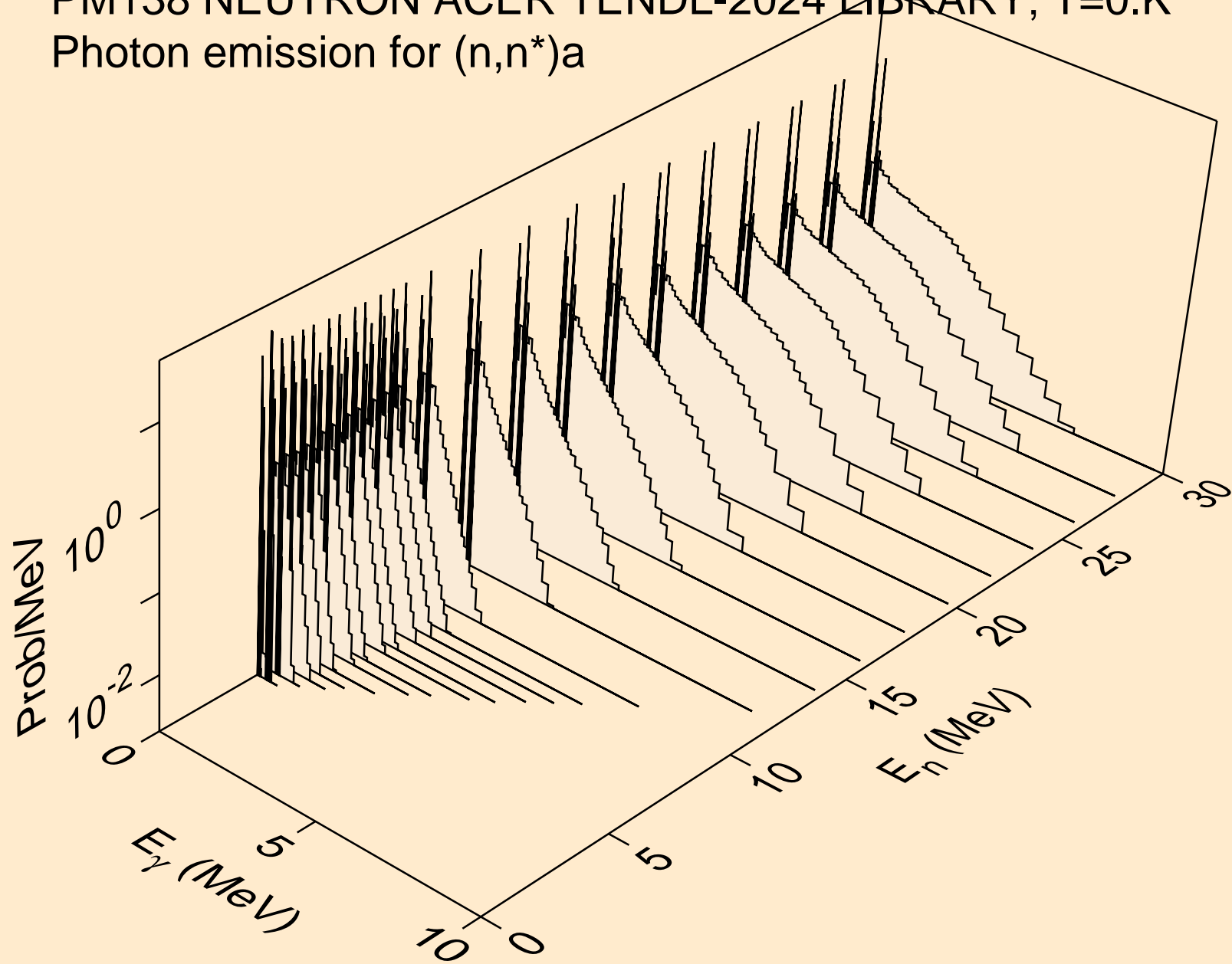
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Photon emission for (n,2n)



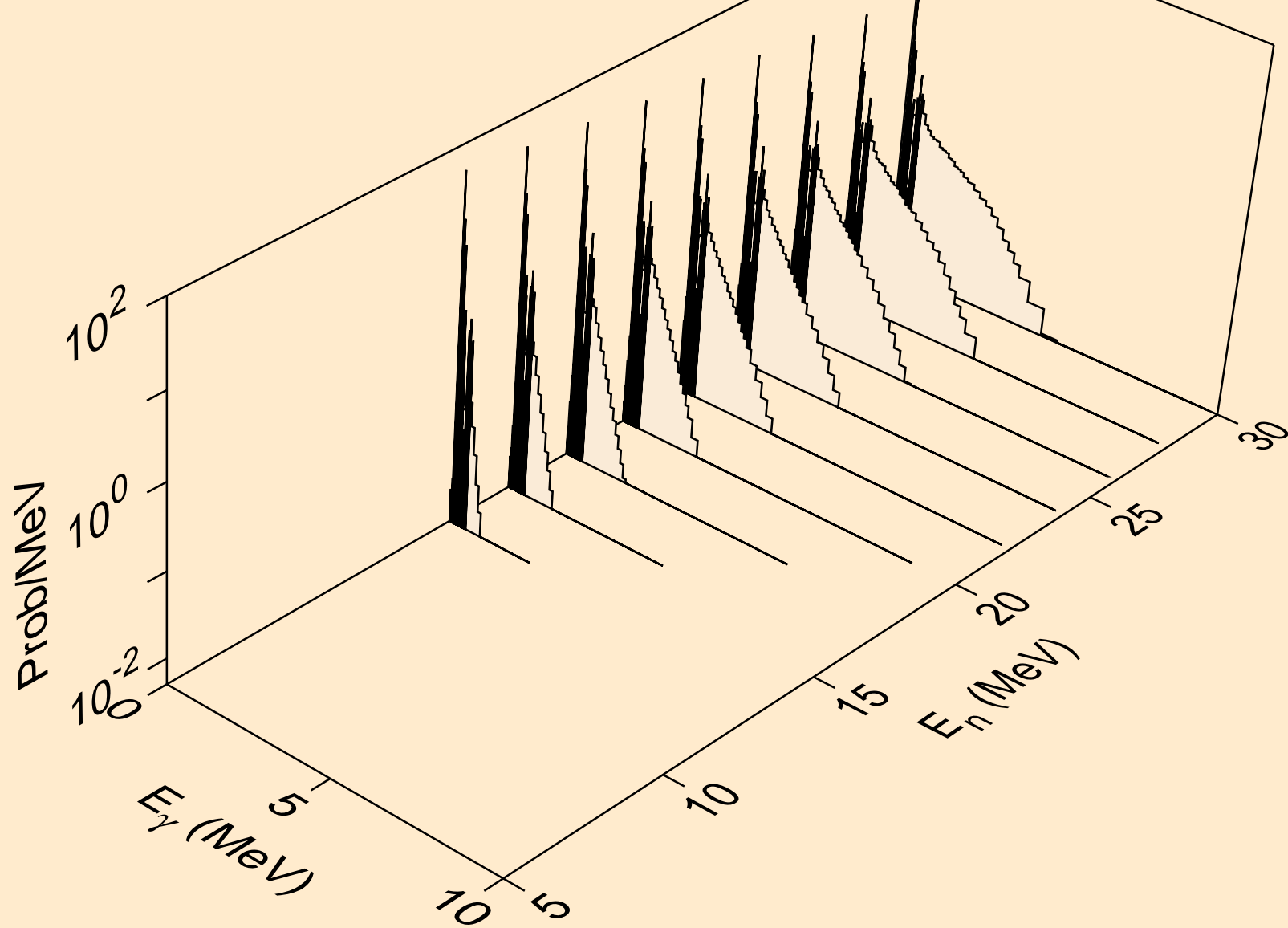
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



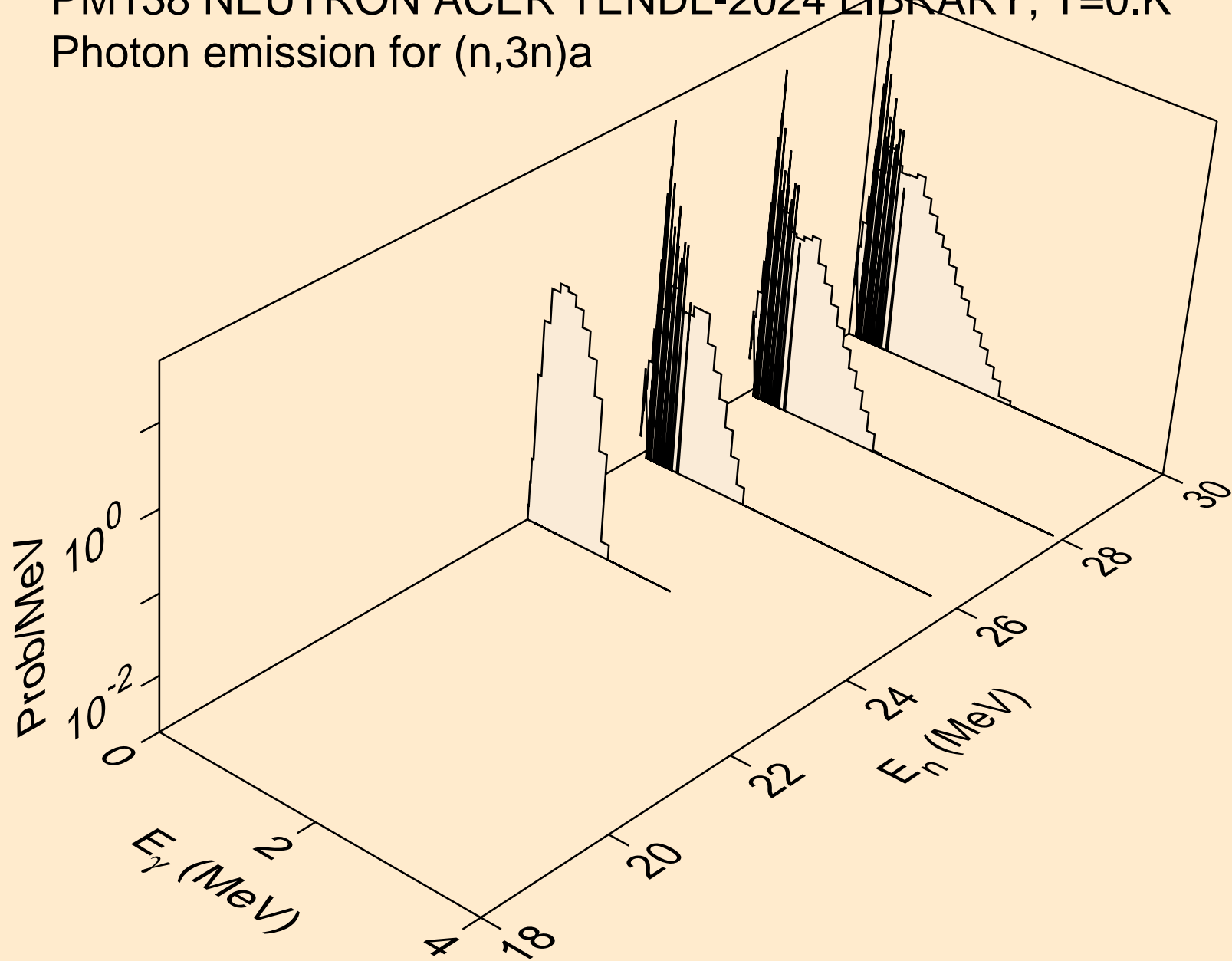
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

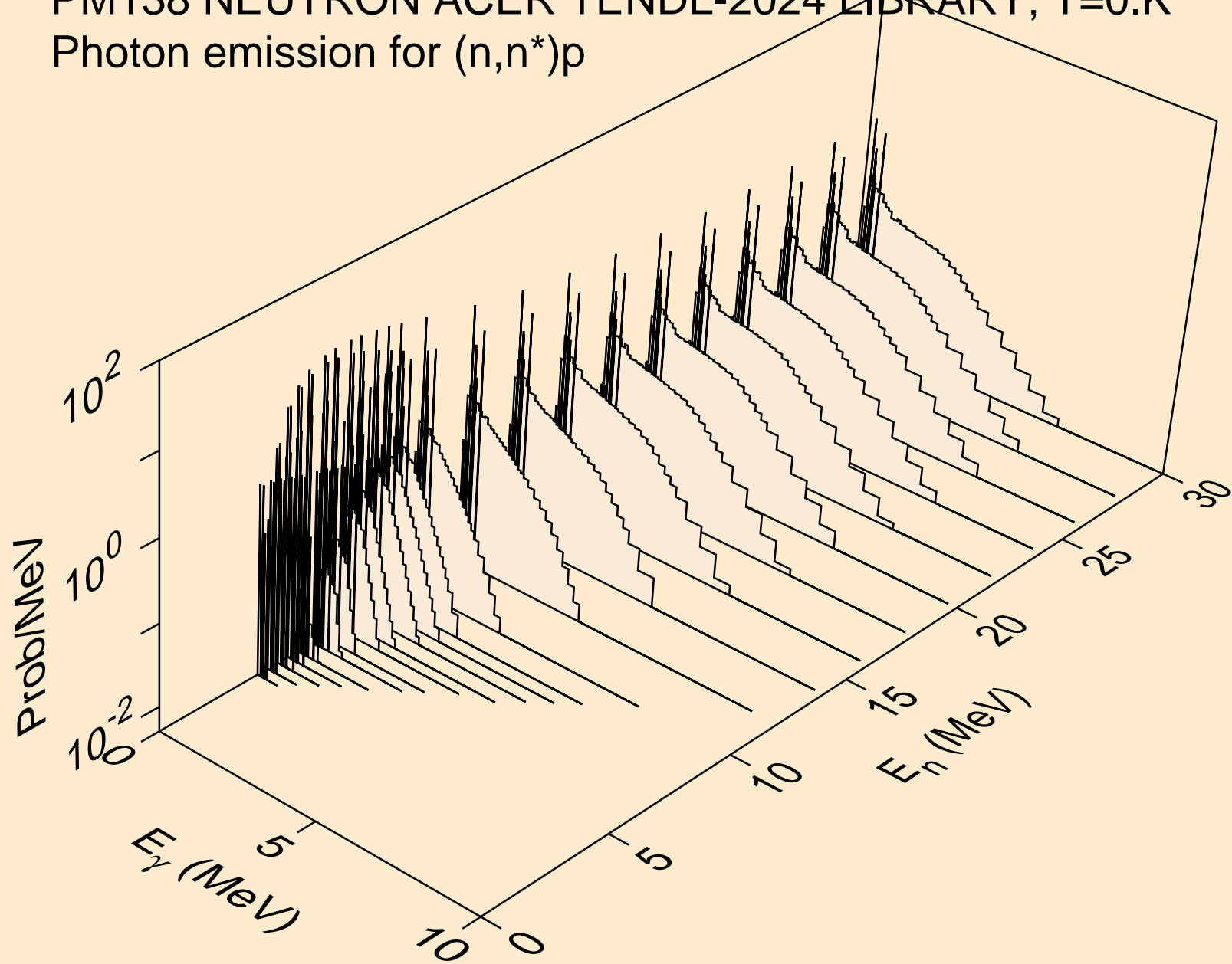


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

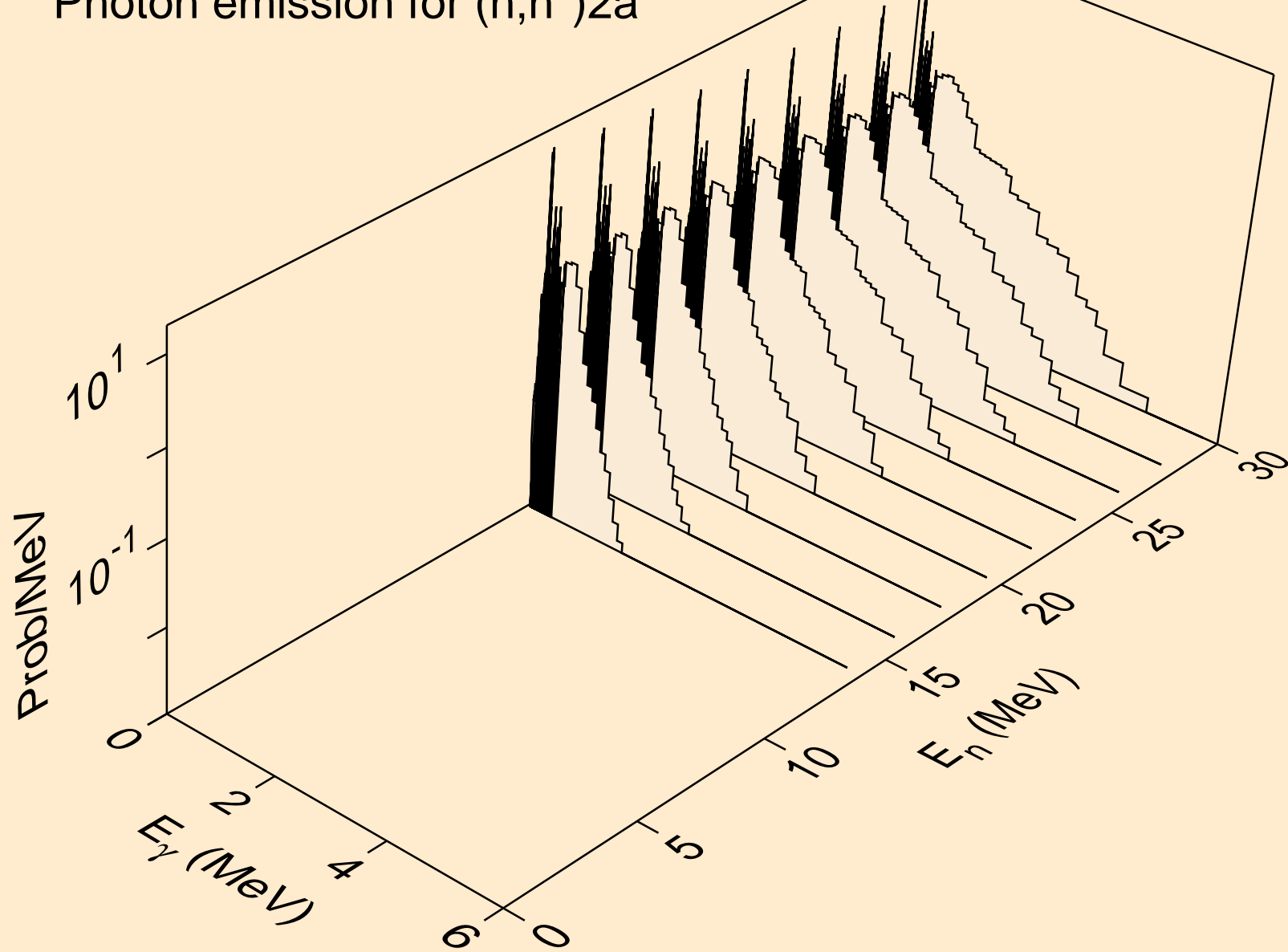




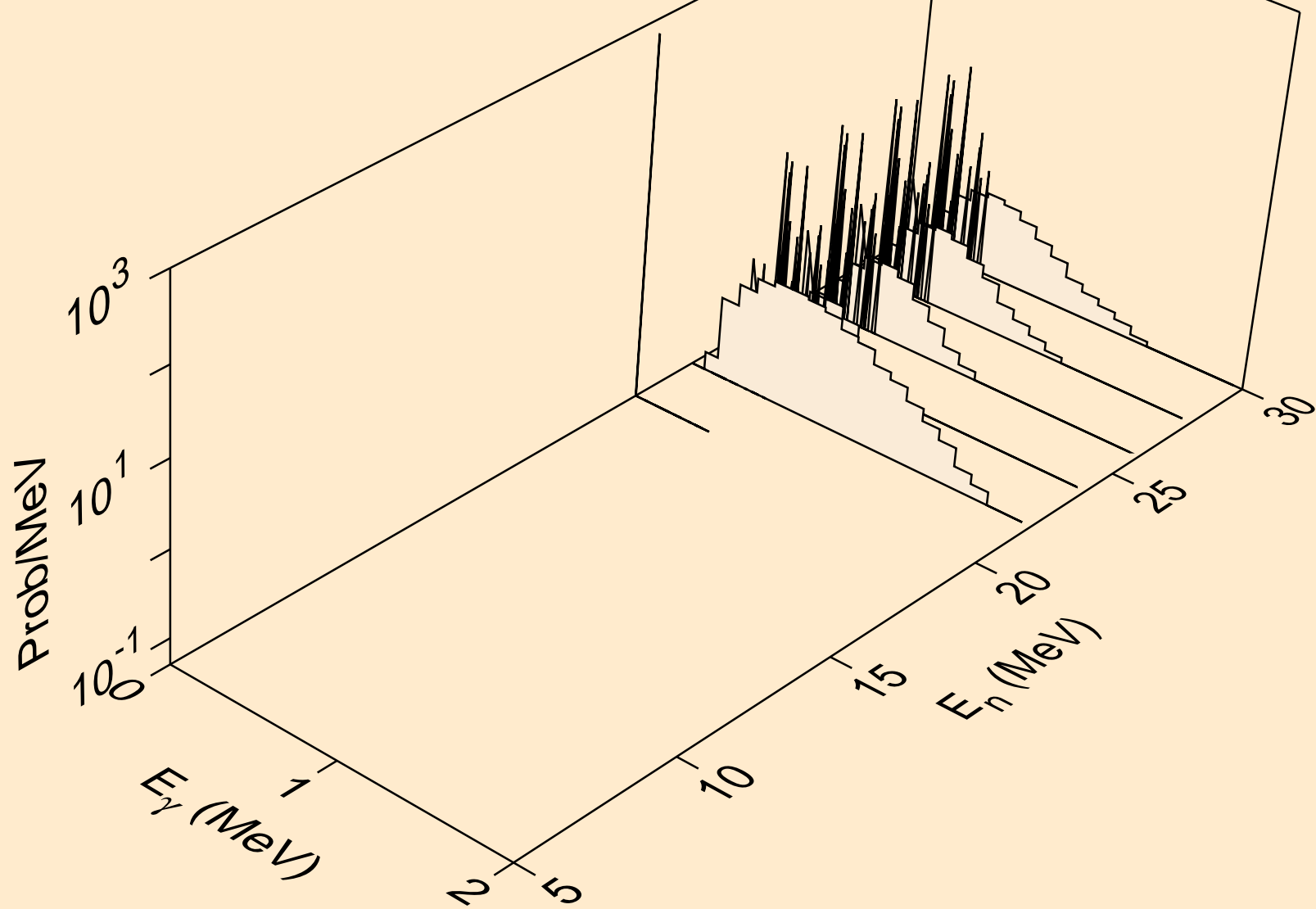
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



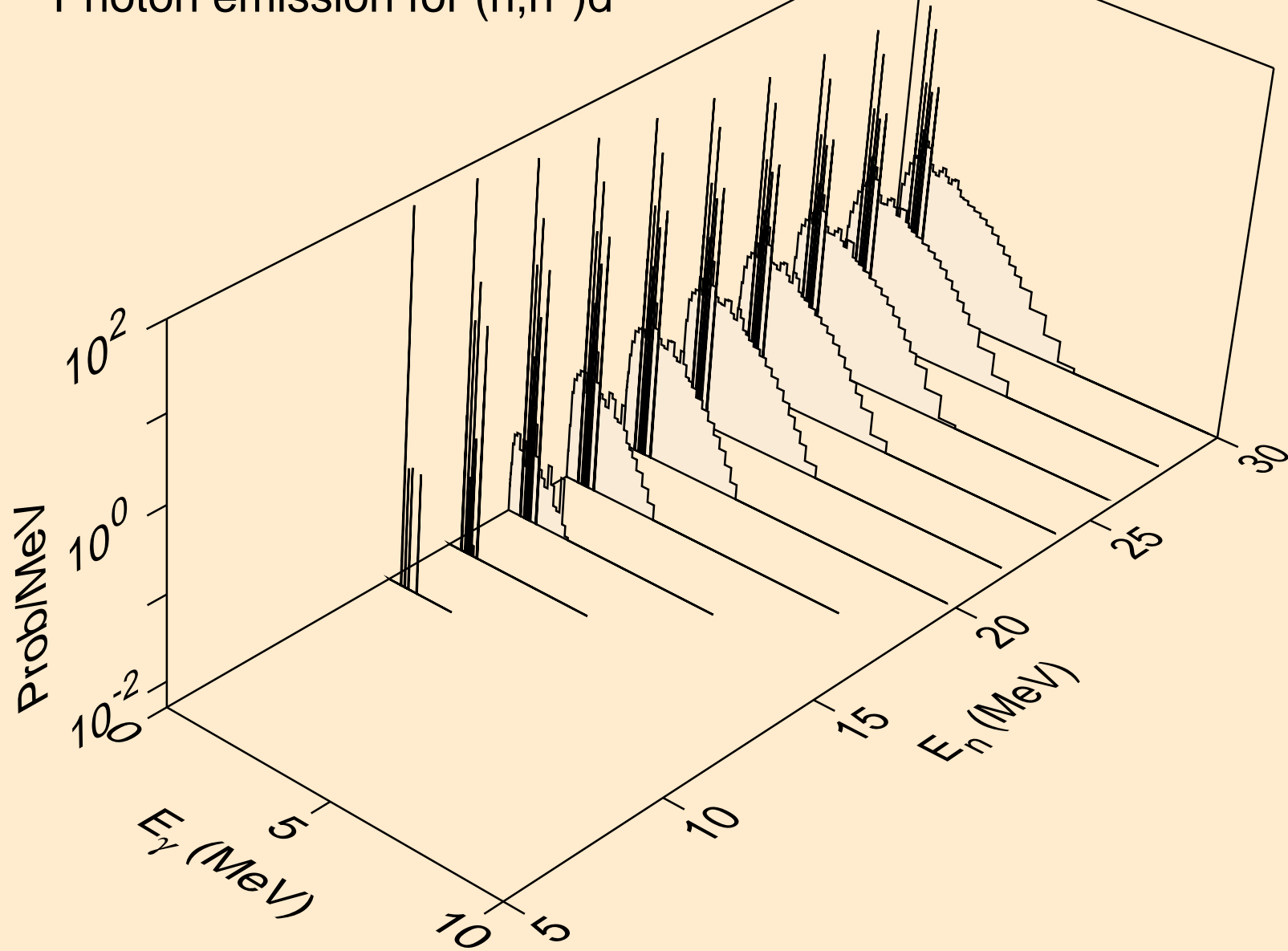
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



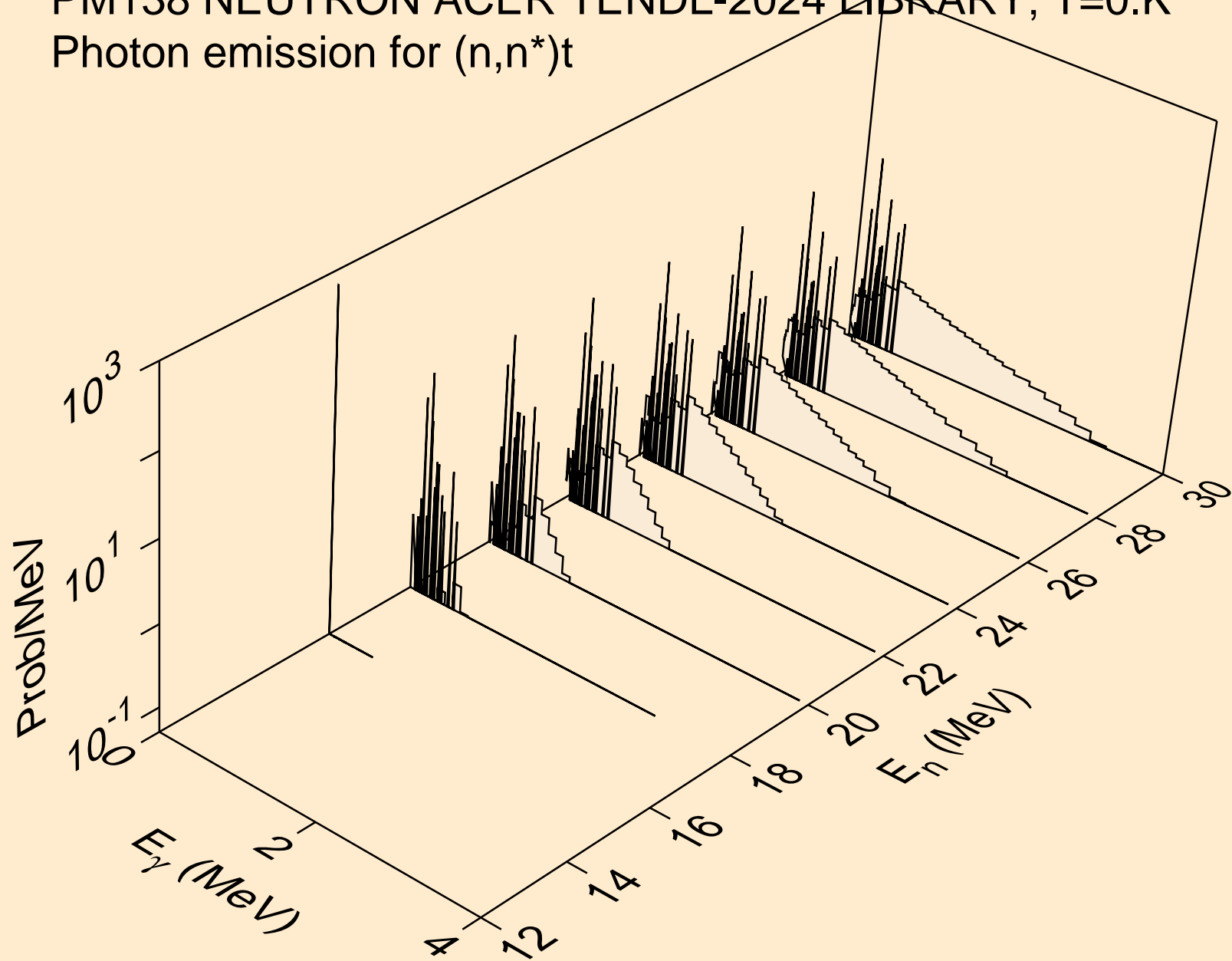
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



