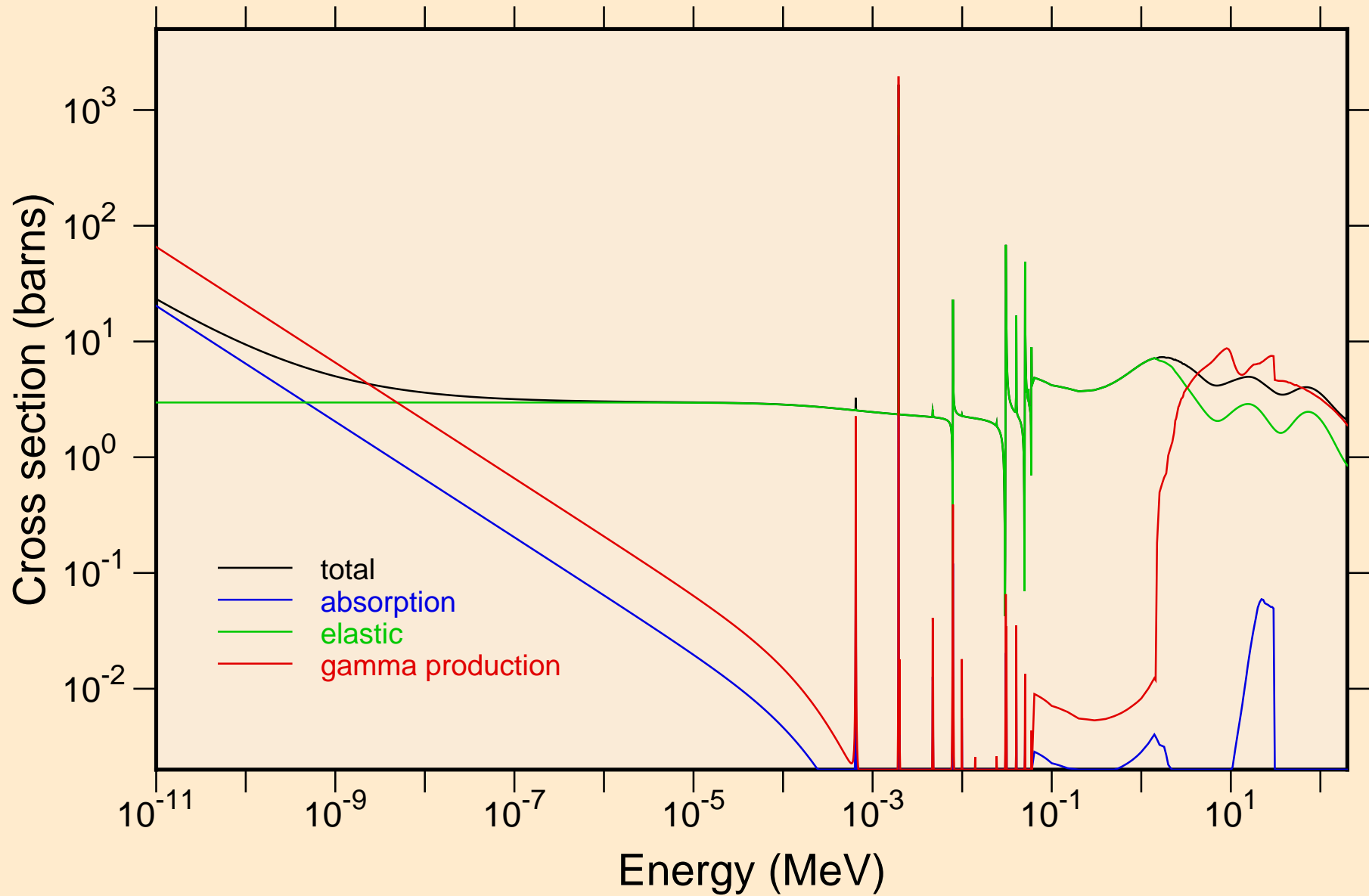
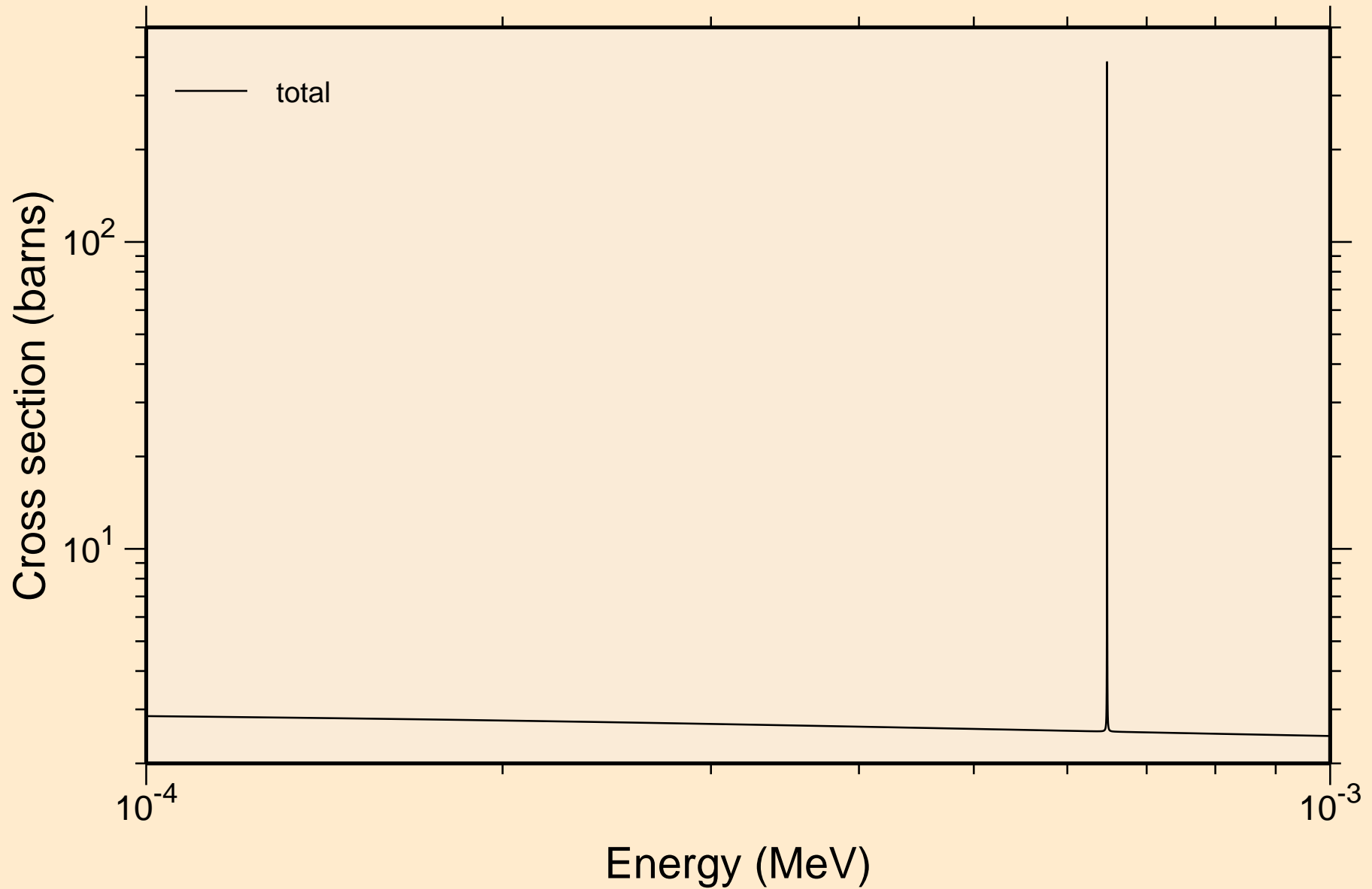


# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

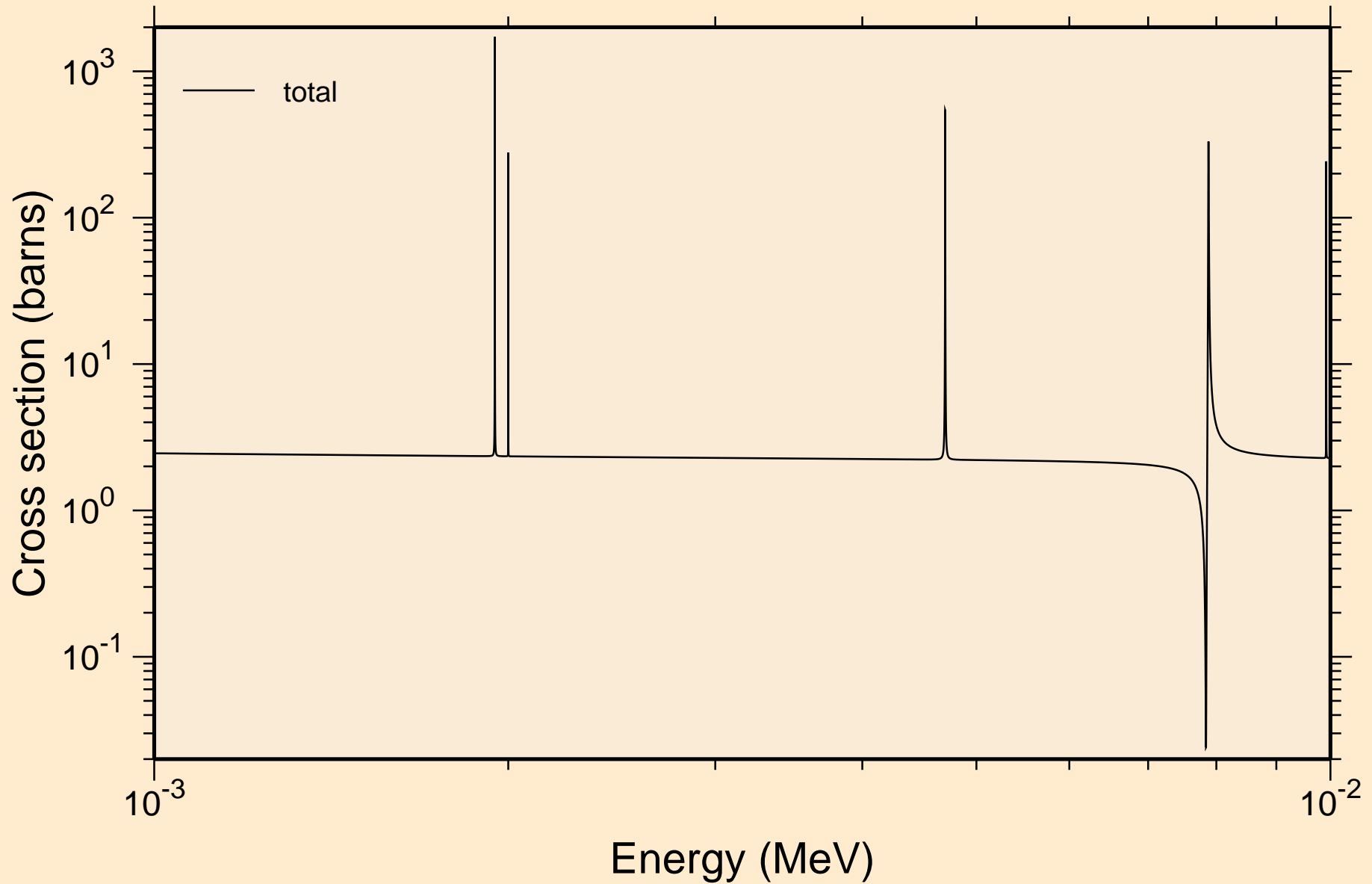
## Principal cross sections



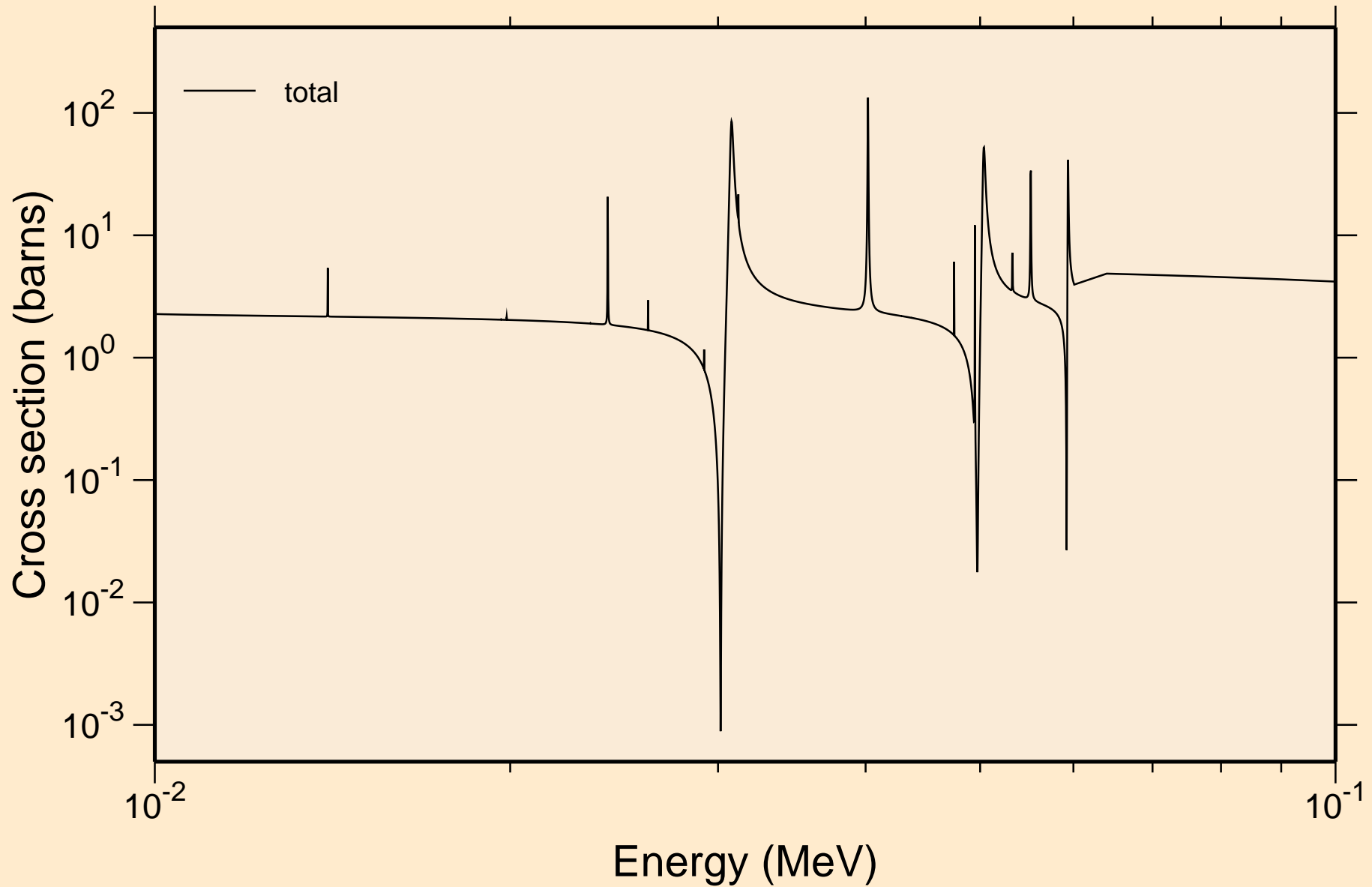
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



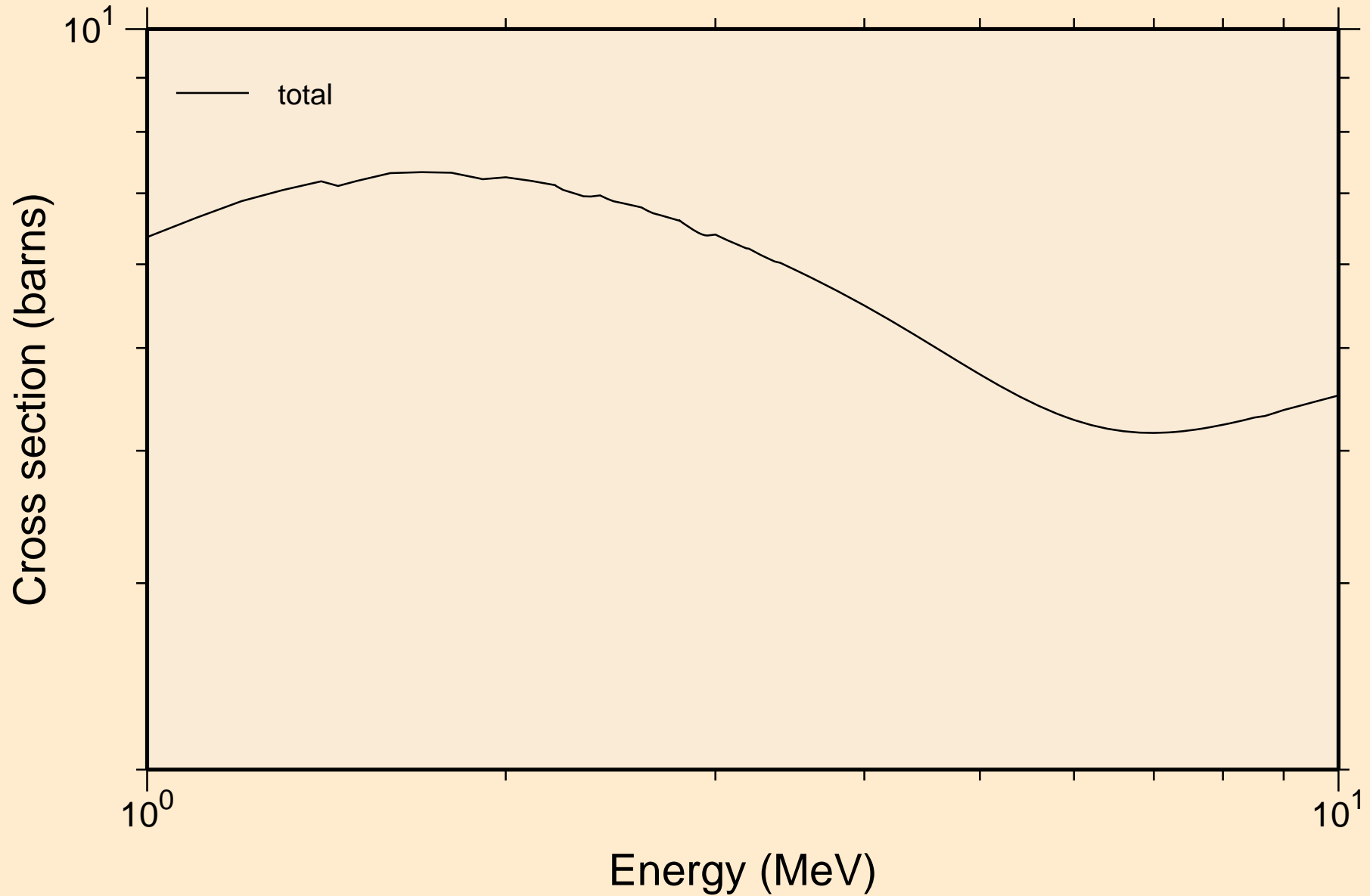
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



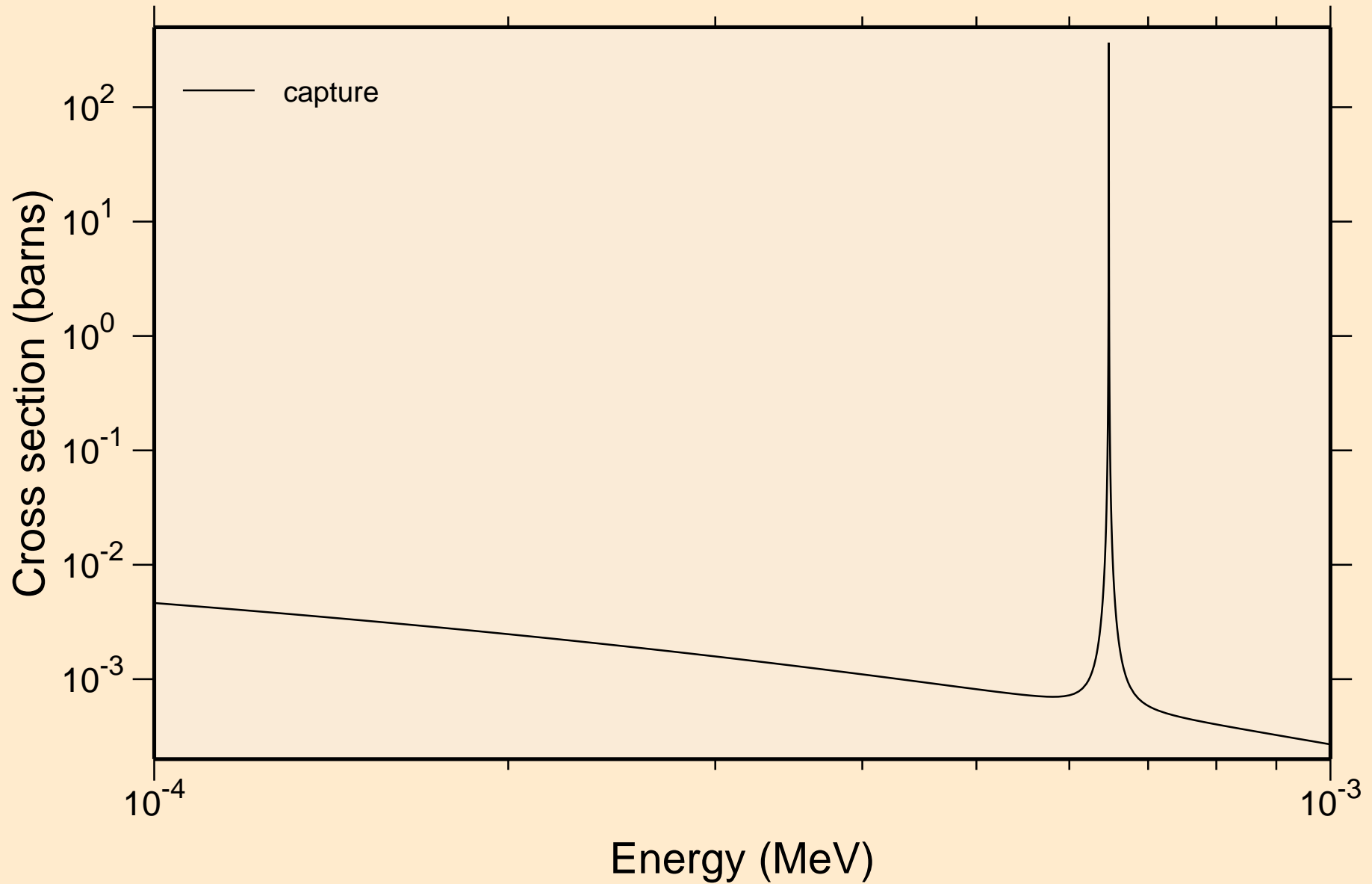
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



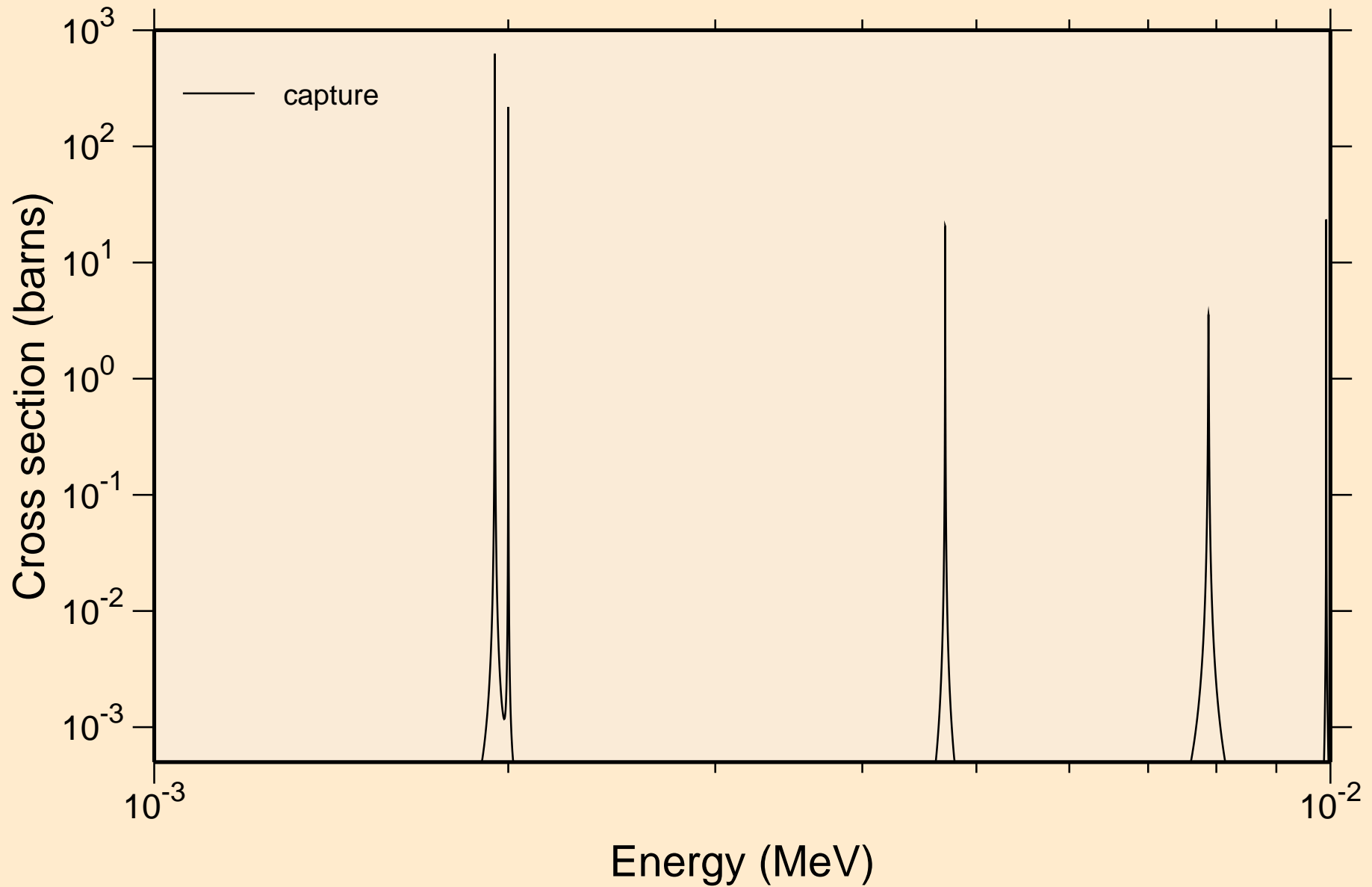
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



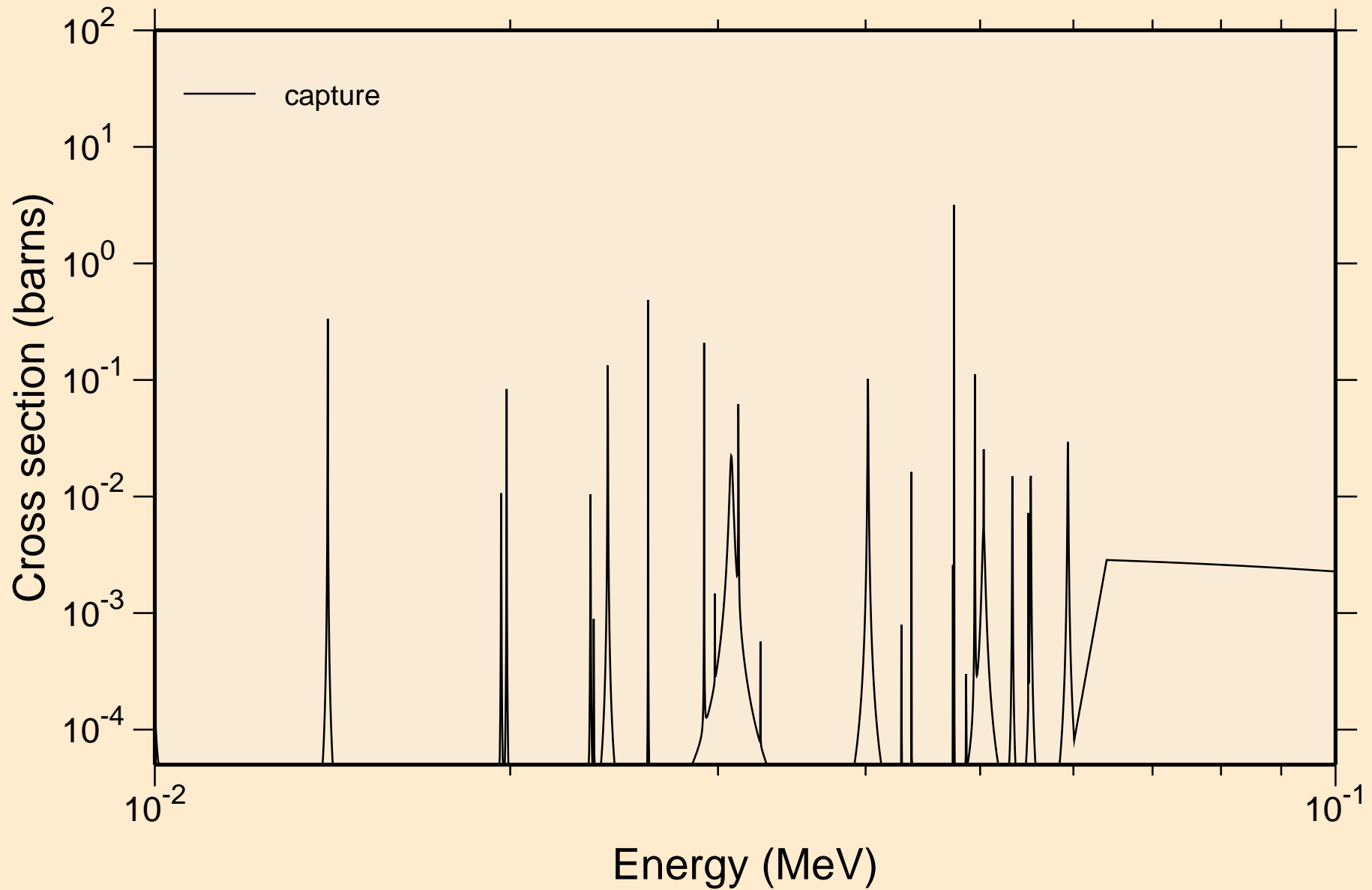
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

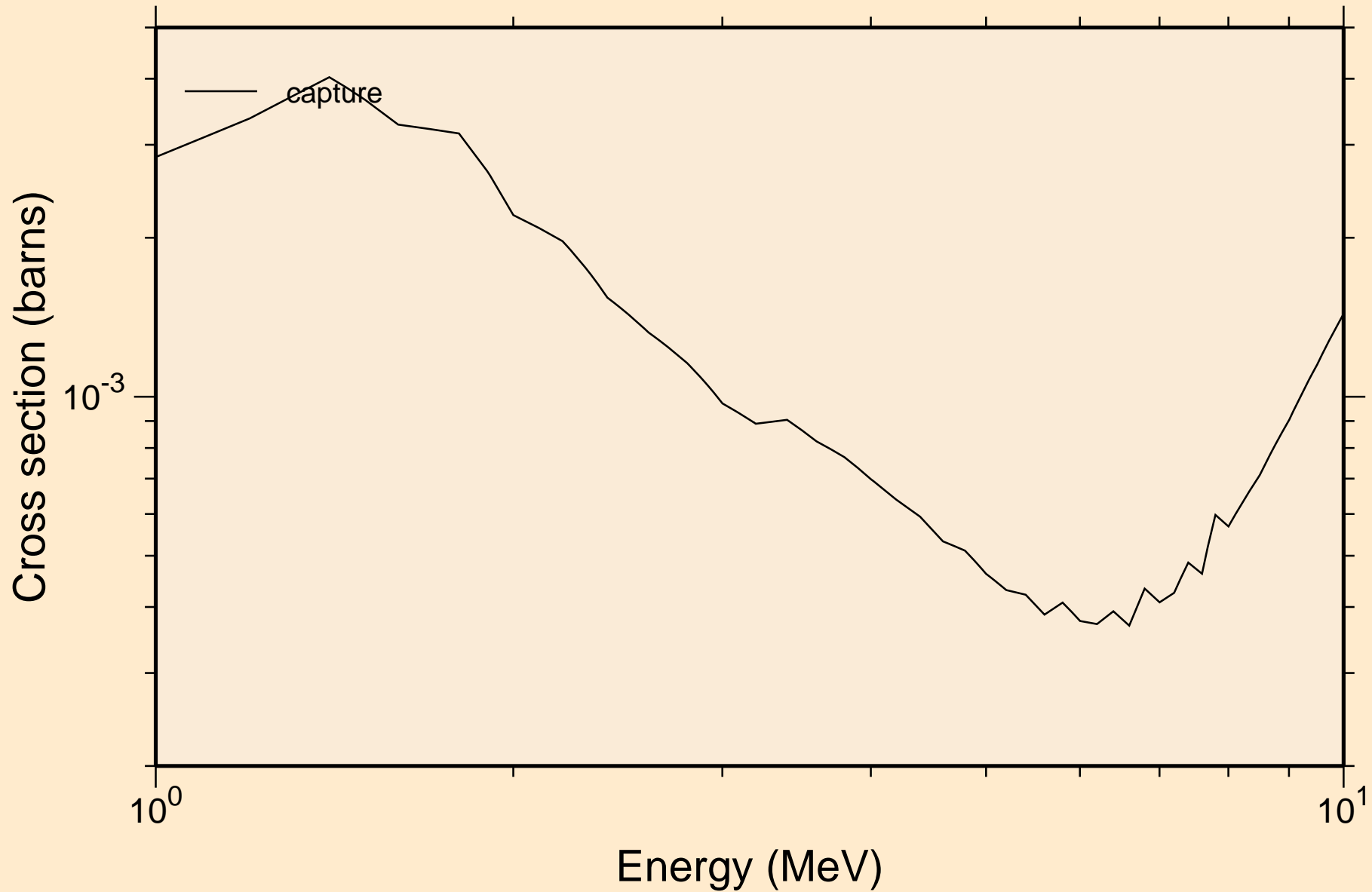


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

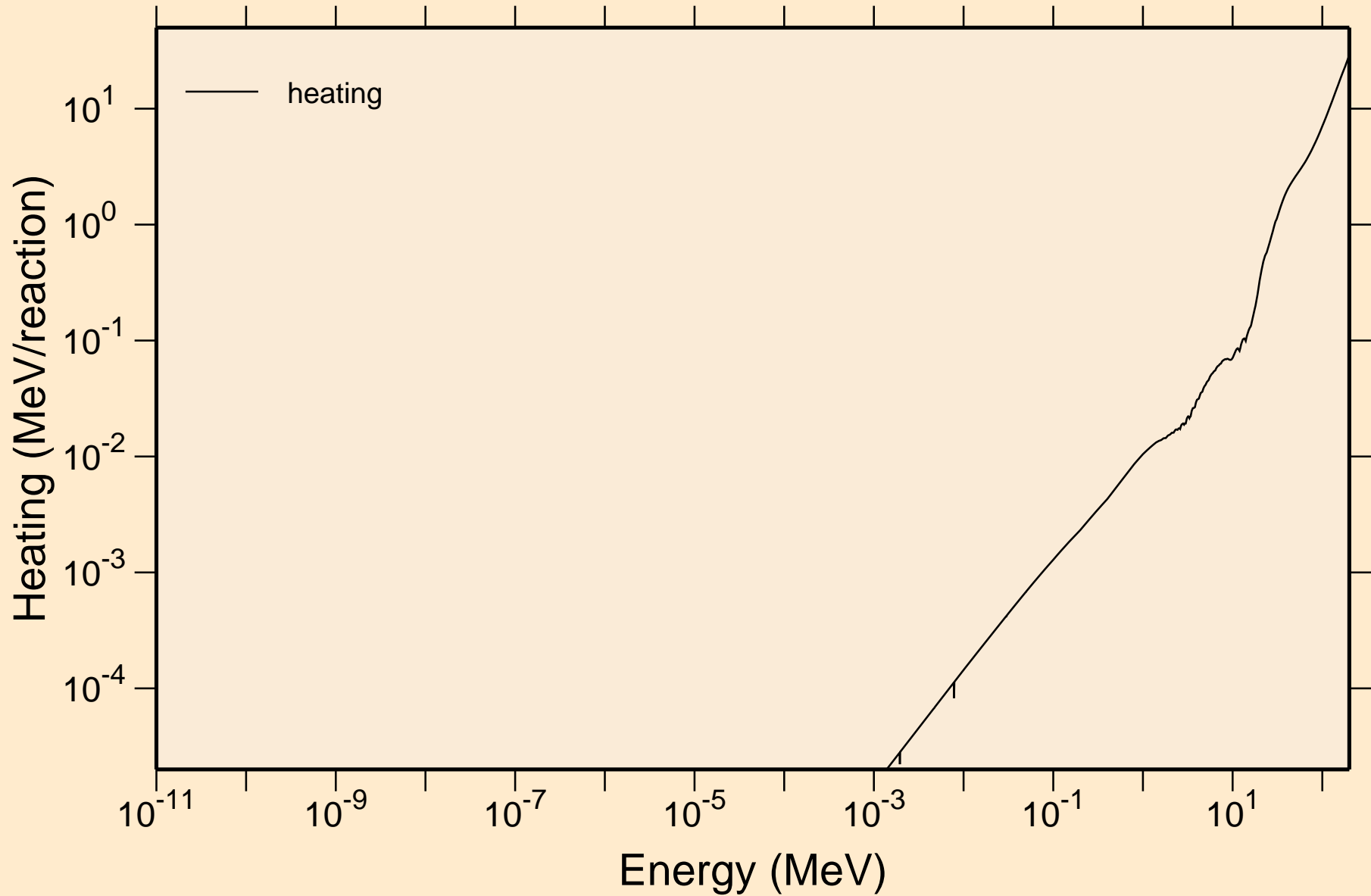




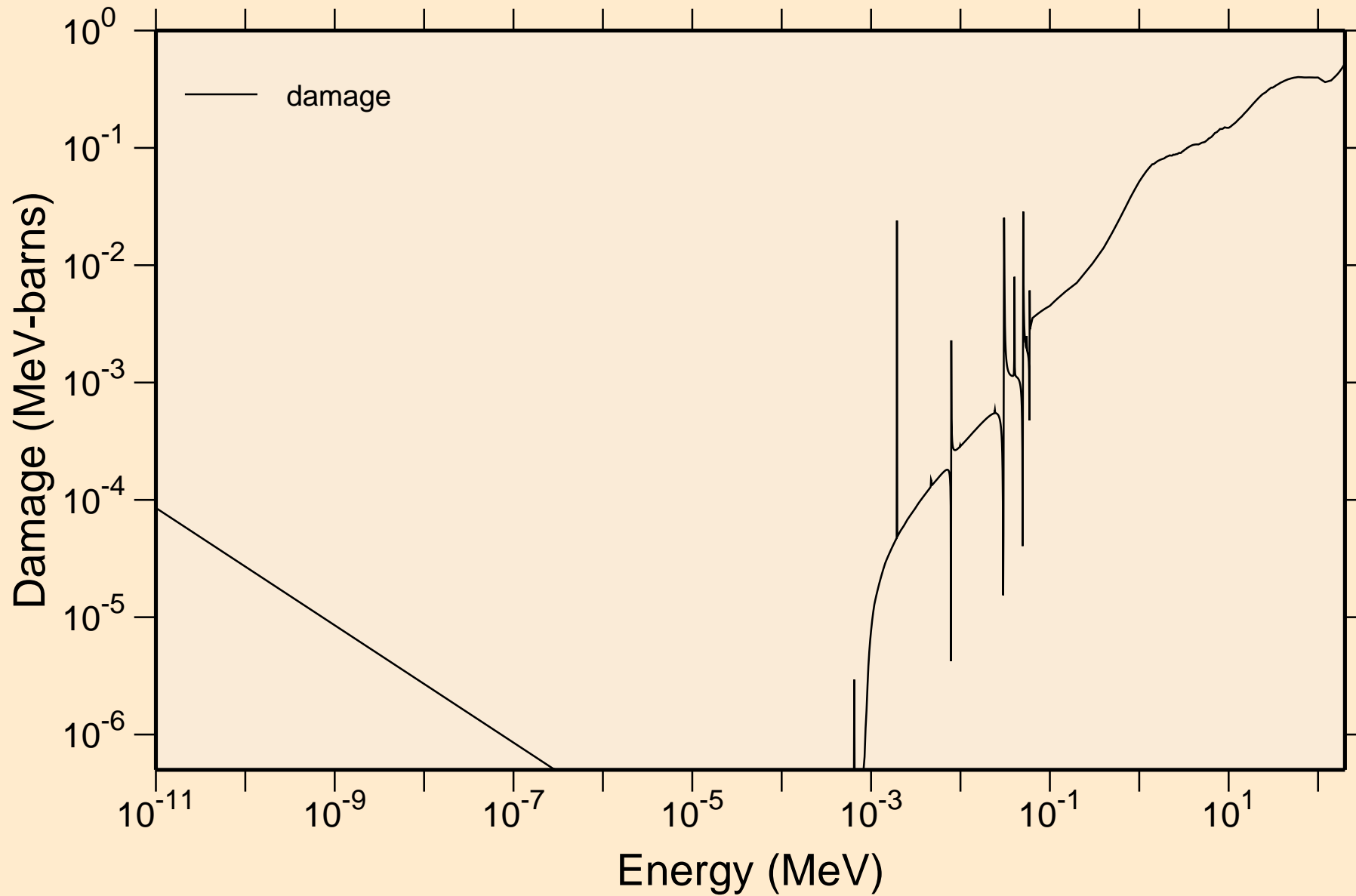
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

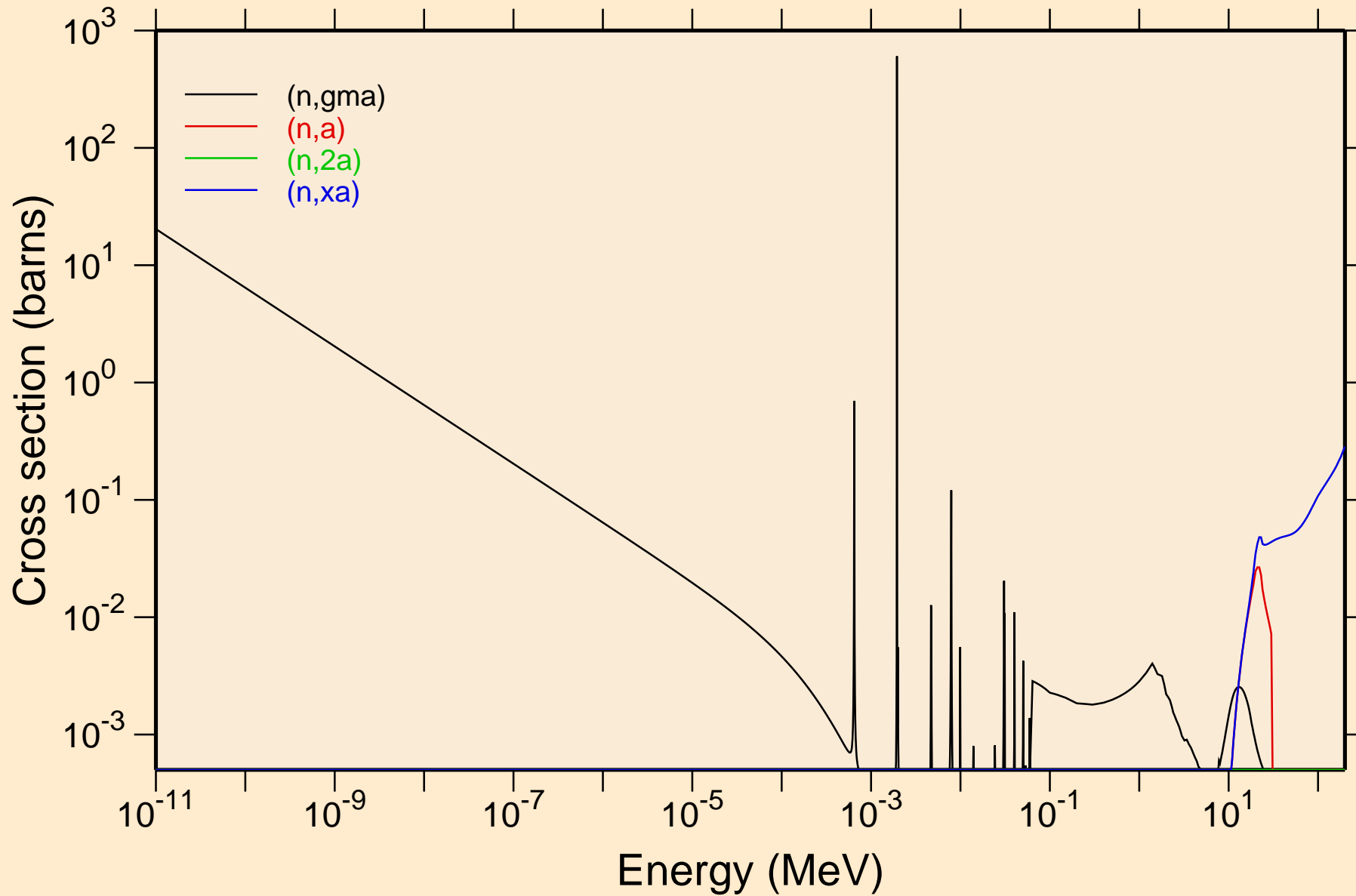


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



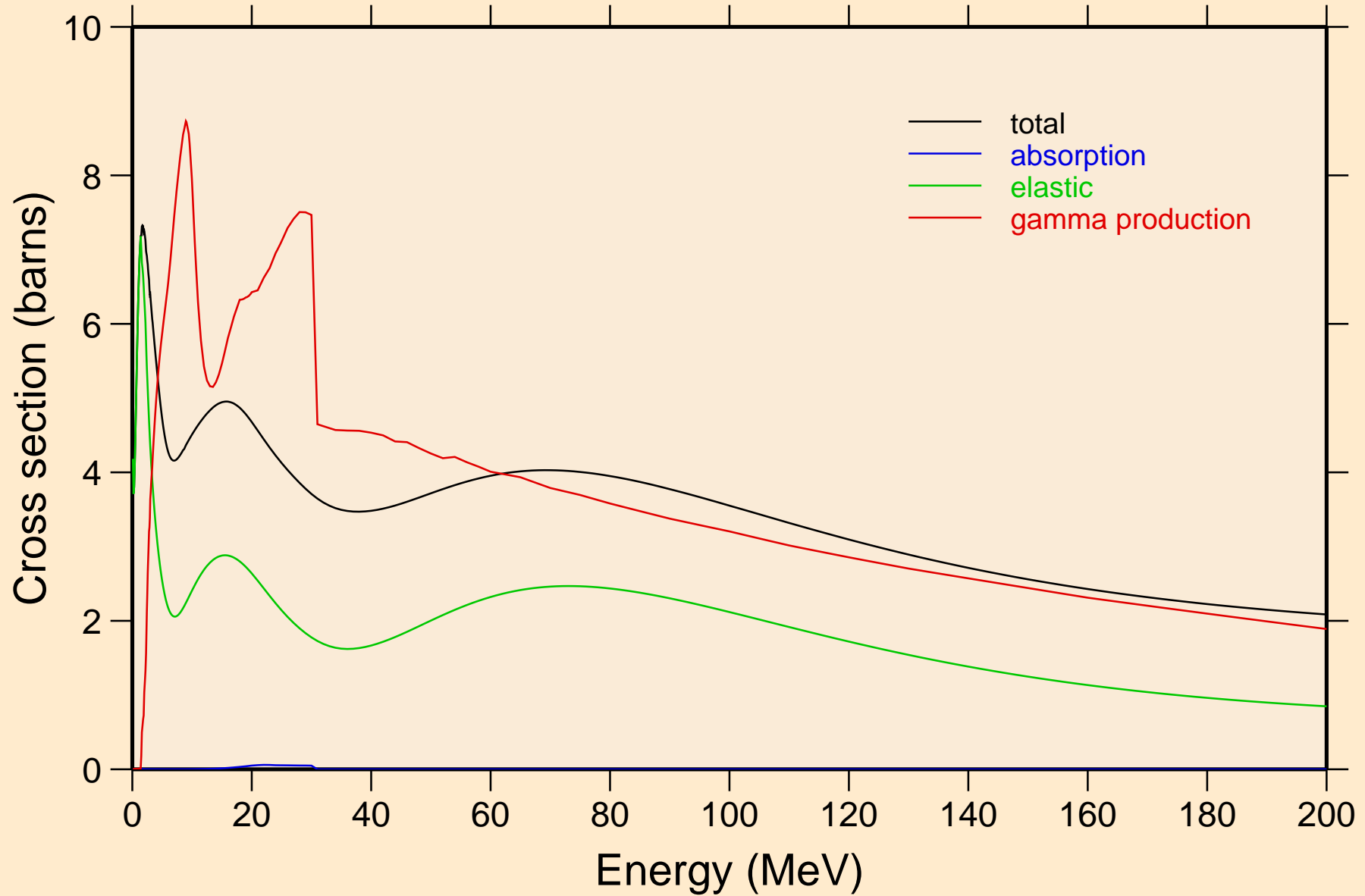
# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



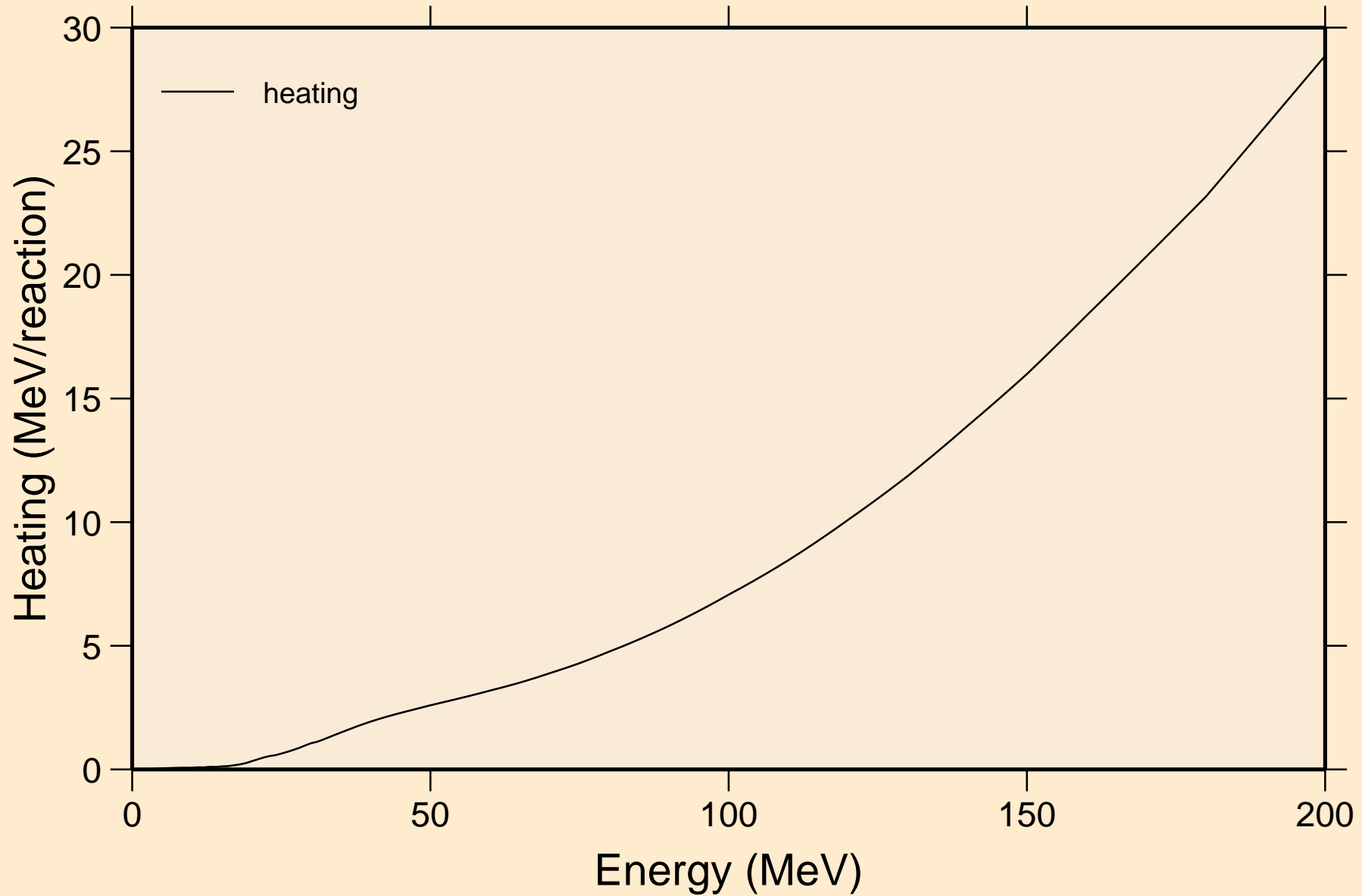
# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

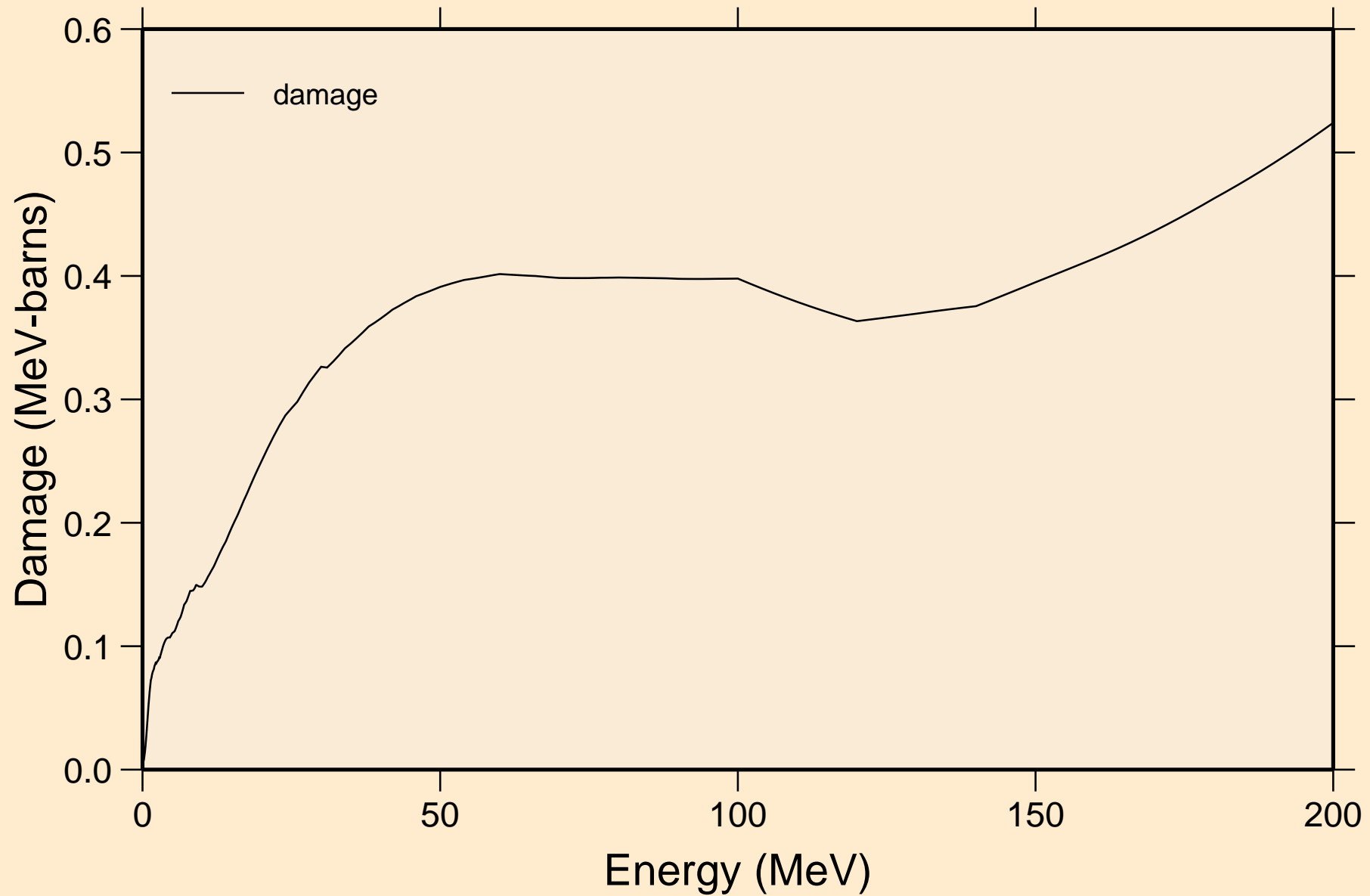


# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

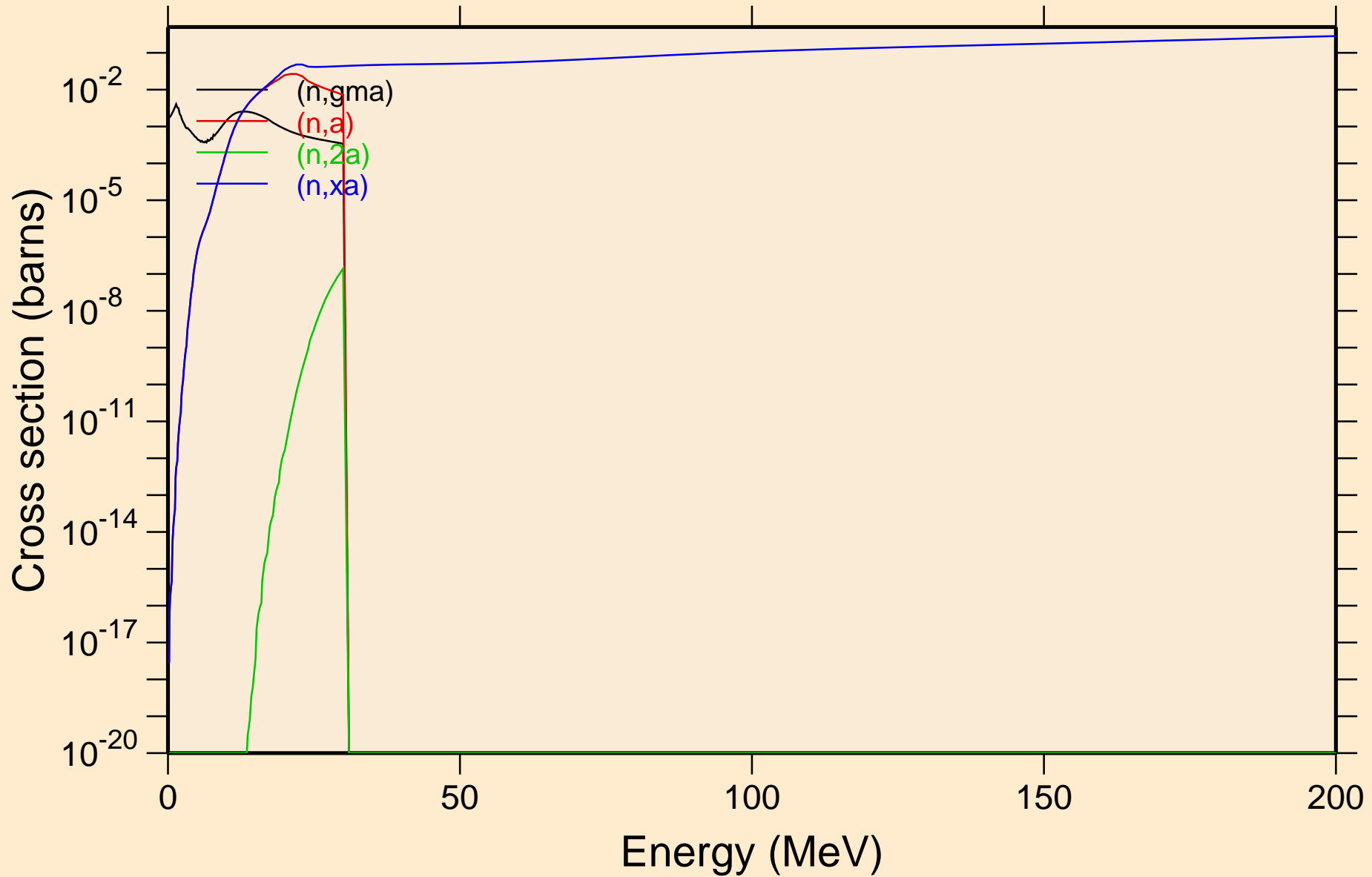


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



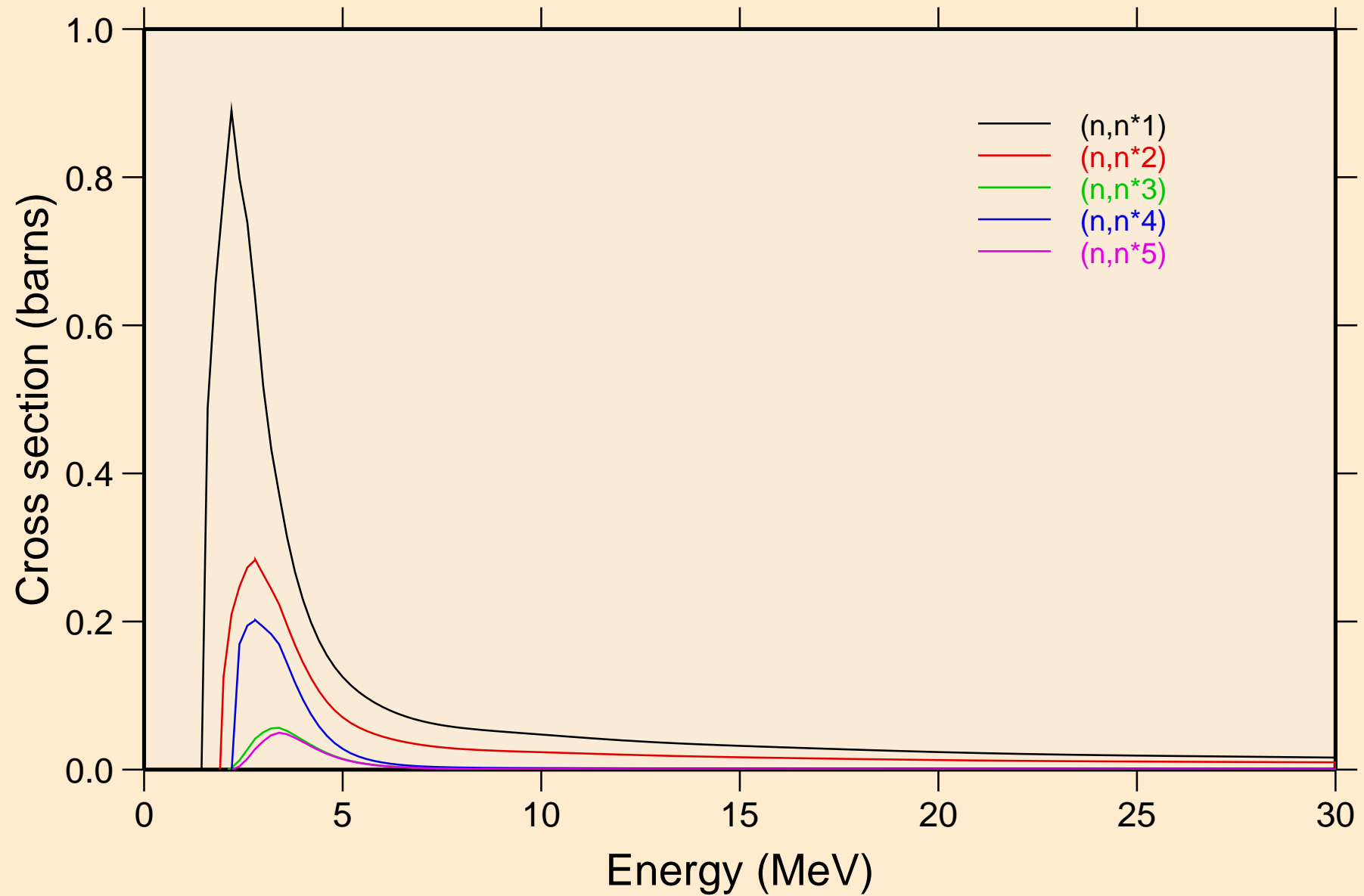
# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

