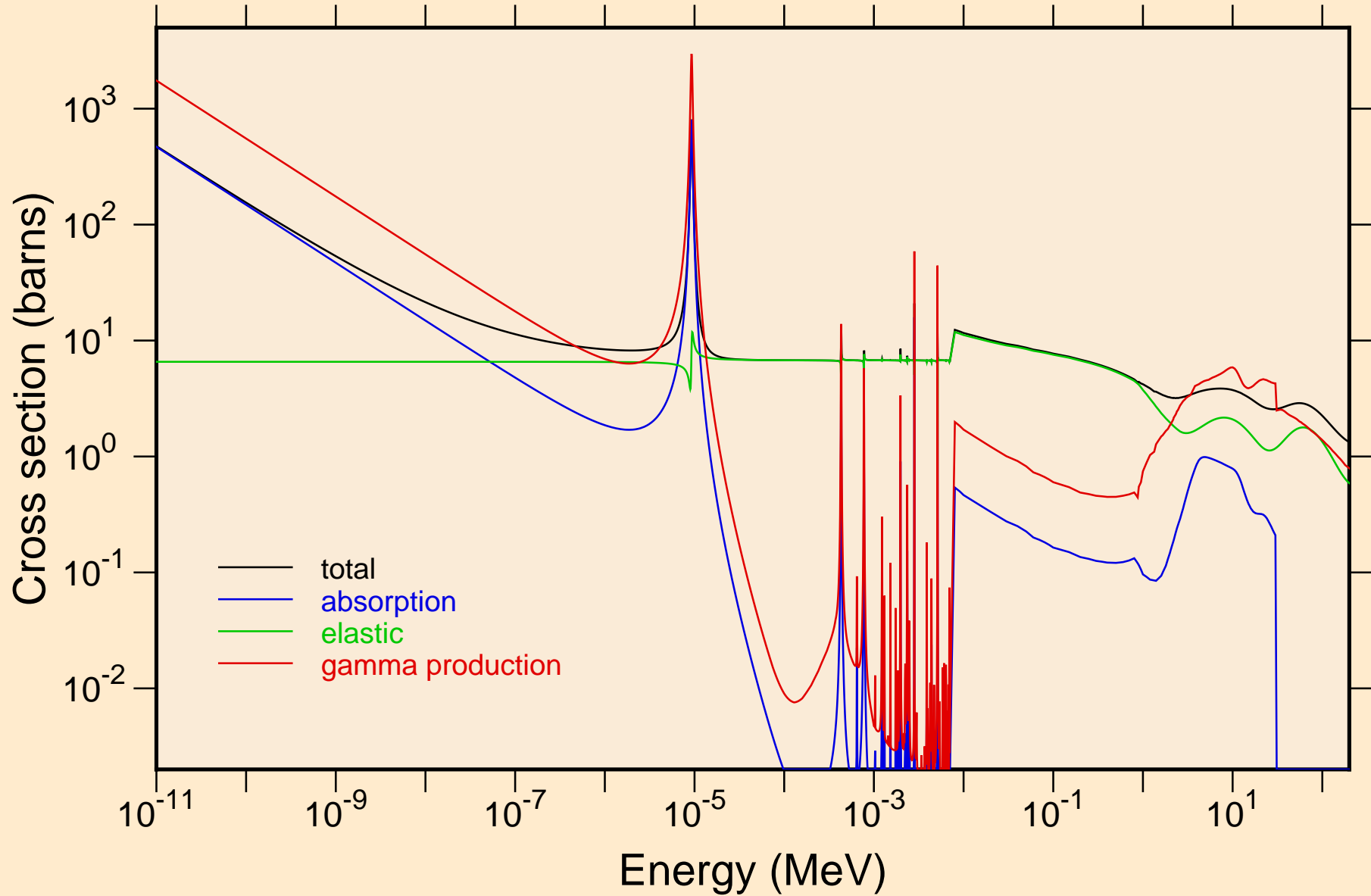
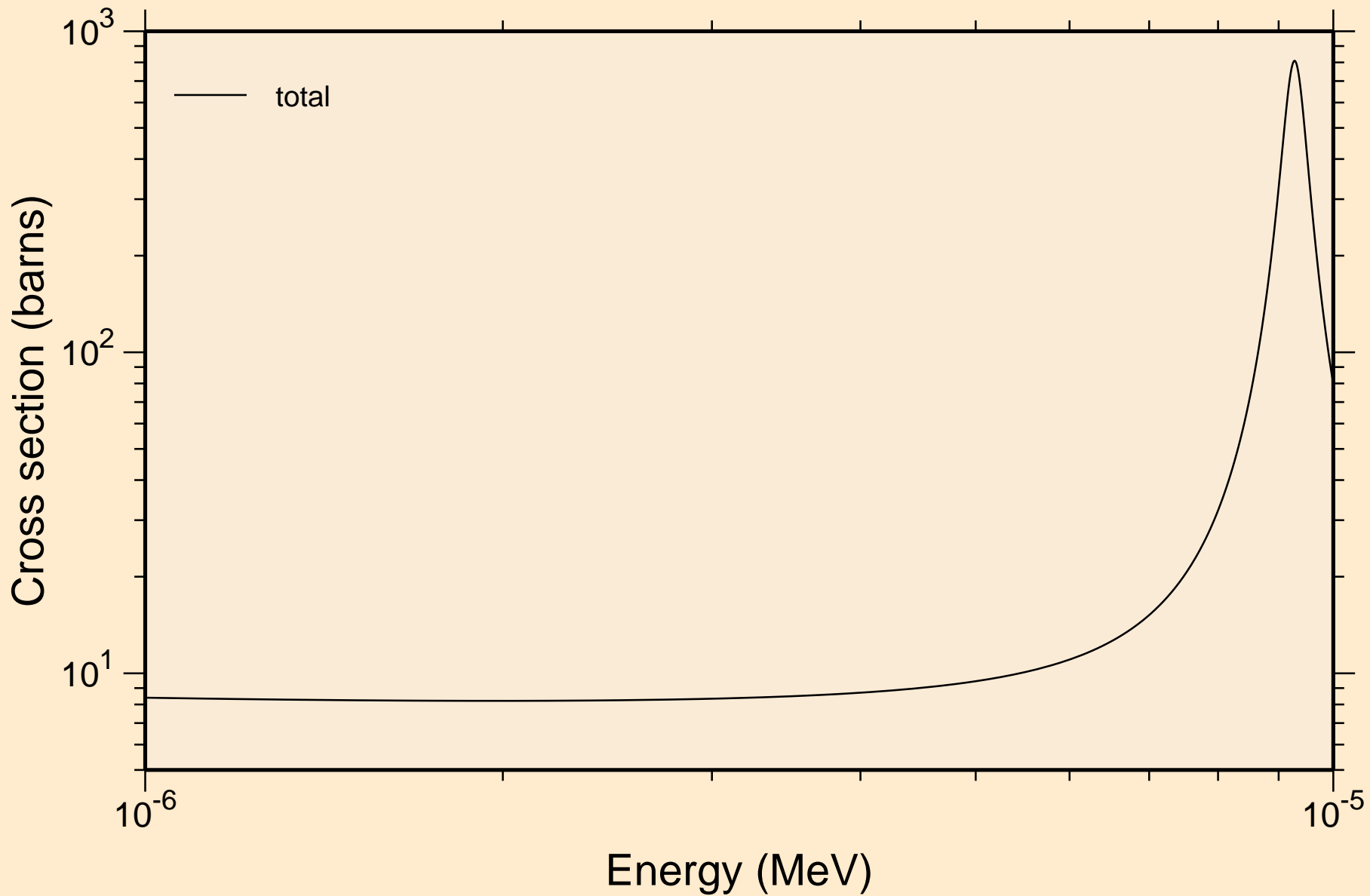


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

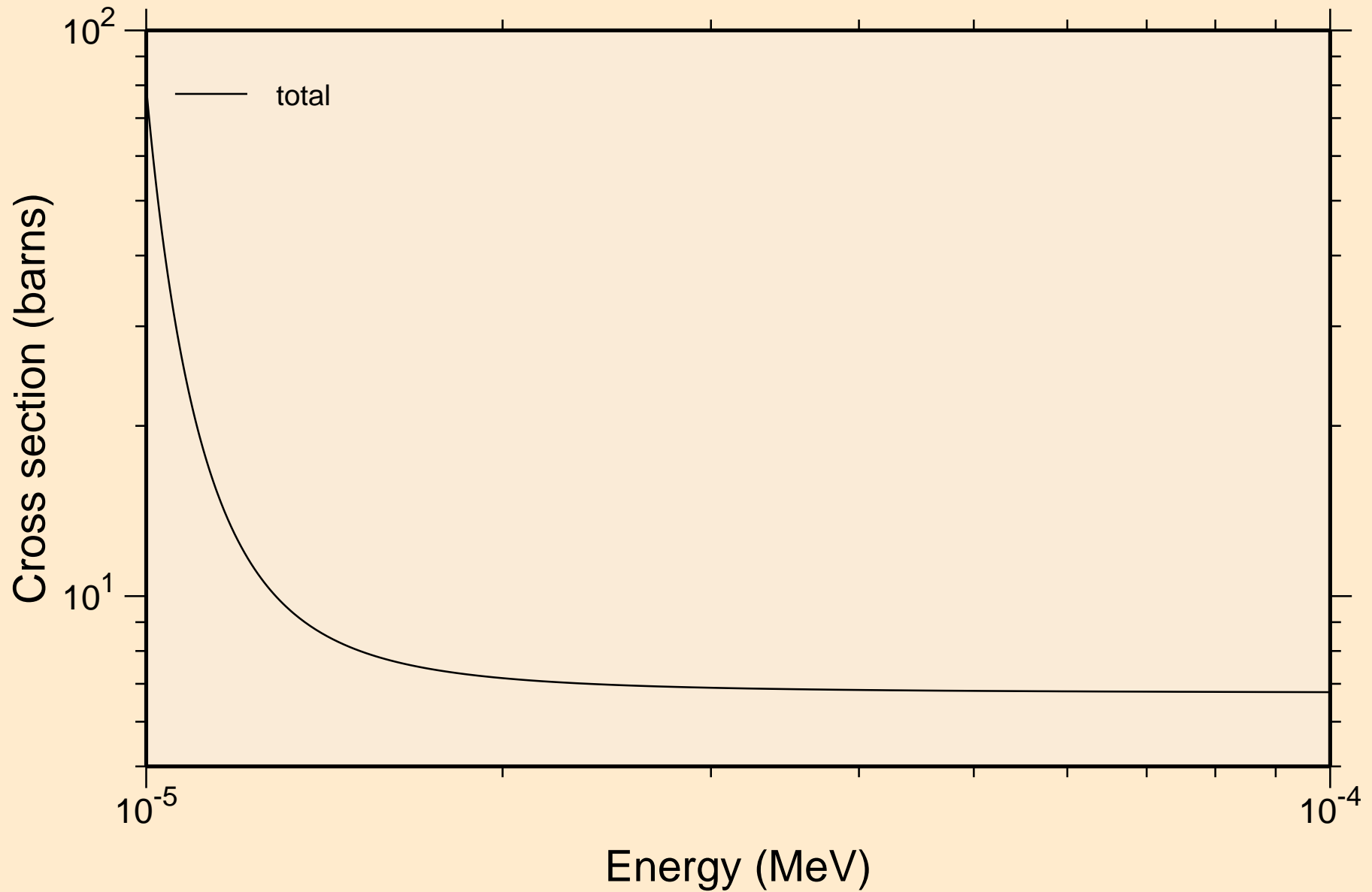
## Principal cross sections



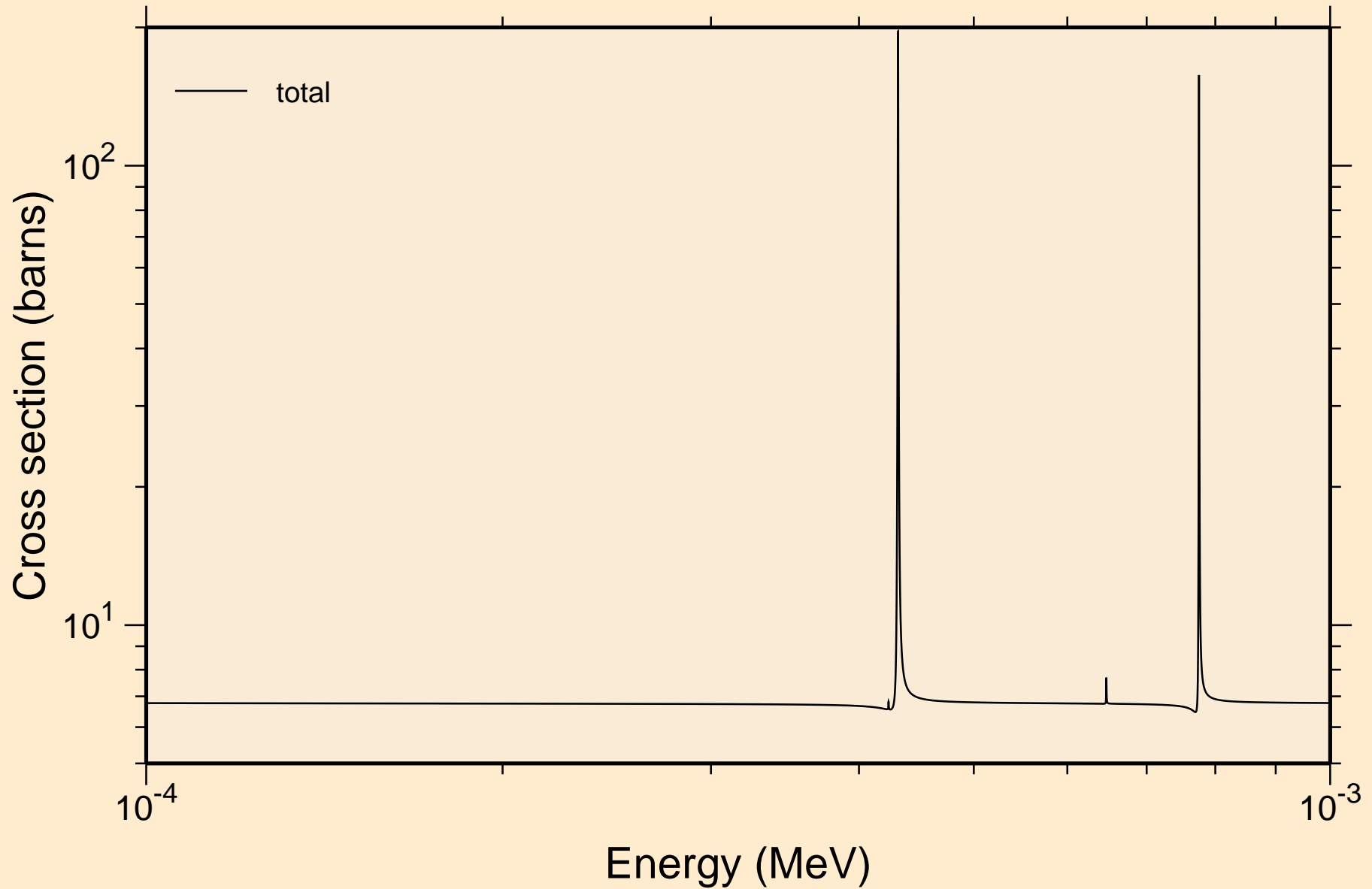
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



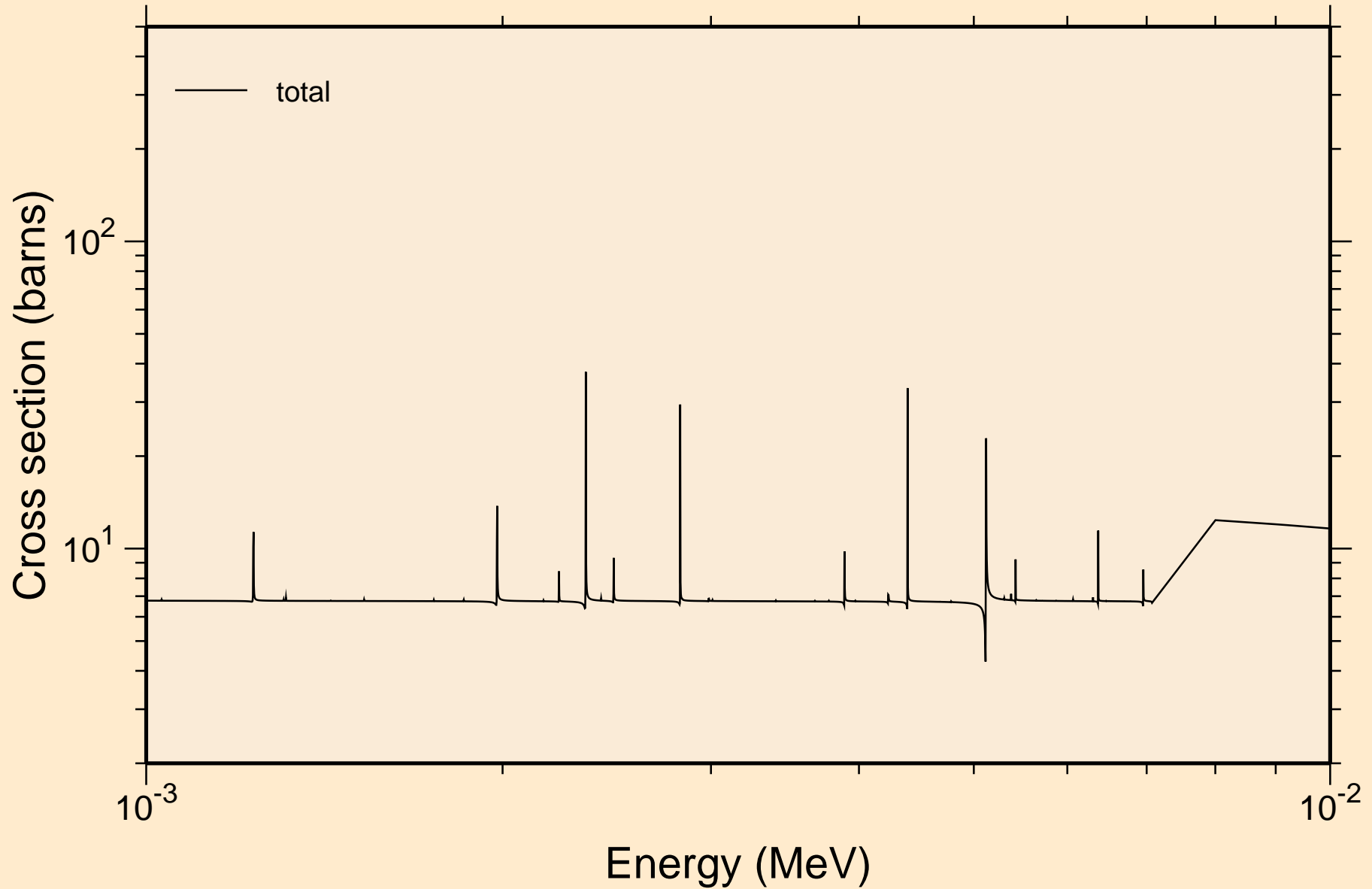
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



