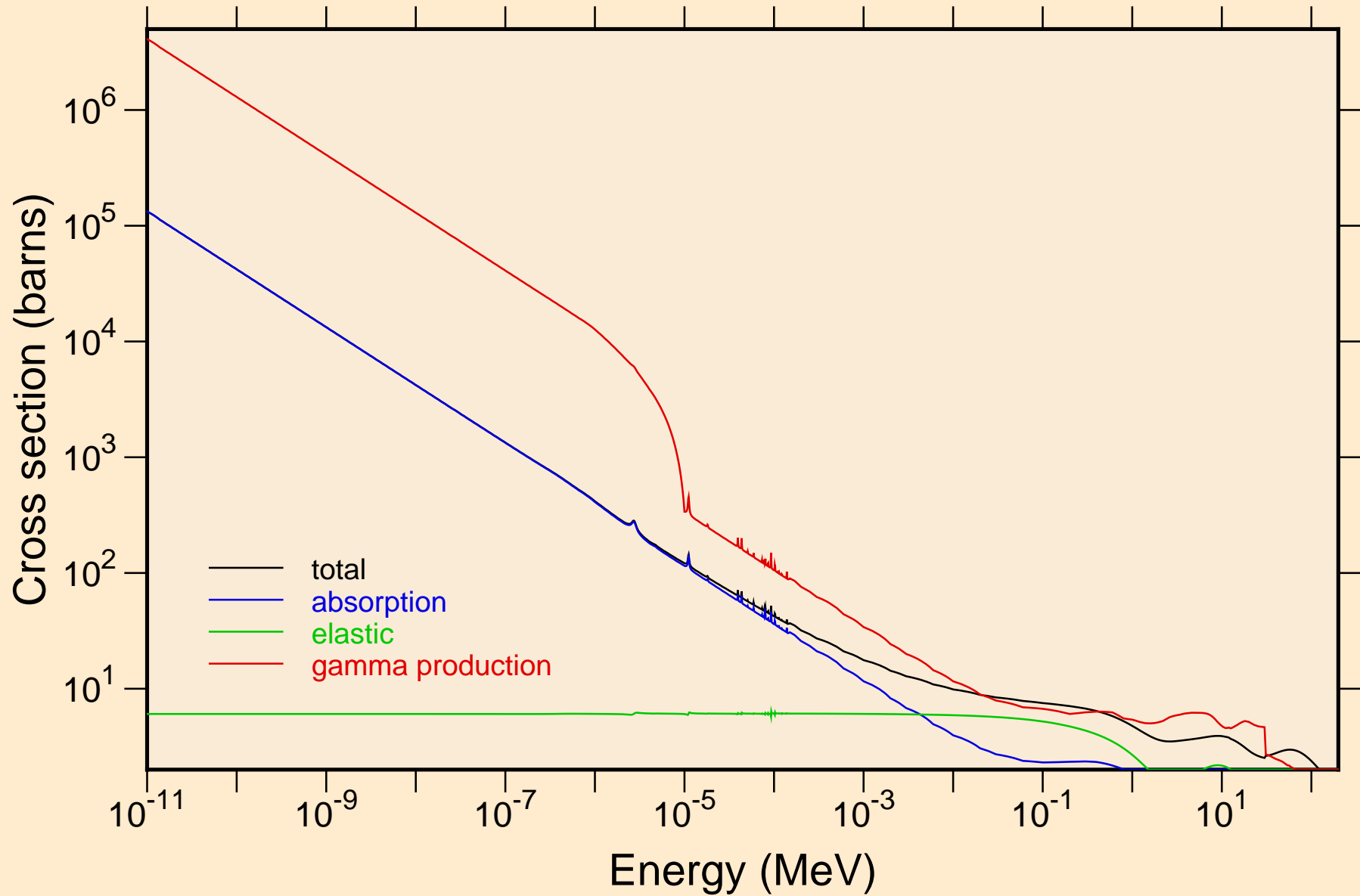
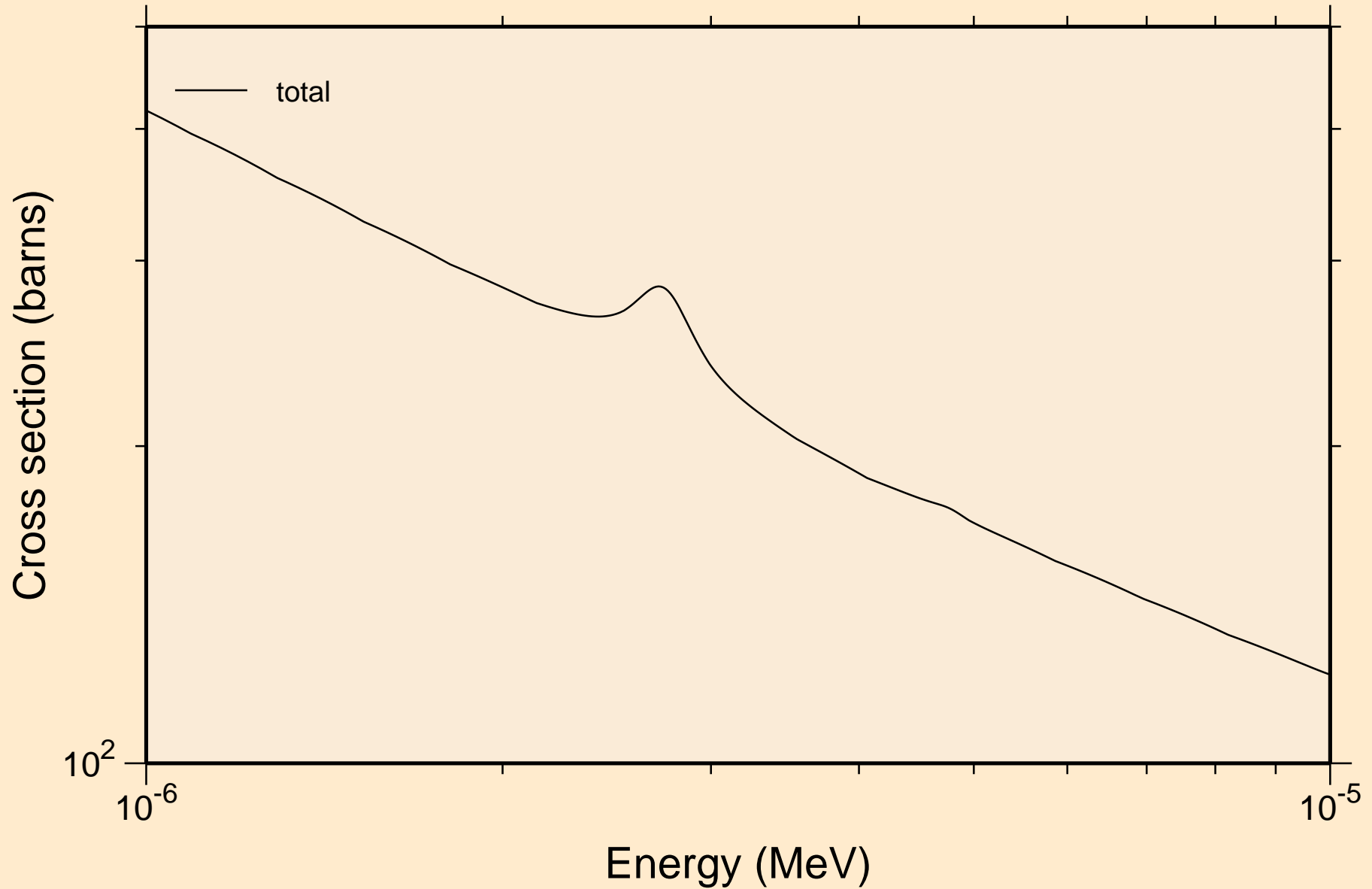


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

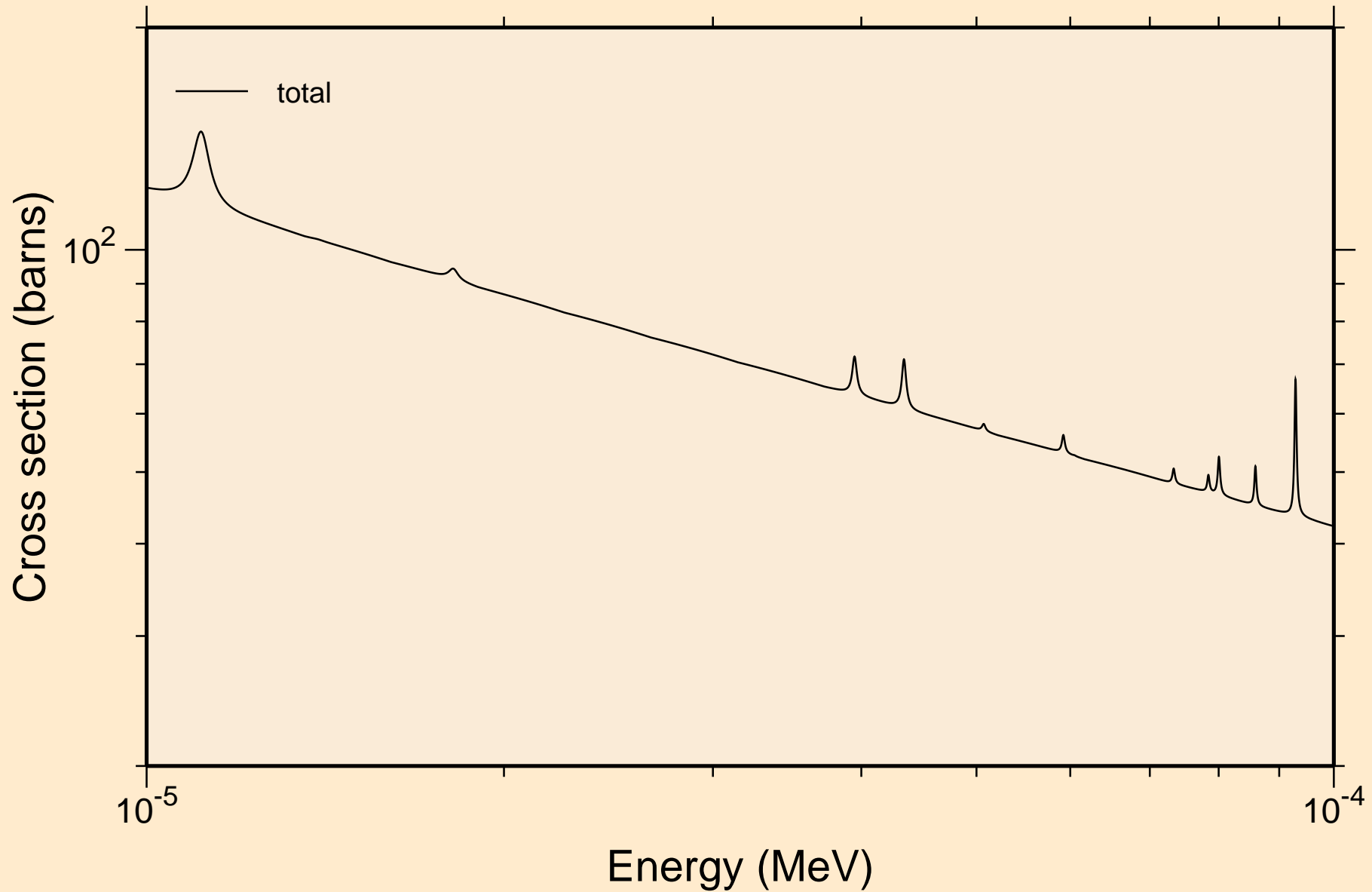
## Principal cross sections



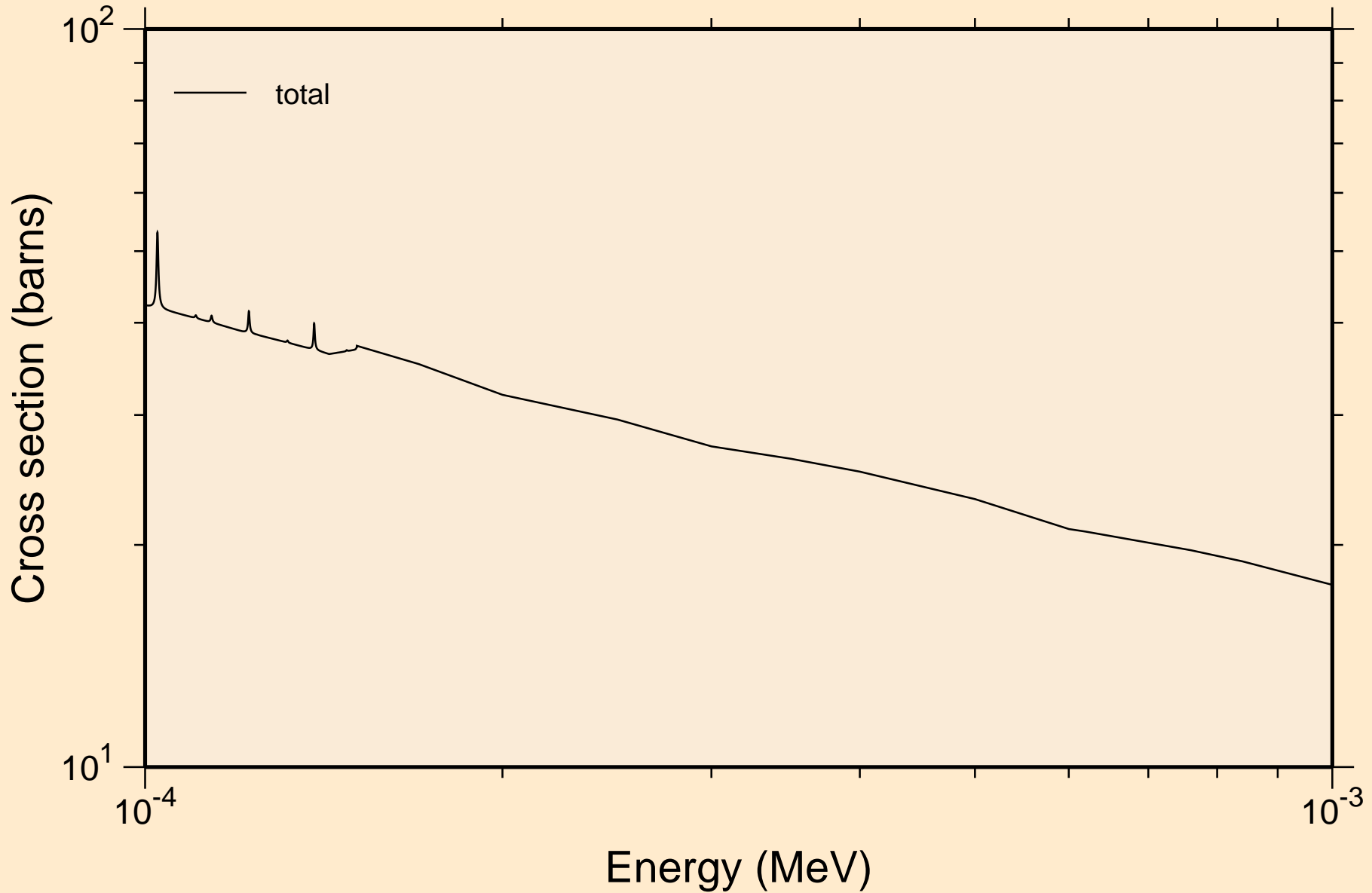
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



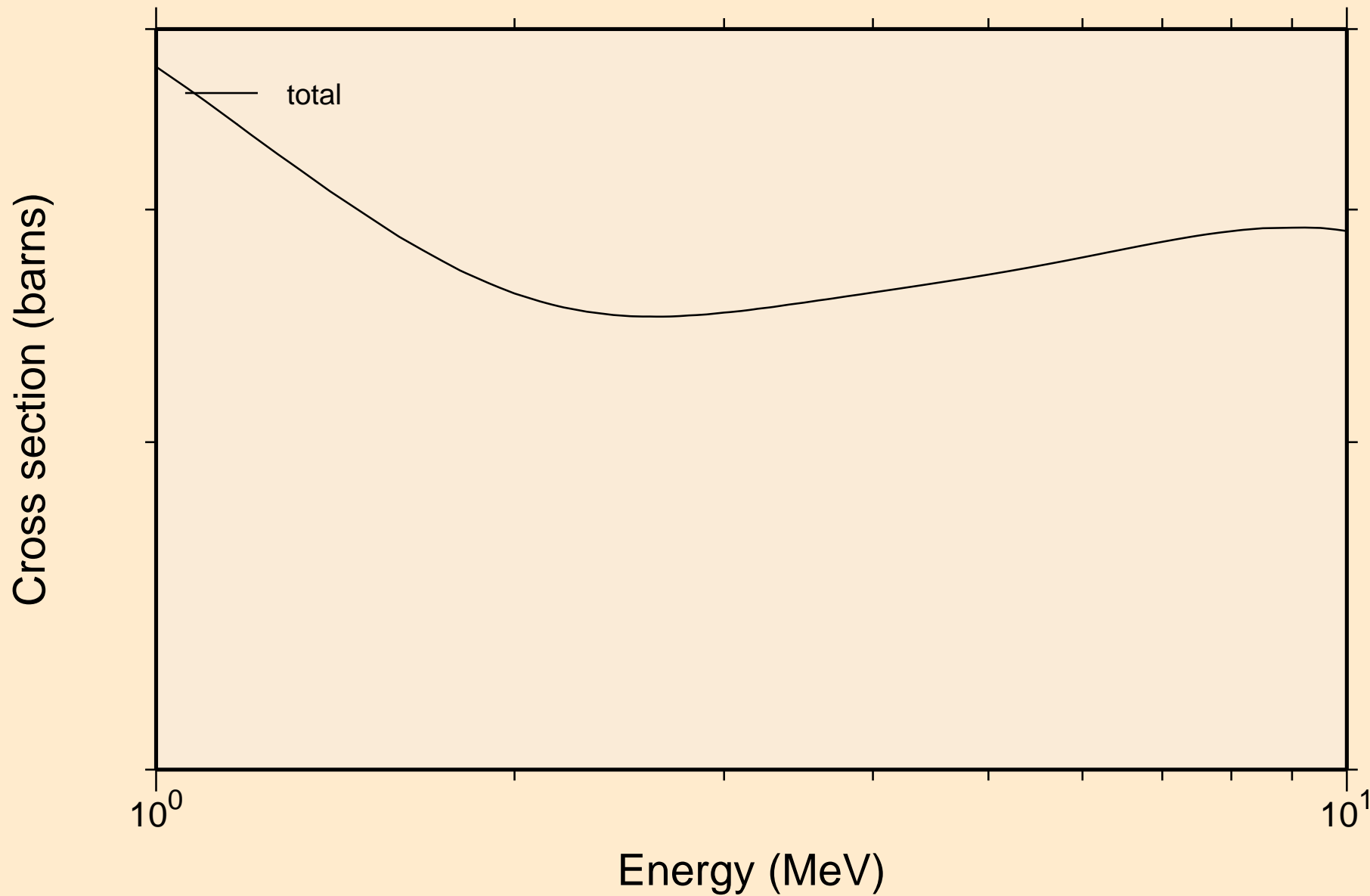
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



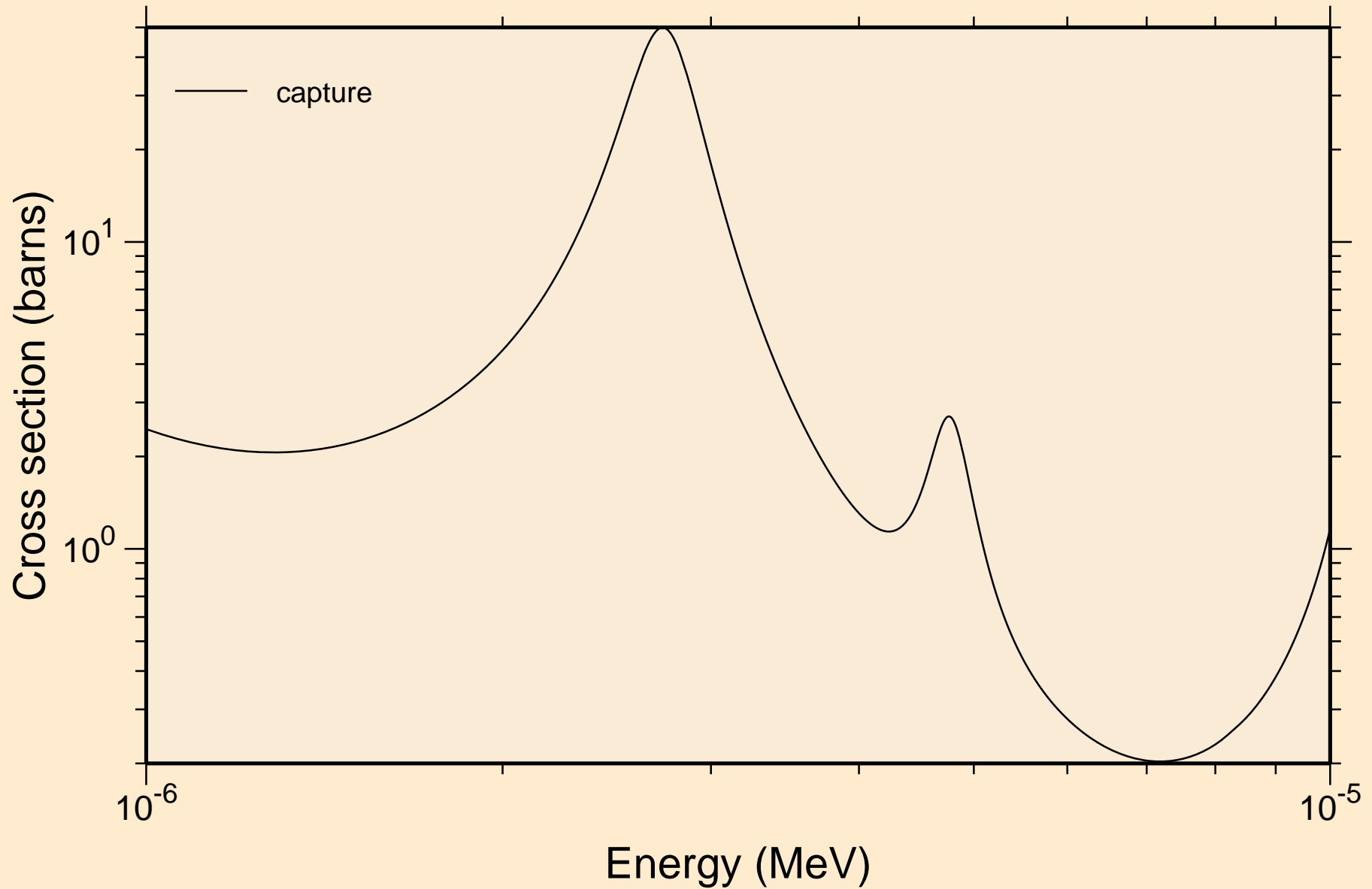
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



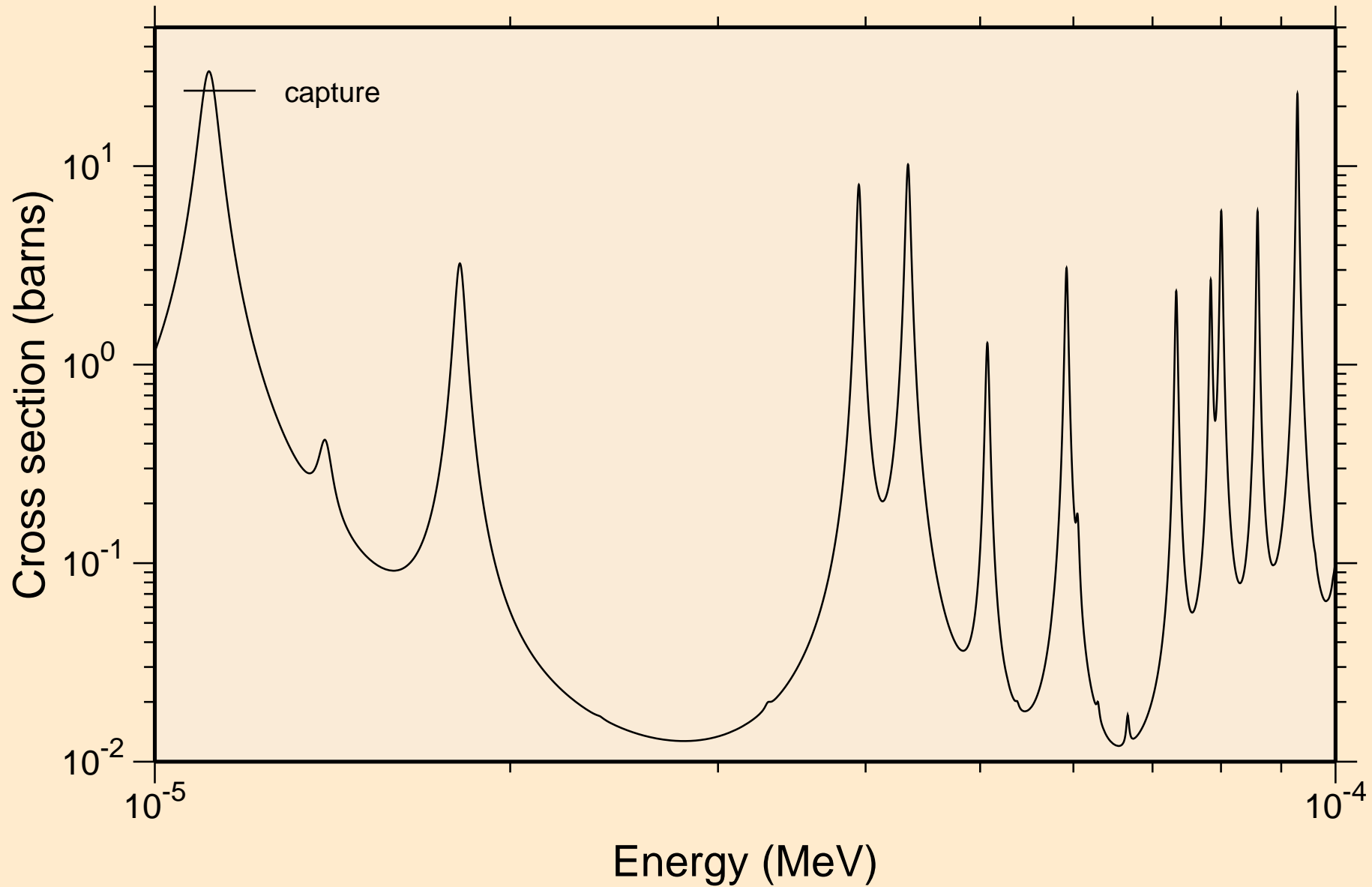
R̄B077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



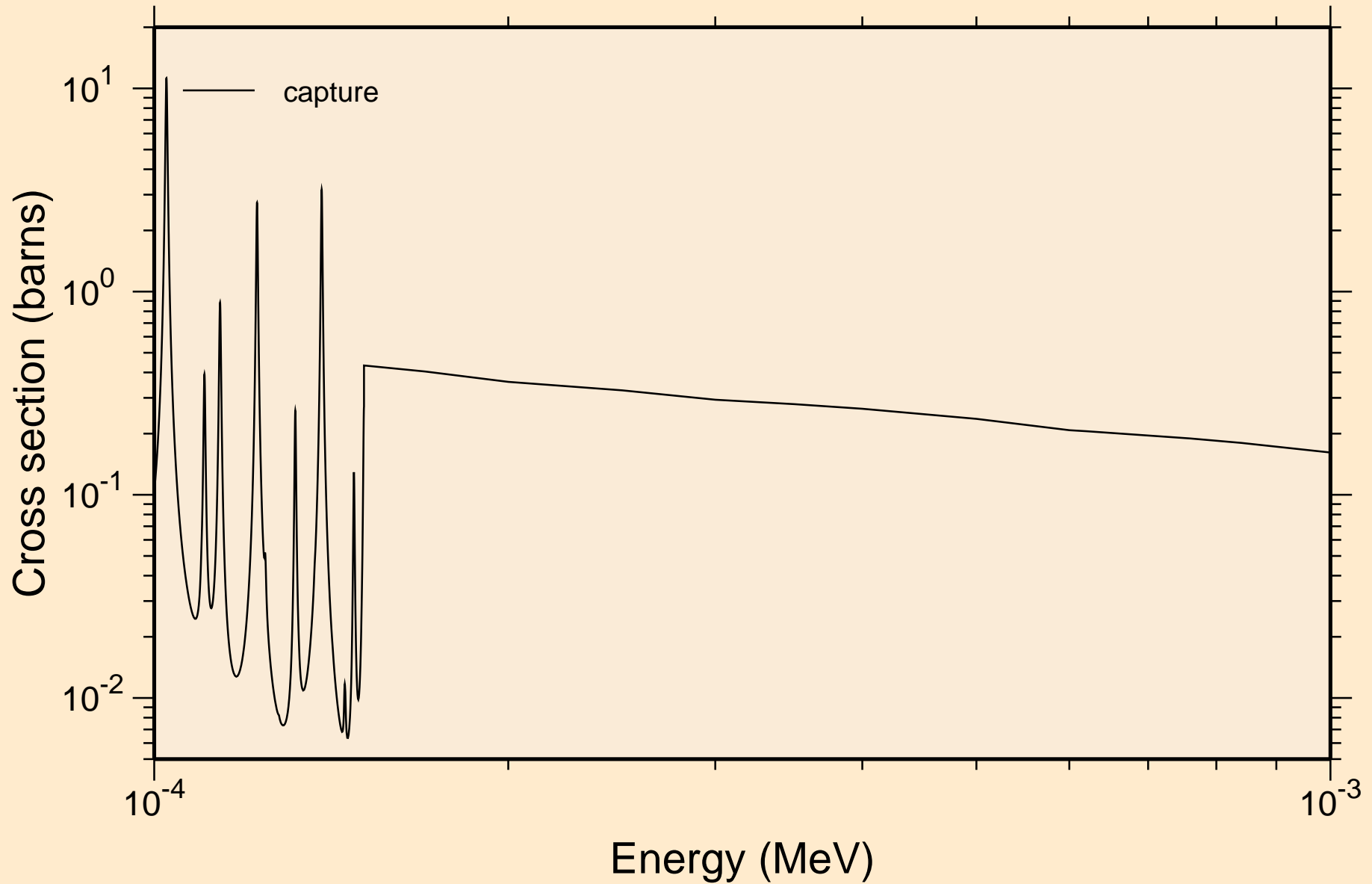
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

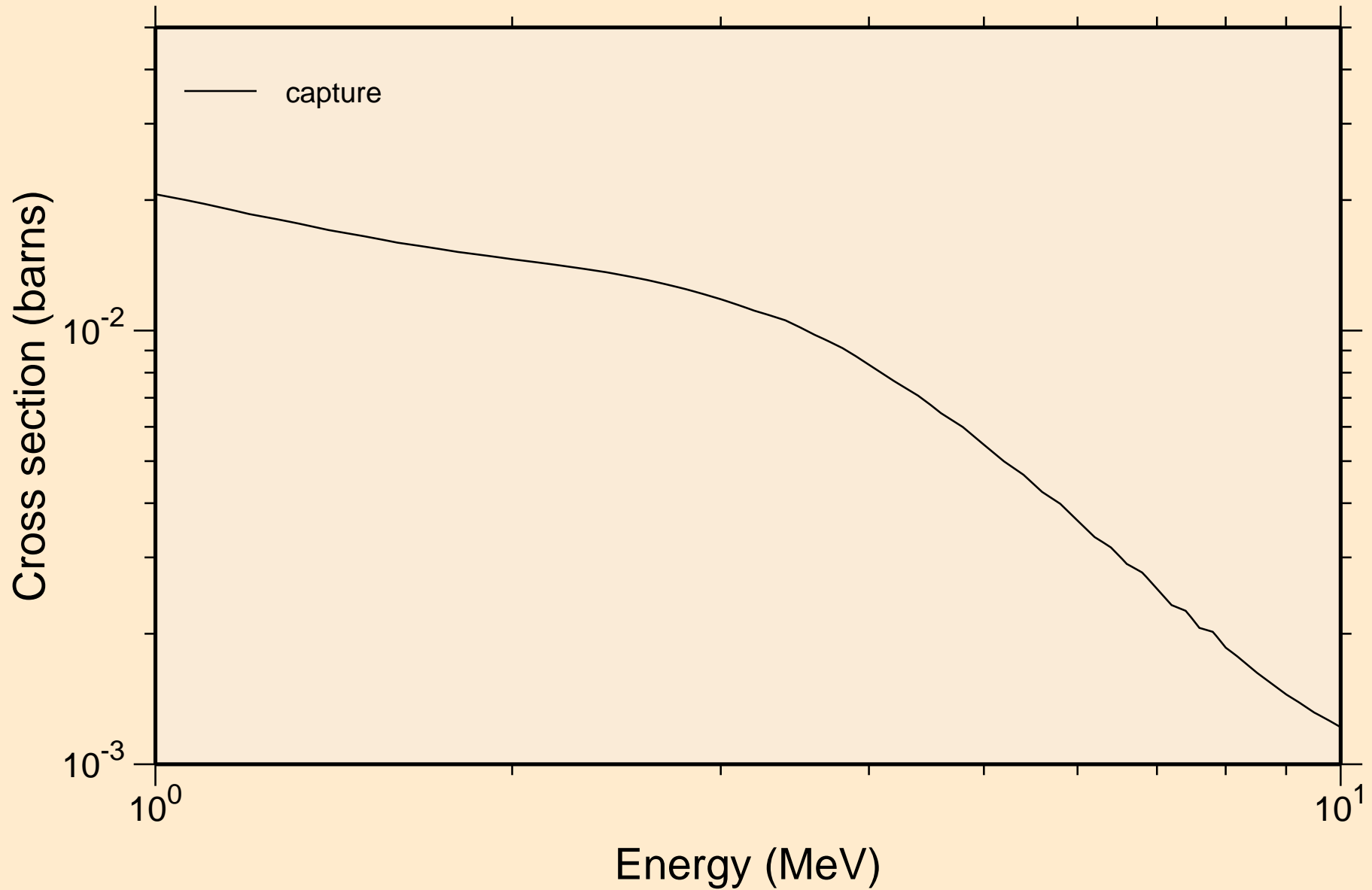


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



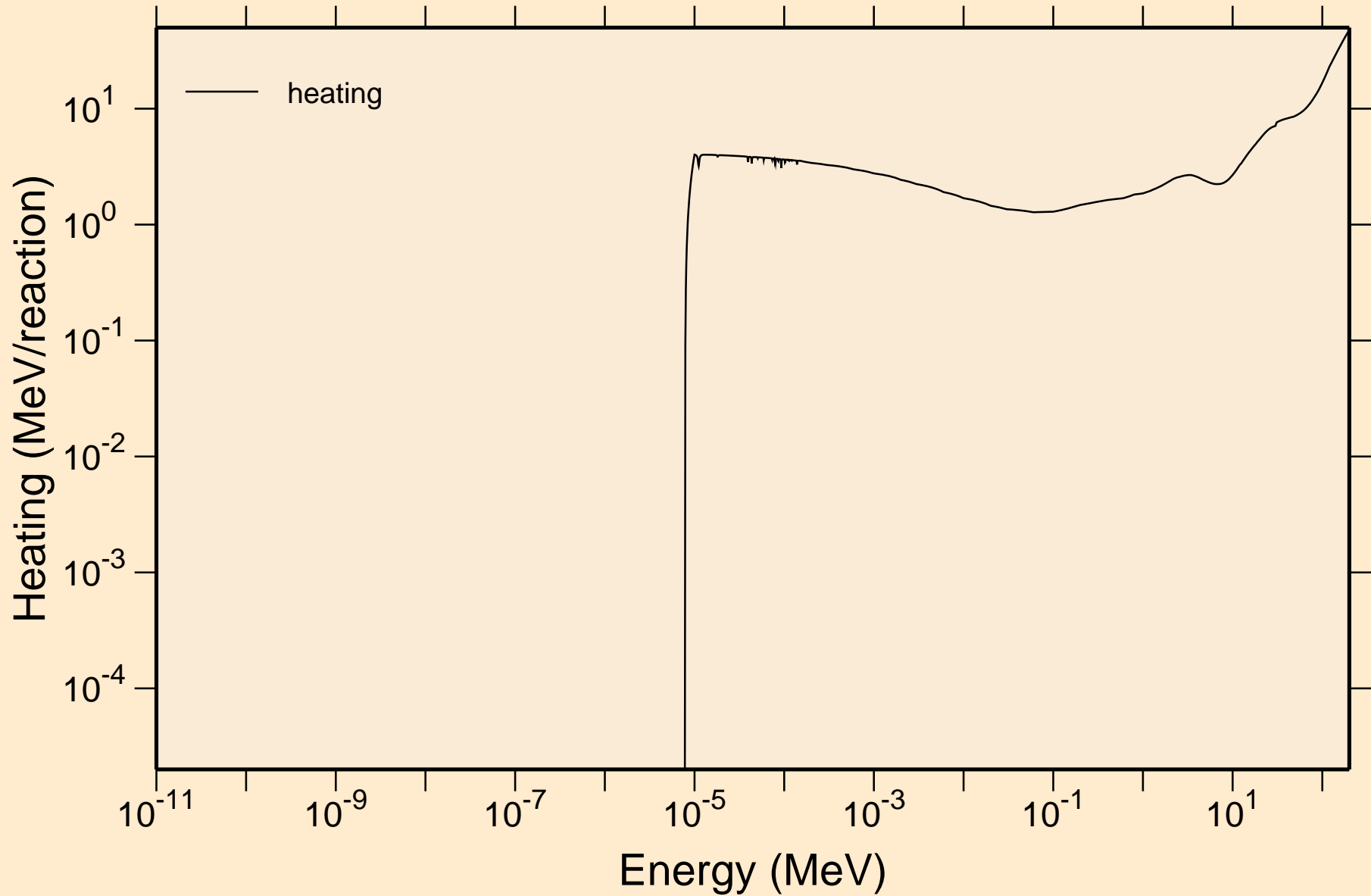


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

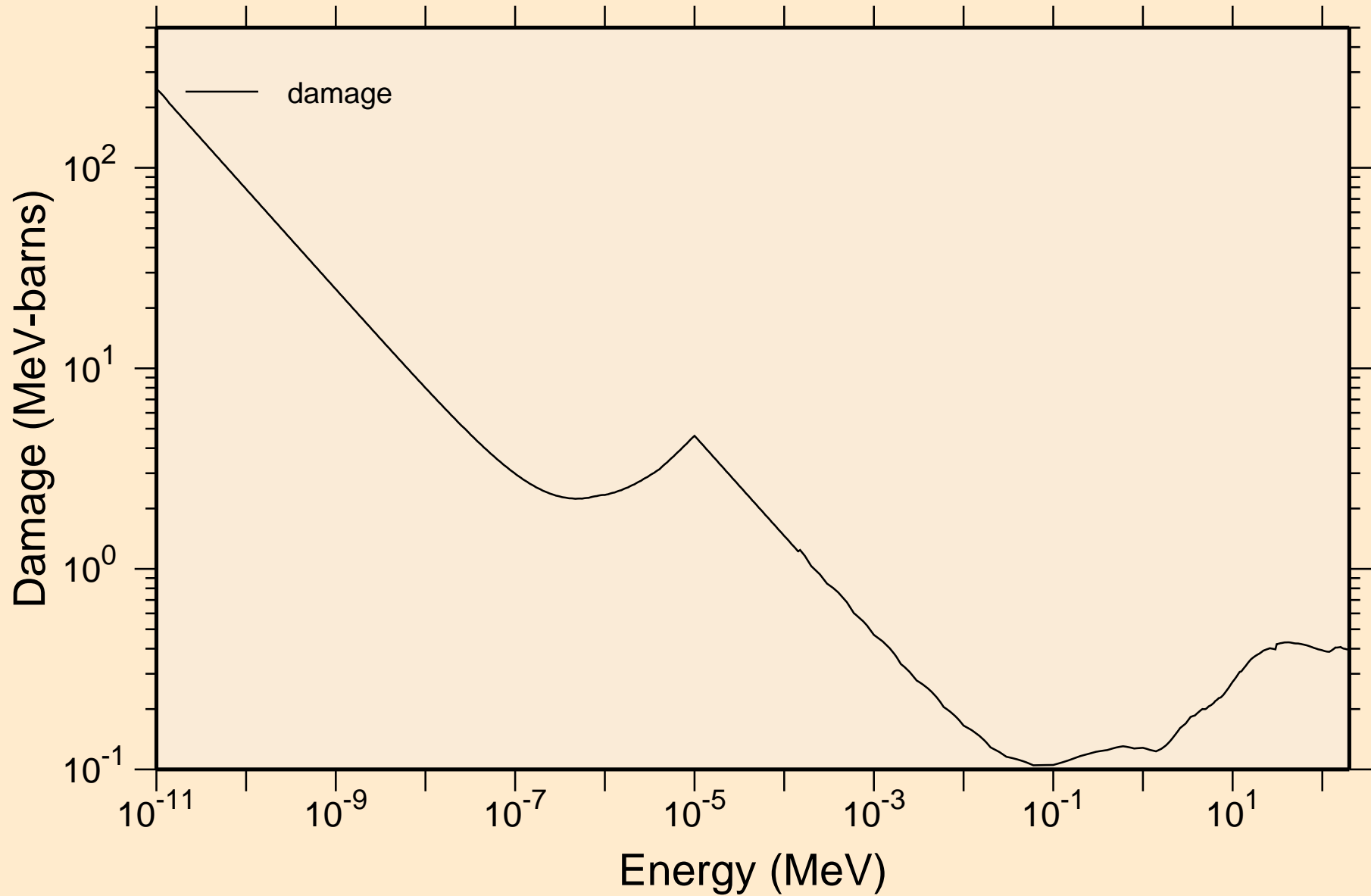


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

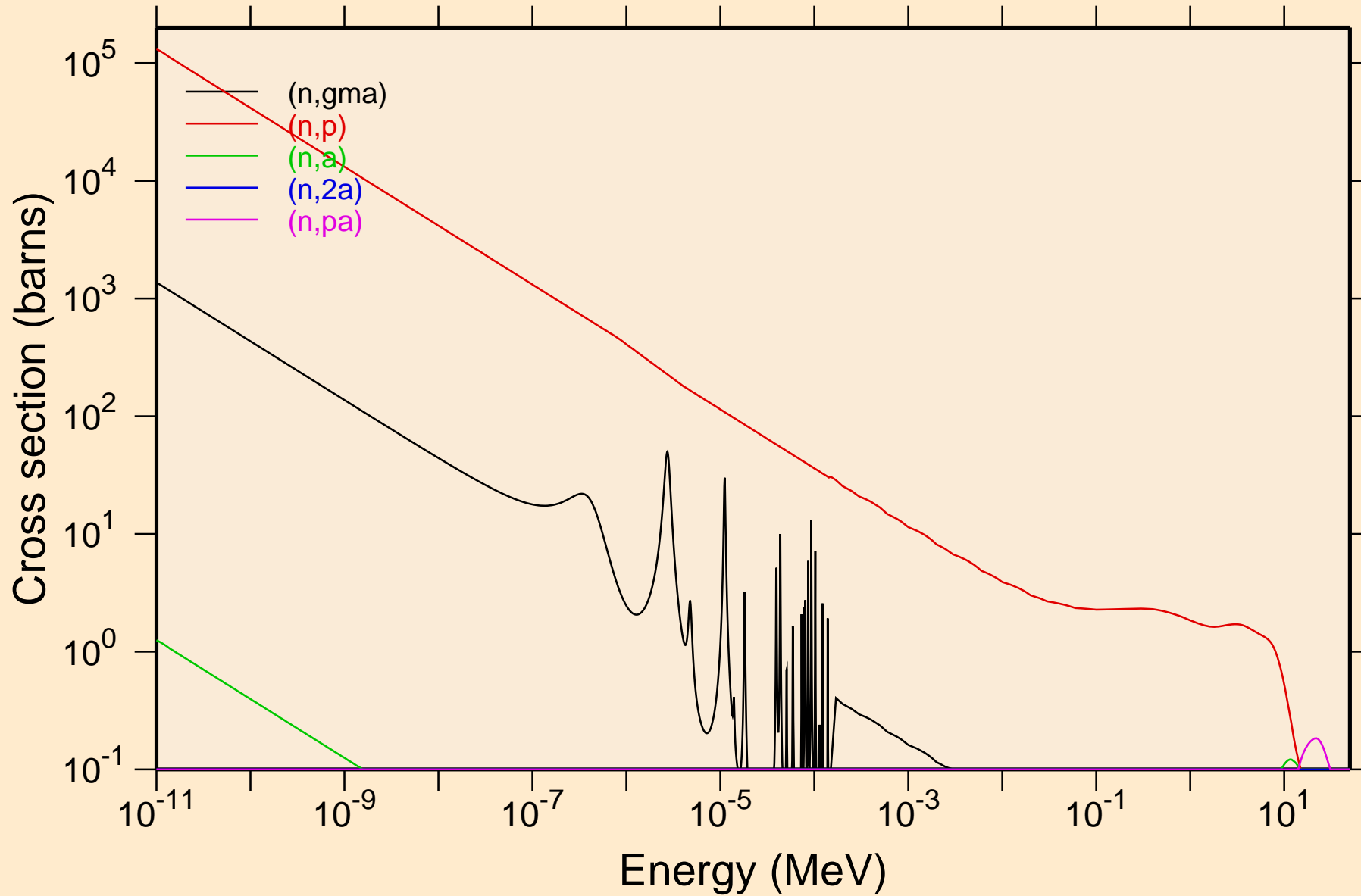
## Heating



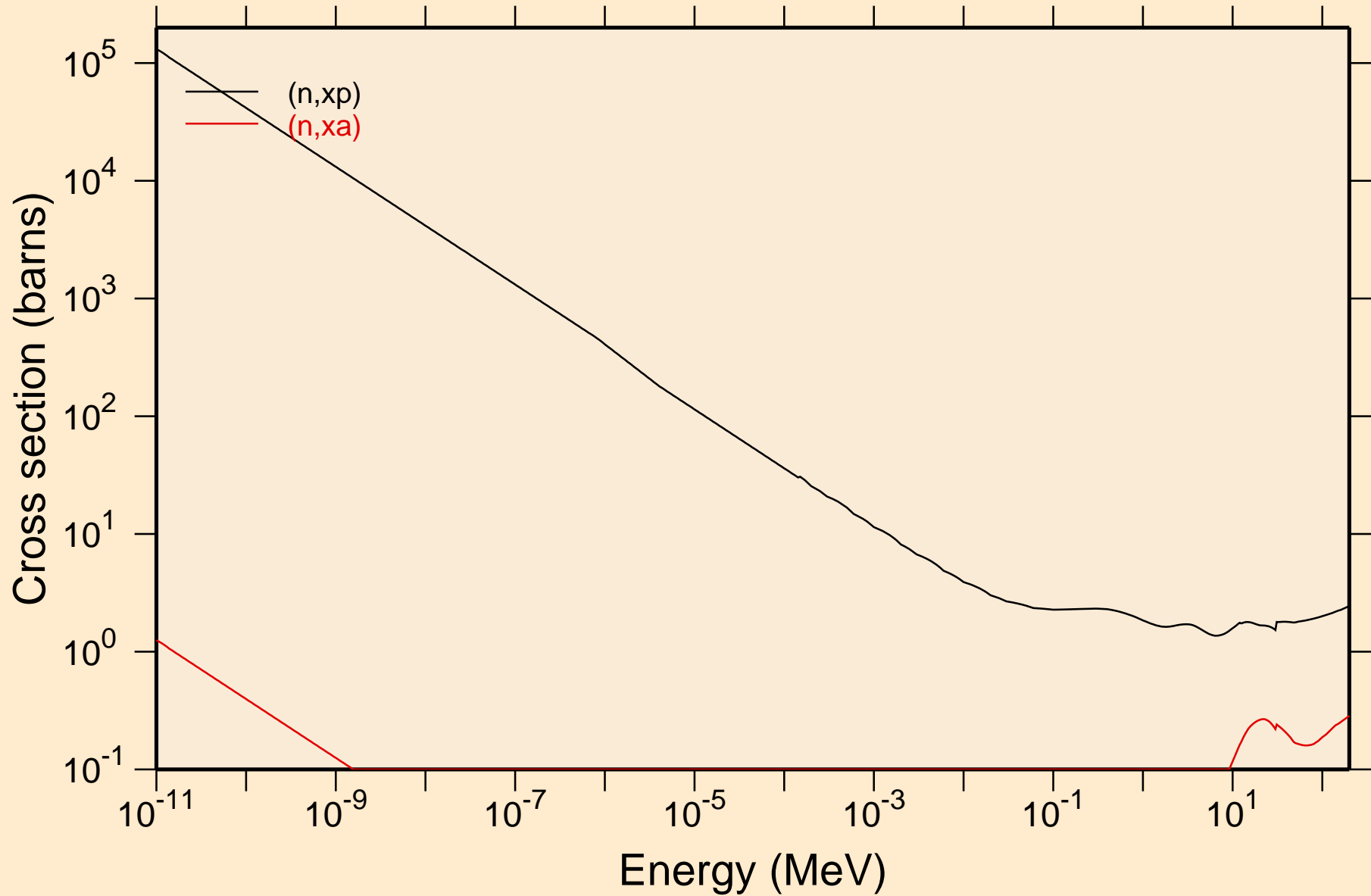
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

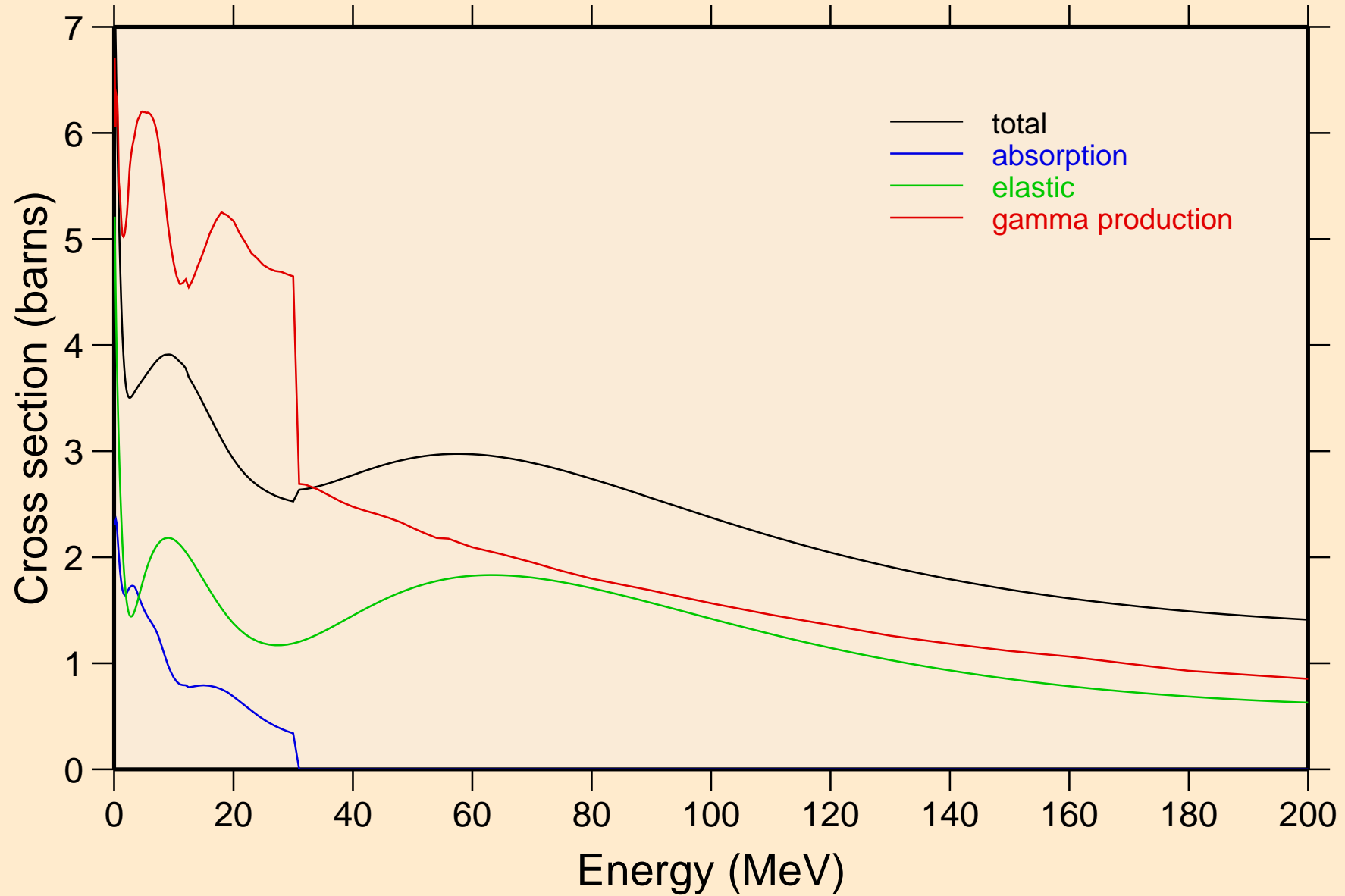


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



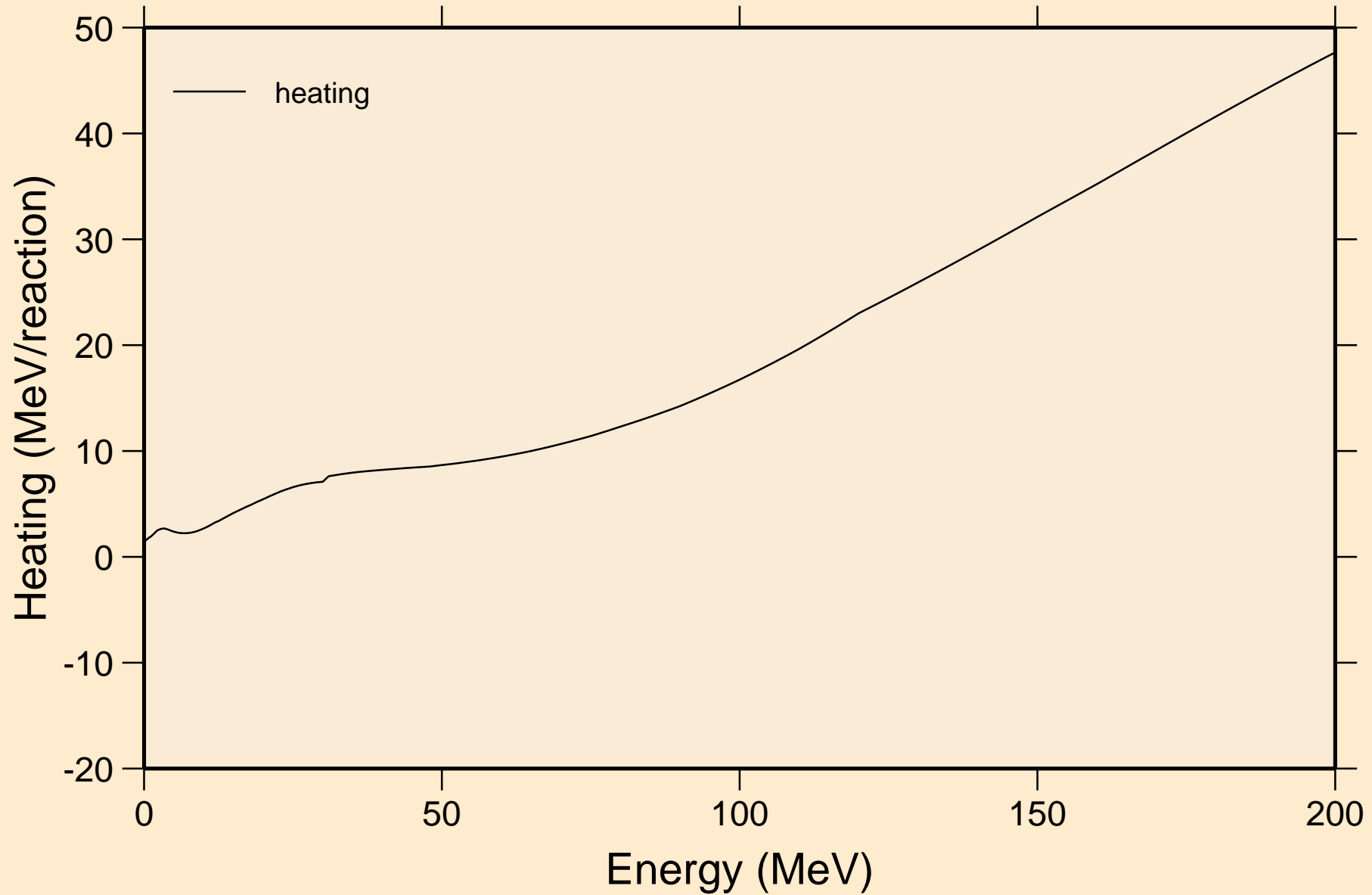
# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



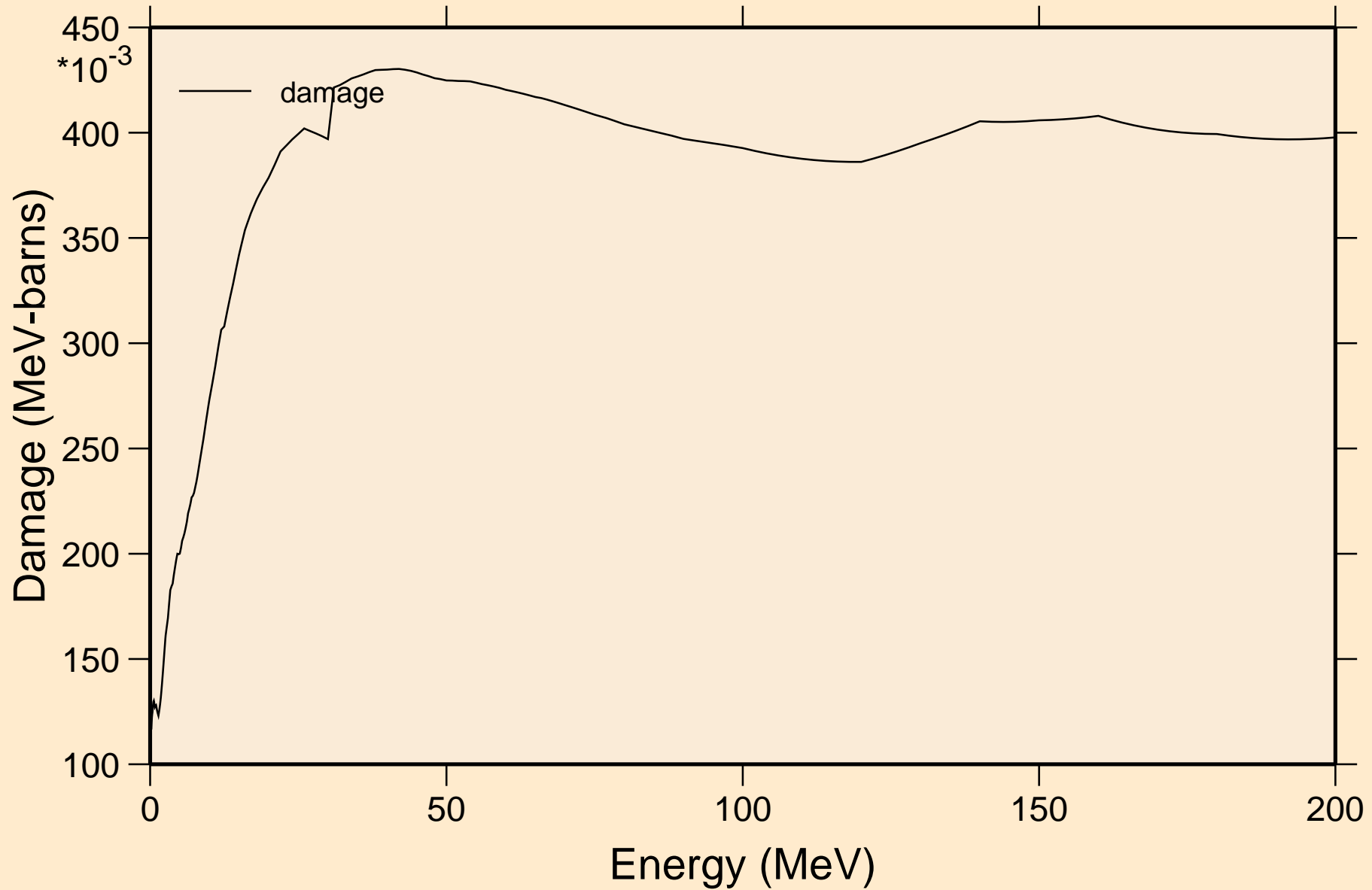
# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