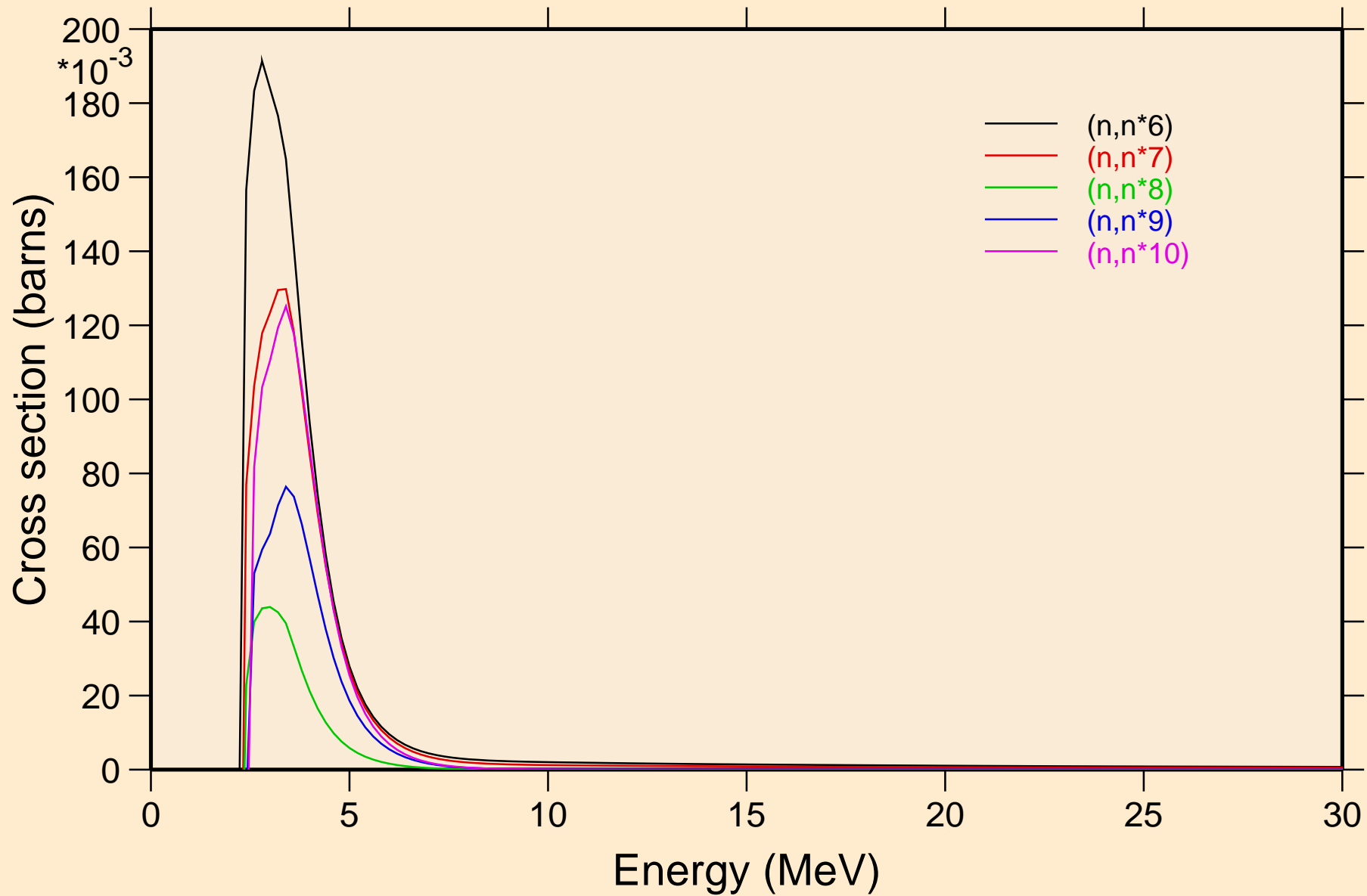




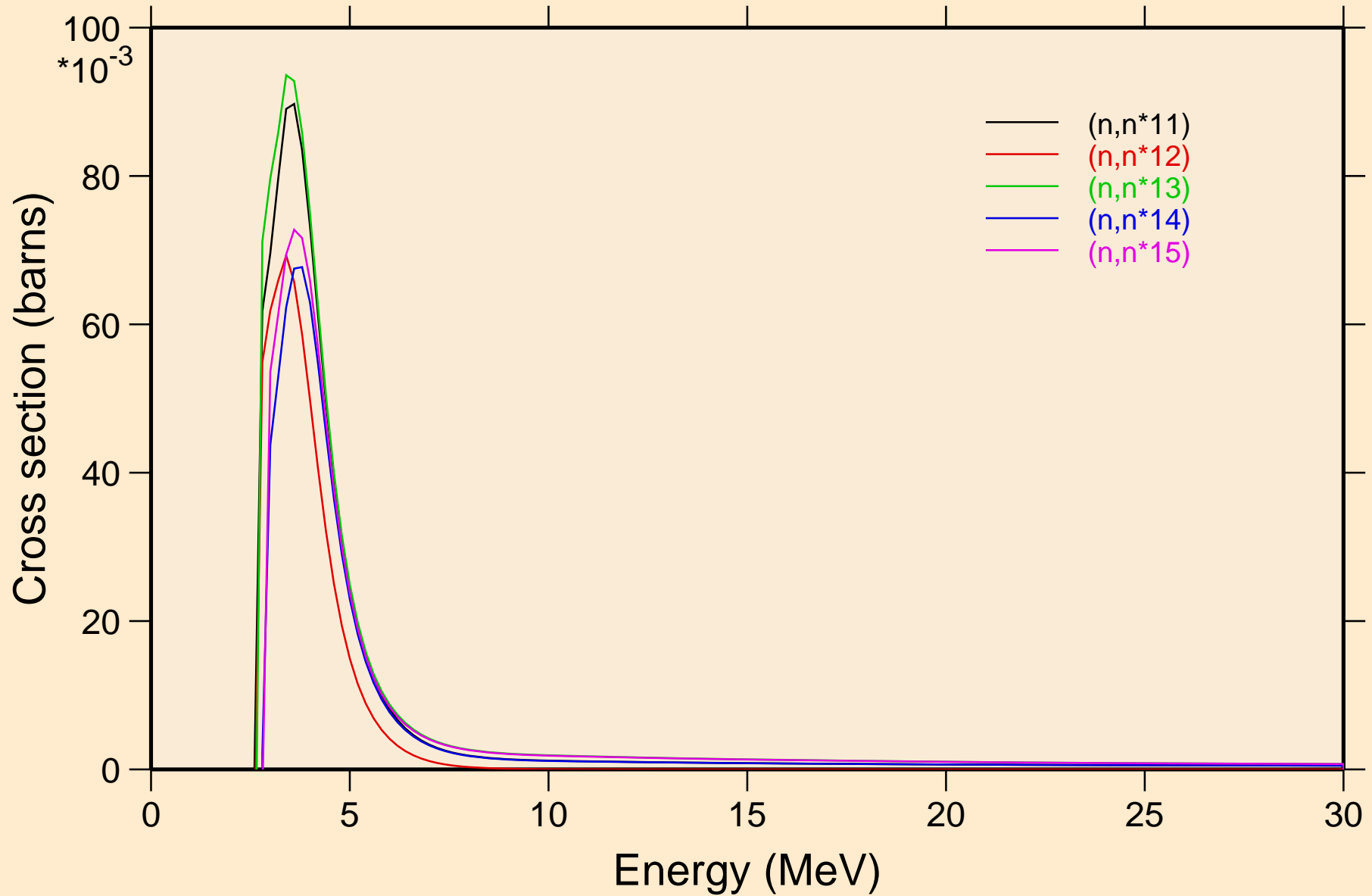
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



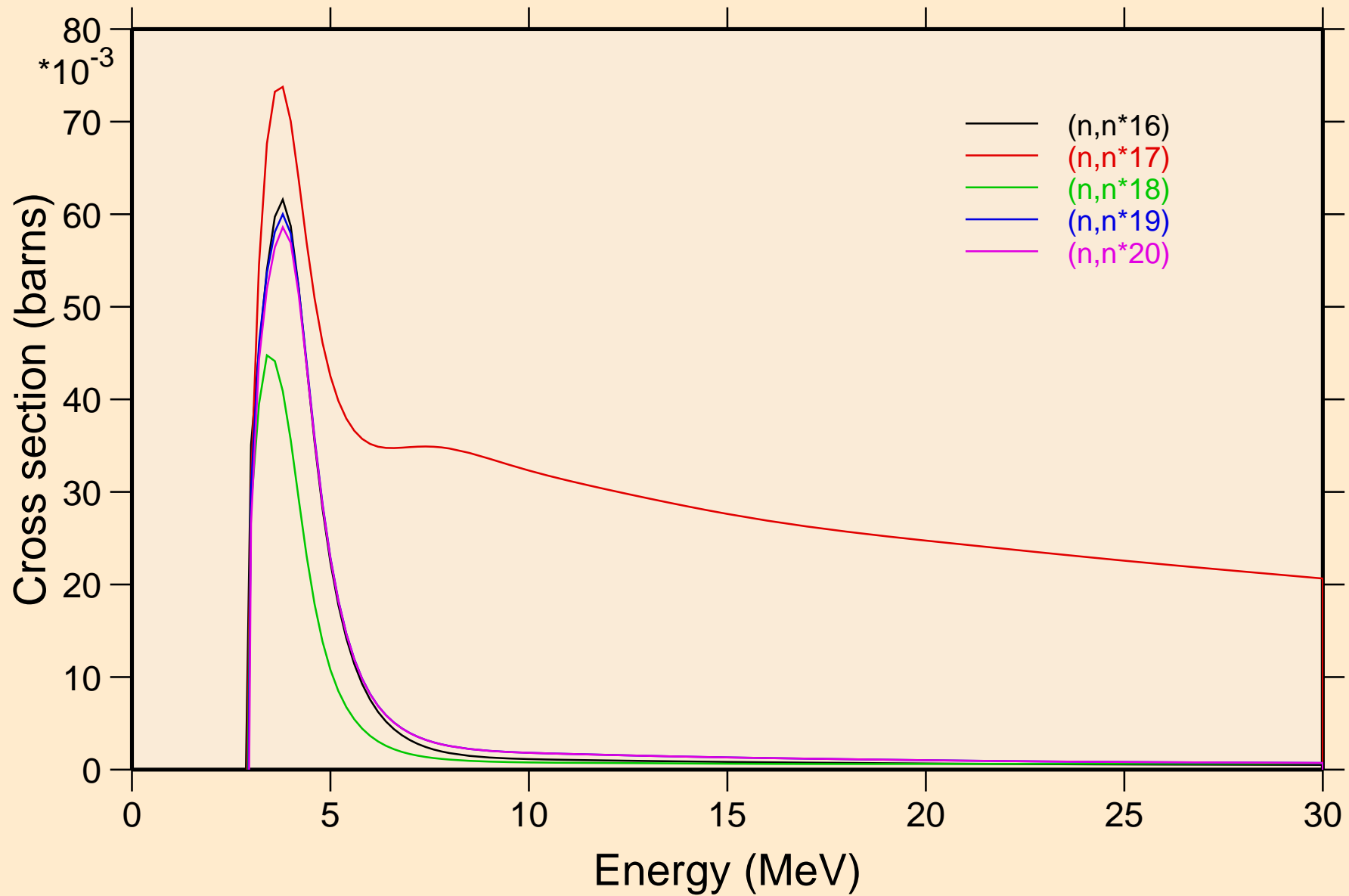
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



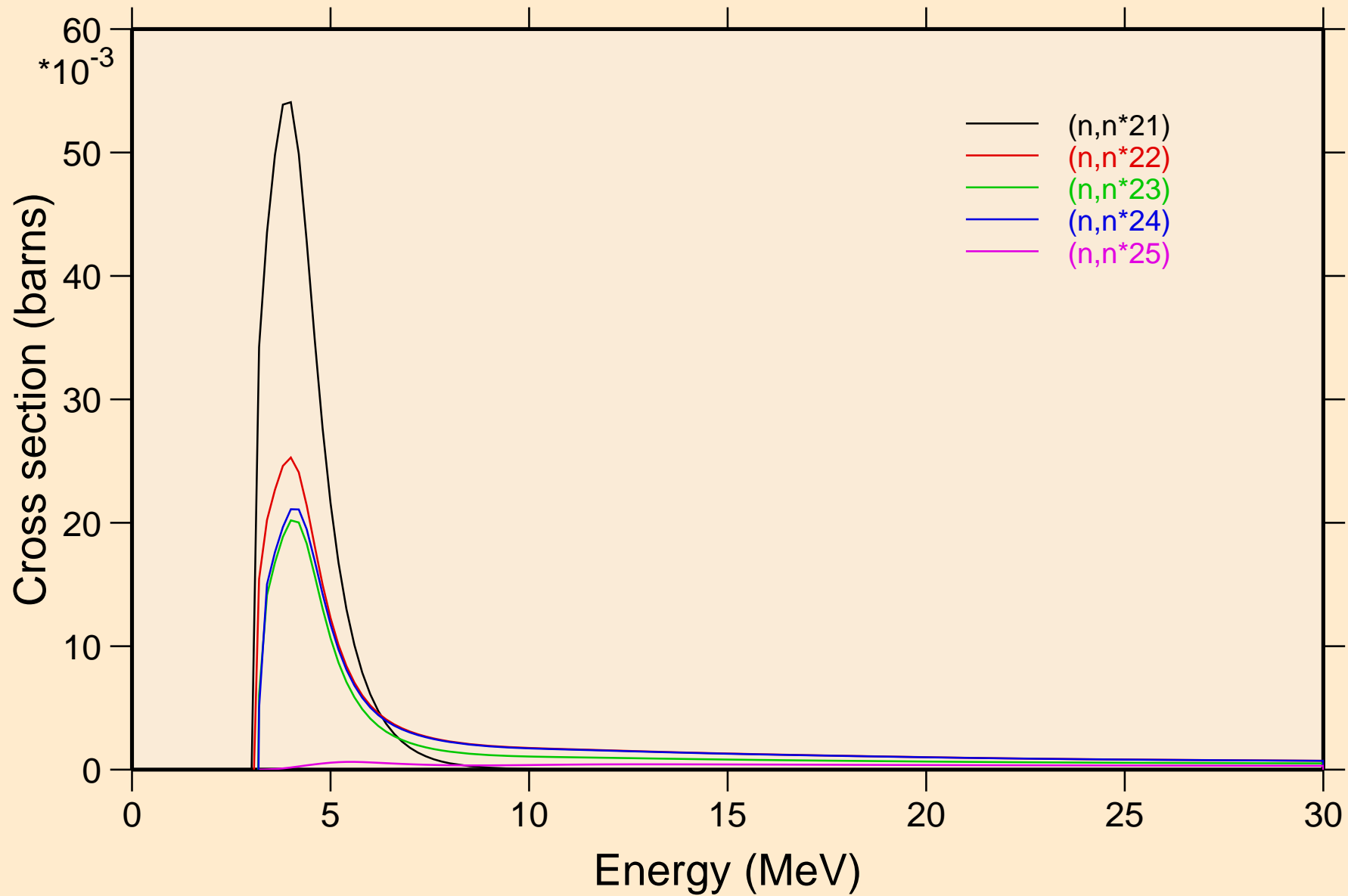
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



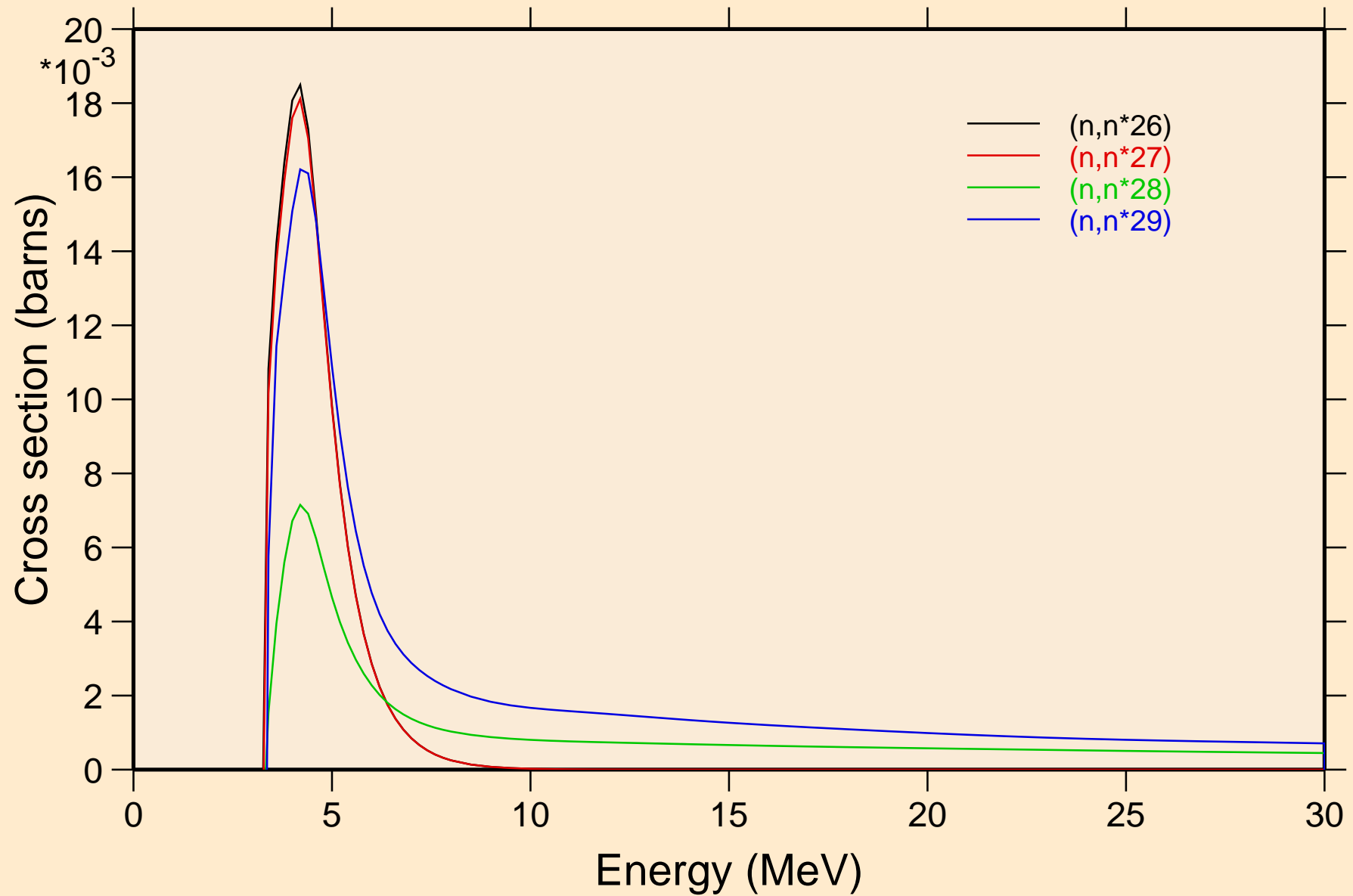
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



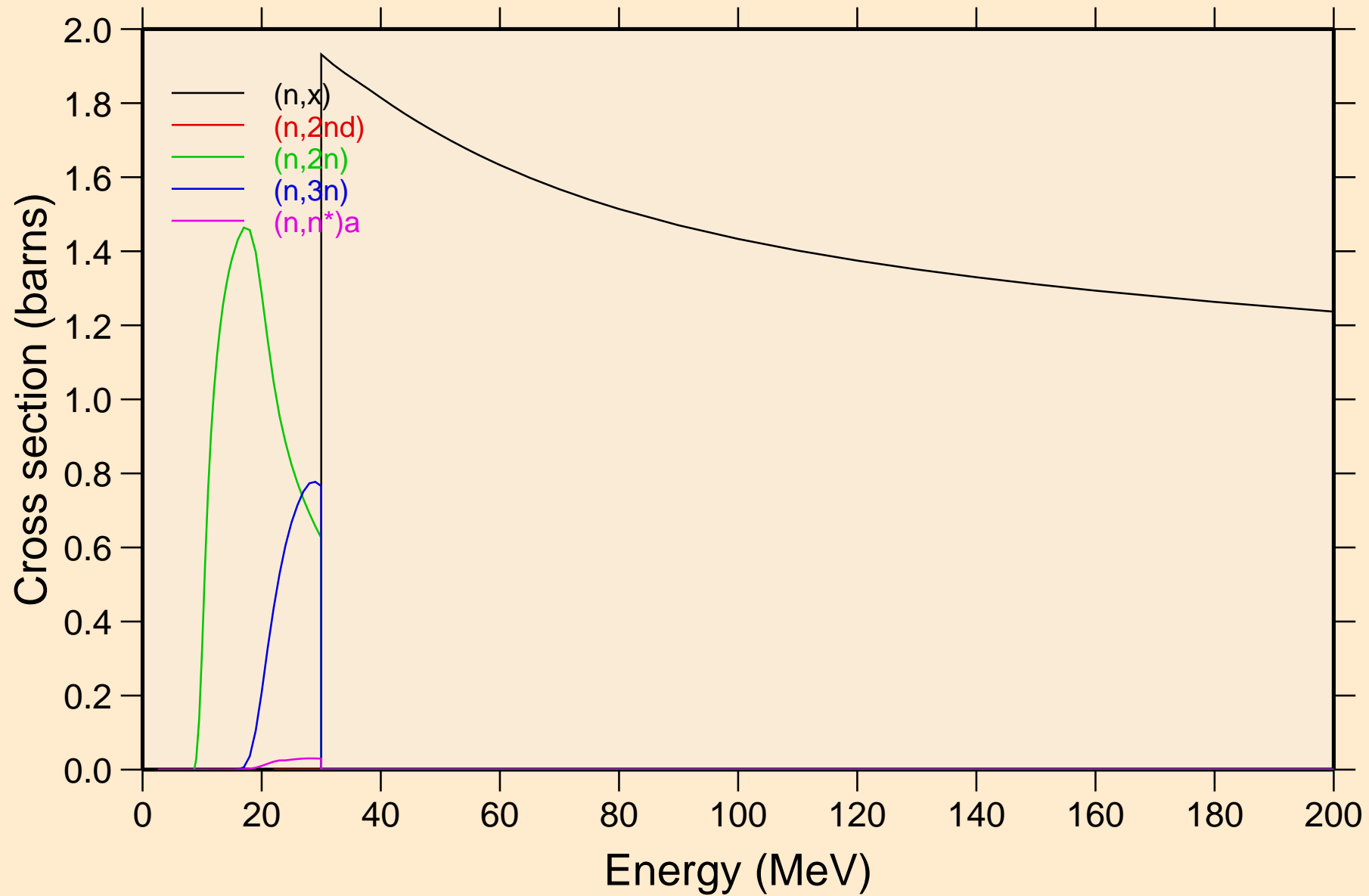
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

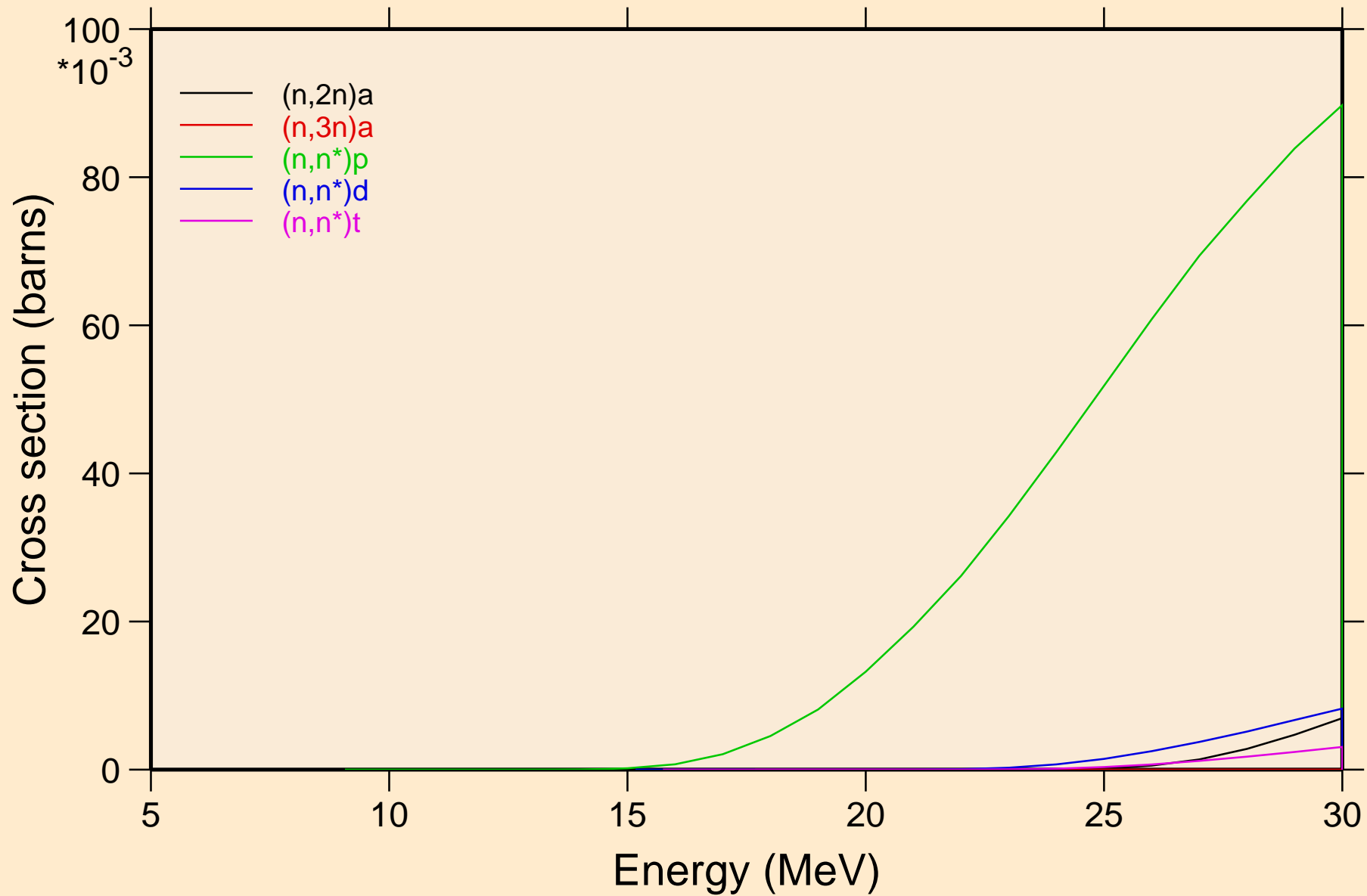


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



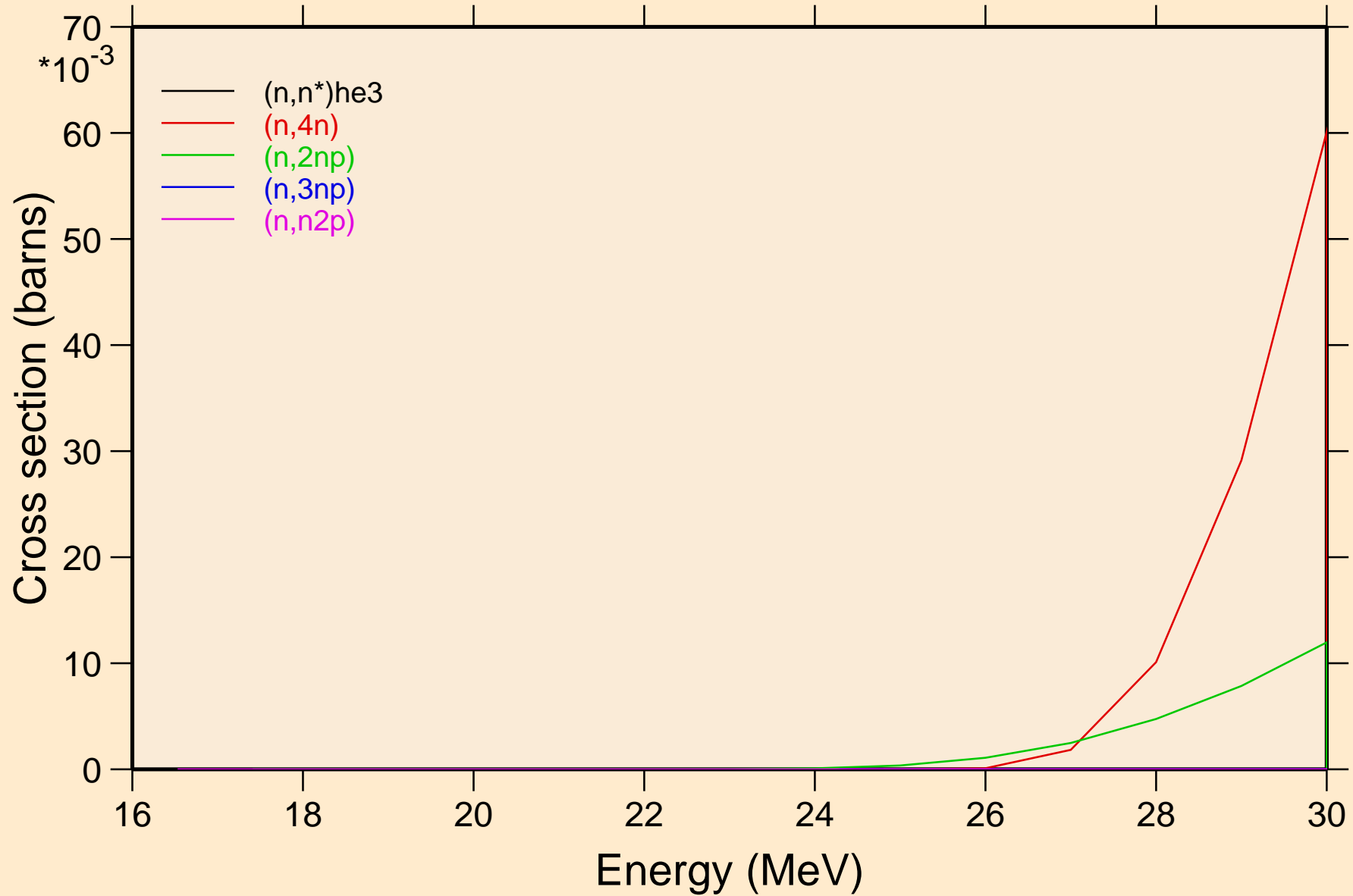
# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



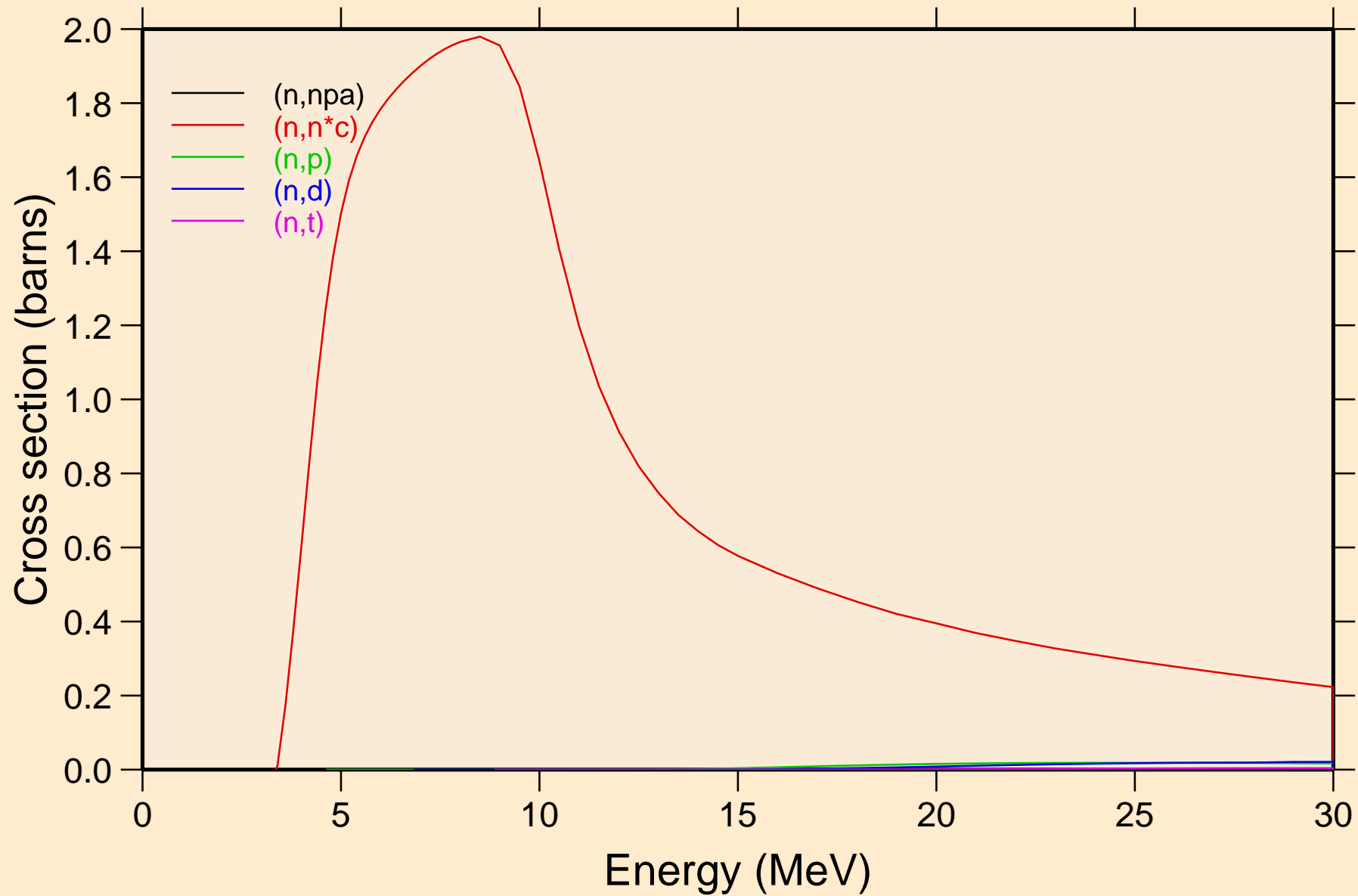


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

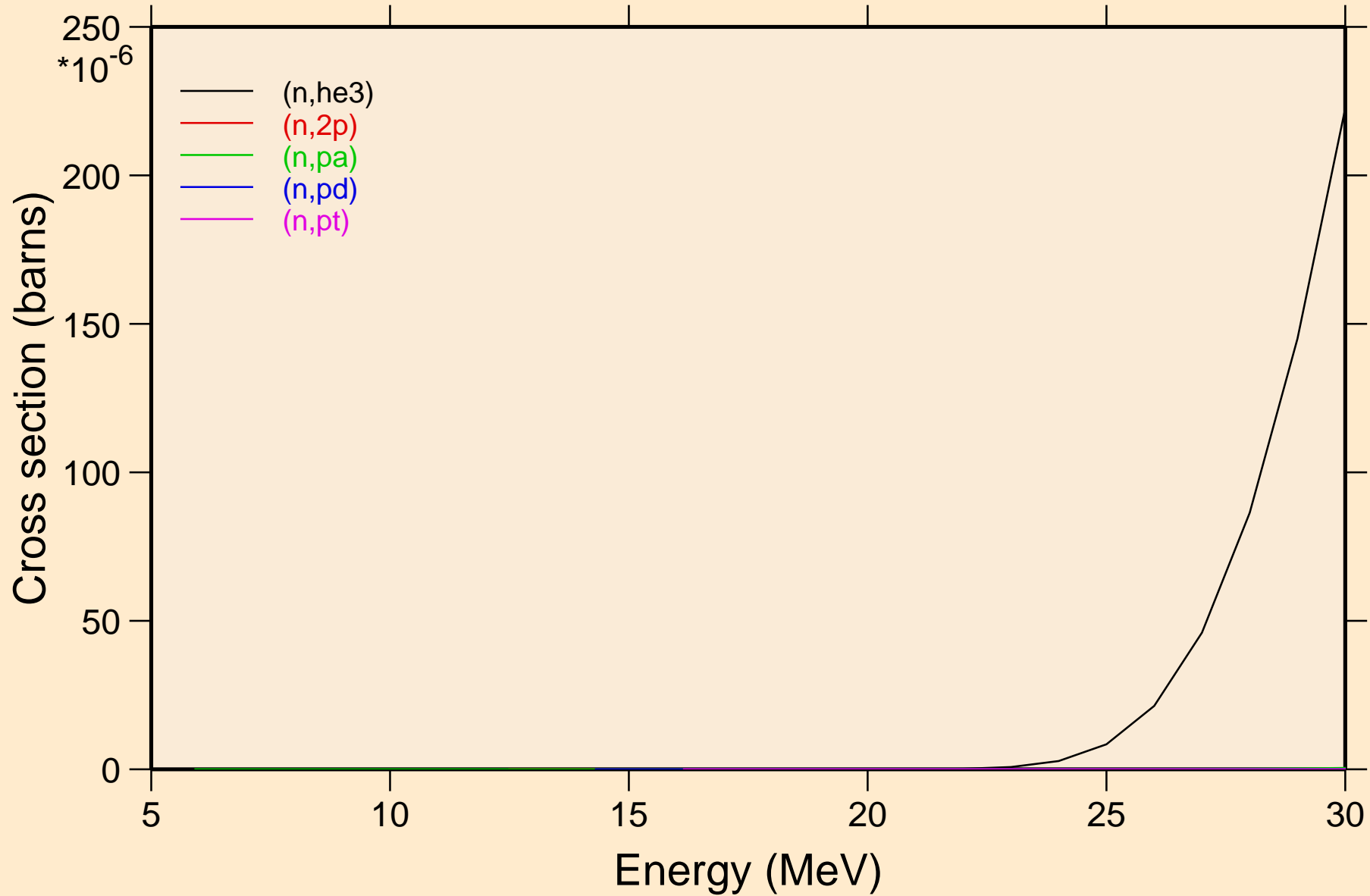


# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

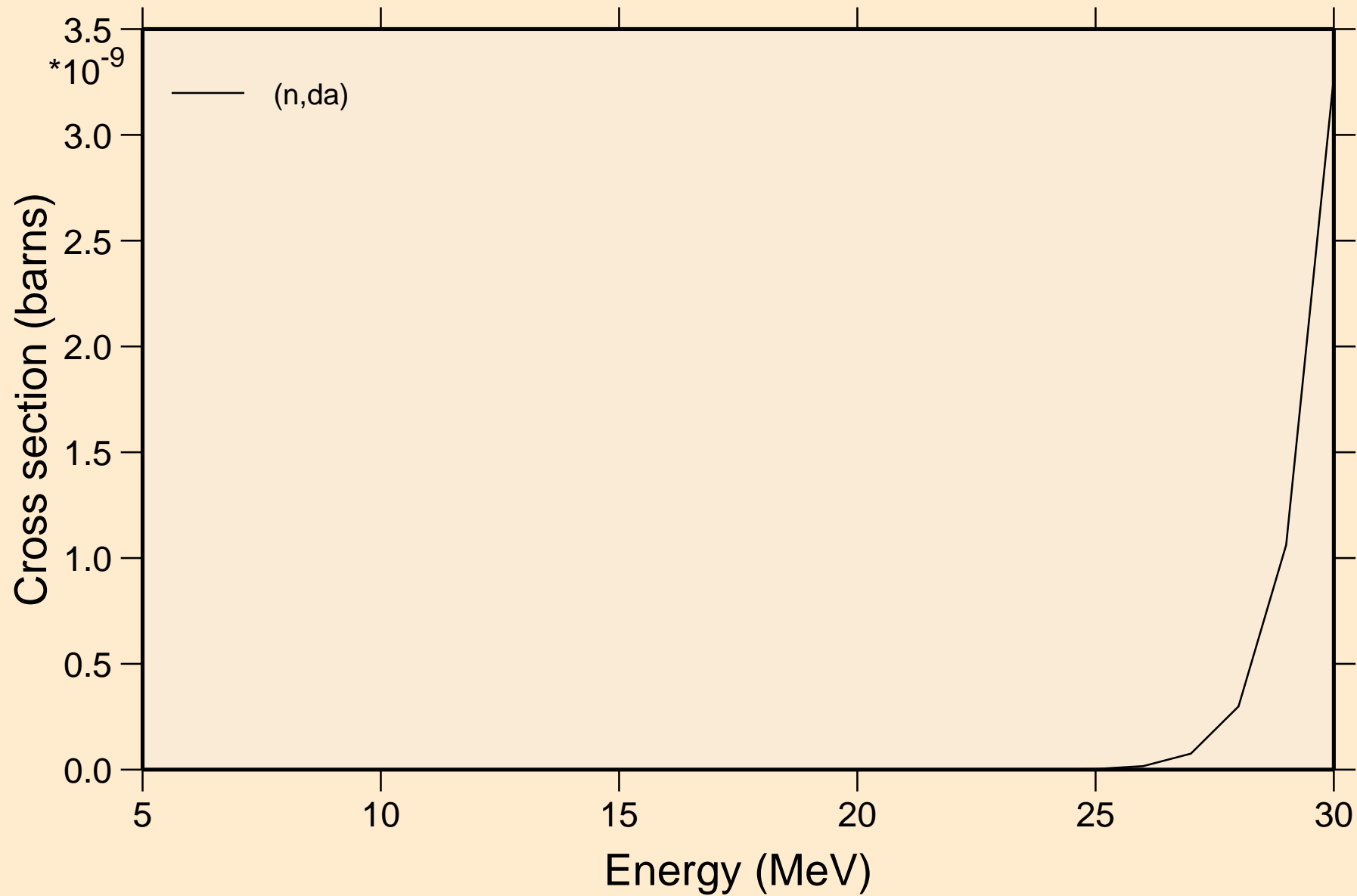
## Threshold reactions



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

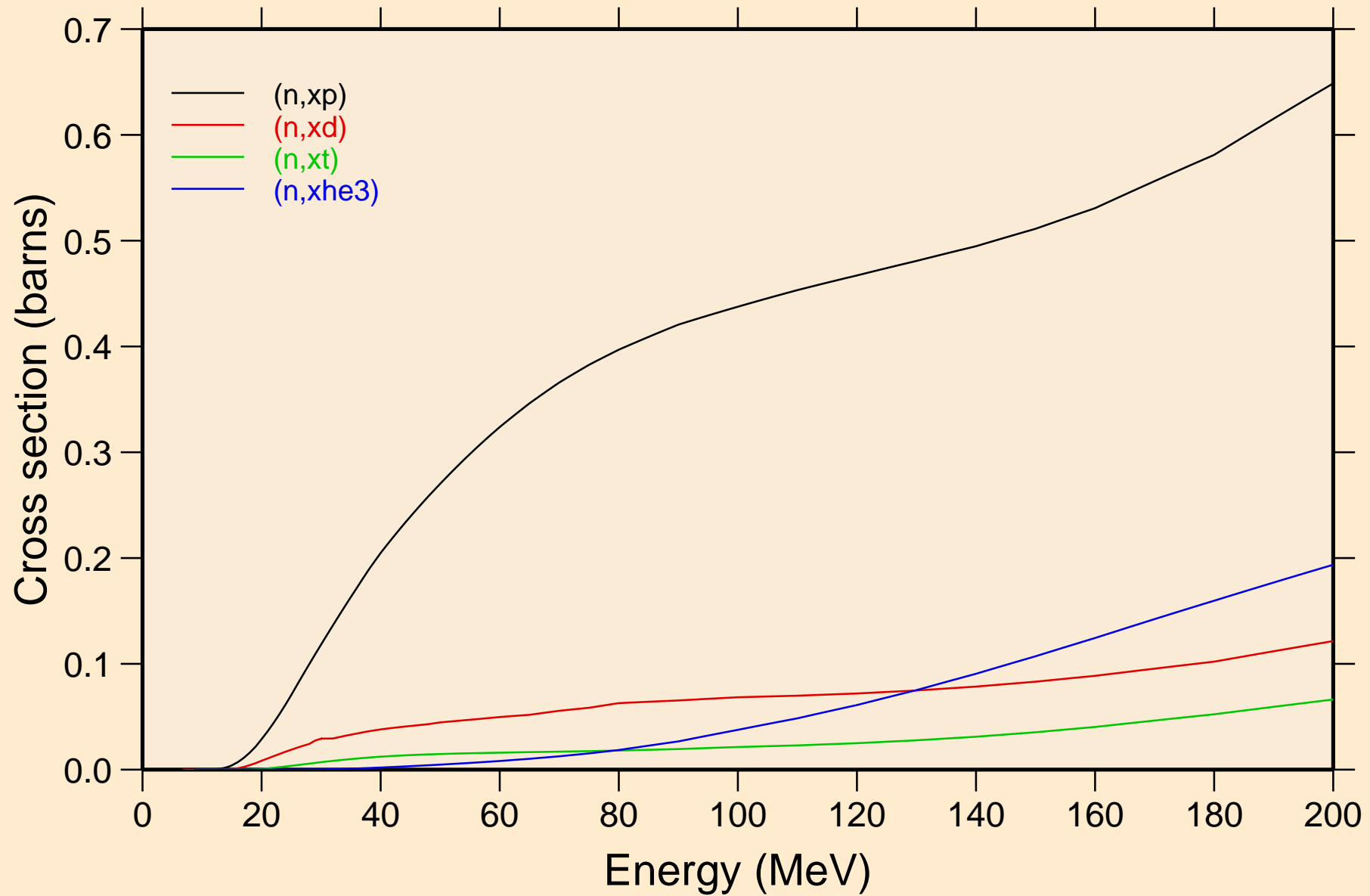


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

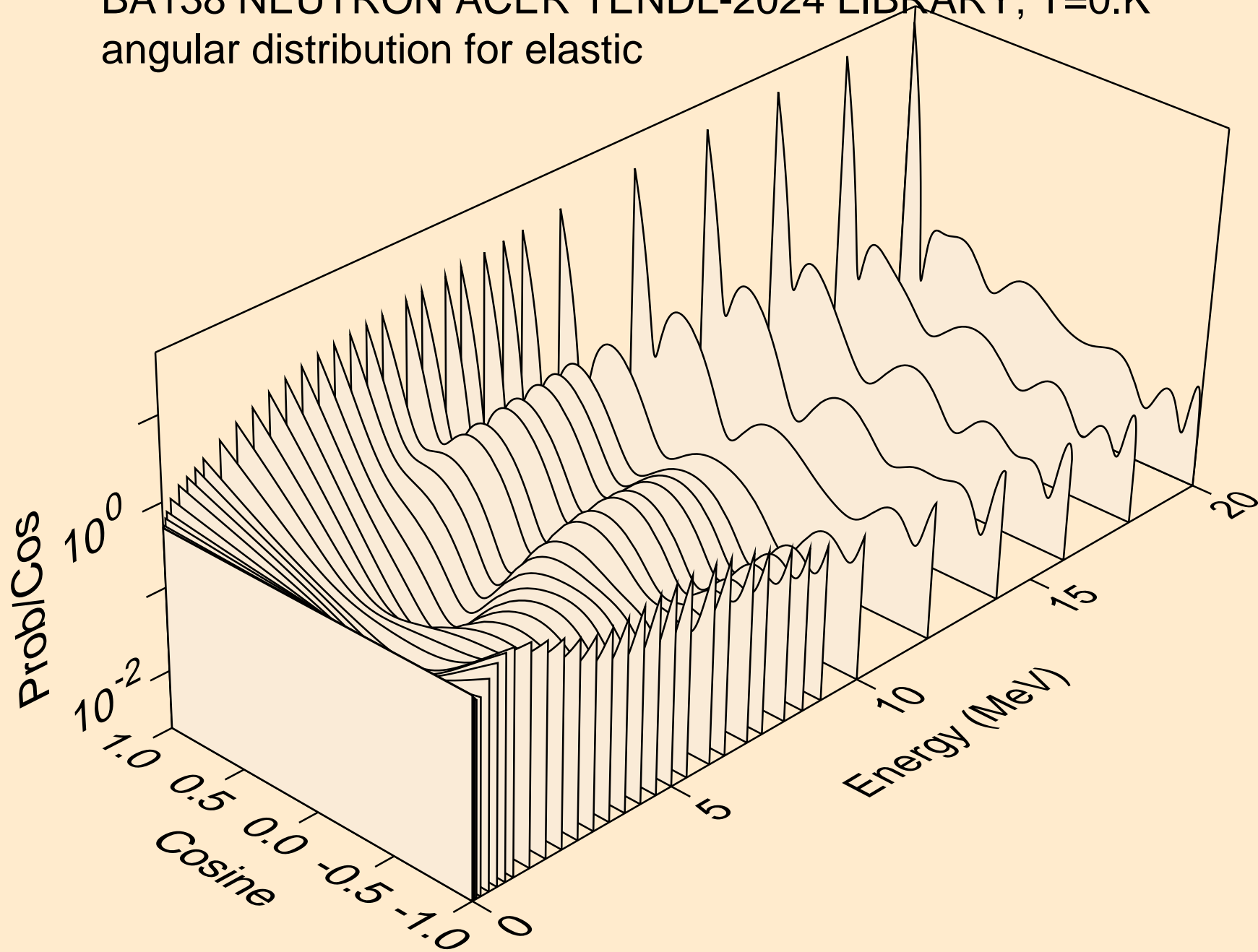


# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

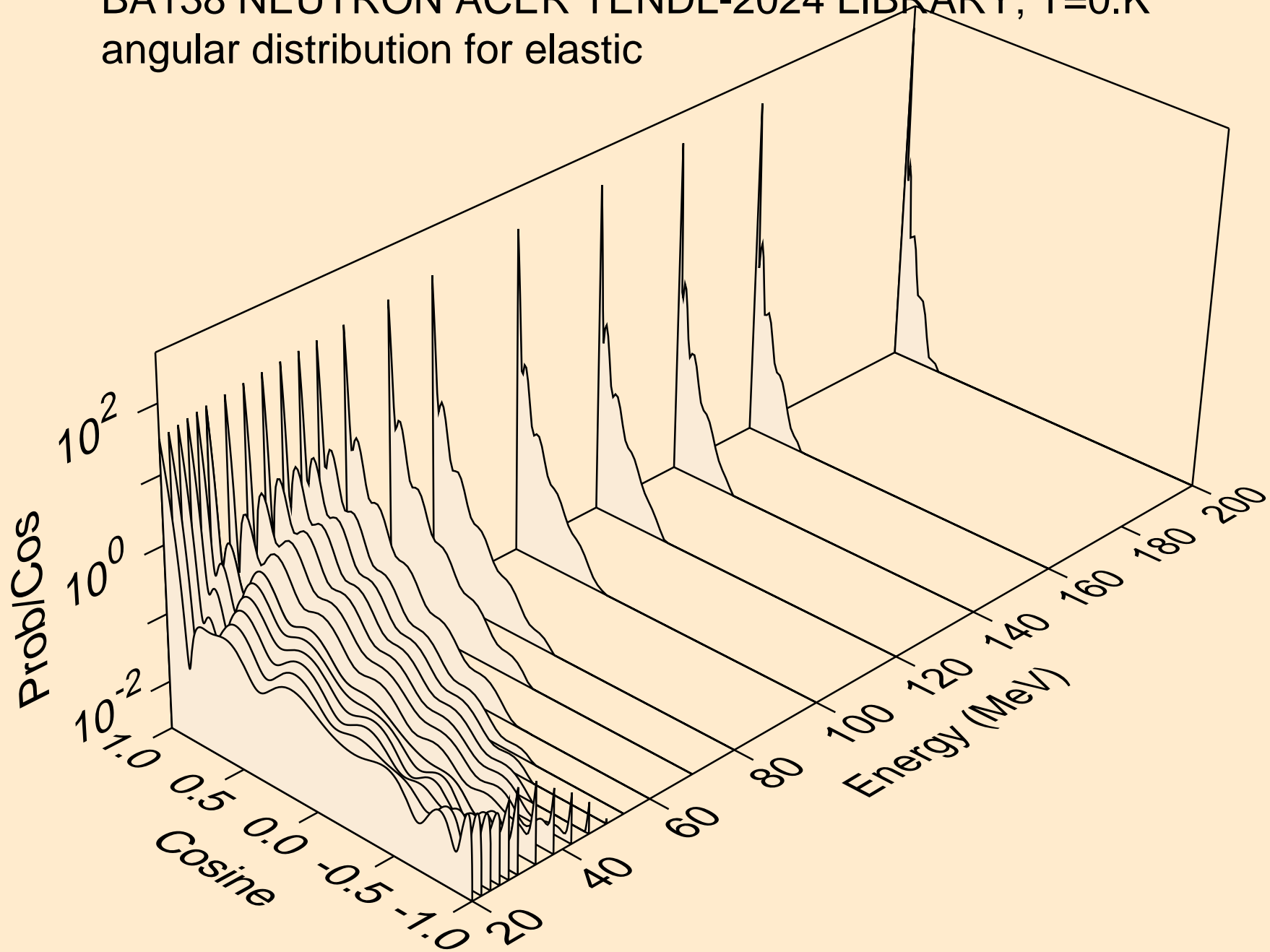
## Threshold reactions



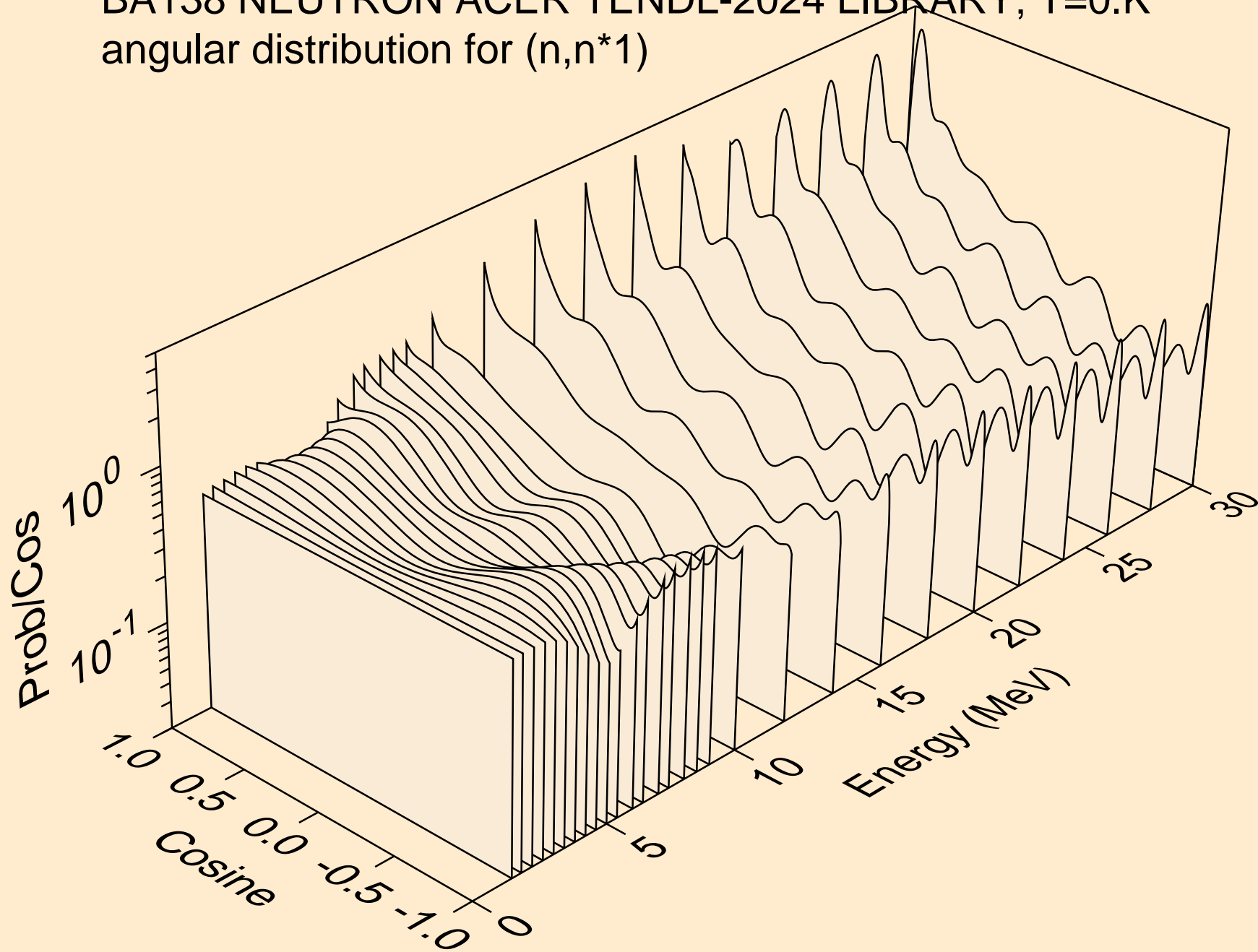
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

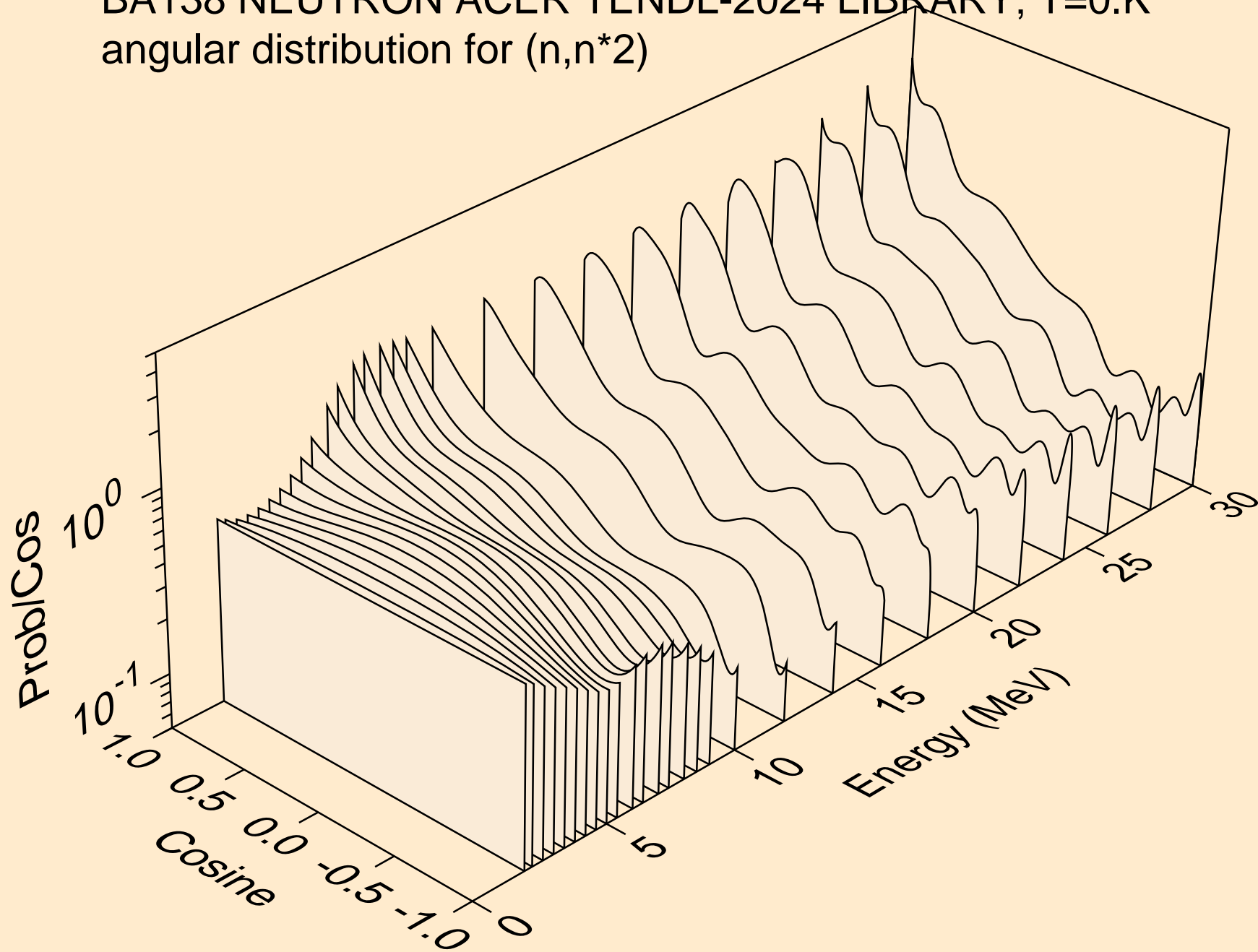


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

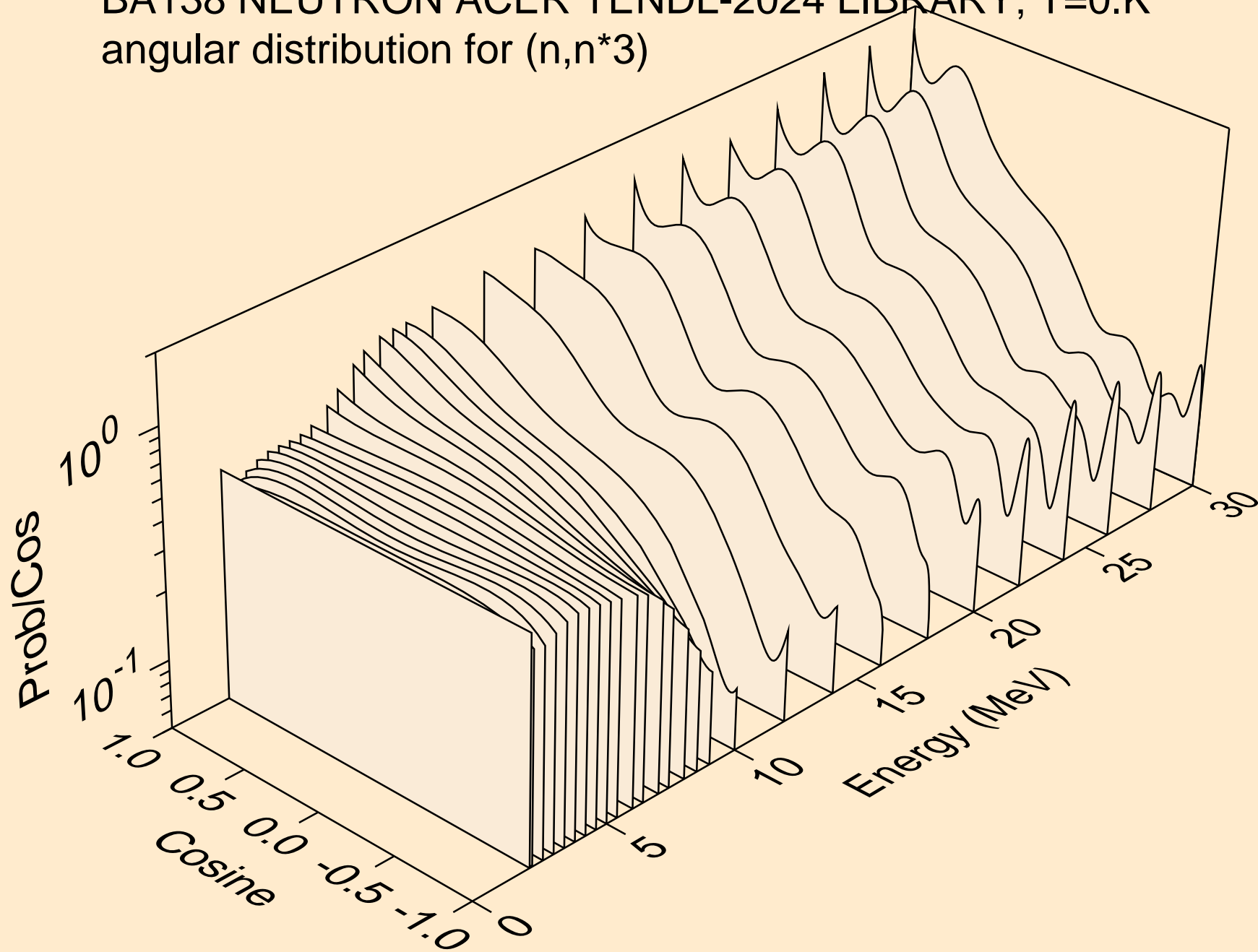




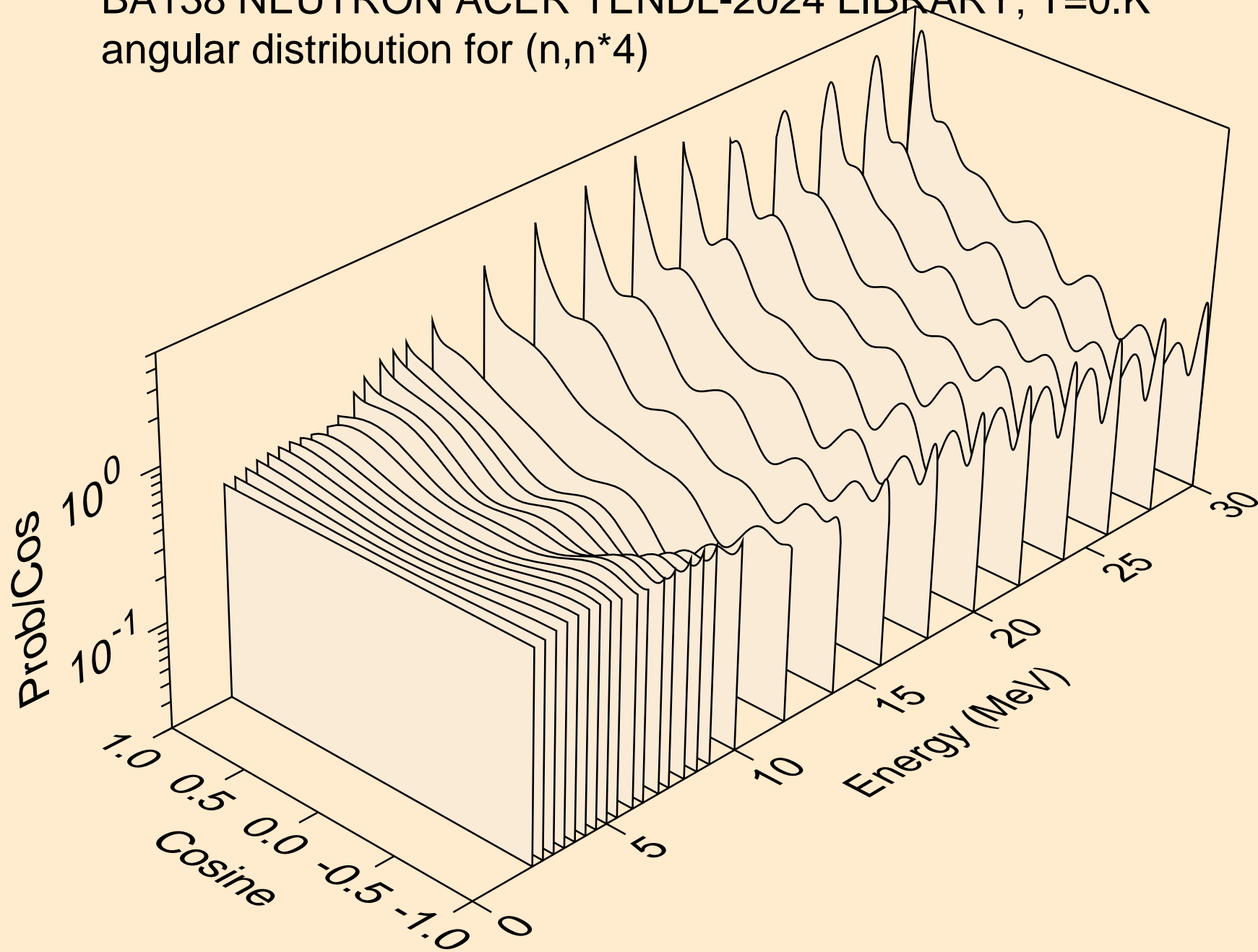
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