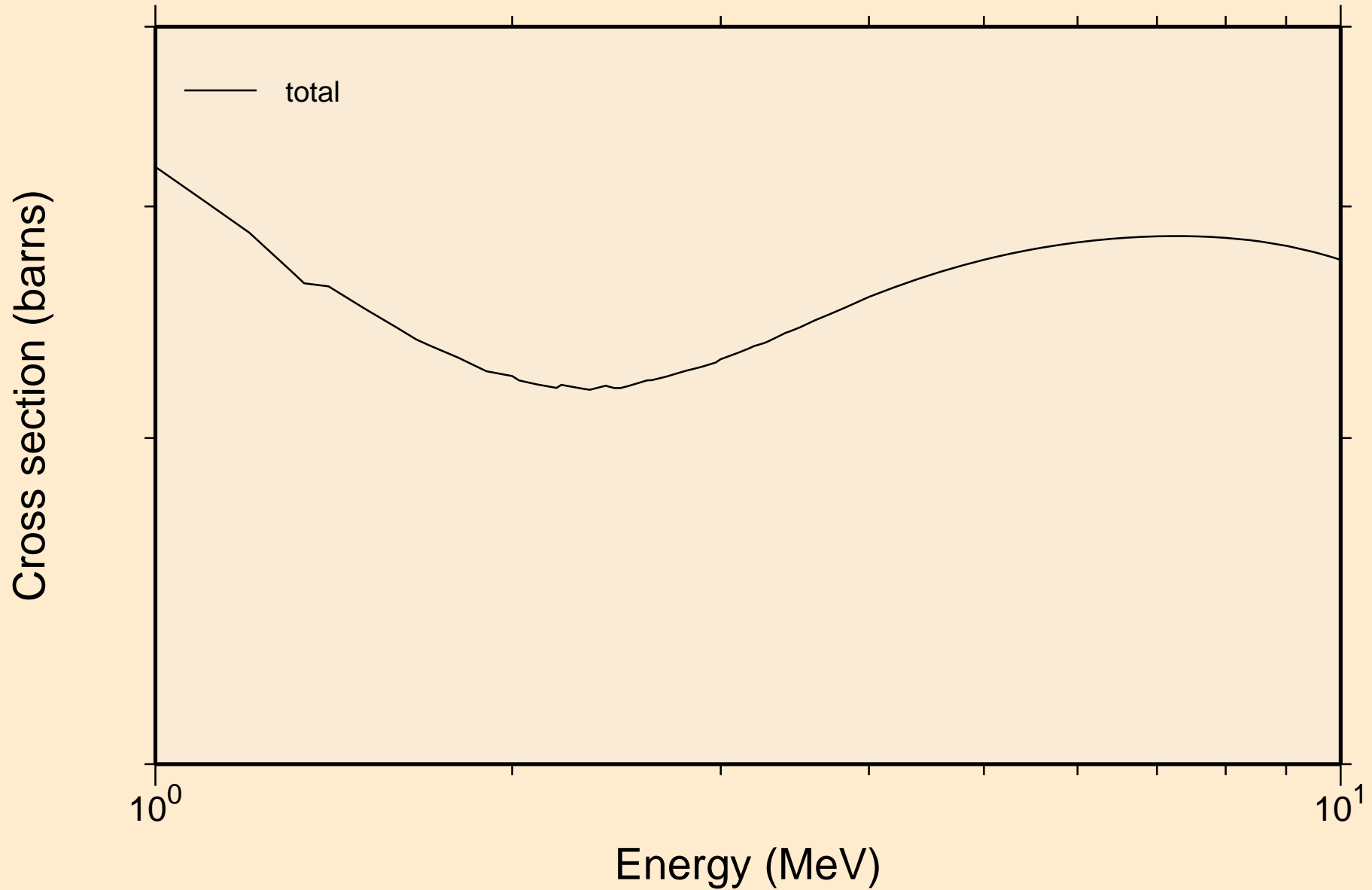
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



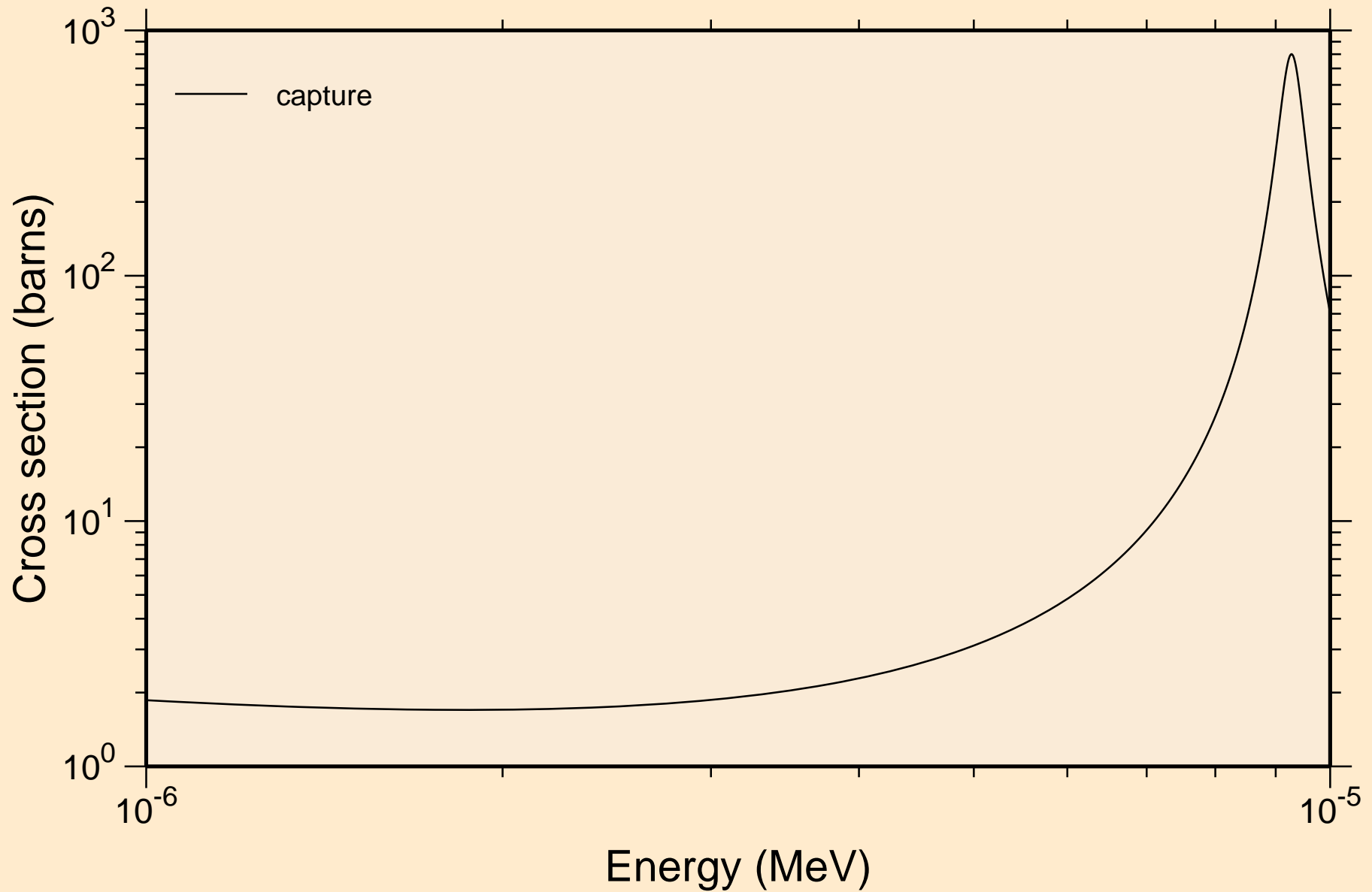
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



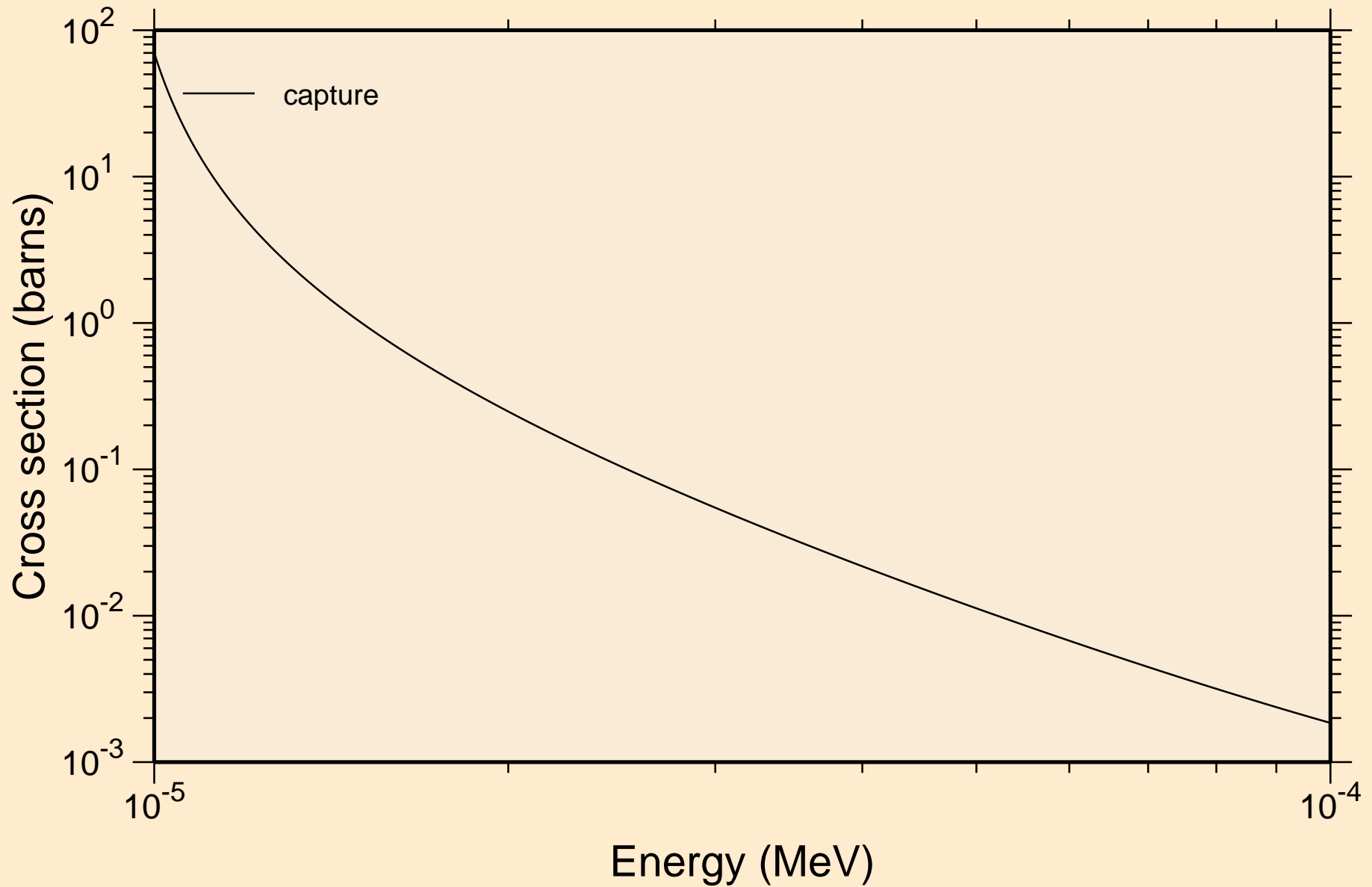
S $\bar{E}$ 072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