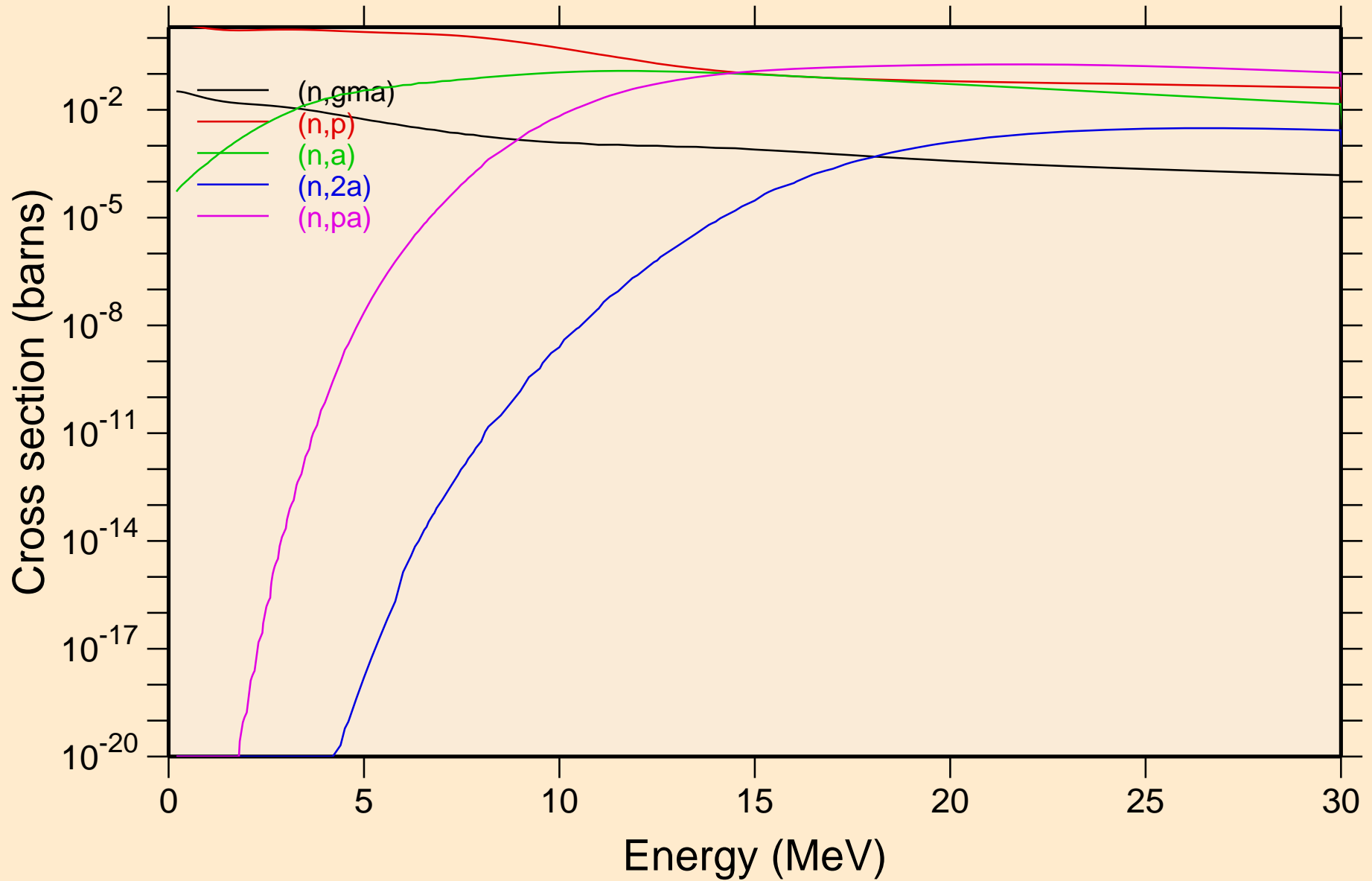
## Damage



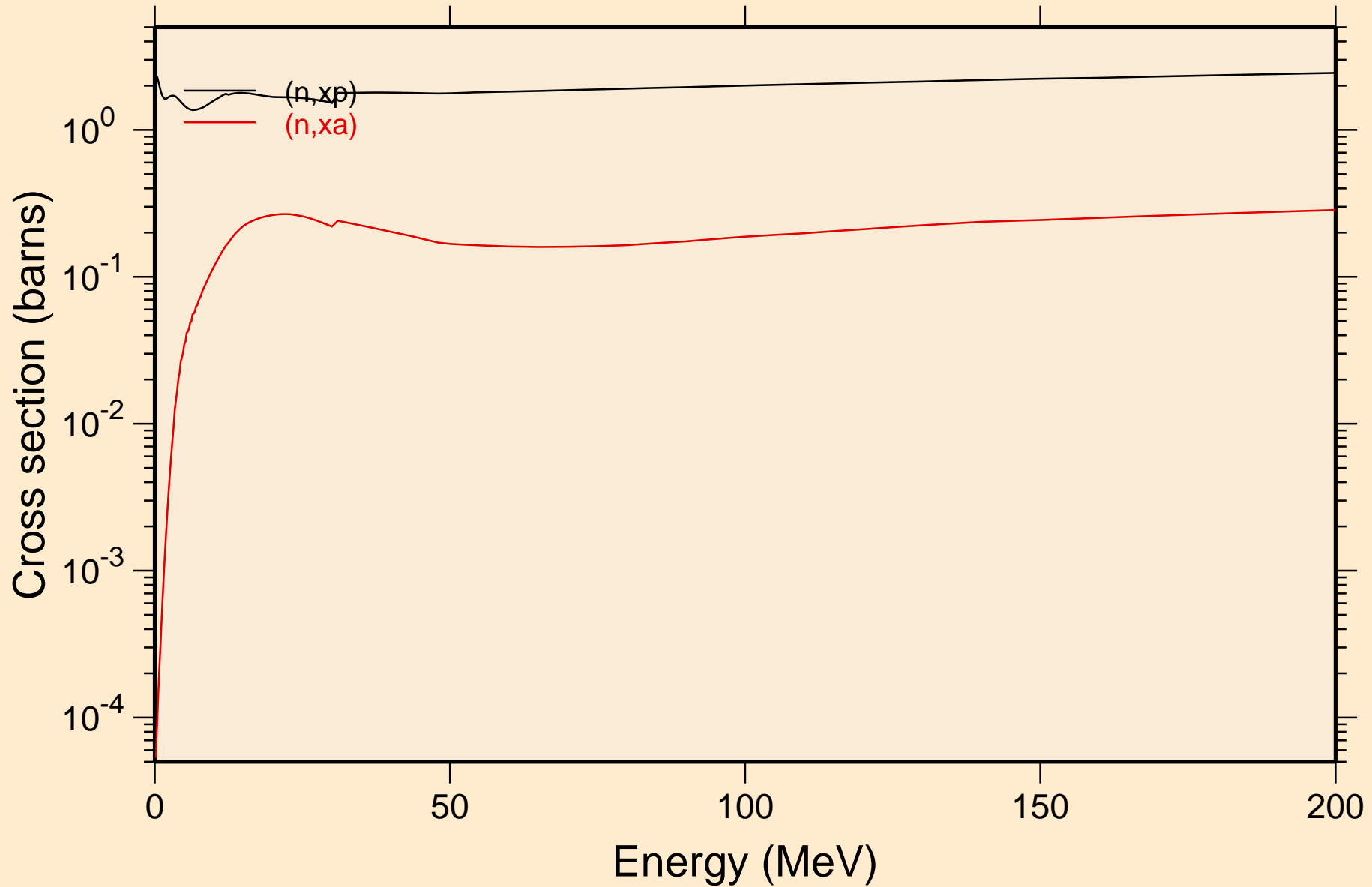


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

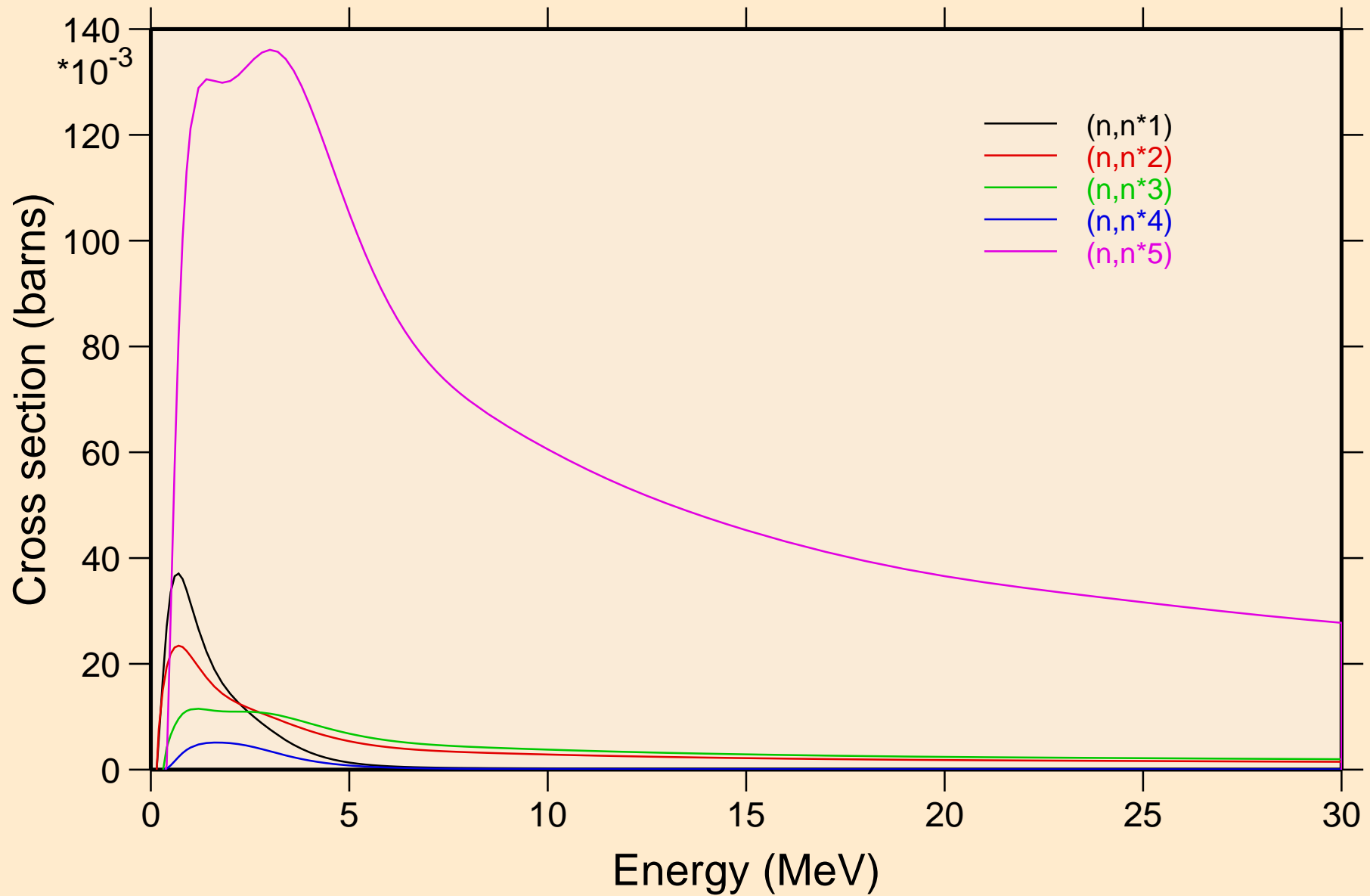
## Non-threshold reactions



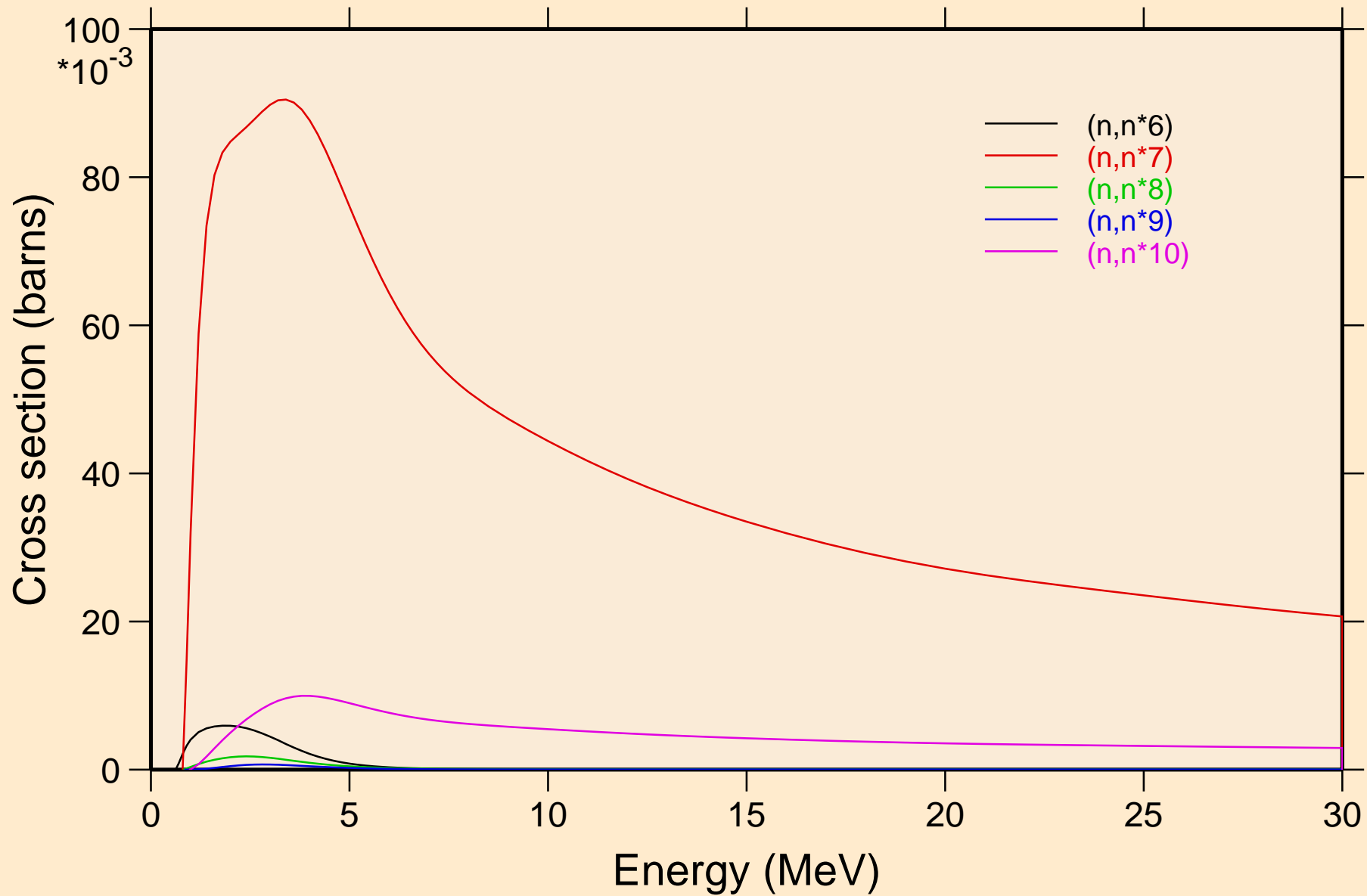
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



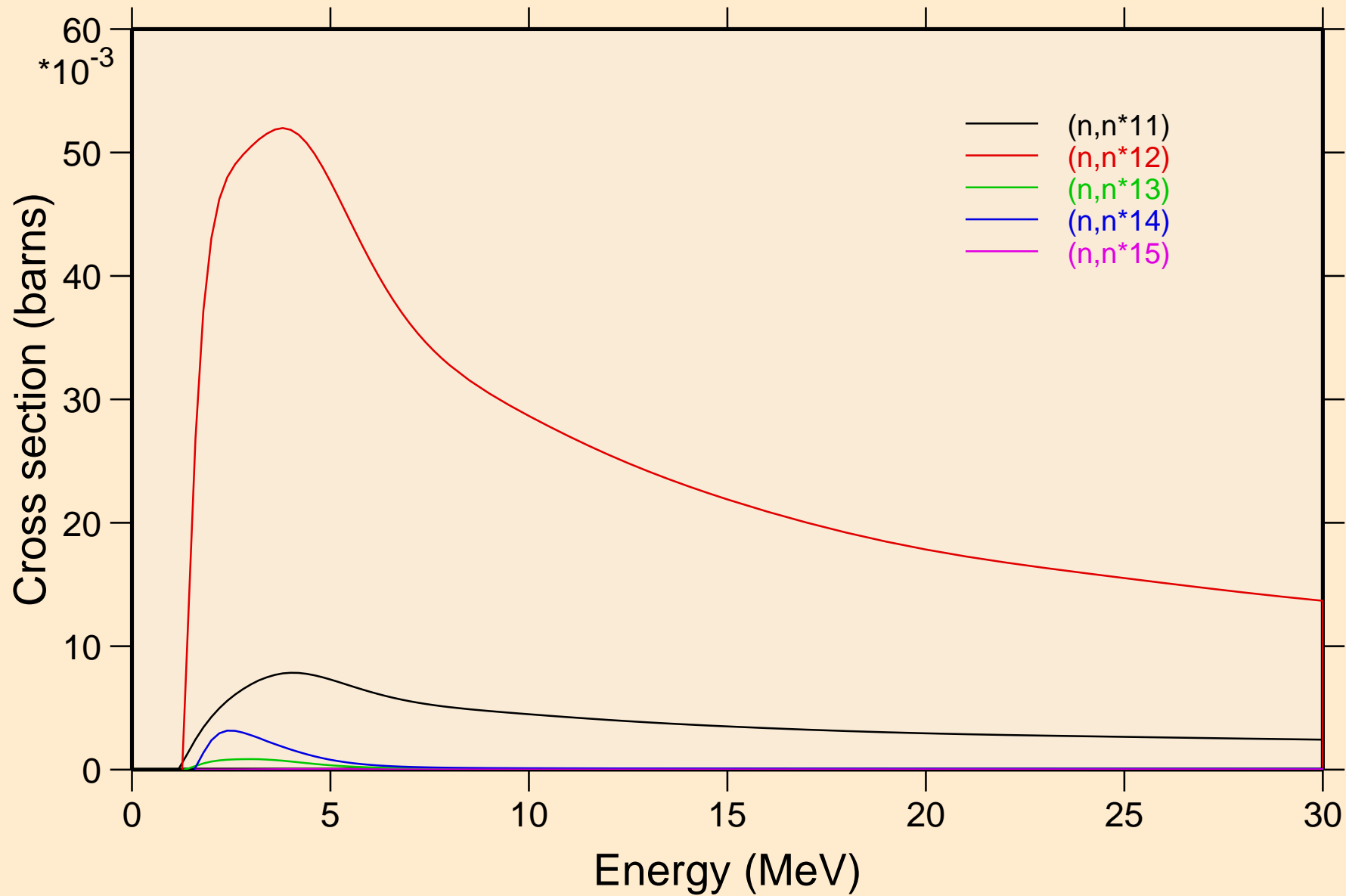
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



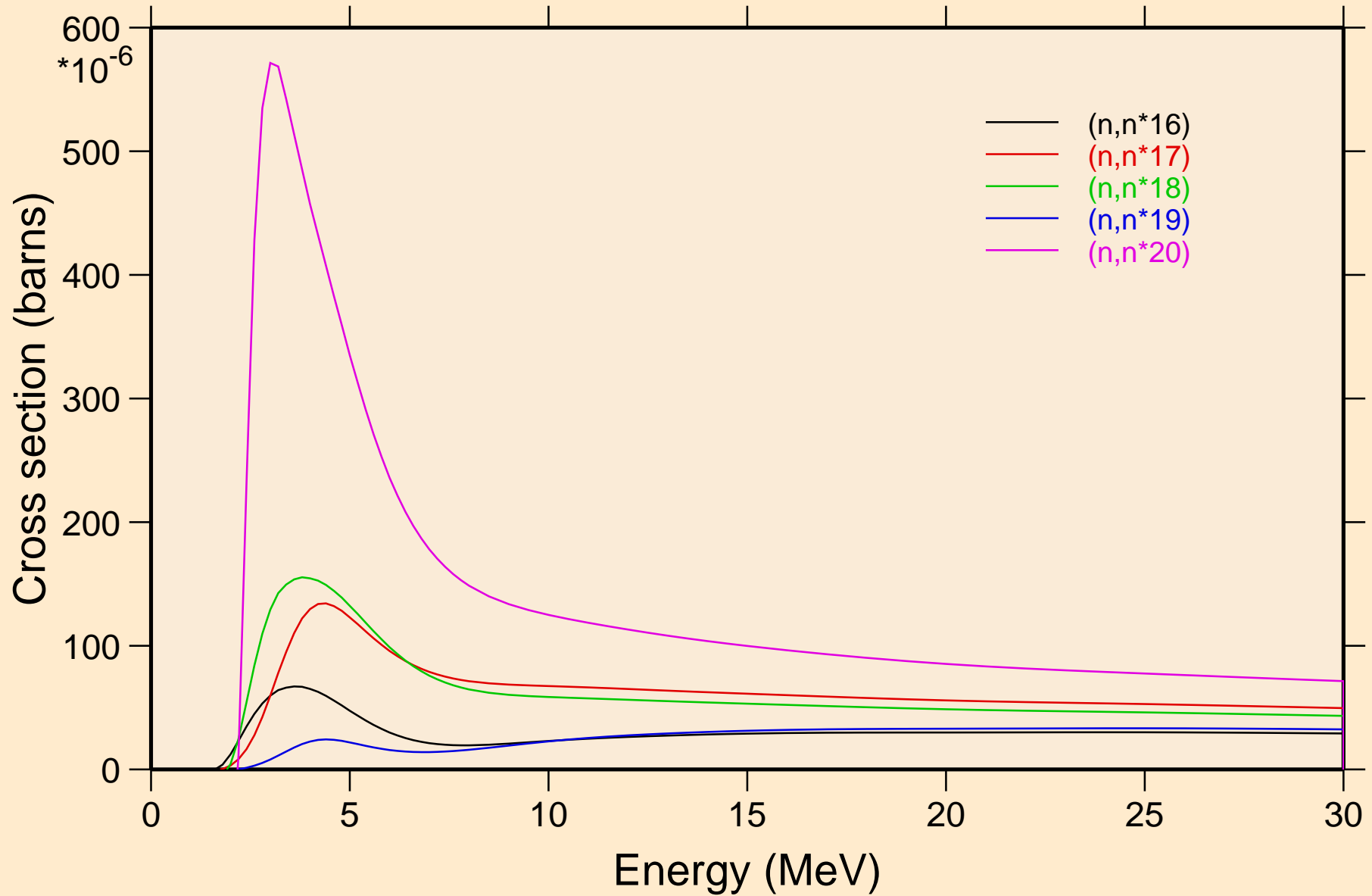
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



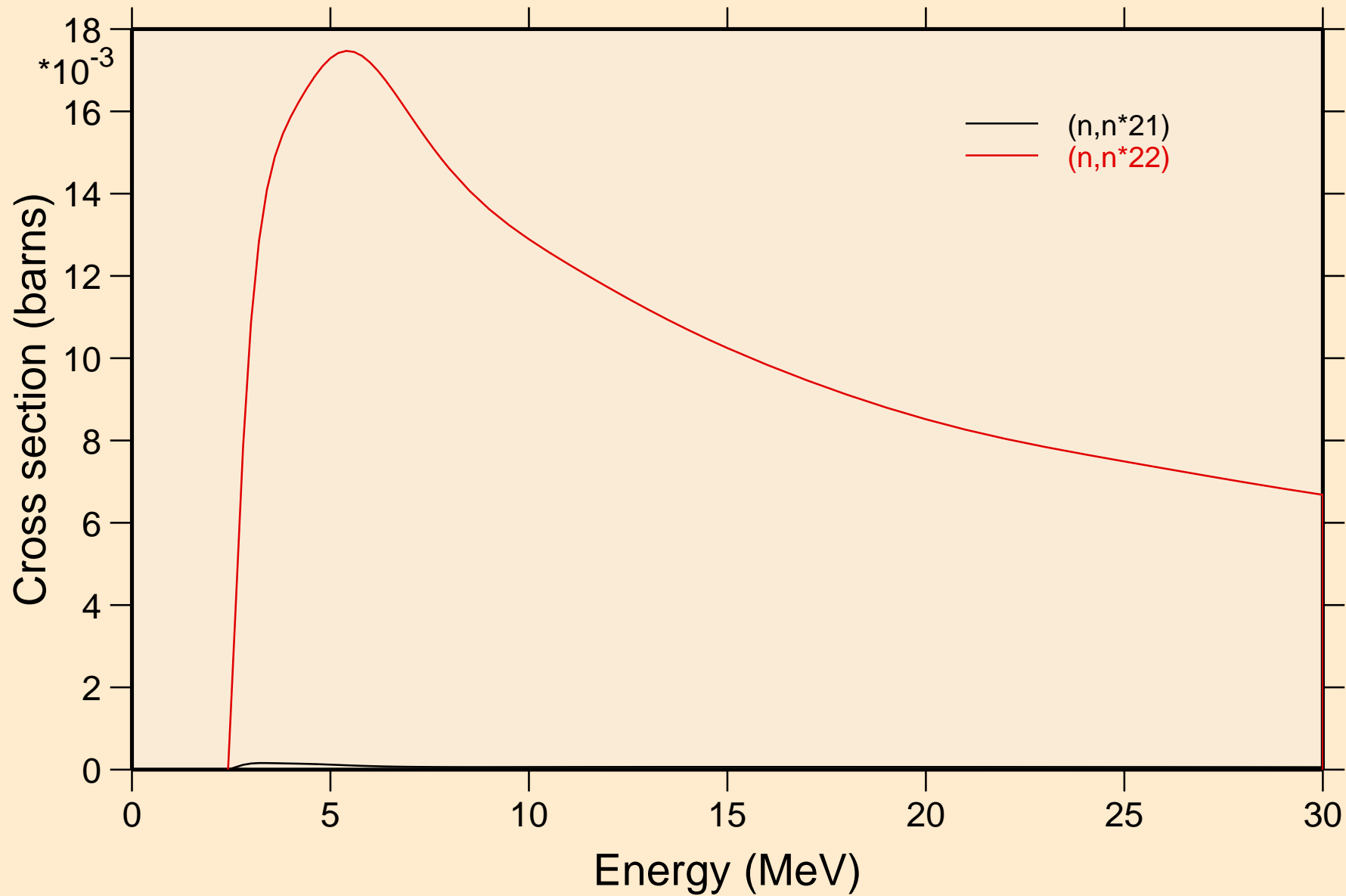
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



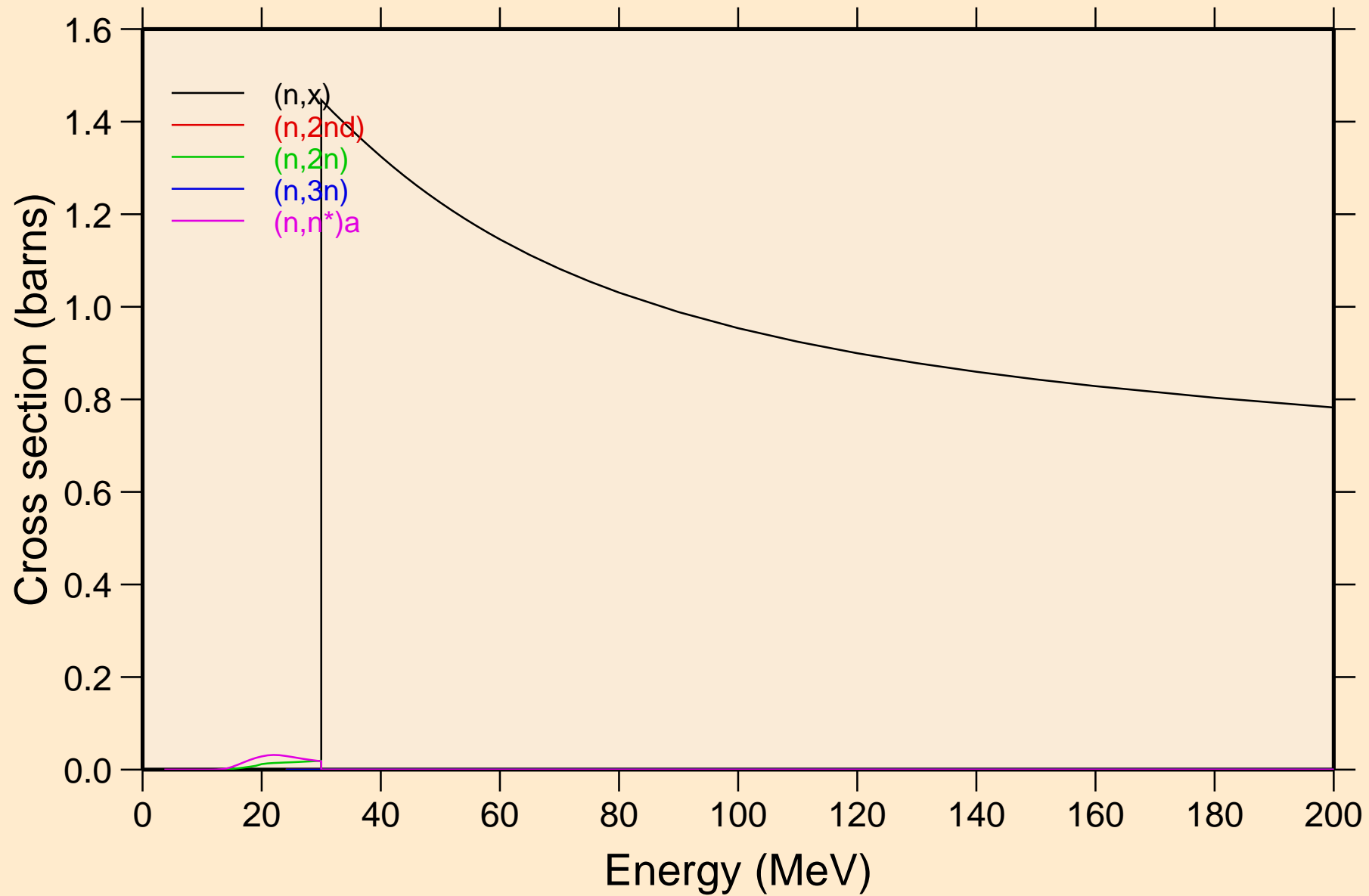
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

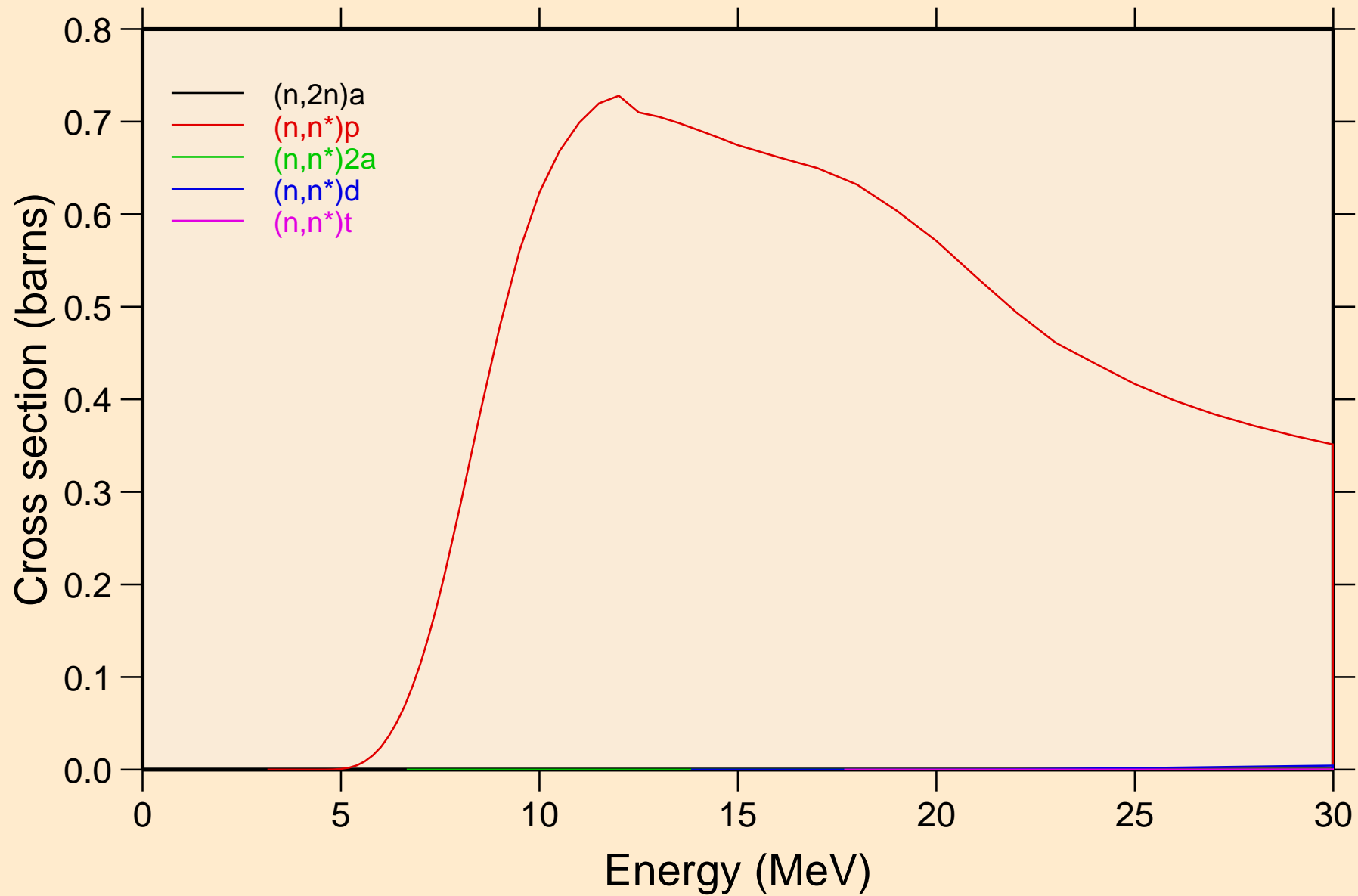


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



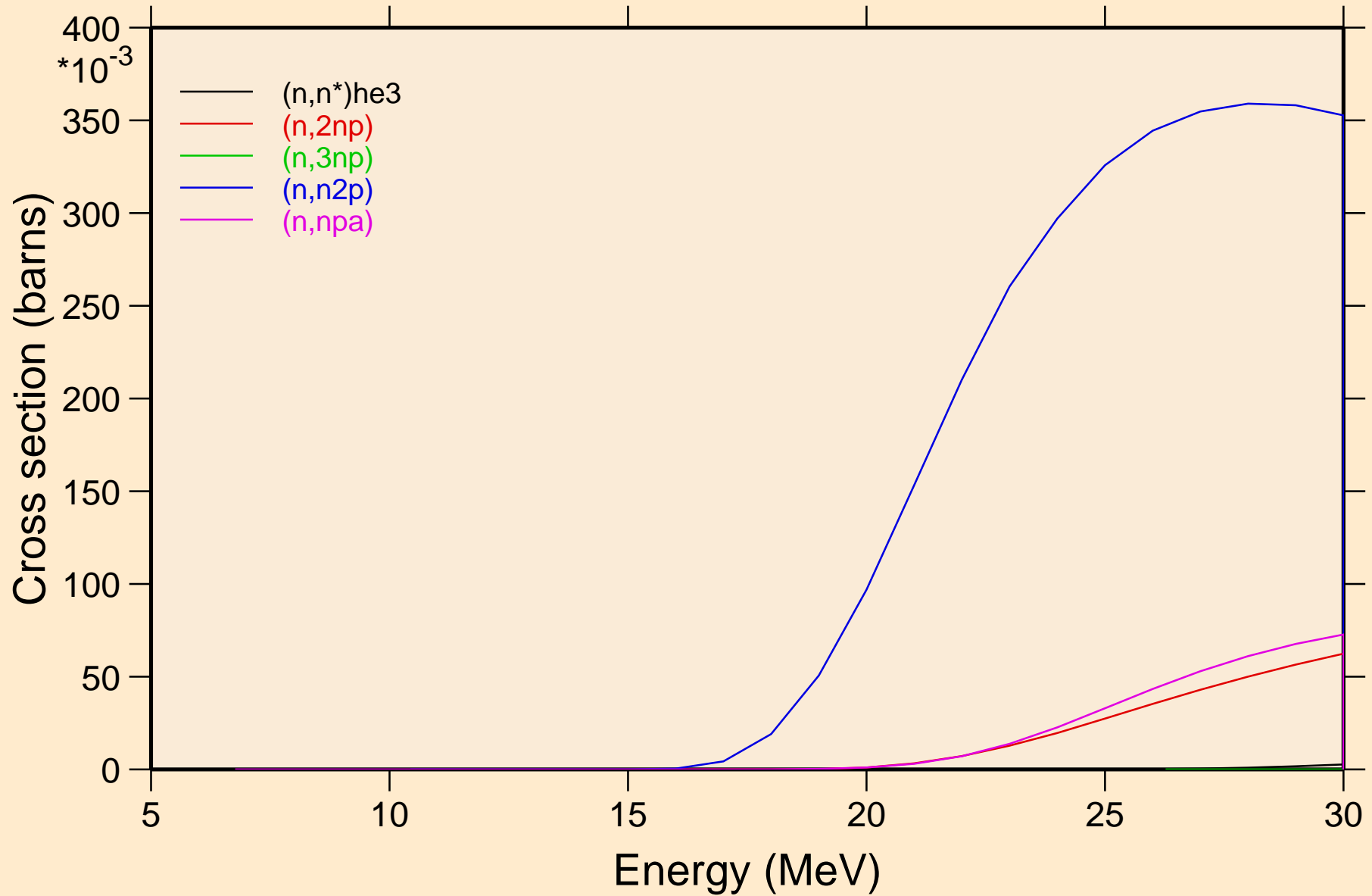


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

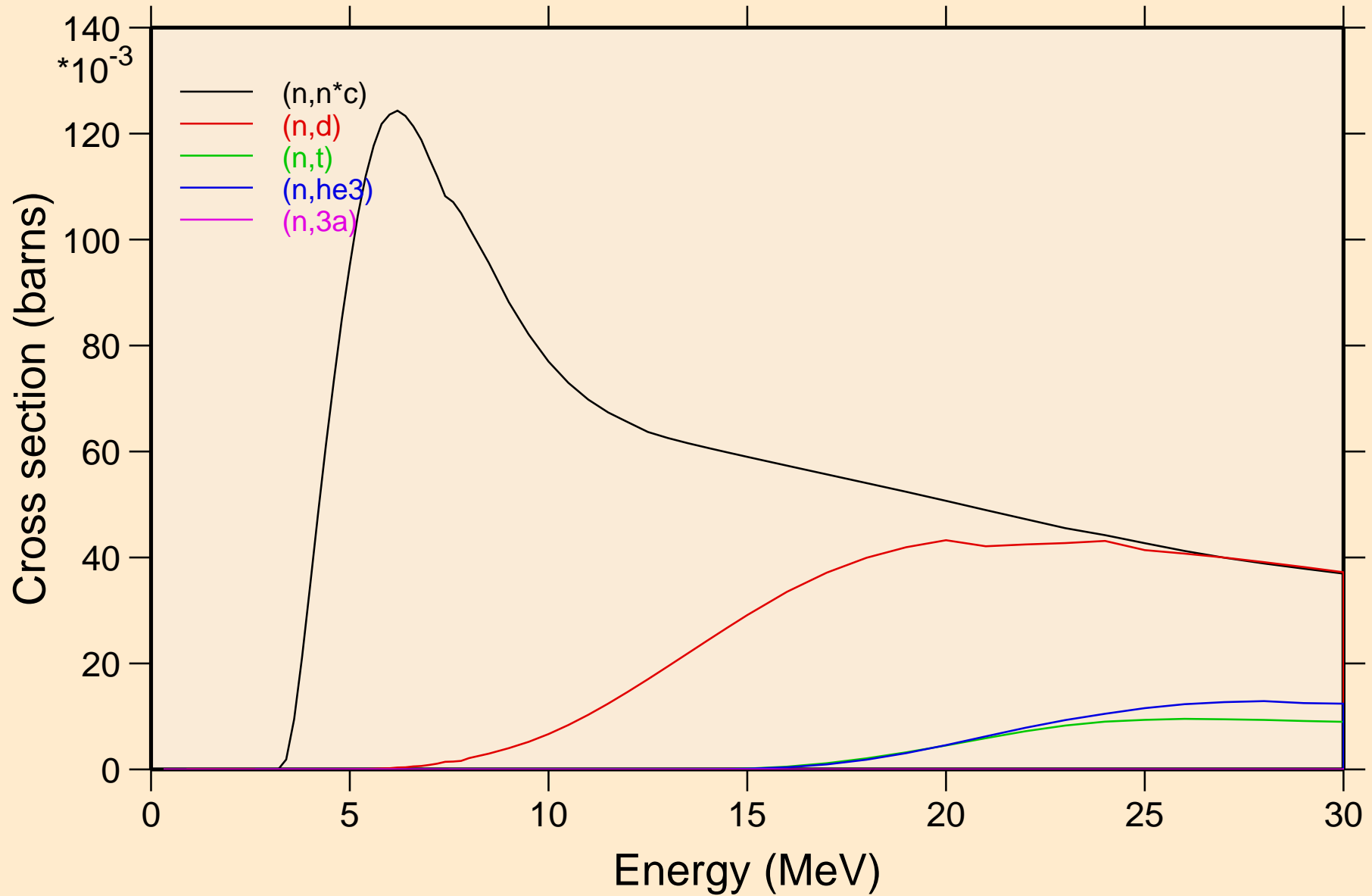


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

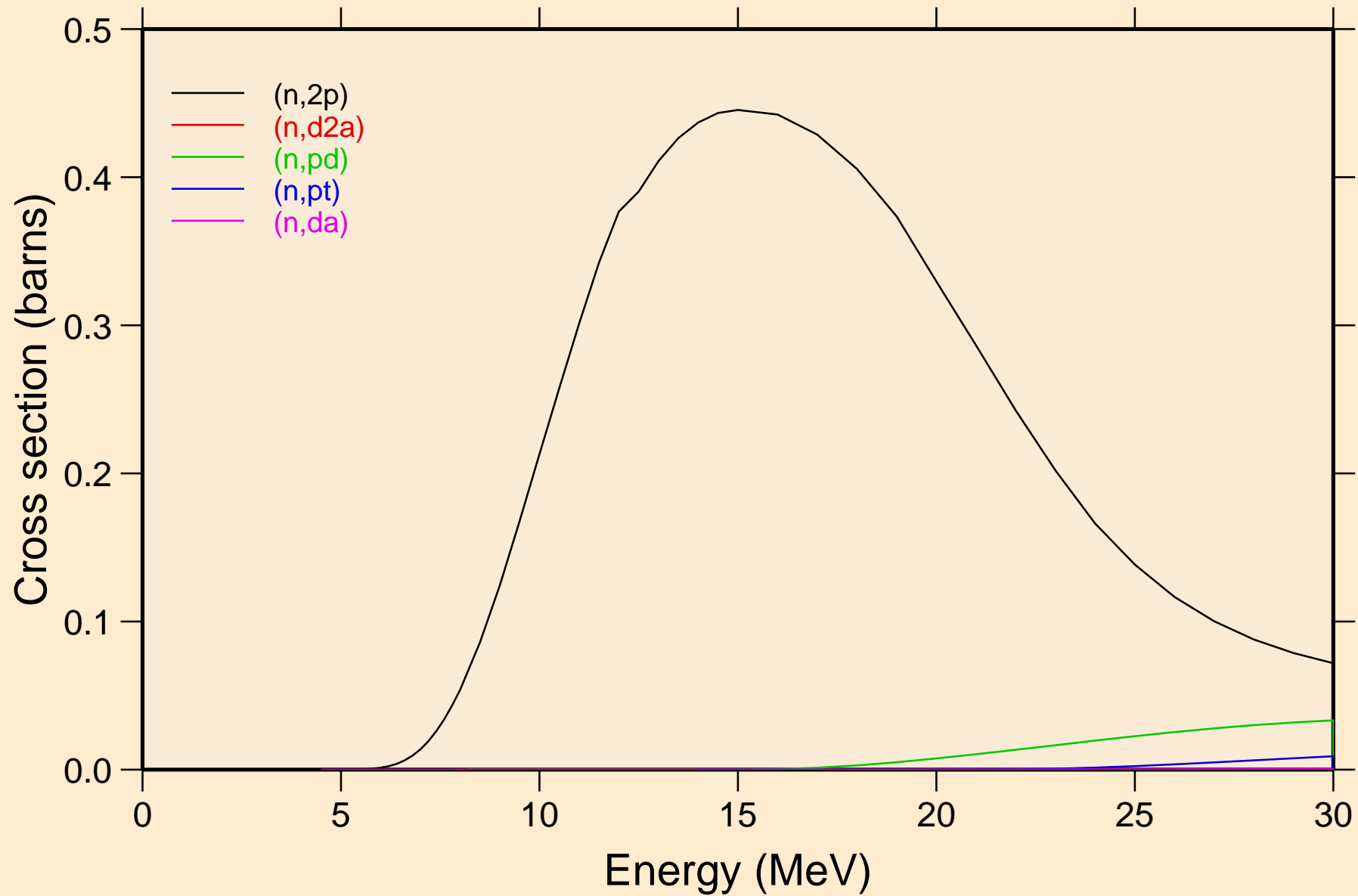
## Threshold reactions



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

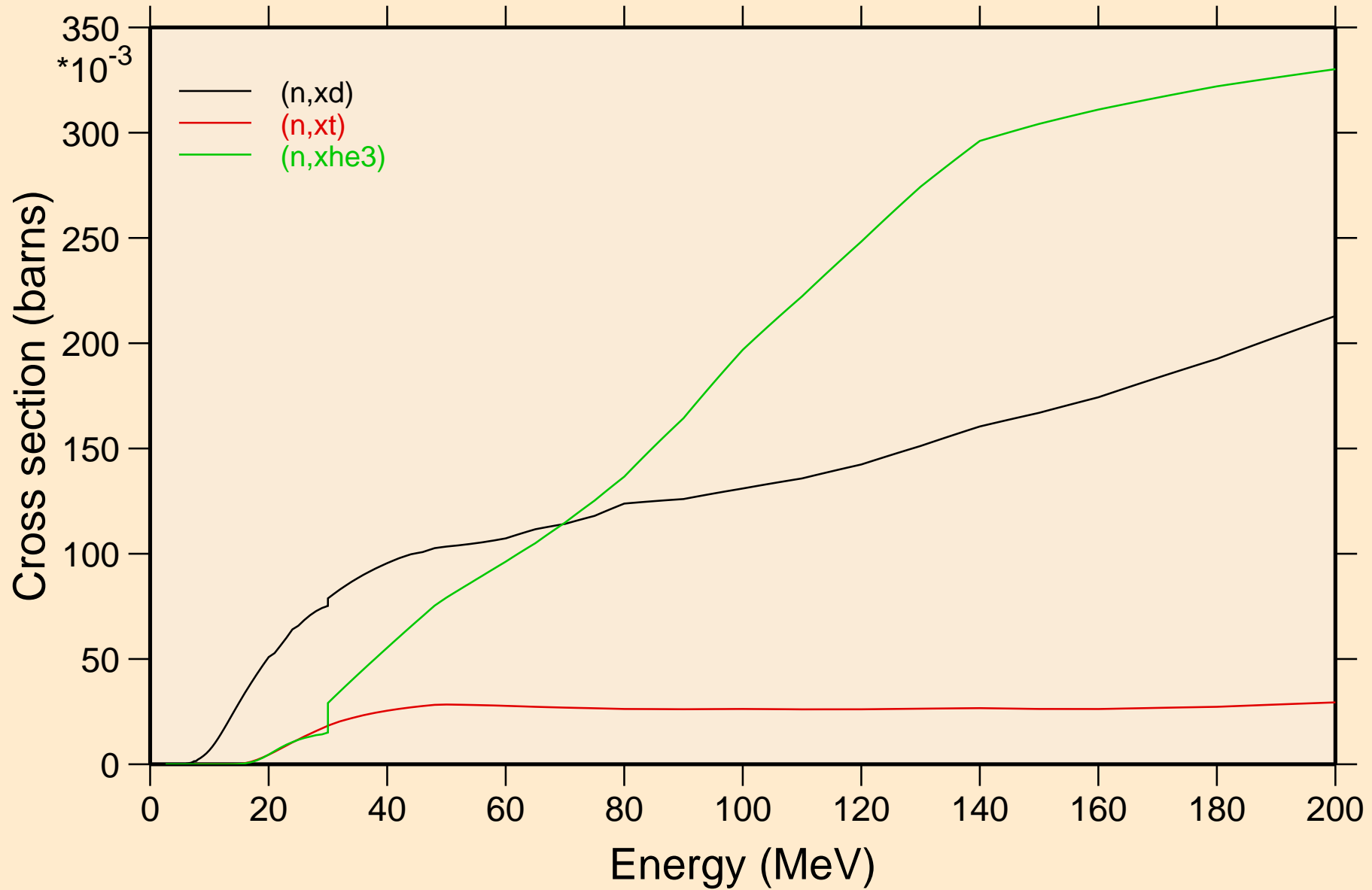


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

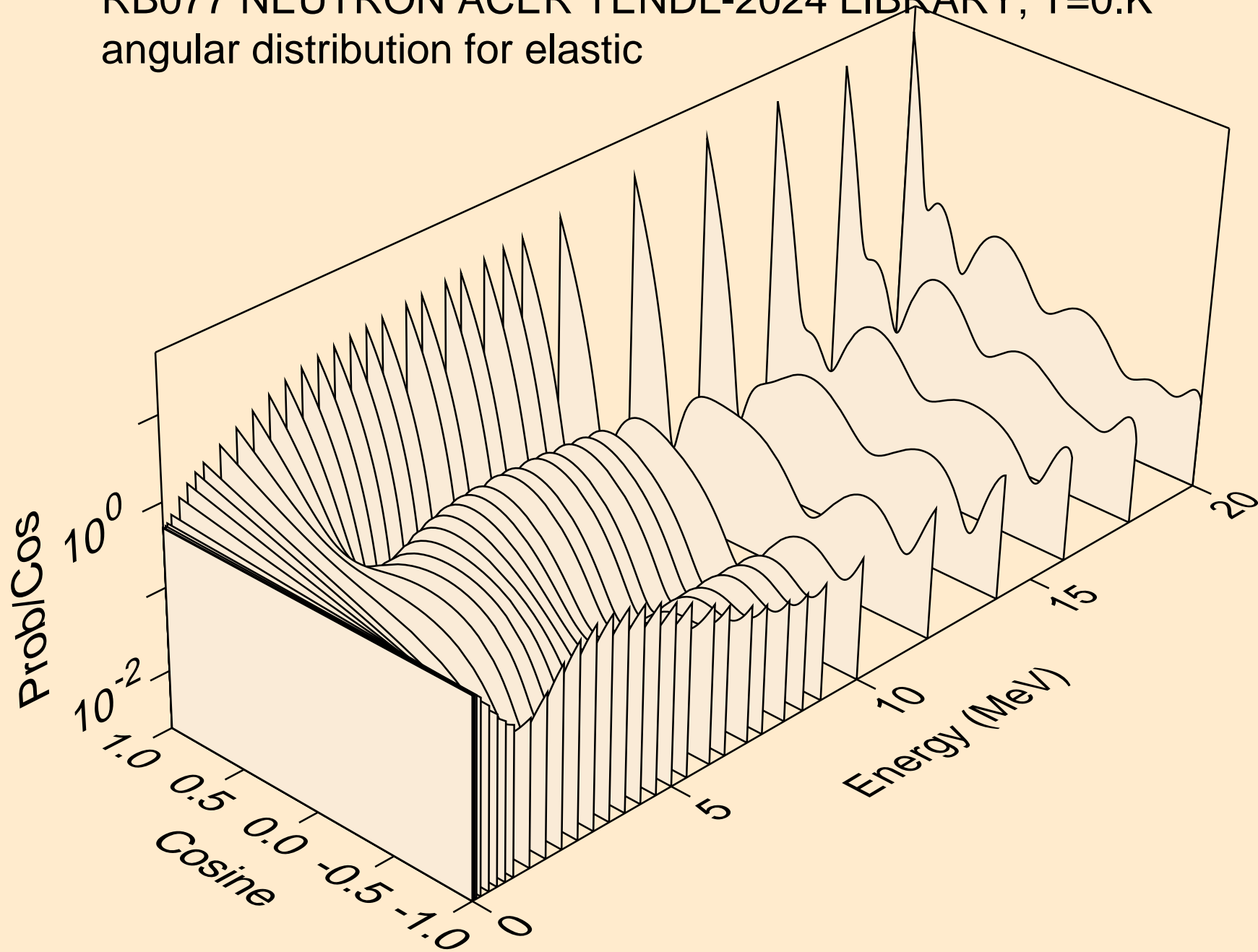


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

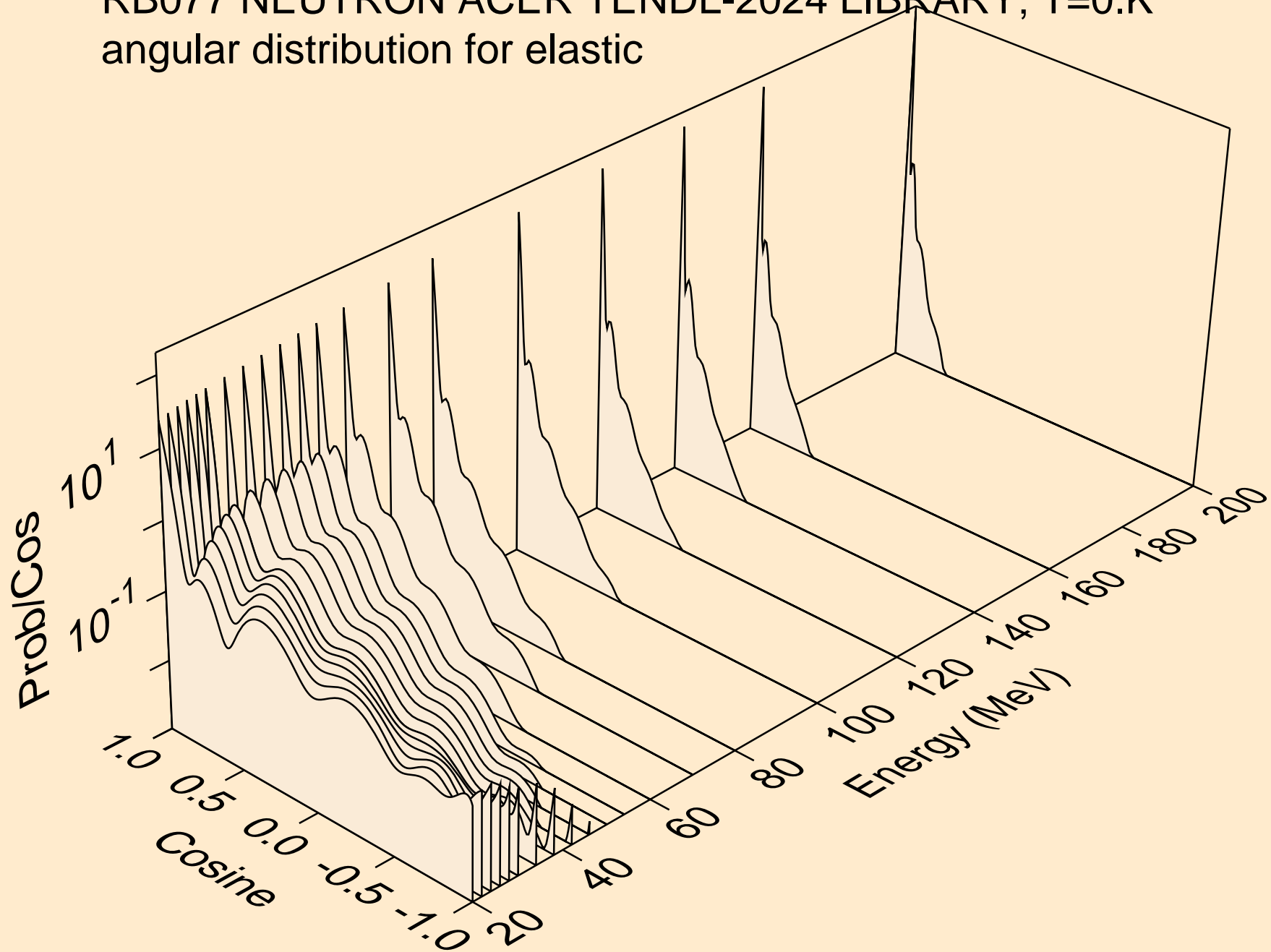
## Threshold reactions



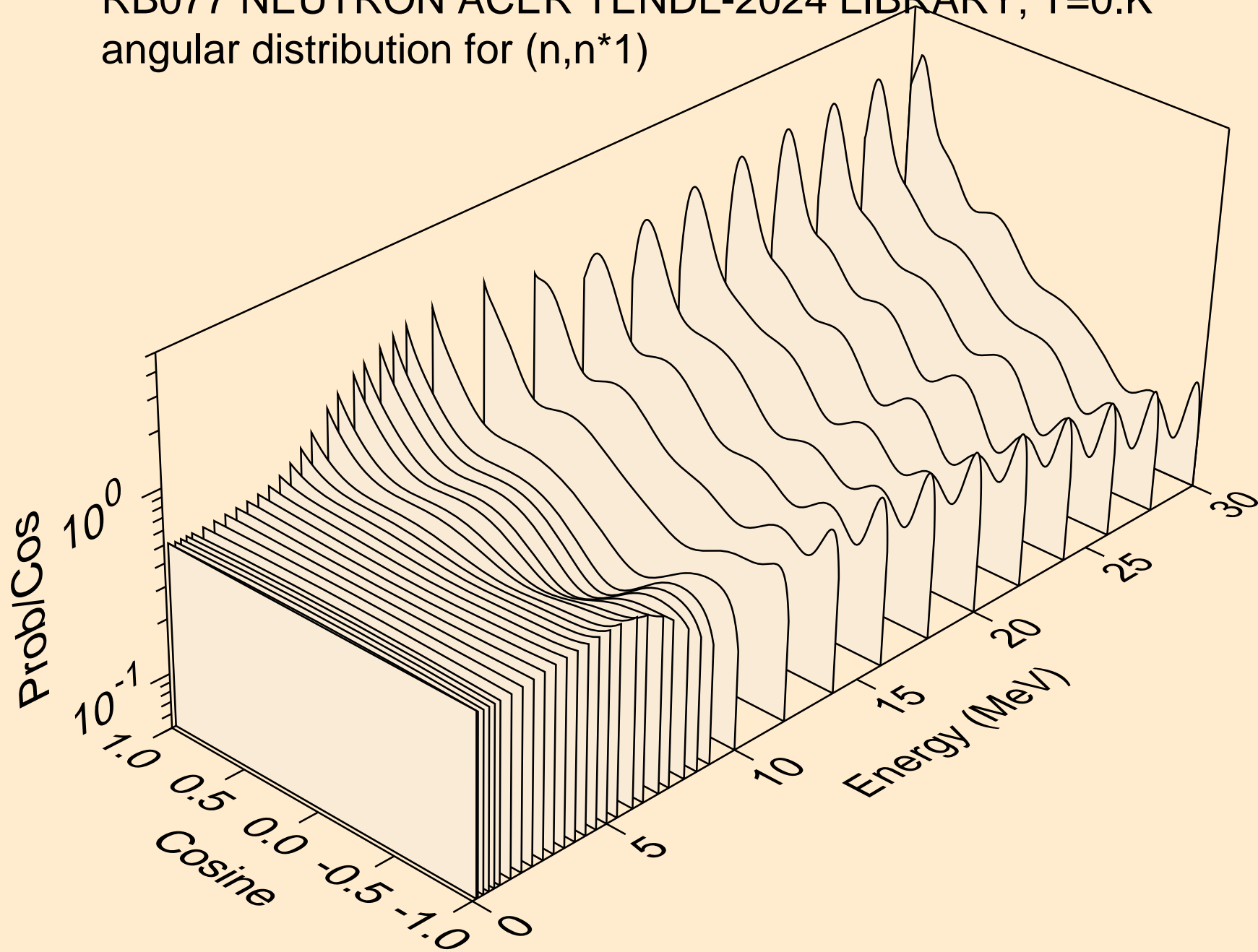
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

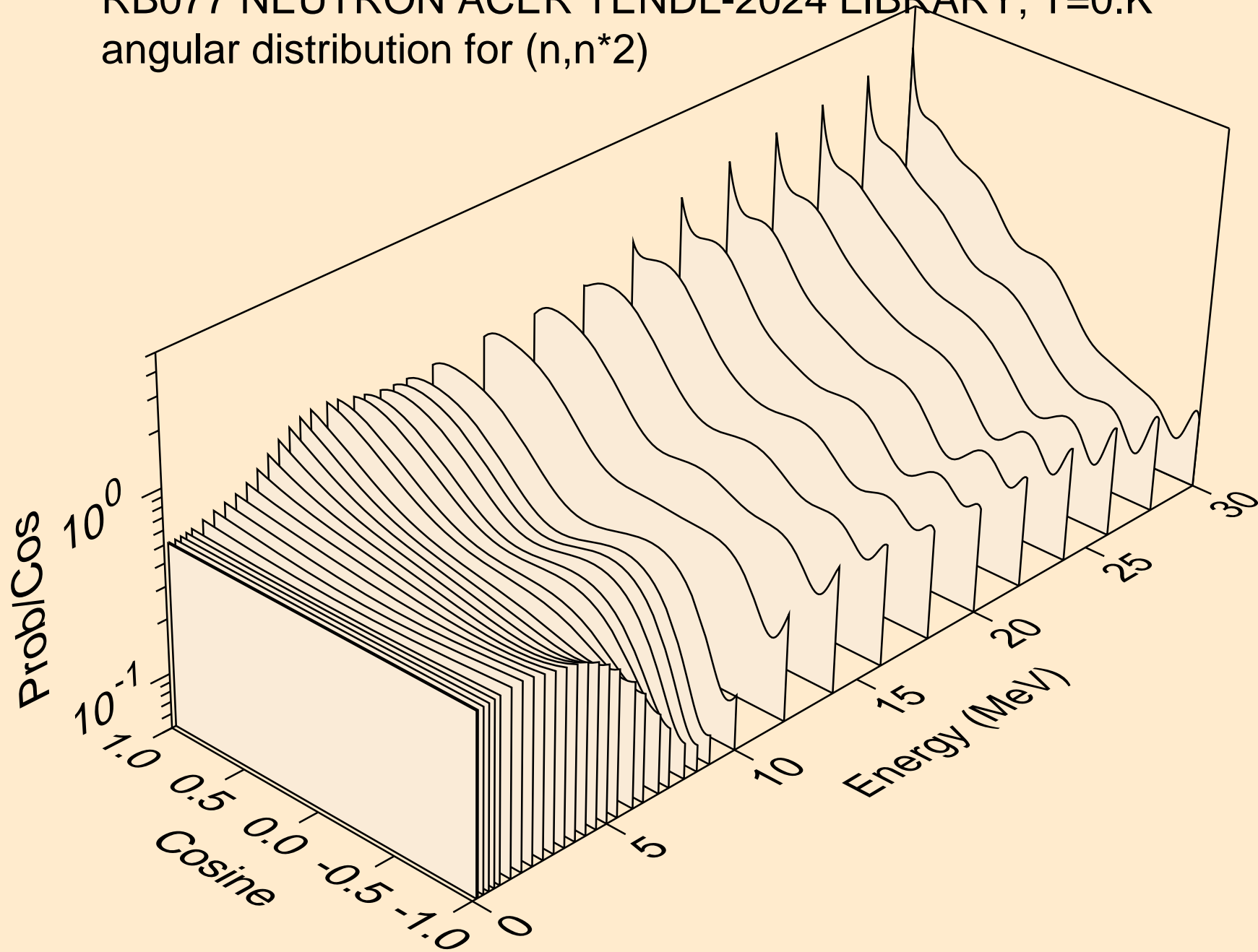


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

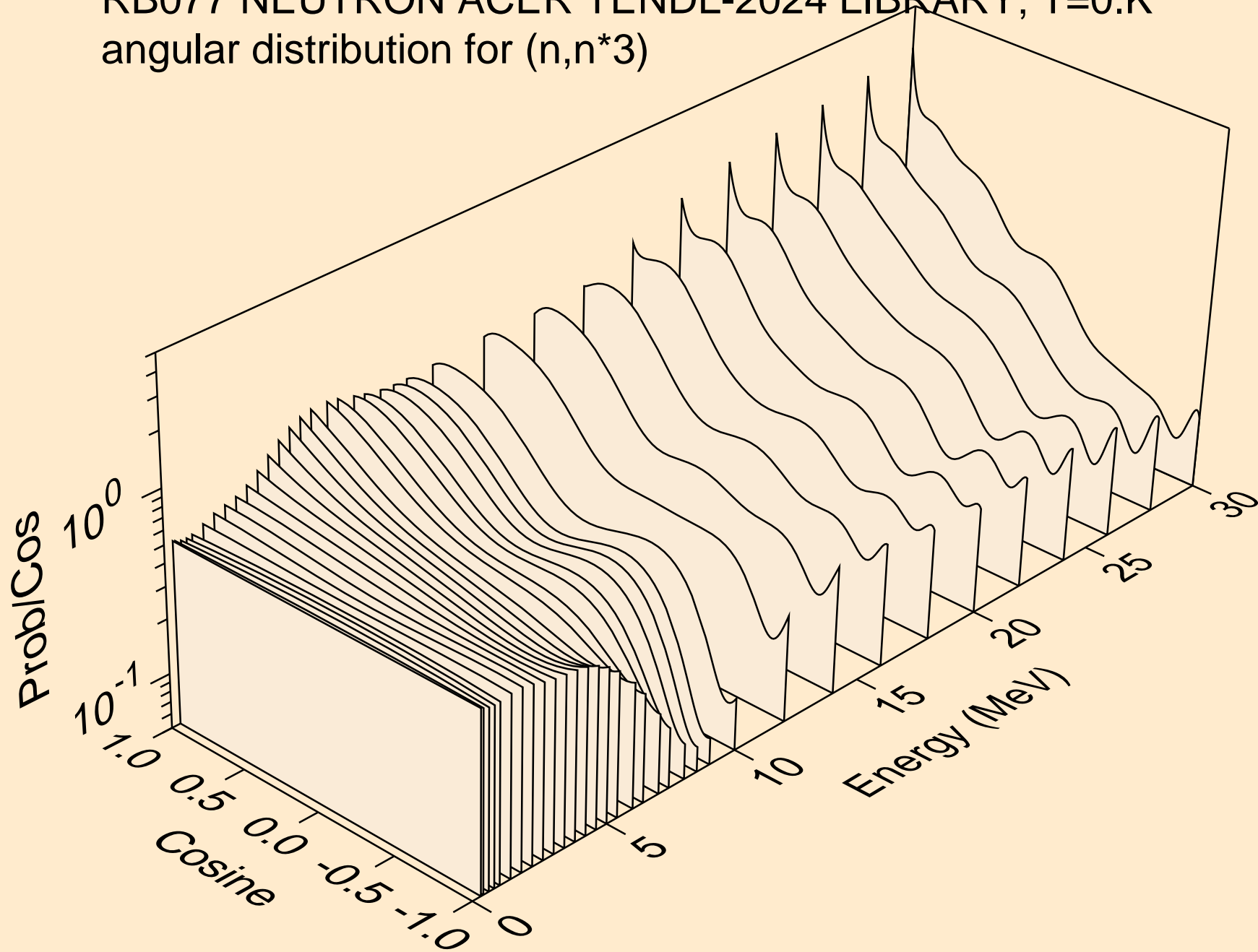




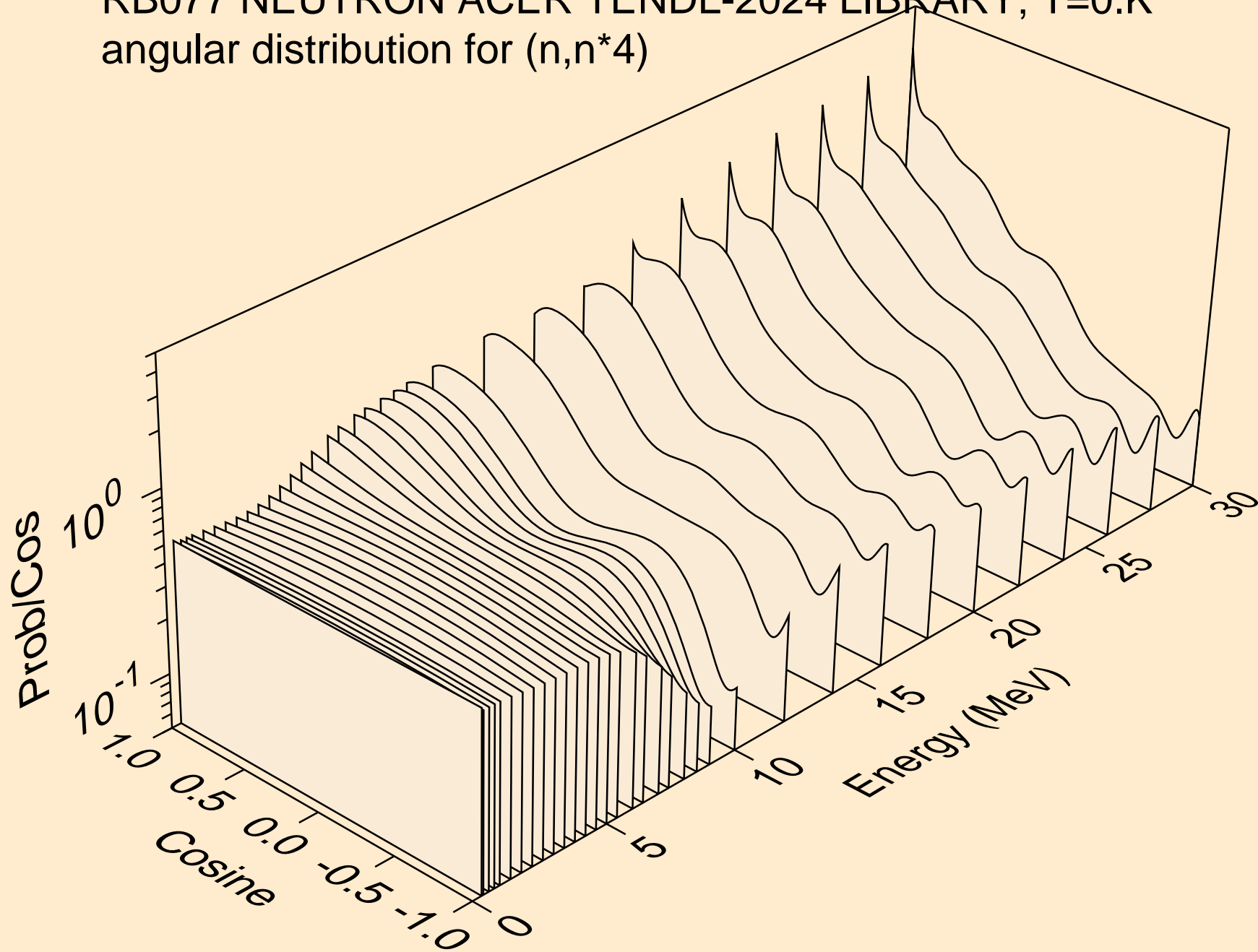
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