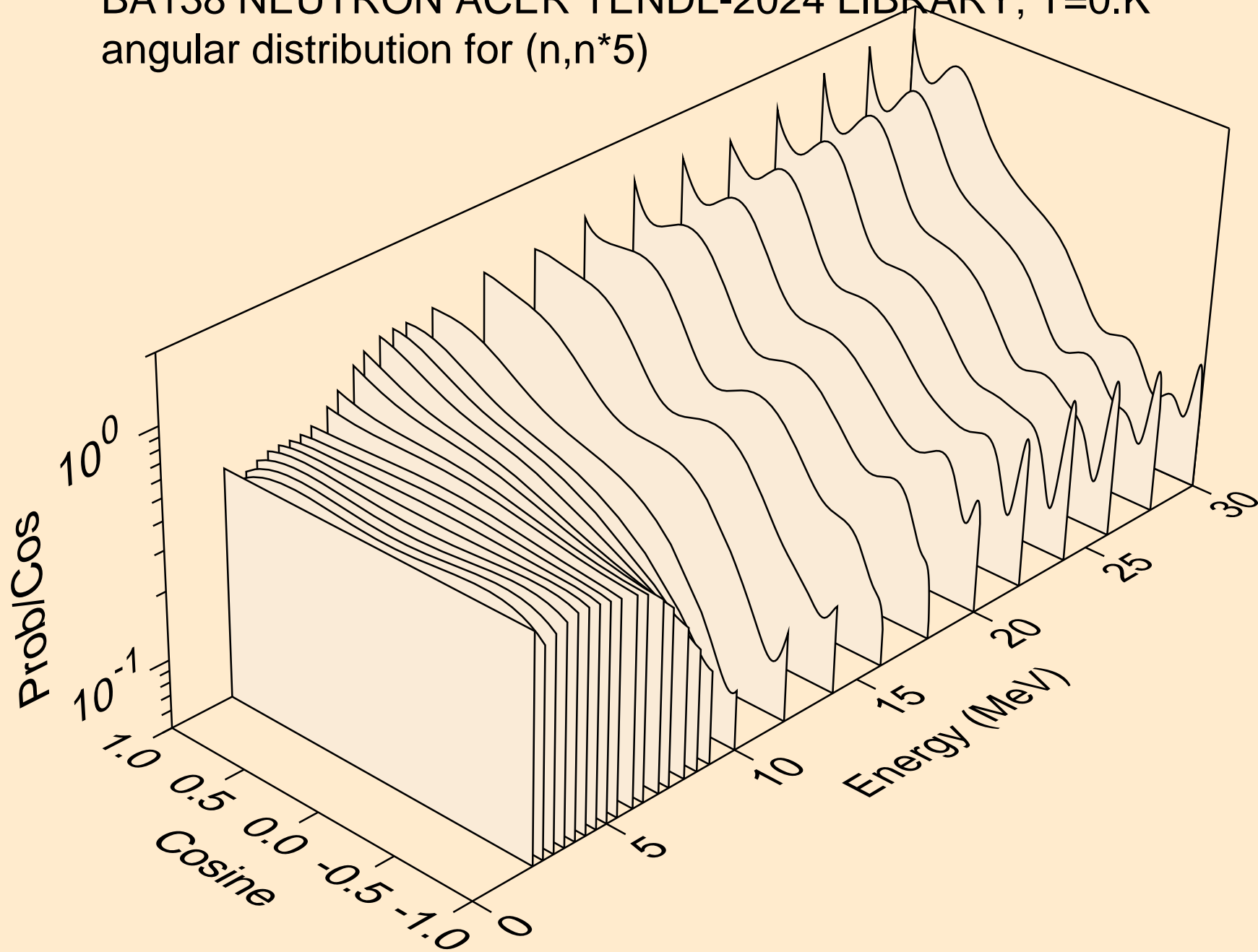
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



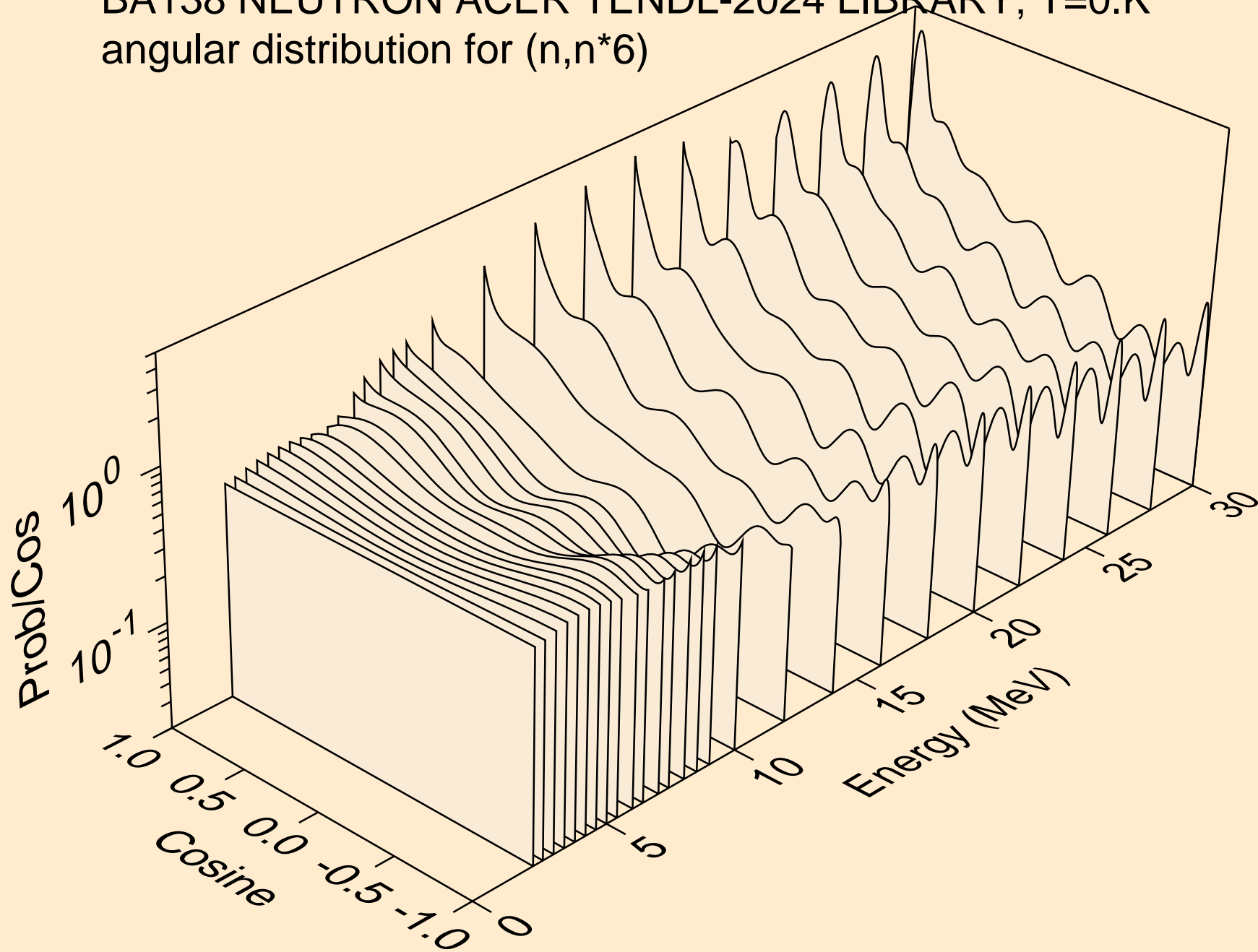
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



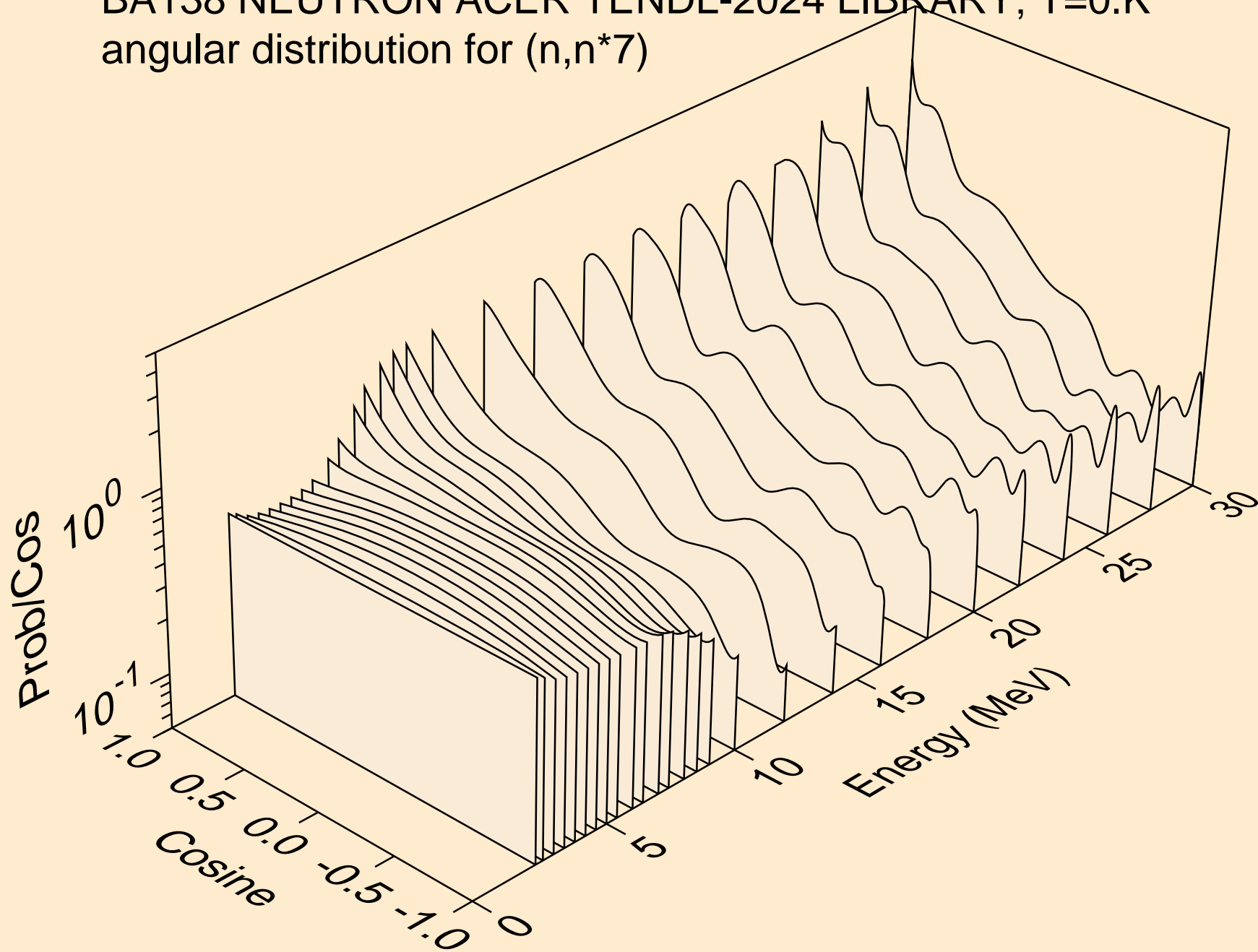
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



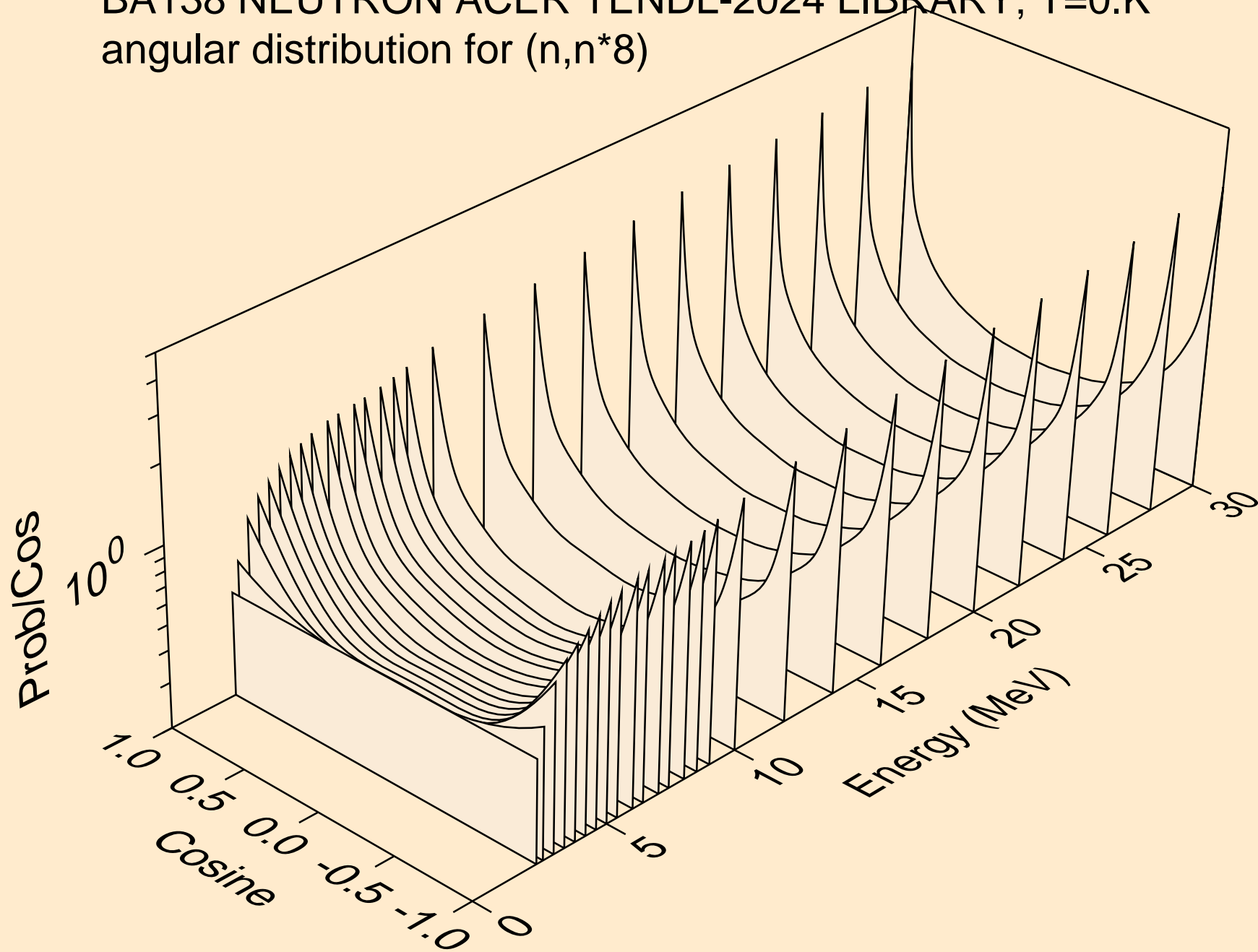
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



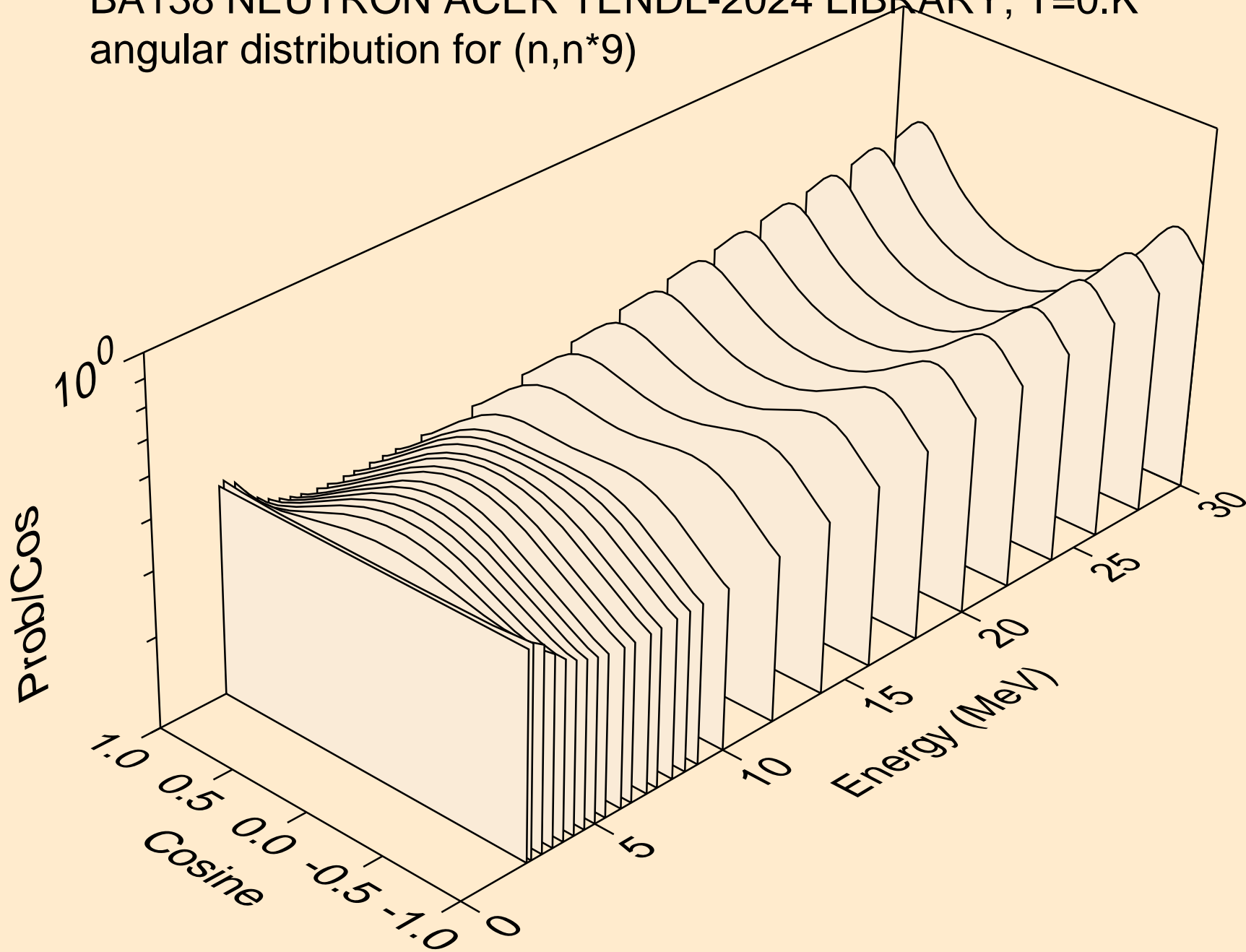
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

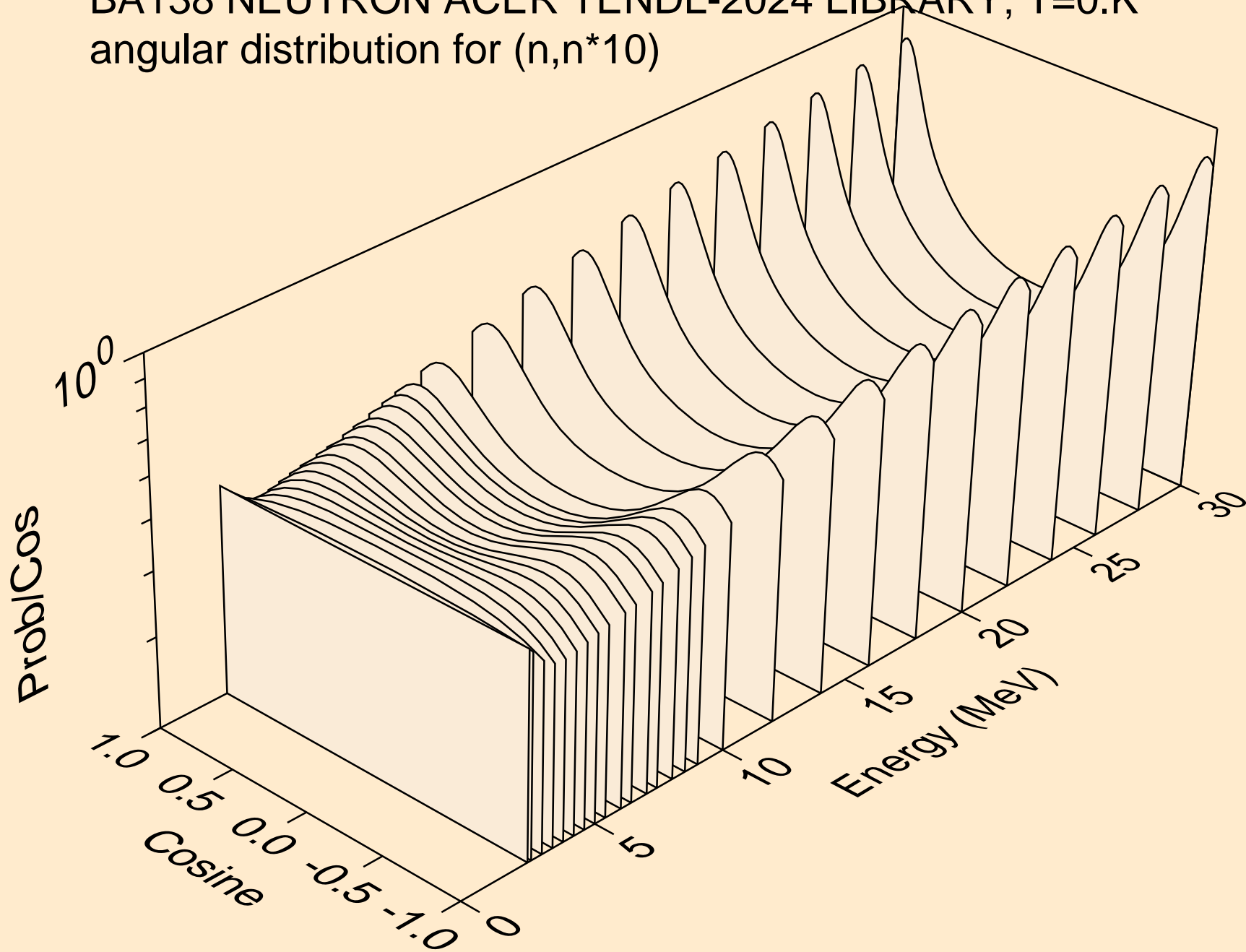


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

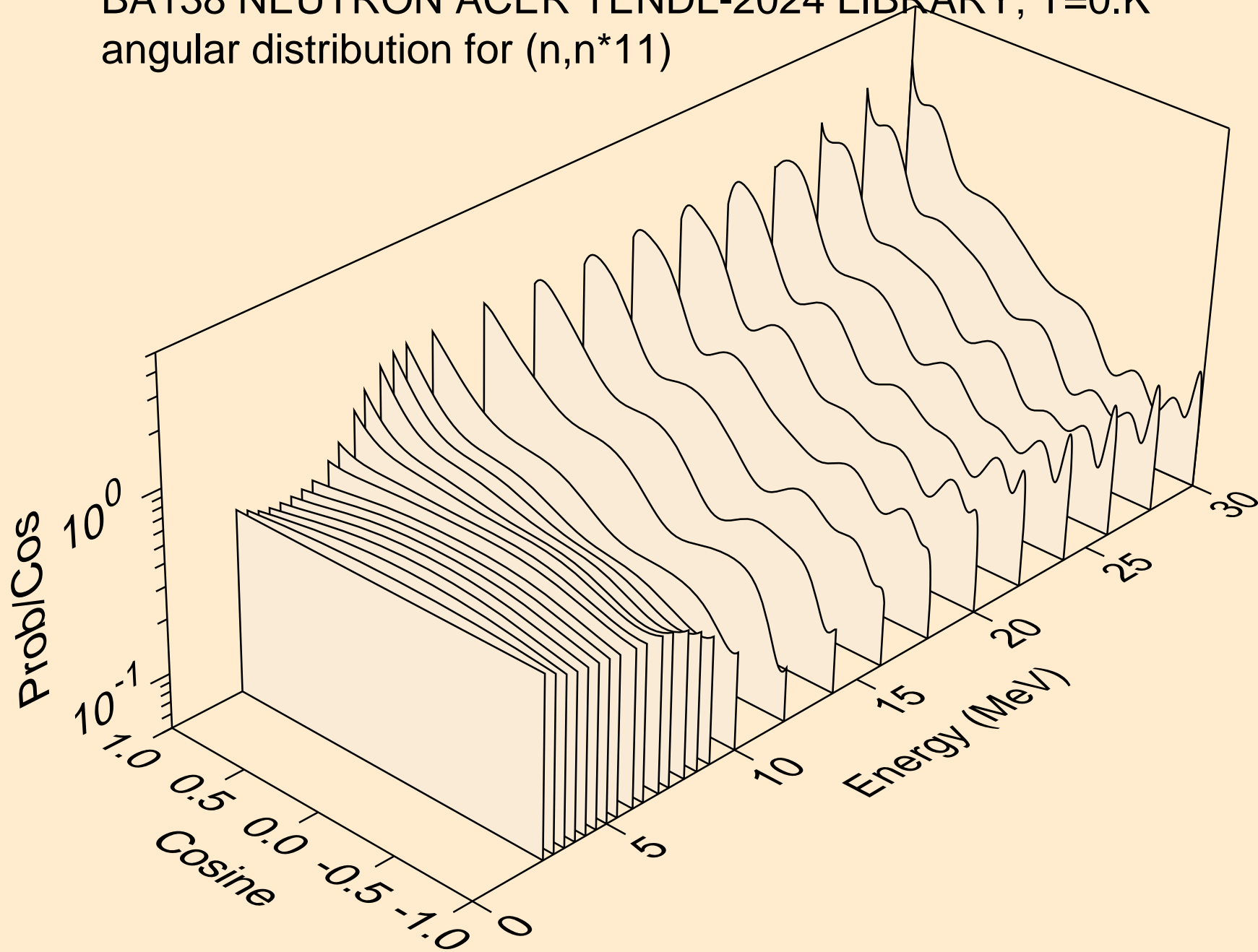




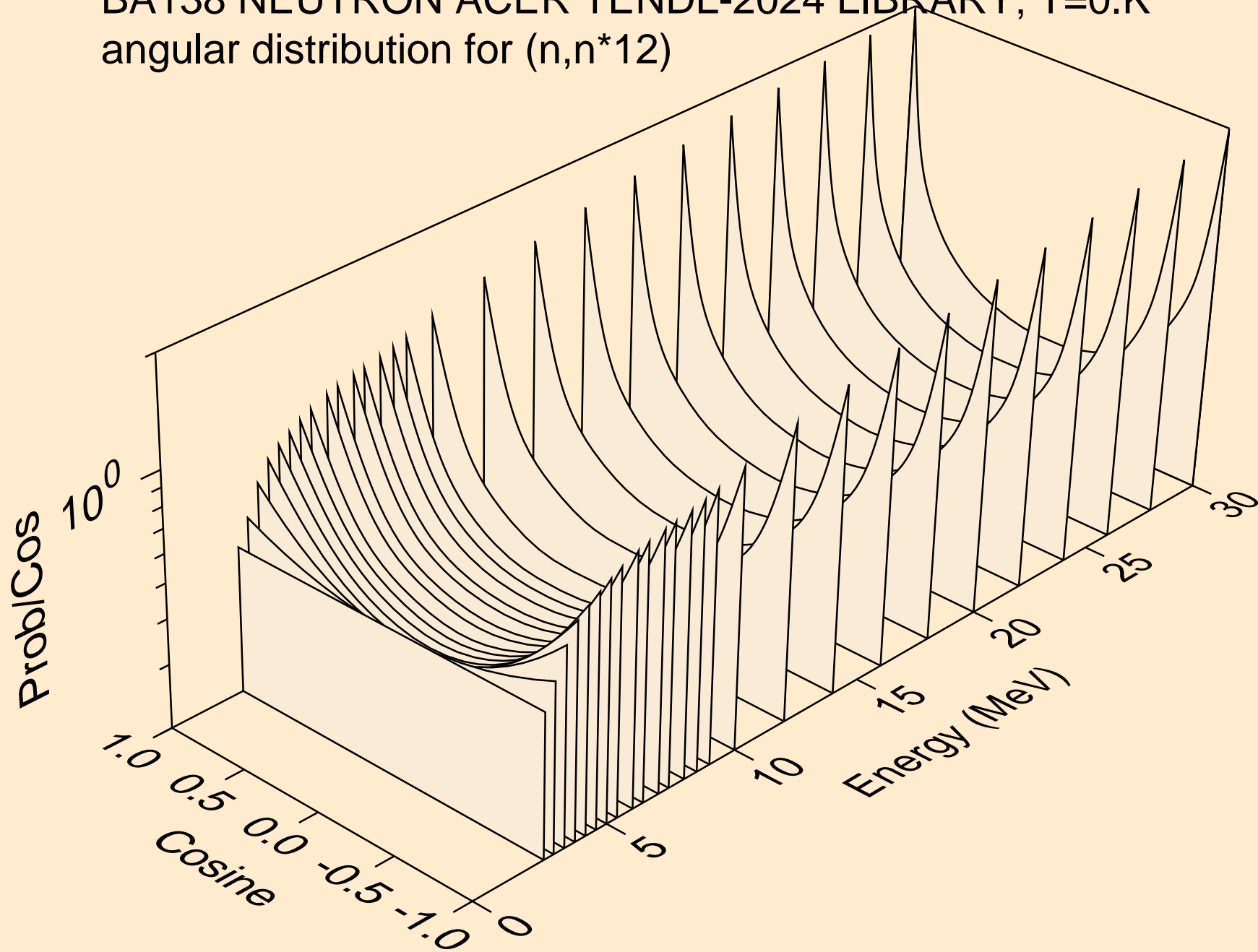
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



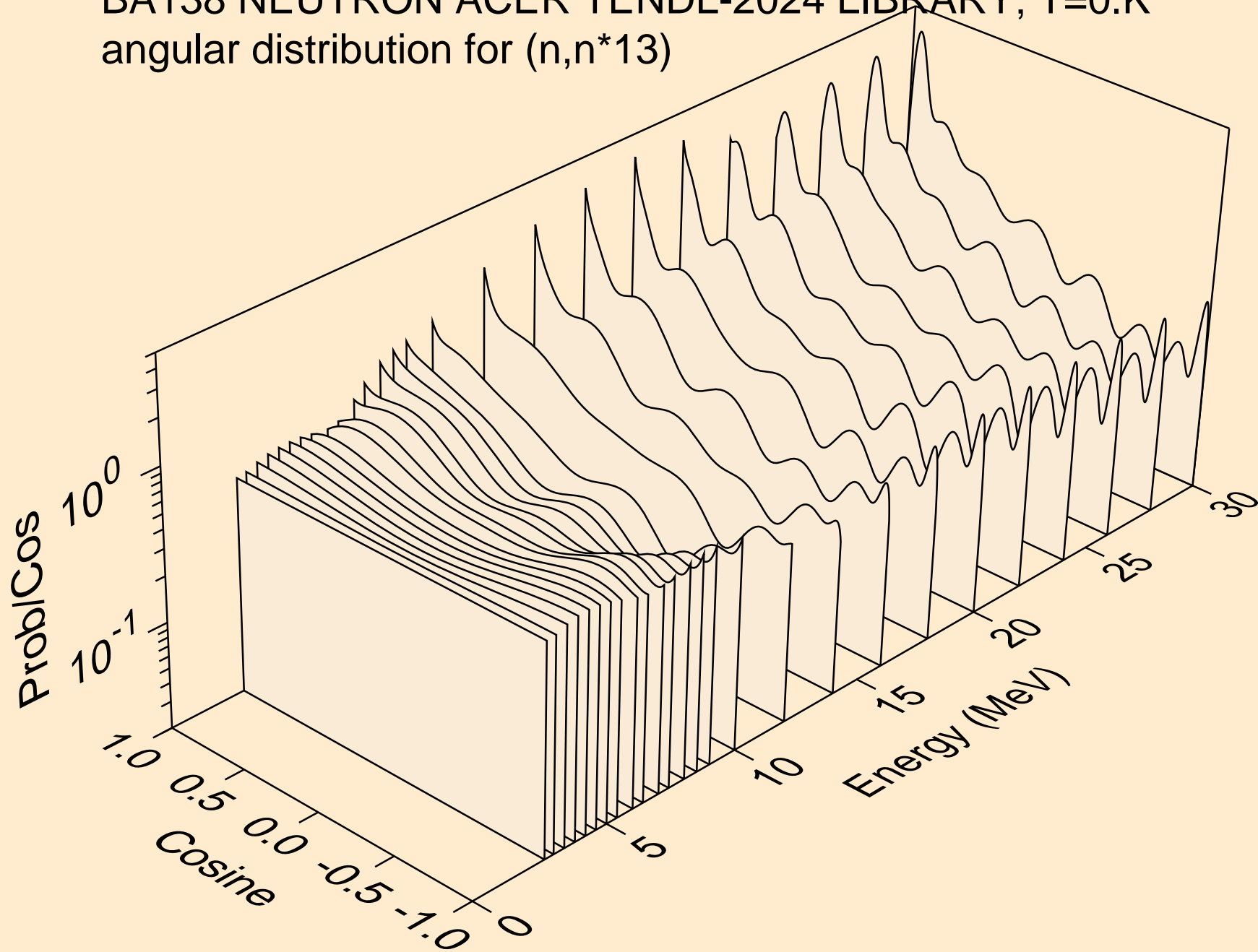
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



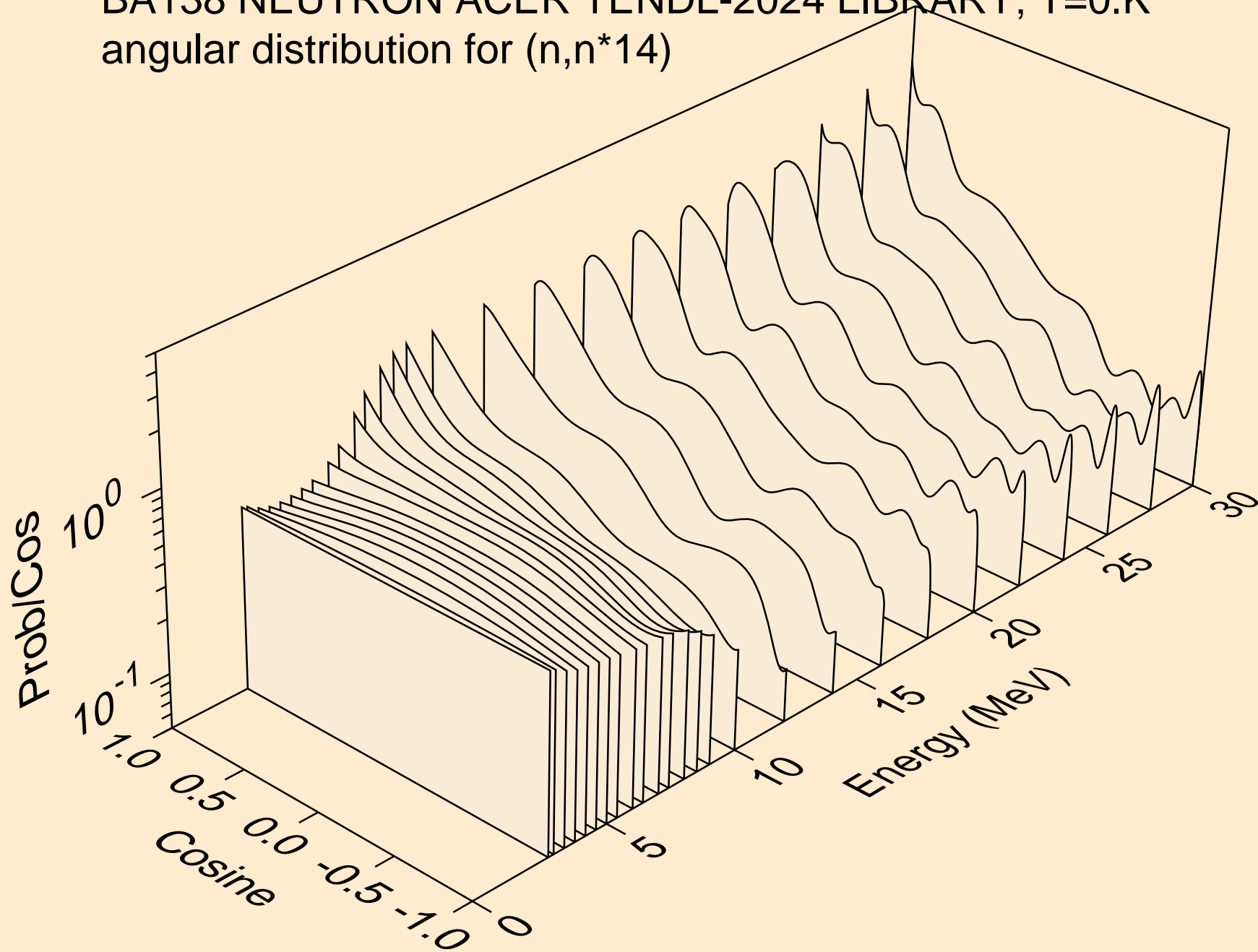
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



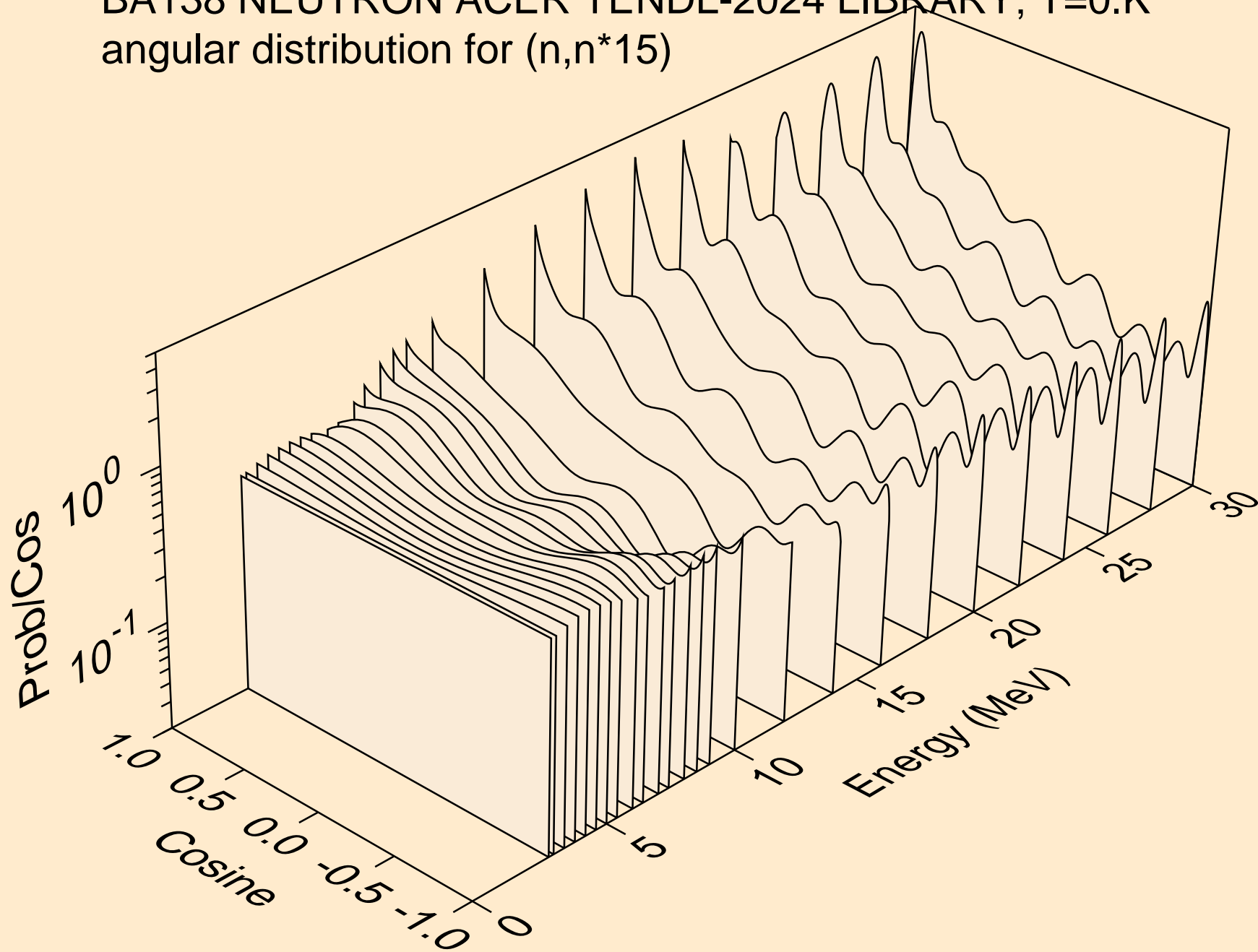
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



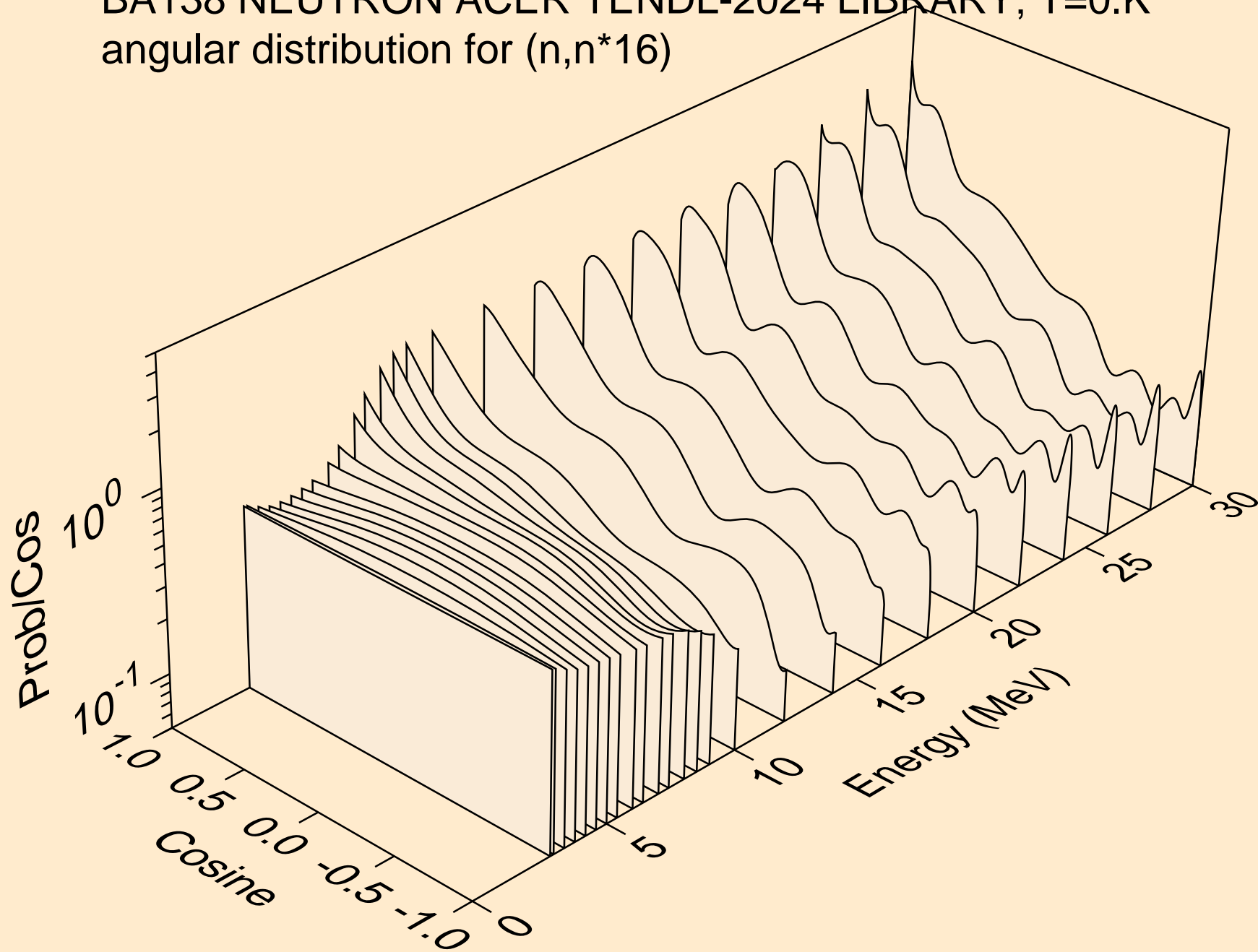
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



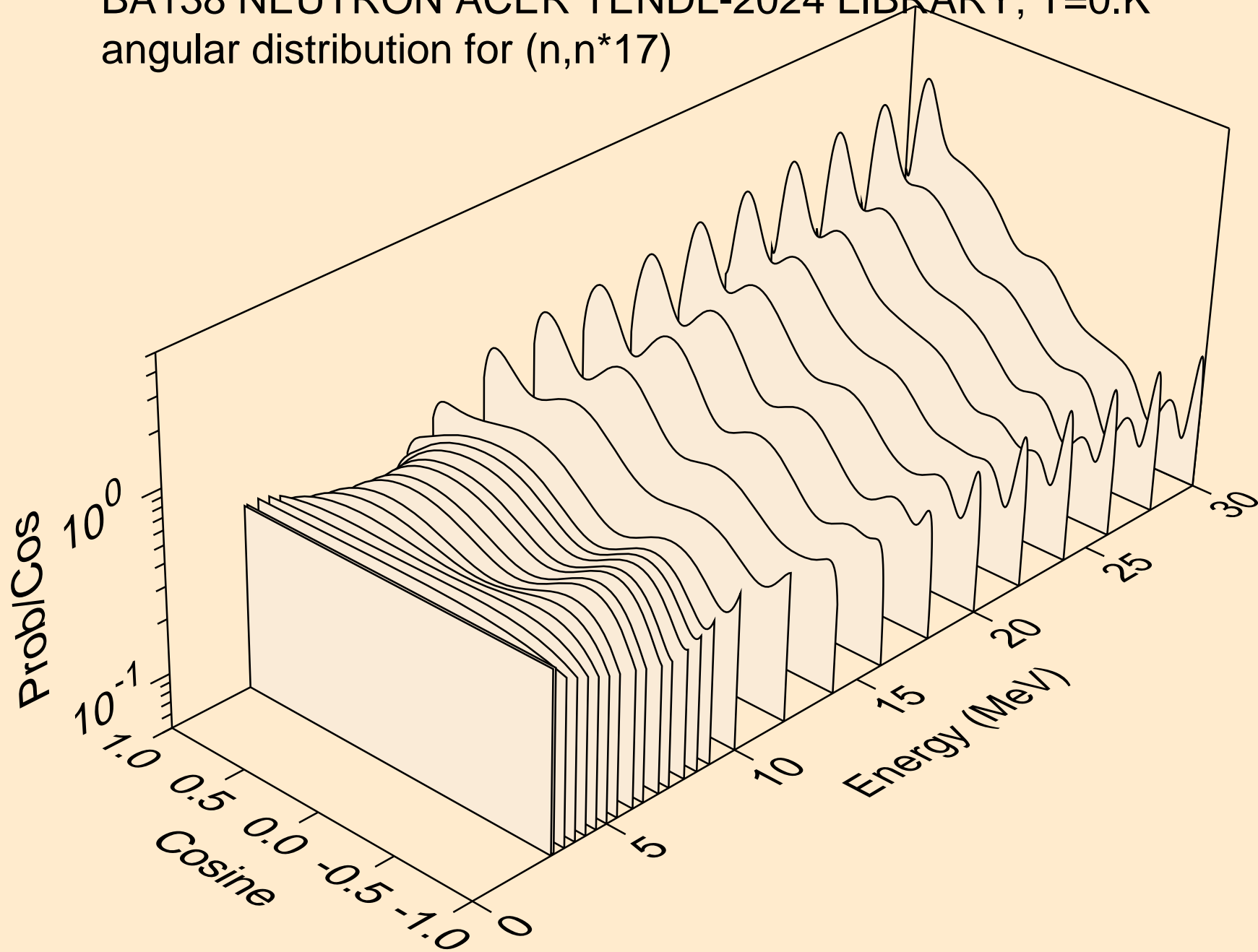
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

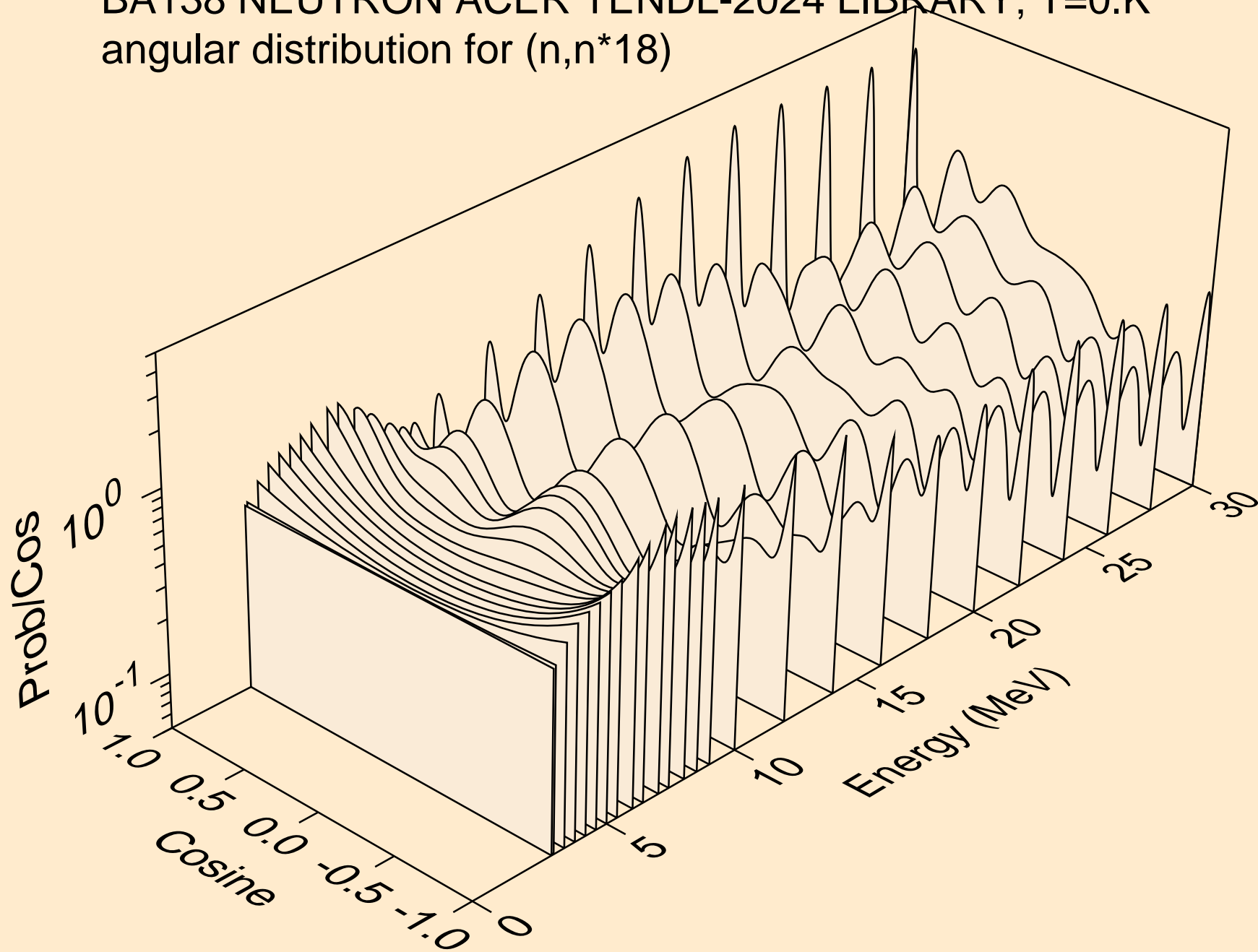


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

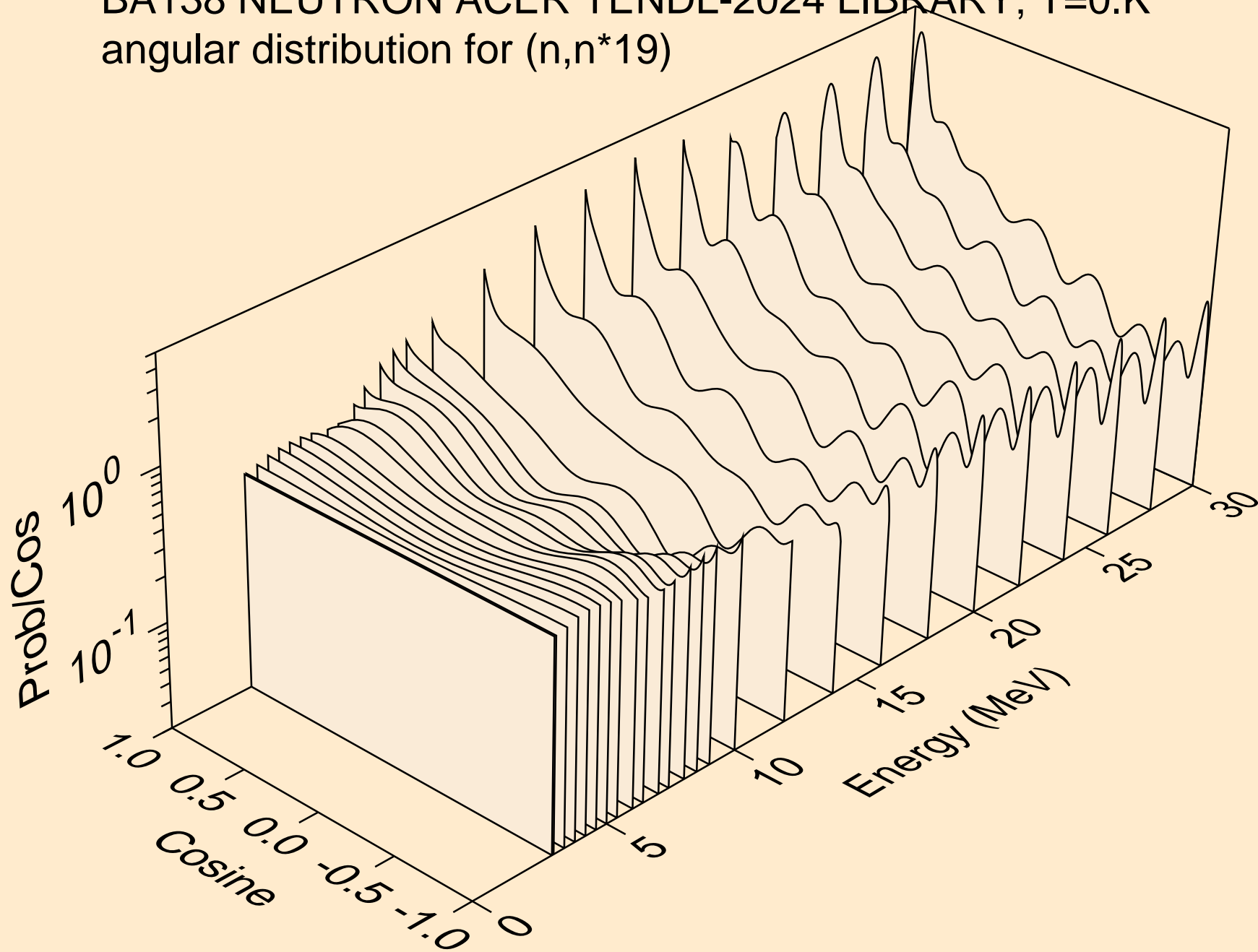




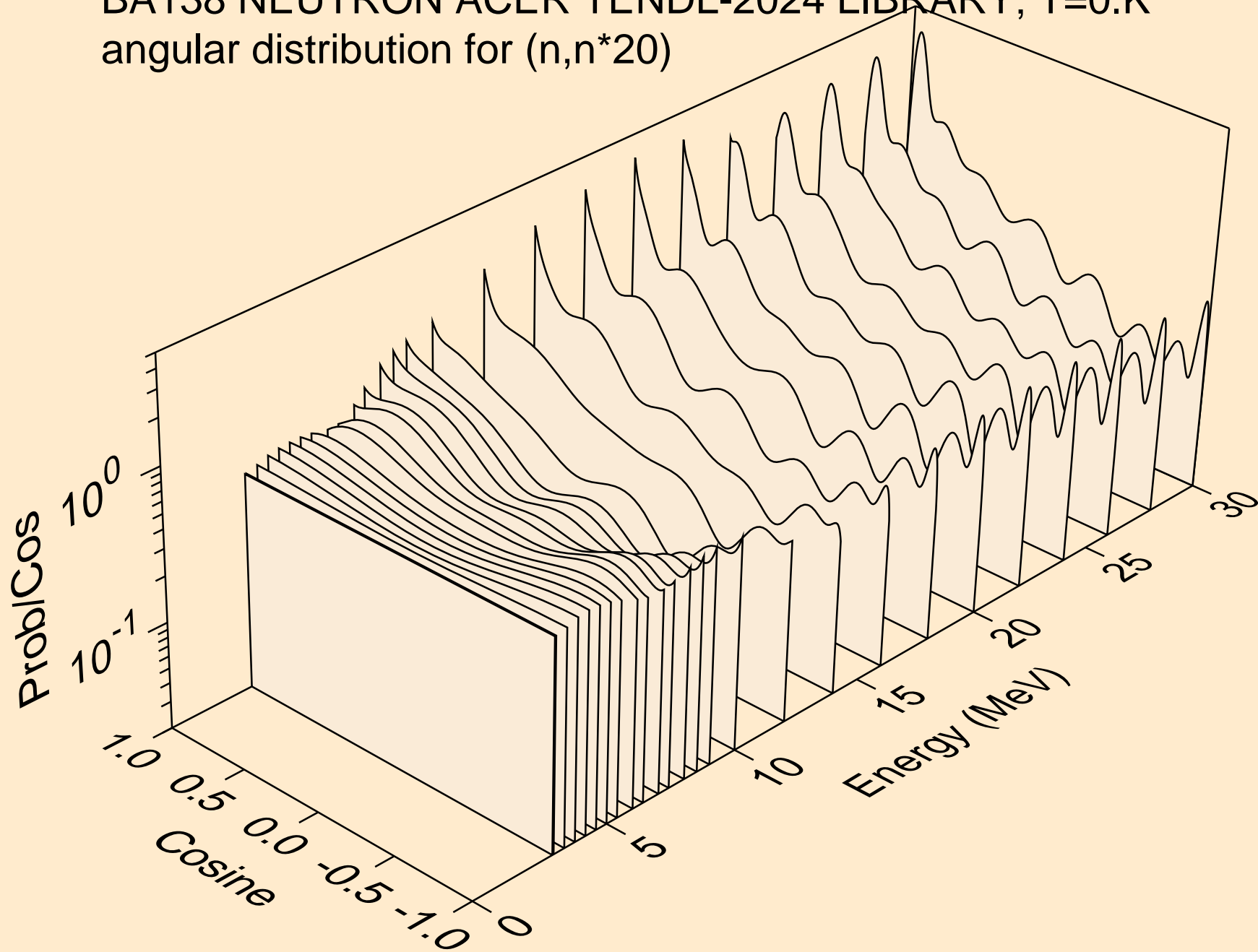
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



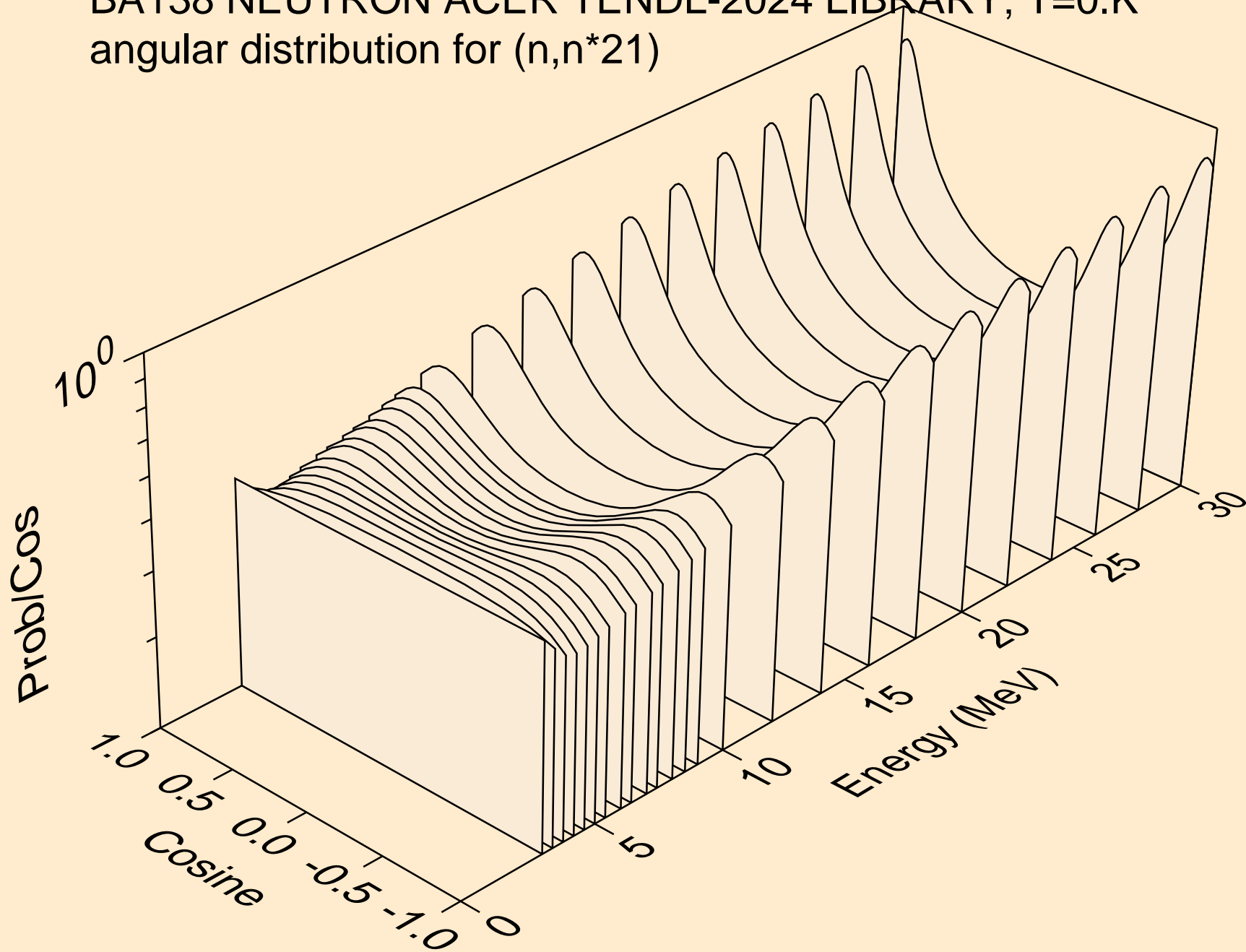
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



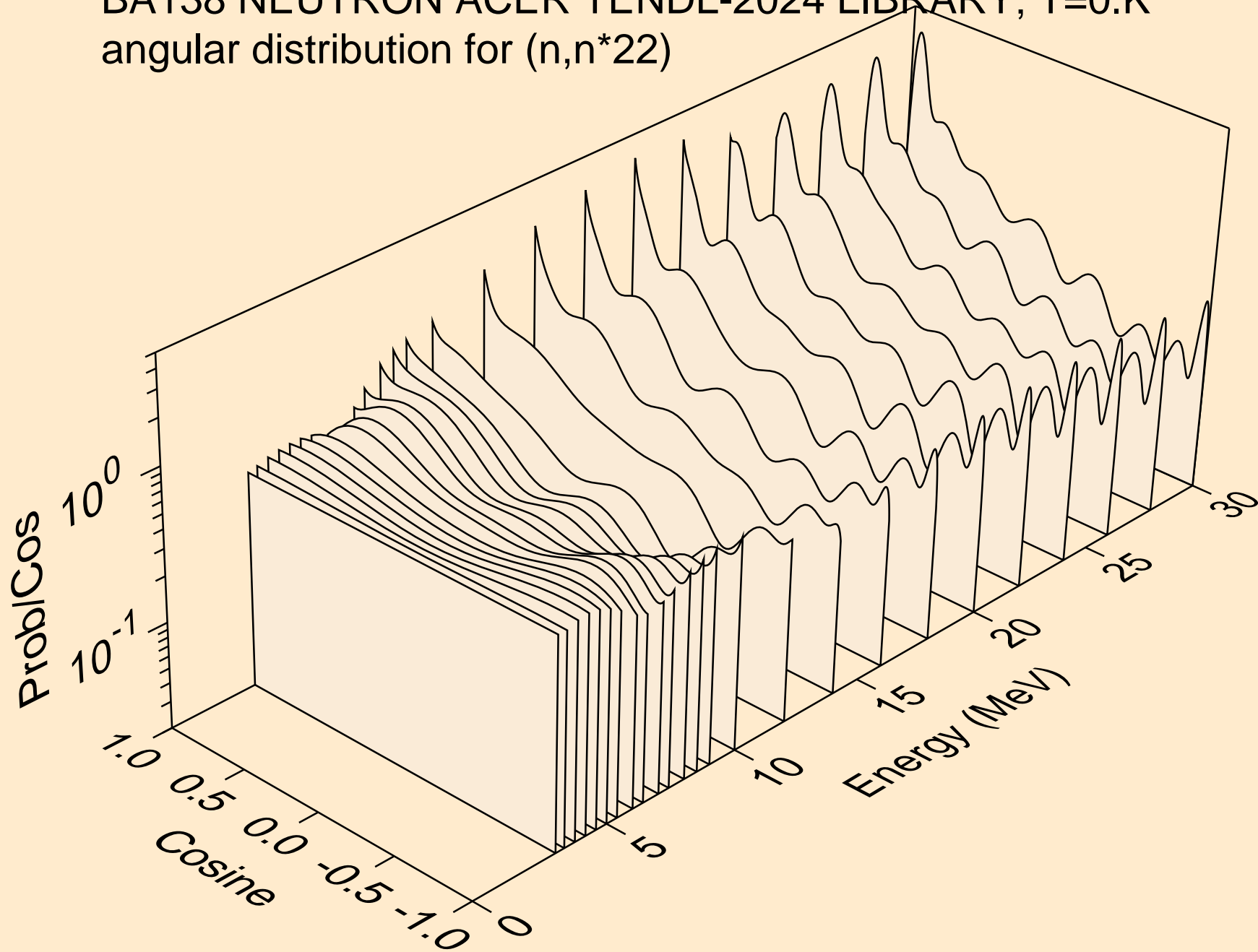
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



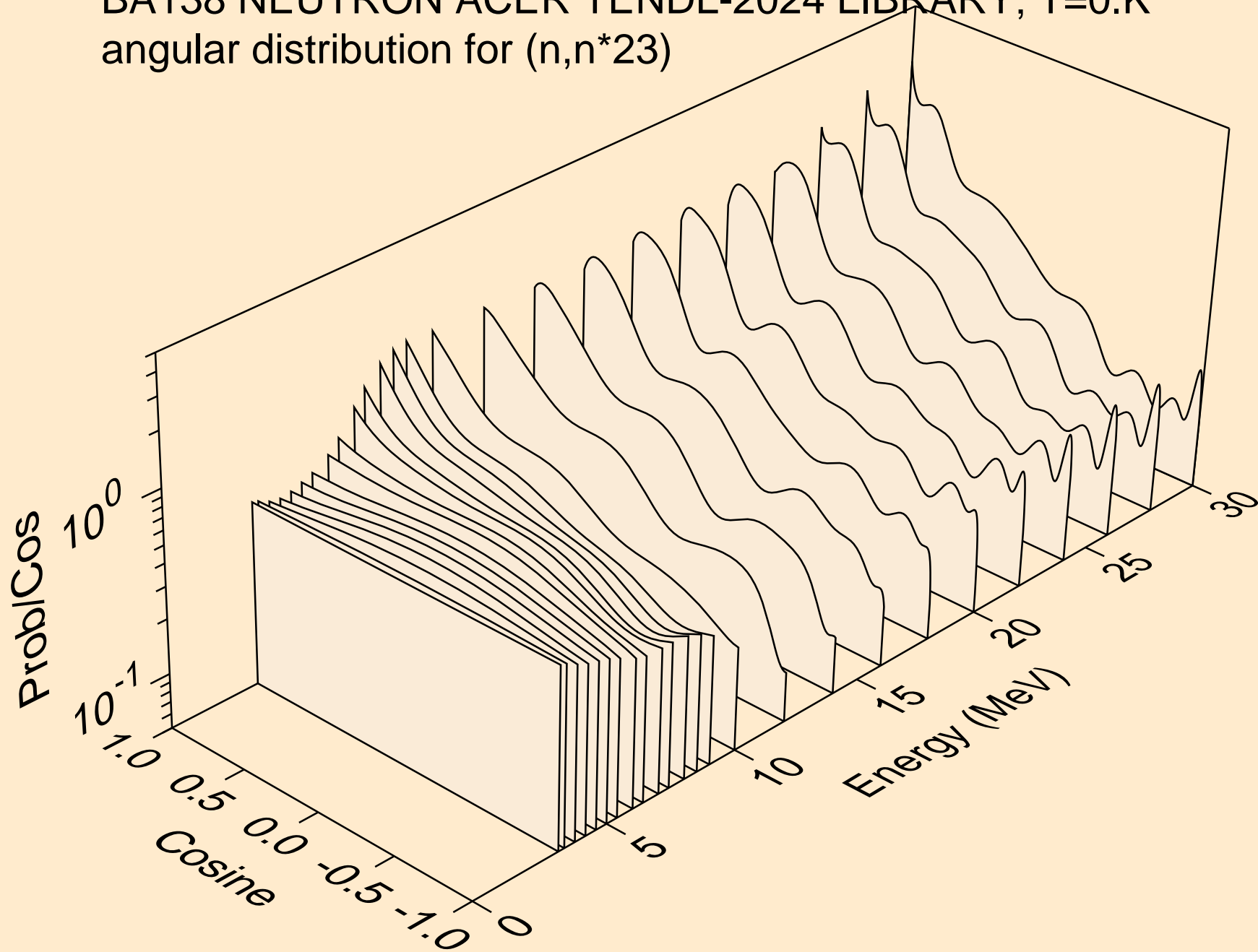
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