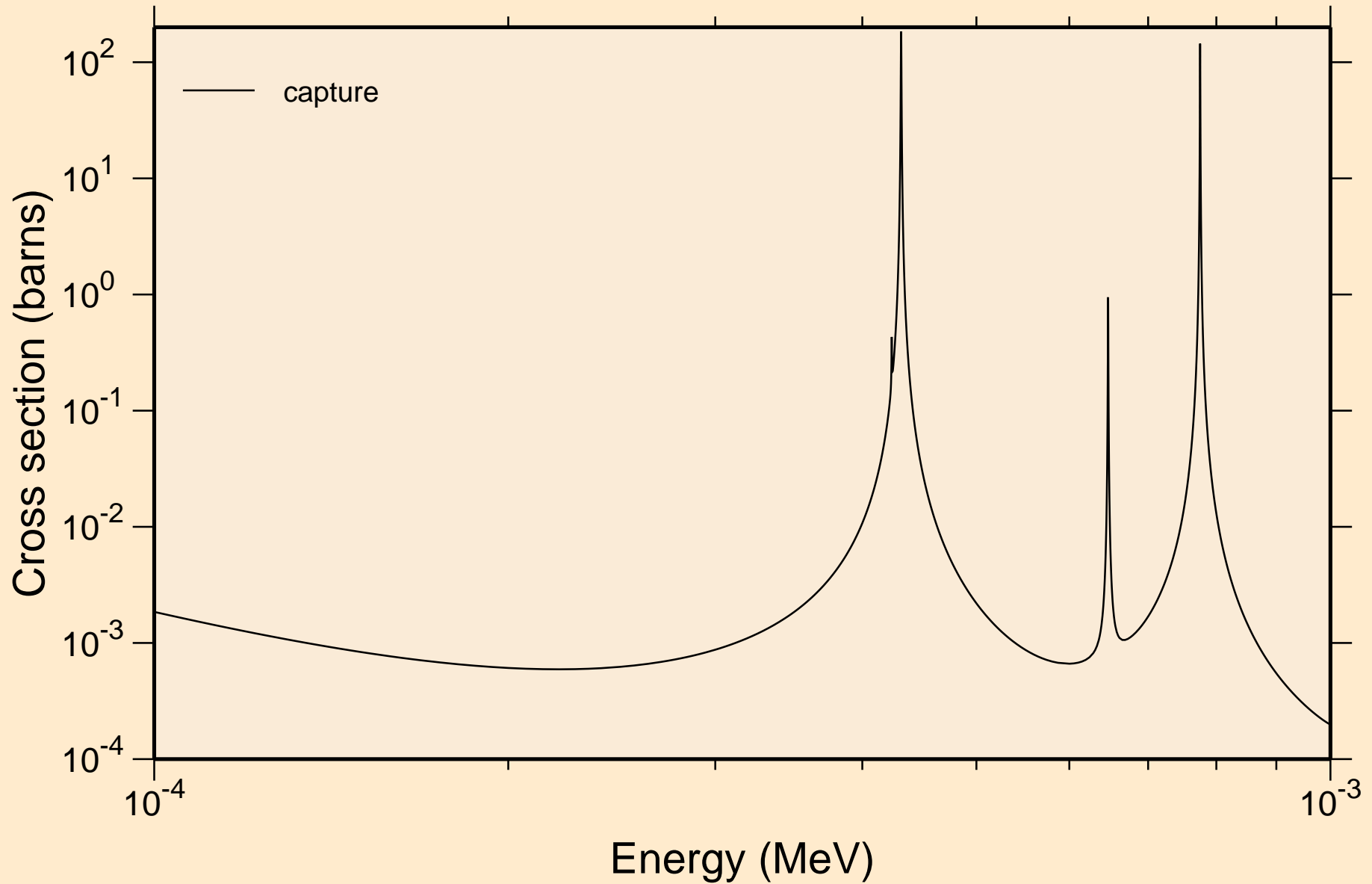


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

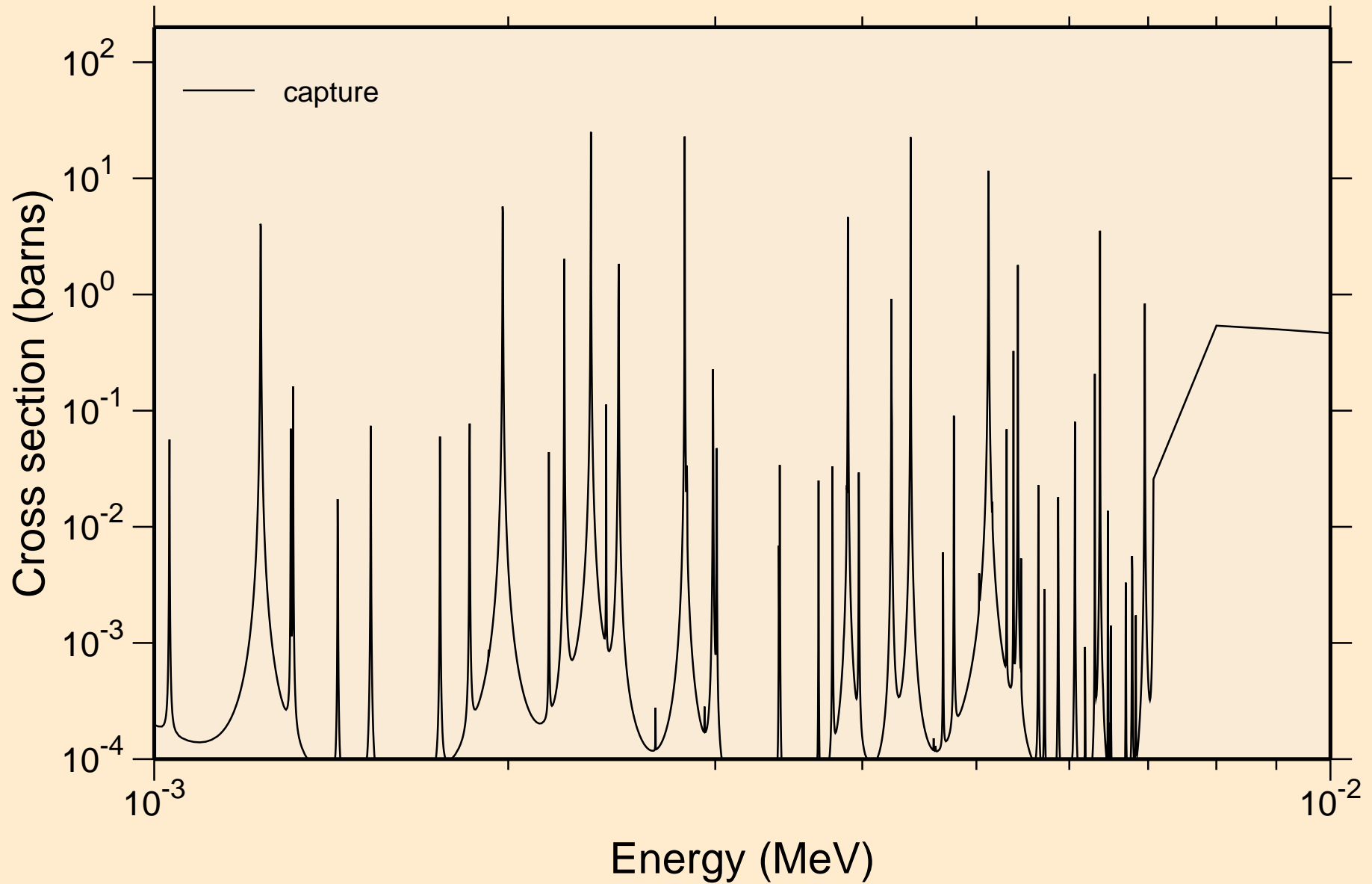




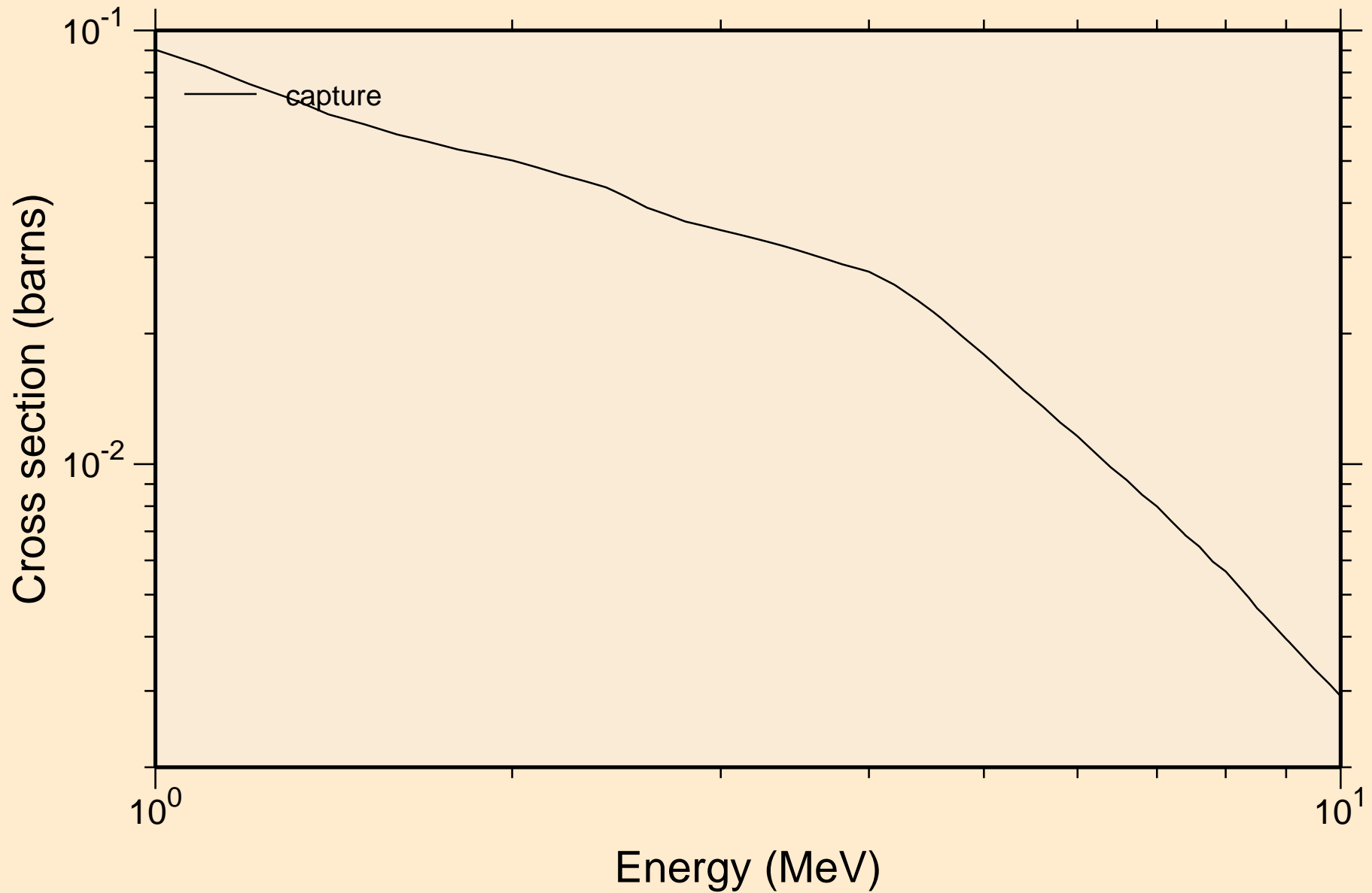
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

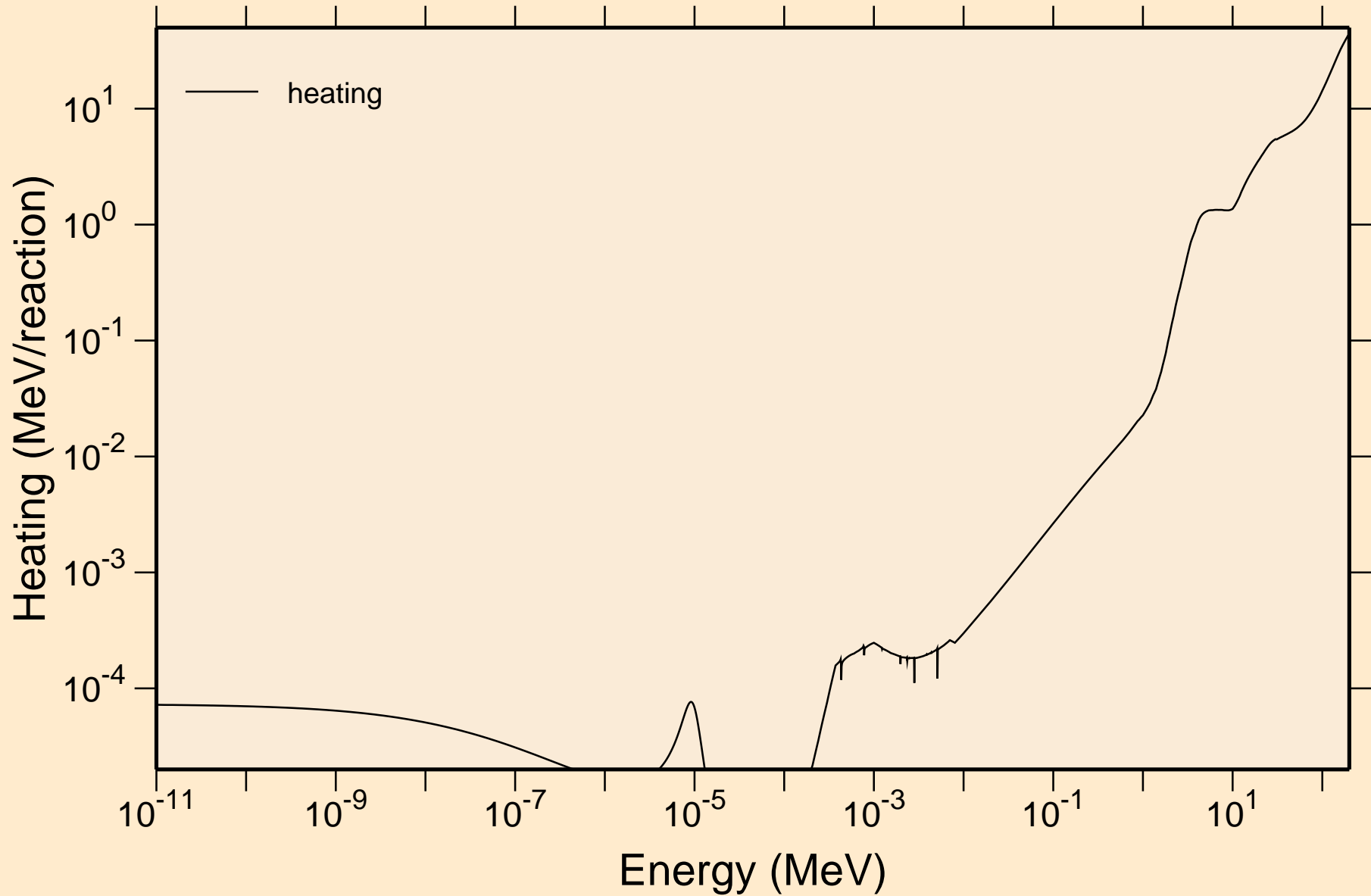


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



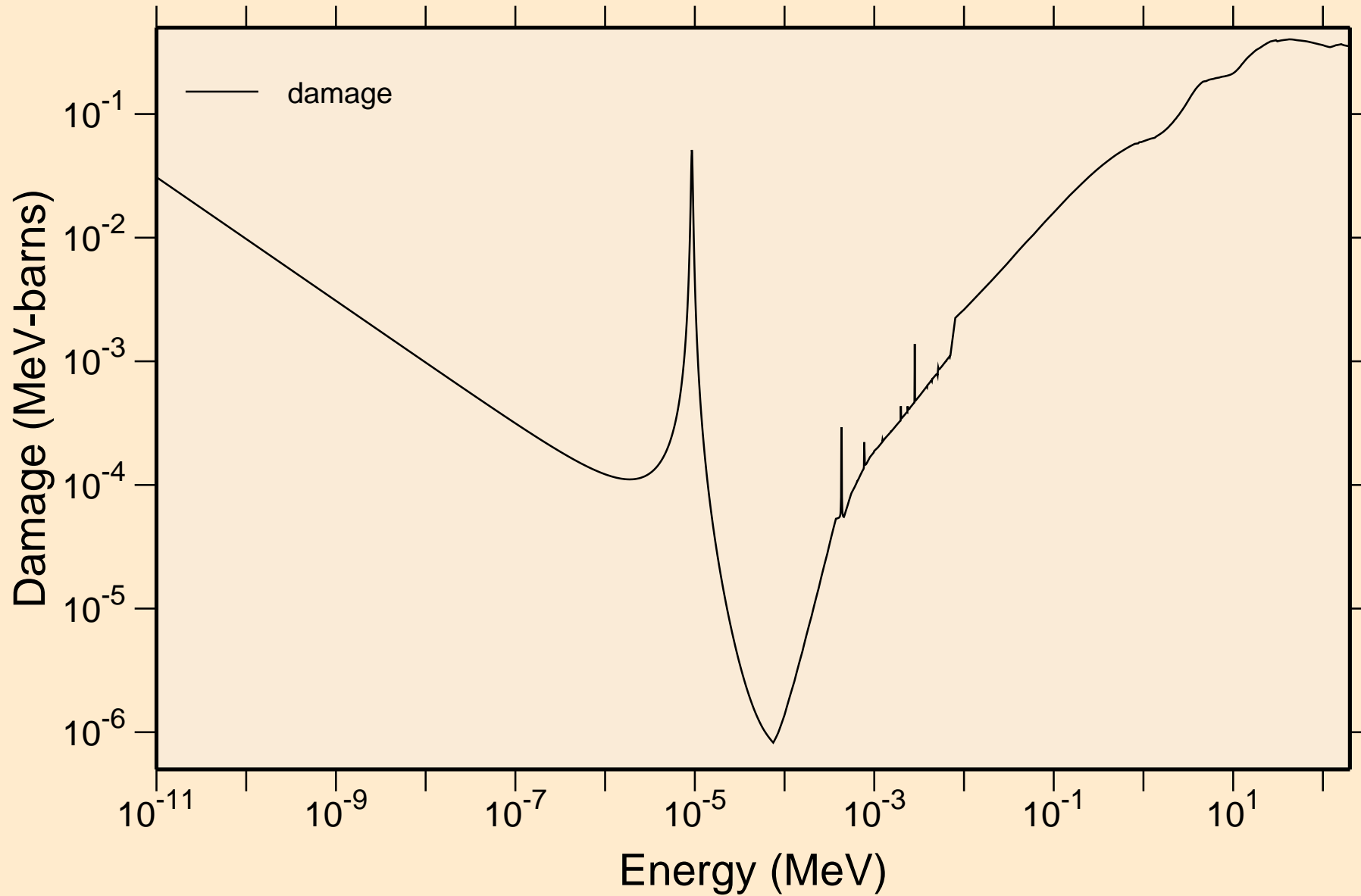
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



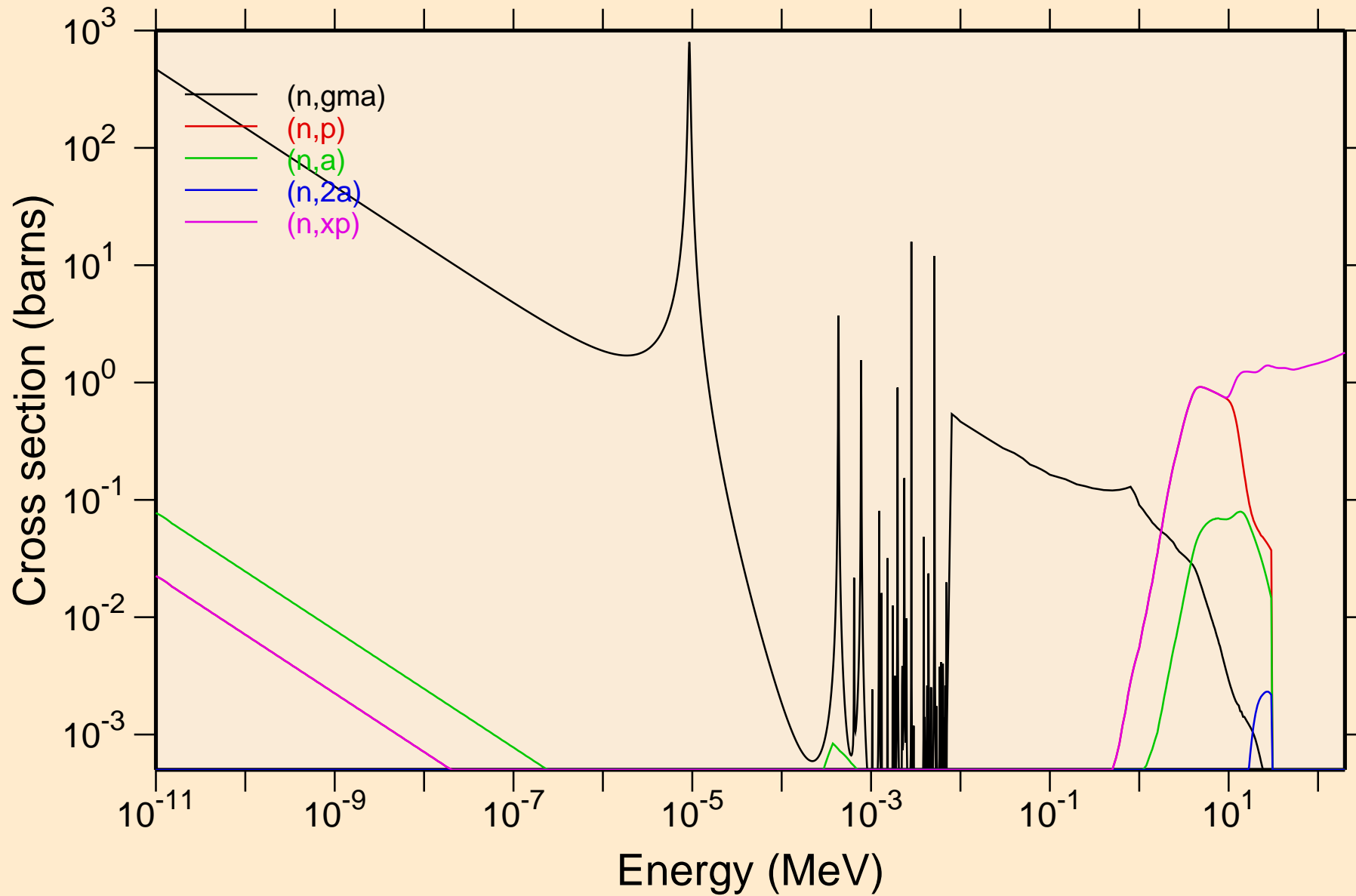
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

