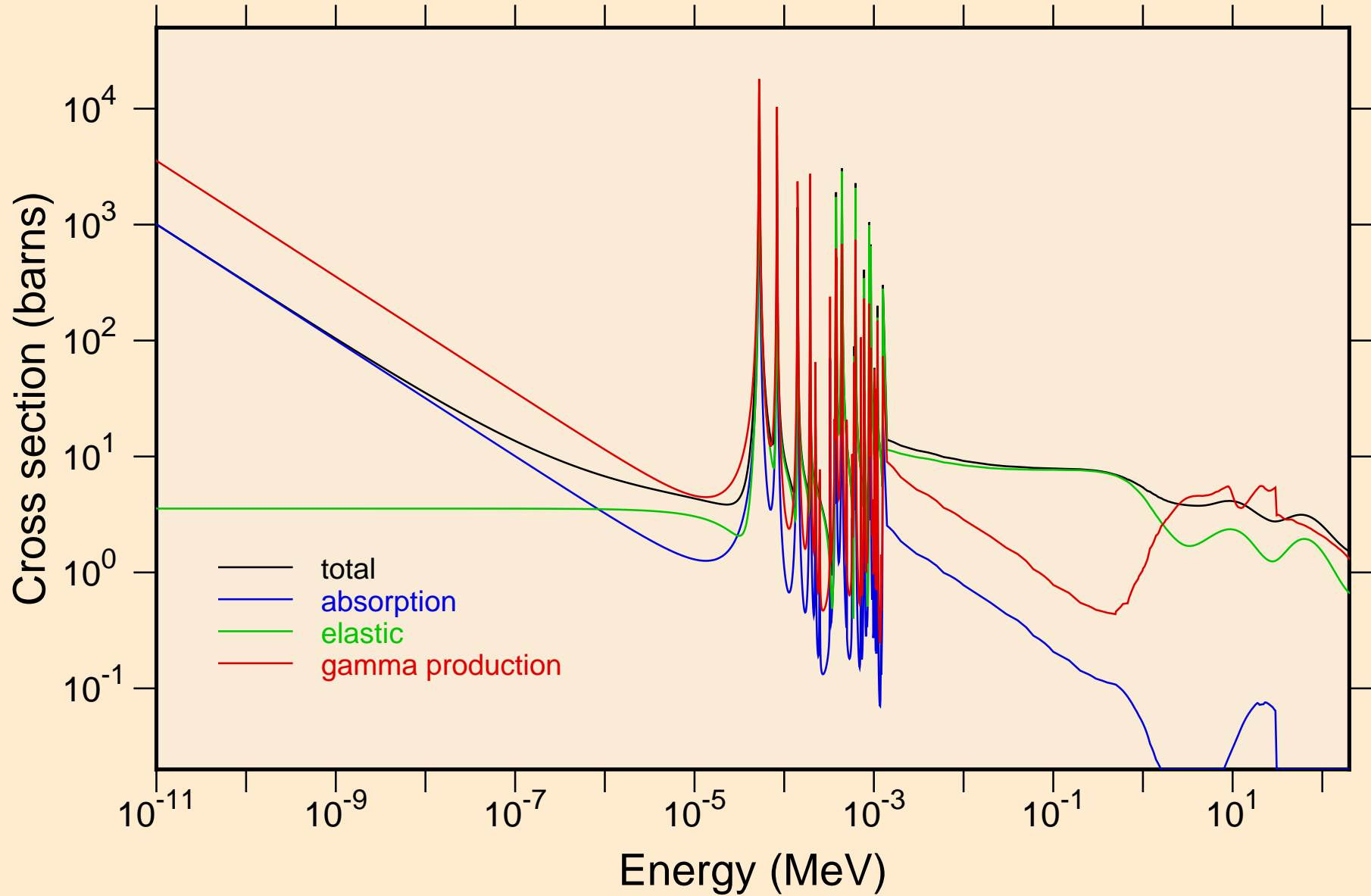
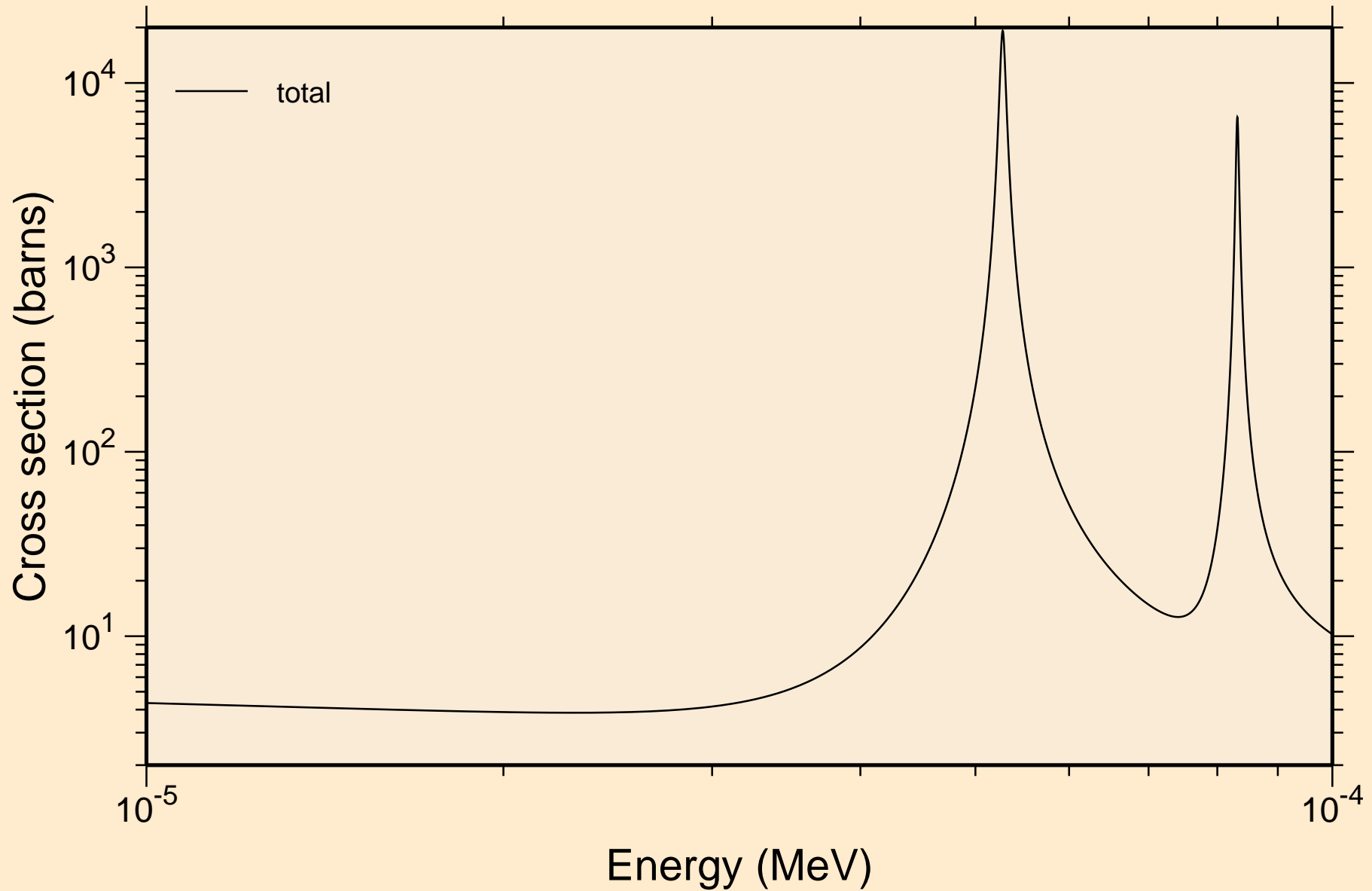


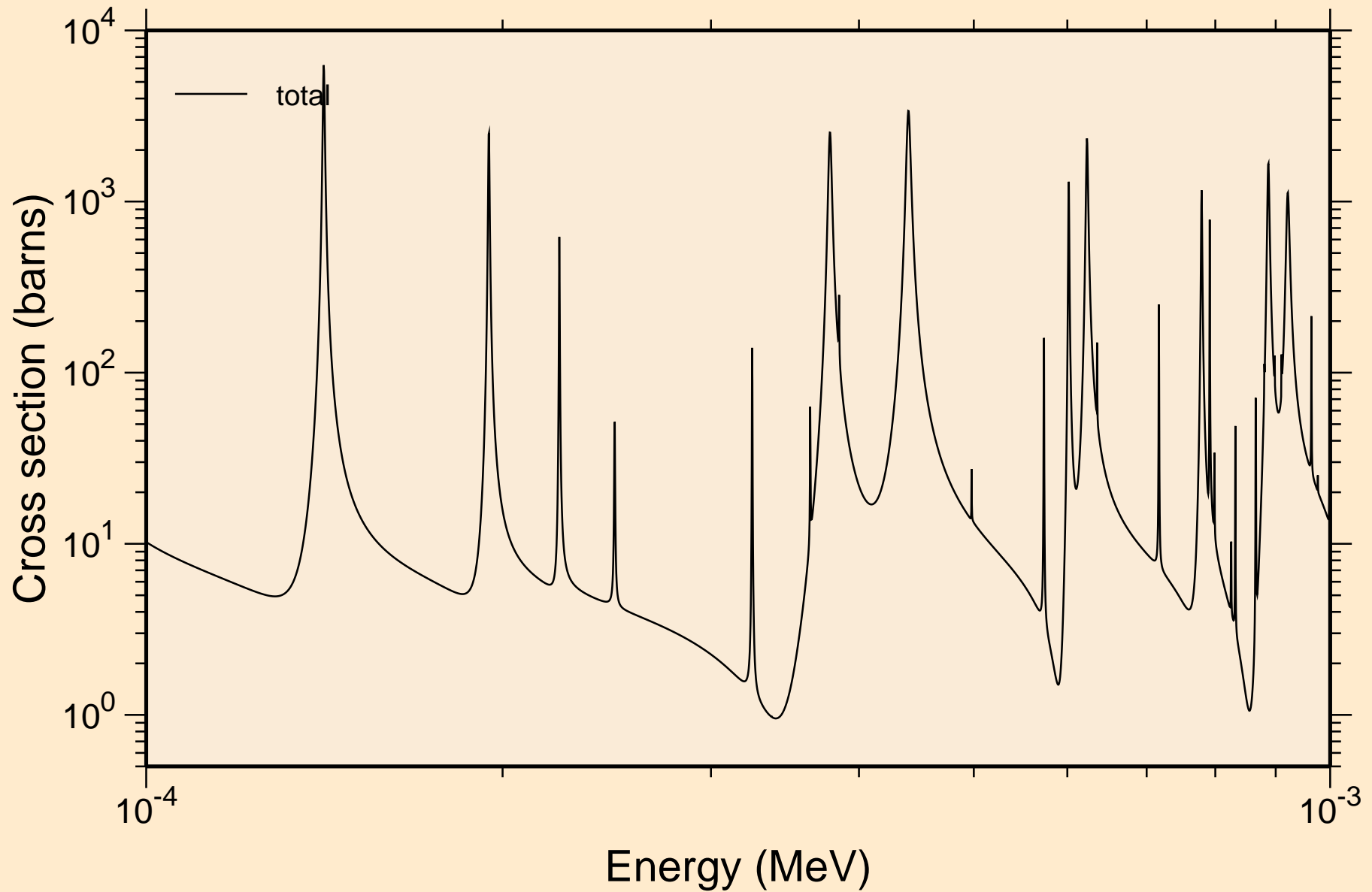
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



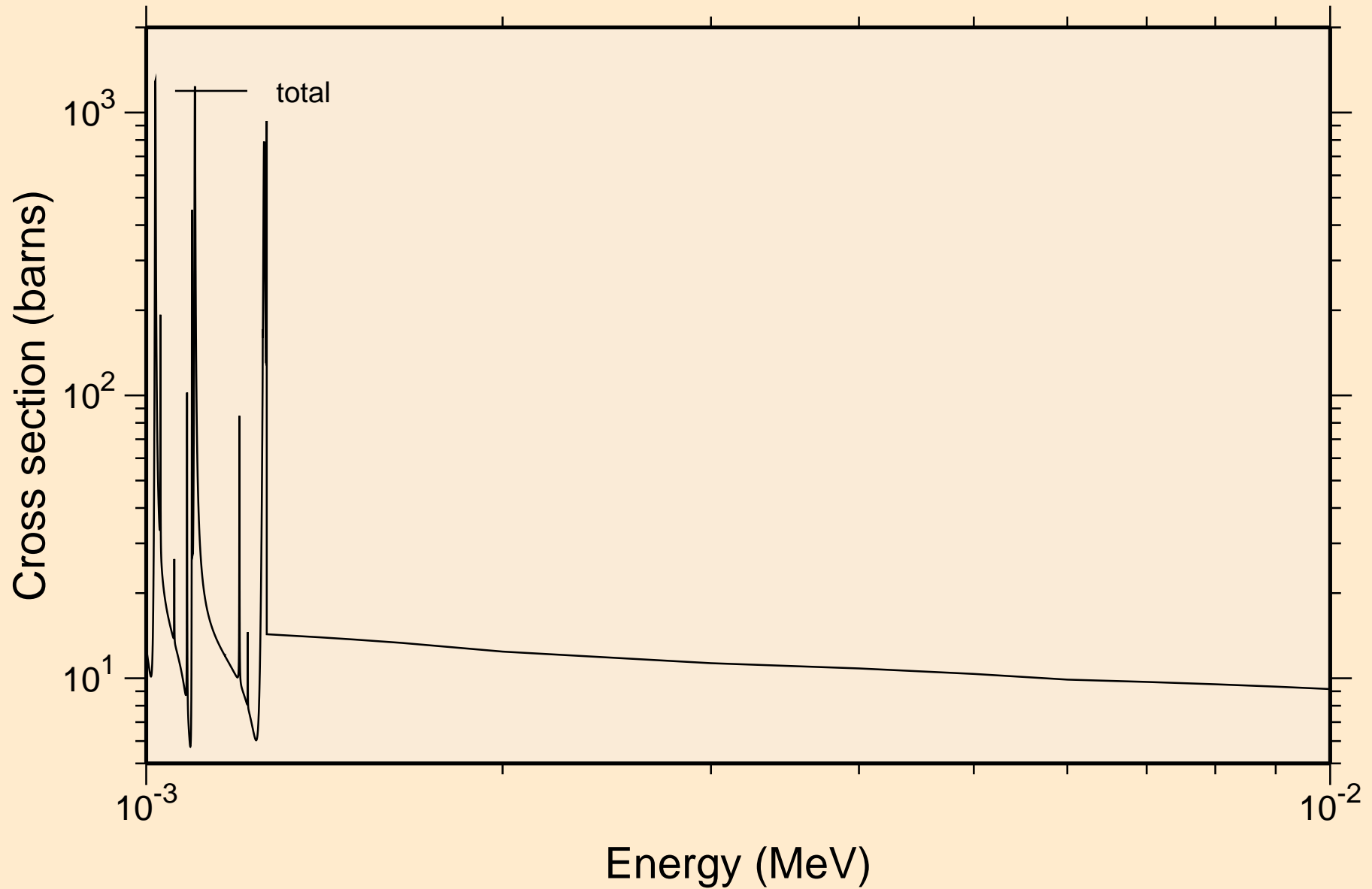
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



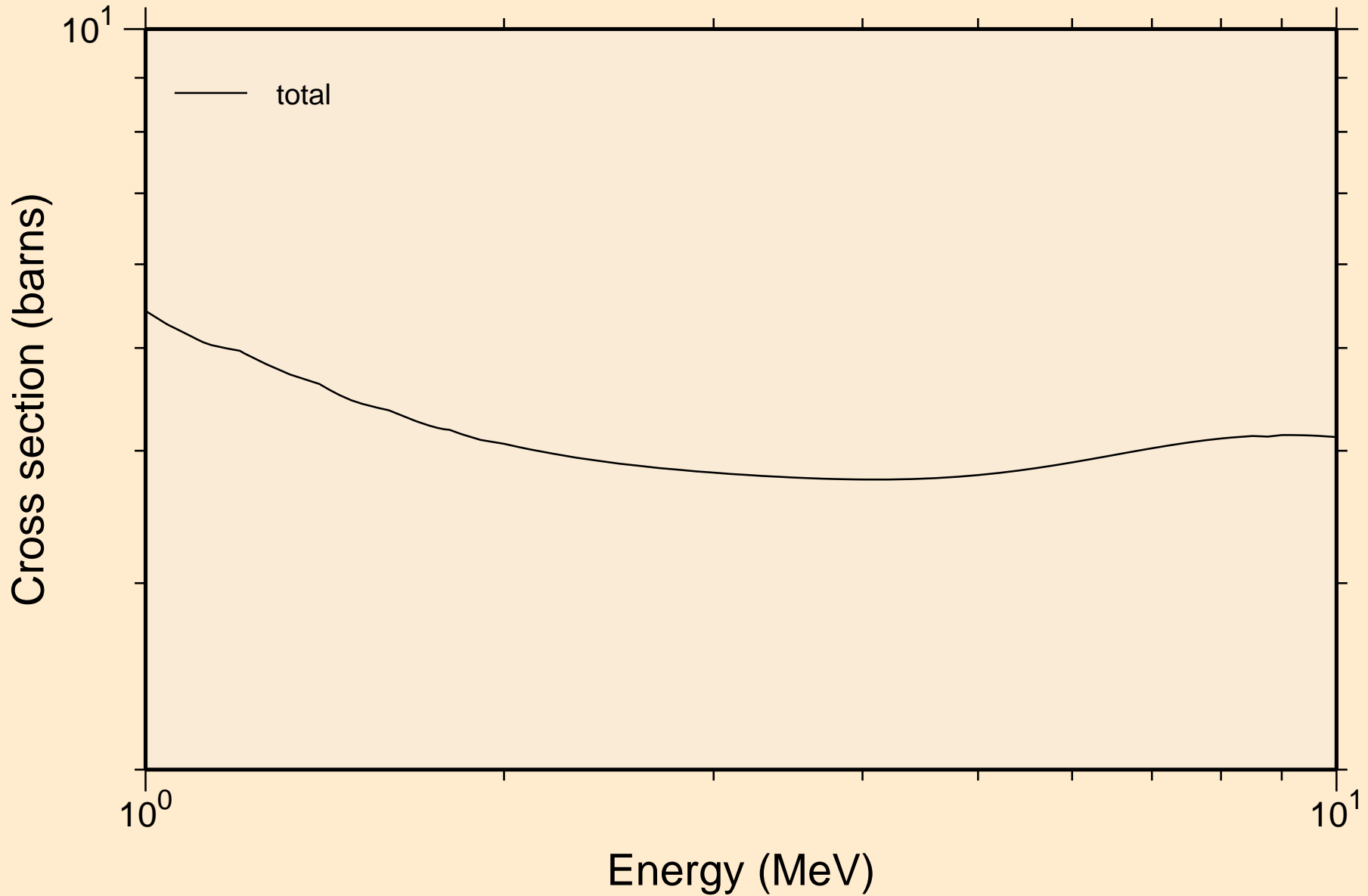
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resonance total cross section



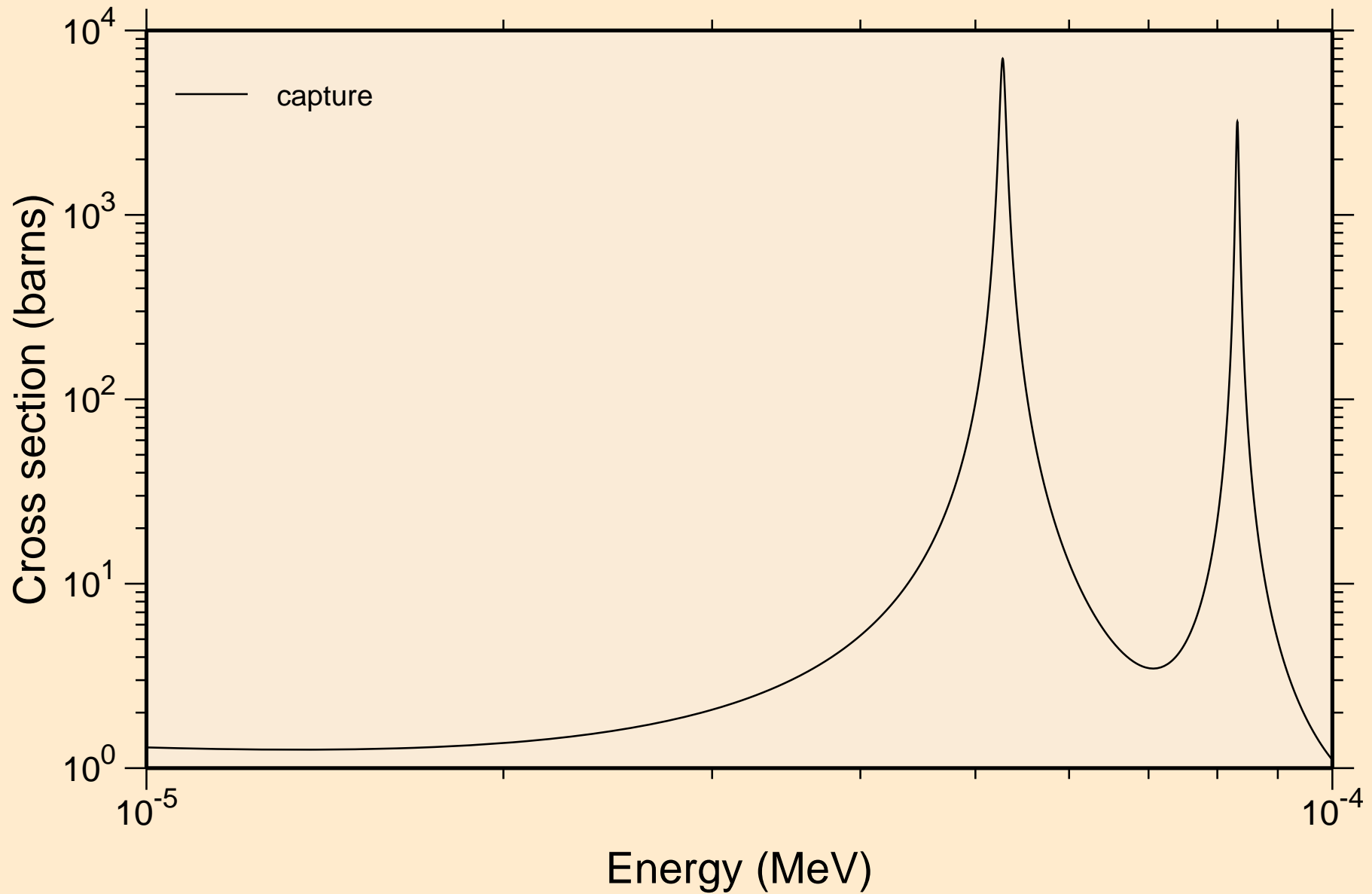
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resonance total cross section



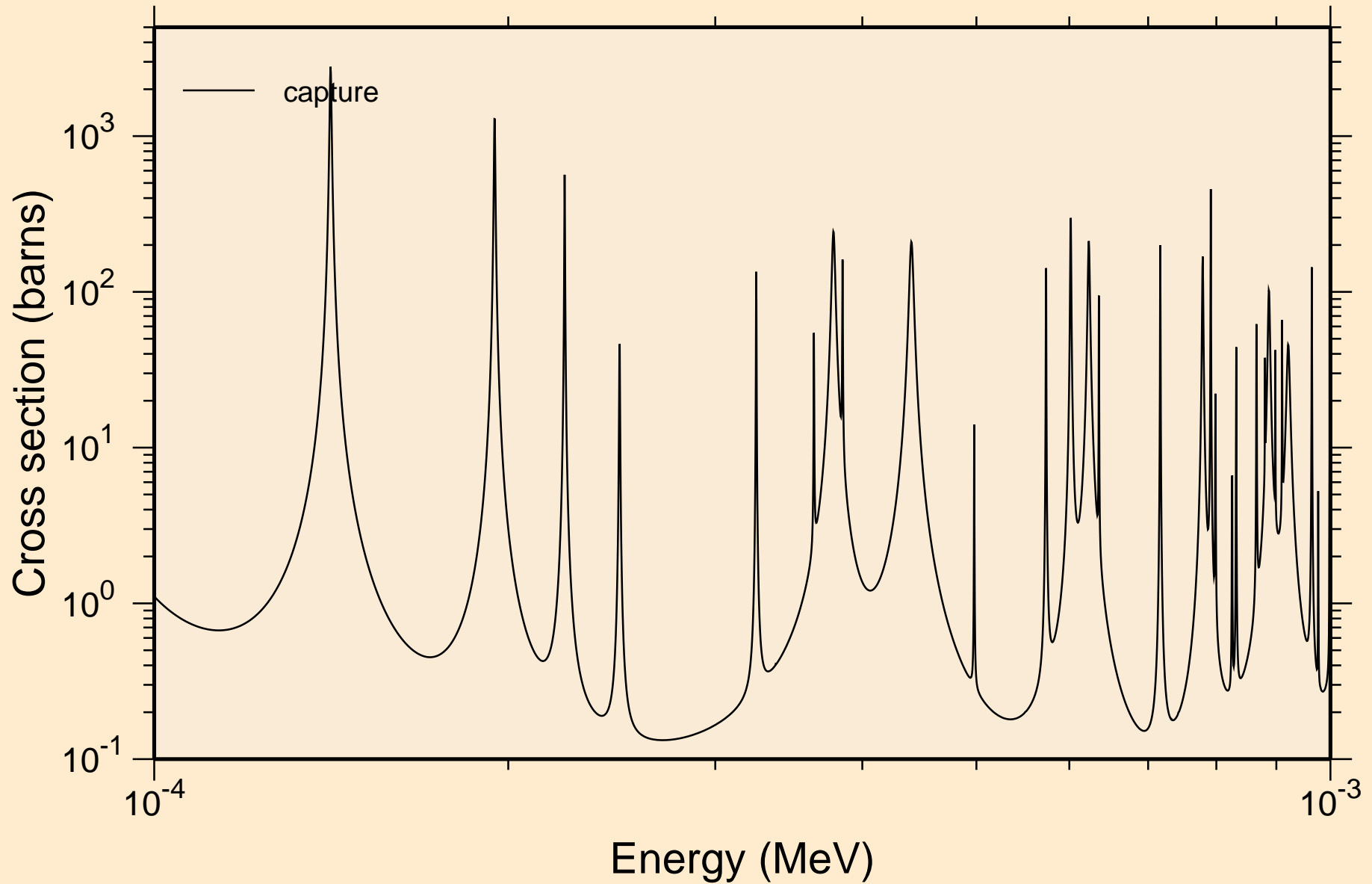
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resonance total cross section



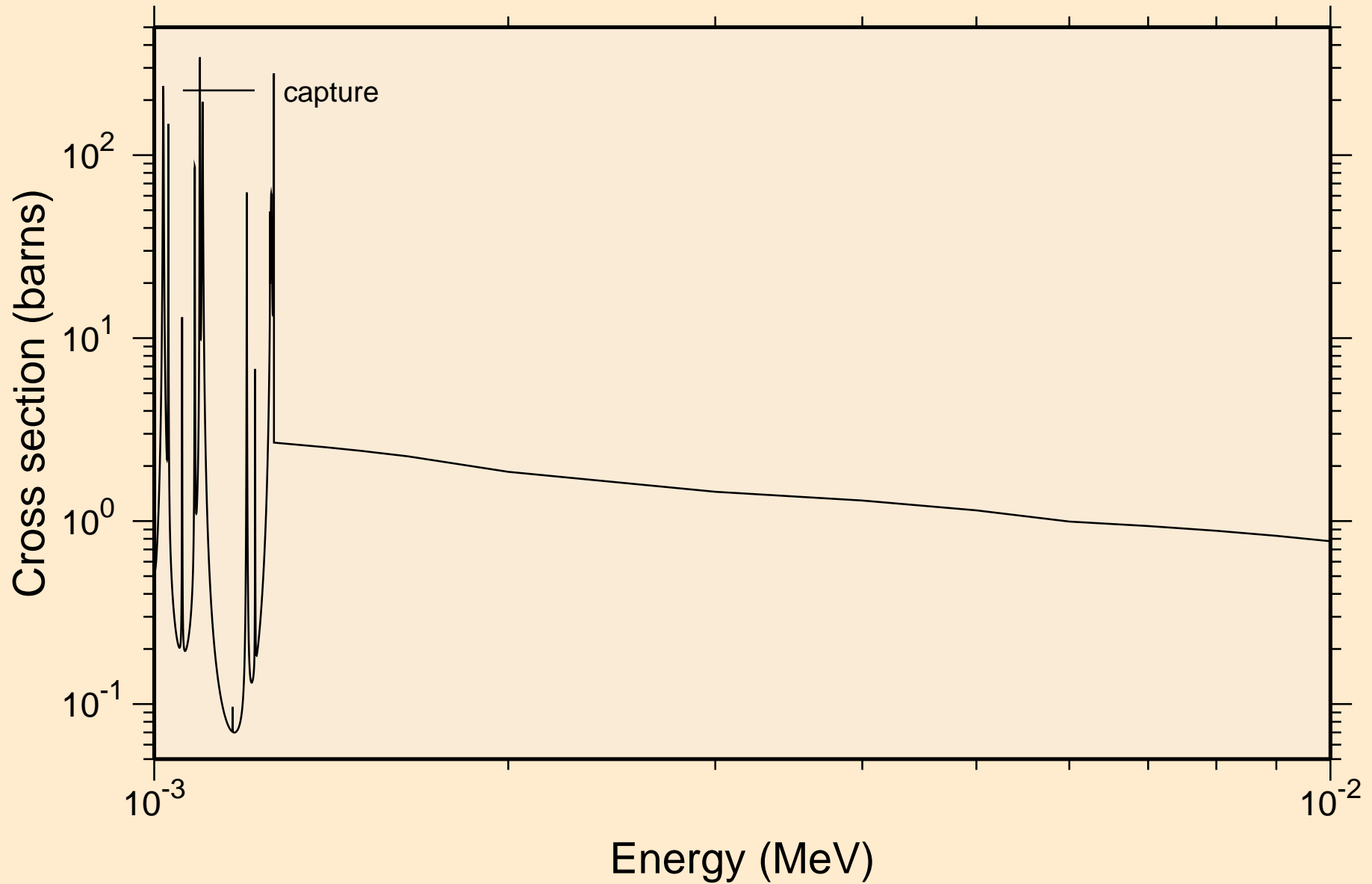
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

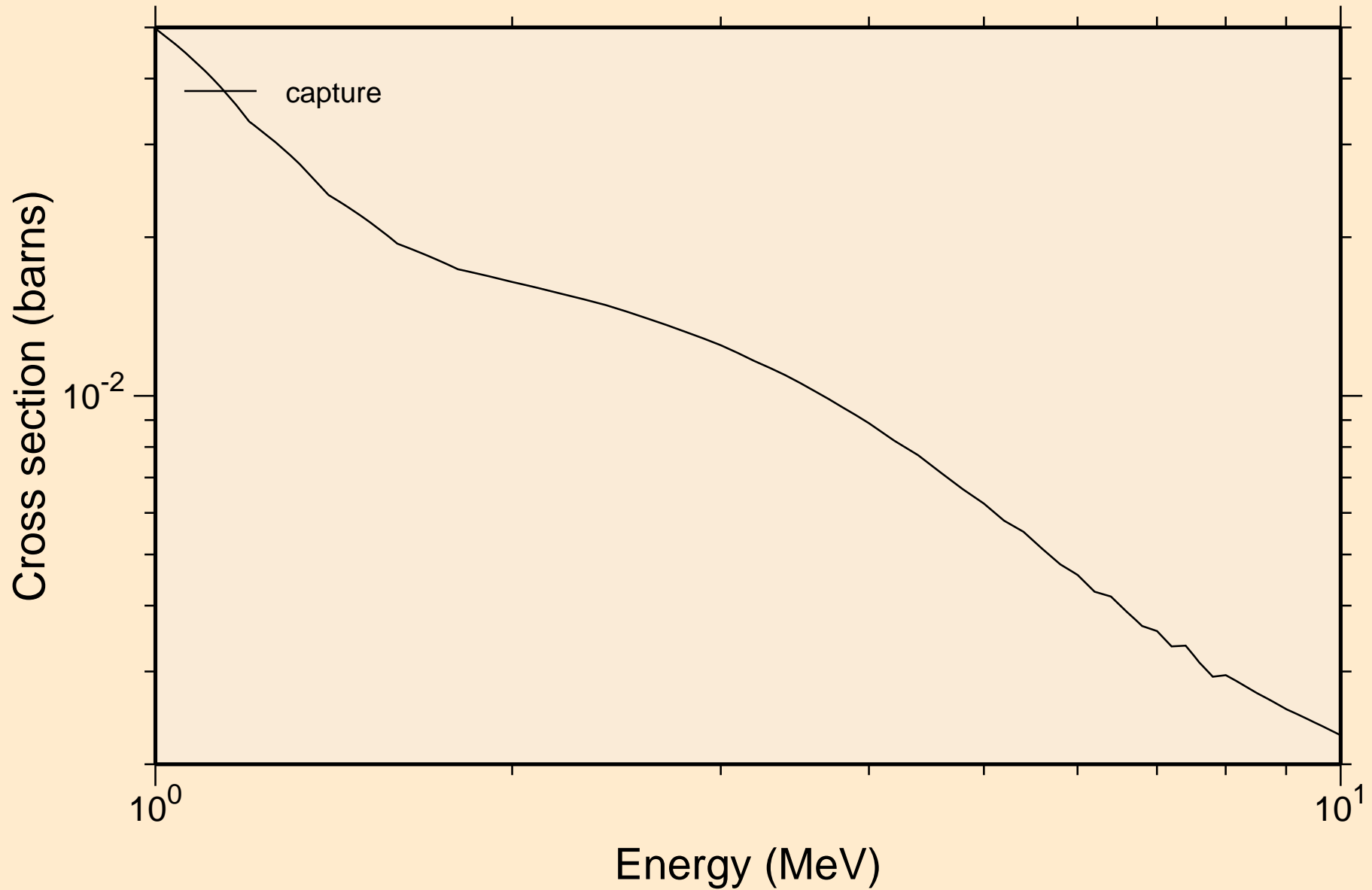


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



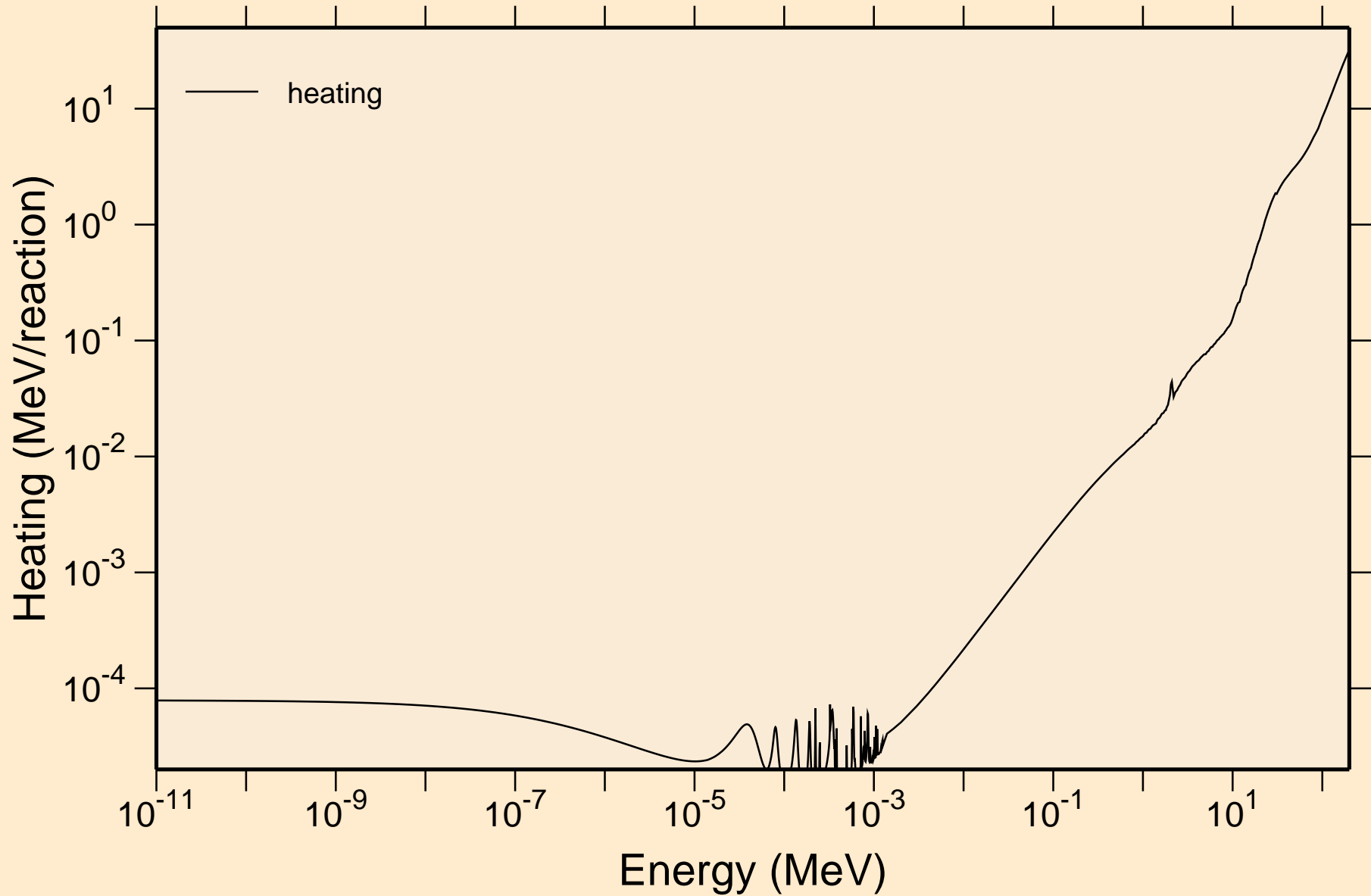


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

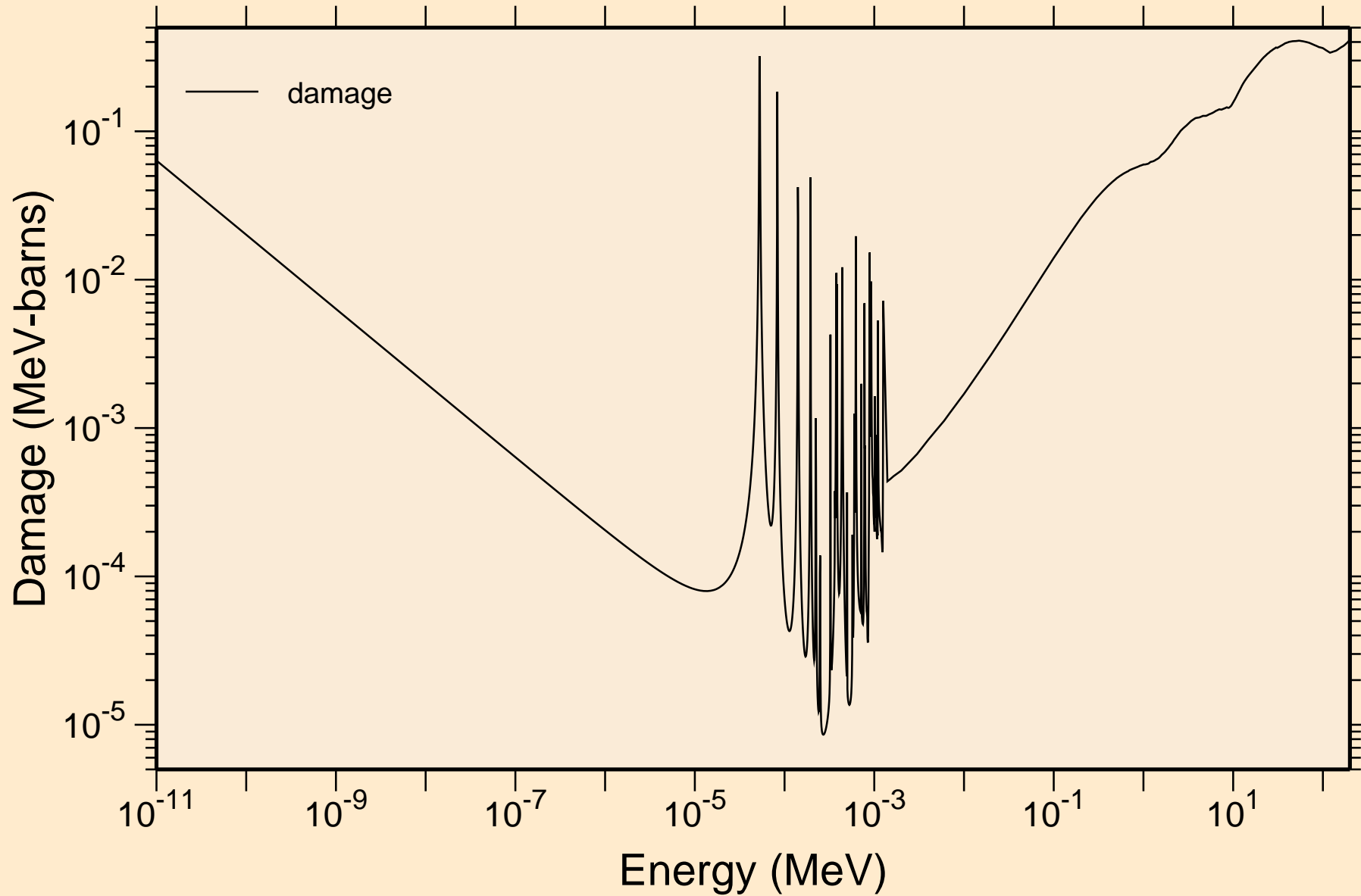


# RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

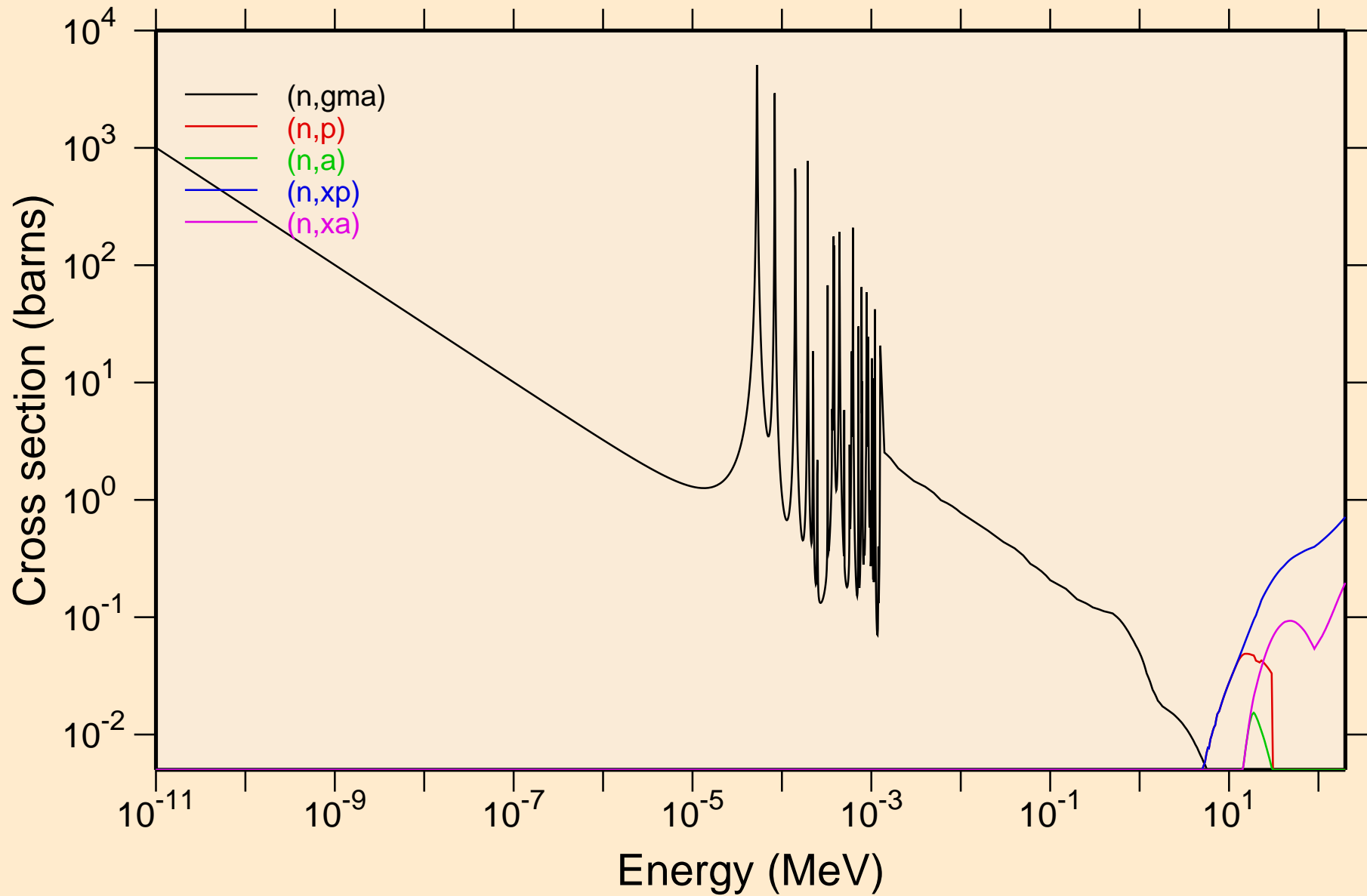
## Heating



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

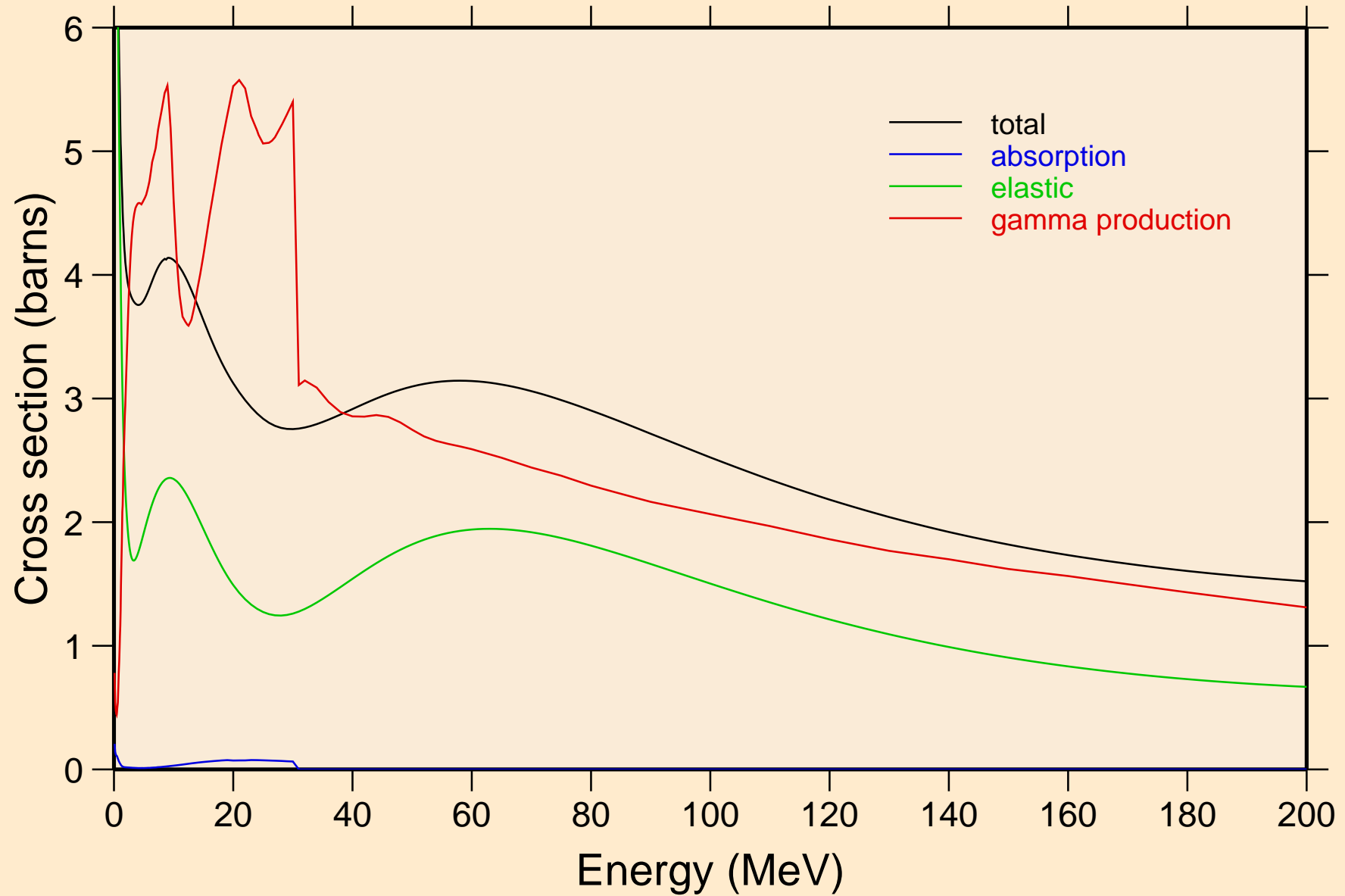


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



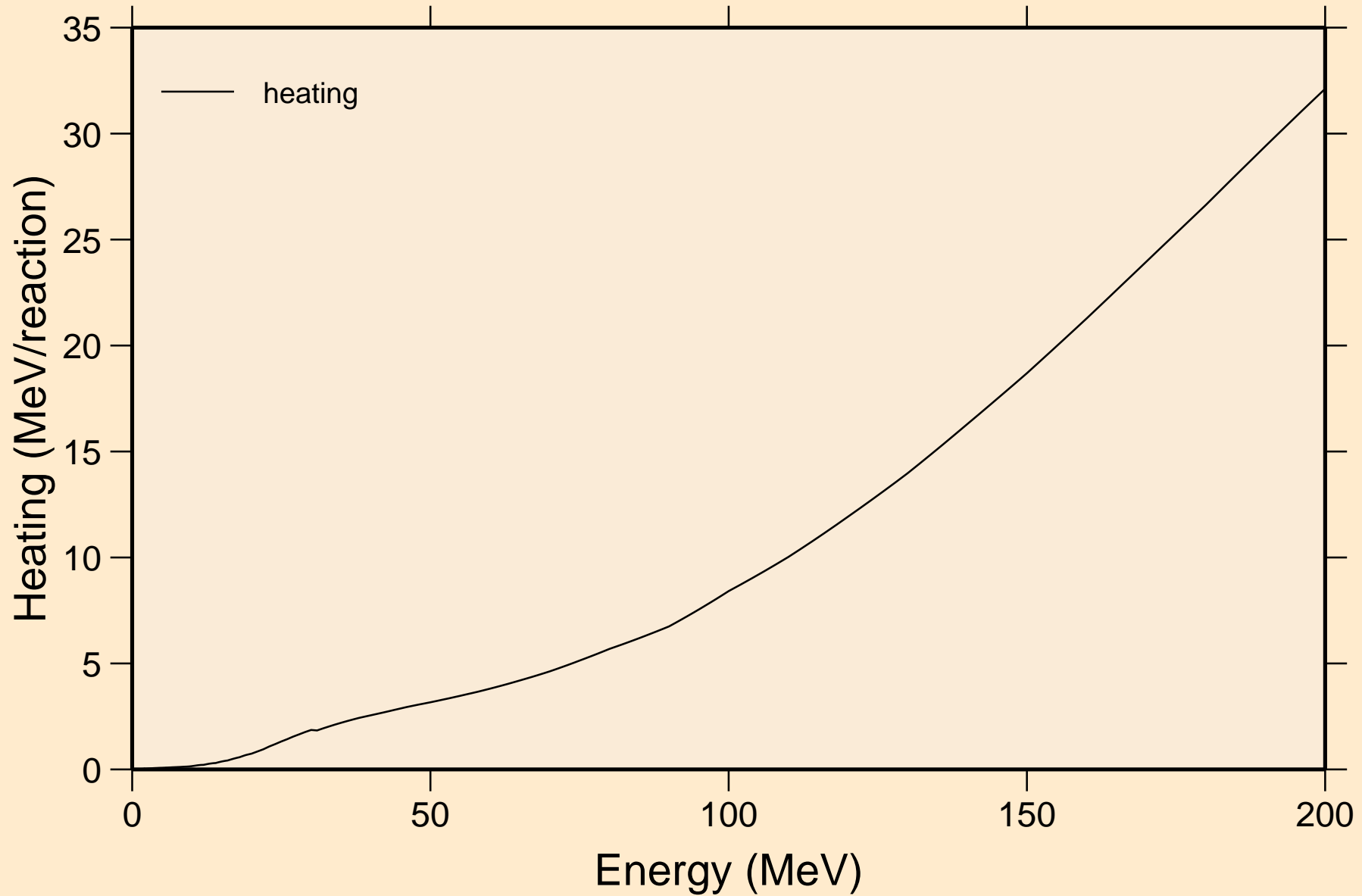
# RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

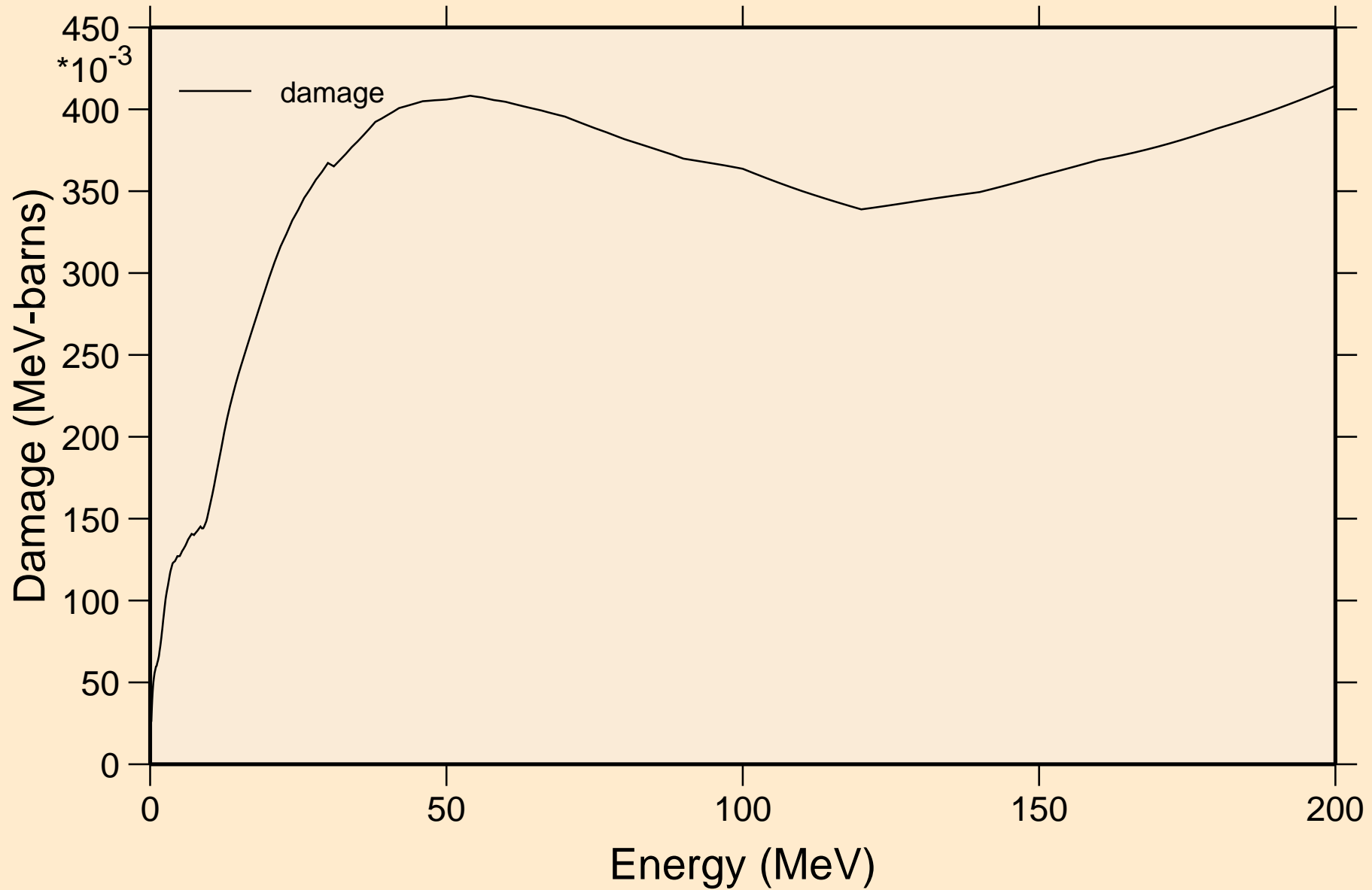


# RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

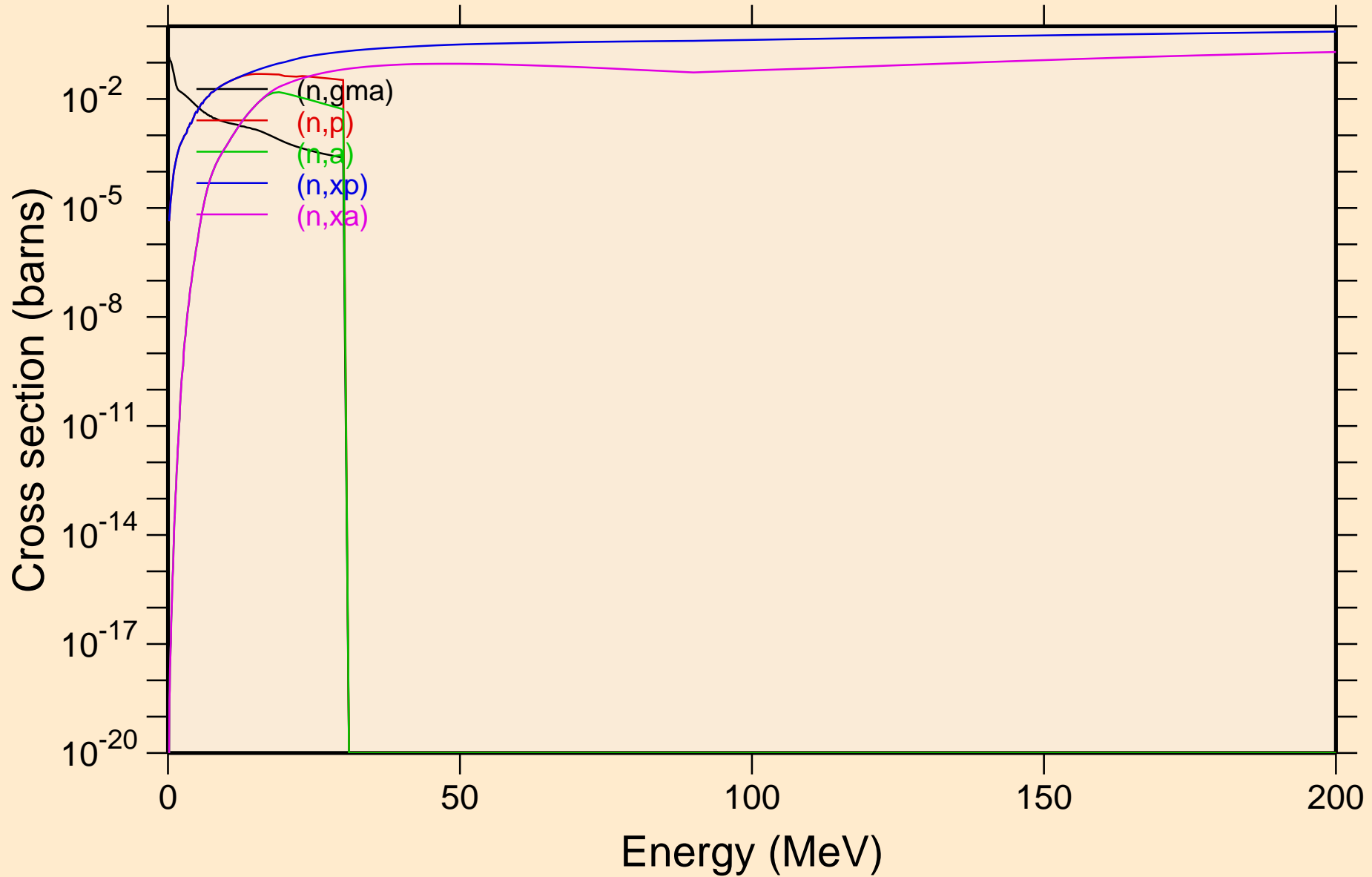
## Heating



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

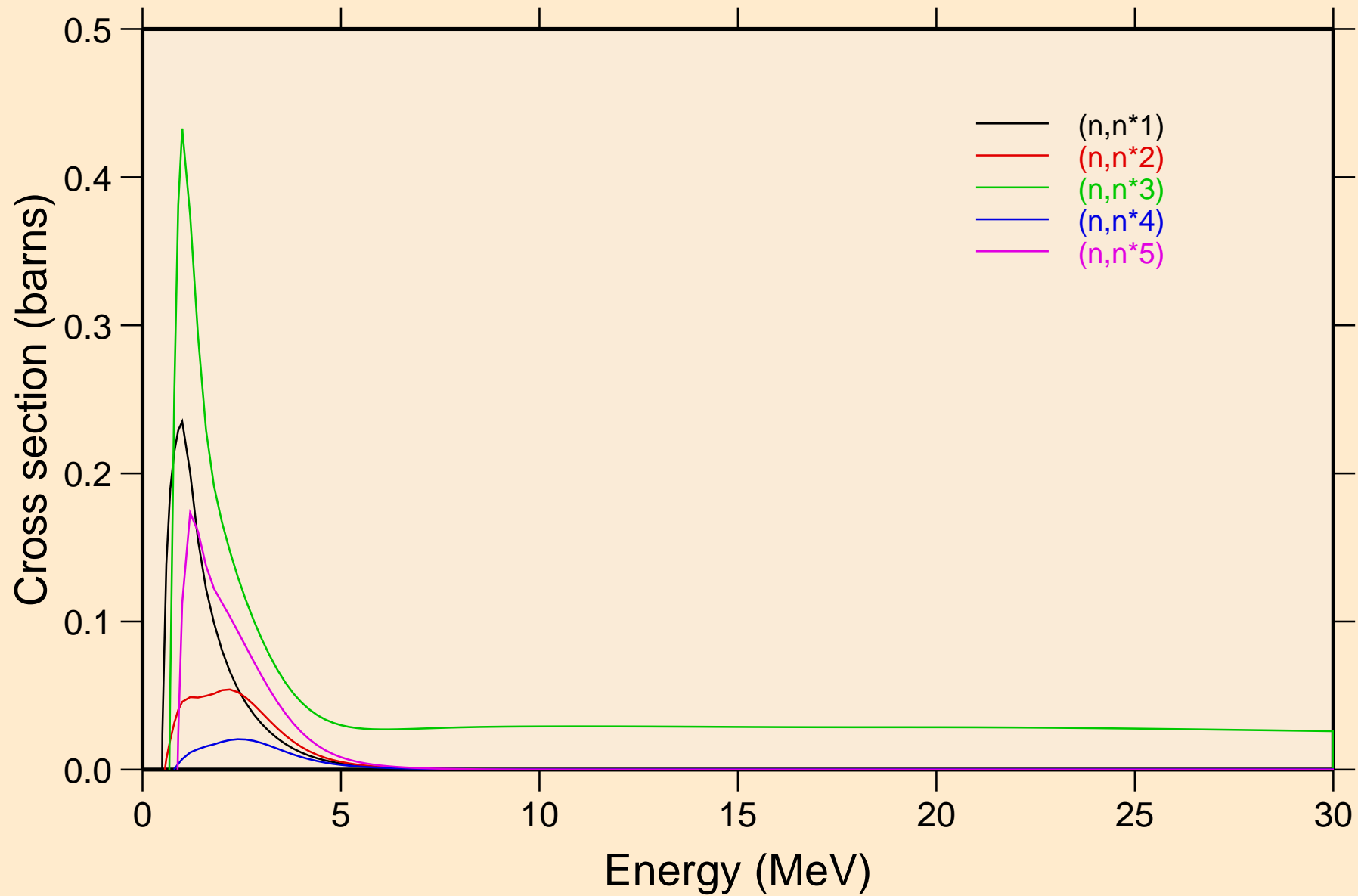


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

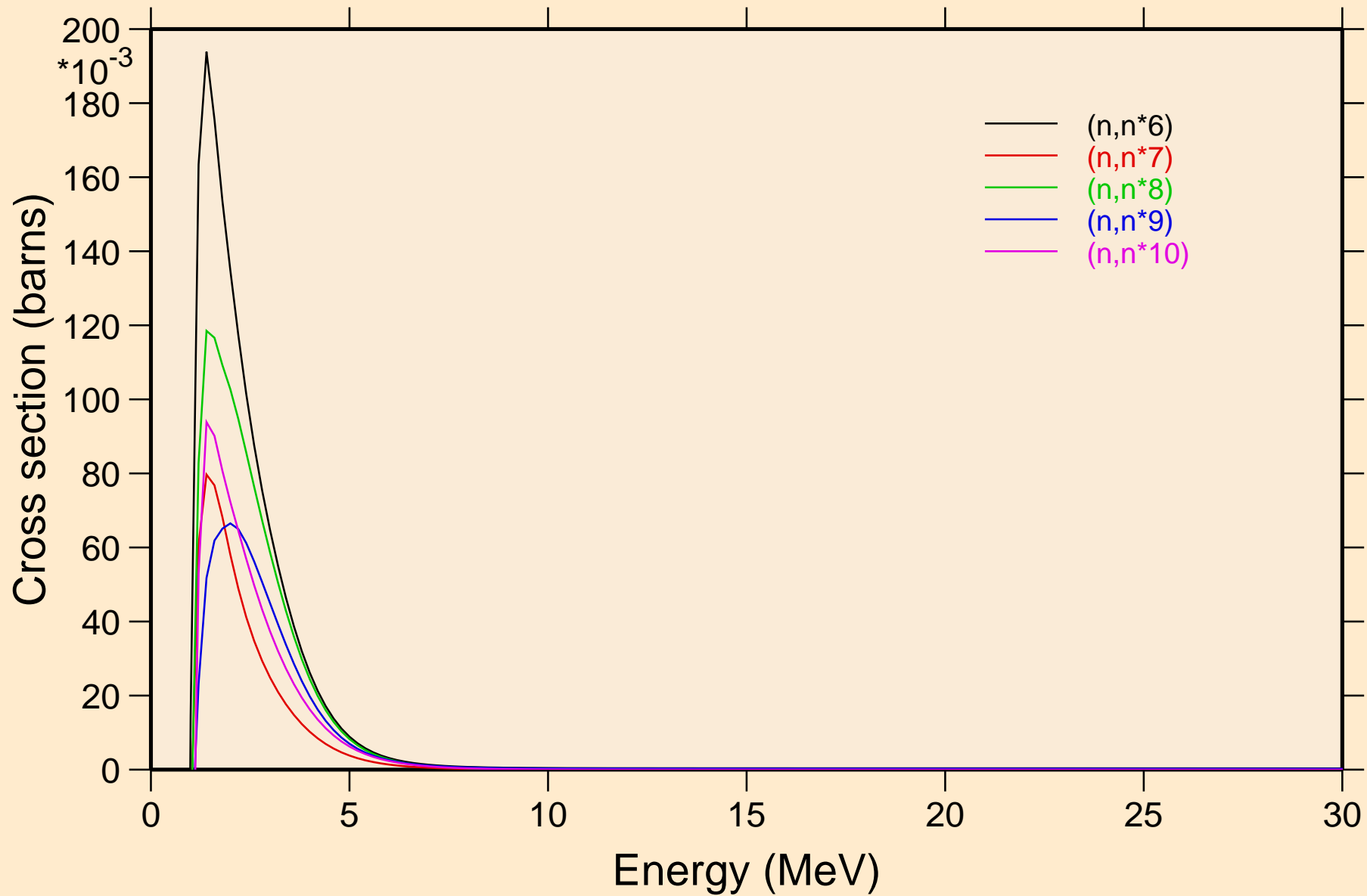




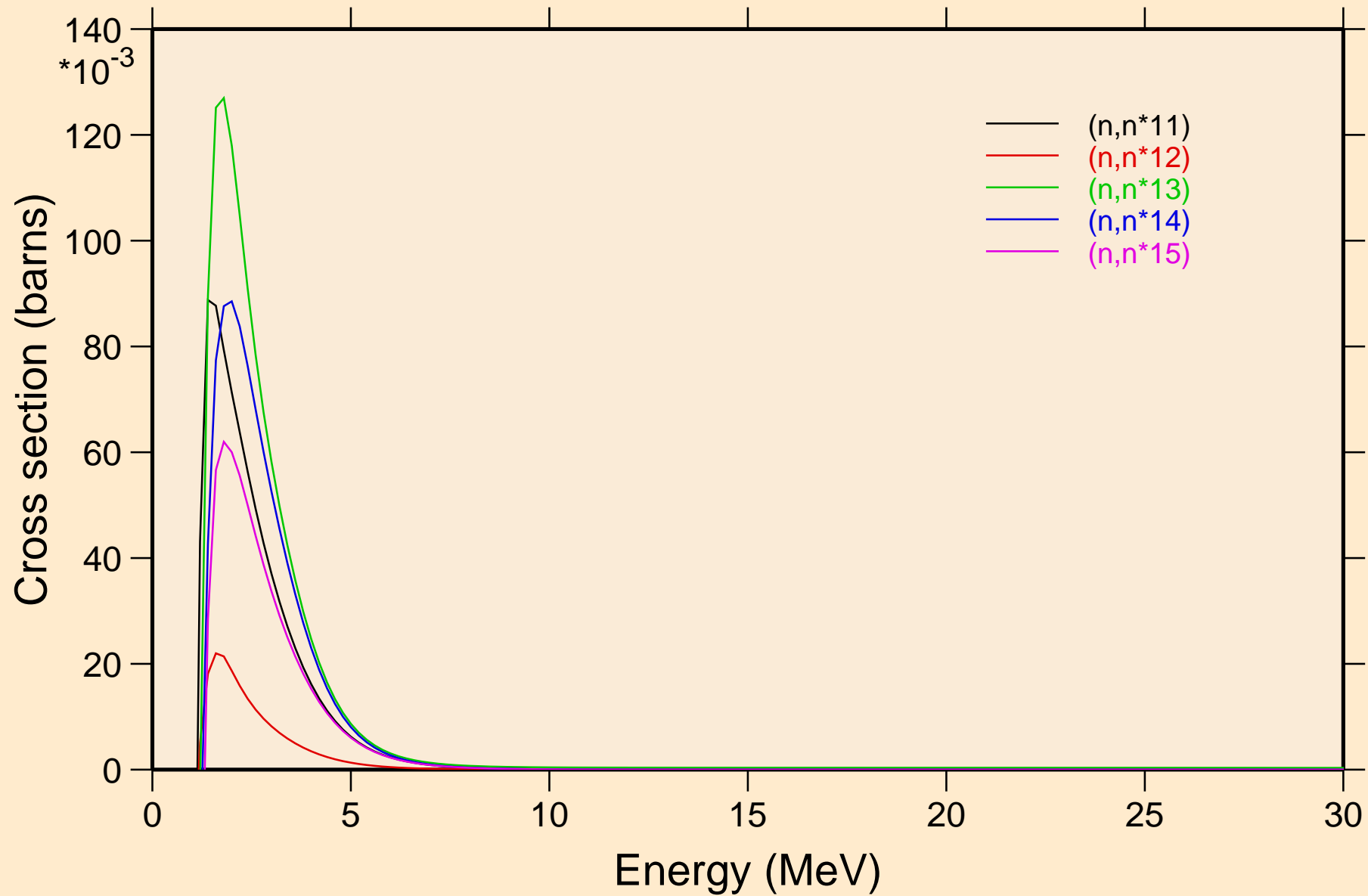
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