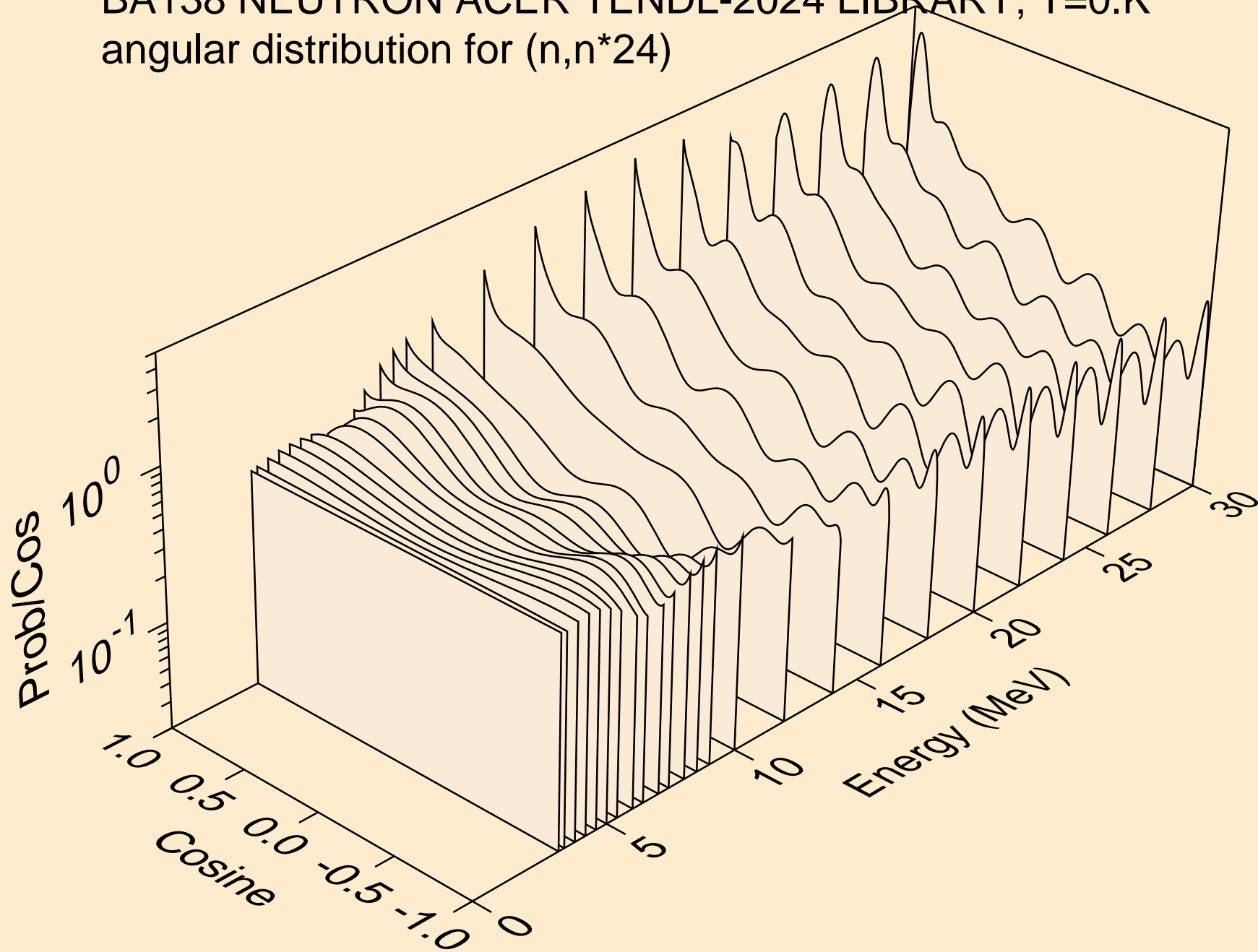
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



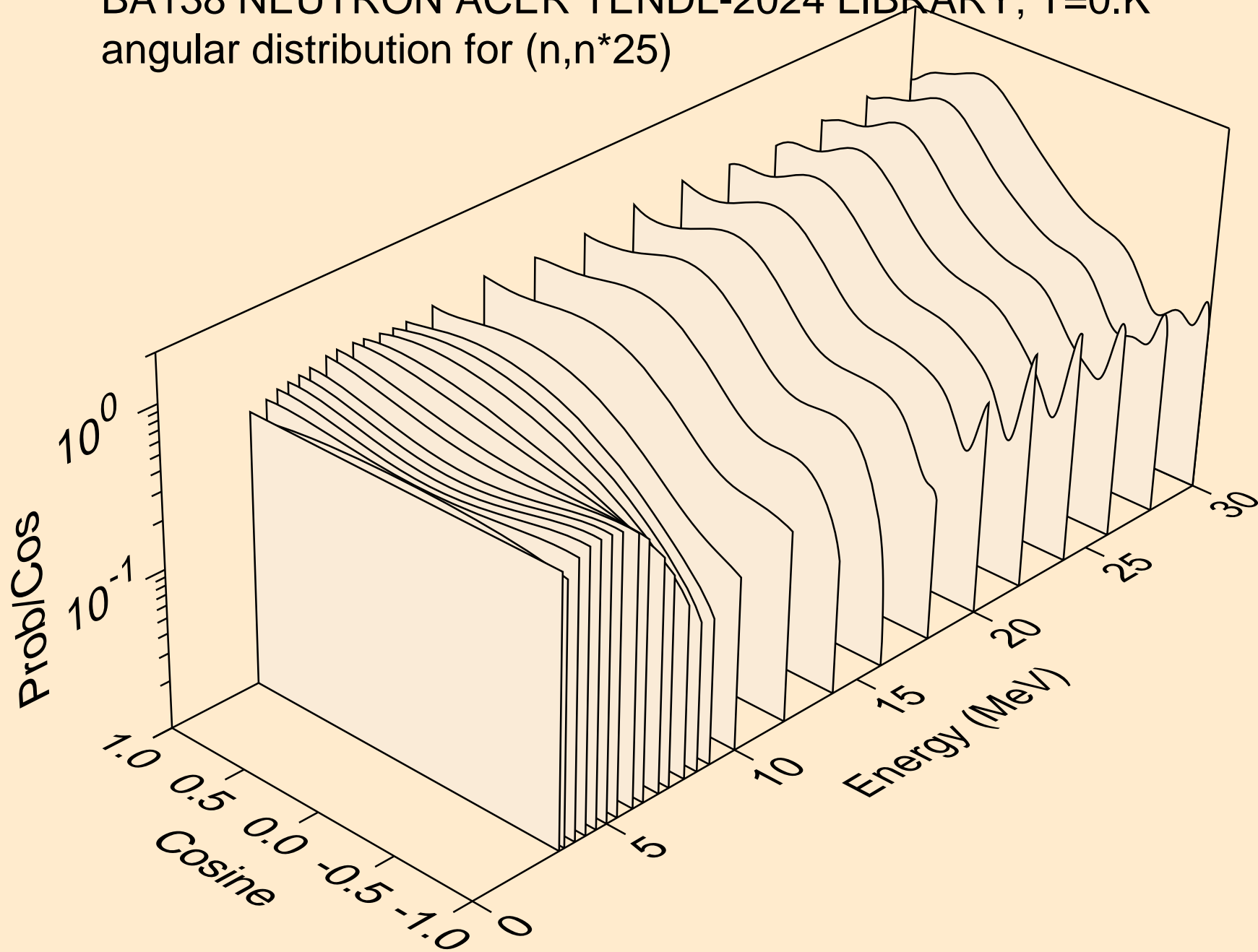
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

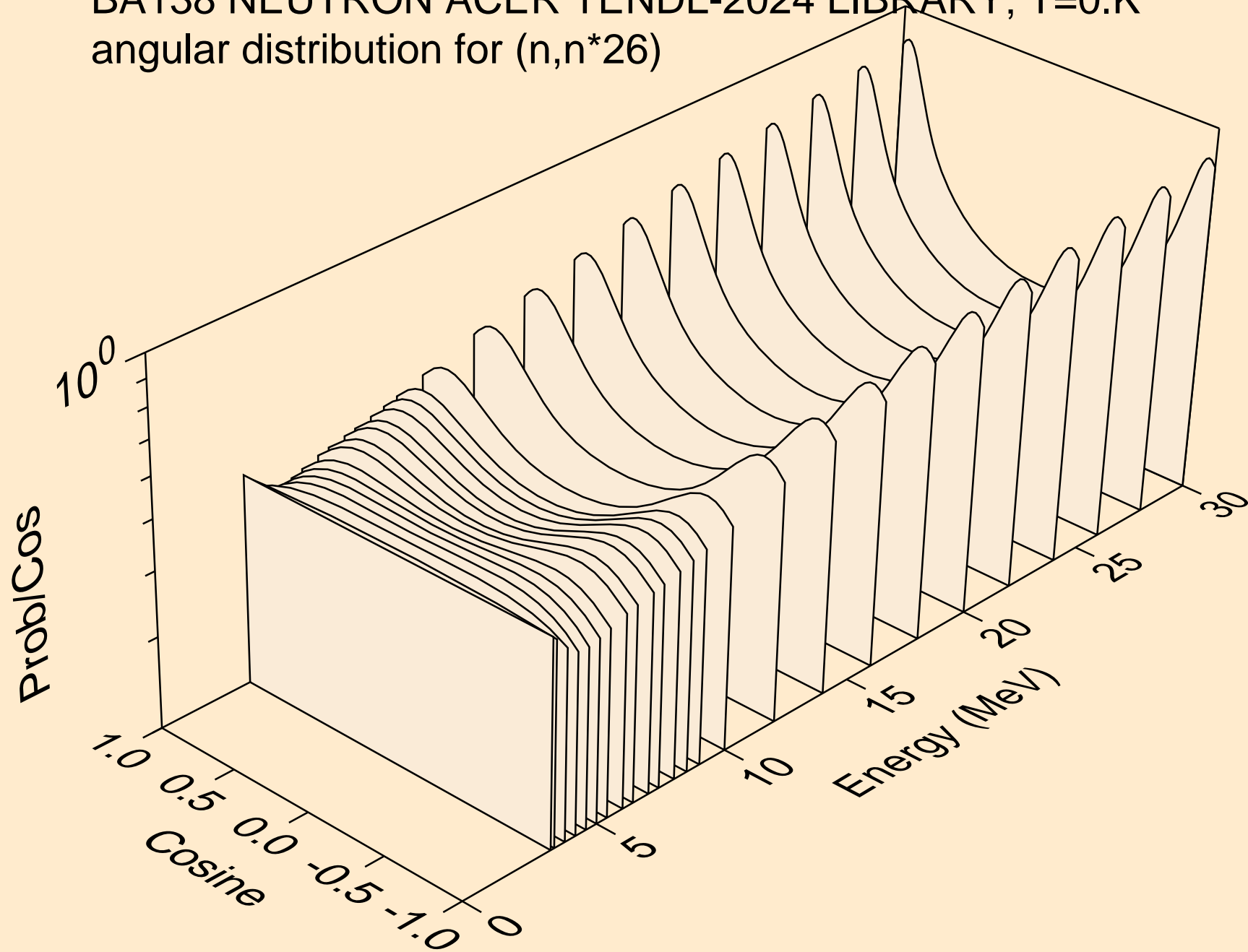


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

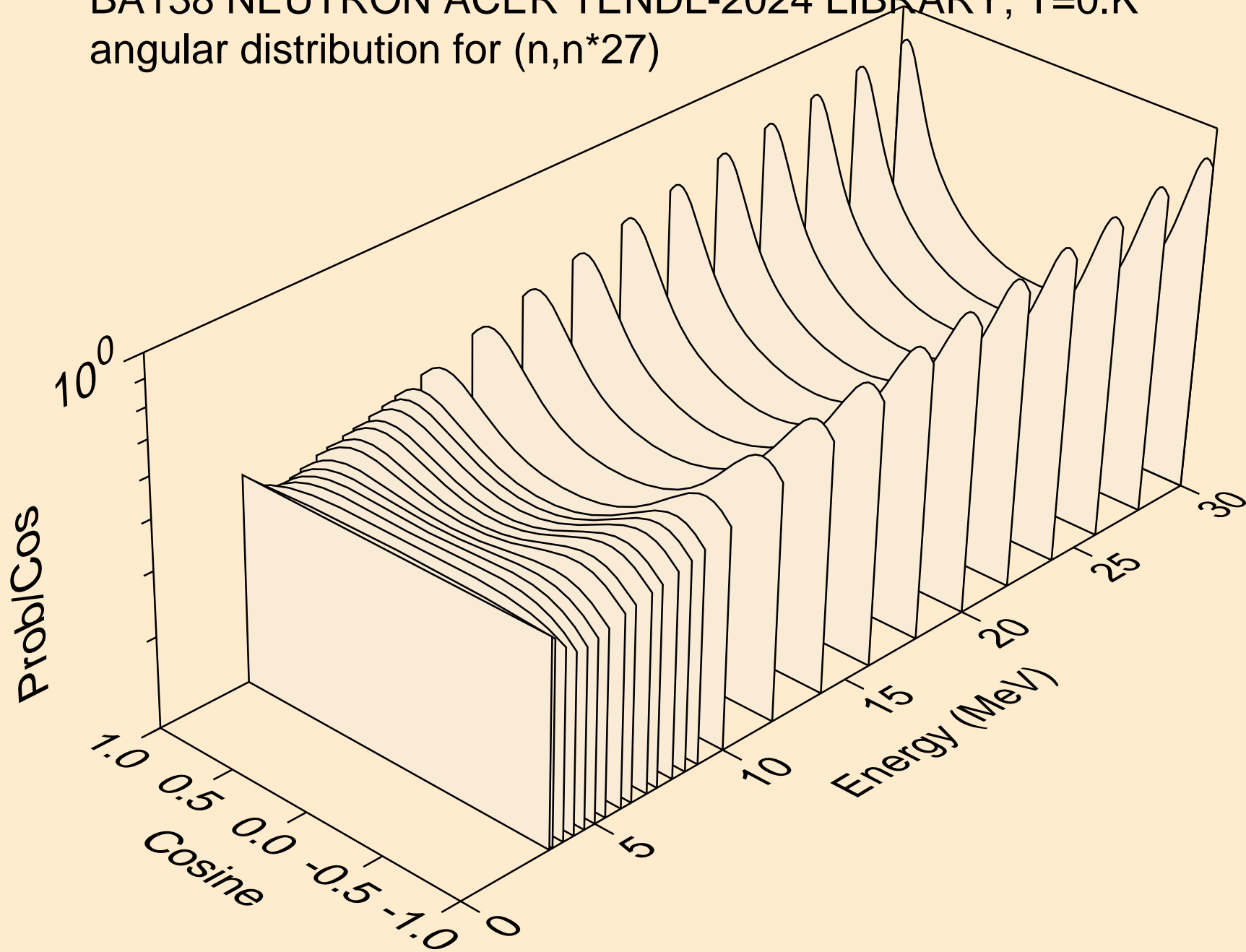




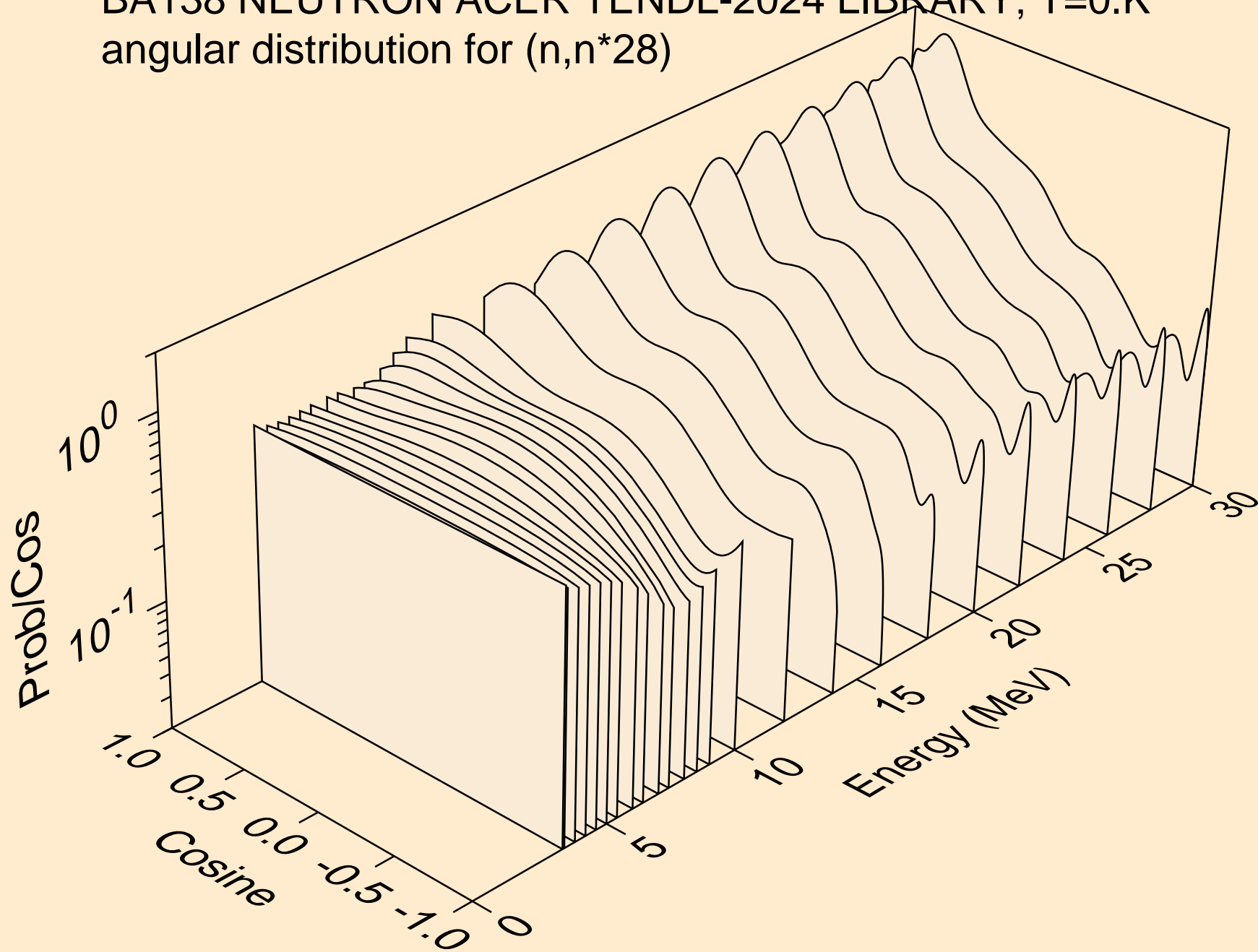
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



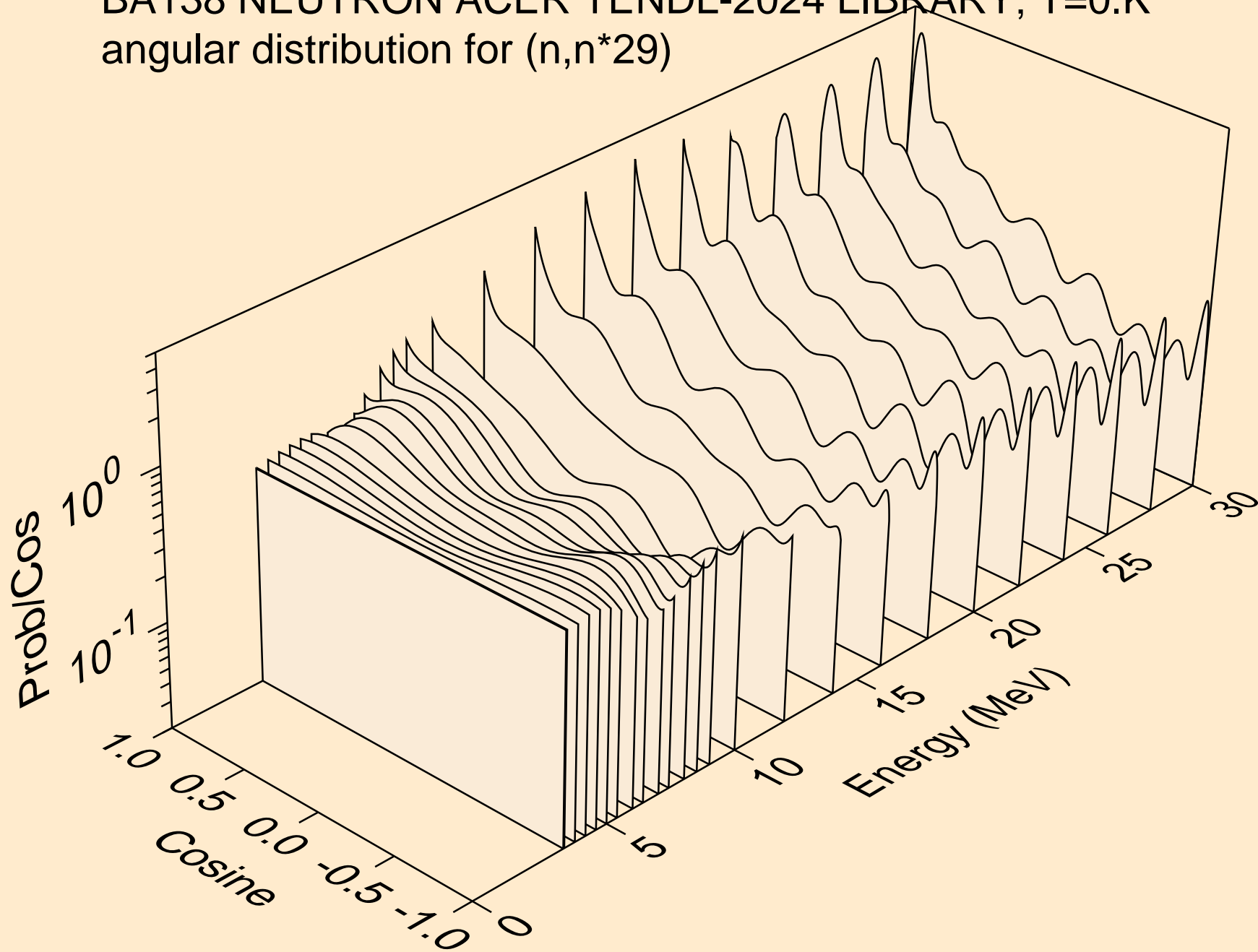
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



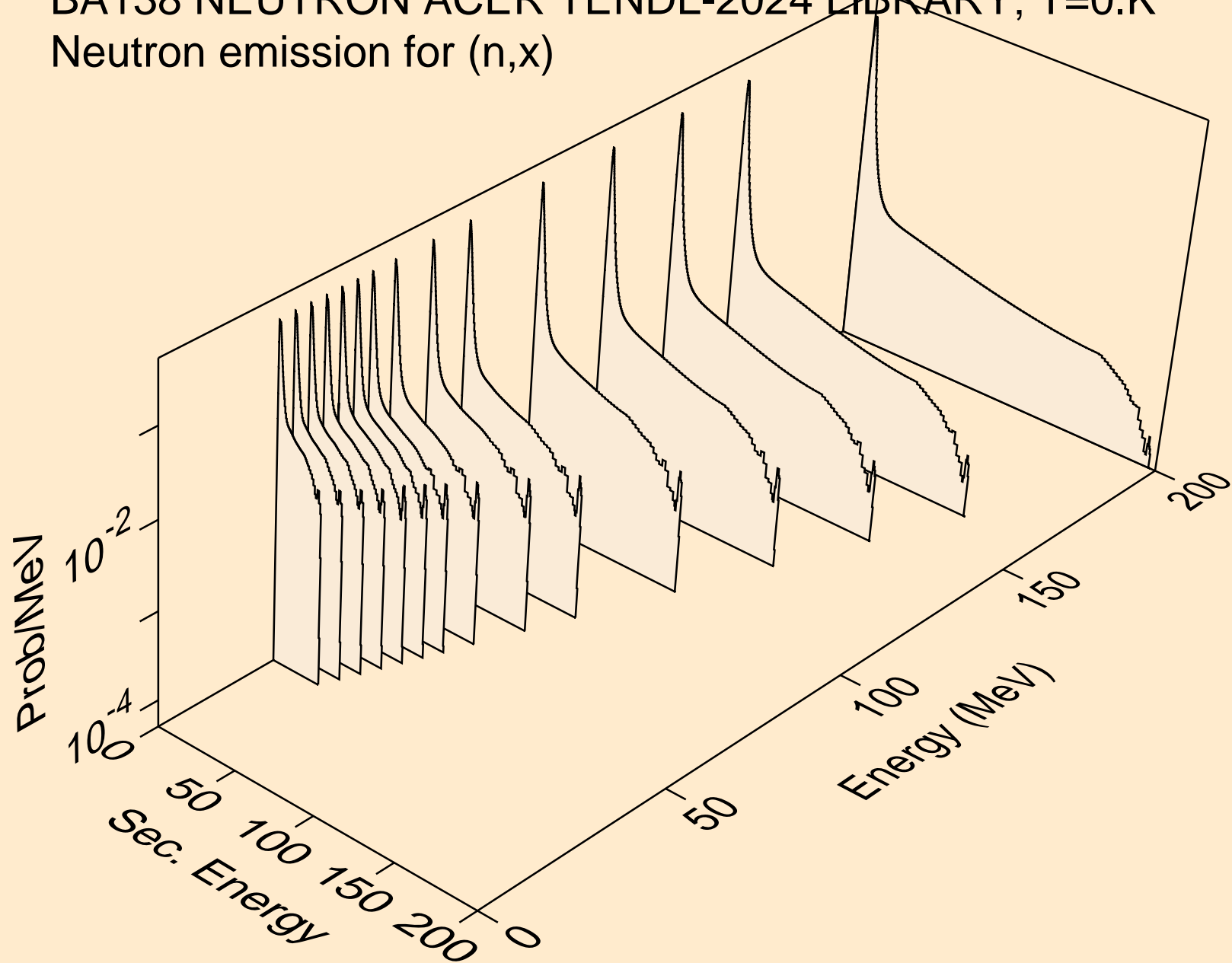
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



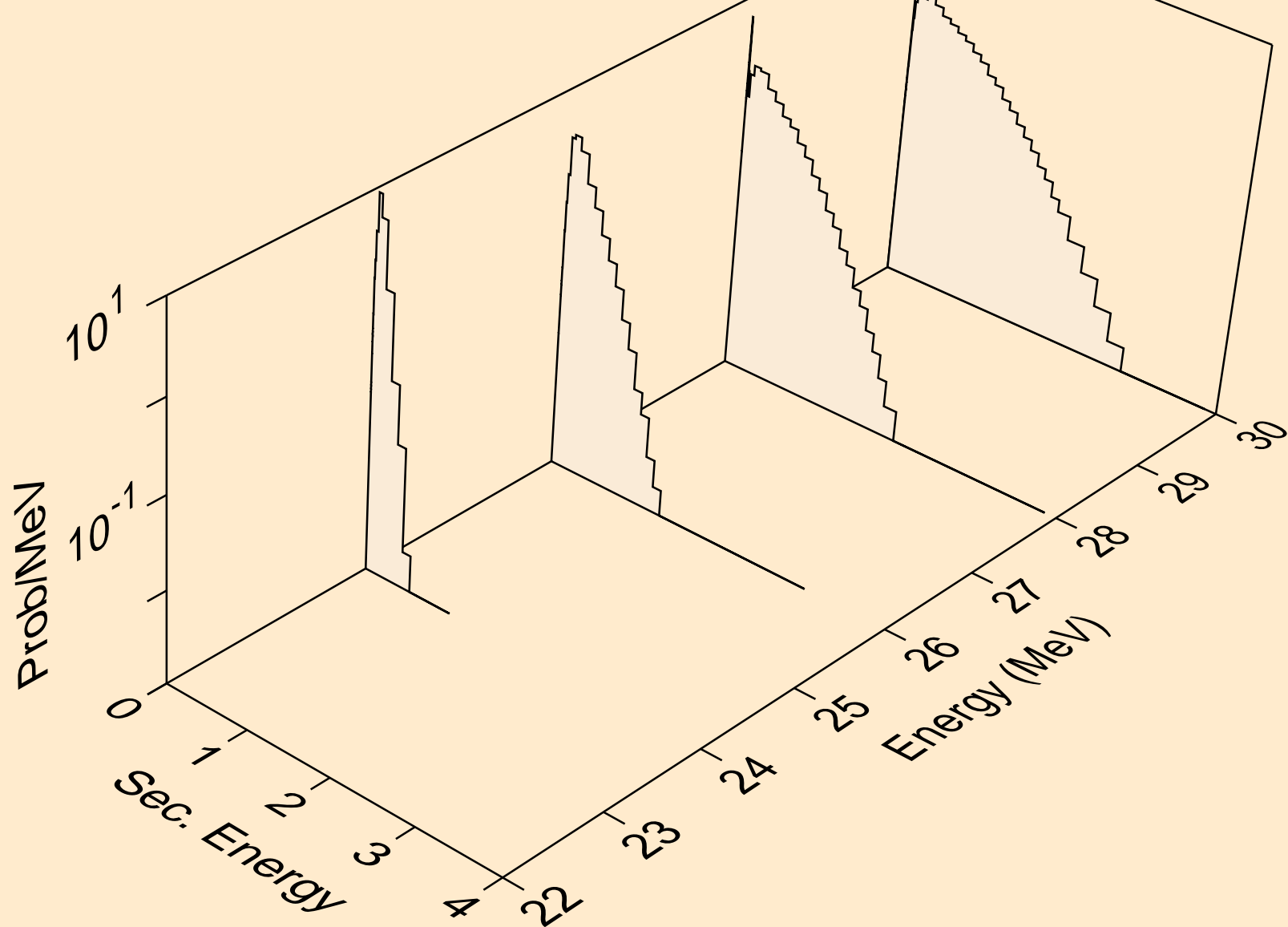
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



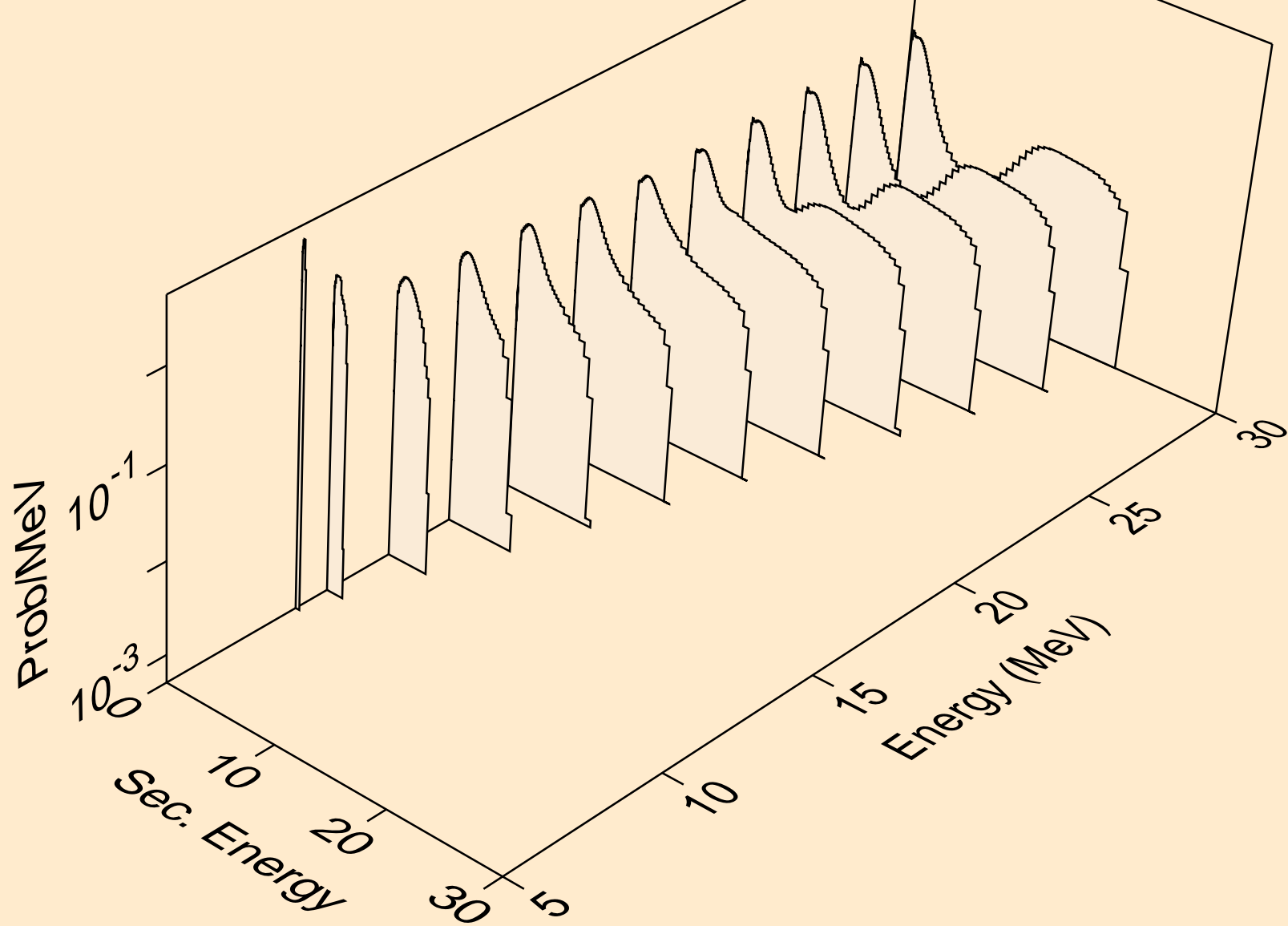
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



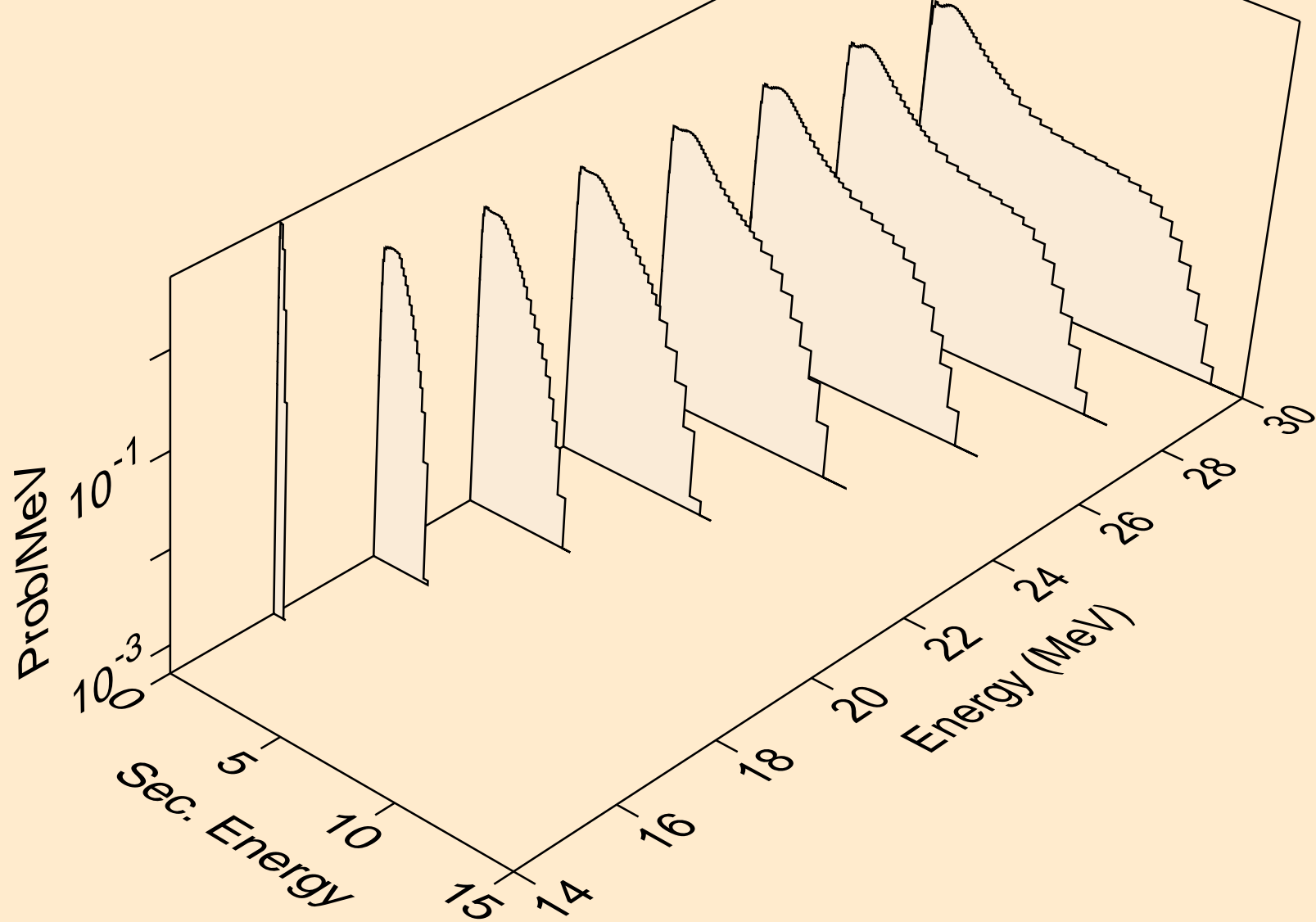
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

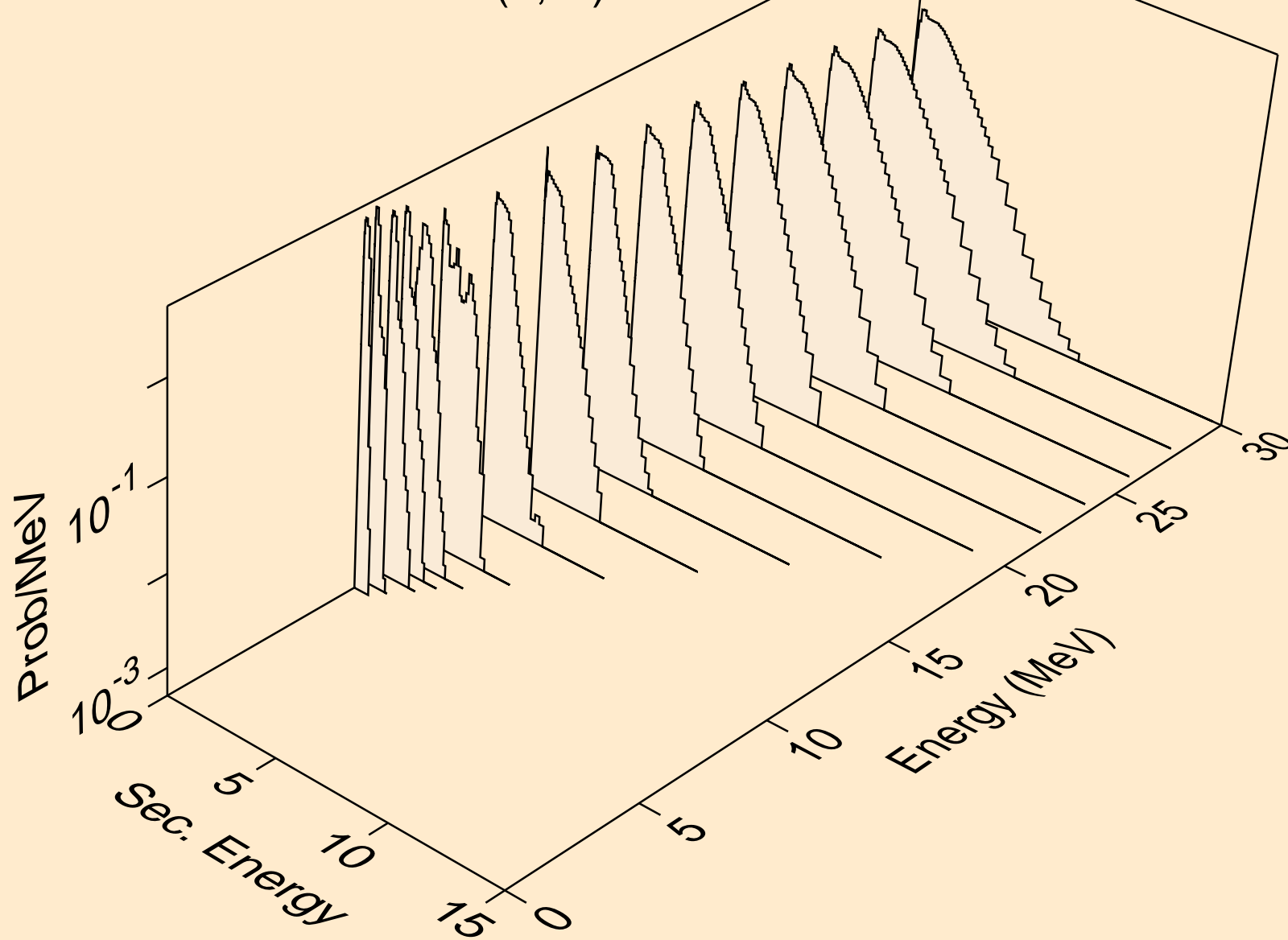


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

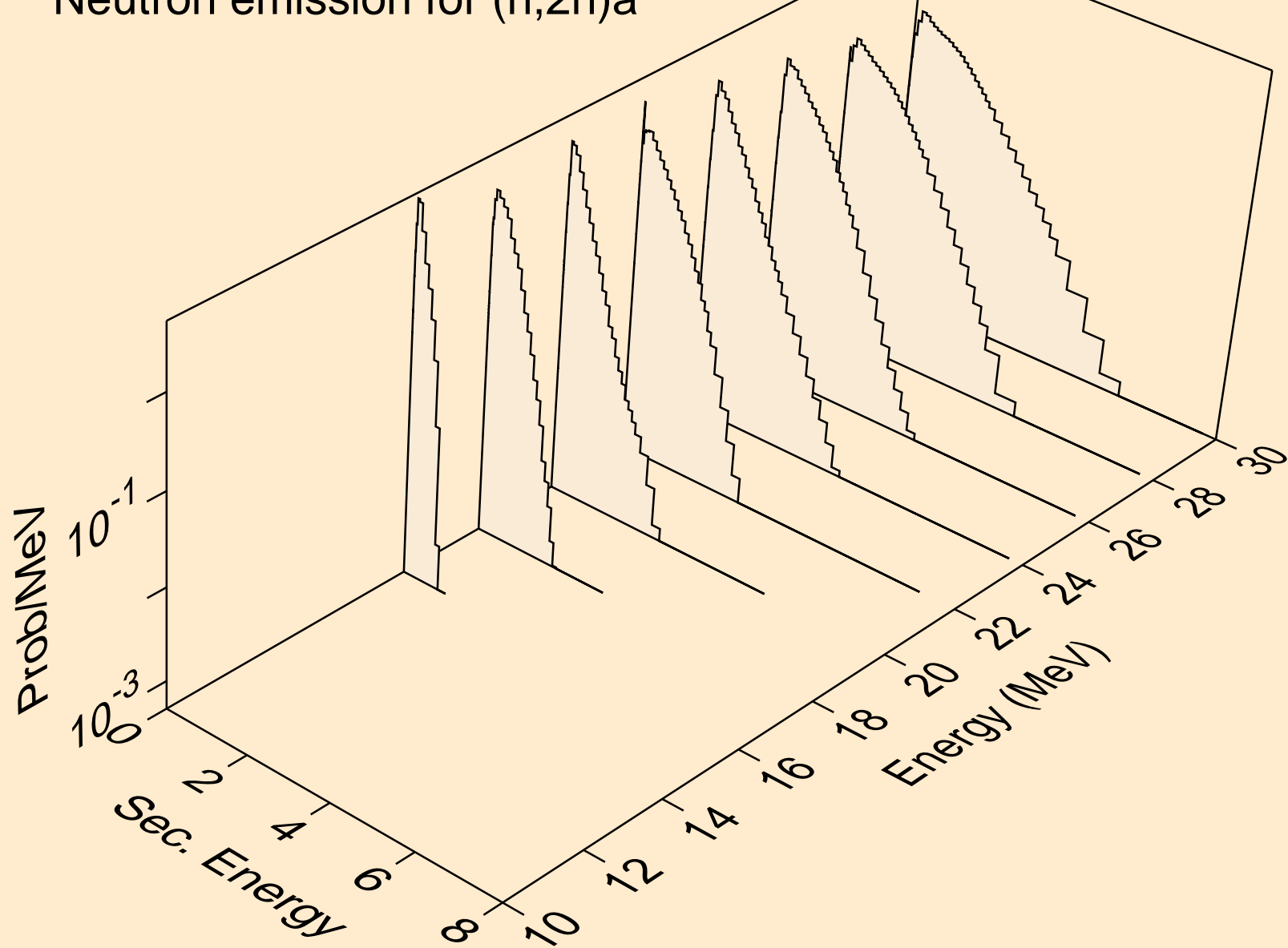




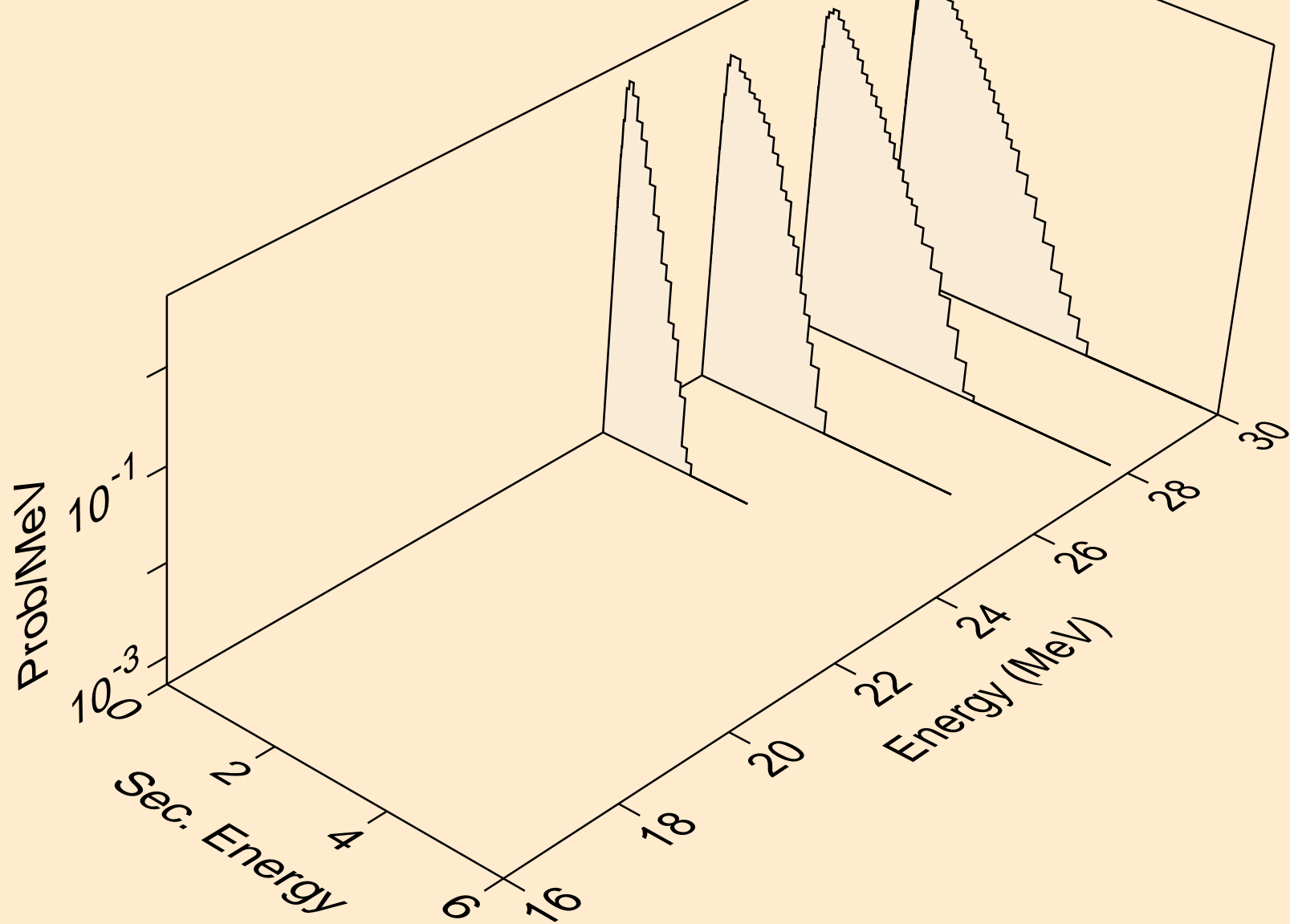
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



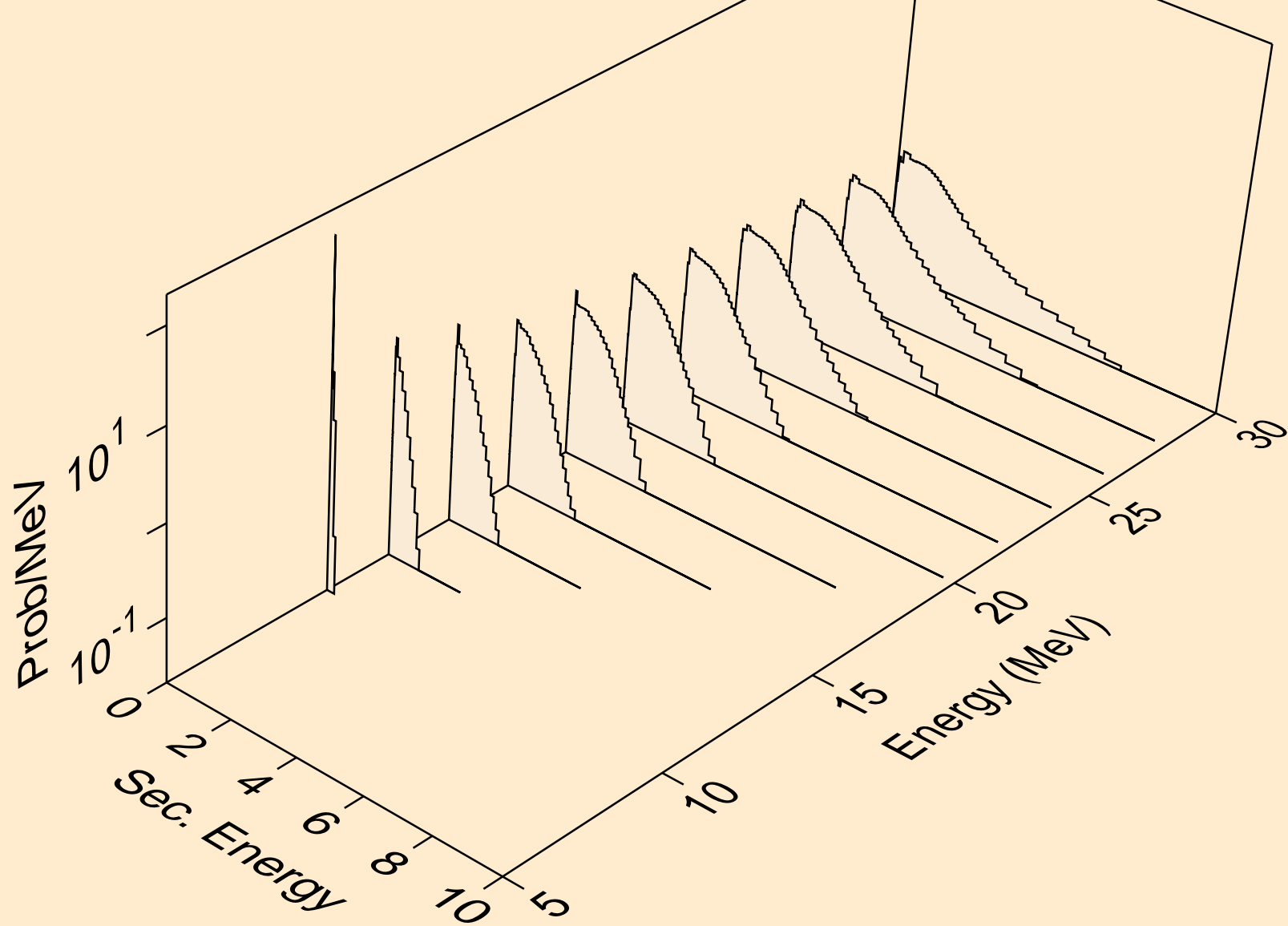
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



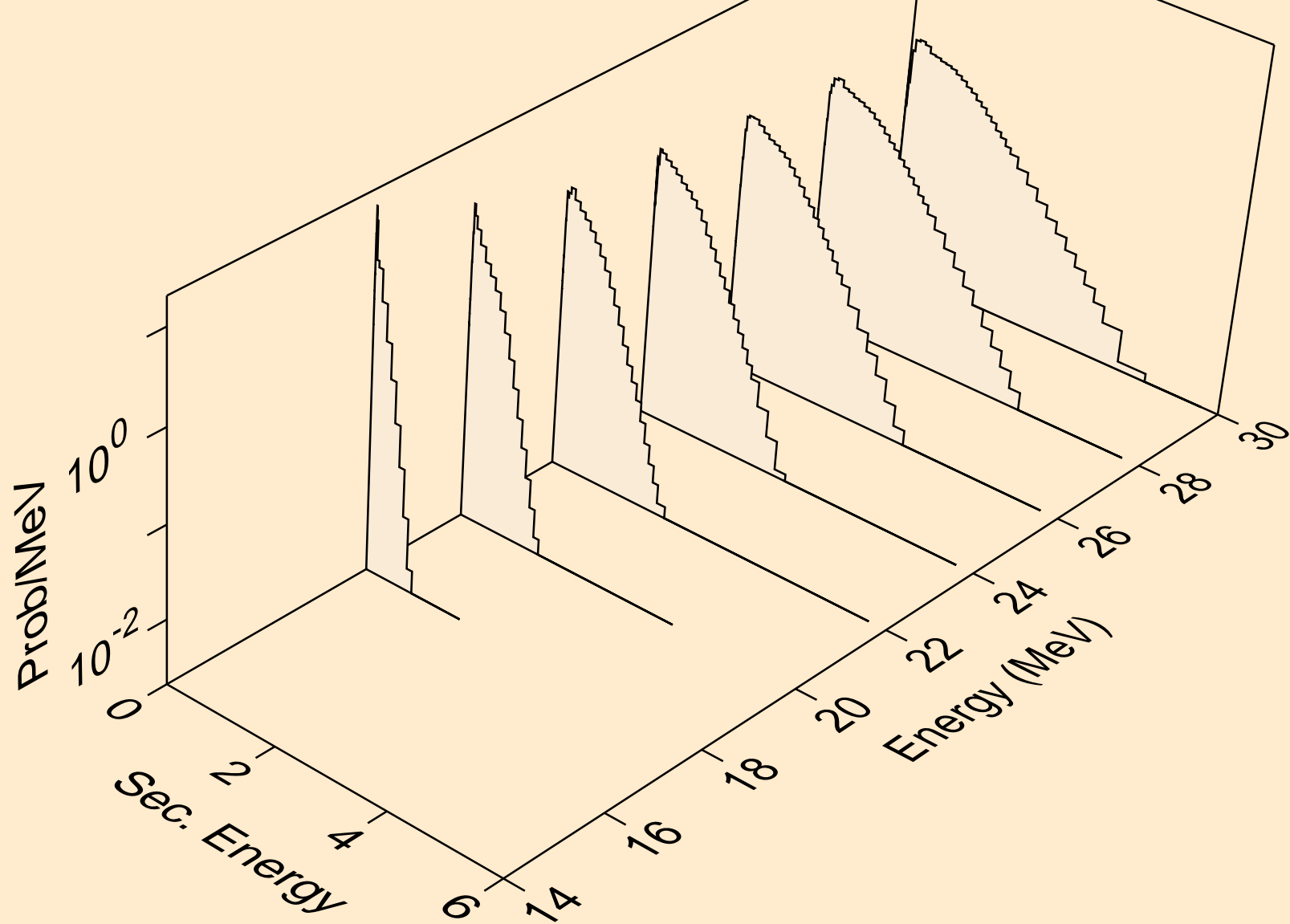
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



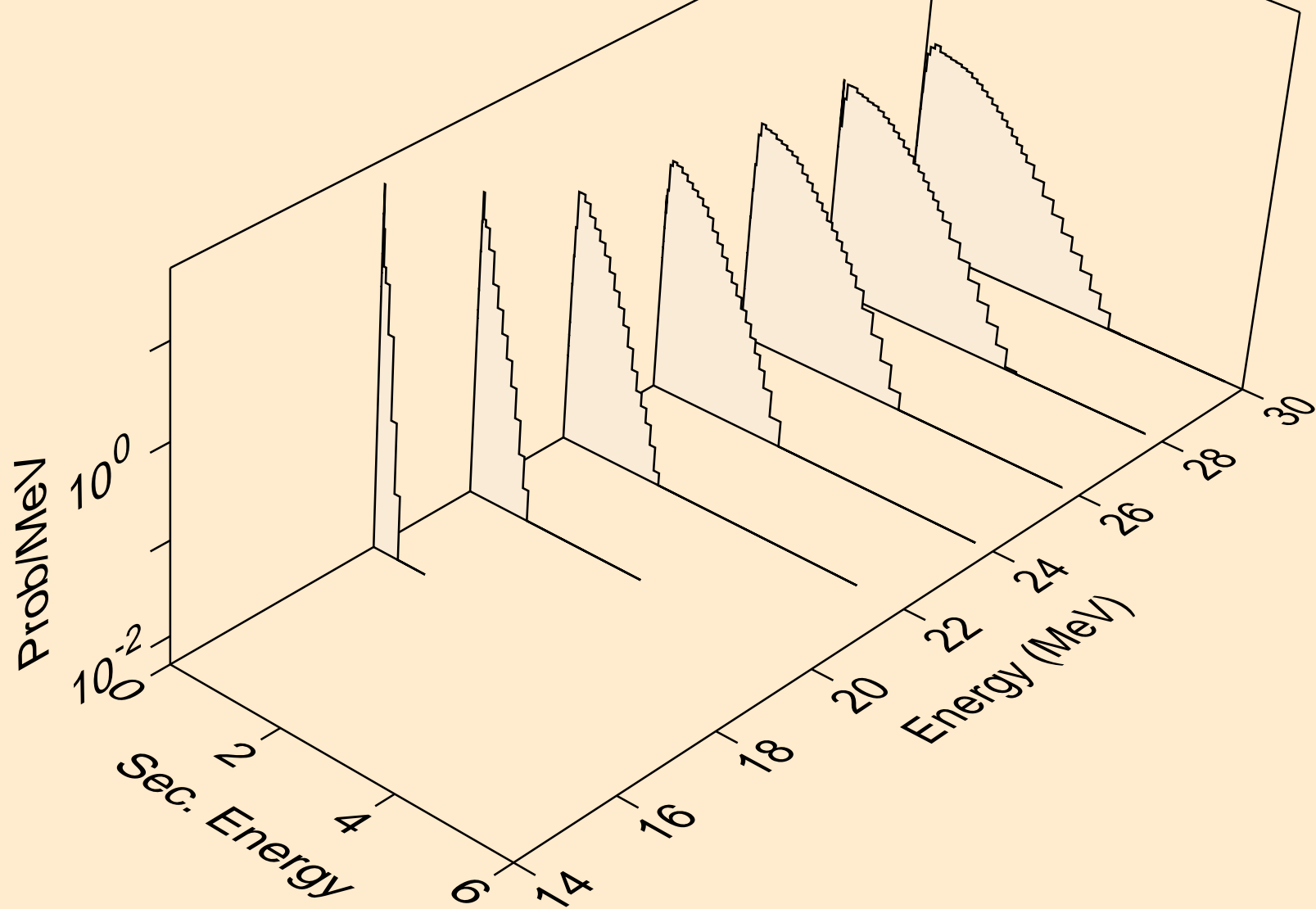
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



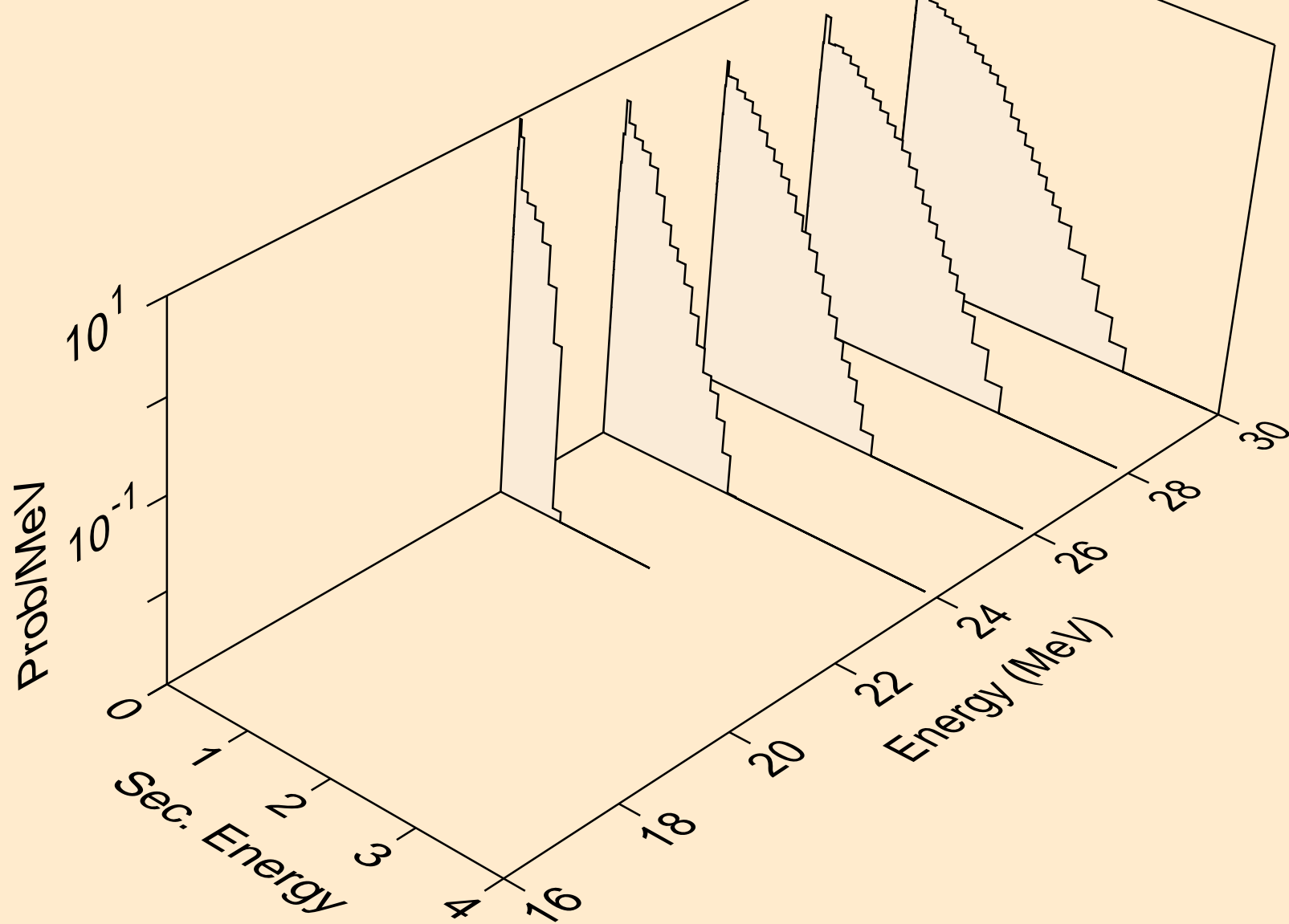
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



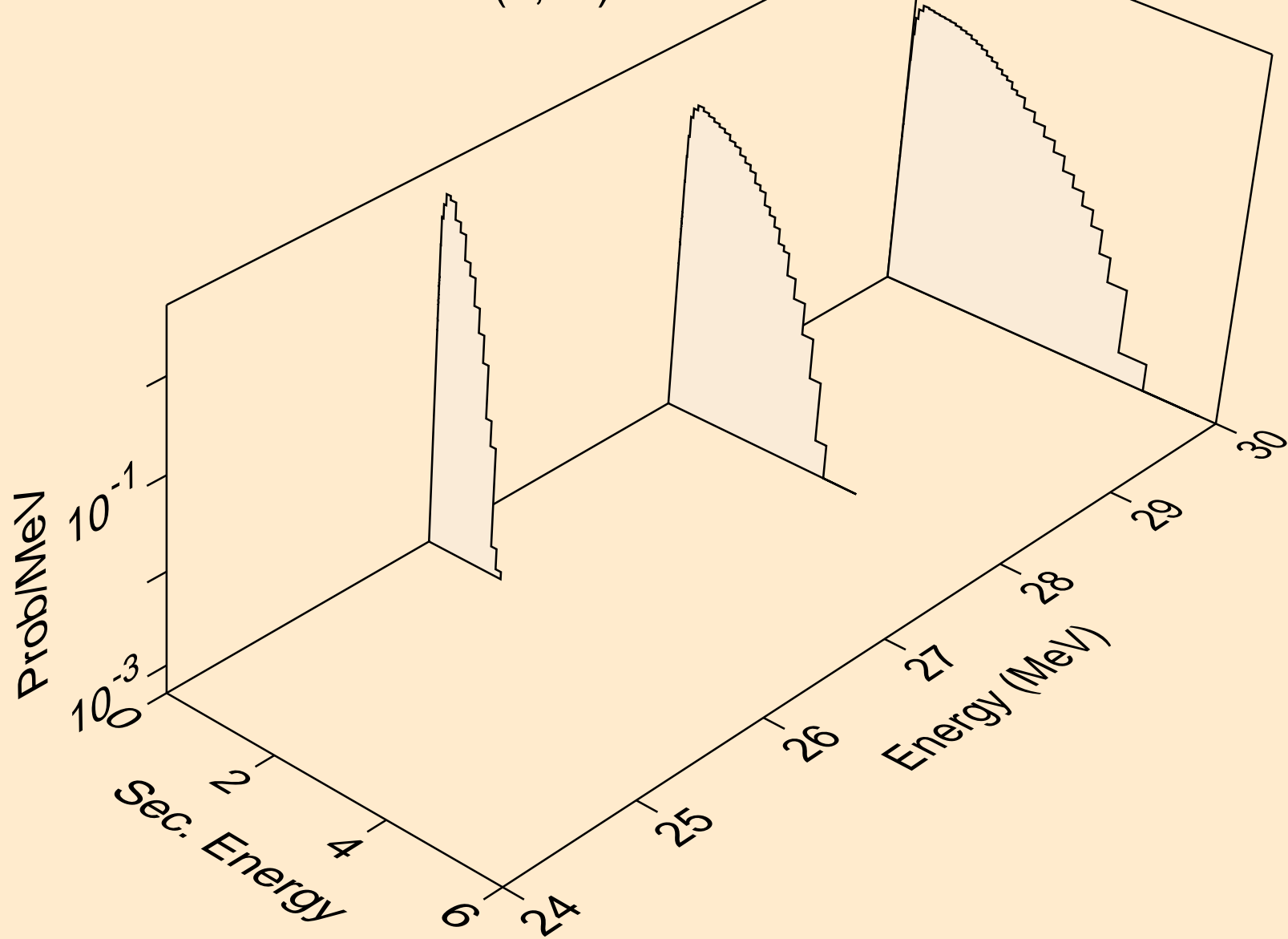
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