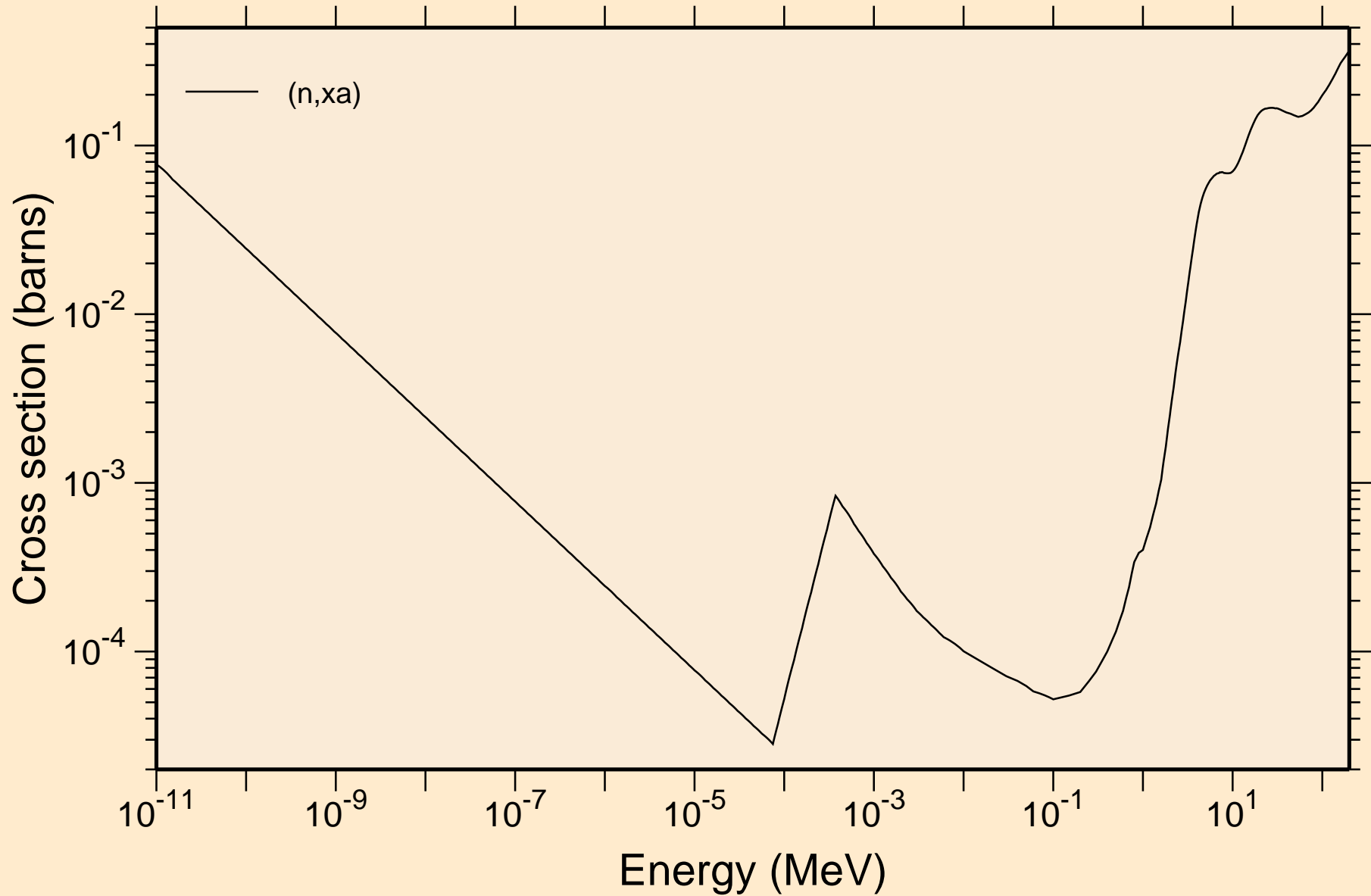


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

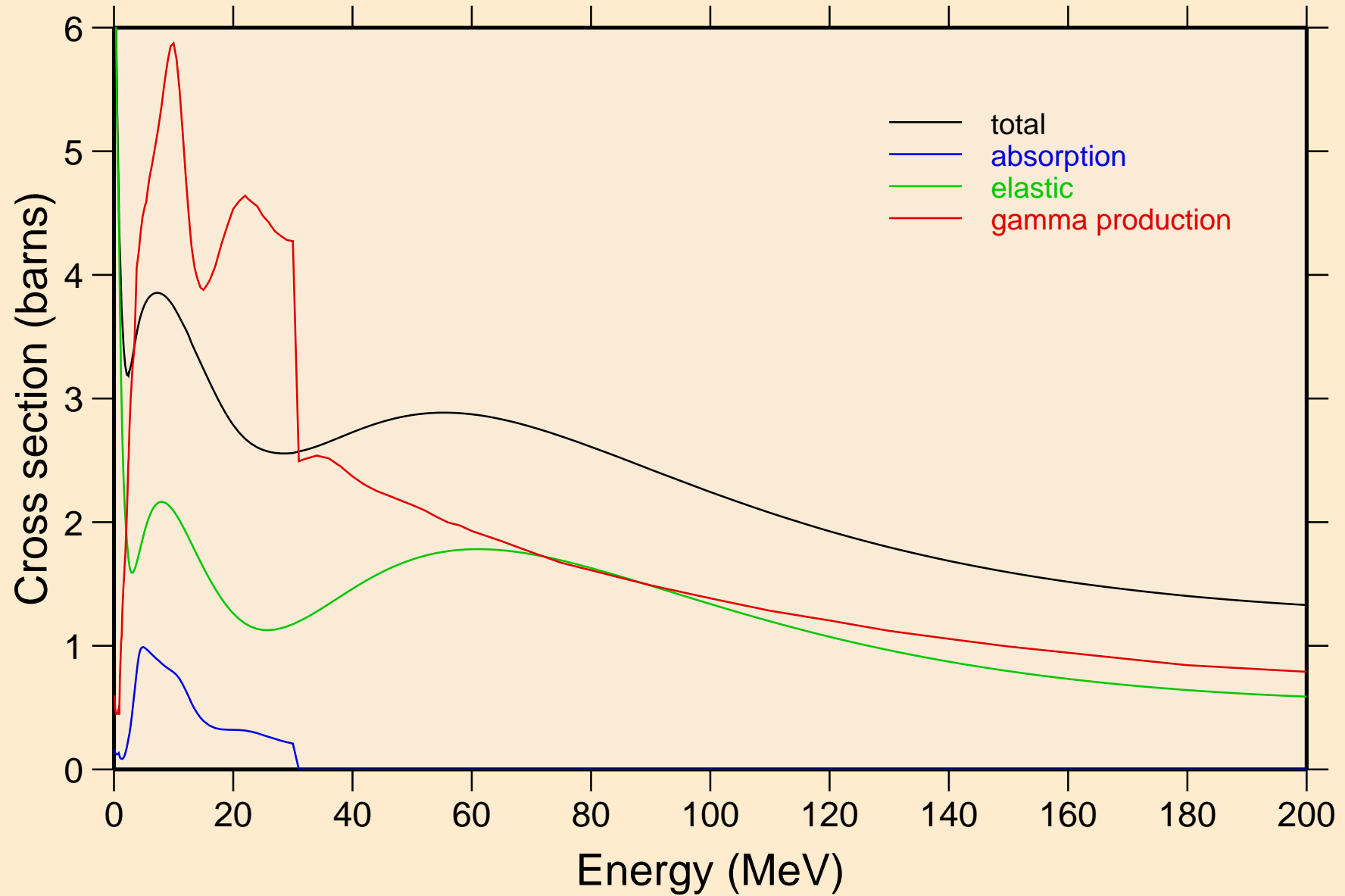


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

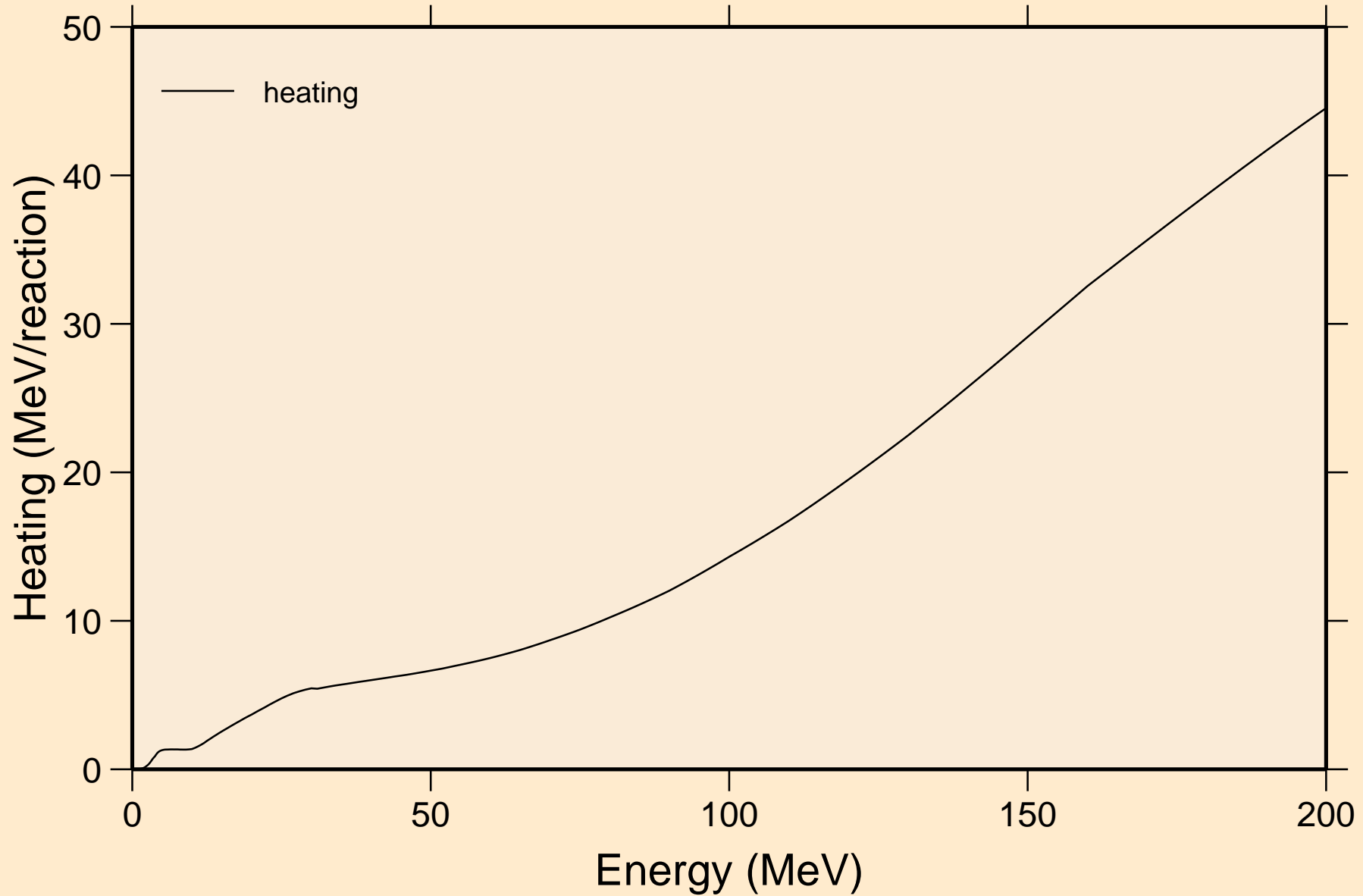
## Principal cross sections





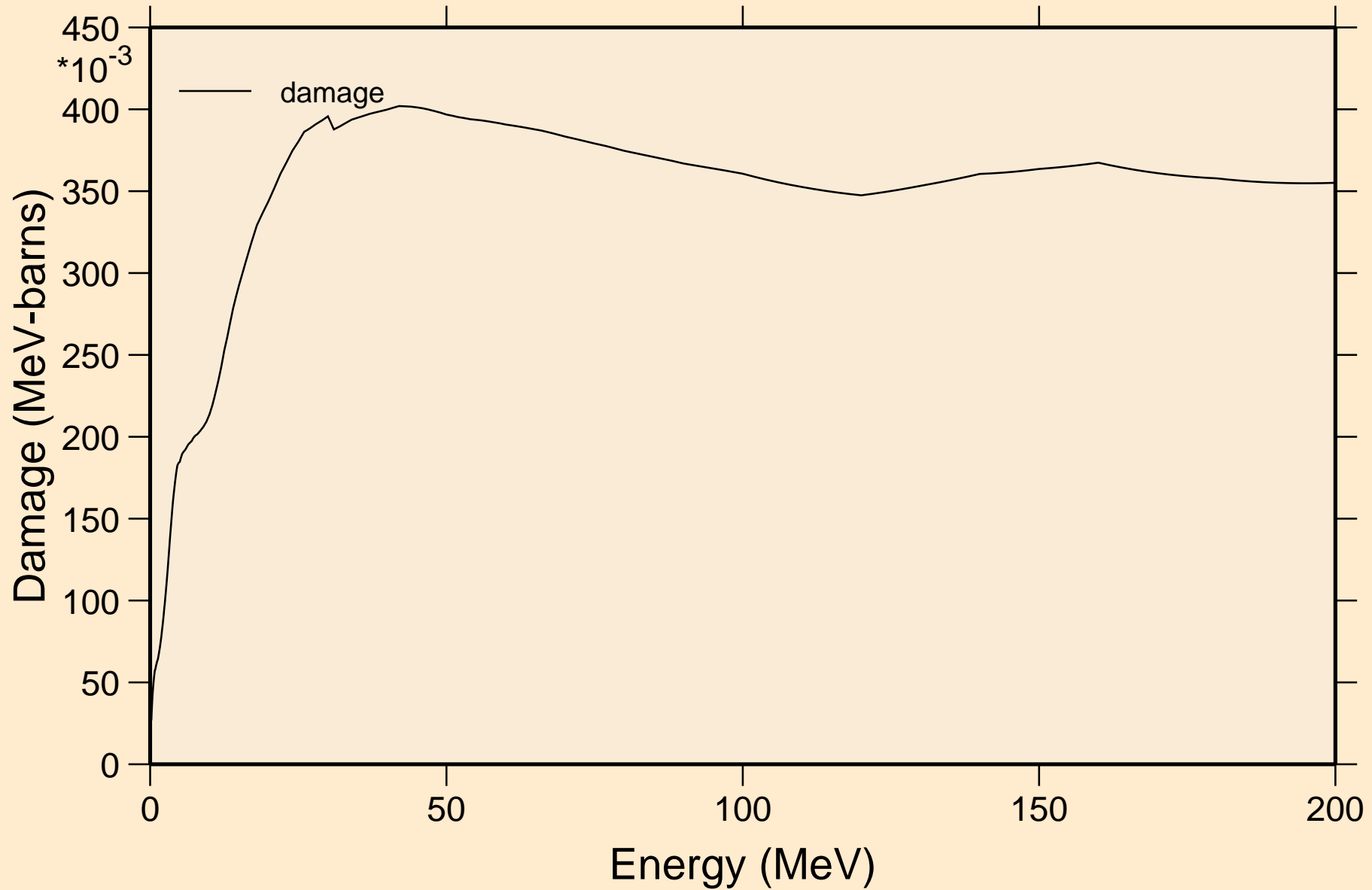
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



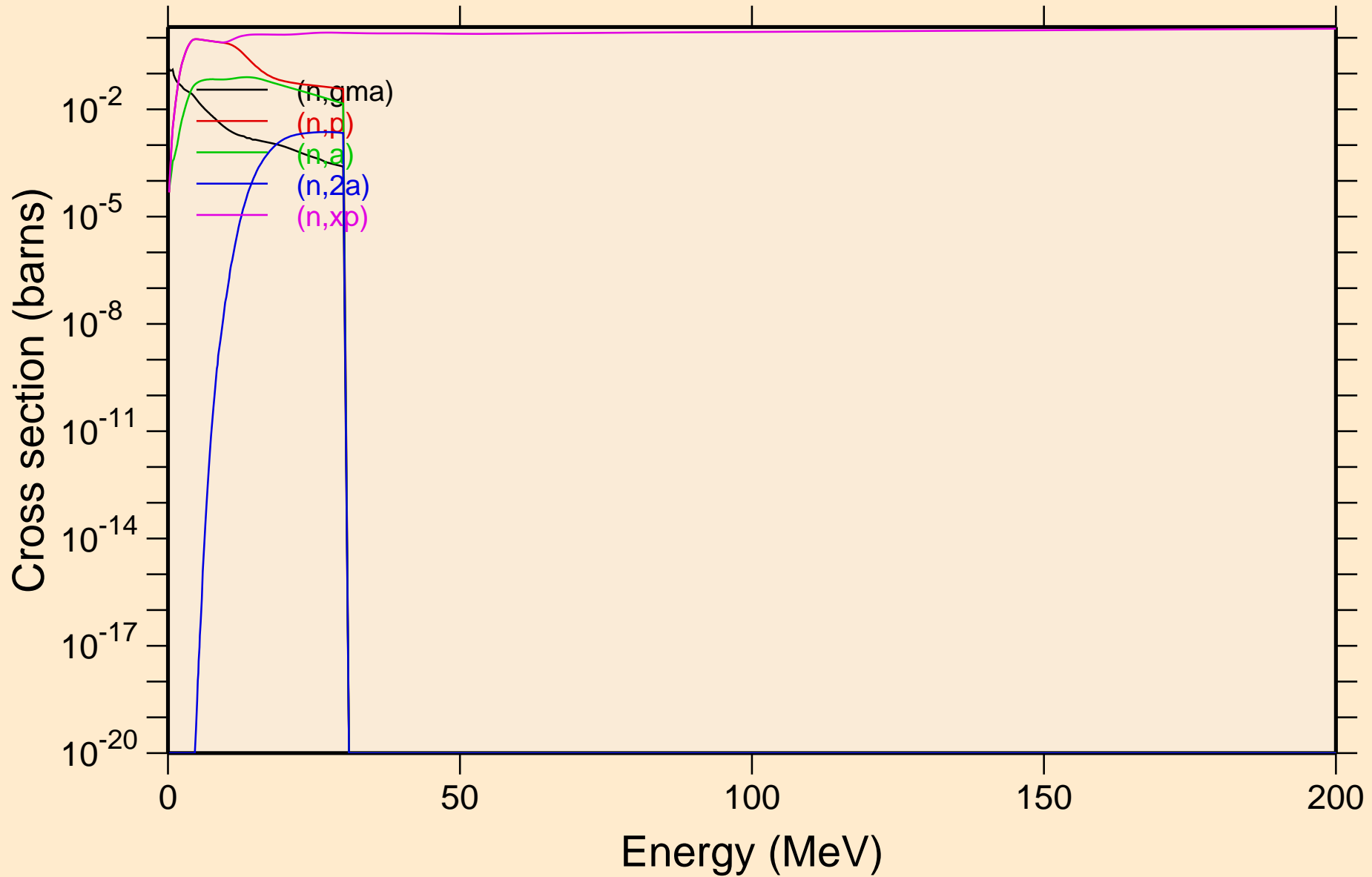
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

