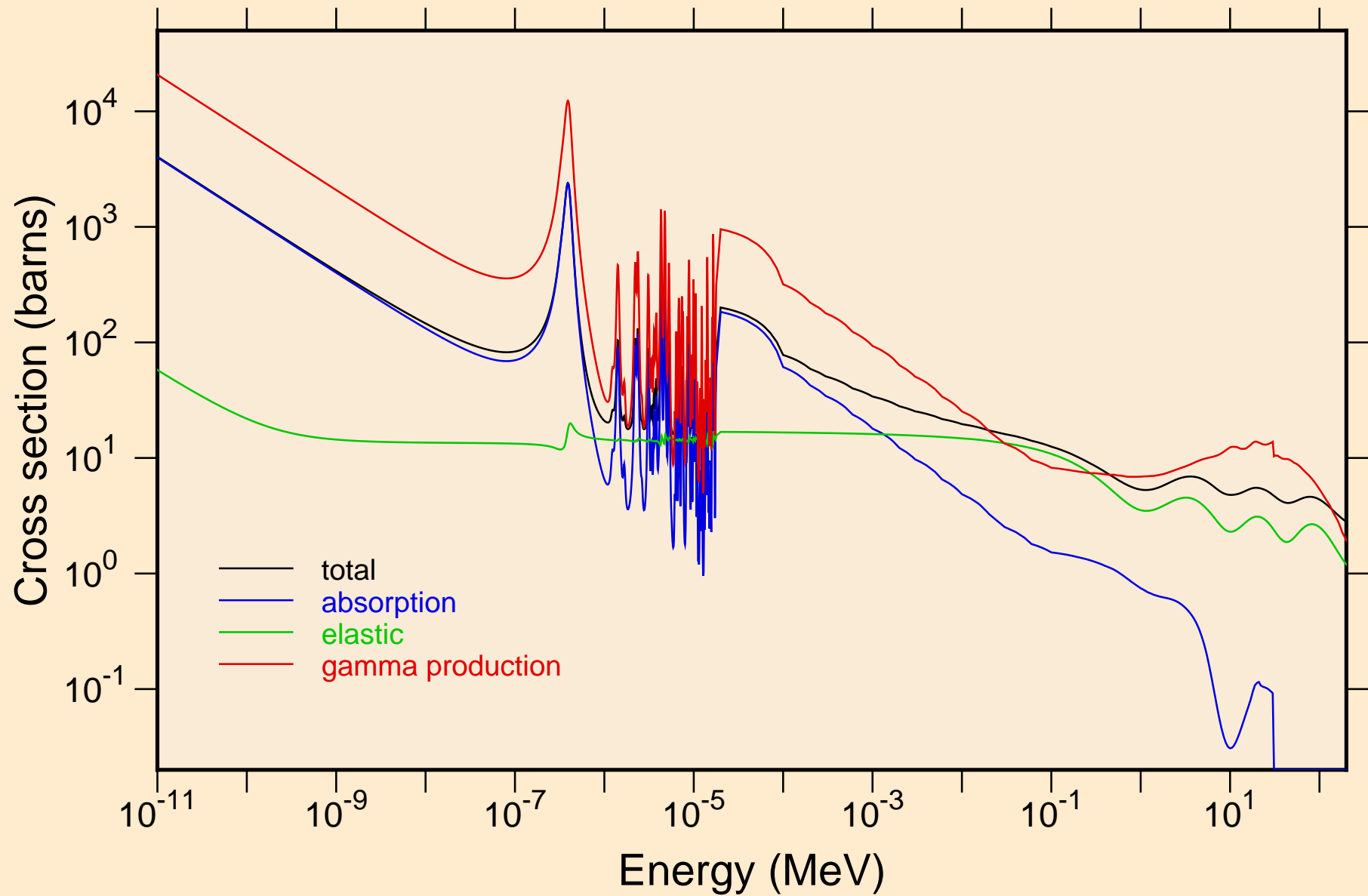
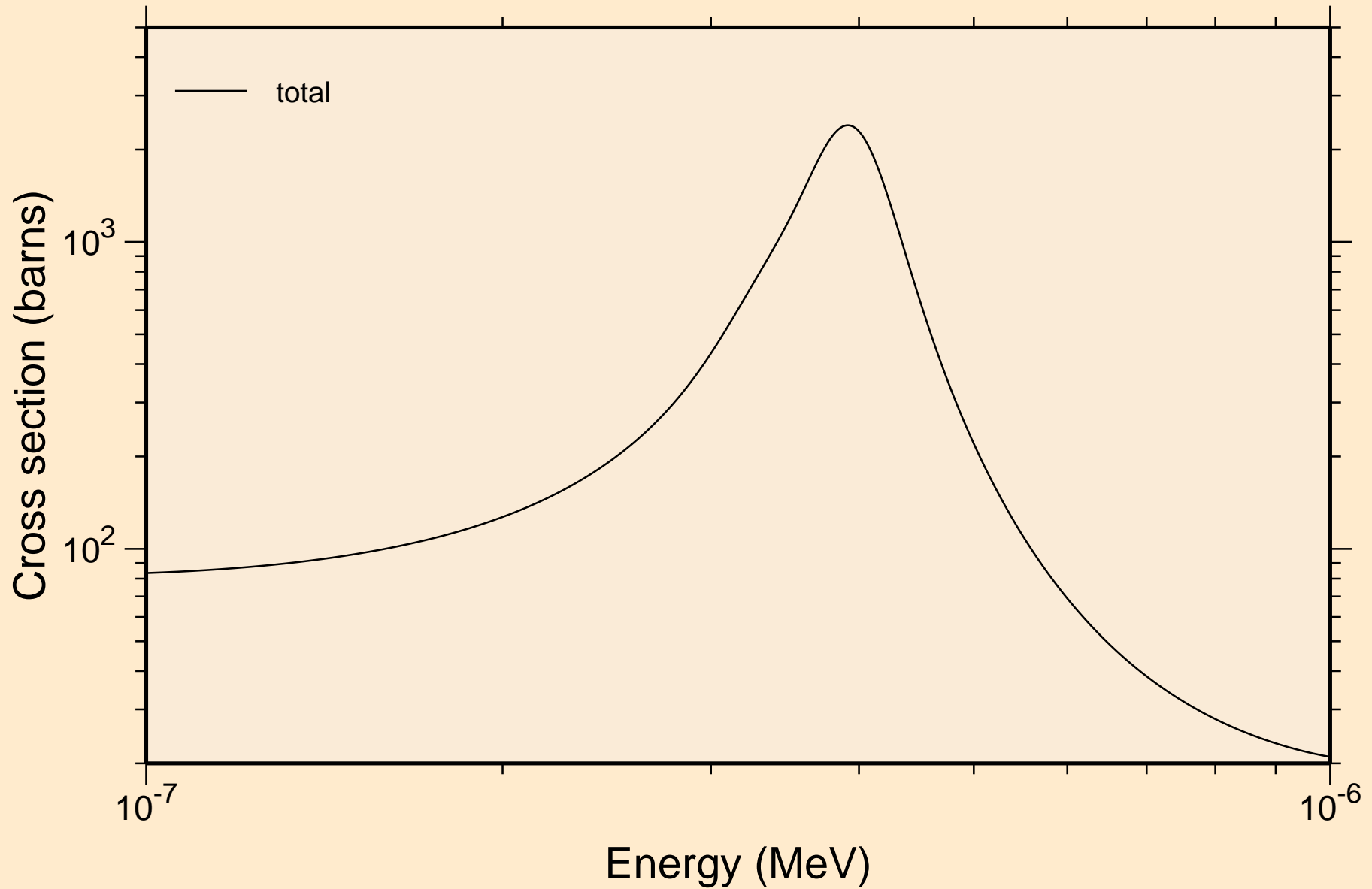


# AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

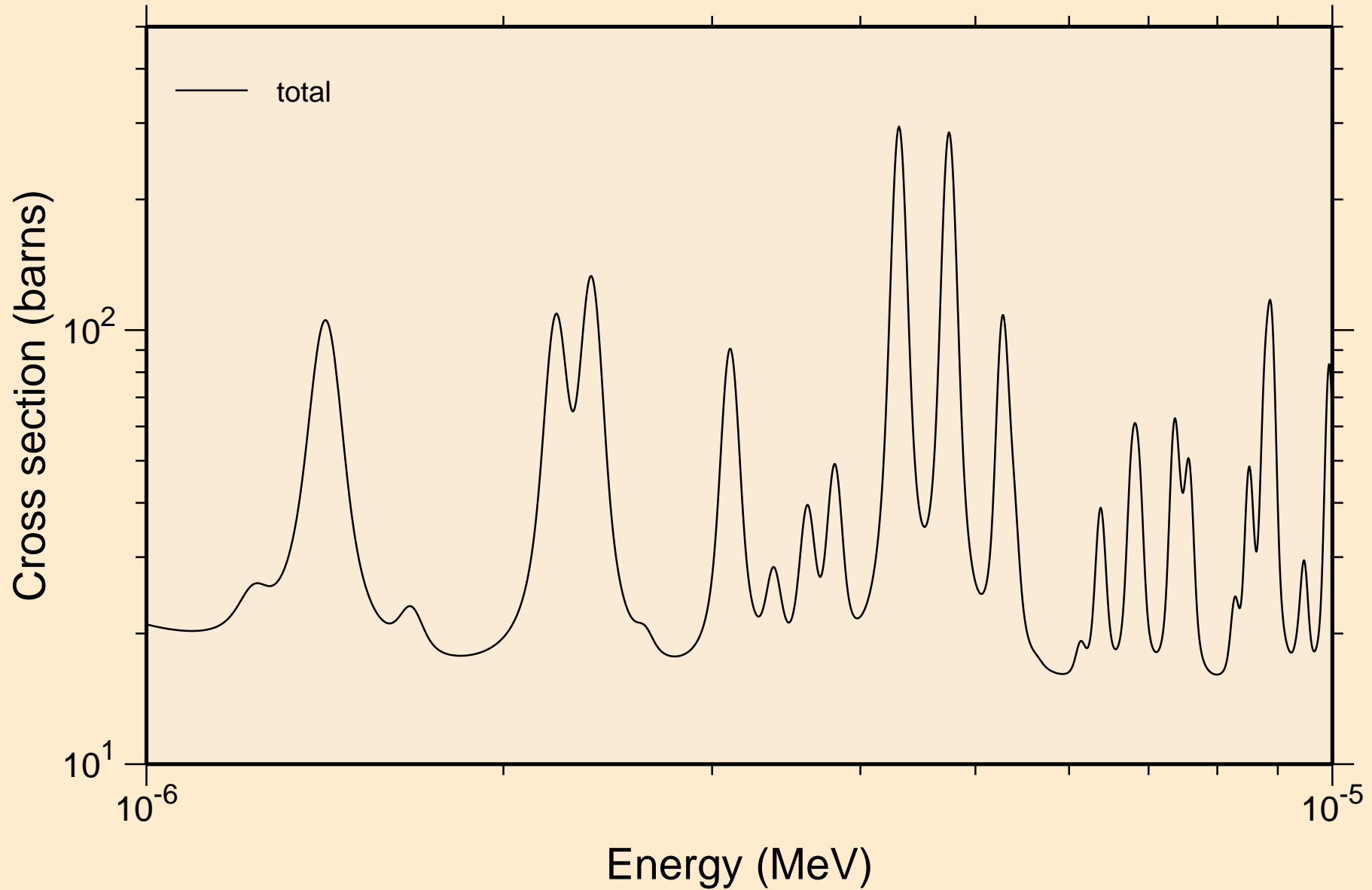
## Principal cross sections



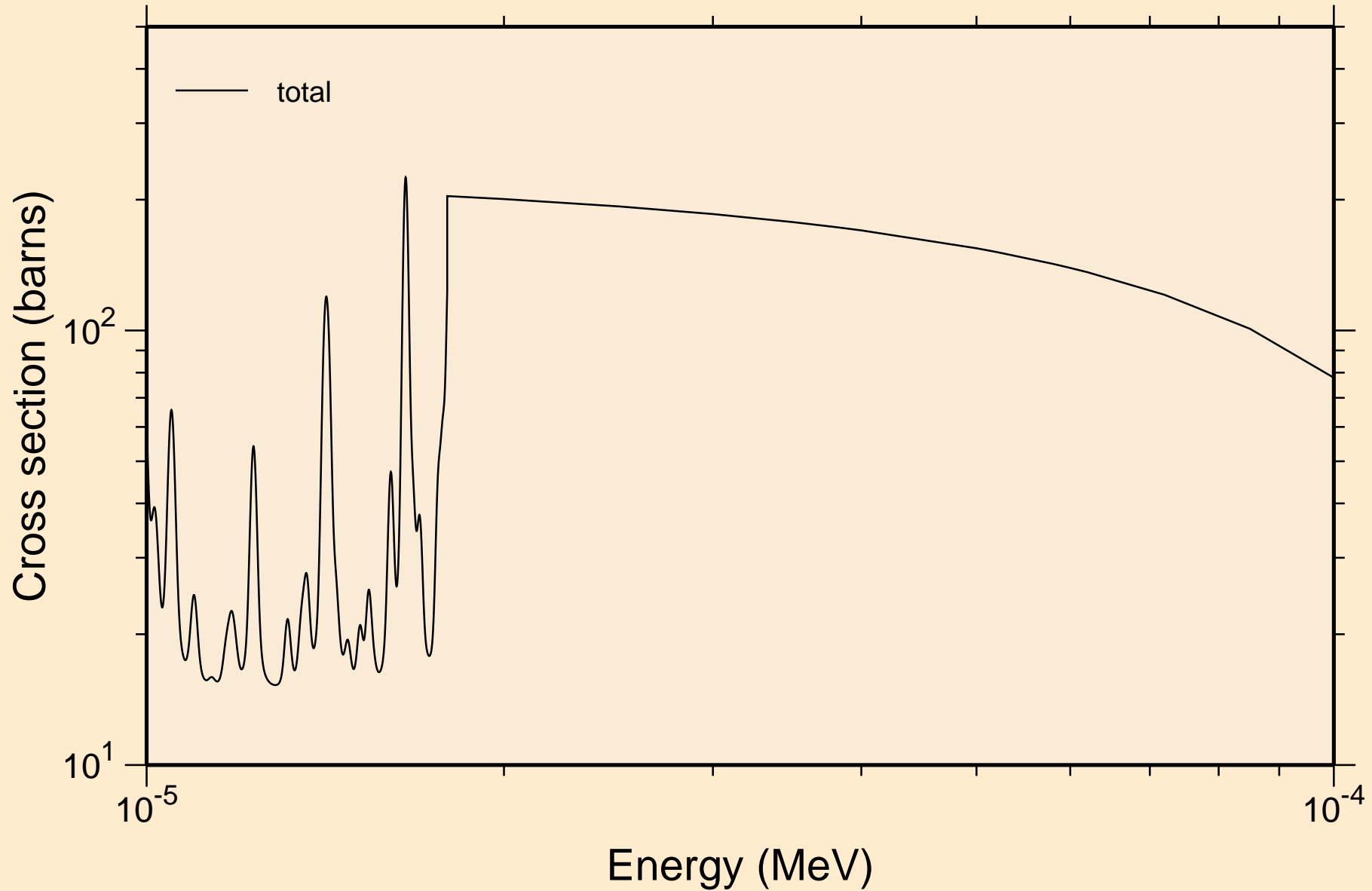
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



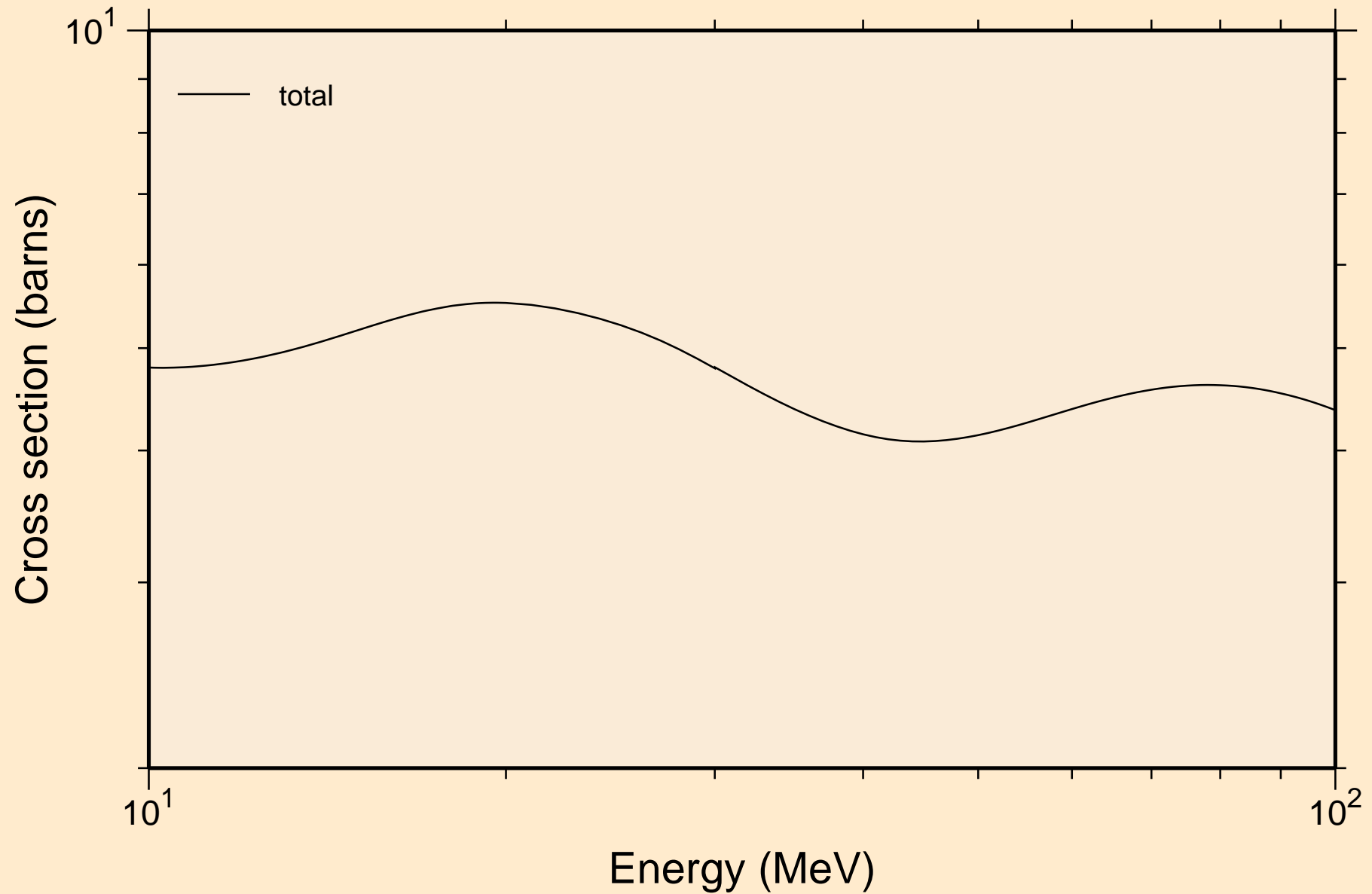
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



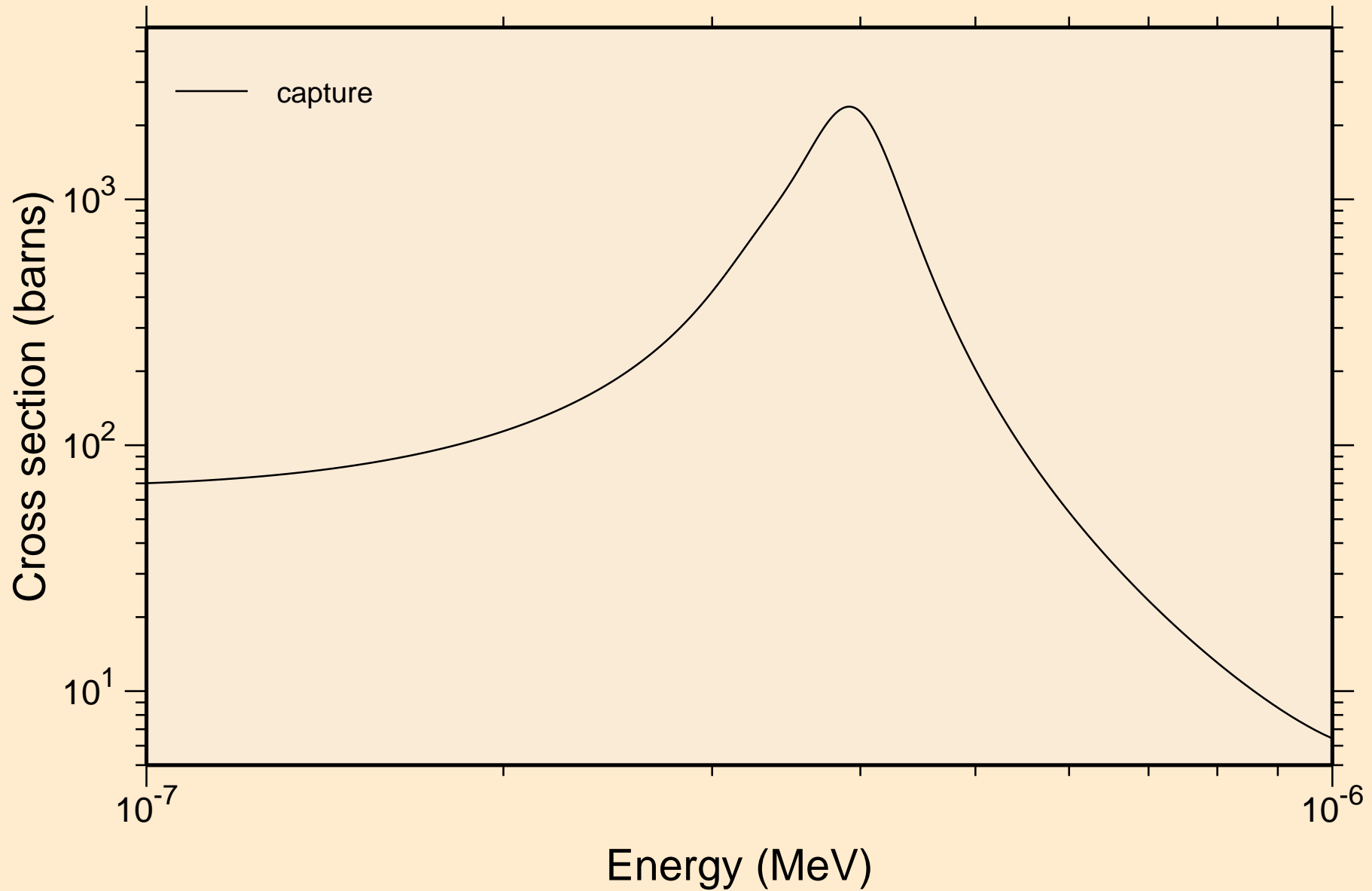
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



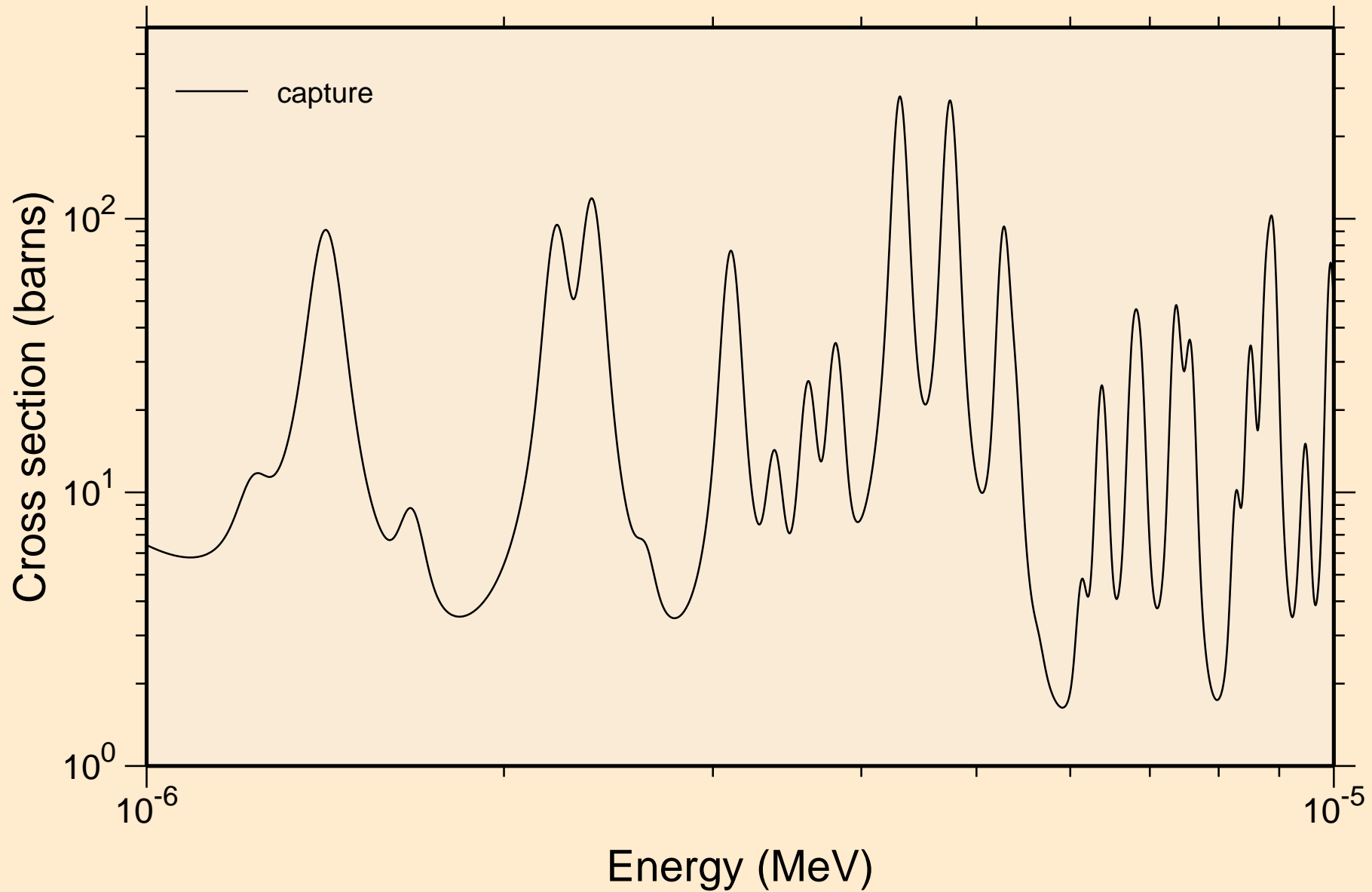
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



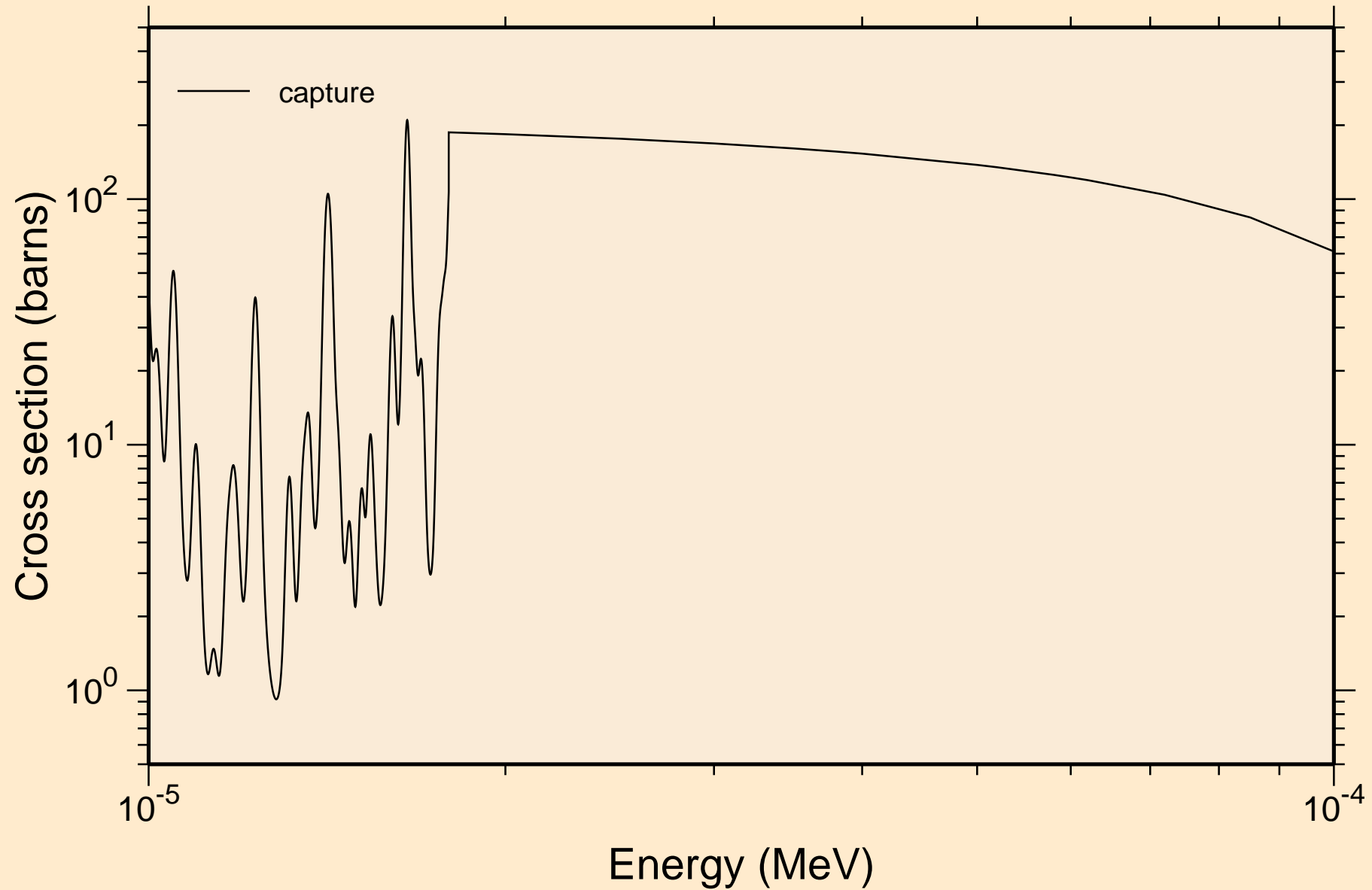
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

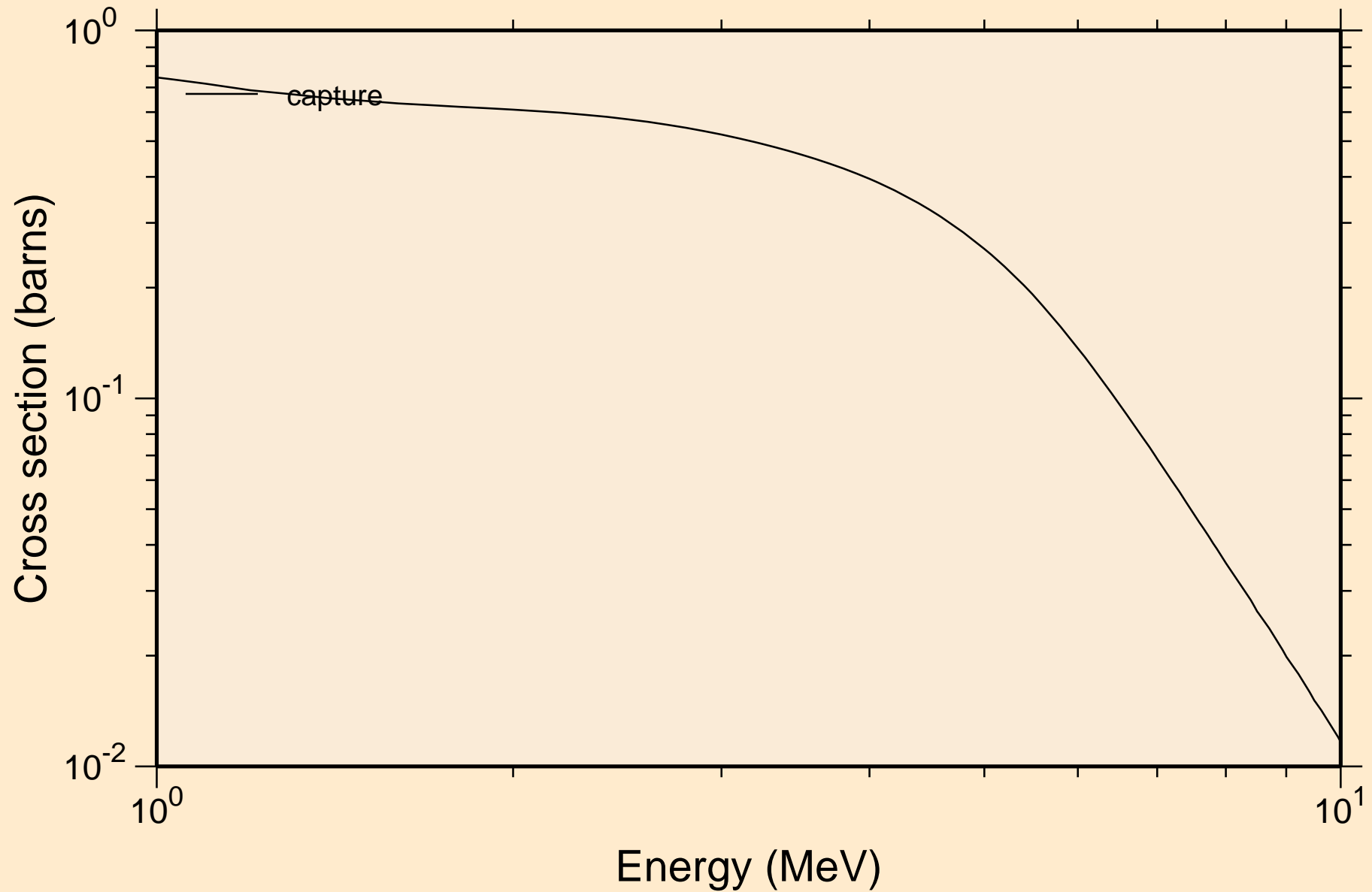


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

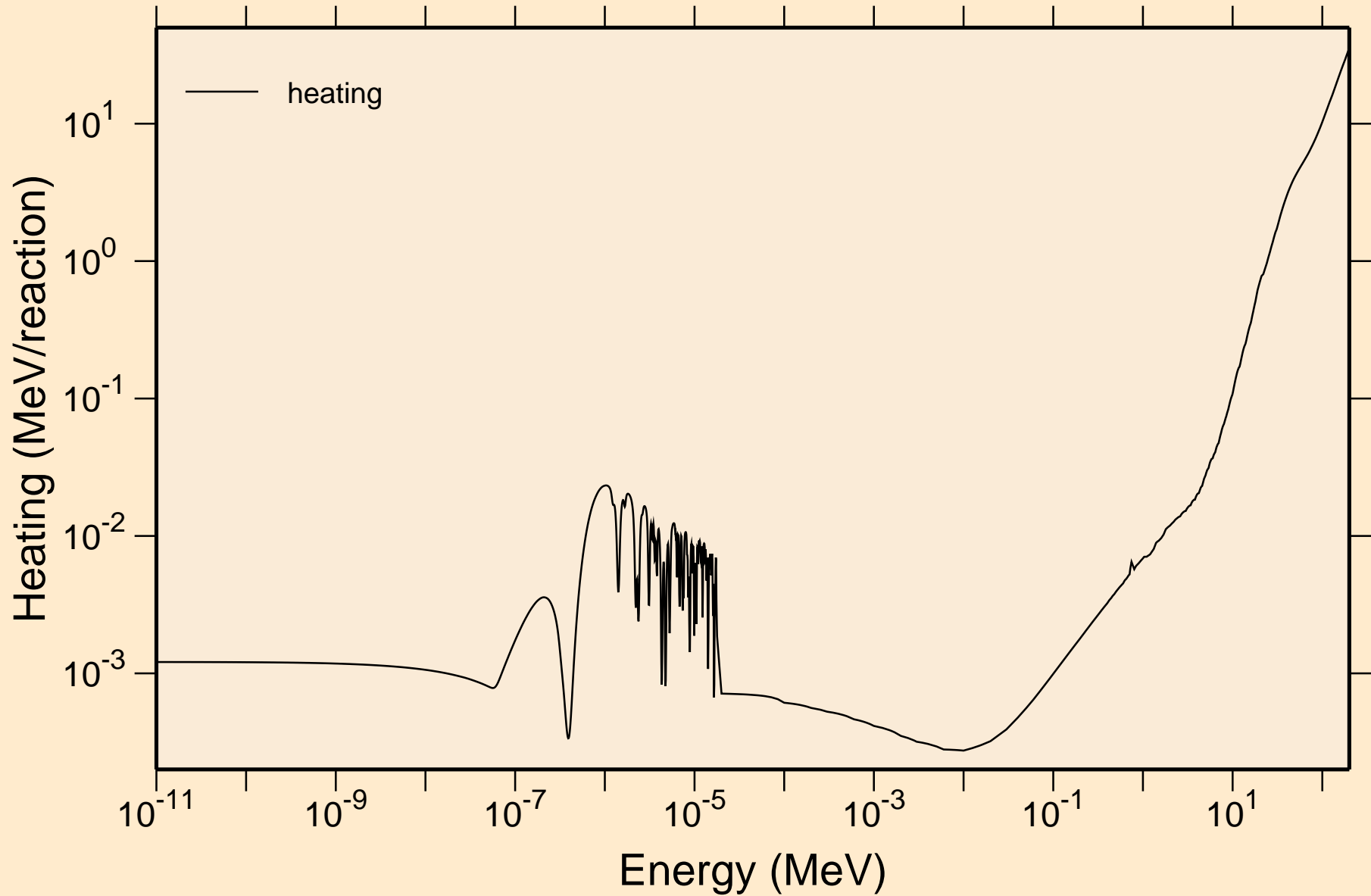




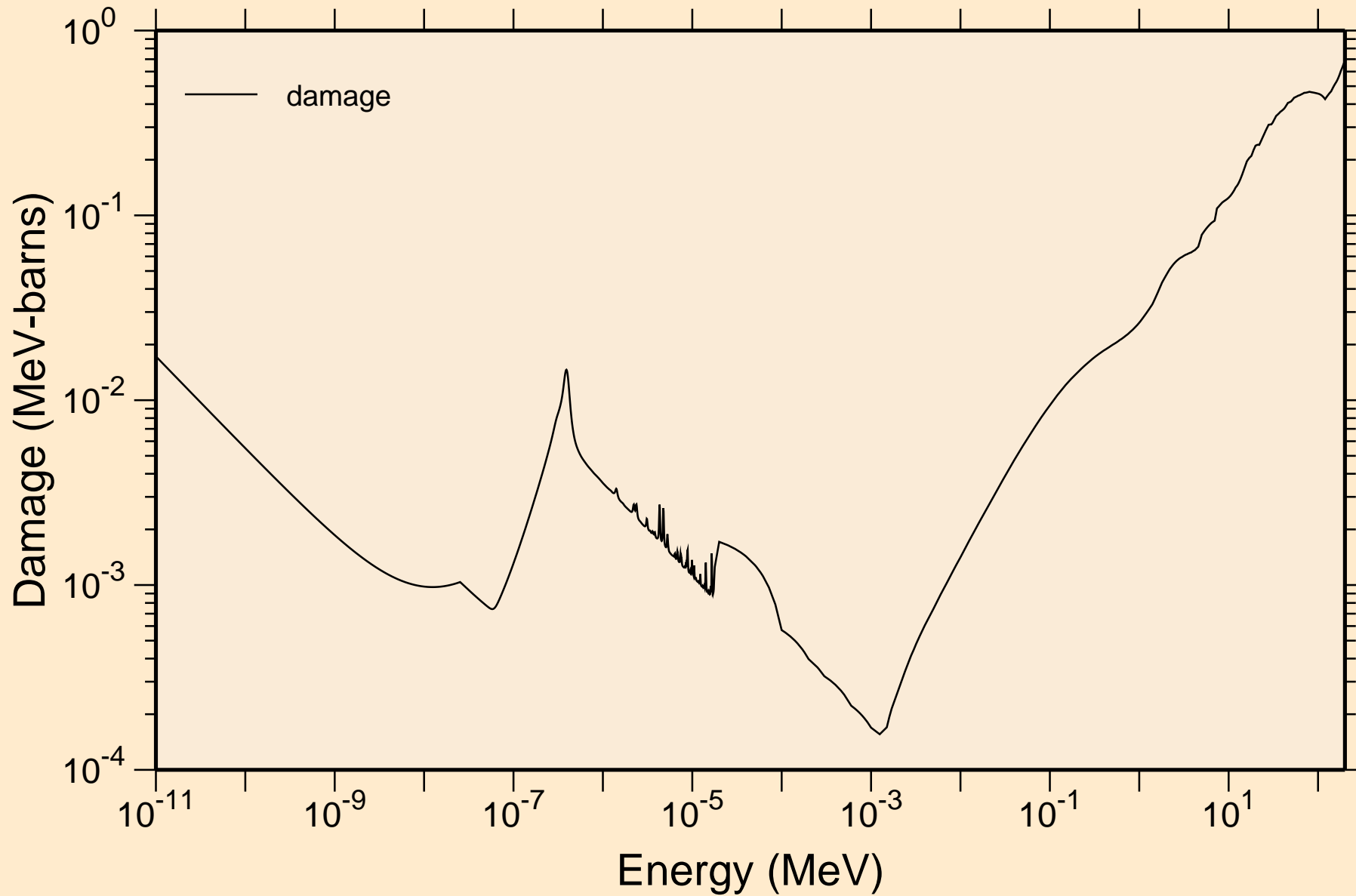
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



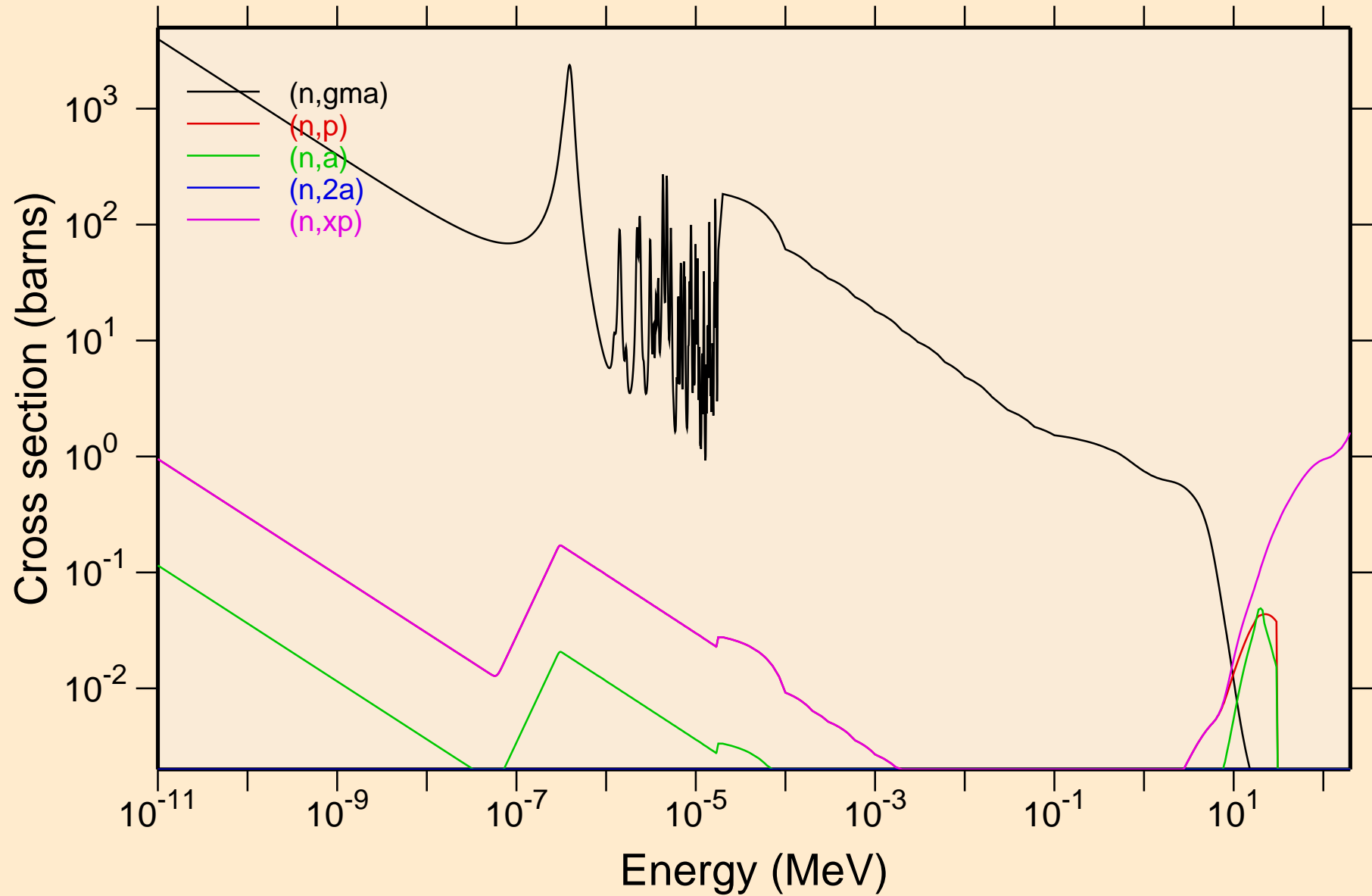
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



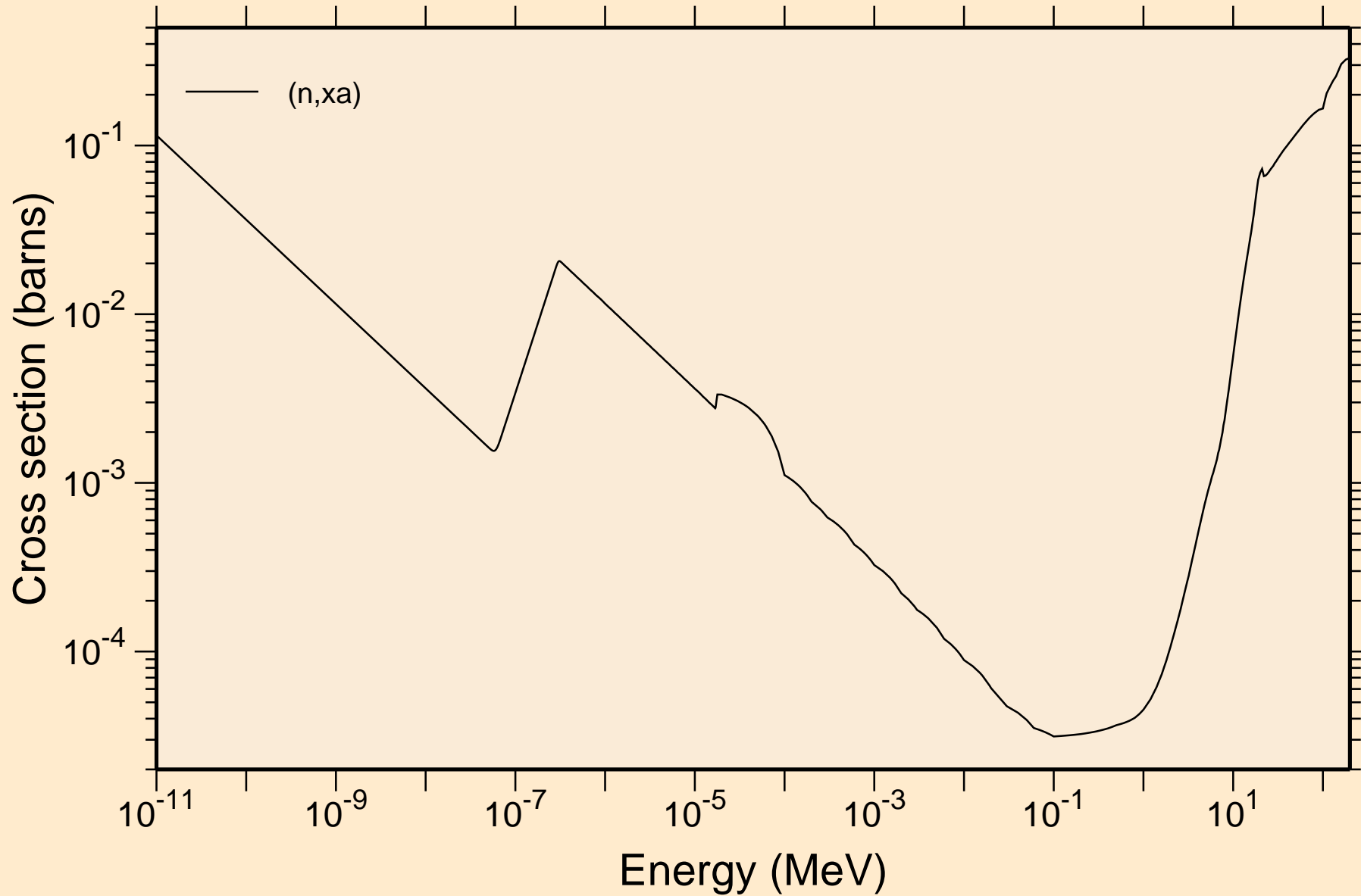
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



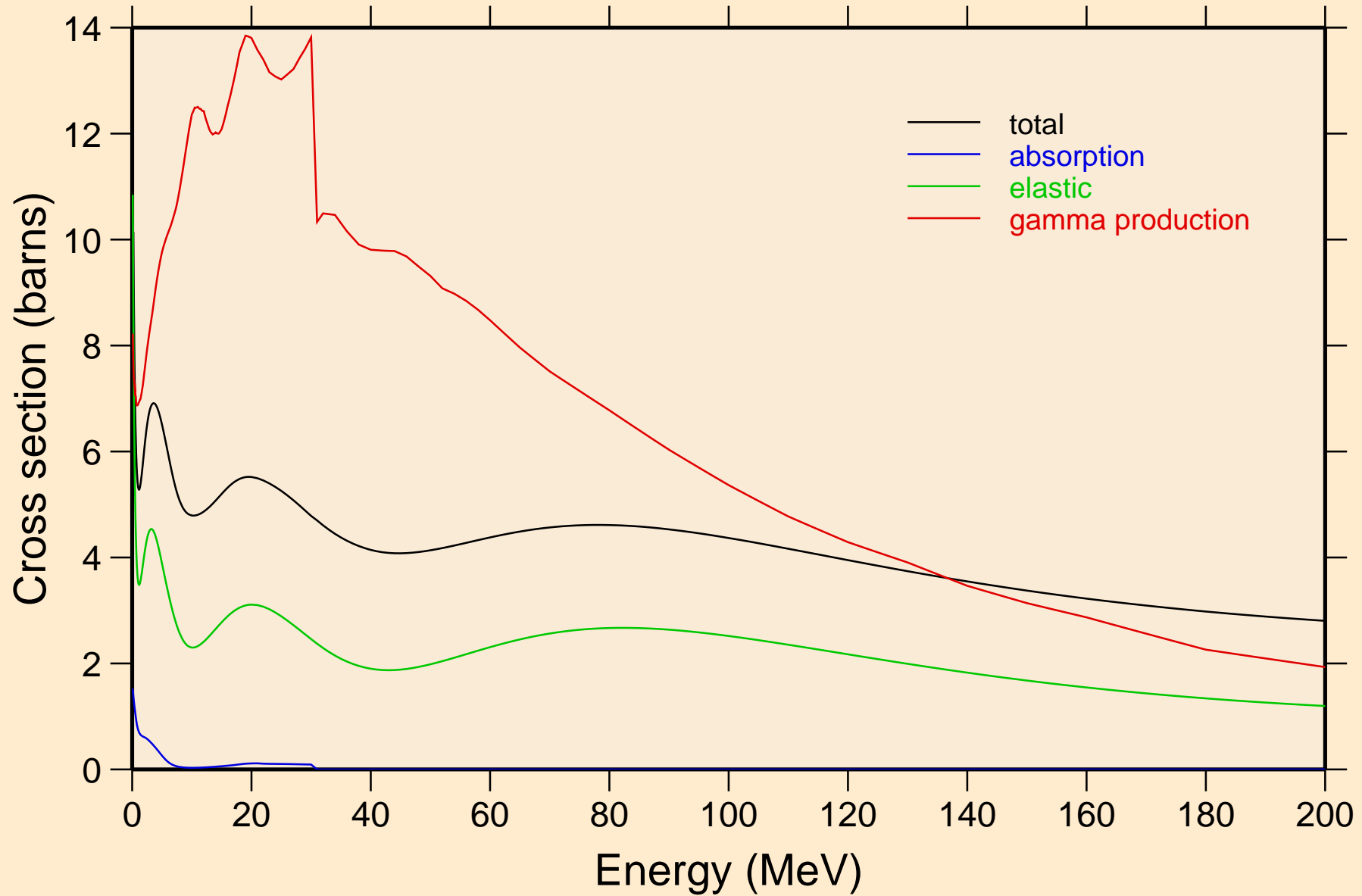
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

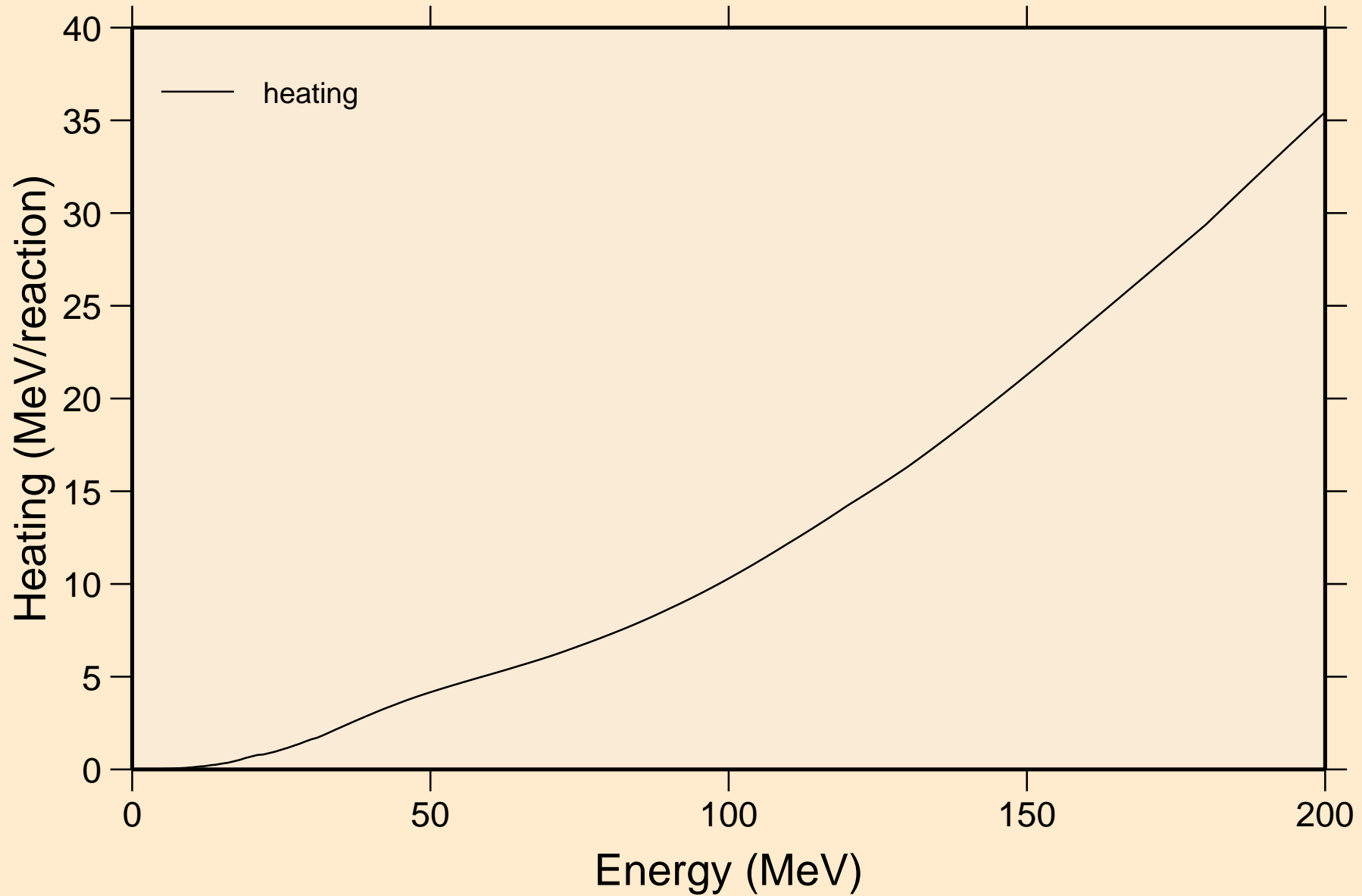


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

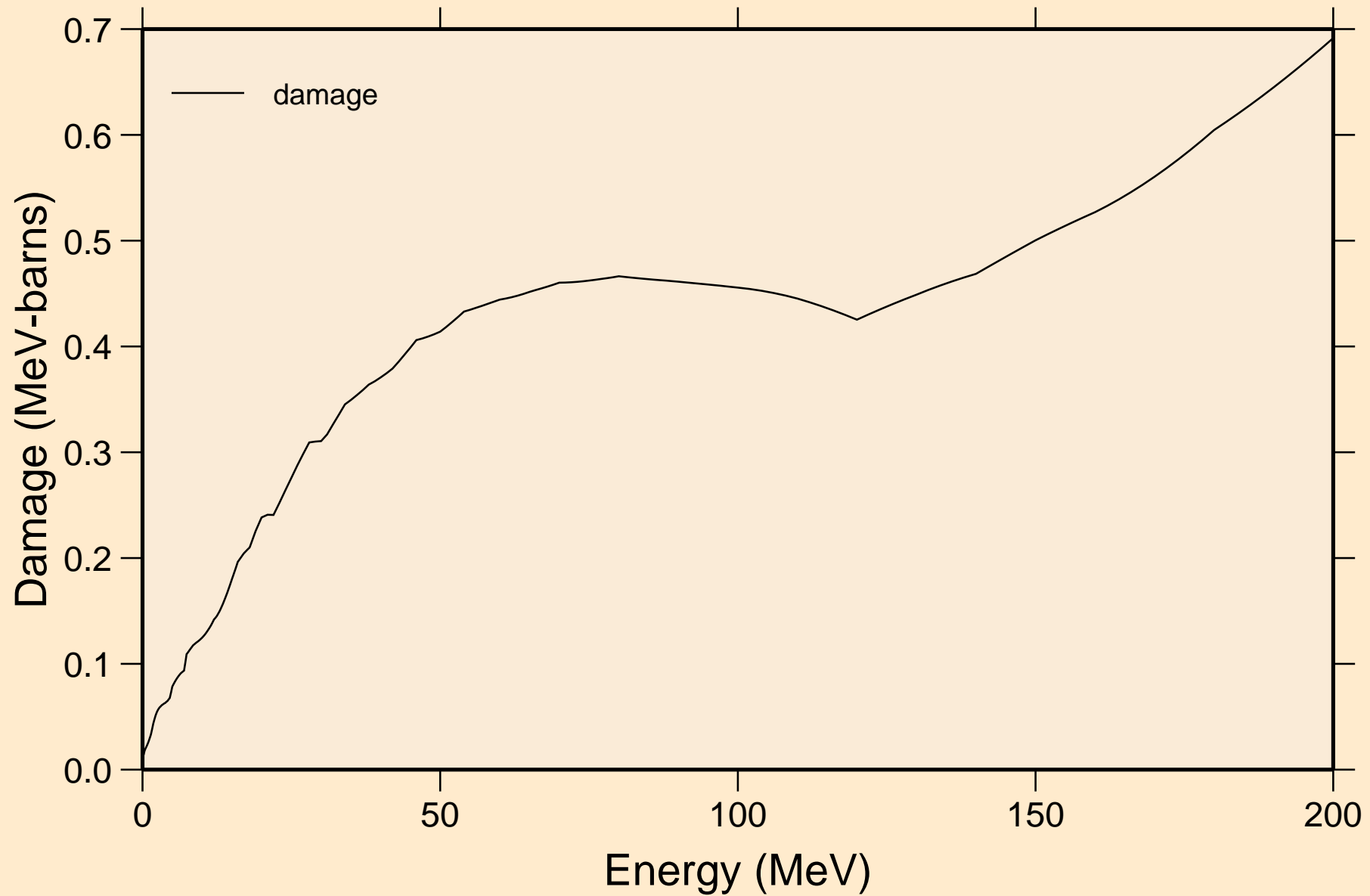


# AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

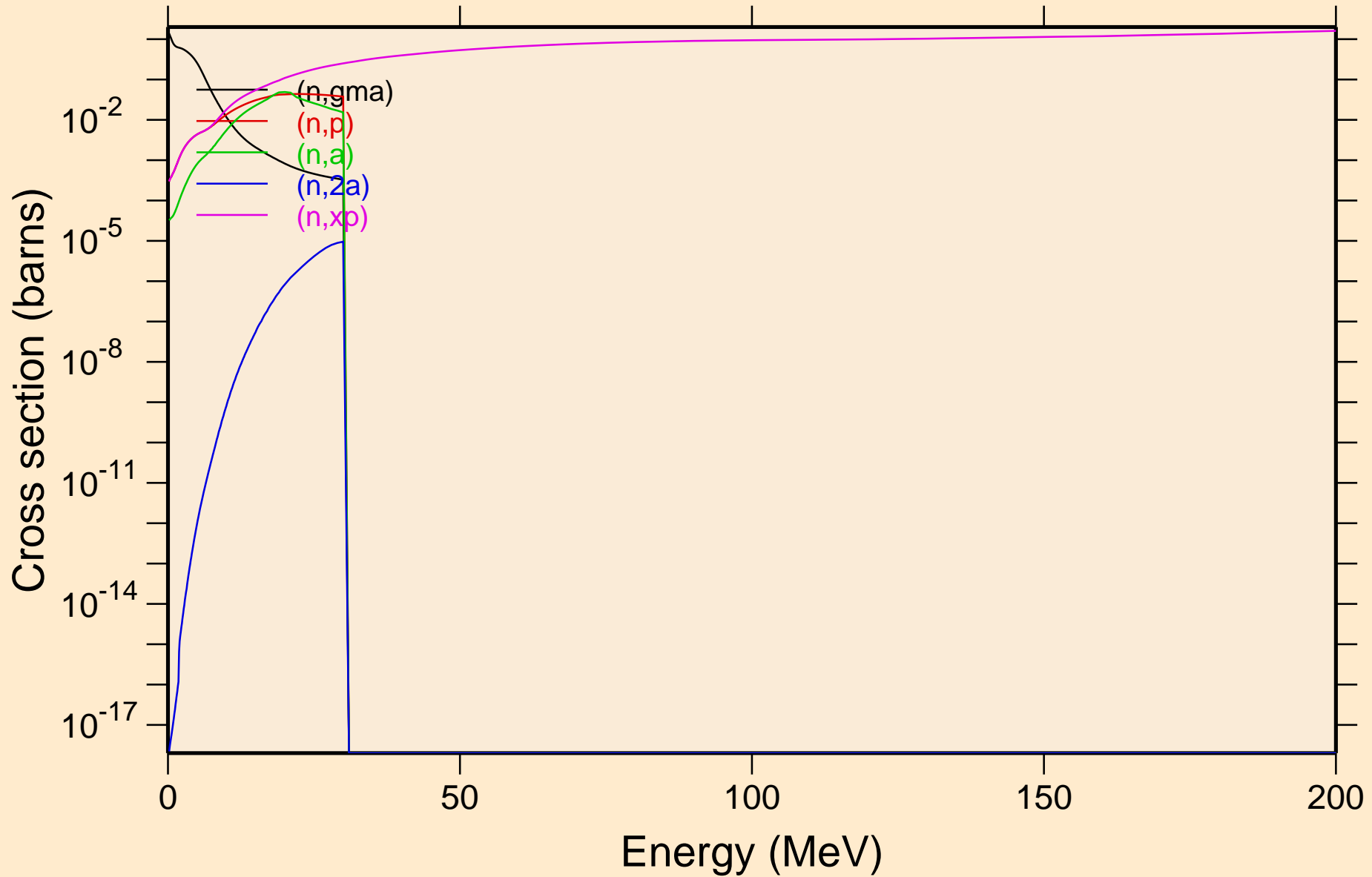


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

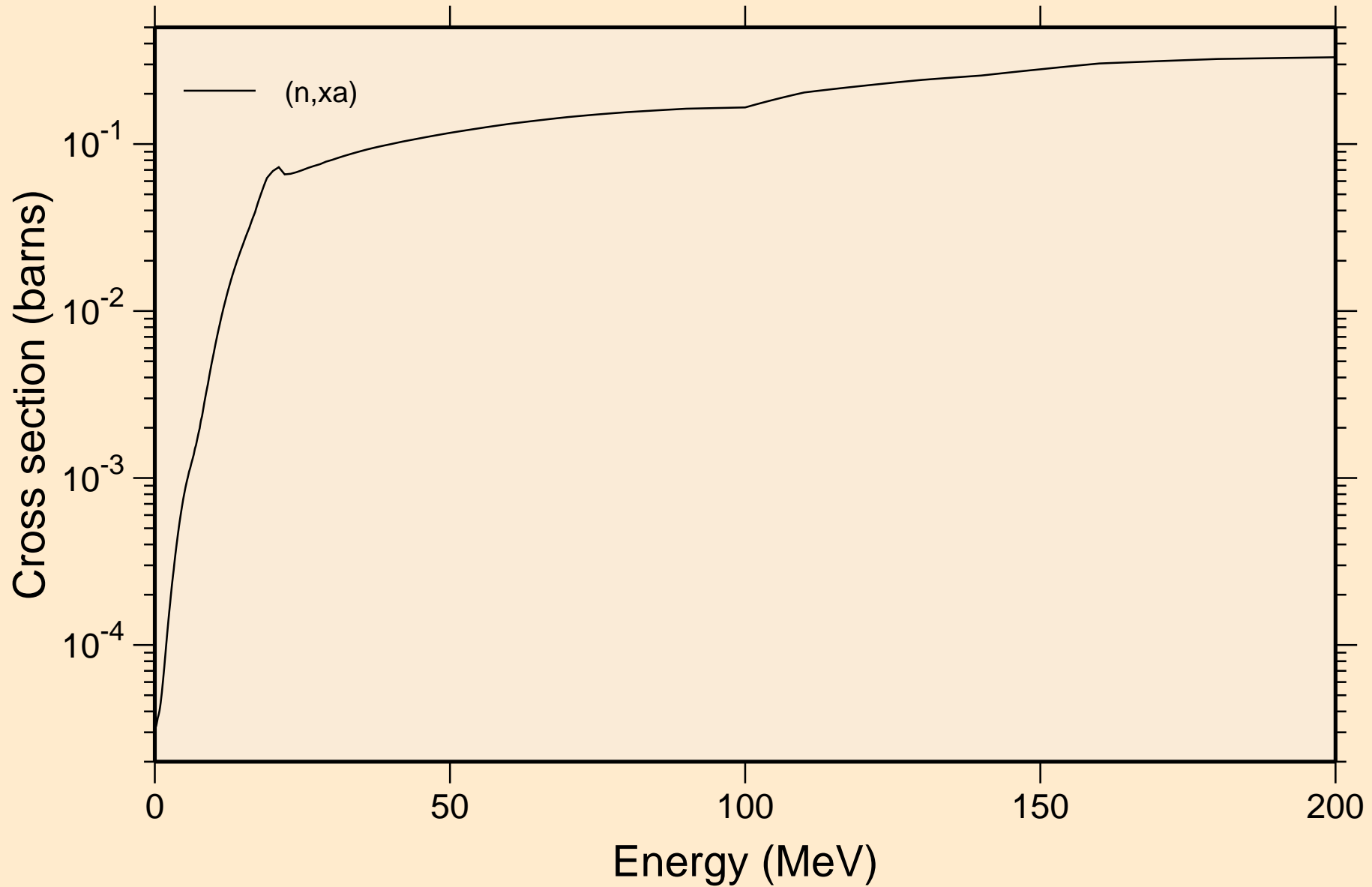




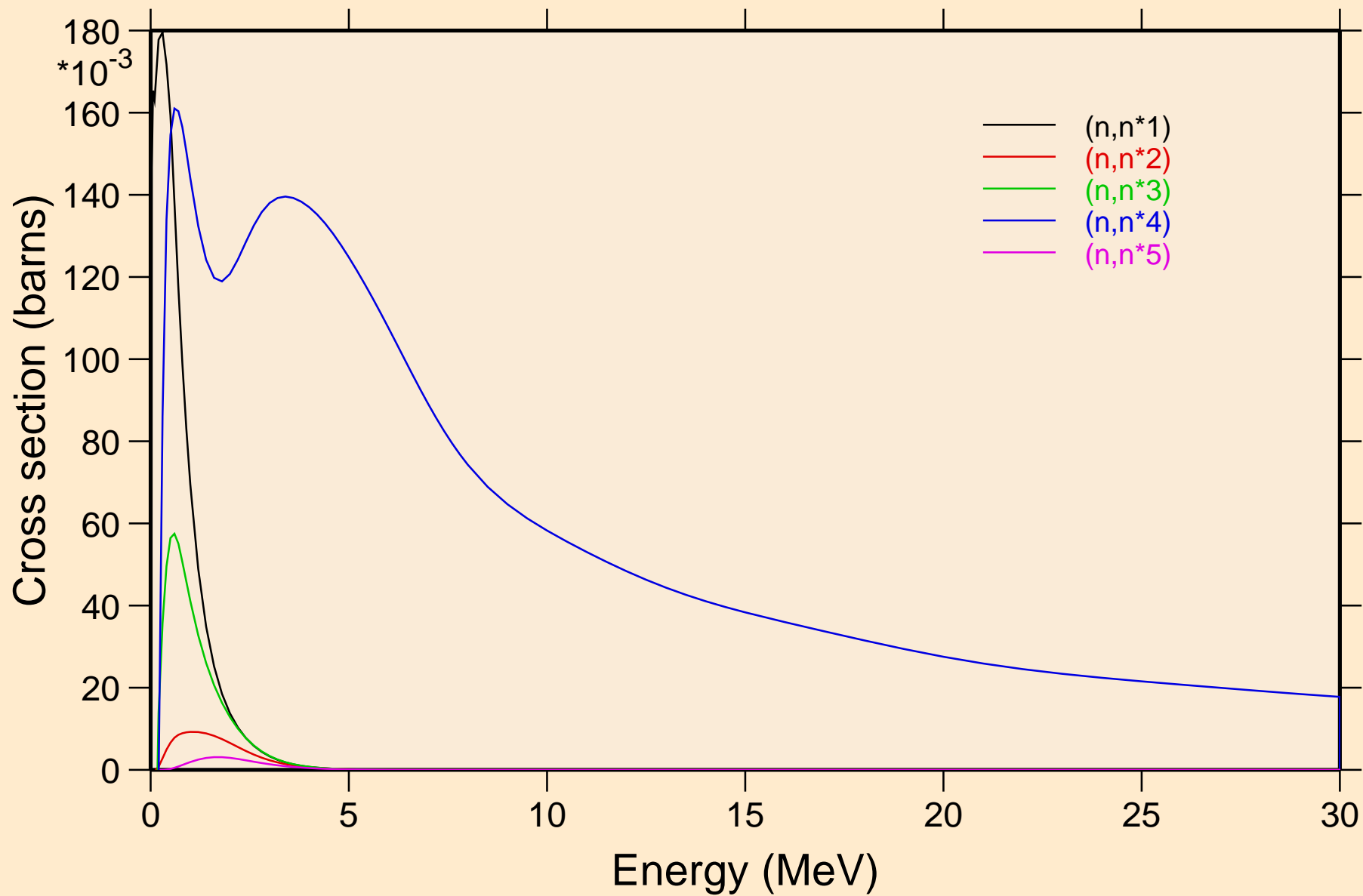
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