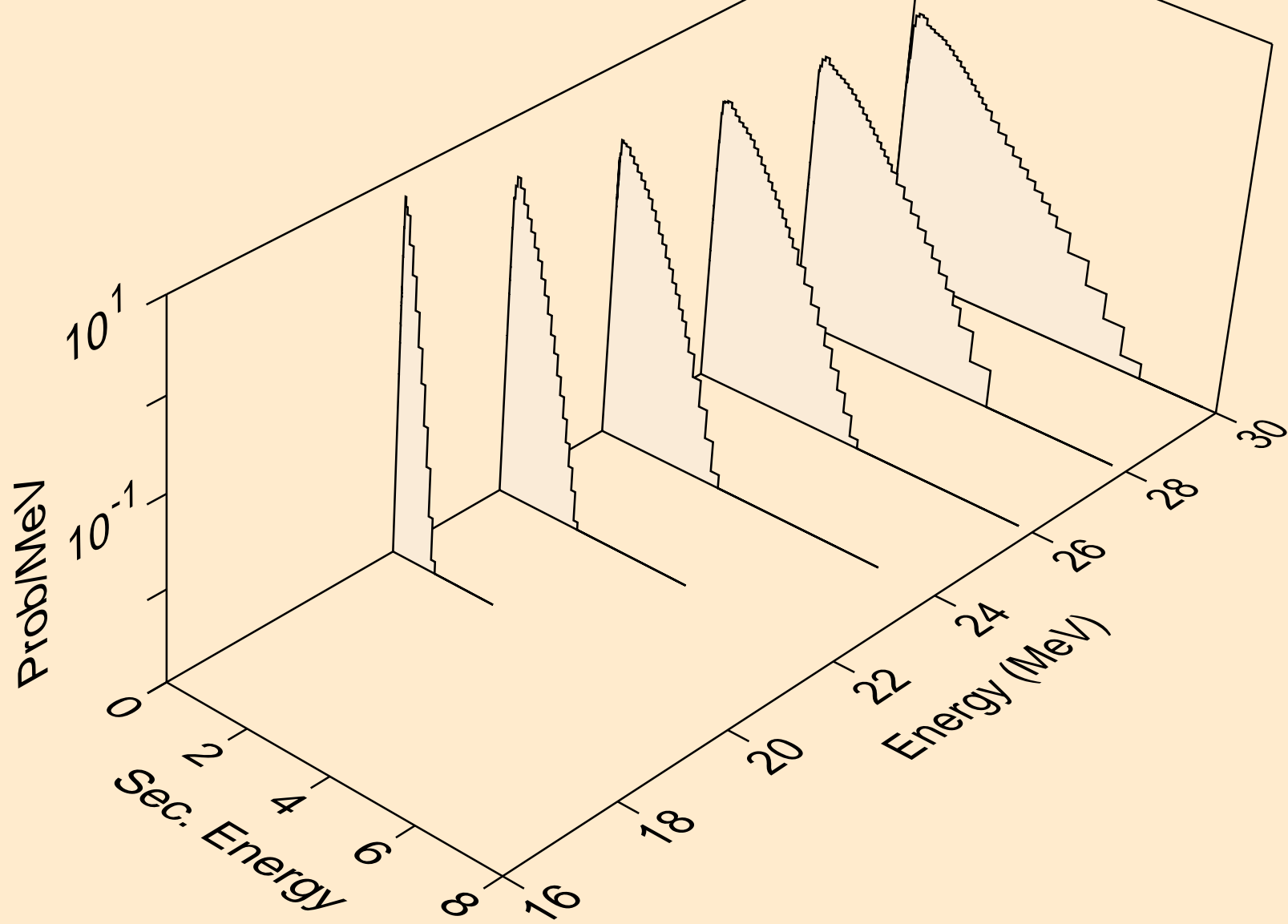


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

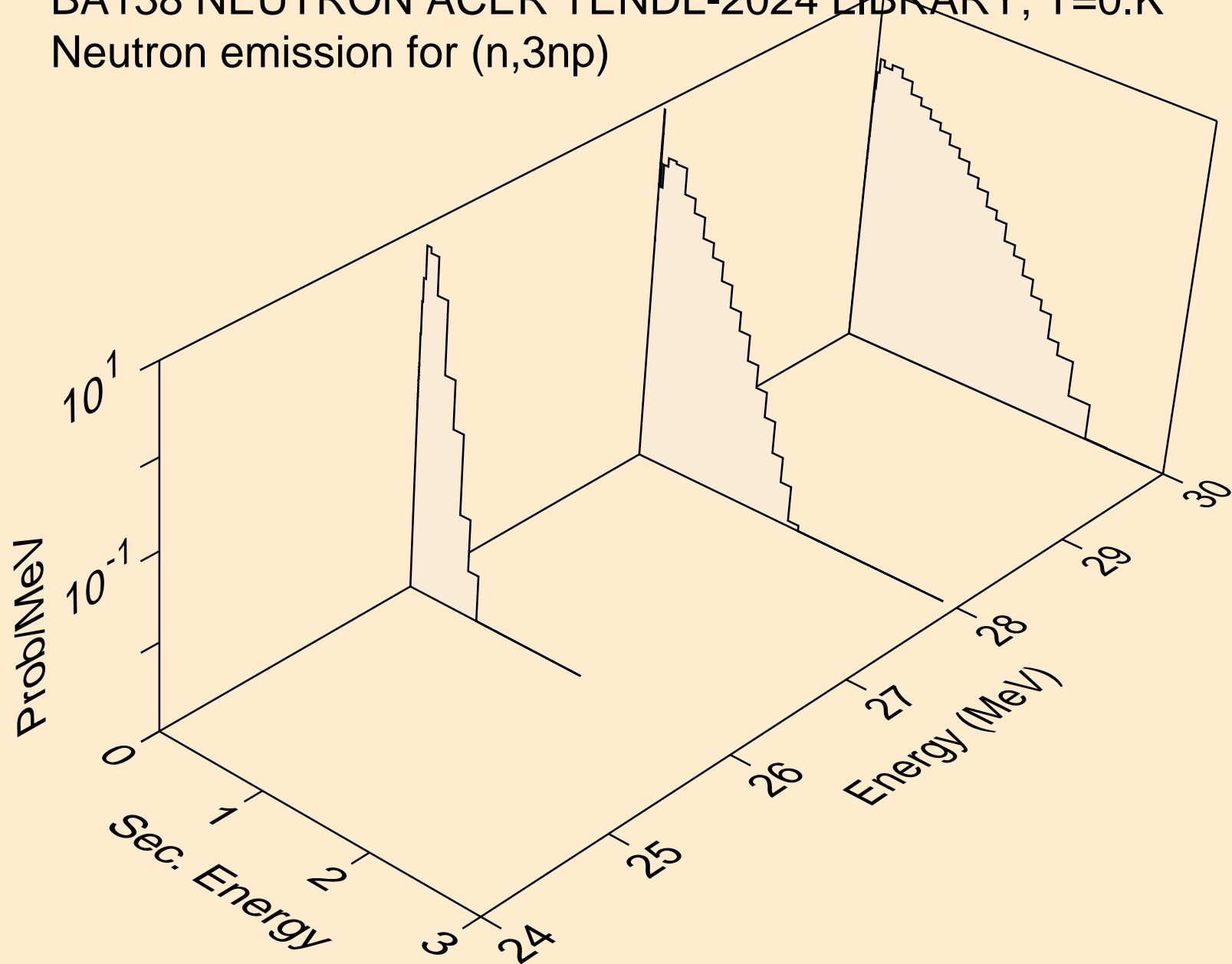




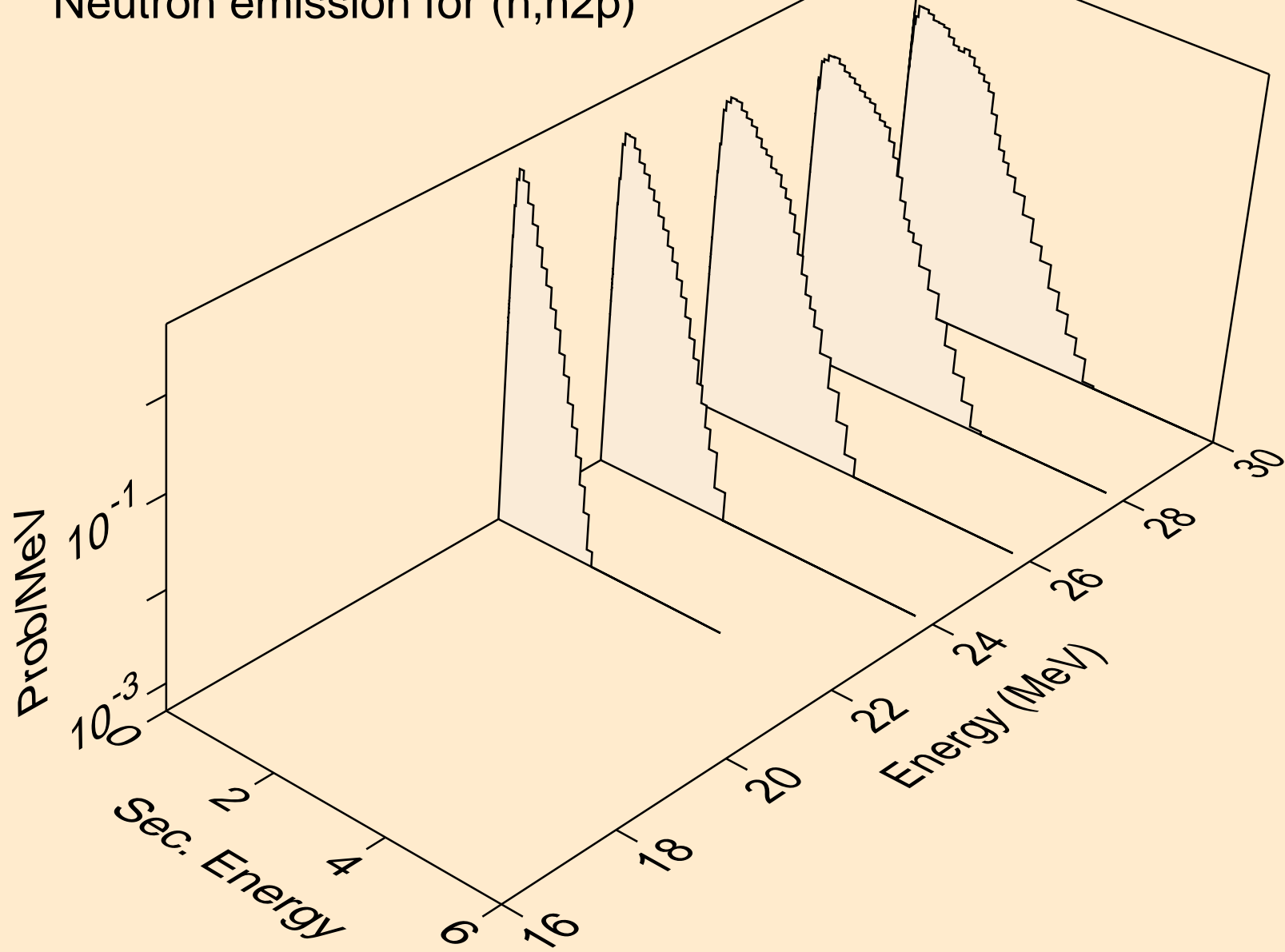
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



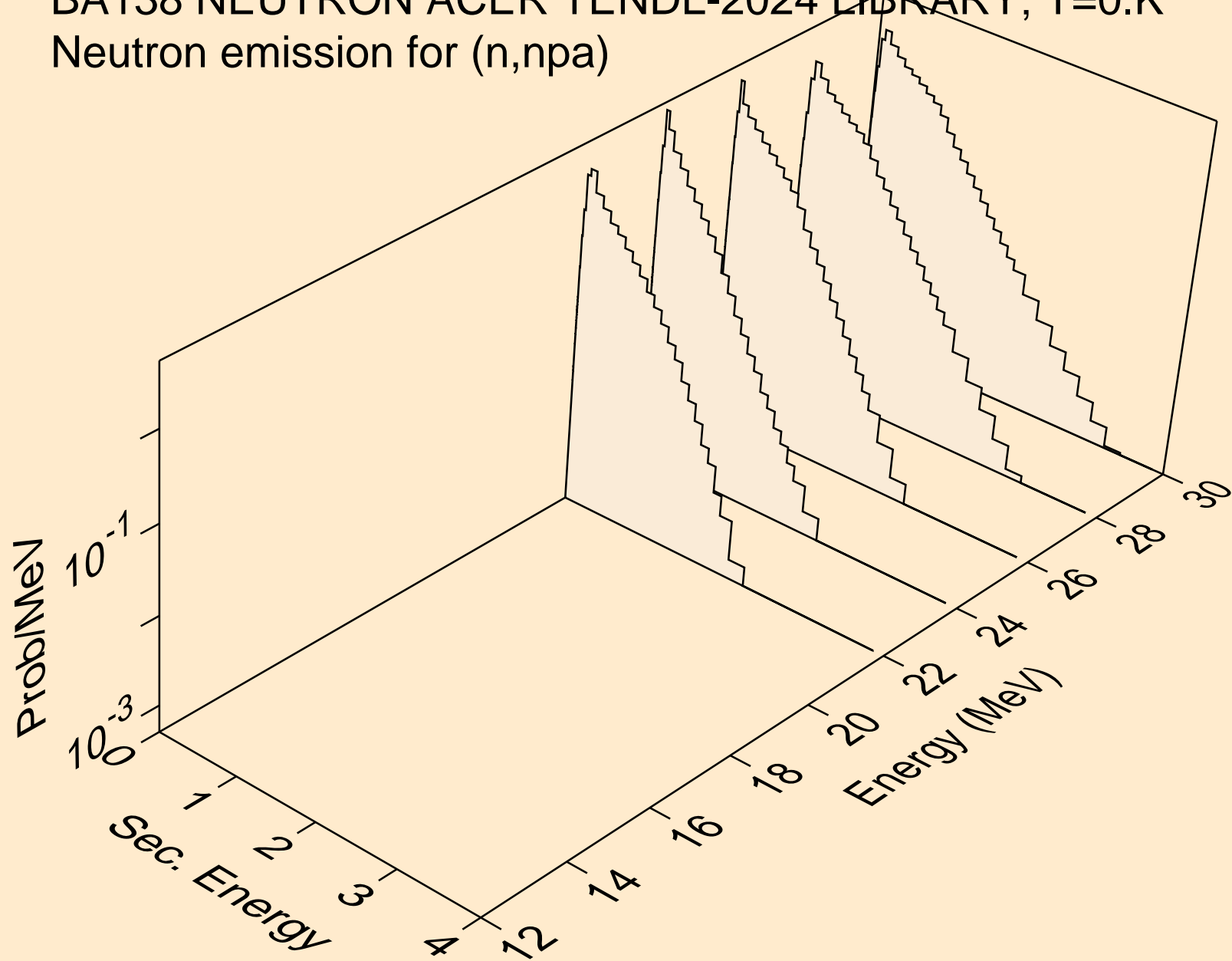
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



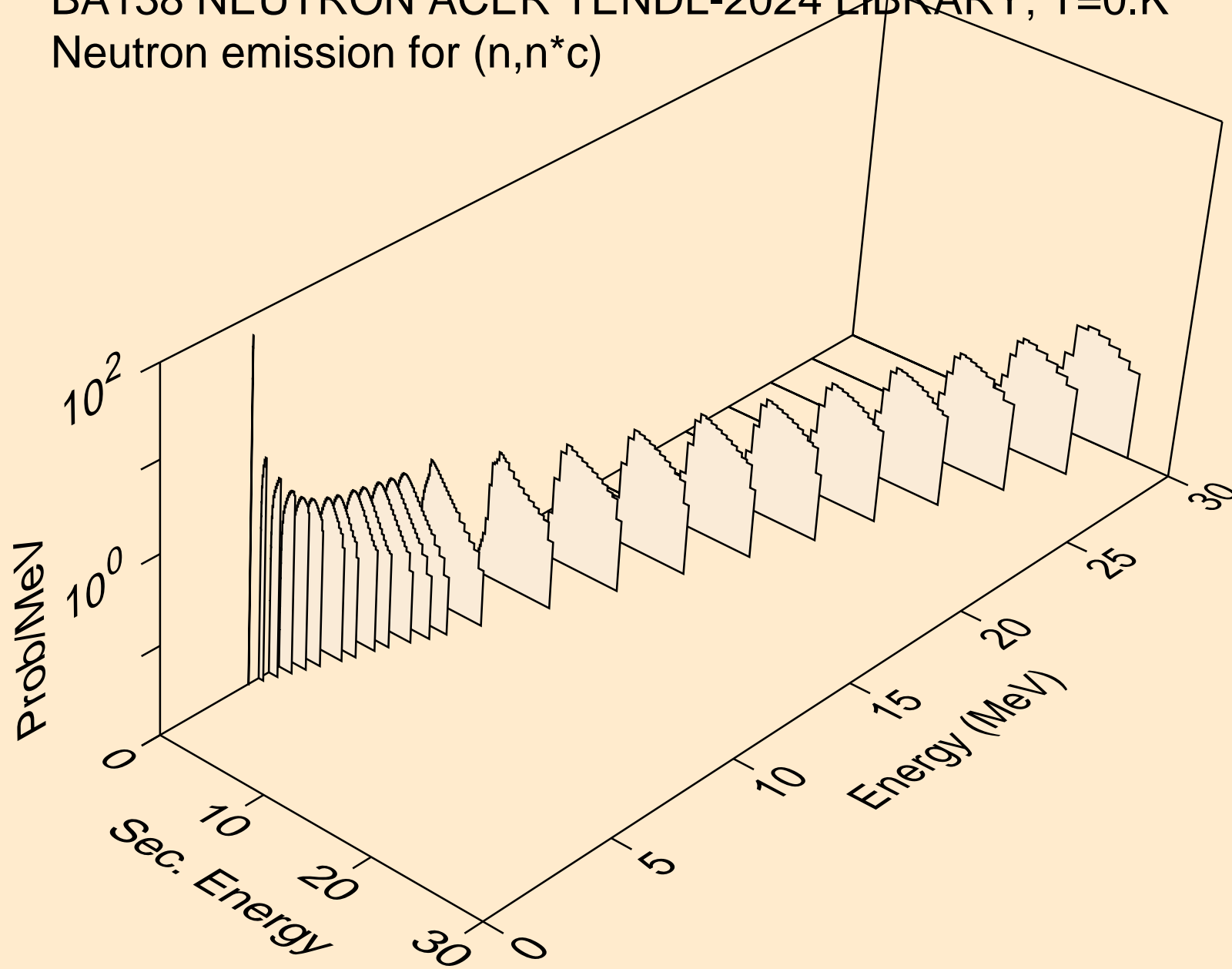
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



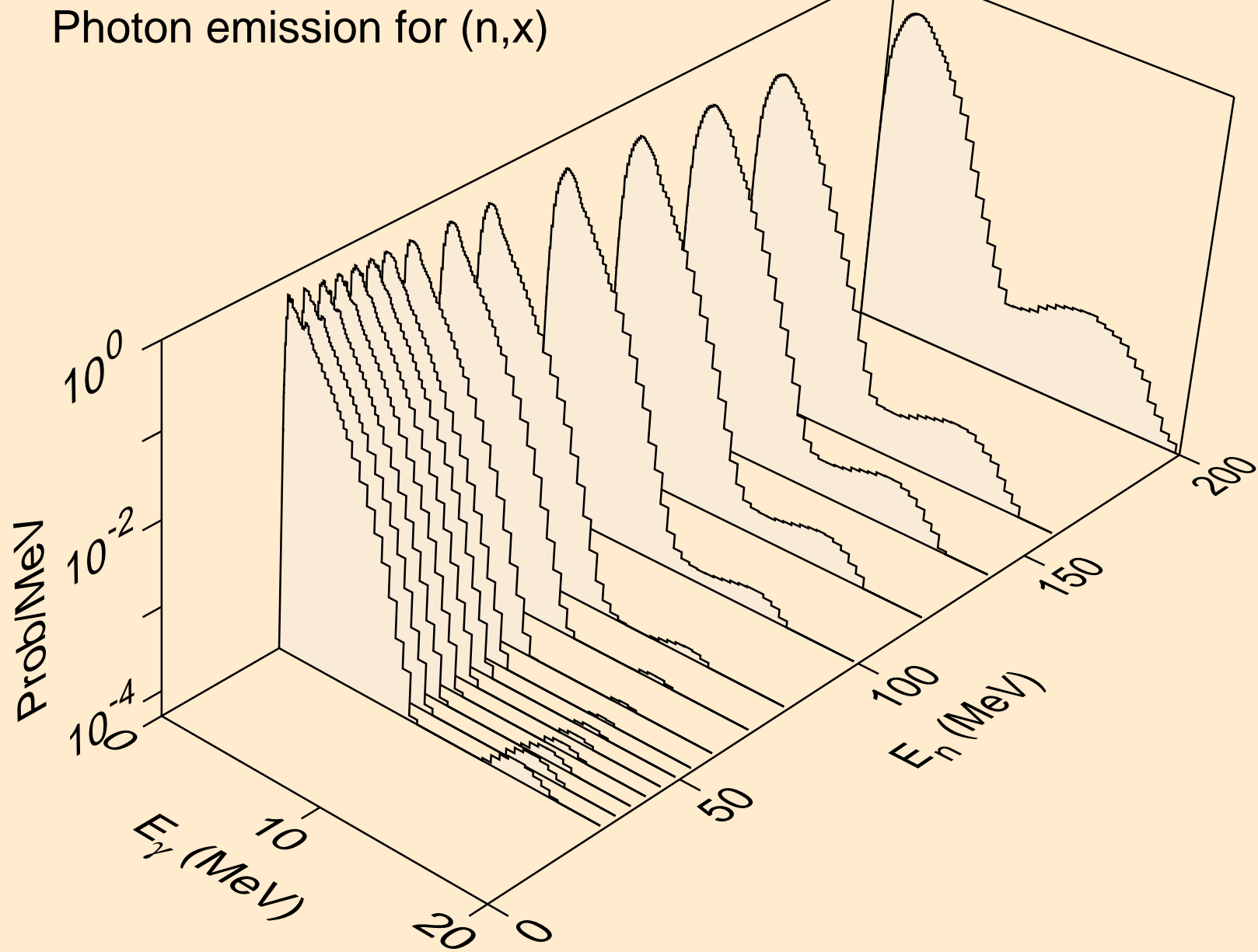
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



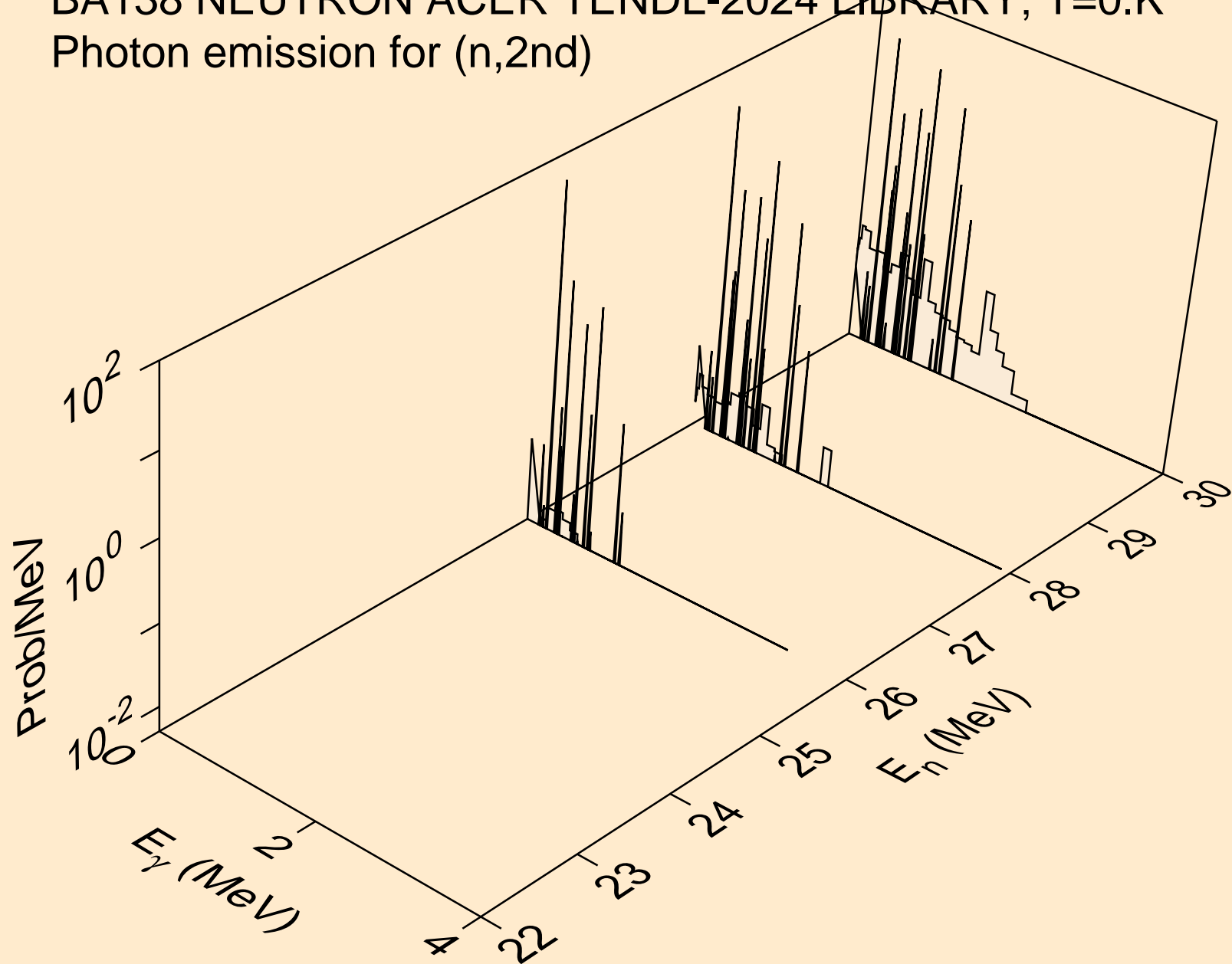
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



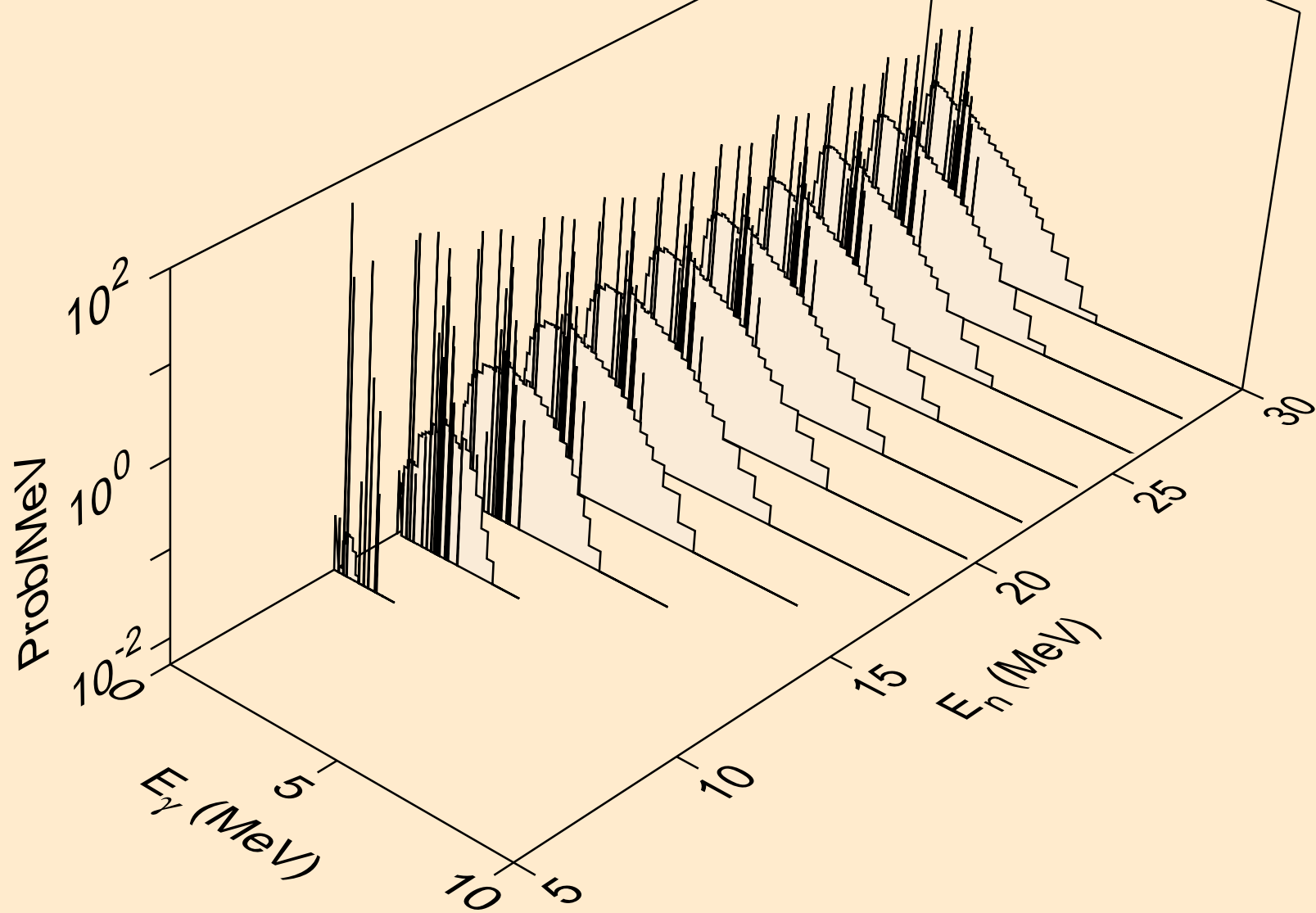
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

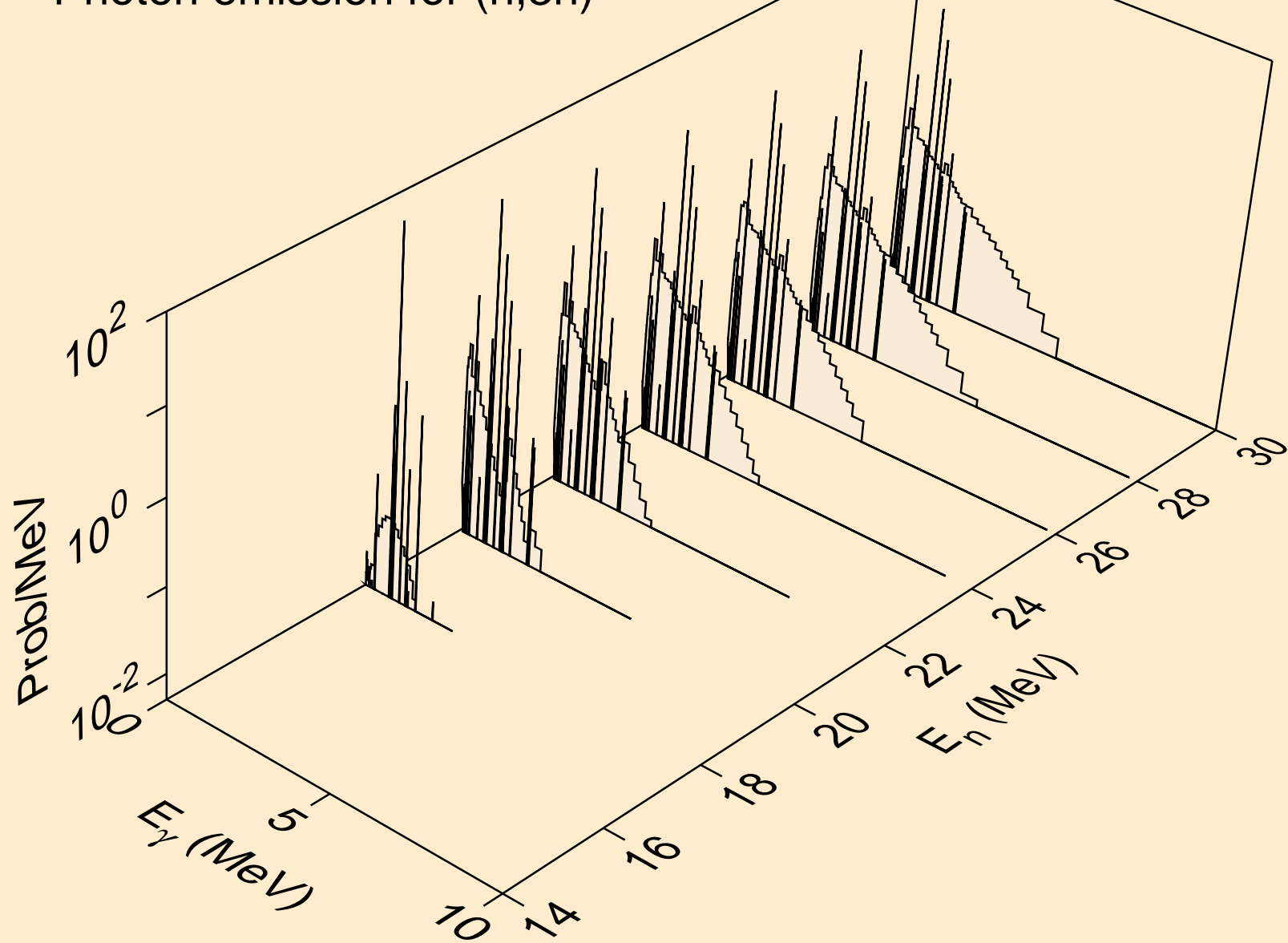


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

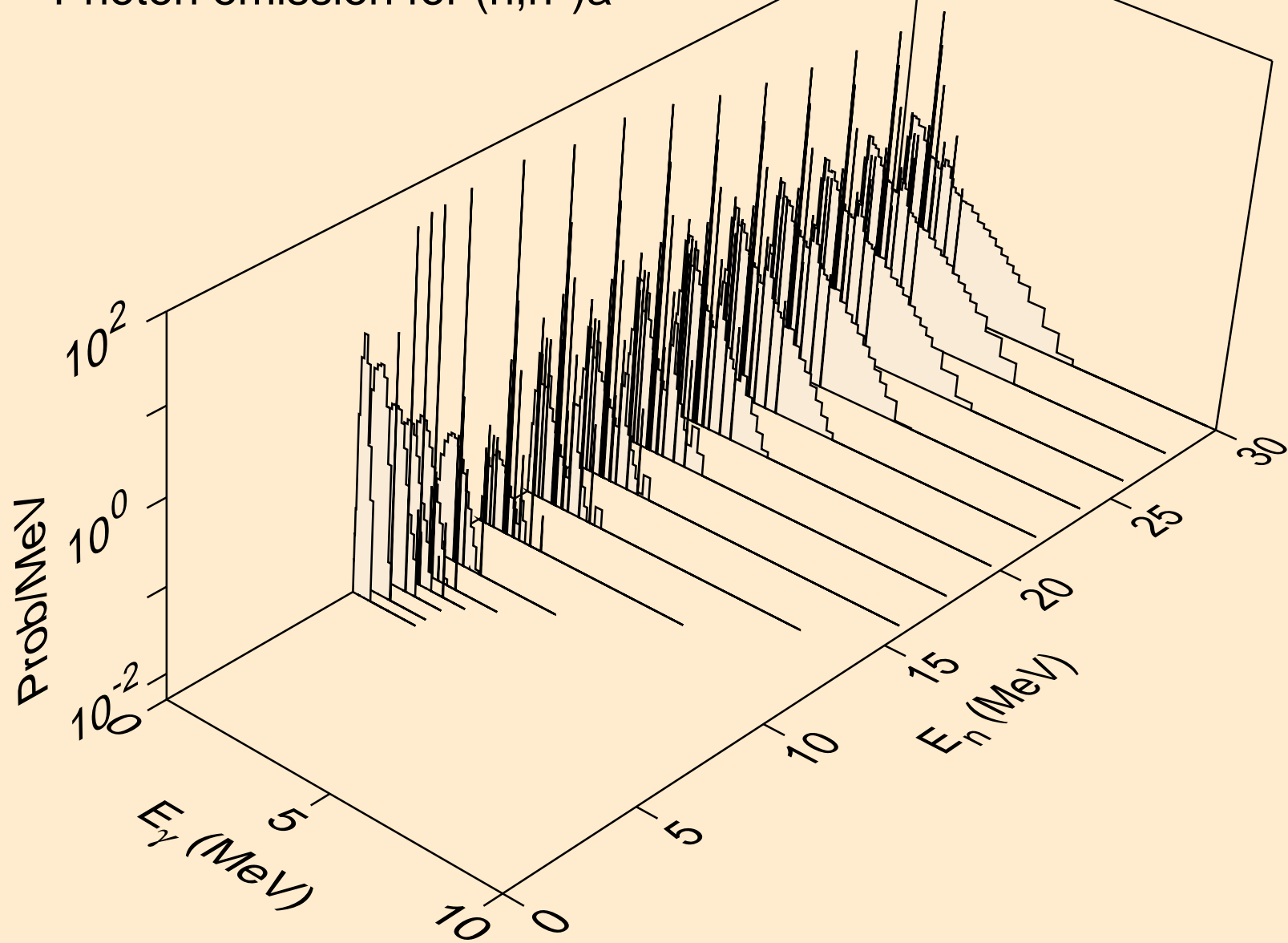




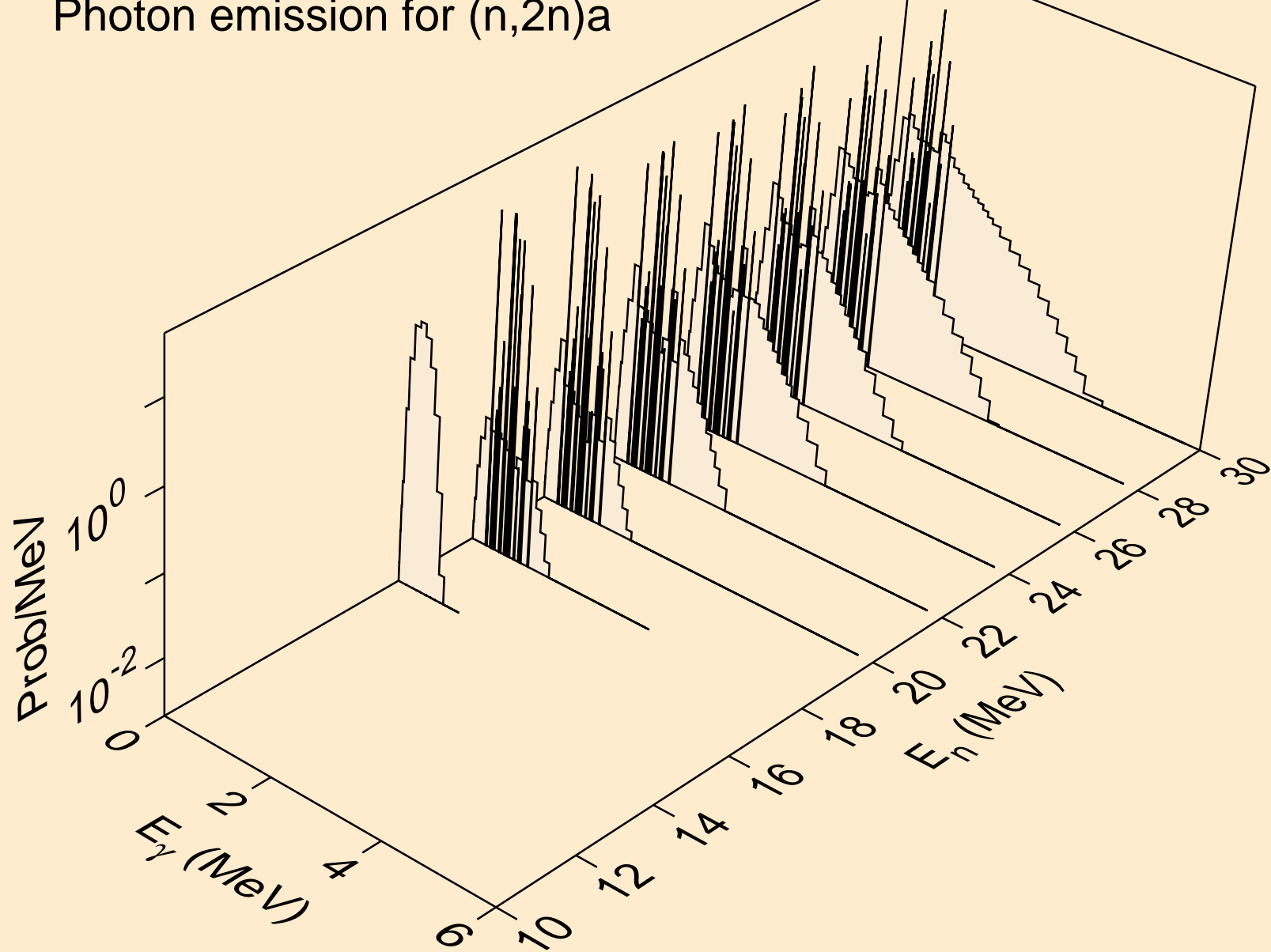
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Photon emission for (n,3n)



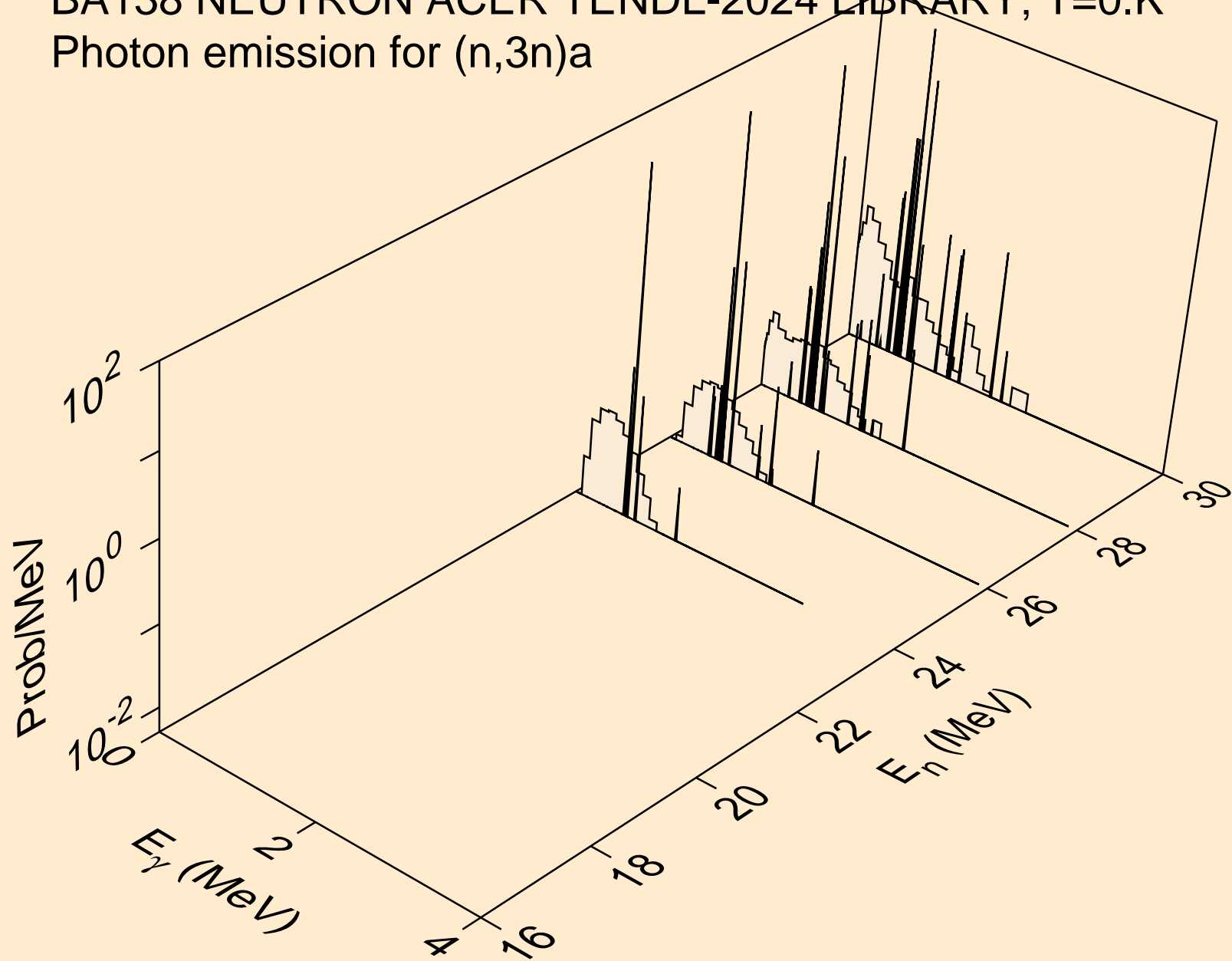
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



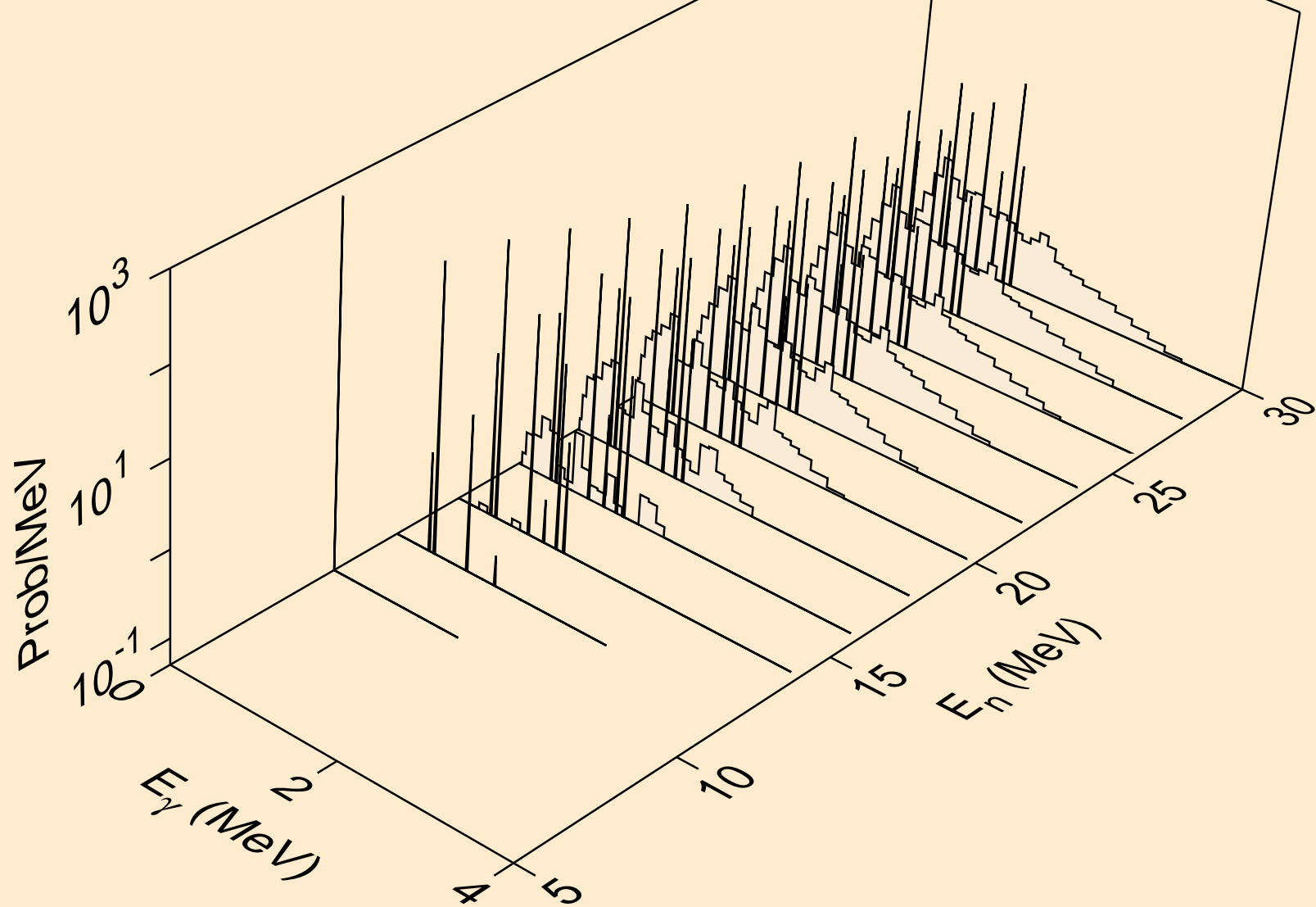
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



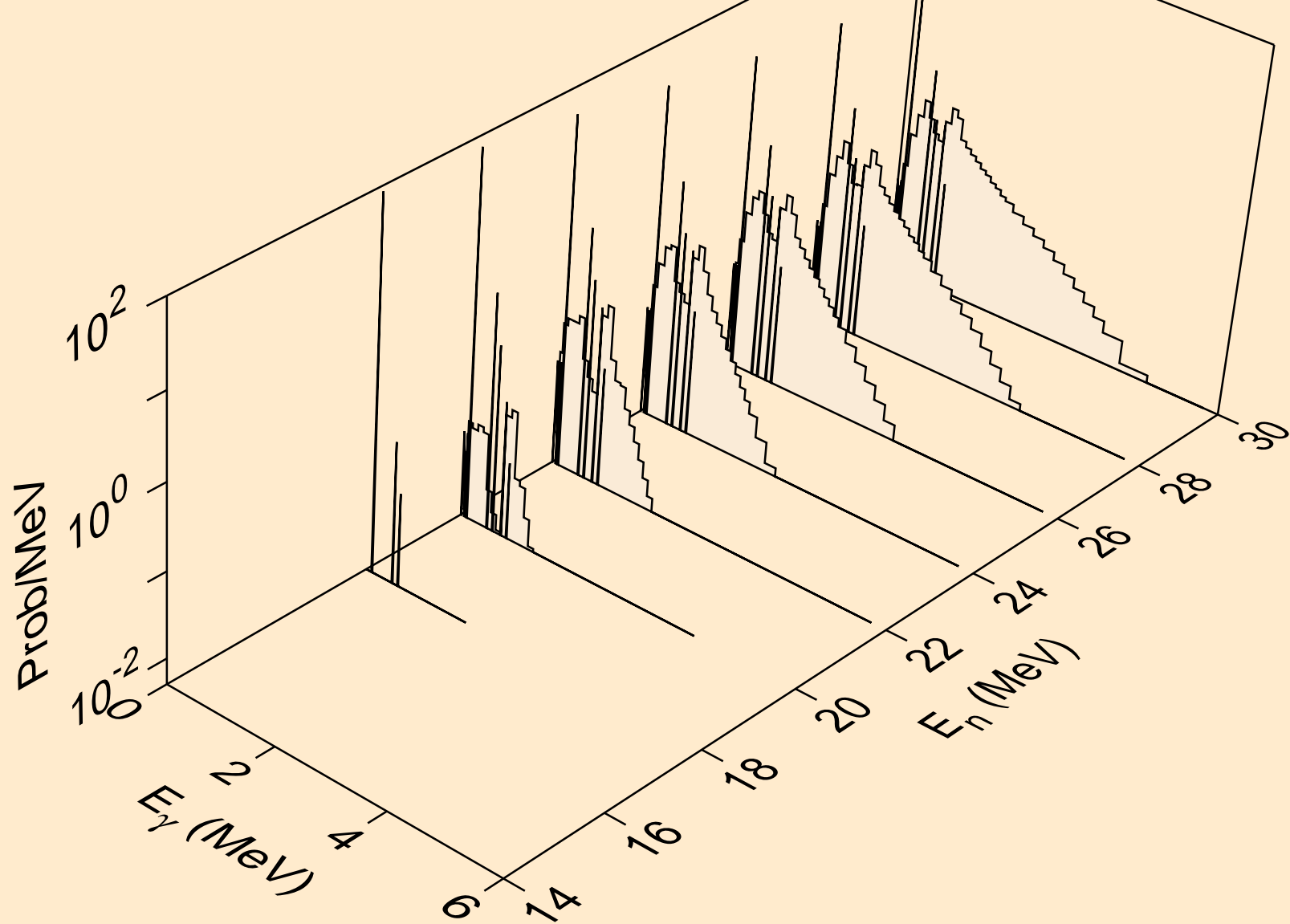
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Photon emission for (n,3n)a



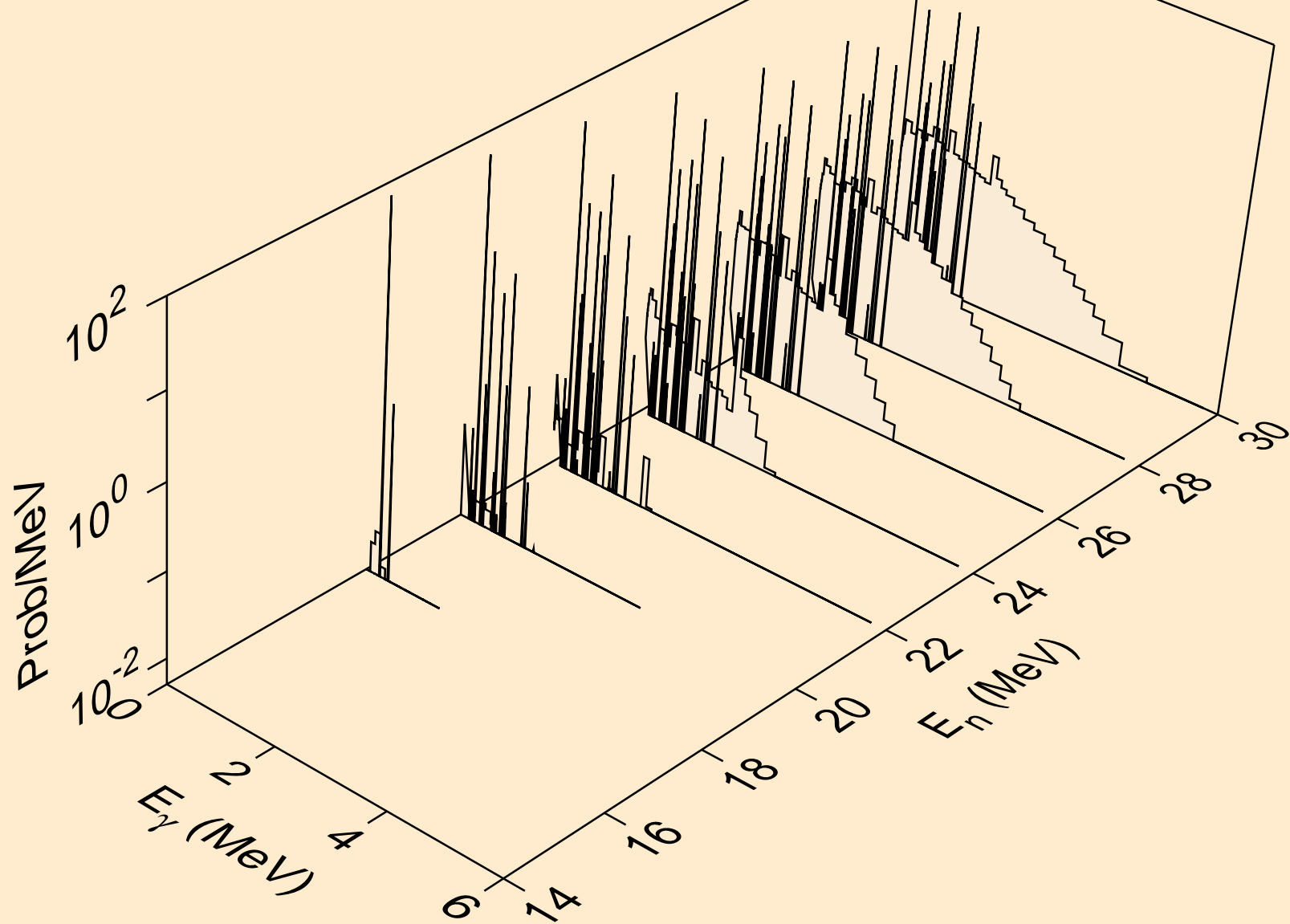
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



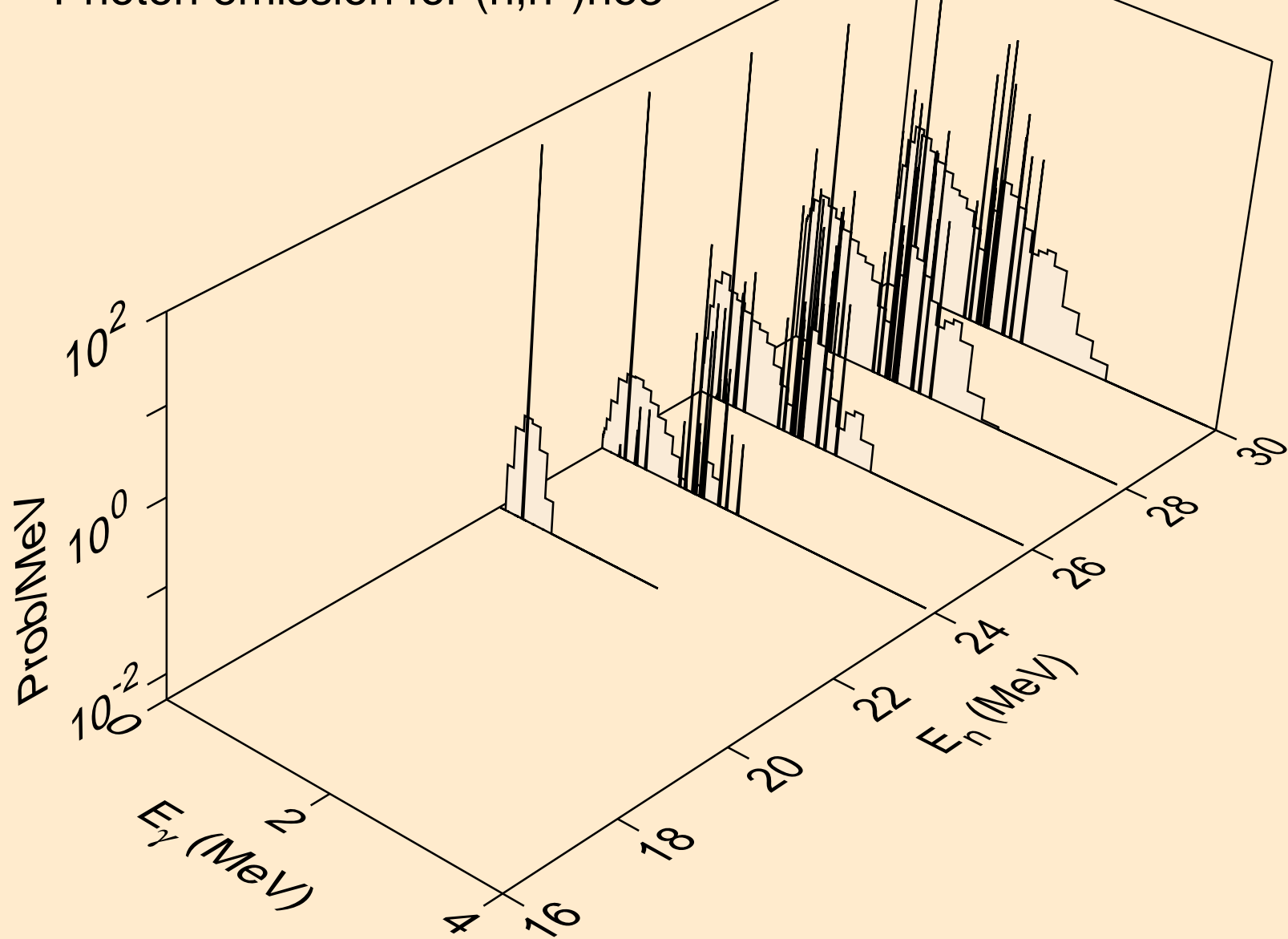
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