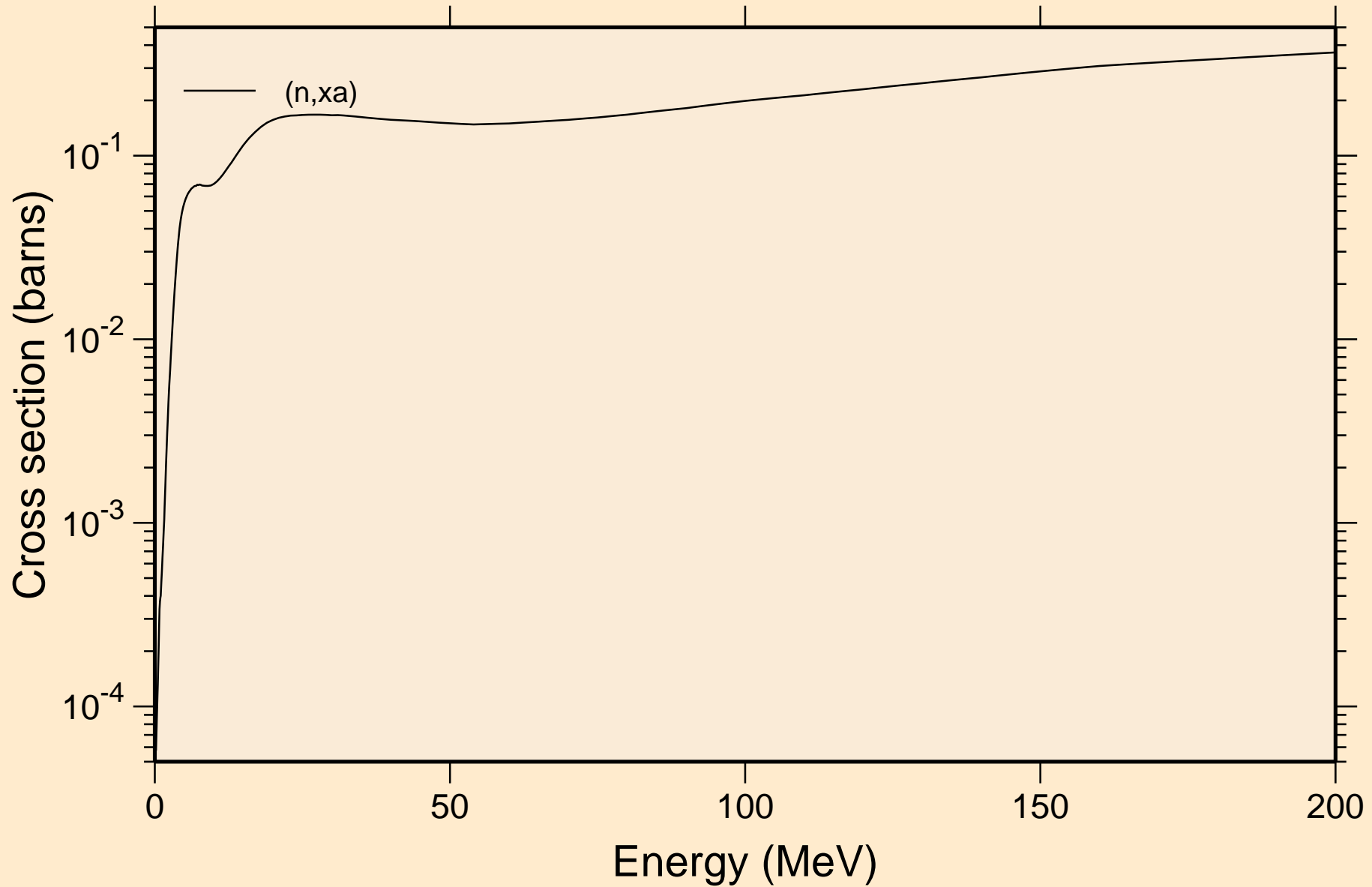


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

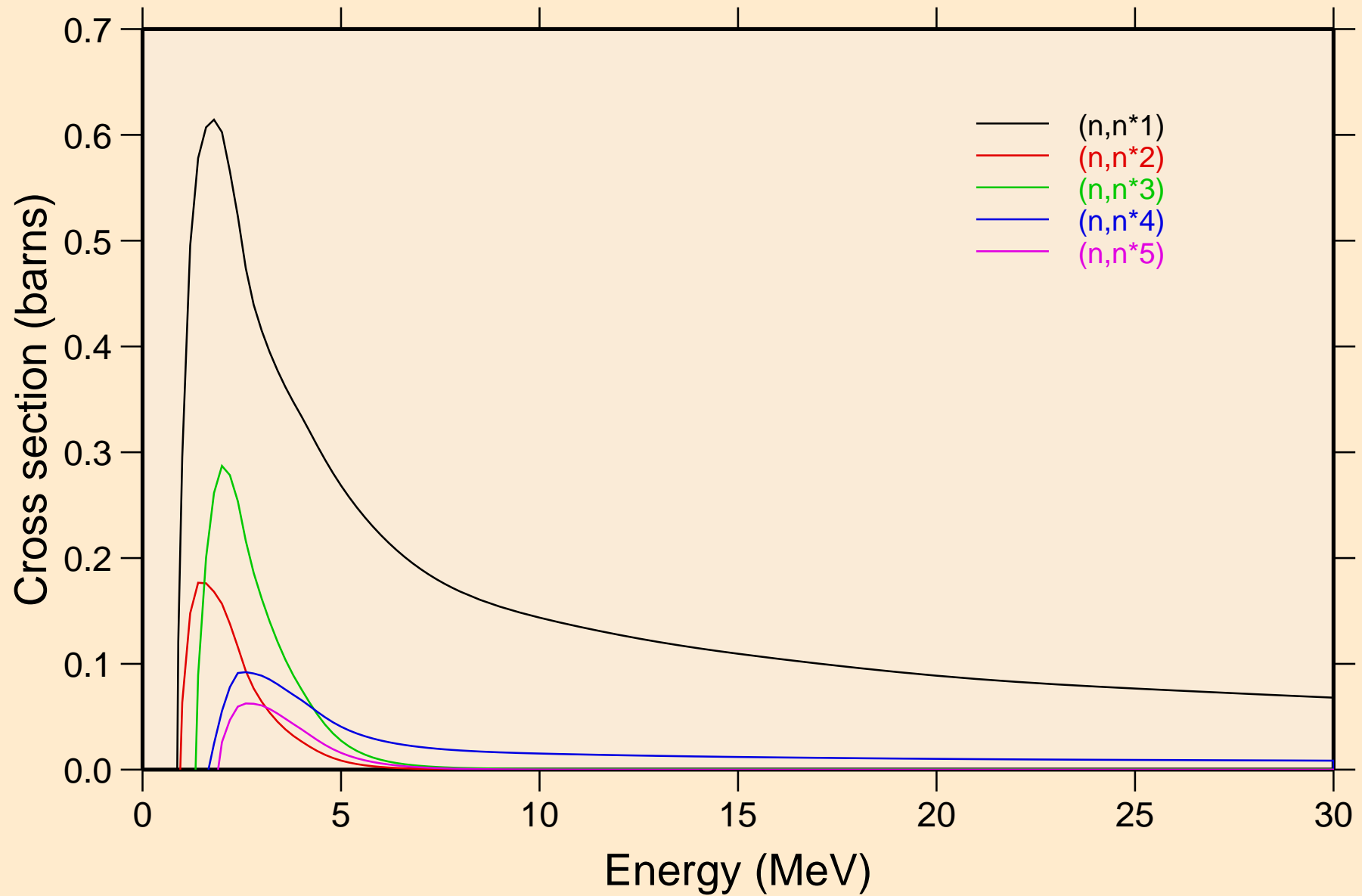
## Non-threshold reactions



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

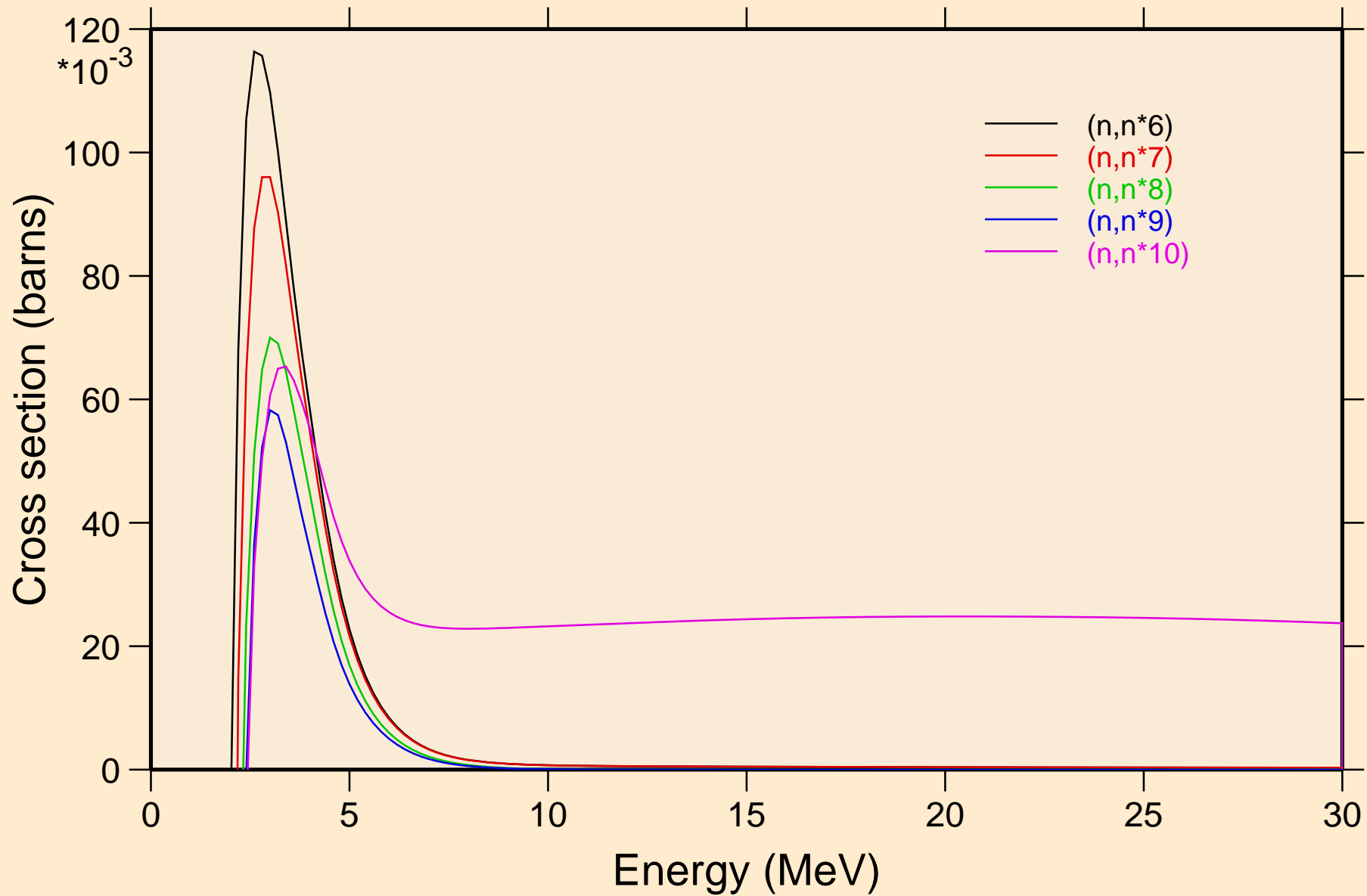


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

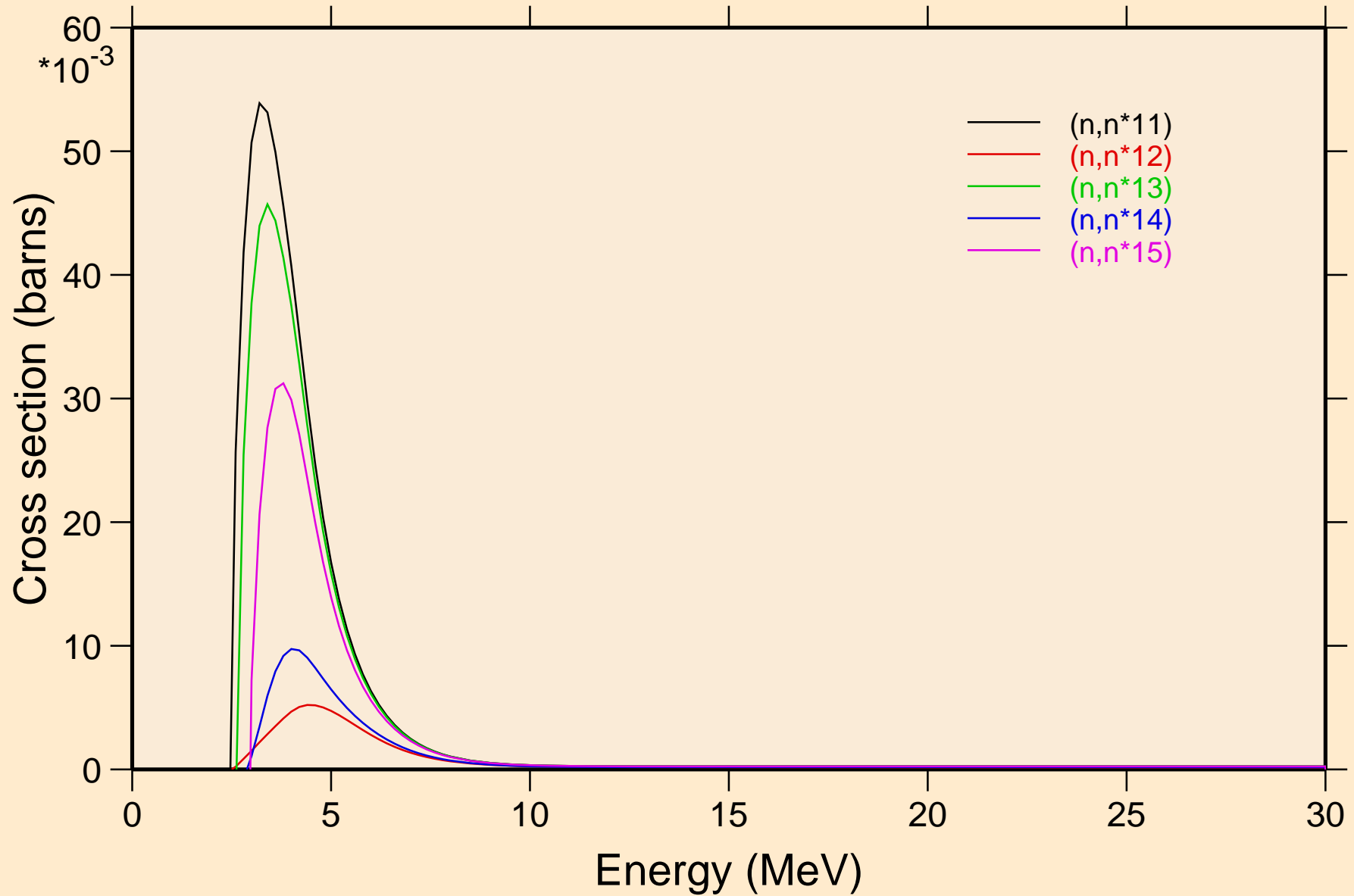


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

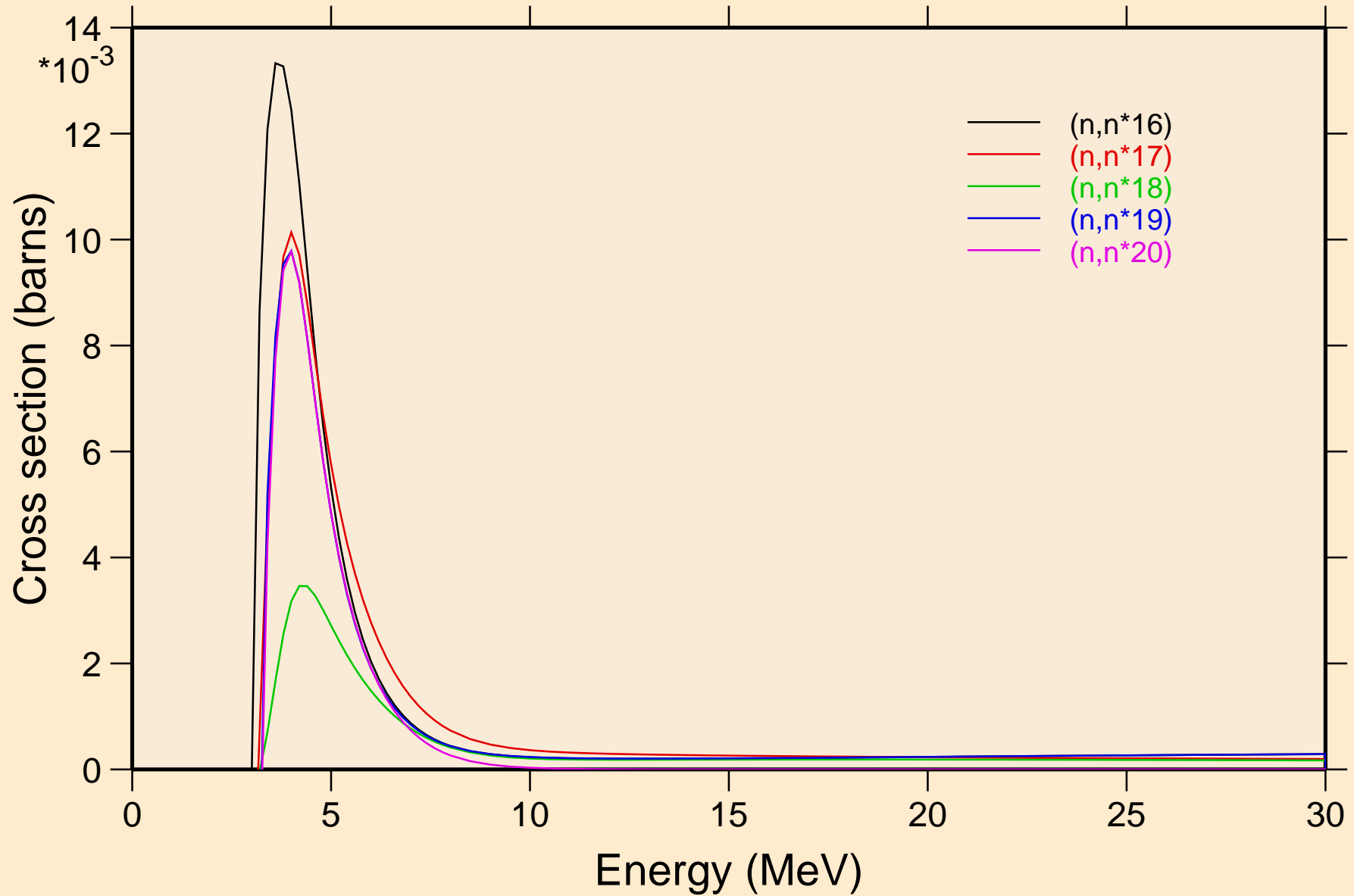