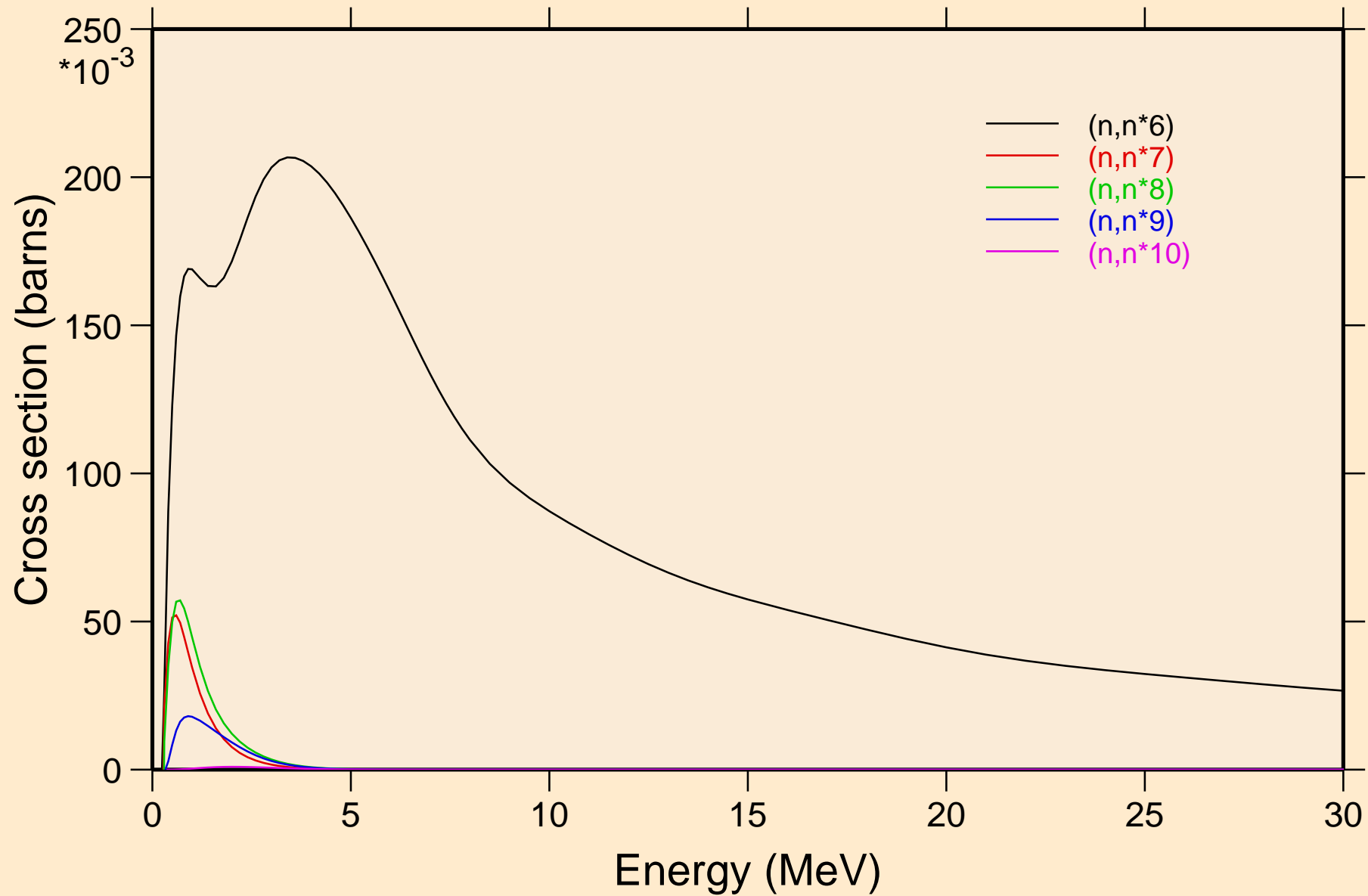
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



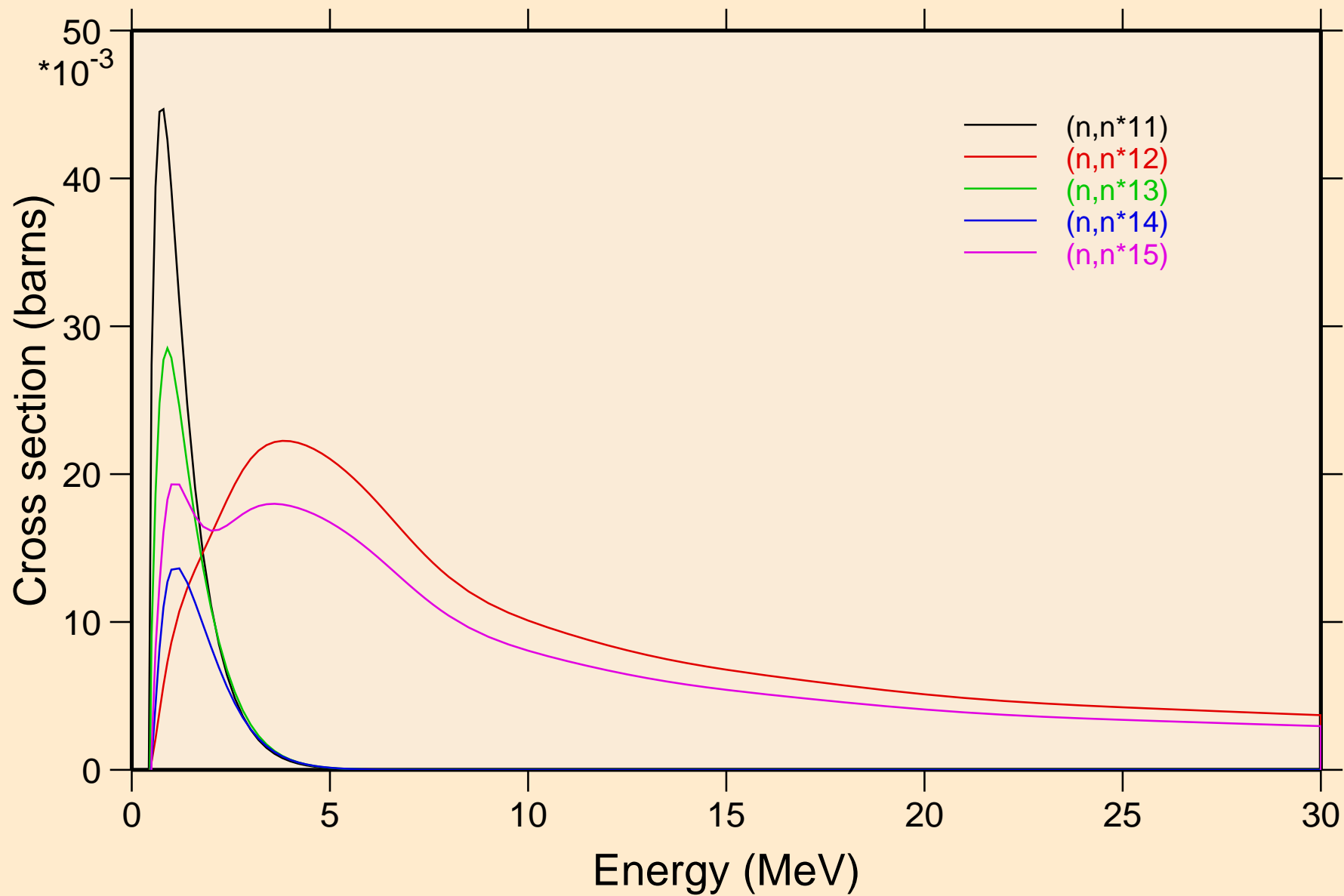
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



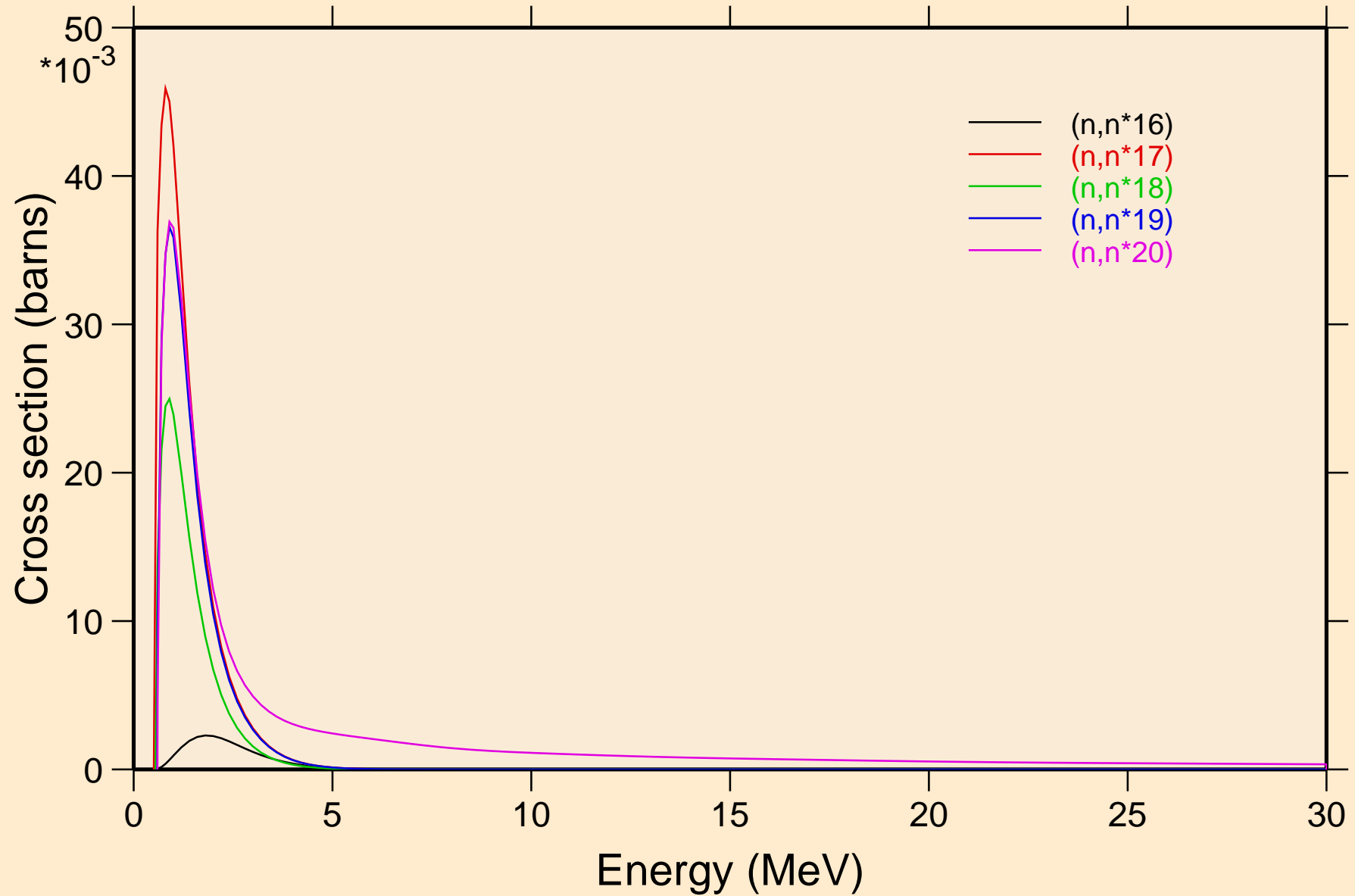
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



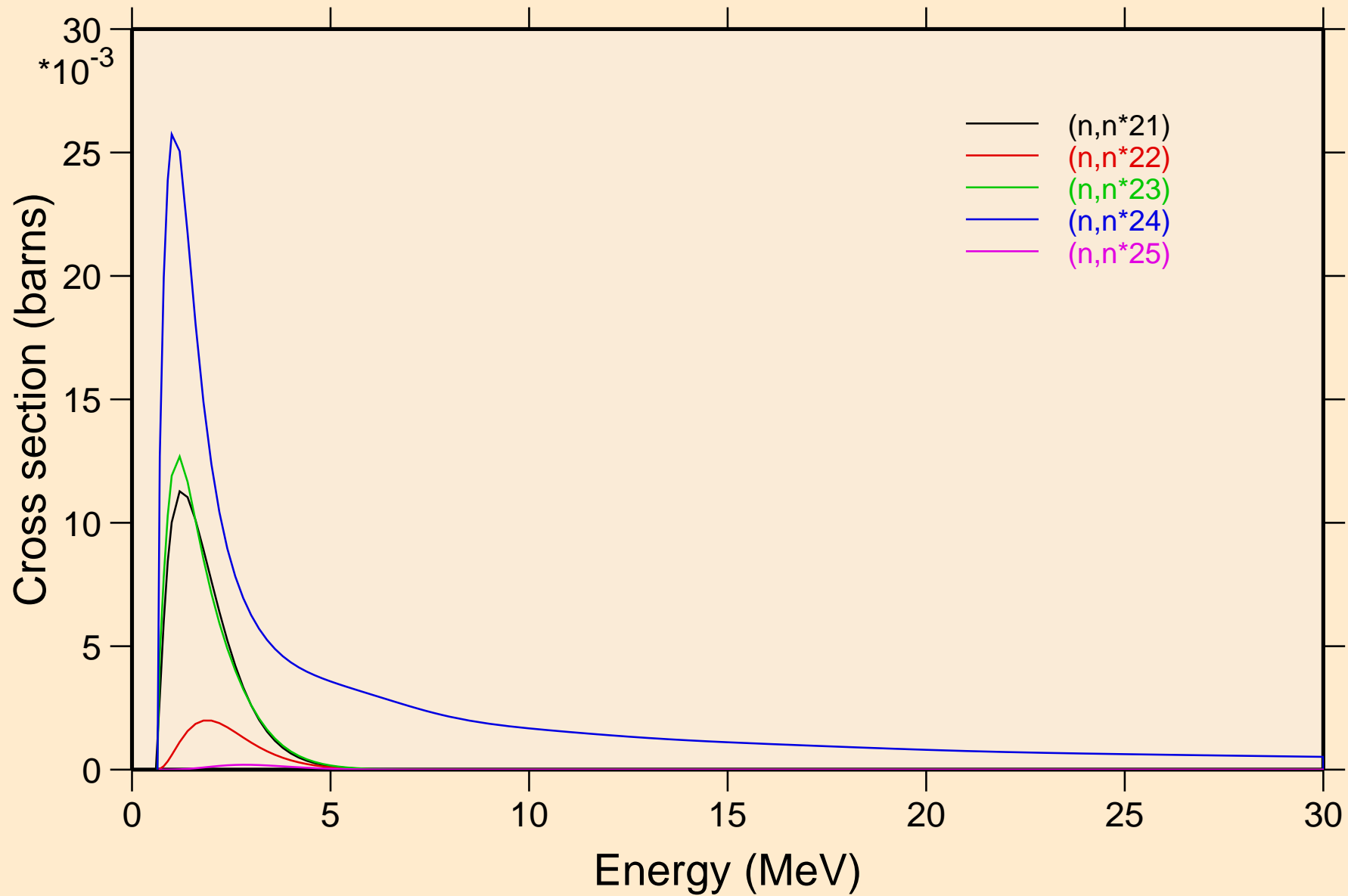
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



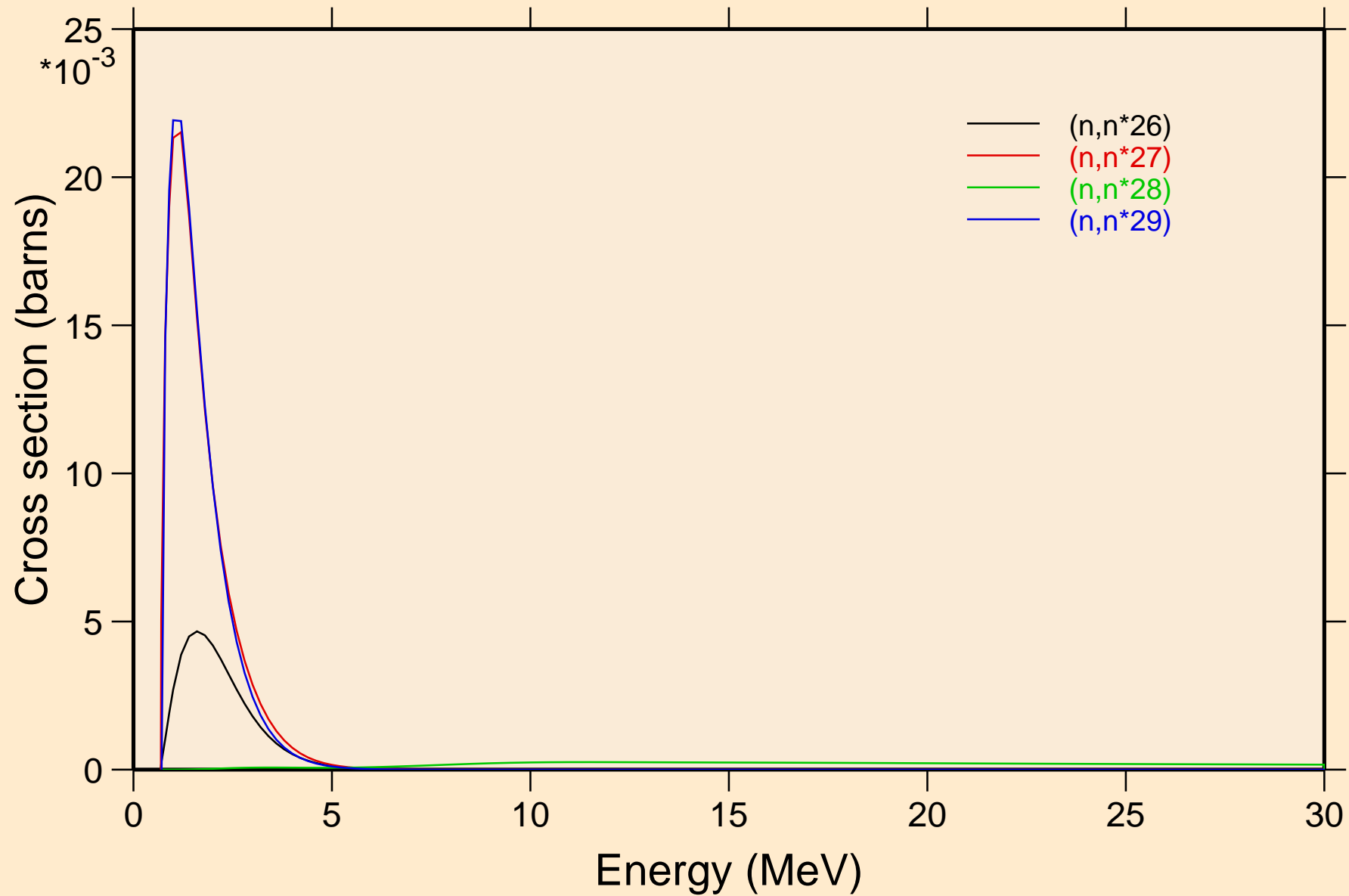
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

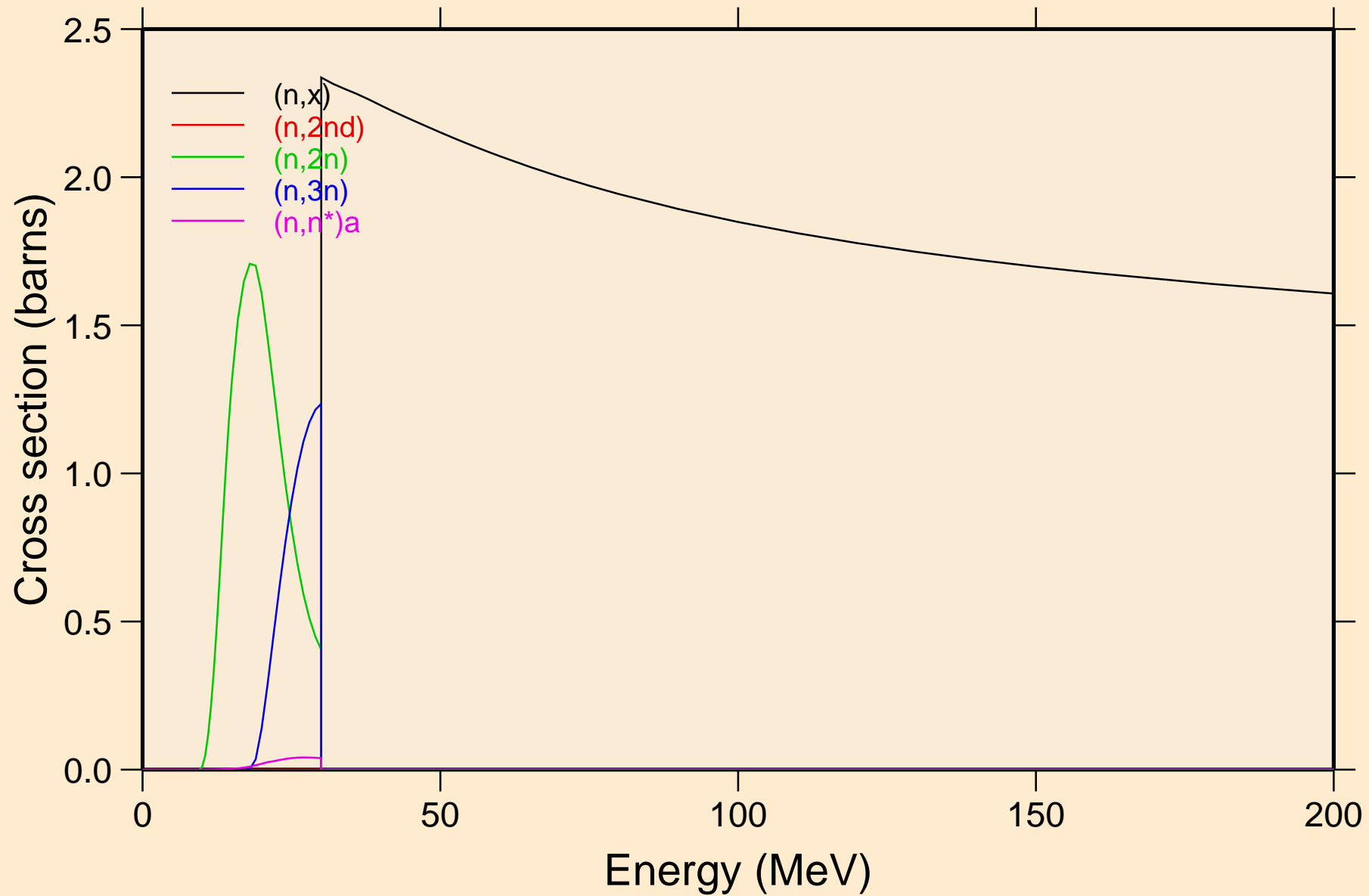


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

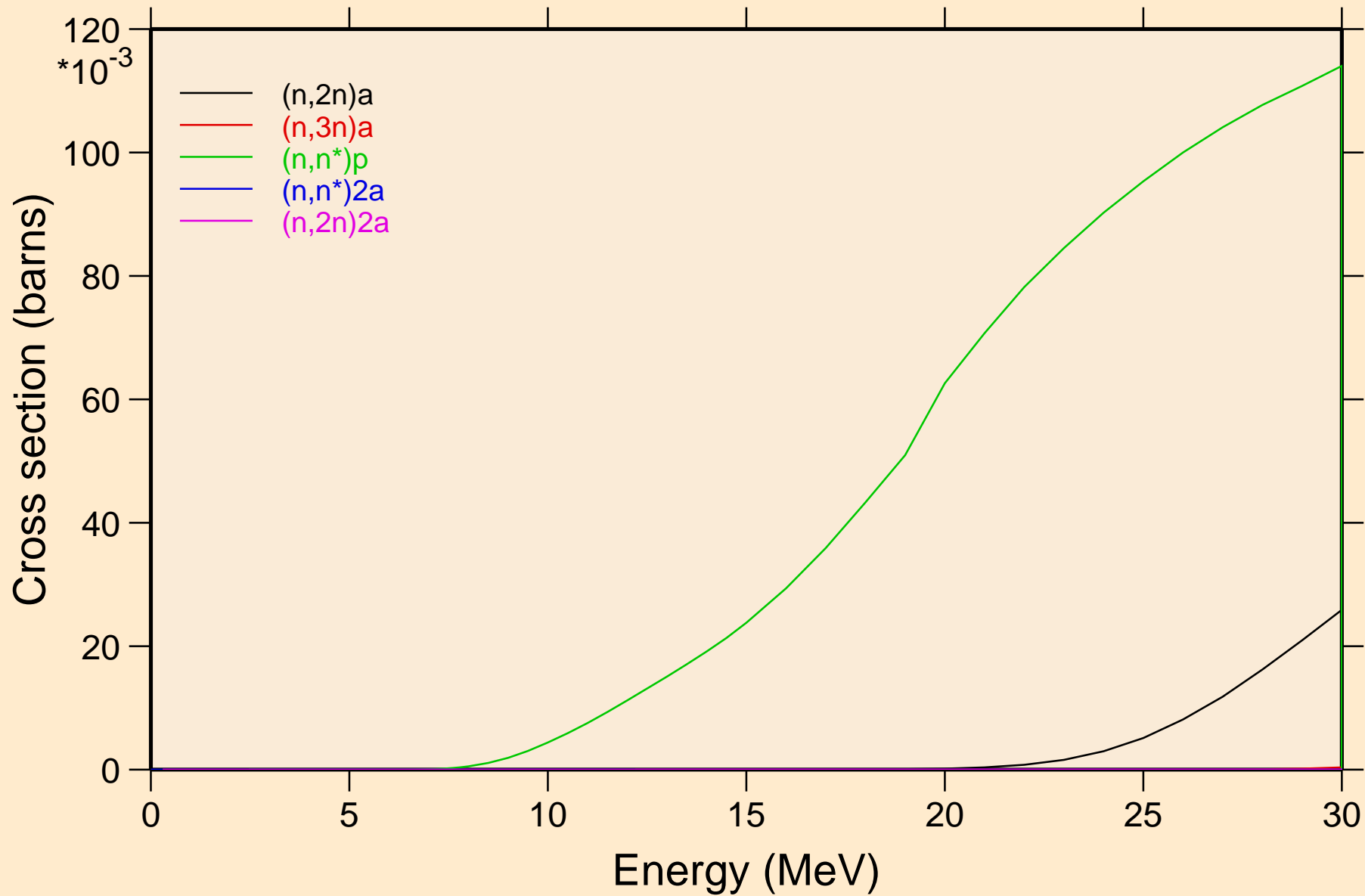




AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

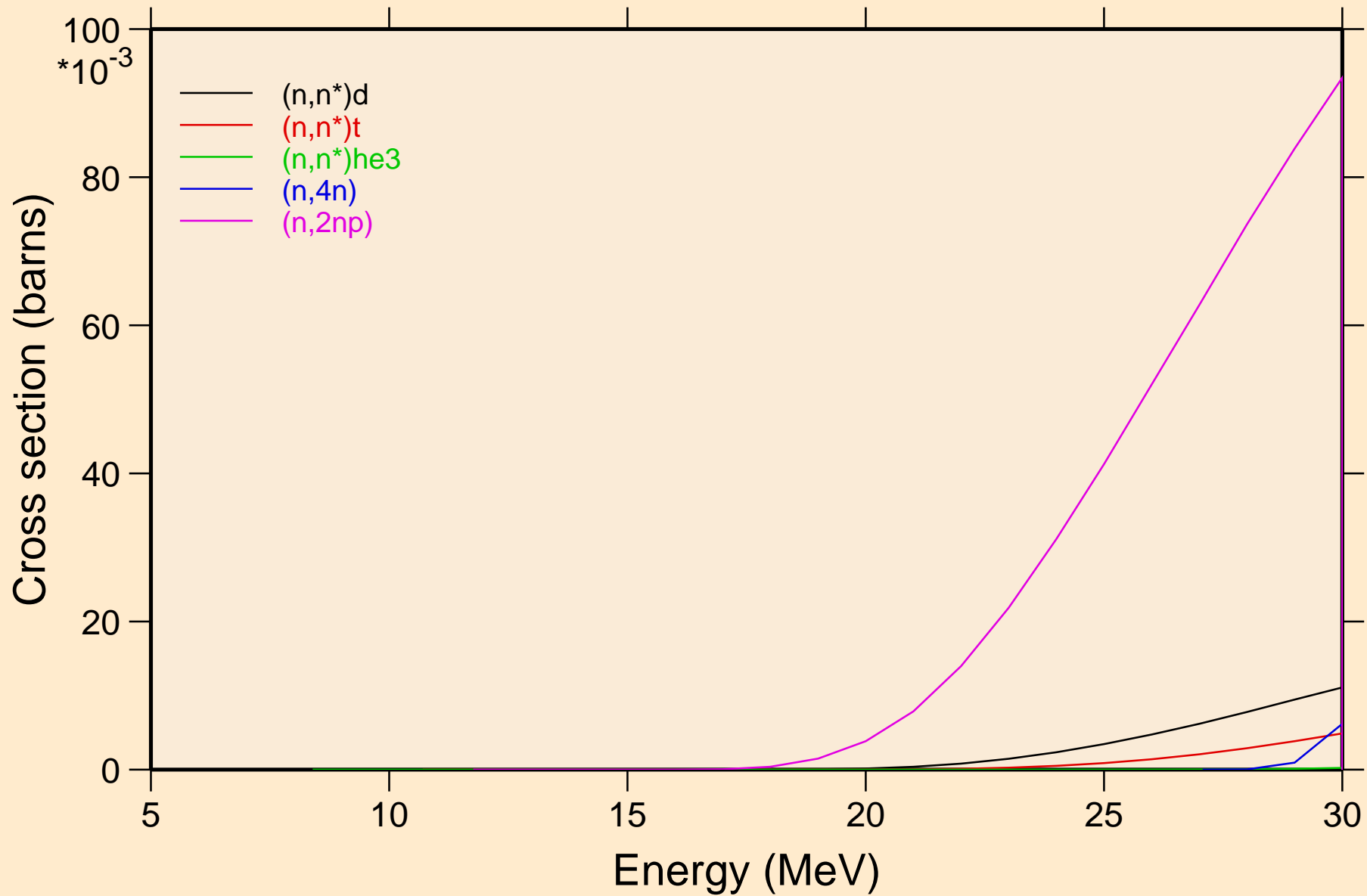


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

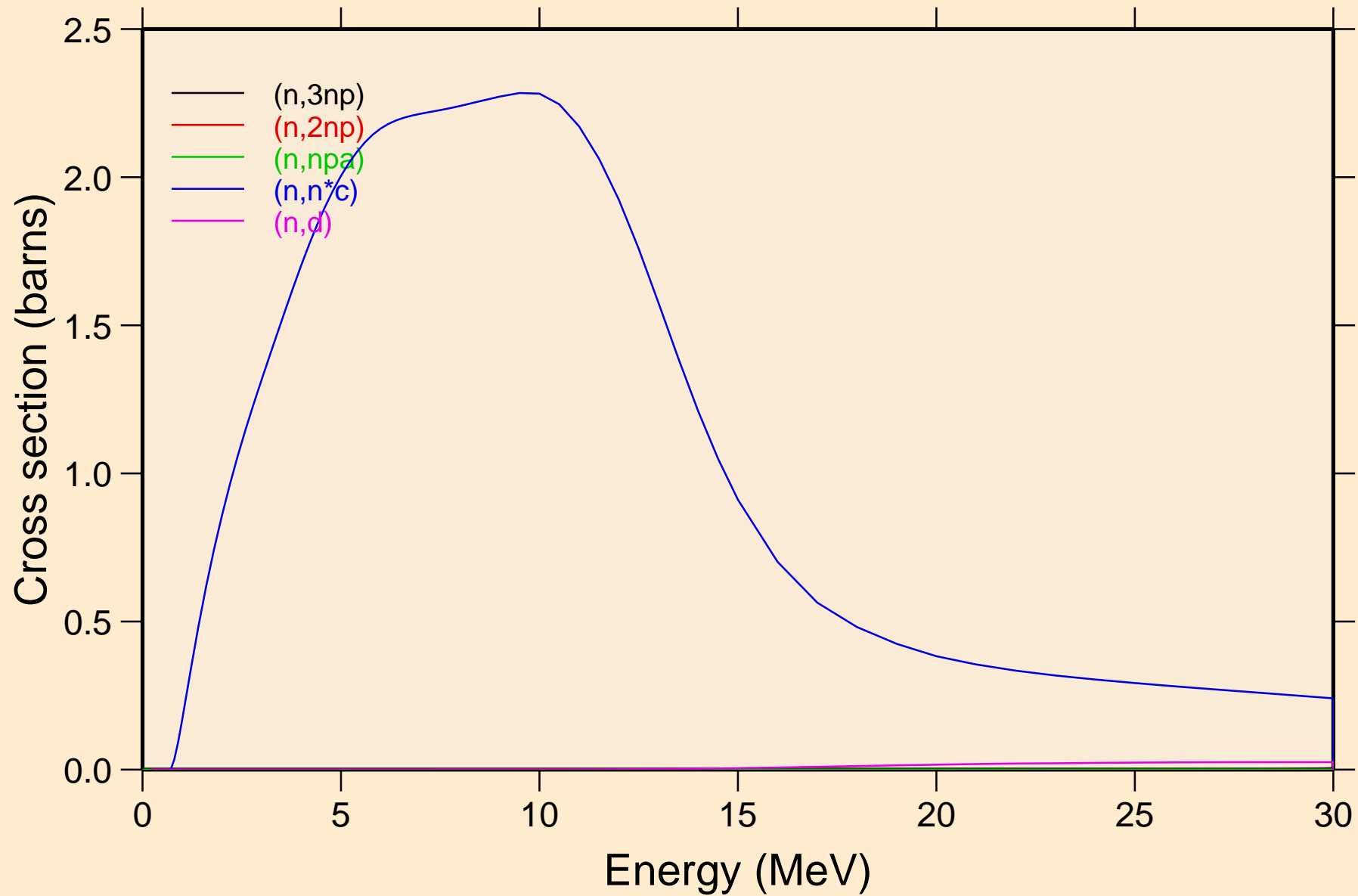


# AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

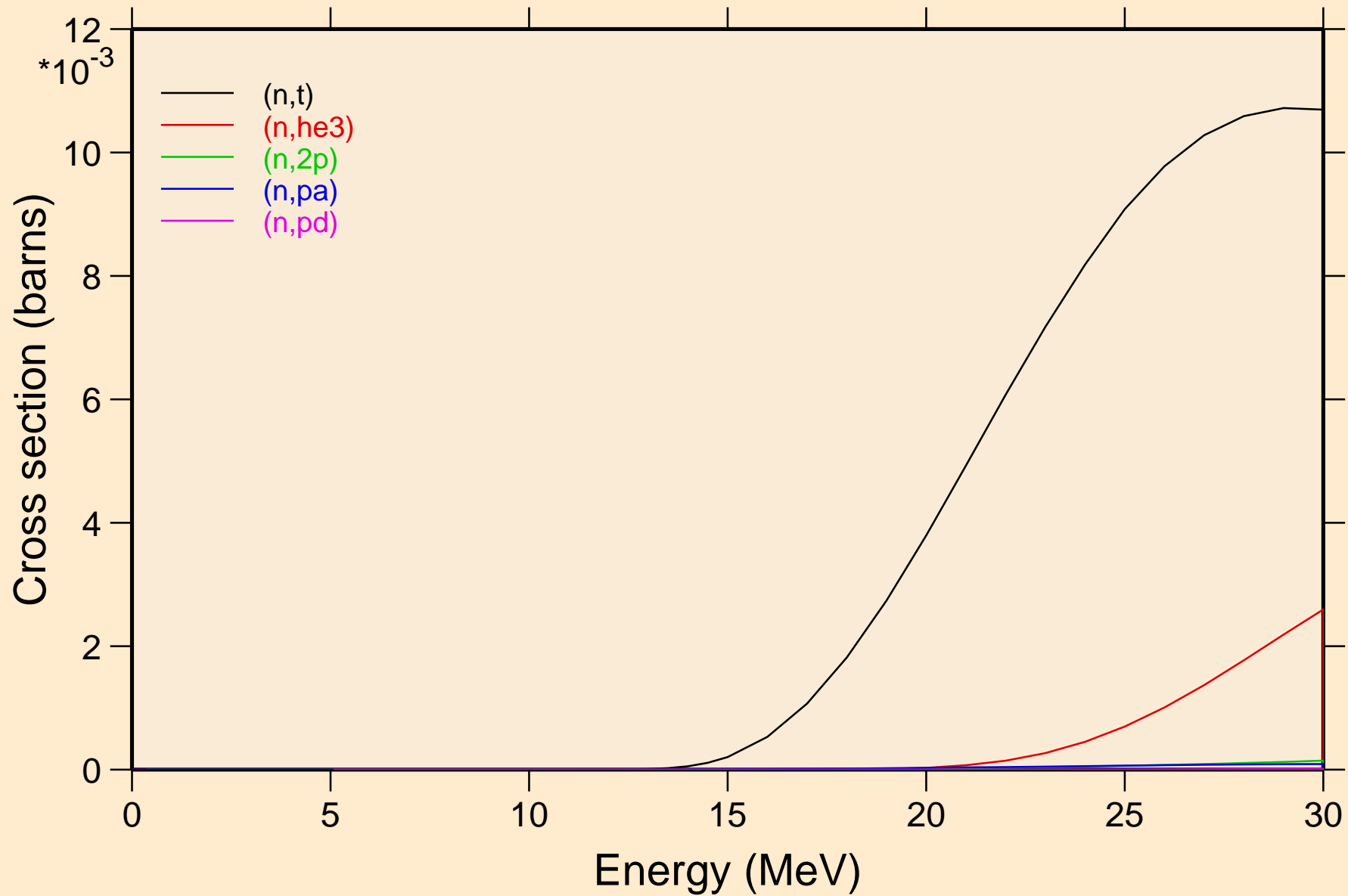
## Threshold reactions



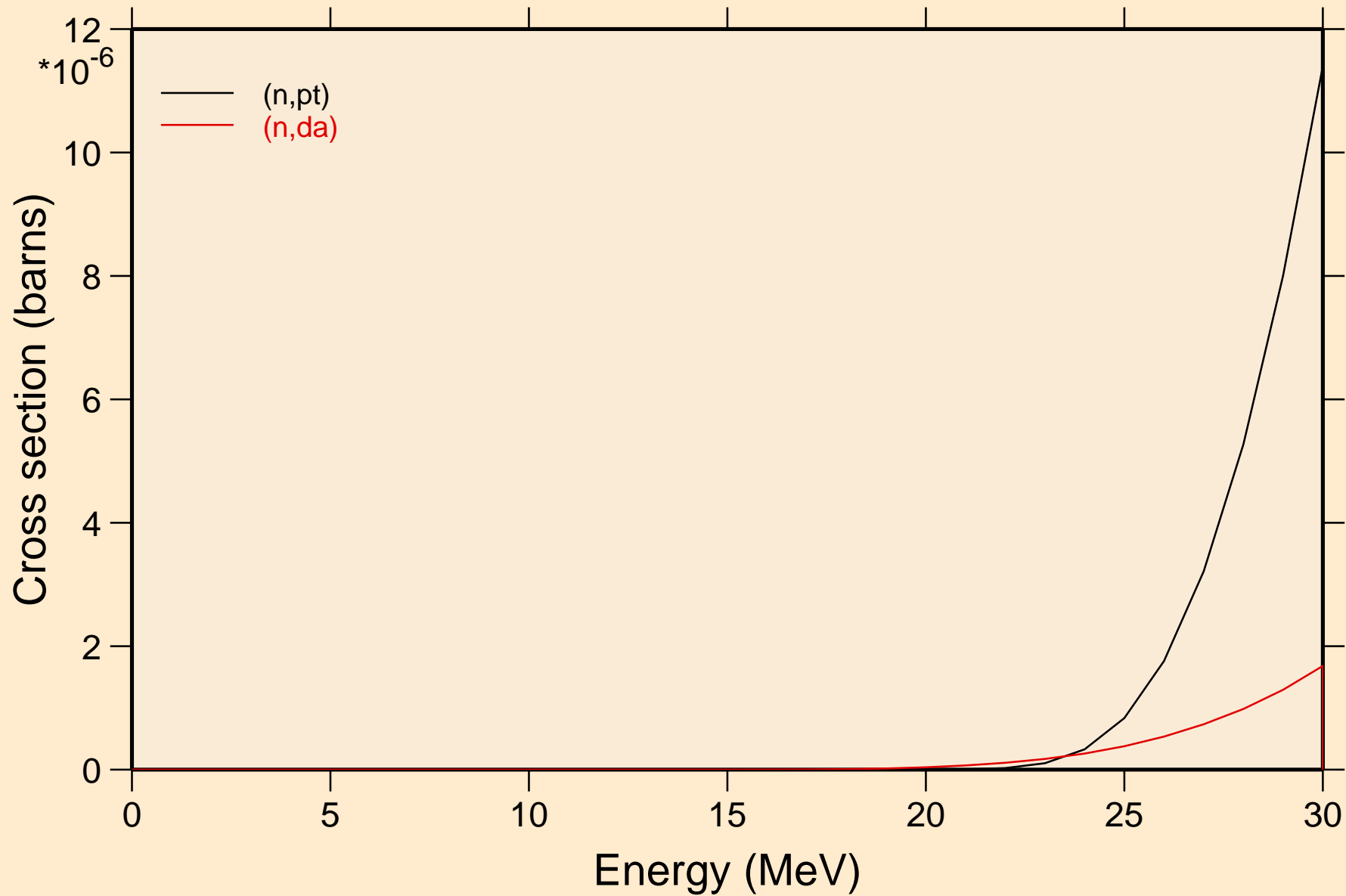
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



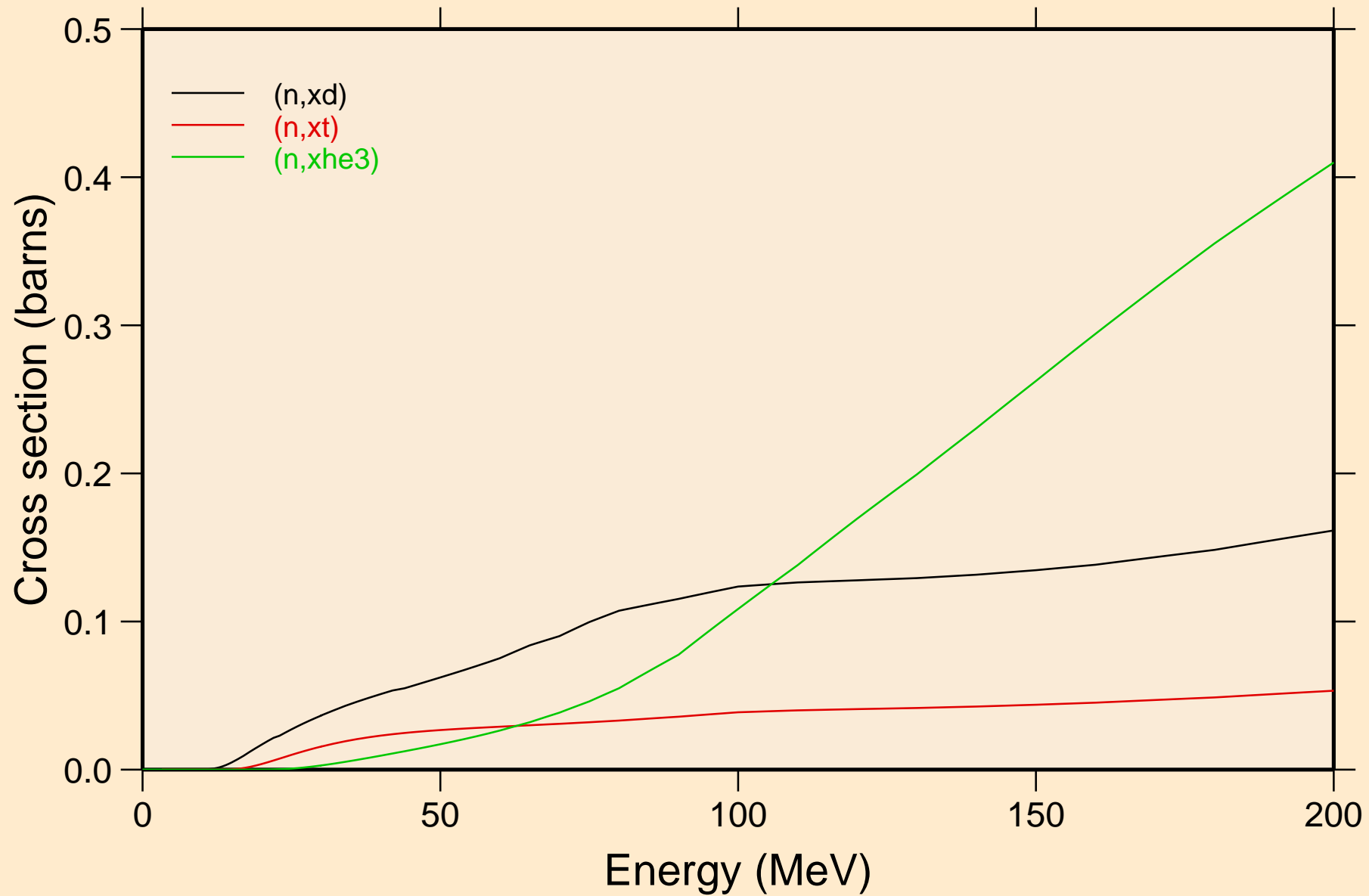
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



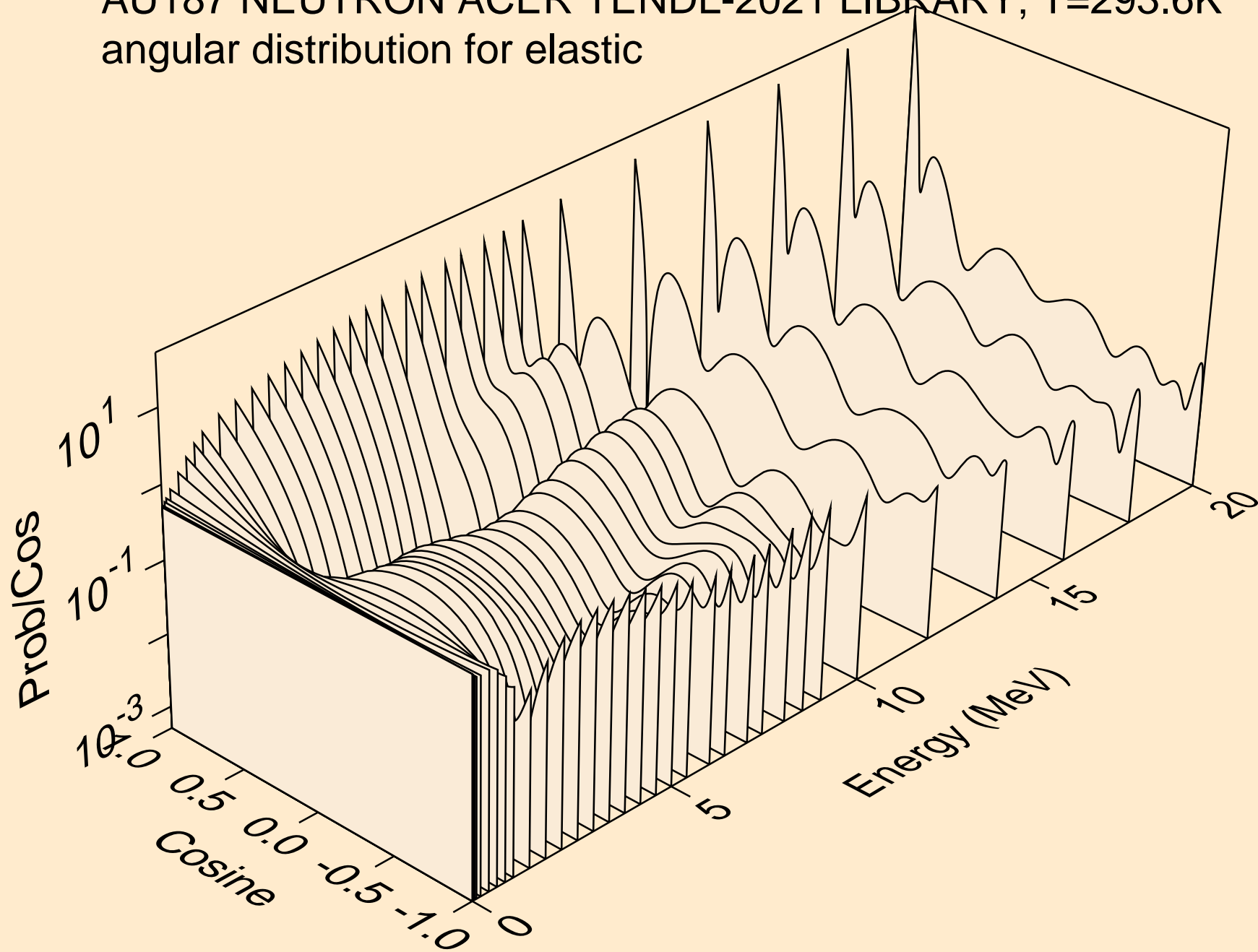
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

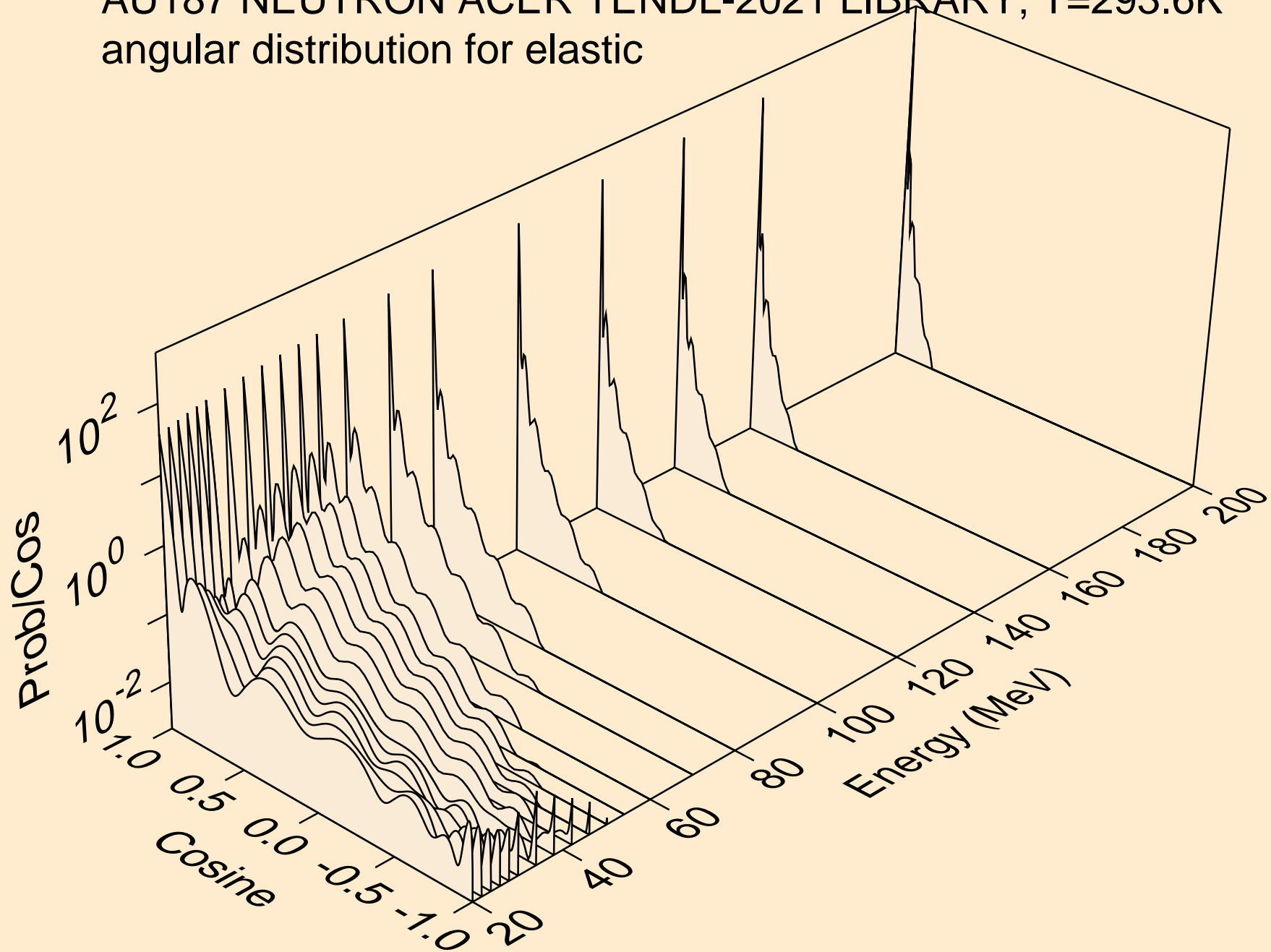


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

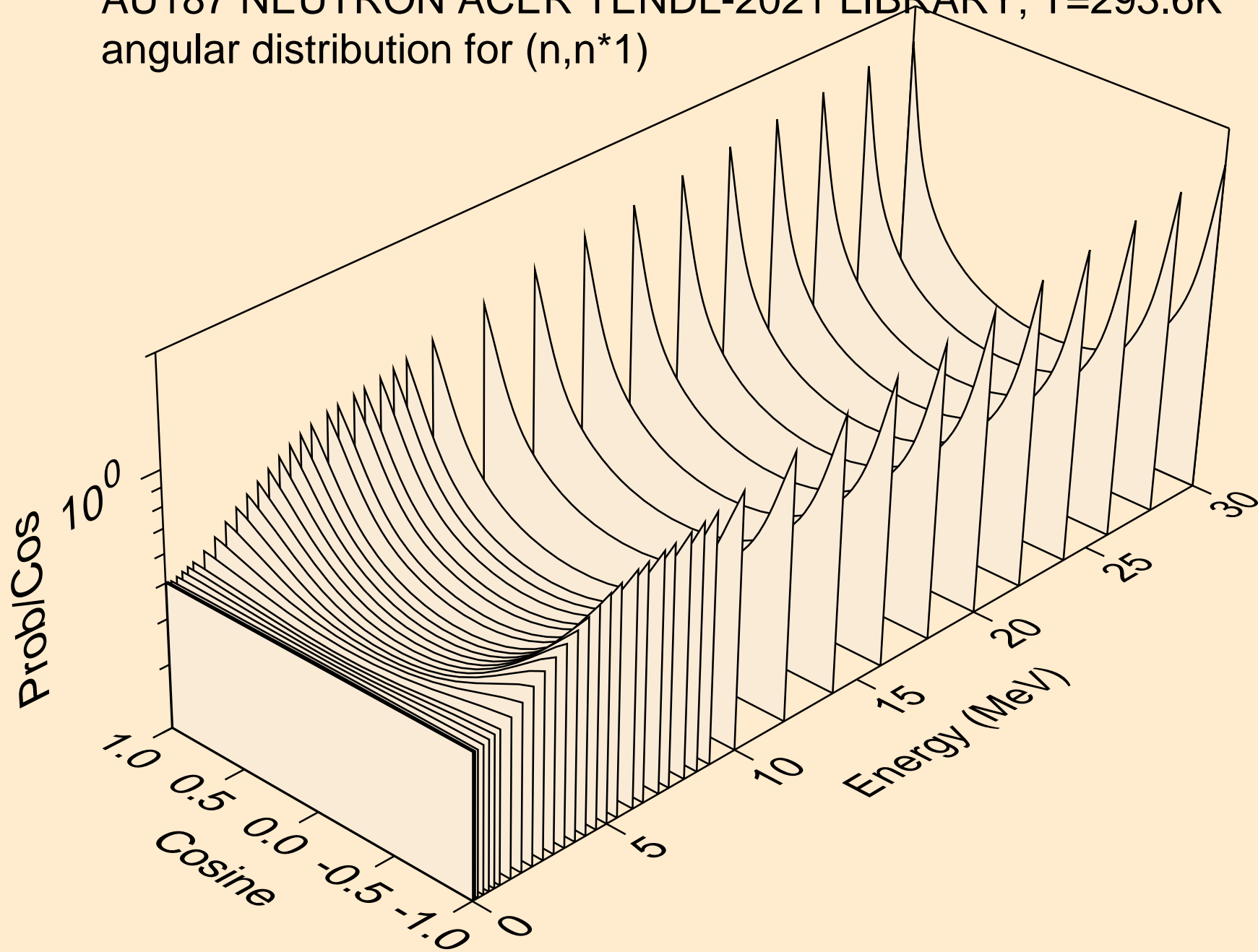




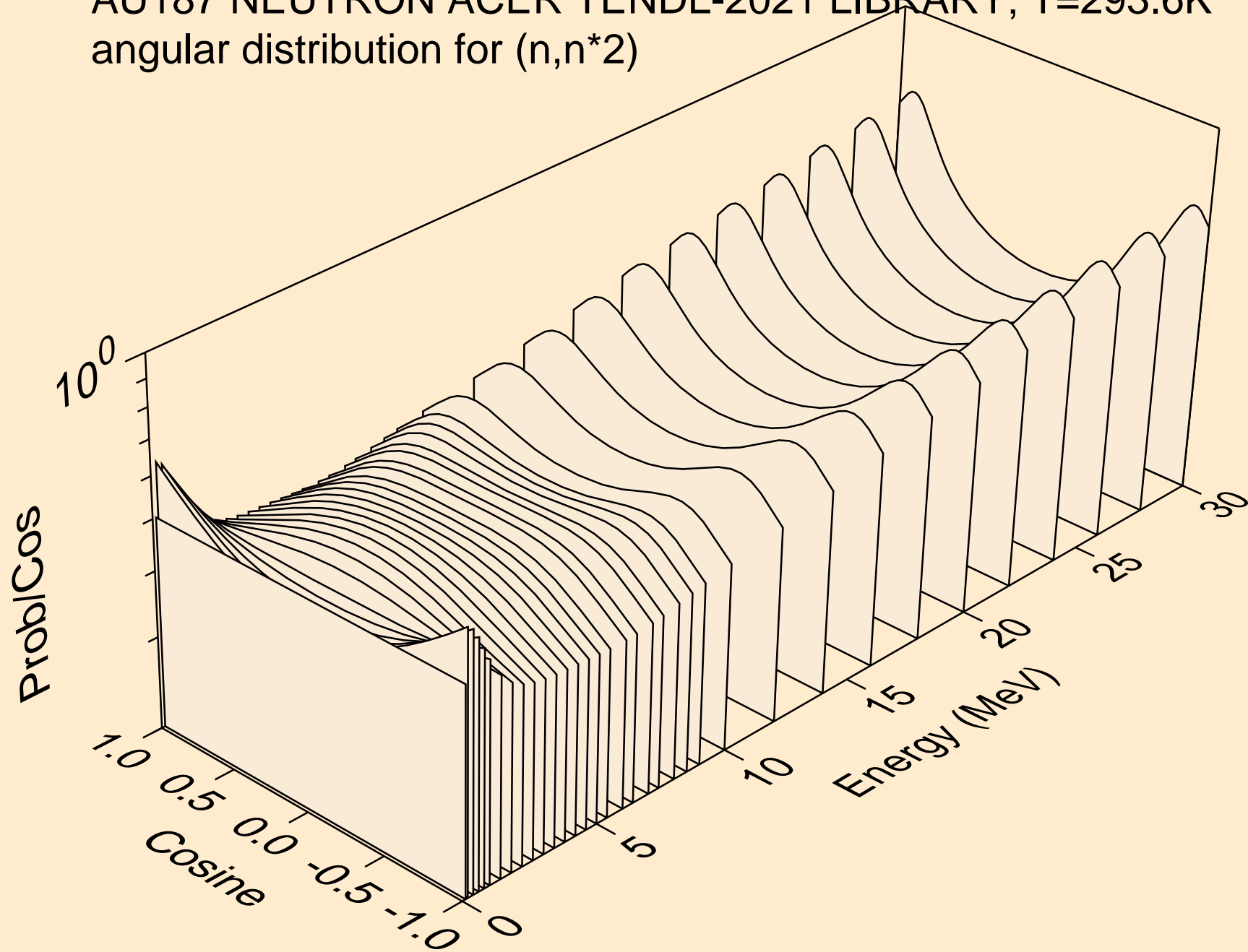
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angular distribution for elastic



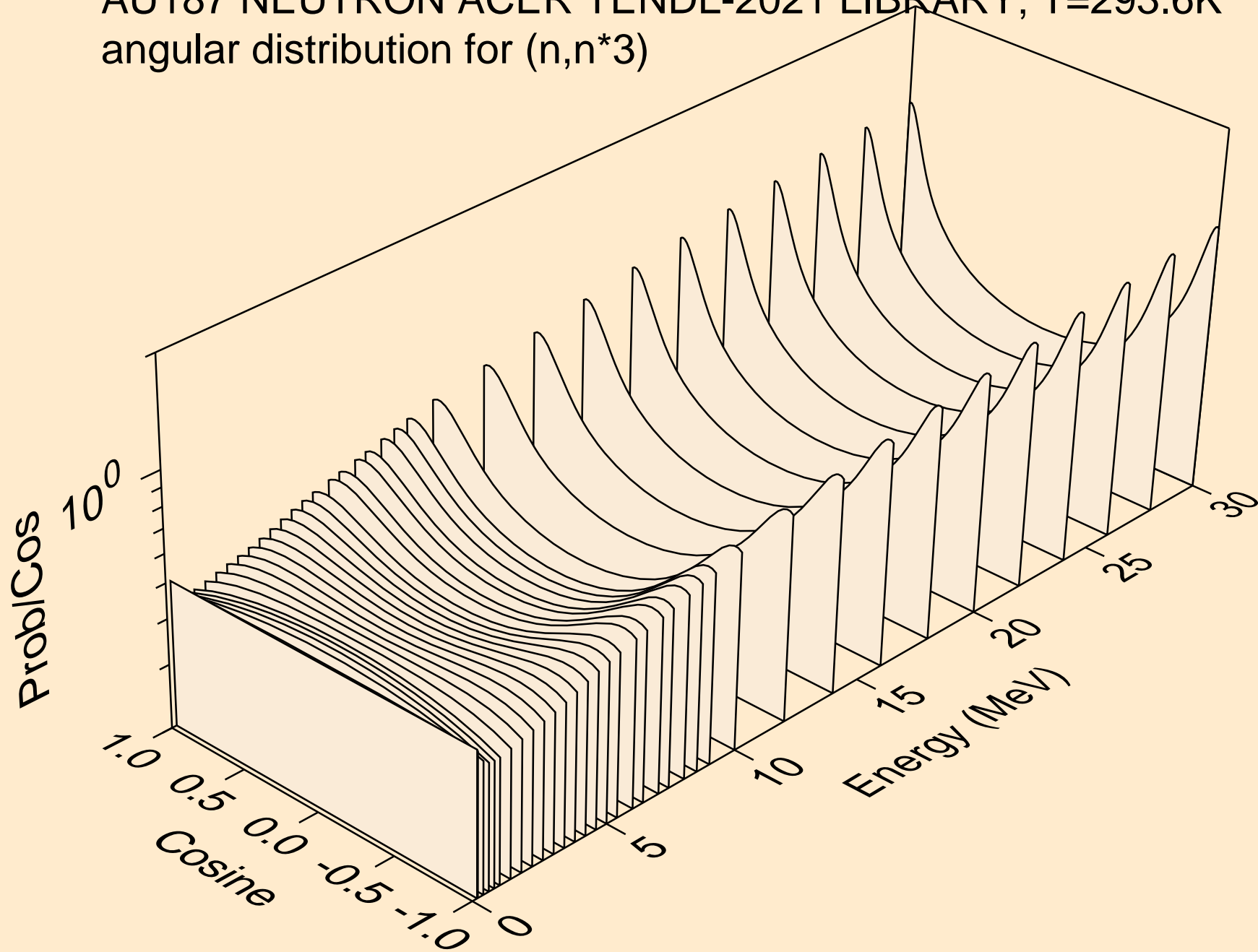
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angular distribution for (n,n\*1)



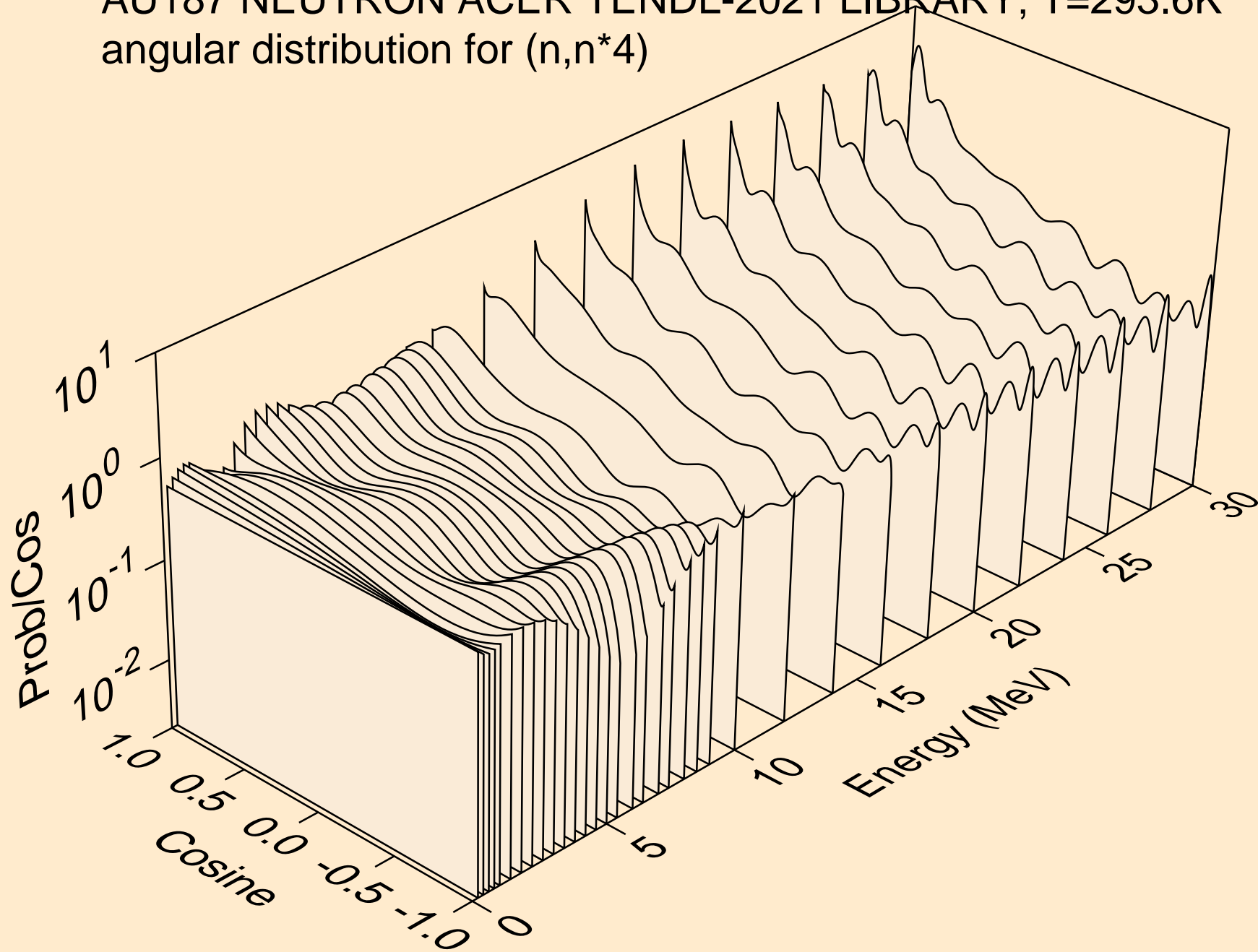
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angular distribution for (n,n\*2)



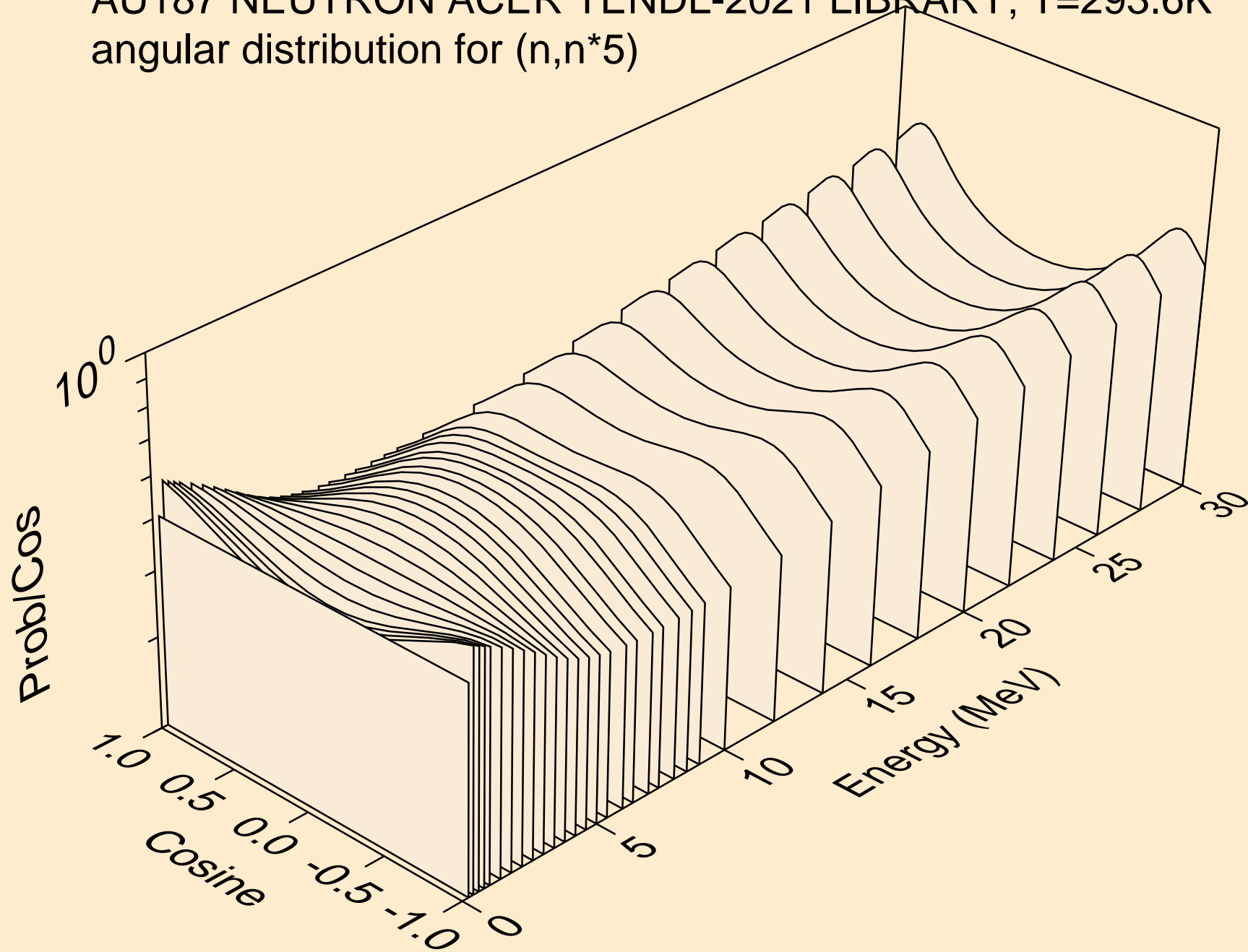
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angular distribution for (n,n\*3)