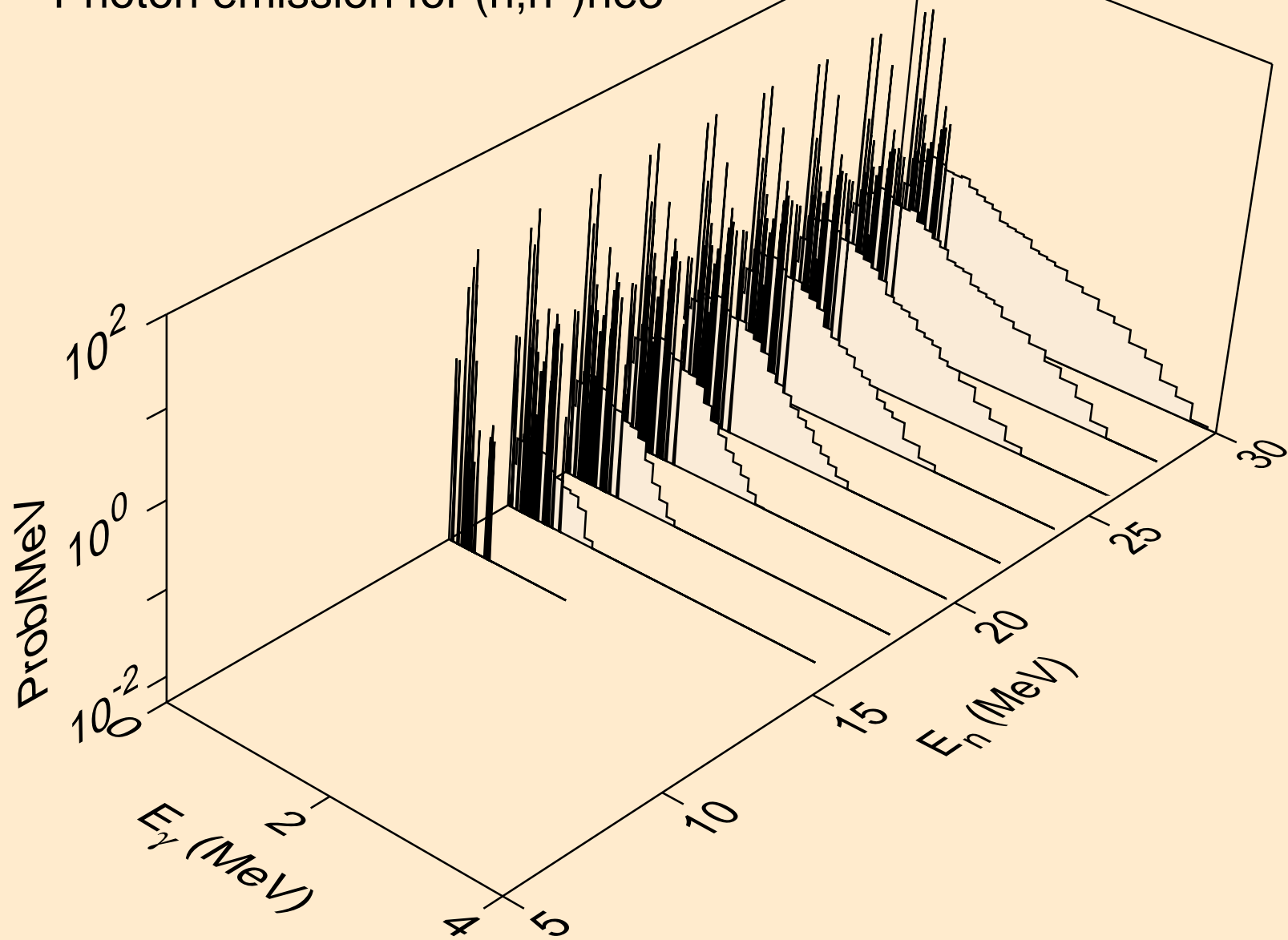
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



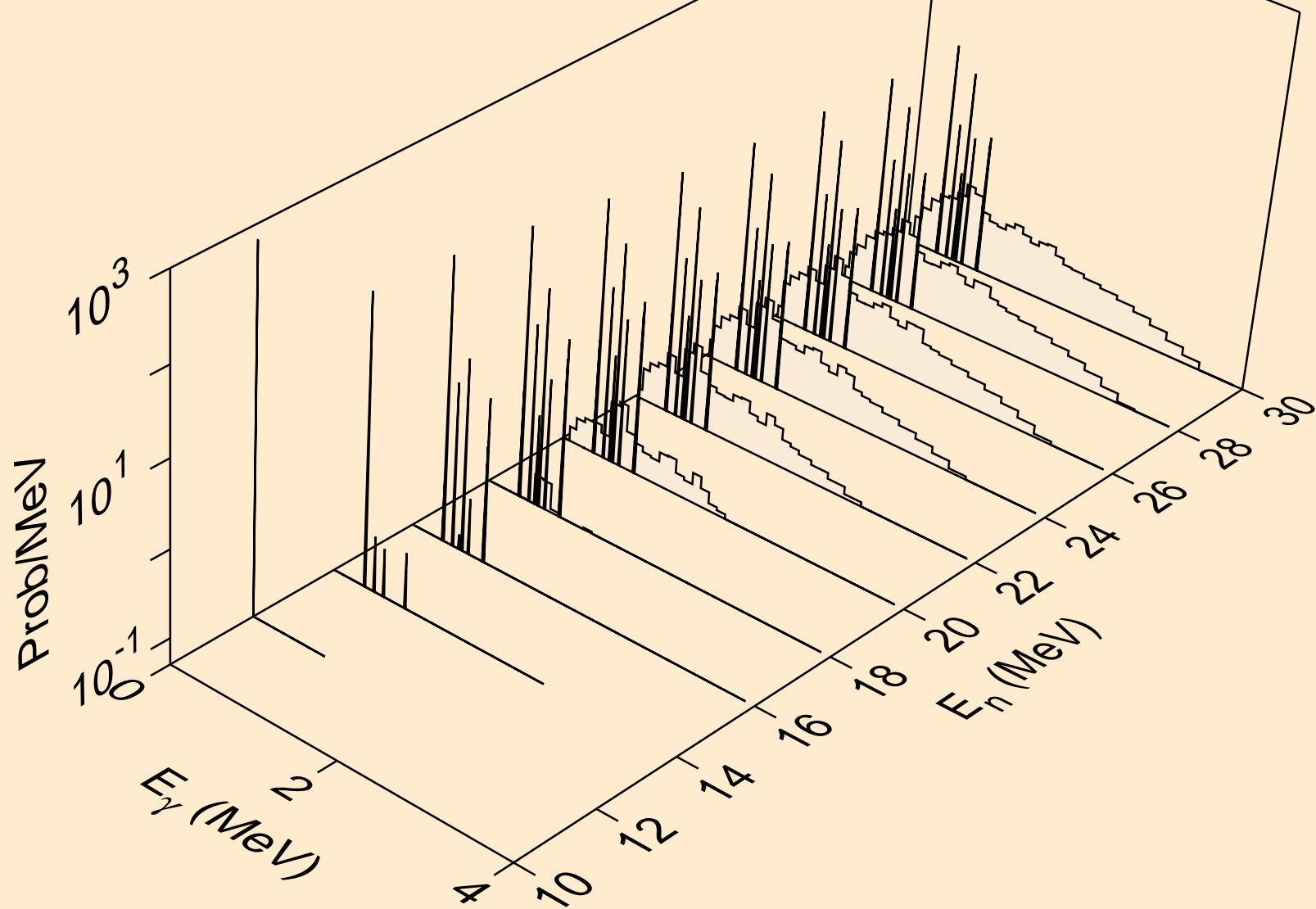
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



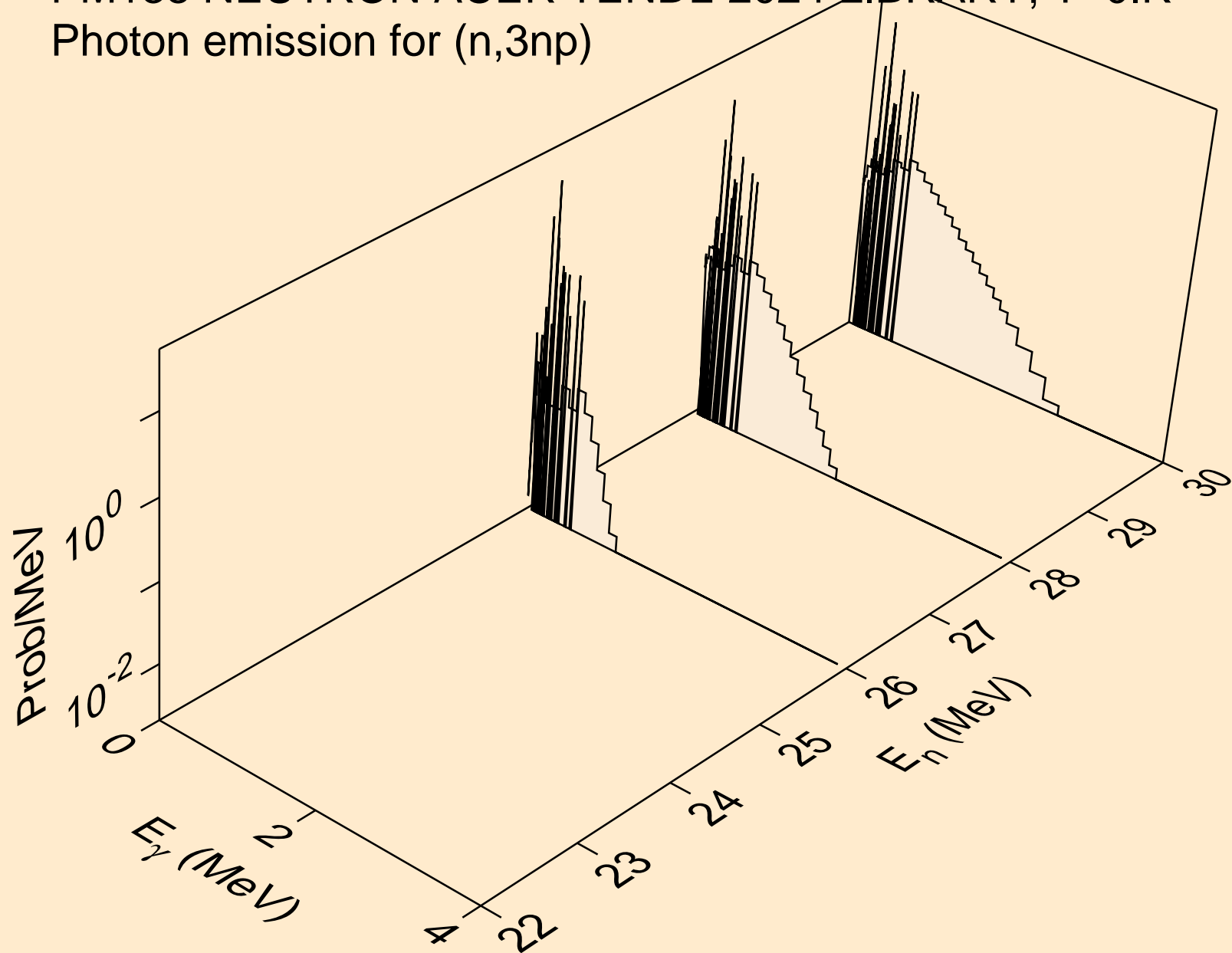
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

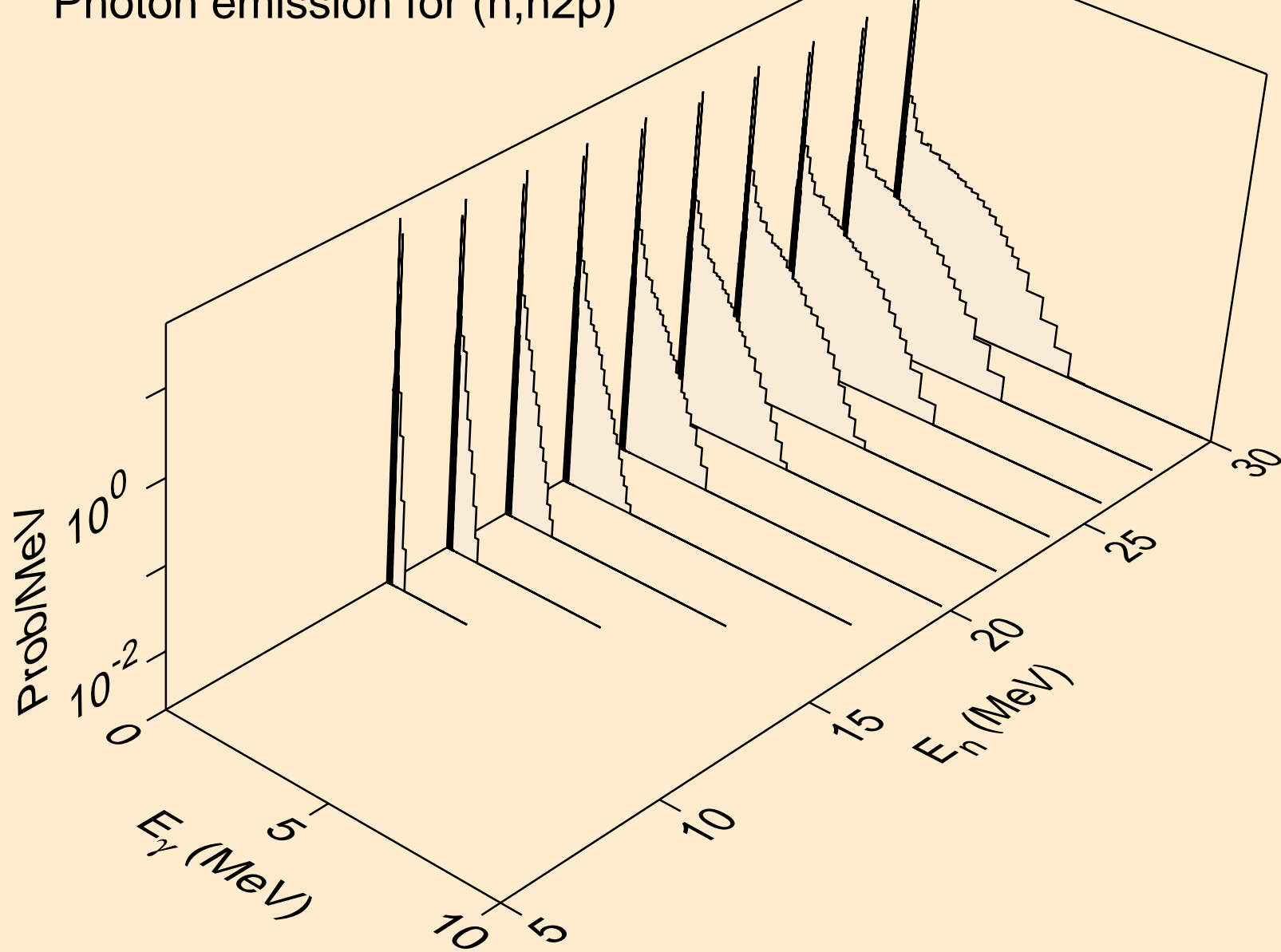


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

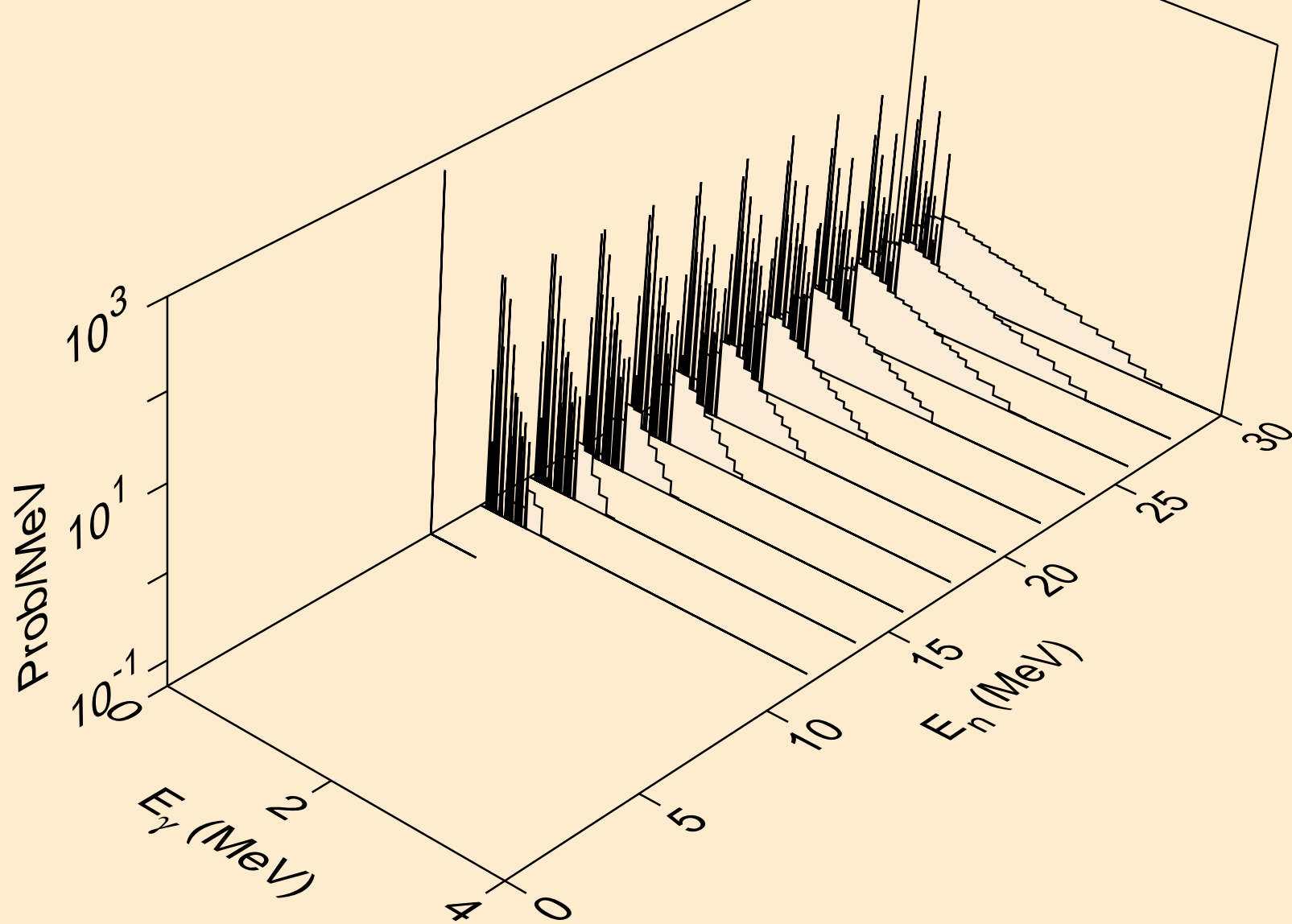




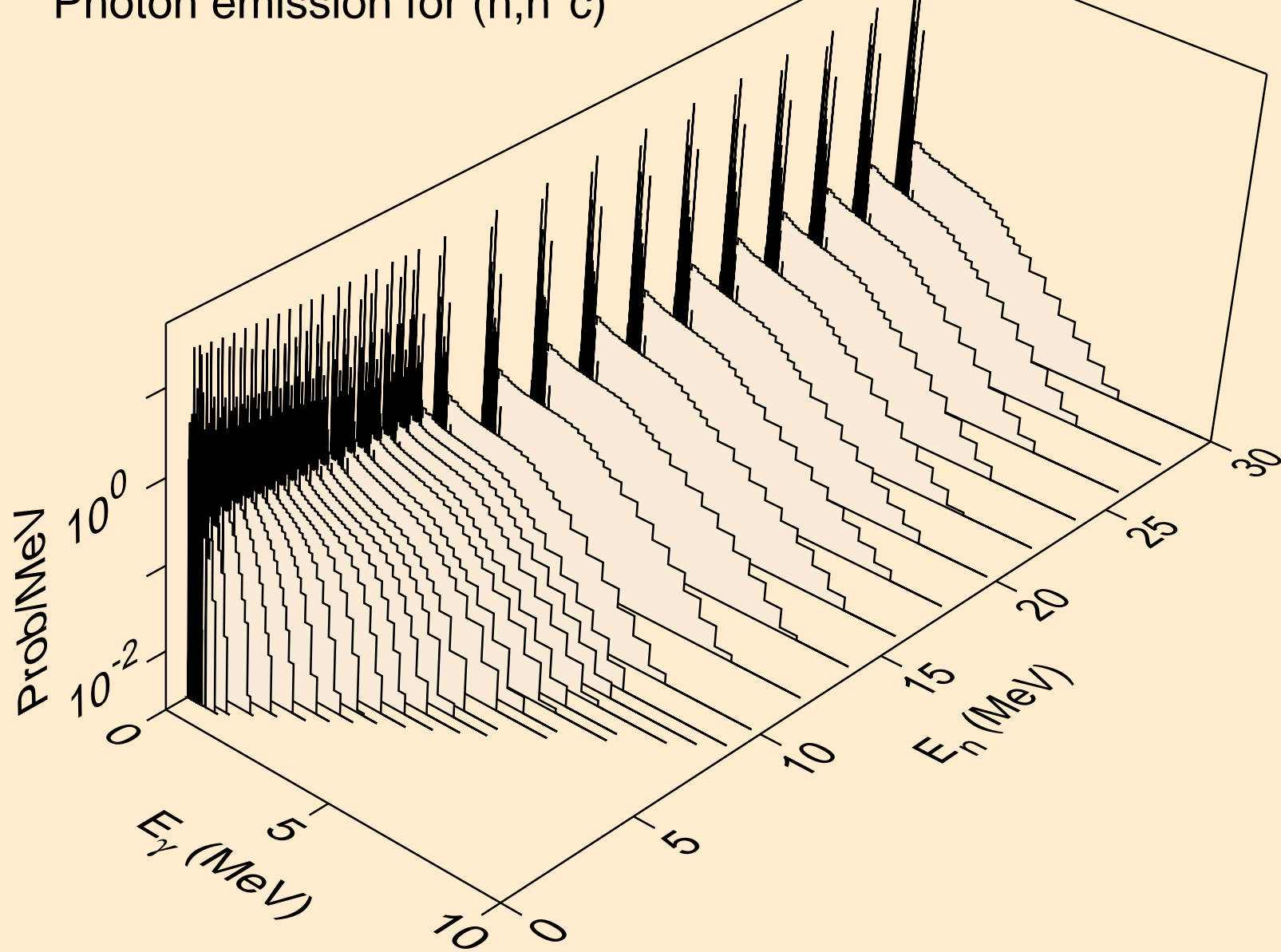
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



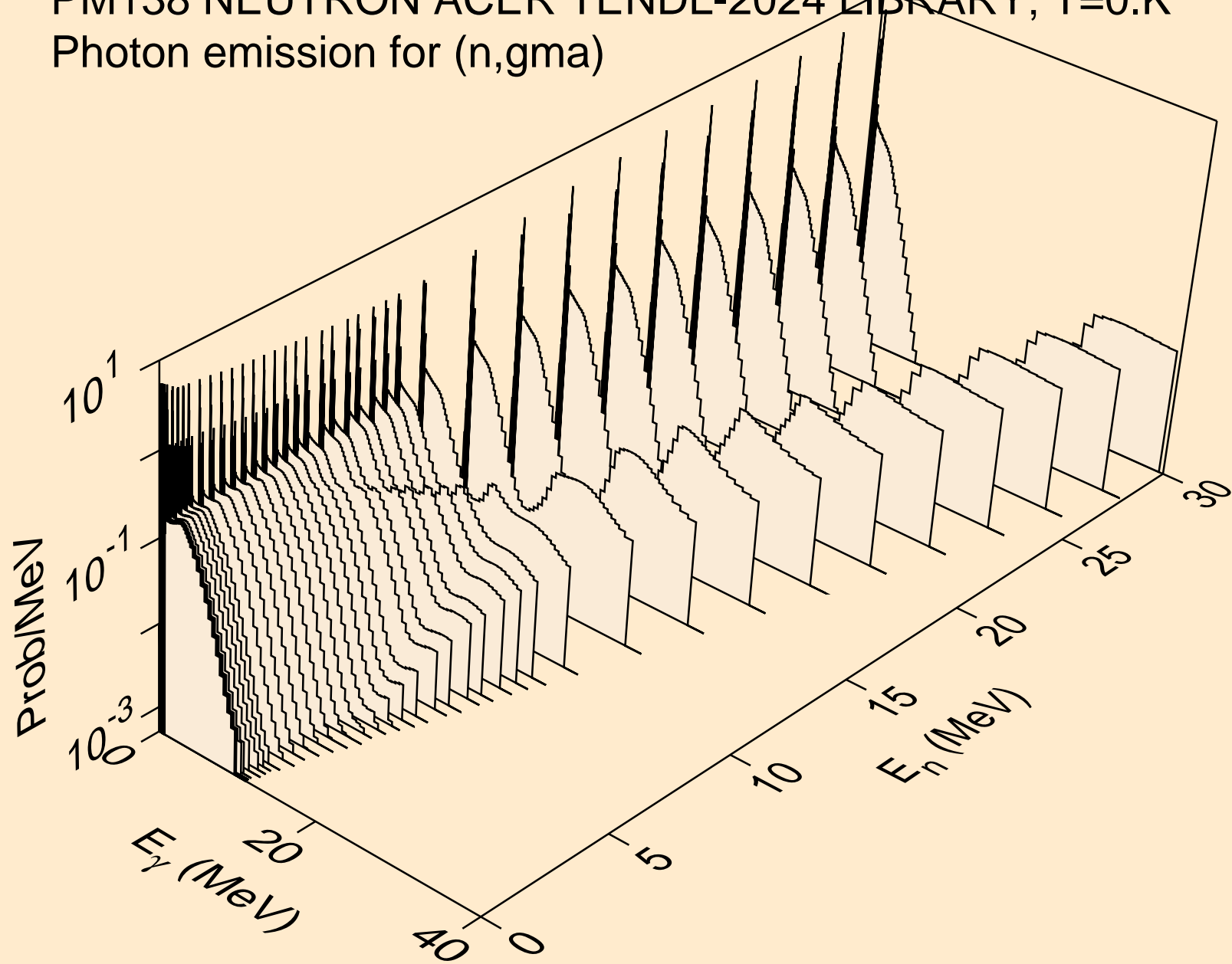
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



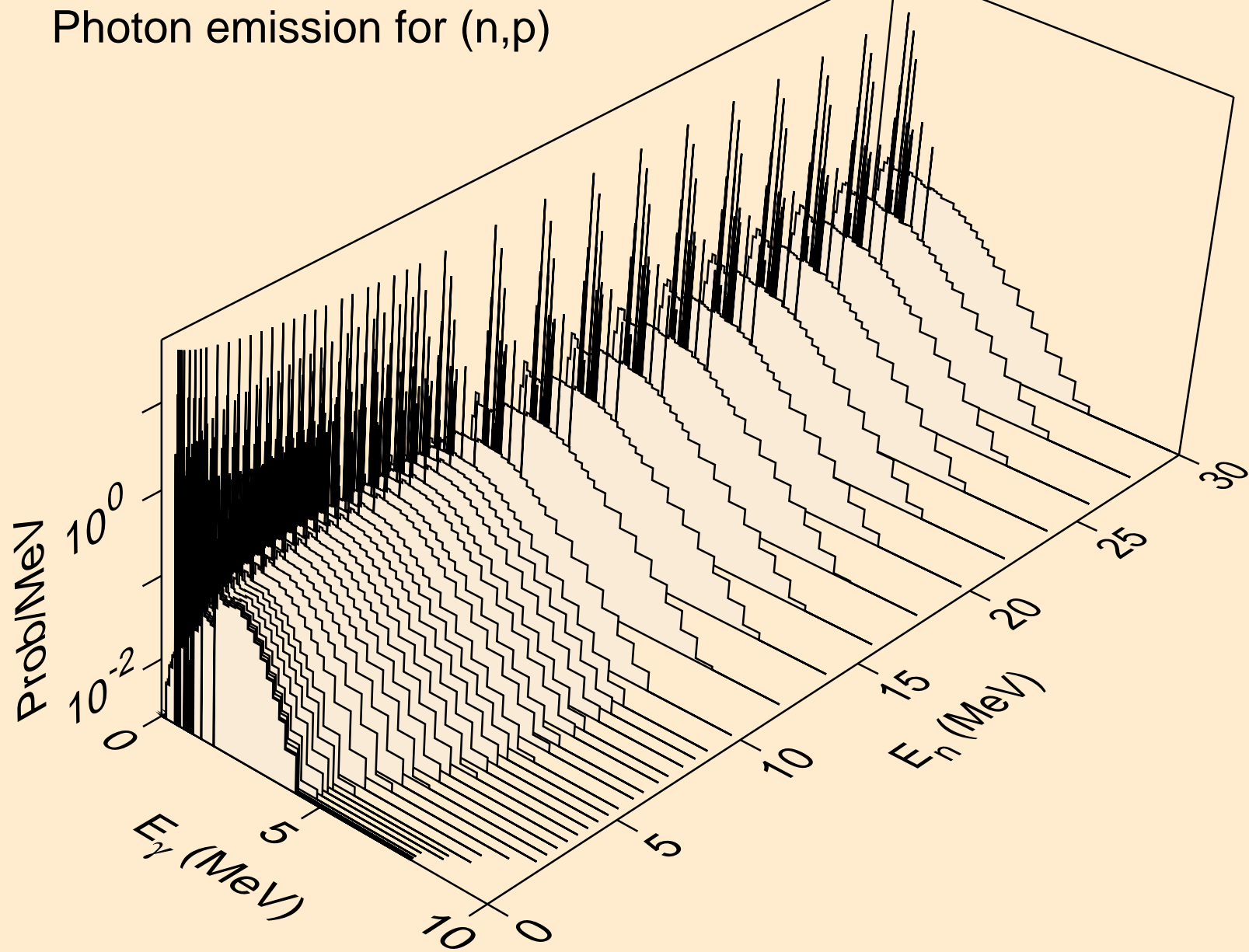
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



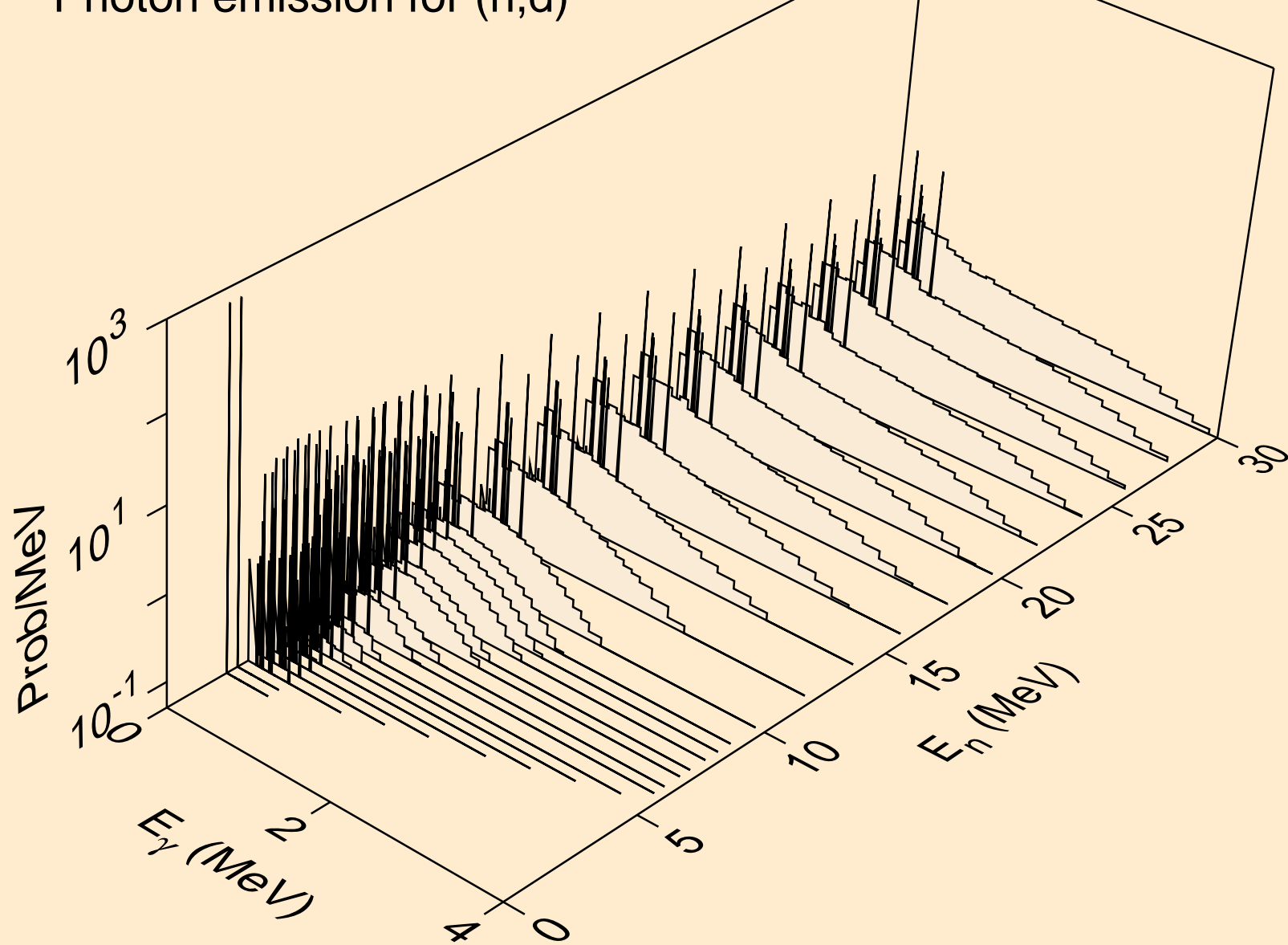
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