## Inelastic levels



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

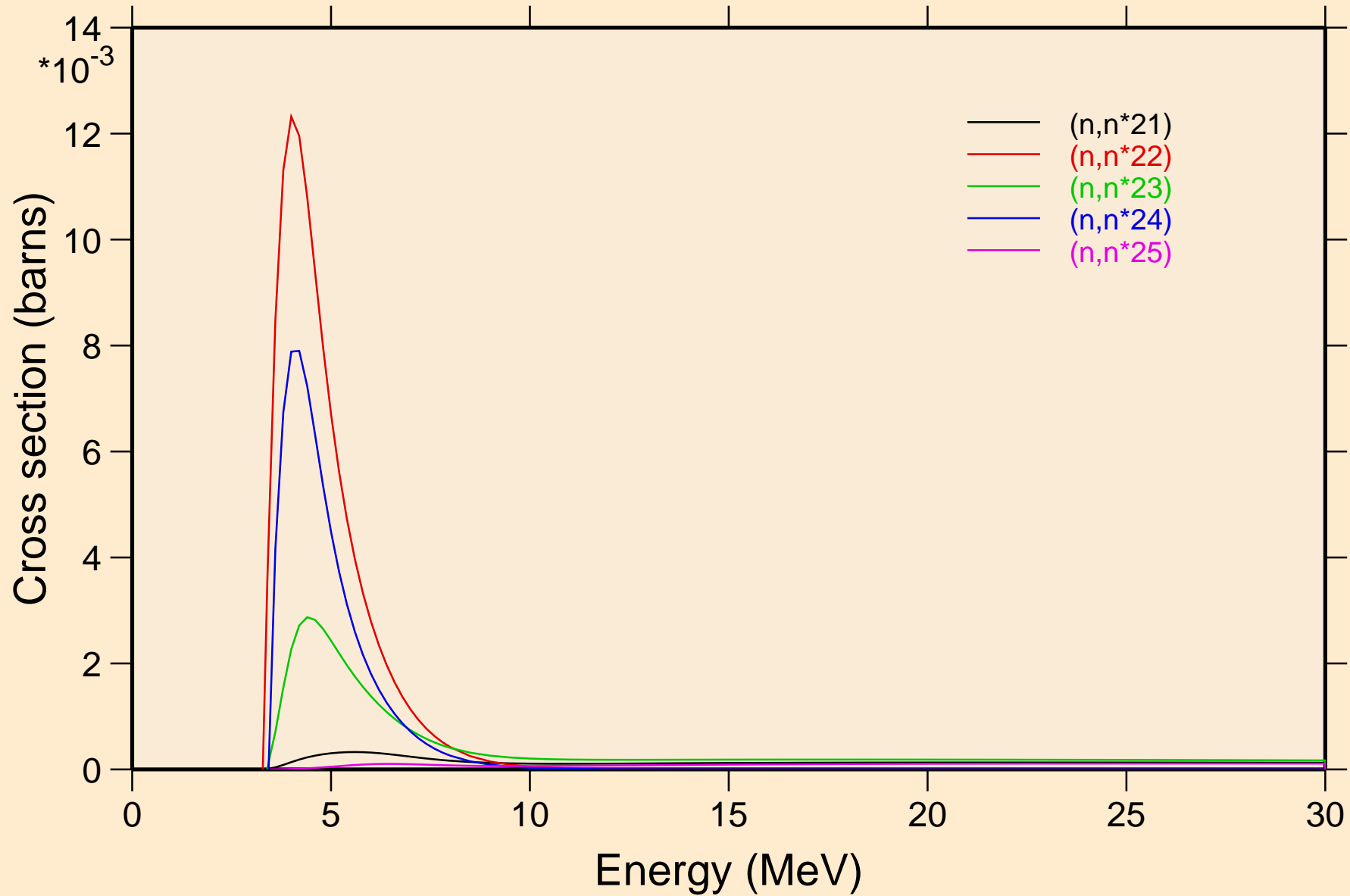


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

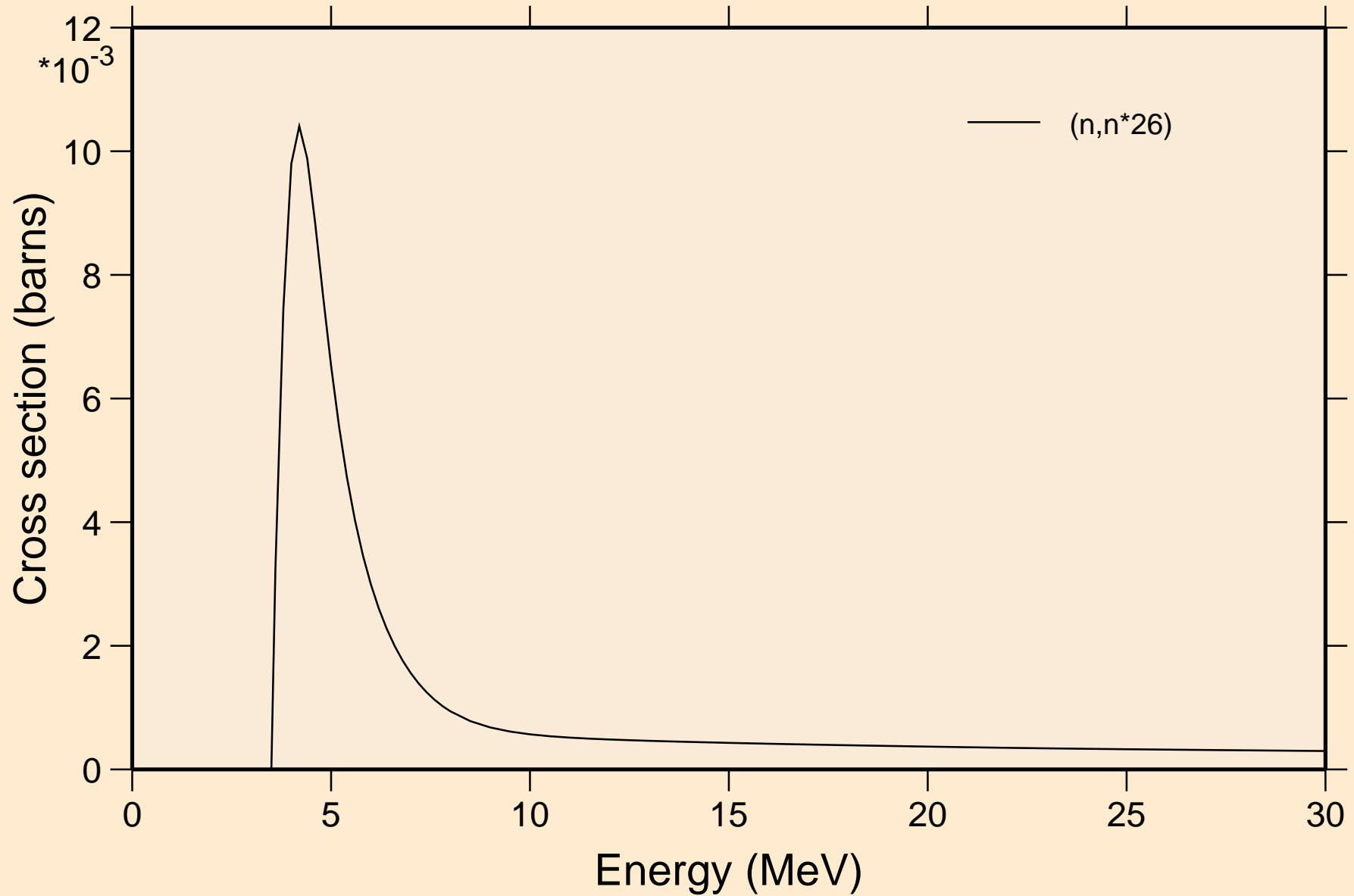




SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

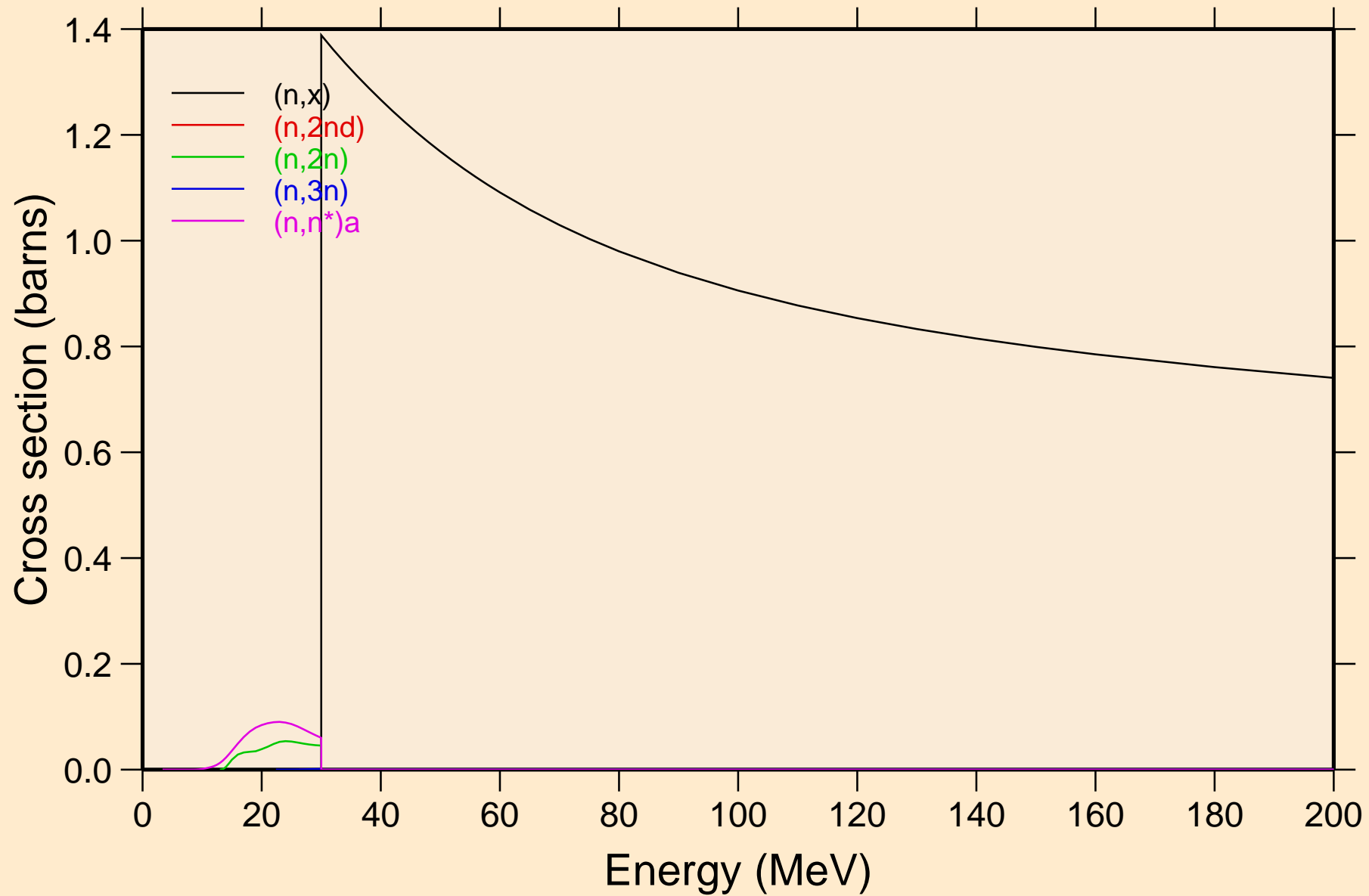


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

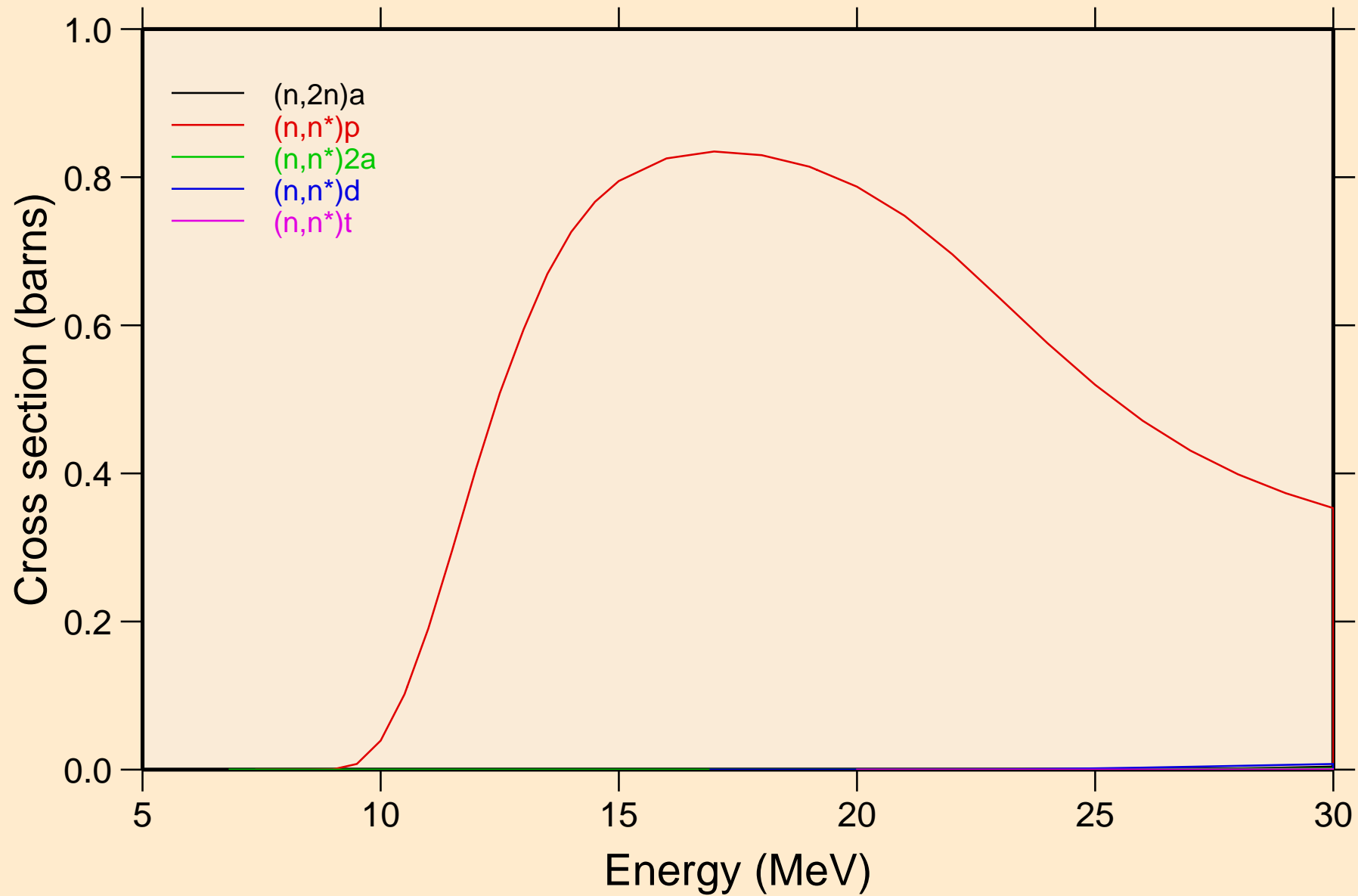


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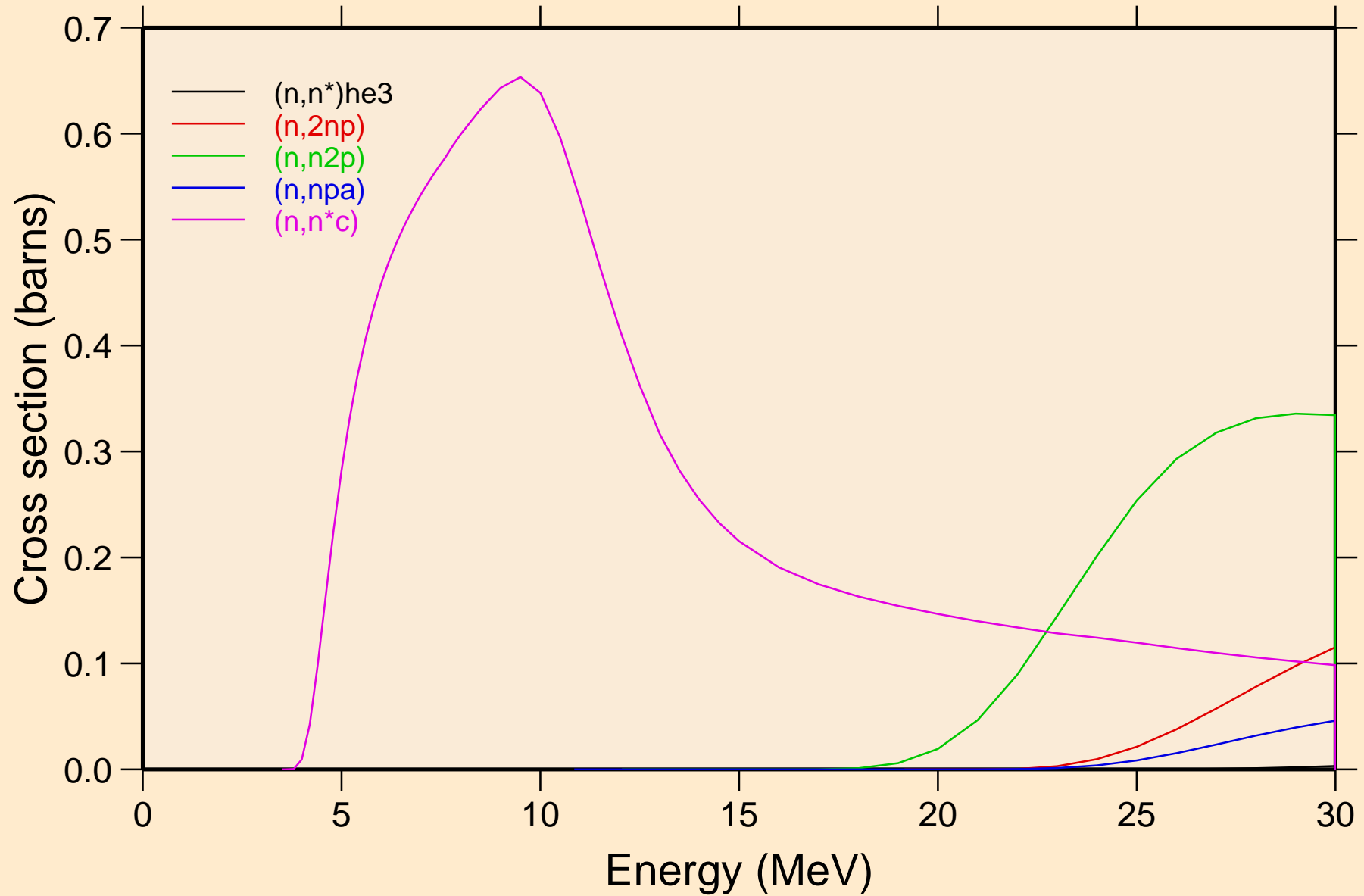
## Threshold reactions



