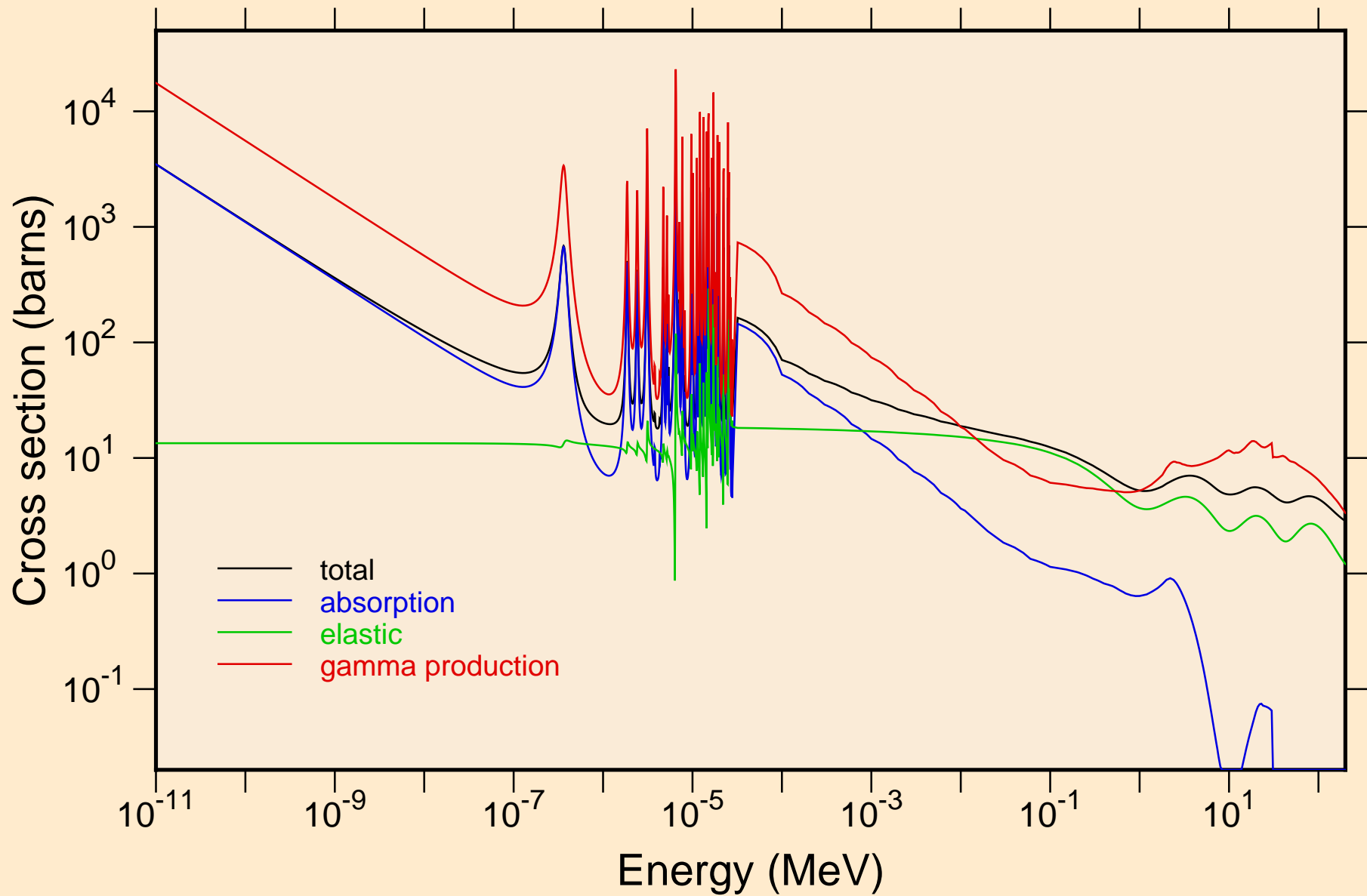
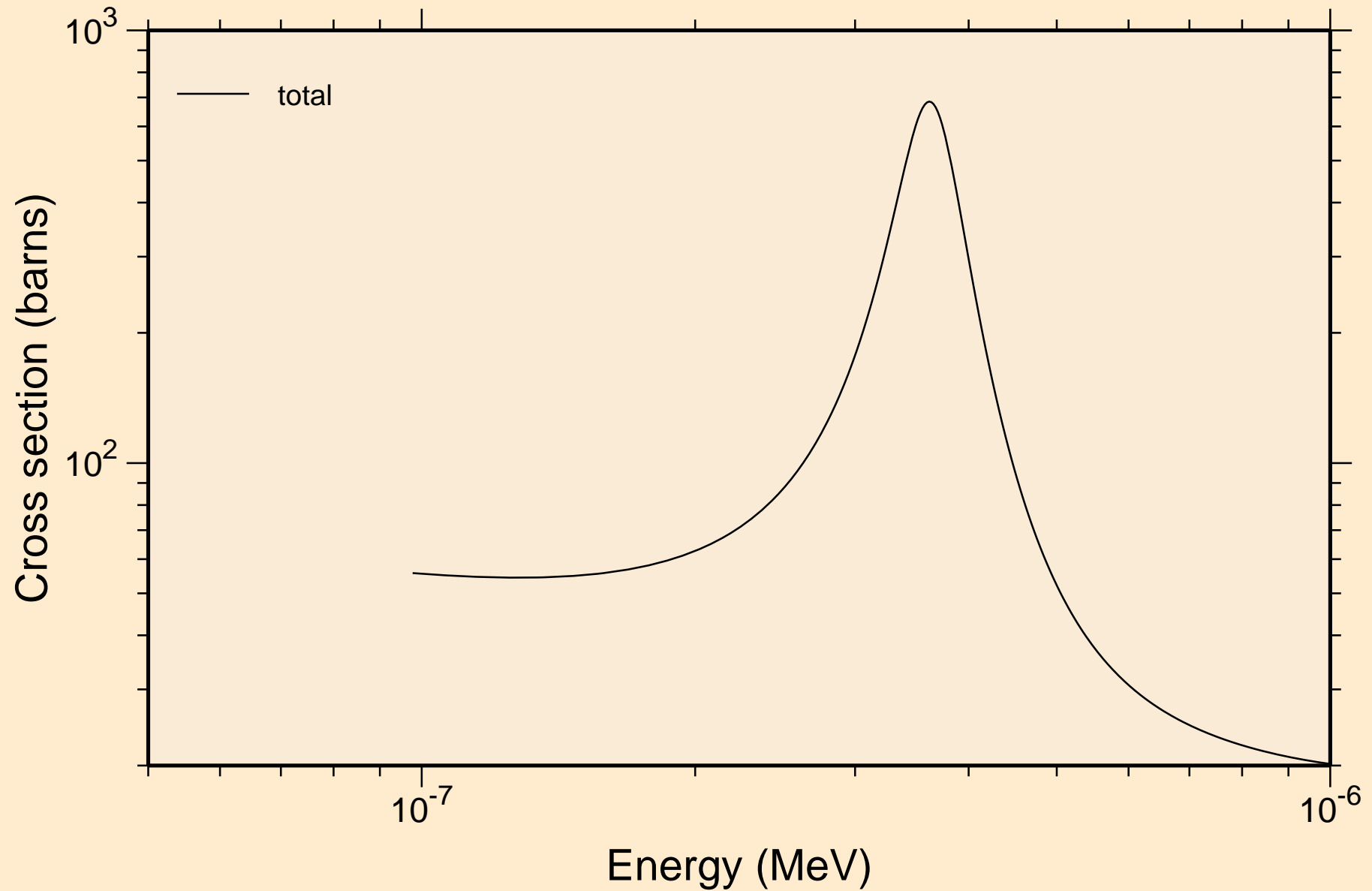


# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

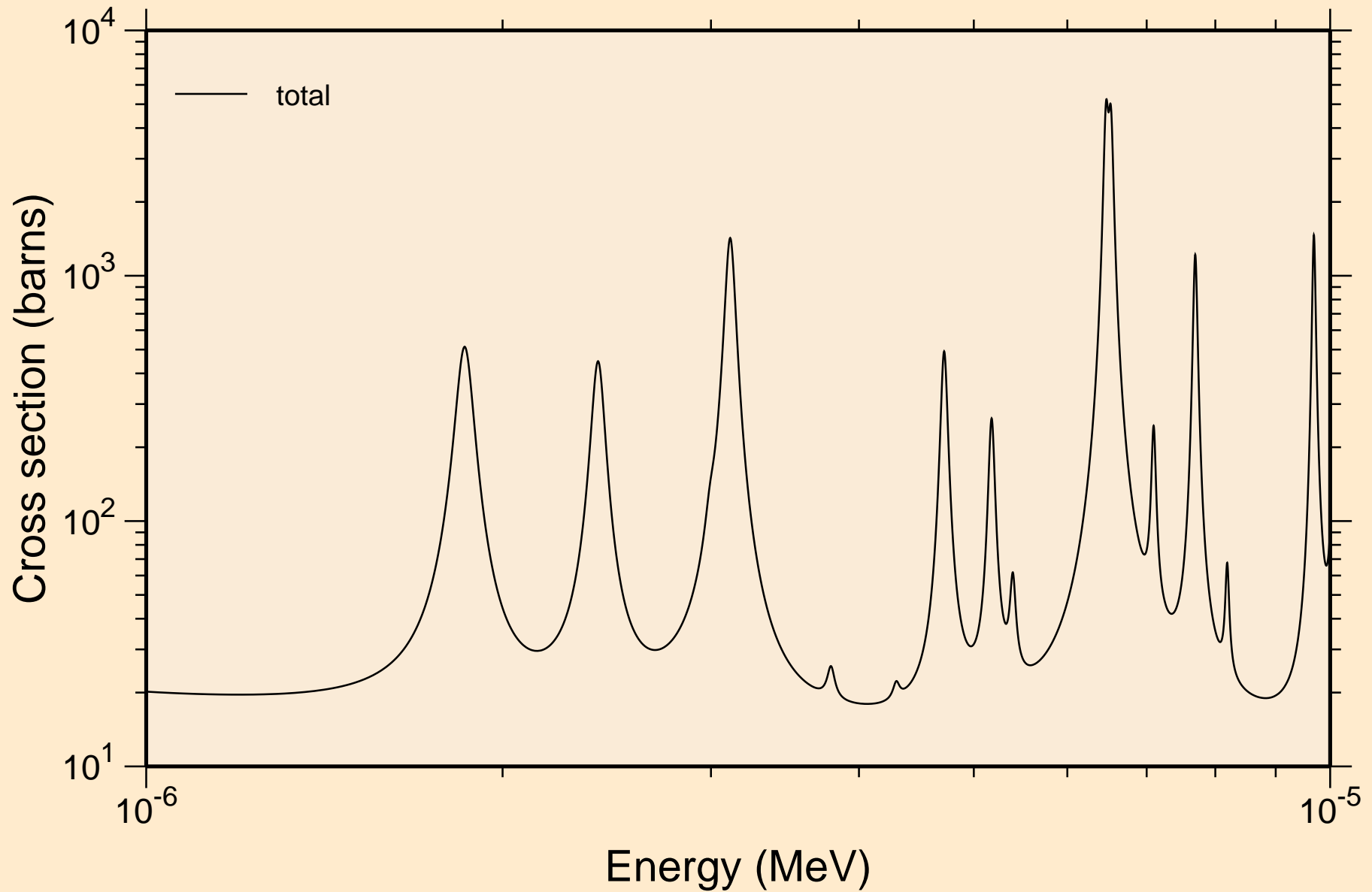
## Principal cross sections



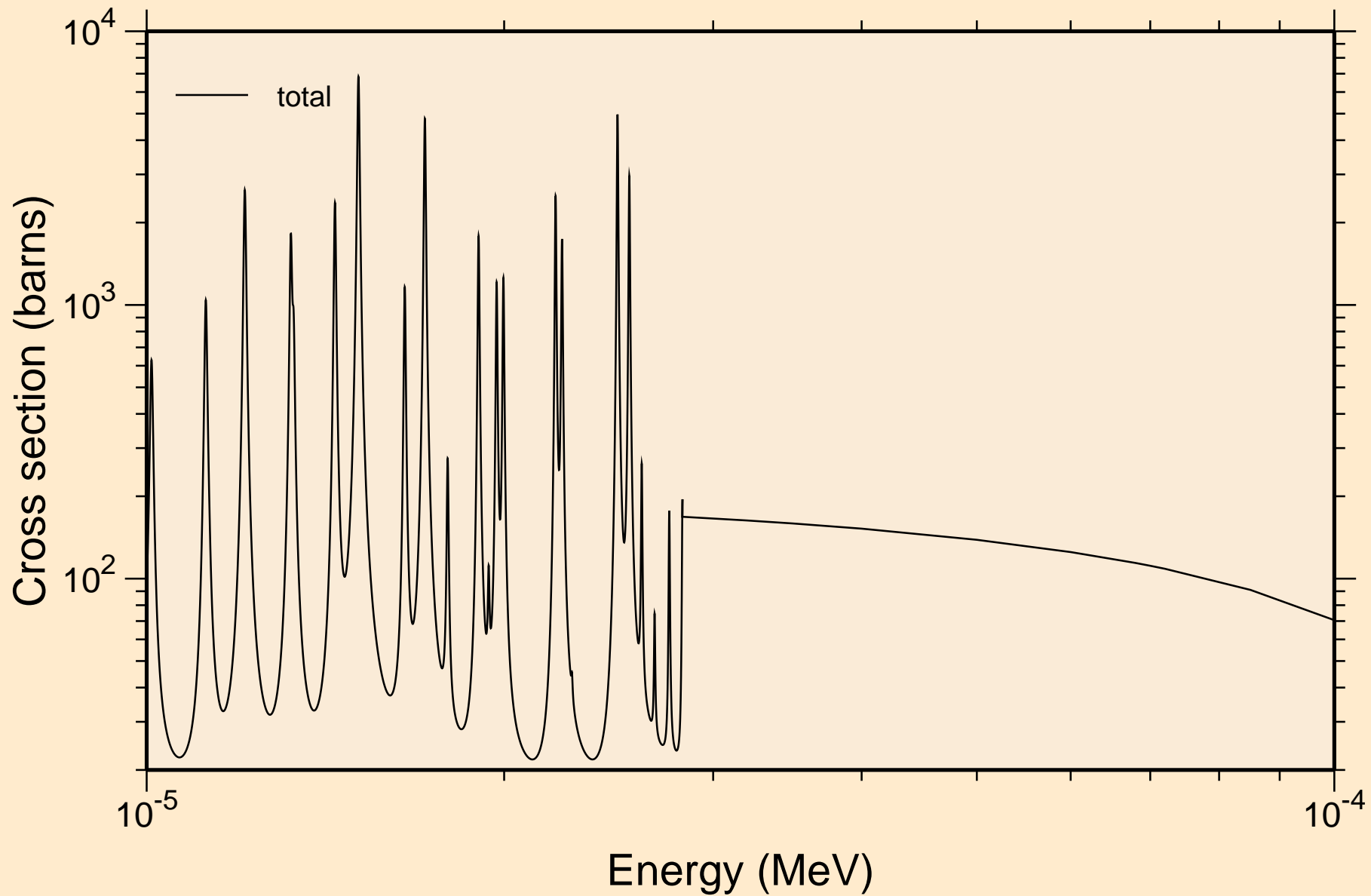
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



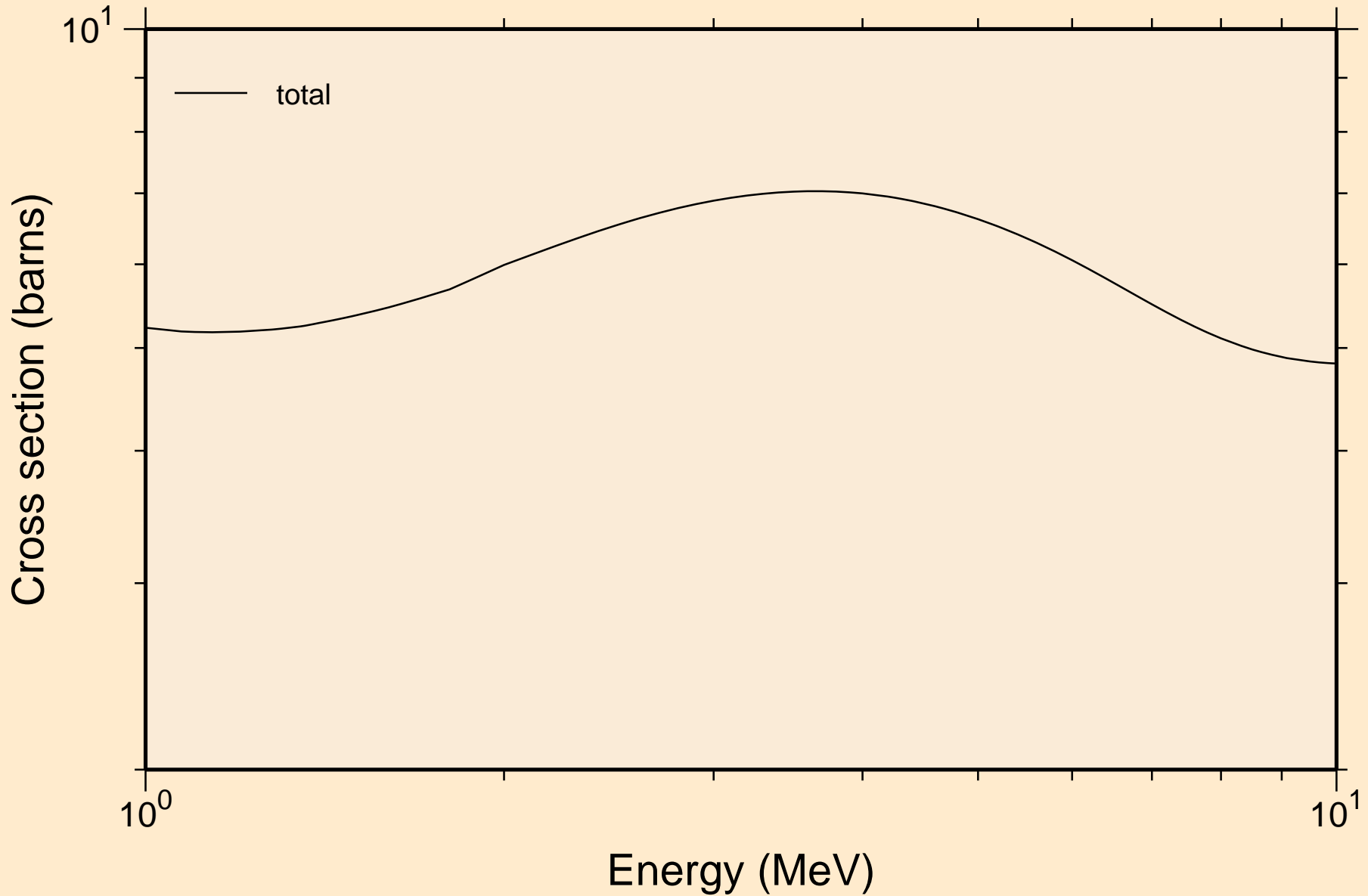
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



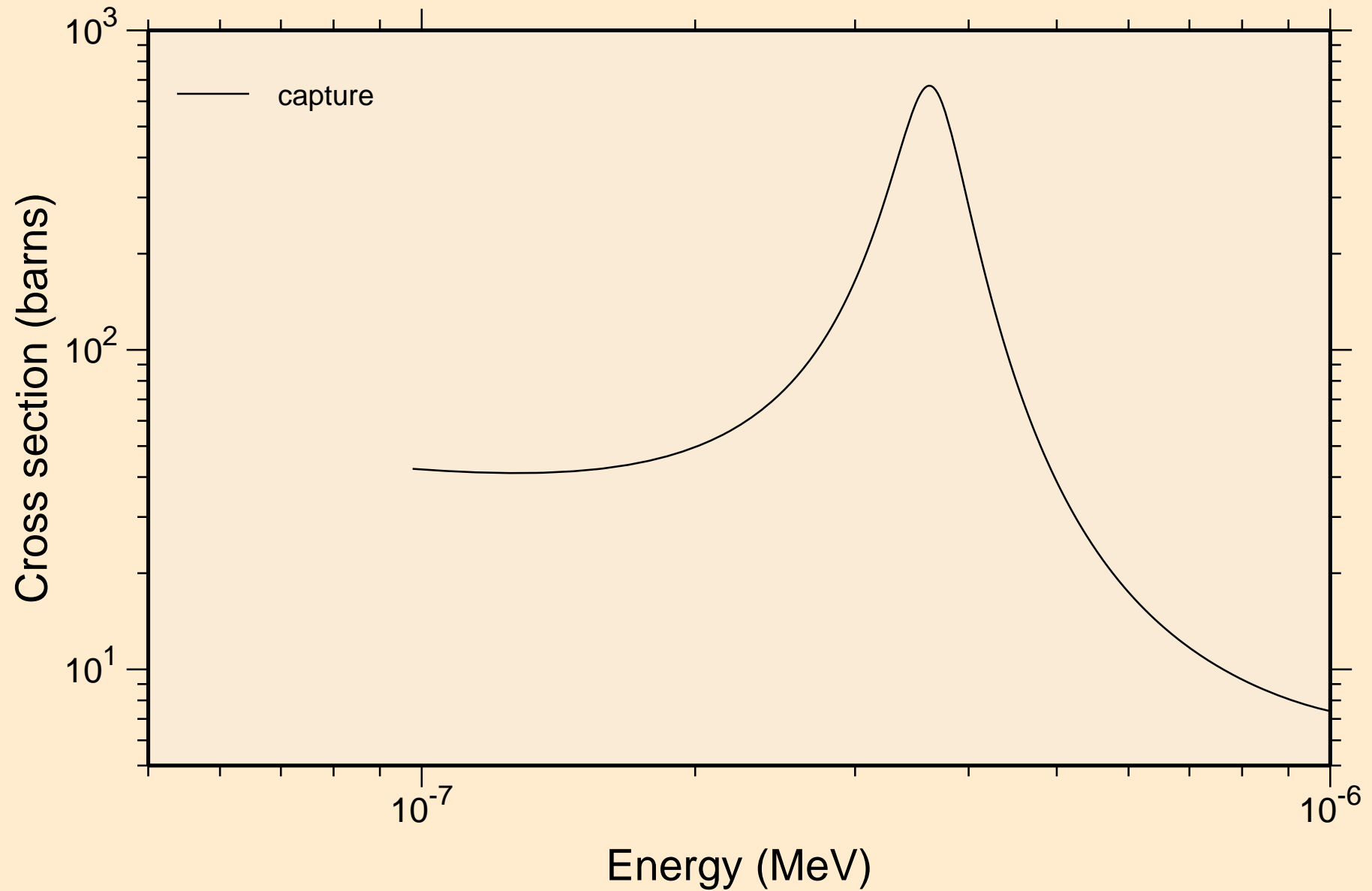
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



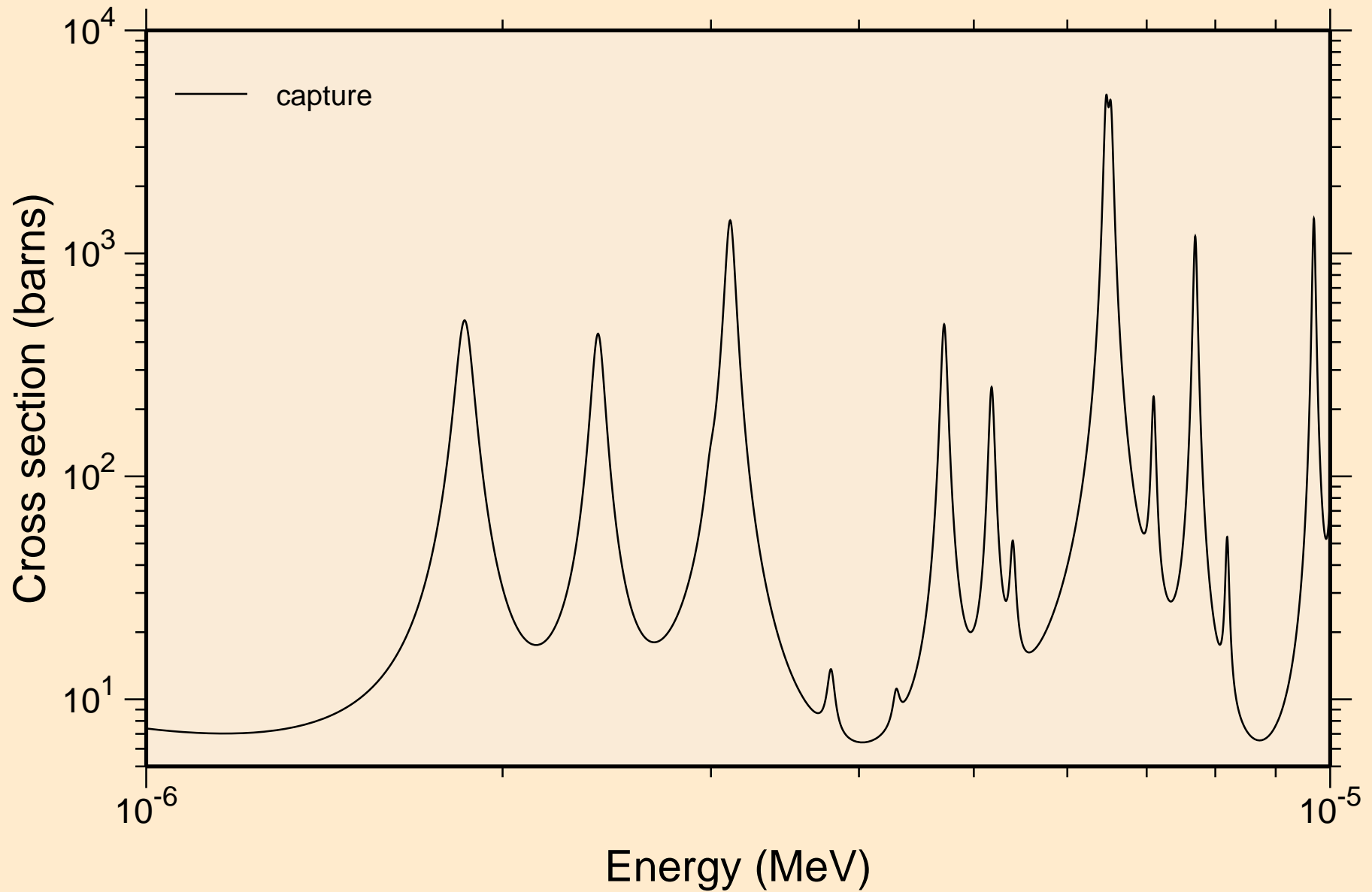
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



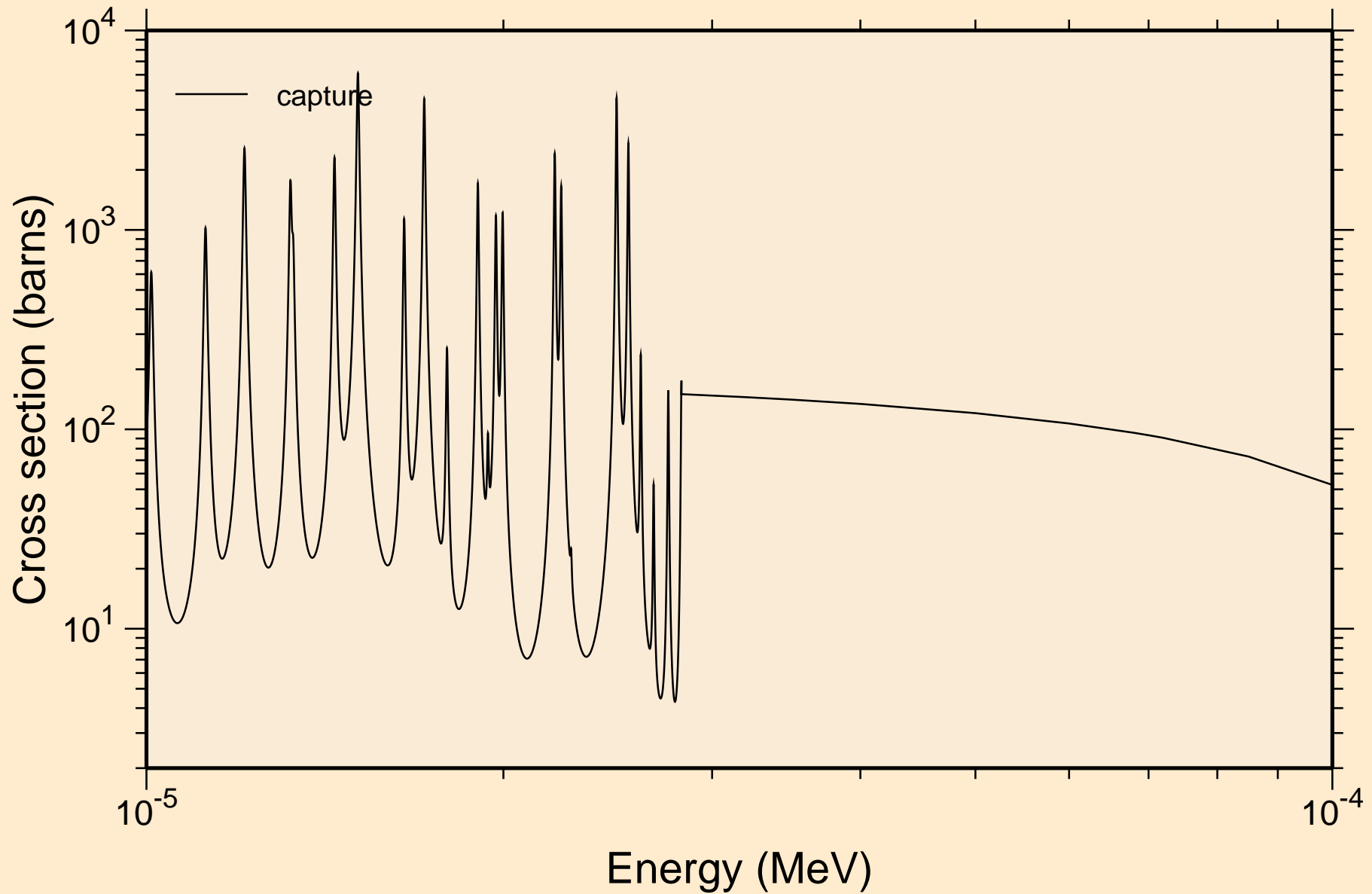
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

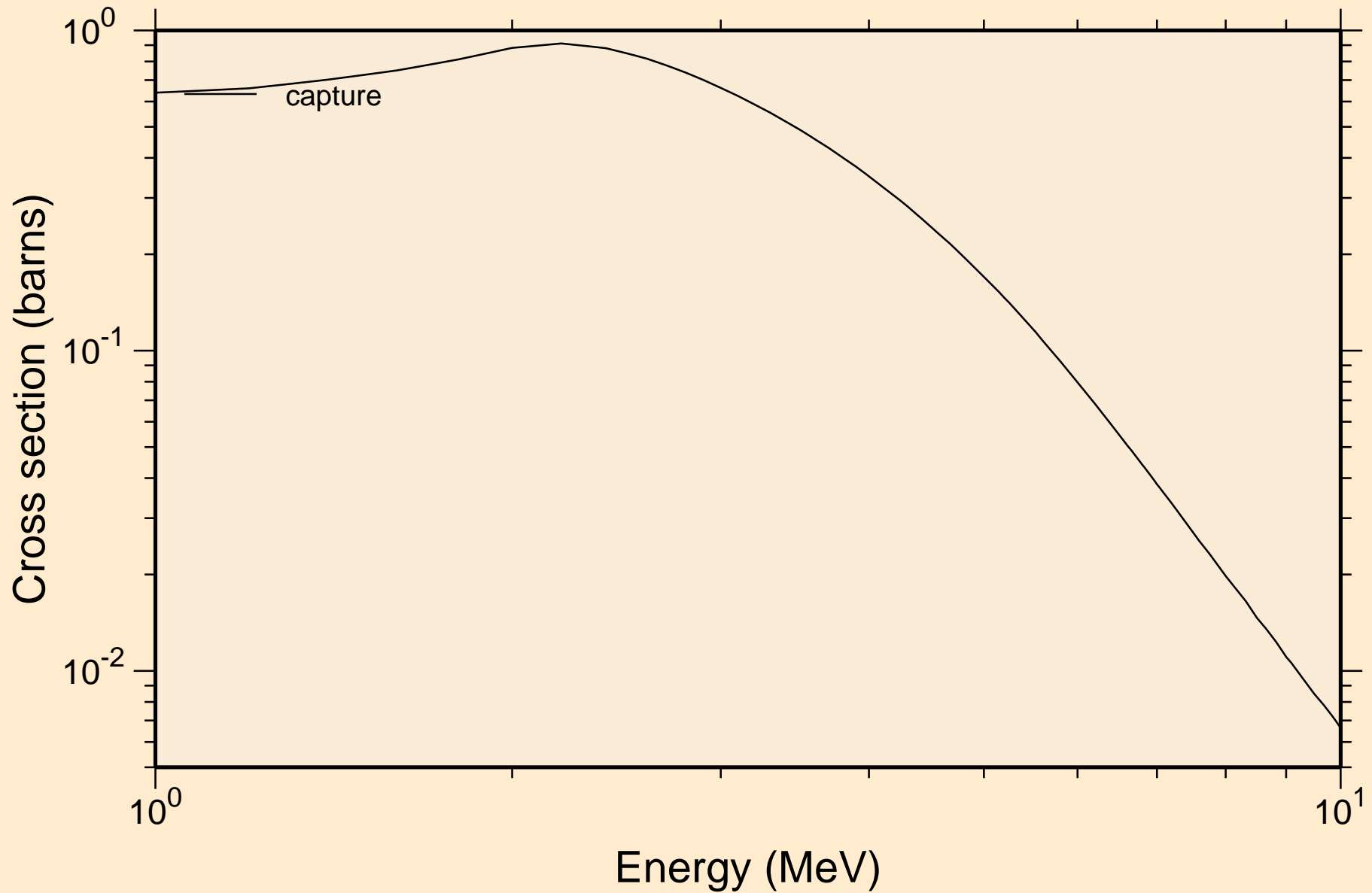


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

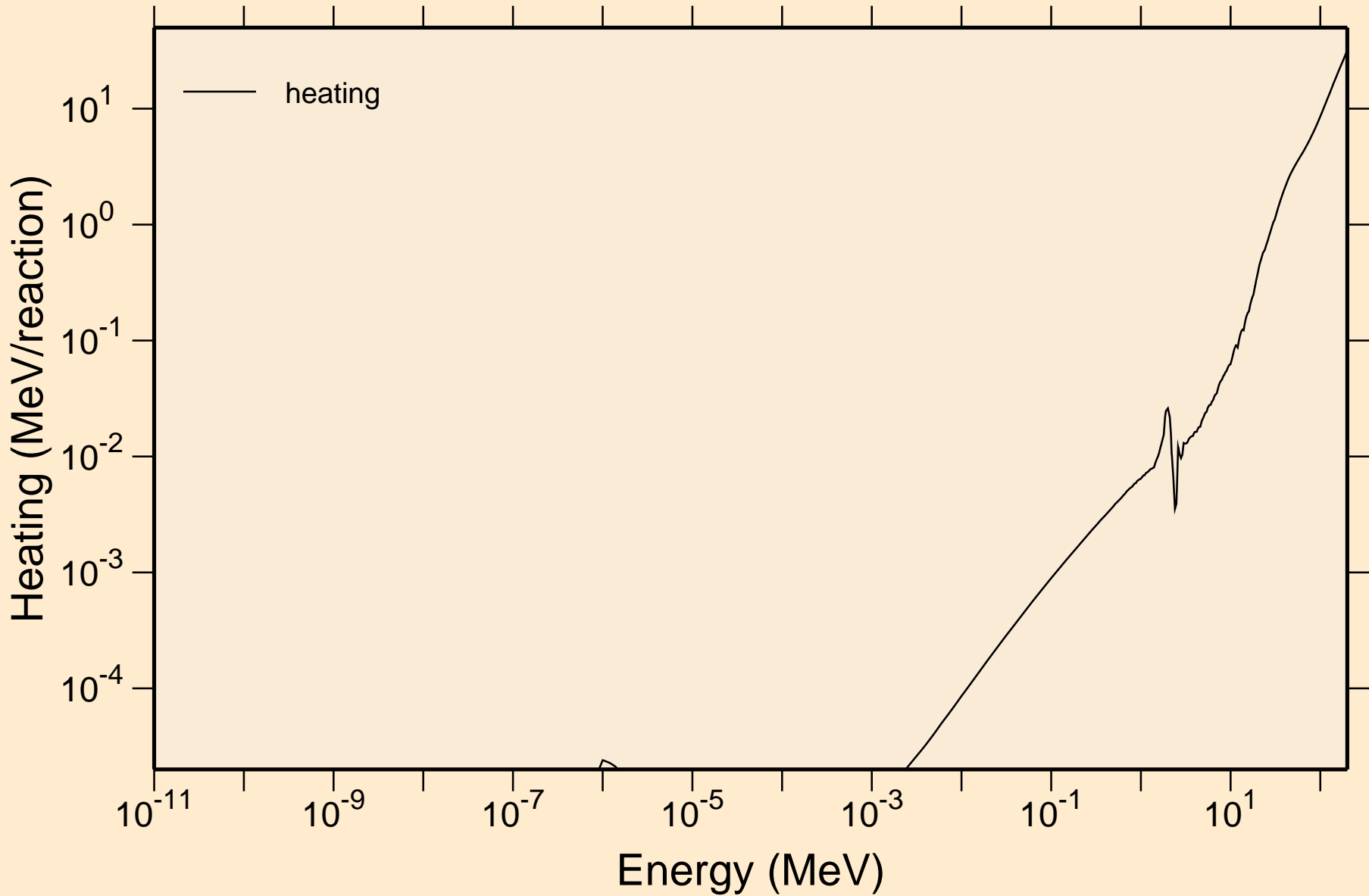




AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

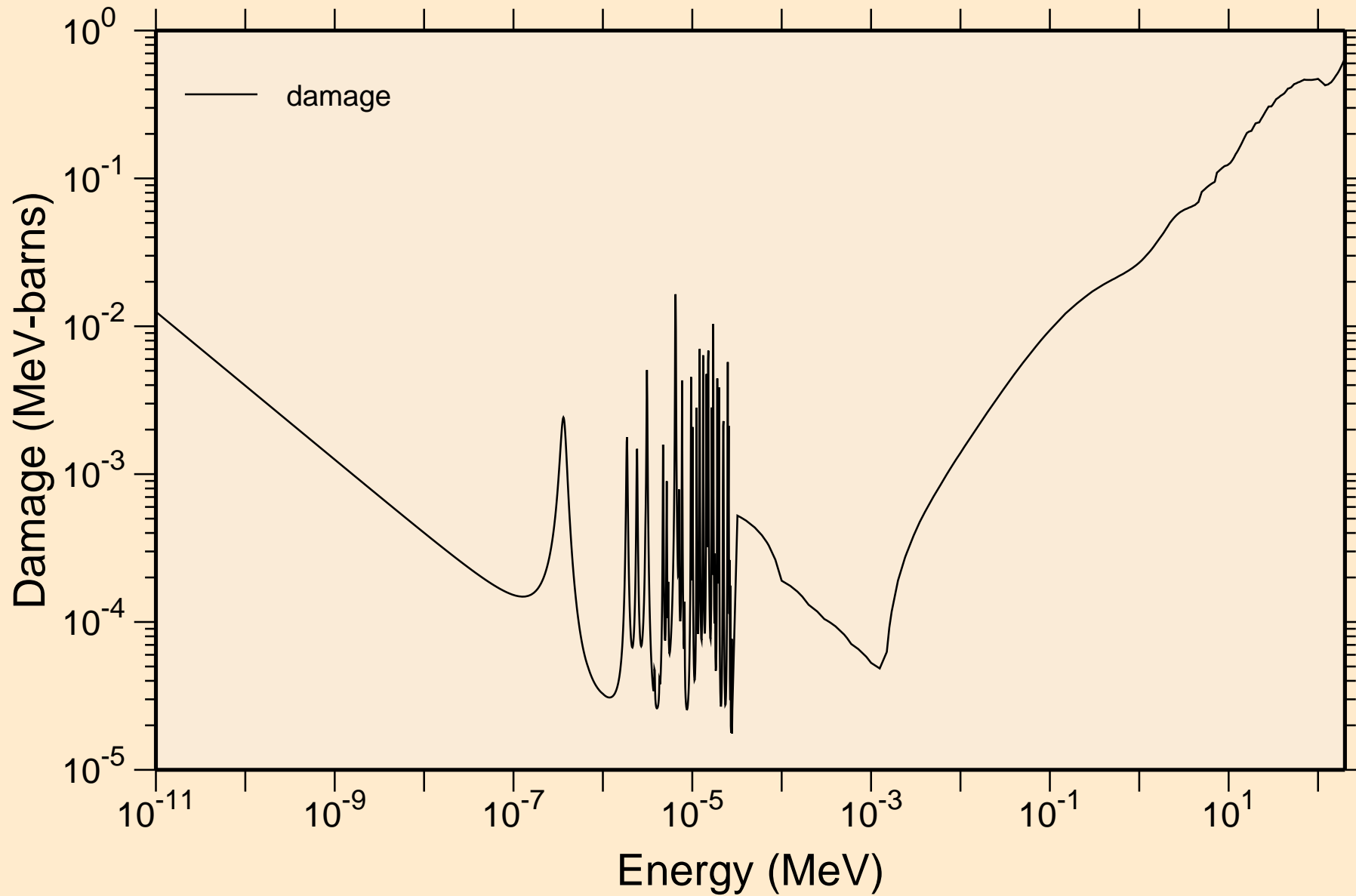


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



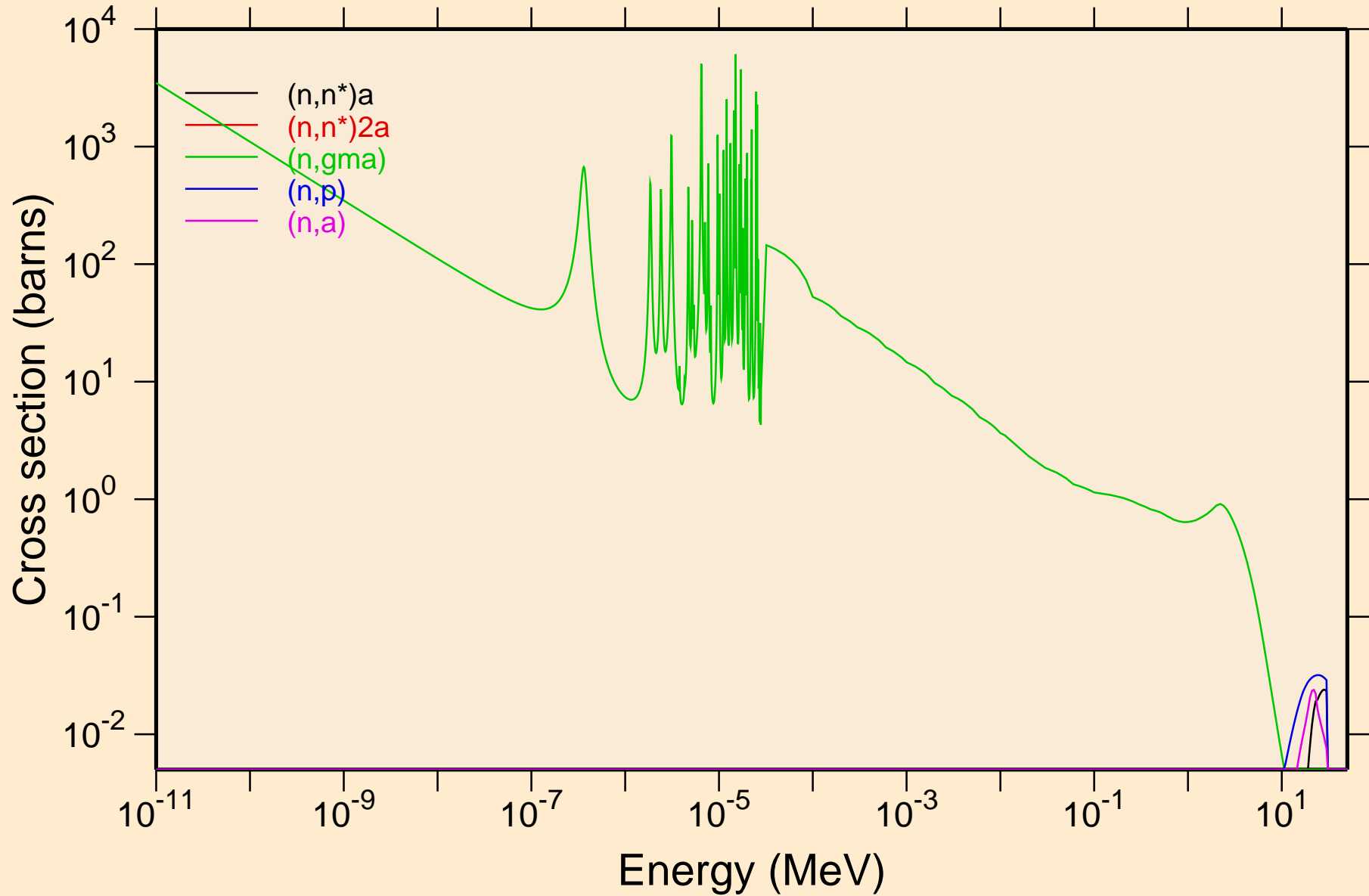
# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

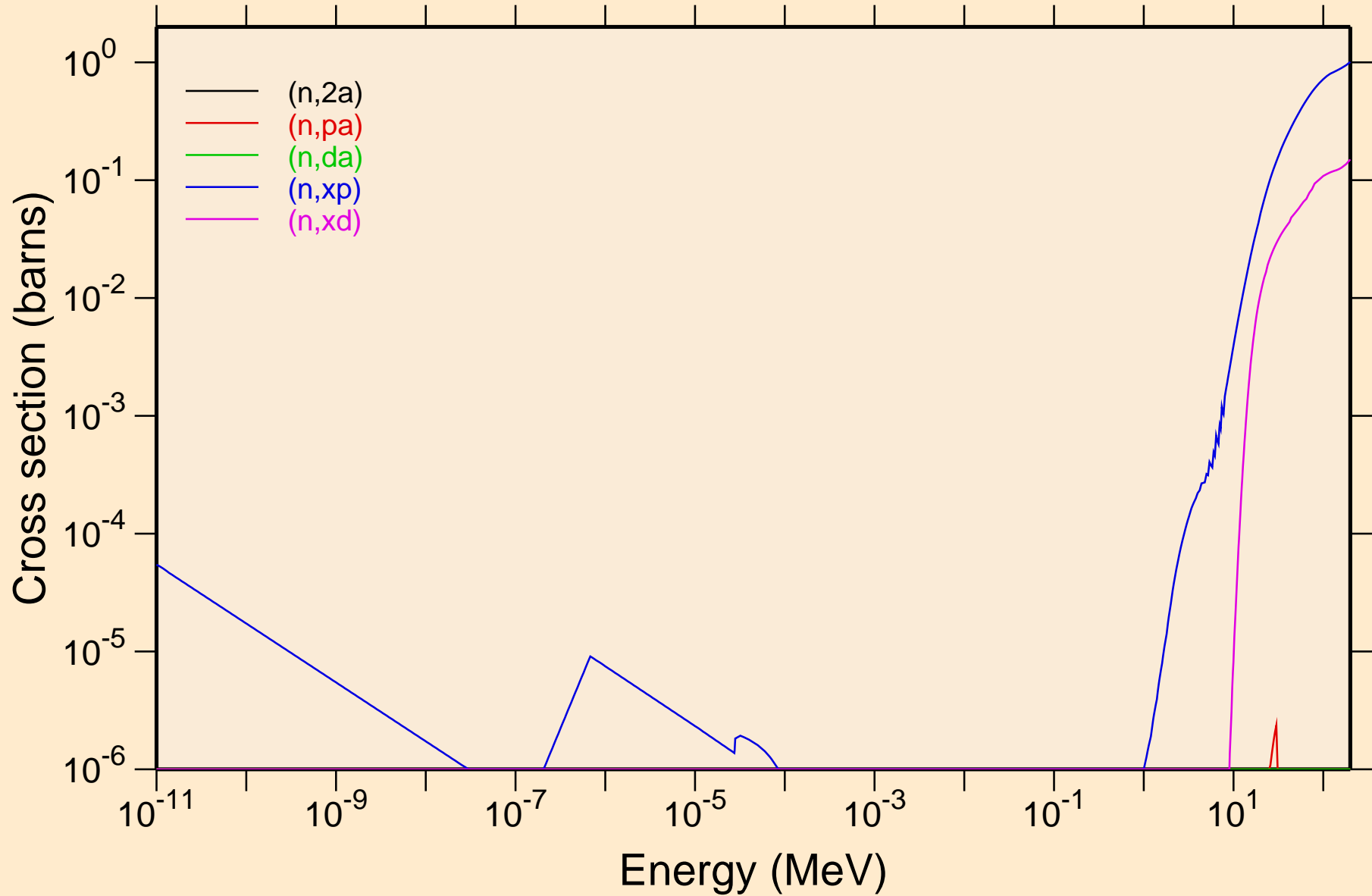


# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

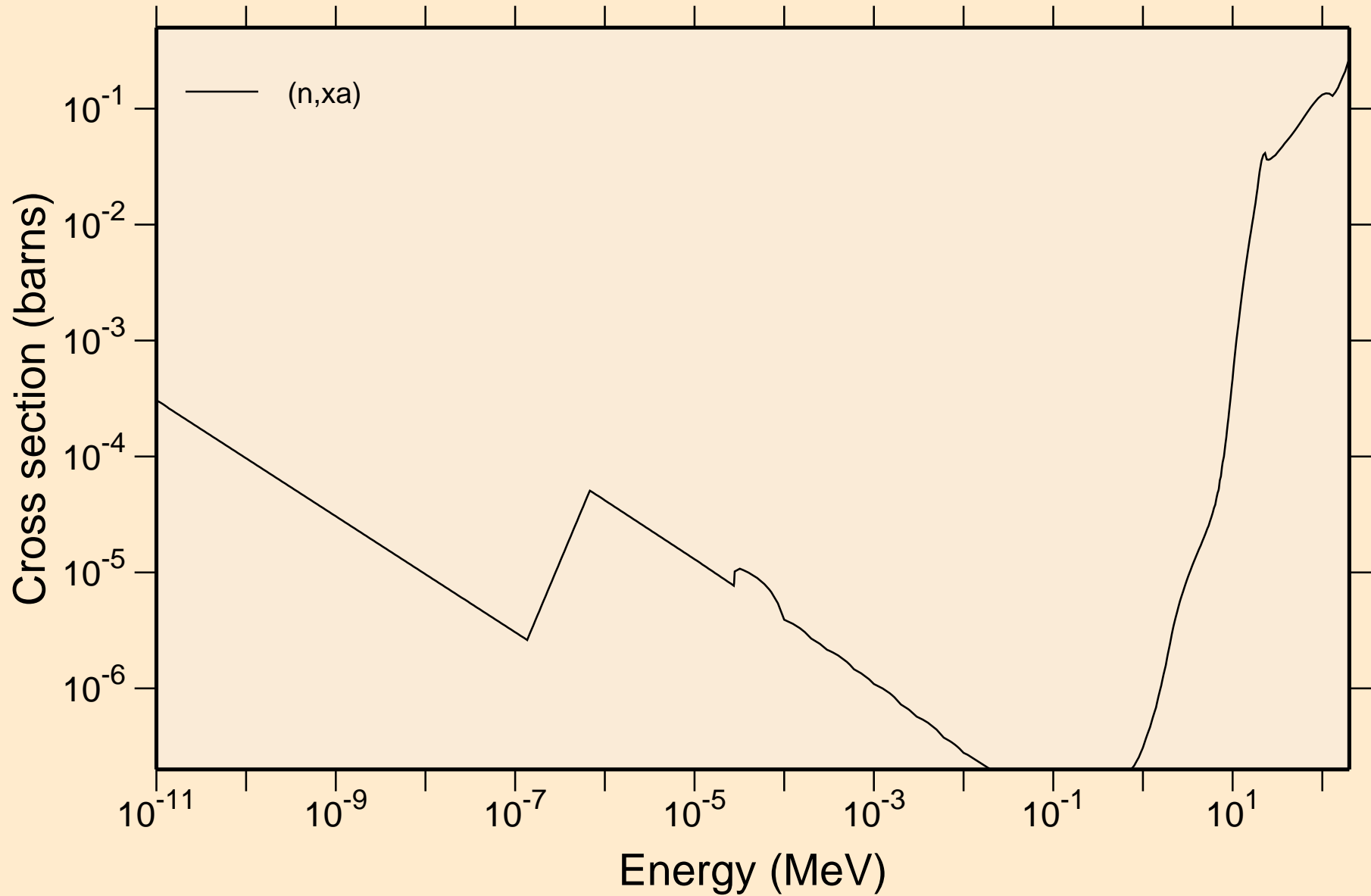
## Non-threshold reactions



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

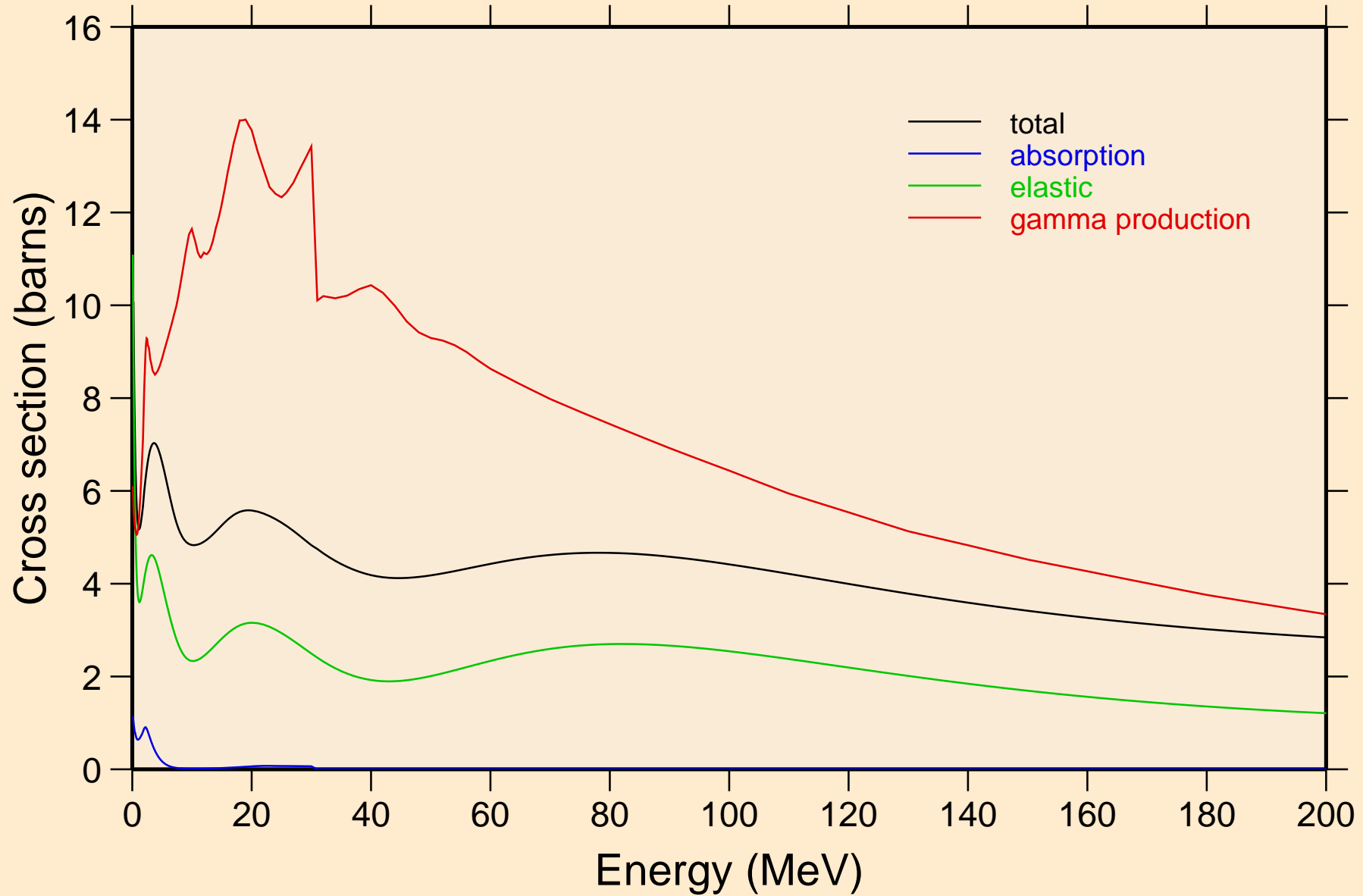


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



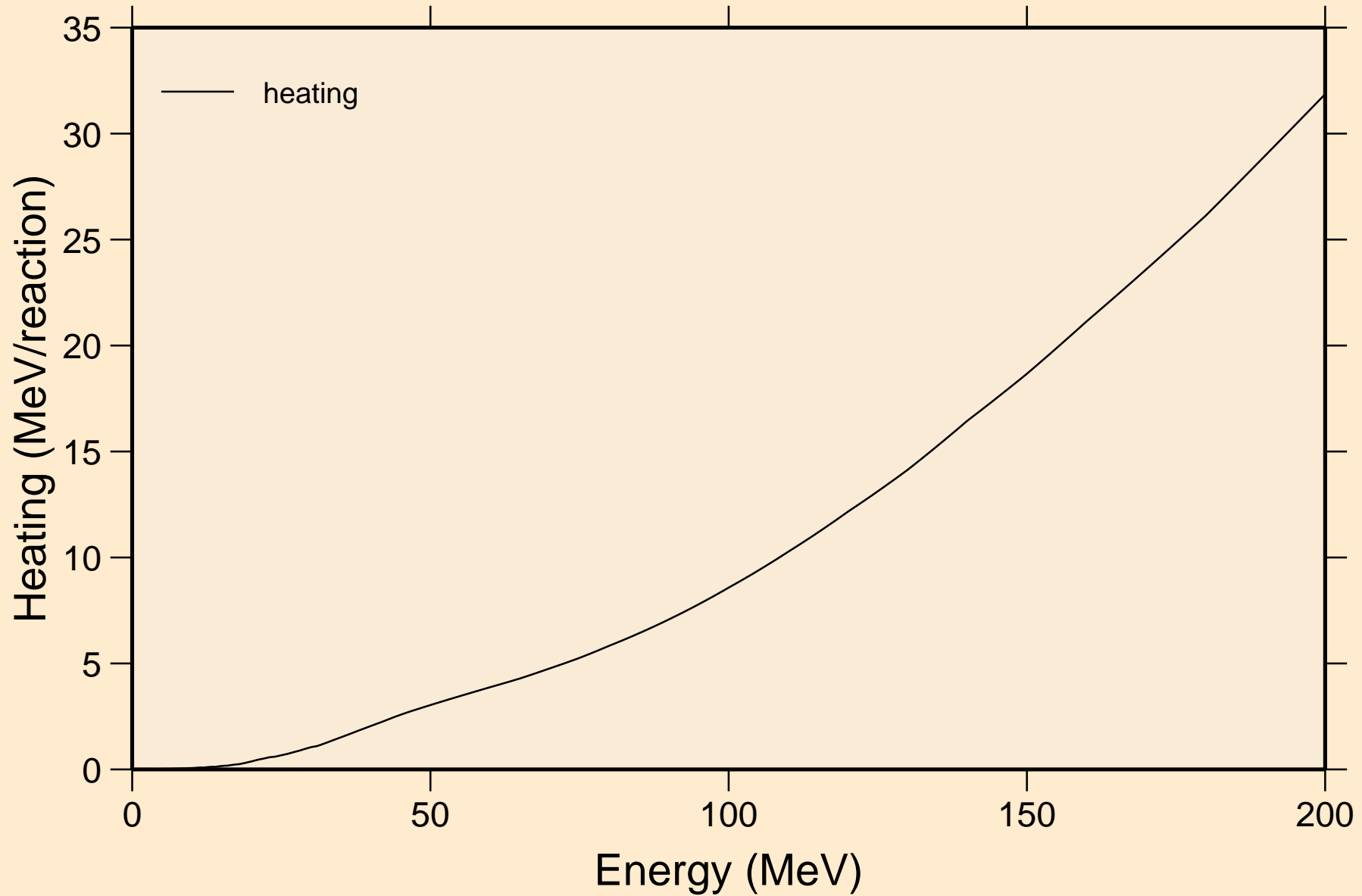
# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



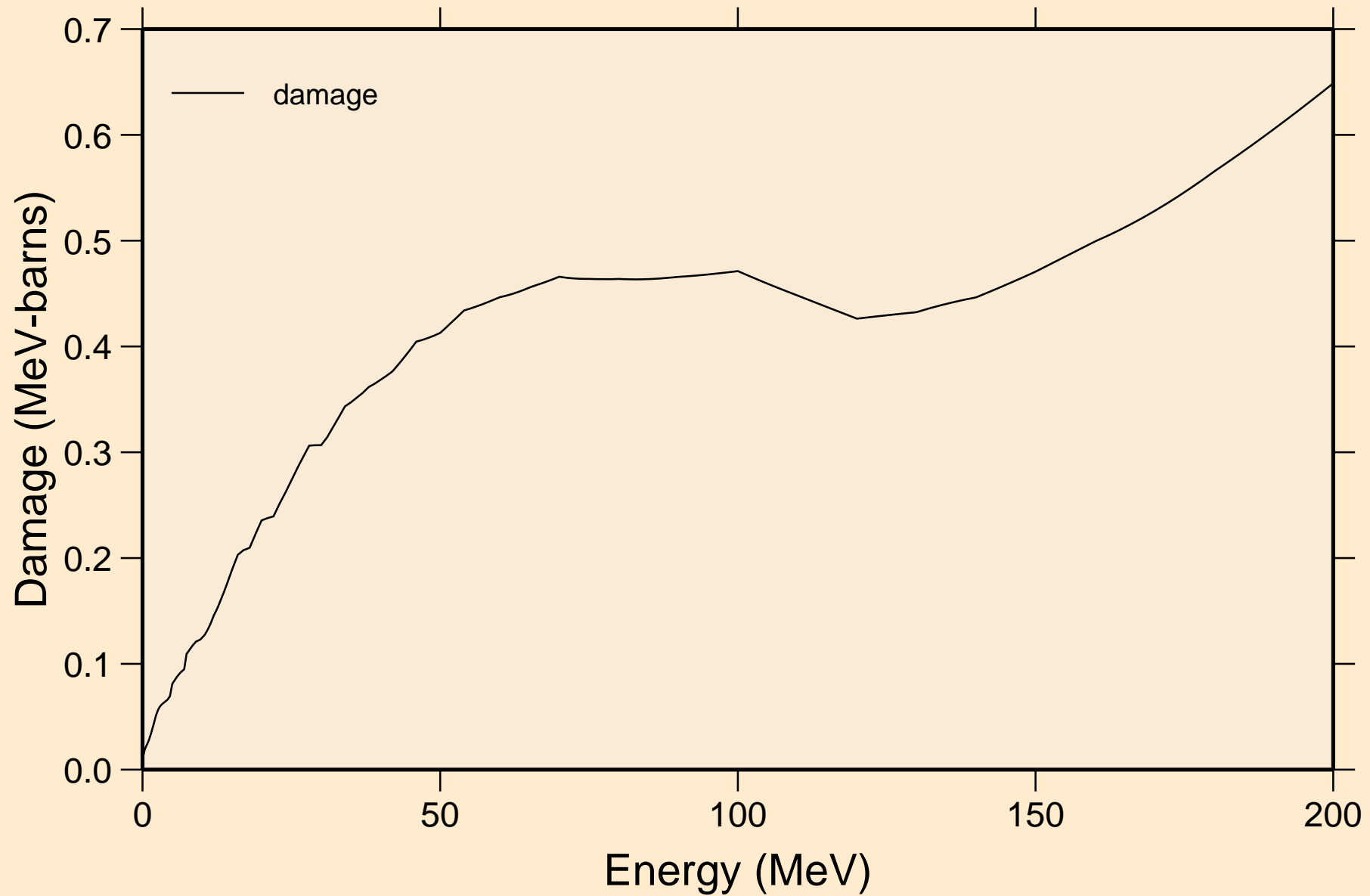
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## Heating