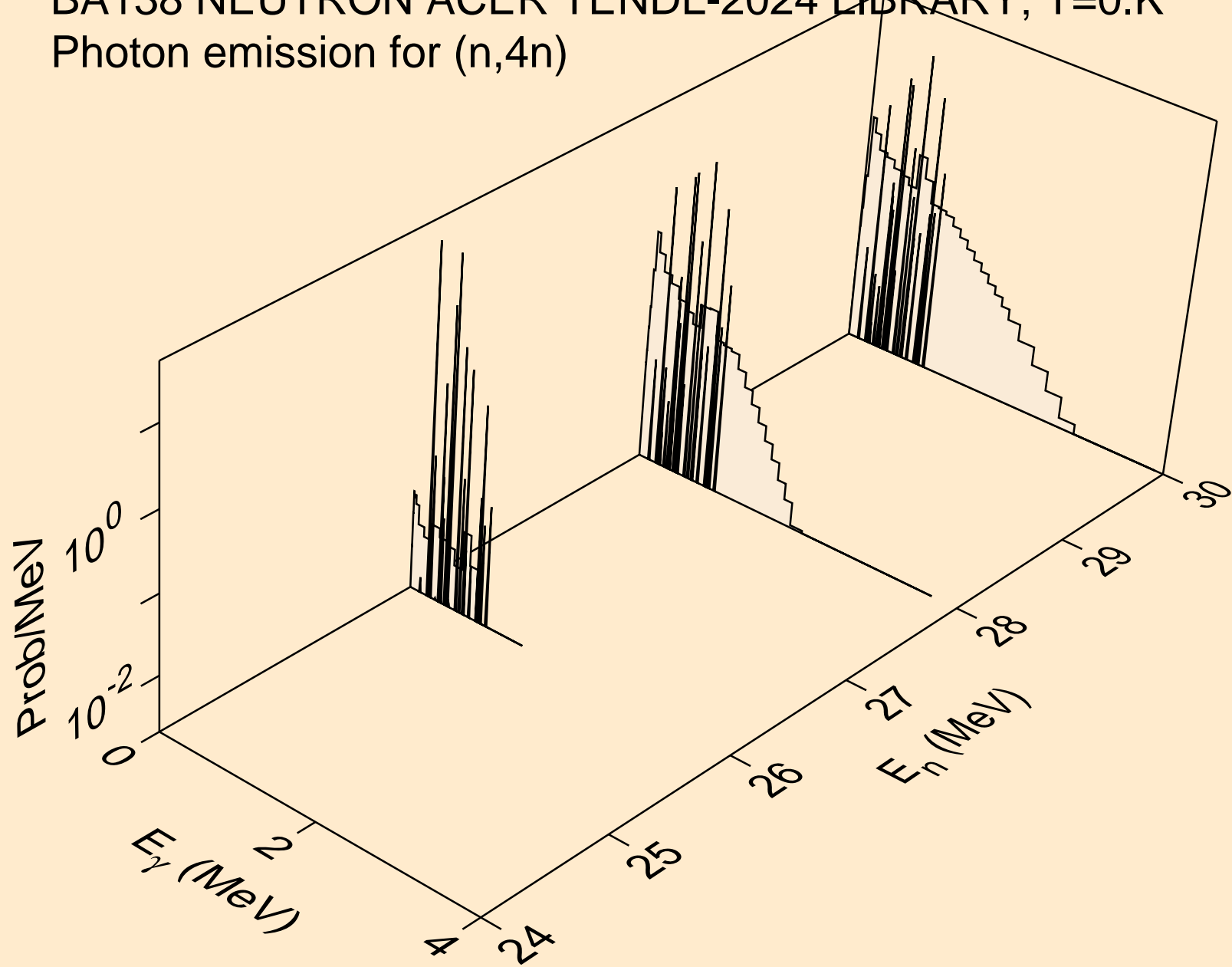


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

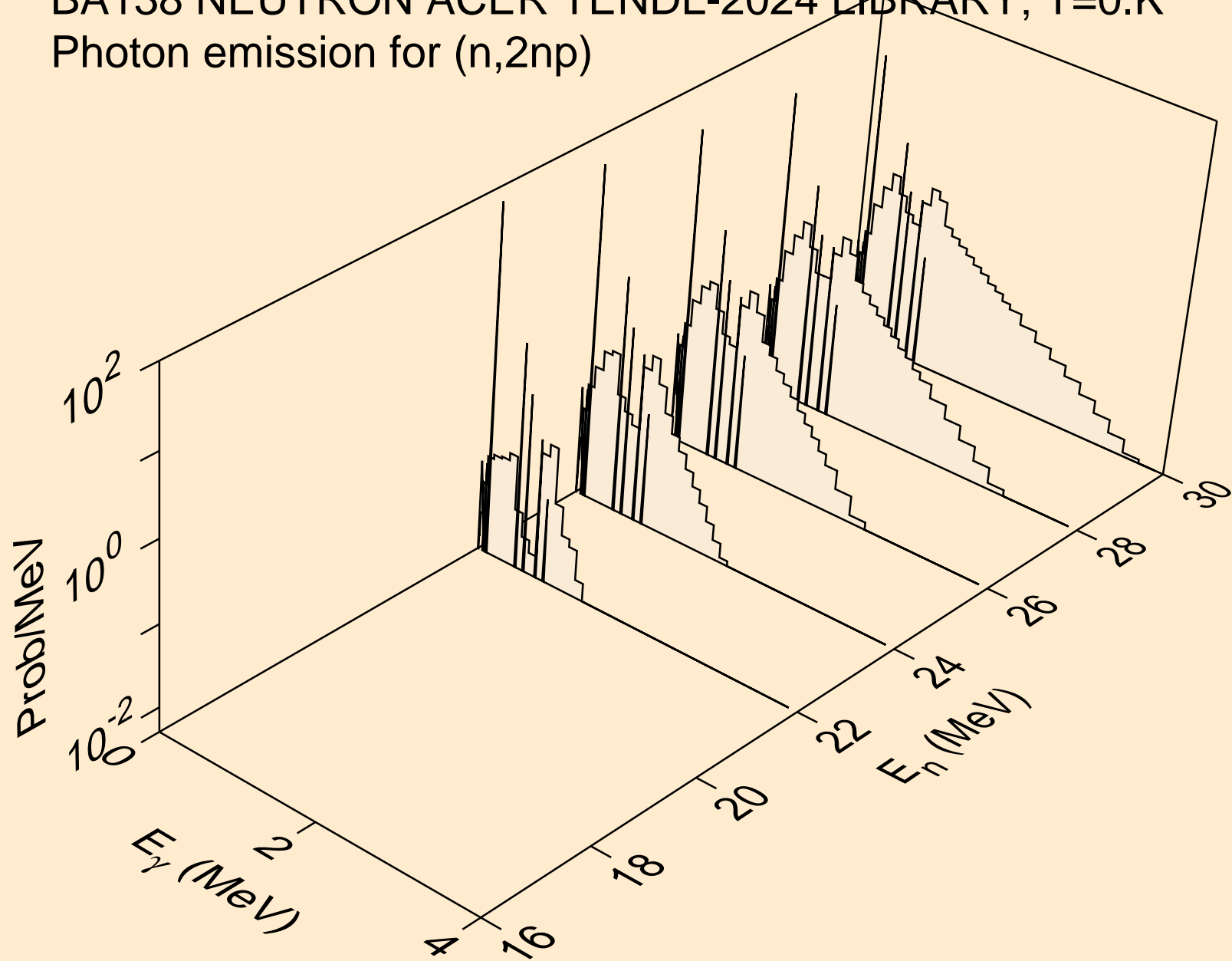




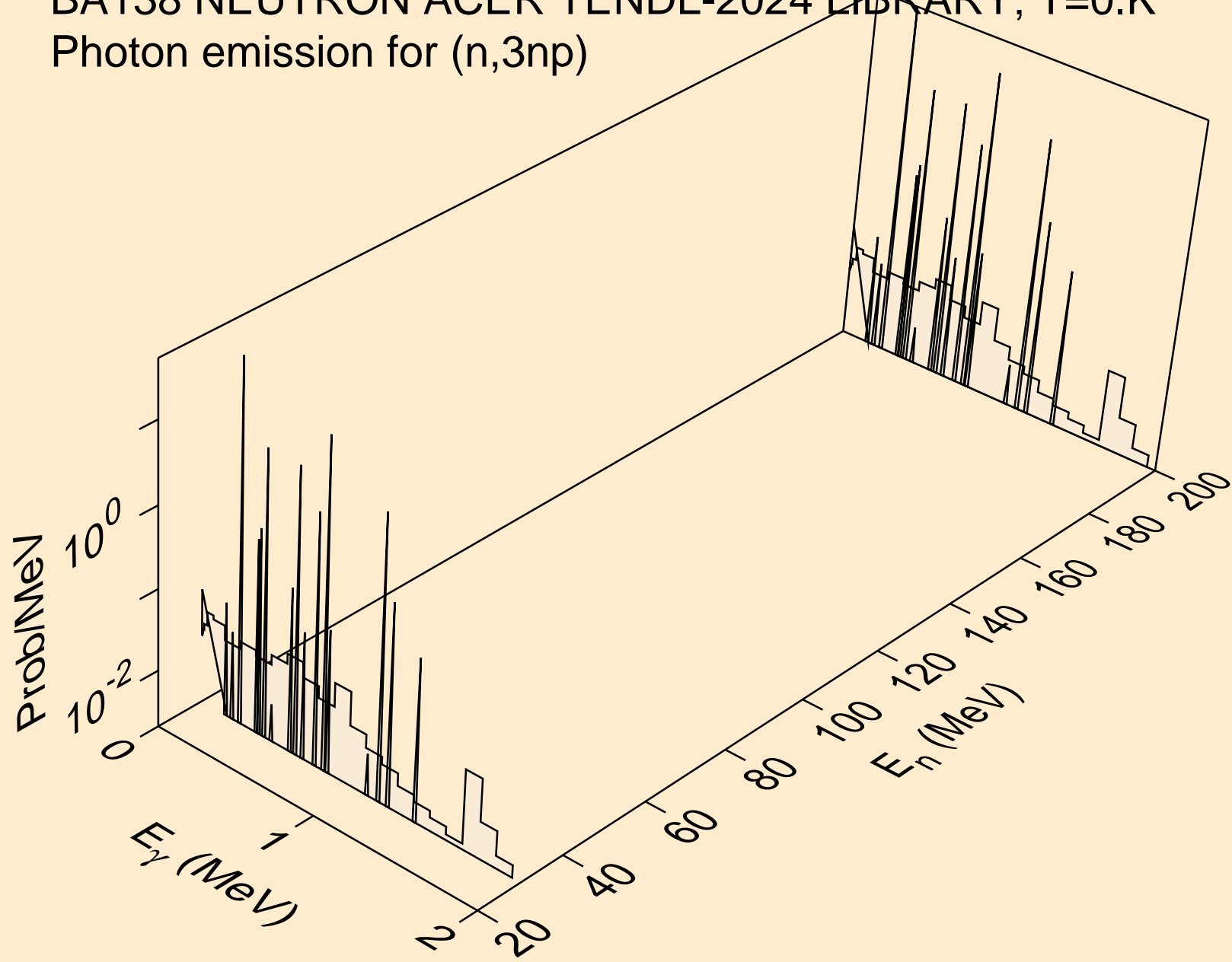
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



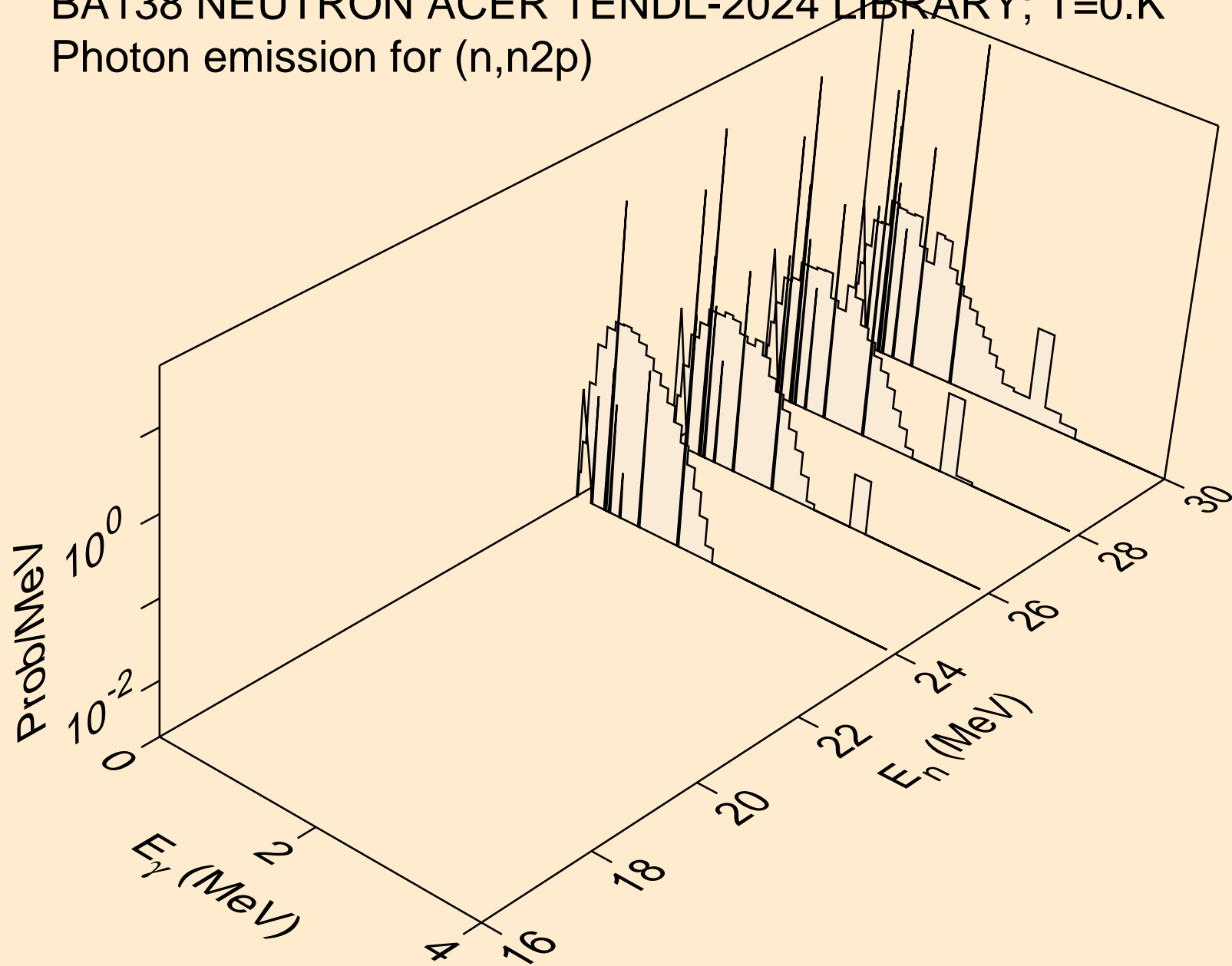
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



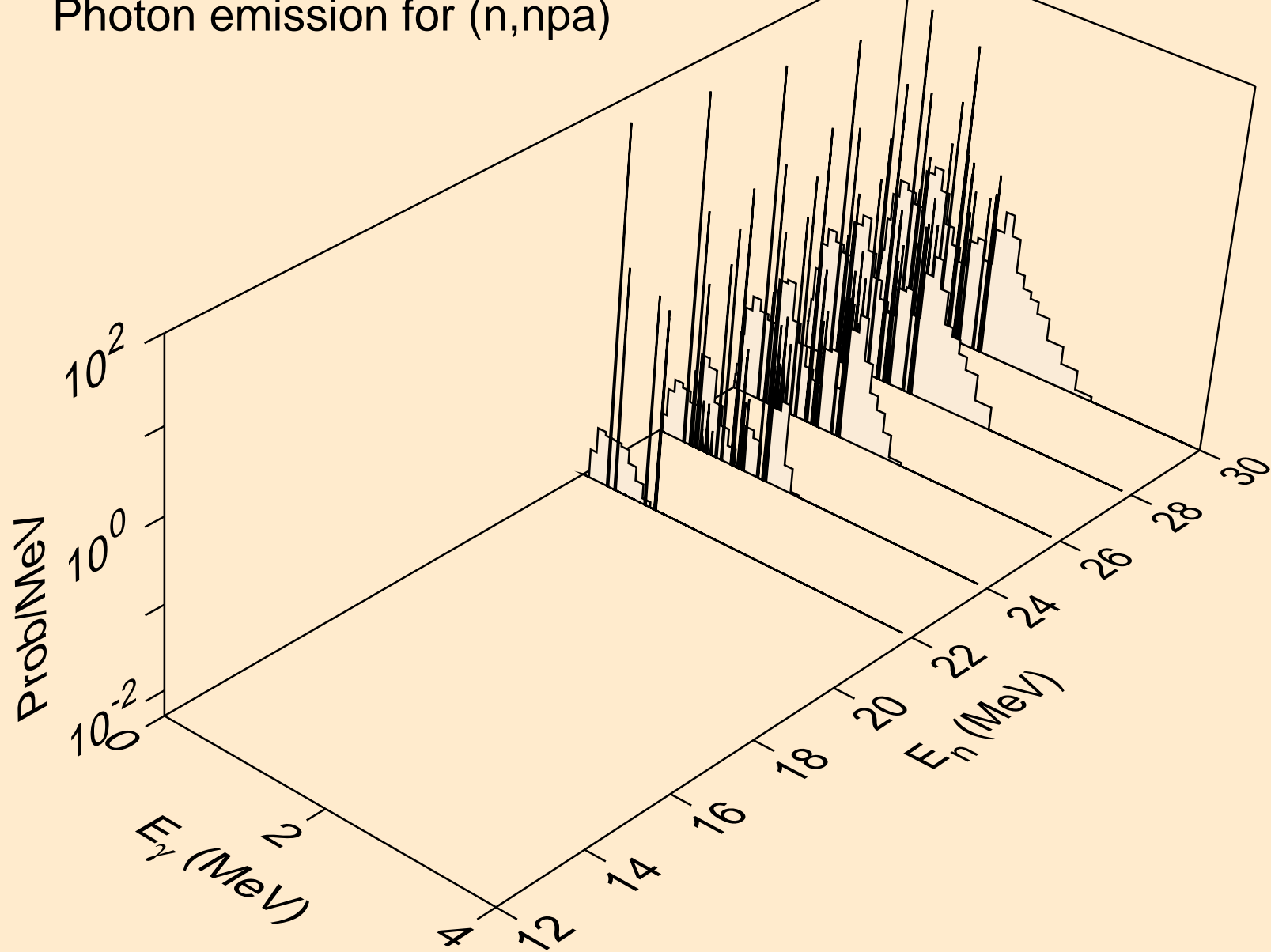
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



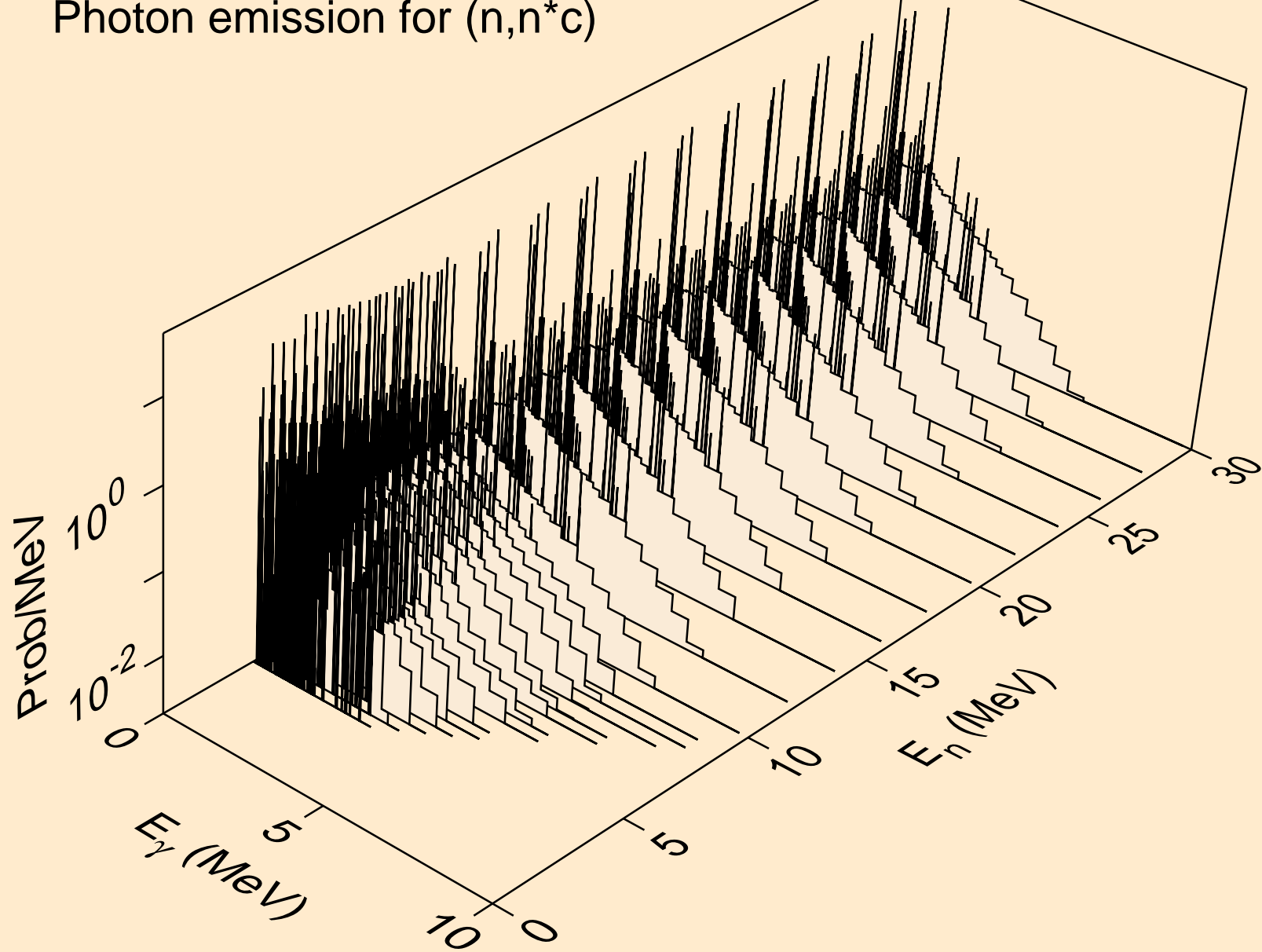
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Photon emission for (n,n2p)



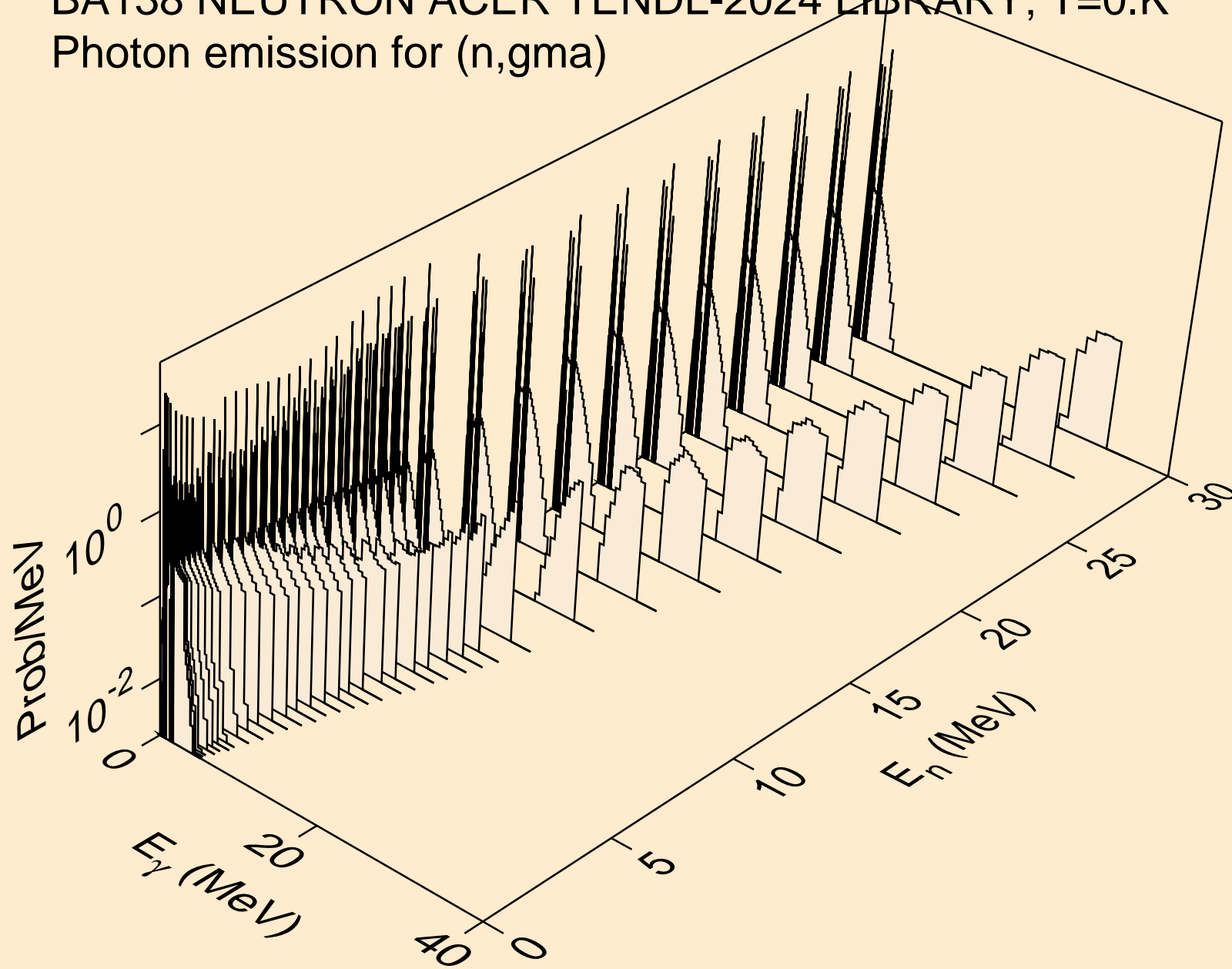
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



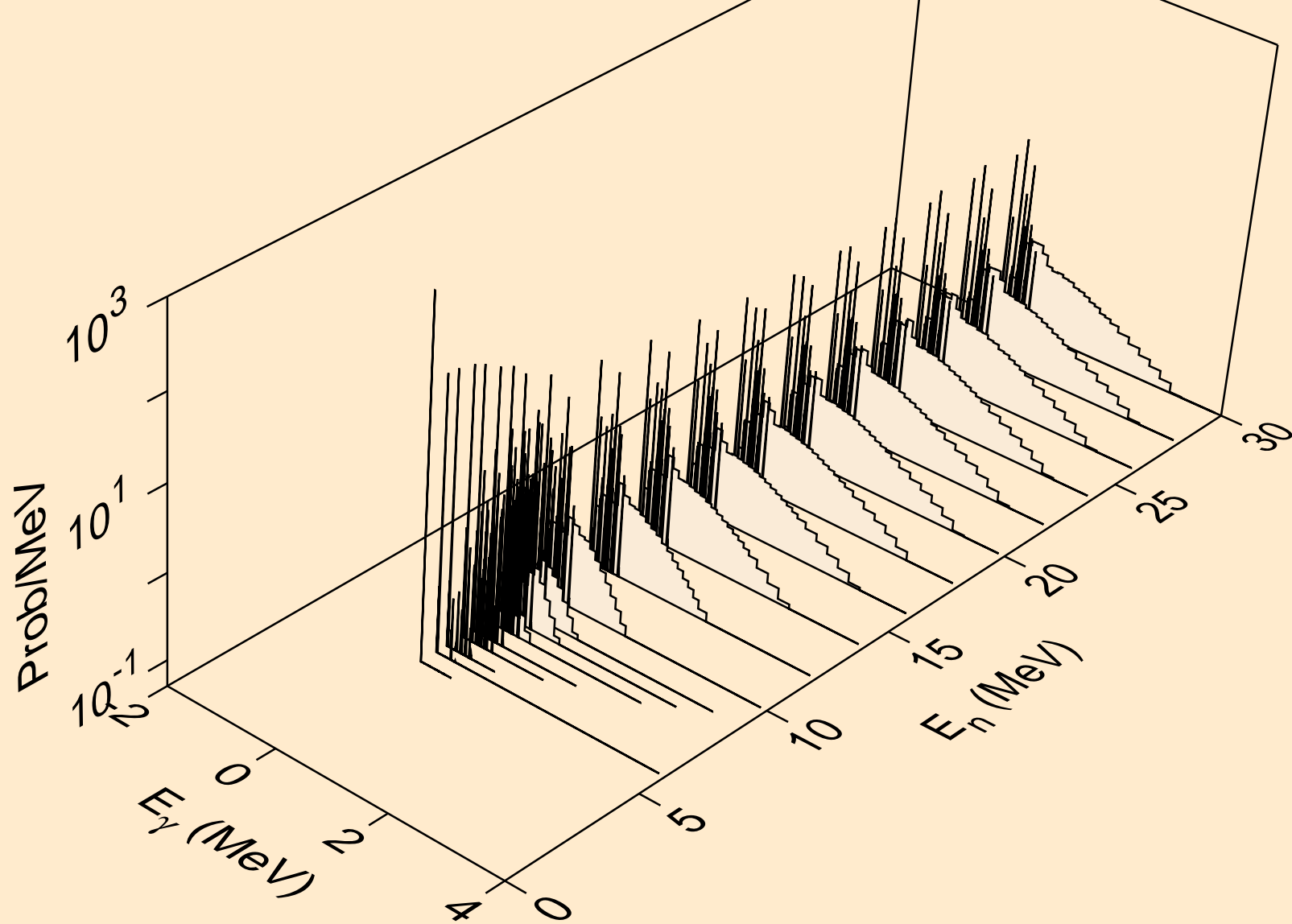
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

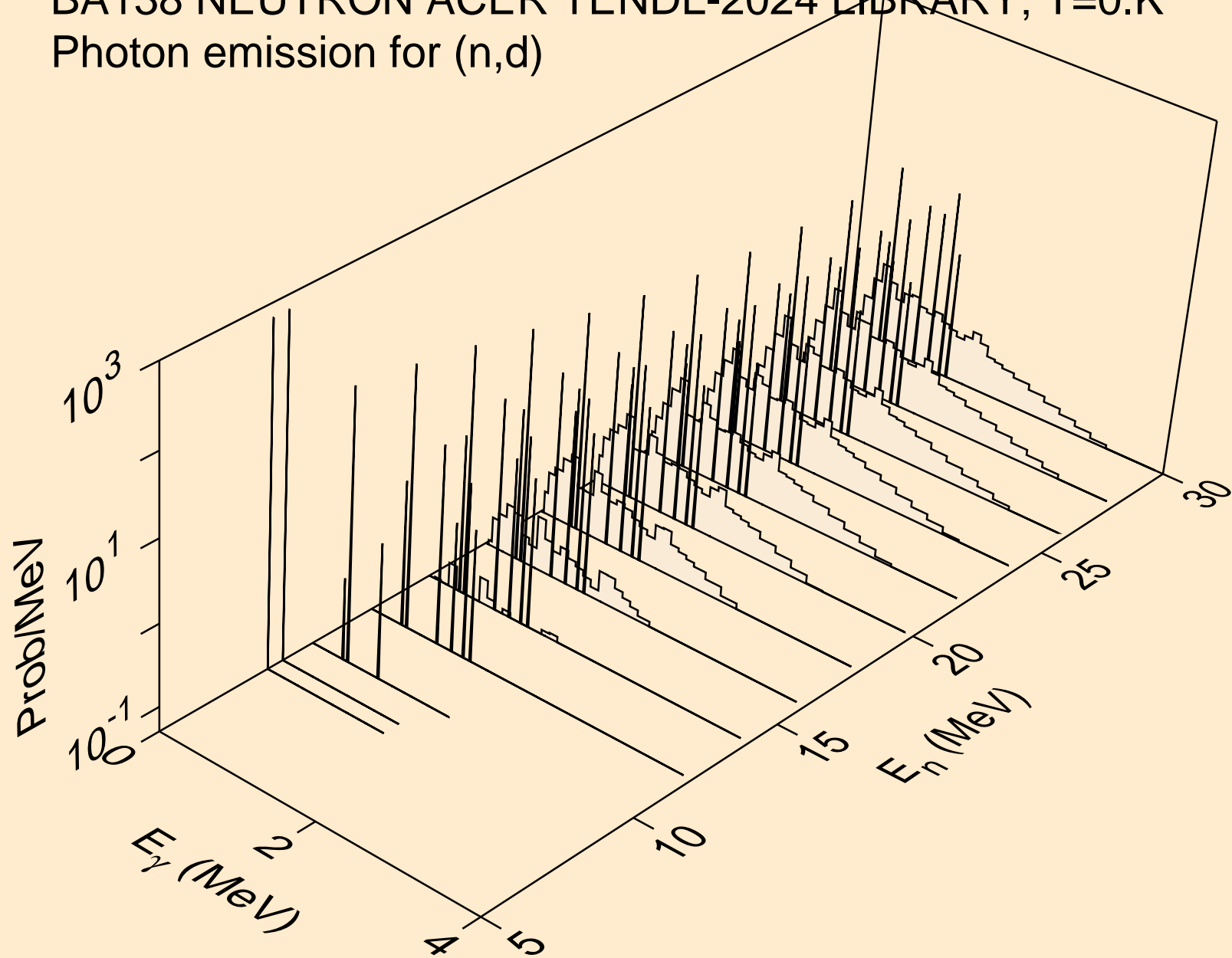


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

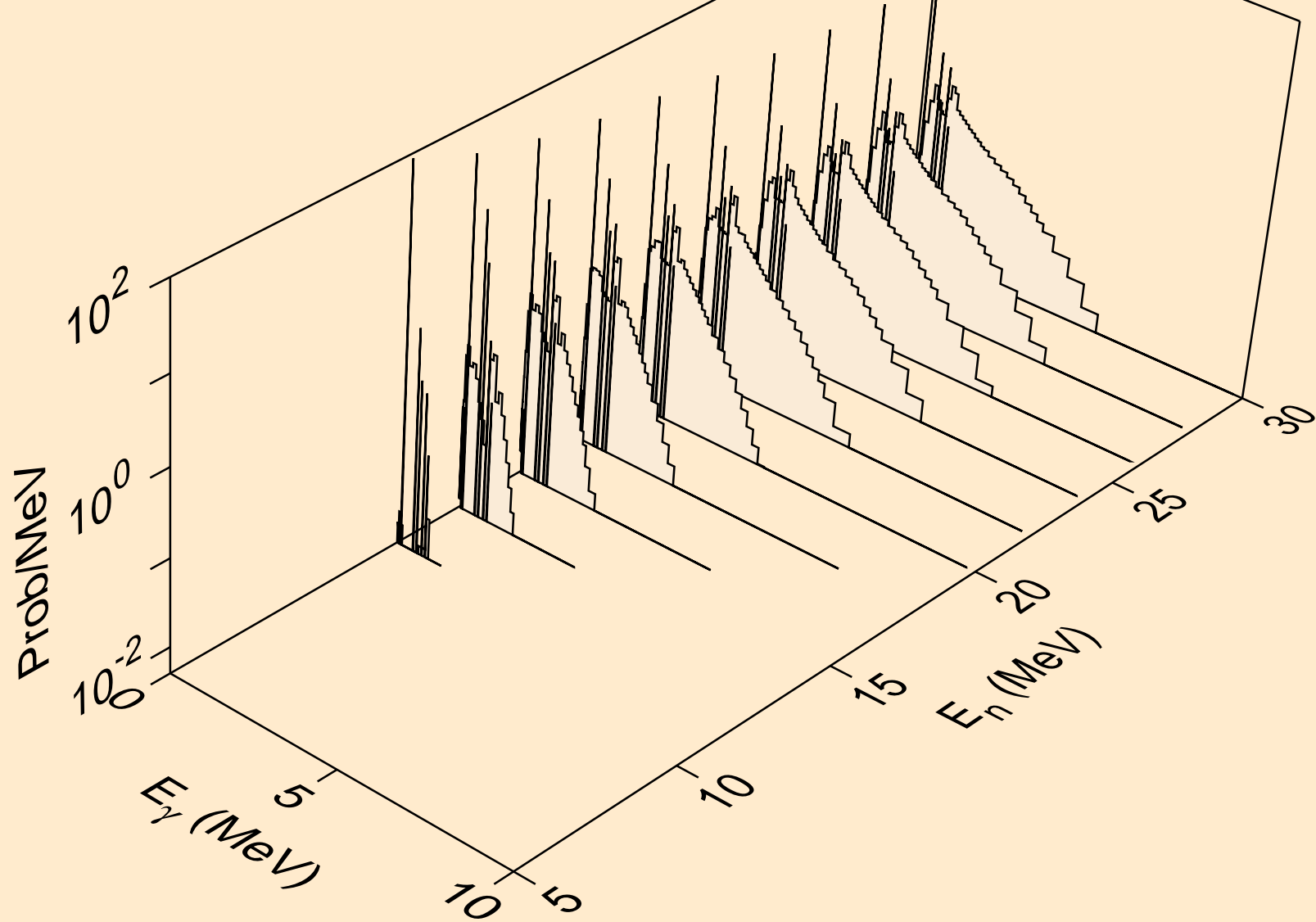




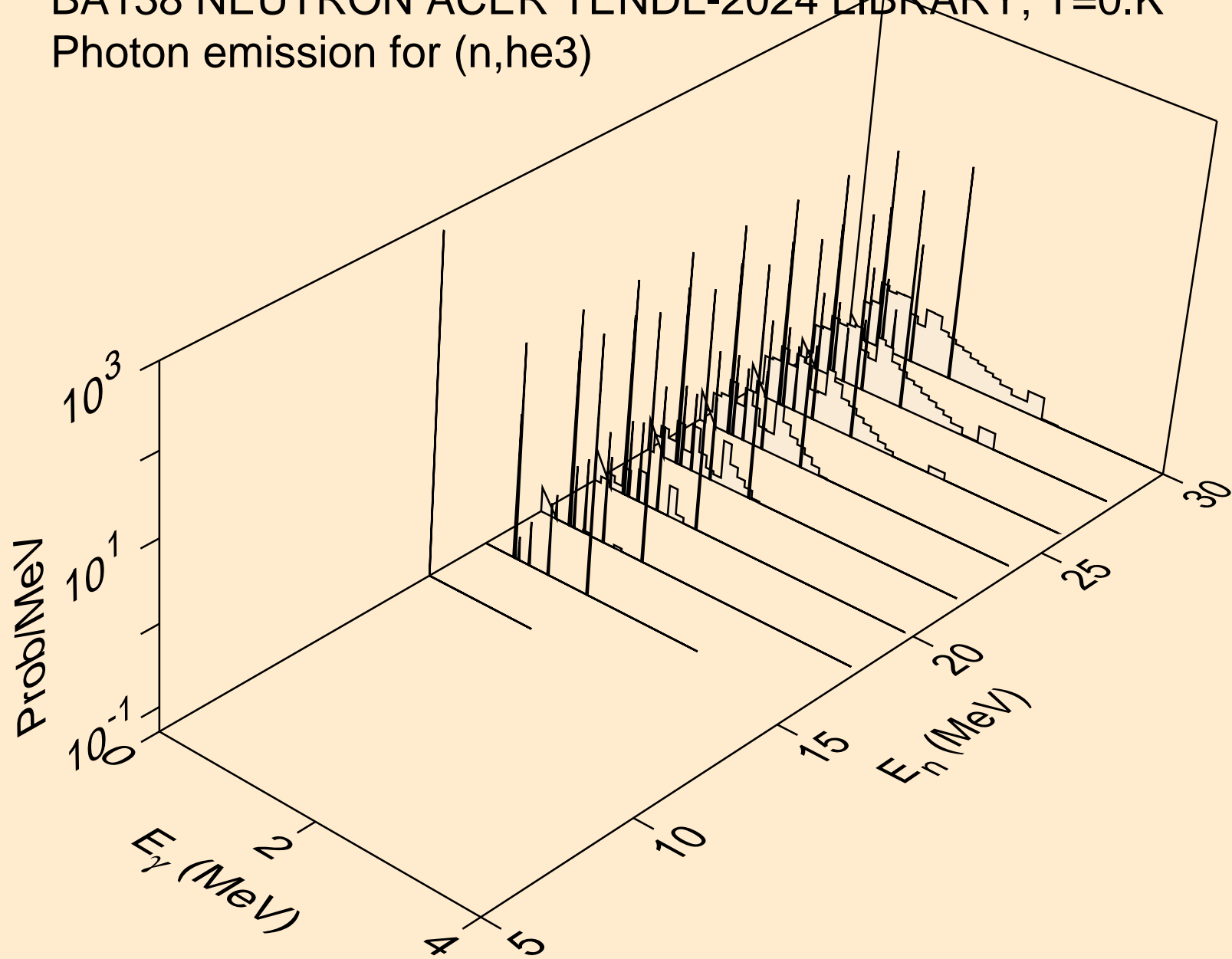
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



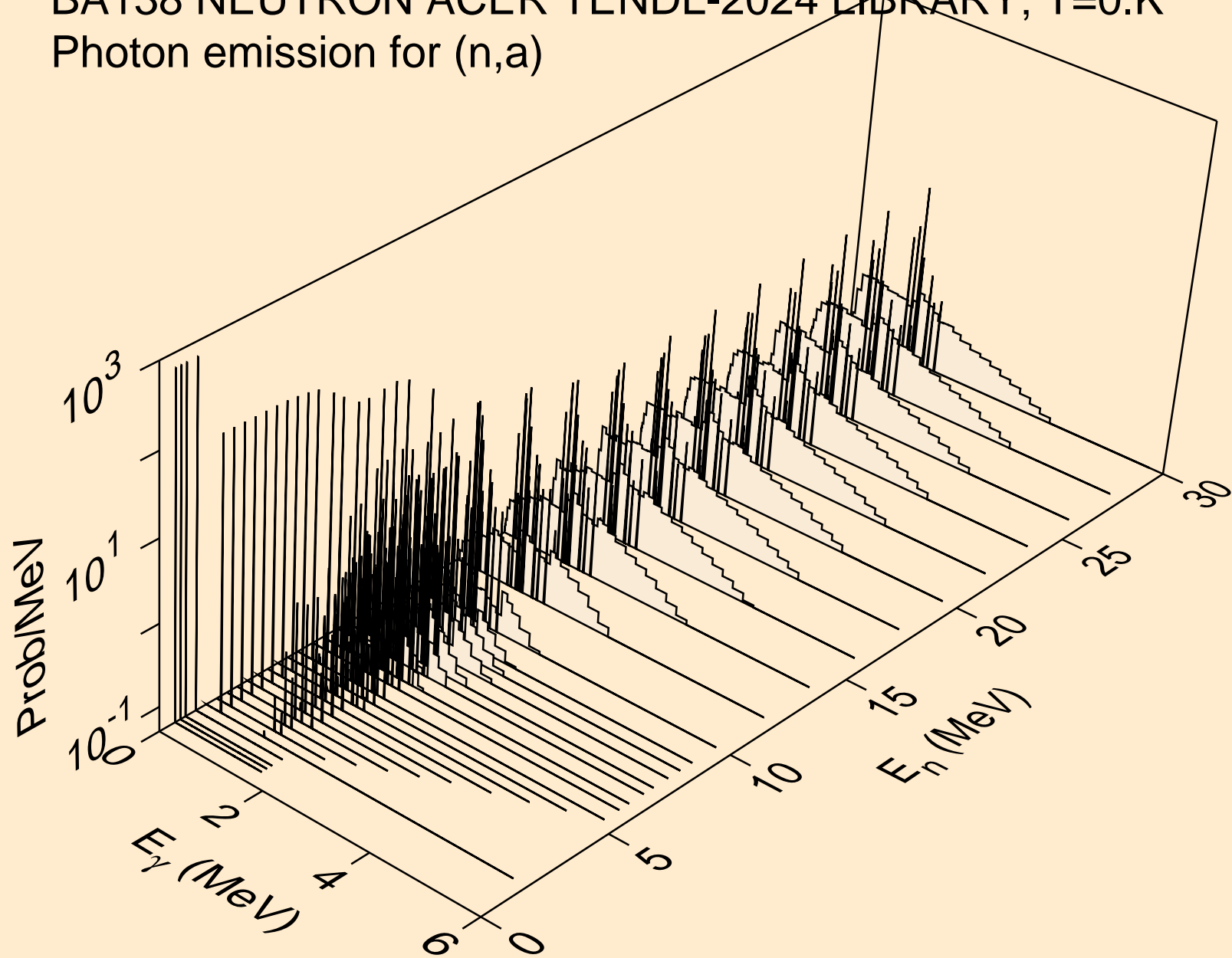
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



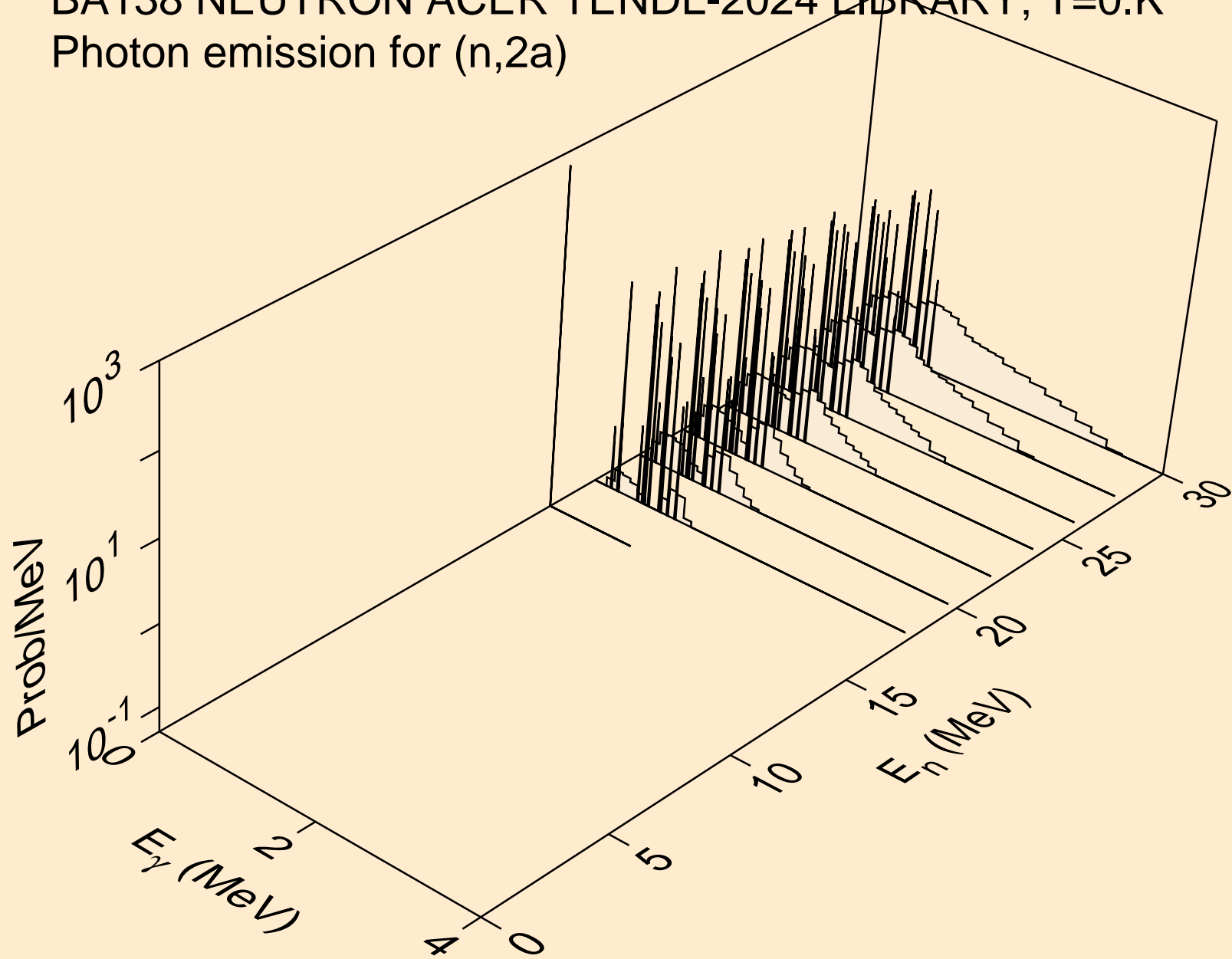
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



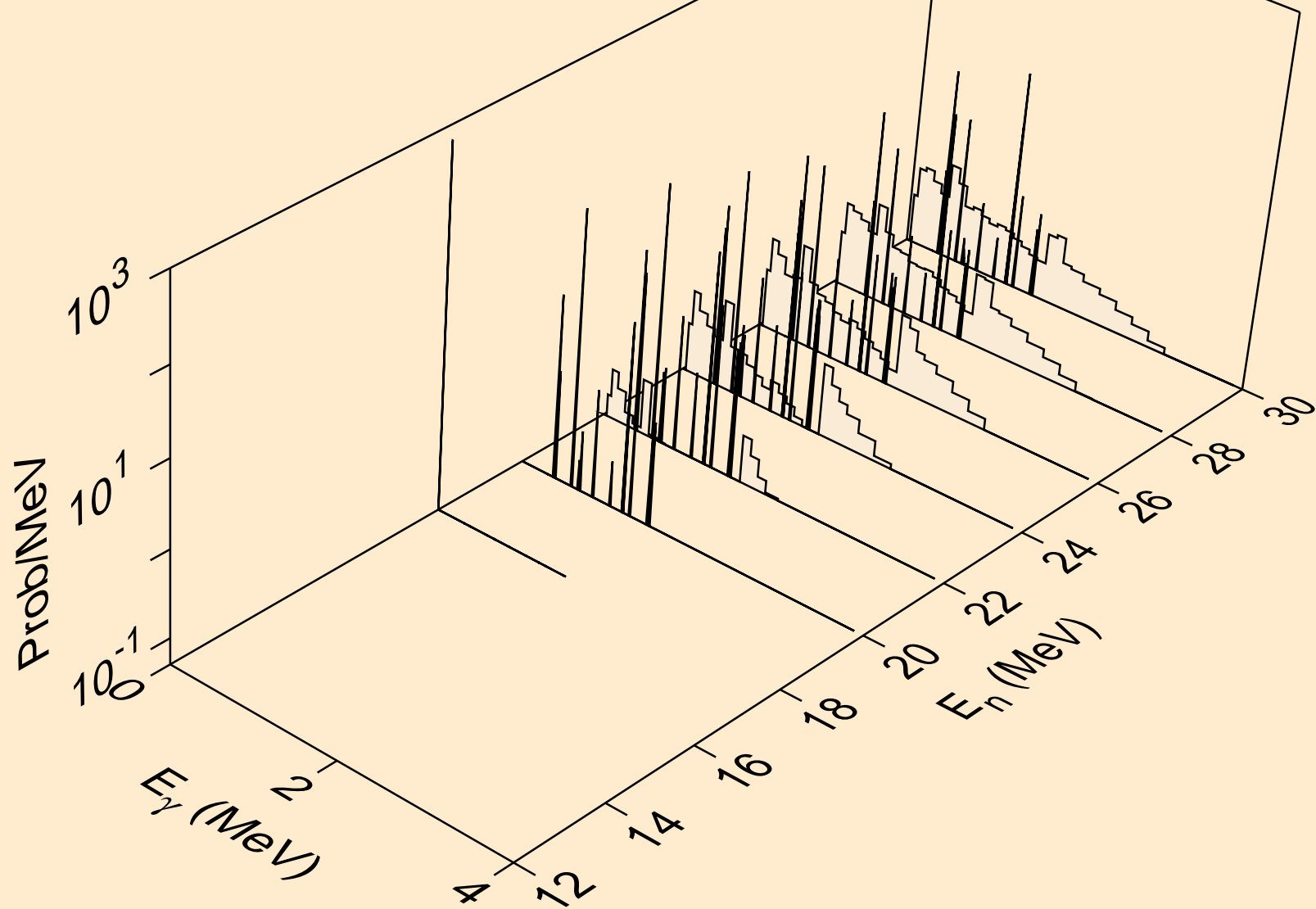
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



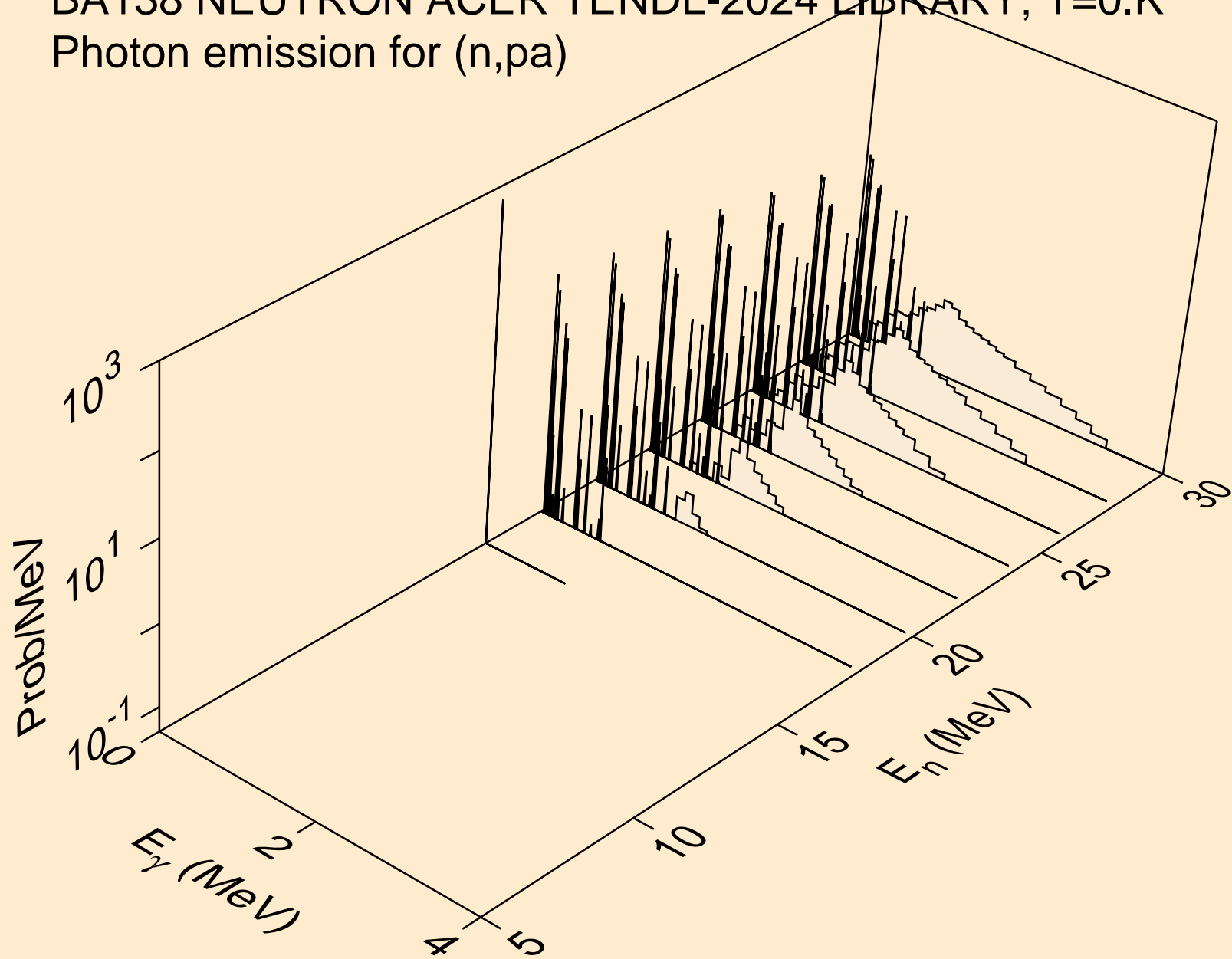
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



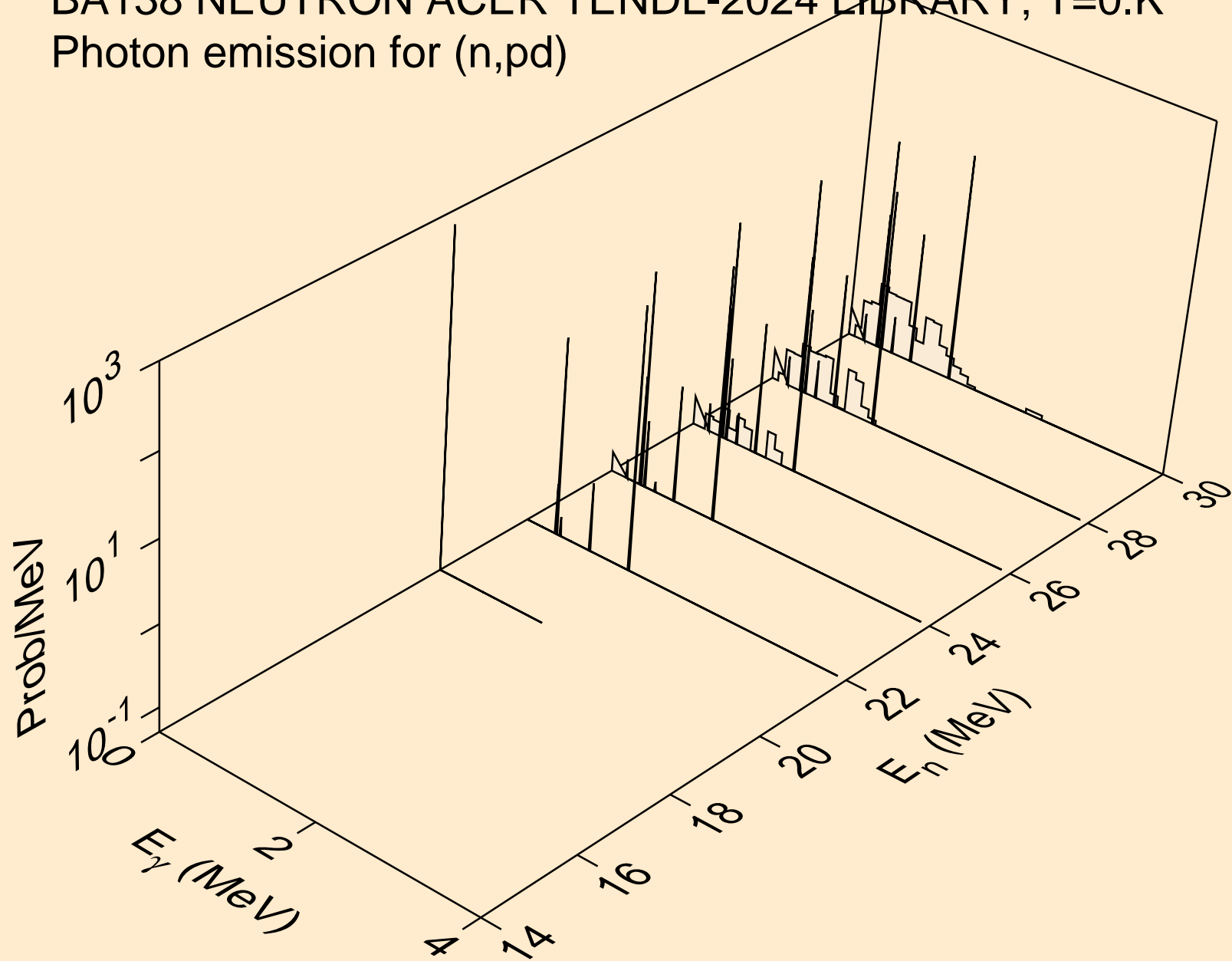
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

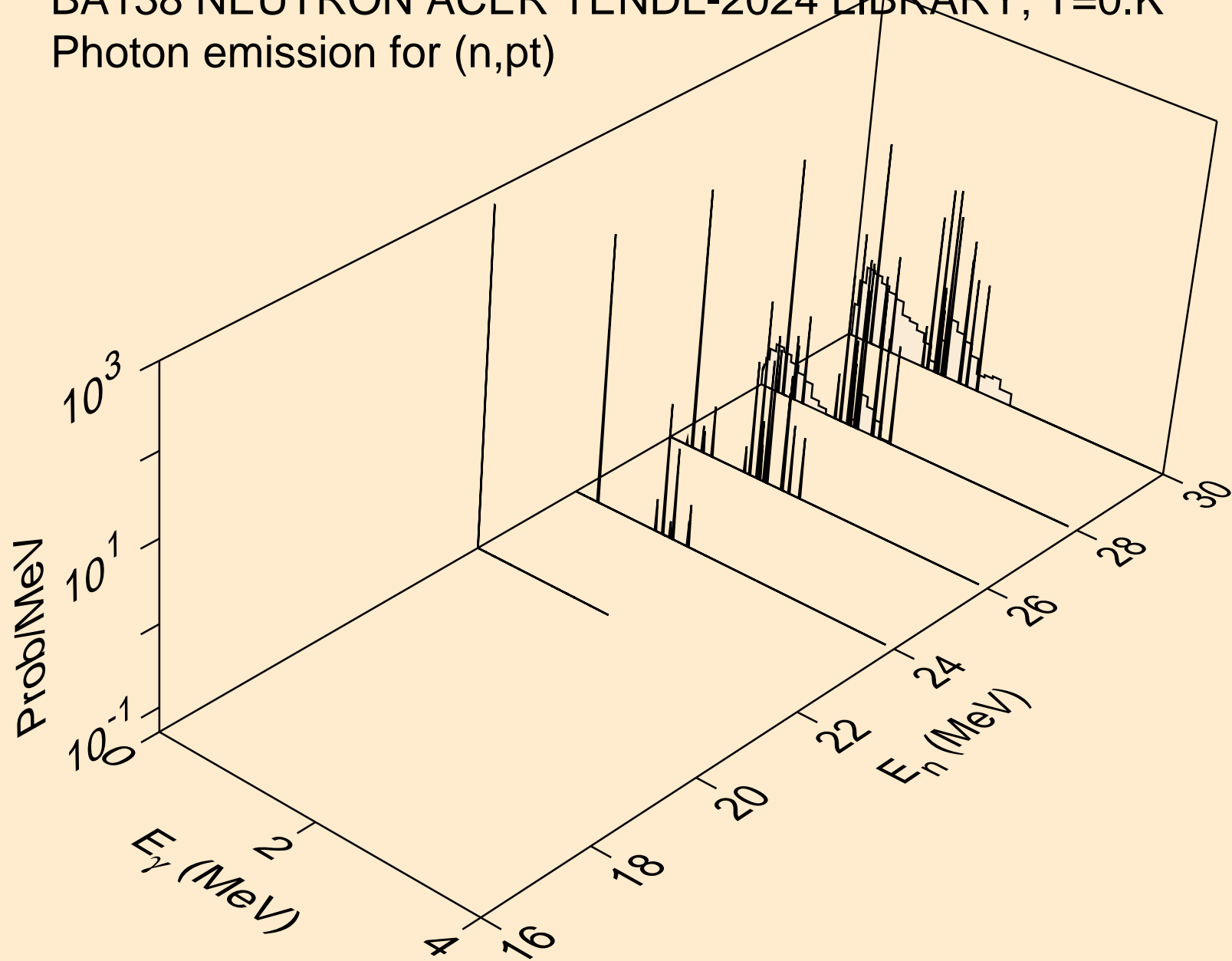


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

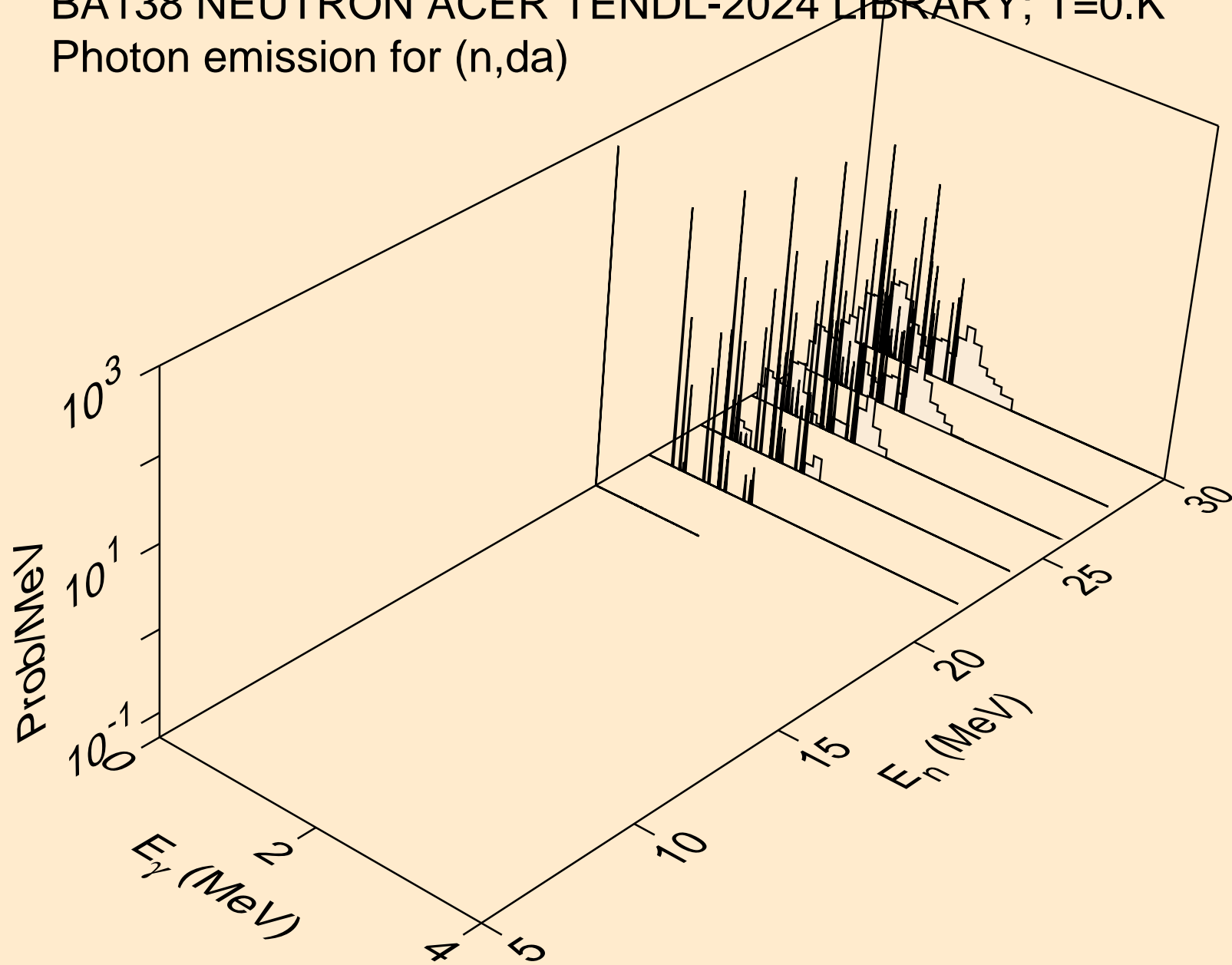




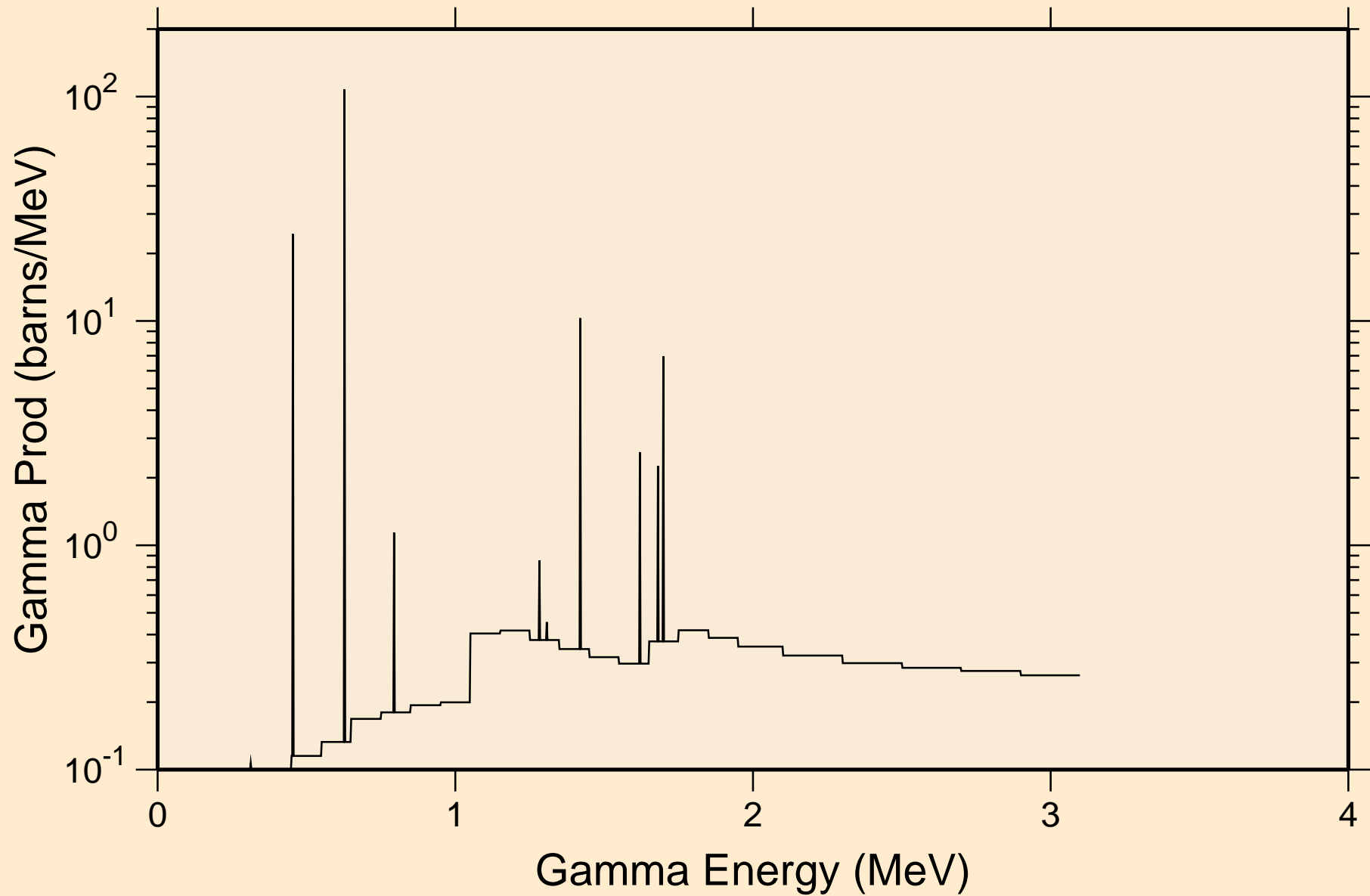
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