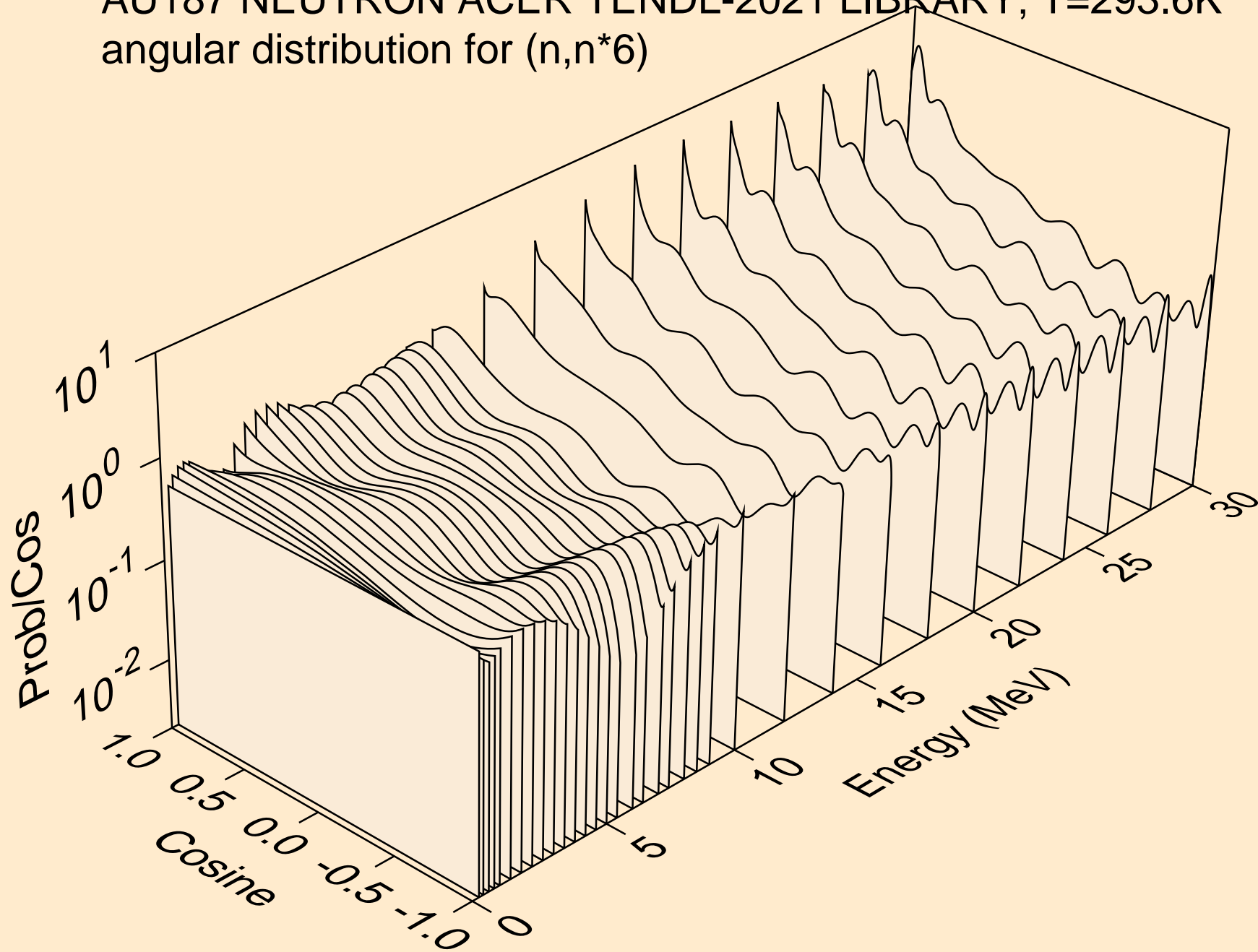
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angular distribution for (n,n\*4)



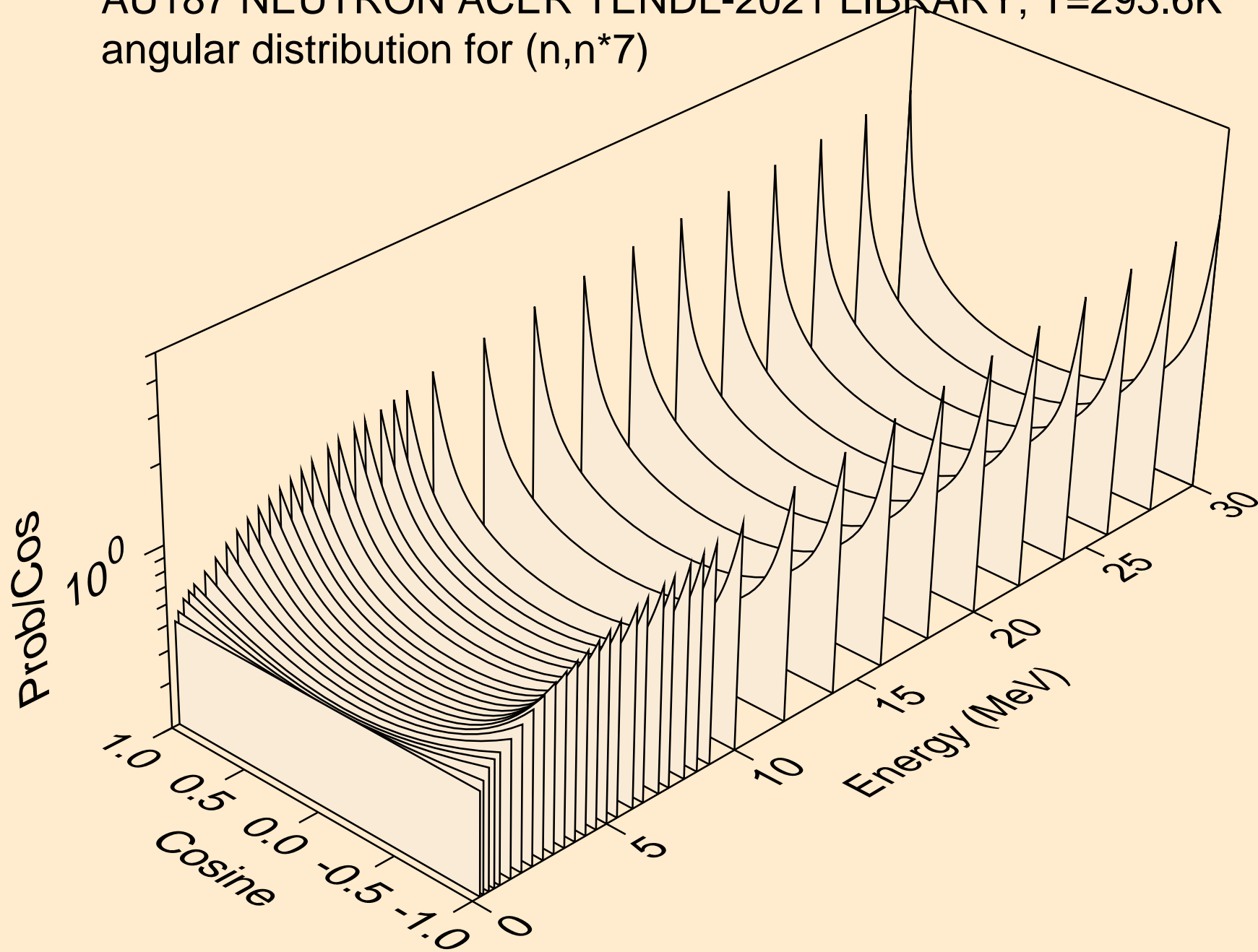
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

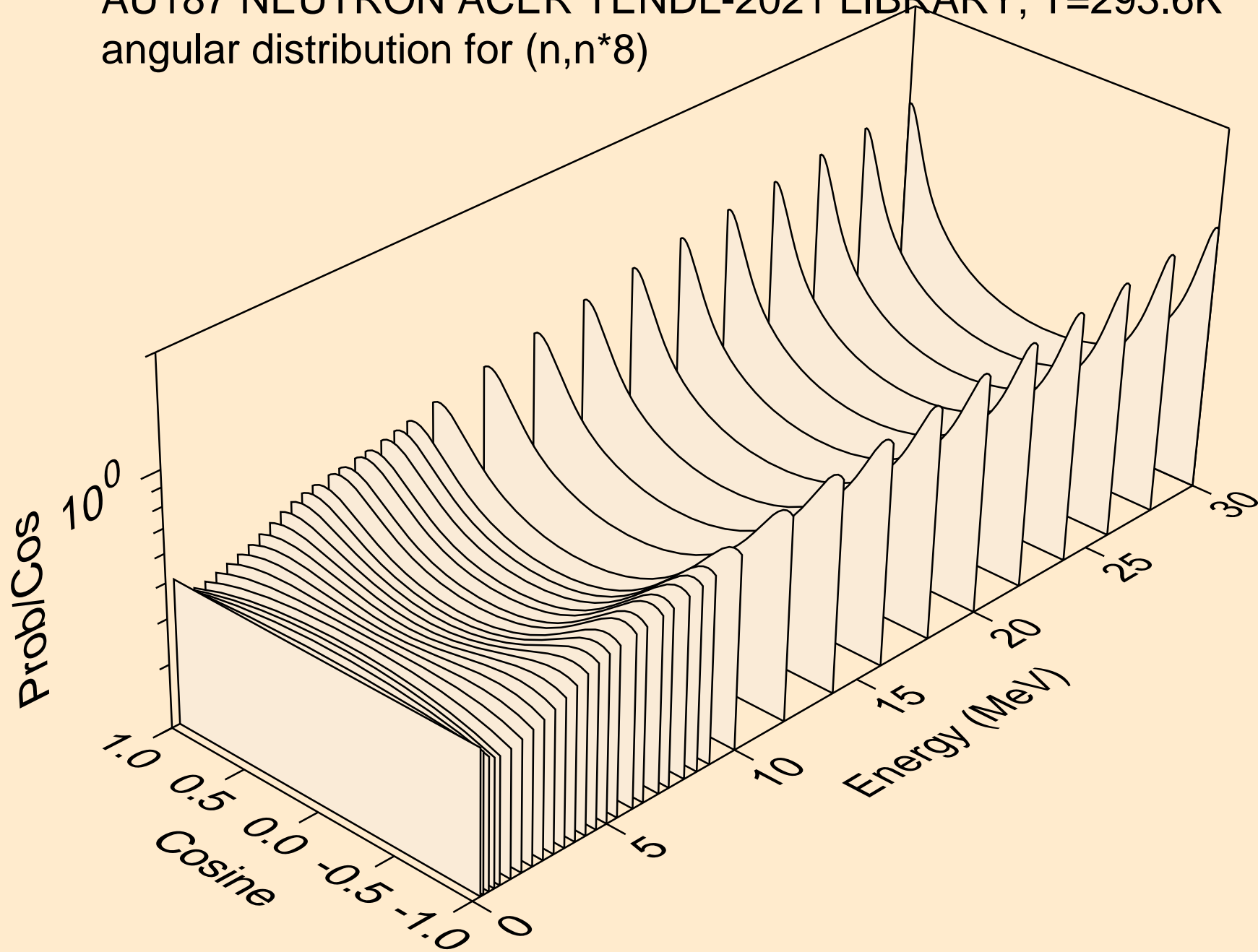


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

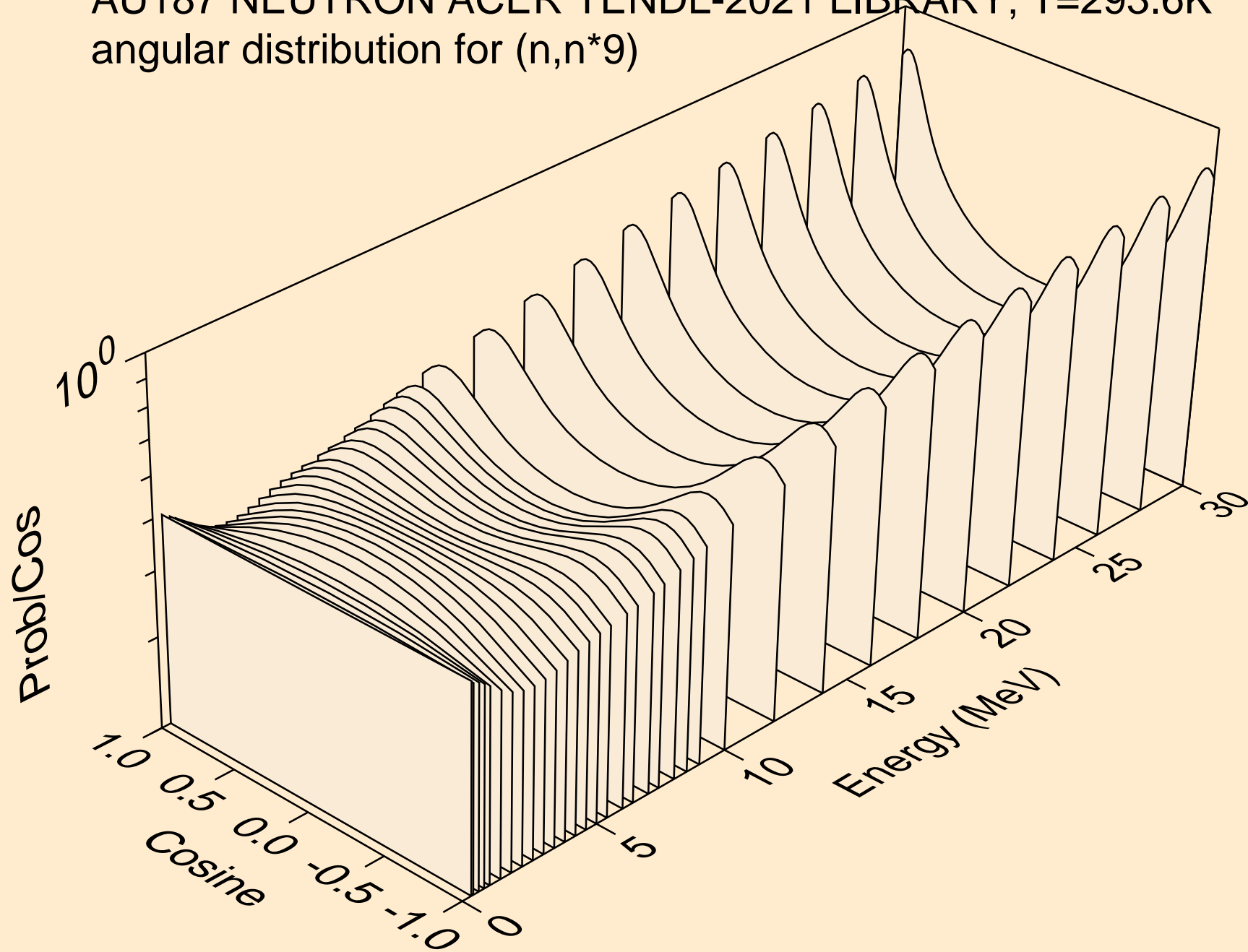




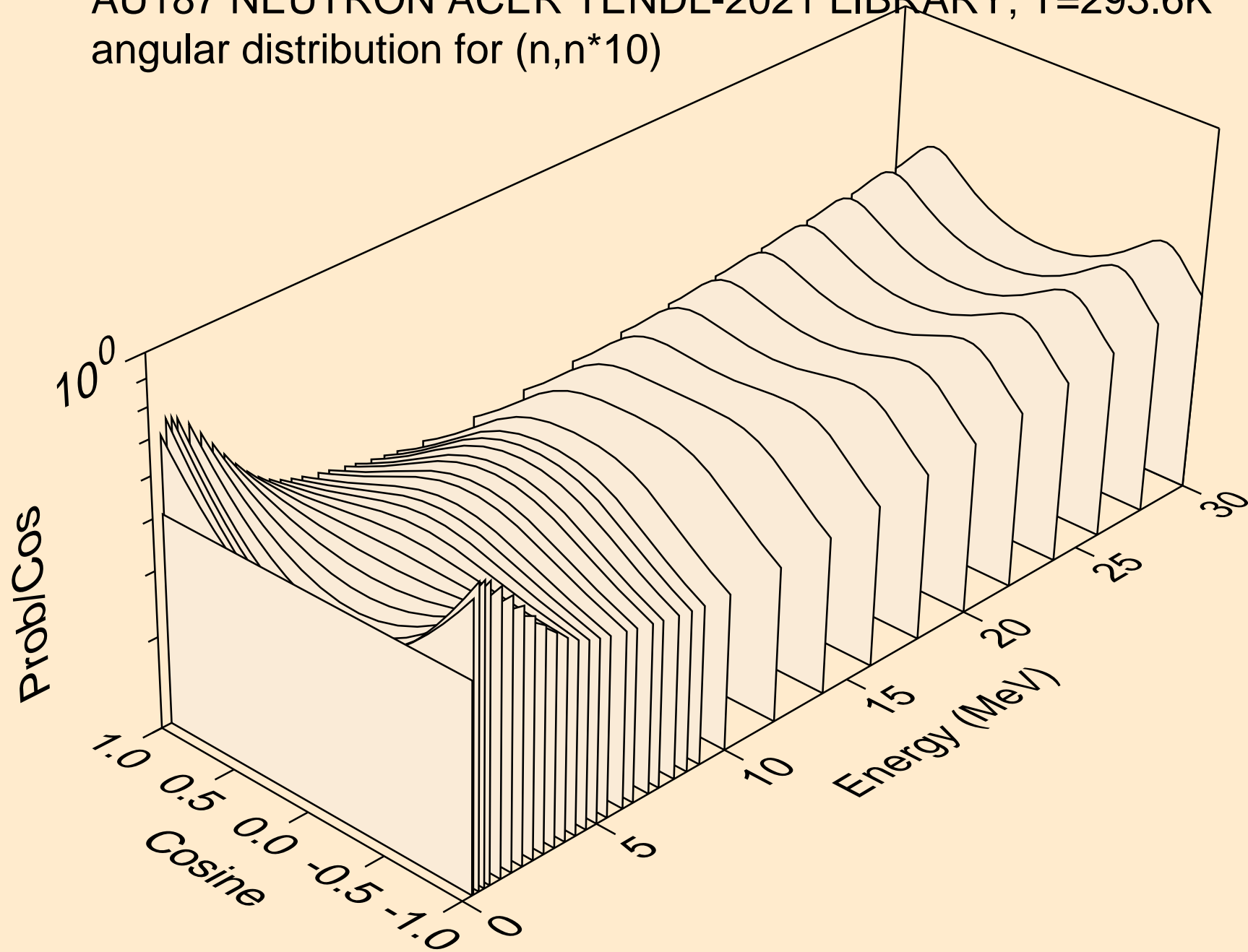
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angular distribution for (n,n\*8)



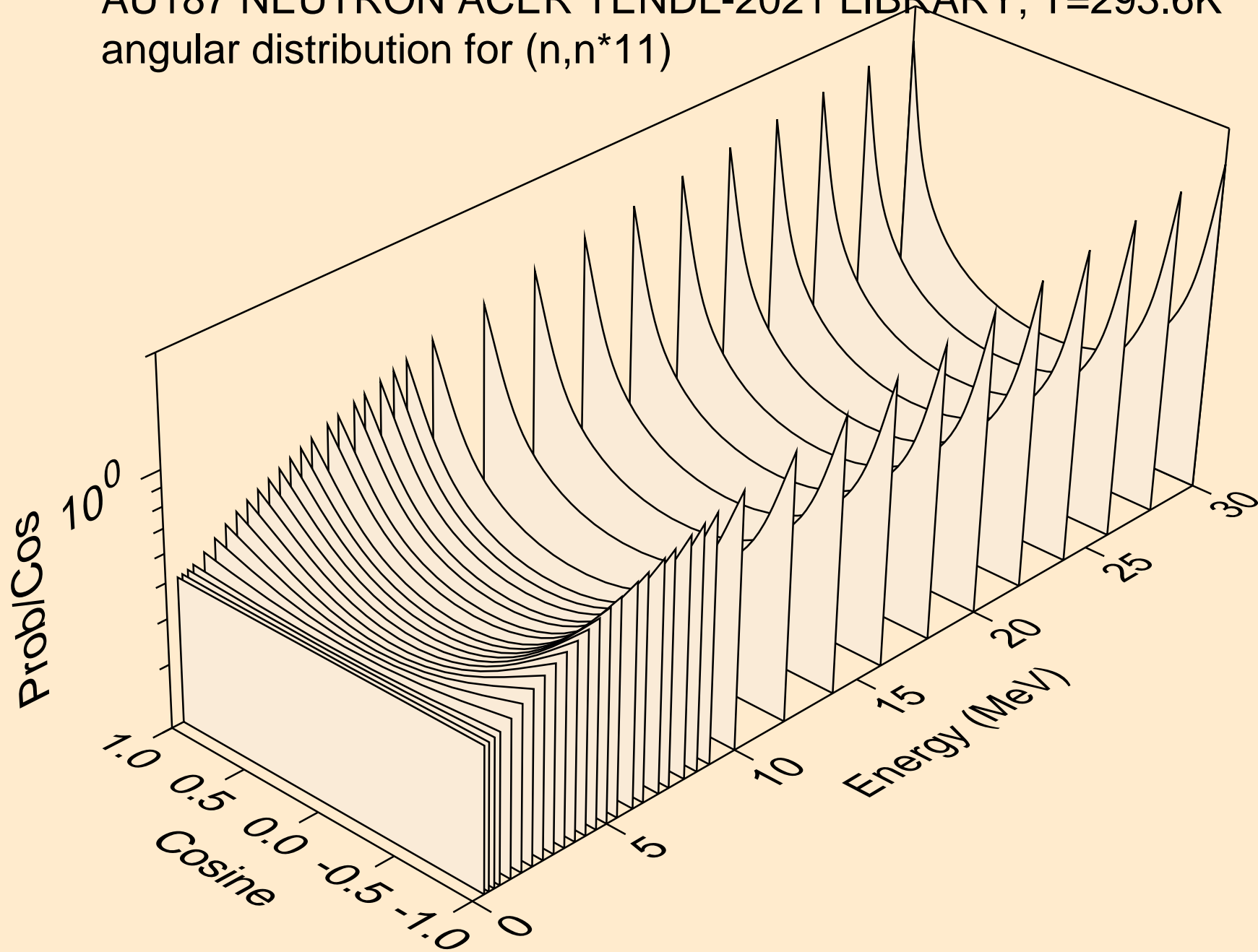
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angular distribution for (n,n\*9)



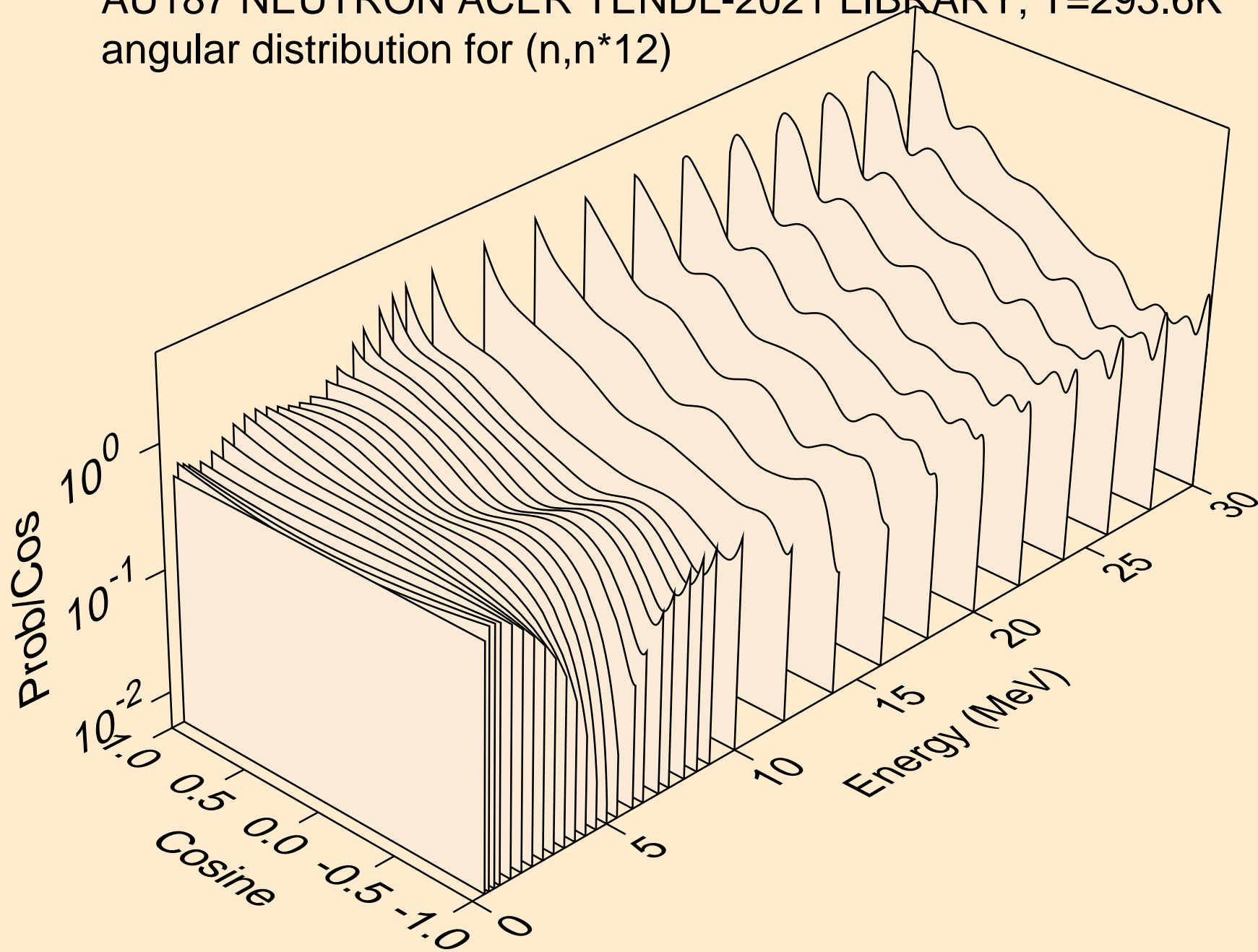
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angular distribution for (n,n\*10)



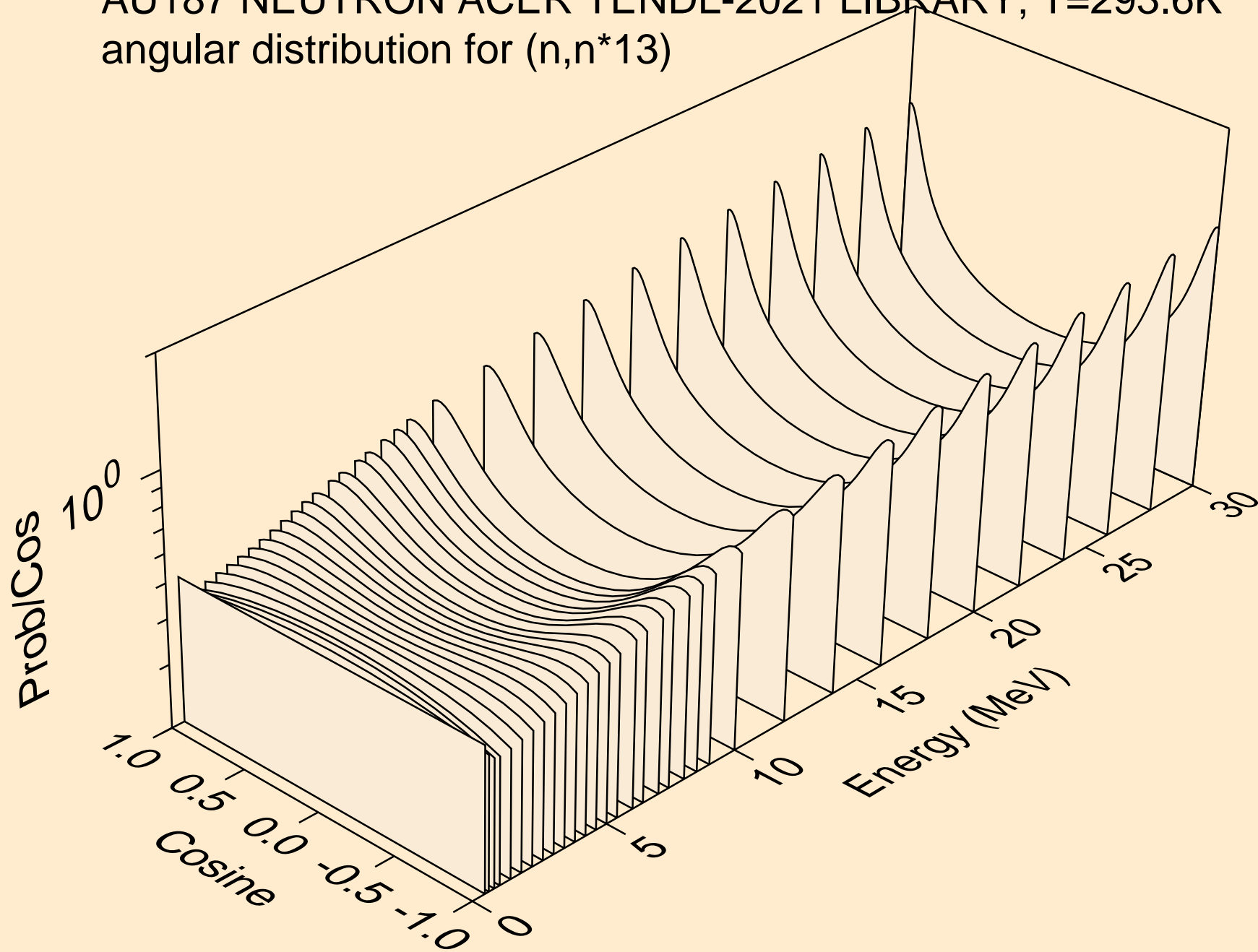
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angular distribution for (n,n\*11)



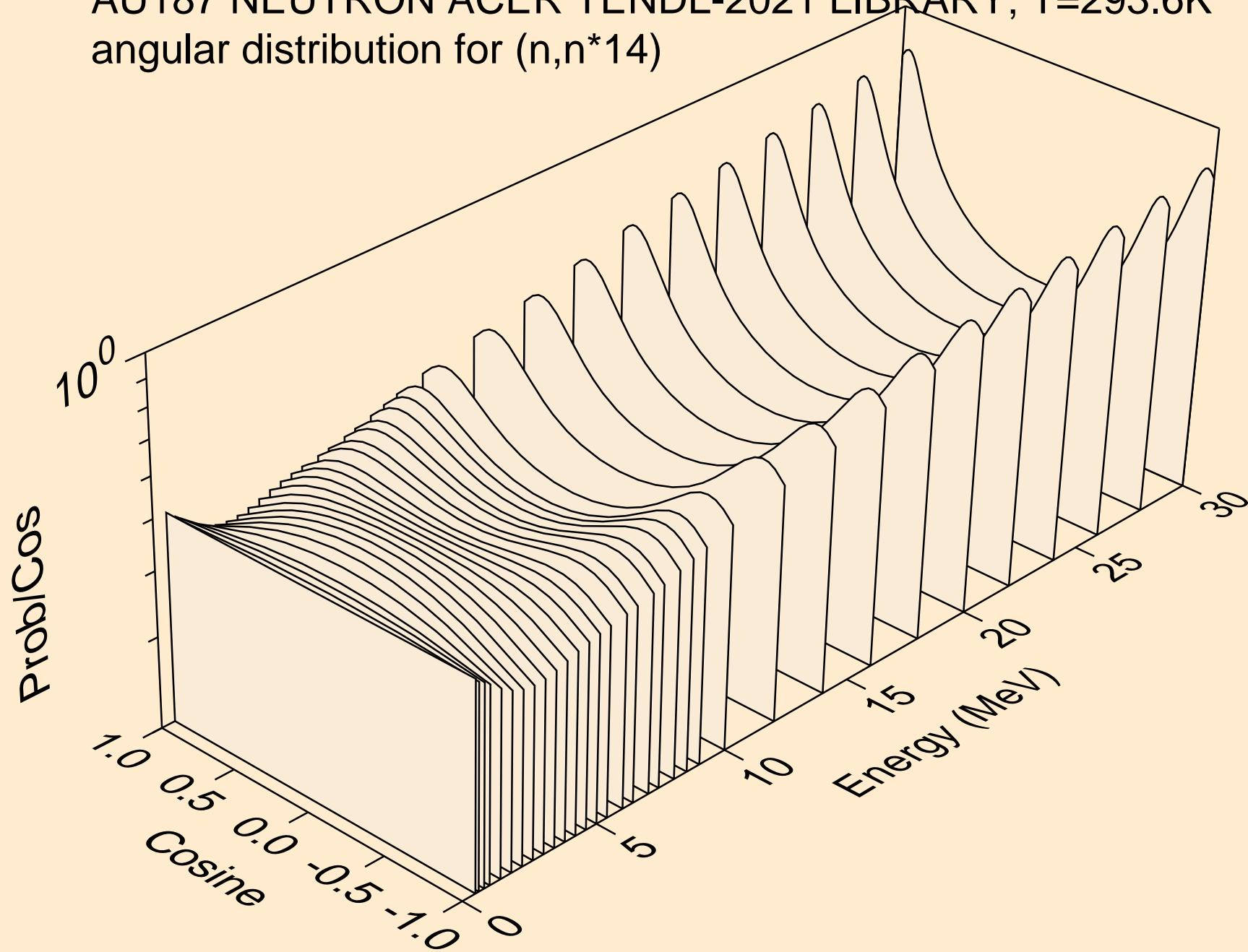
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angular distribution for (n,n\*12)



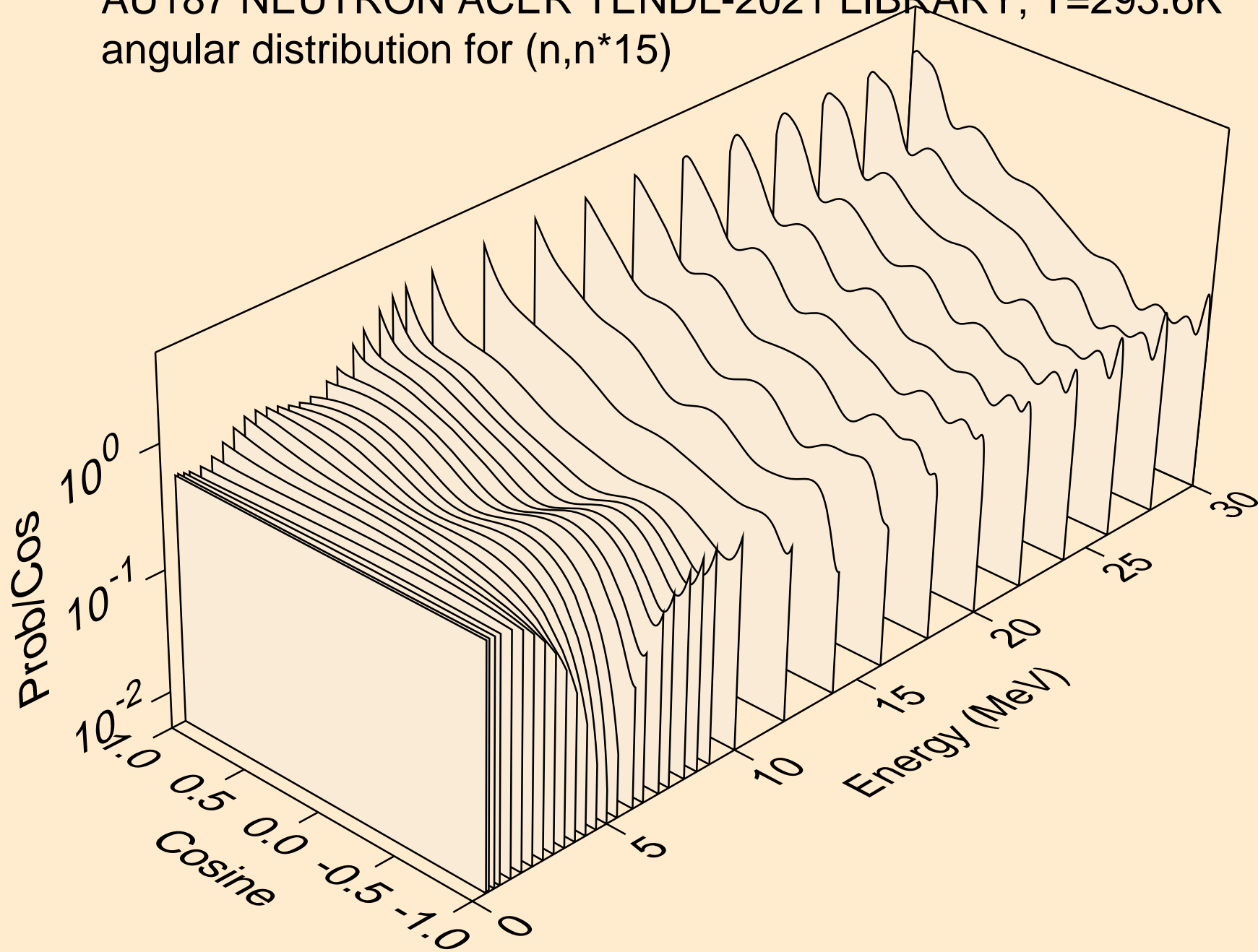
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

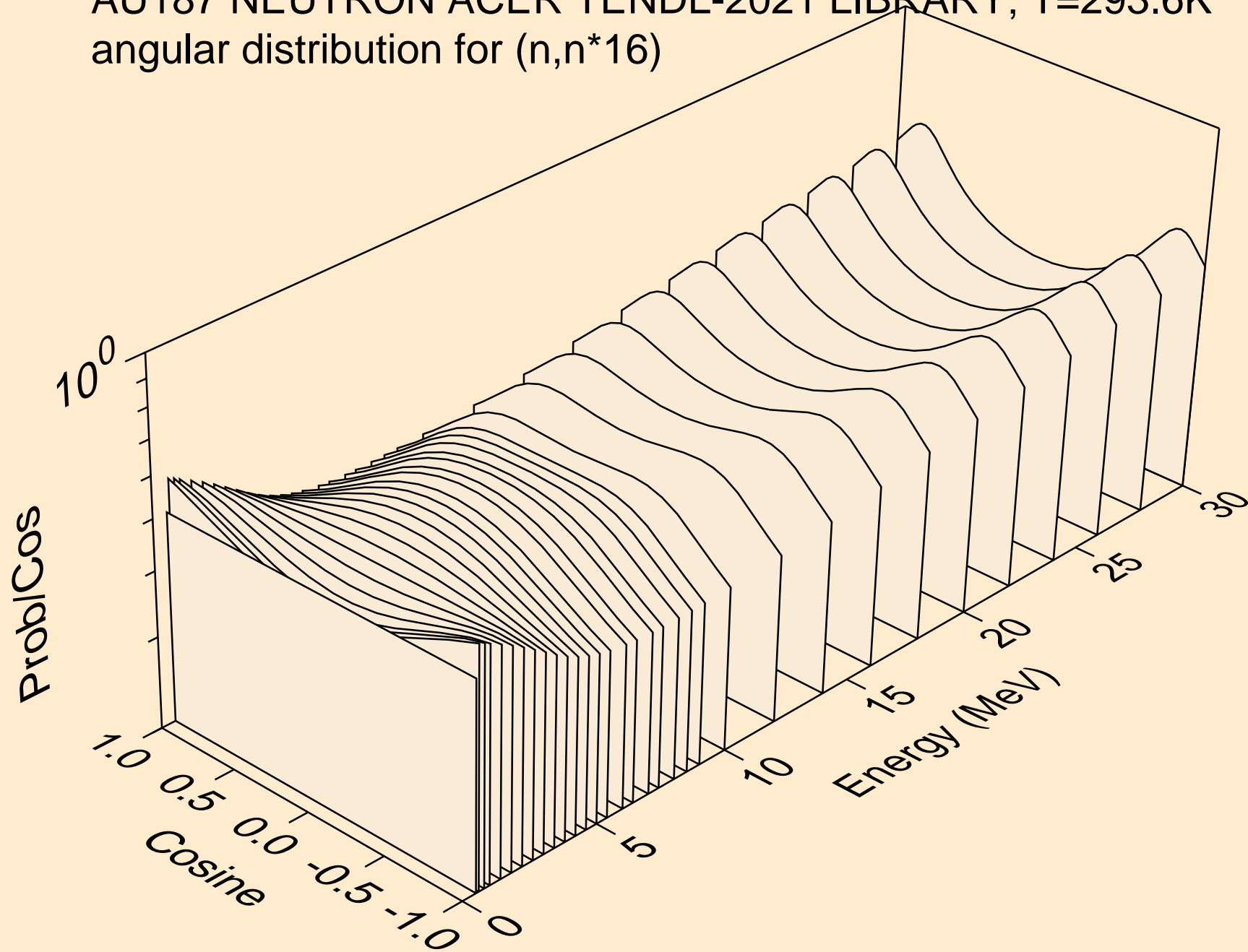


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

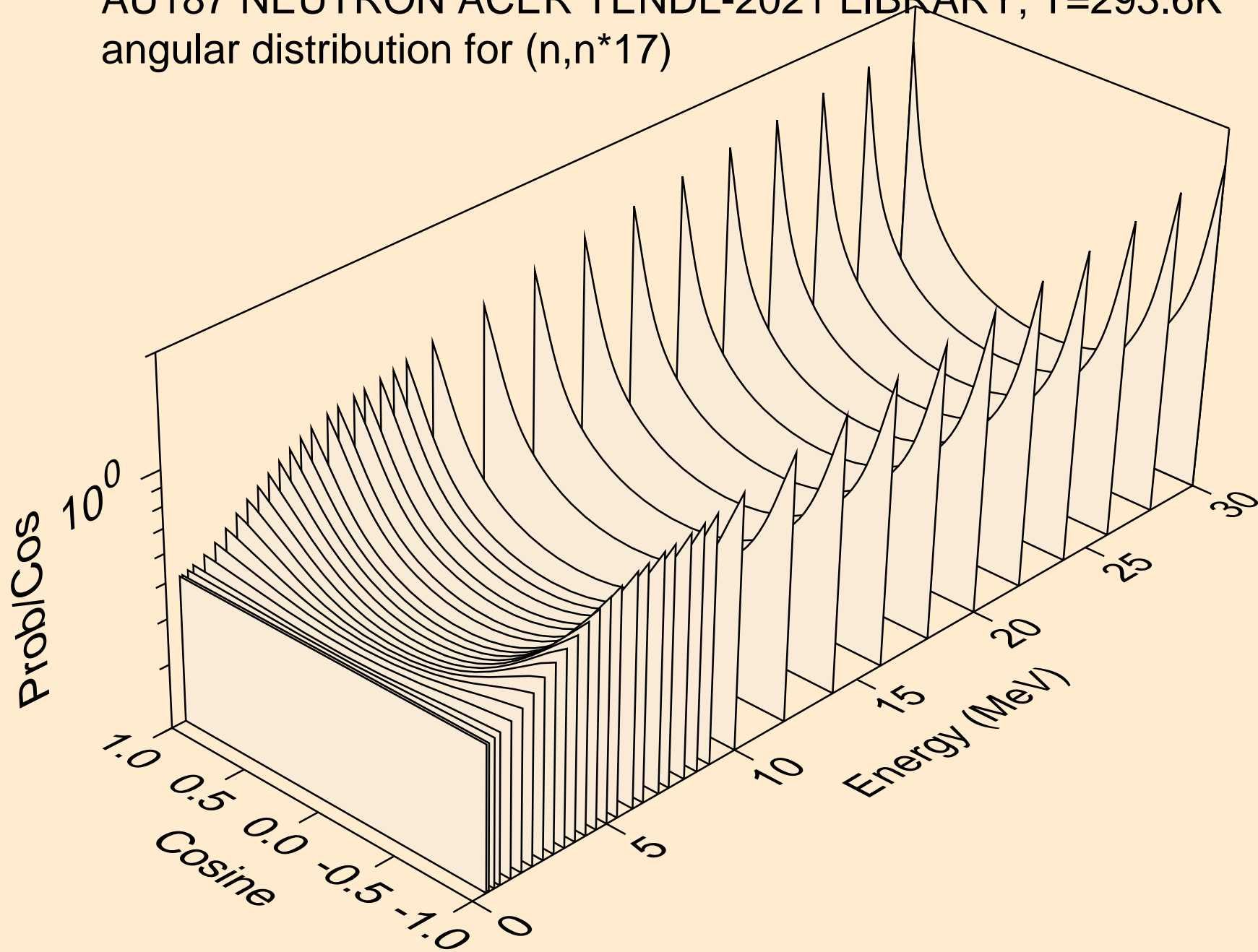




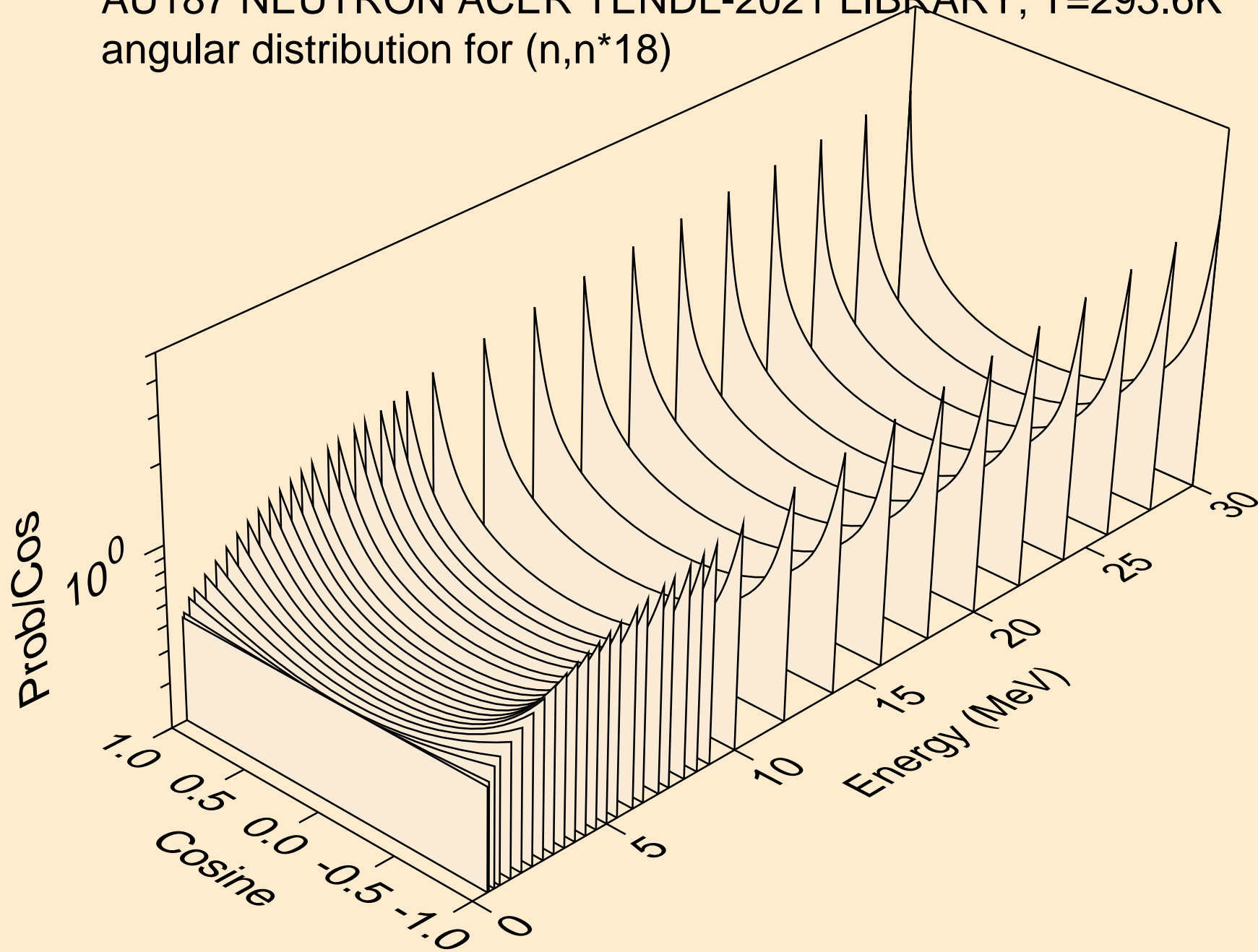
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angular distribution for (n,n\*16)



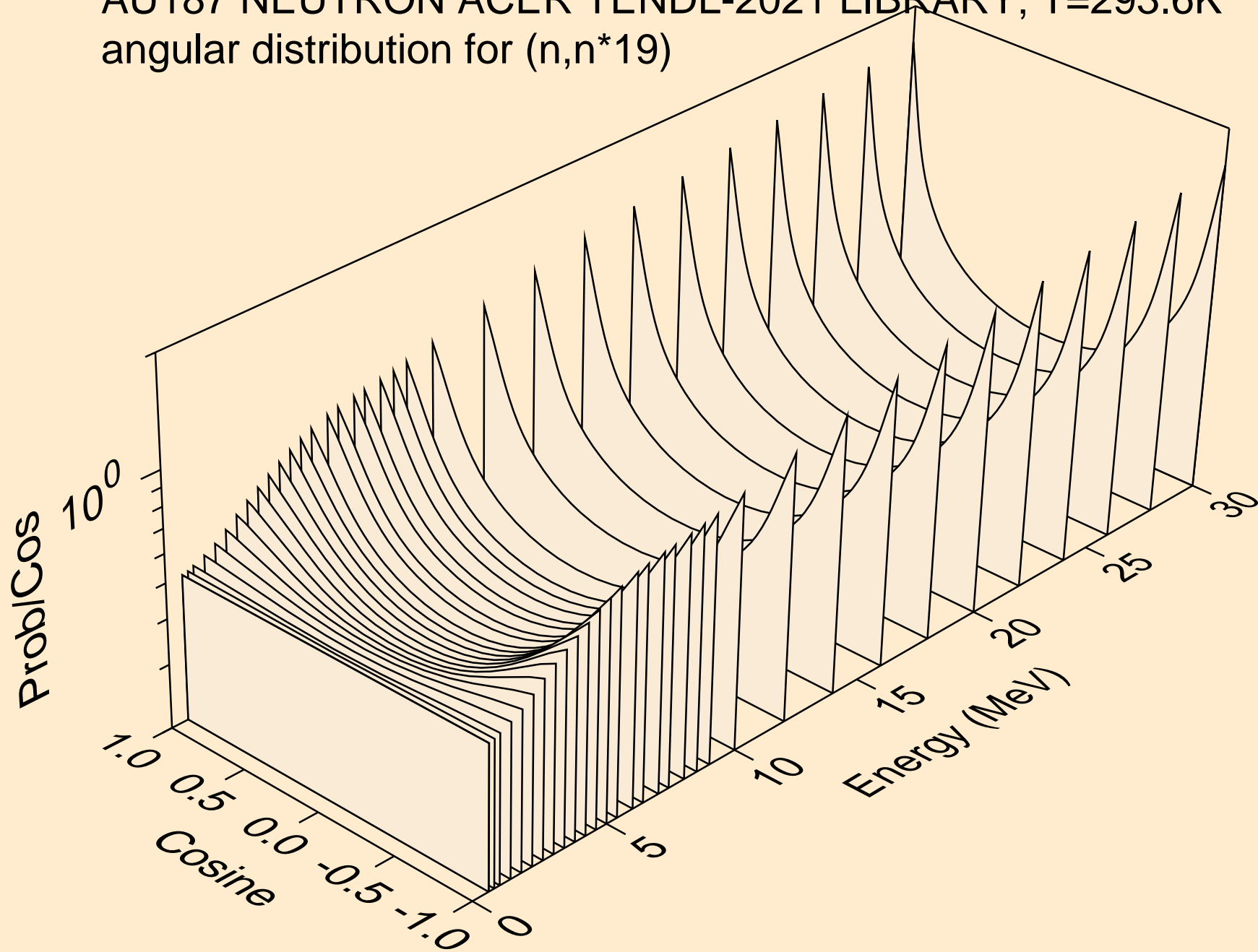
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angular distribution for (n,n\*17)



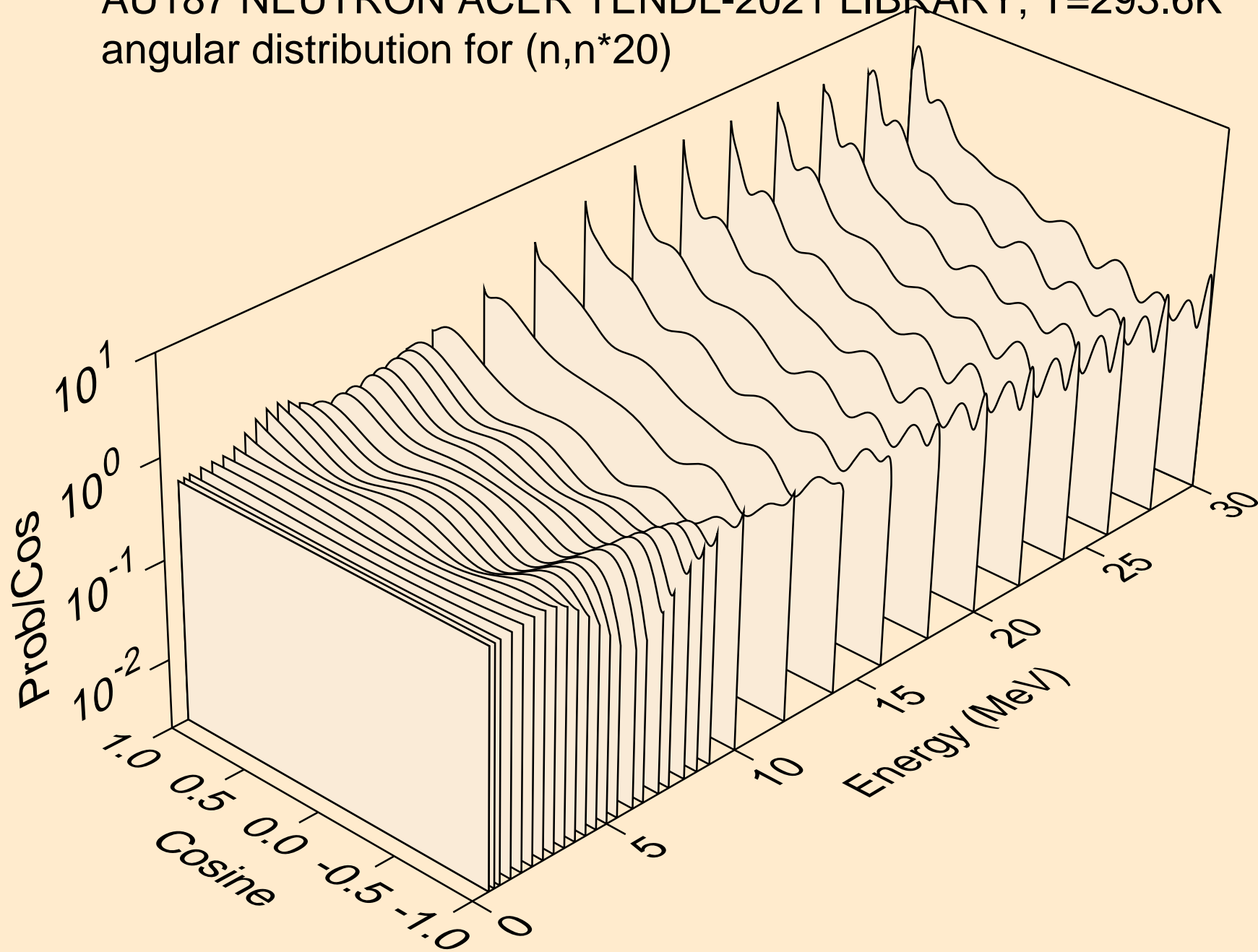
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angular distribution for (n,n\*18)



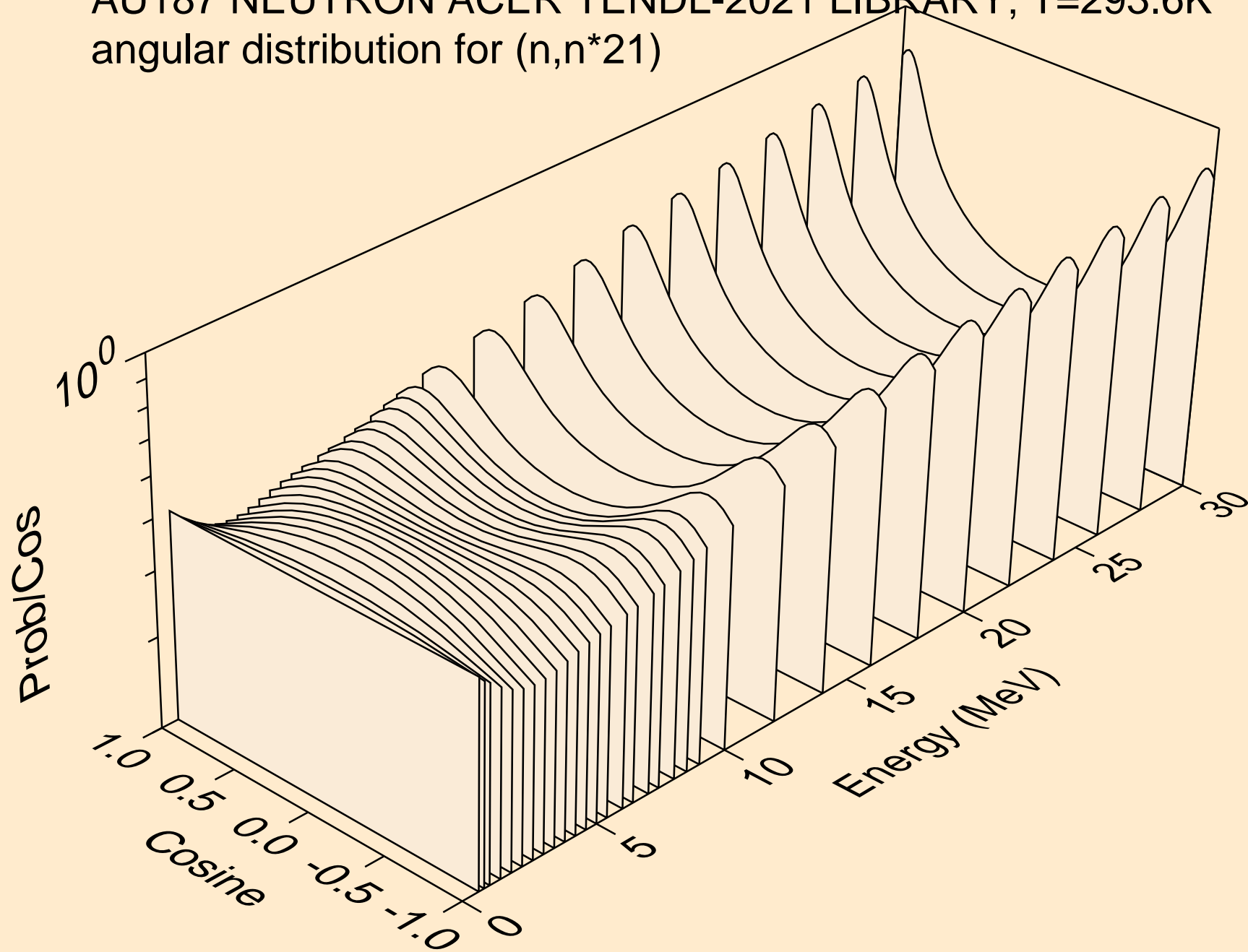
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angular distribution for (n,n\*19)



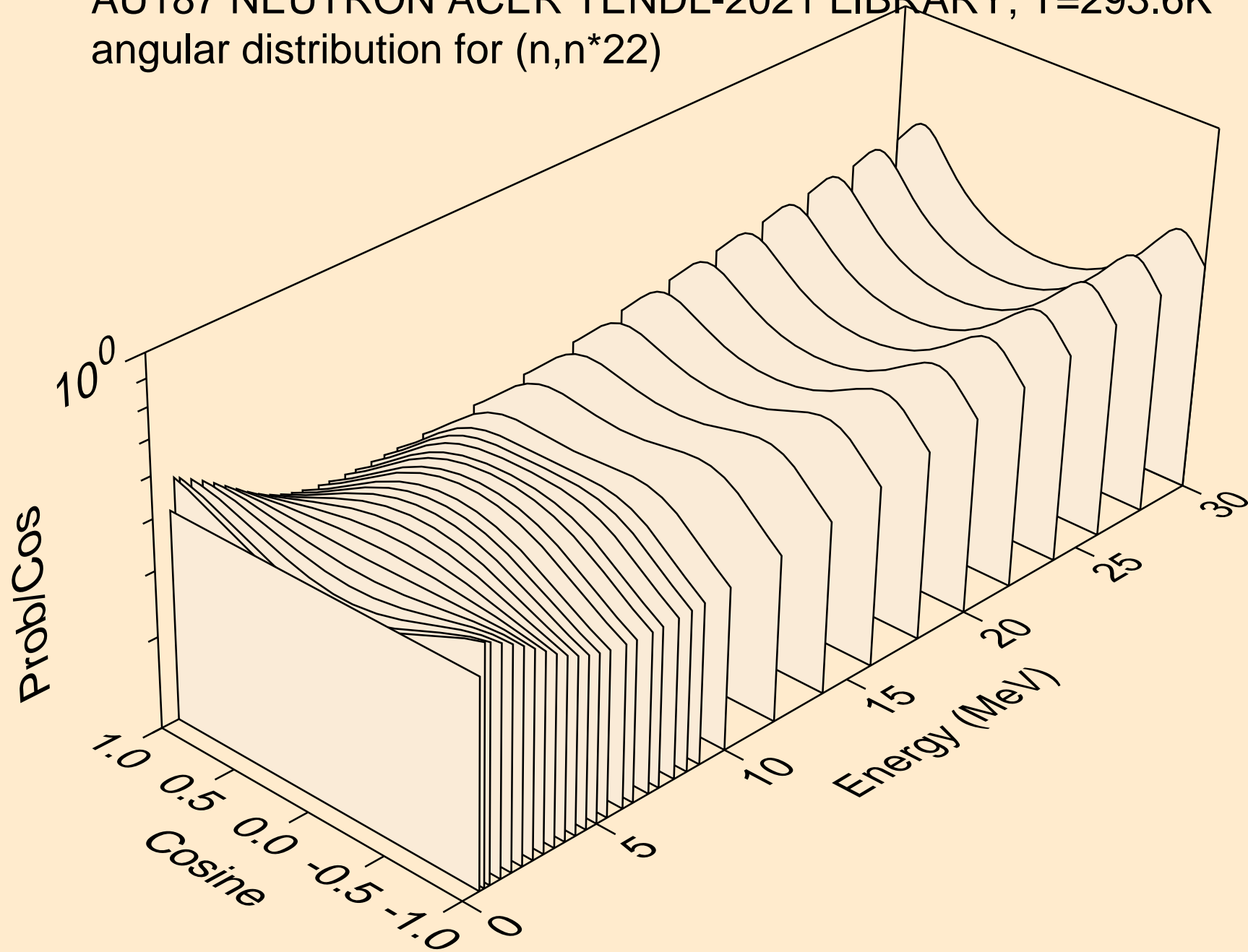
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angular distribution for (n,n\*20)



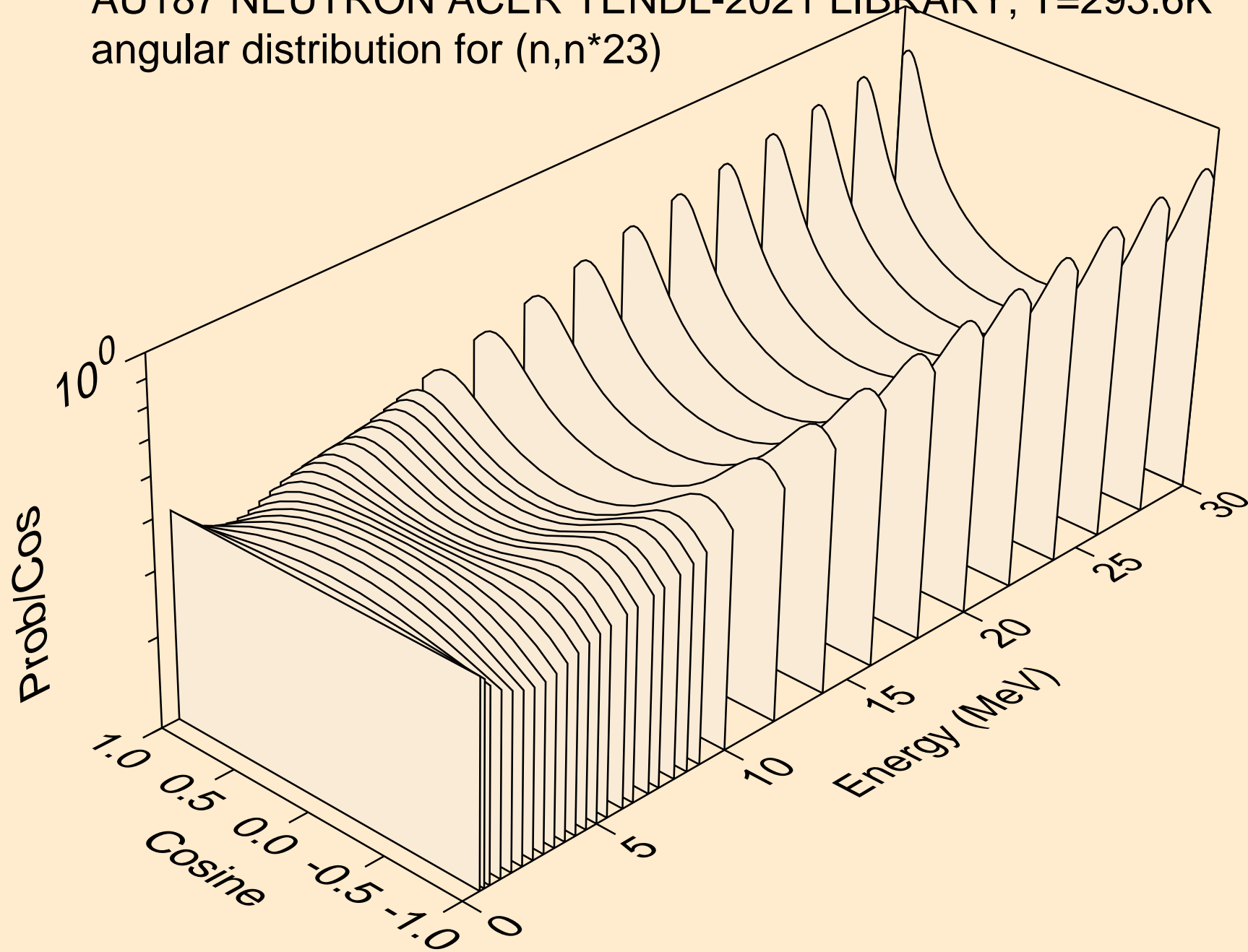
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