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

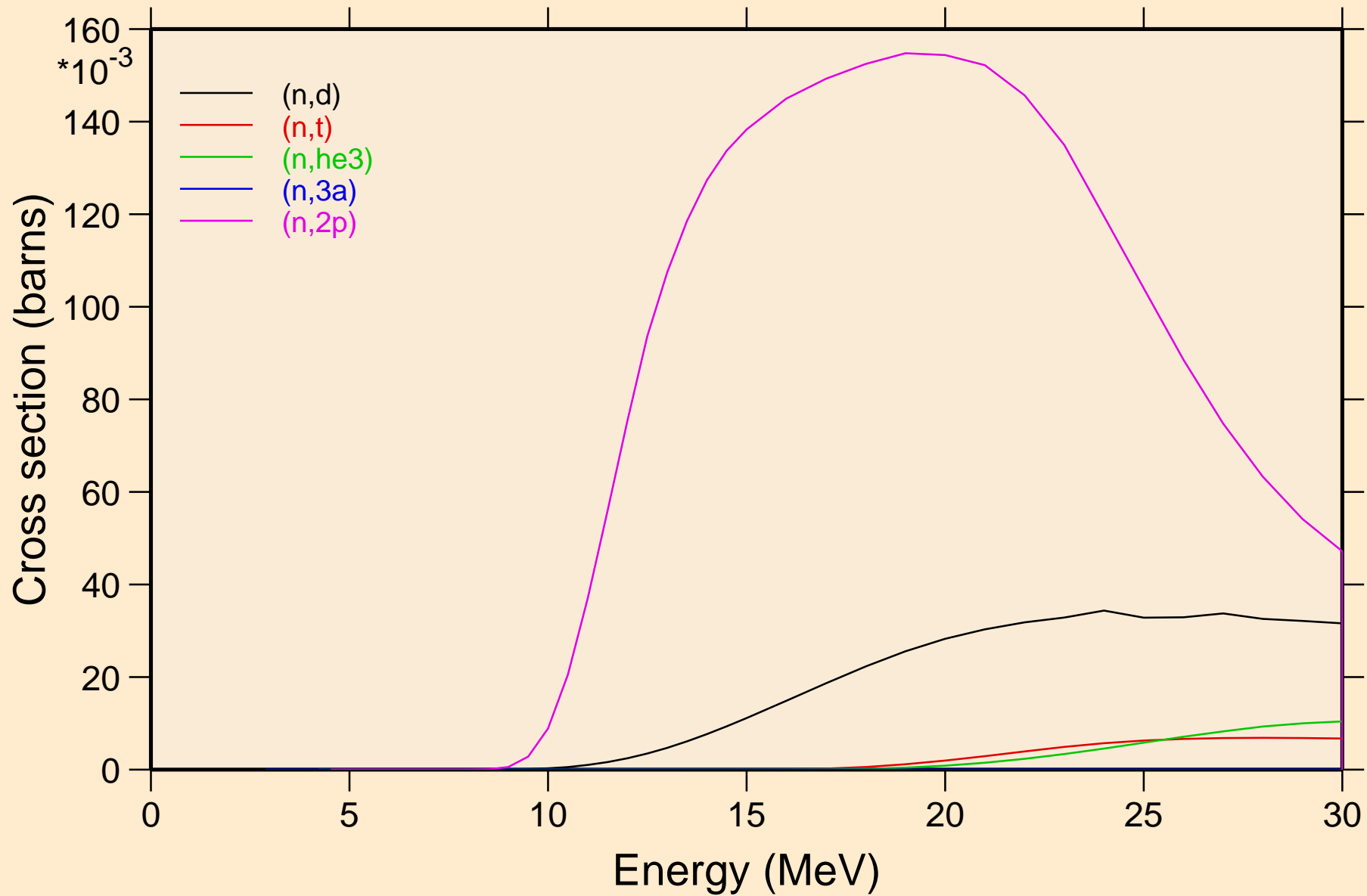


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



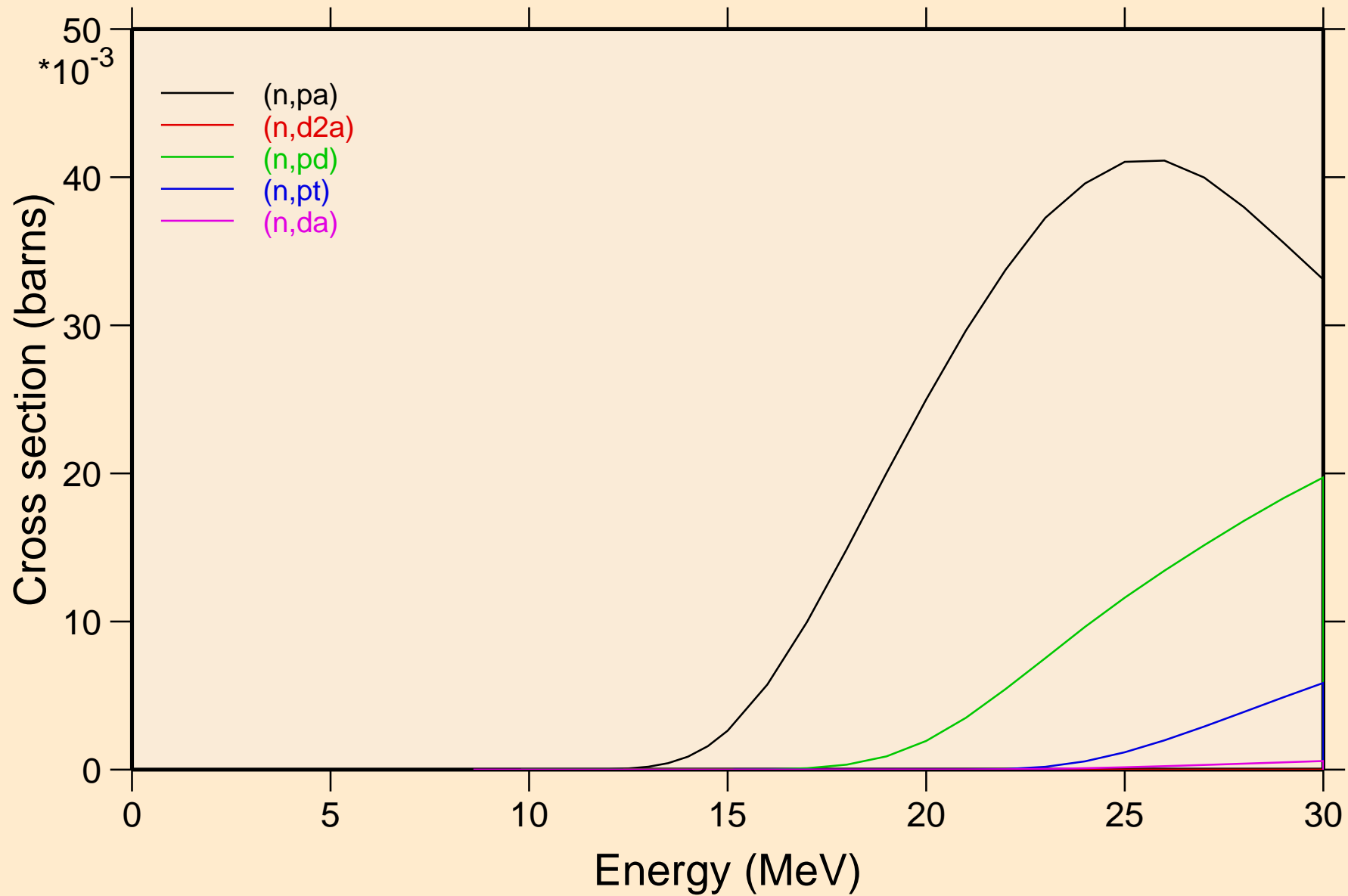
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



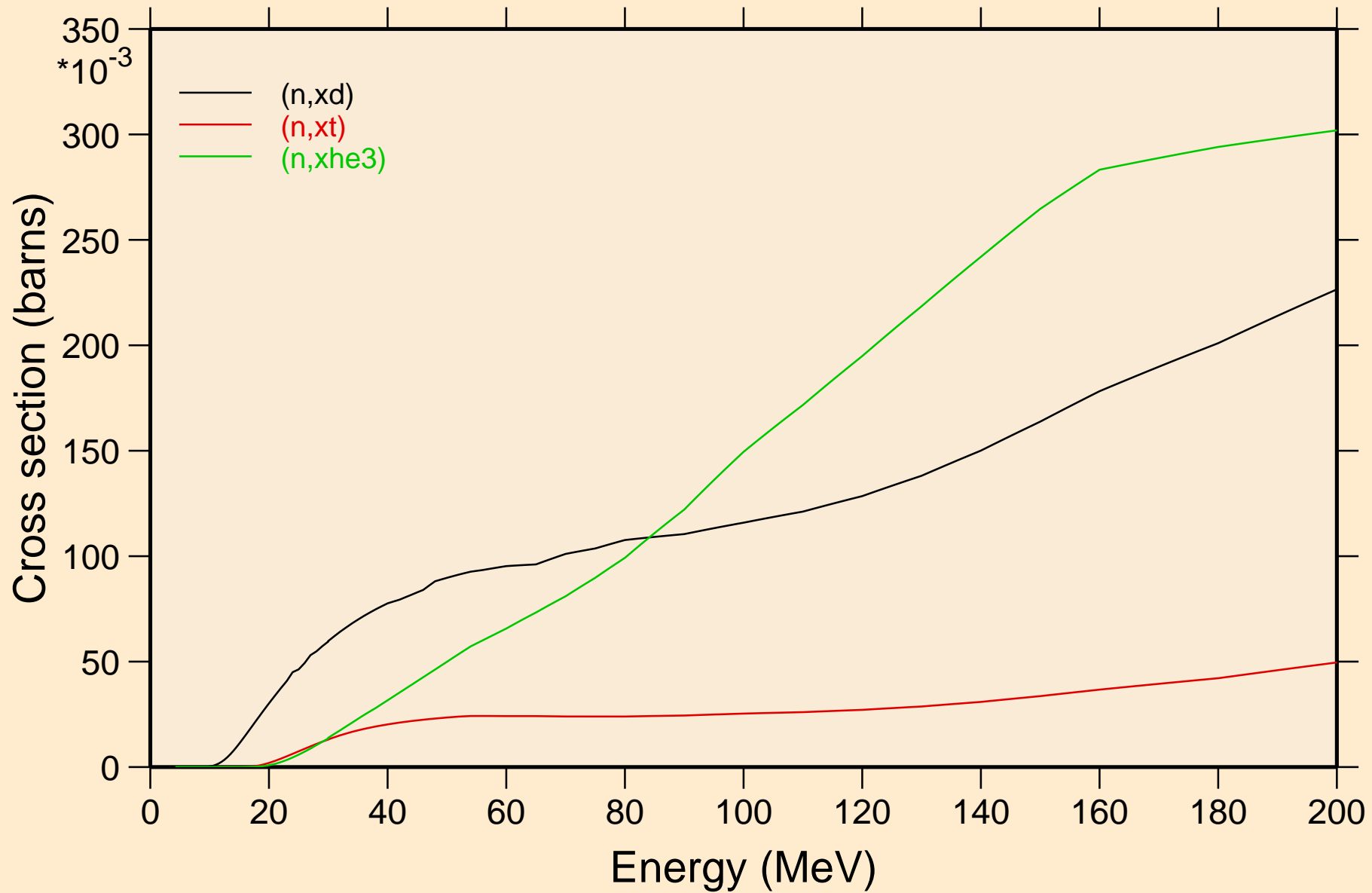
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



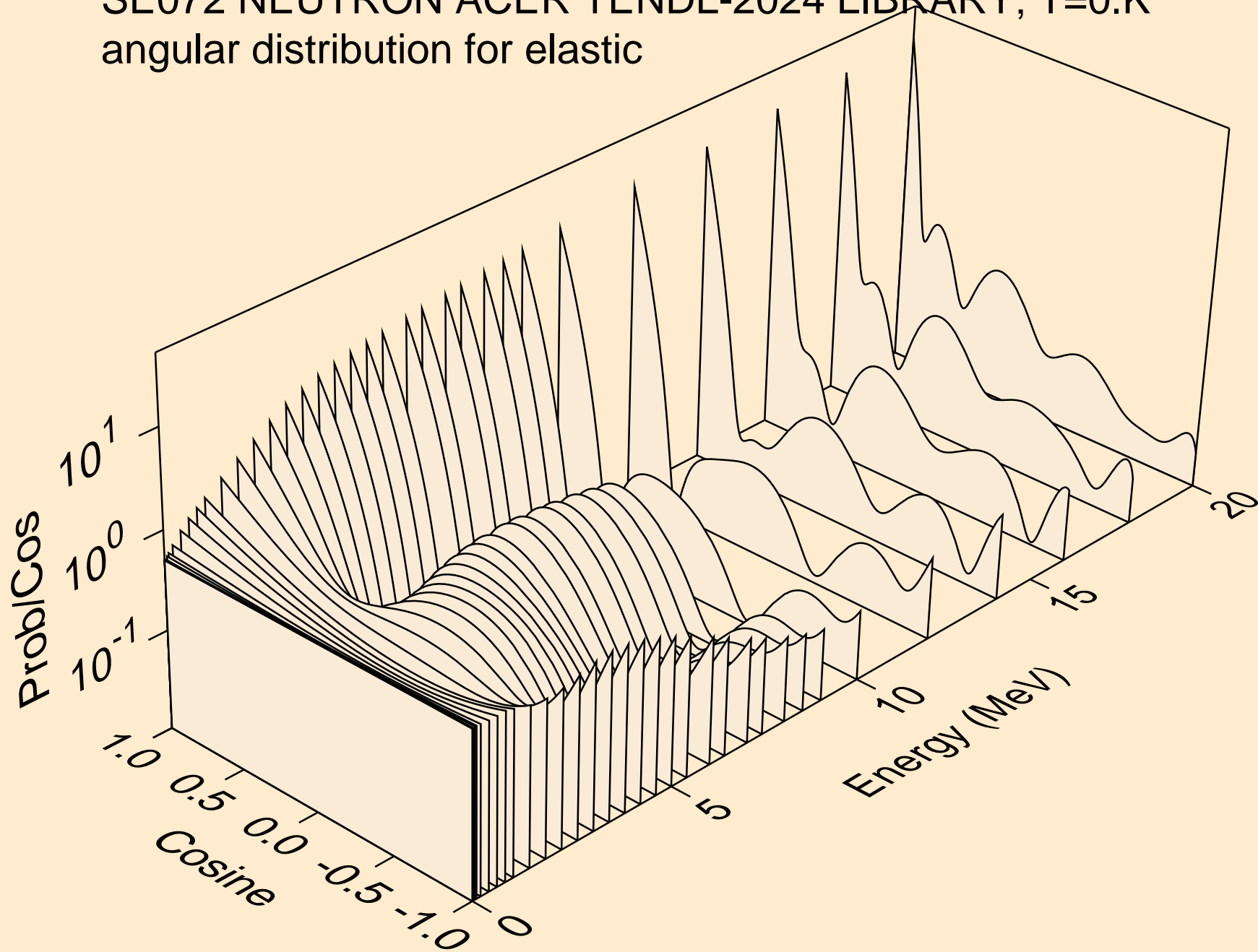
# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

