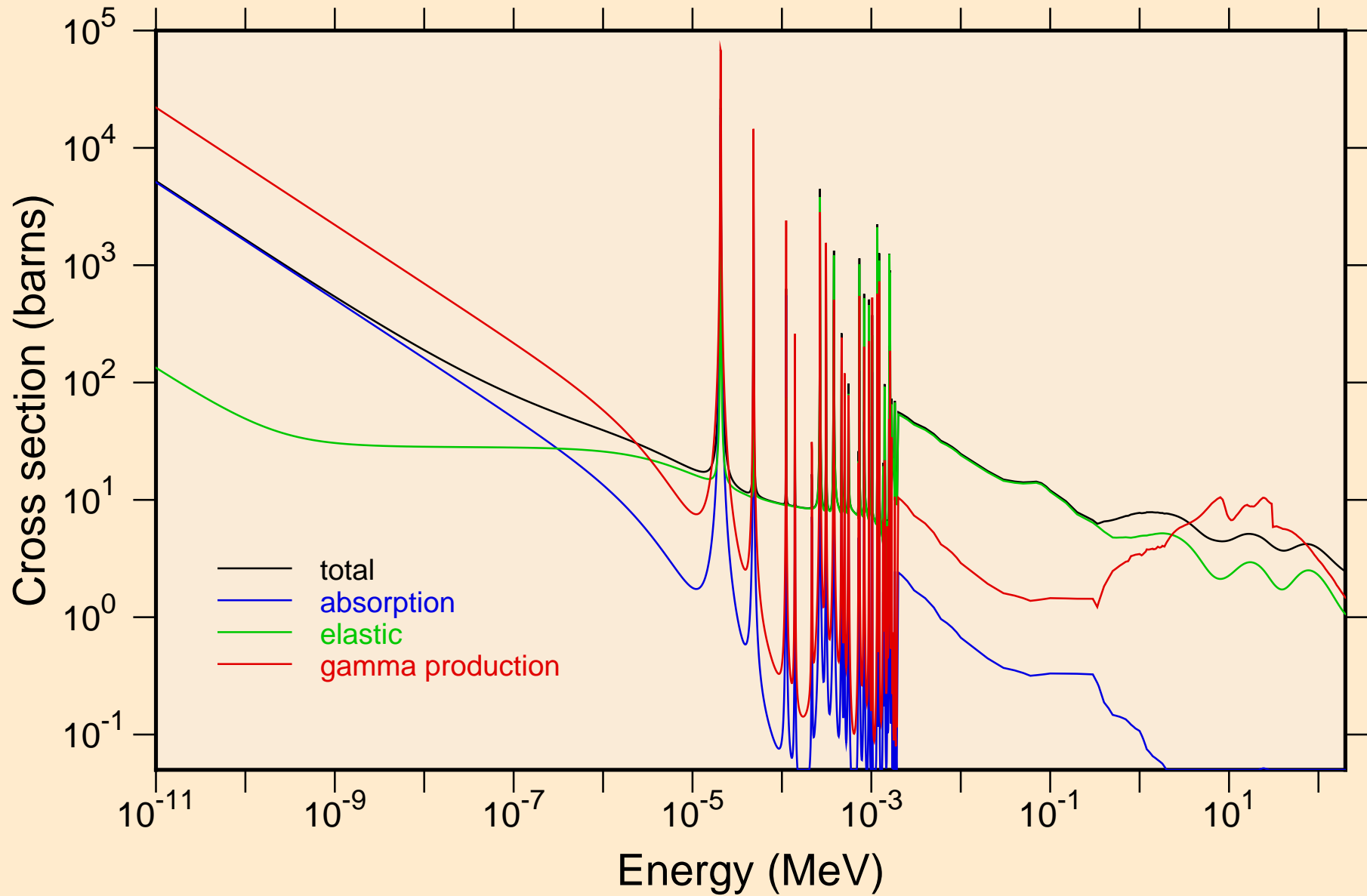
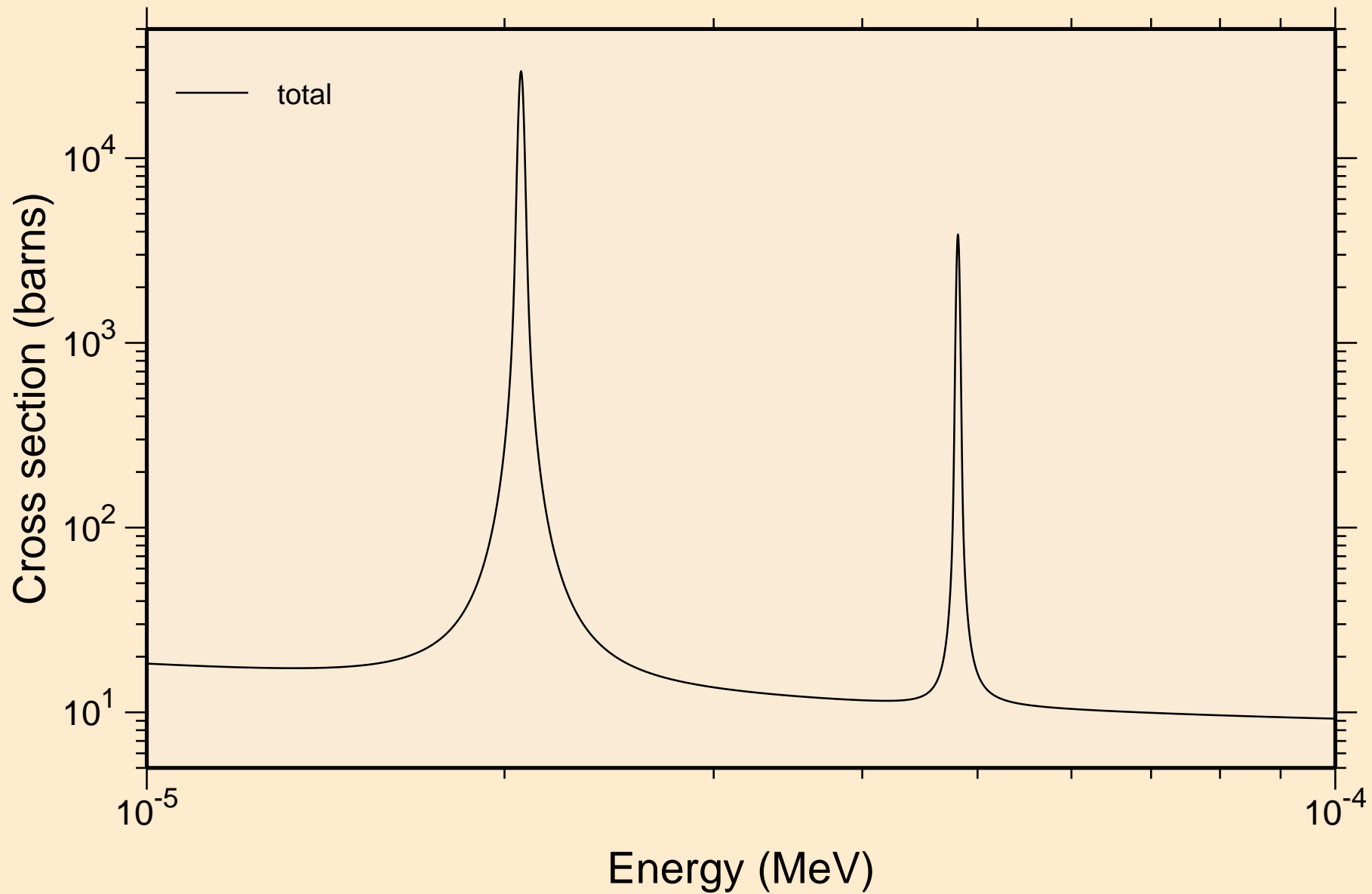


# SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

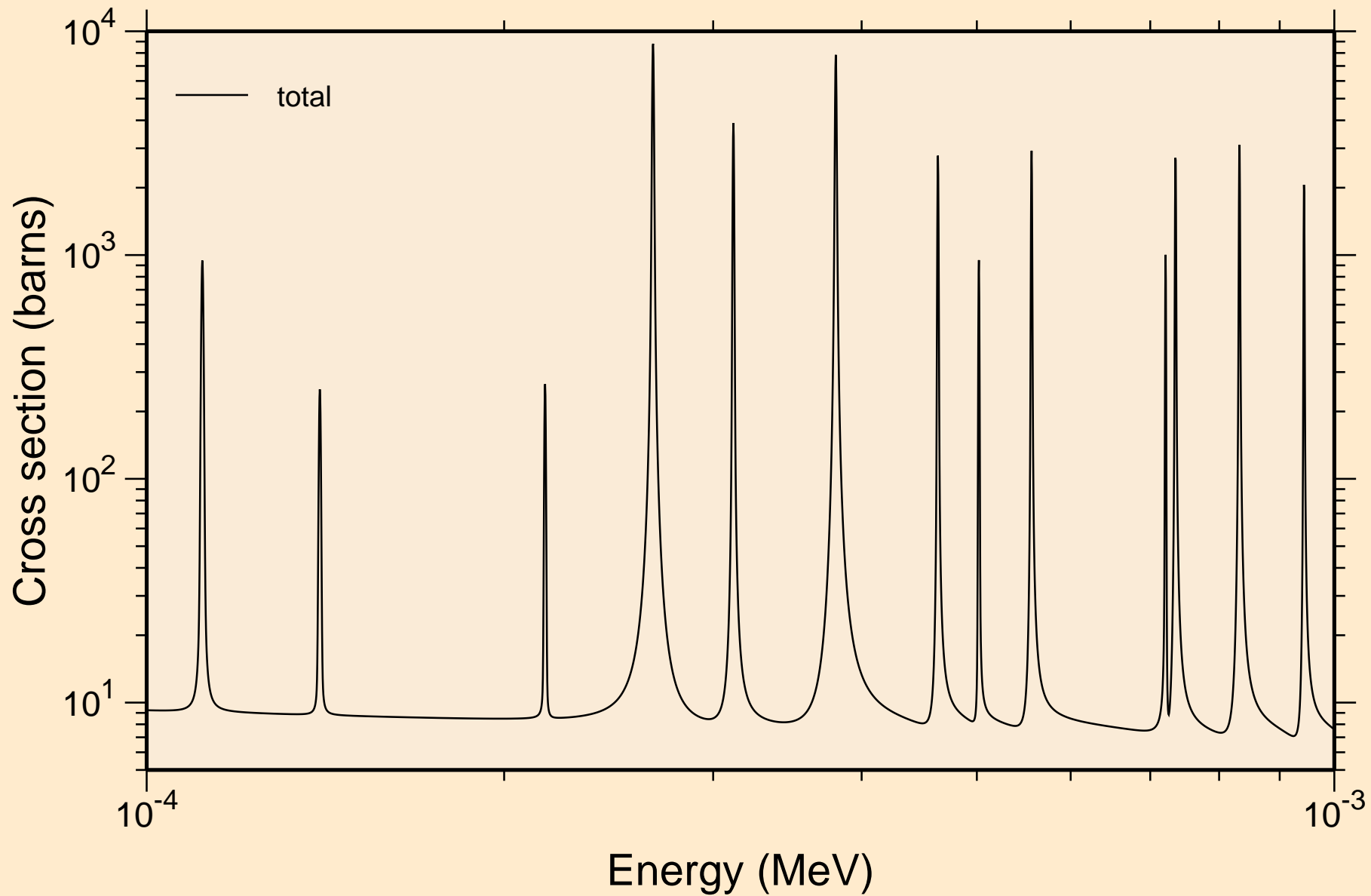
## Principal cross sections



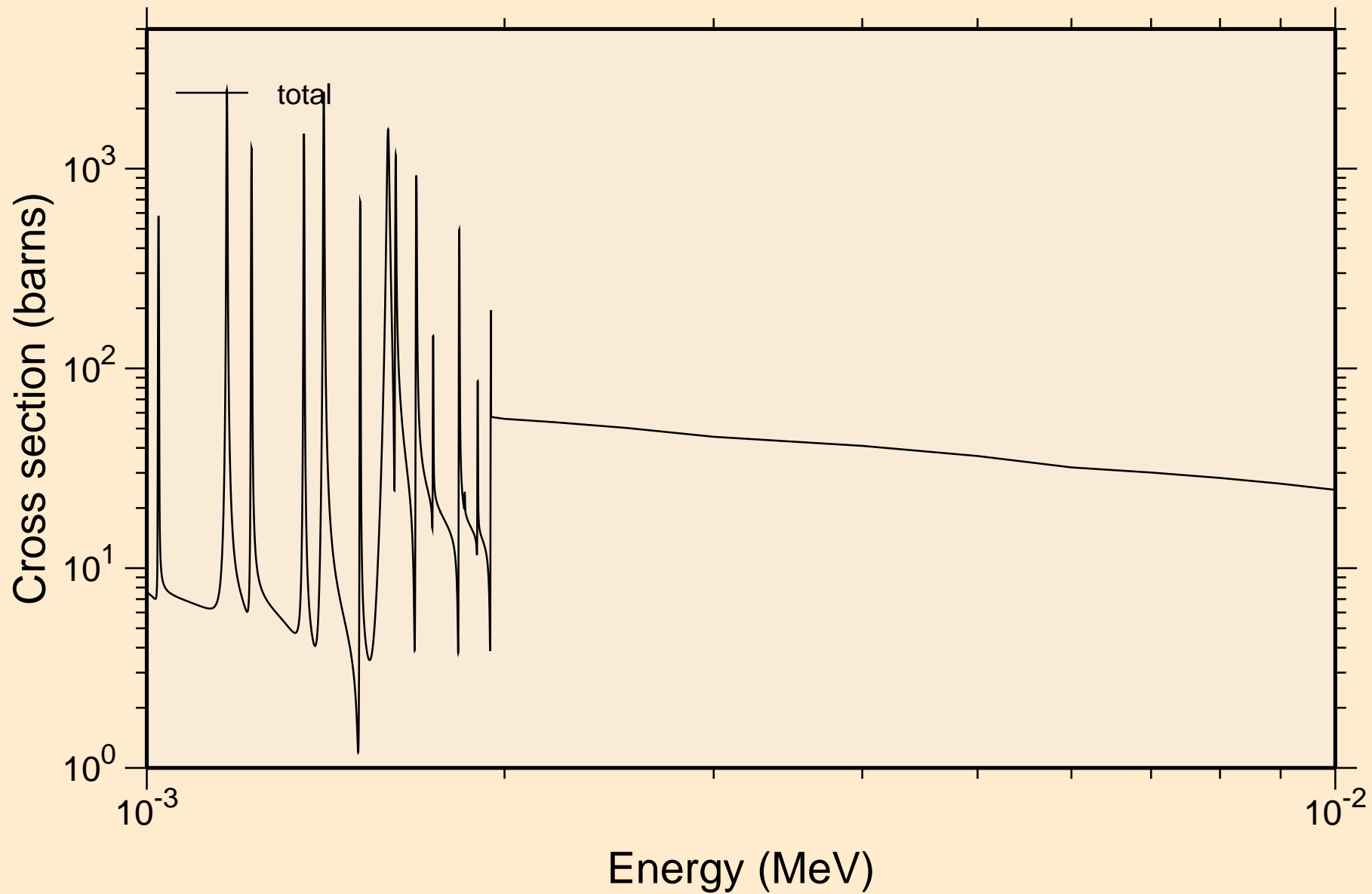
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



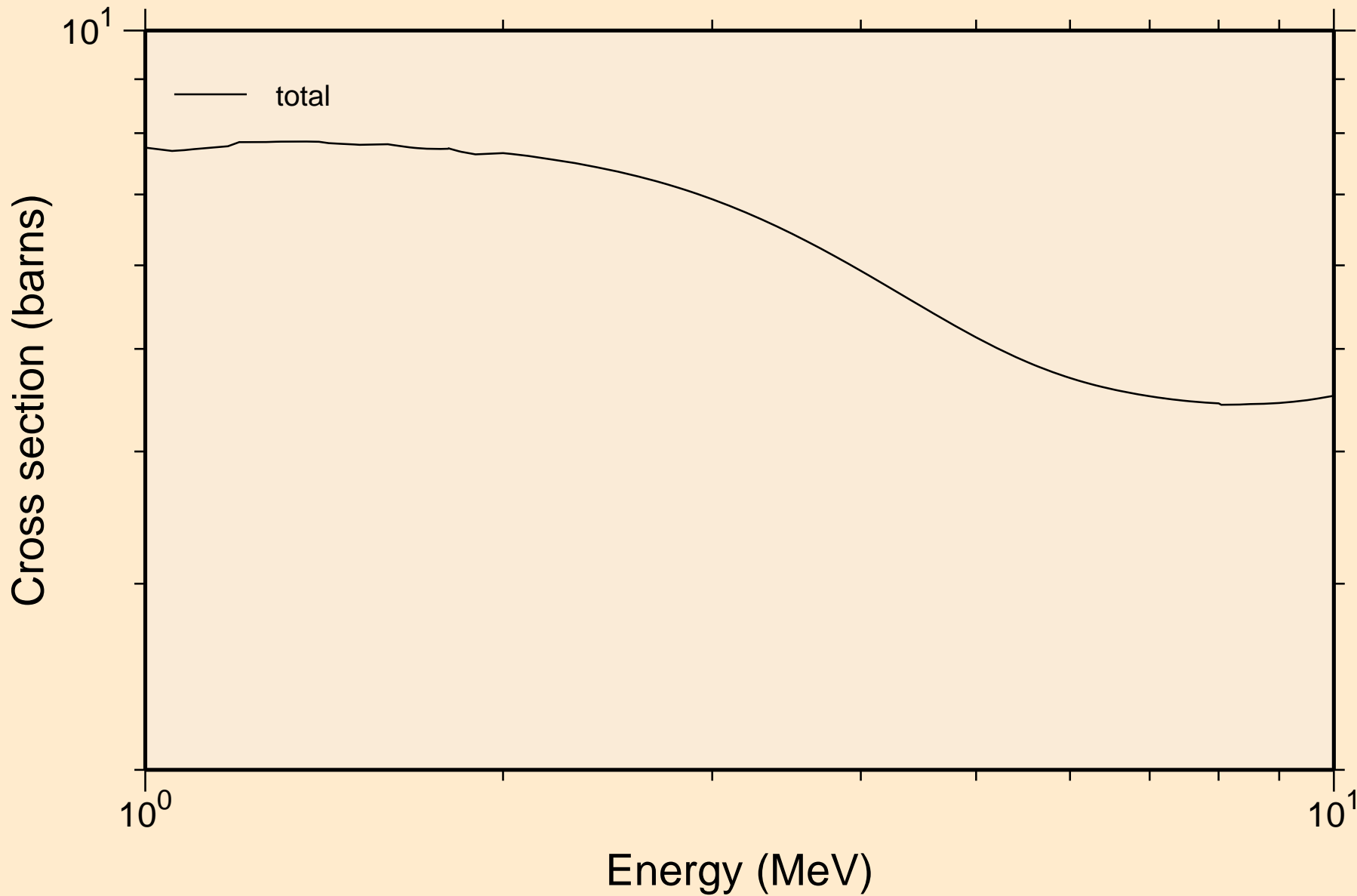
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



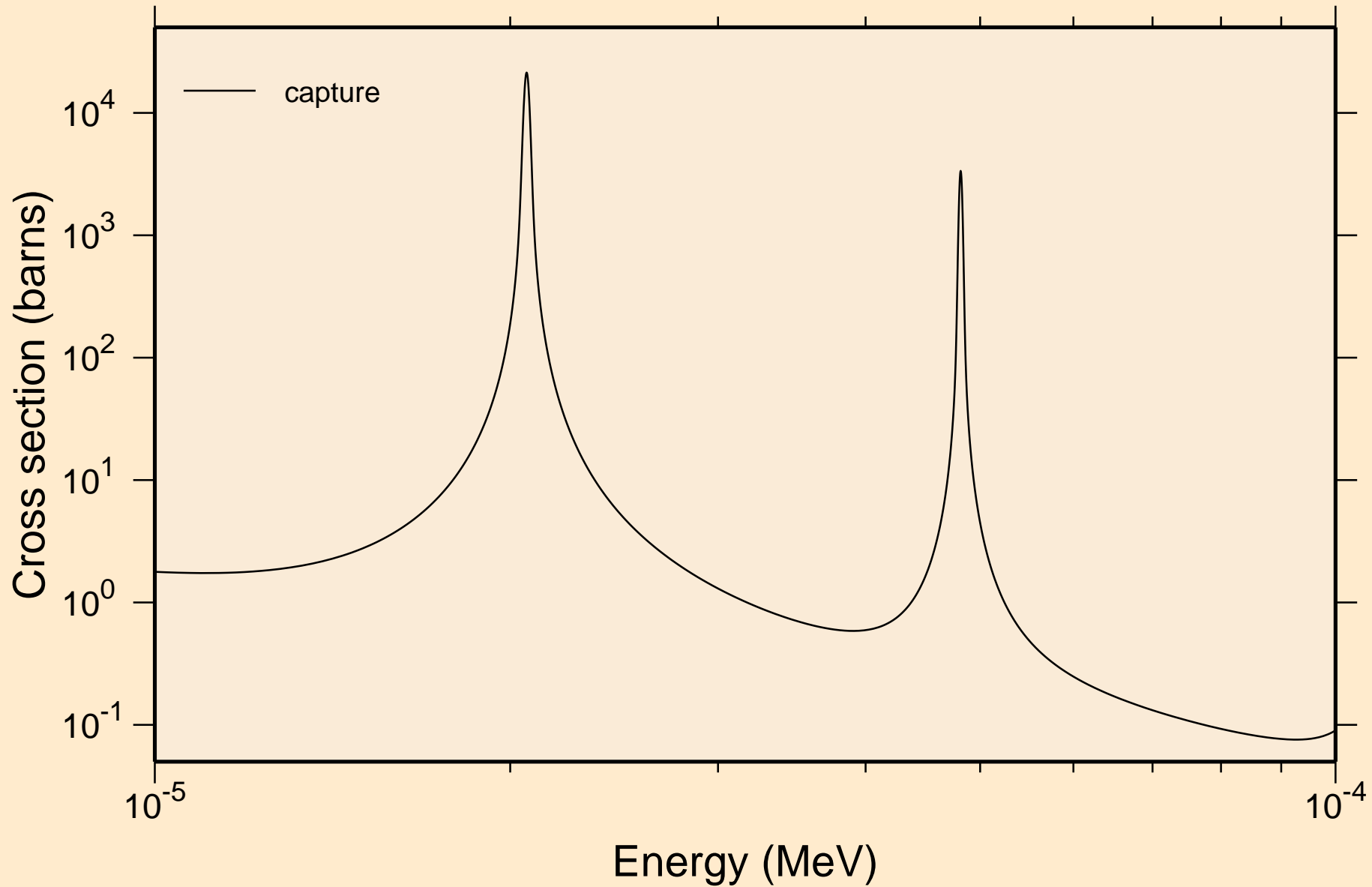
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



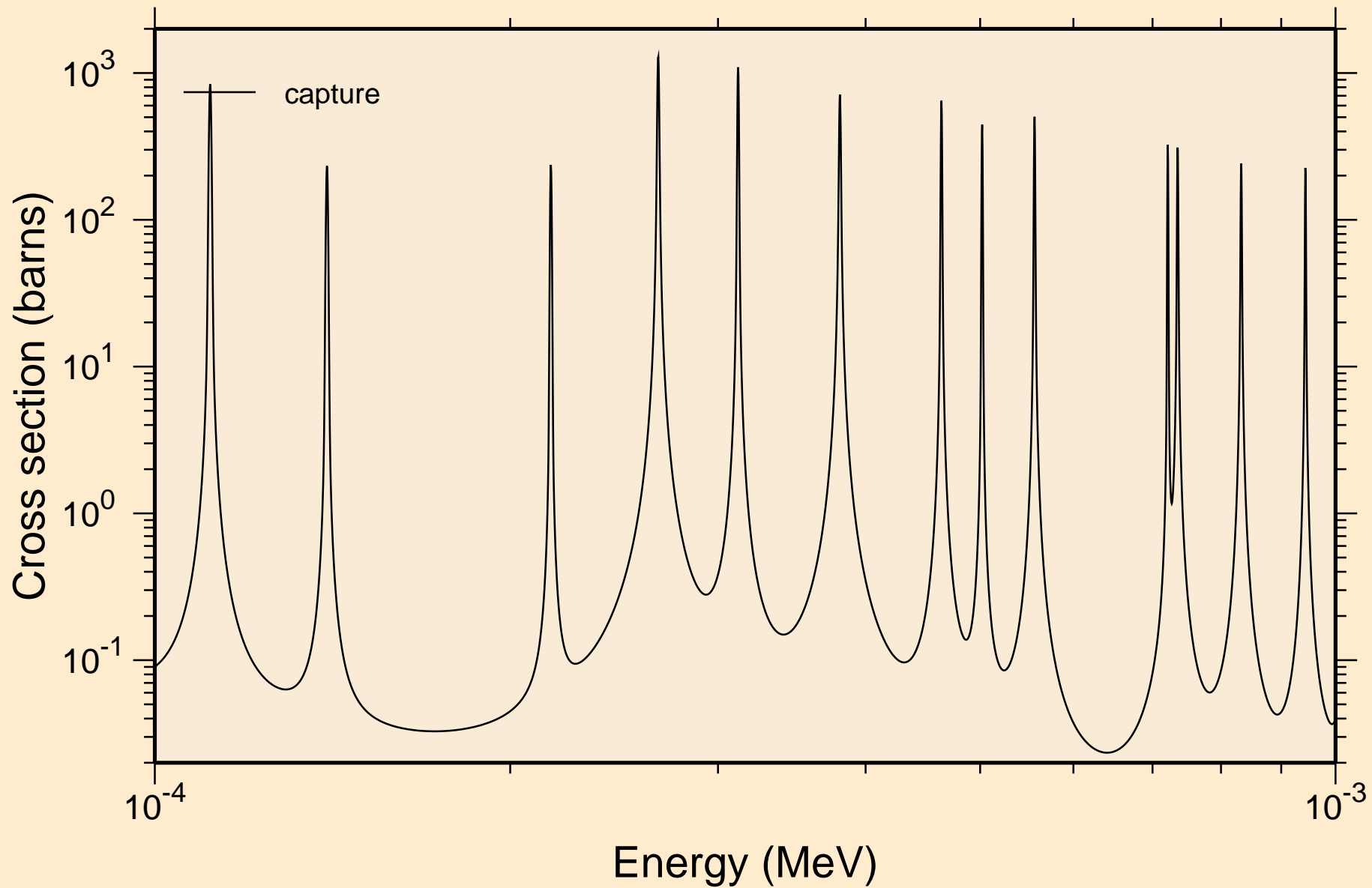
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



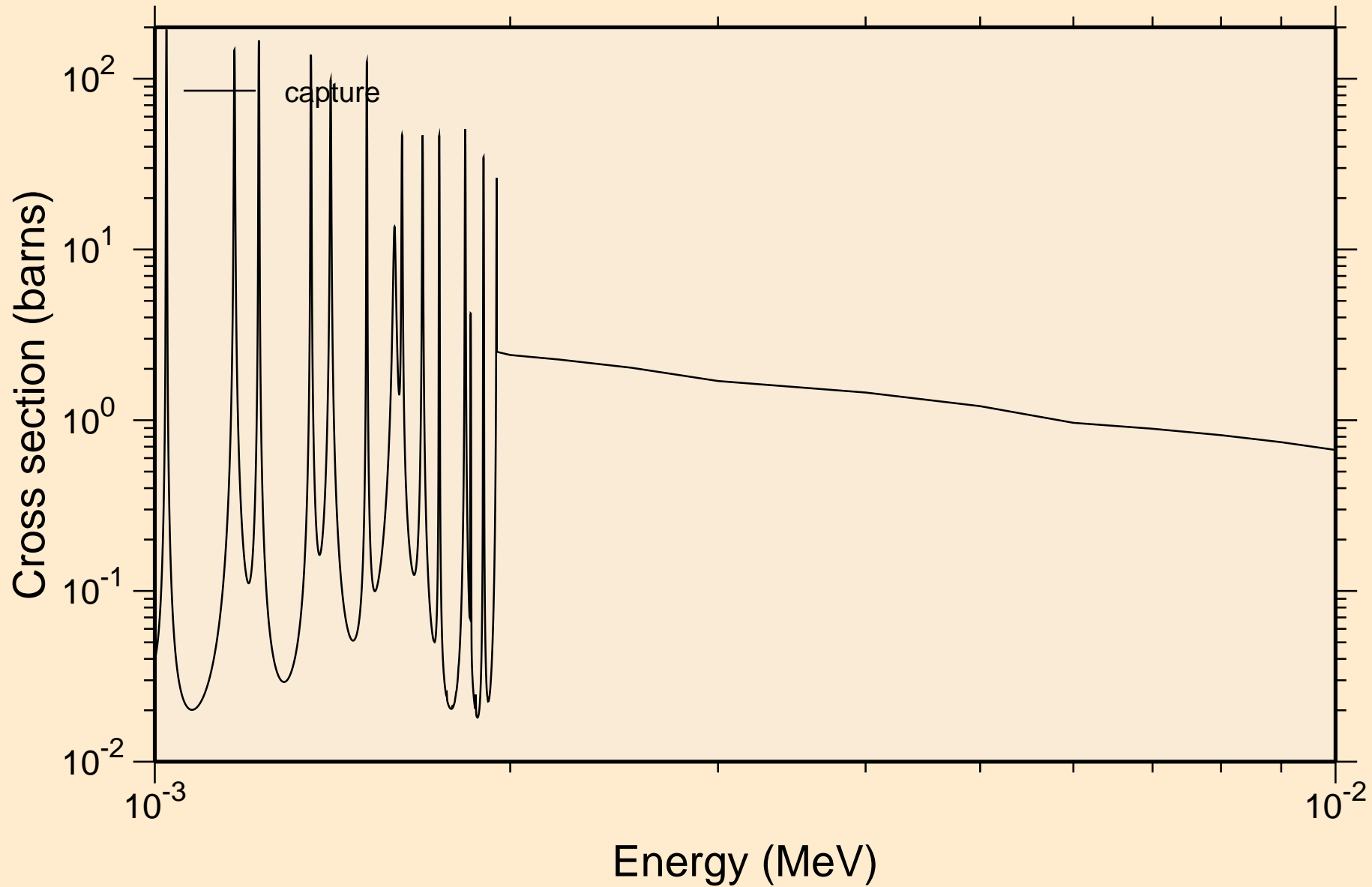
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

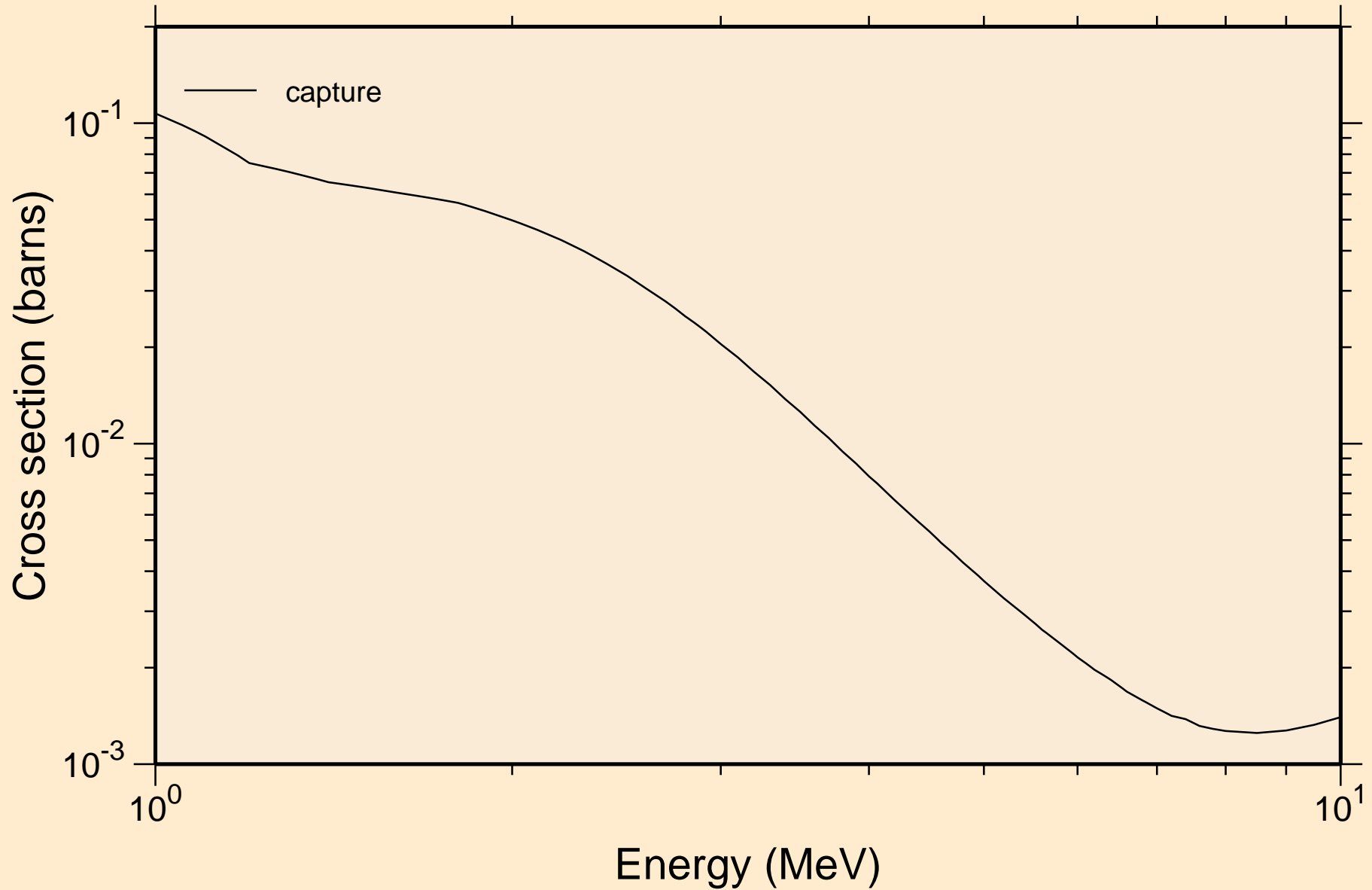


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

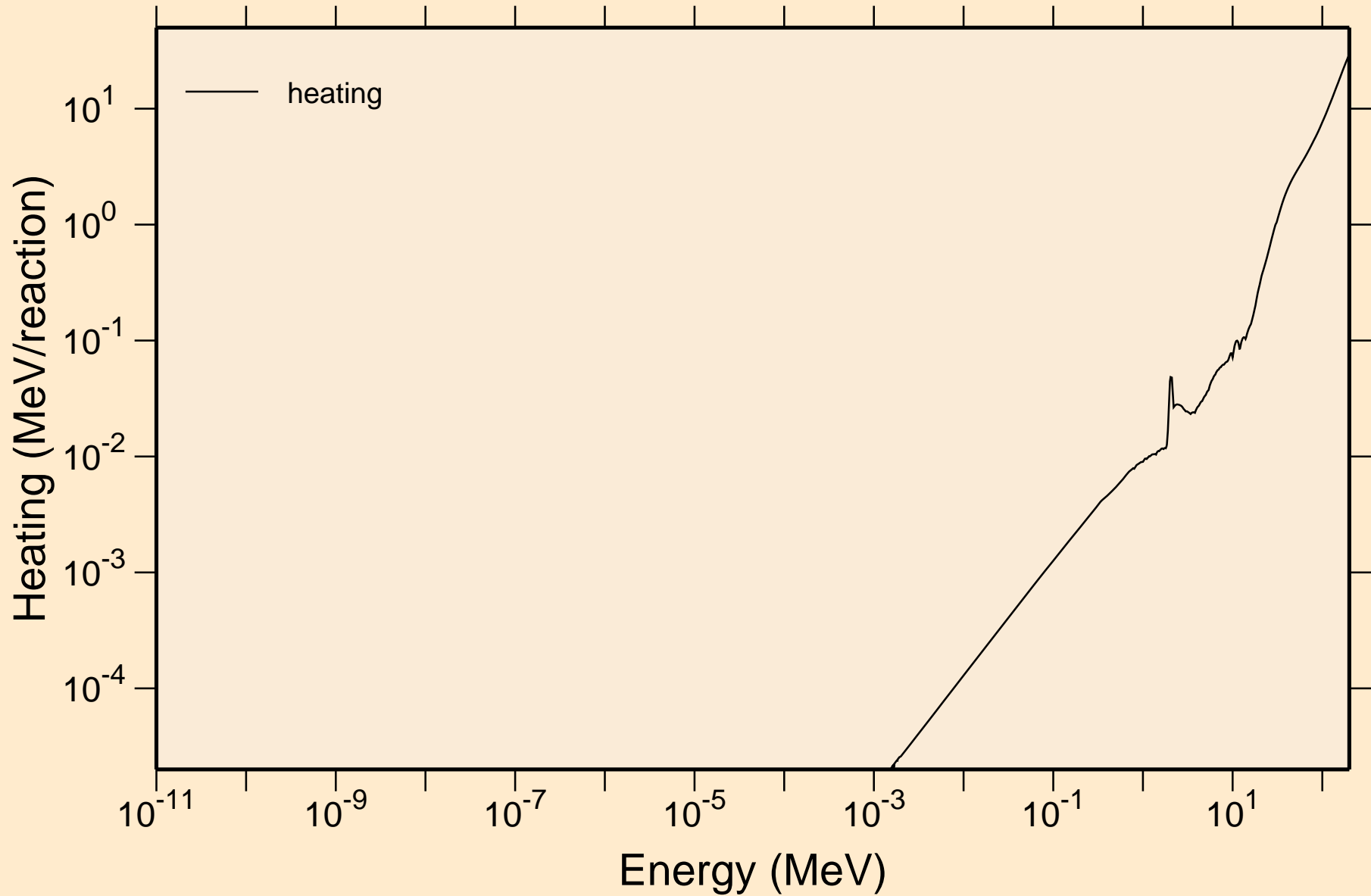




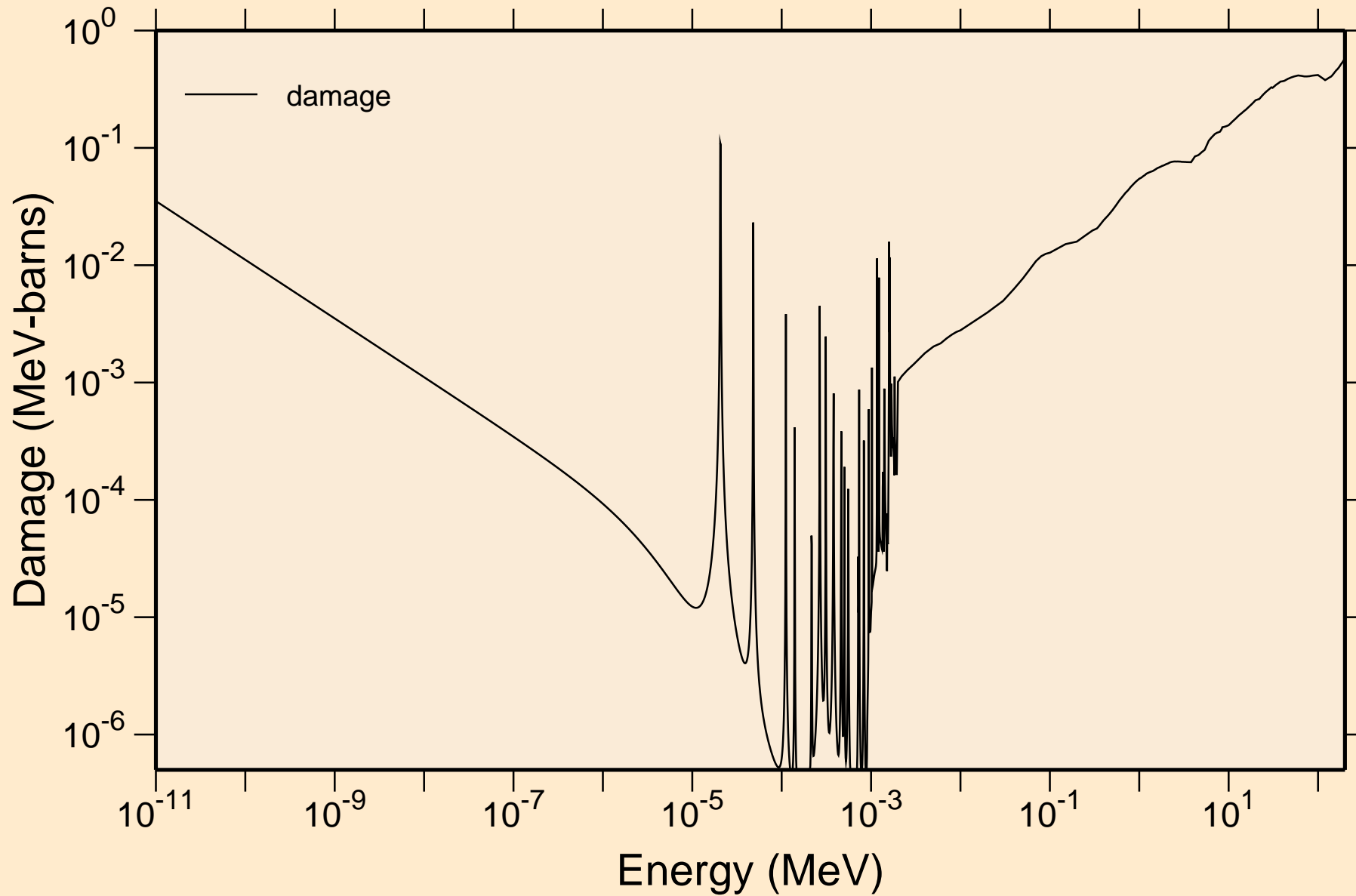
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



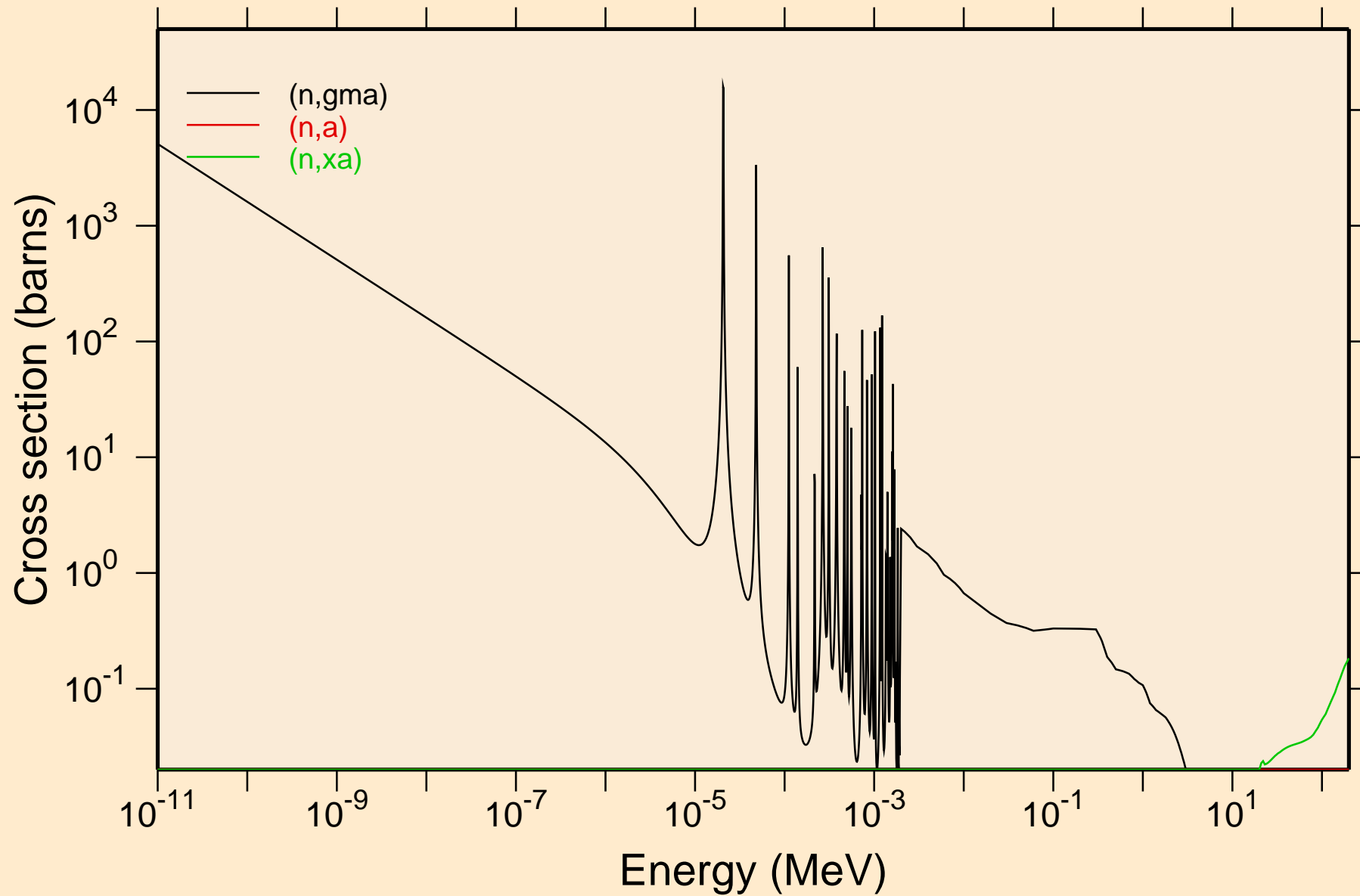
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

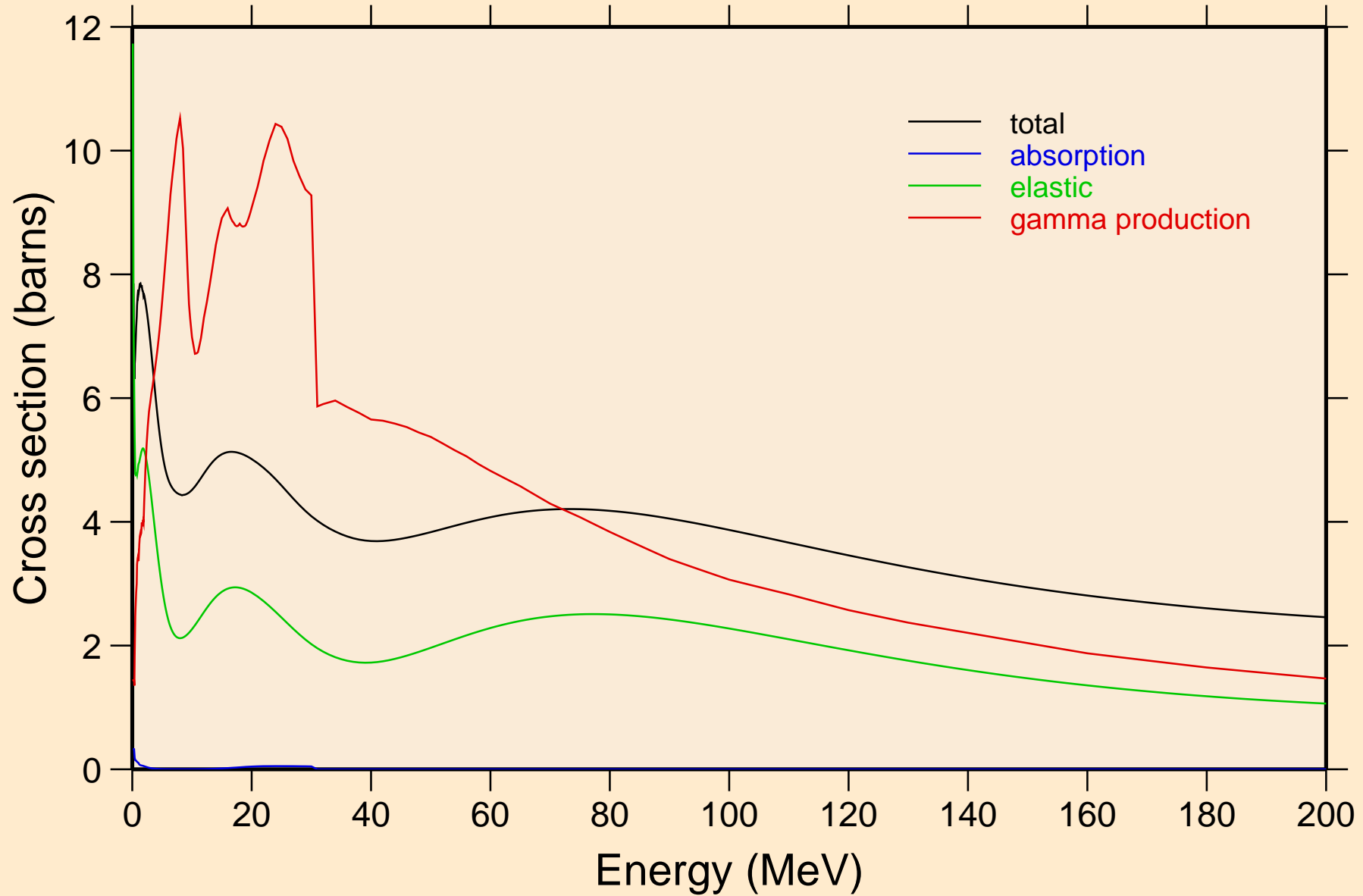


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



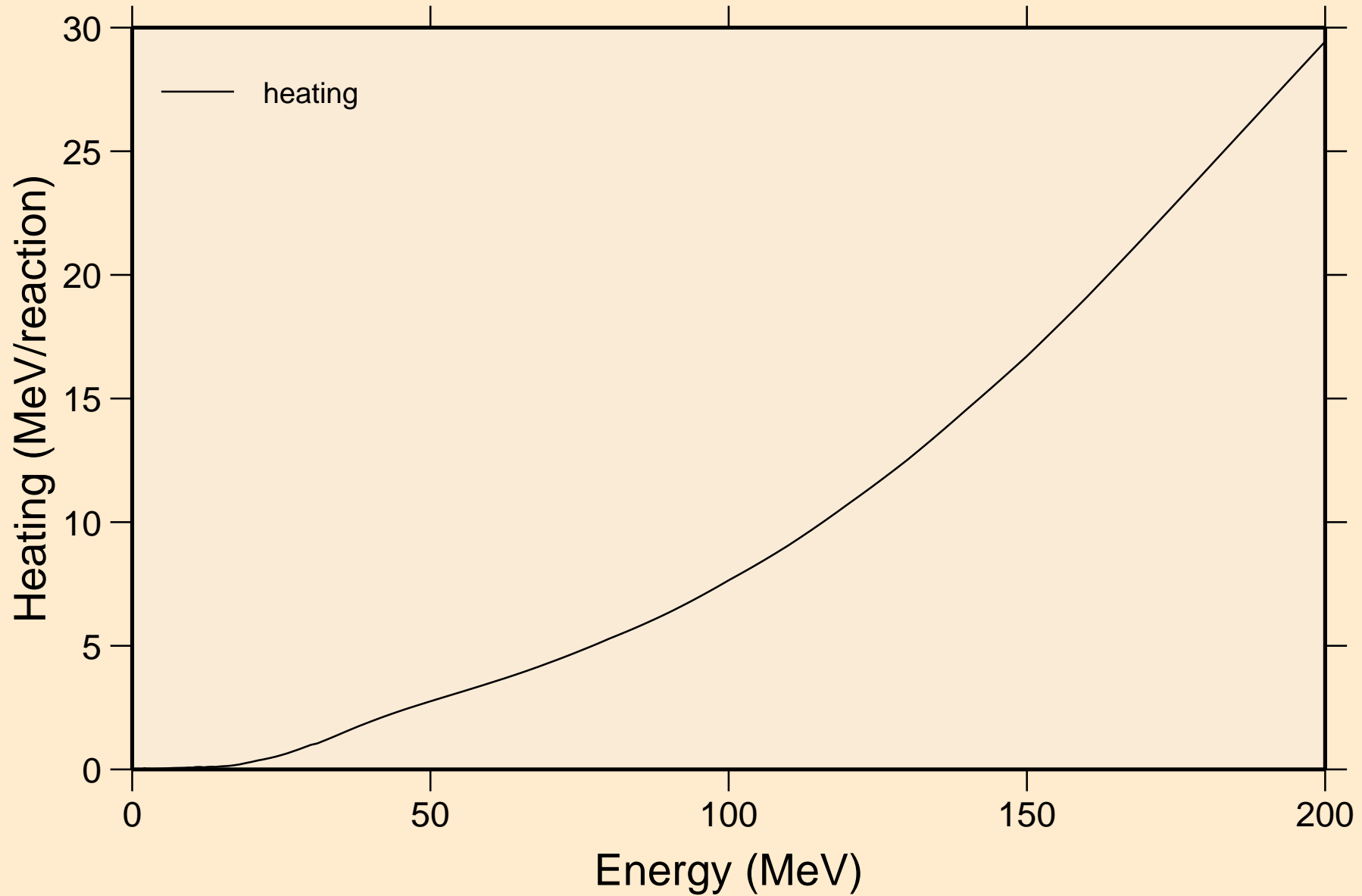
# SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

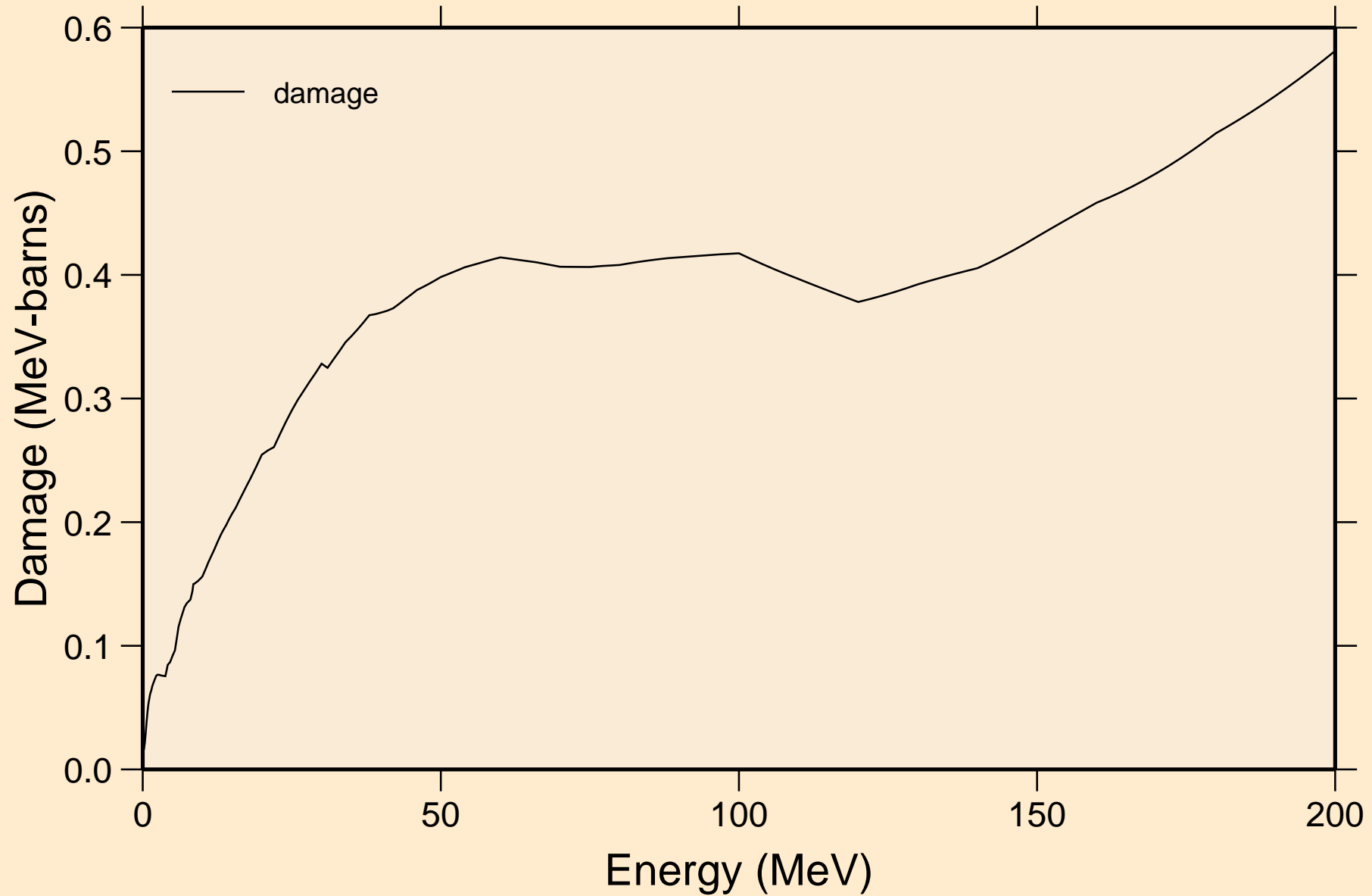


# SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

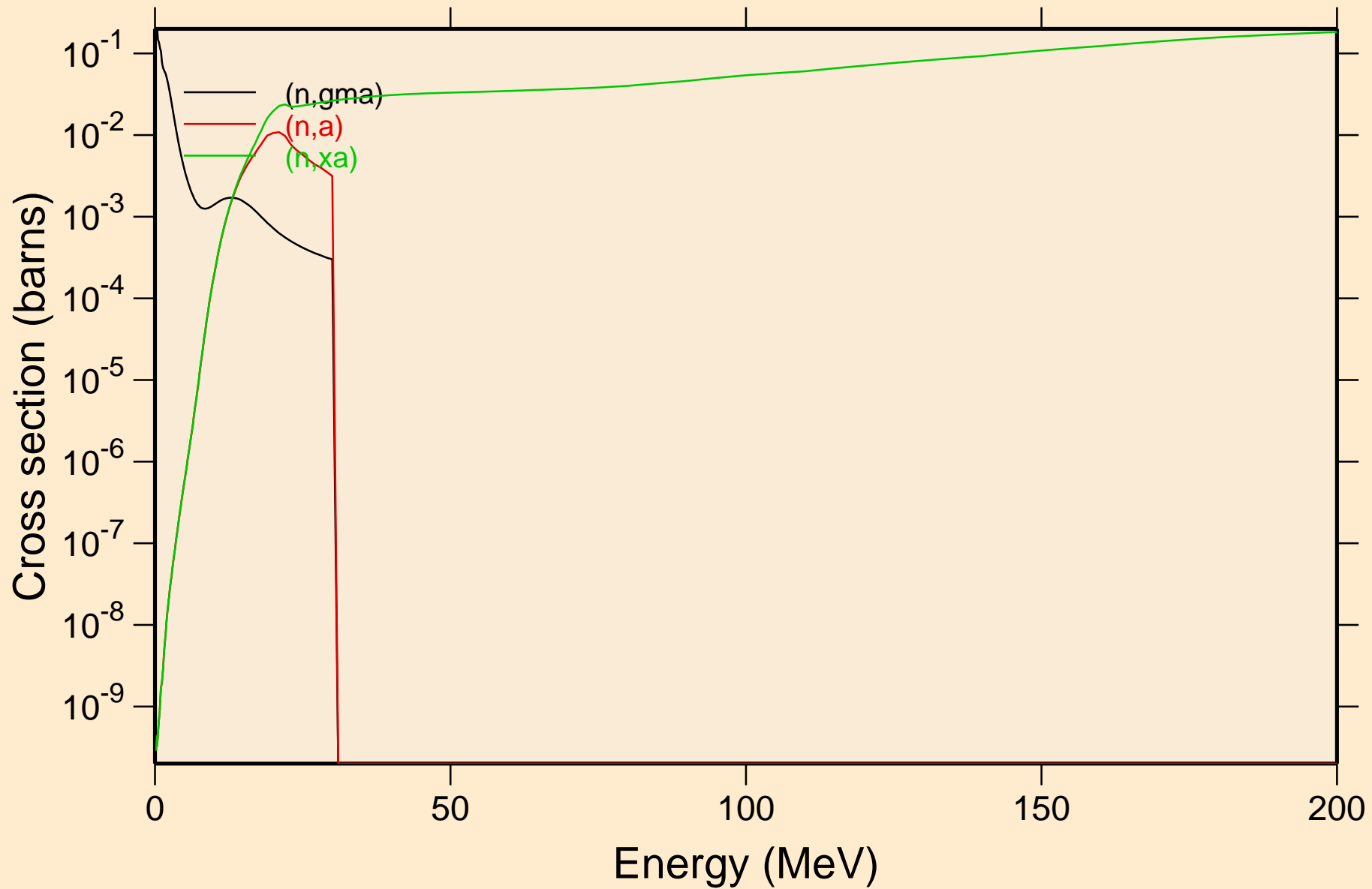
## Heating



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

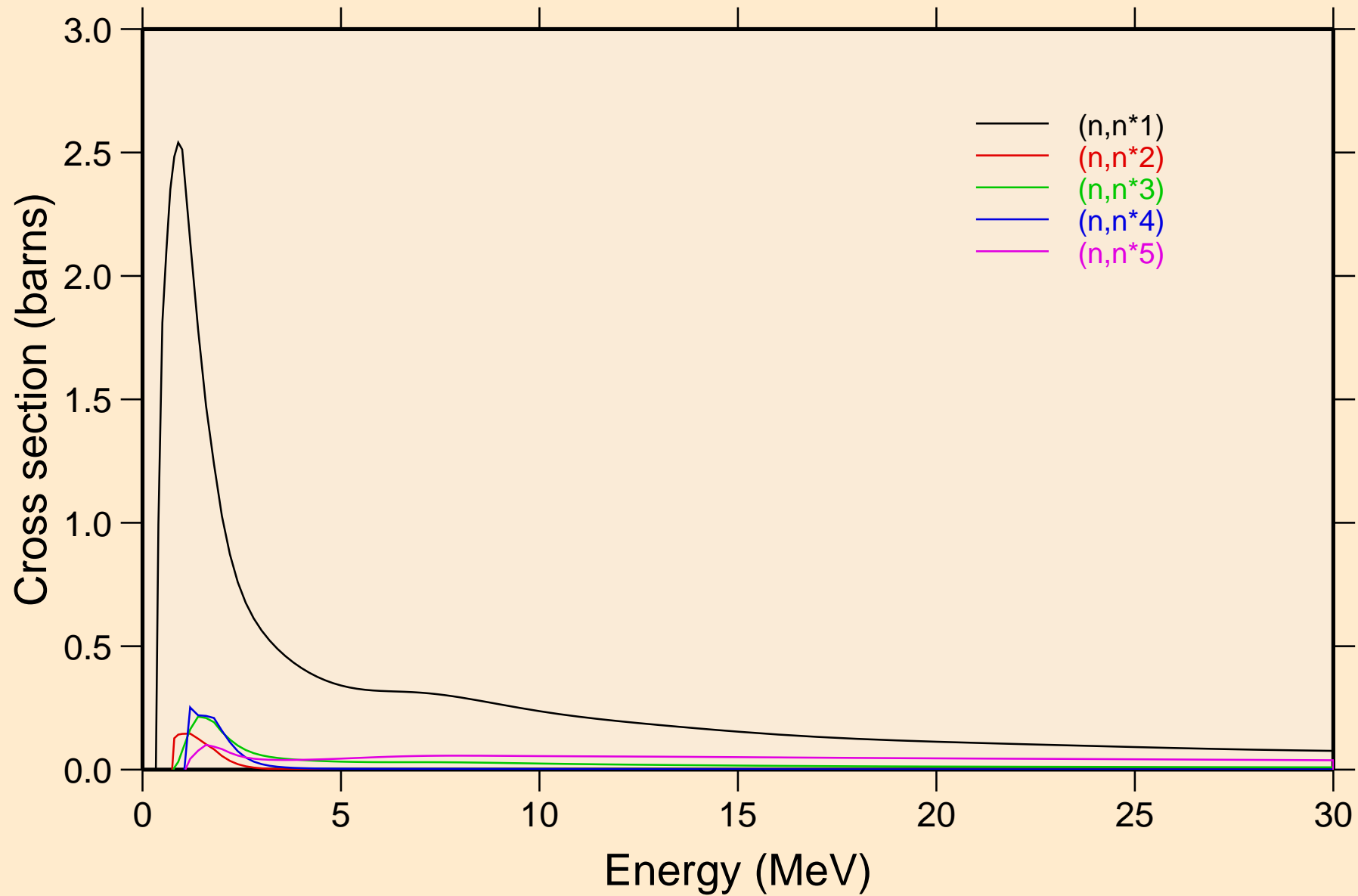


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

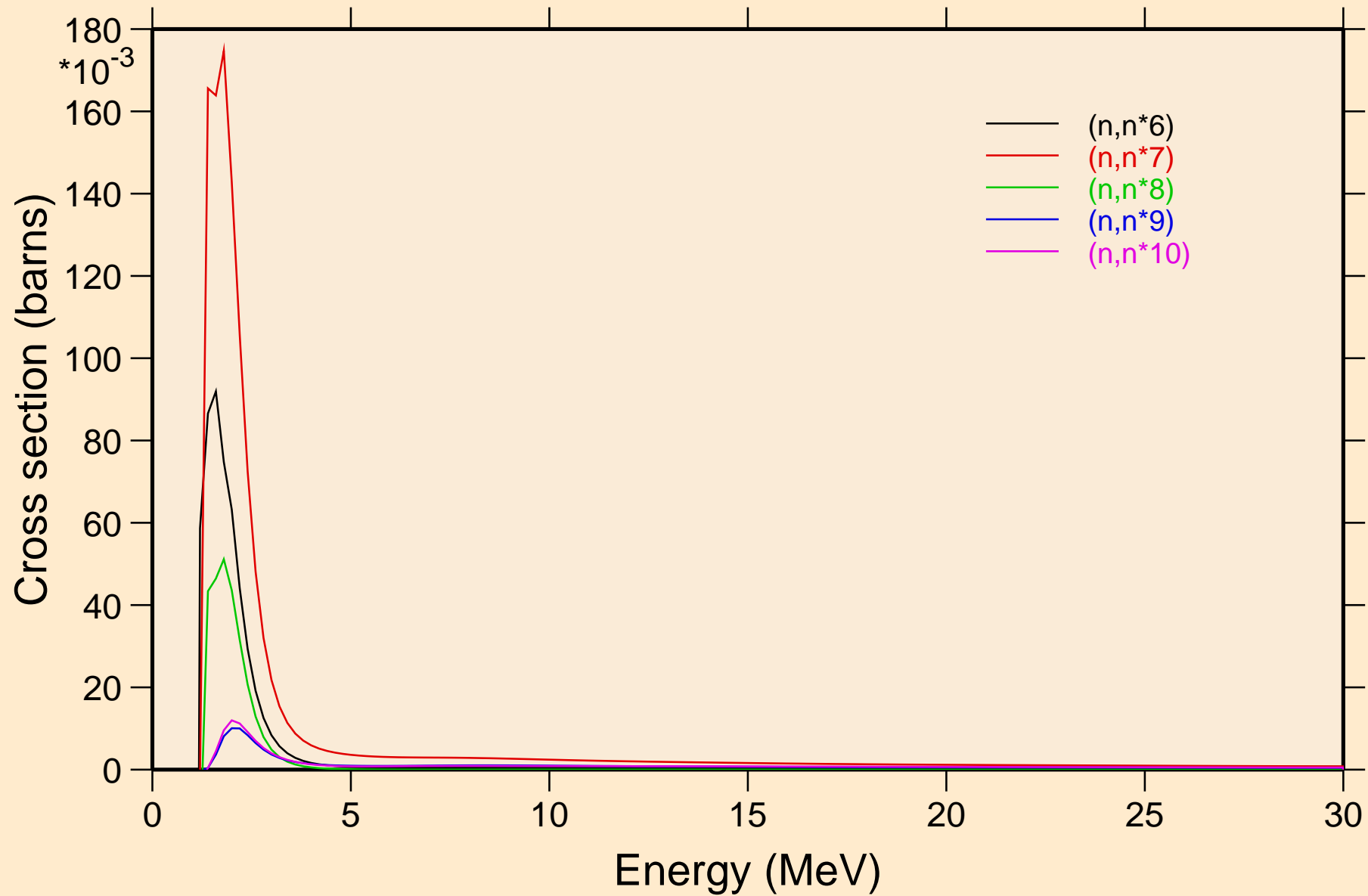




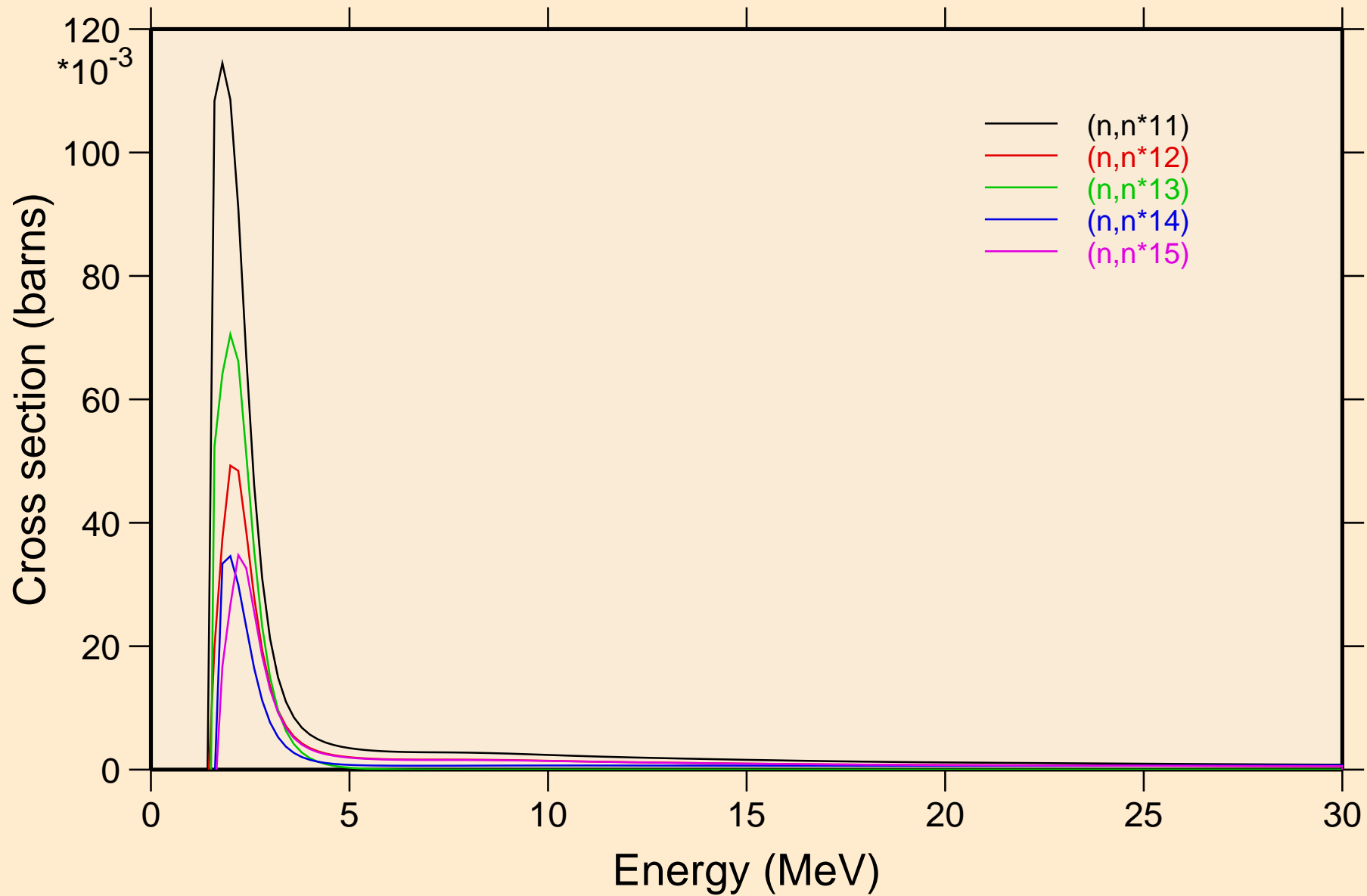
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