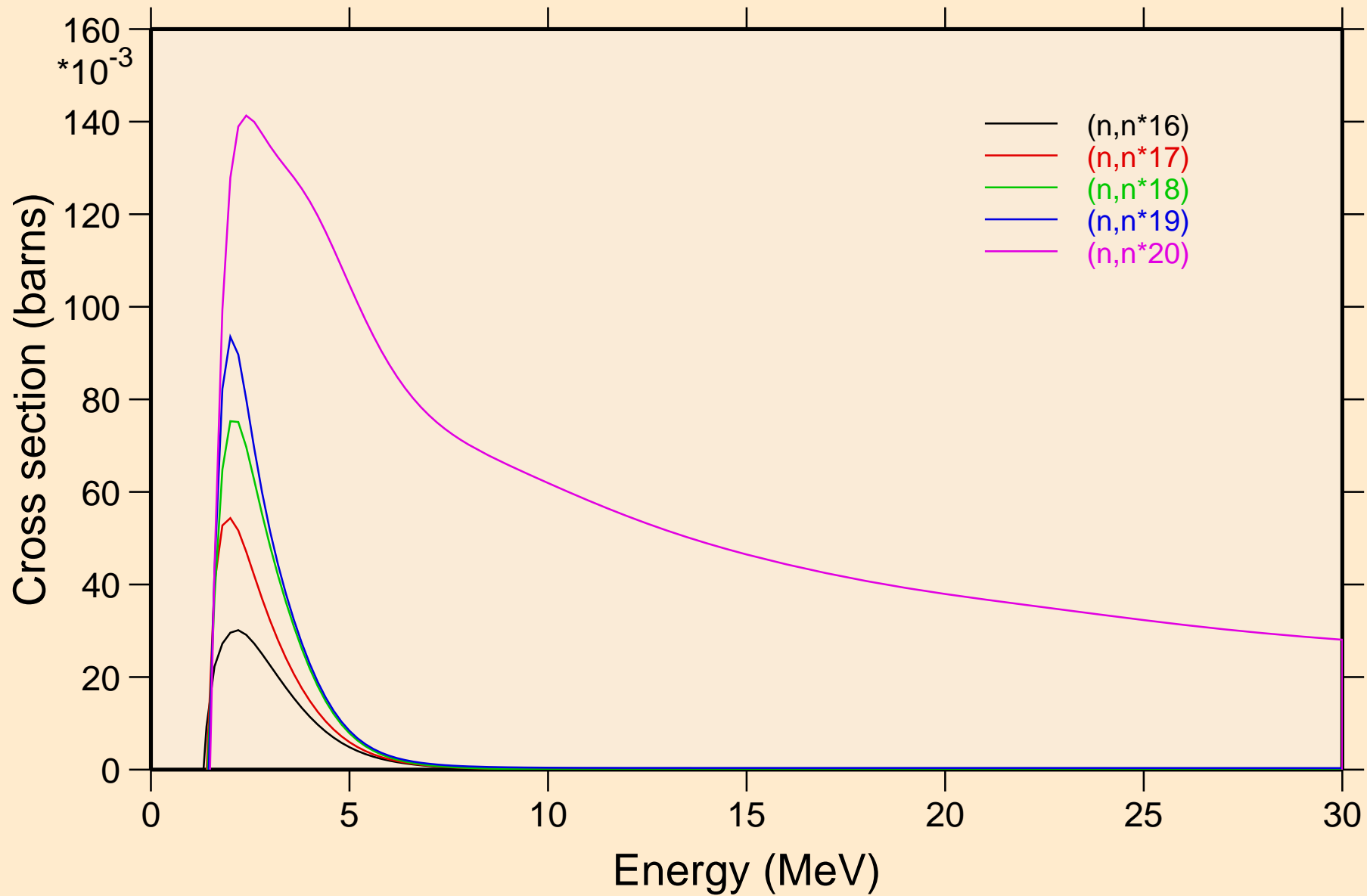
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



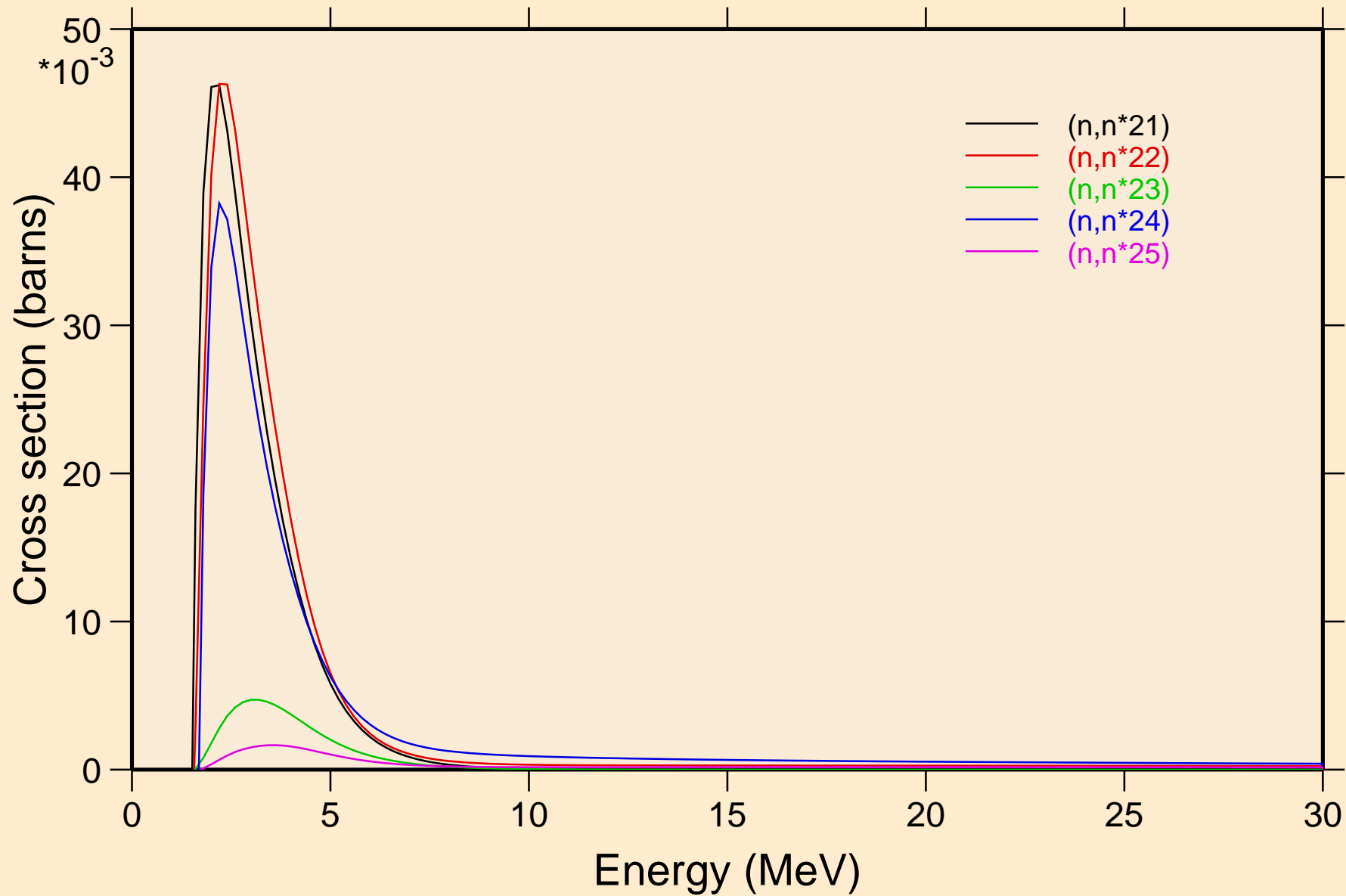
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



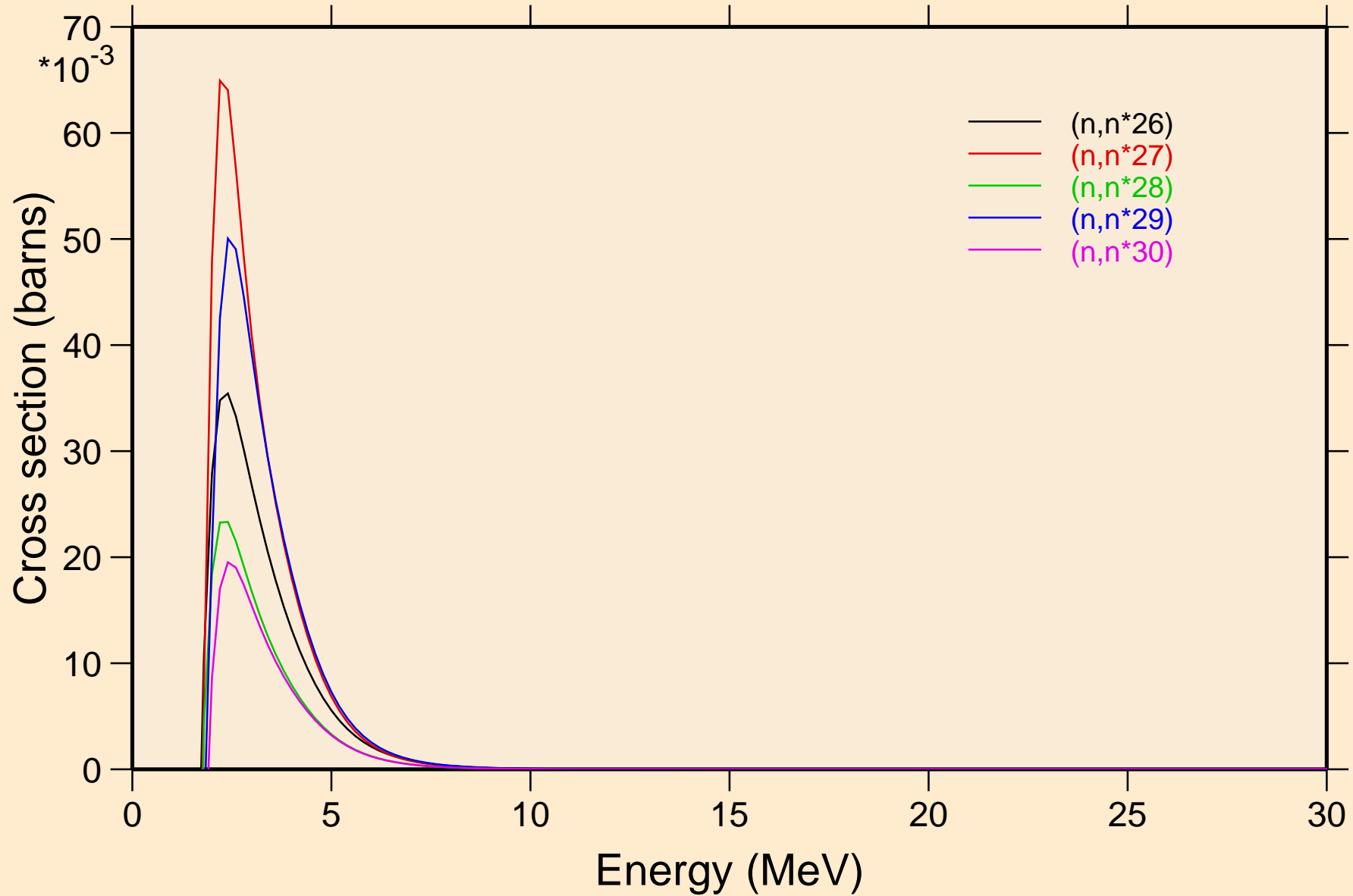
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



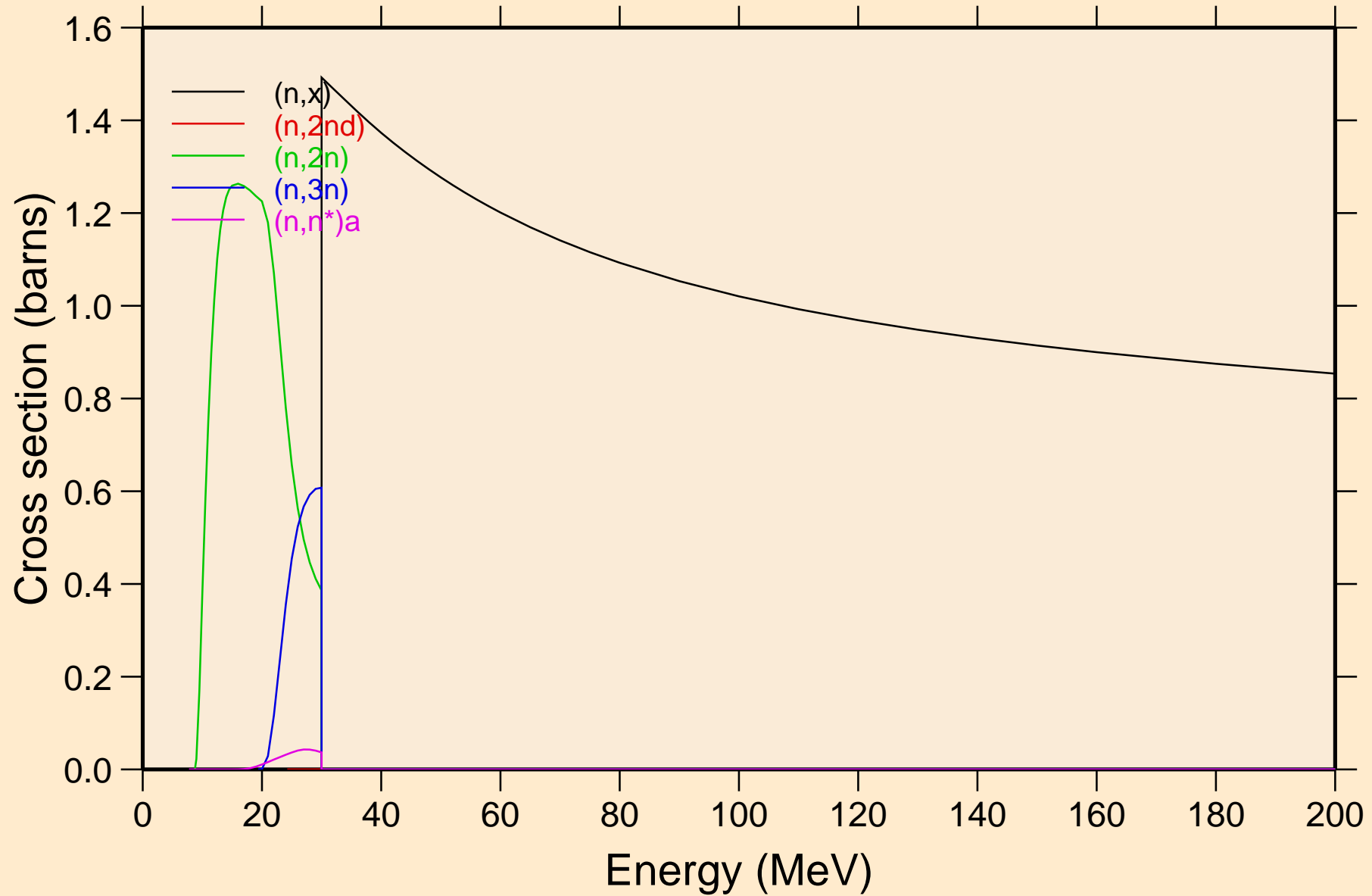
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



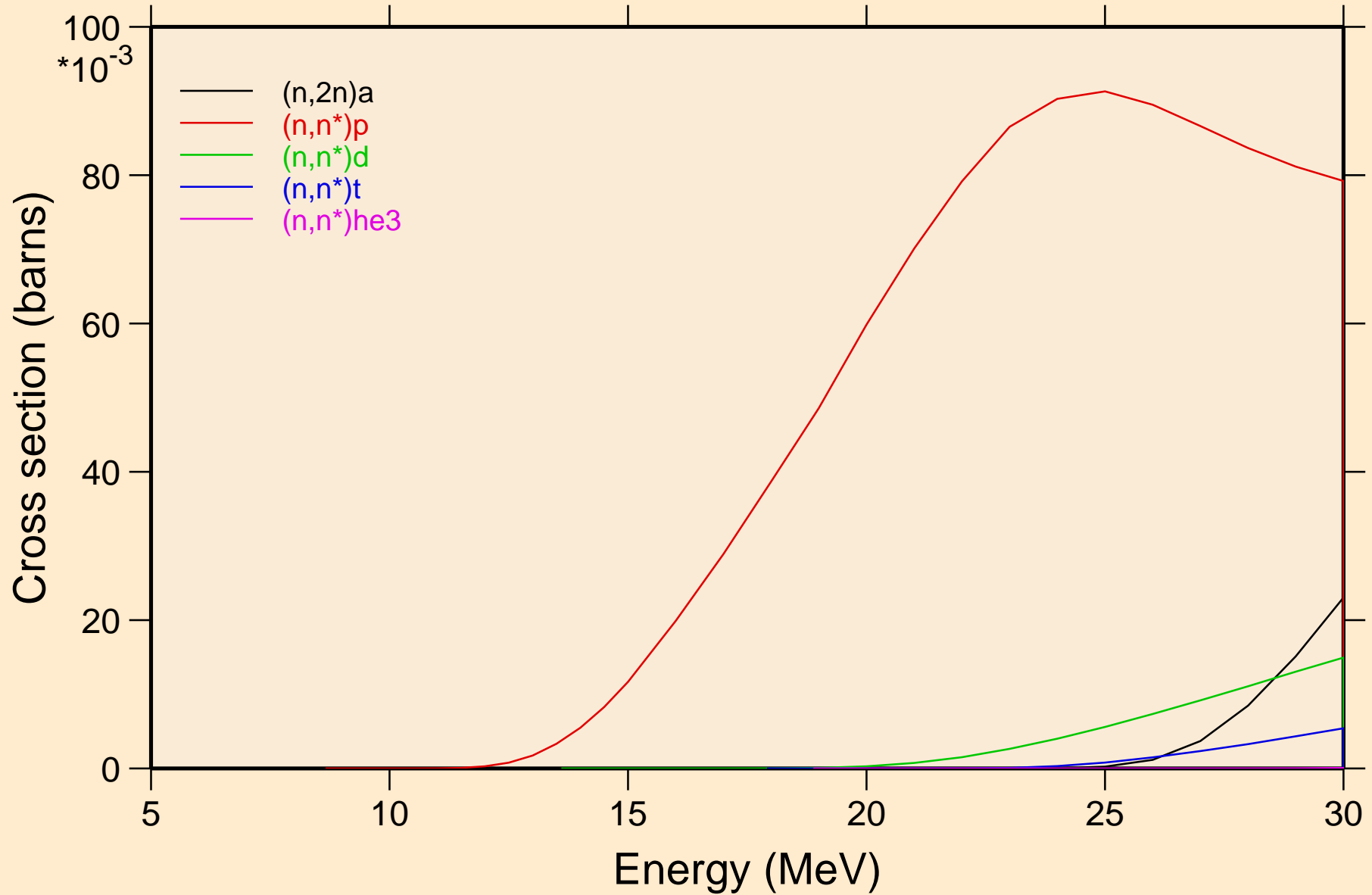
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

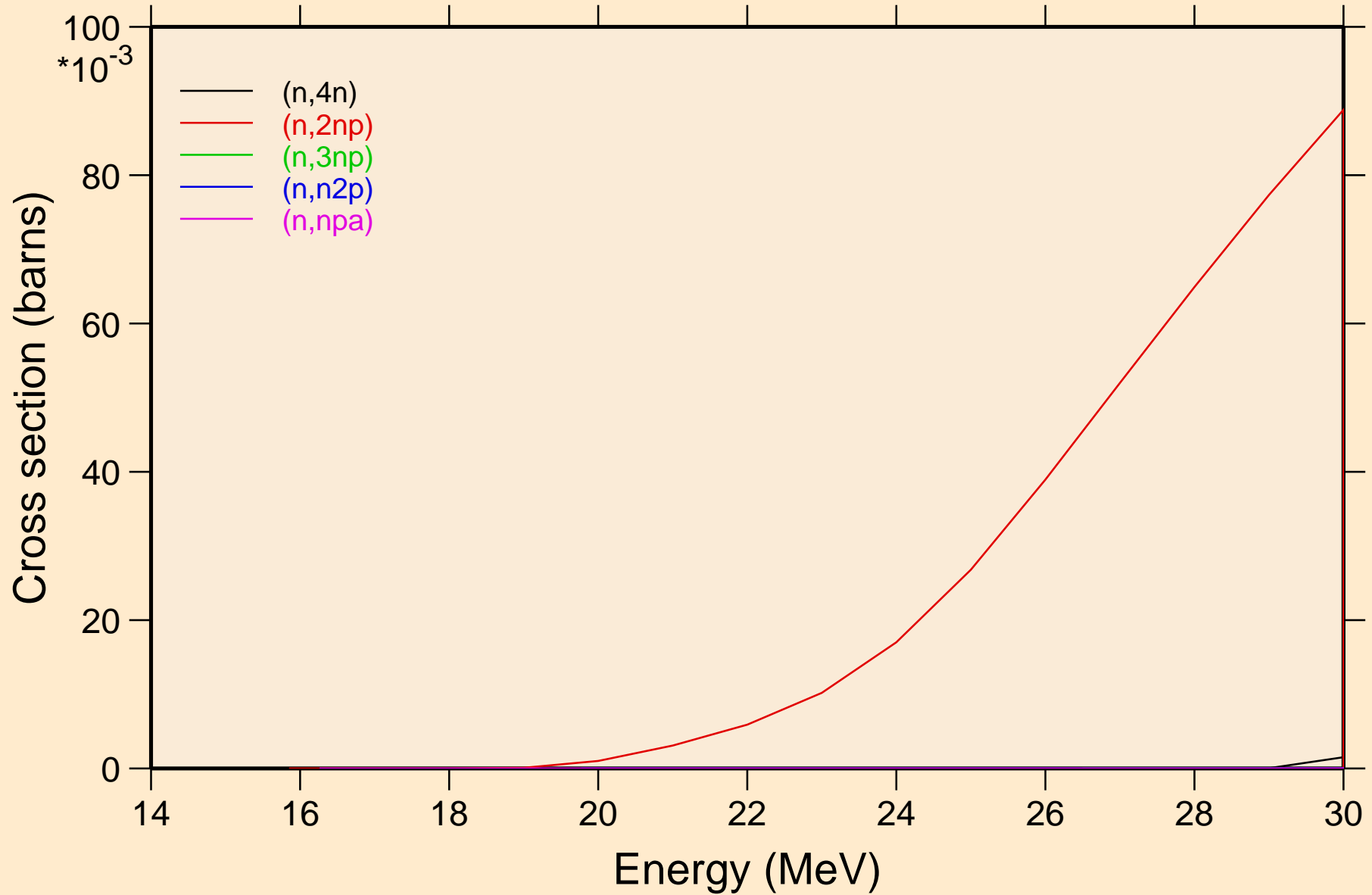


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

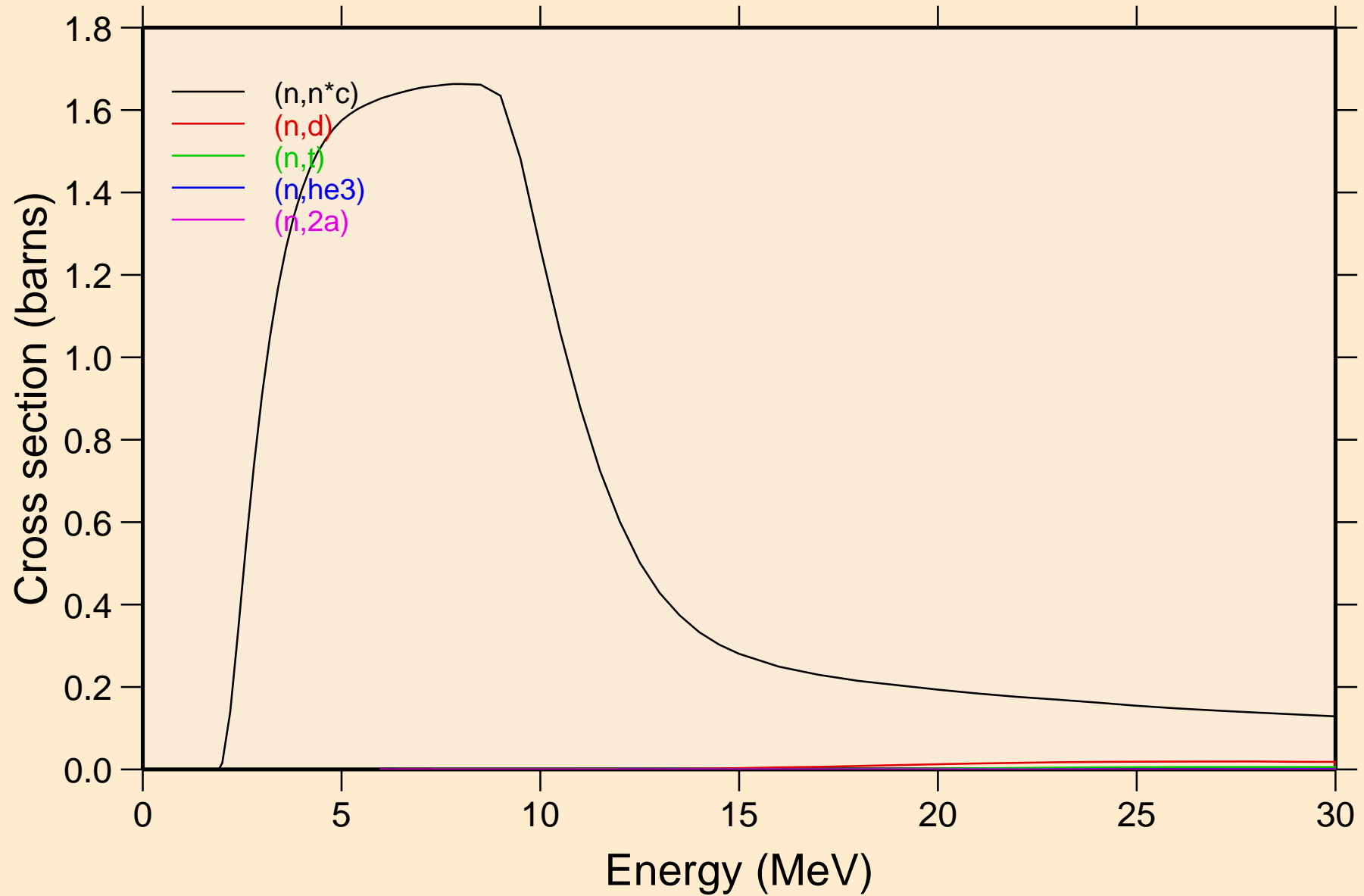




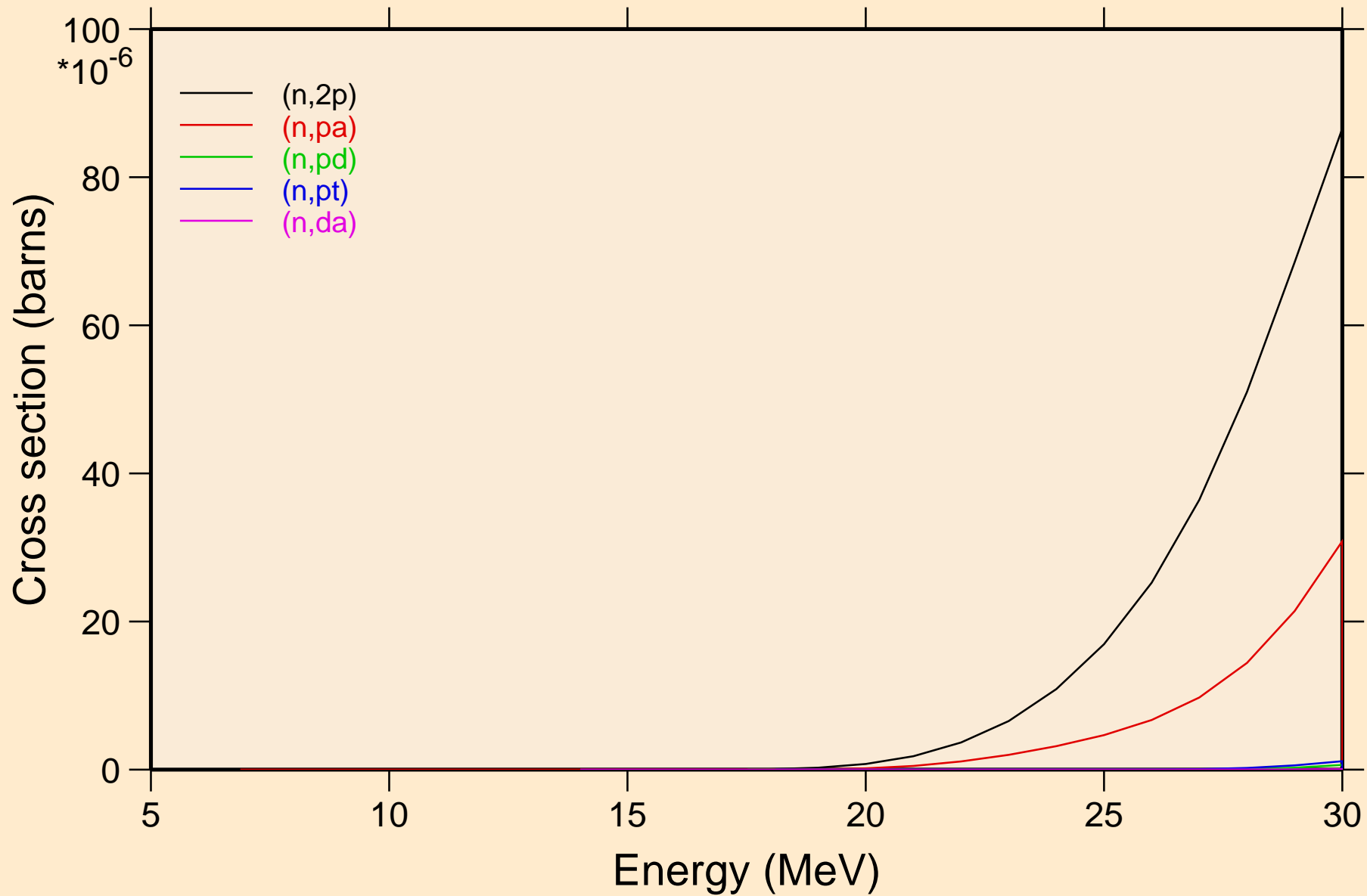
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



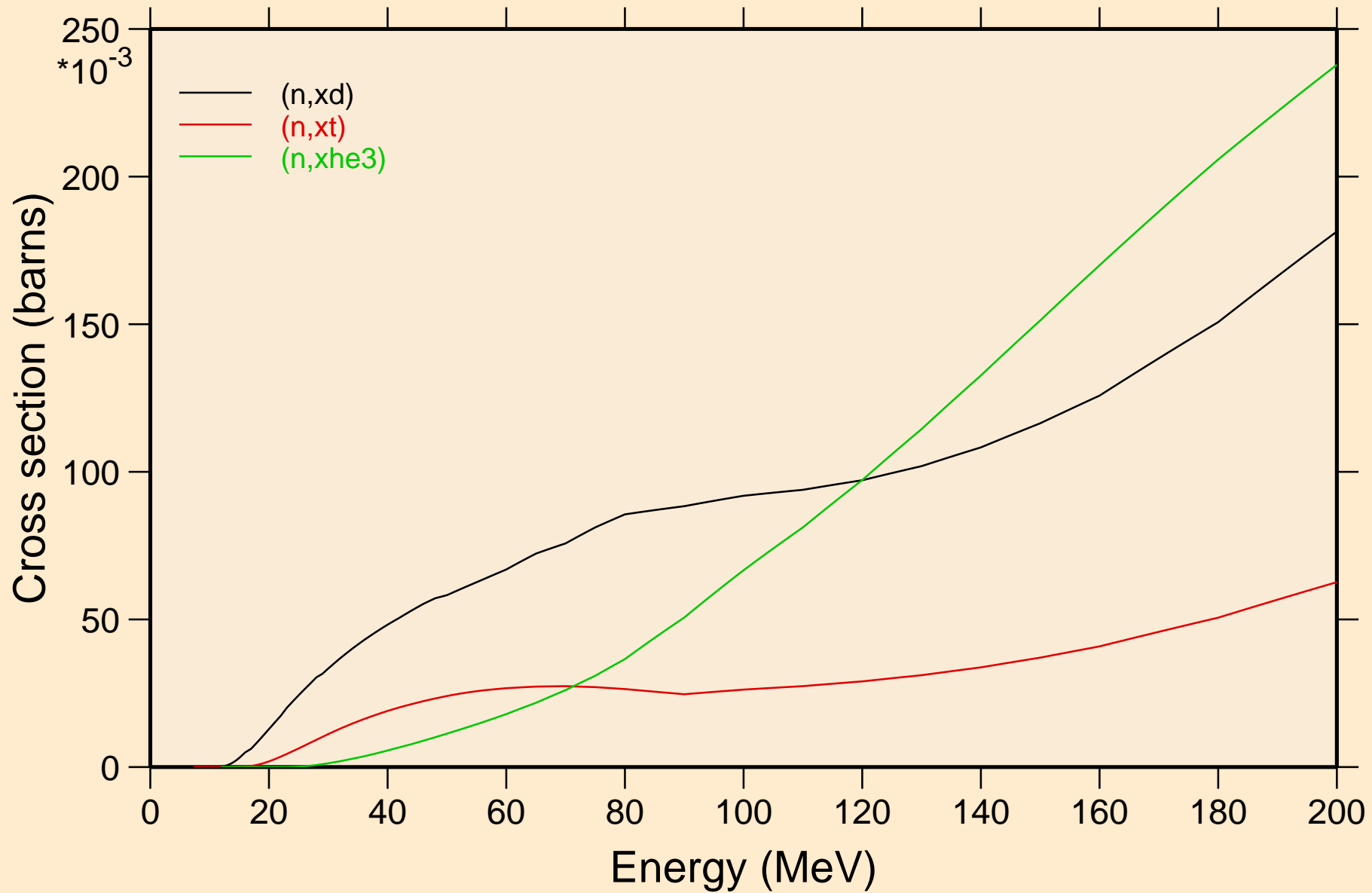
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



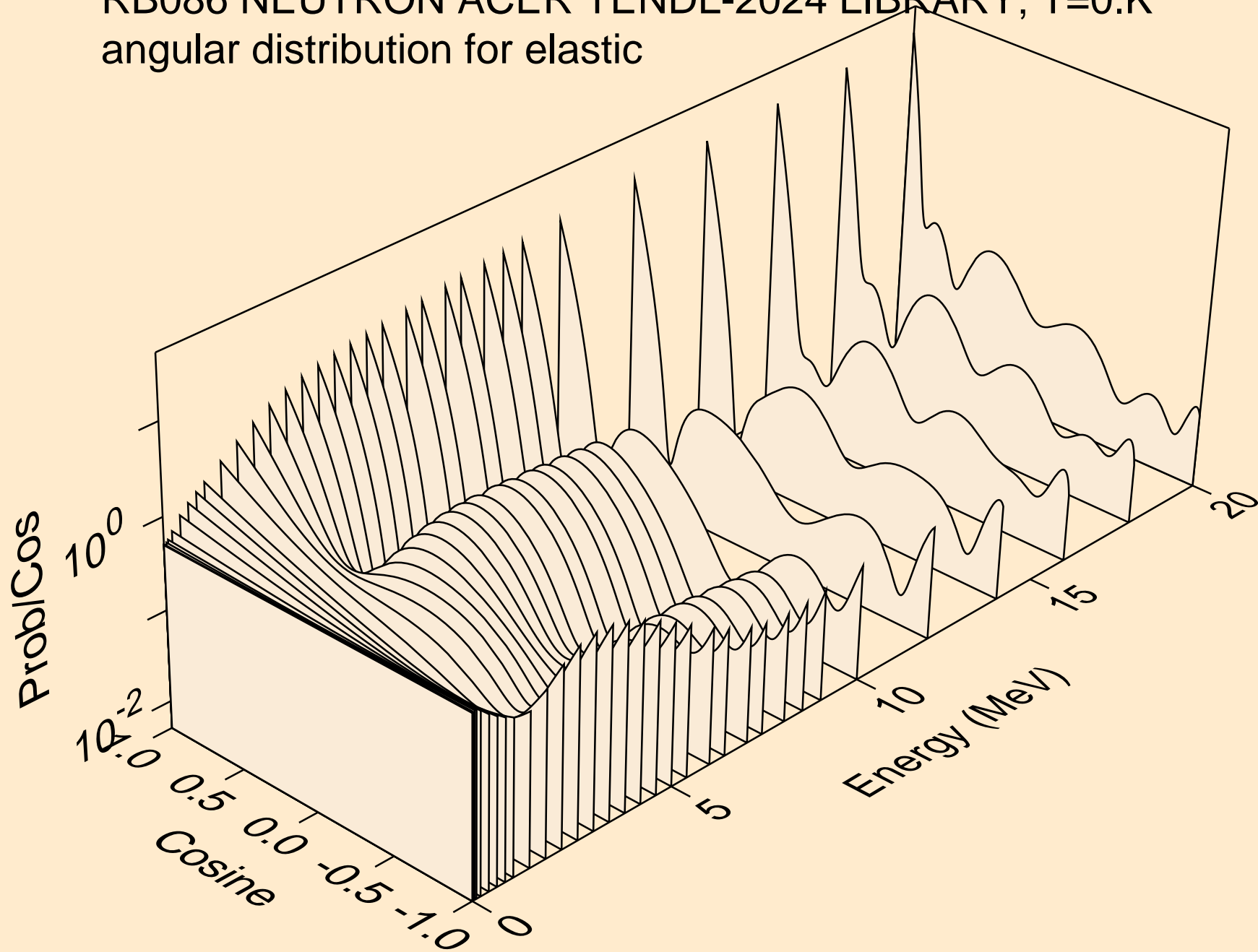
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



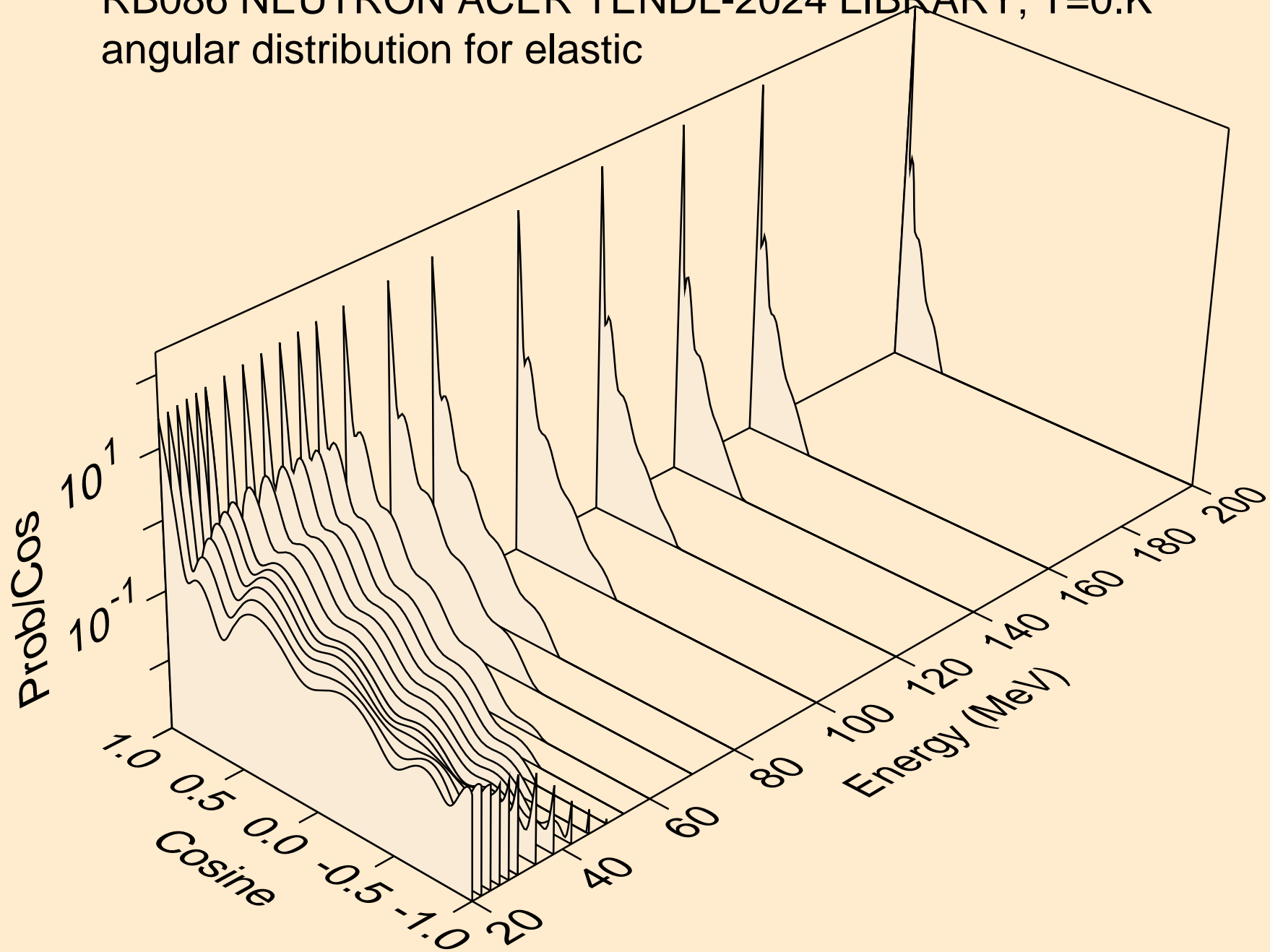
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



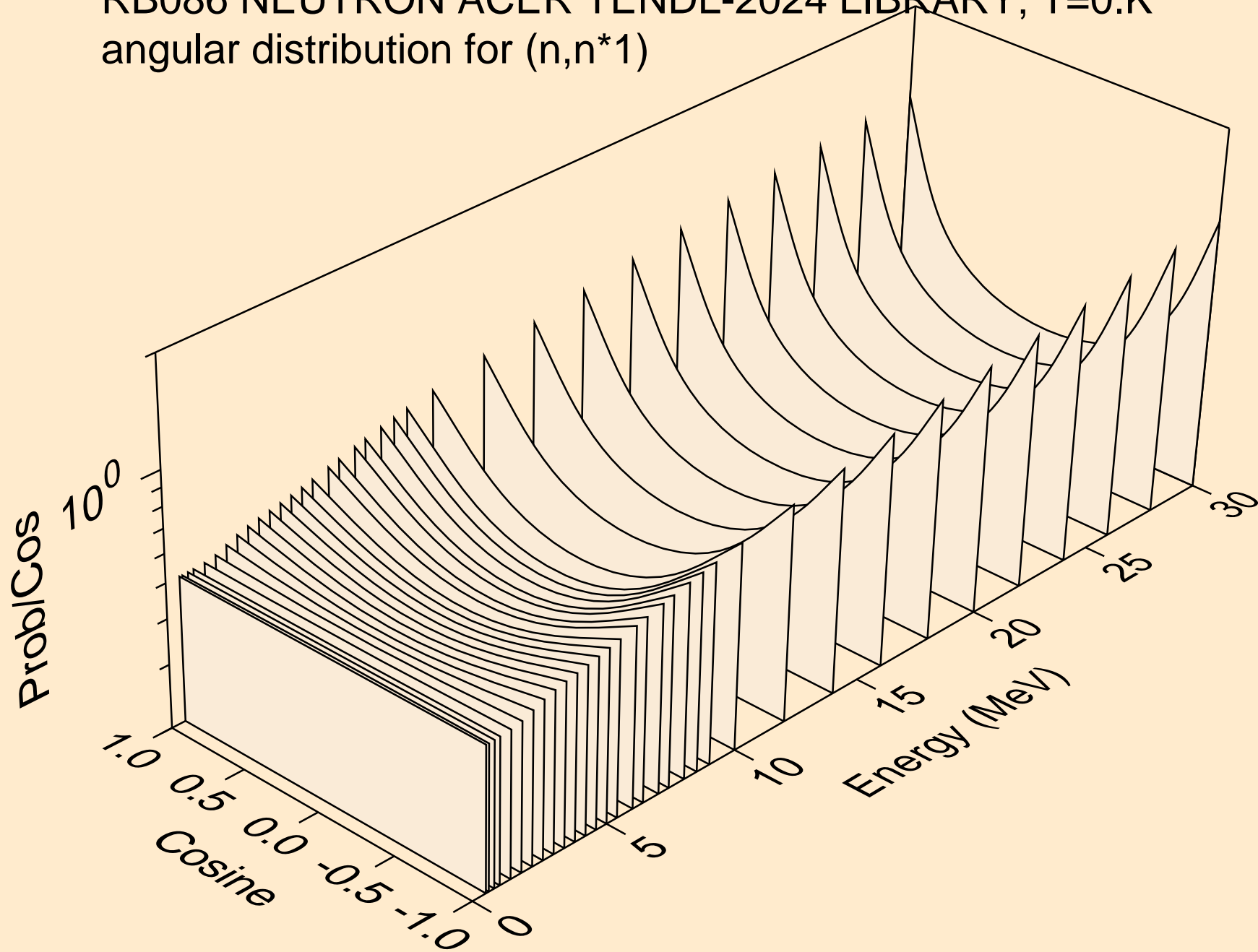
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



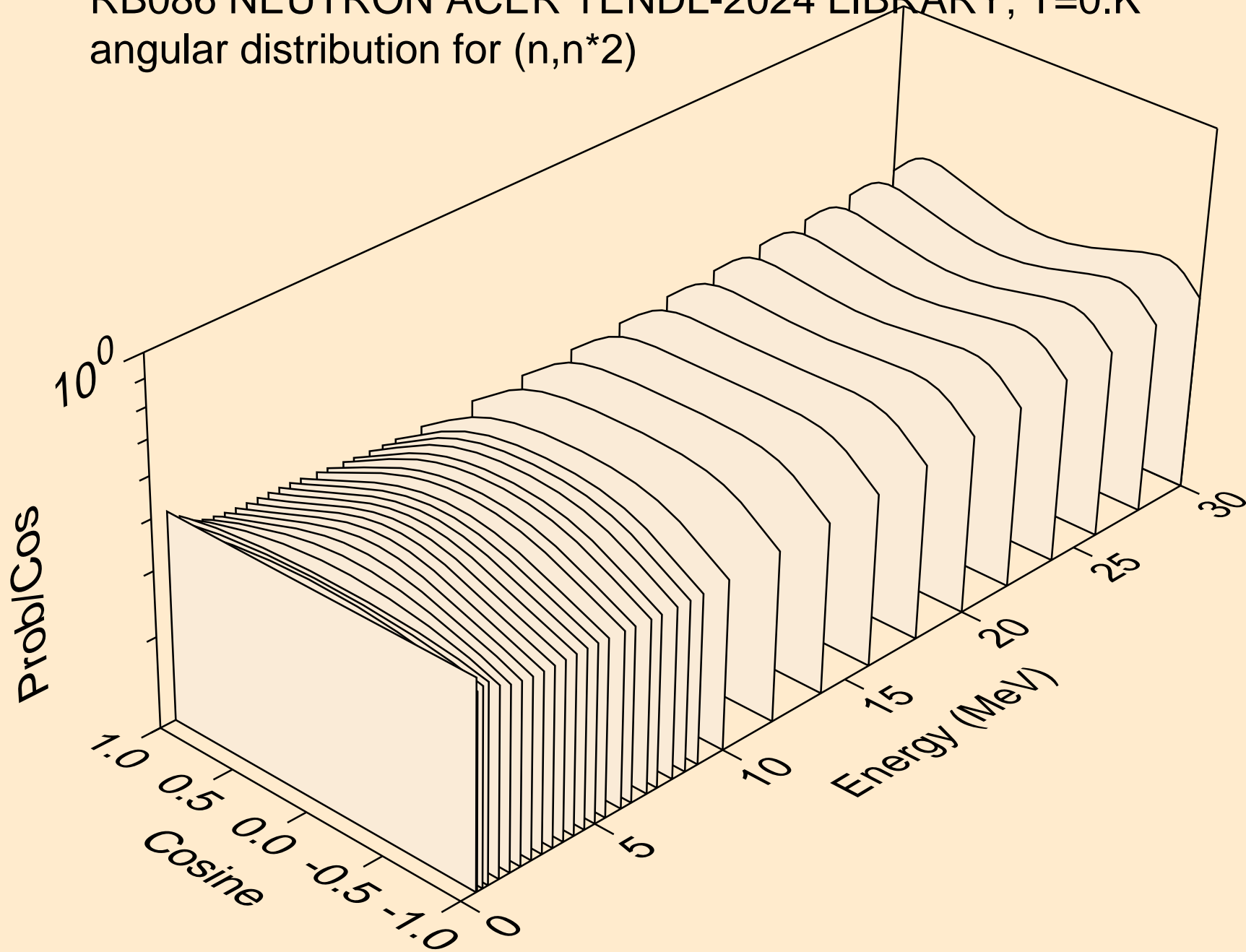
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

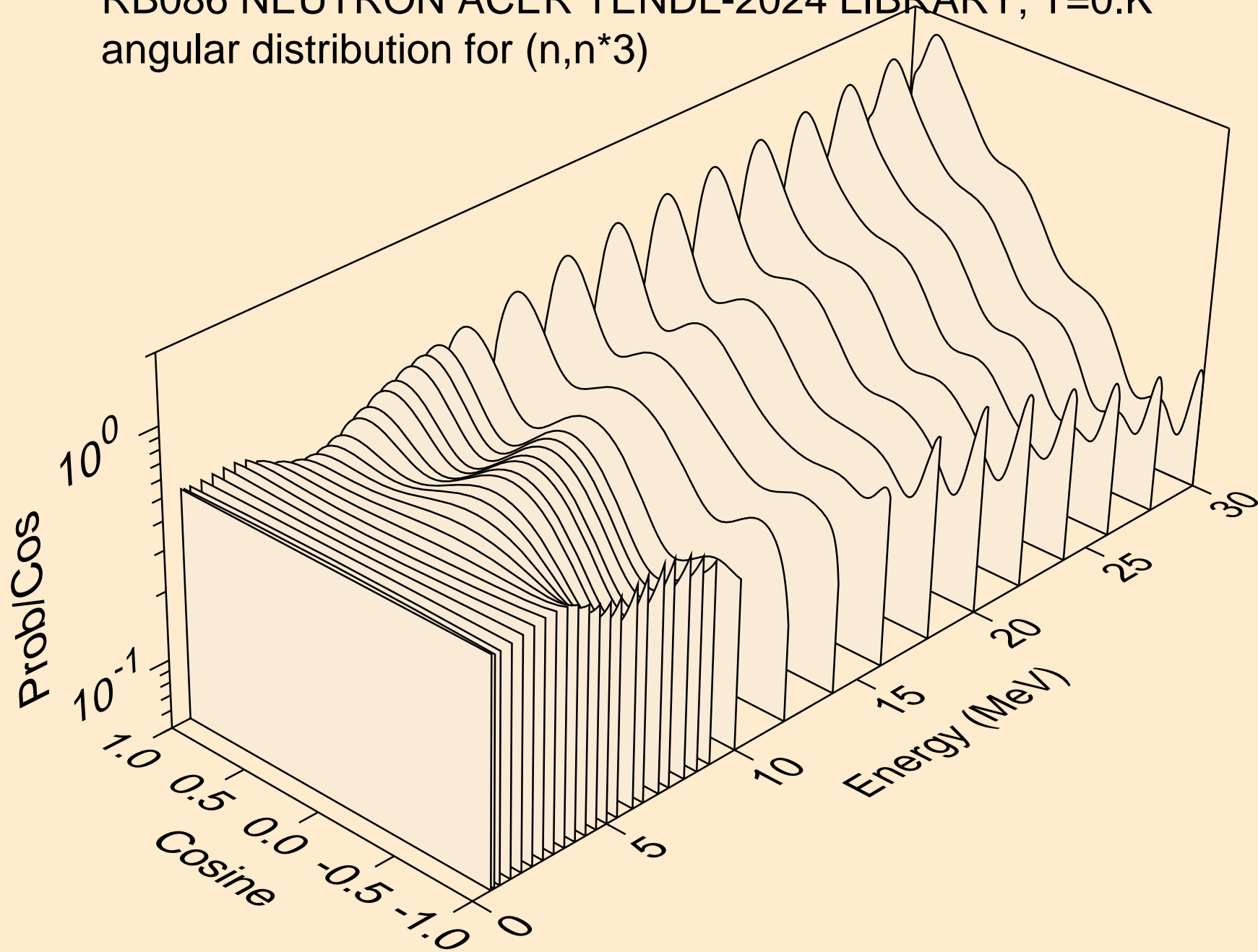


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

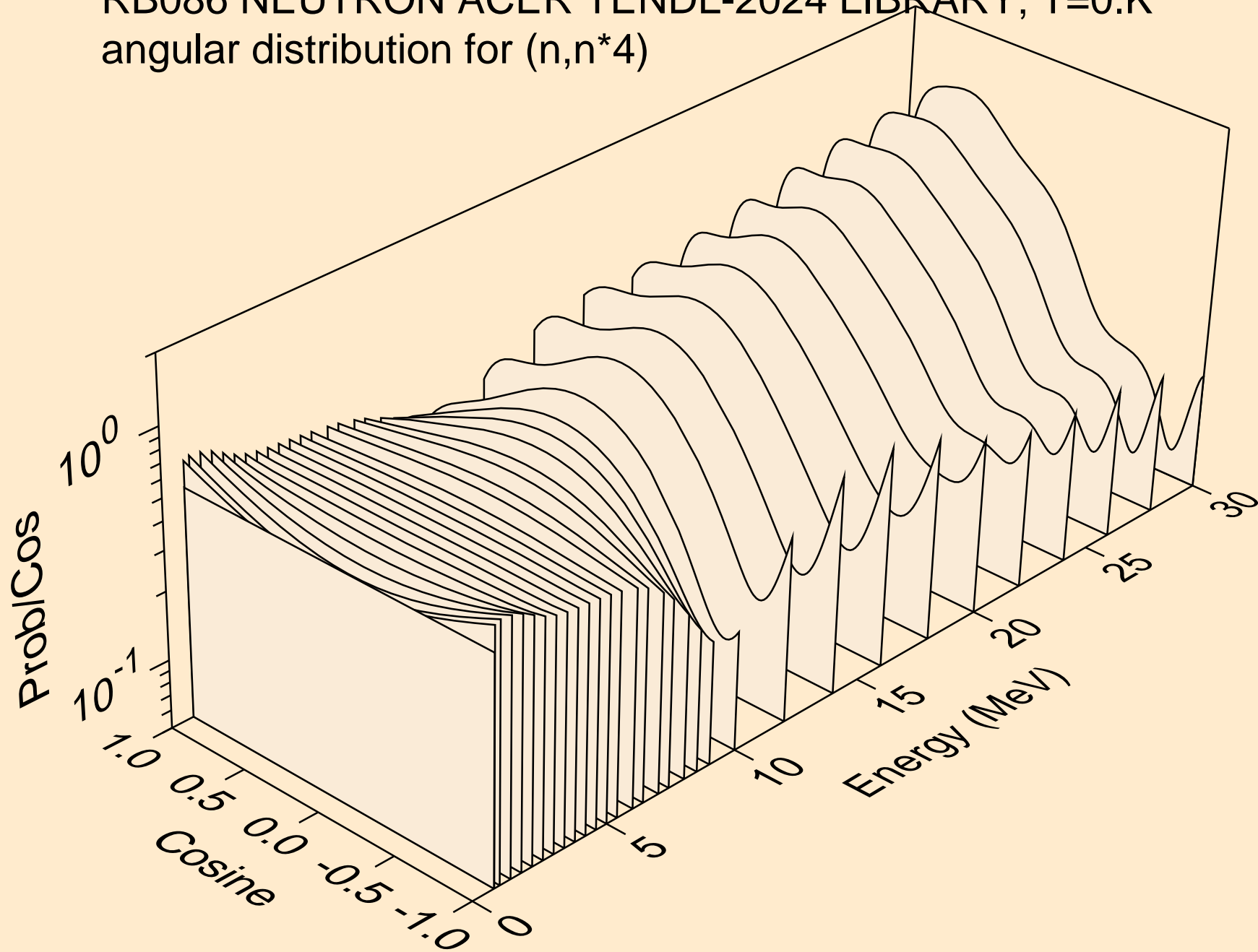




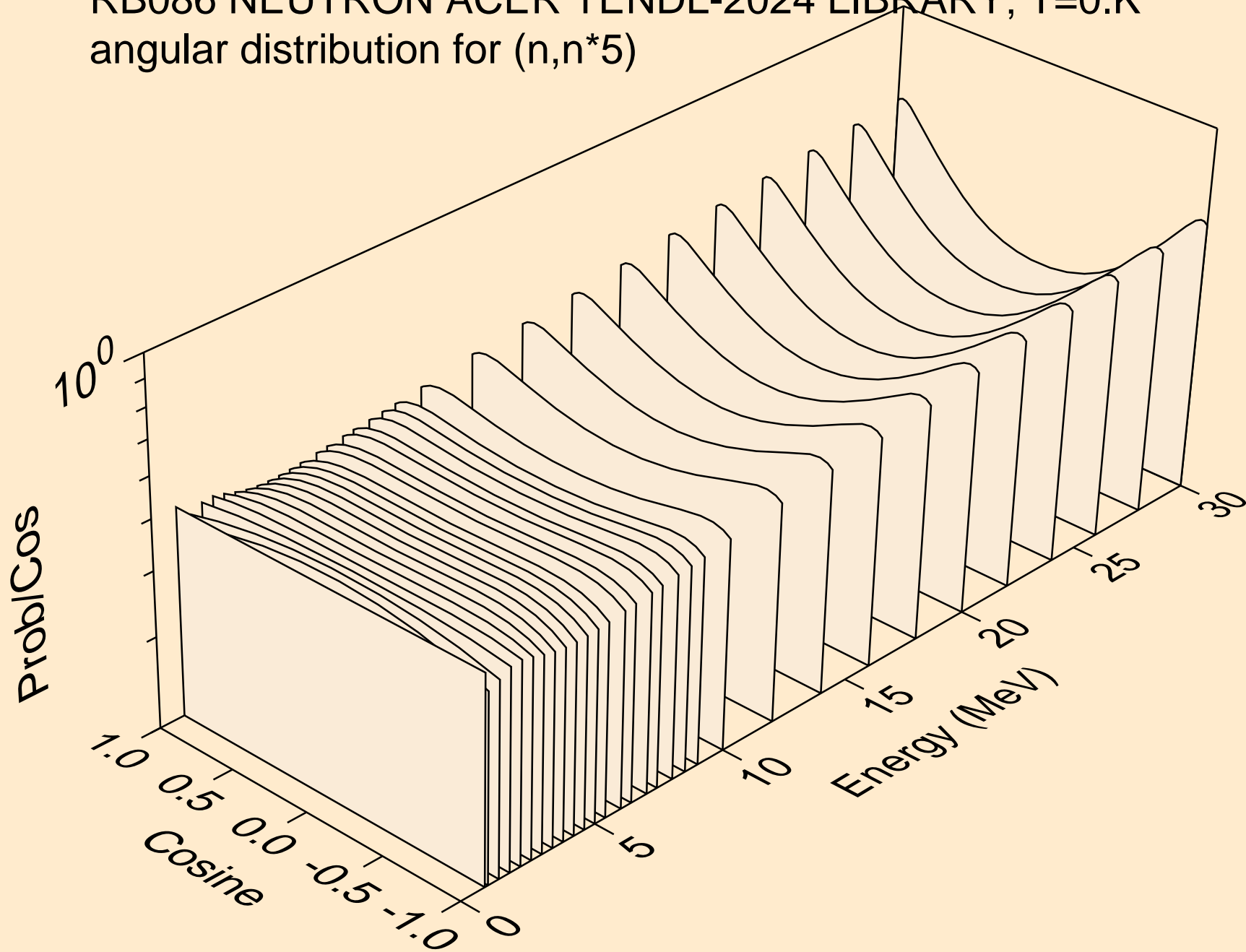
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angular distribution for (n,n\*3)