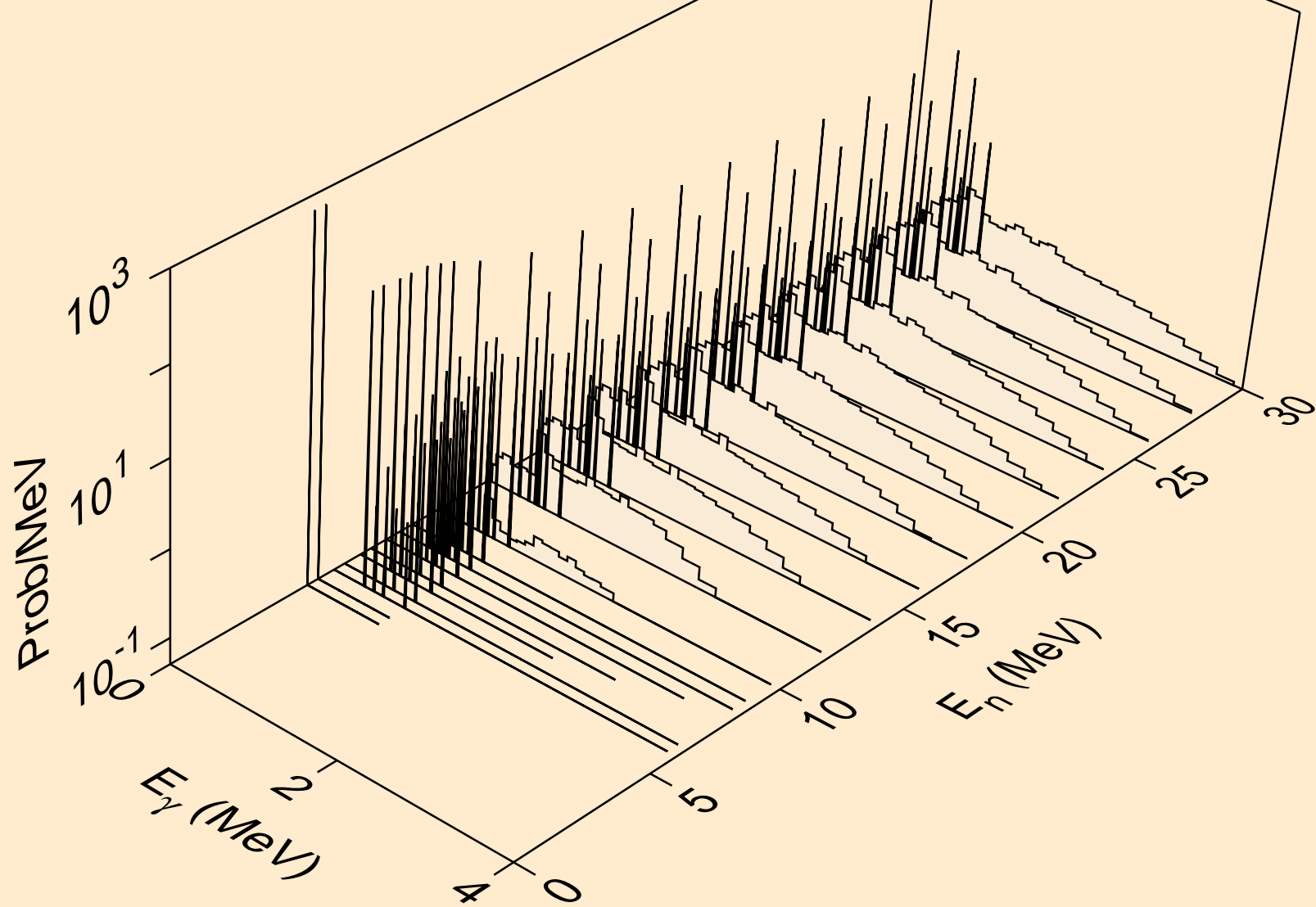
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



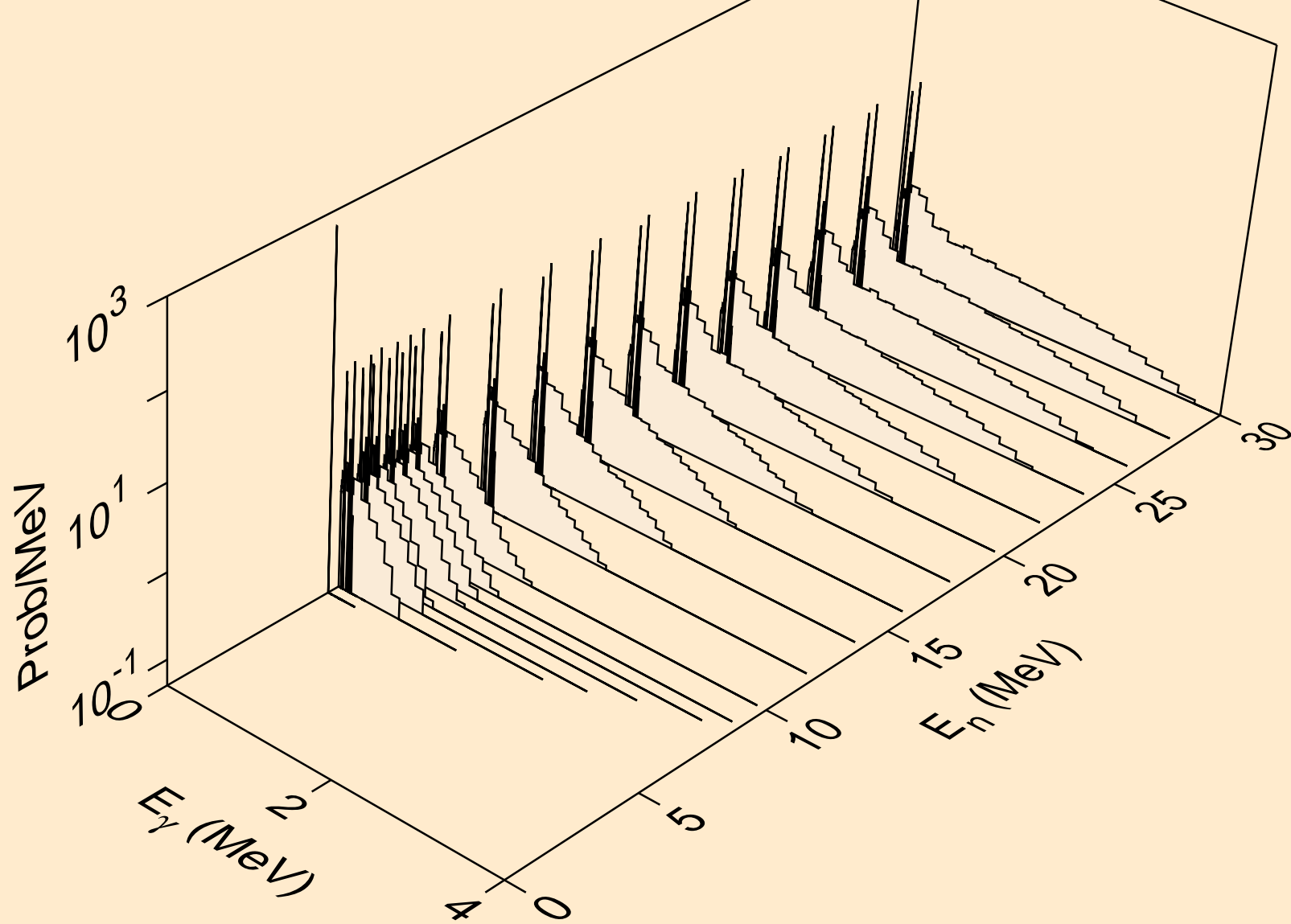
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

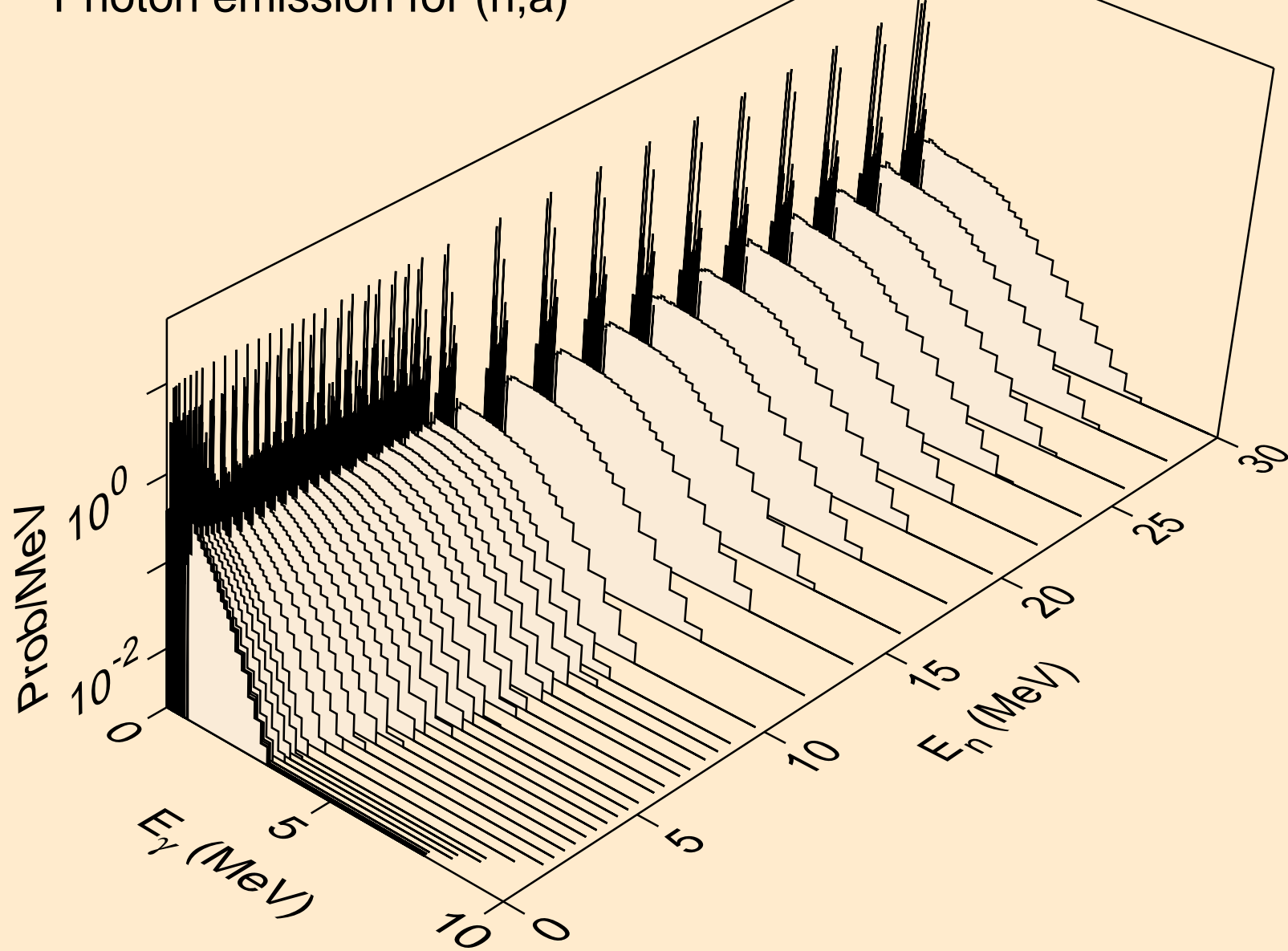


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

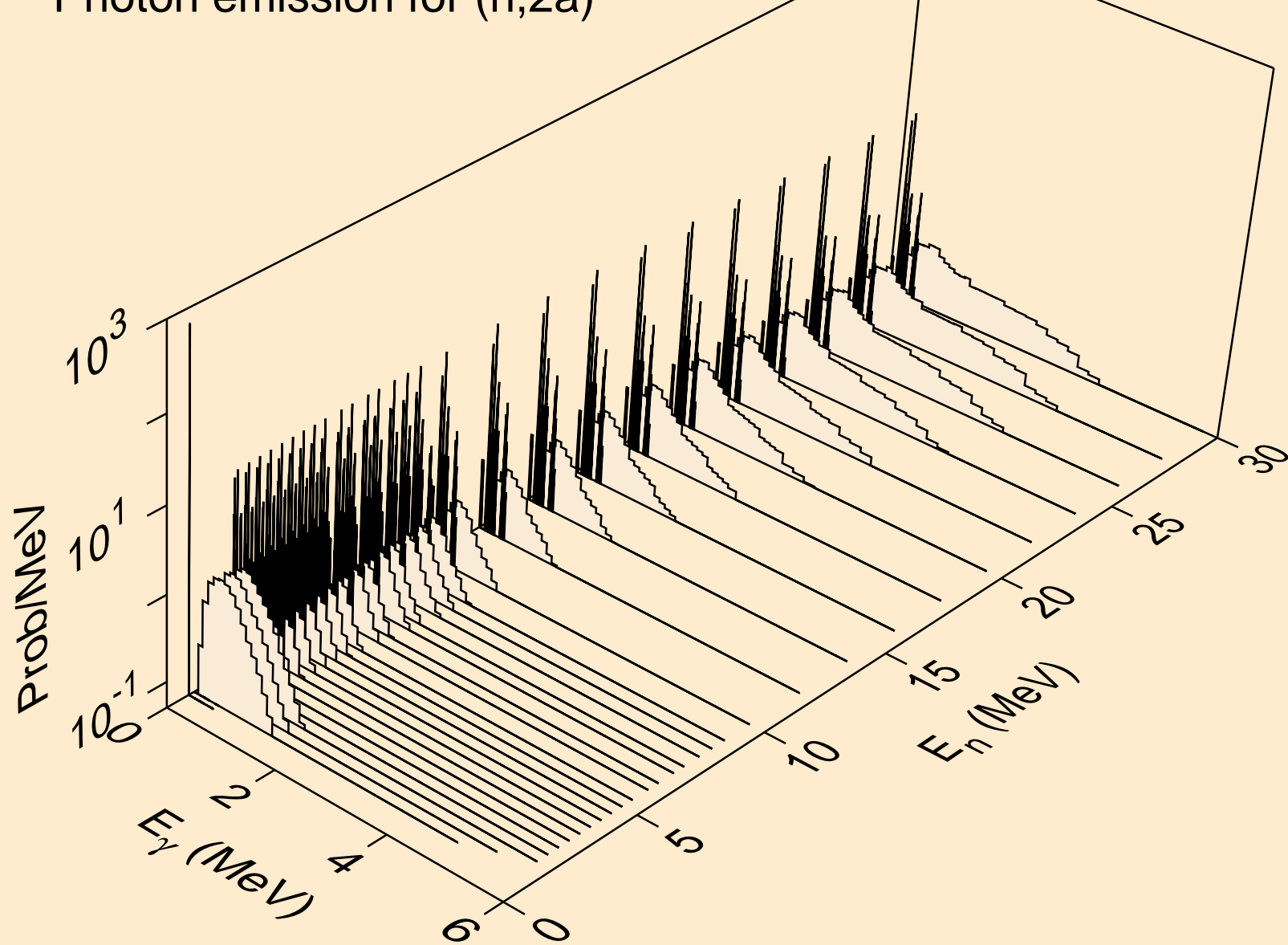




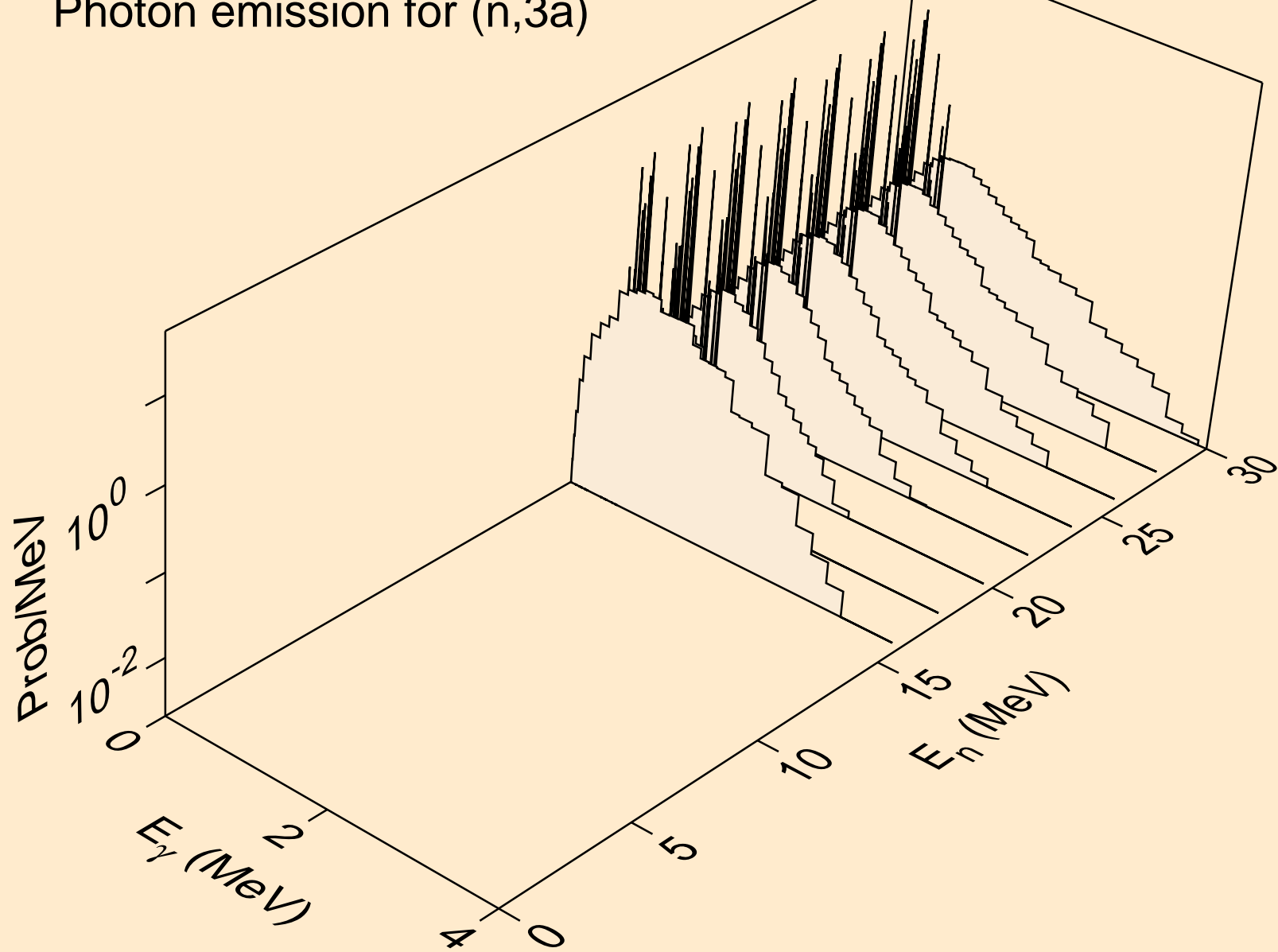
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



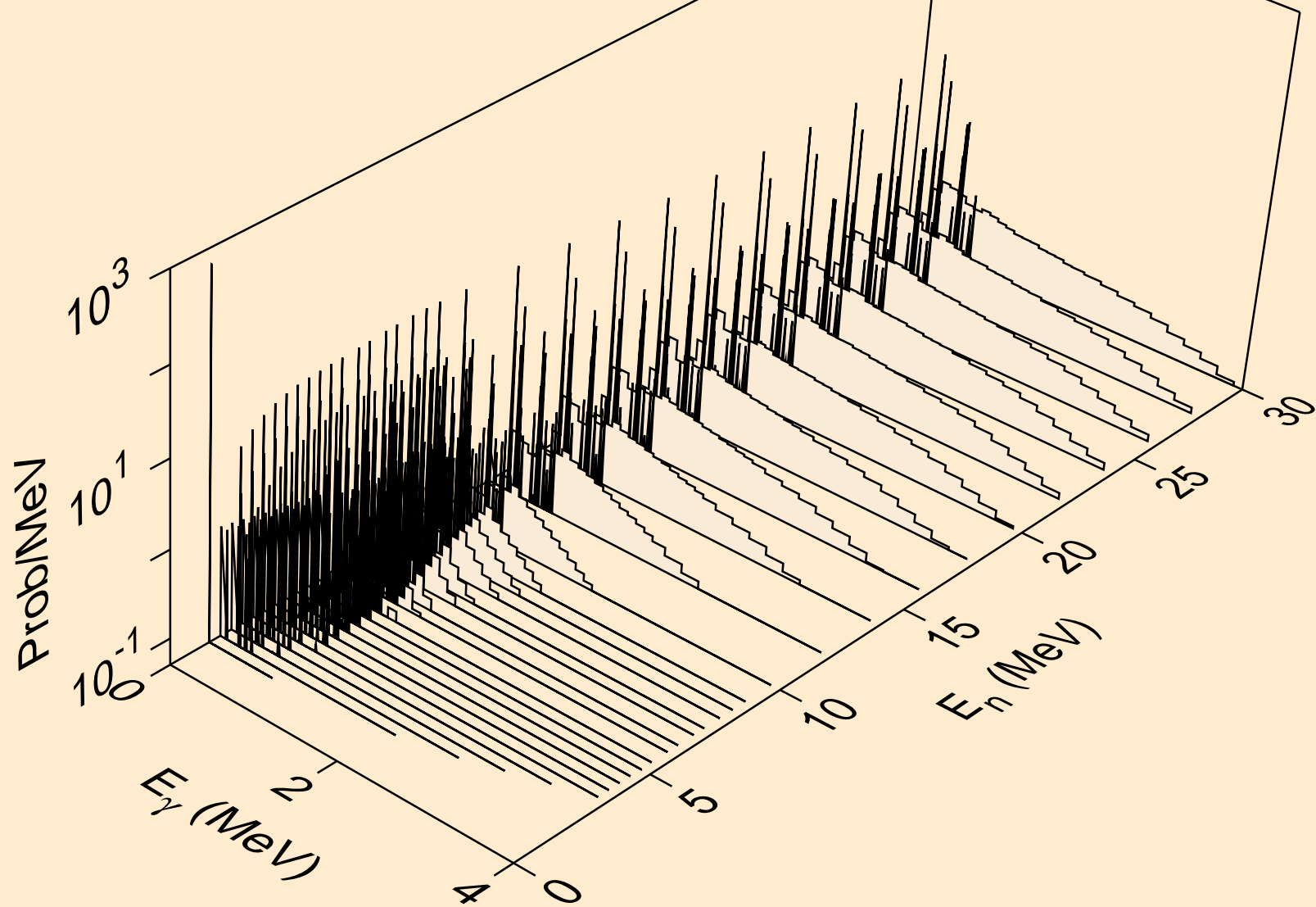
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



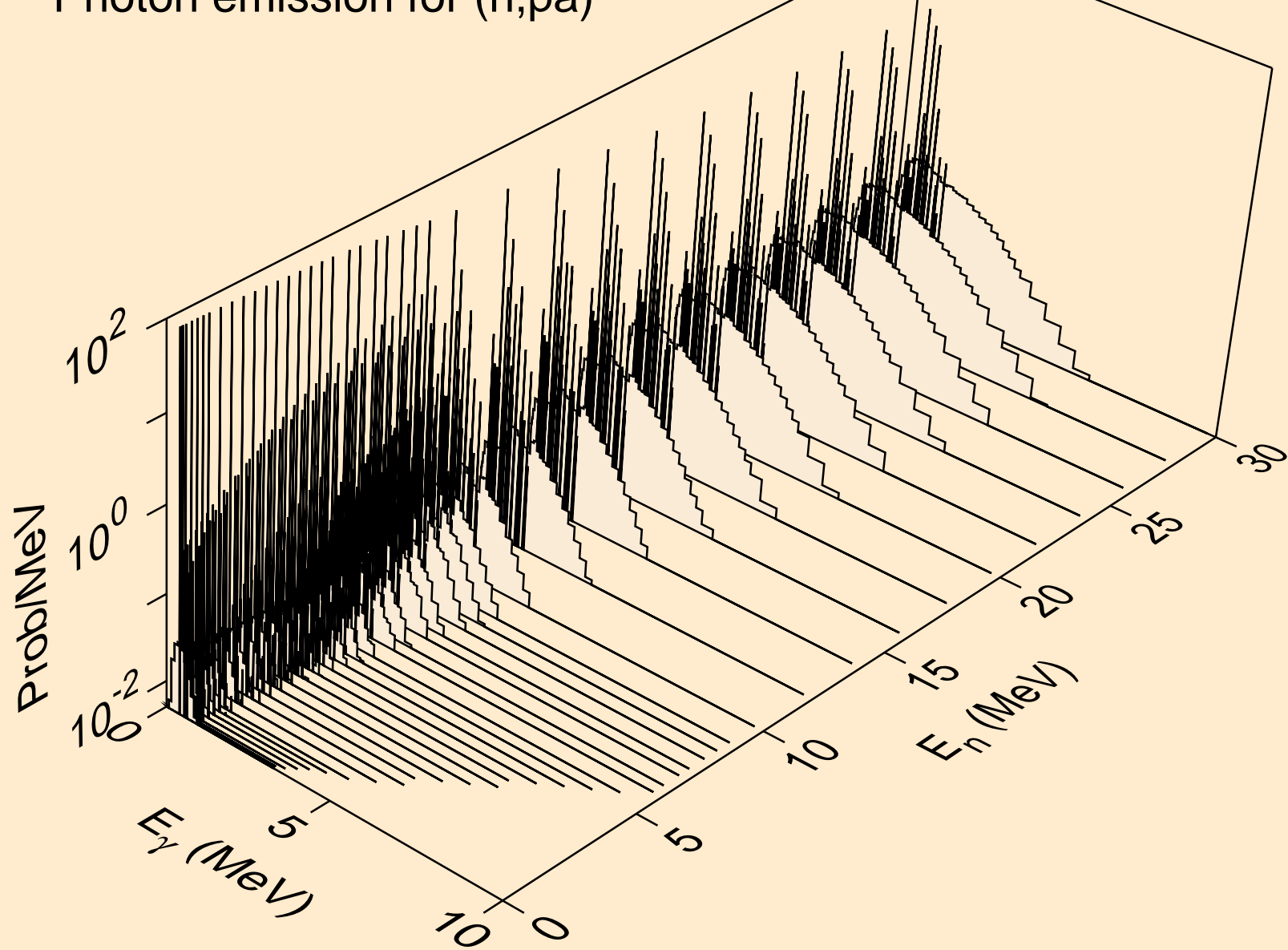
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



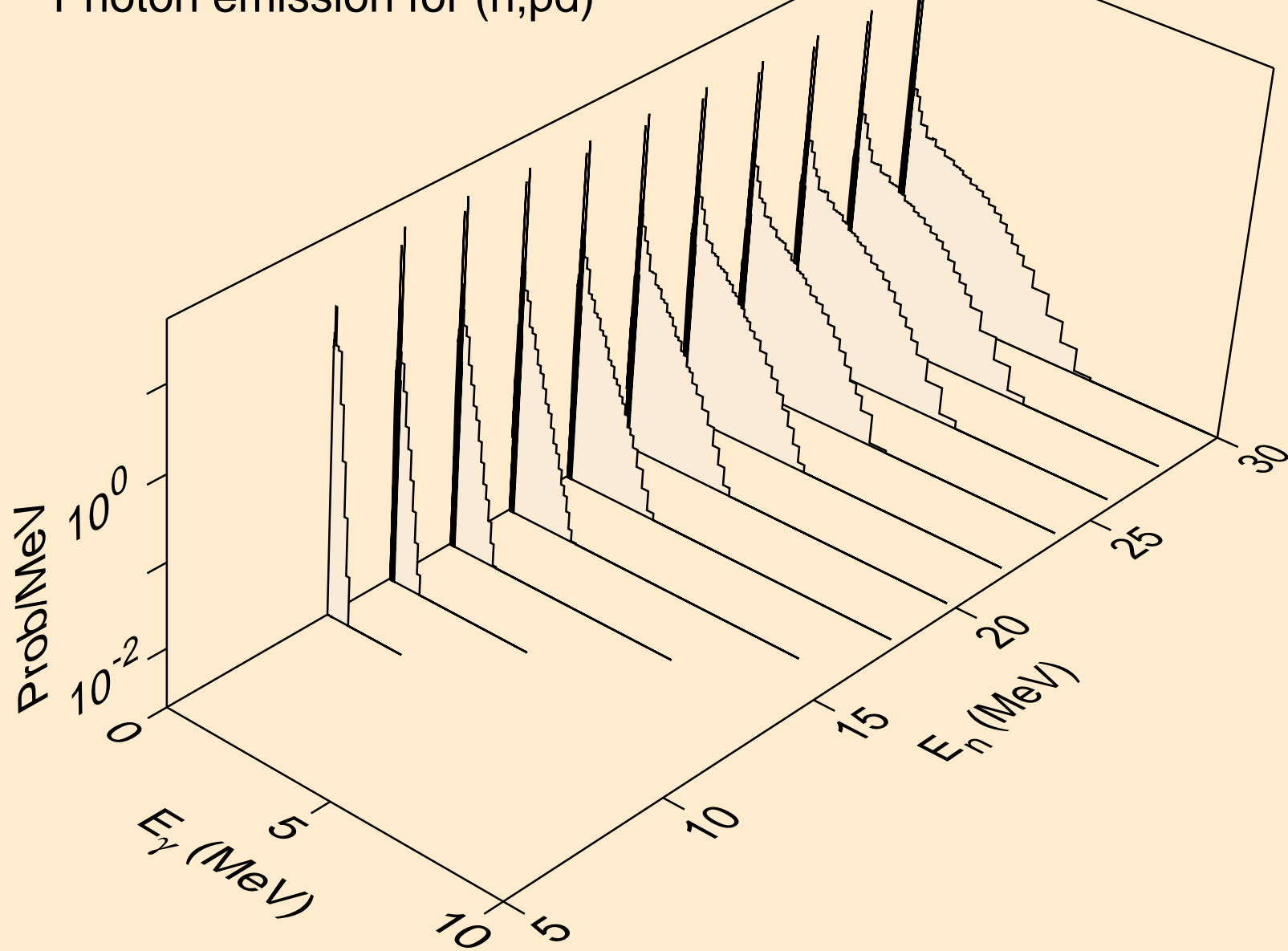
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