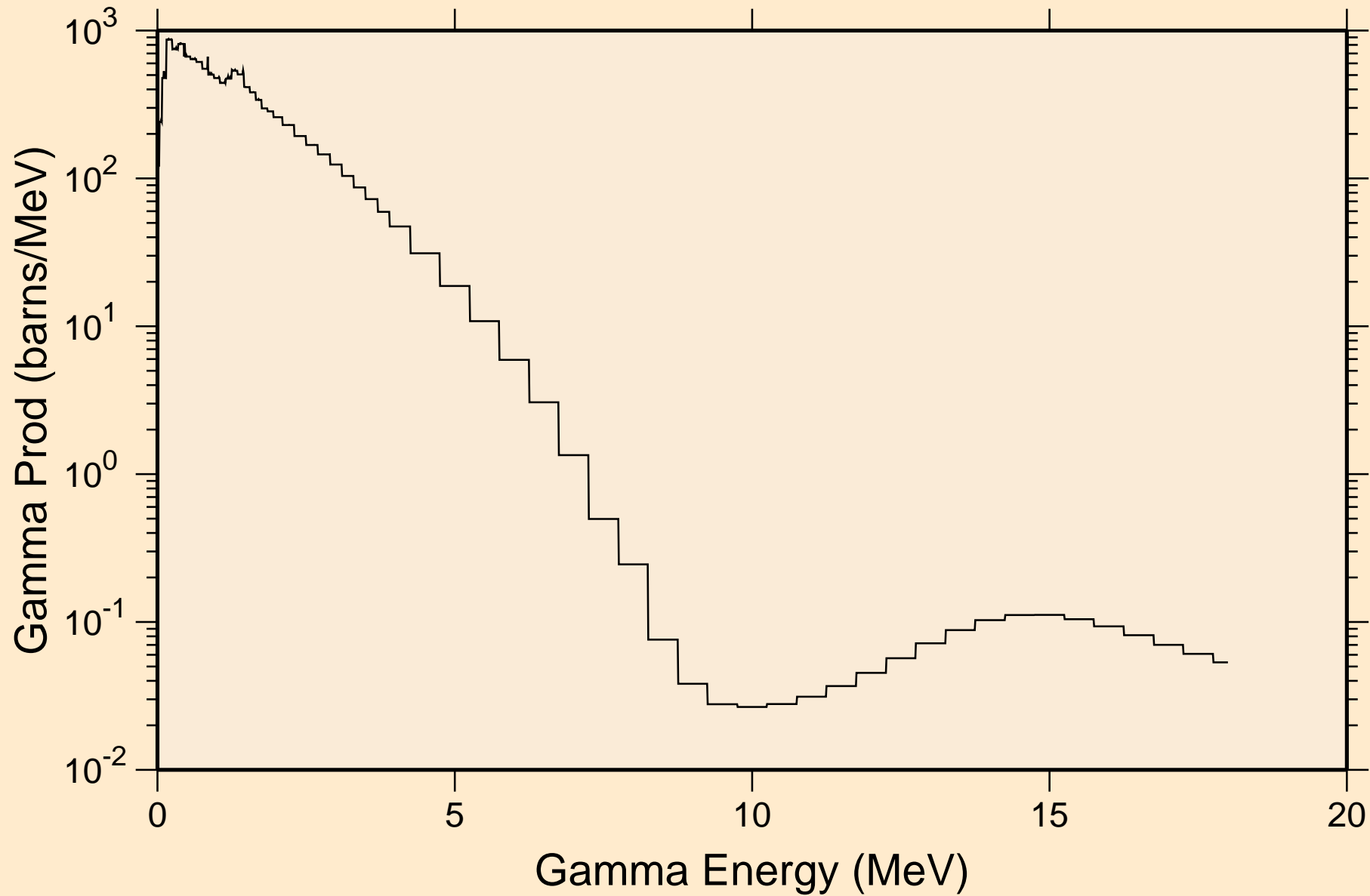
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

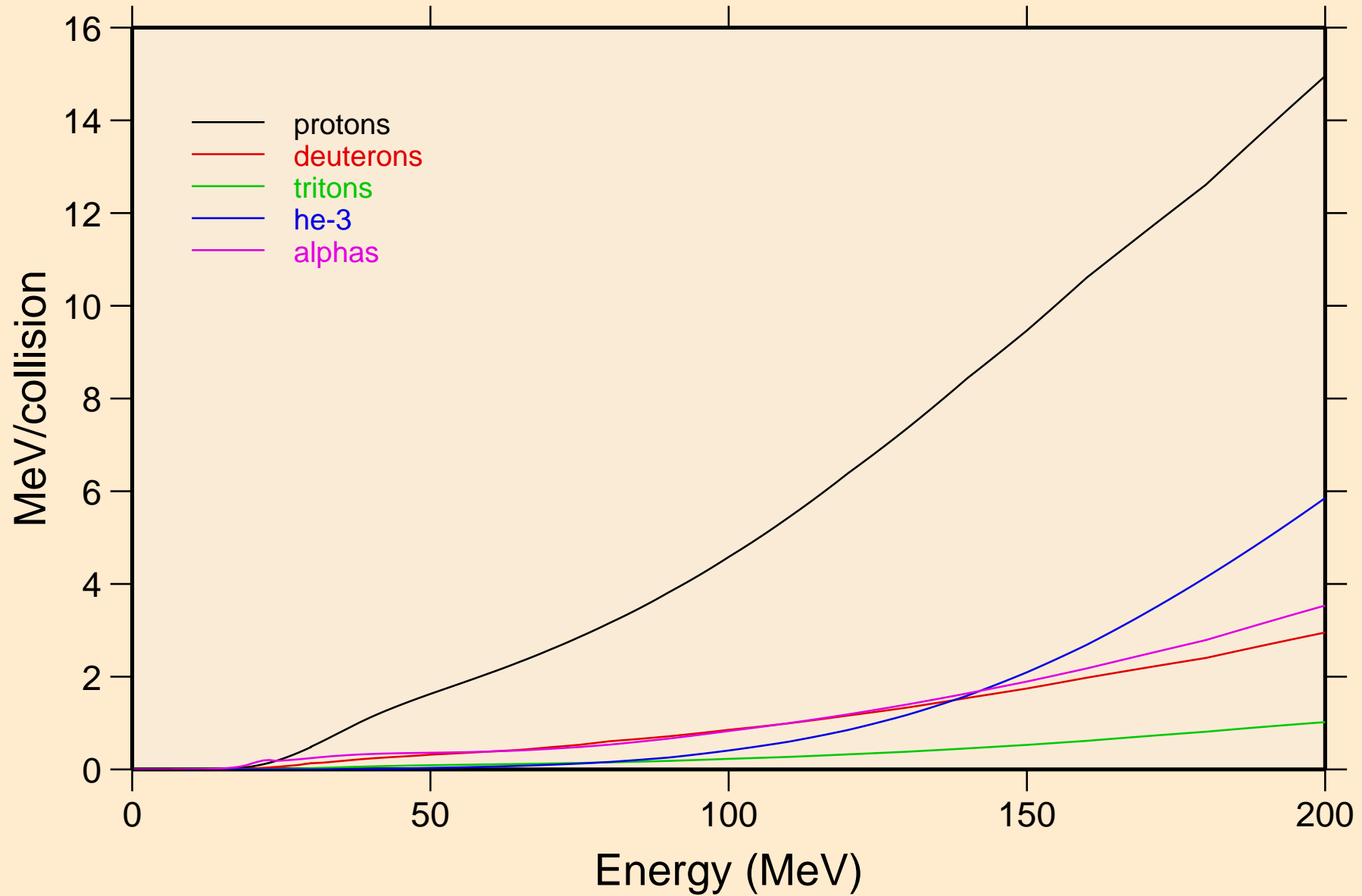


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

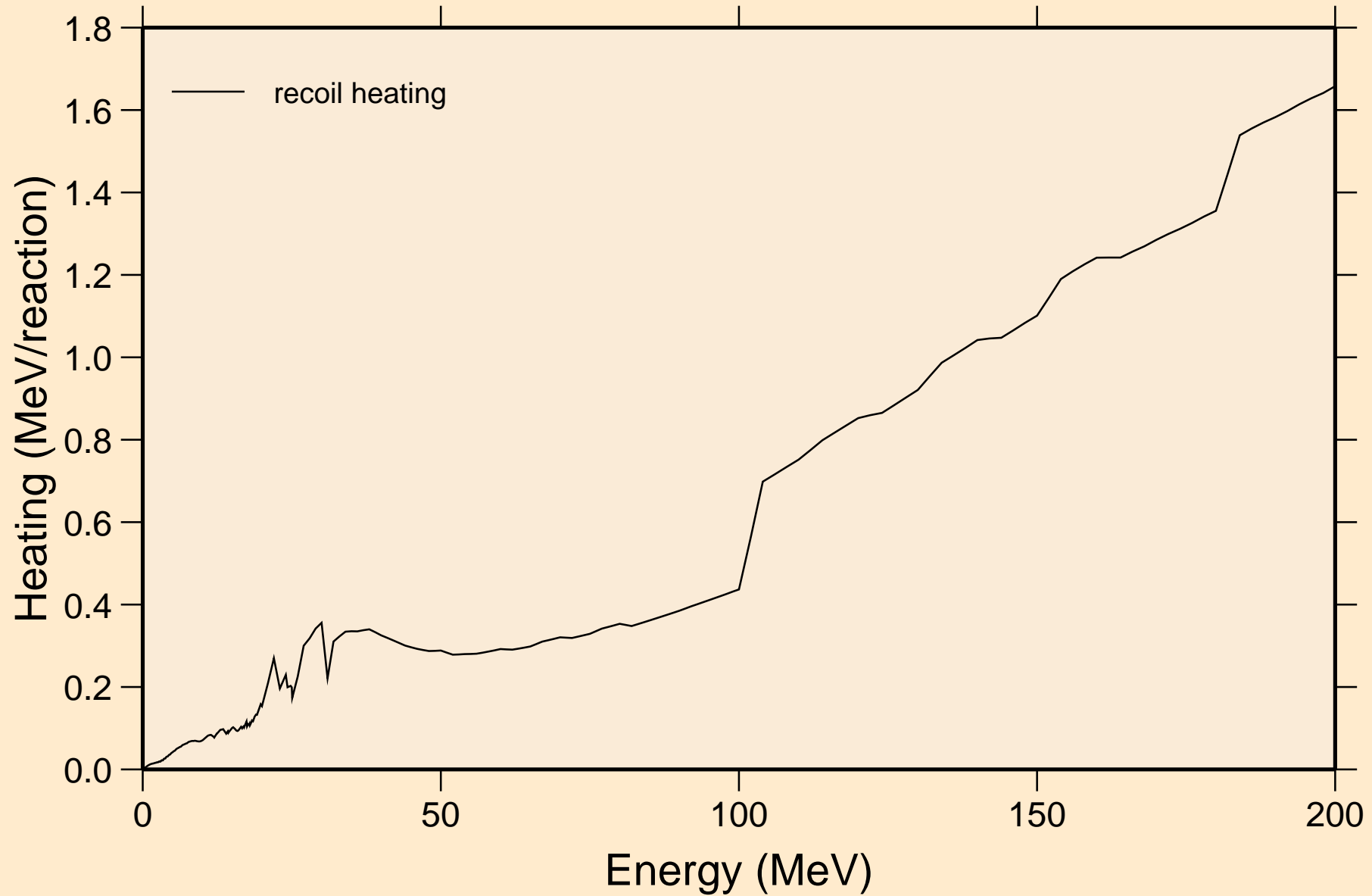


# BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

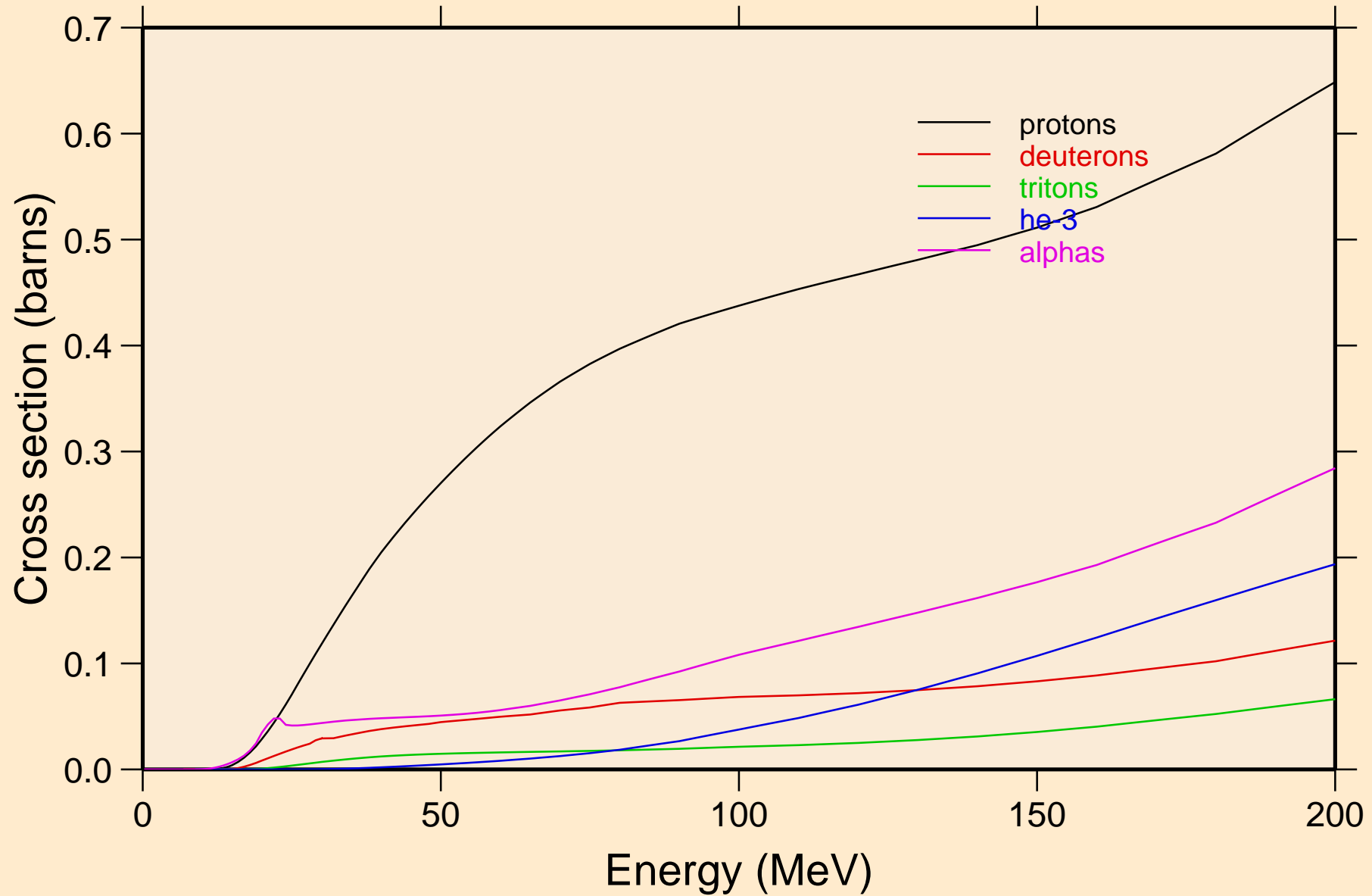
## Particle heating contributions



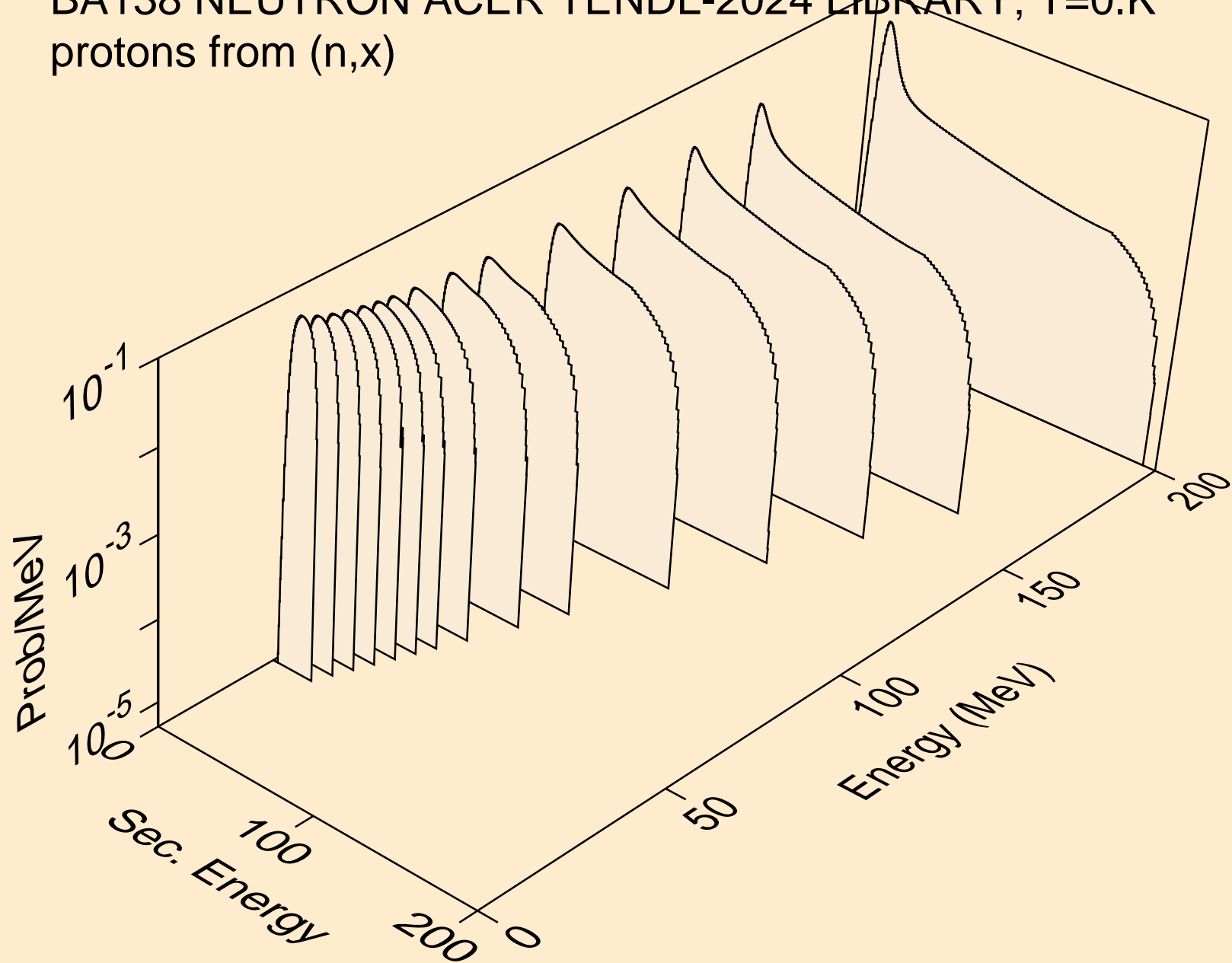
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

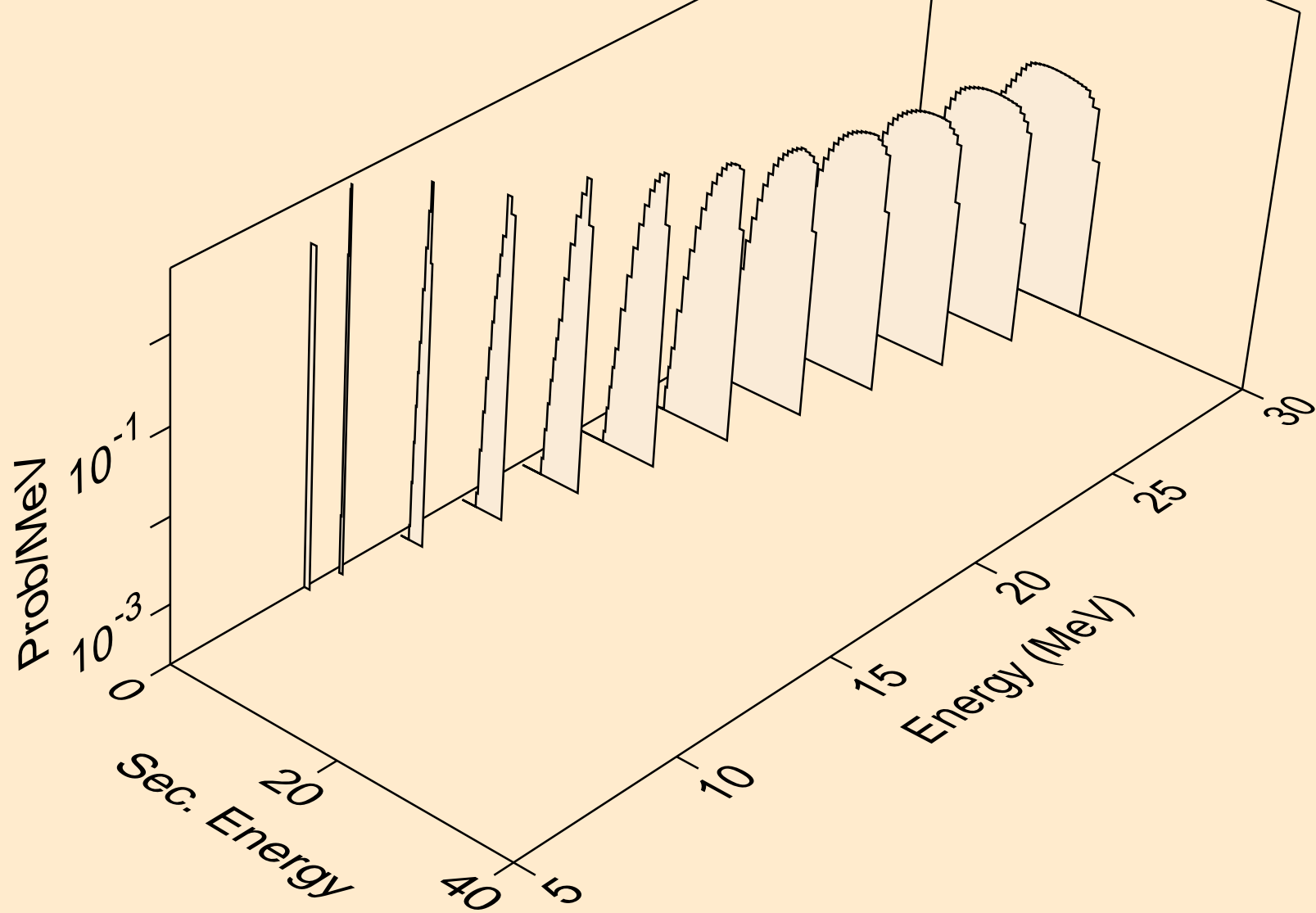


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

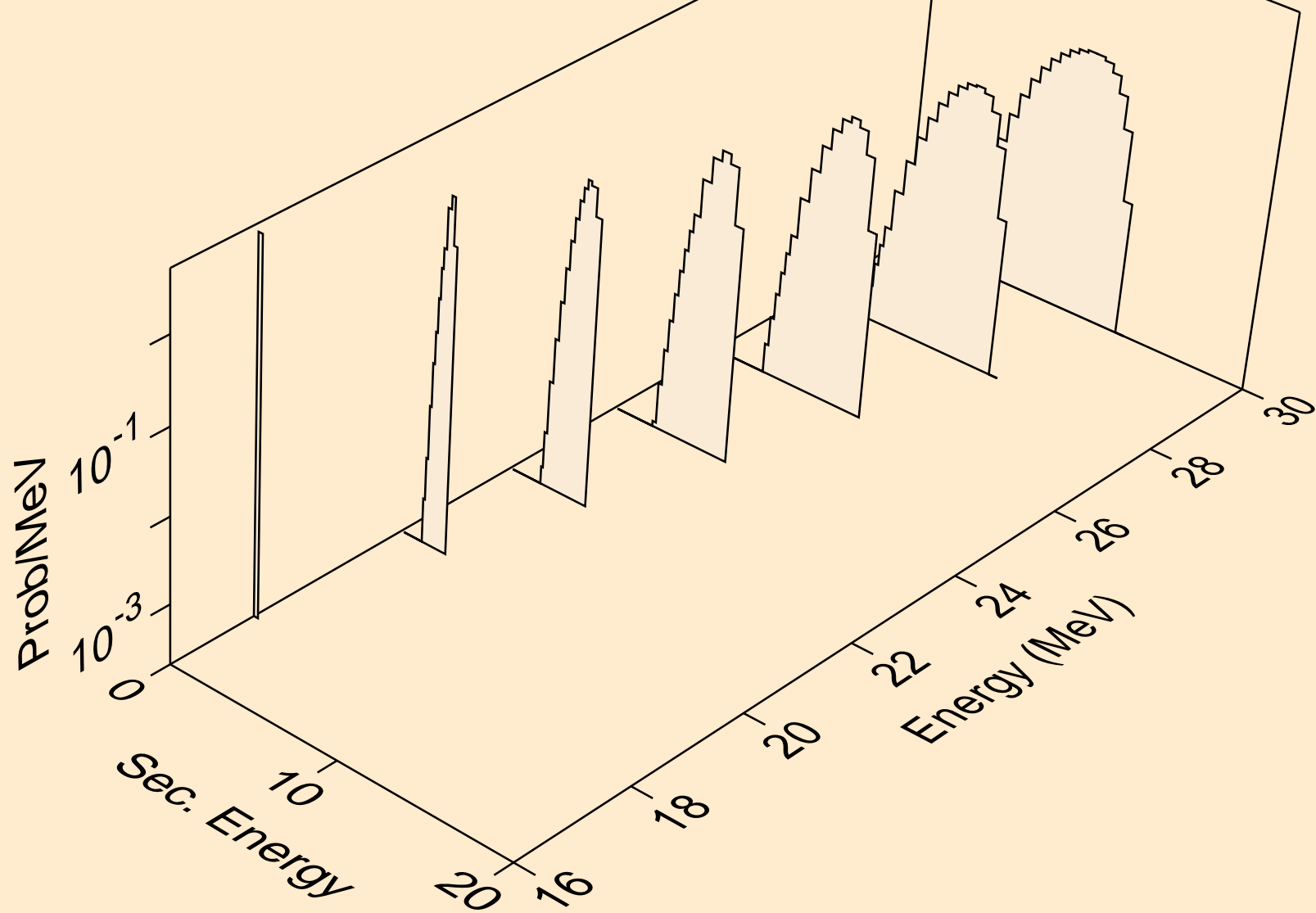




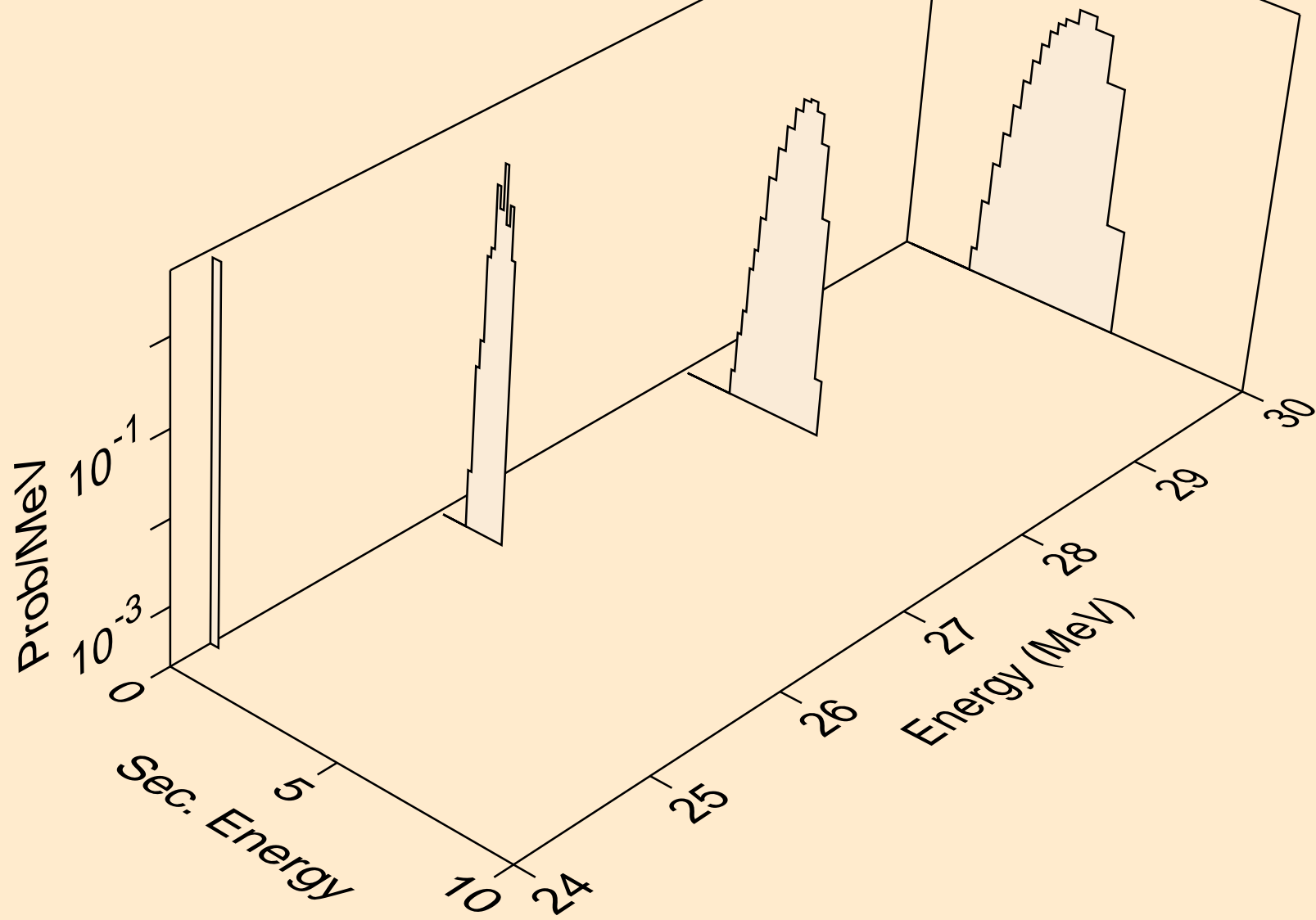
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



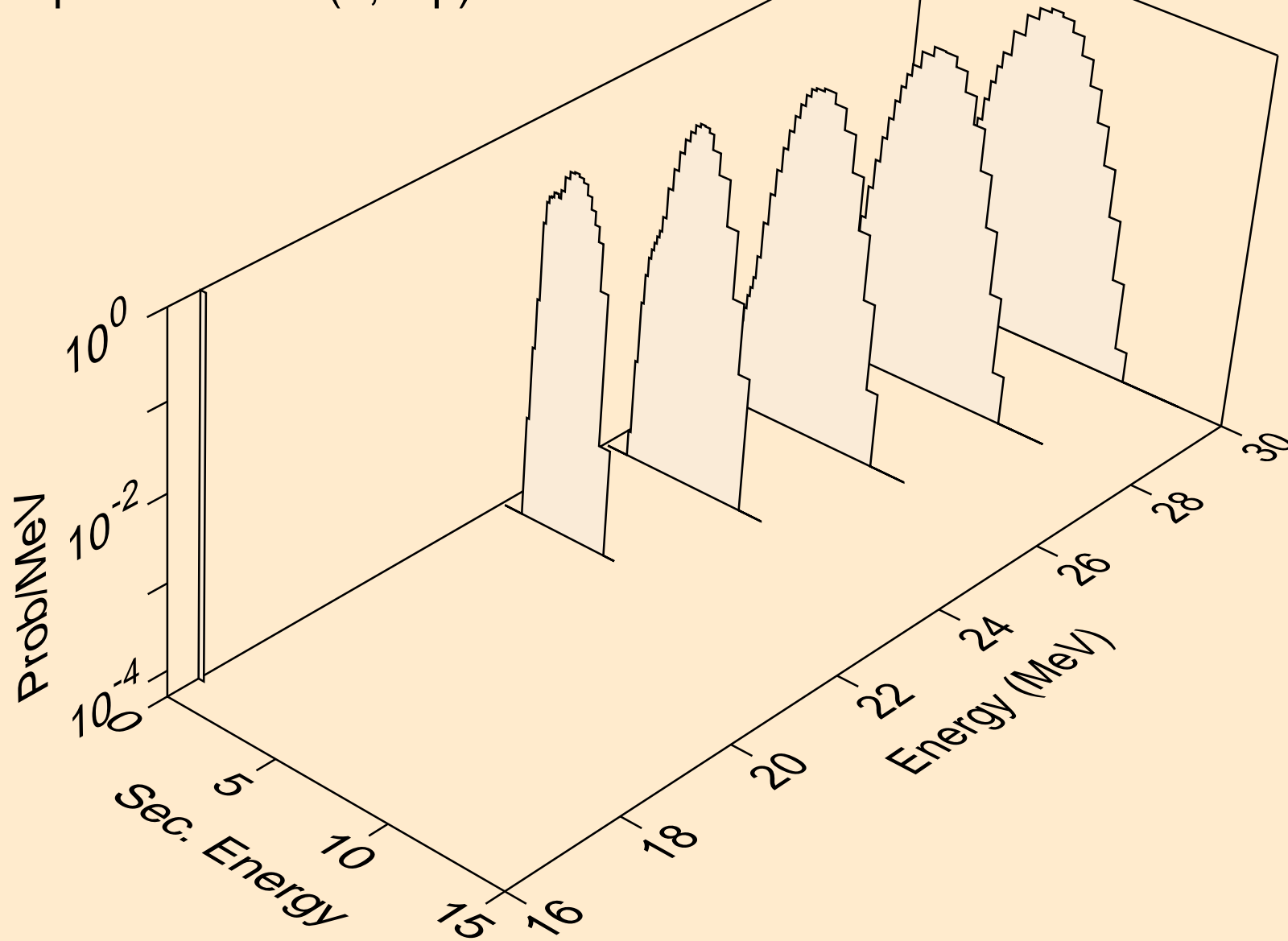
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



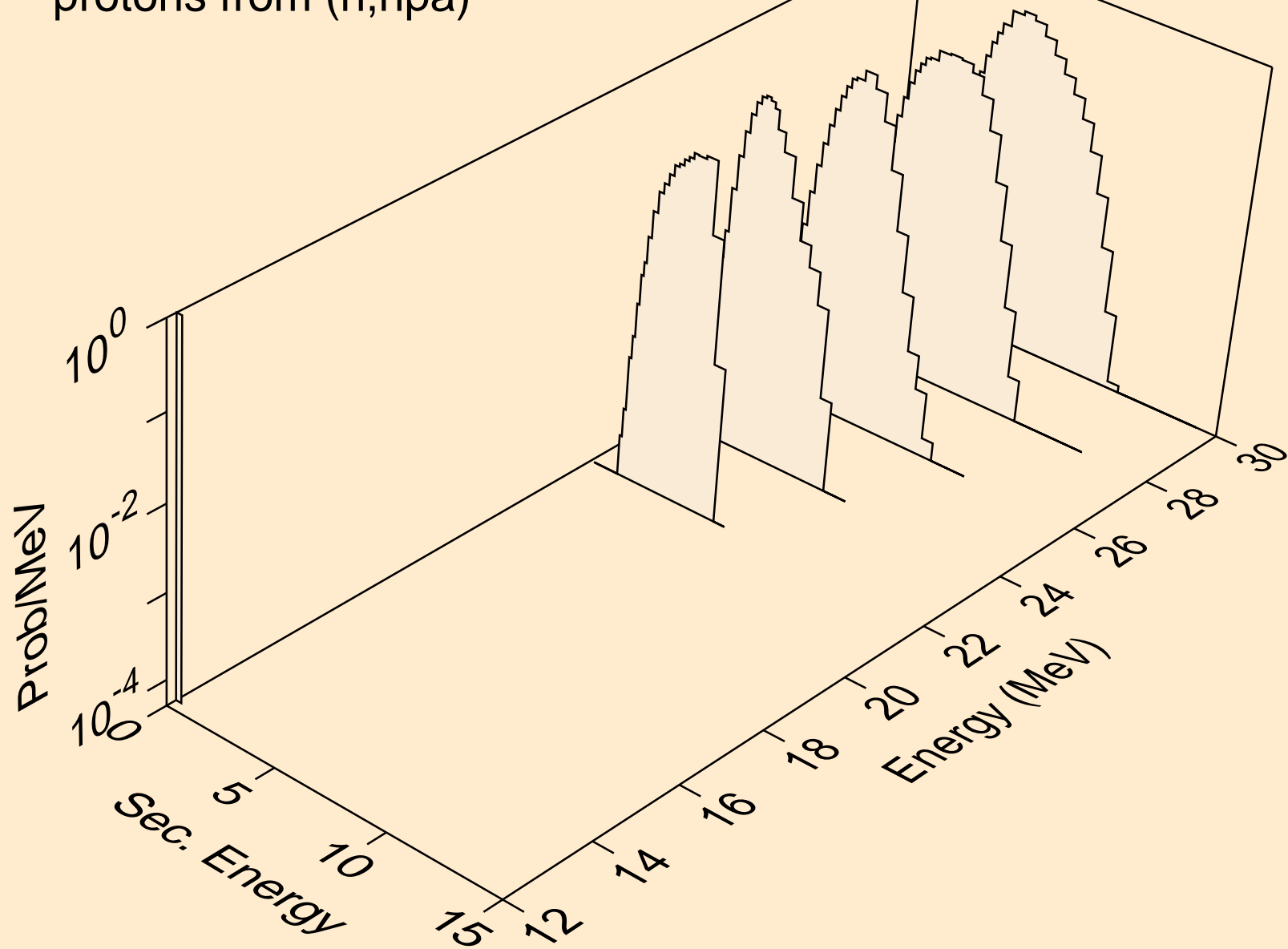
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



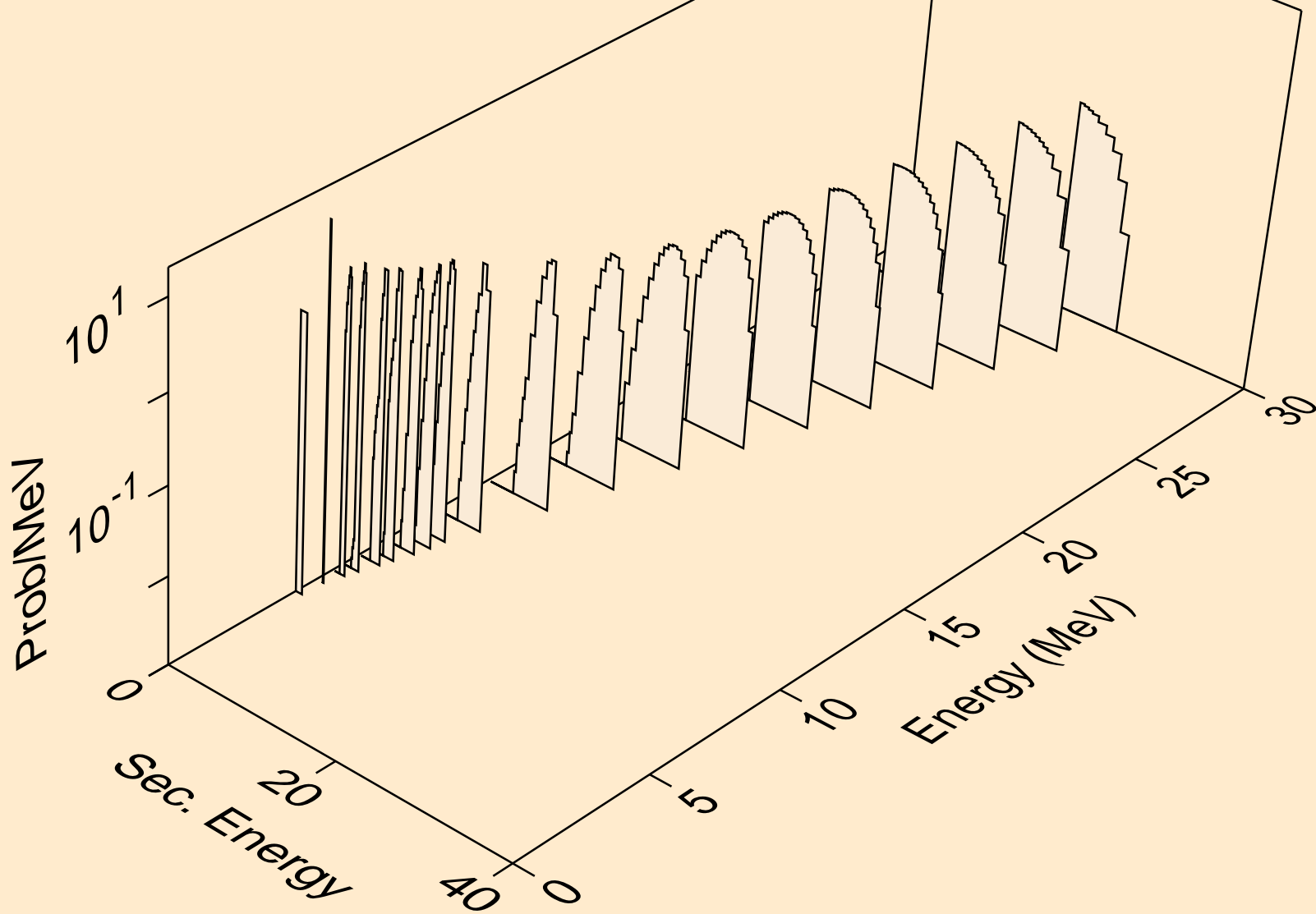
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protons from (n,n2p)



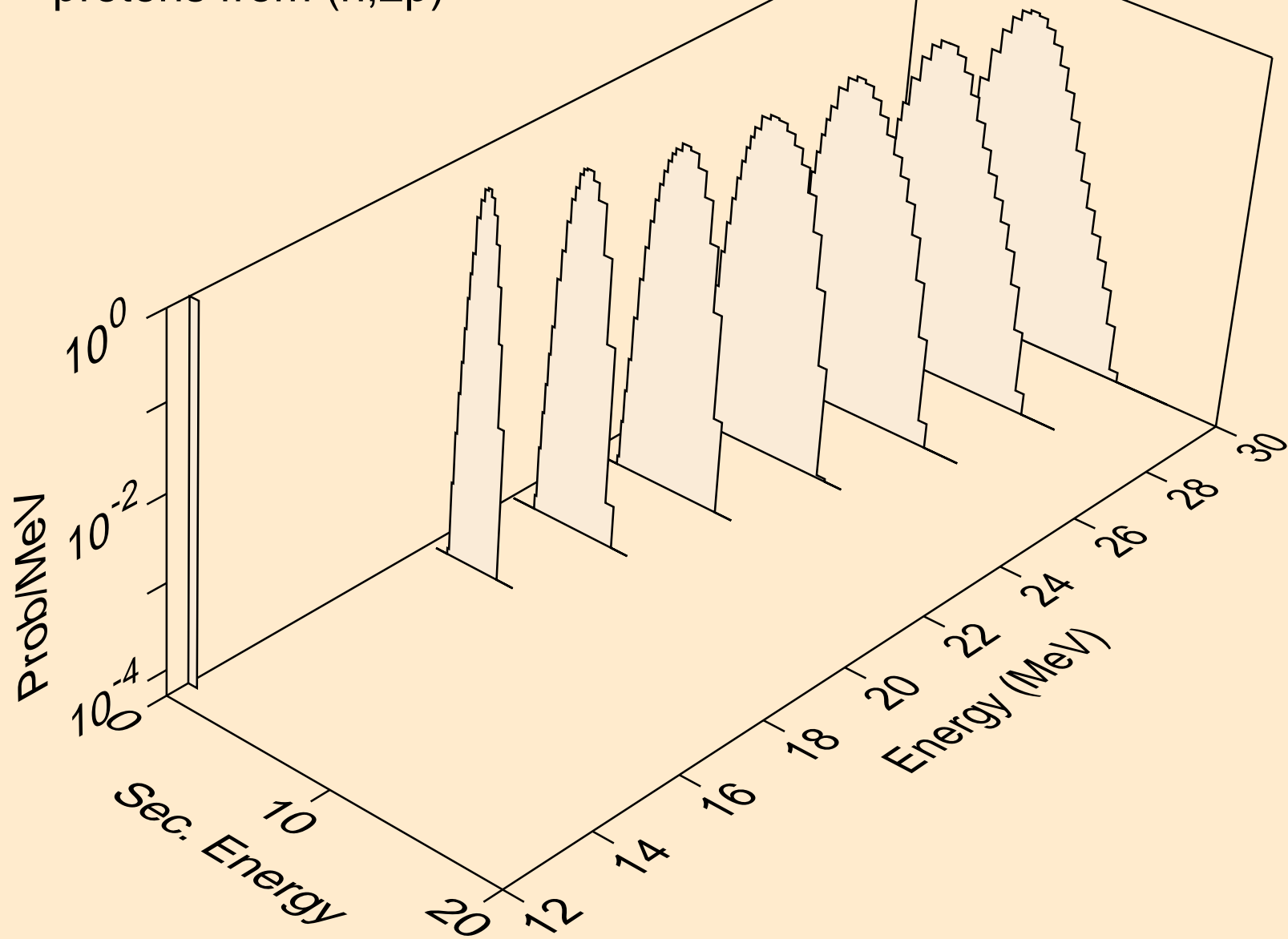
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protons from (n,npa)



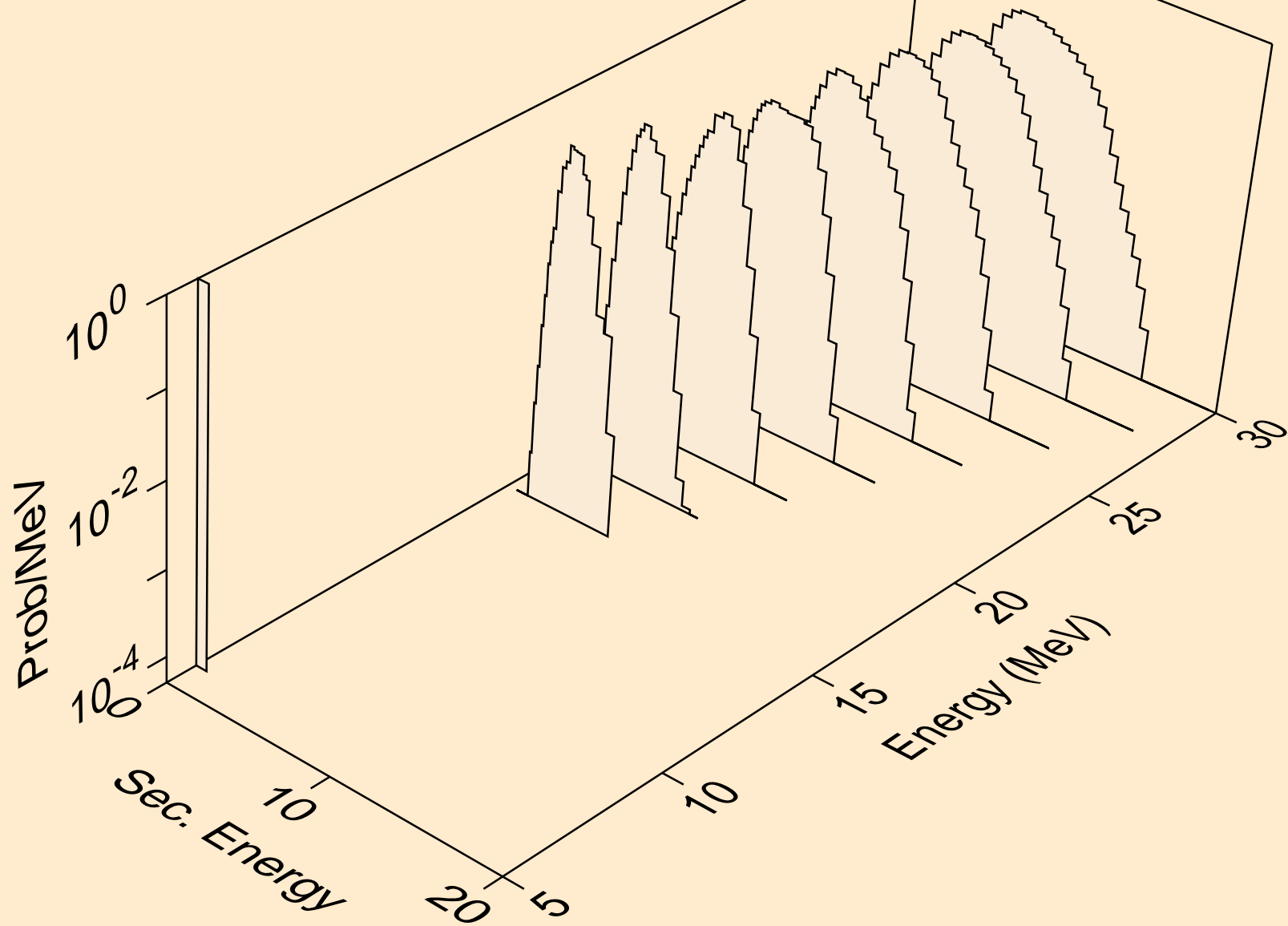
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

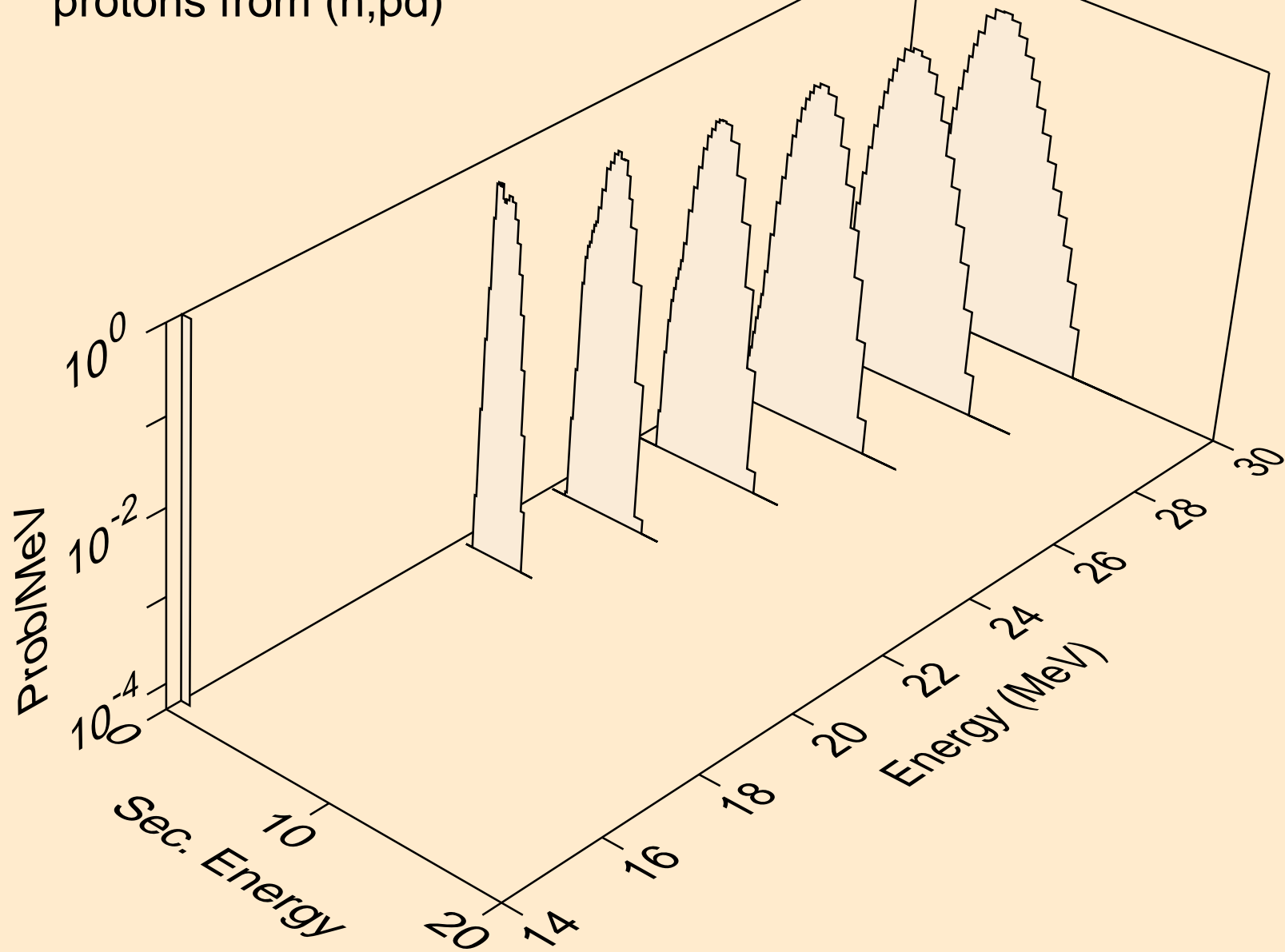


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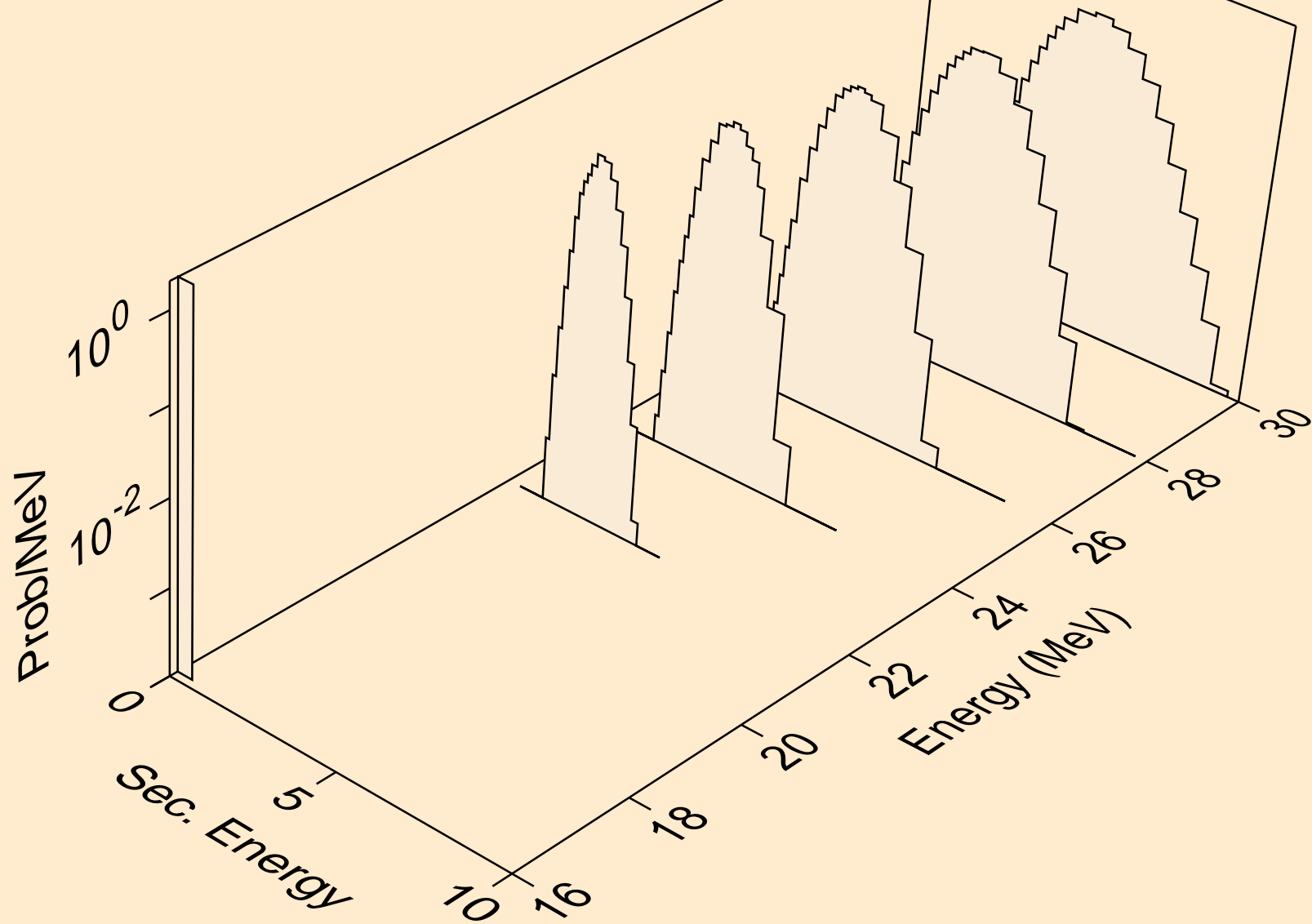




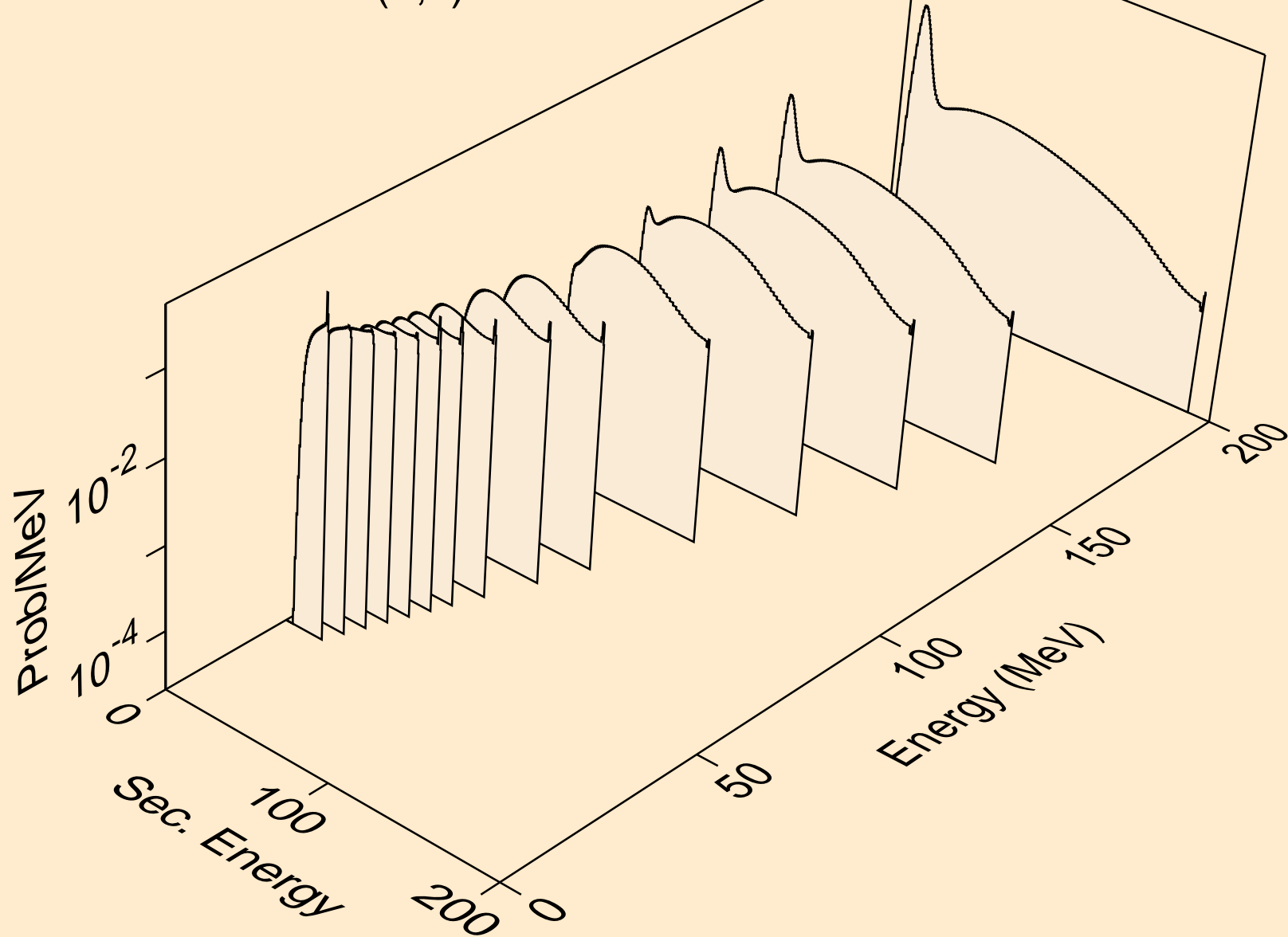
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



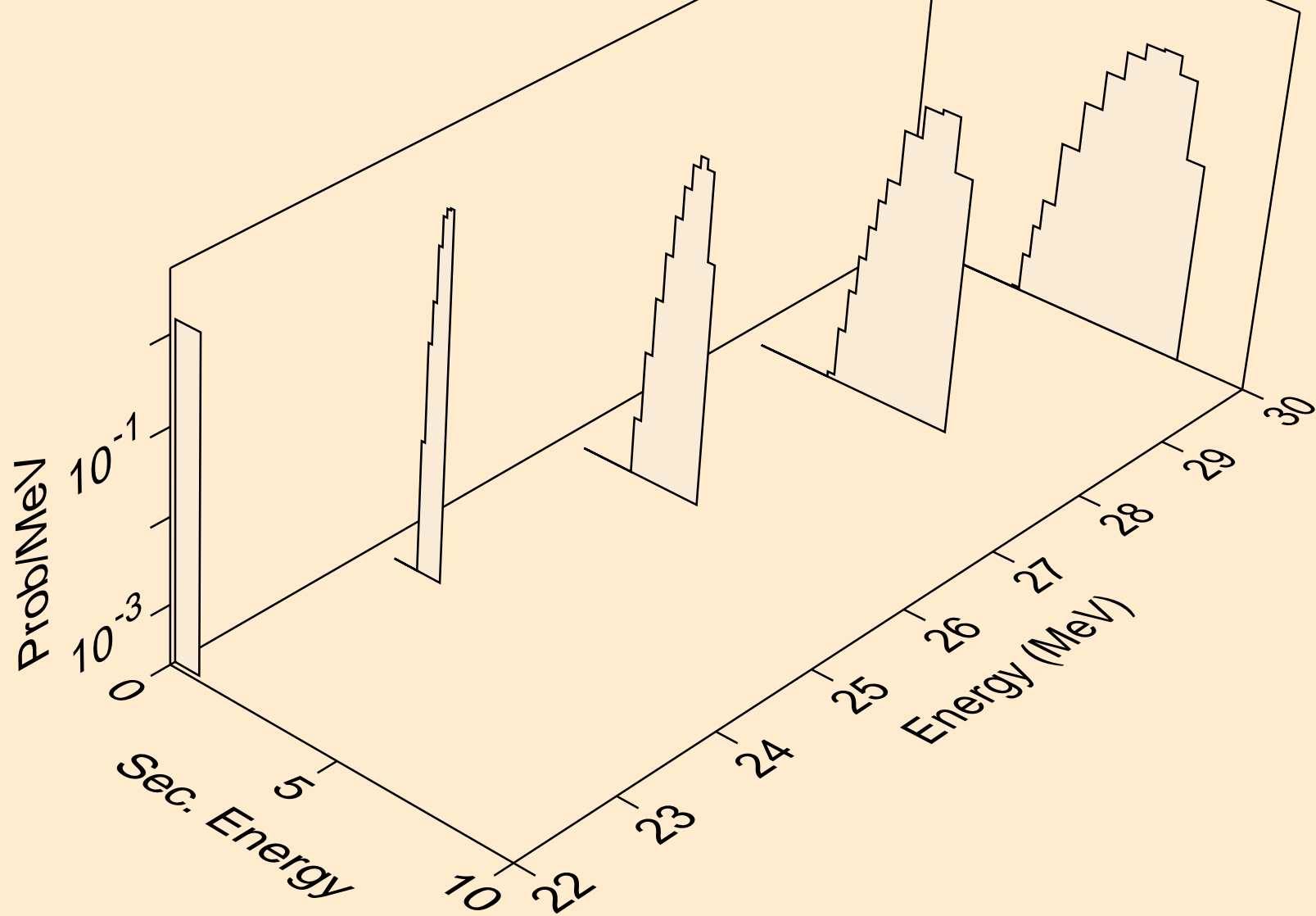
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



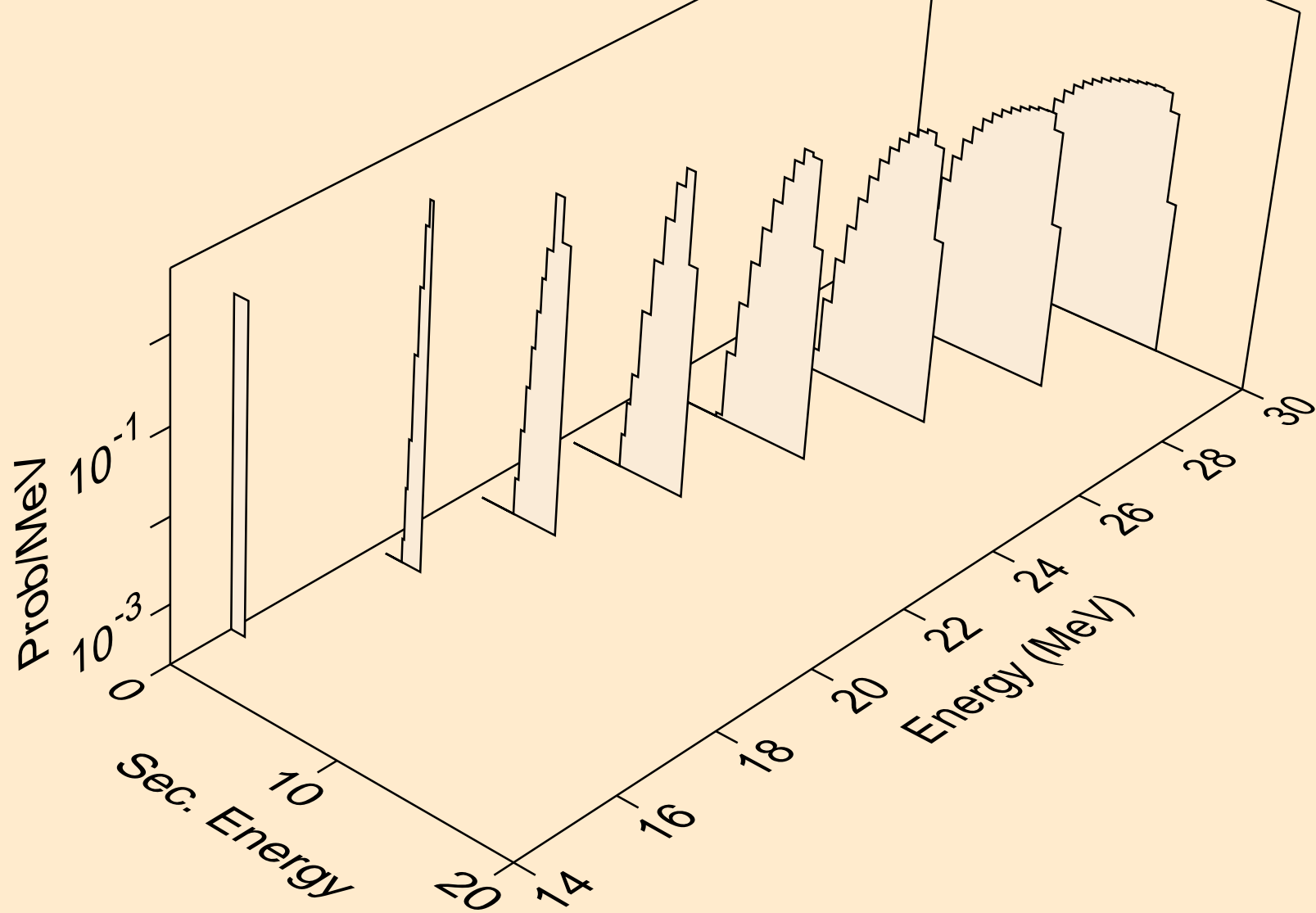
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