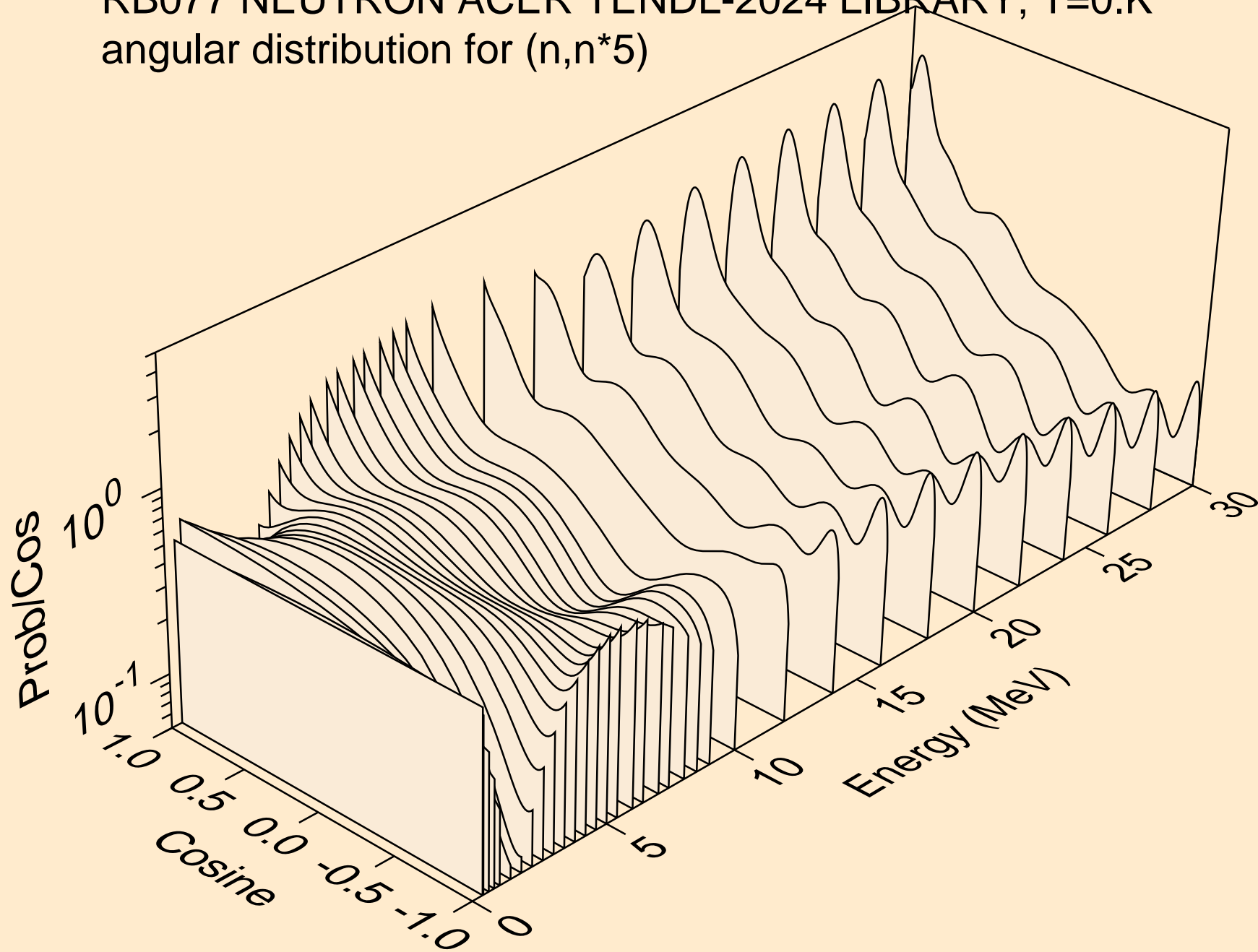
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angular distribution for (n,n\*3)



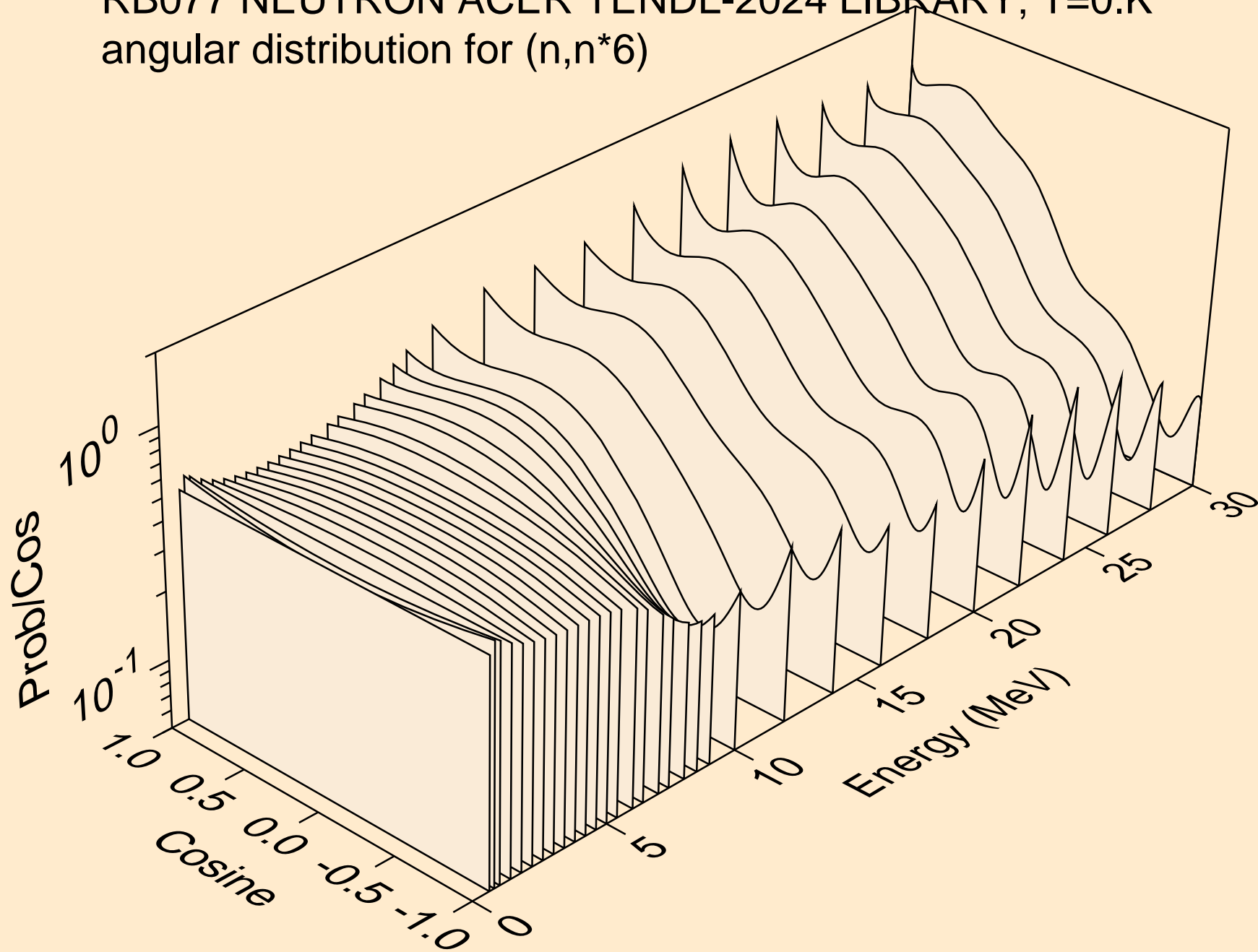
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angular distribution for (n,n\*4)



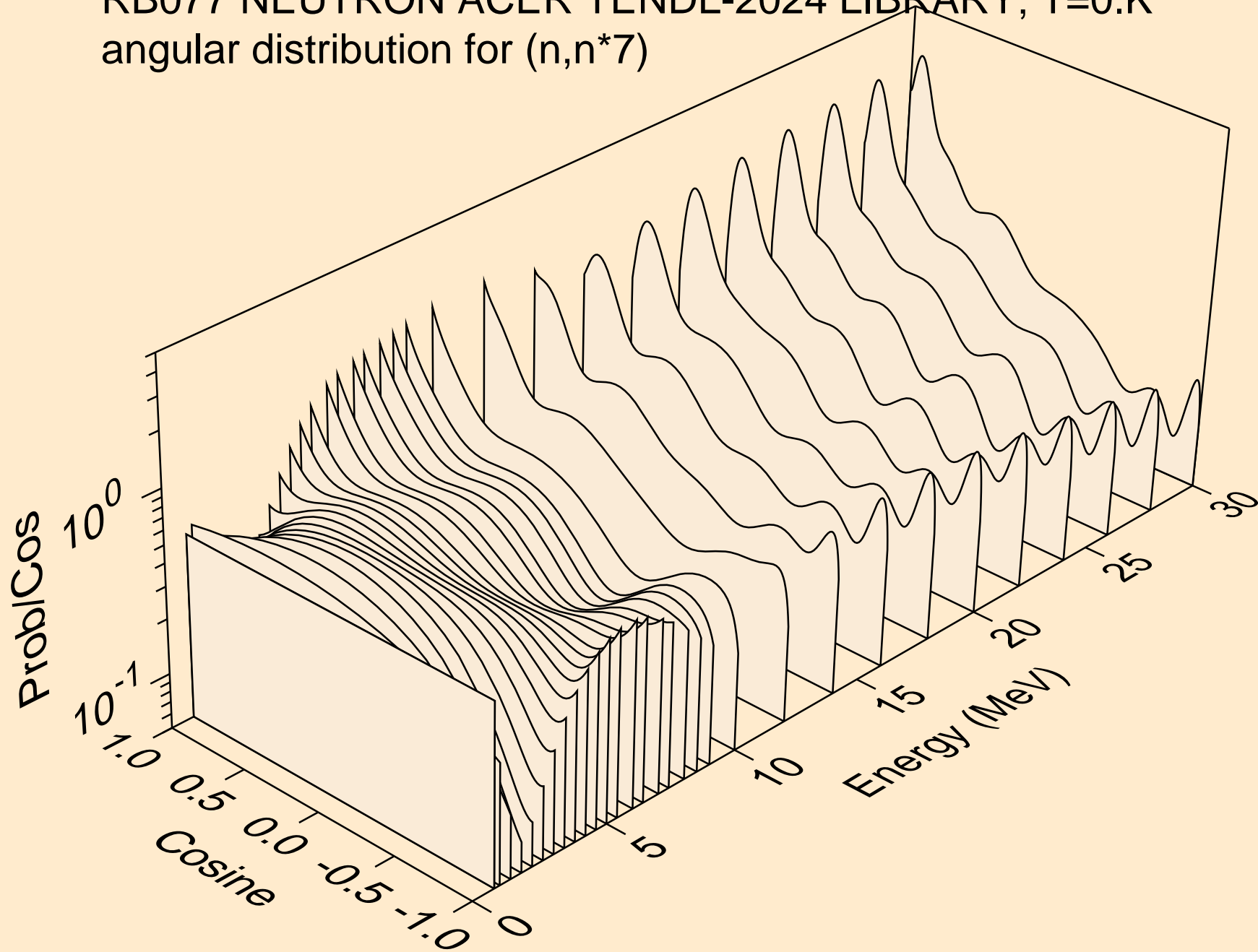
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angular distribution for (n,n\*5)



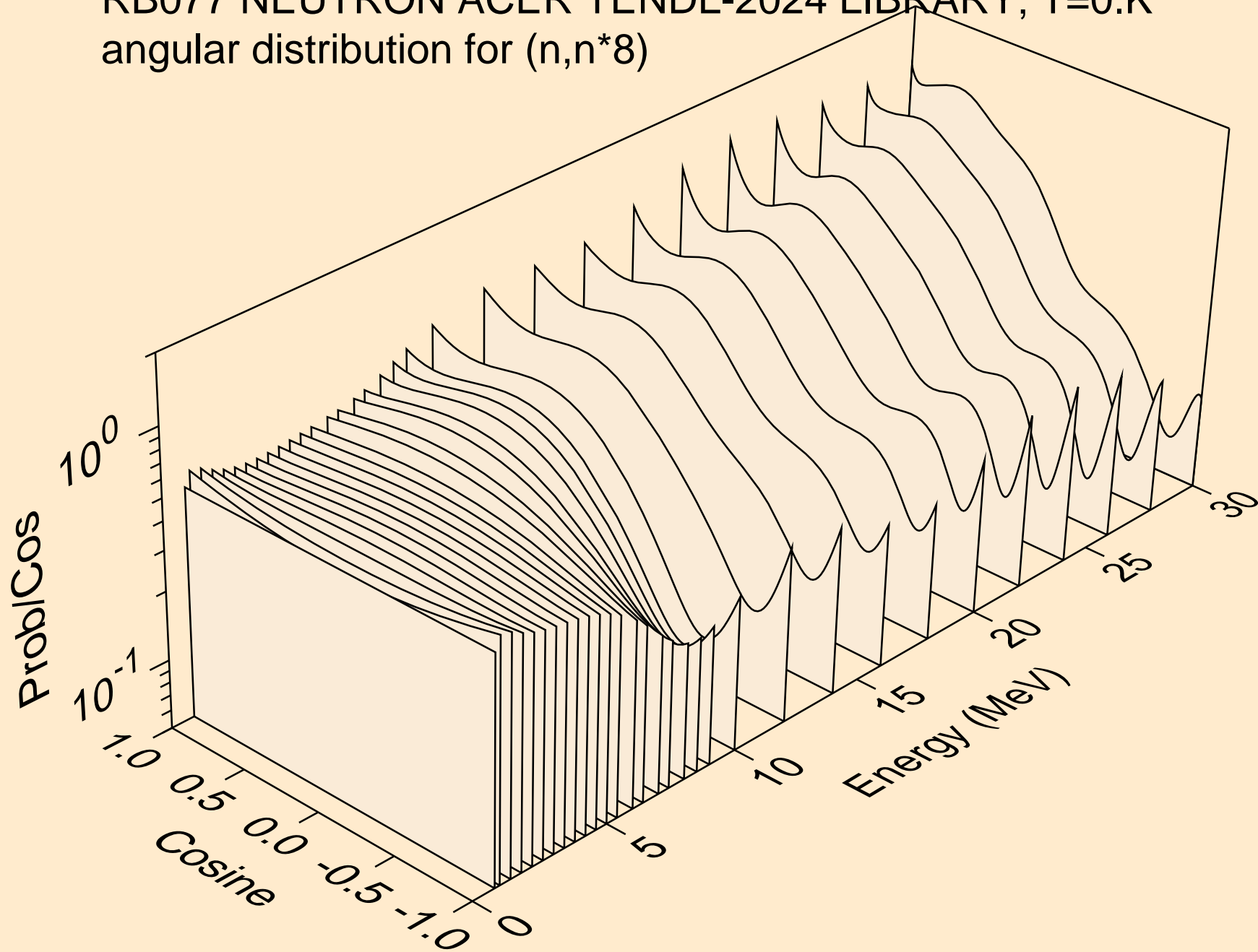
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angular distribution for (n,n\*6)



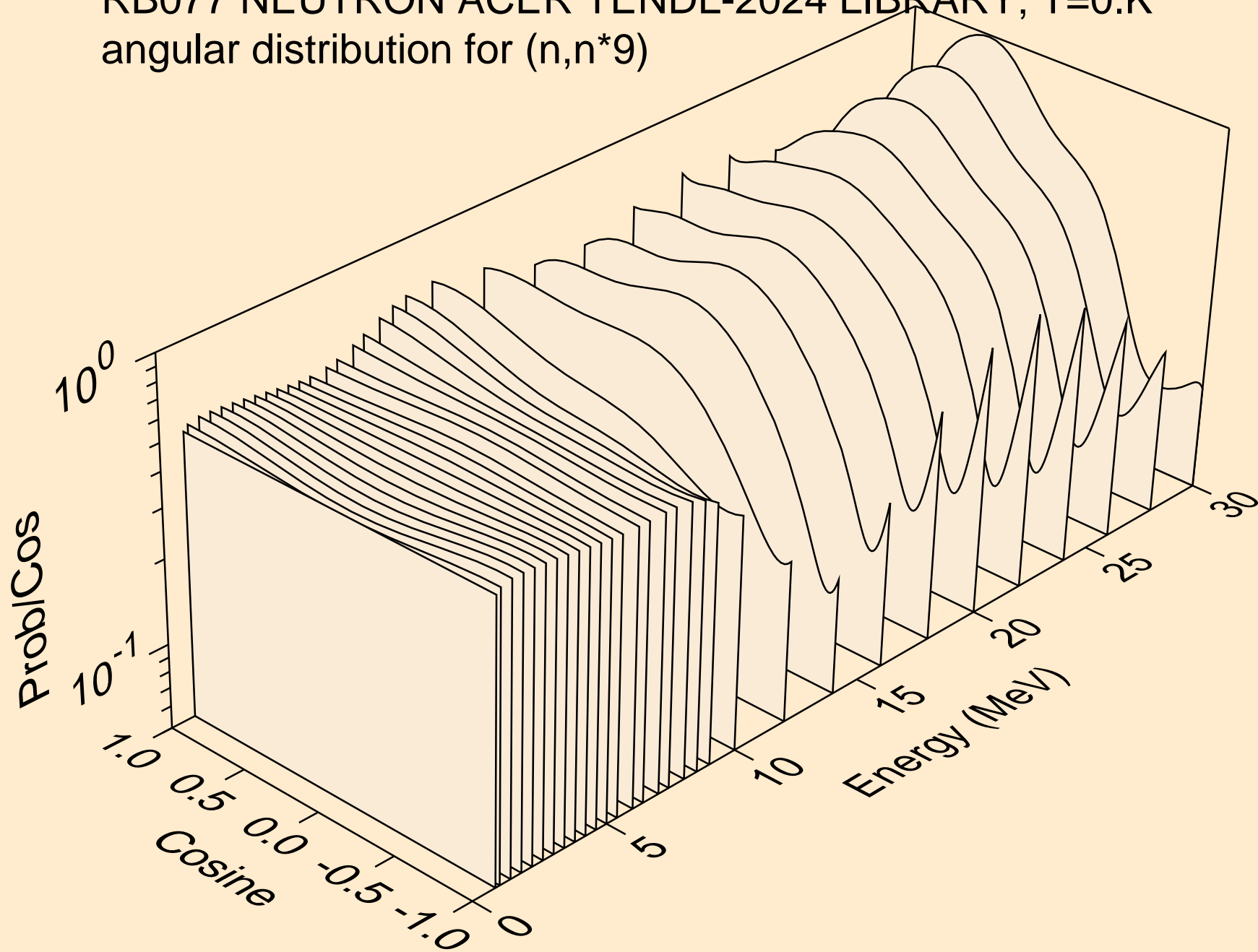
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

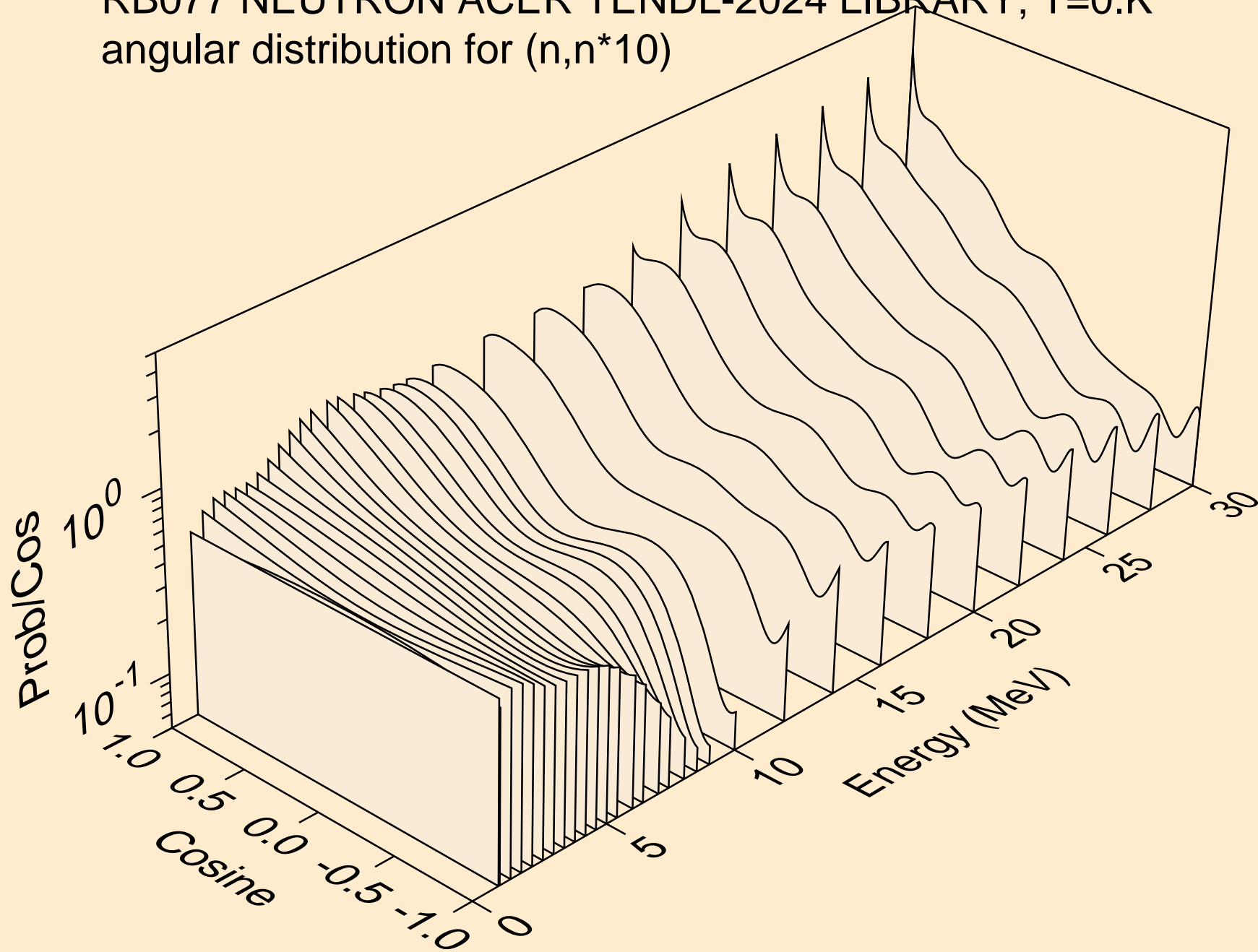


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

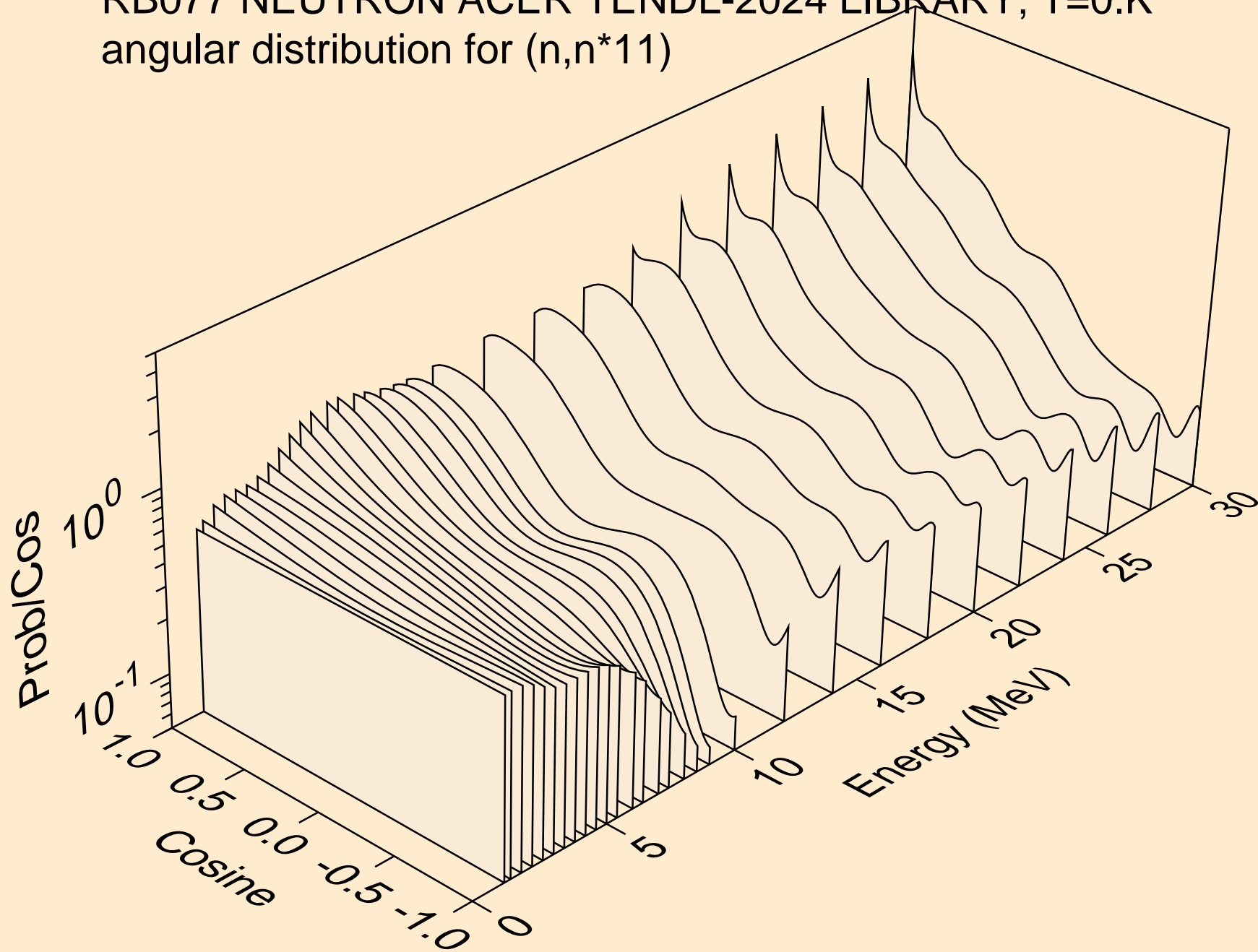




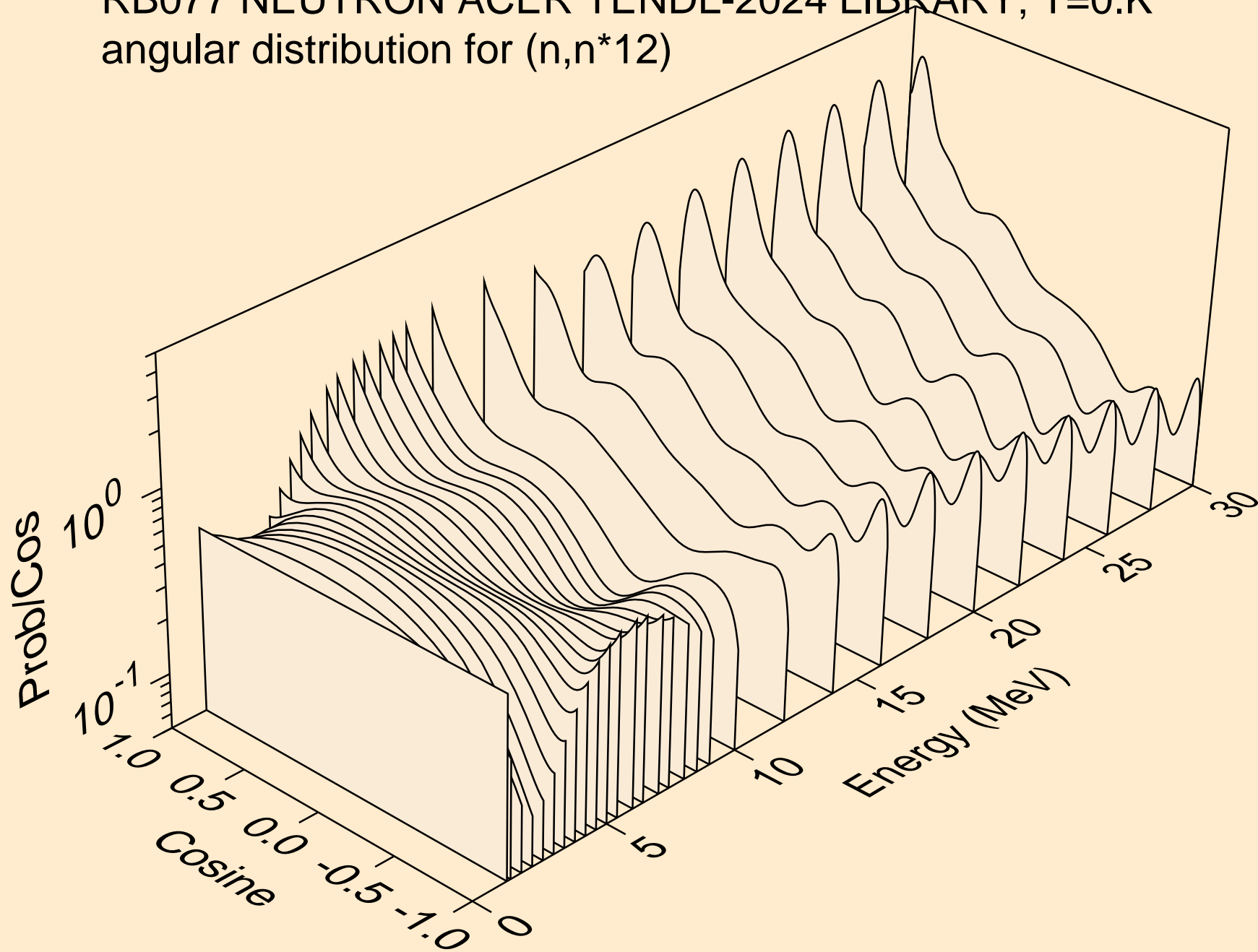
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angular distribution for (n,n\*10)



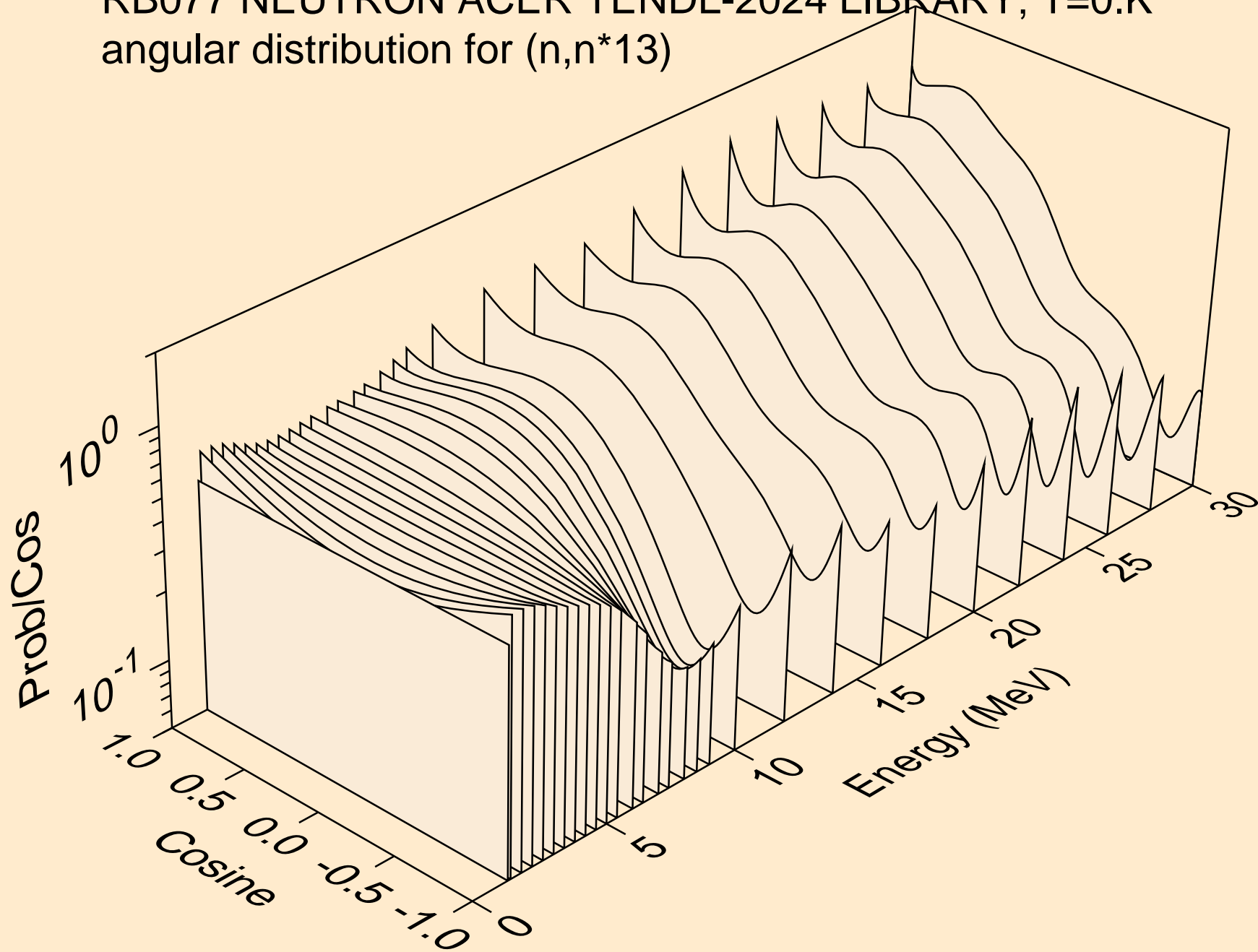
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angular distribution for (n,n\*11)



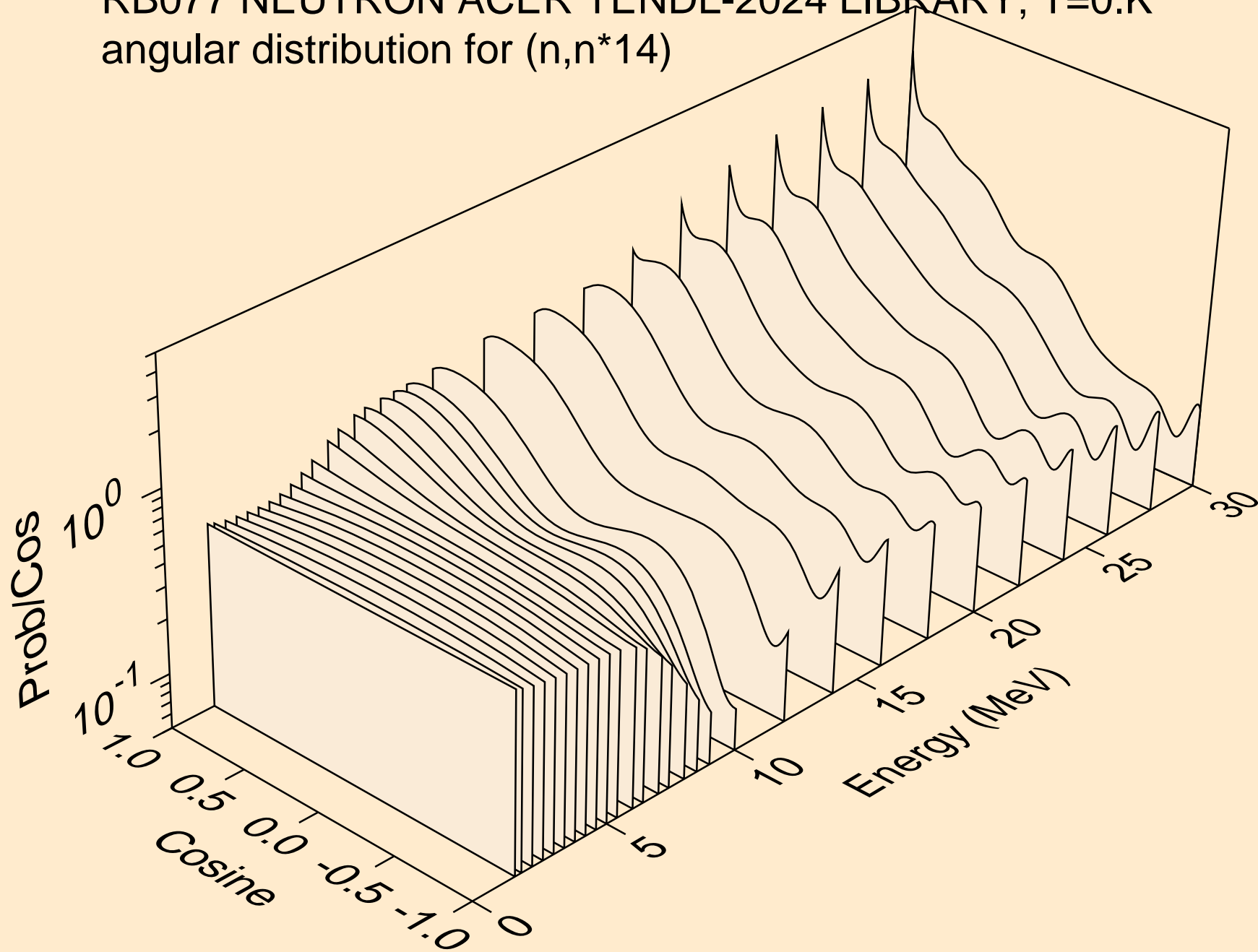
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angular distribution for (n,n\*12)



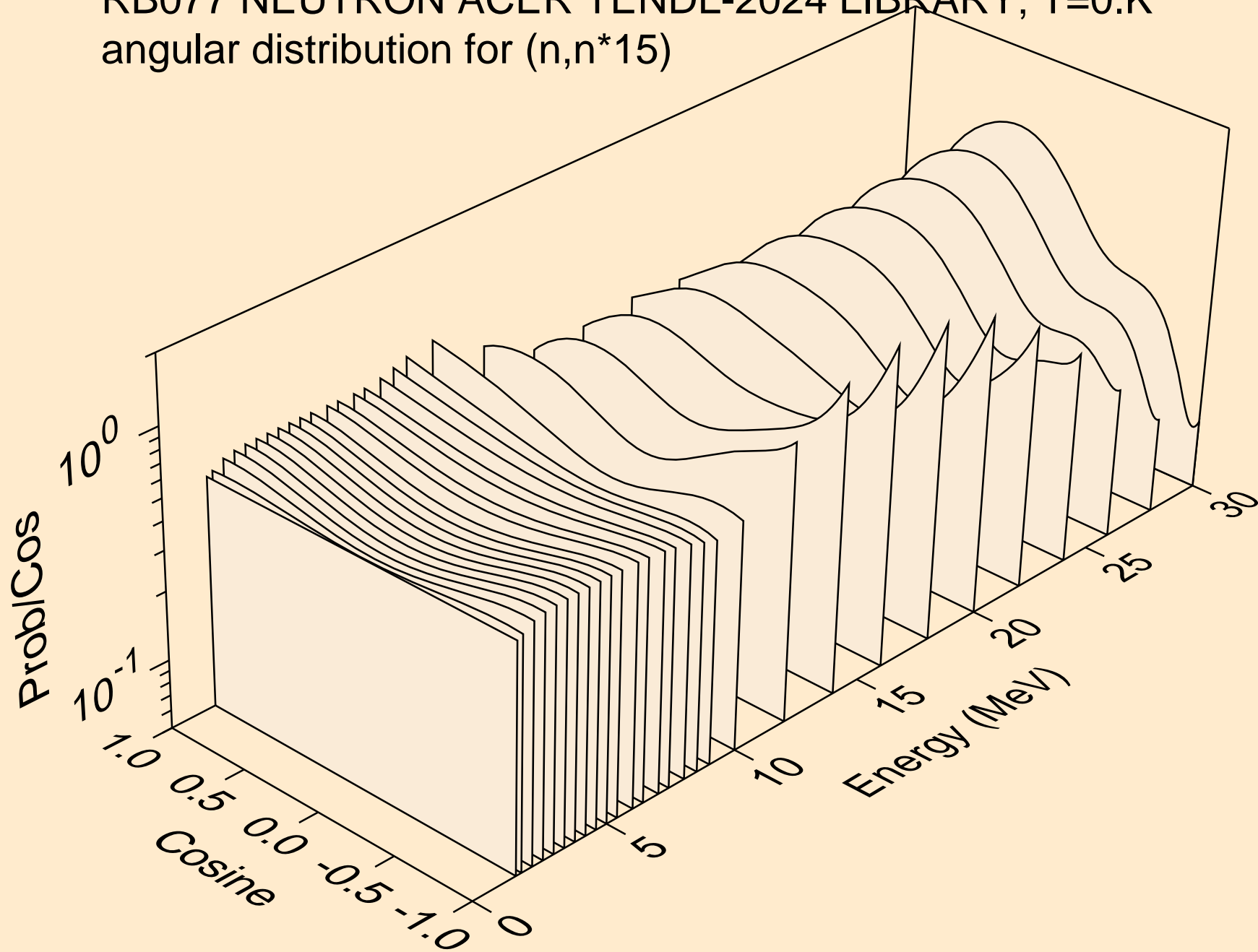
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angular distribution for (n,n\*13)



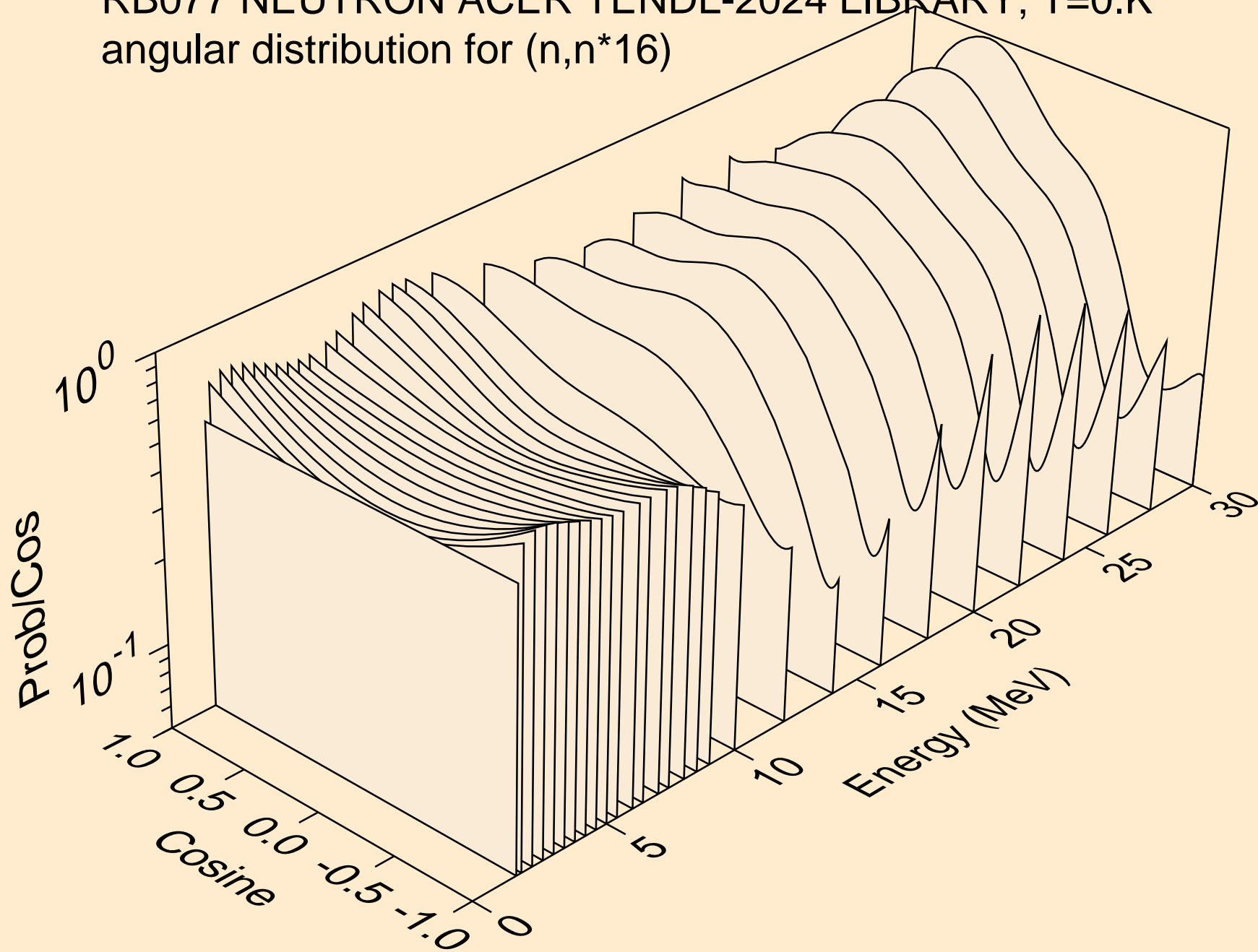
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angular distribution for (n,n\*14)



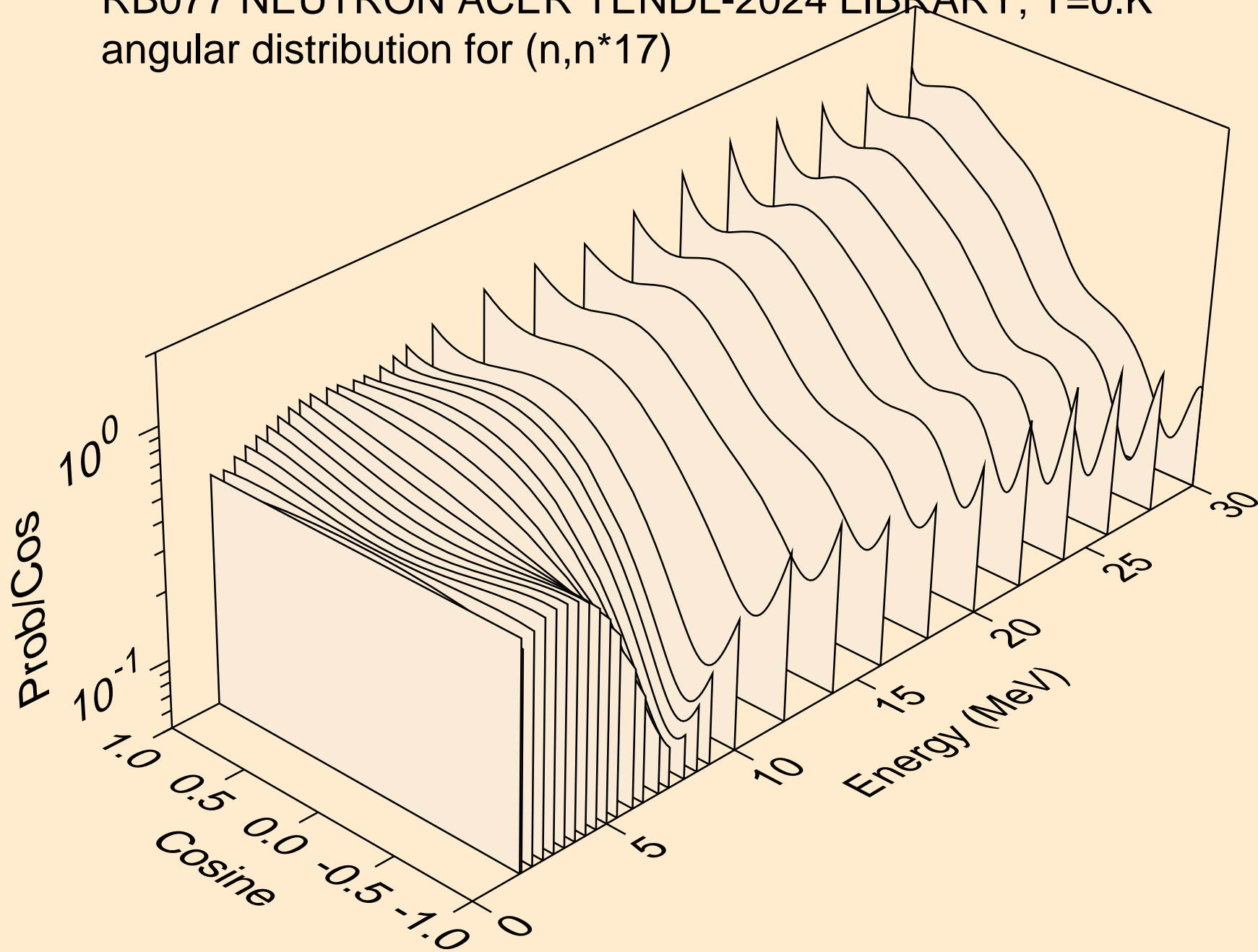
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

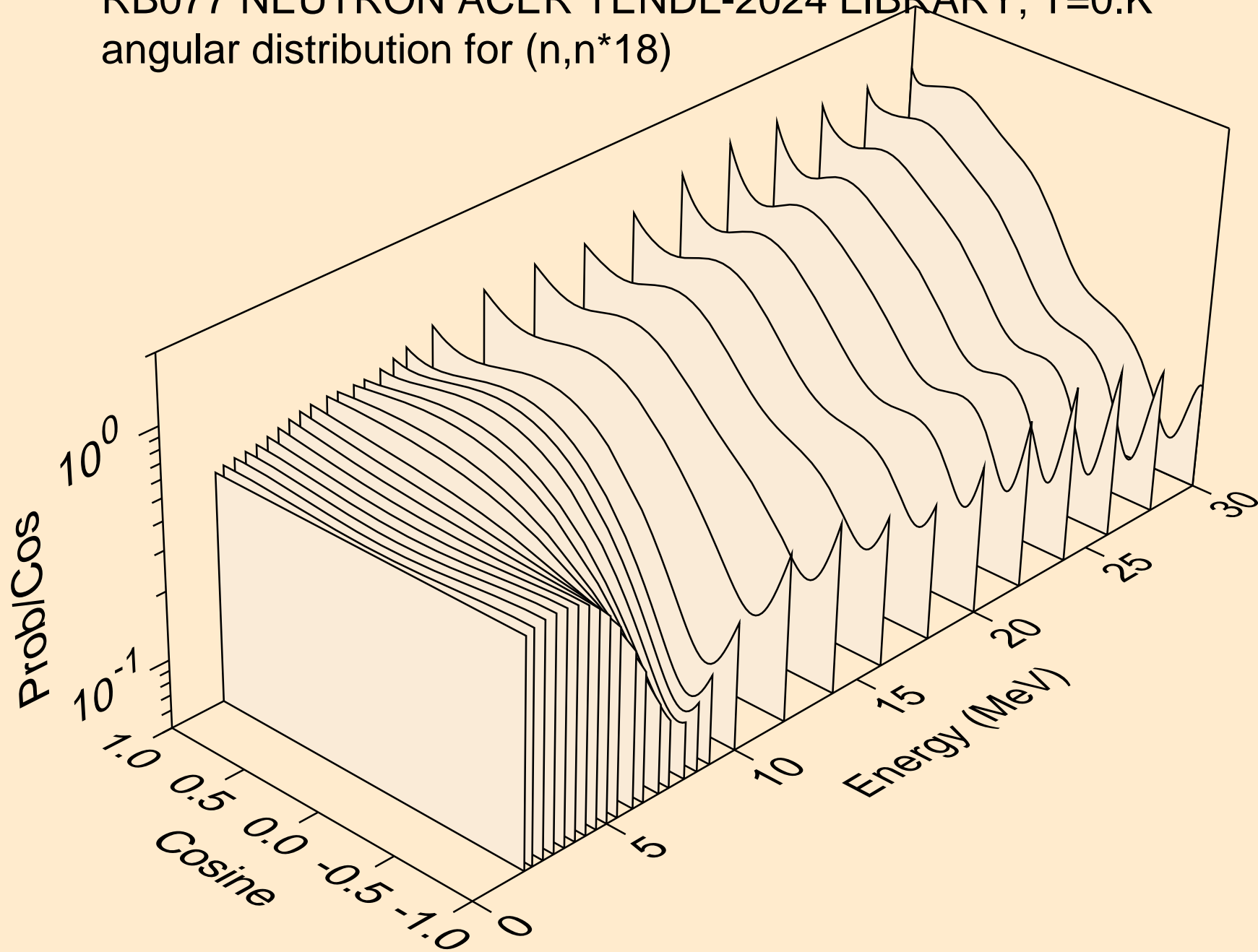


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

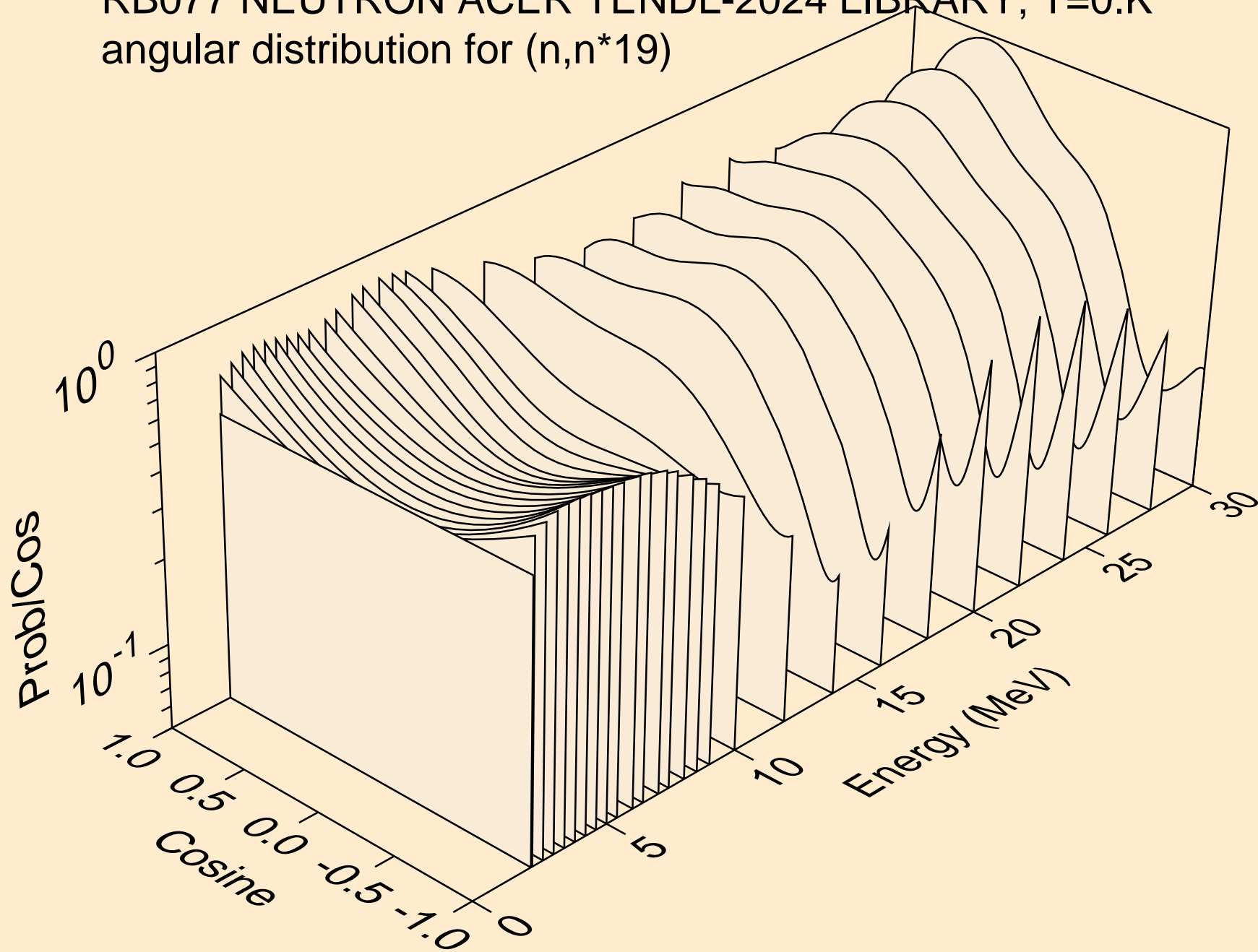




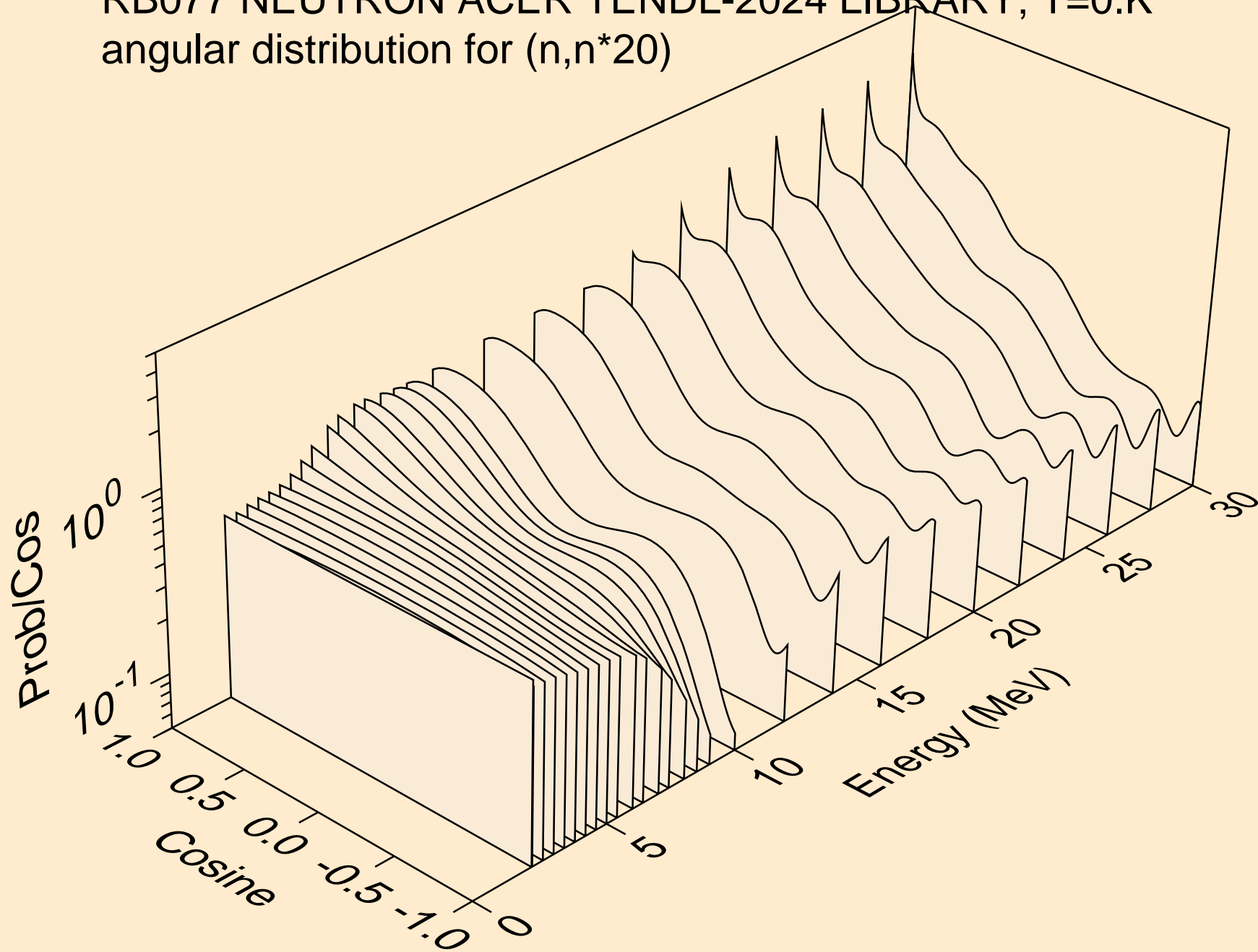
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angular distribution for (n,n\*18)



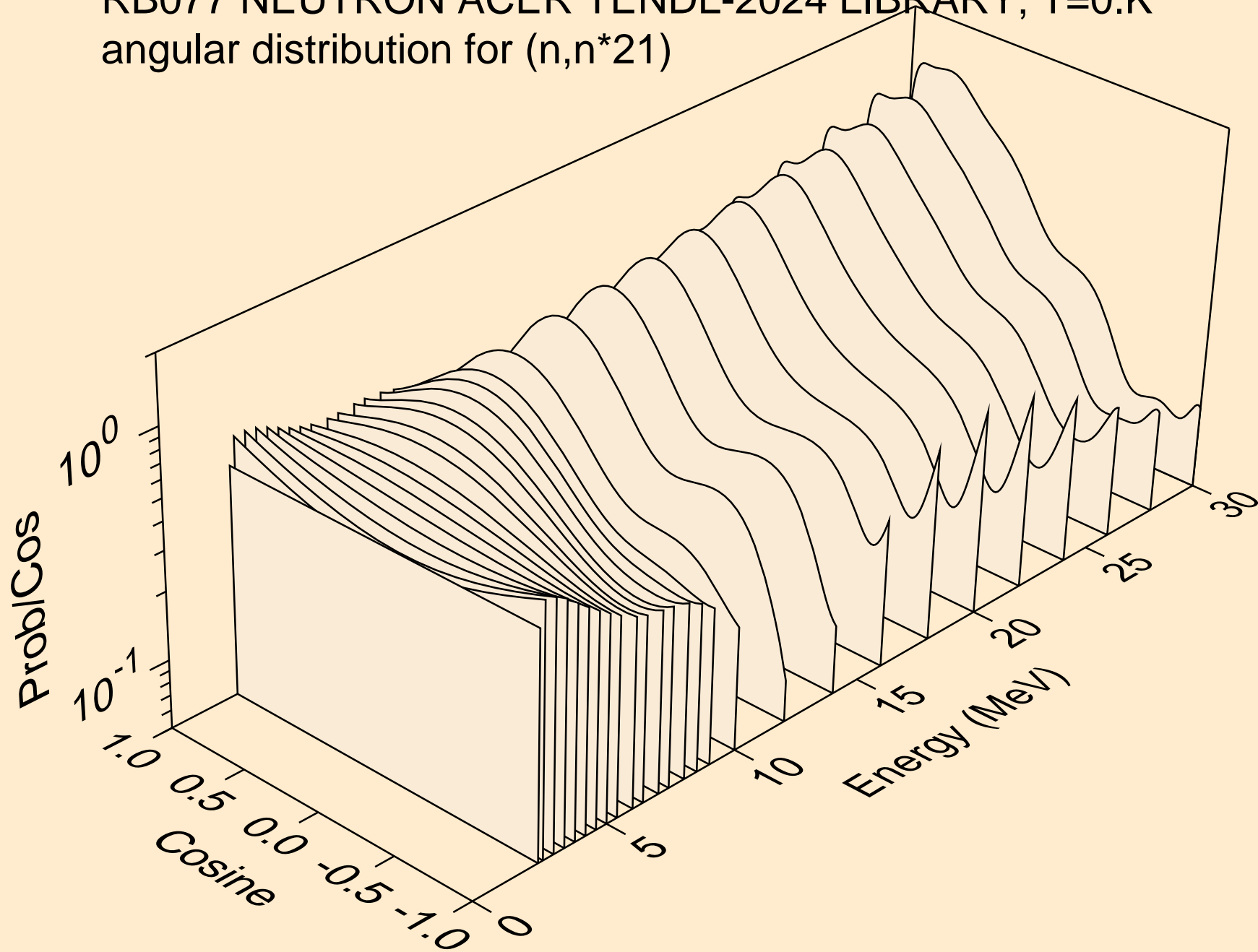
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angular distribution for (n,n\*19)