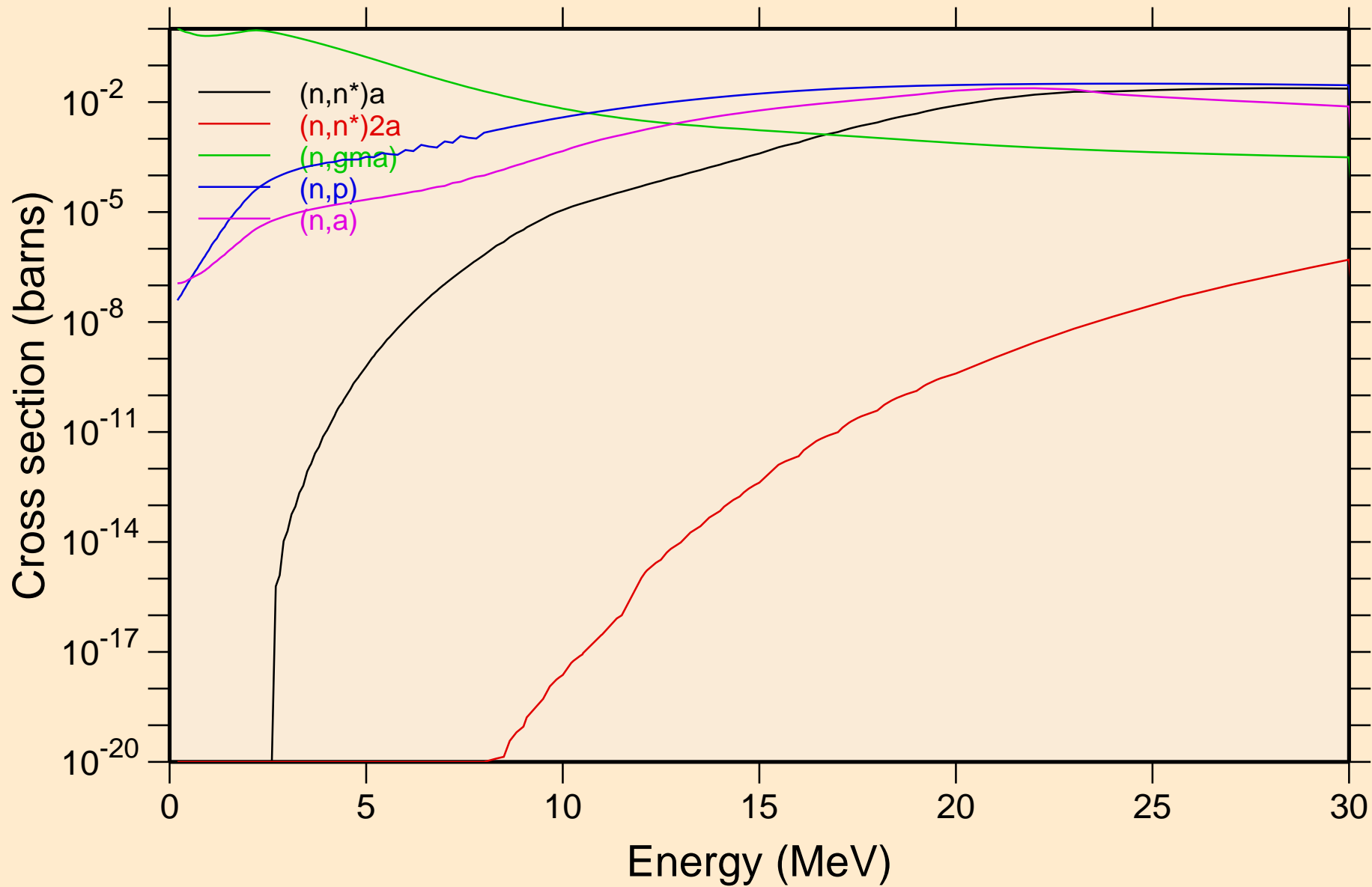




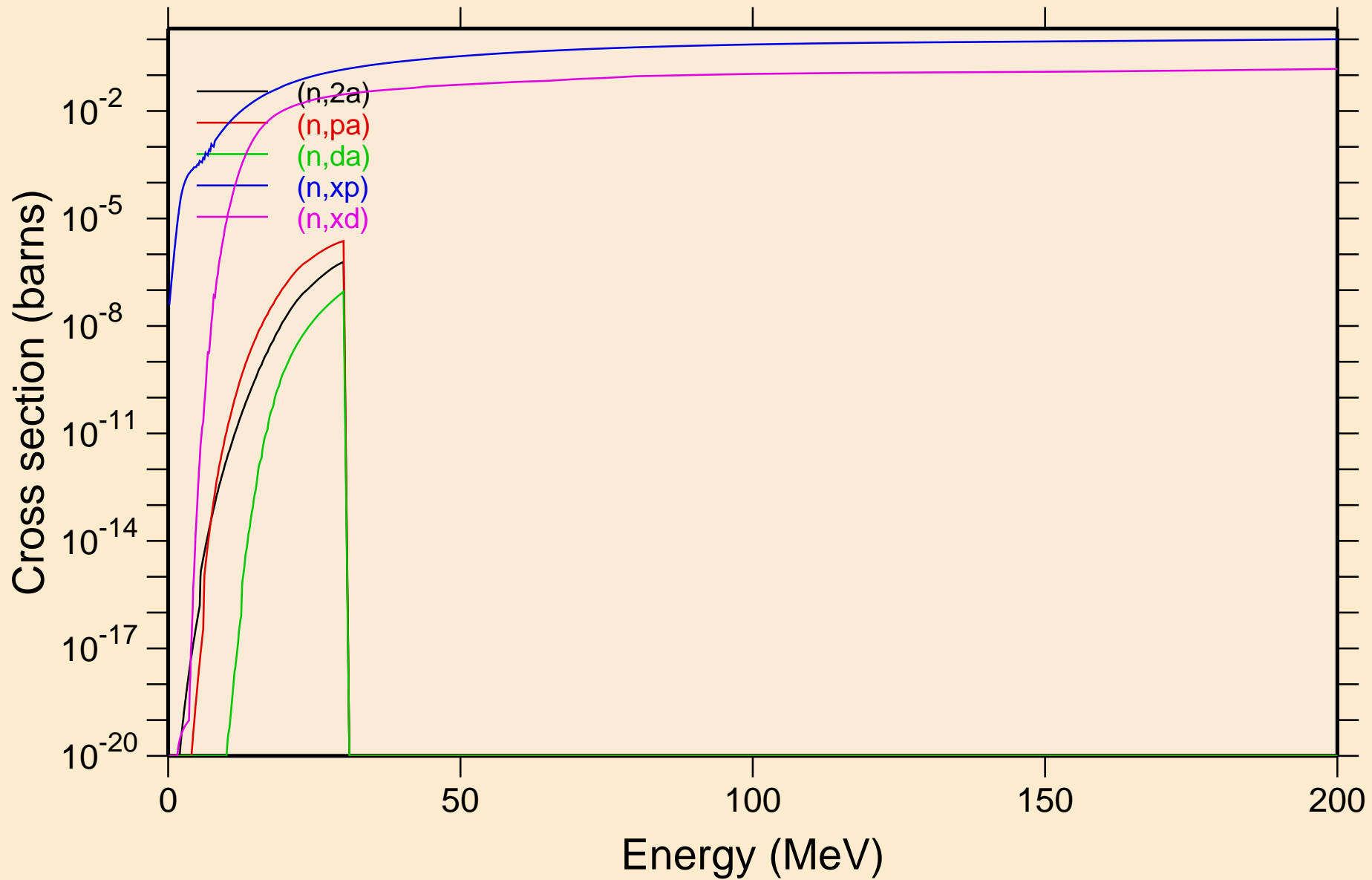
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



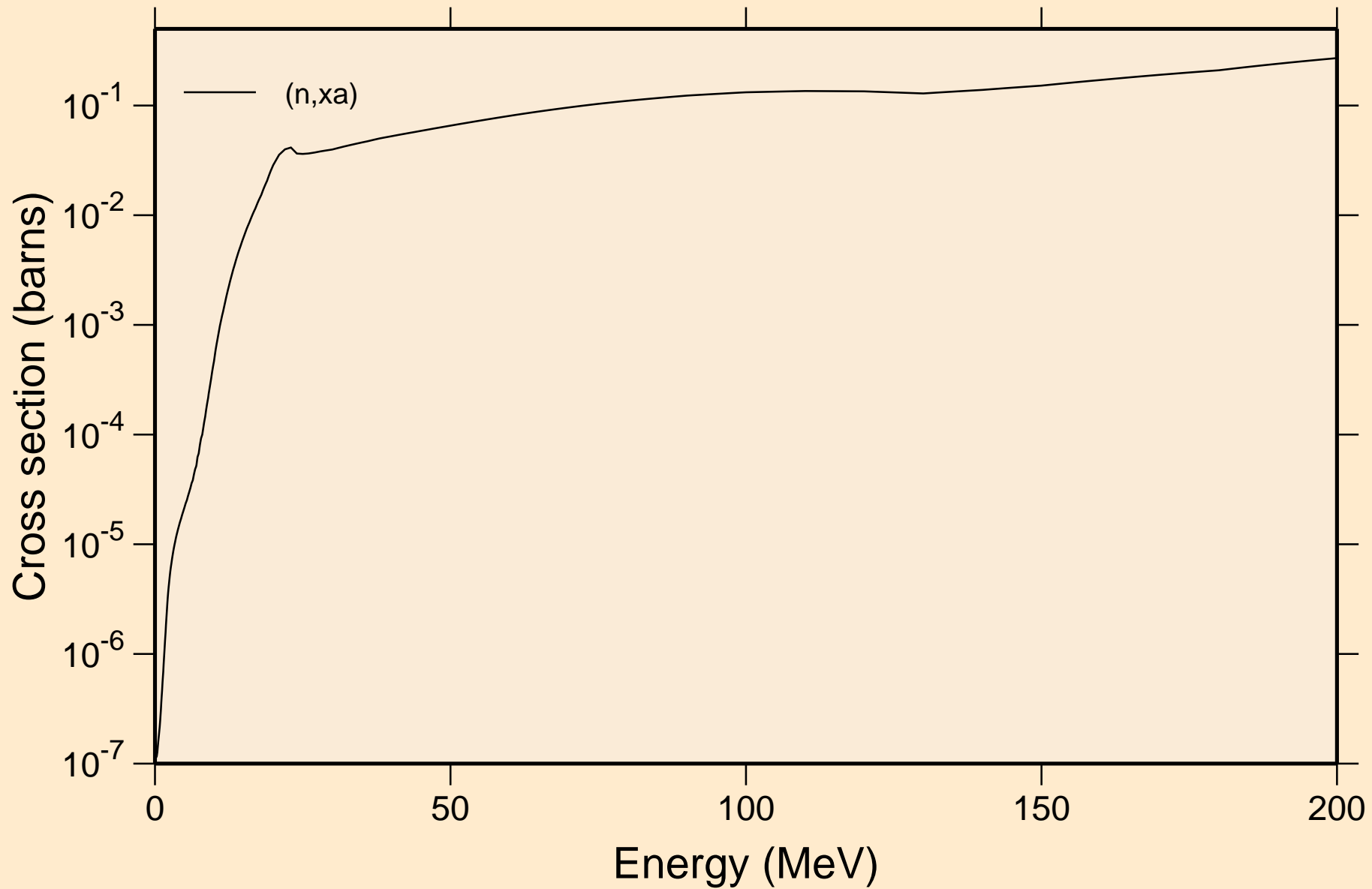
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



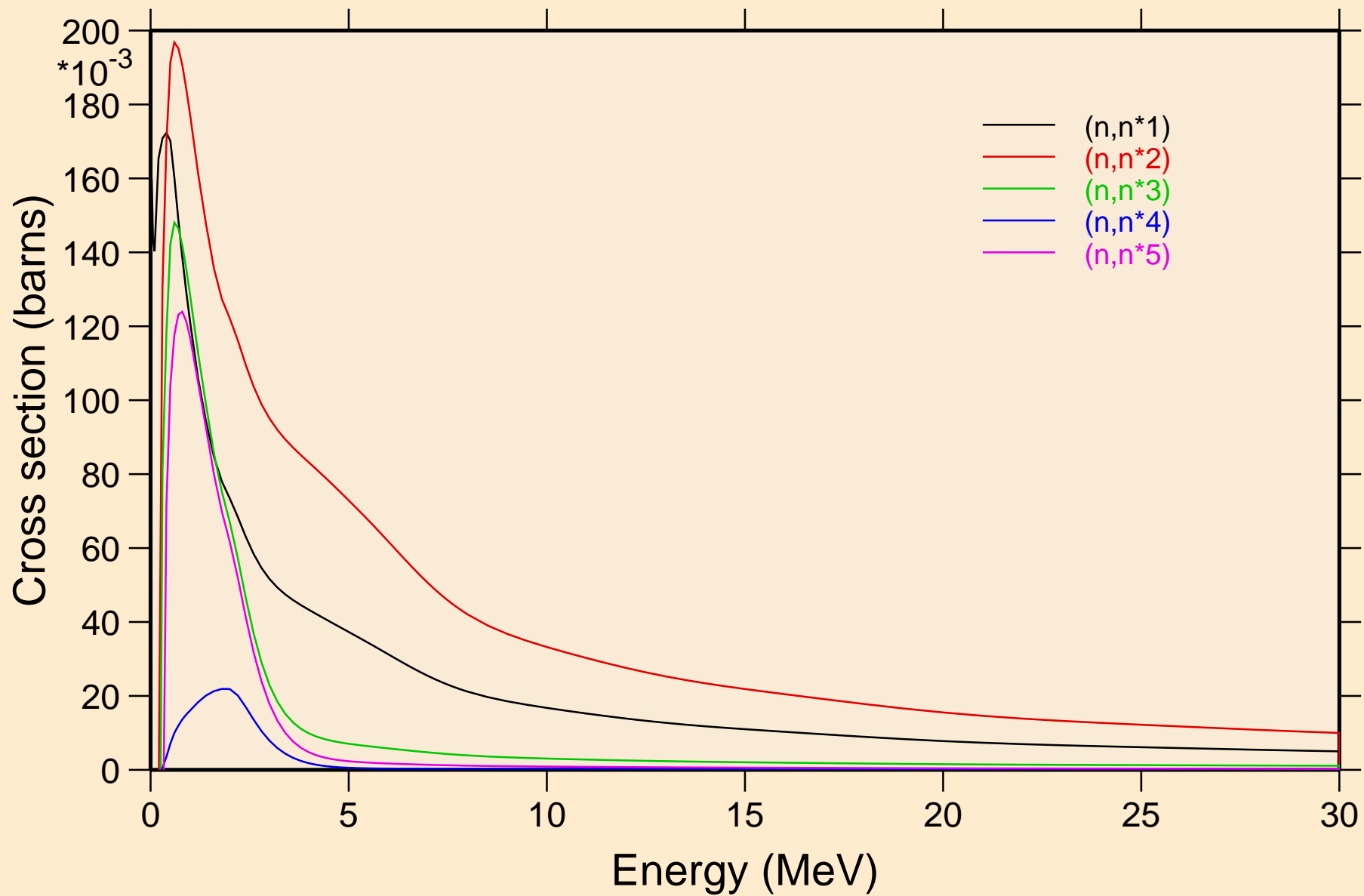
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



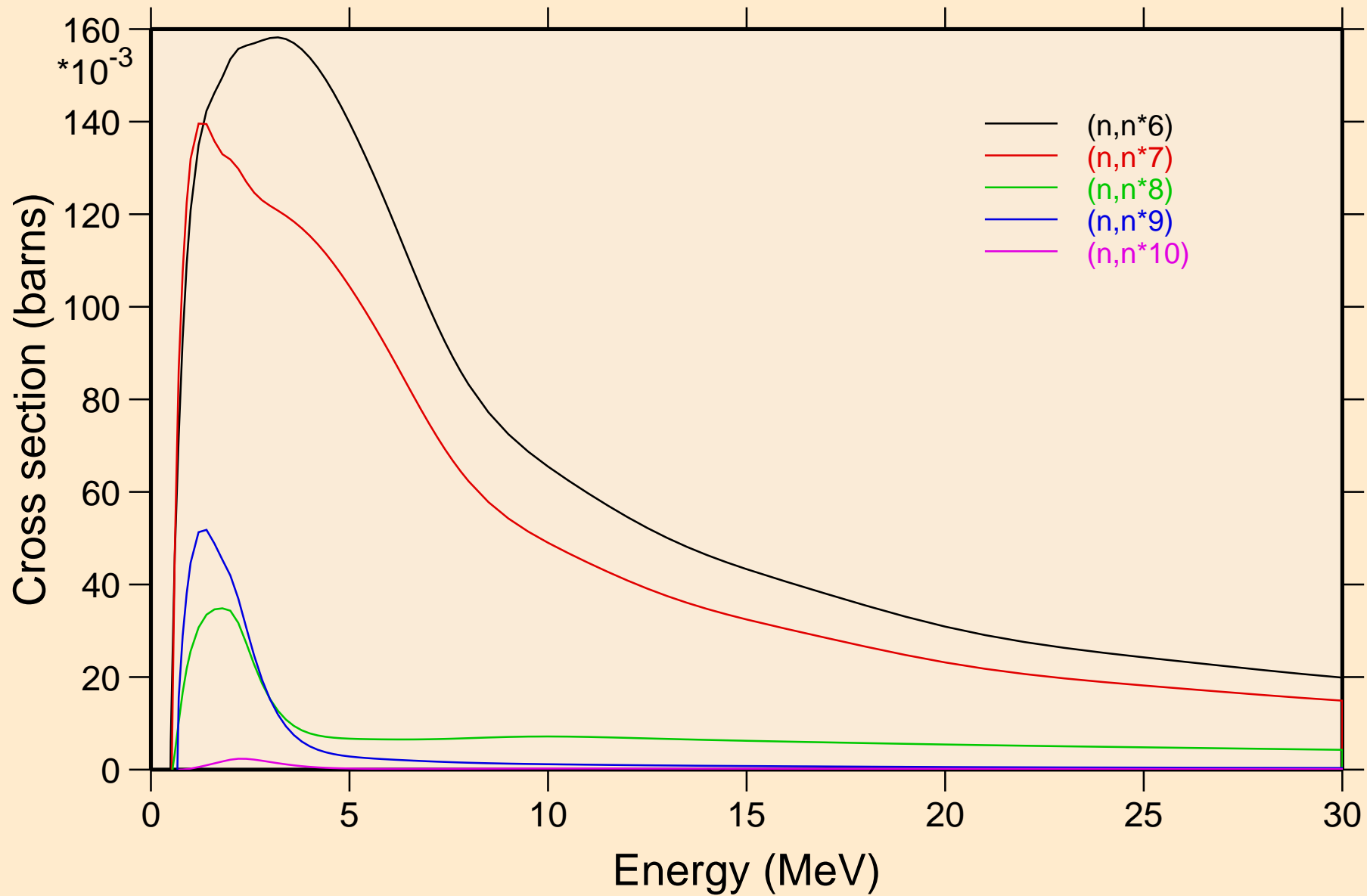
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



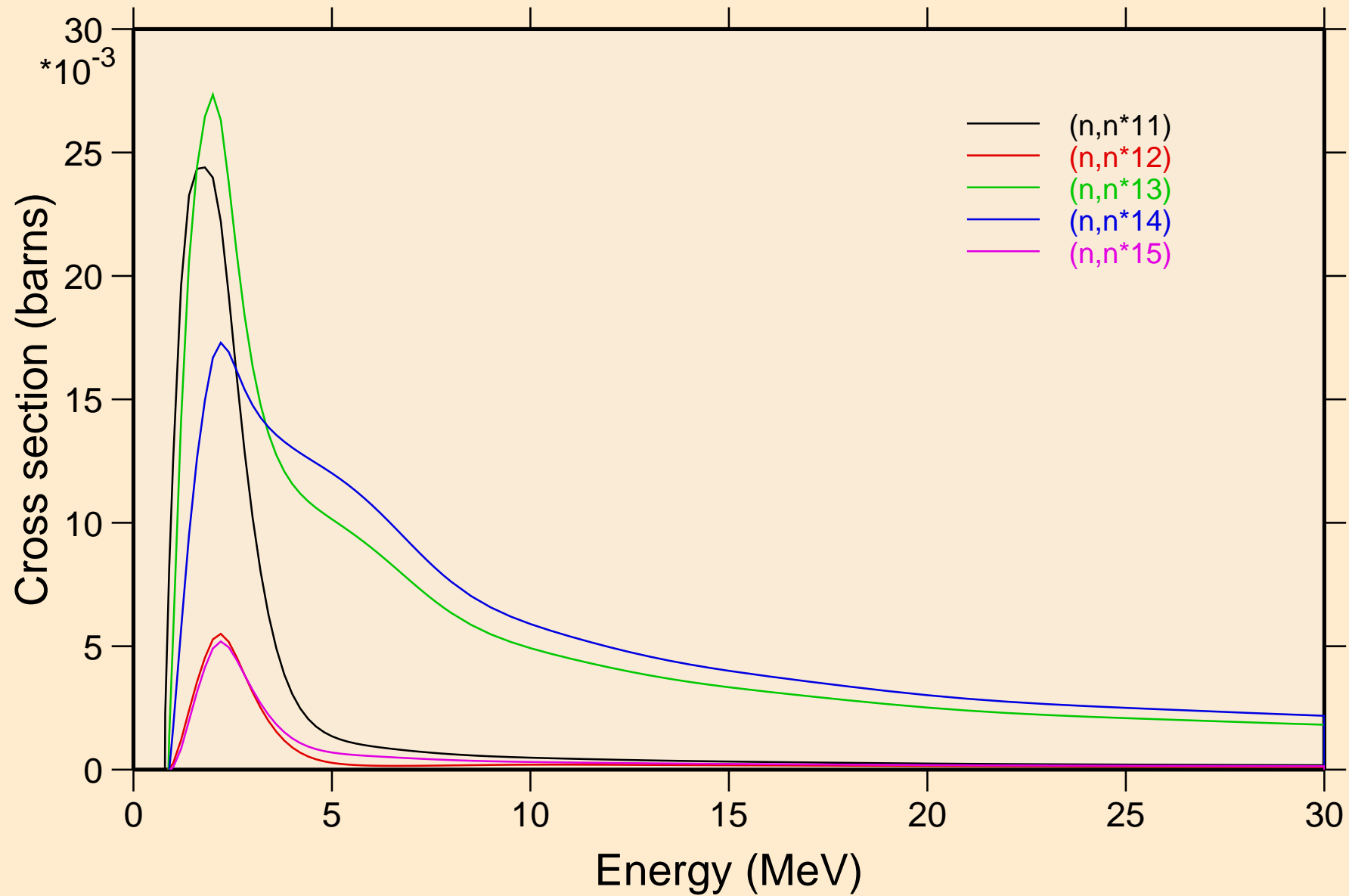
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

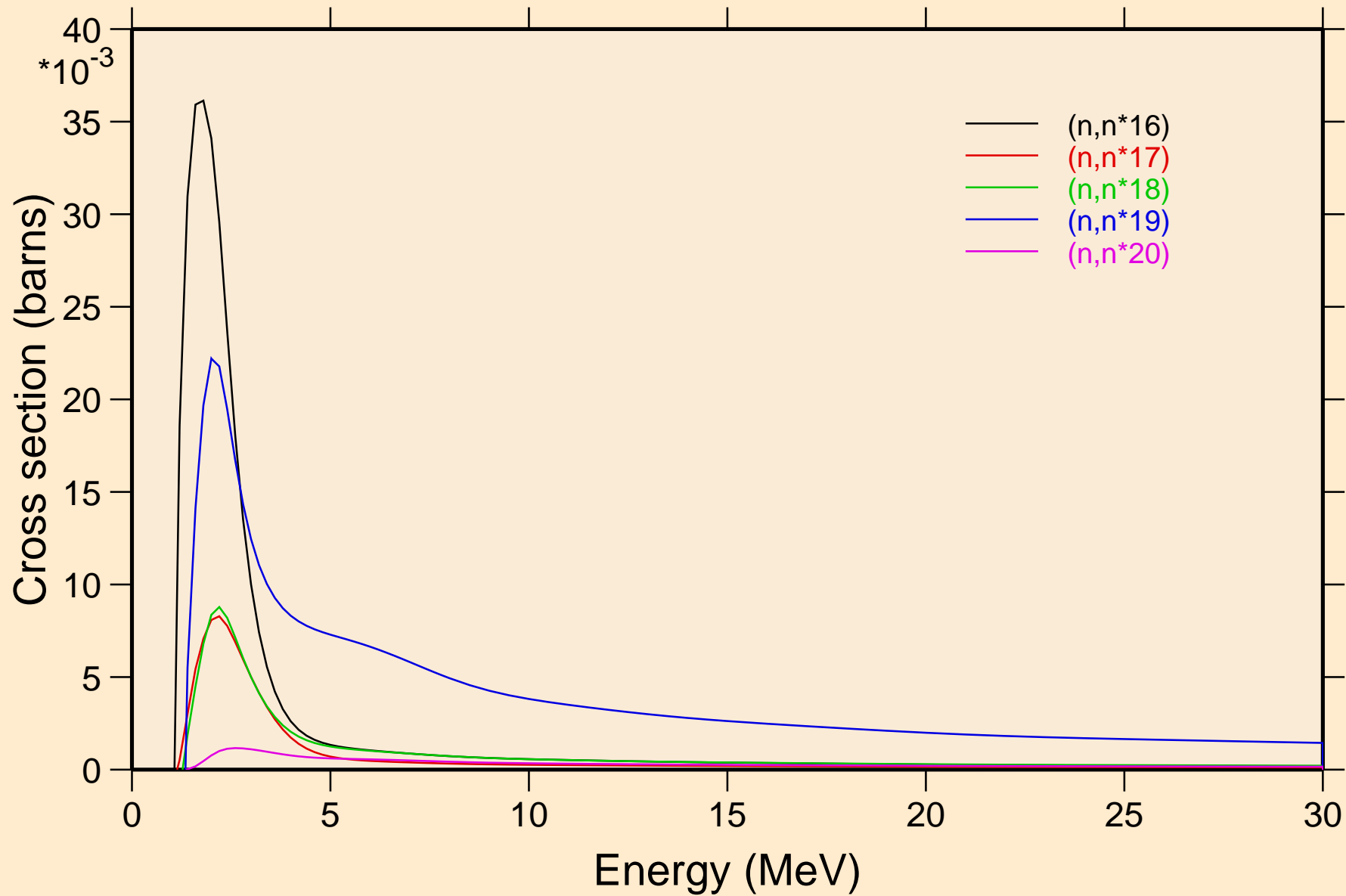


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



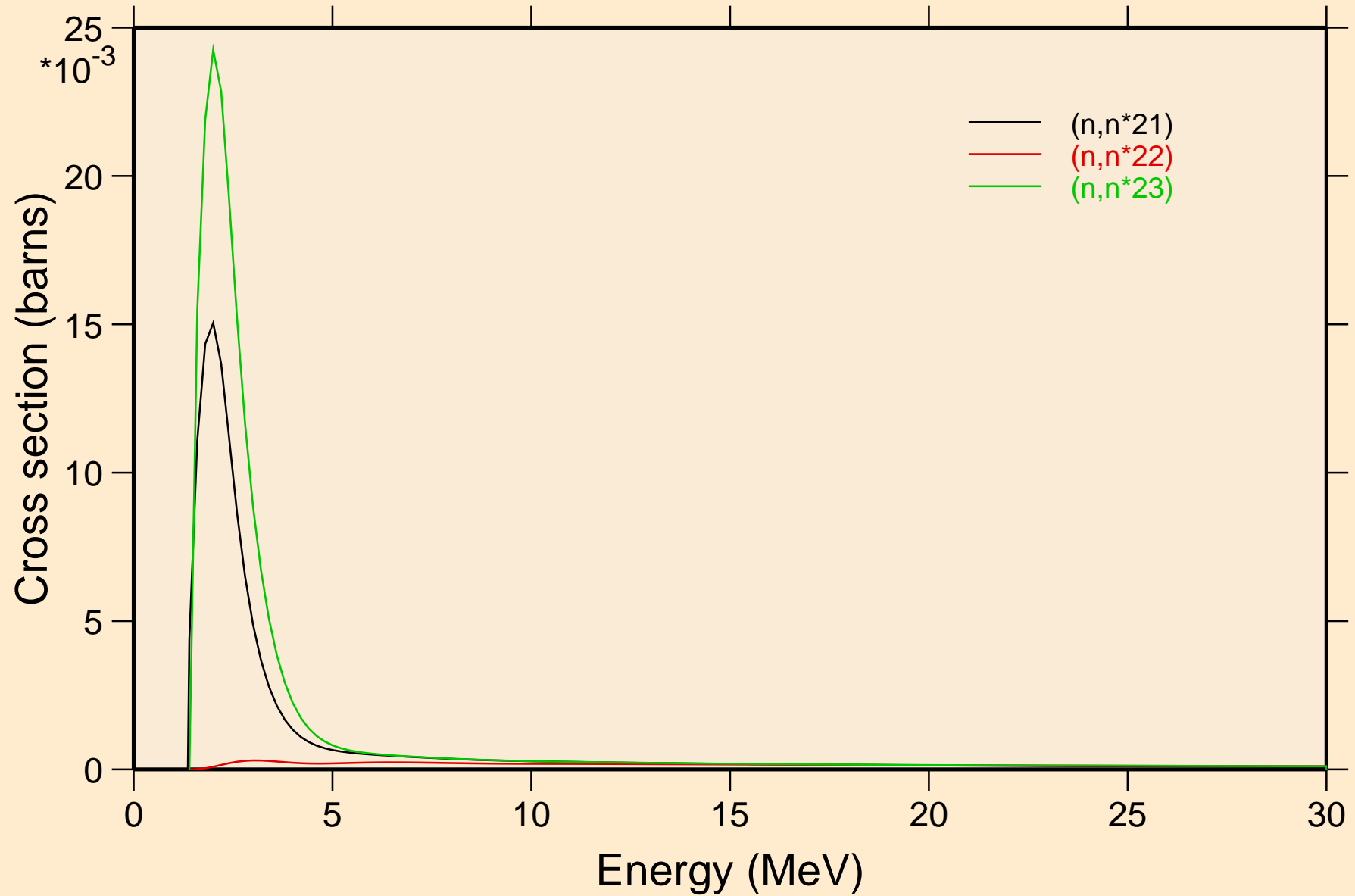
# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

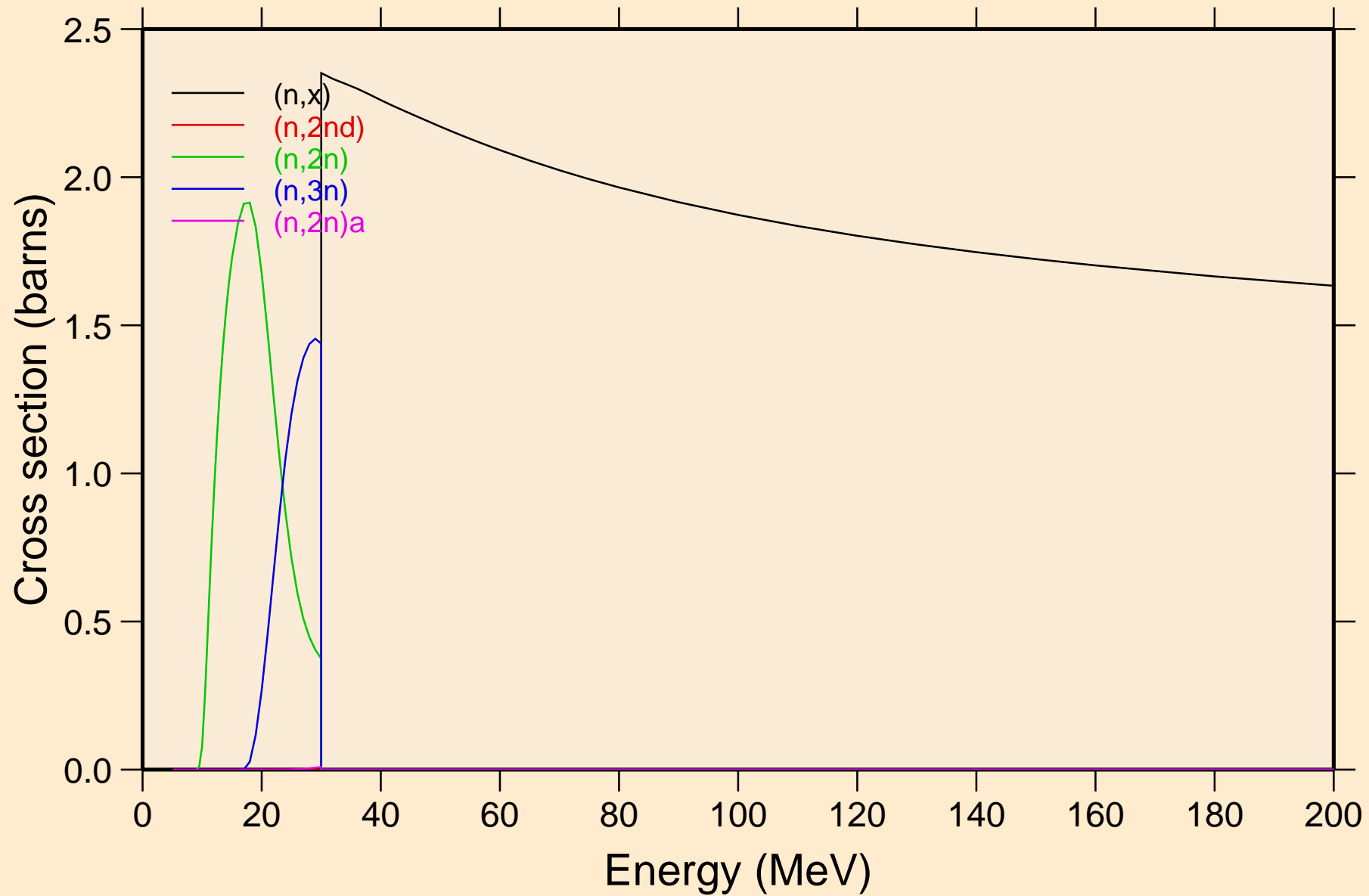




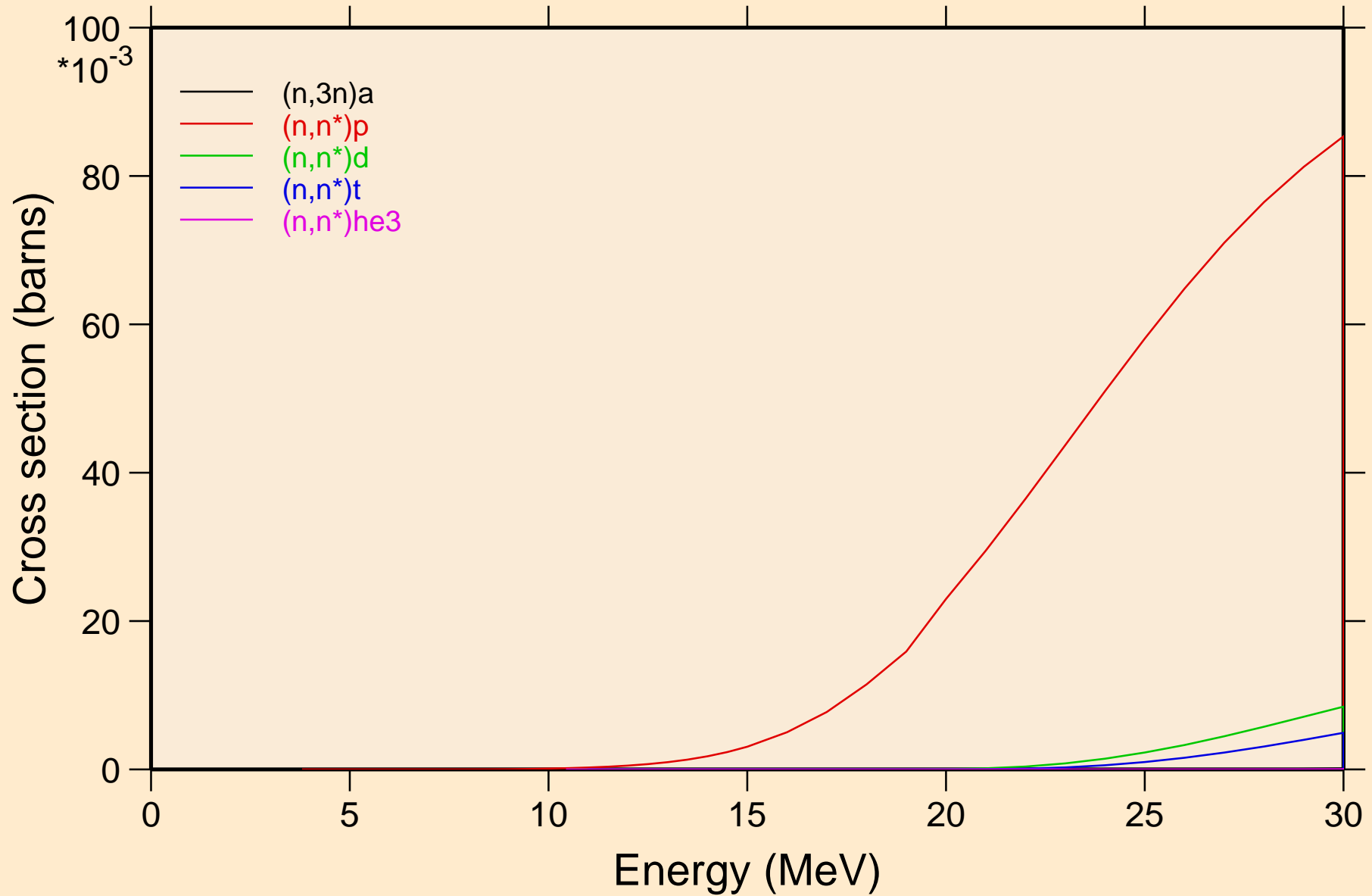
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



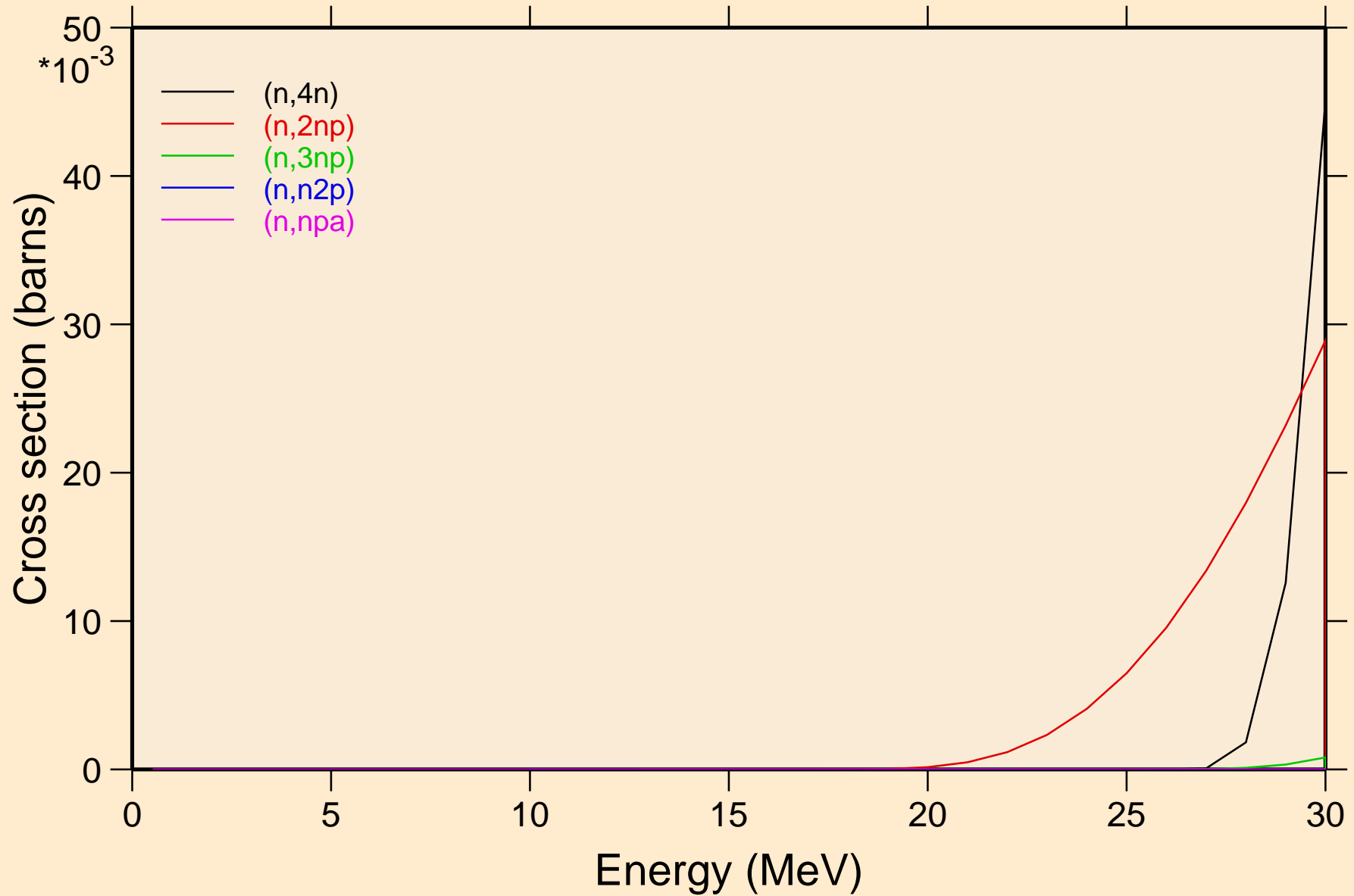
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



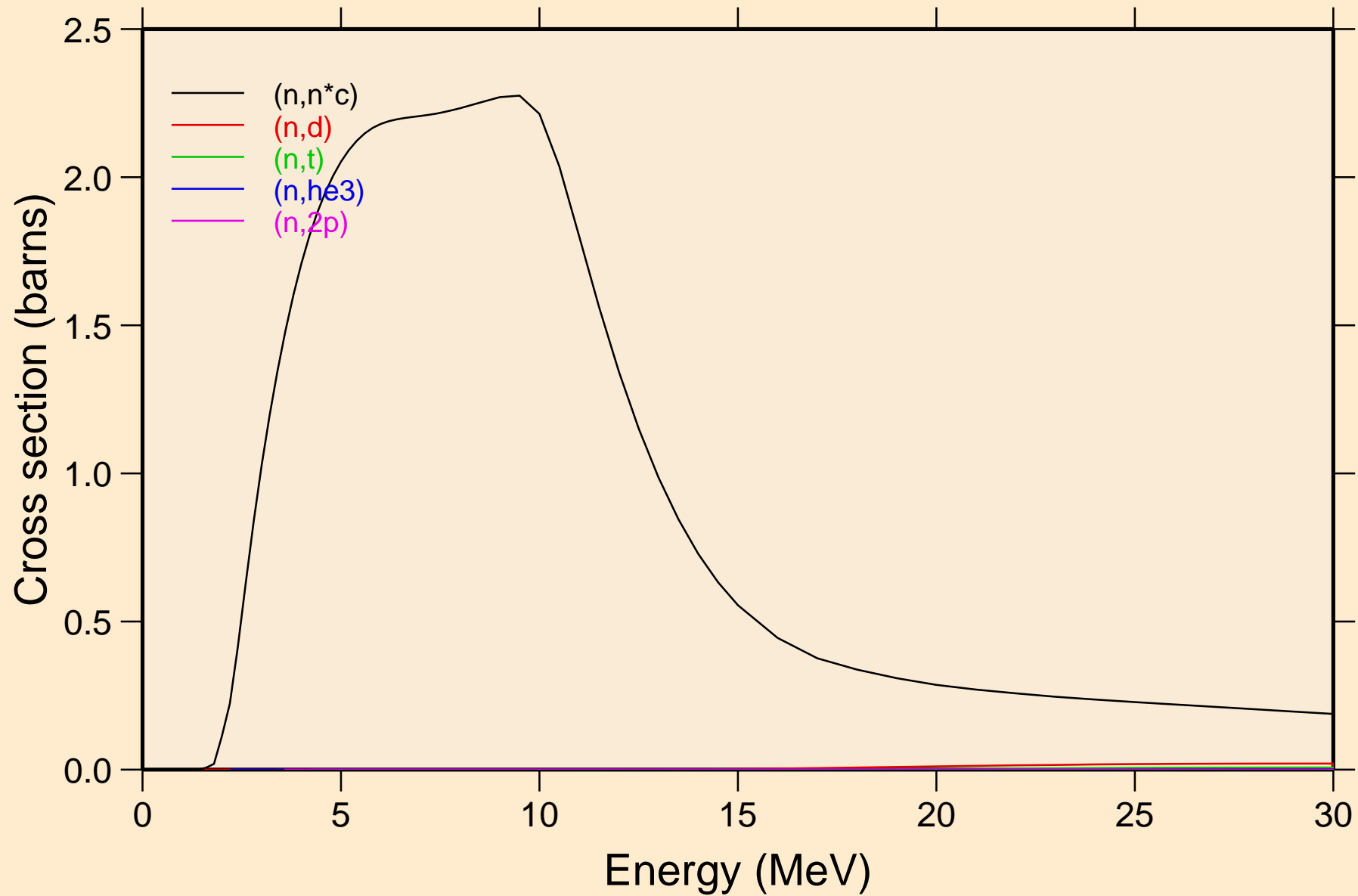
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

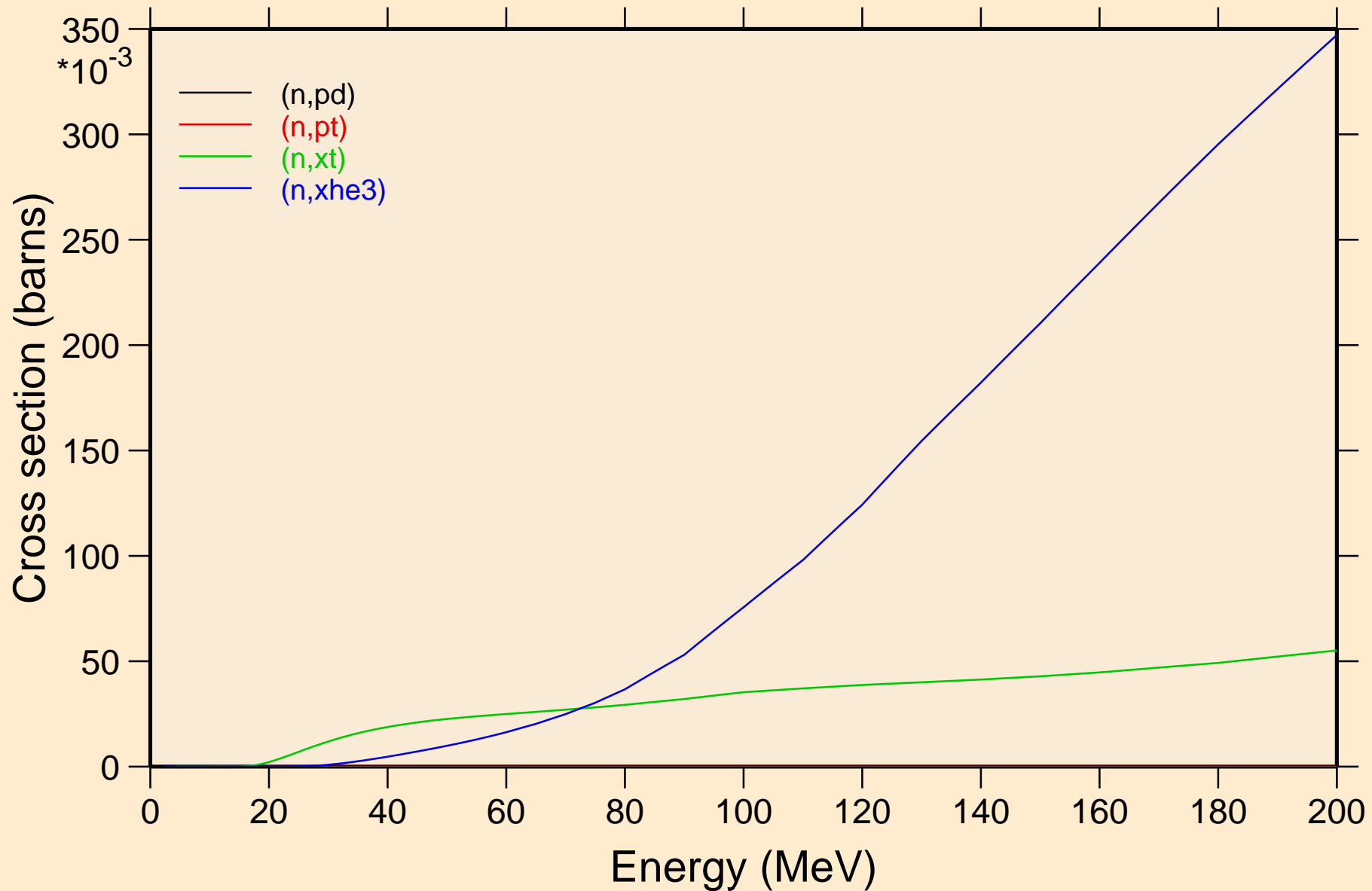


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

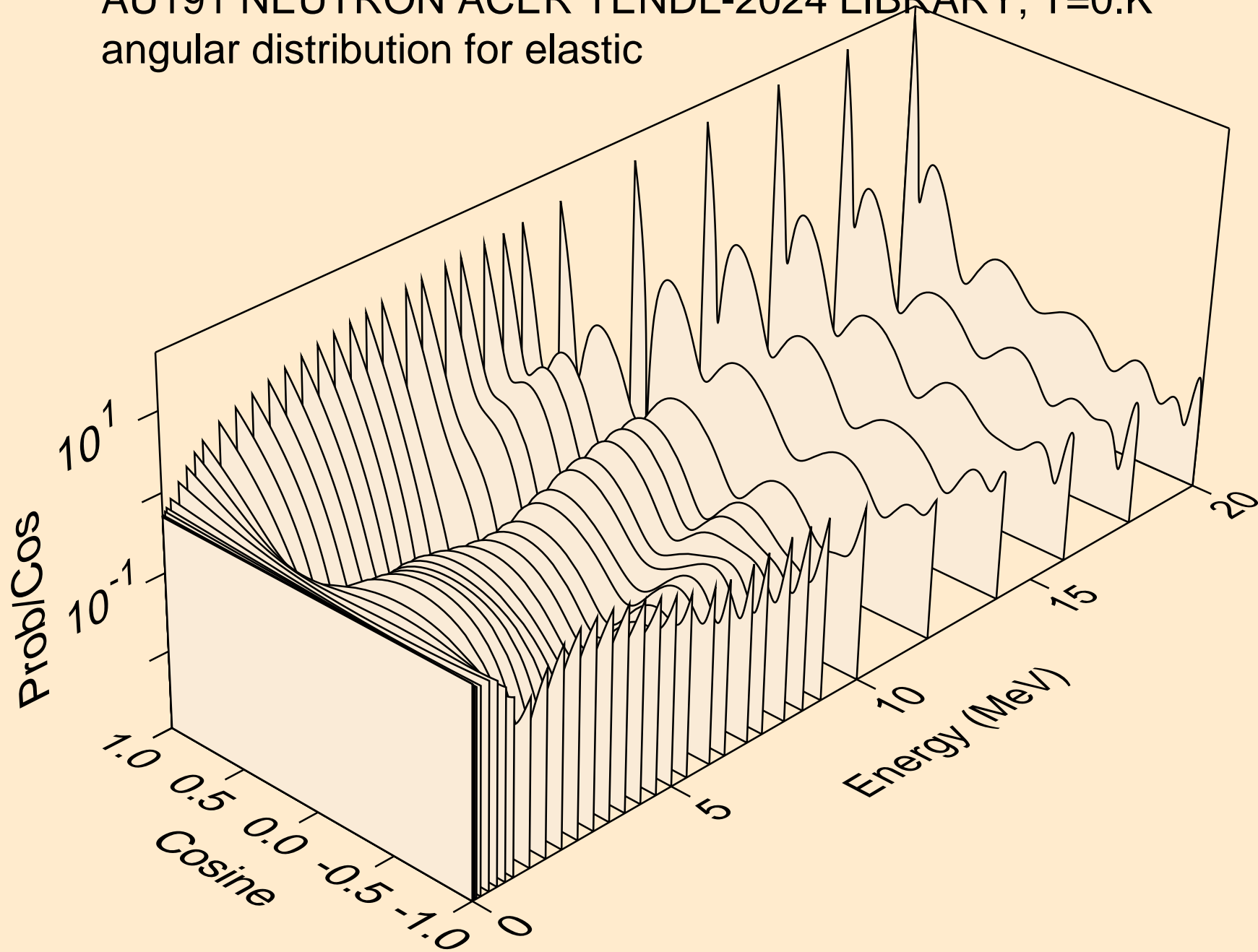


# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

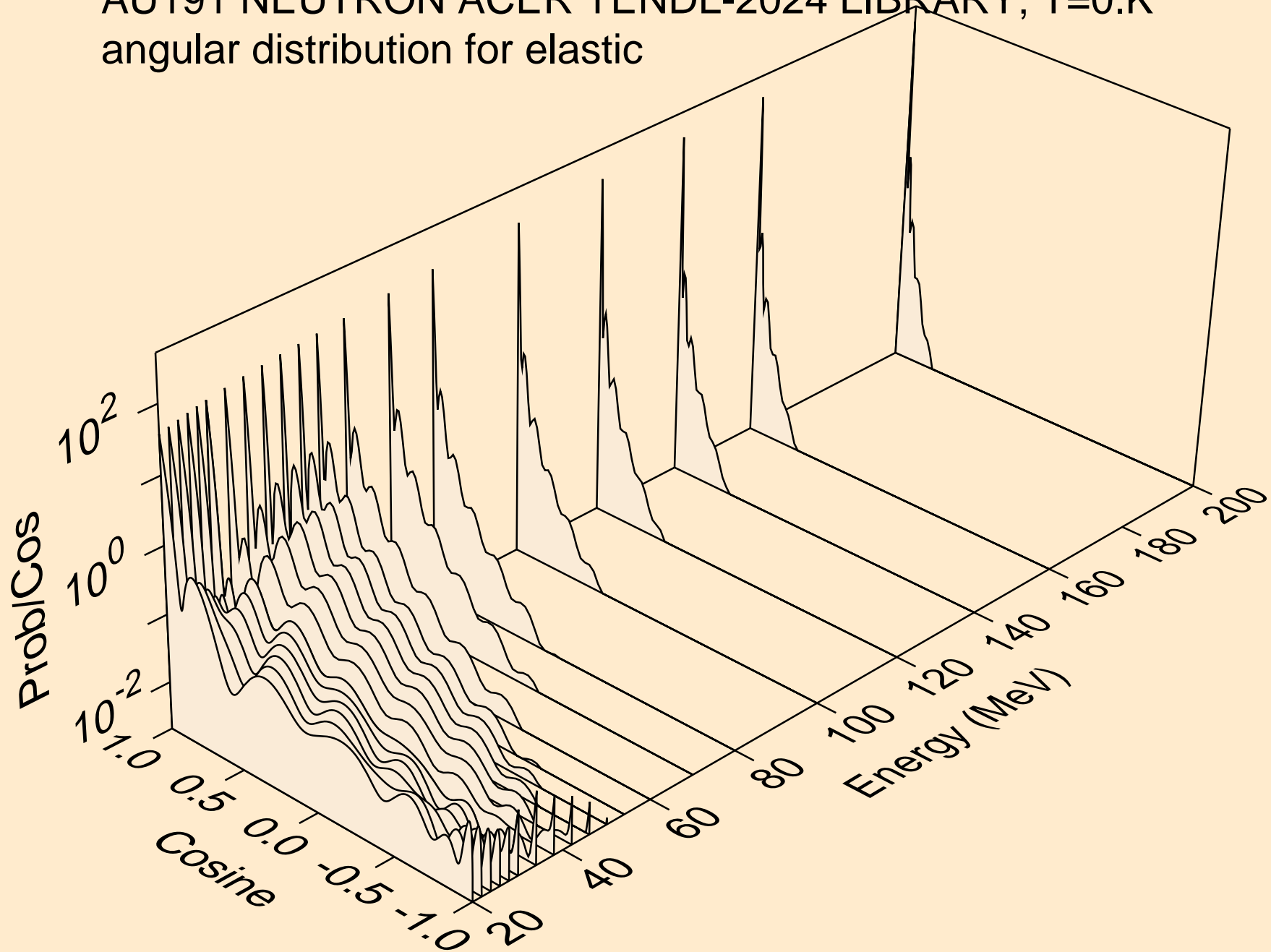
## Threshold reactions



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

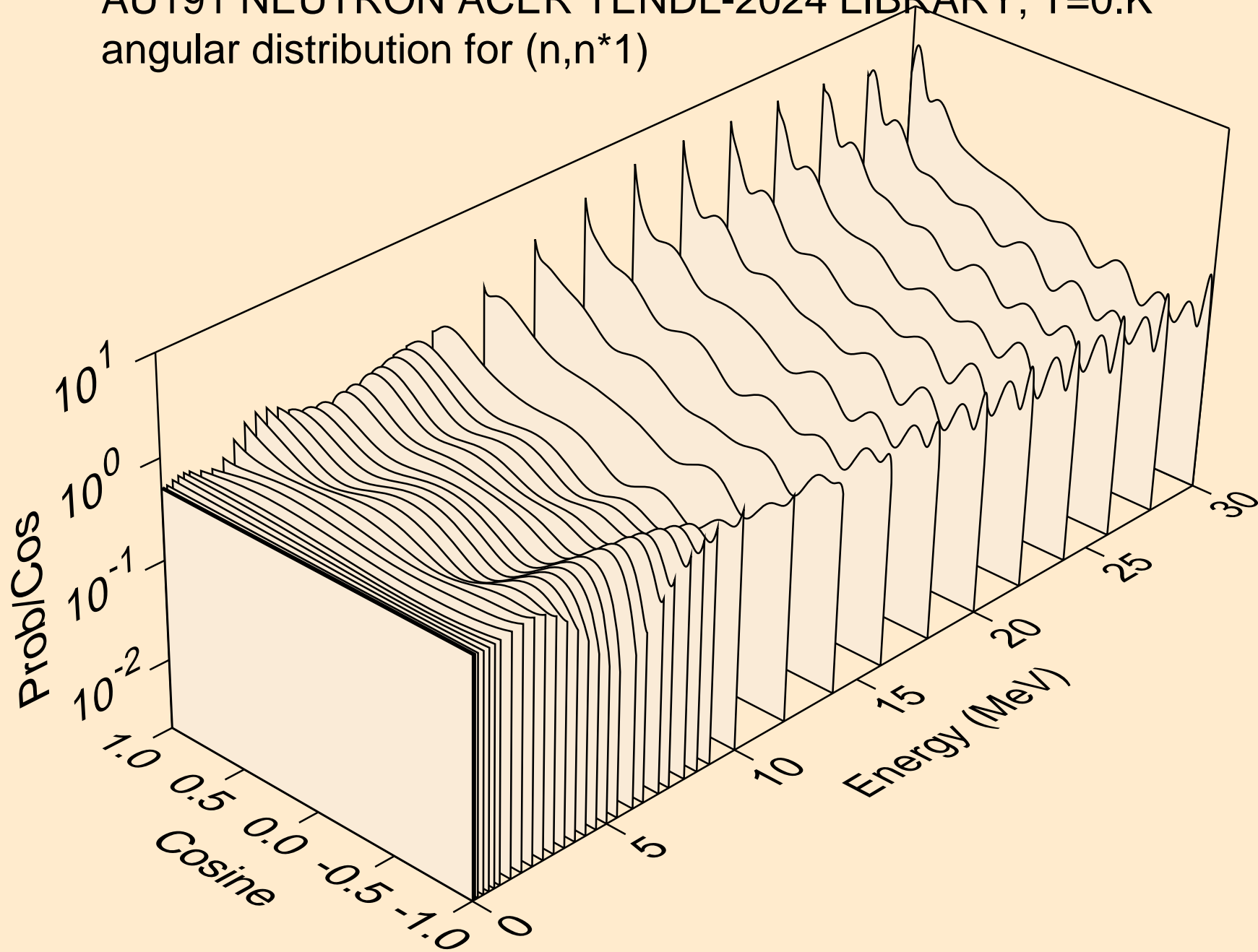


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

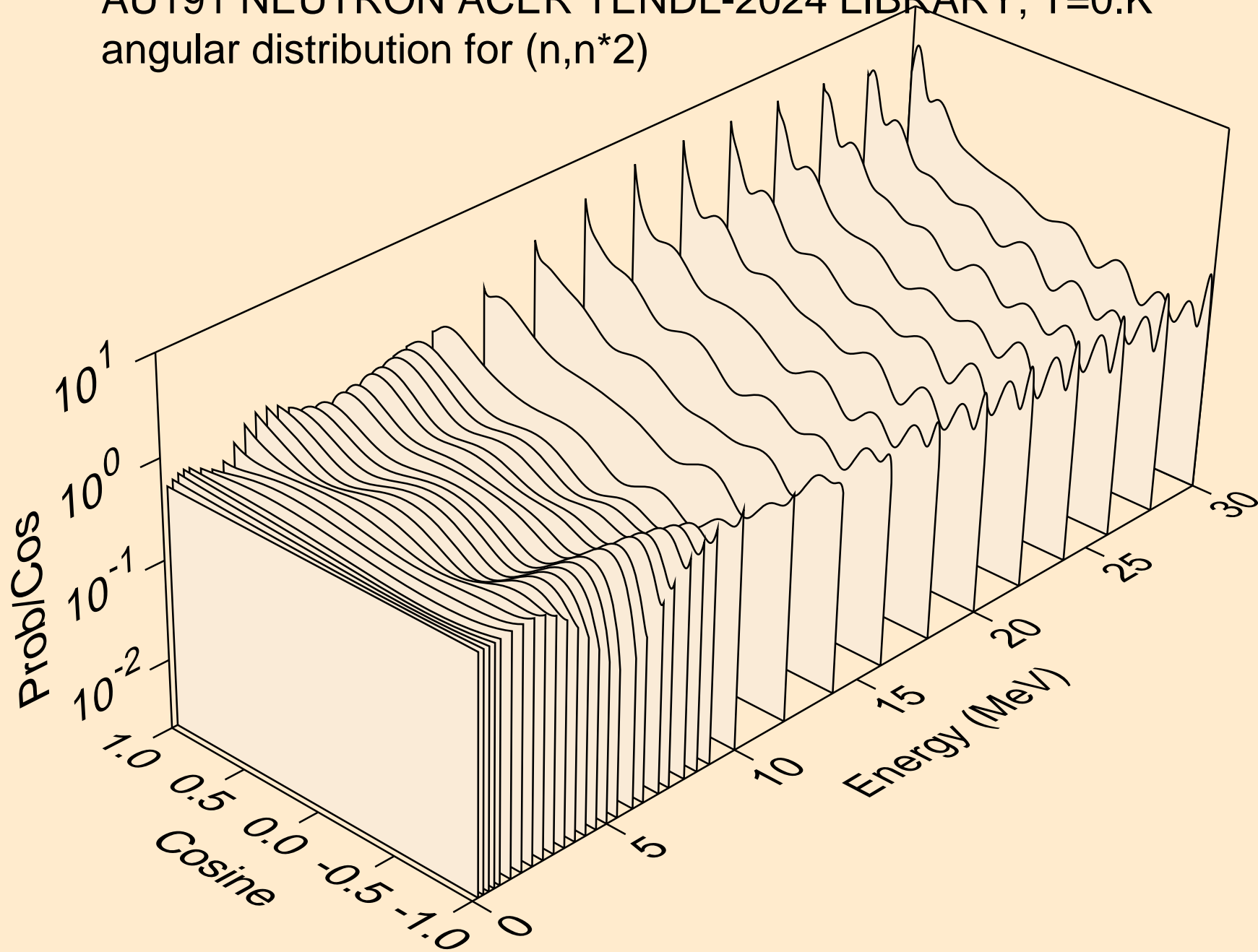




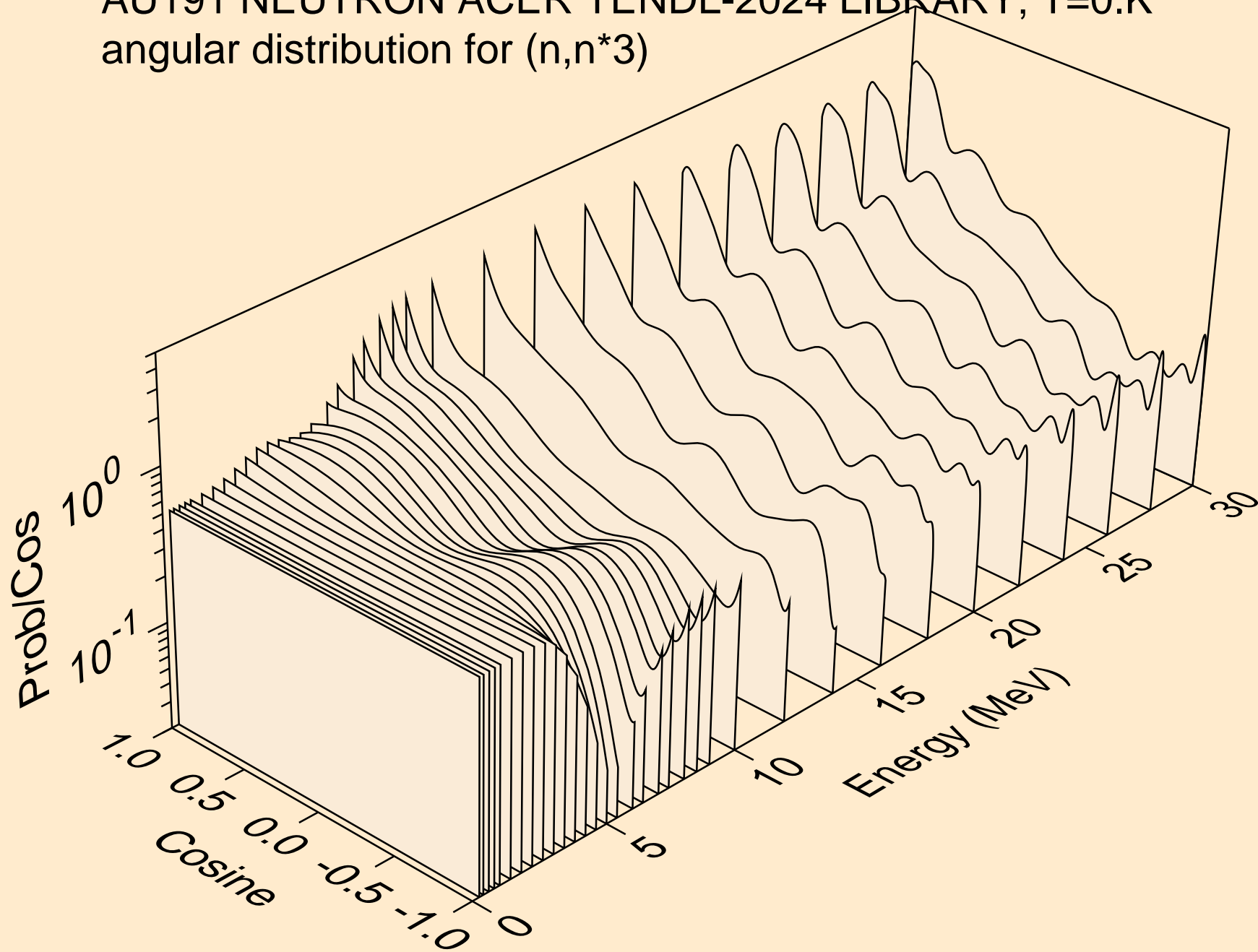
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