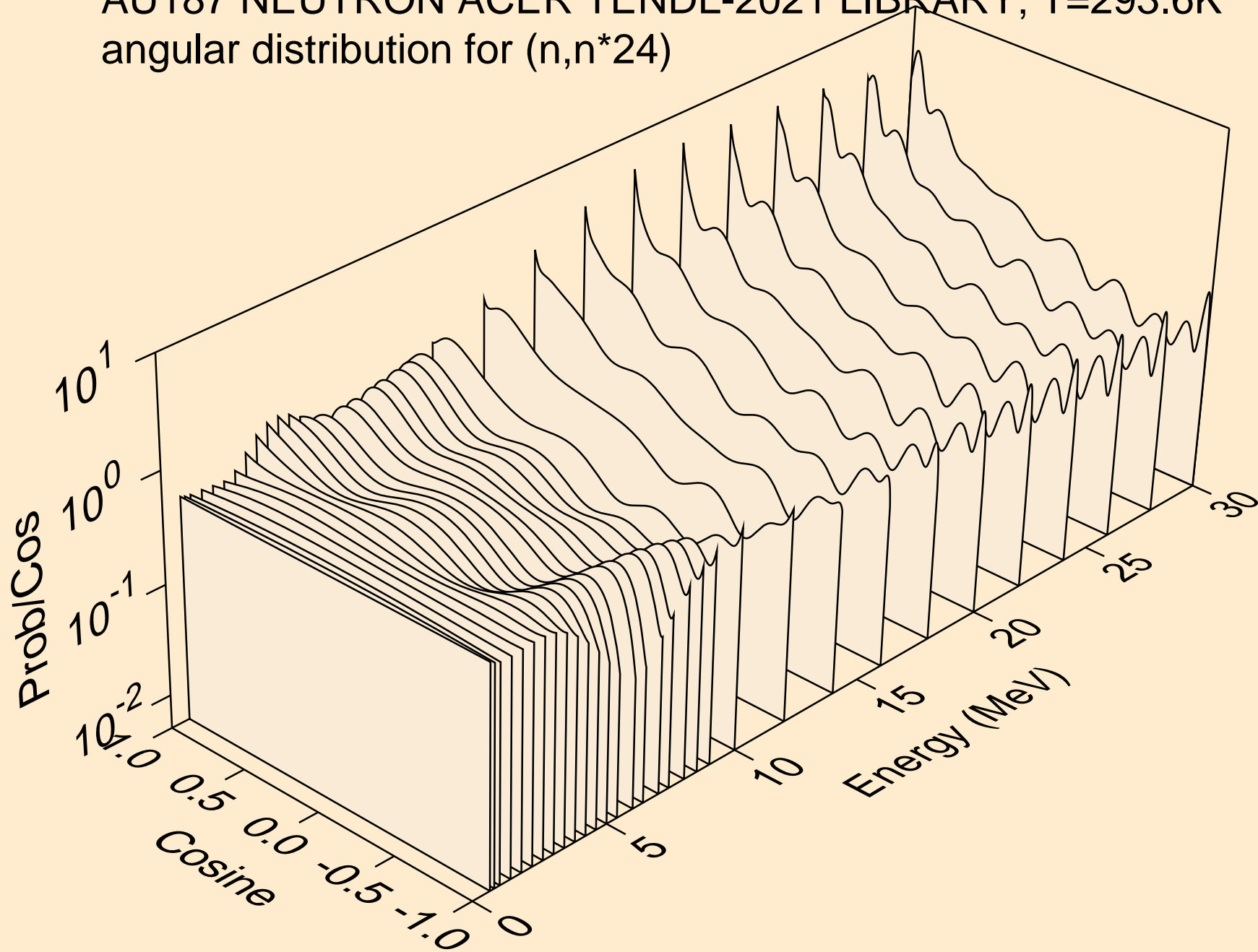


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

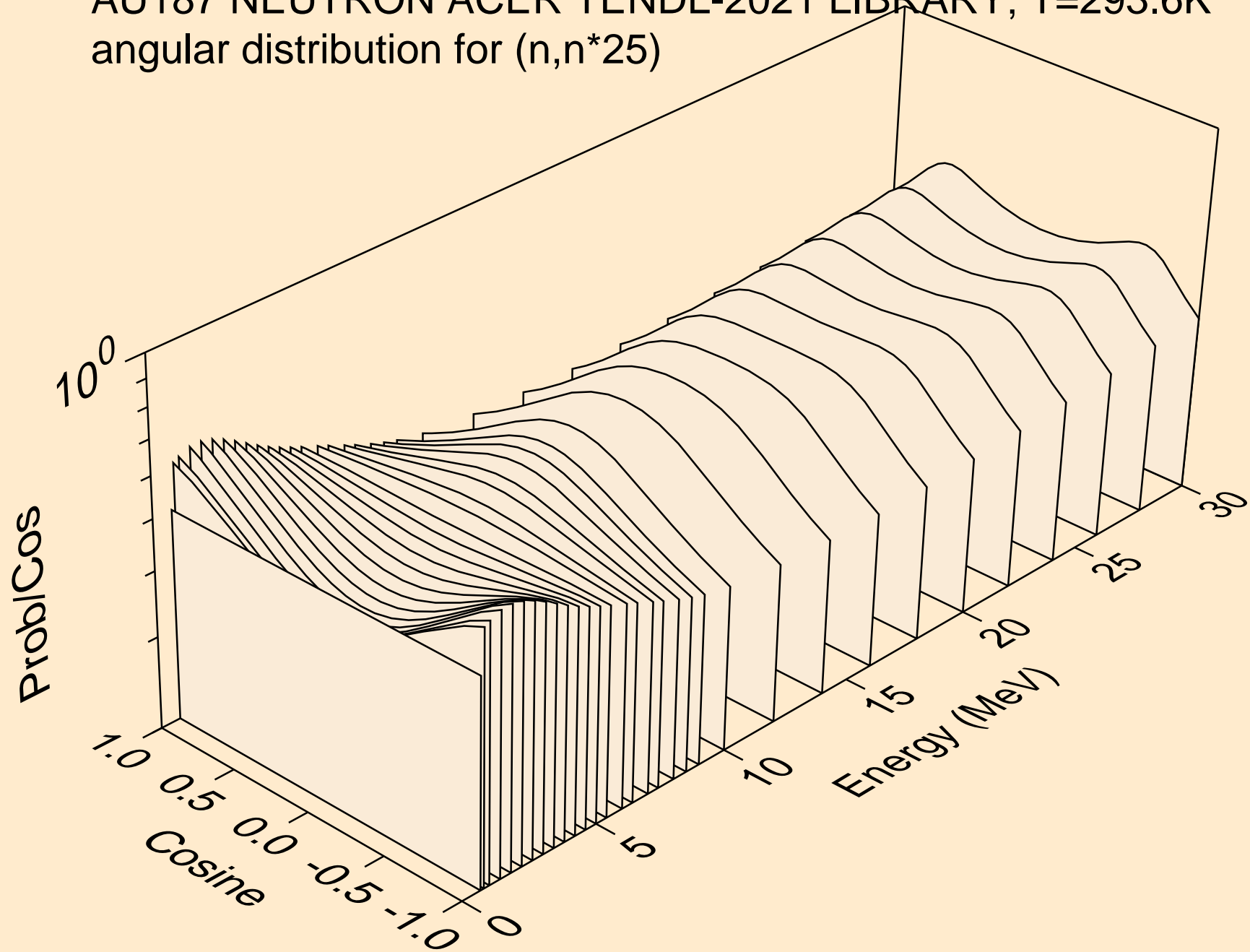




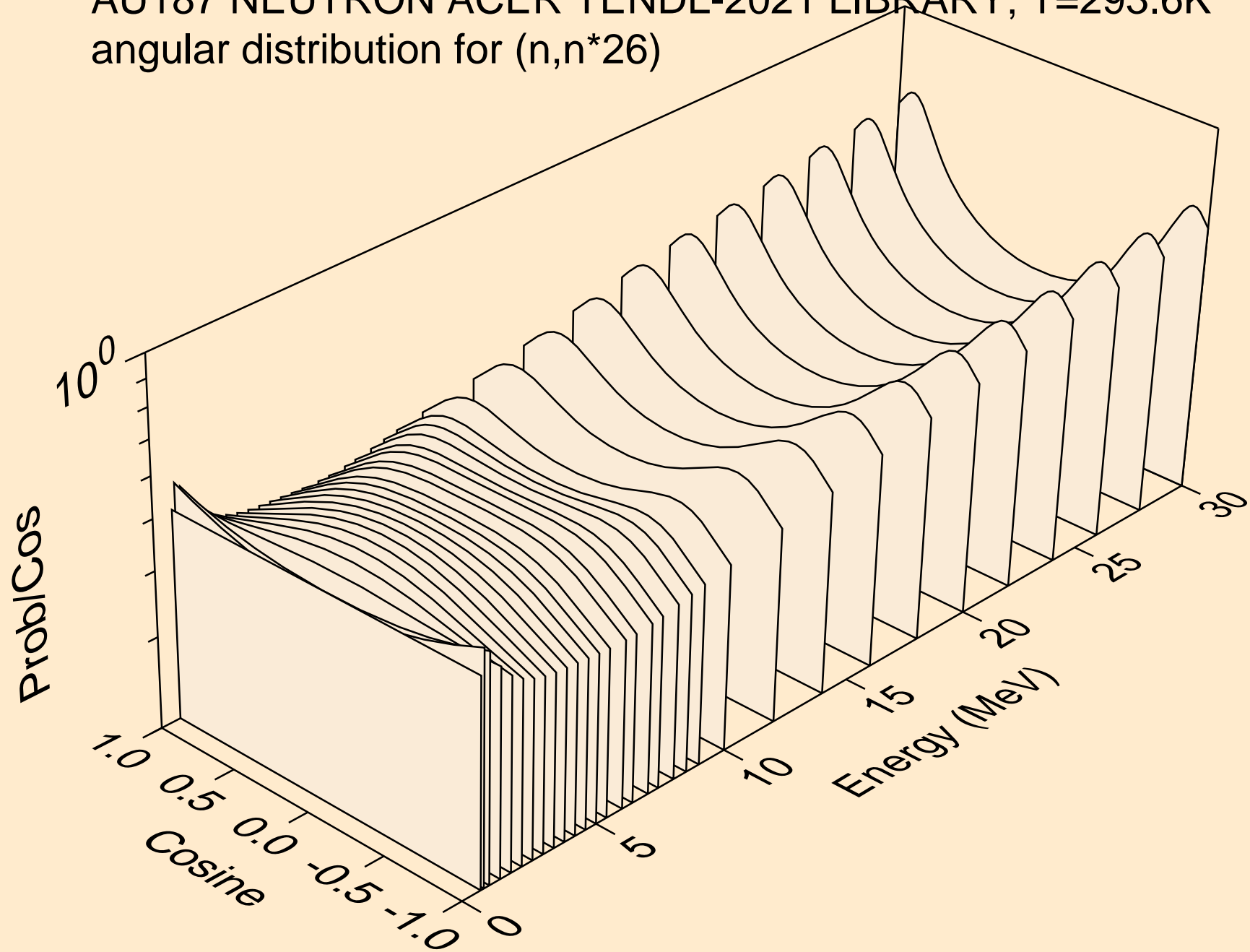
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angular distribution for (n,n\*24)



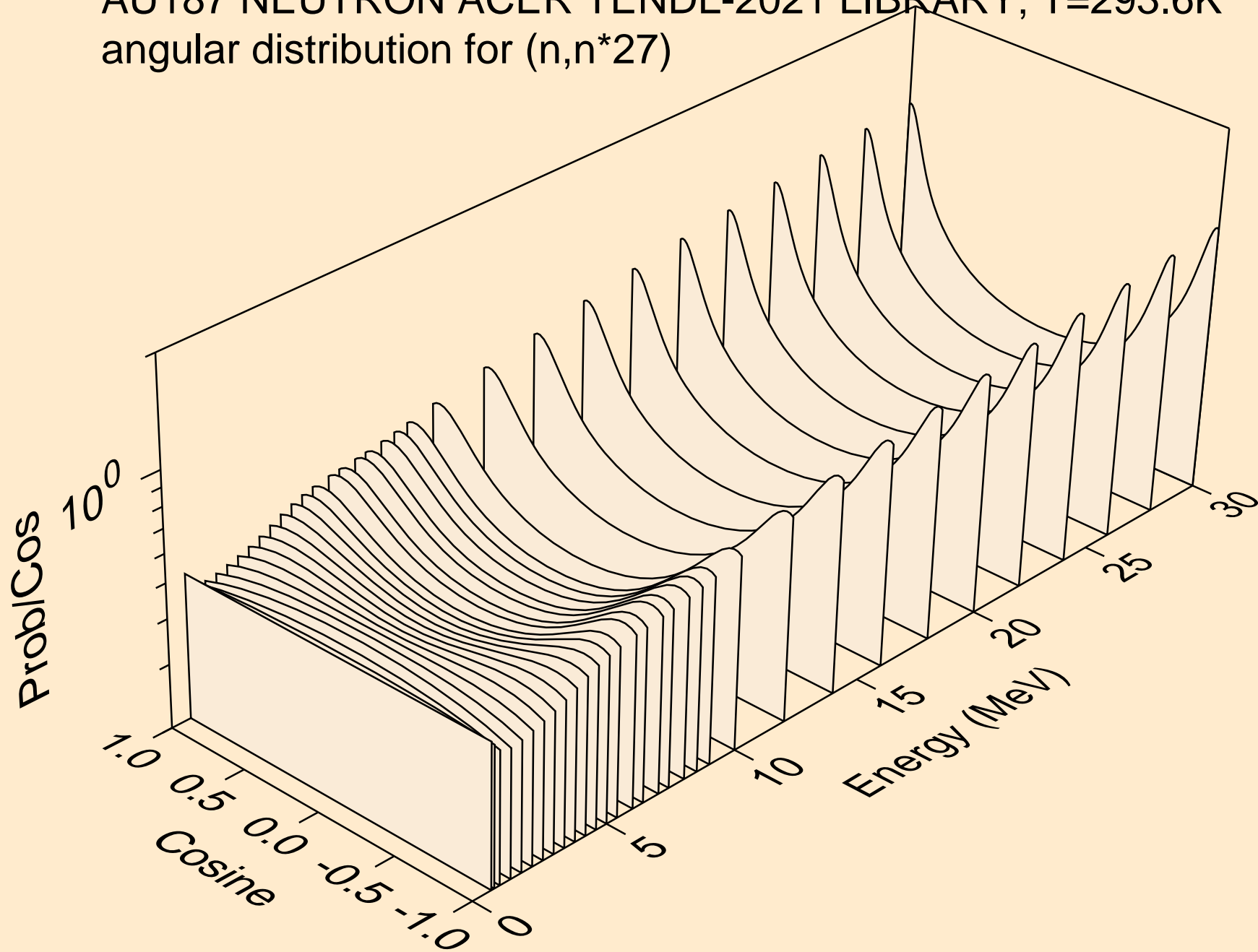
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angular distribution for (n,n\*25)



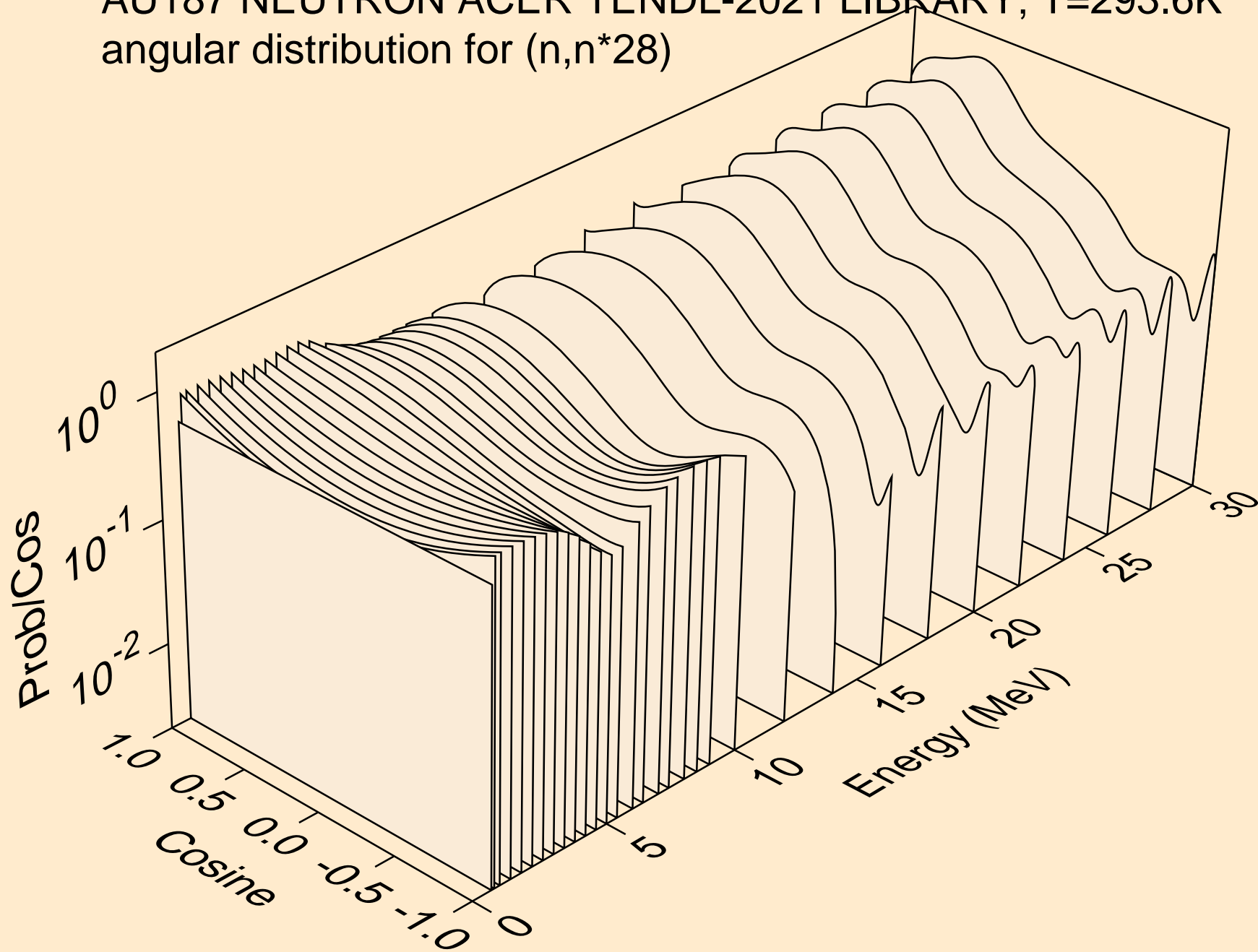
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angular distribution for (n,n\*26)



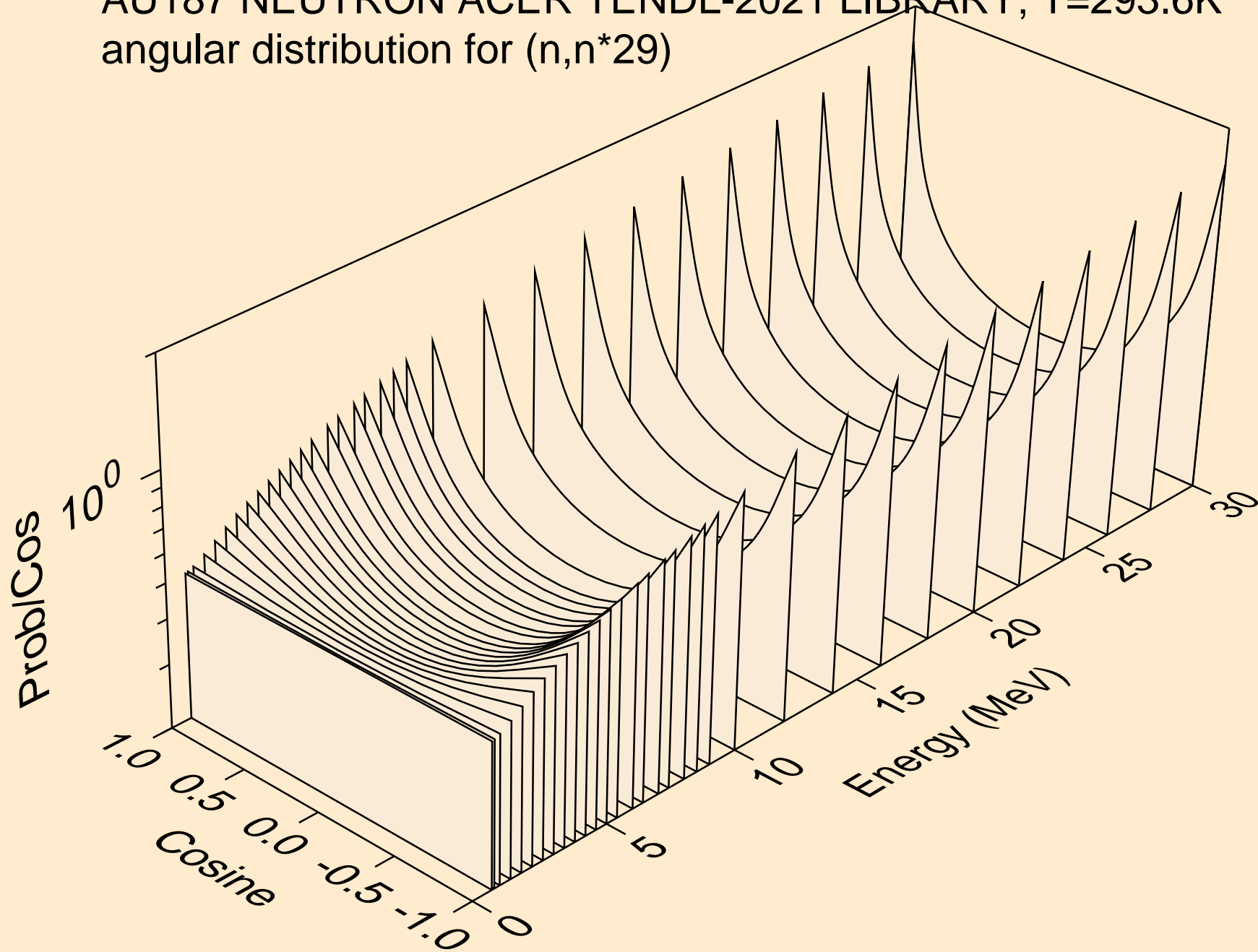
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angular distribution for (n,n\*27)



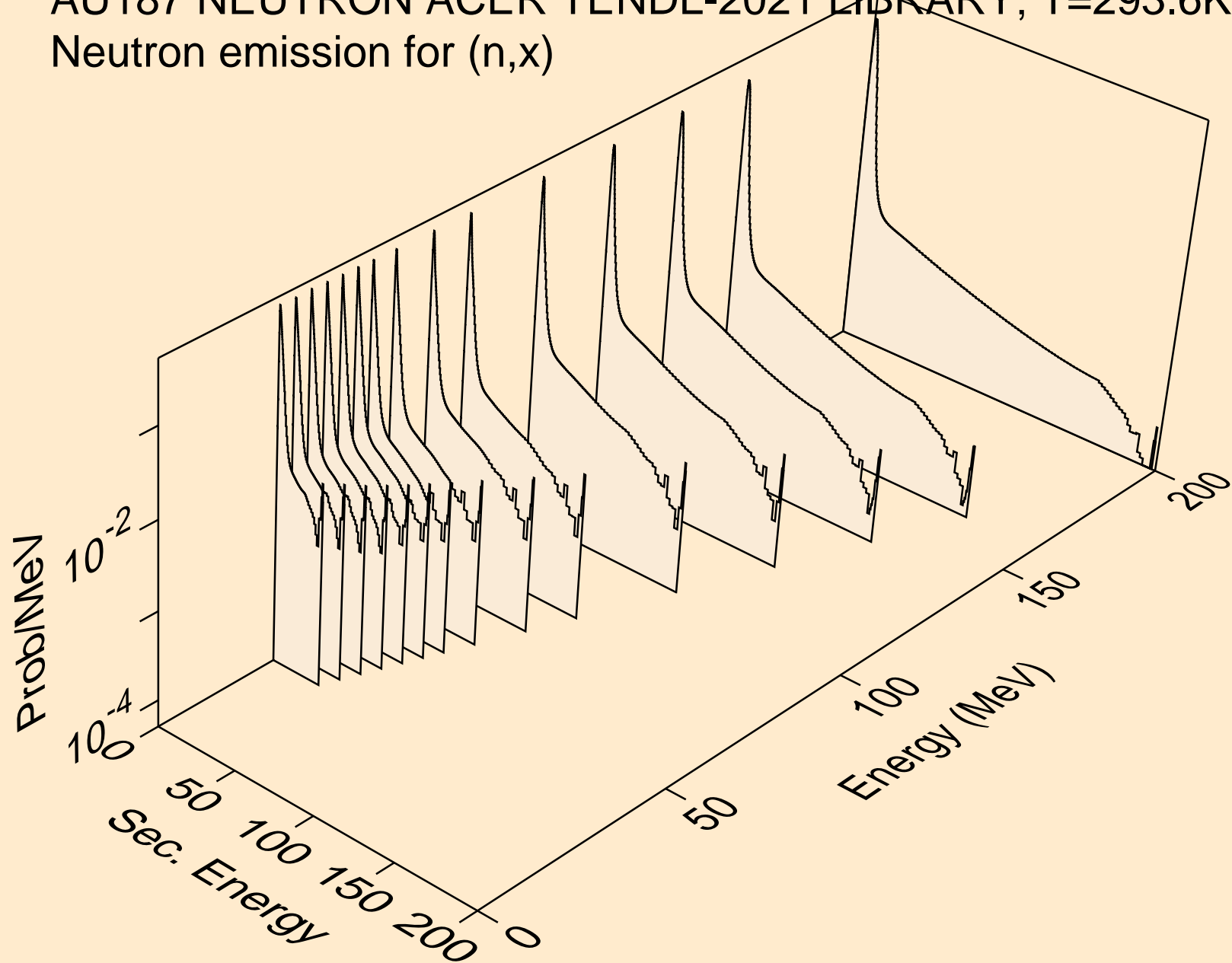
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angular distribution for (n,n\*28)



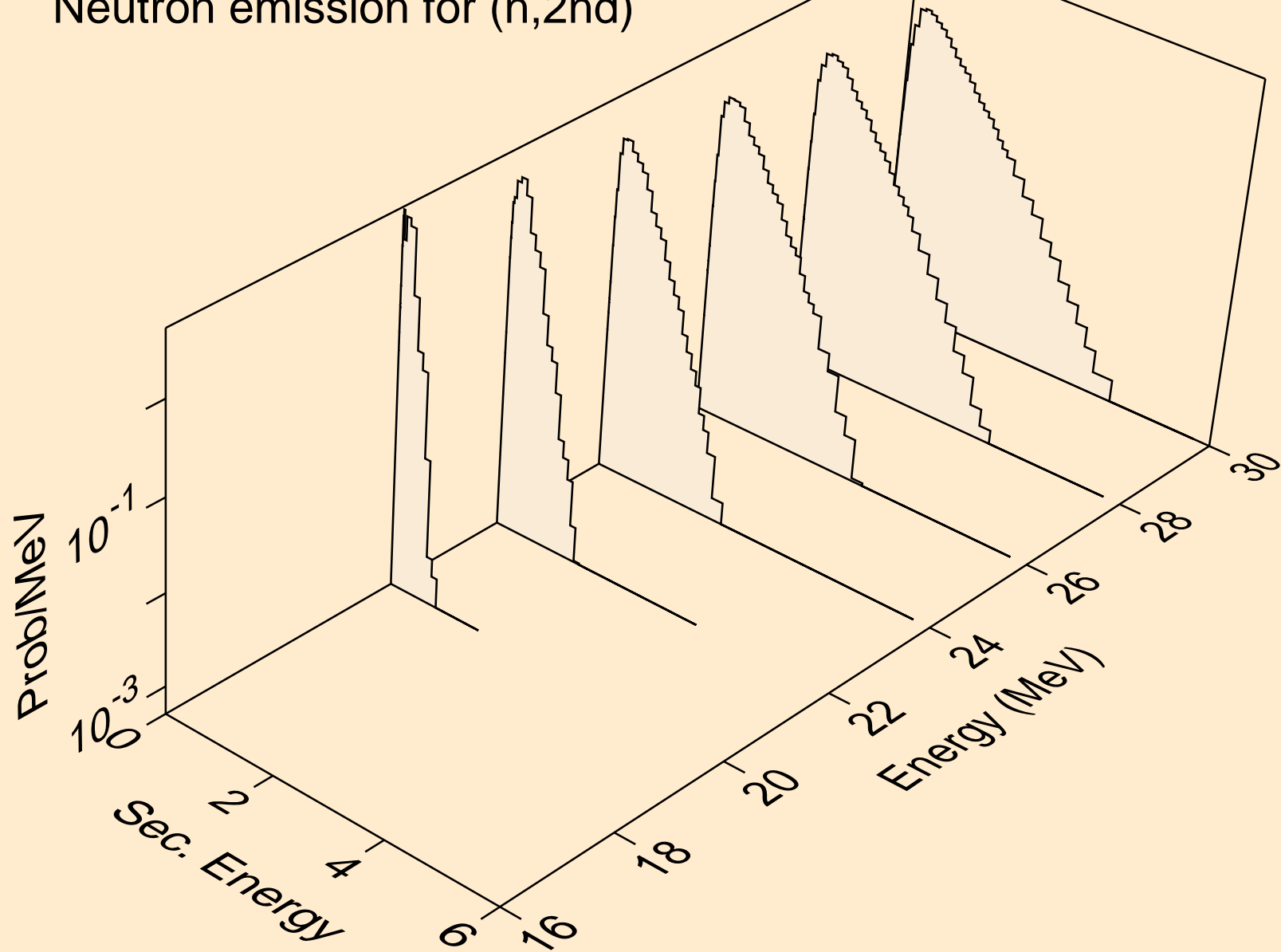
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

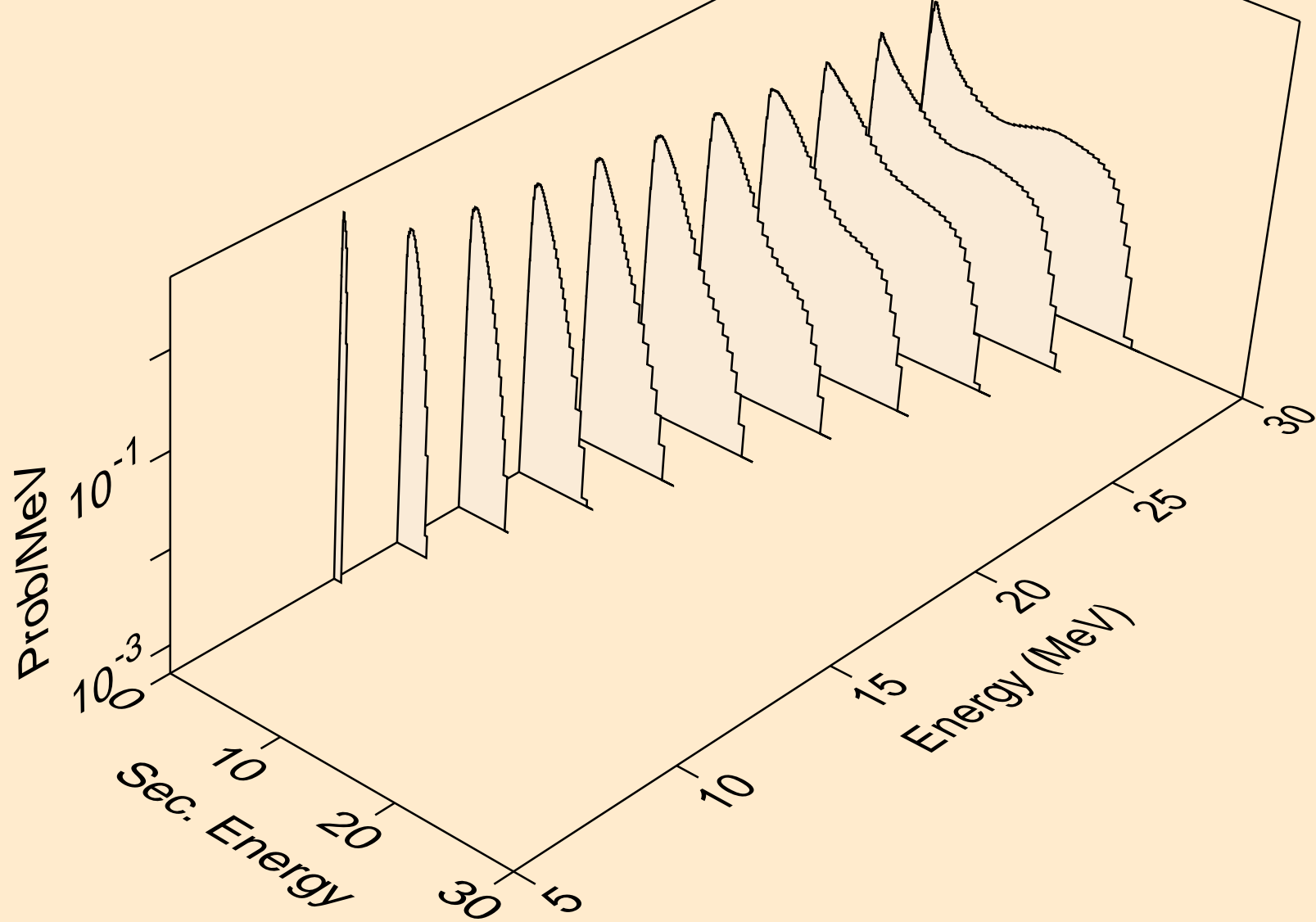


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

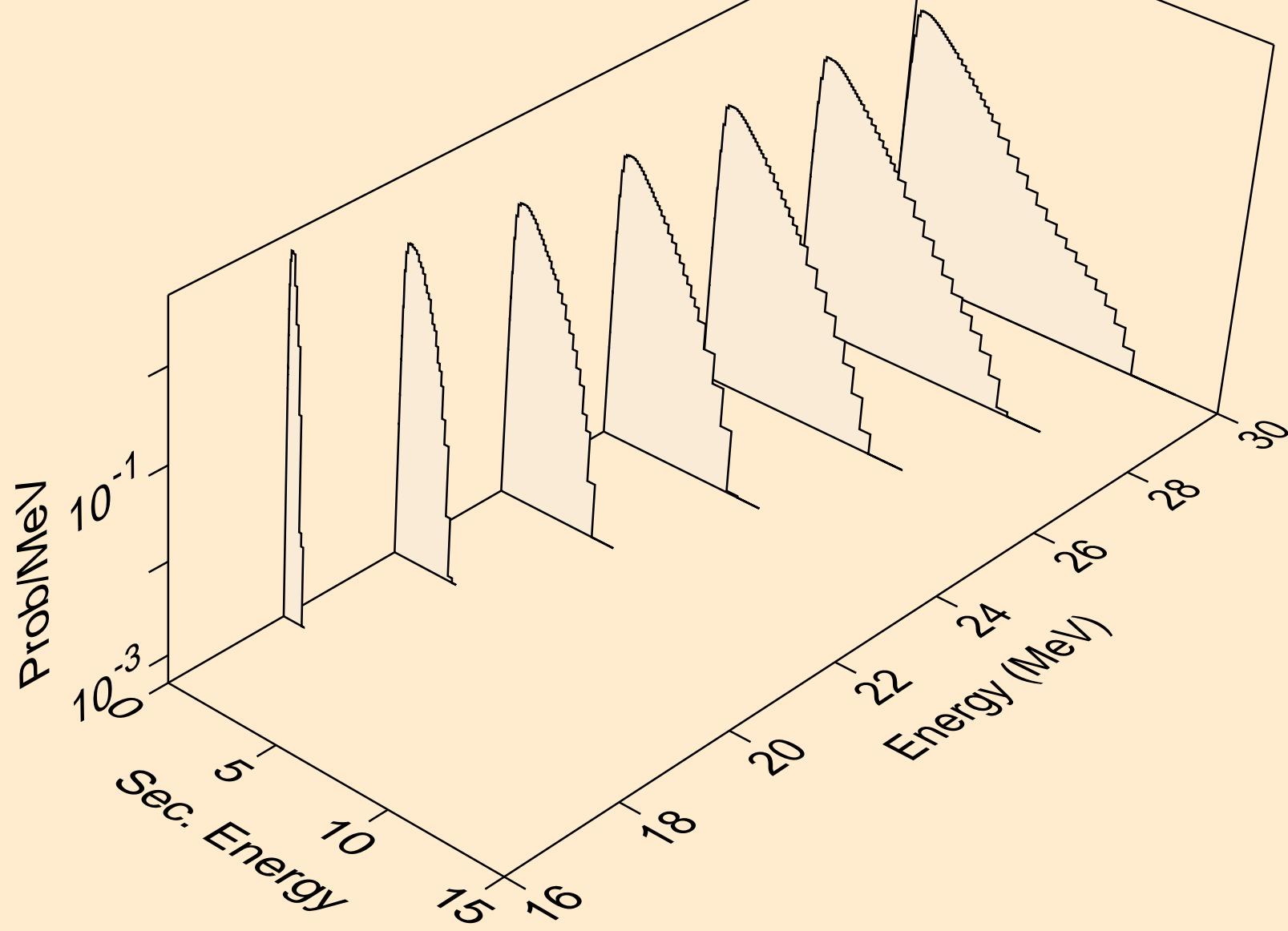




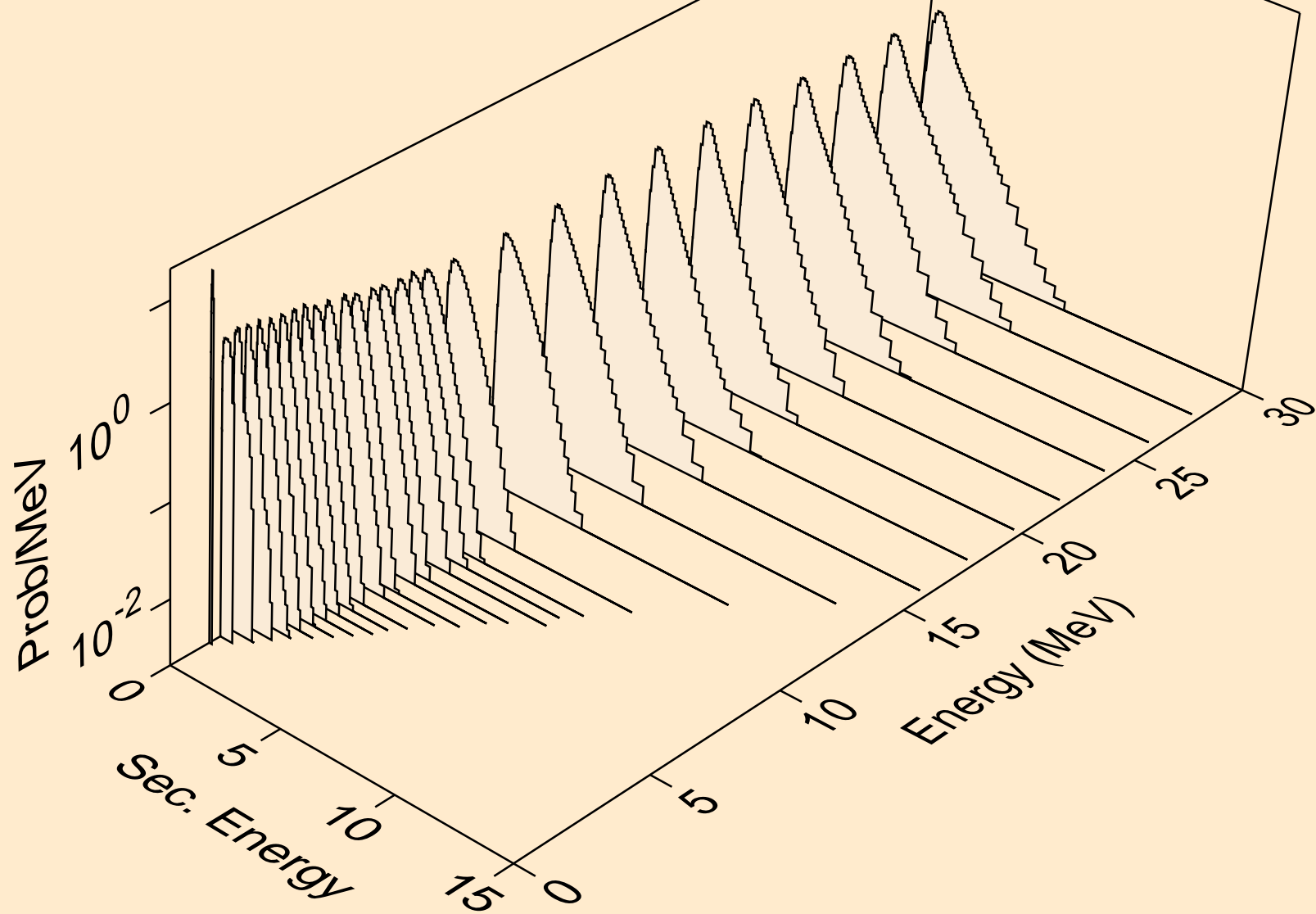
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



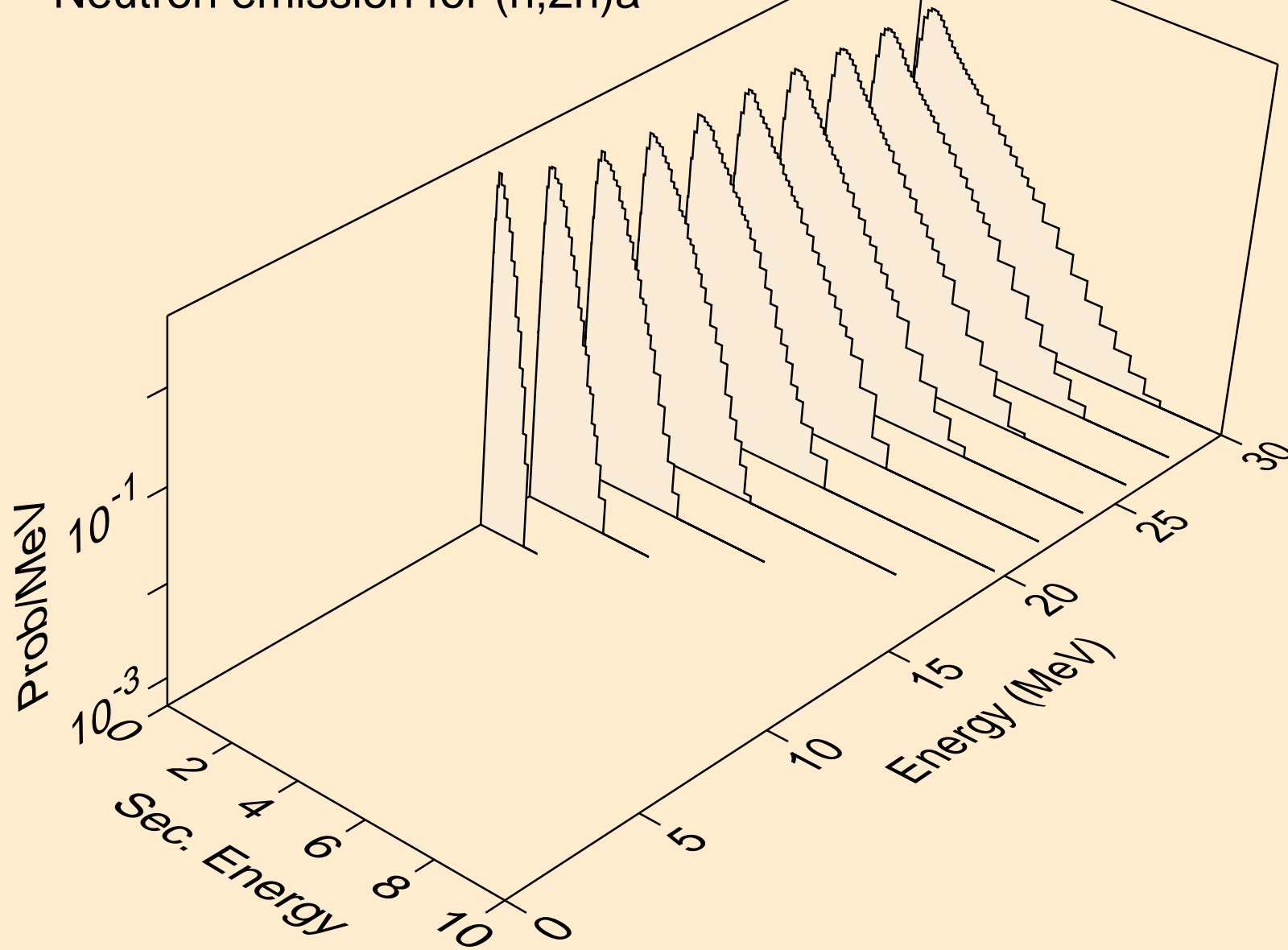
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



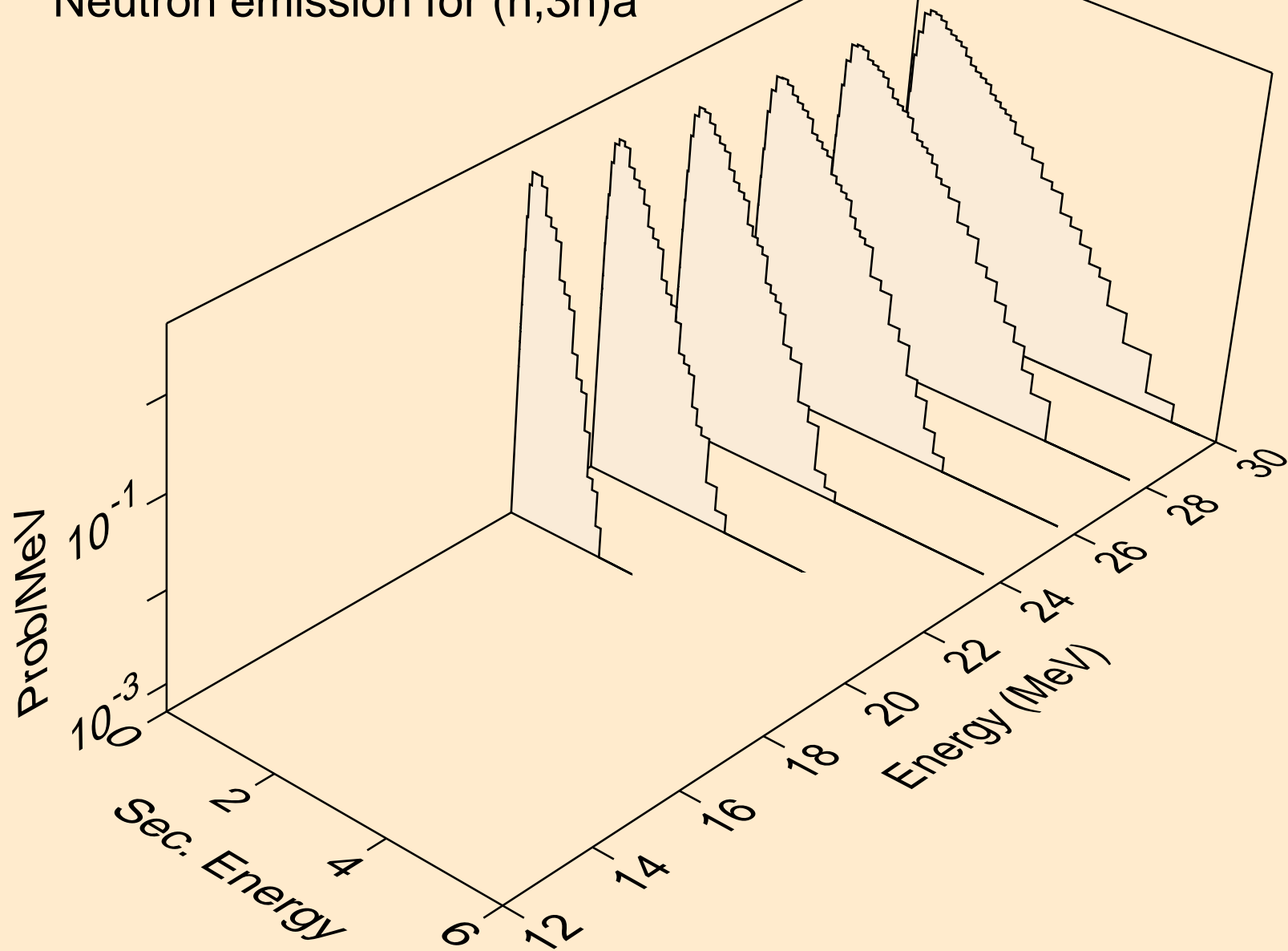
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



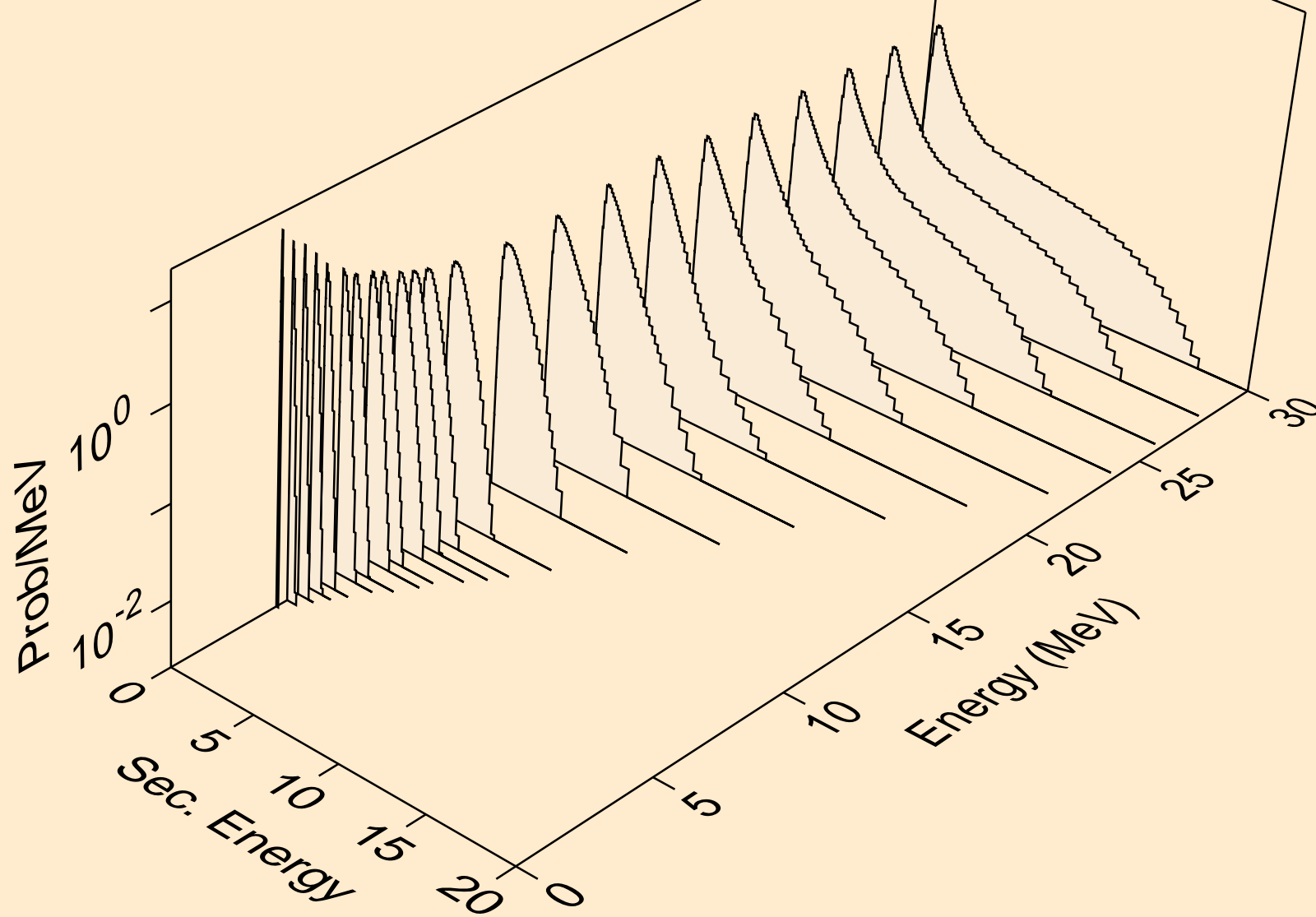
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



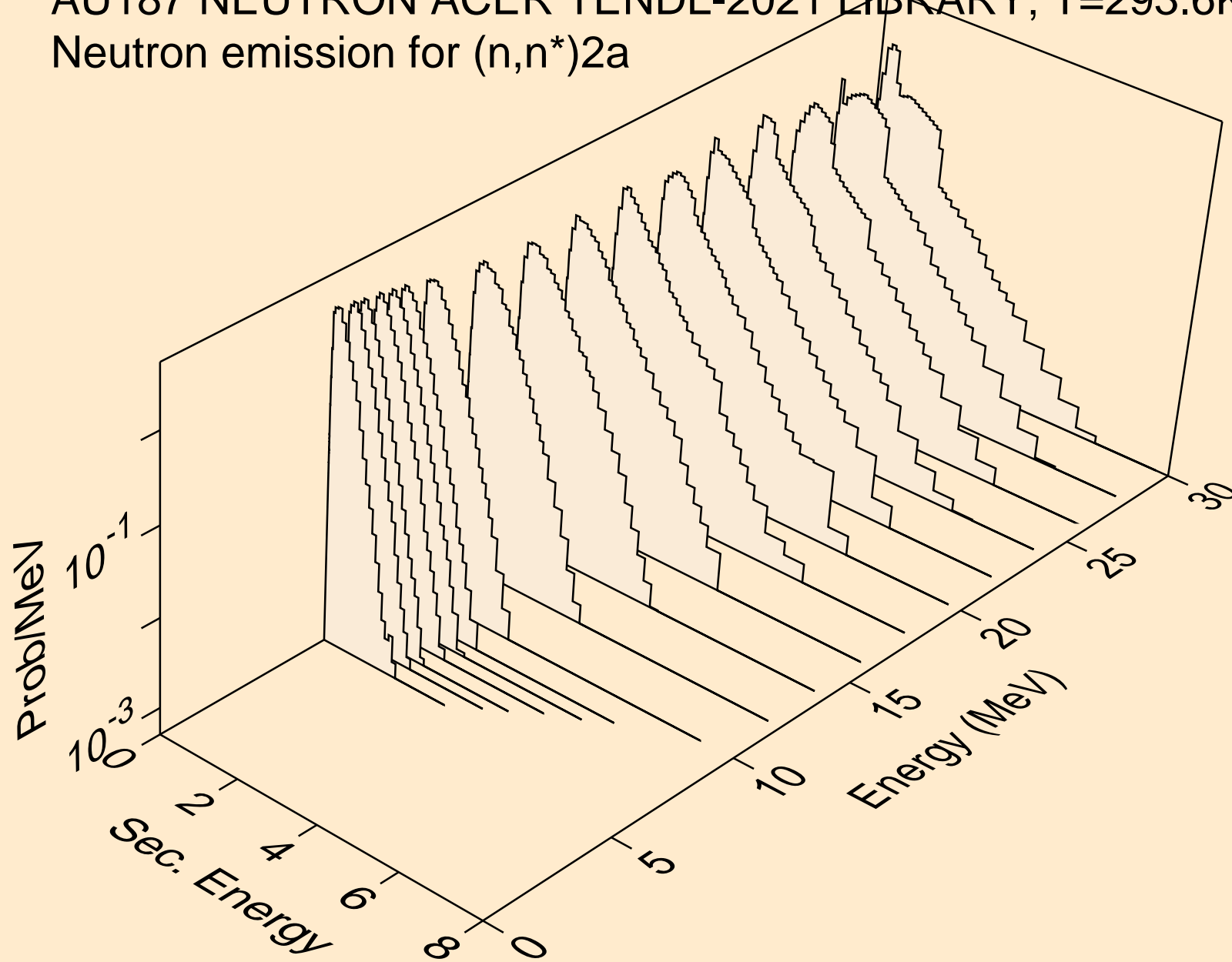
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



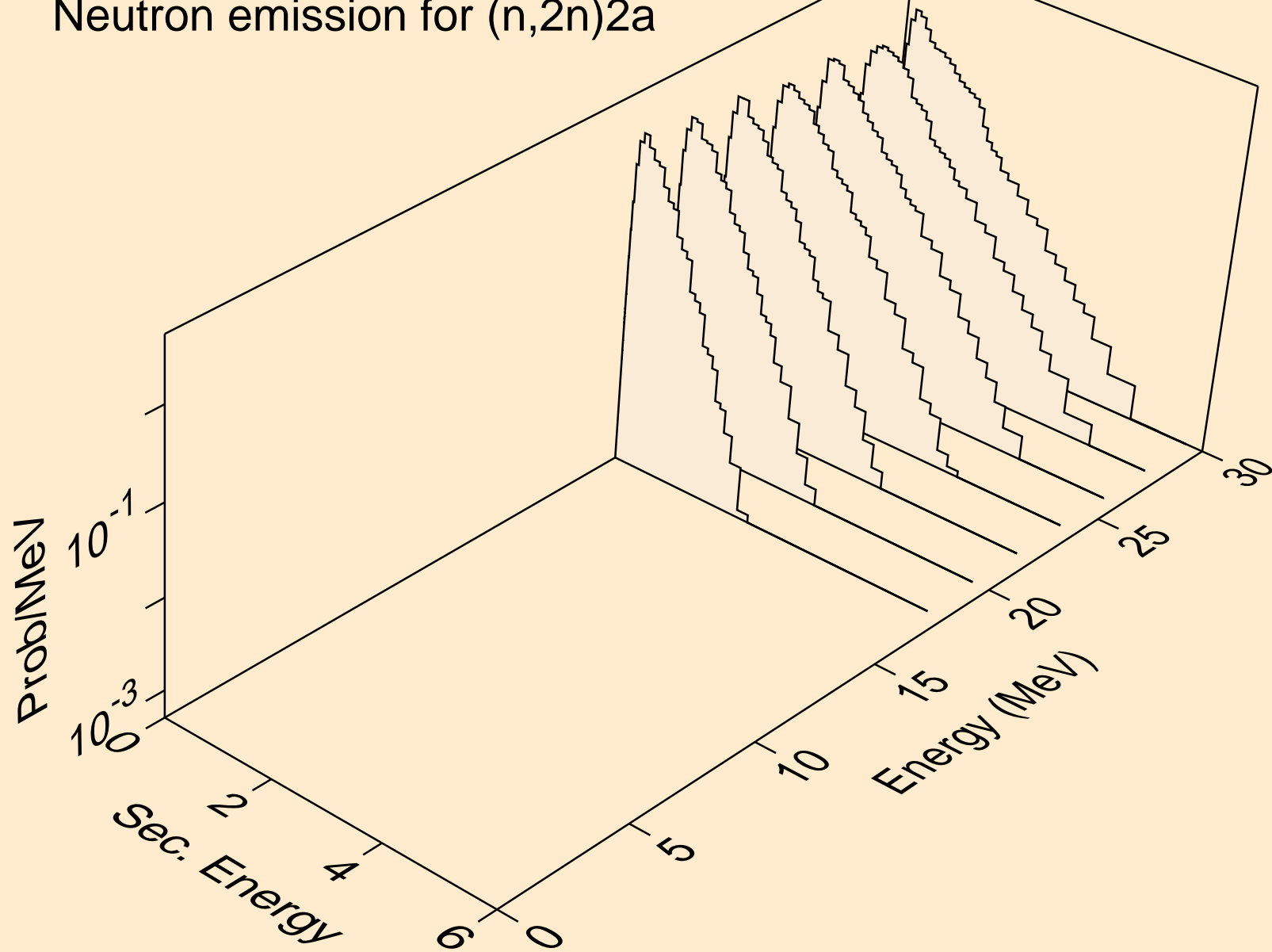
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

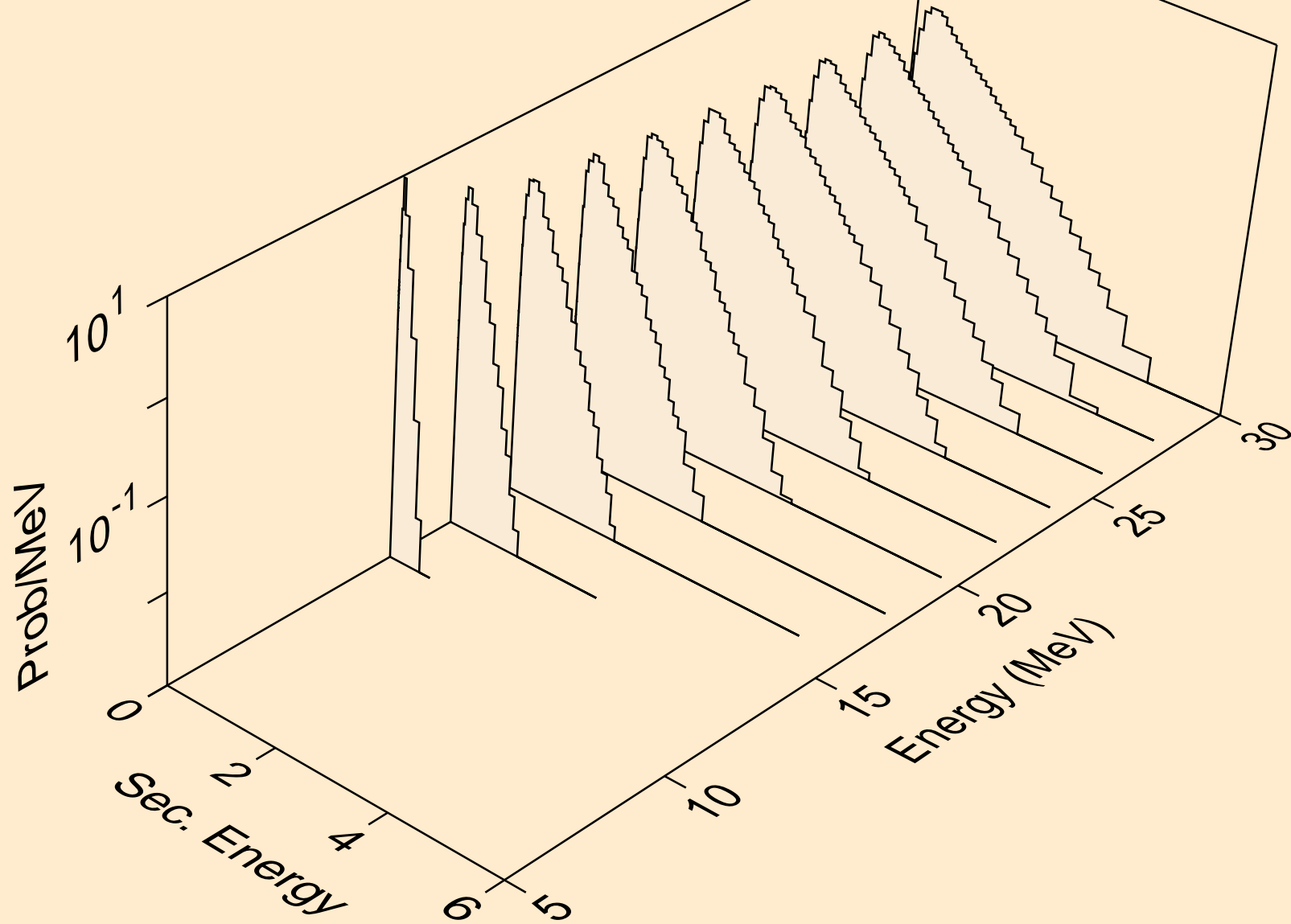


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

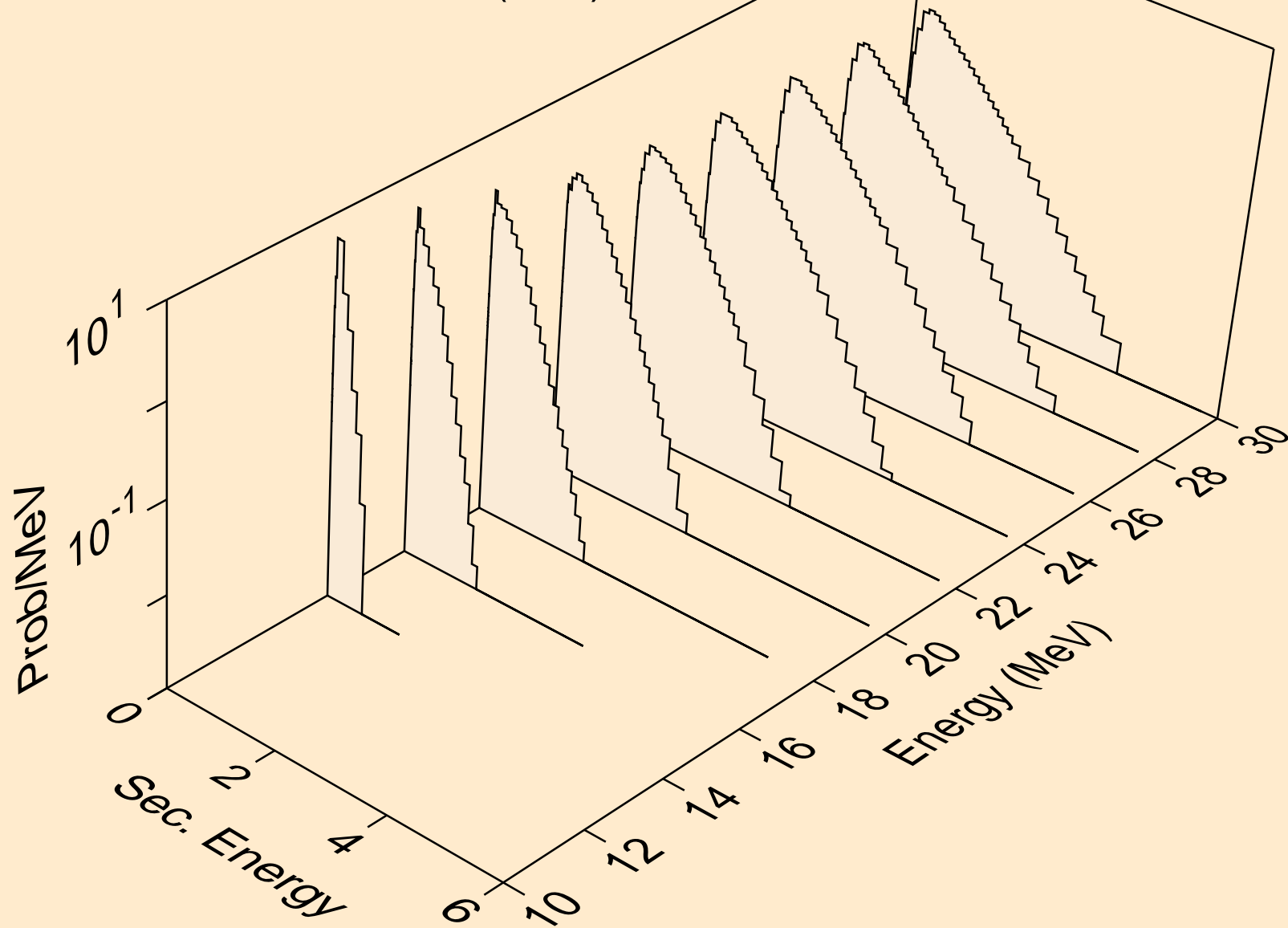




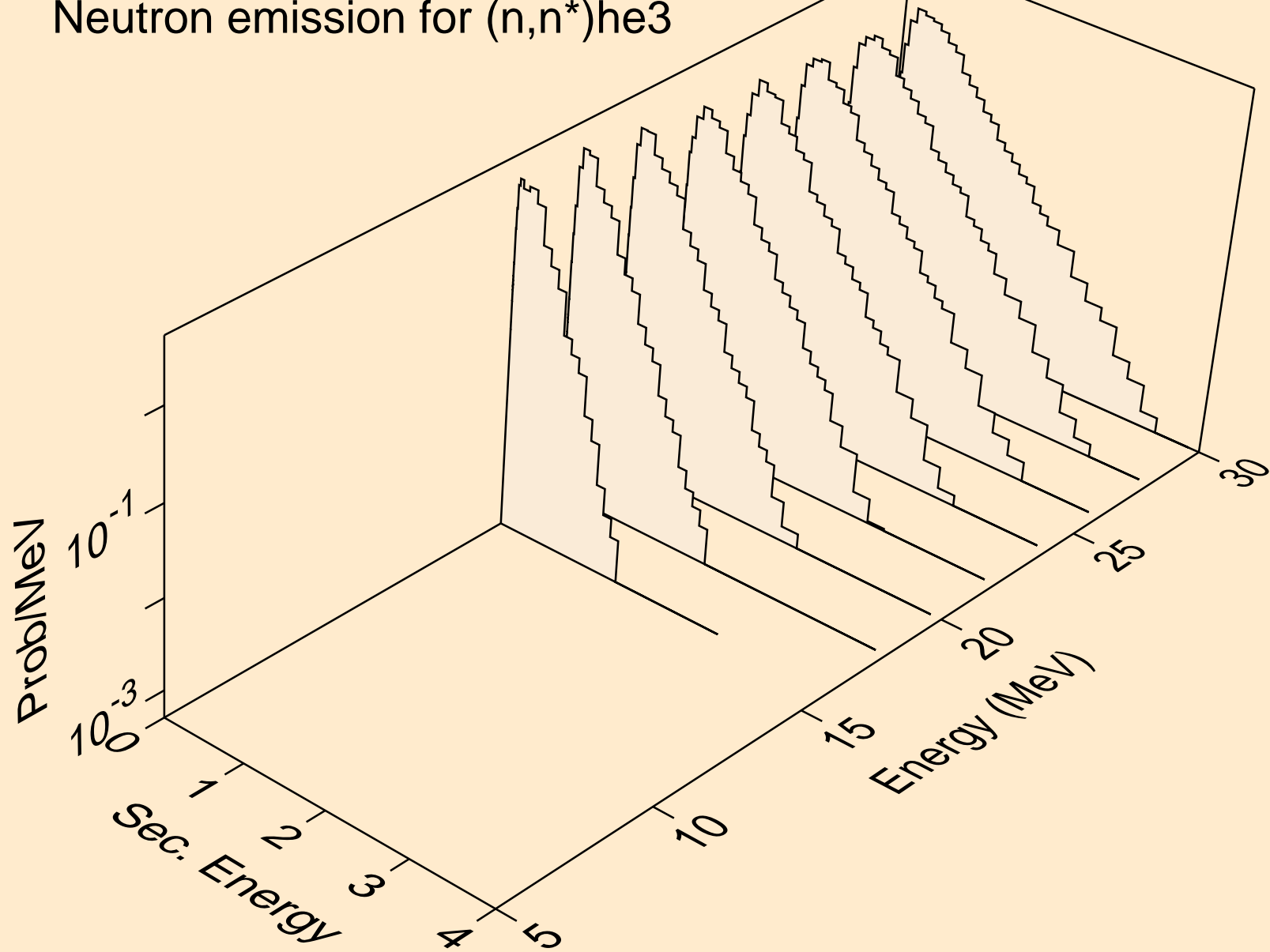
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



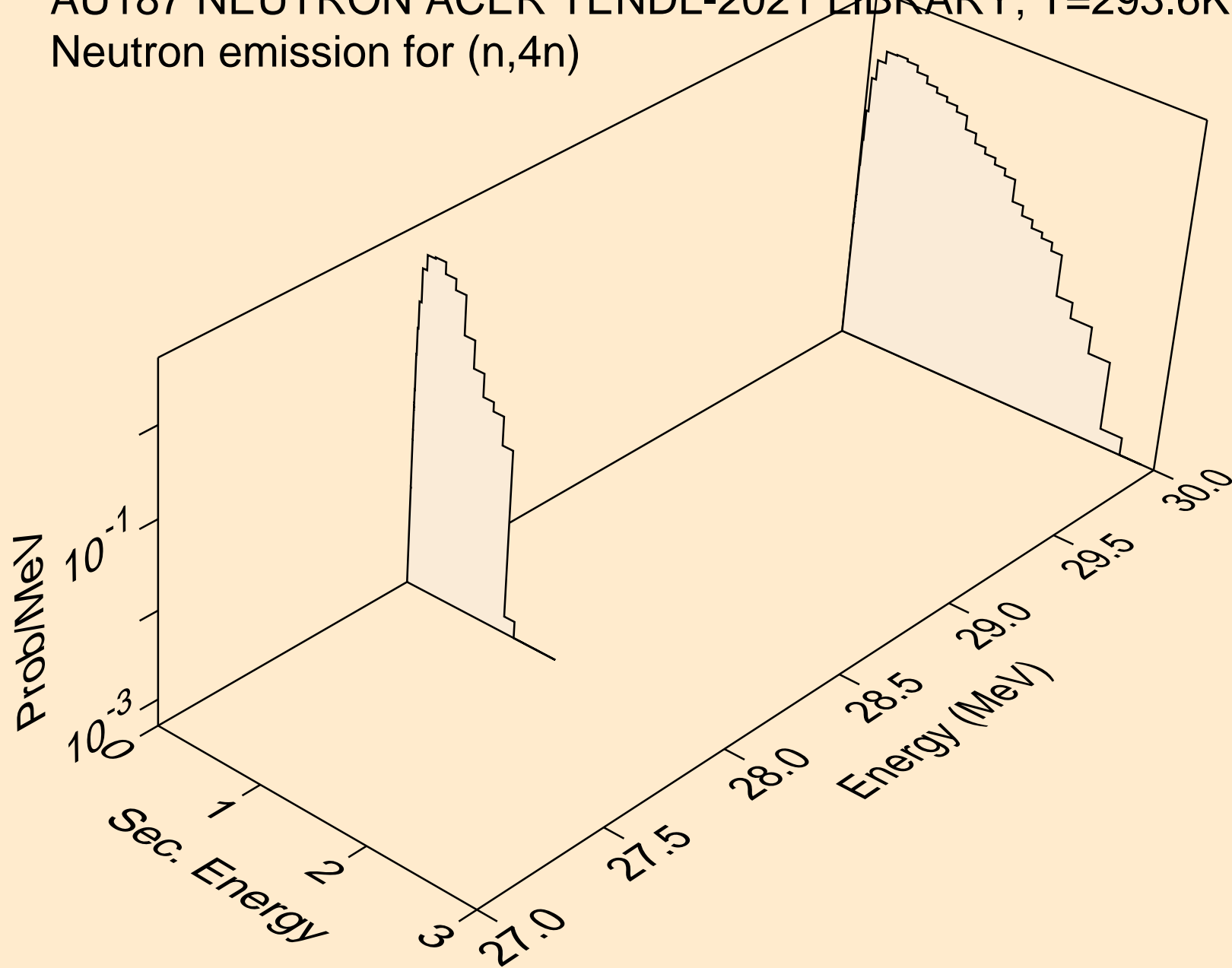
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