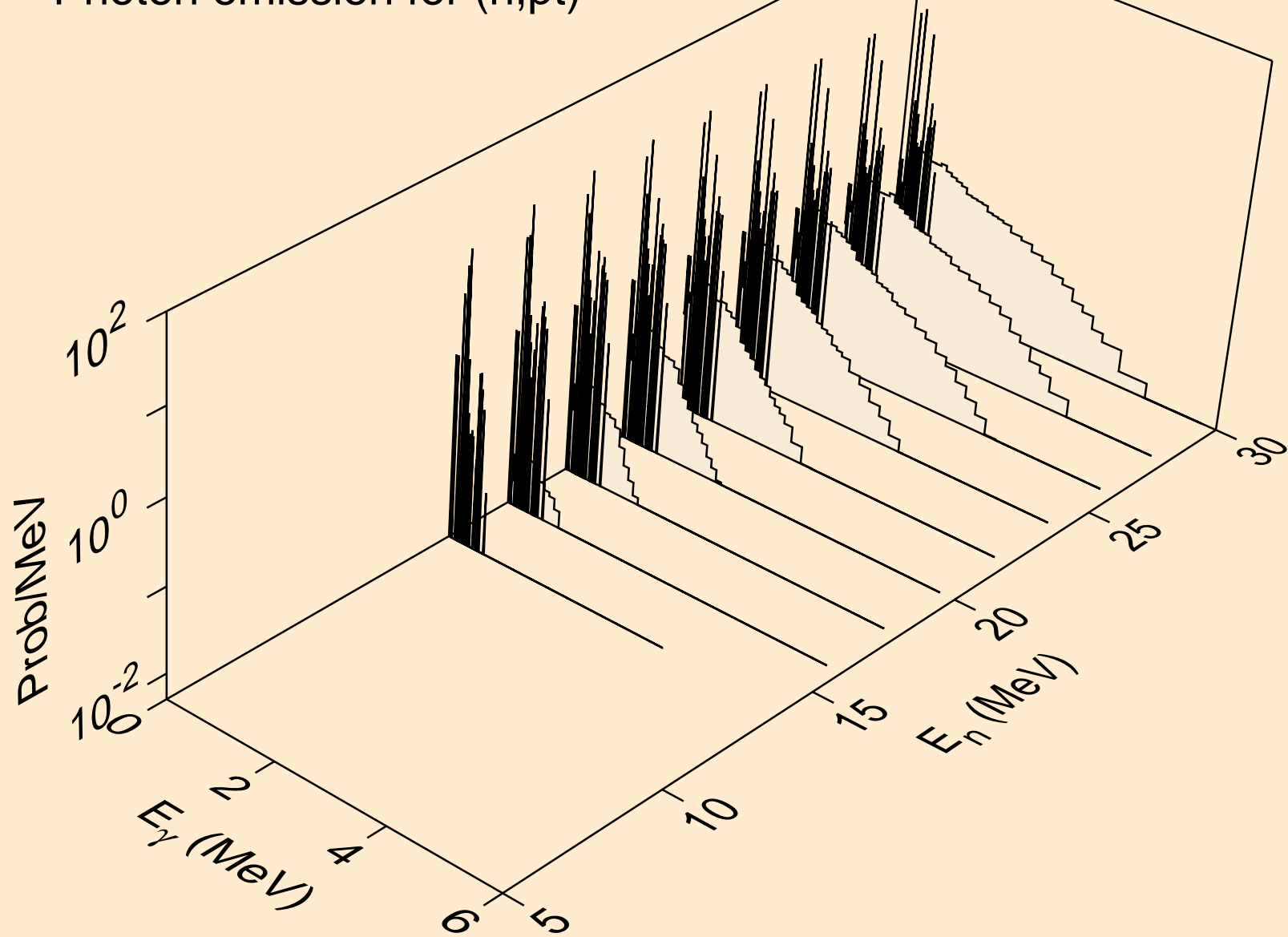
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



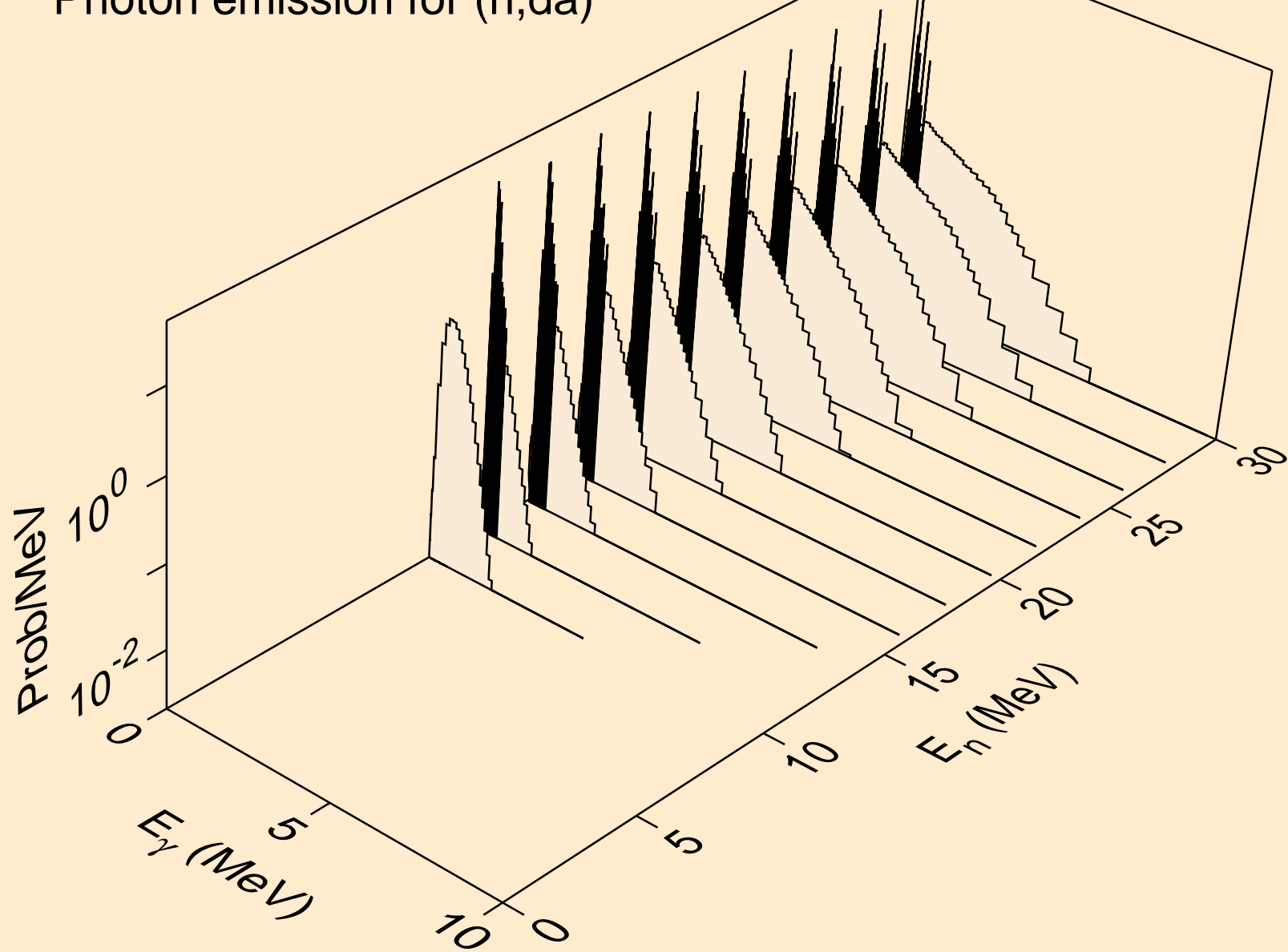
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