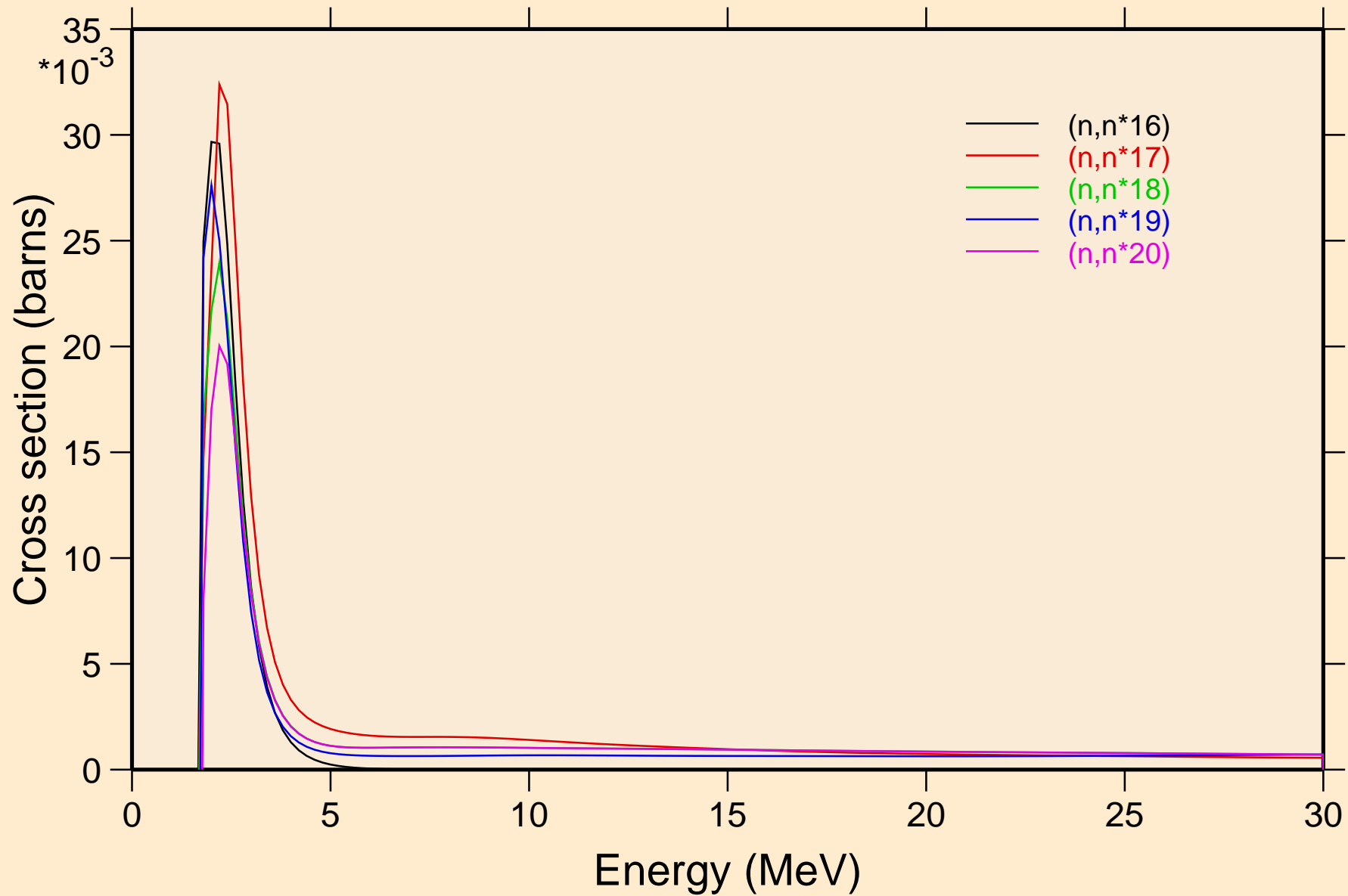
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



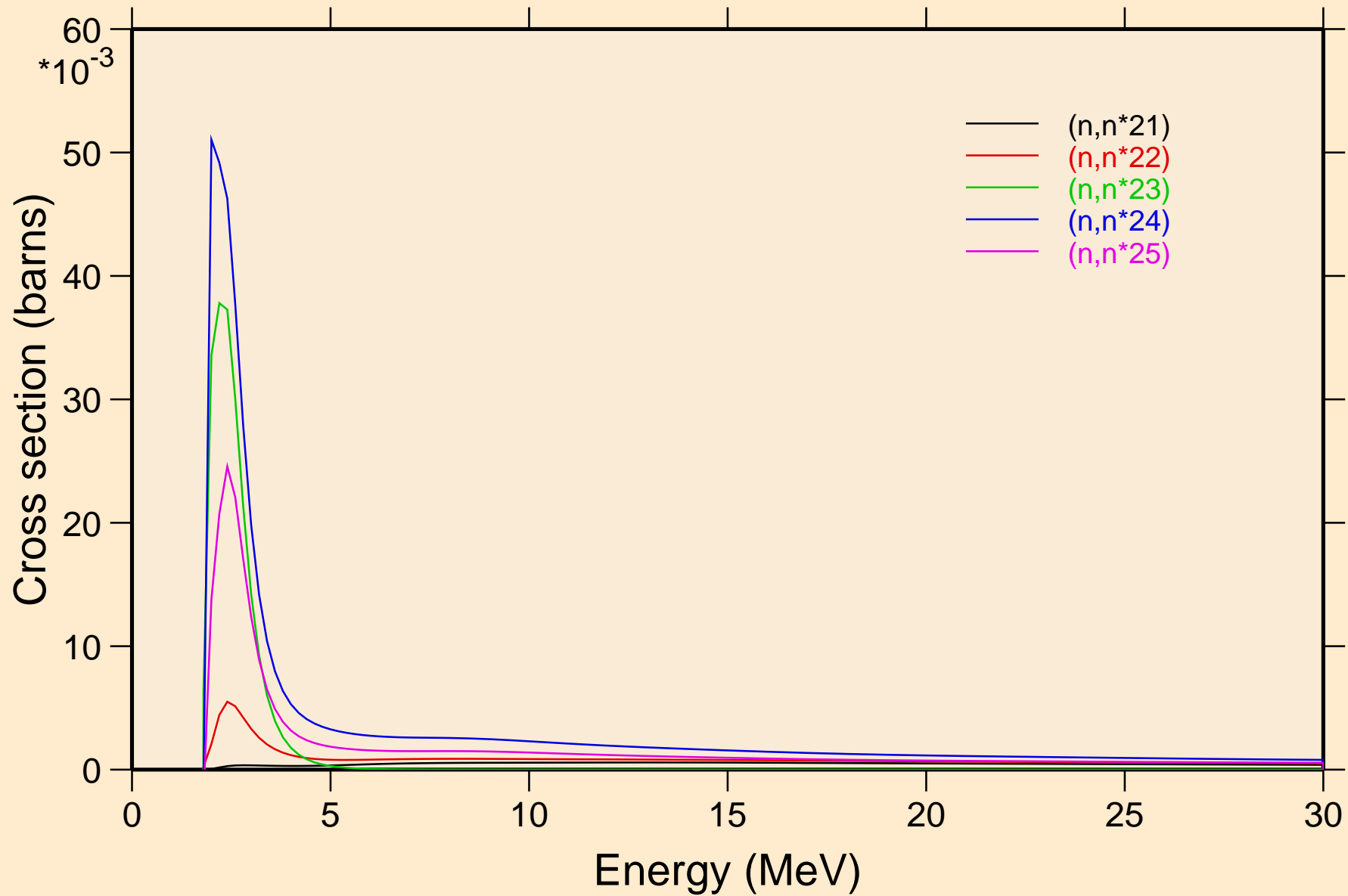
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



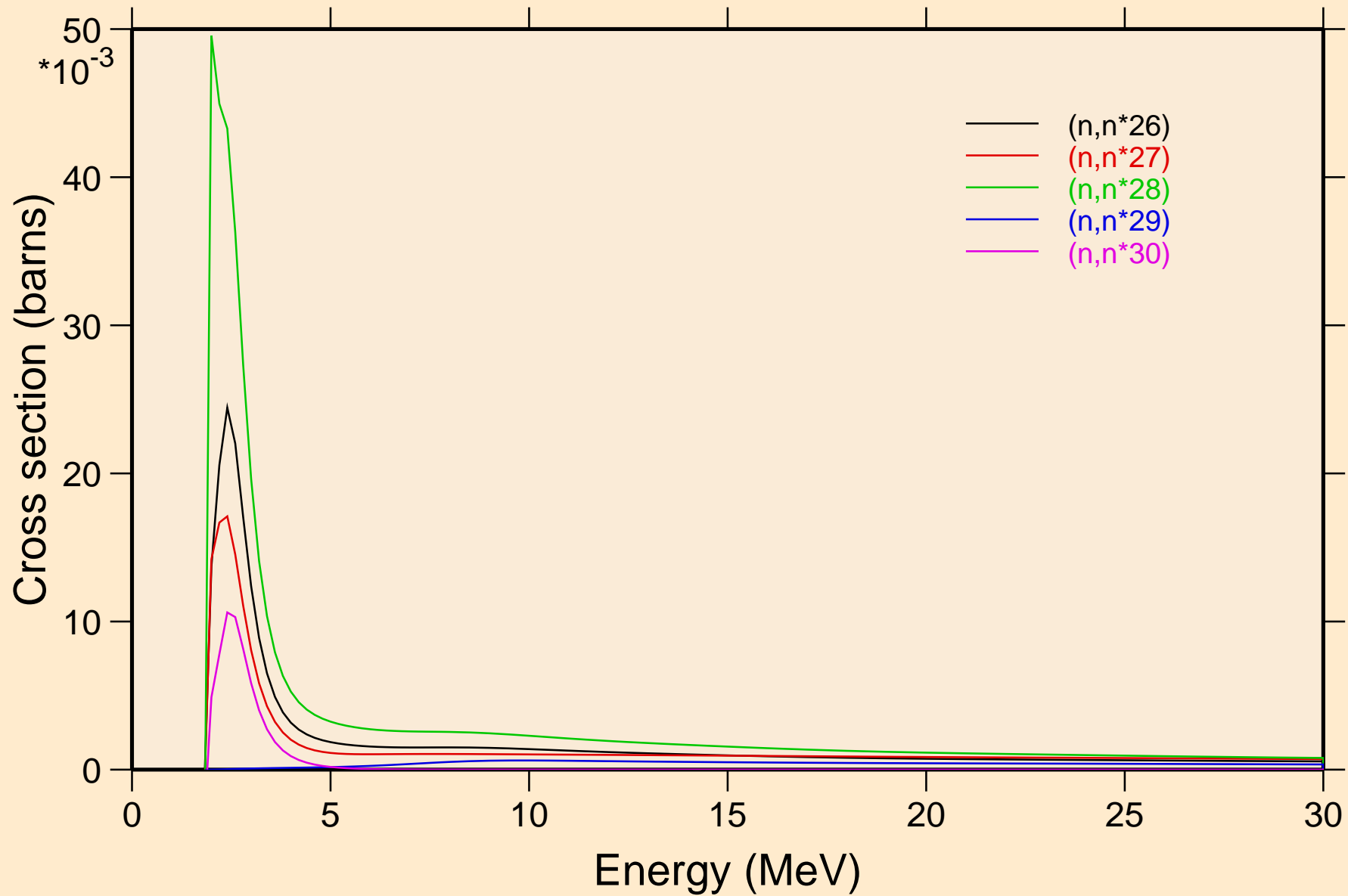
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

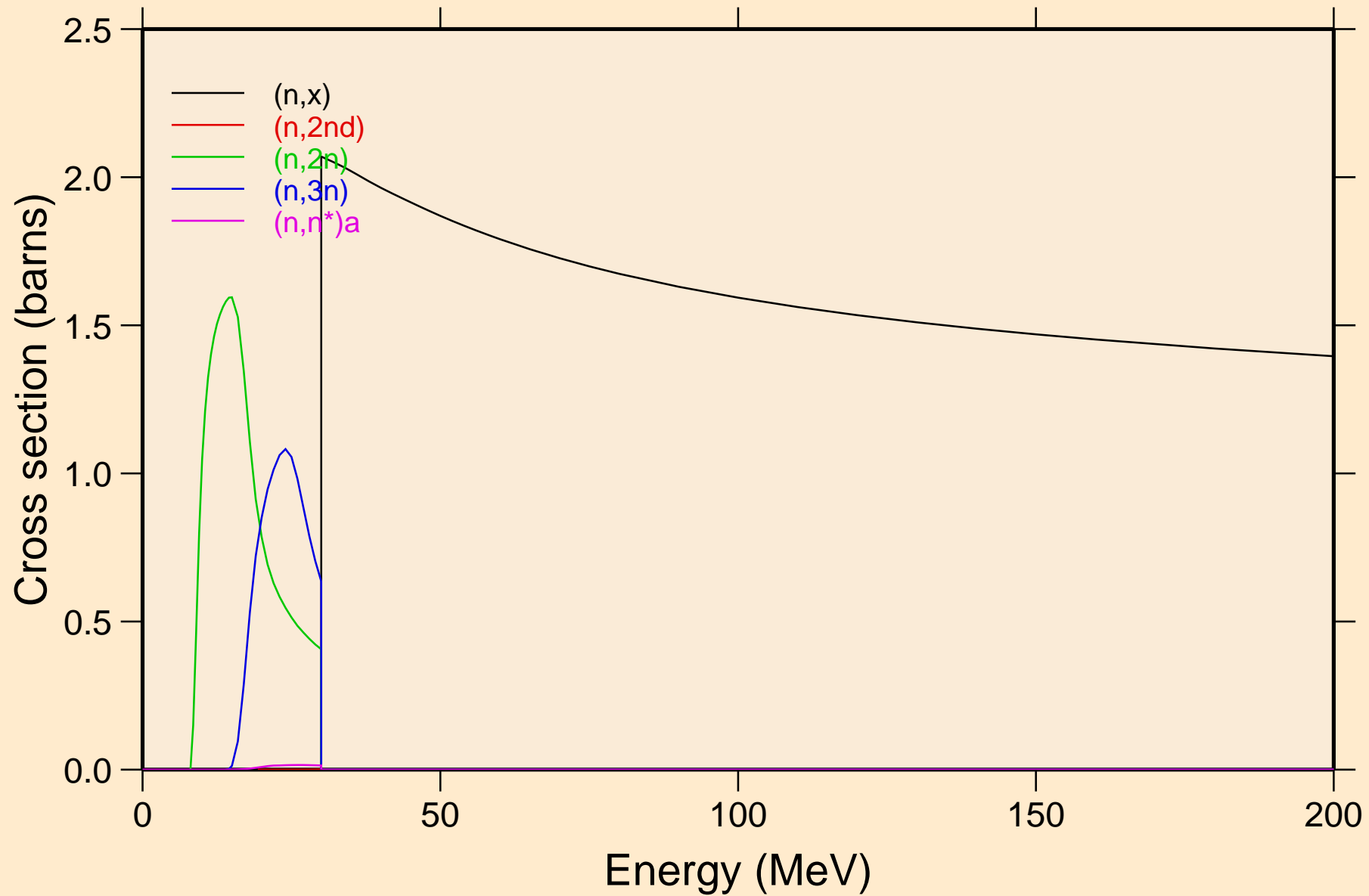


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

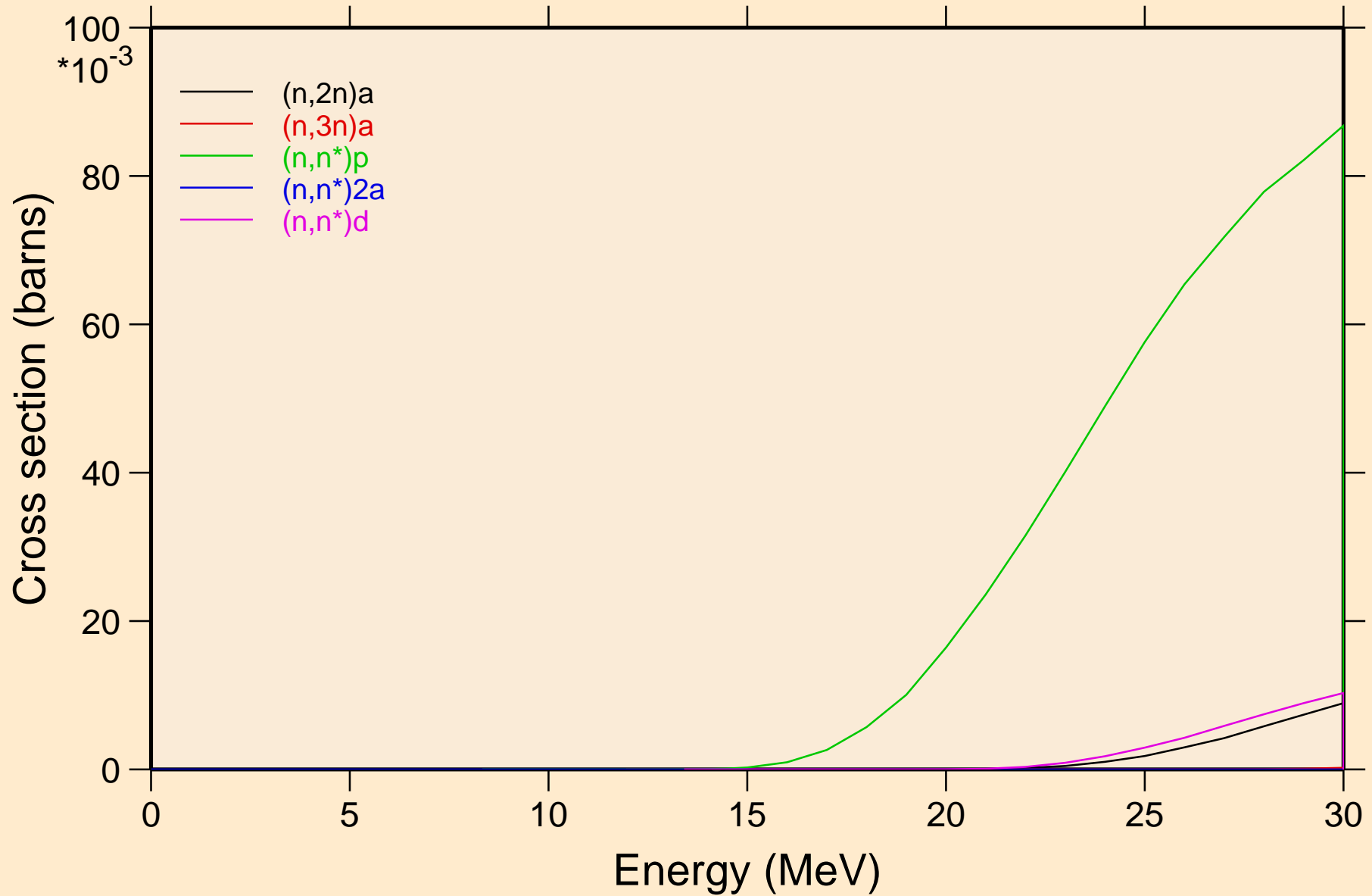


# SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

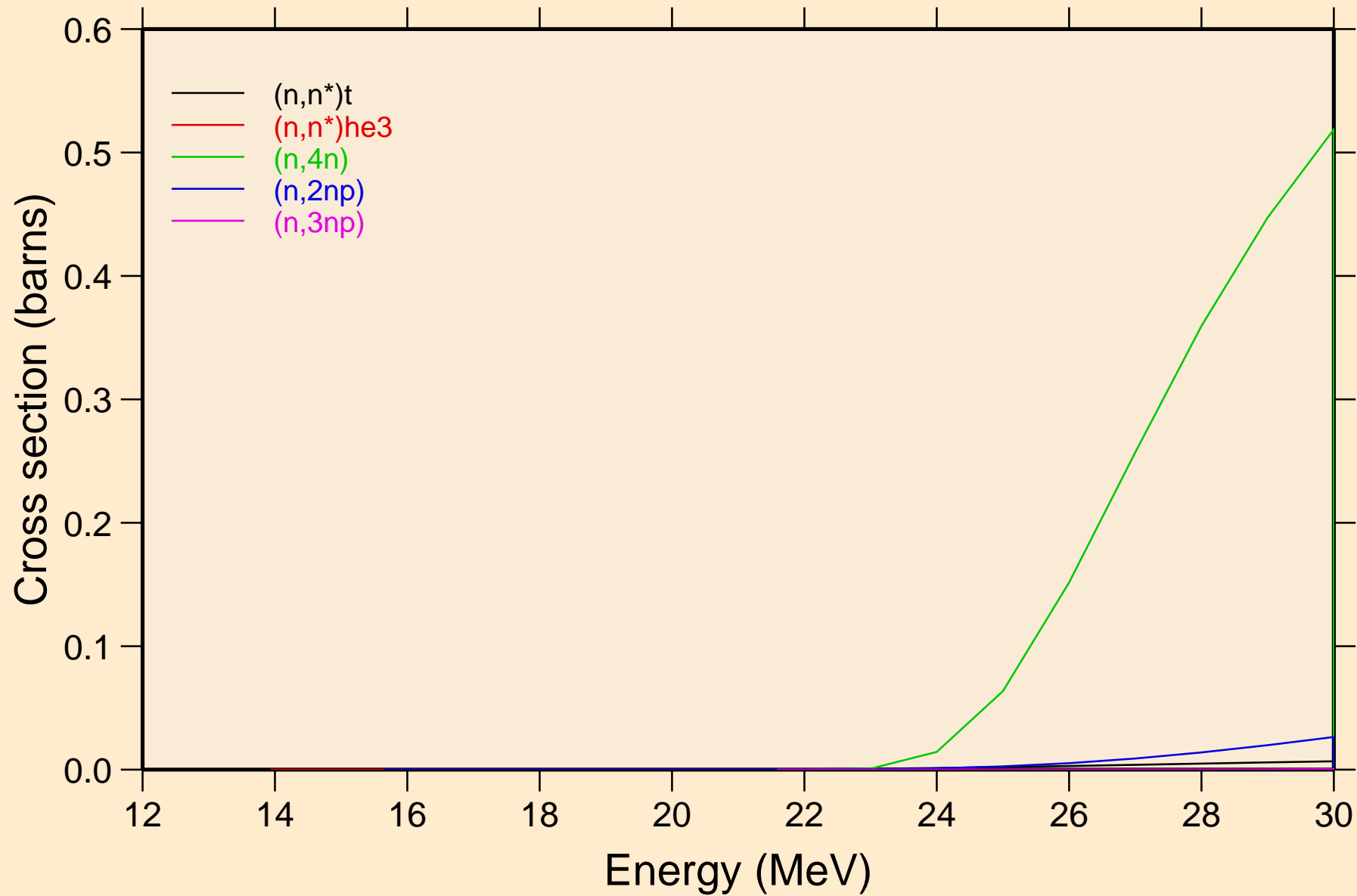


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

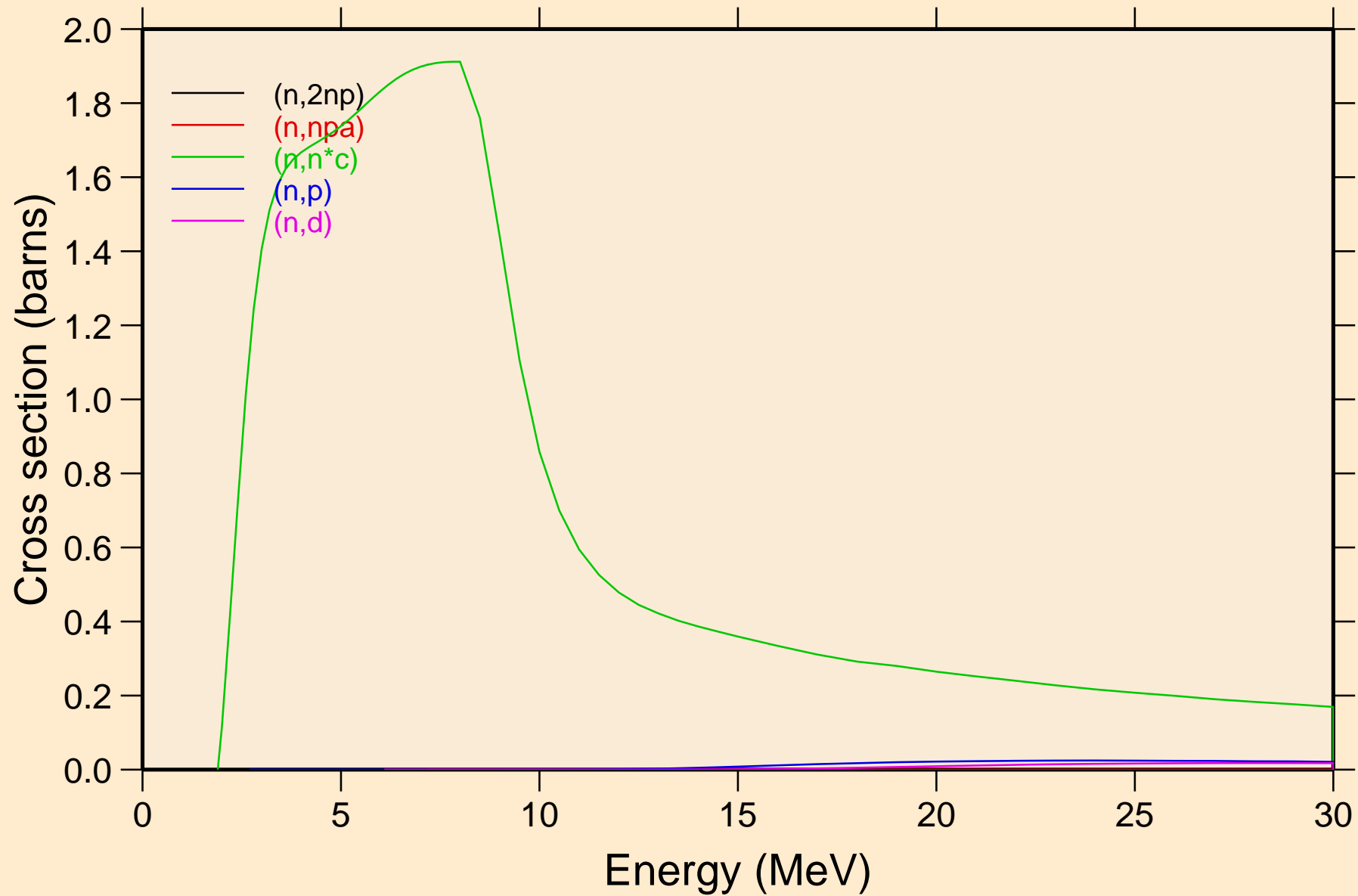




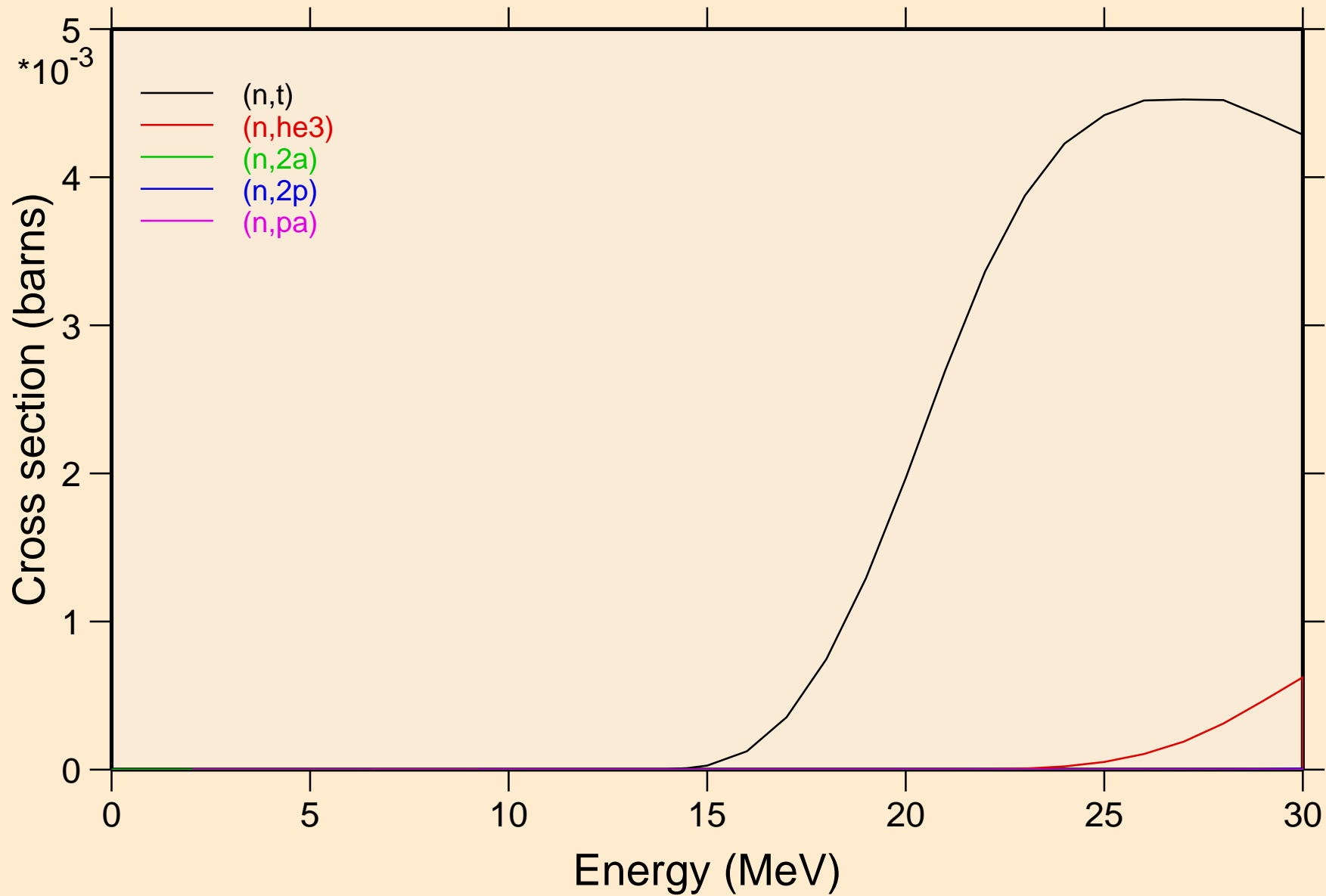
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



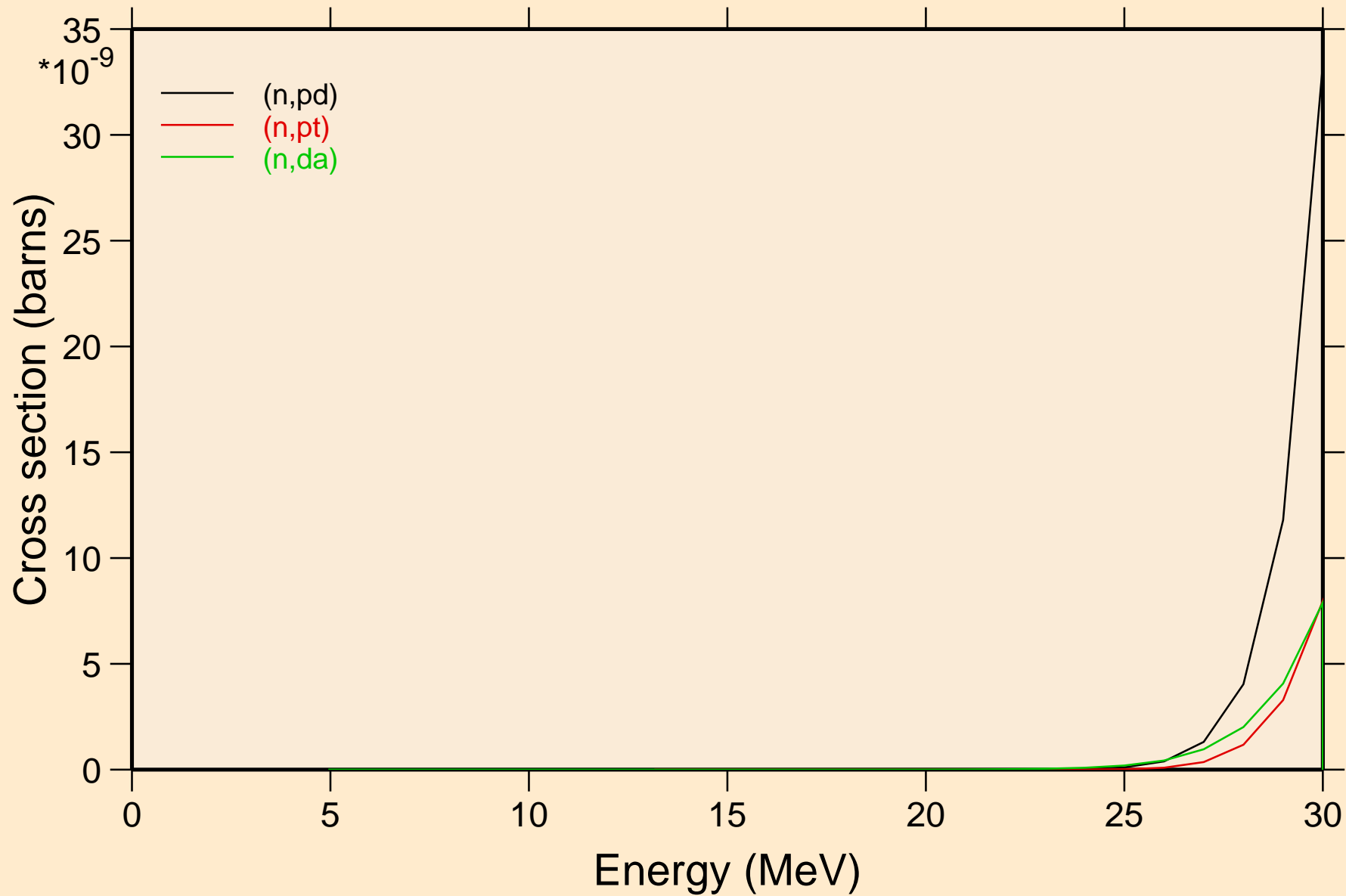
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



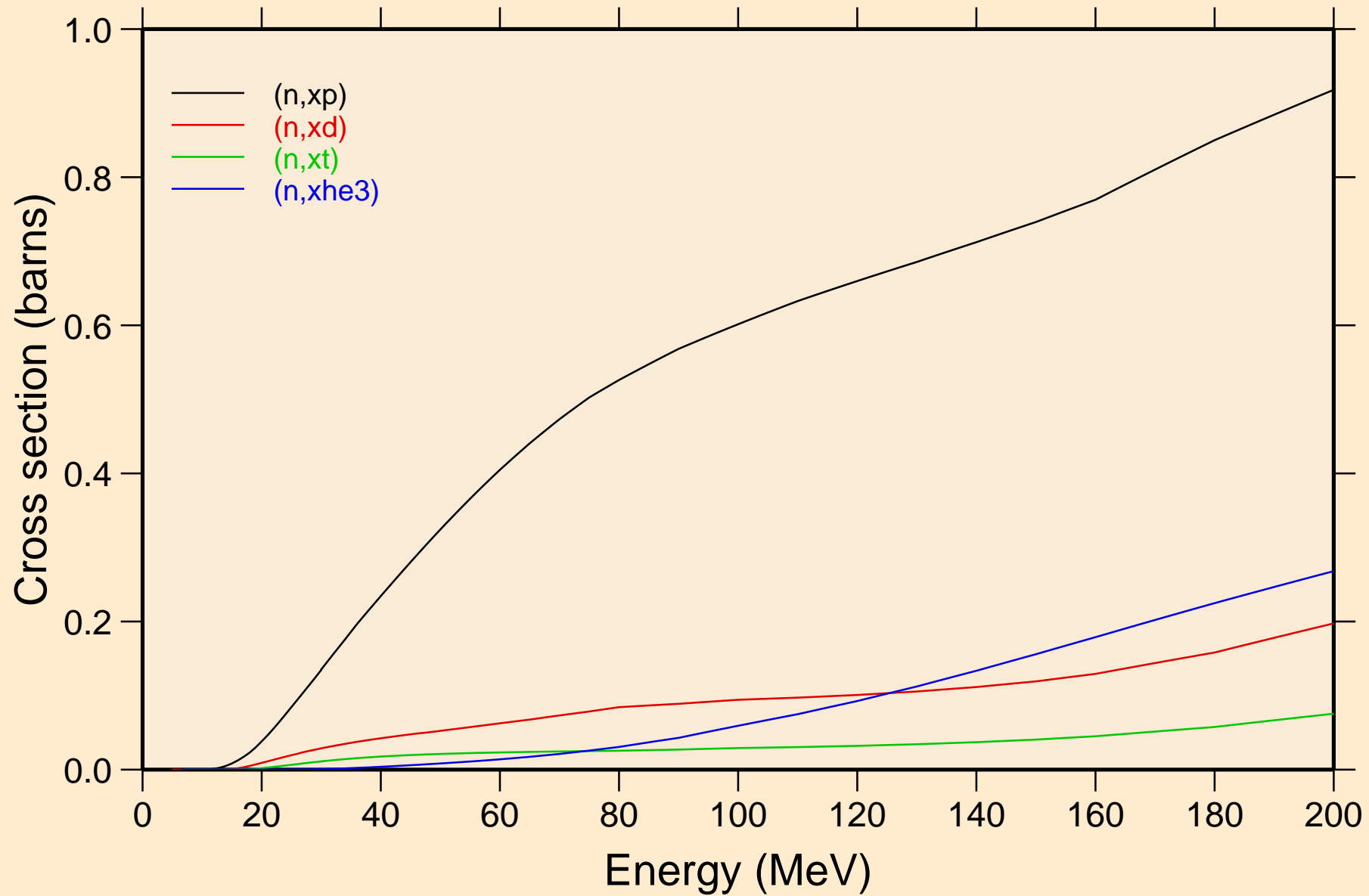
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



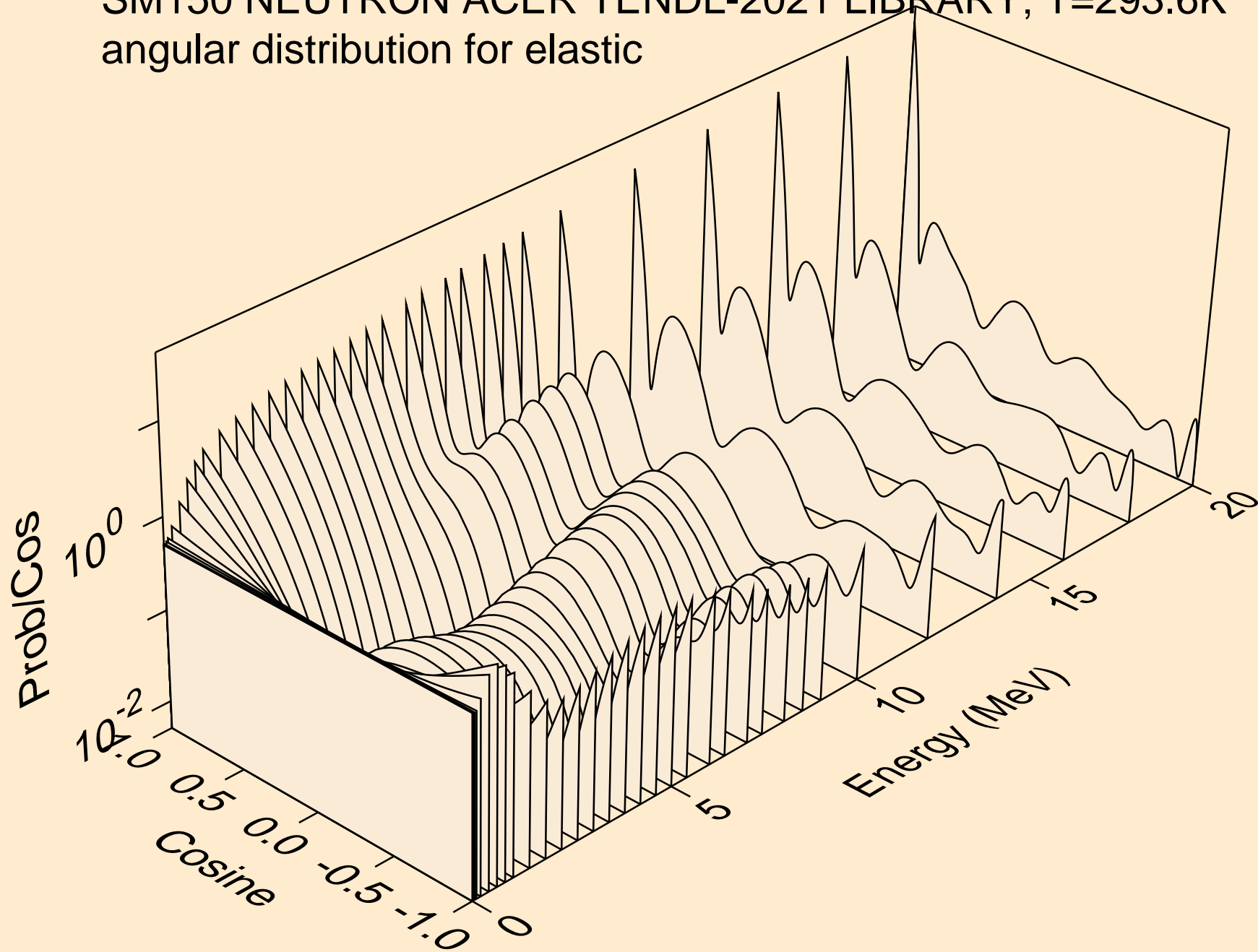
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



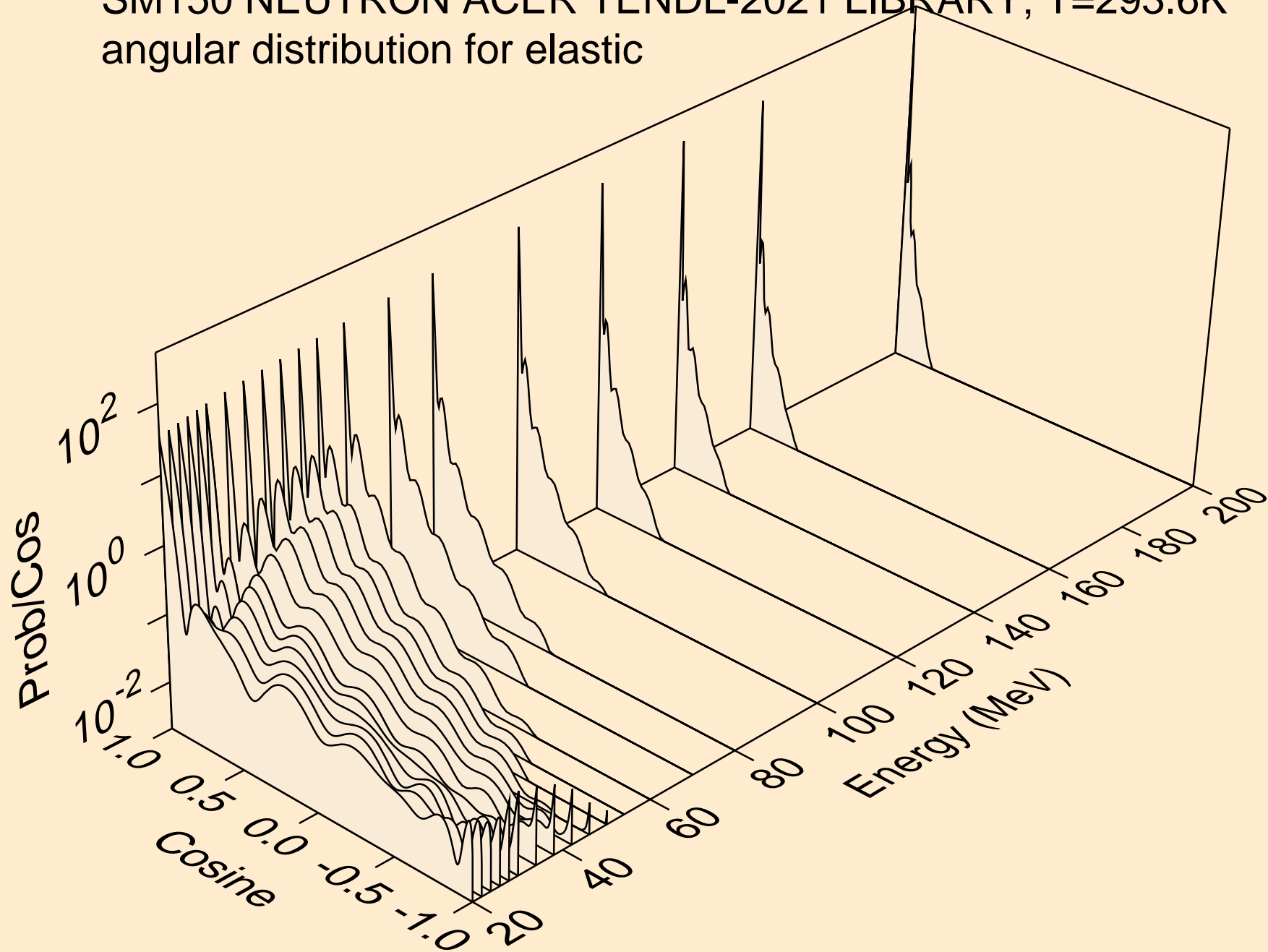
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



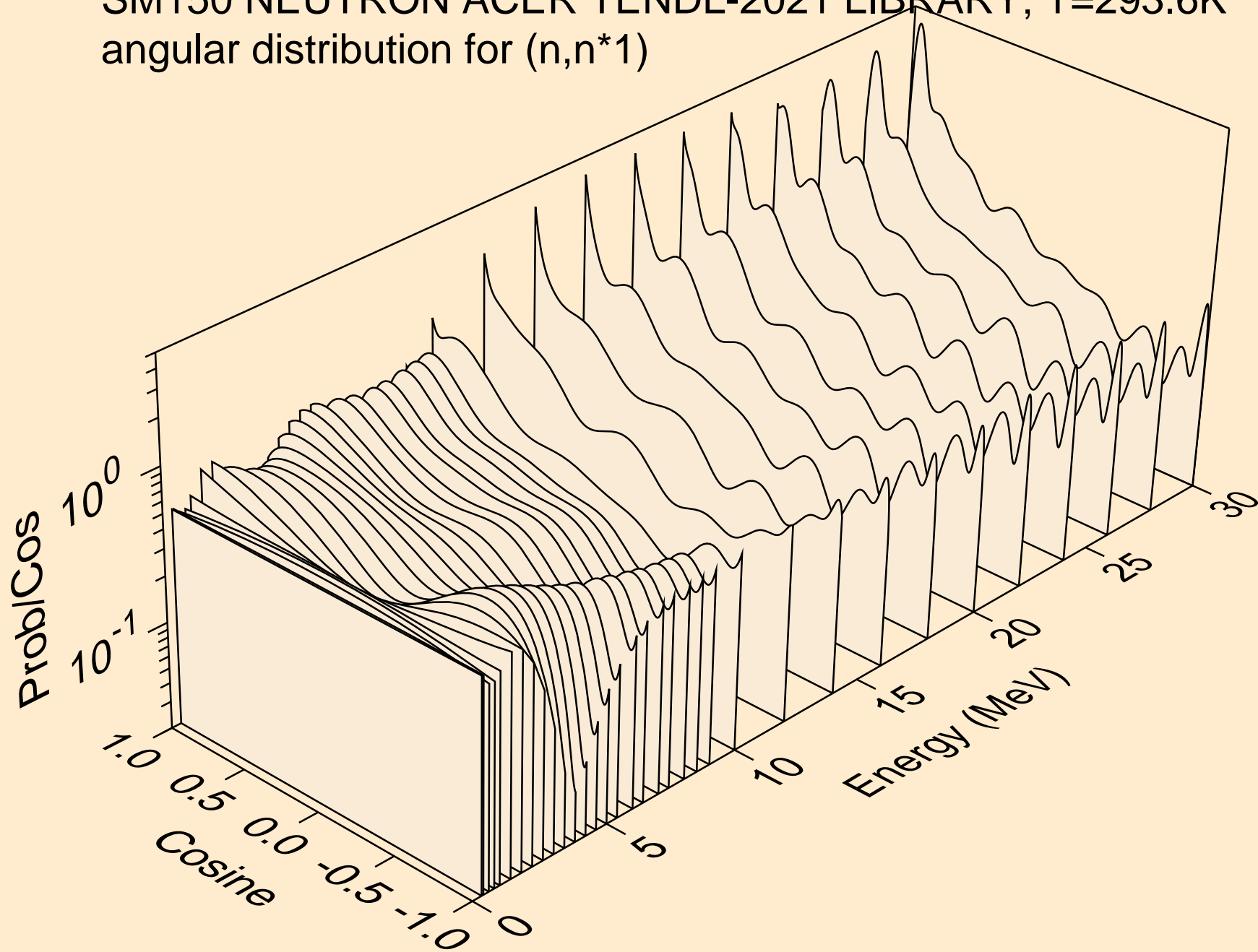
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

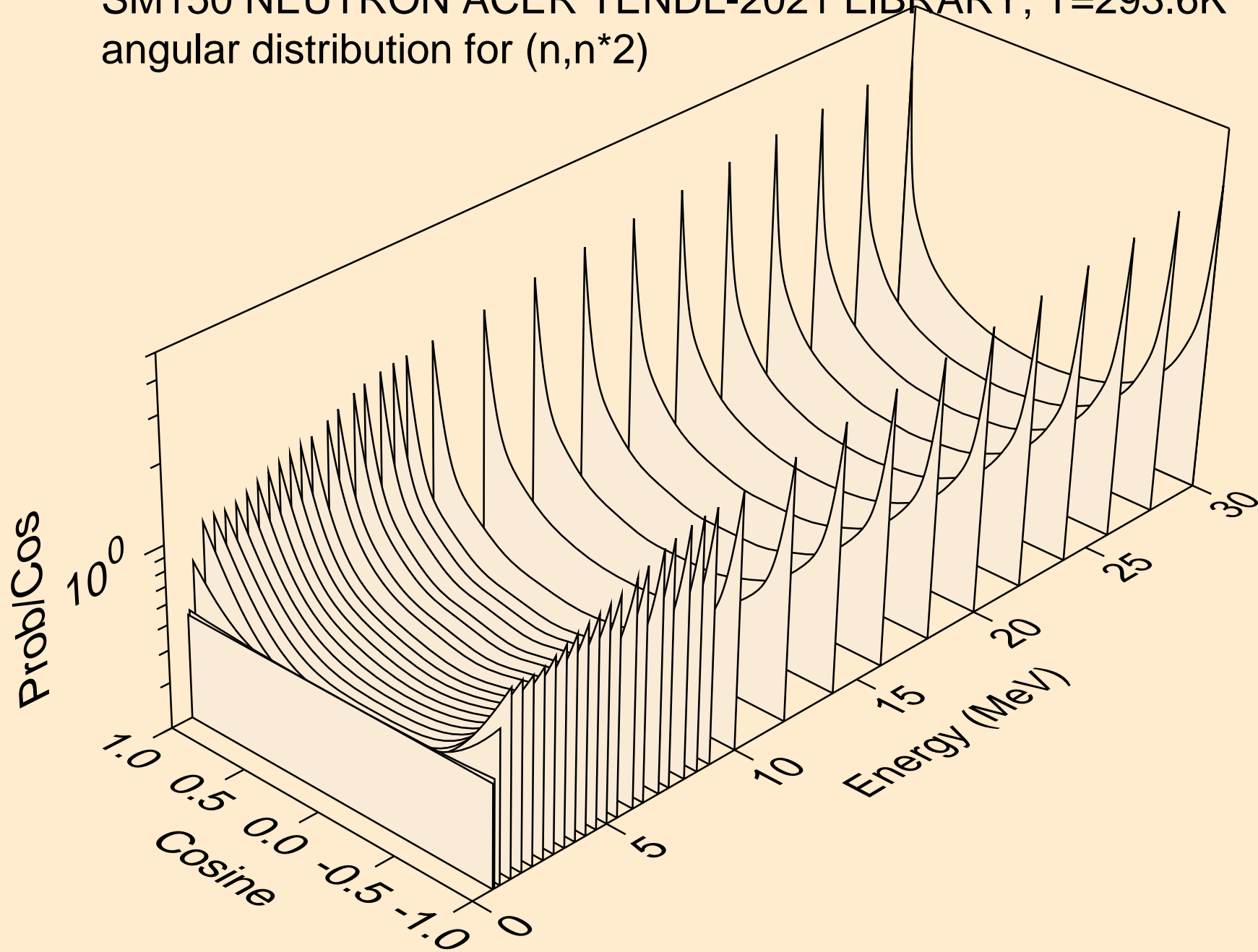


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

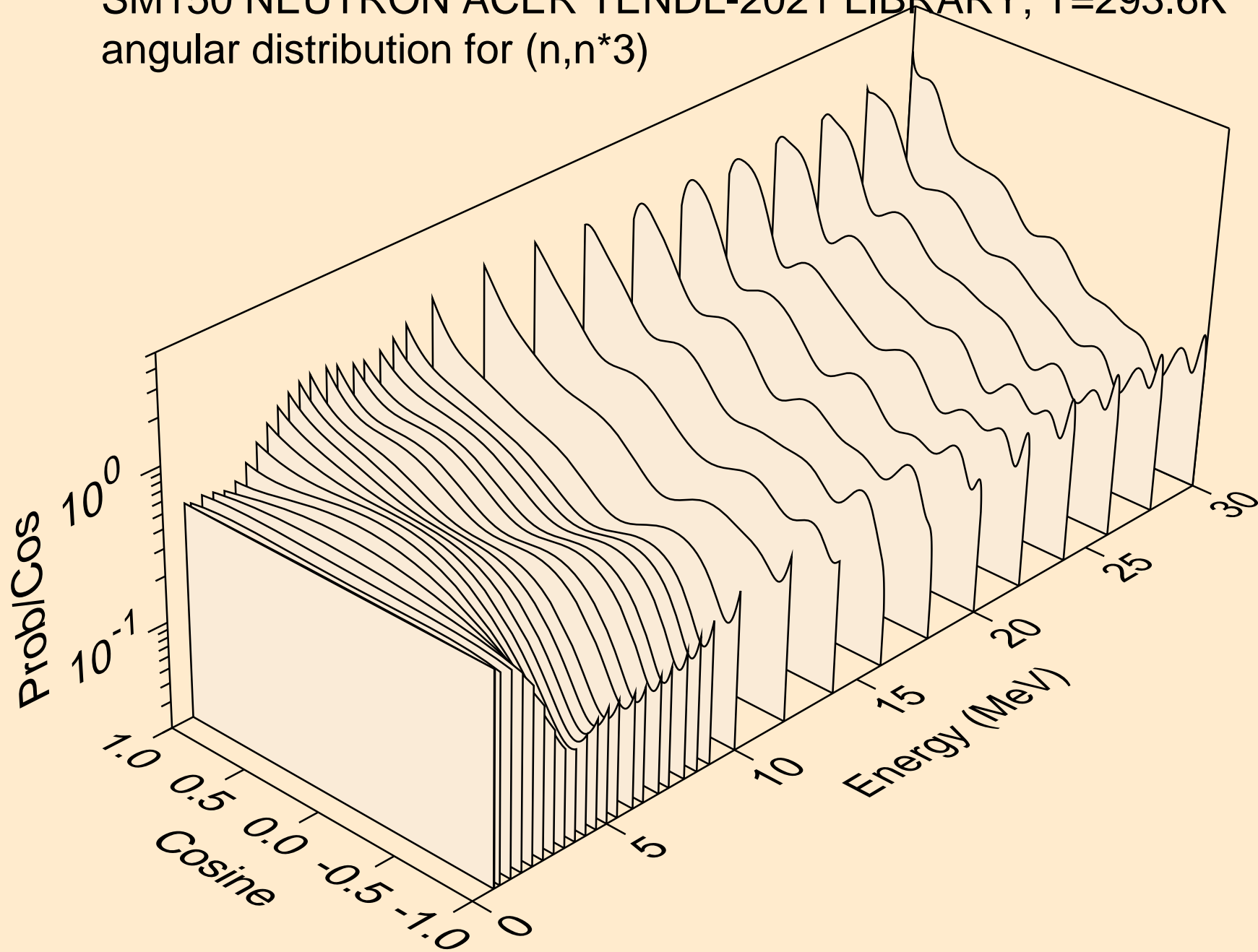




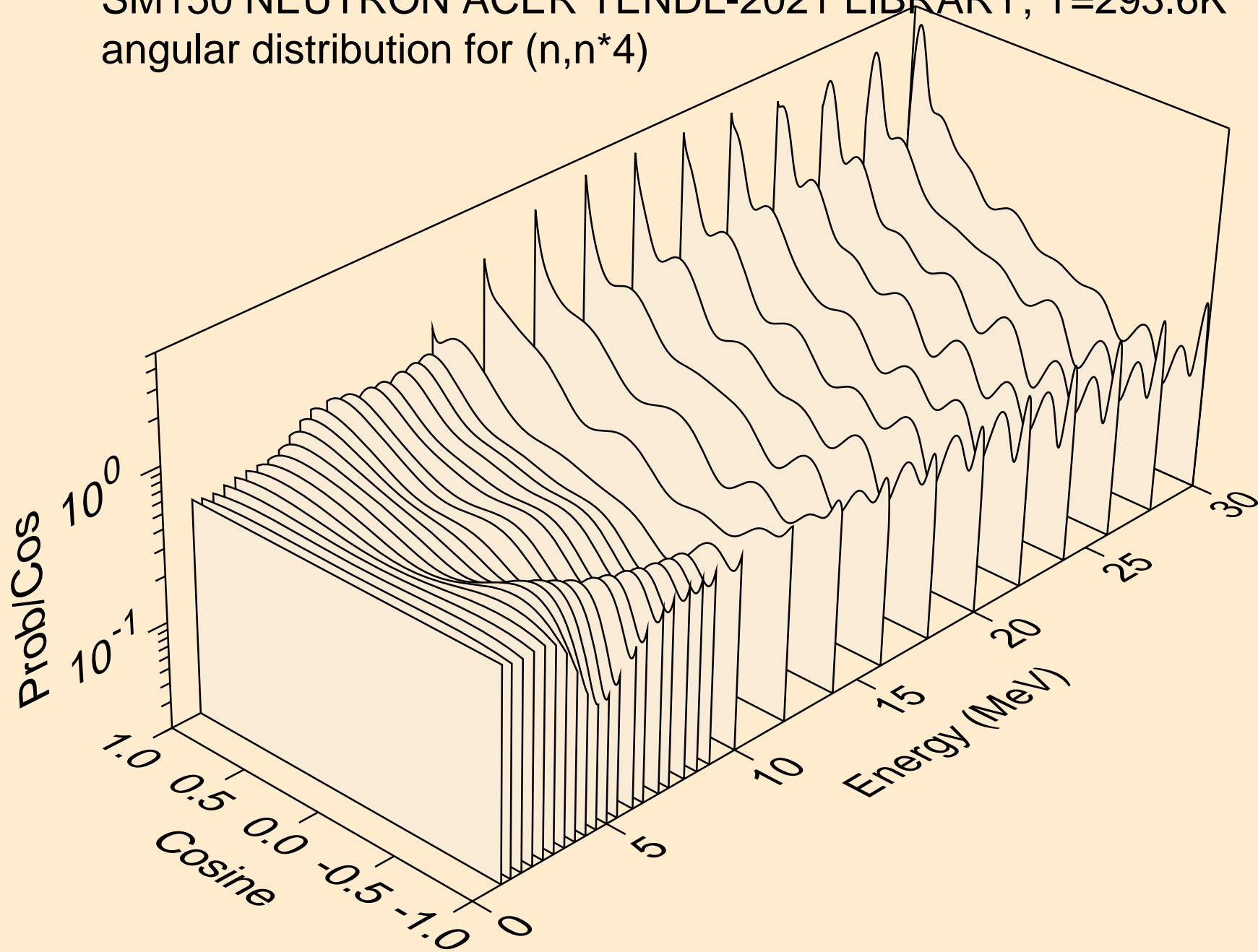
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



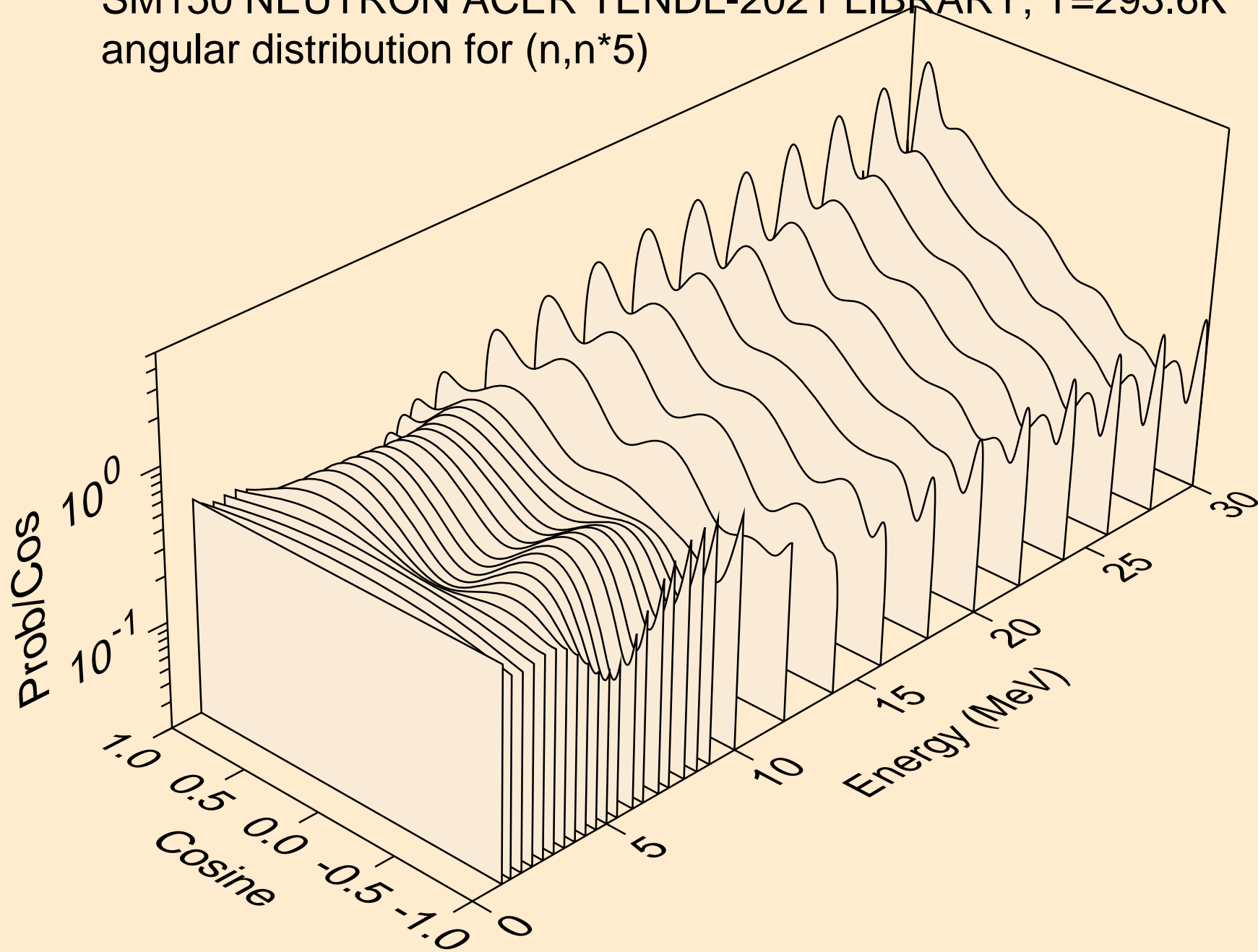
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



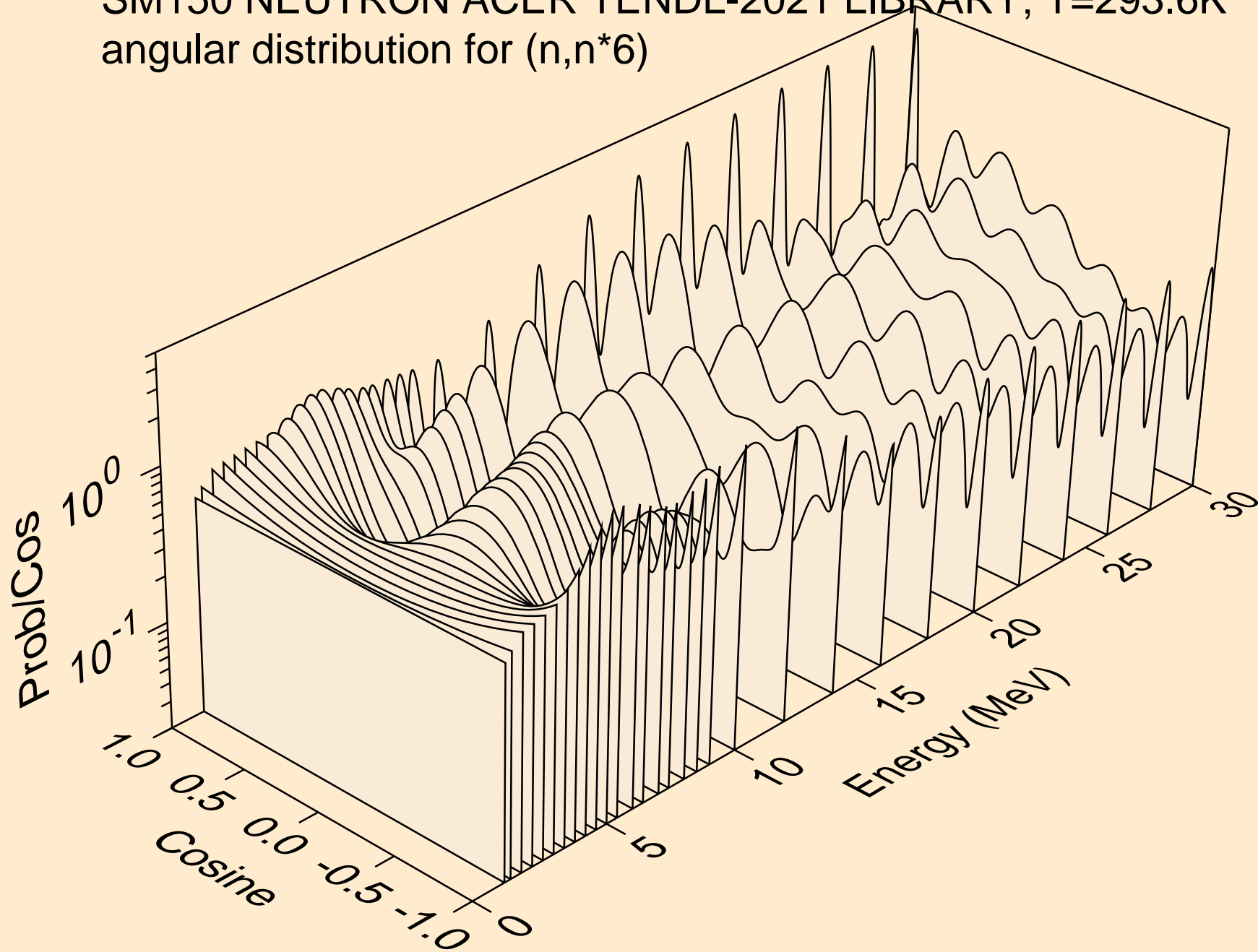
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