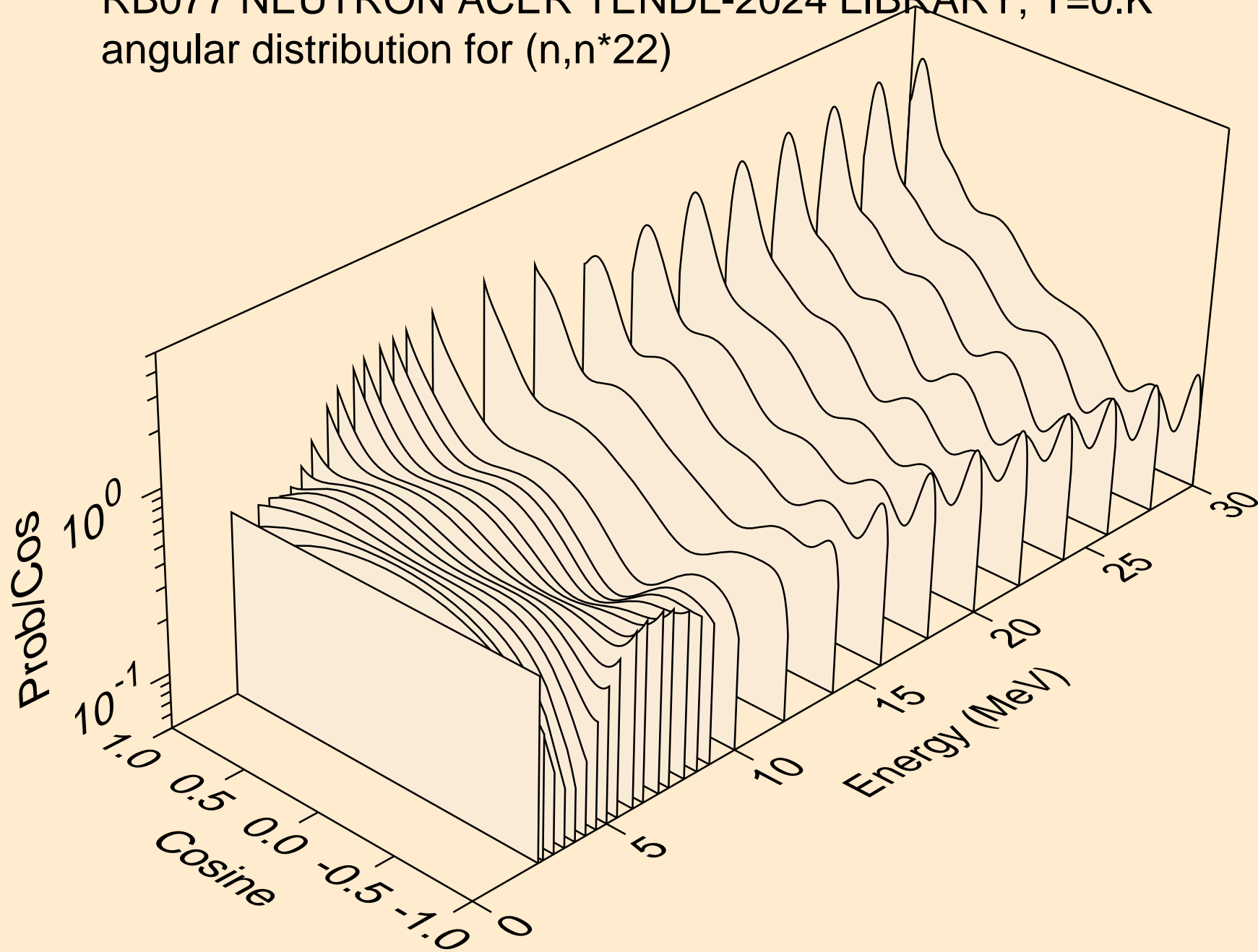
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angular distribution for (n,n\*20)



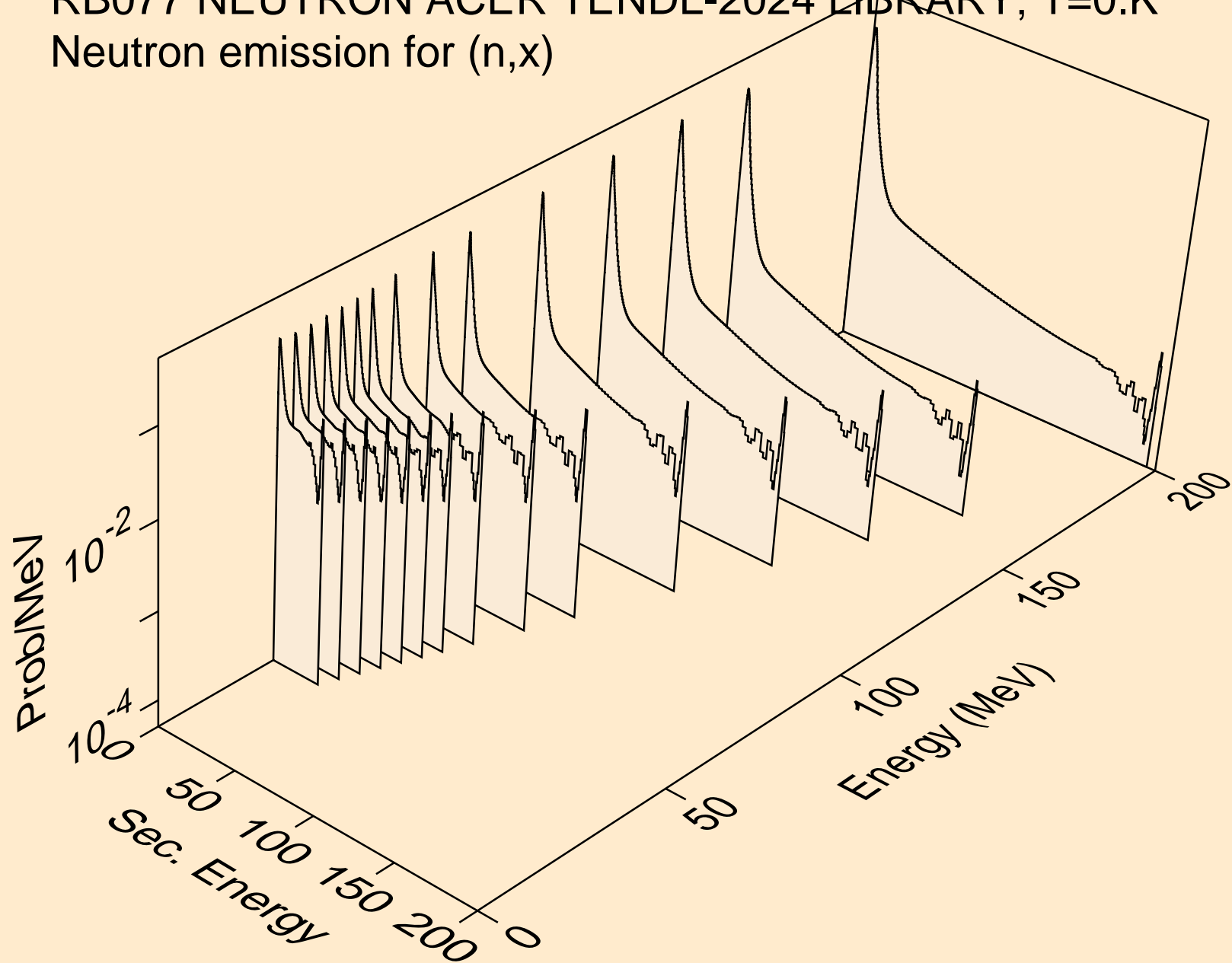
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angular distribution for (n,n\*21)



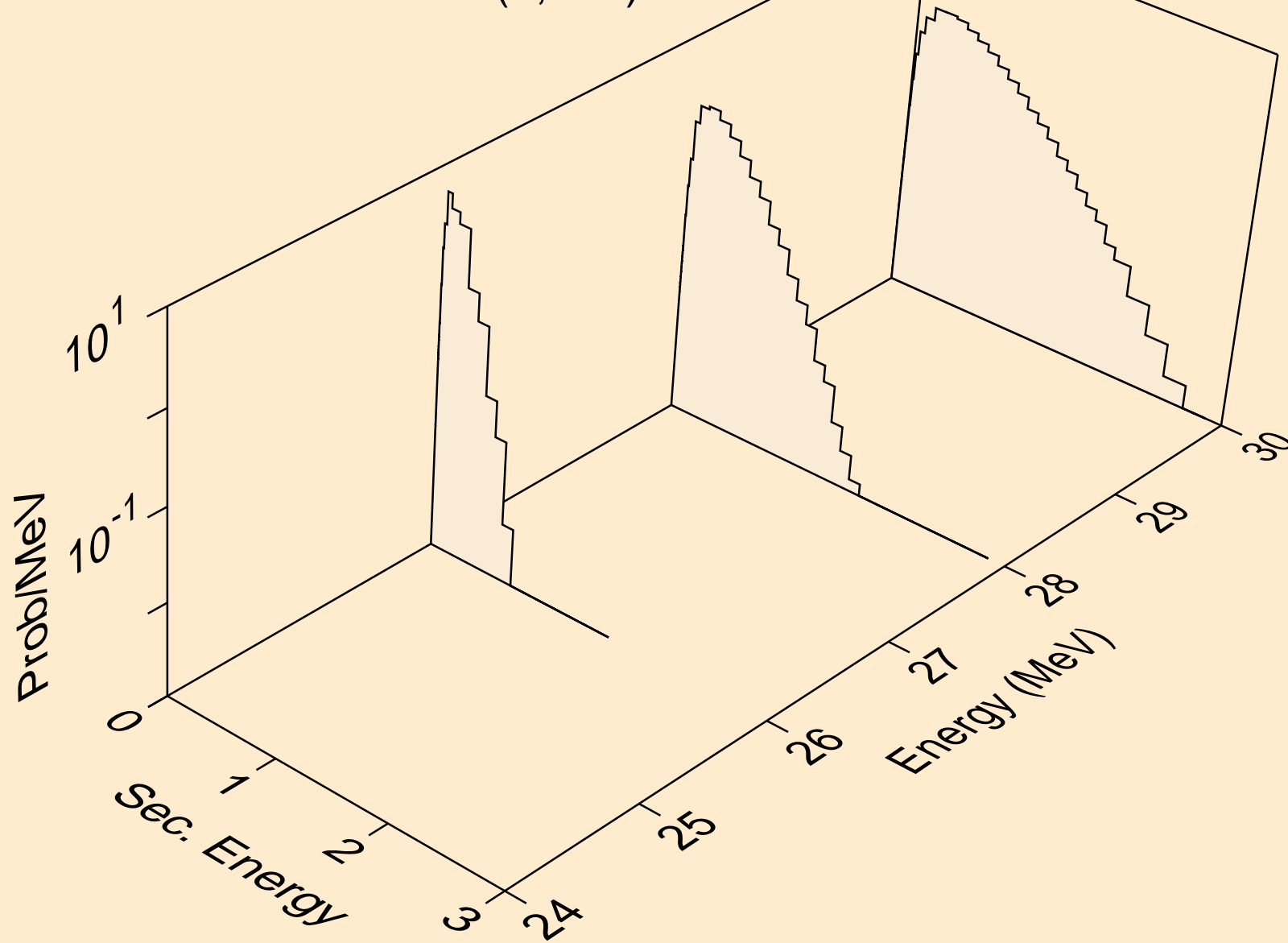
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angular distribution for (n,n\*22)



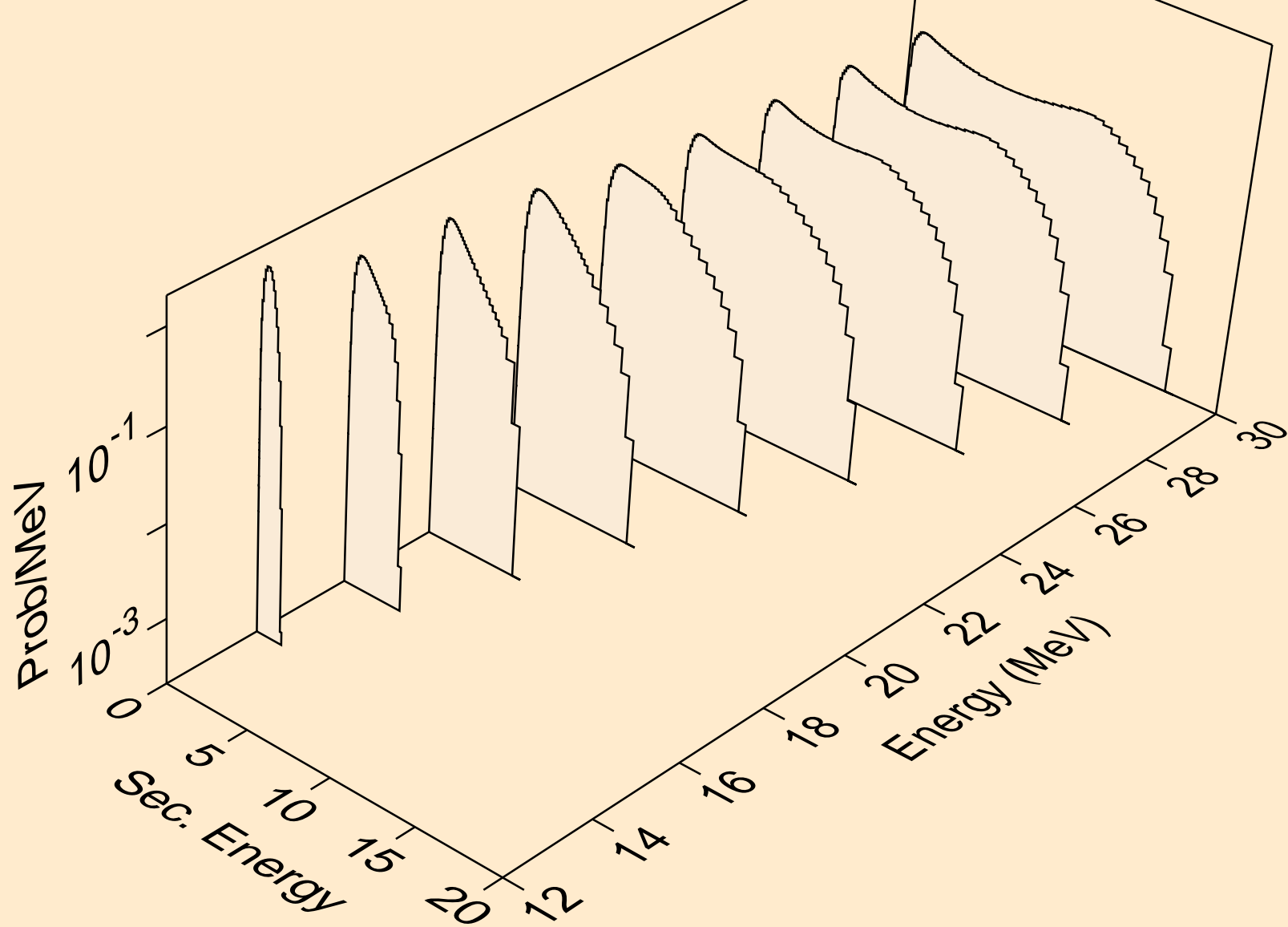
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

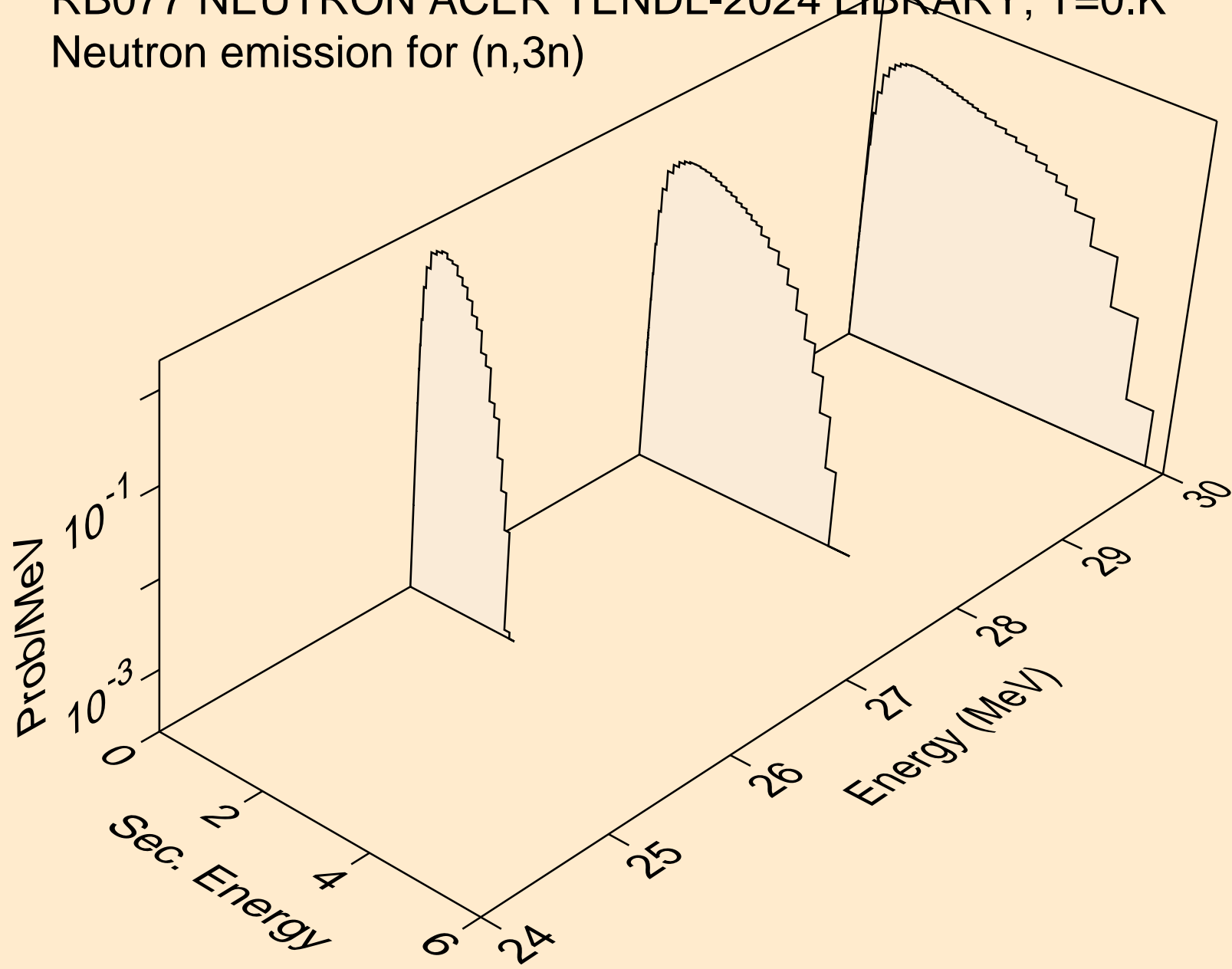


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

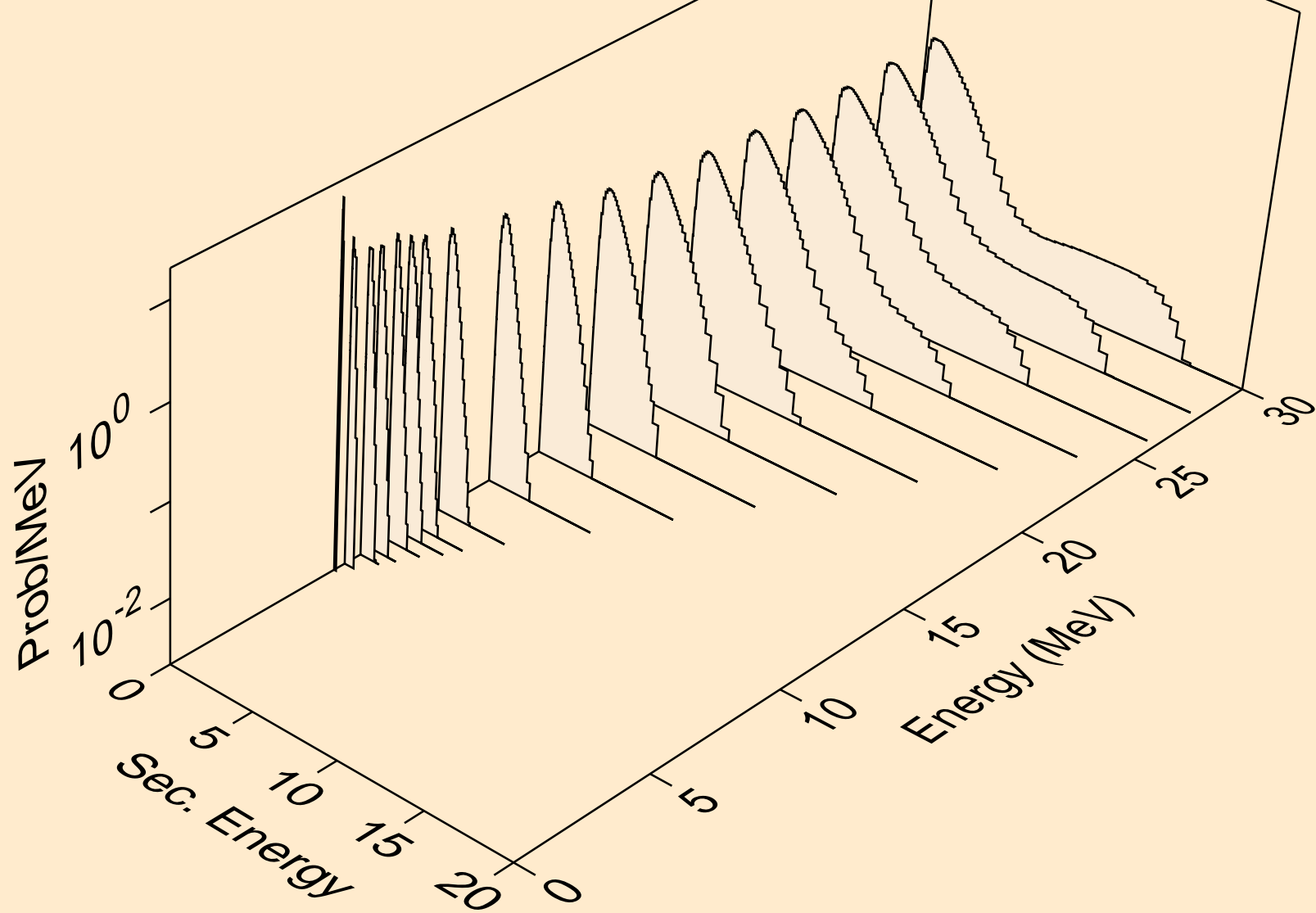




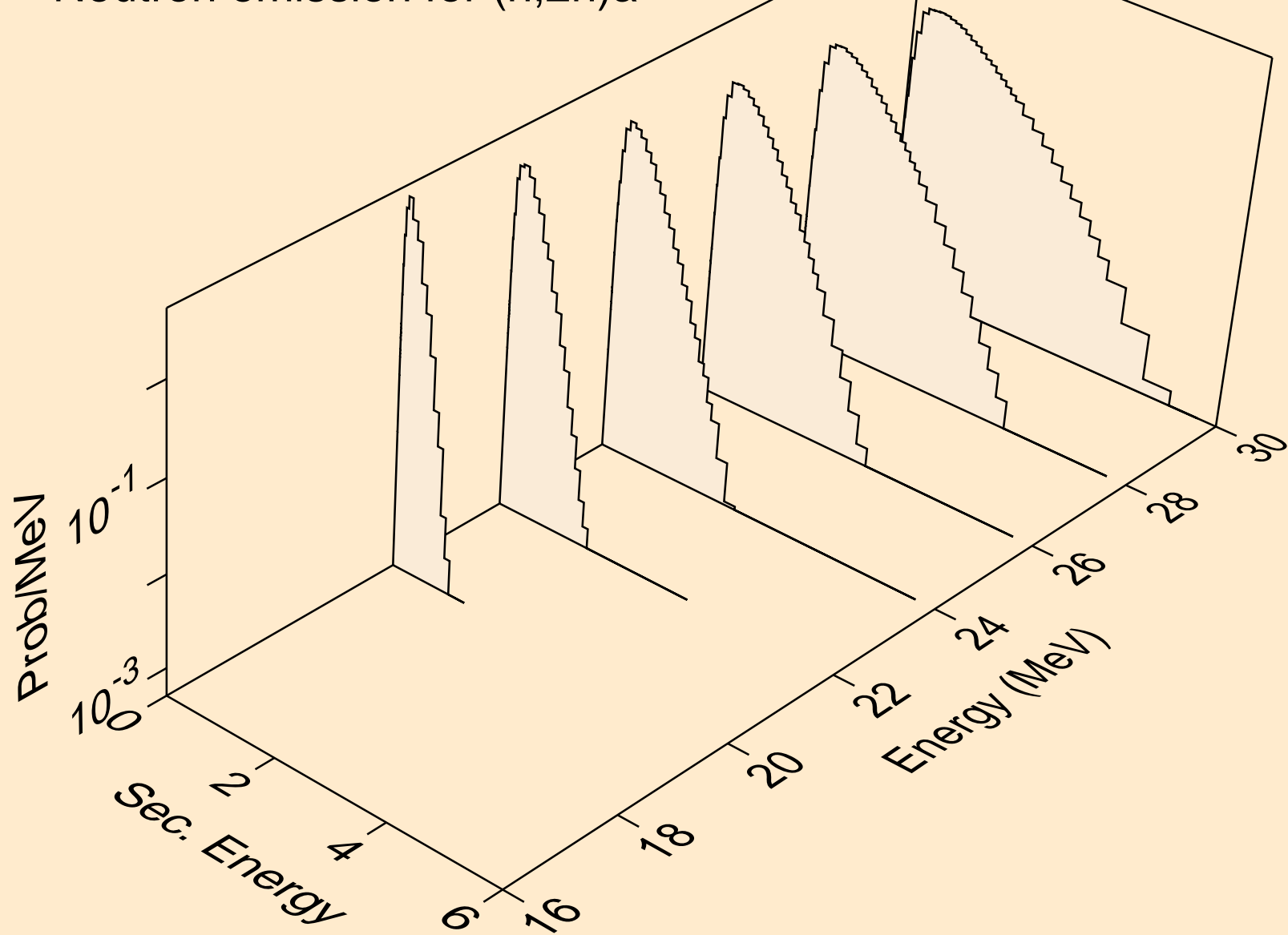
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



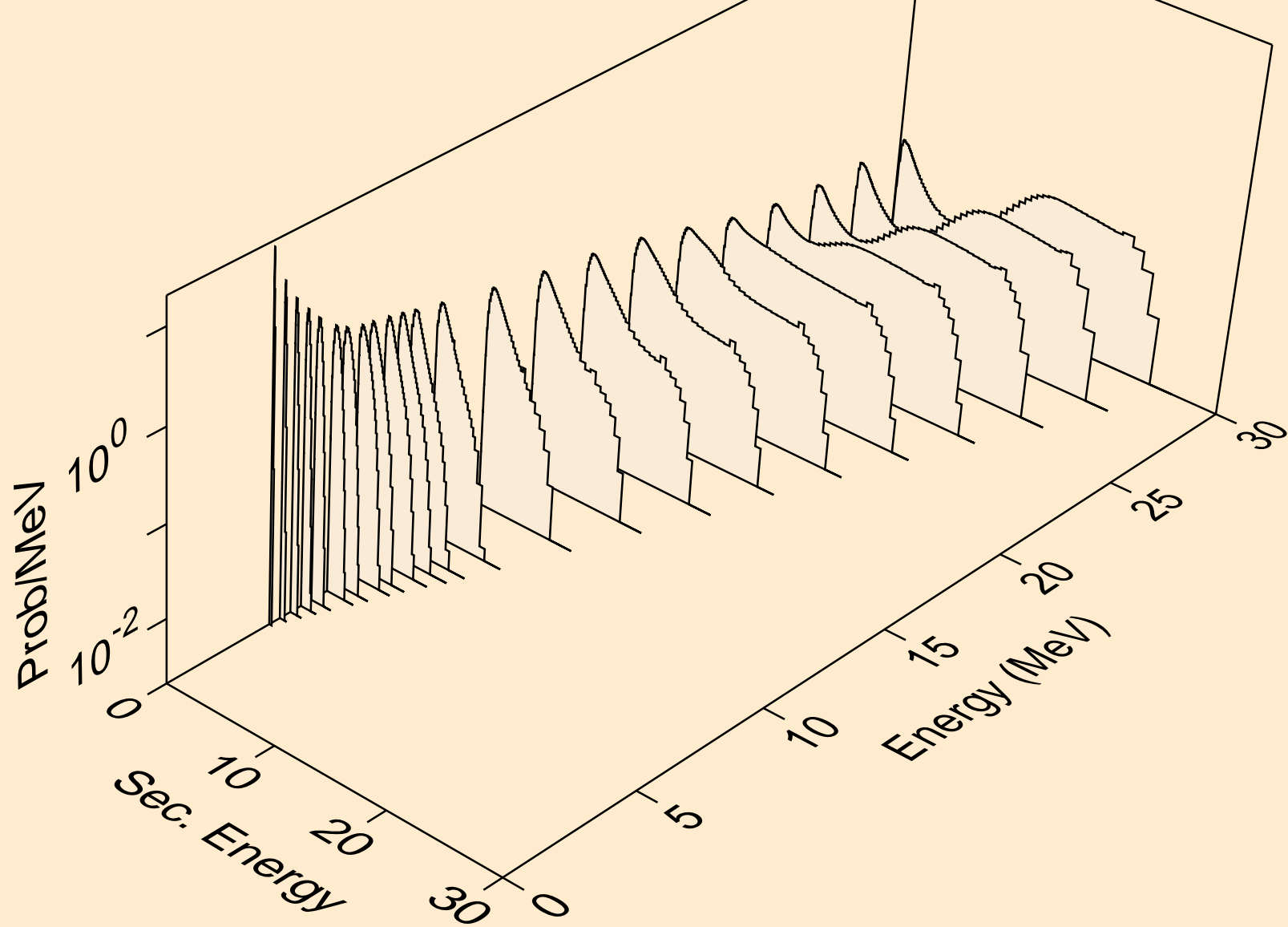
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



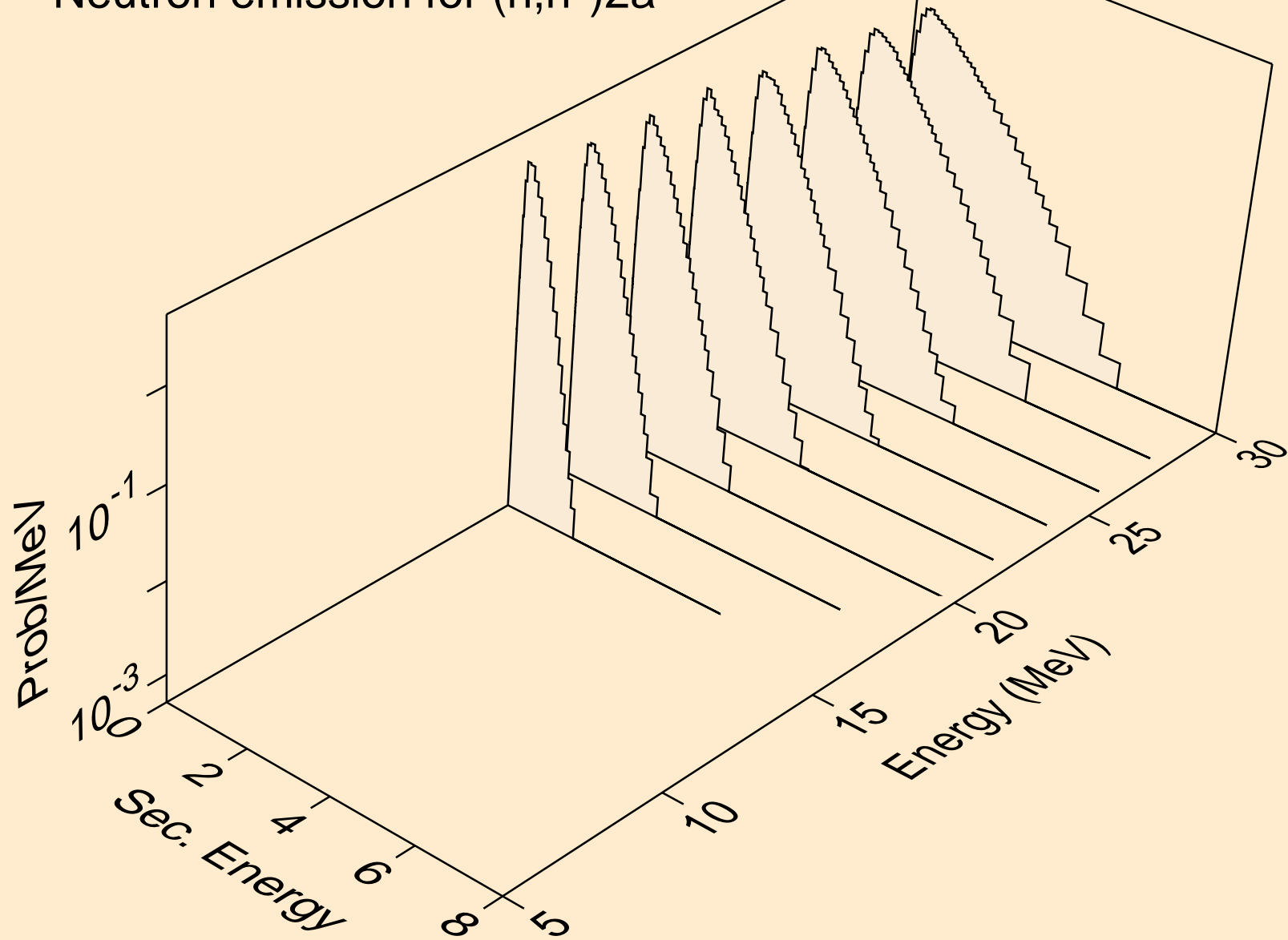
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



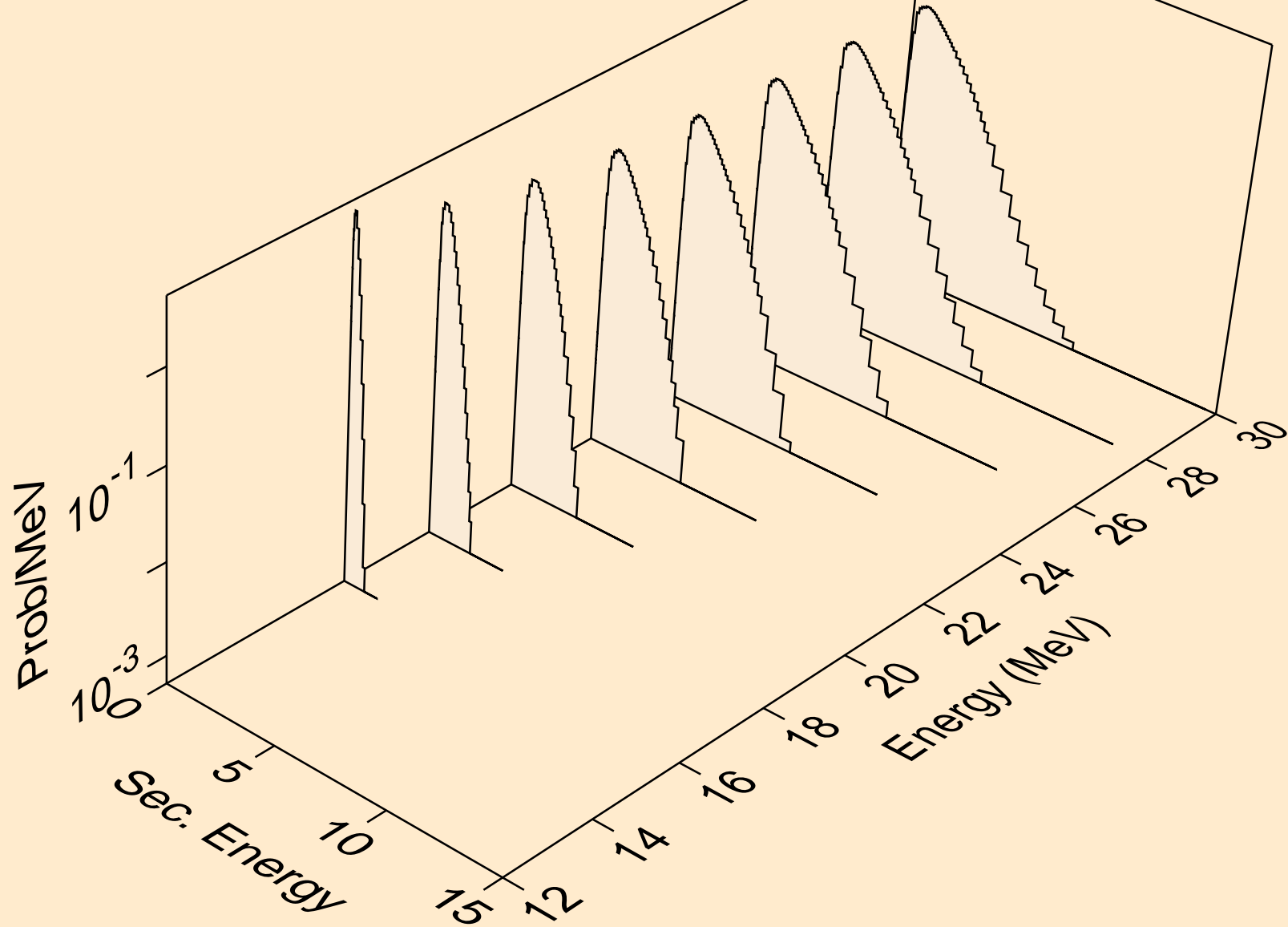
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



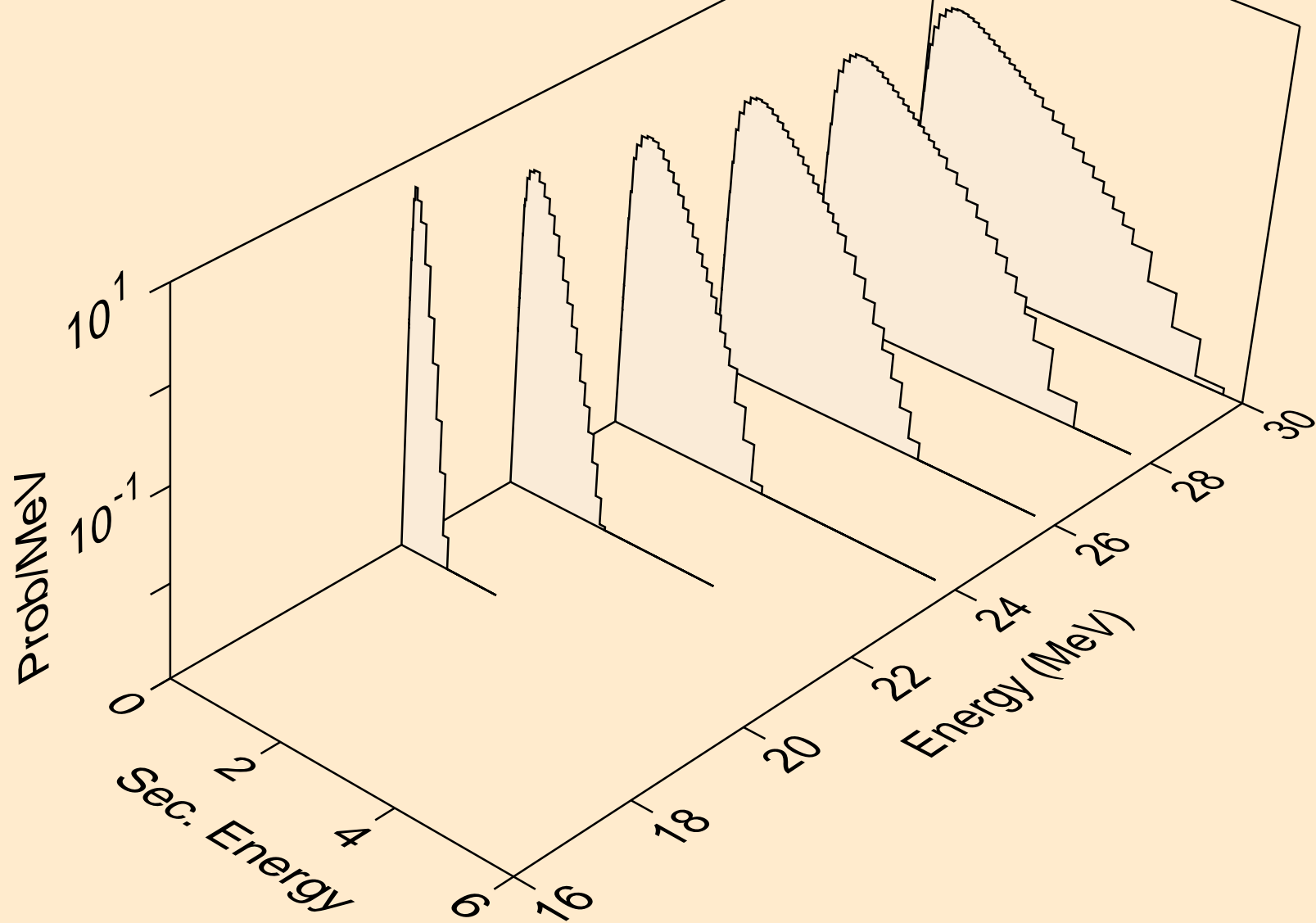
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



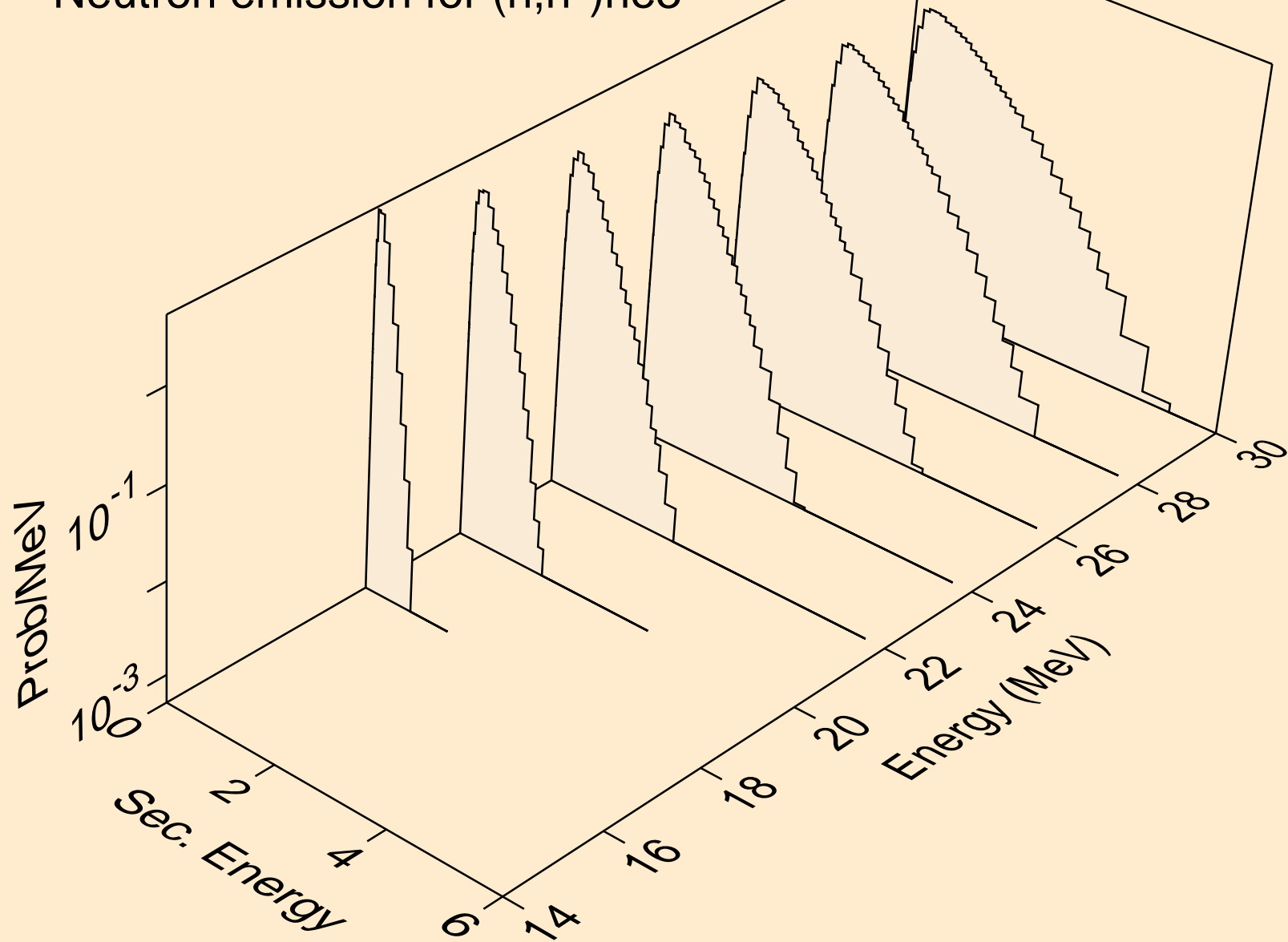
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

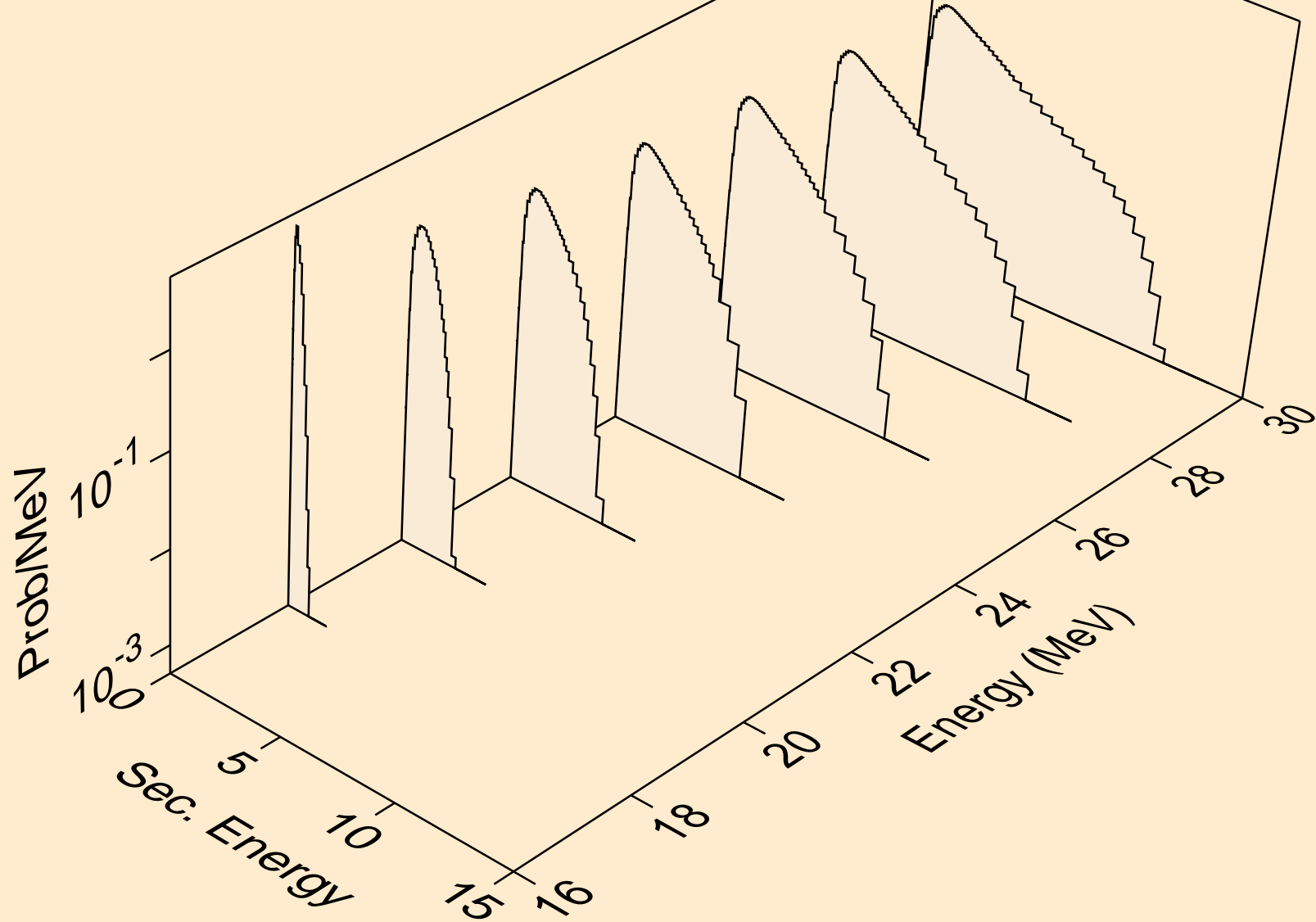


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

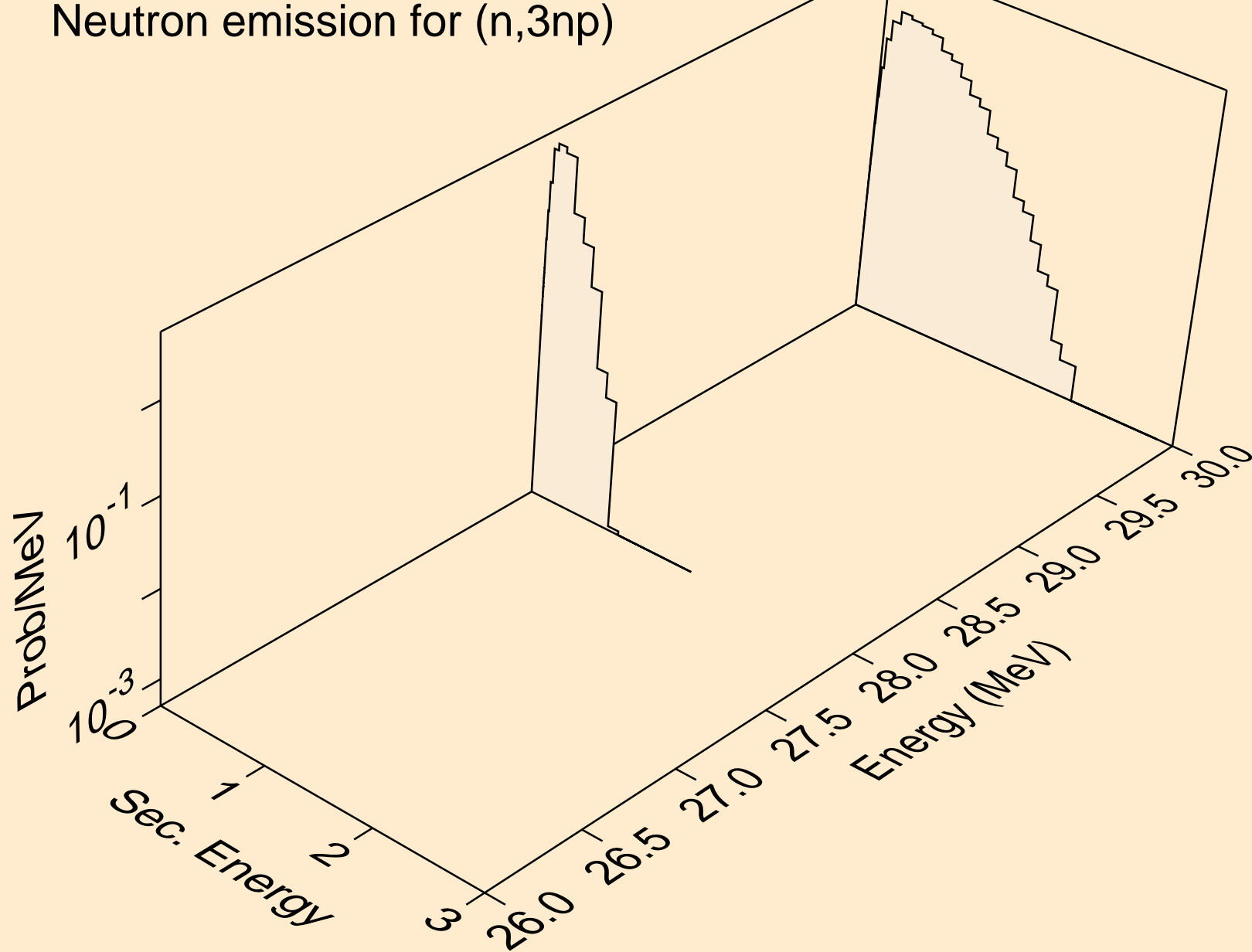




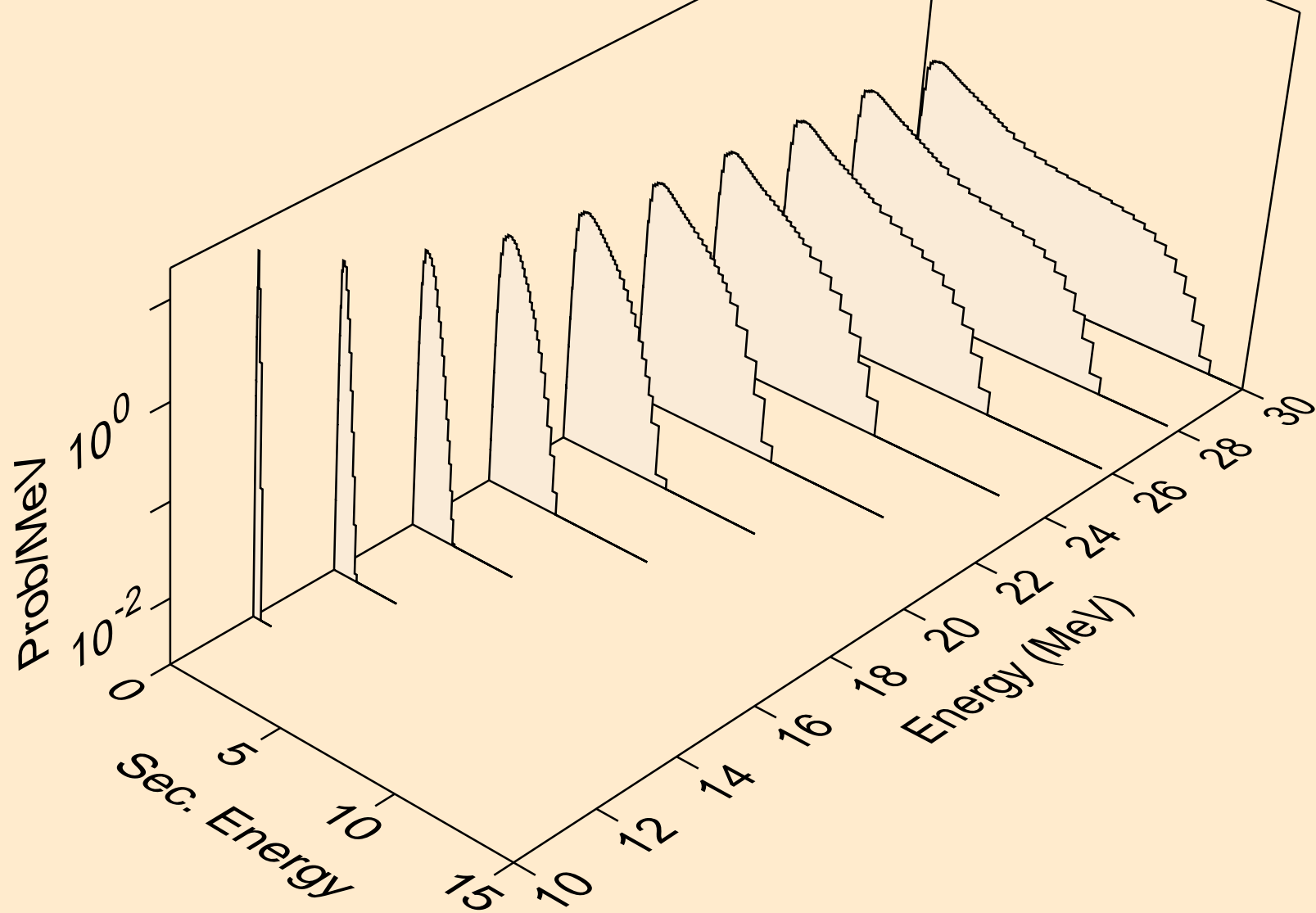
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Neutron emission for (n,2np)



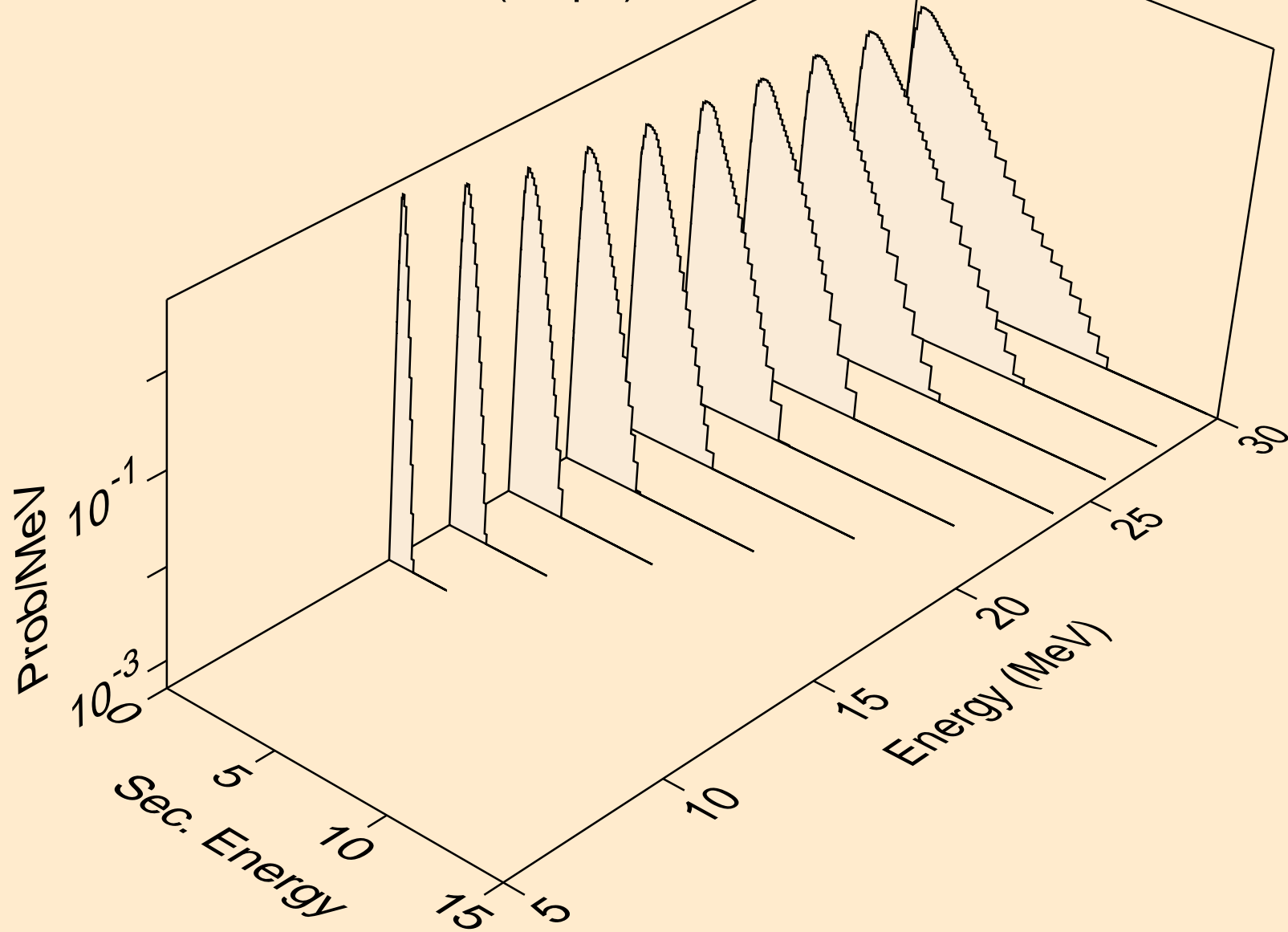
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



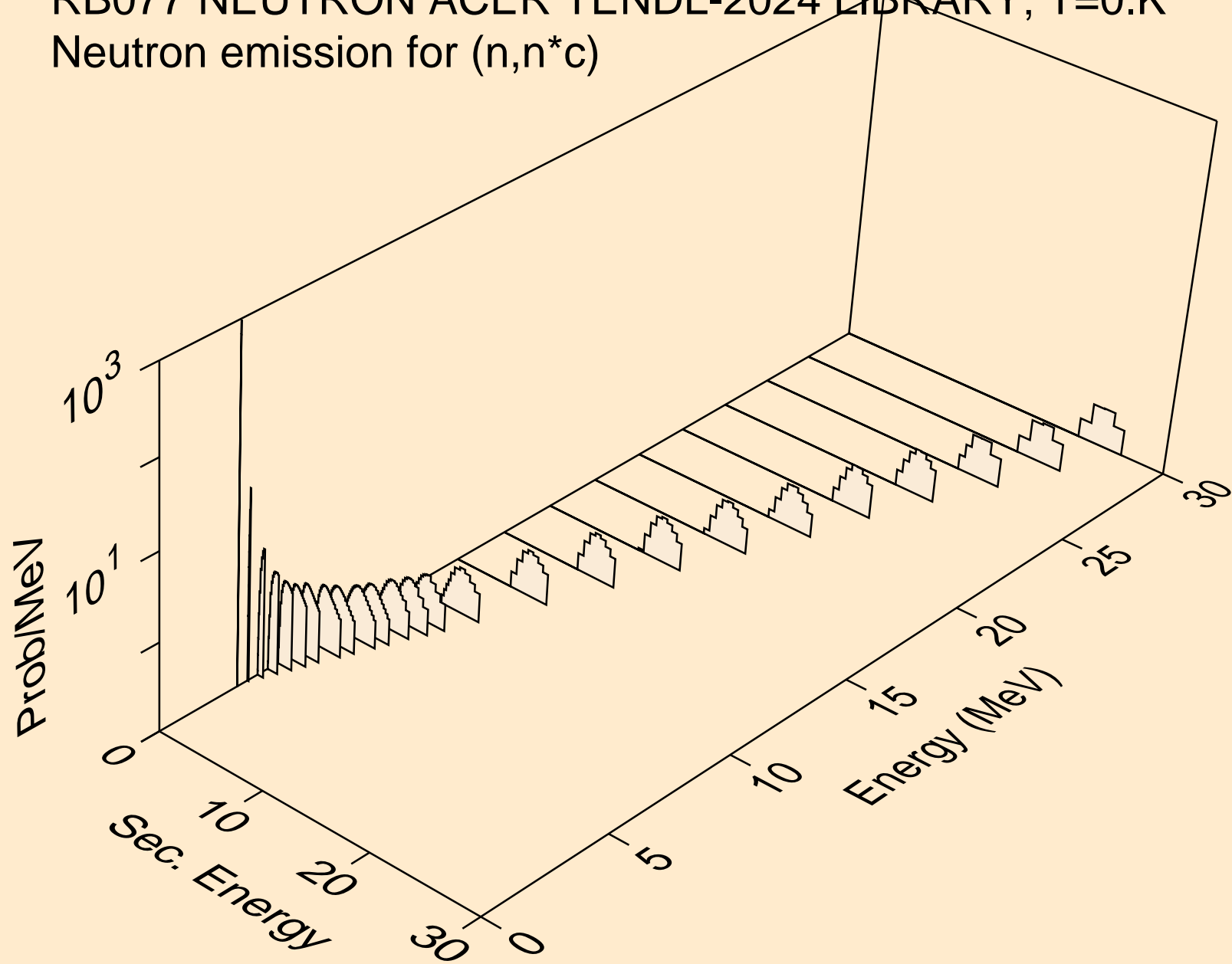
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



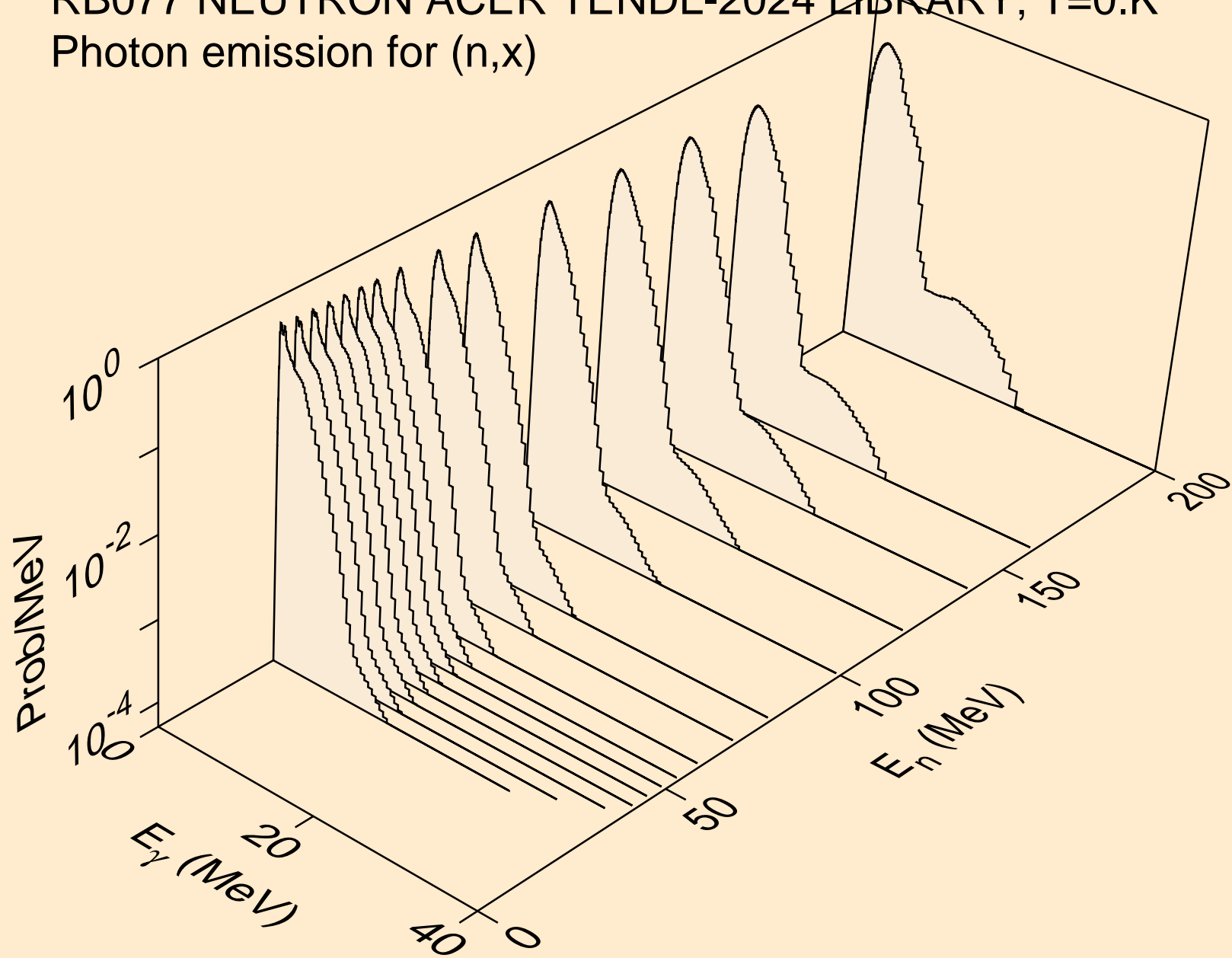
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