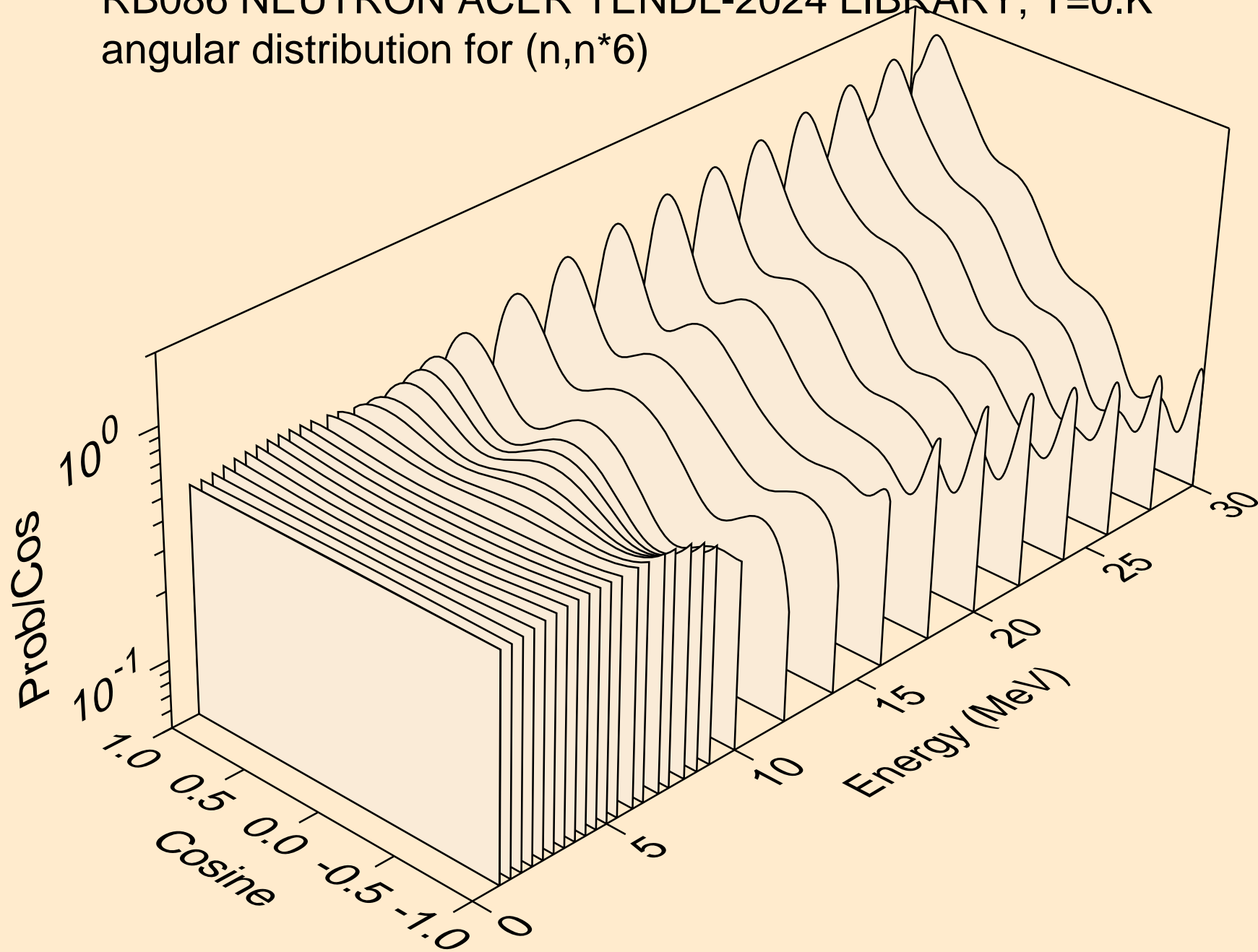
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angular distribution for (n,n\*4)



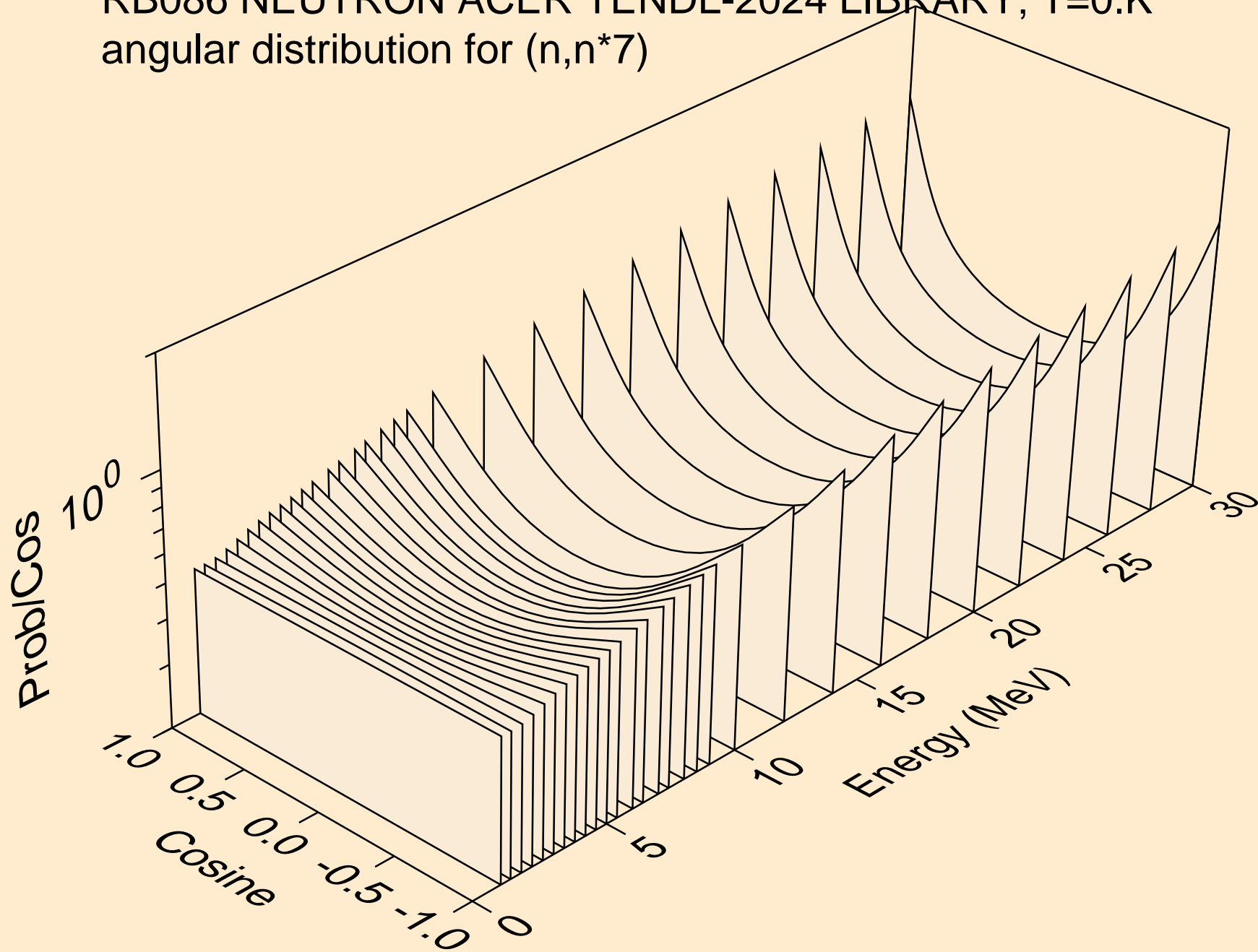
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angular distribution for (n,n\*5)



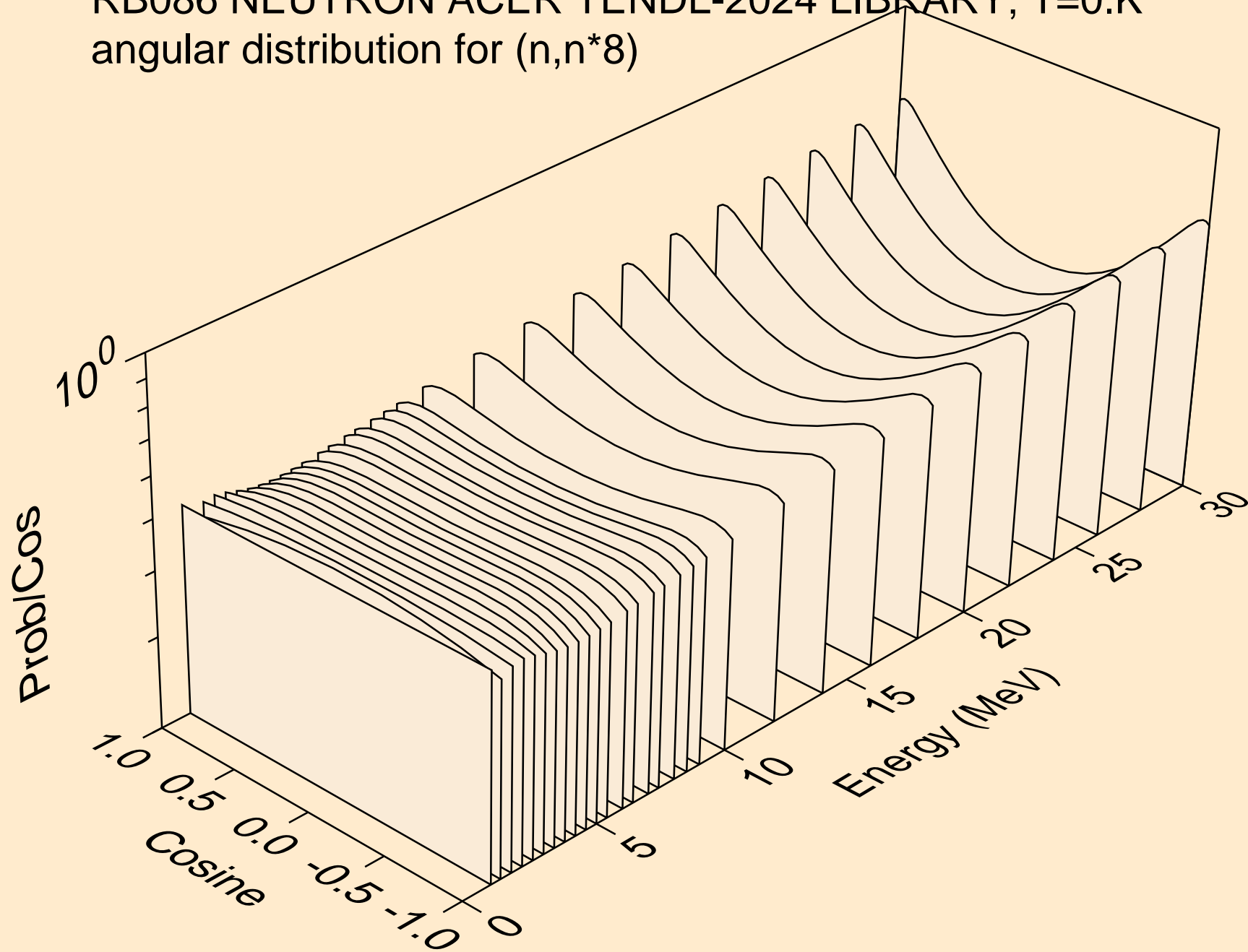
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angular distribution for (n,n\*6)



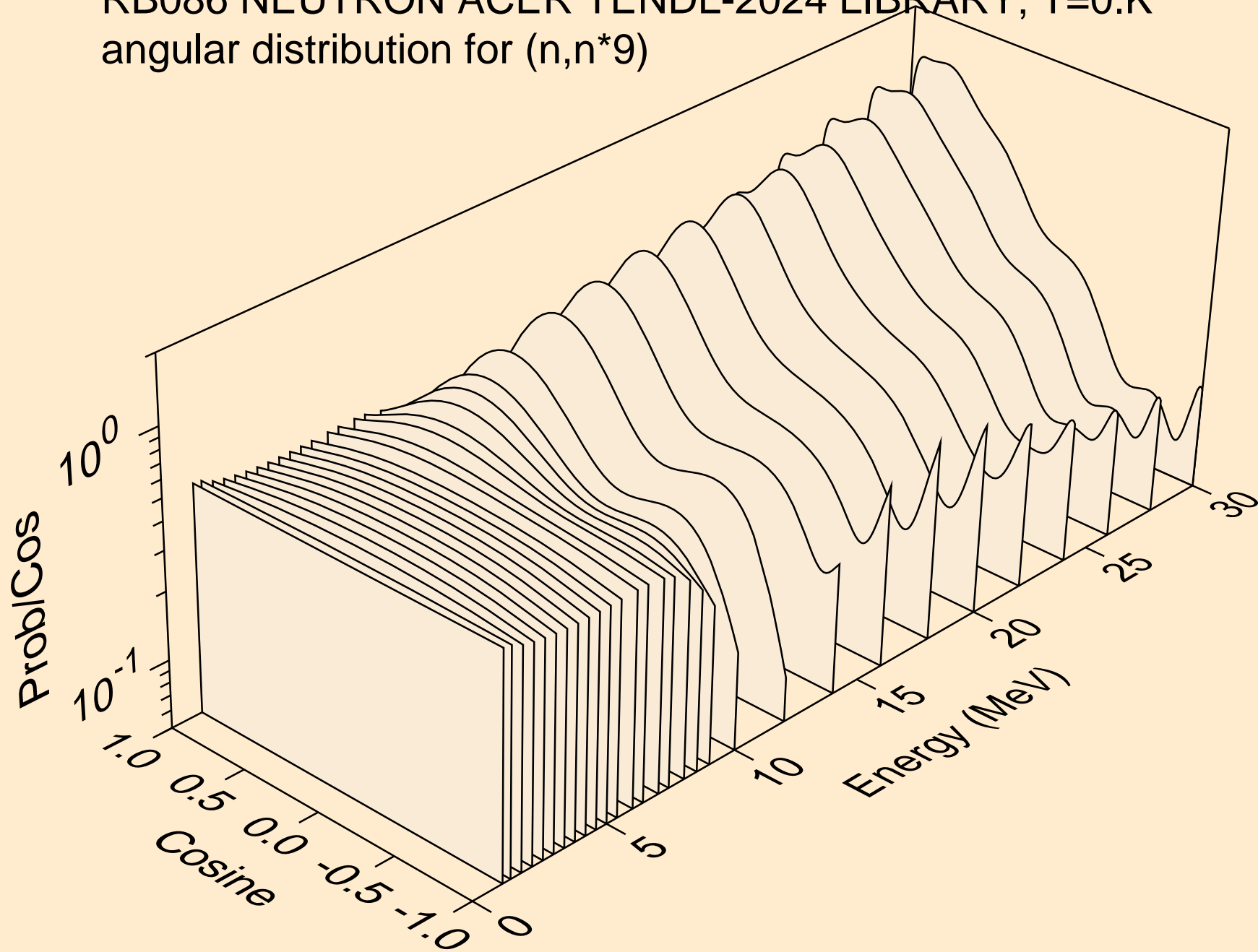
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angular distribution for (n,n\*7)



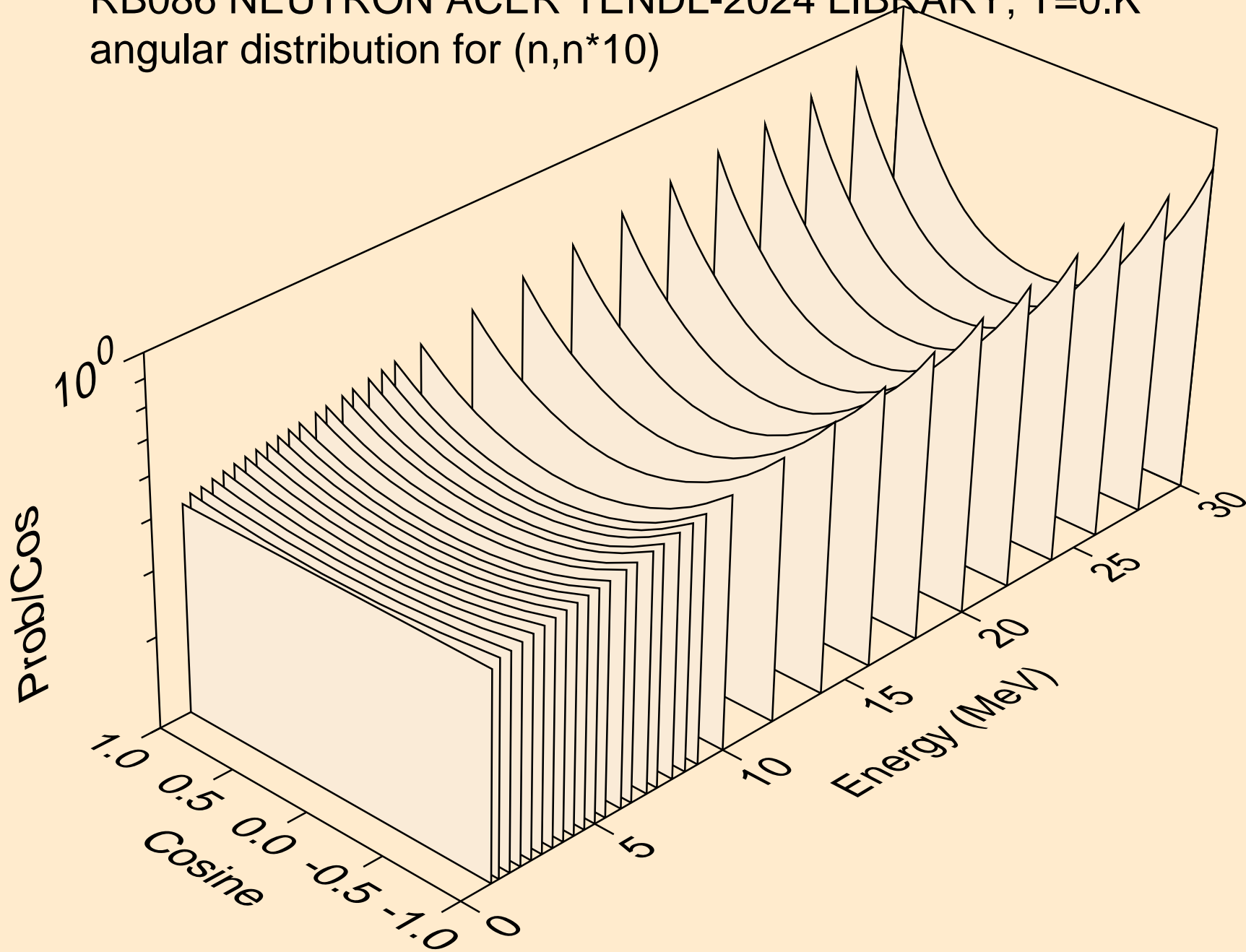
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

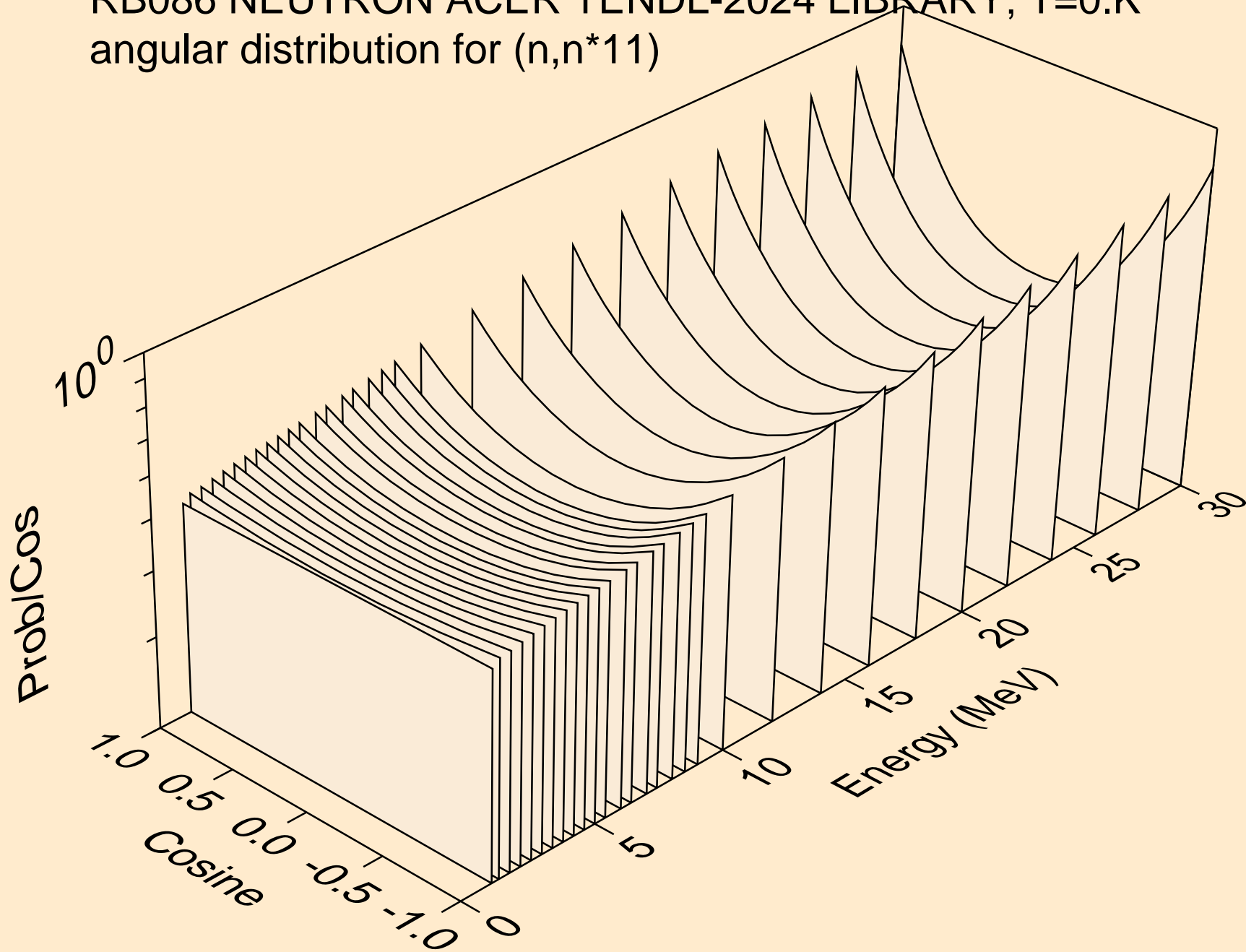


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

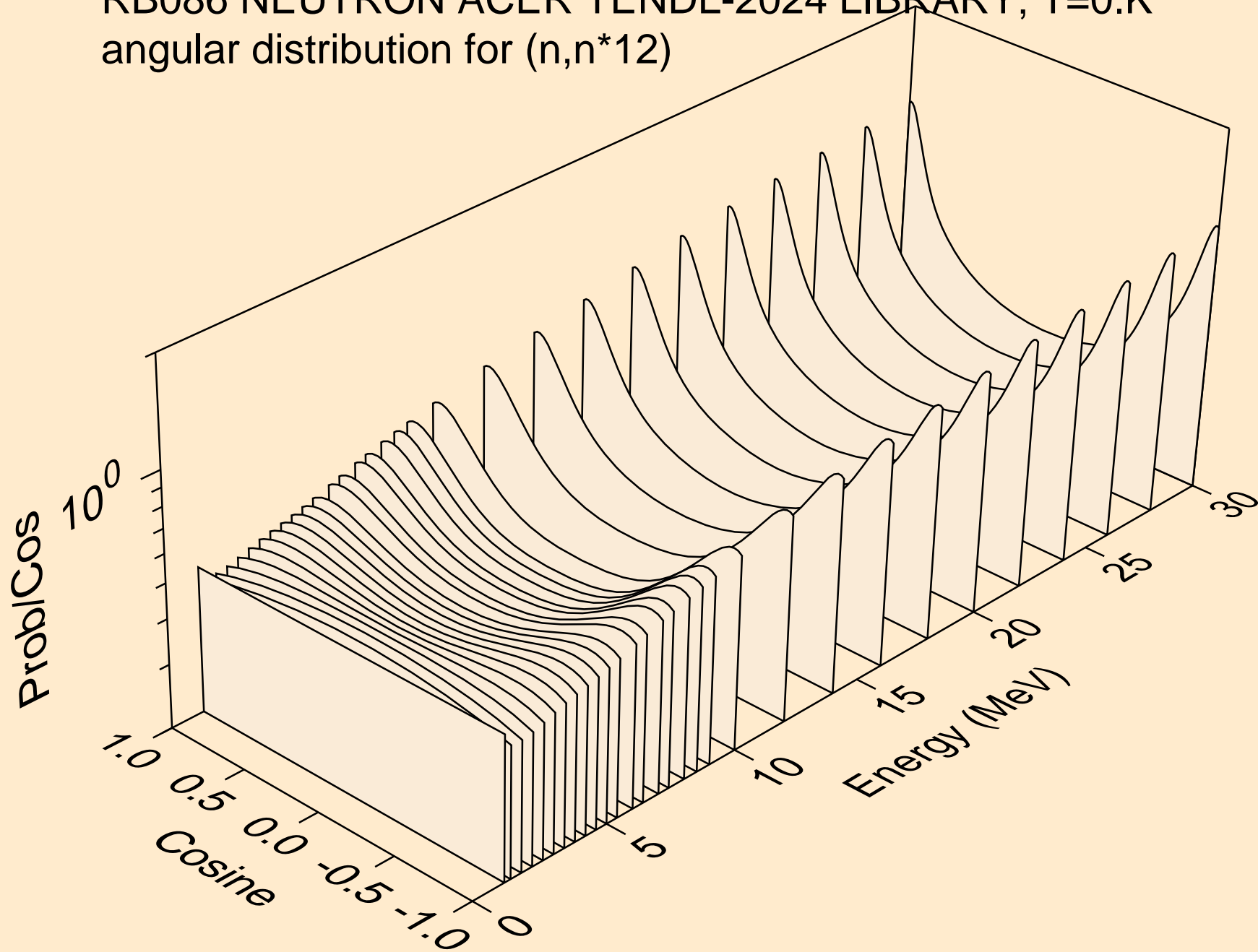




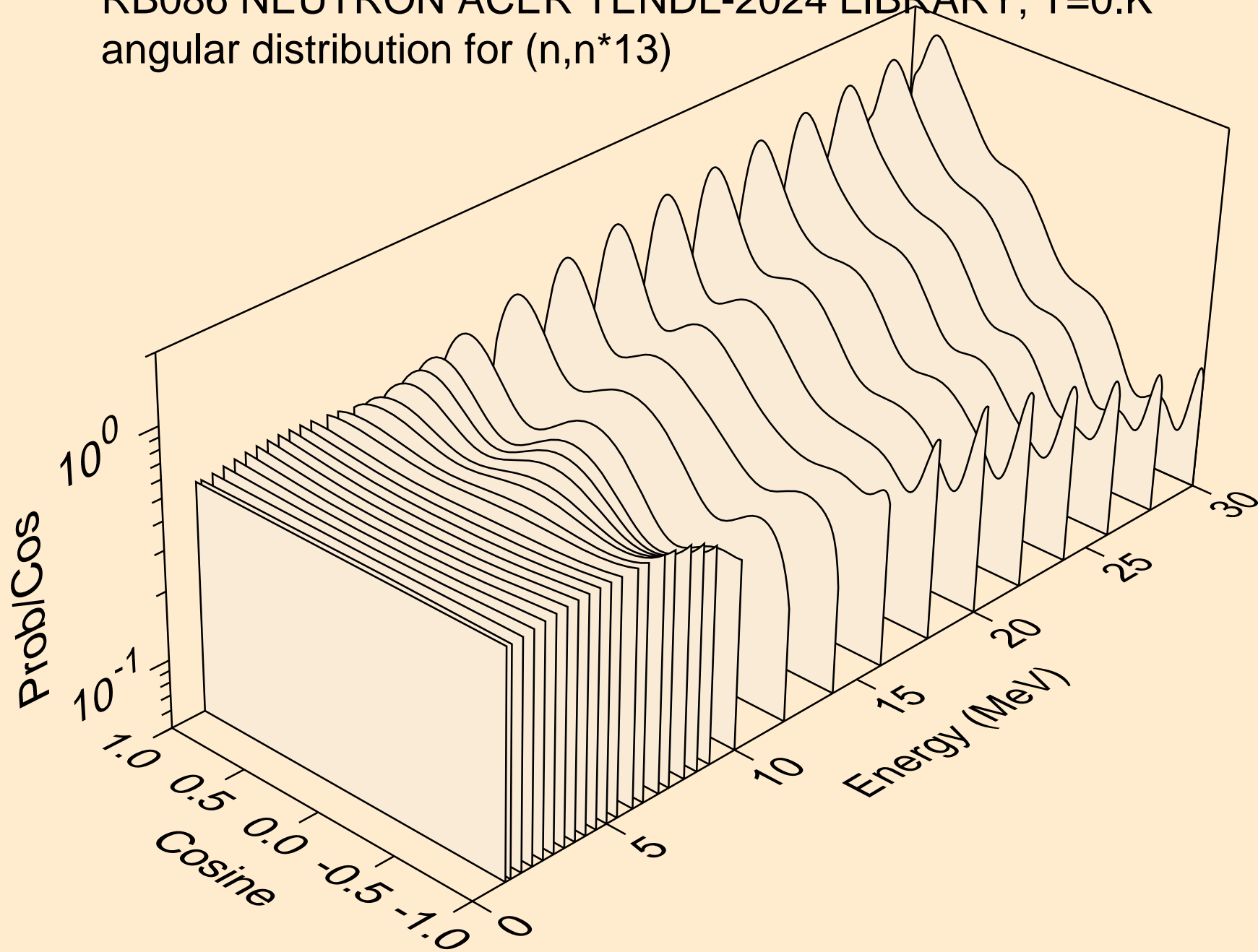
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angular distribution for (n,n\*11)



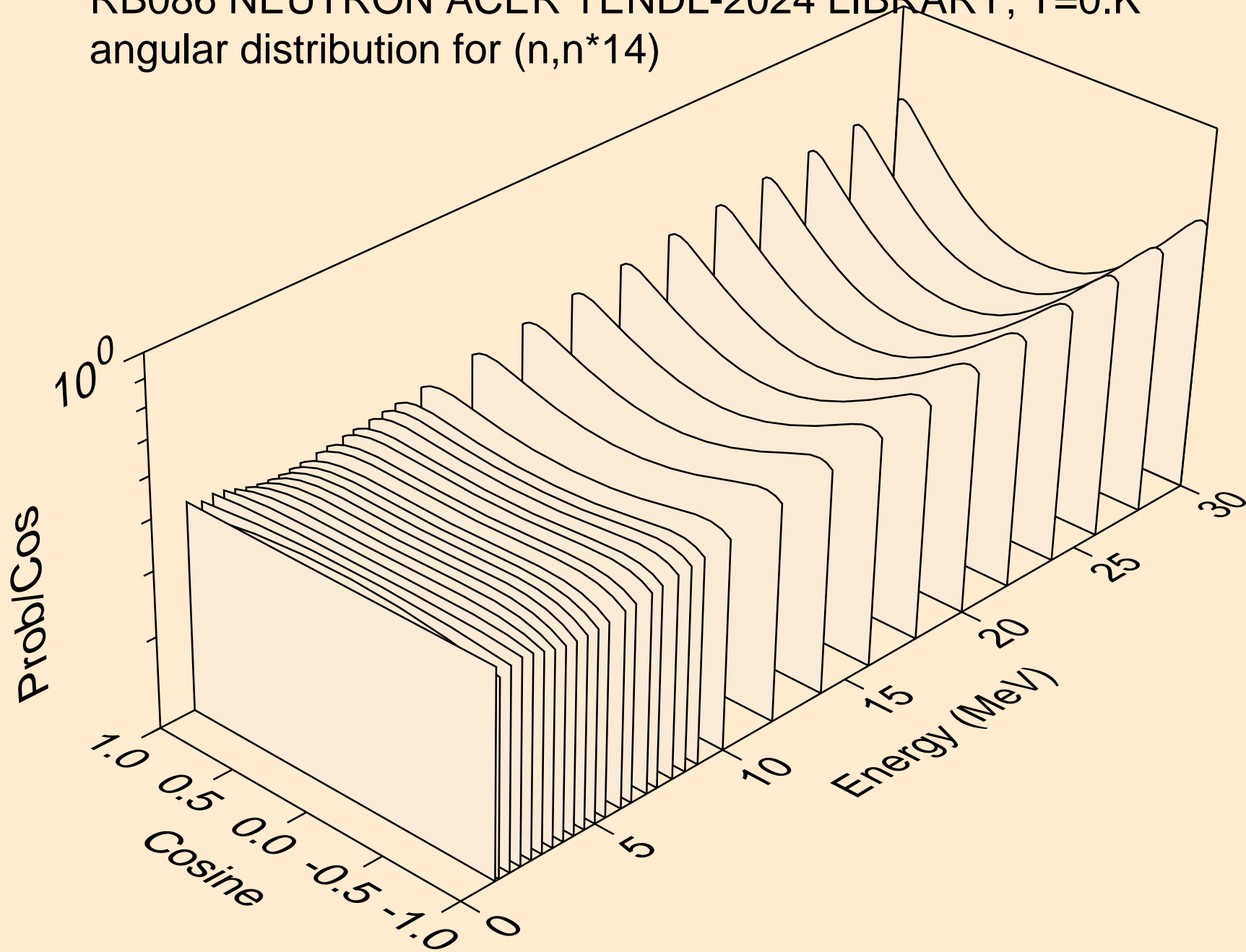
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angular distribution for (n,n\*12)



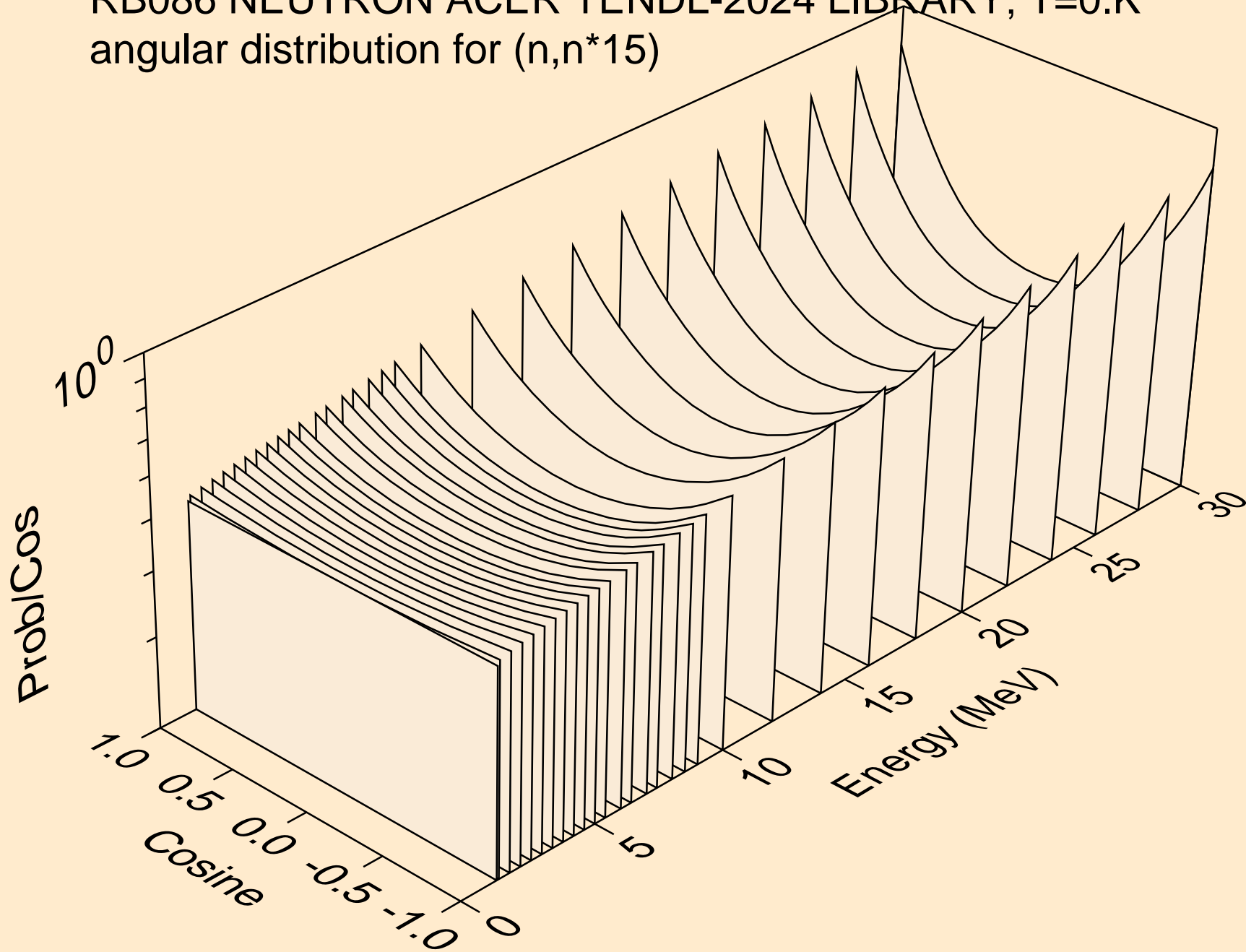
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angular distribution for (n,n\*13)



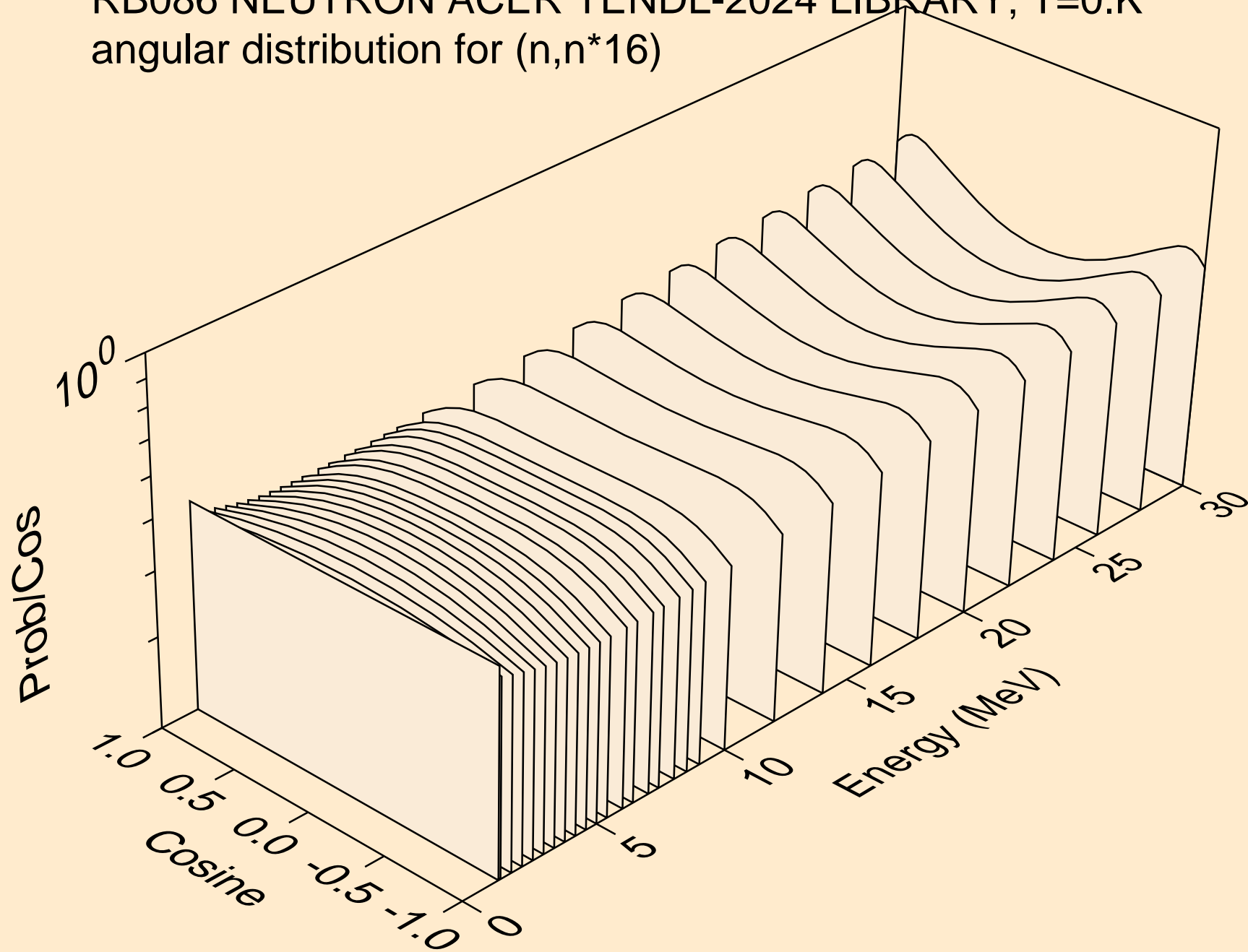
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angular distribution for (n,n\*14)



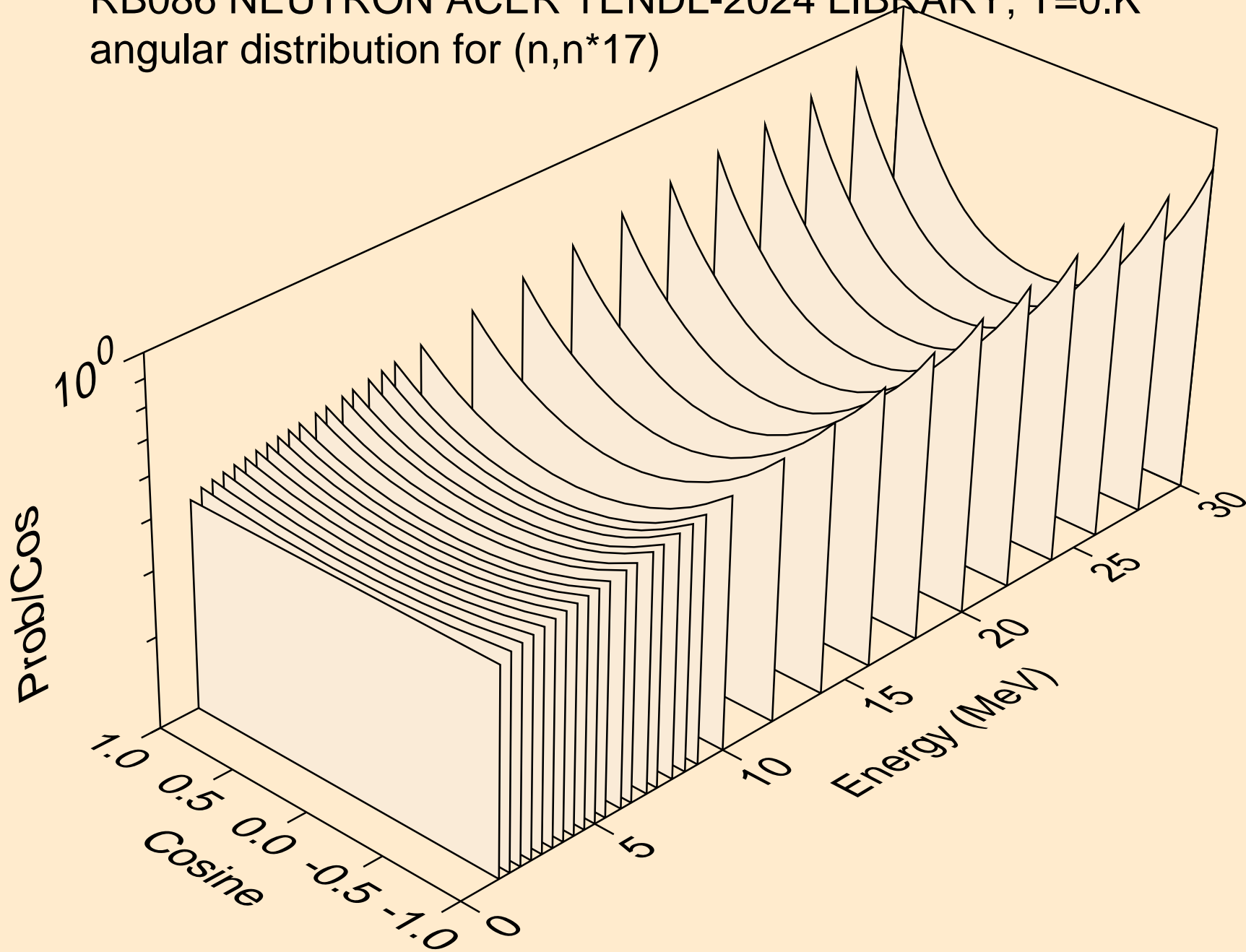
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angular distribution for (n,n\*15)



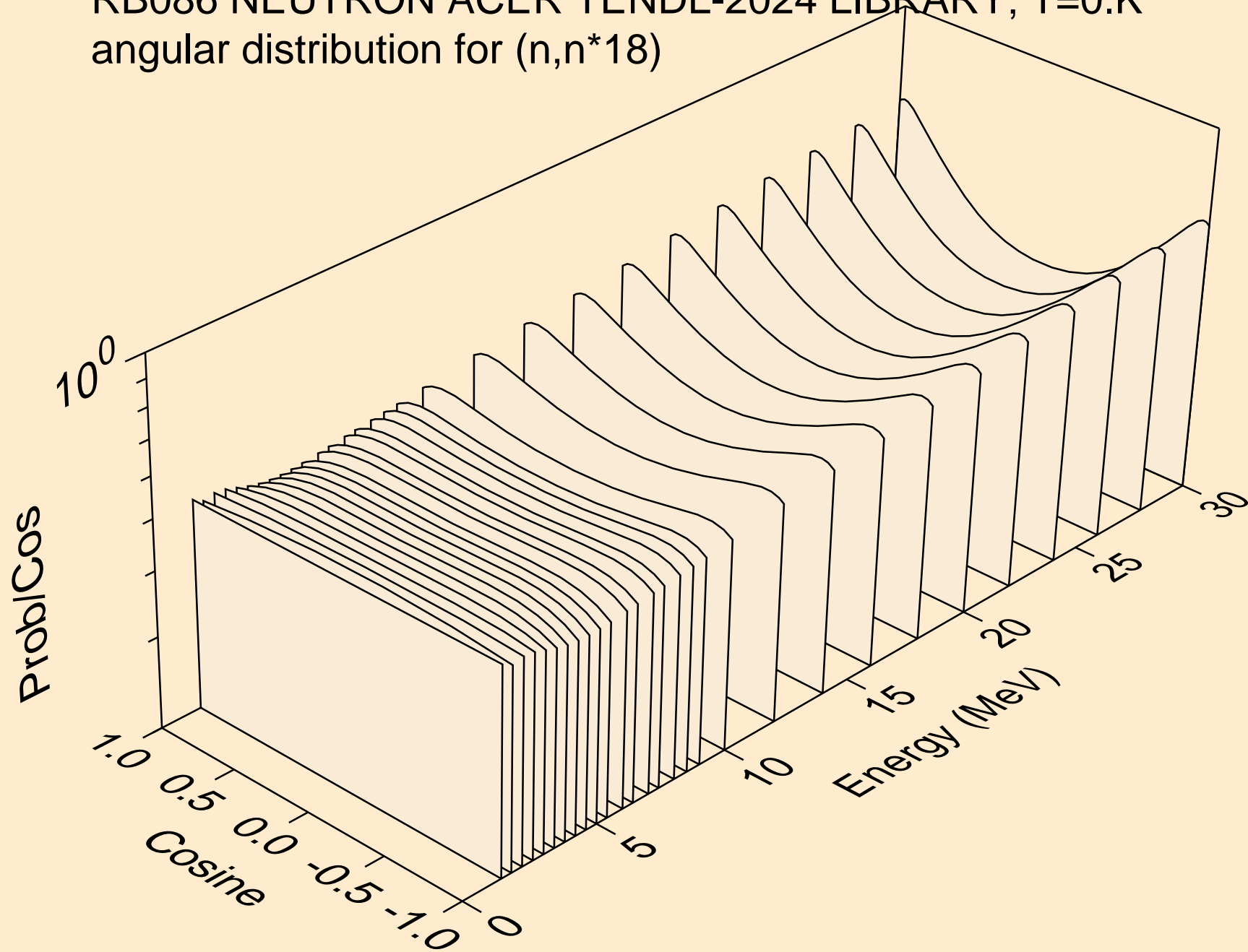
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

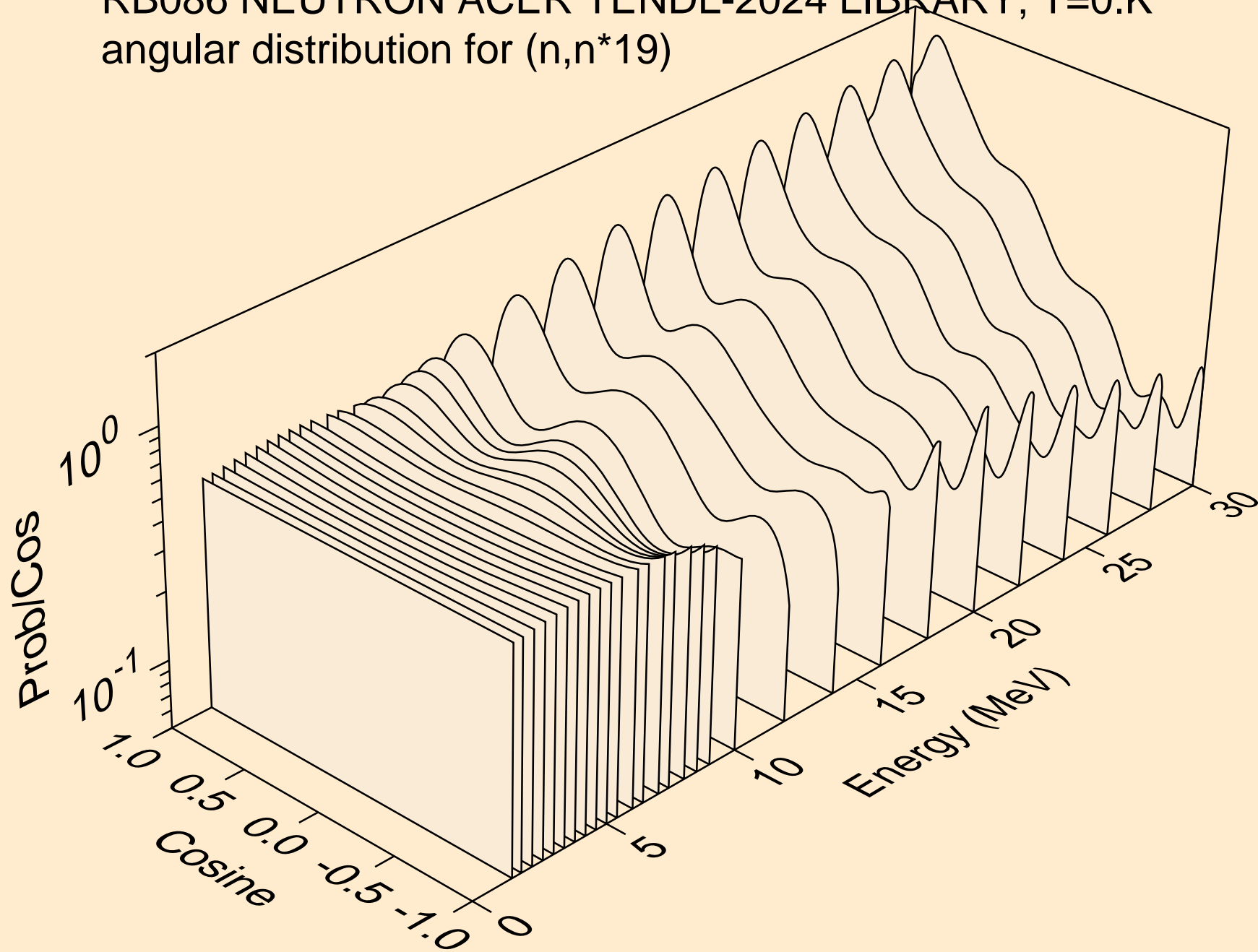


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angular distribution for (n,n\*18)

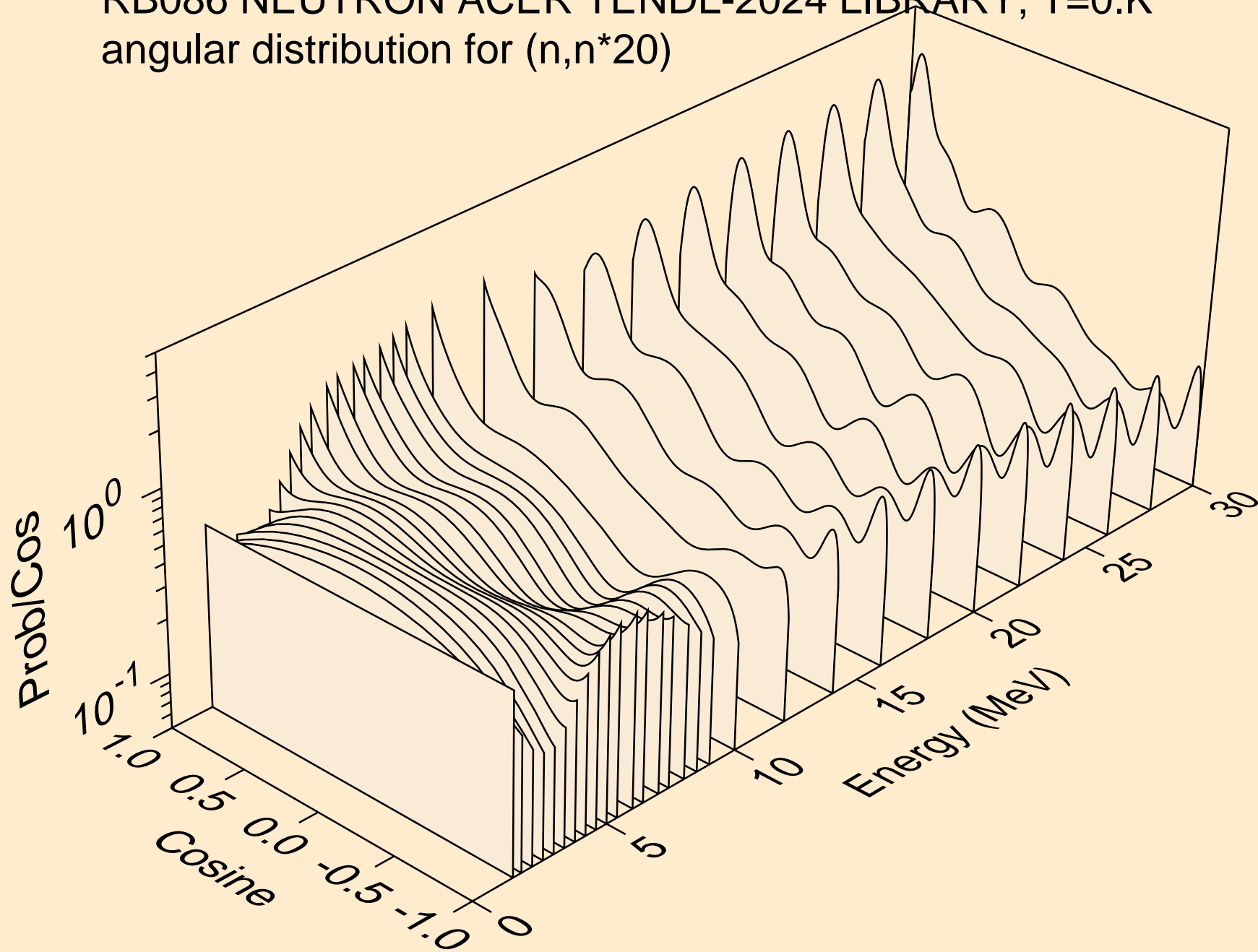




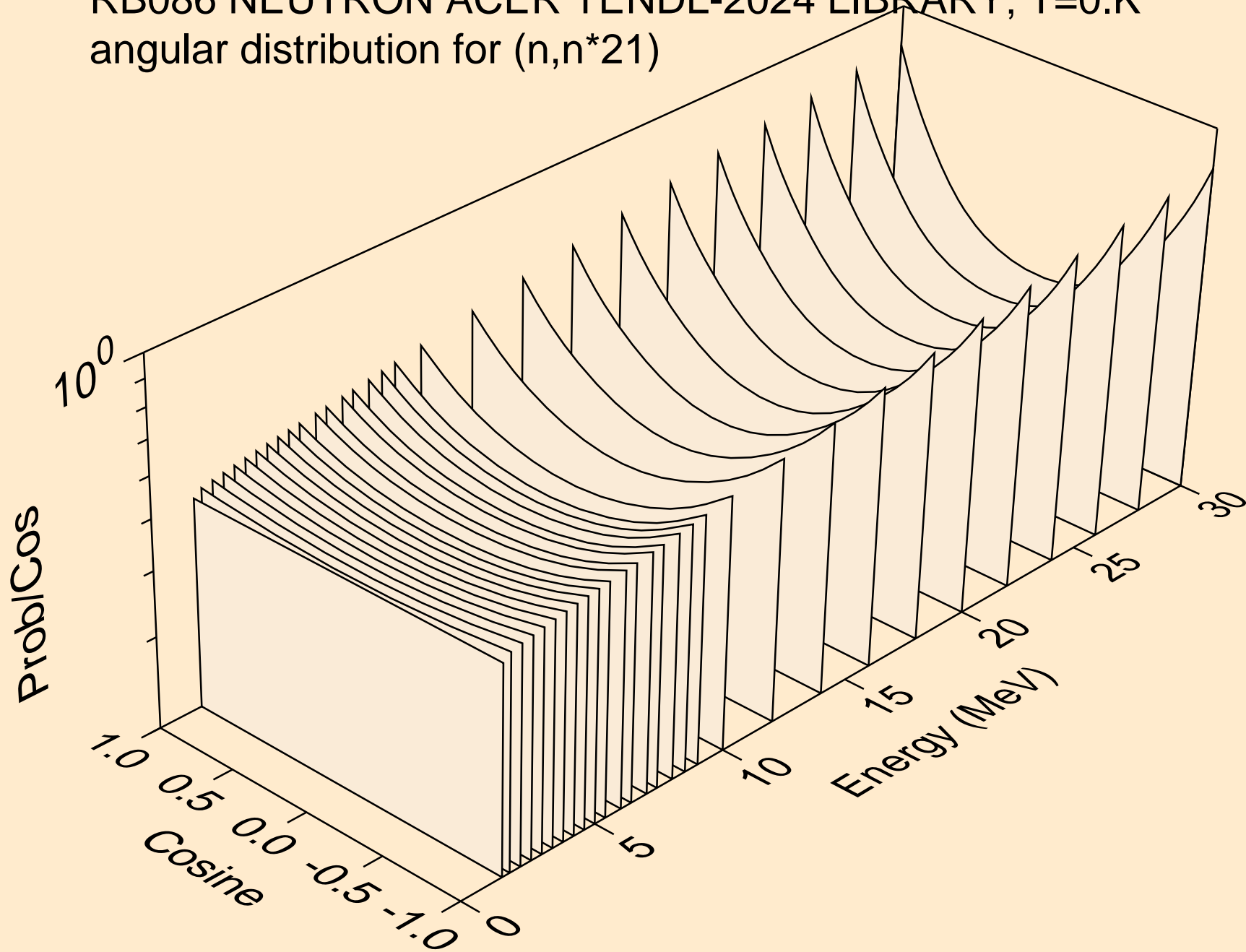
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angular distribution for (n,n\*19)



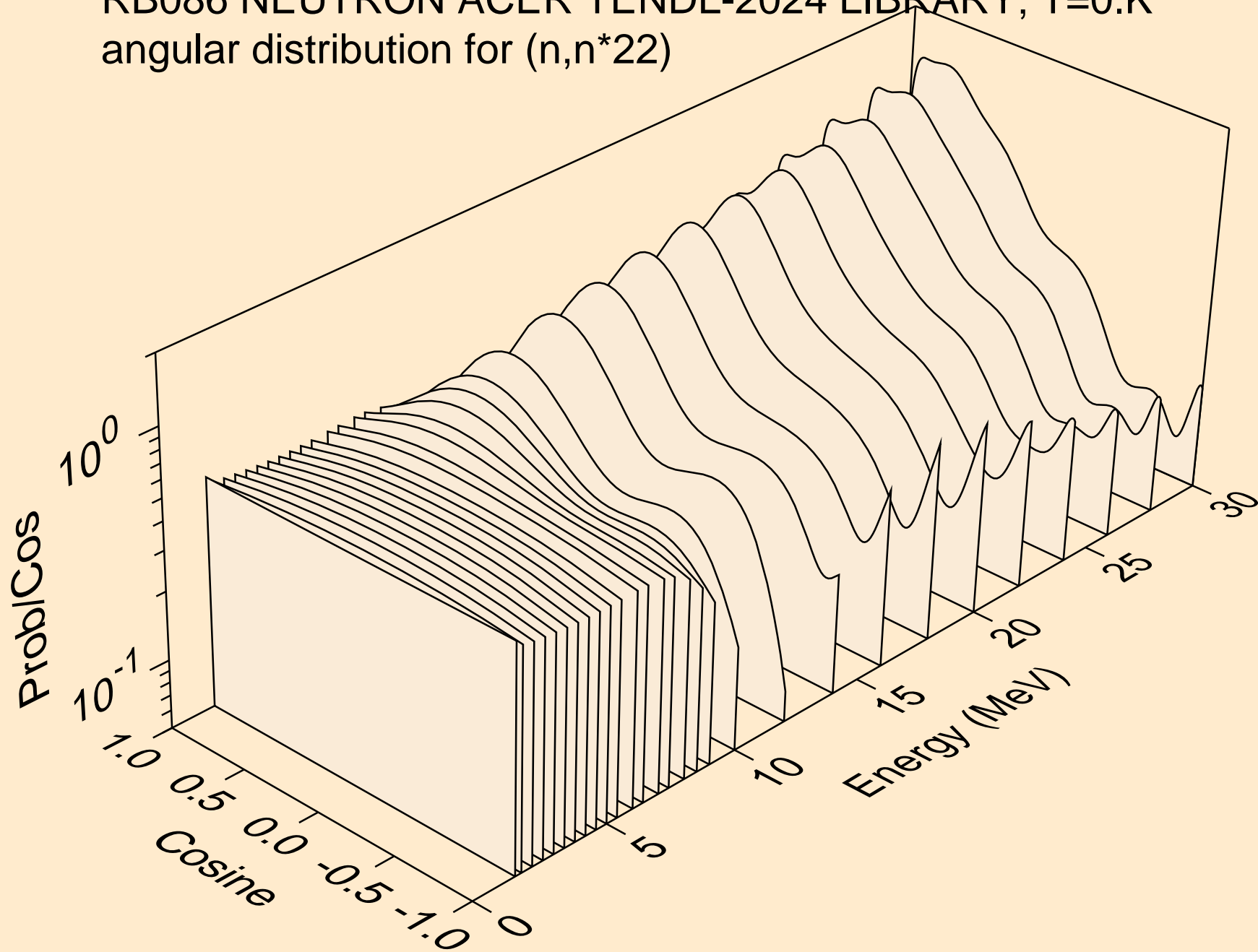
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angular distribution for (n,n\*20)