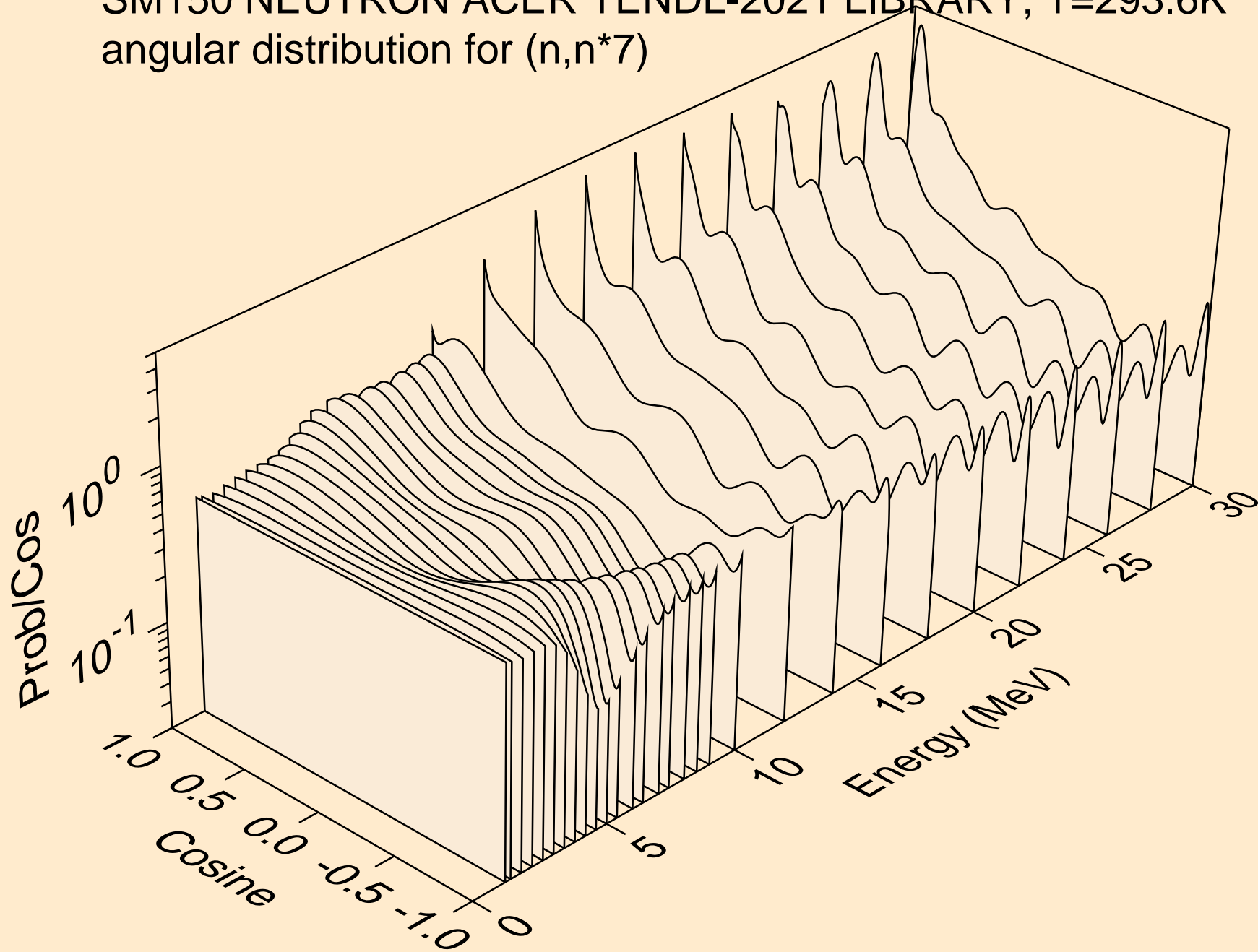
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



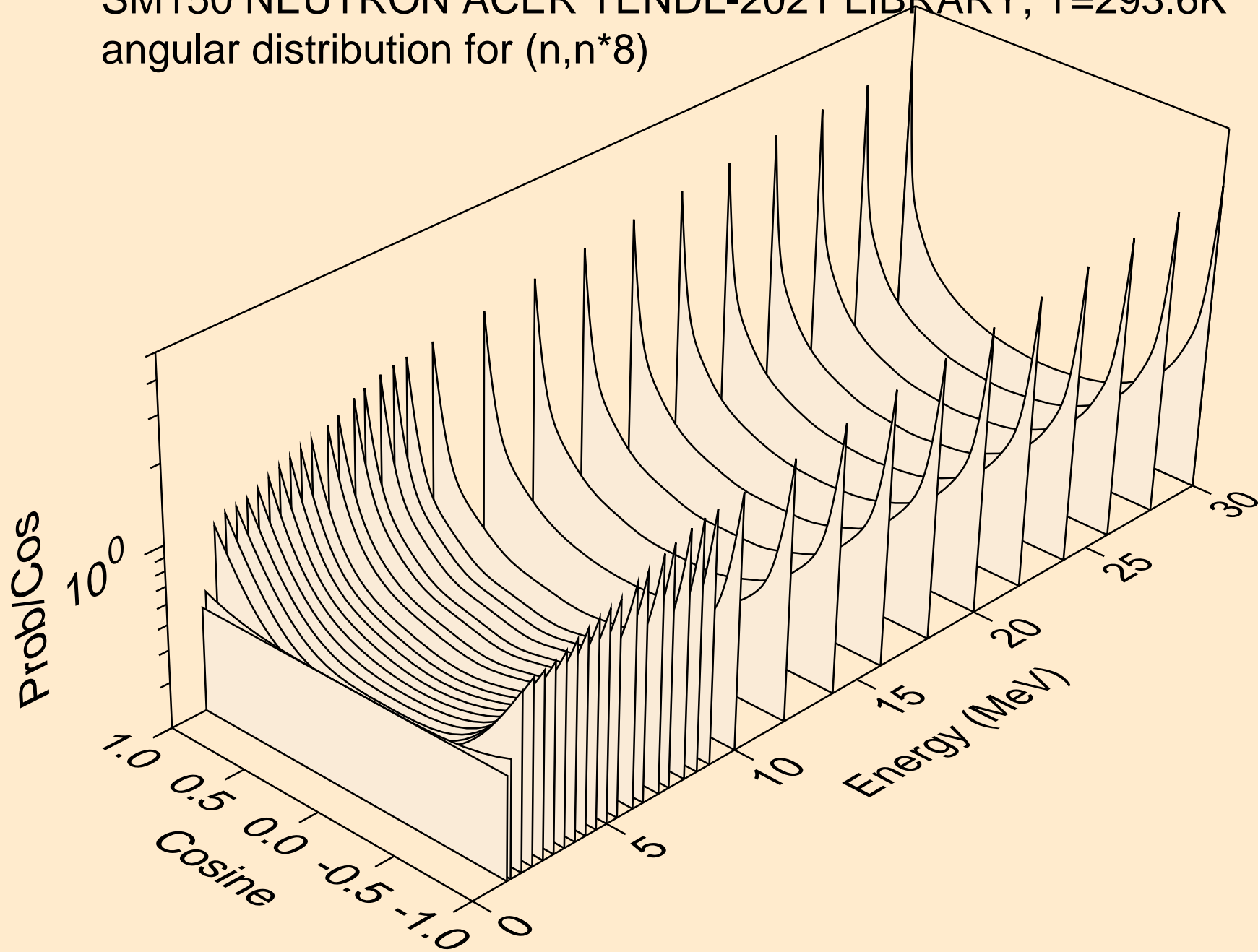
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



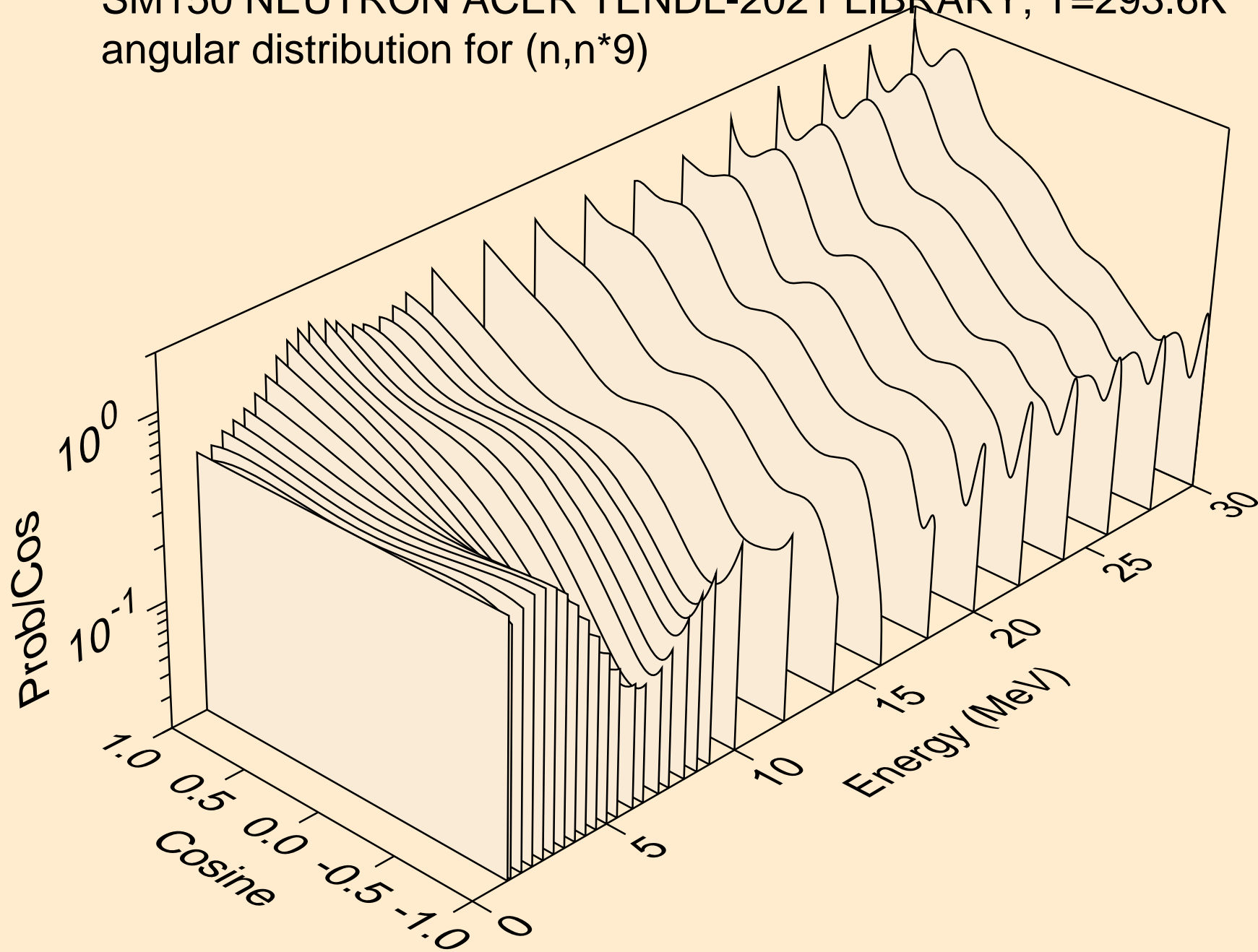
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

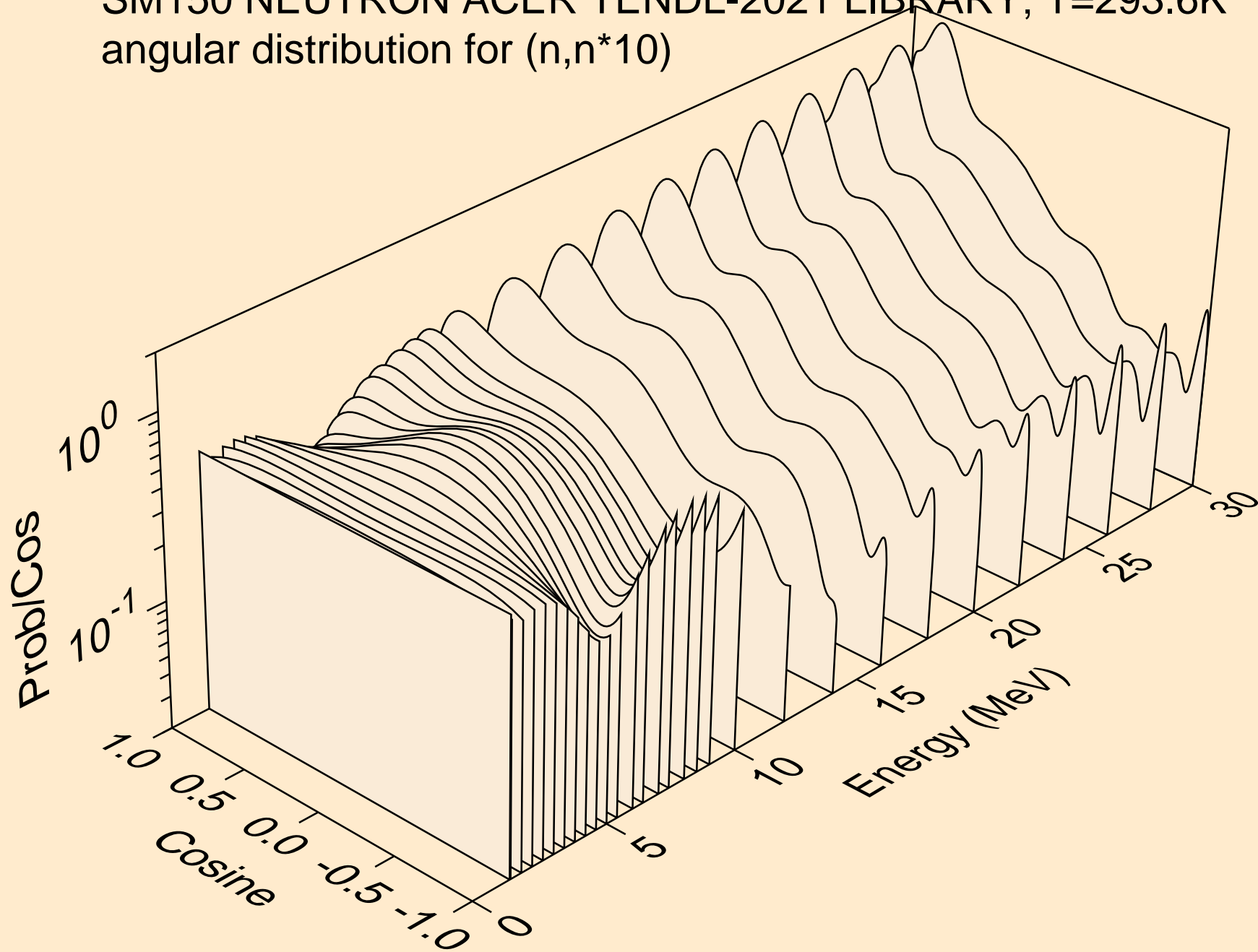


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

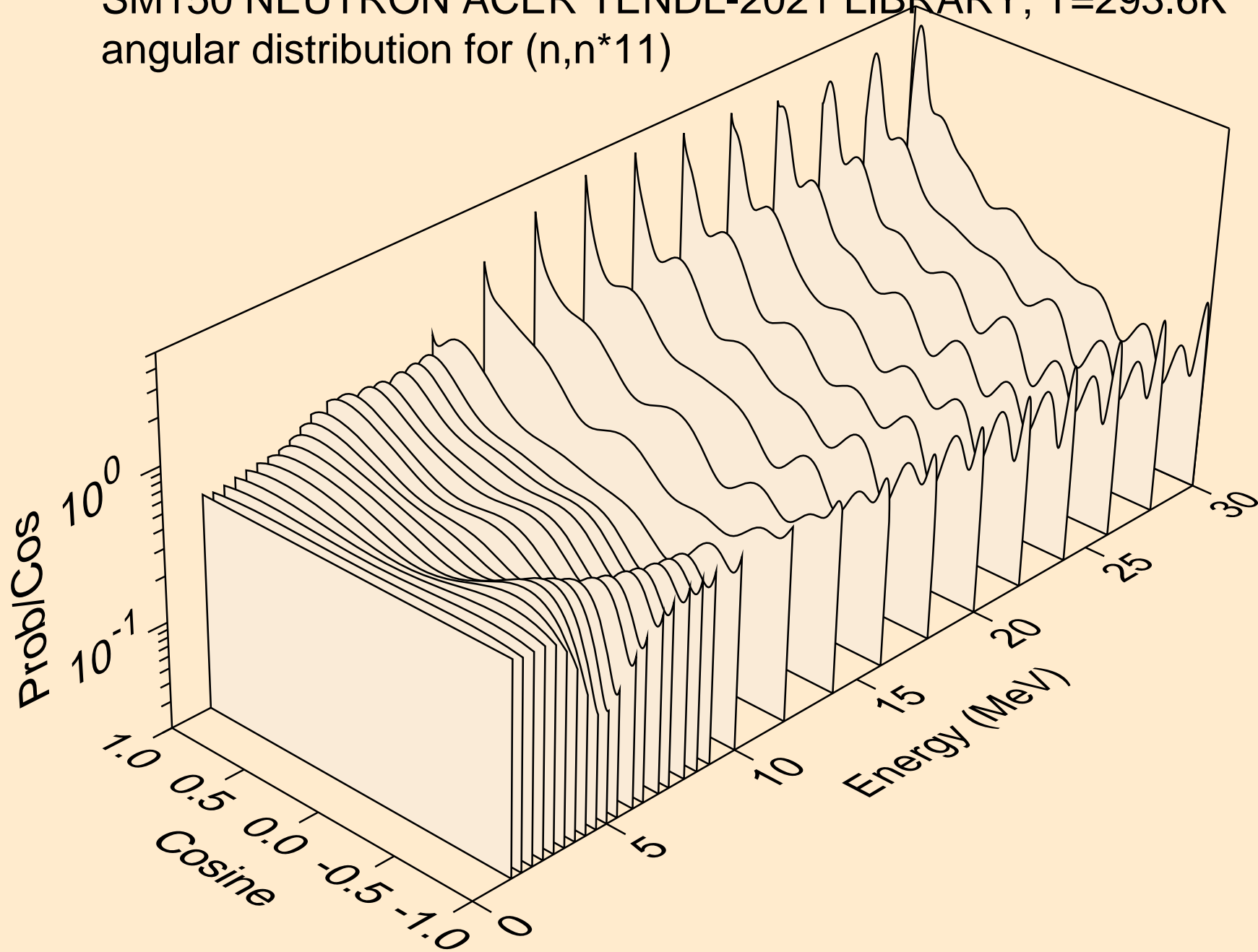




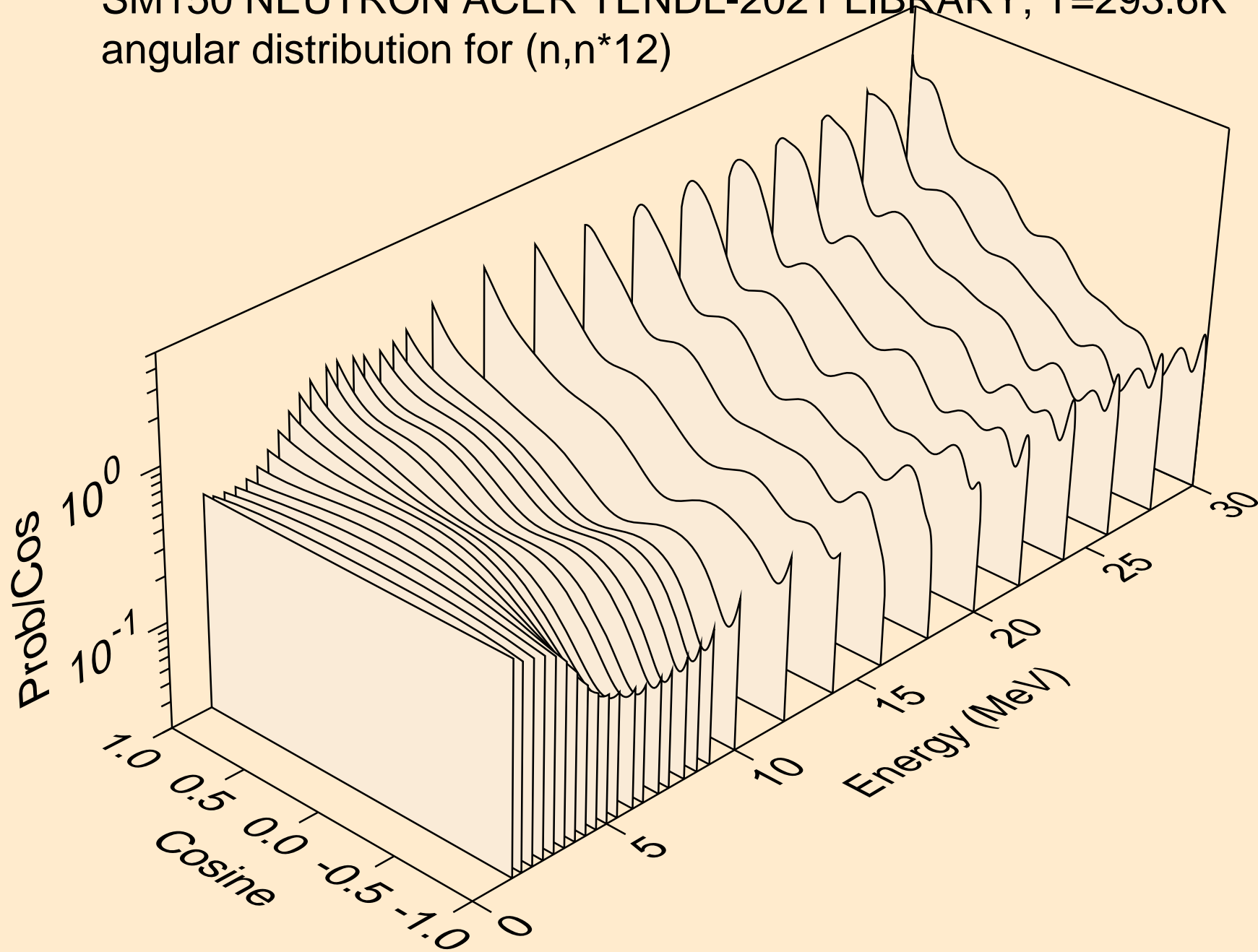
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



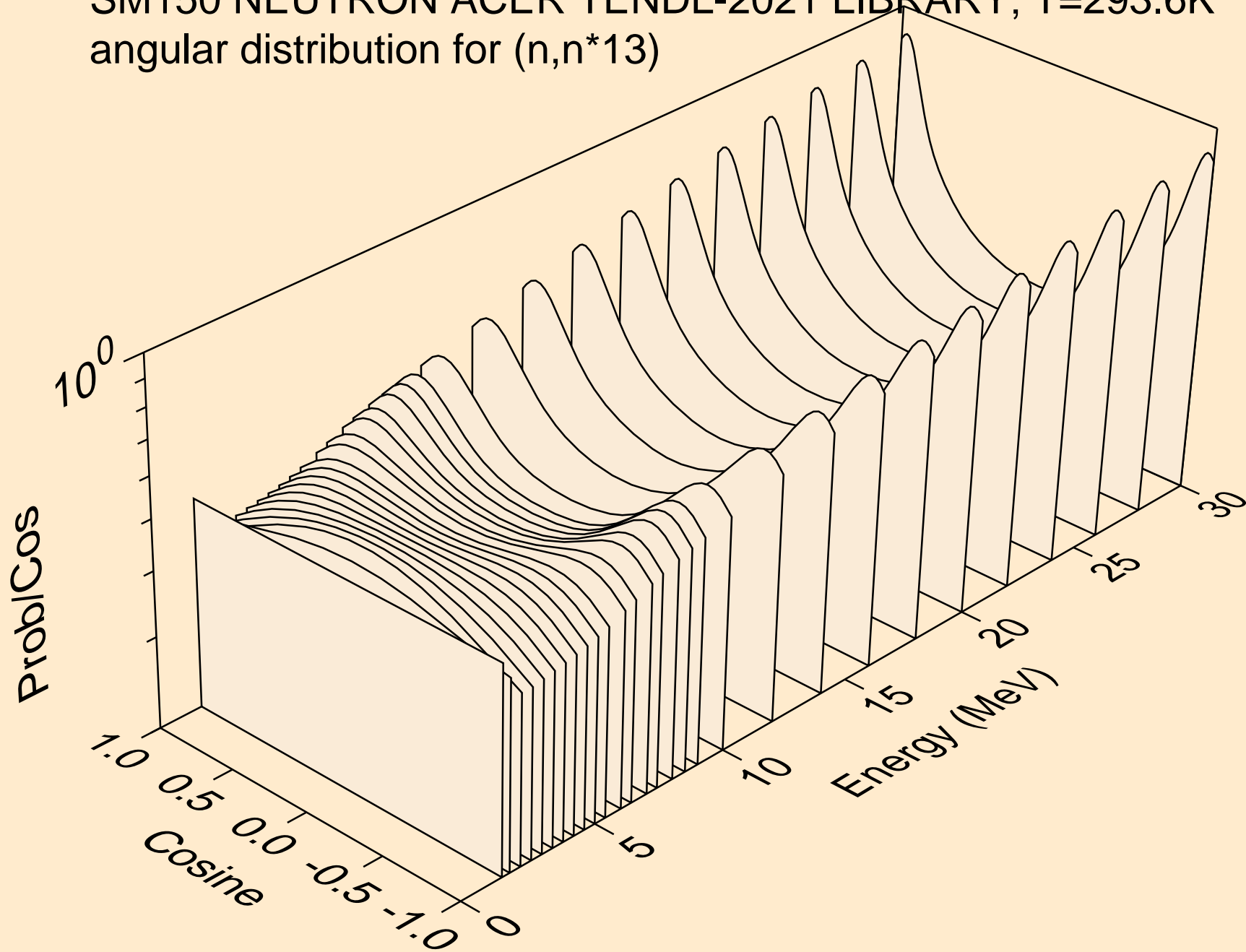
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angular distribution for (n,n\*11)



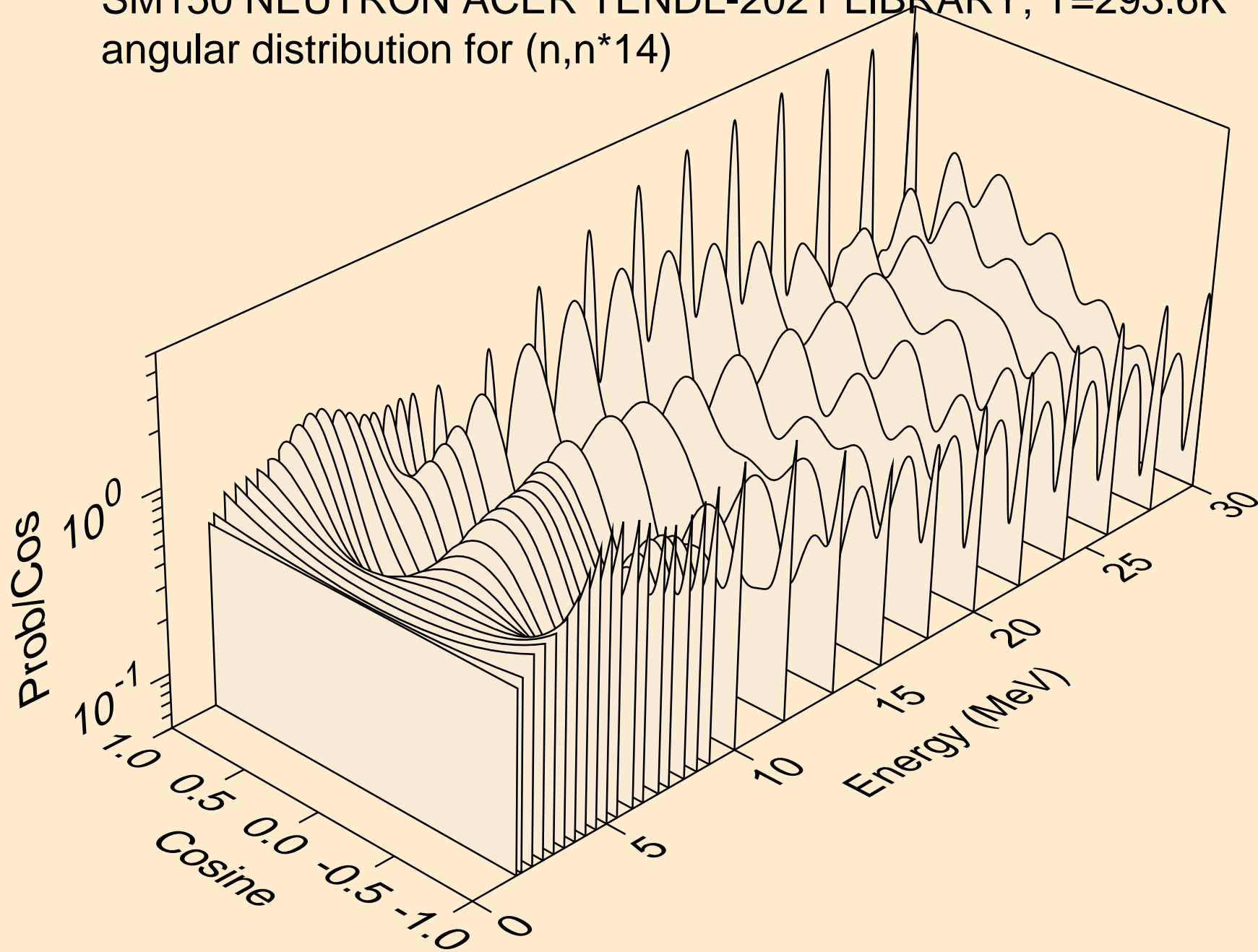
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



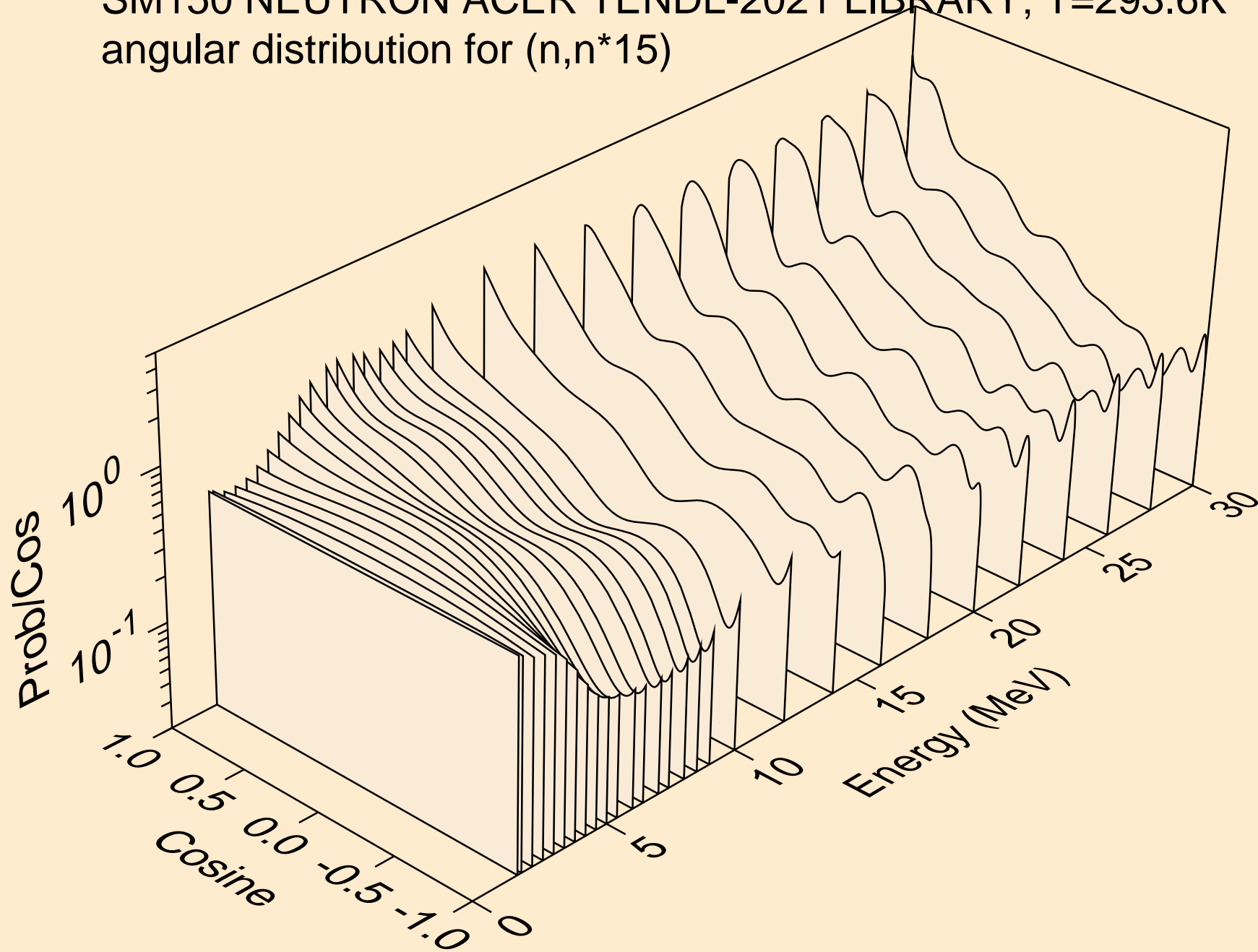
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angular distribution for (n,n\*13)



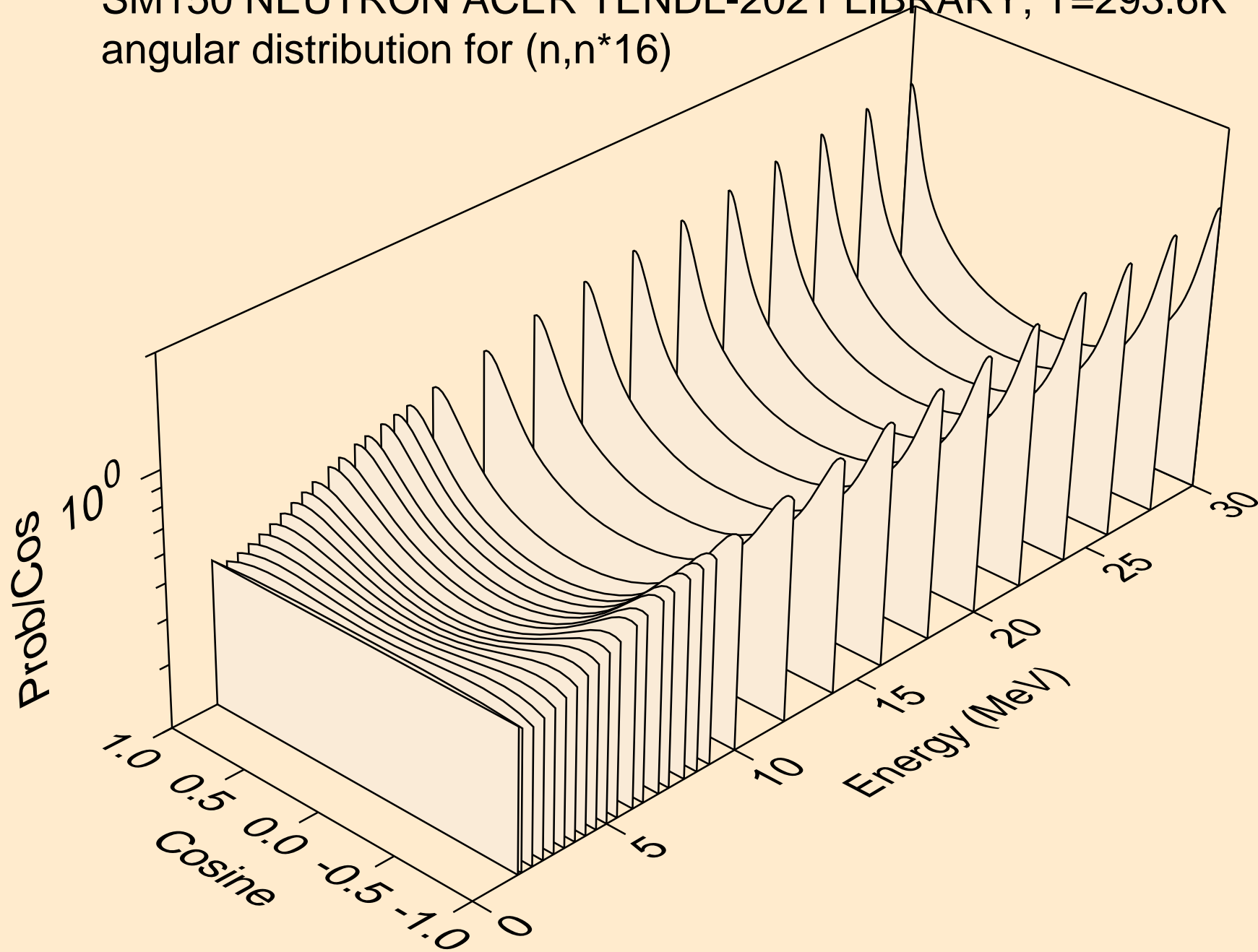
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angular distribution for (n,n\*14)



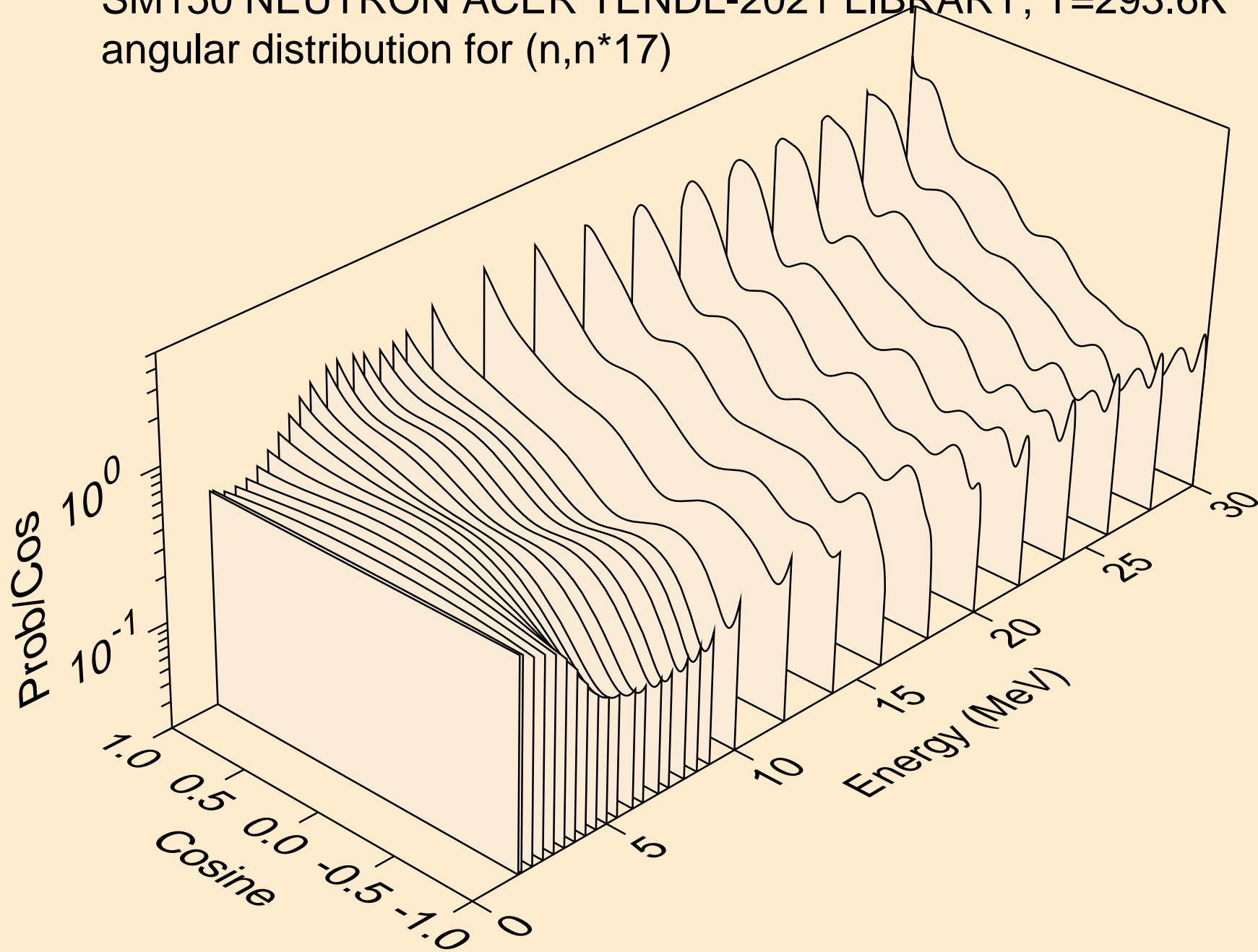
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

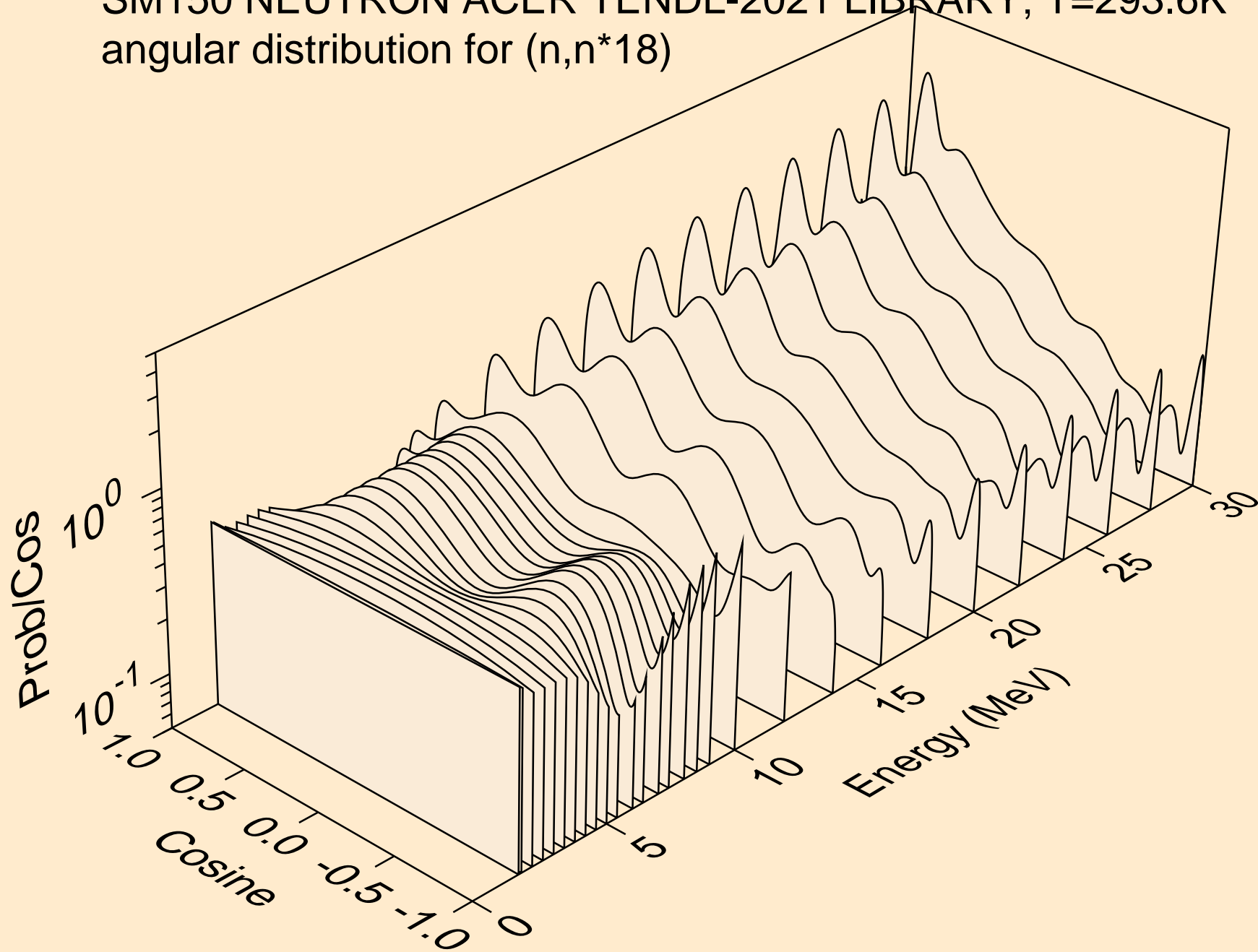


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

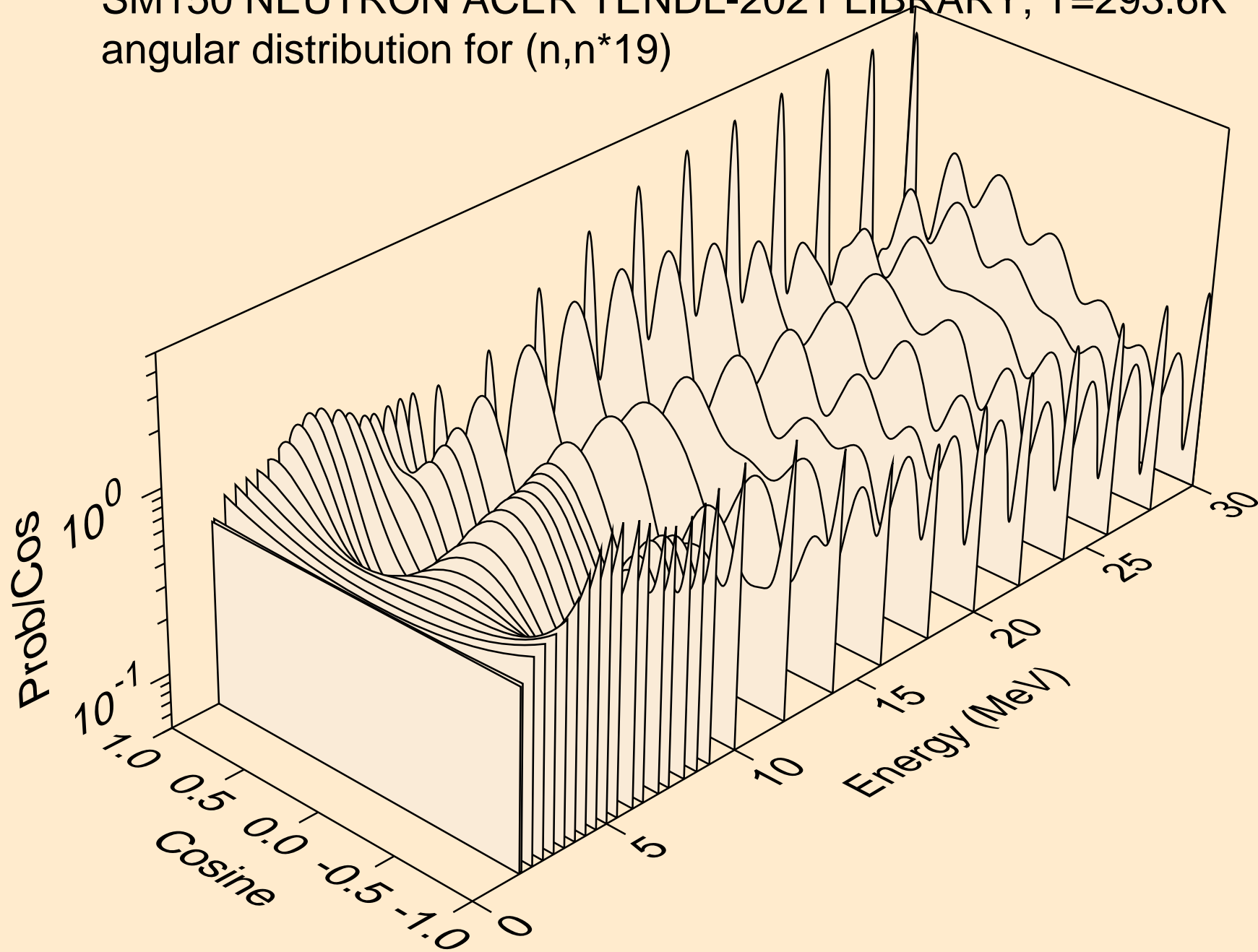




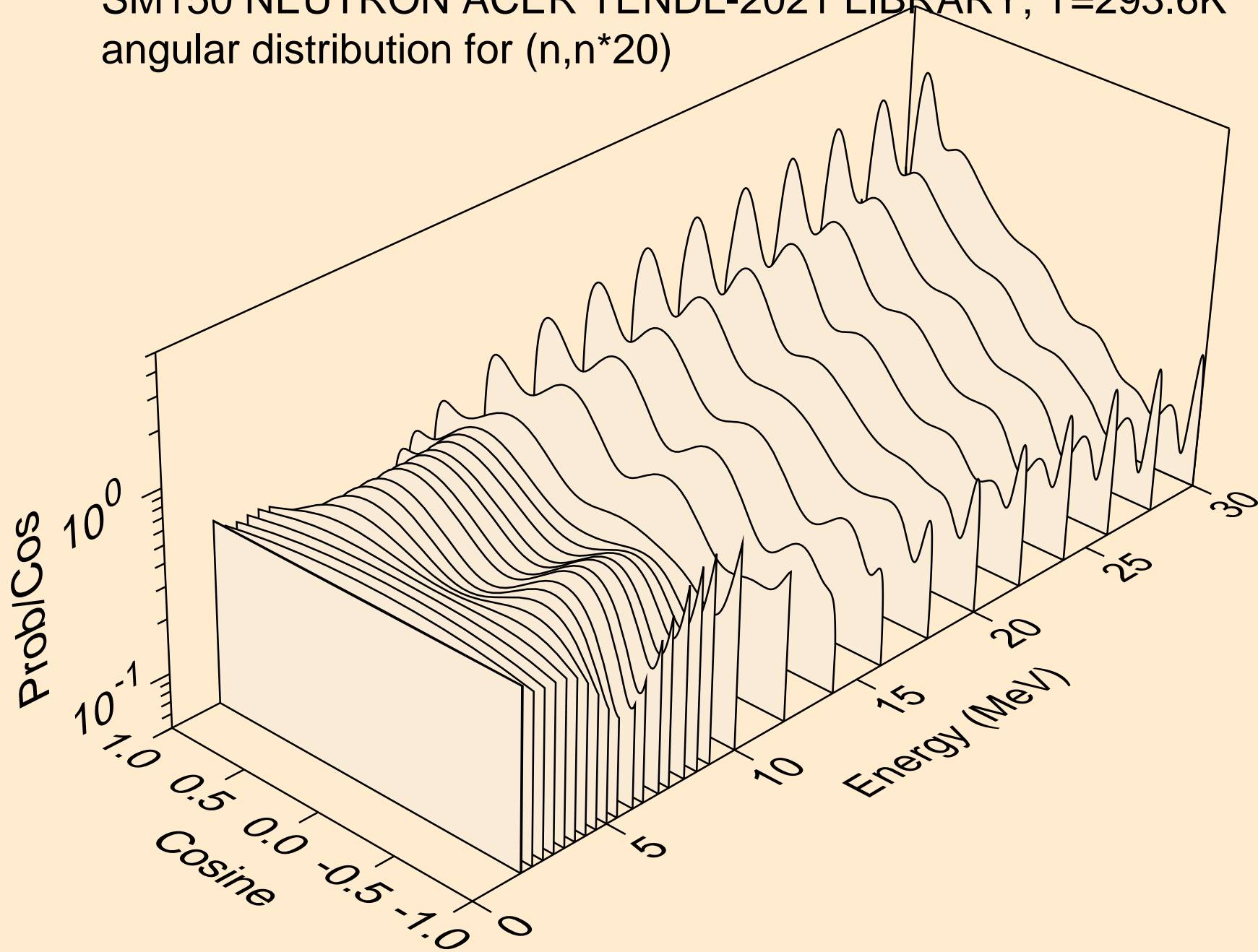
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angular distribution for (n,n\*18)



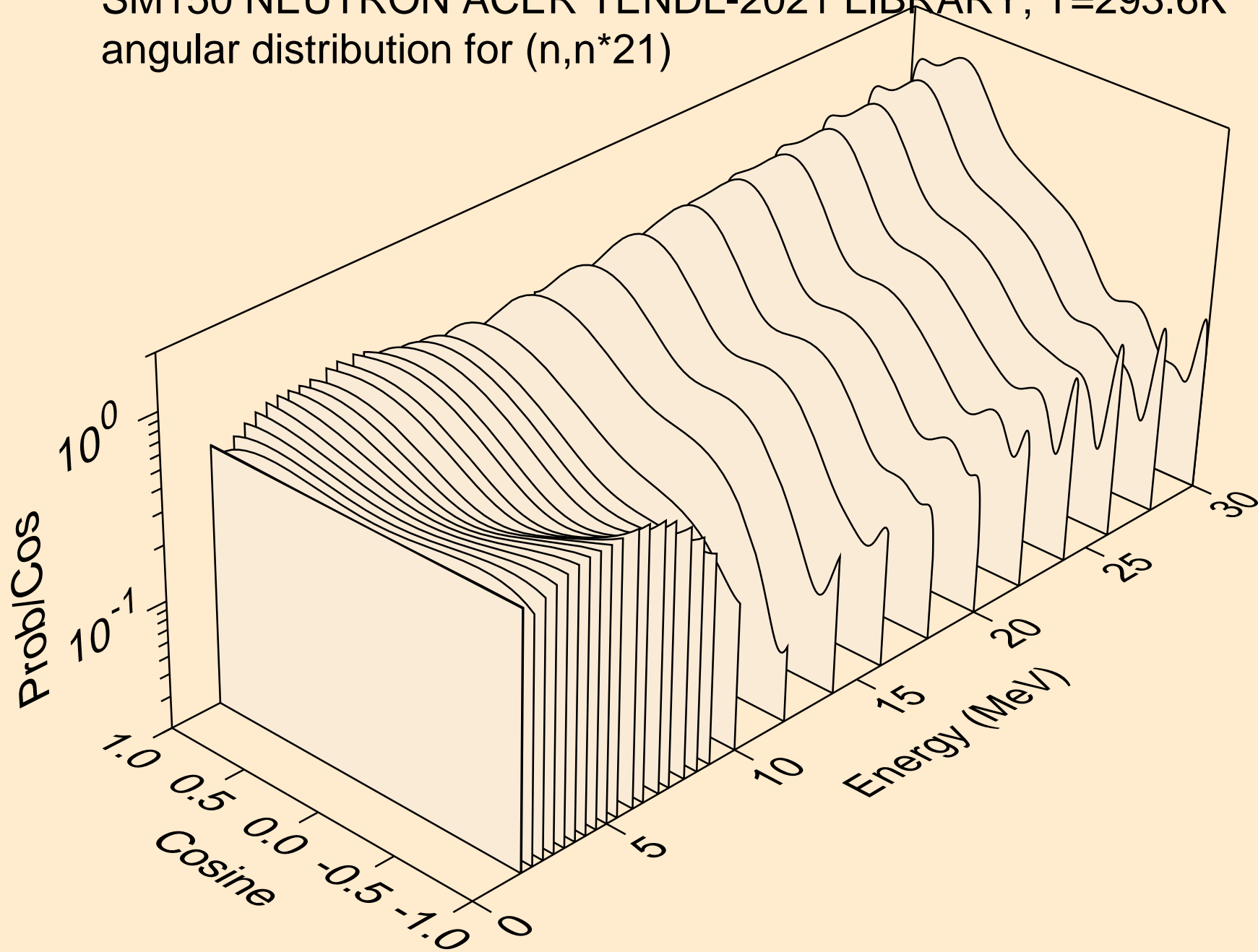
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



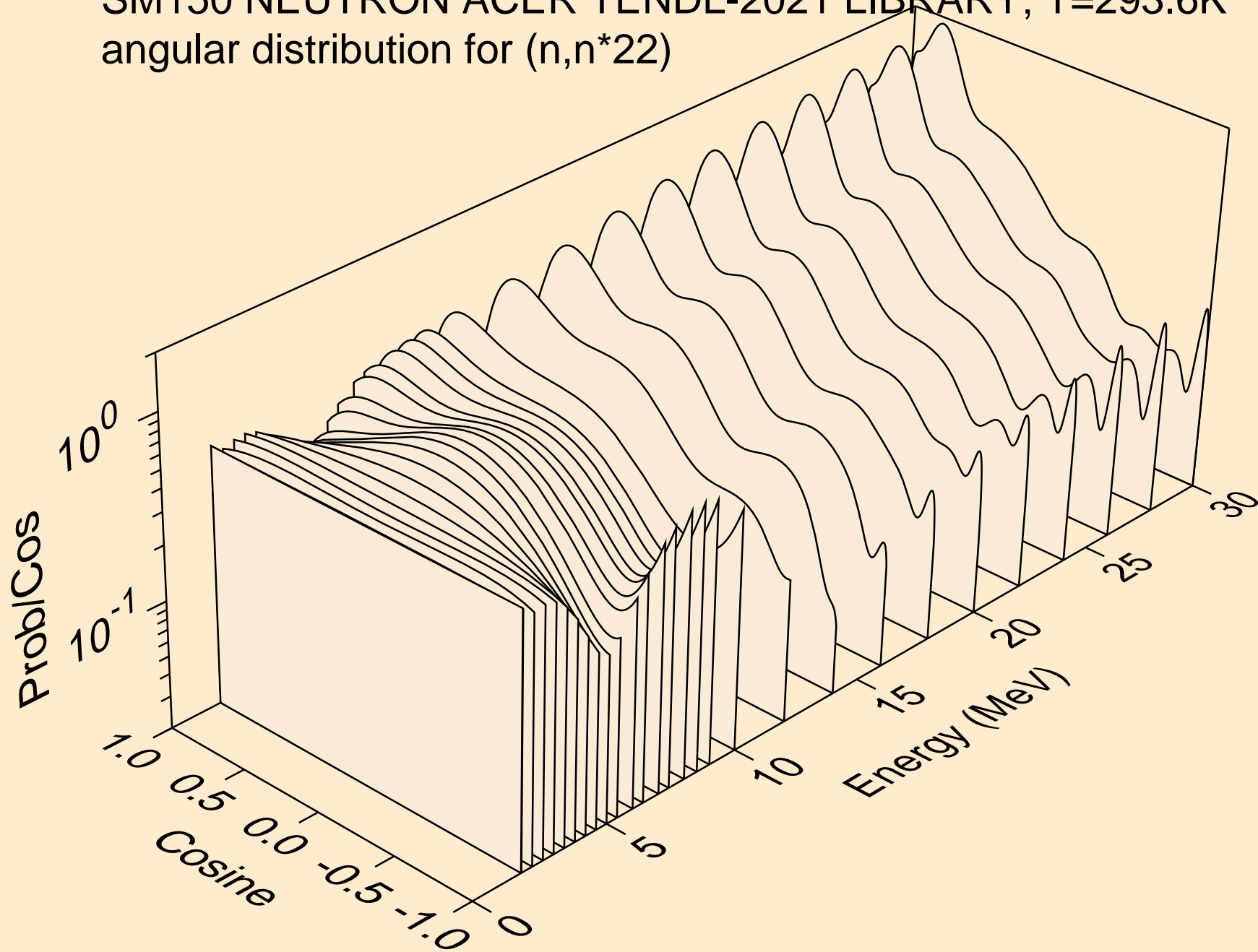
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angular distribution for (n,n\*20)



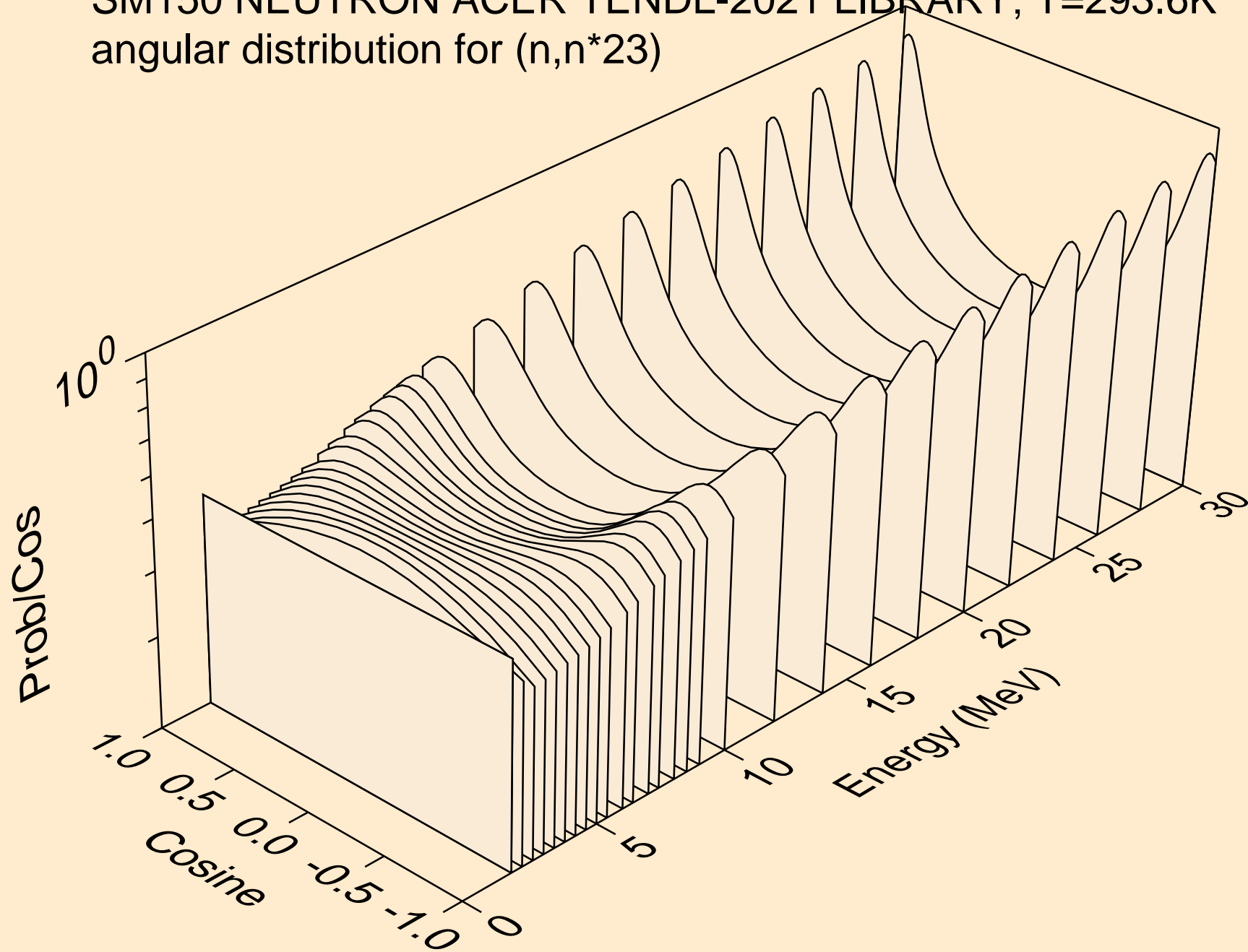
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



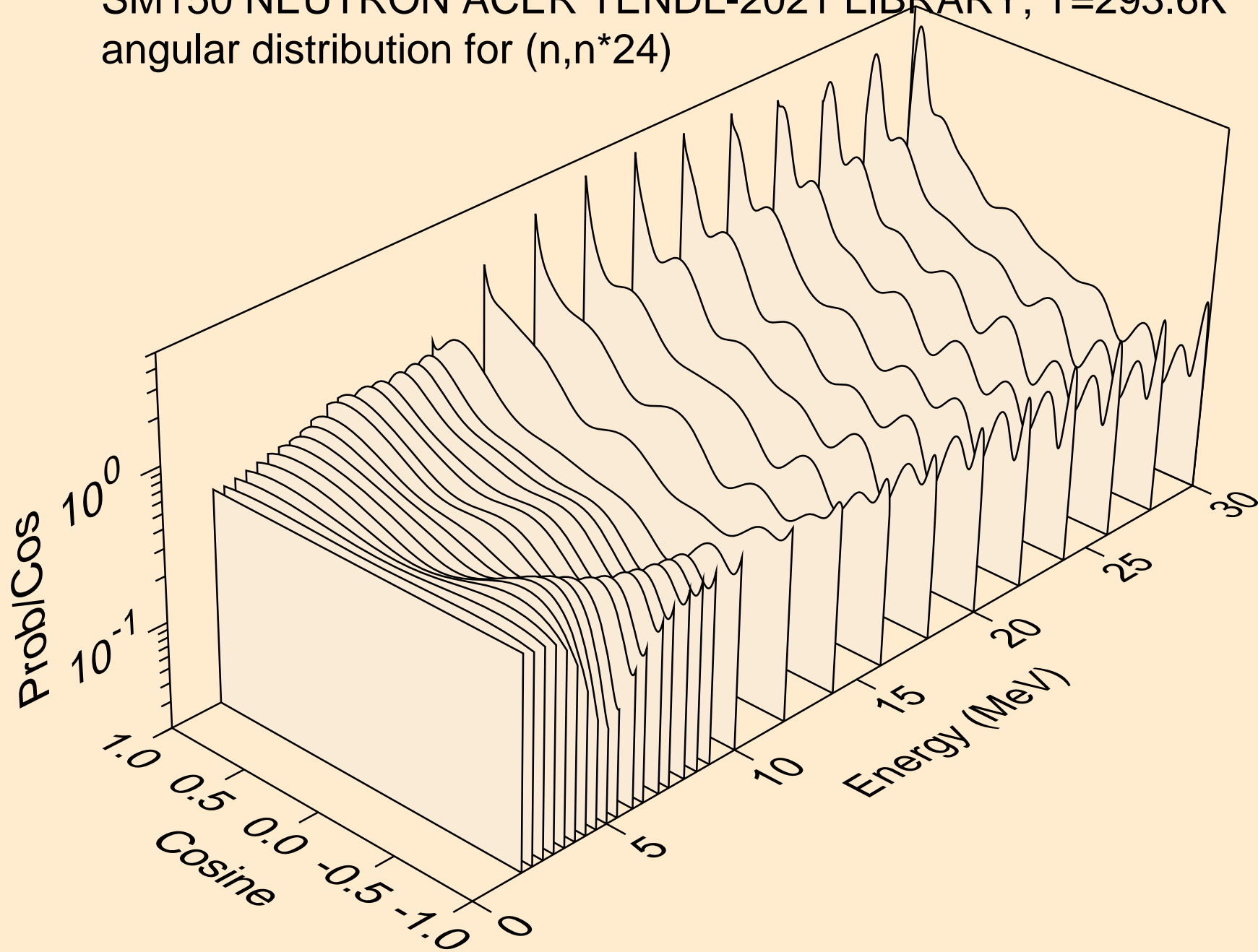
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