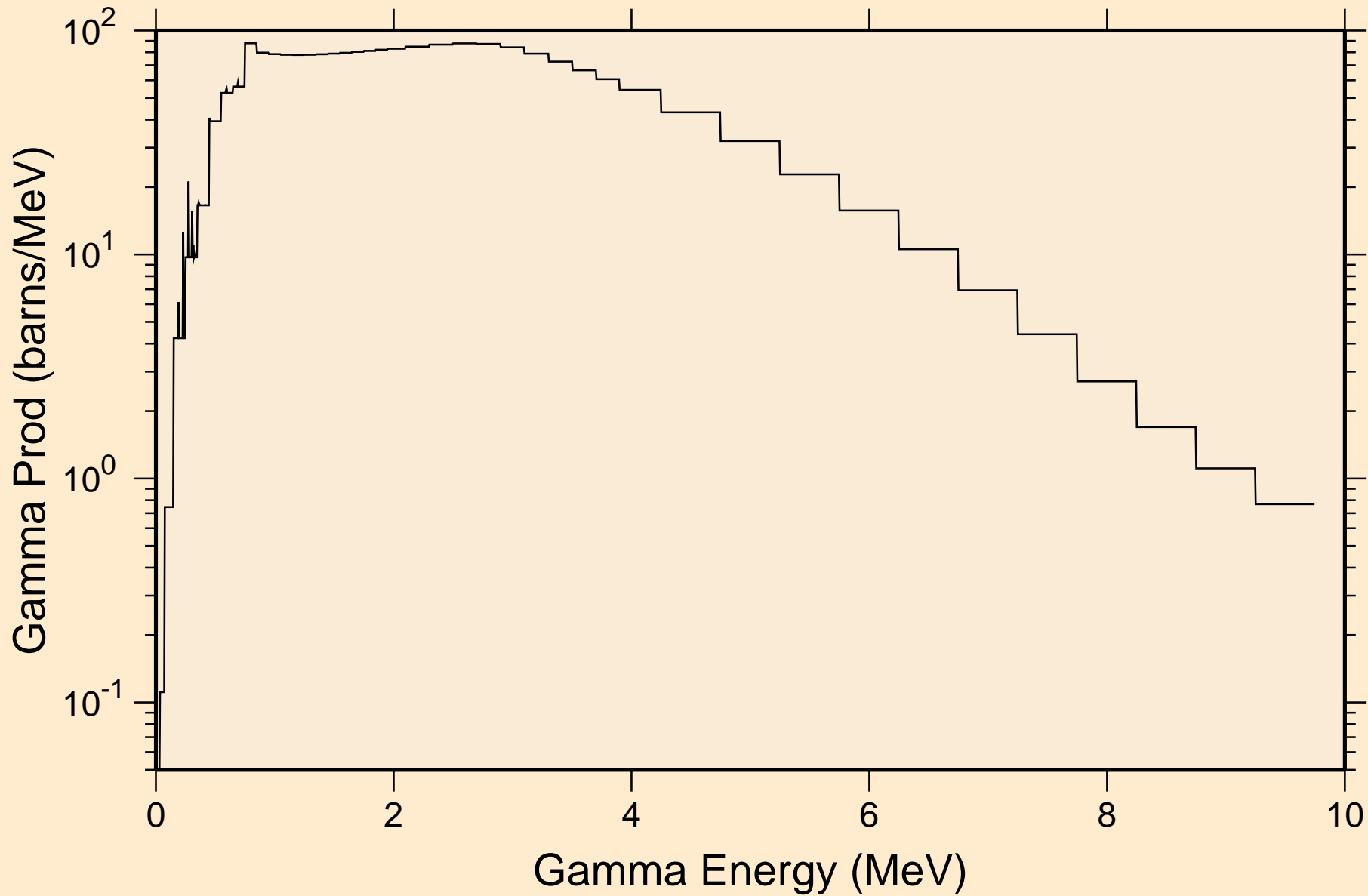


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

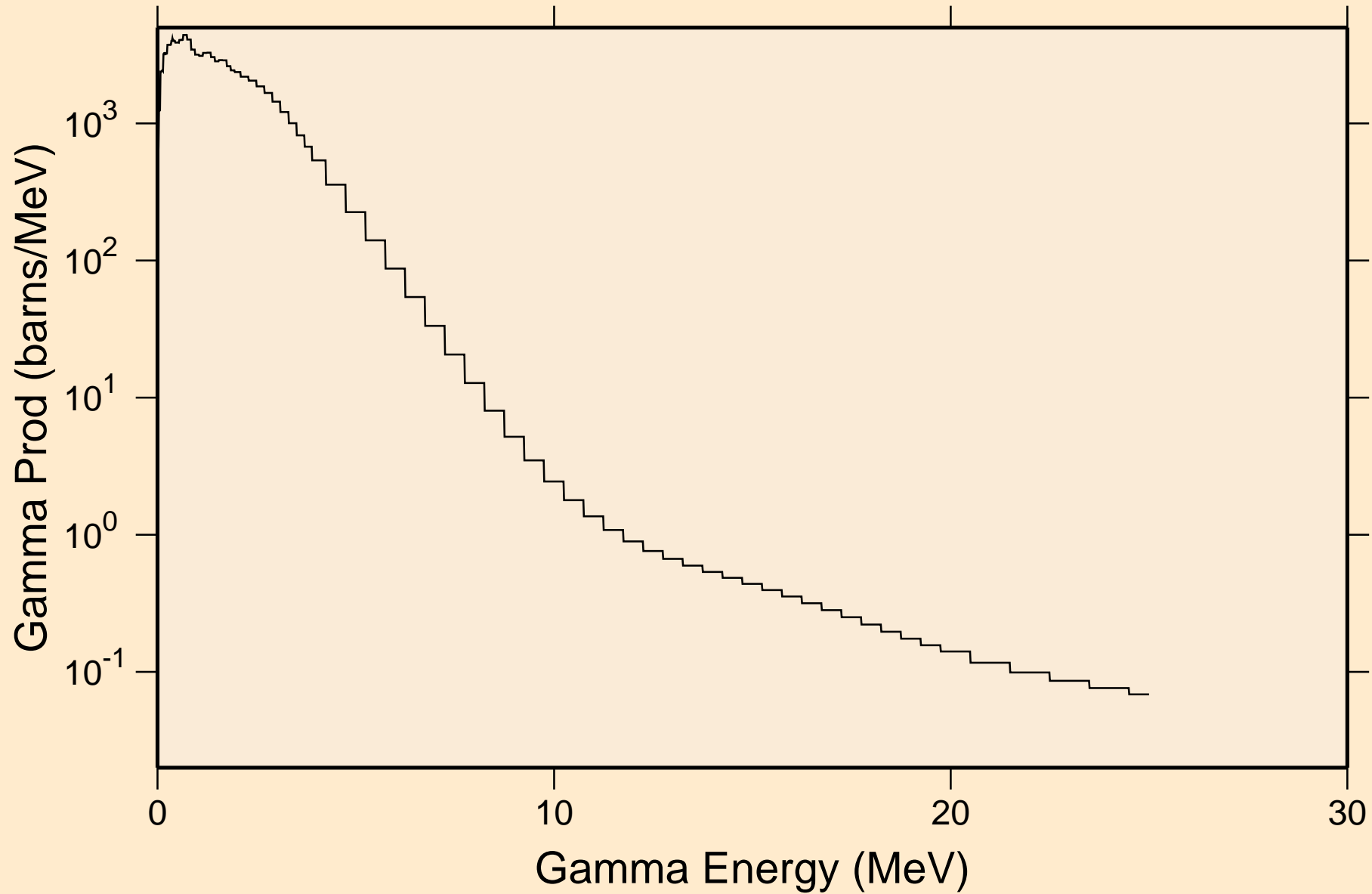




PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

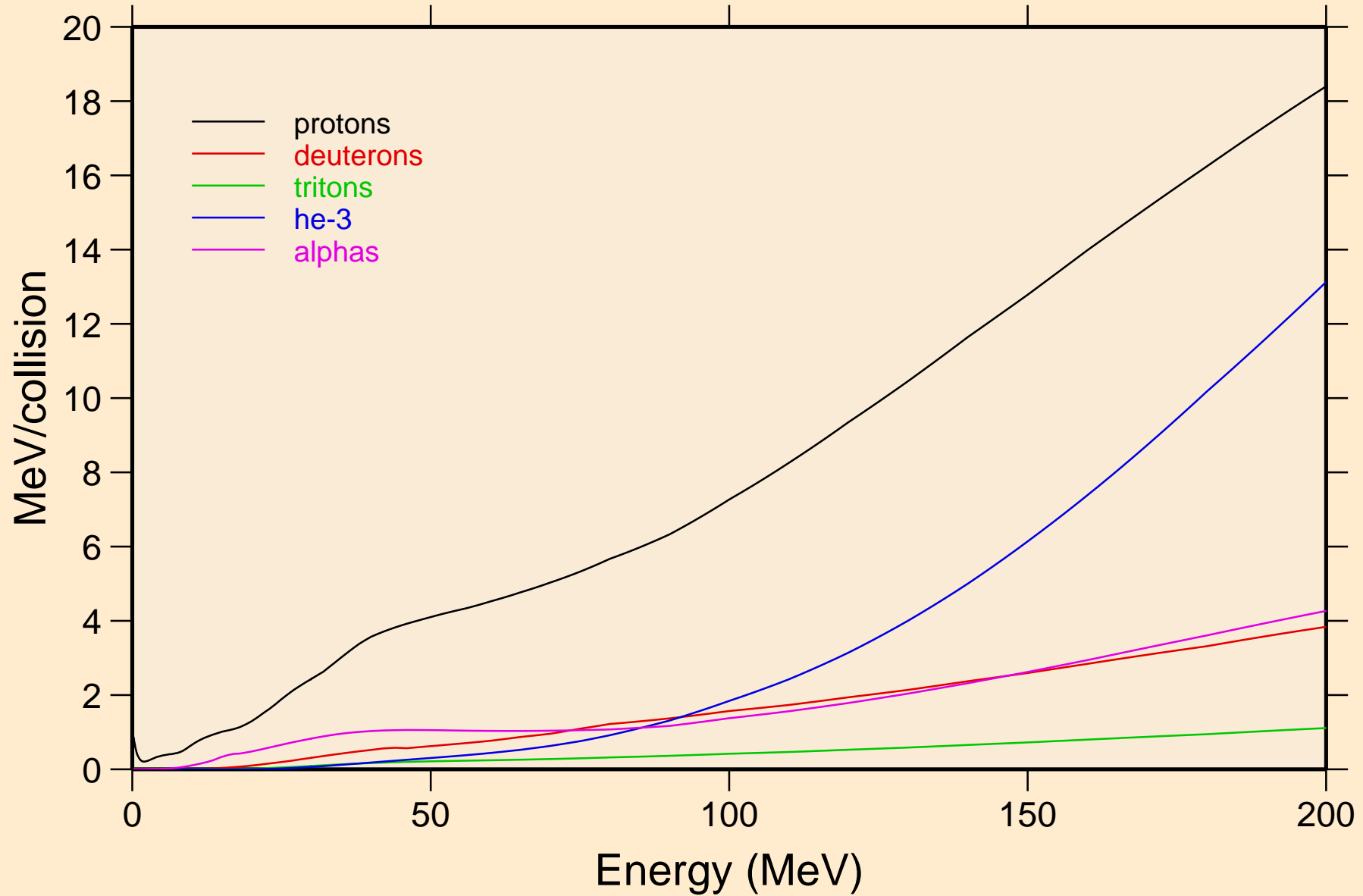


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

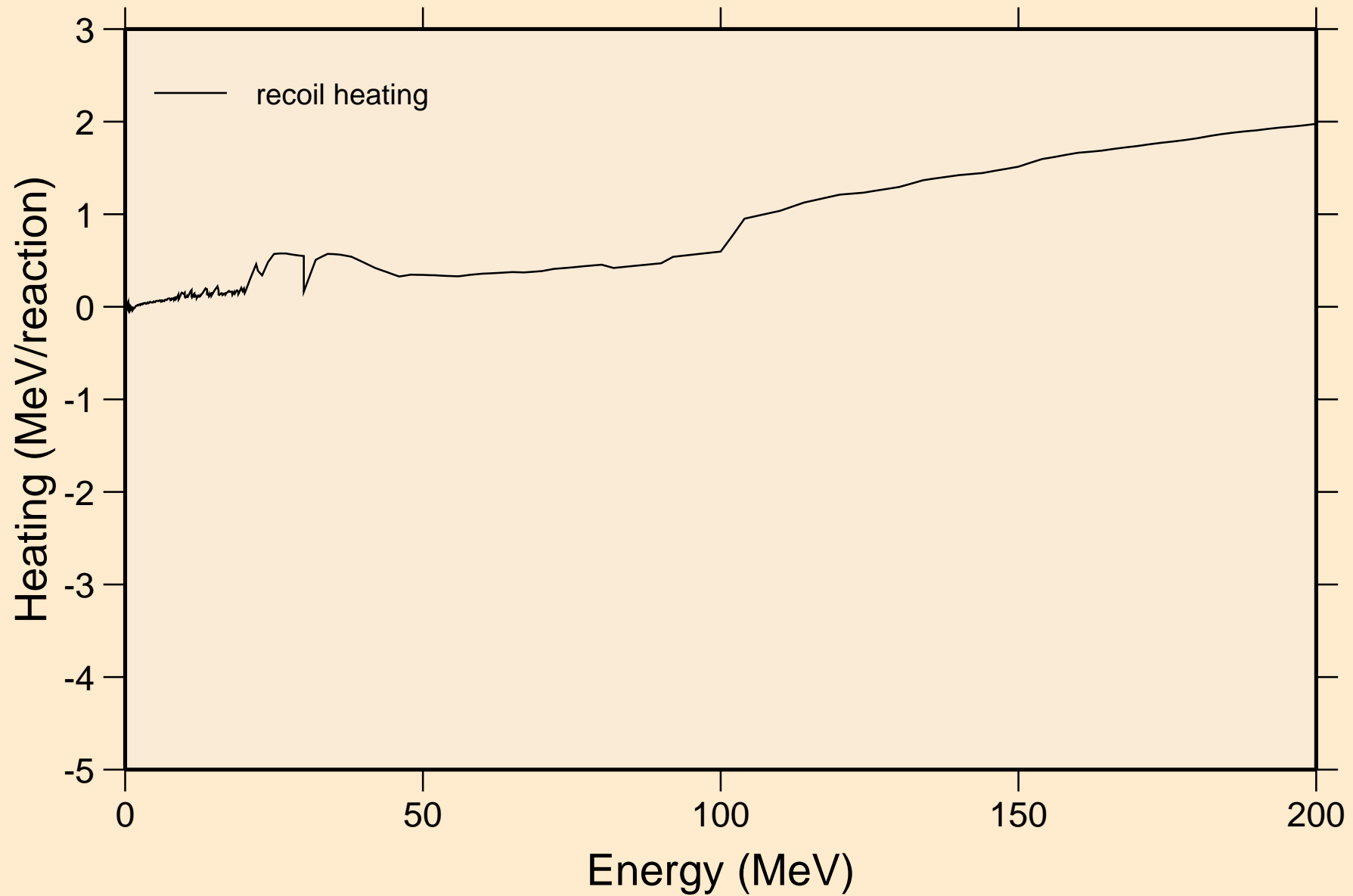


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

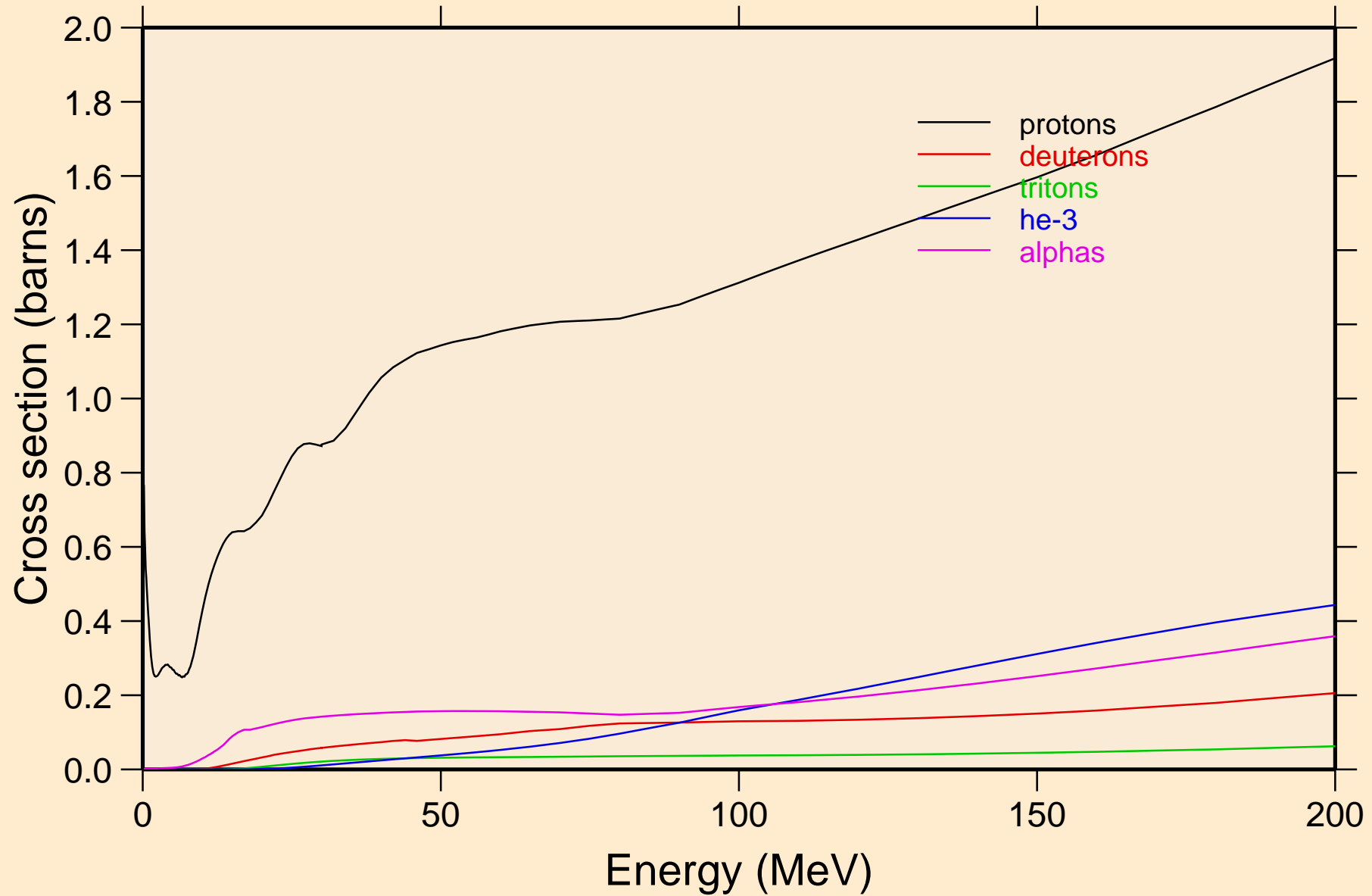


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

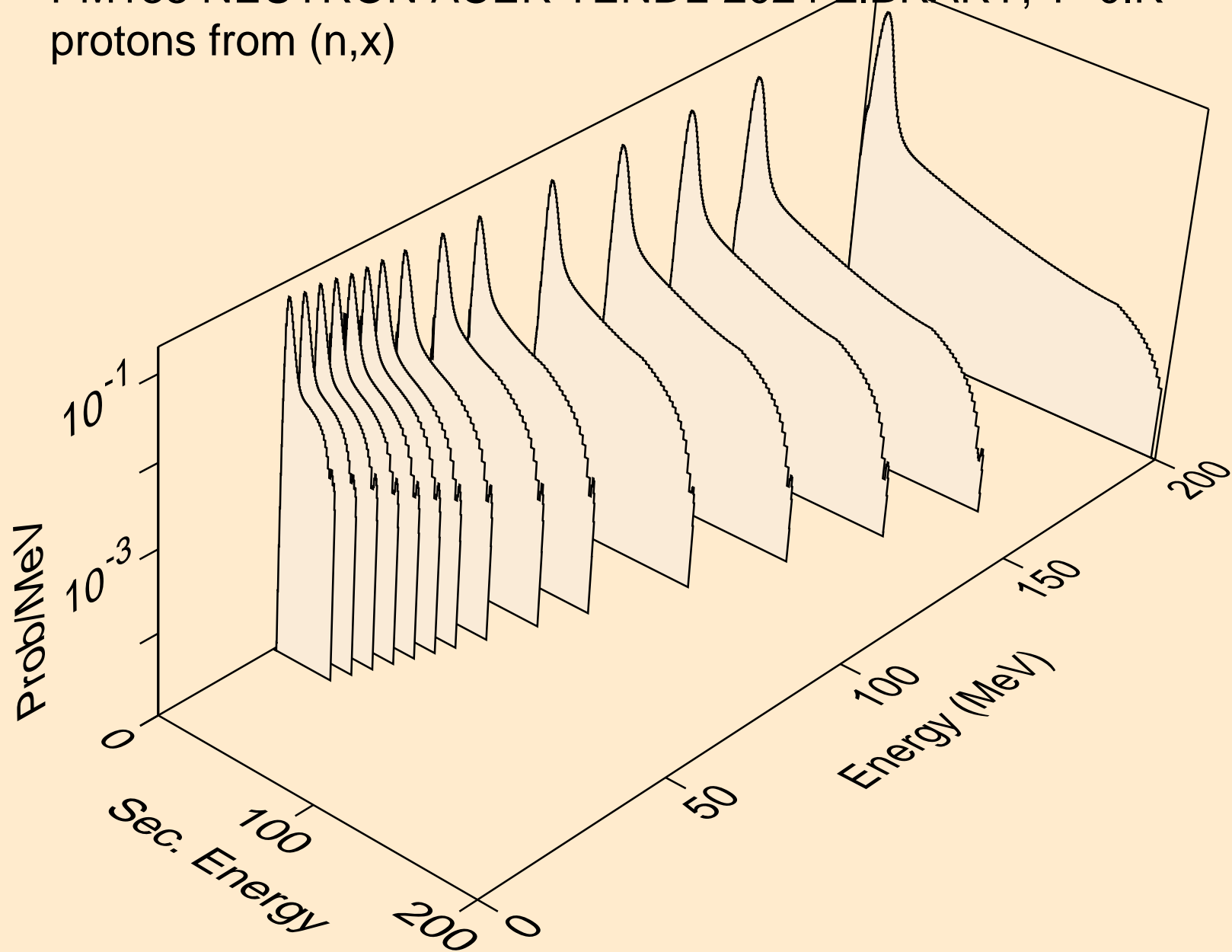


# PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

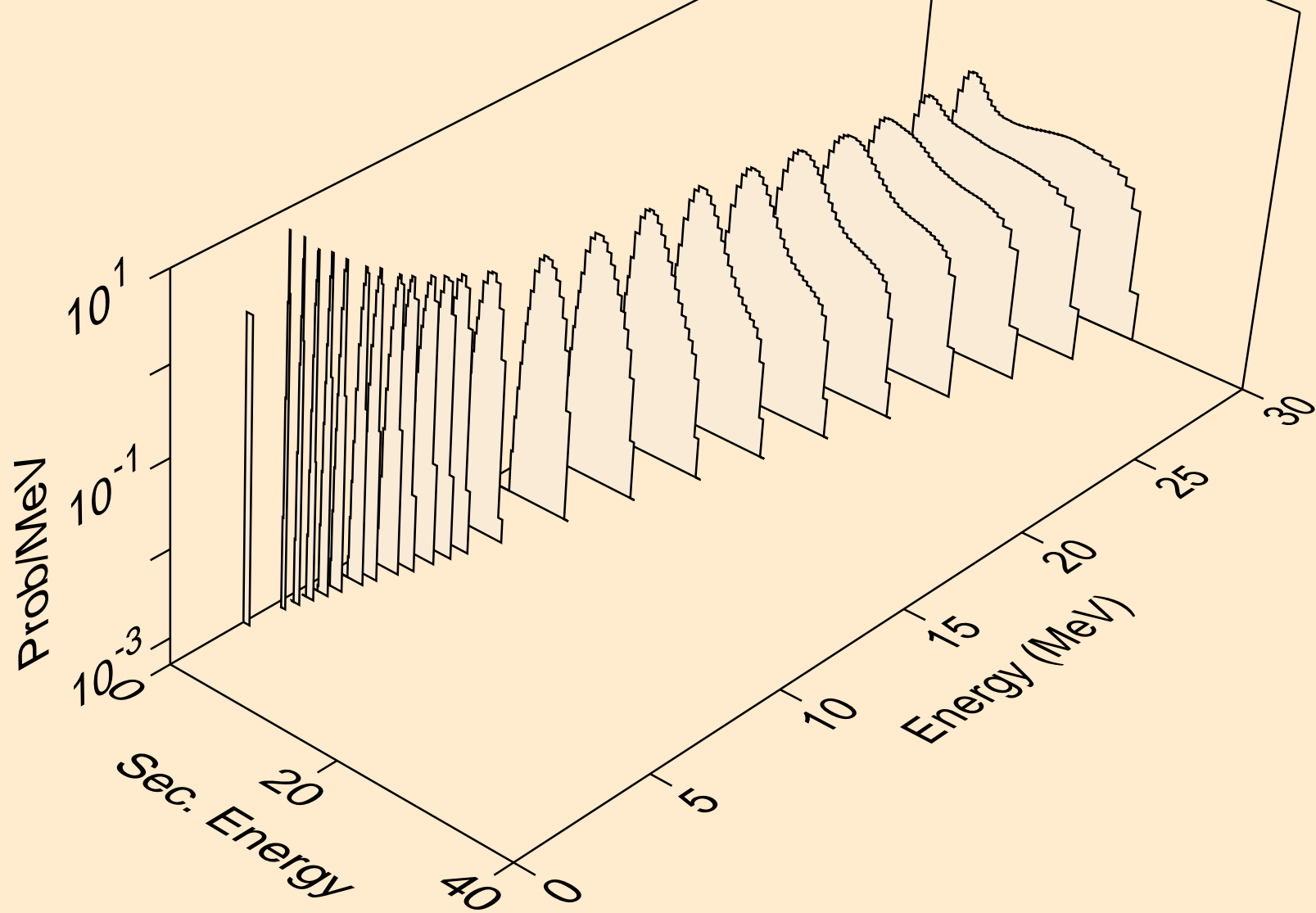
## Particle production cross sections



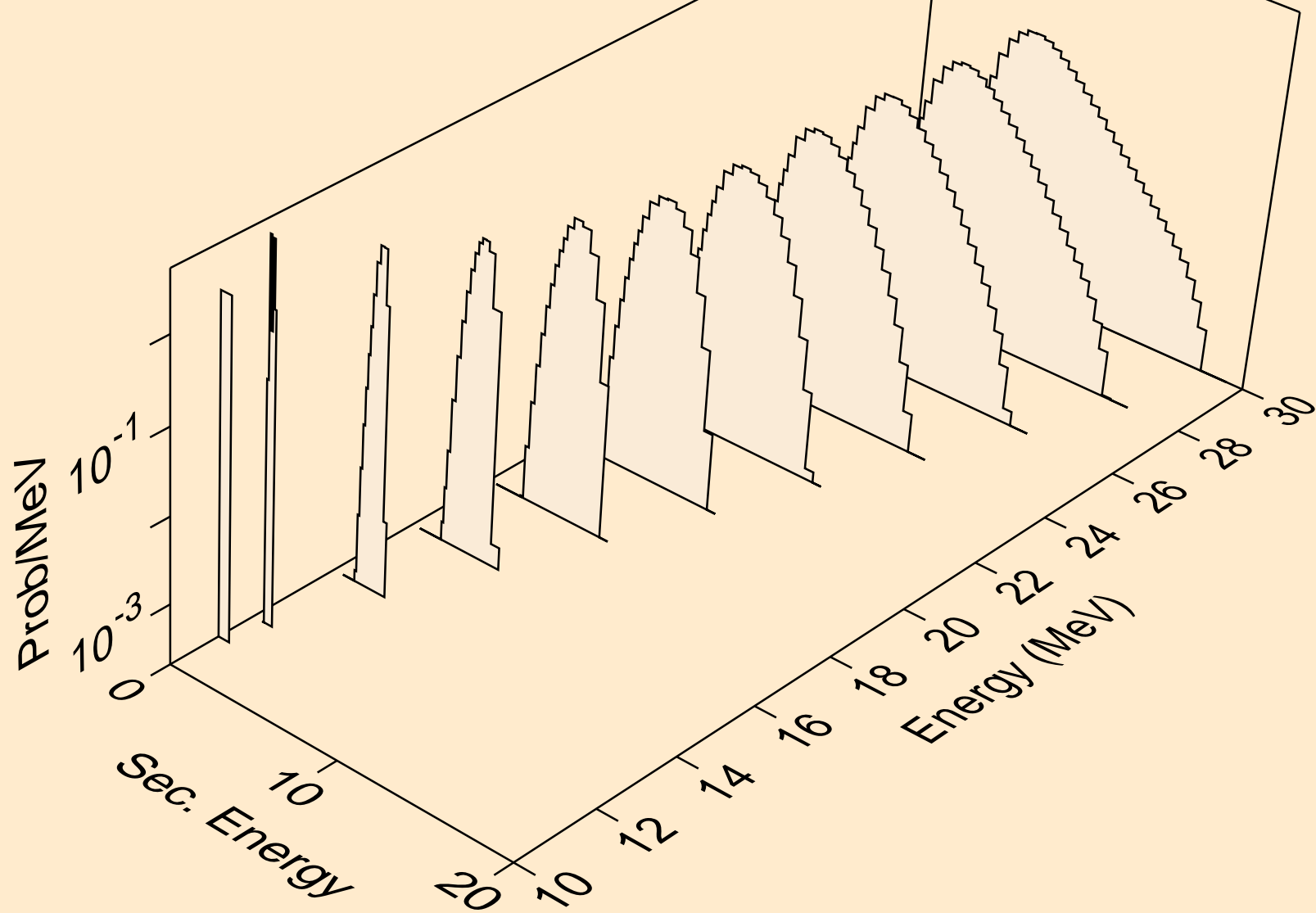
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

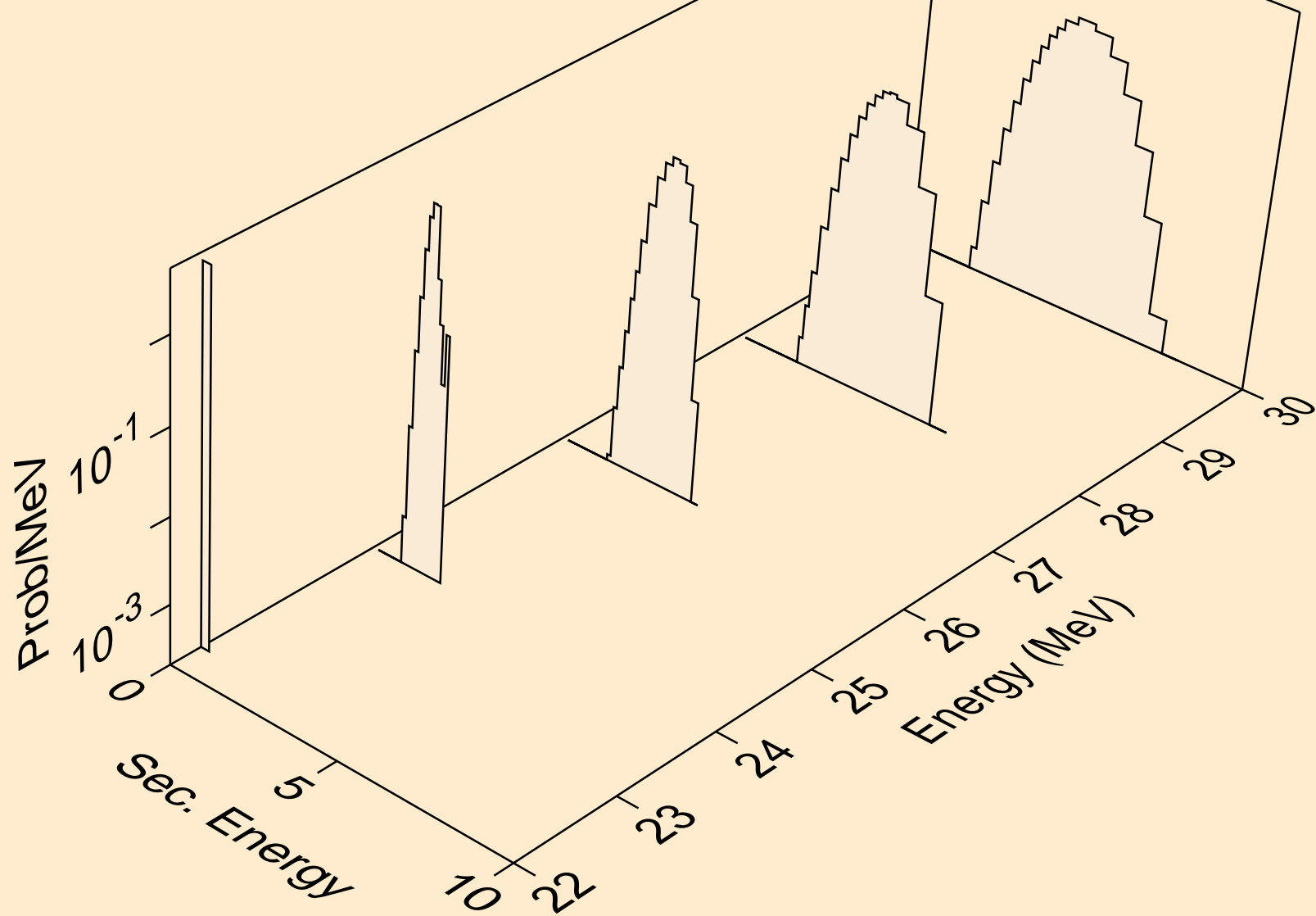


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

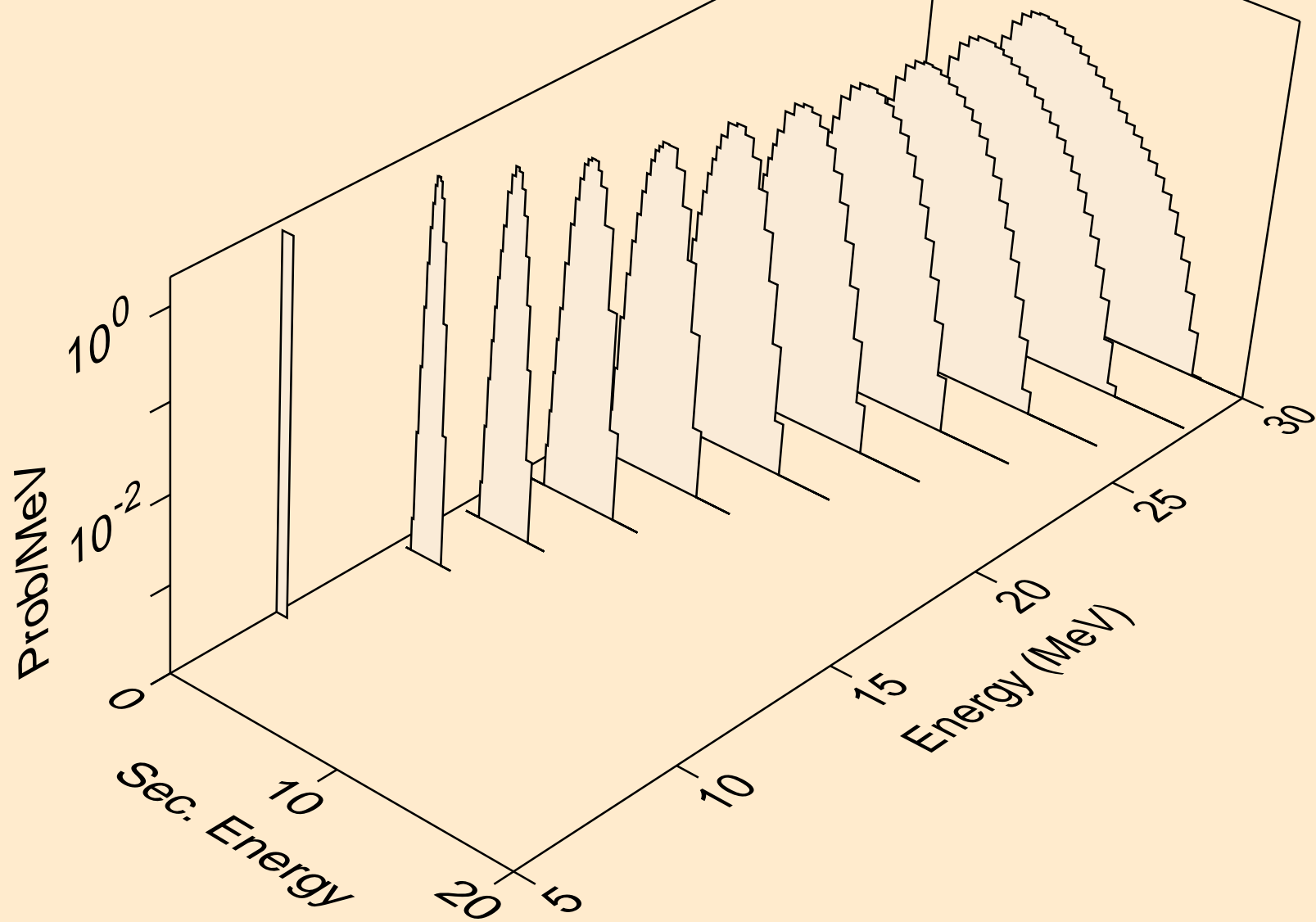




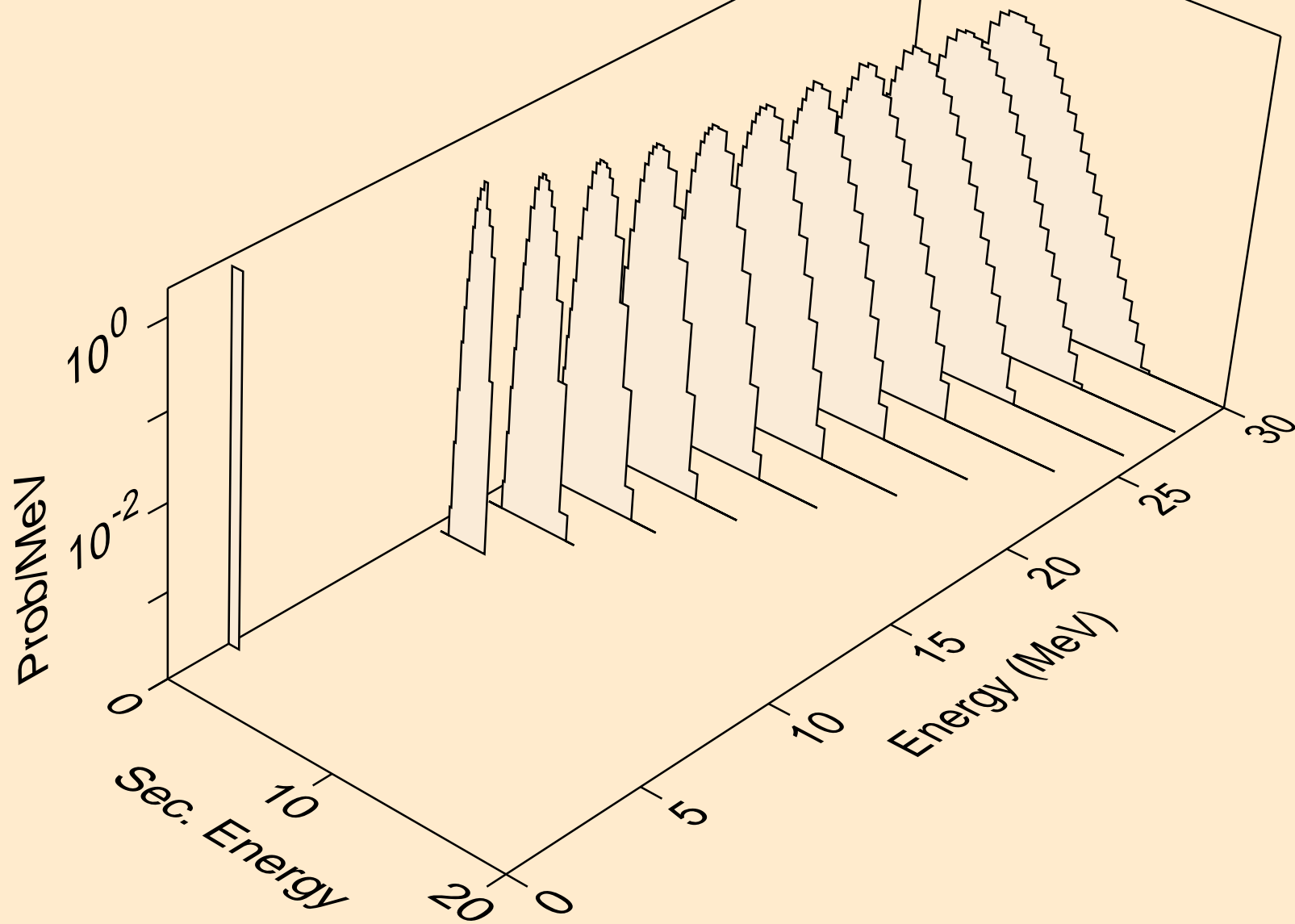
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



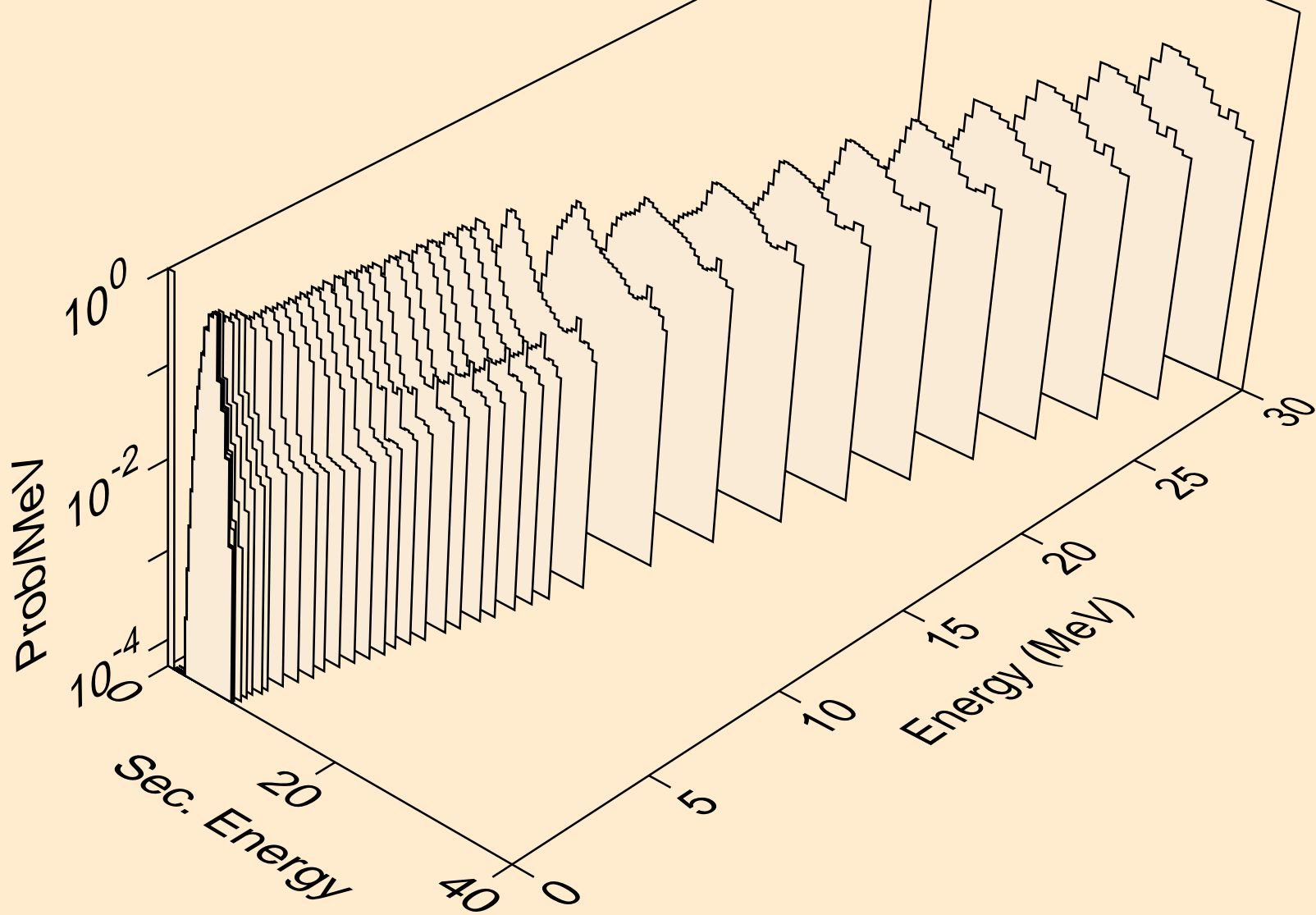
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



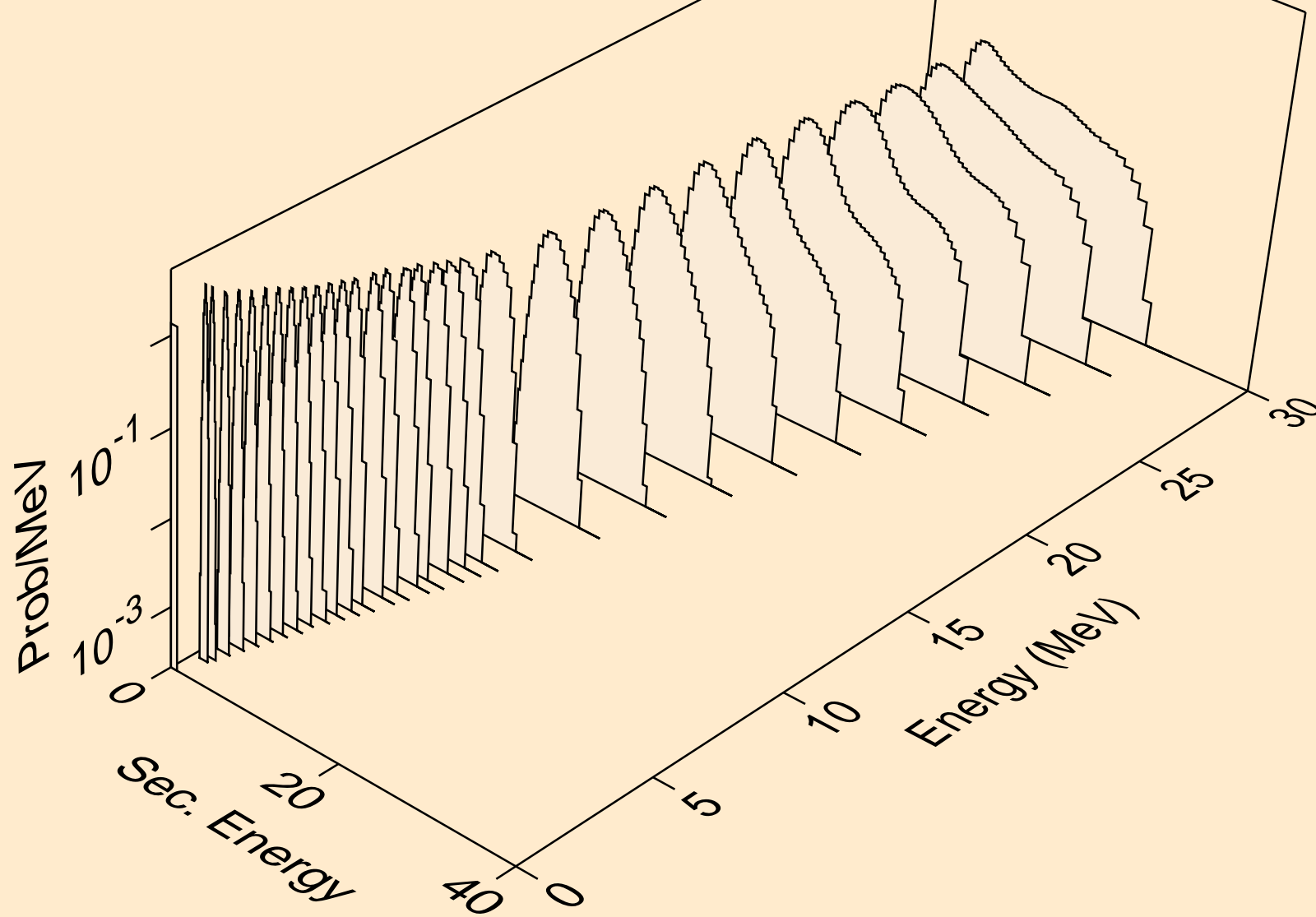
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



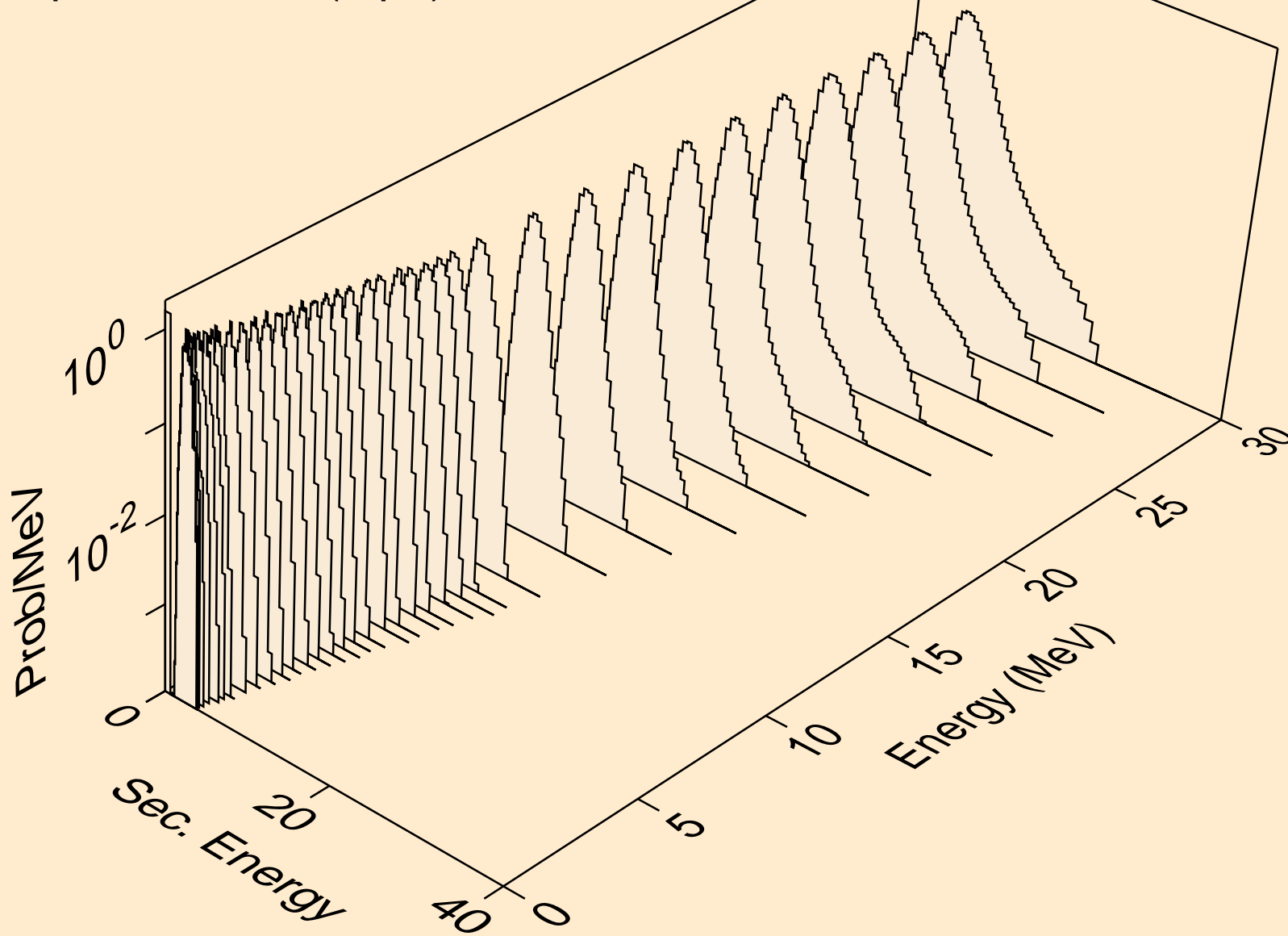
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protons from (n,p)



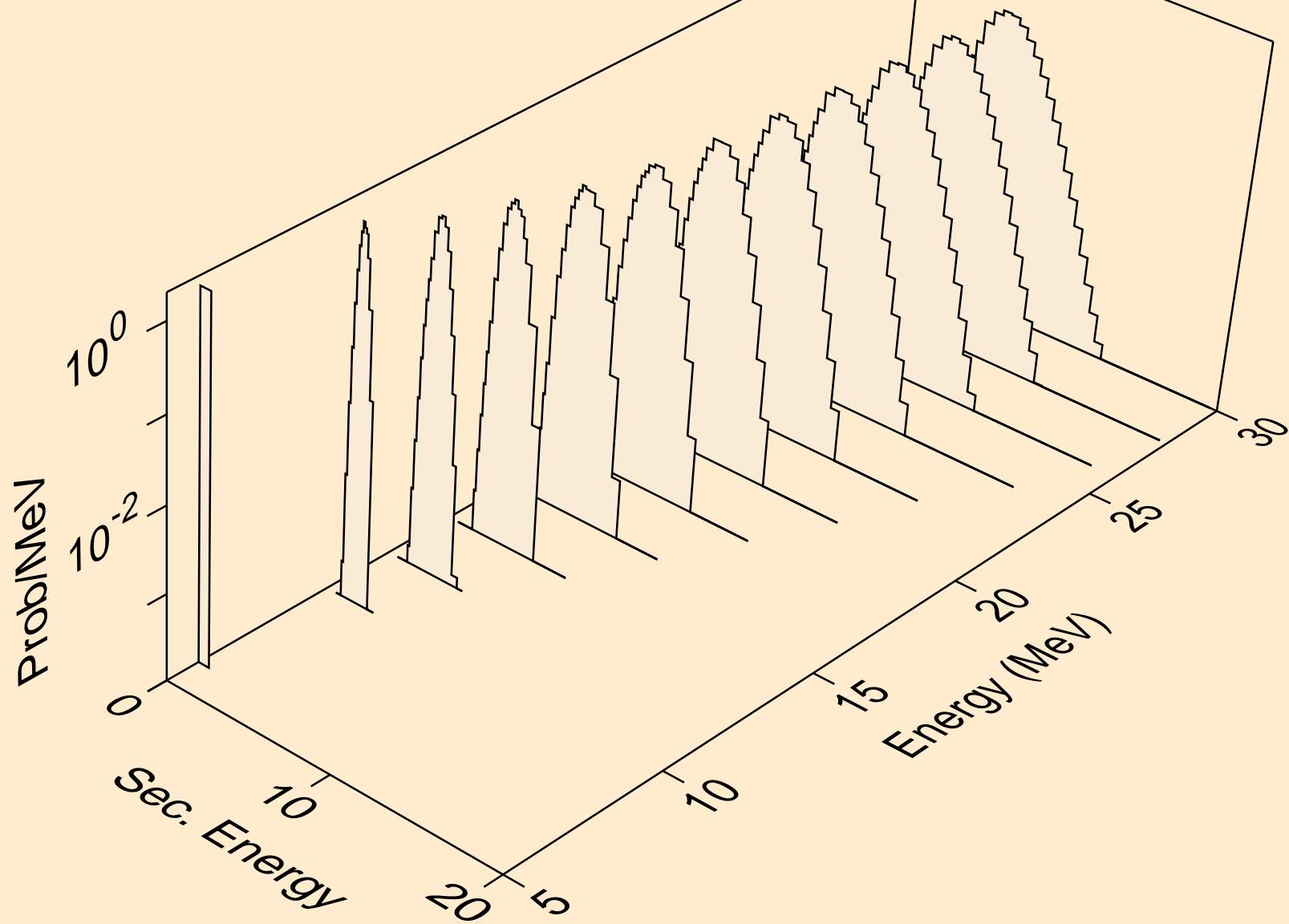
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