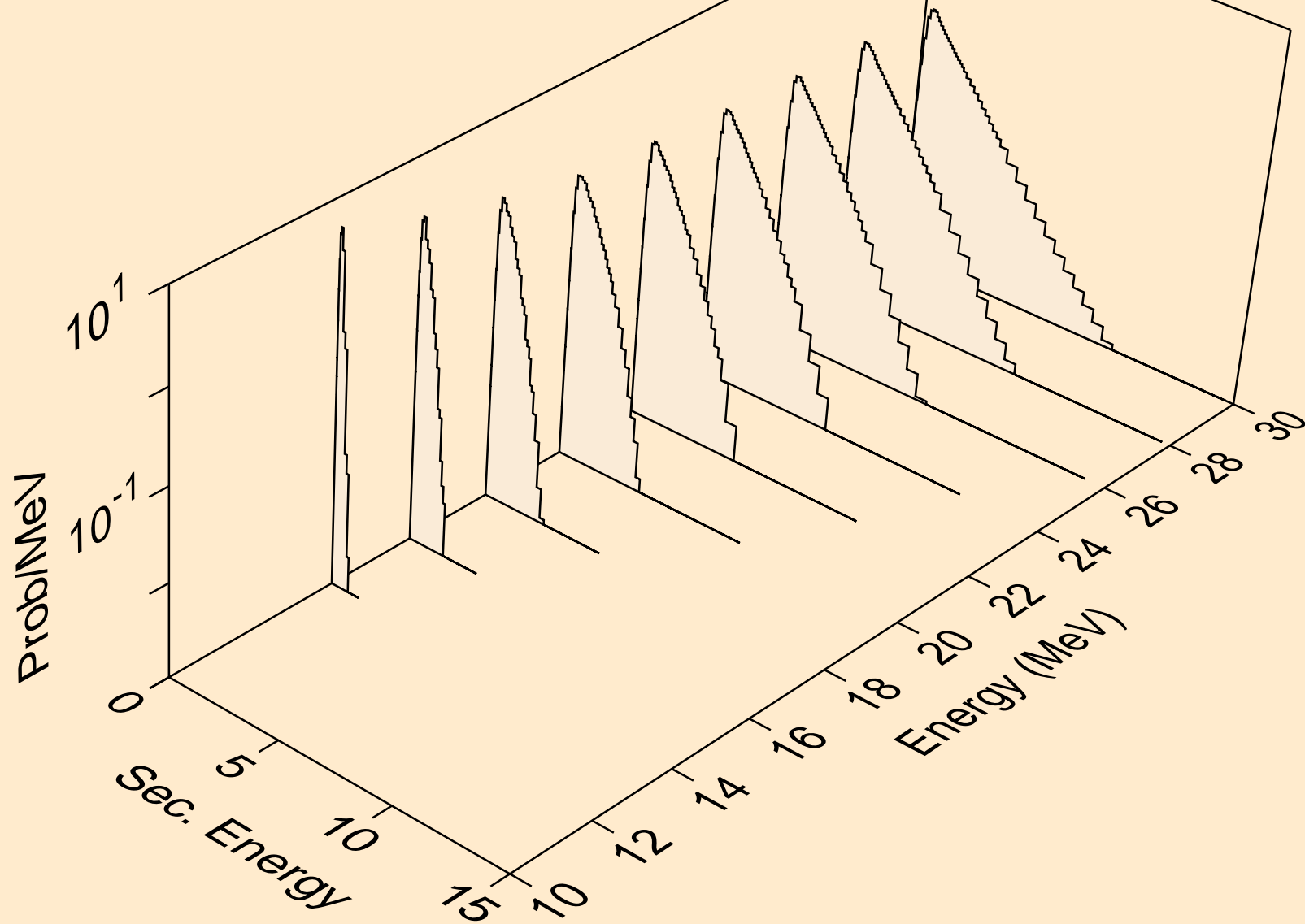
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



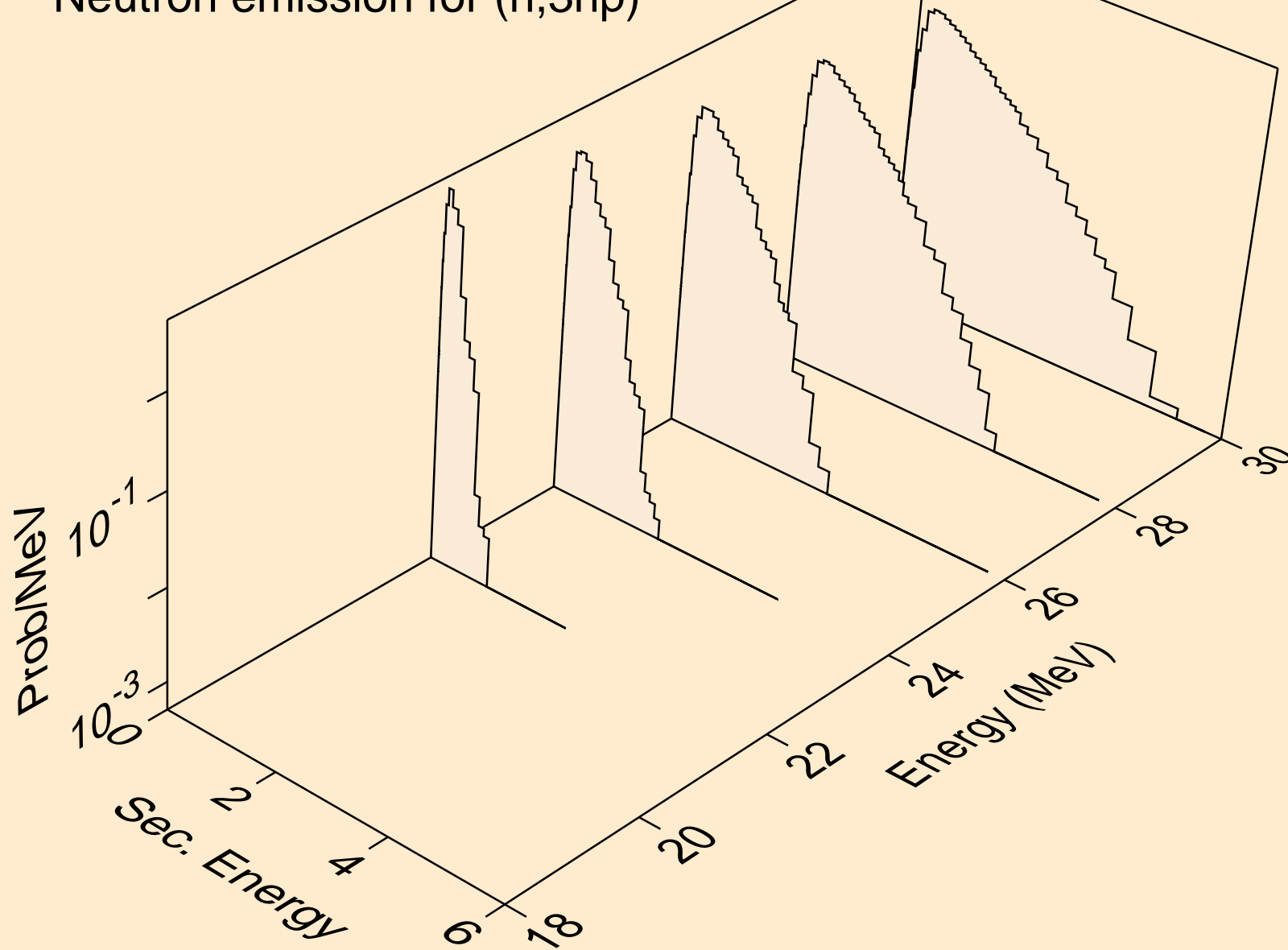
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



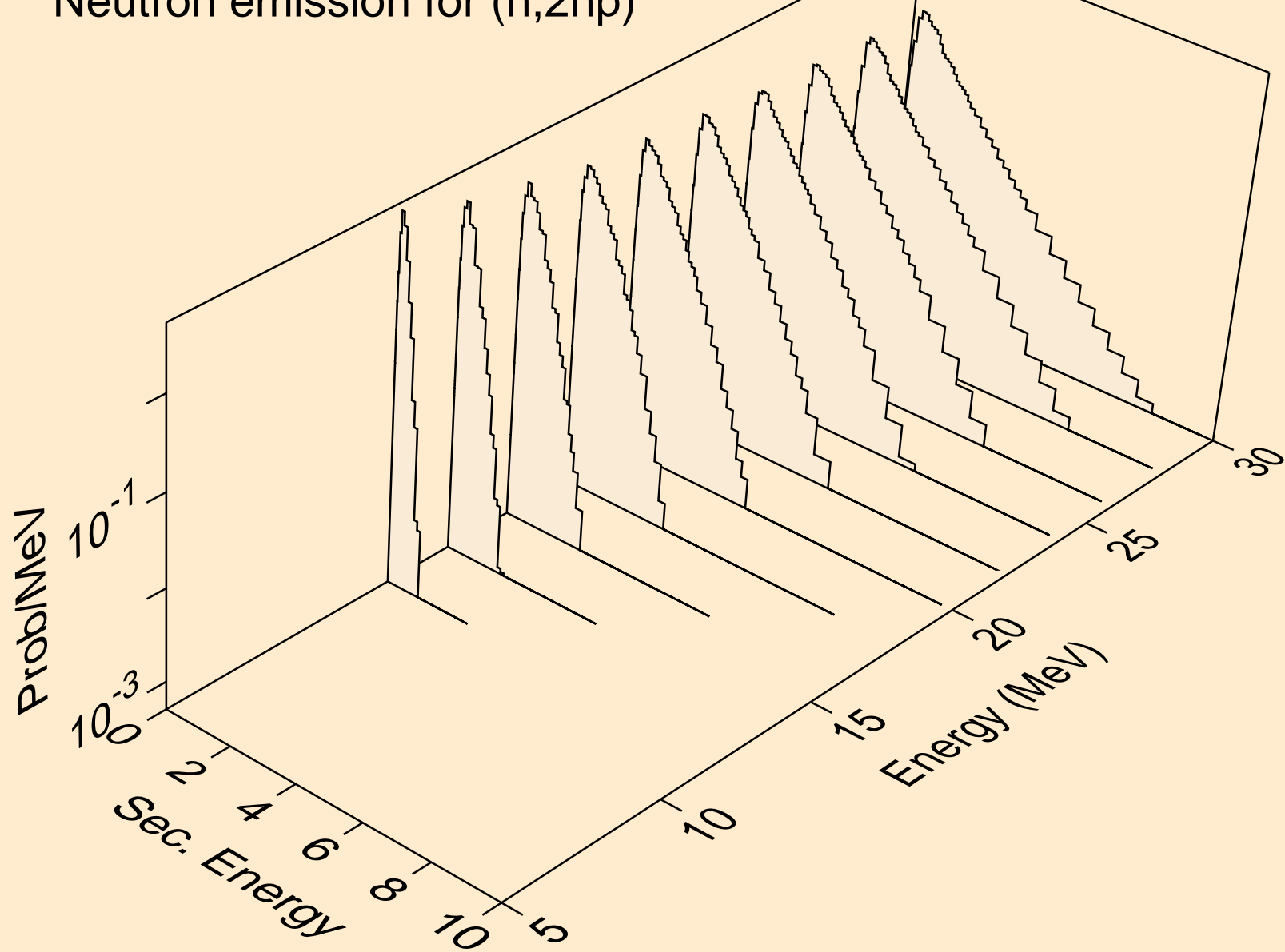
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



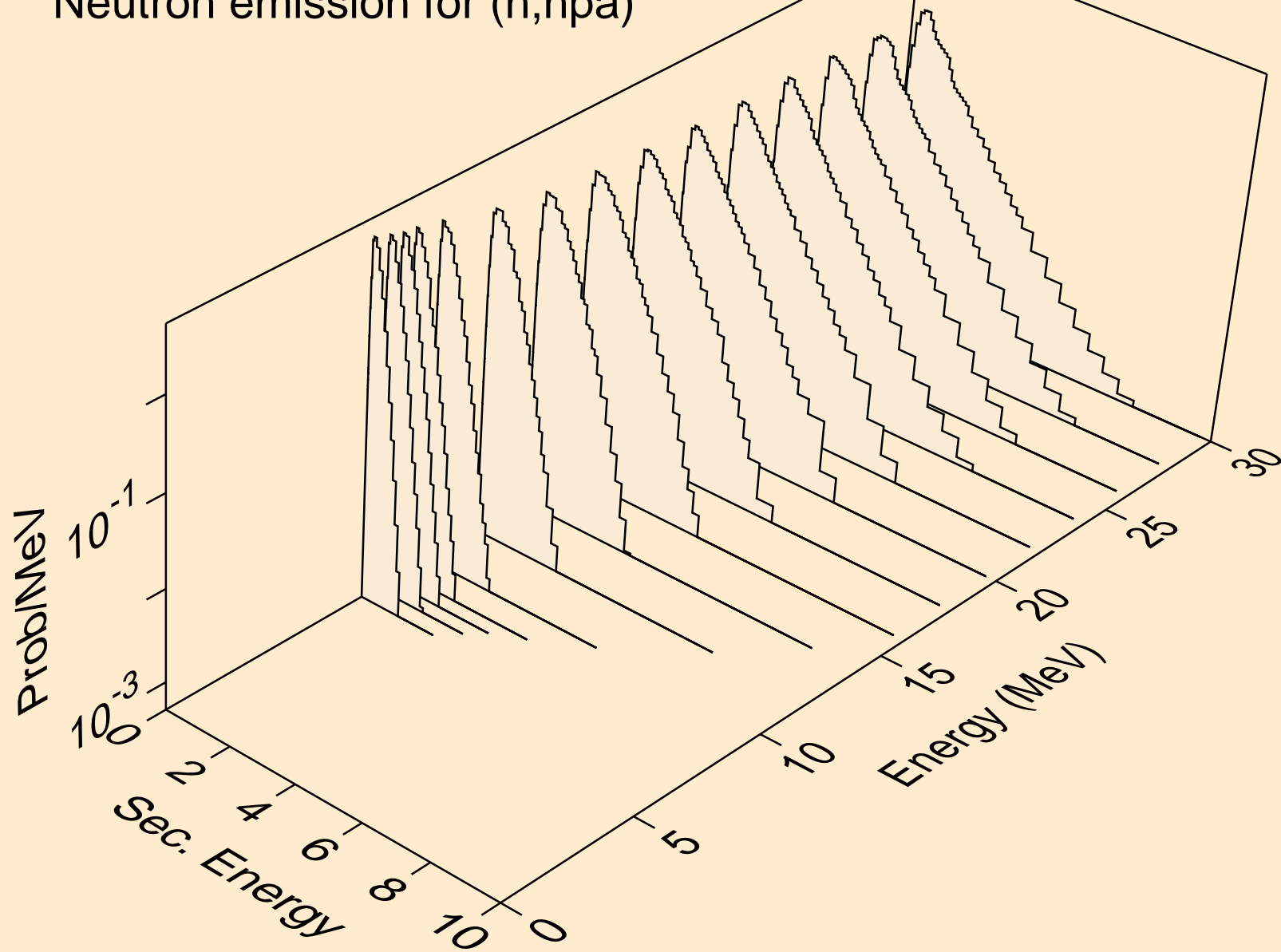
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

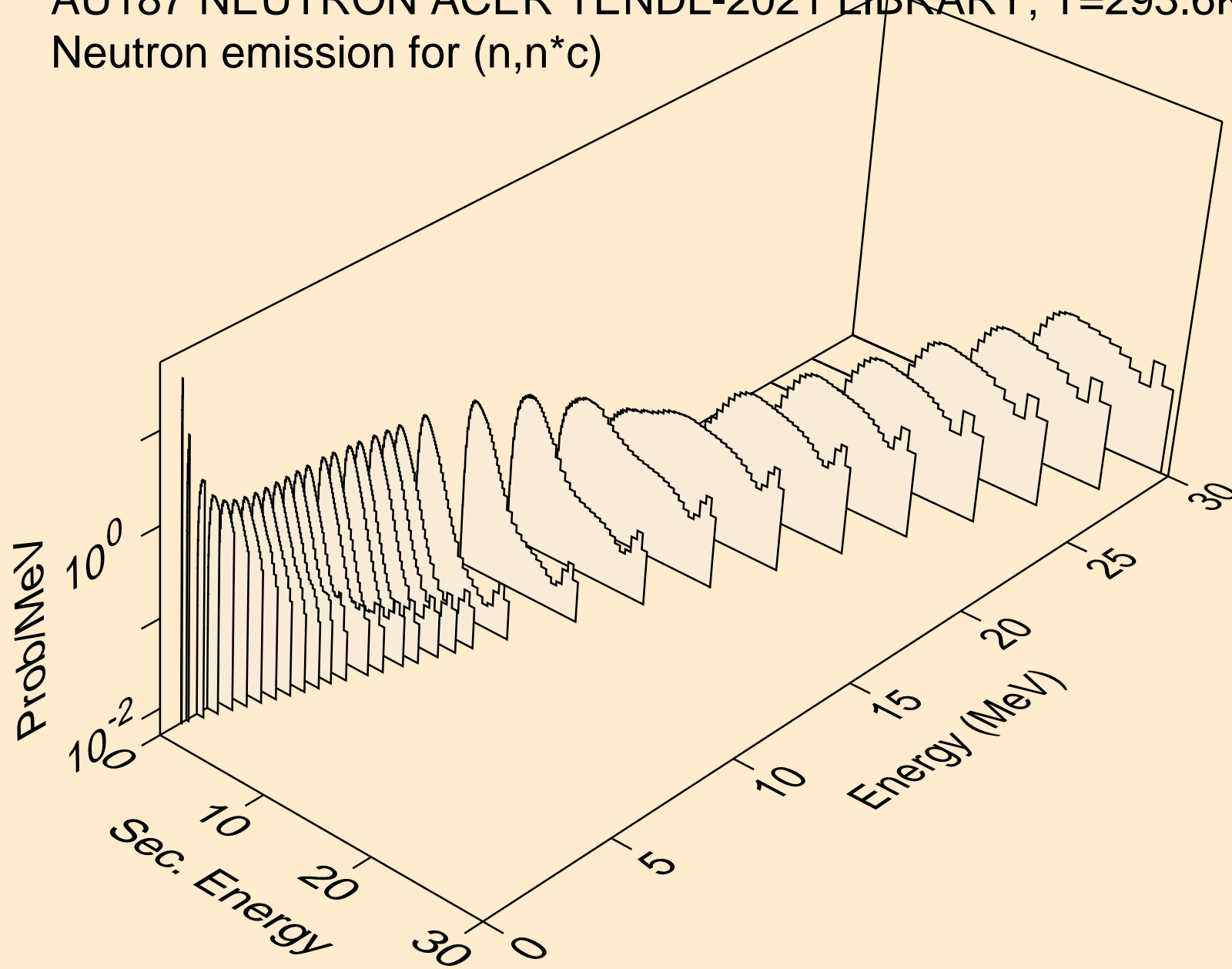


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

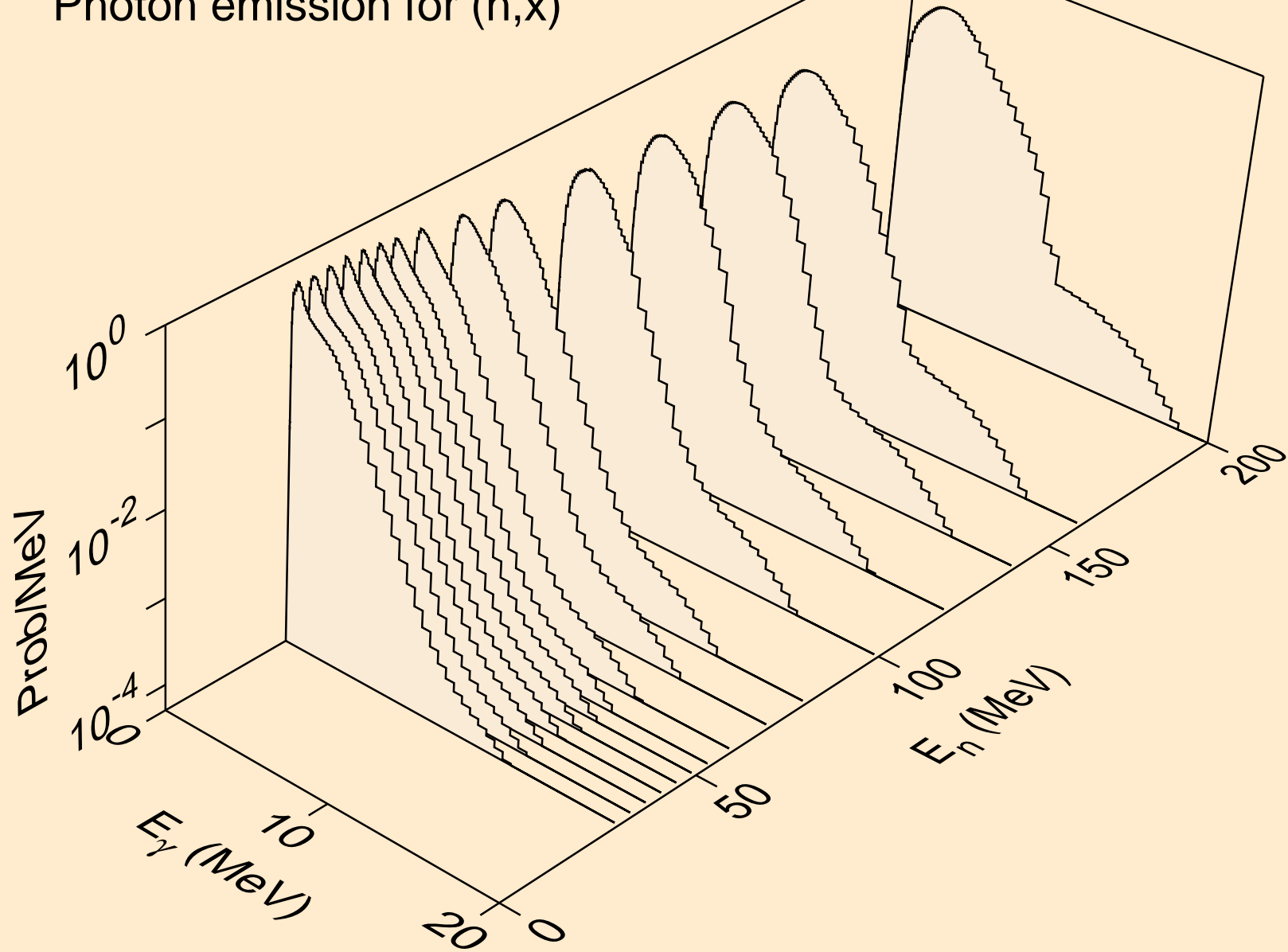




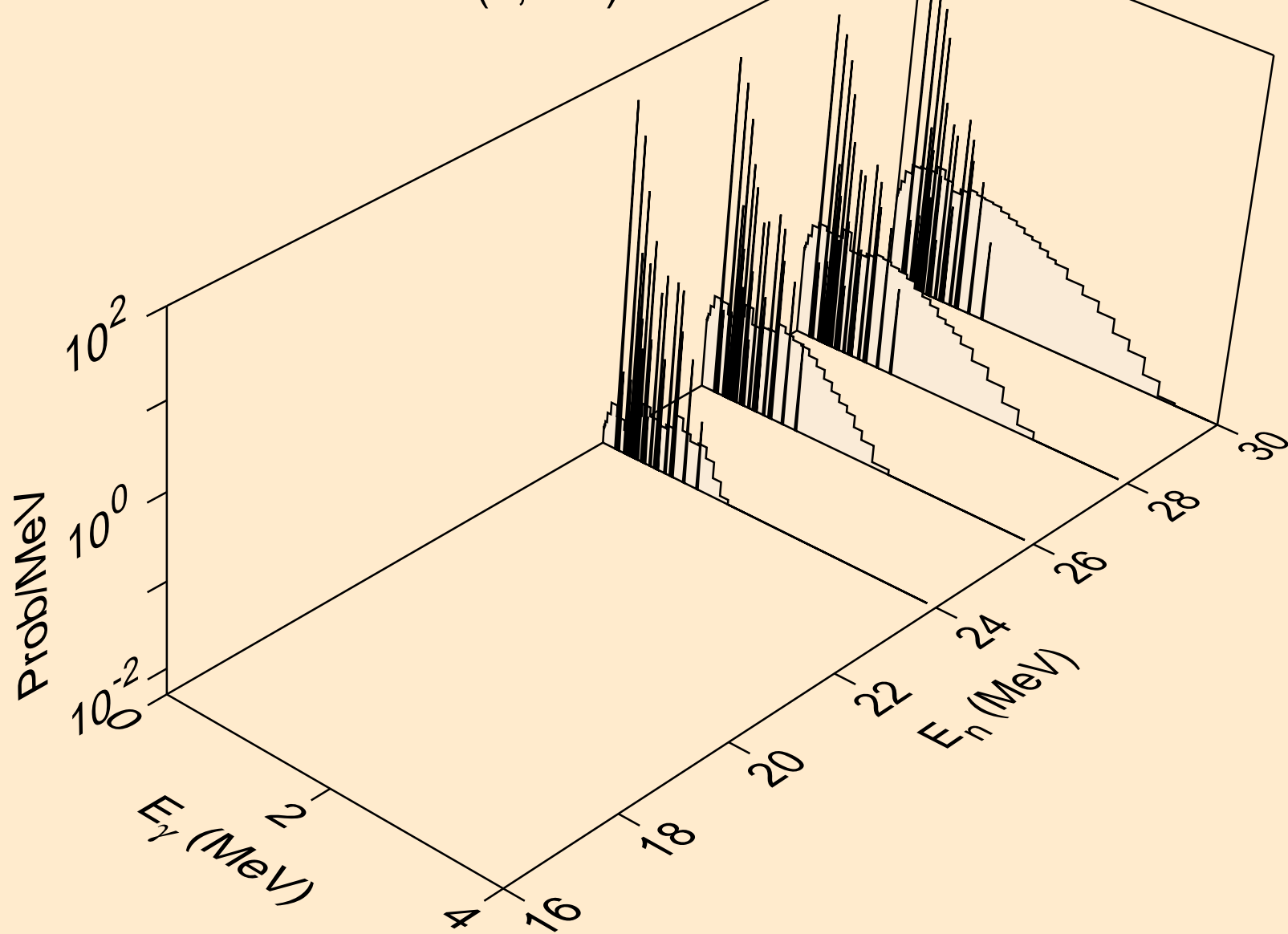
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Neutron emission for (n,n\*c)



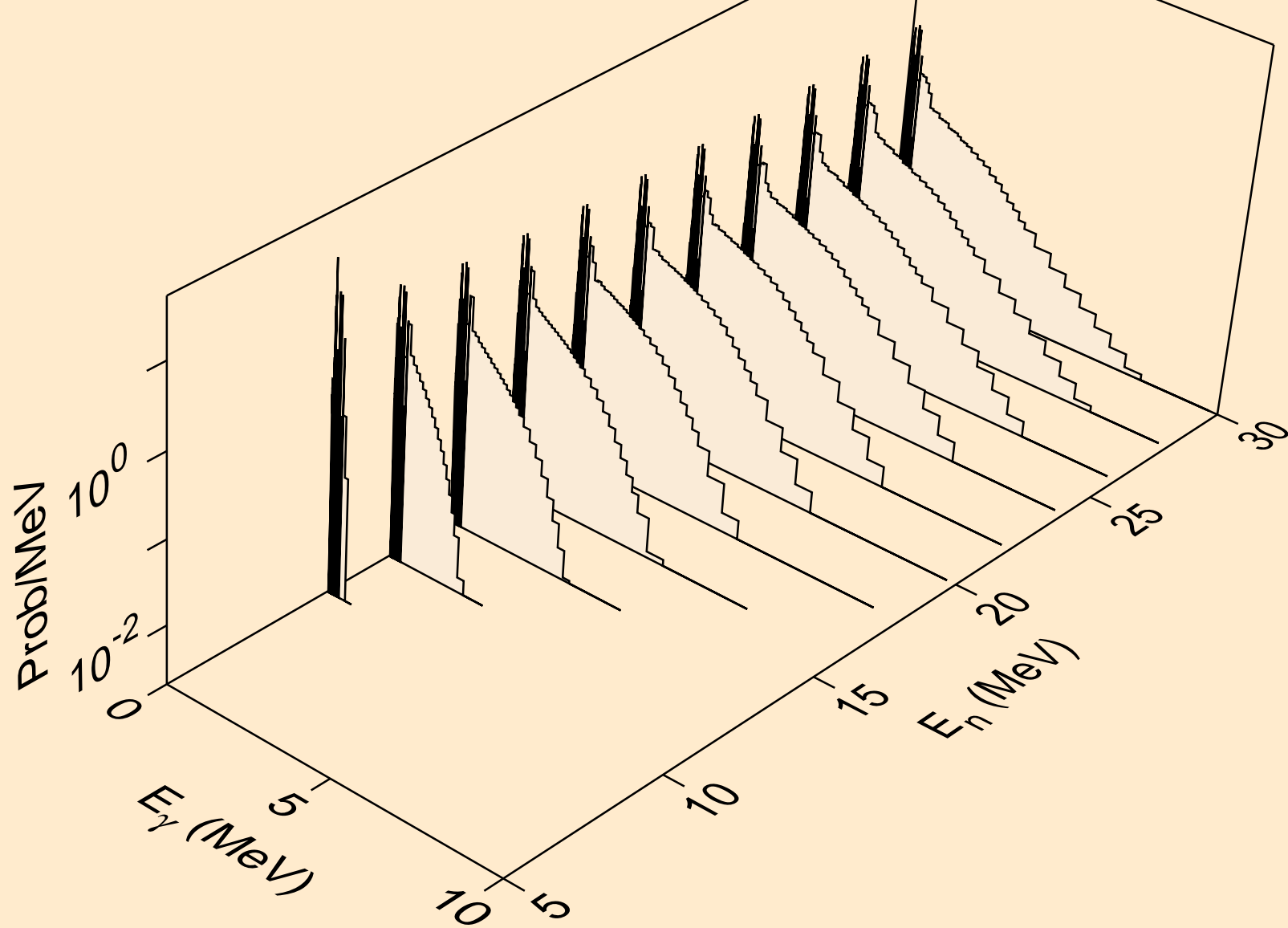
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Photon emission for (n,x)



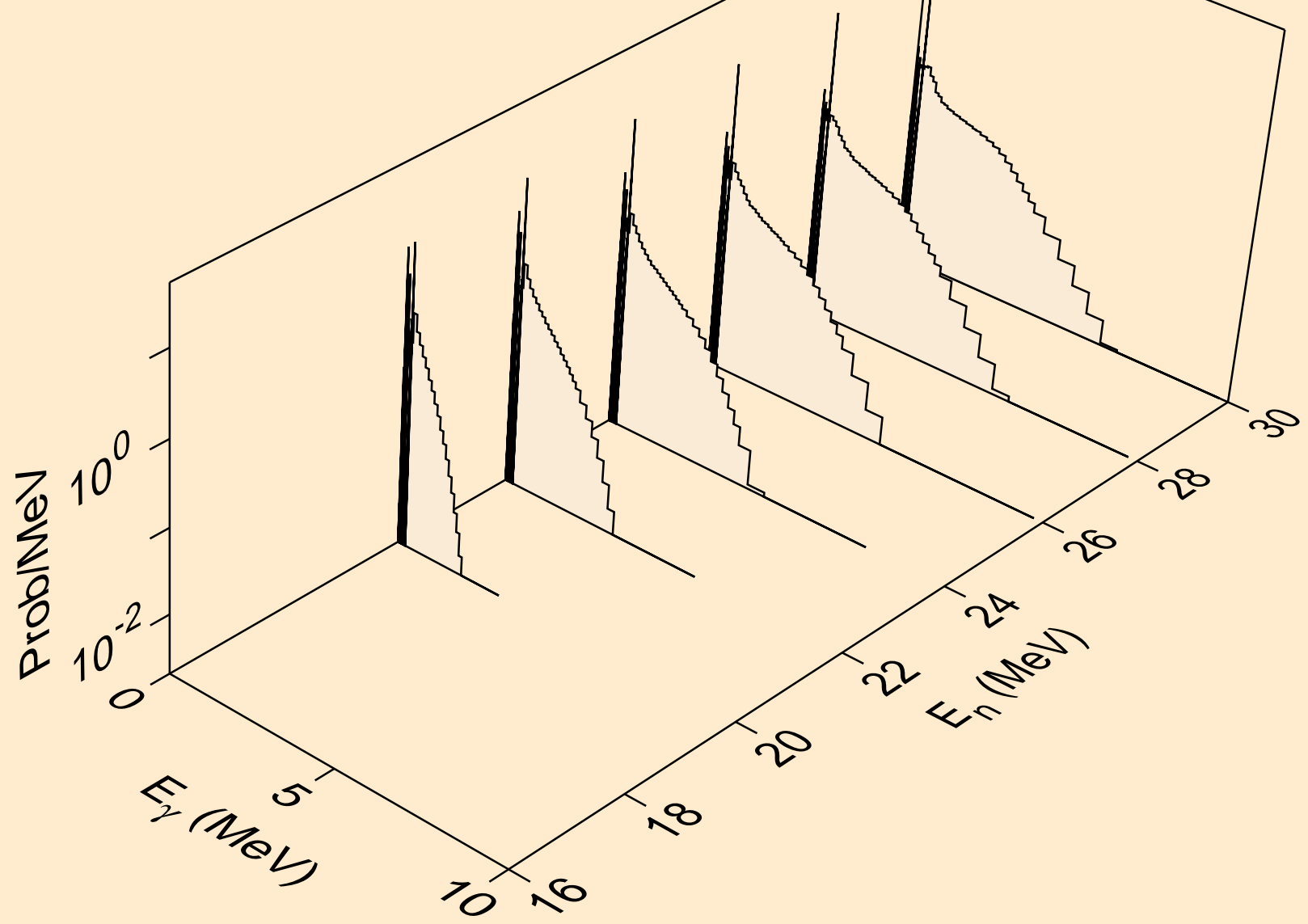
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Photon emission for (n,2nd)



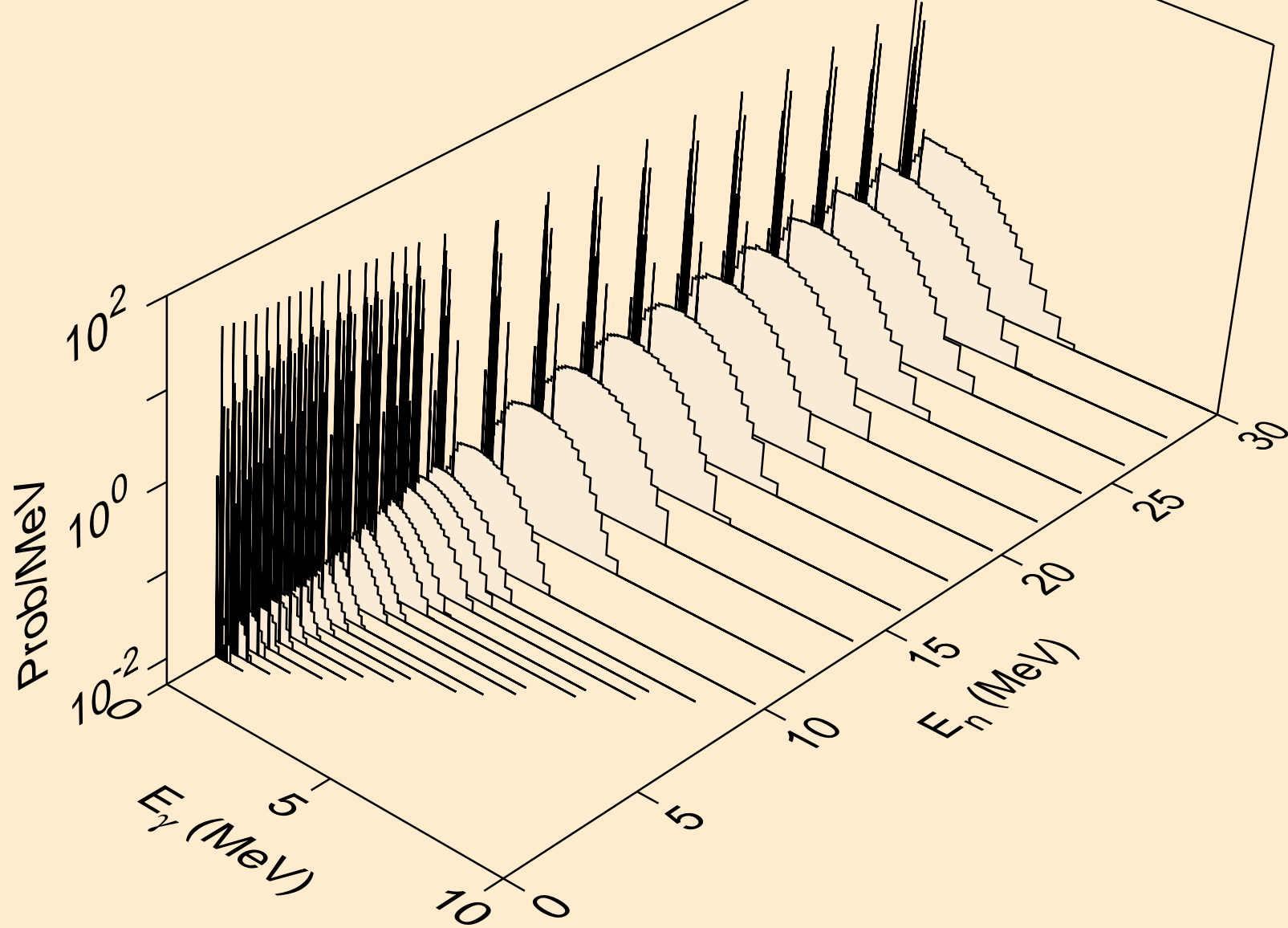
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Photon emission for (n,2n)



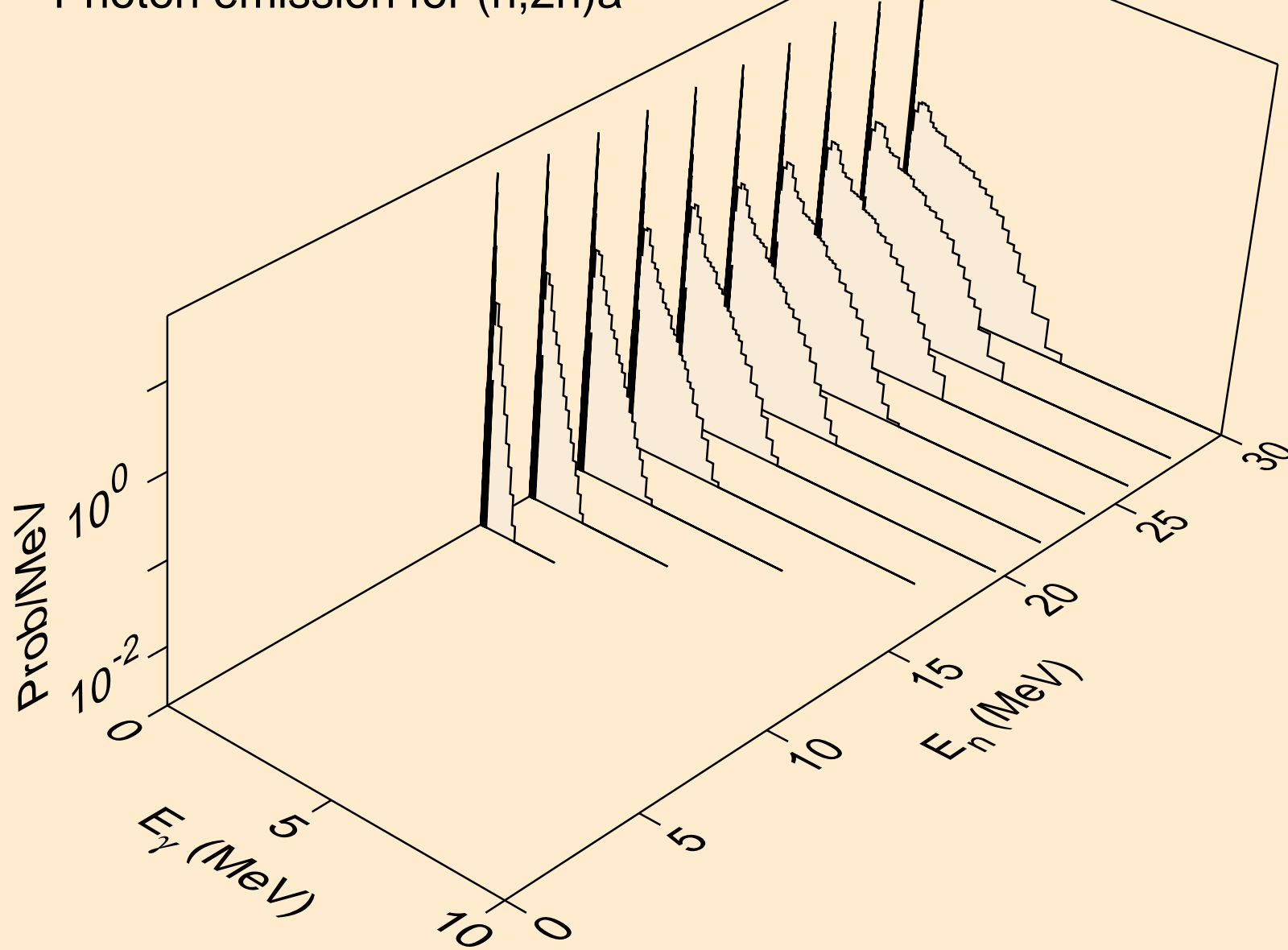
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Photon emission for (n,3n)



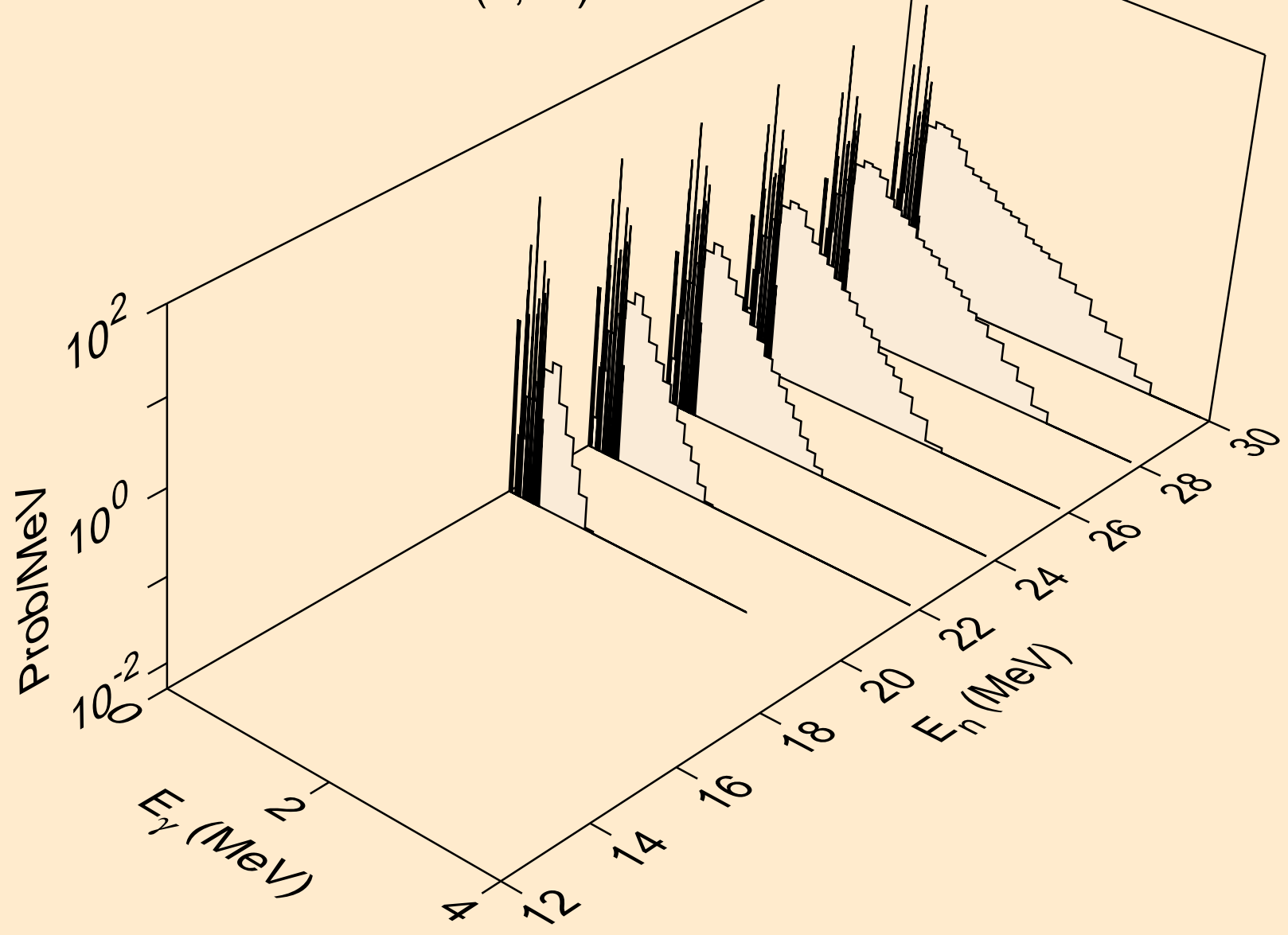
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Photon emission for (n,n\*)a



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

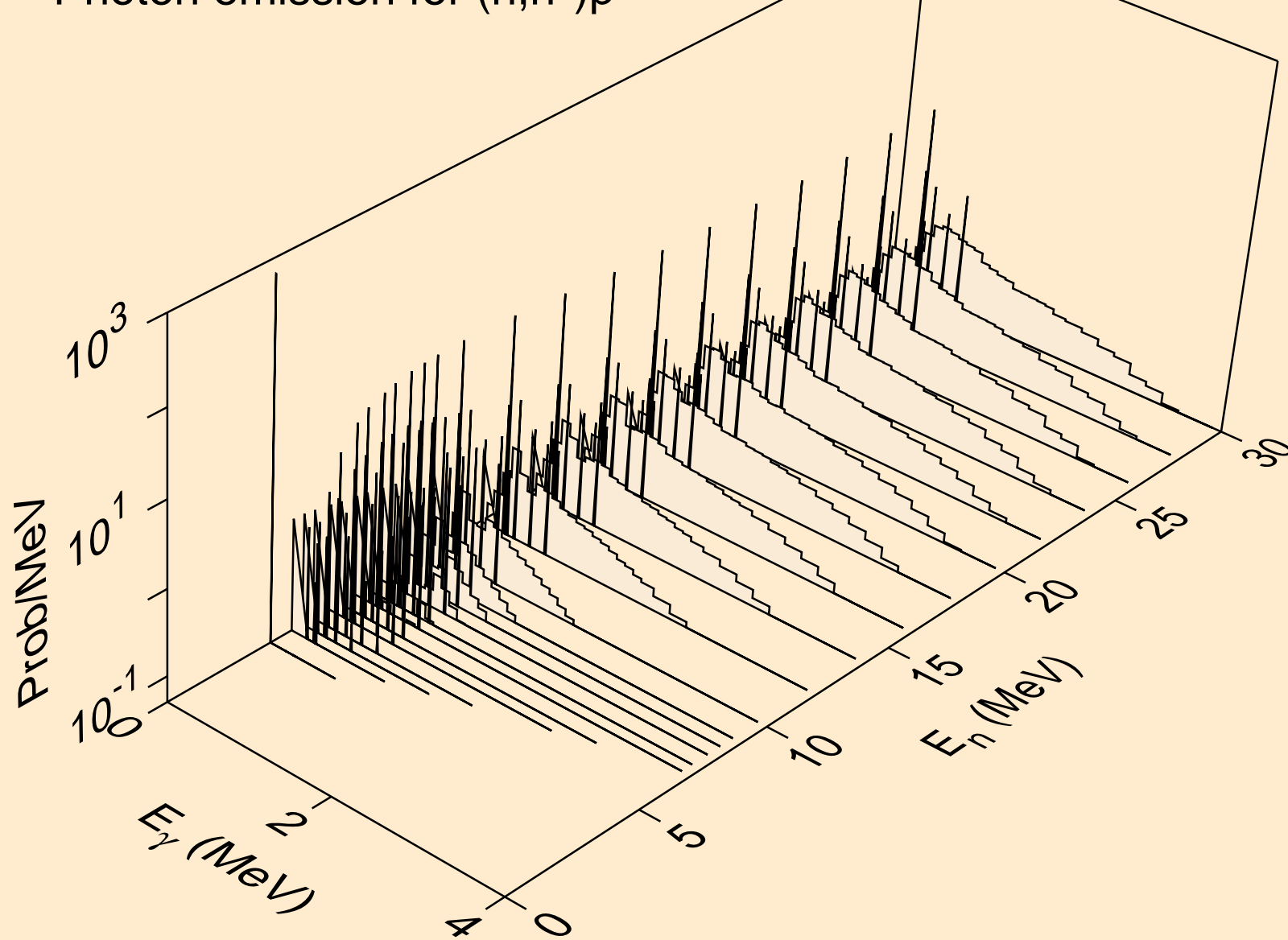


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Photon emission for (n,3n)a

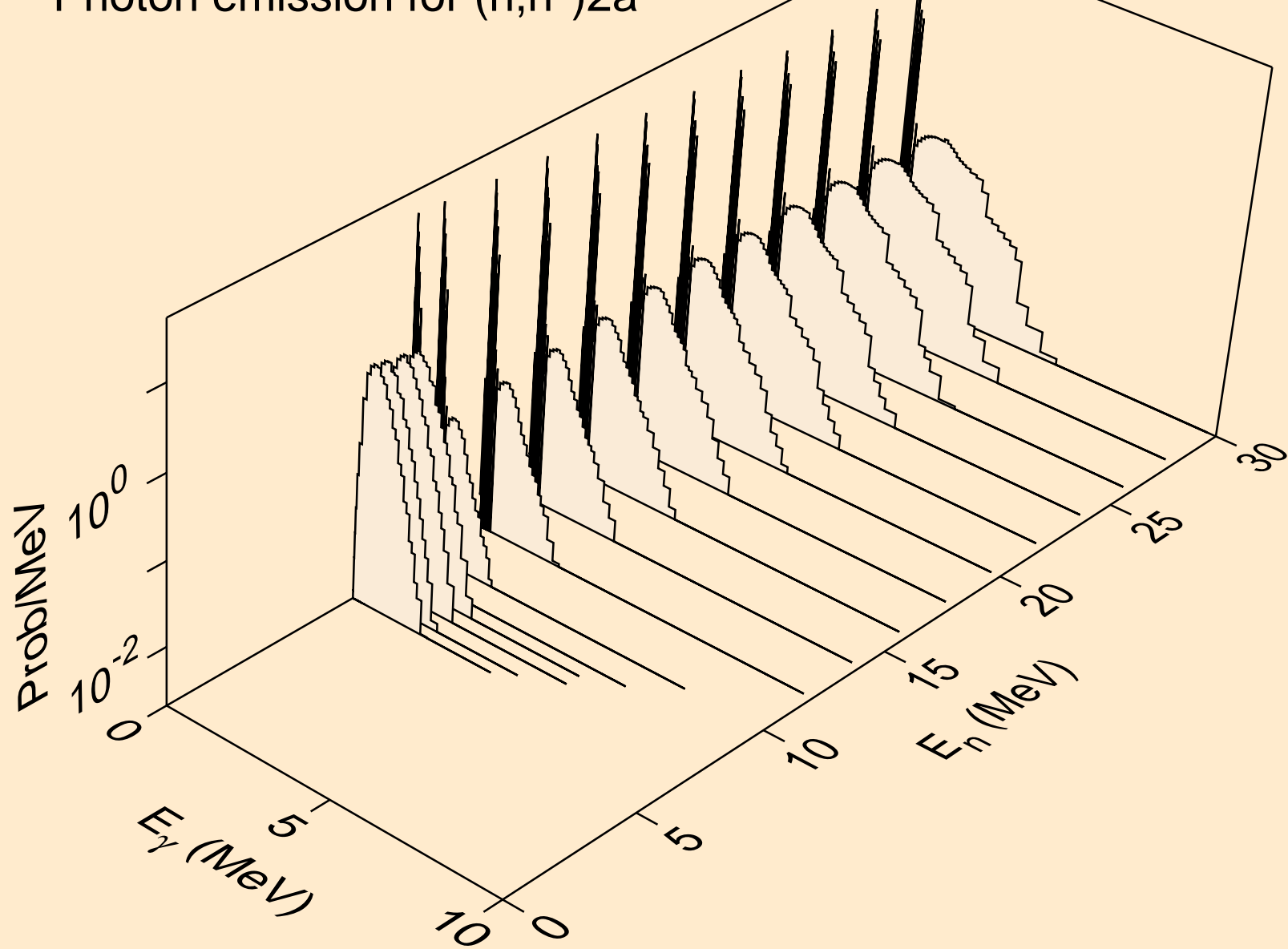




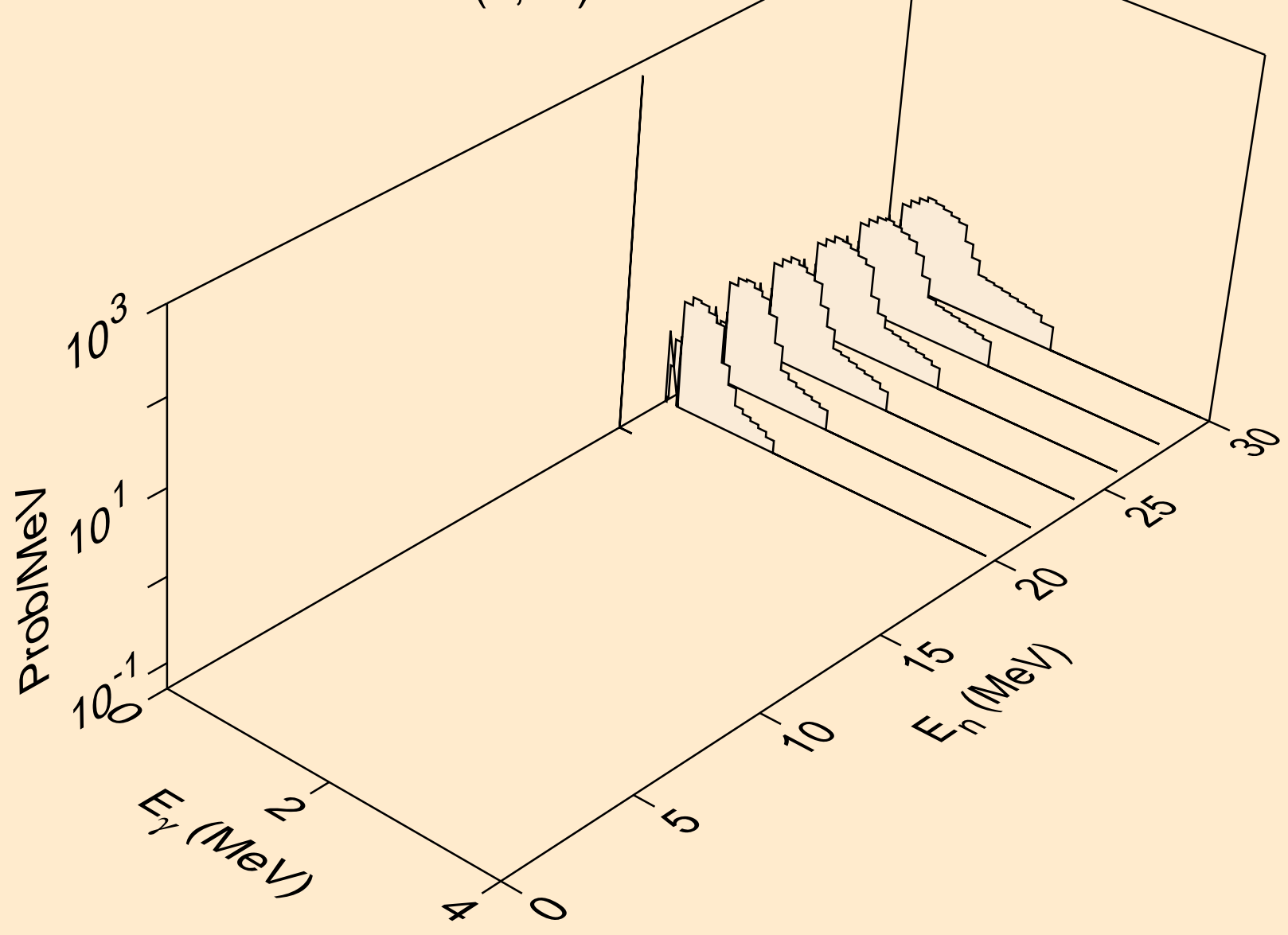
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Photon emission for (n,n\*)p



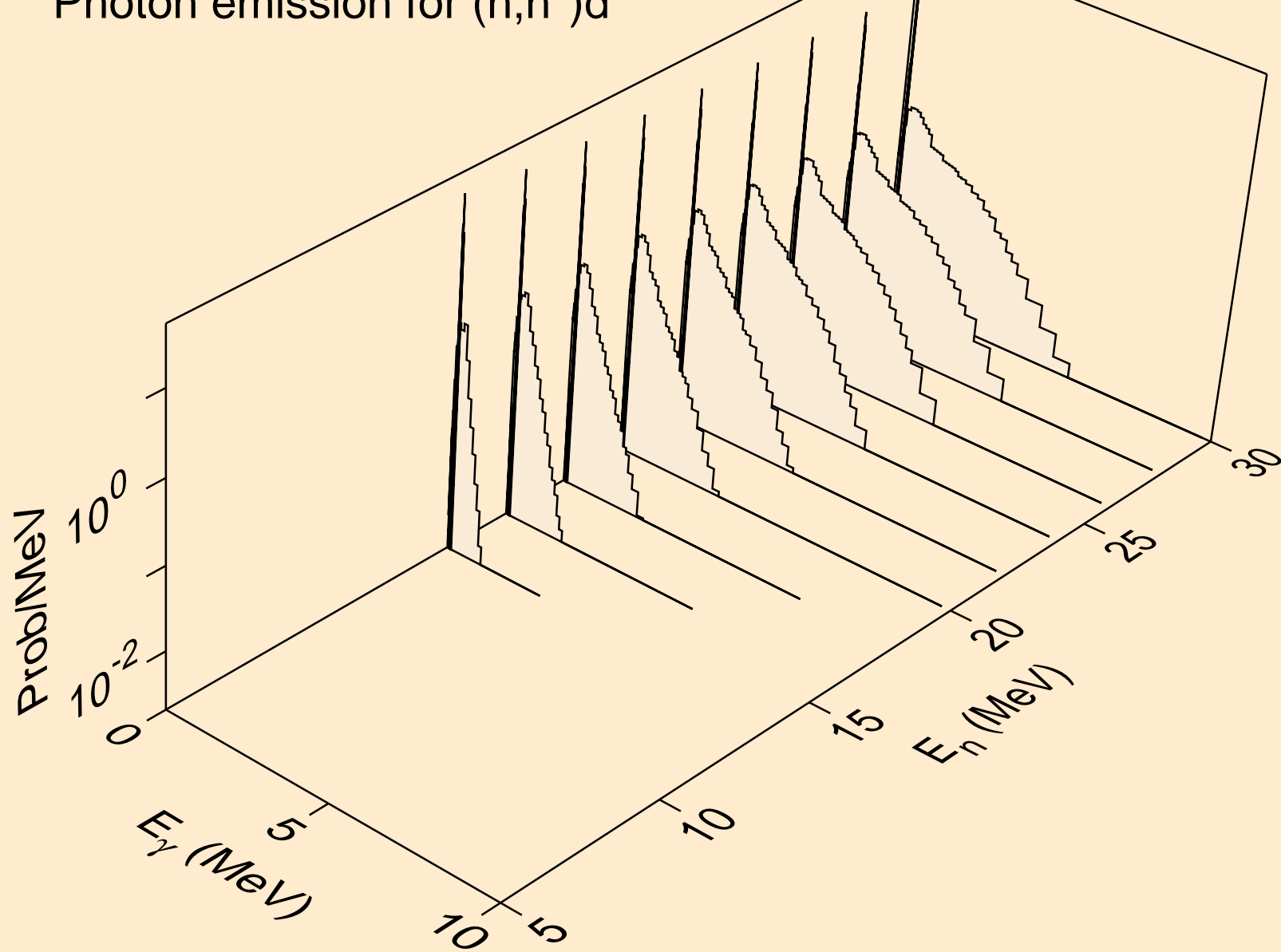
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Photon emission for (n,n\*)2a



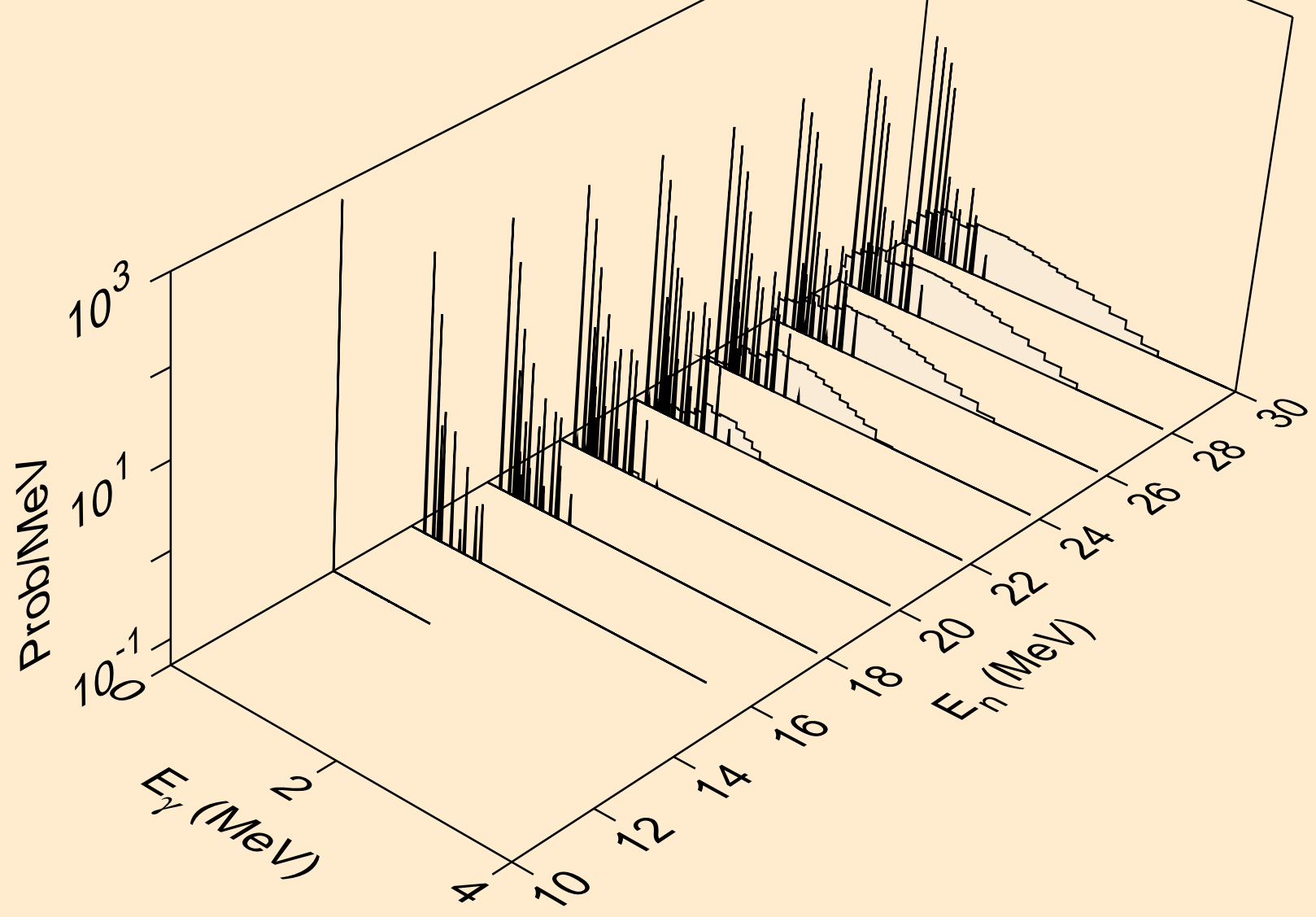
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Photon emission for (n,2n)2a



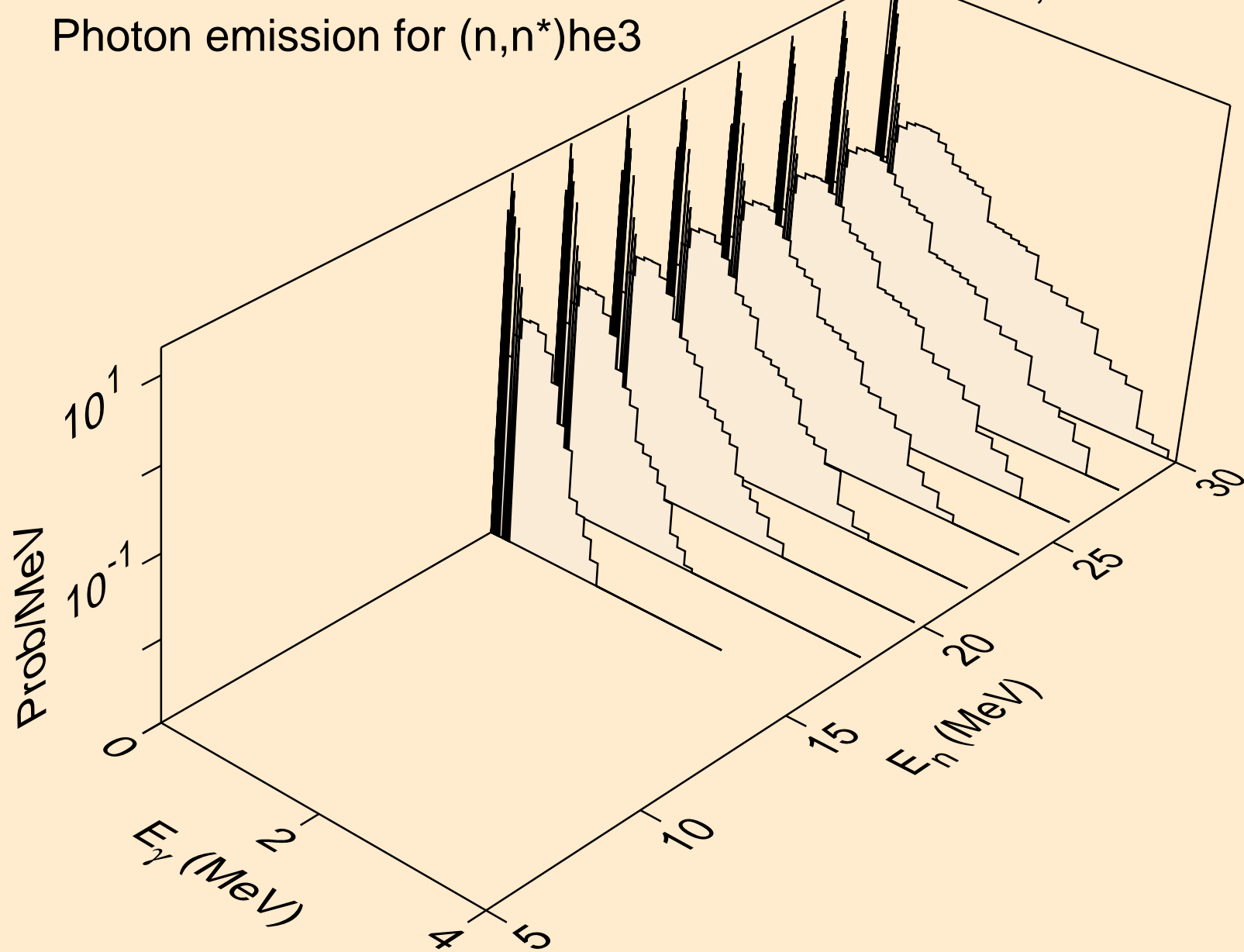
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Photon emission for (n,n\*)d