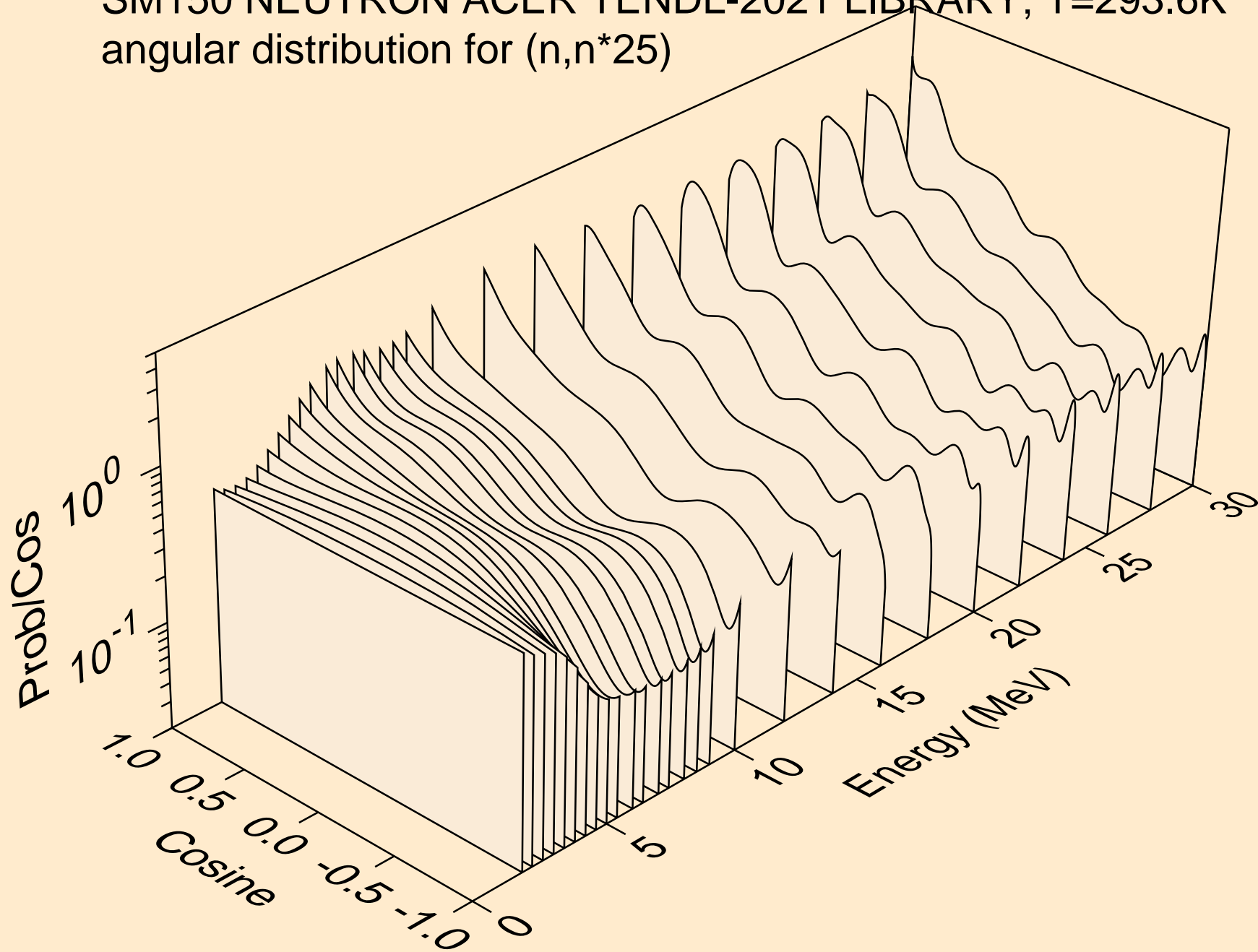
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

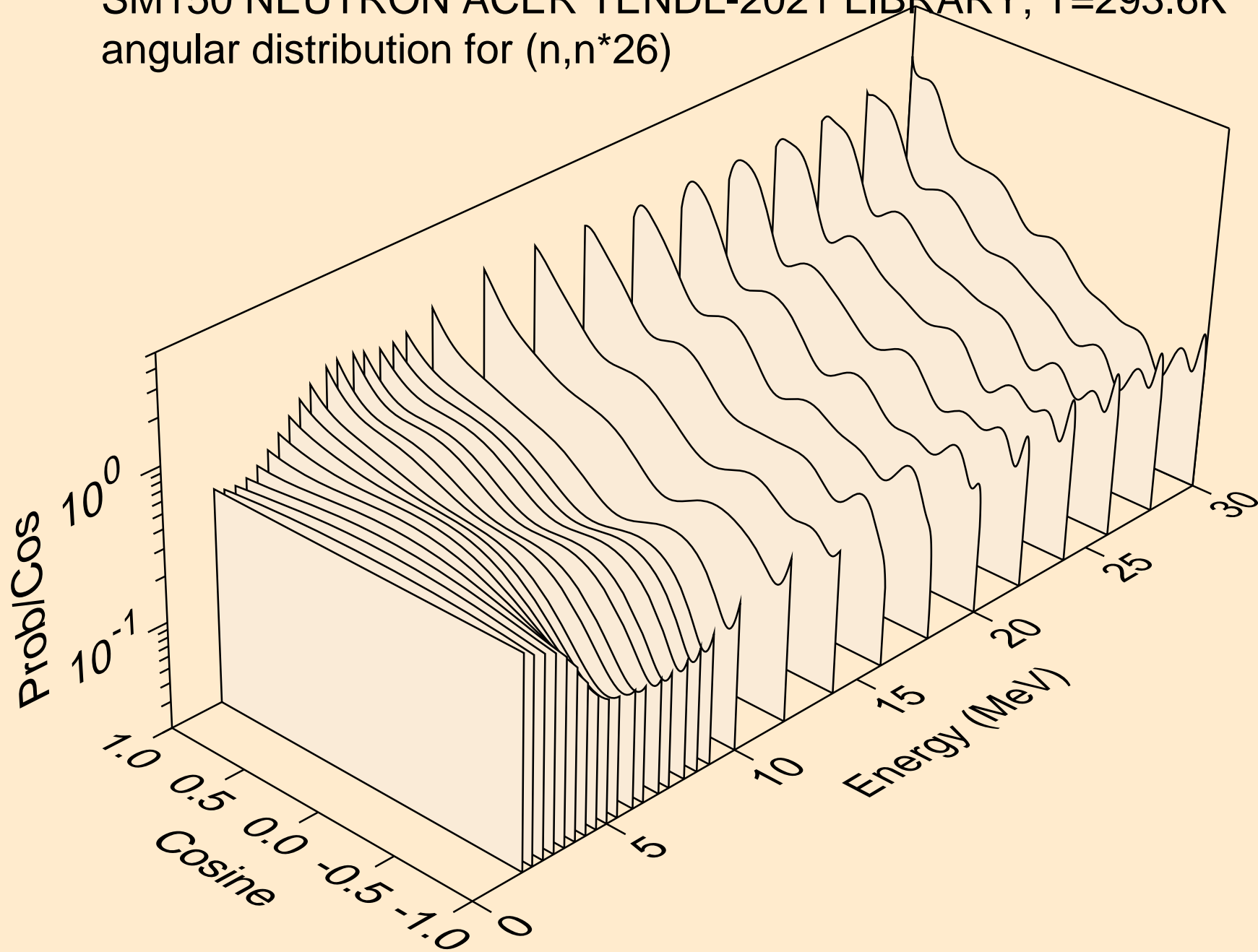


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

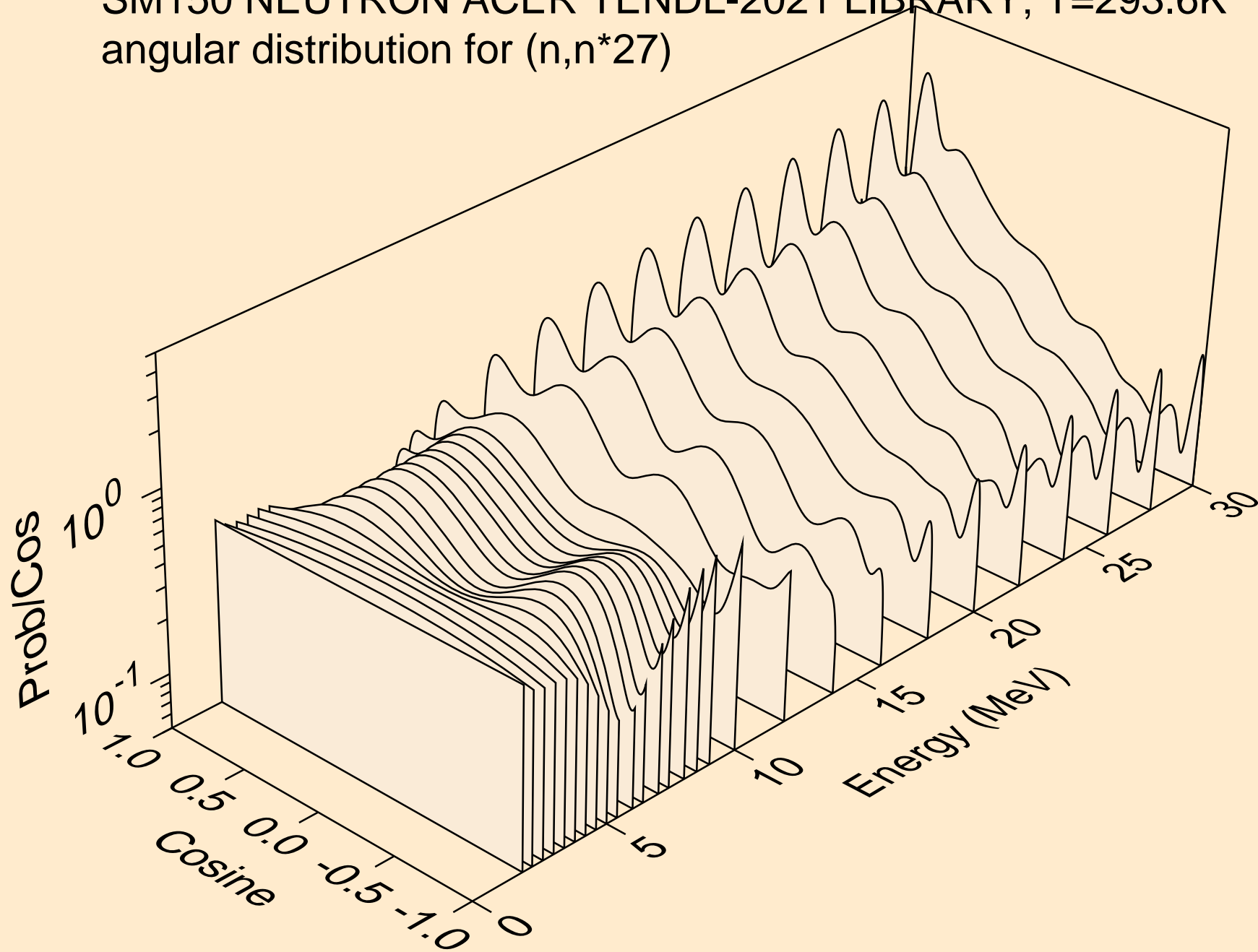




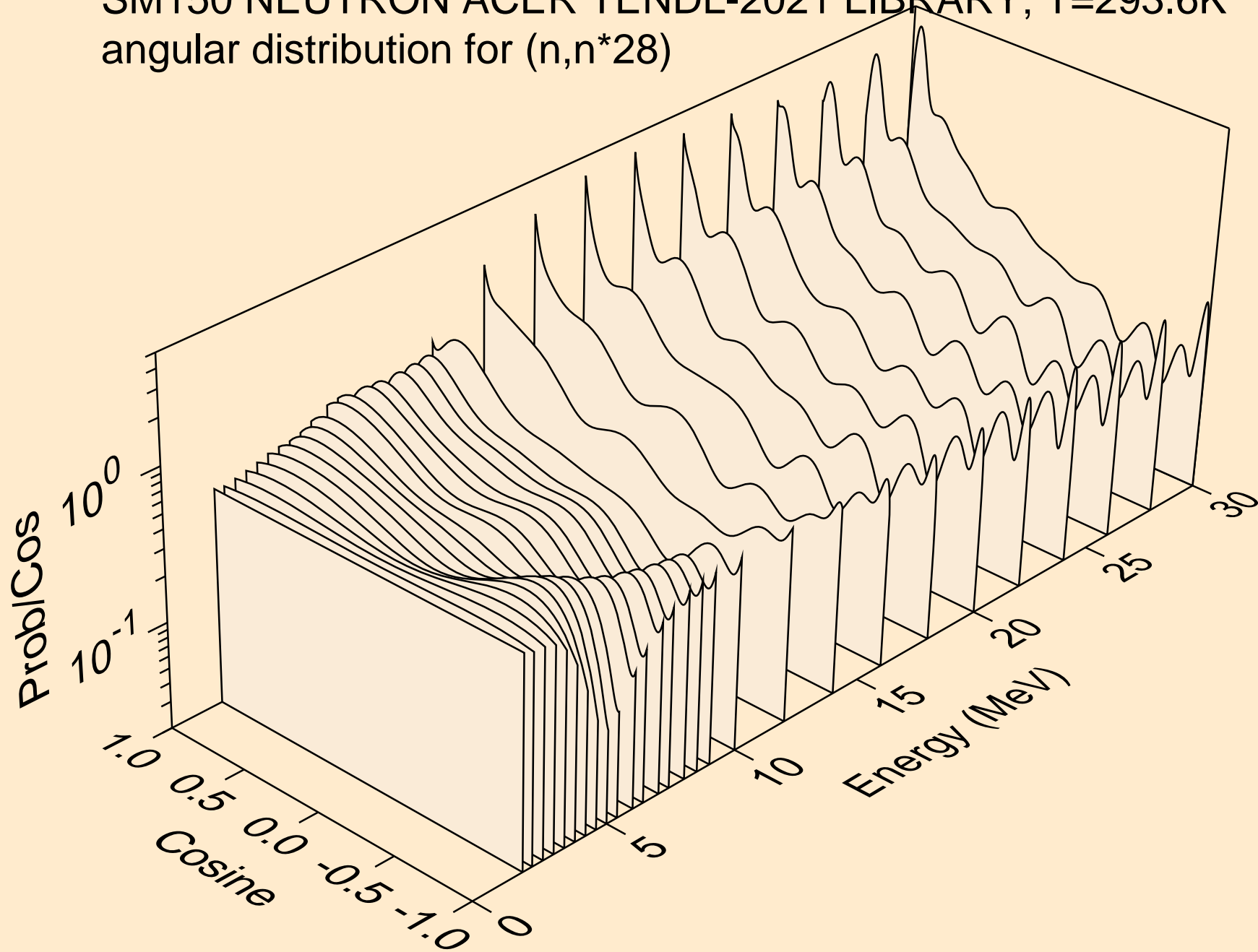
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



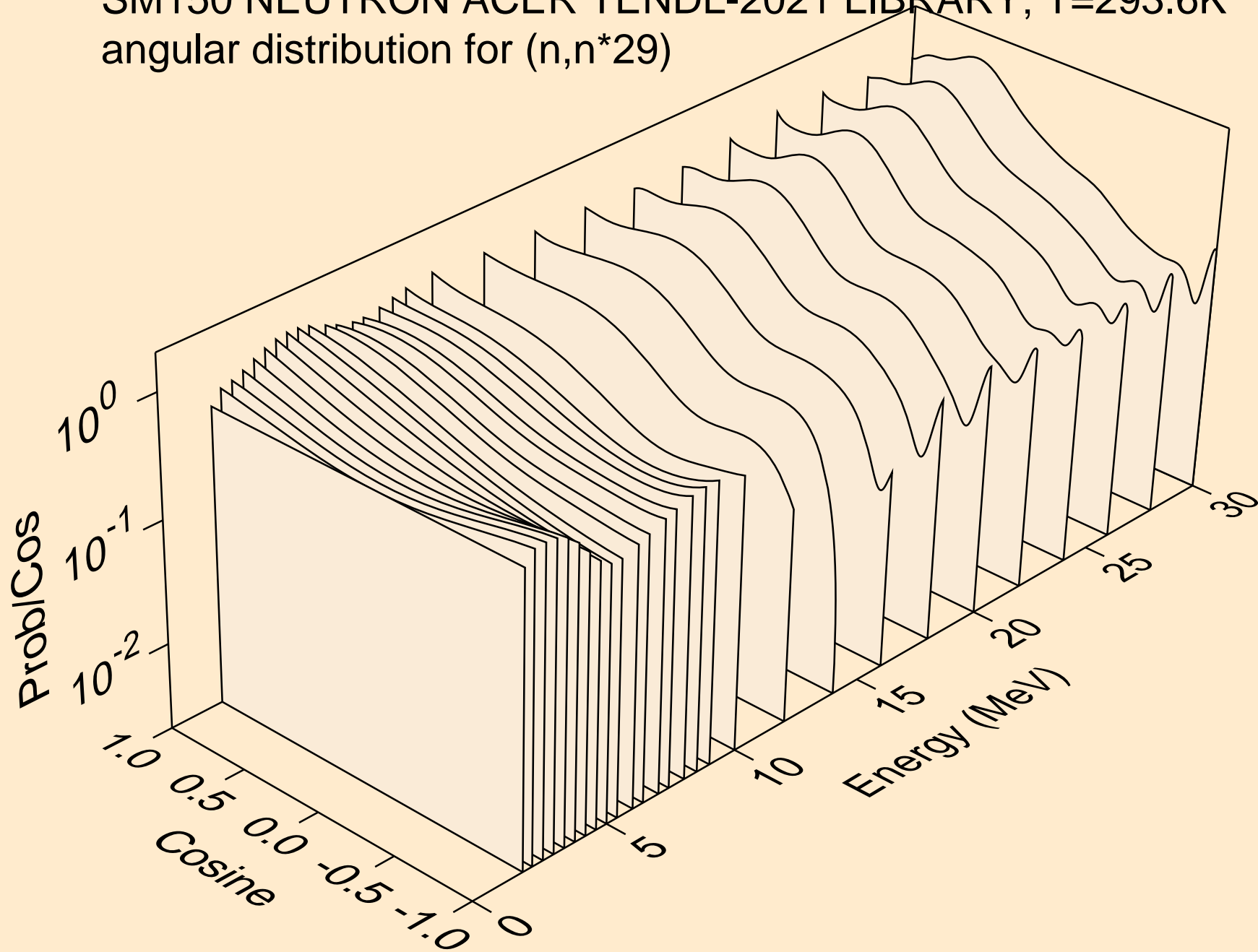
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



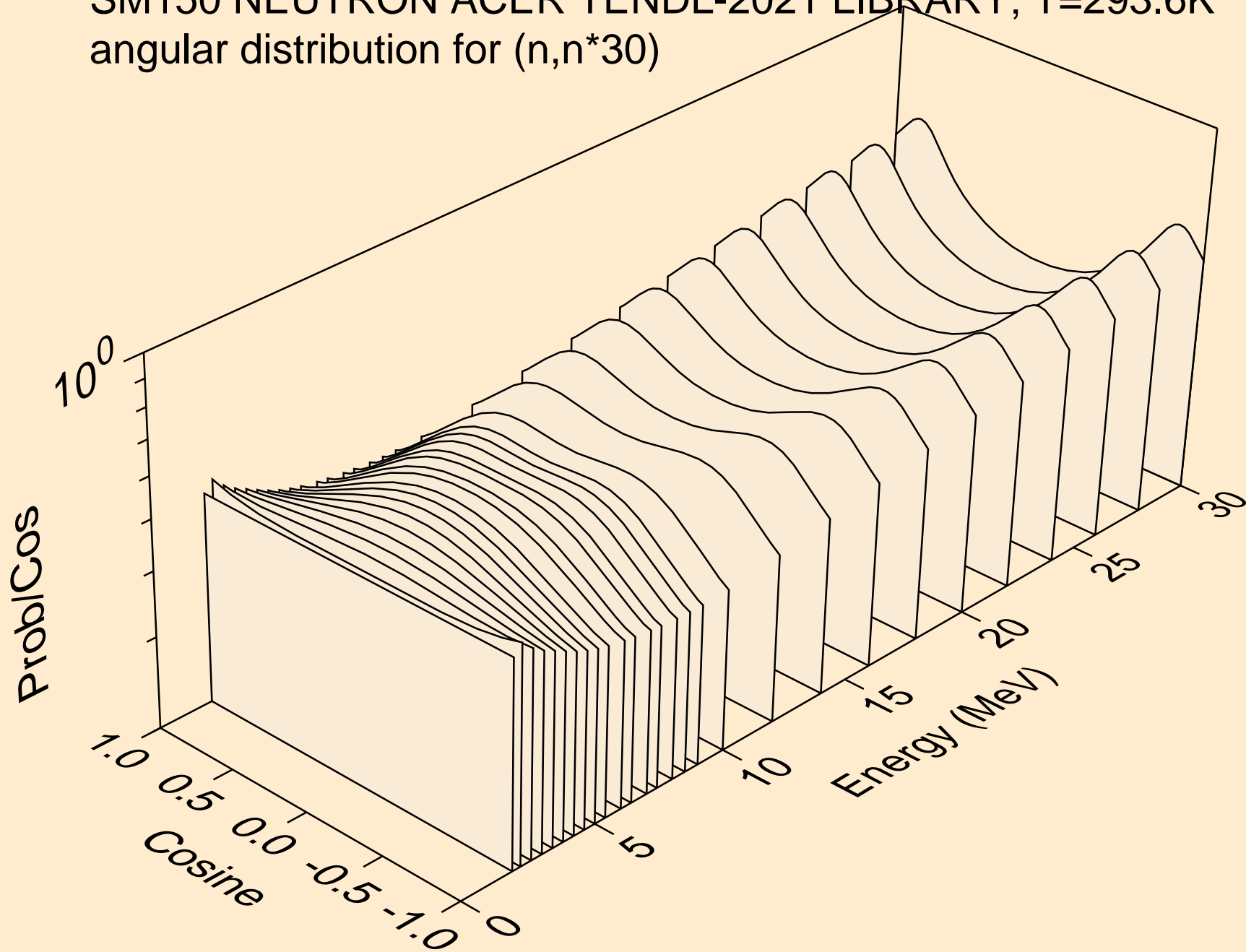
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



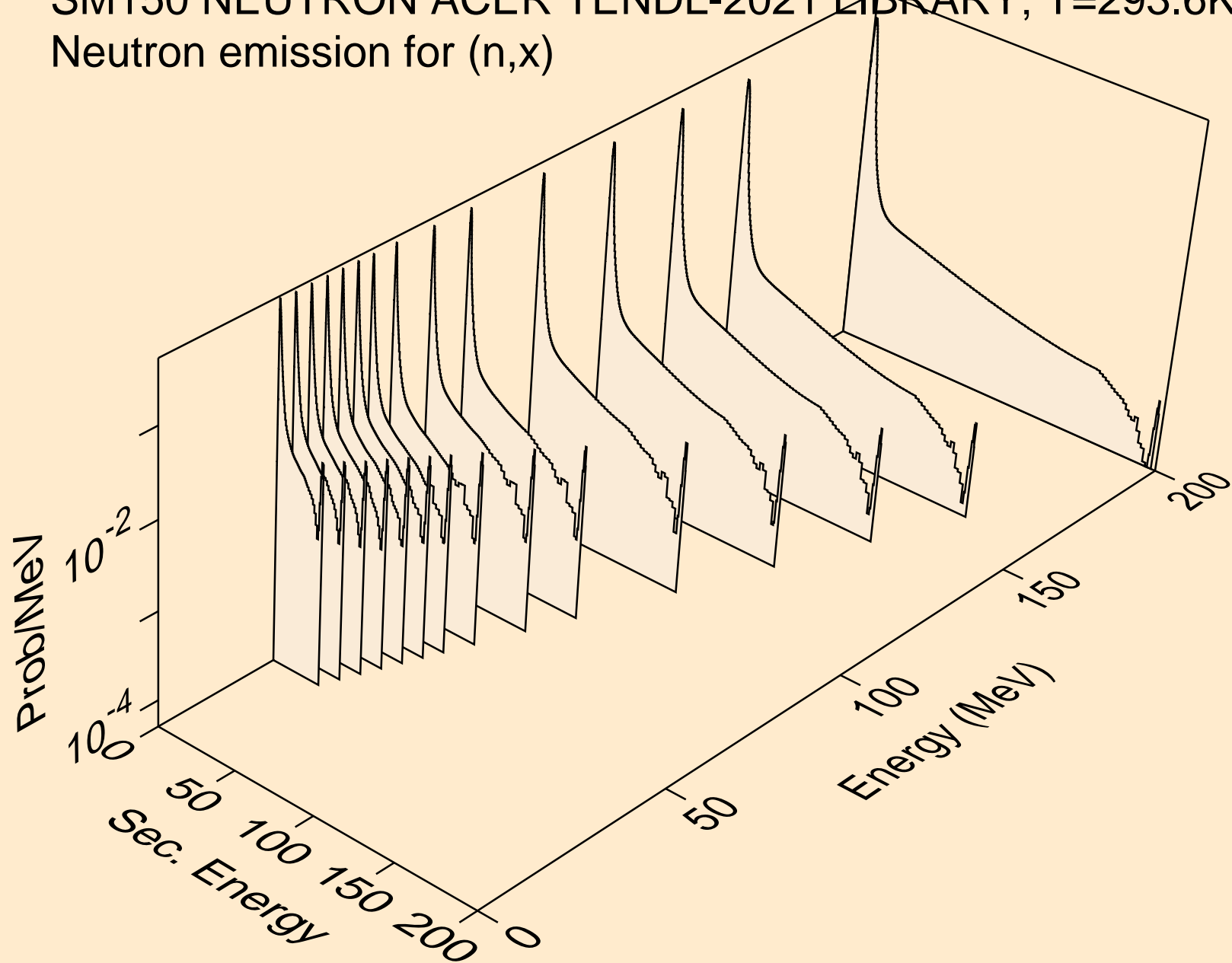
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



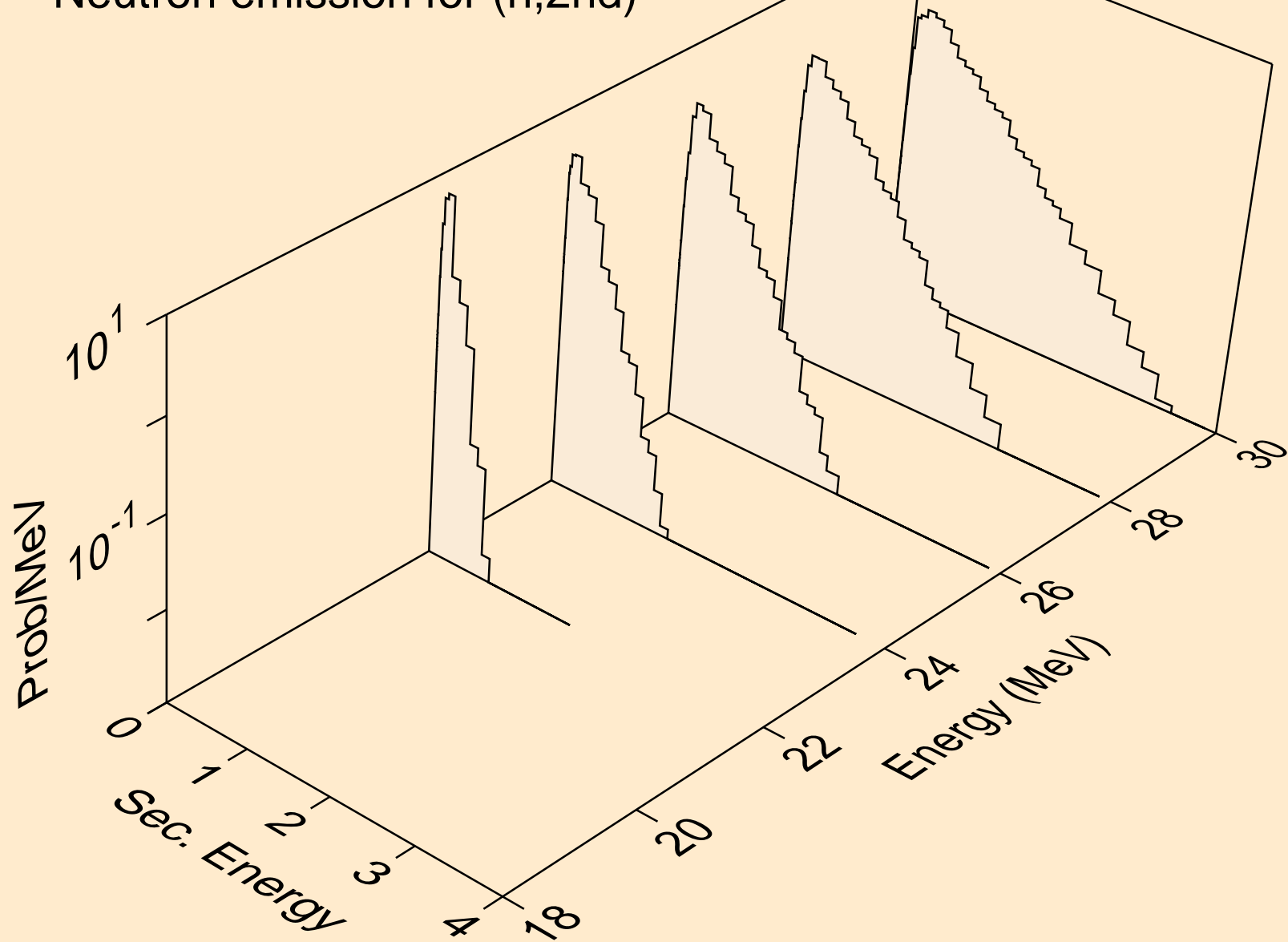
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angular distribution for (n,n\*30)



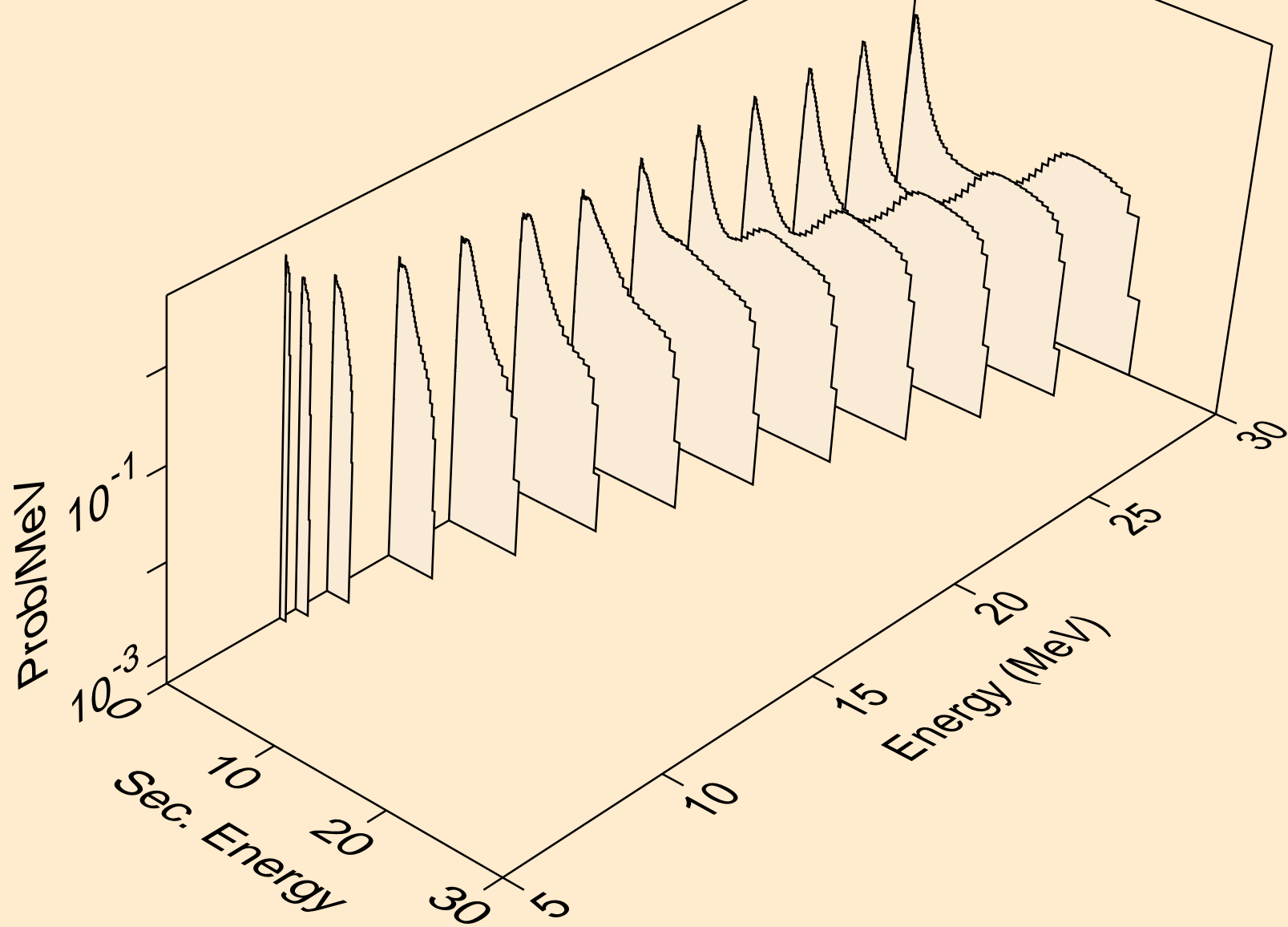
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

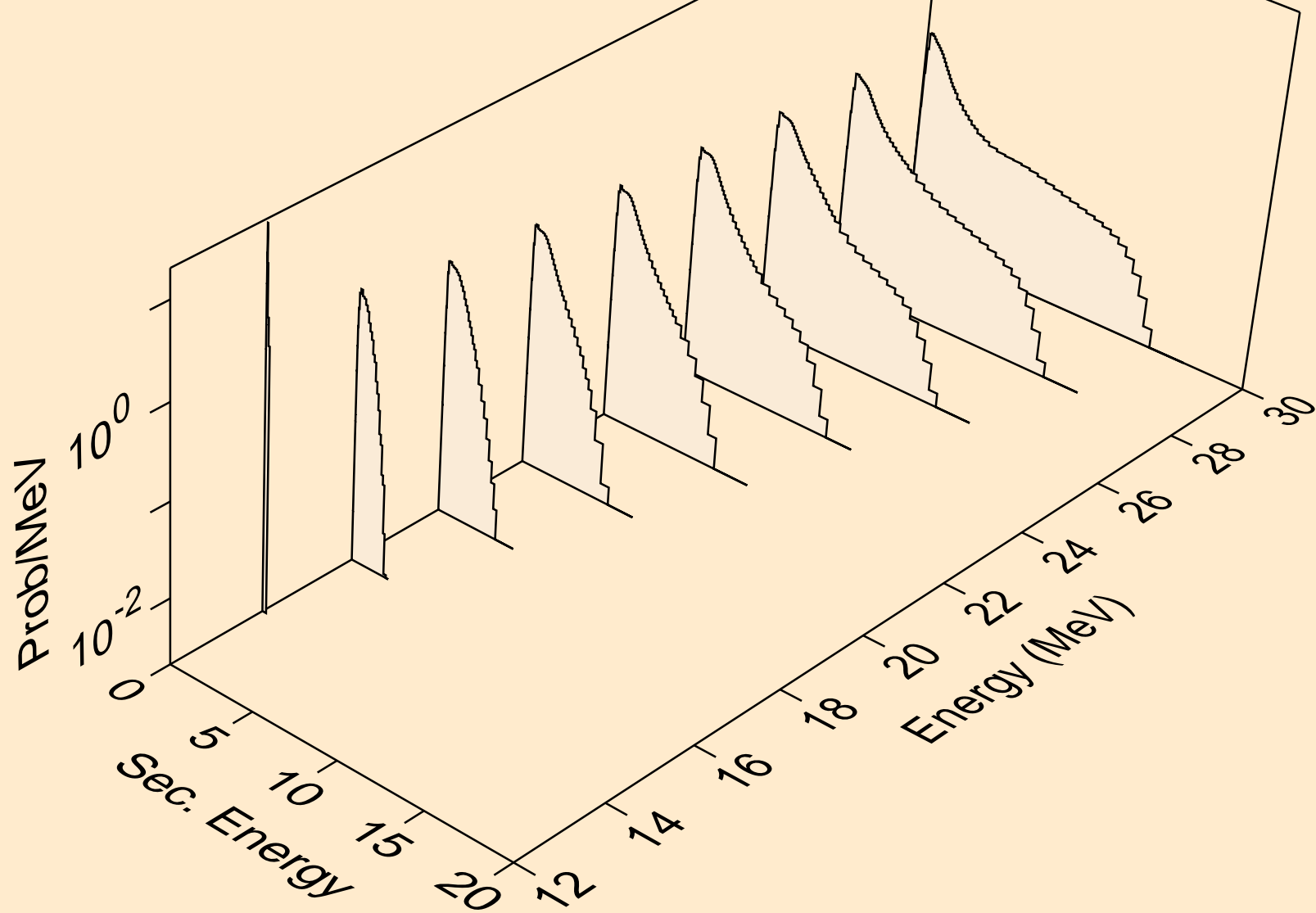


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

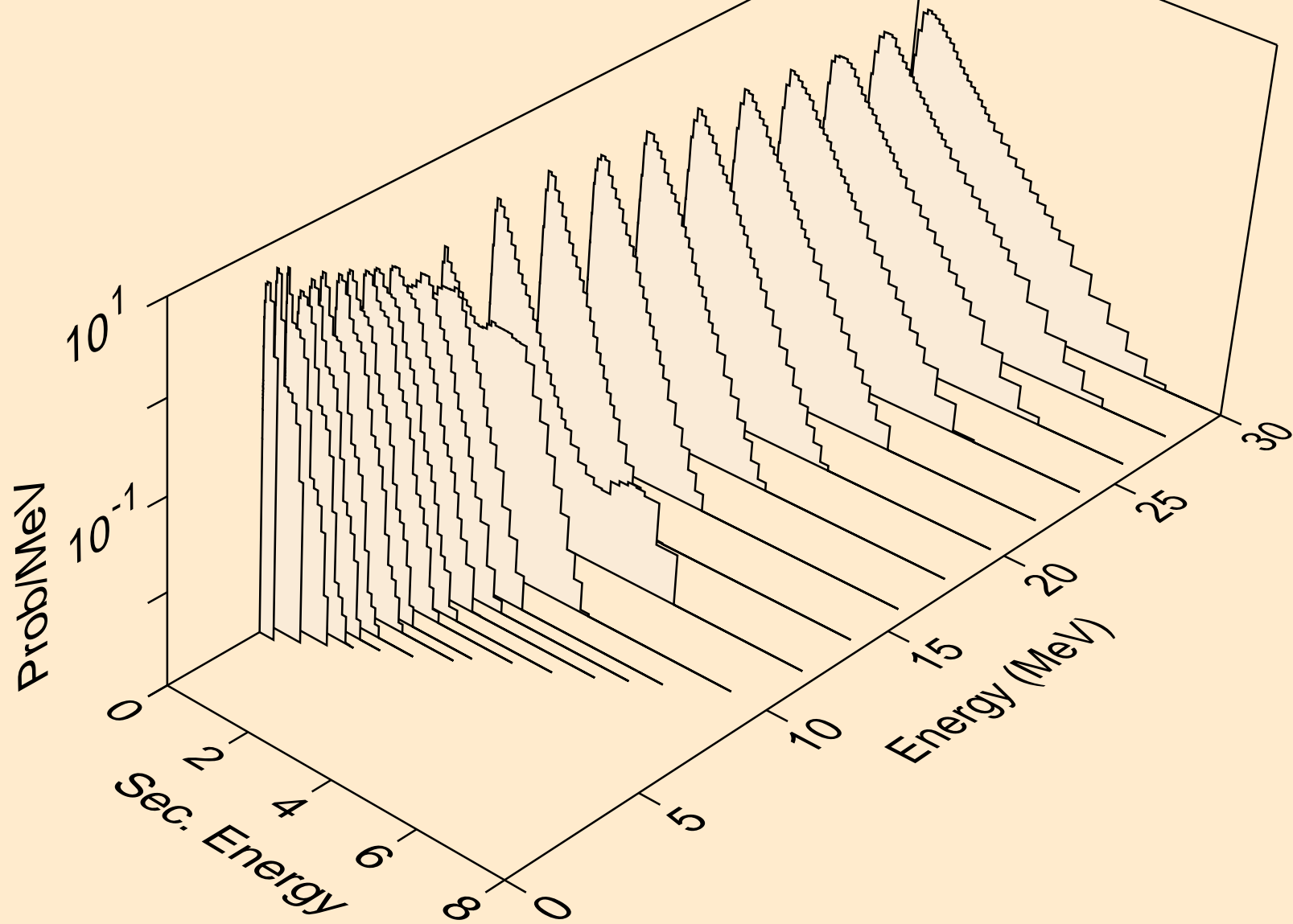




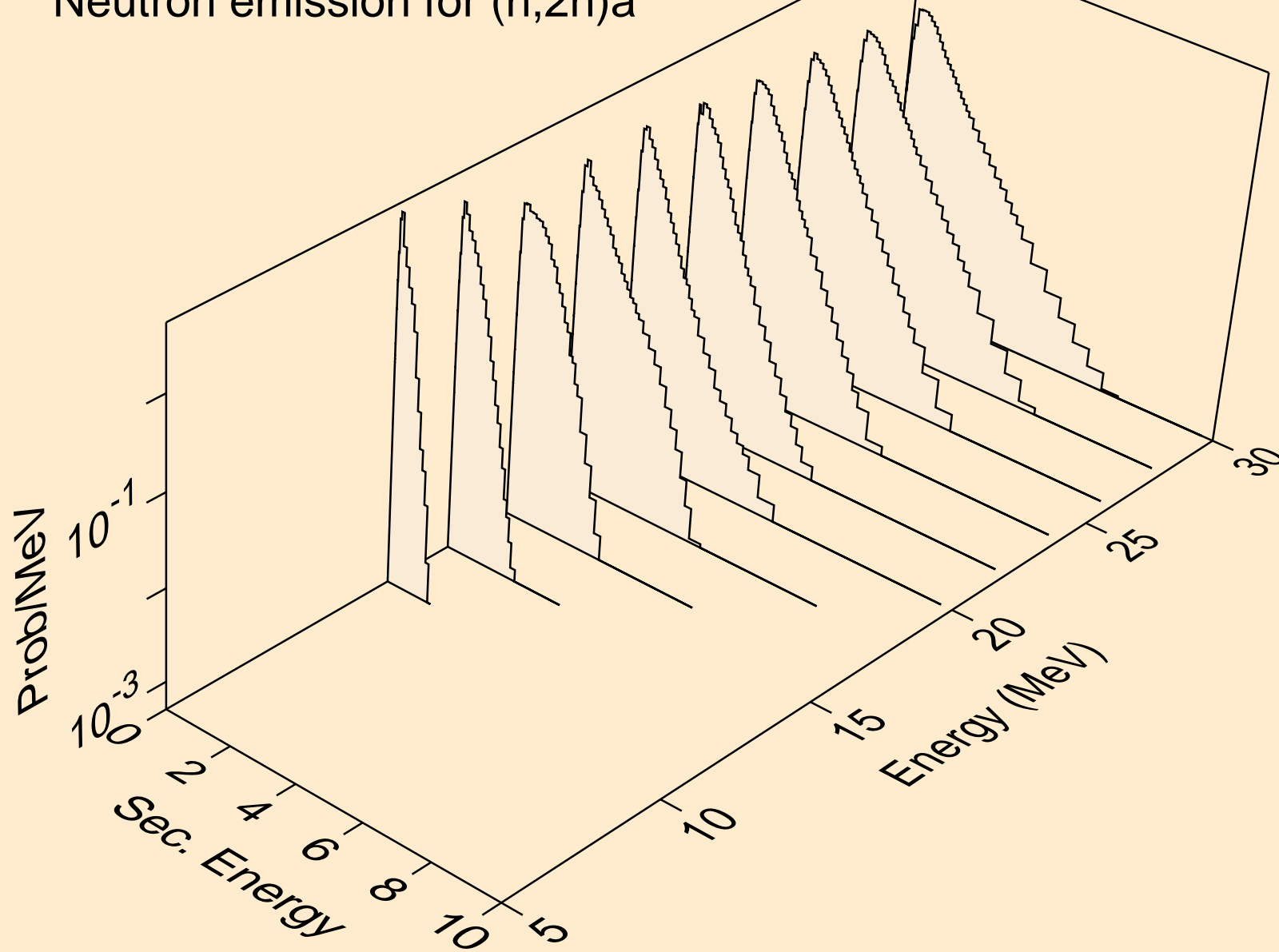
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



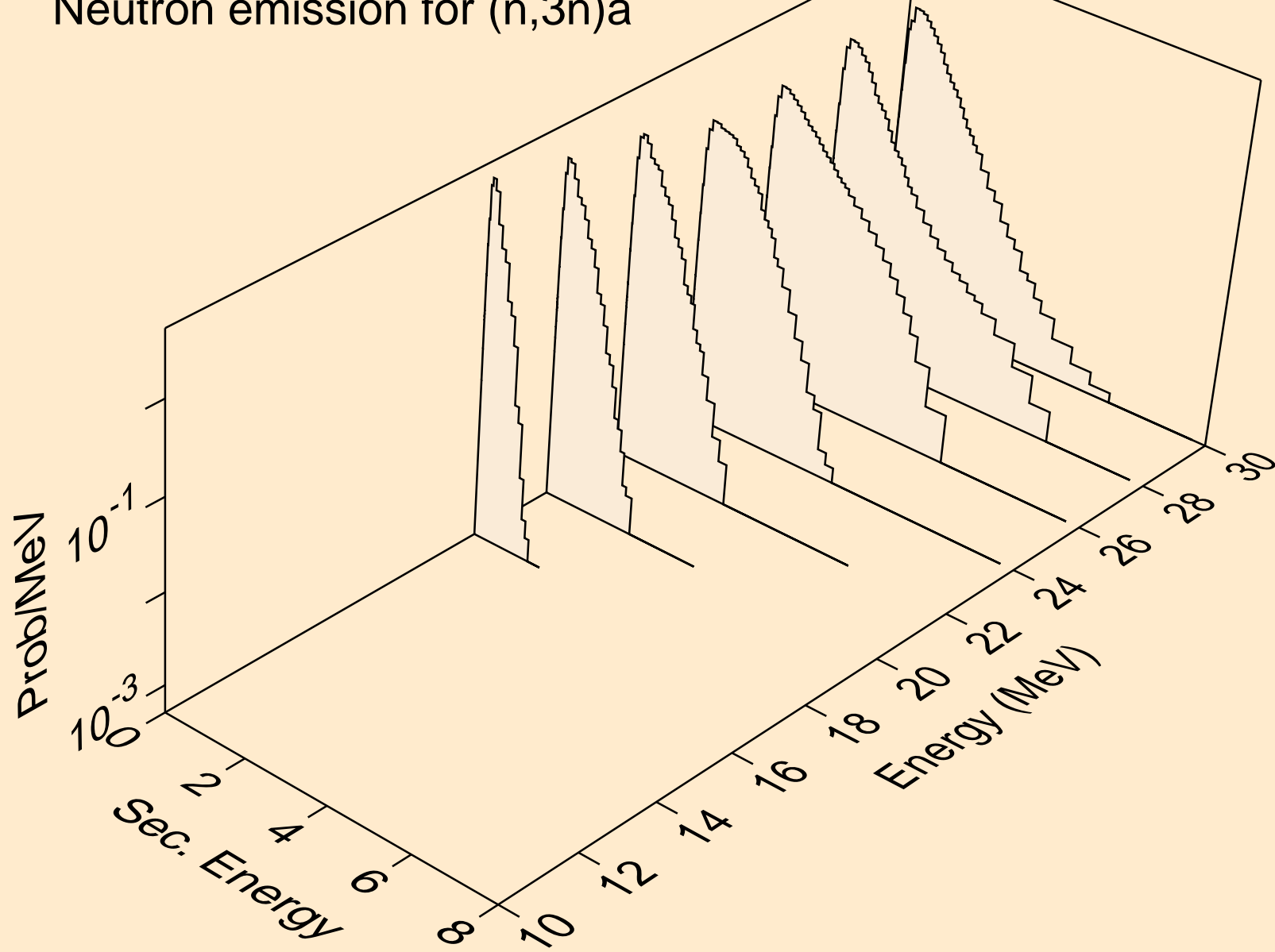
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



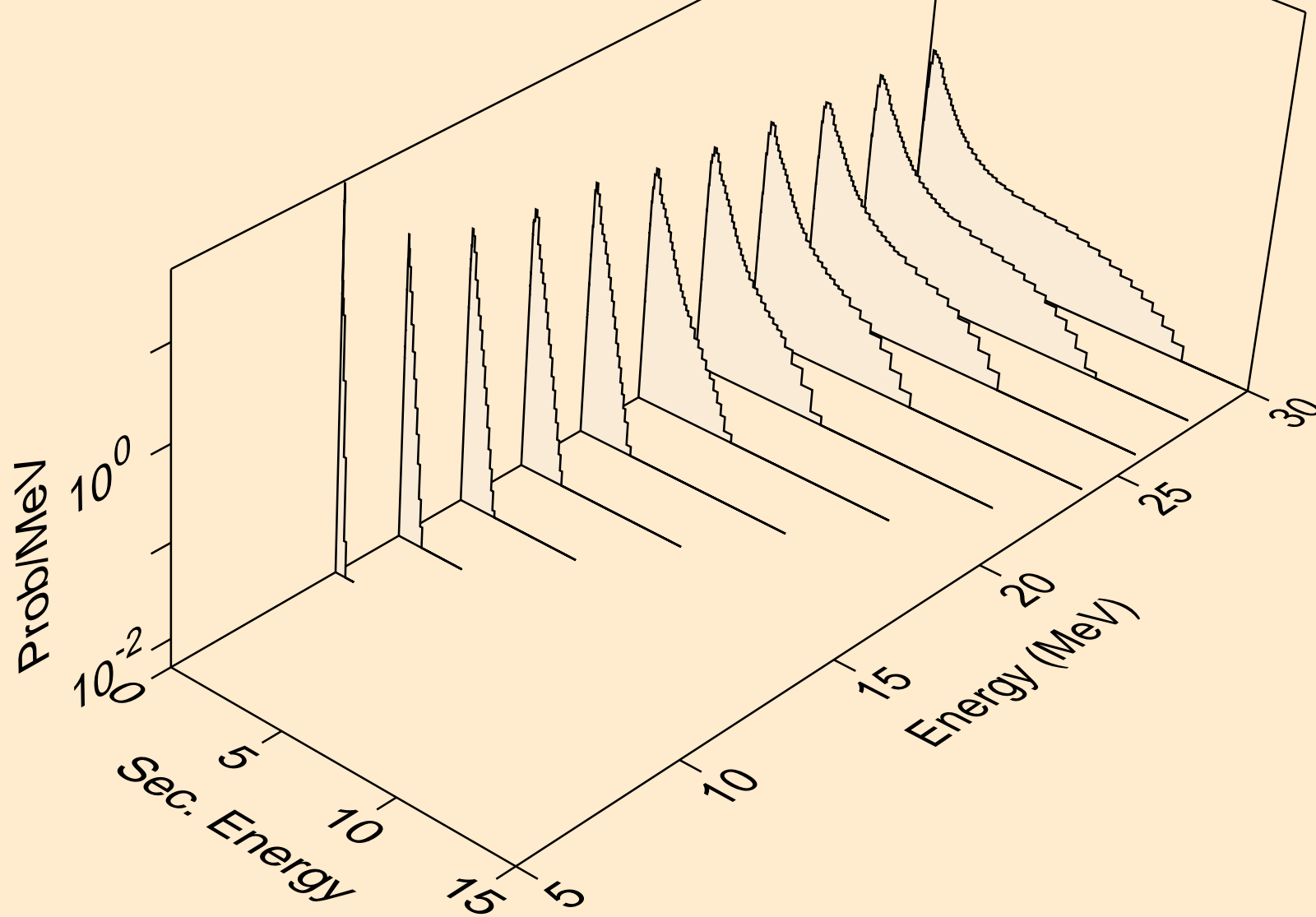
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



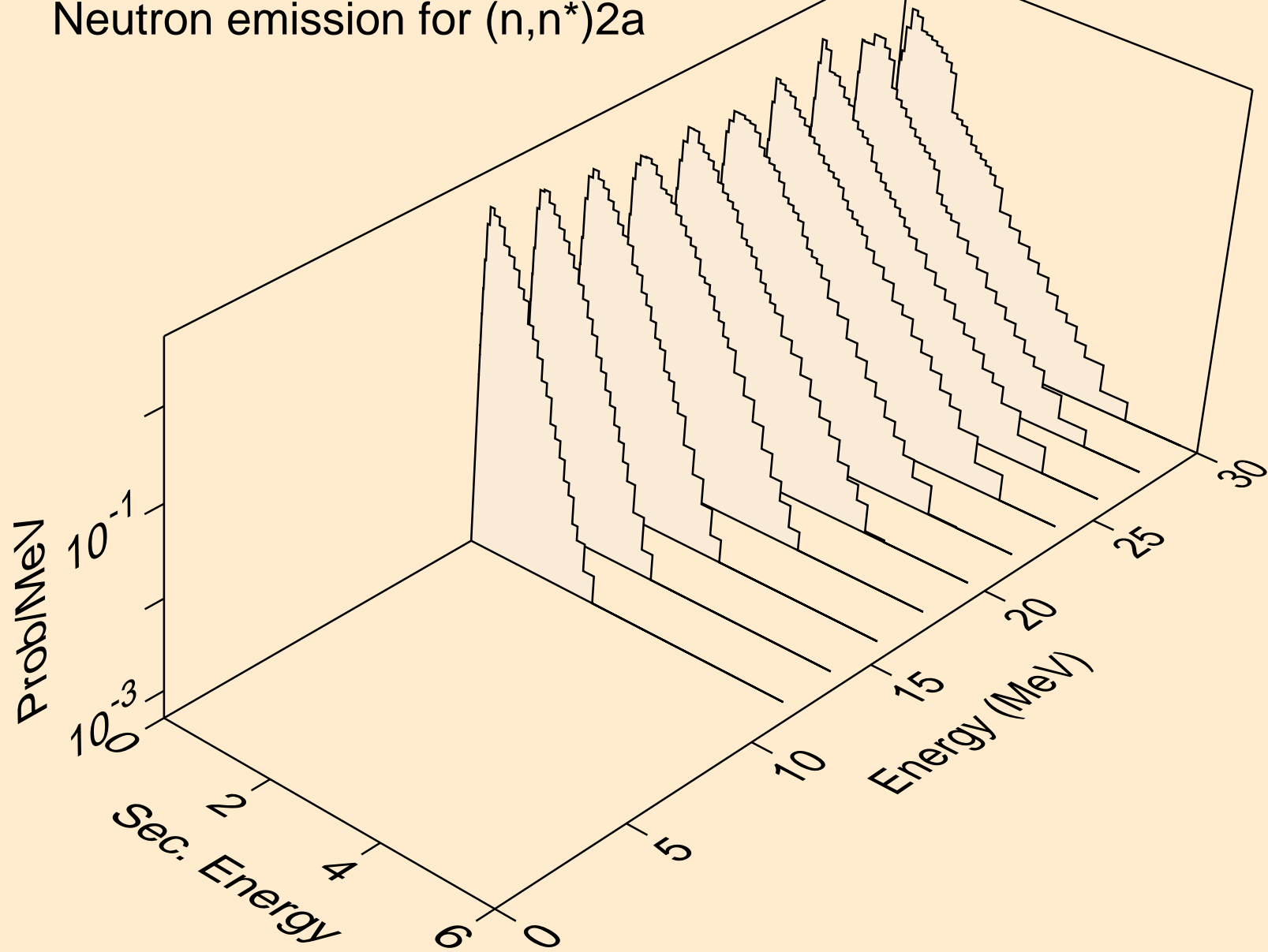
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



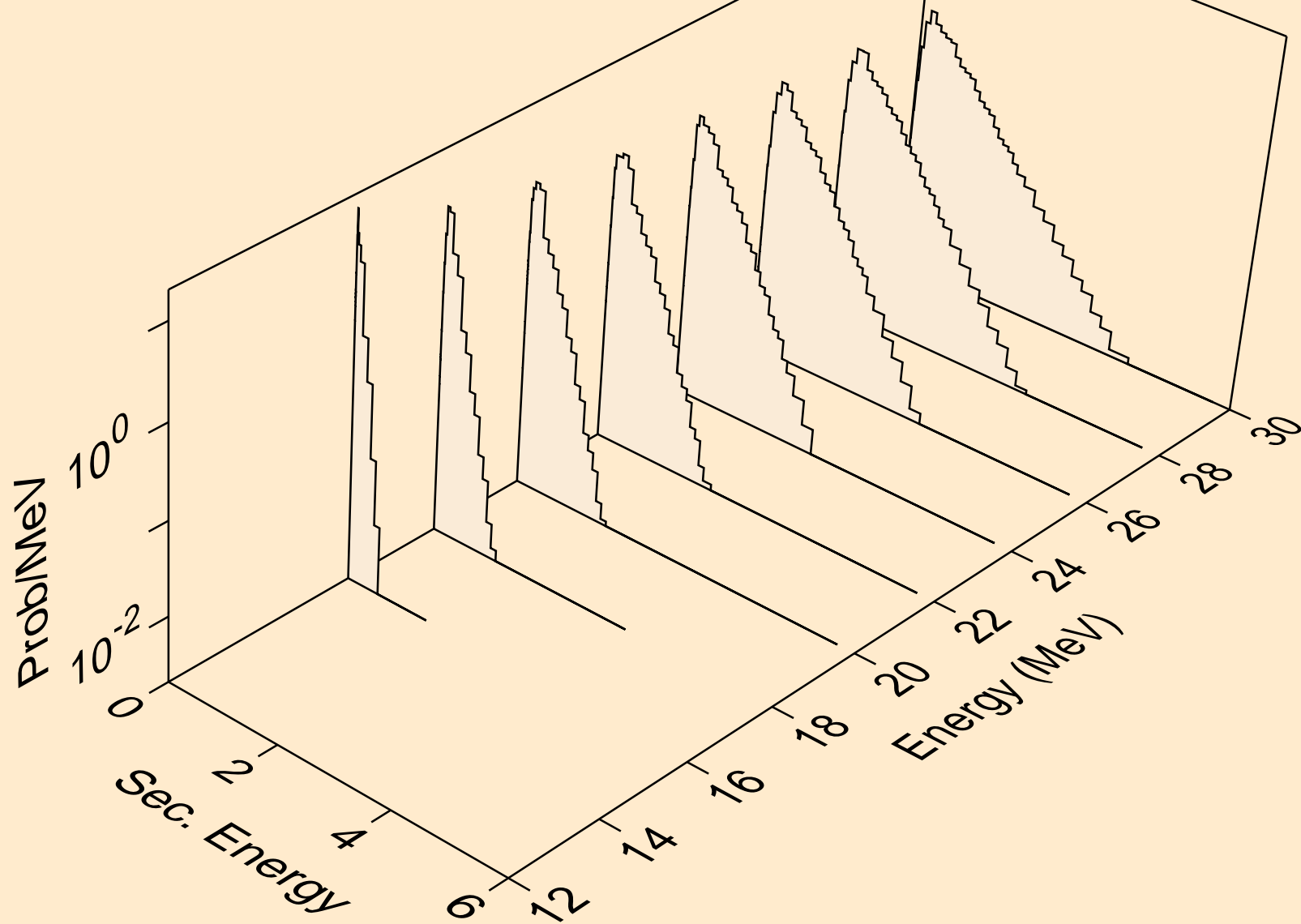
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



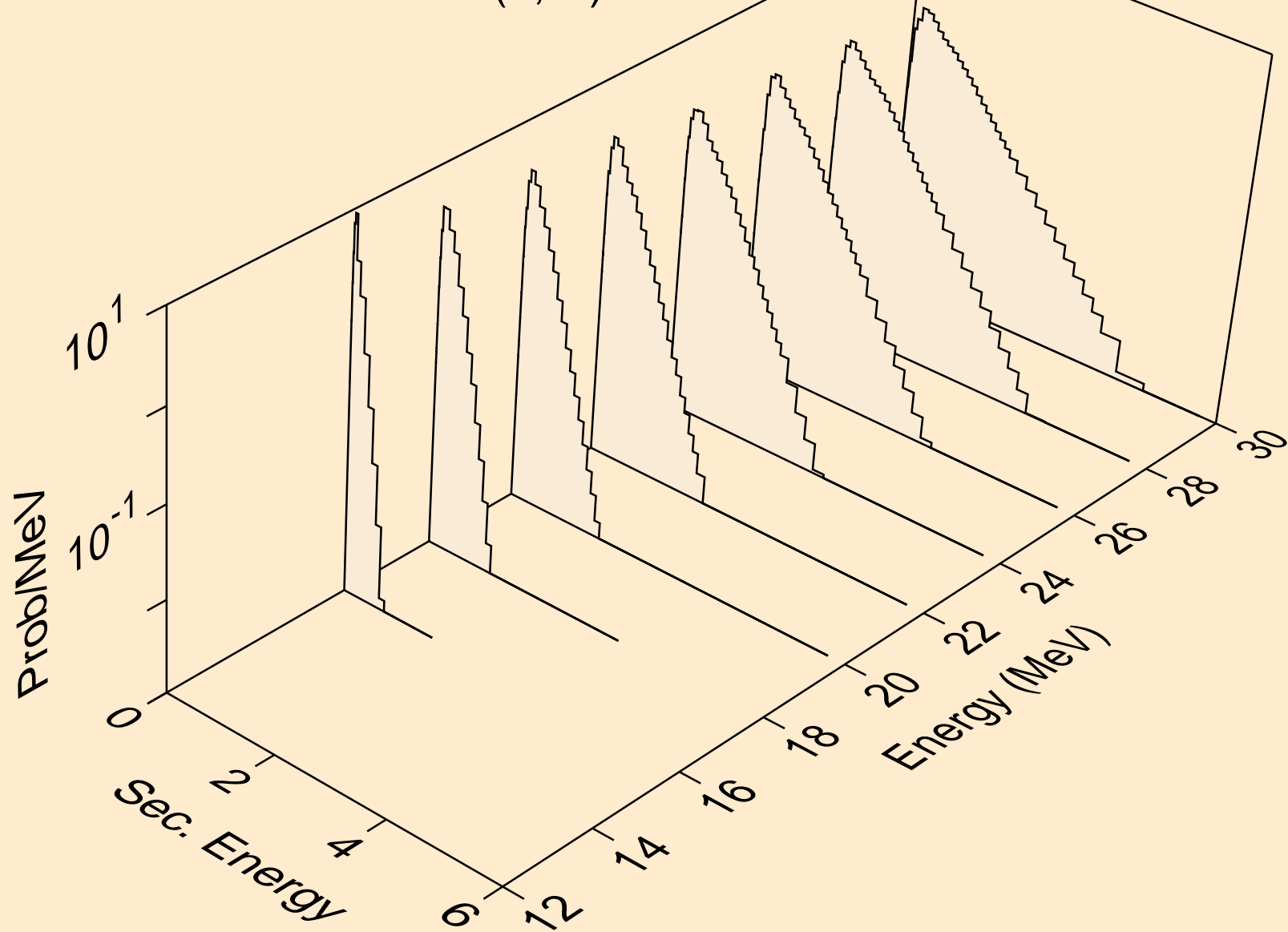
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

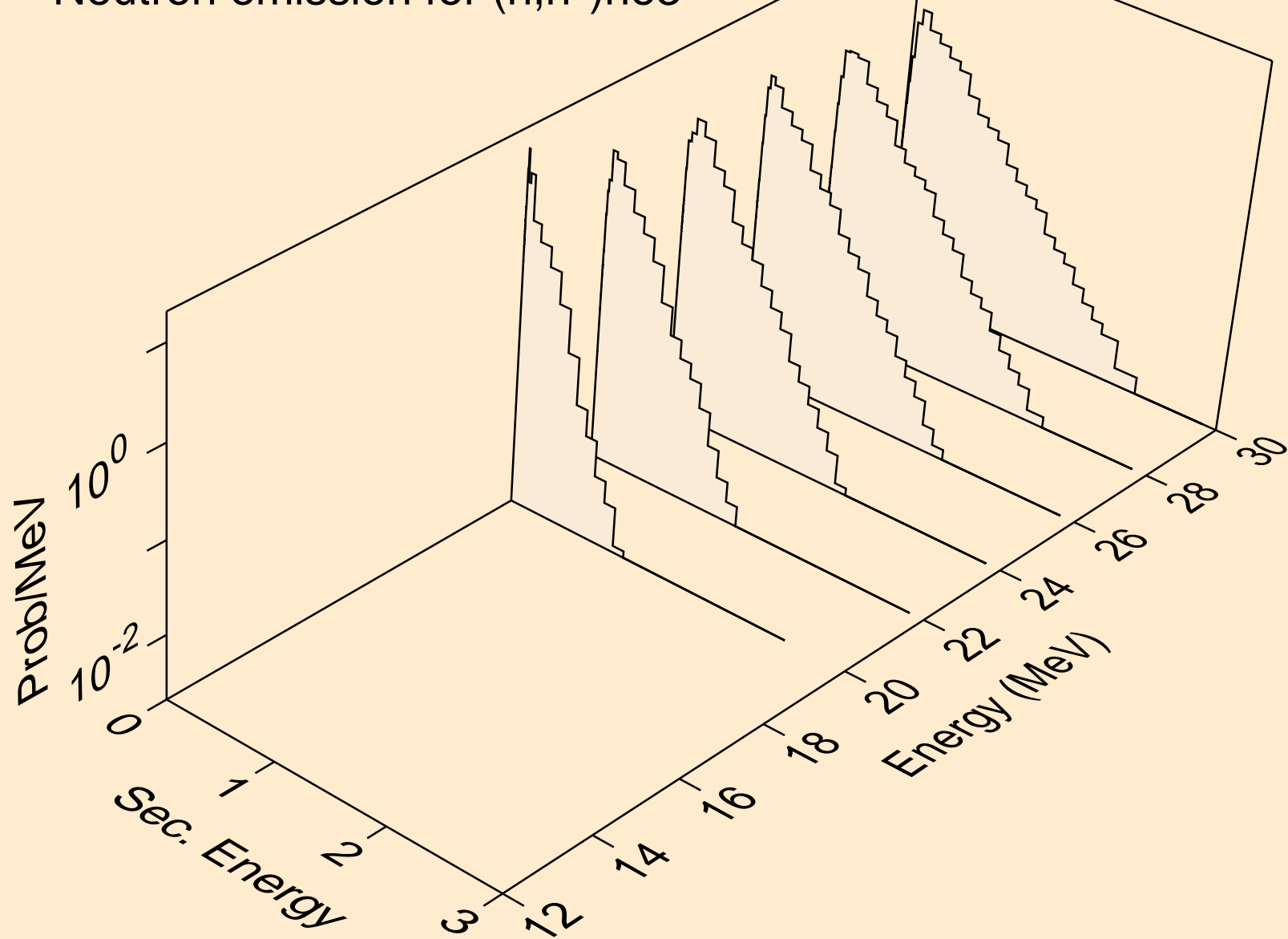


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

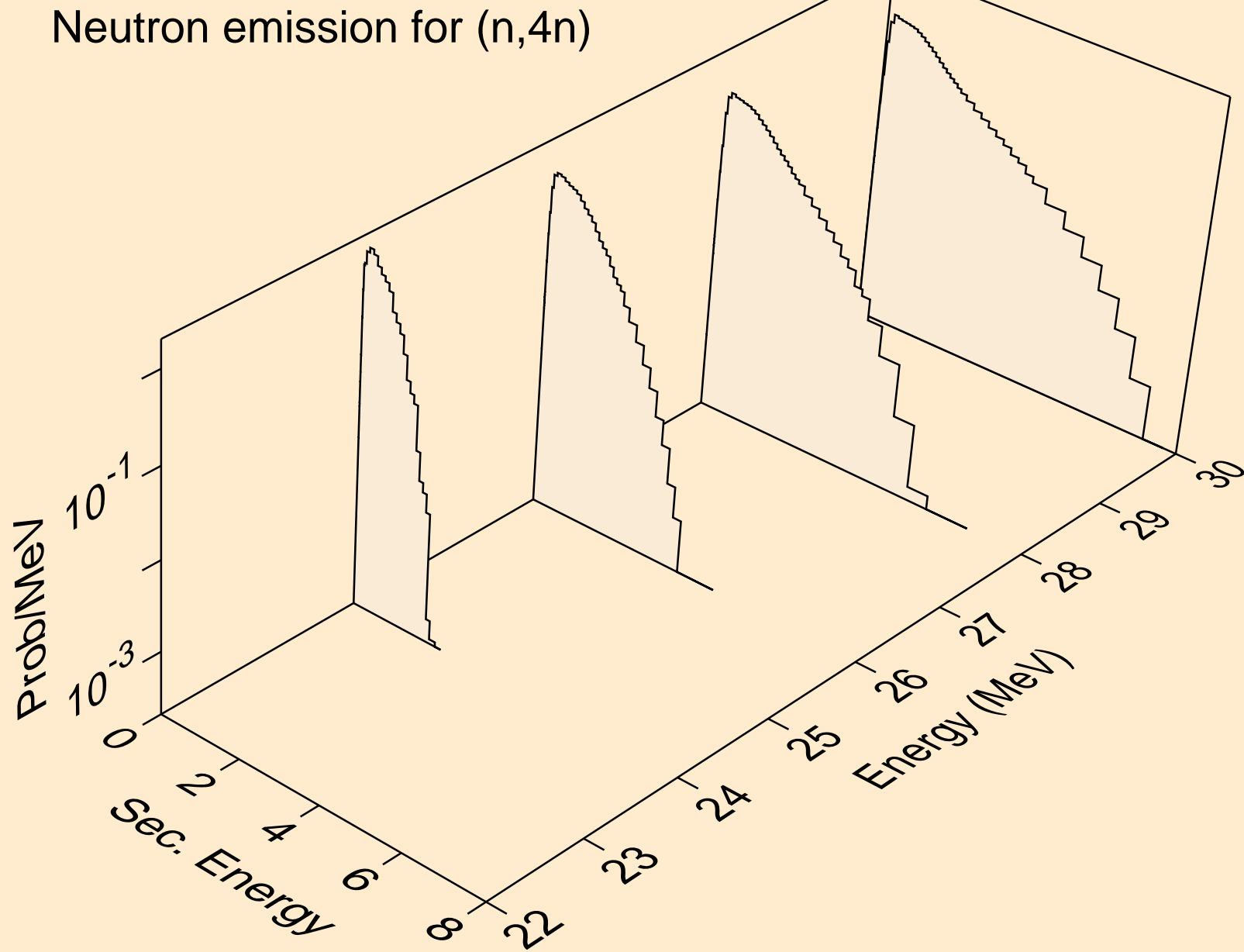




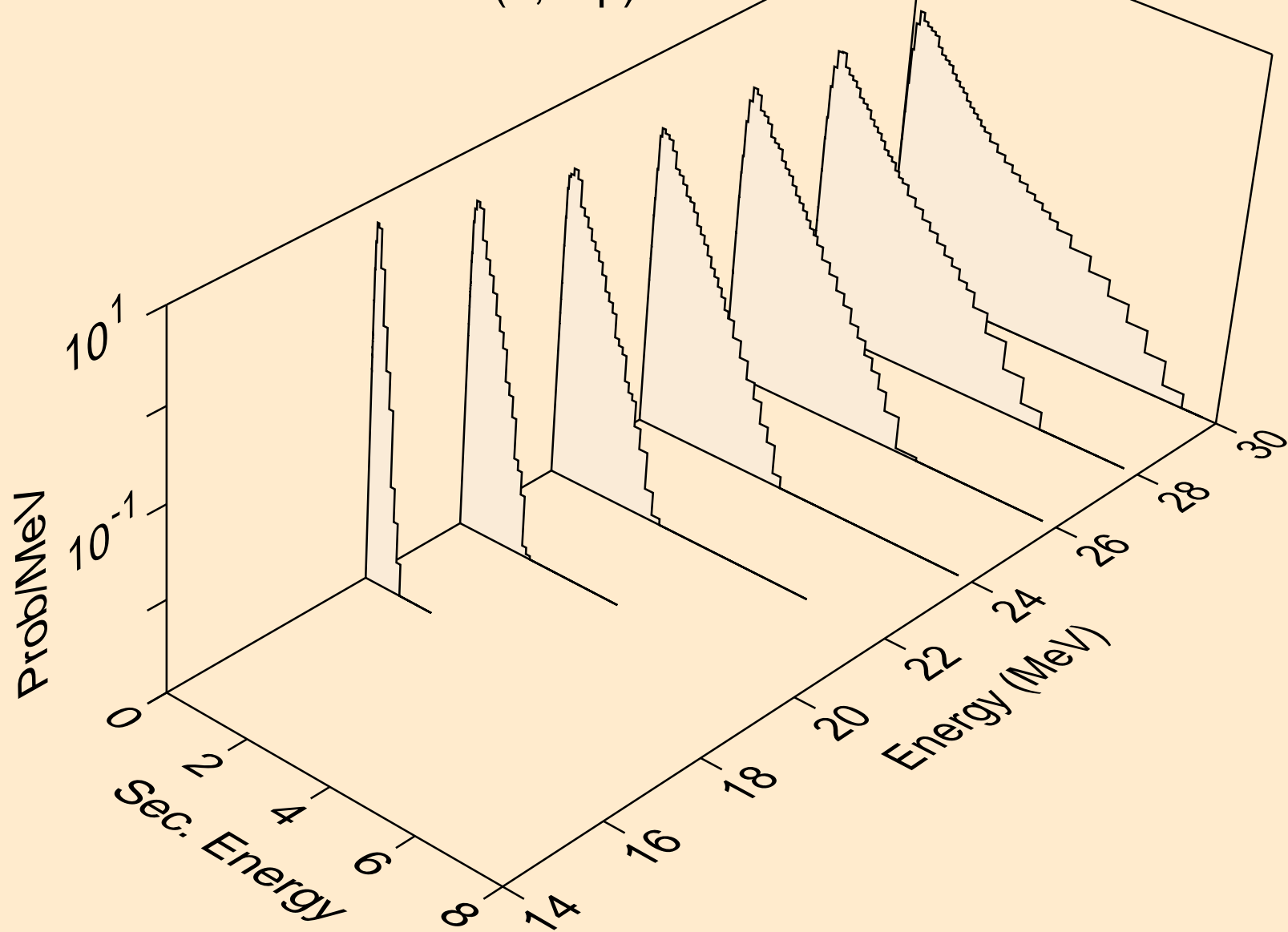
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