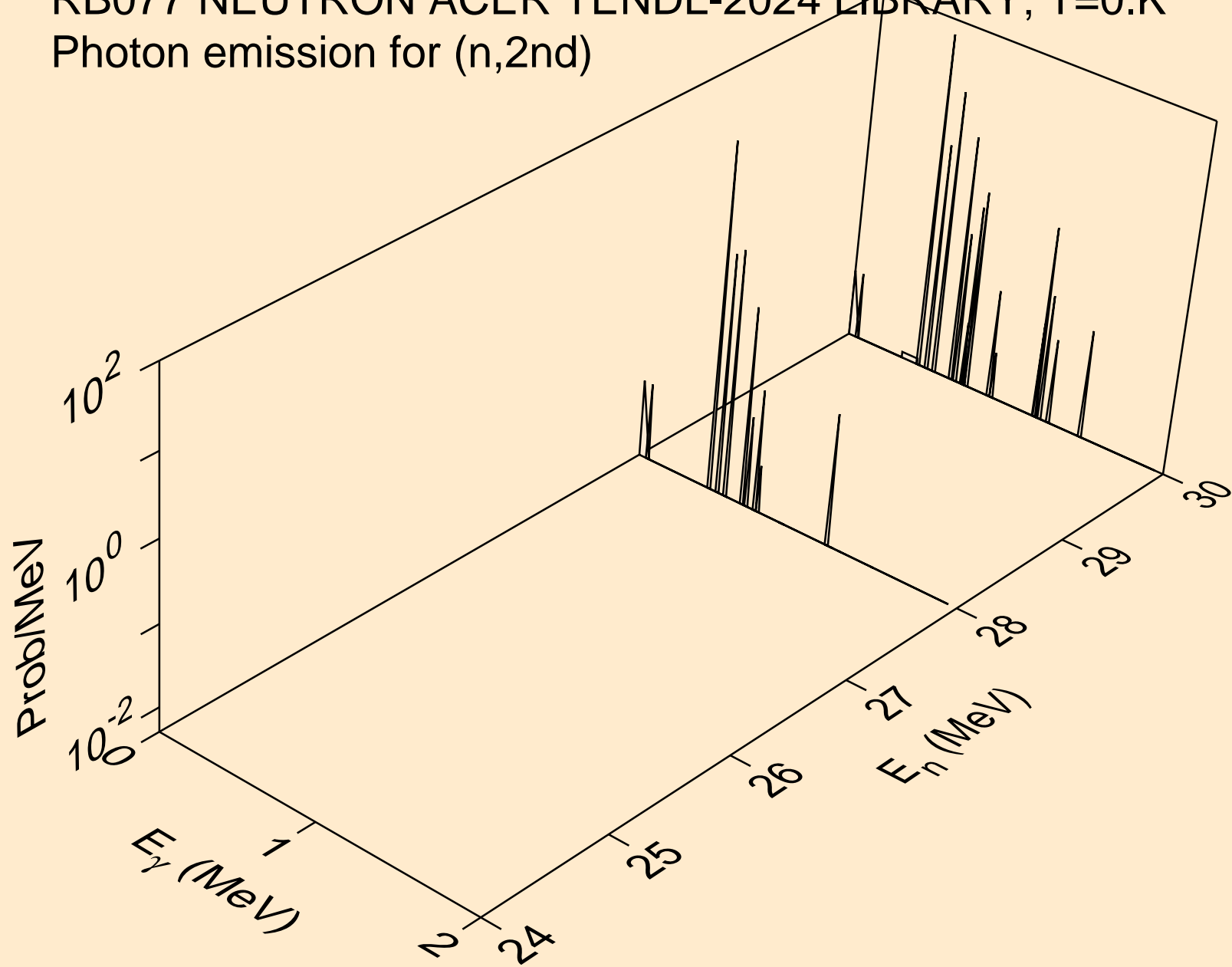
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



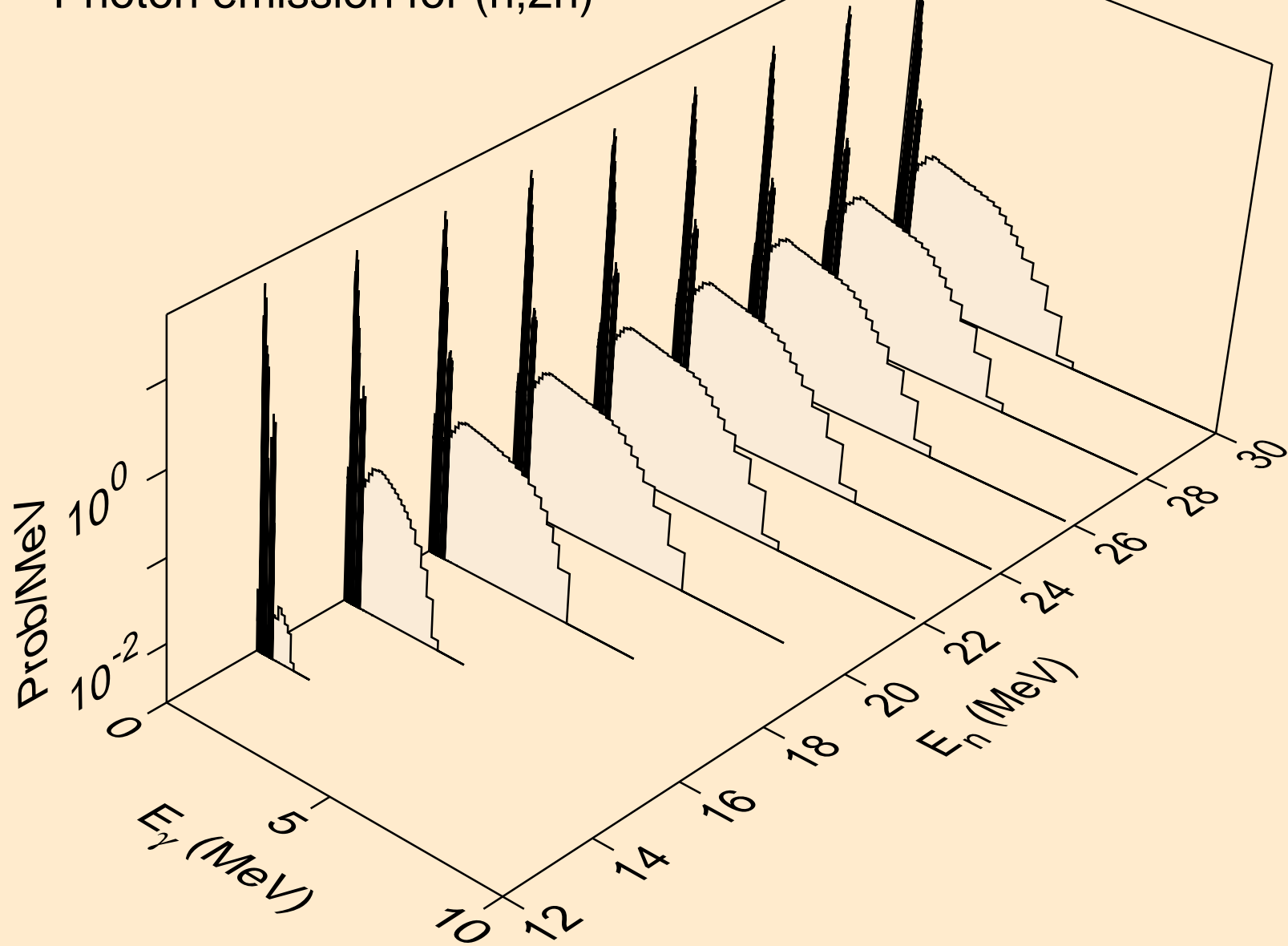
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

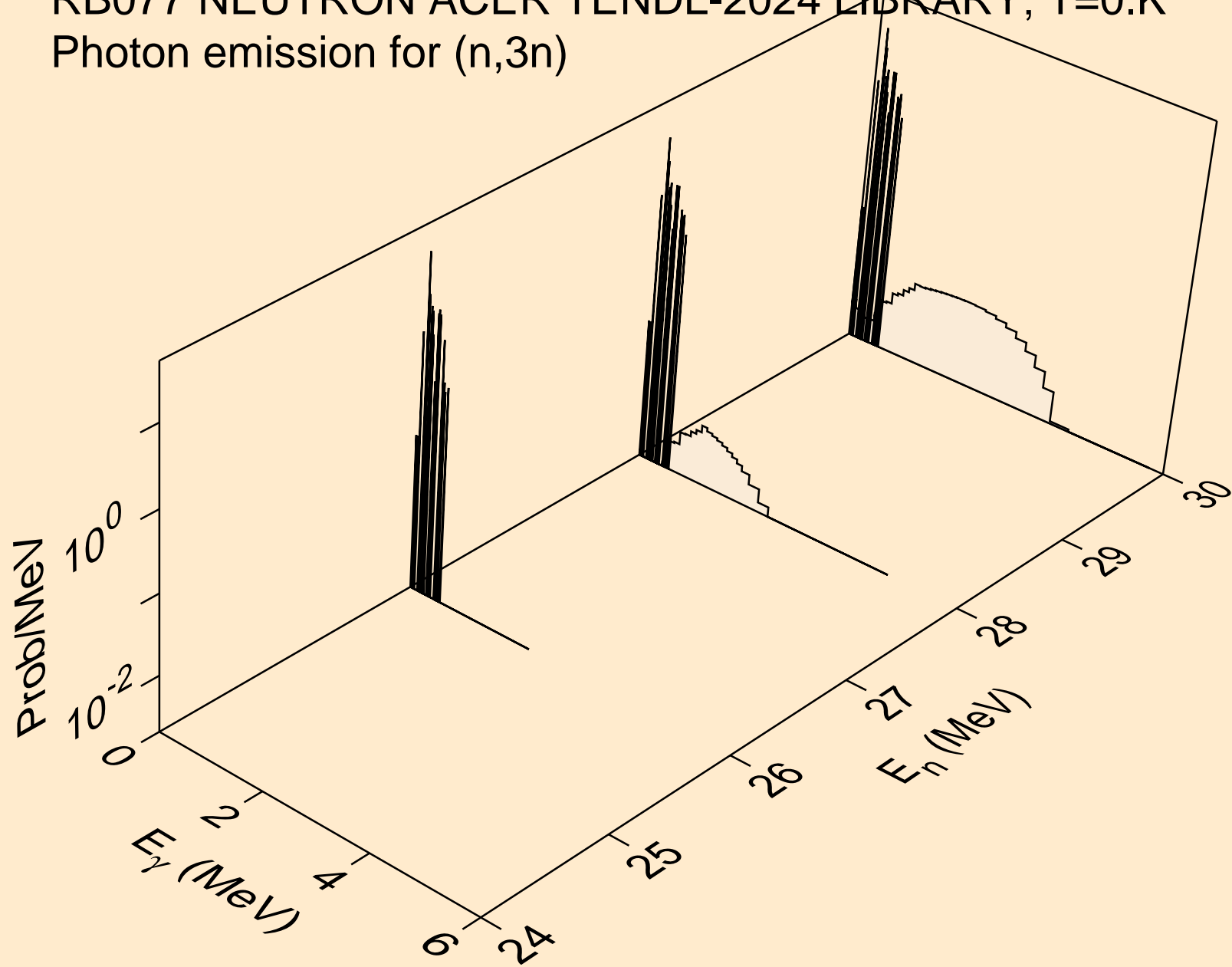


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

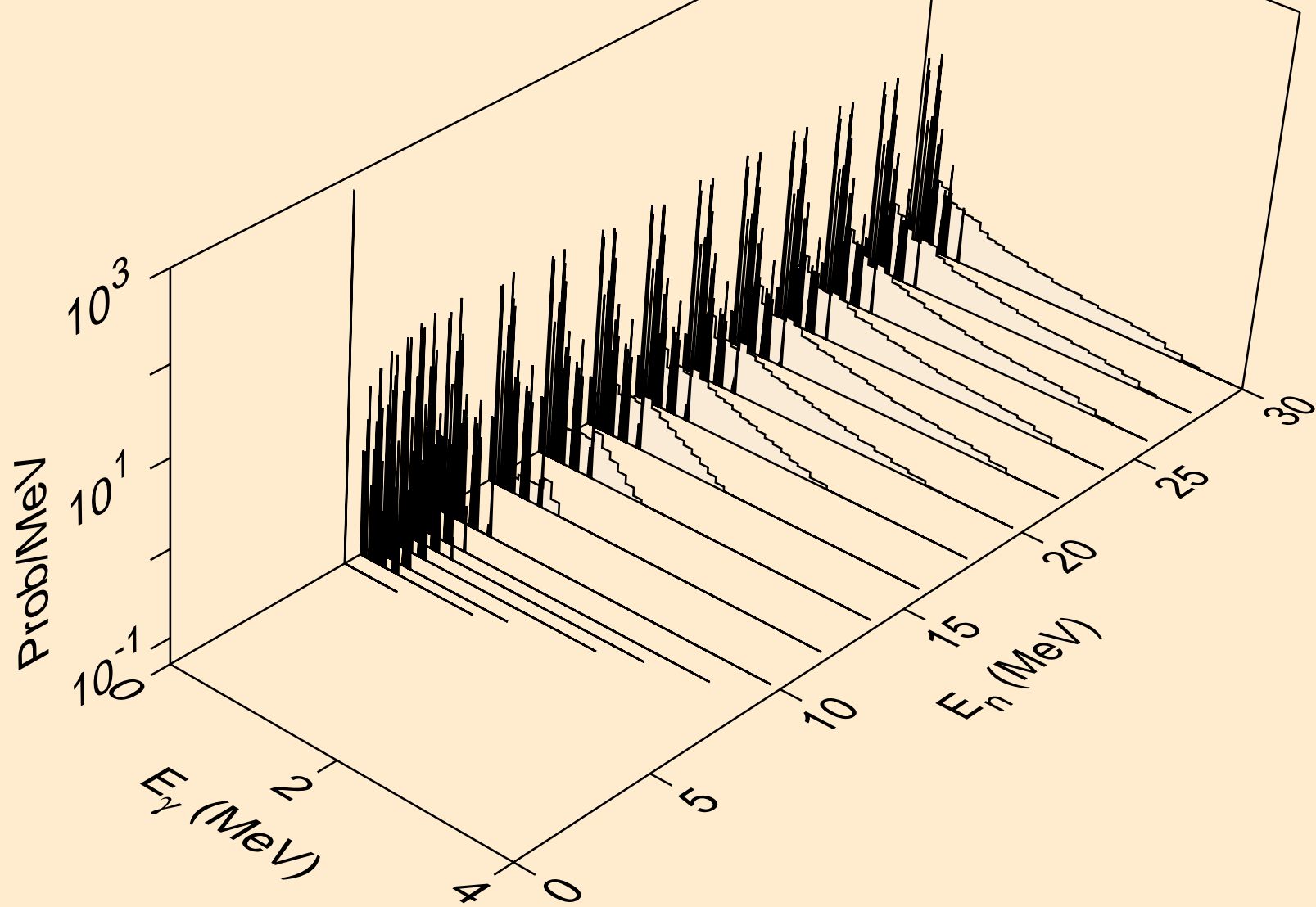




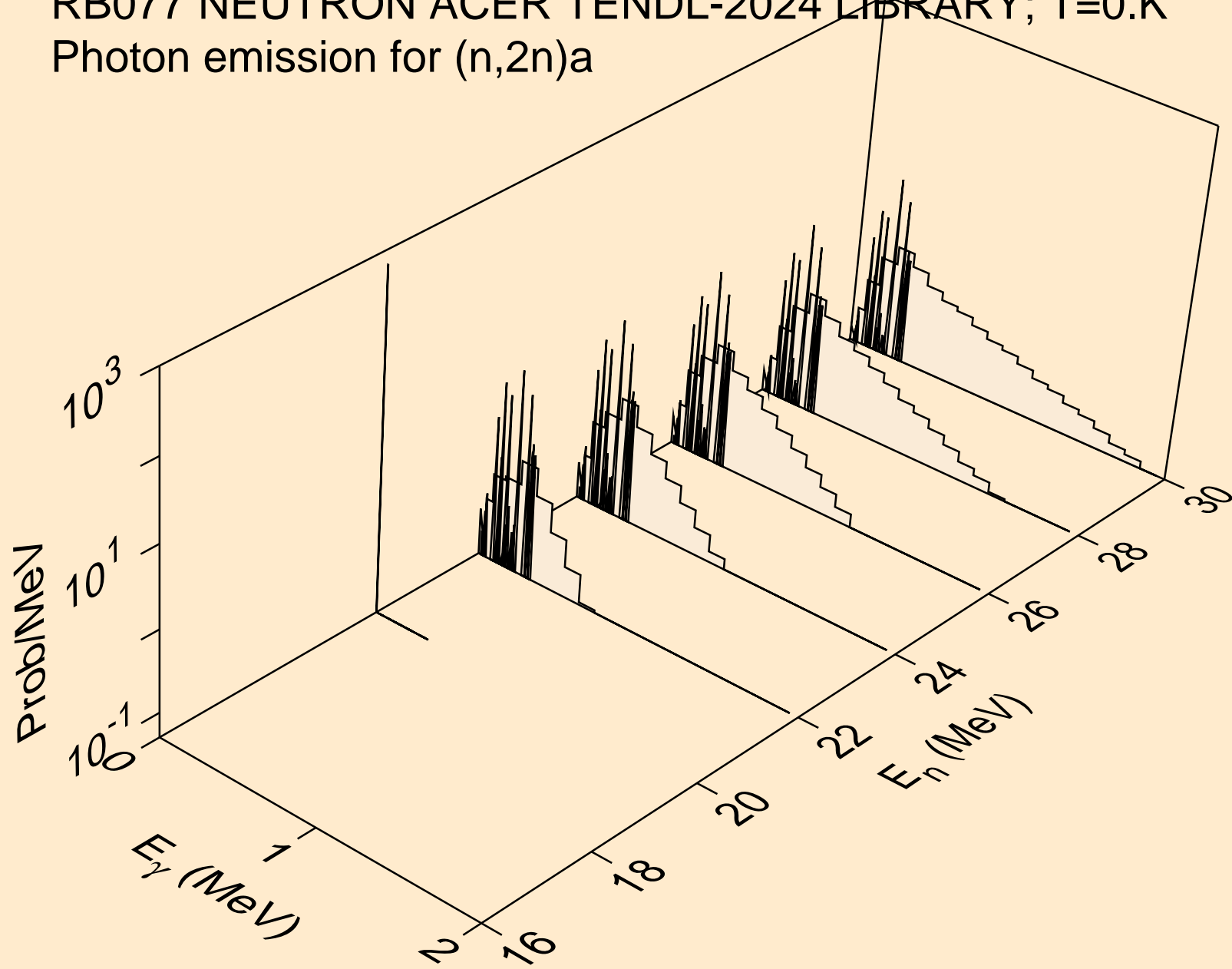
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Photon emission for (n,3n)



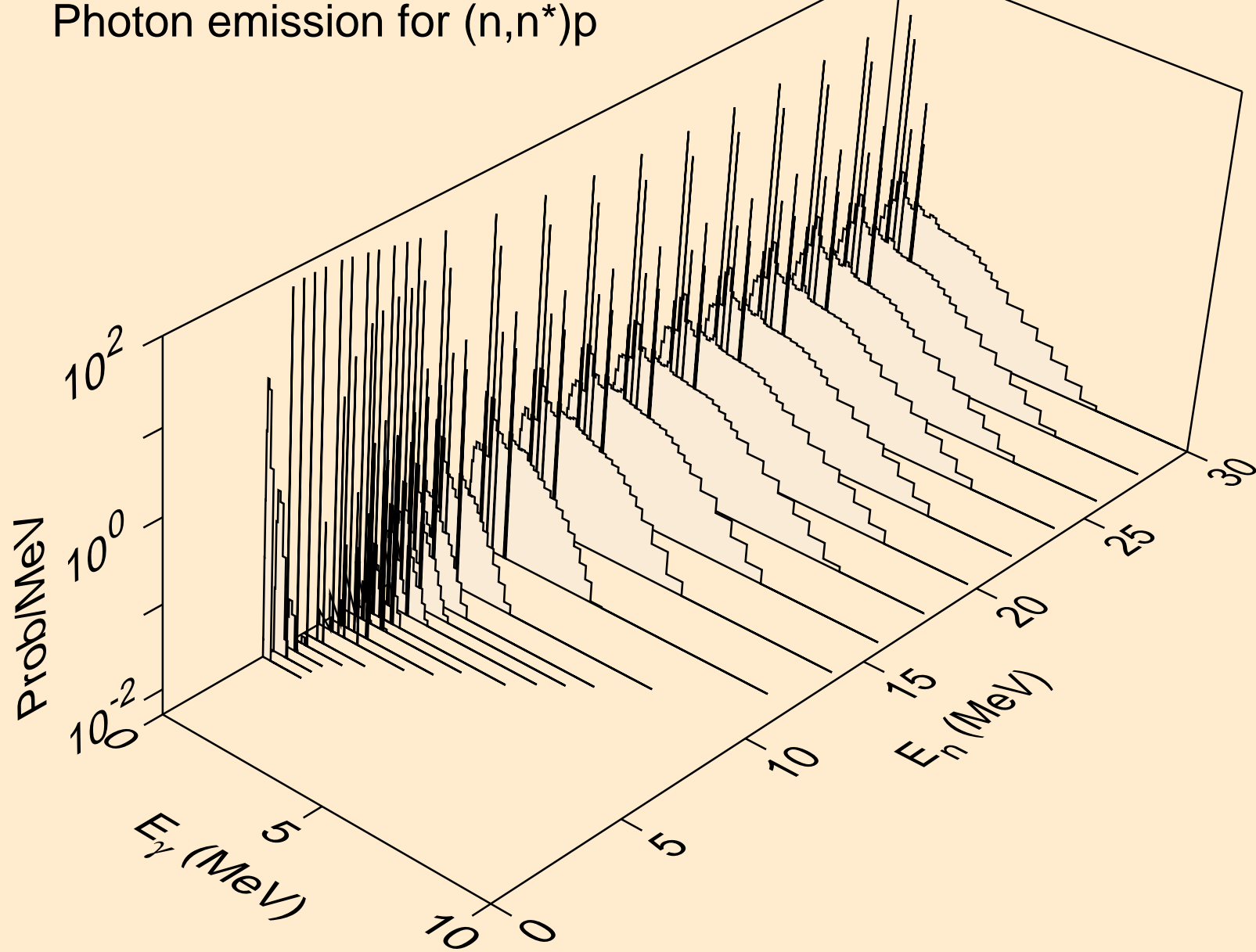
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



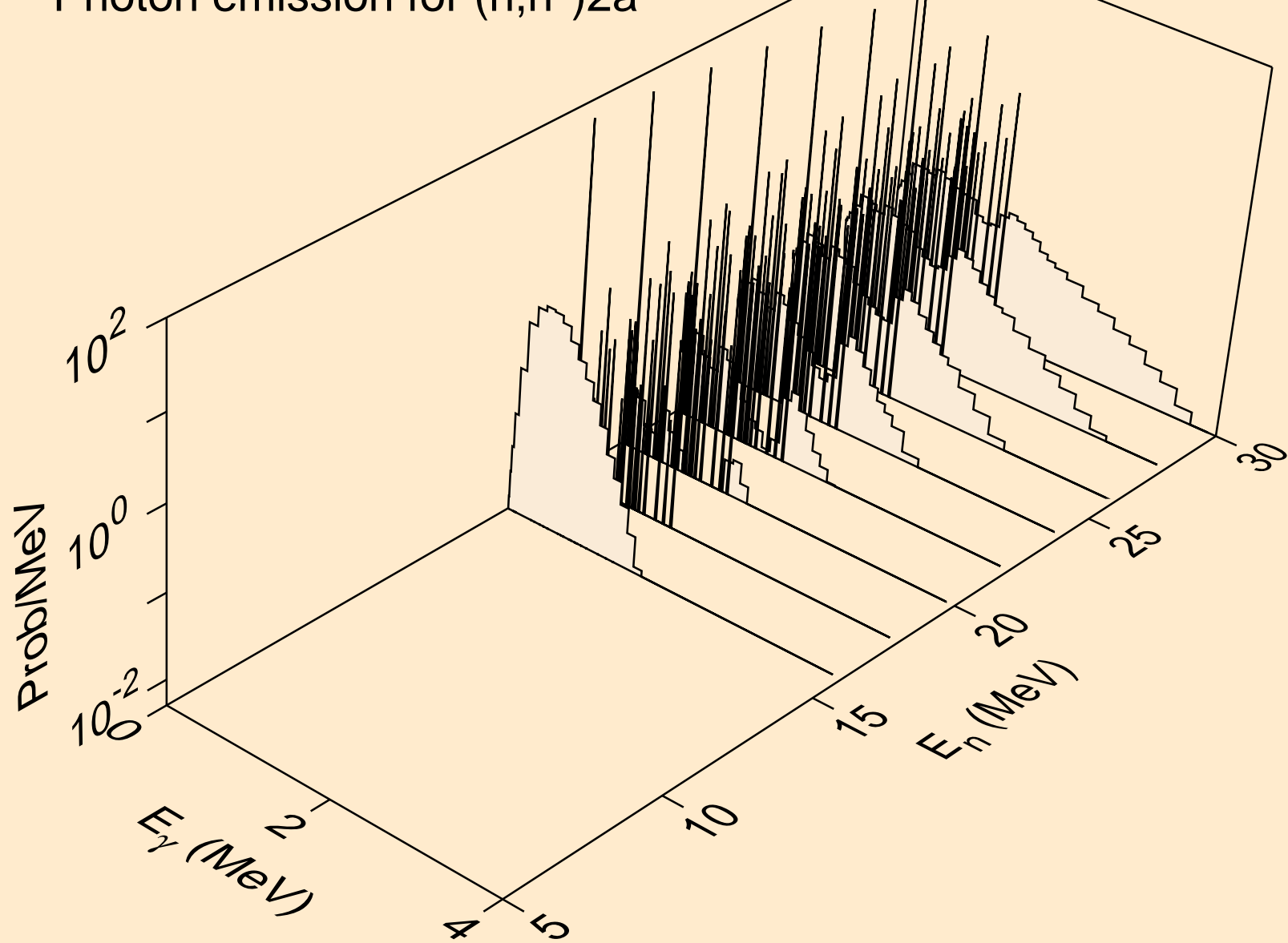
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Photon emission for (n,2n)a



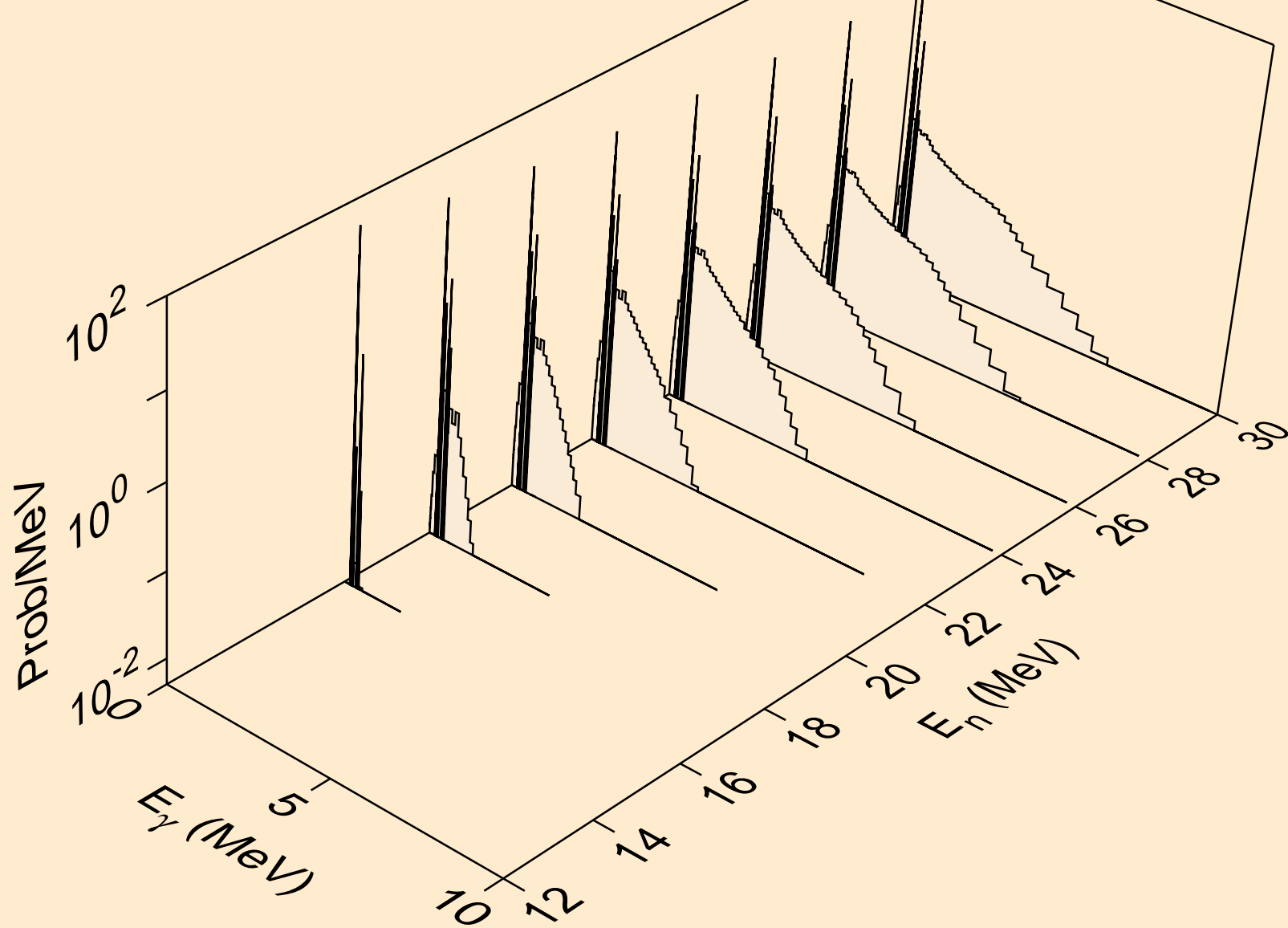
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



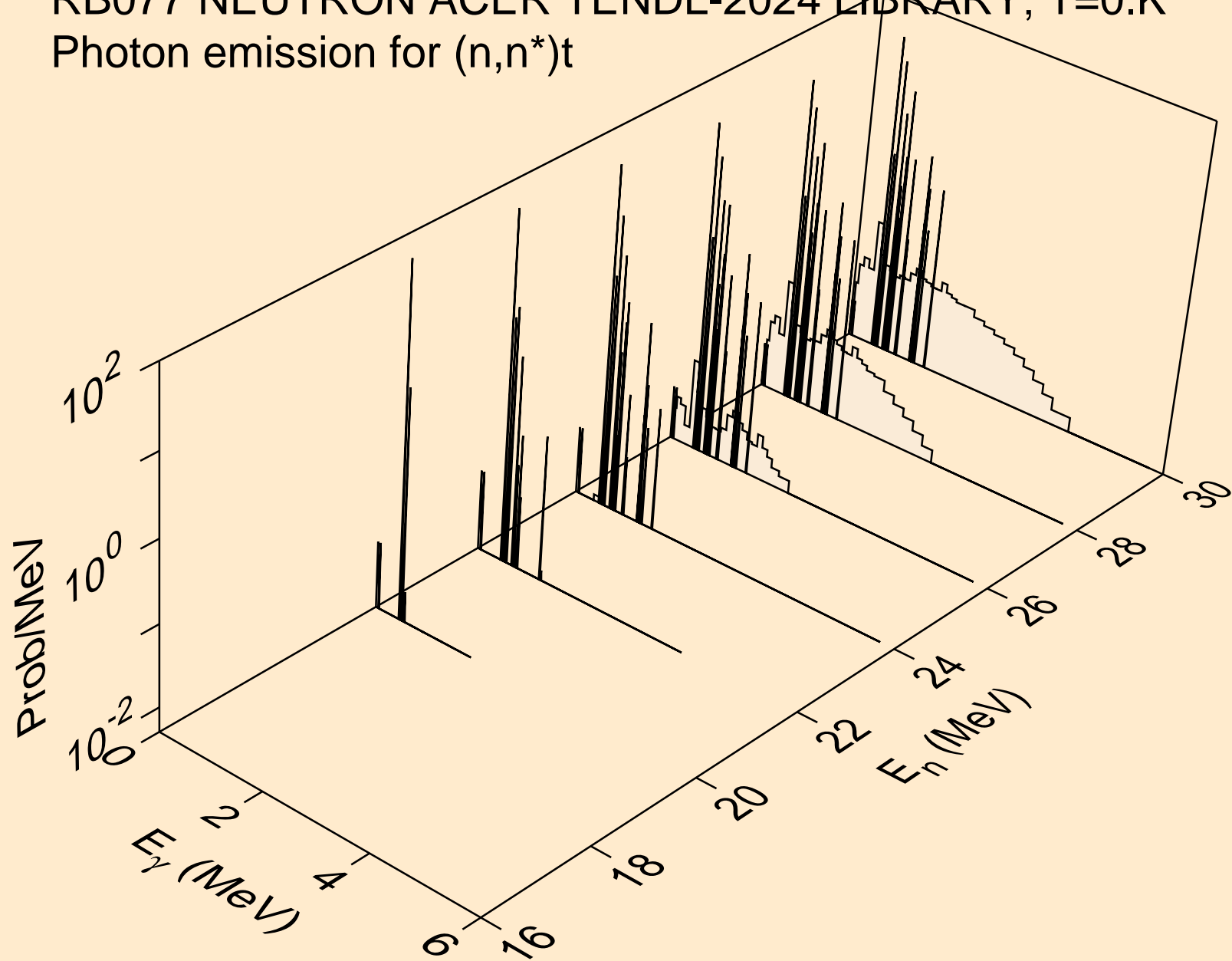
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Photon emission for (n,n\*)2a



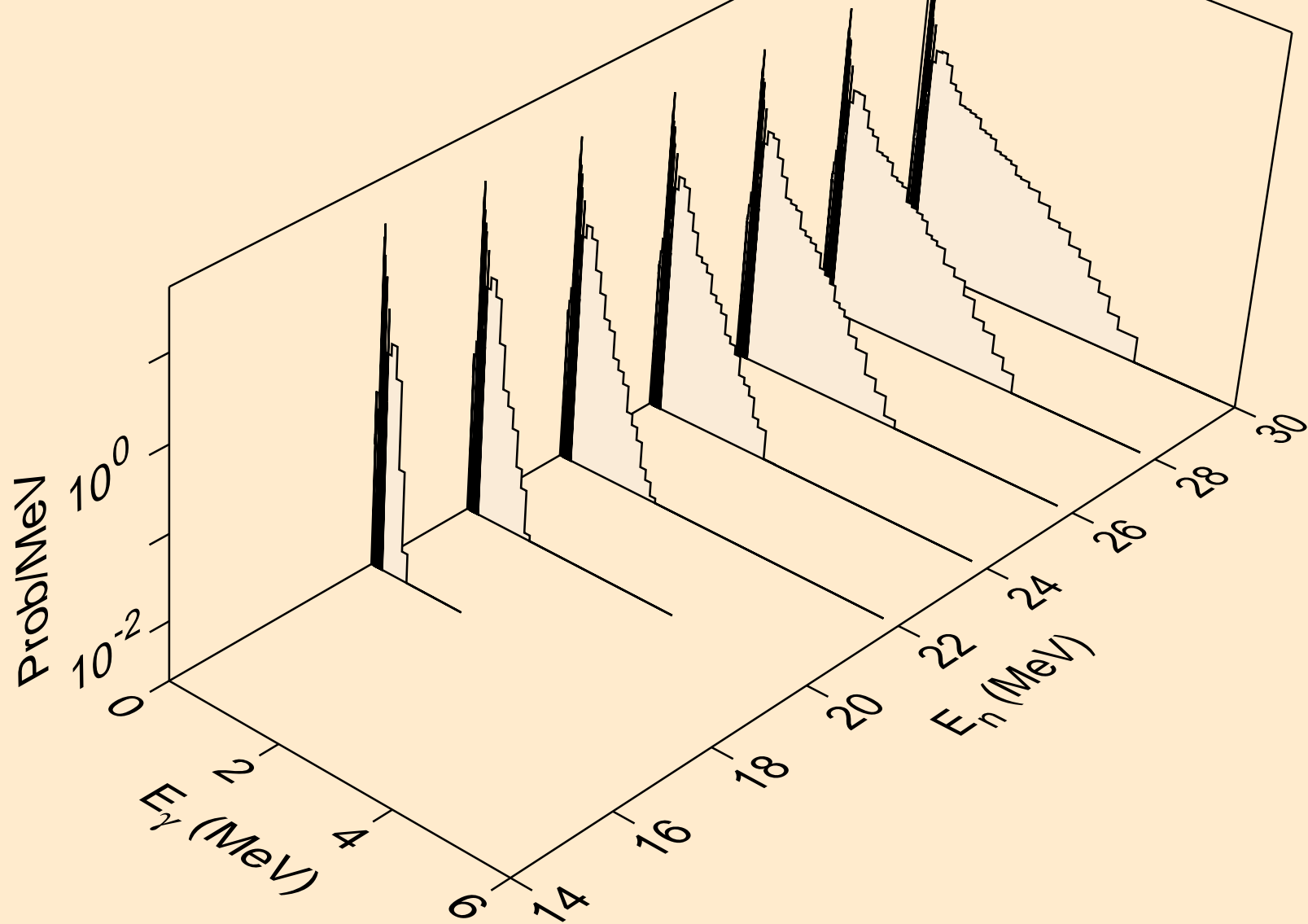
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

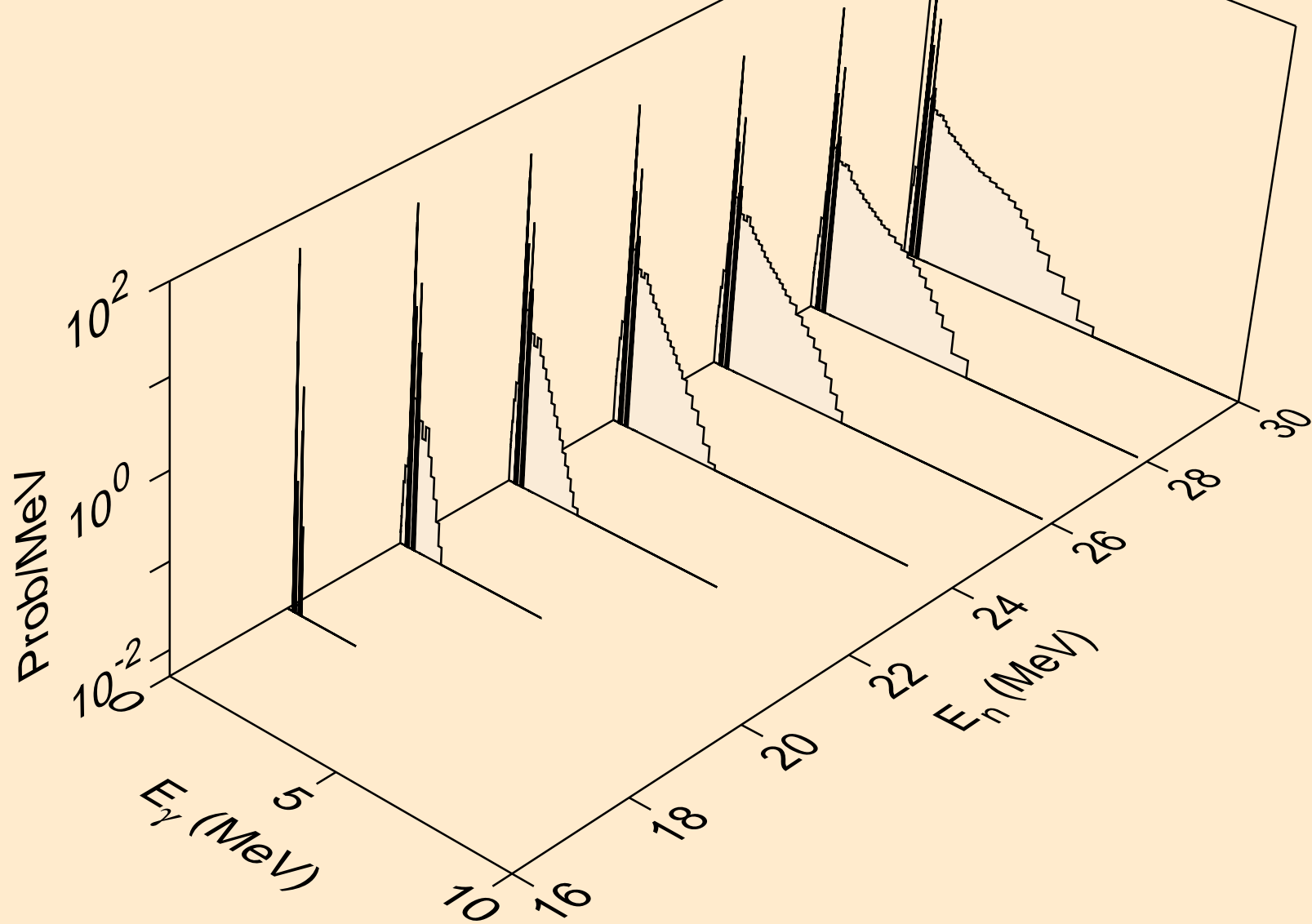


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

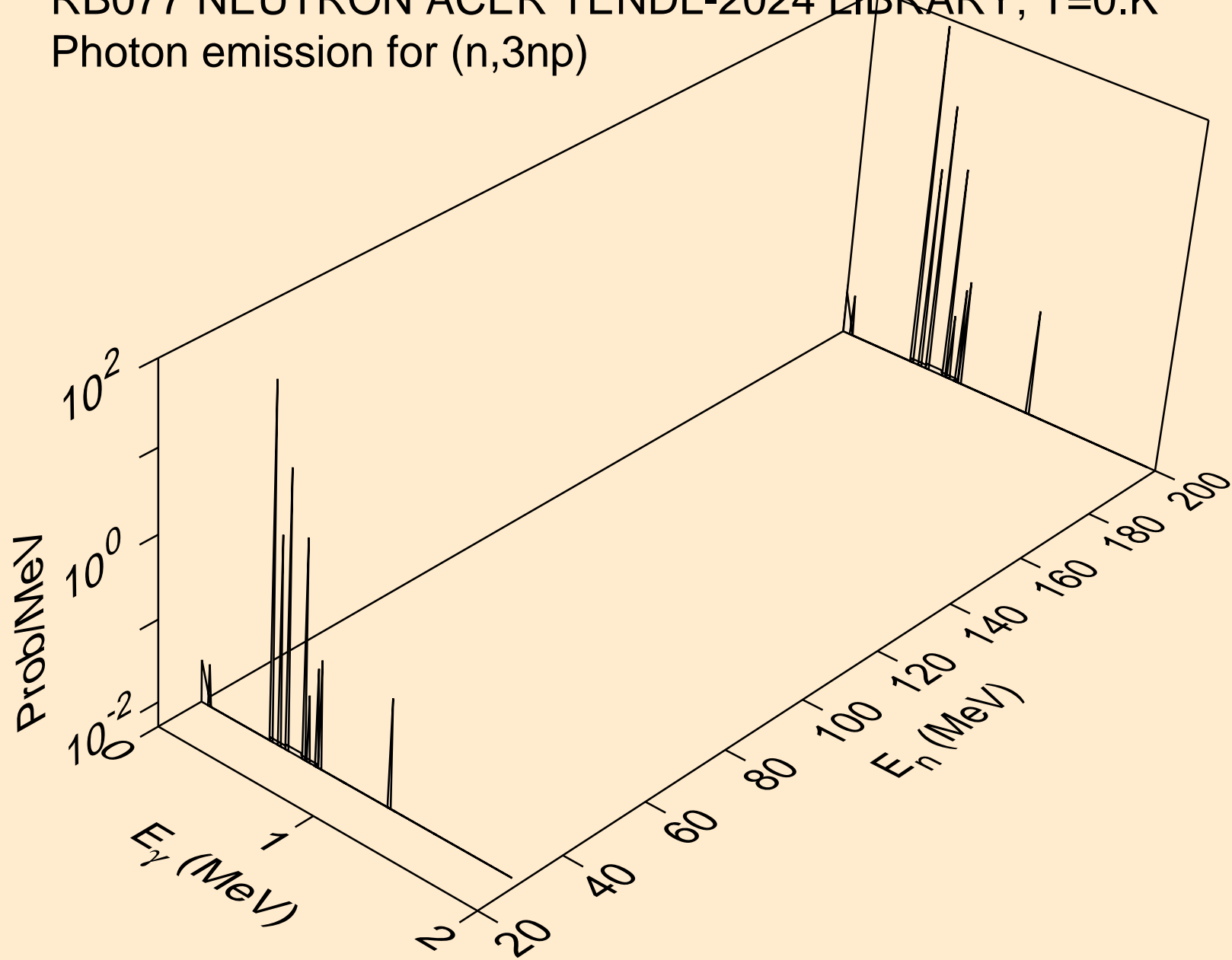




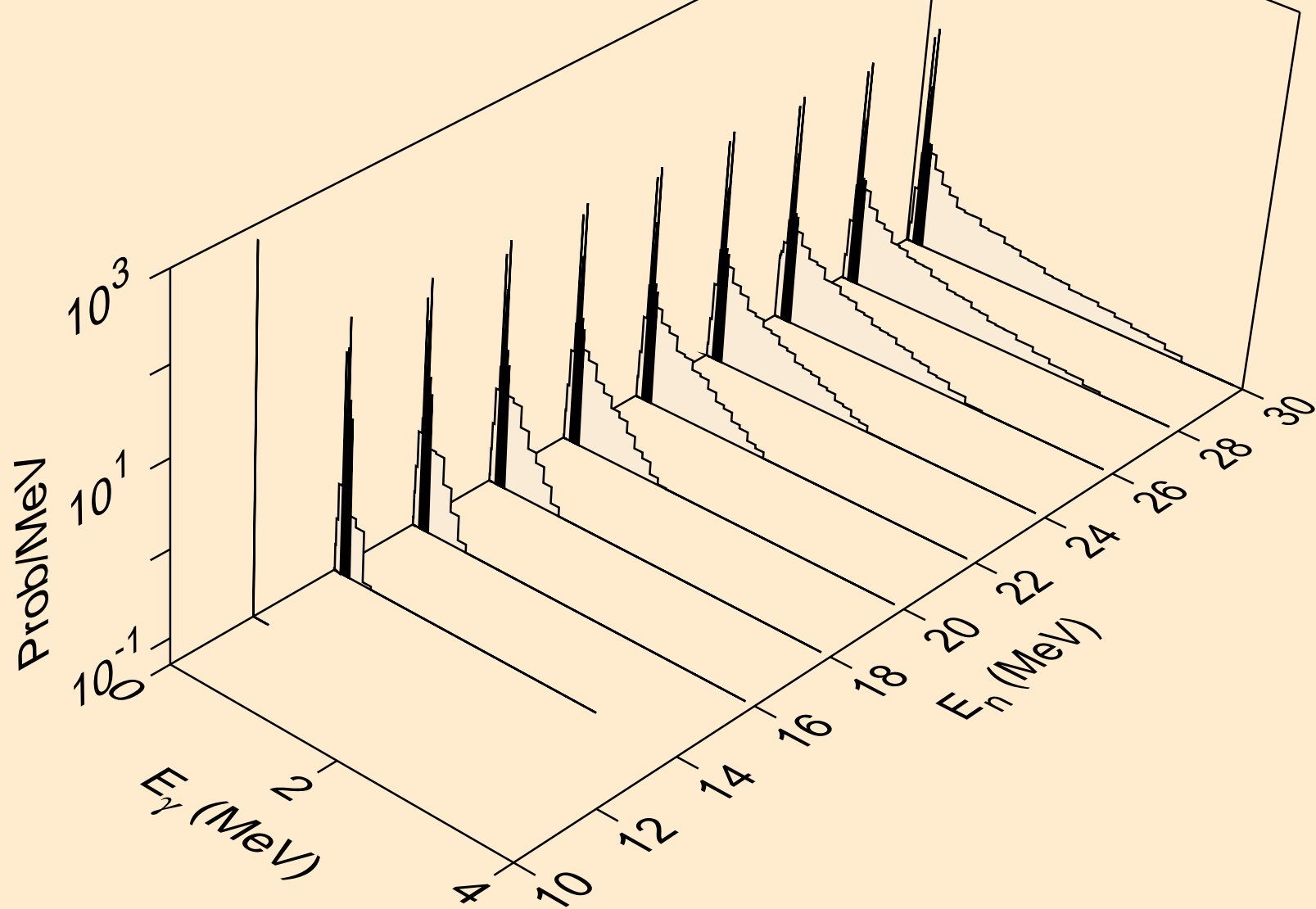
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



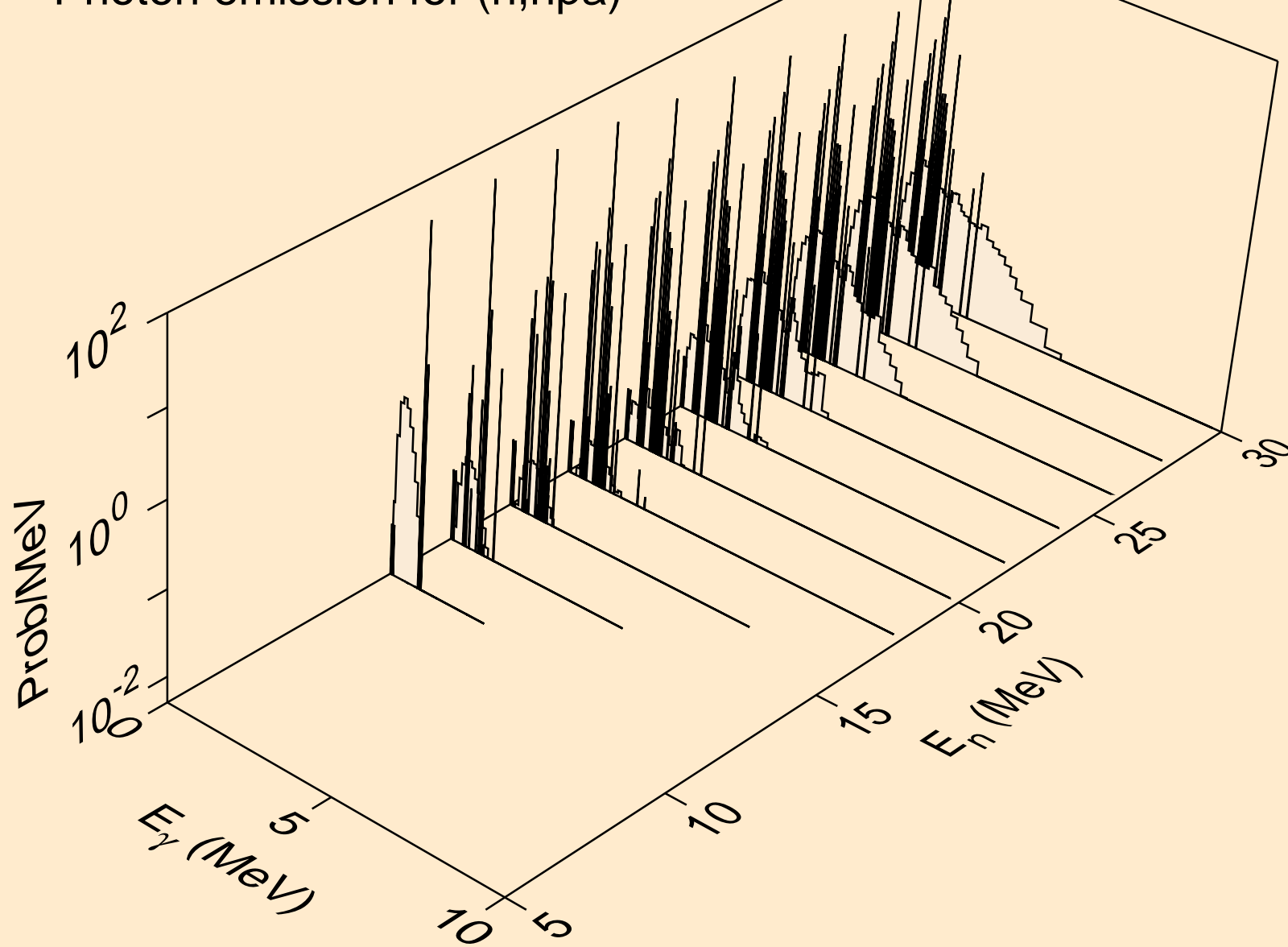
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Photon emission for (n,3np)



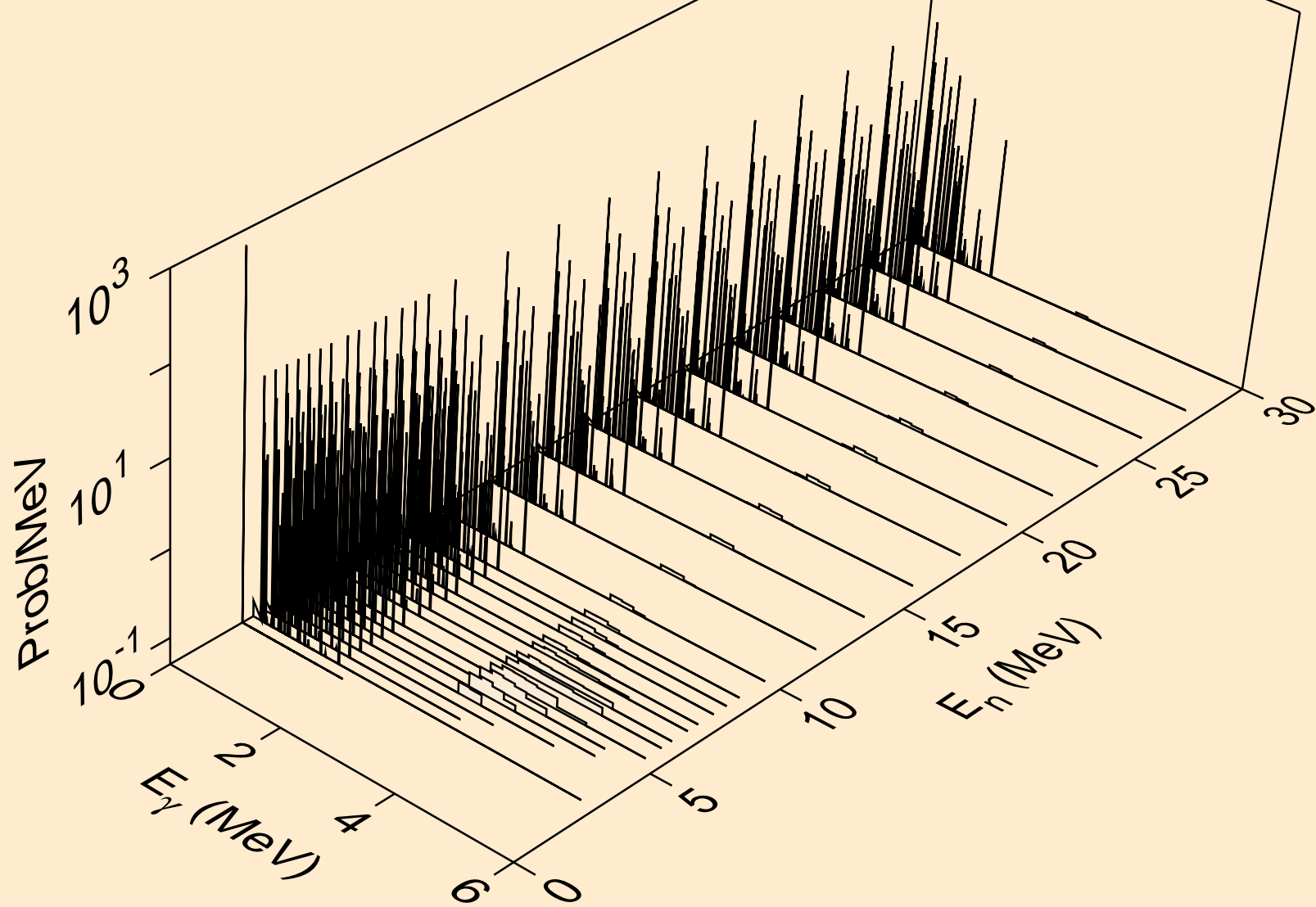
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Photon emission for (n,n2p)



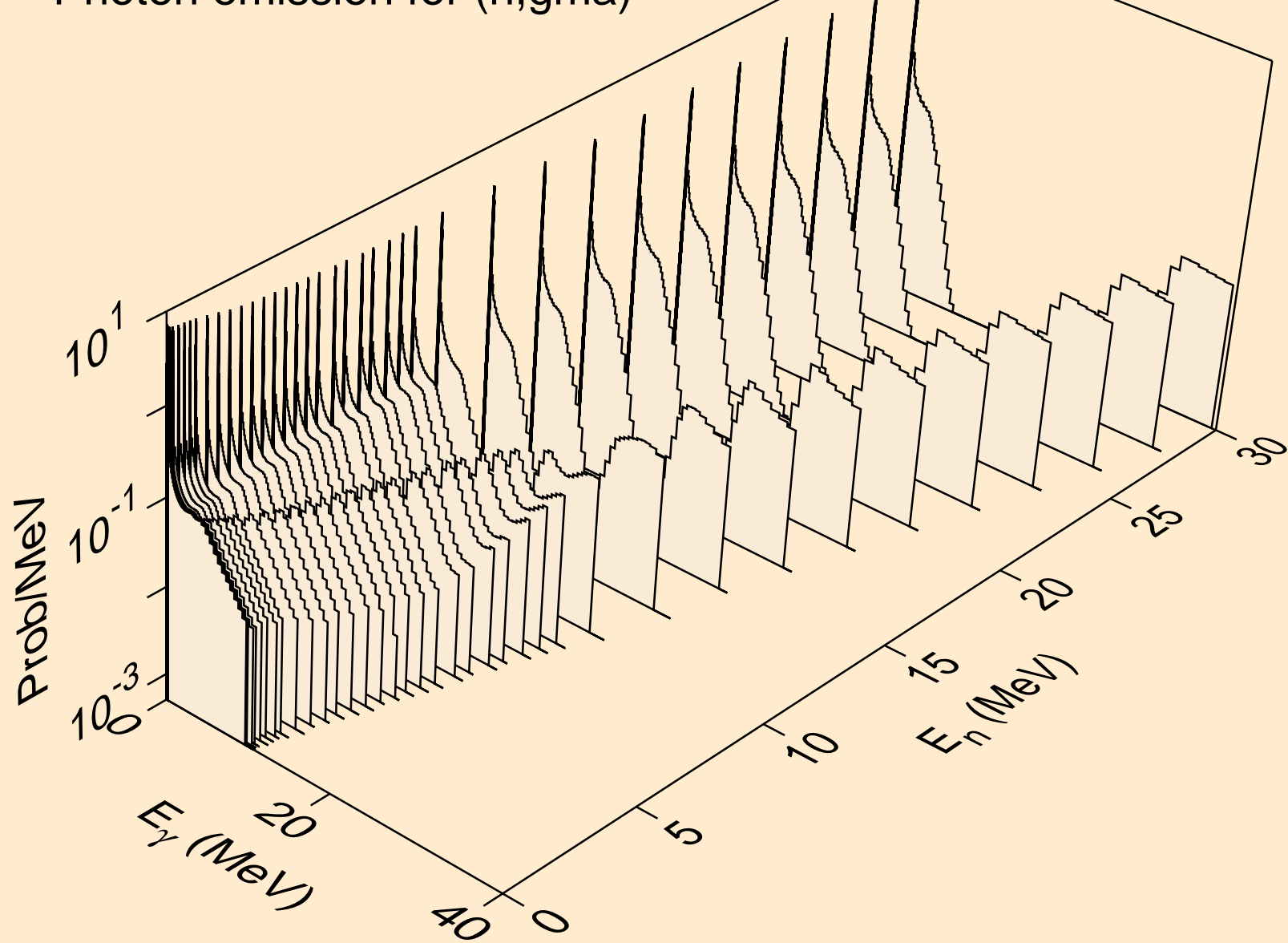
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Photon emission for (n,npa)



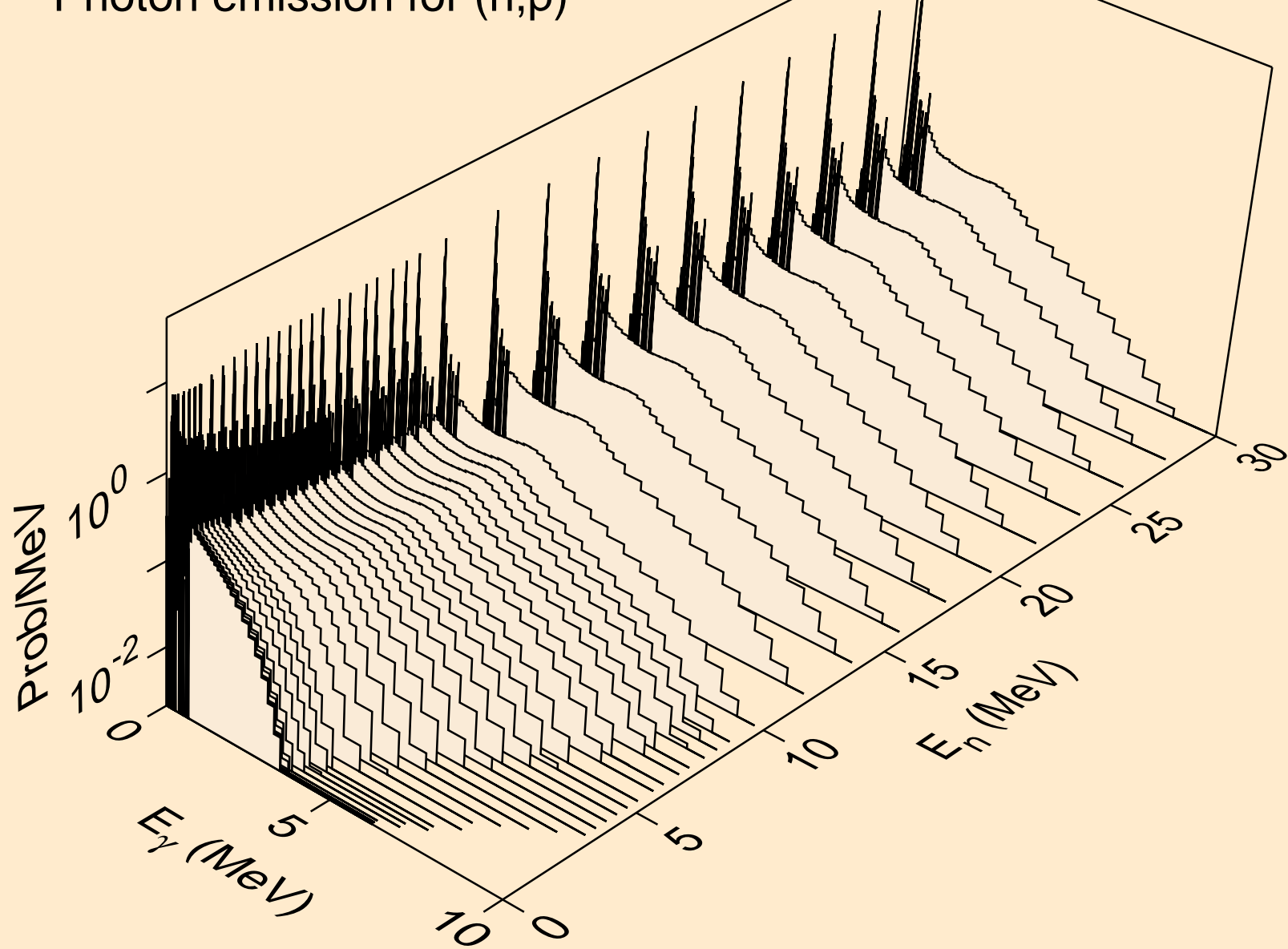
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Photon emission for (n,n\*c)