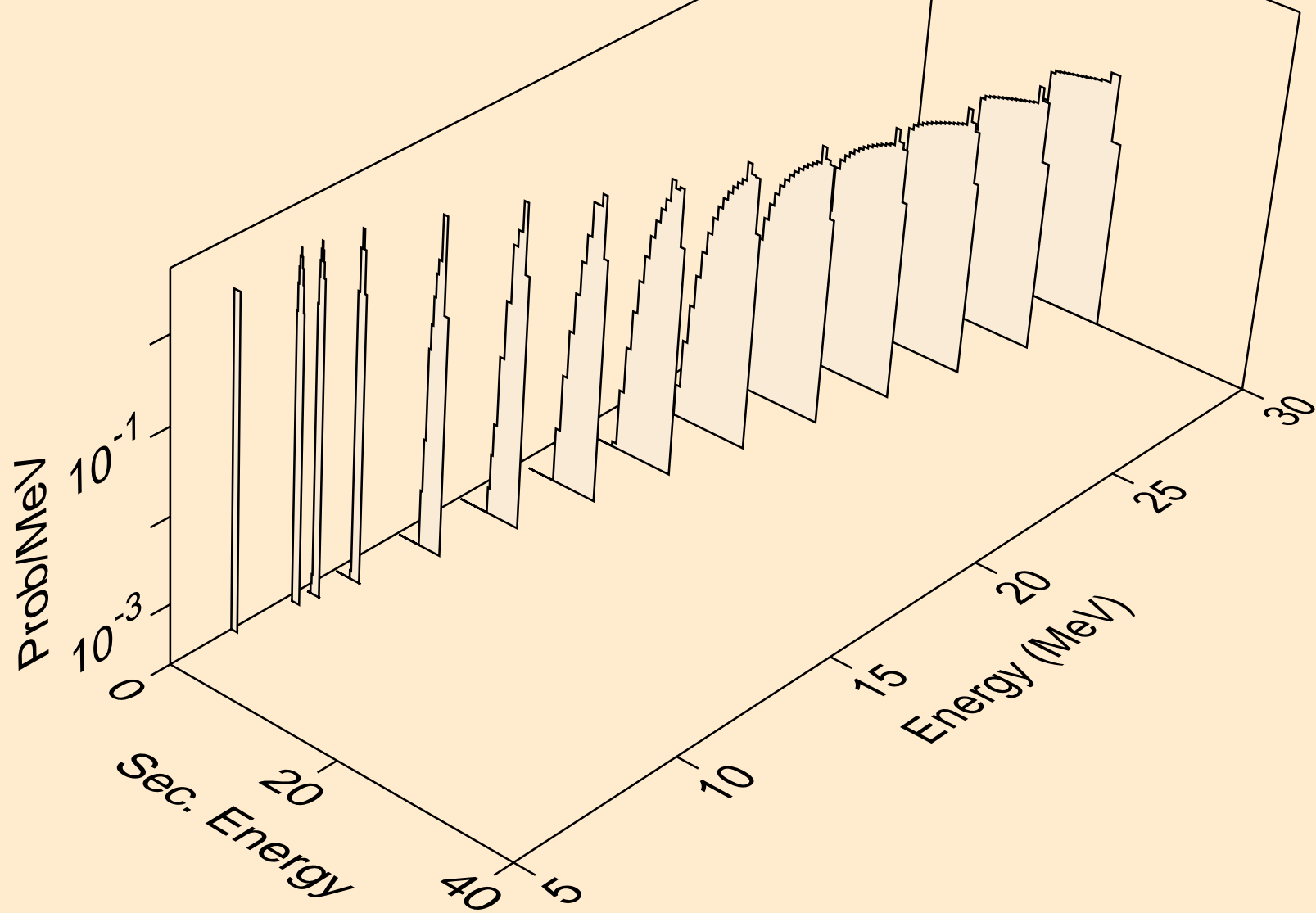
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deuterons from (n,2nd)



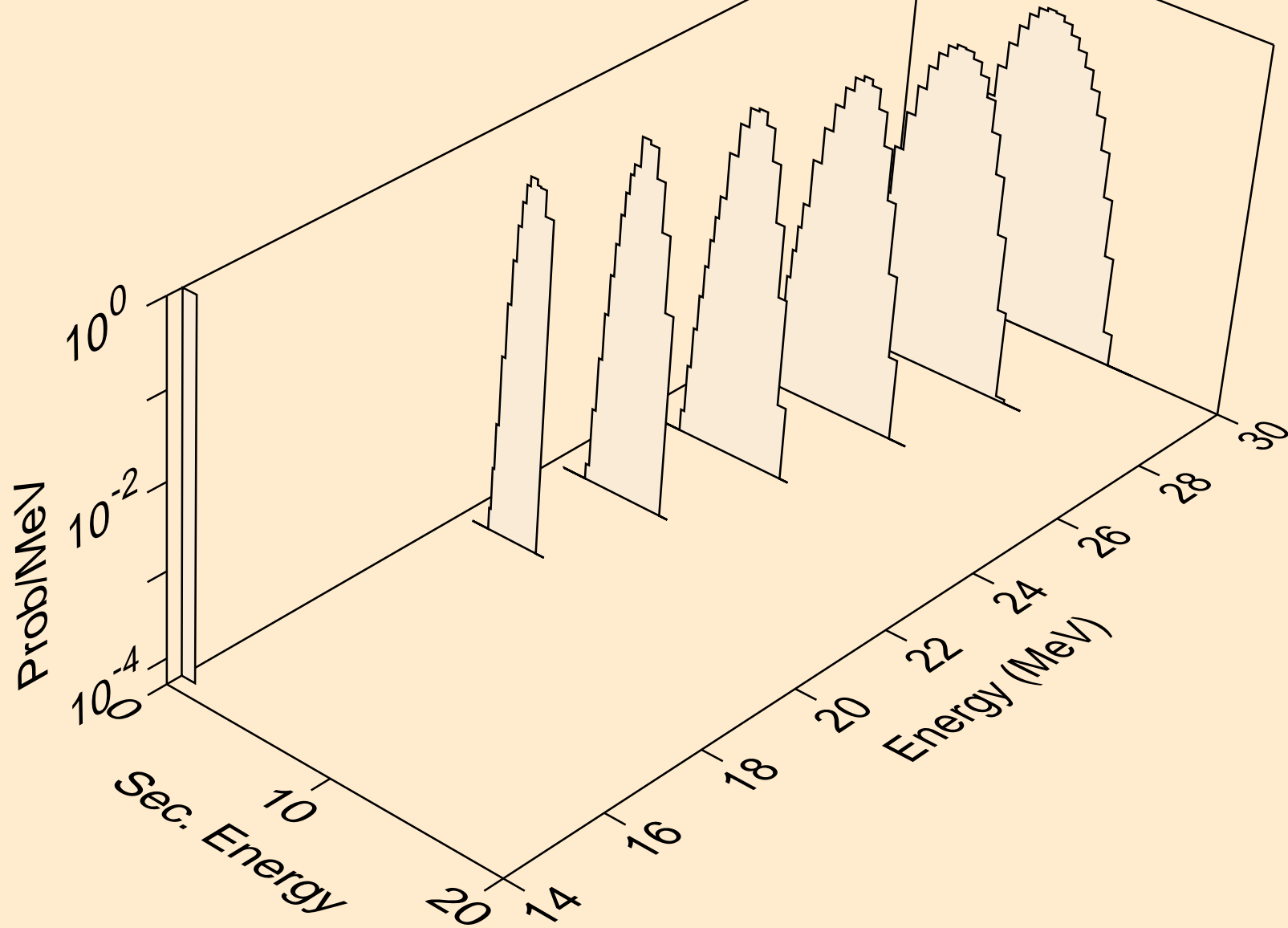
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



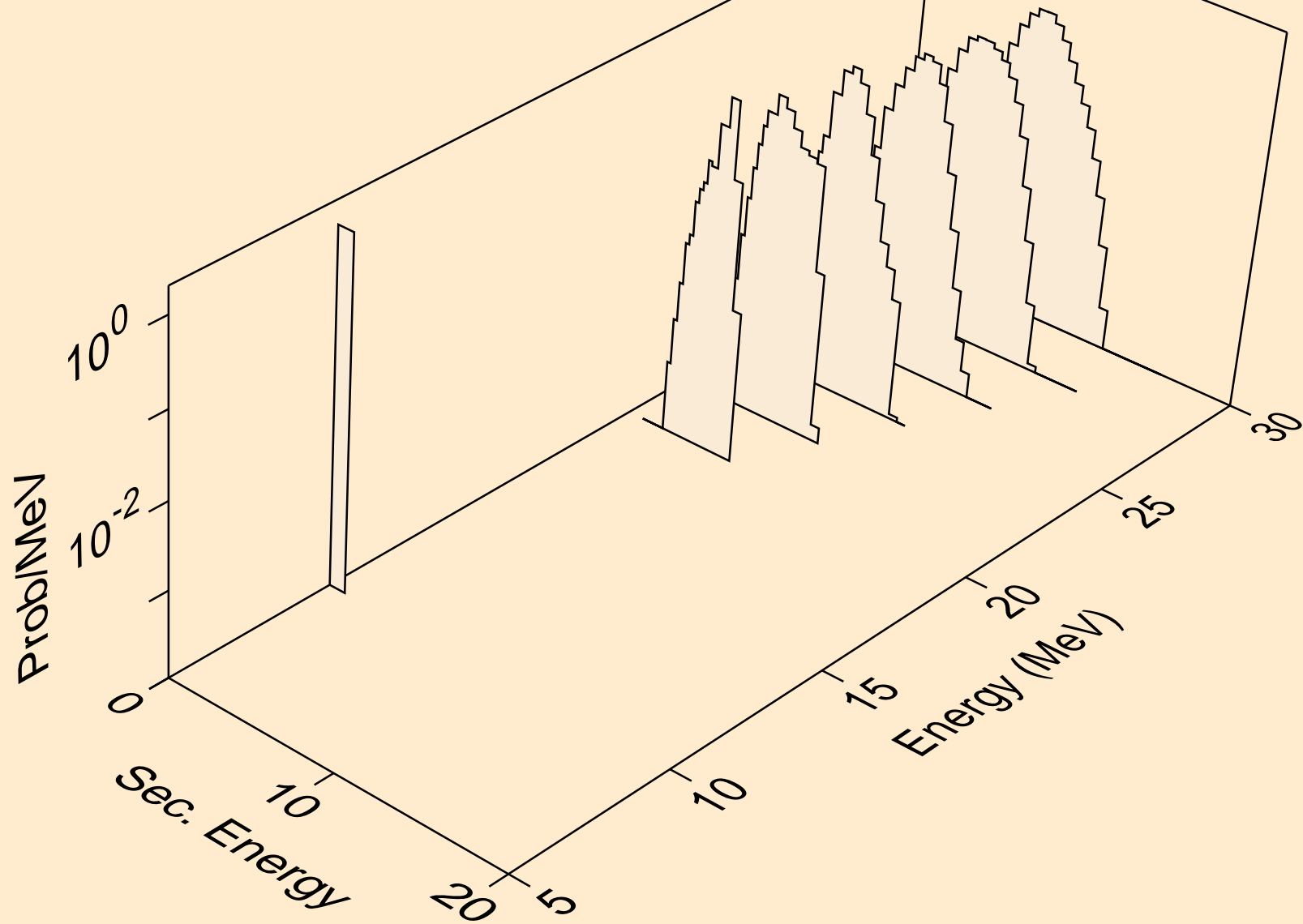
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

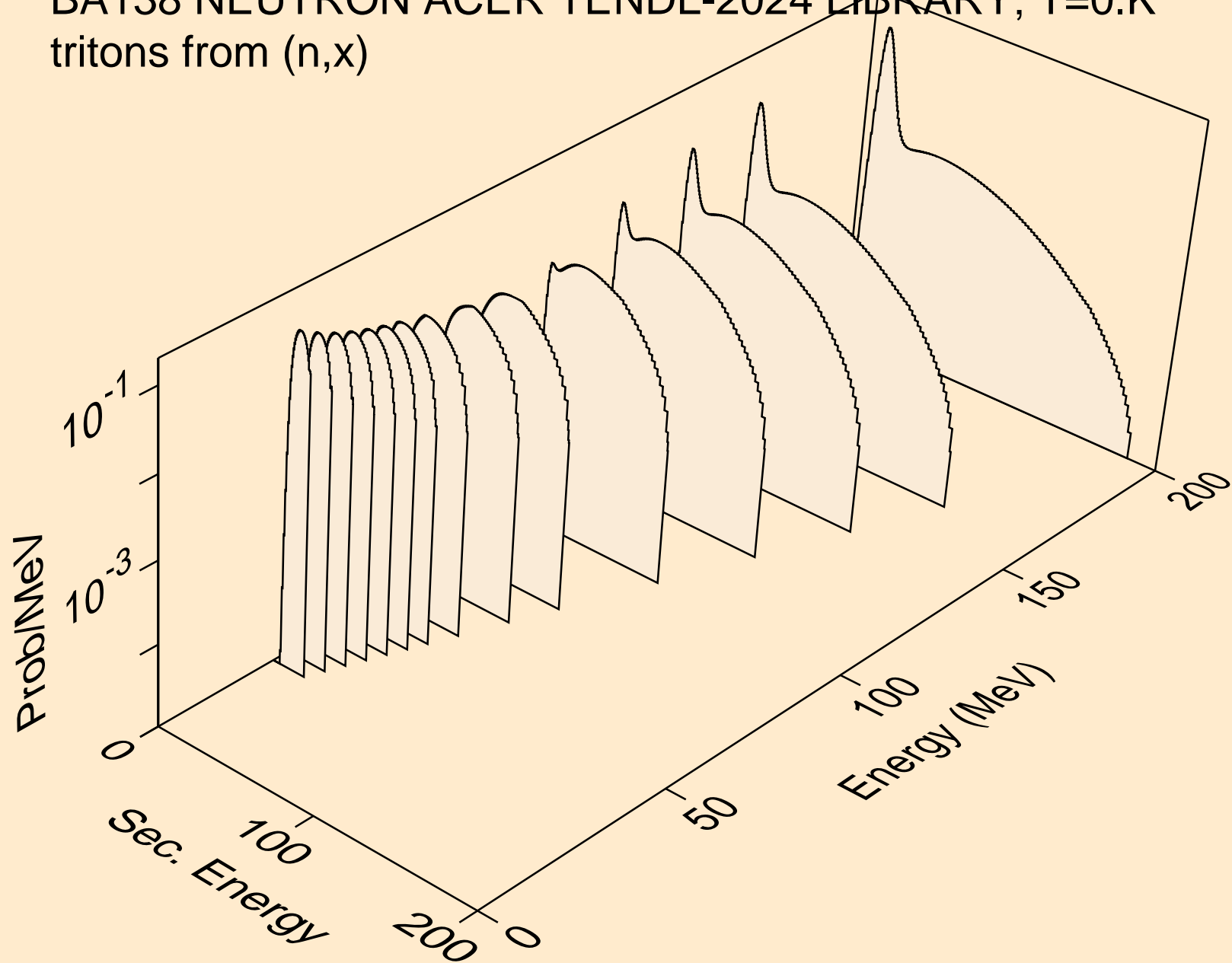


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

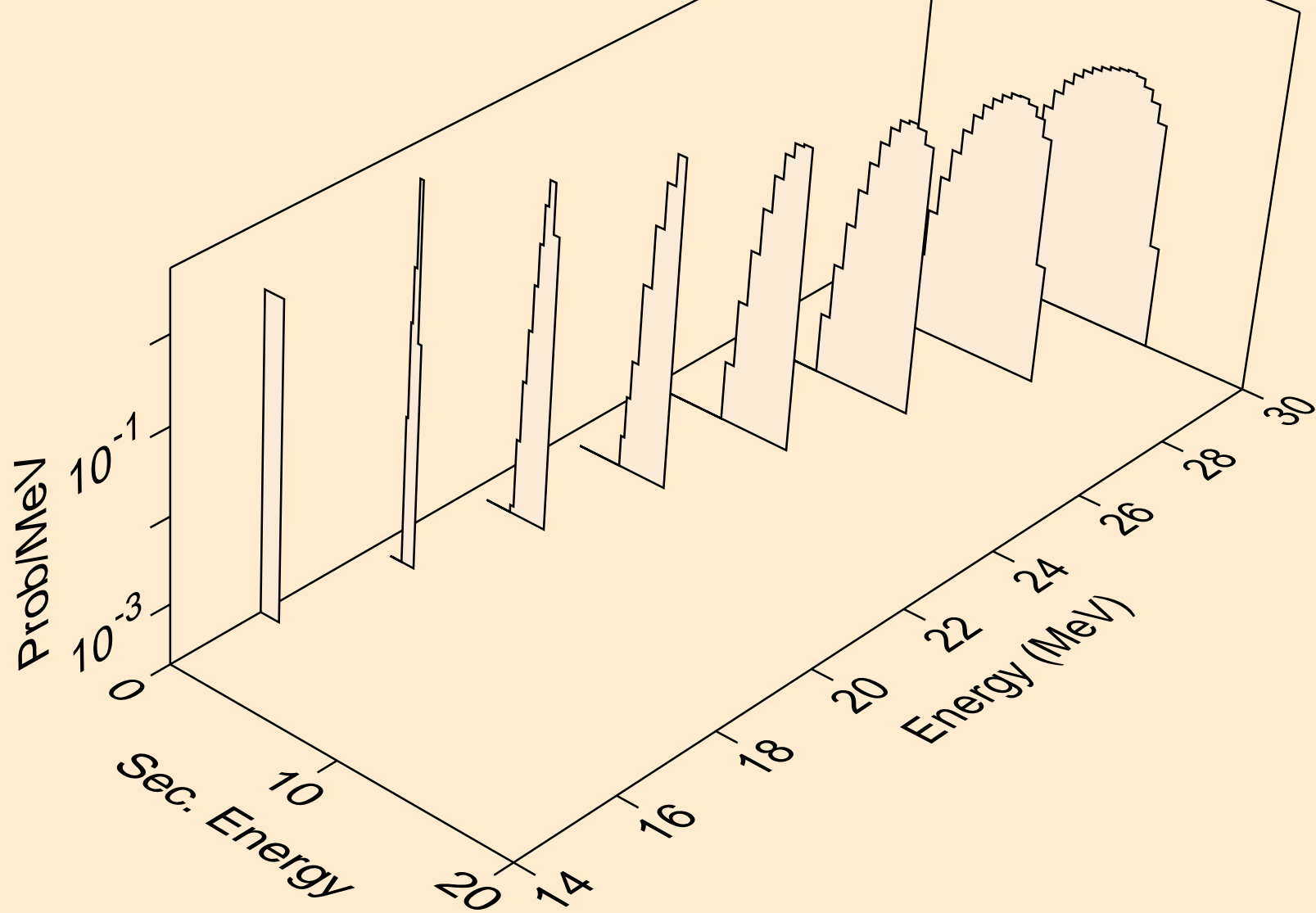




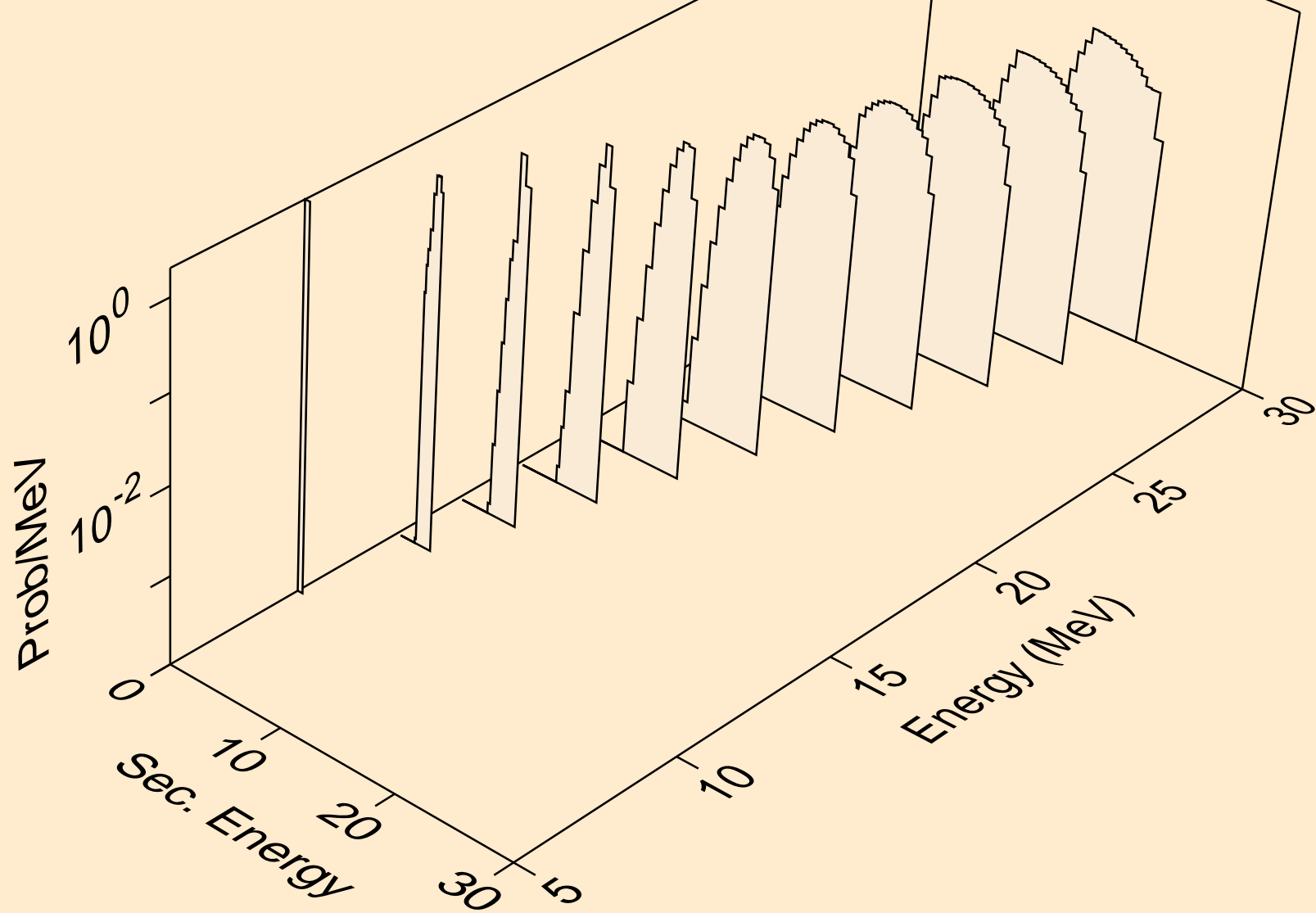
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



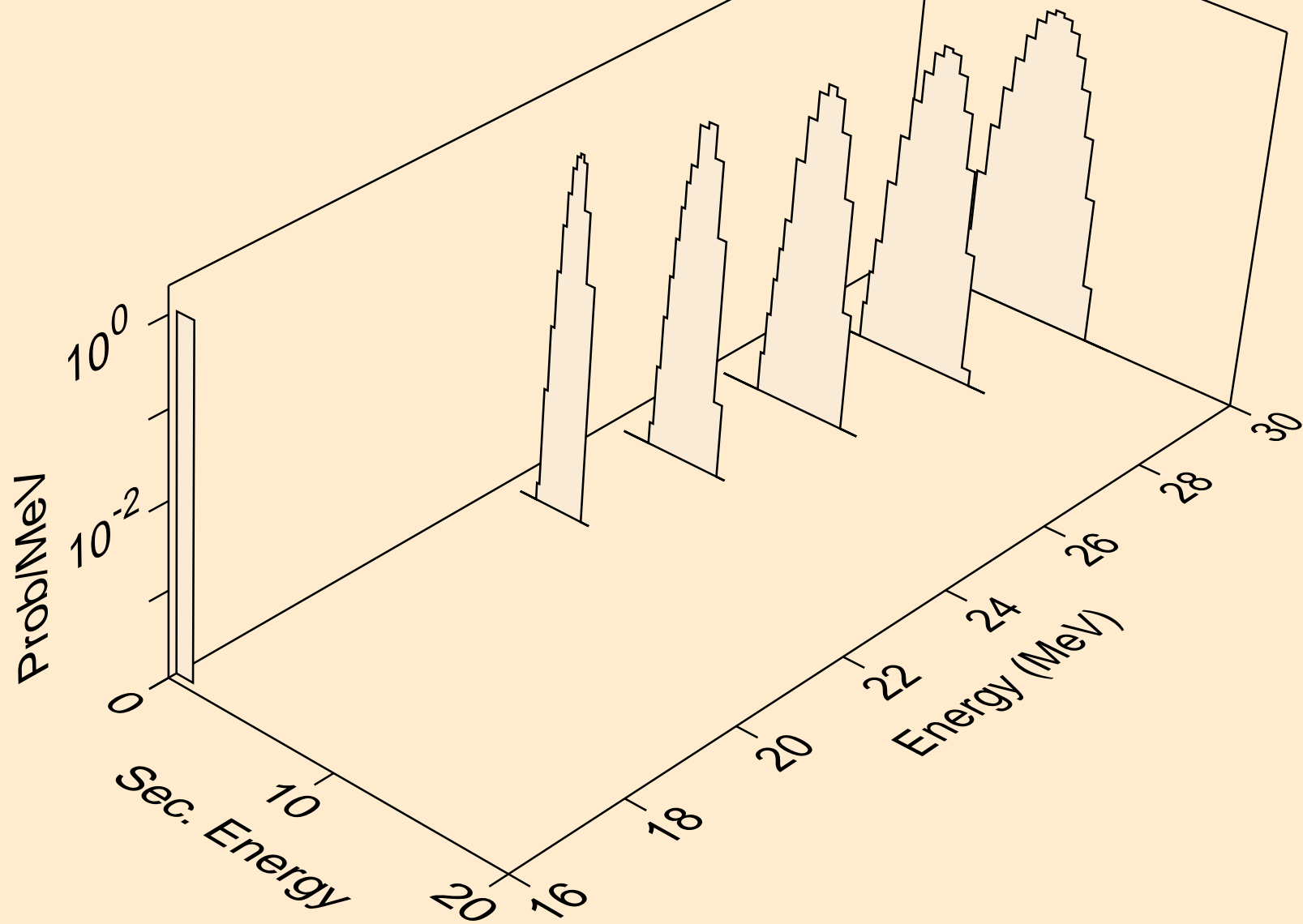
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



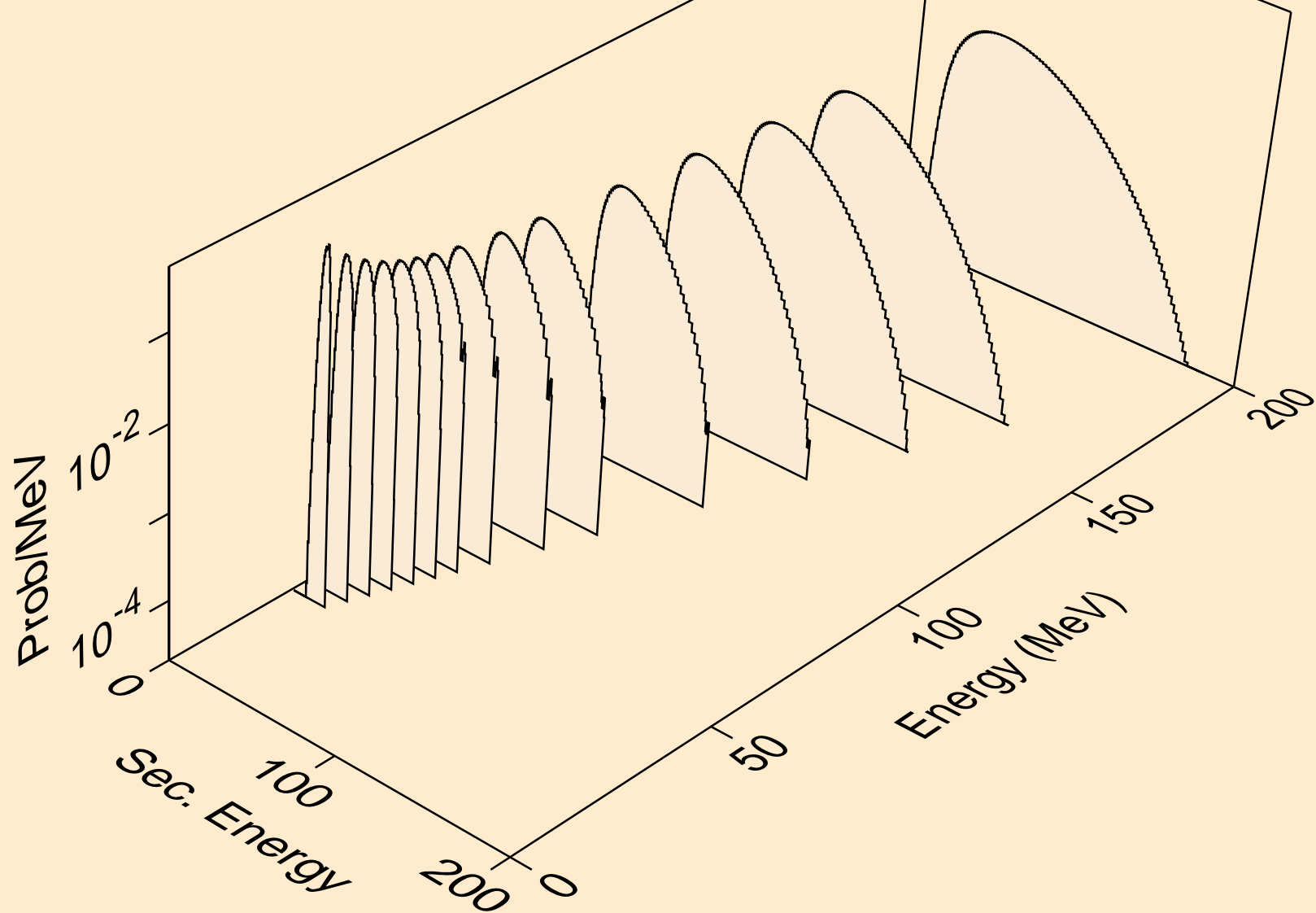
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tritons from (n,t)



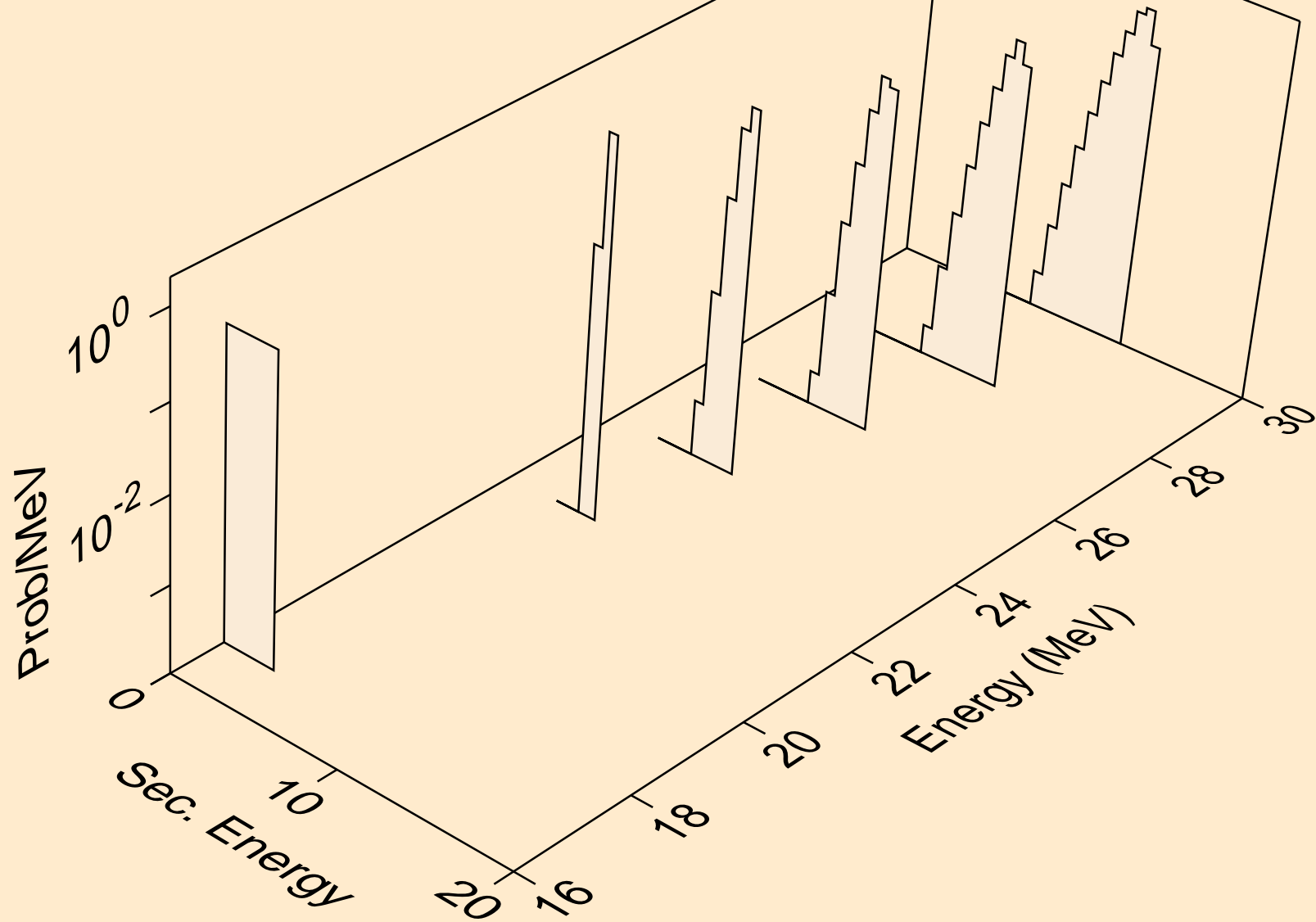
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



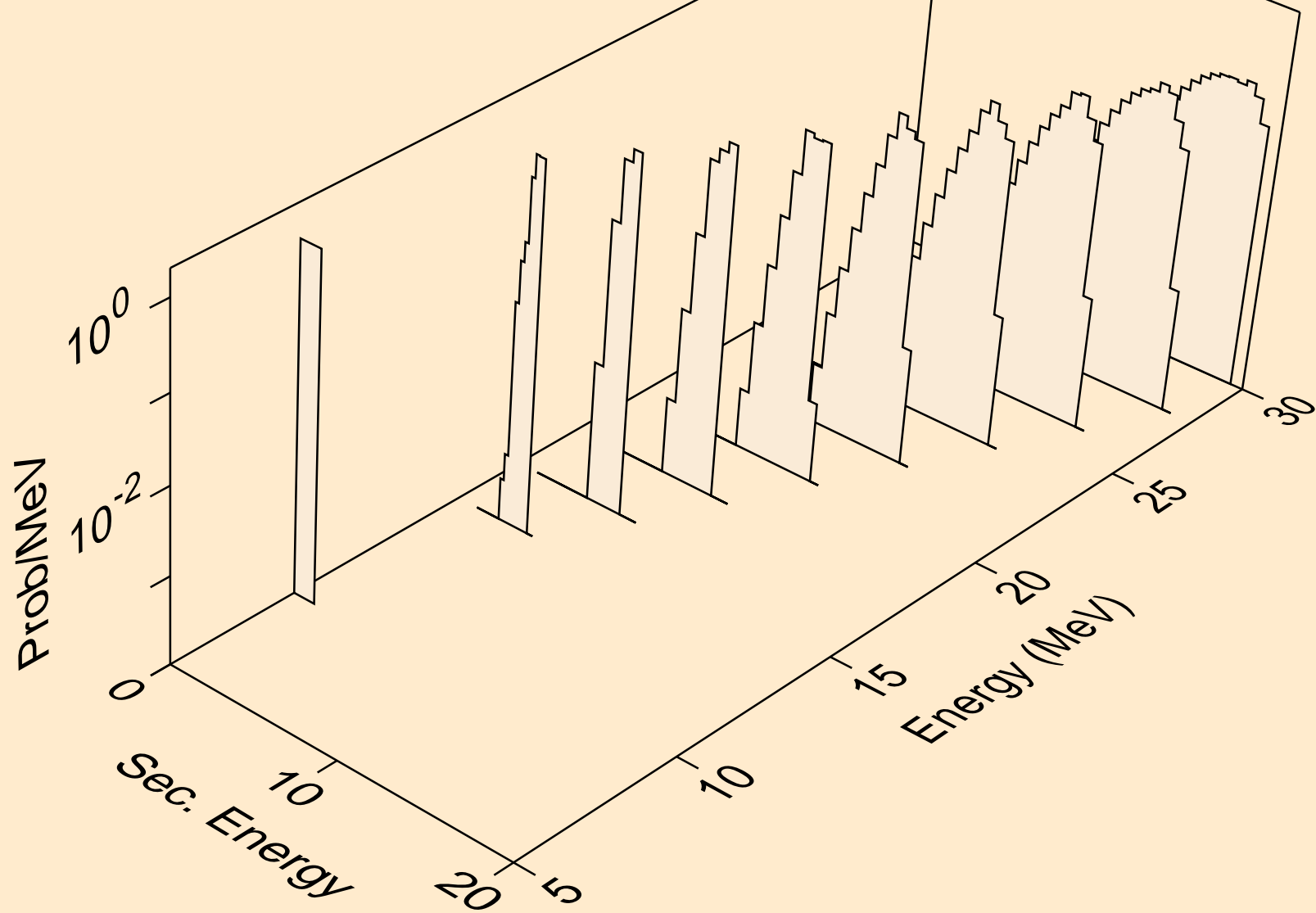
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



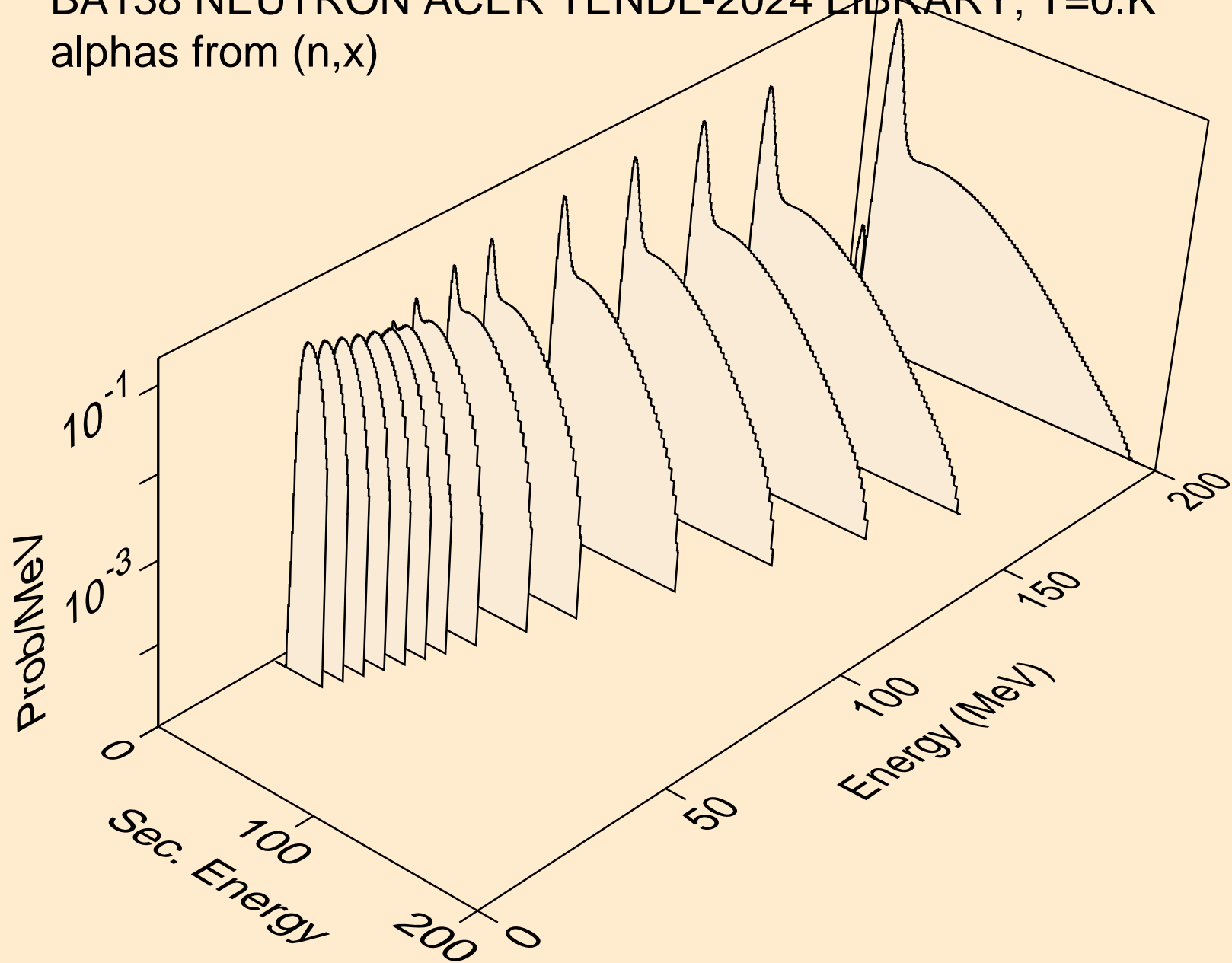
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

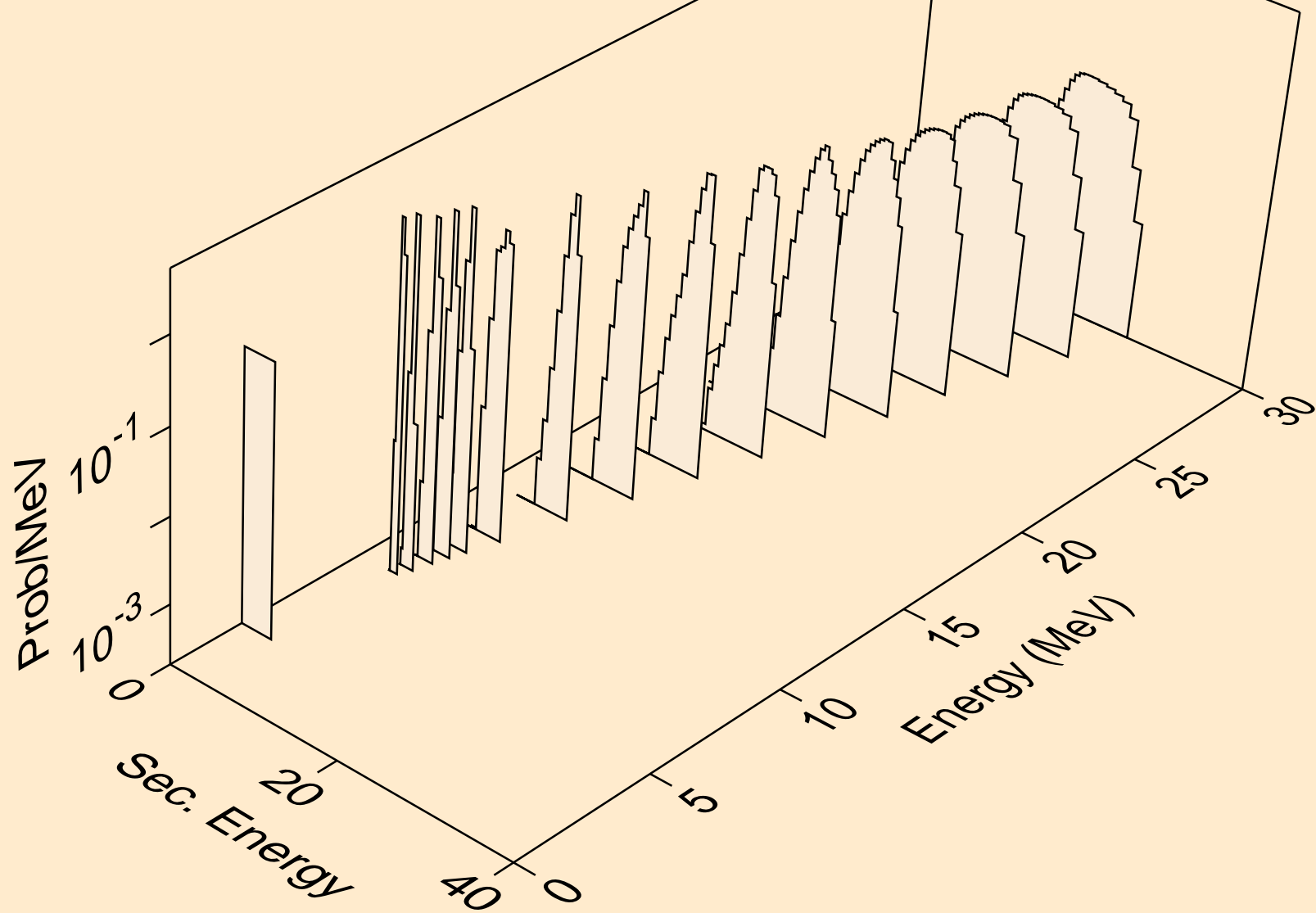


BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

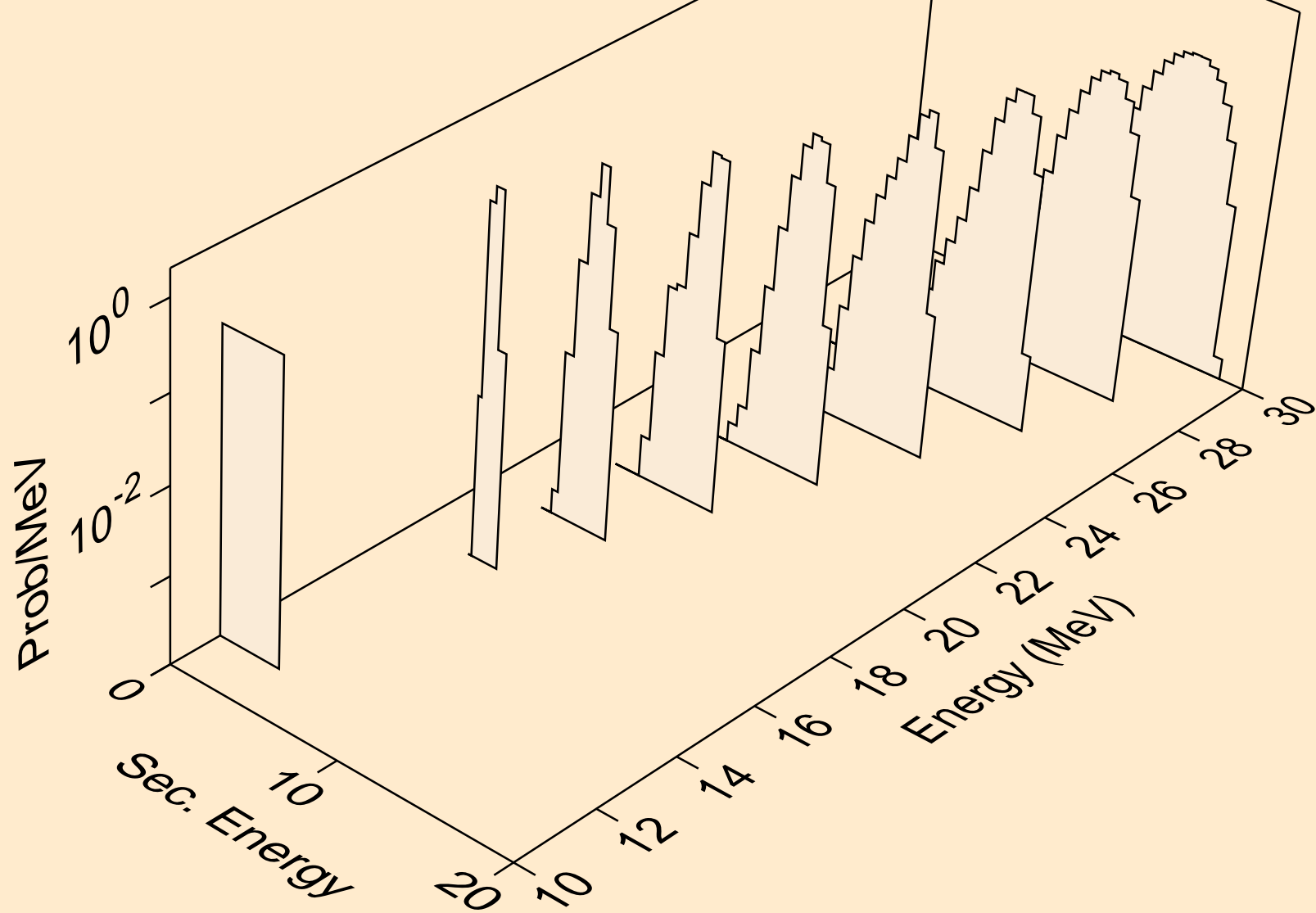




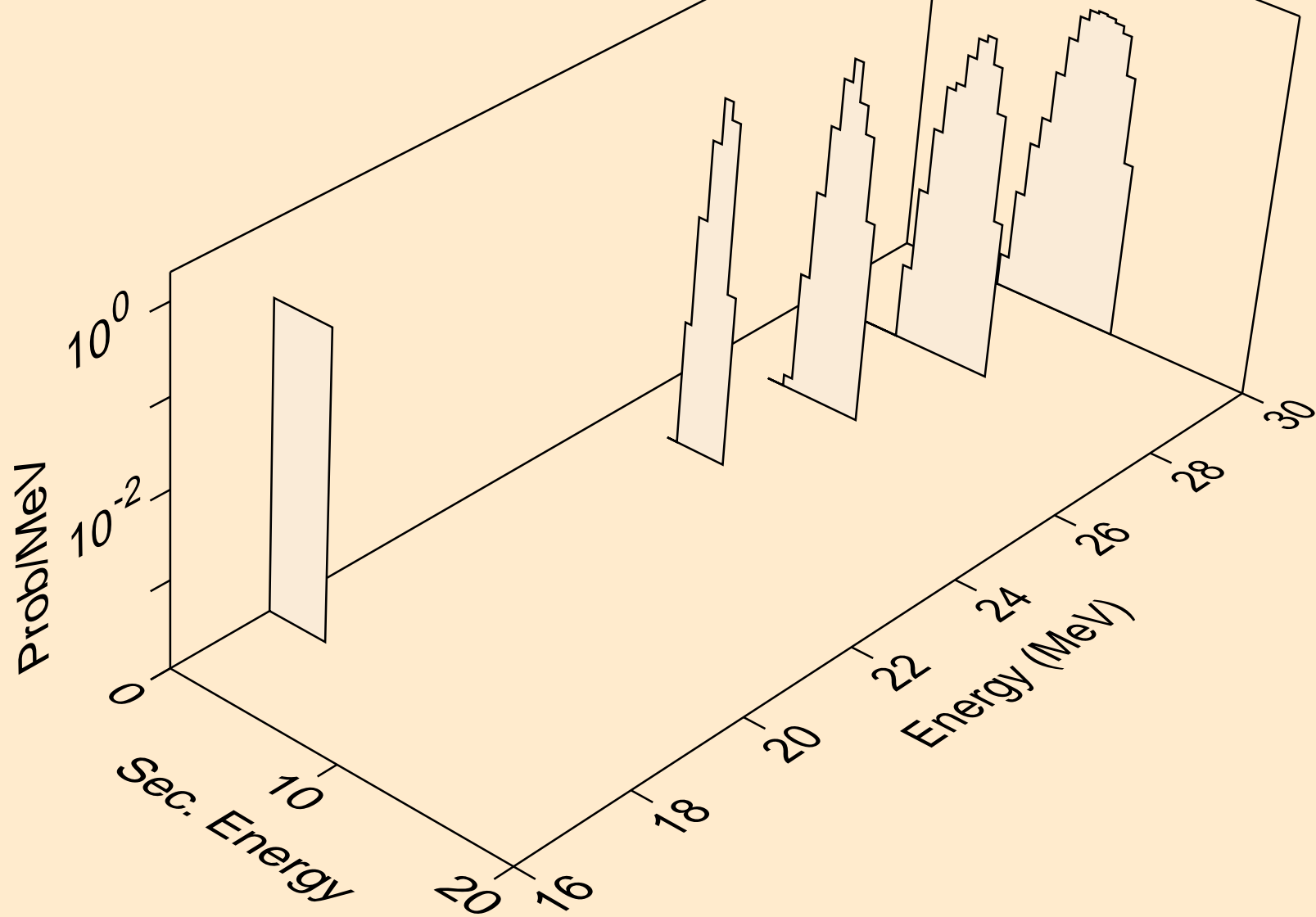
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



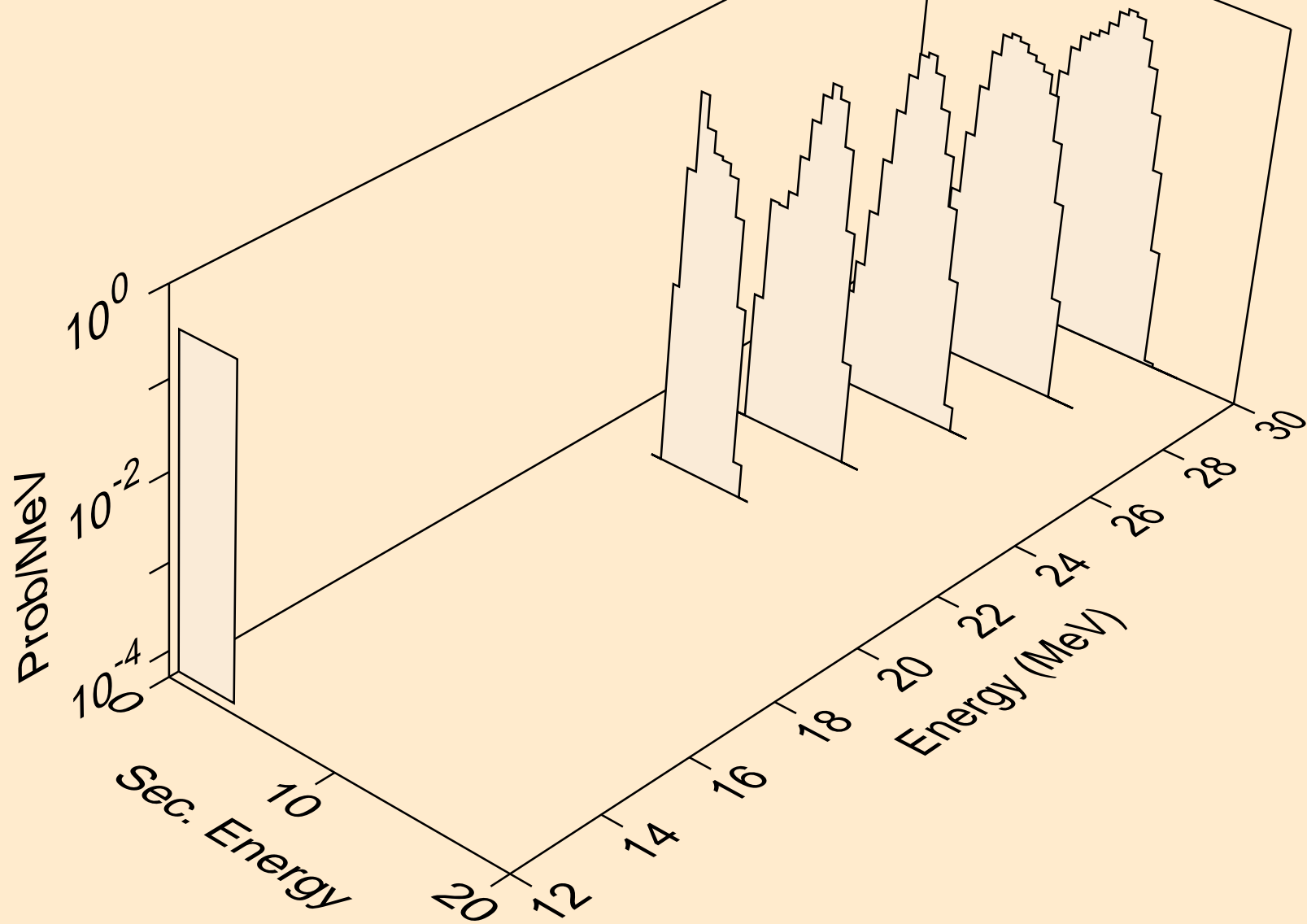
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



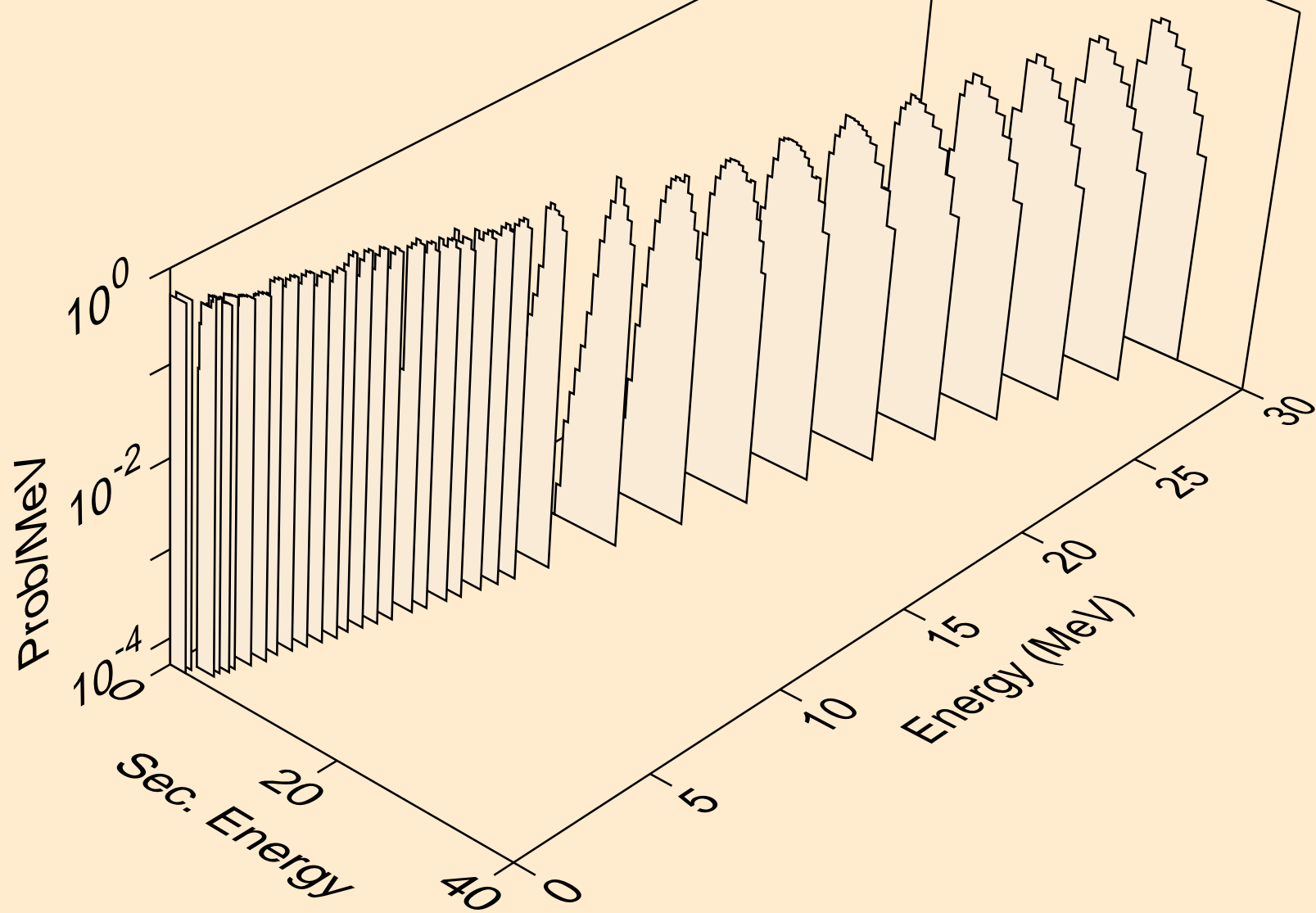
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



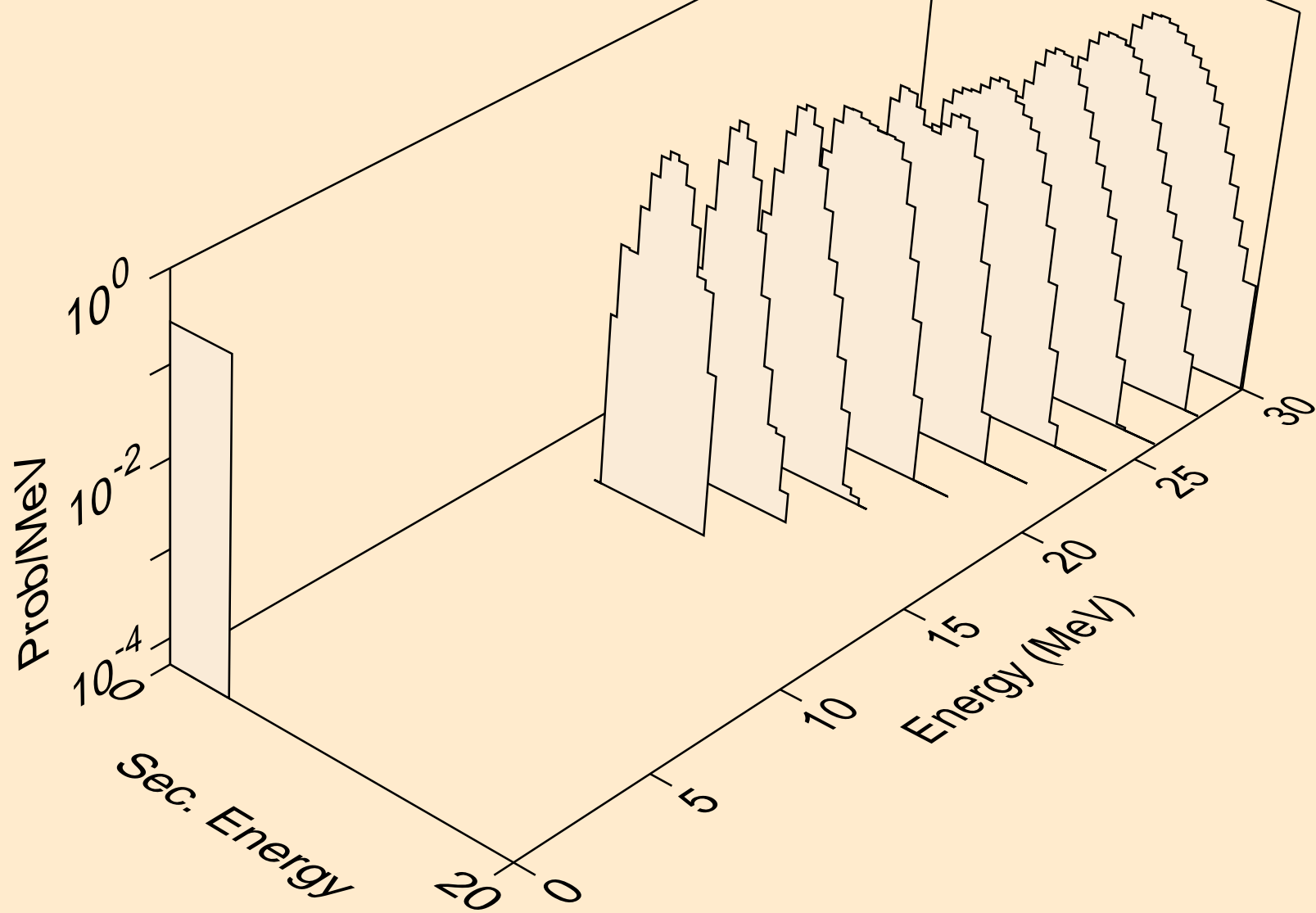
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



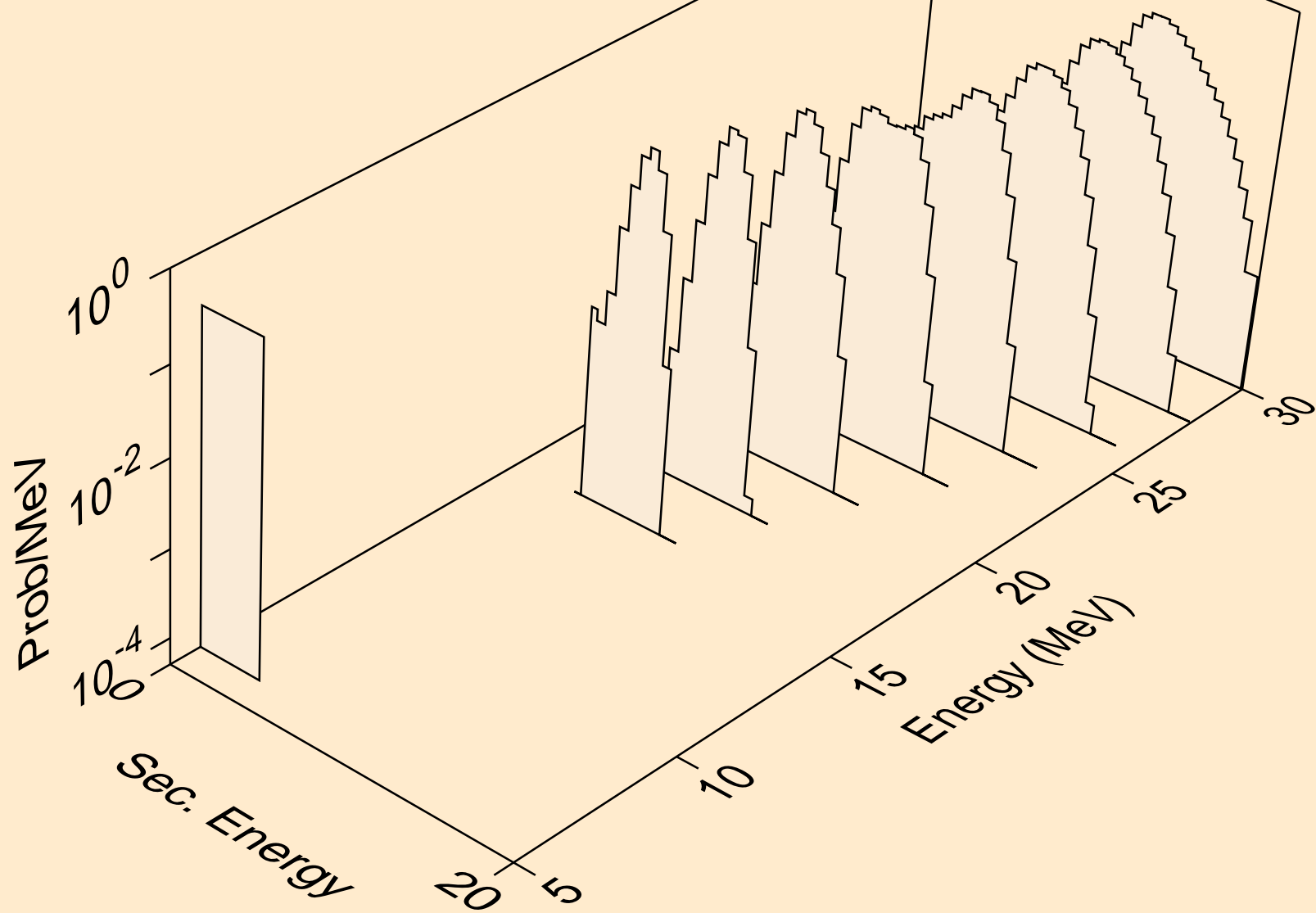
BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



BA138 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