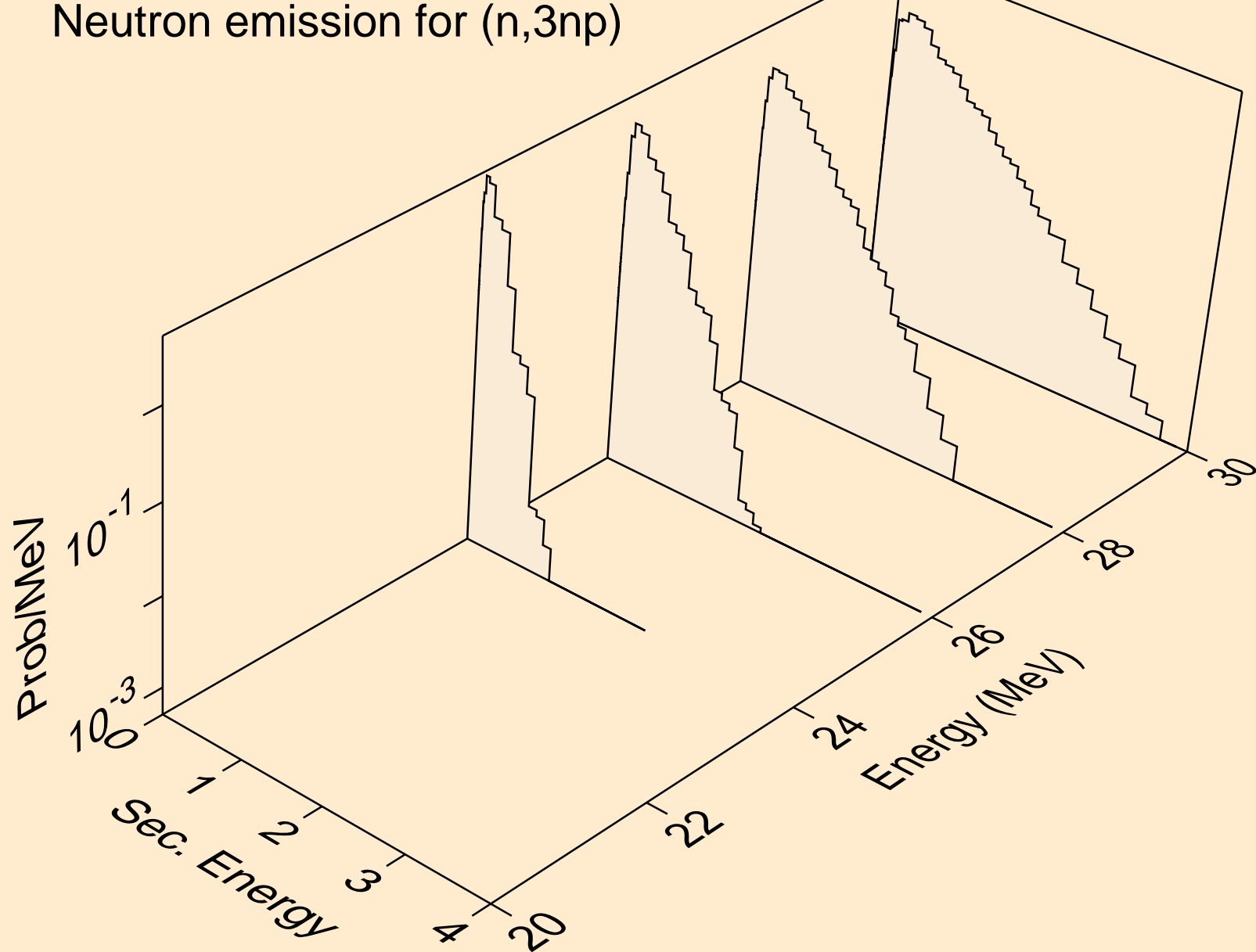
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



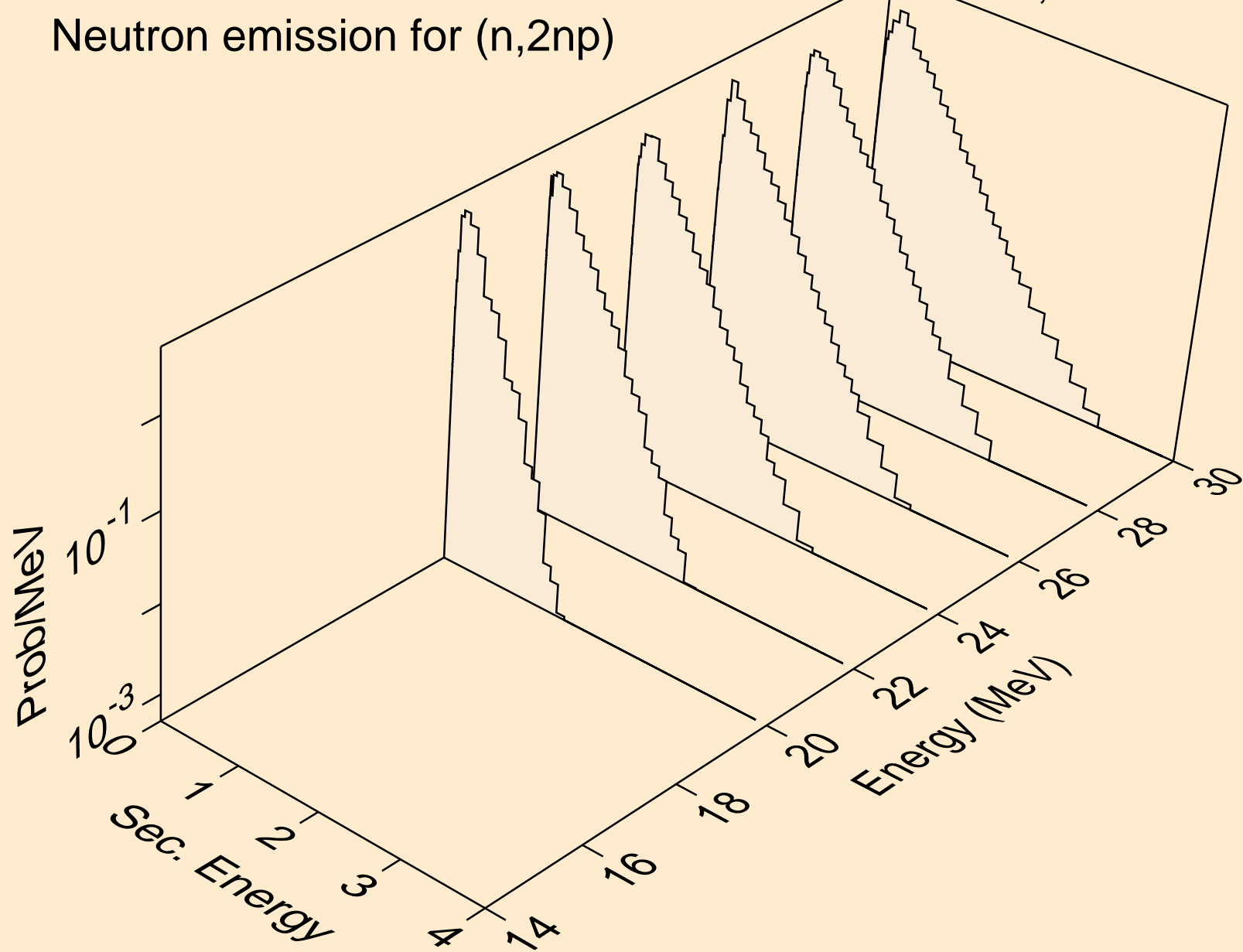
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



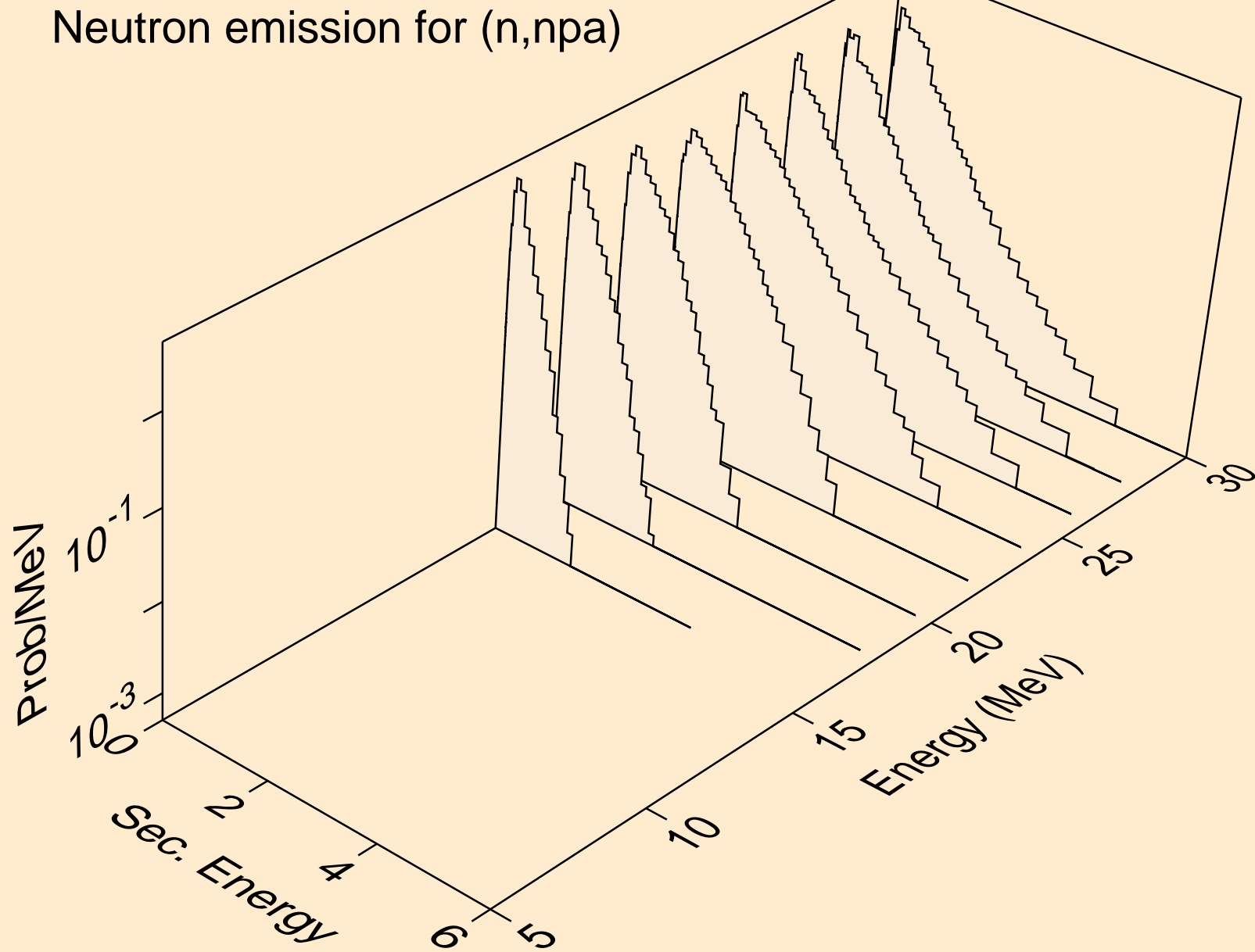
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



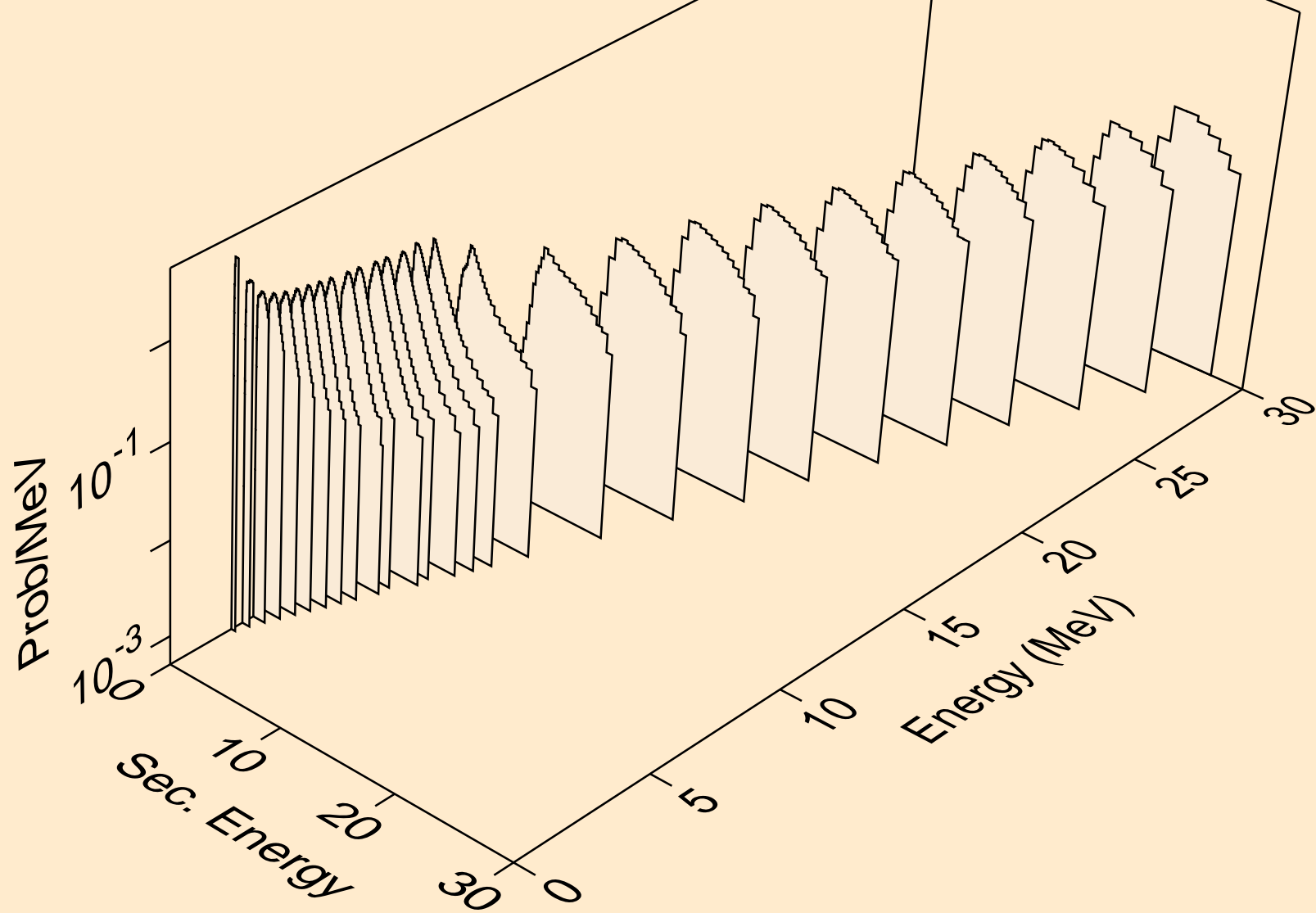
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



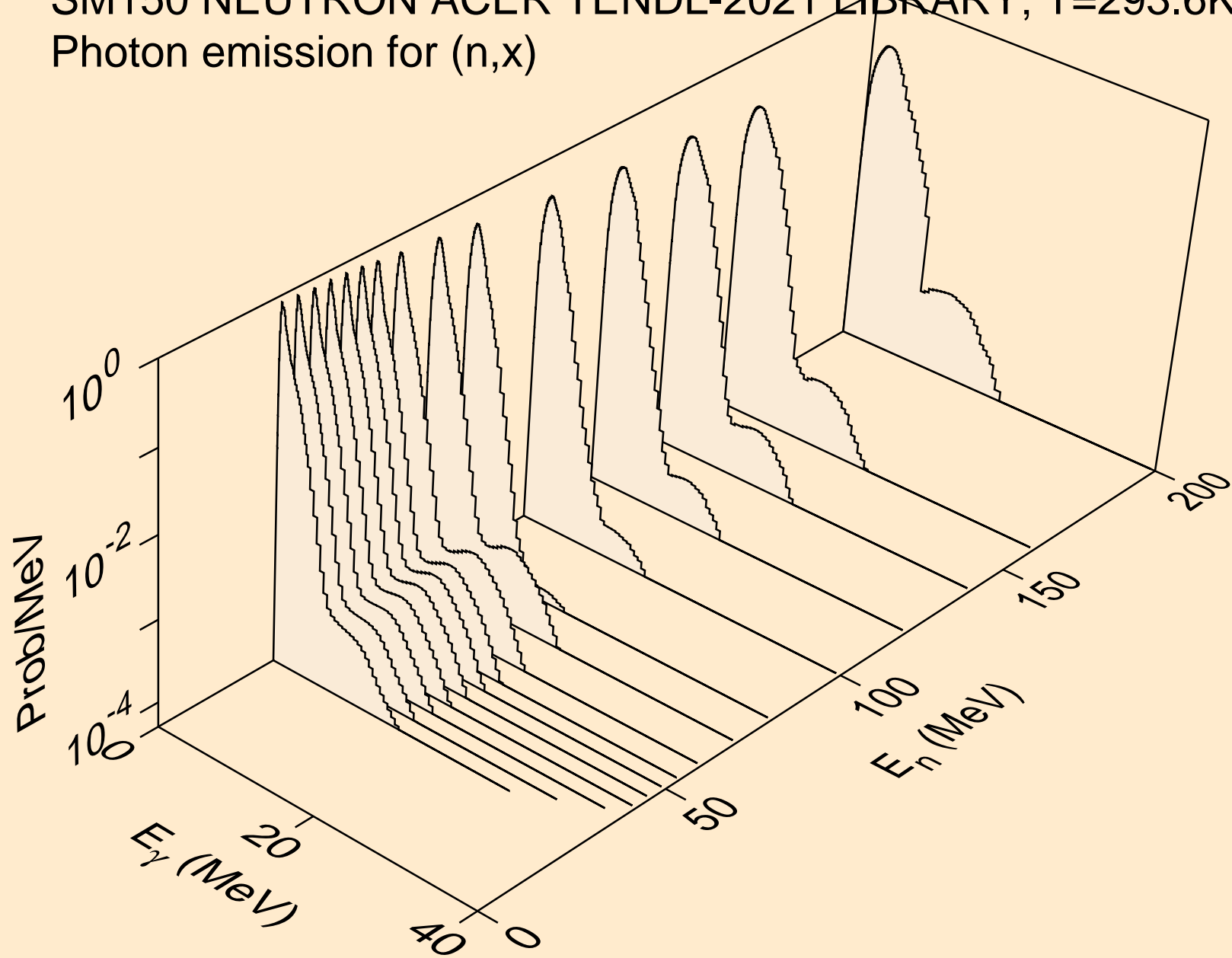
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

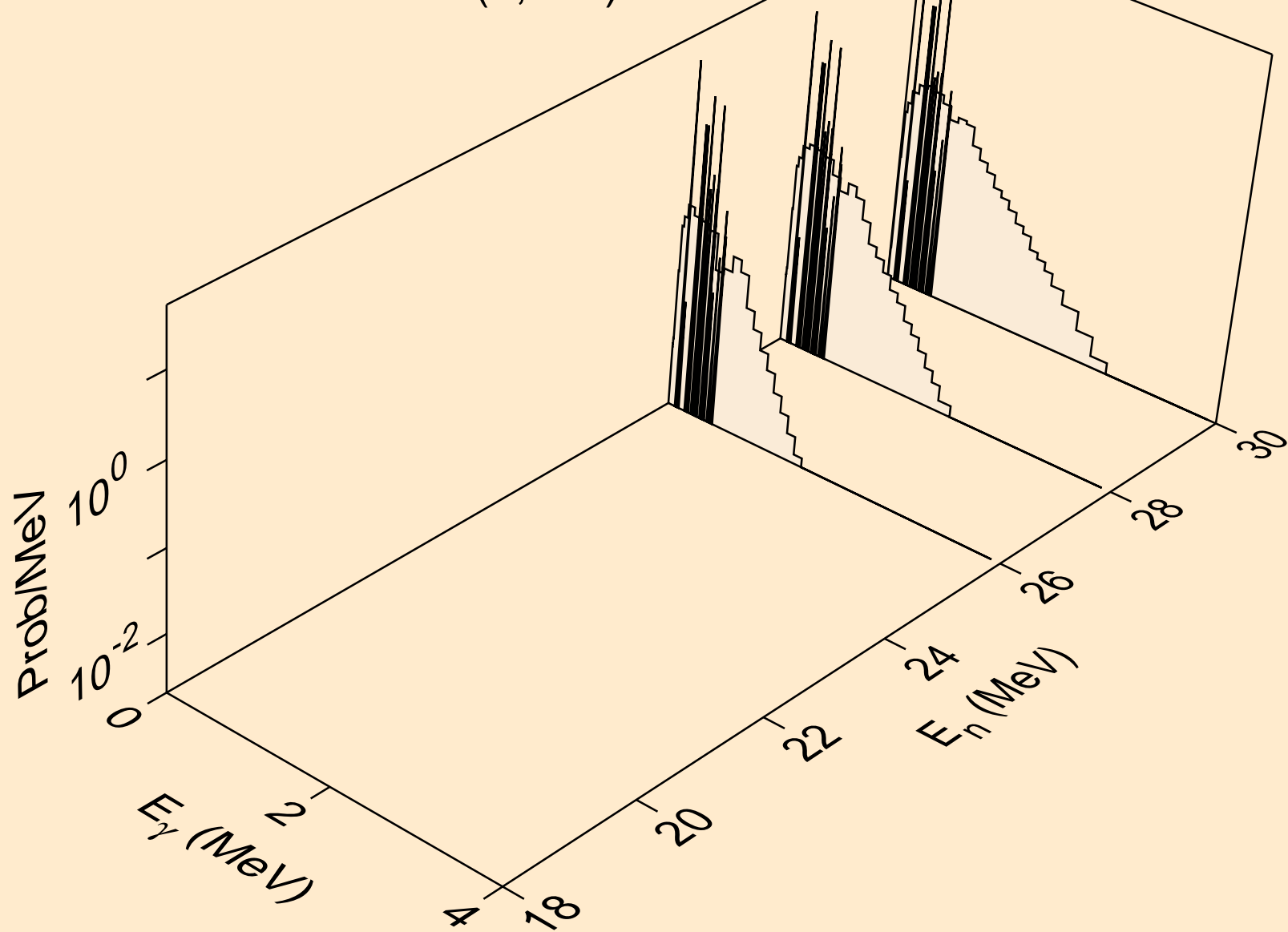


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

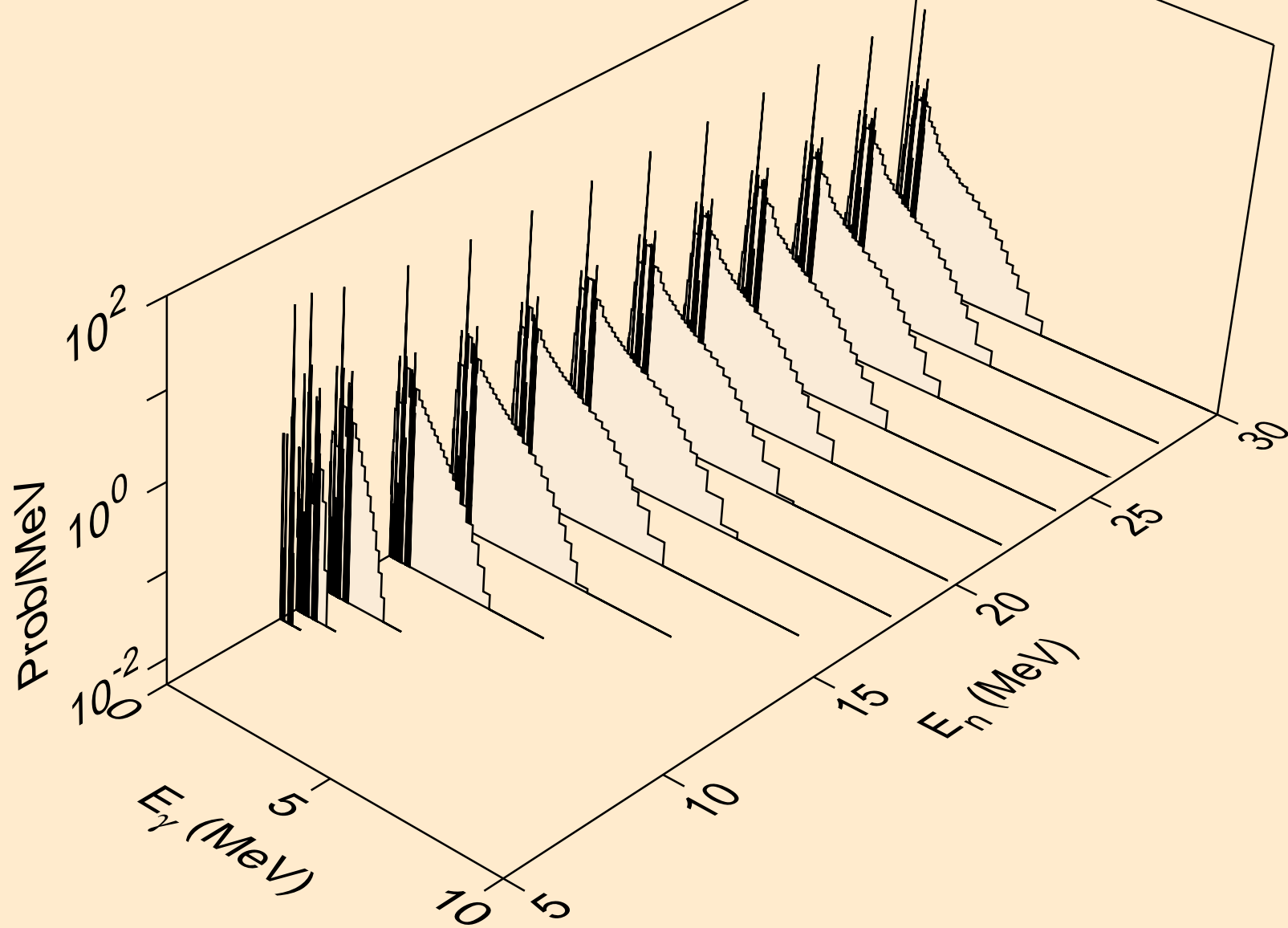




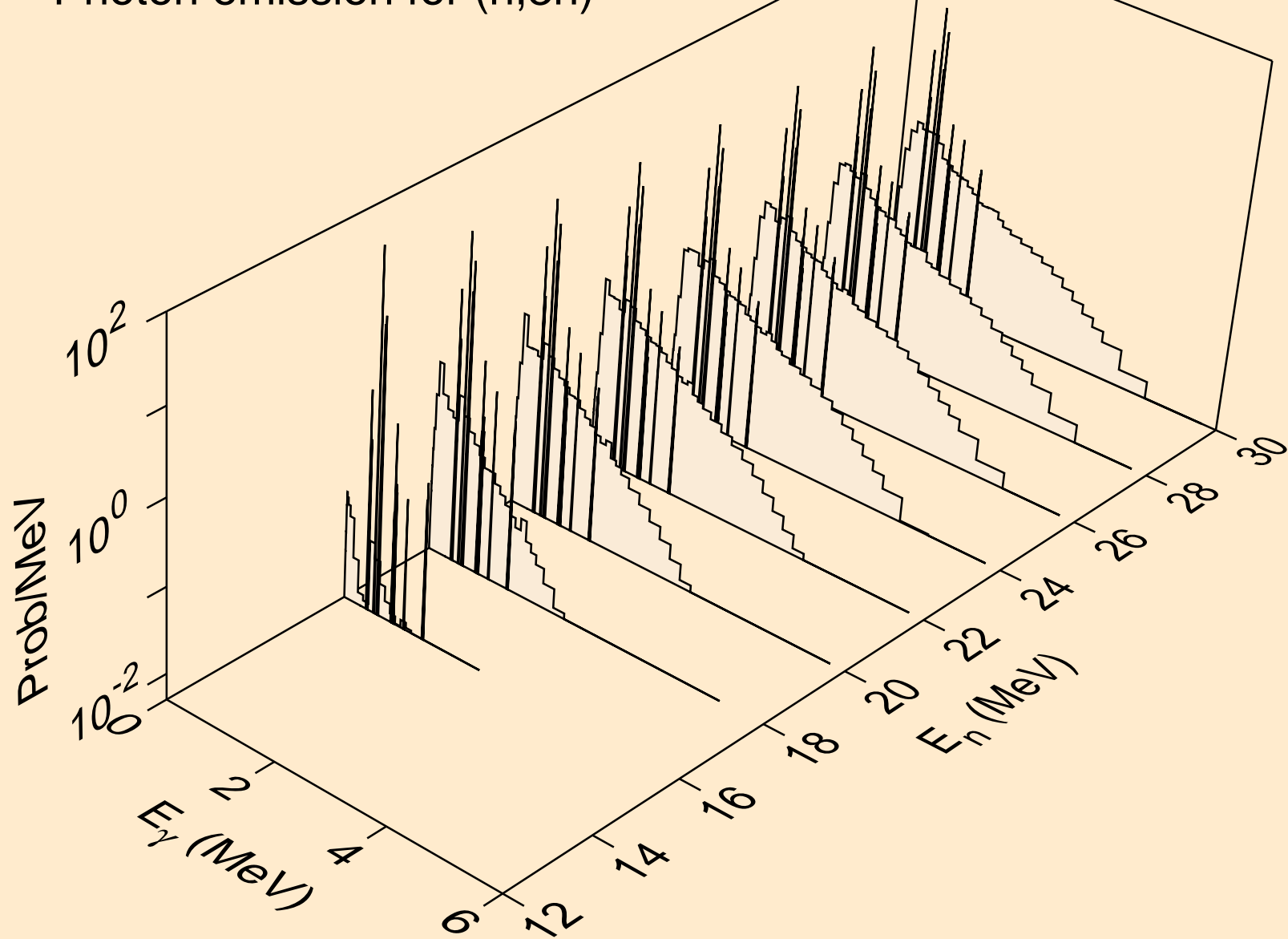
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



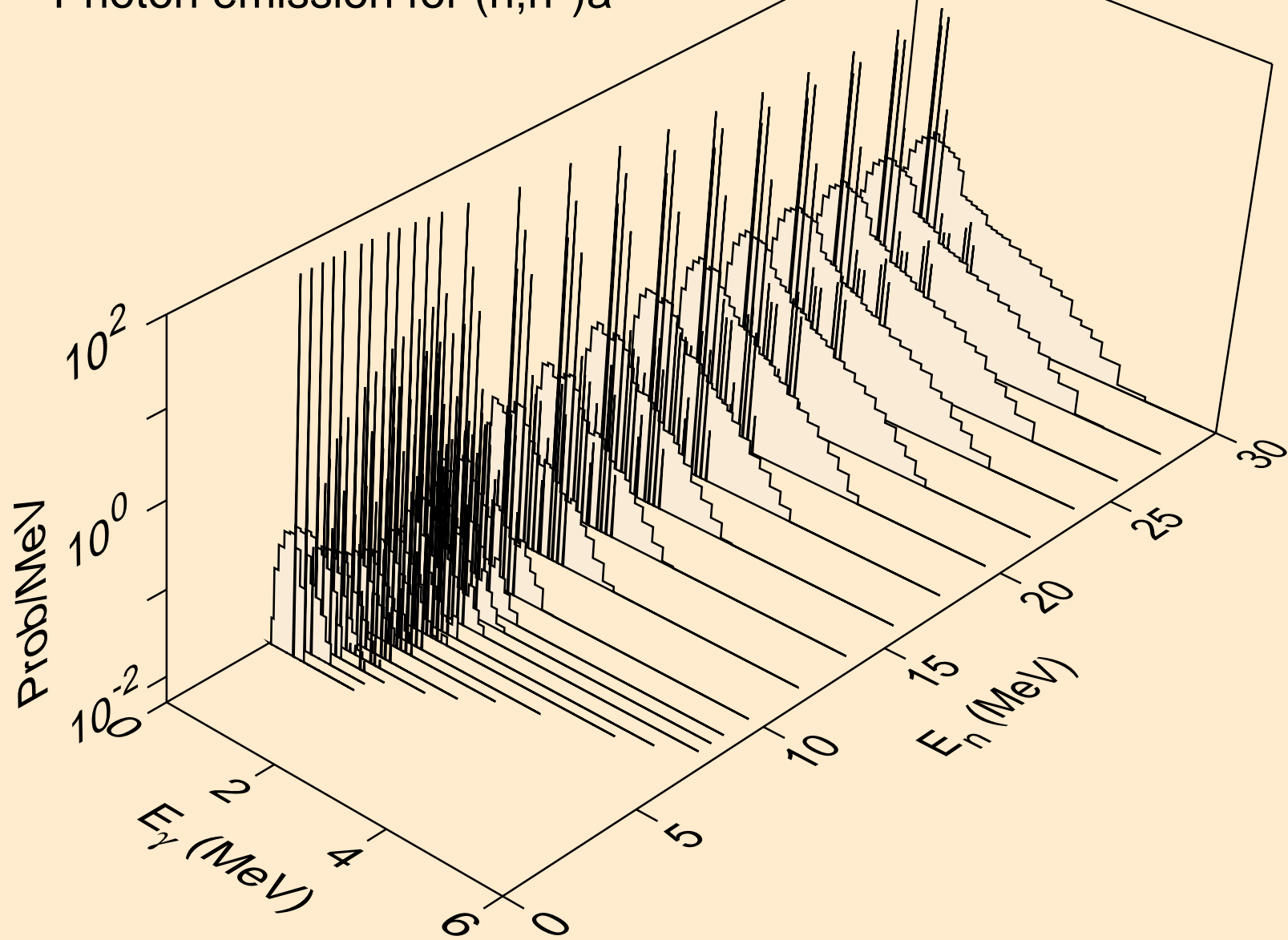
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Photon emission for (n,2n)



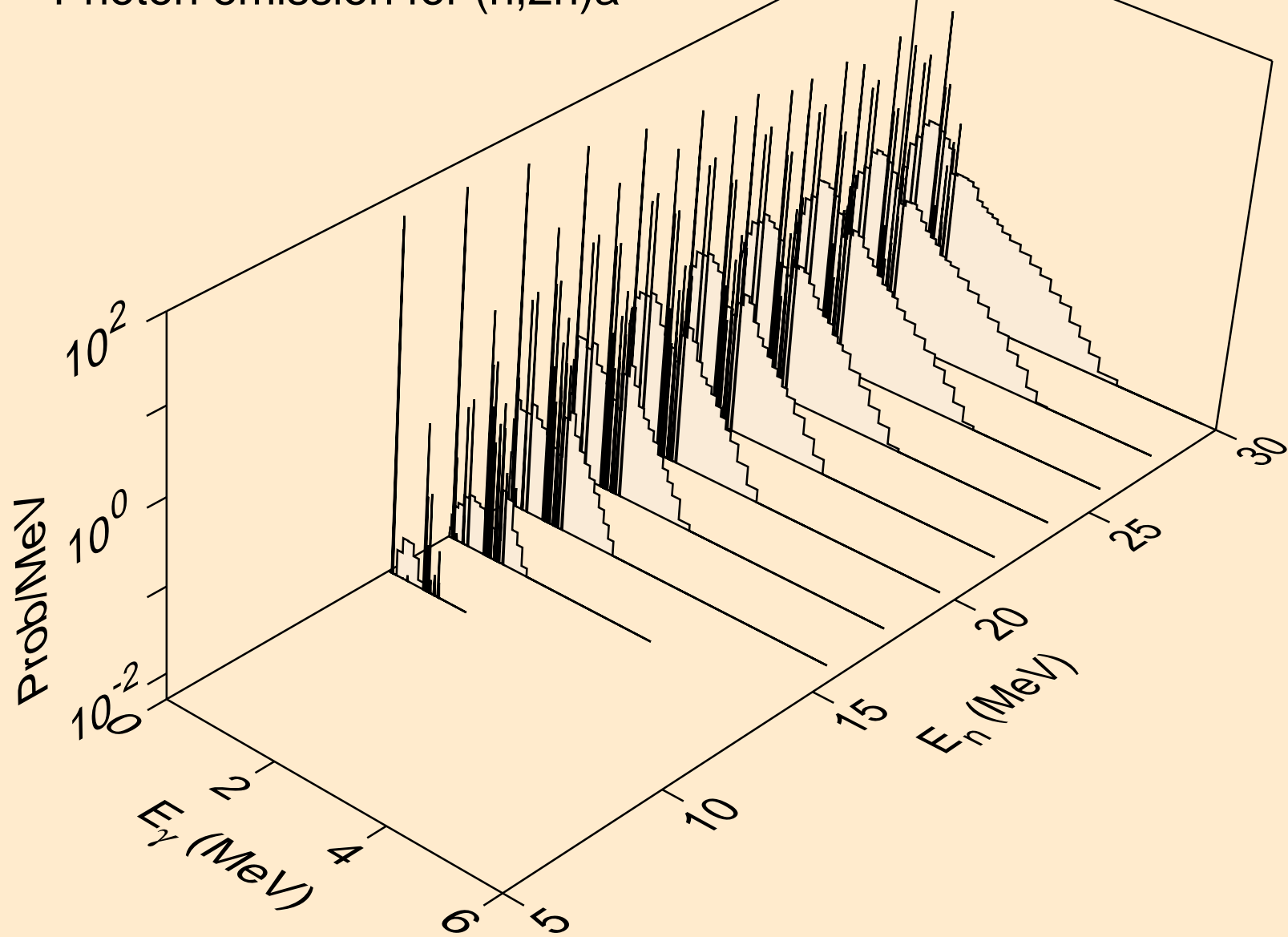
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Photon emission for (n,3n)



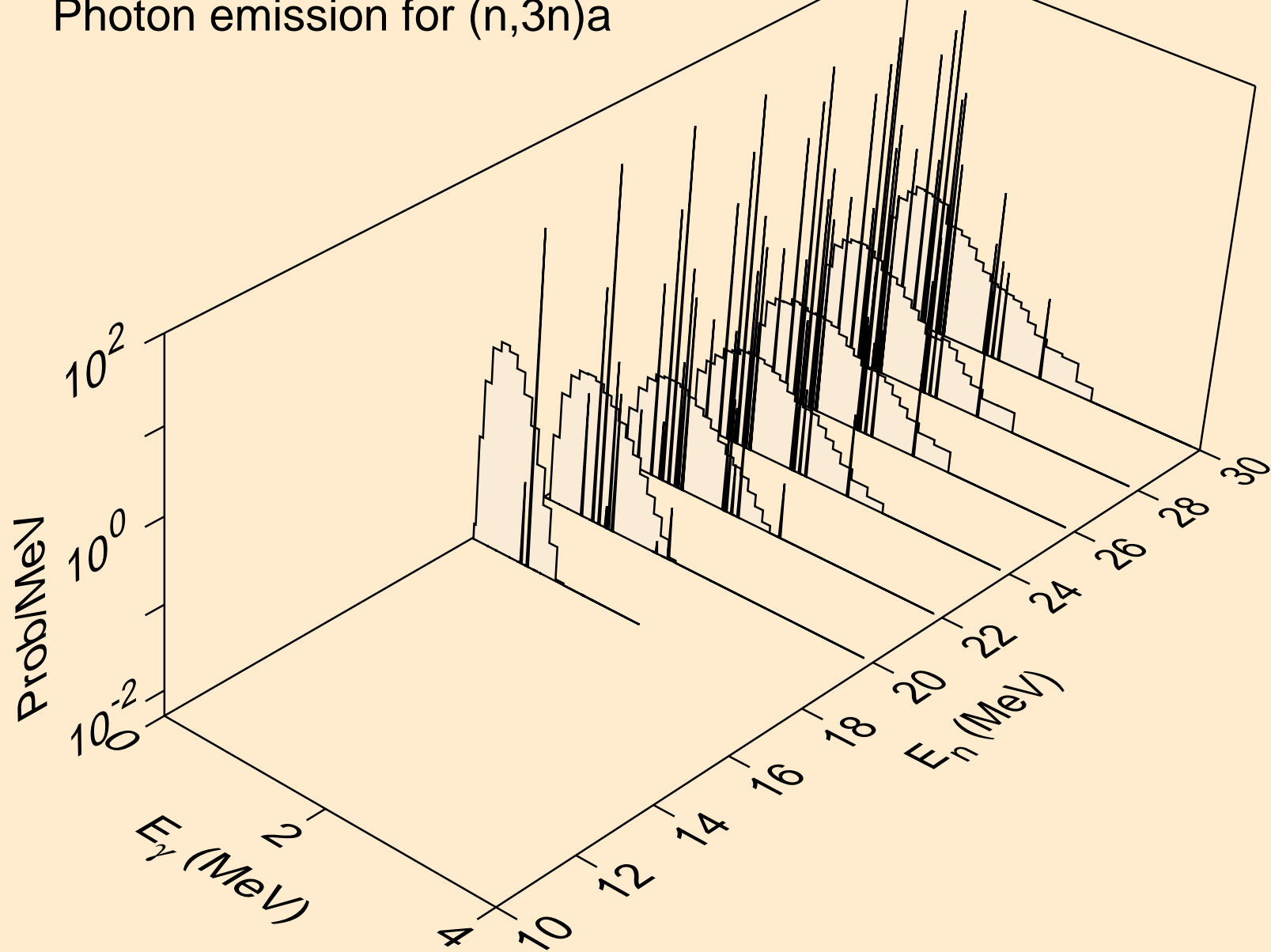
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Photon emission for (n,n\*)a



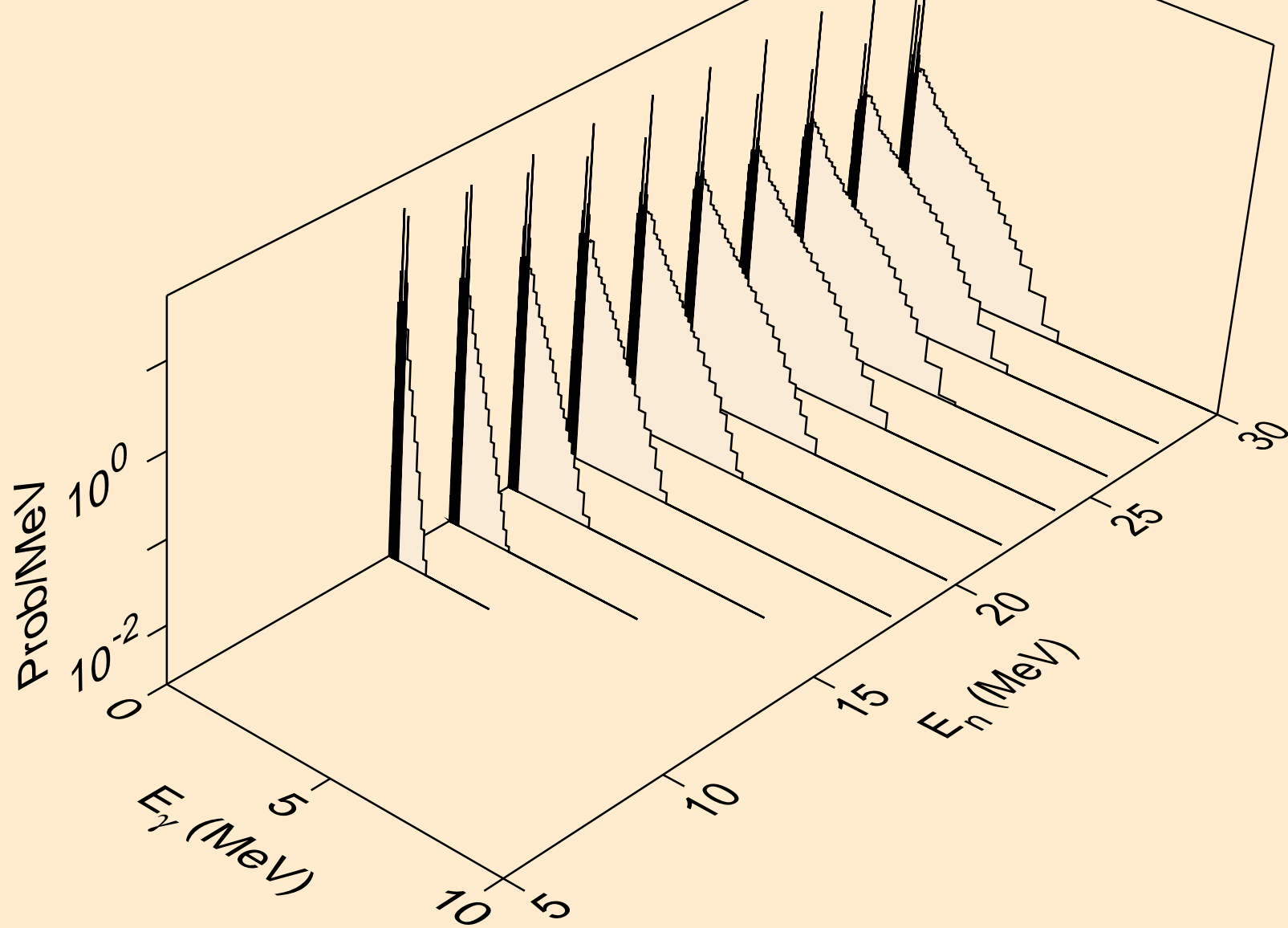
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



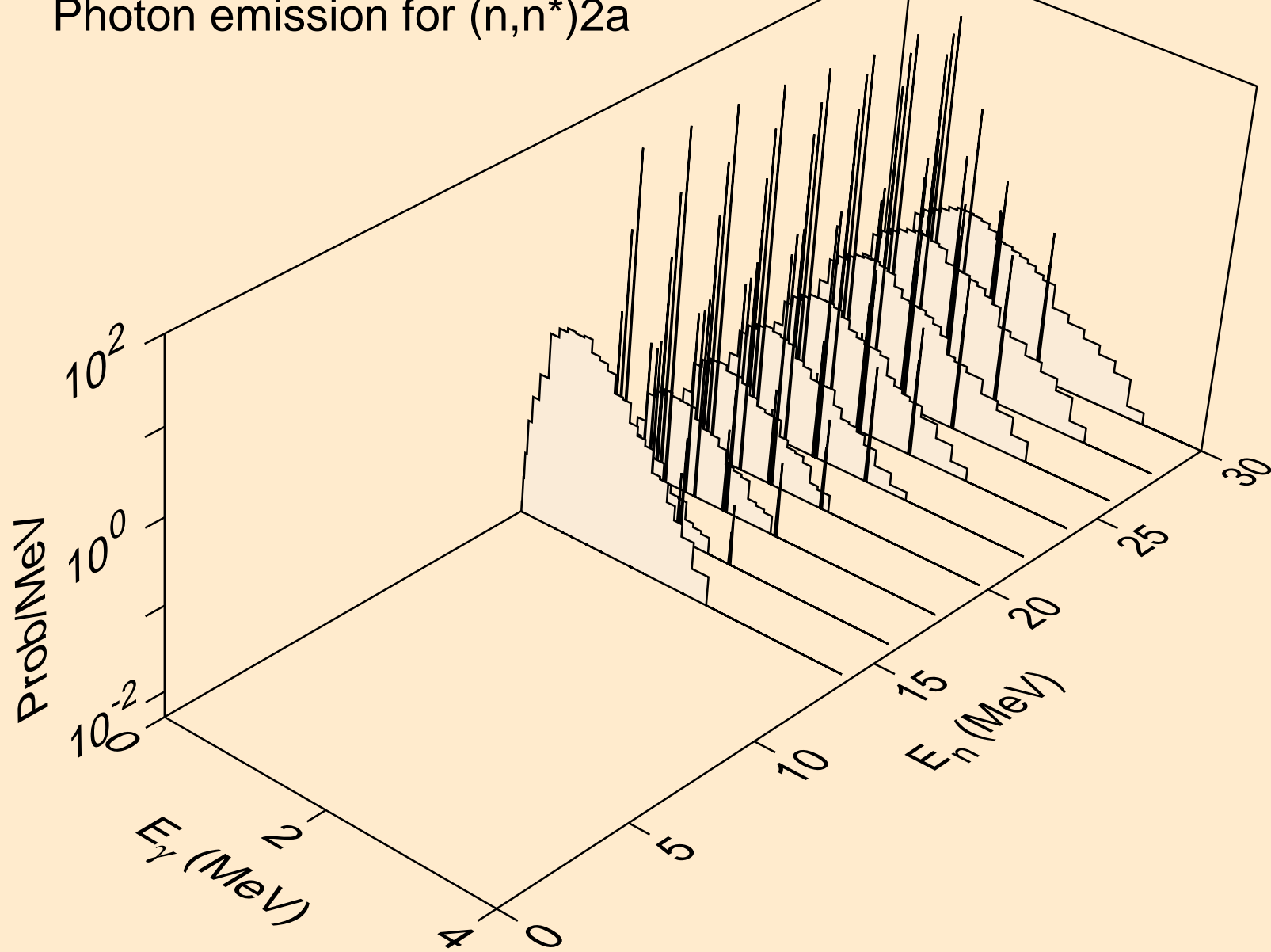
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

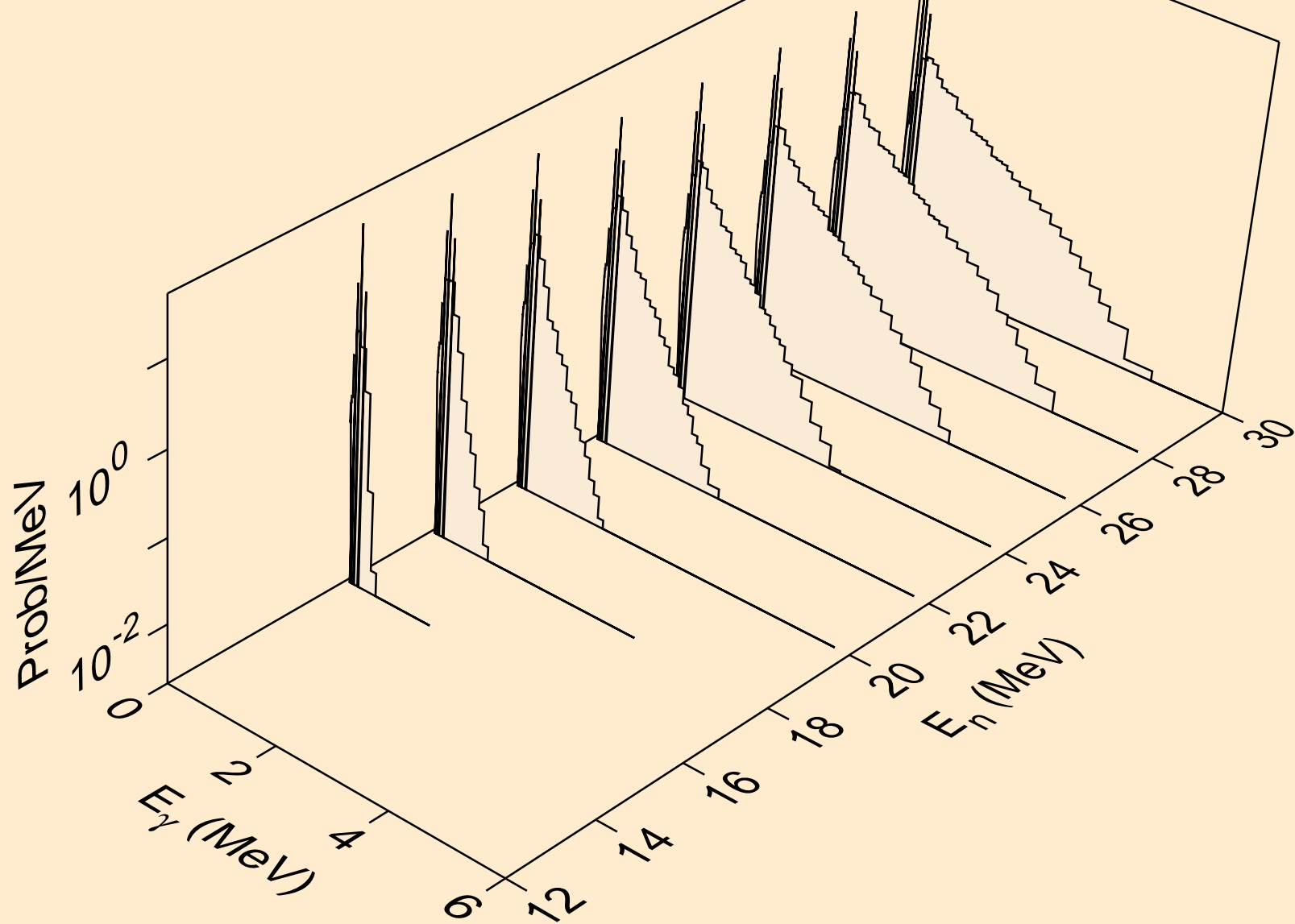


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

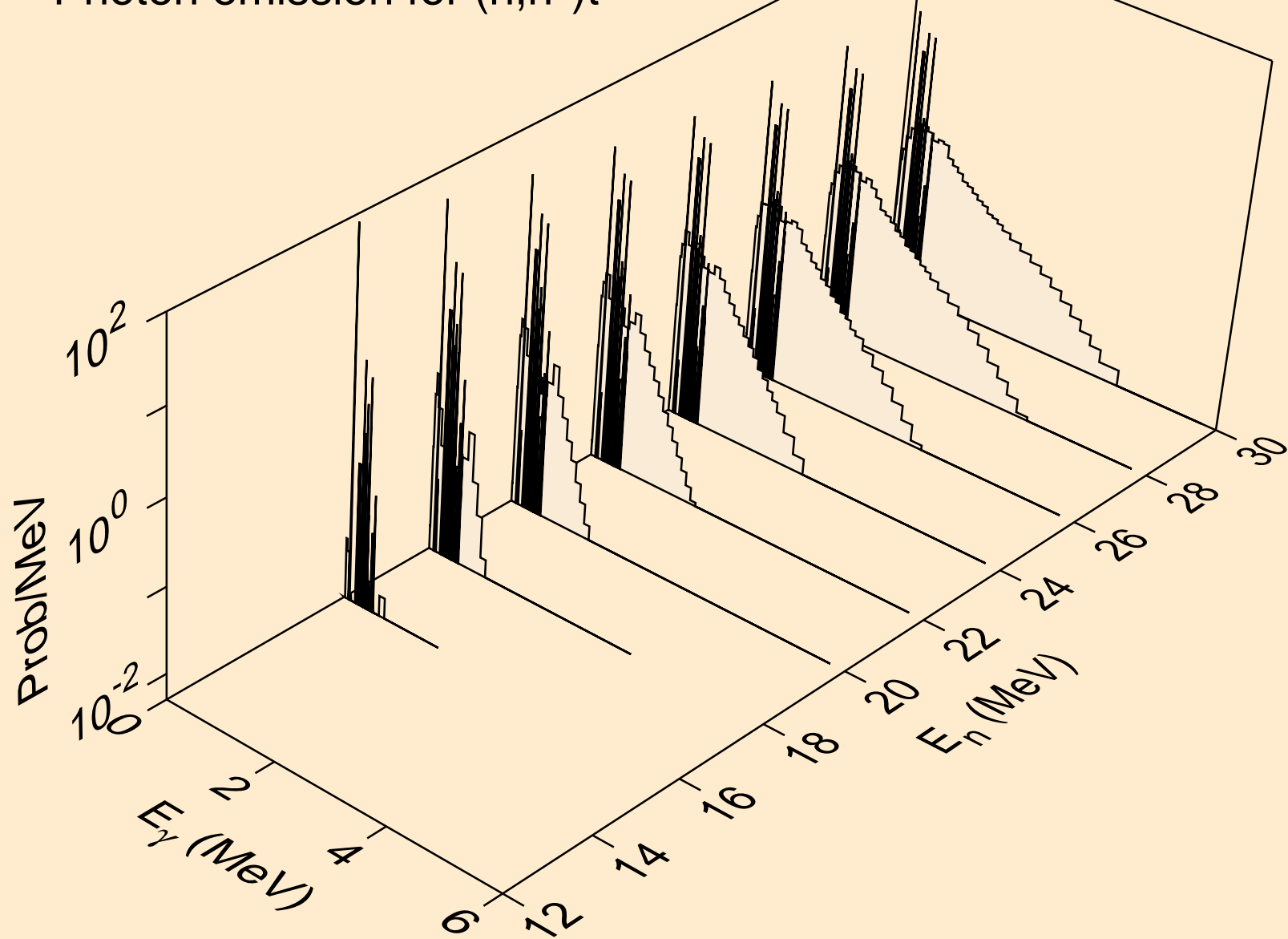




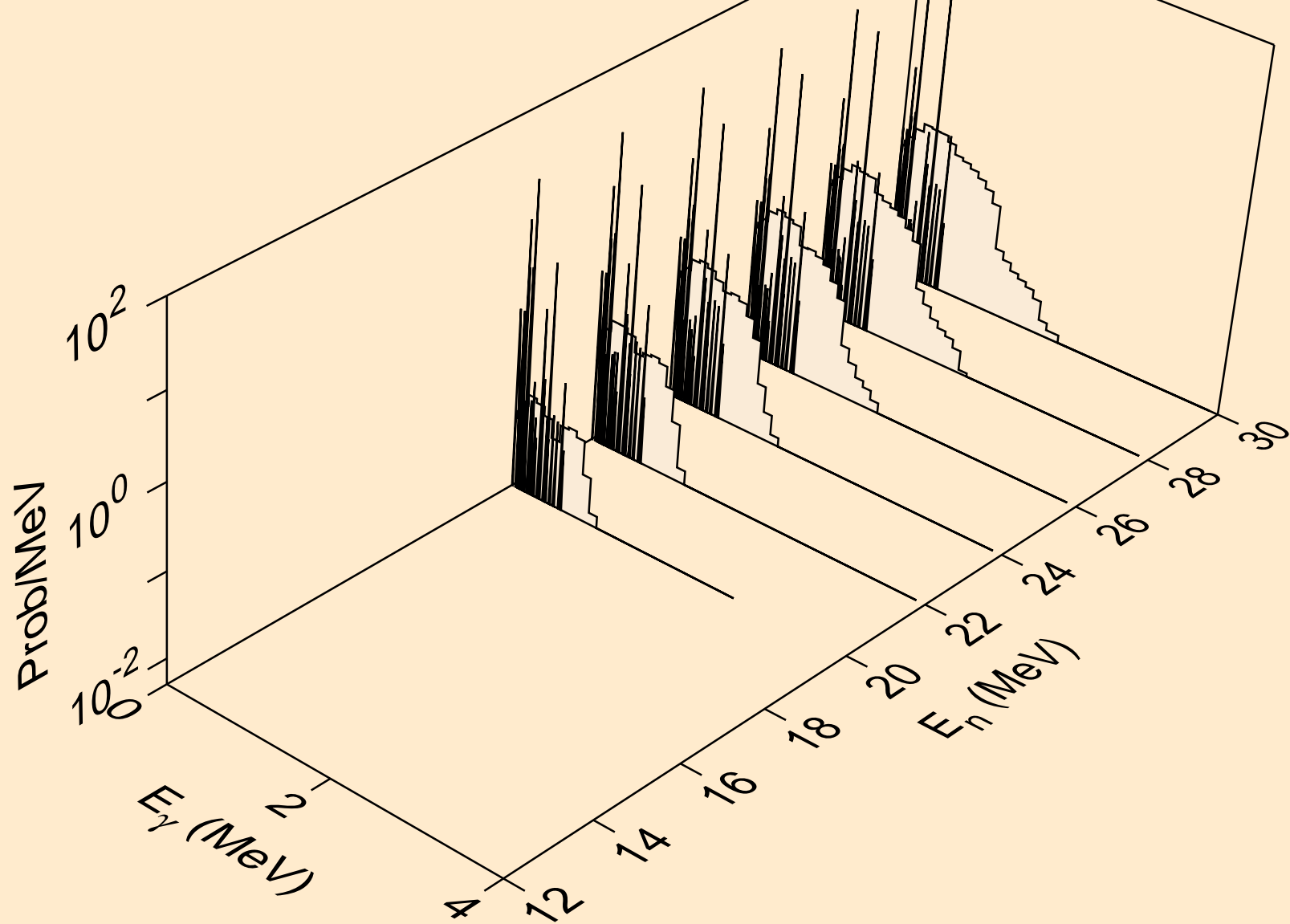
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



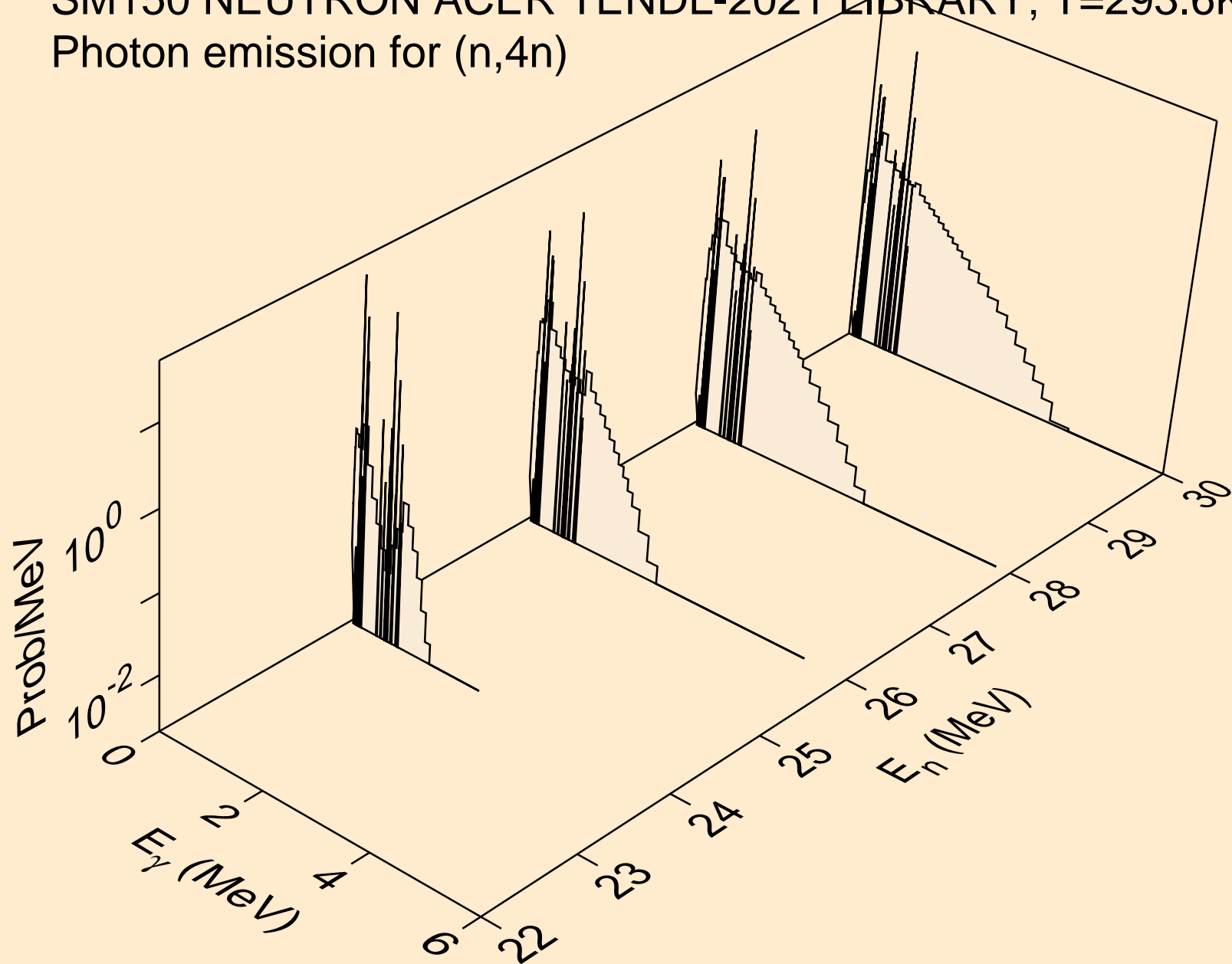
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