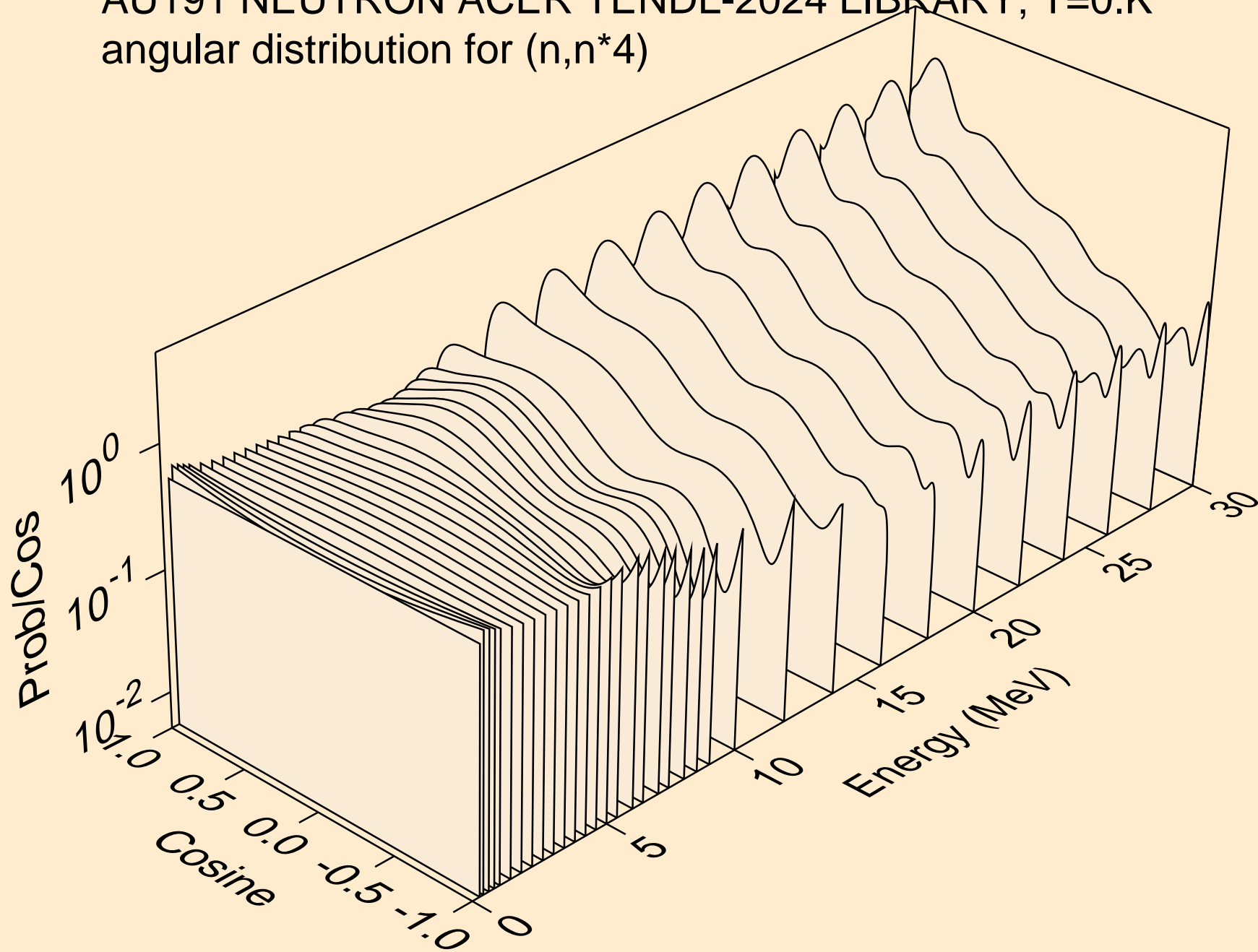
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



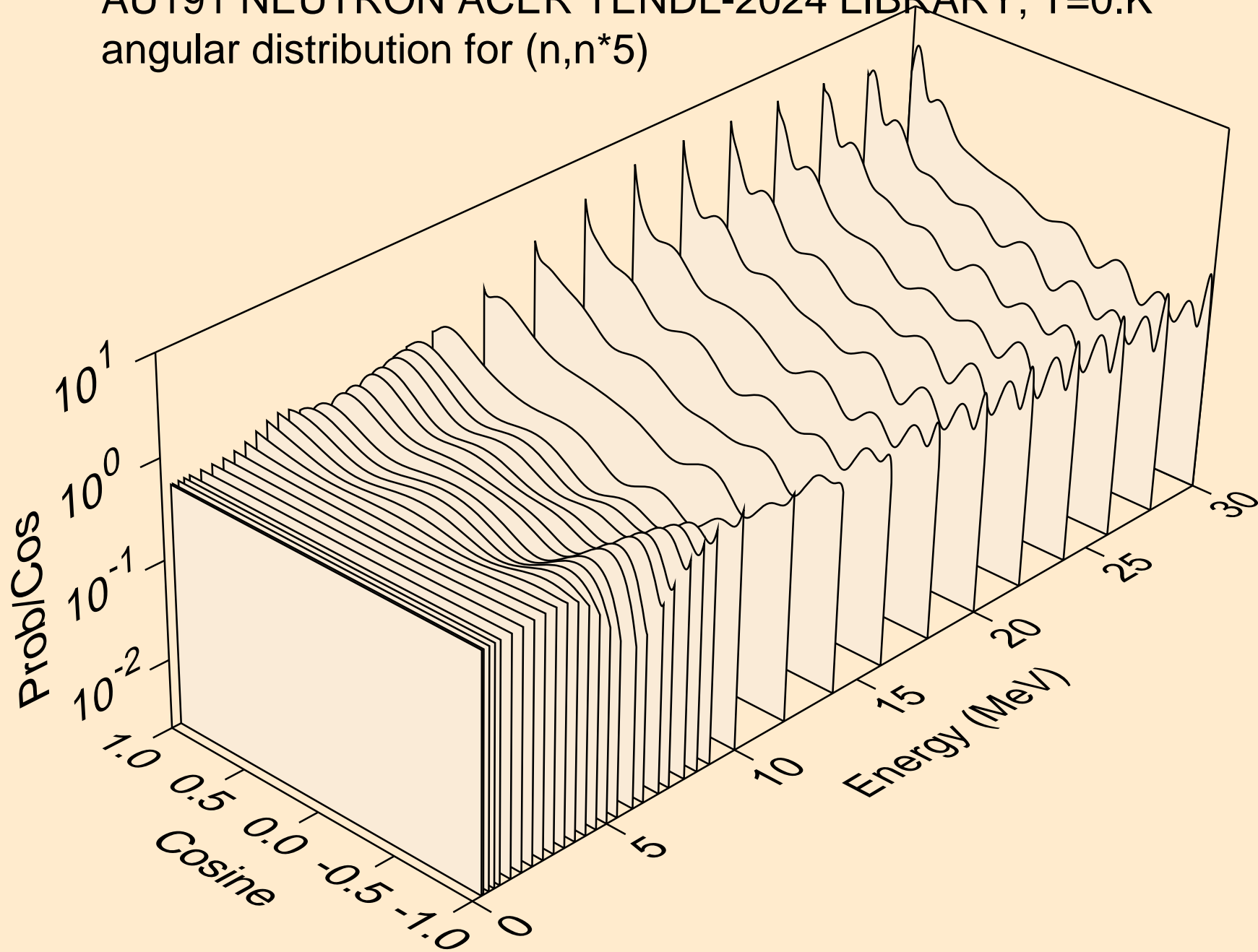
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



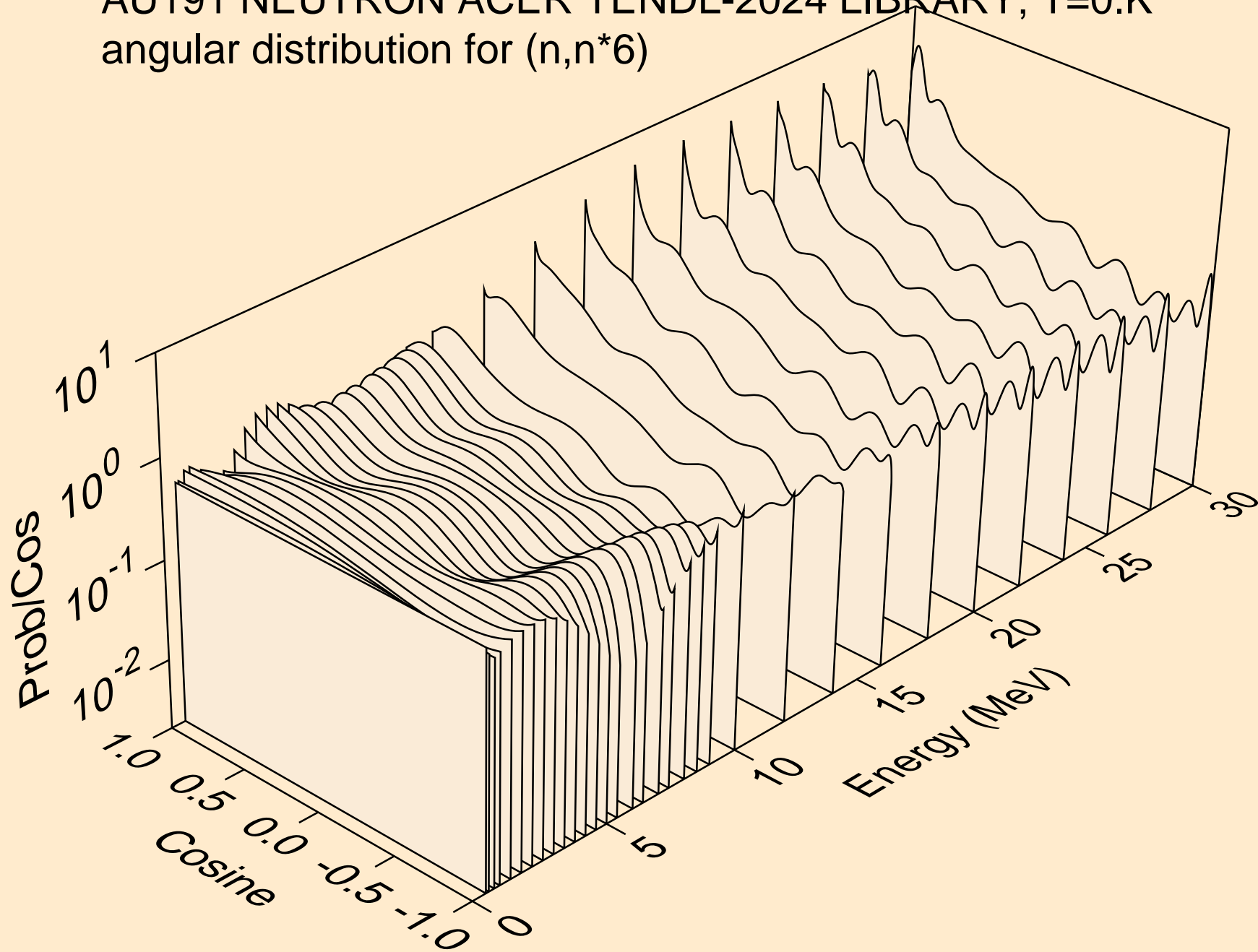
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



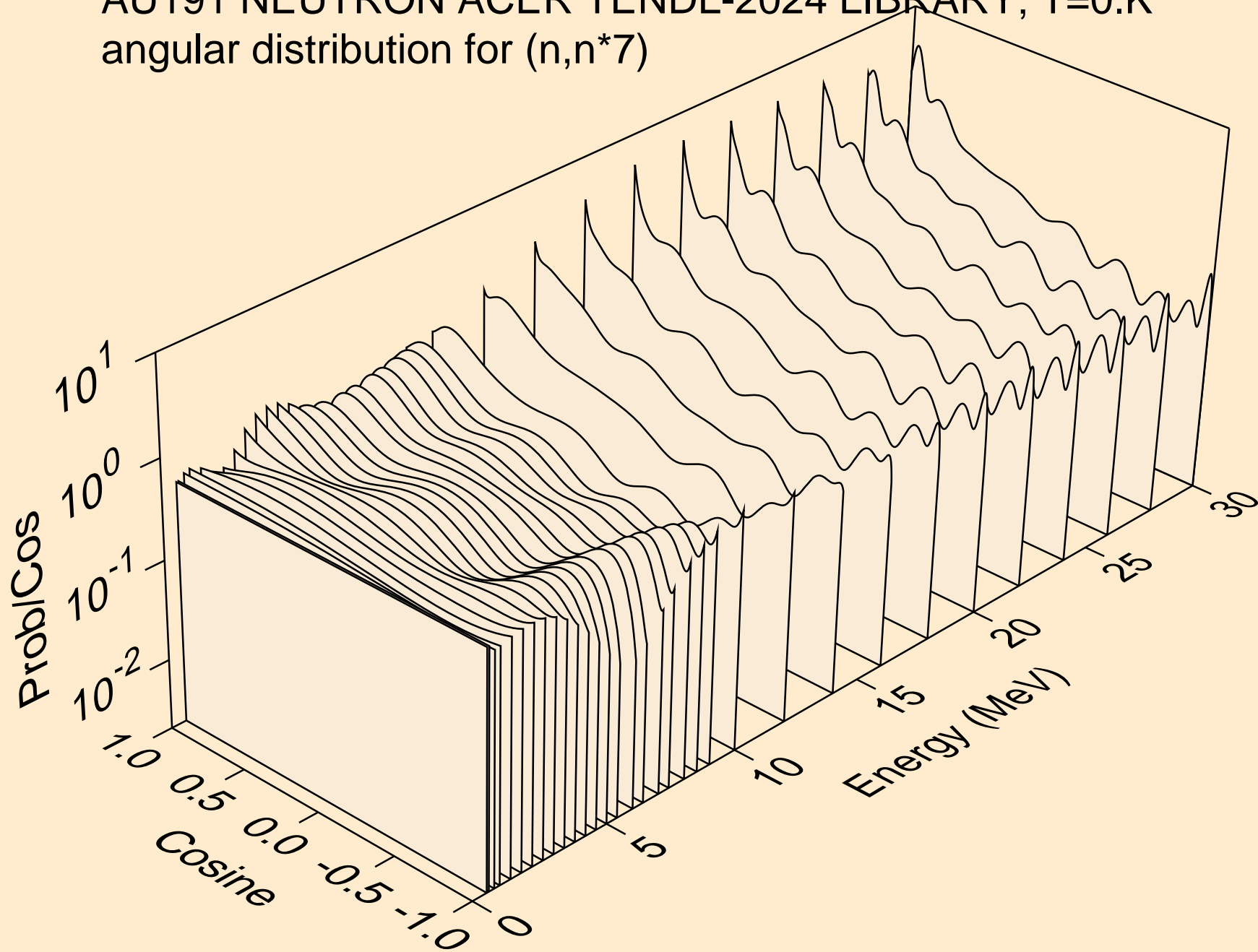
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

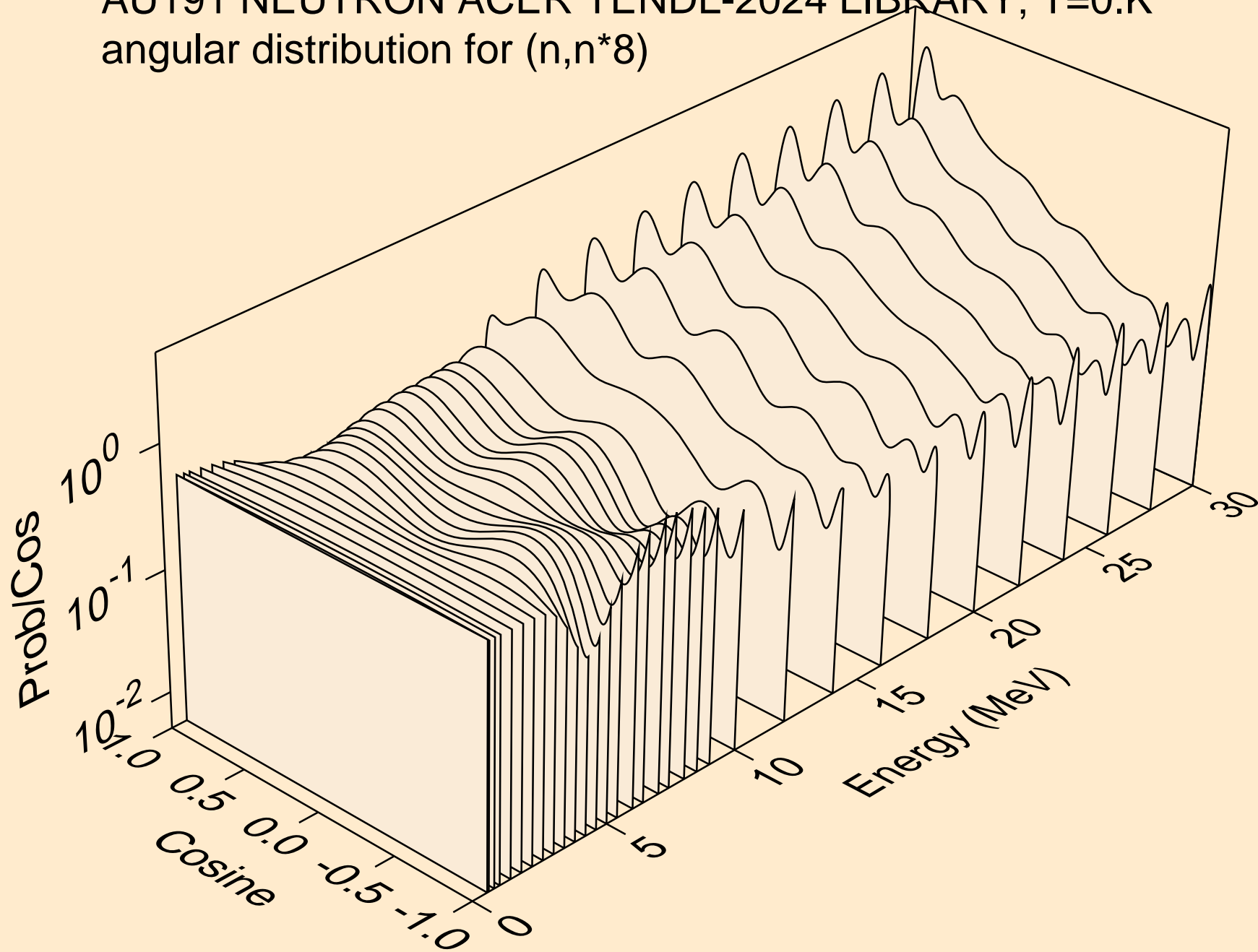


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



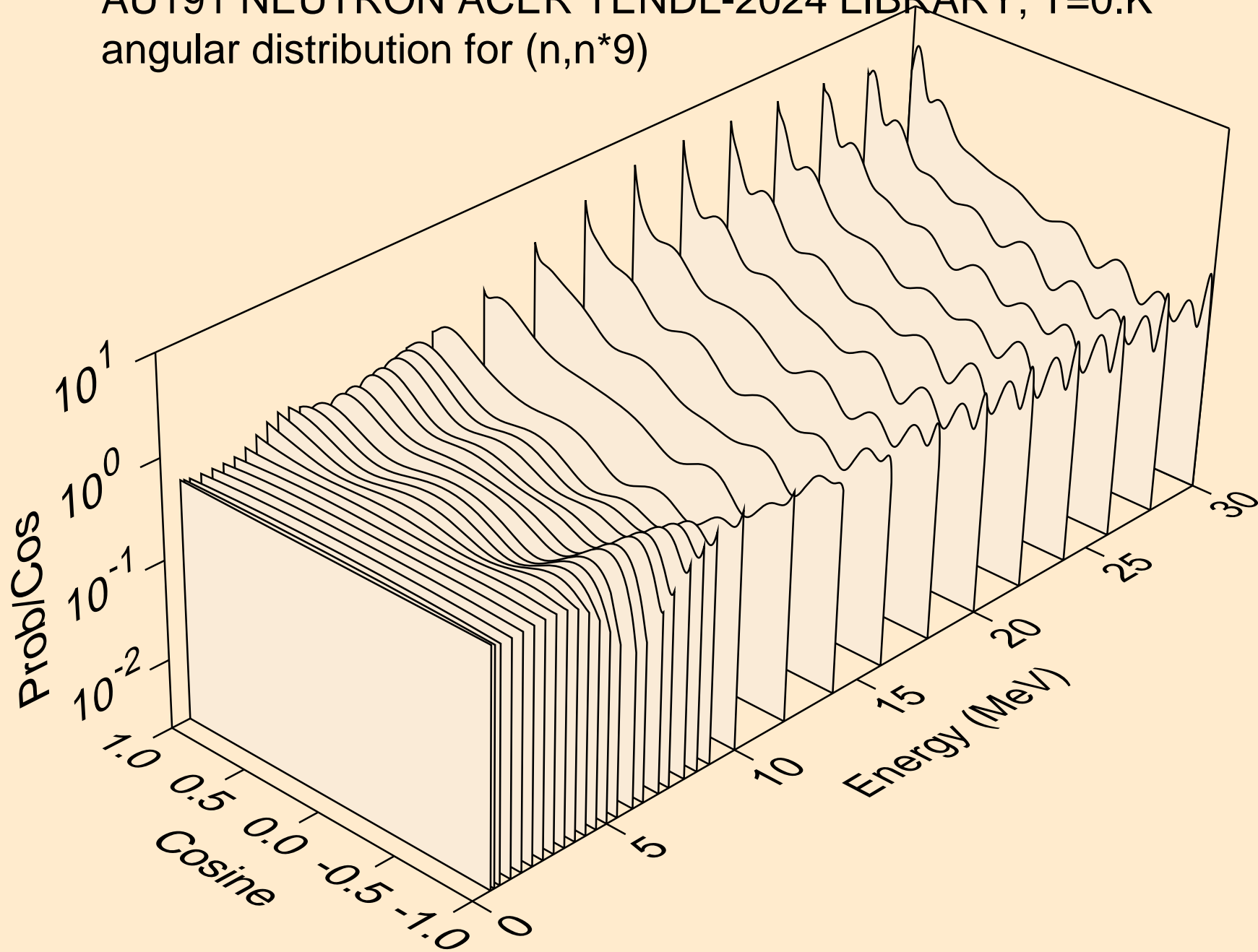


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

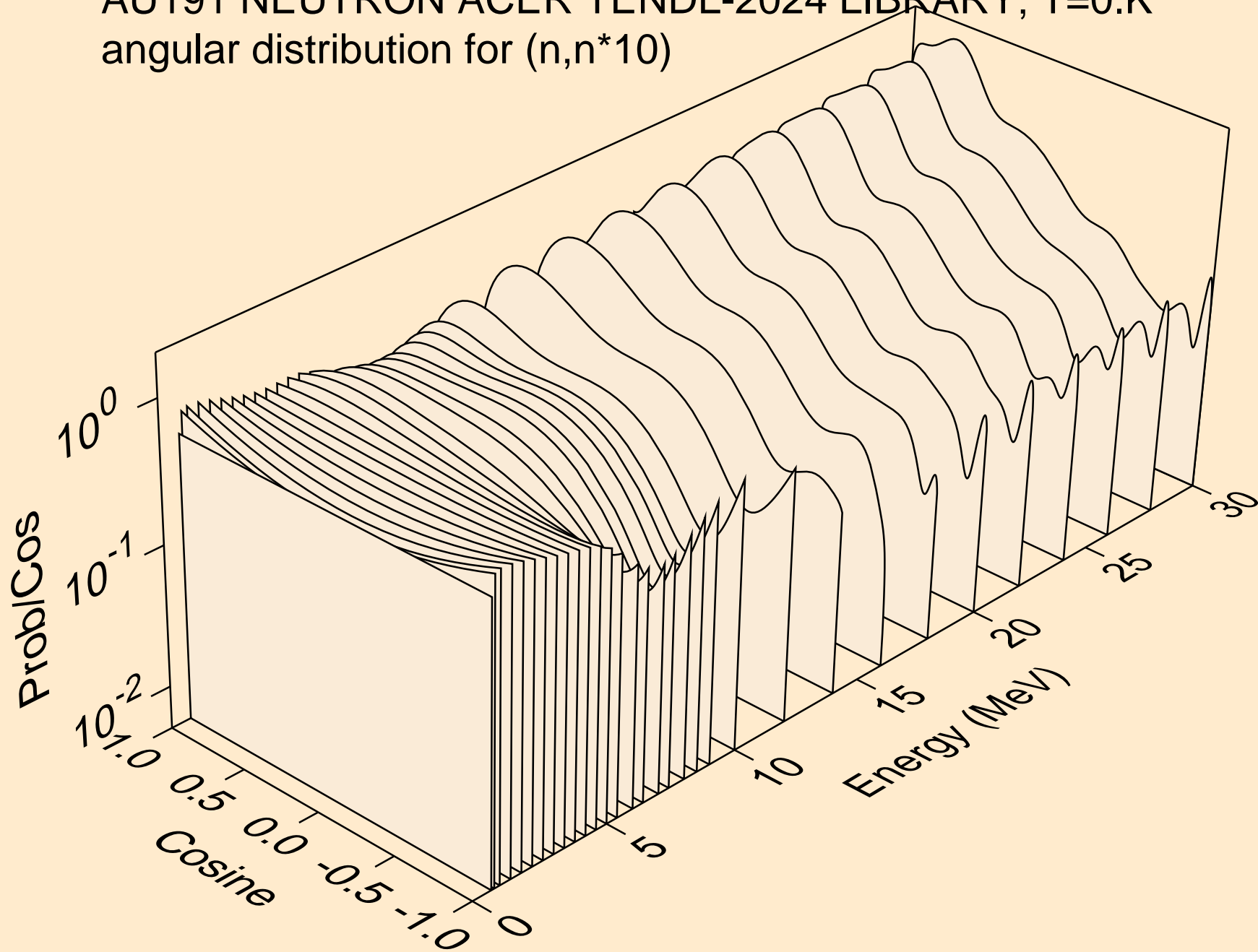




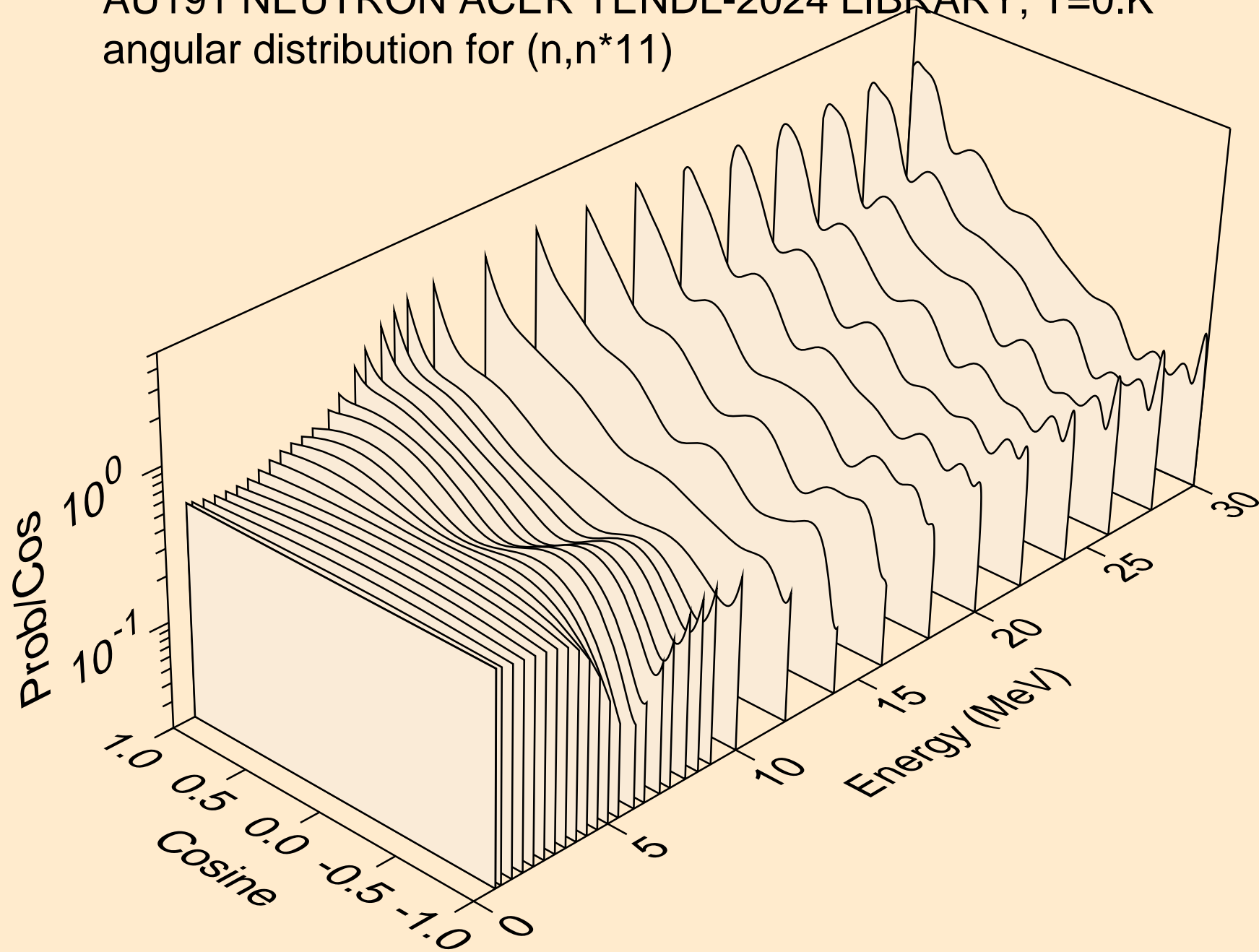
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



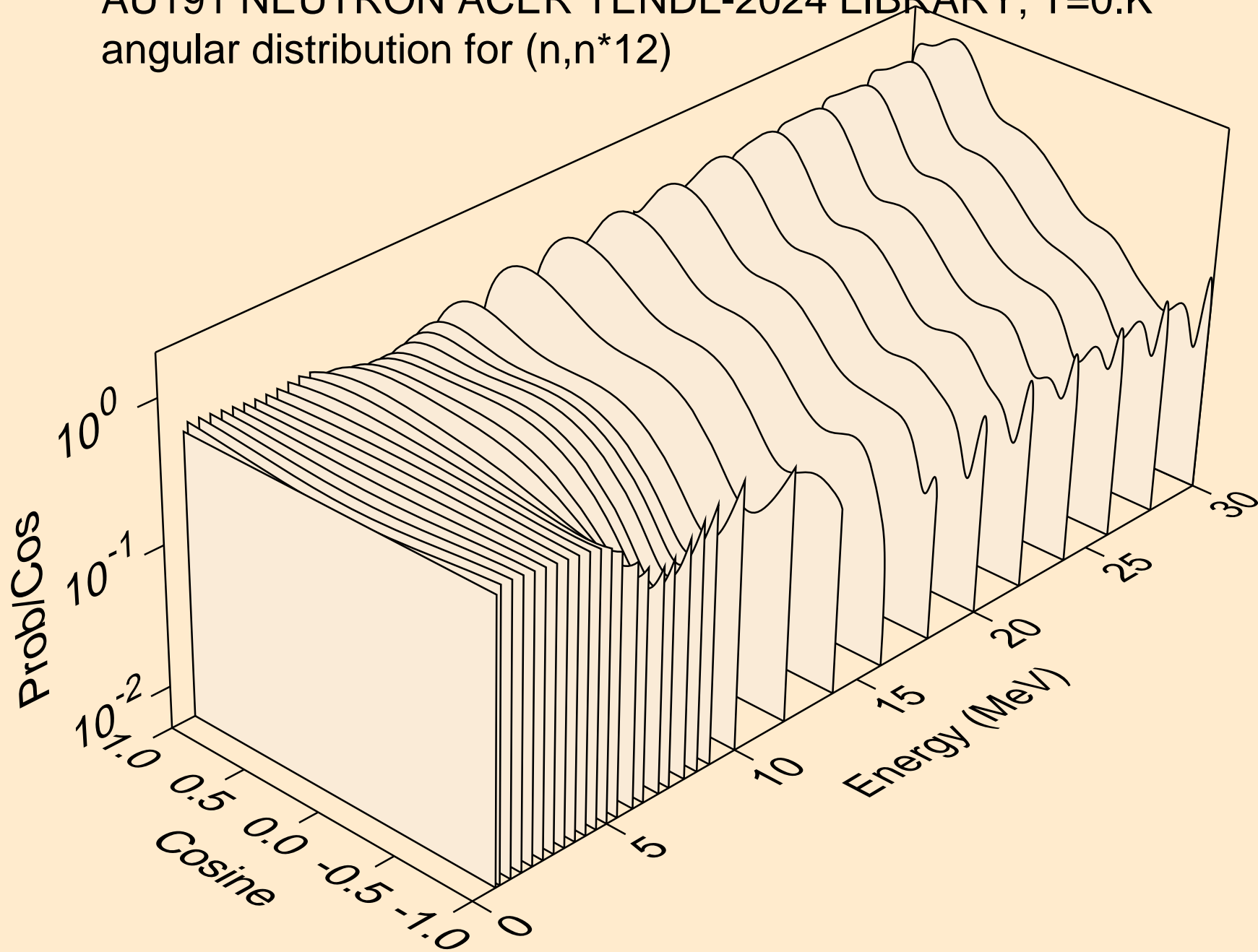
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



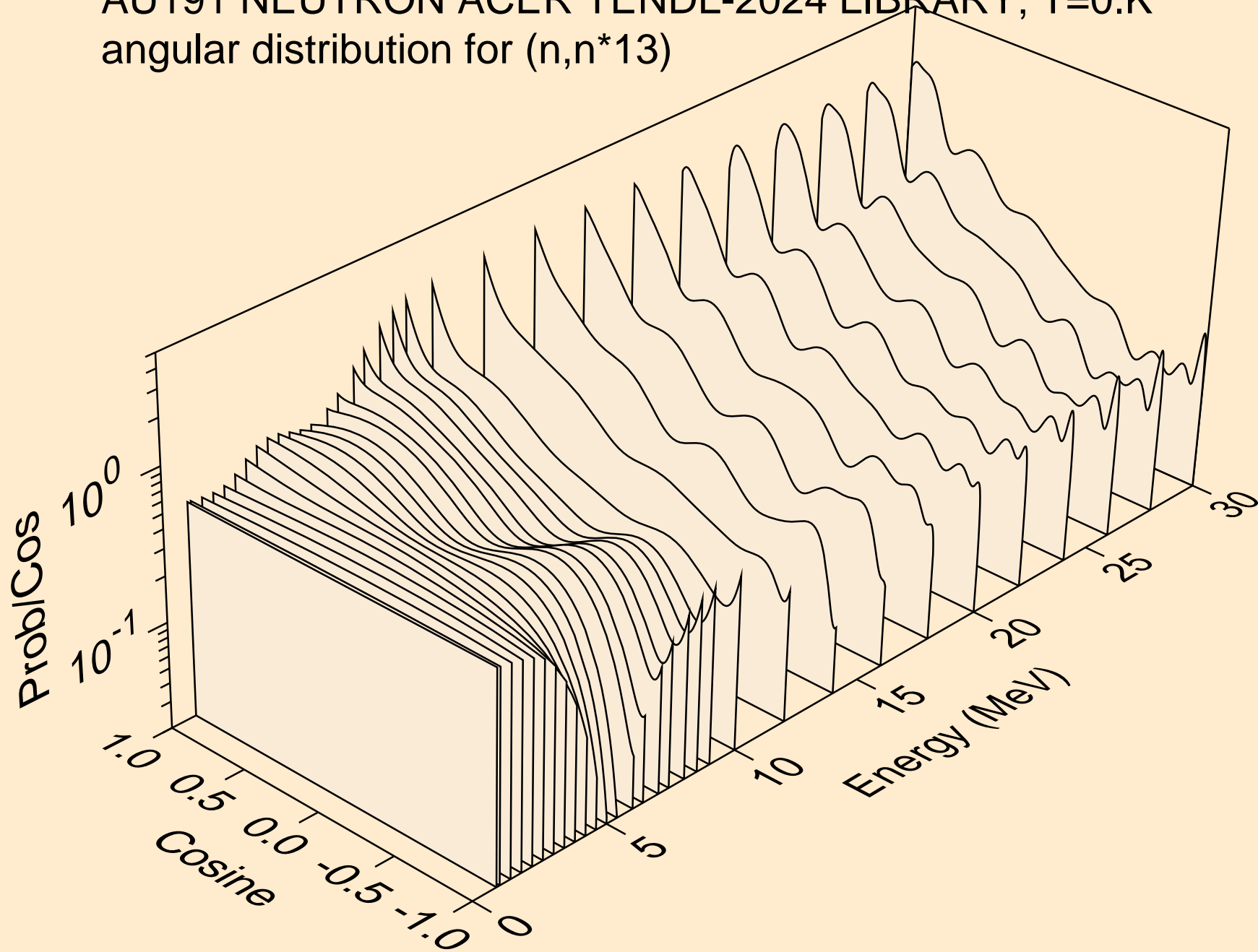
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



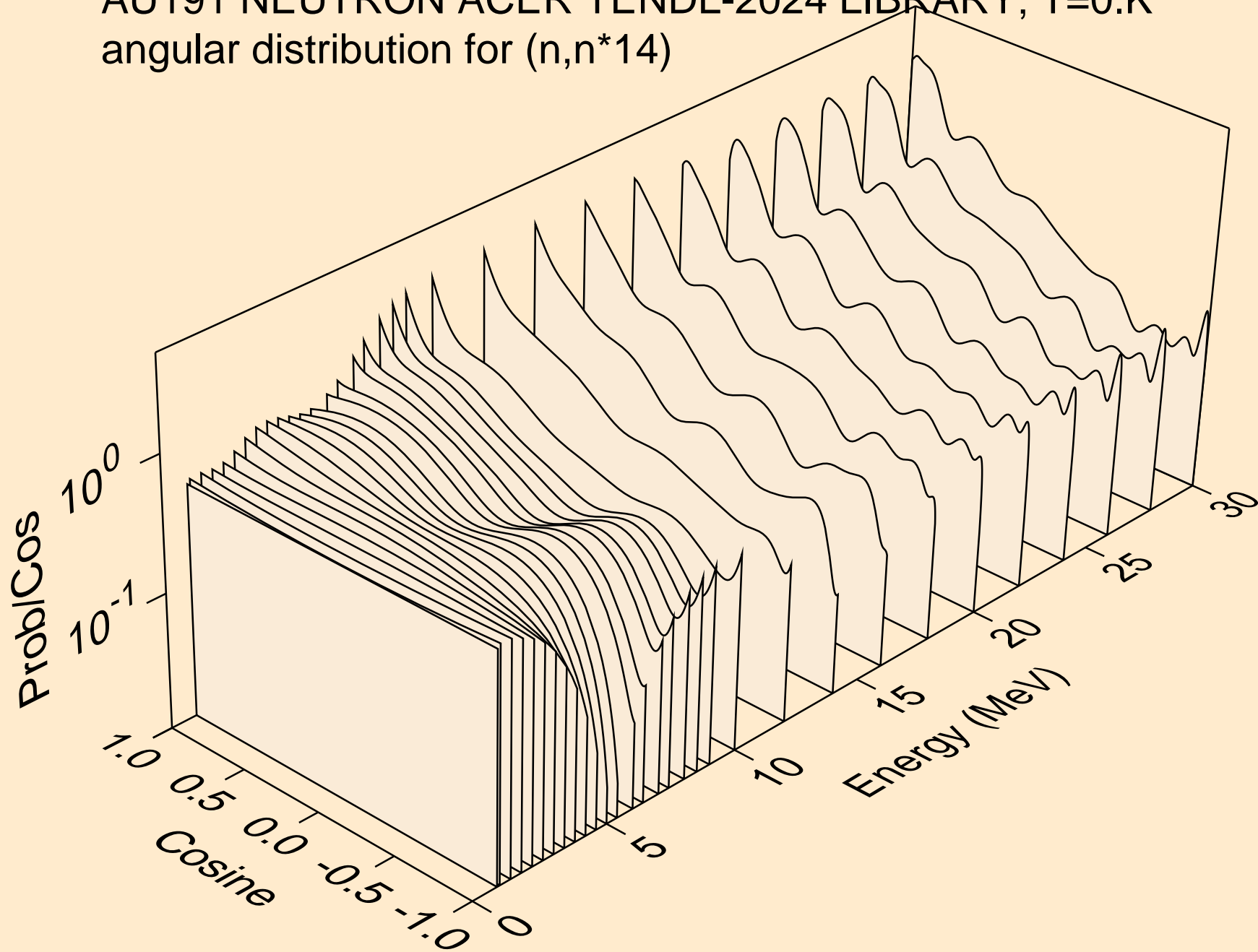
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angular distribution for (n,n\*12)



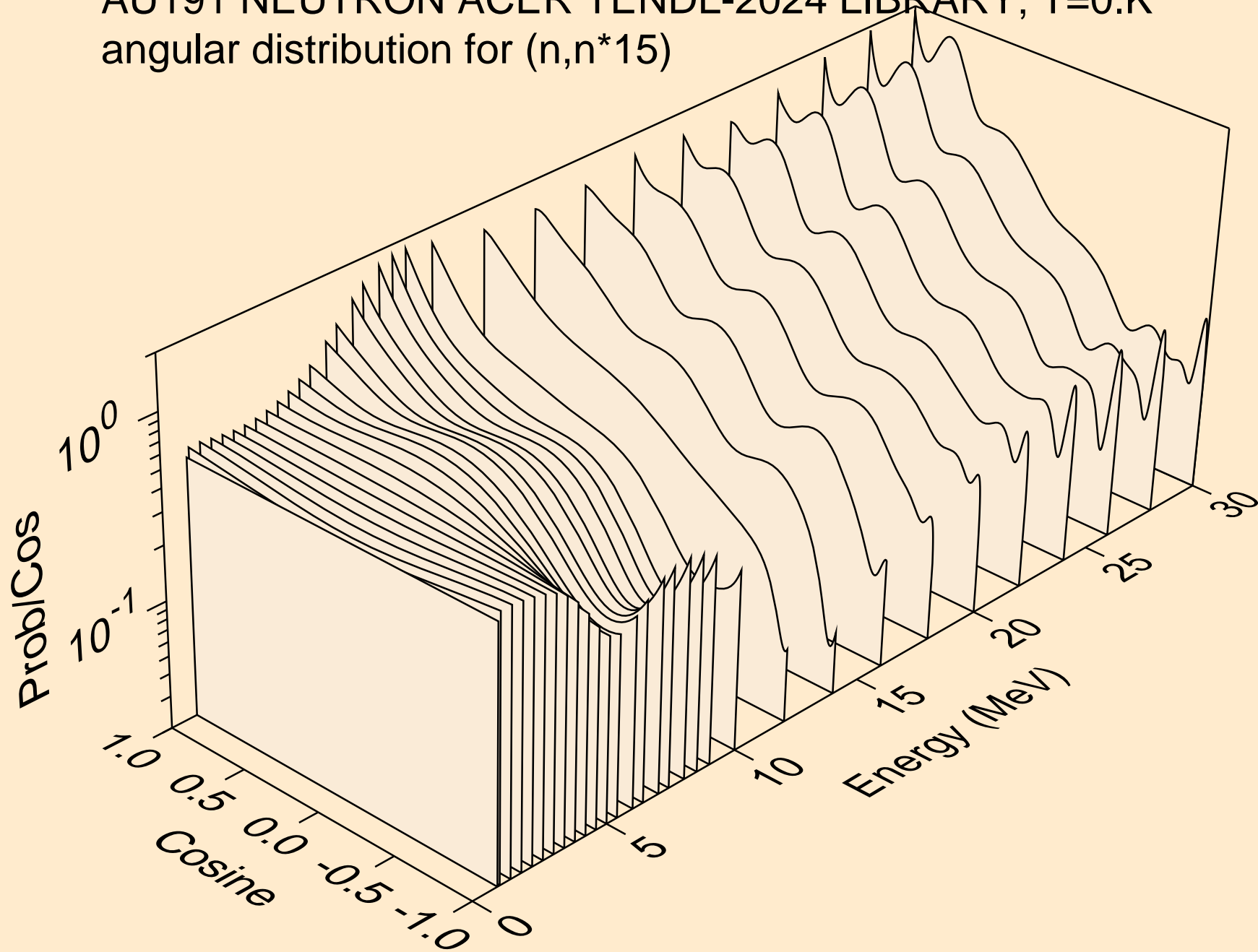
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angular distribution for (n,n\*13)



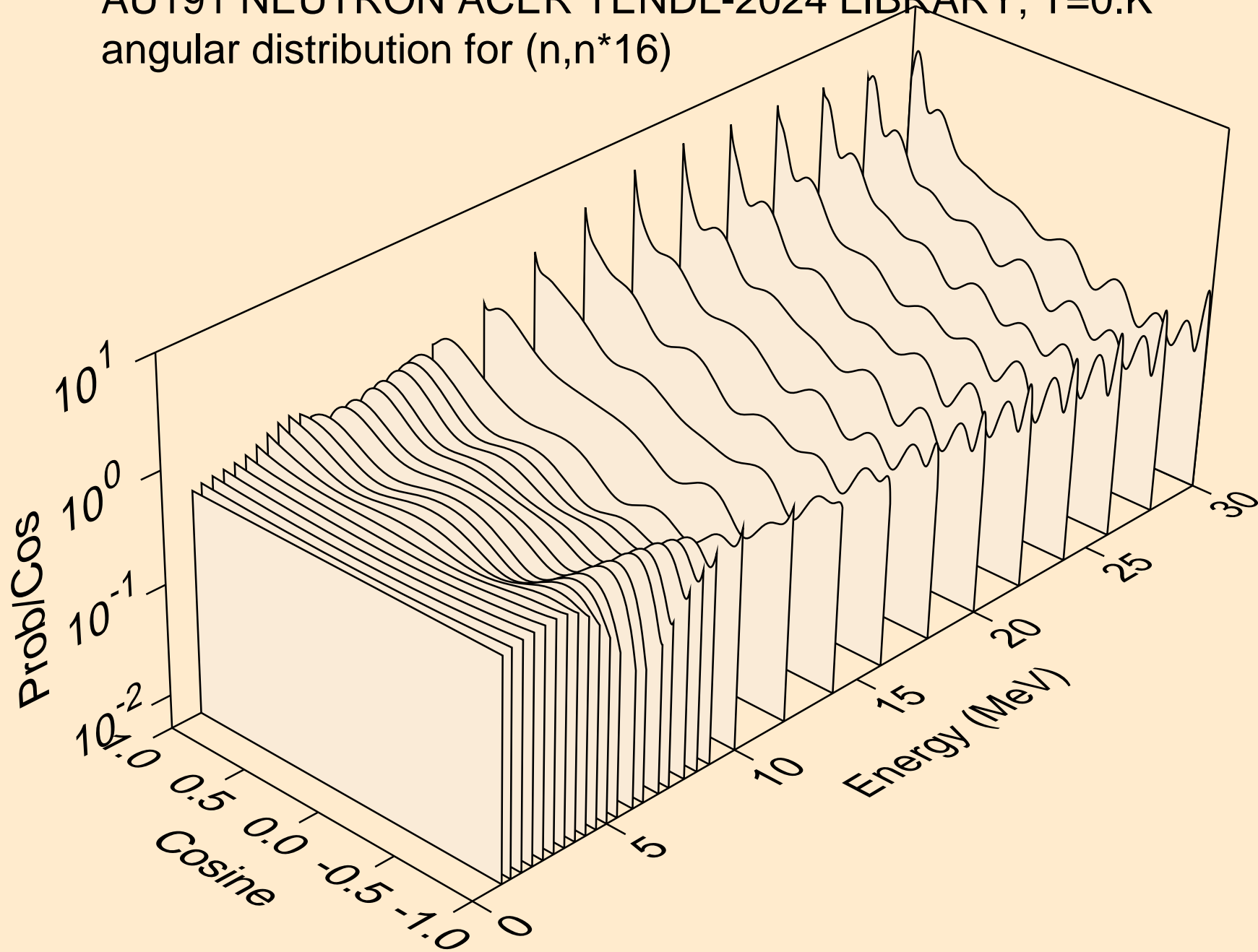
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

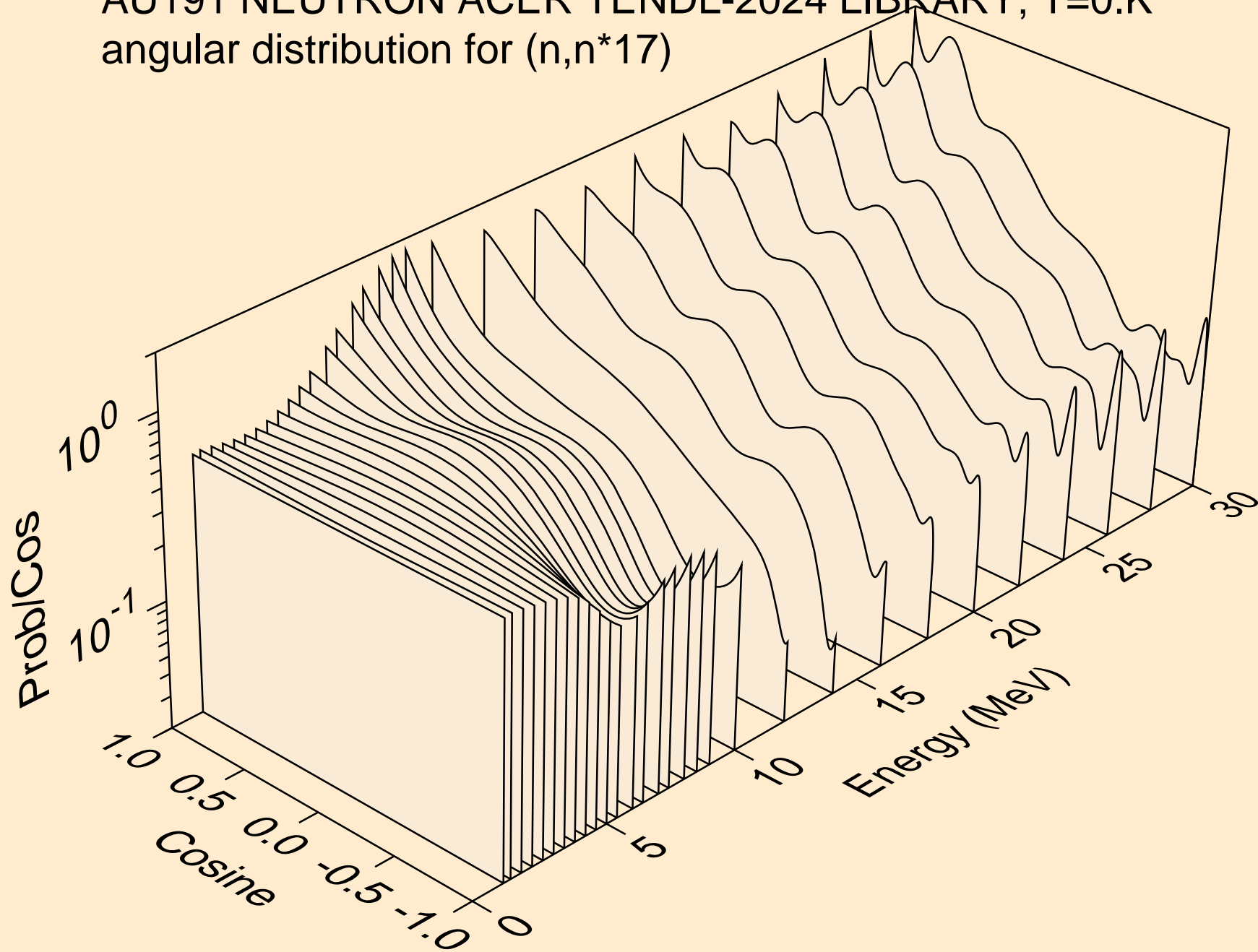


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

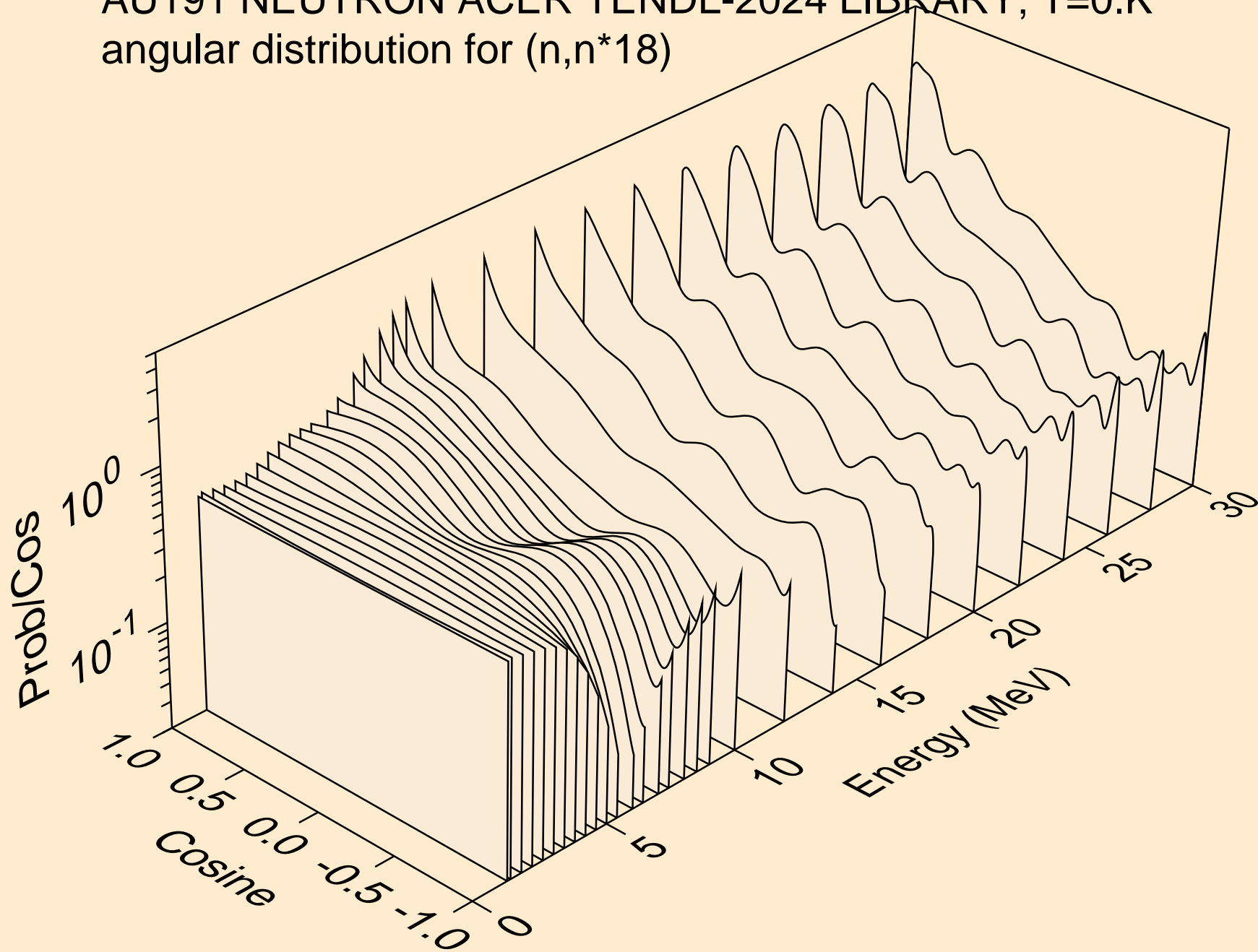




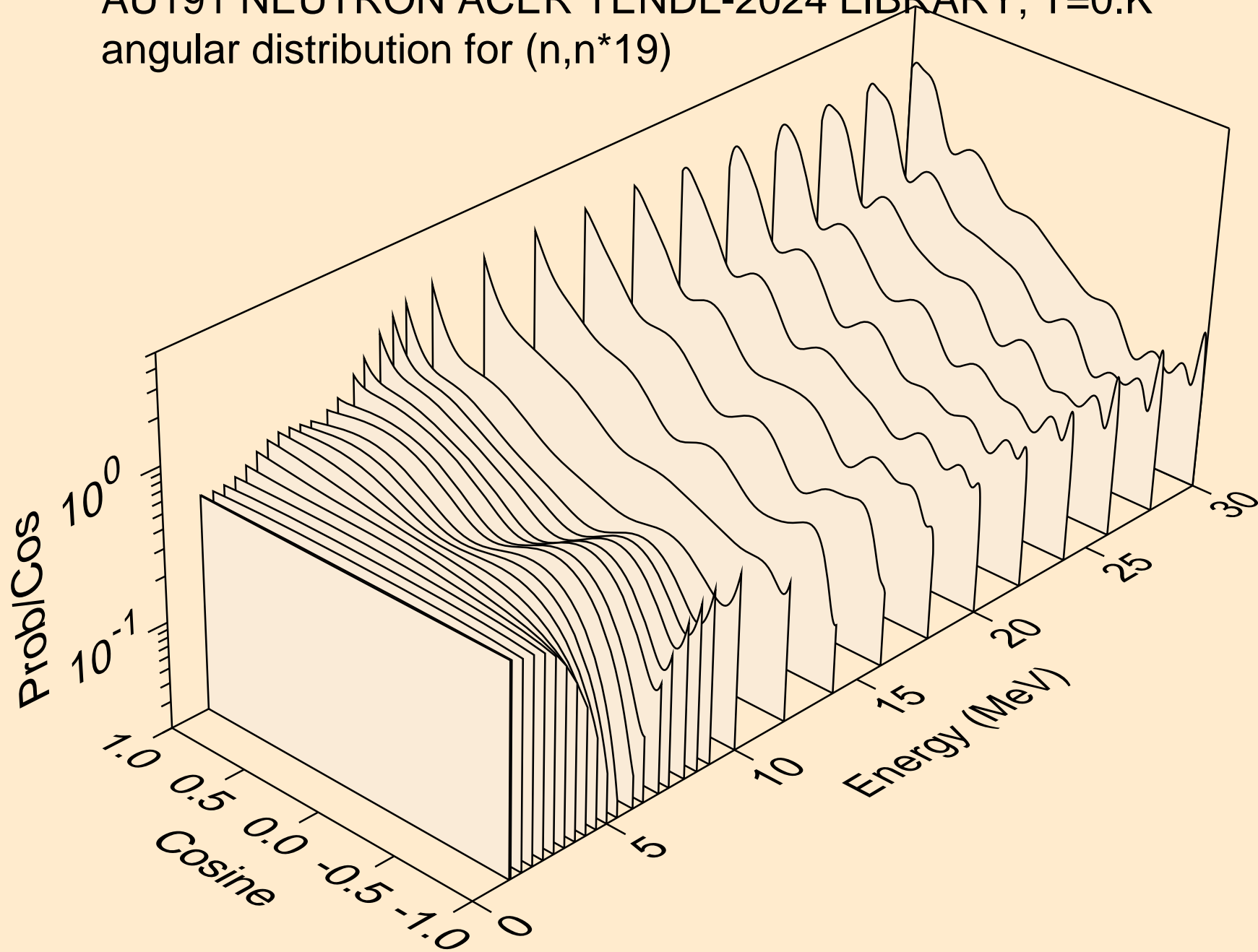
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angular distribution for (n,n\*17)



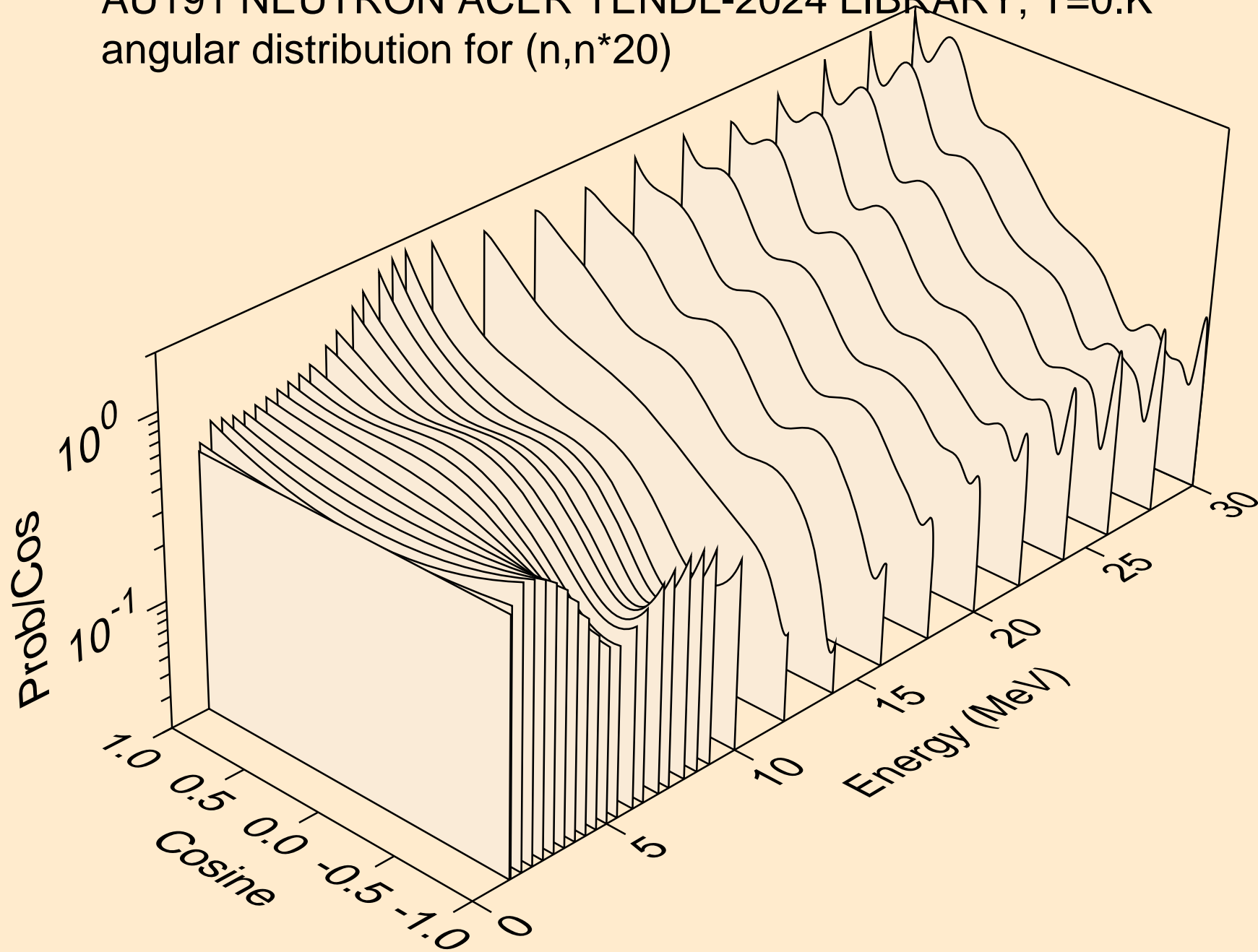
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



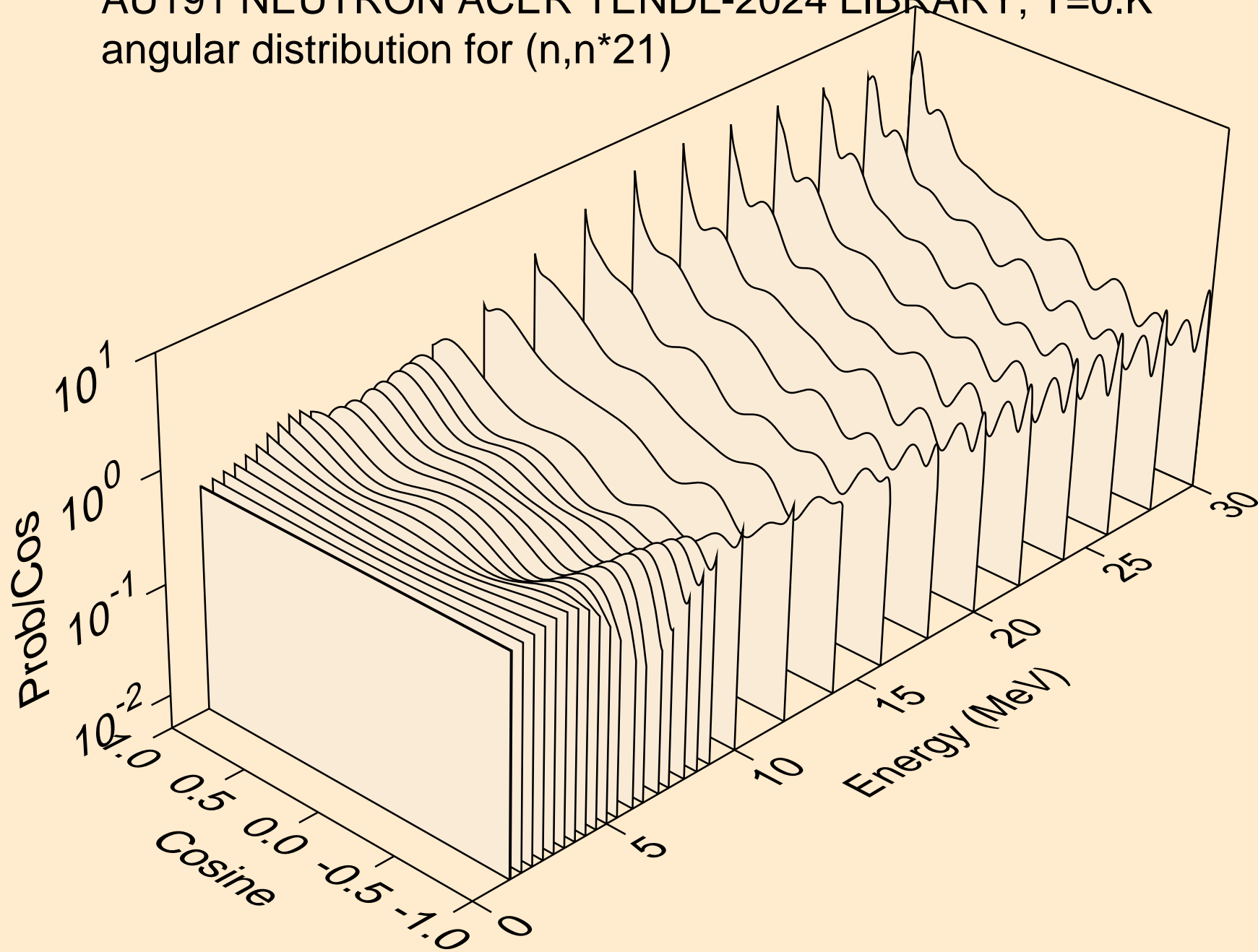
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angular distribution for (n,n\*19)