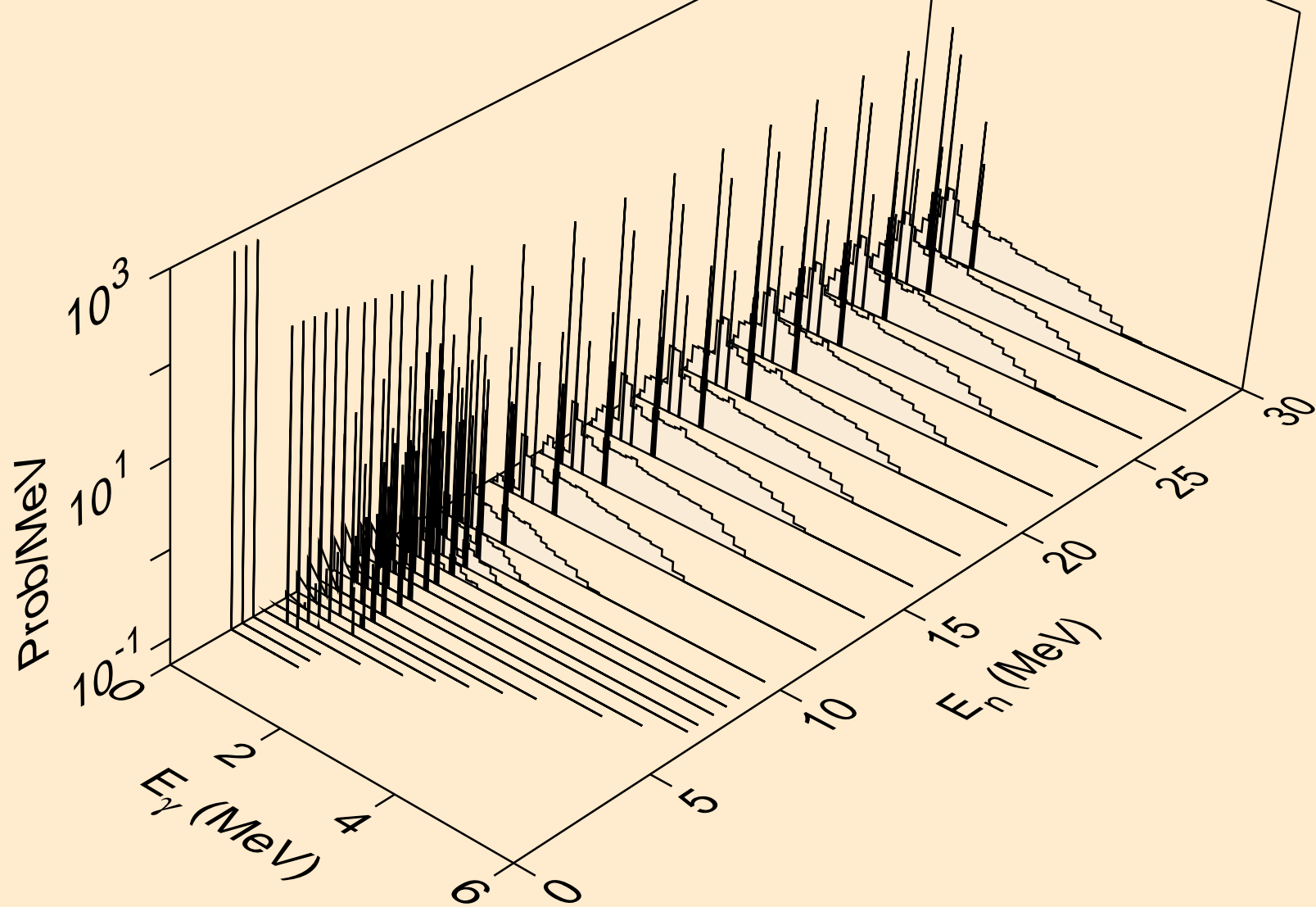
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

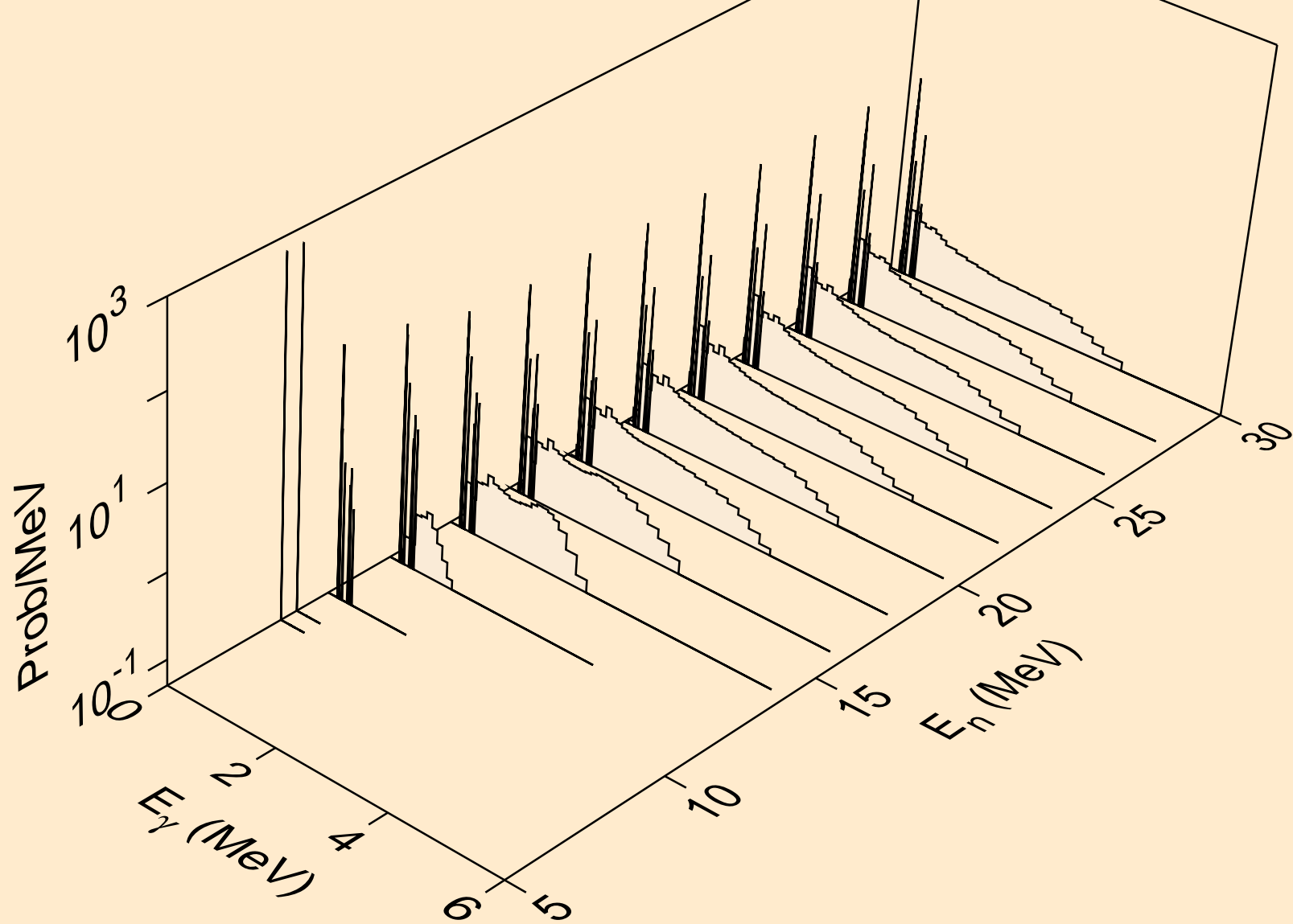


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

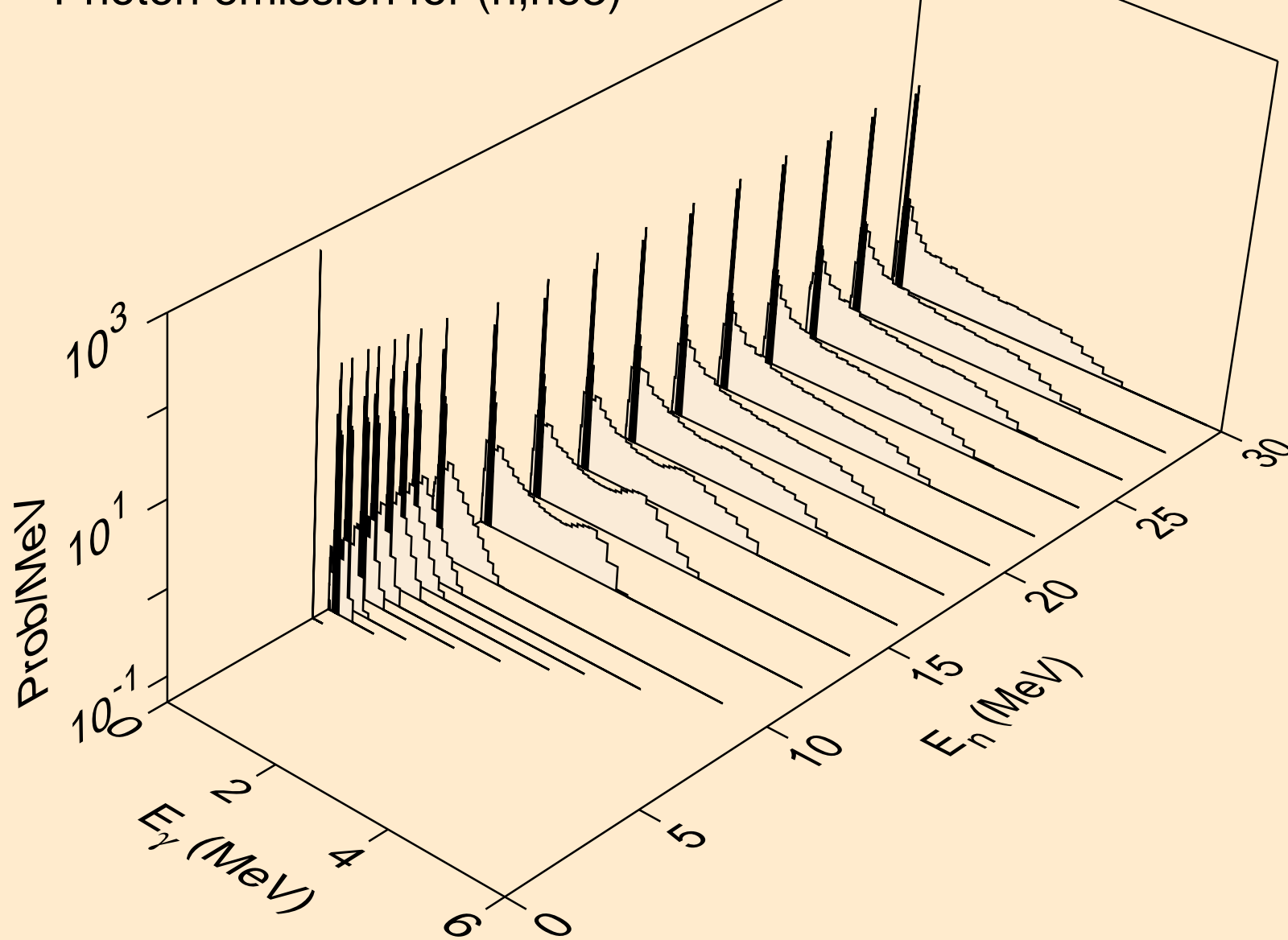




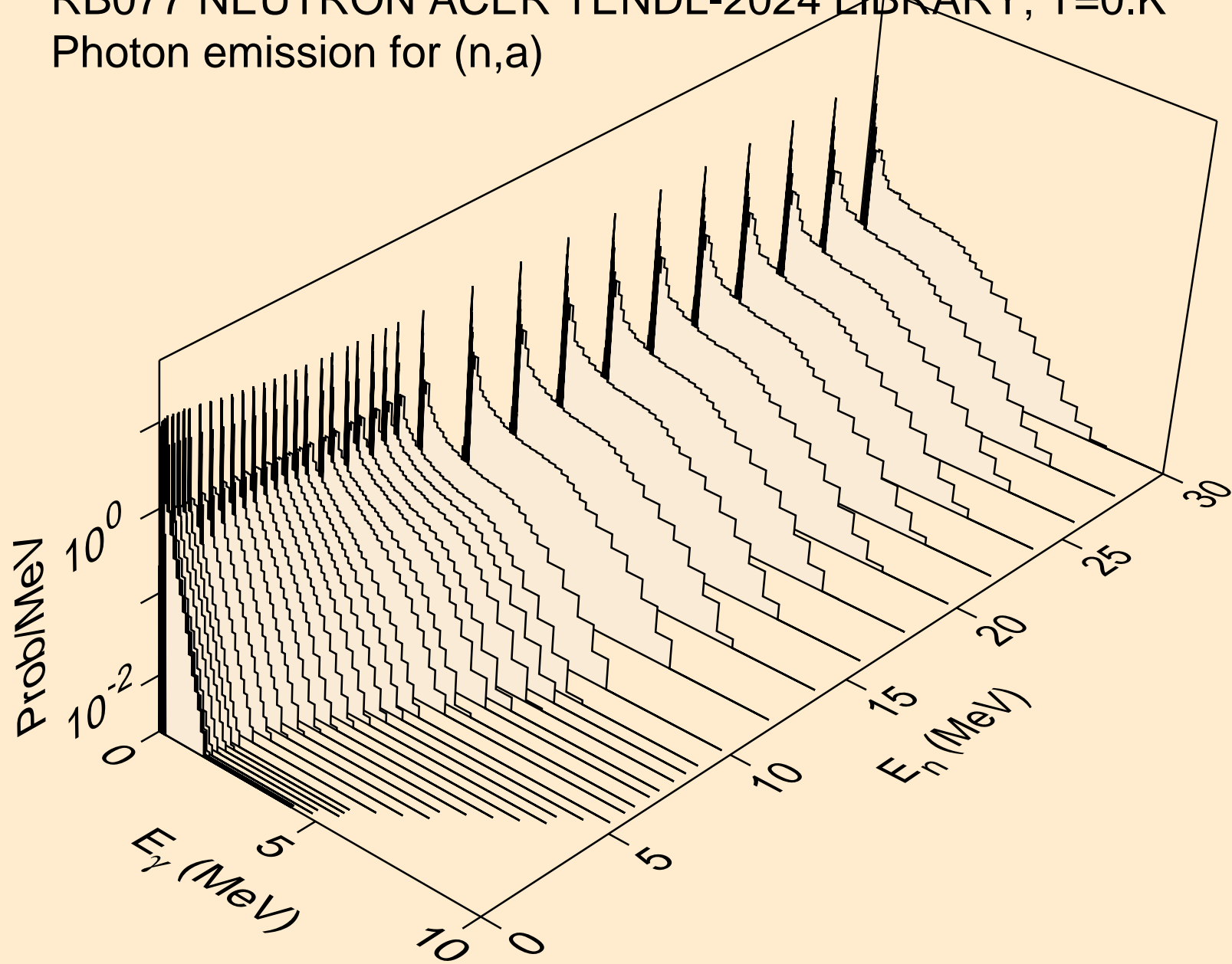
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Photon emission for (n,t)



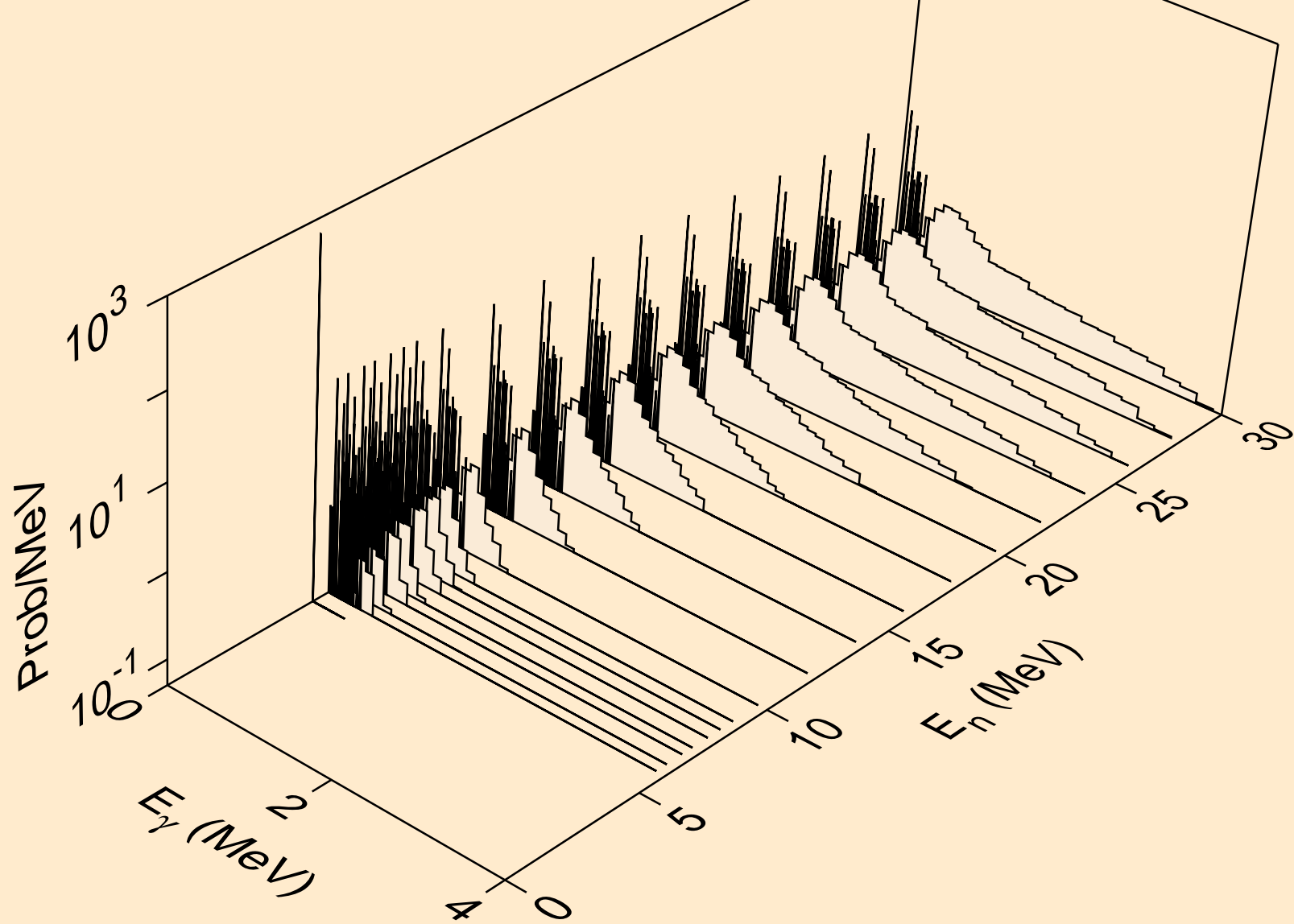
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Photon emission for (n,he3)



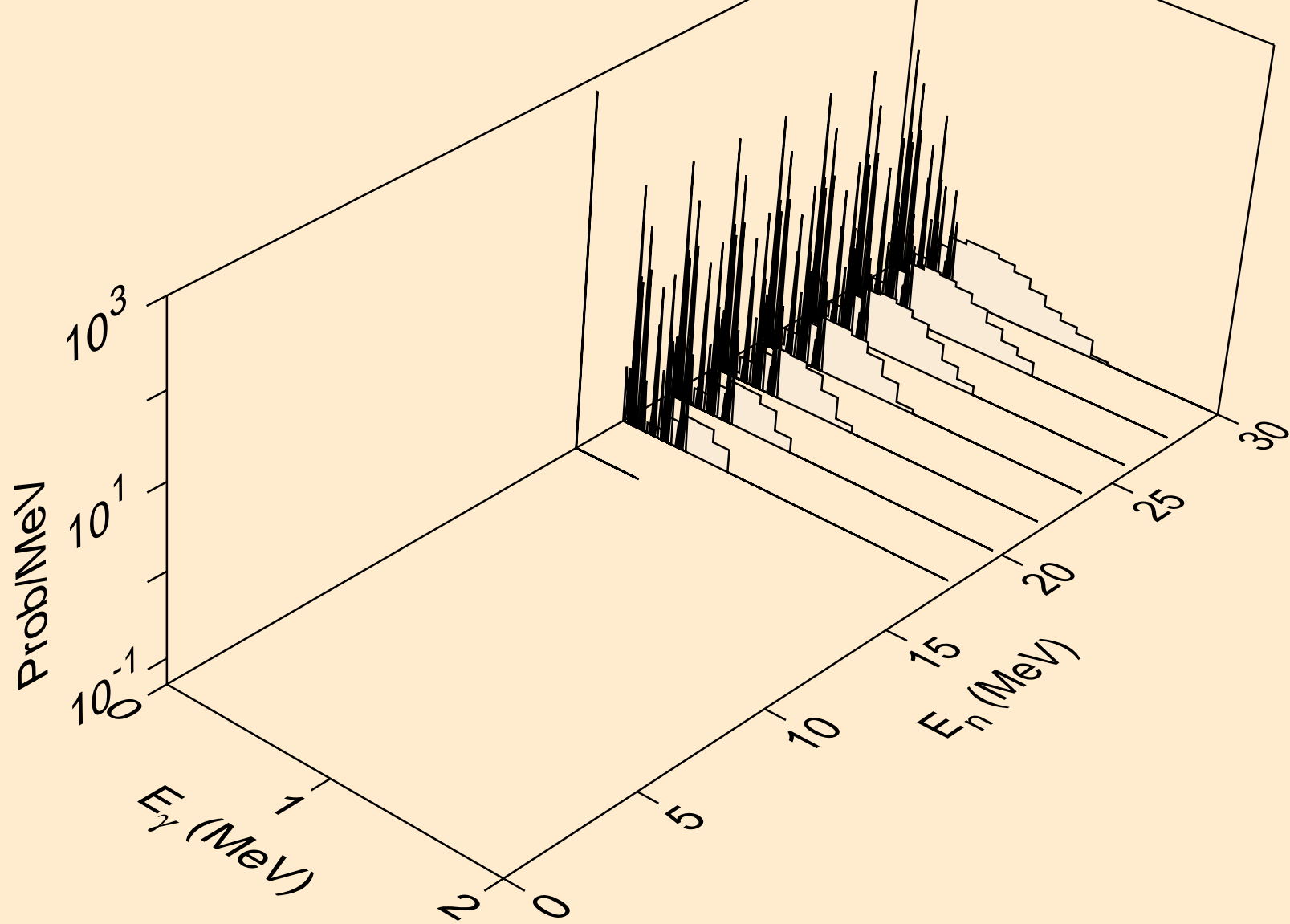
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Photon emission for (n,a)



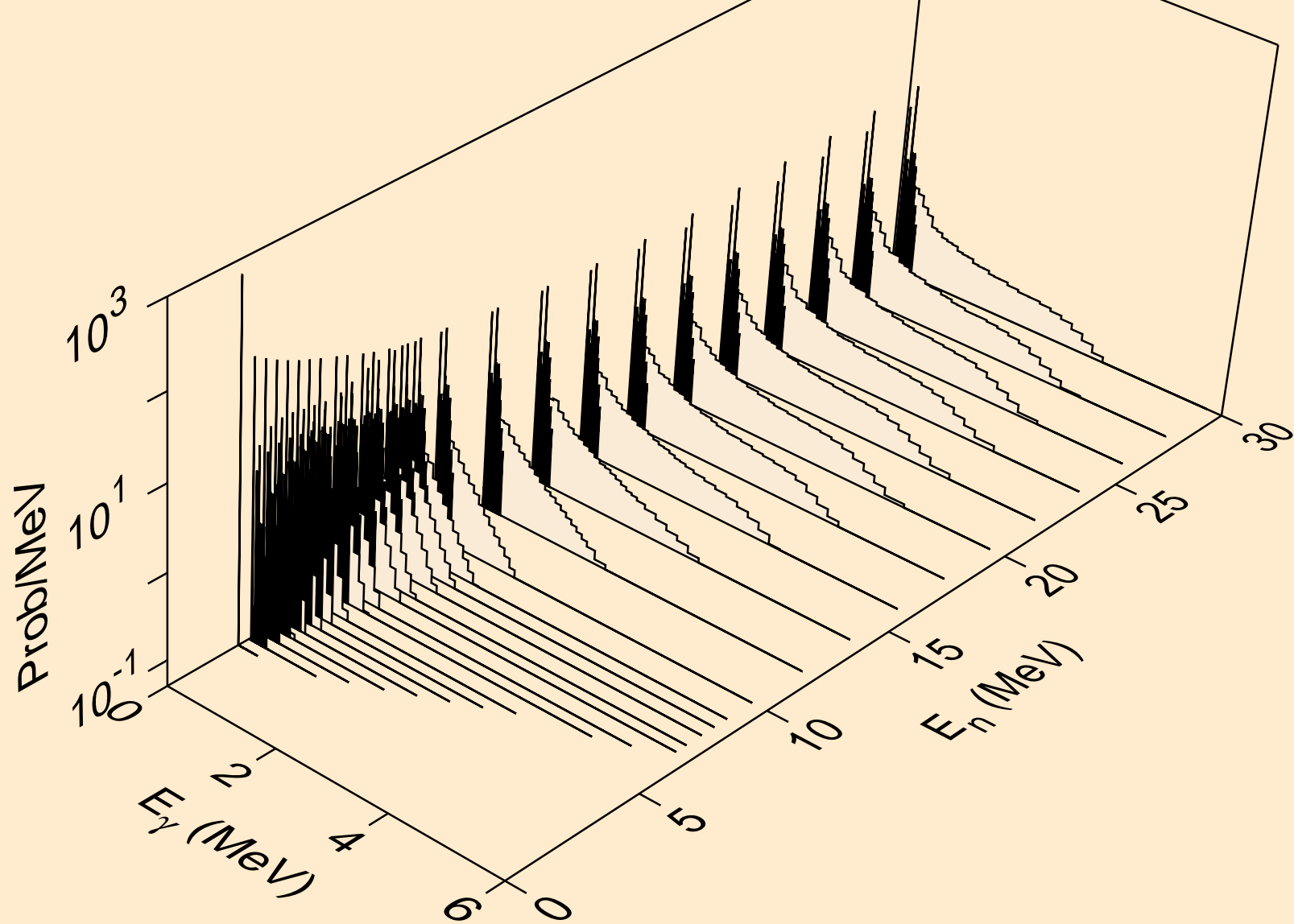
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Photon emission for (n,2a)



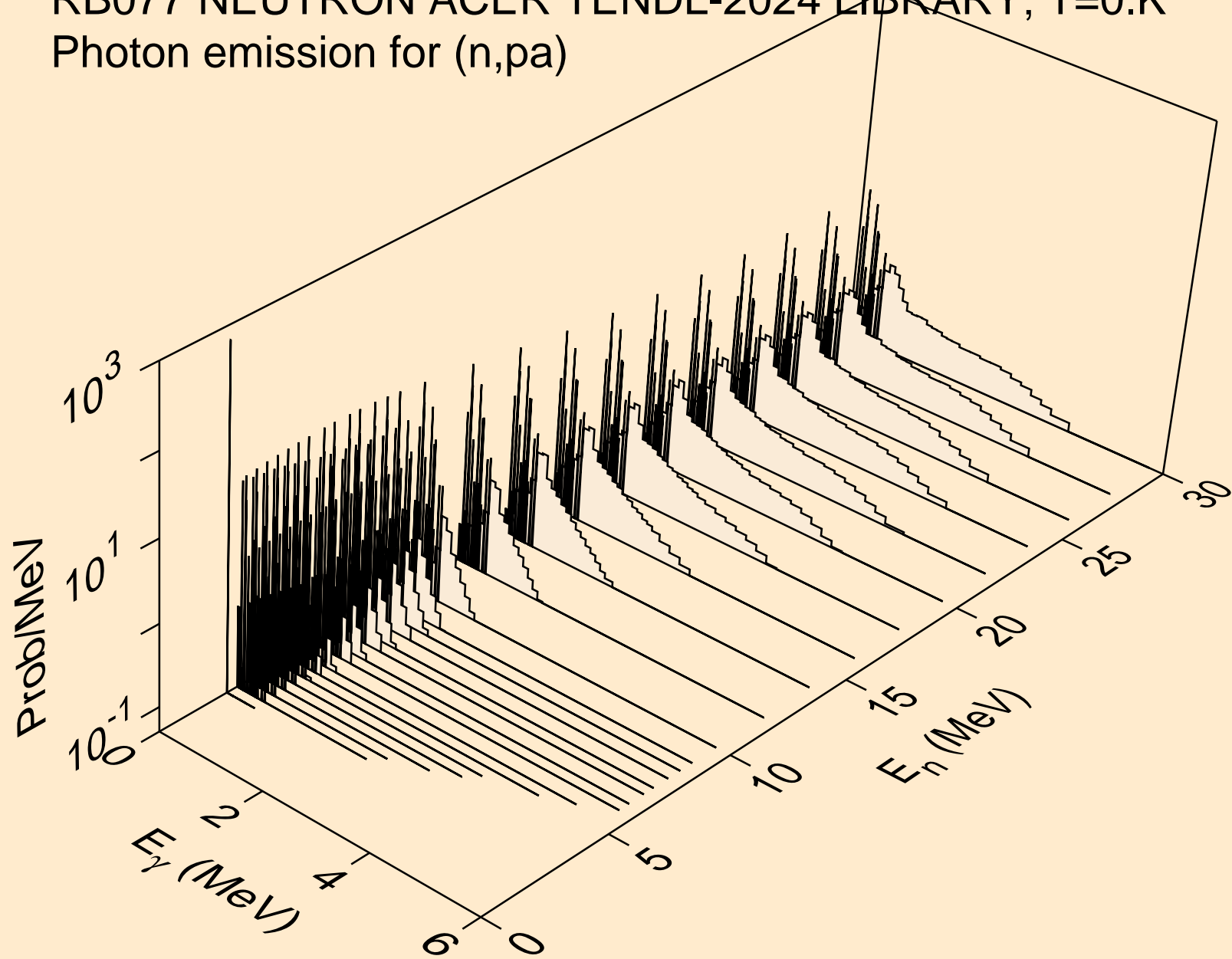
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Photon emission for (n,3a)



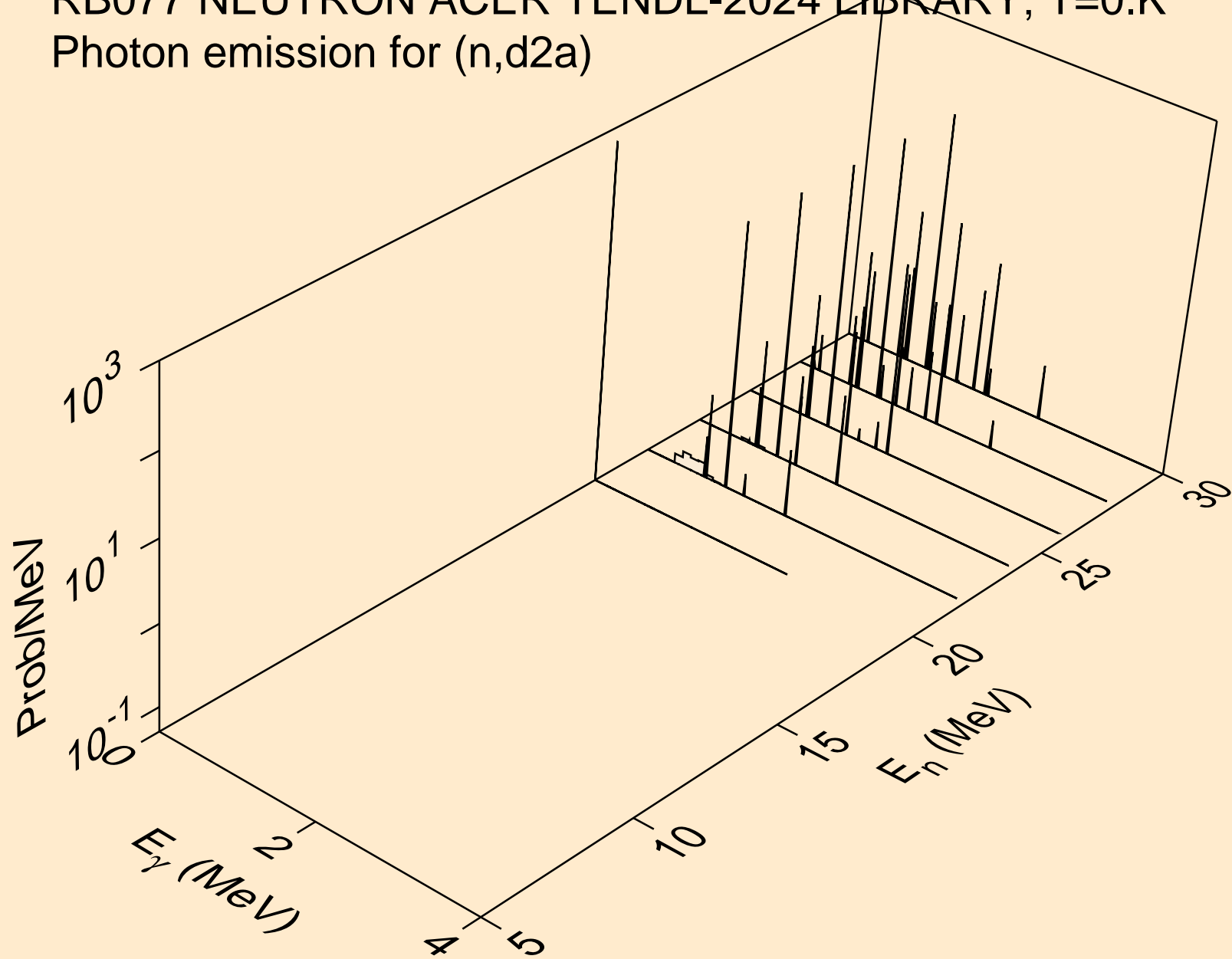
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

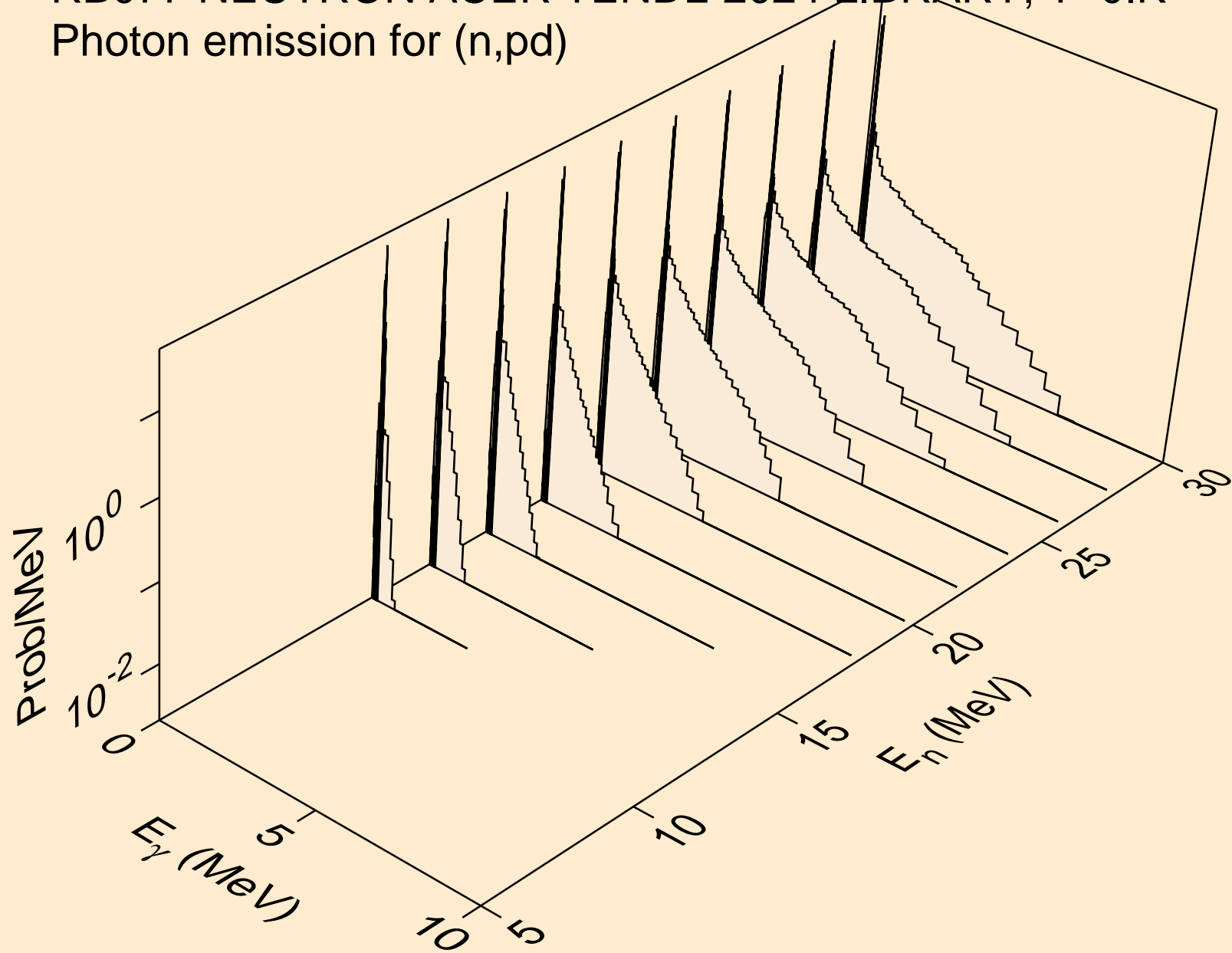


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Photon emission for (n,d2a)

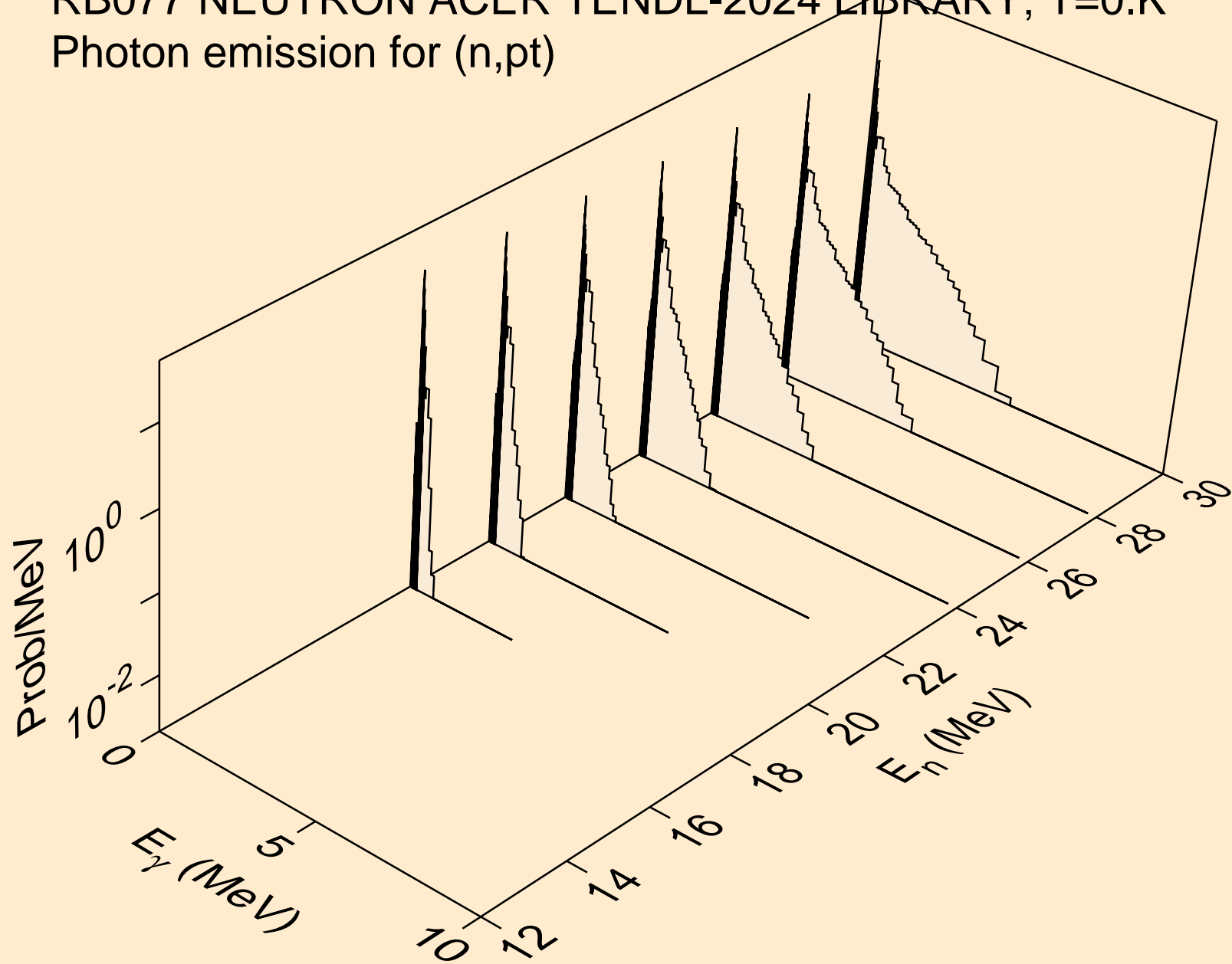




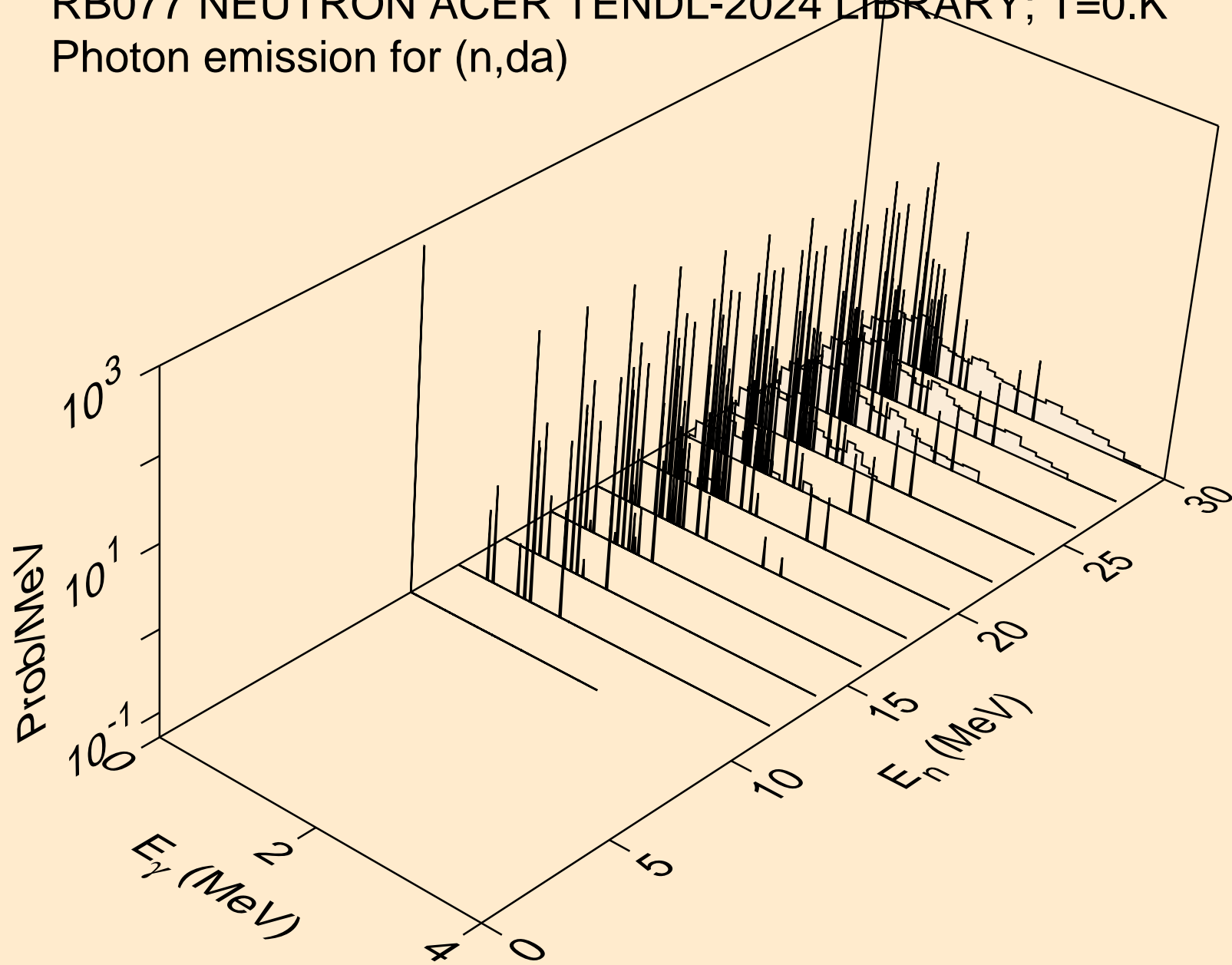
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Photon emission for (n,pd)



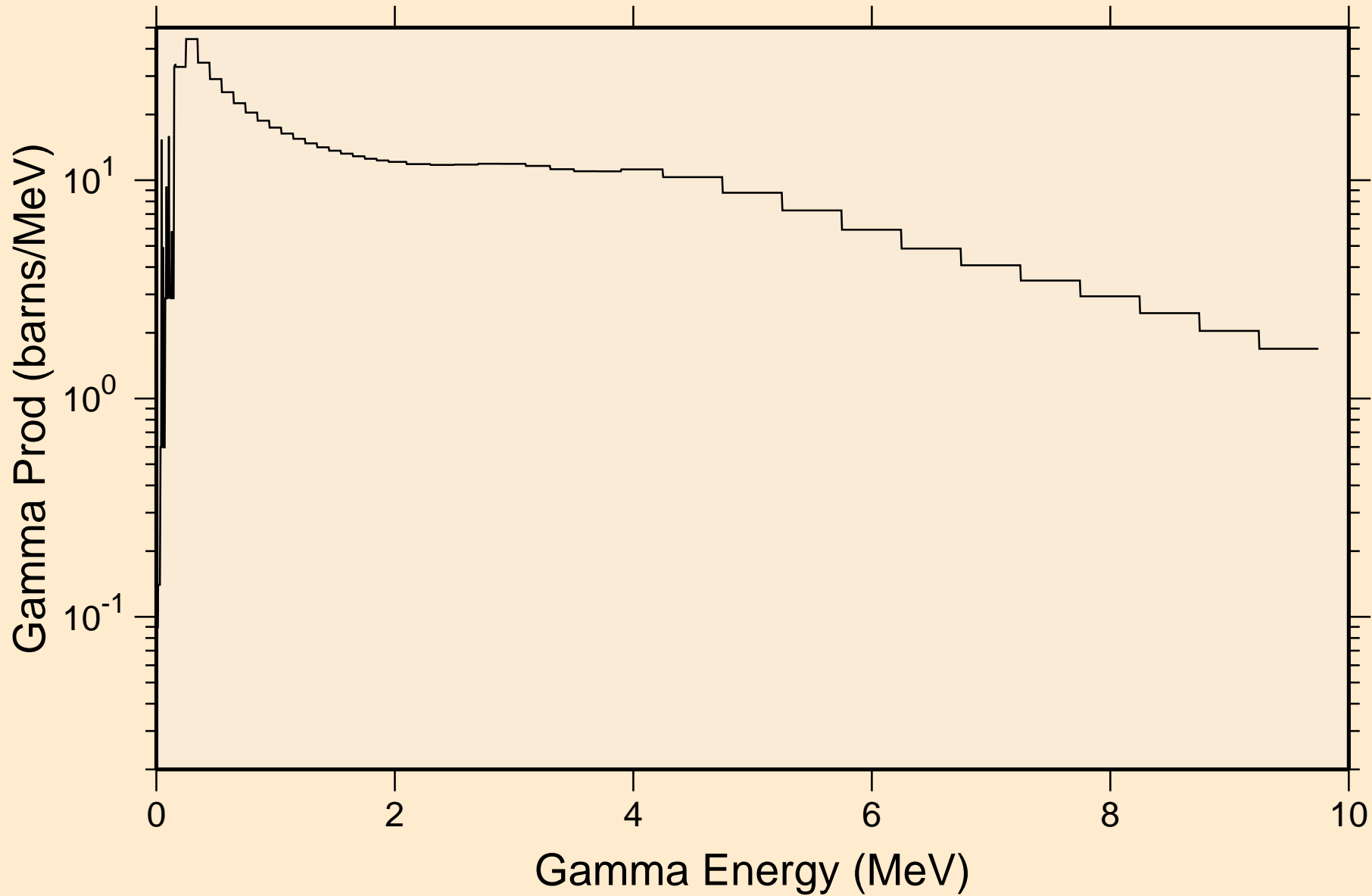
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Photon emission for (n,pt)



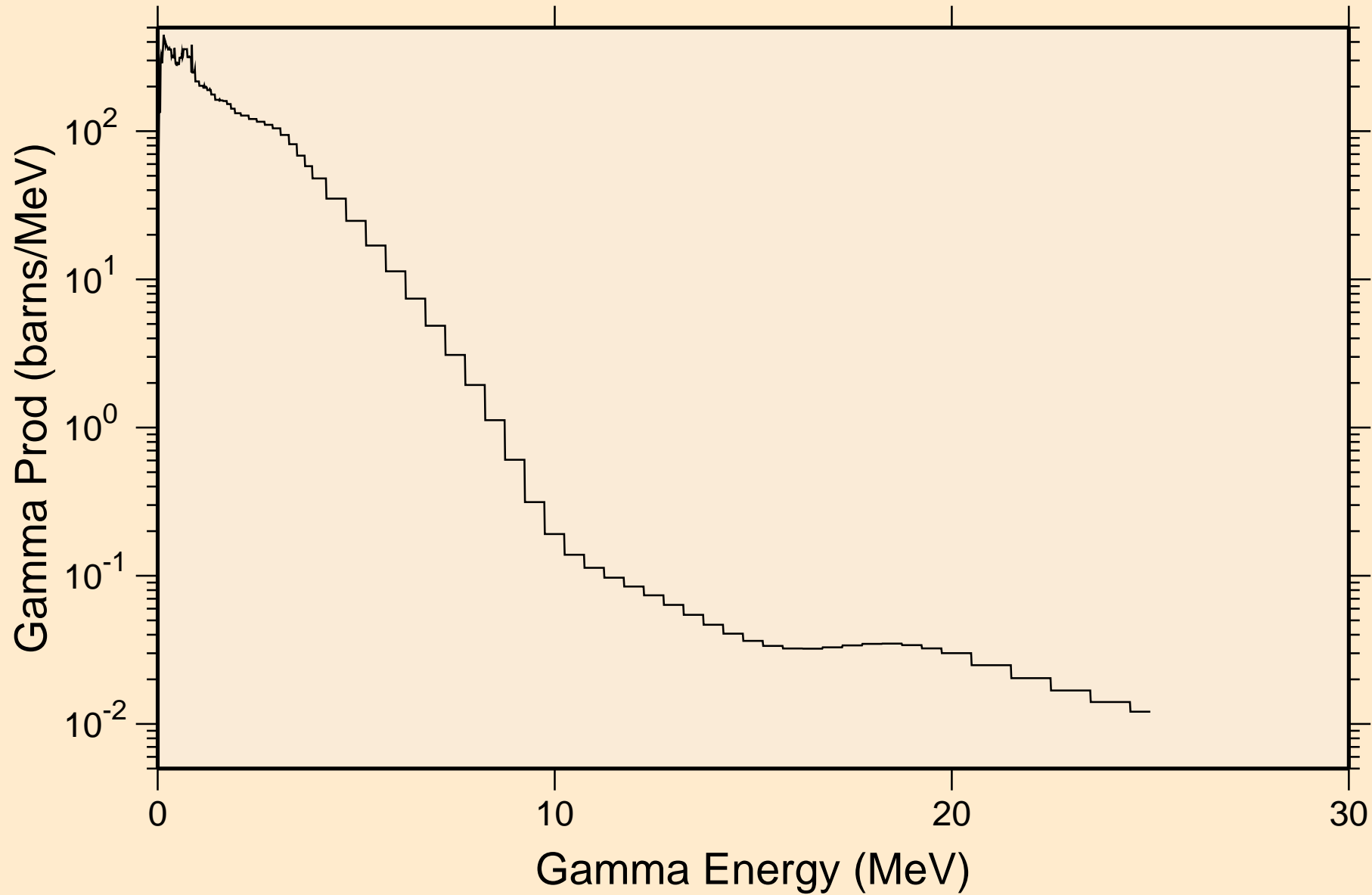
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