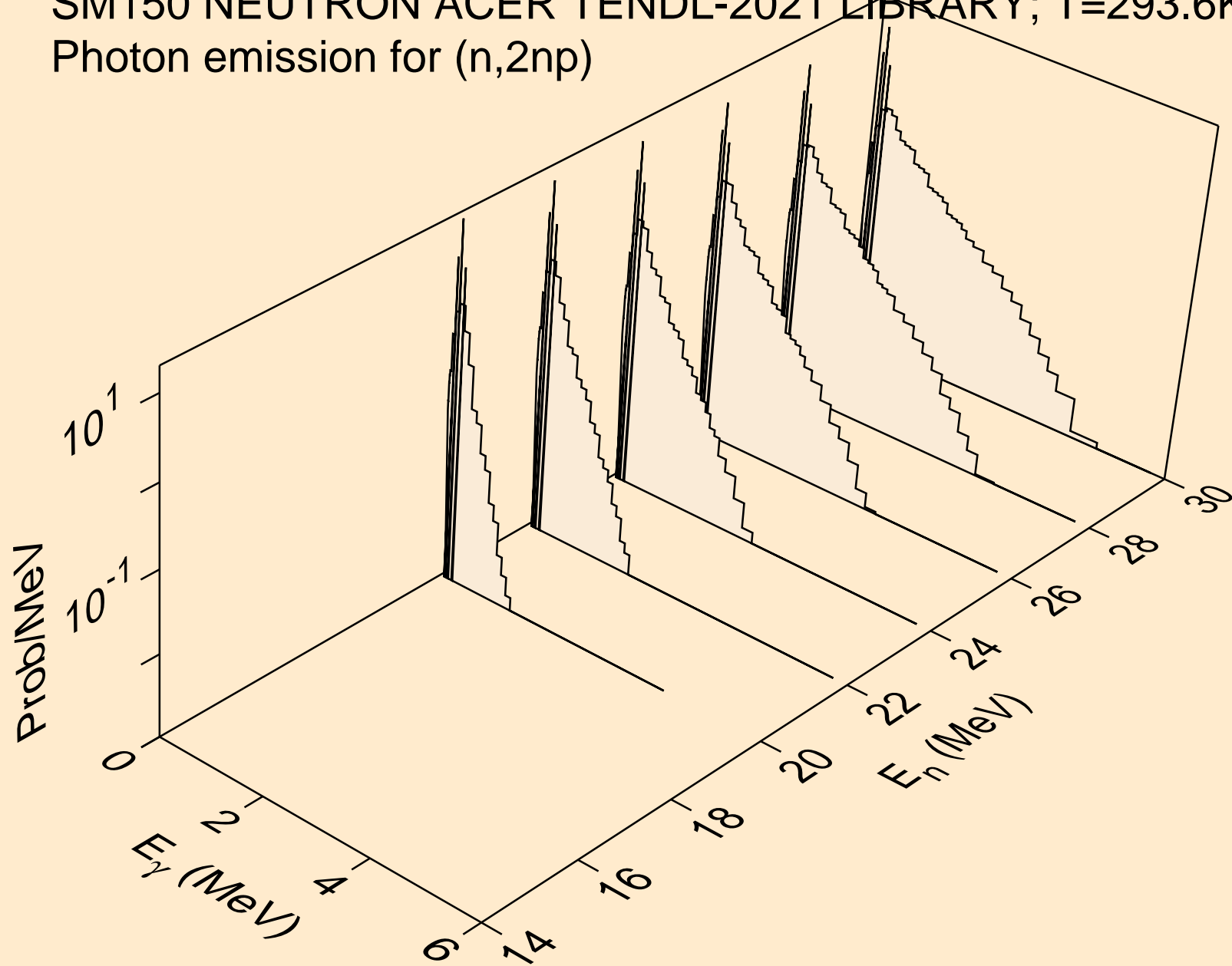
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



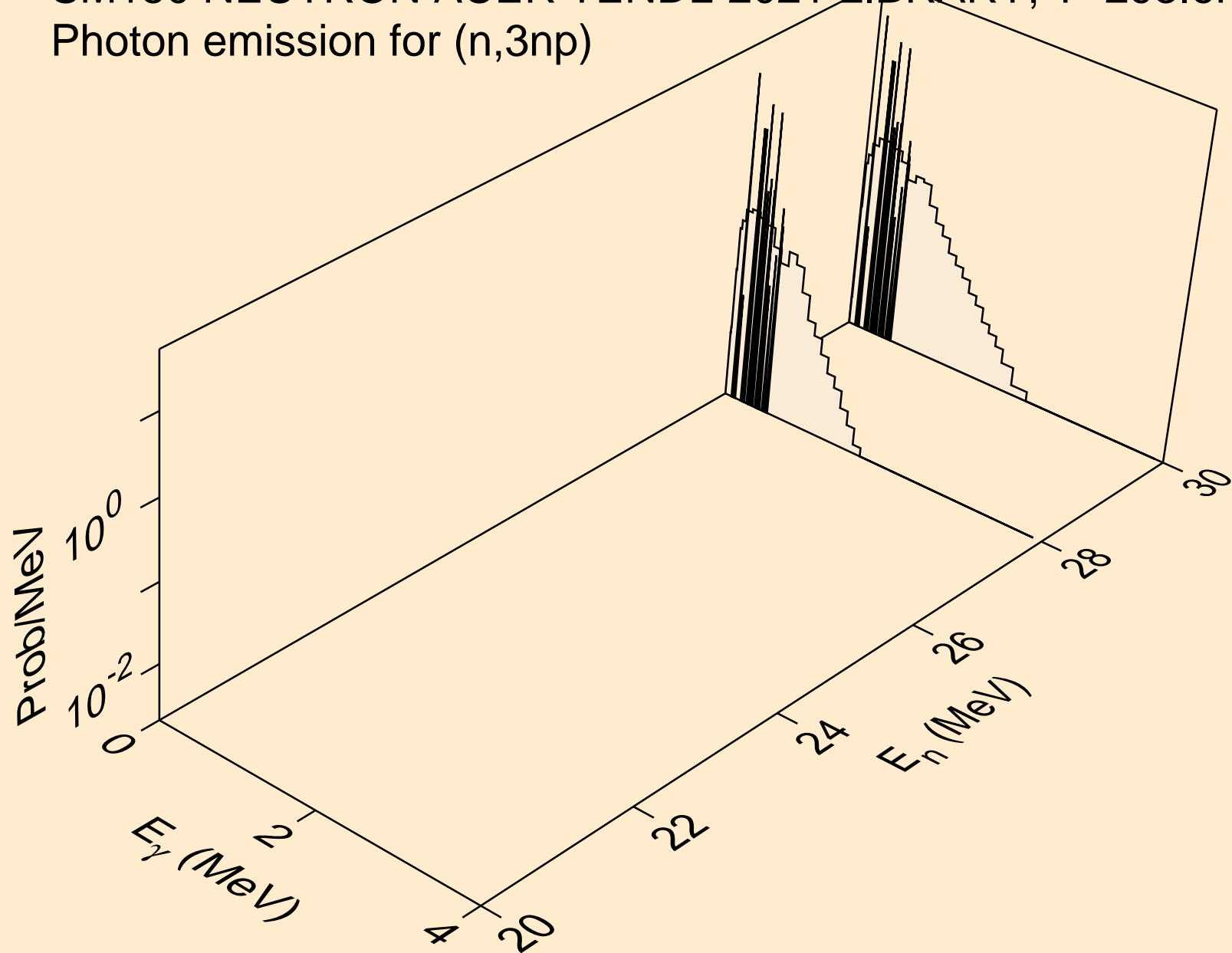
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Photon emission for (n,4n)



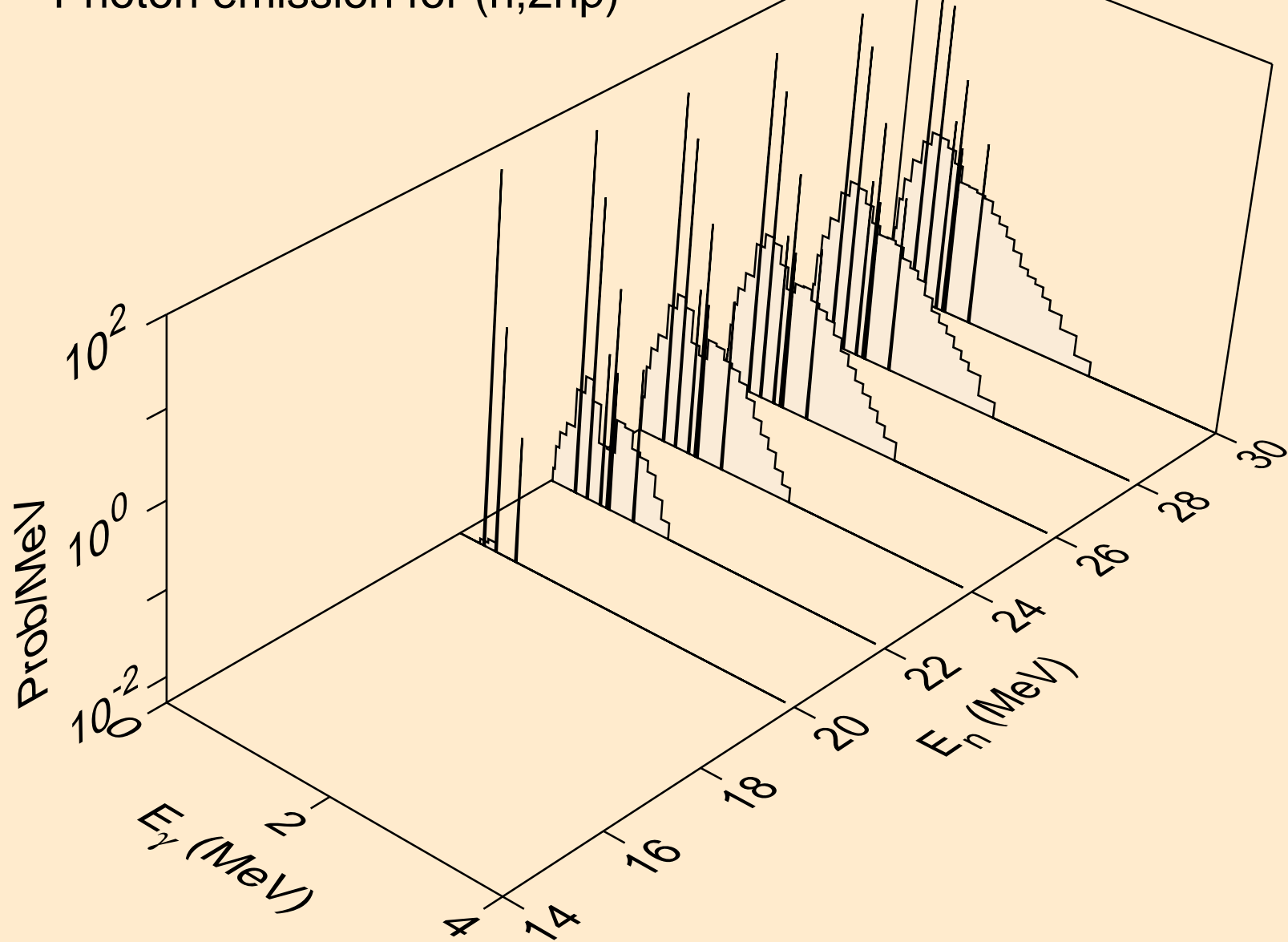
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Photon emission for (n,2np)



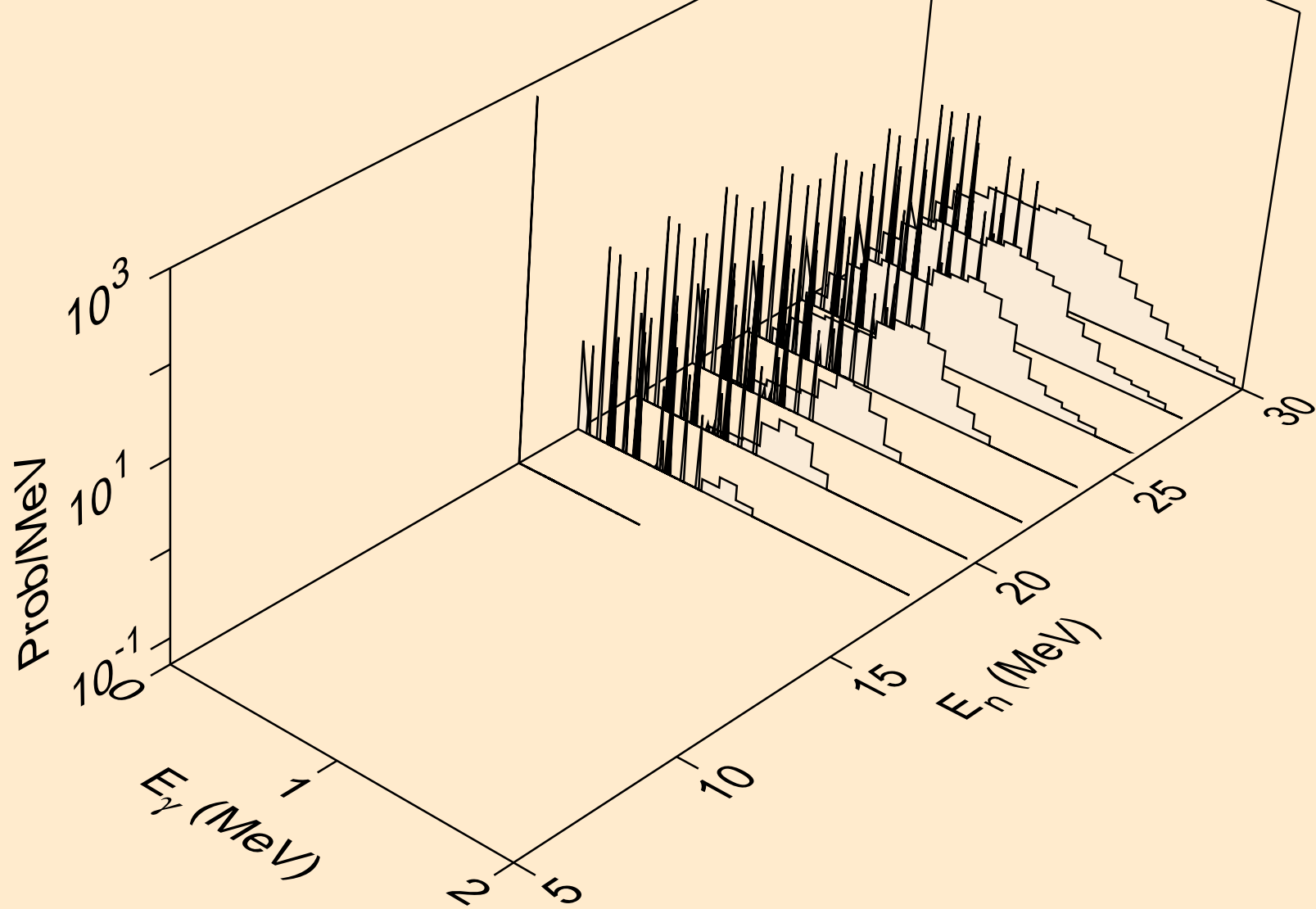
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

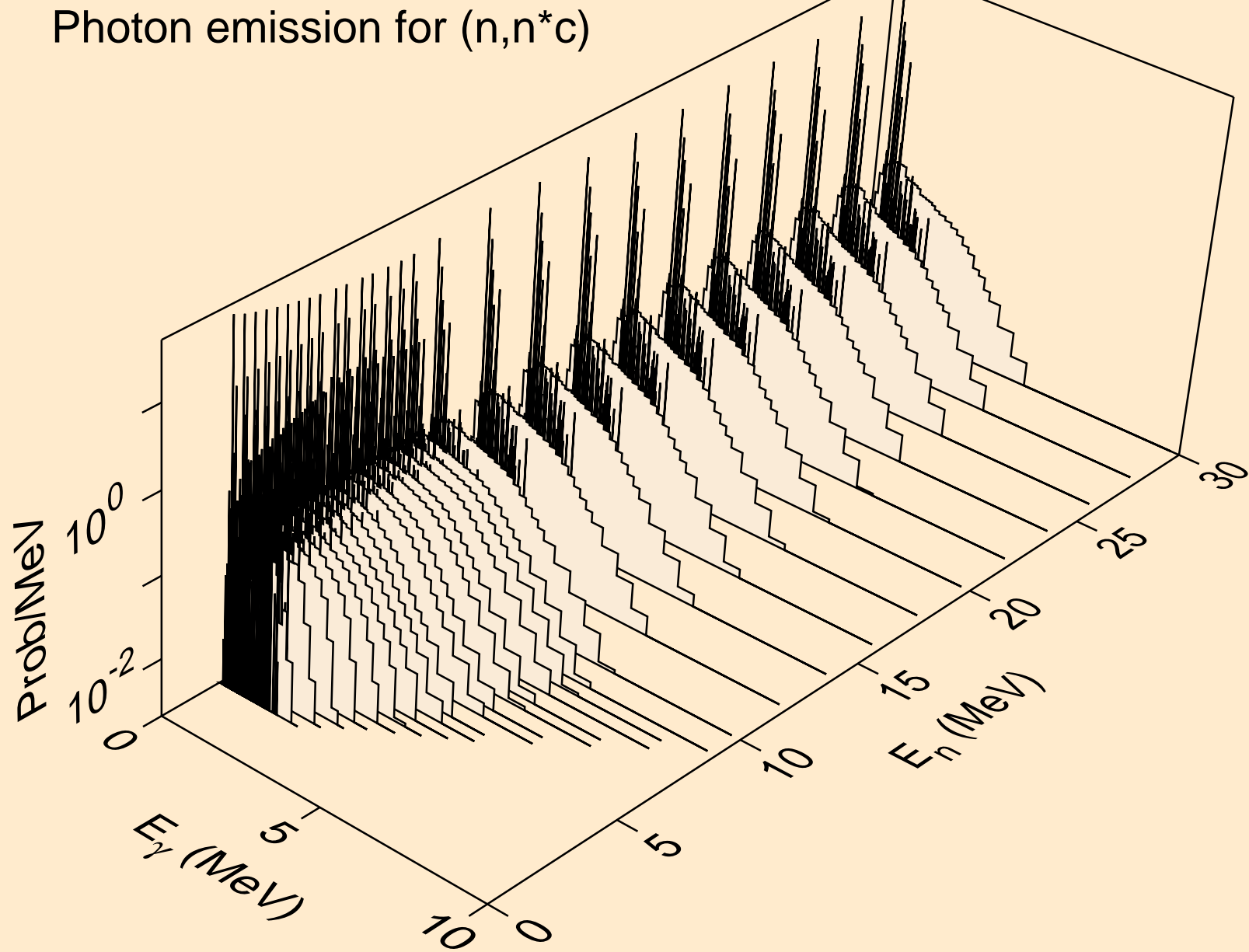


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Photon emission for (n,npa)

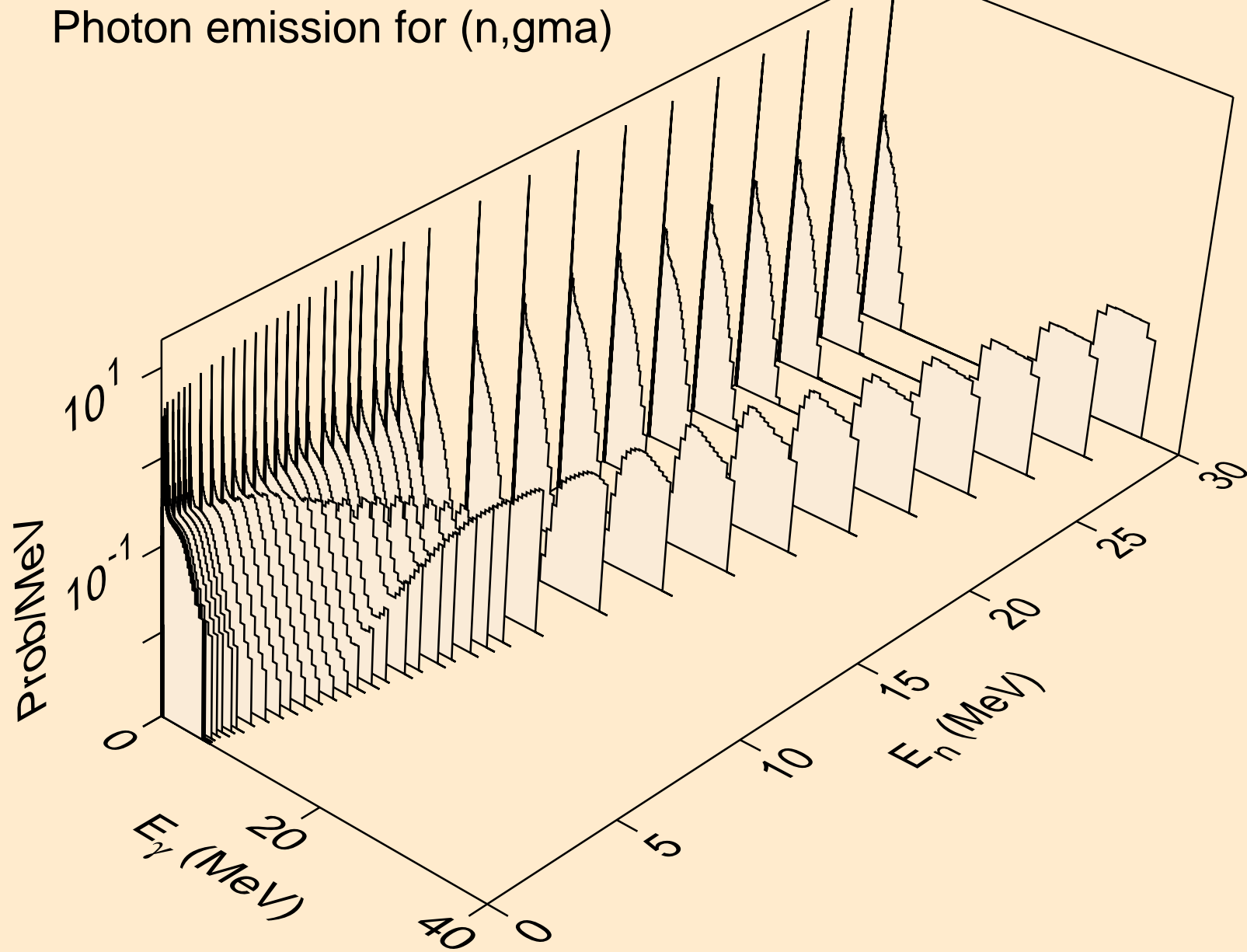




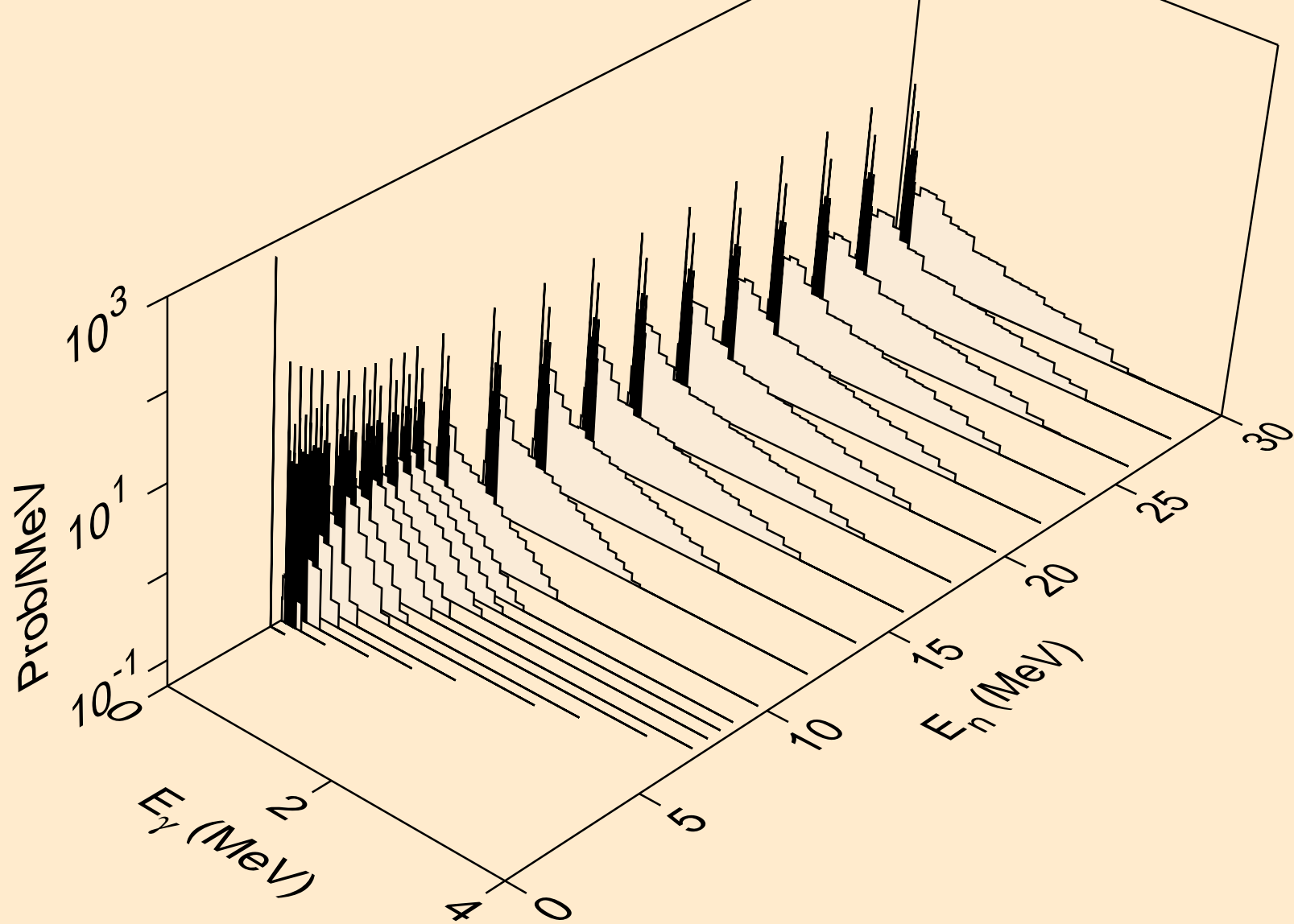
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



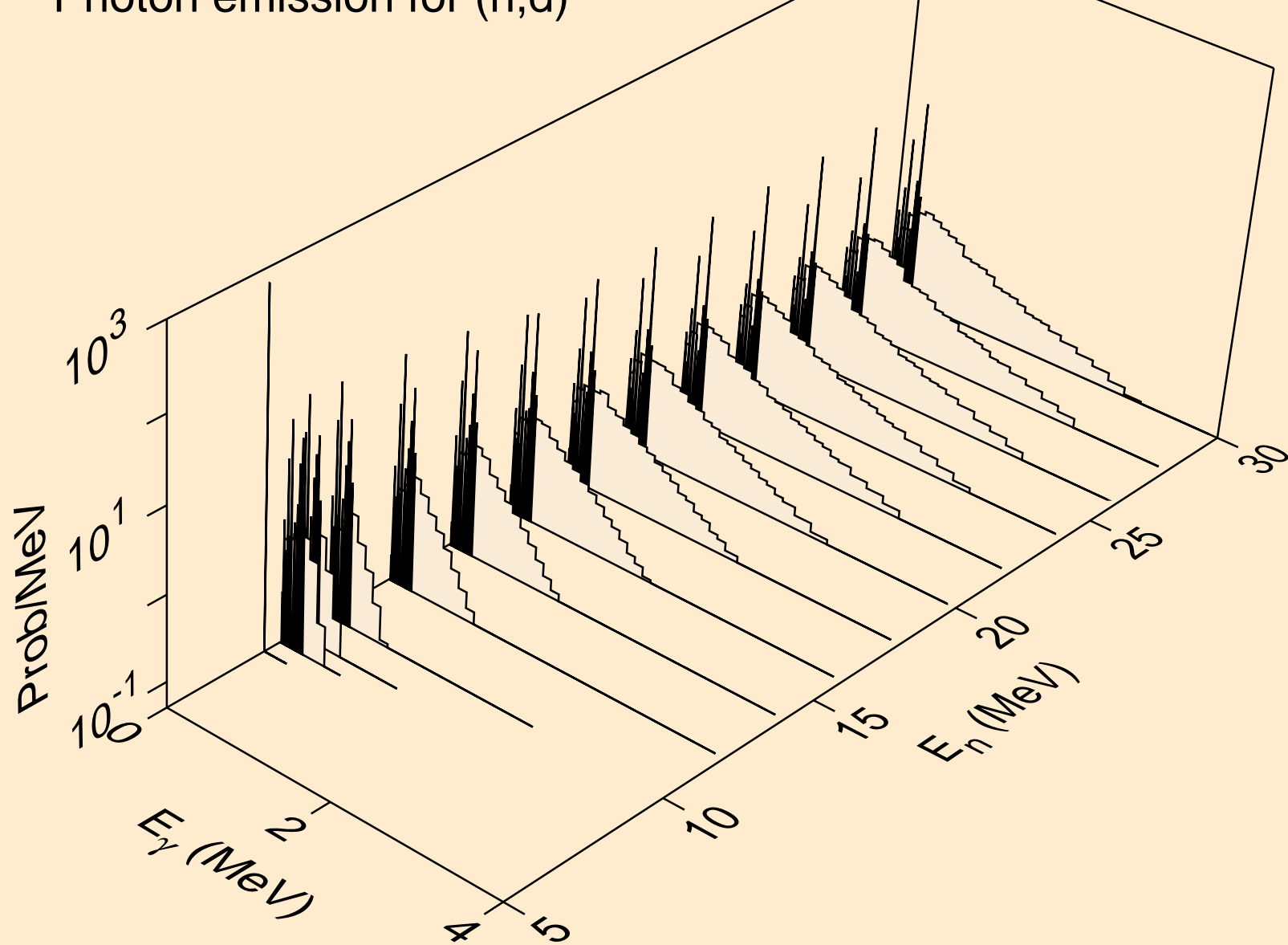
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Photon emission for (n,gma)



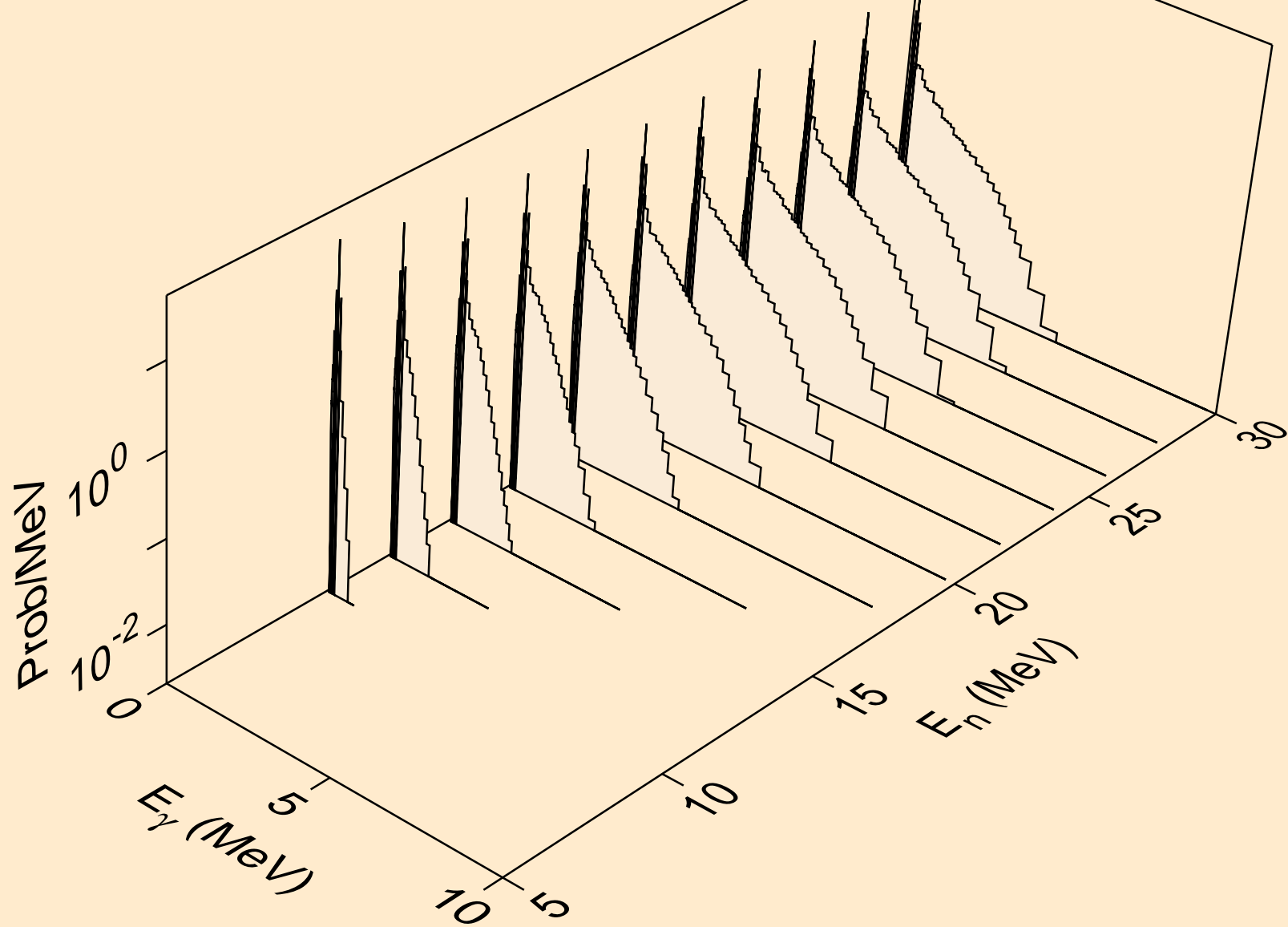
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



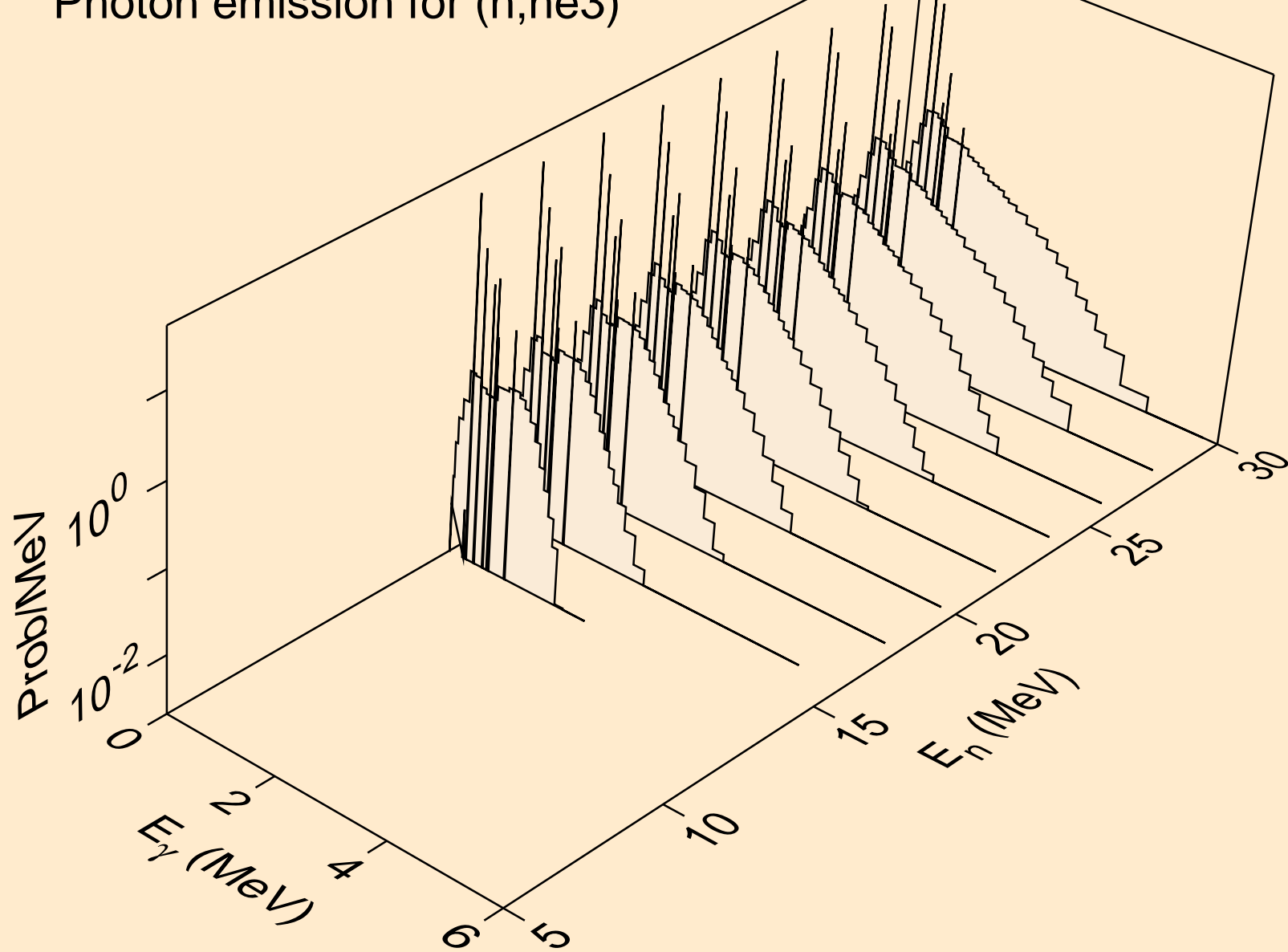
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Photon emission for (n,d)



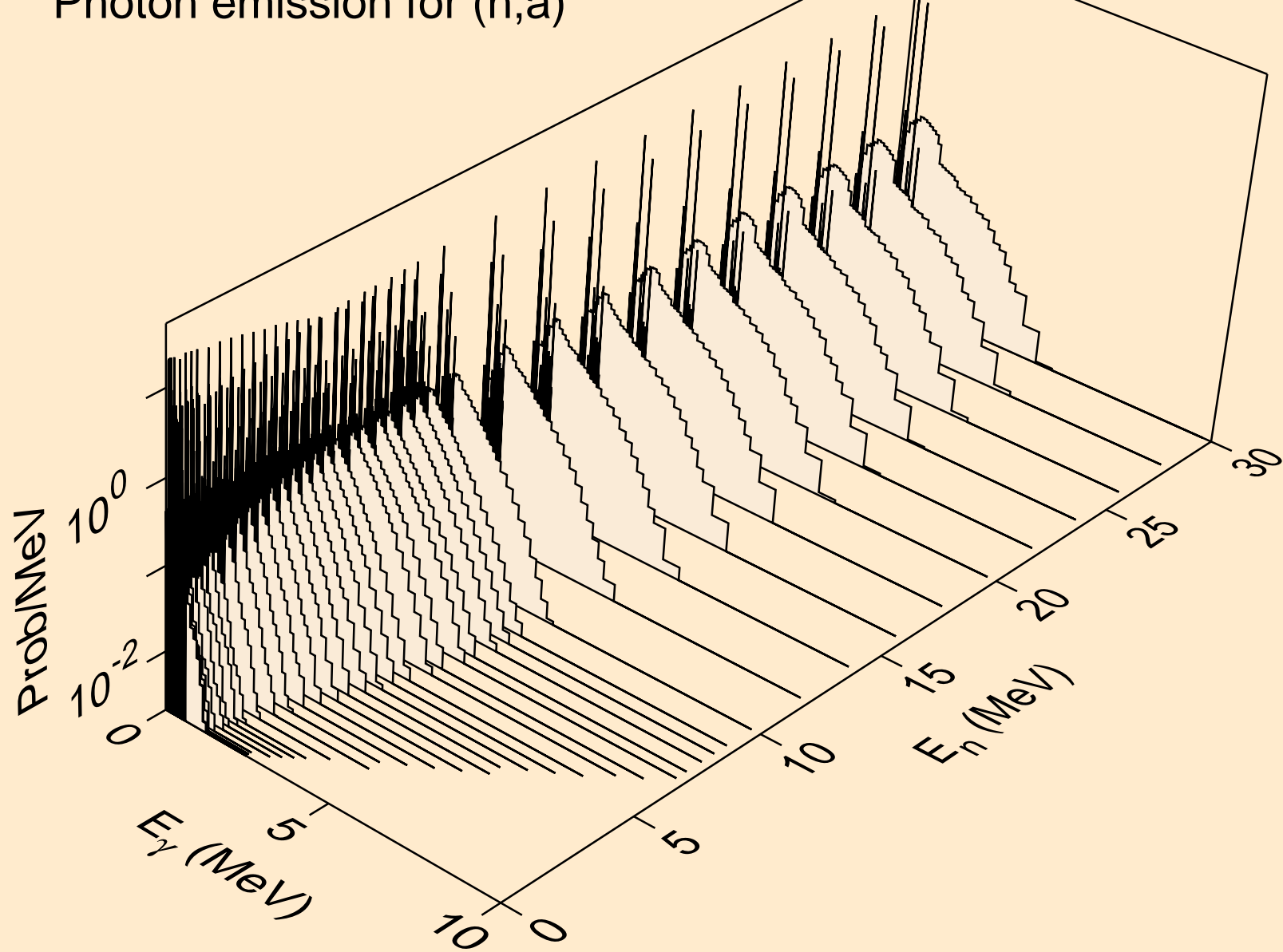
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Photon emission for (n,t)



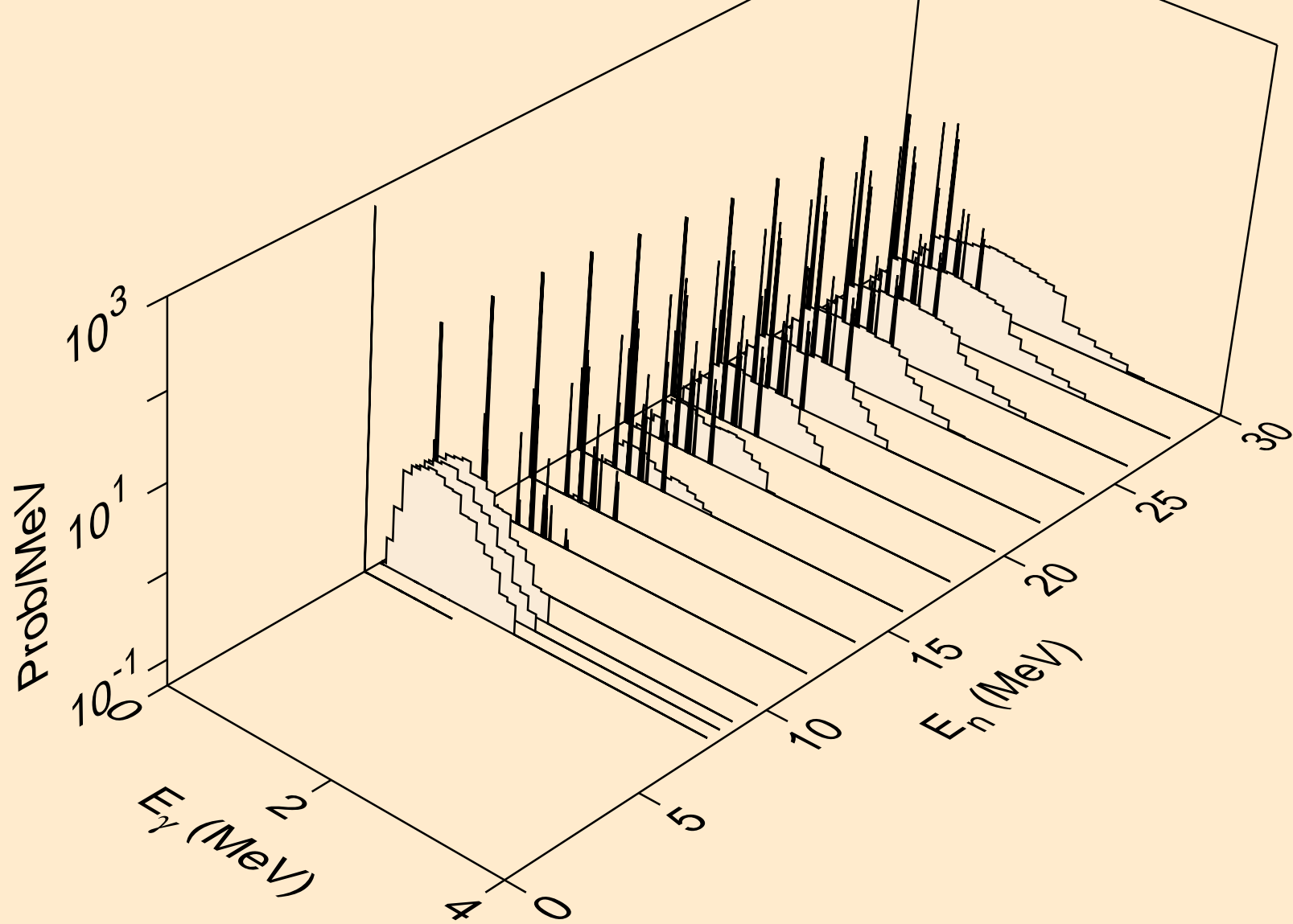
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

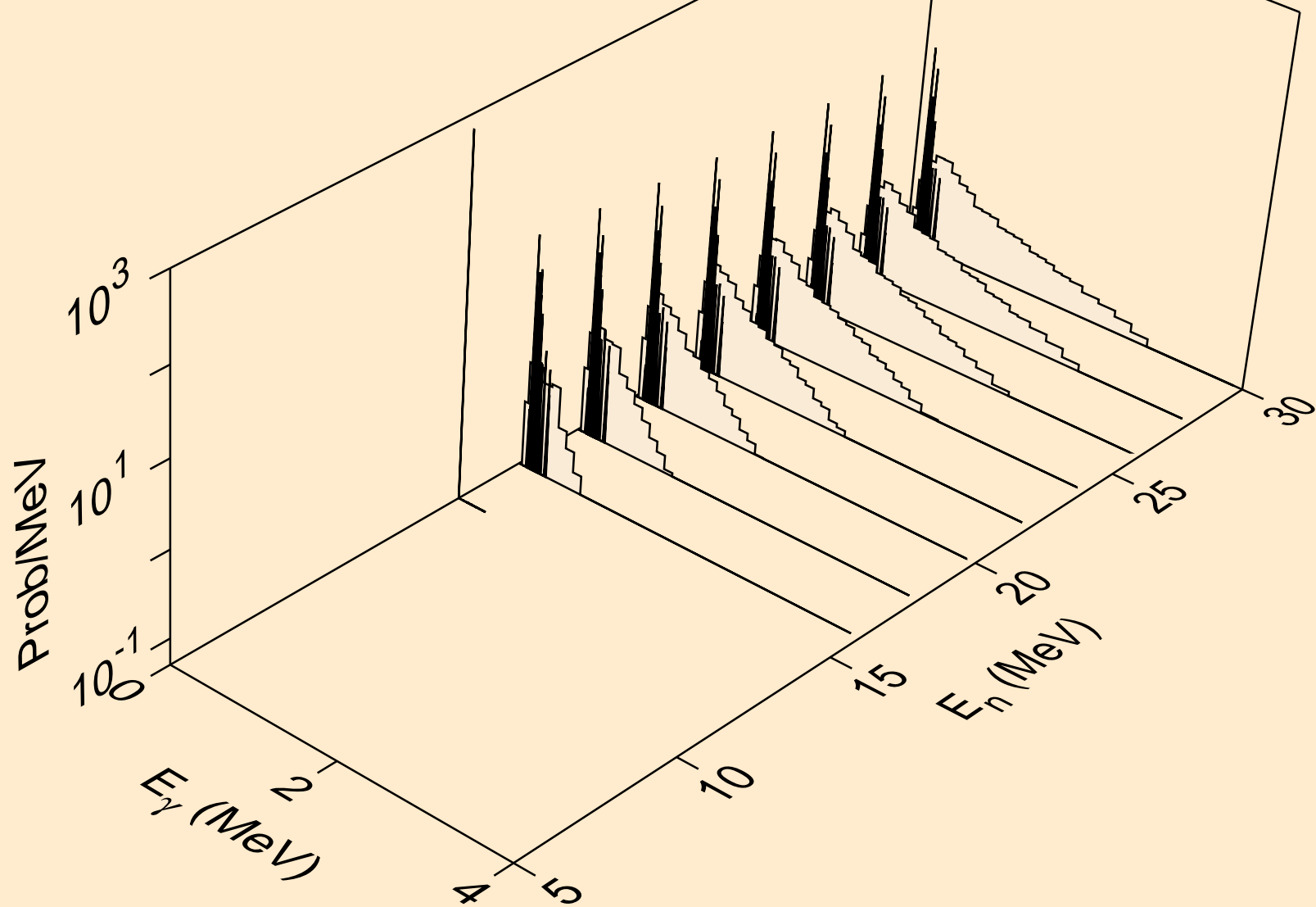


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Photon emission for (n,2a)

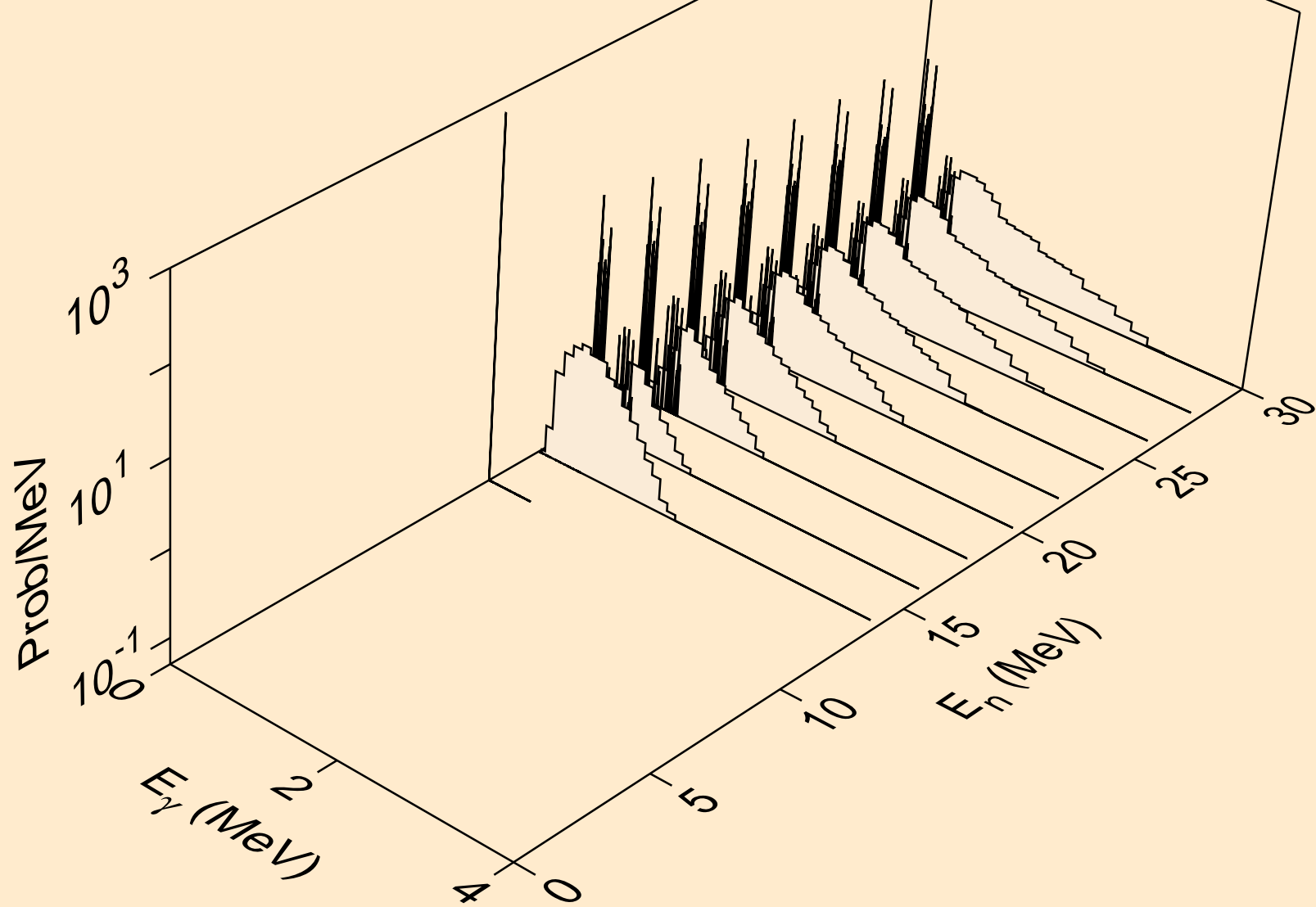




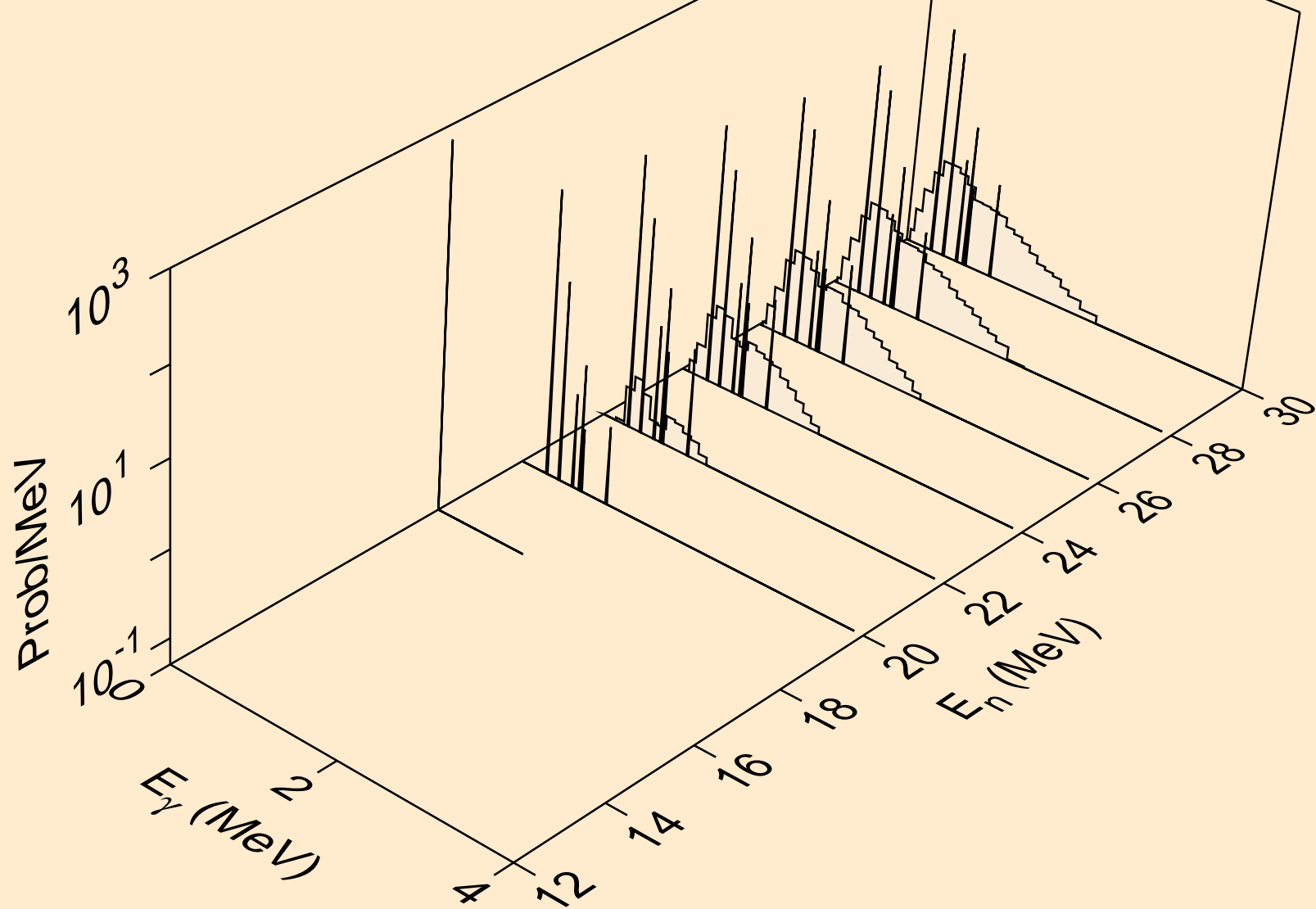
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Photon emission for (n,2p)



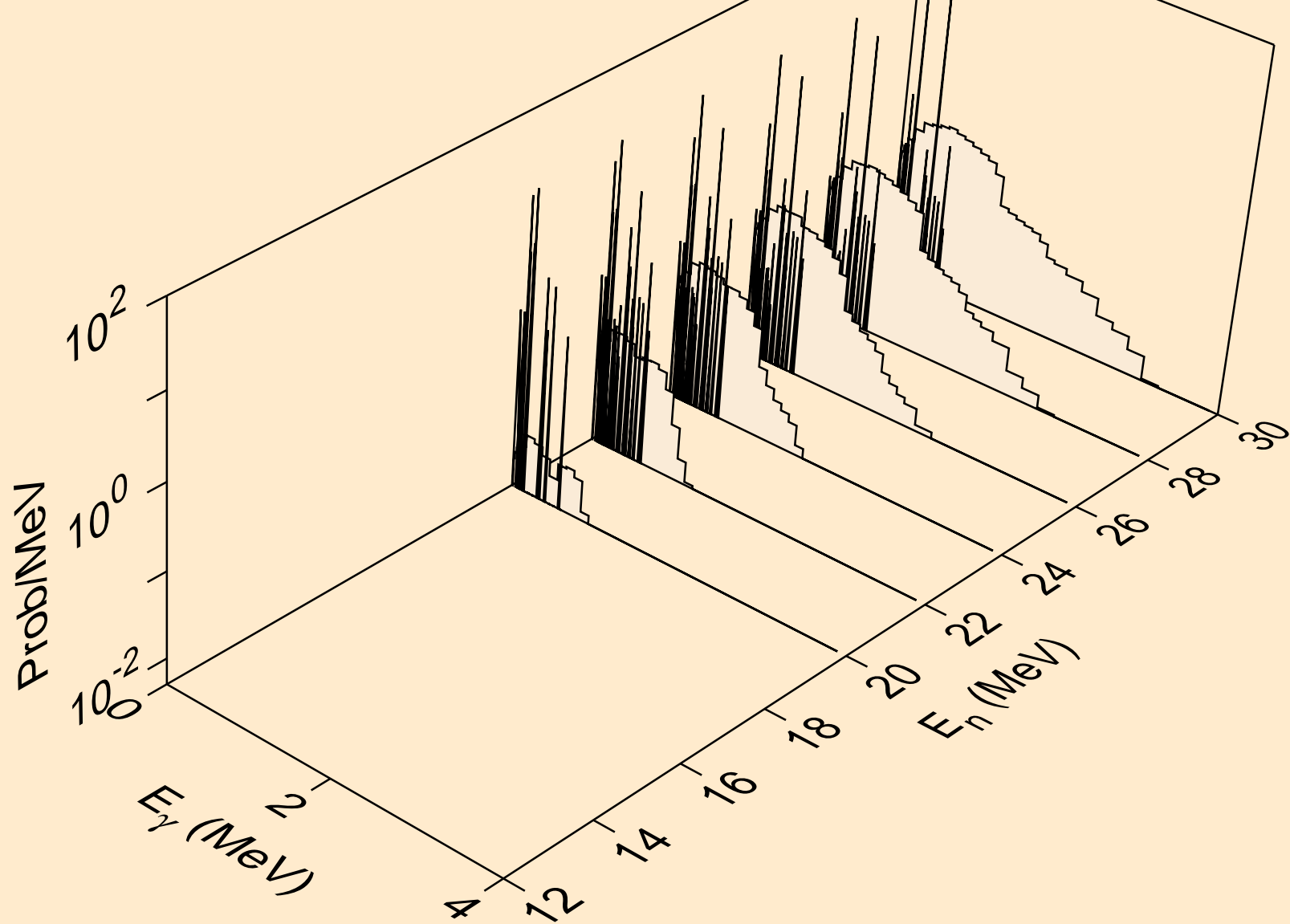
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Photon emission for (n,p)



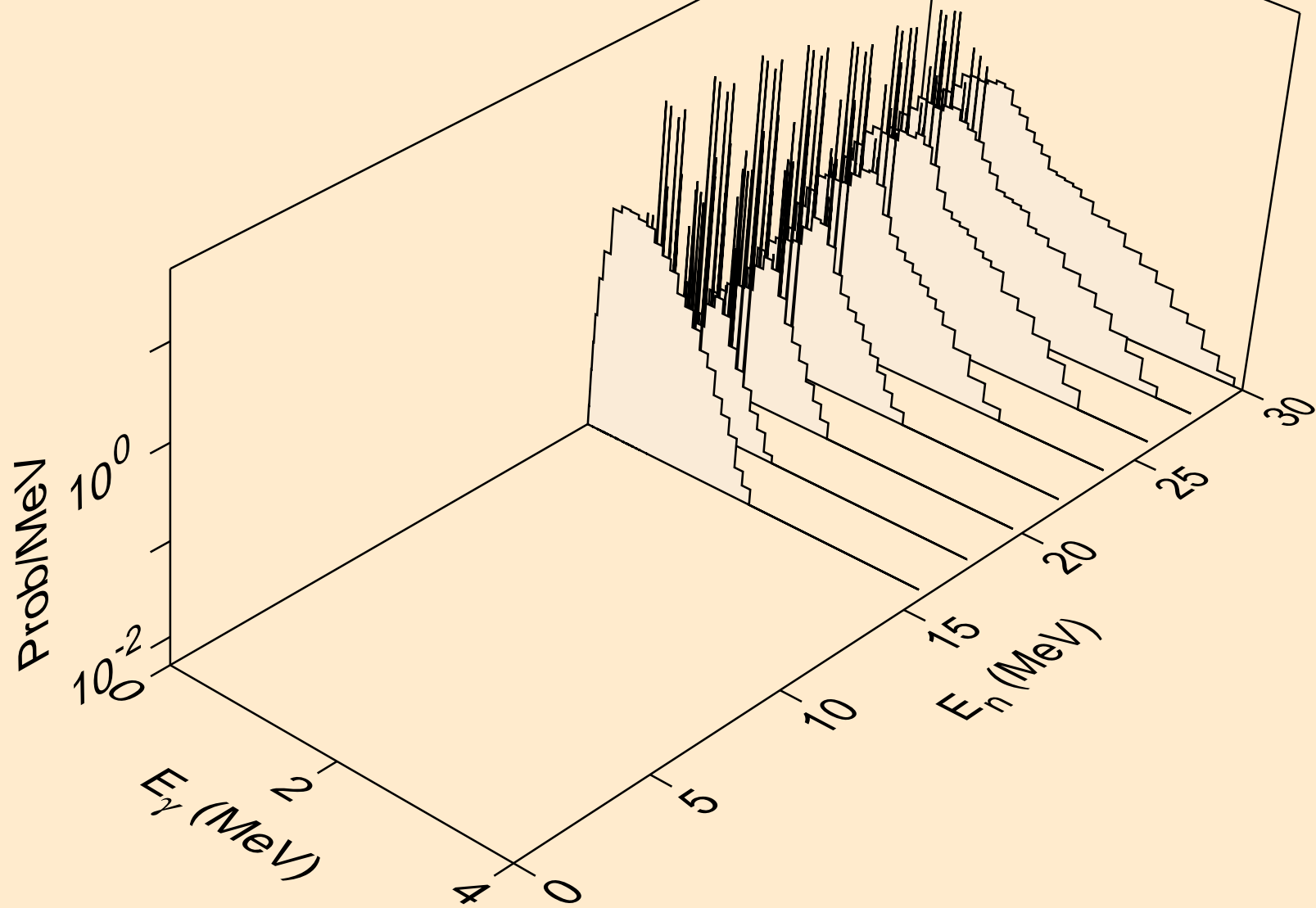
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



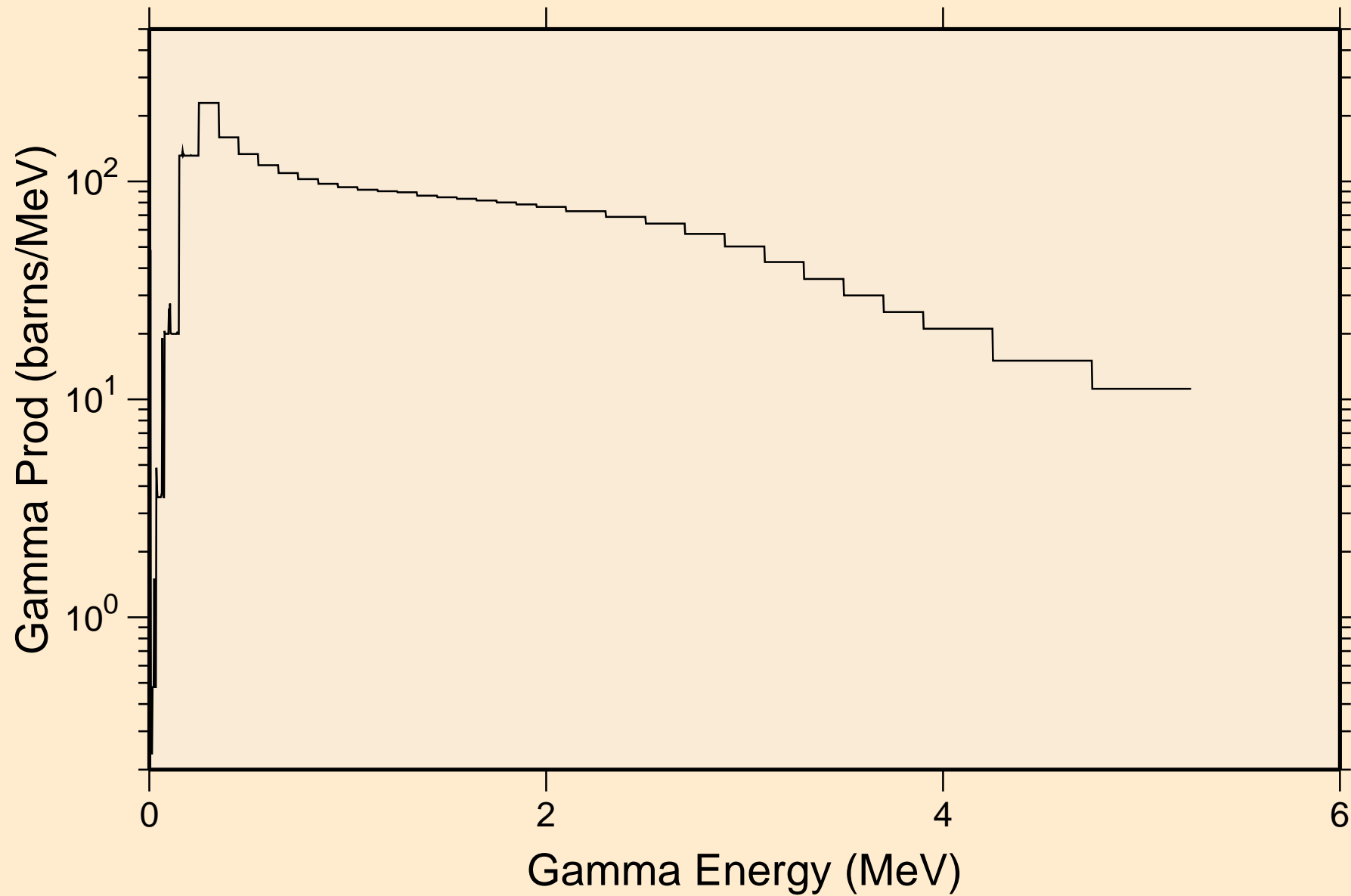
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