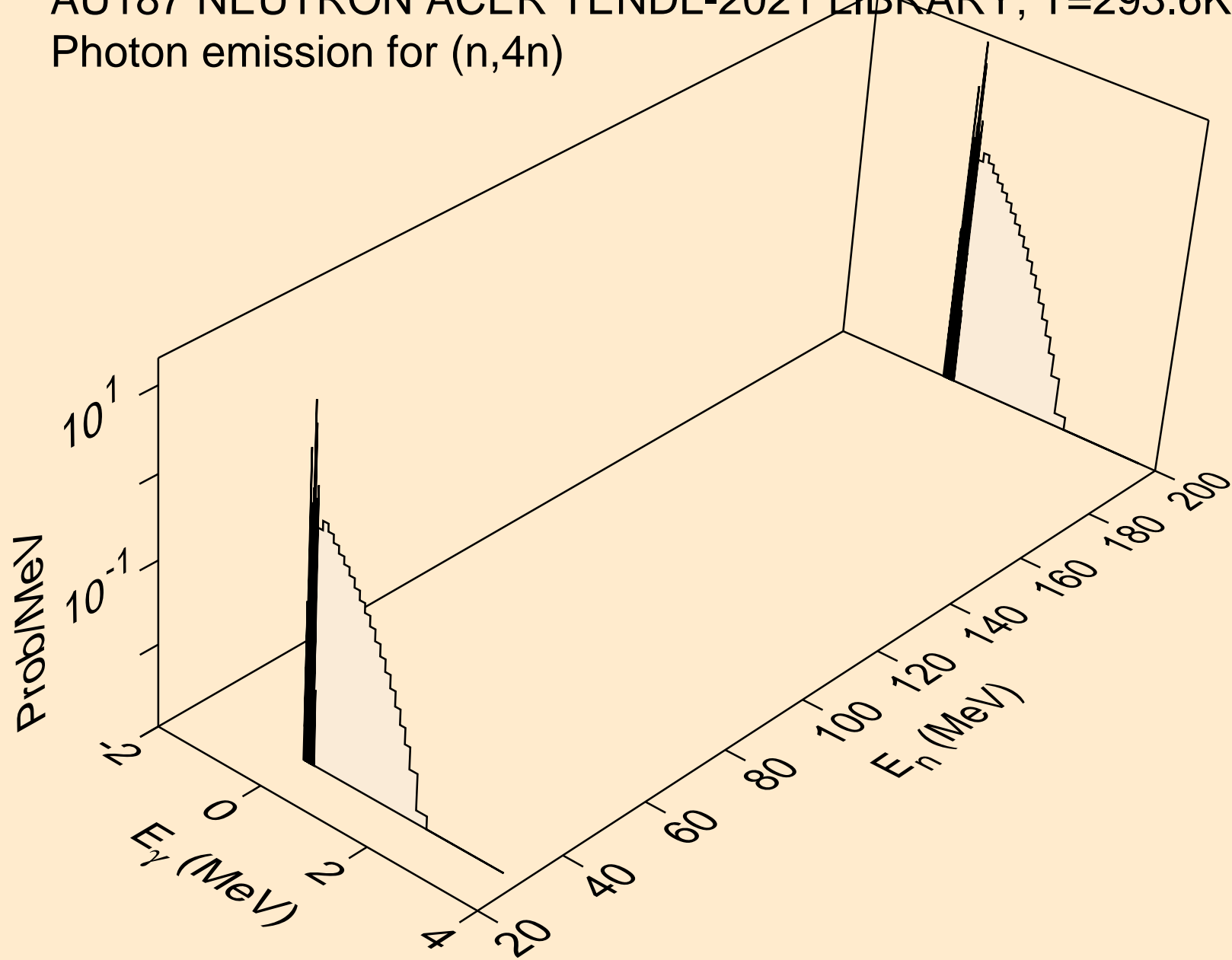
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Photon emission for (n,n\*)t



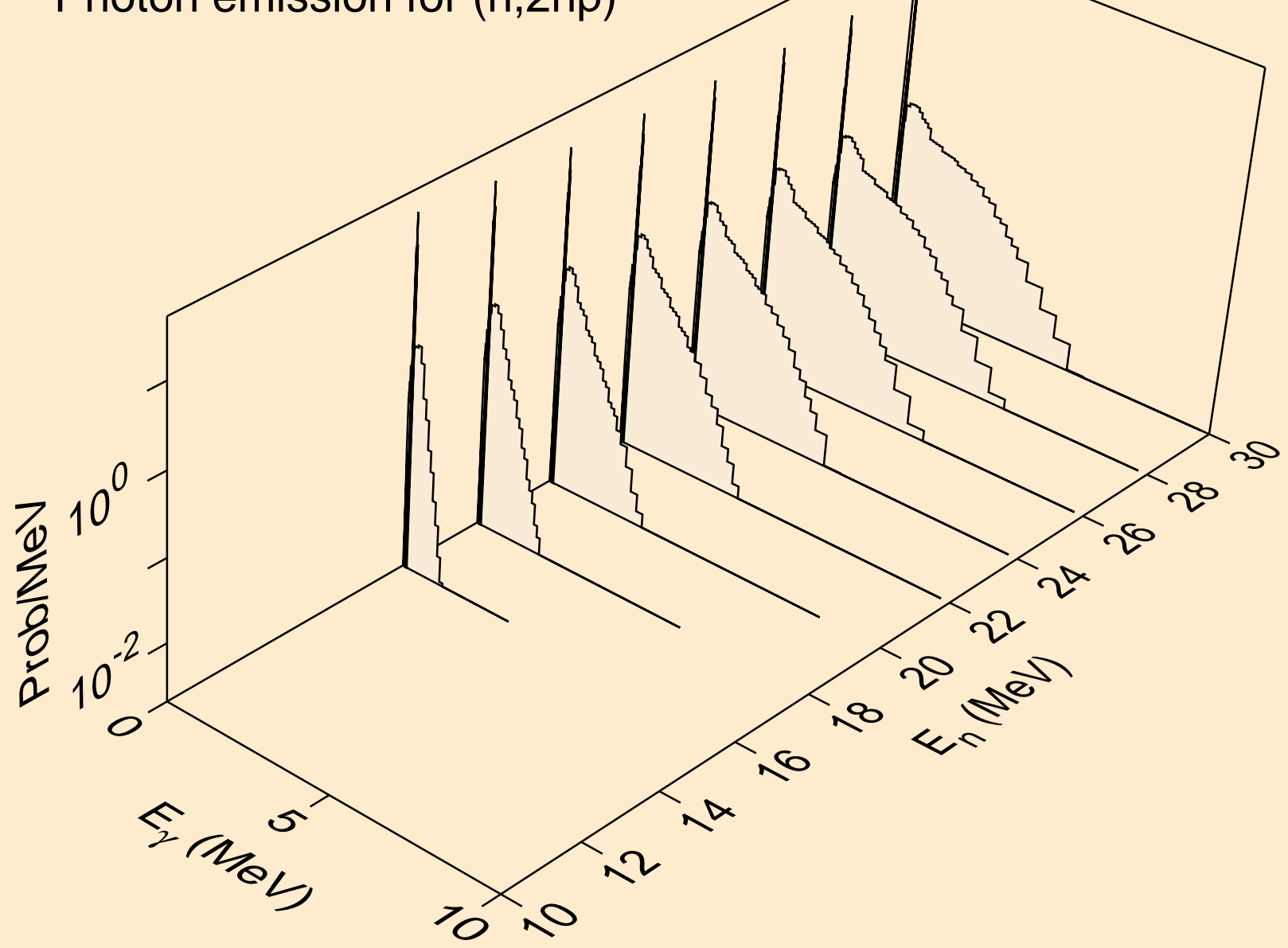
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

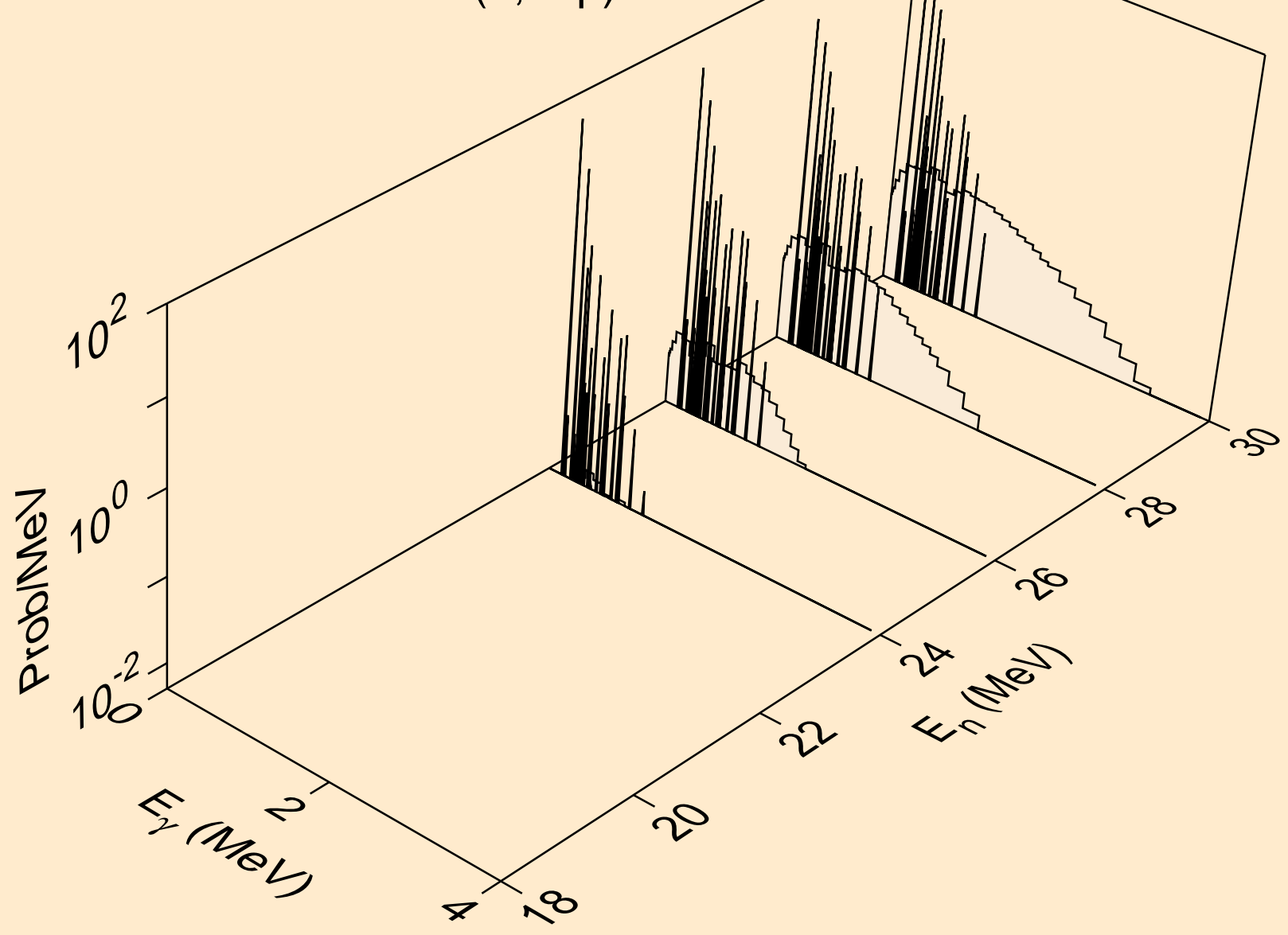


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Photon emission for (n,2np)

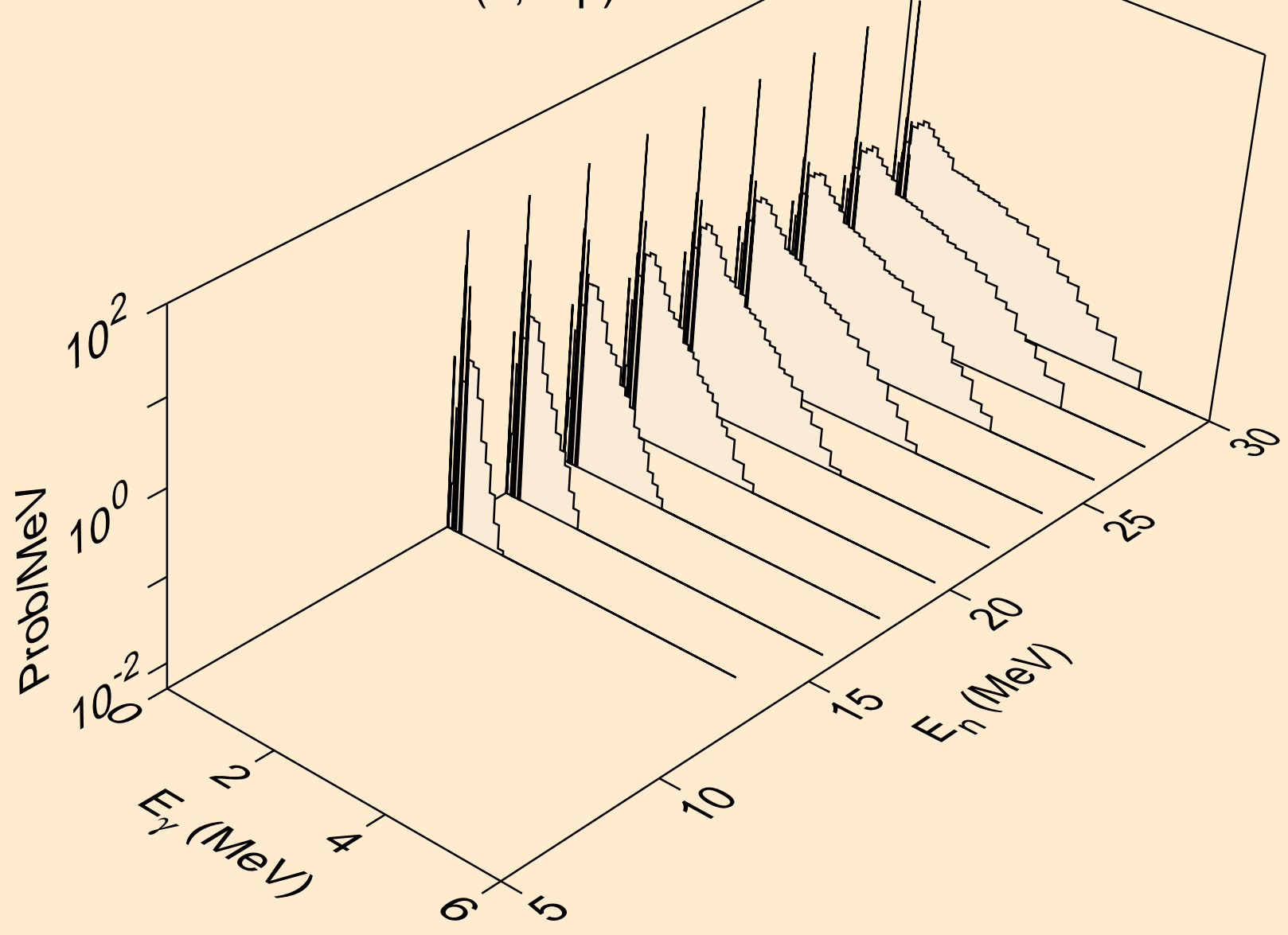




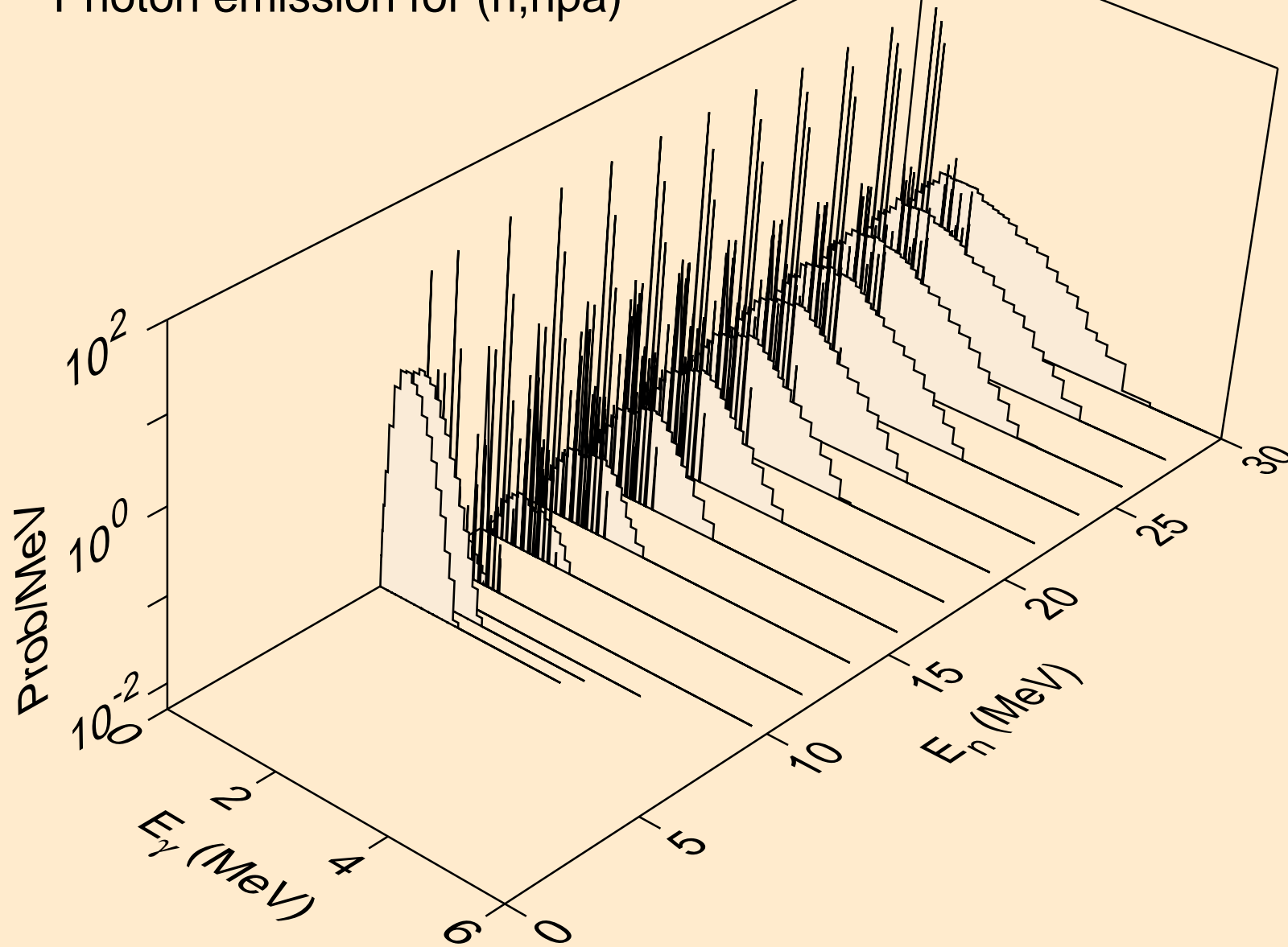
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Photon emission for (n,3np)



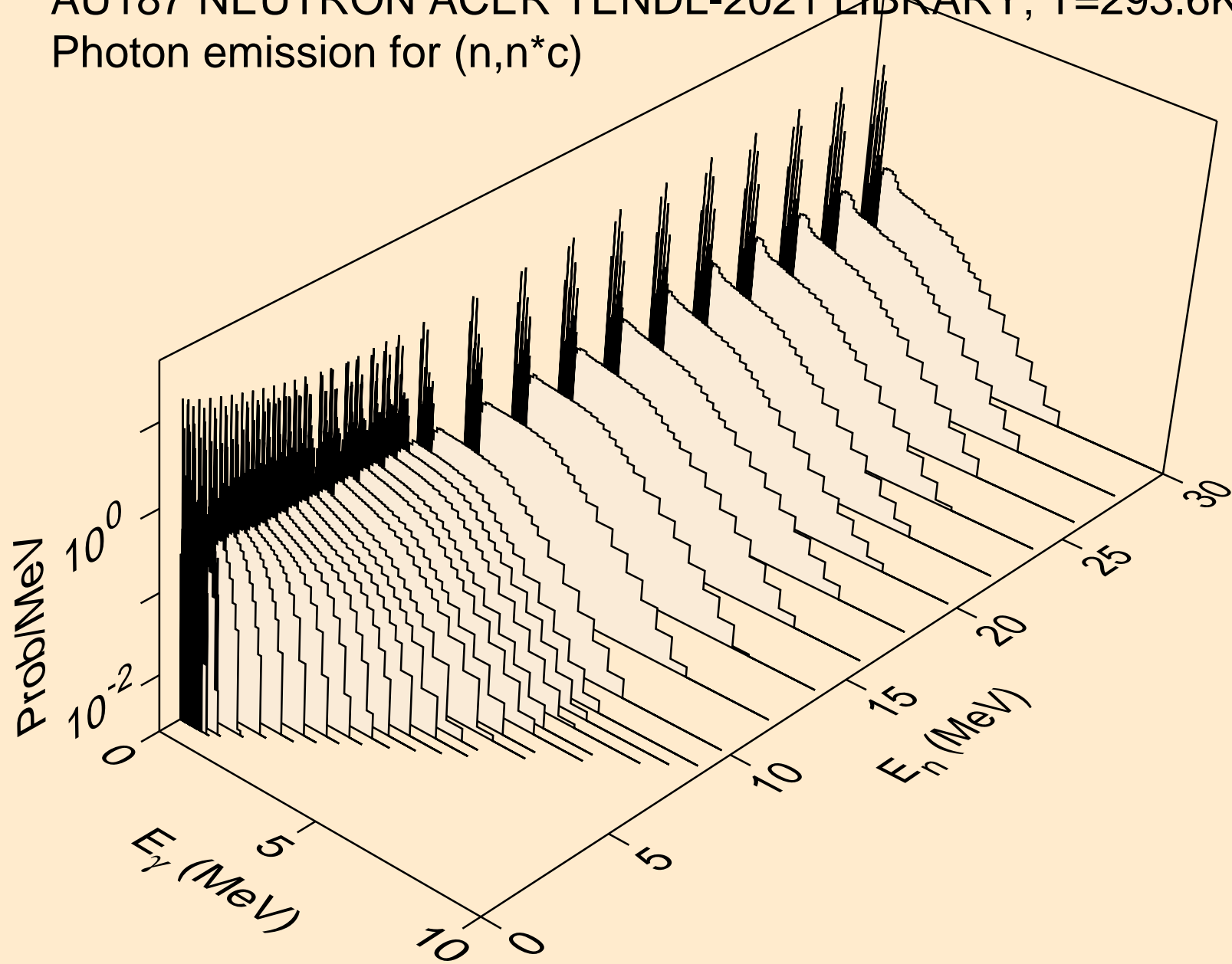
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Photon emission for (n,2np)



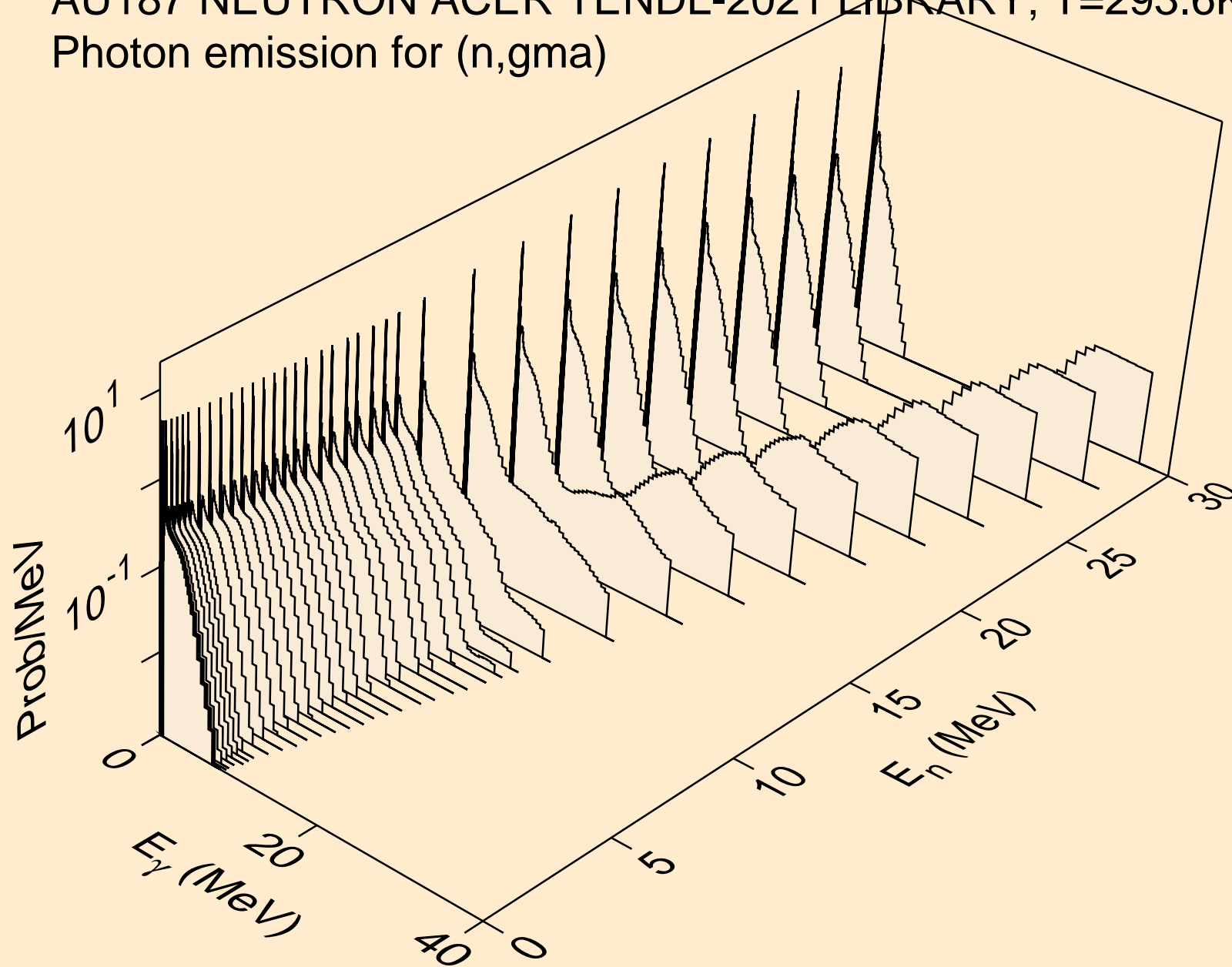
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Photon emission for (n,npa)



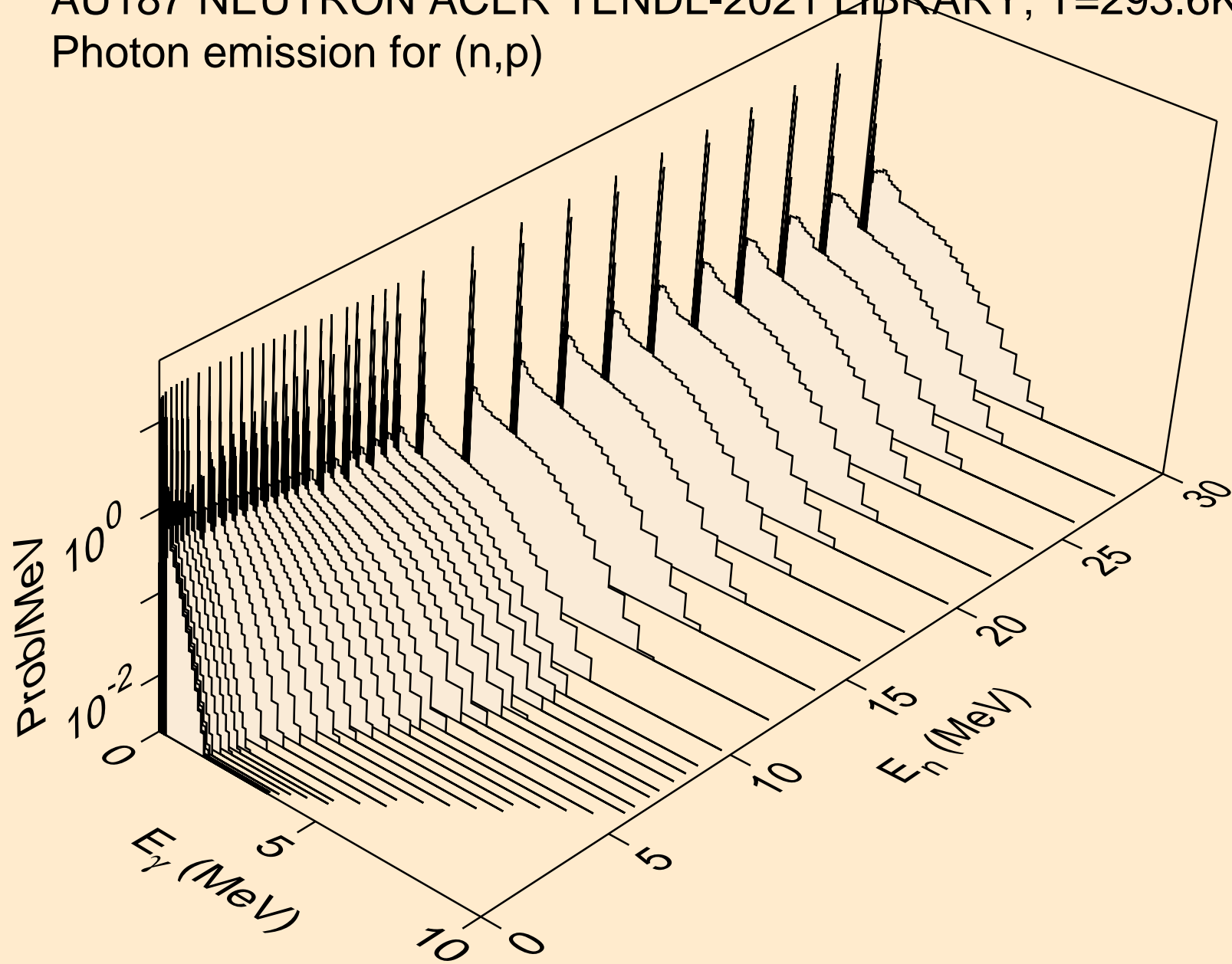
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Photon emission for (n,n\*c)



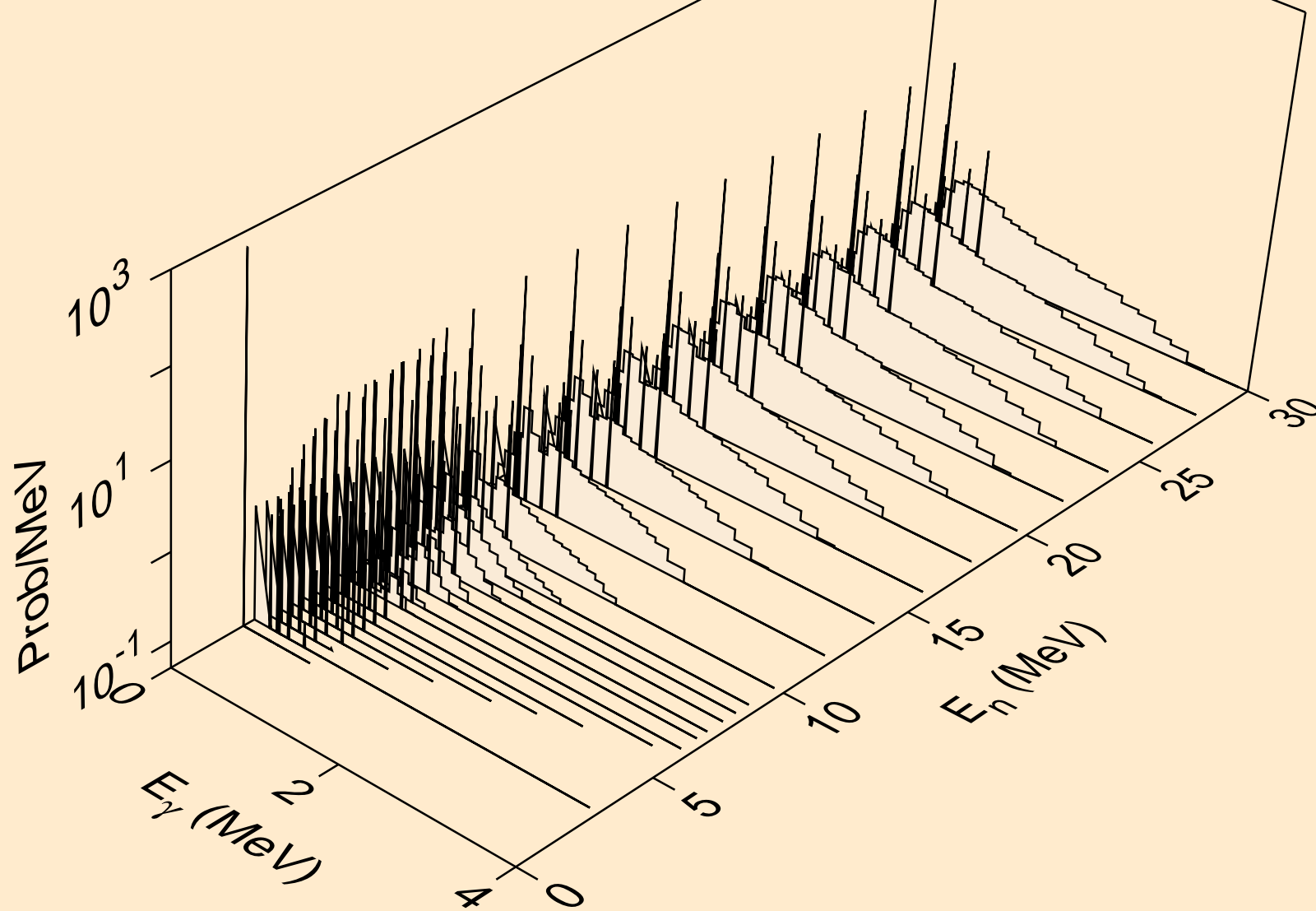
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Photon emission for (n,gma)



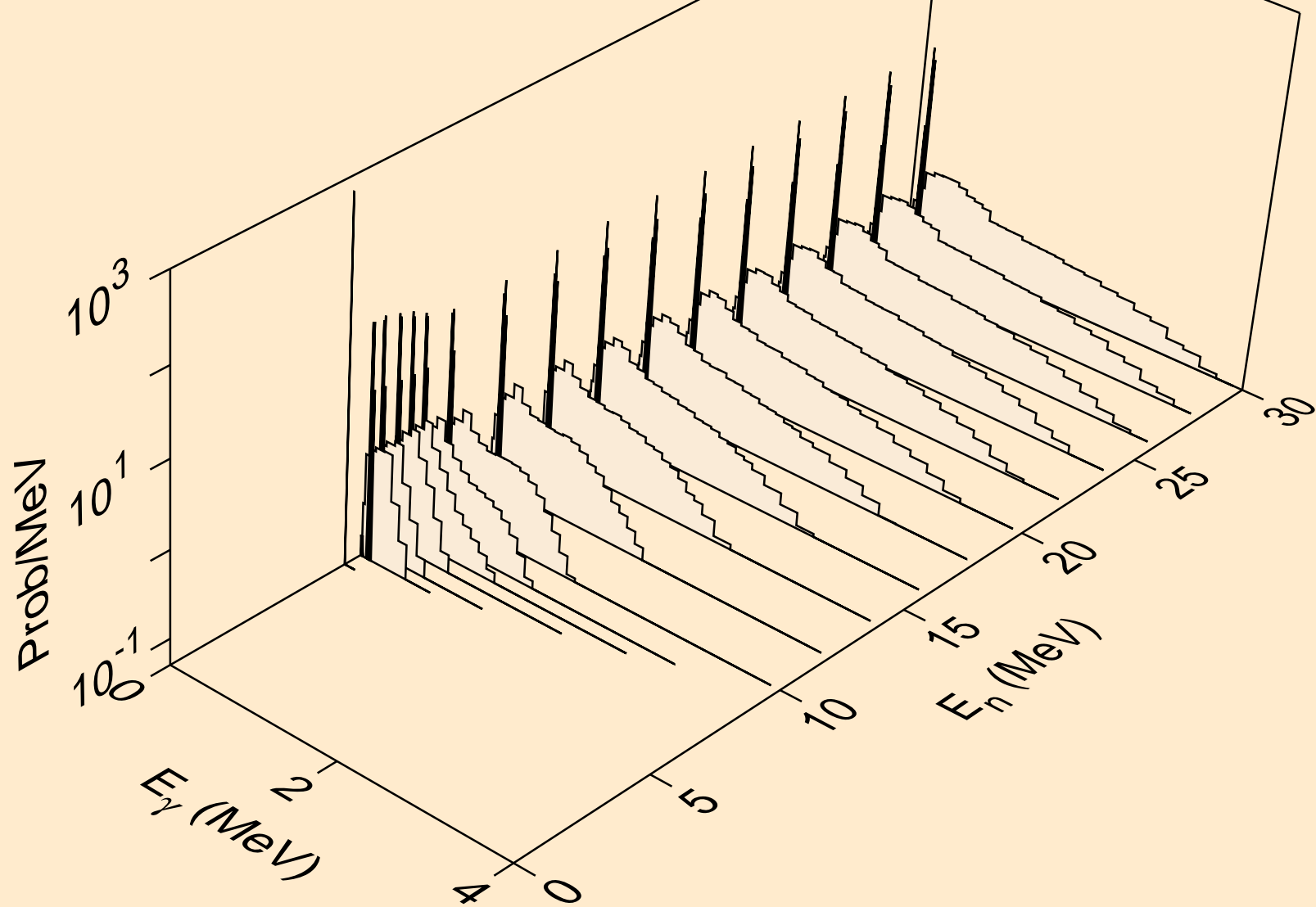
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

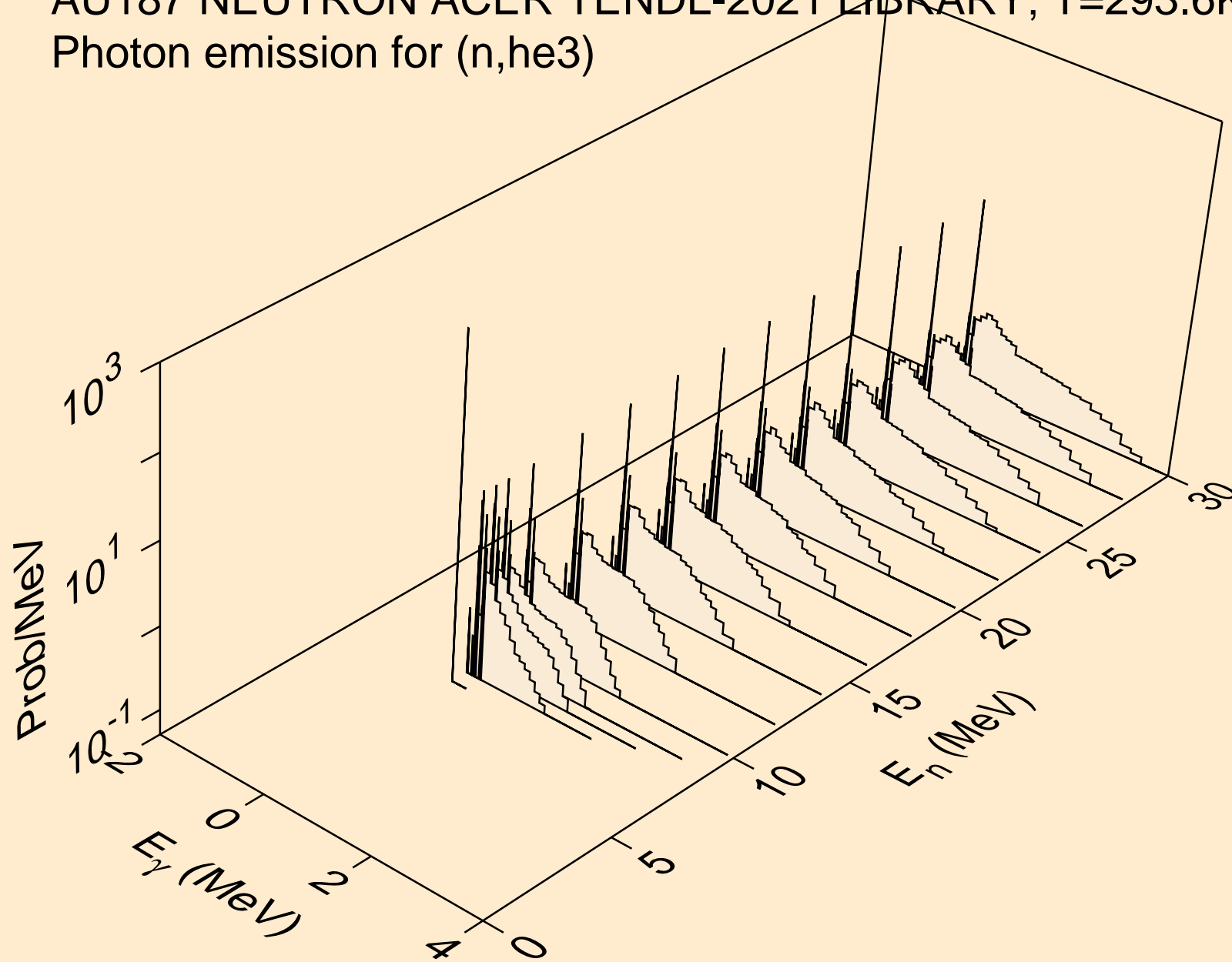


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Photon emission for (n,t)

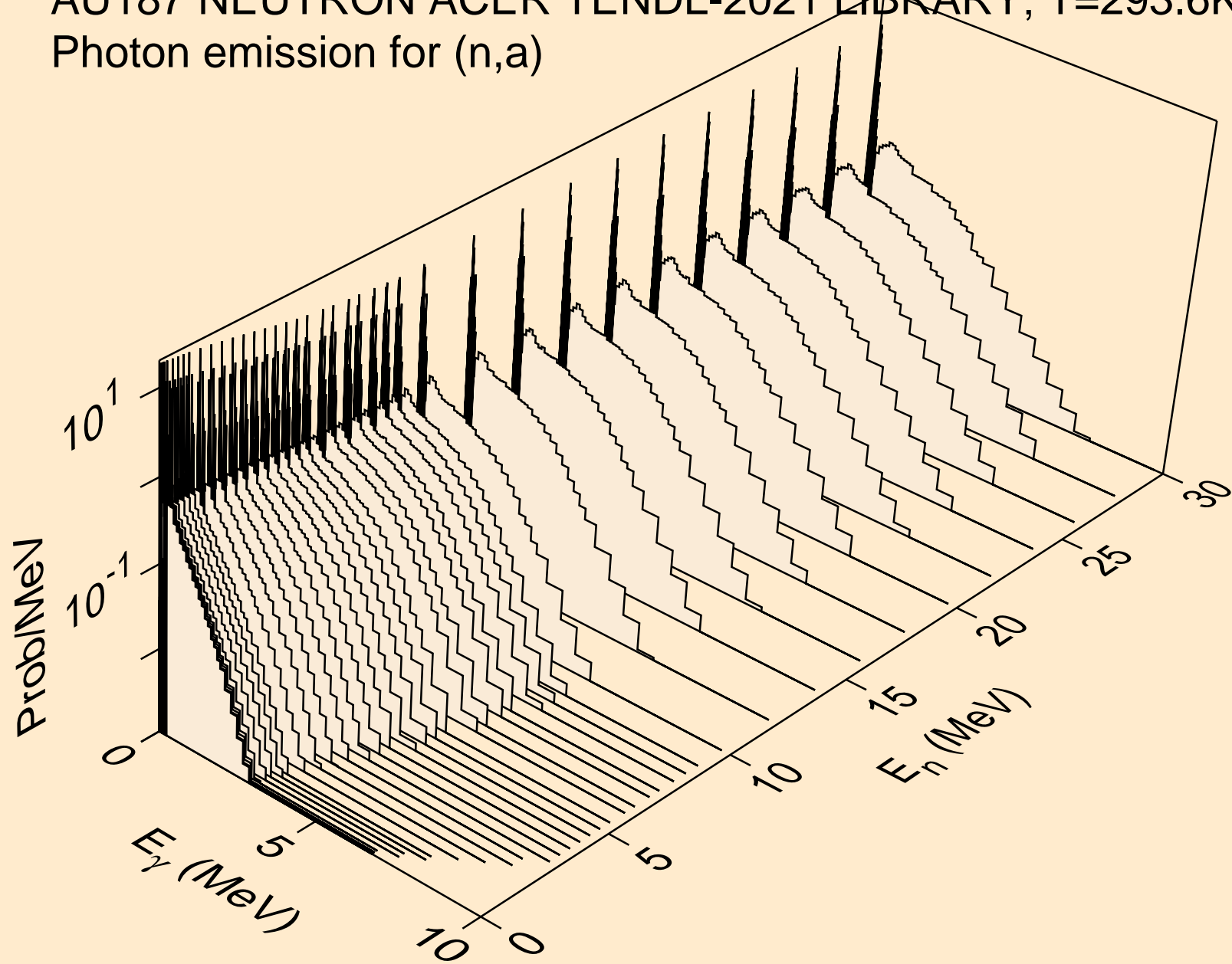




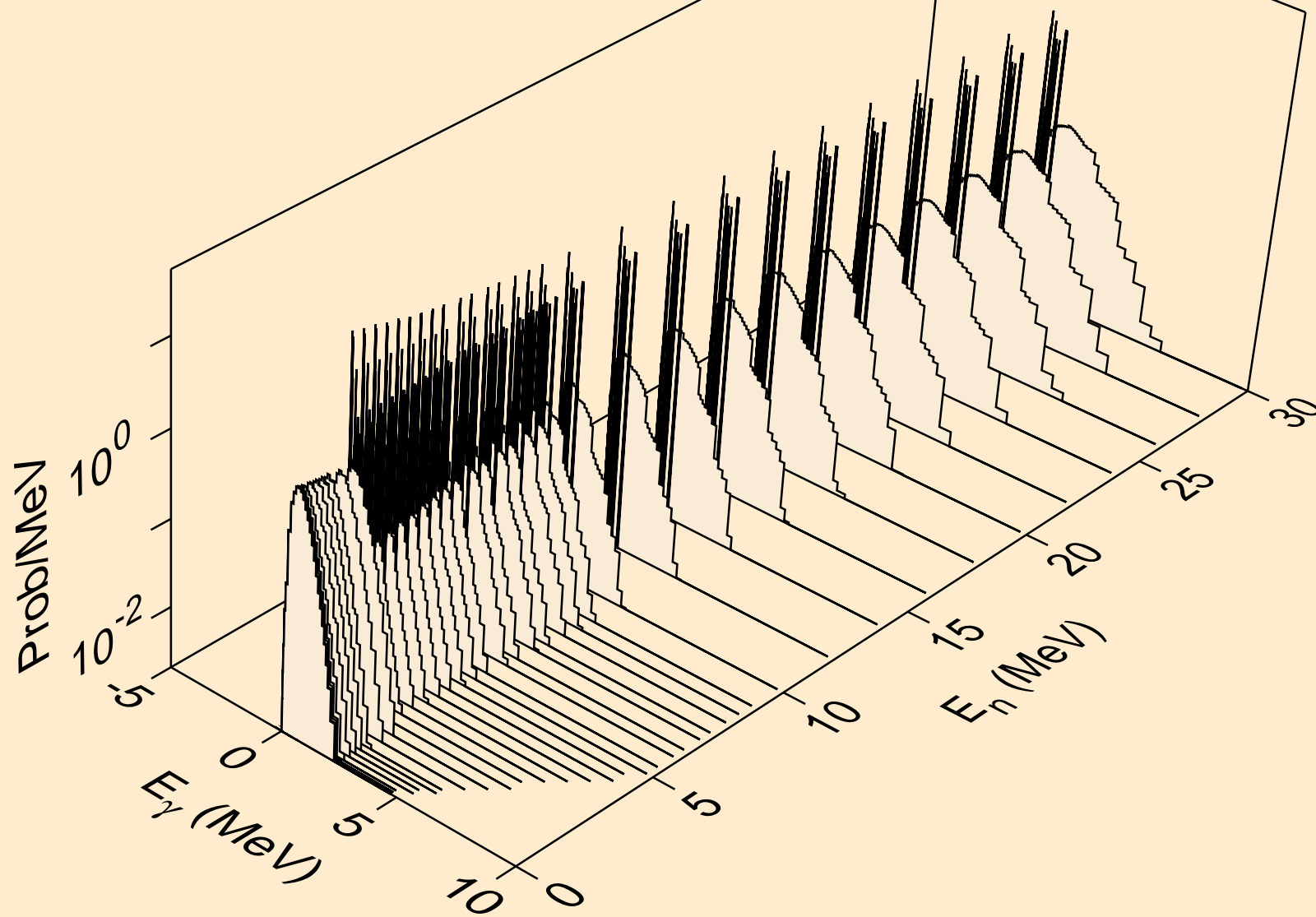
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Photon emission for (n,he3)



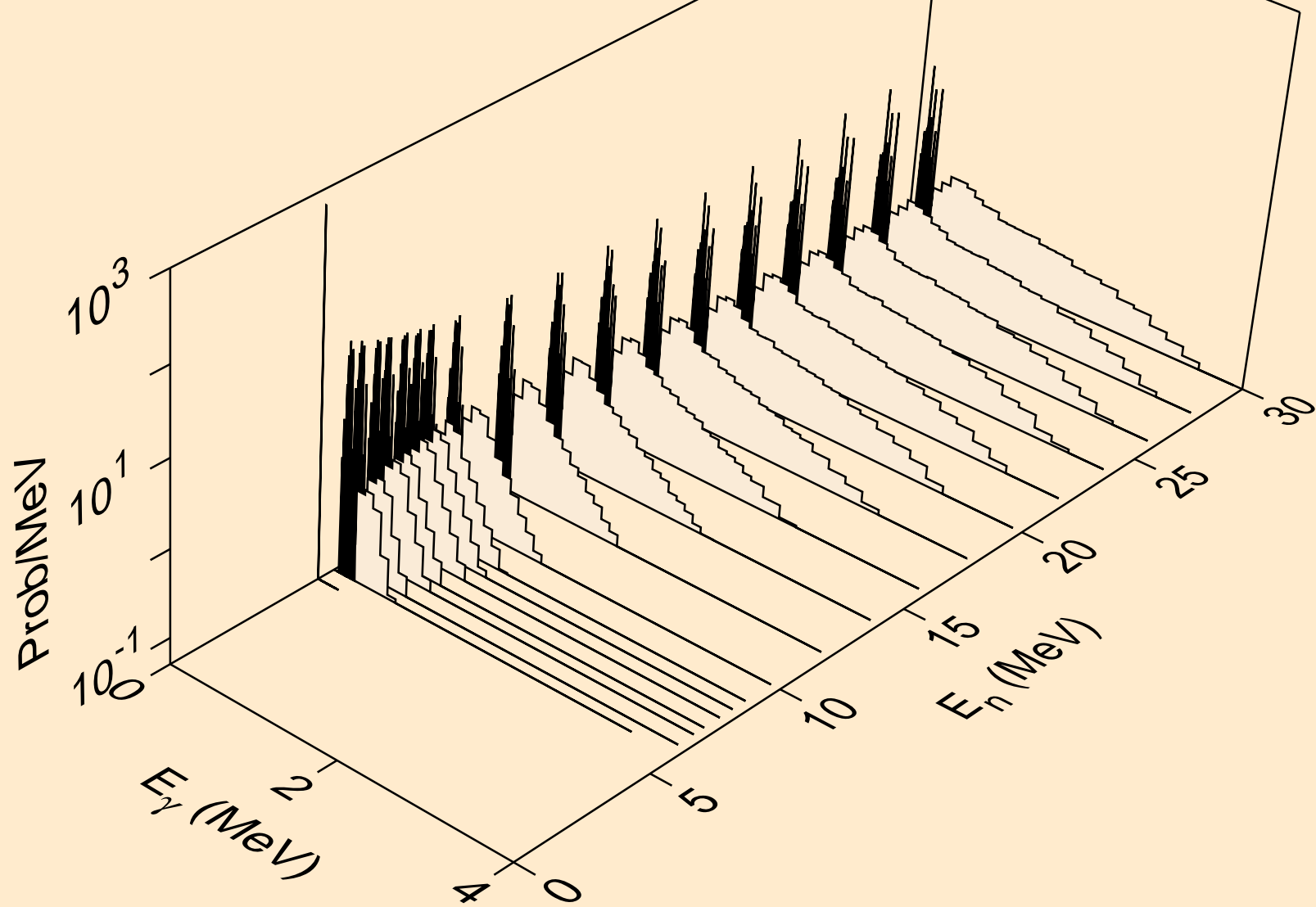
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Photon emission for (n,a)



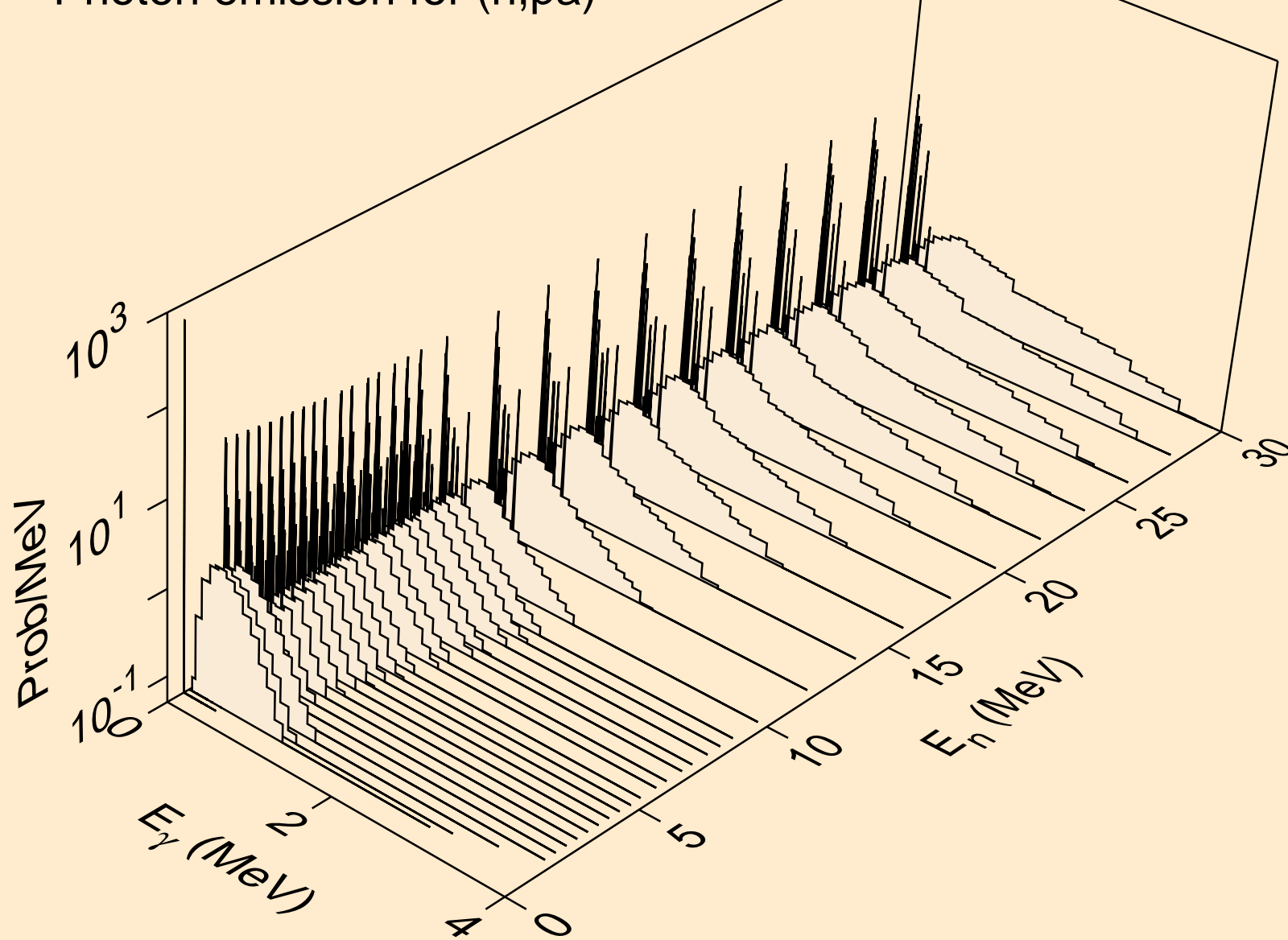
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Photon emission for (n,2a)



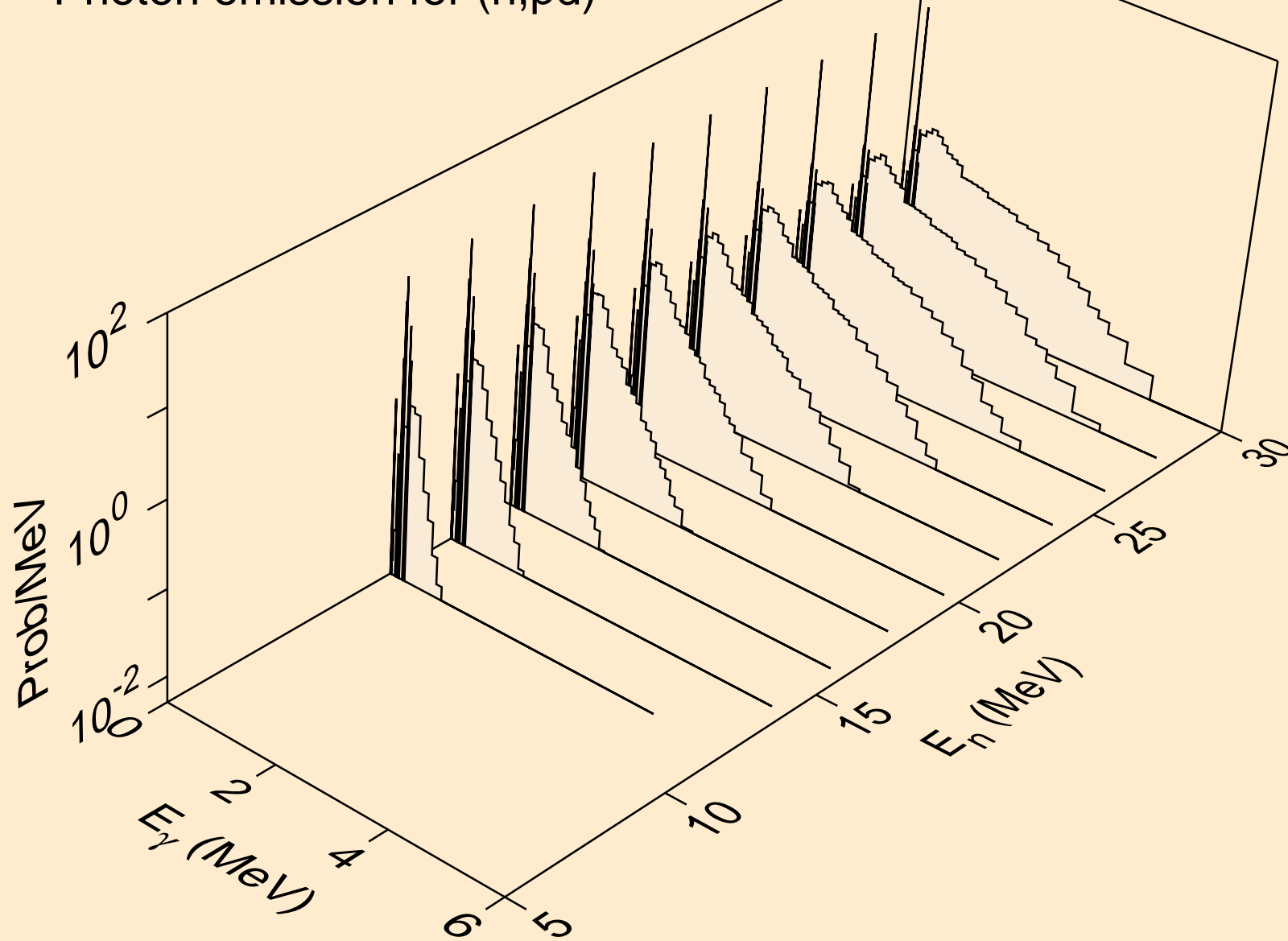
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Photon emission for (n,2p)



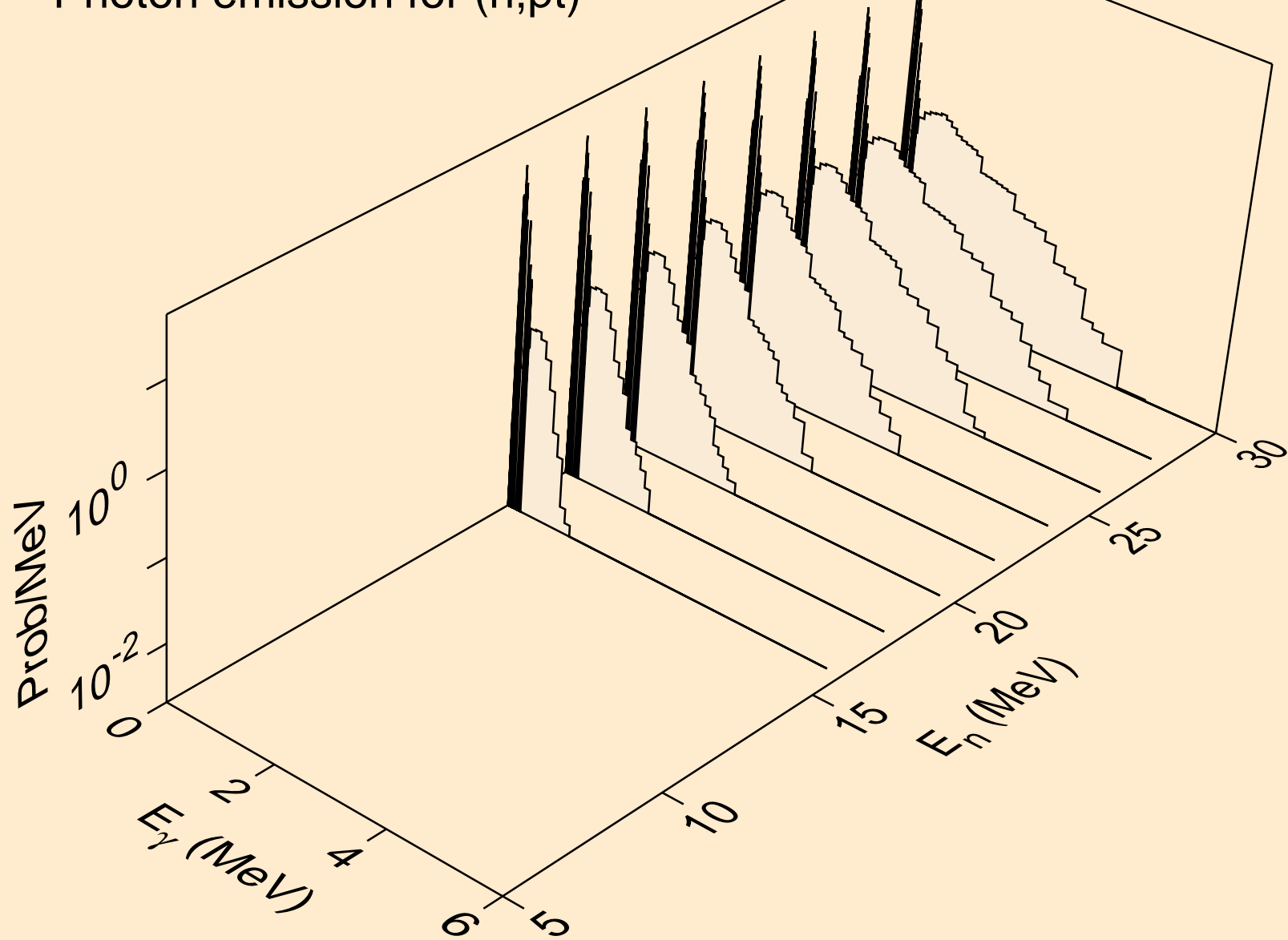
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Photon emission for (n,p $\alpha$ )



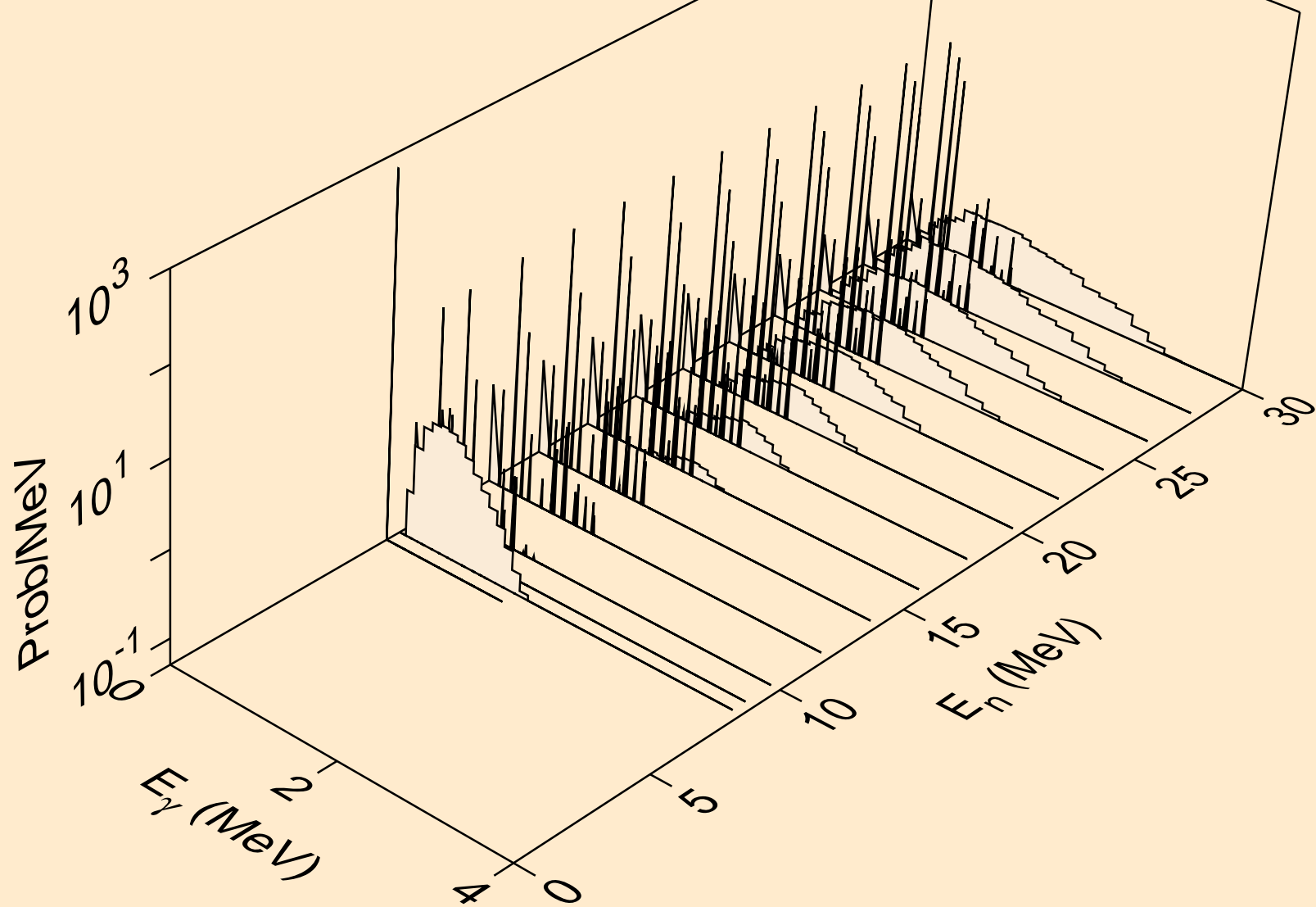
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