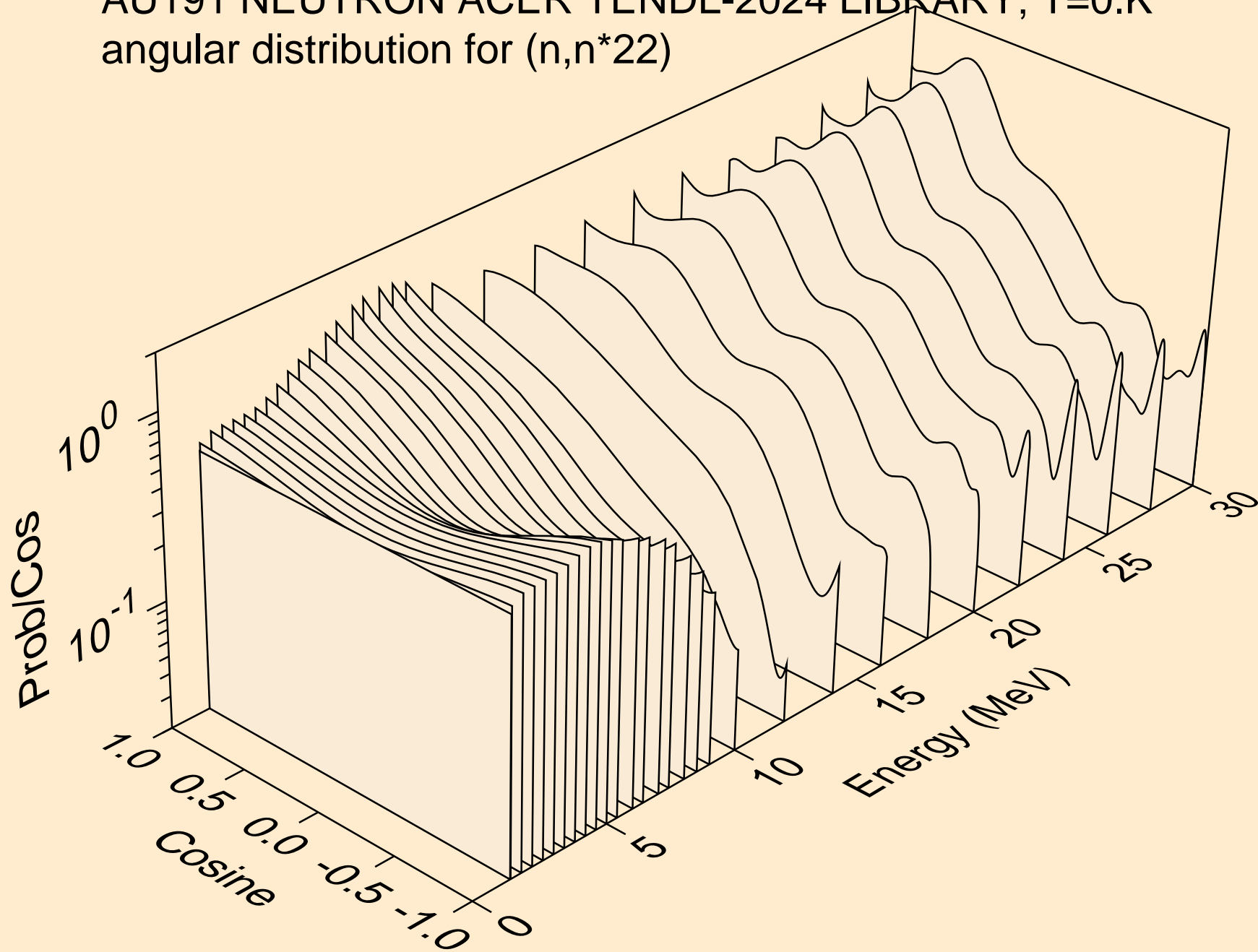
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angular distribution for (n,n\*20)



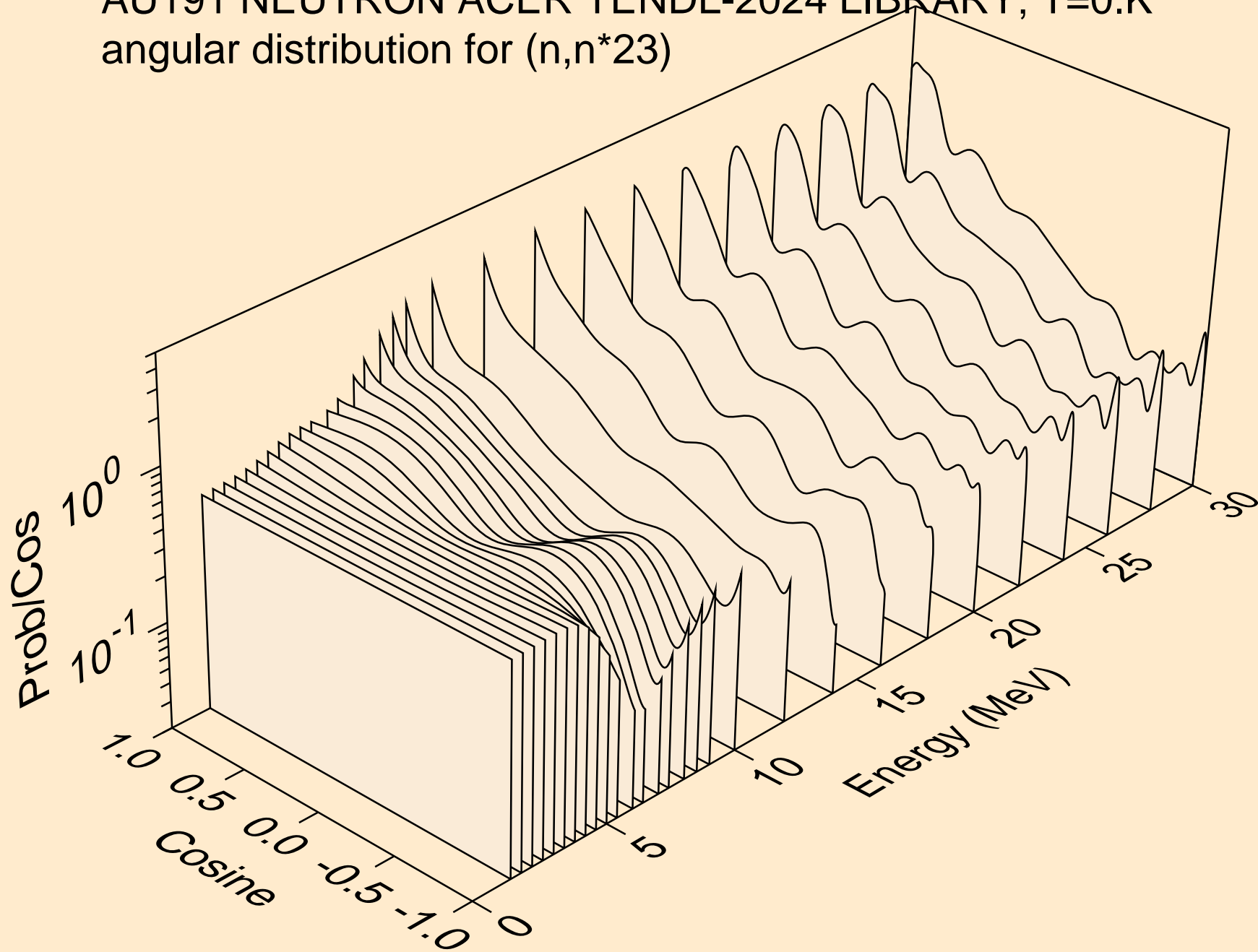
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



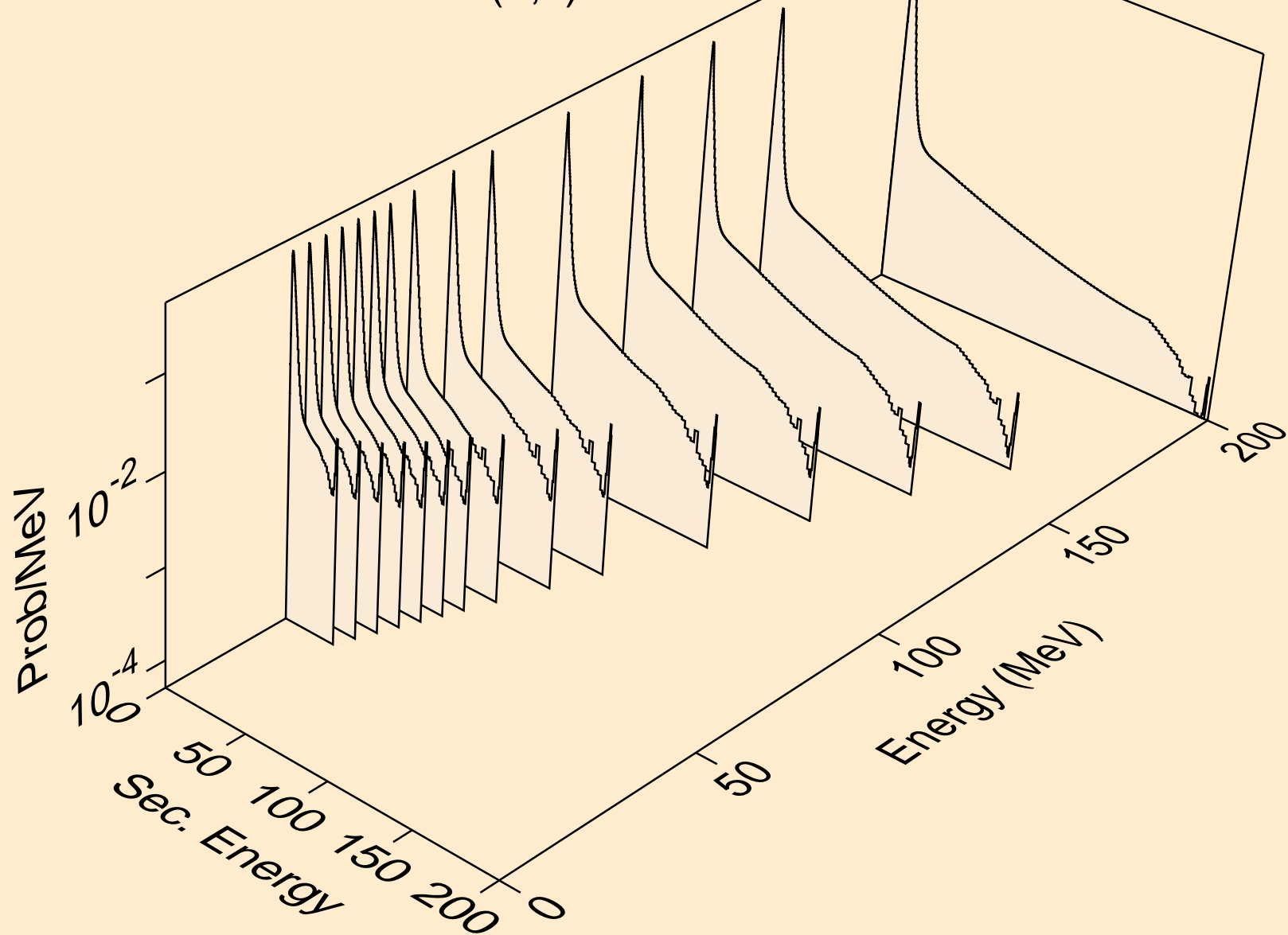
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

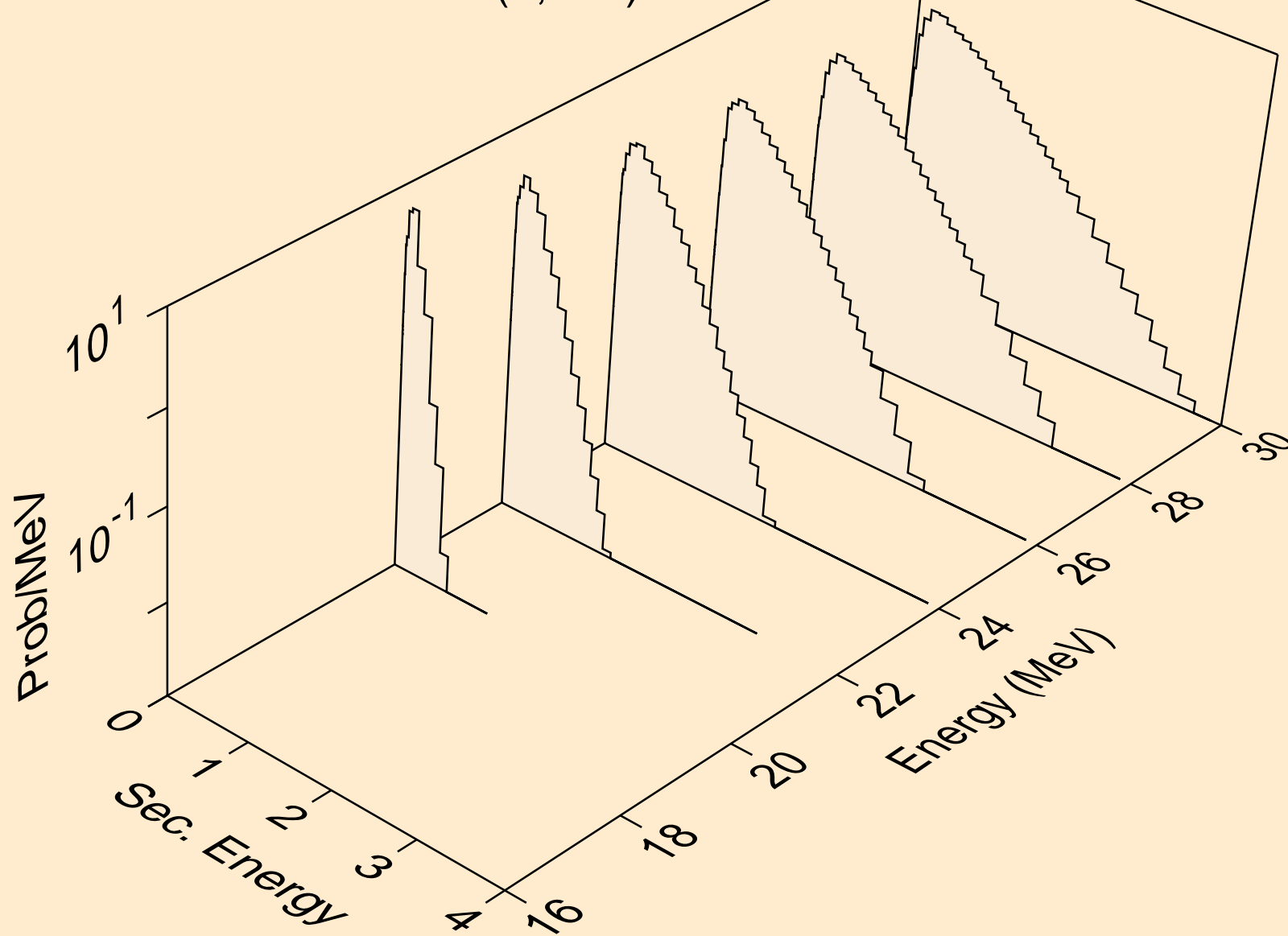


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

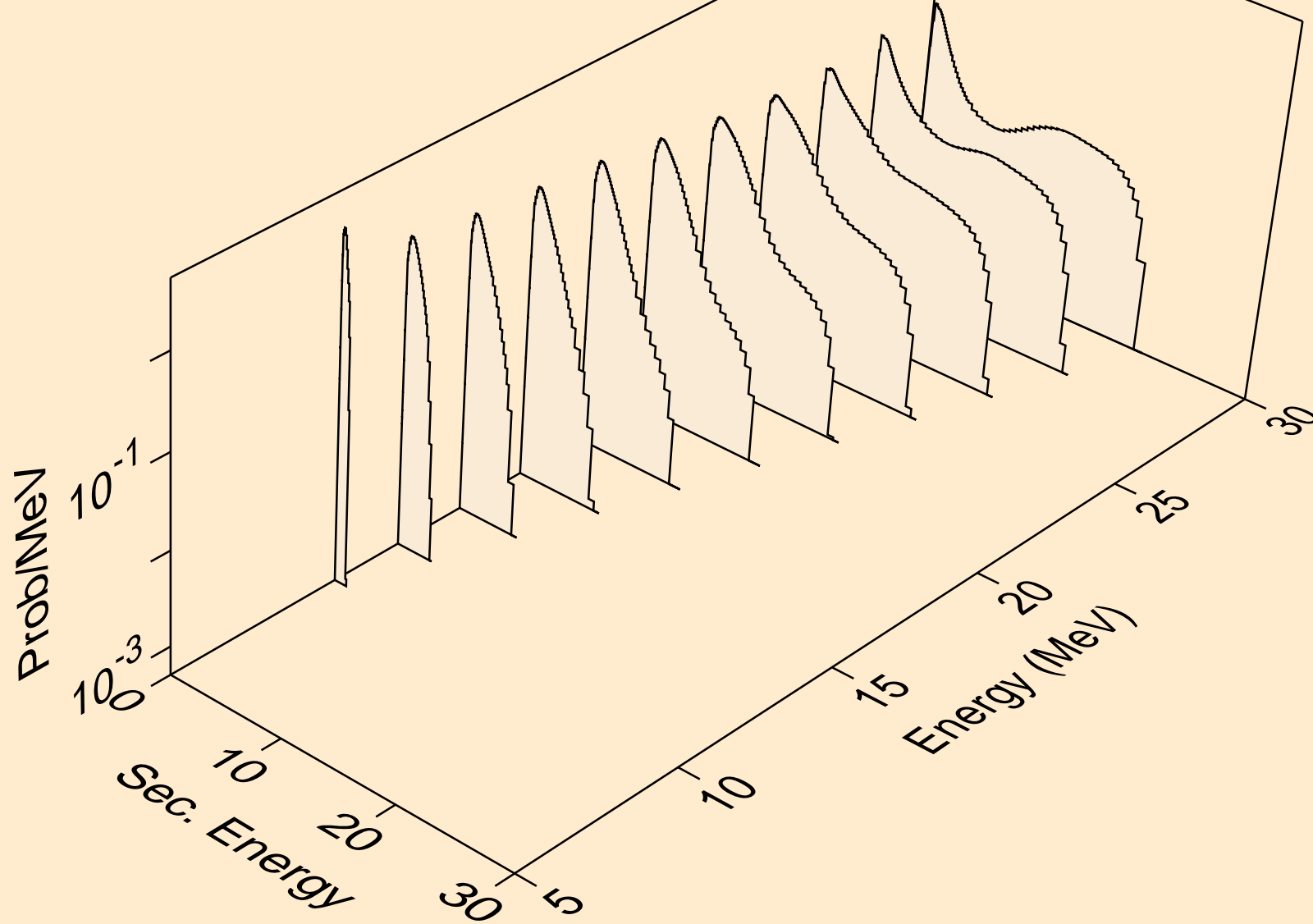




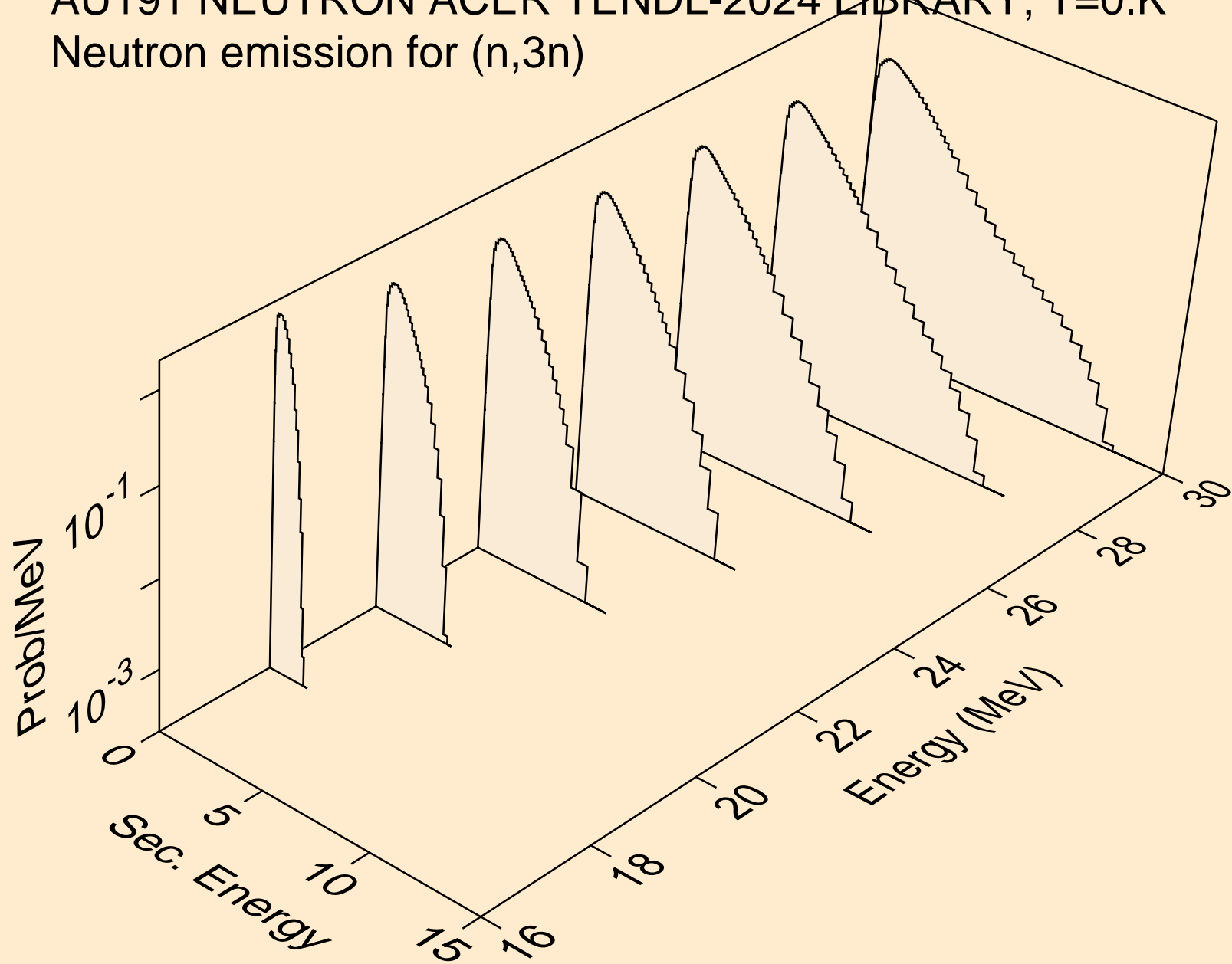
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



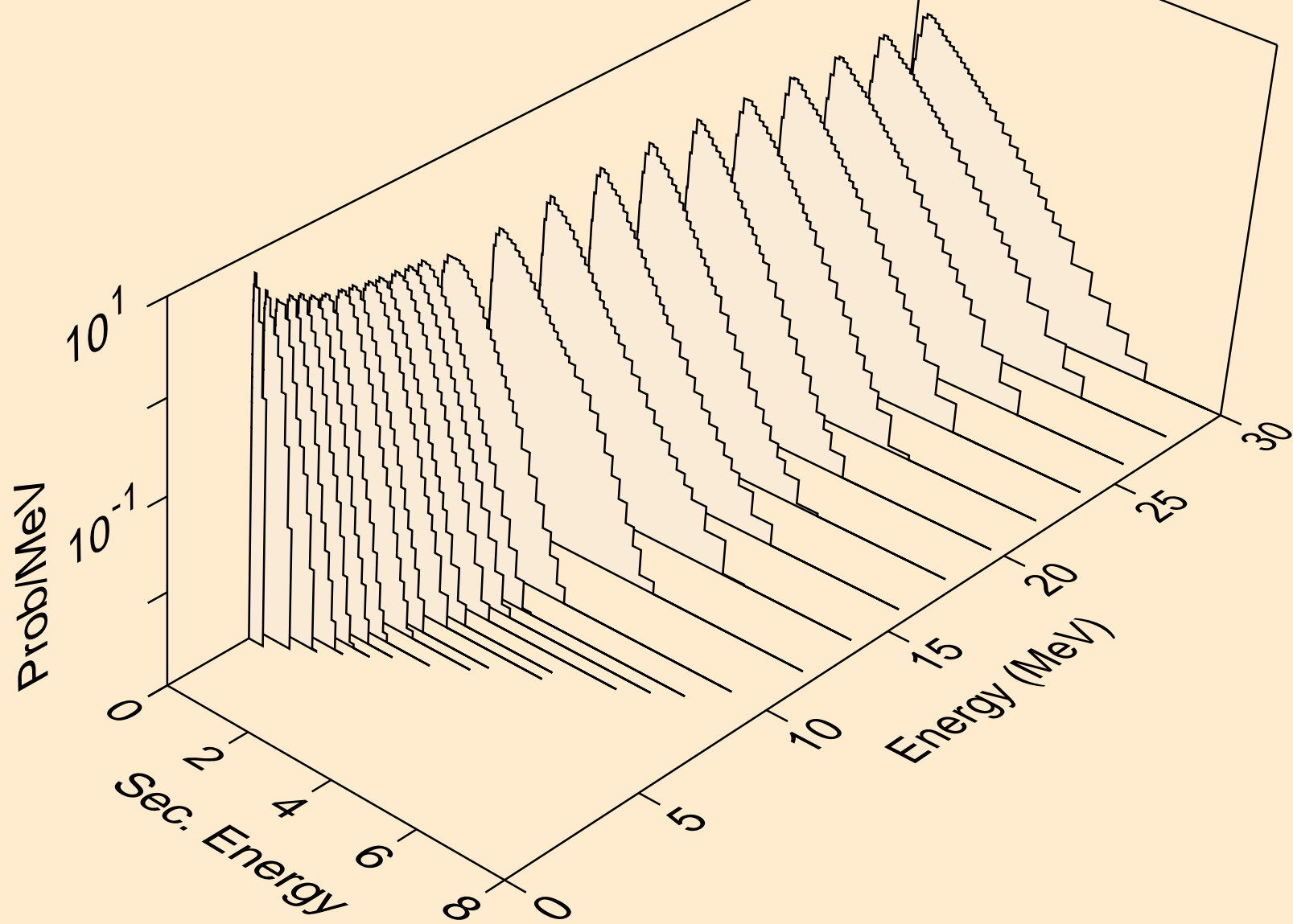
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



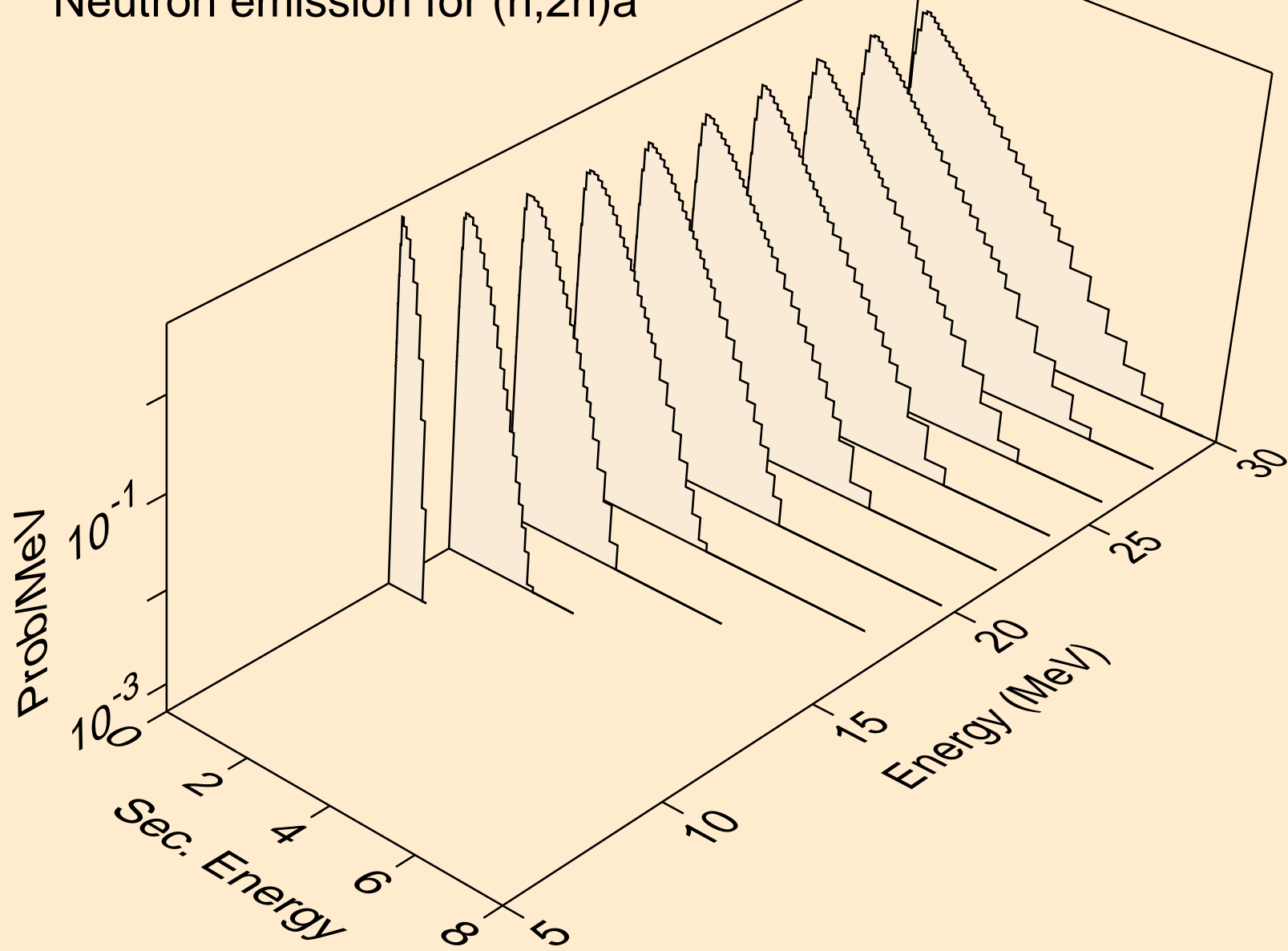
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



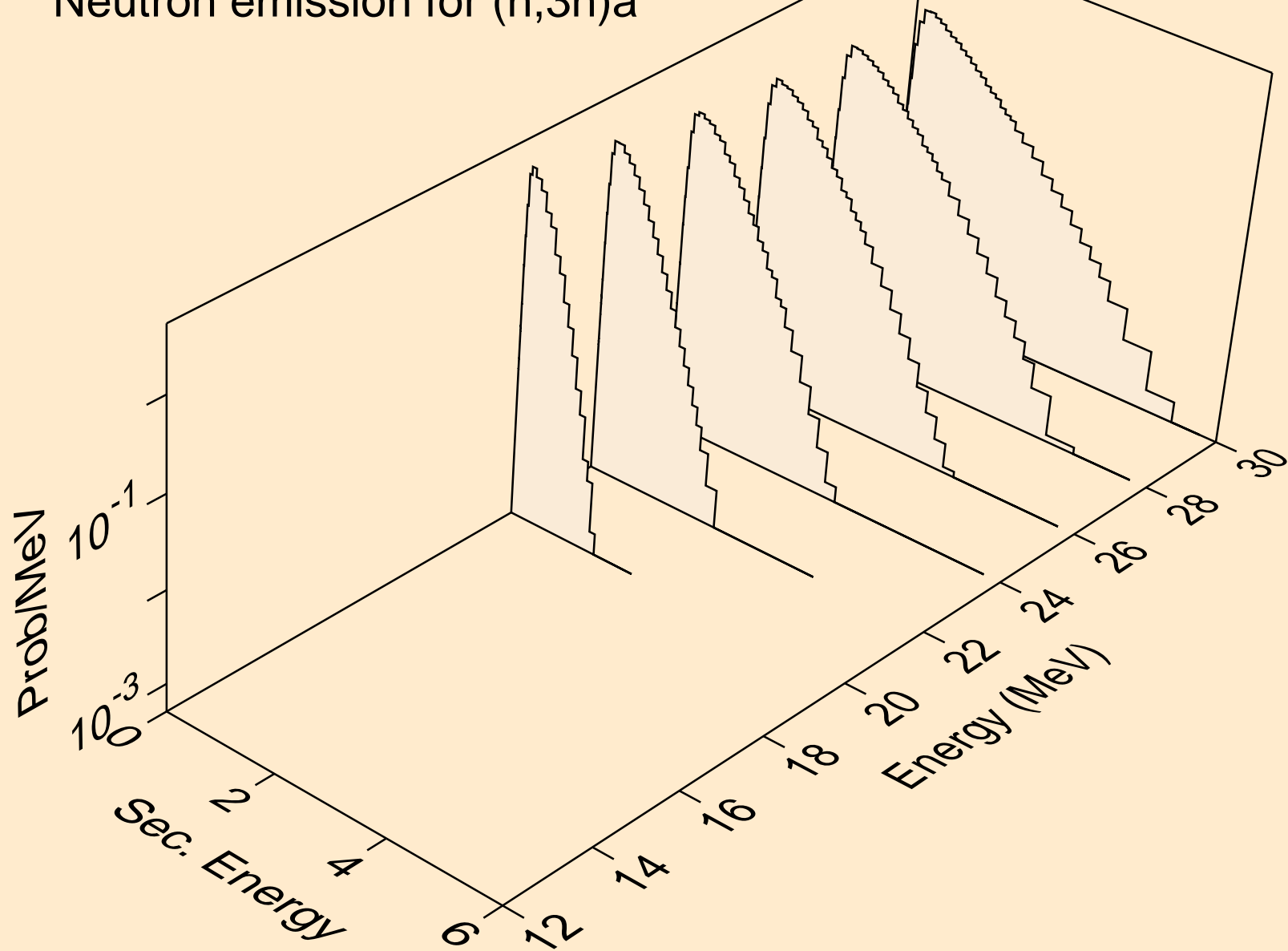
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



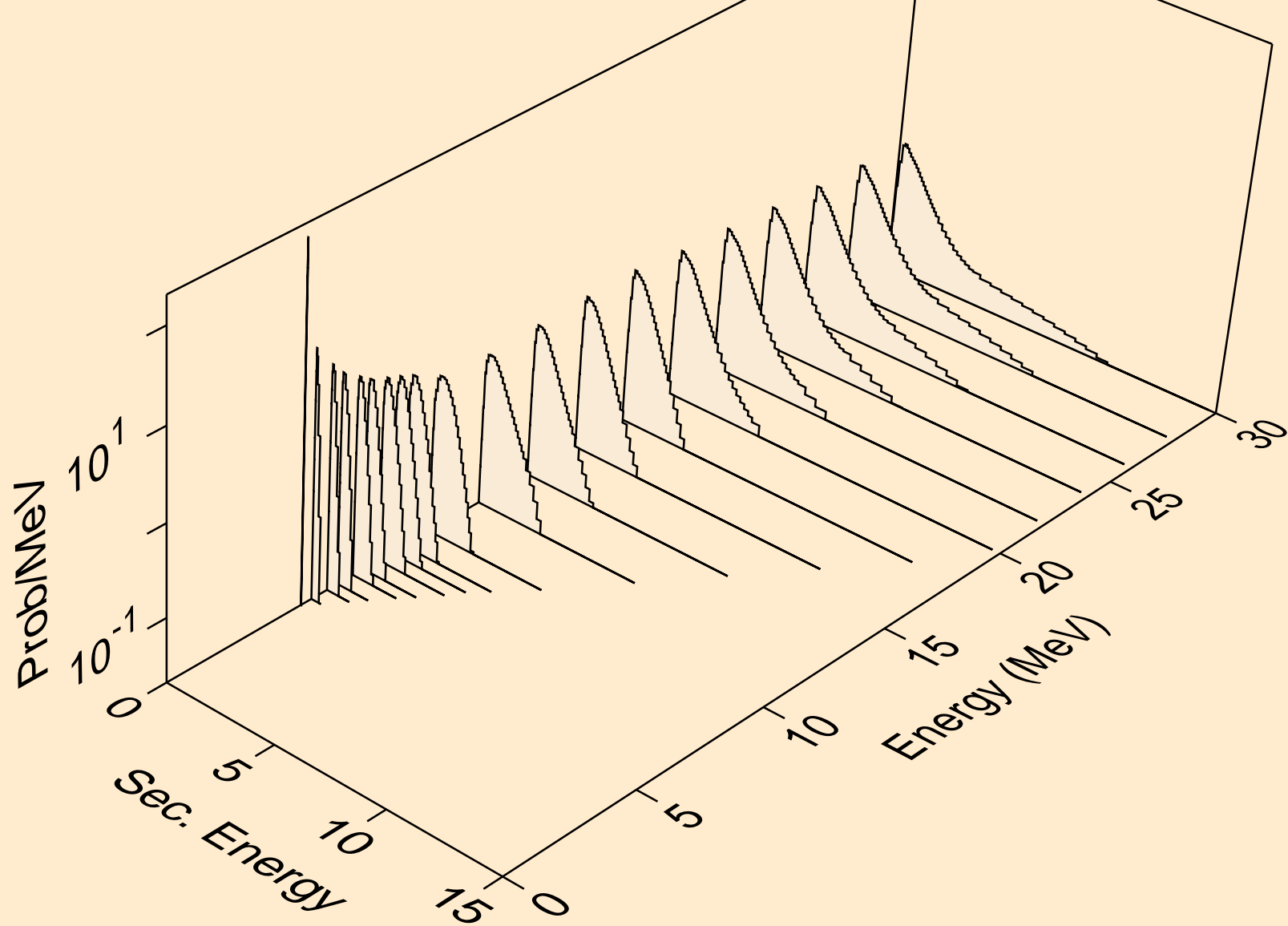
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



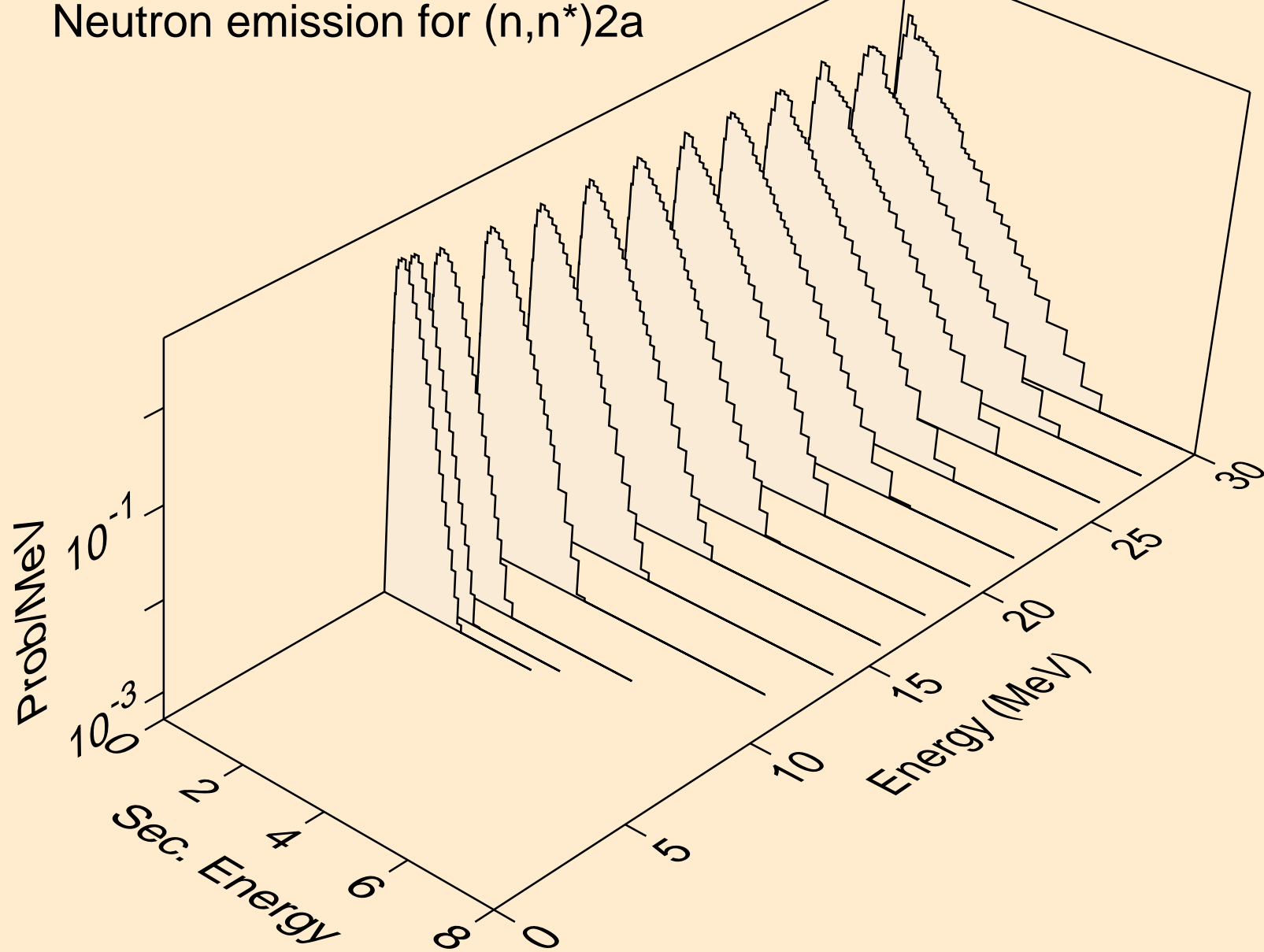
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

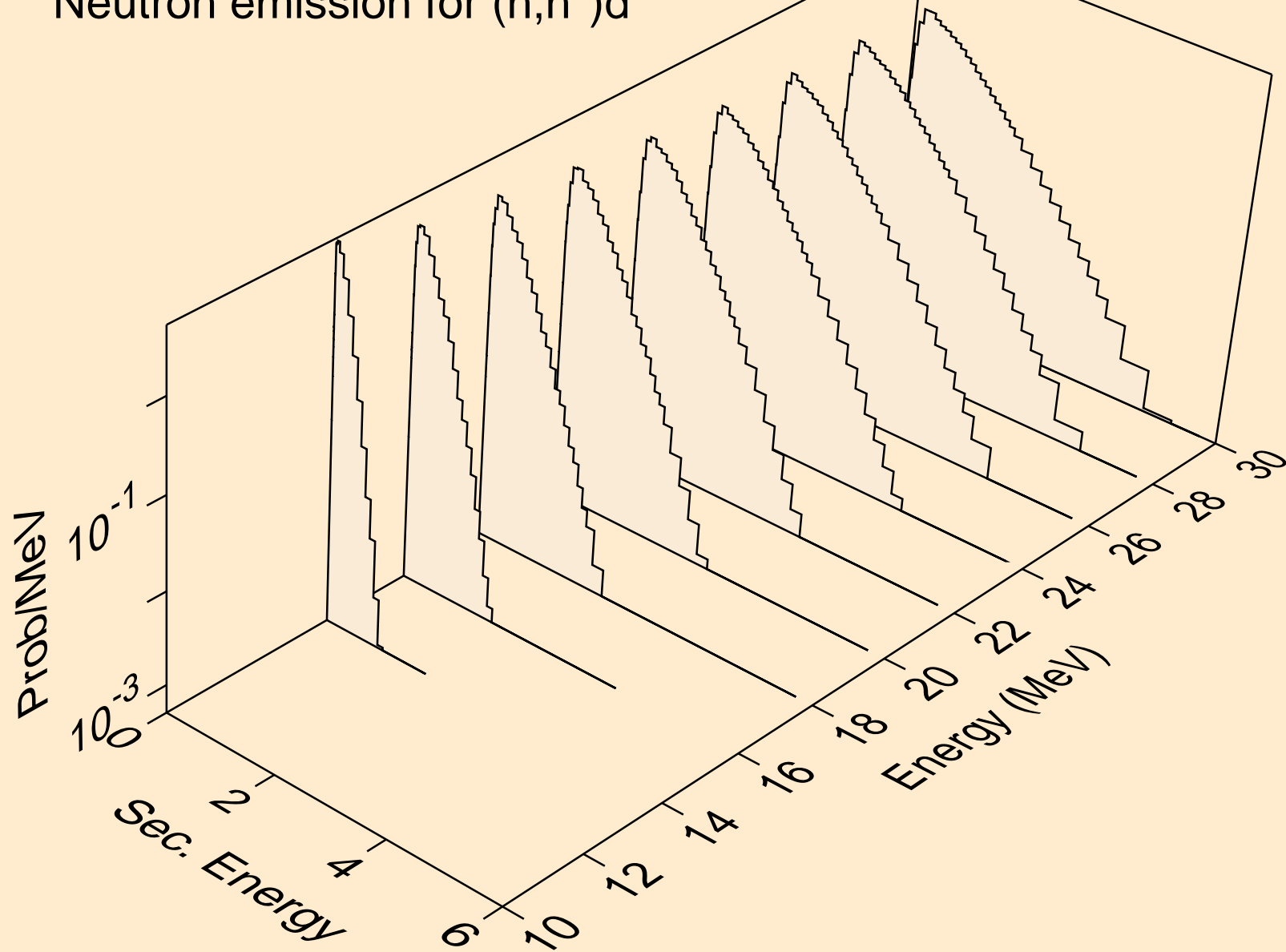


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

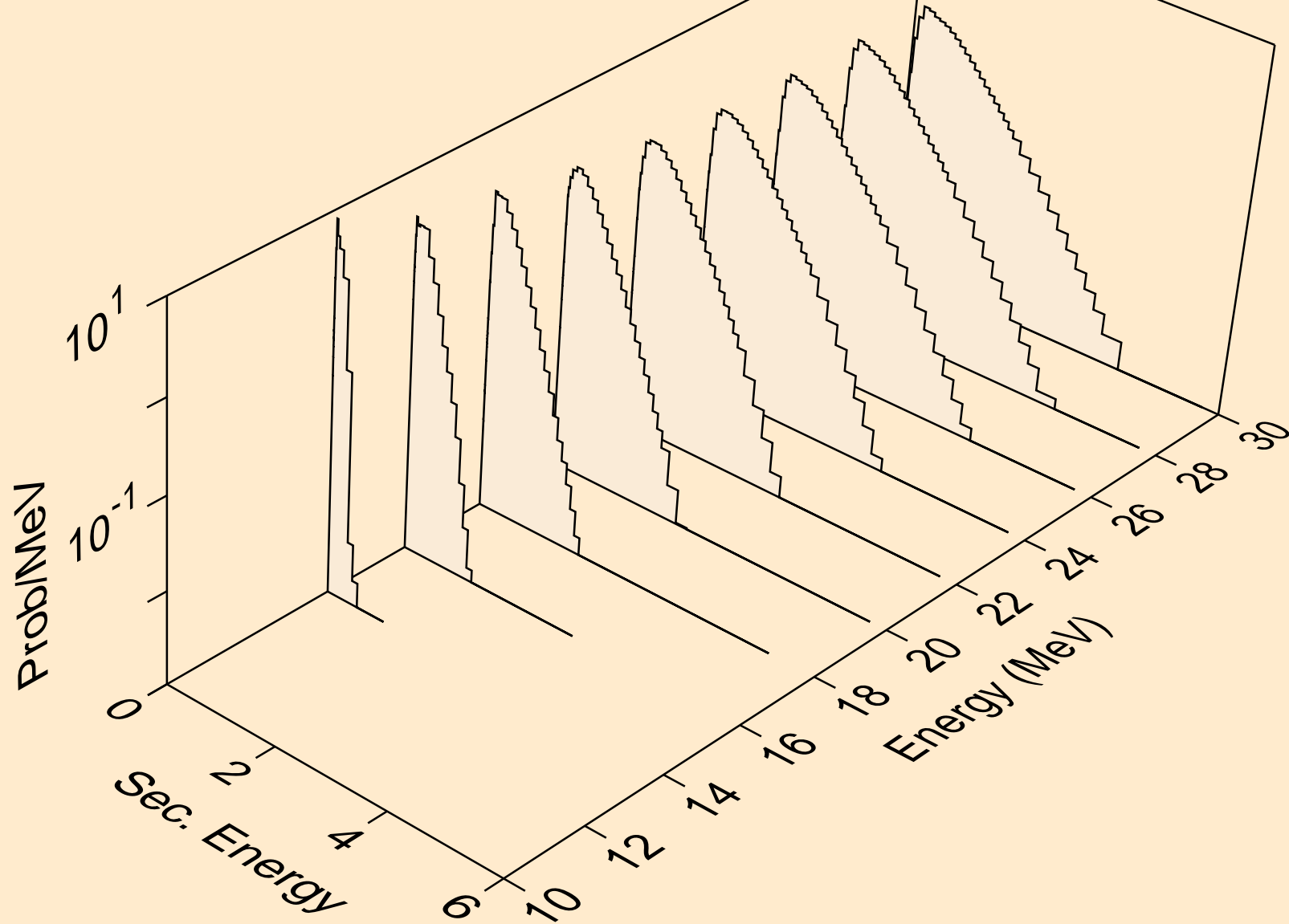




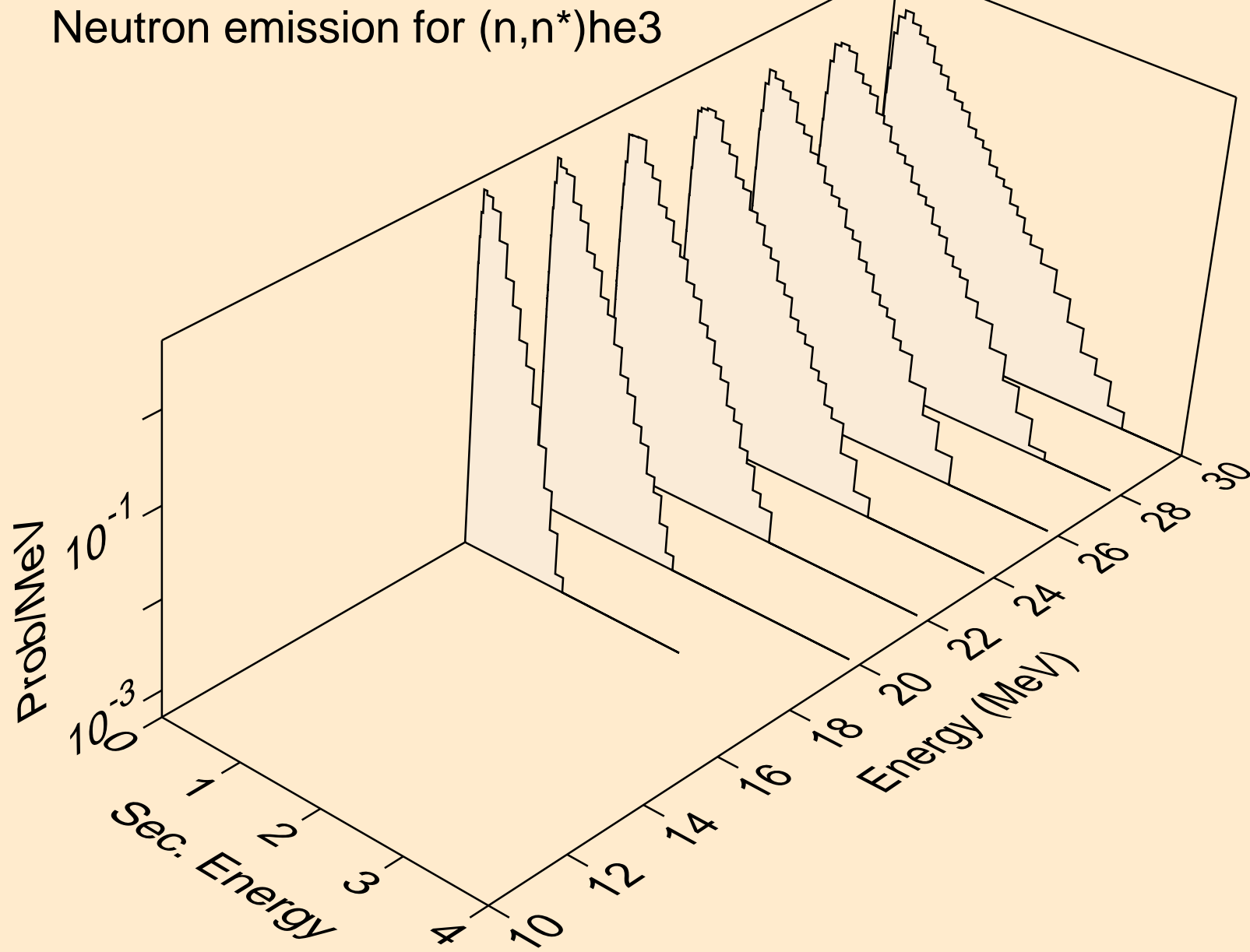
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



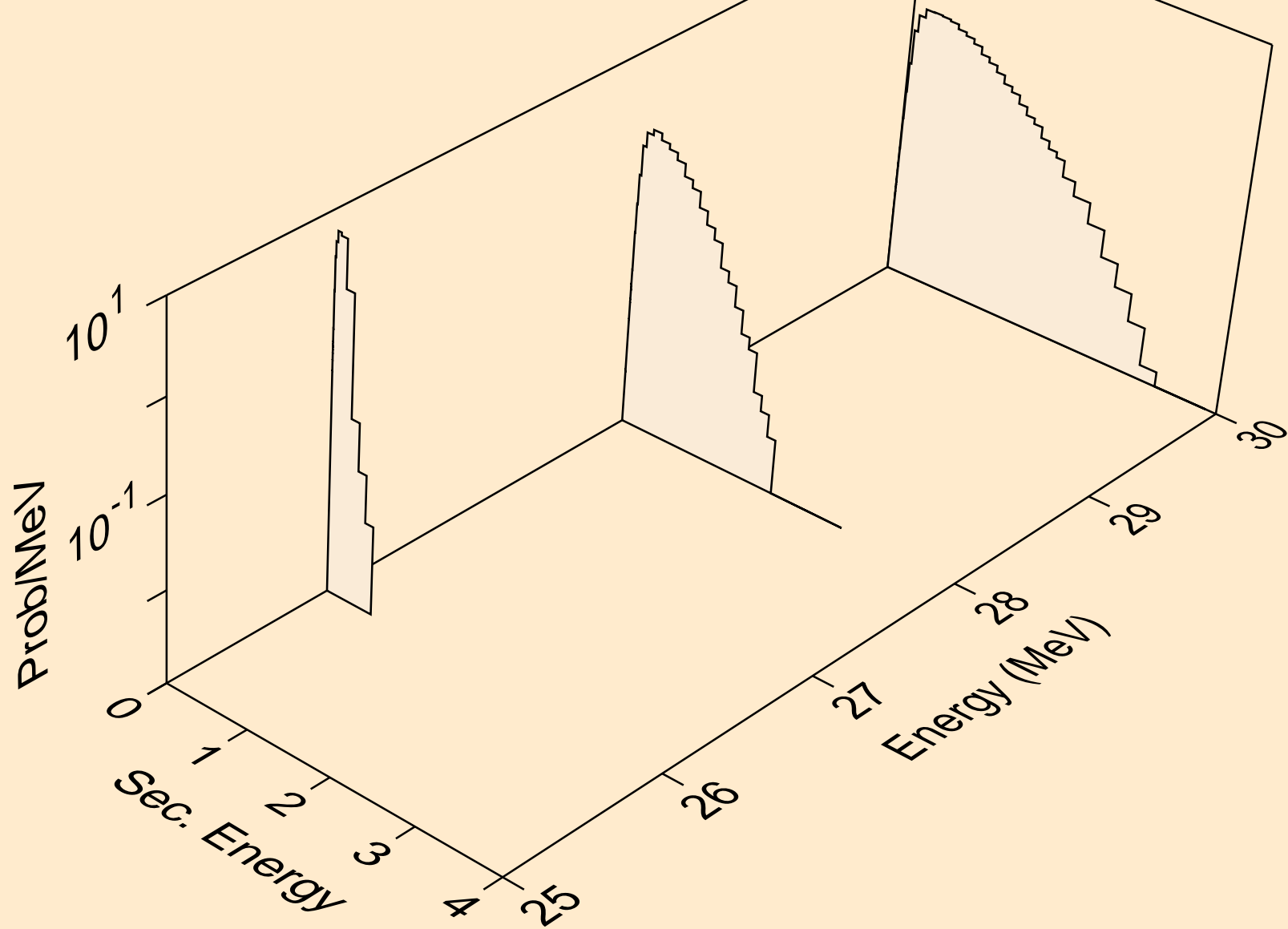
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



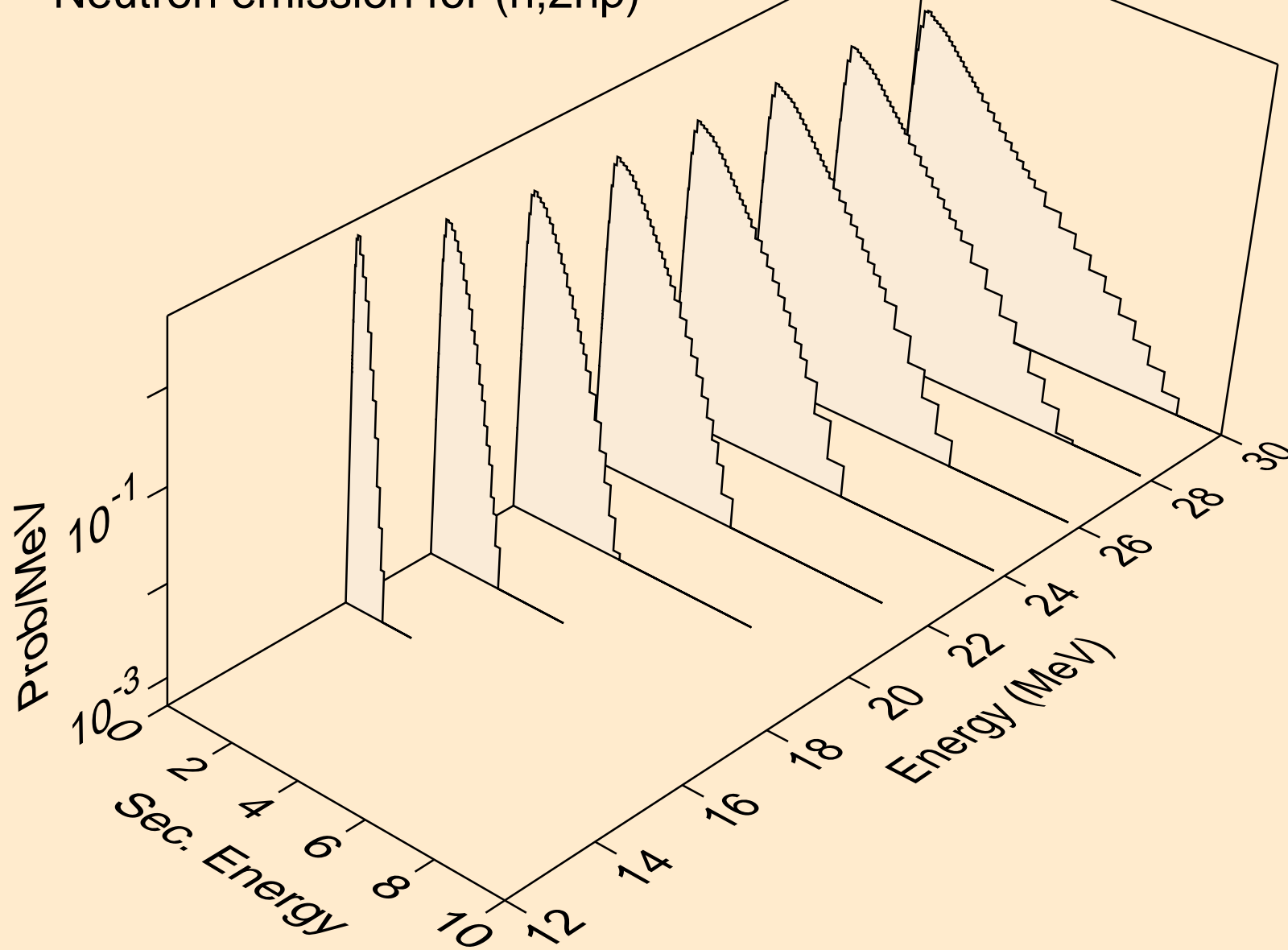
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



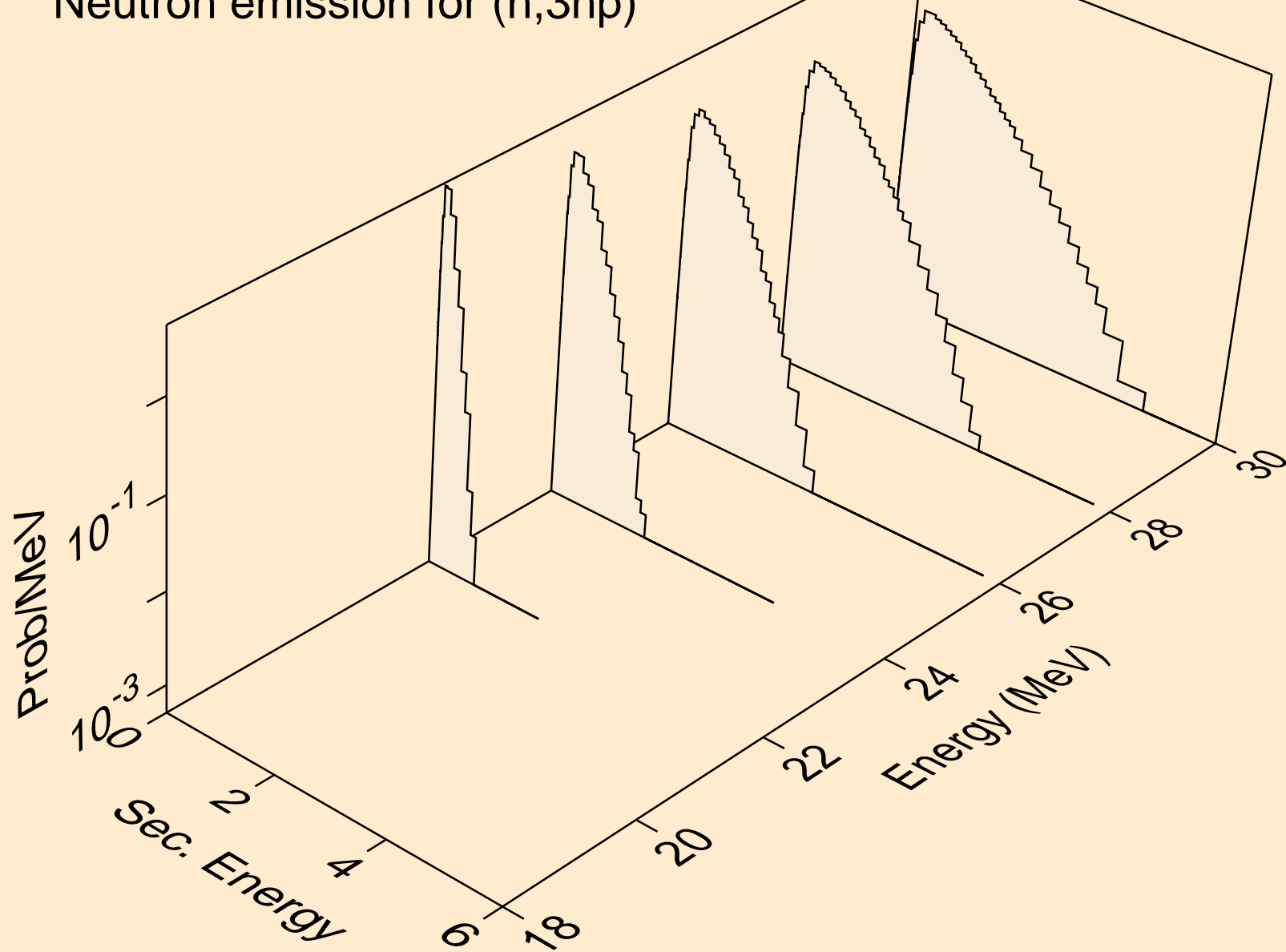
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



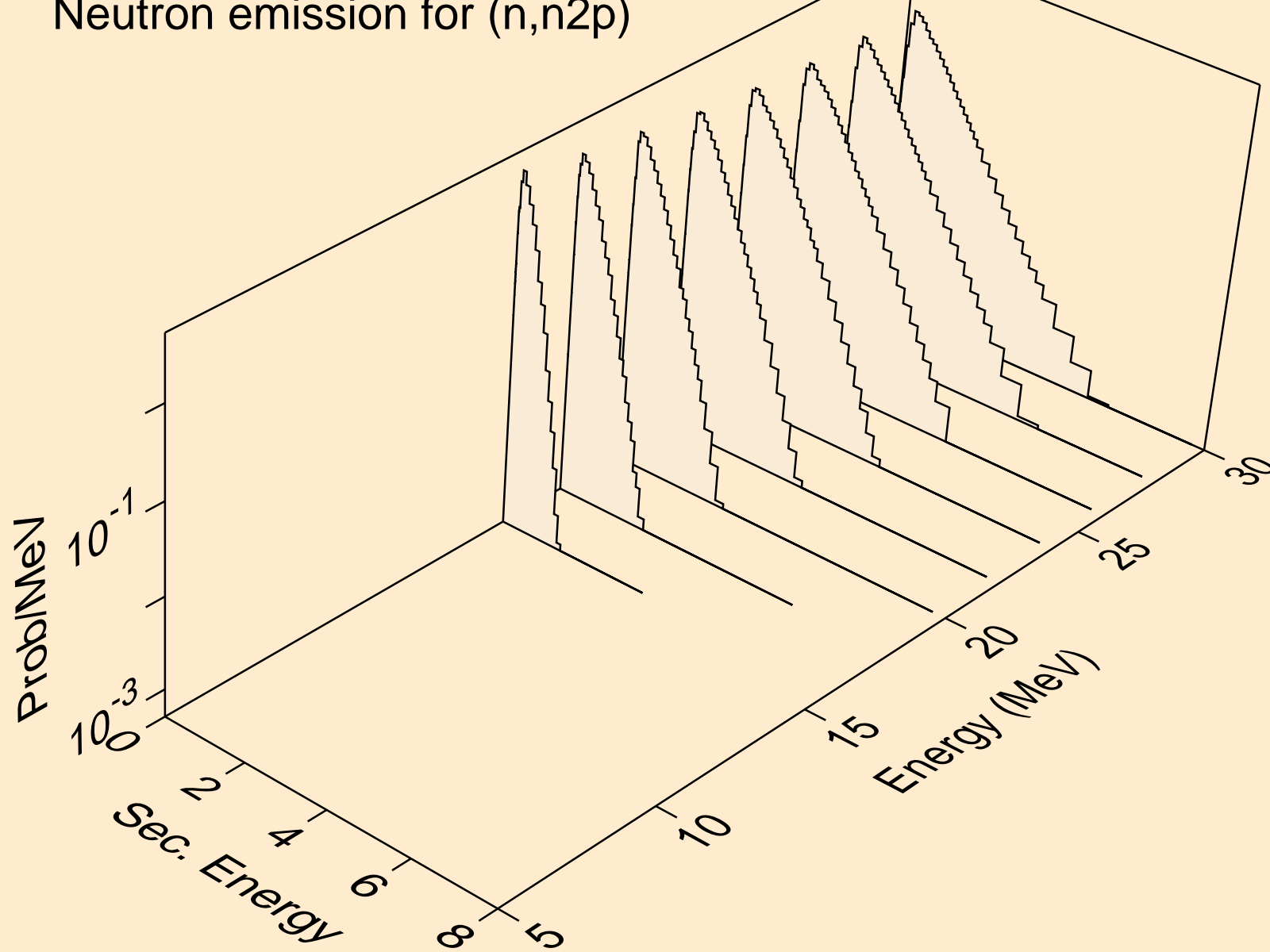
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