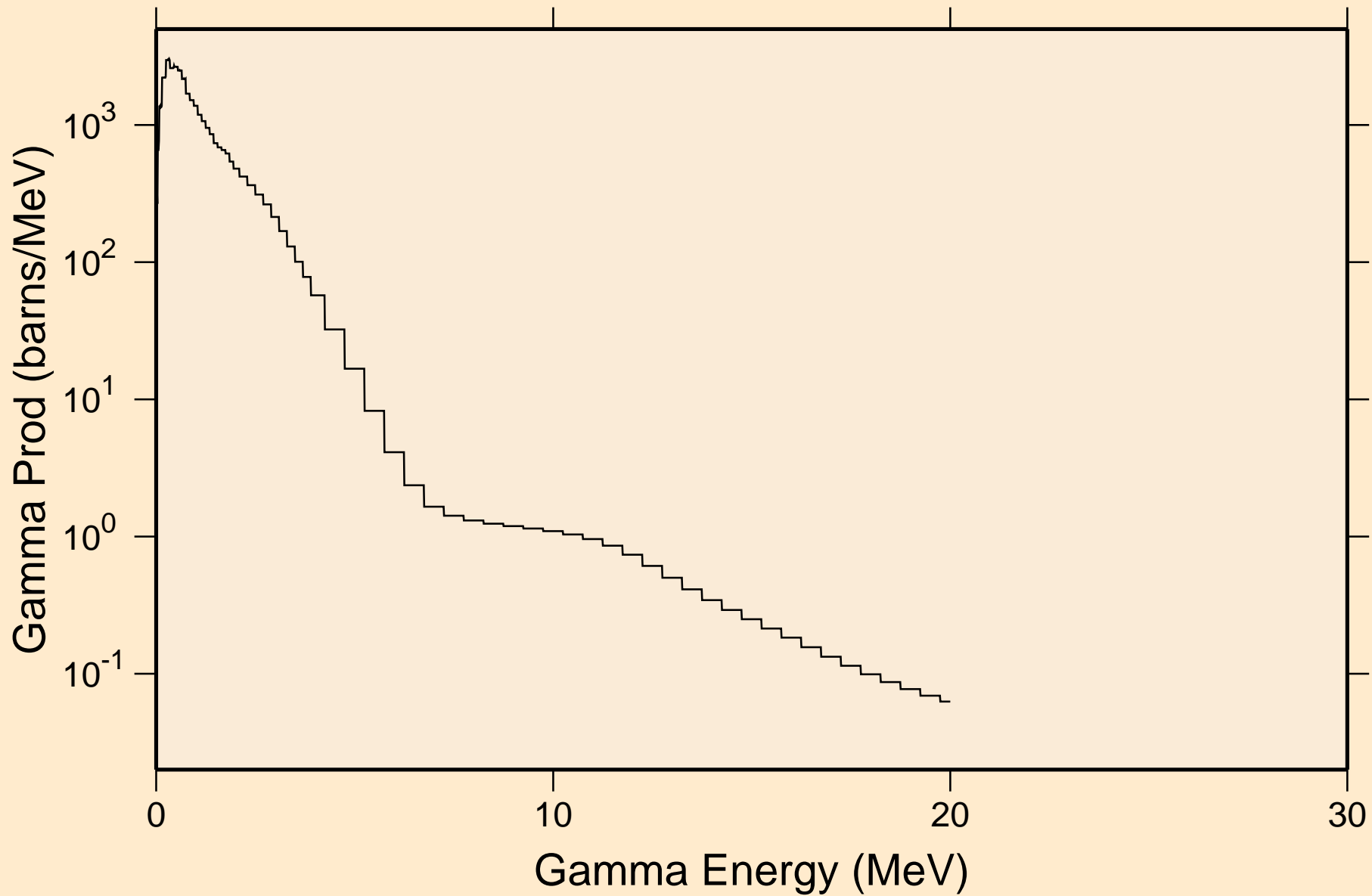
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



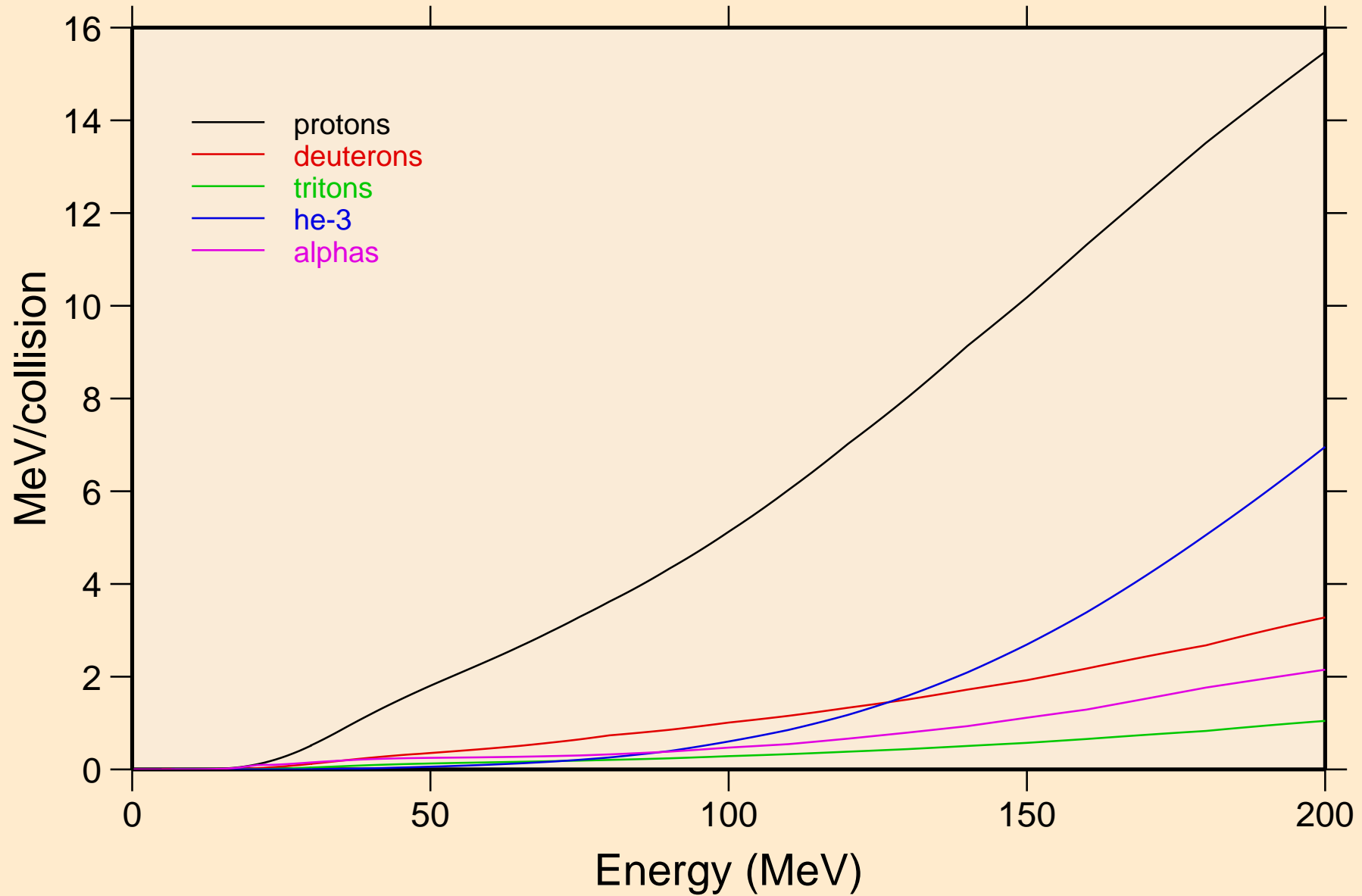
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

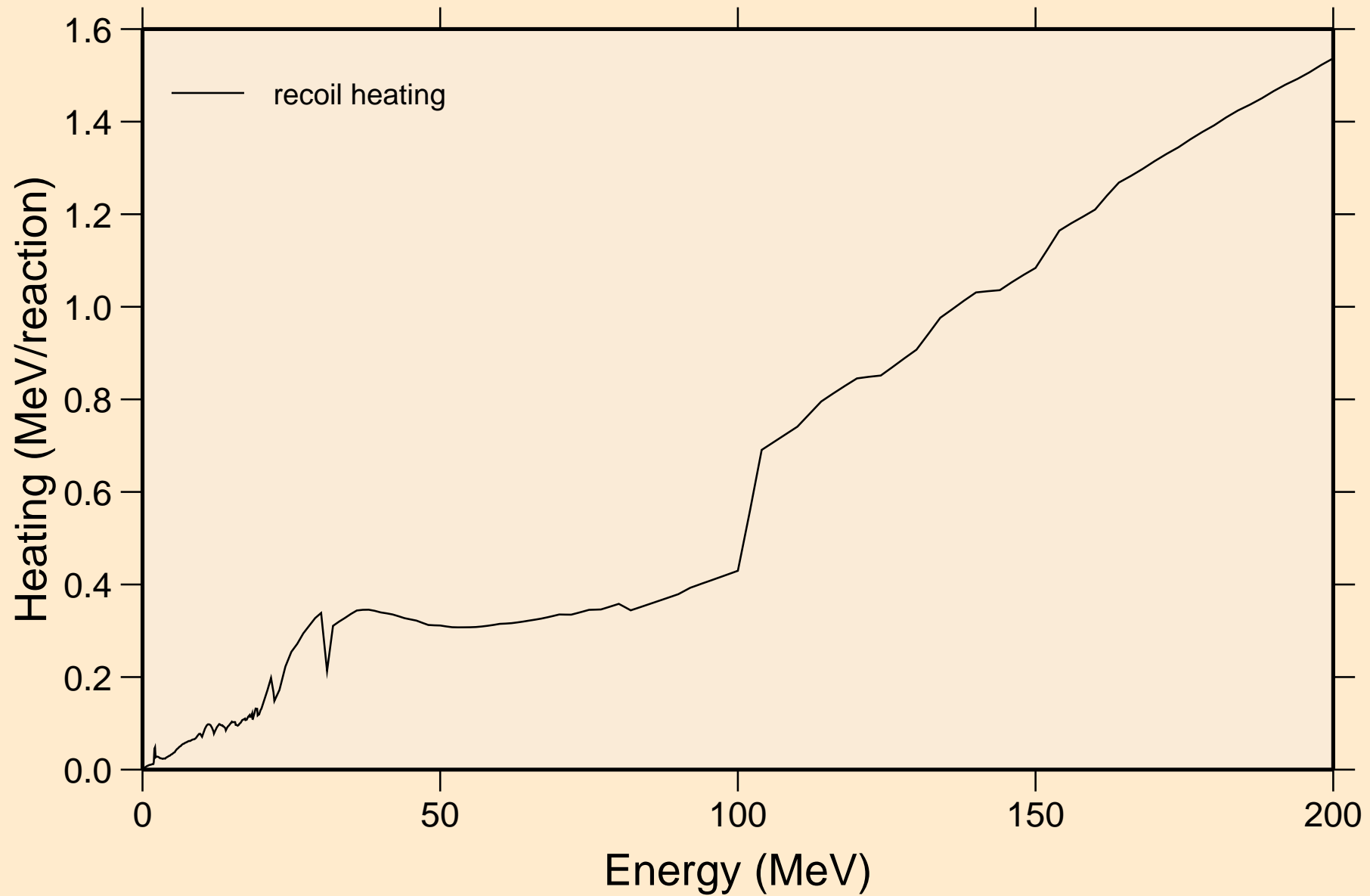


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions

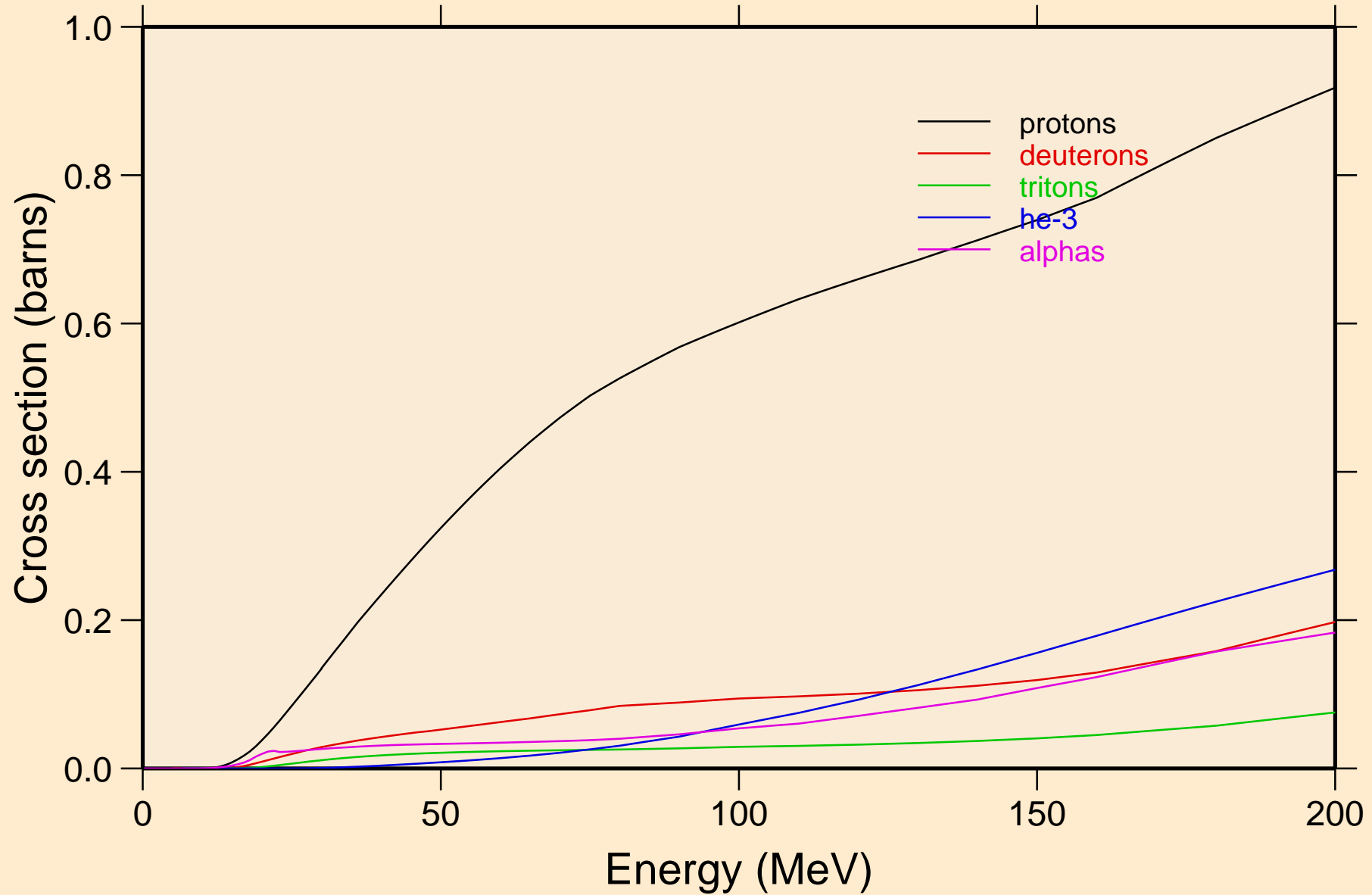




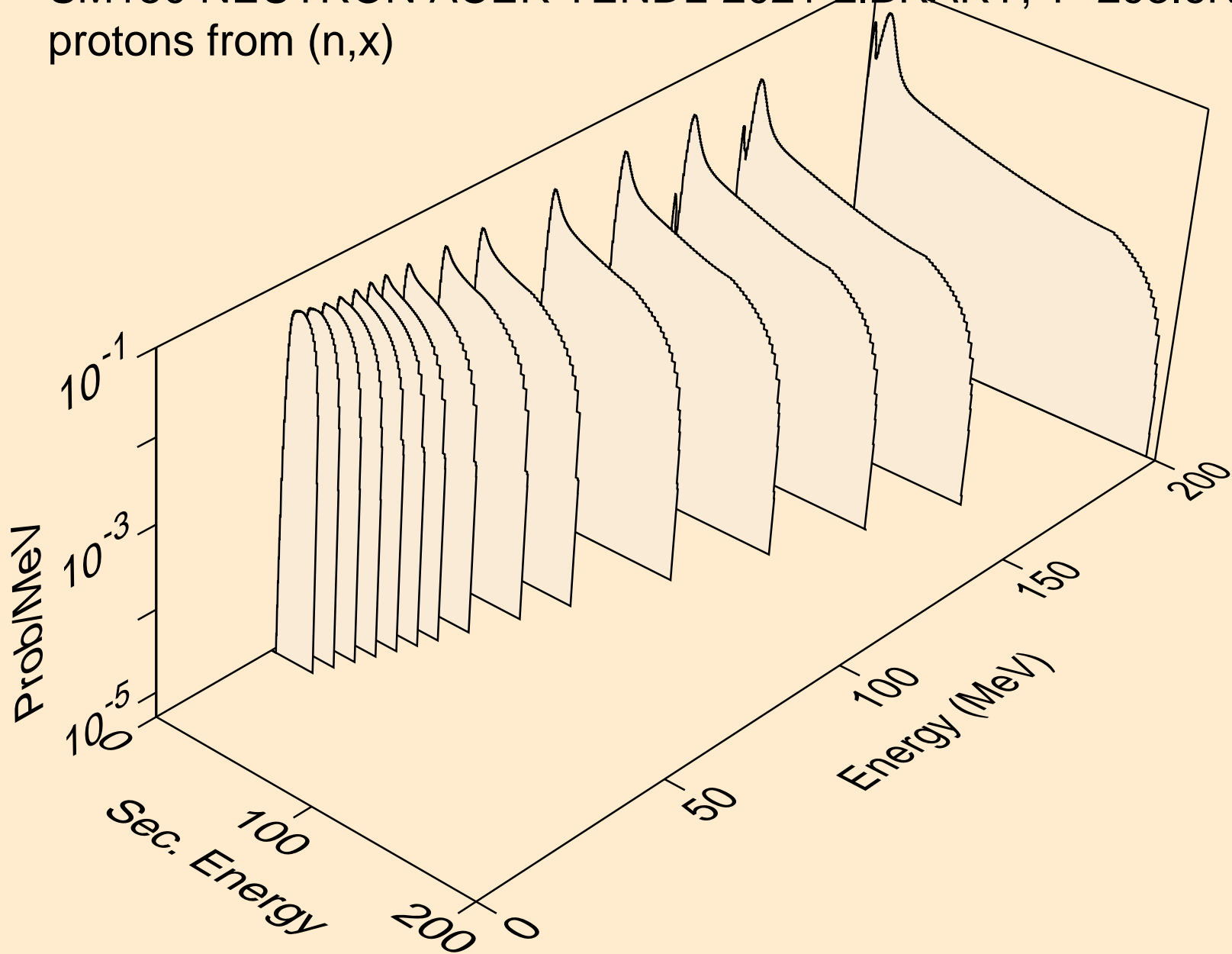
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Recoil Heating



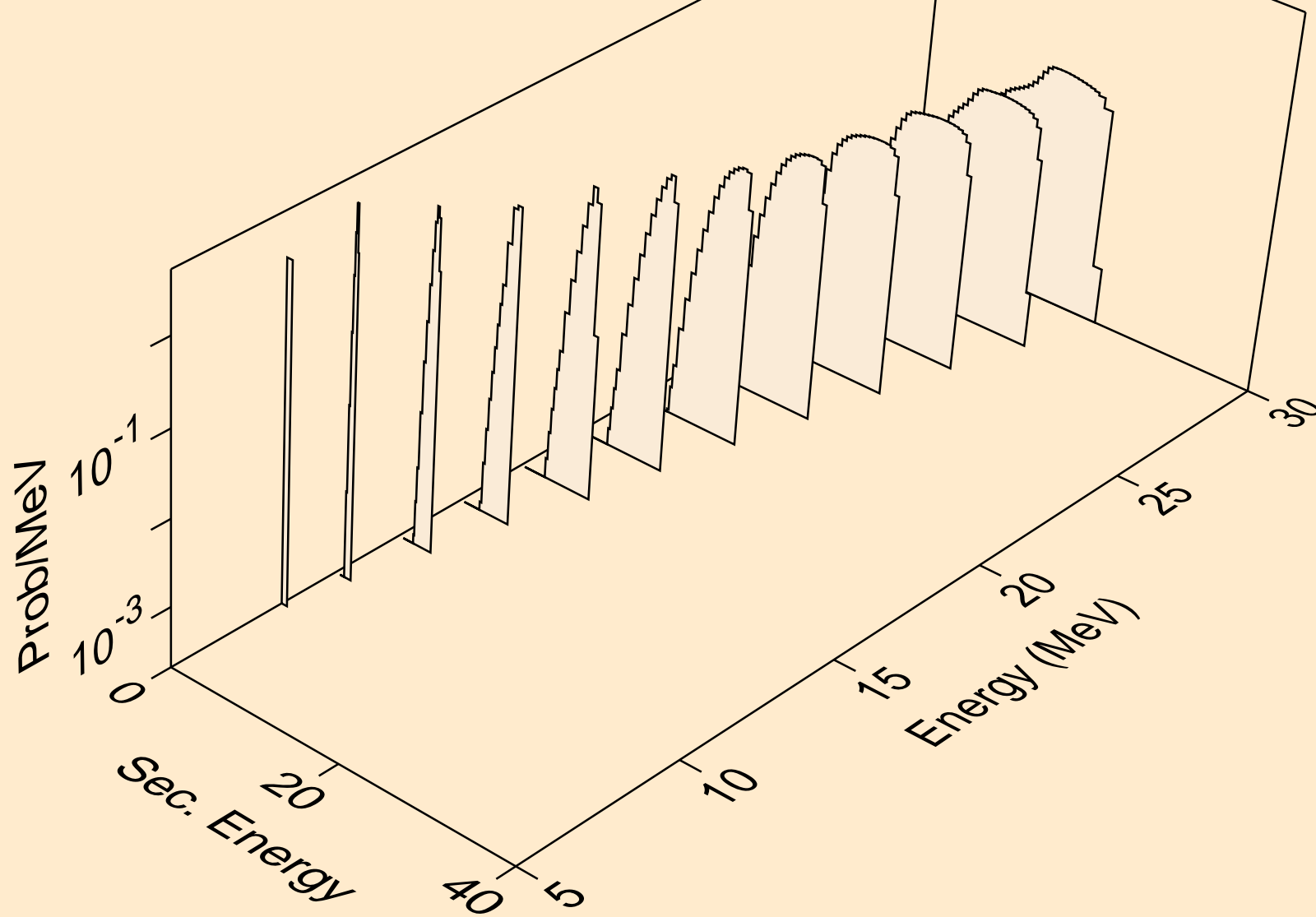
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



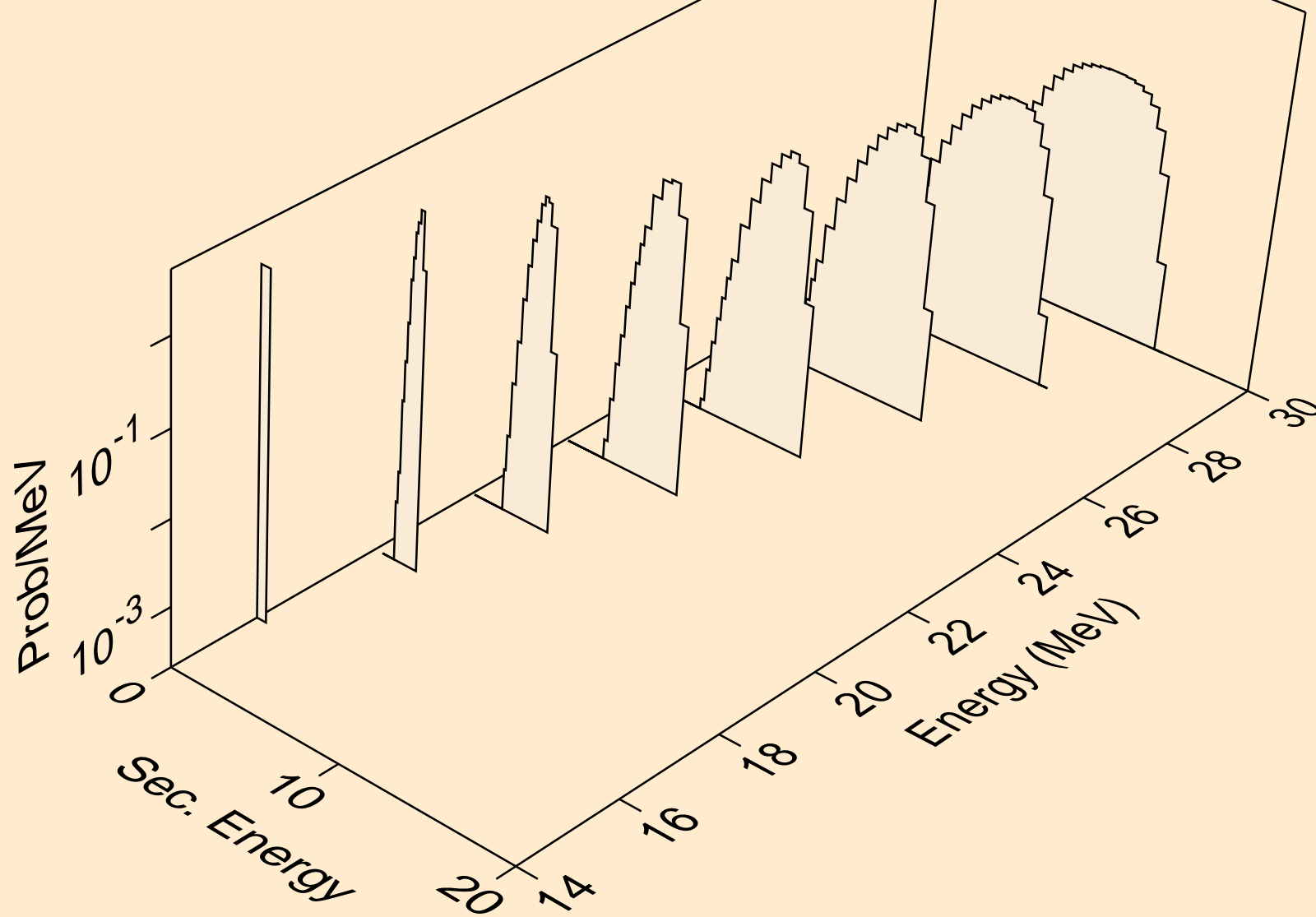
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



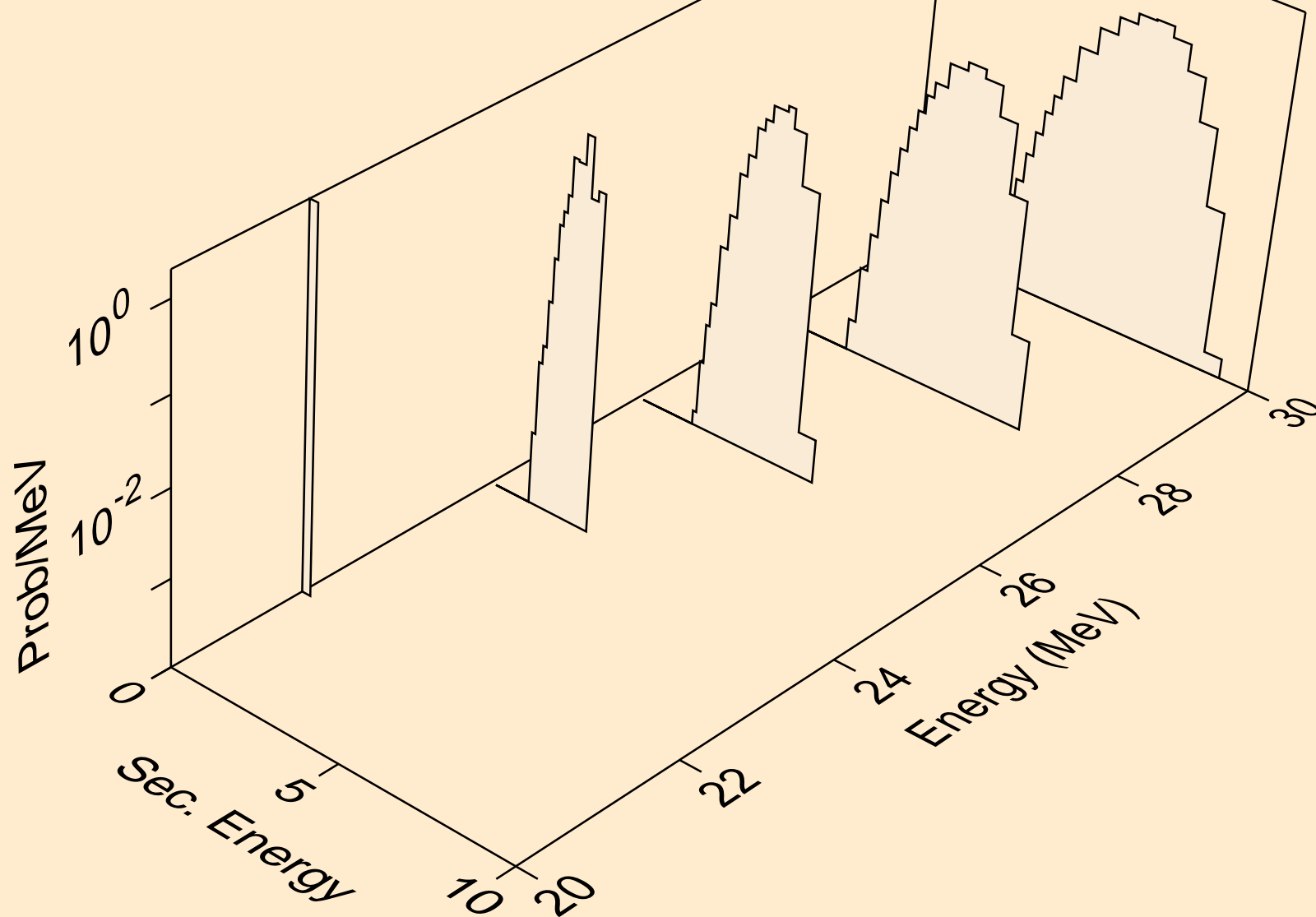
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protons from (n,n\*)p



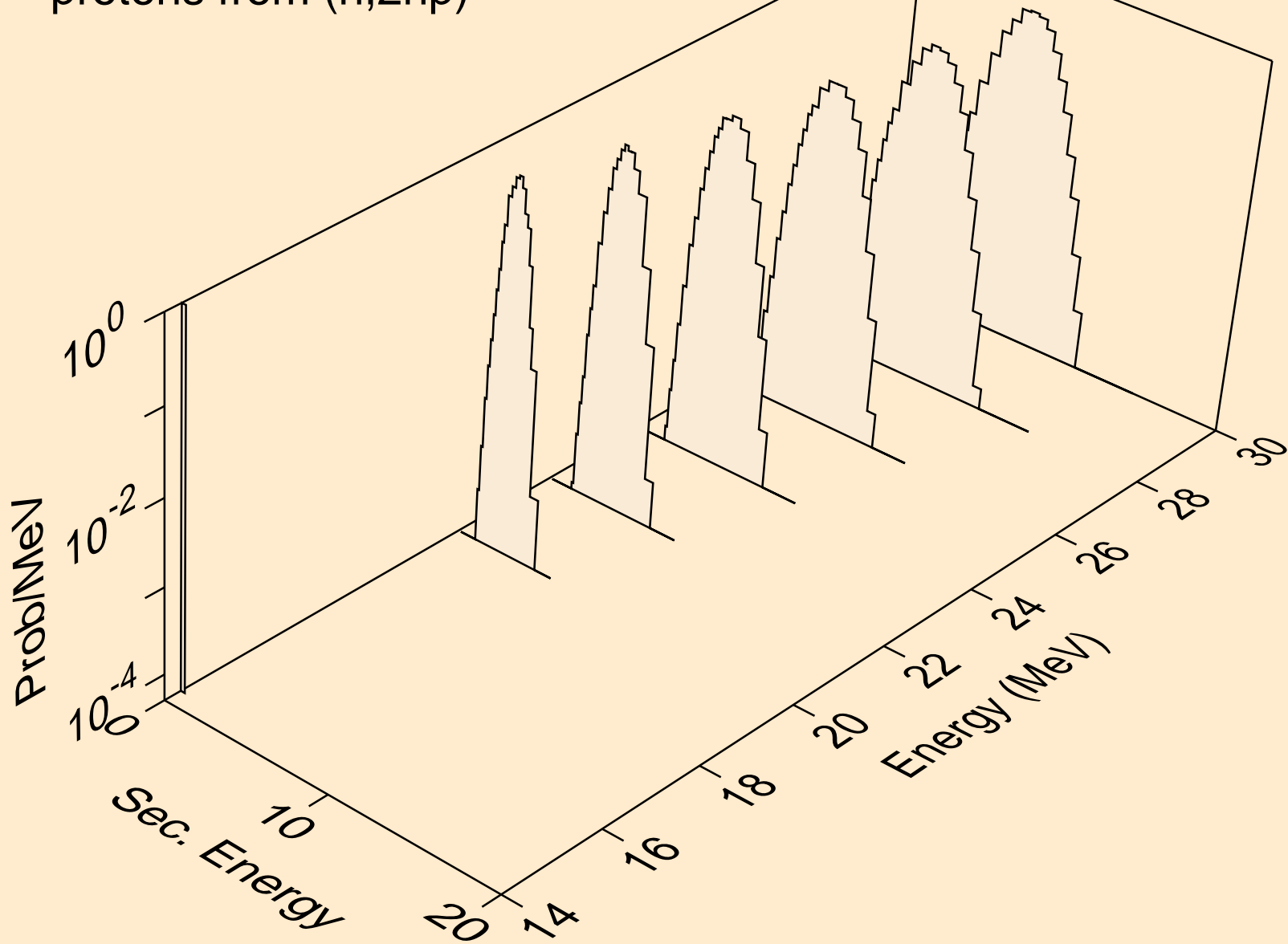
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protons from (n,2np)



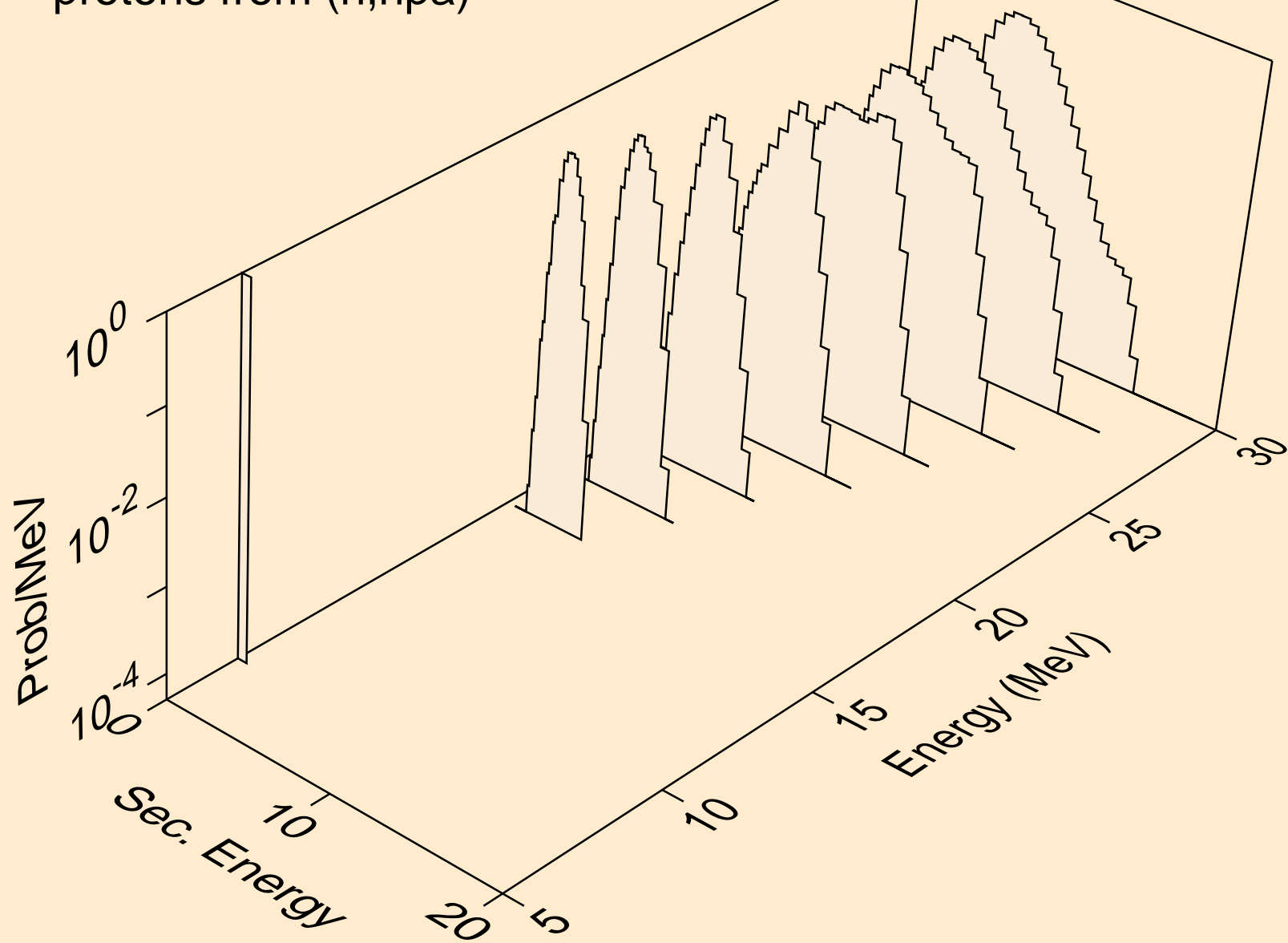
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protons from (n,3np)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

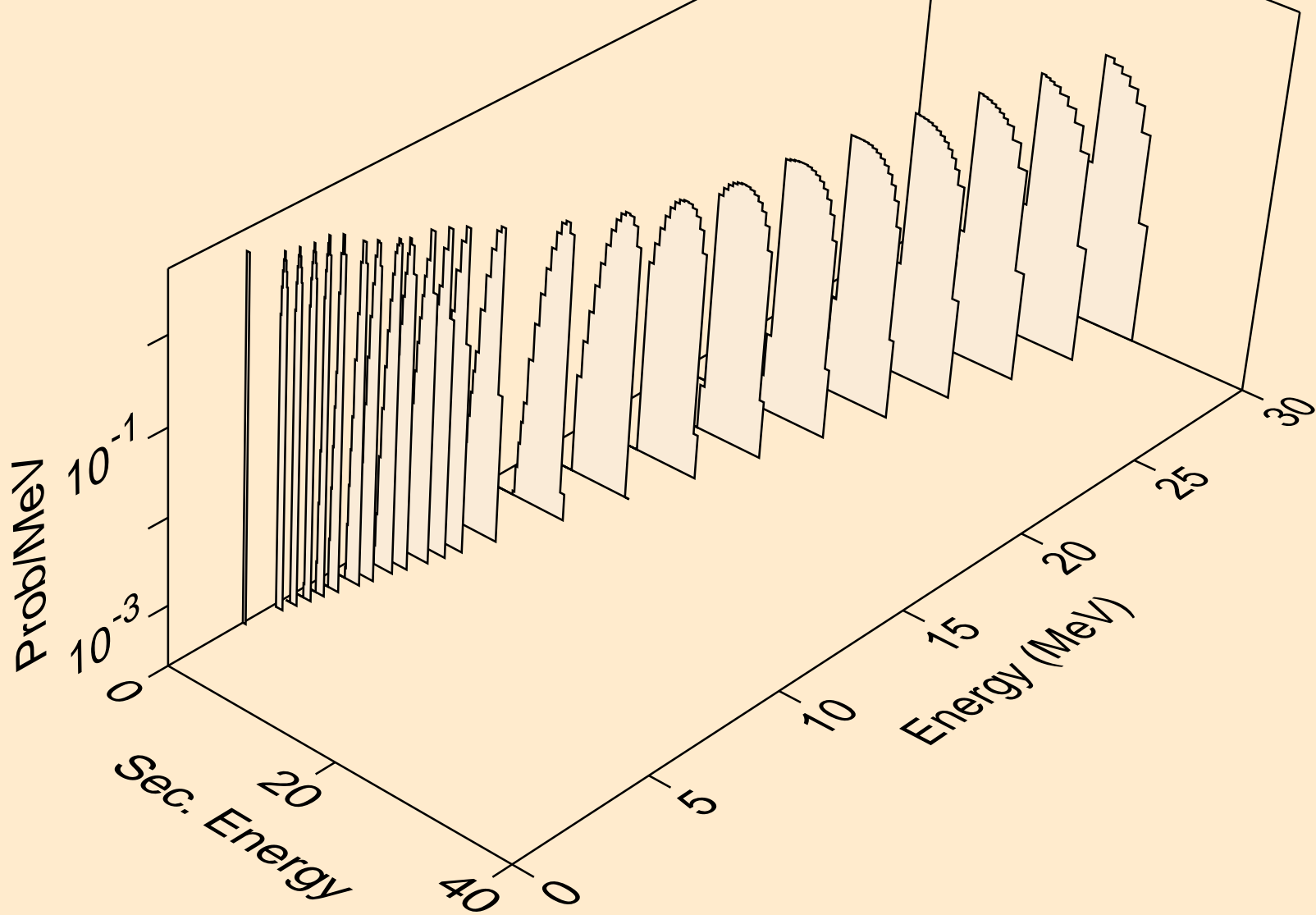


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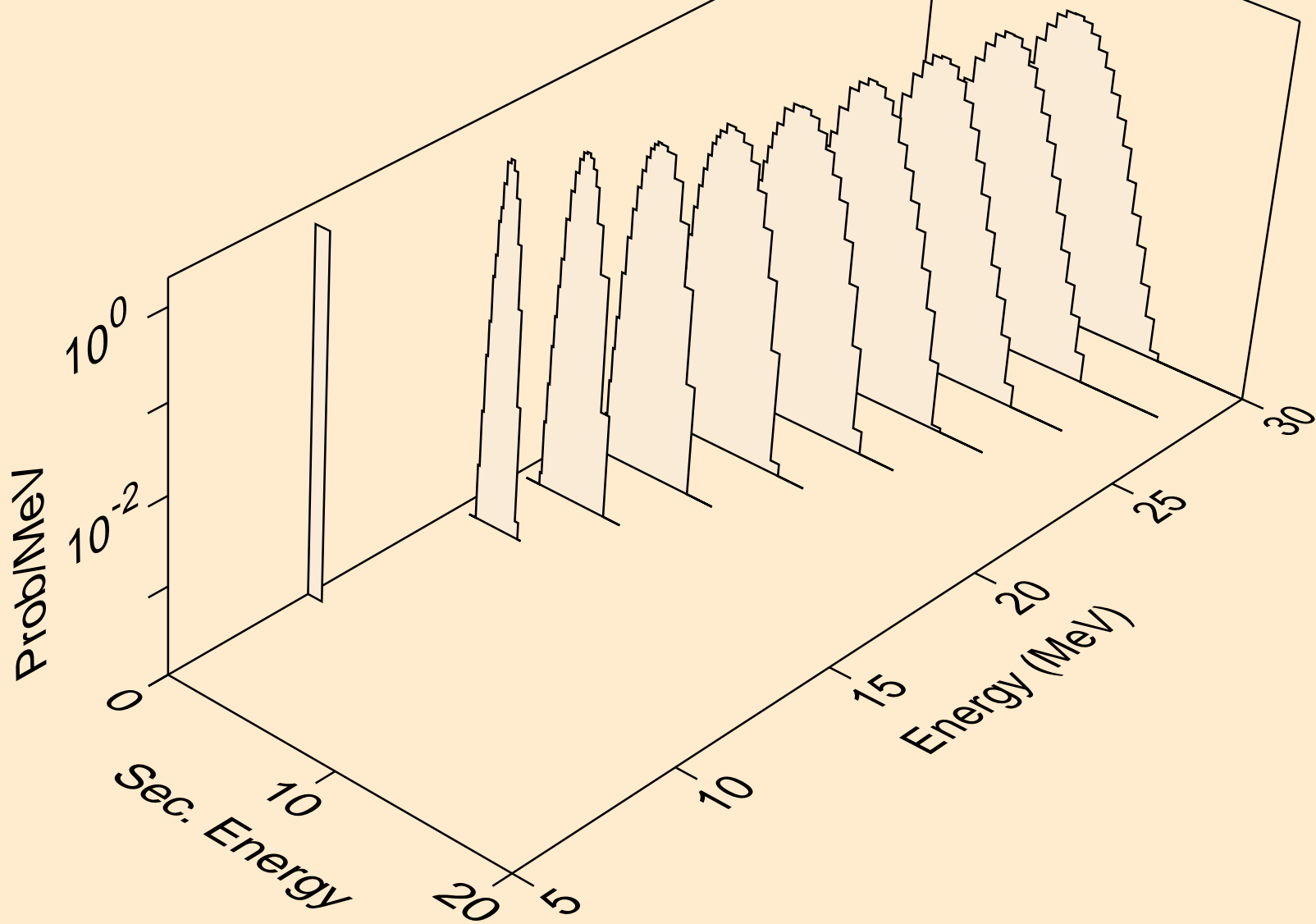




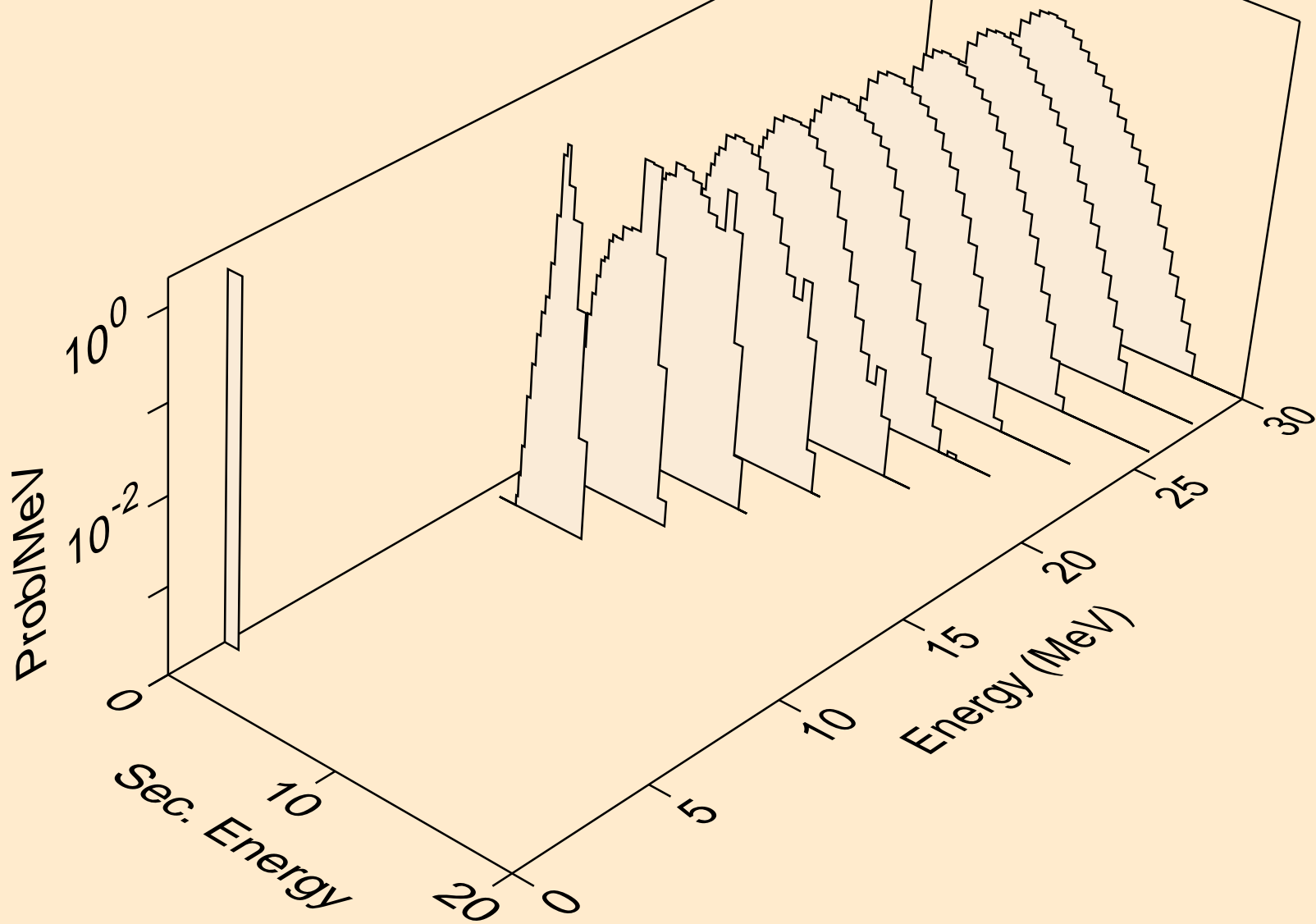
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protons from (n,p)



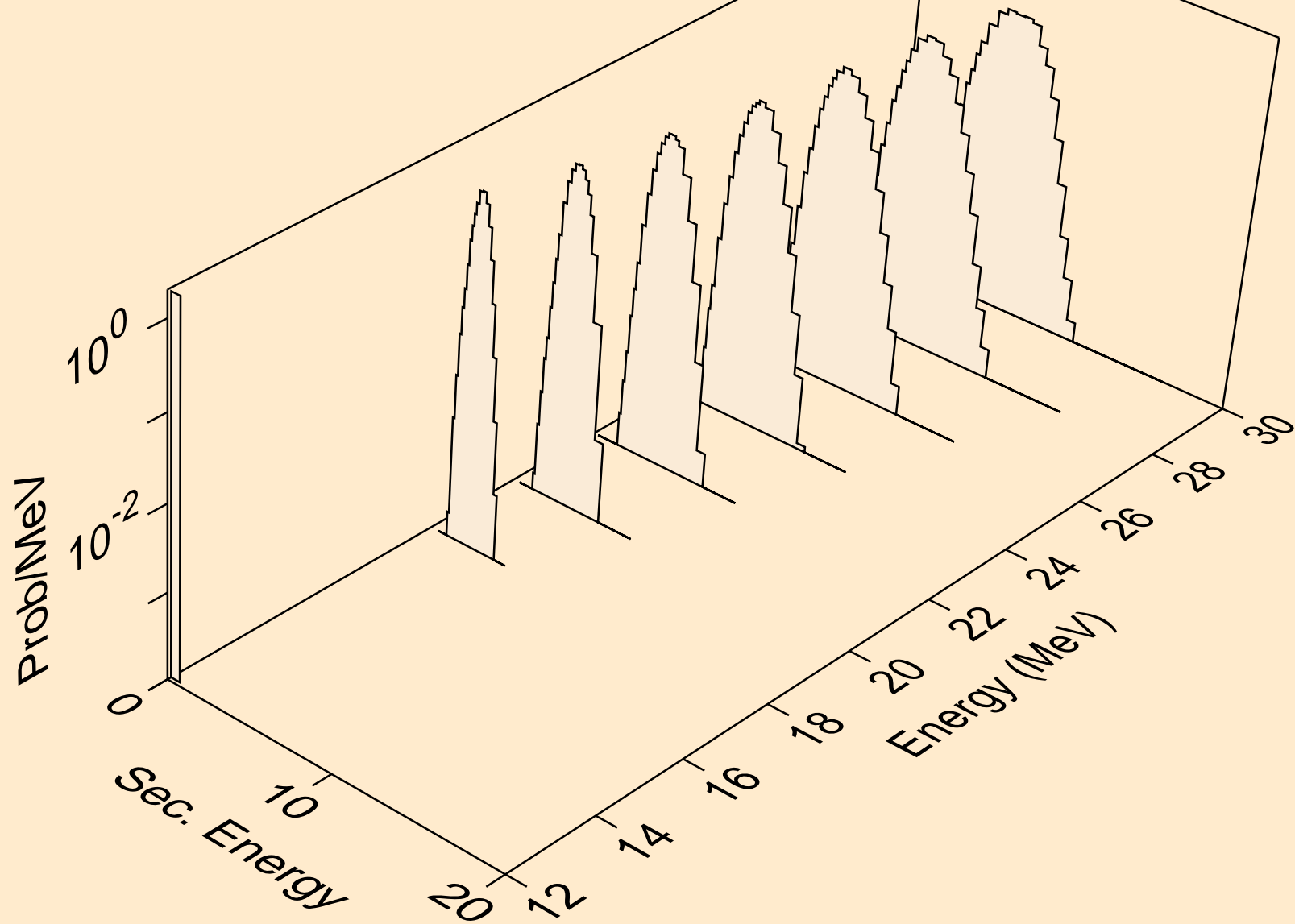
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protons from (n,2p)



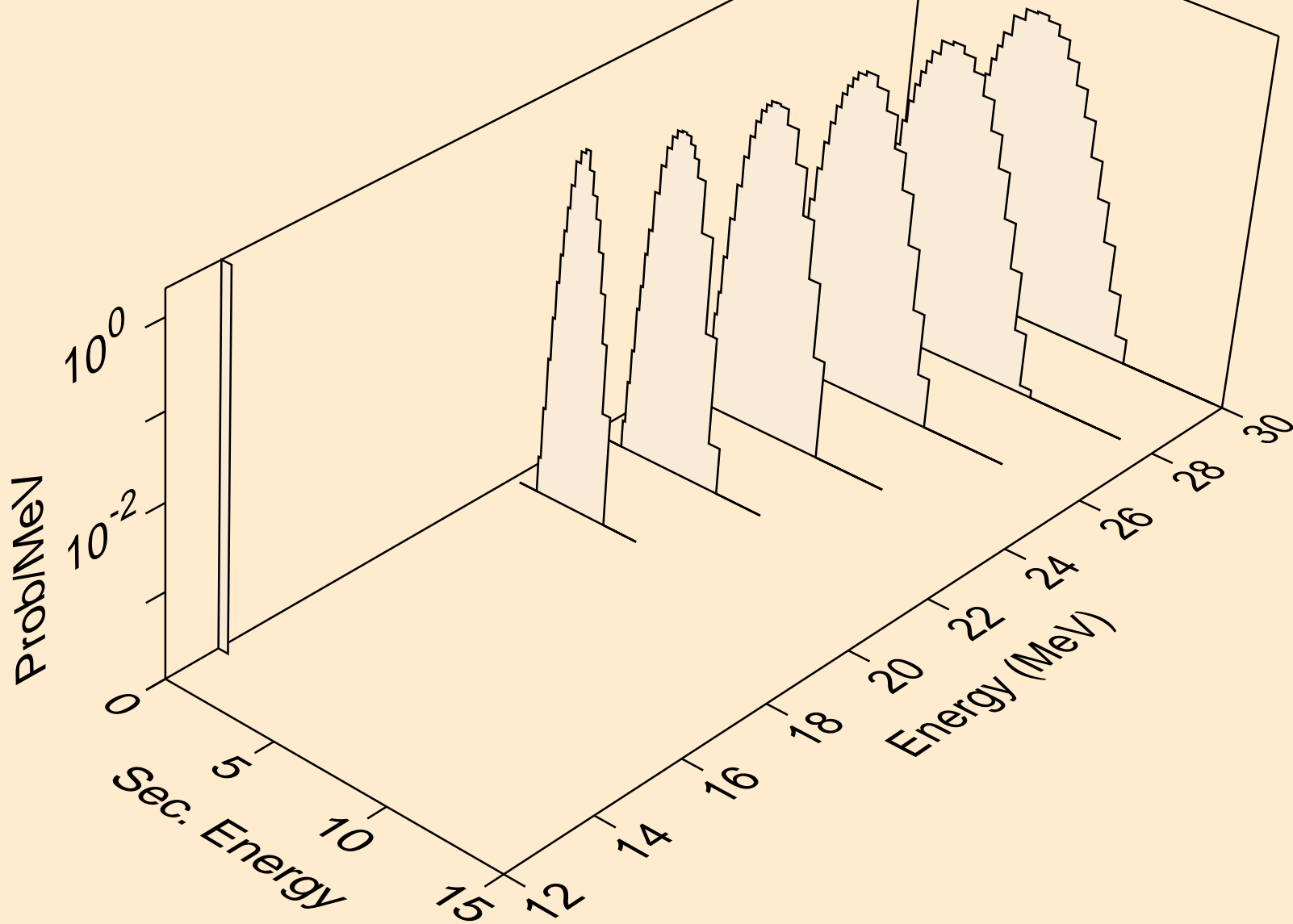
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protons from (n,p)



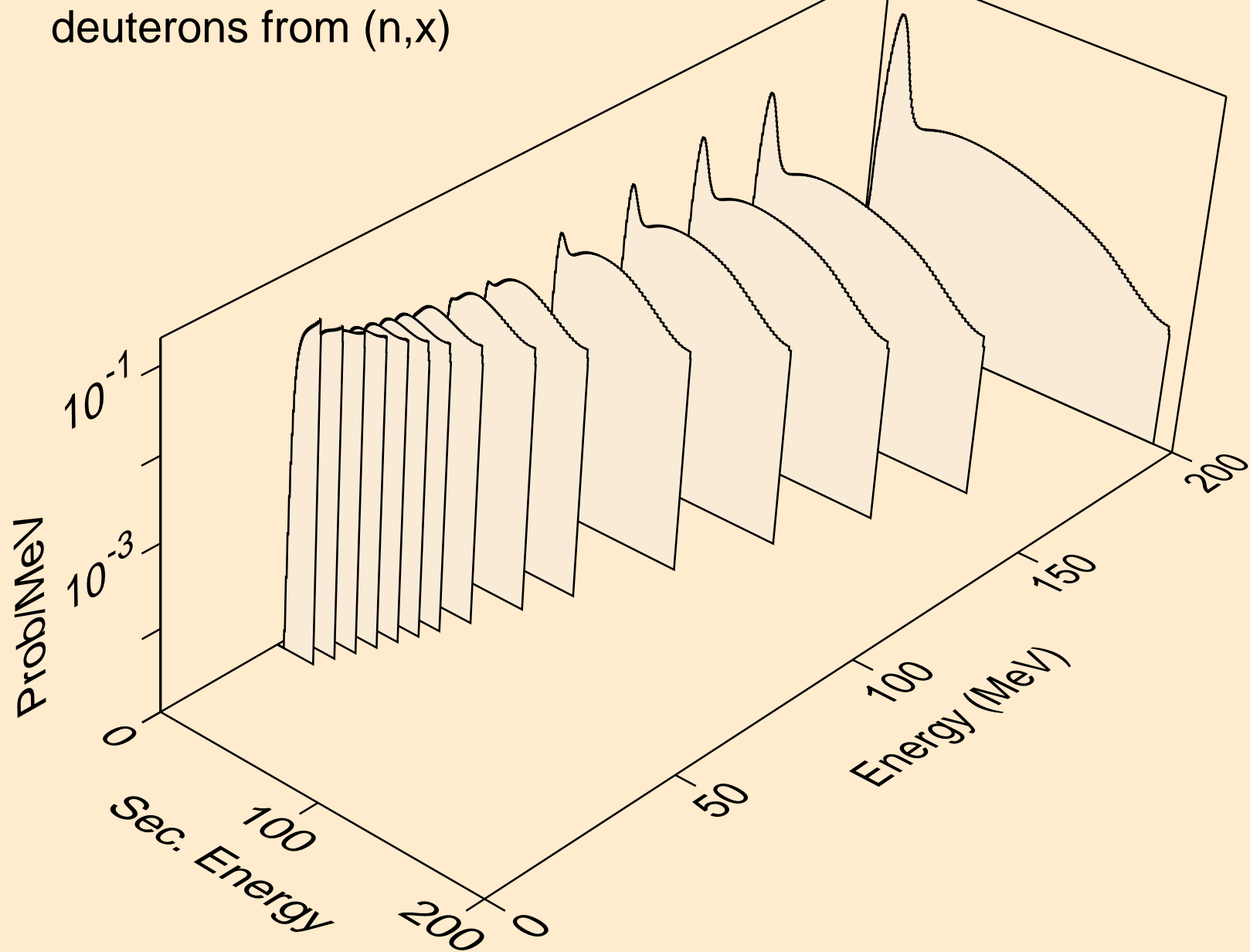
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protons from (n,pd)



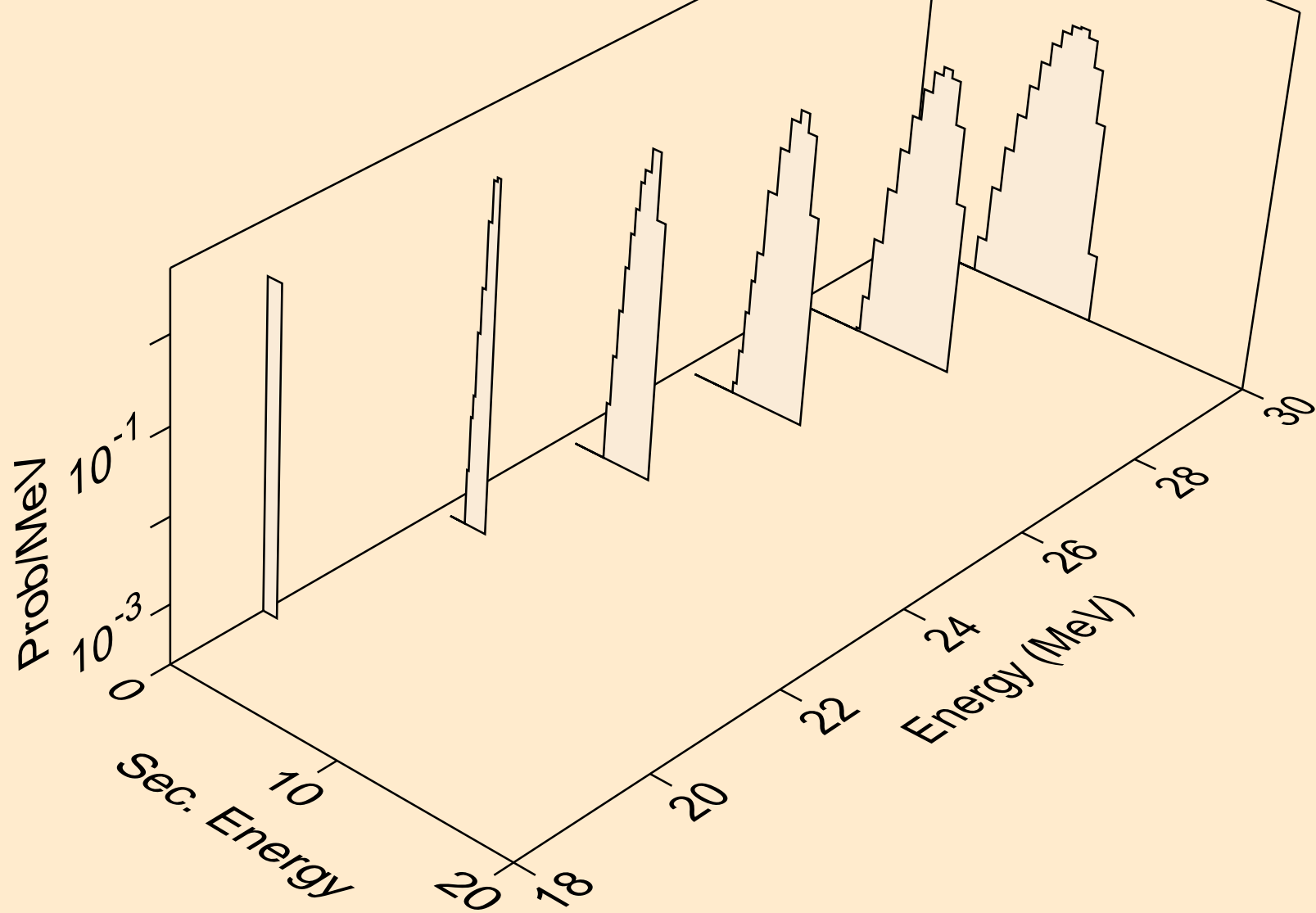
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protons from (n,pt)



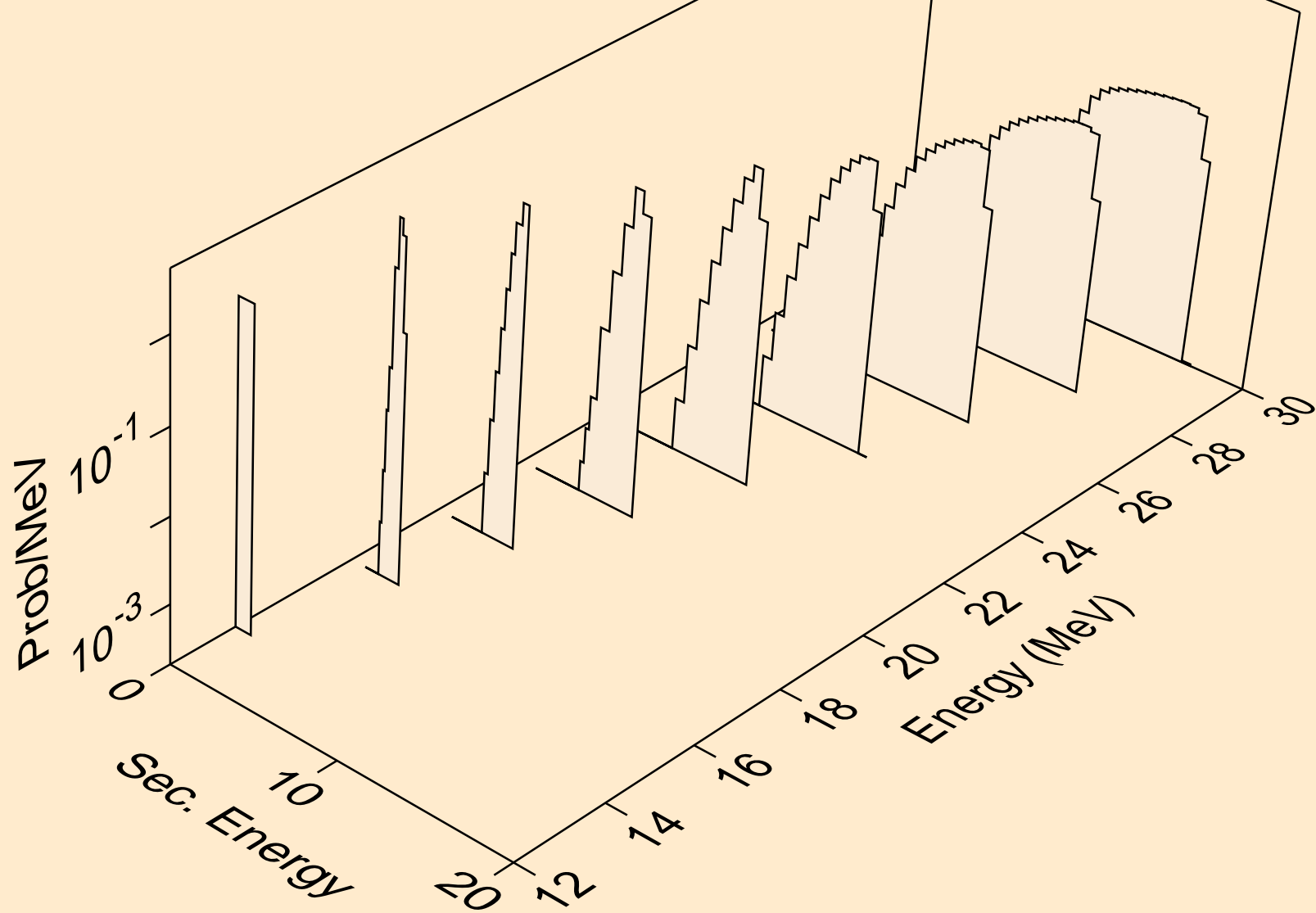
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