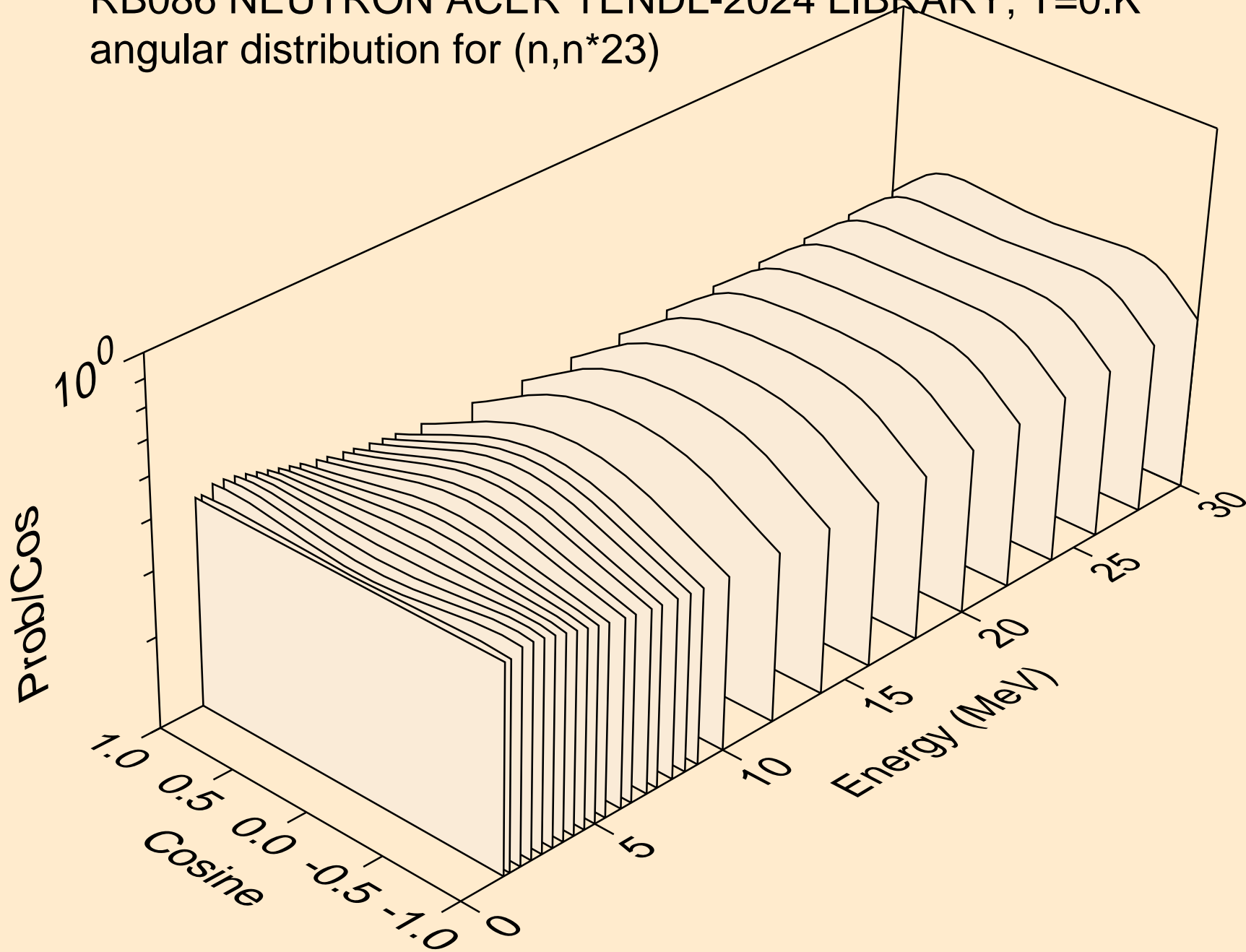
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angular distribution for (n,n\*21)



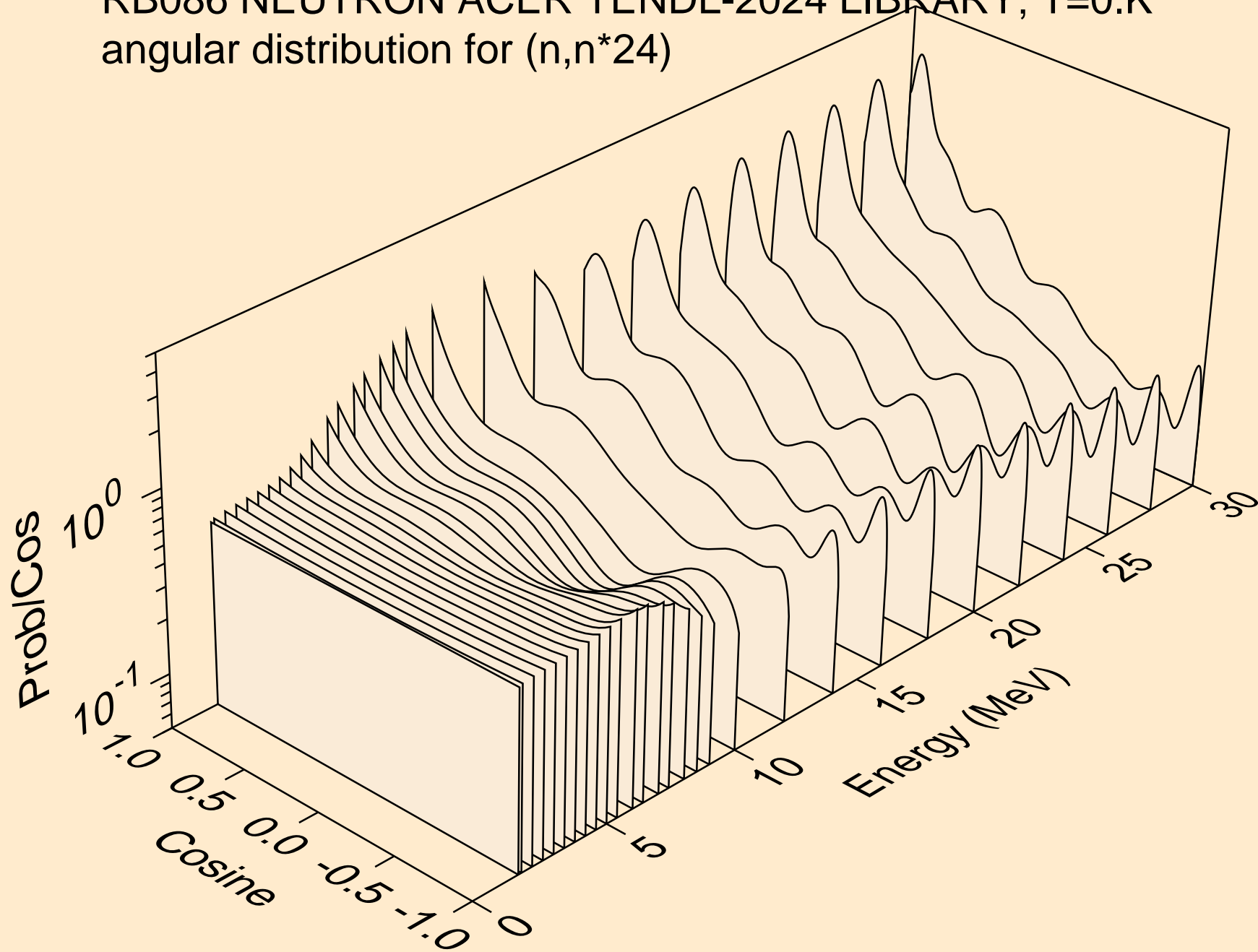
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angular distribution for (n,n\*22)



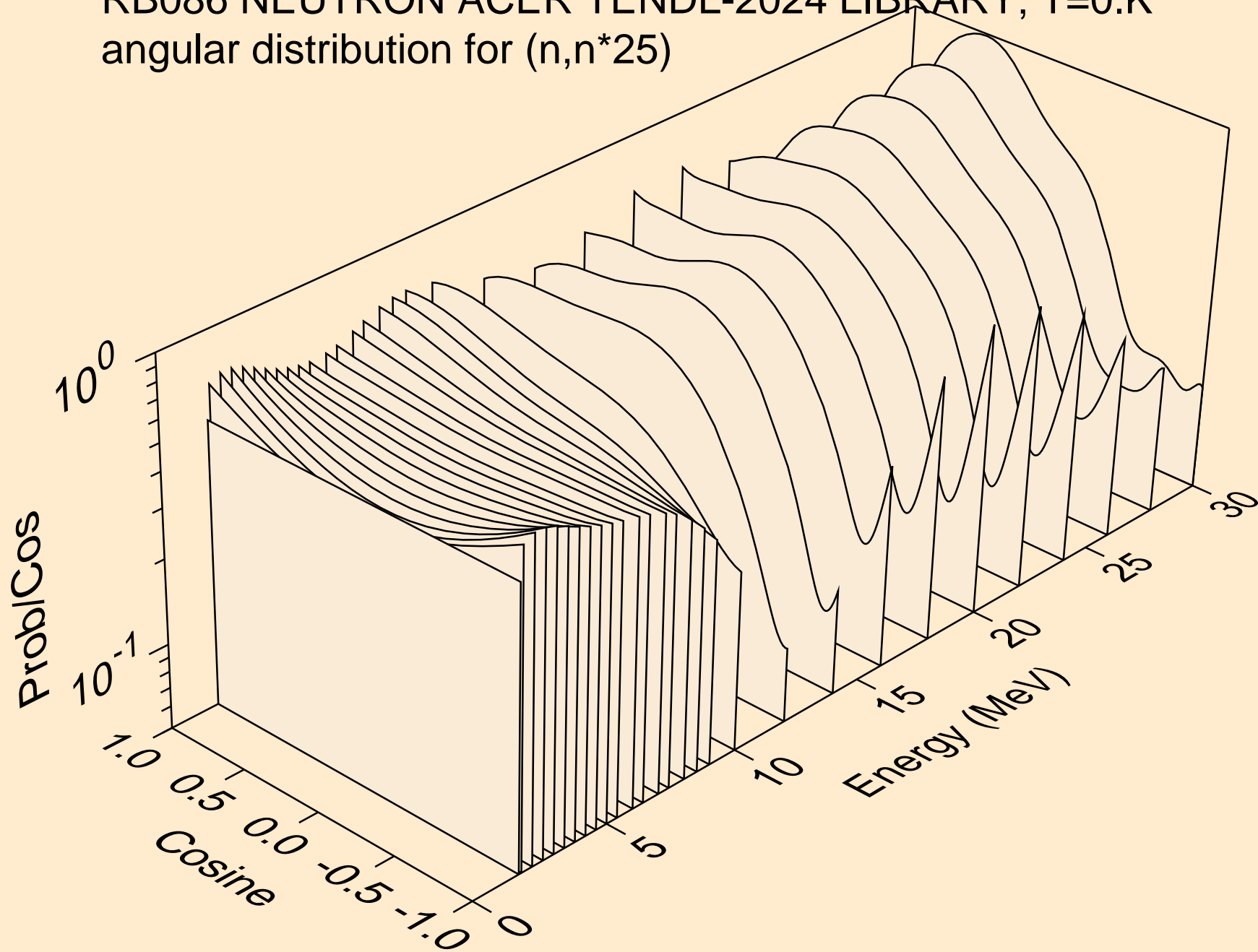
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angular distribution for (n,n\*23)



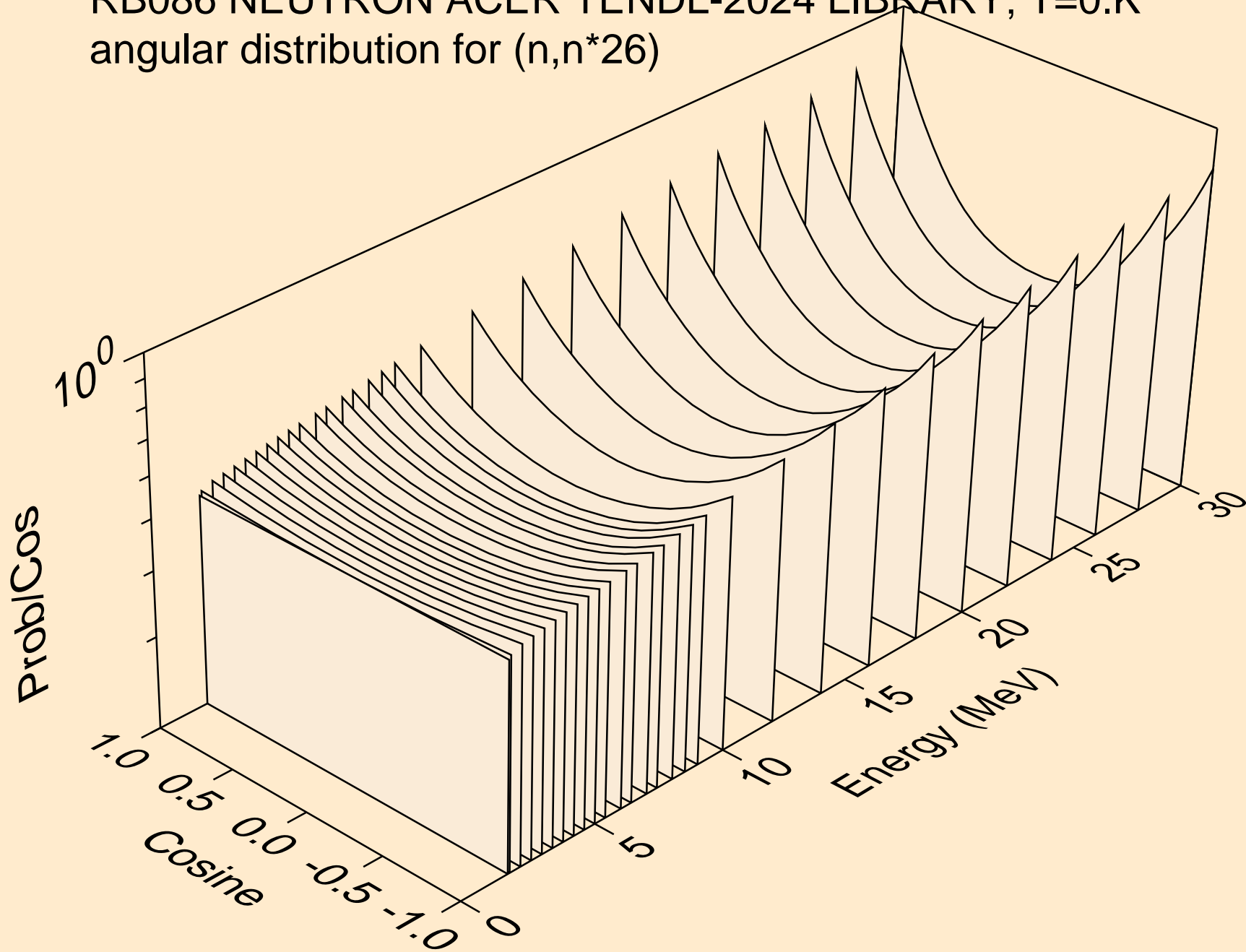
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

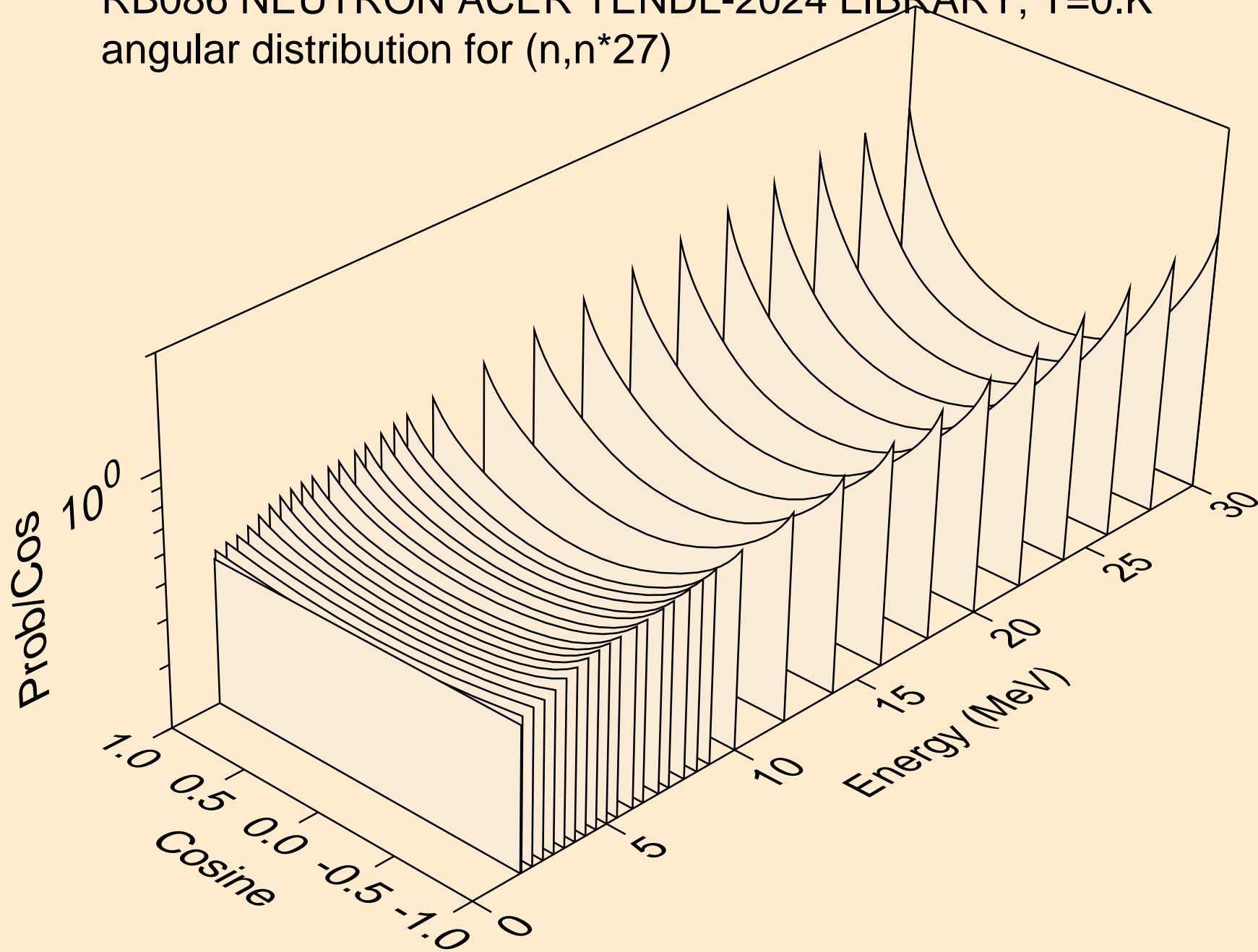


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

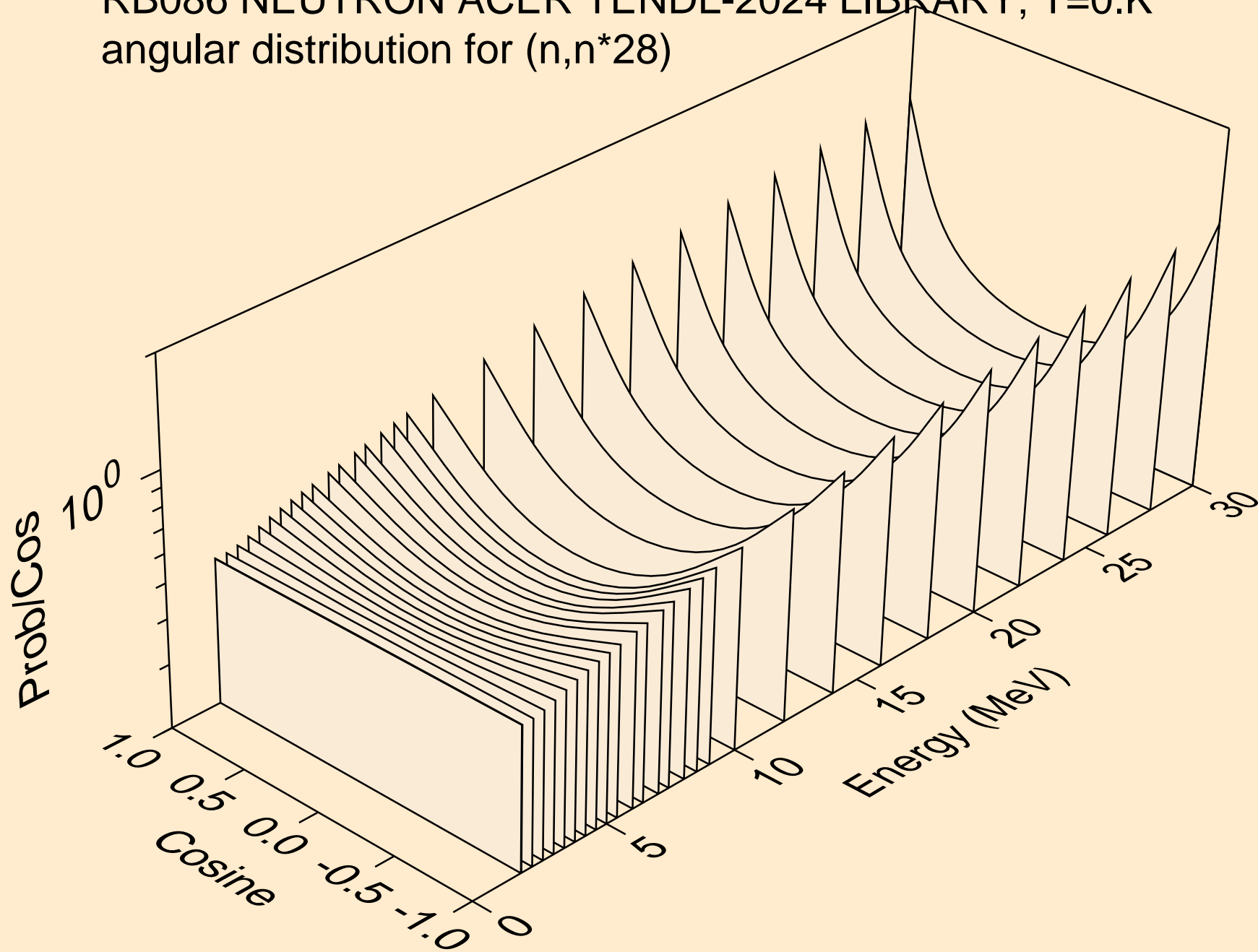




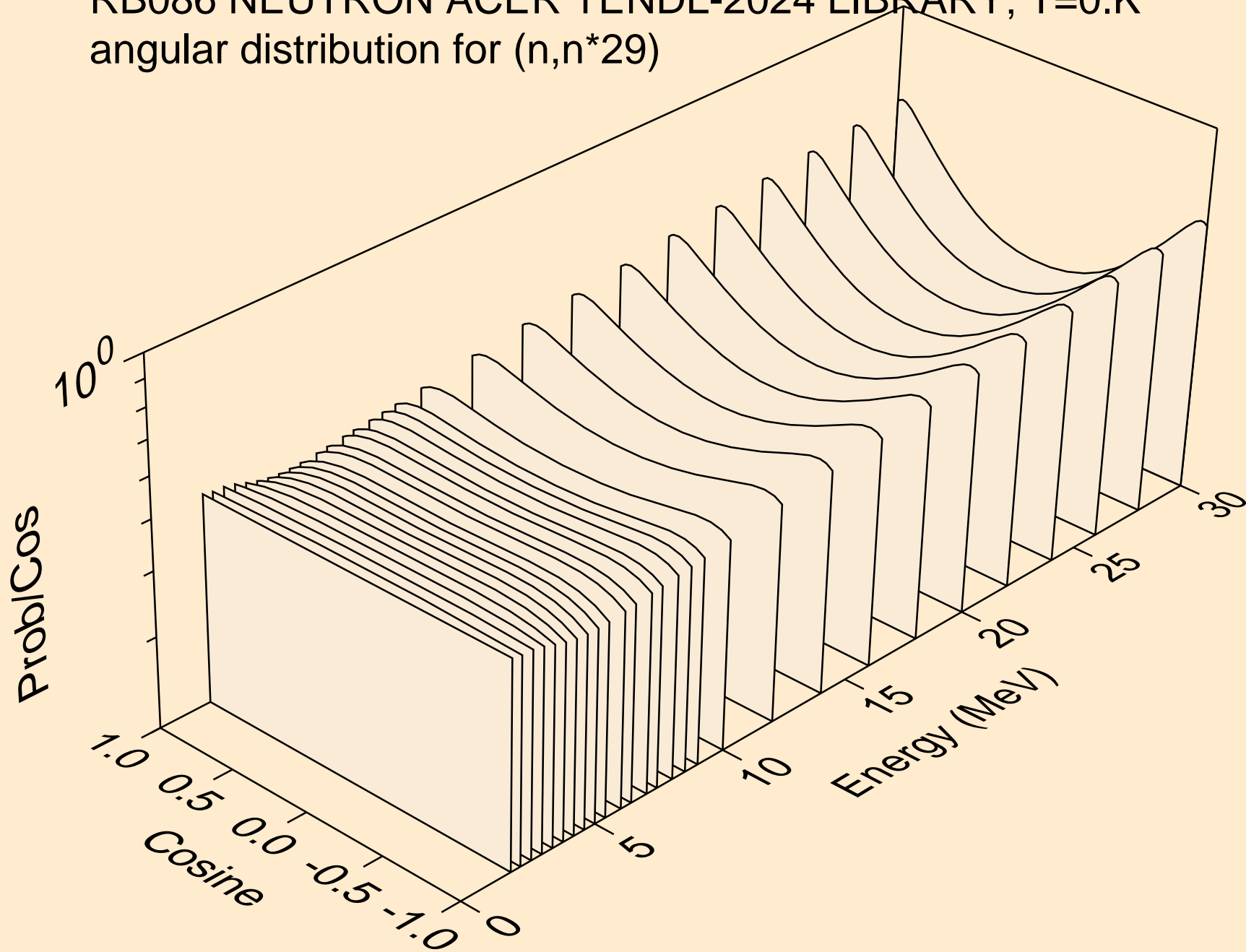
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angular distribution for (n,n\*27)



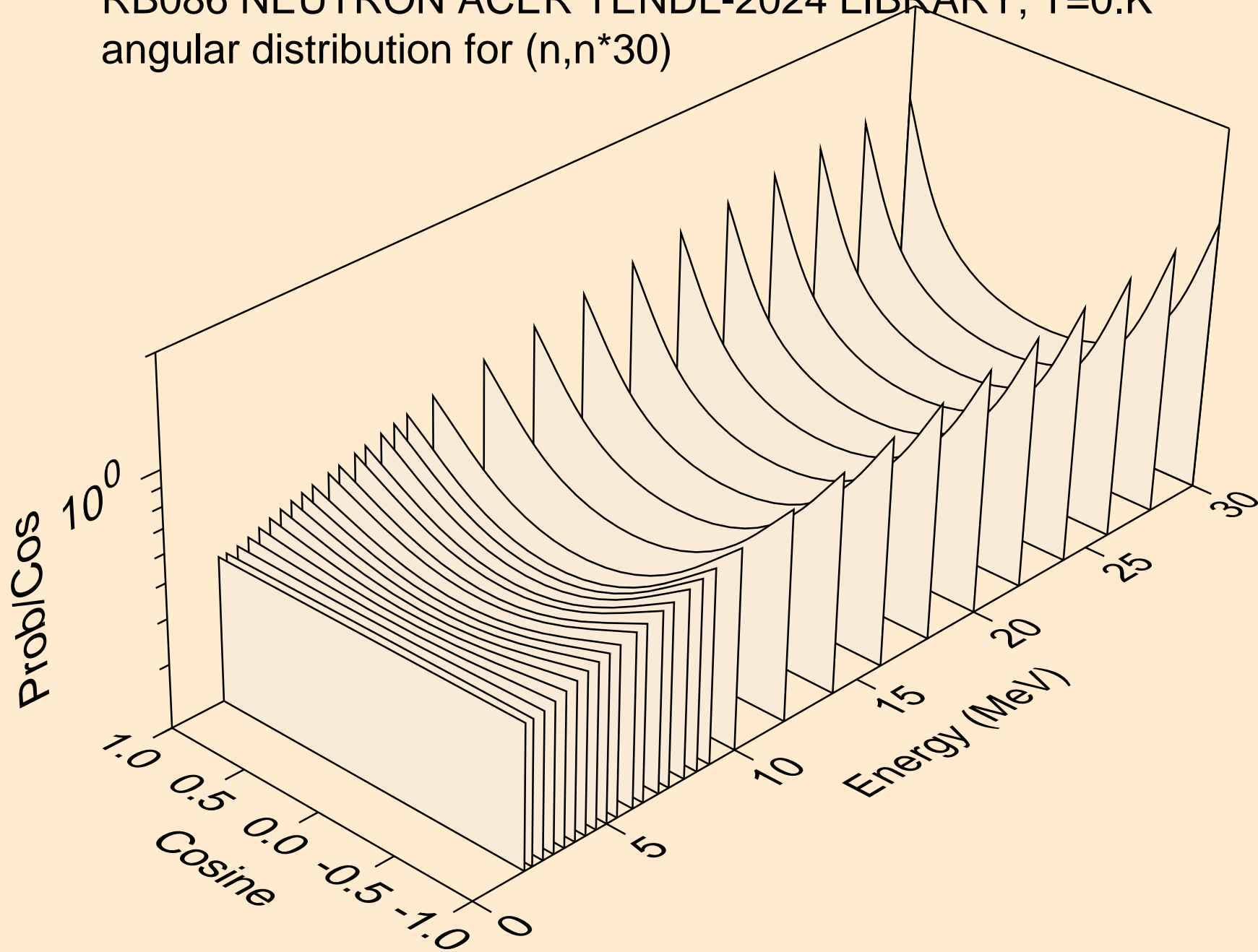
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



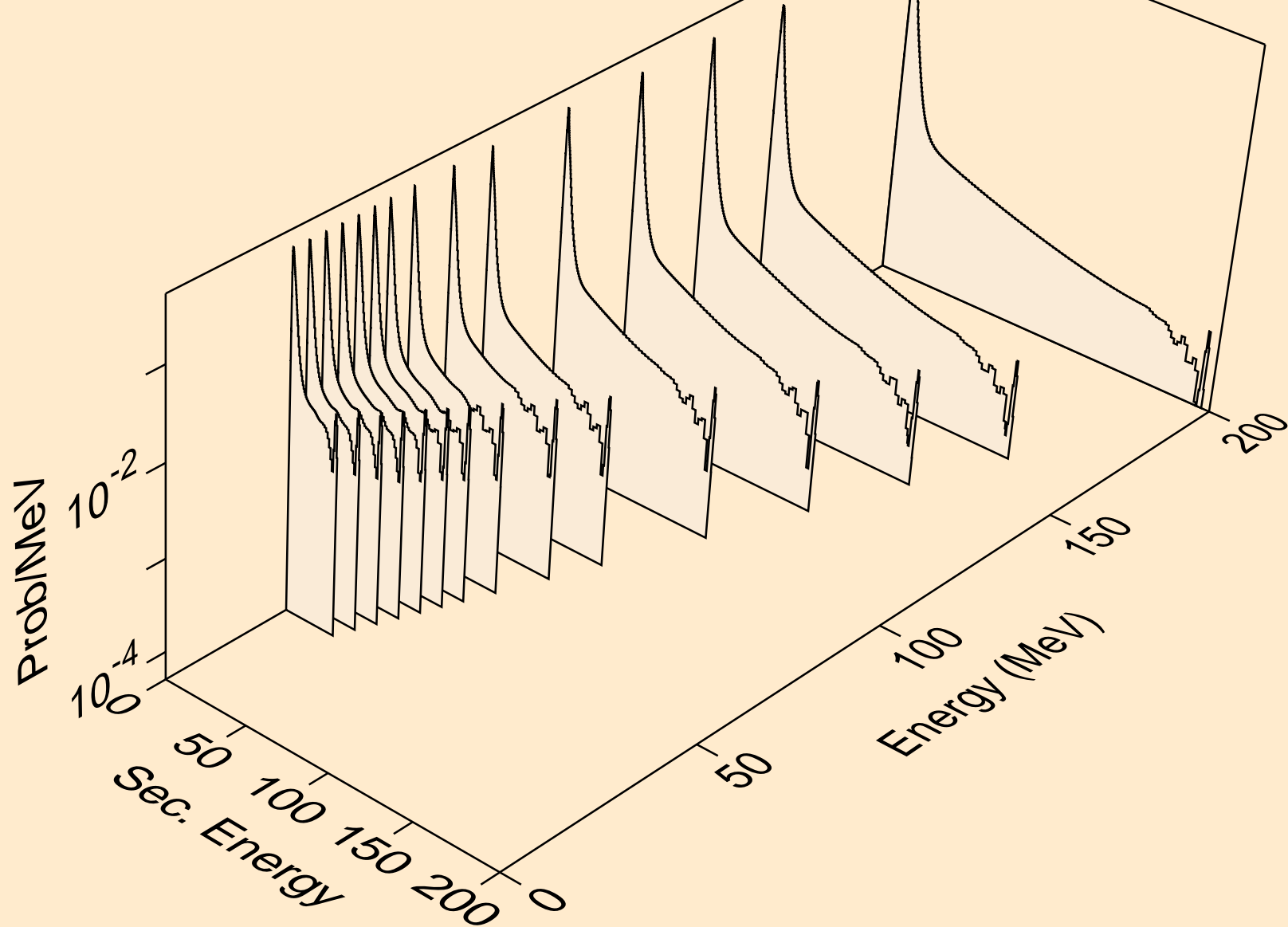
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



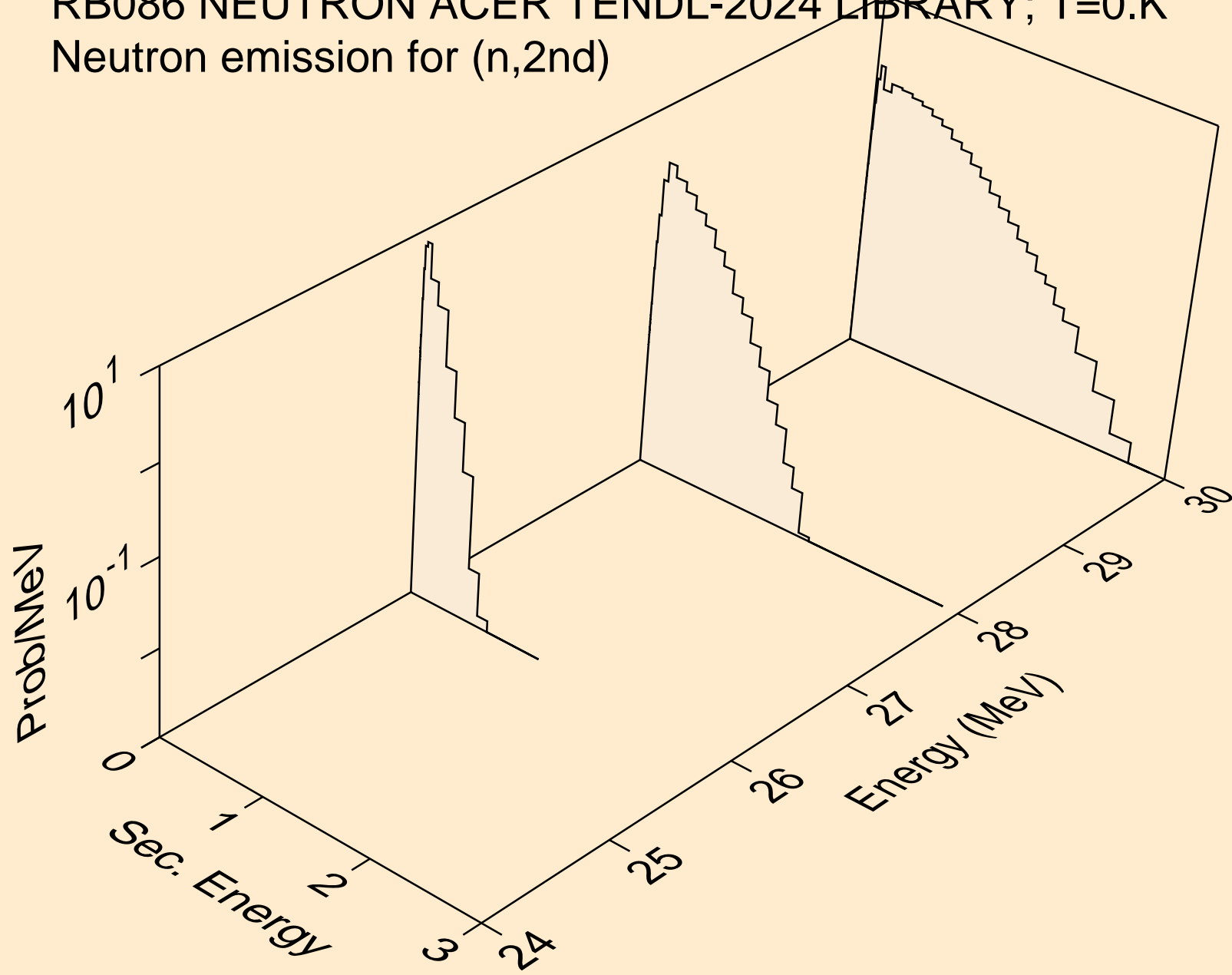
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



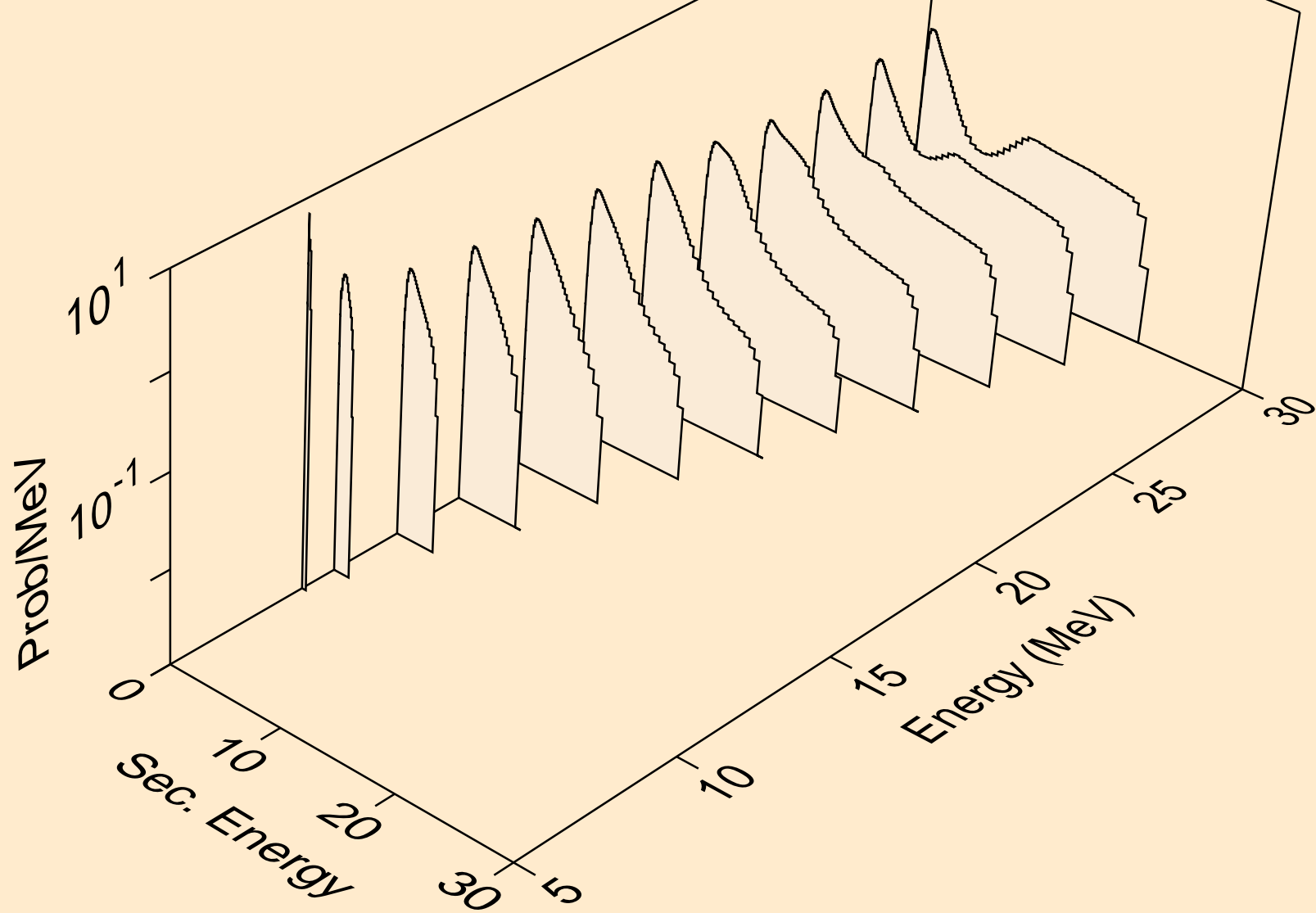
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



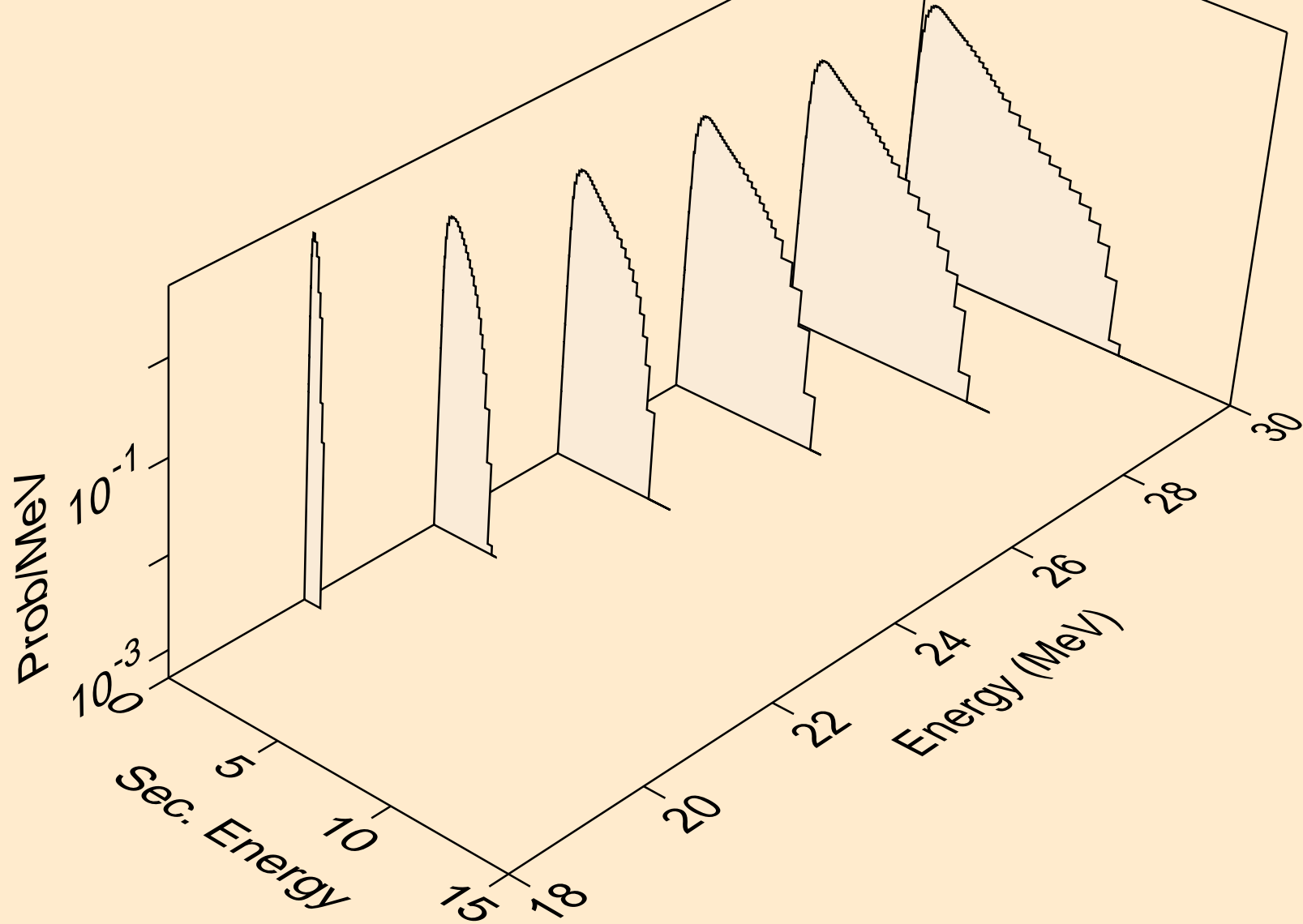
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

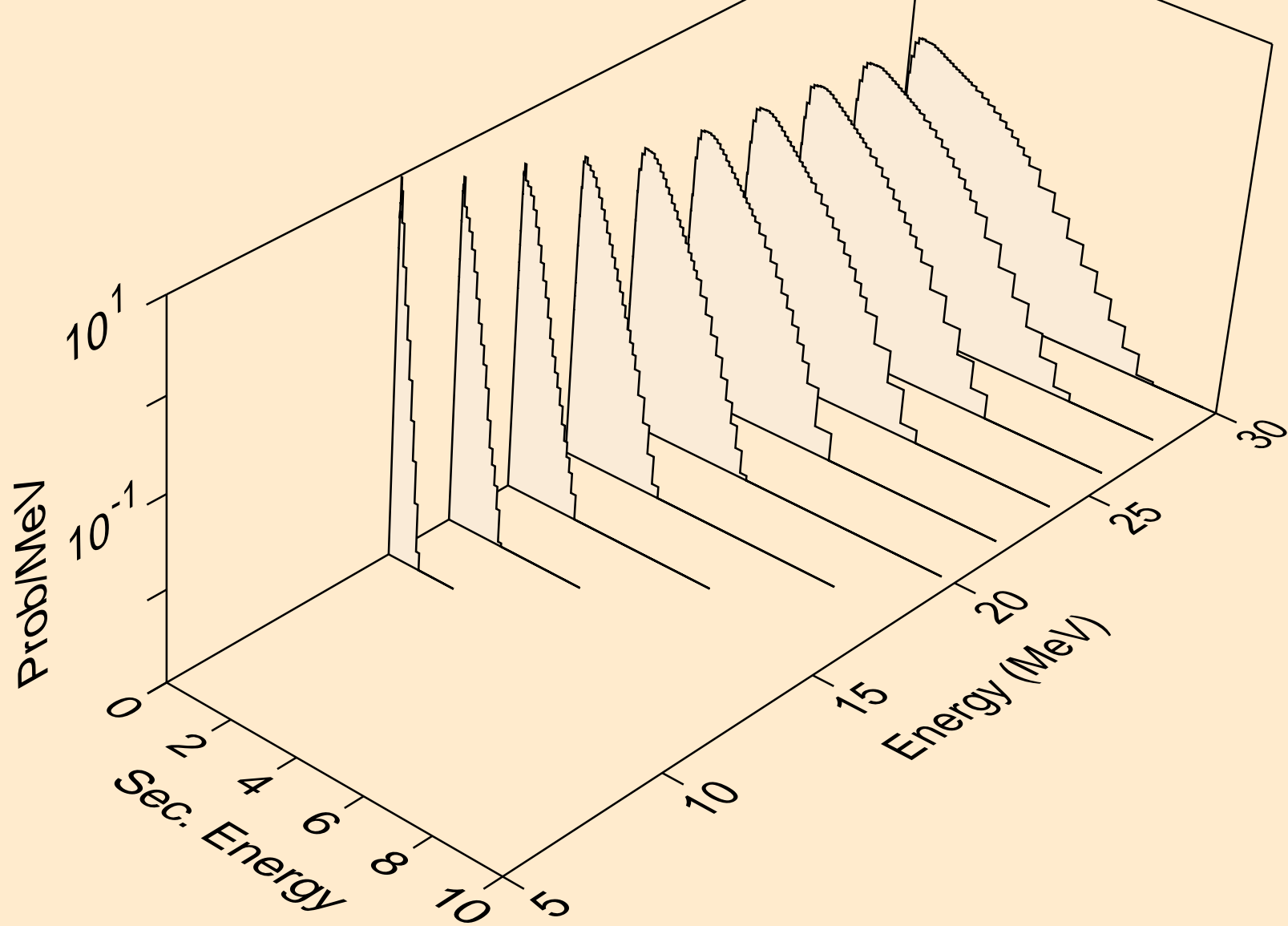


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

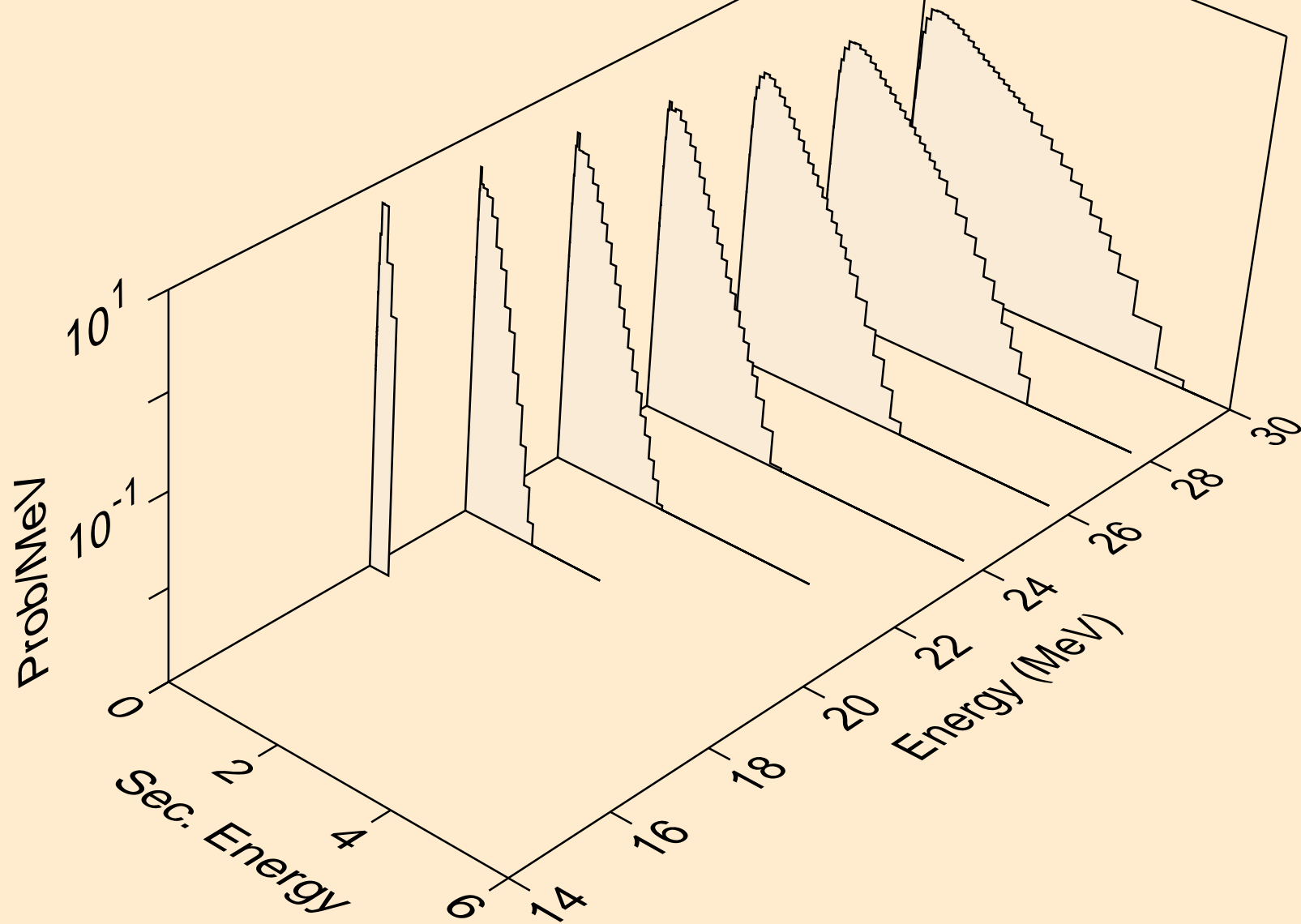




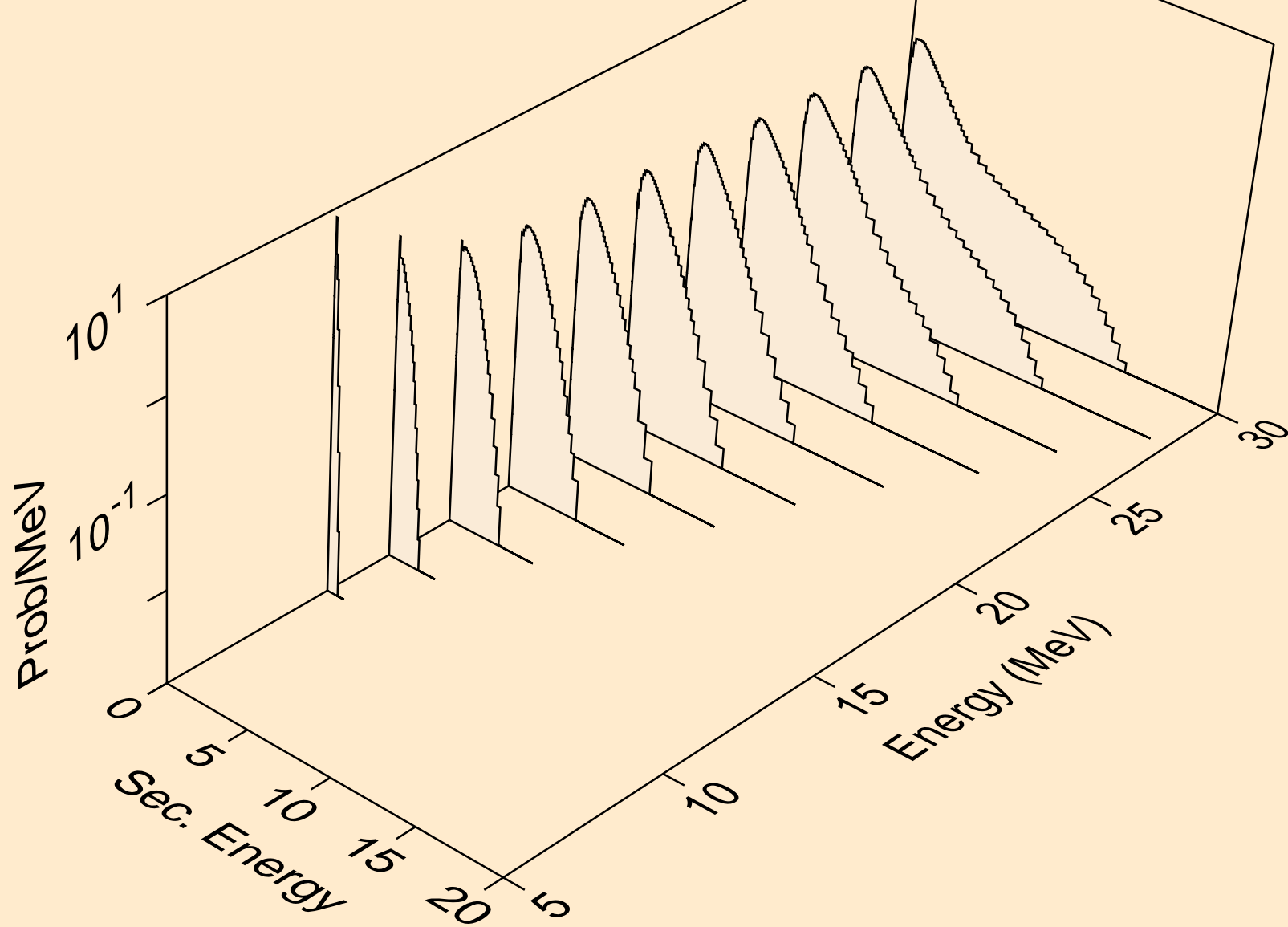
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



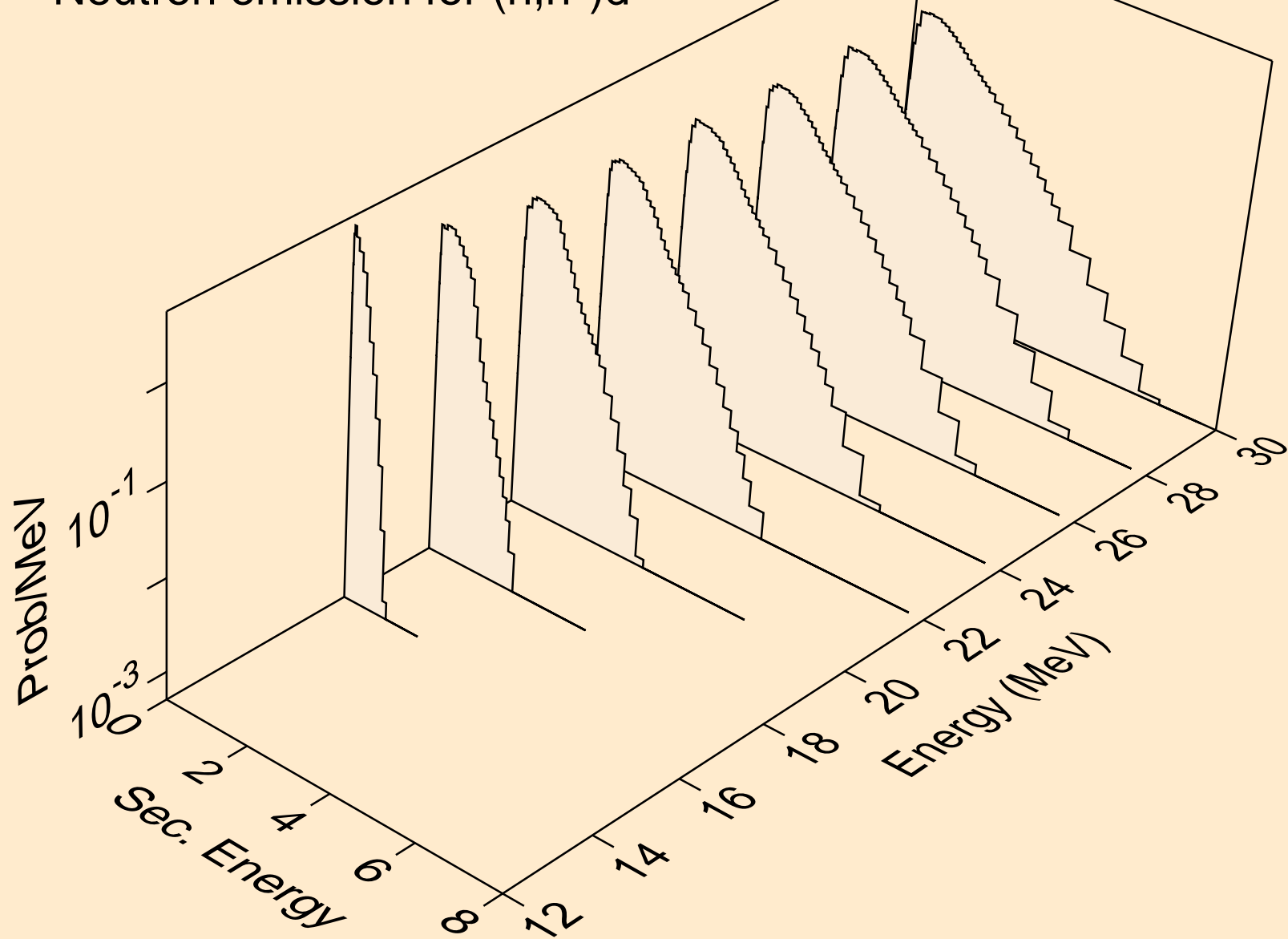
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



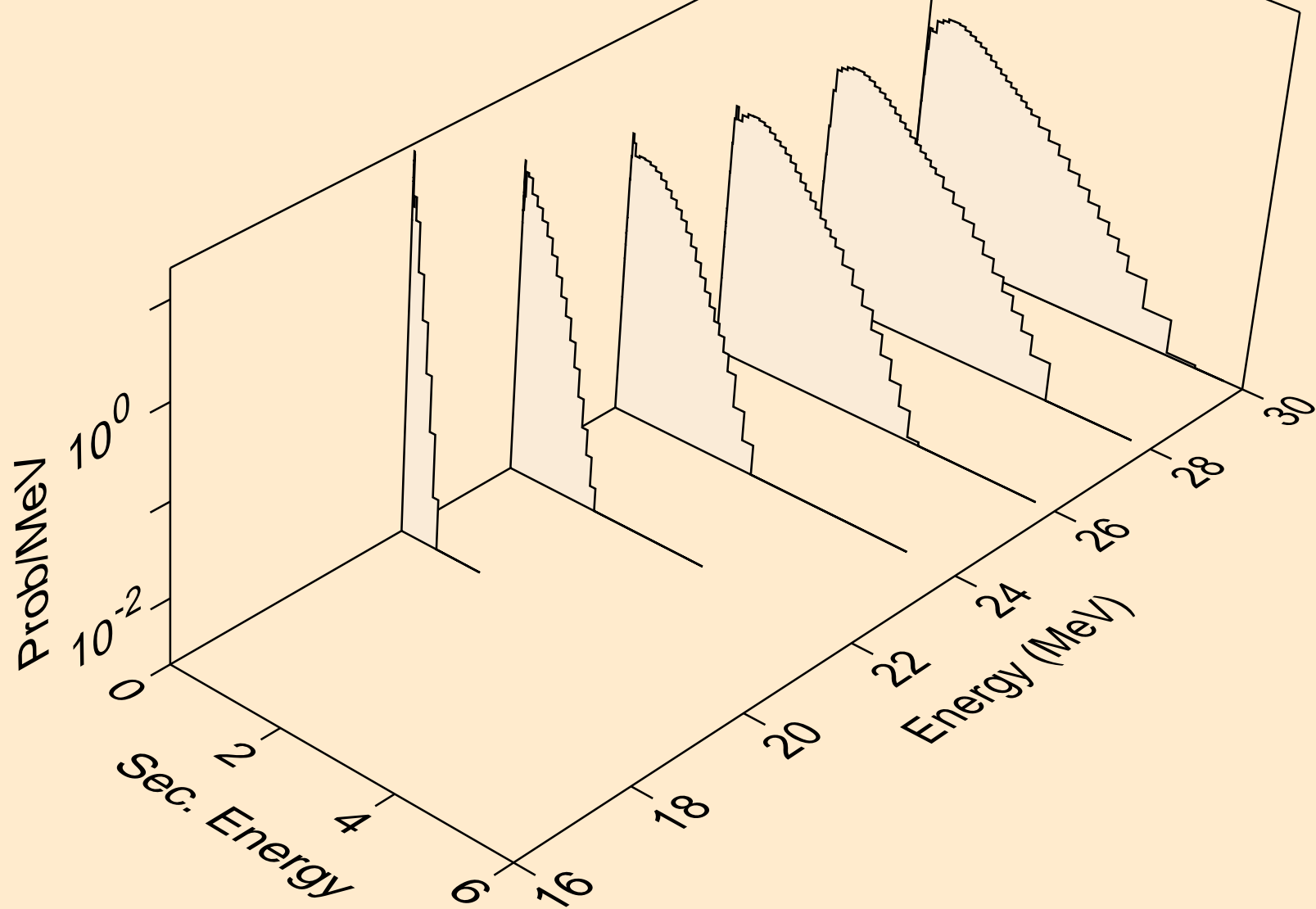
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



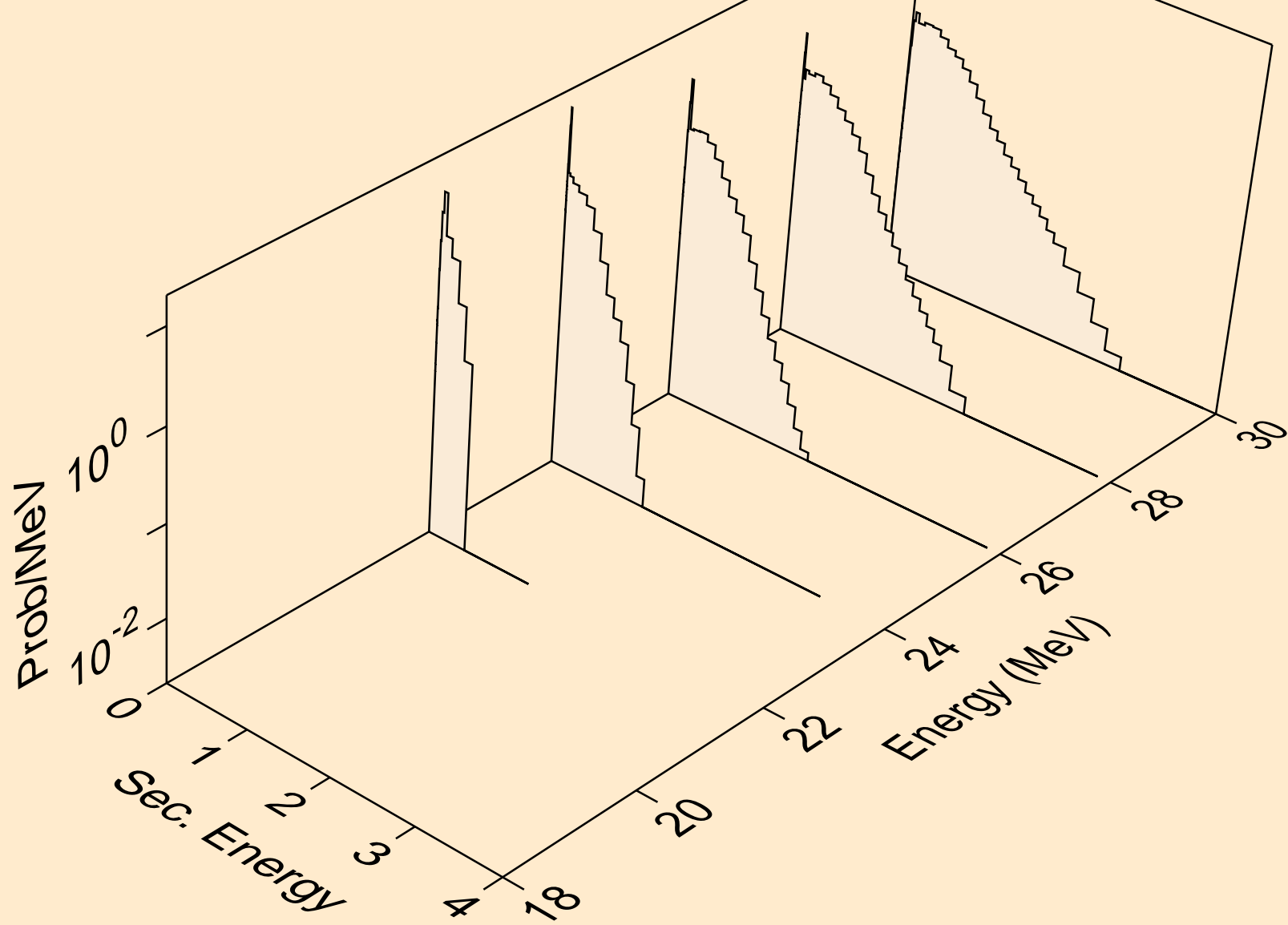
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