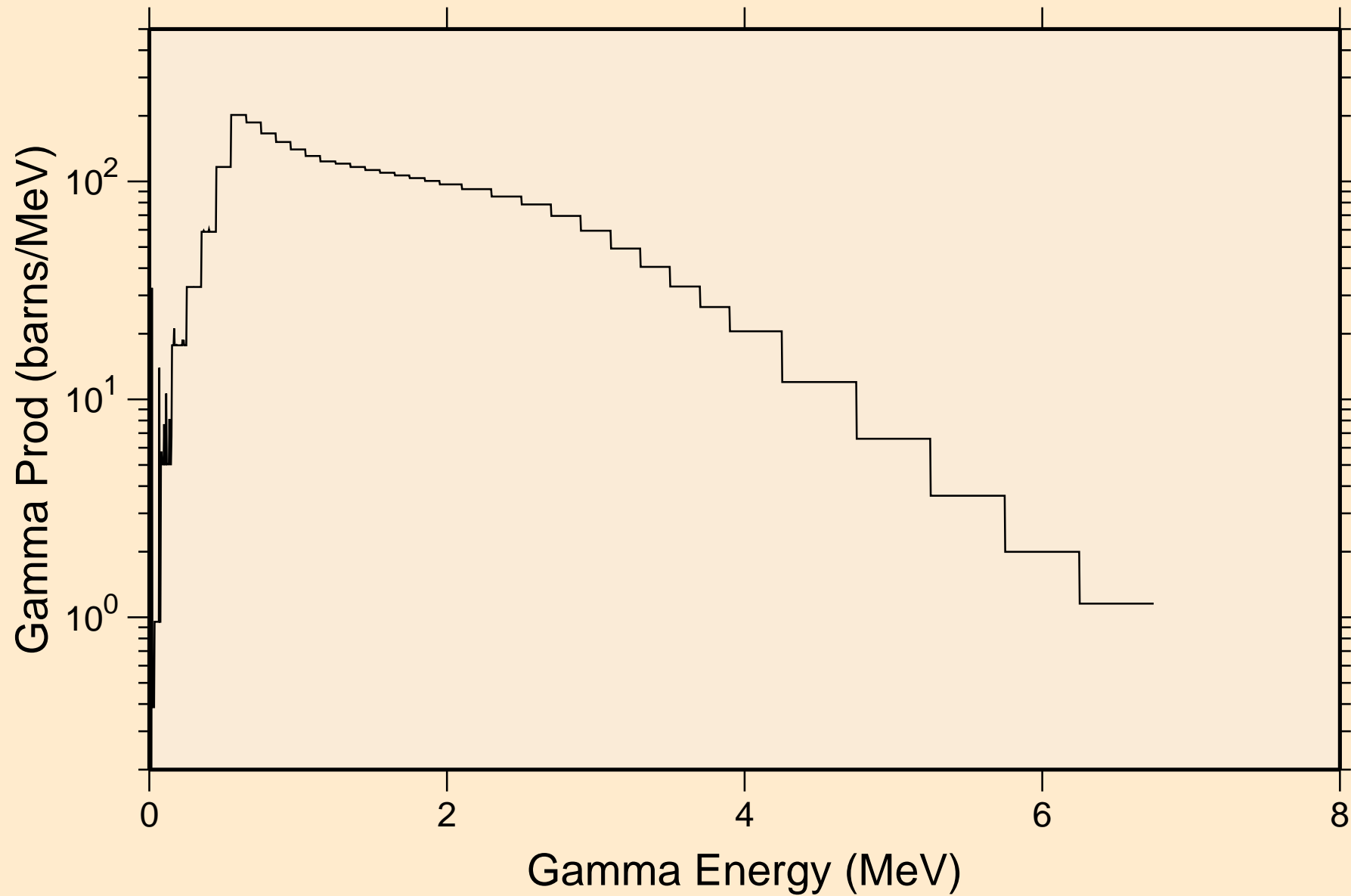


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

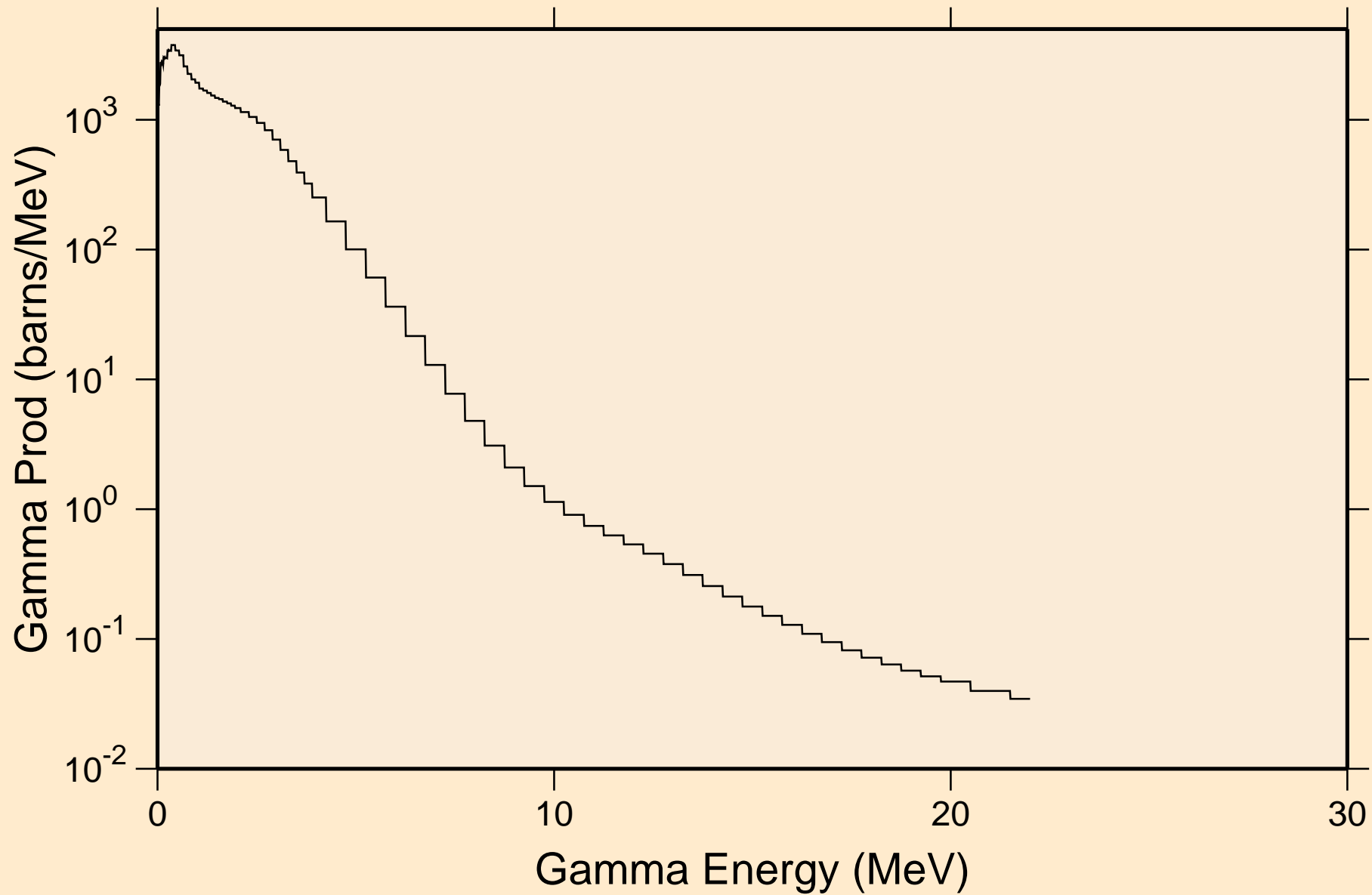




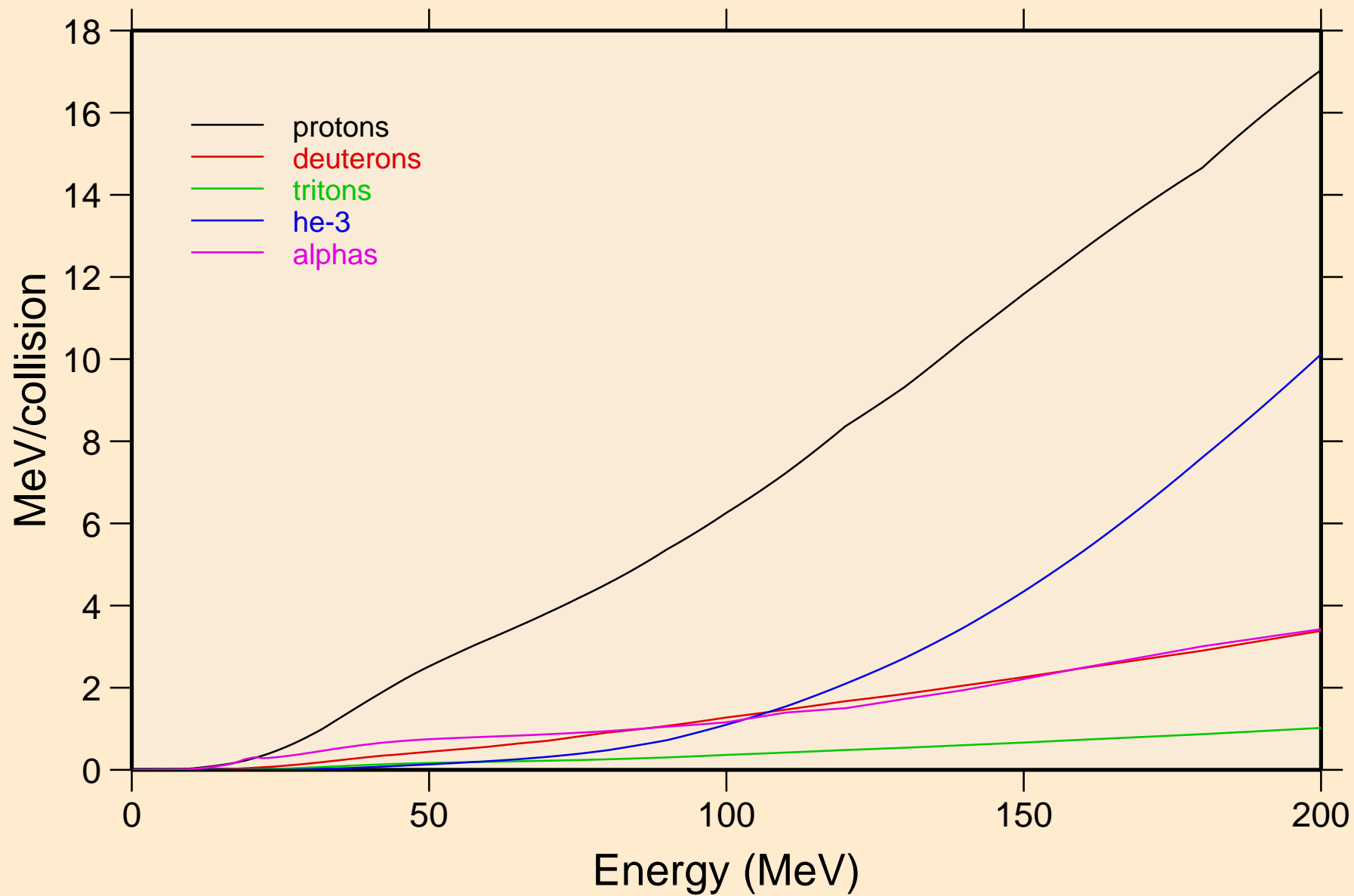
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thermal capture photon spectrum



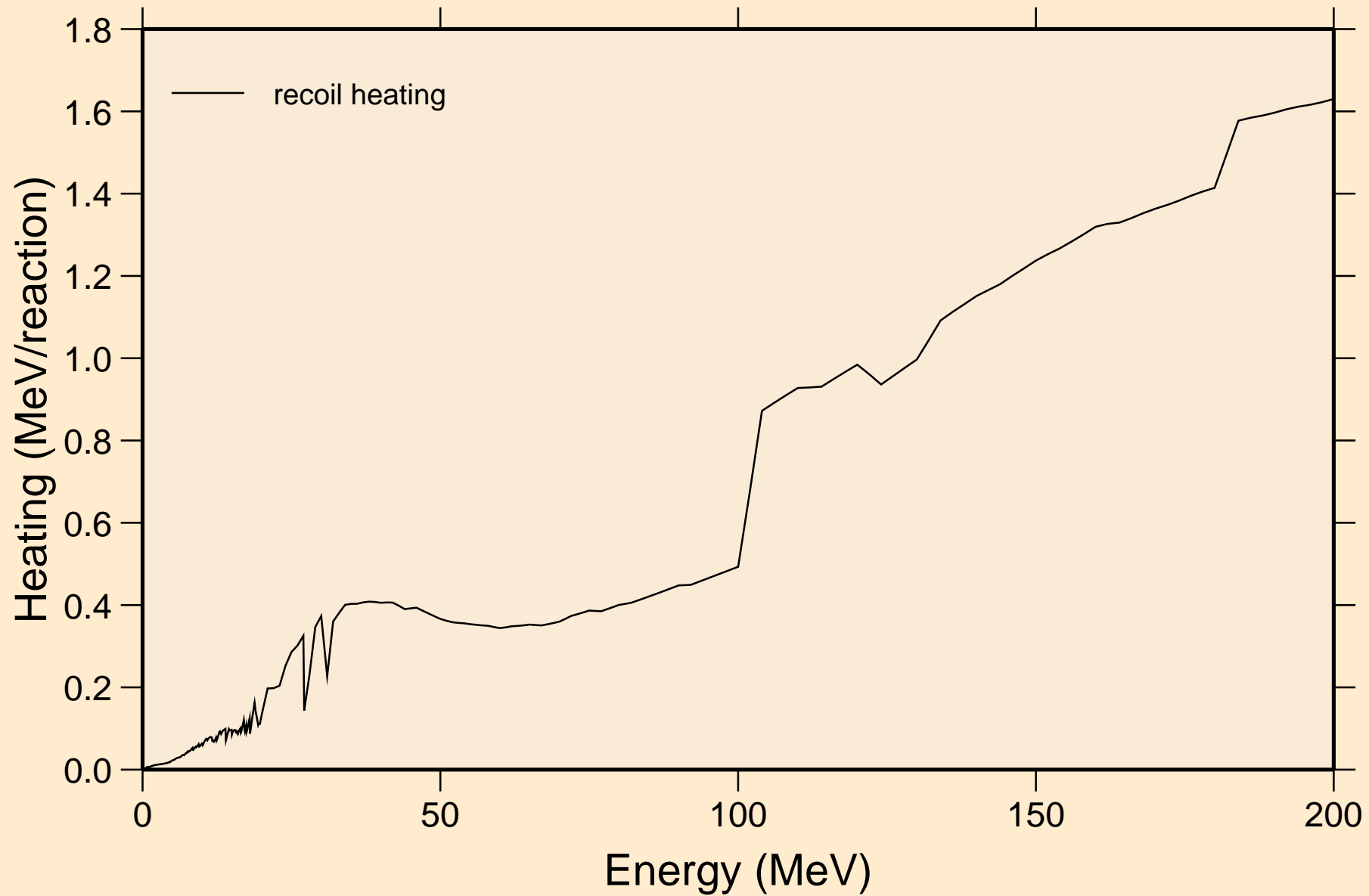
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14 MeV photon spectrum



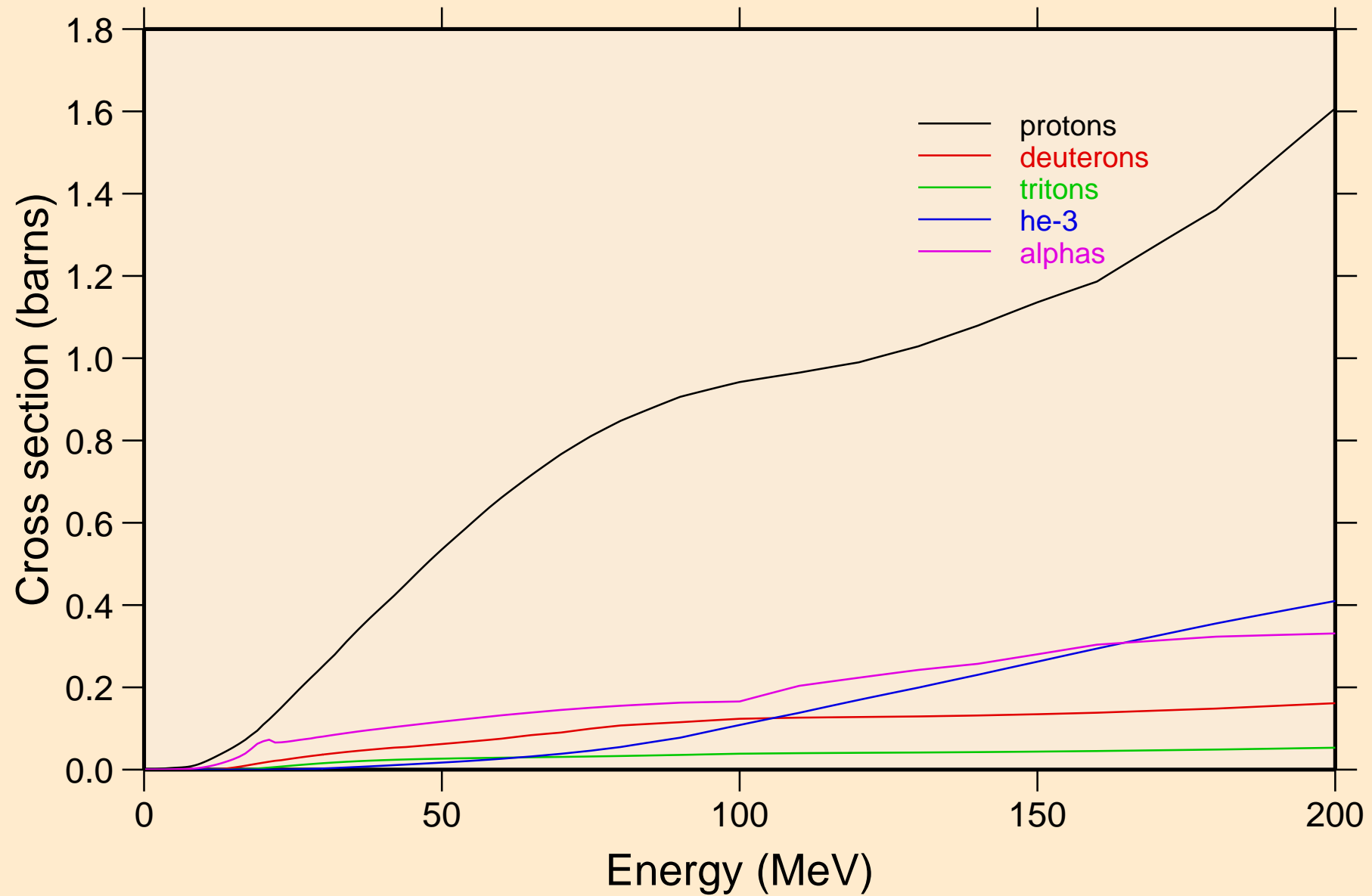
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Particle heating contributions



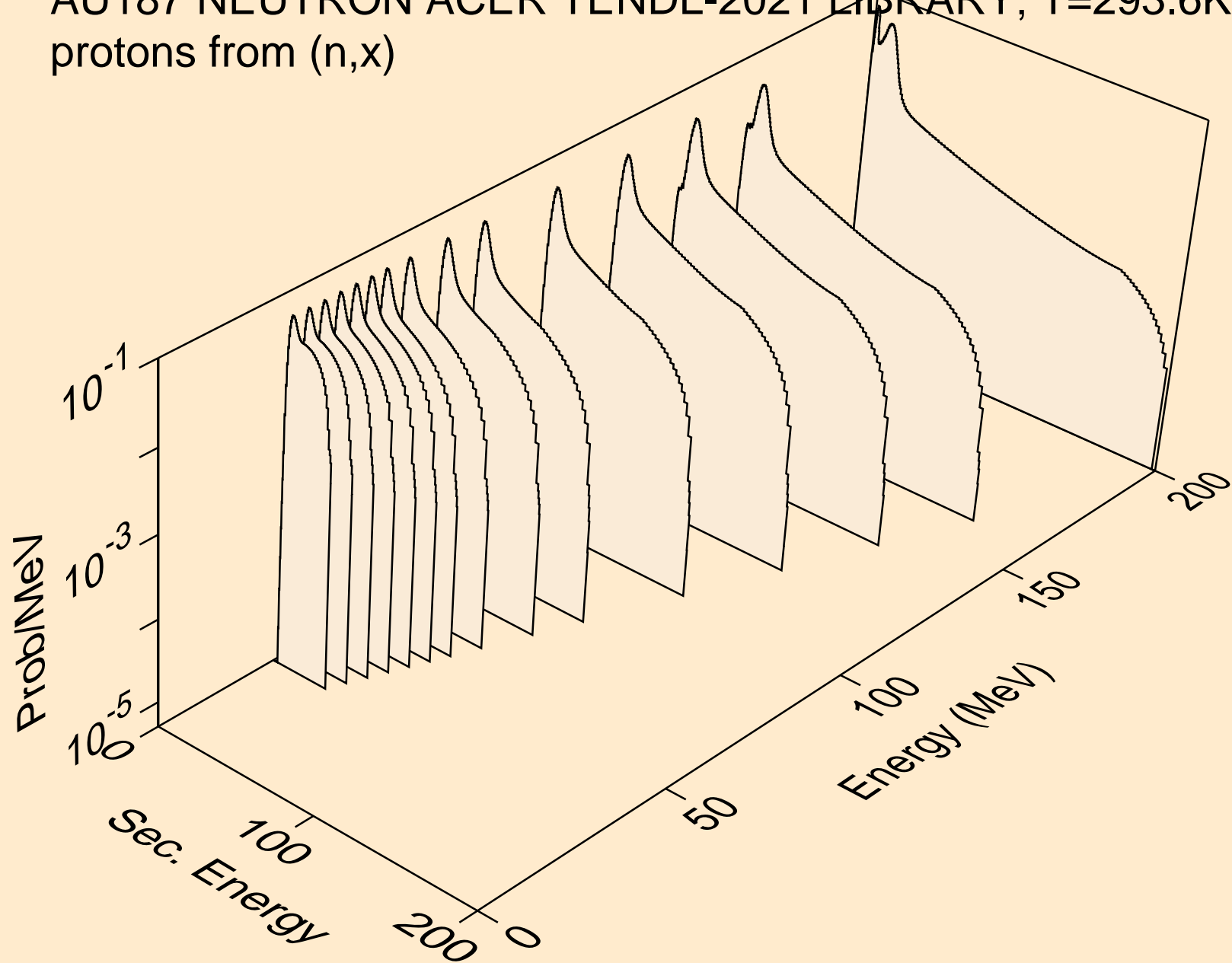
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Recoil Heating



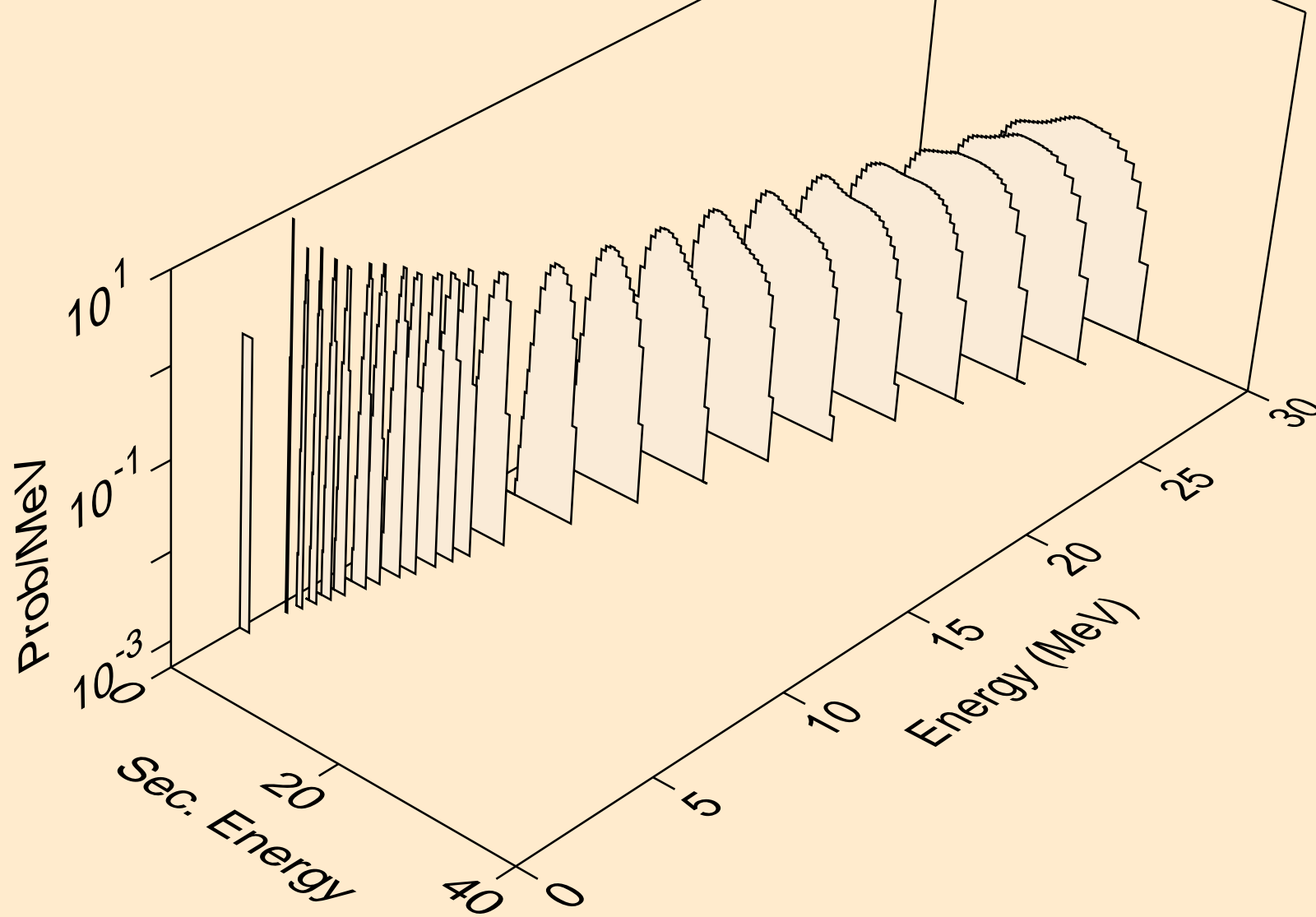
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Particle production cross sections



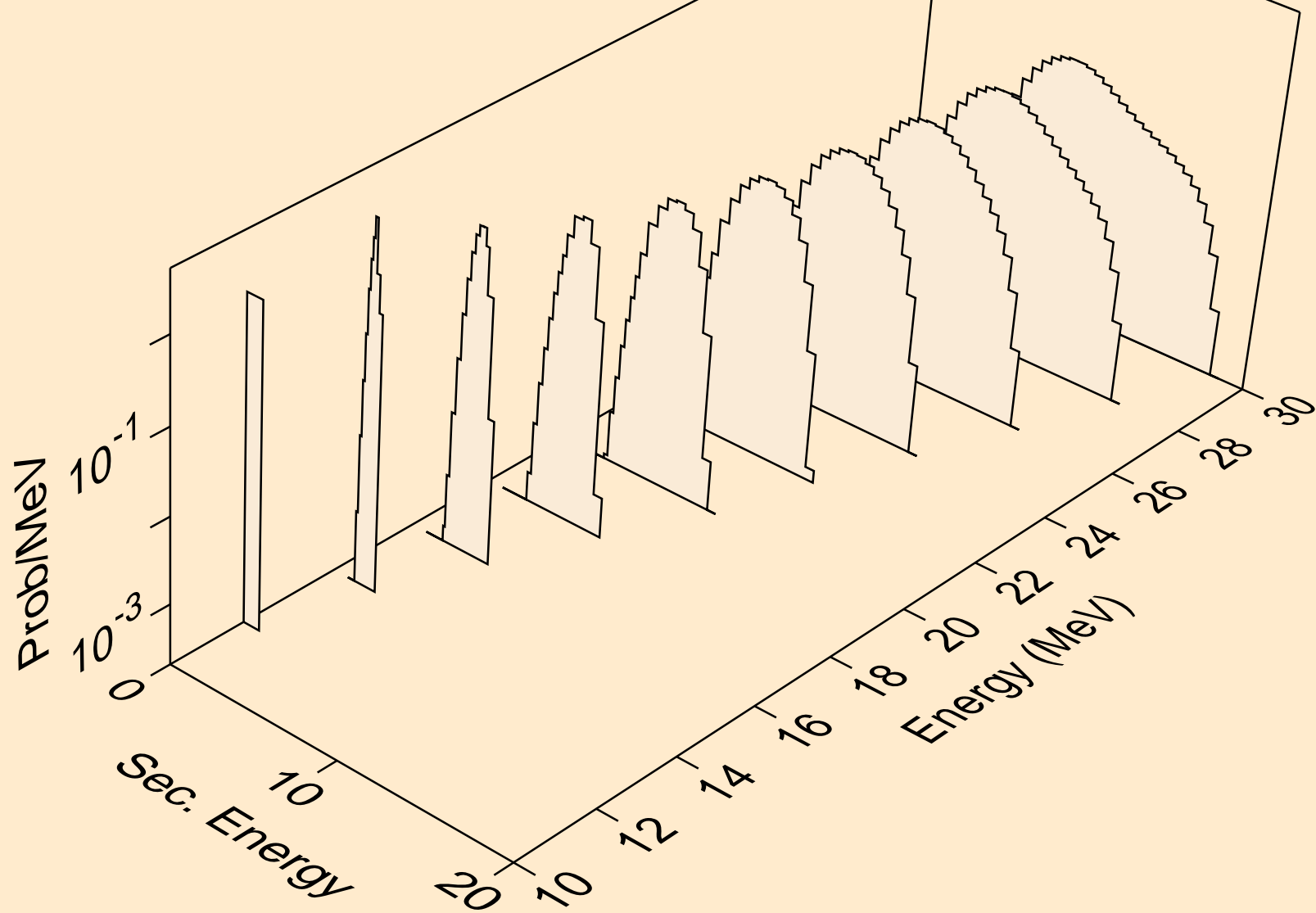
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

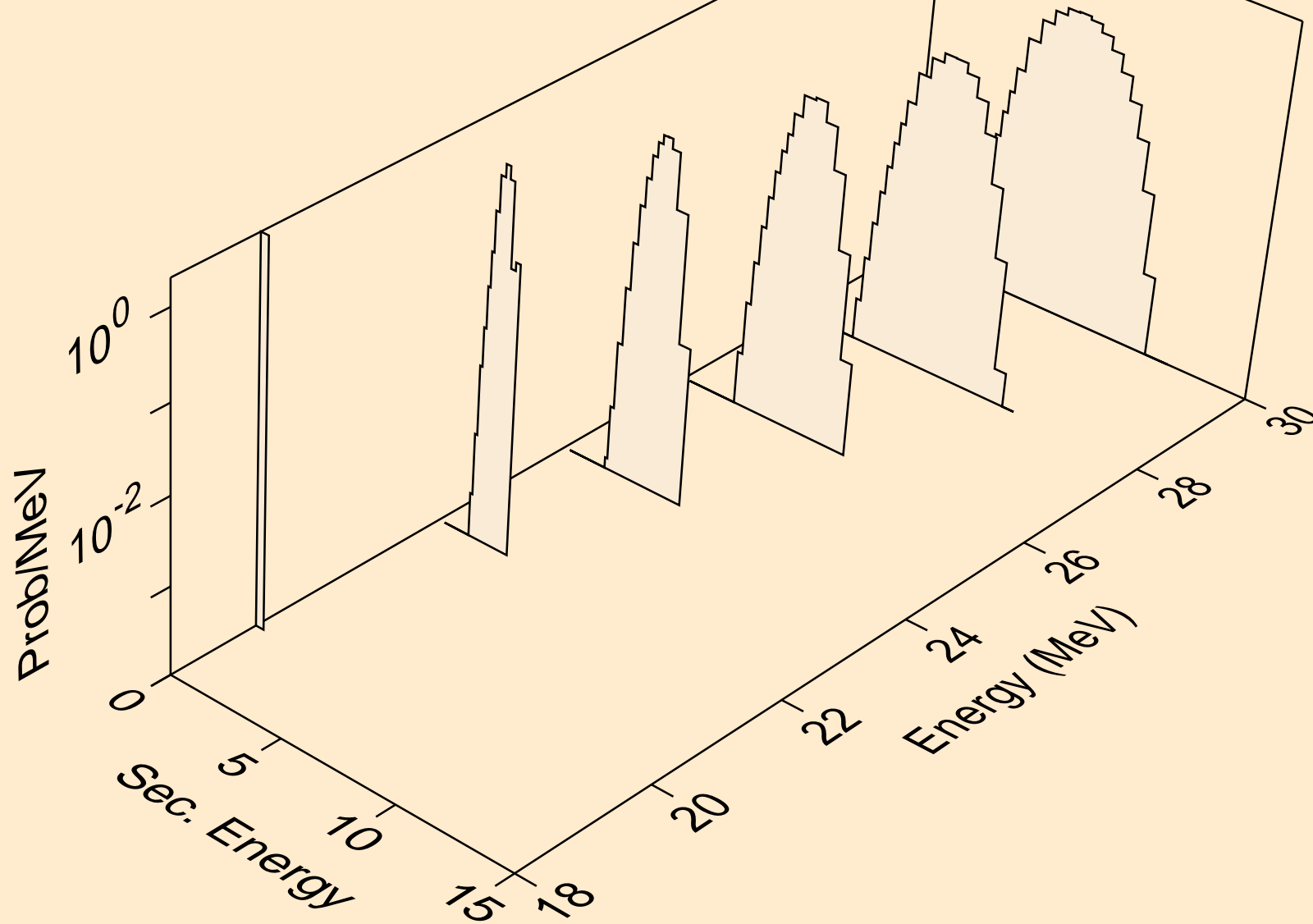


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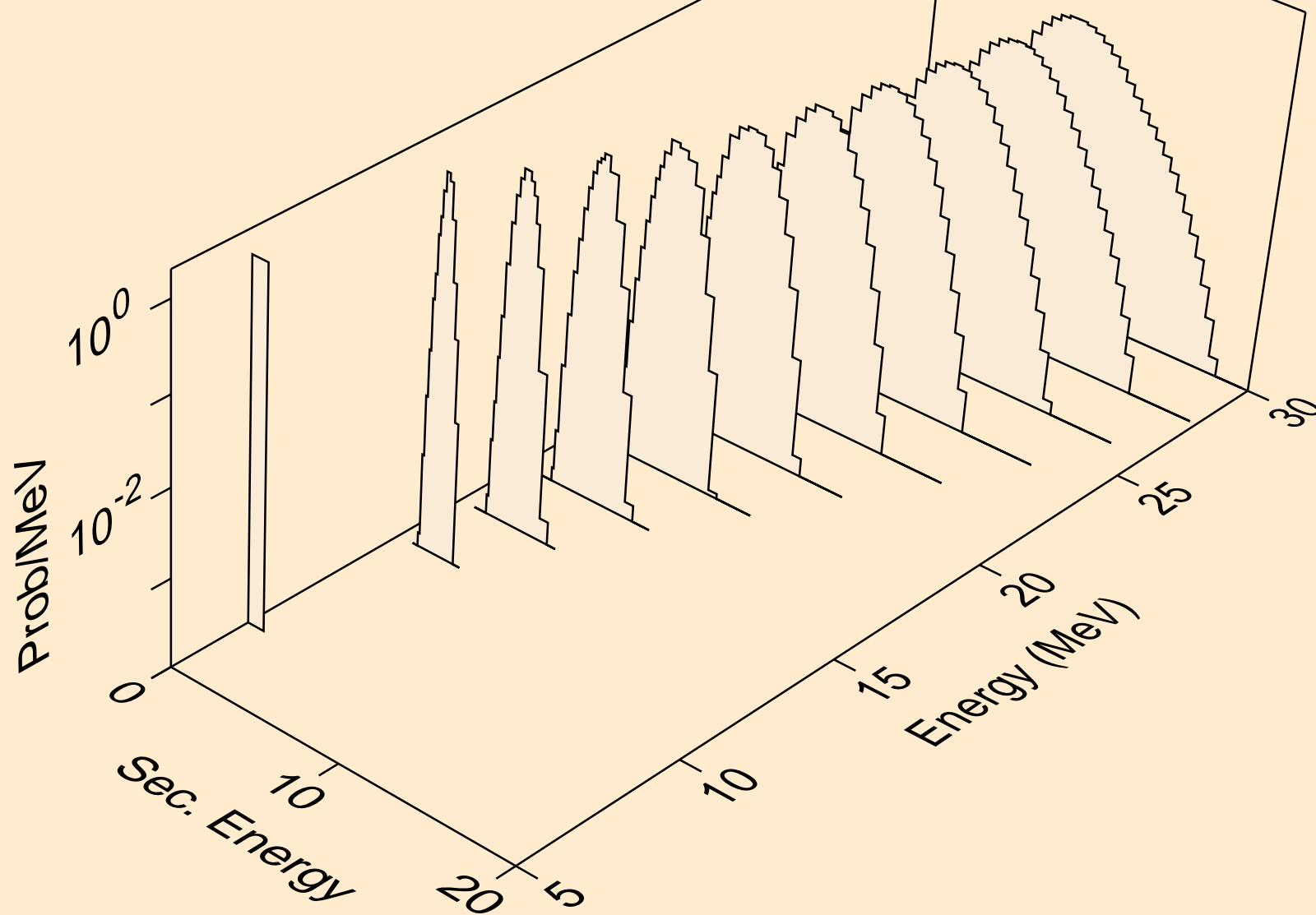




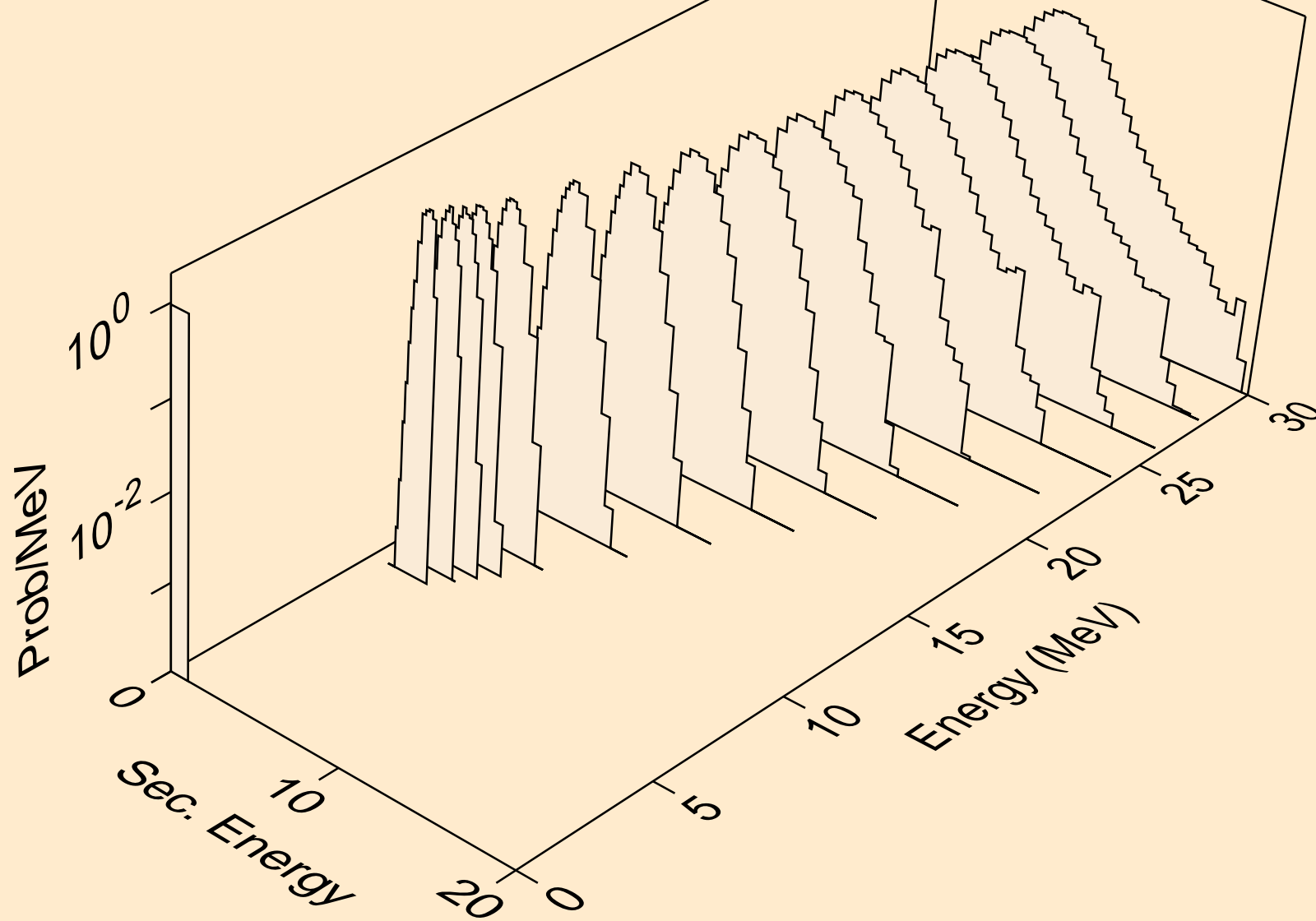
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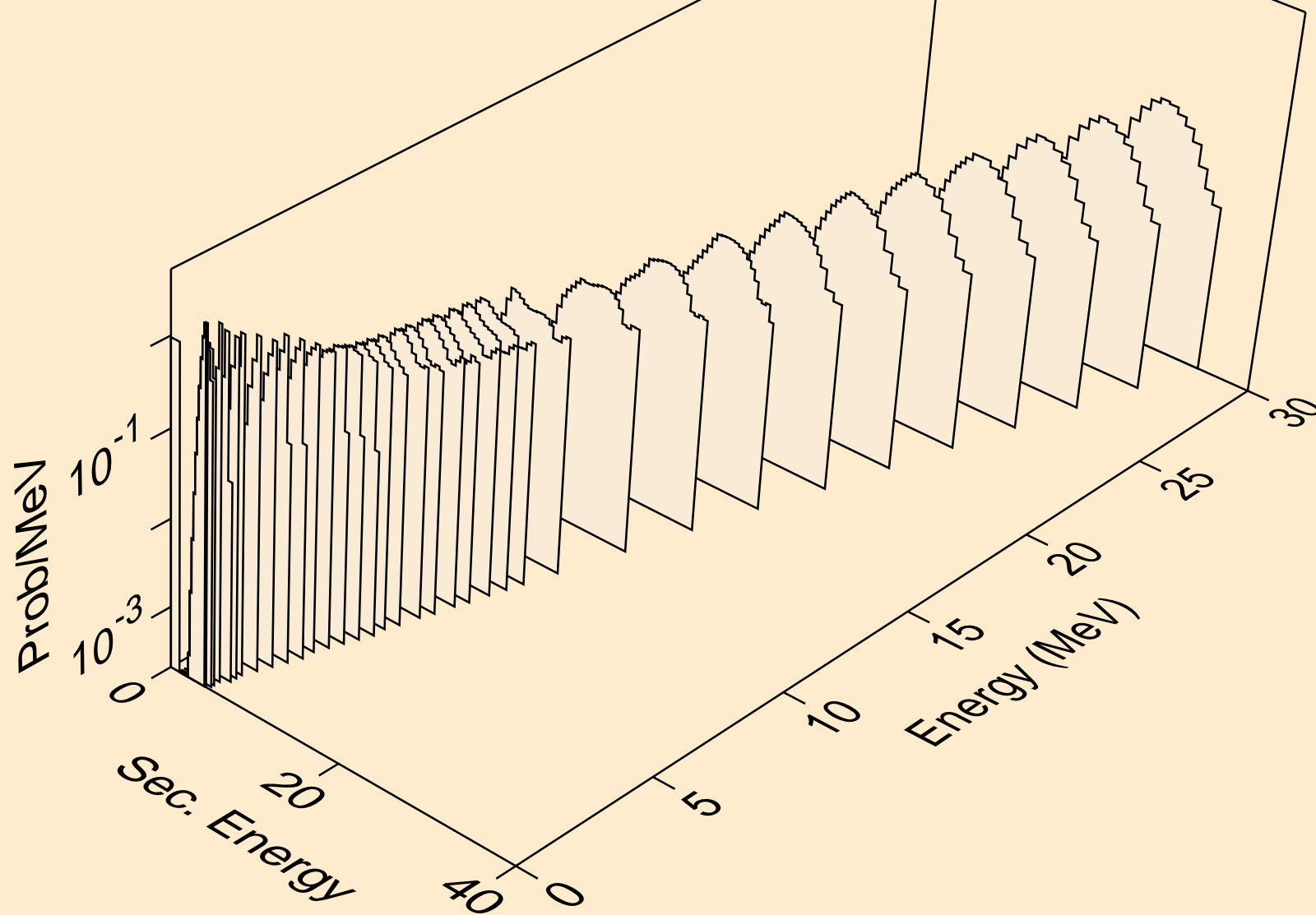
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protons from (n,2np)



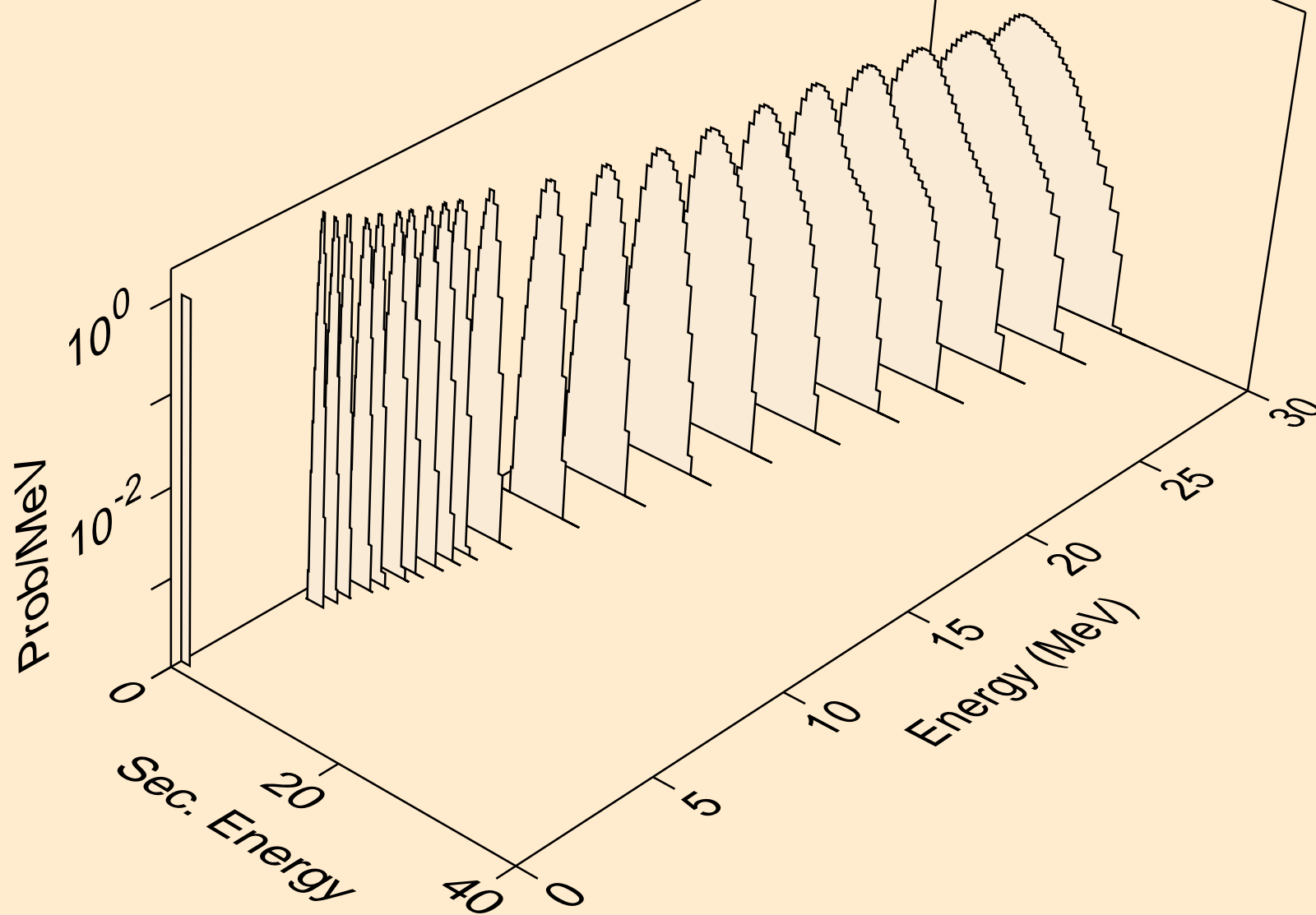
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protons from (n,npa)



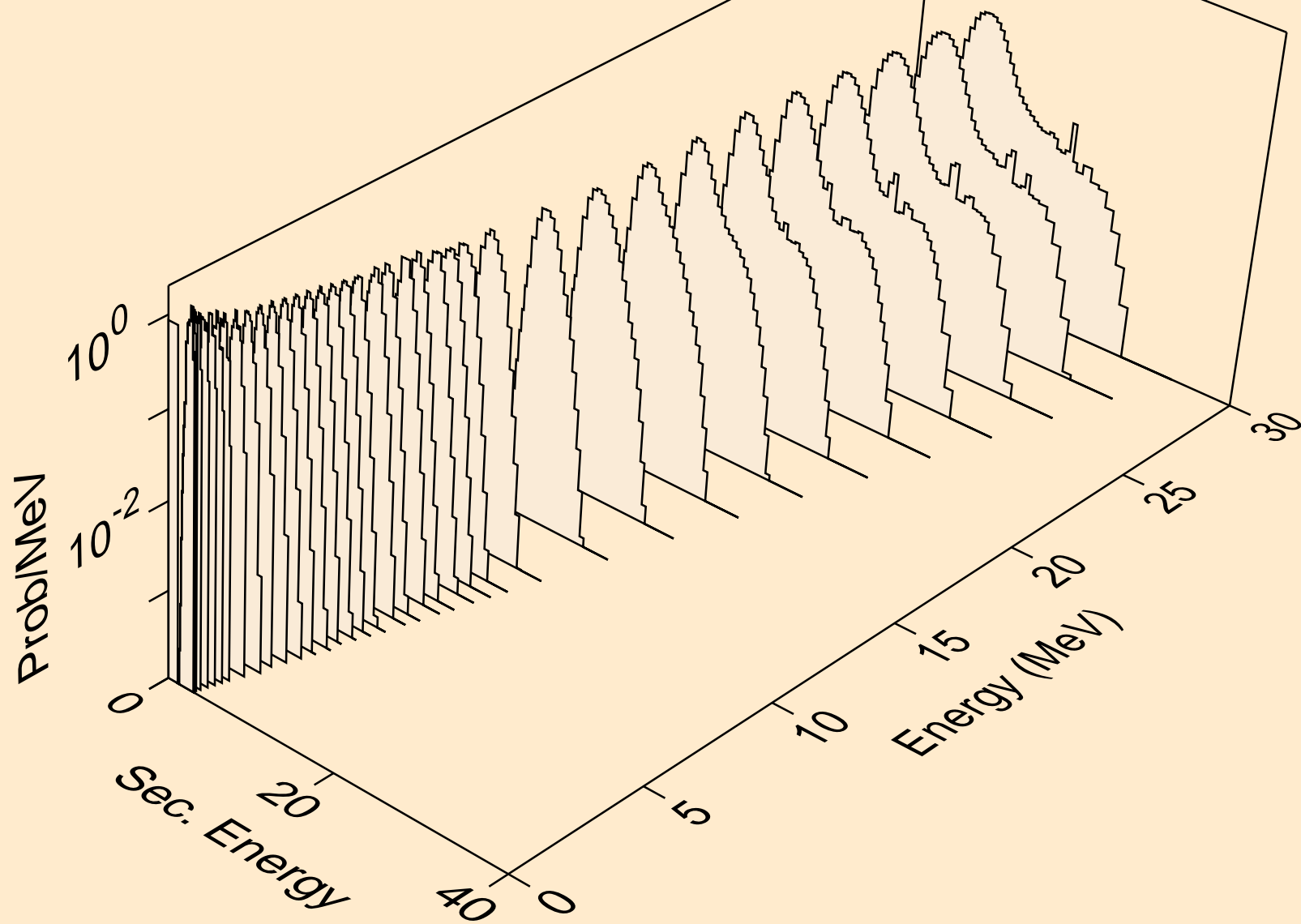
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protons from (n,p)



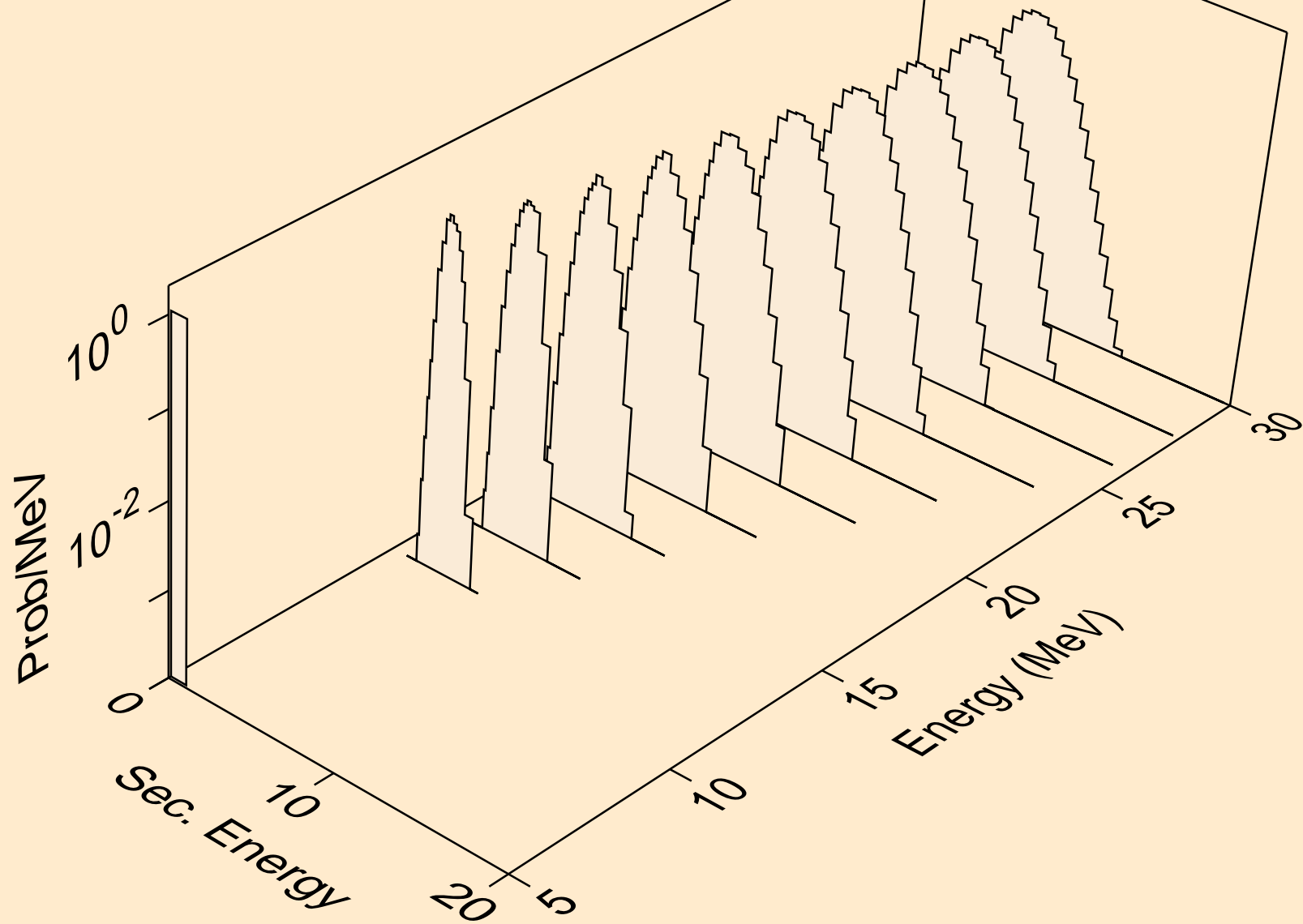
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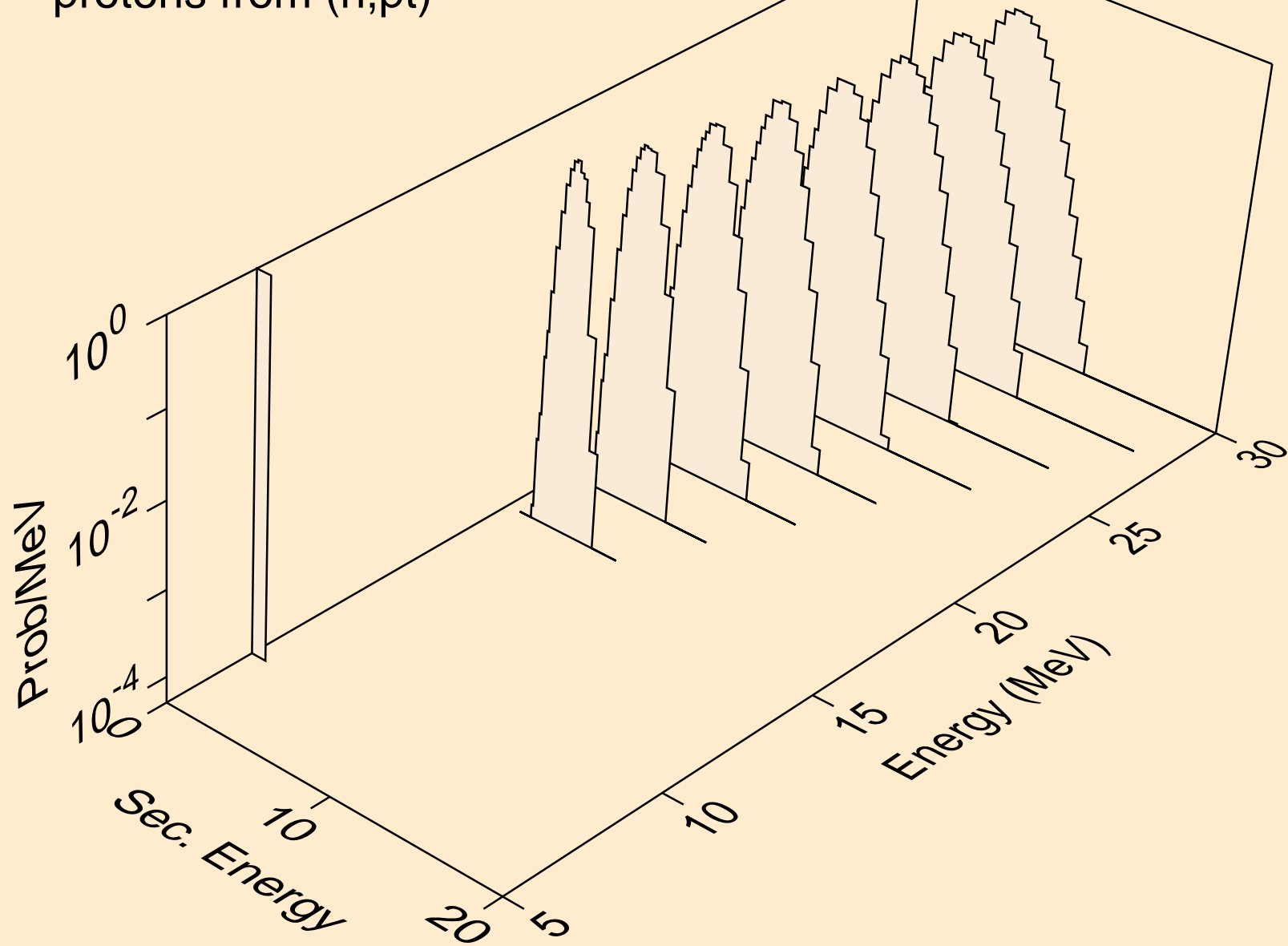
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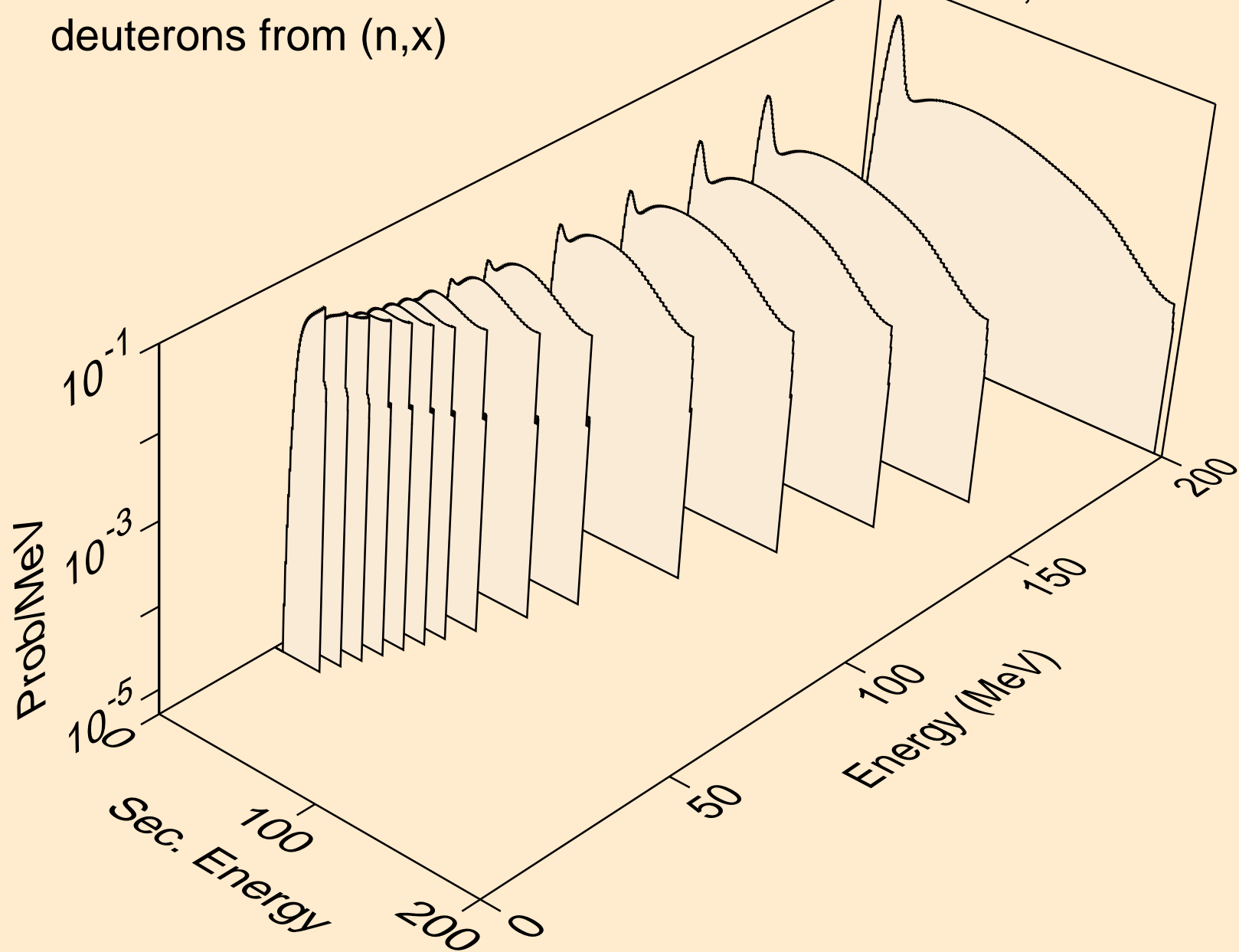


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protons from (n,pt)

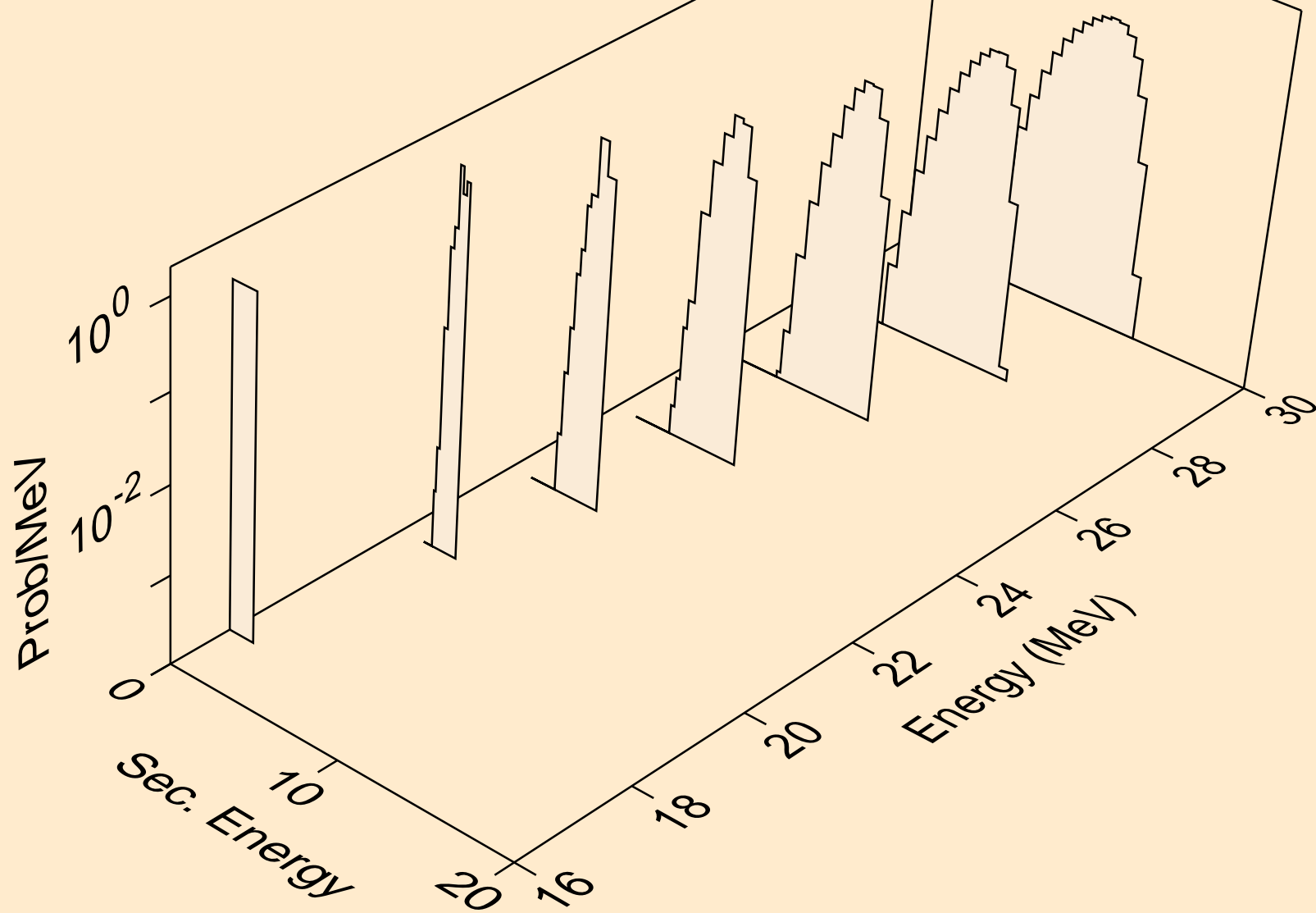




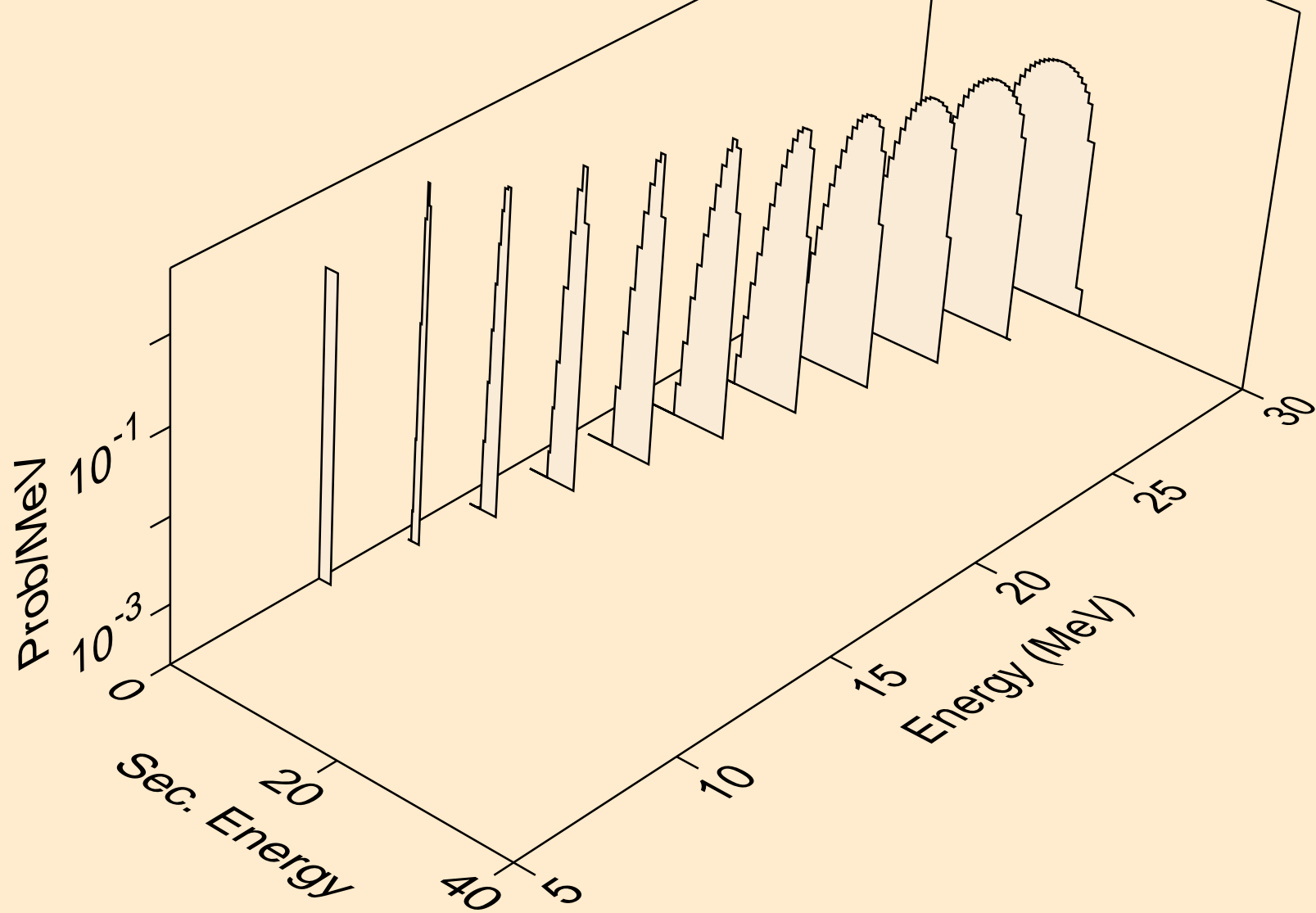
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deuterons from (n,x)