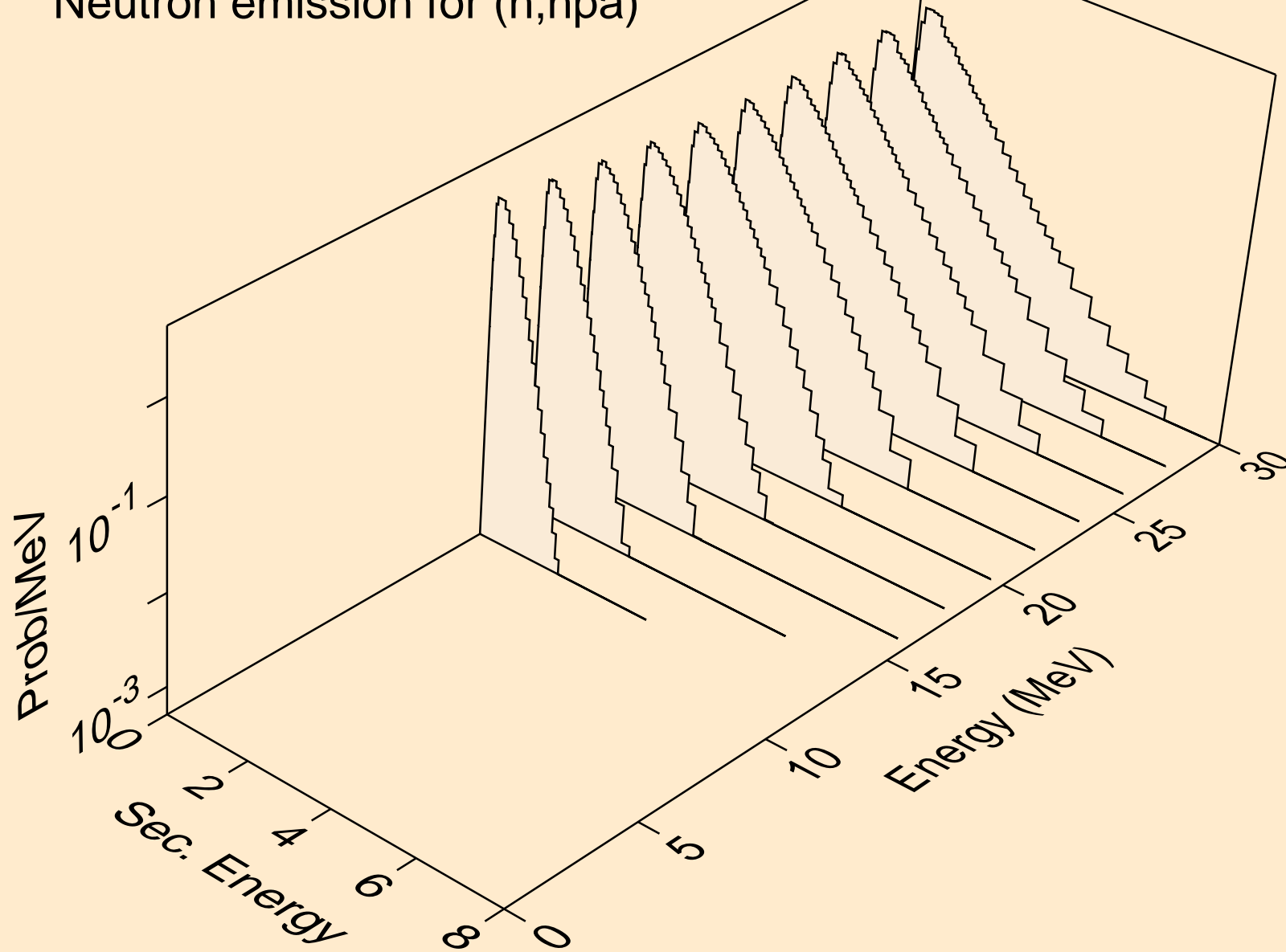
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

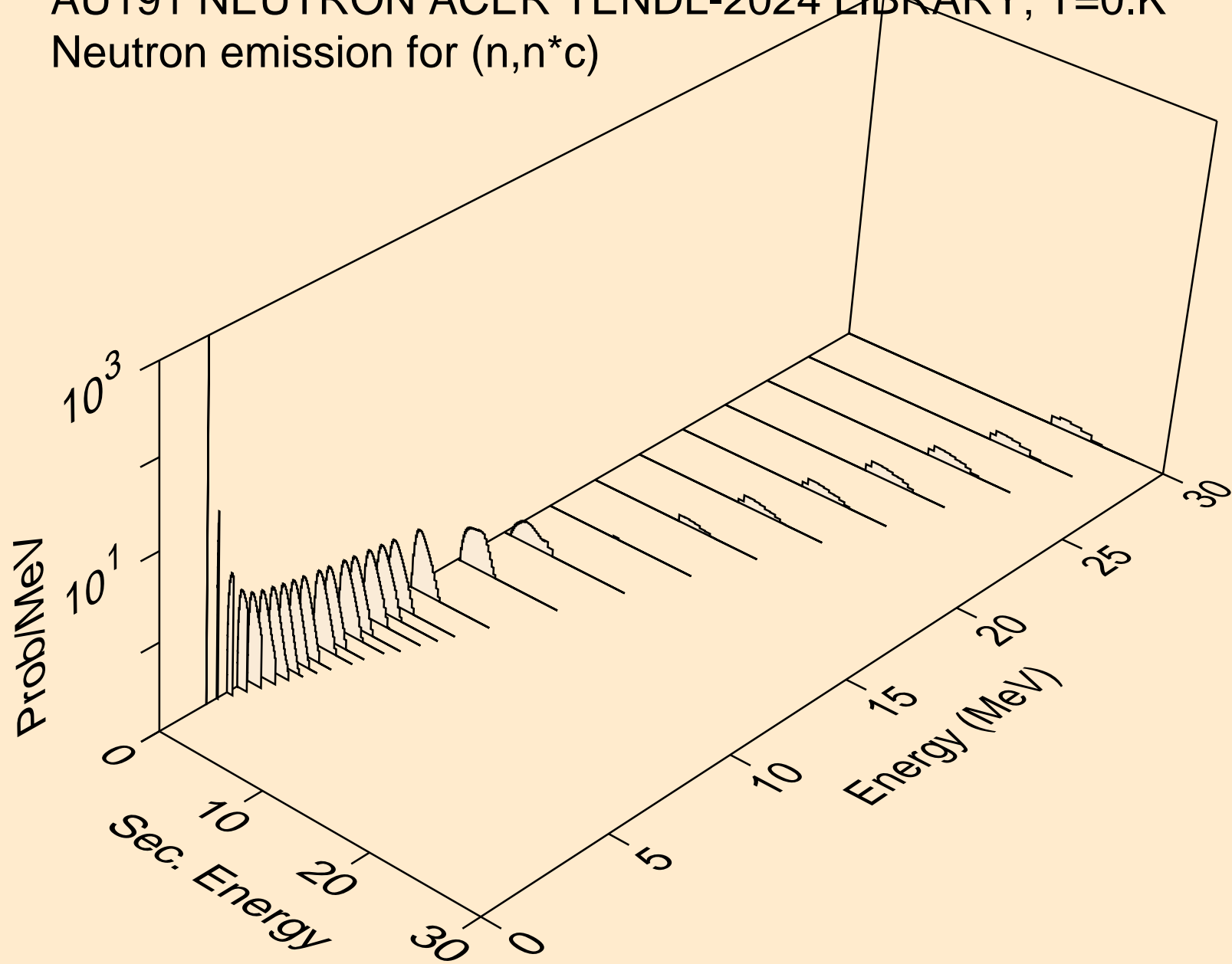


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

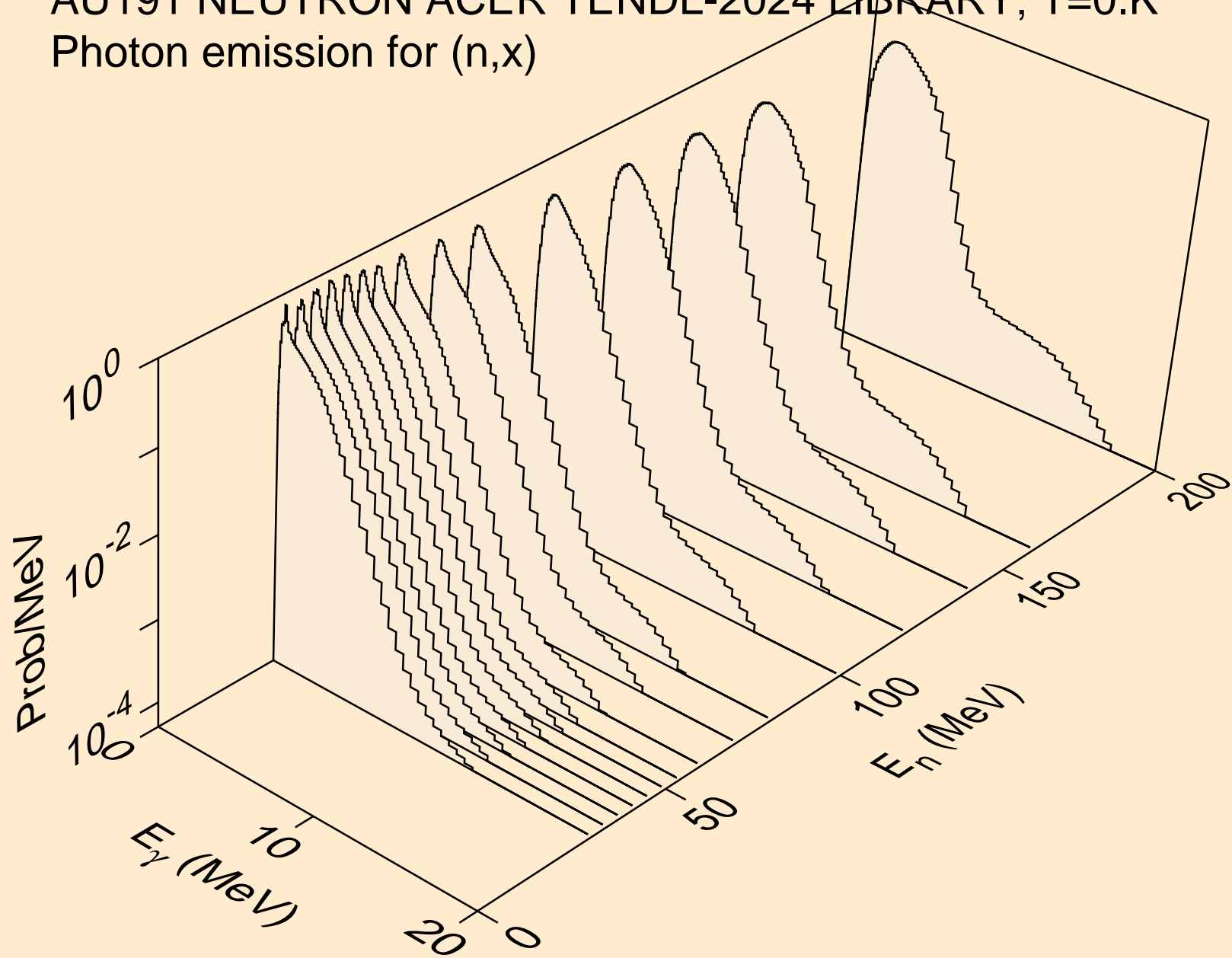




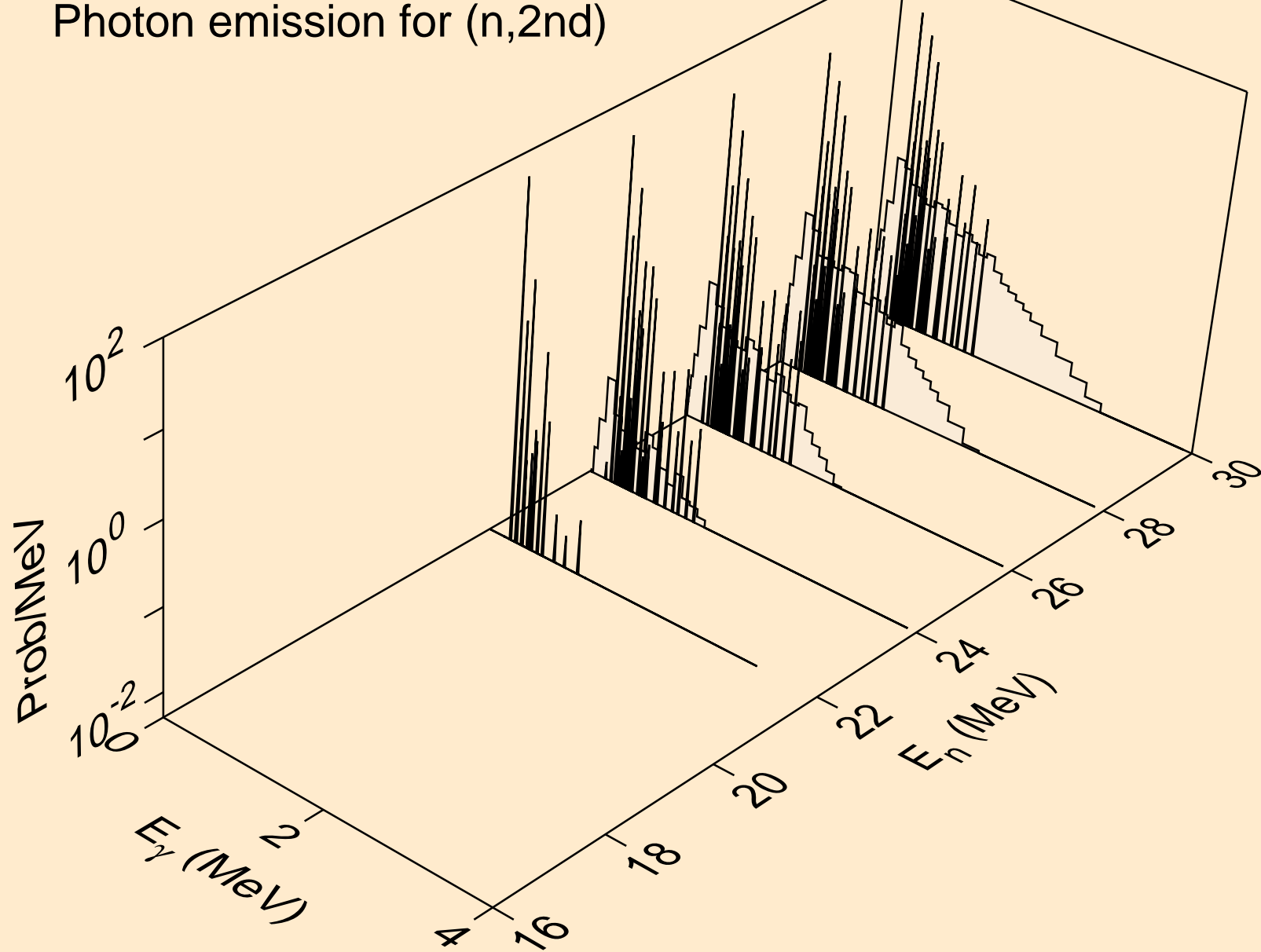
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



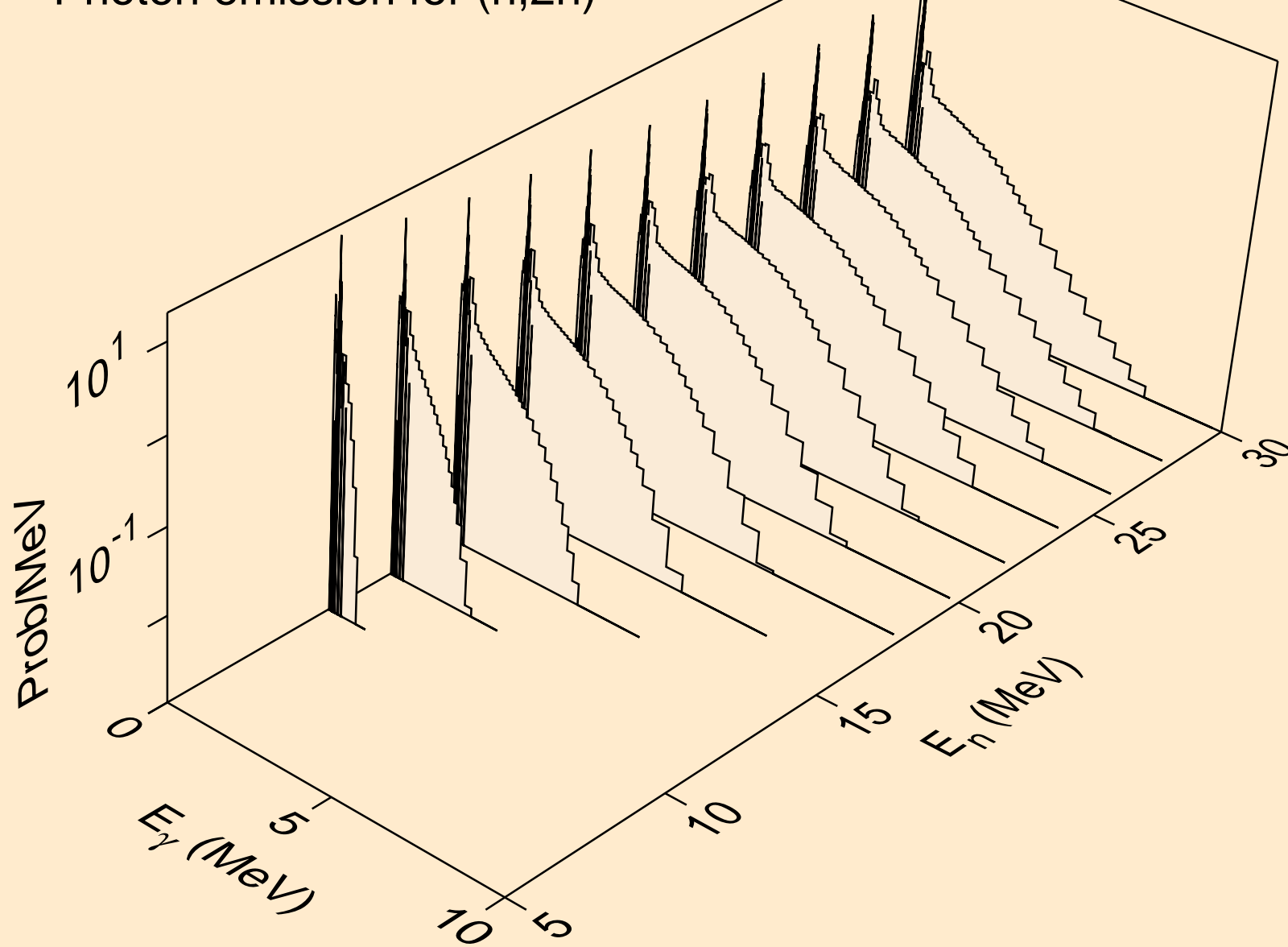
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



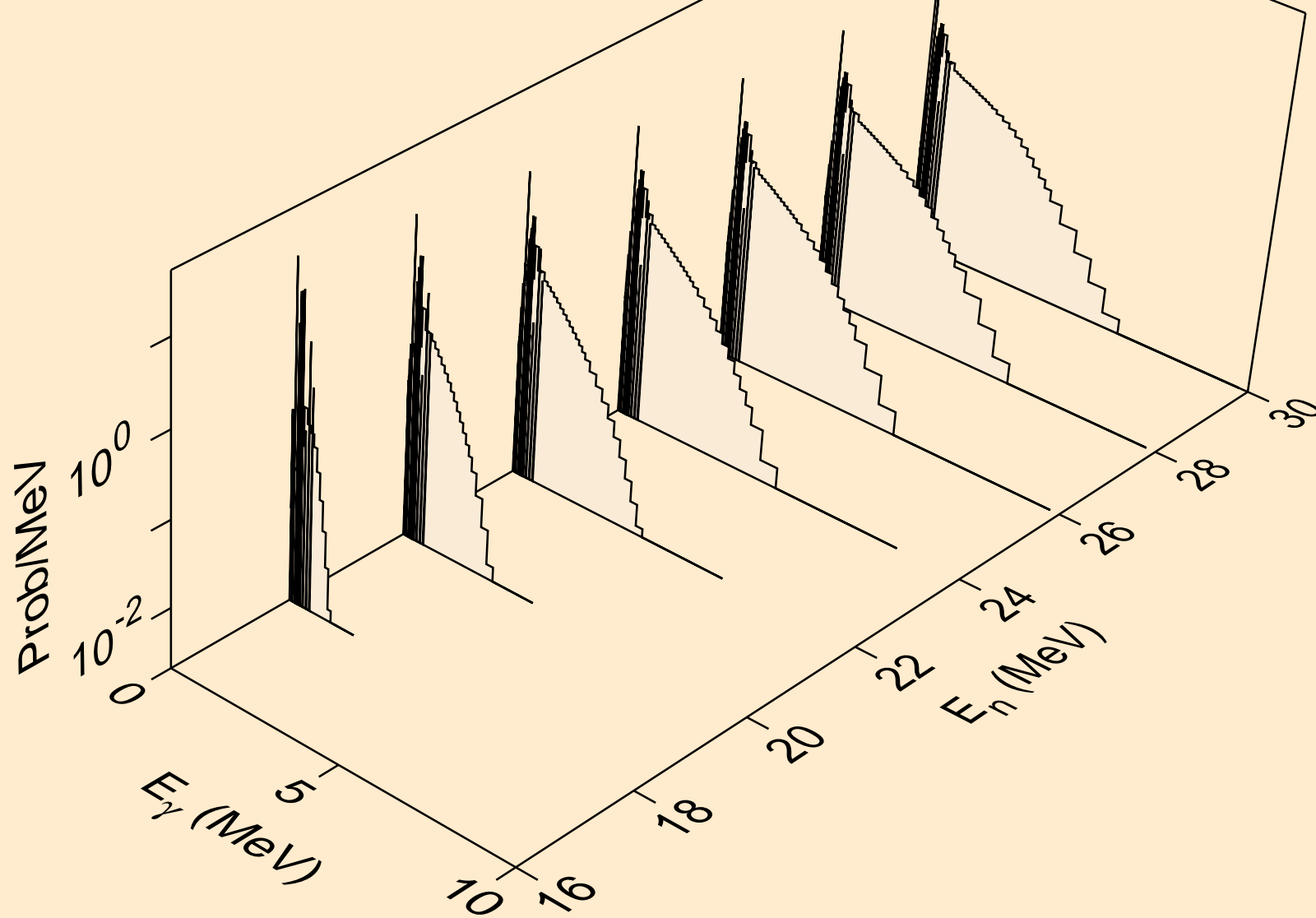
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



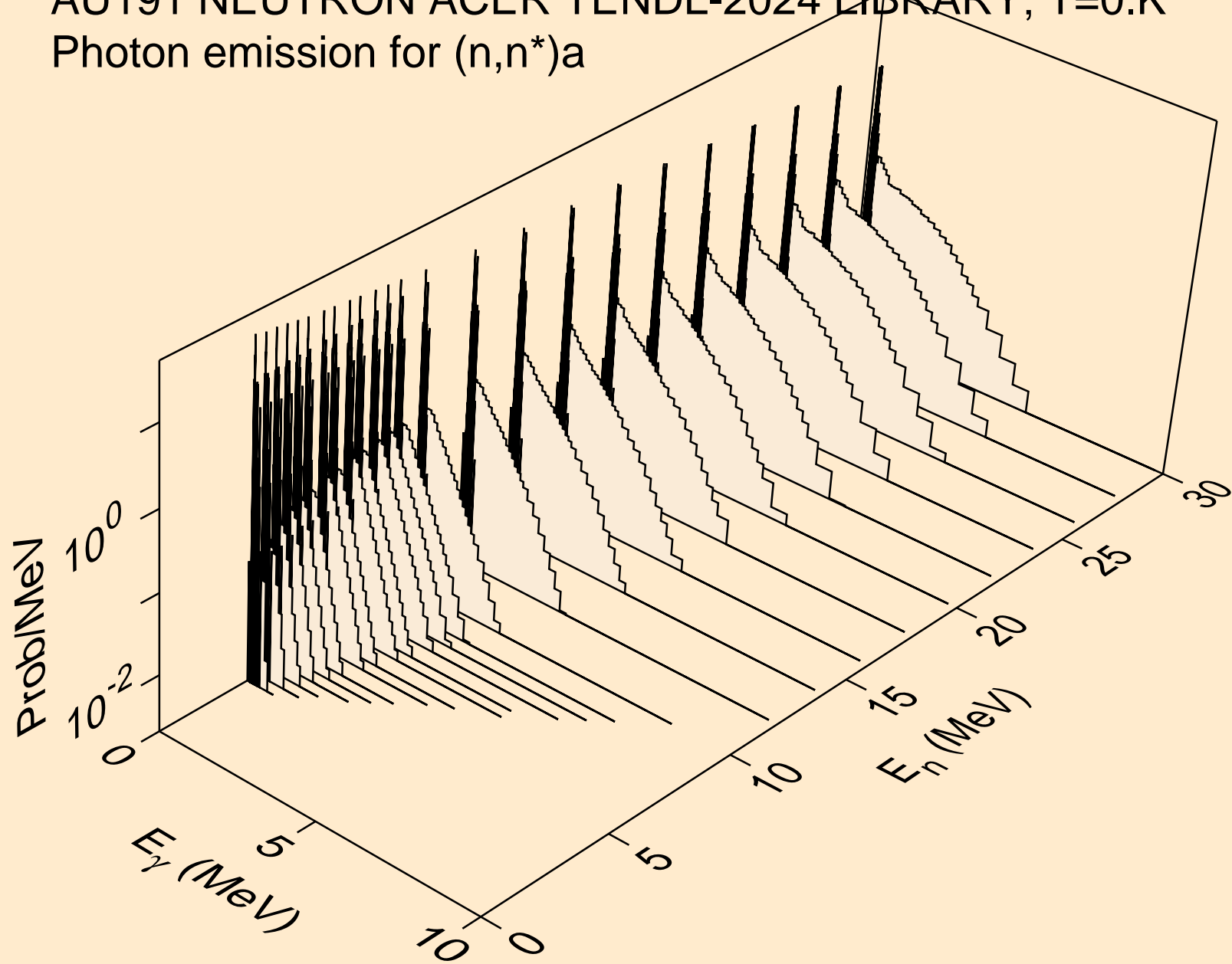
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



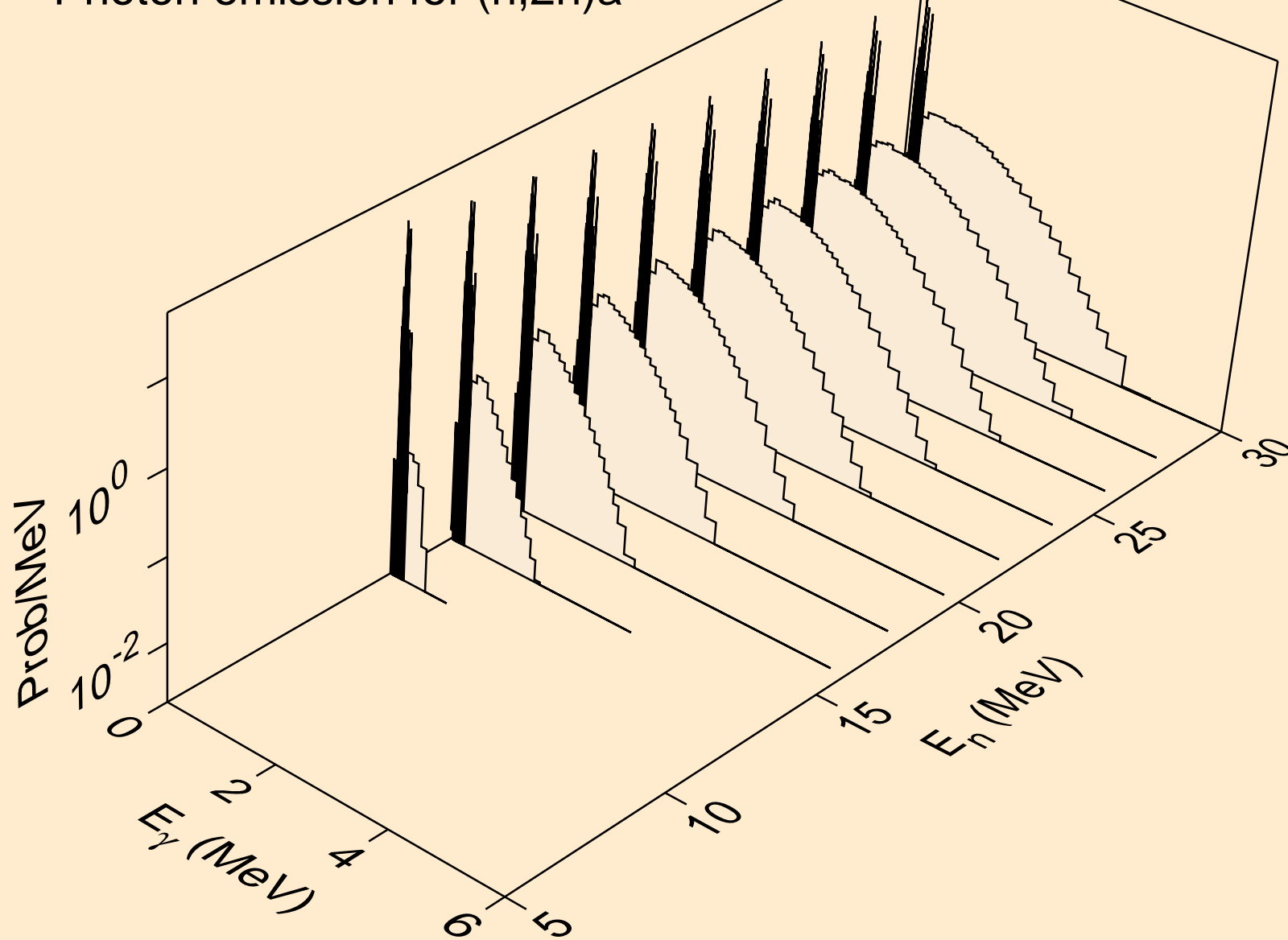
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Photon emission for (n,3n)



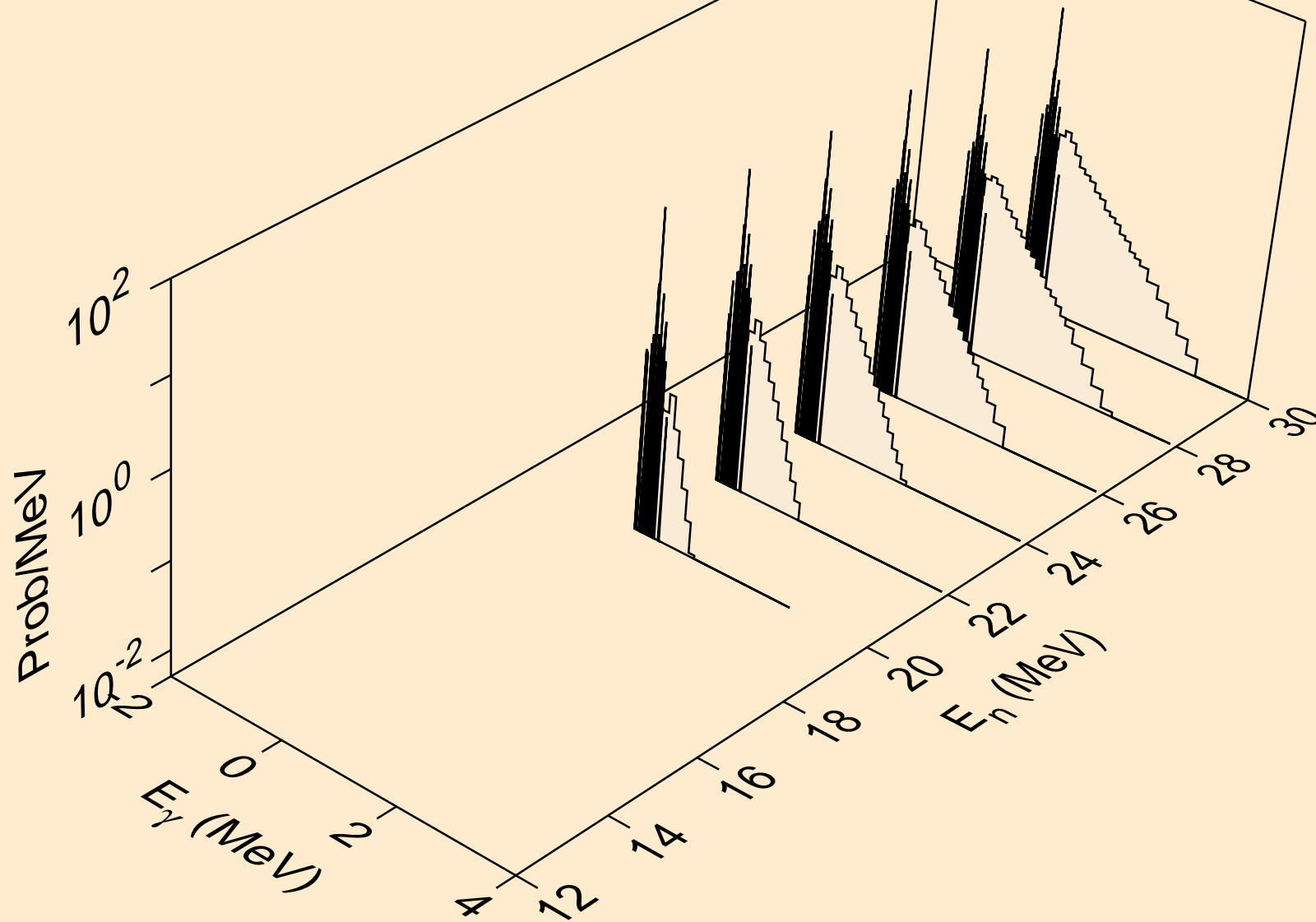
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

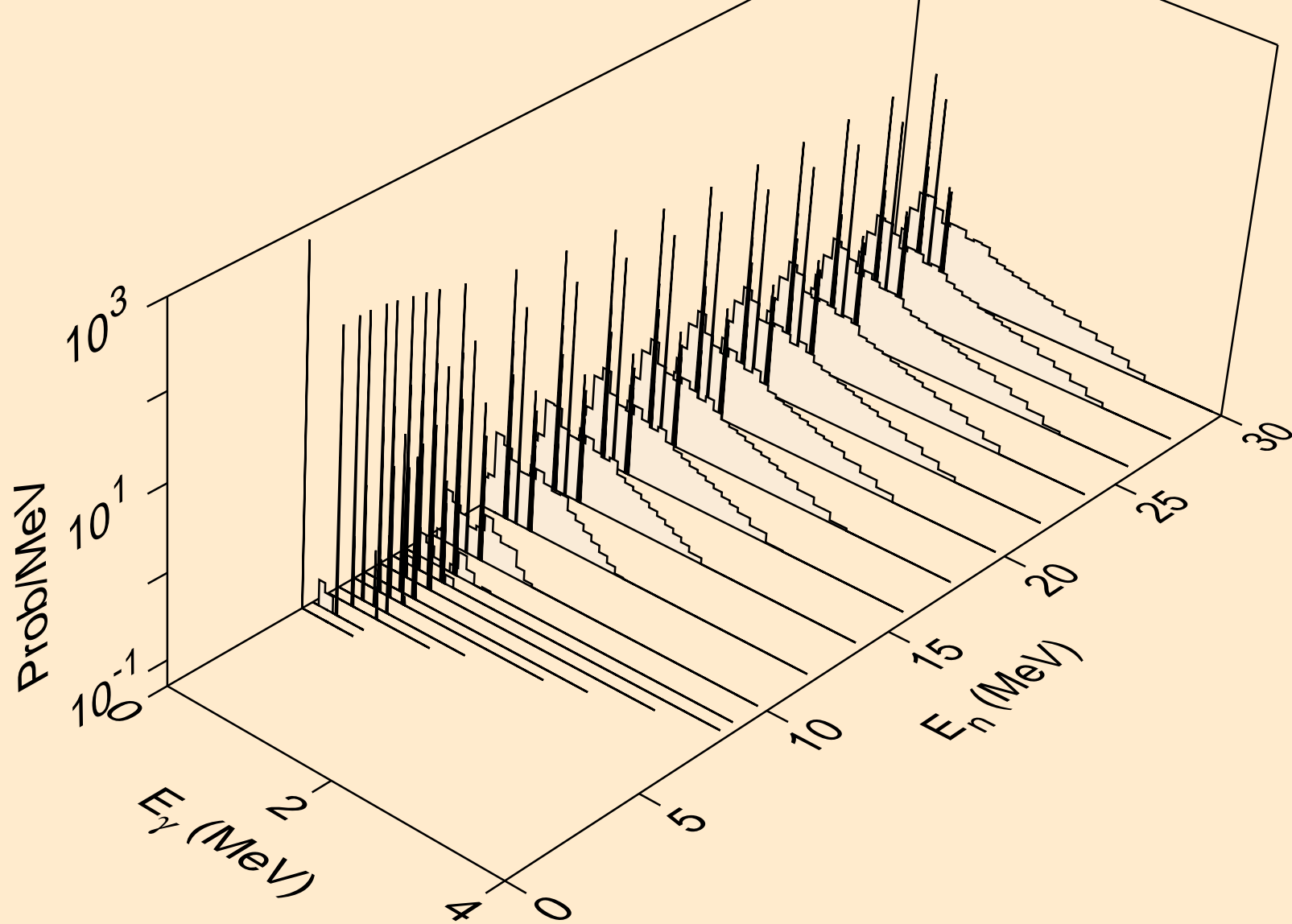


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

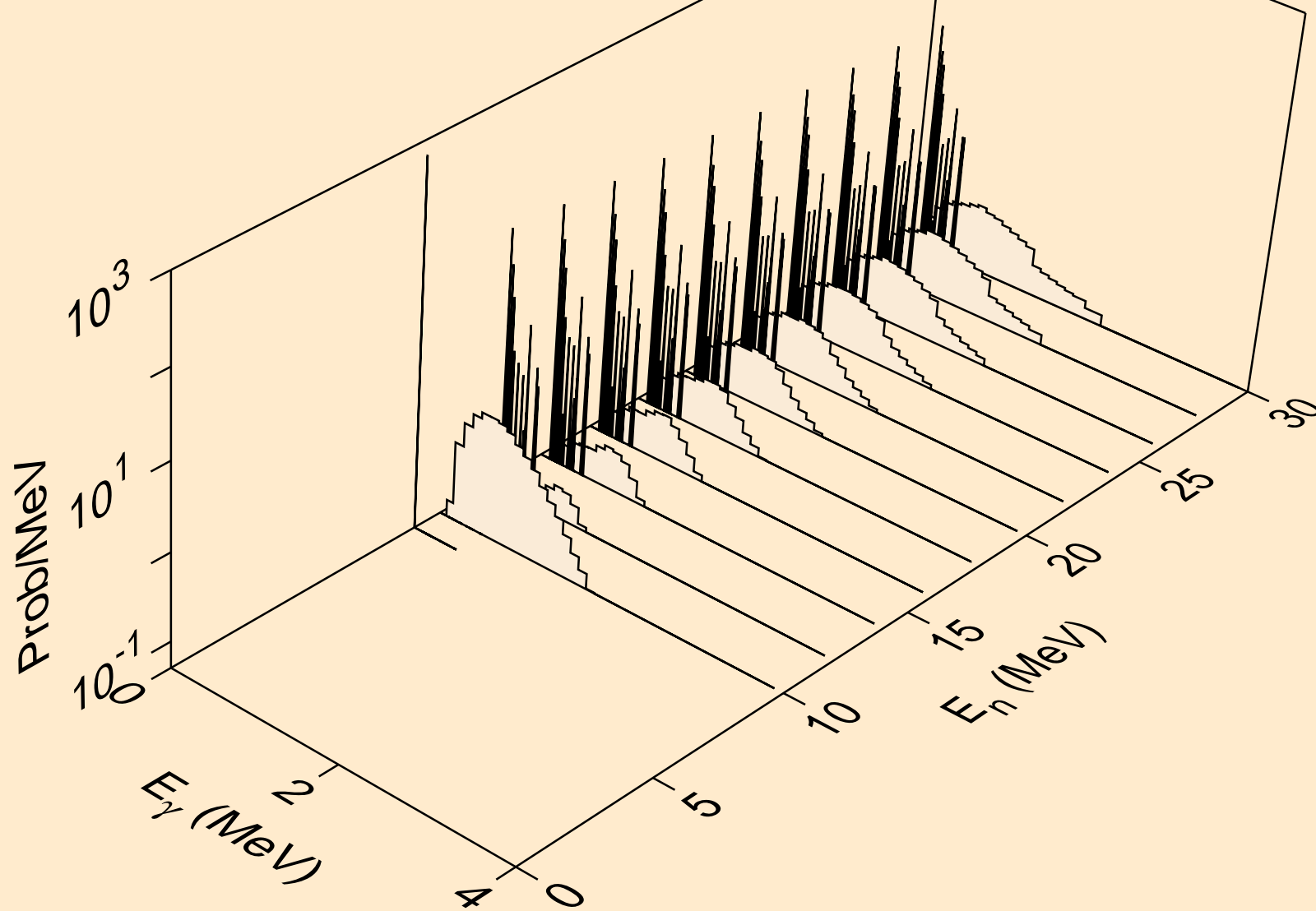




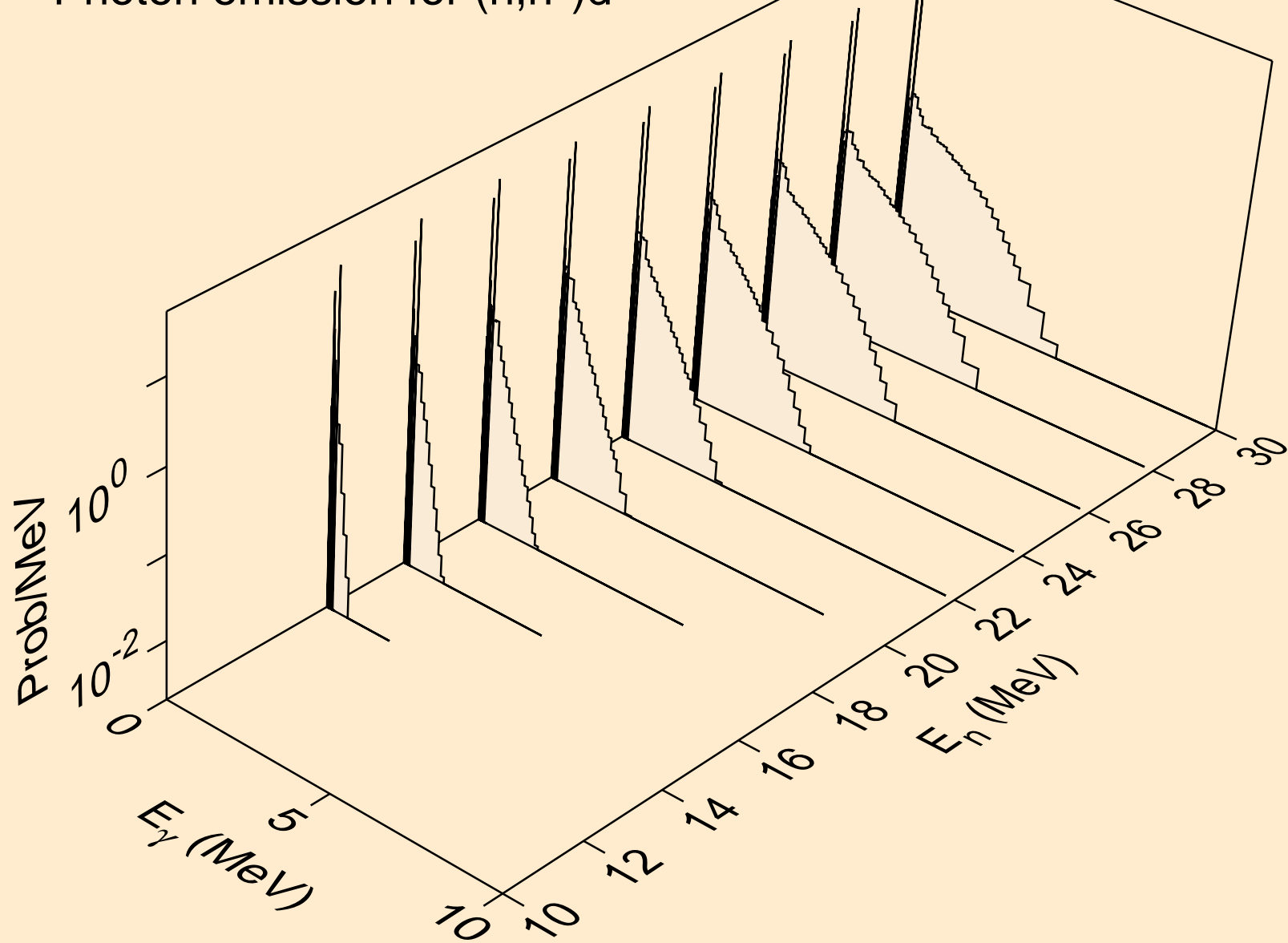
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



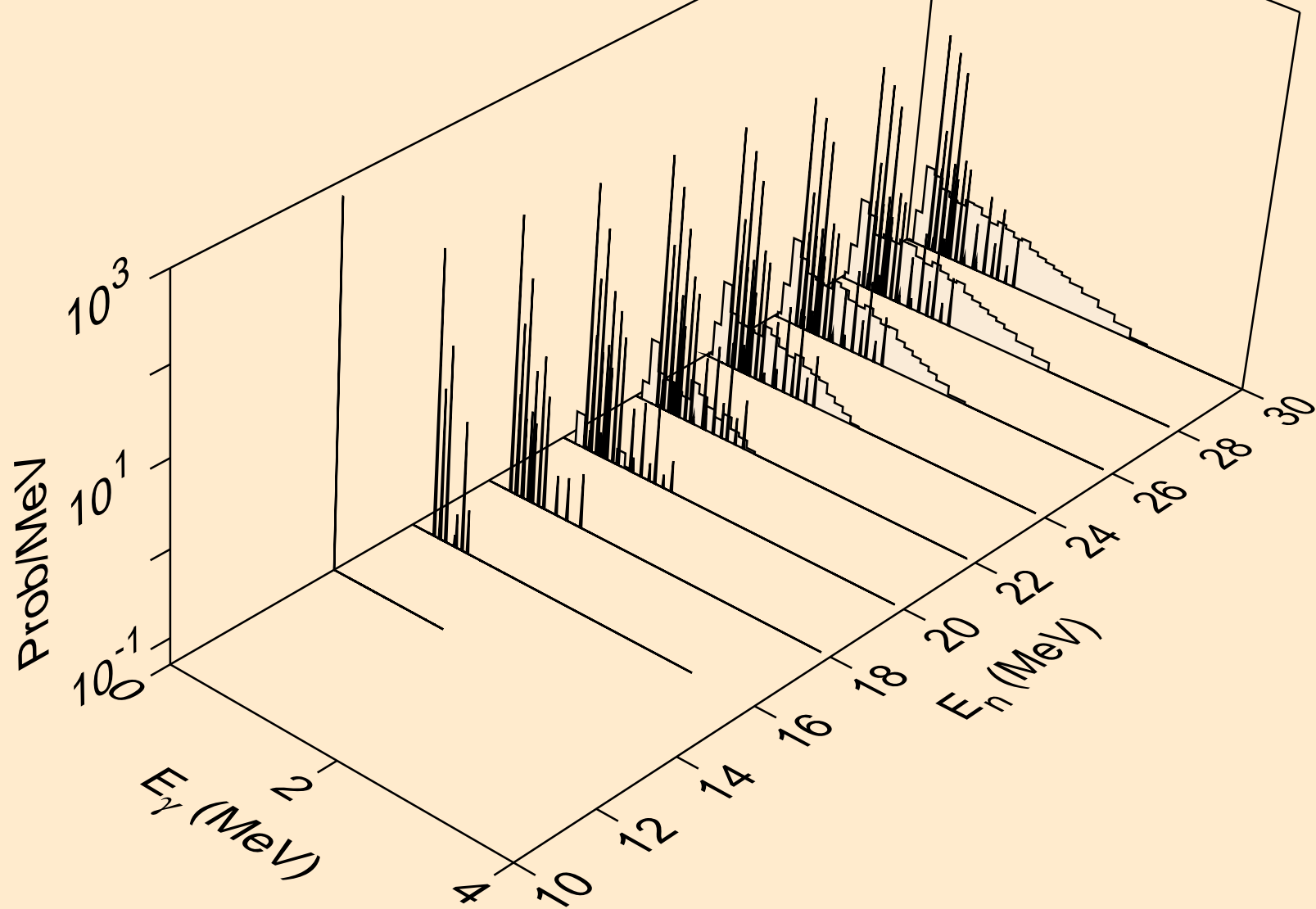
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



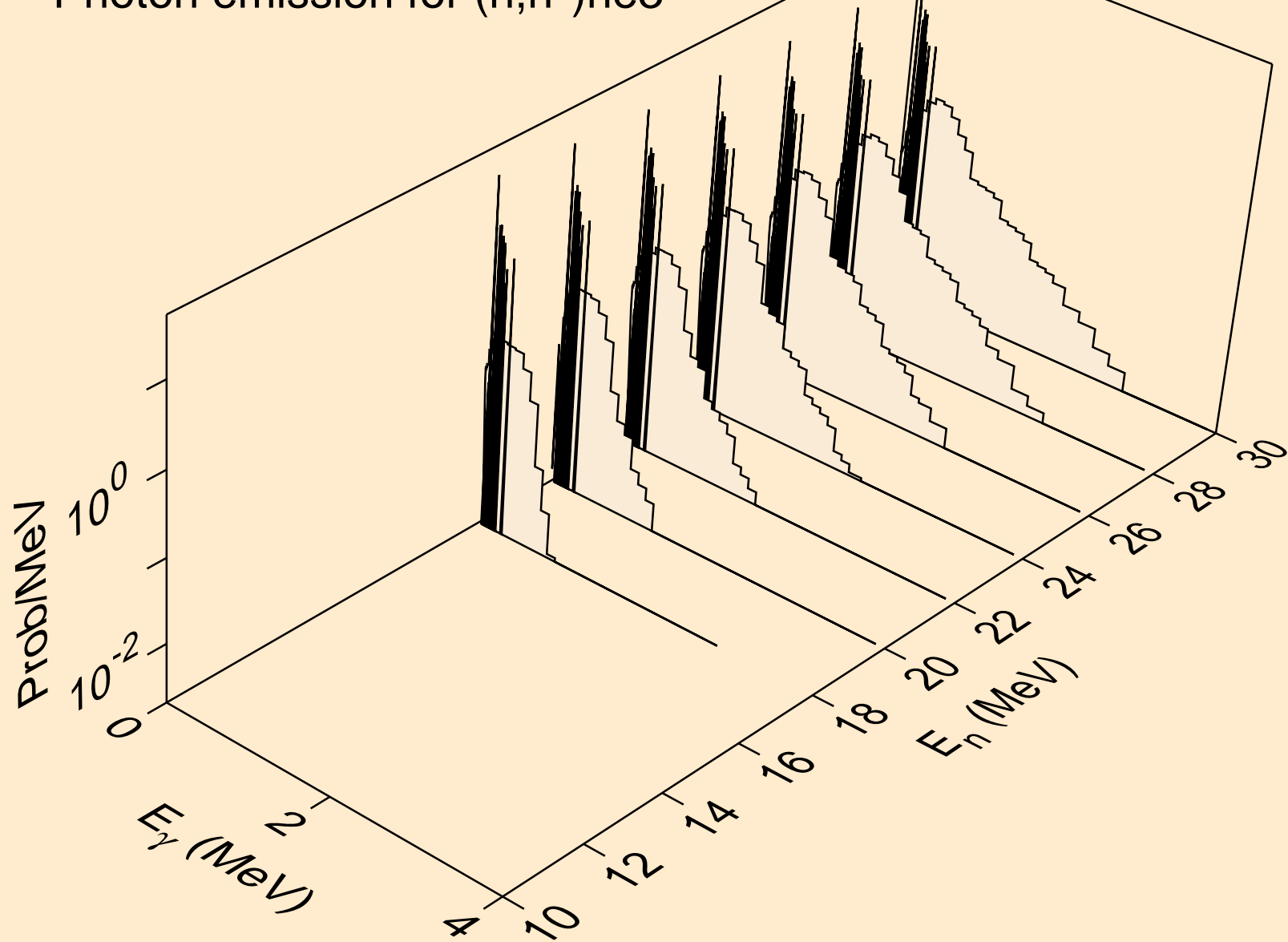
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Photon emission for (n,n\*)d



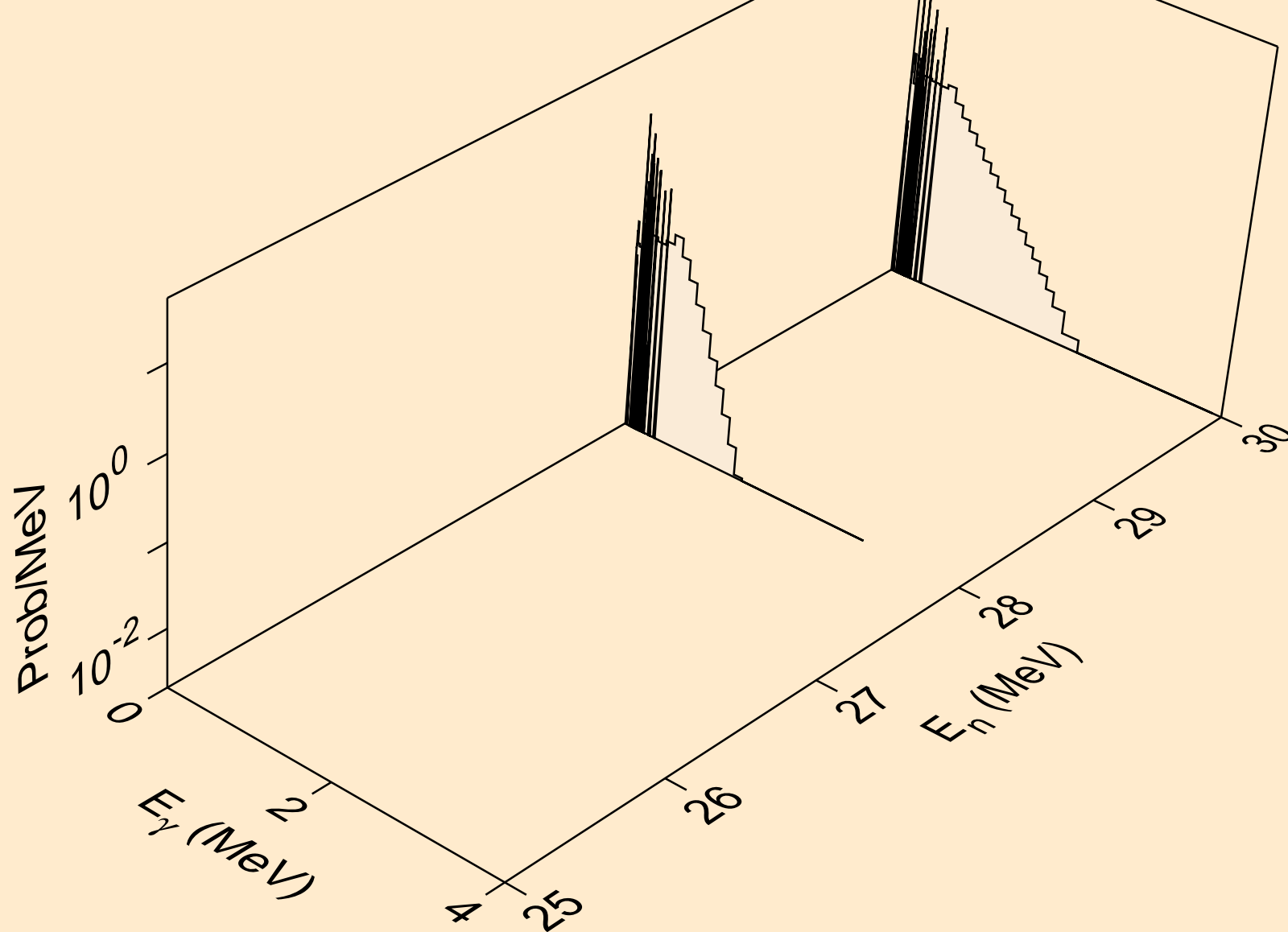
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Photon emission for (n,n\*)t



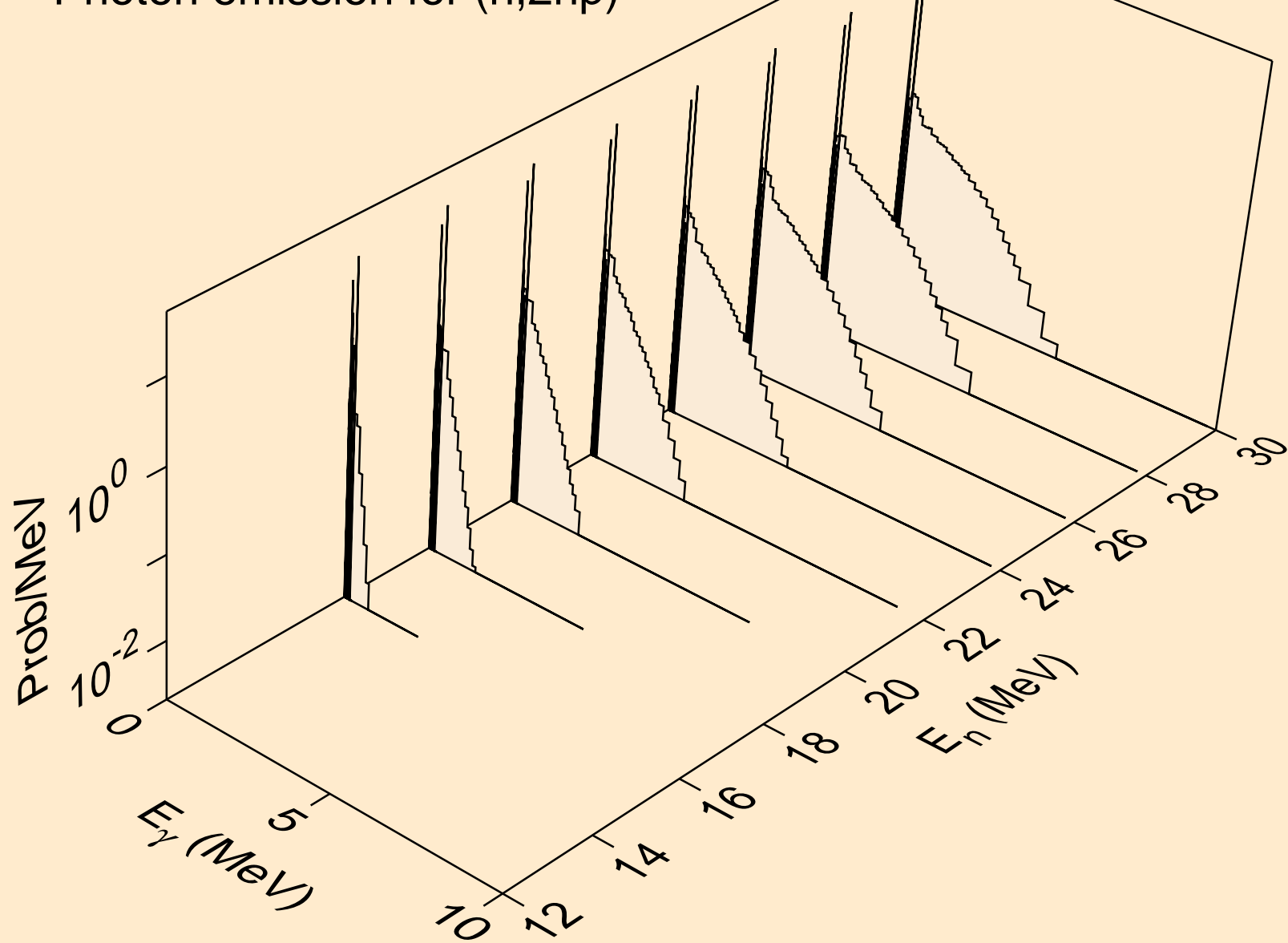
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



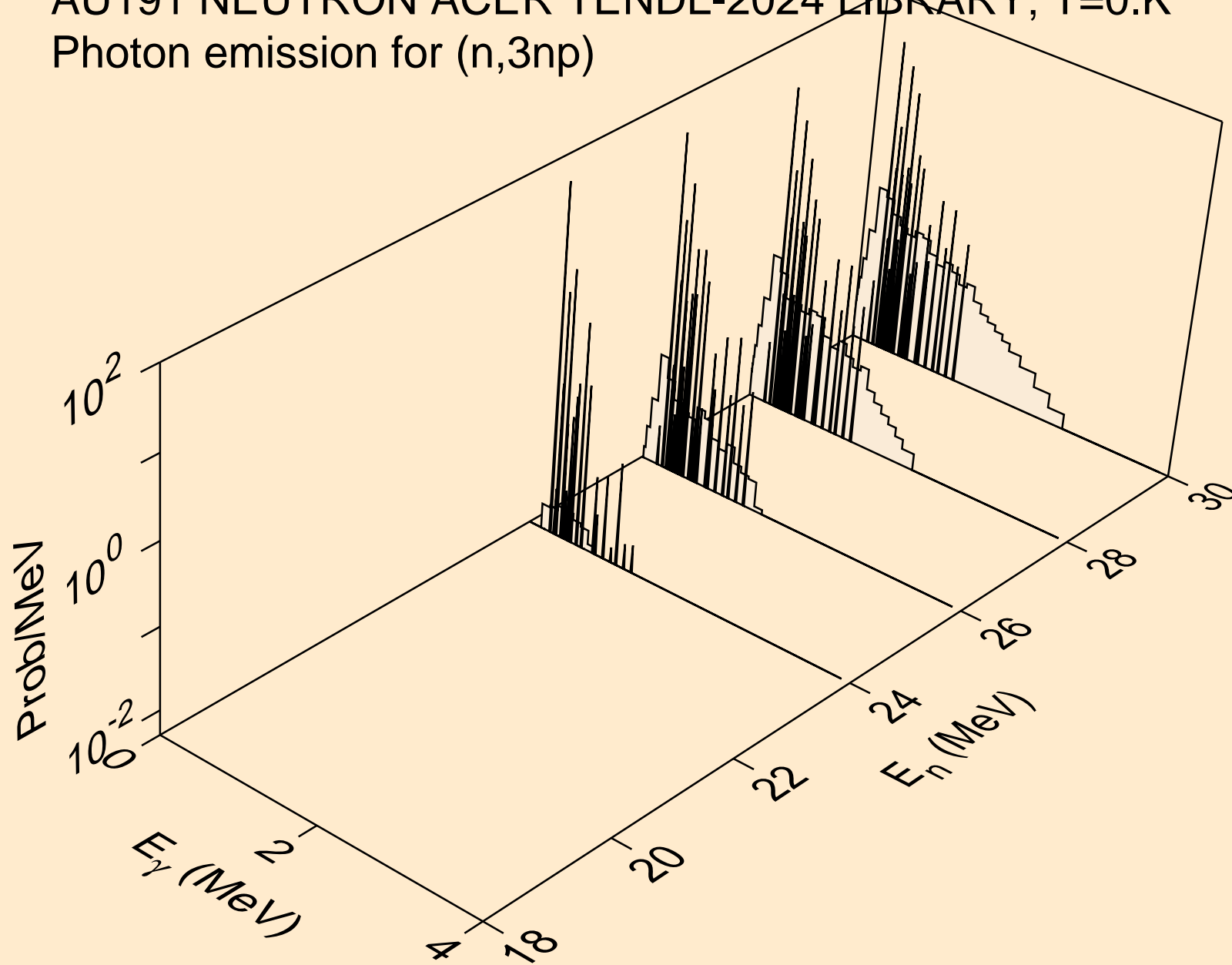
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