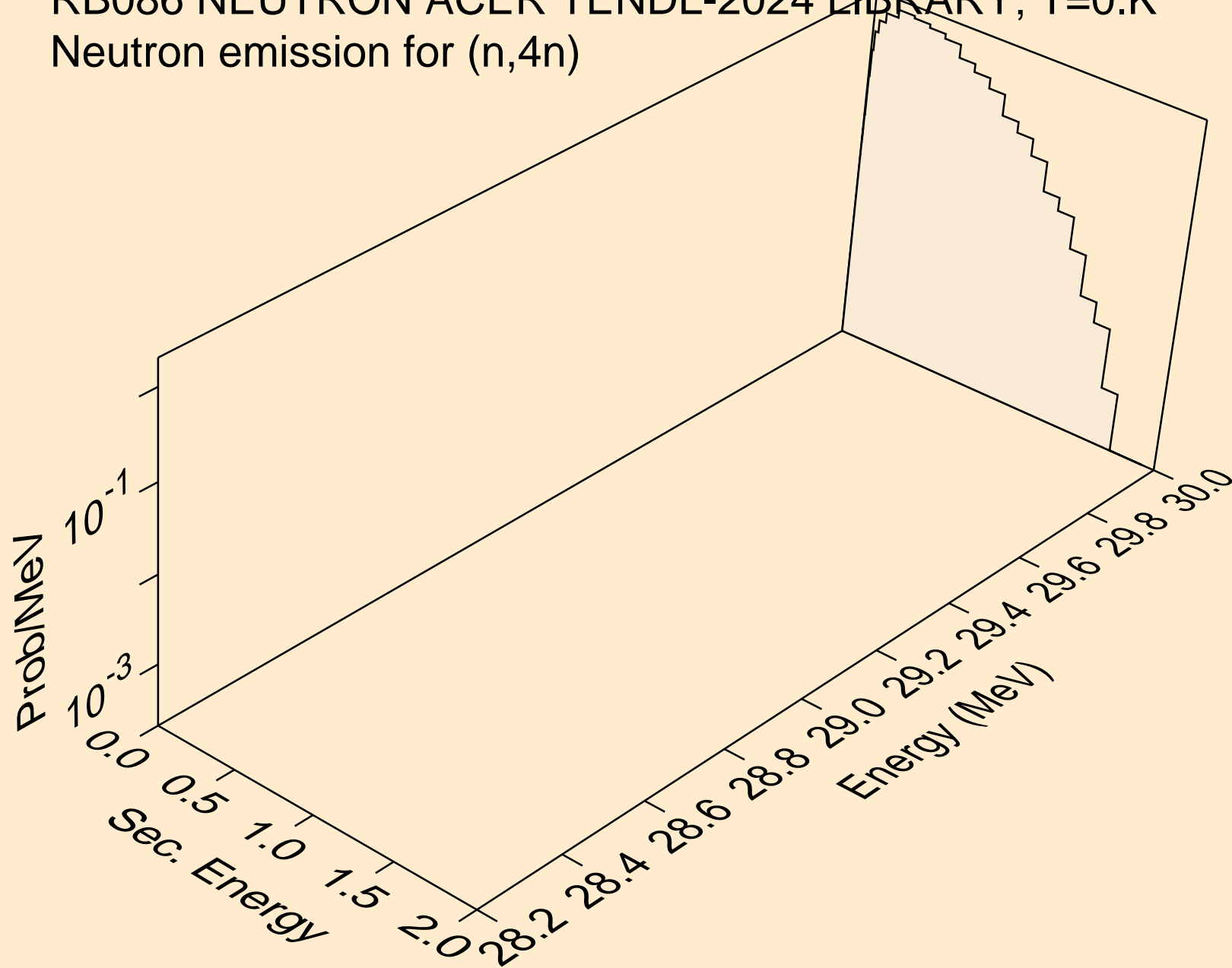
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



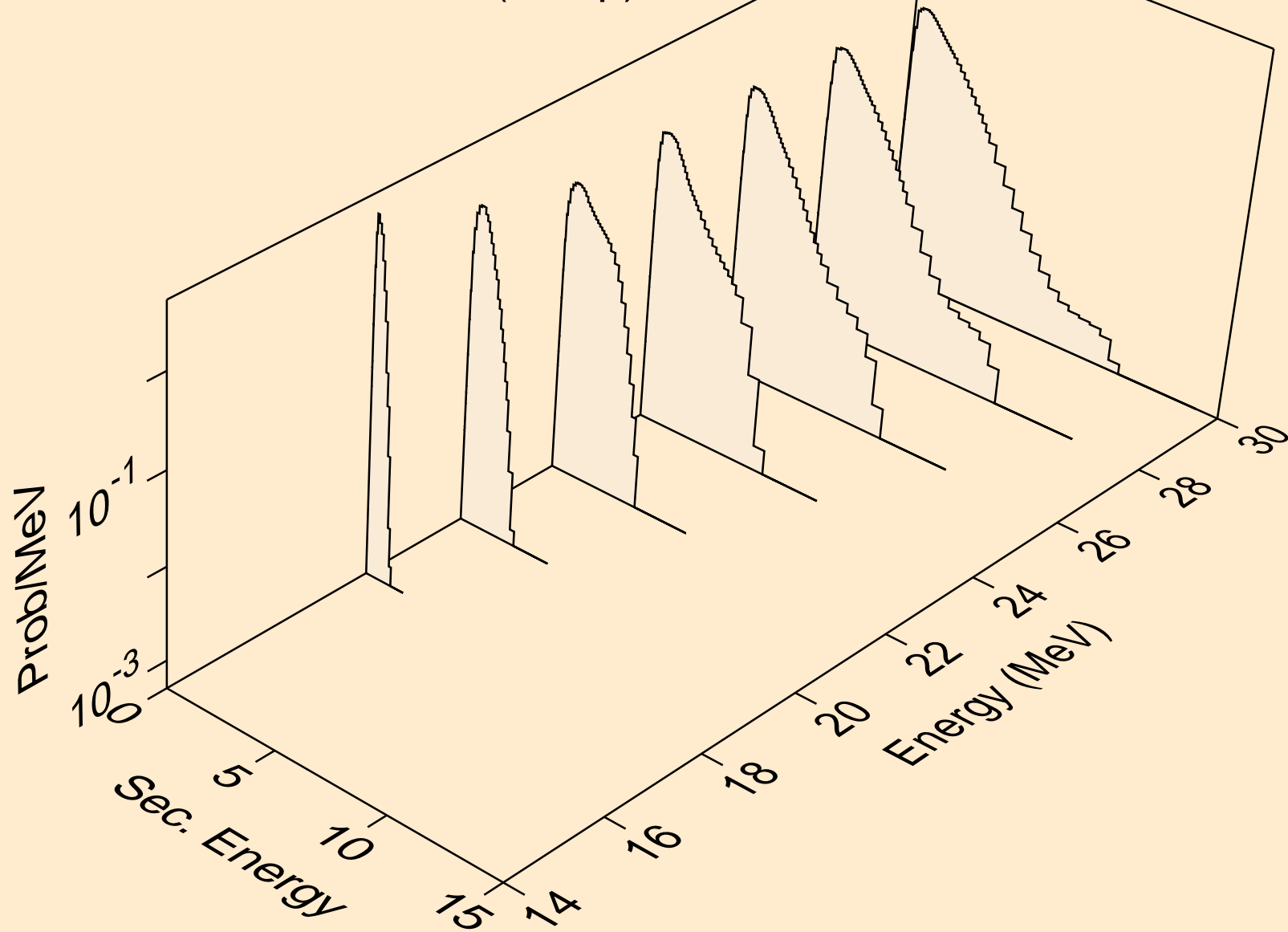
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

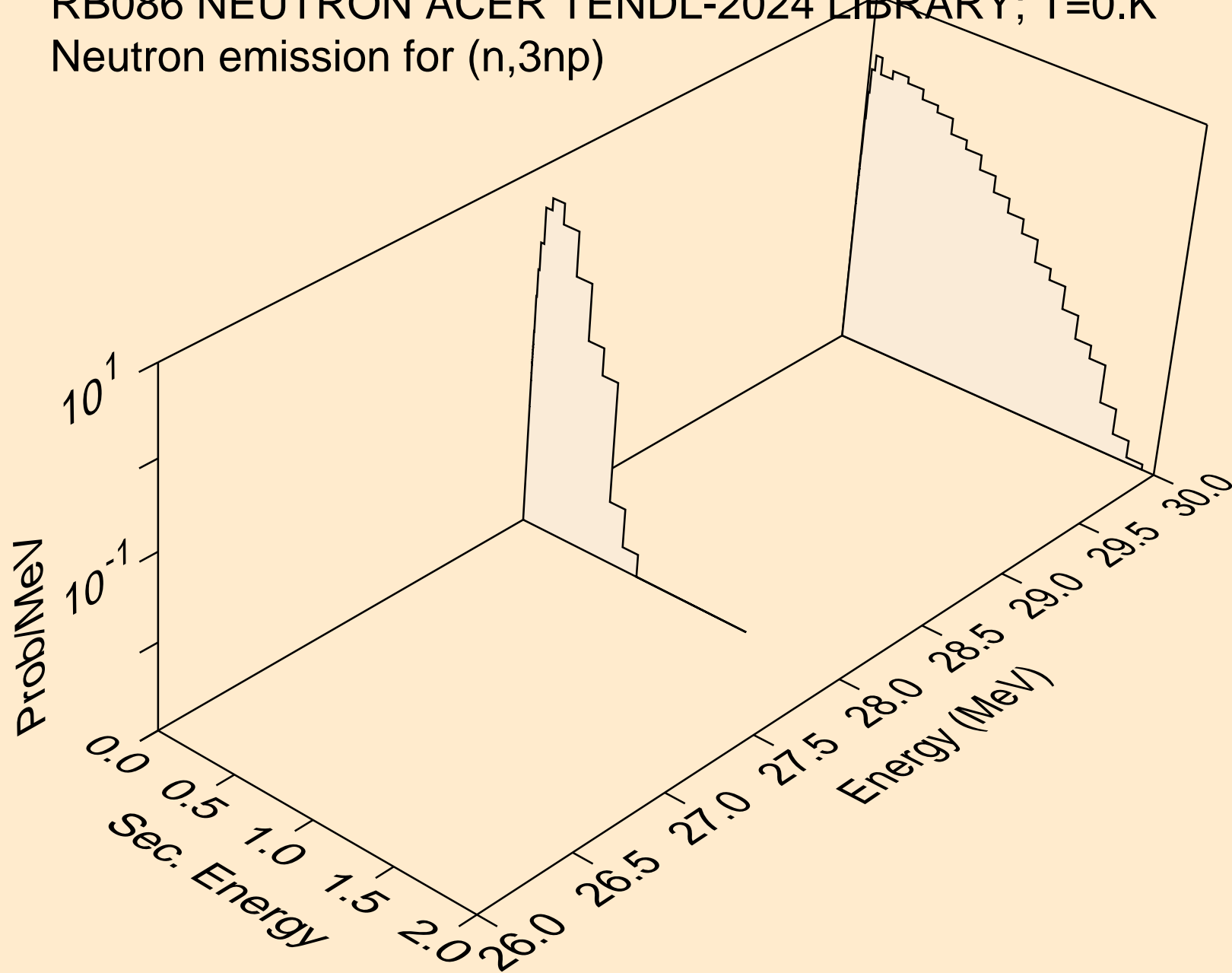


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

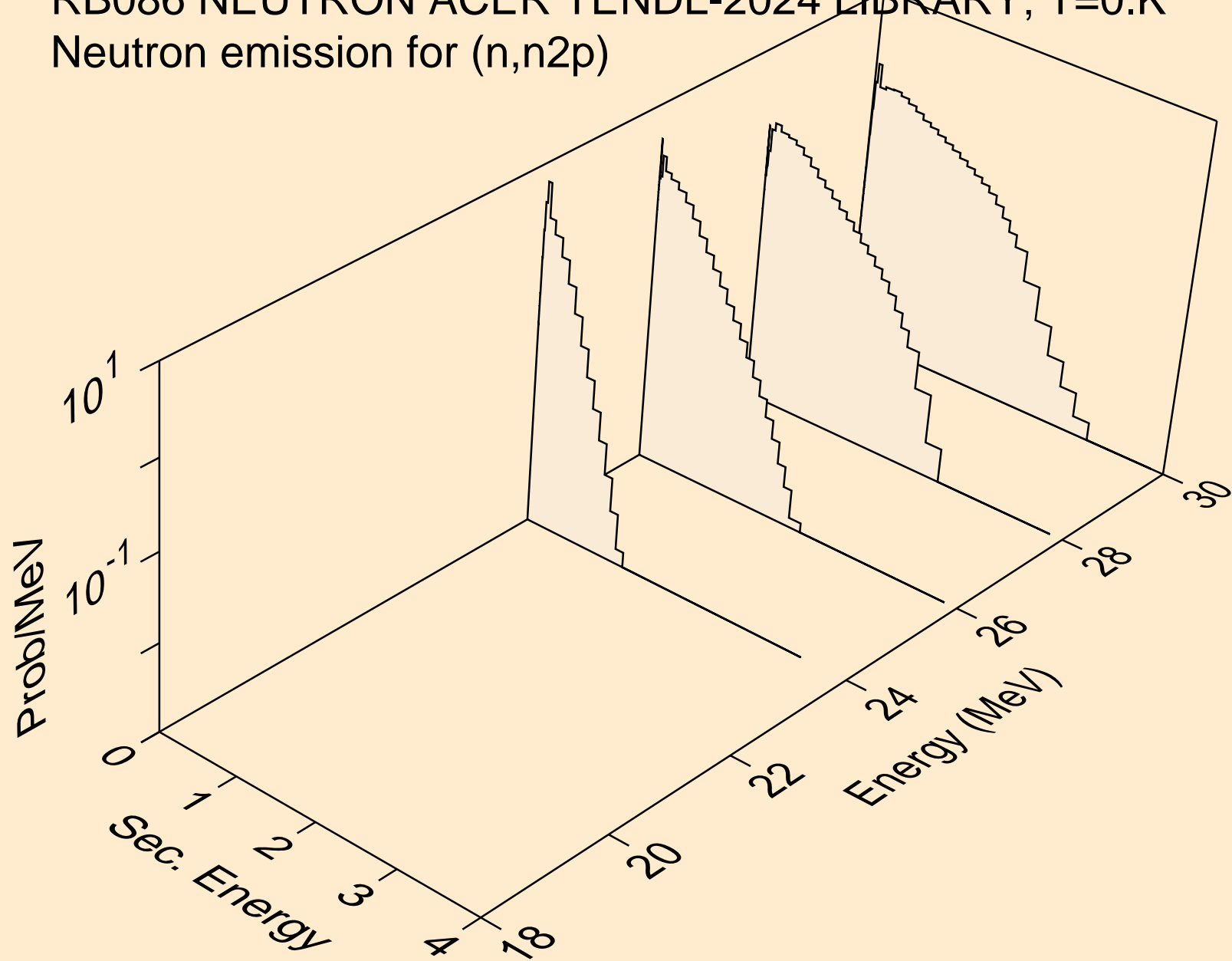




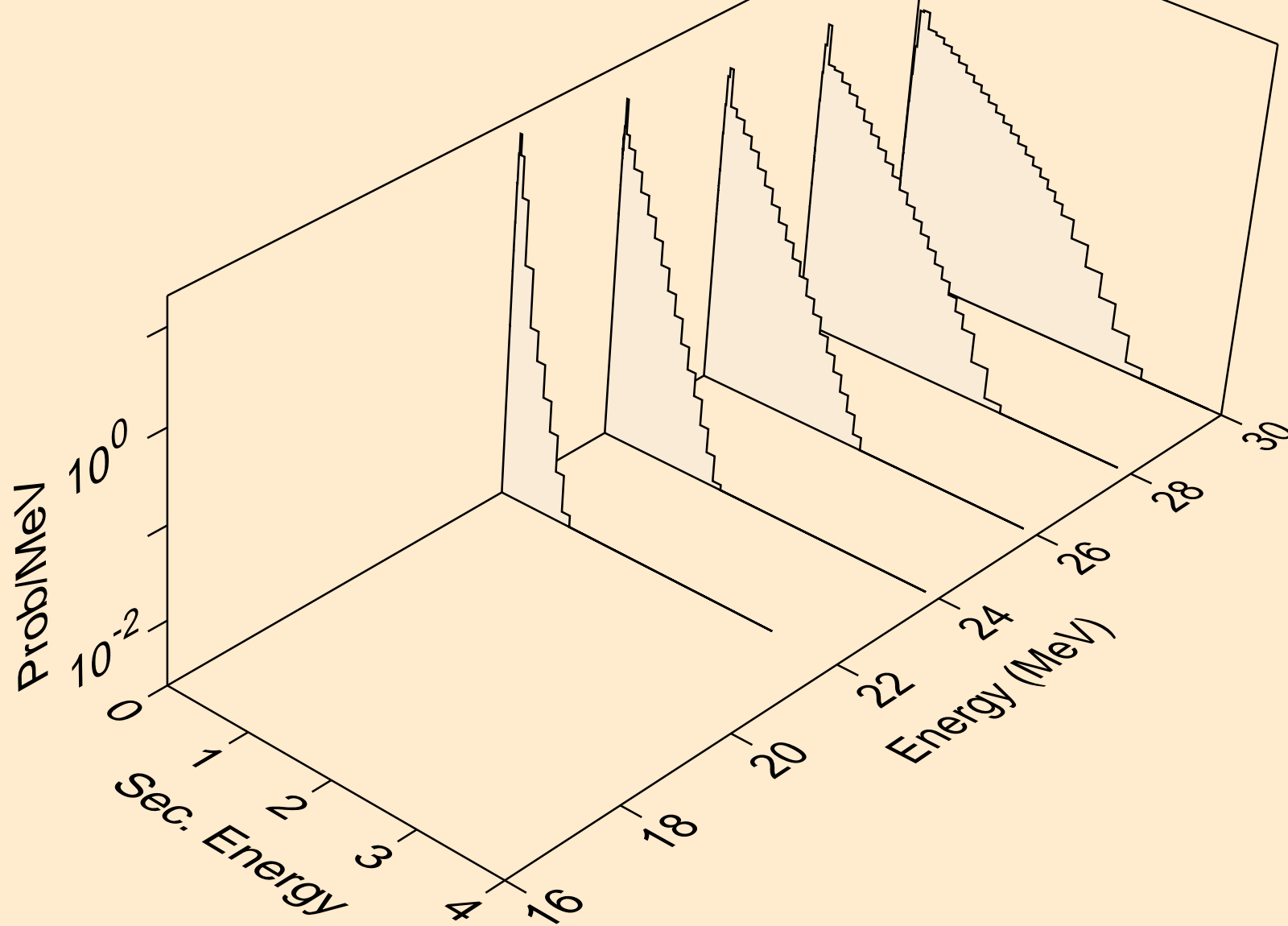
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



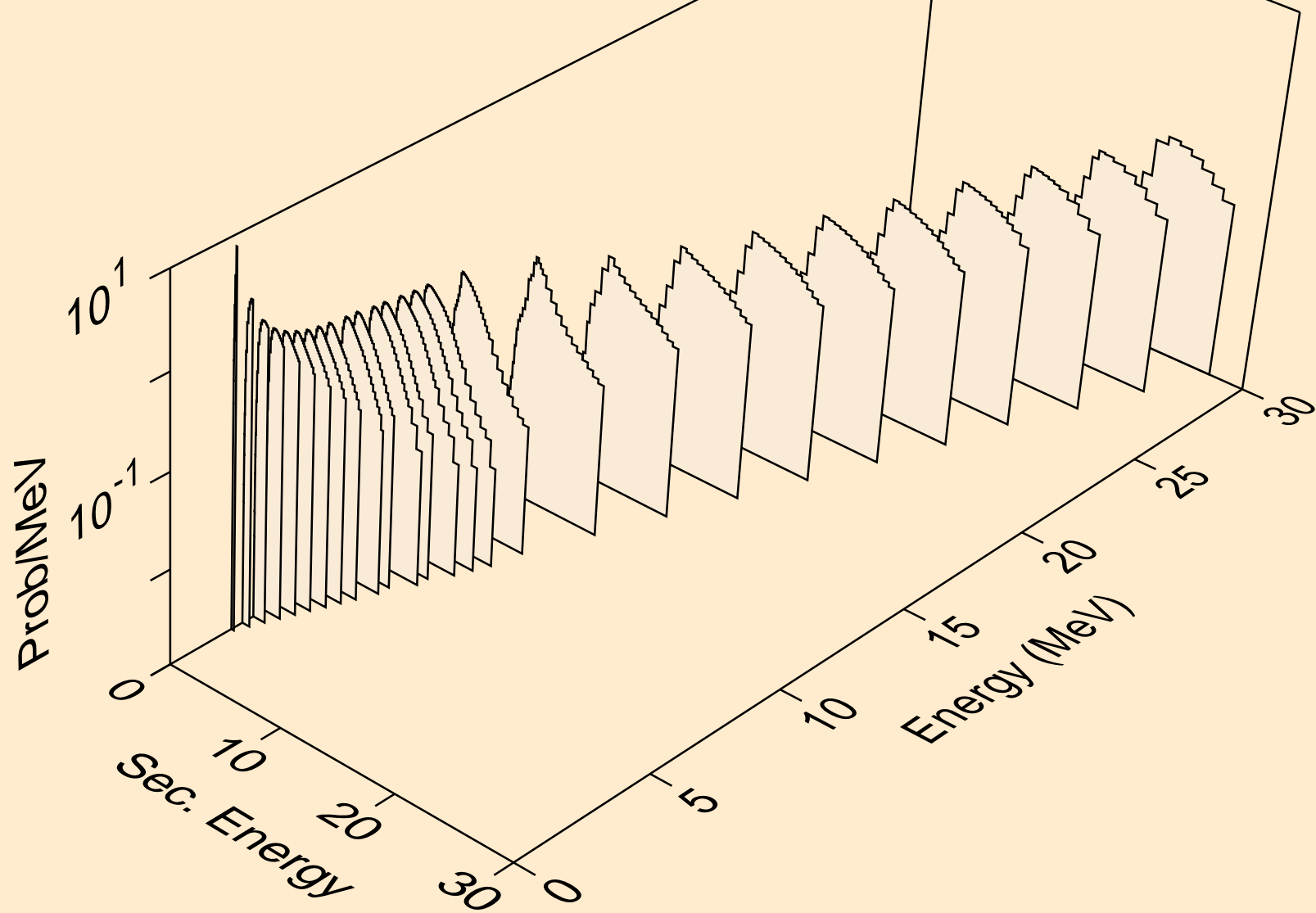
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



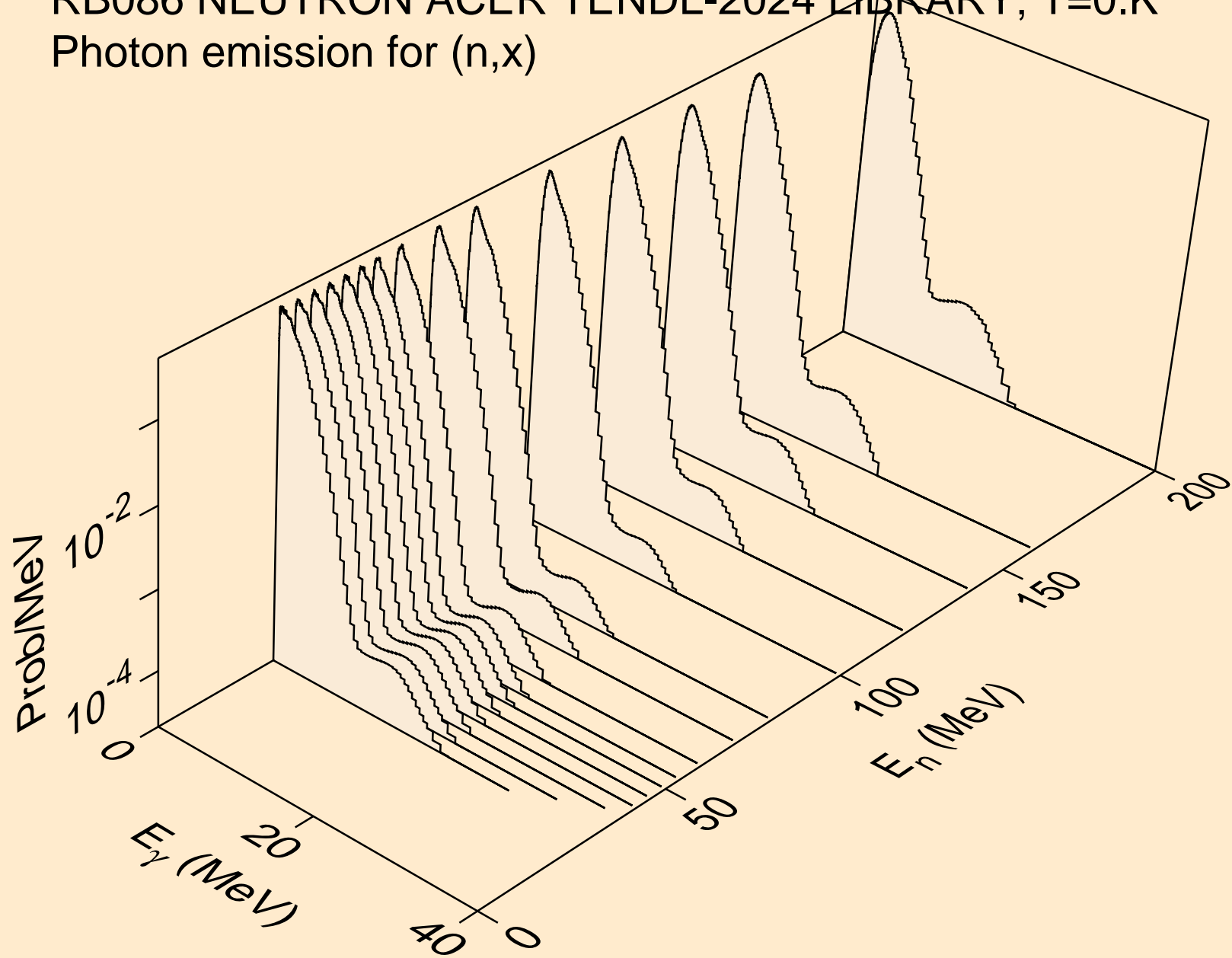
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



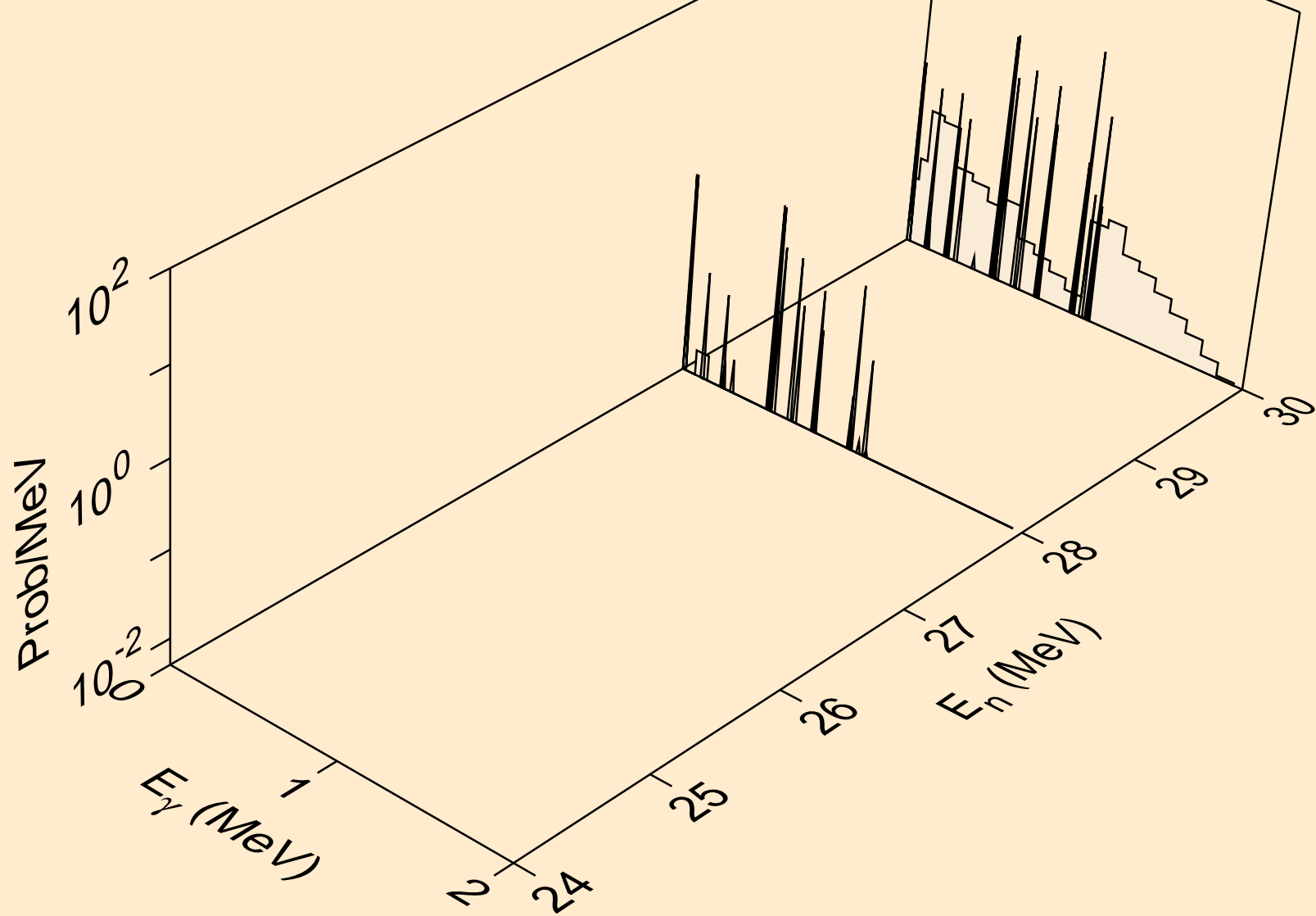
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



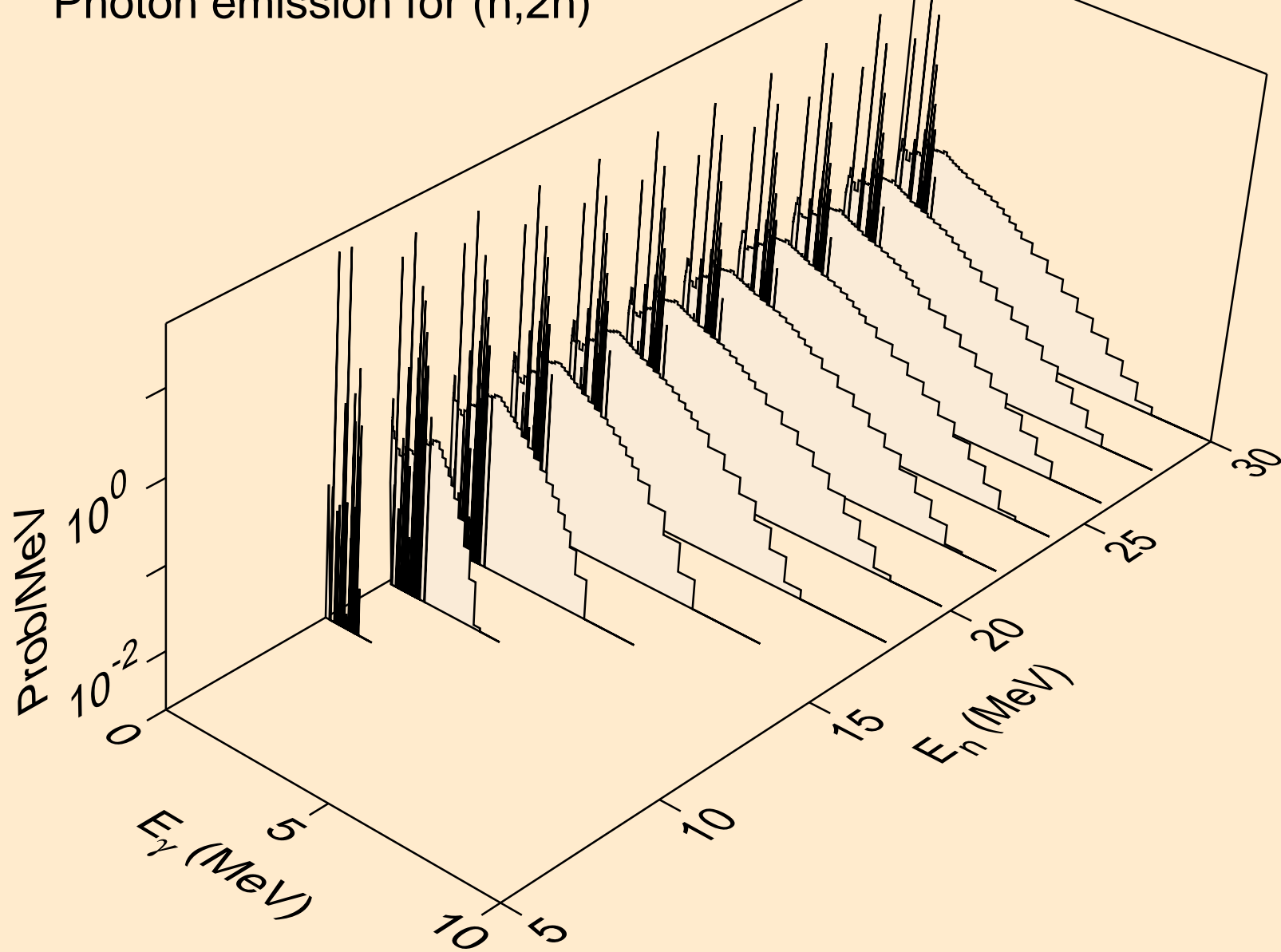
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



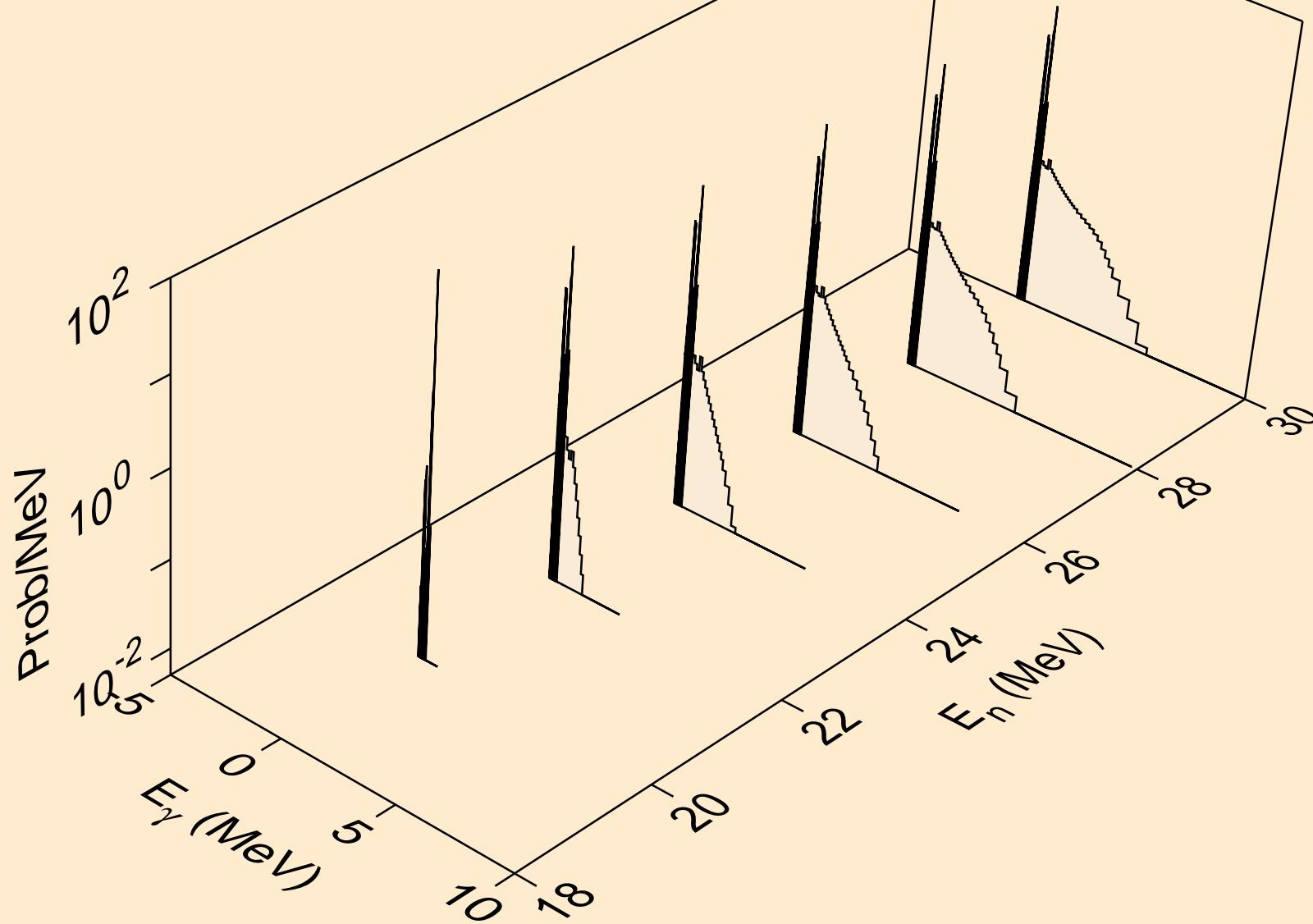
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

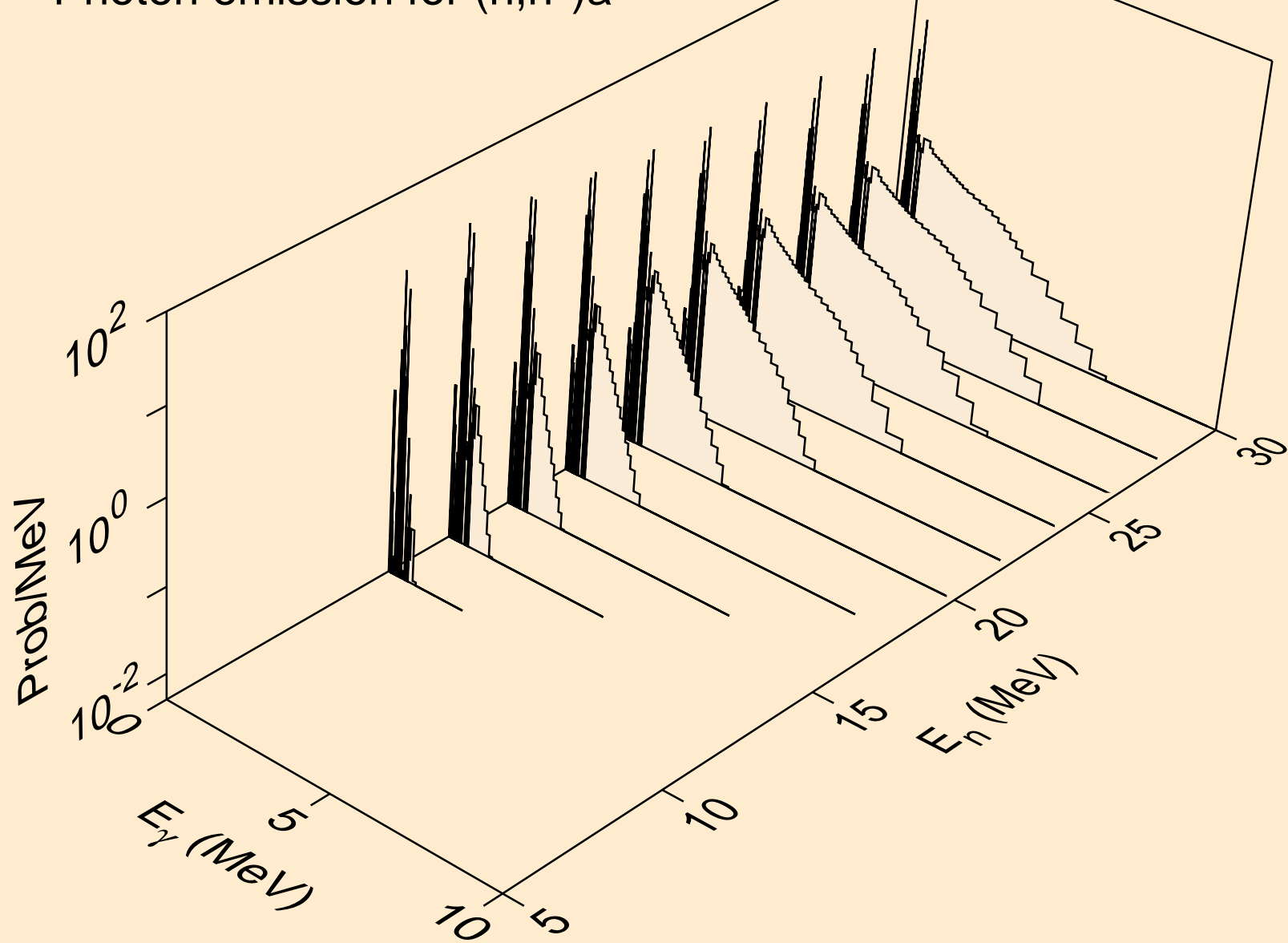


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Photon emission for (n,3n)

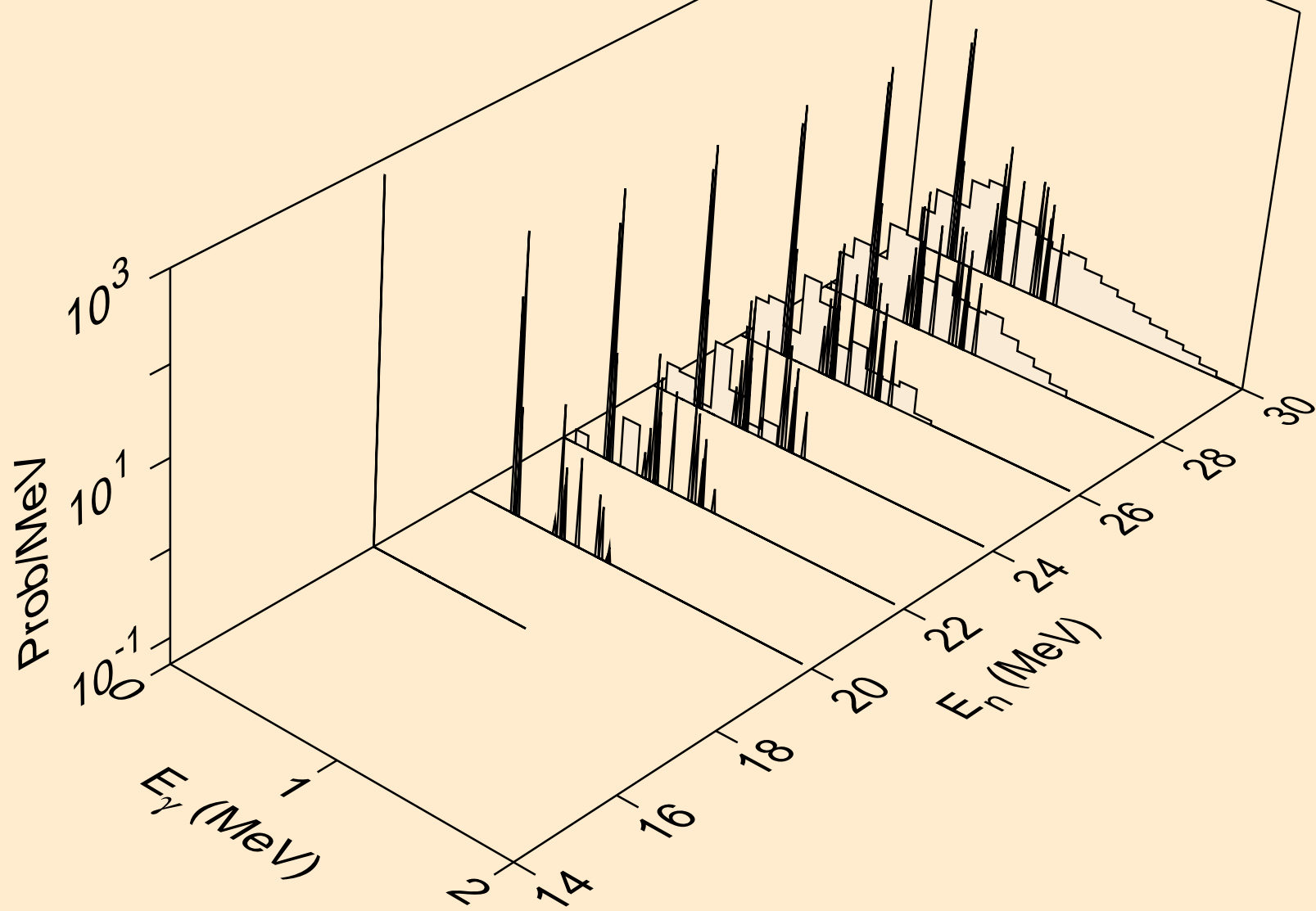




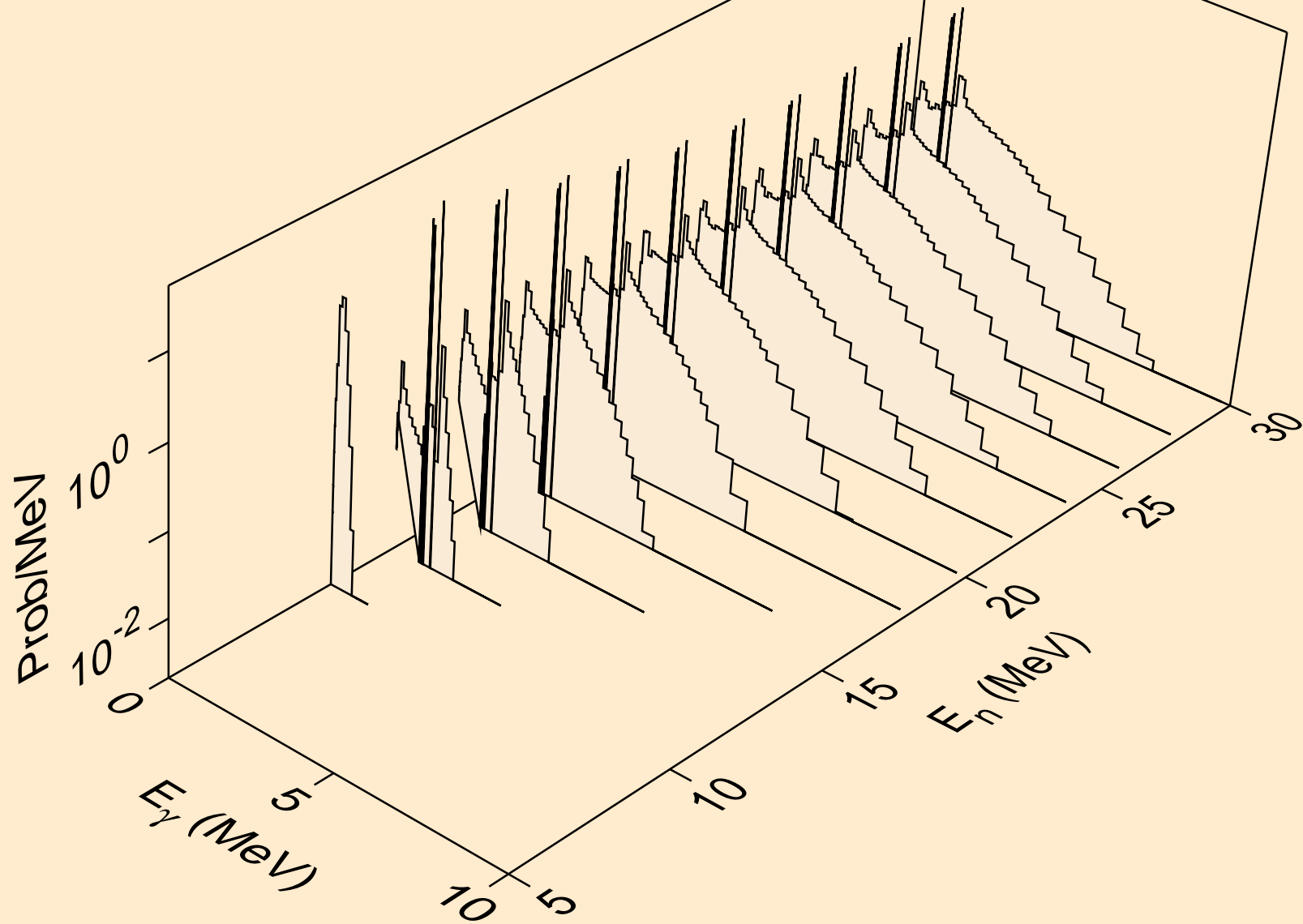
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



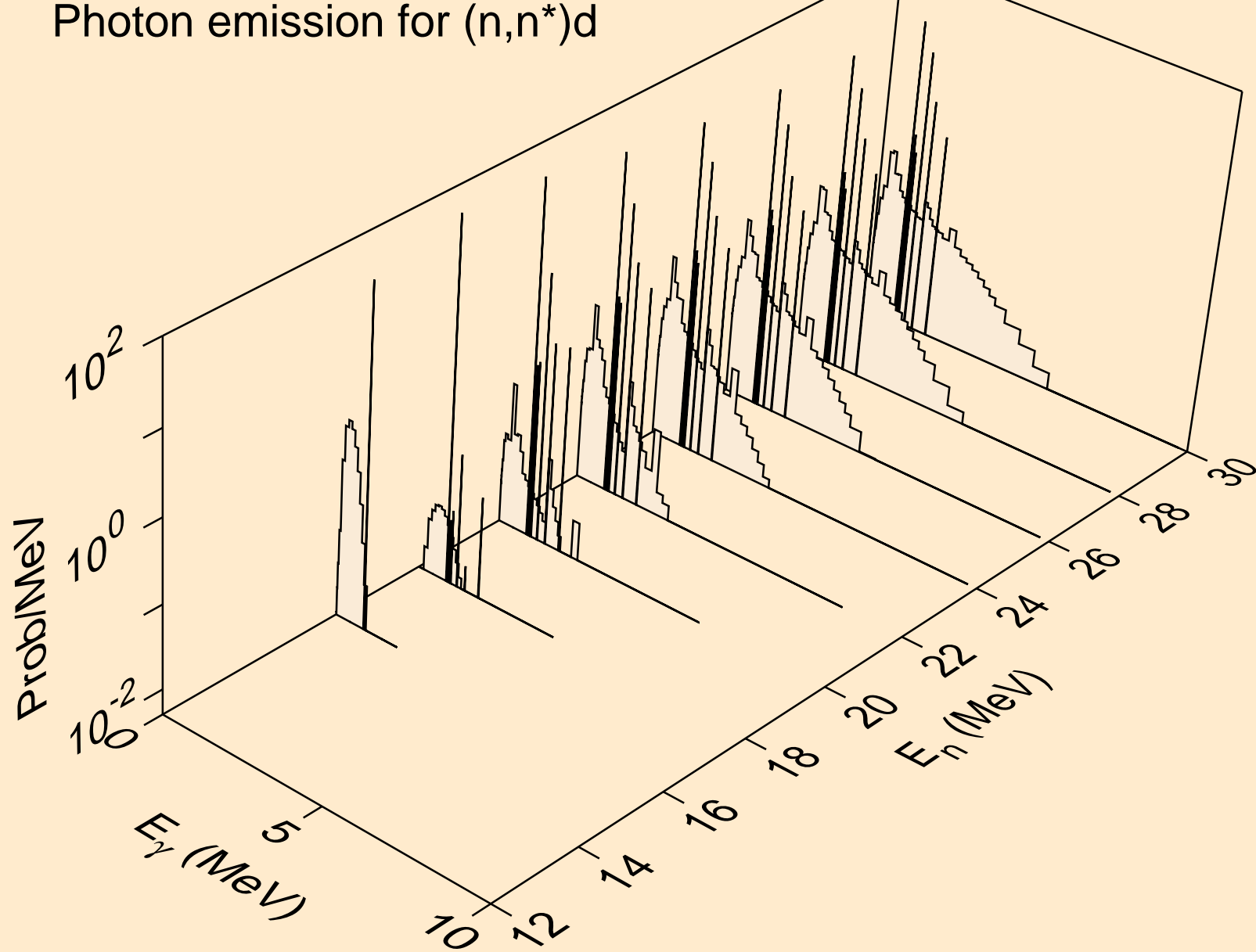
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



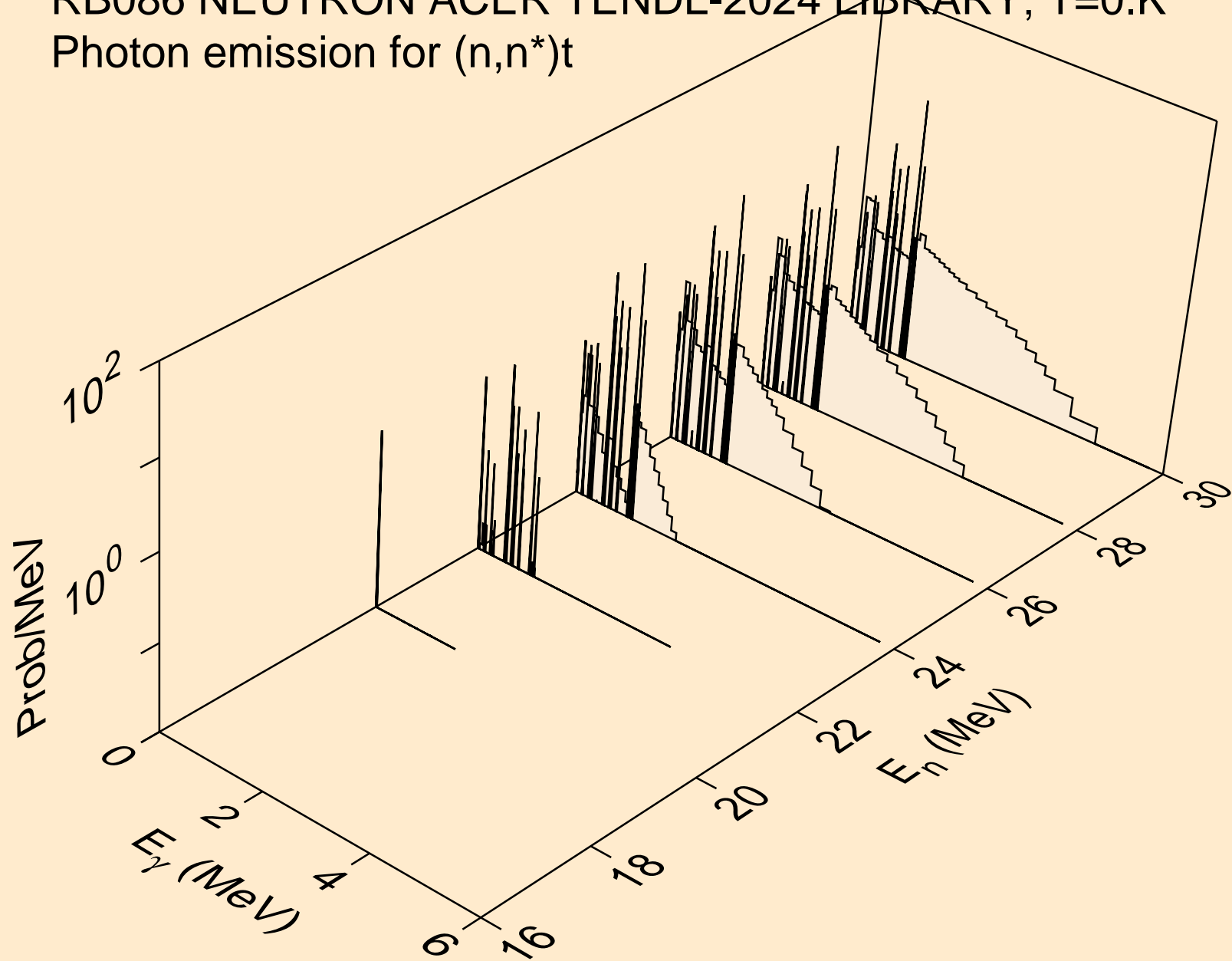
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Photon emission for (n,n\*)p



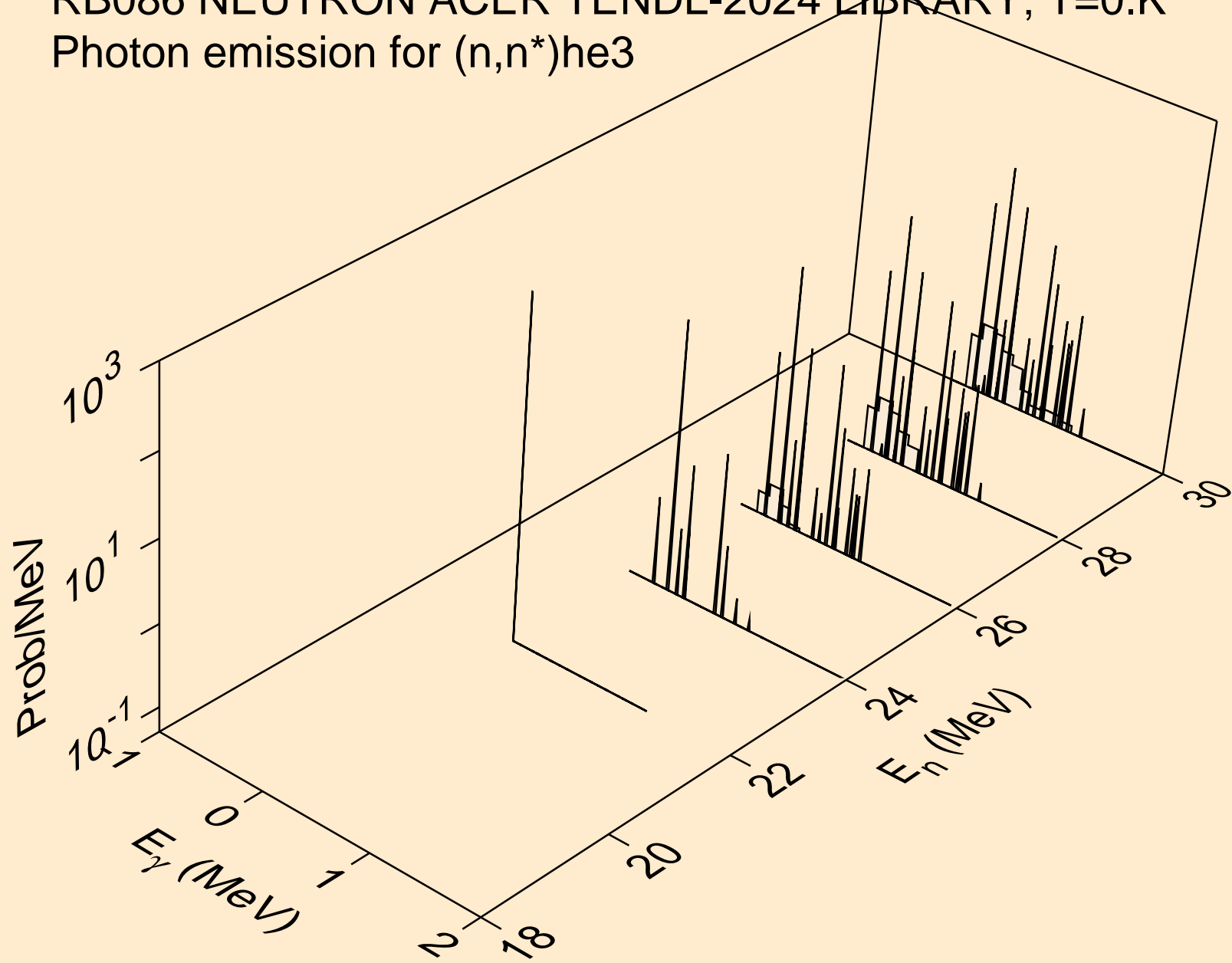
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Photon emission for (n,n\*)d



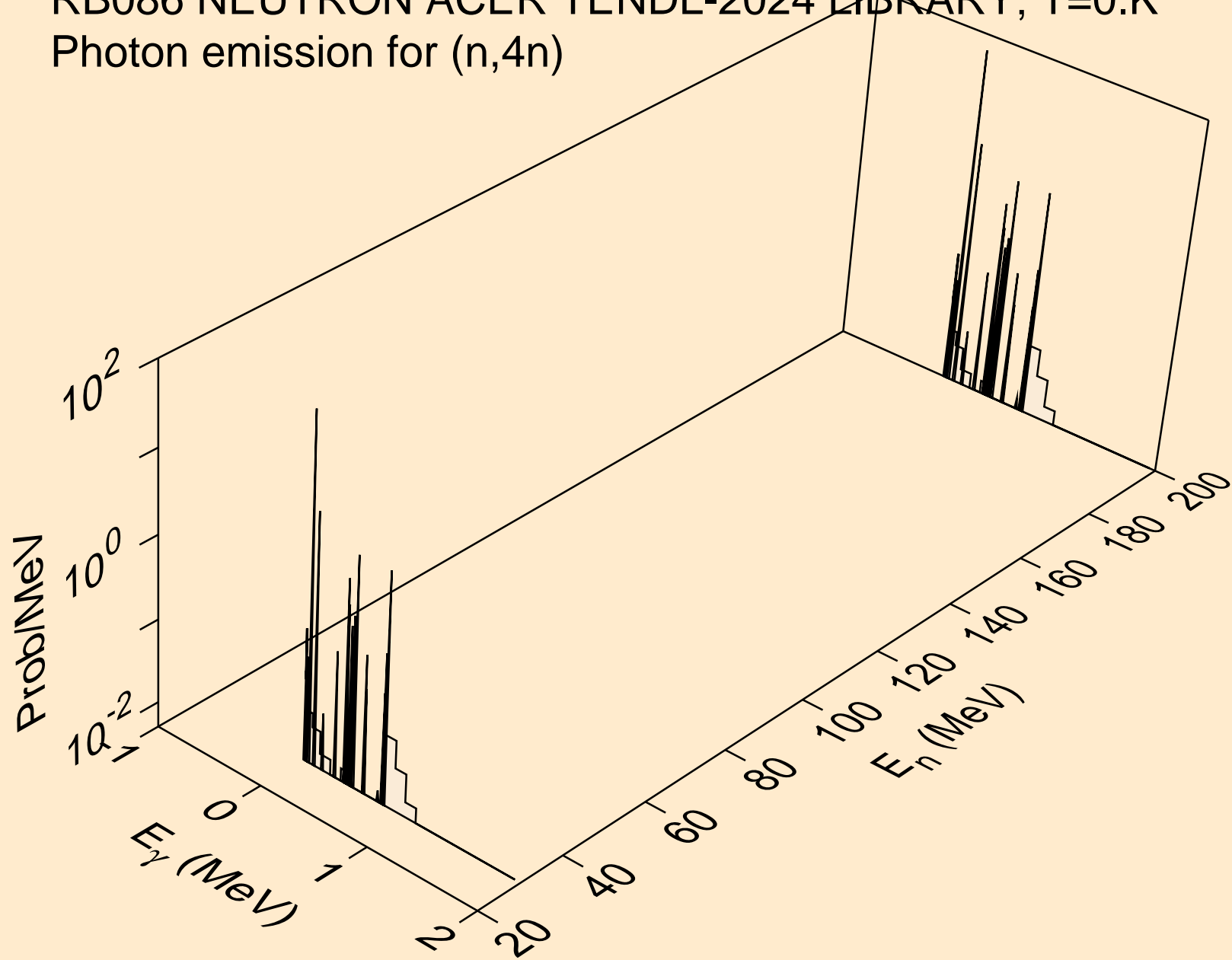
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Photon emission for (n,n\*)t



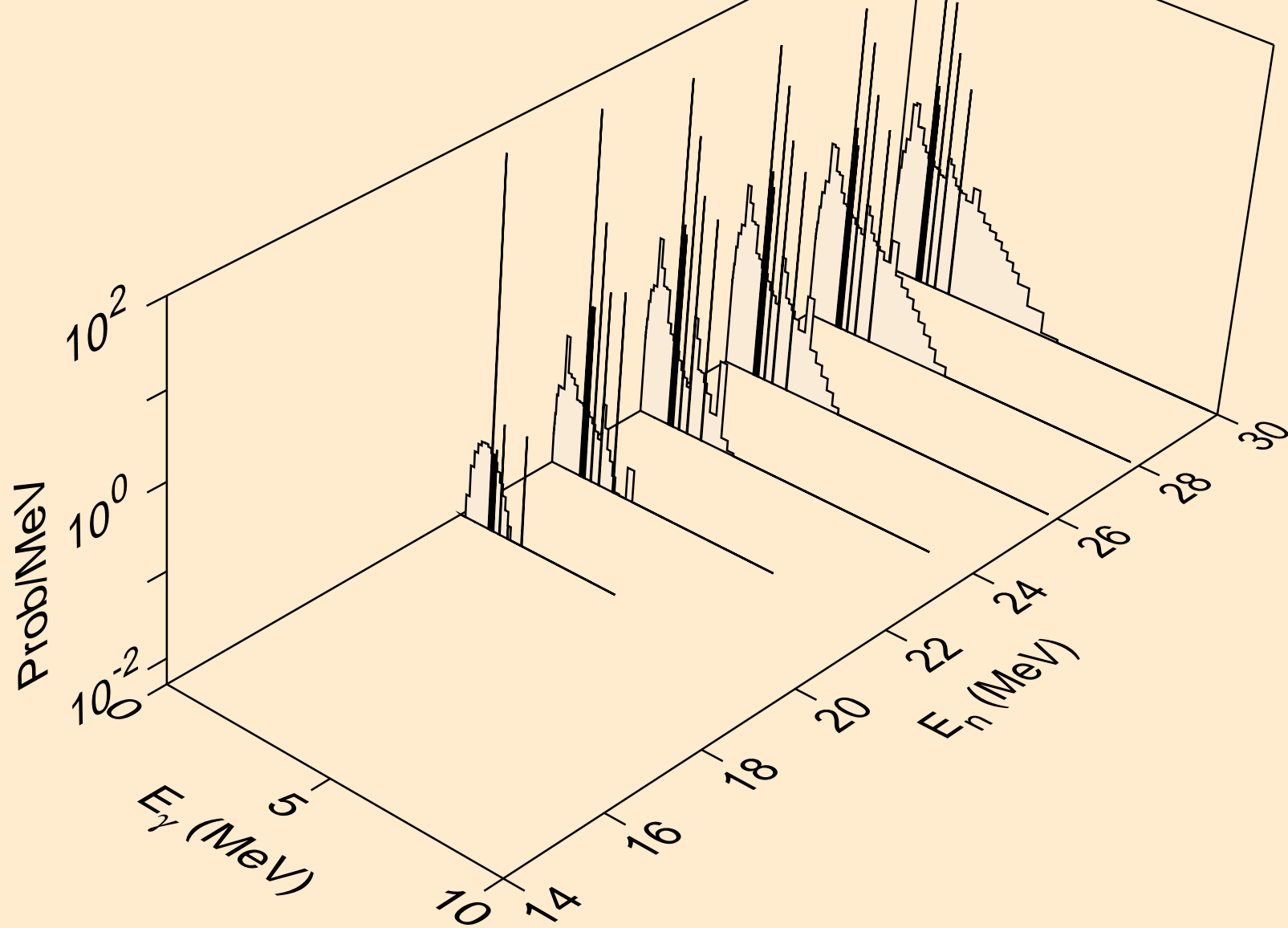
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