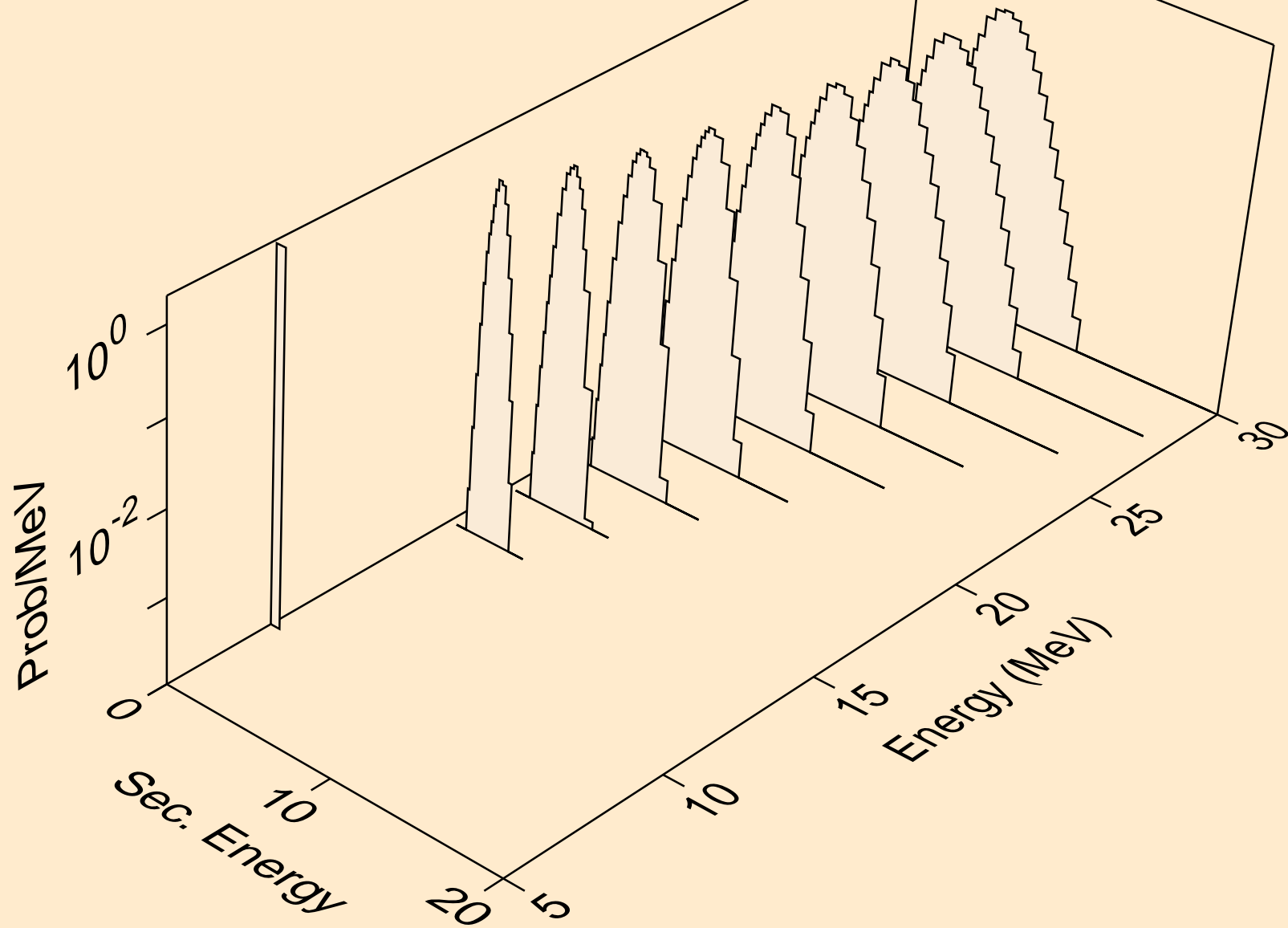
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

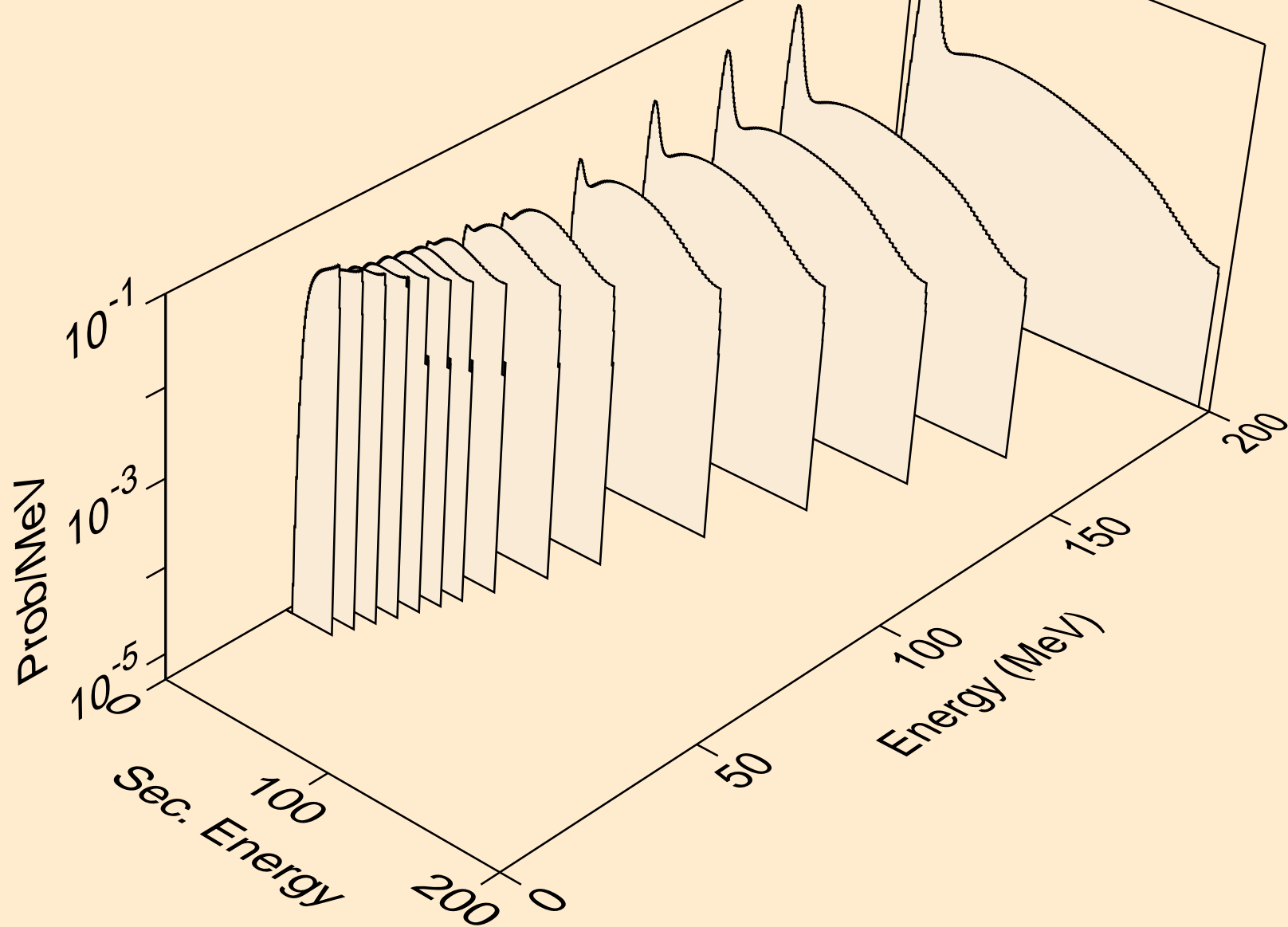


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

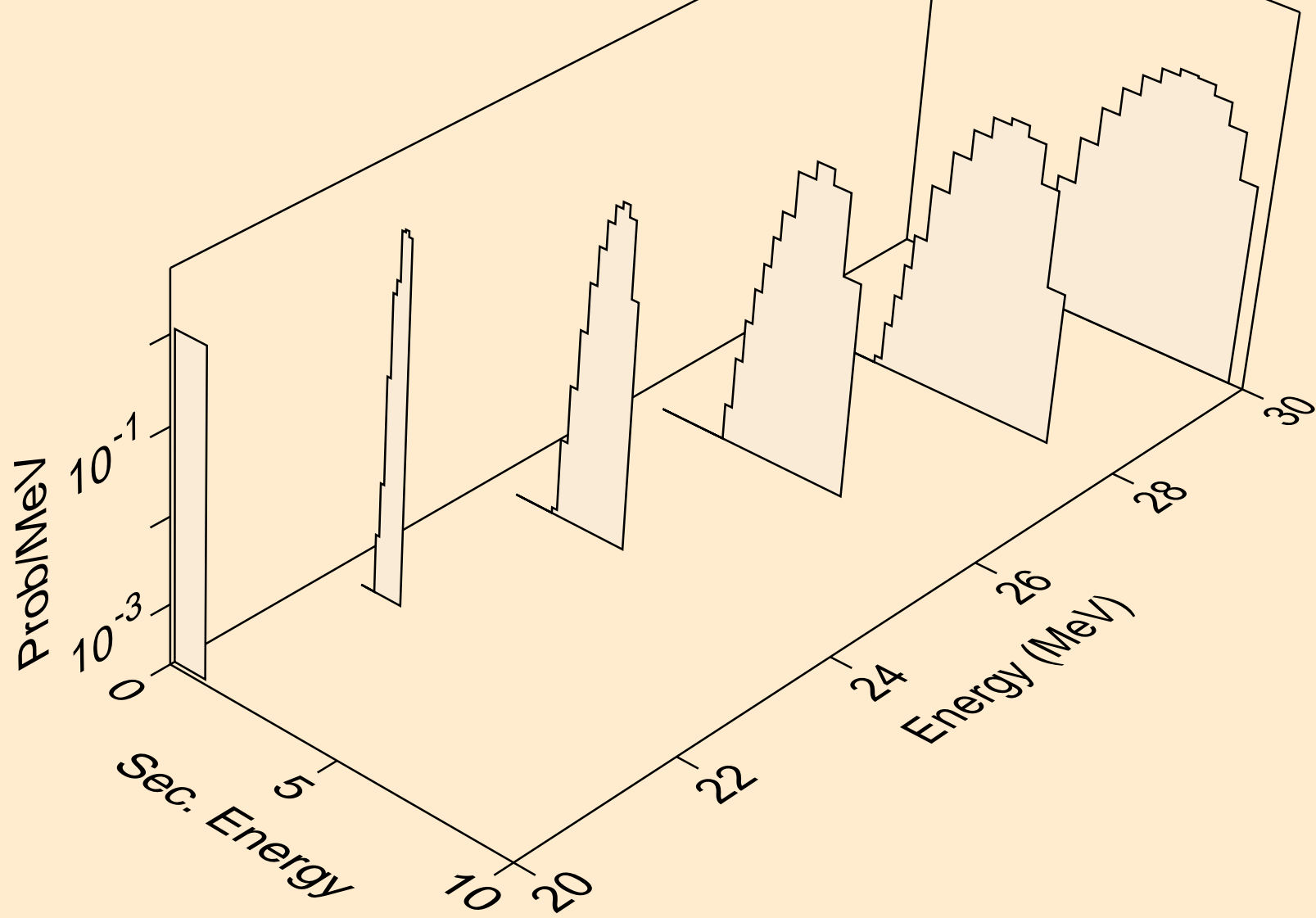




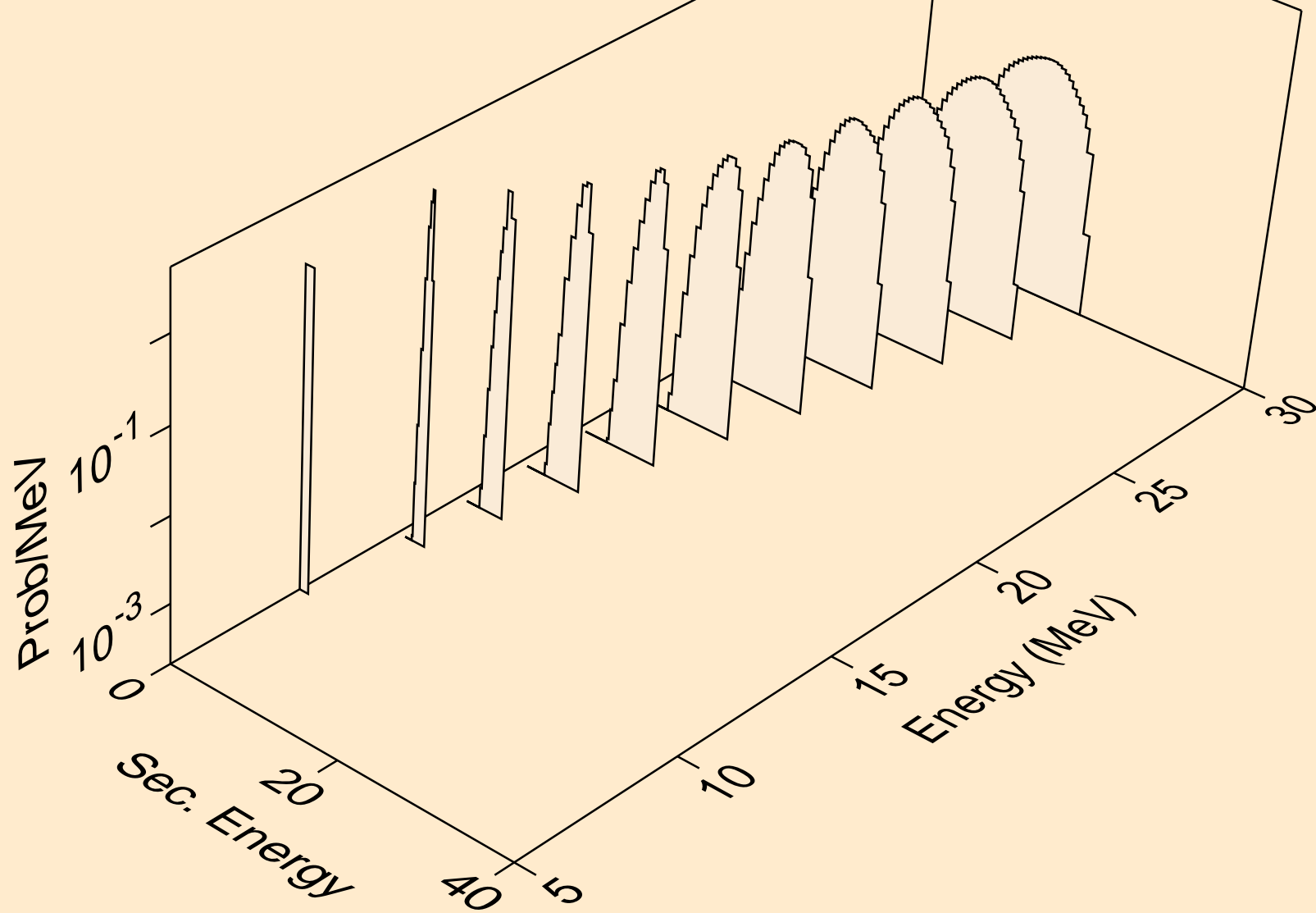
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



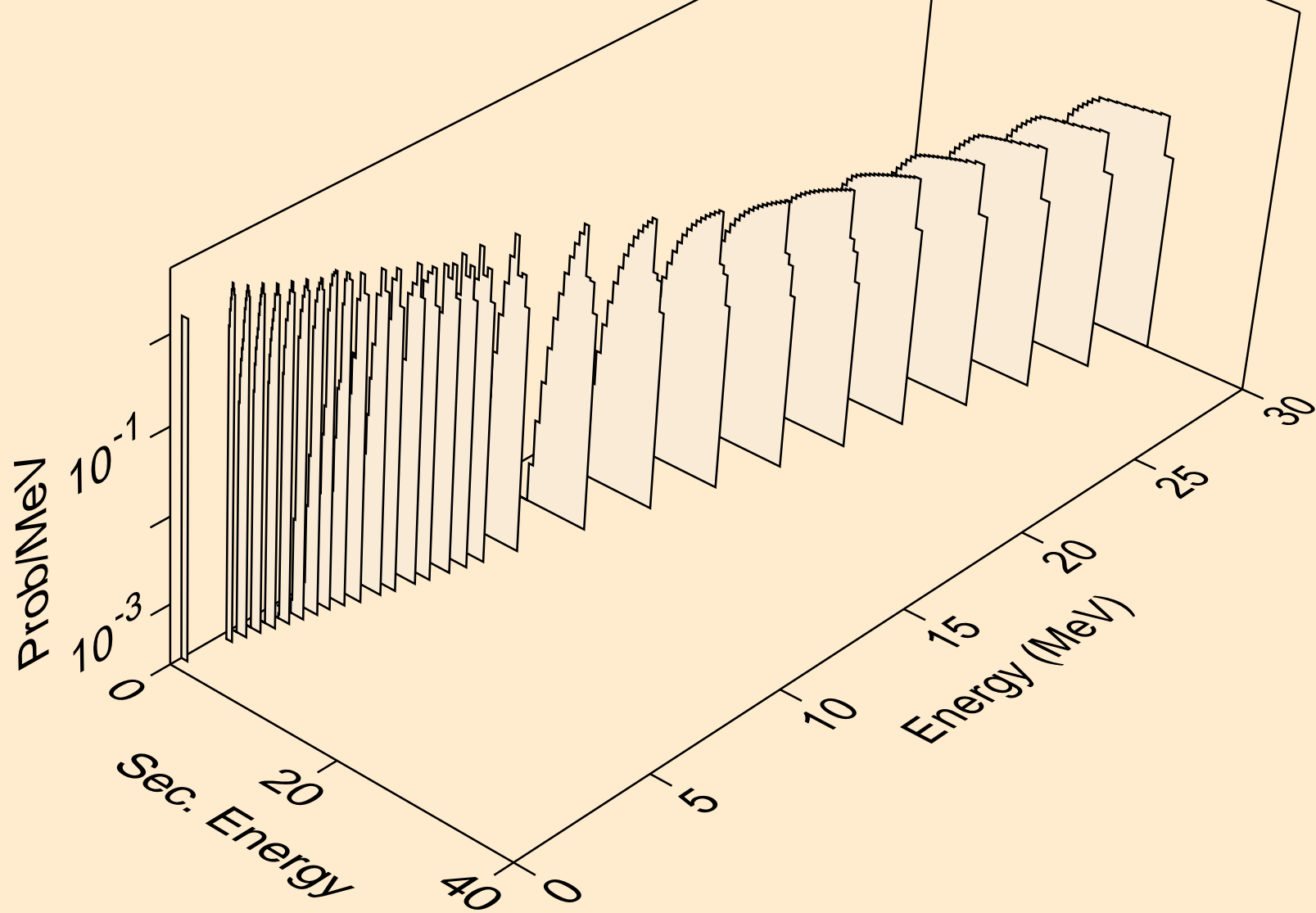
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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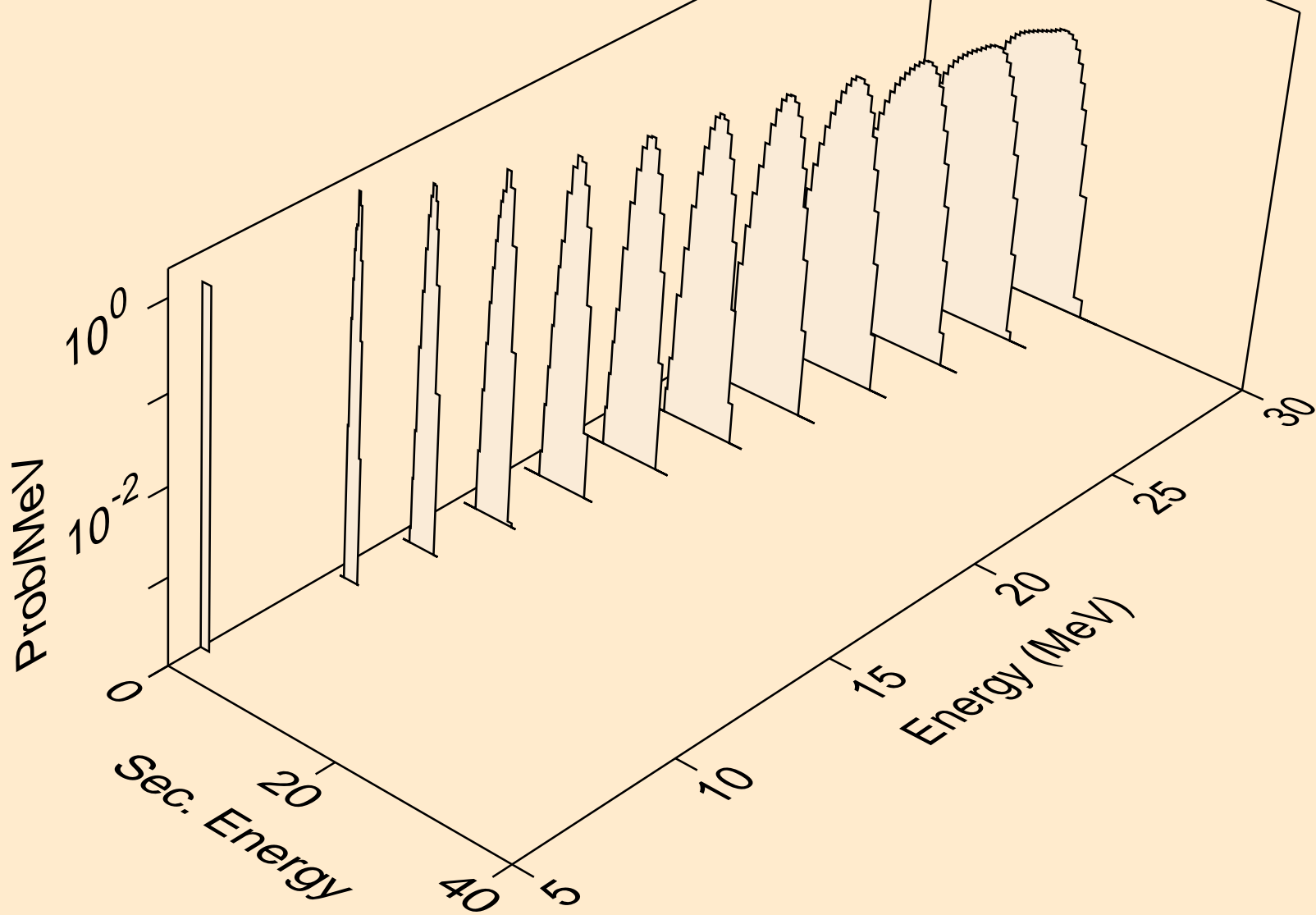
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



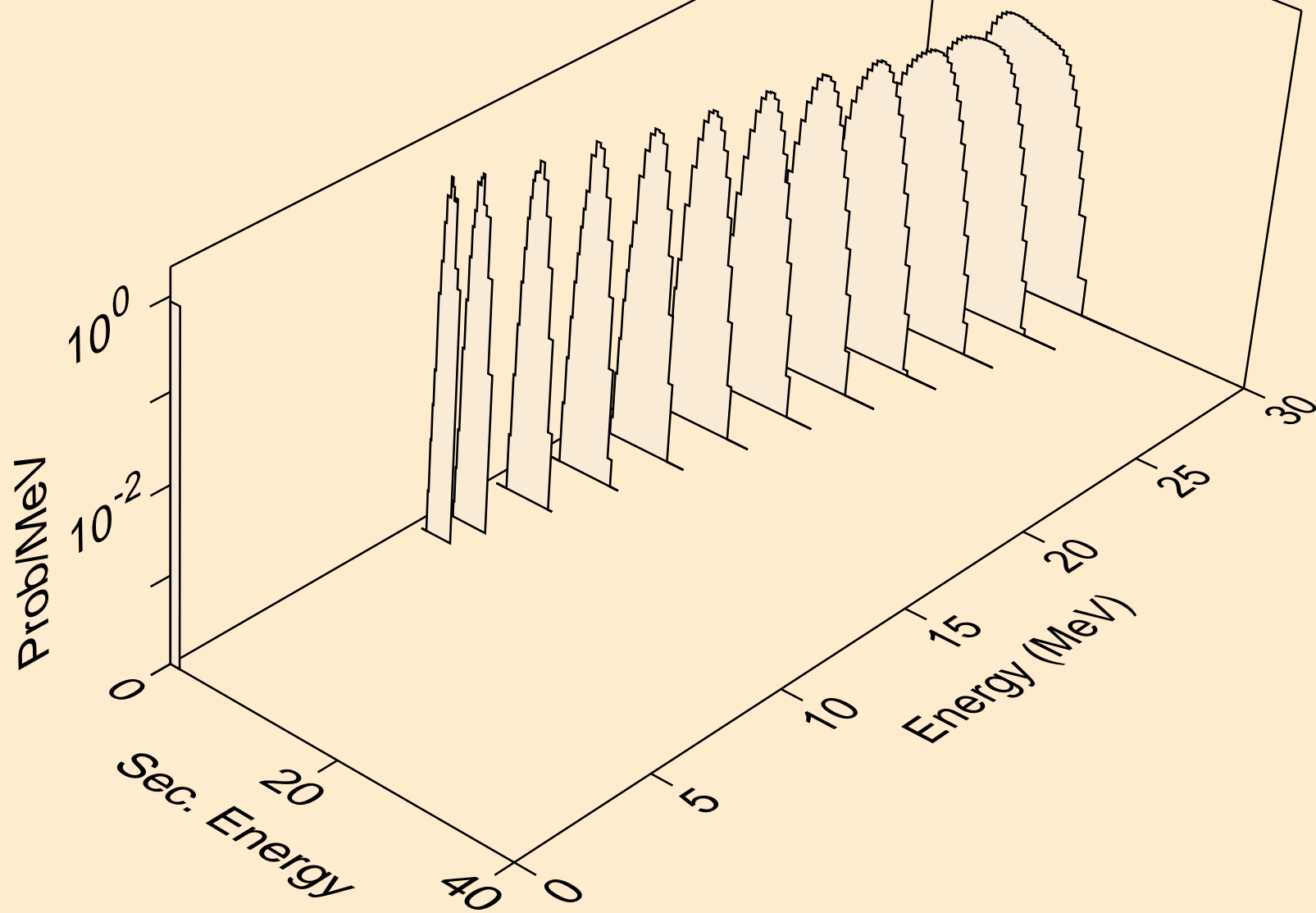
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



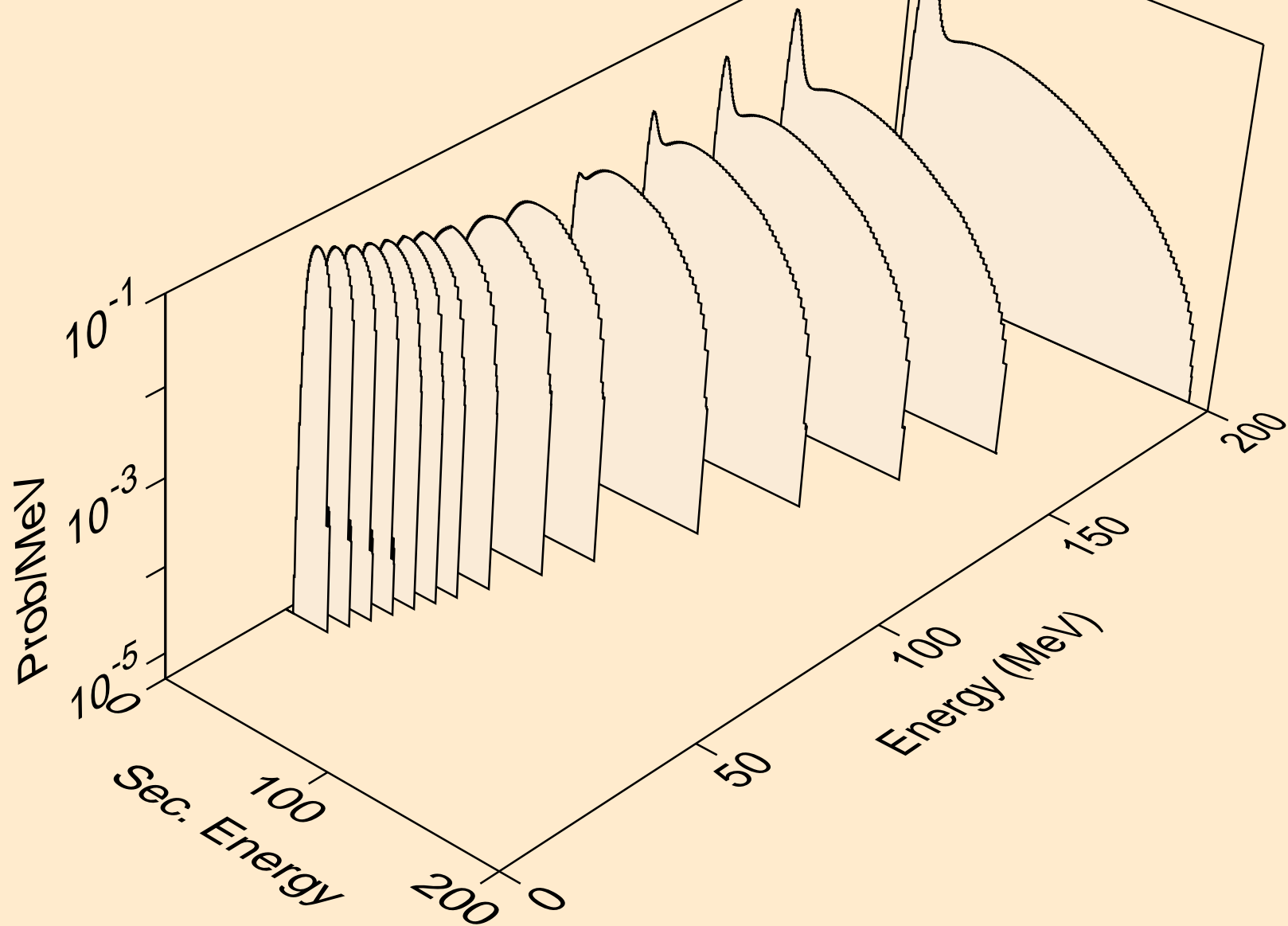
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