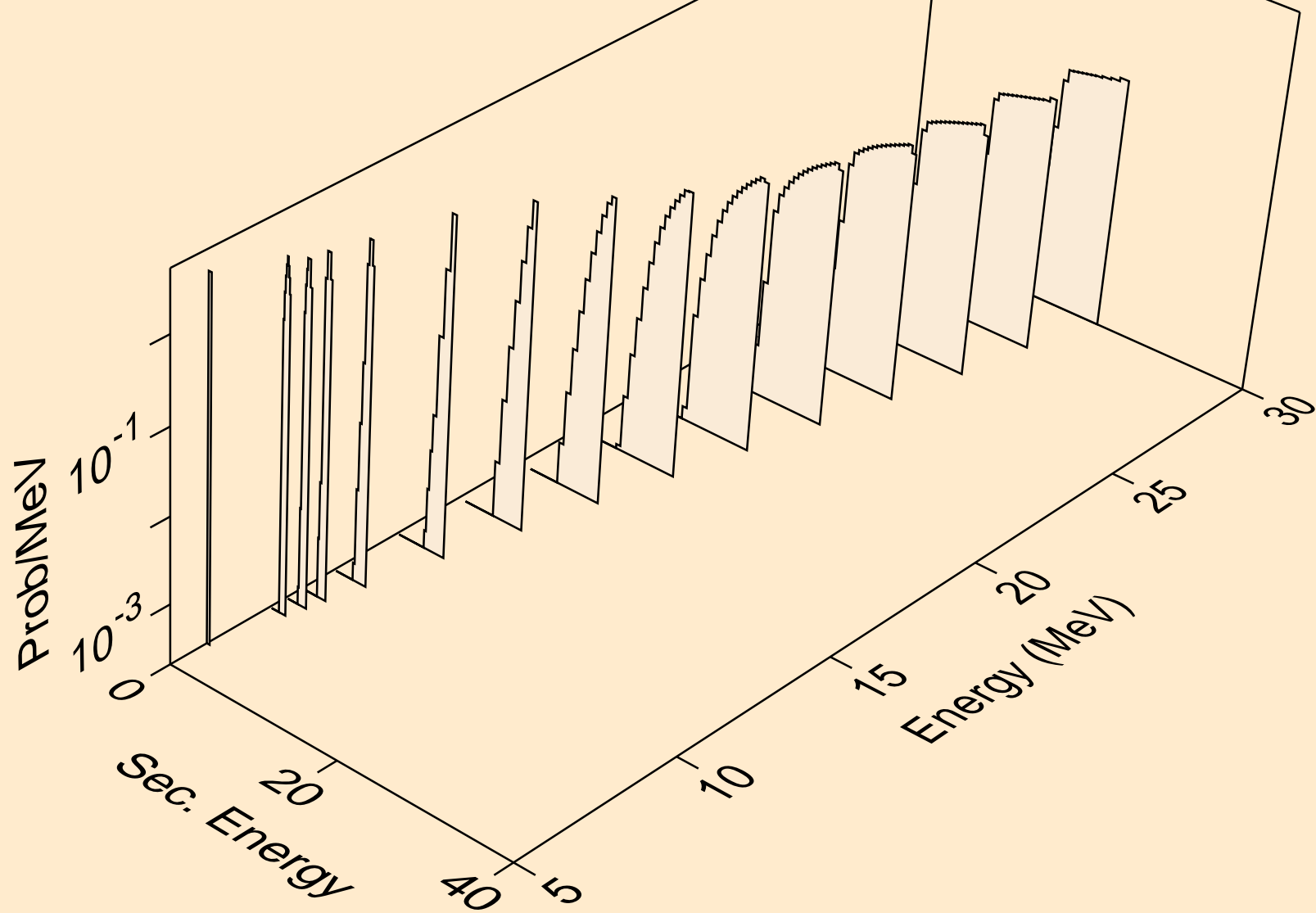


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deuterons from (n,n\*)d

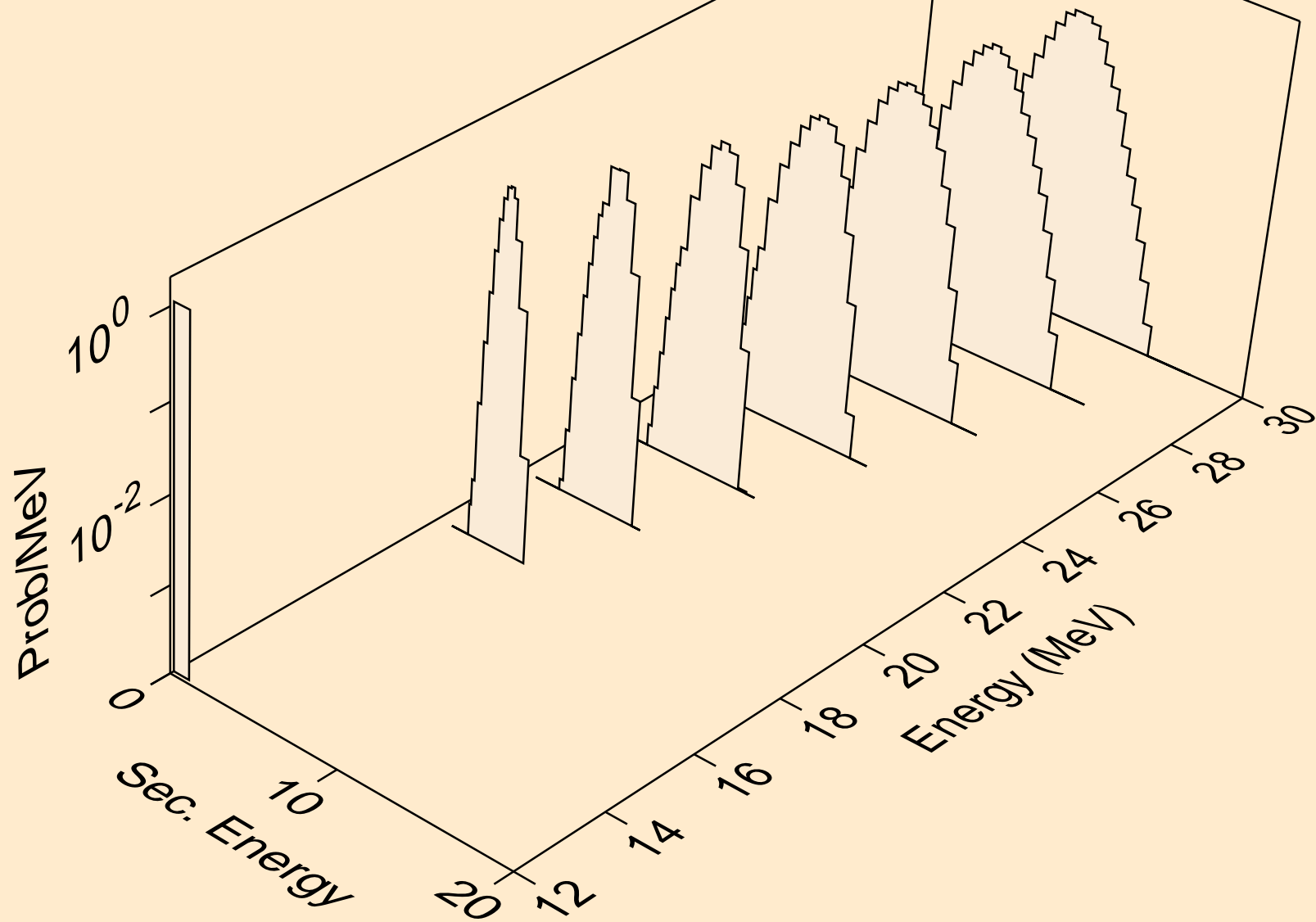




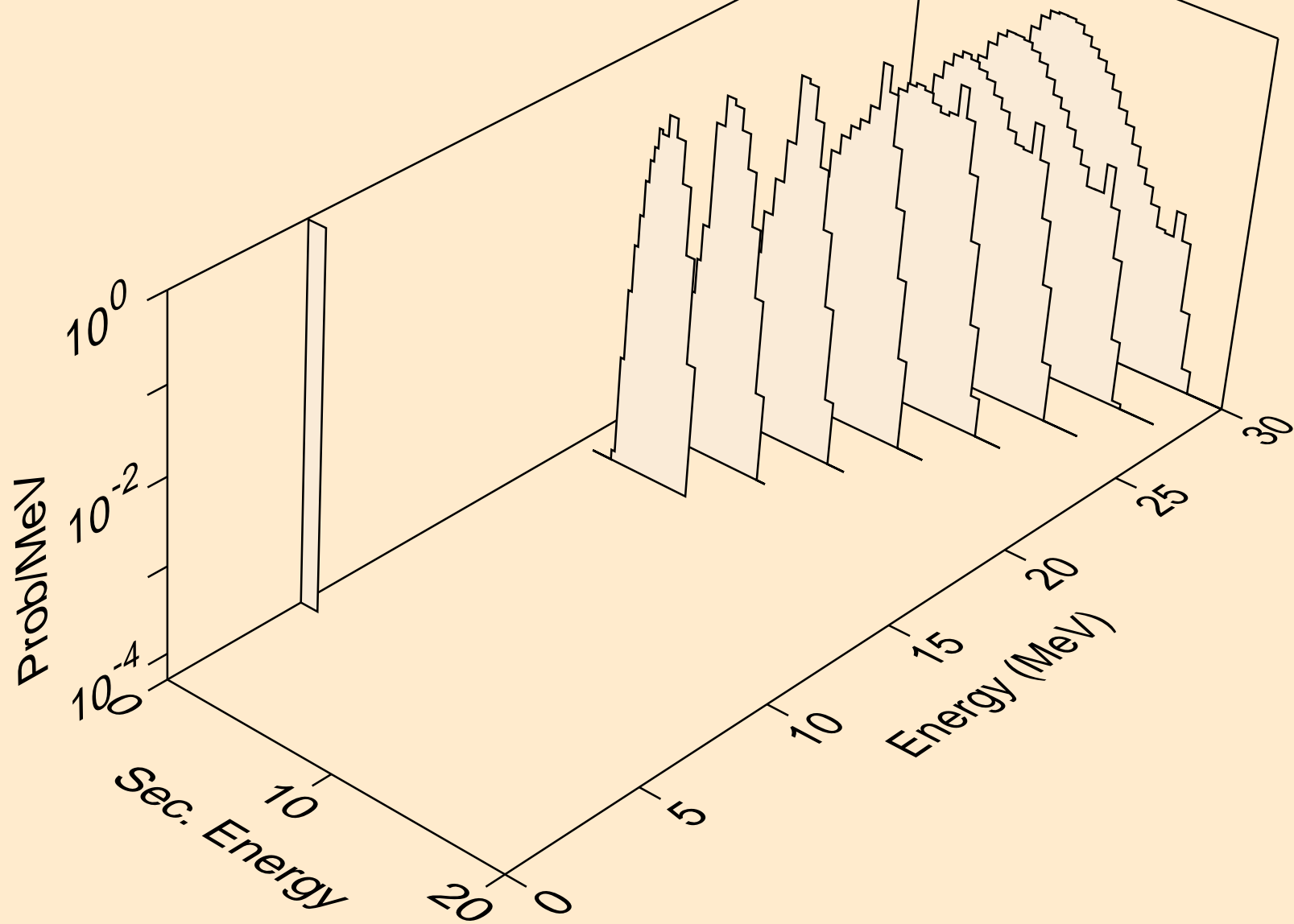
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deuterons from (n,d)



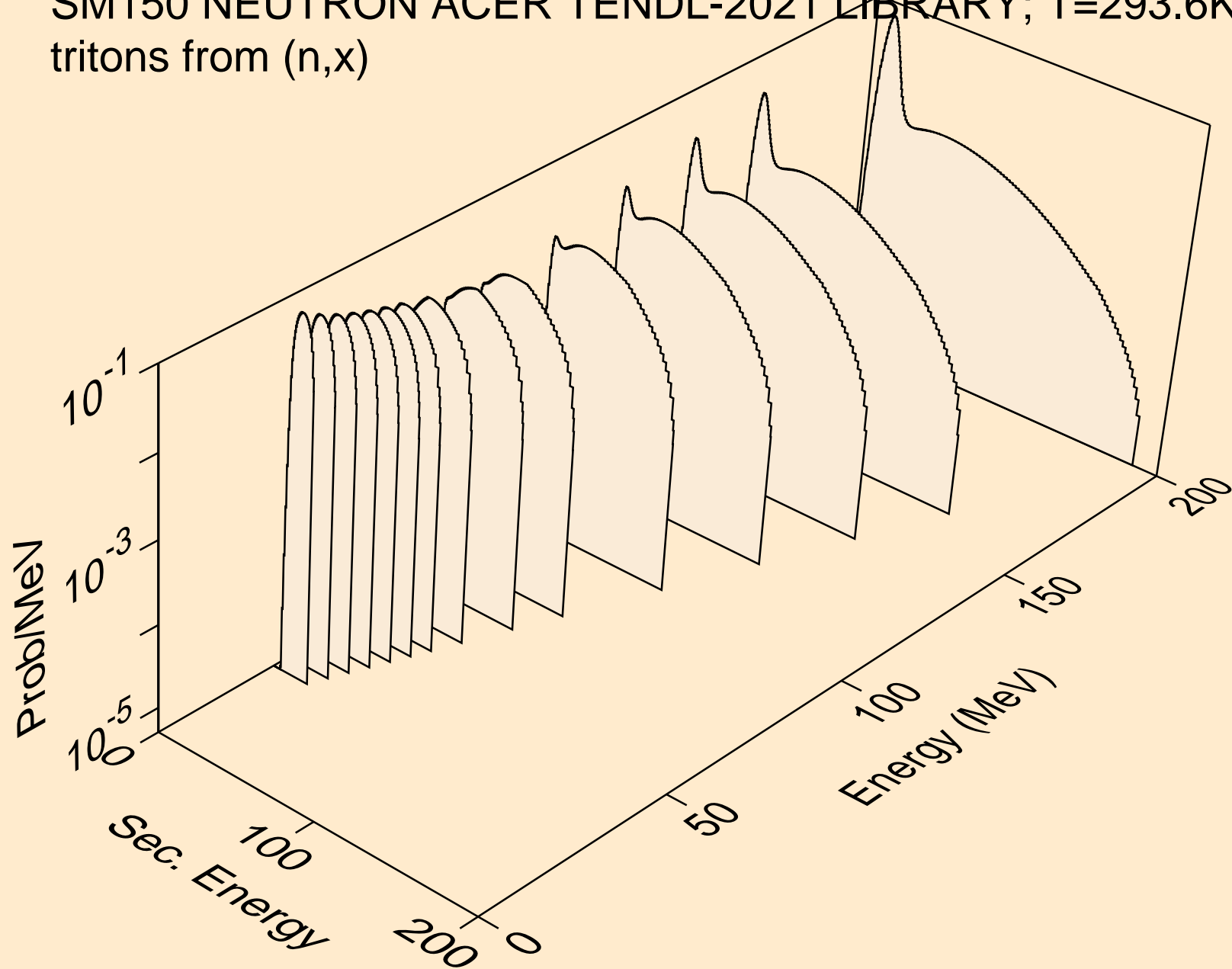
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deuterons from (n,pd)



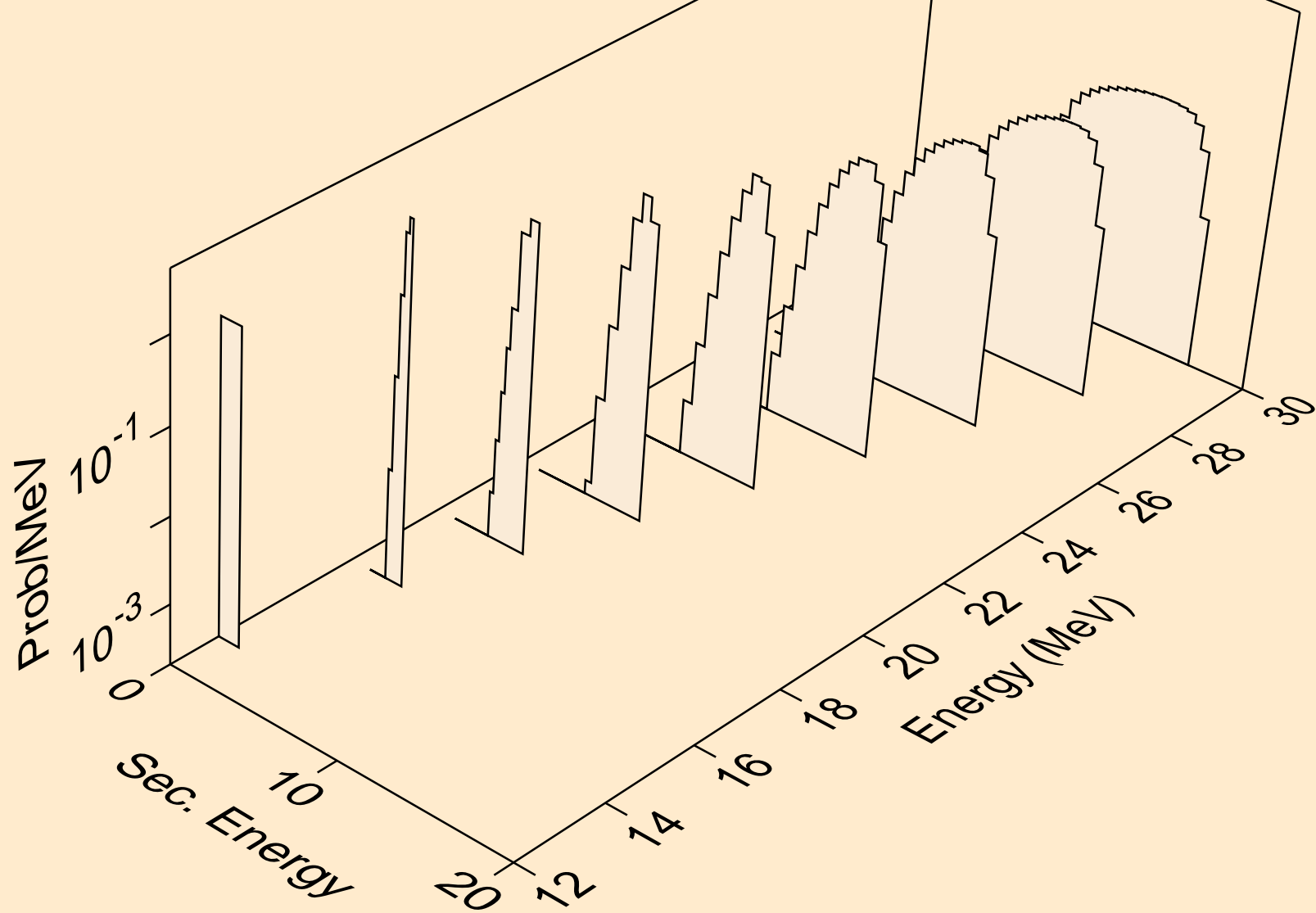
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deuterons from (n,da)



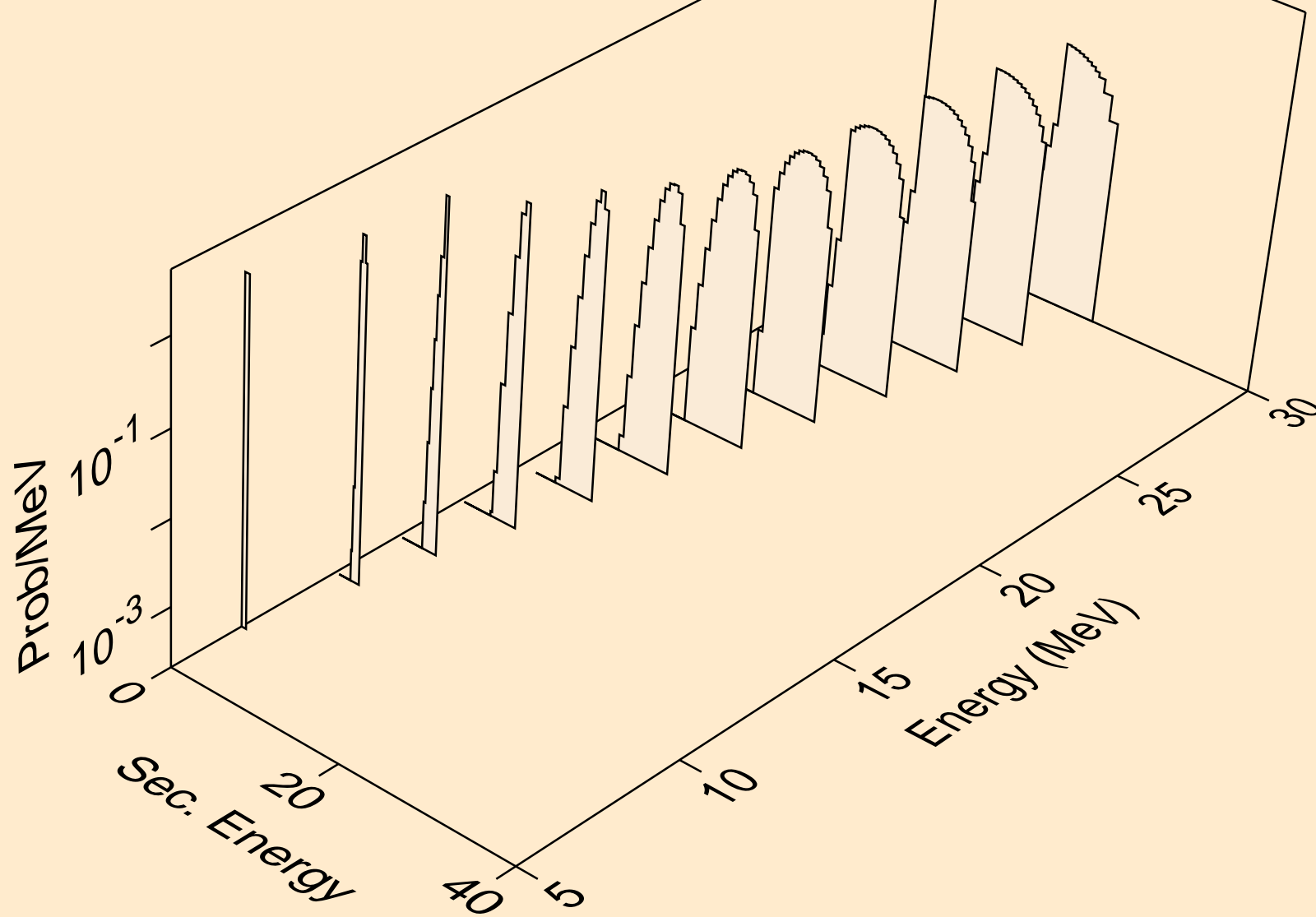
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tritons from (n,x)



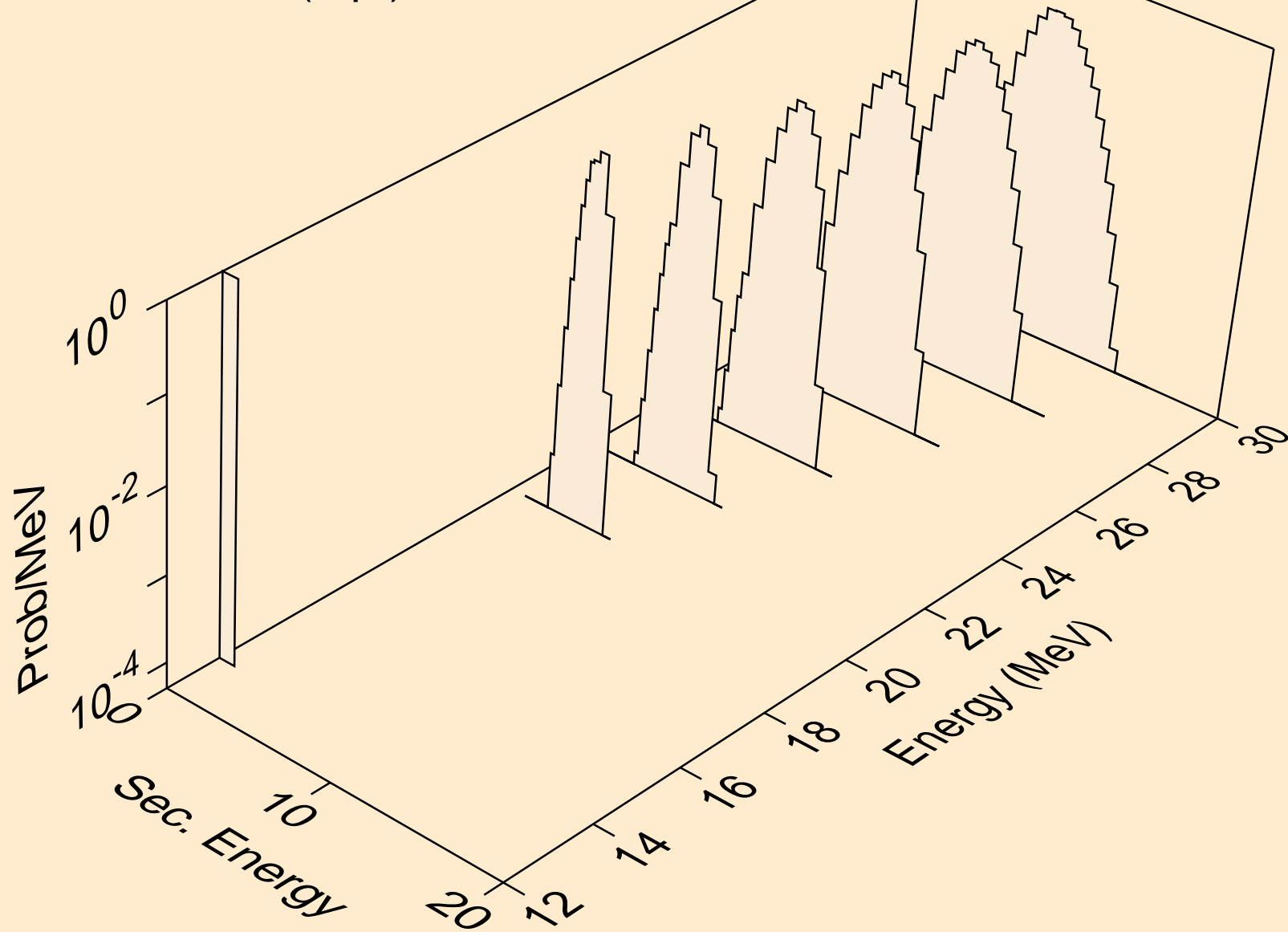
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



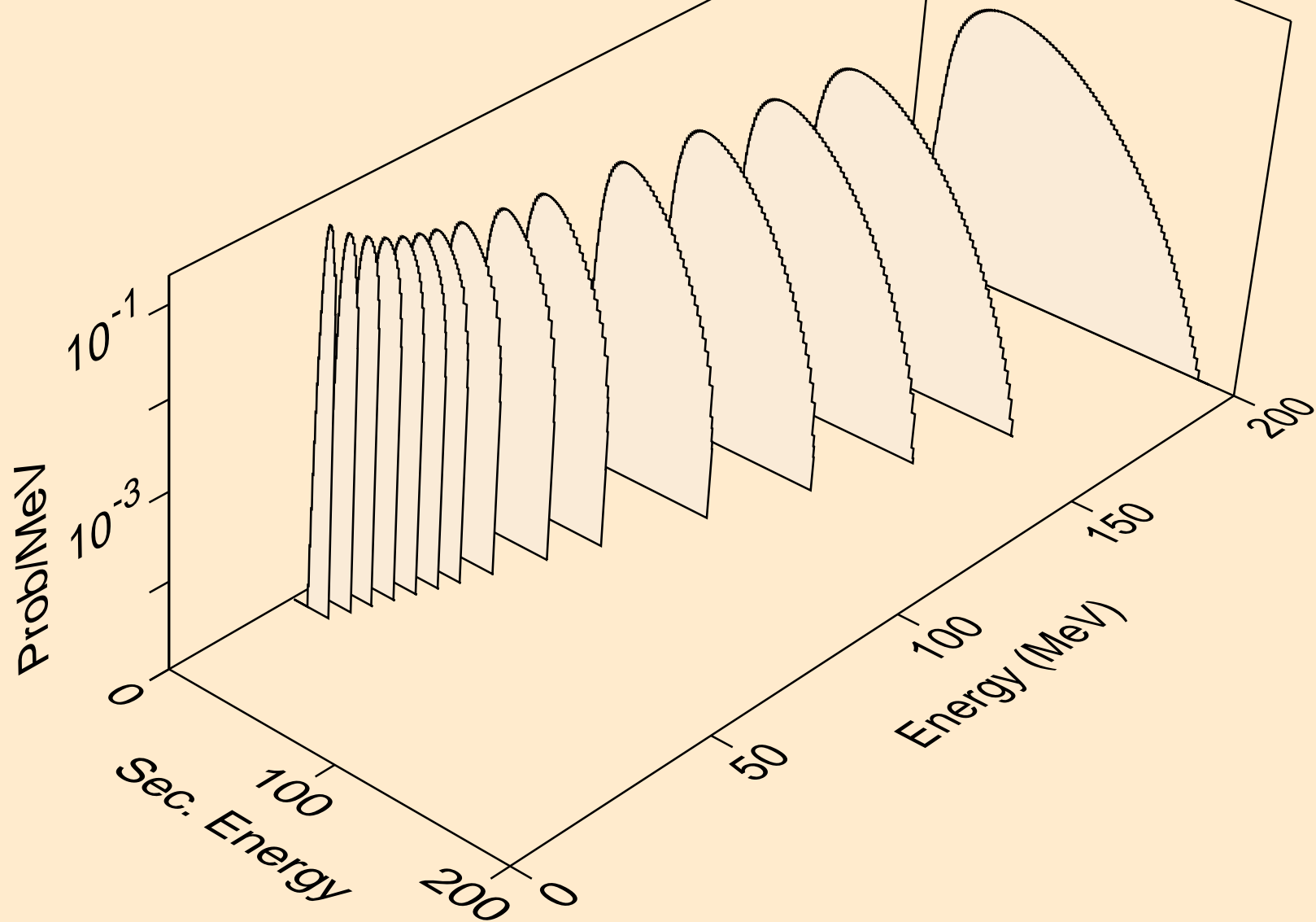
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)

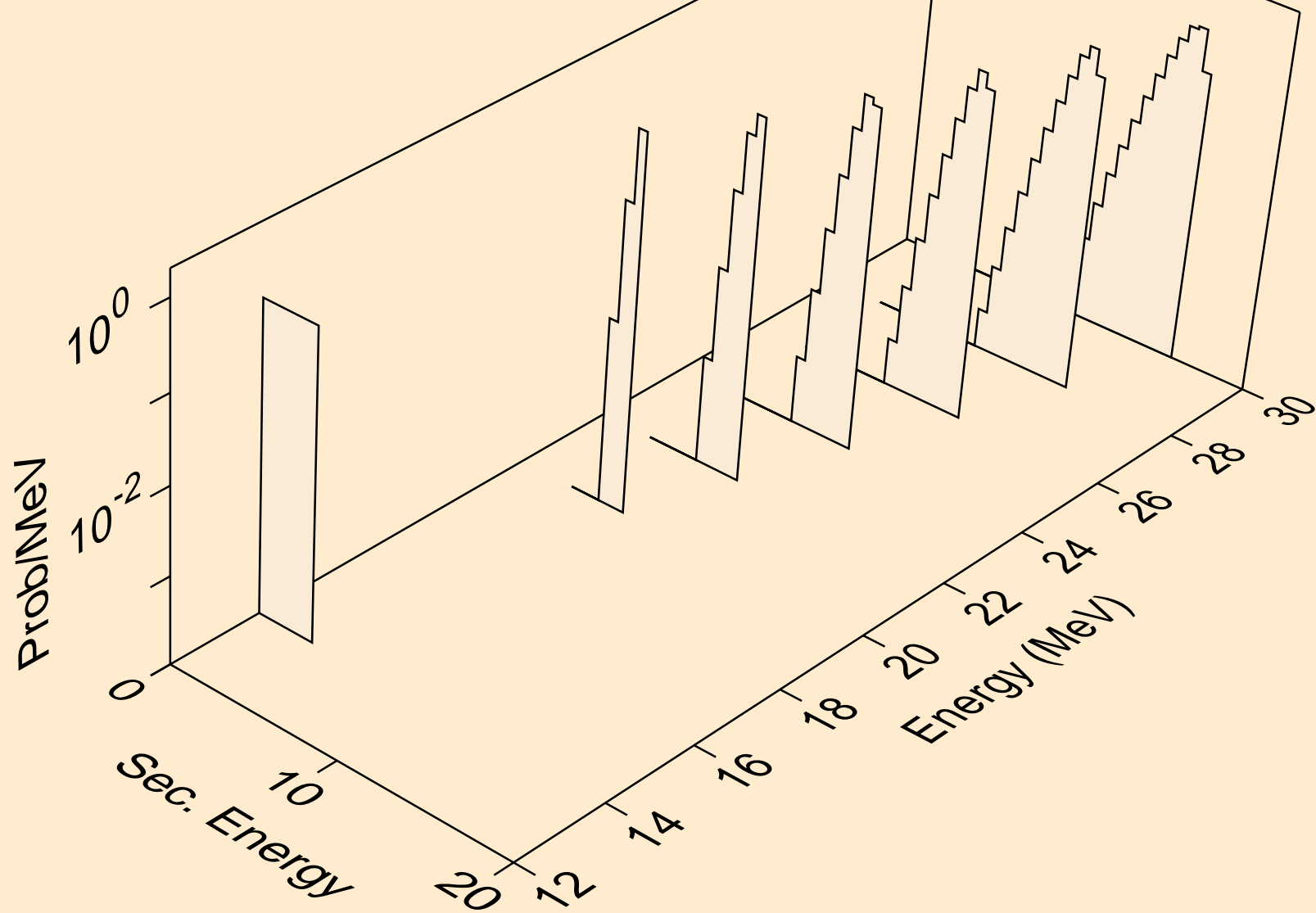


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

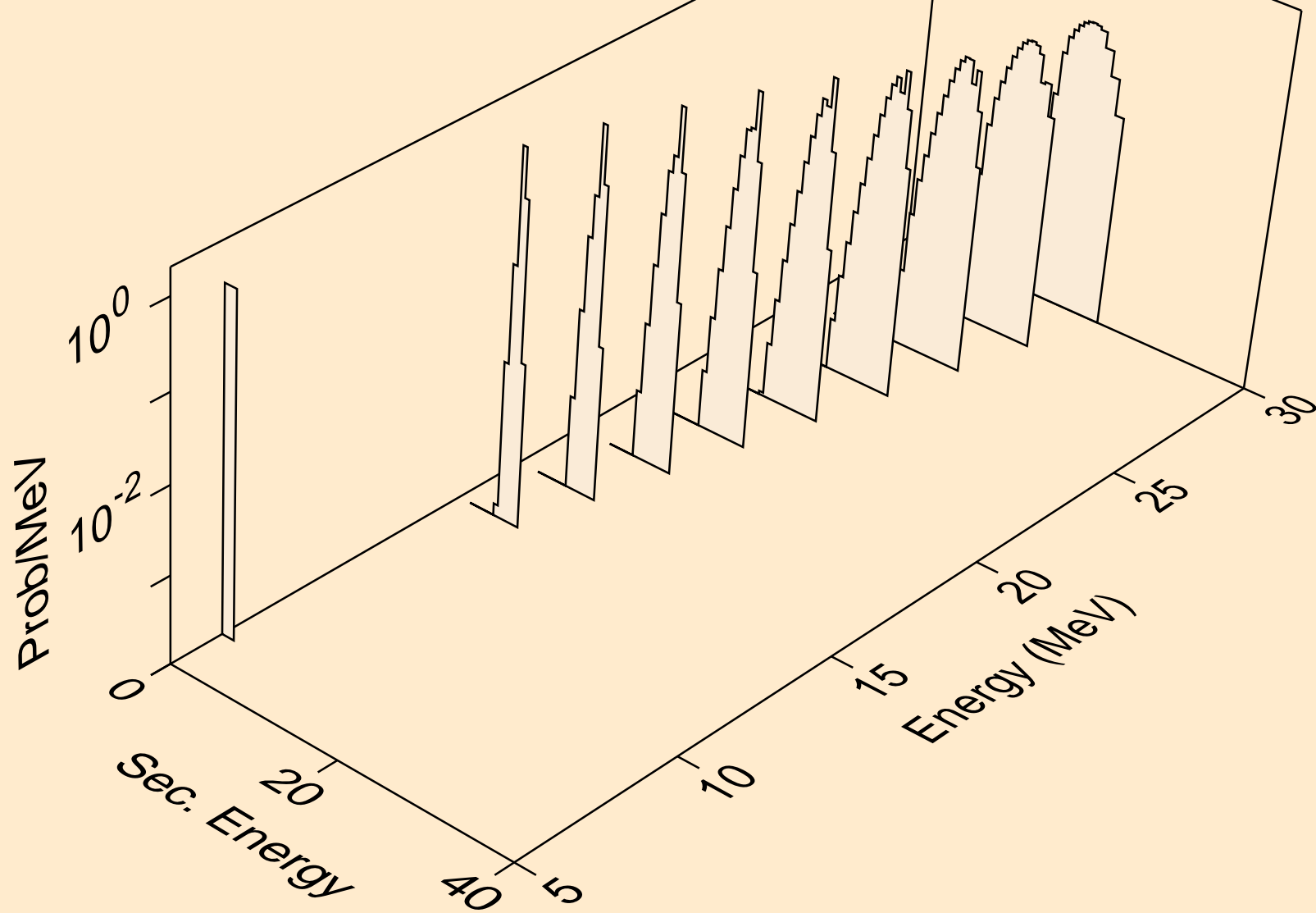




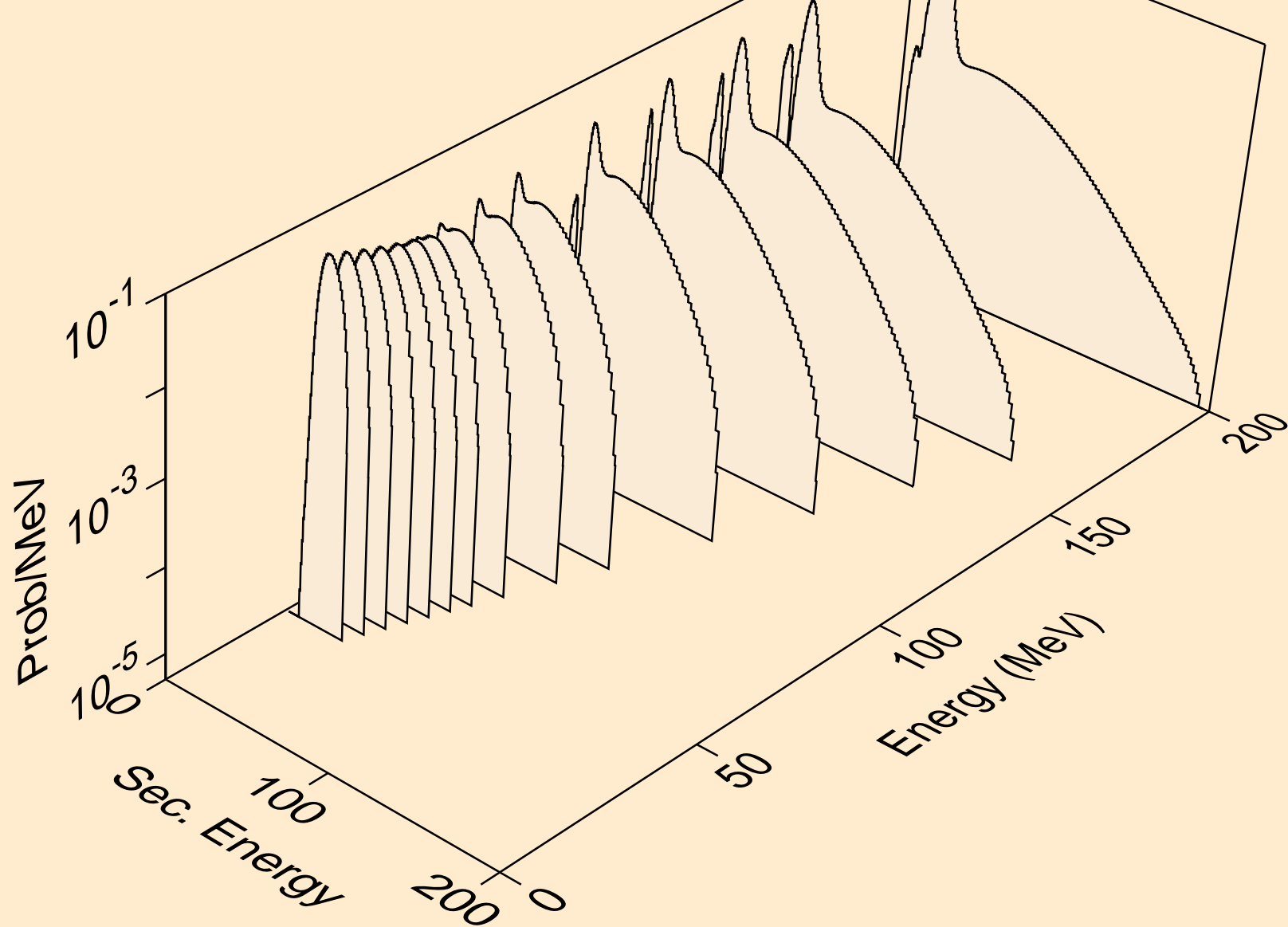
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



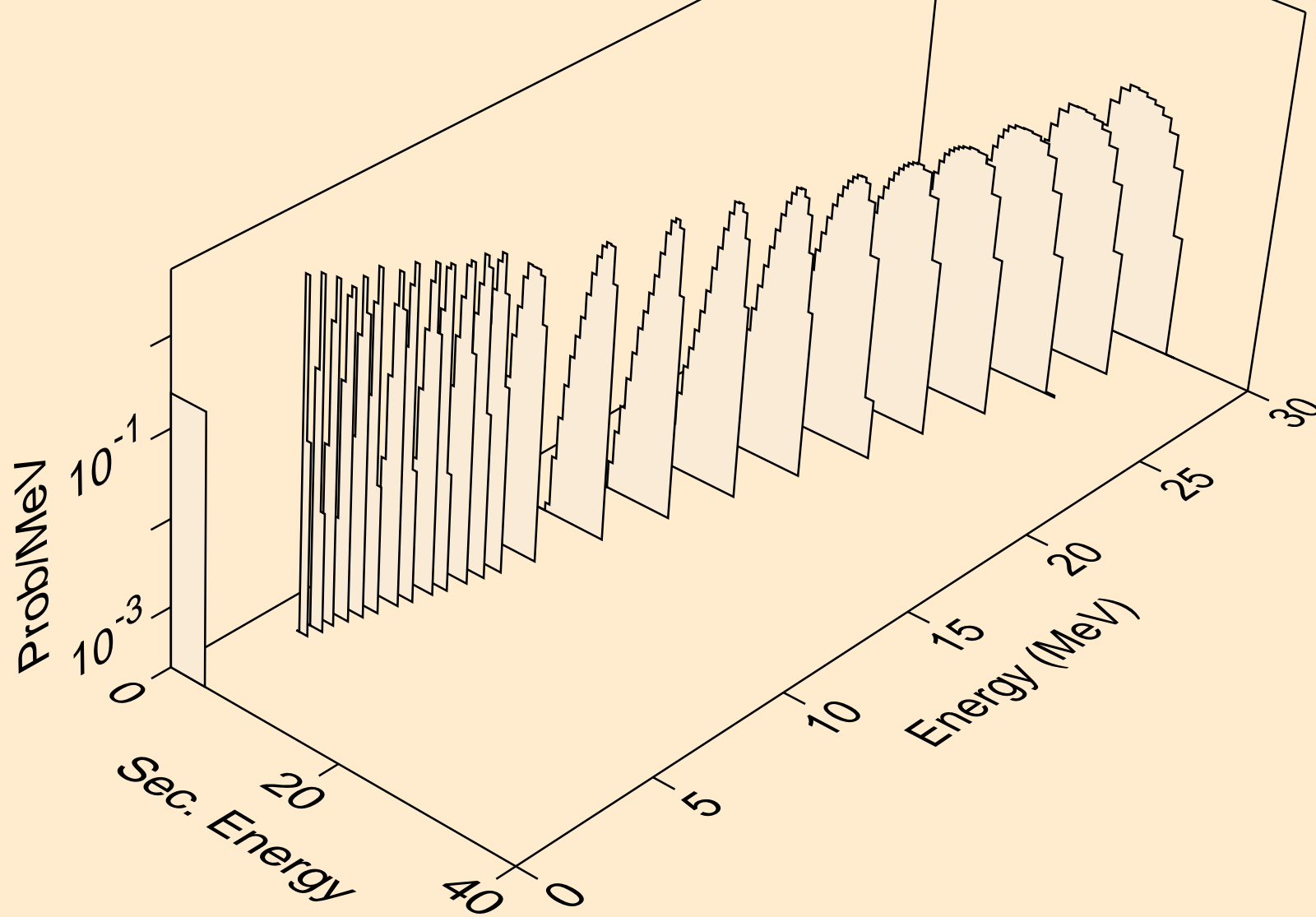
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he3s from (n,he3)



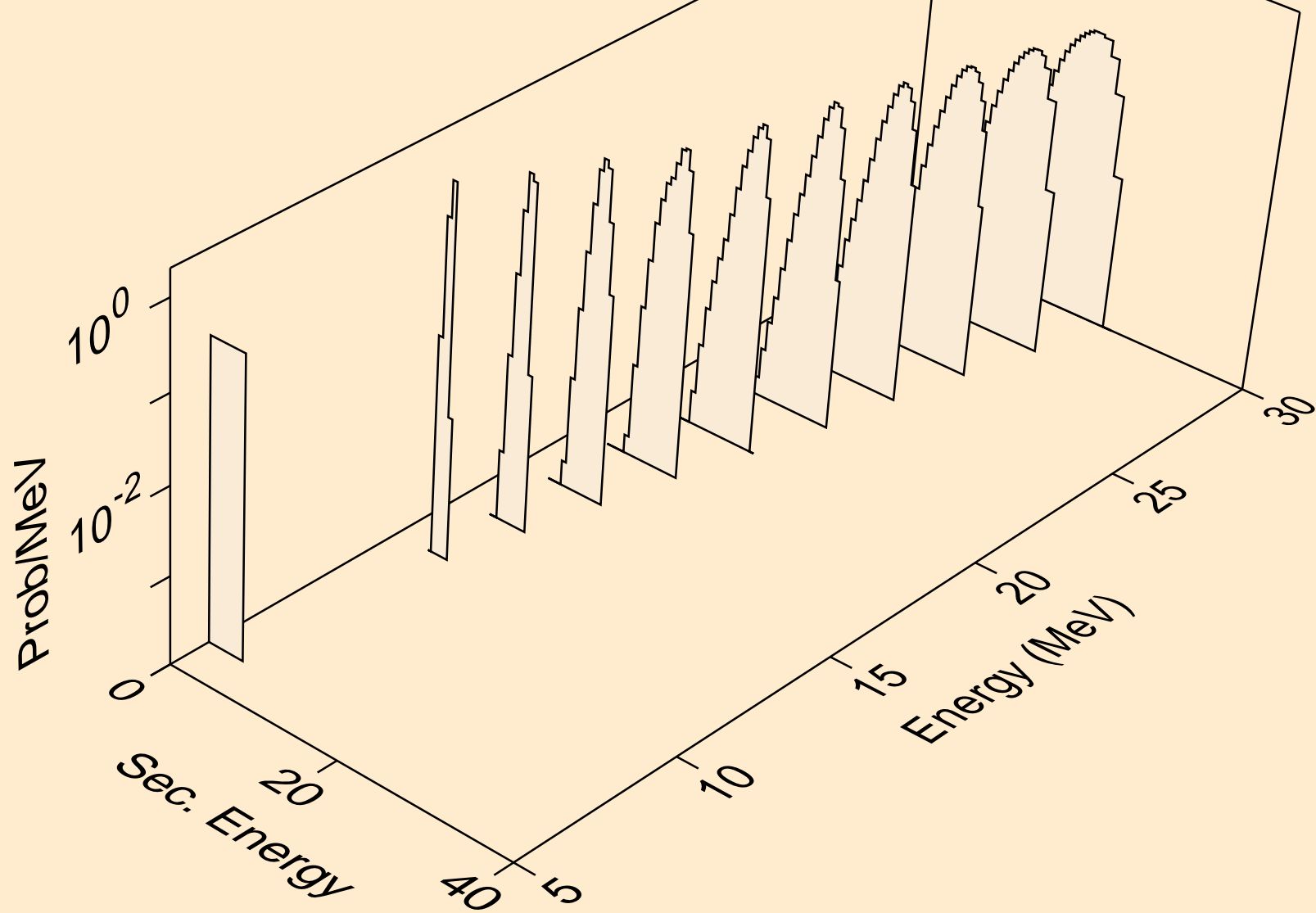
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



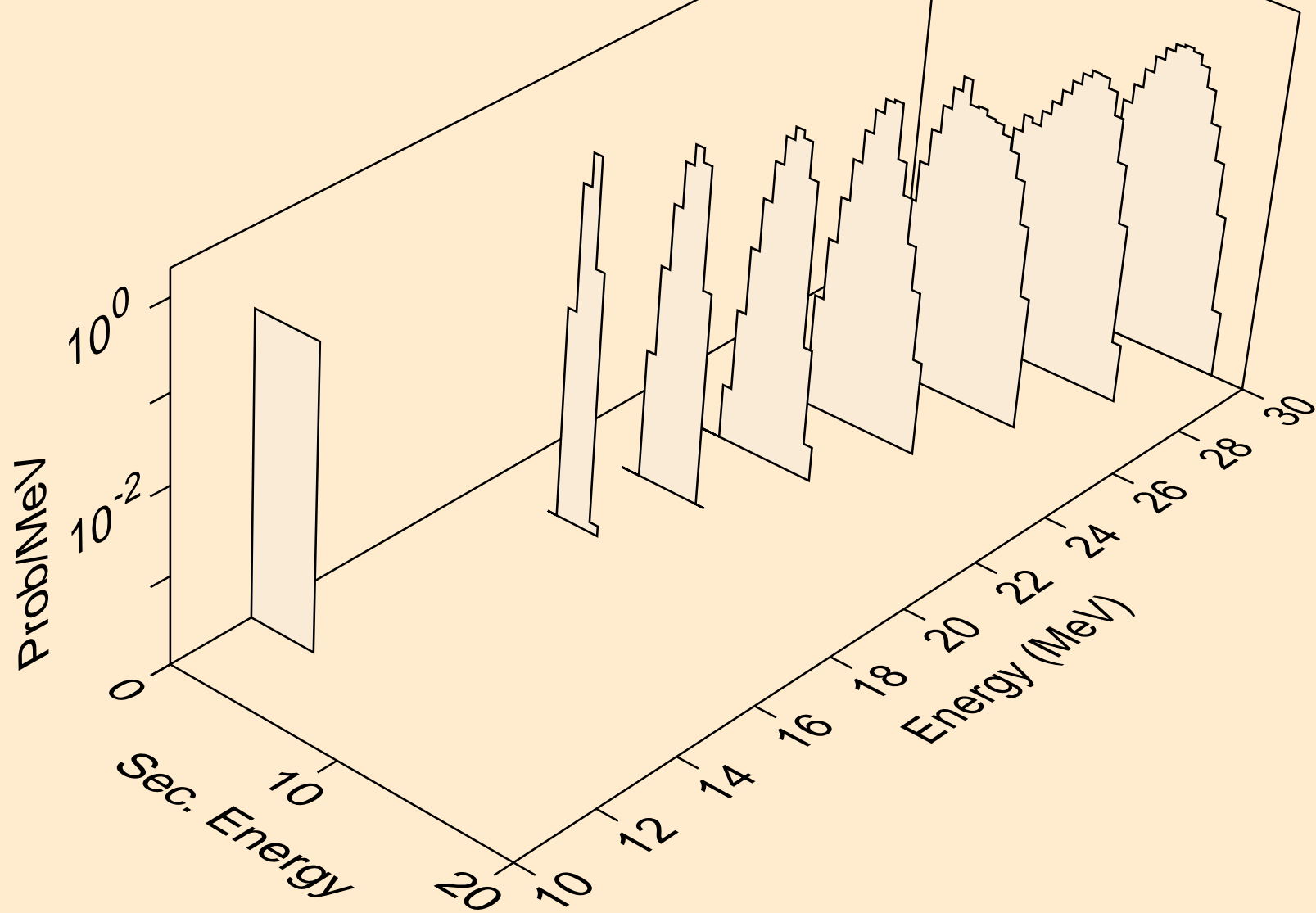
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



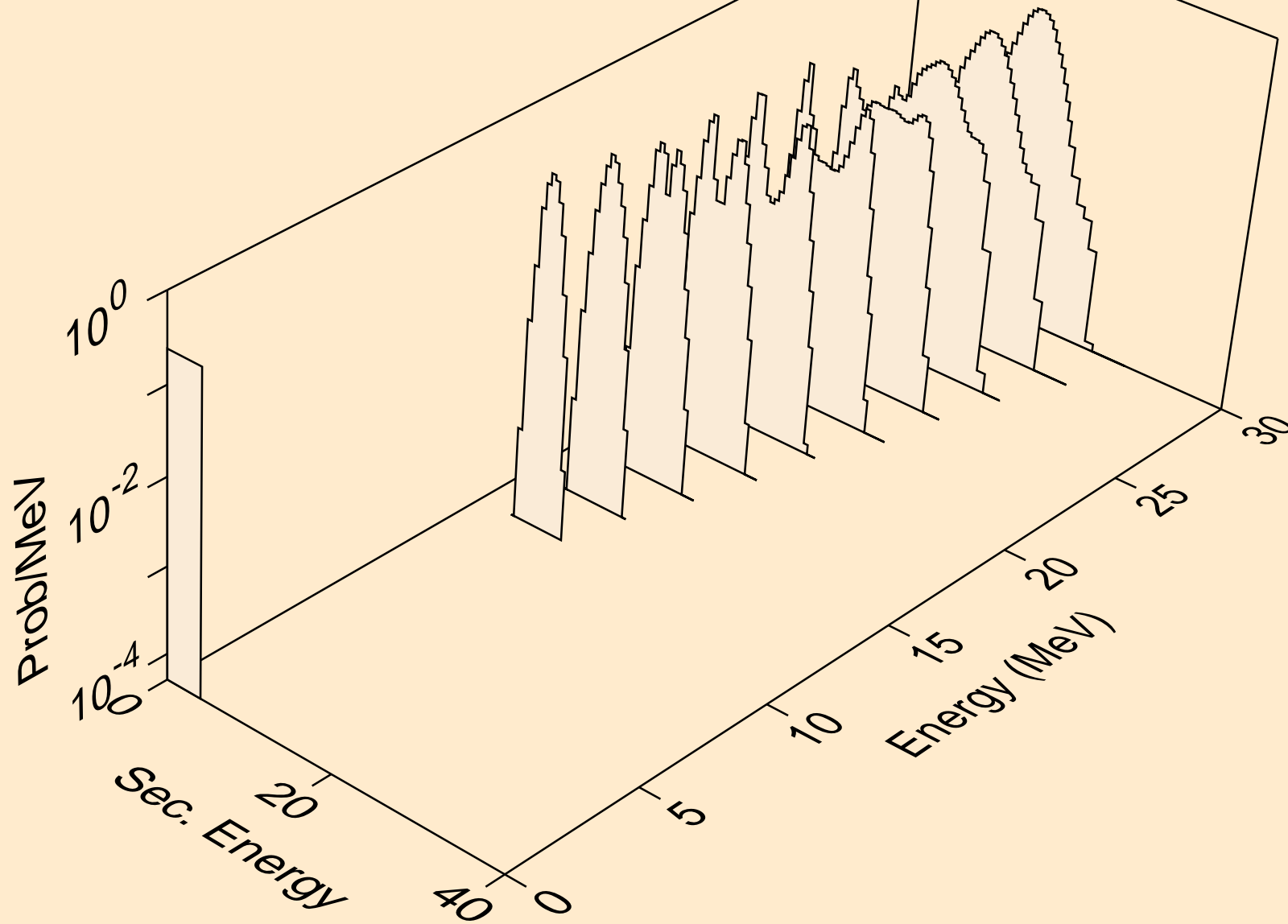
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



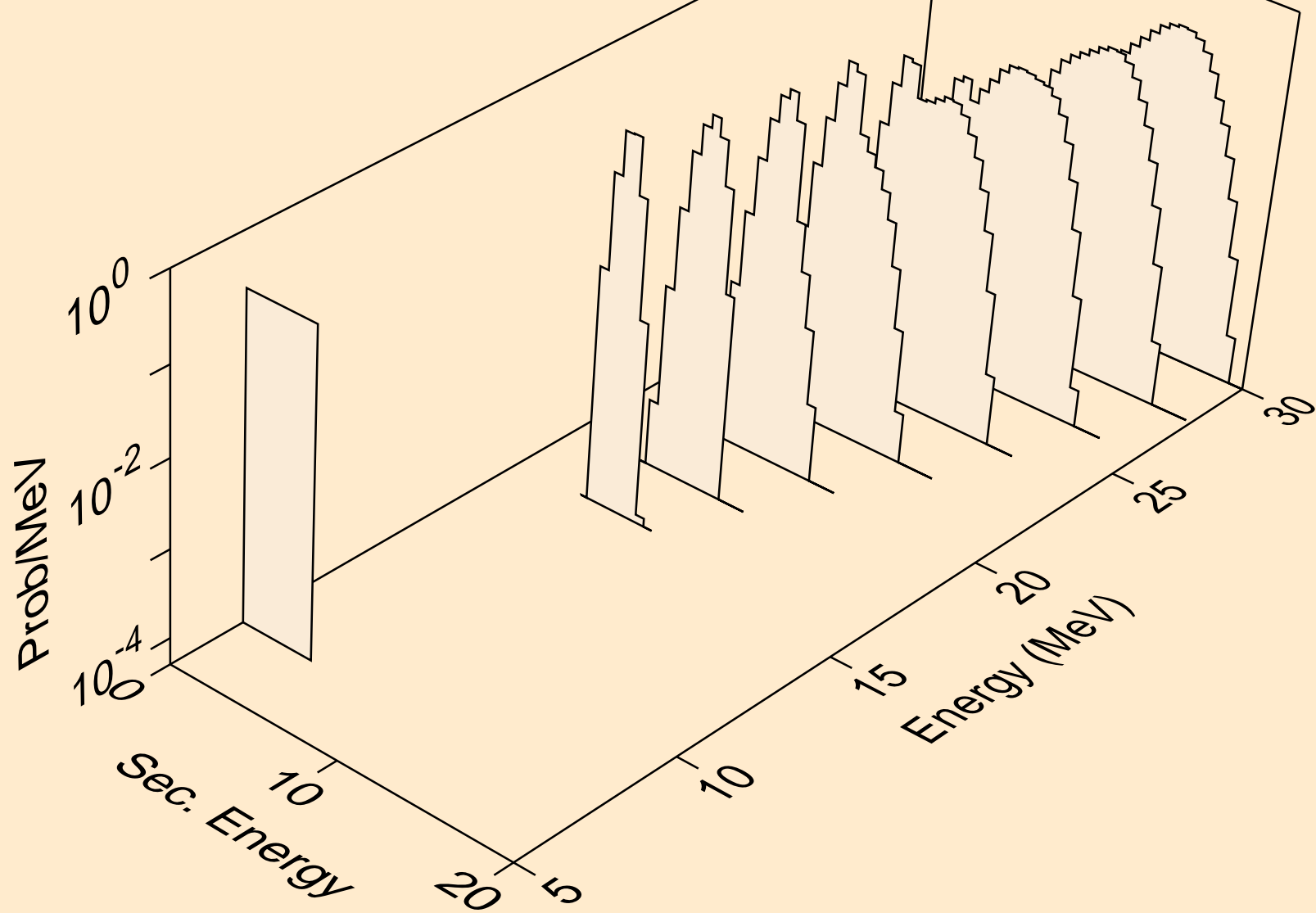
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

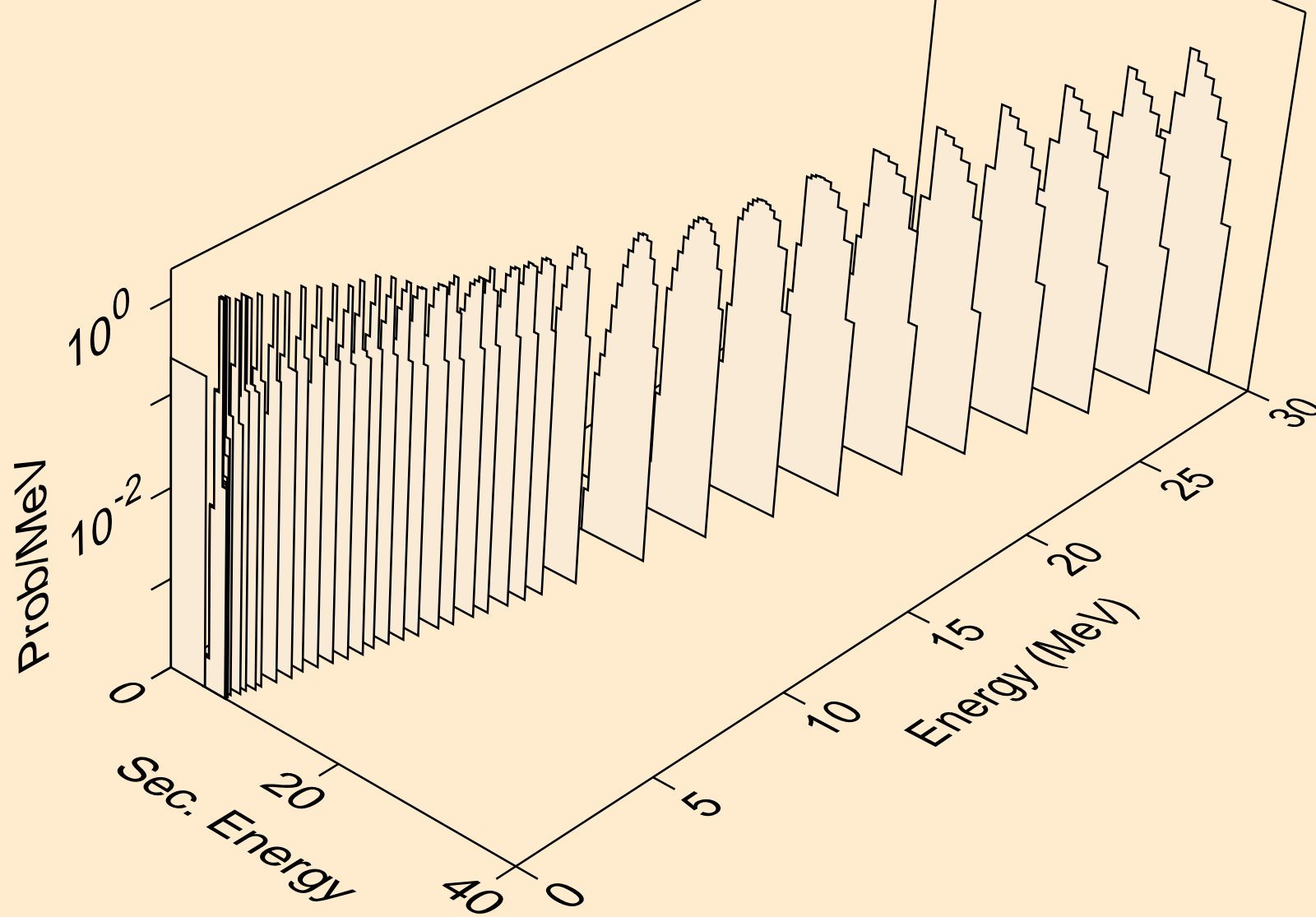


SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

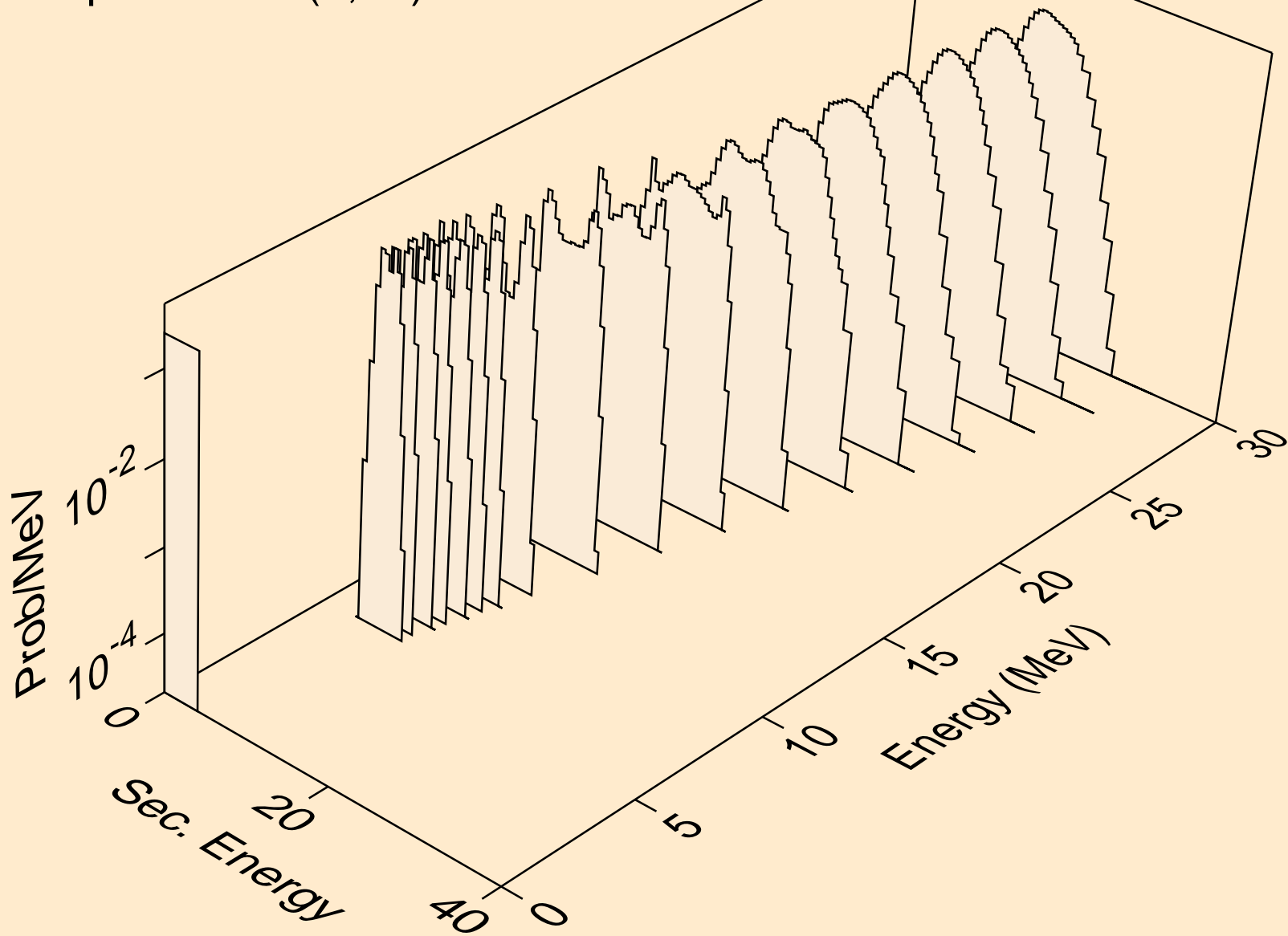




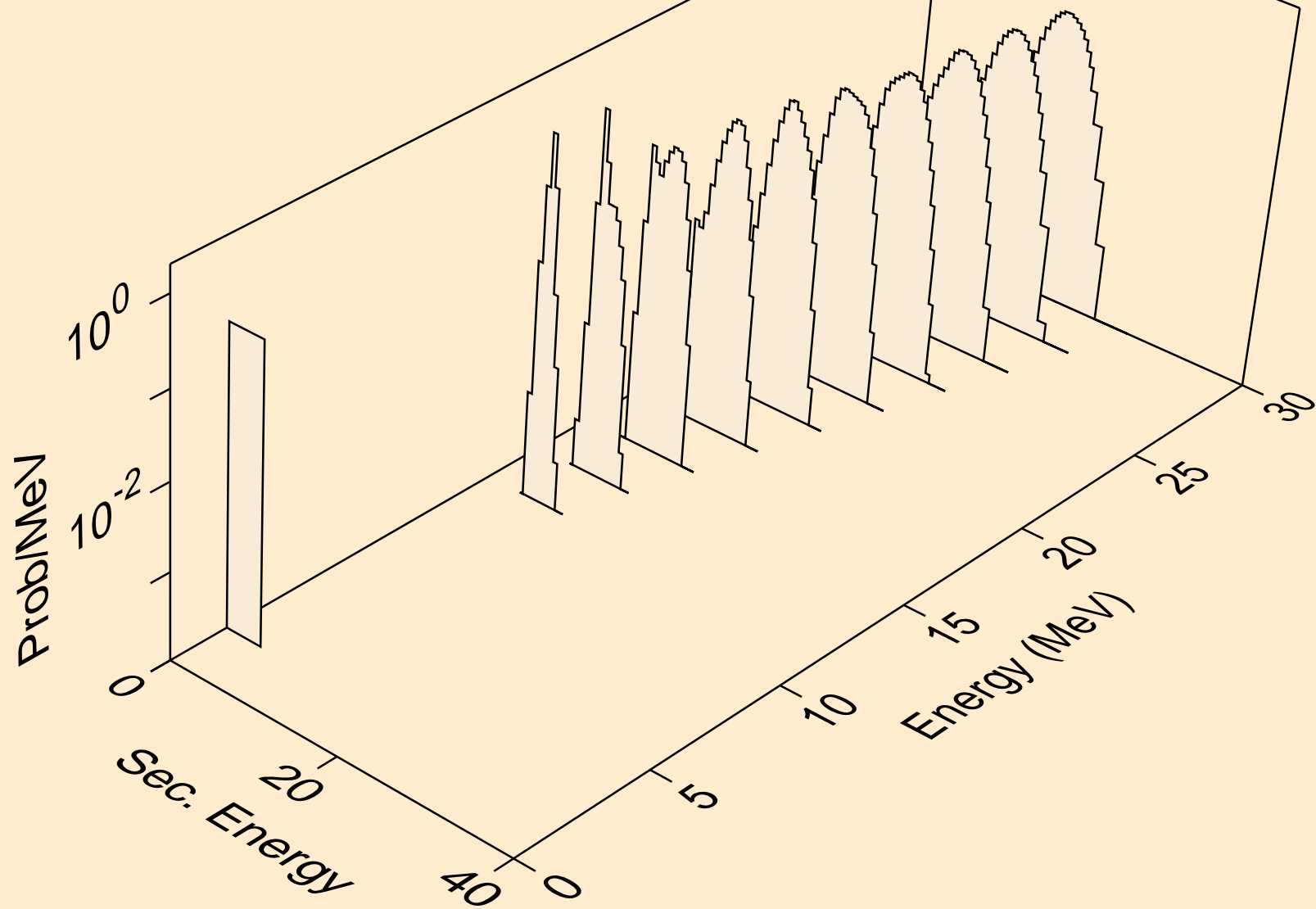
SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