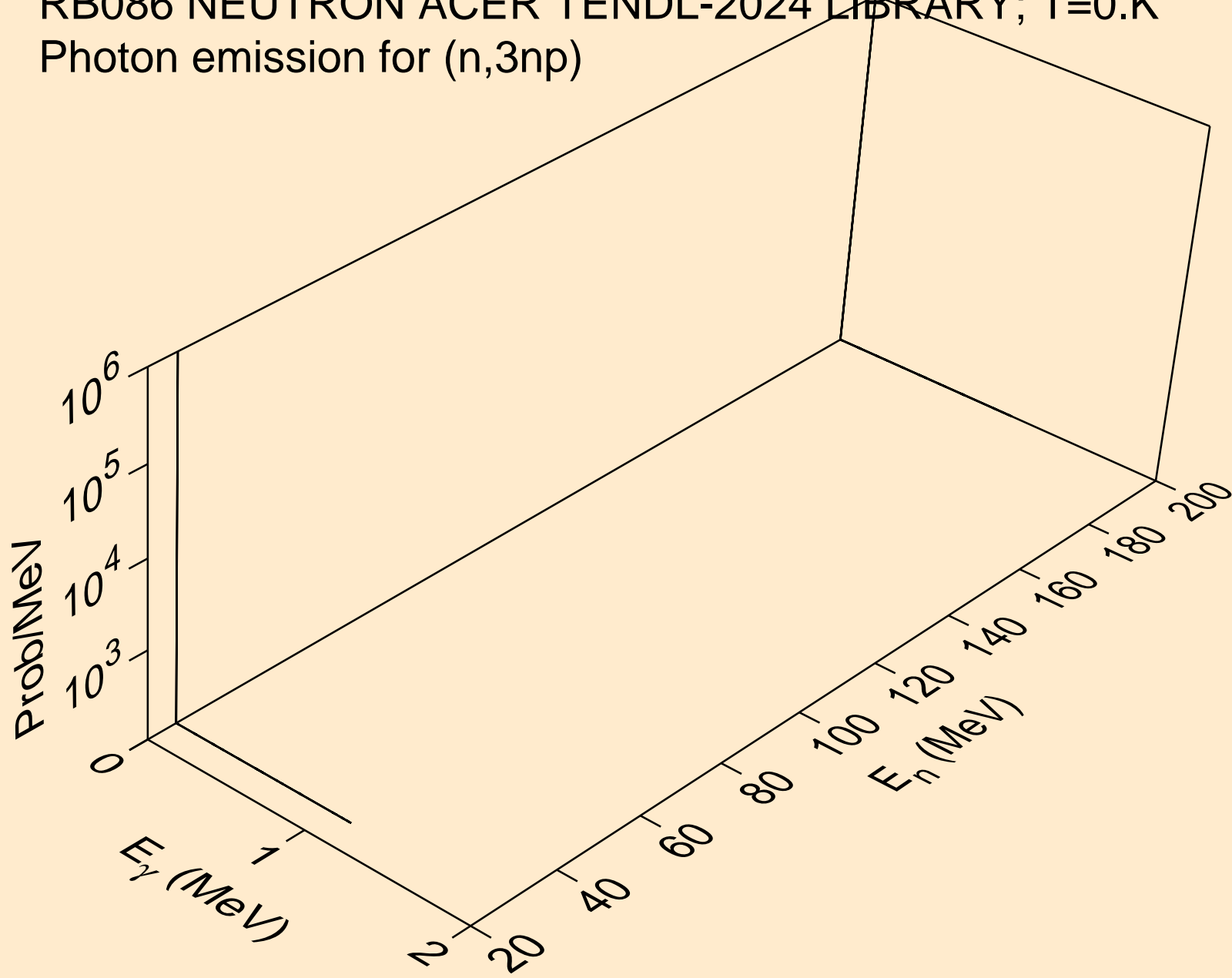


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

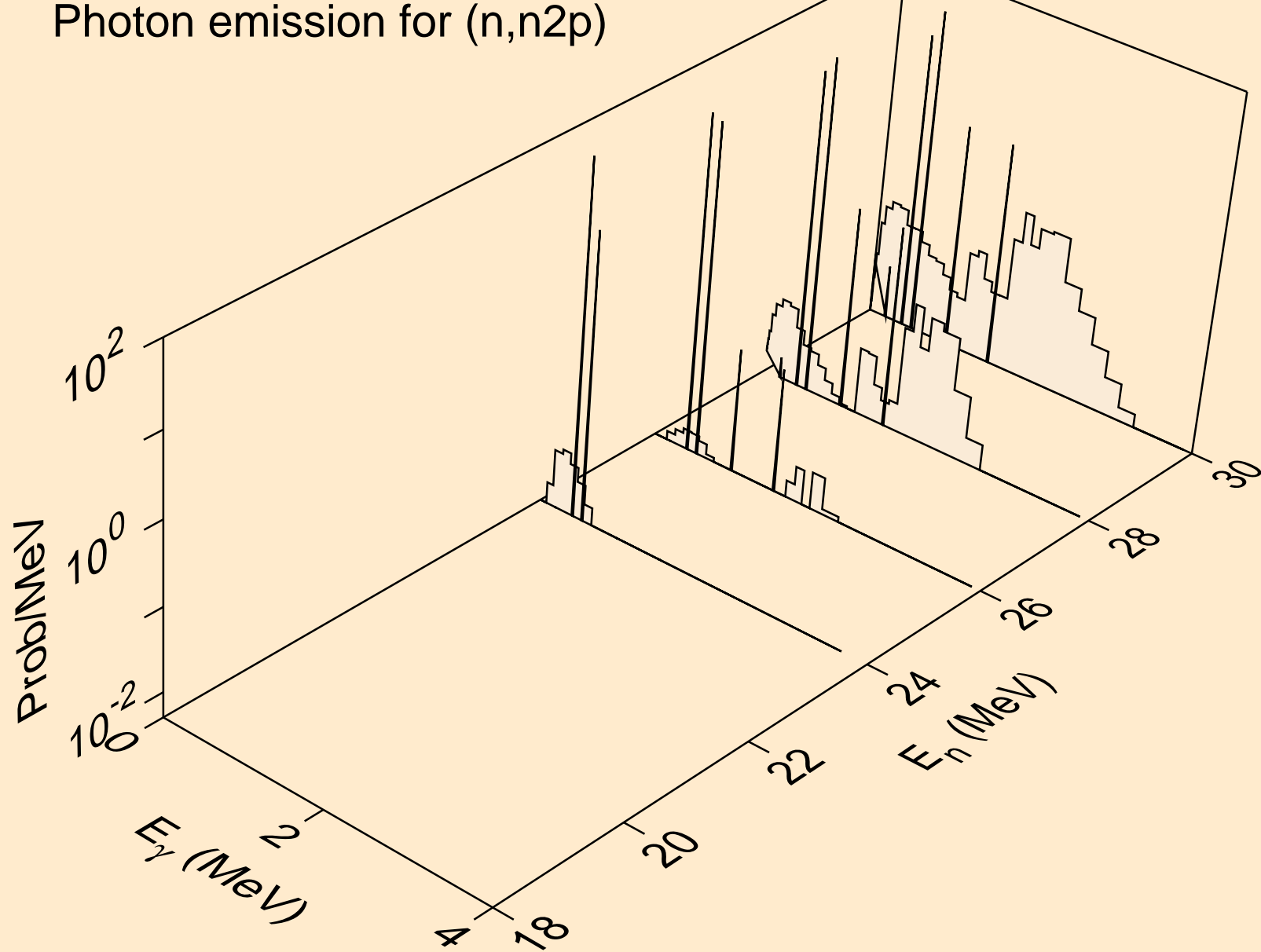




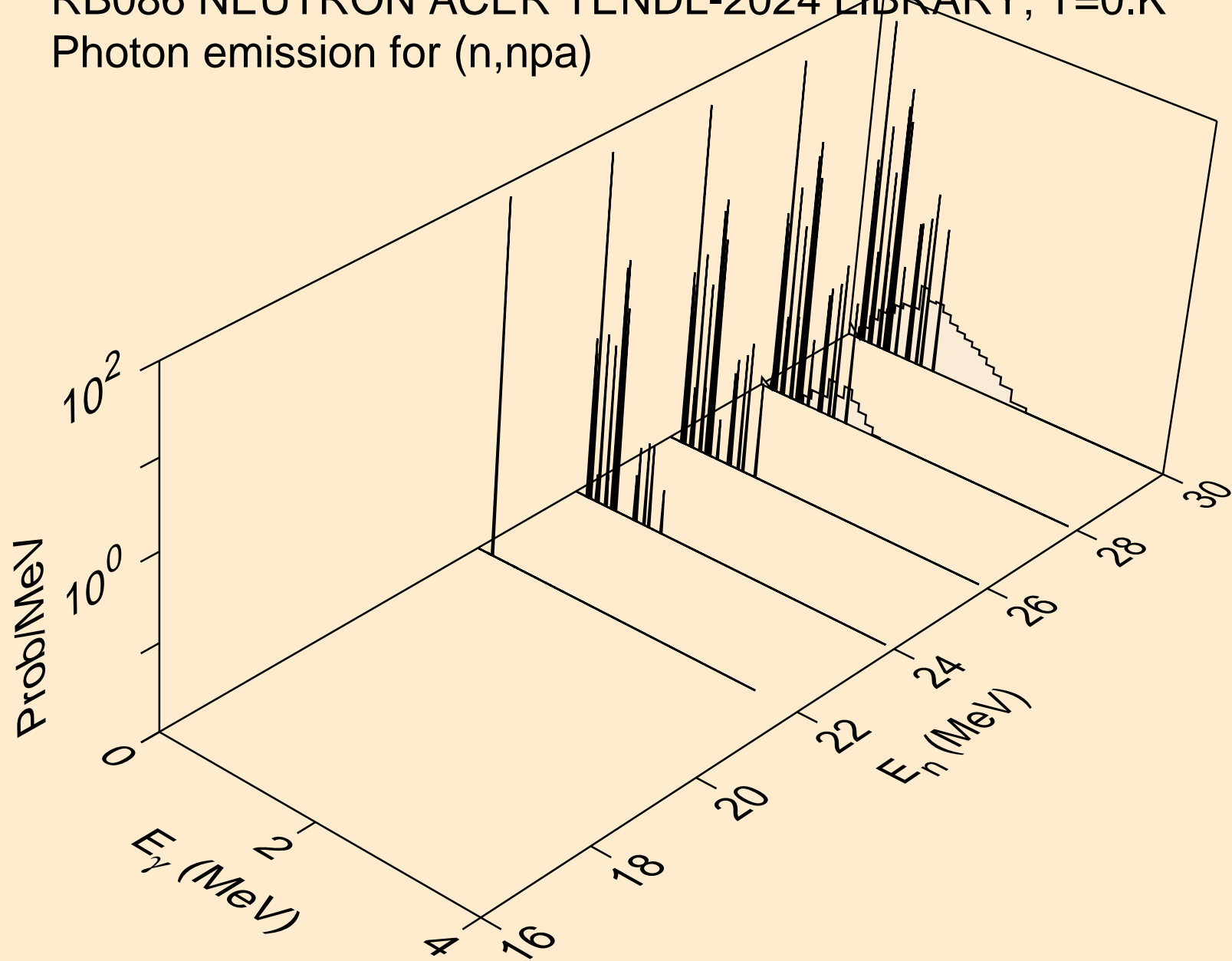
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Photon emission for (n,3np)



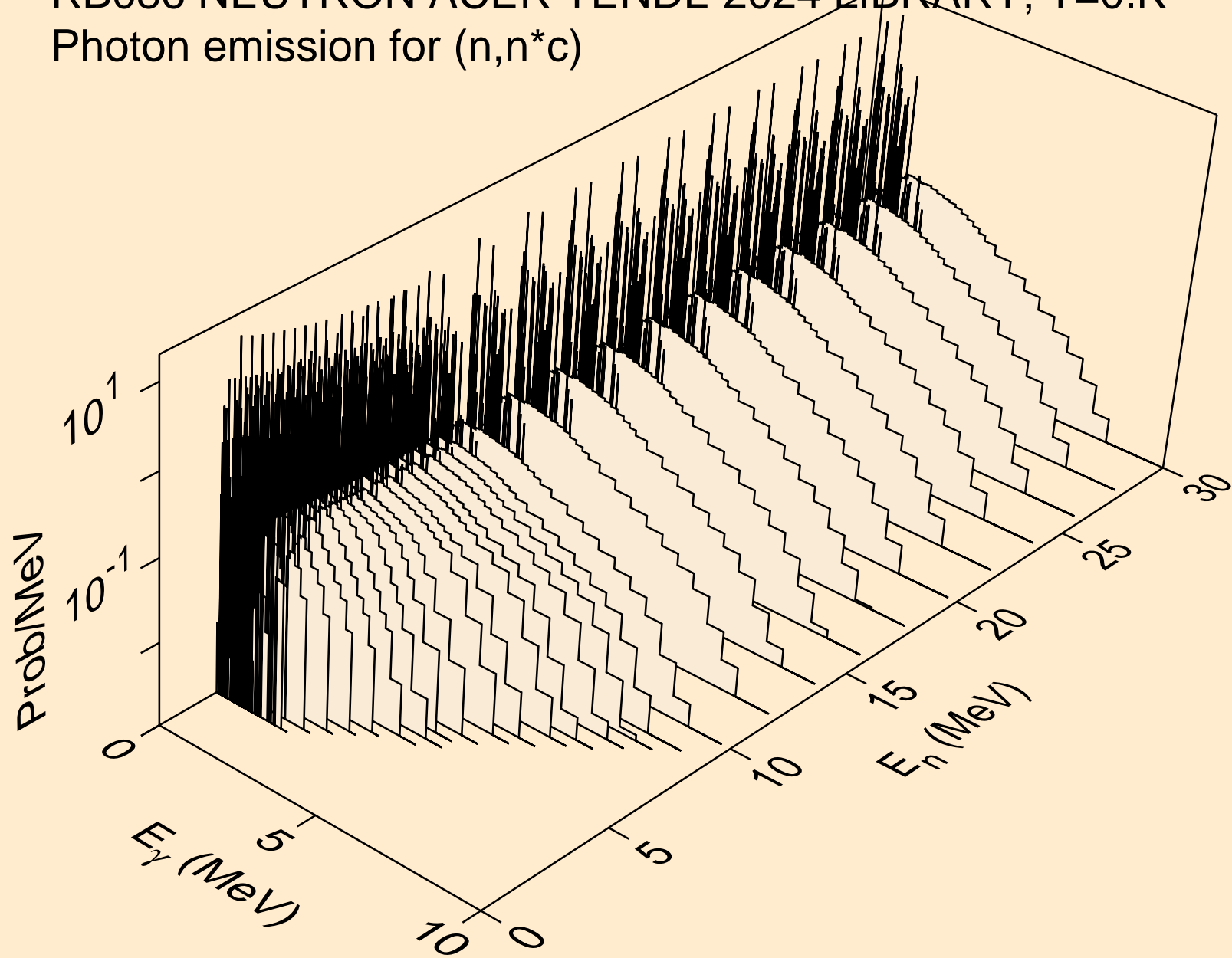
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Photon emission for (n,n2p)



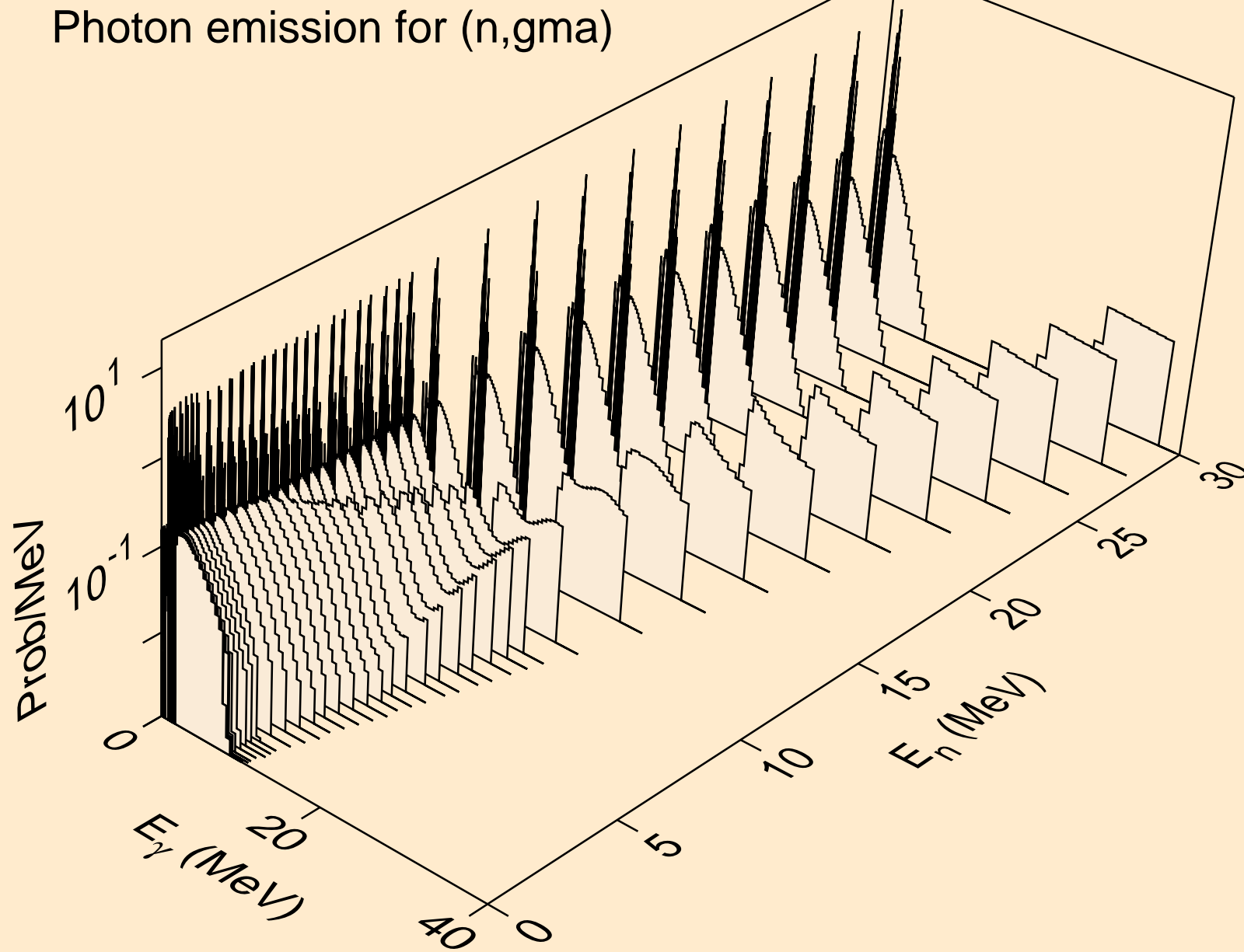
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Photon emission for (n,npa)



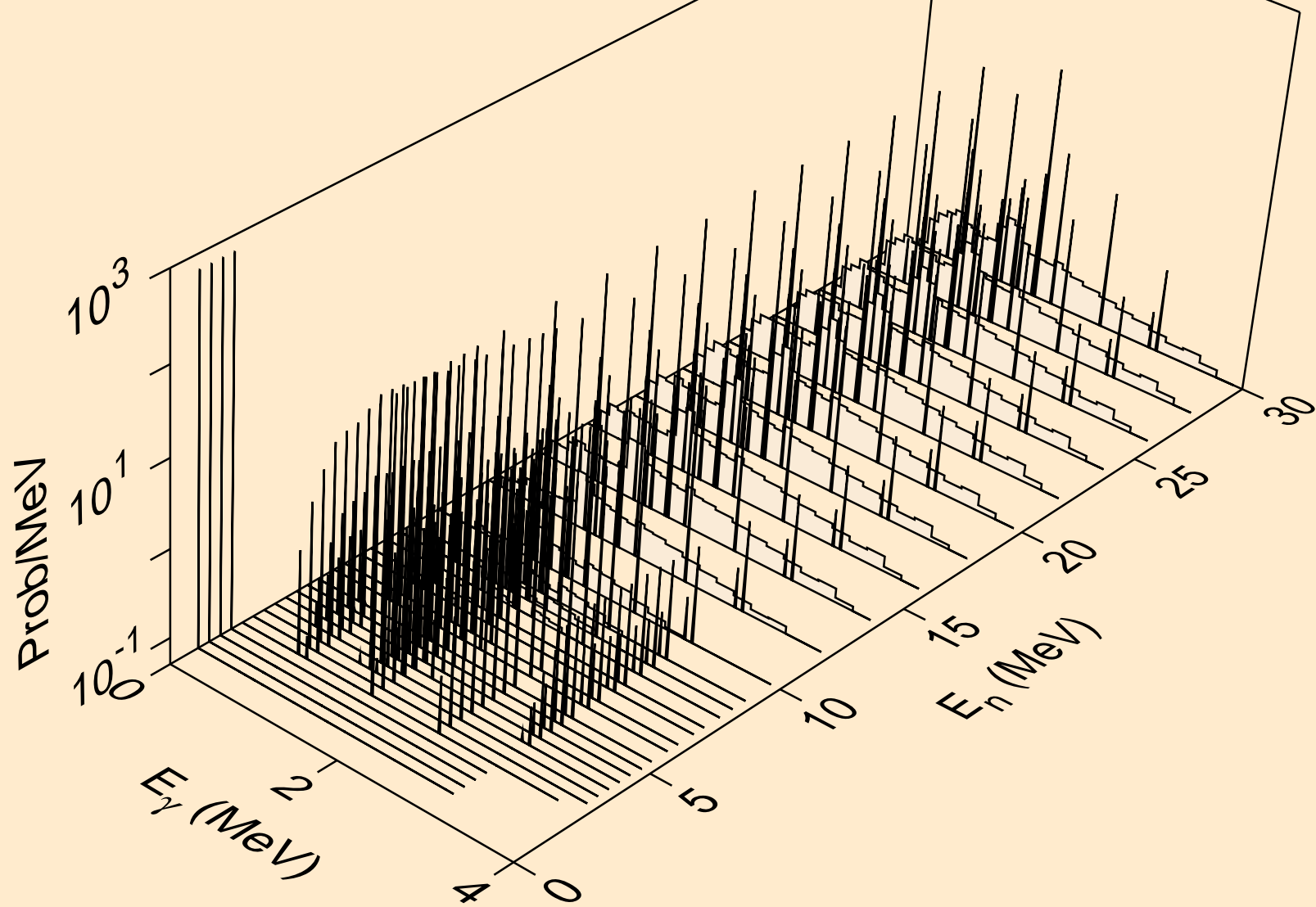
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Photon emission for (n,n\*c)



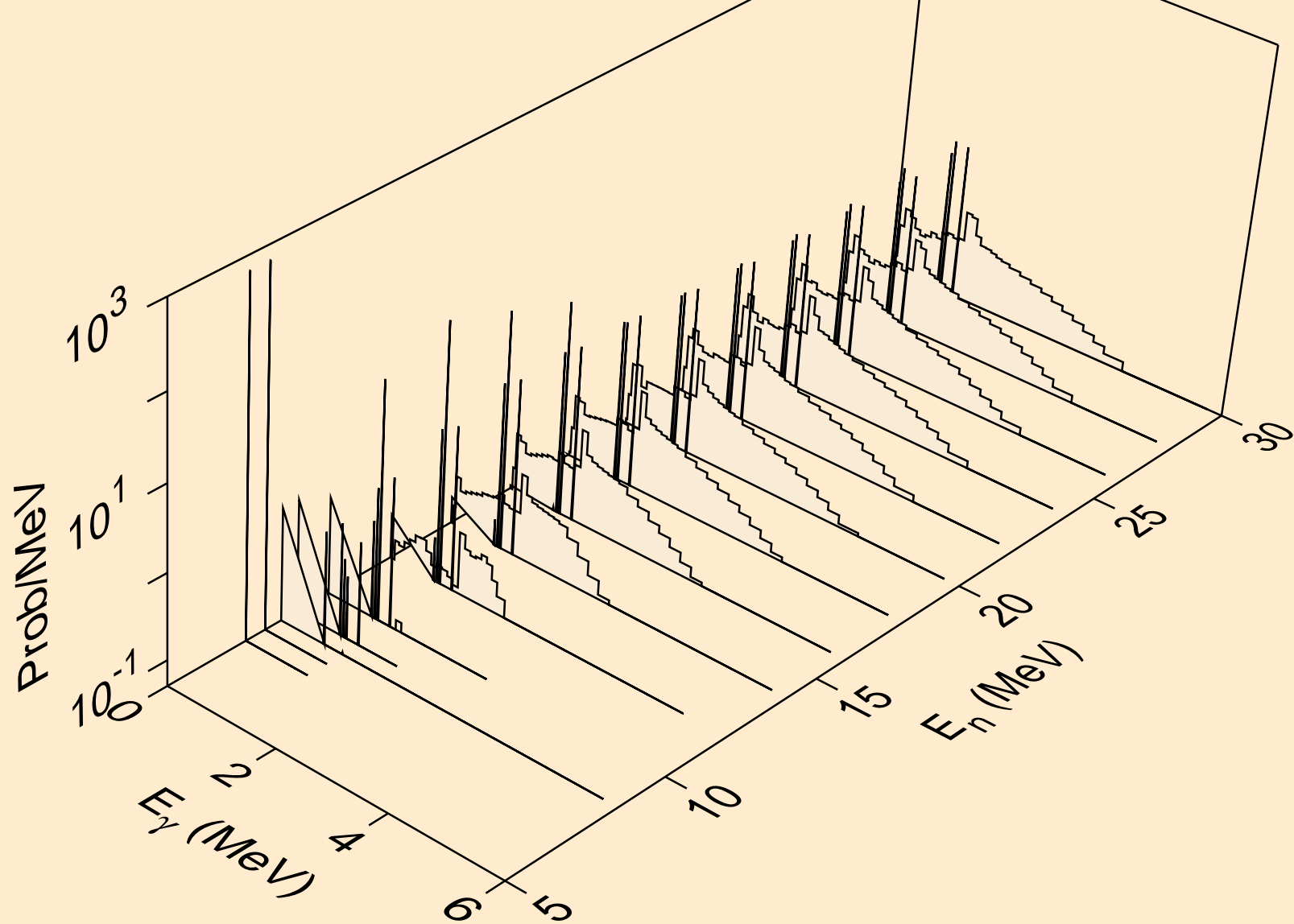
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Photon emission for (n,gma)



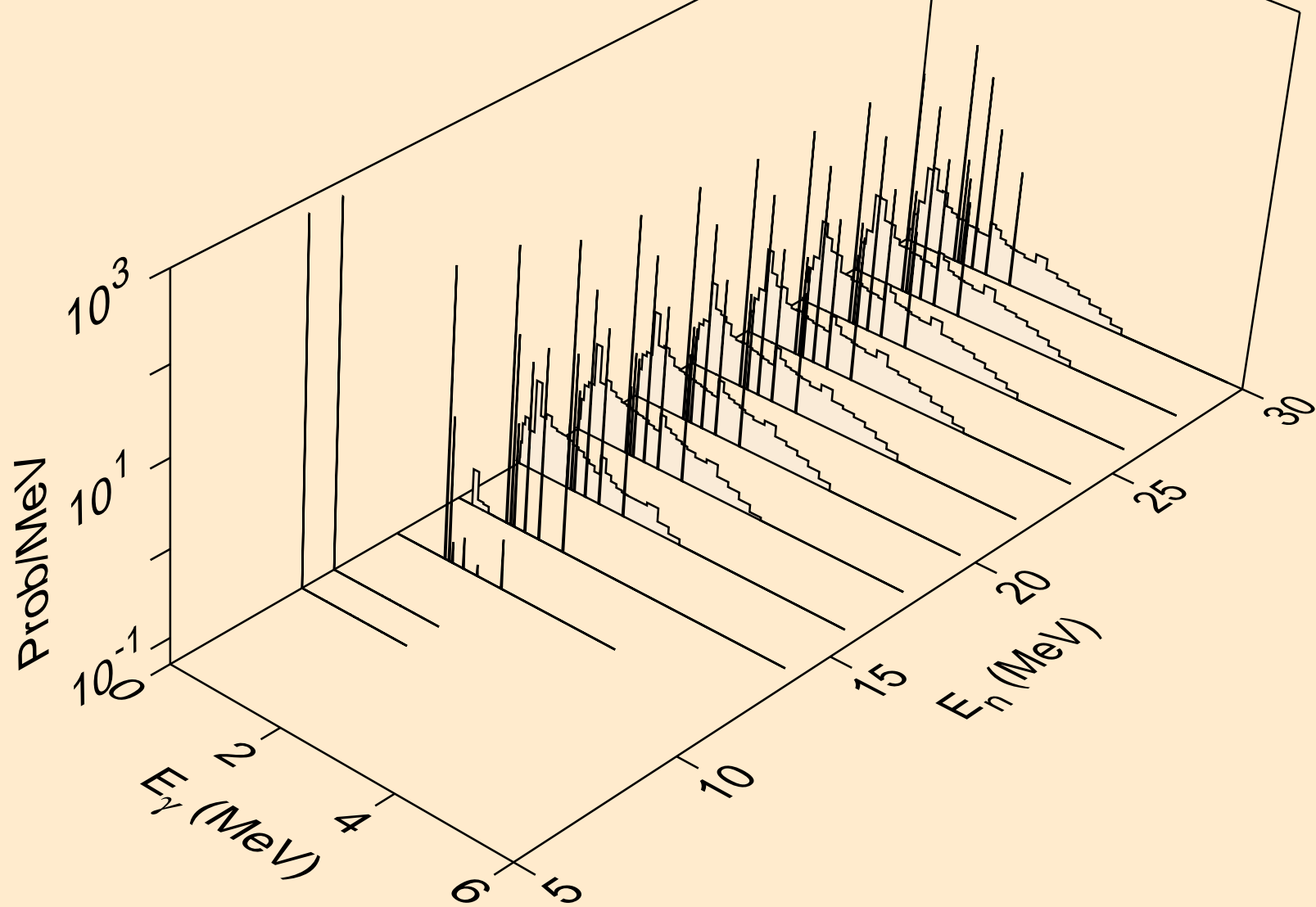
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

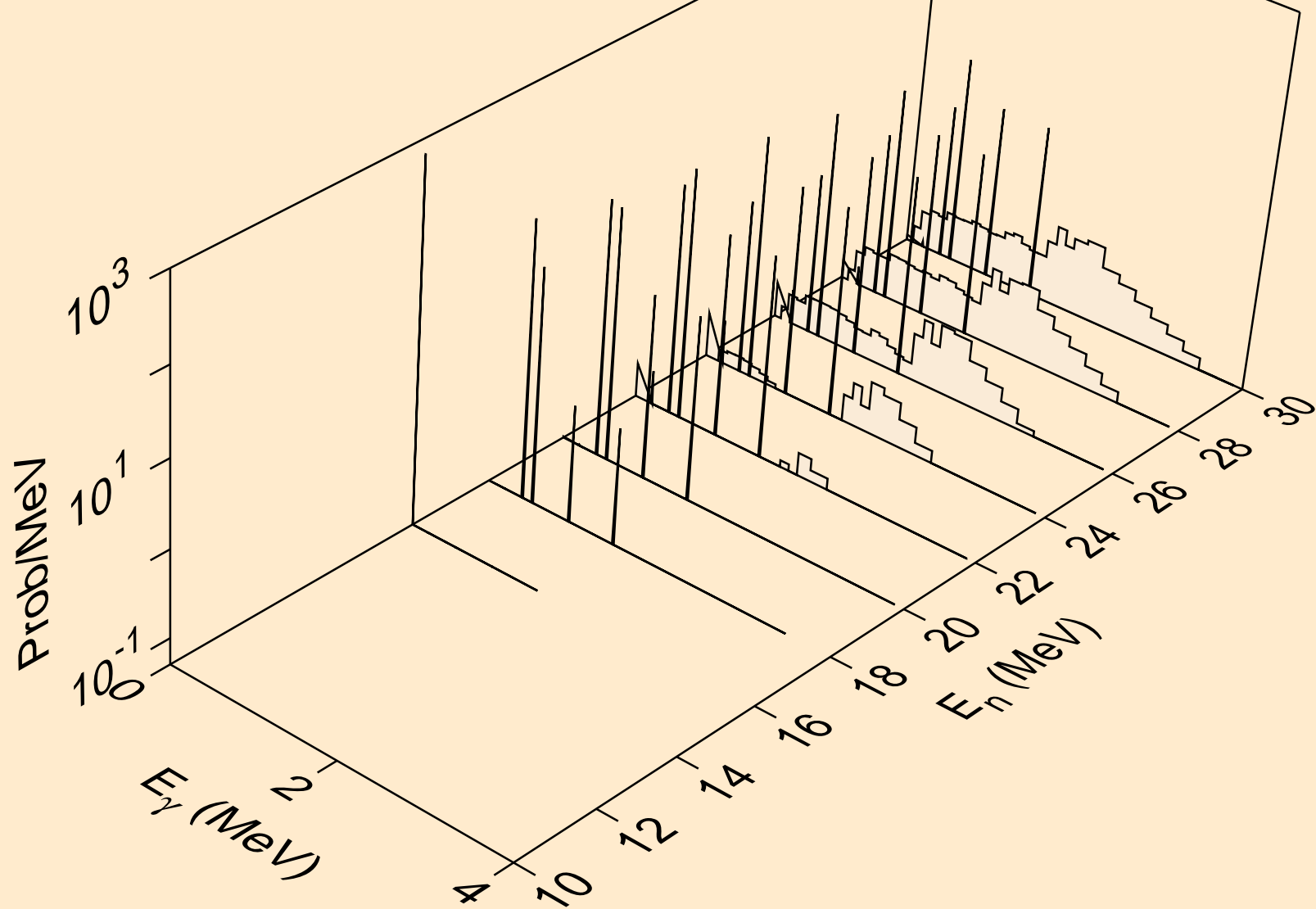


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Photon emission for (n,t)

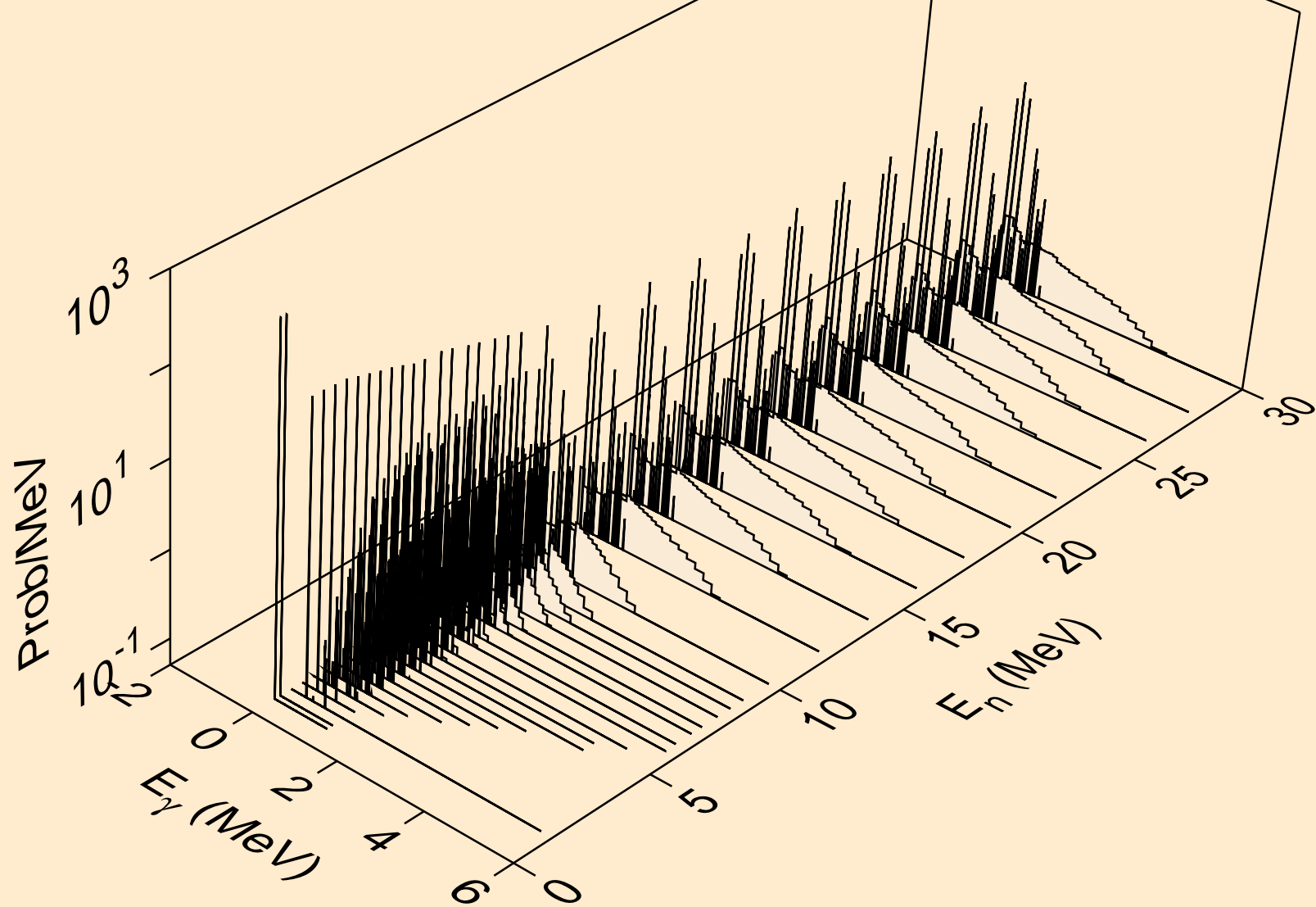




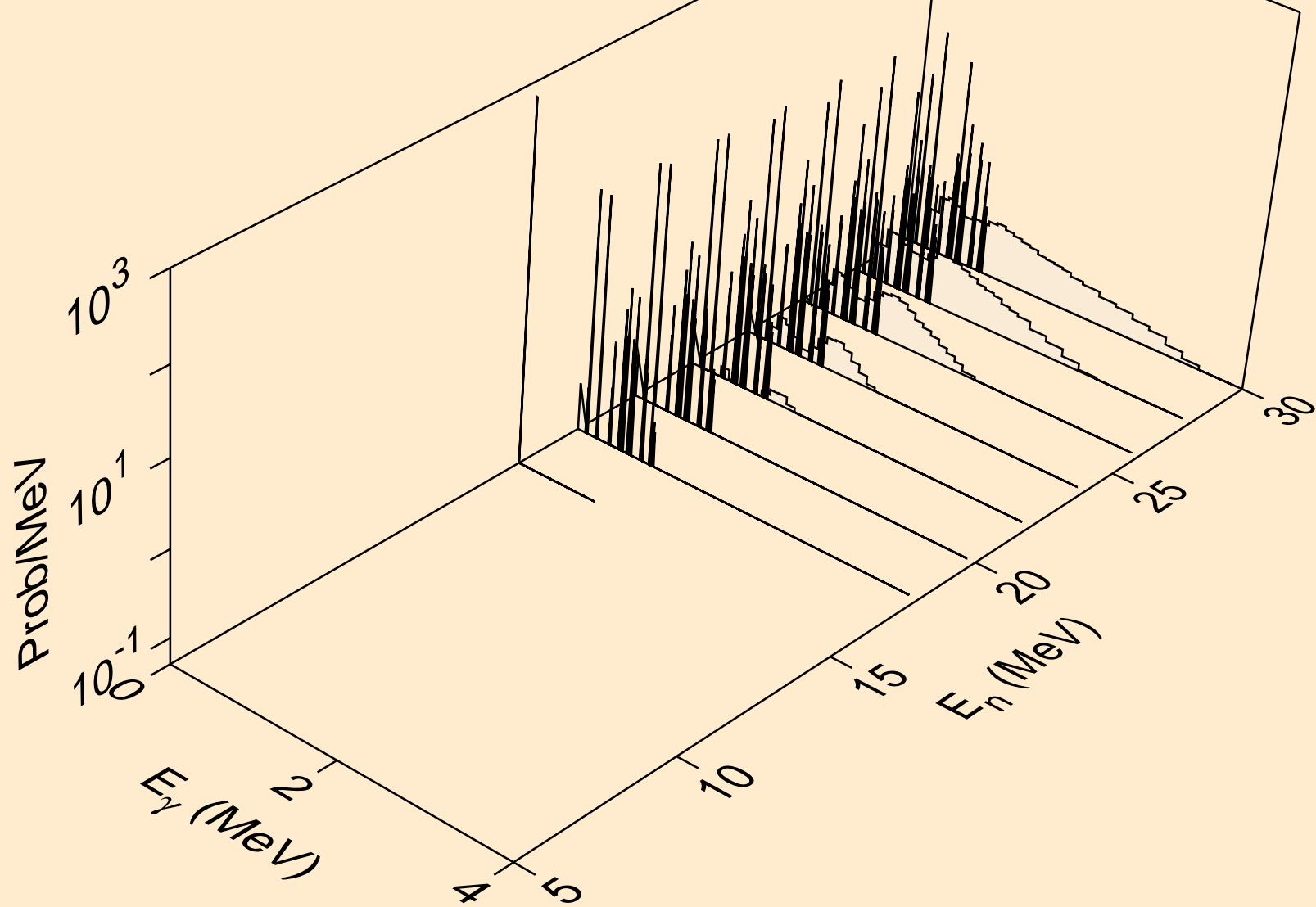
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Photon emission for (n,he3)



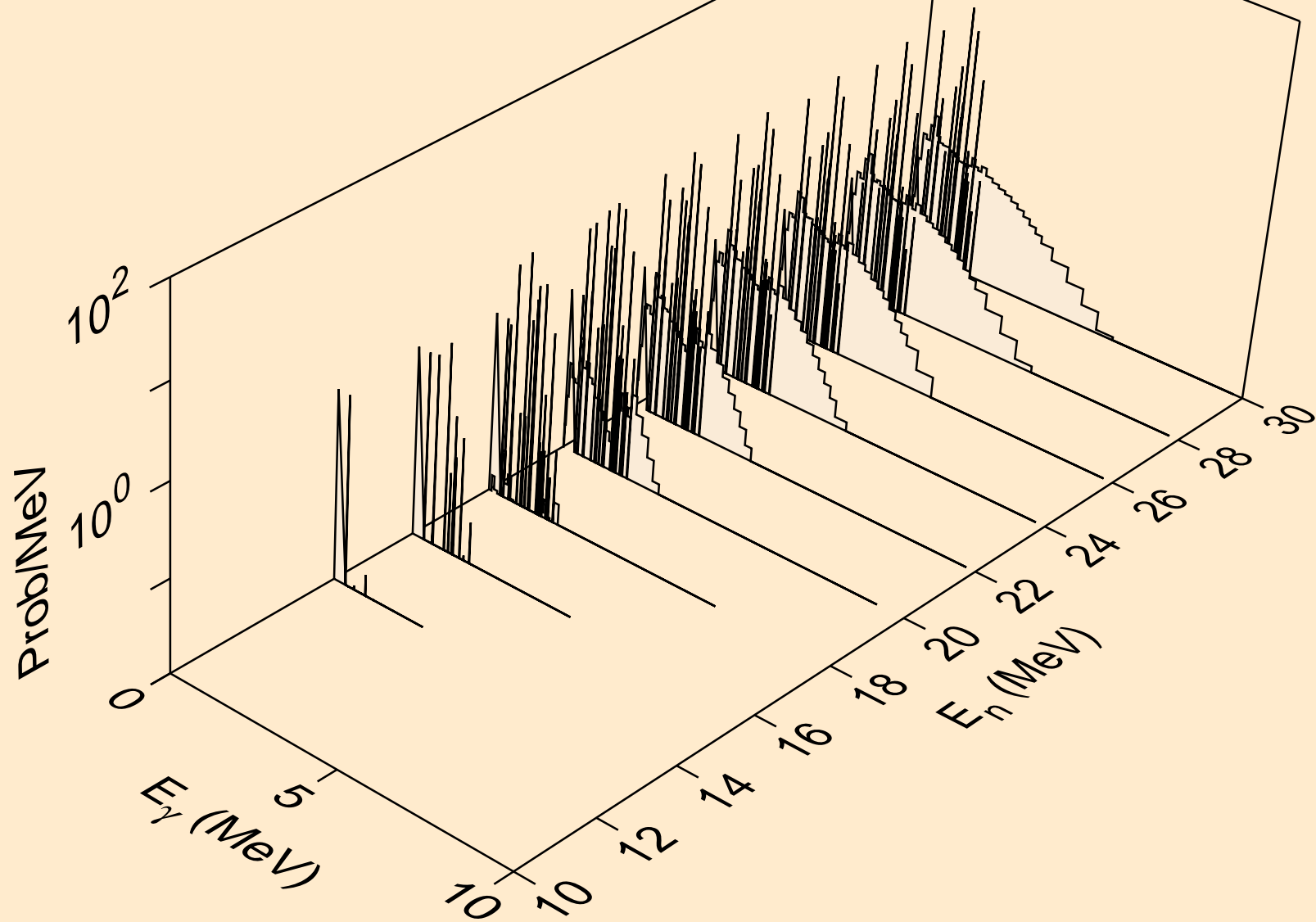
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Photon emission for (n,a)



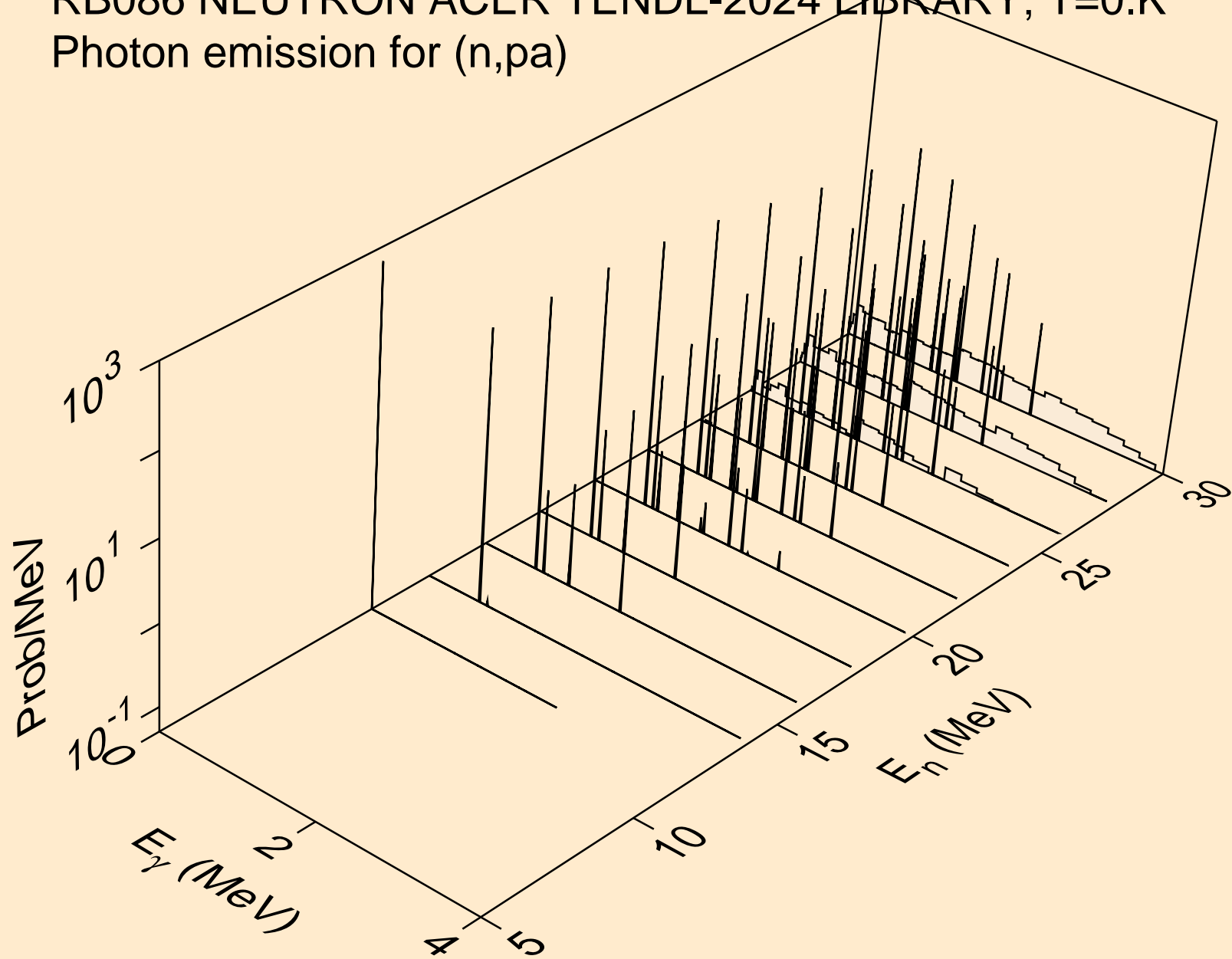
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Photon emission for (n,2a)



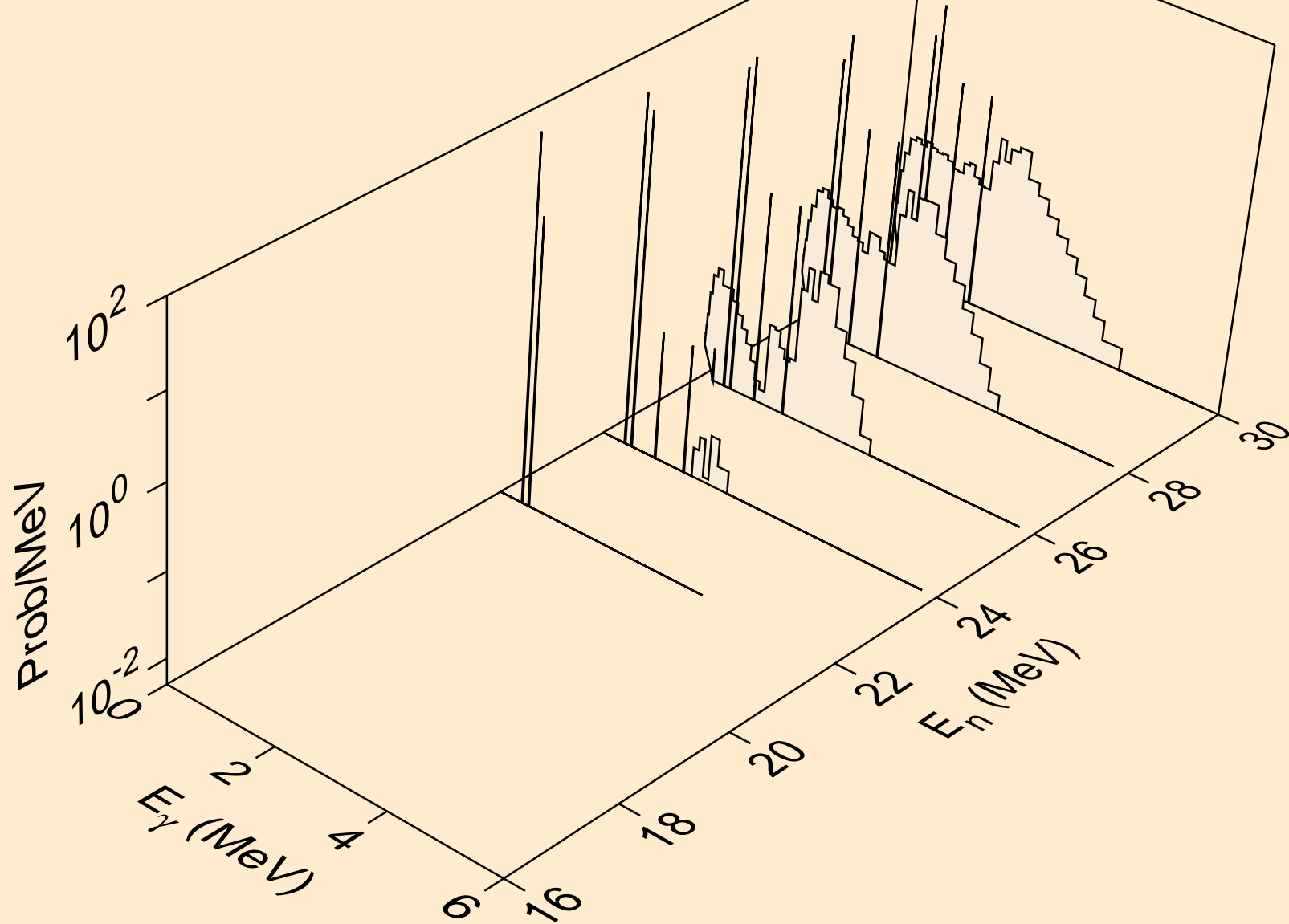
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Photon emission for (n,2p)



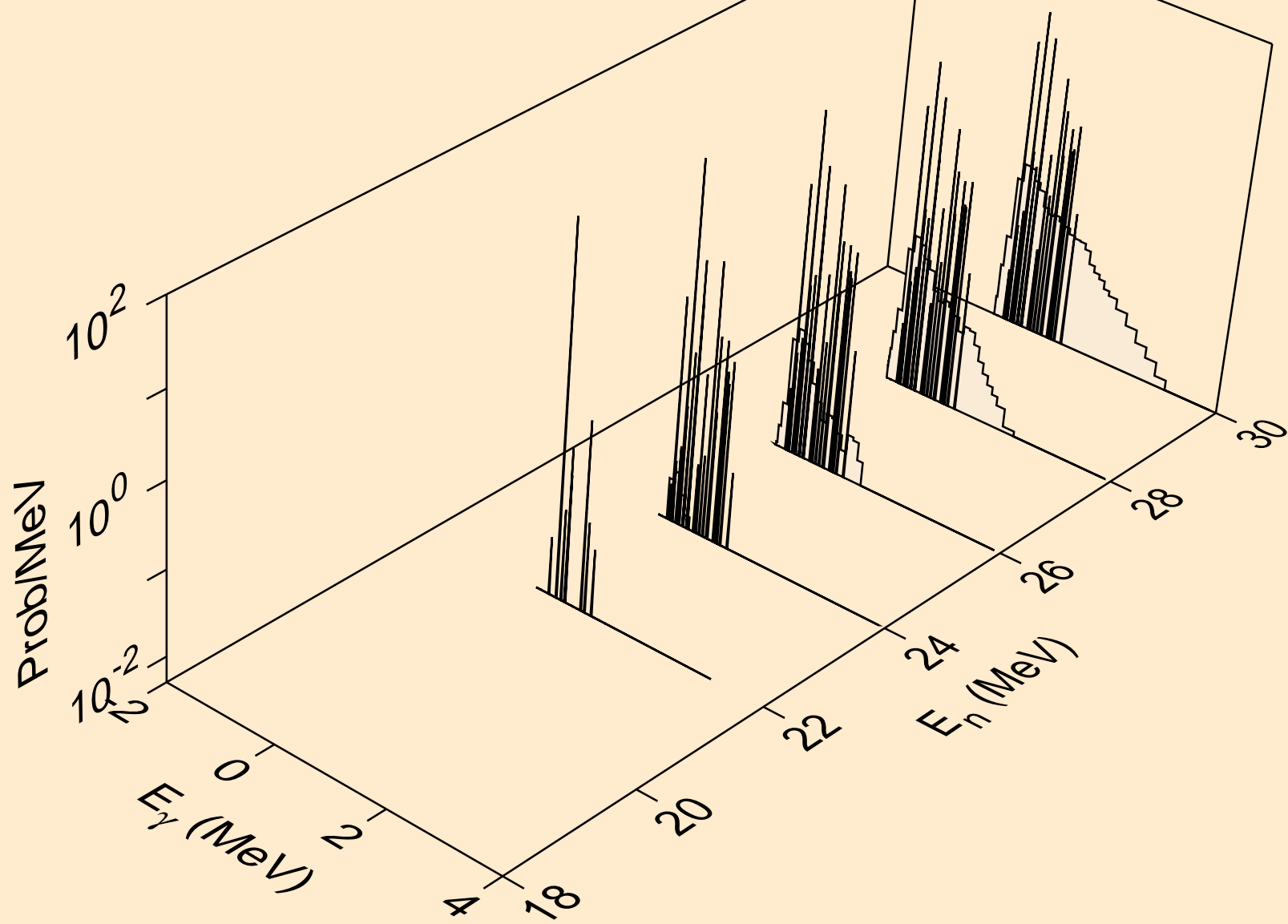
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Photon emission for (n,p $\alpha$ )



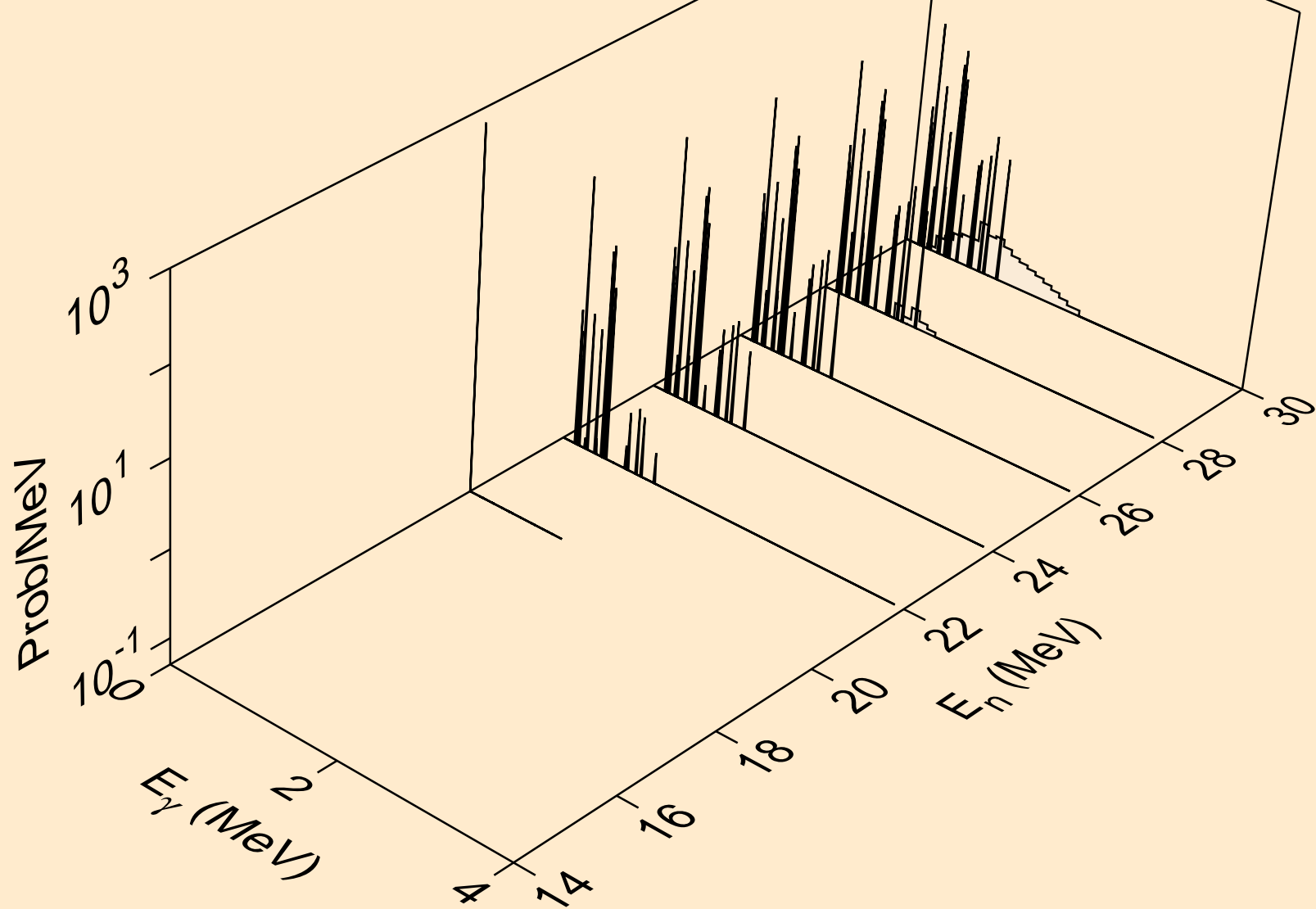
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