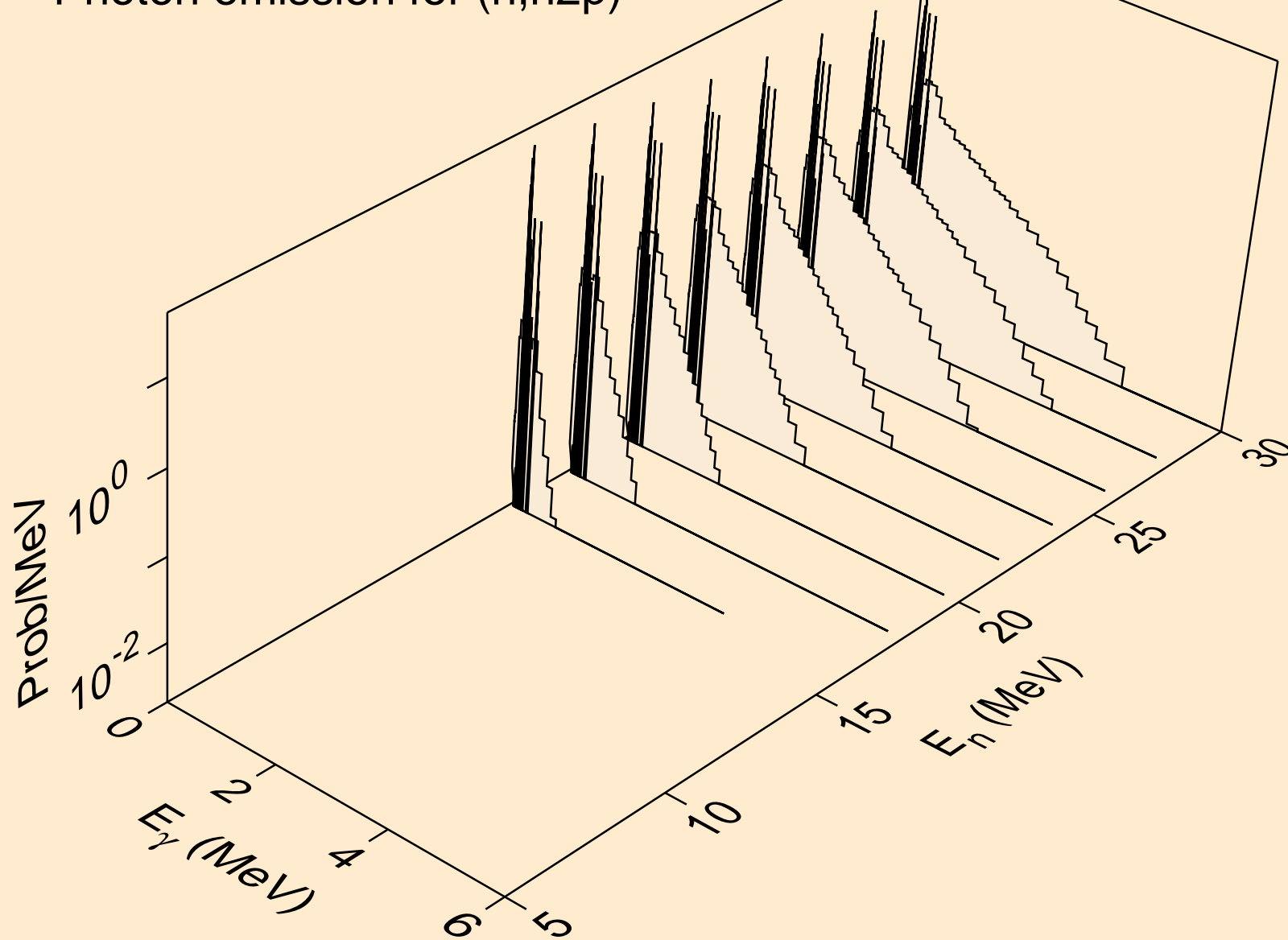


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

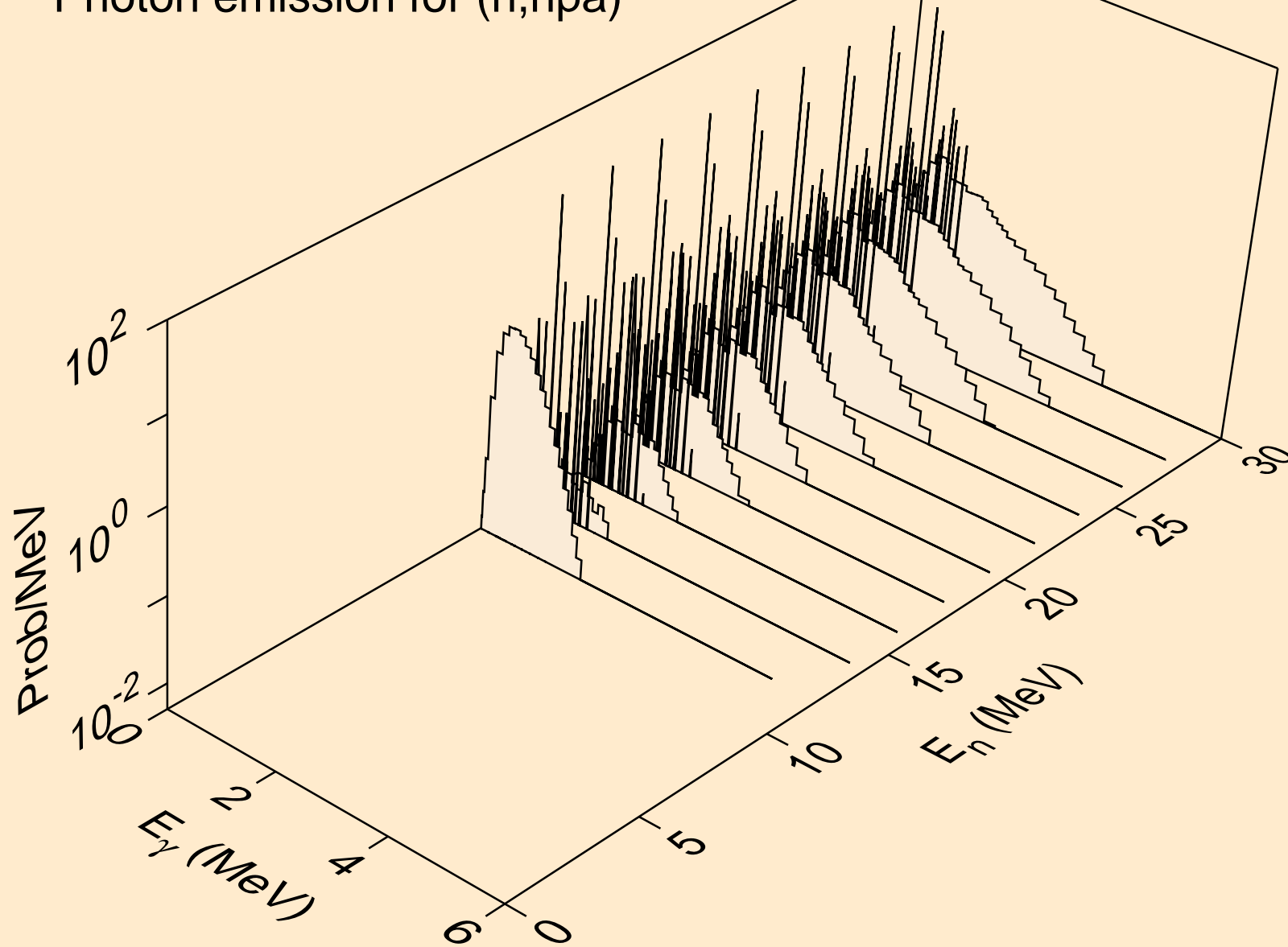




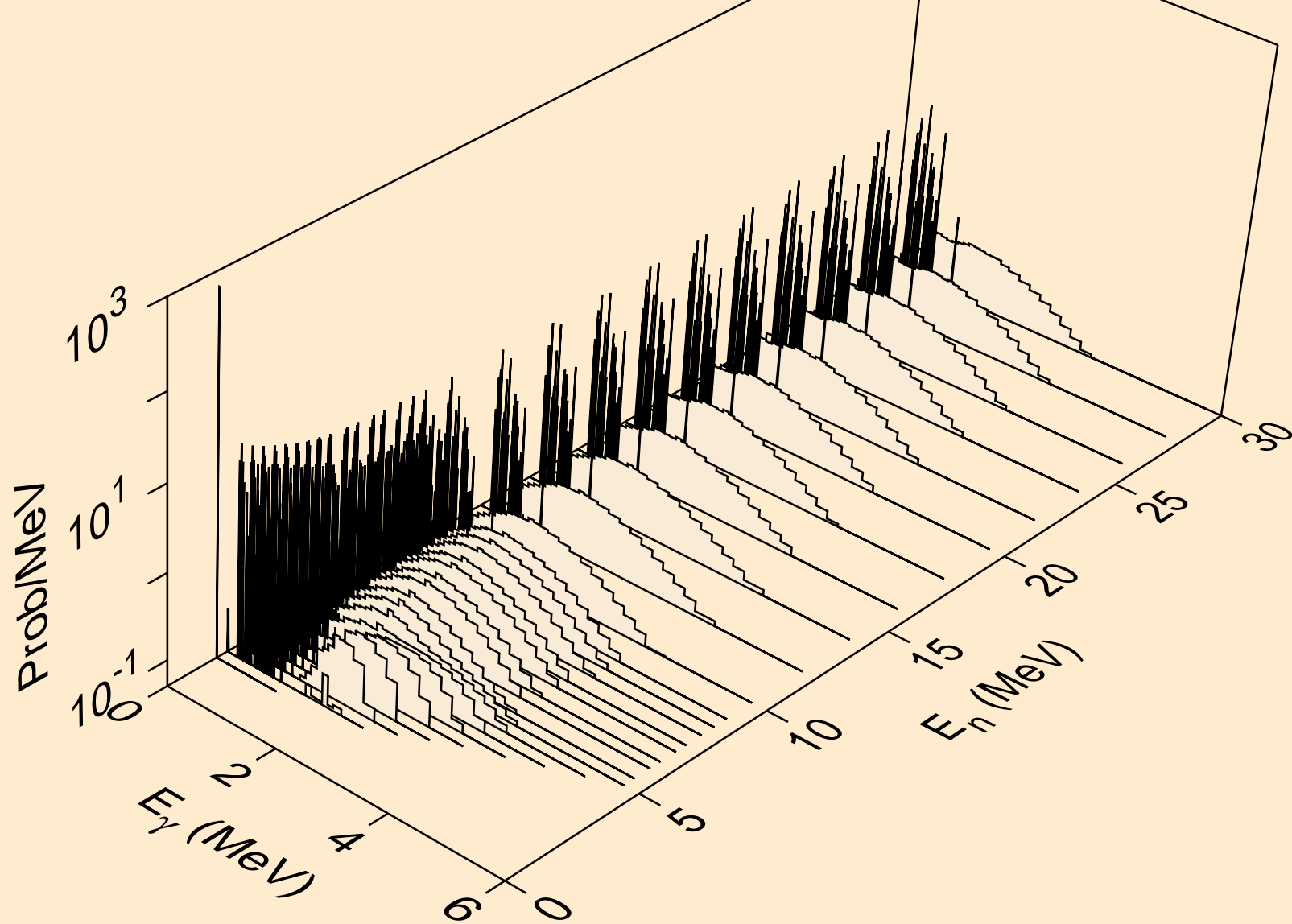
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



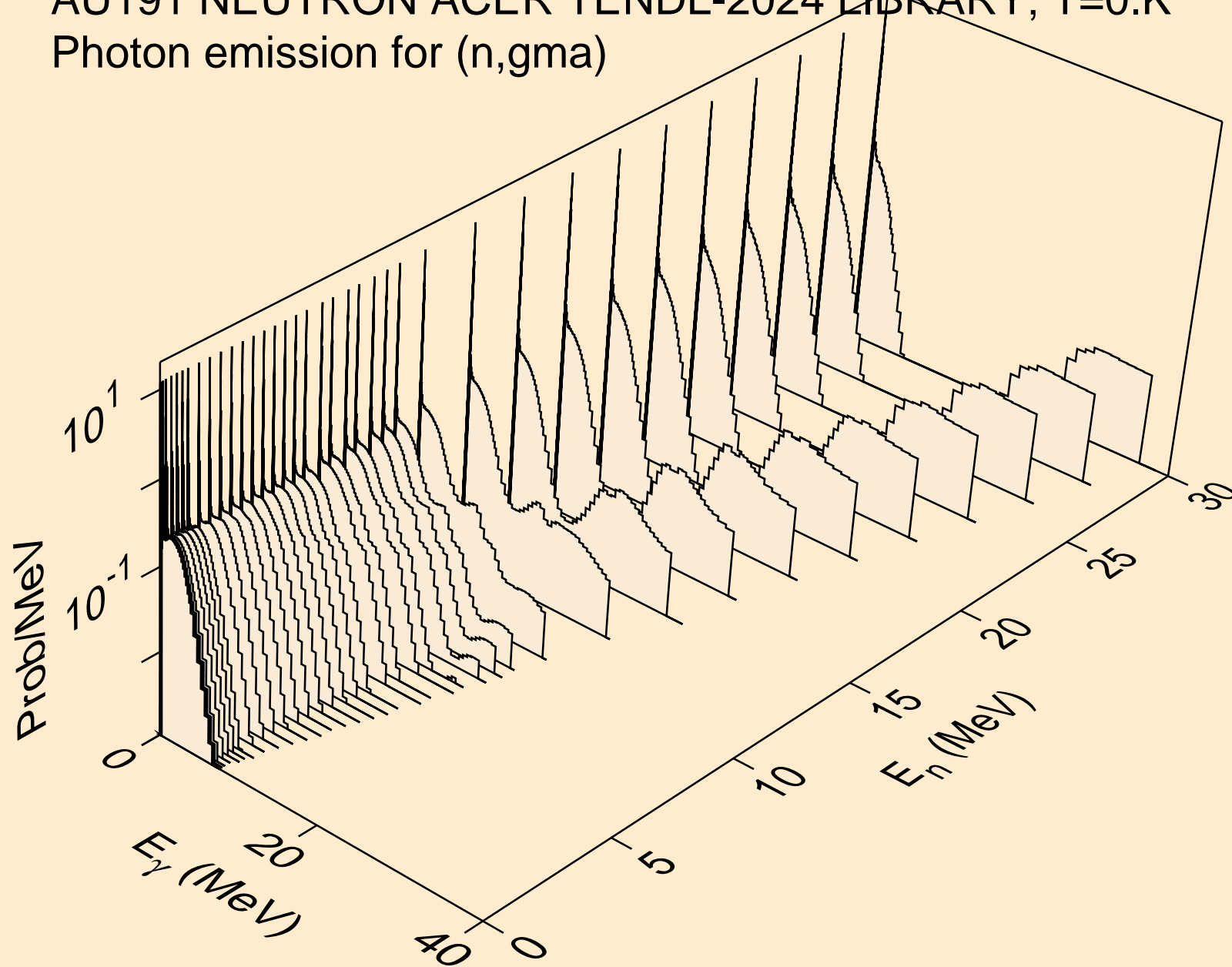
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



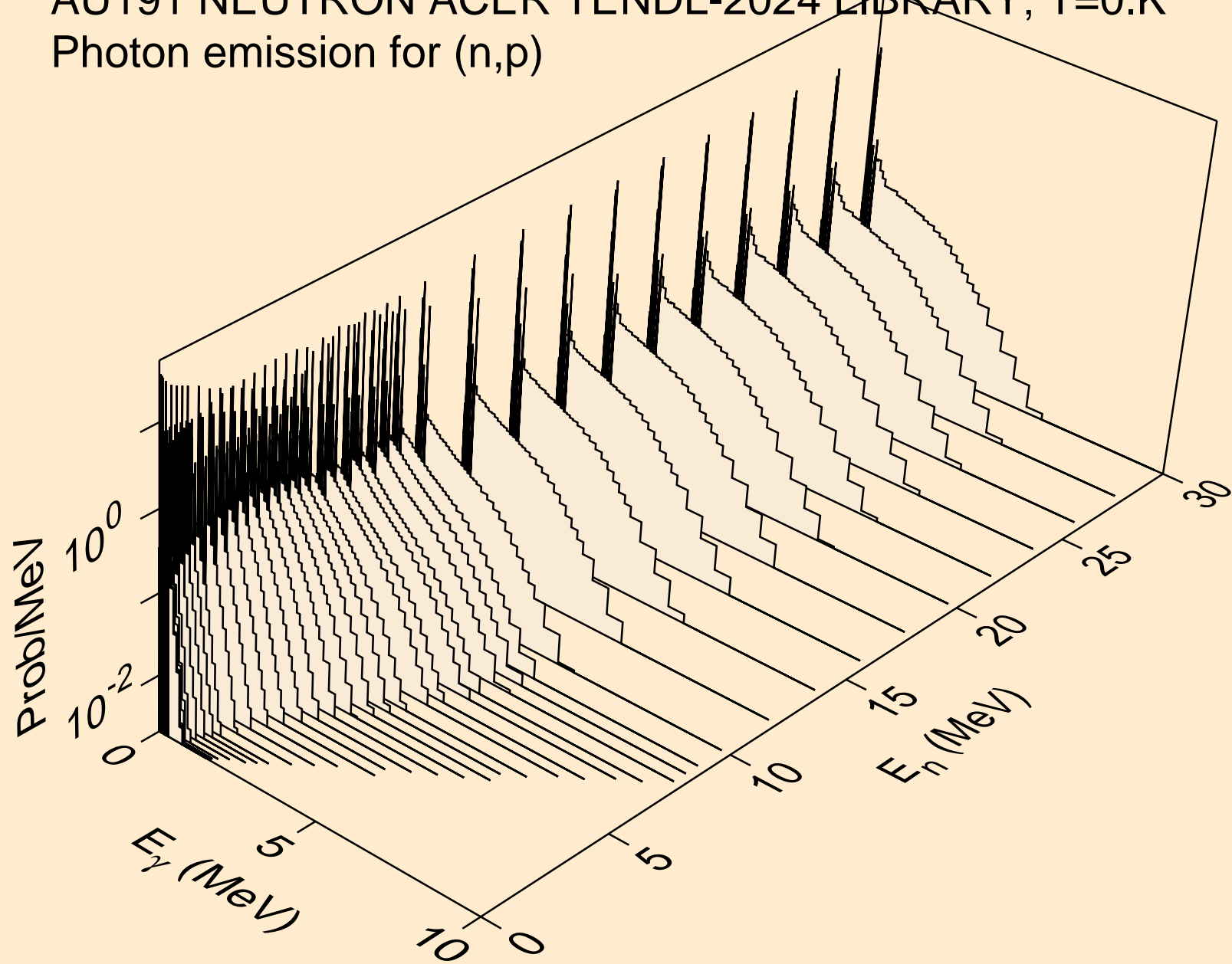
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



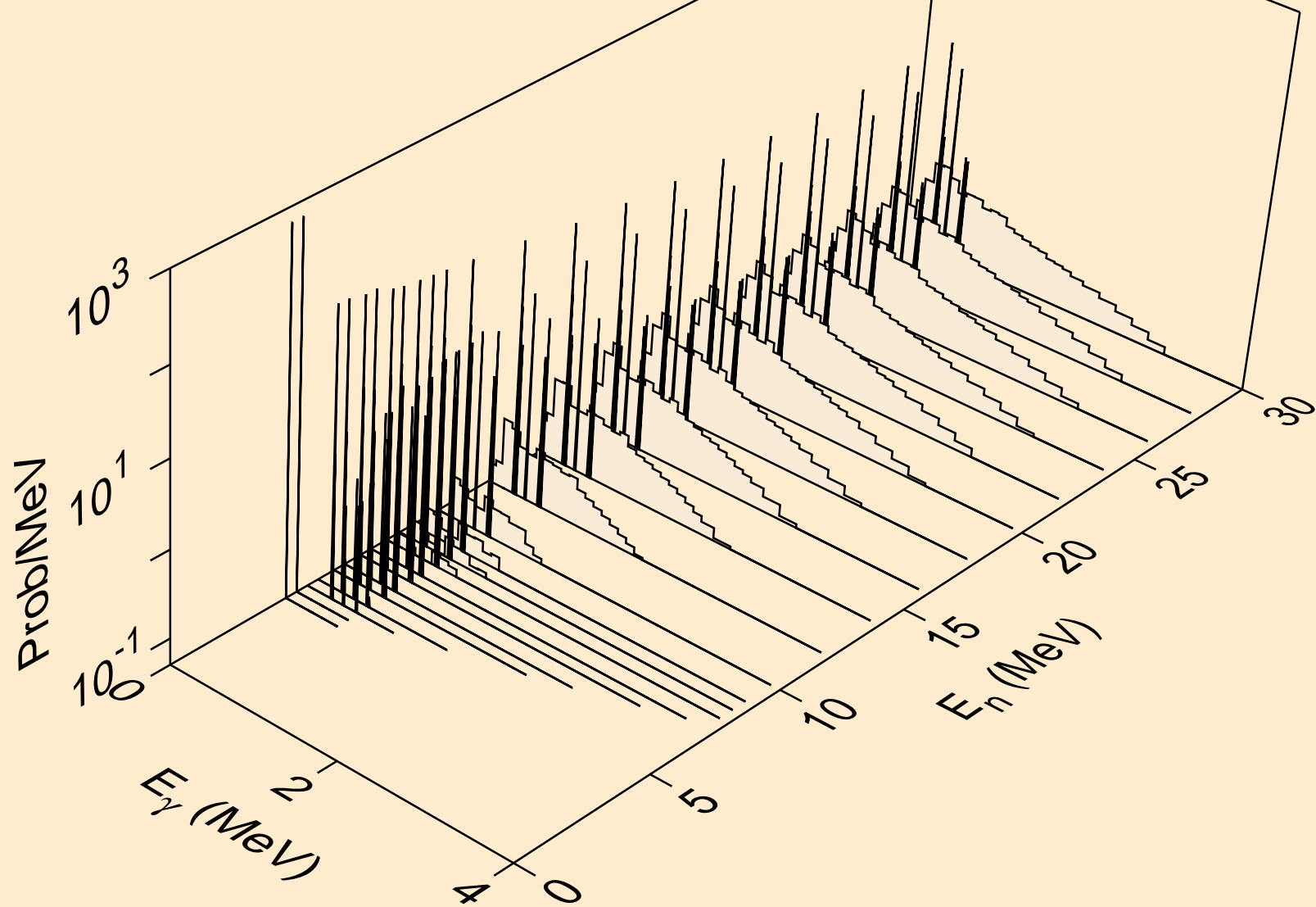
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Photon emission for (n,gma)



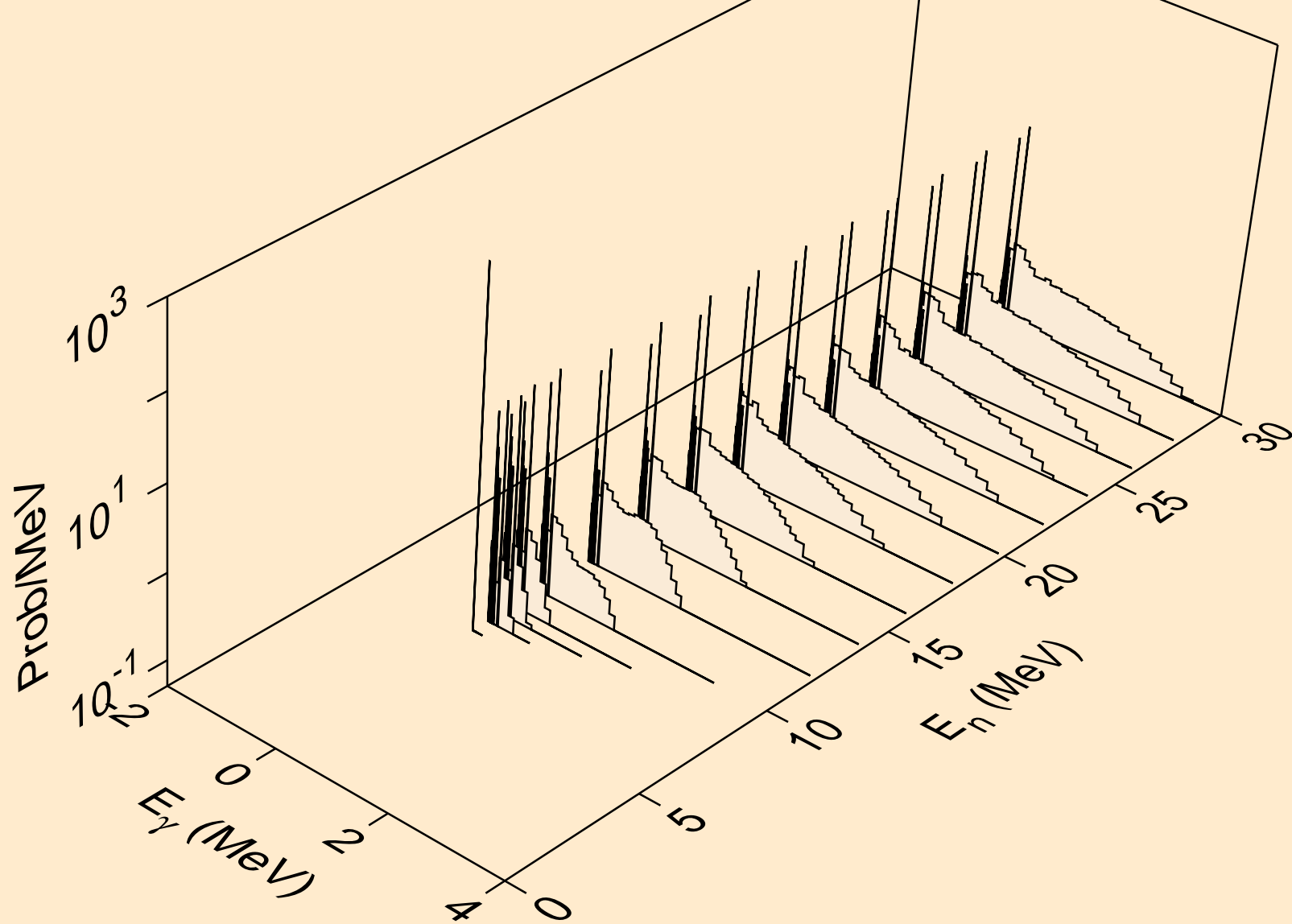
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Photon emission for (n,p)



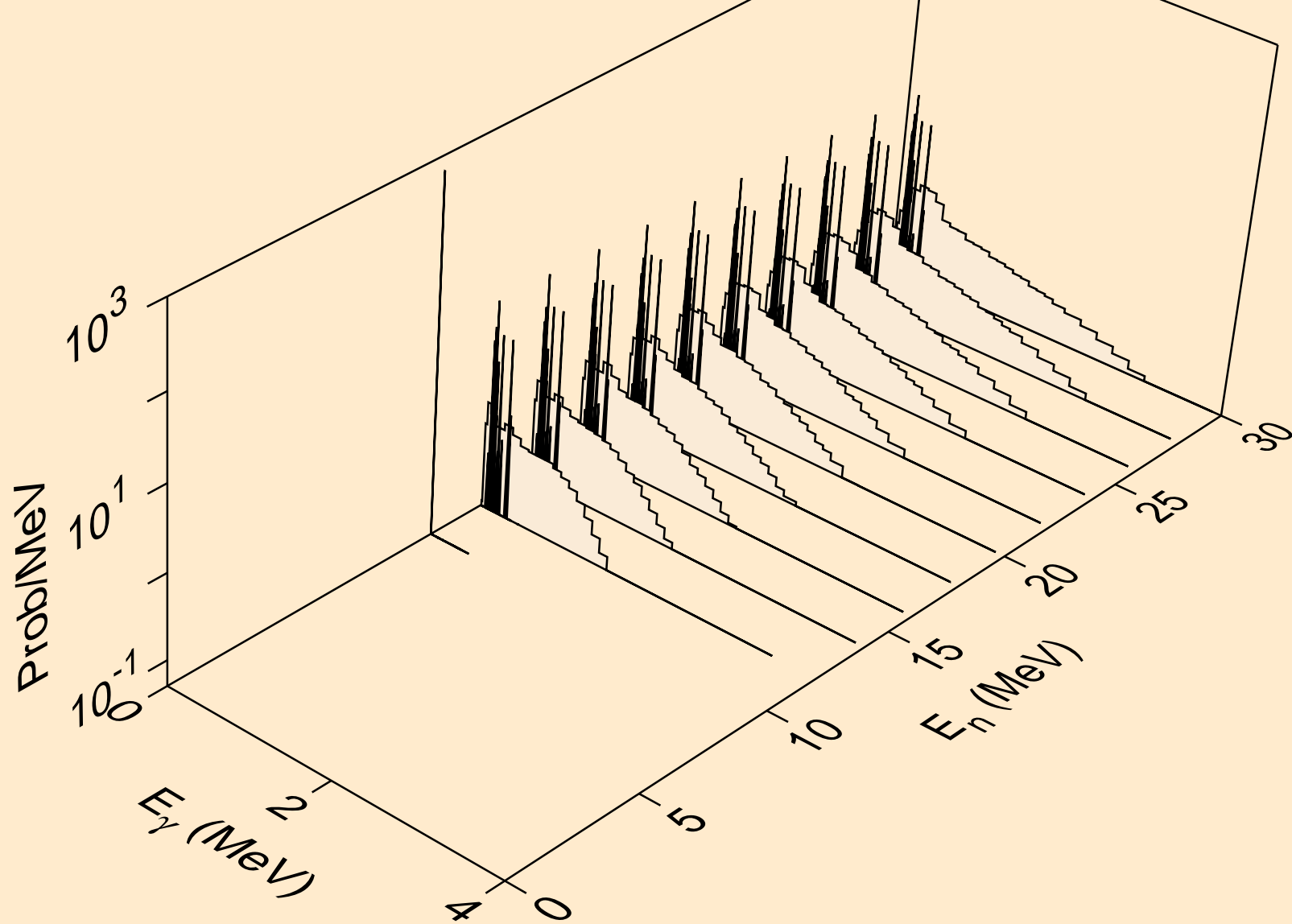
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

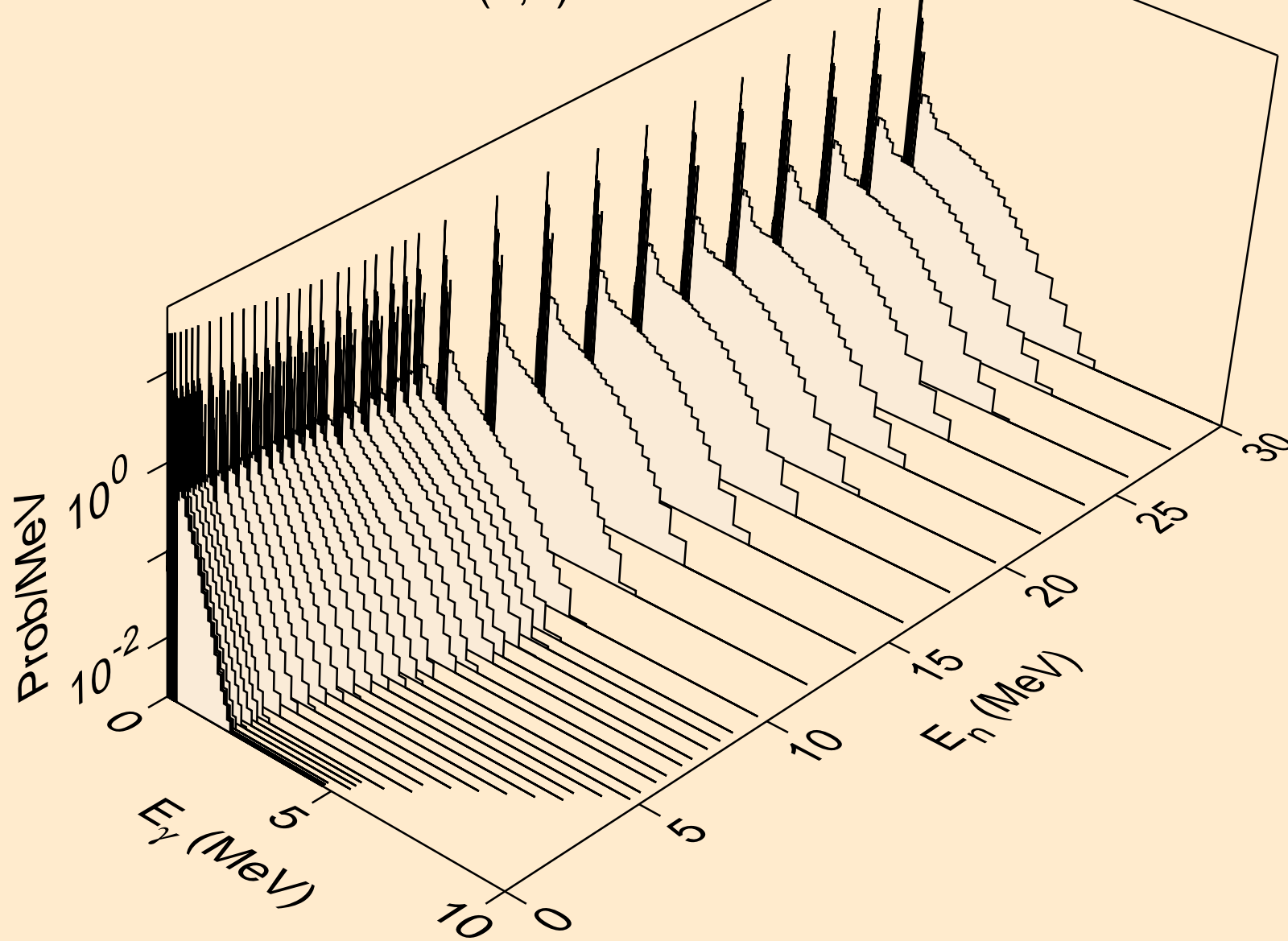


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

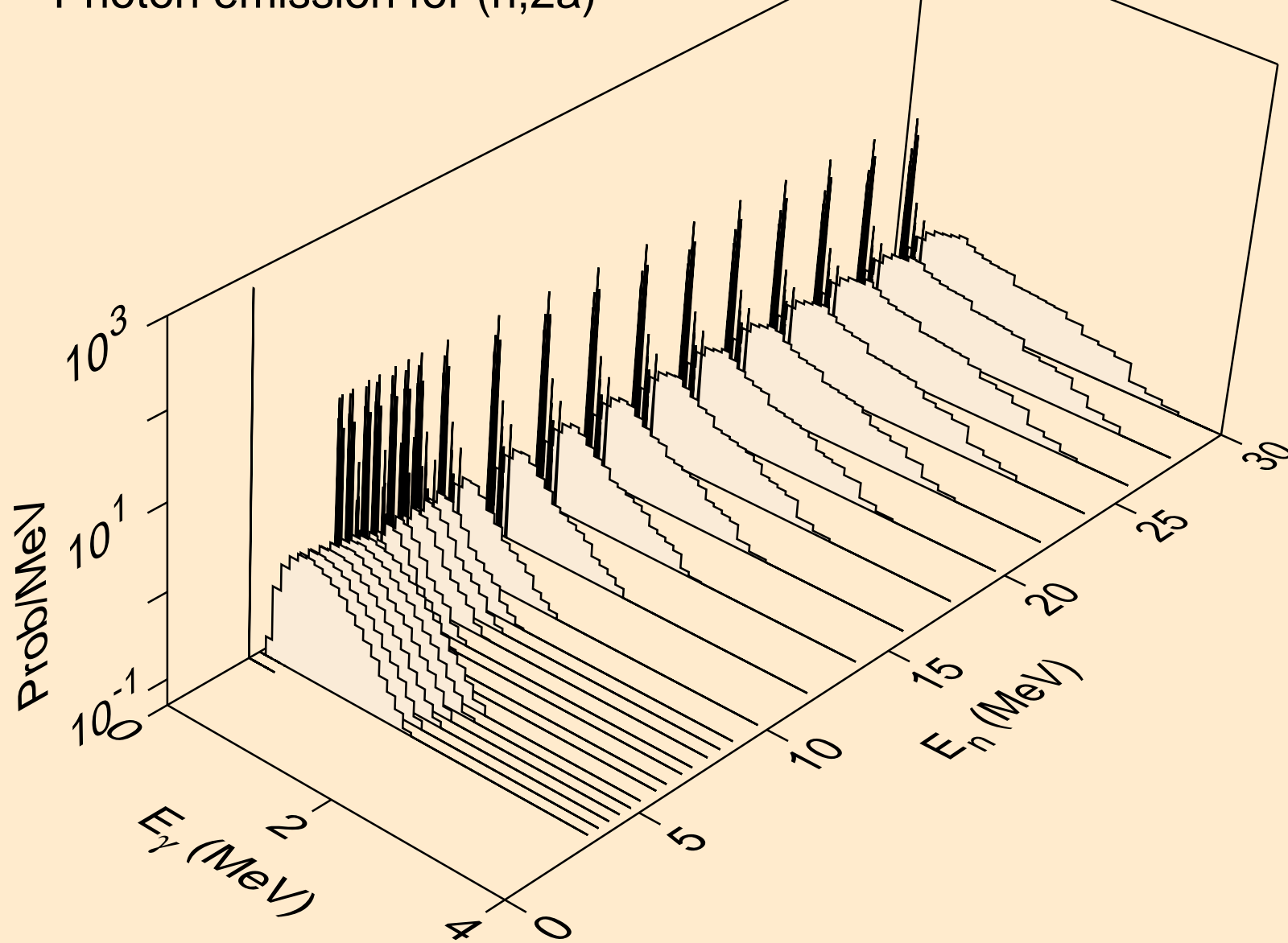




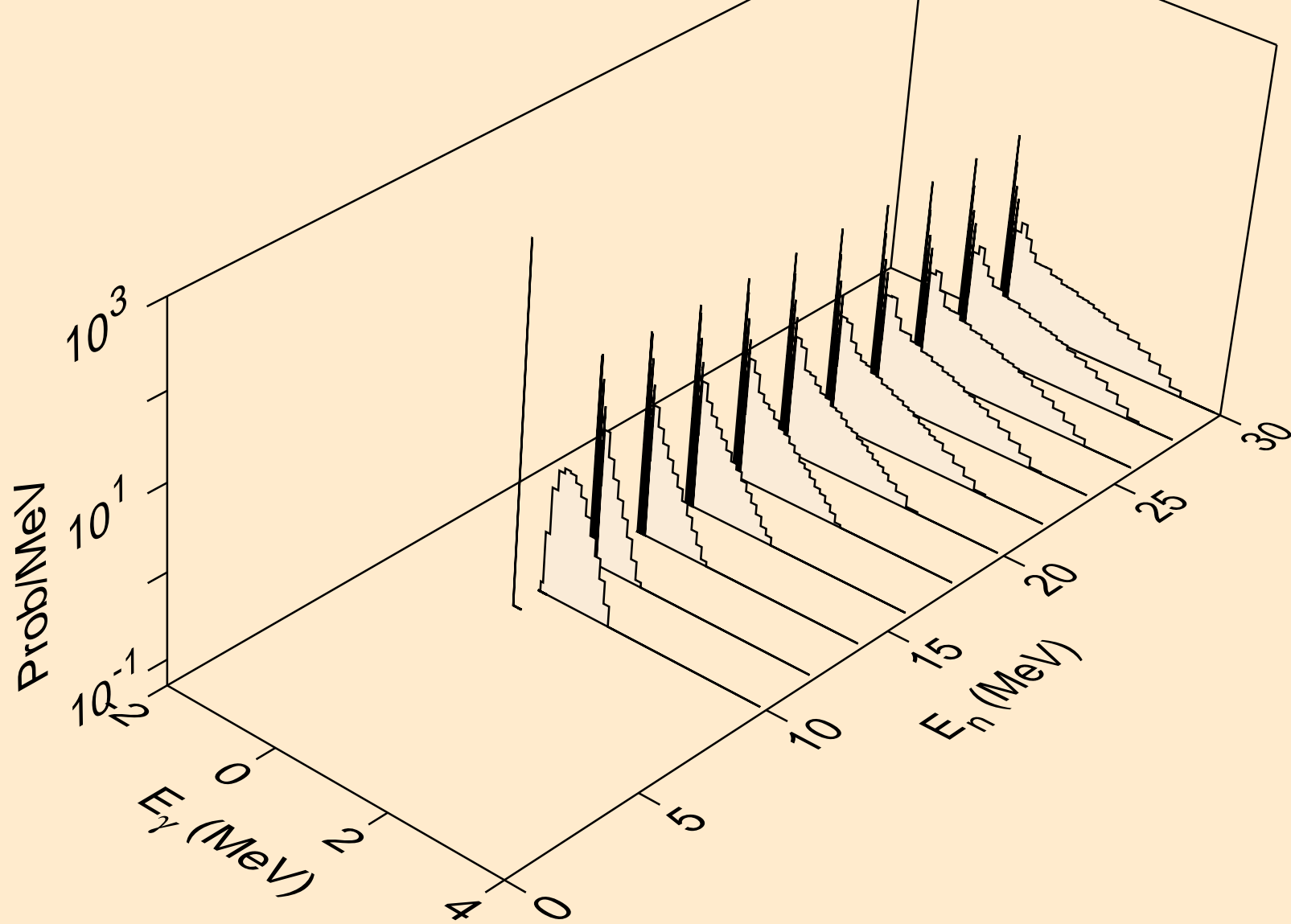
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Photon emission for (n,a)



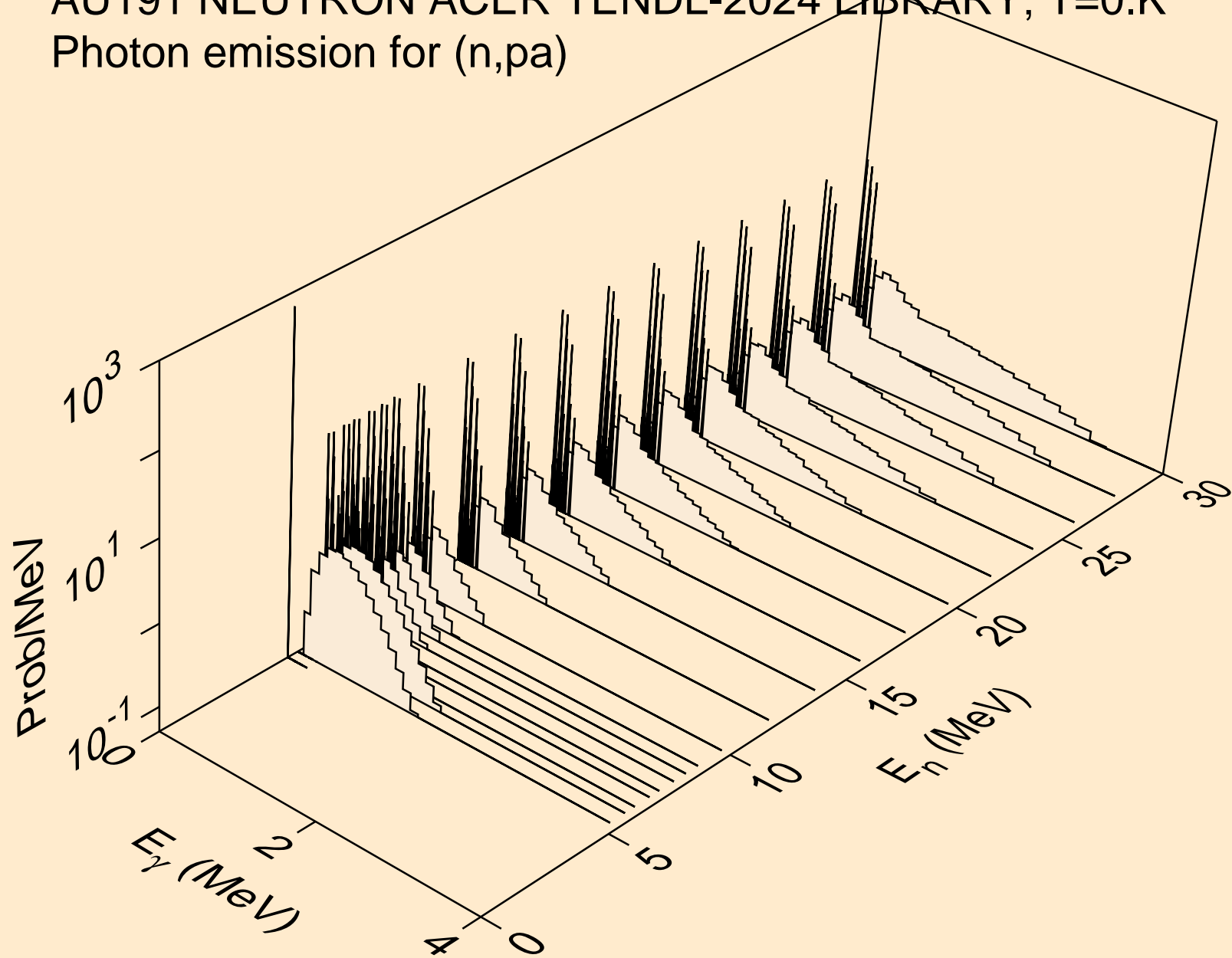
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Photon emission for (n,2a)



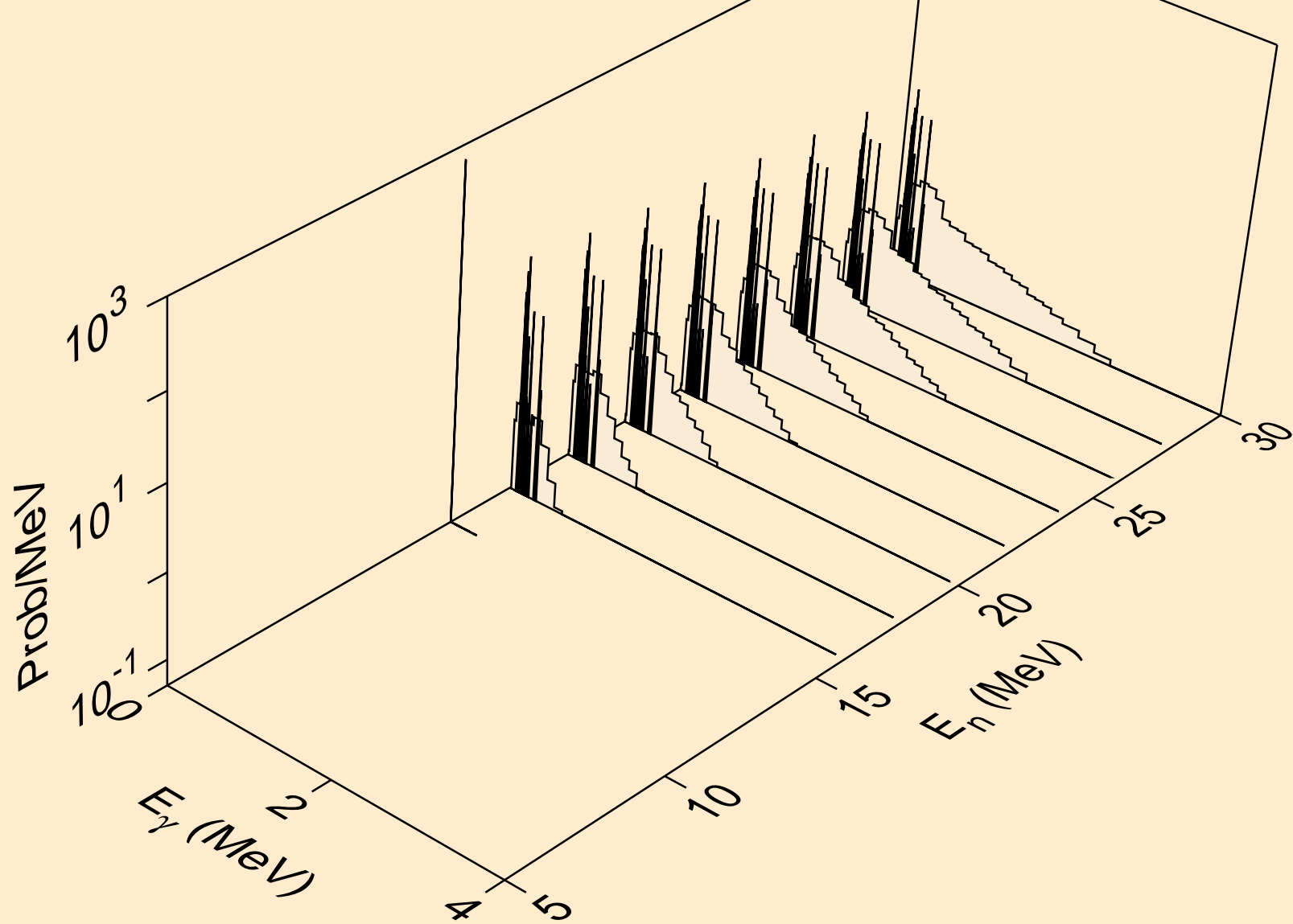
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Photon emission for (n,2p)



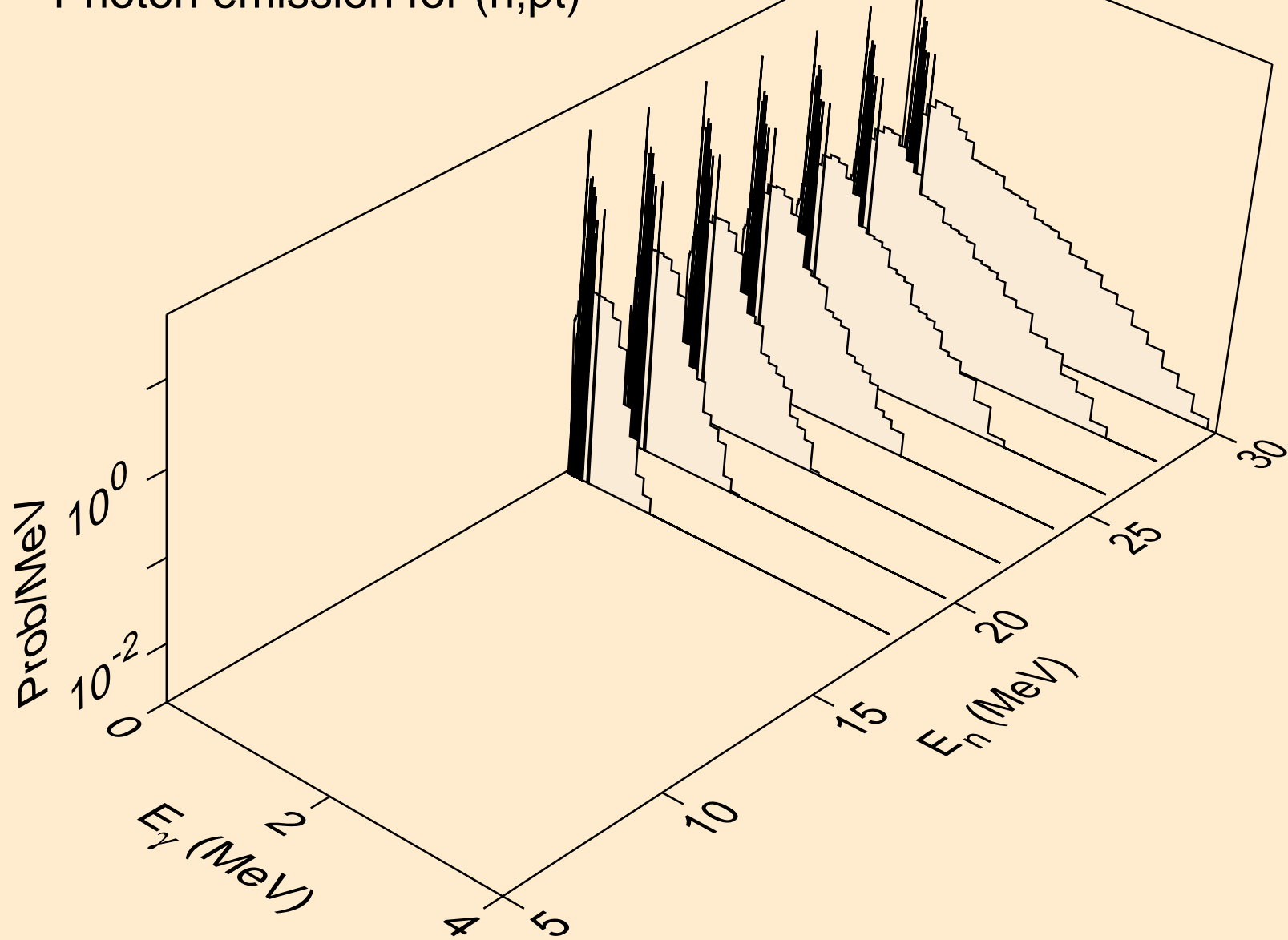
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Photon emission for (n,p $\alpha$ )



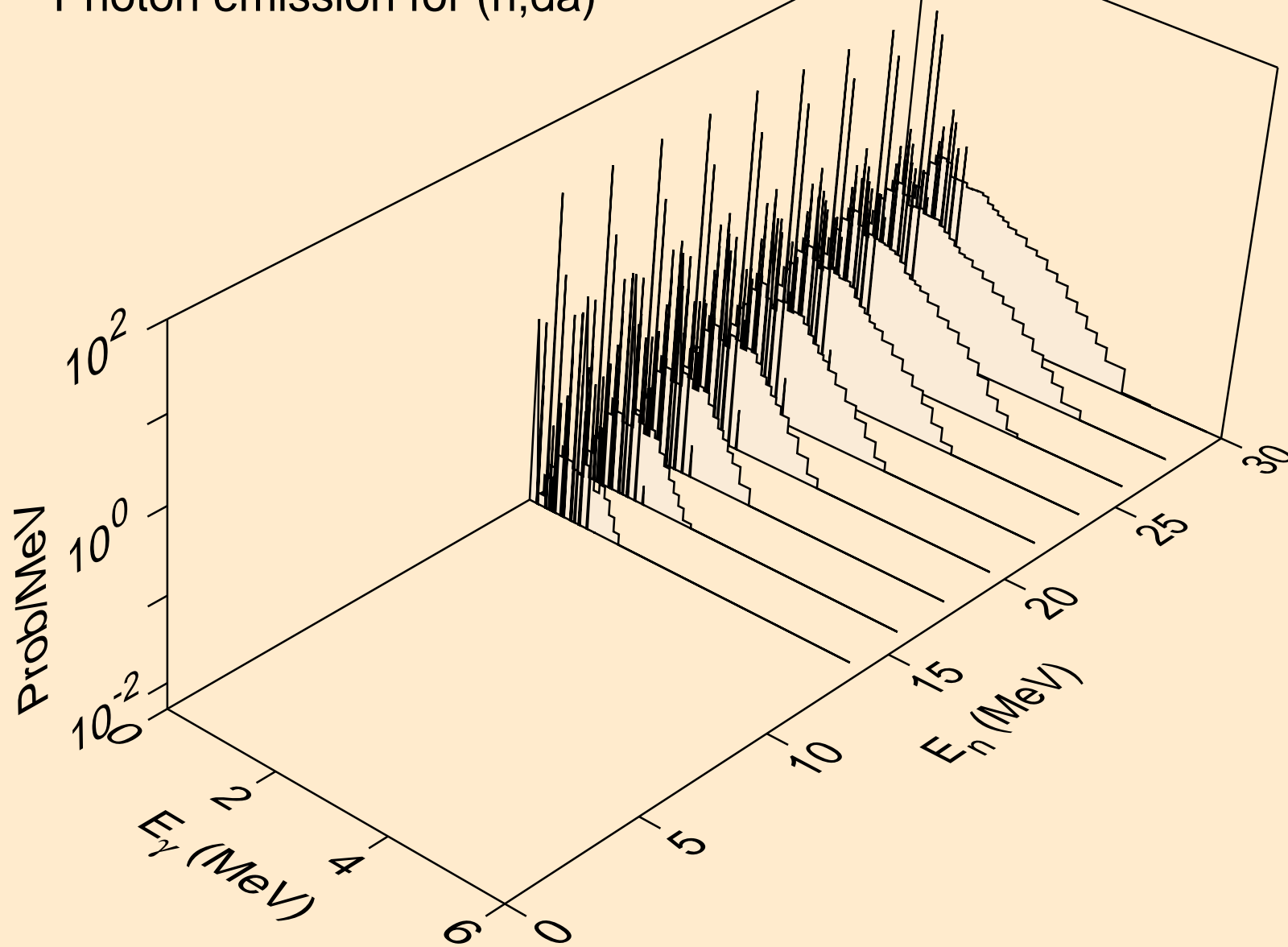
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



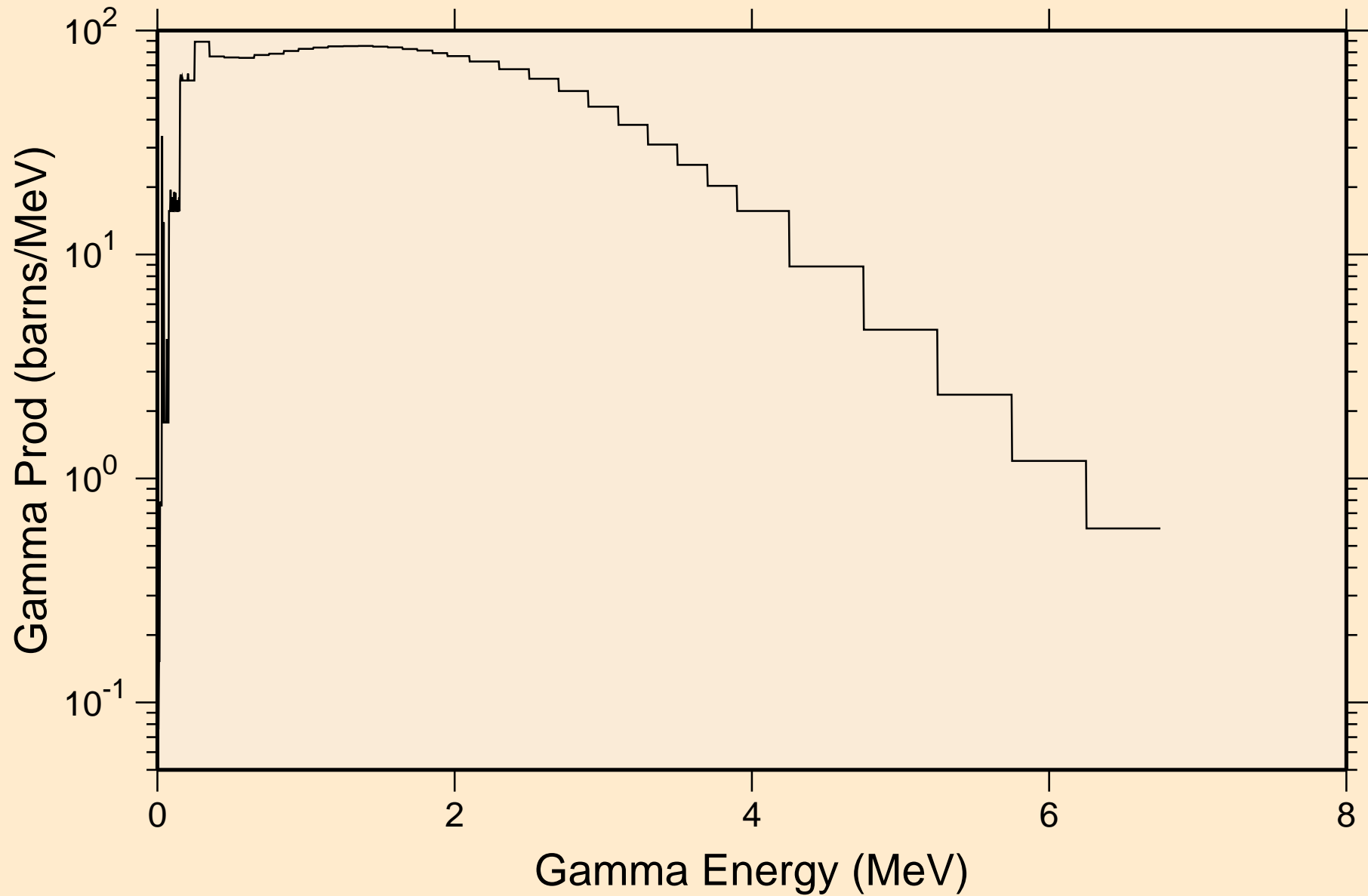
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