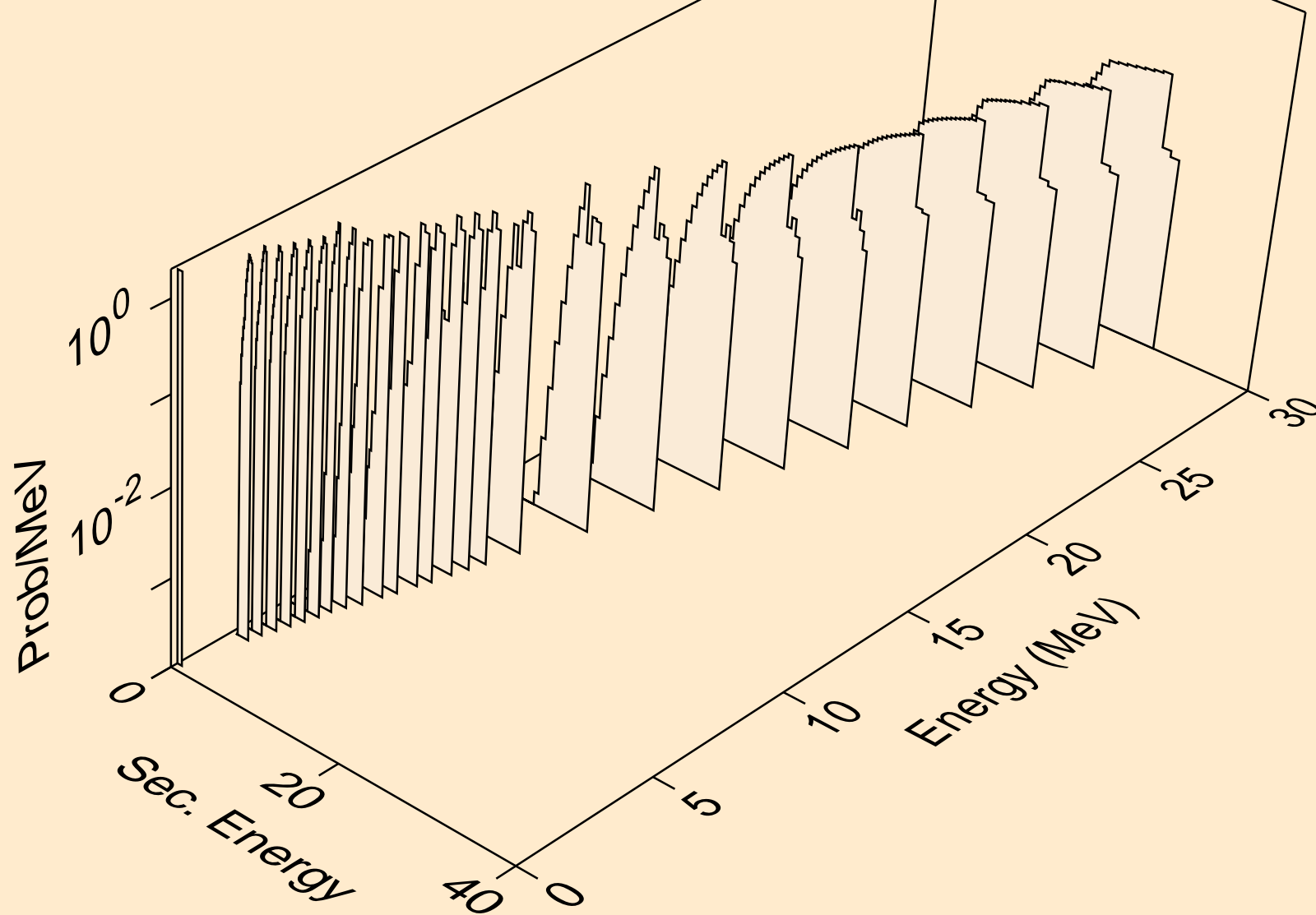
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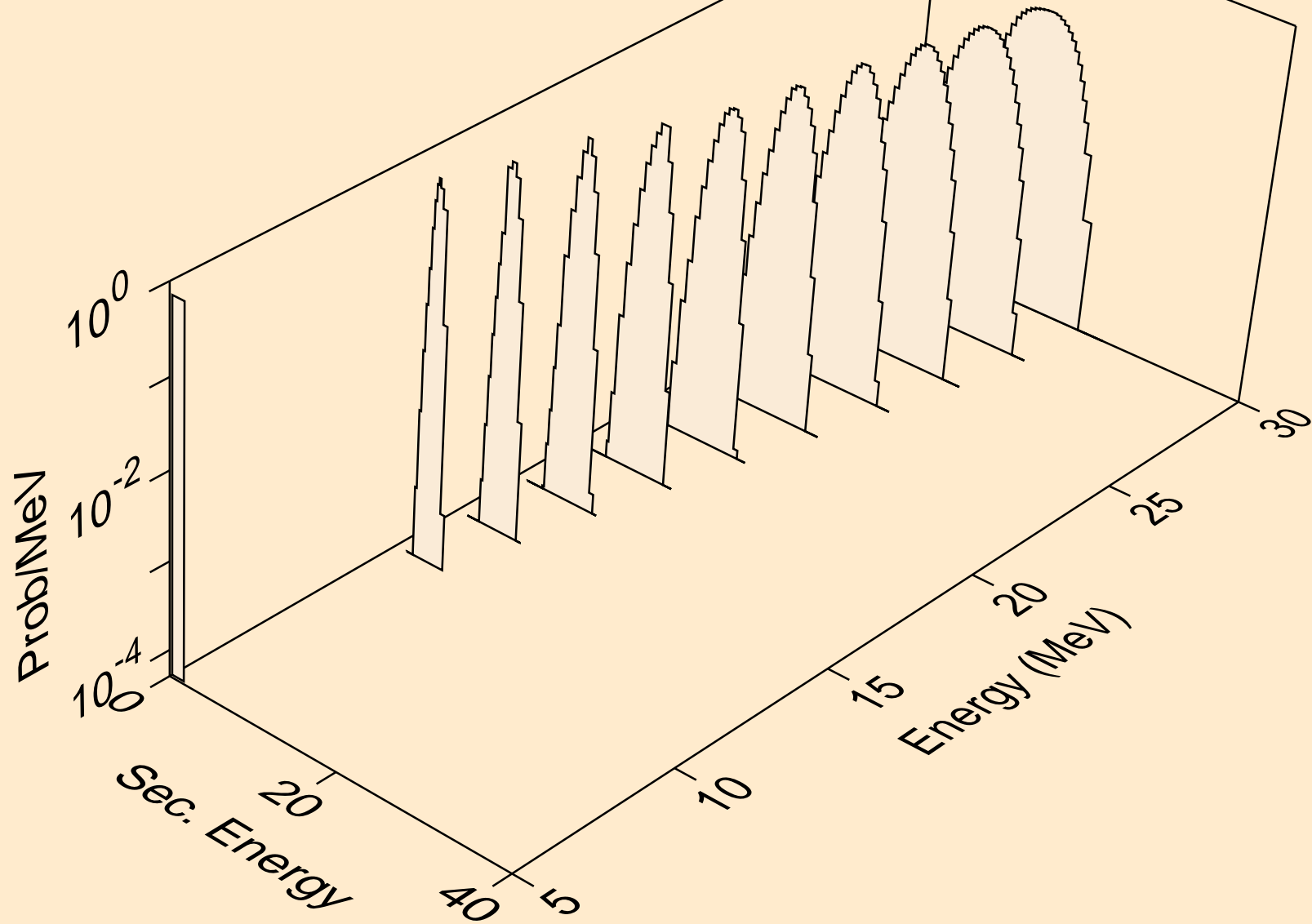
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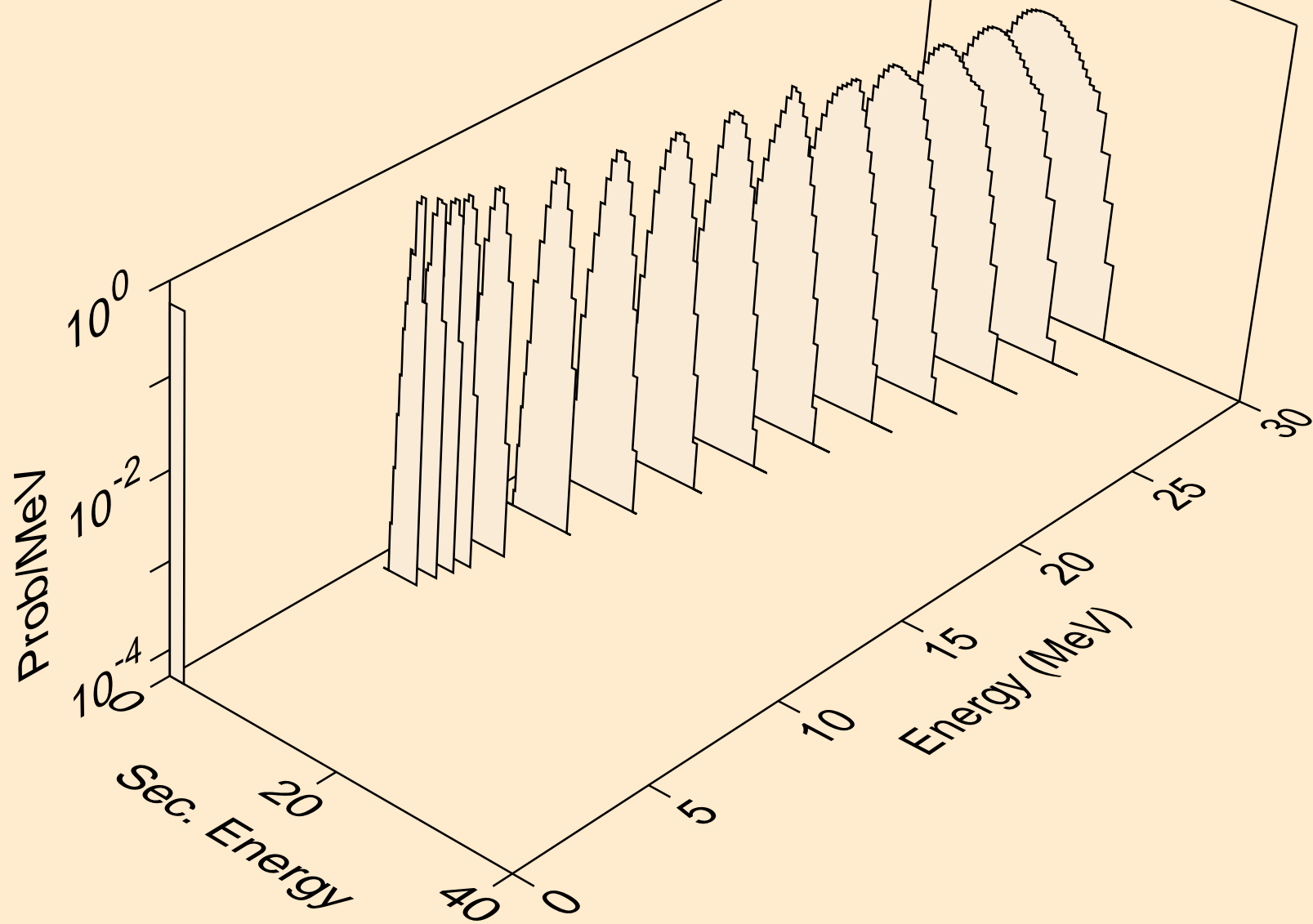
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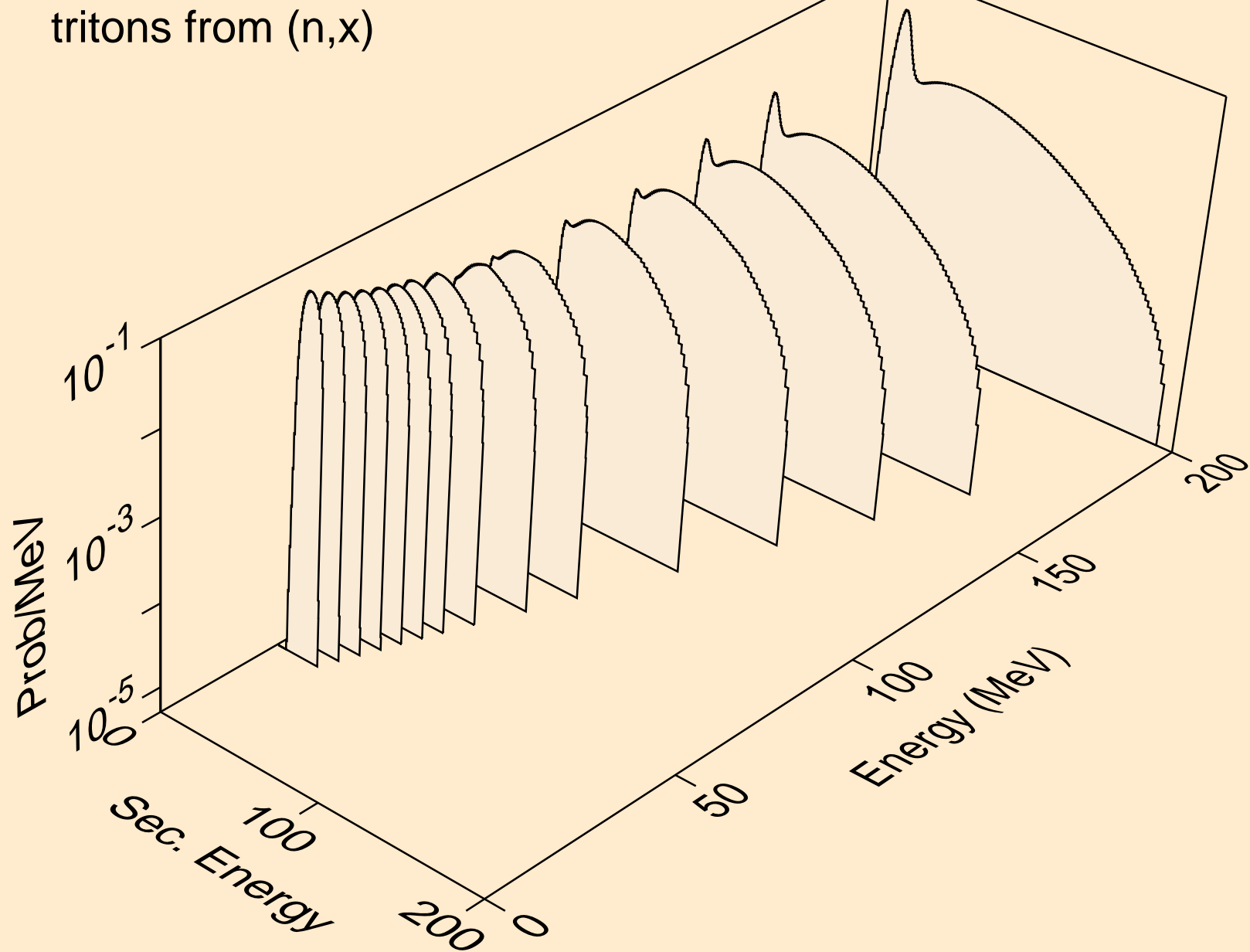
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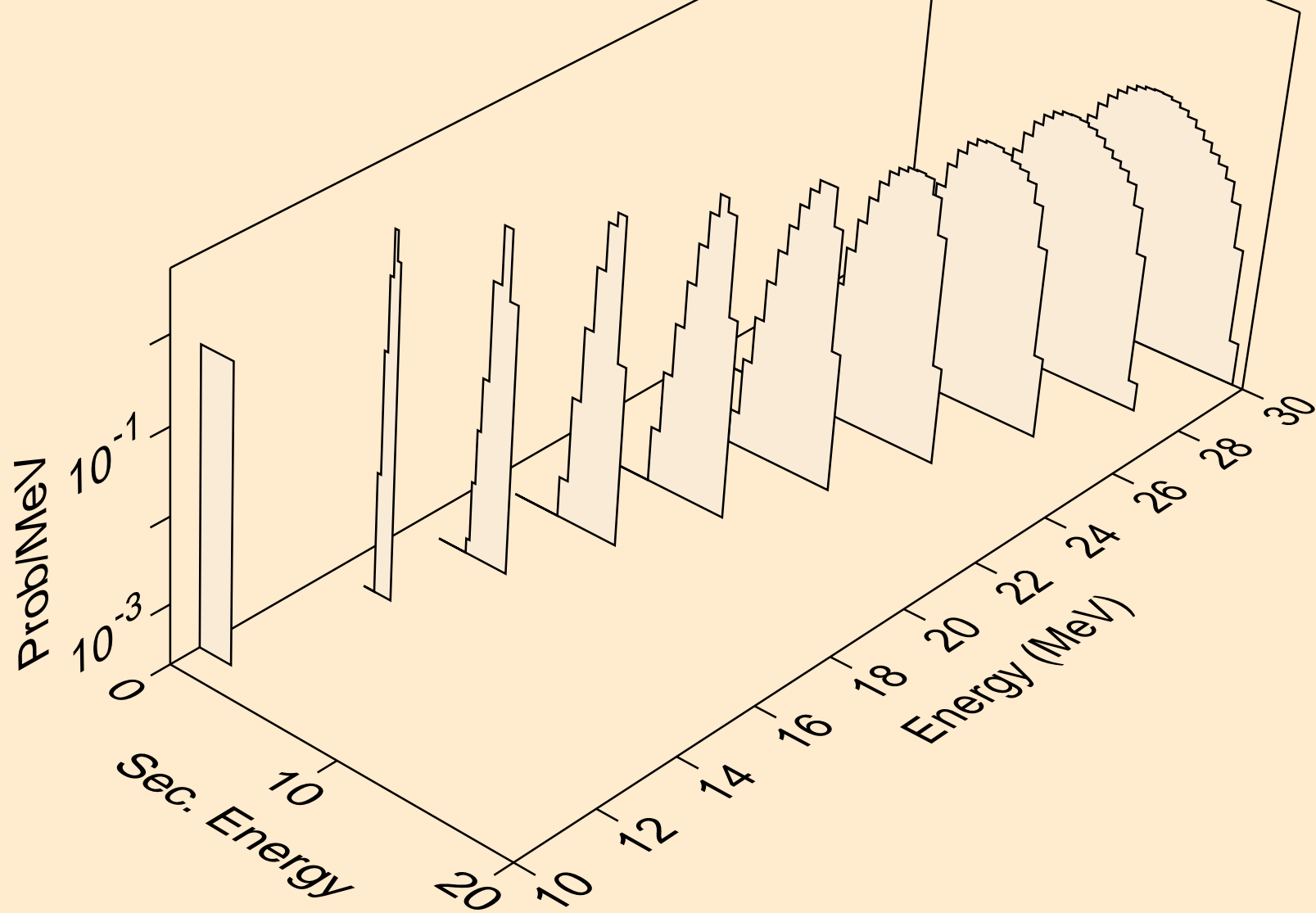
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deuterons from (n,da)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

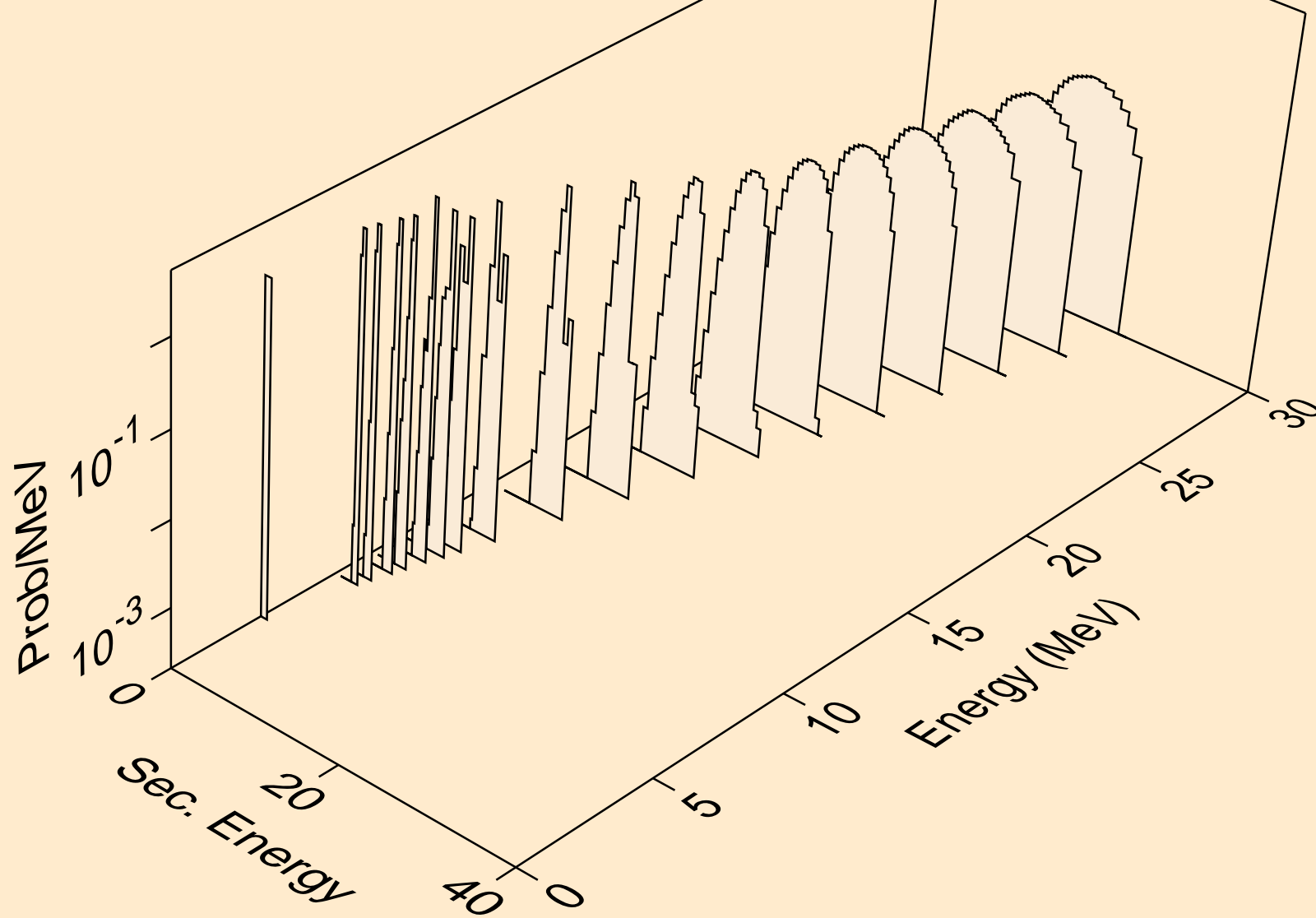


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tritons from (n,n\*)t

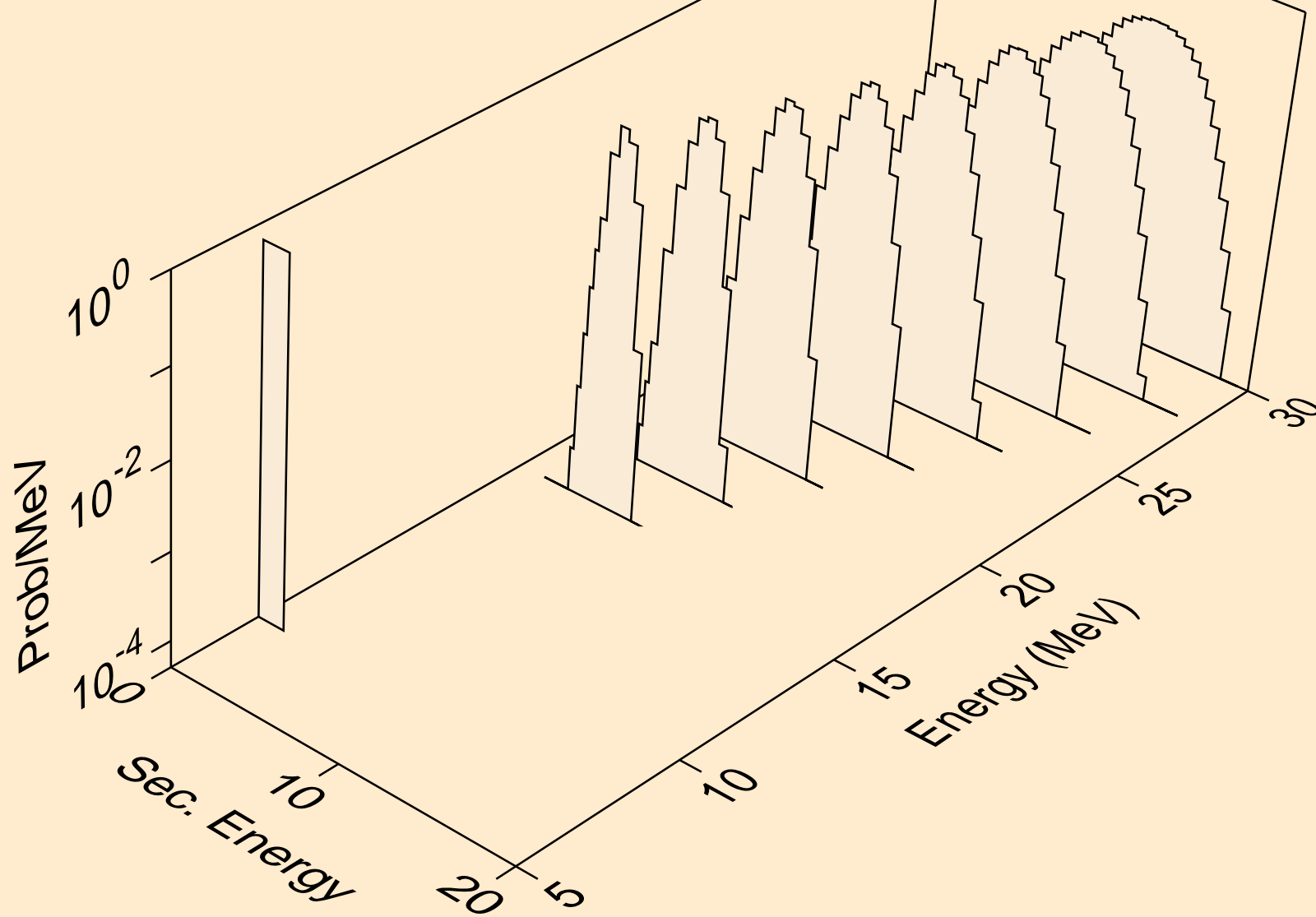




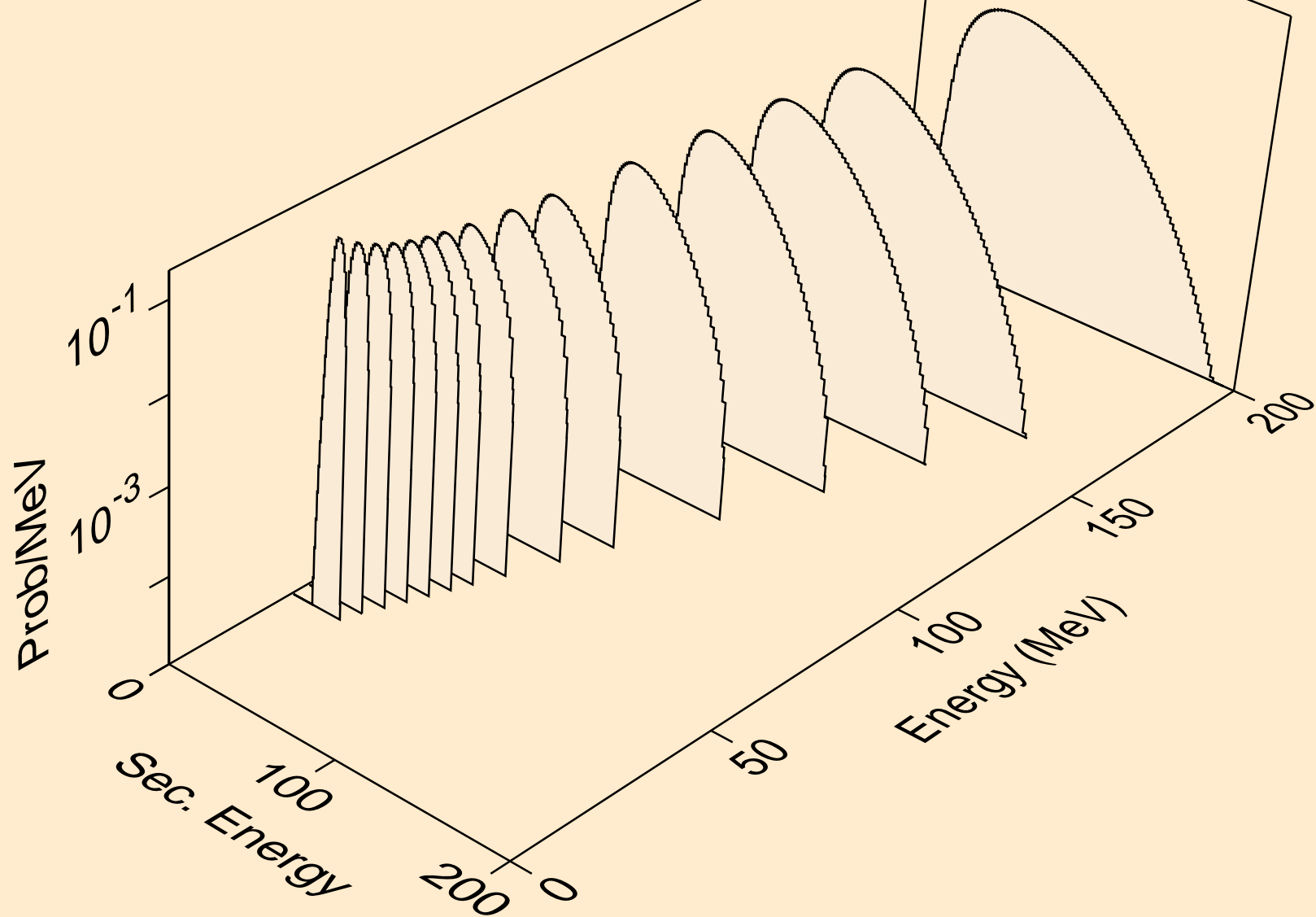
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



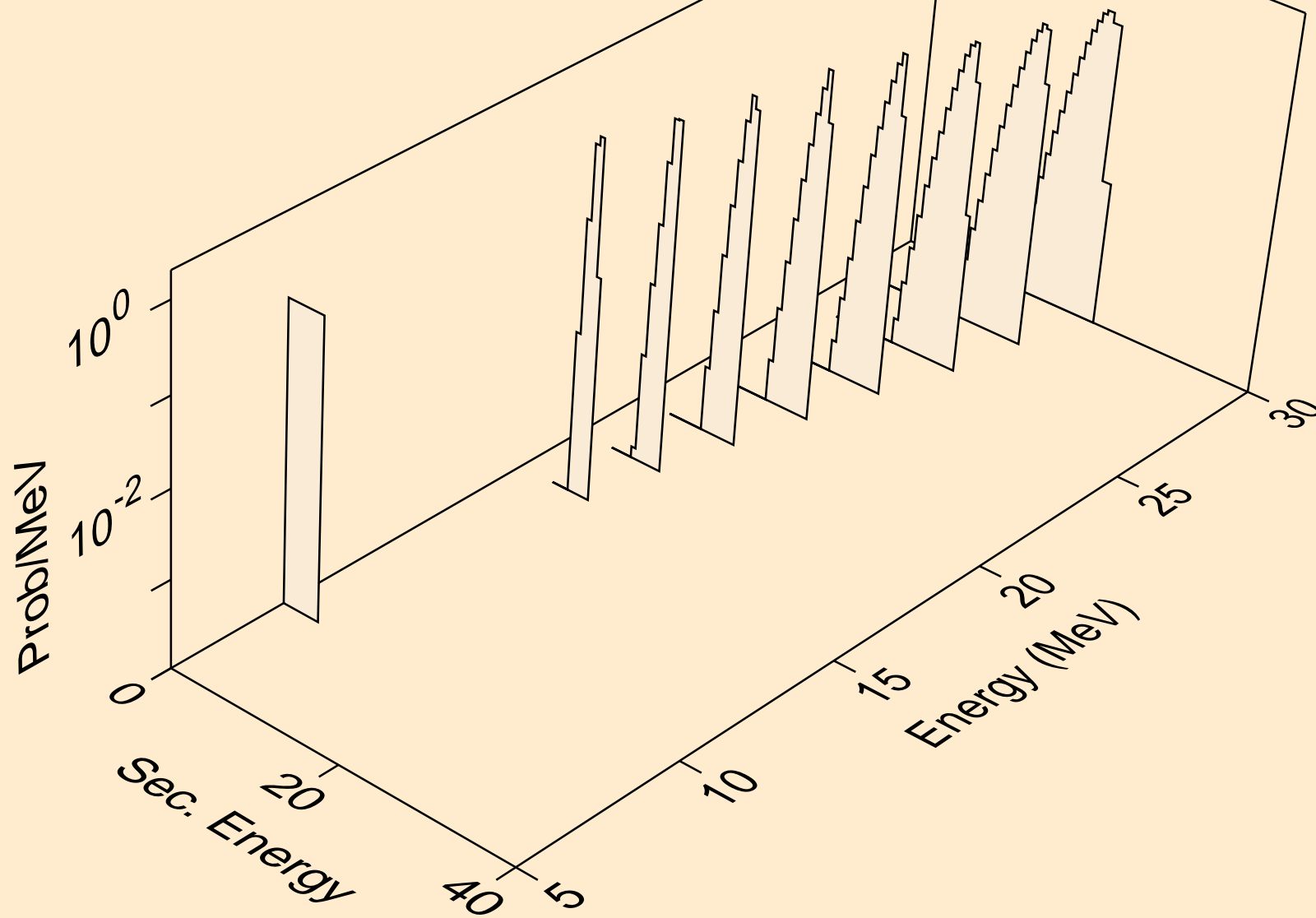
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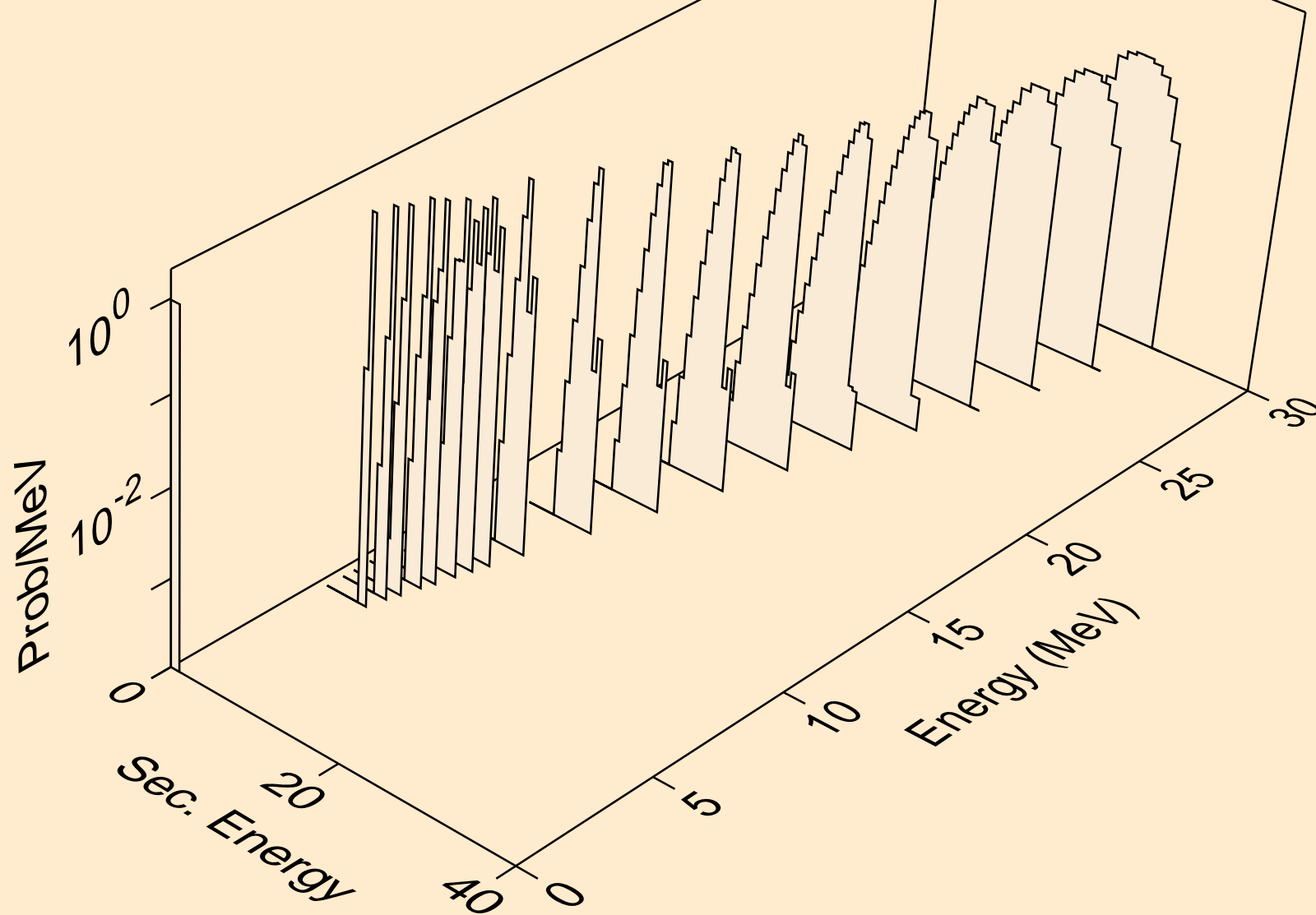
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he3s from (n,x)



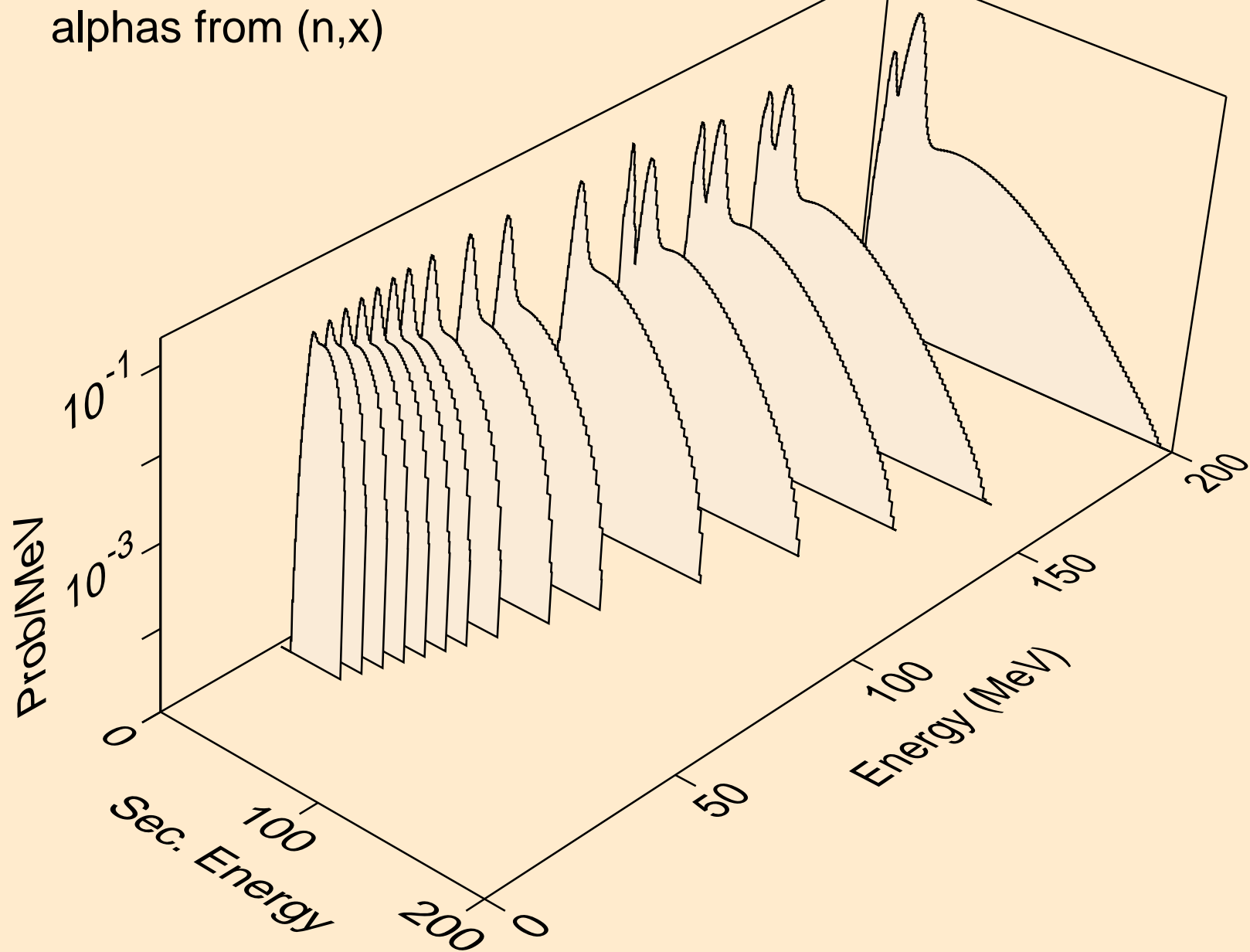
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he3s from (n,n\*)he3



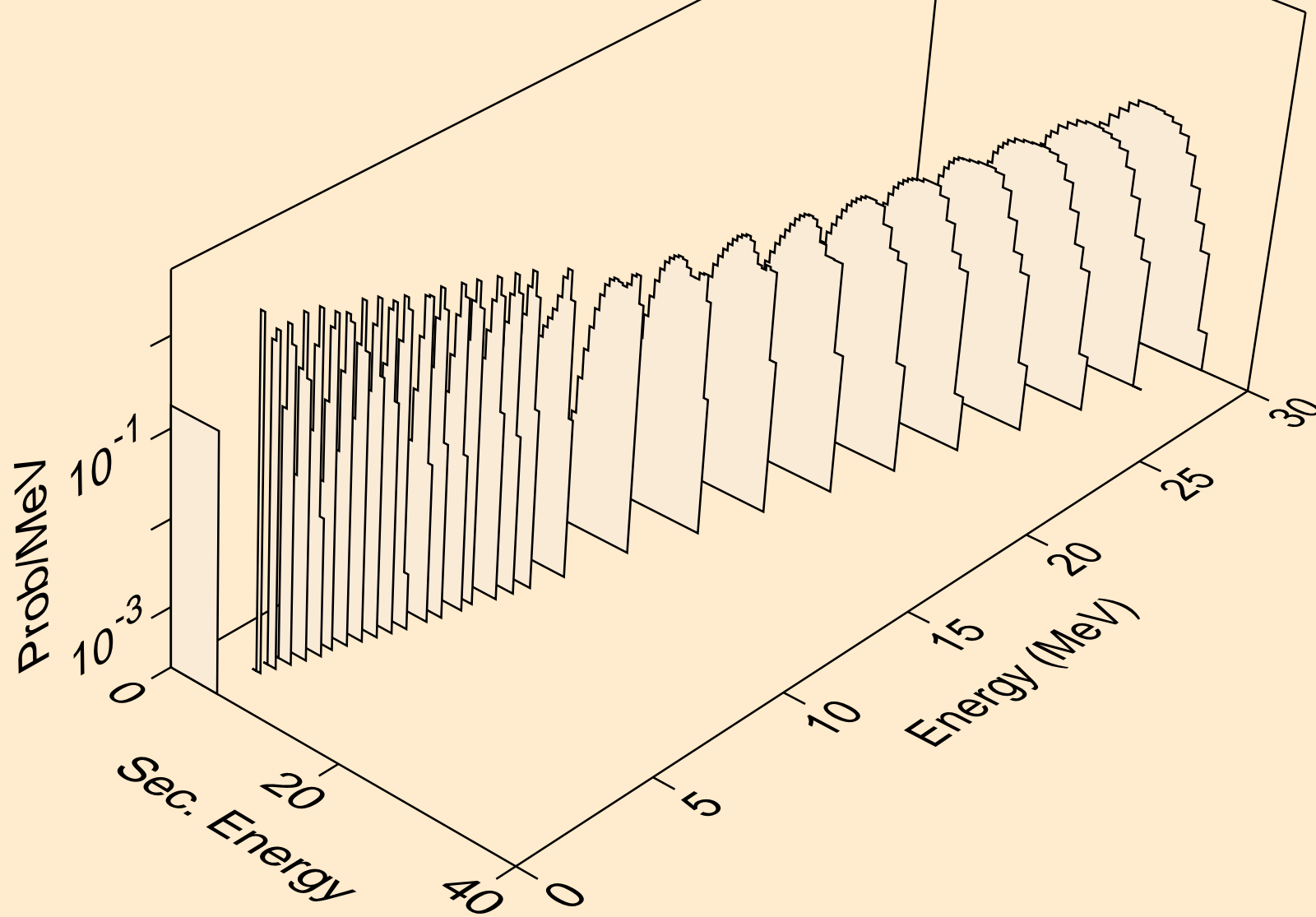
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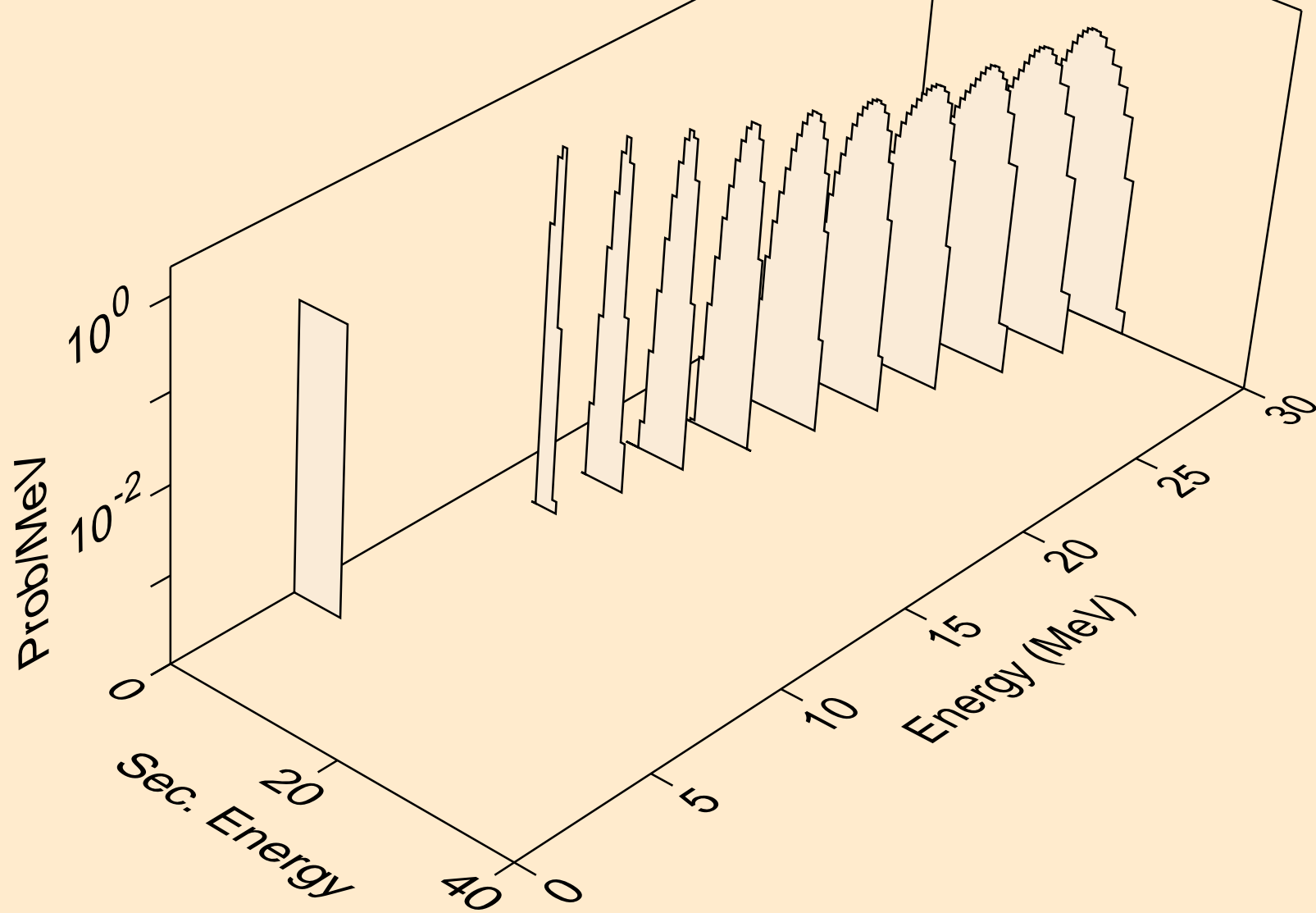
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

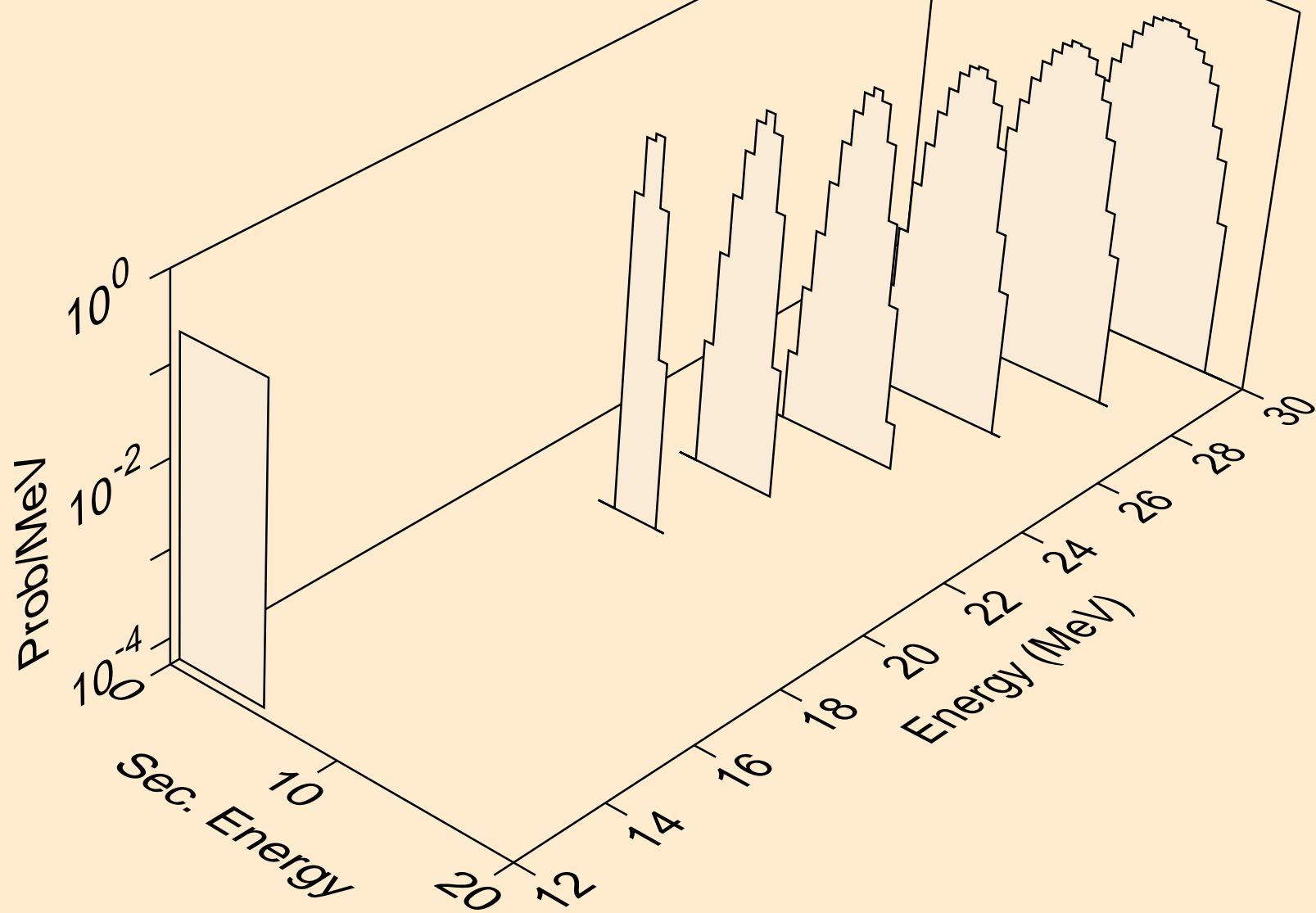


AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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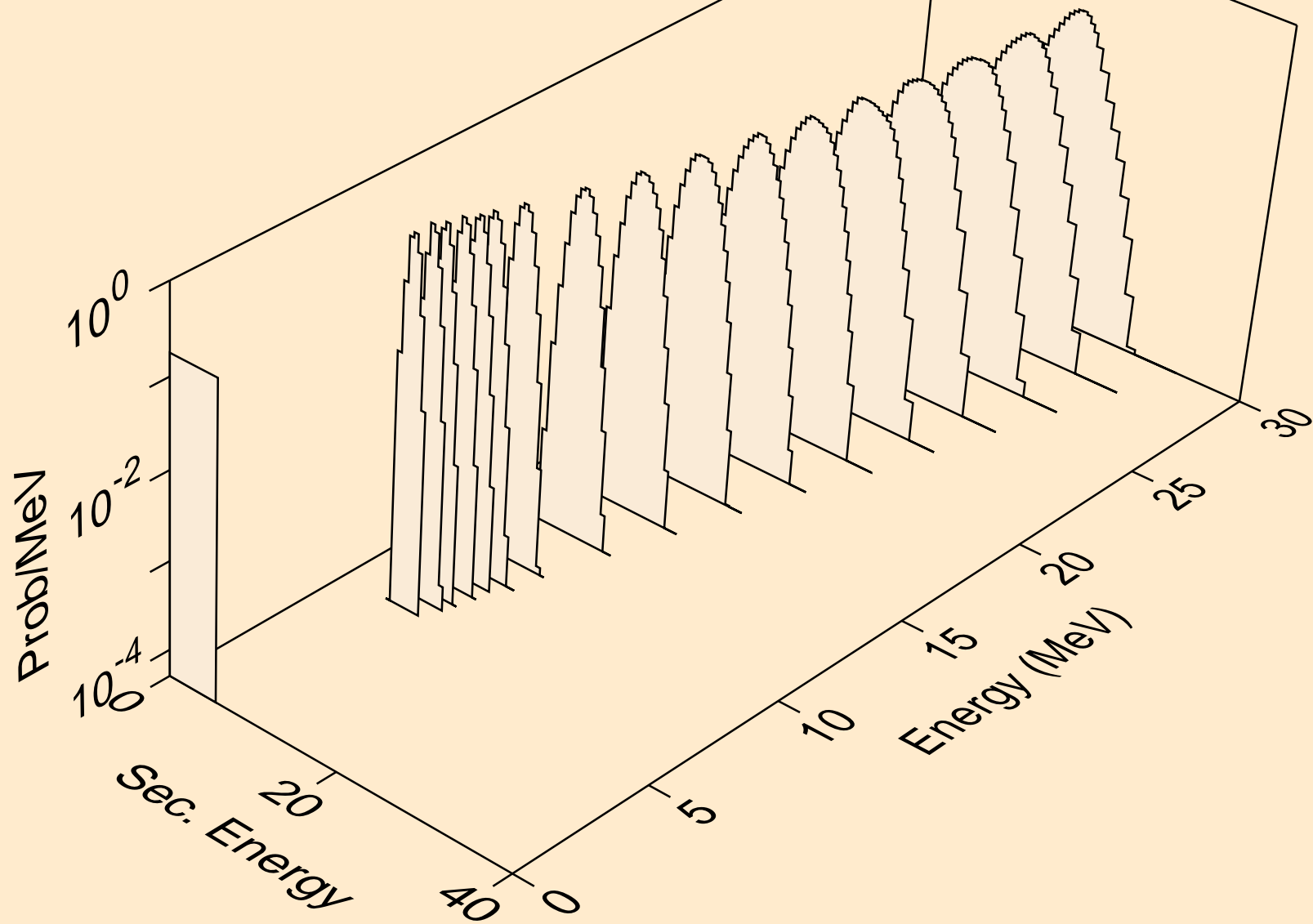




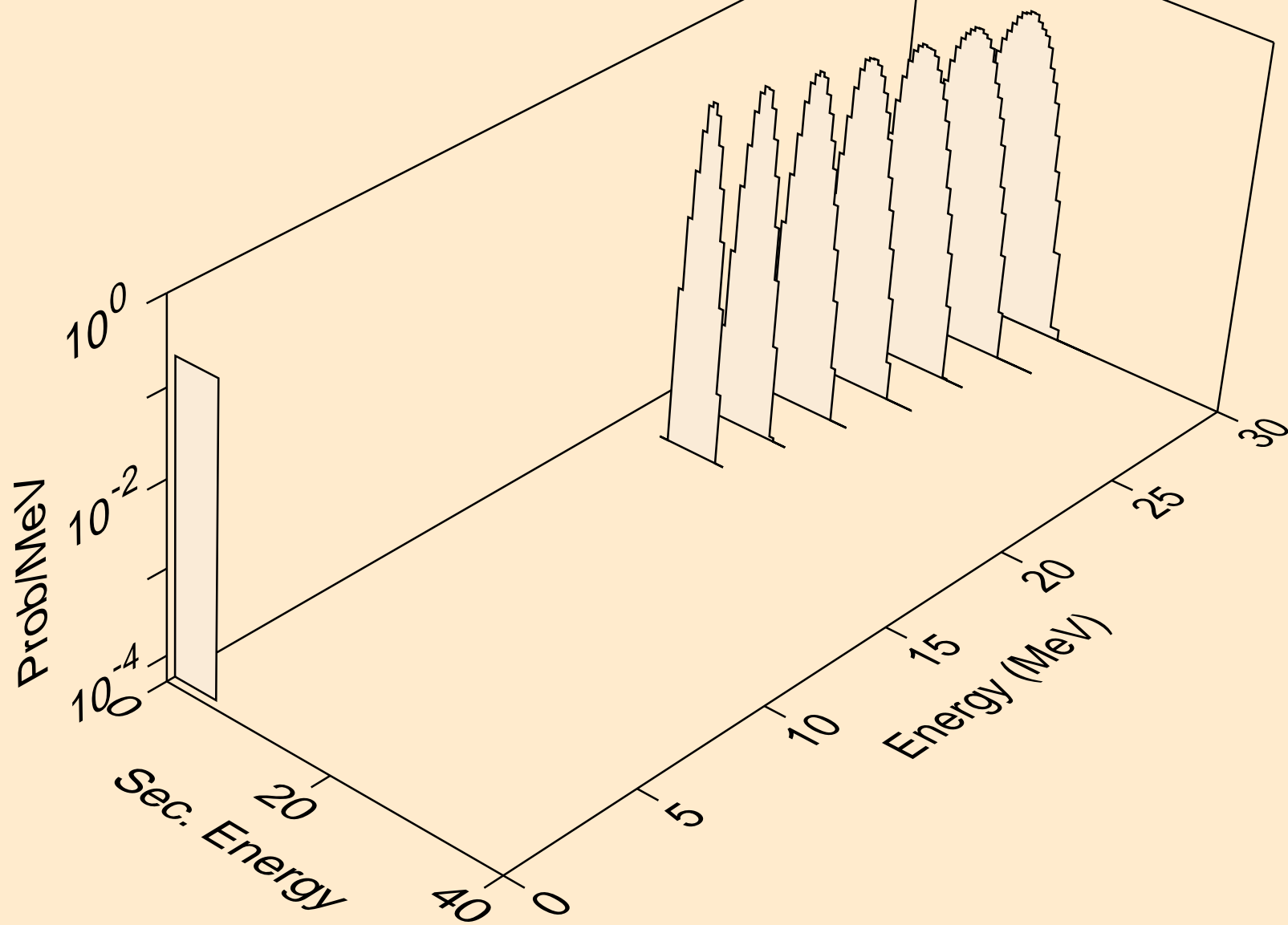
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alphas from (n,3n)a



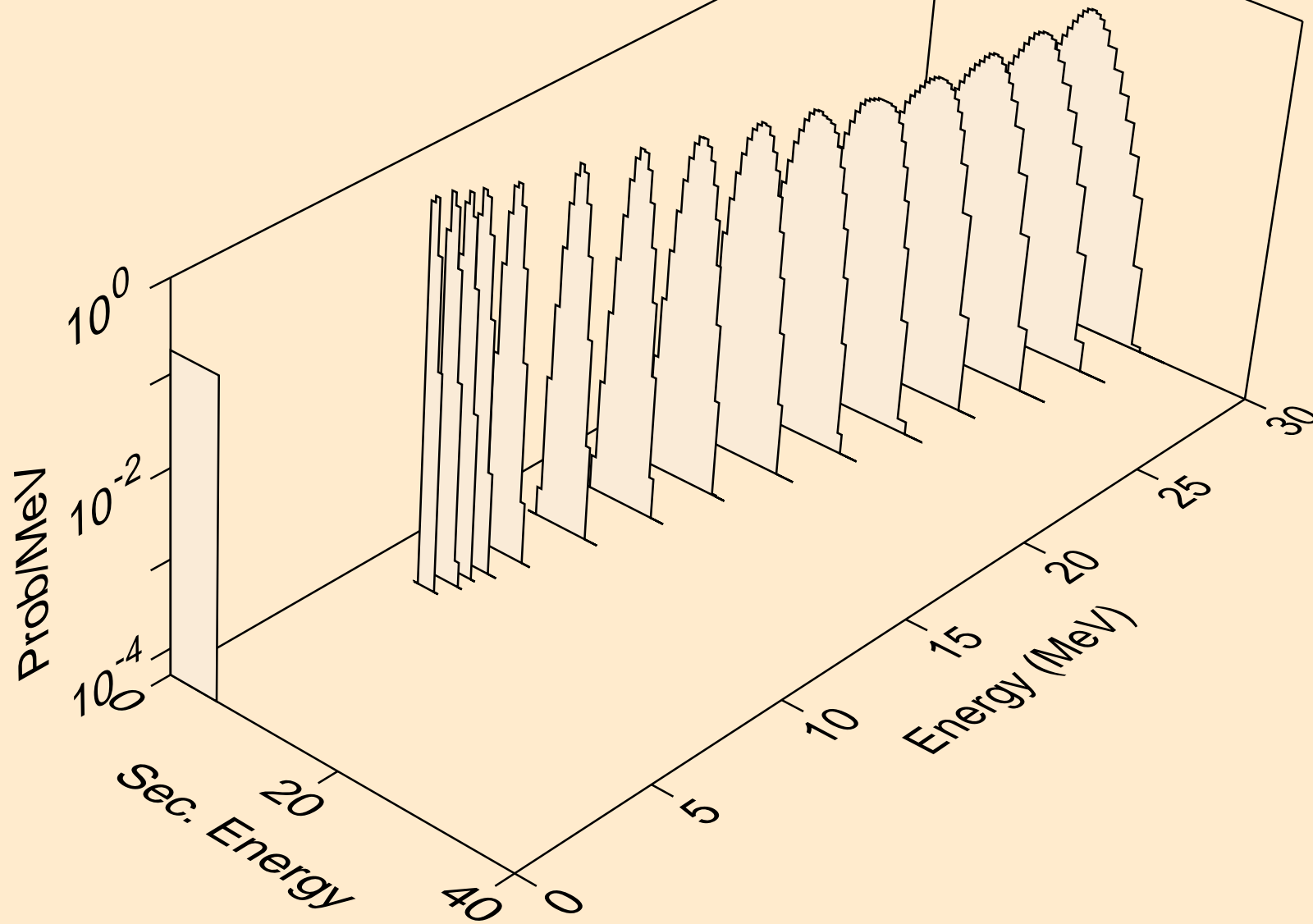
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



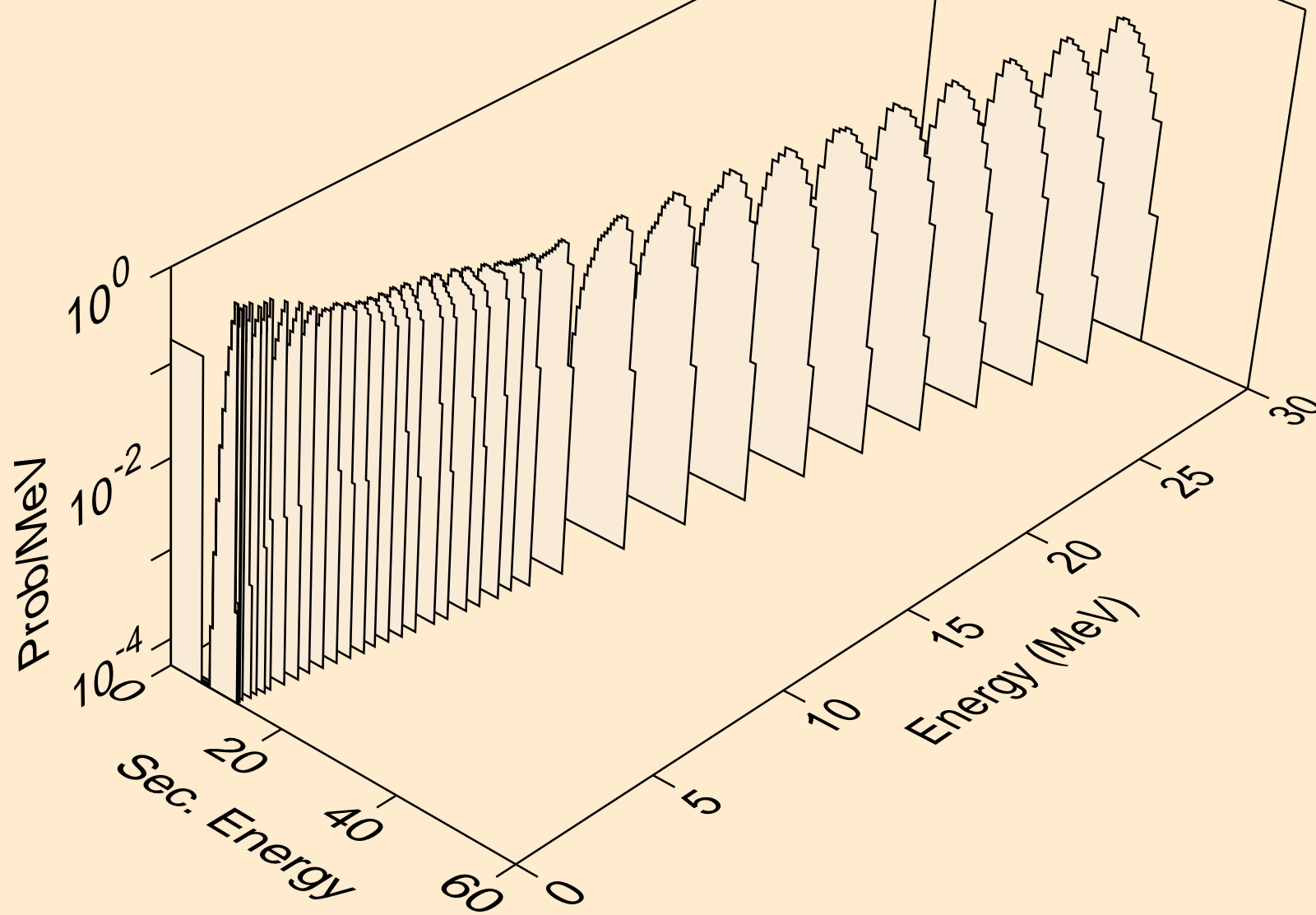
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



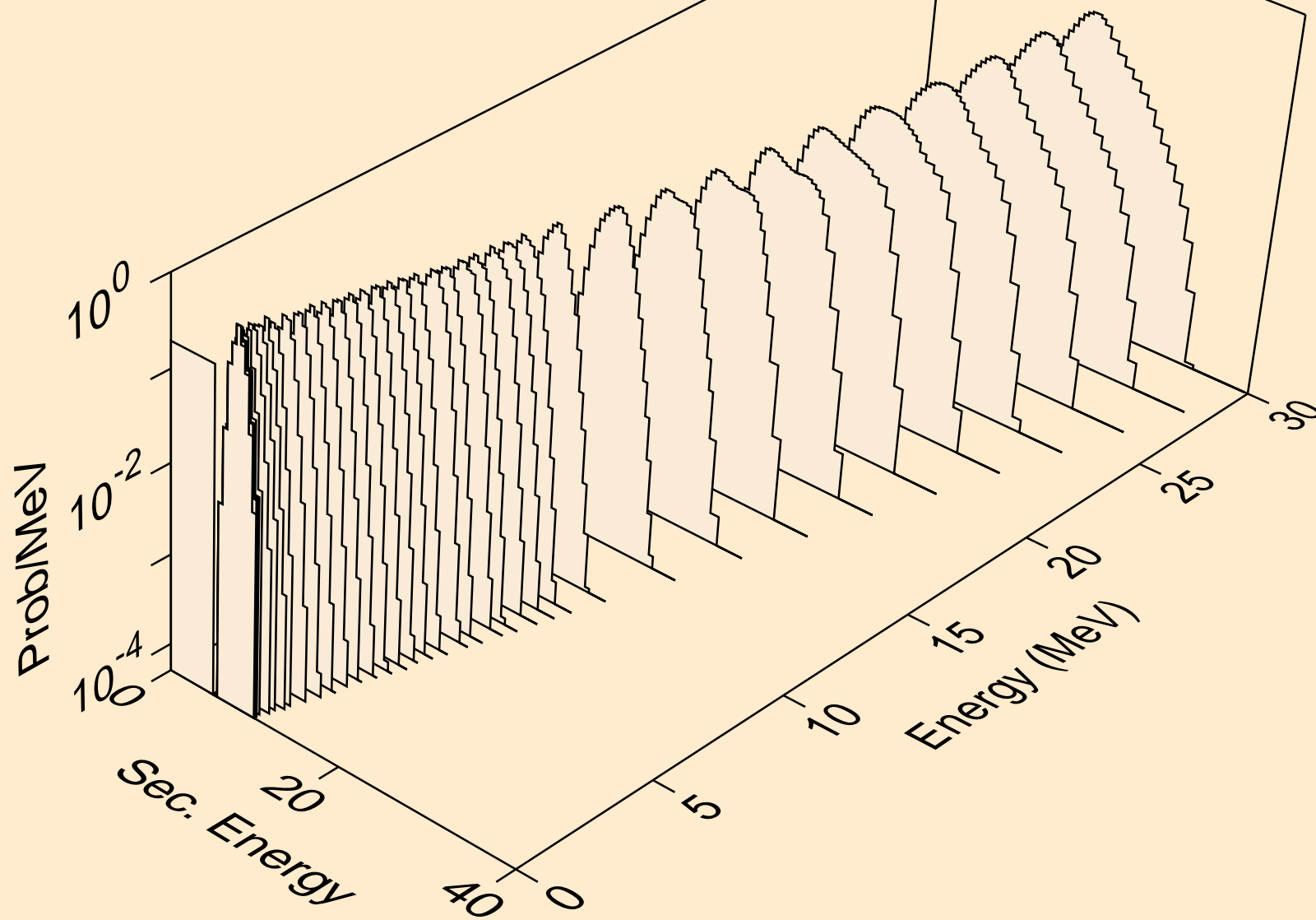
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



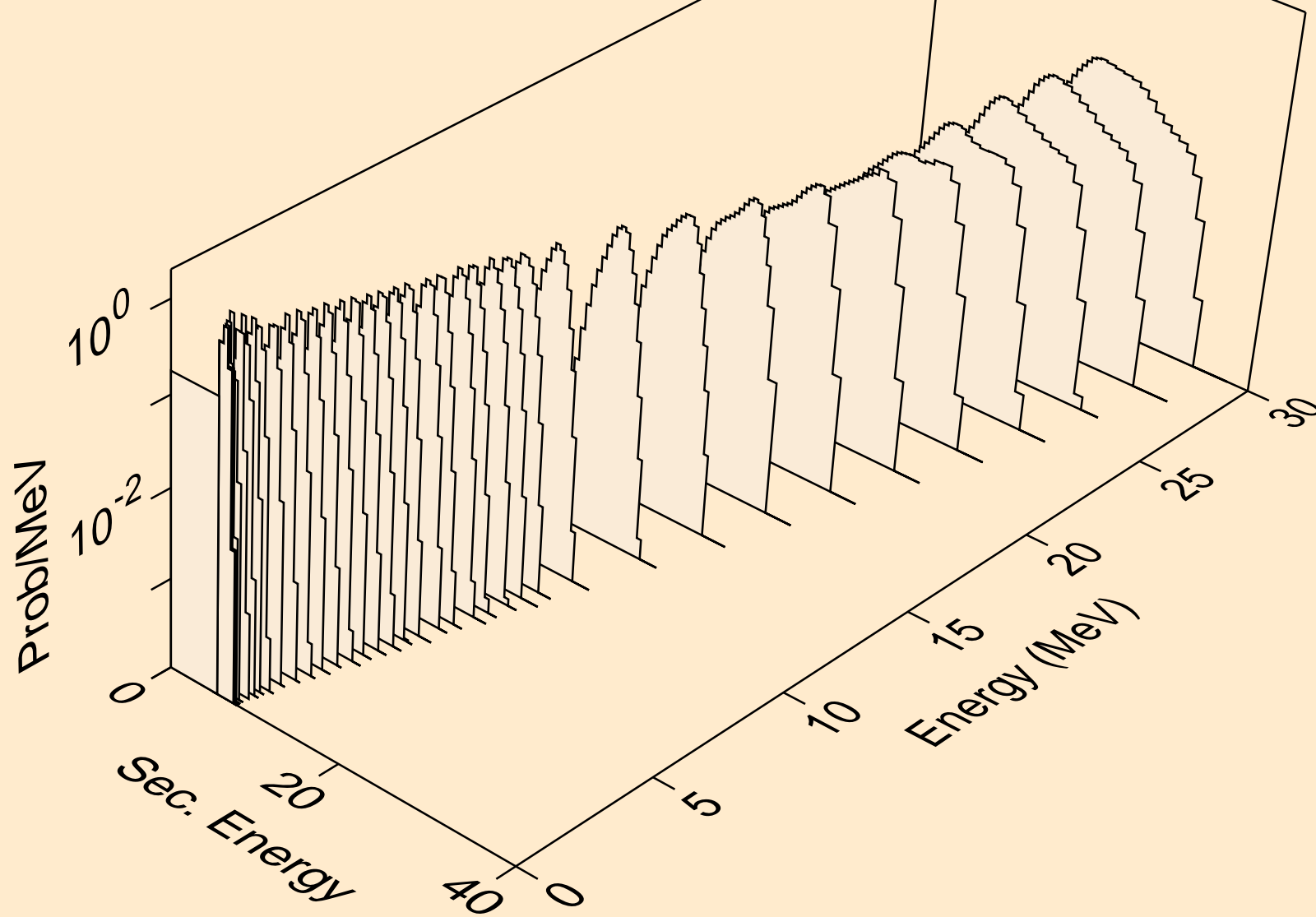
AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



AU187 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