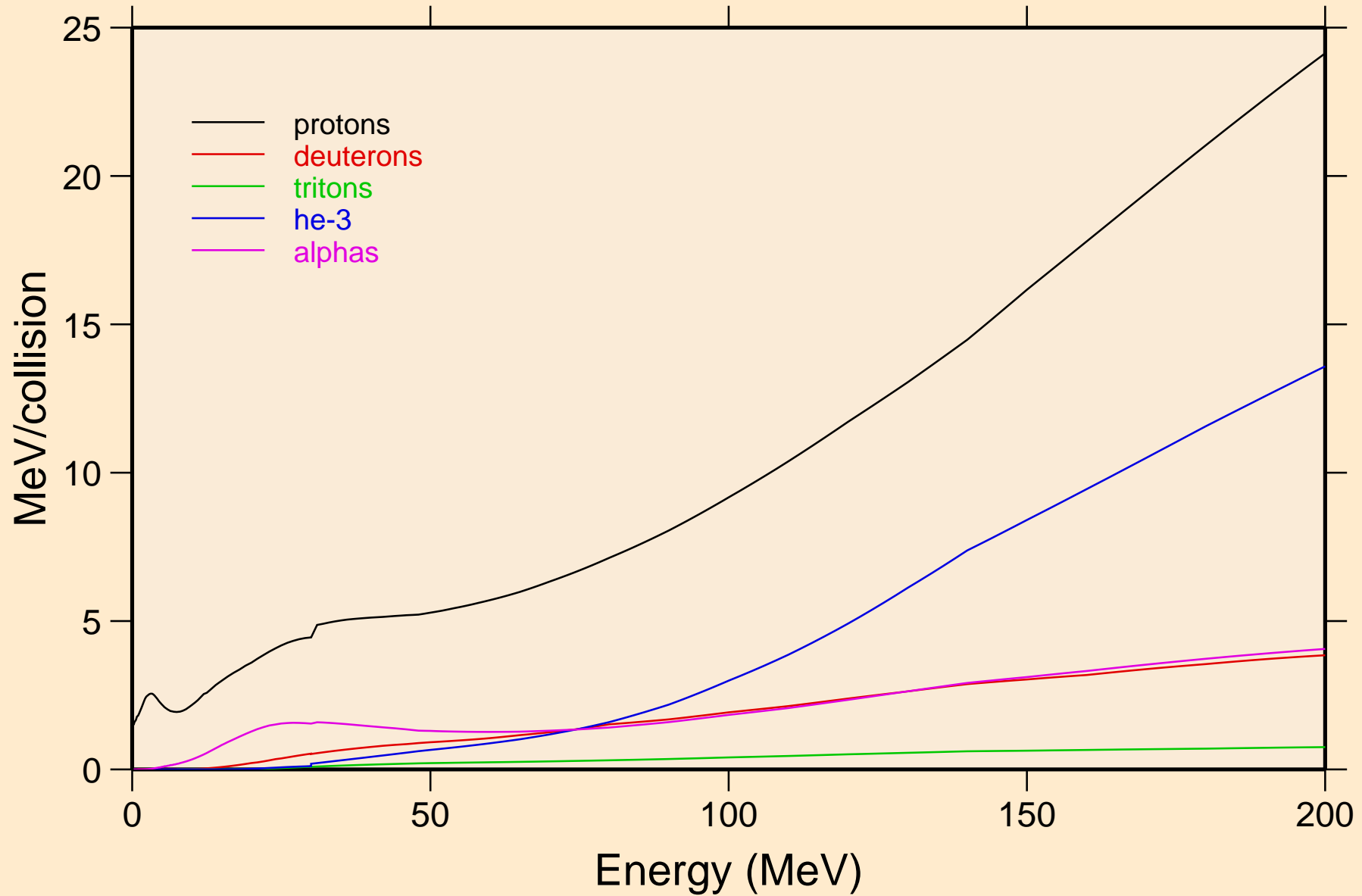


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

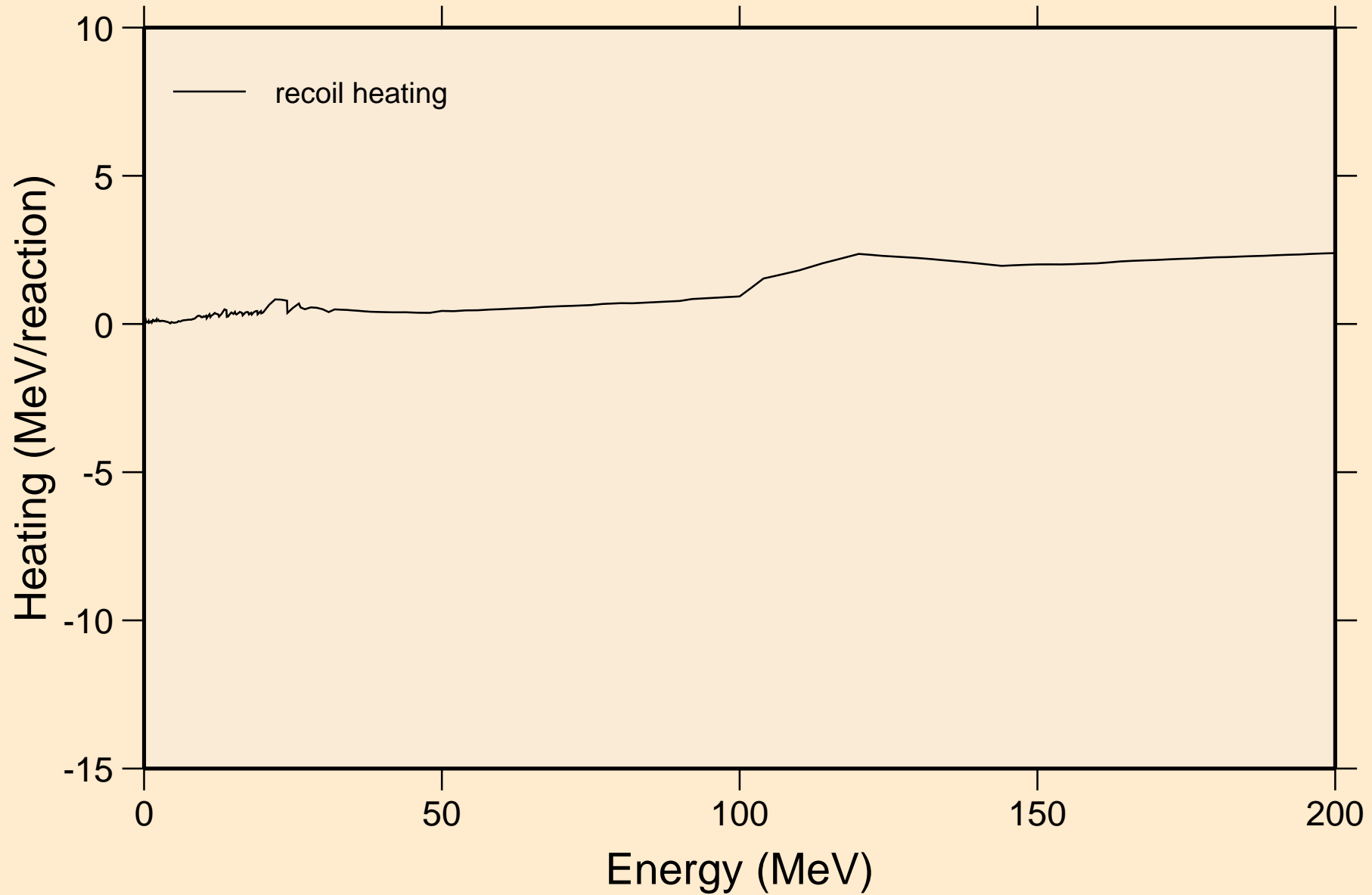


# RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

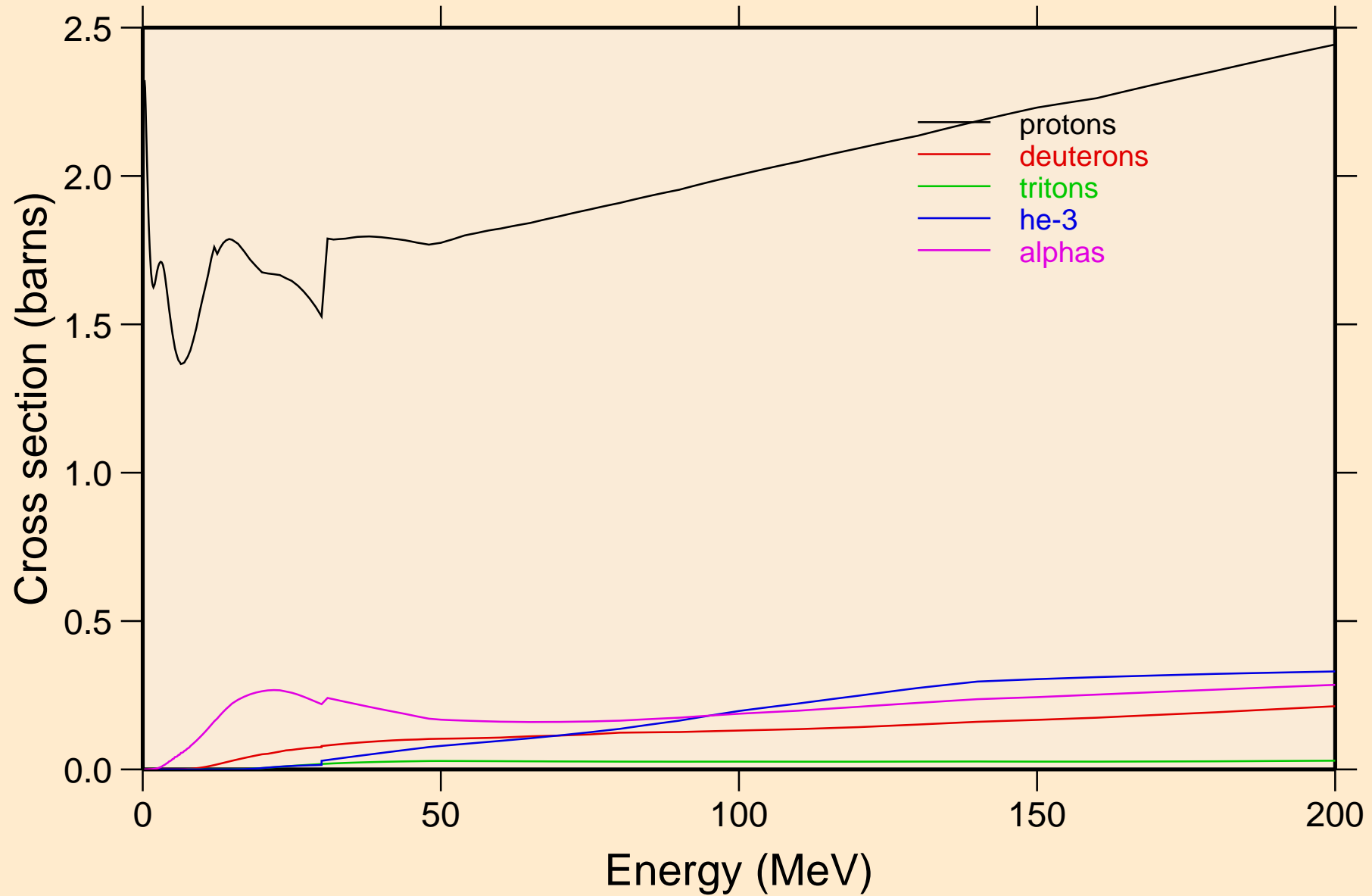
## Particle heating contributions



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

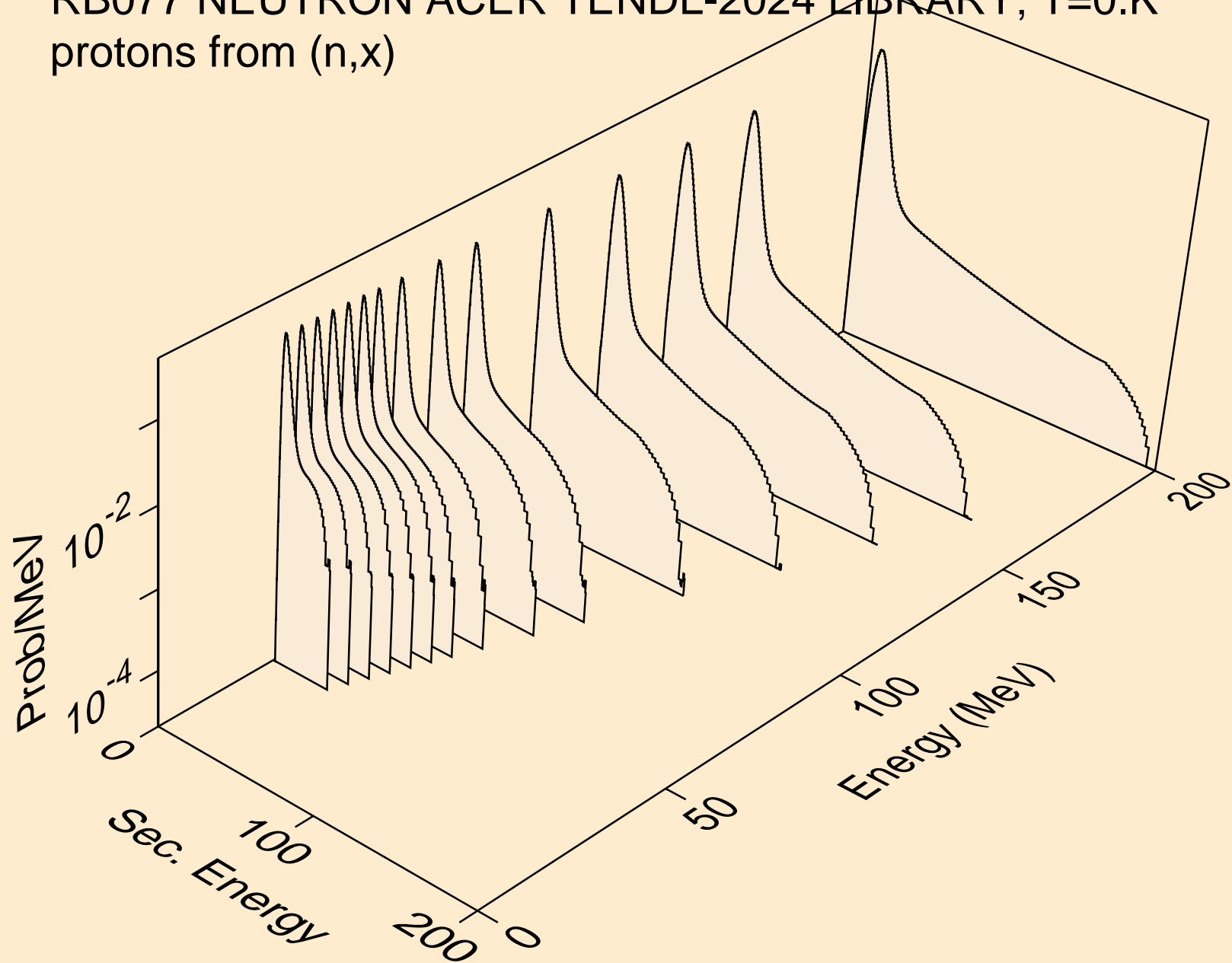


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

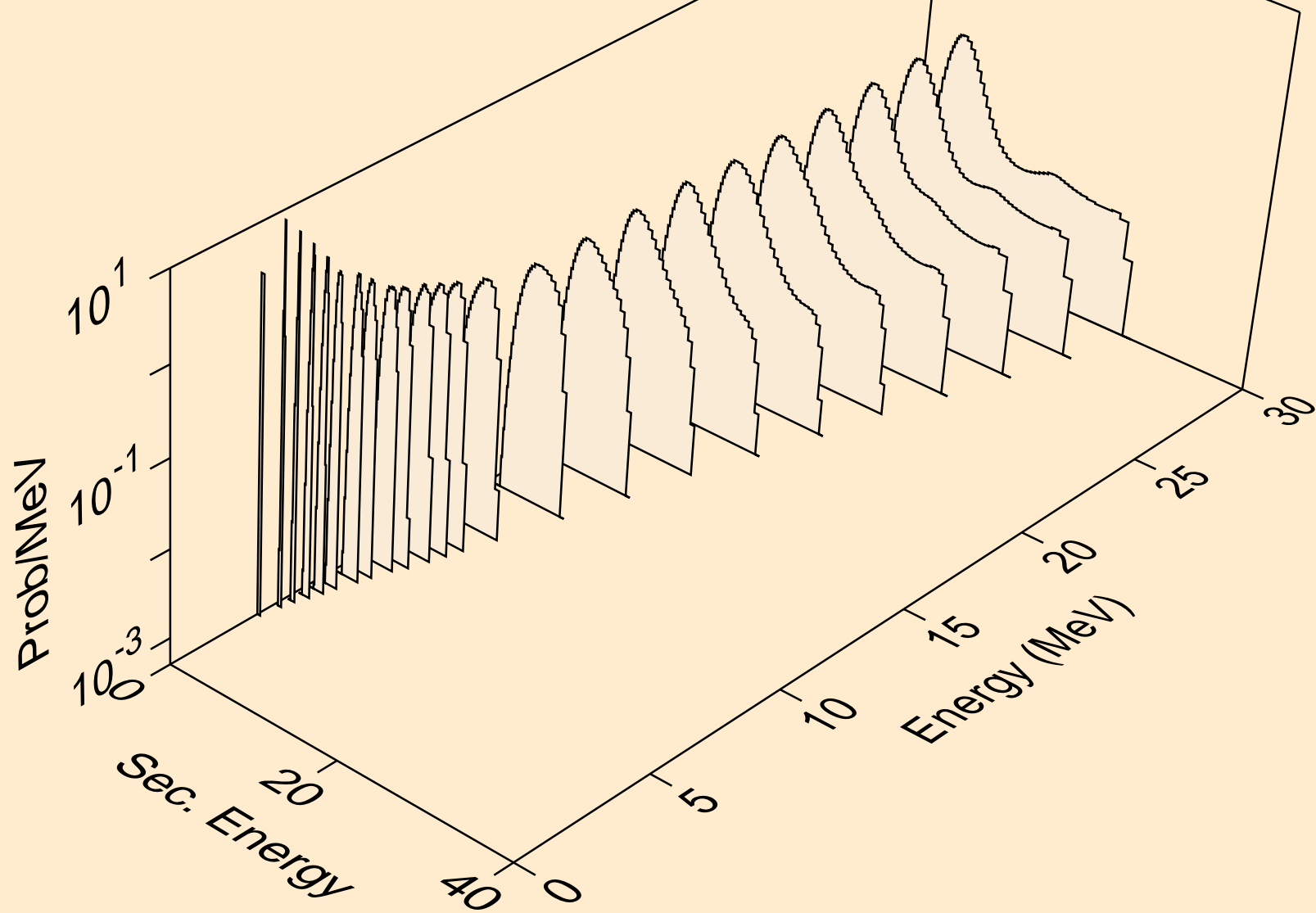




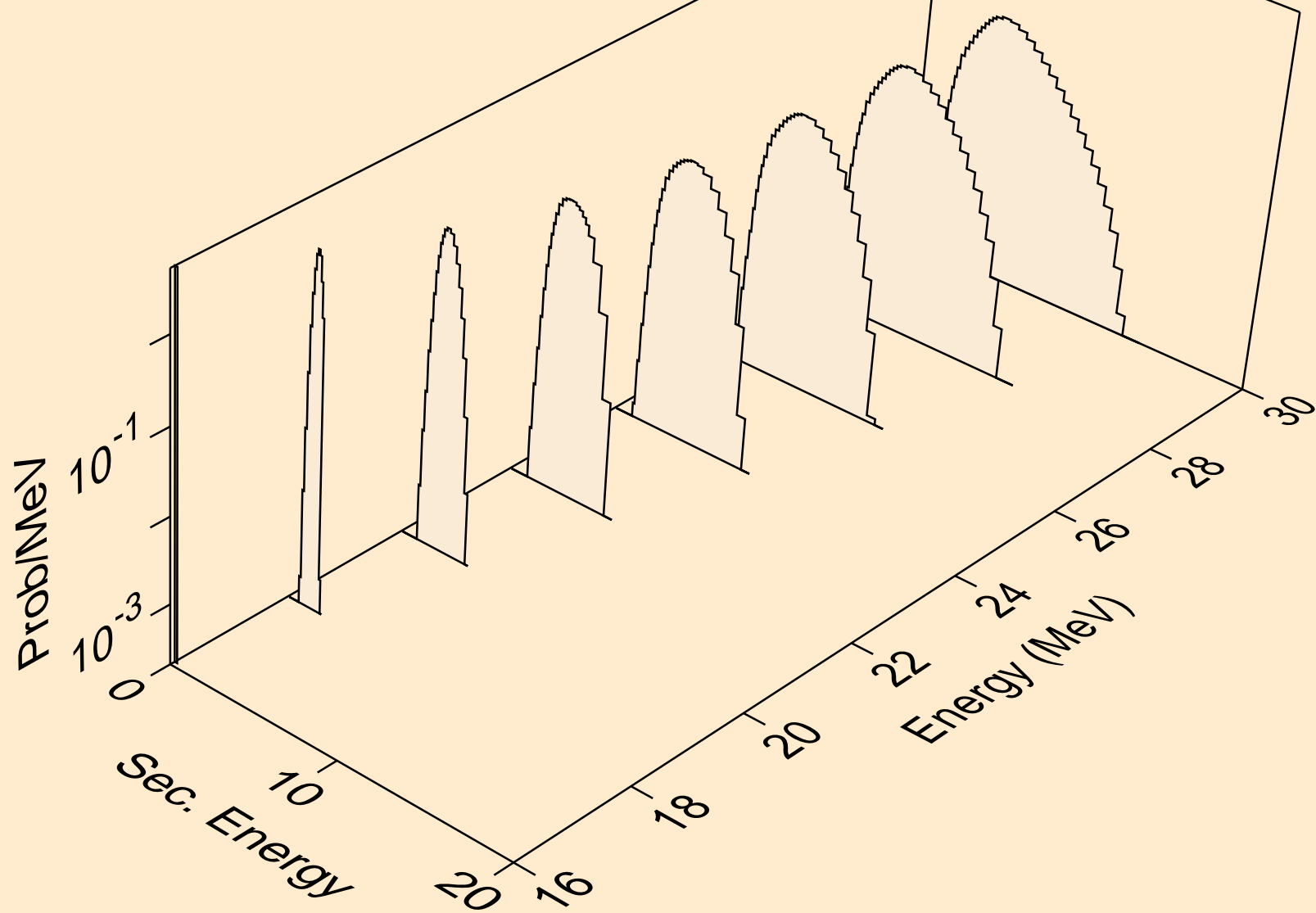
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



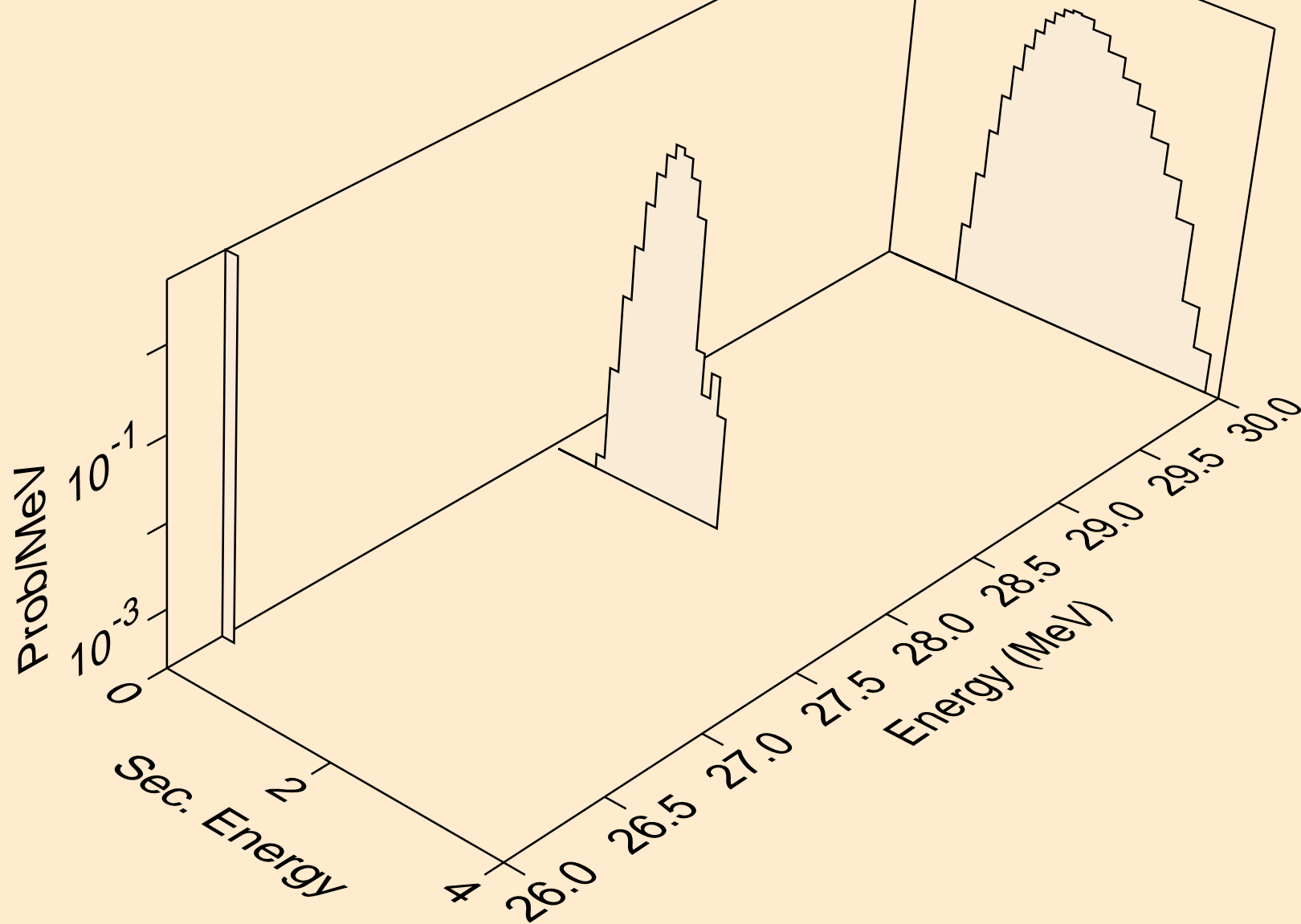
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protons from (n,n\*)p



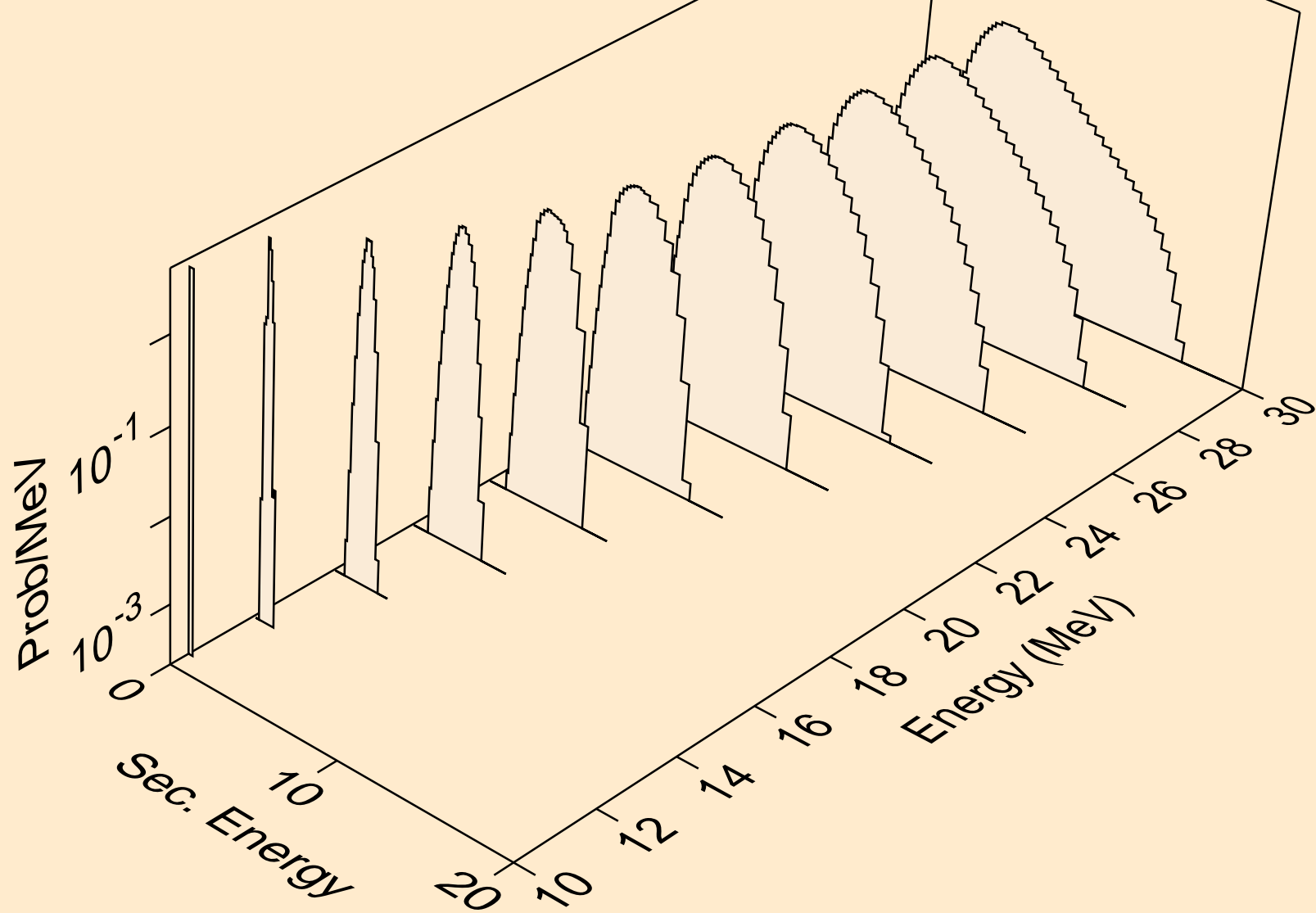
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protons from (n,2np)



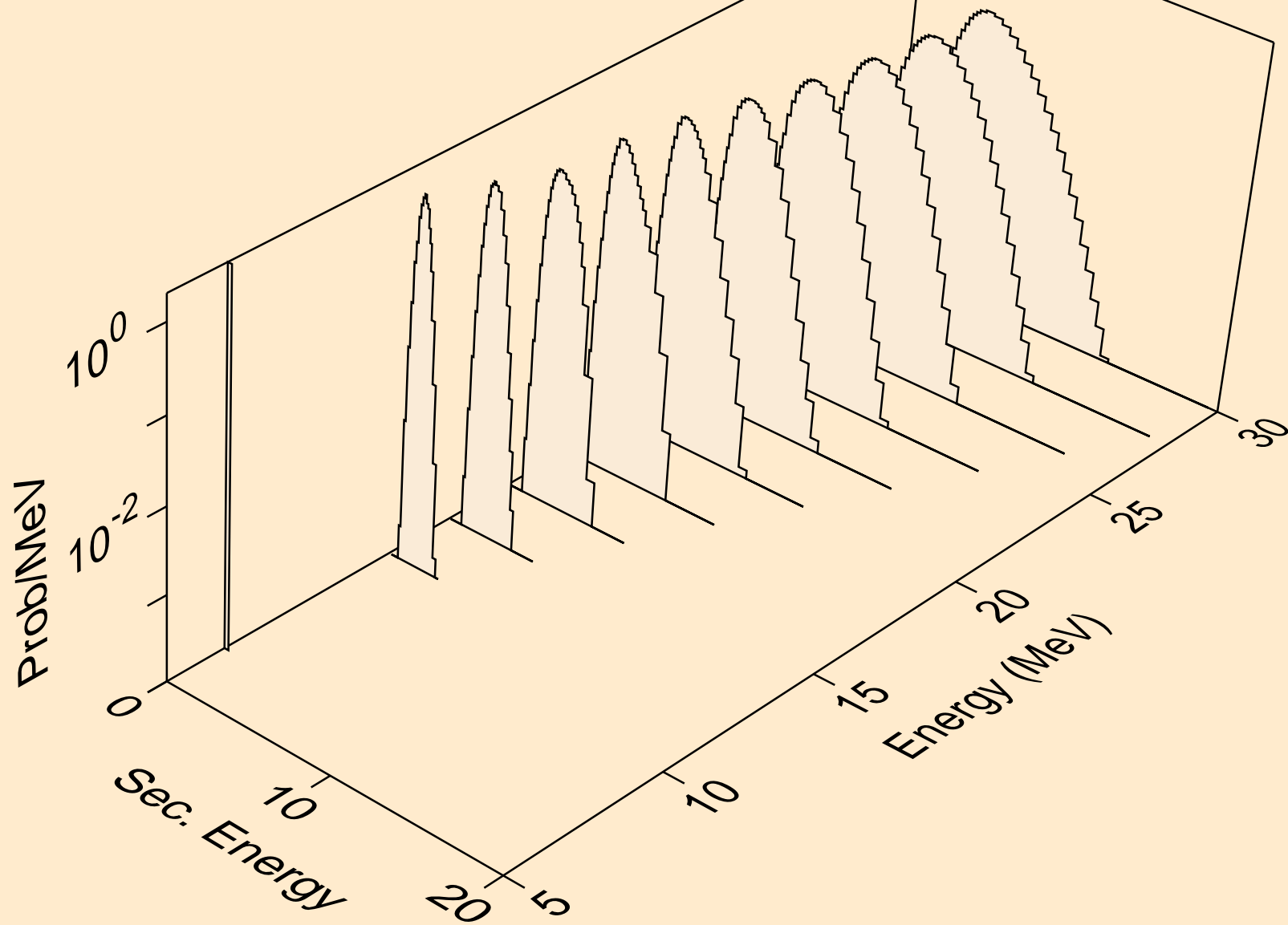
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protons from (n,3np)



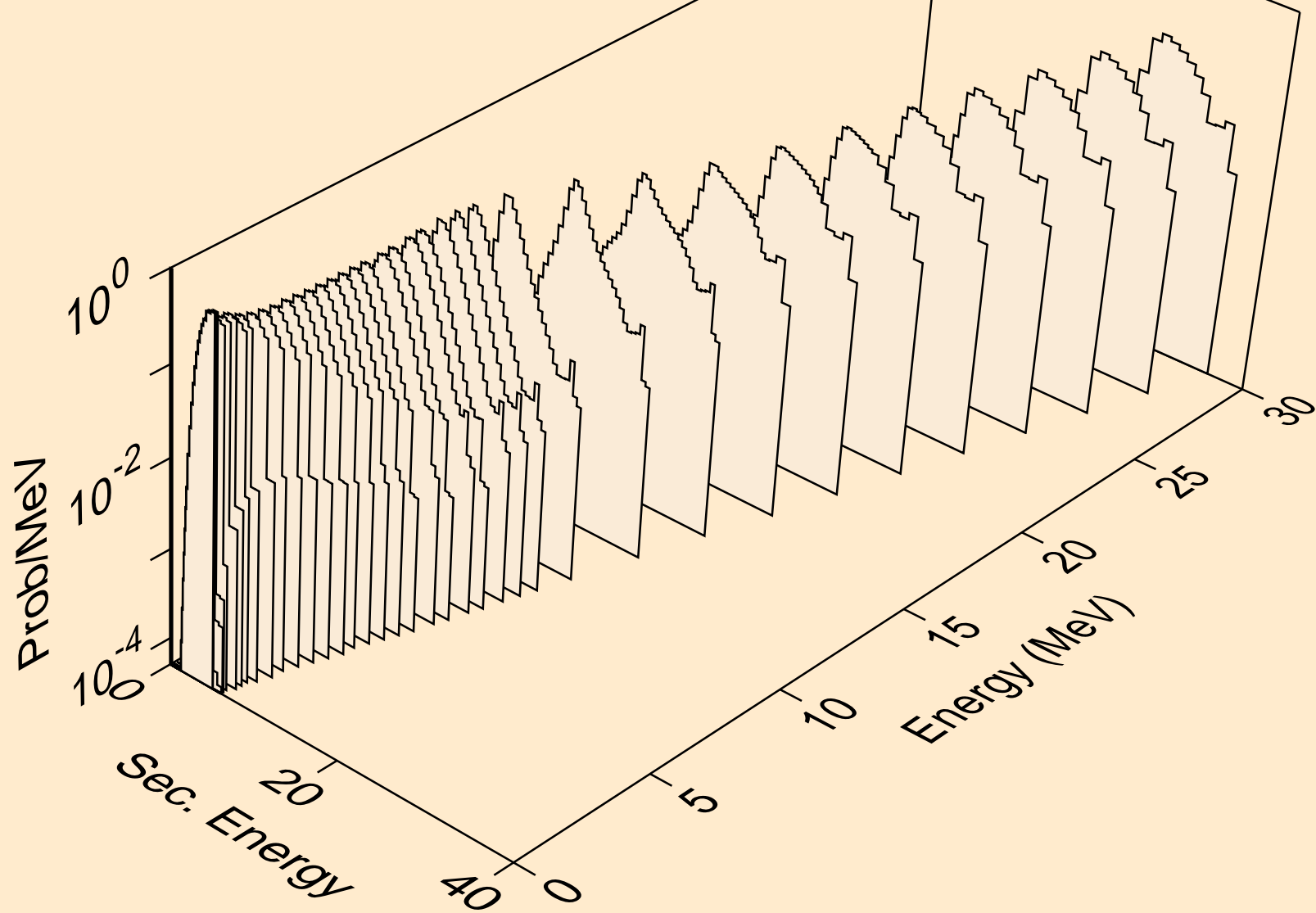
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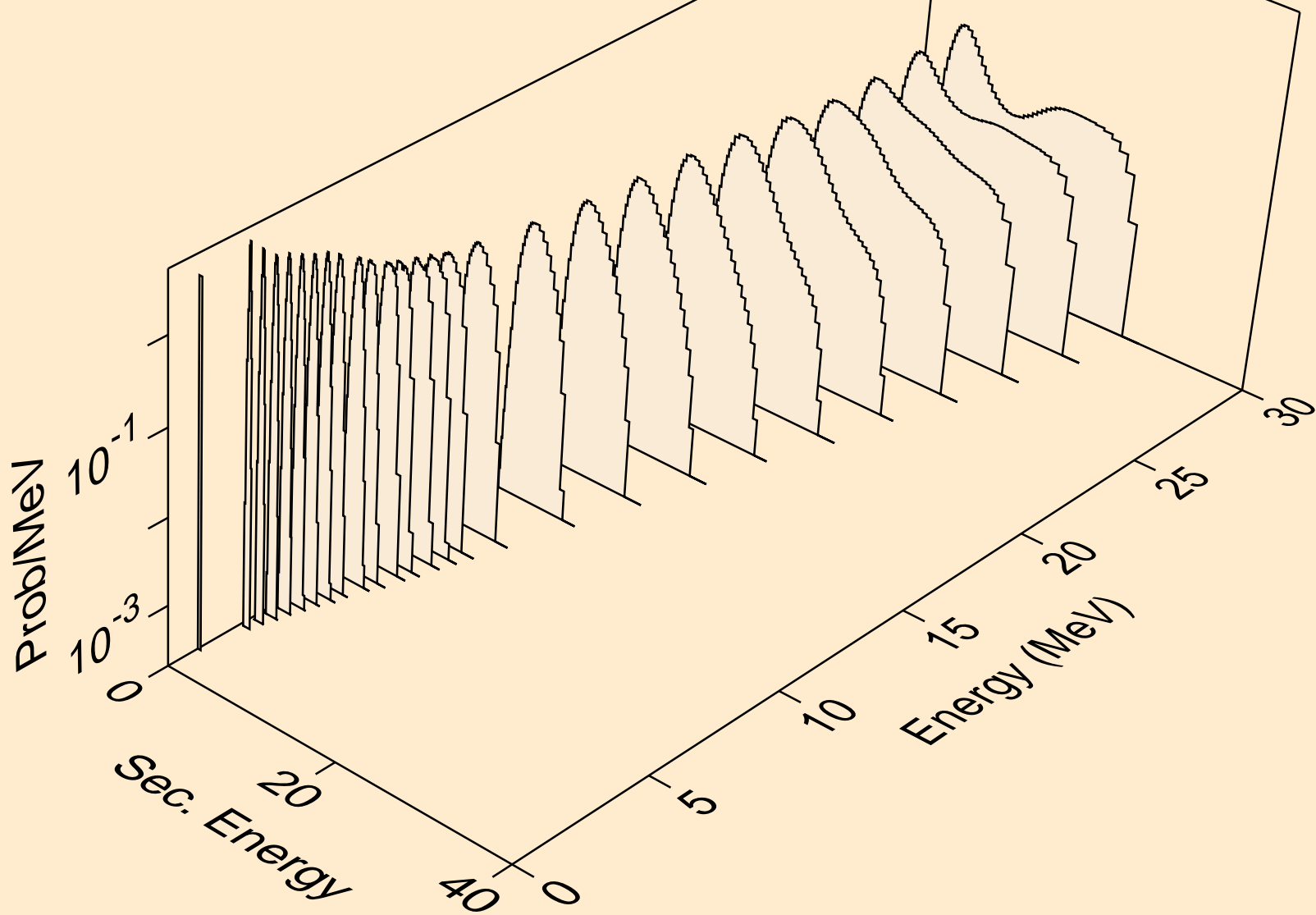
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protons from (n,npa)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

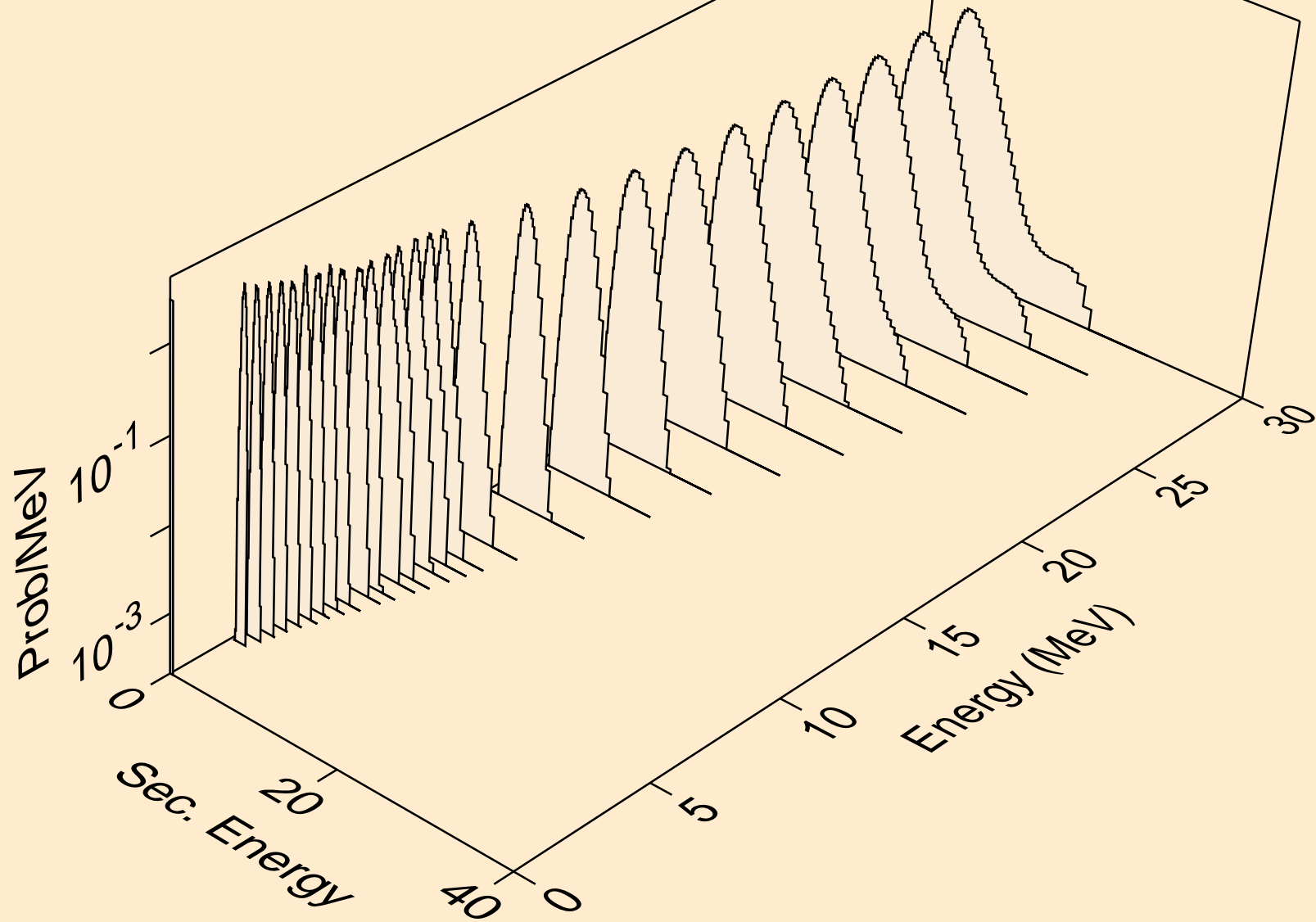


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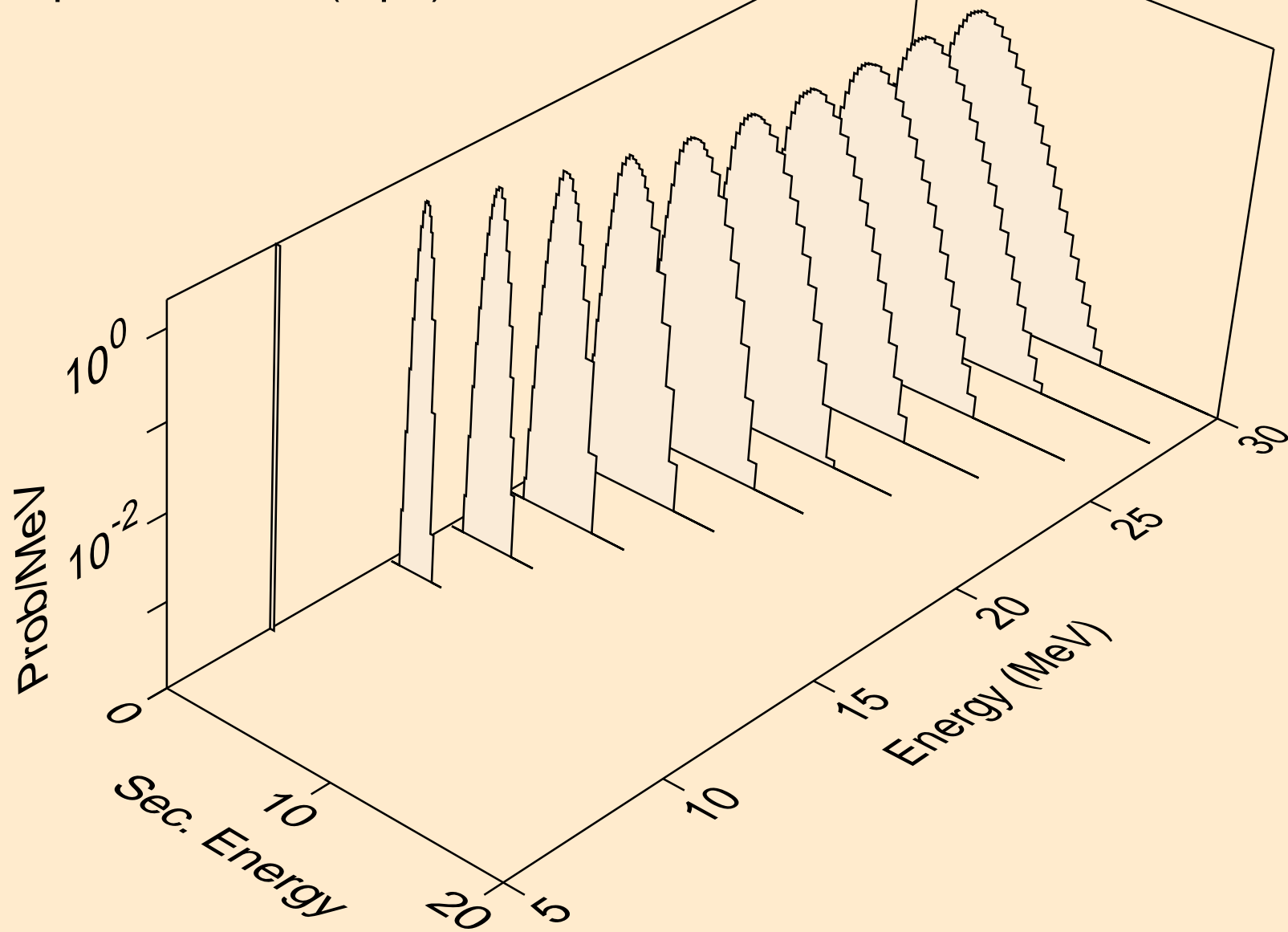




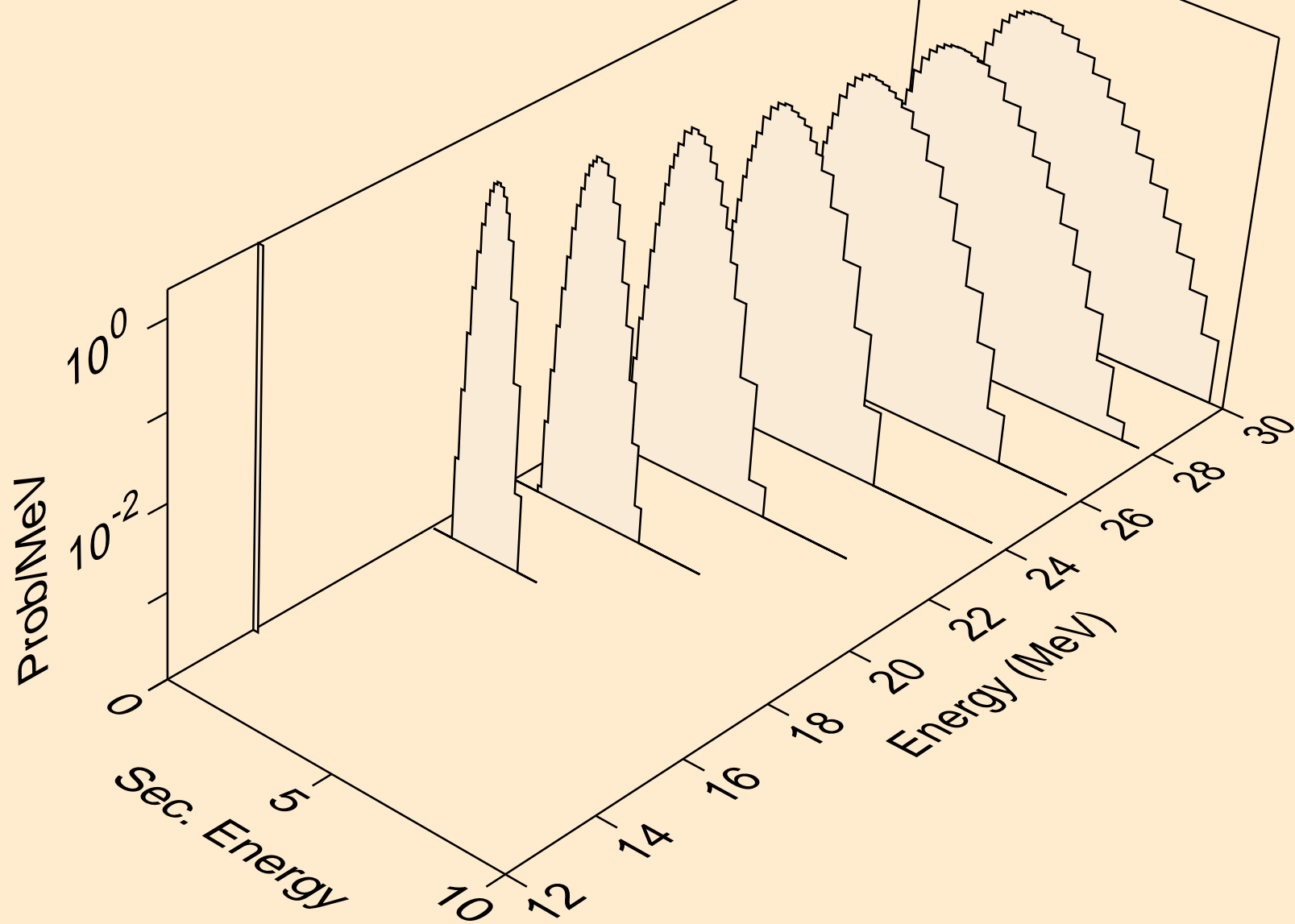
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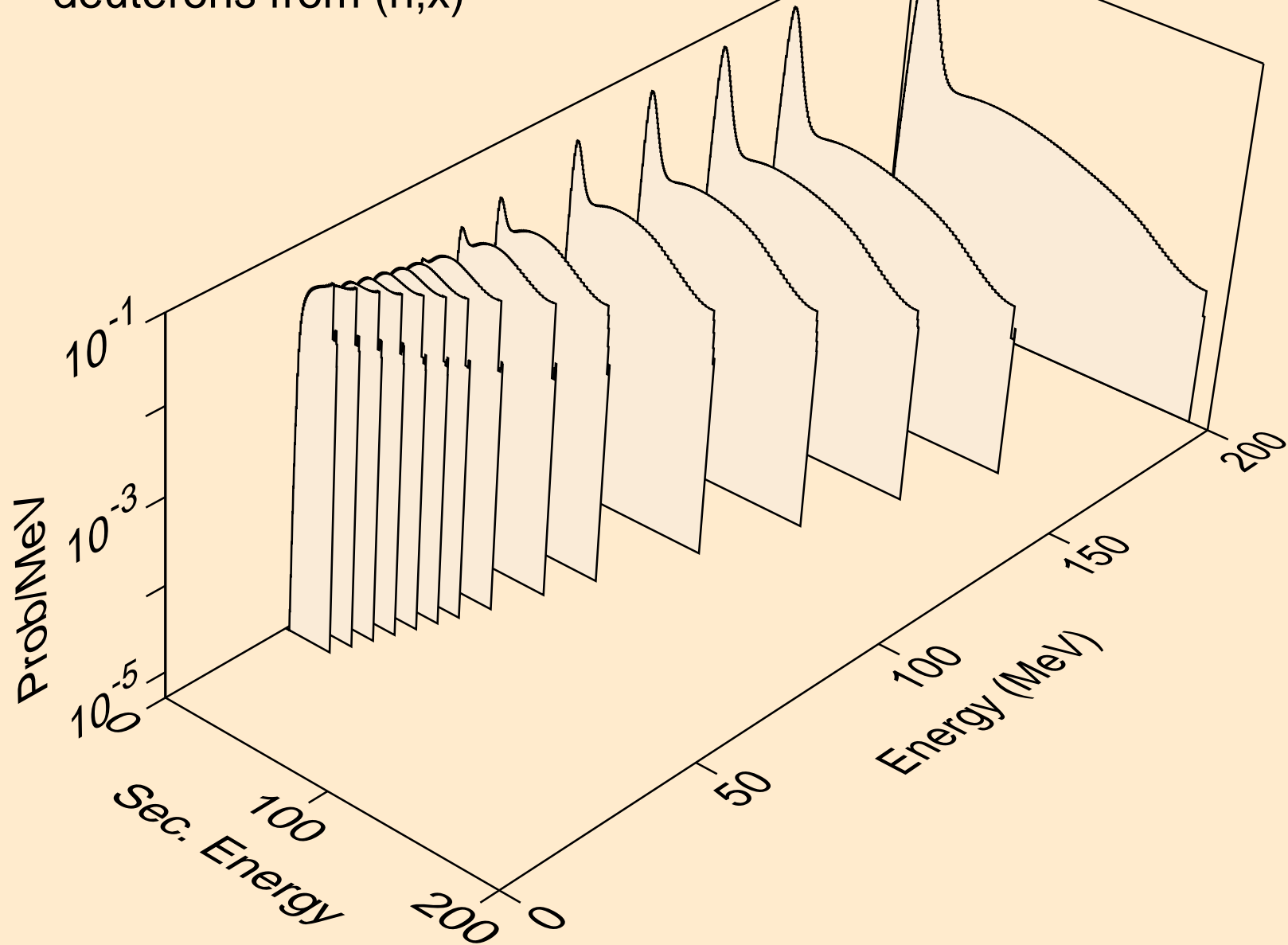
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protons from (n,pd)



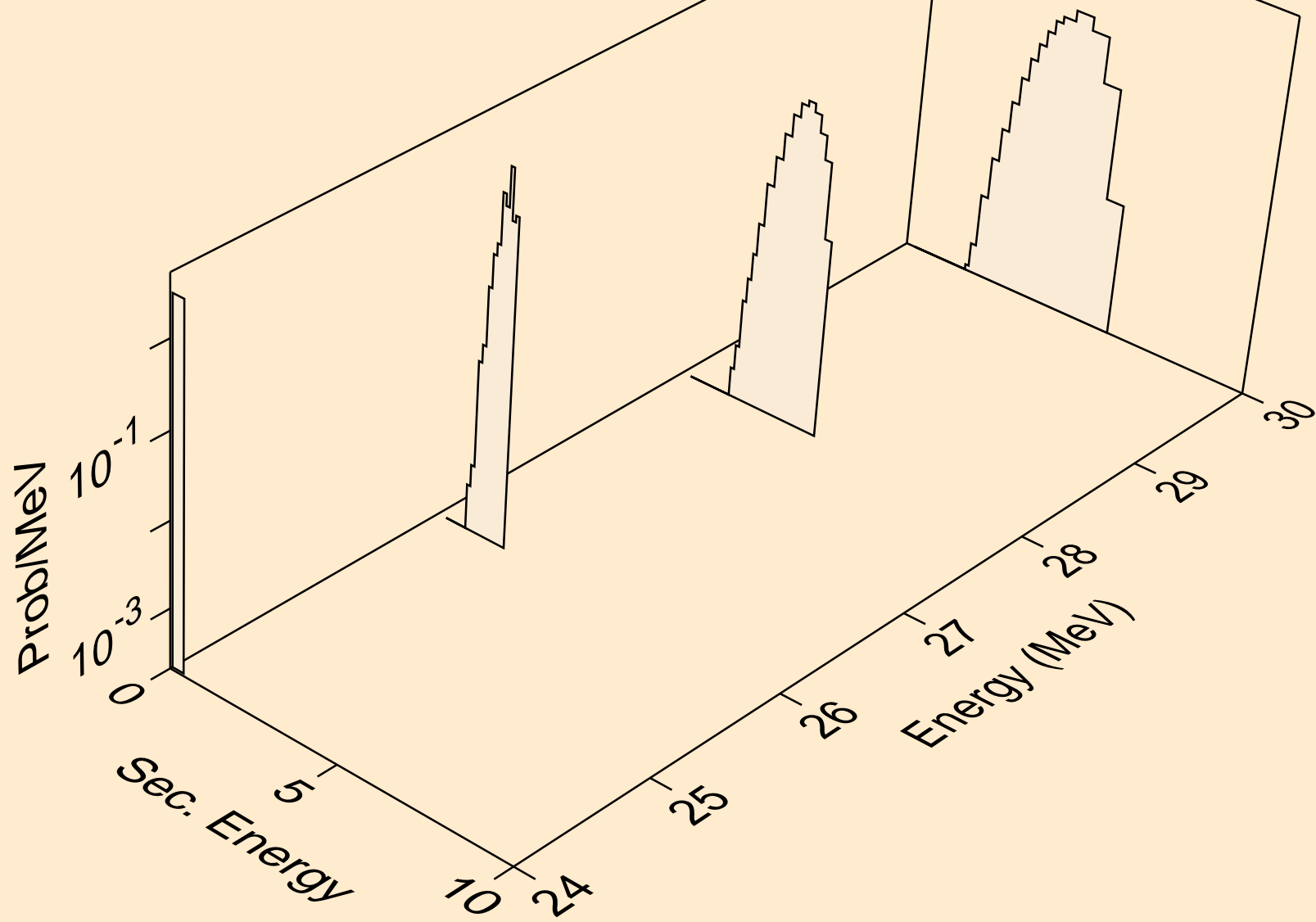
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protons from (n,pt)



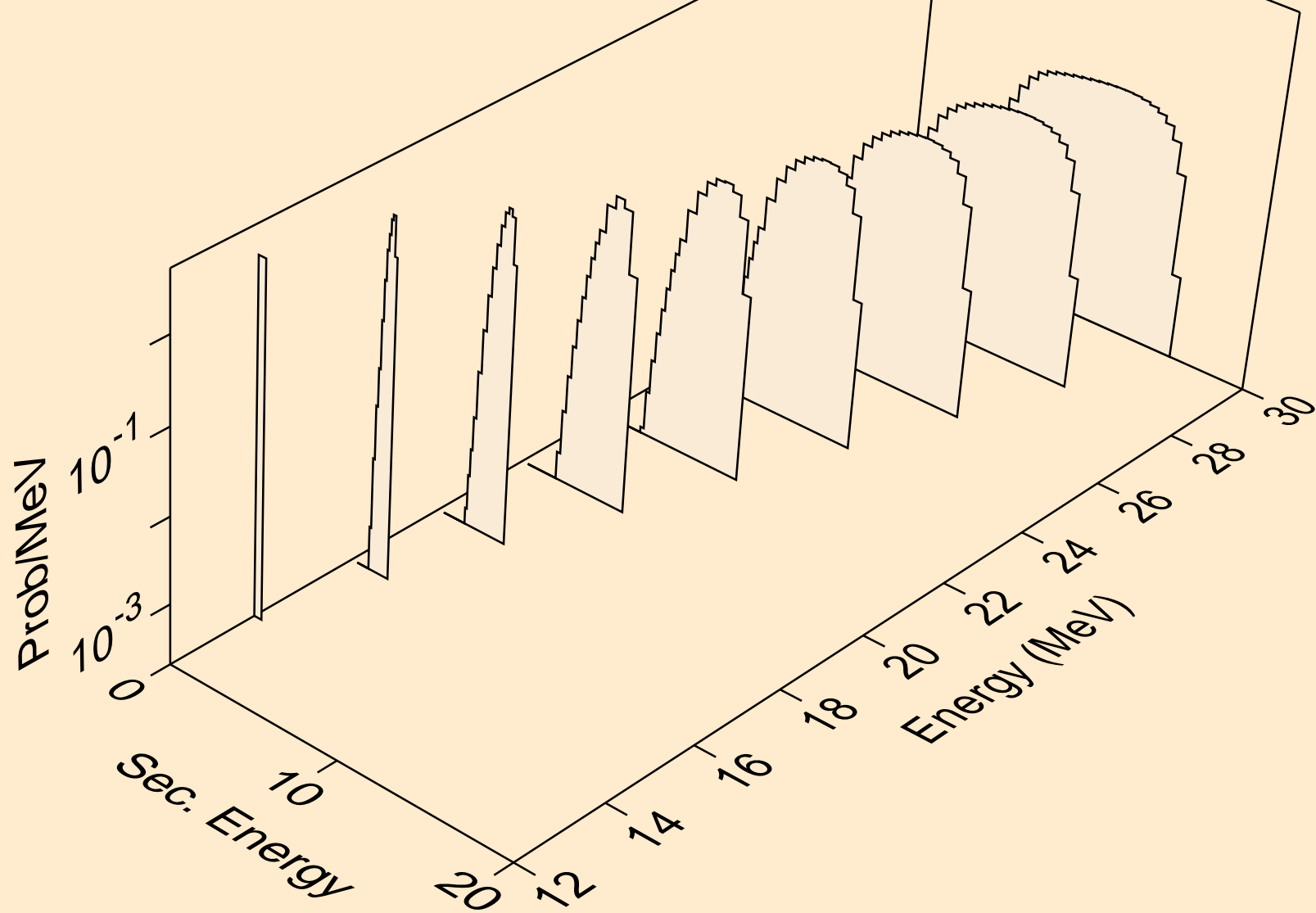
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deuterons from (n,x)



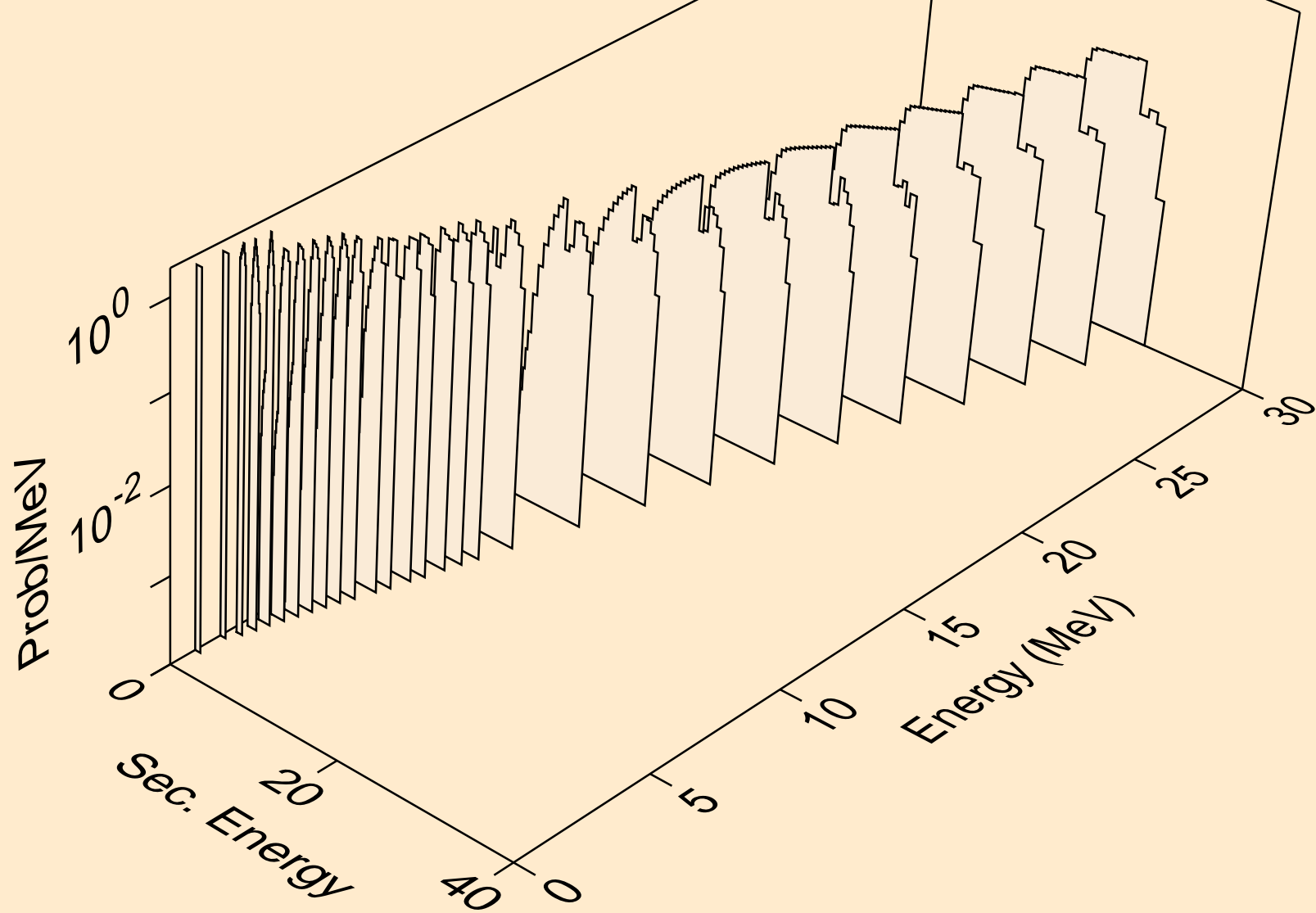
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deuterons from (n,2nd)



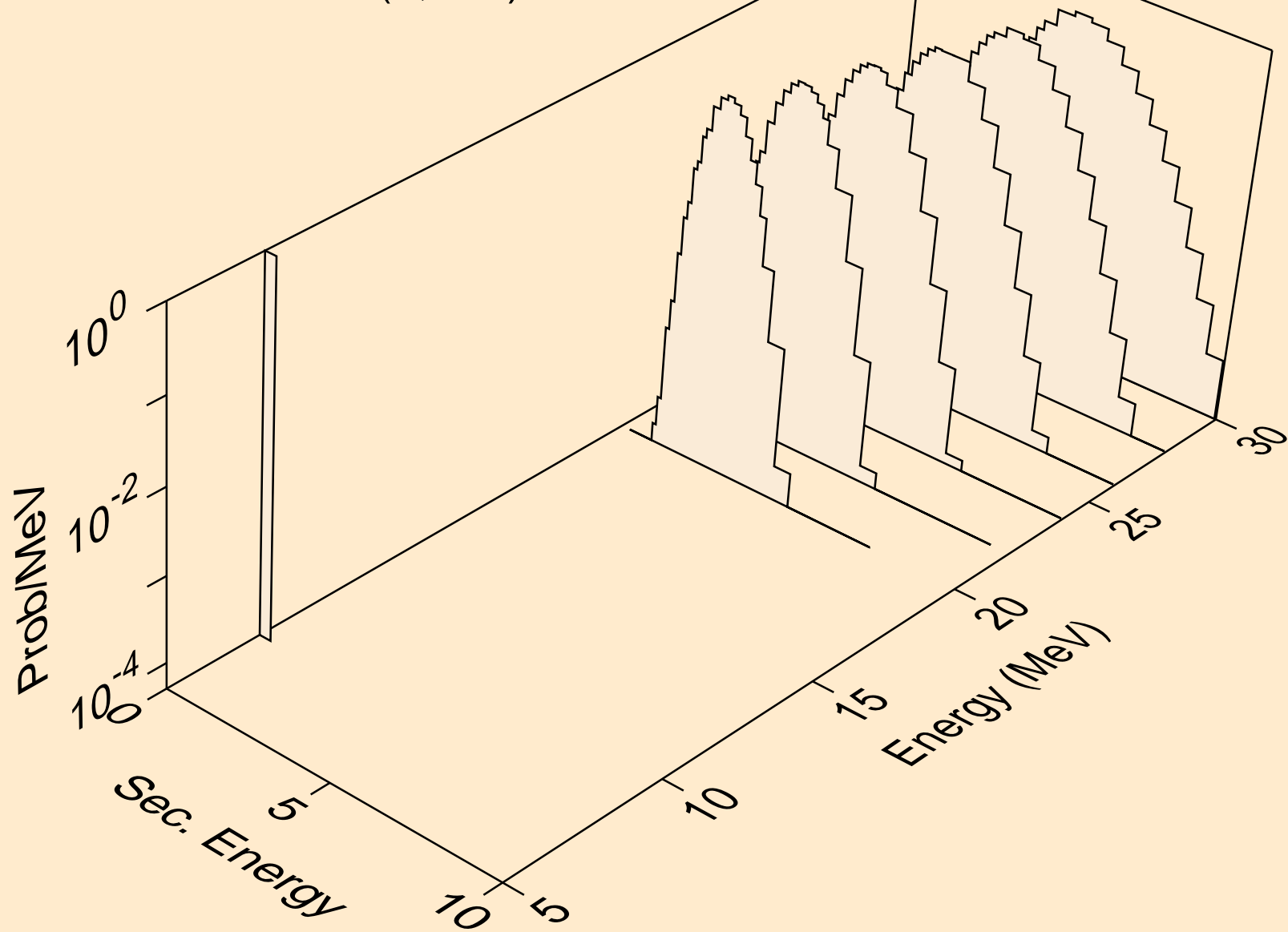
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deuterons from (n,n\*)d



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

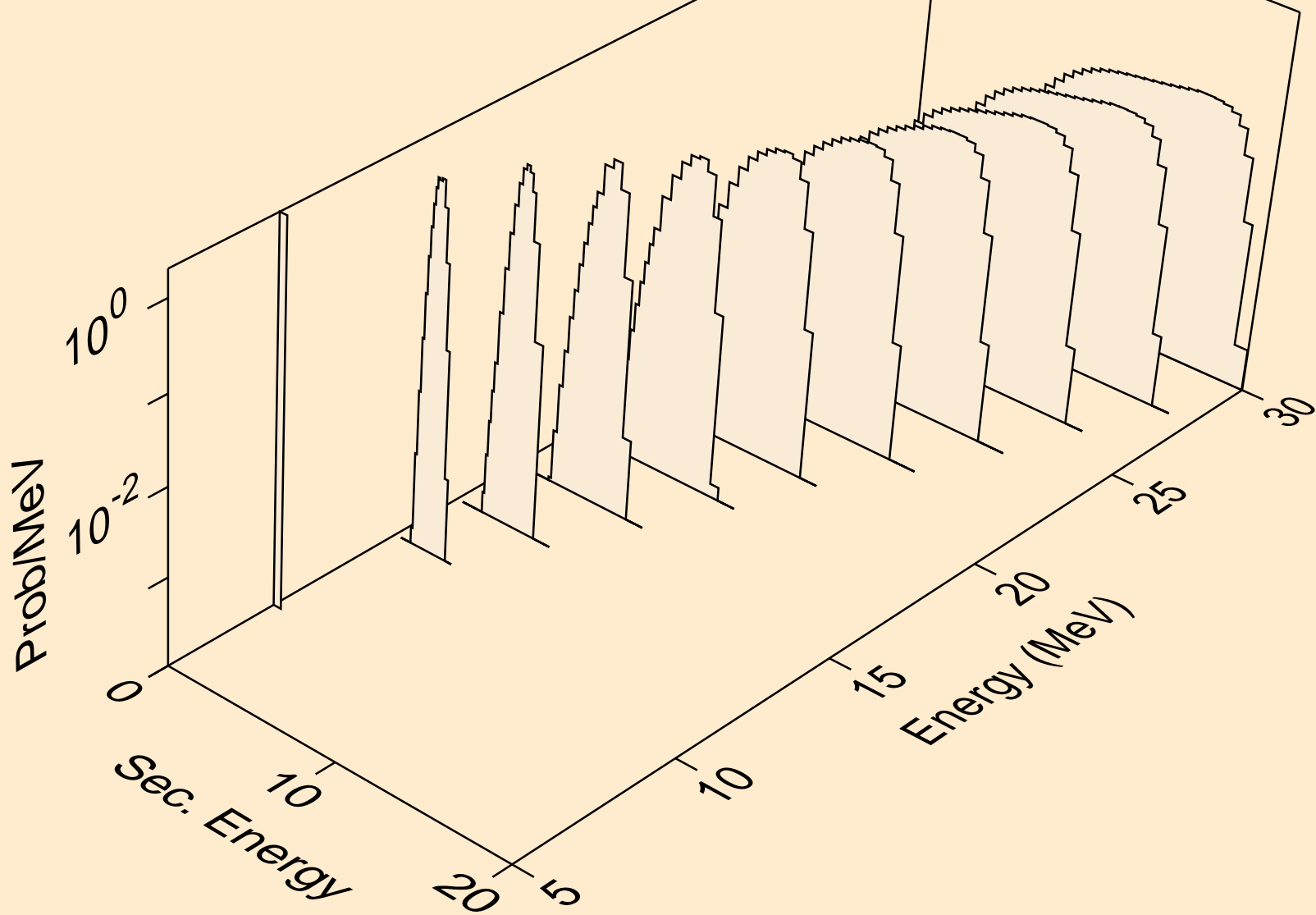


RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)