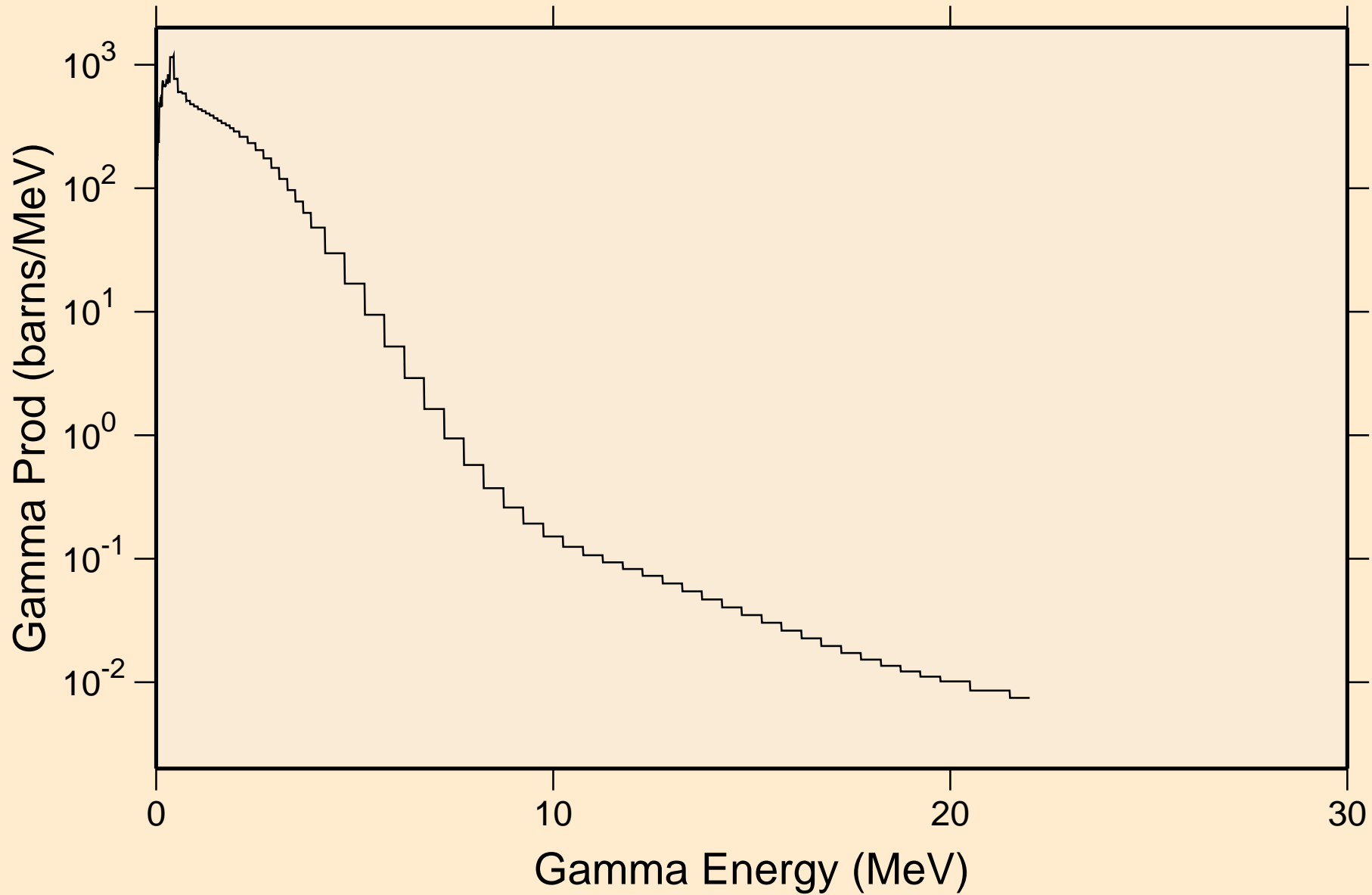


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



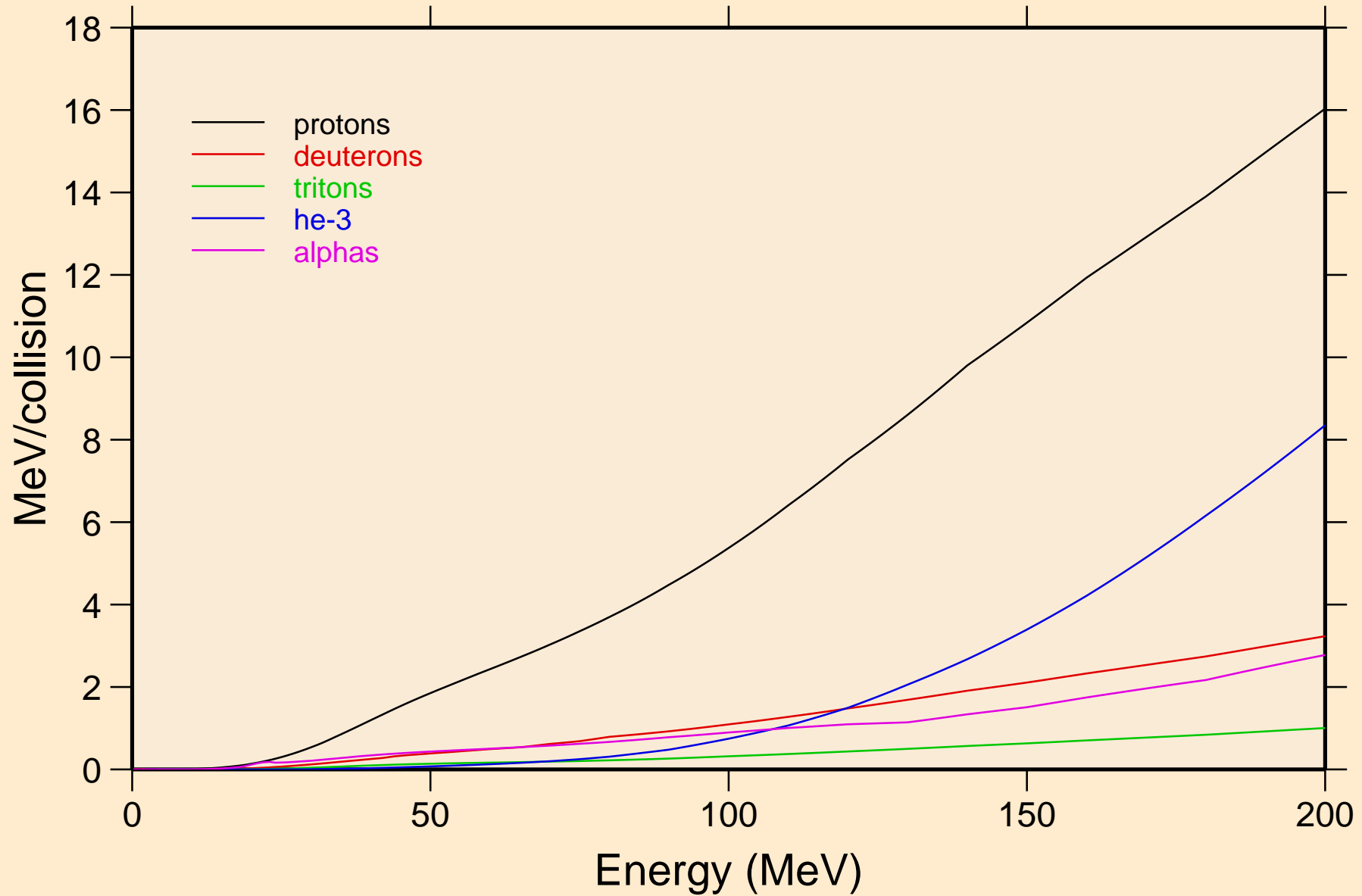


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

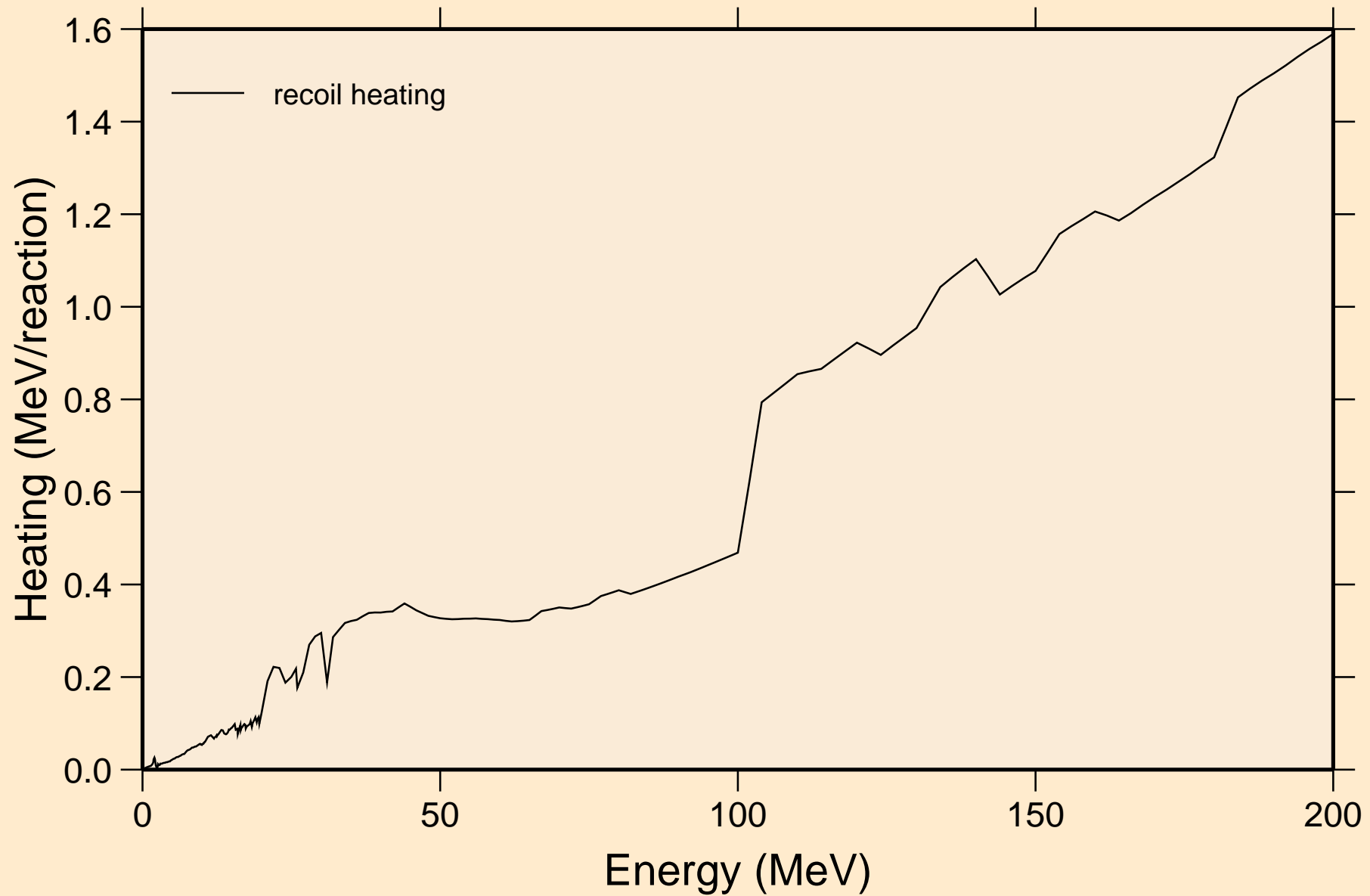


# AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

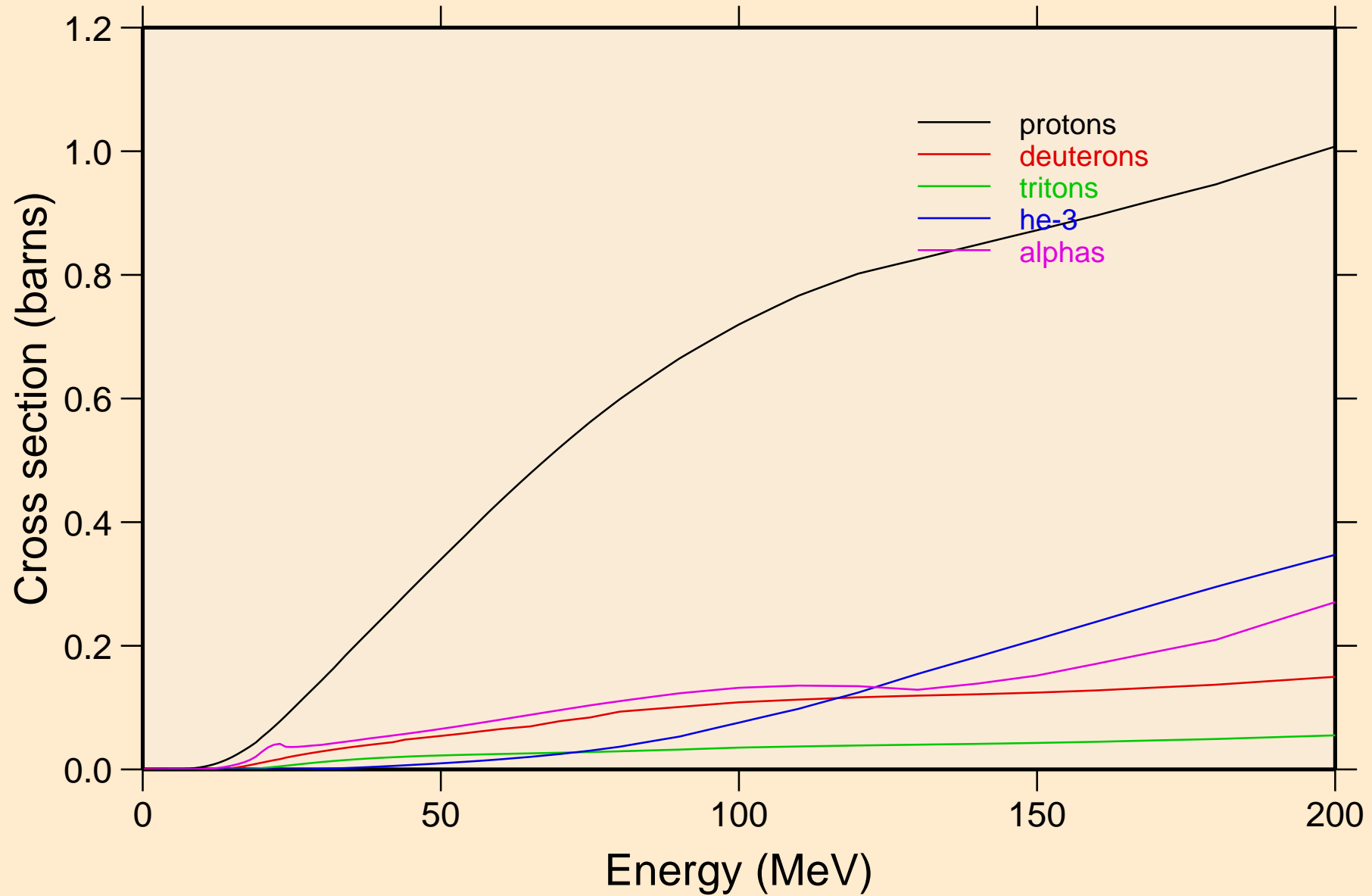
## Particle heating contributions



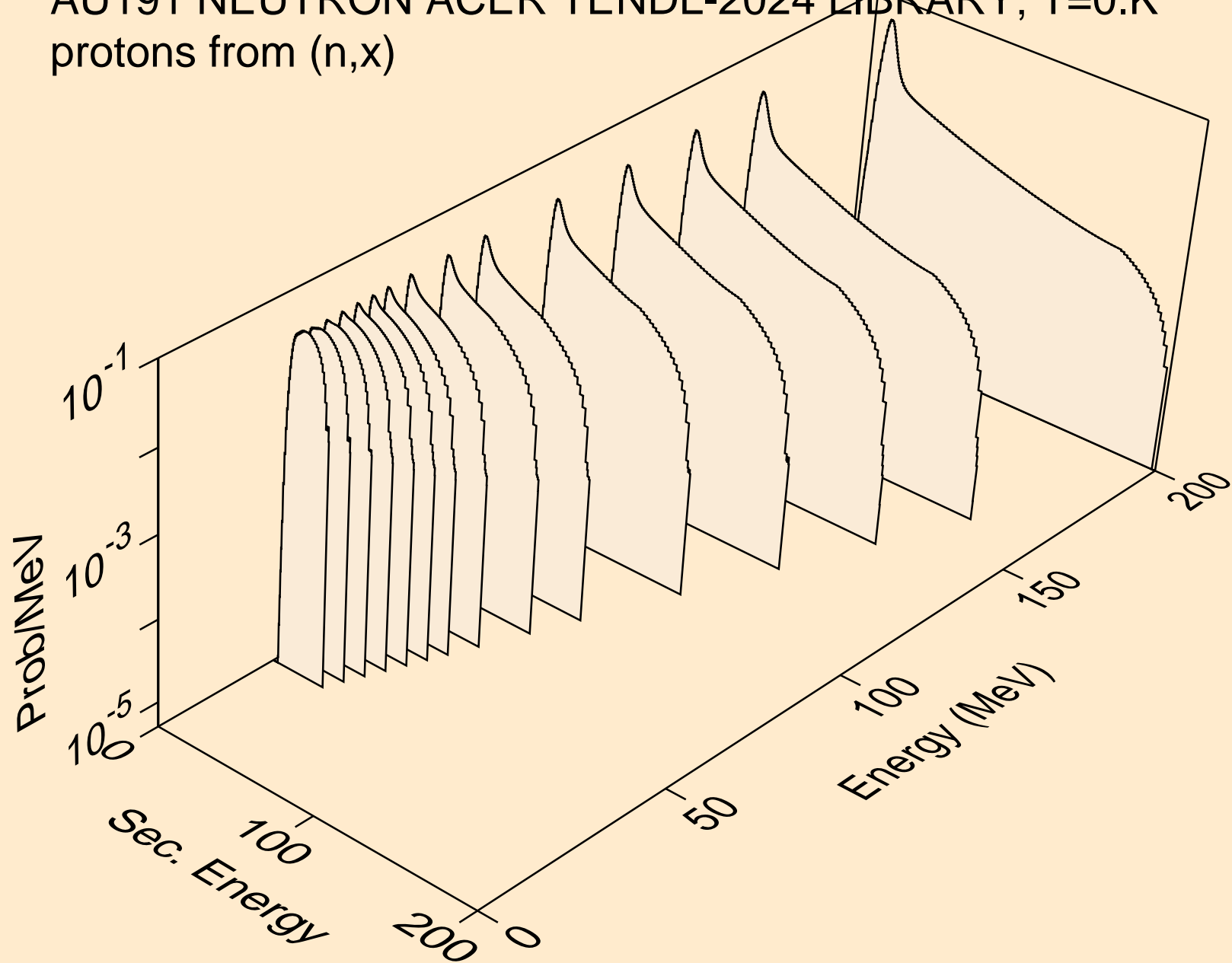
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



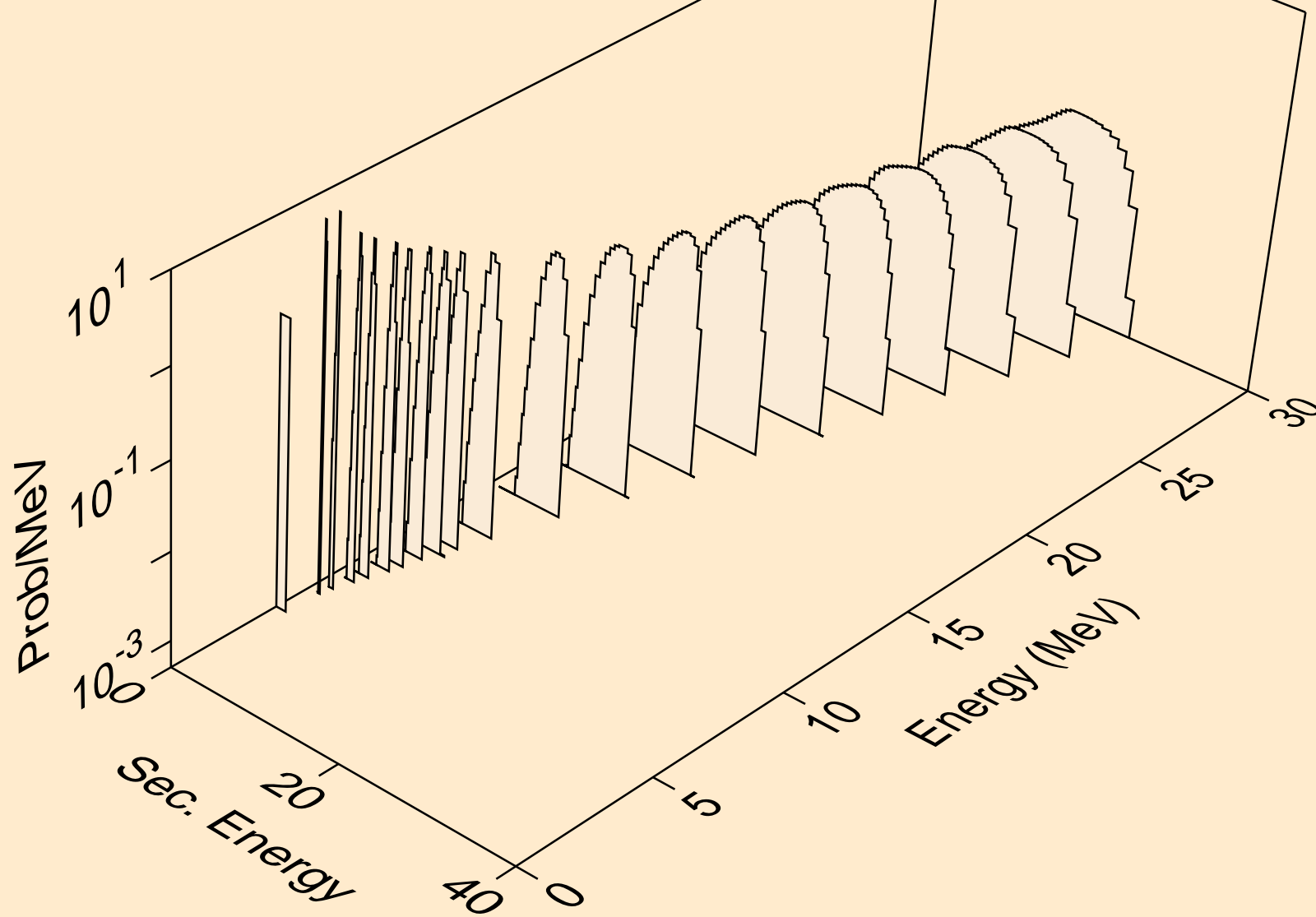
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



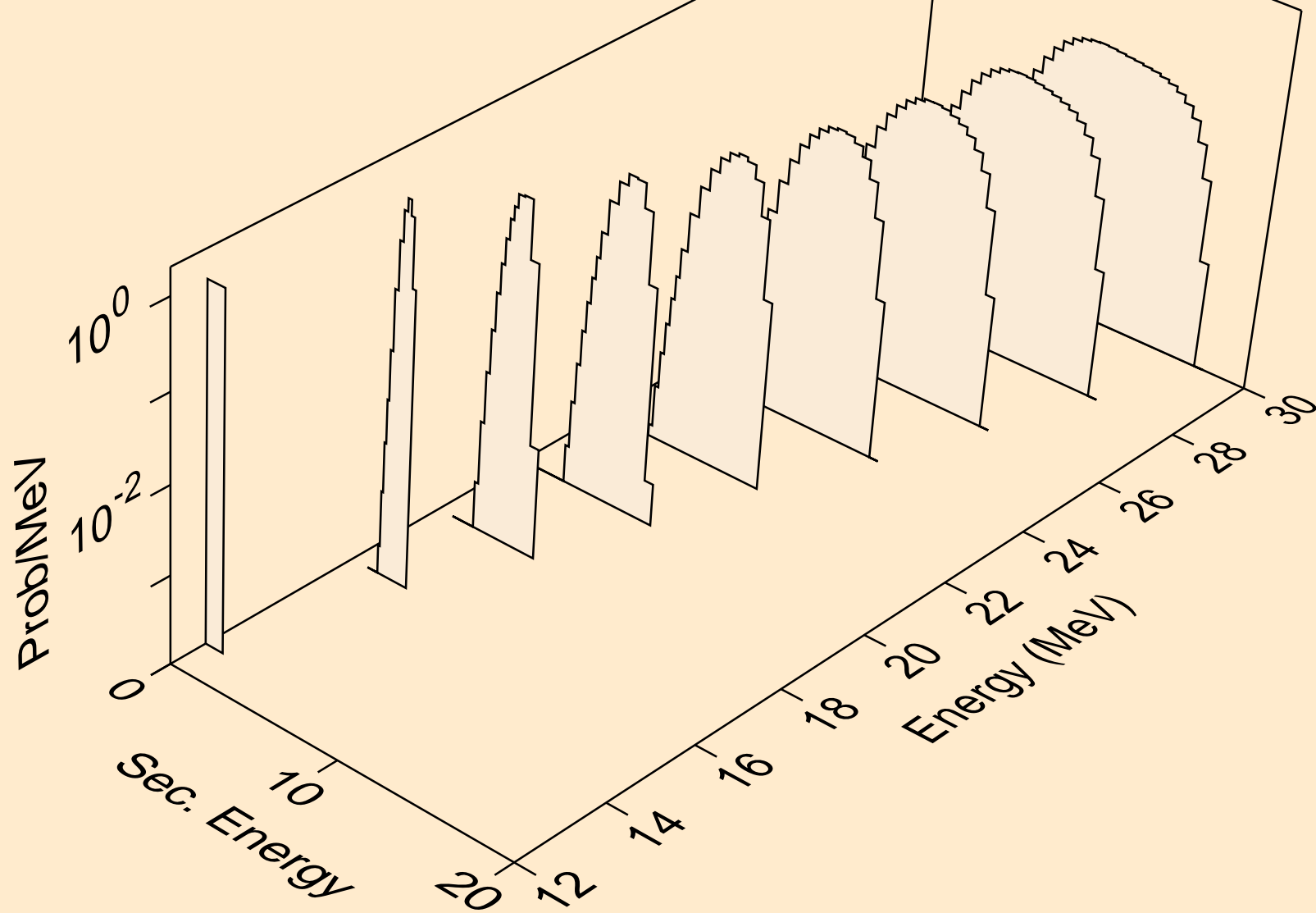
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



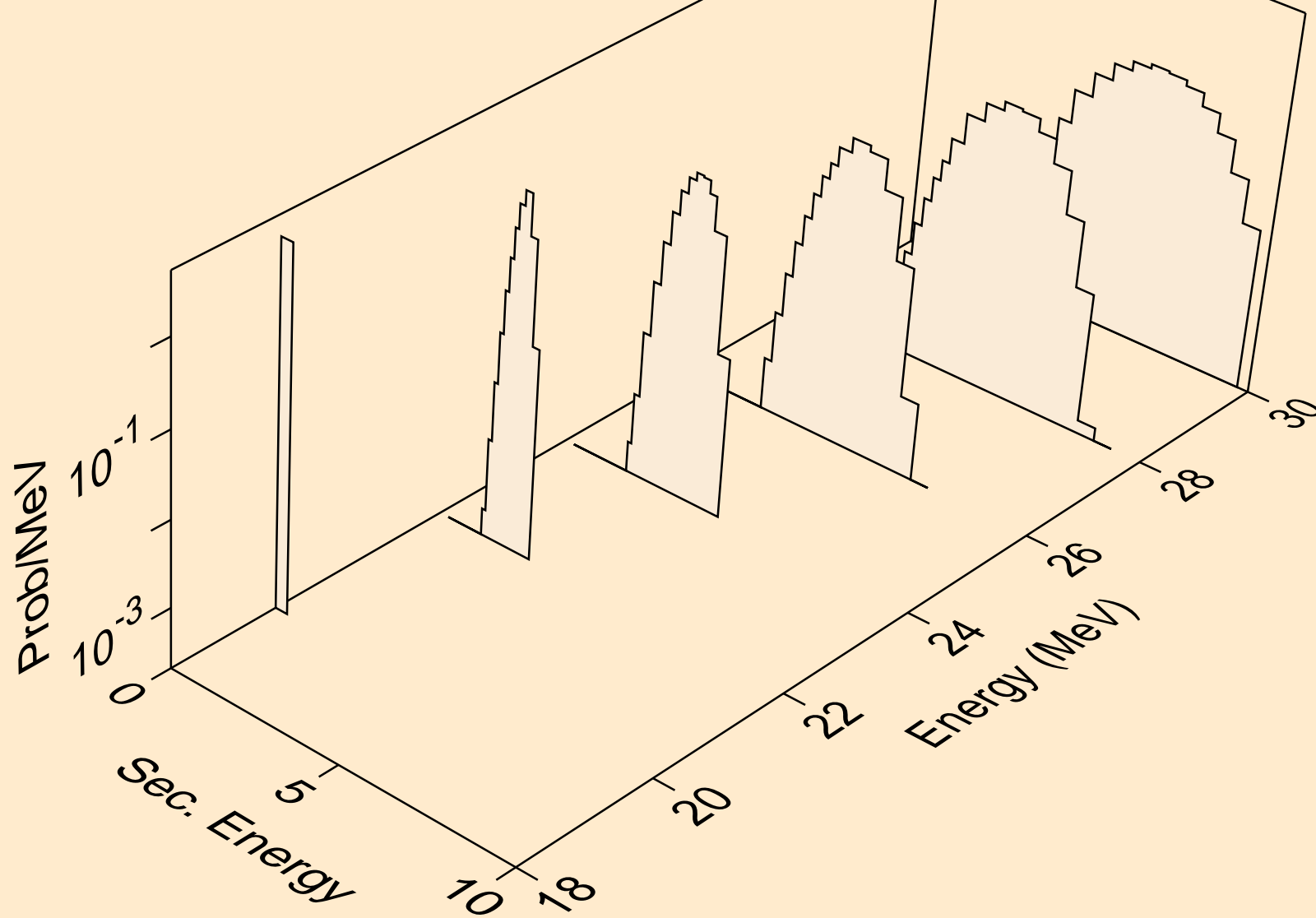
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

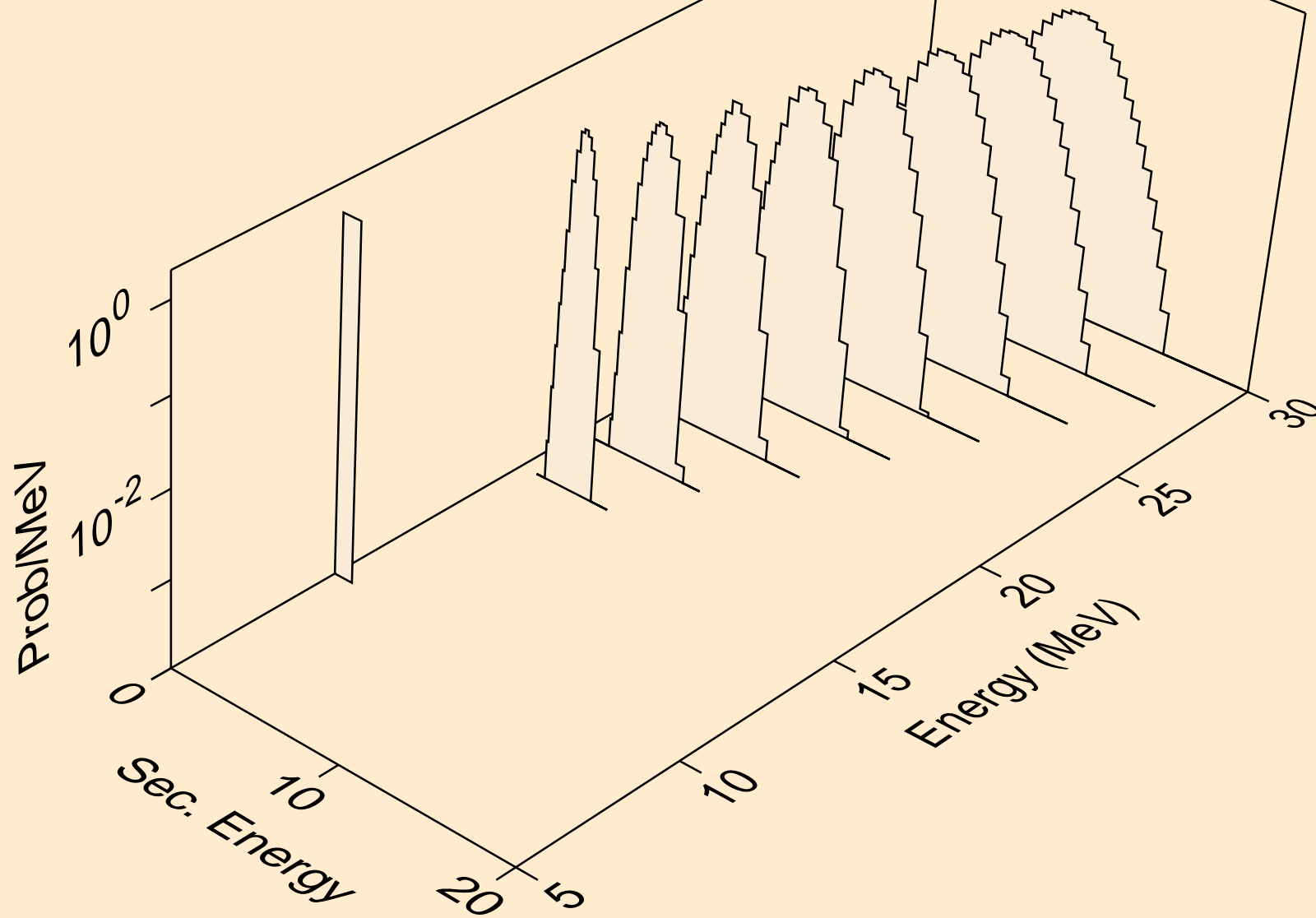


AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

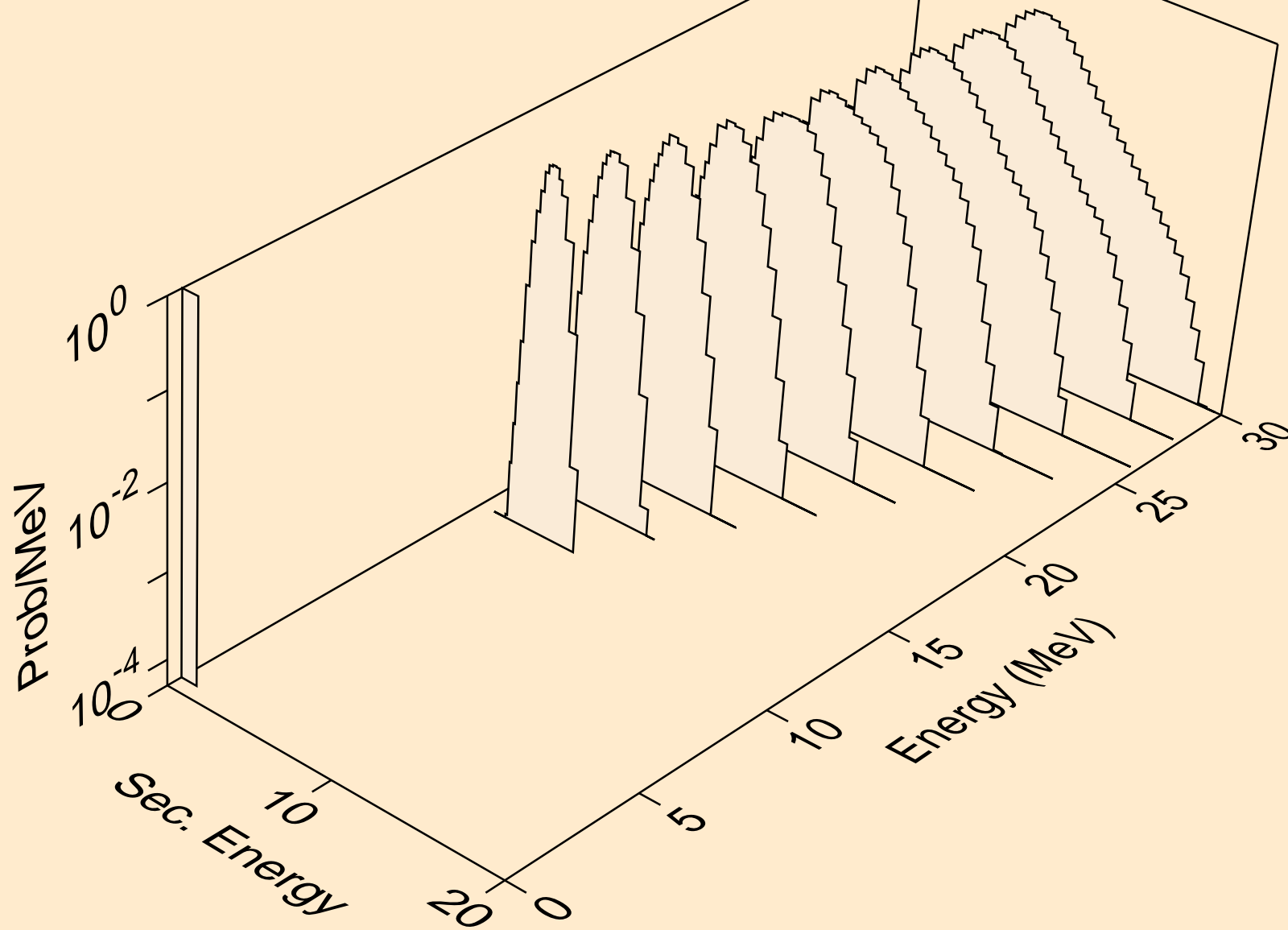




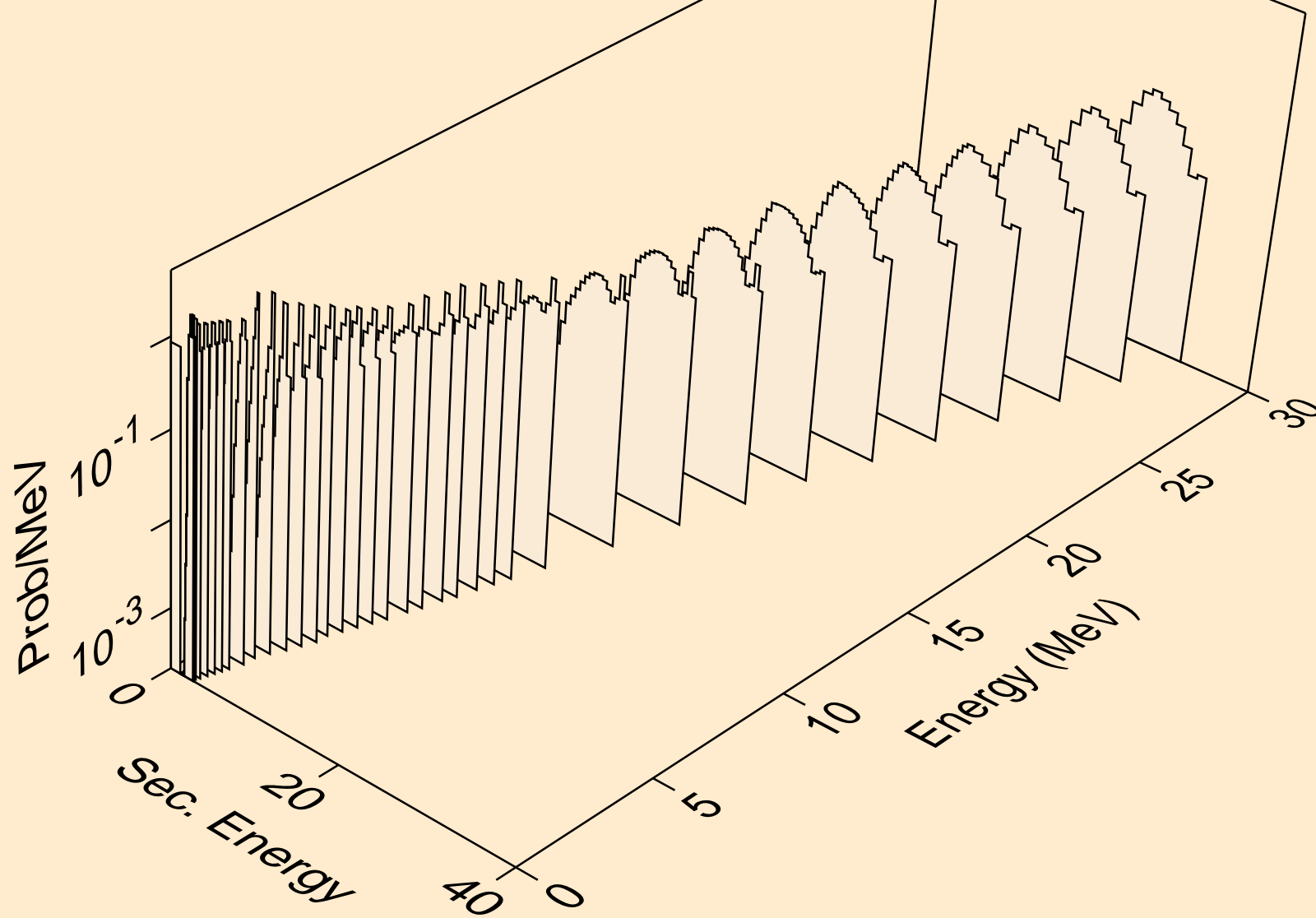
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protons from (n,n2p)



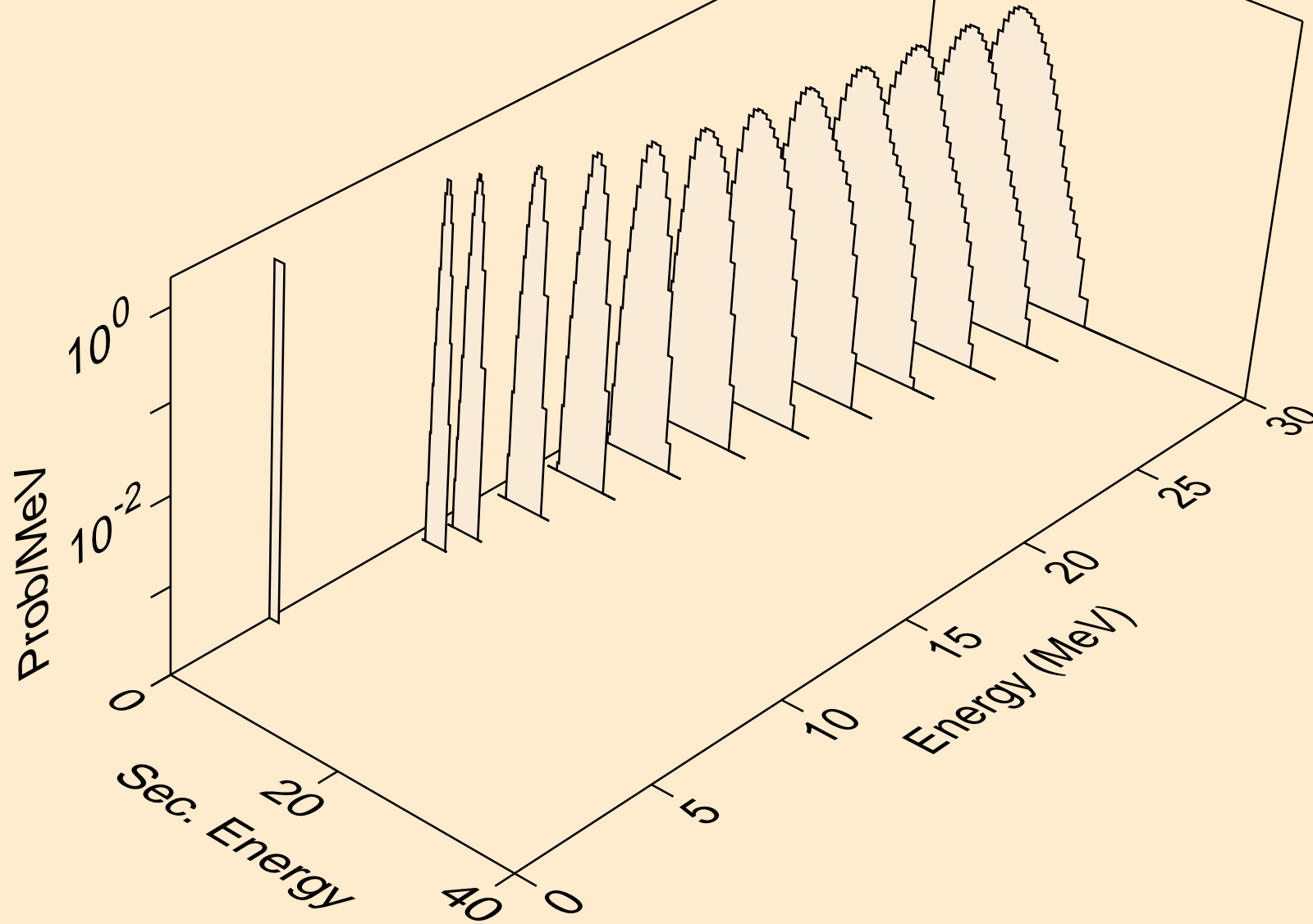
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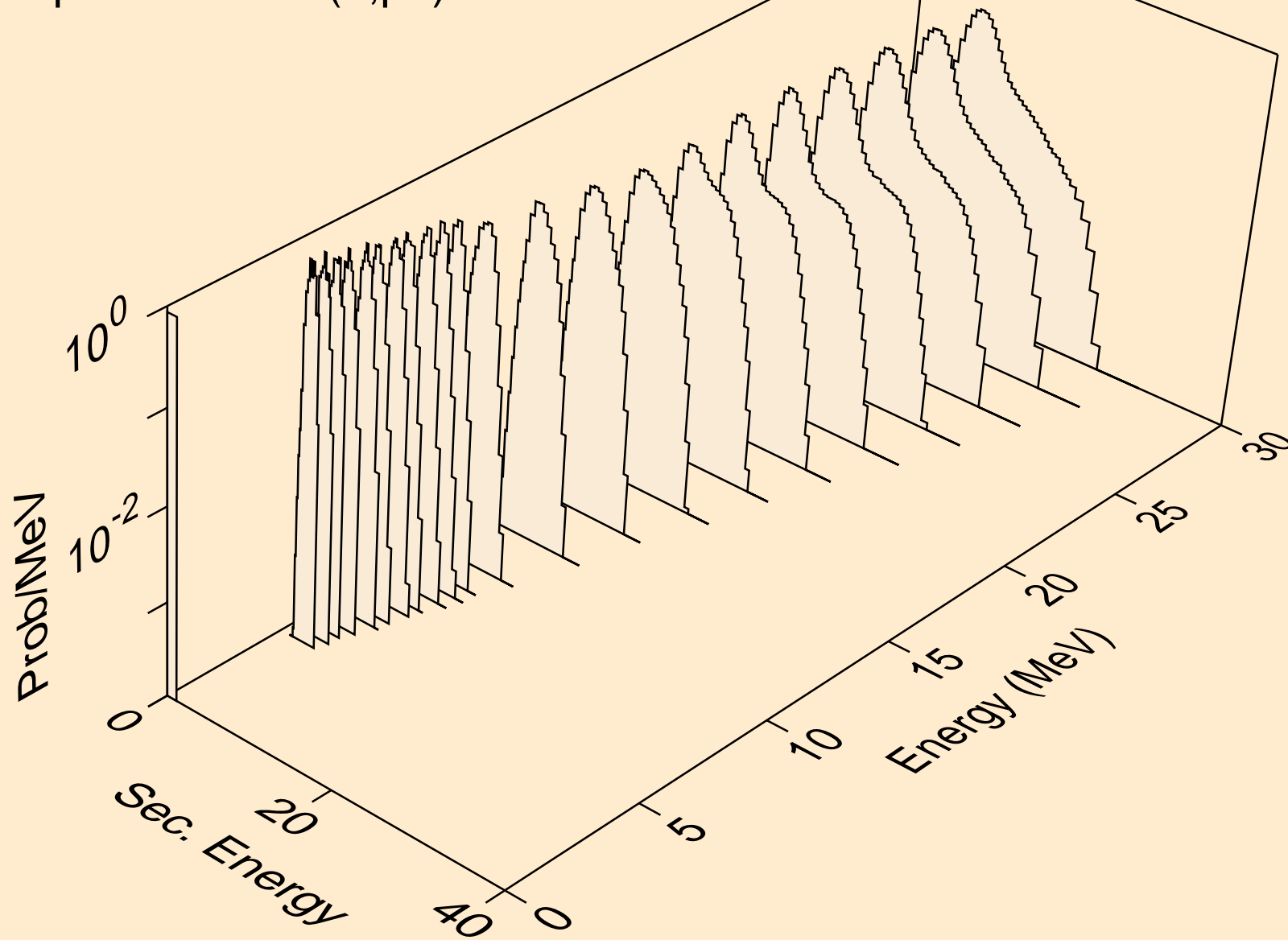
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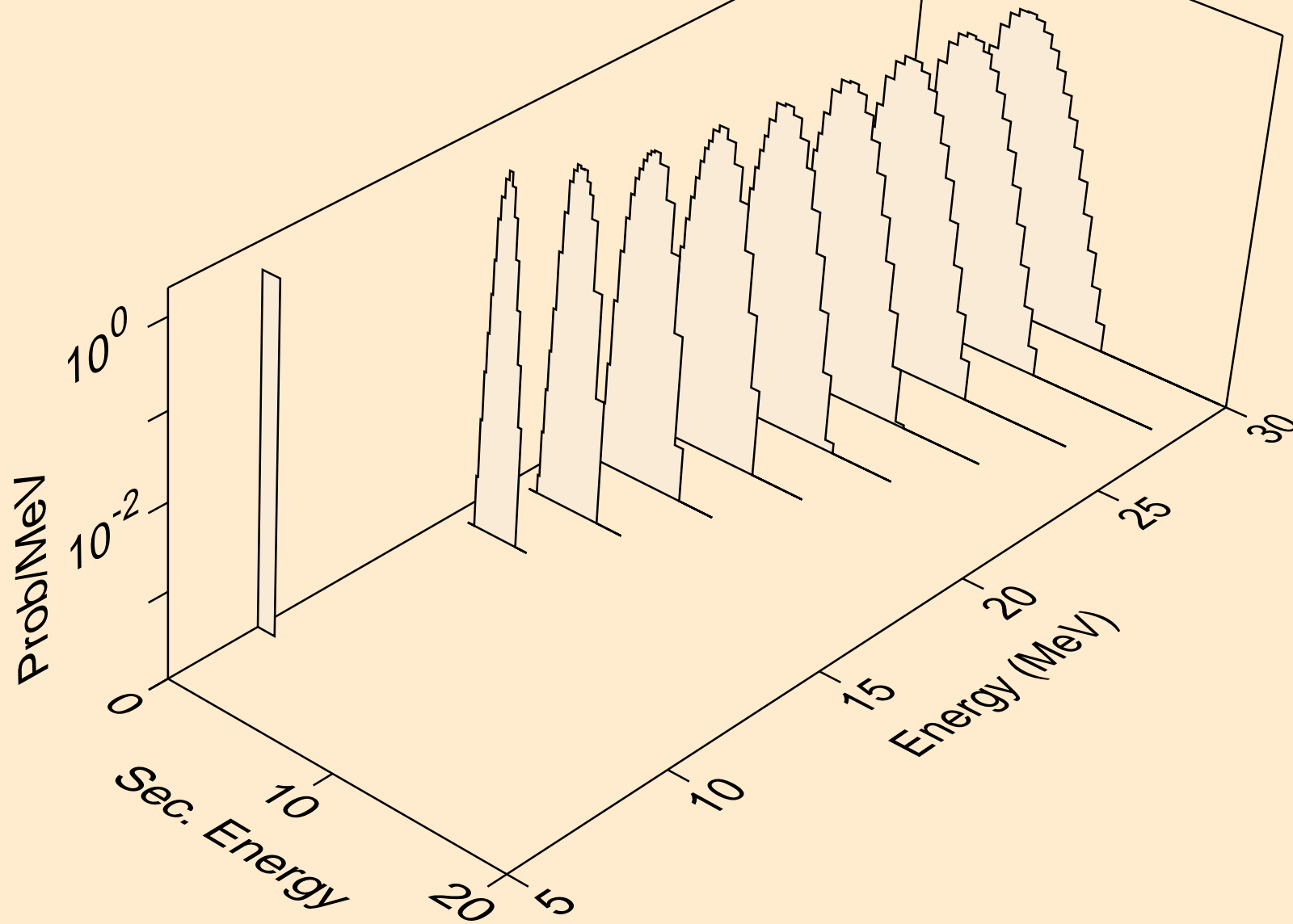
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protons from (n,2p)



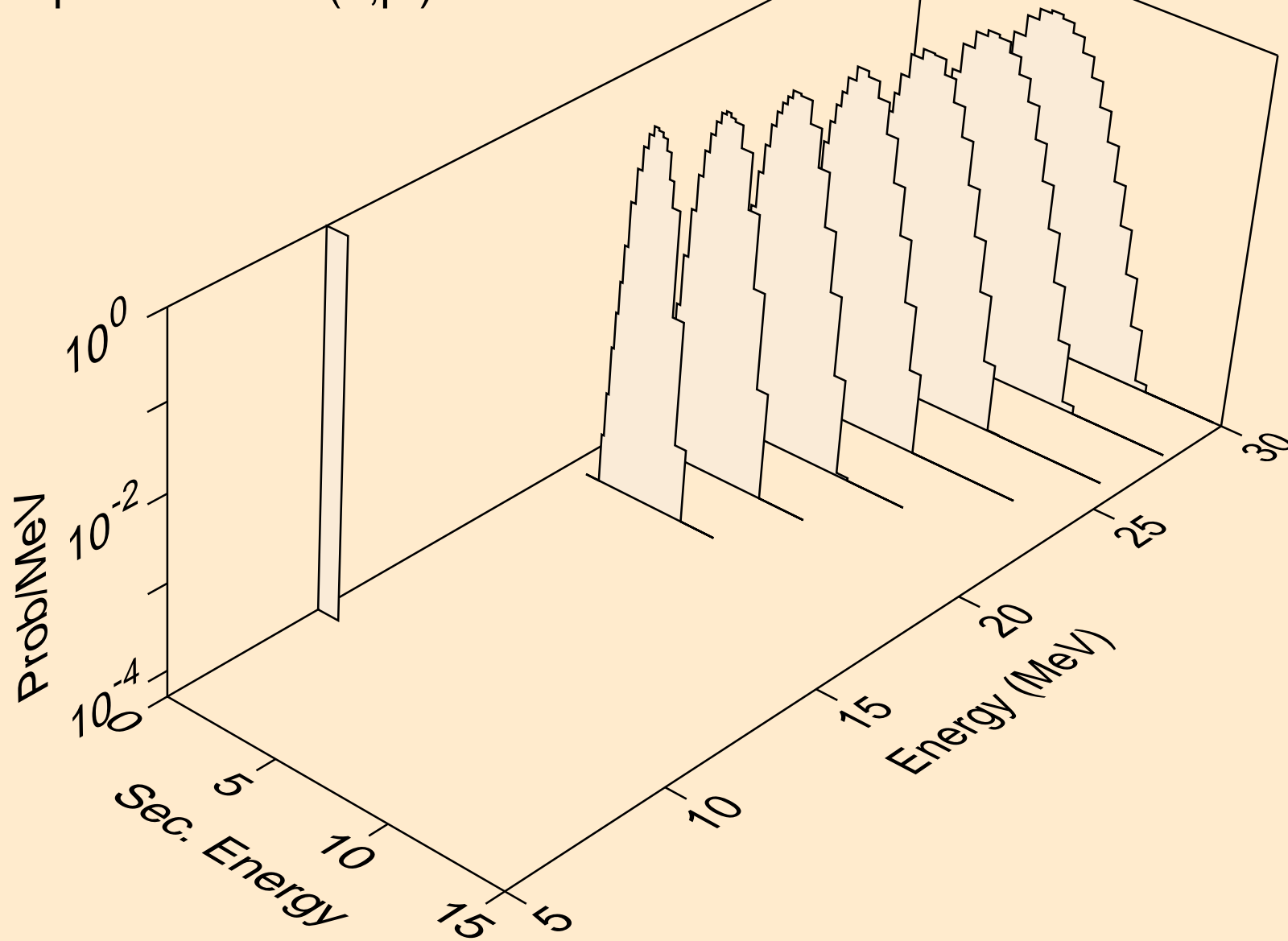
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protons from (n,p)



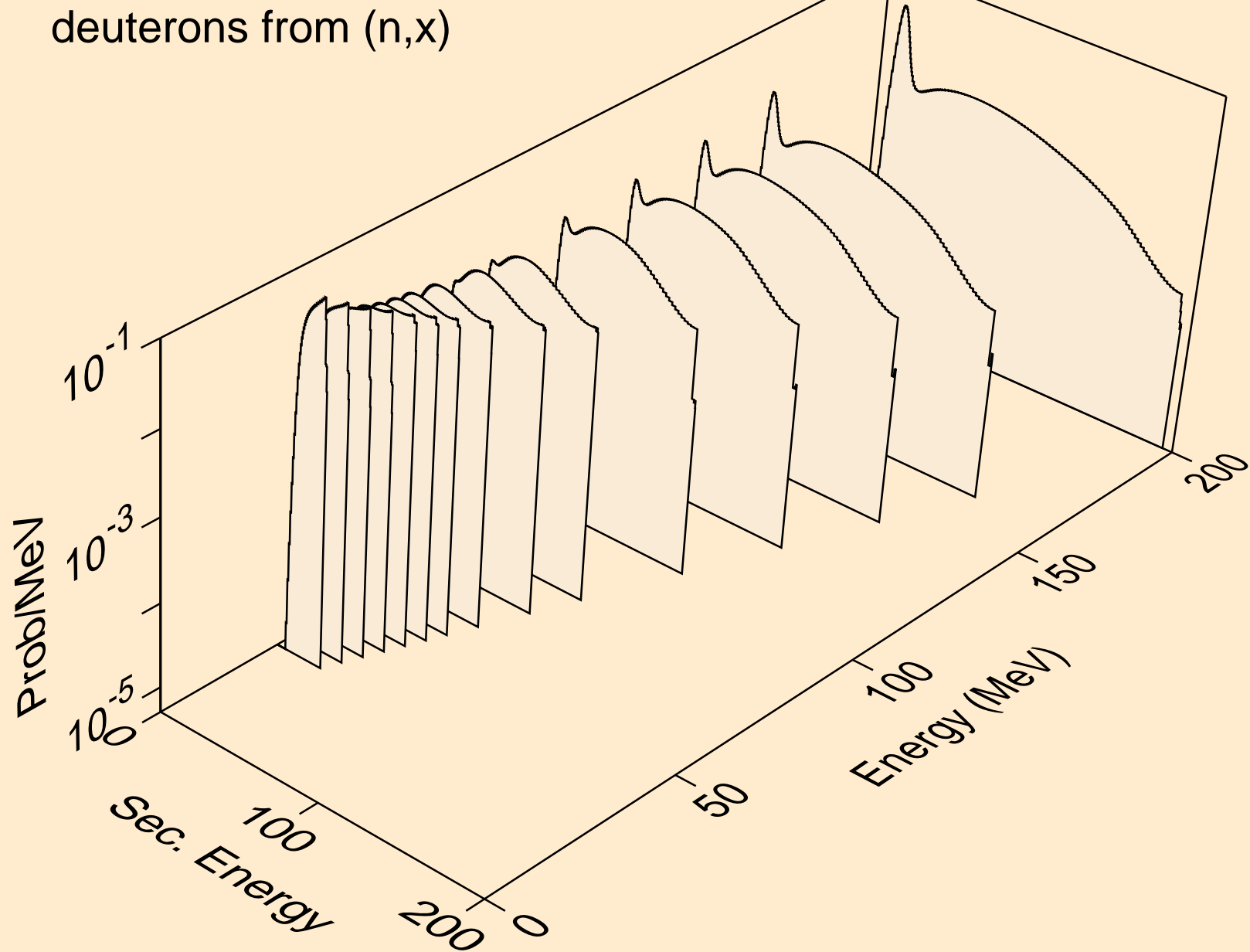
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

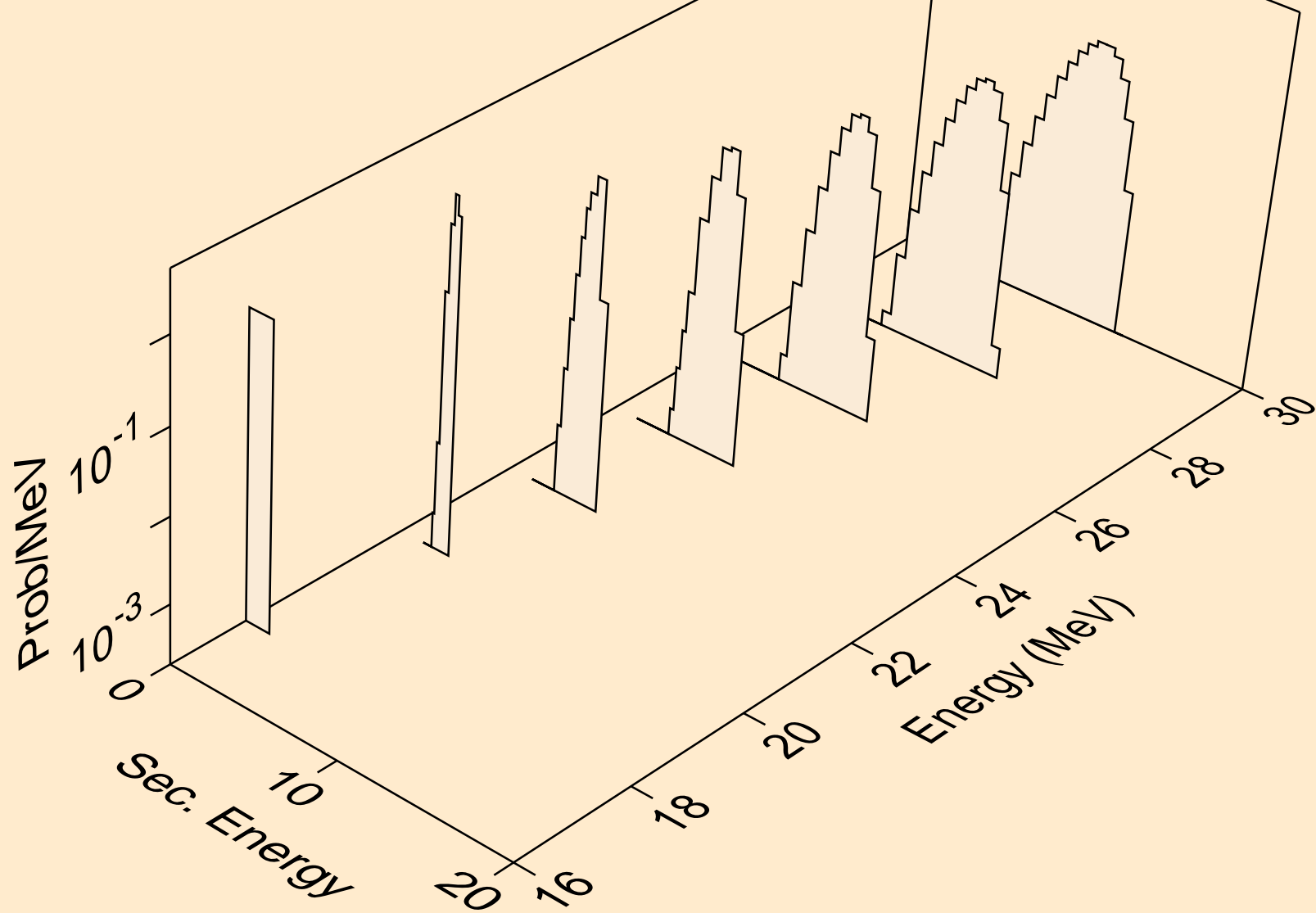


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deuterons from (n,x)