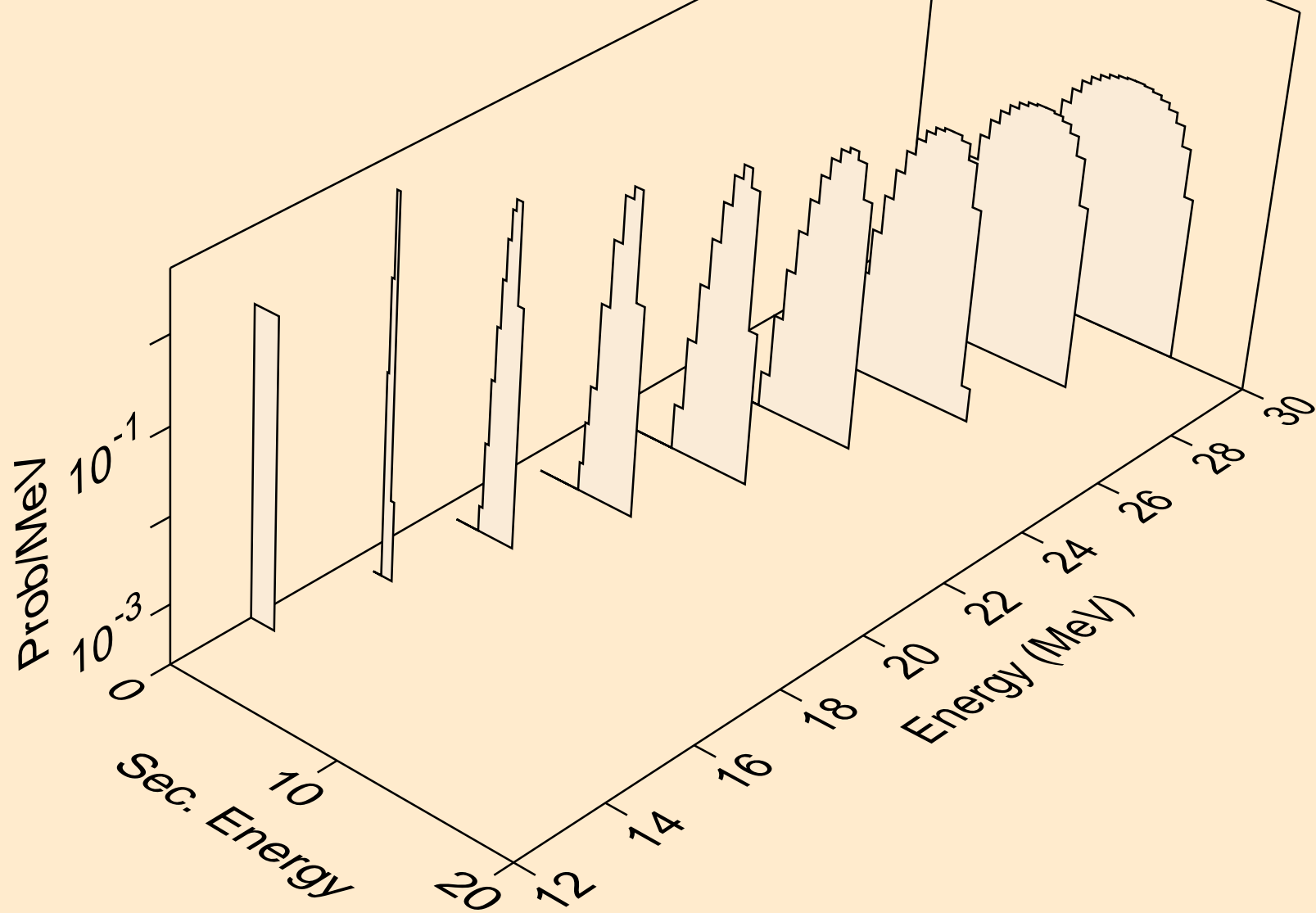
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

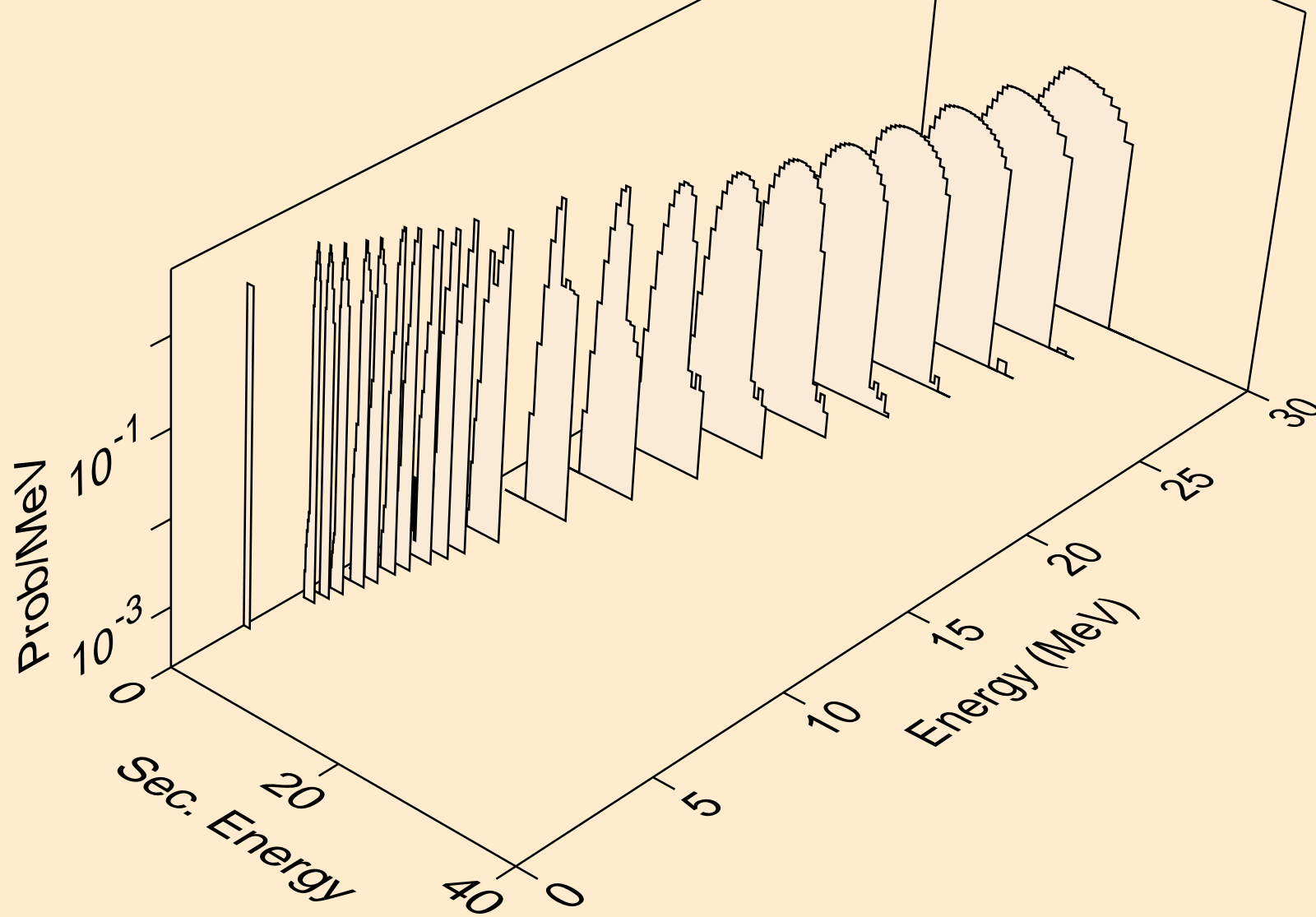


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

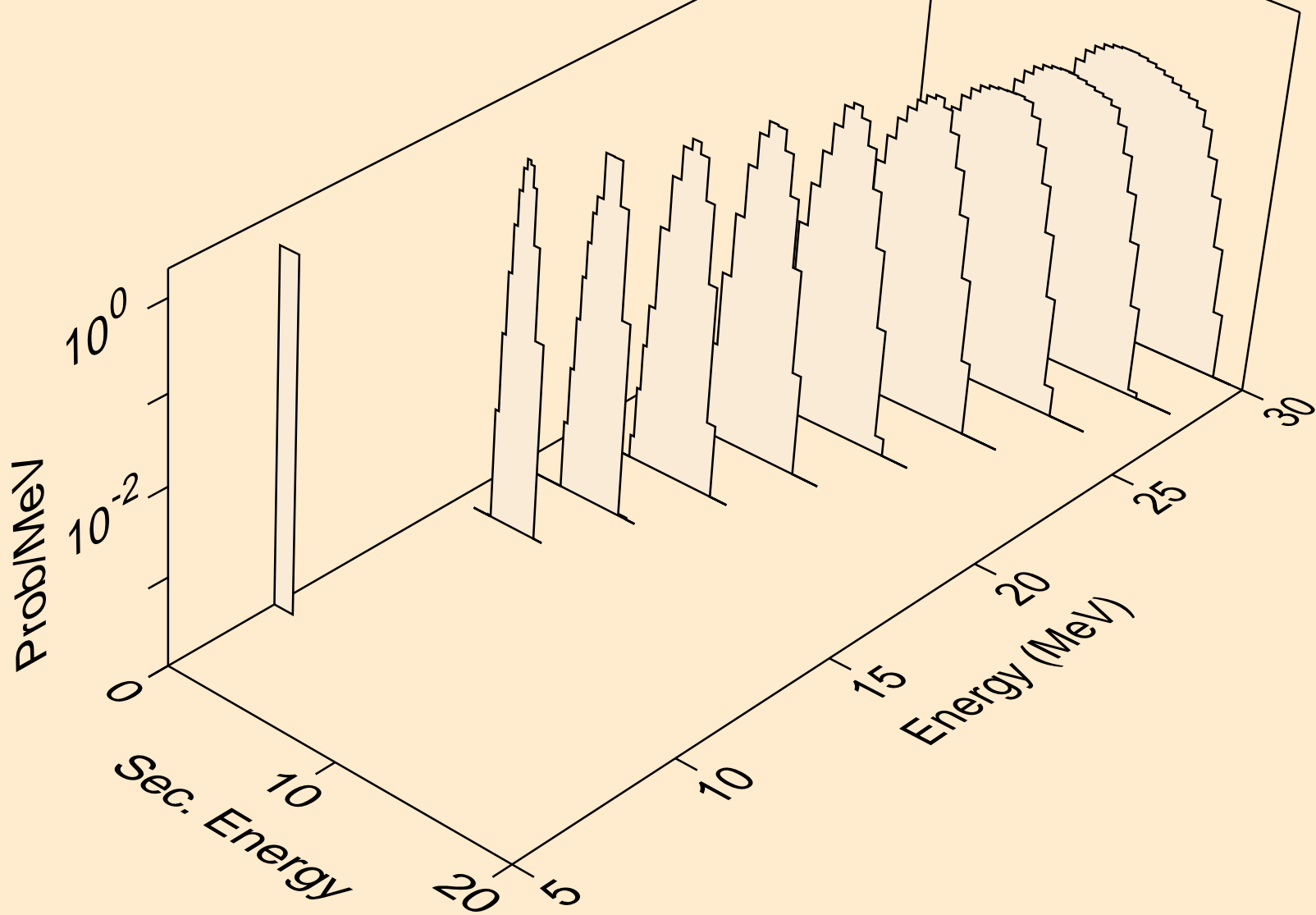




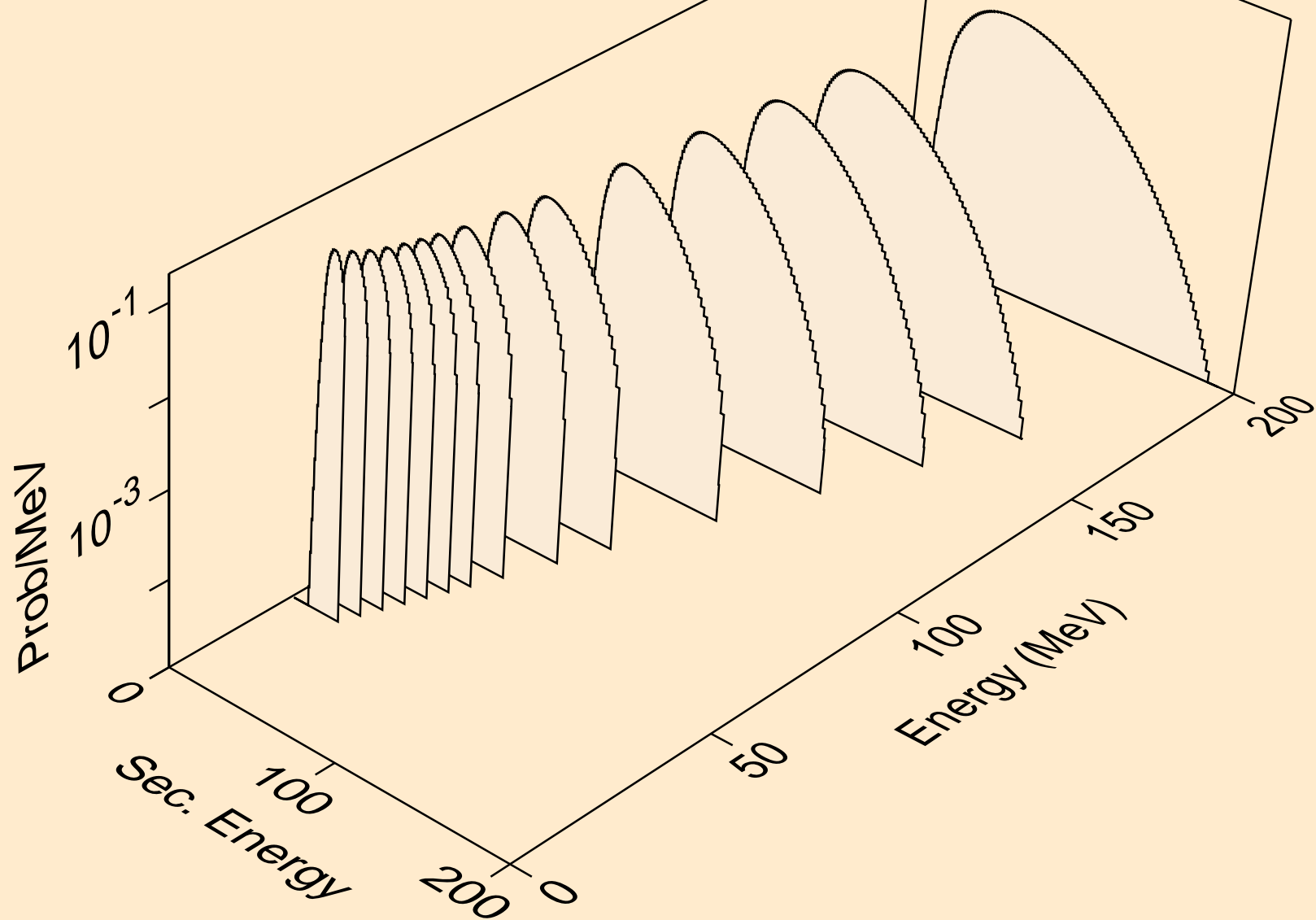
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



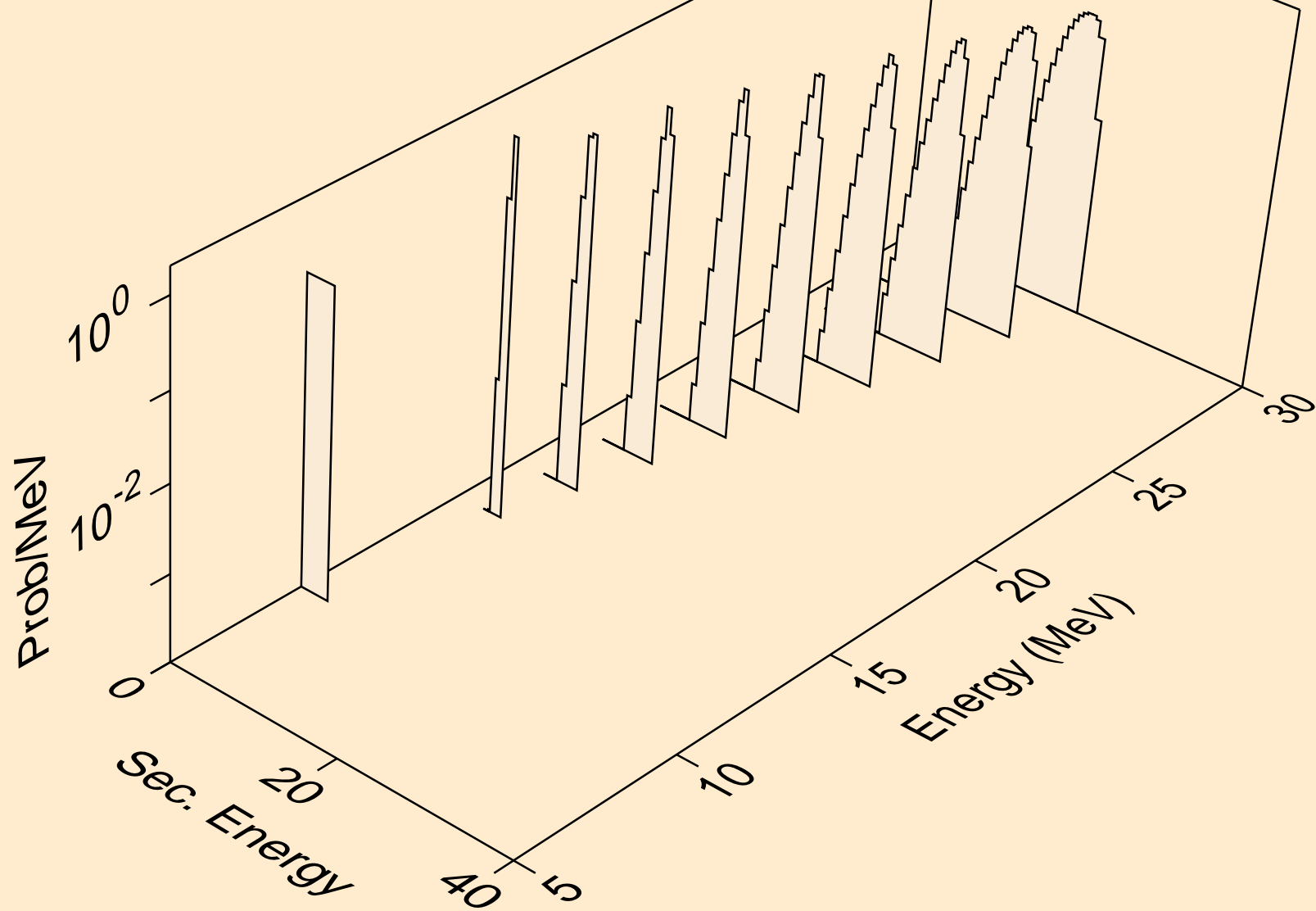
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



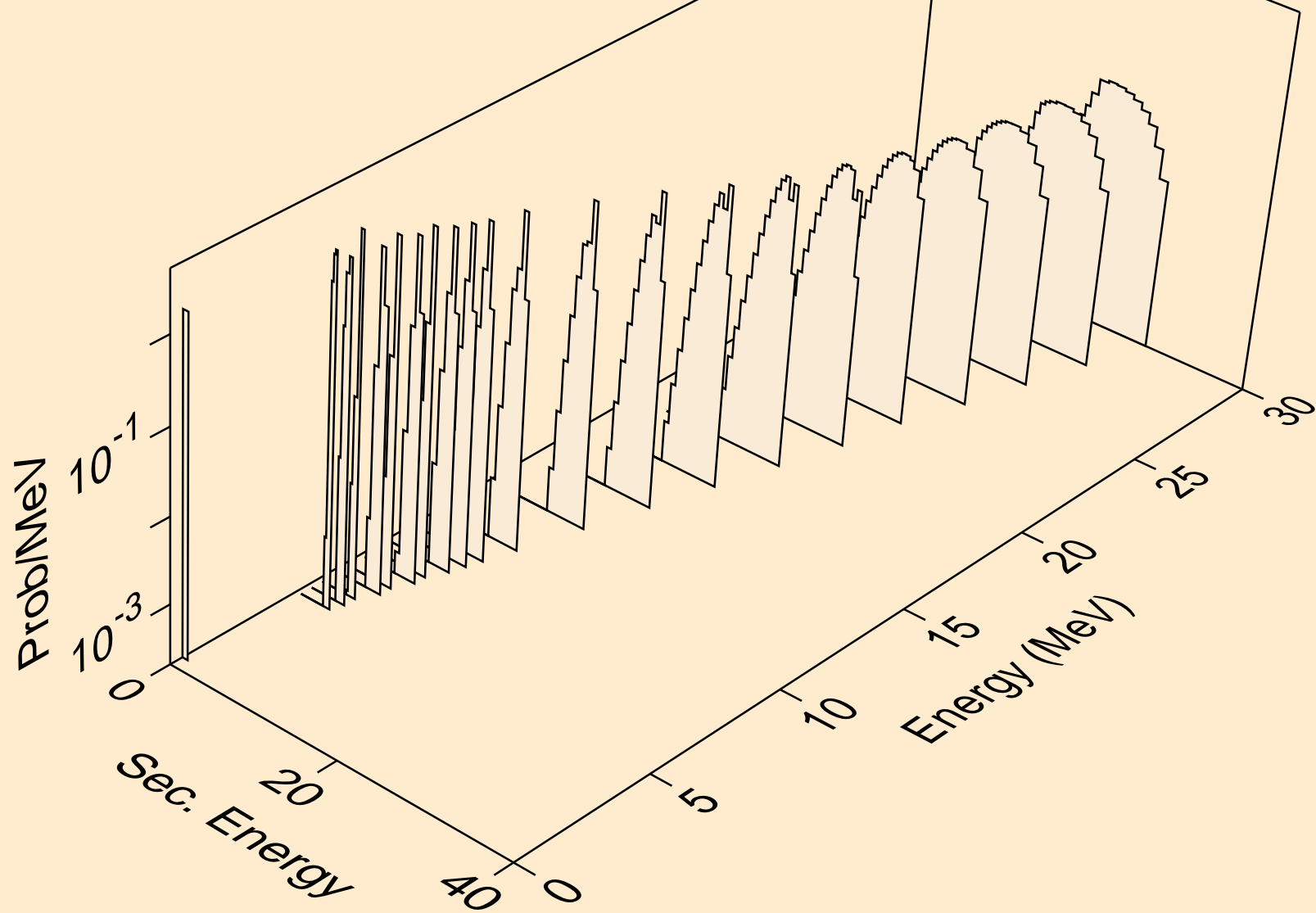
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



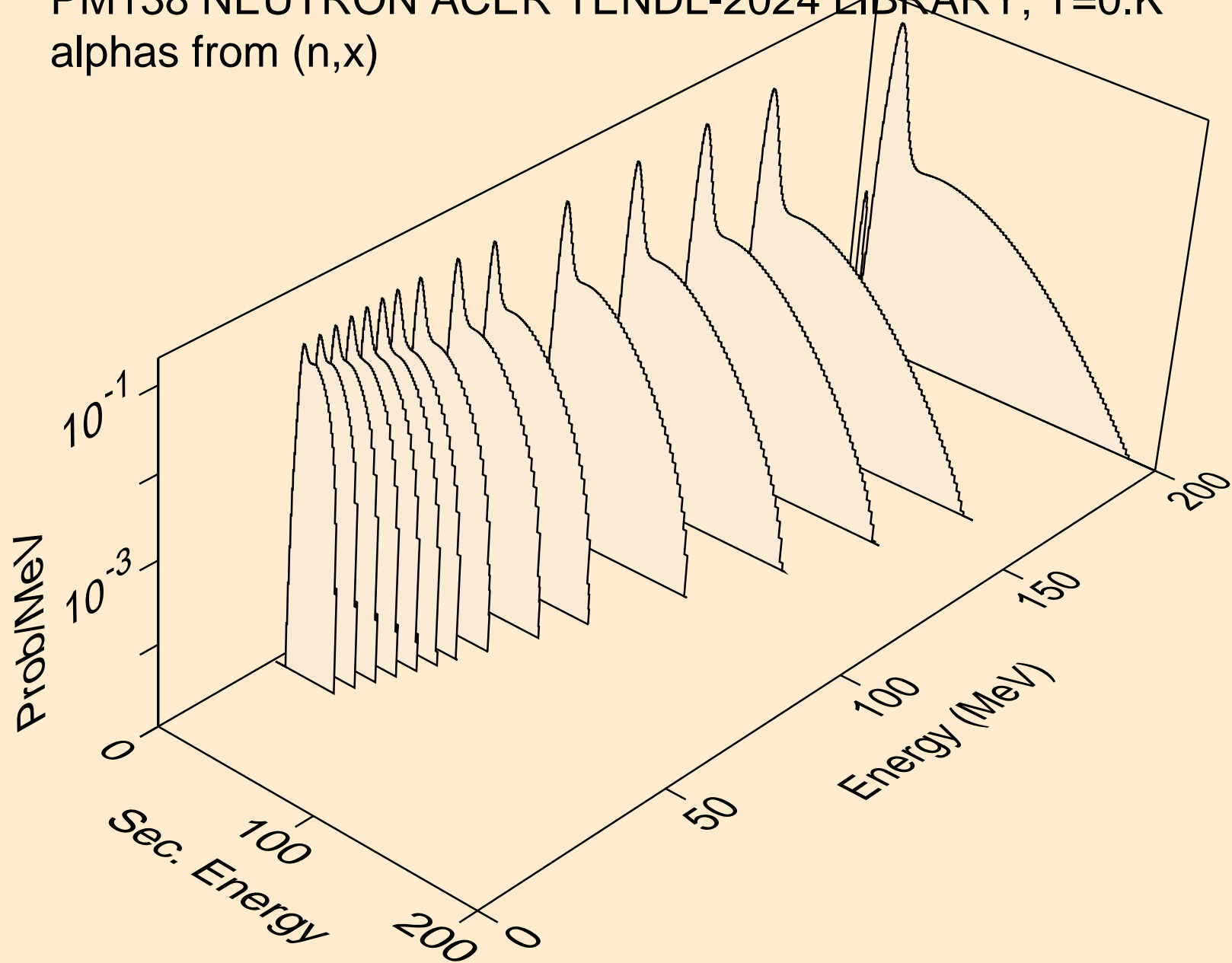
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



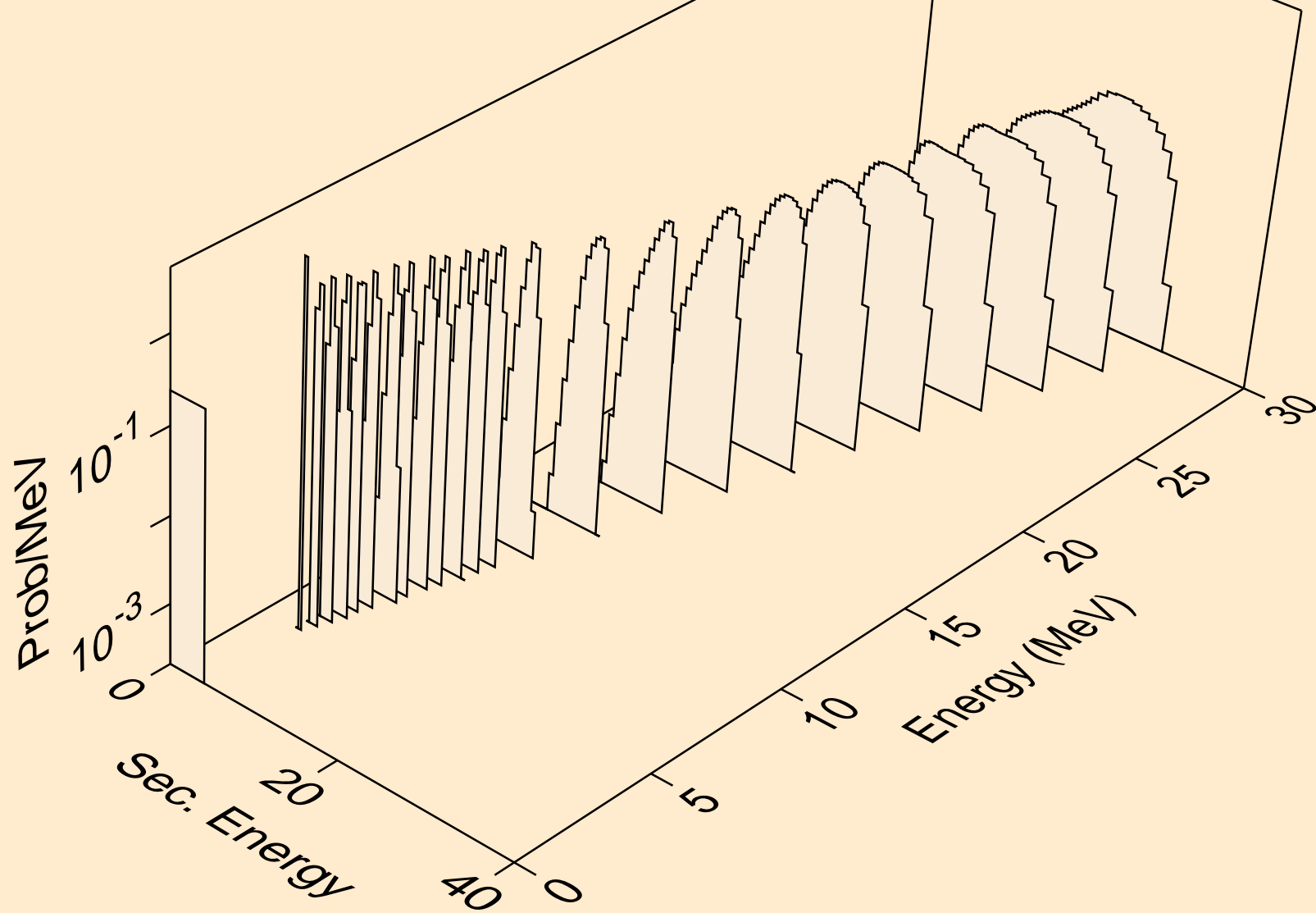
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he3s from (n,he3)



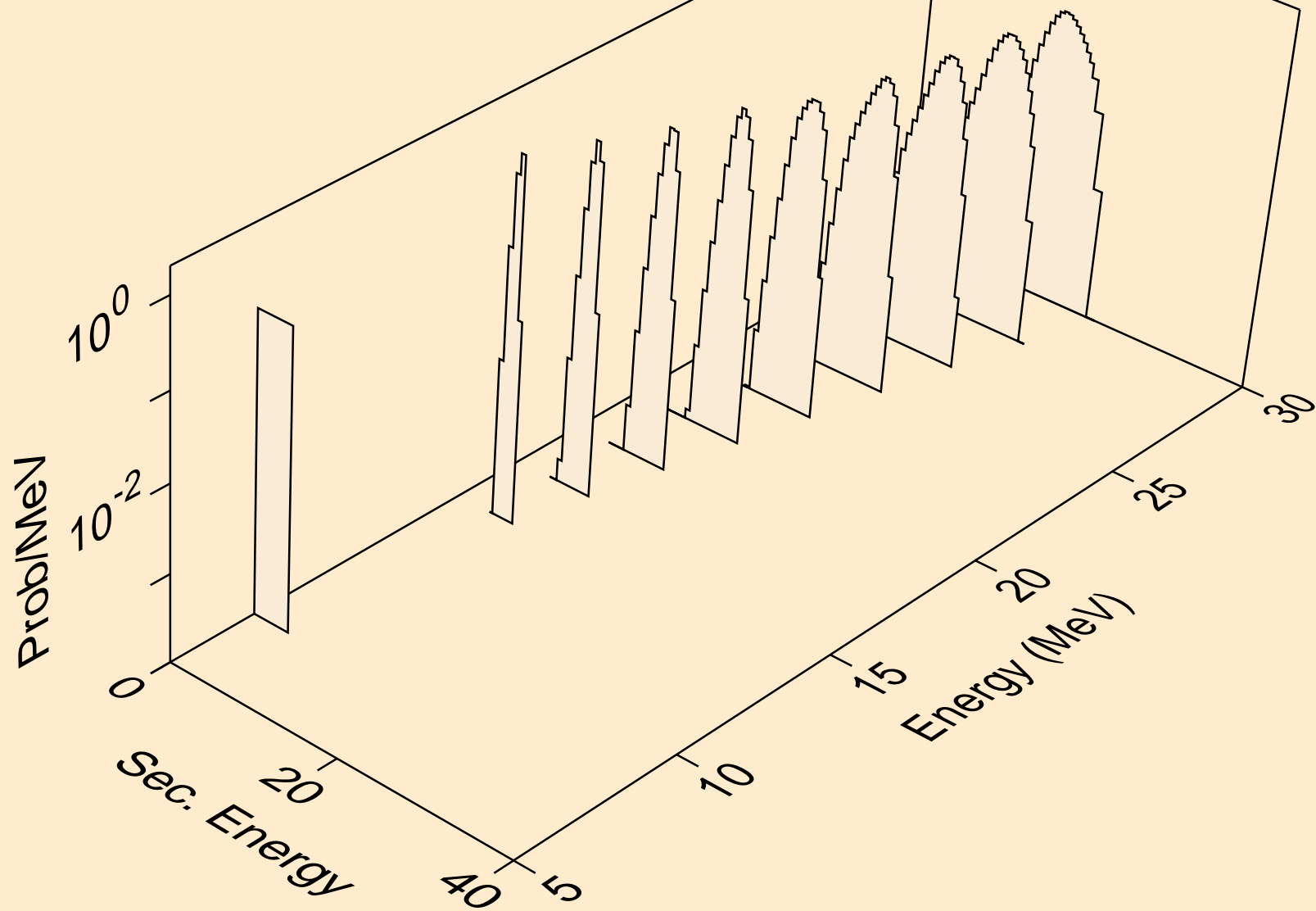
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