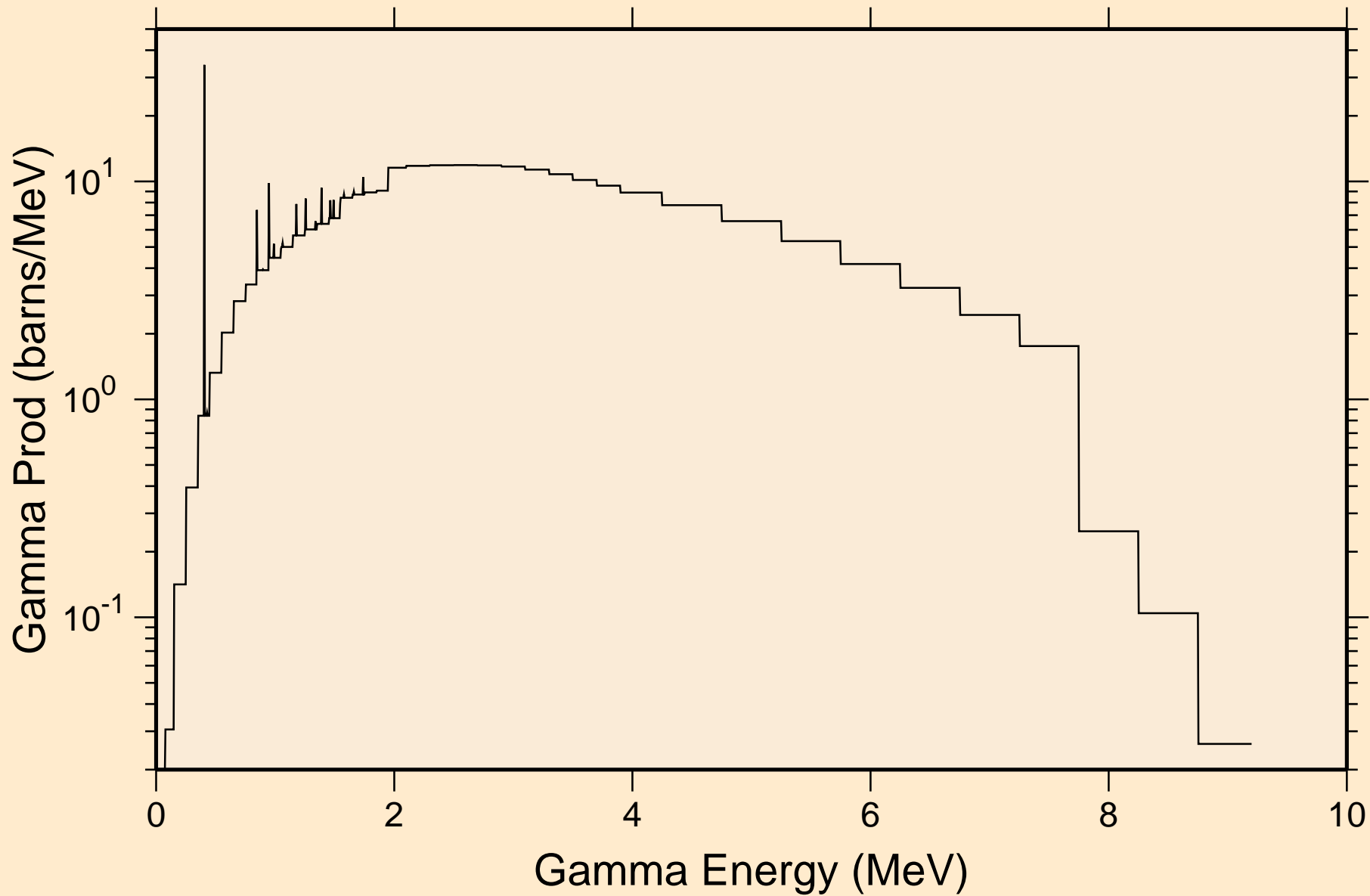


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

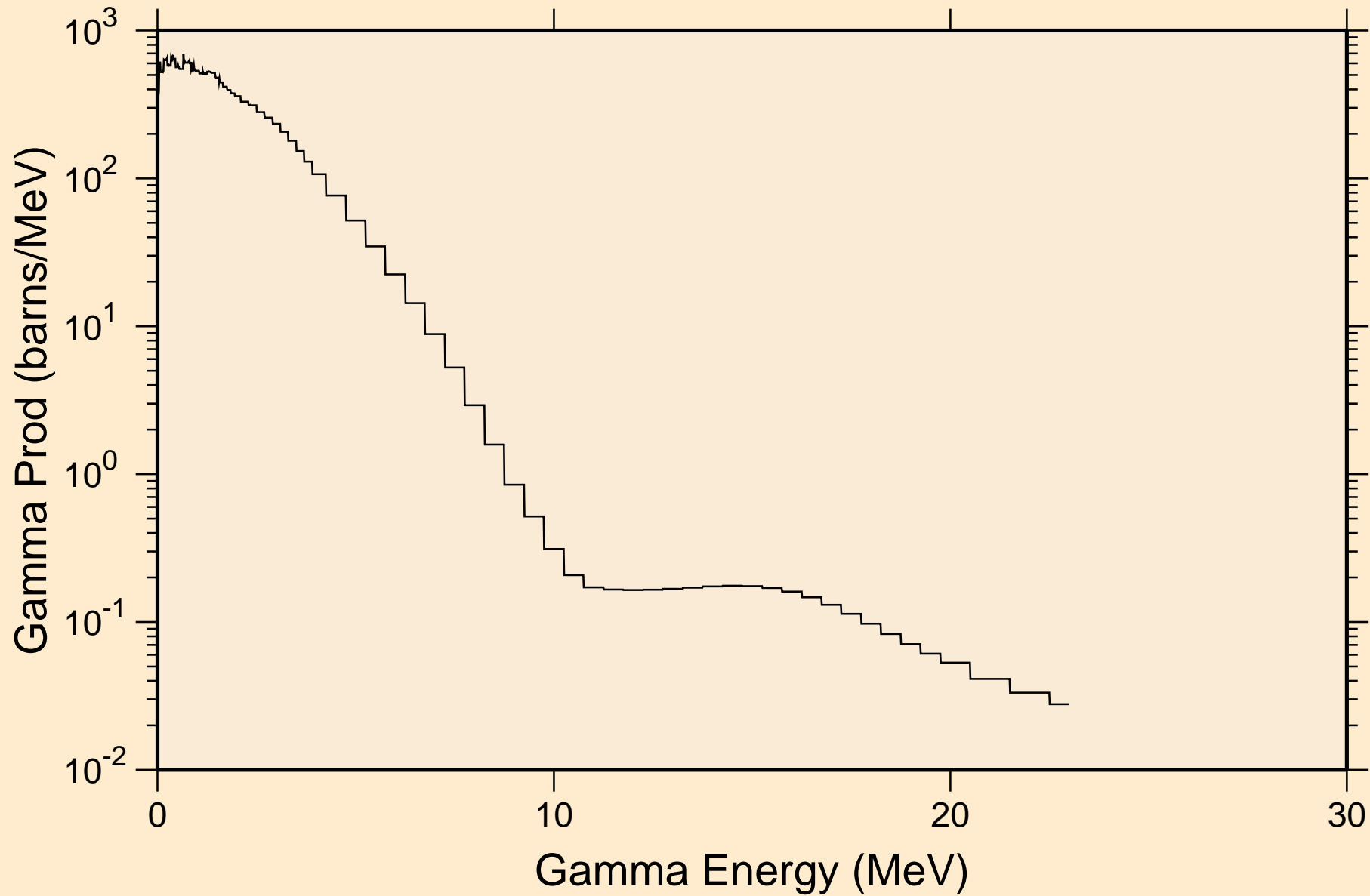




RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

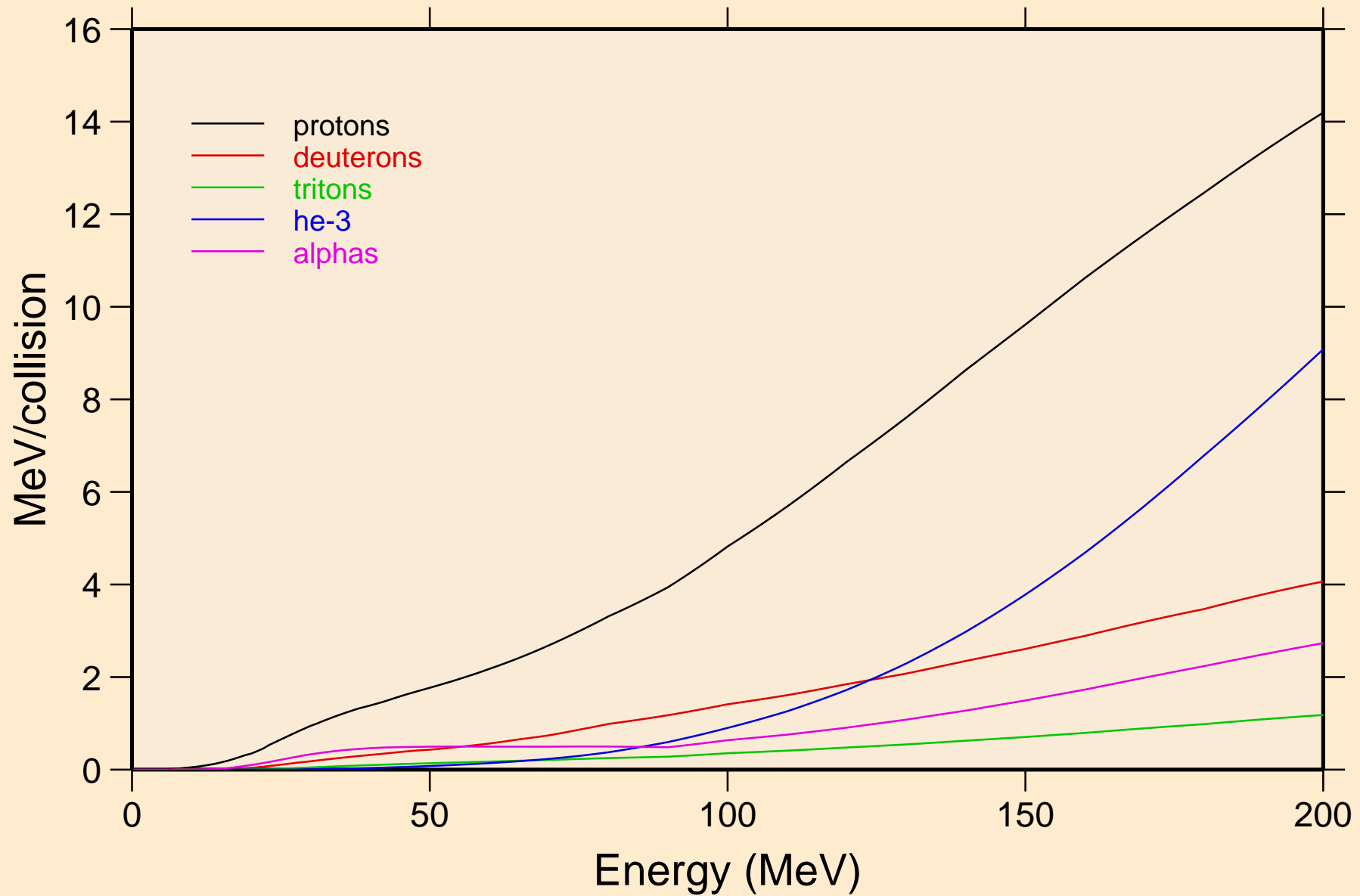


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

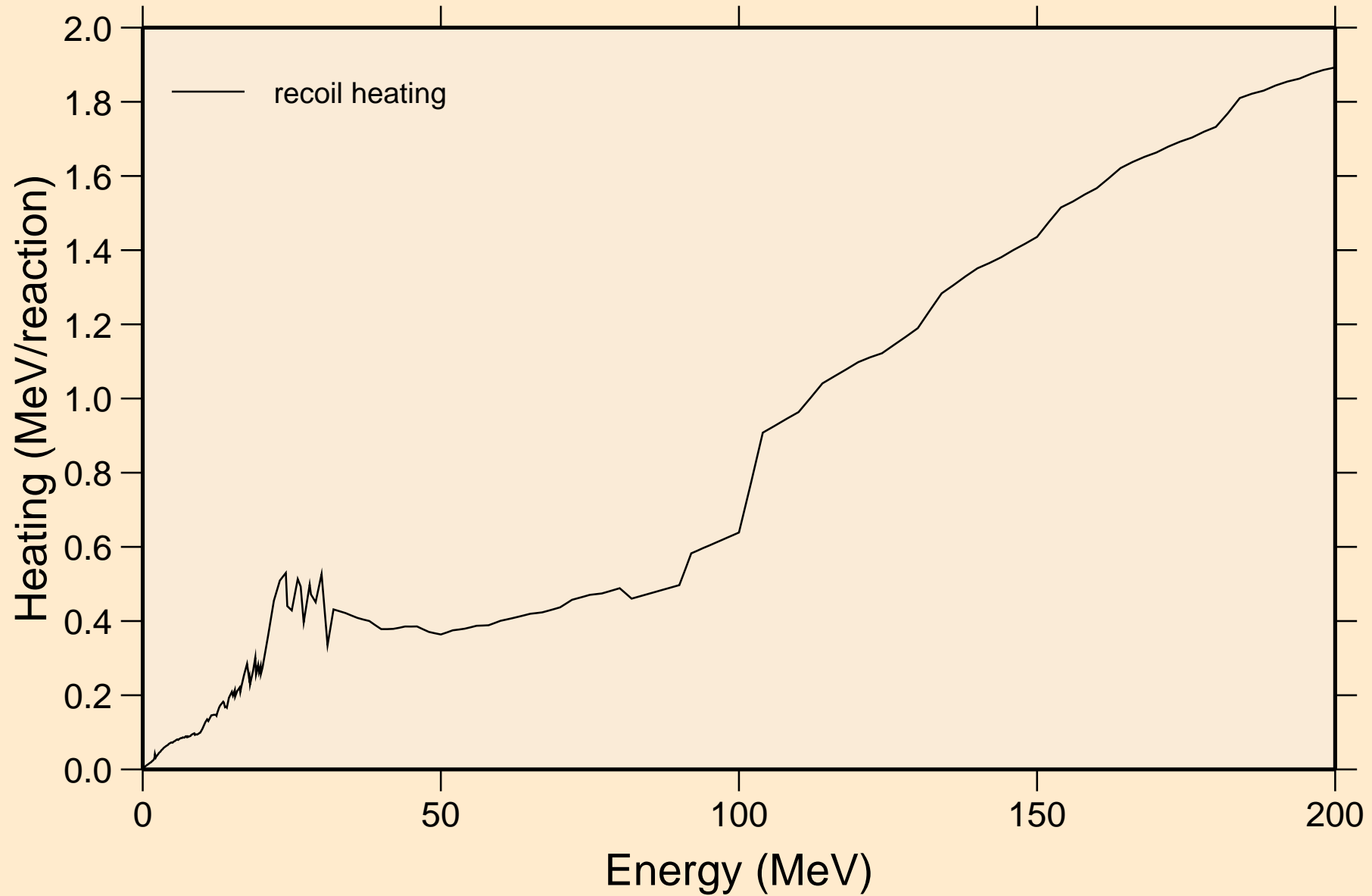


# RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

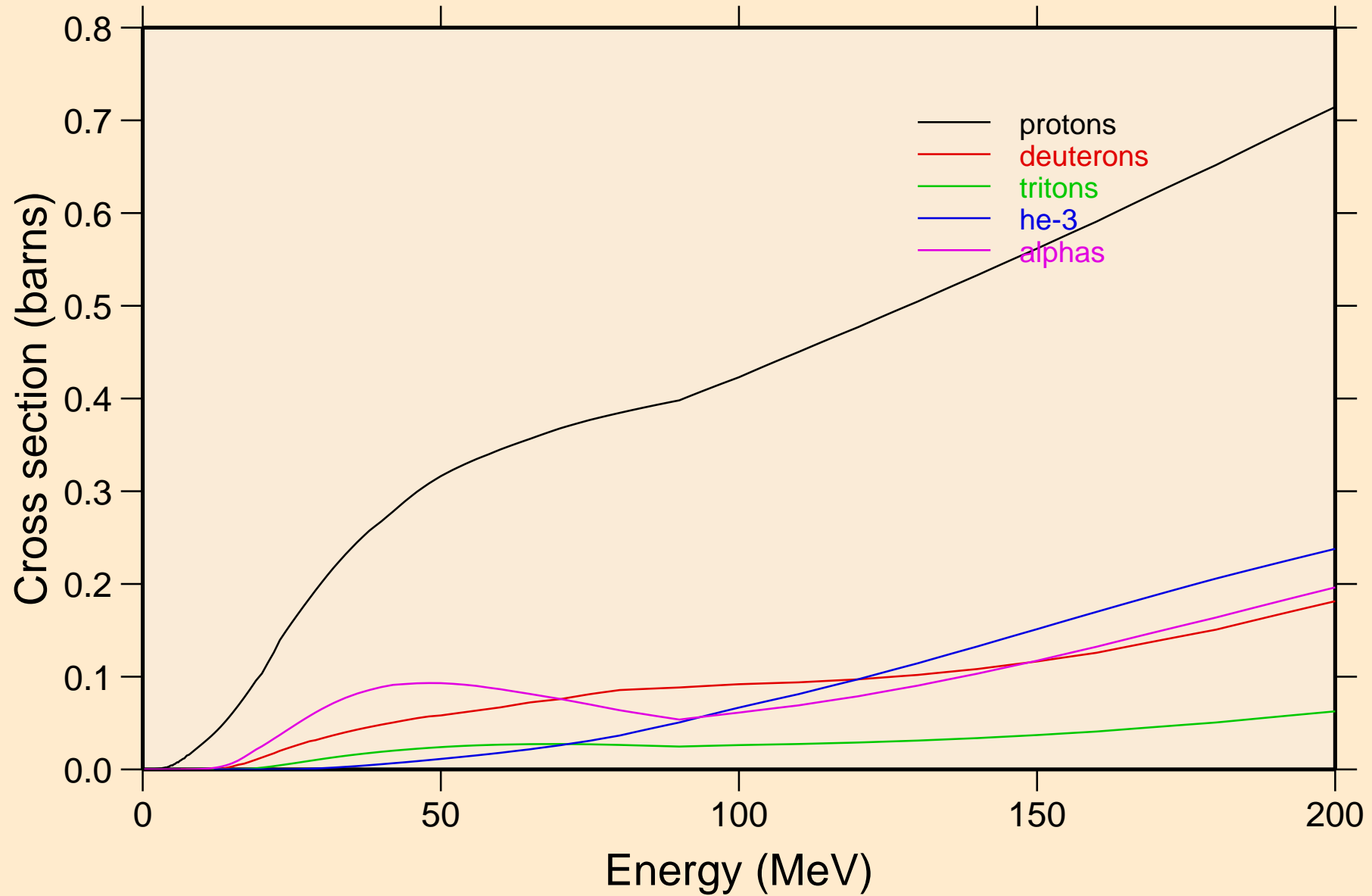
## Particle heating contributions



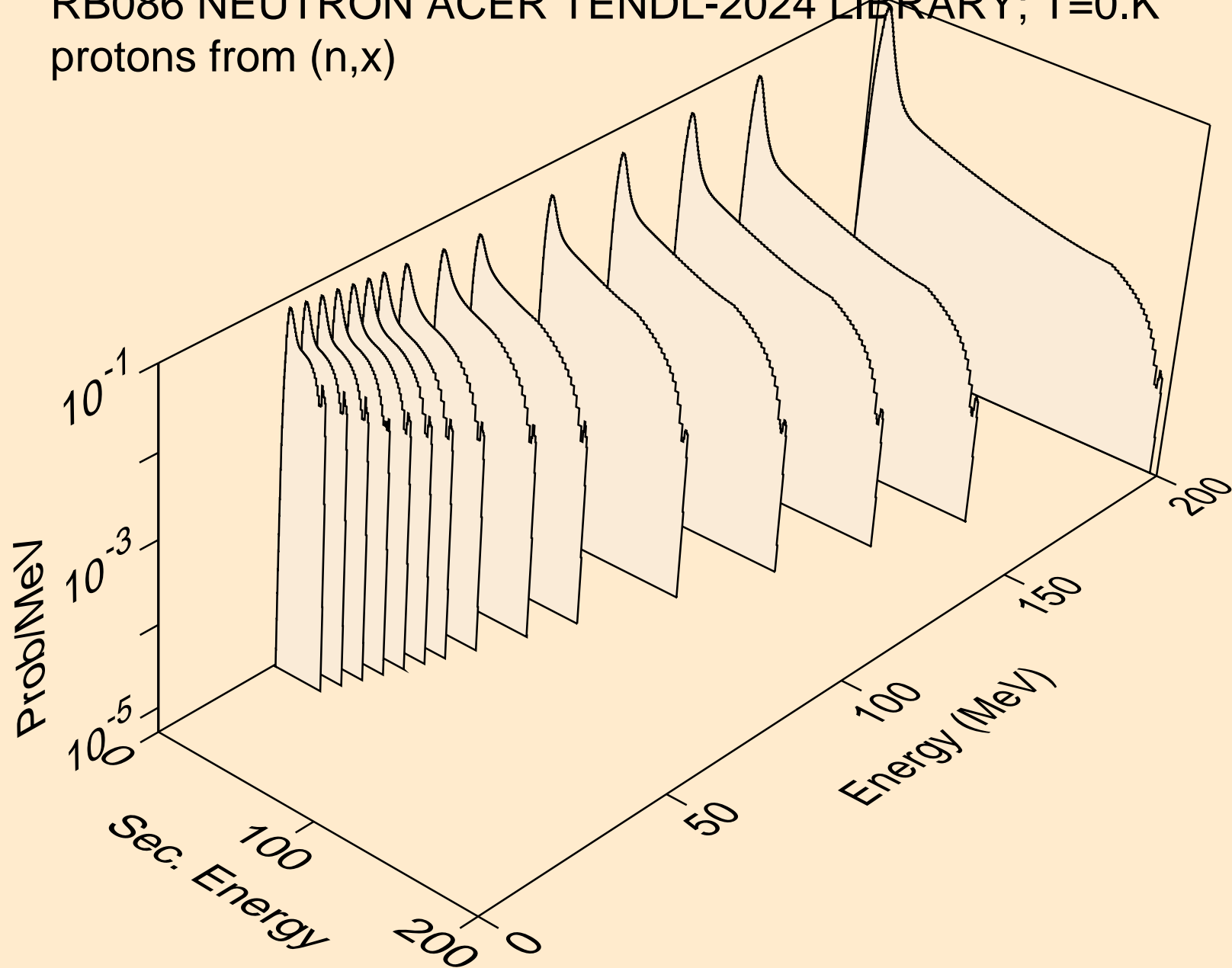
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Recoil Heating



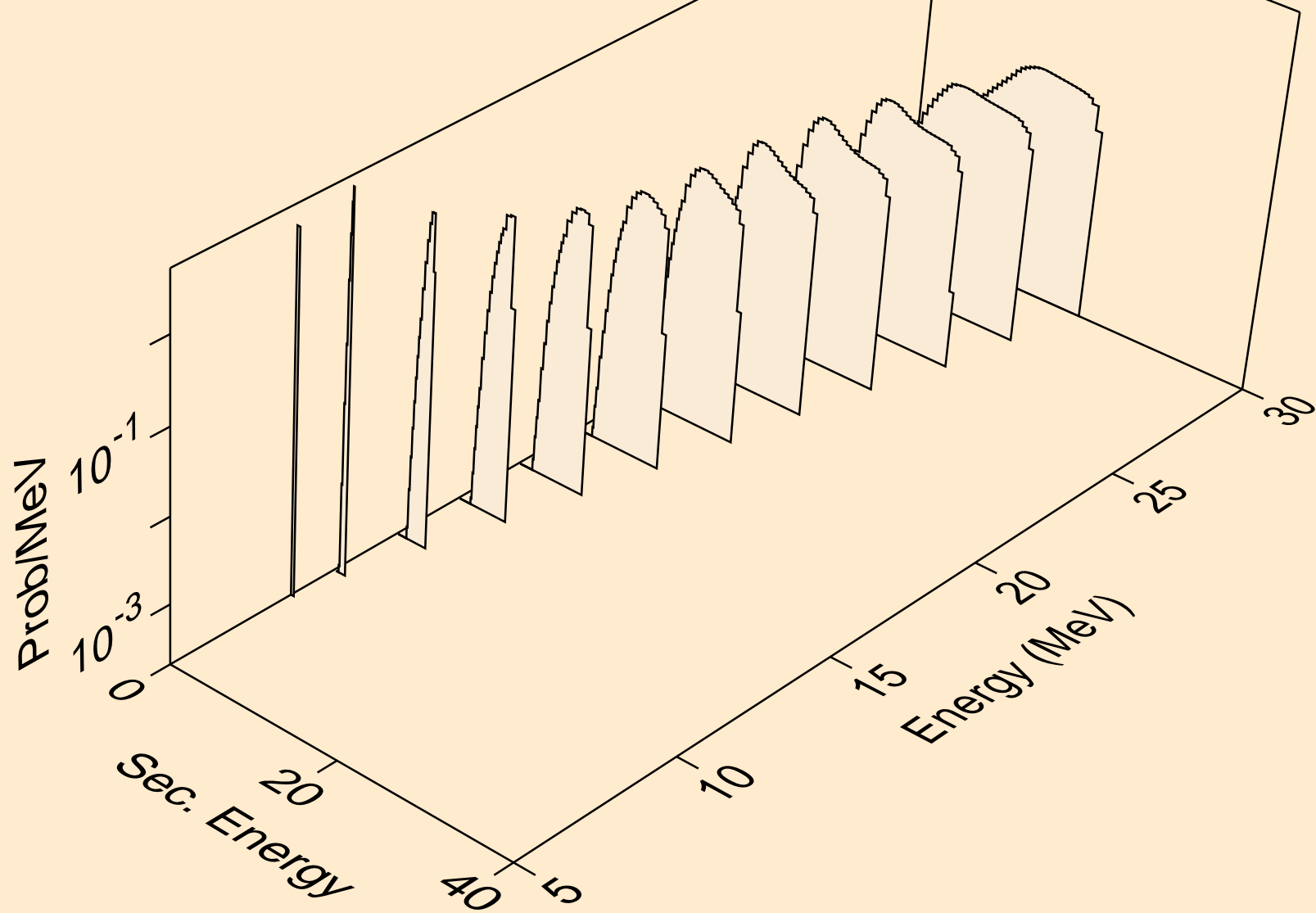
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Particle production cross sections



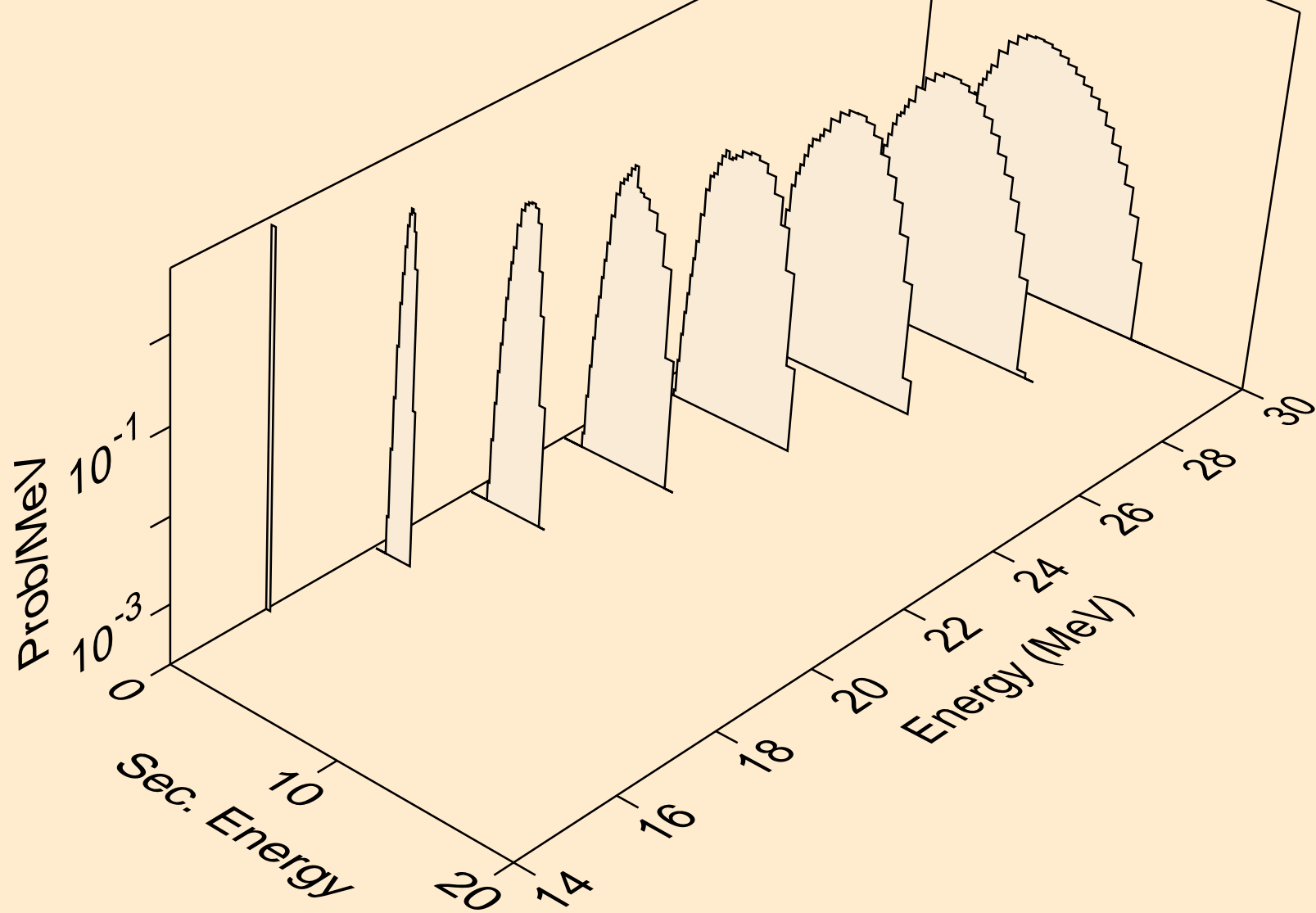
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

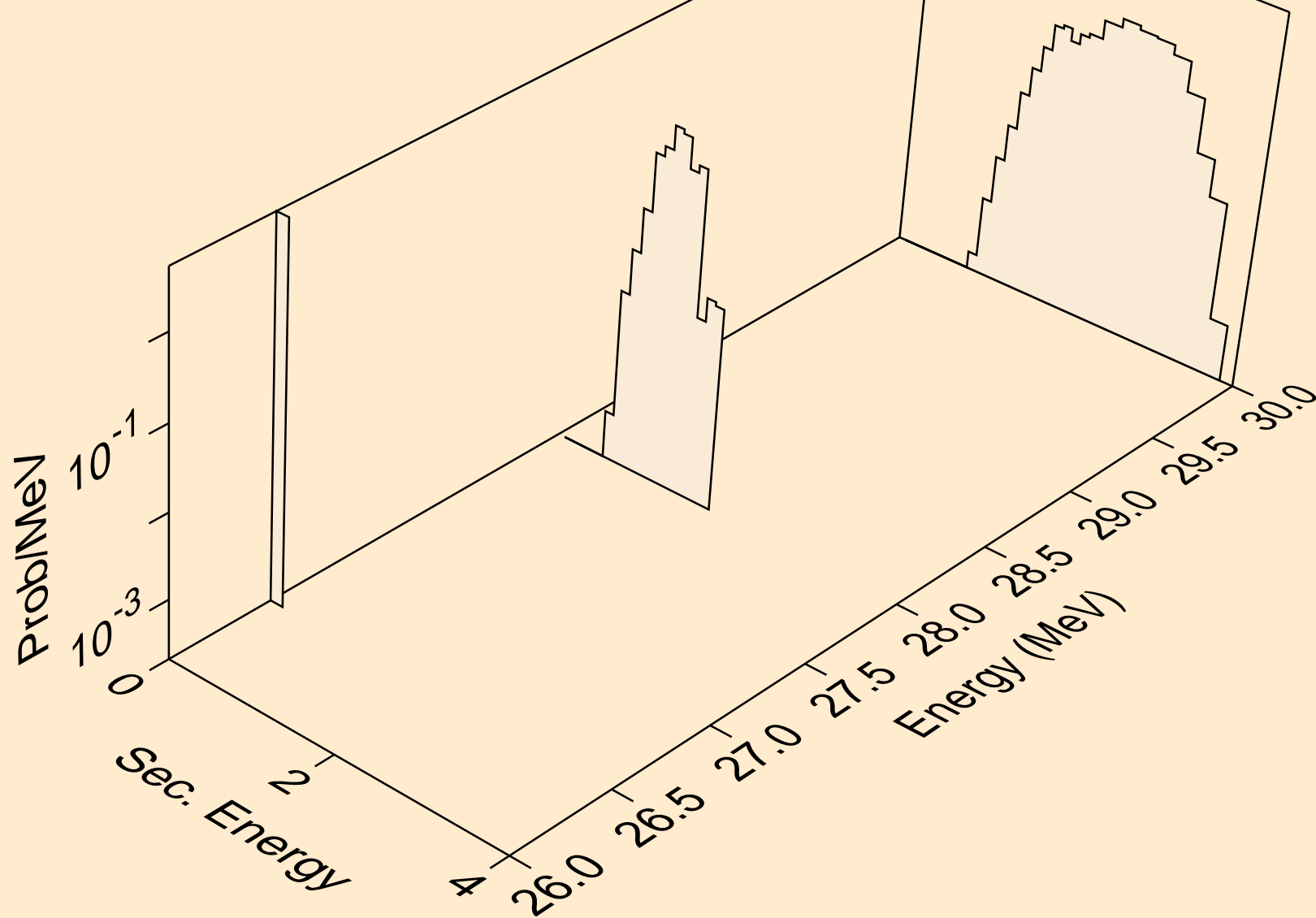


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protons from (n,2np)

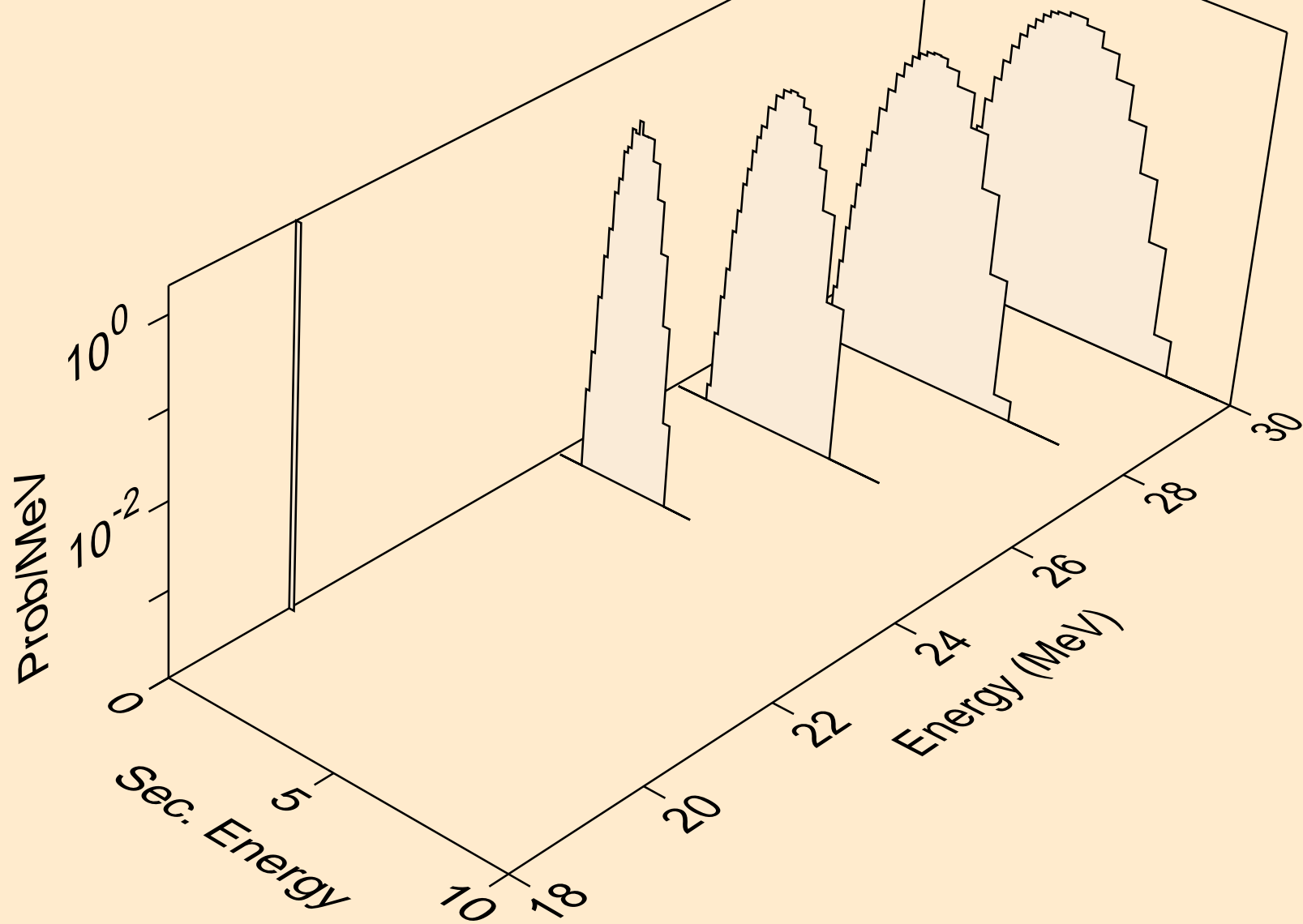




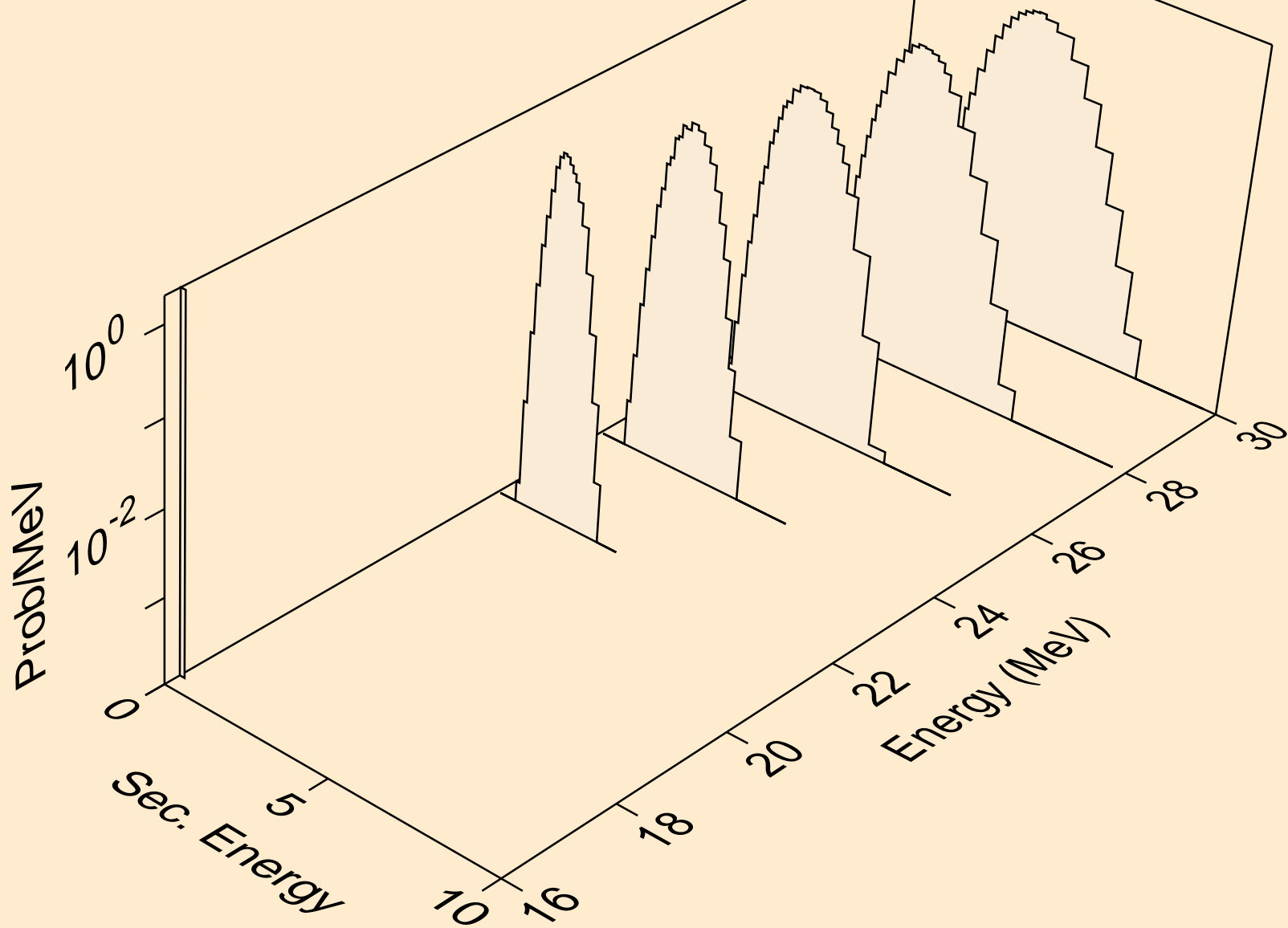
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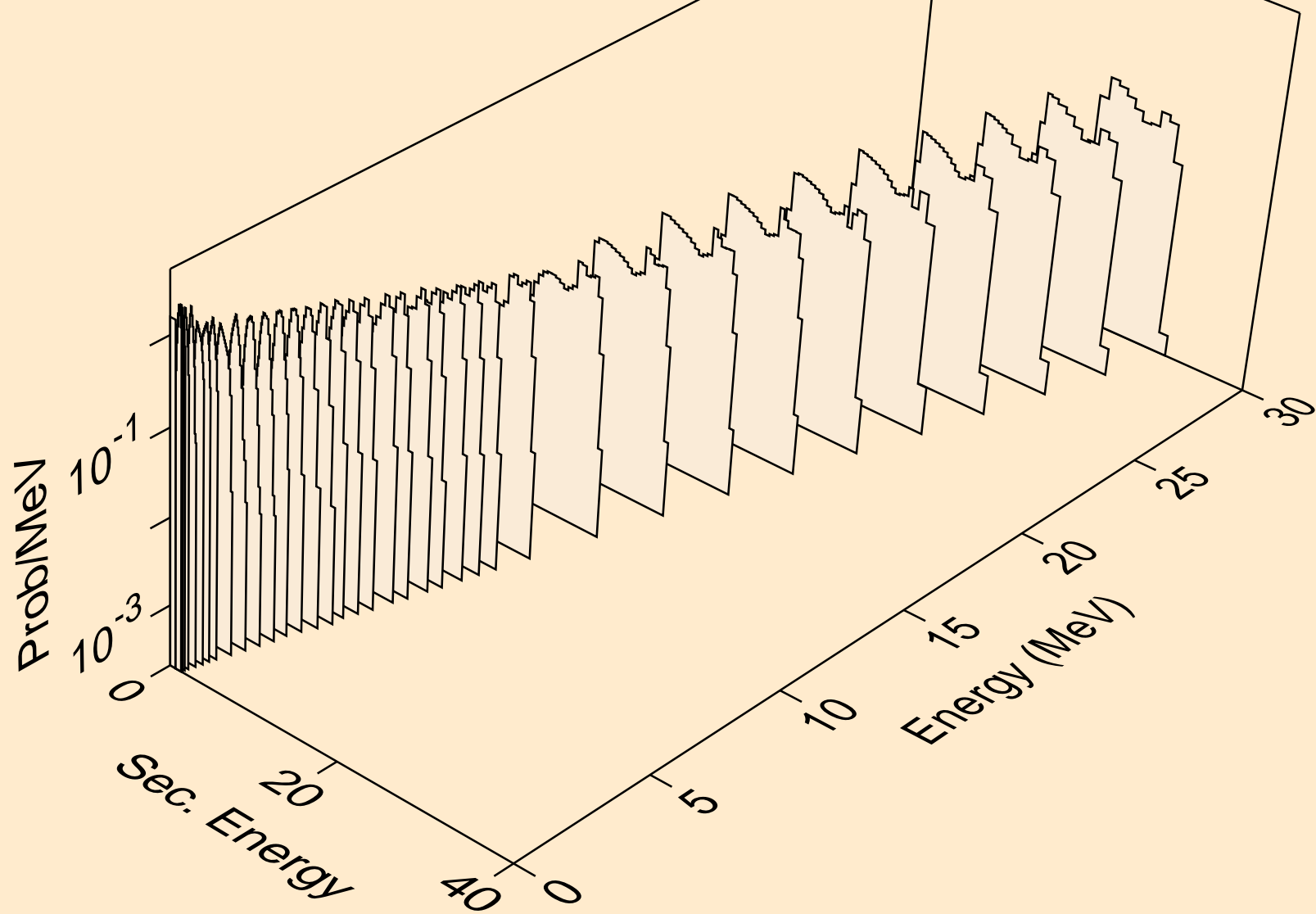
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protons from (n,n2p)



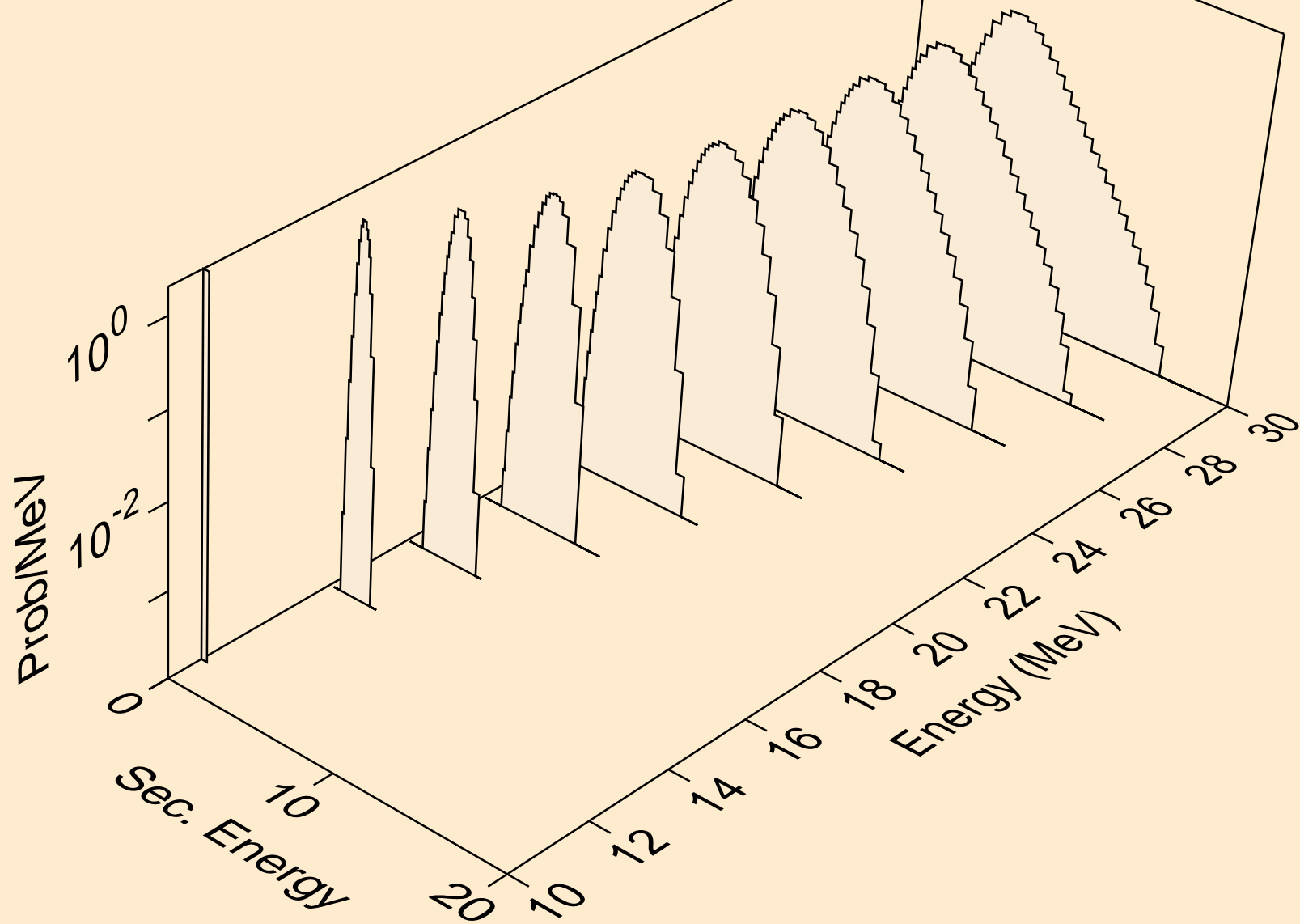
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protons from (n,npa)



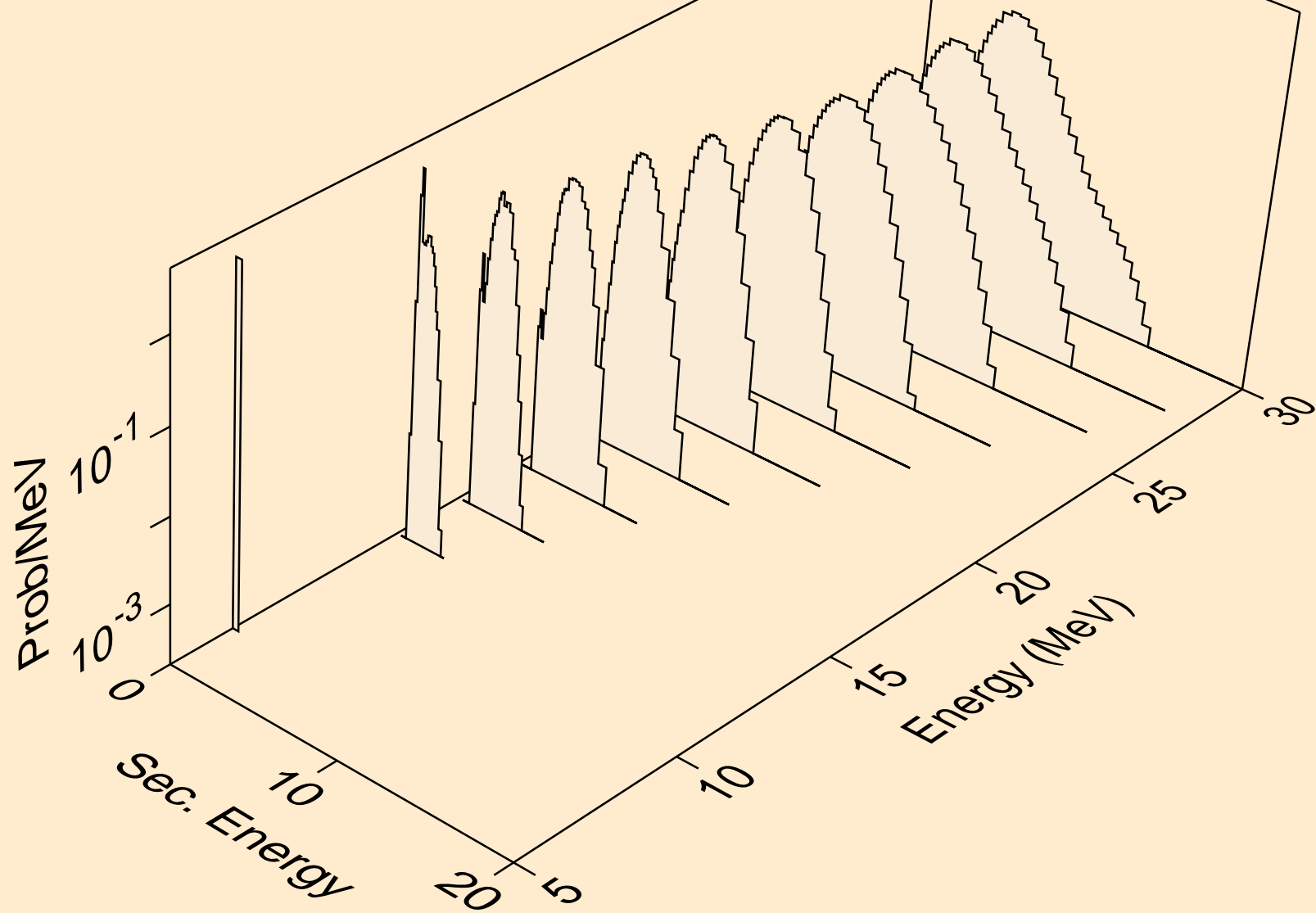
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protons from (n,p)



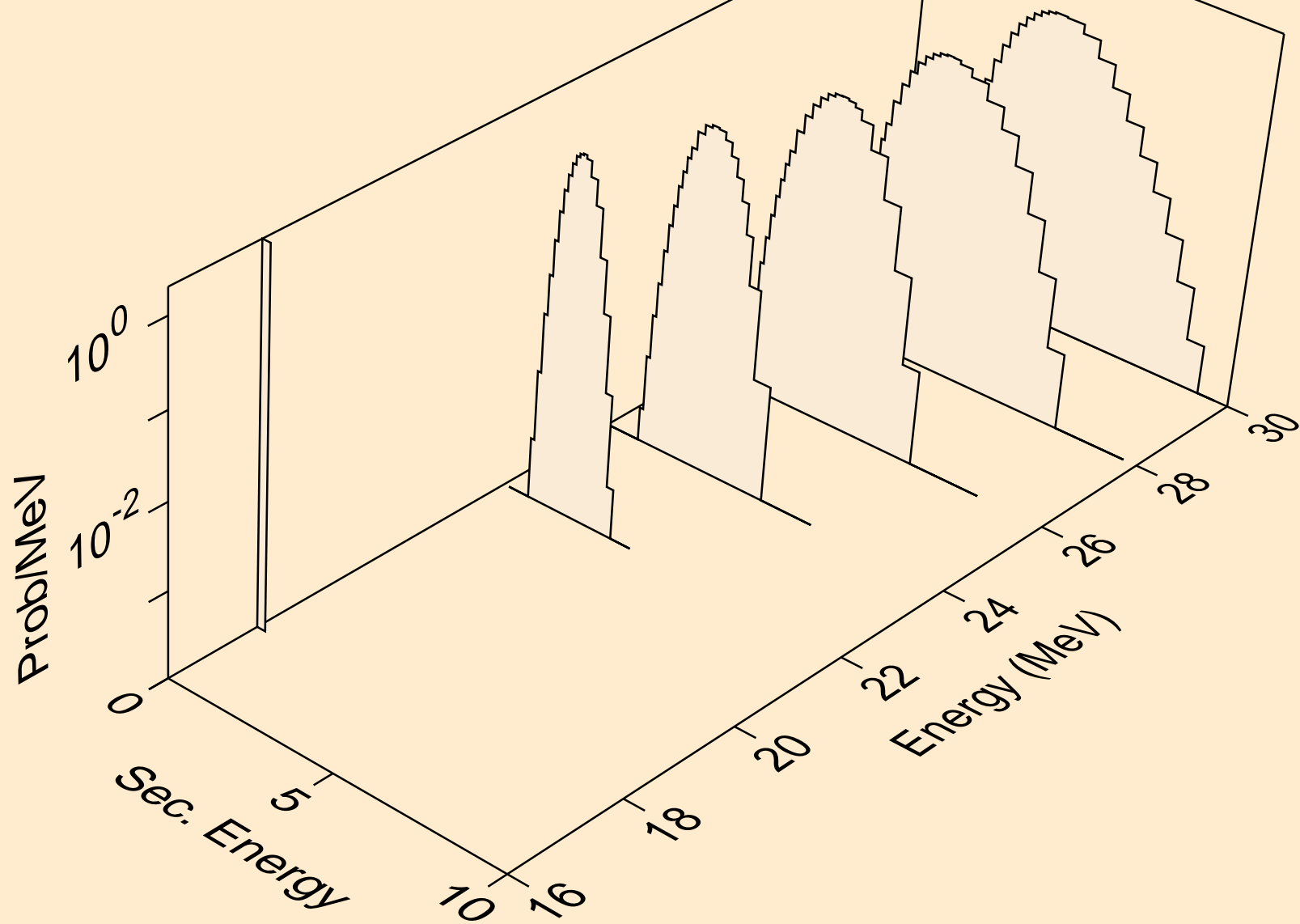
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protons from (n,2p)



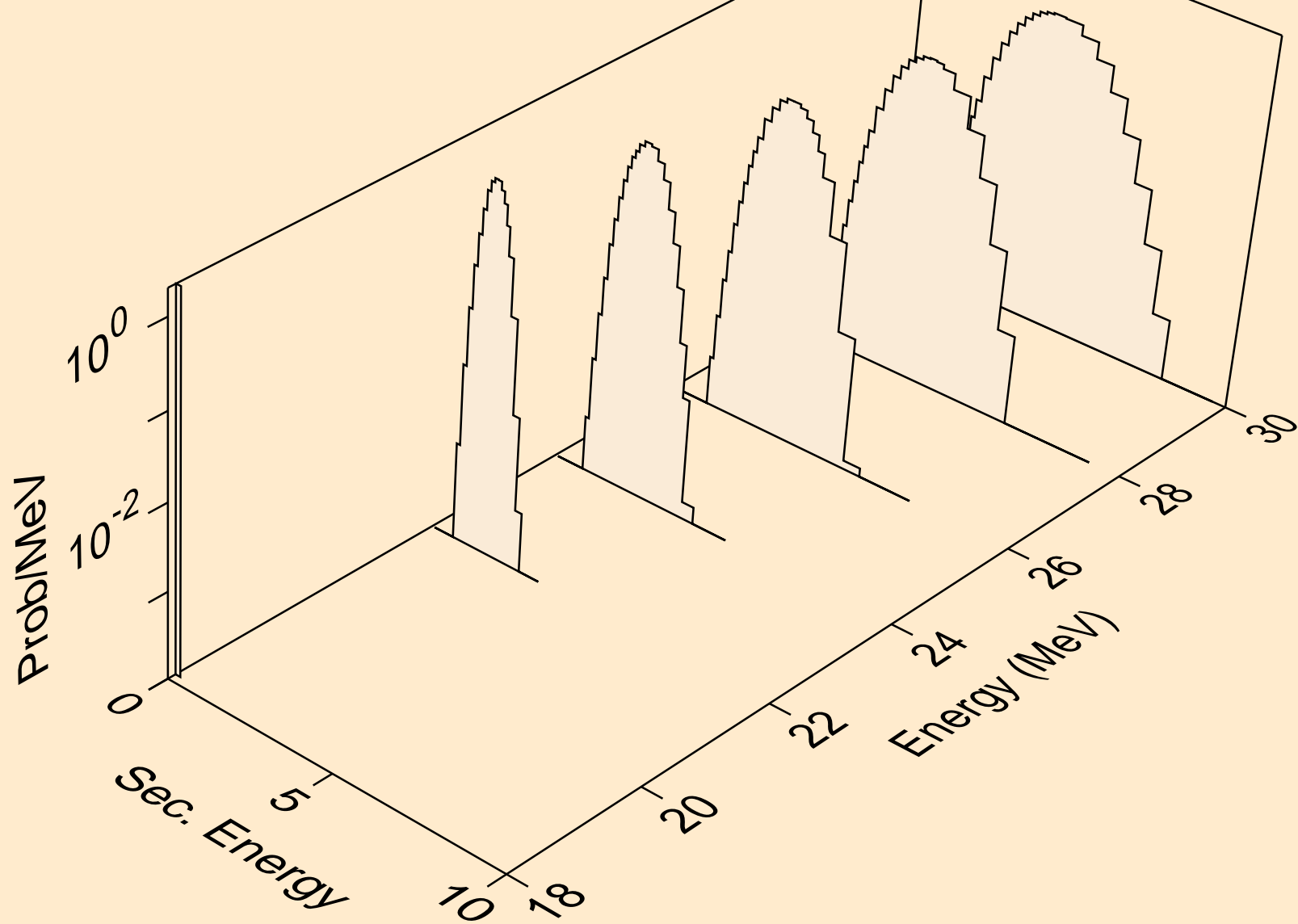
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protons from (n,p)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

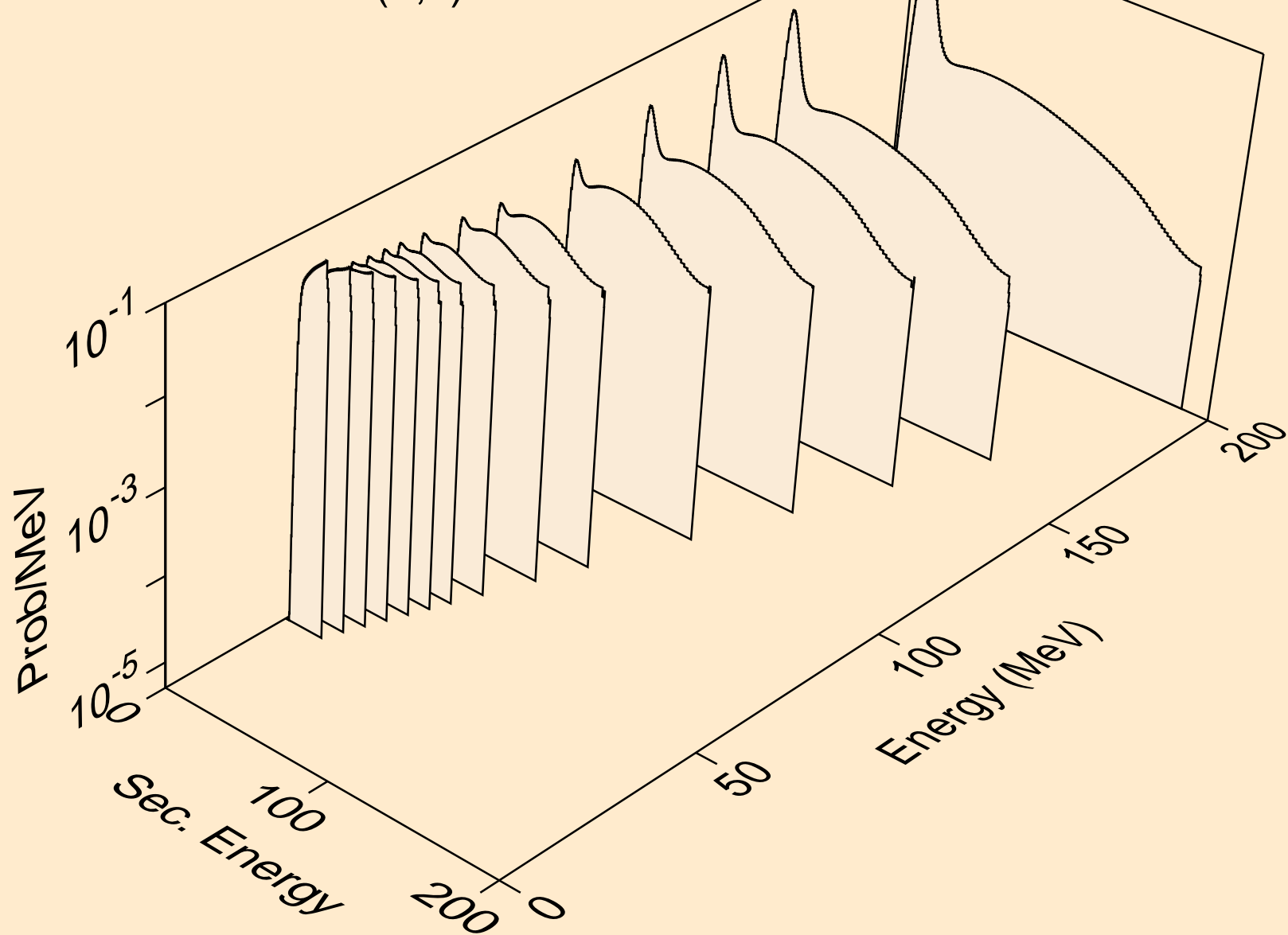


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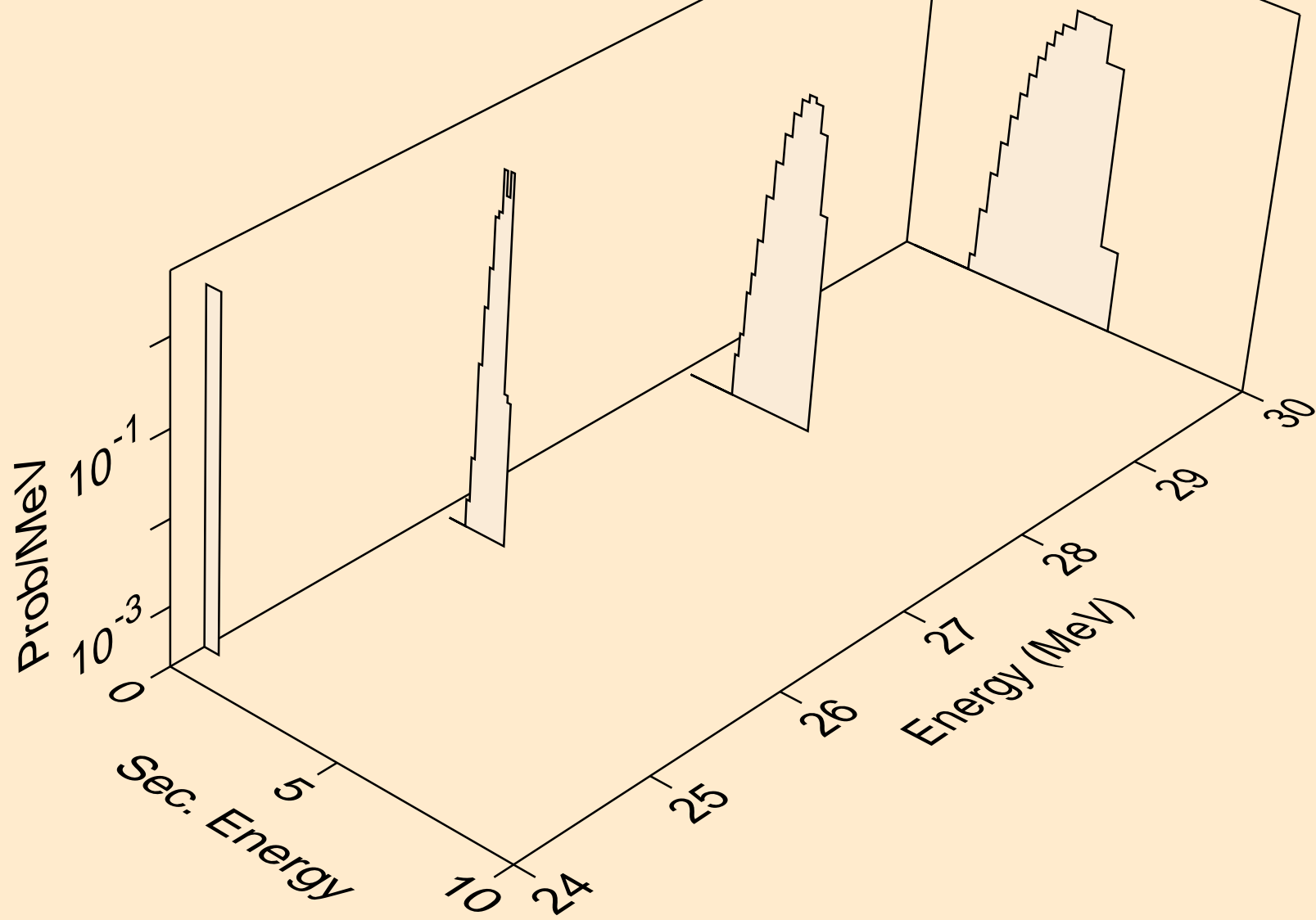