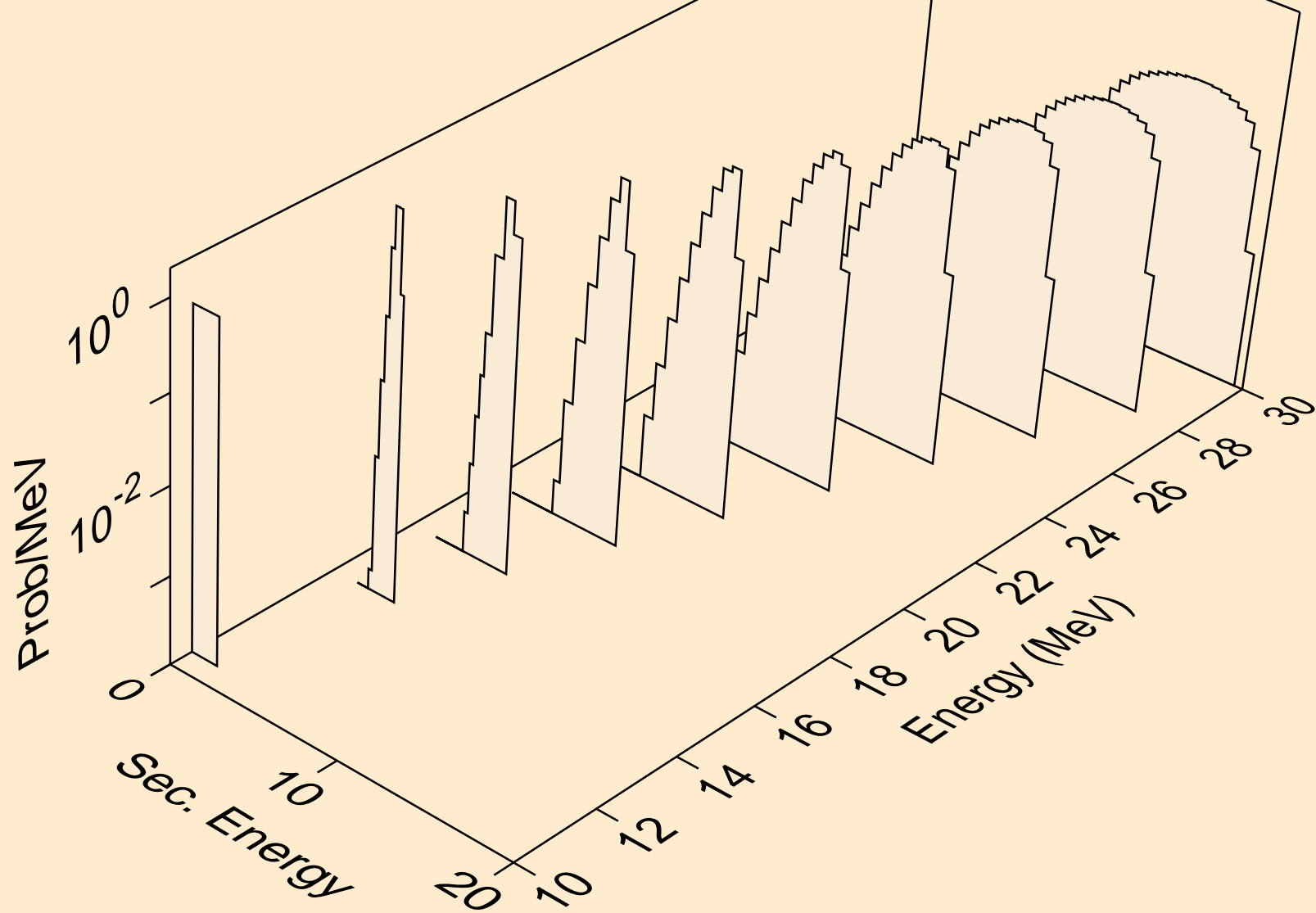




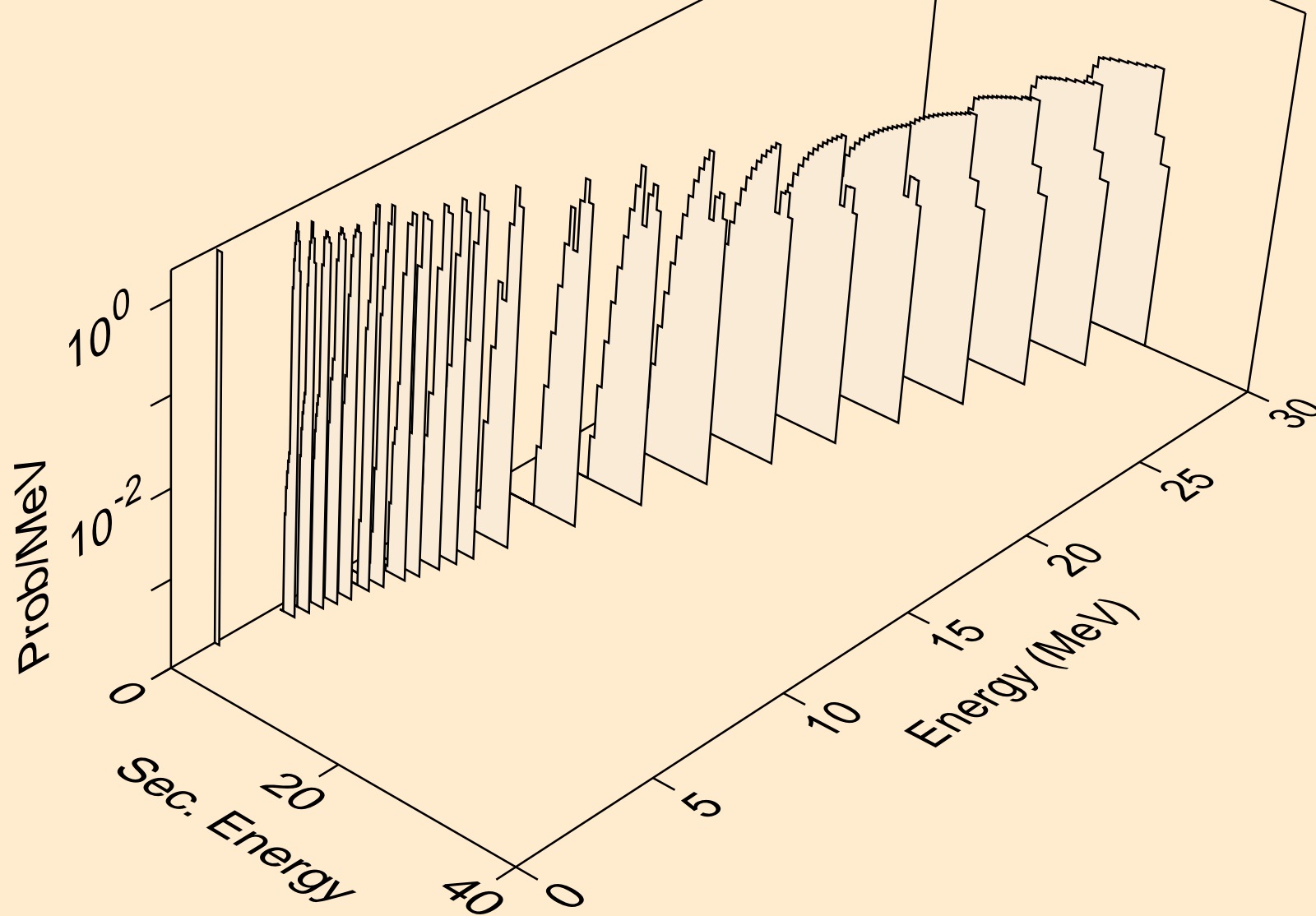
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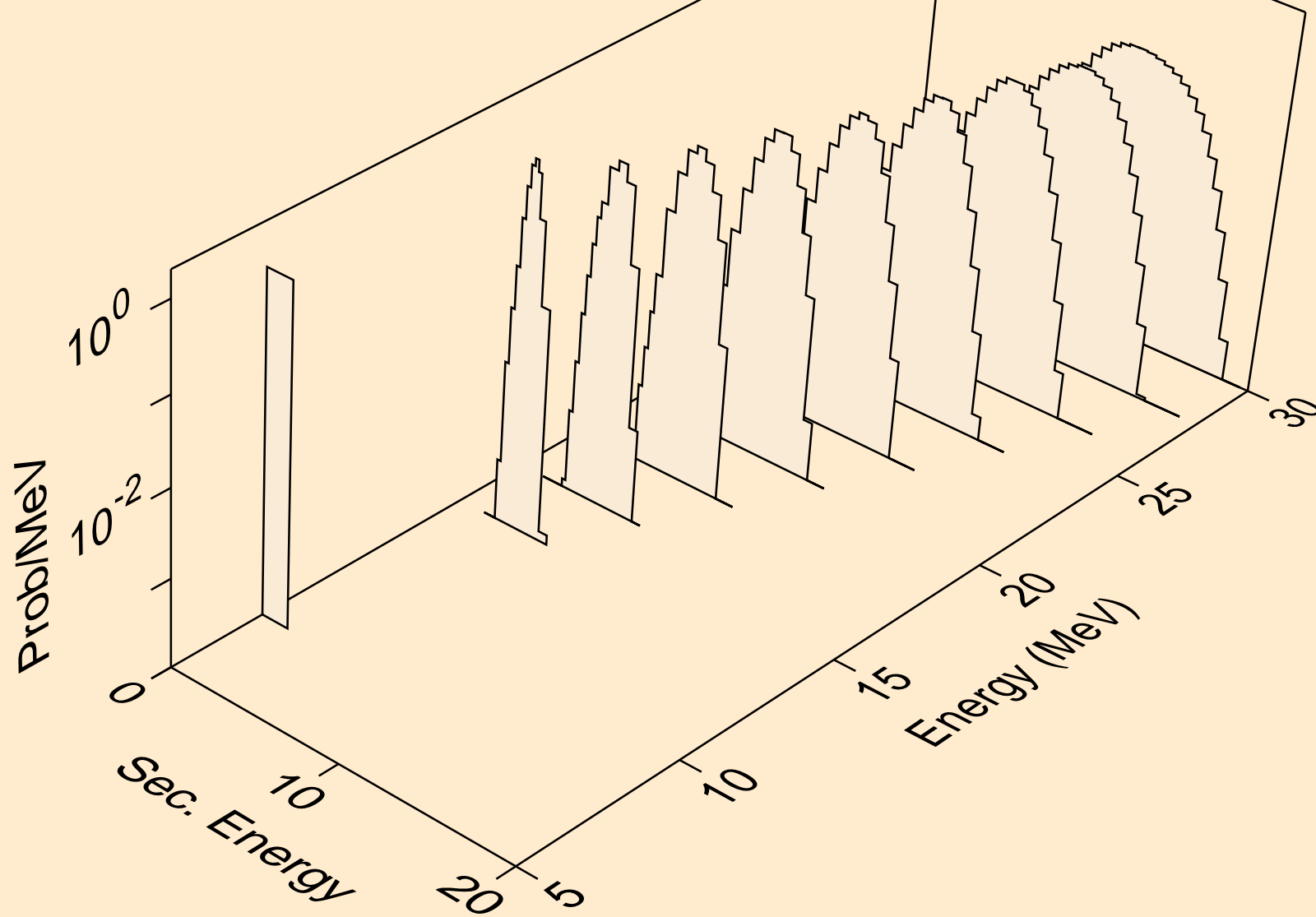
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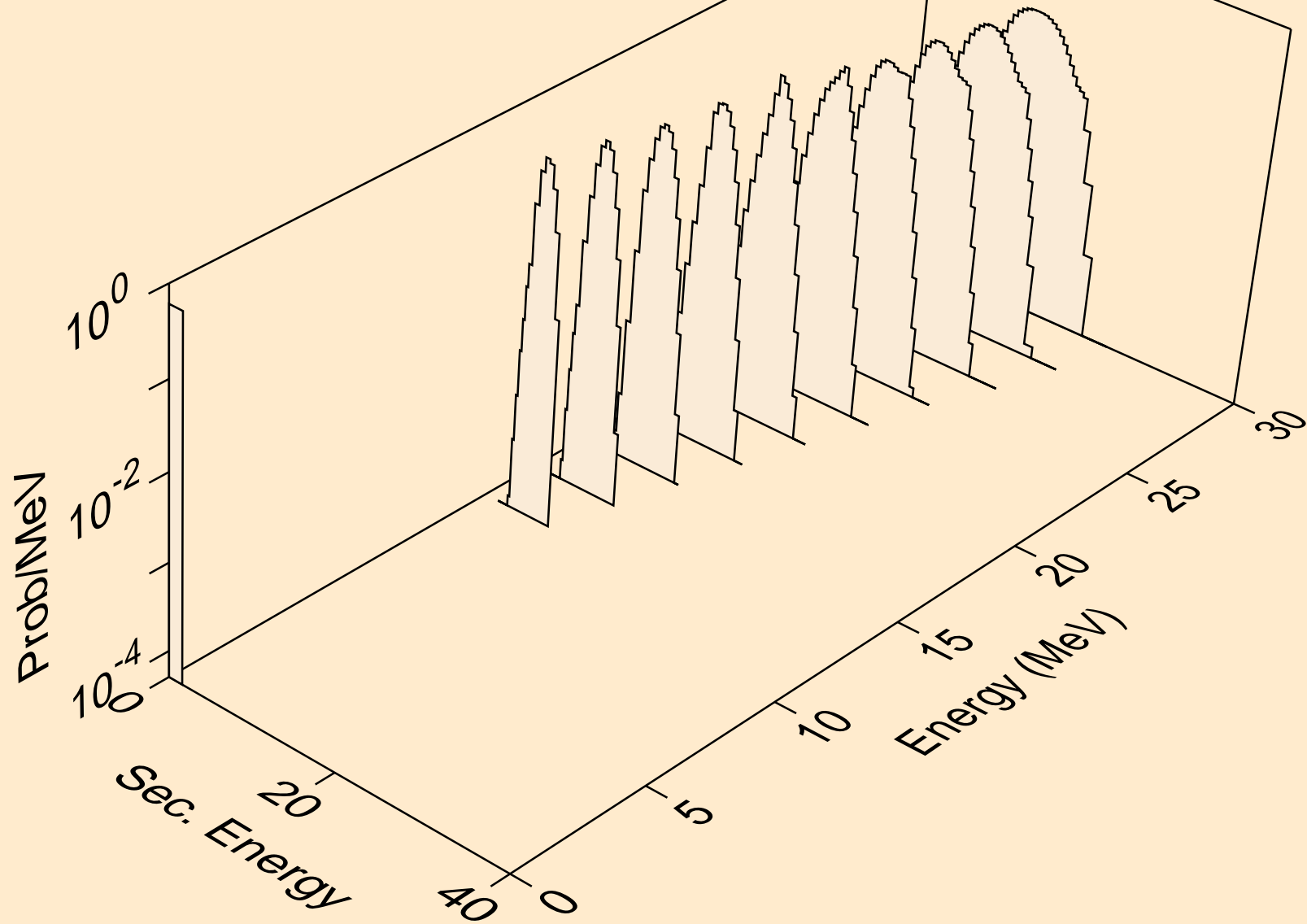
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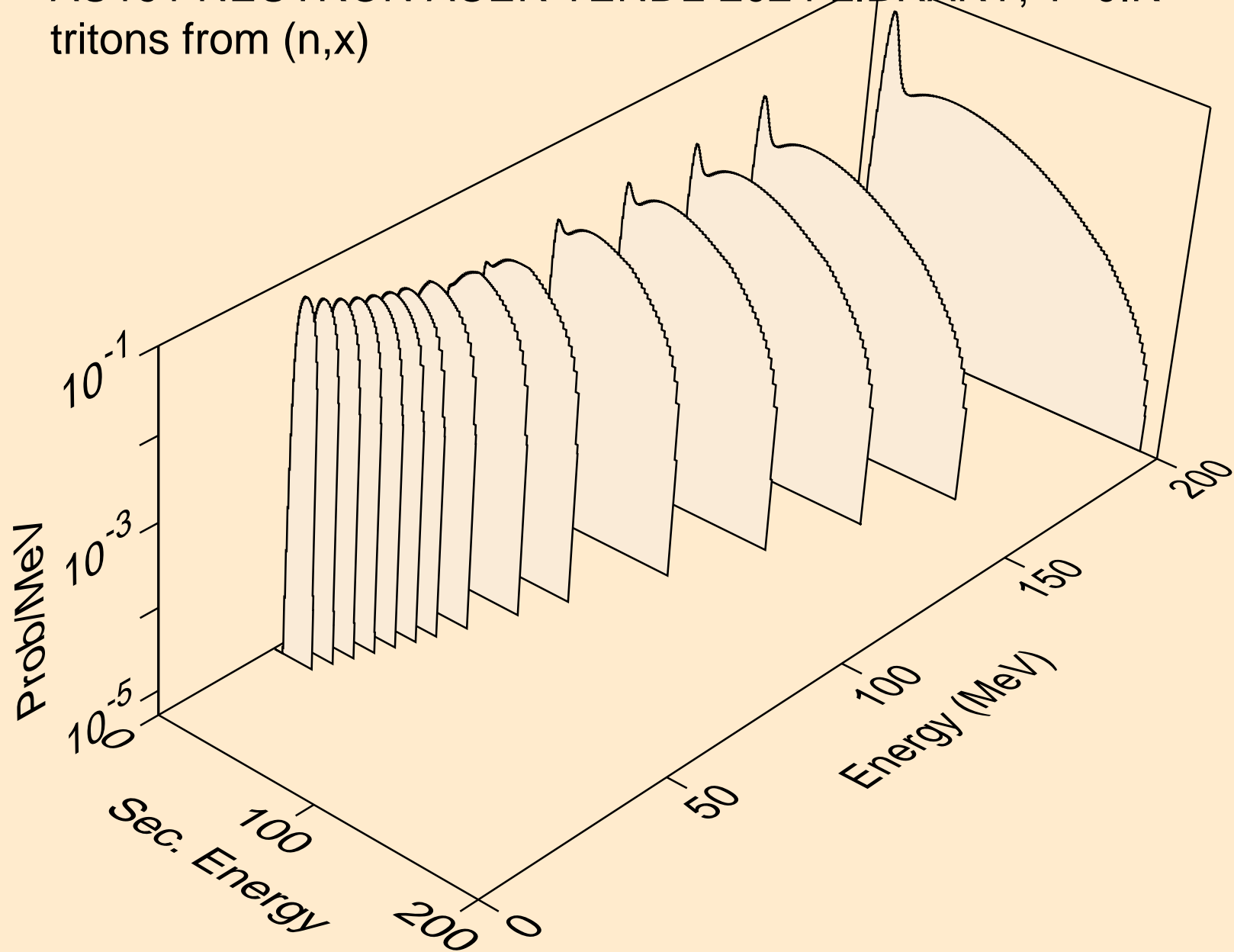
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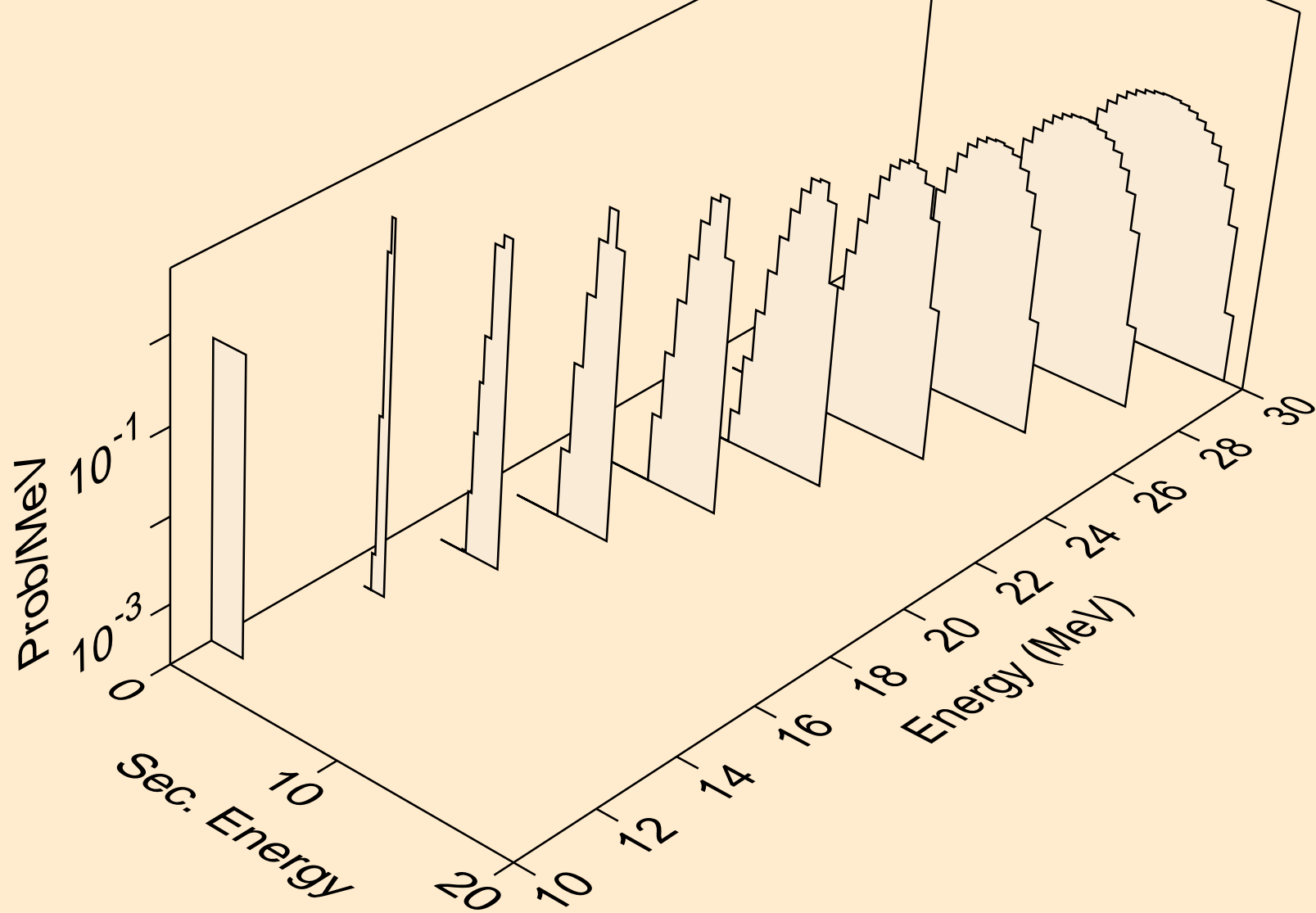
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deuterons from (n,da)



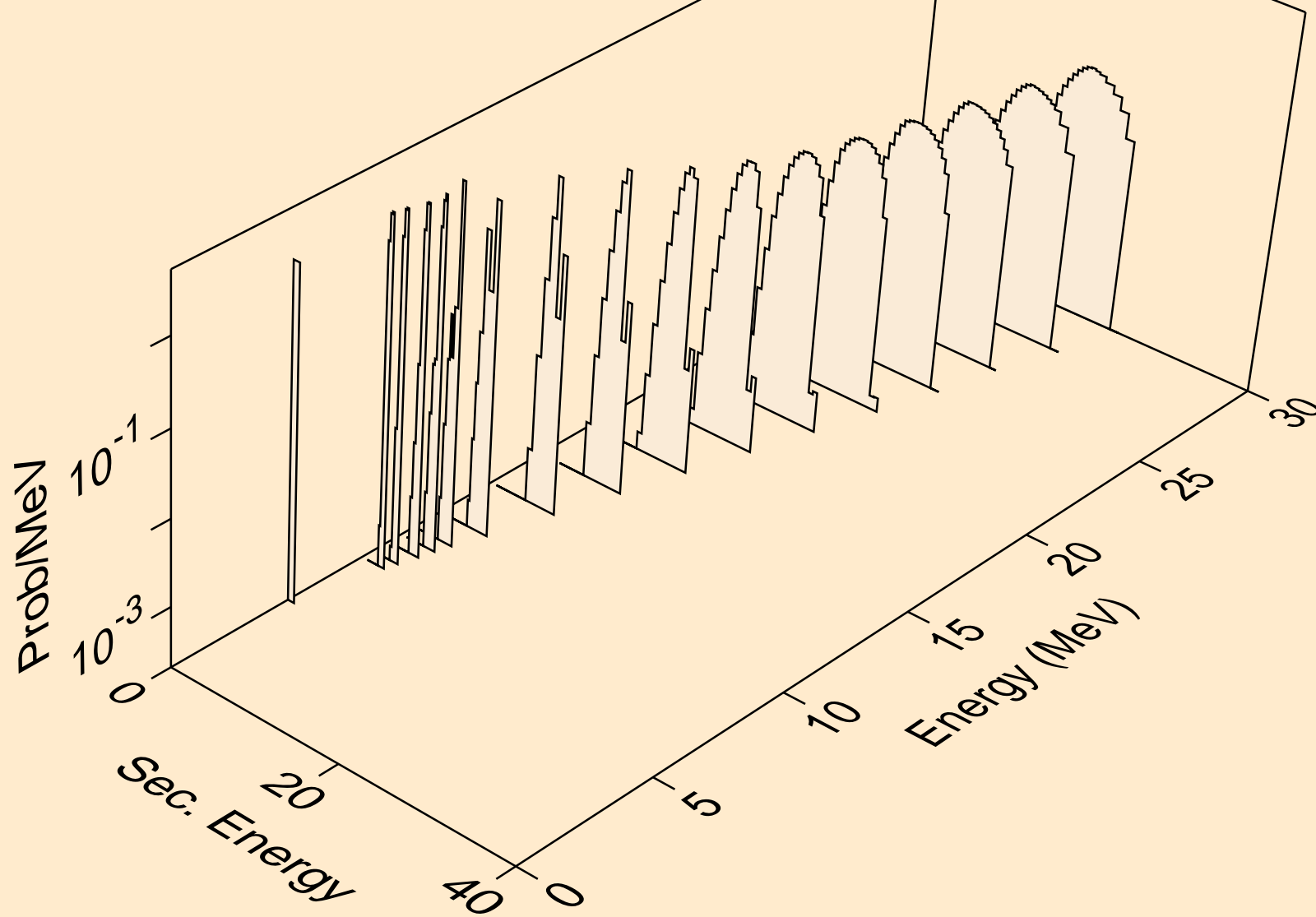
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

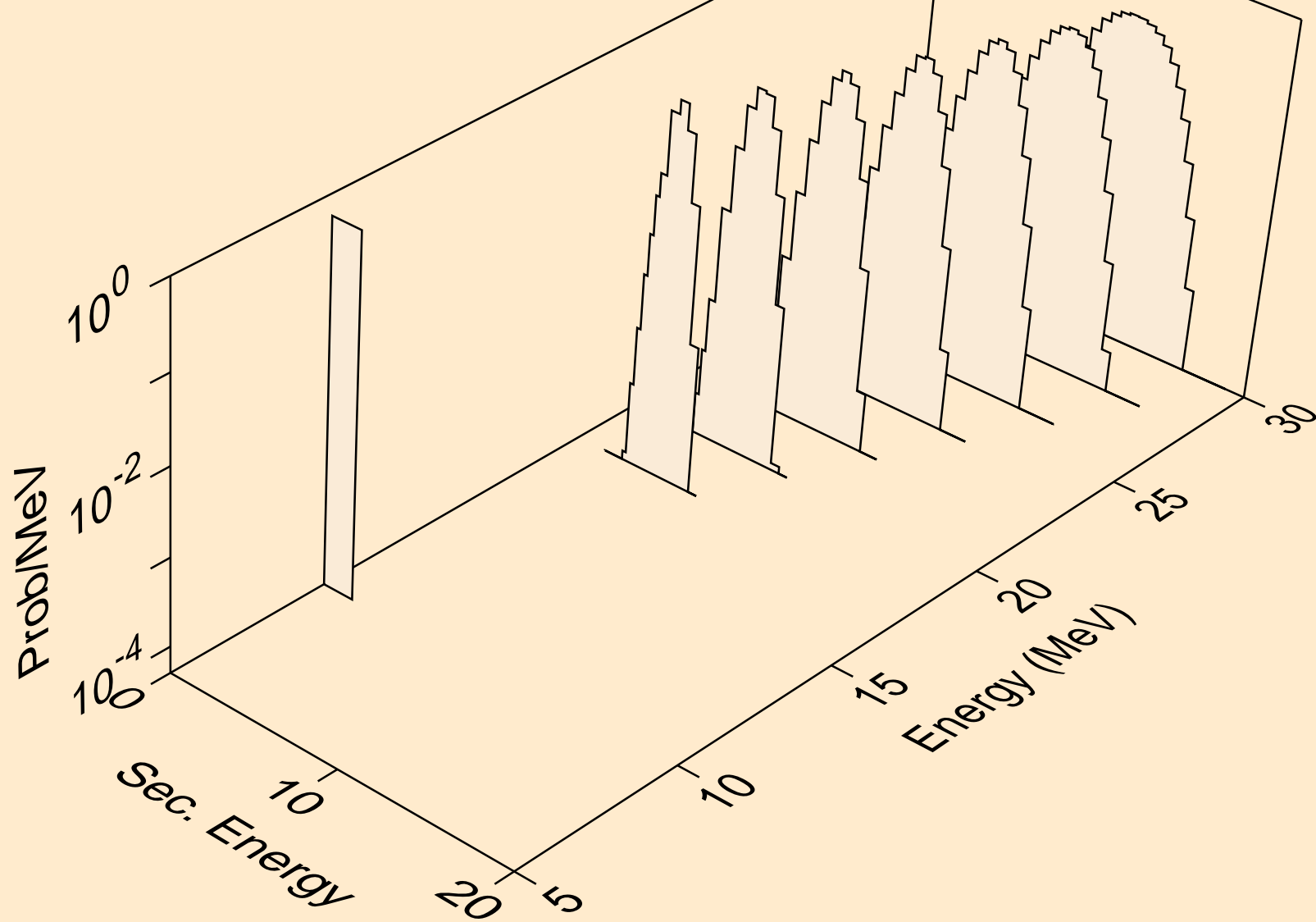


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tritons from (n,t)

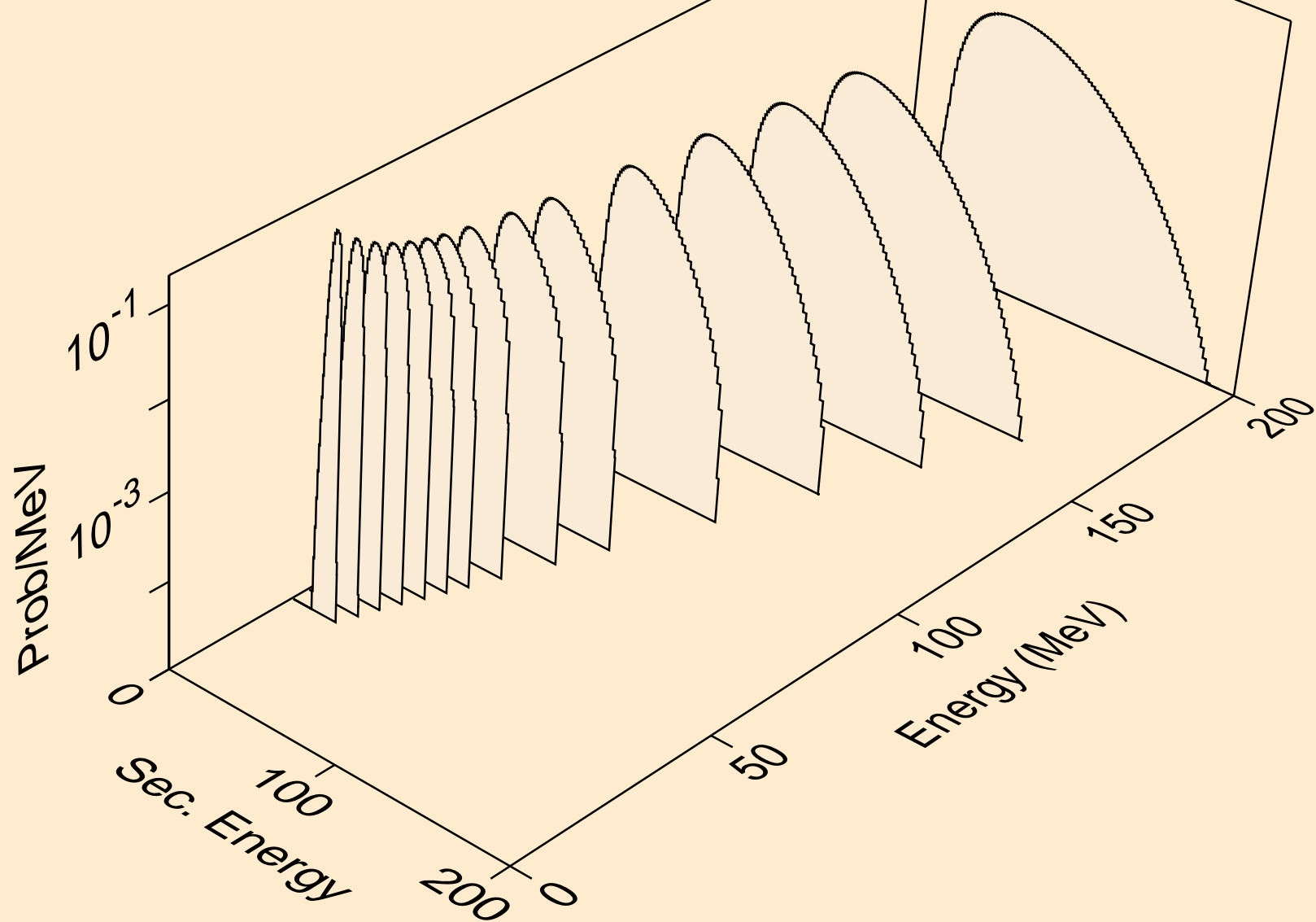




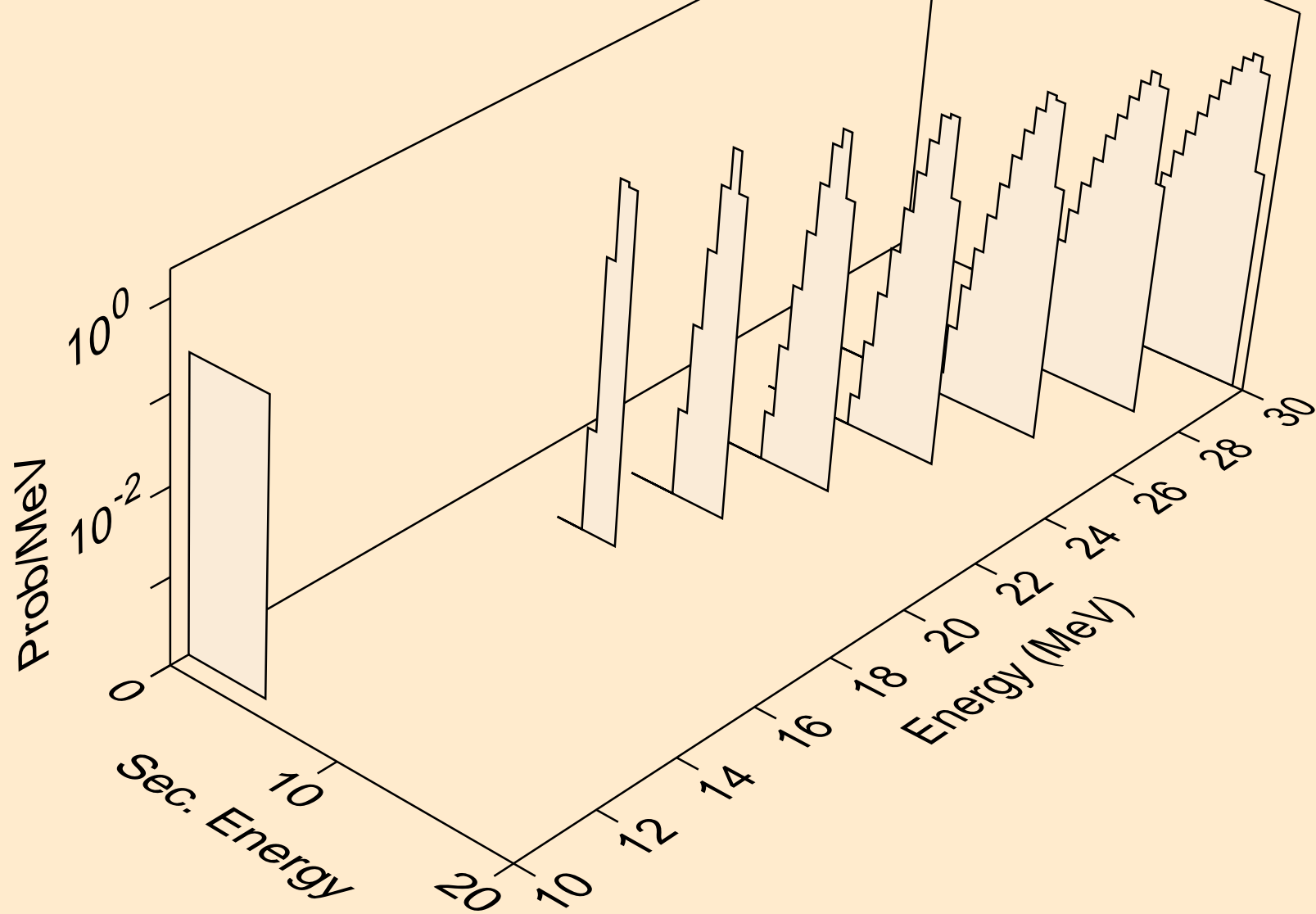
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tritons from (n,pt)



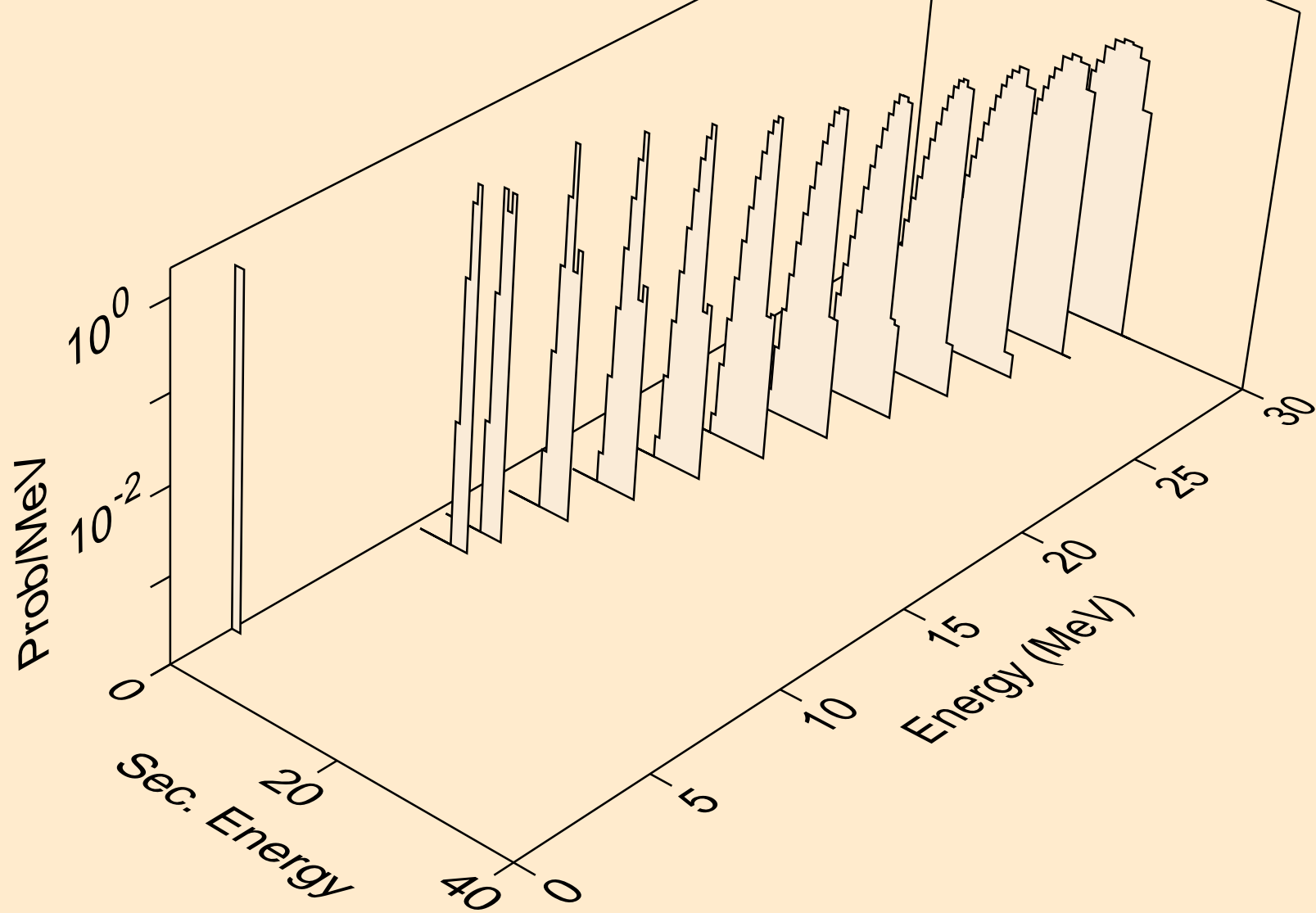
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he3s from (n,x)



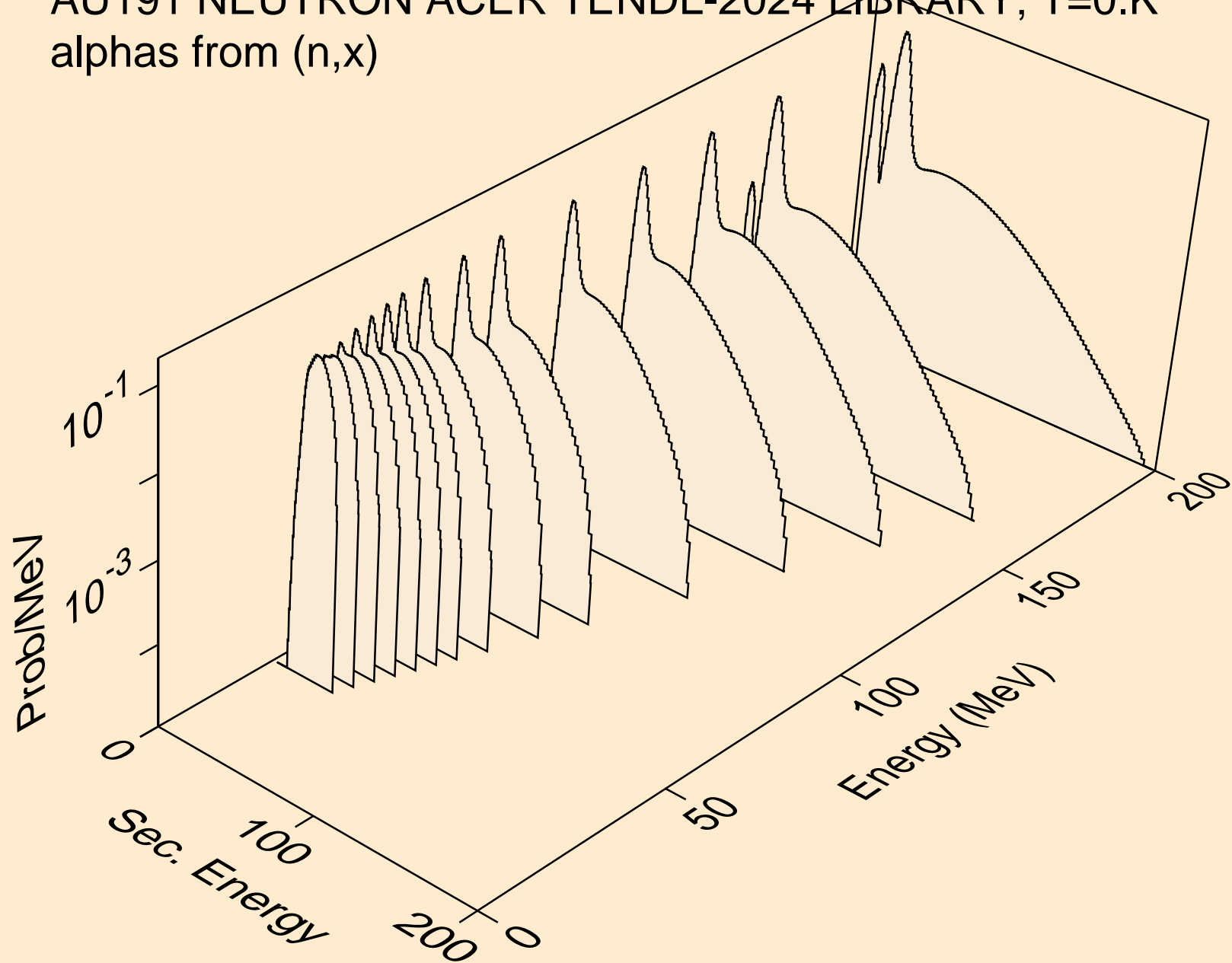
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he3s from (n,n\*)he3



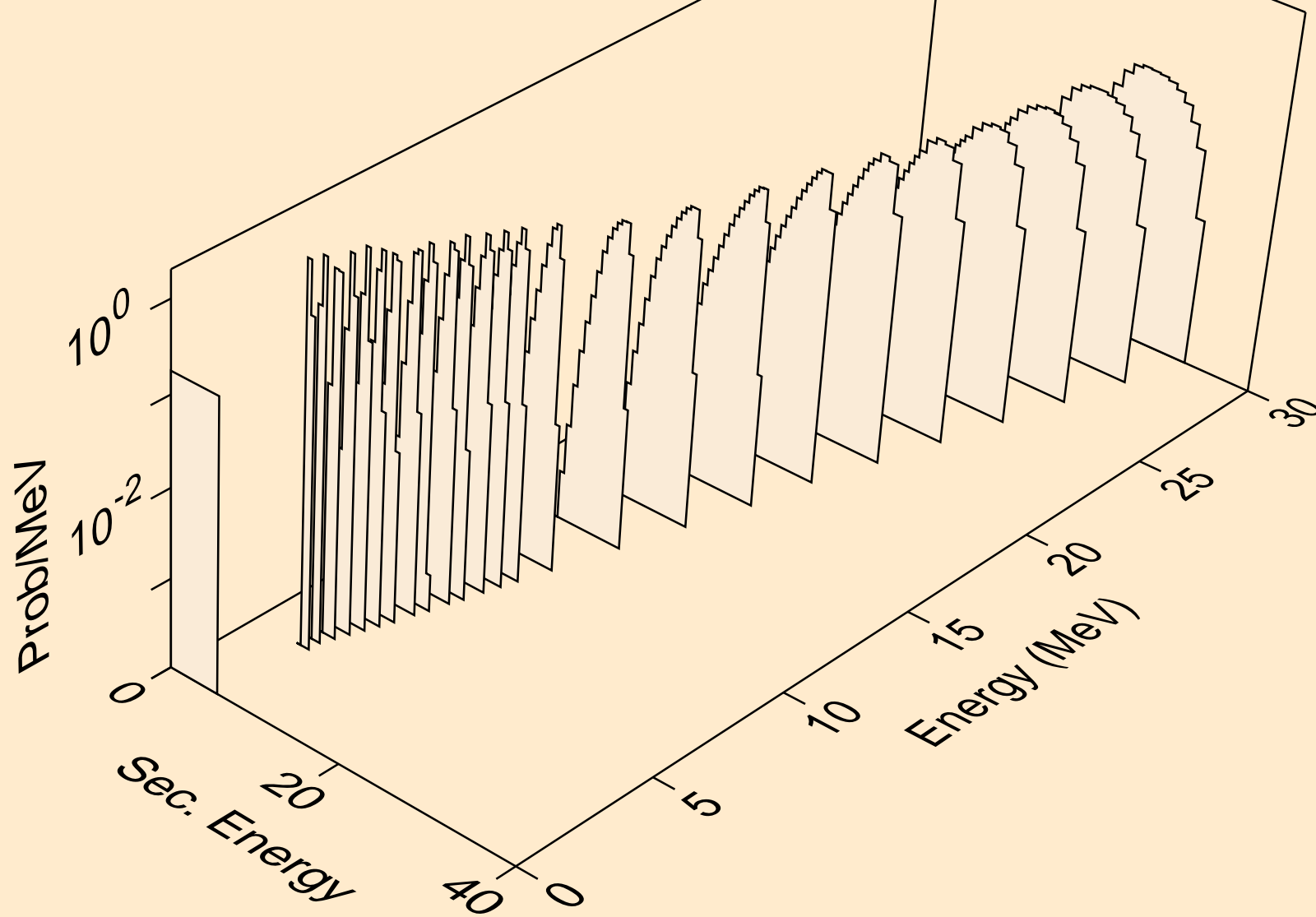
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he3s from (n,he3)



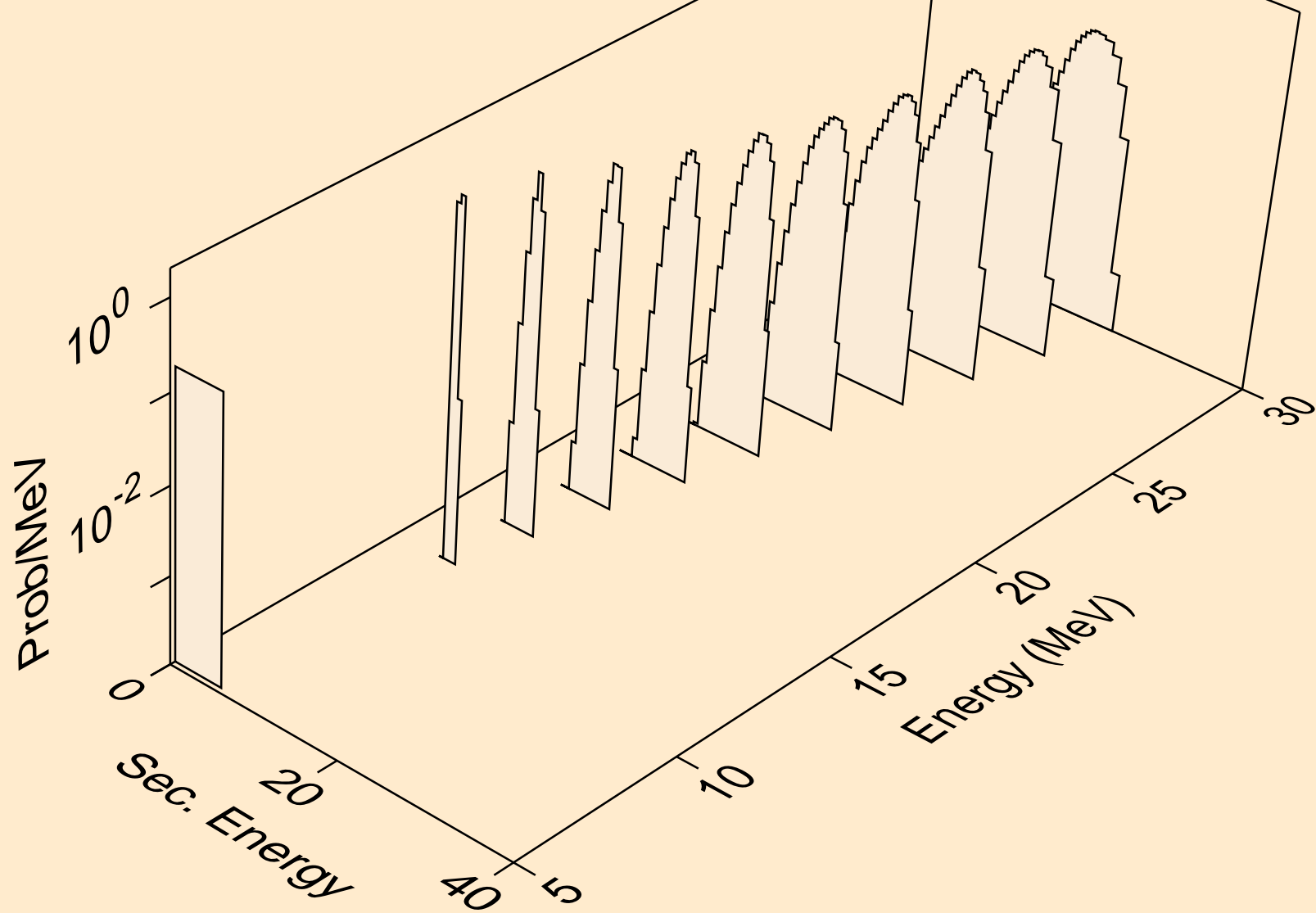
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



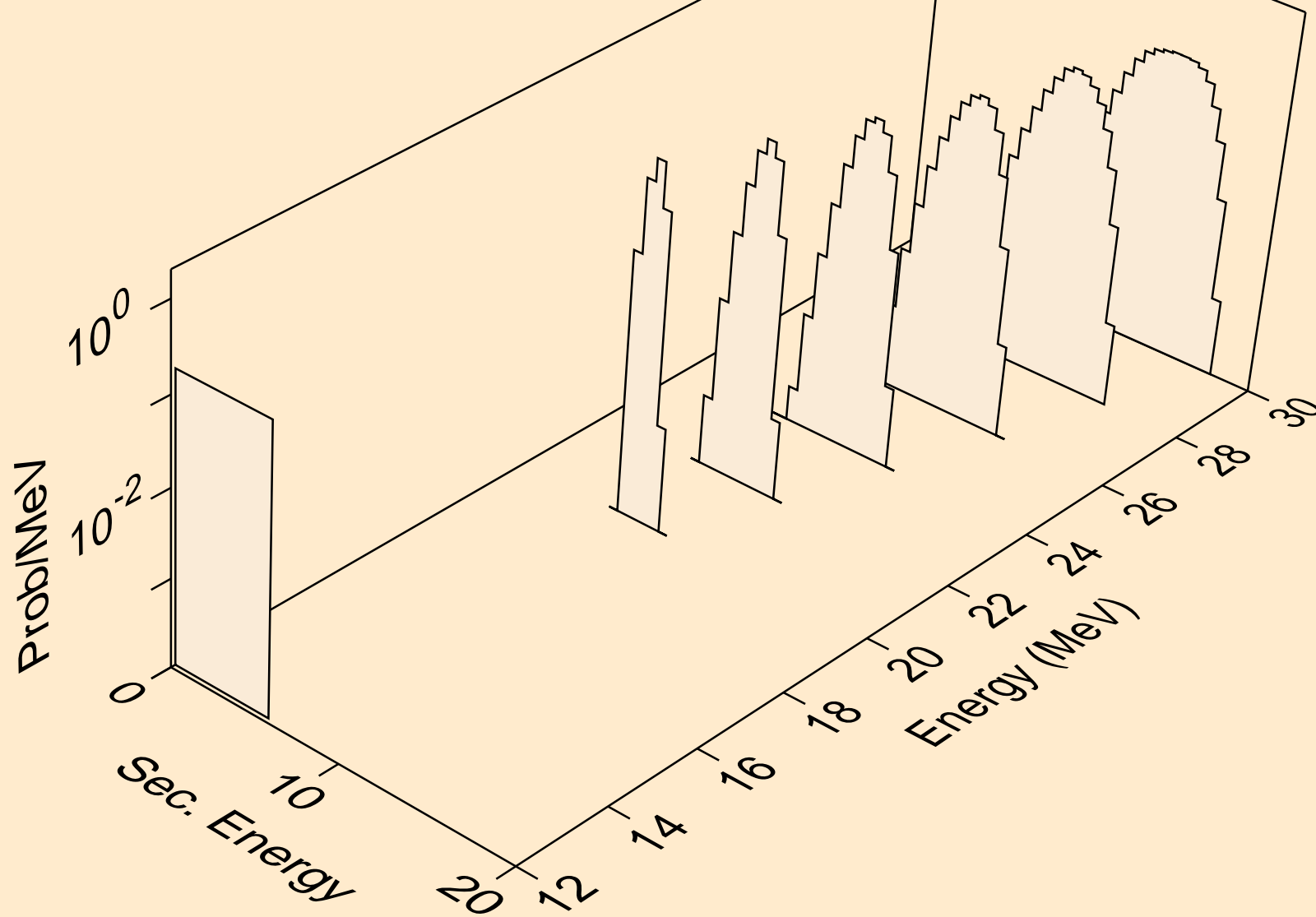
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

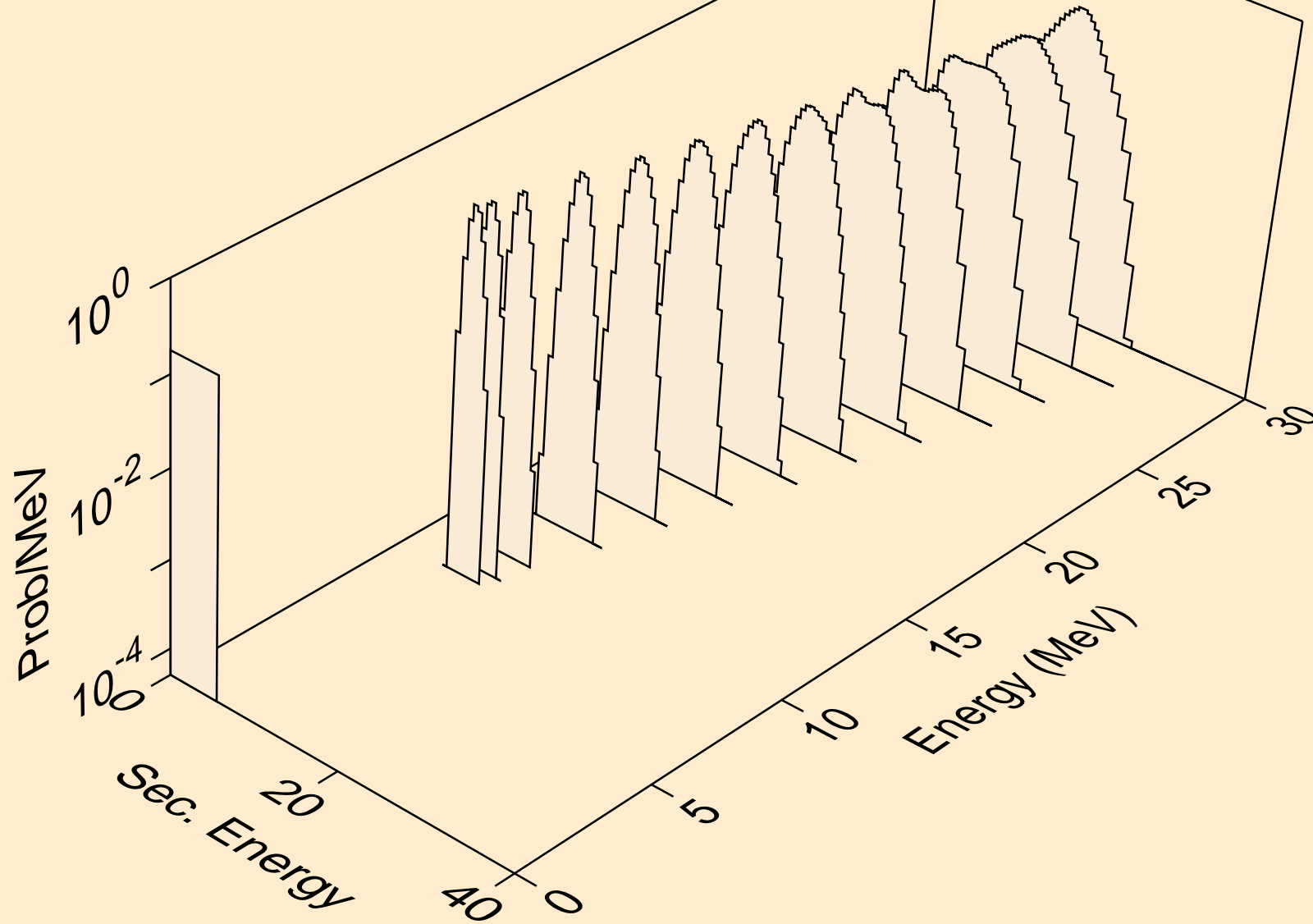


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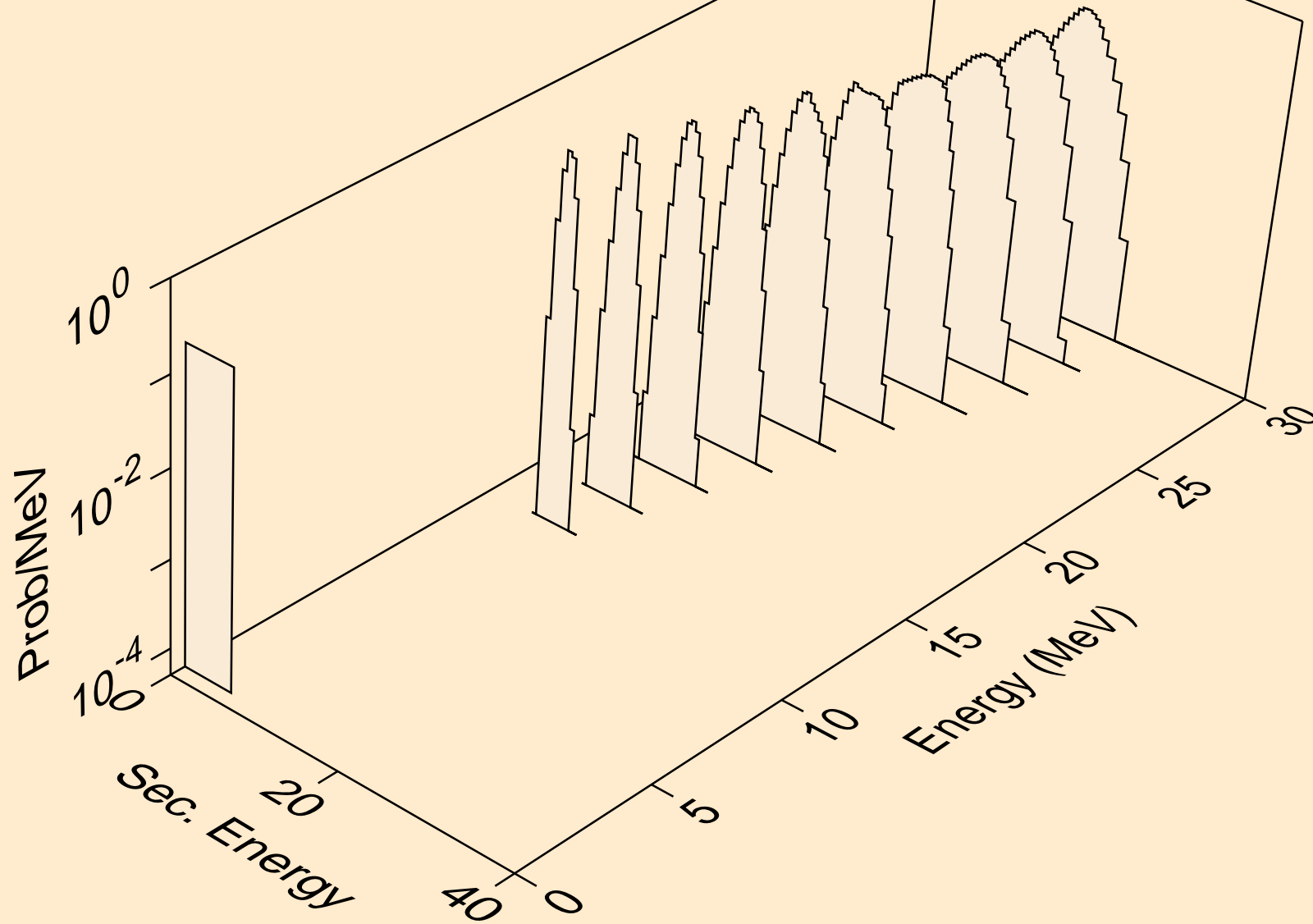




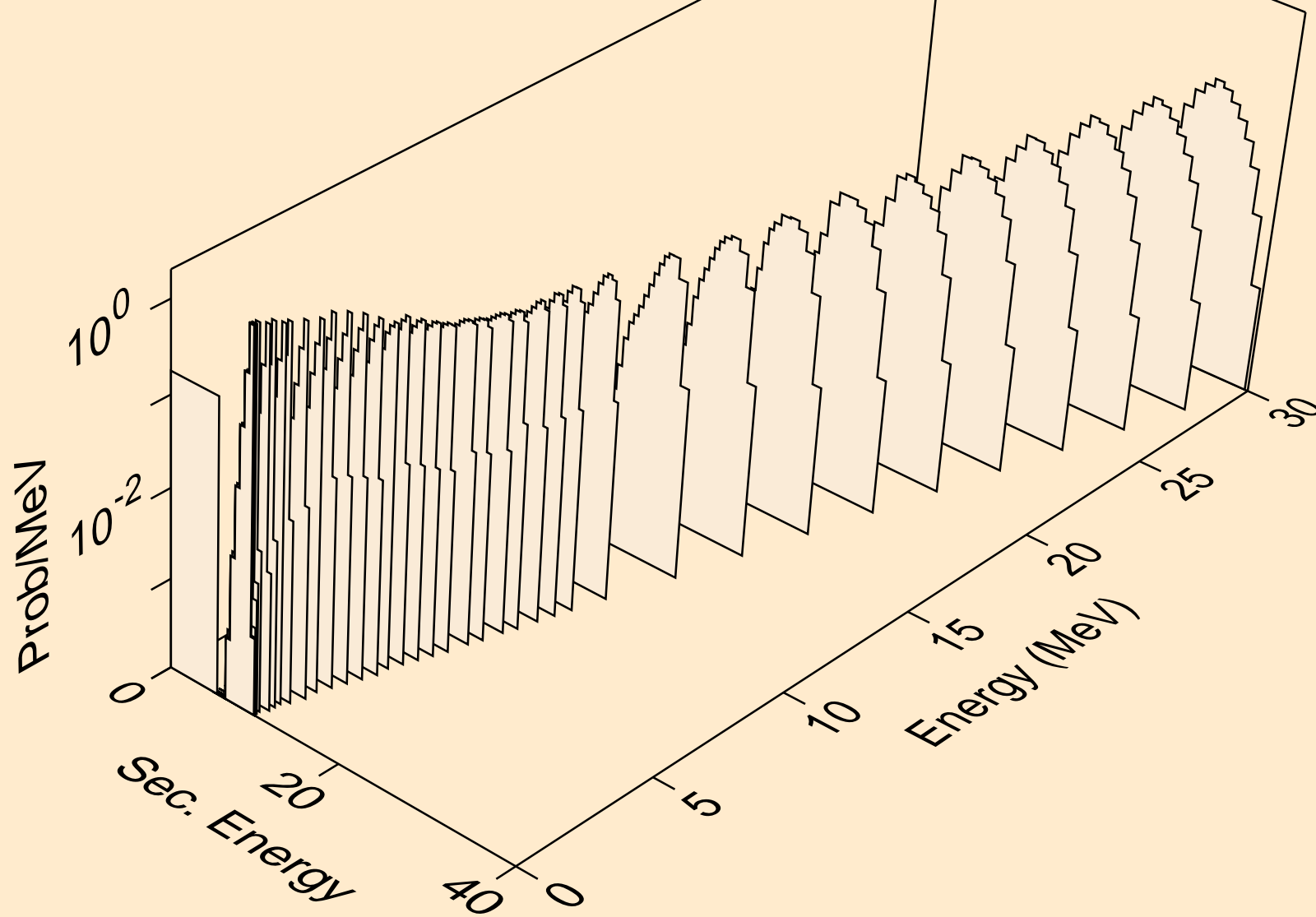
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



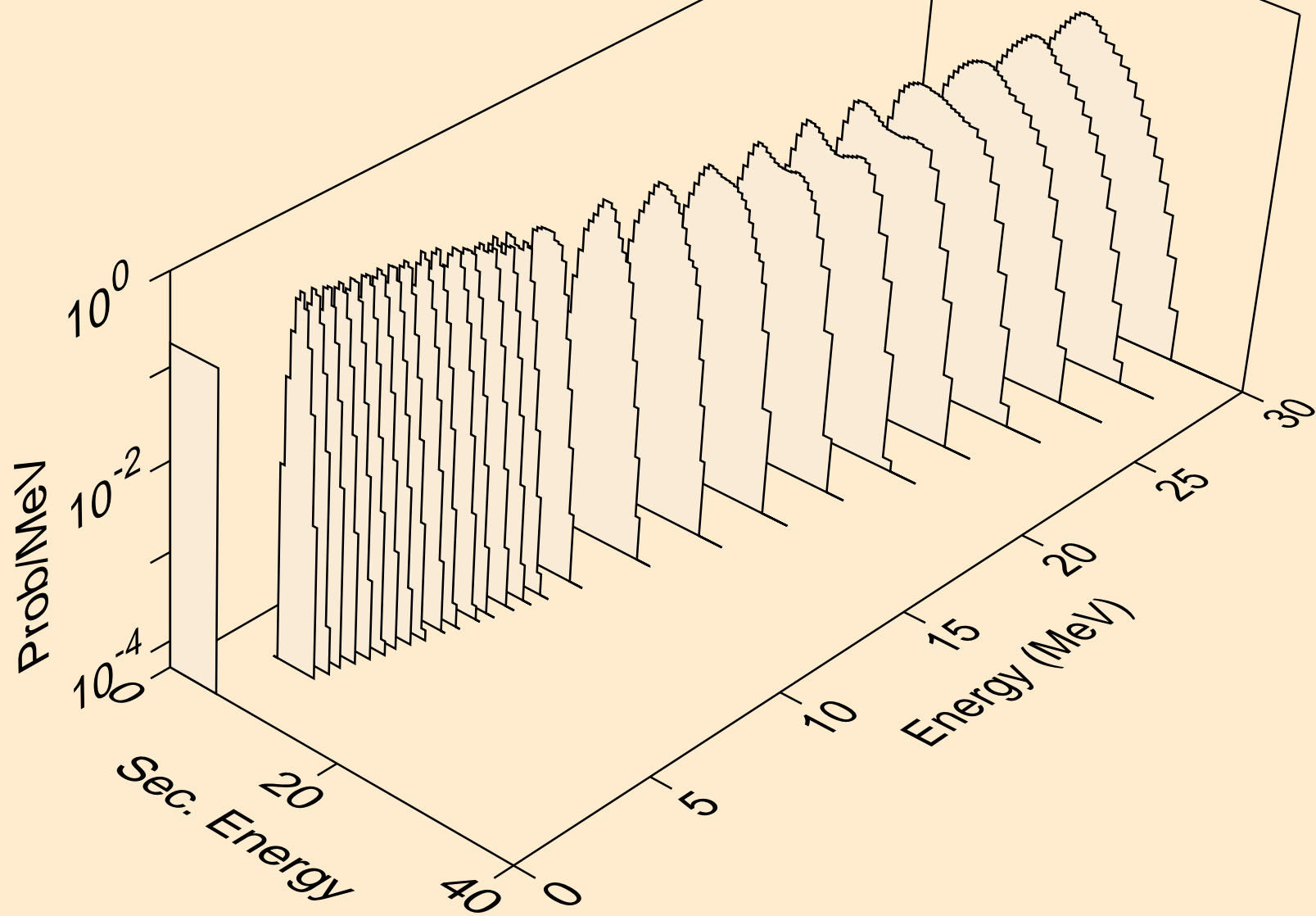
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



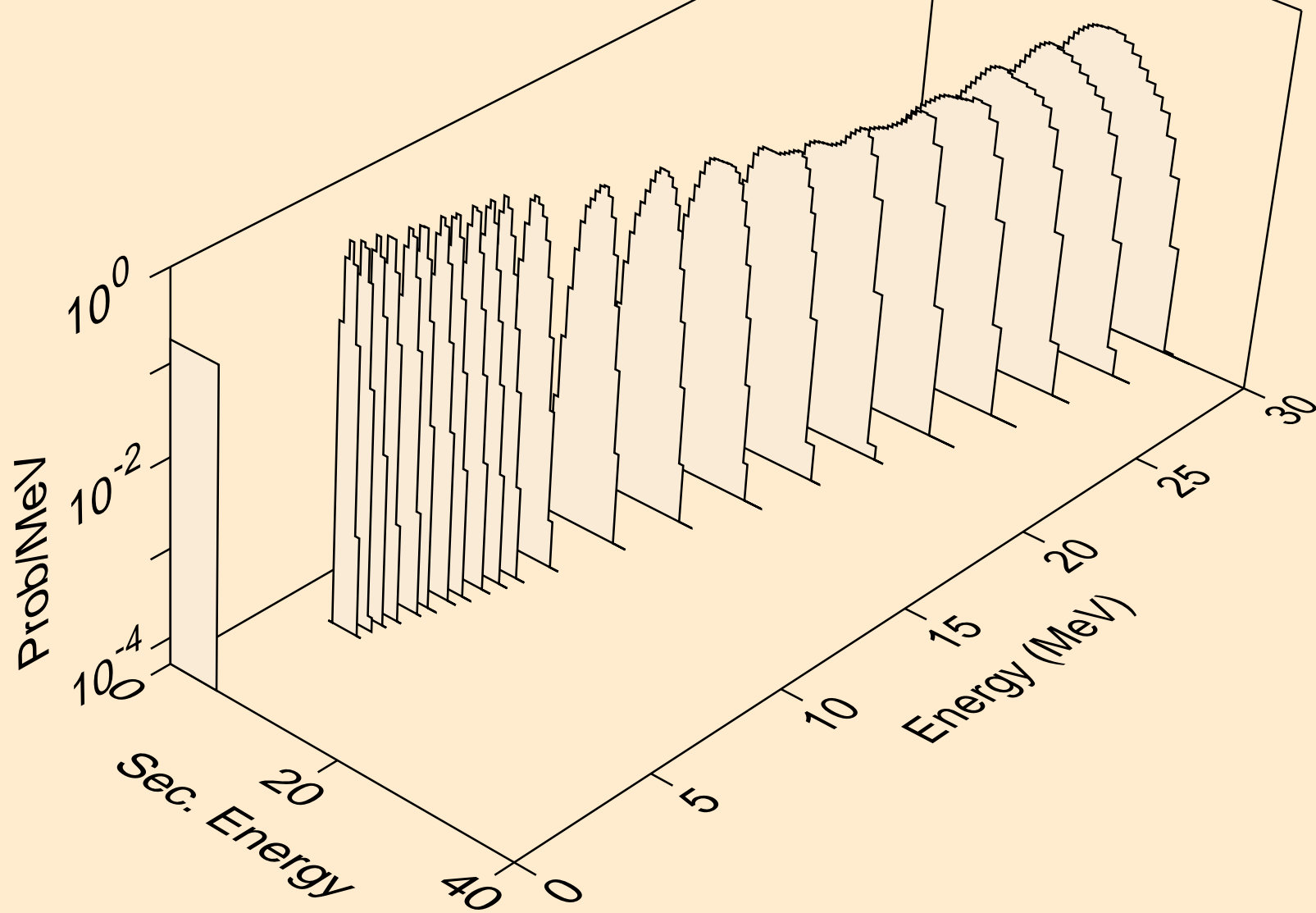
AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



AU191 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