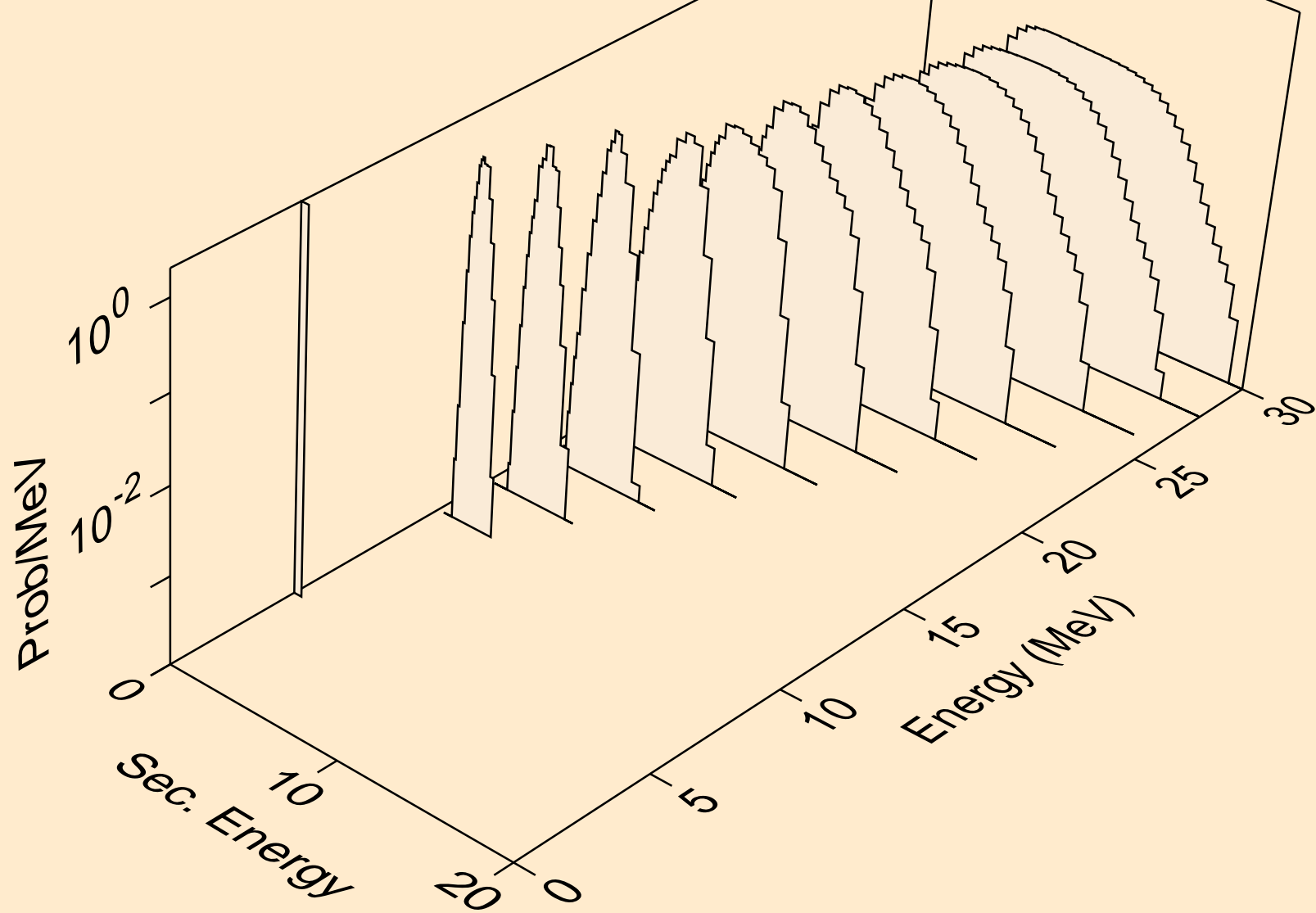




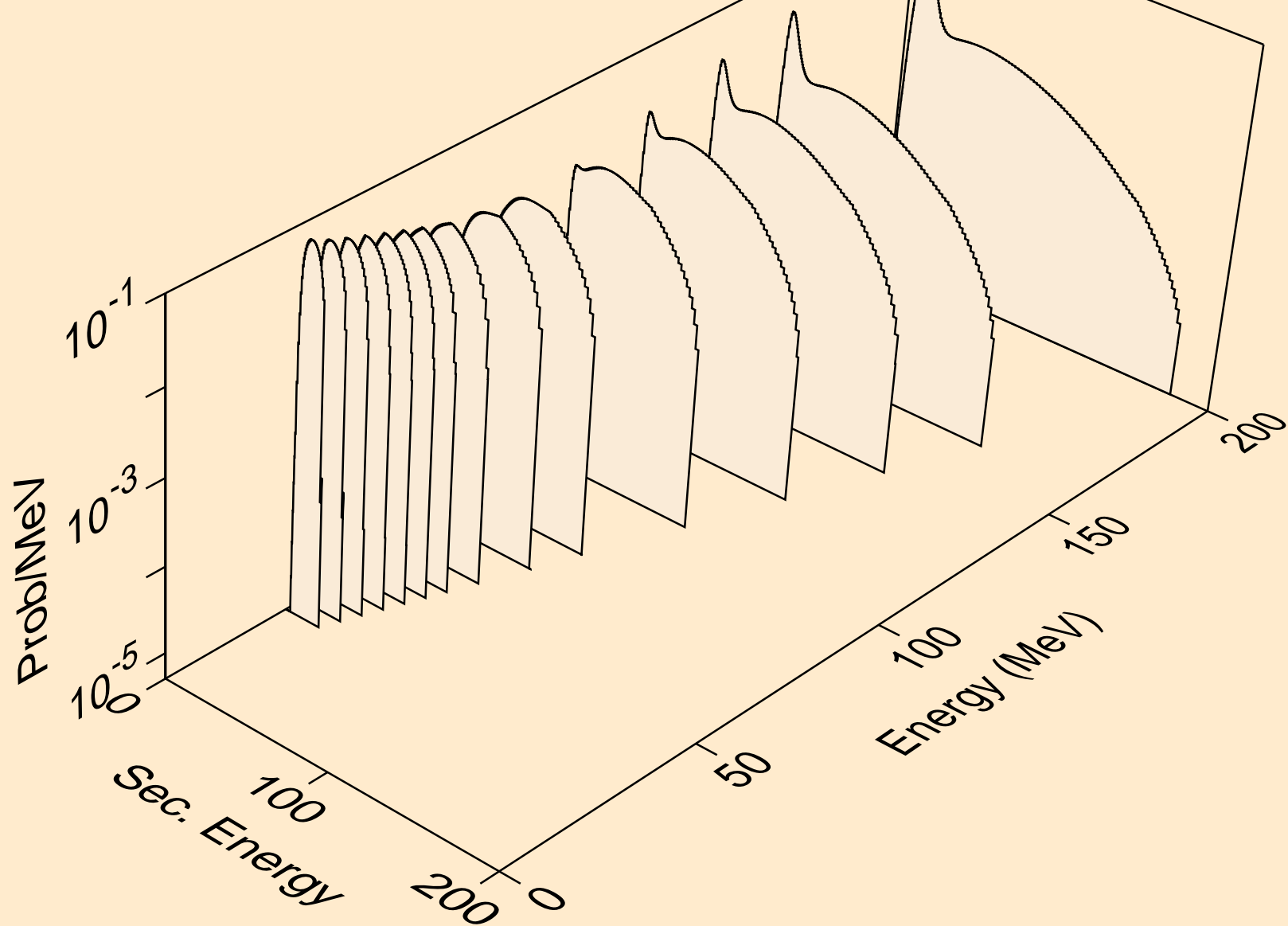
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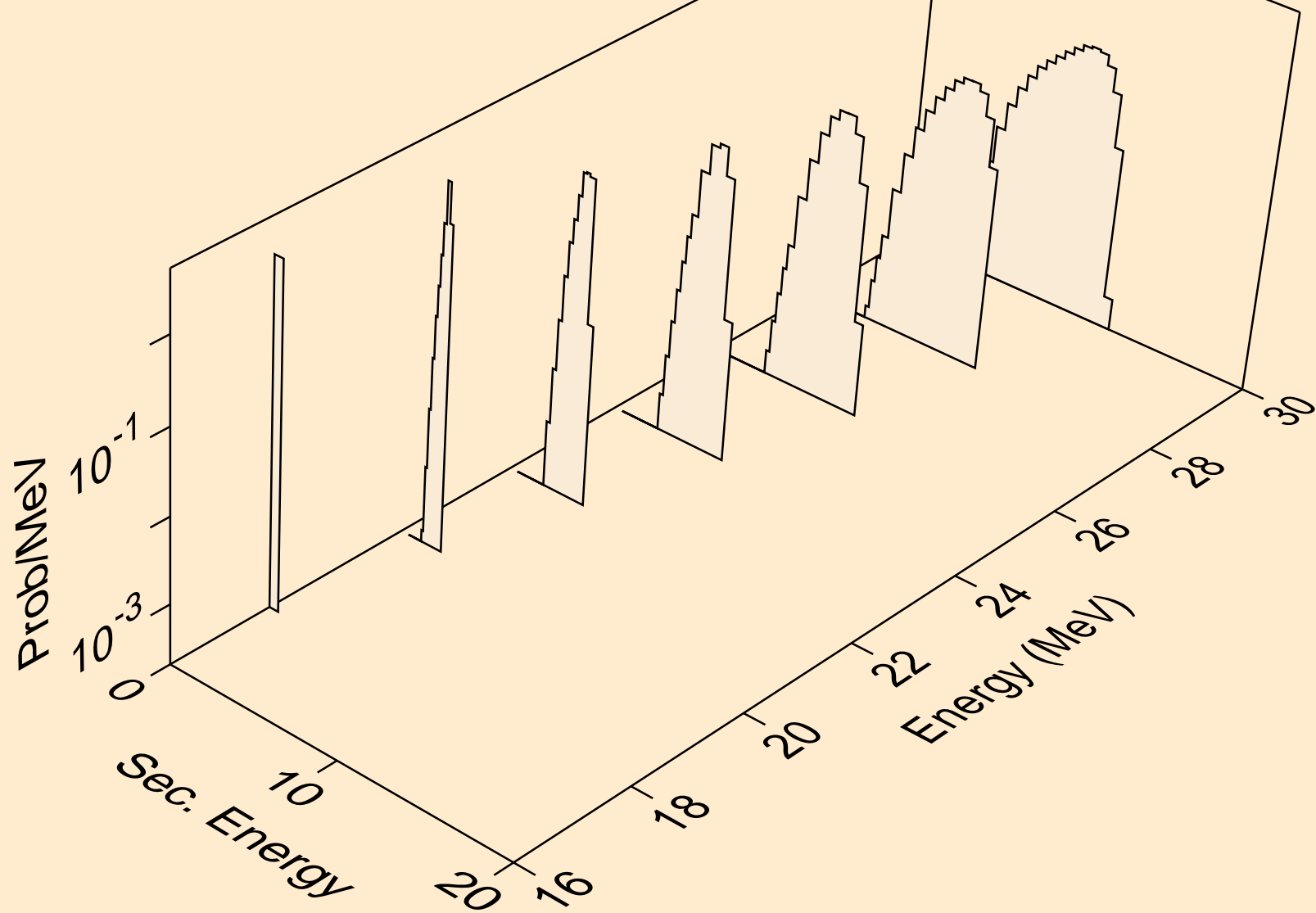
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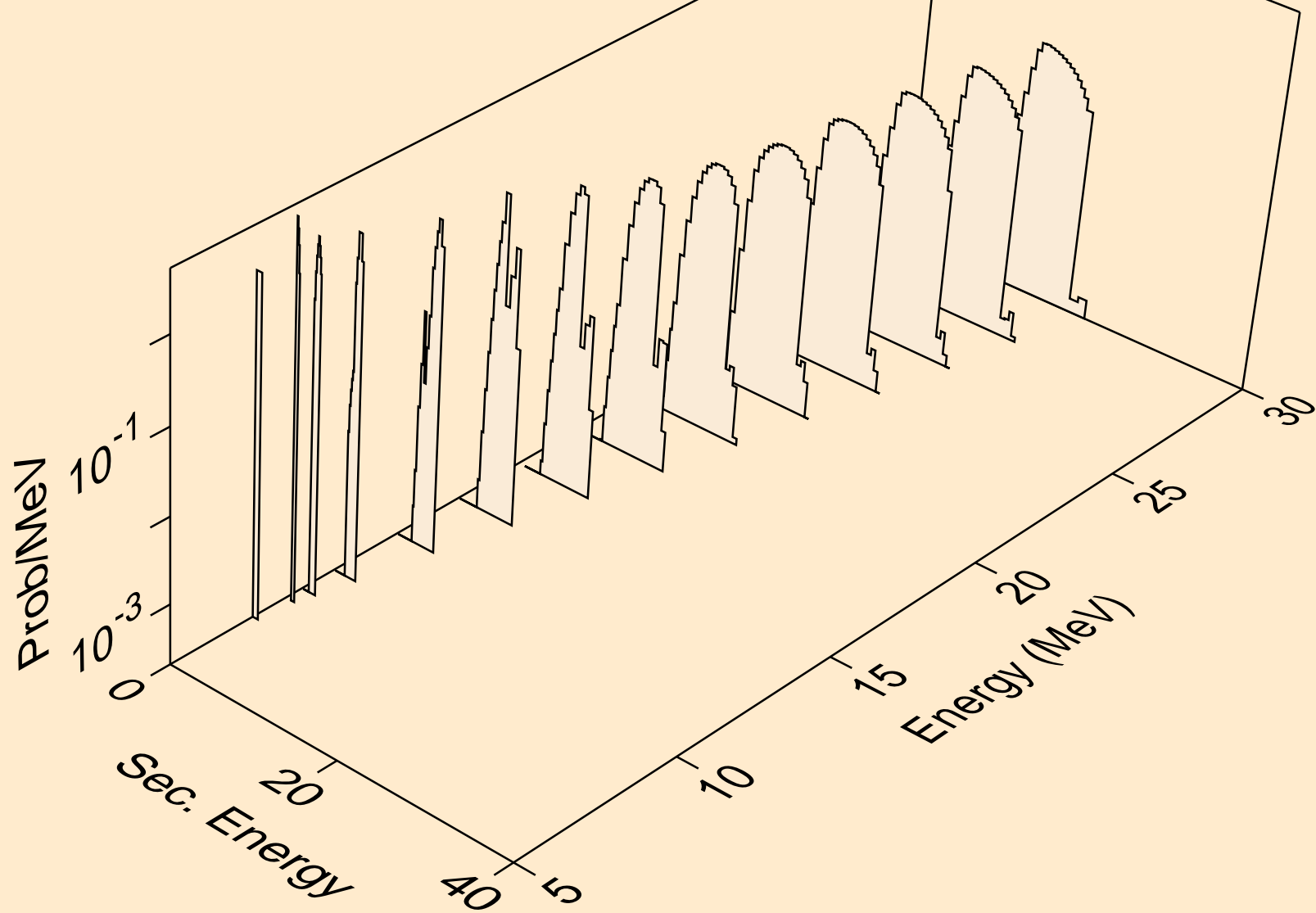
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tritons from (n,x)



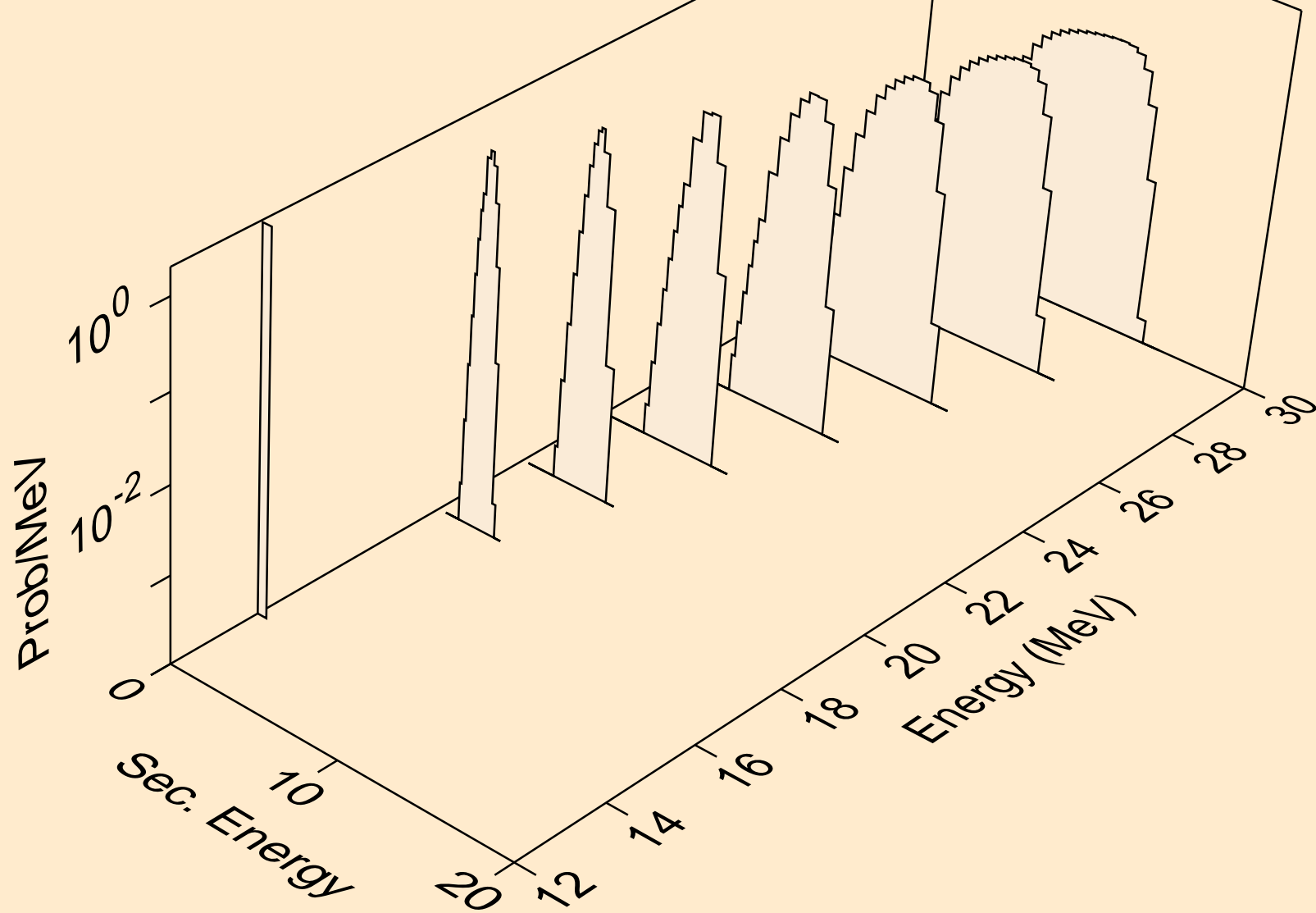
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



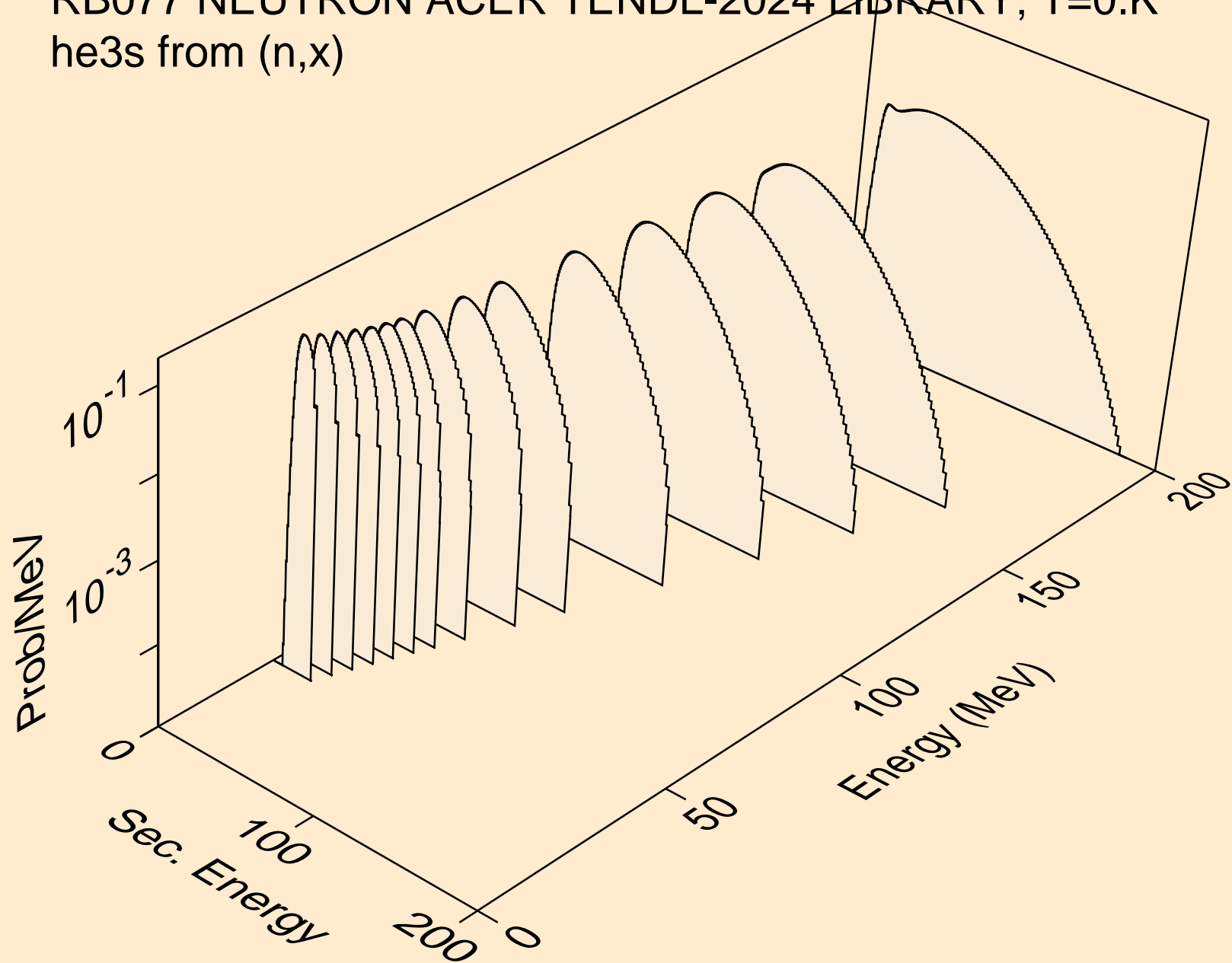
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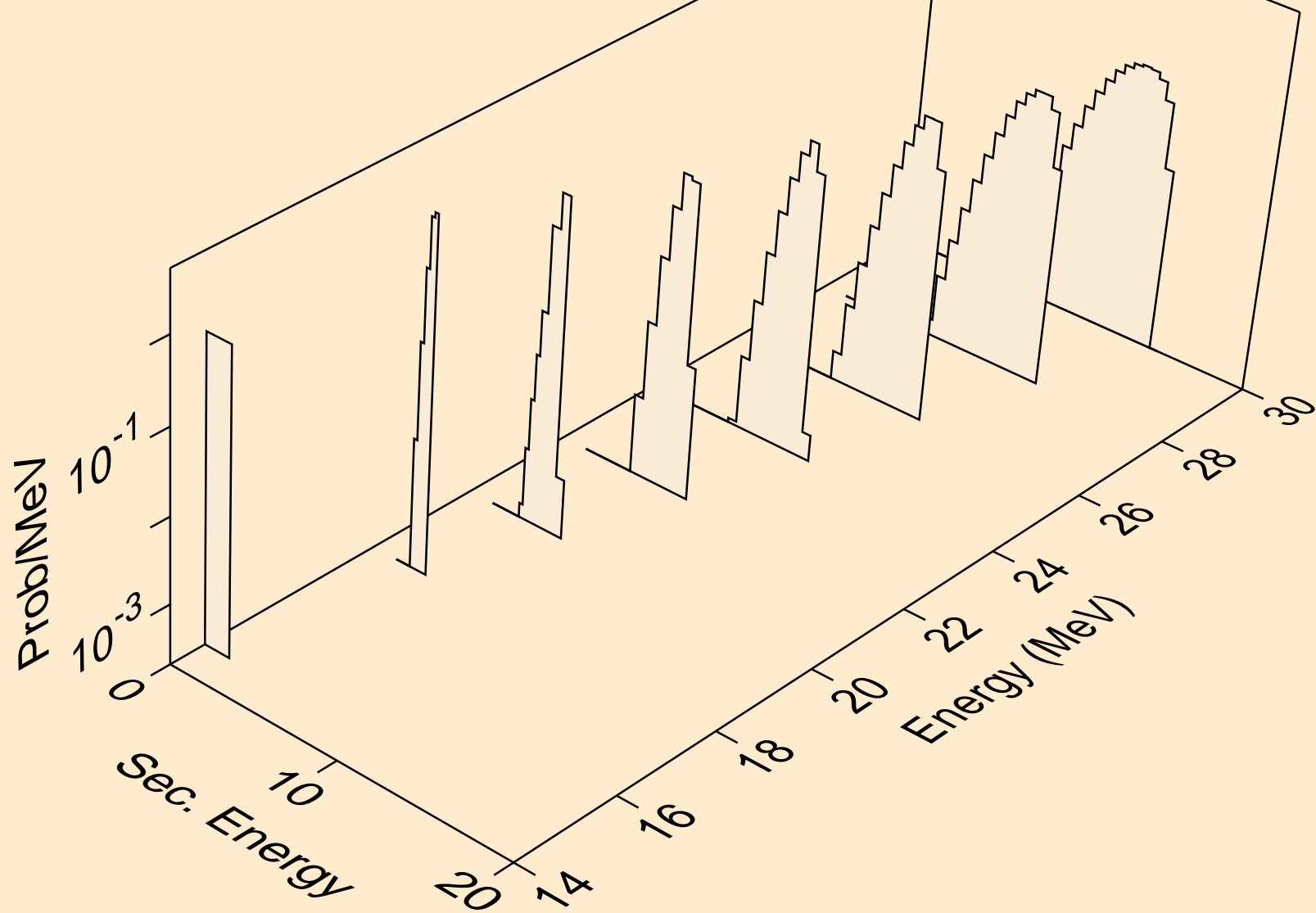
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

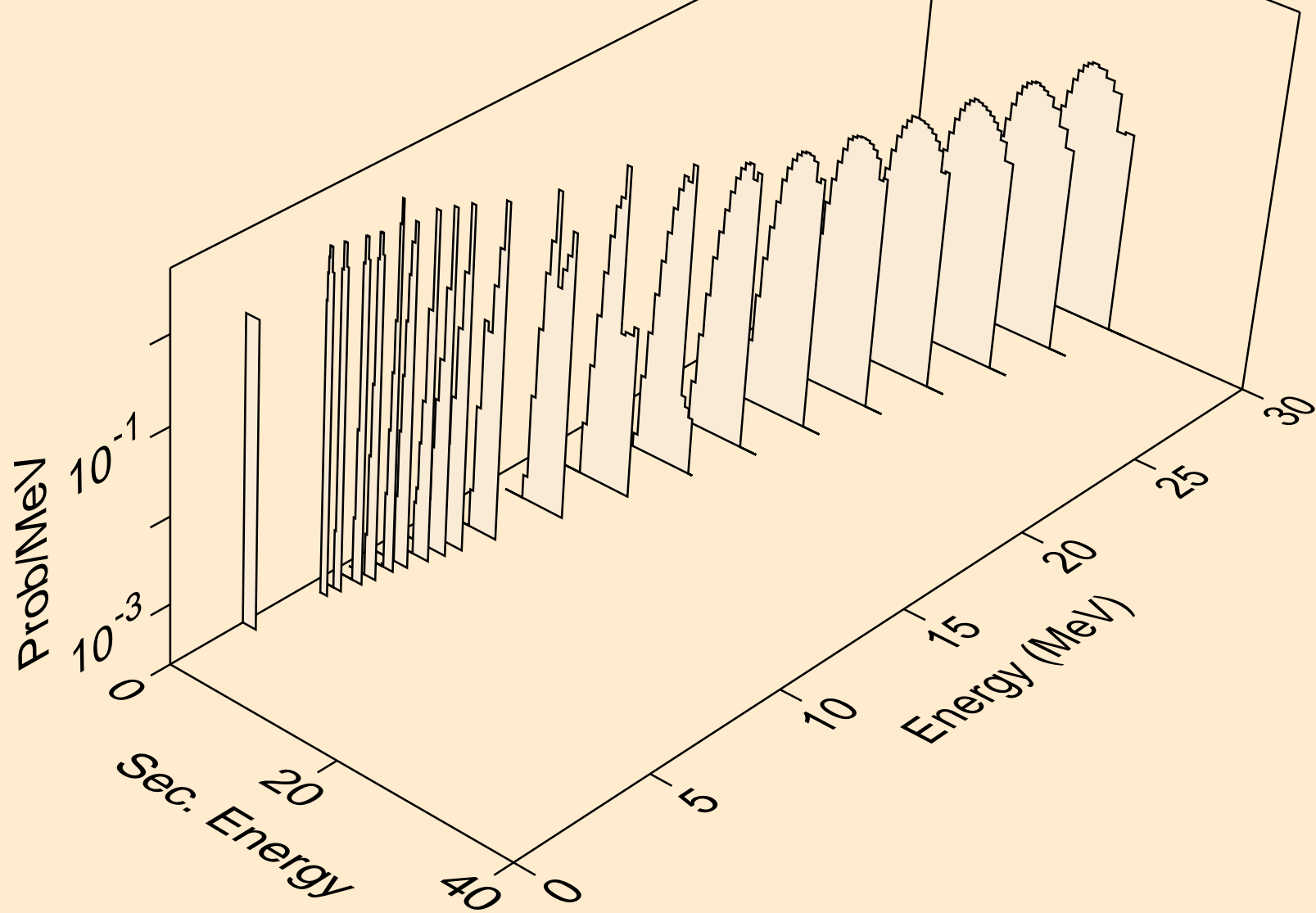


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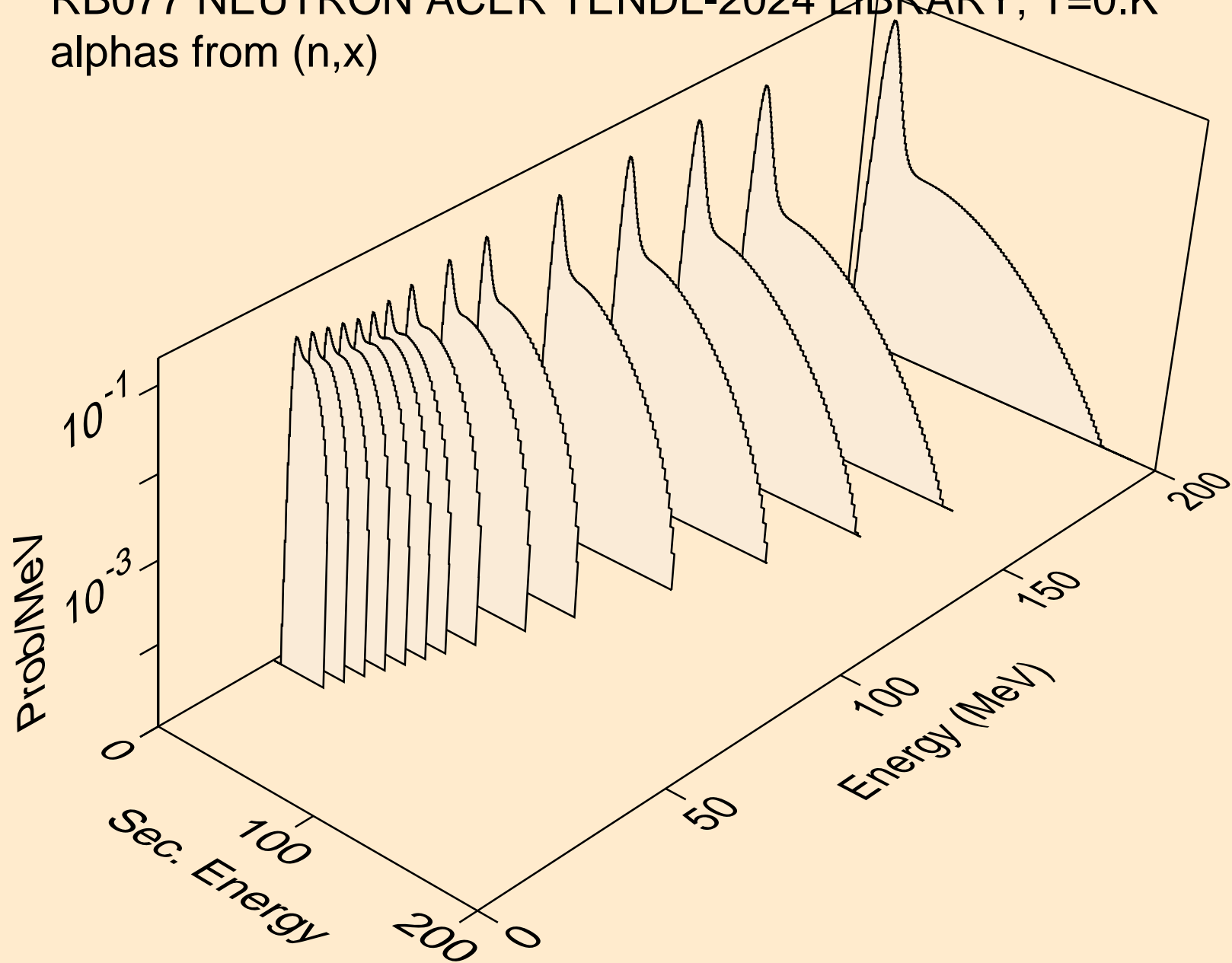




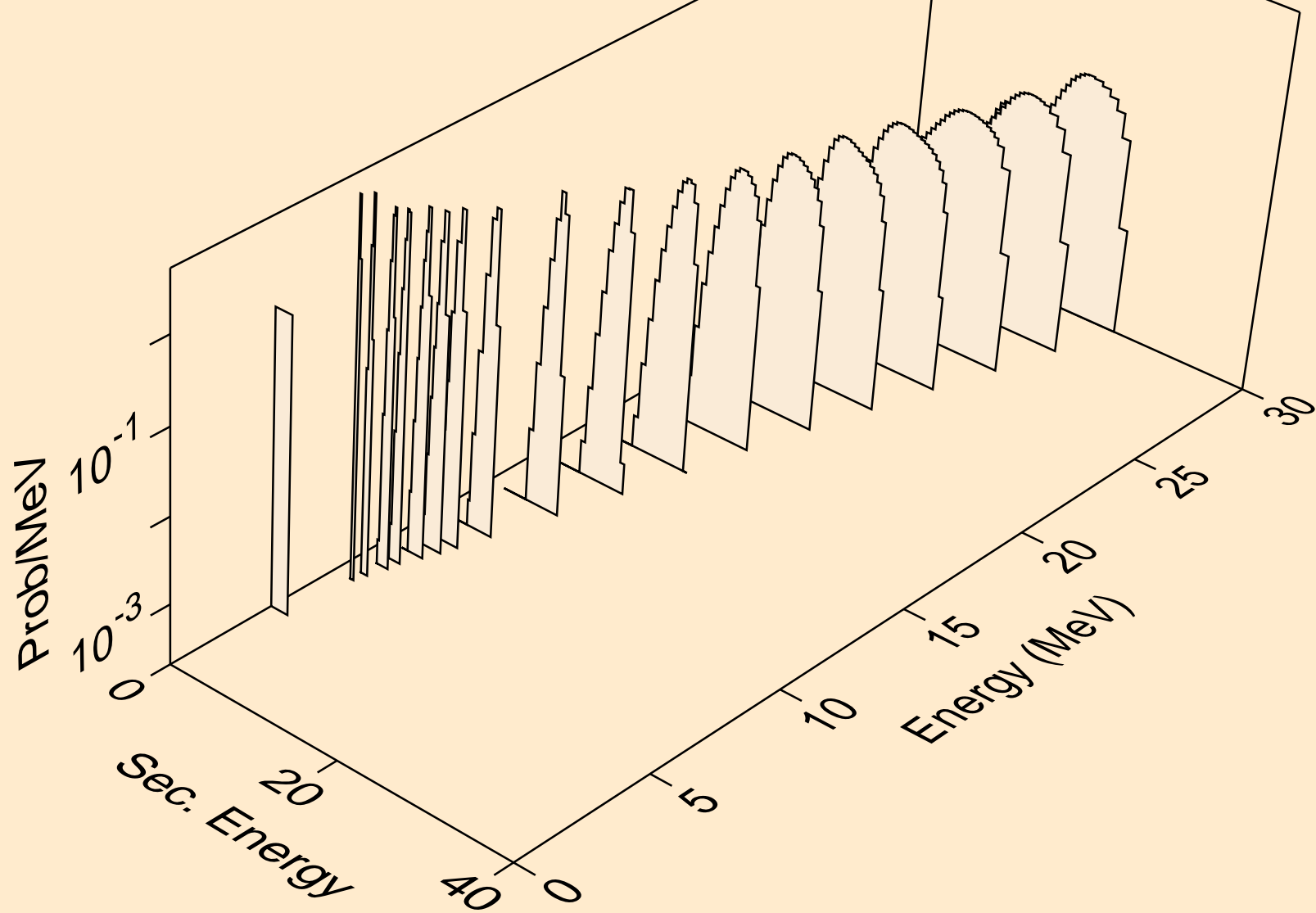
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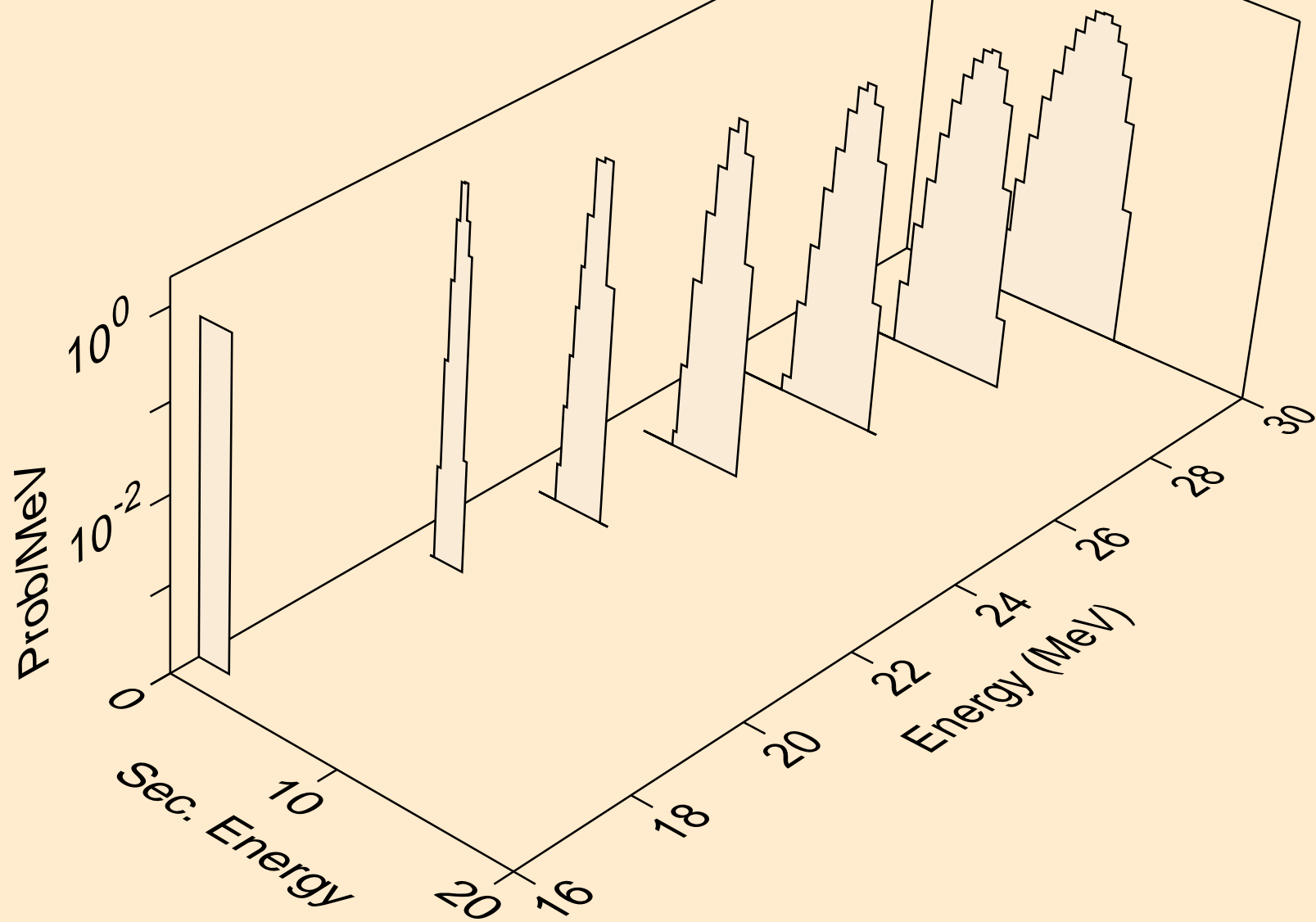
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alphas from (n,x)



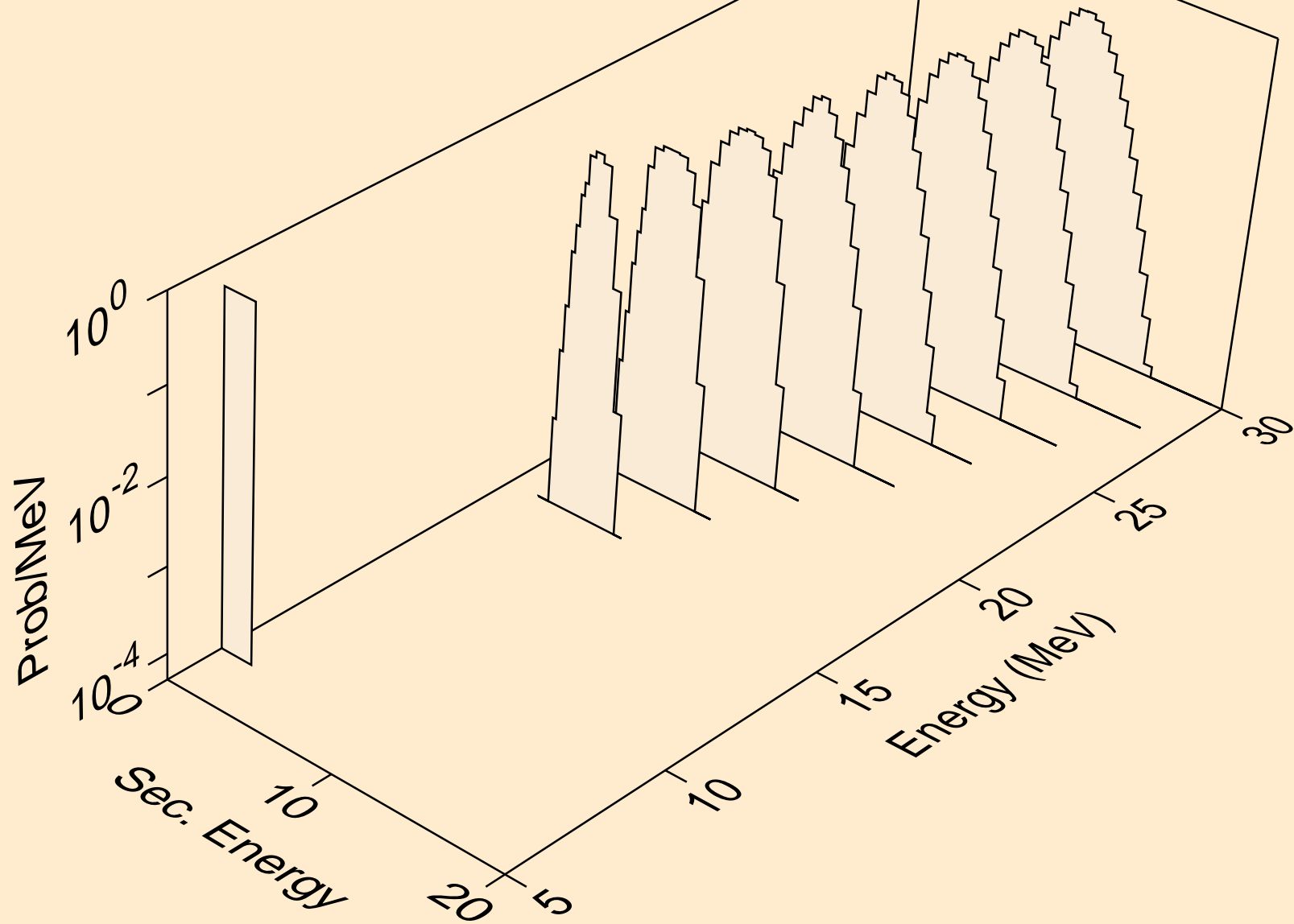
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



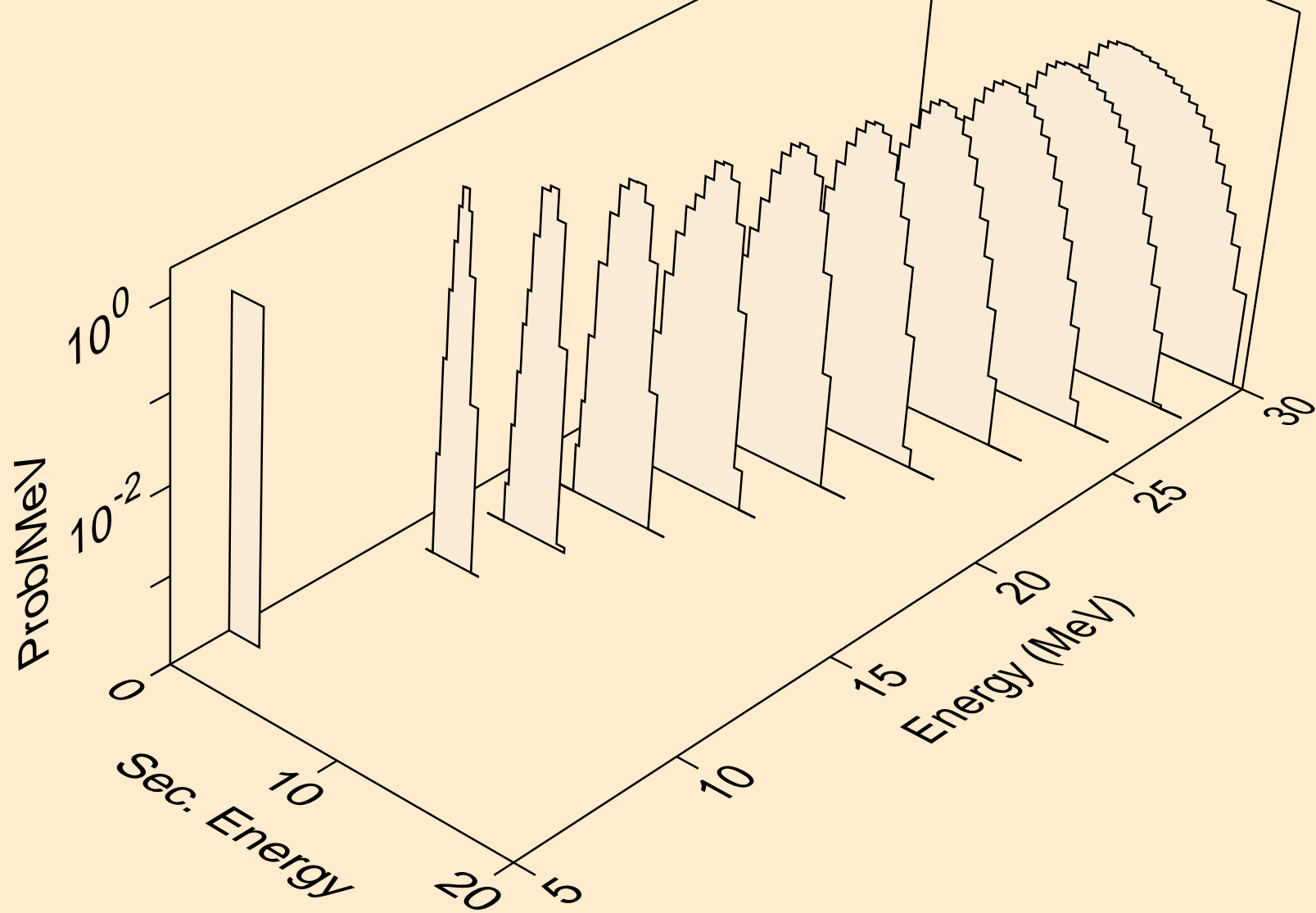
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alphas from (n,2n)a



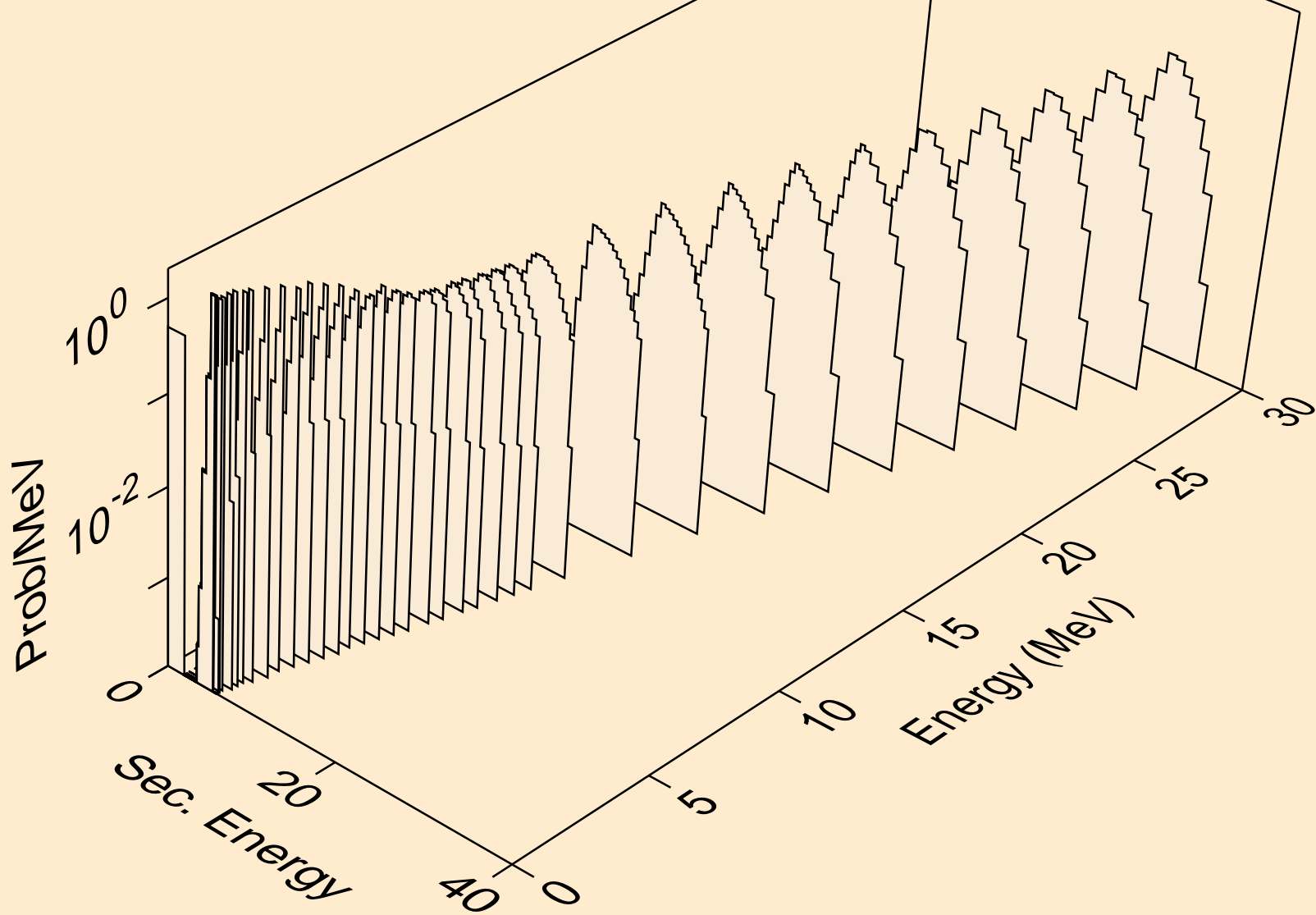
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alphas from (n,n\*)2a



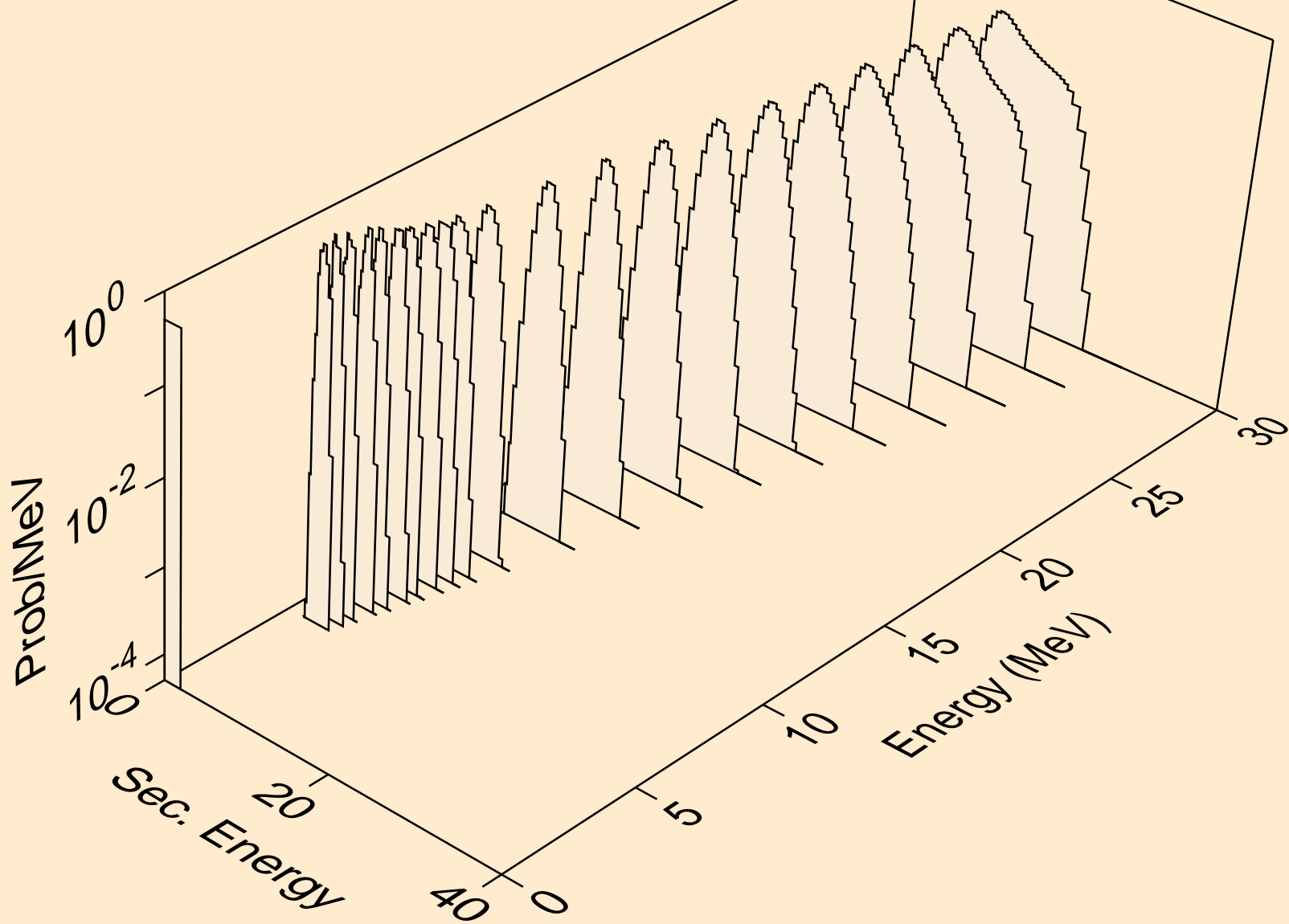
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

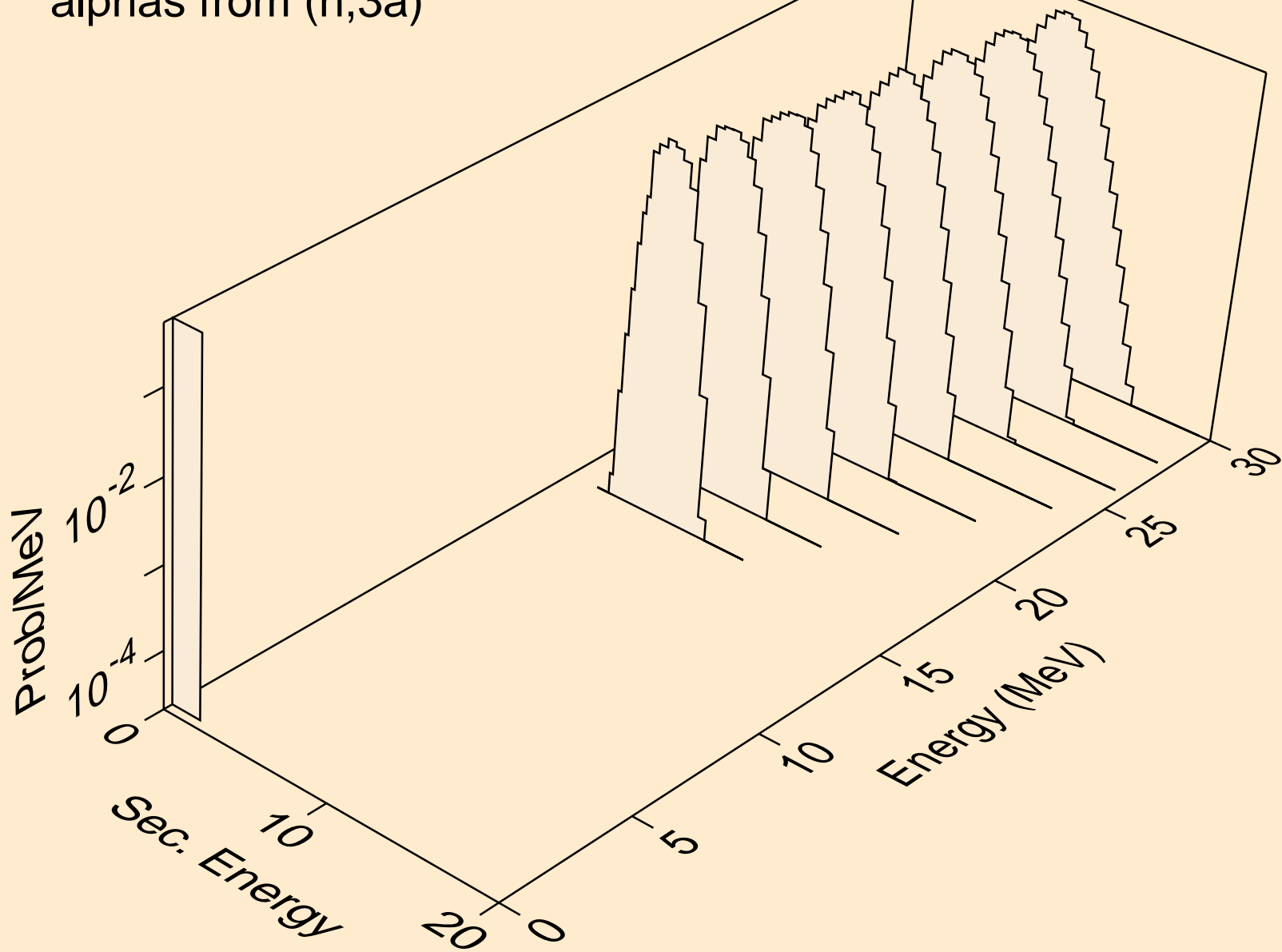


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alphas from (n,2a)

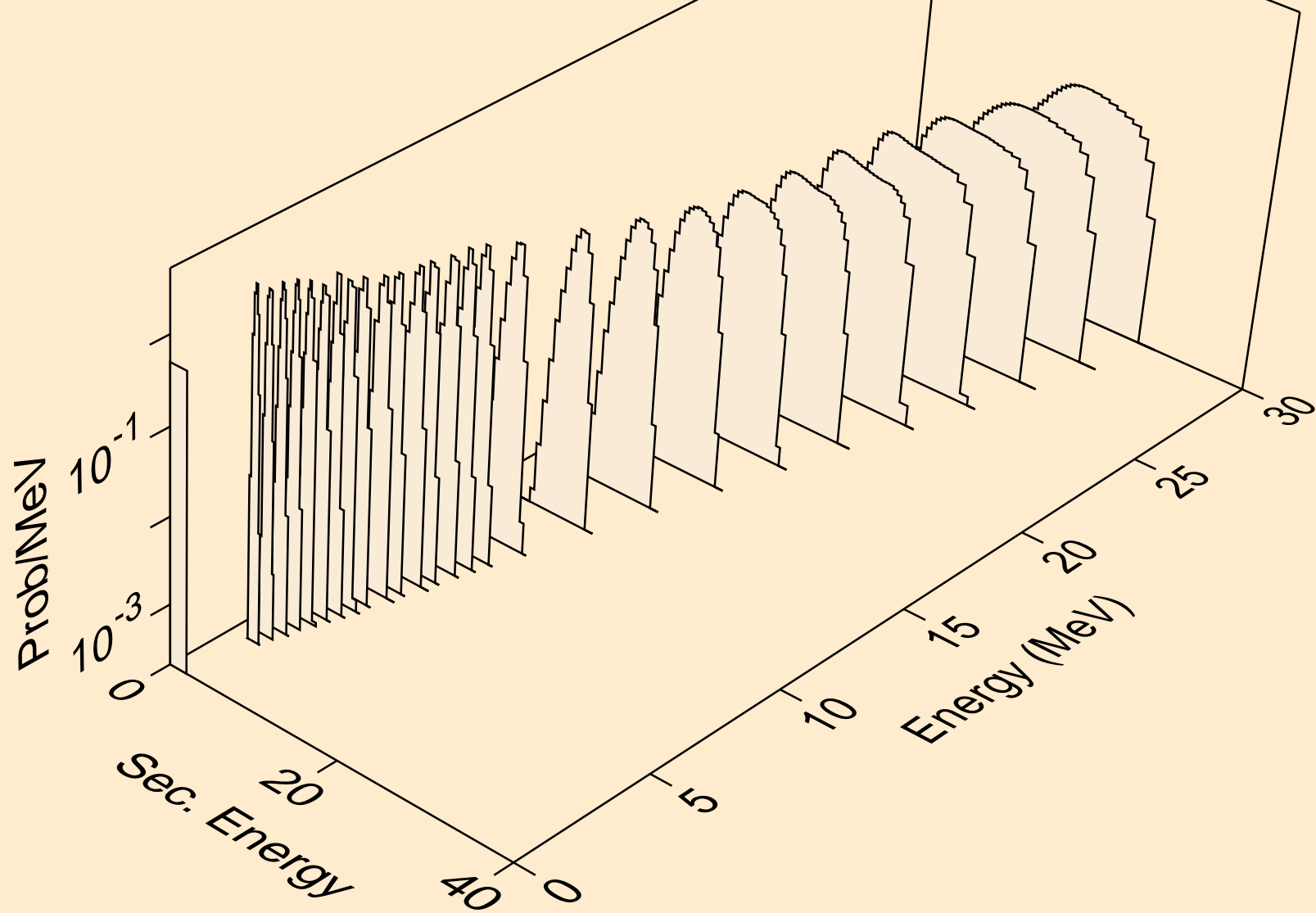




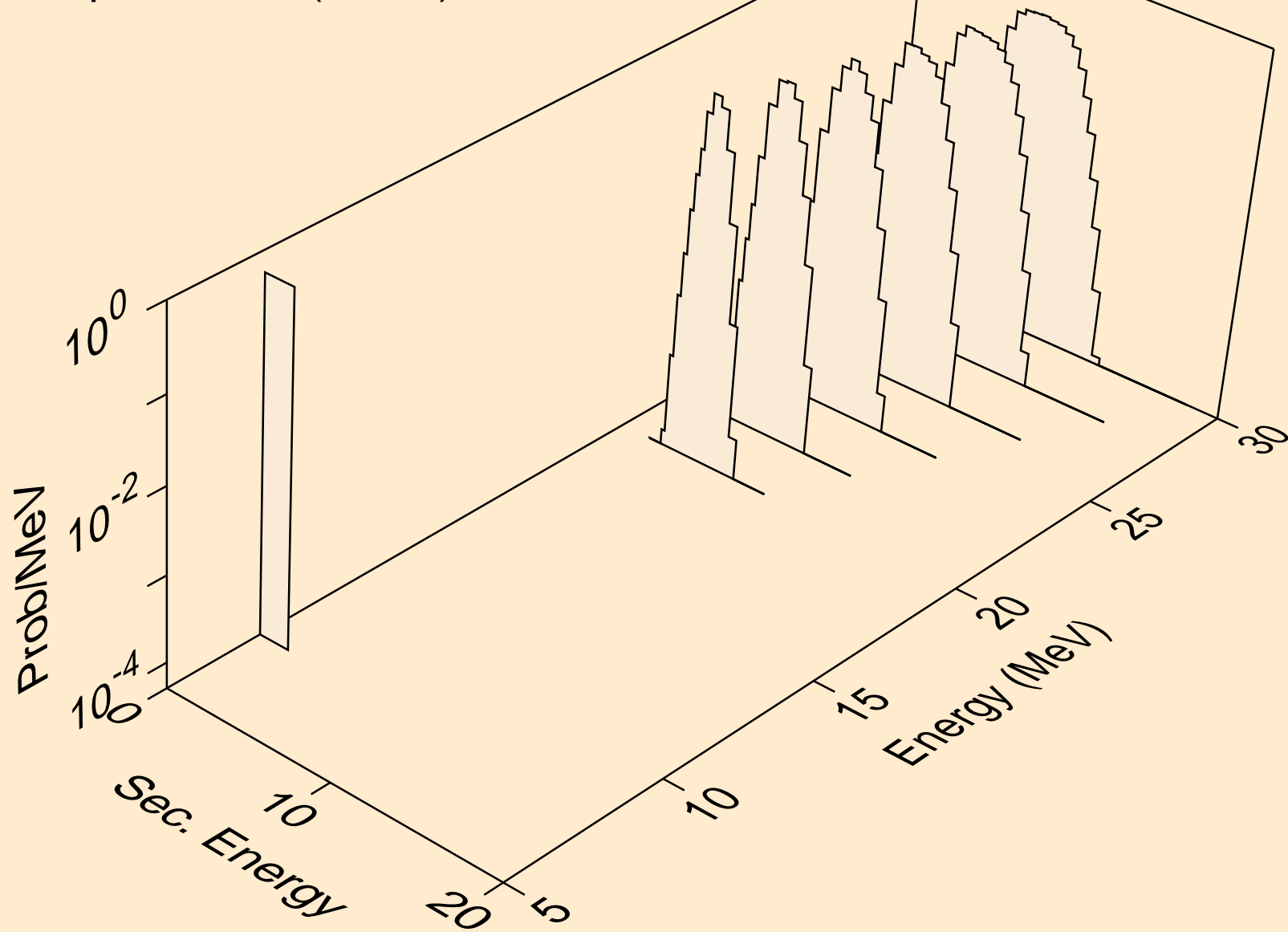
RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



RB077 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