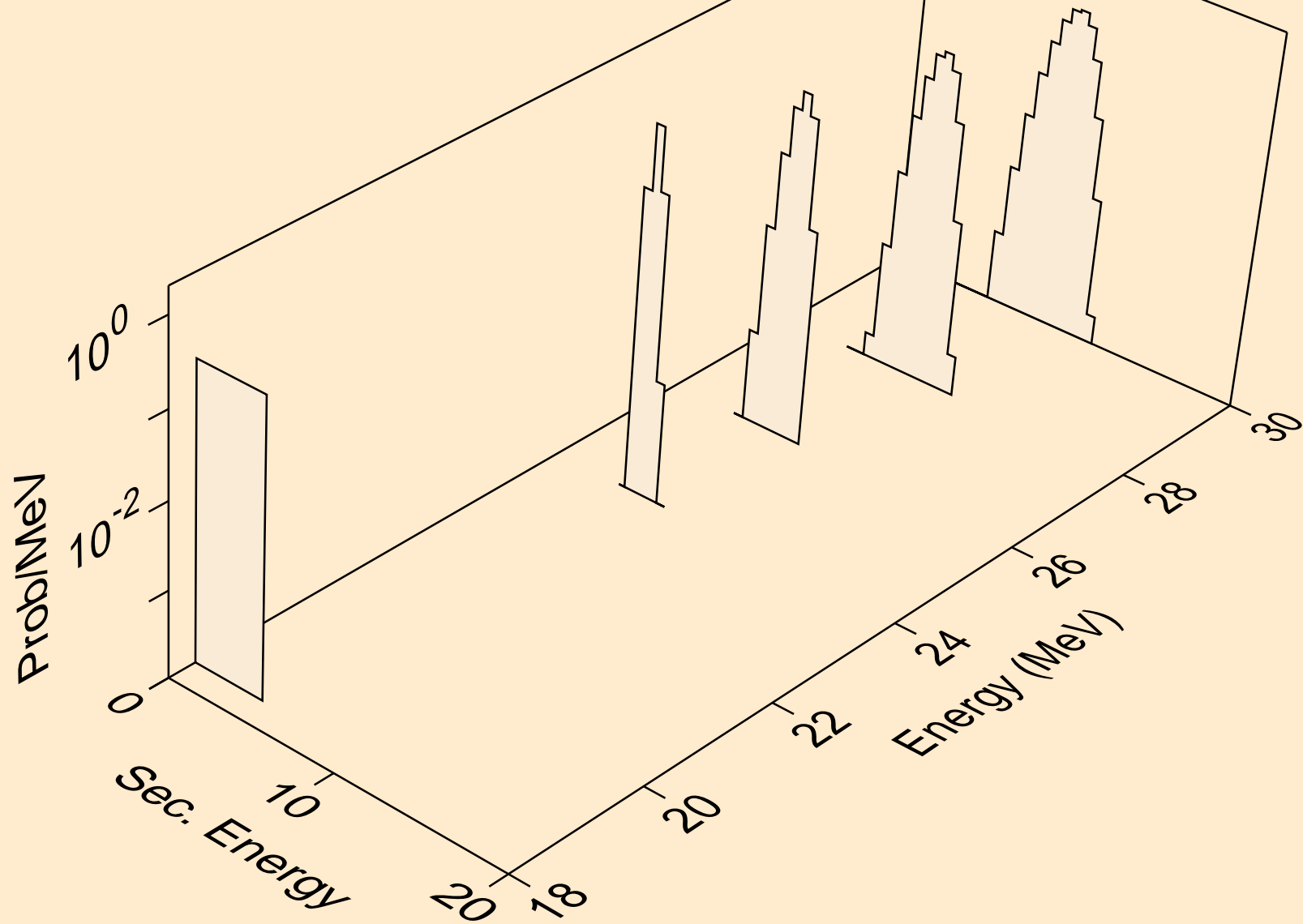


PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

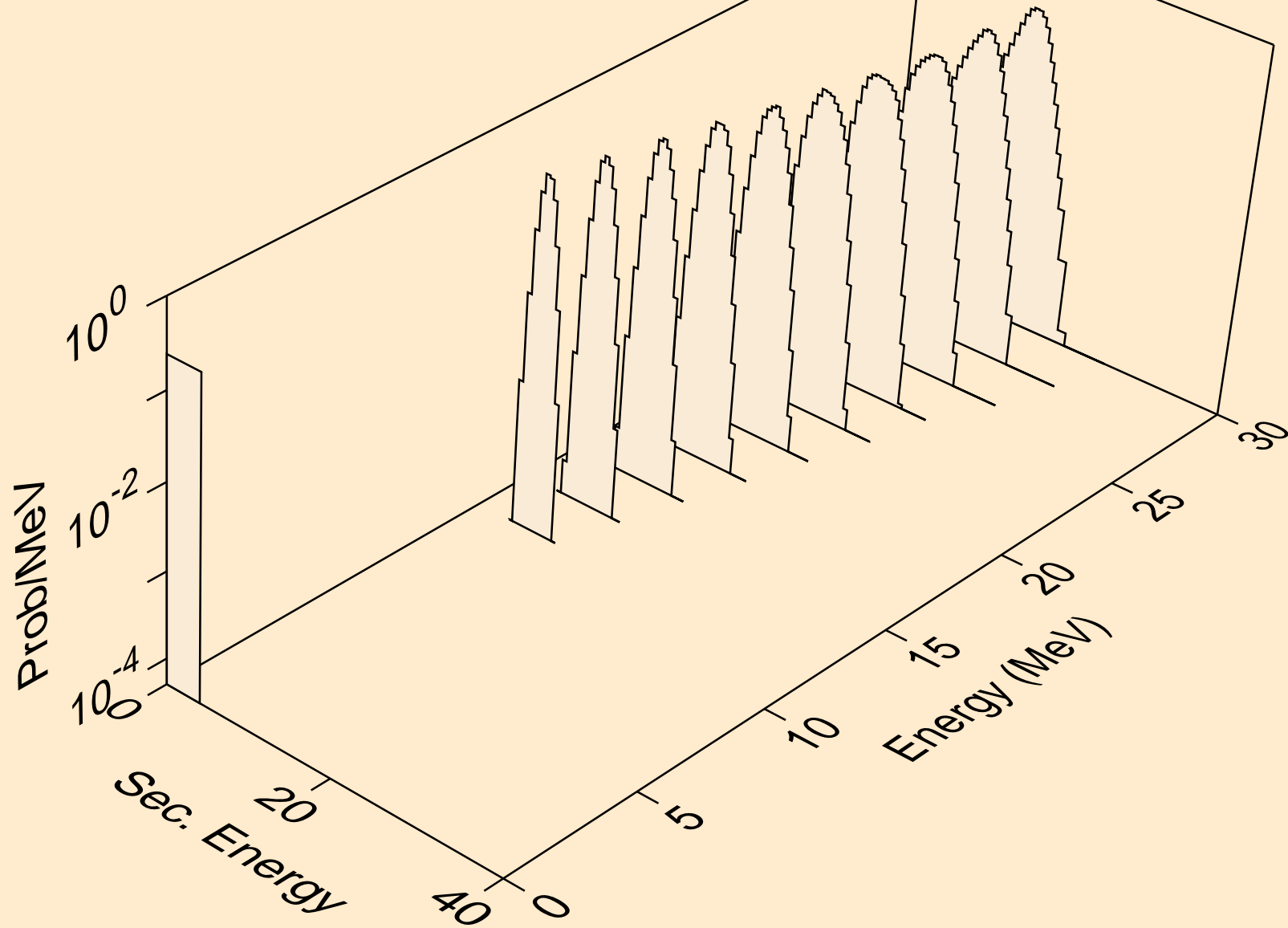




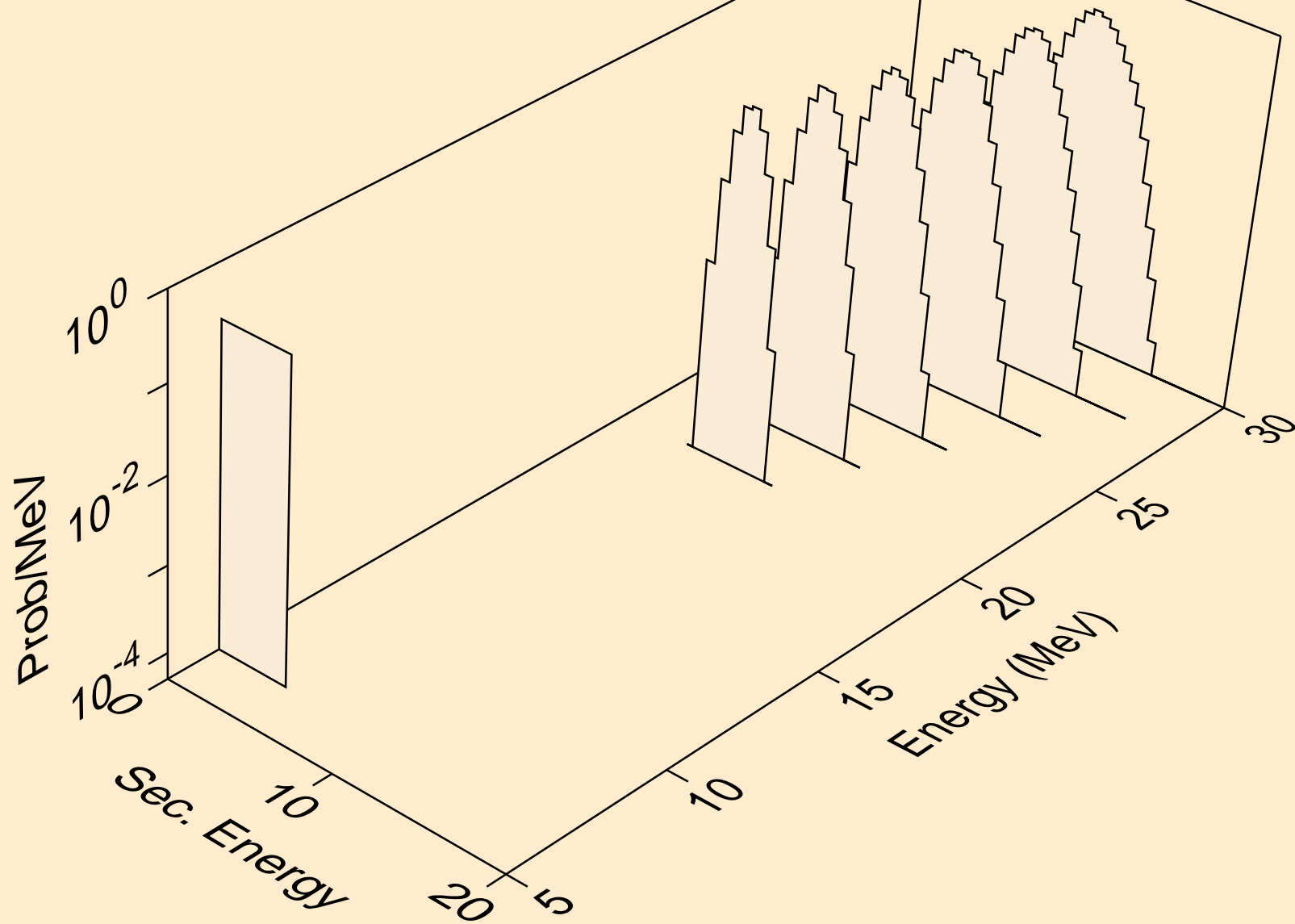
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



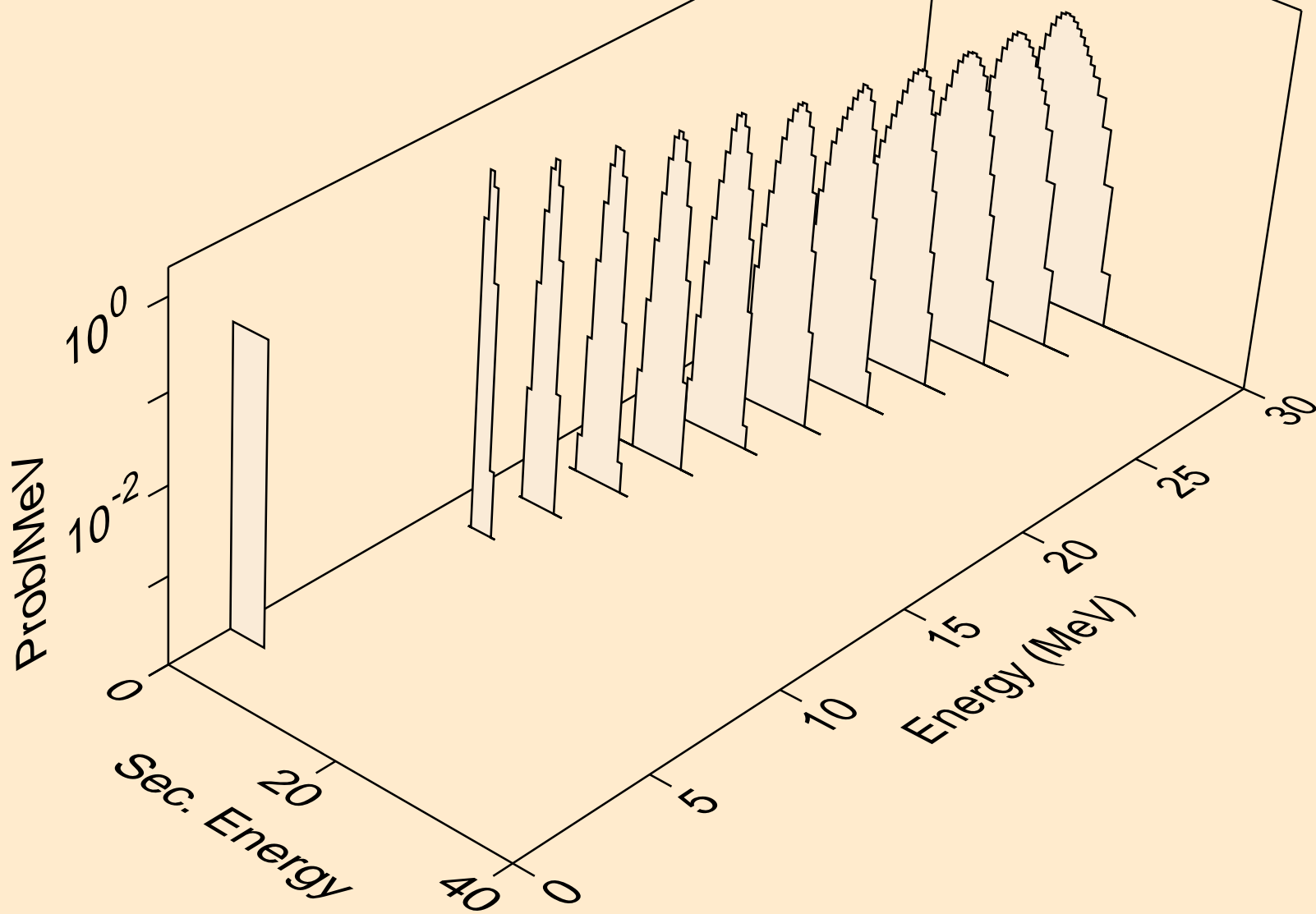
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



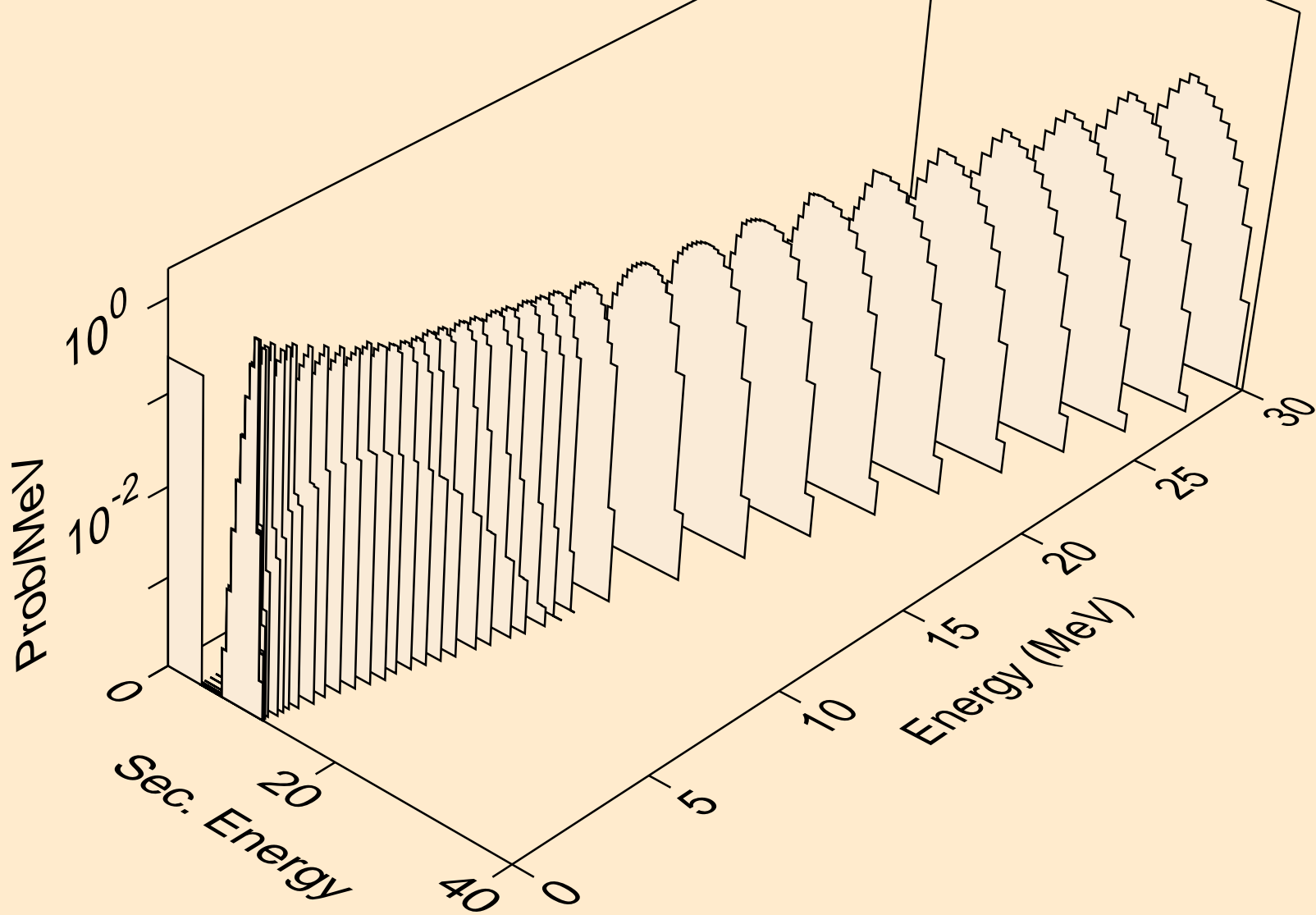
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



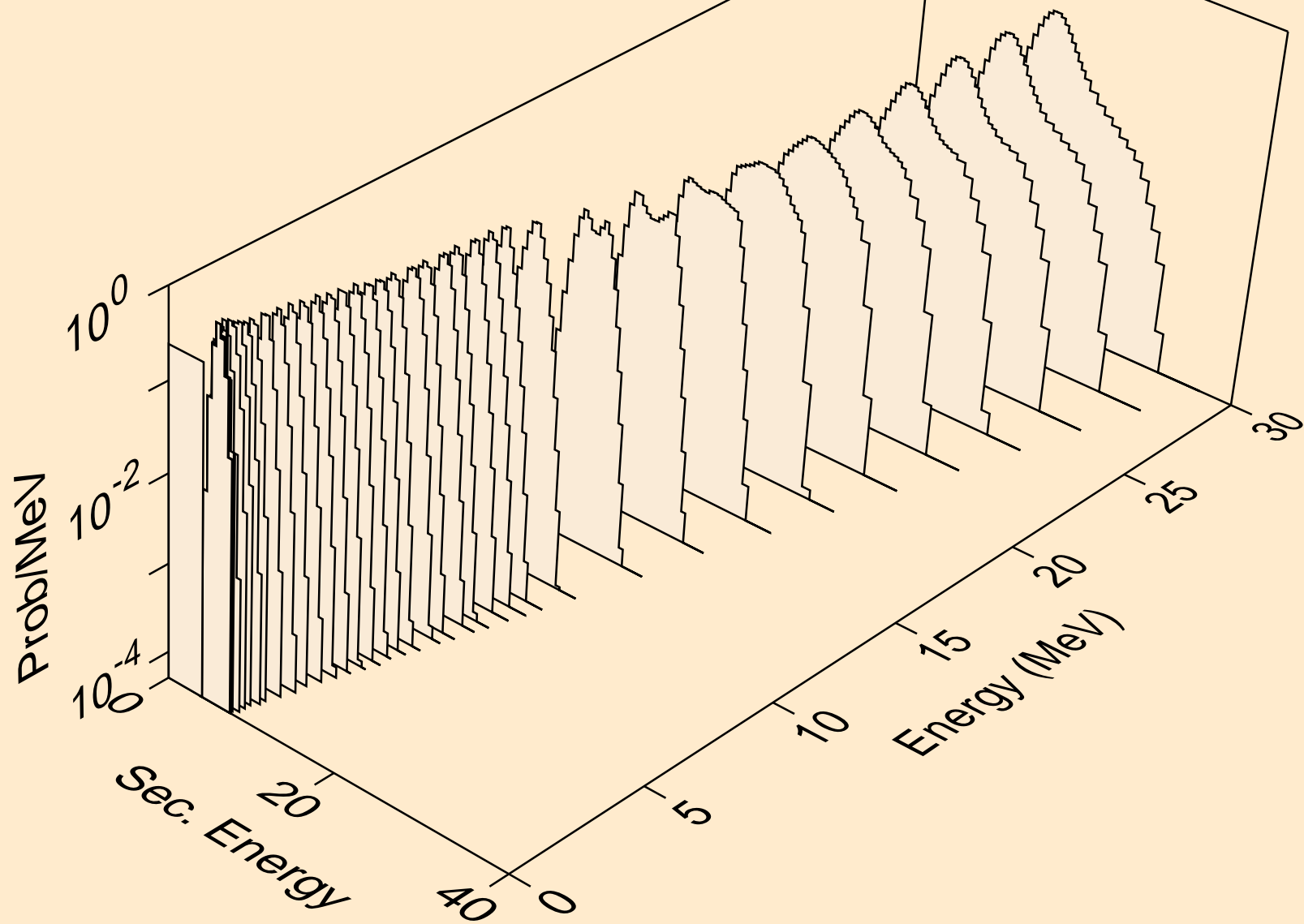
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



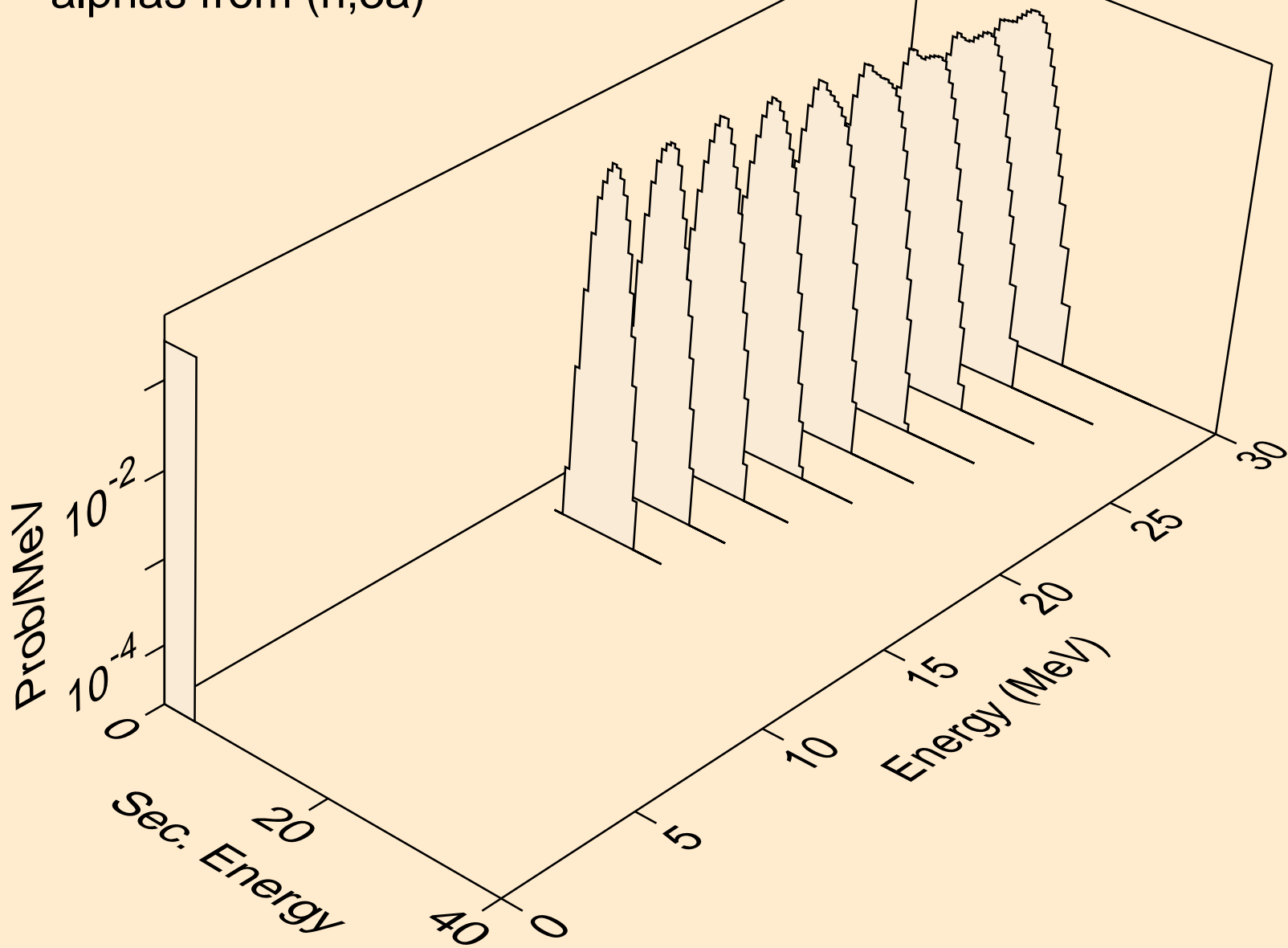
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



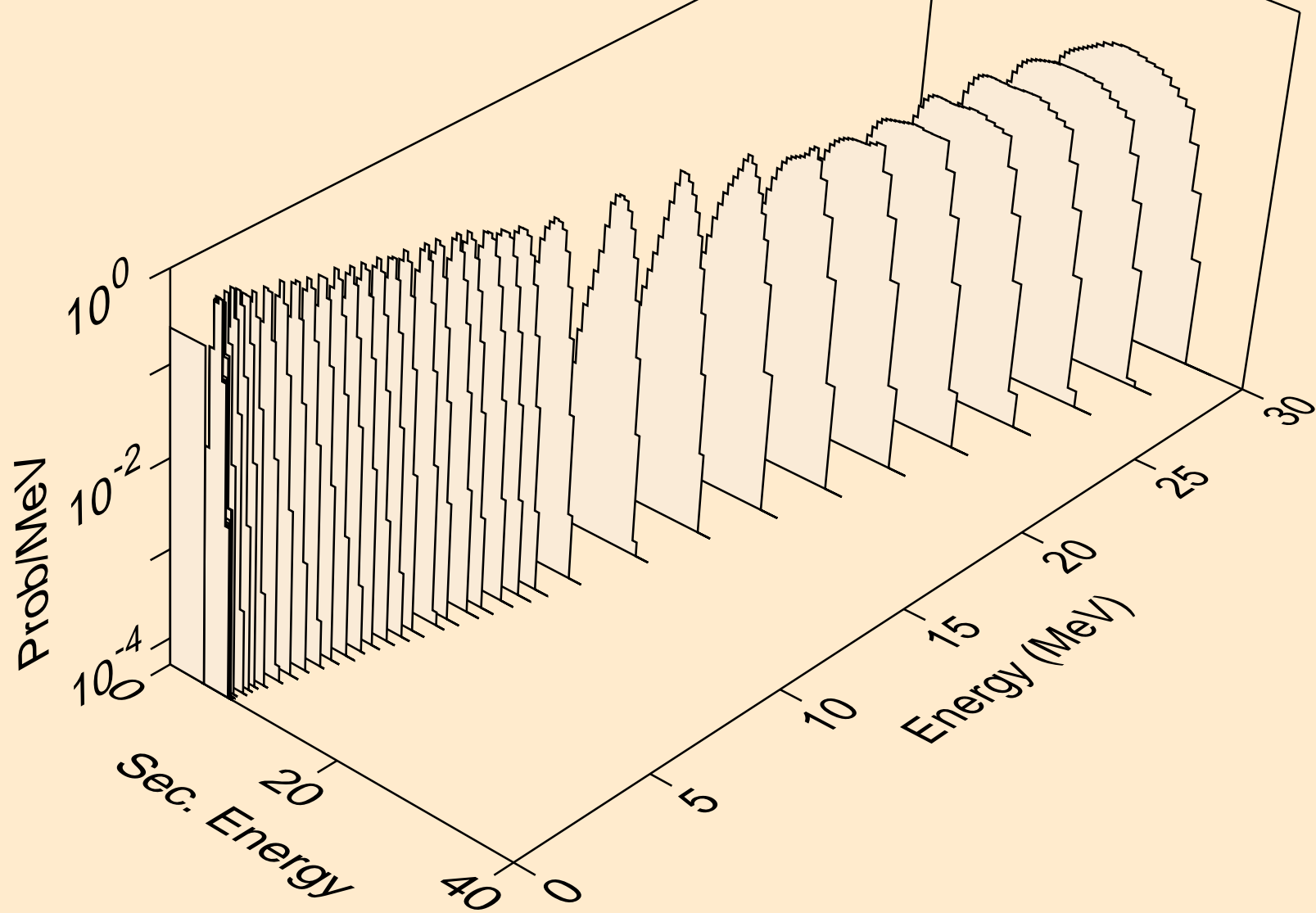
PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





PM138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