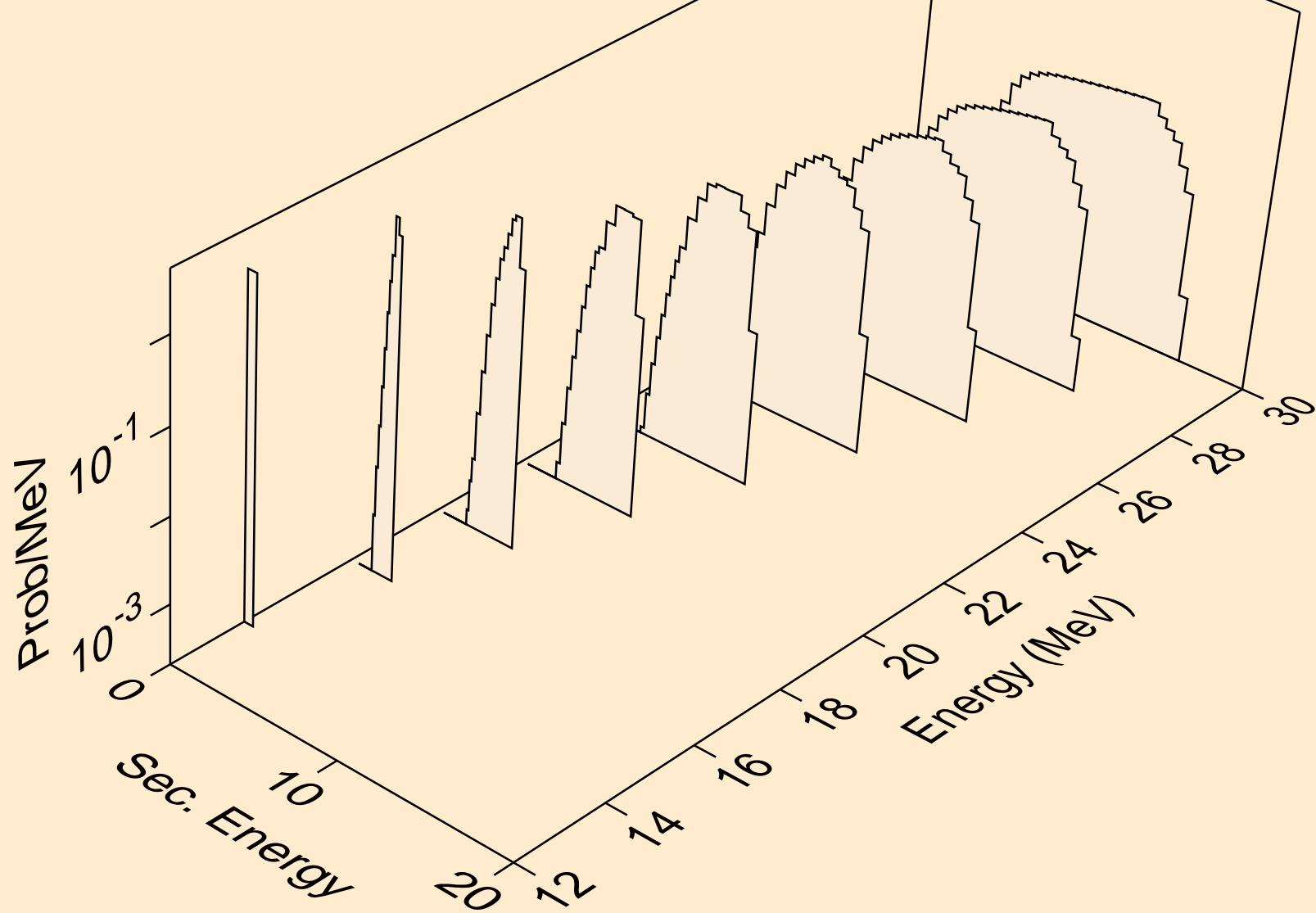
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deuterons from (n,x)



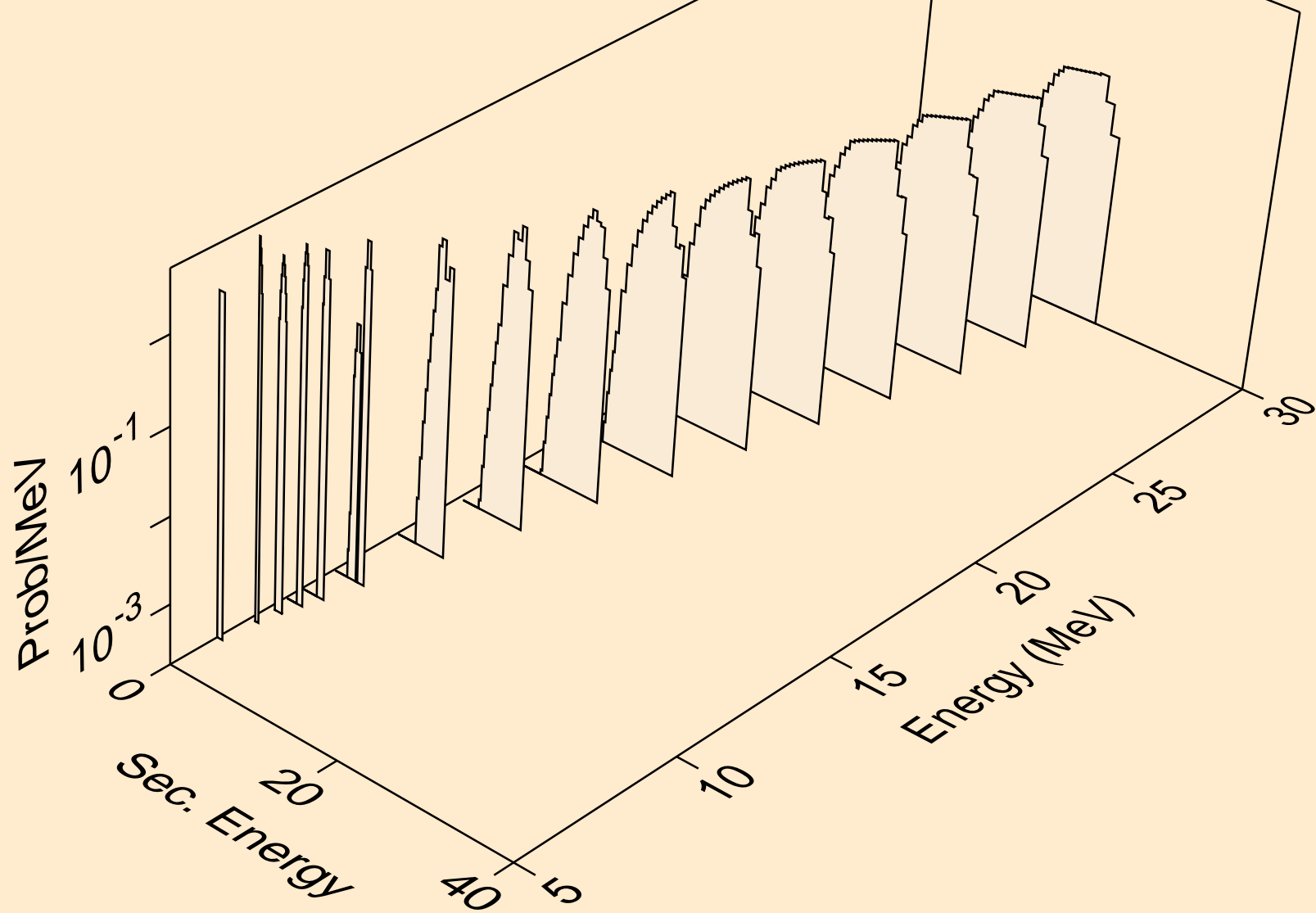
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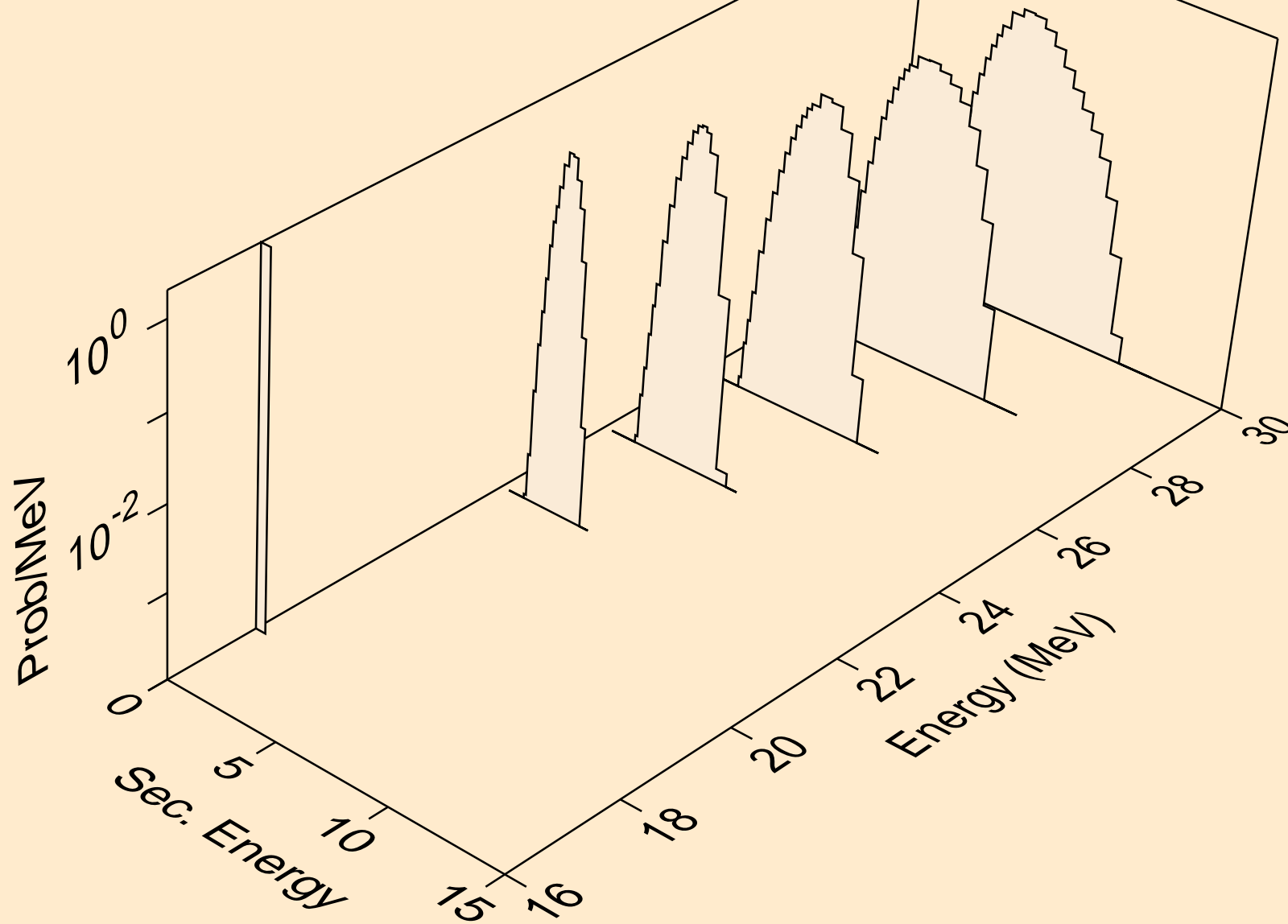
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deuterons from (n,n\*)d



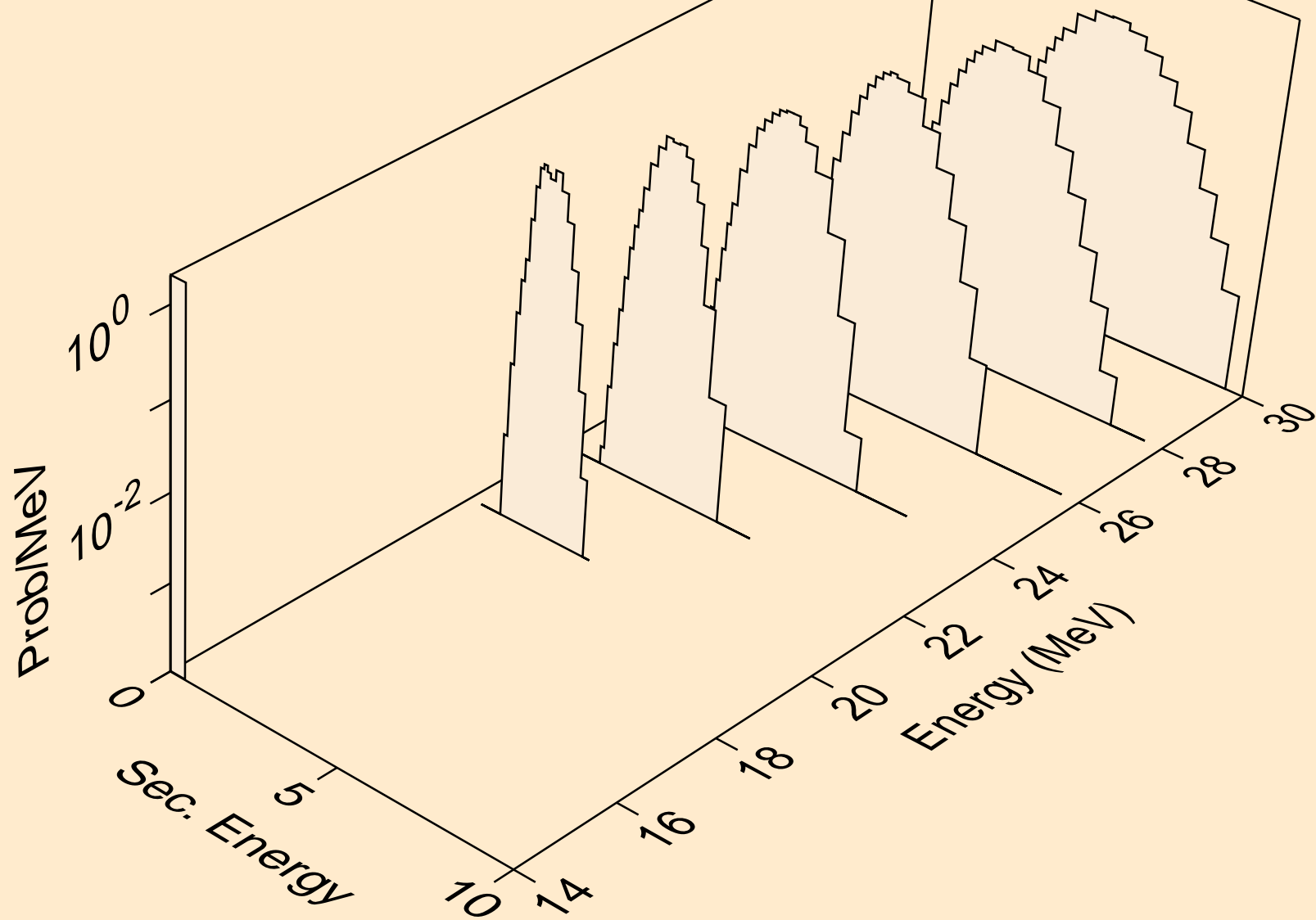
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deuterons from (n,d)



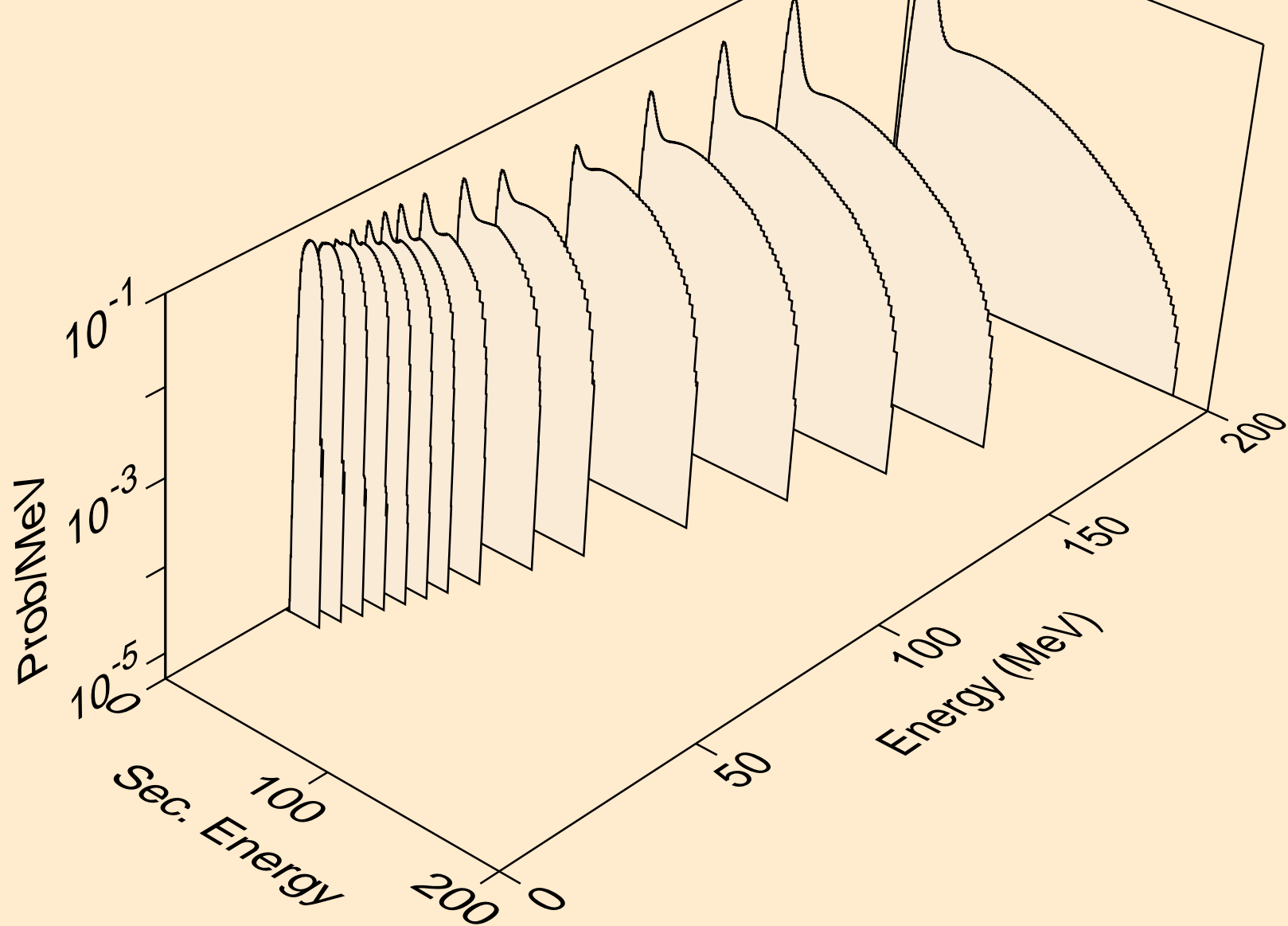
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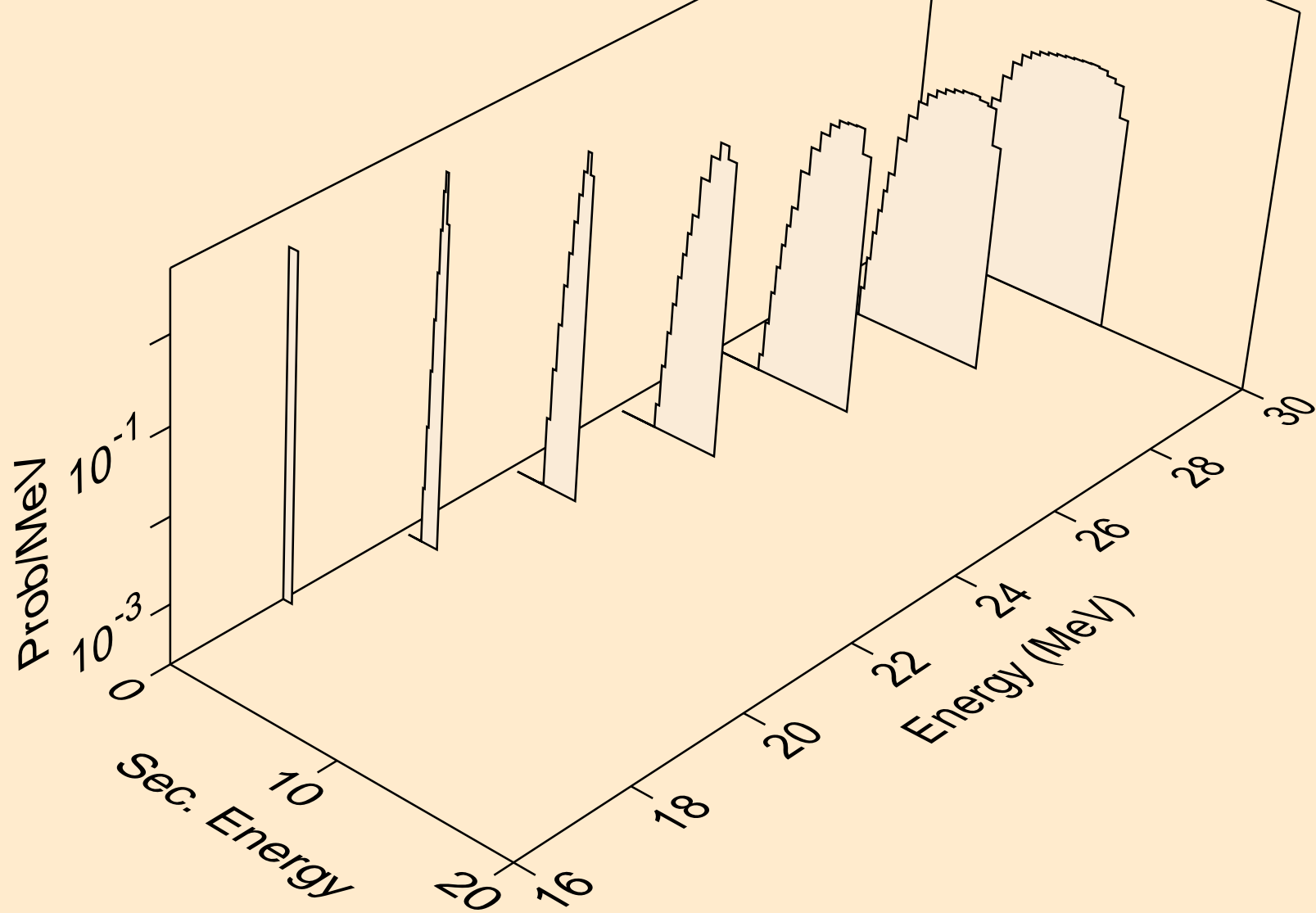
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

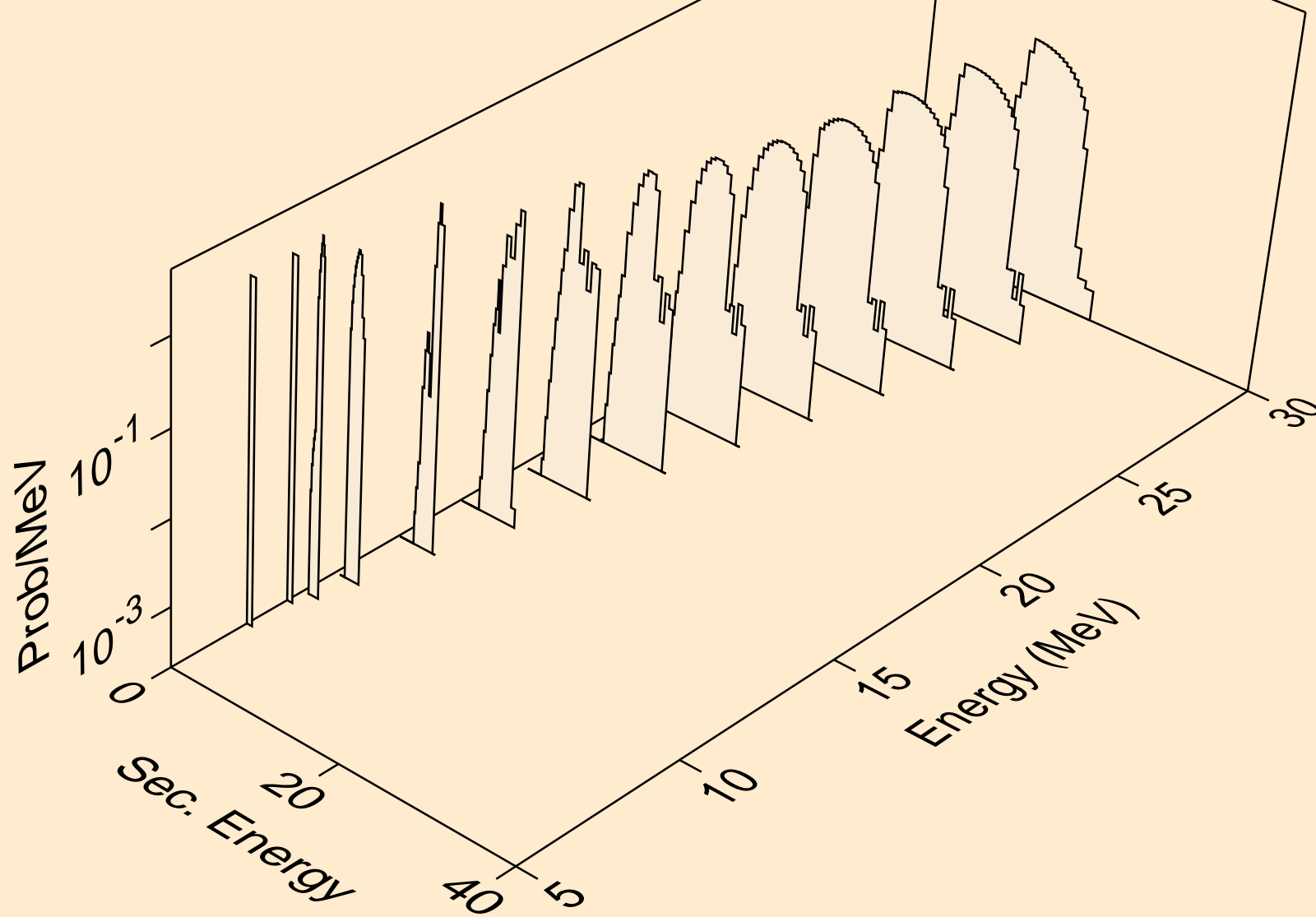


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

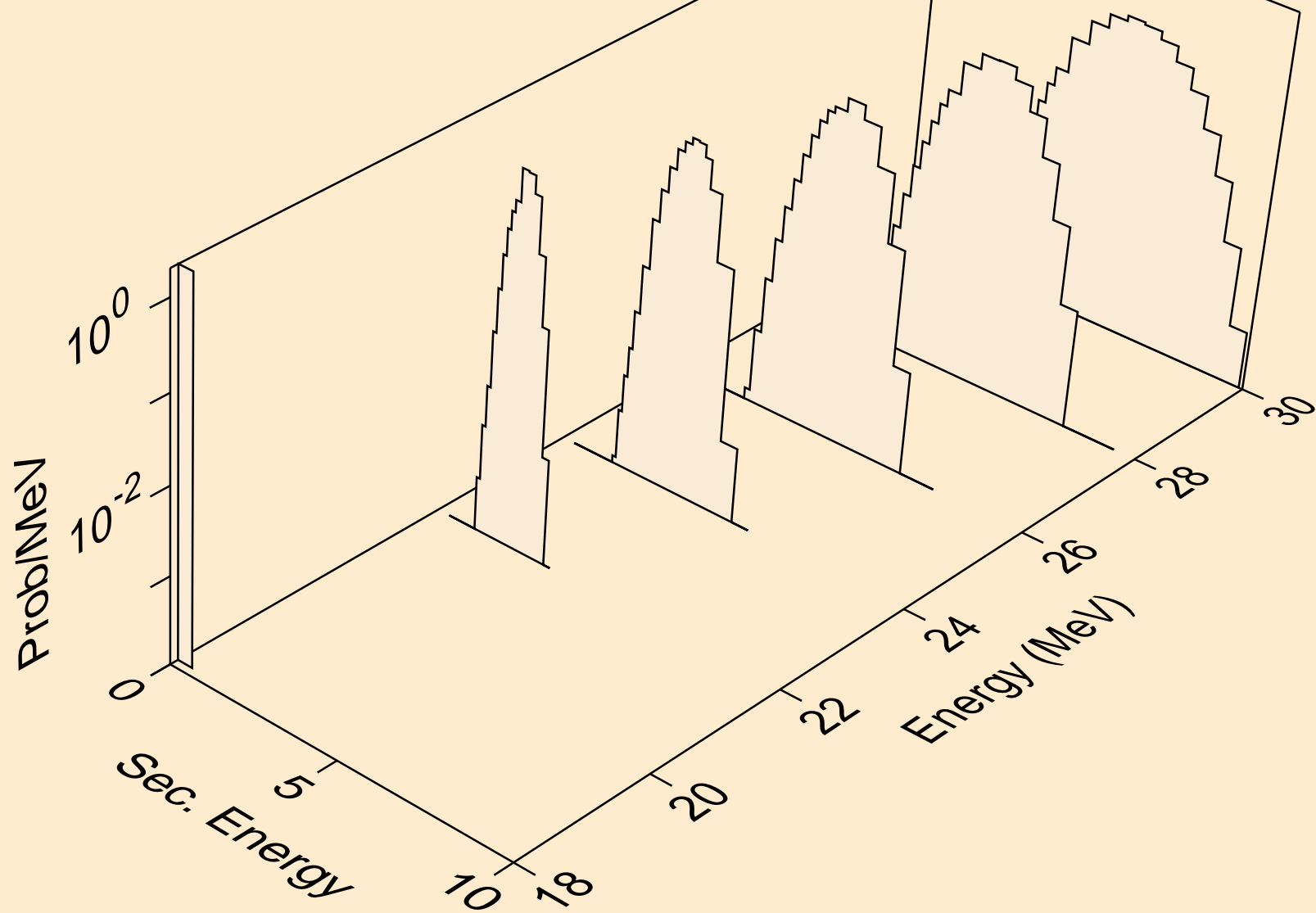




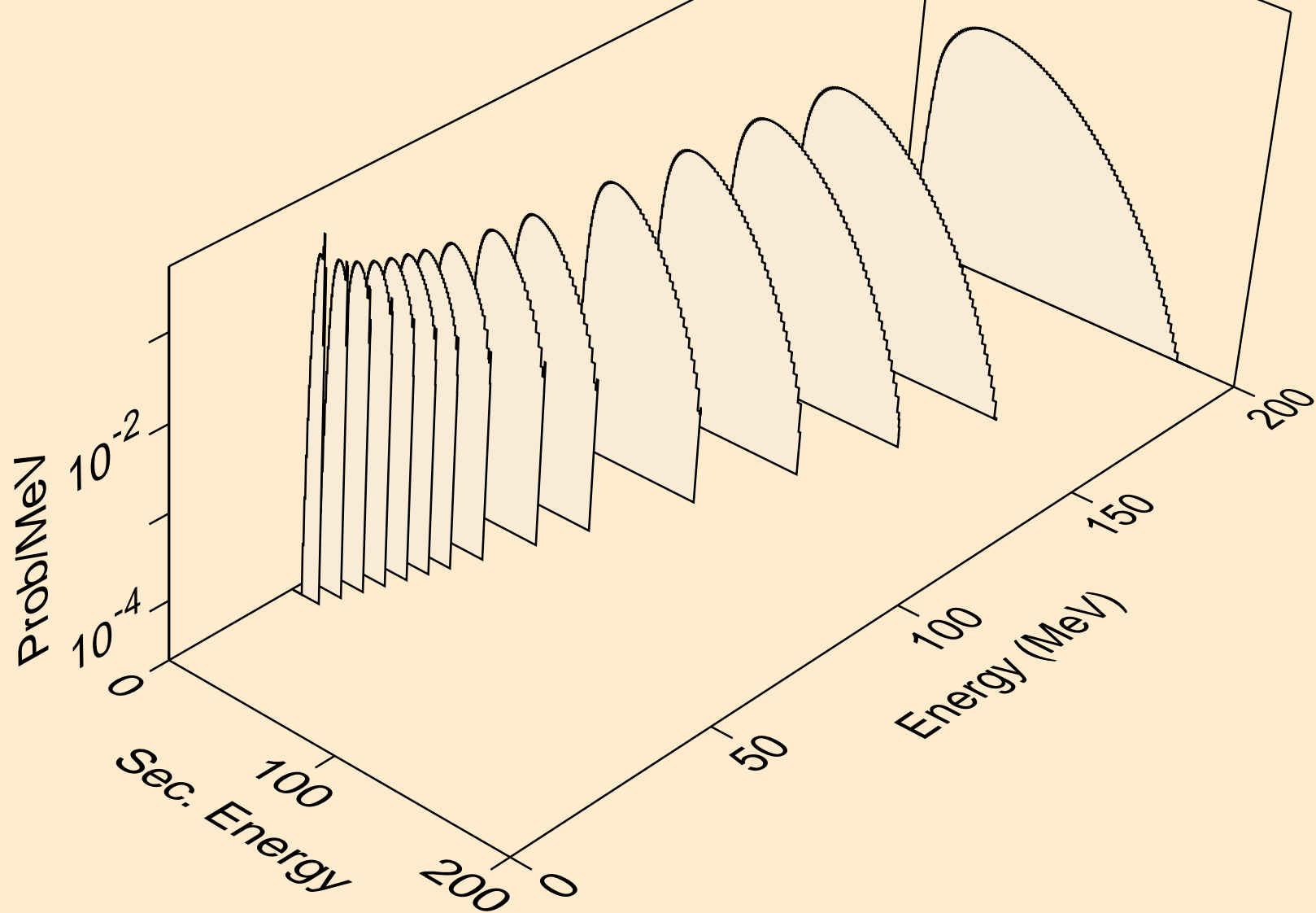
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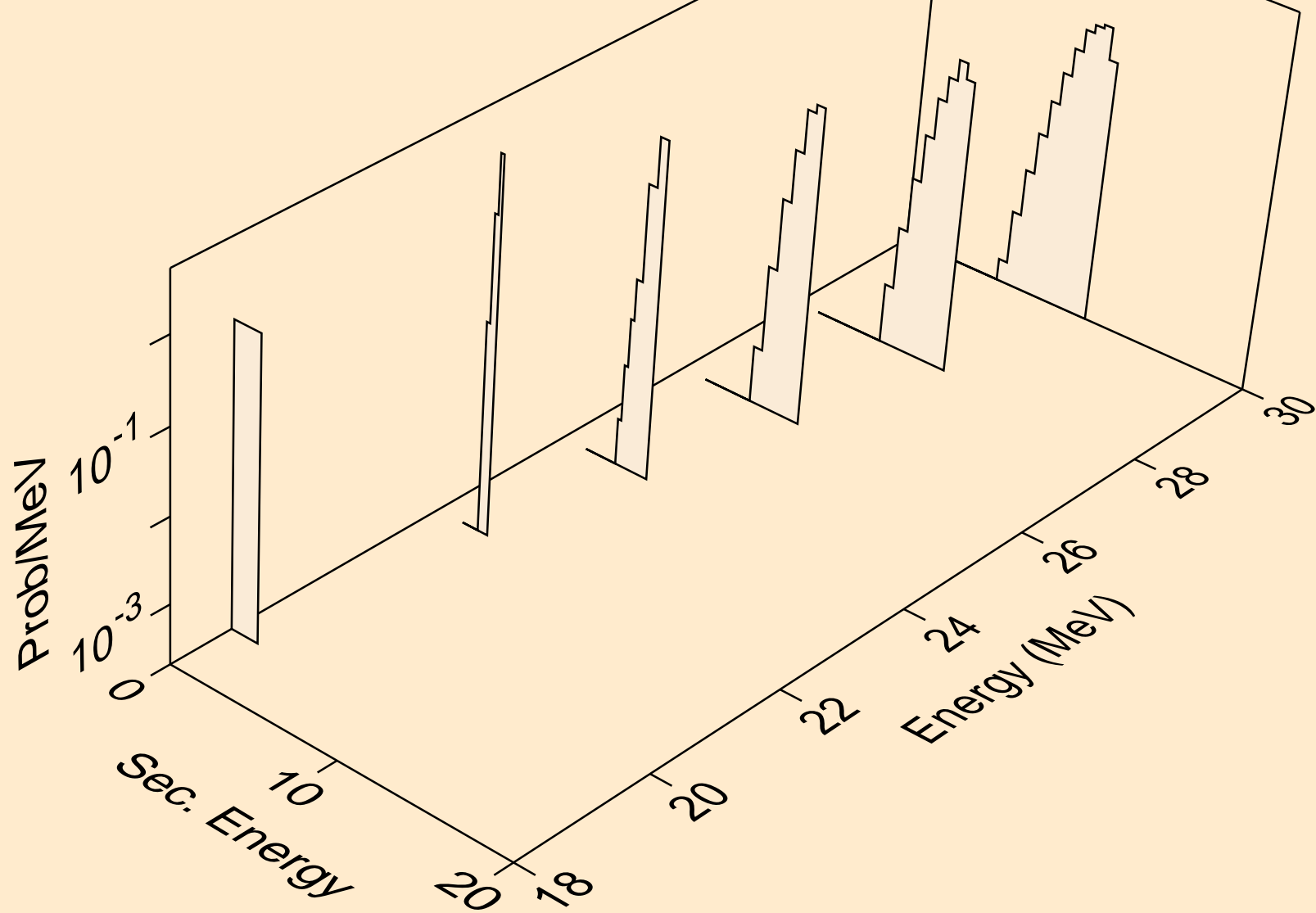
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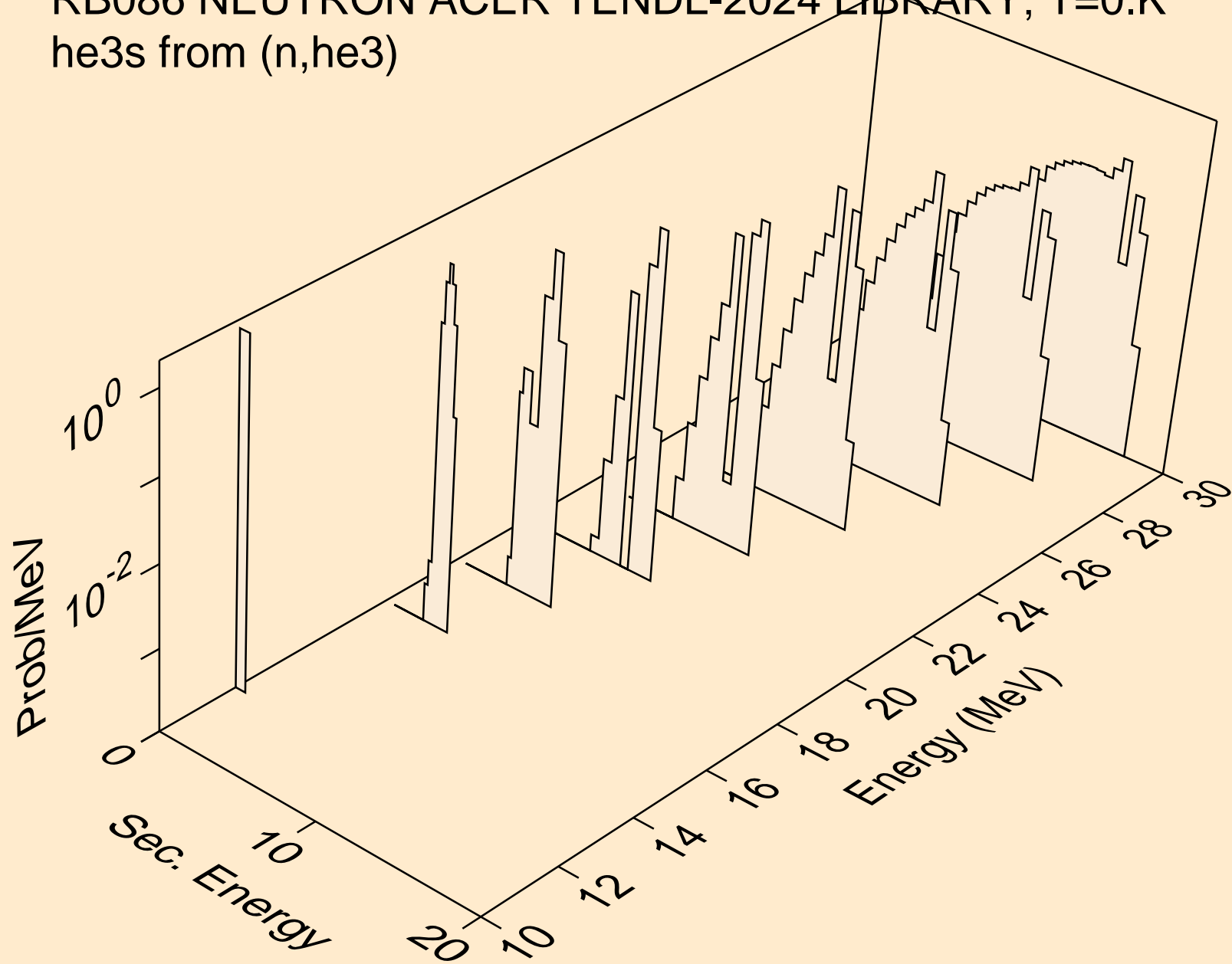
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he3s from (n,x)



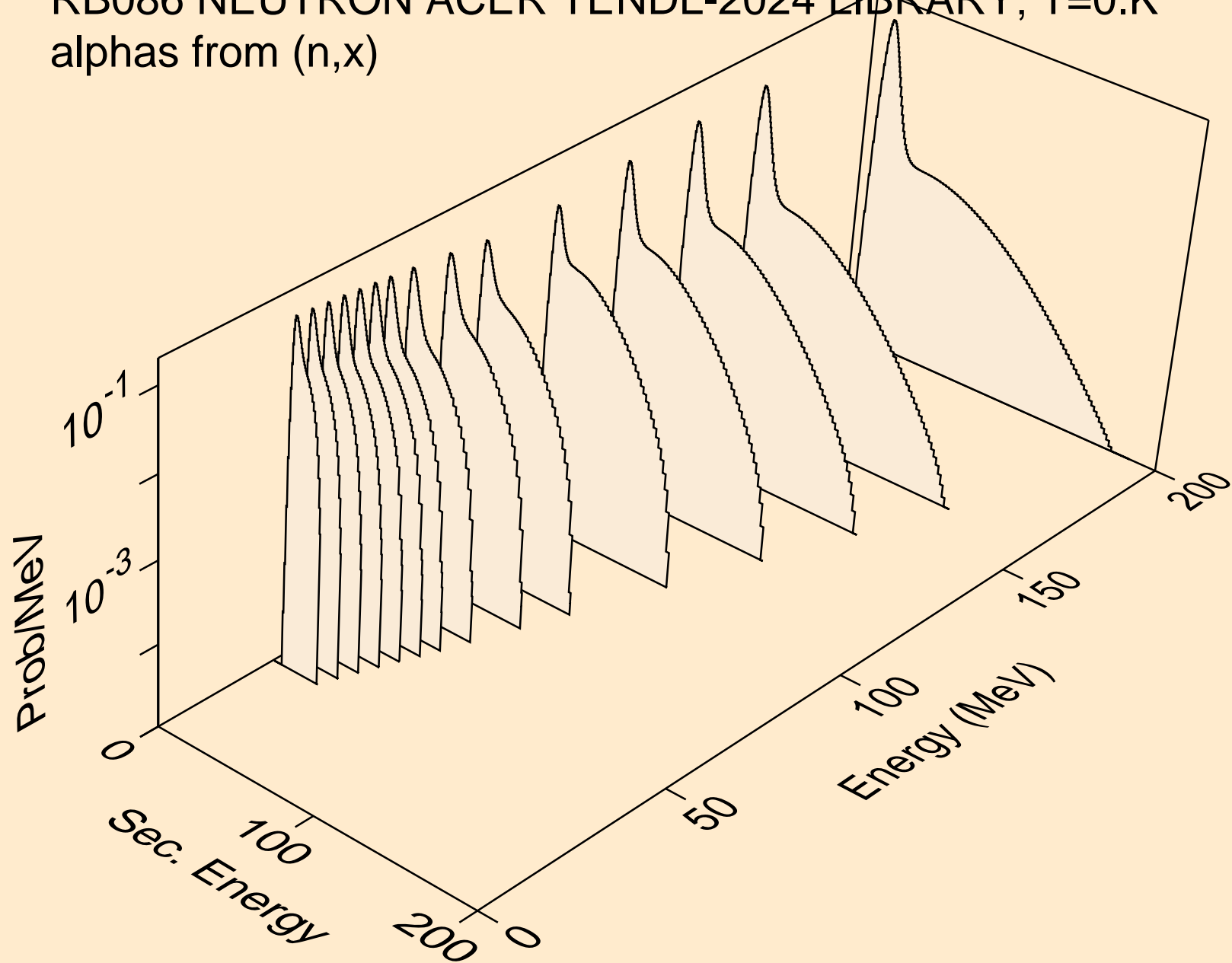
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he3s from (n,n\*)he3



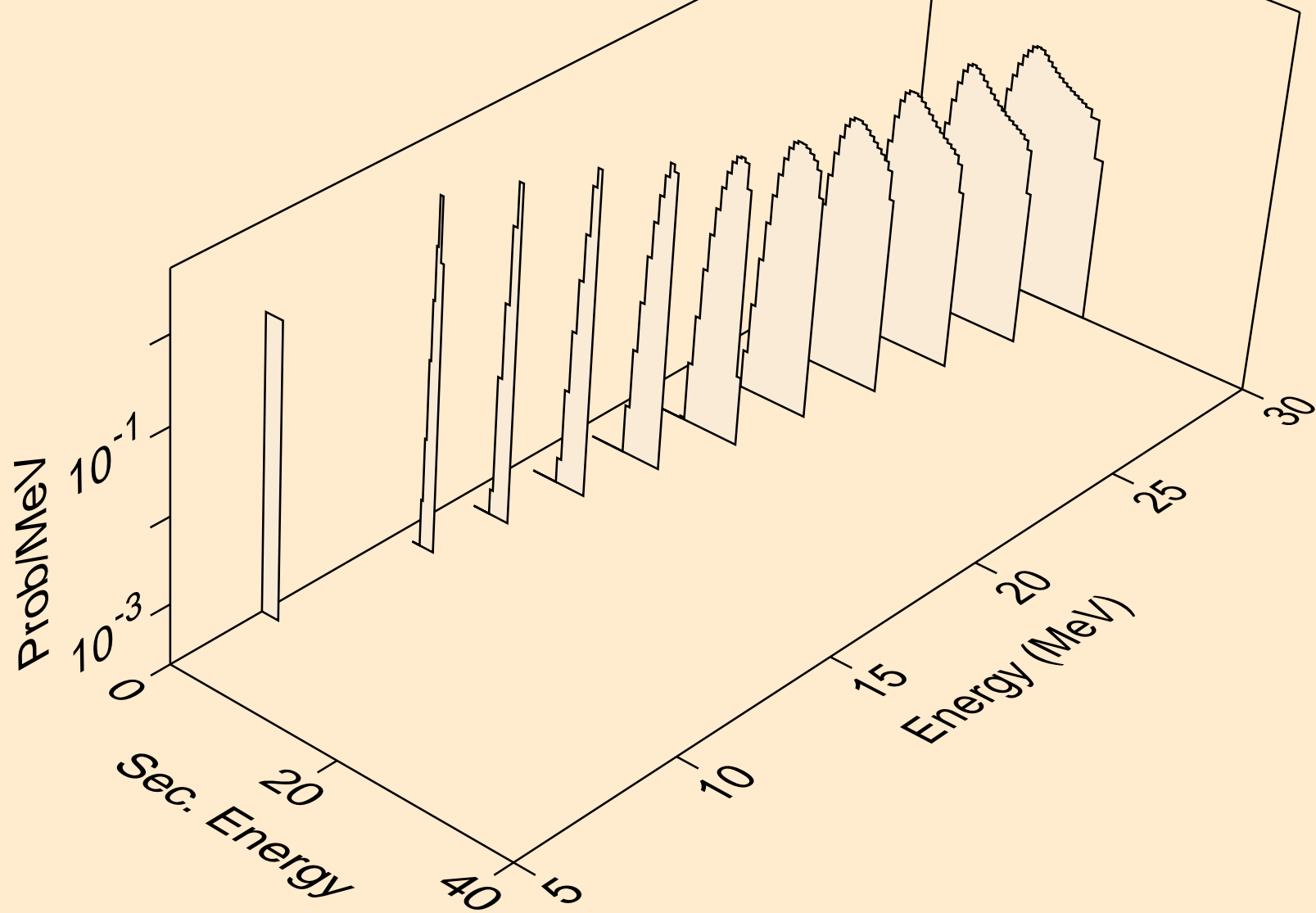
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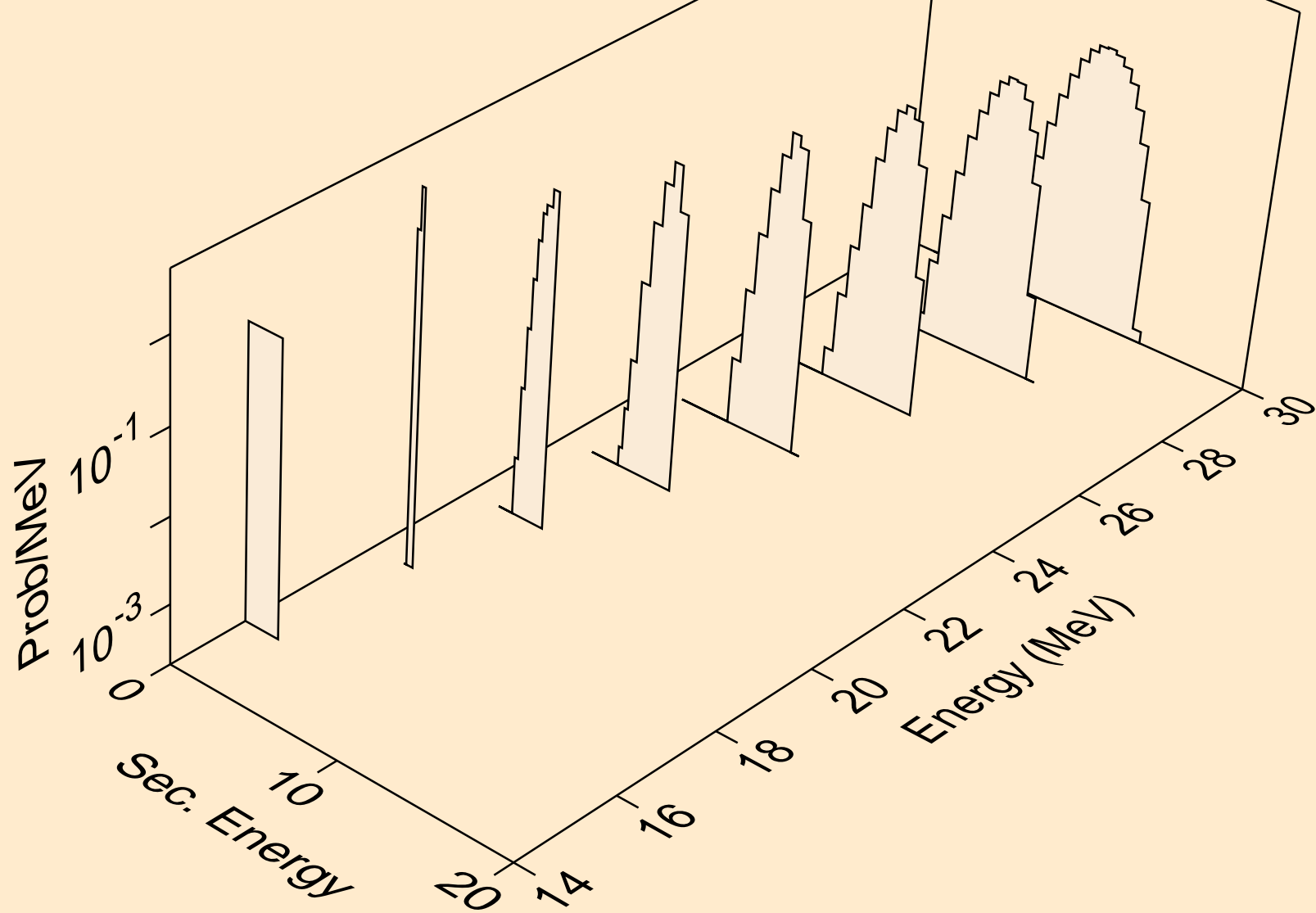
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

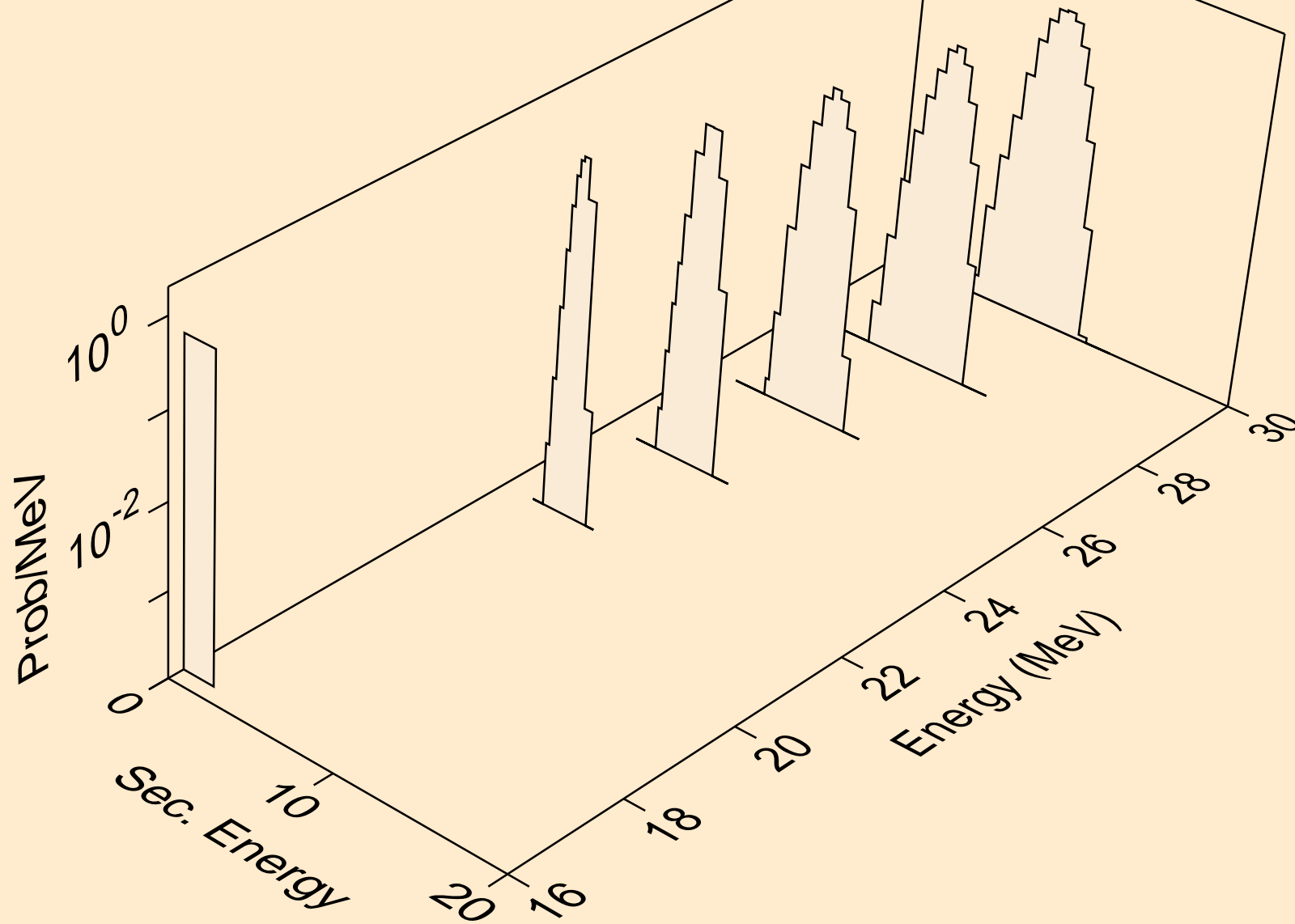


RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

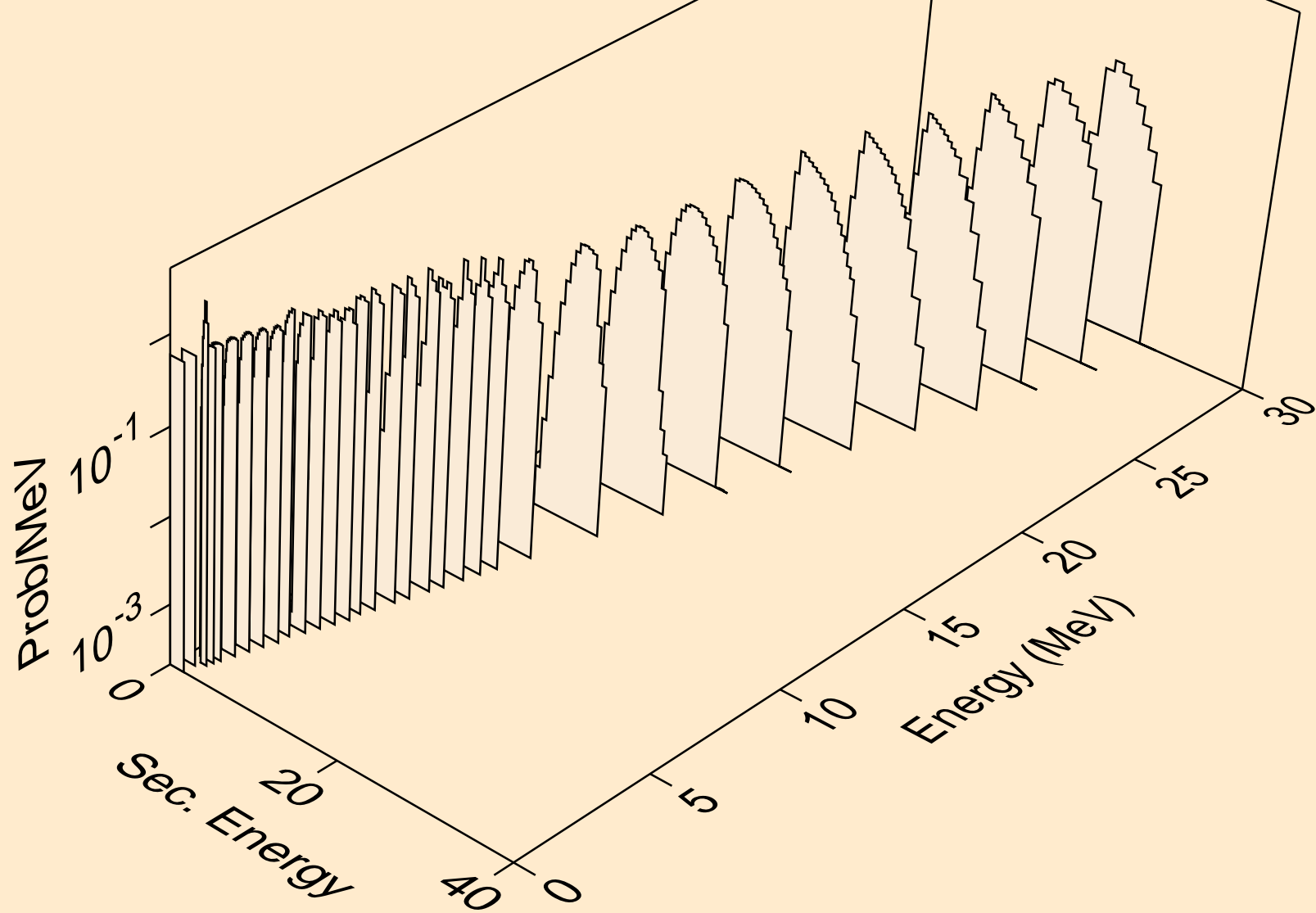




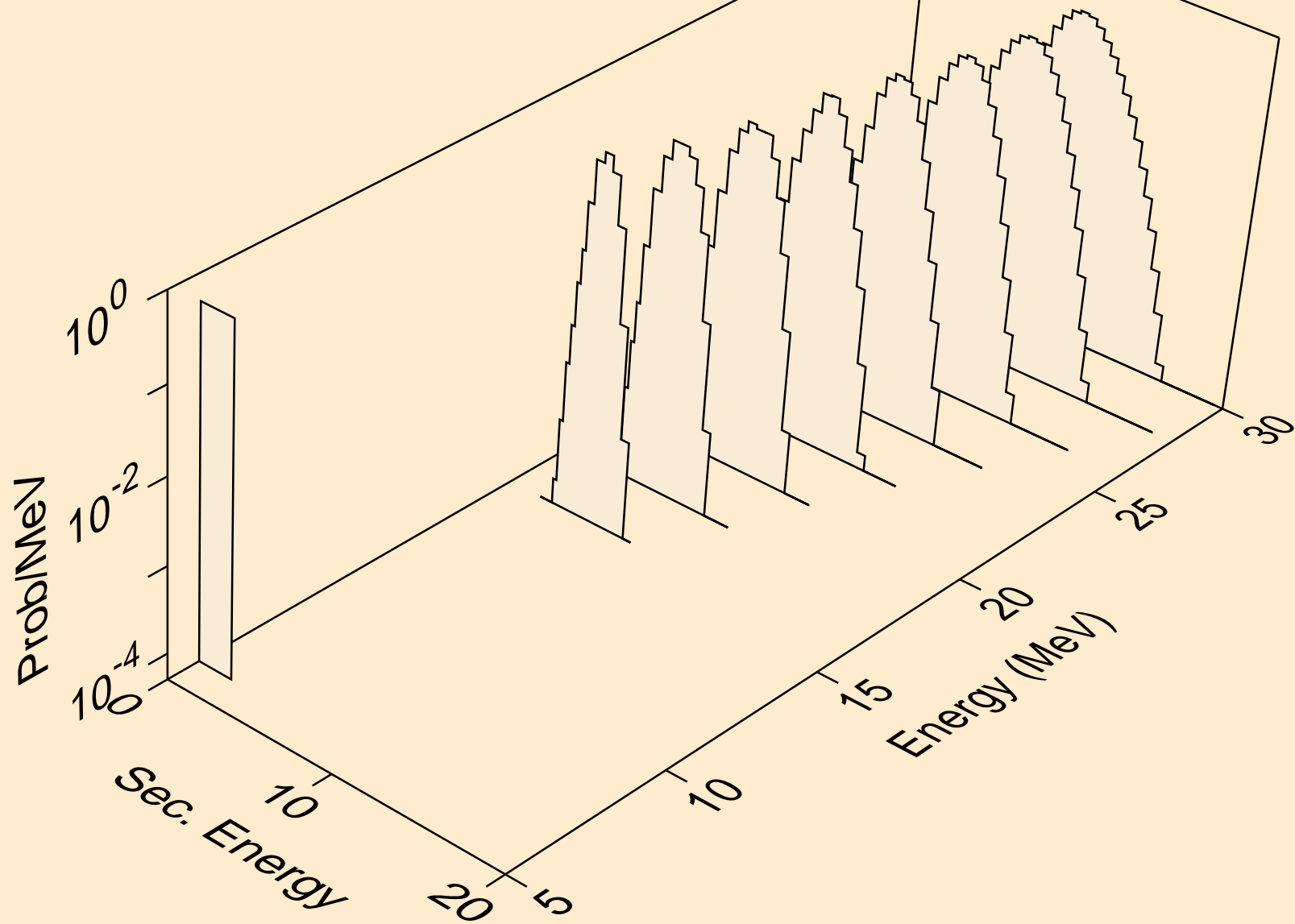
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



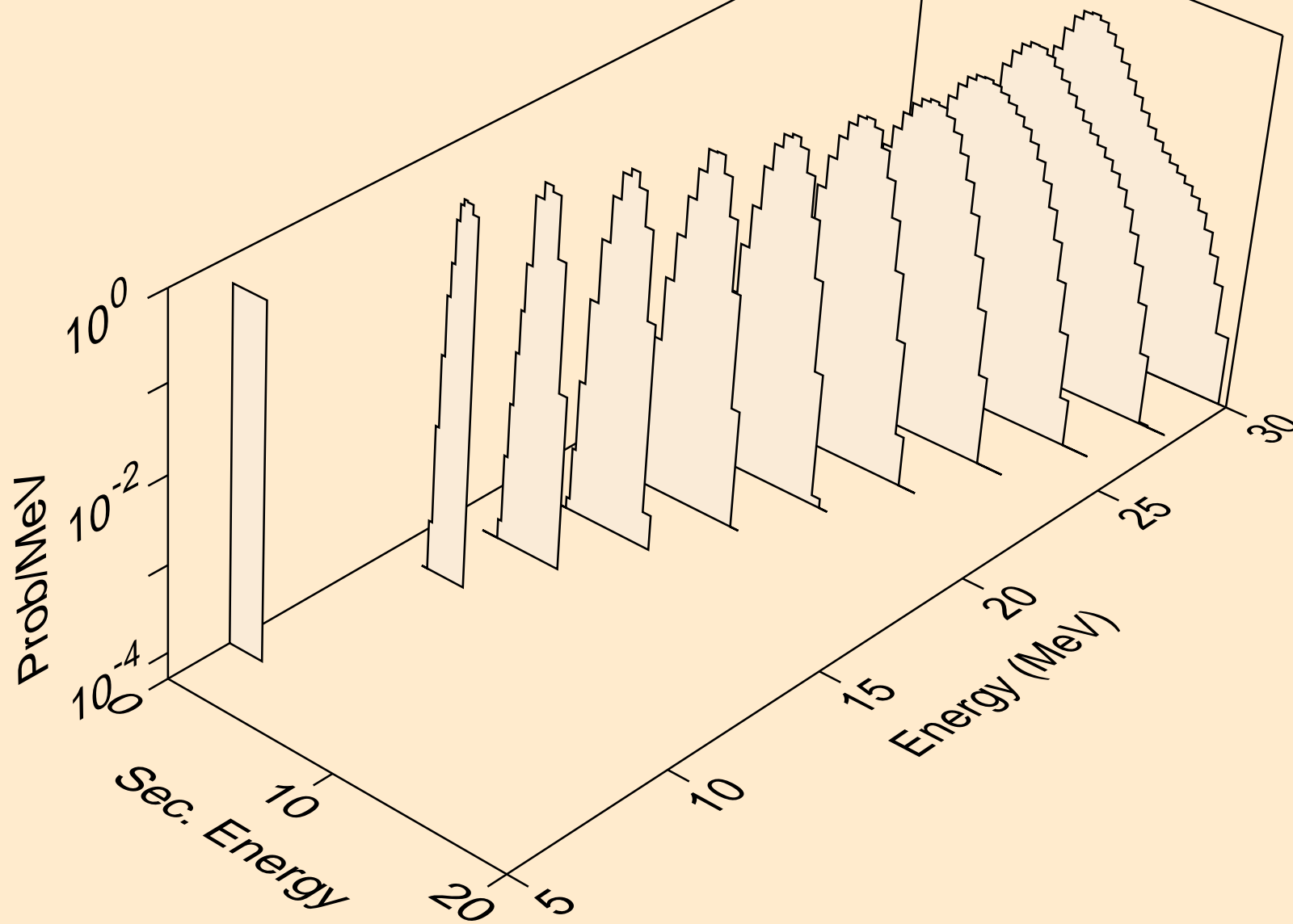
RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



RB086 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