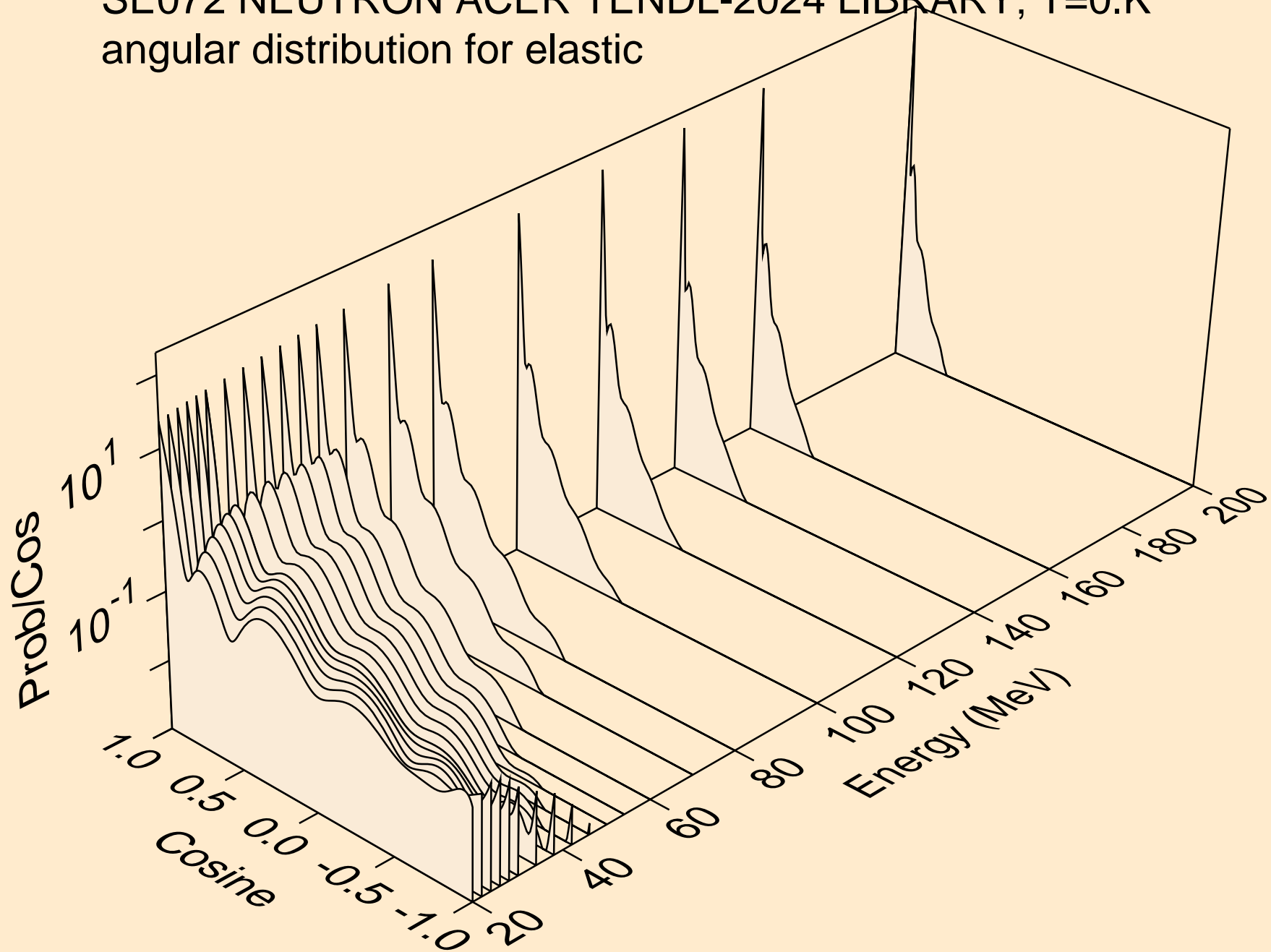




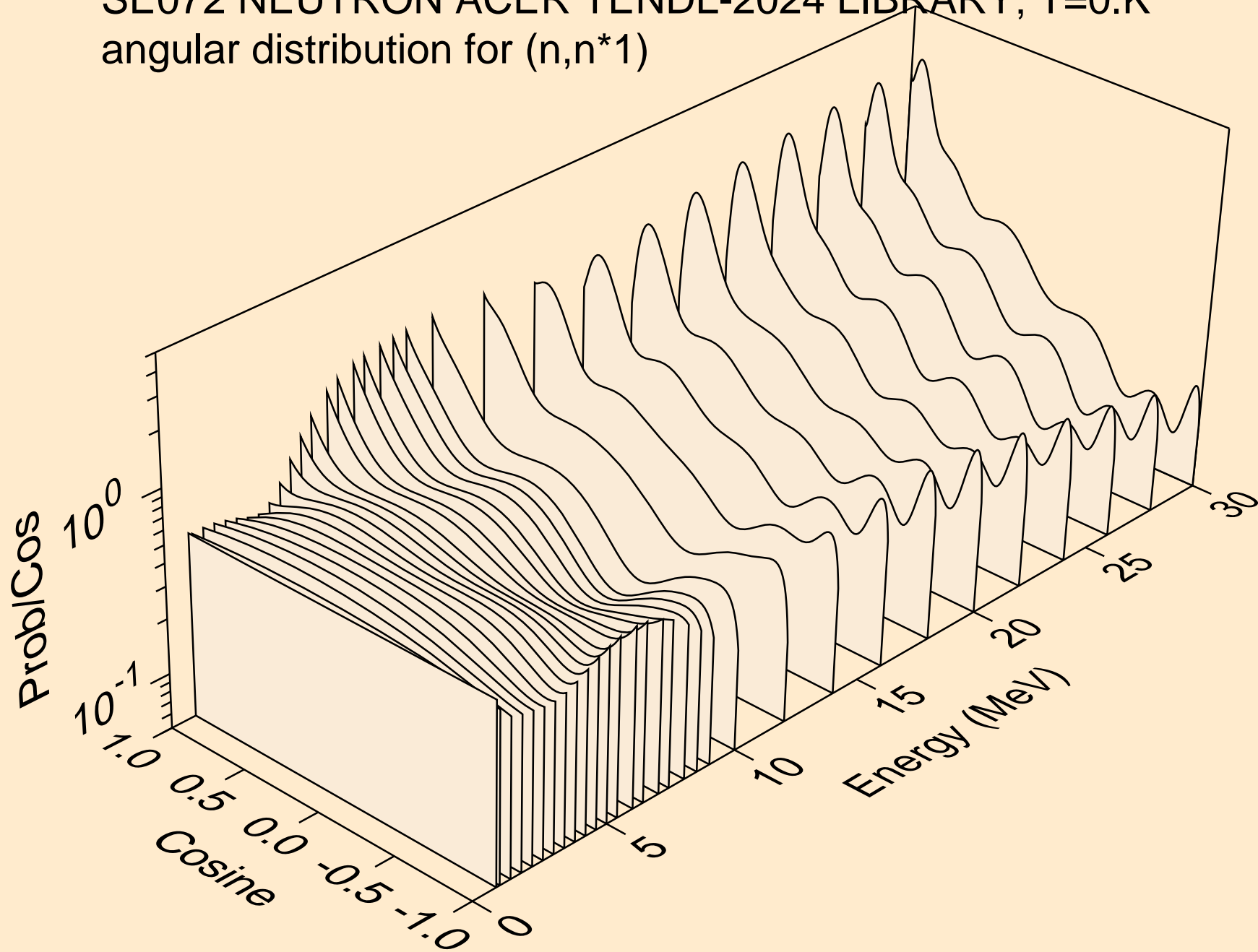
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



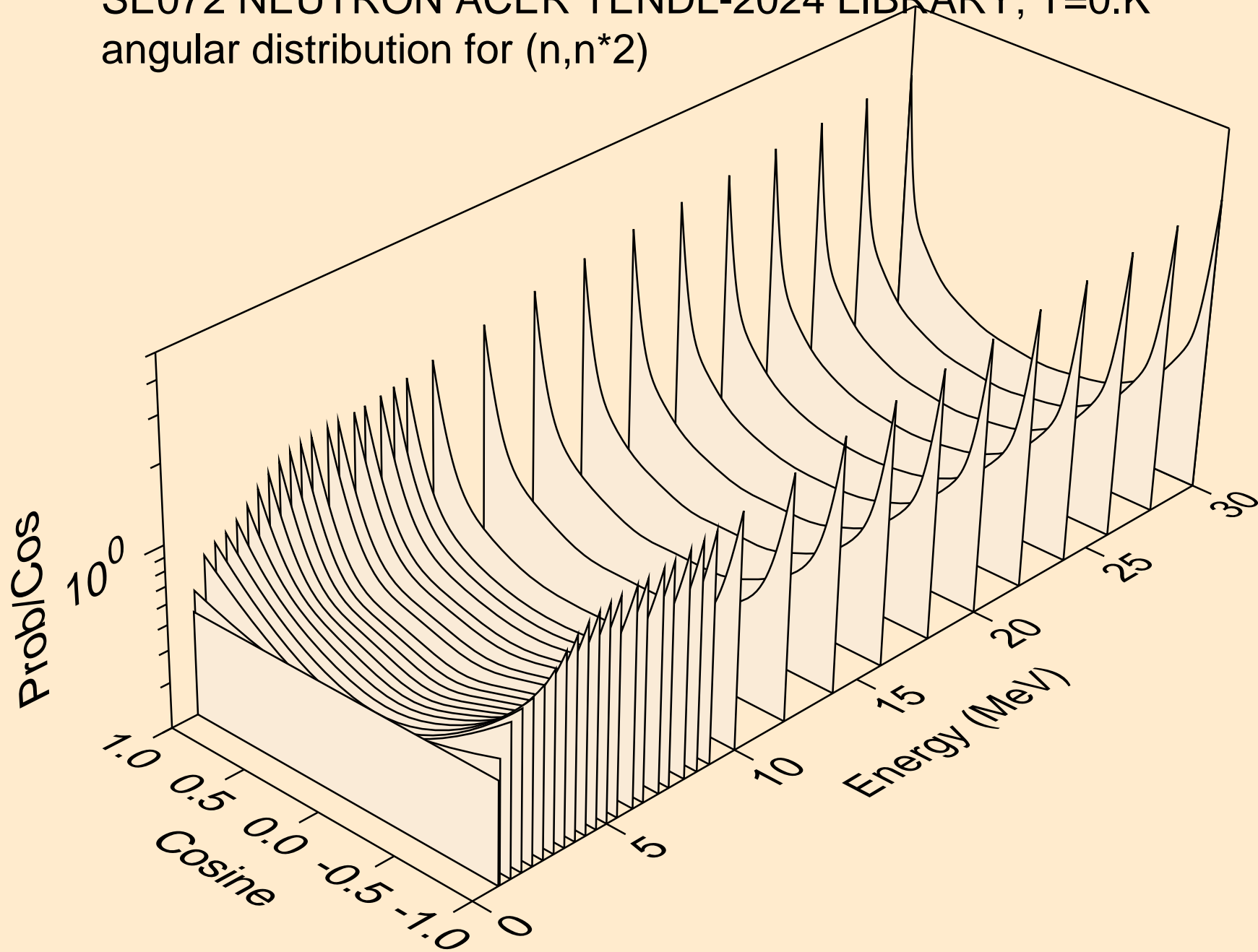
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



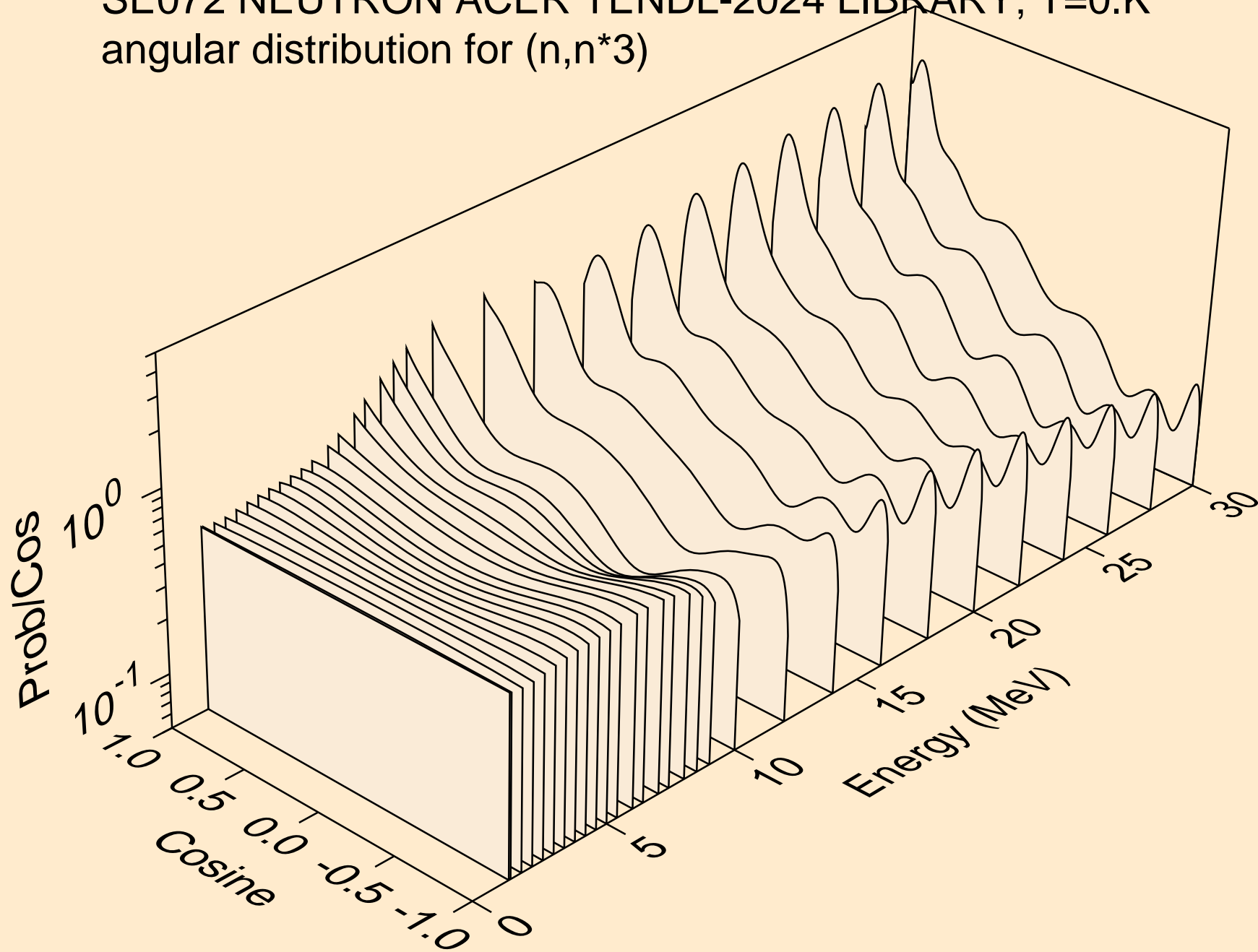
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



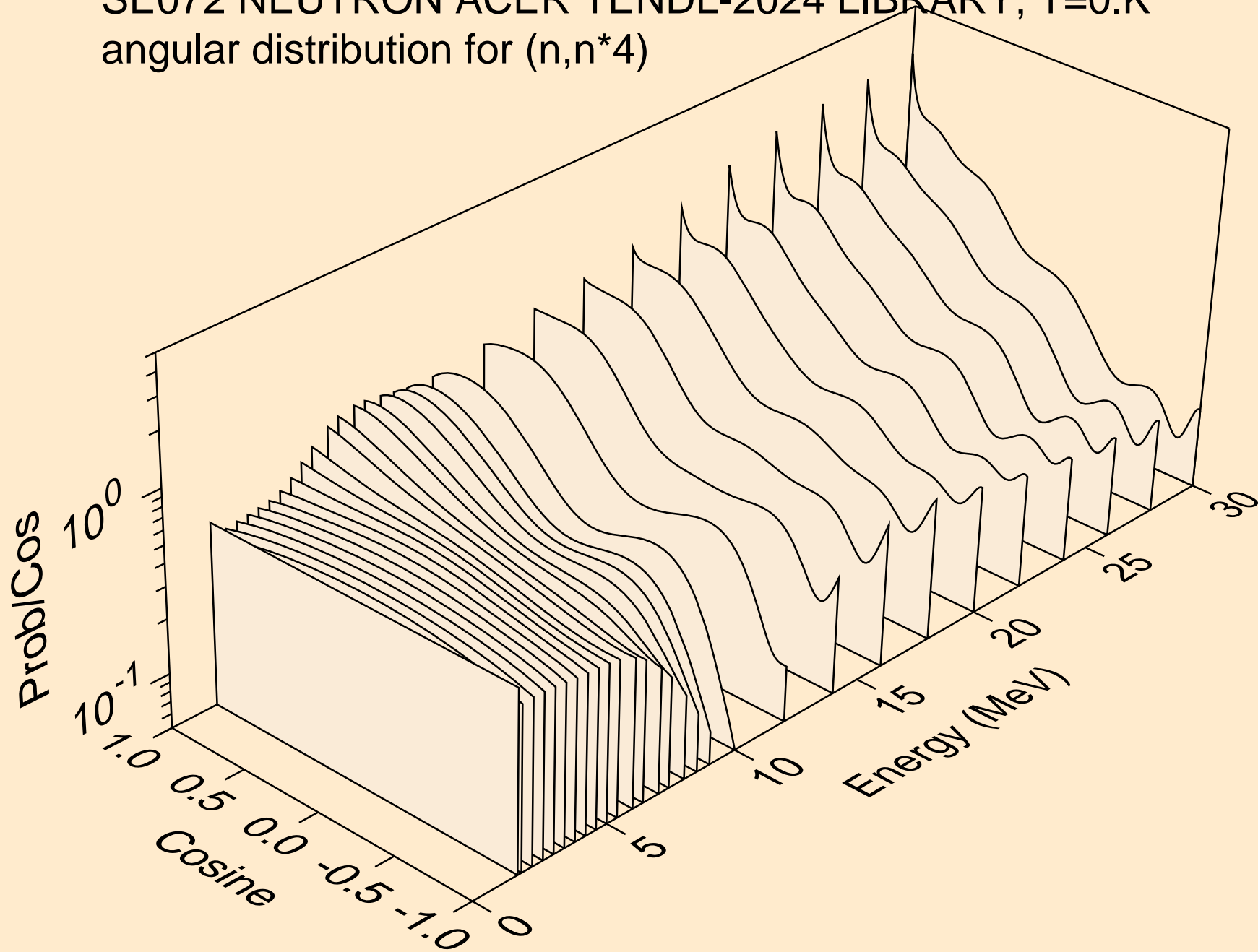
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angular distribution for (n,n\*2)



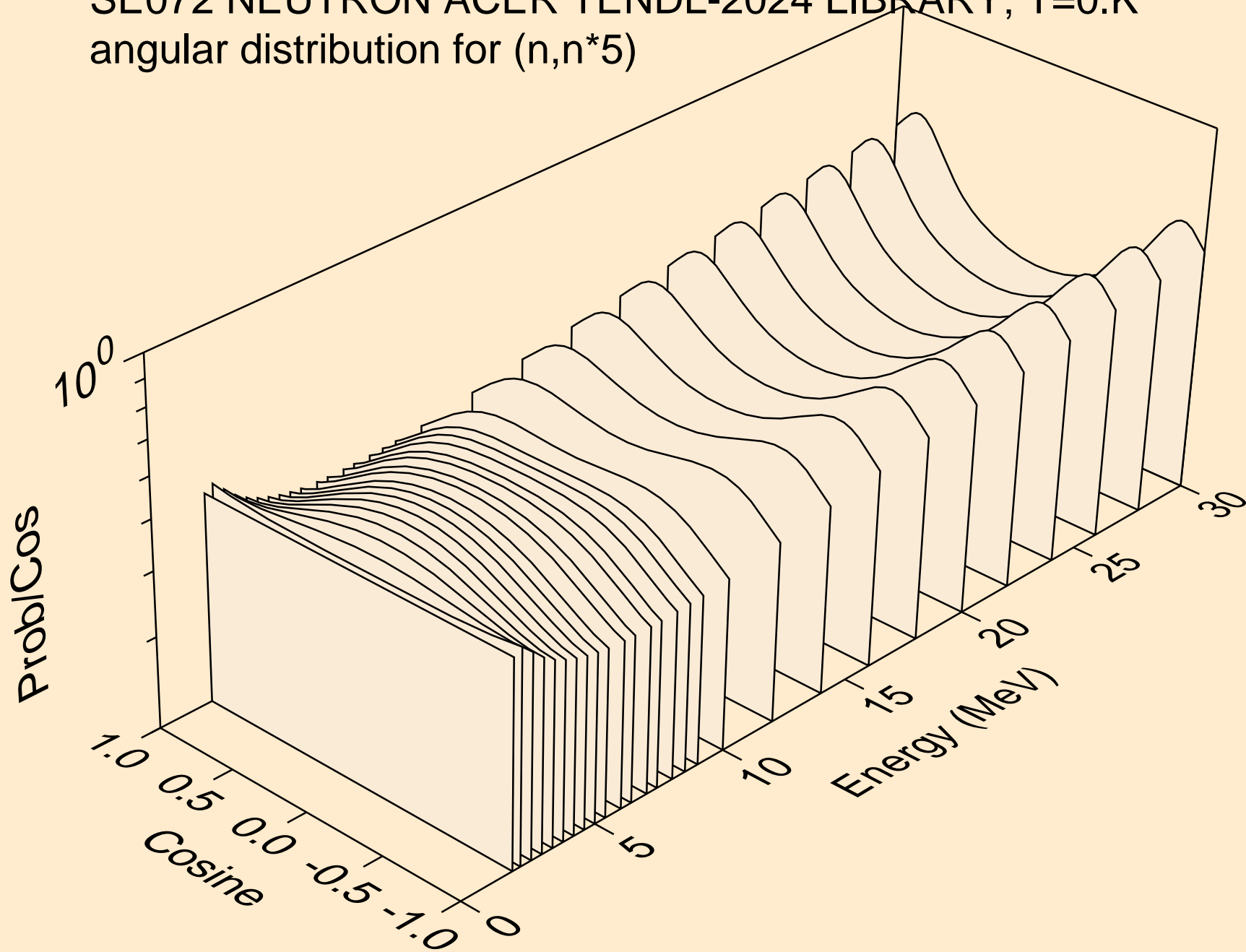
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angular distribution for (n,n\*3)



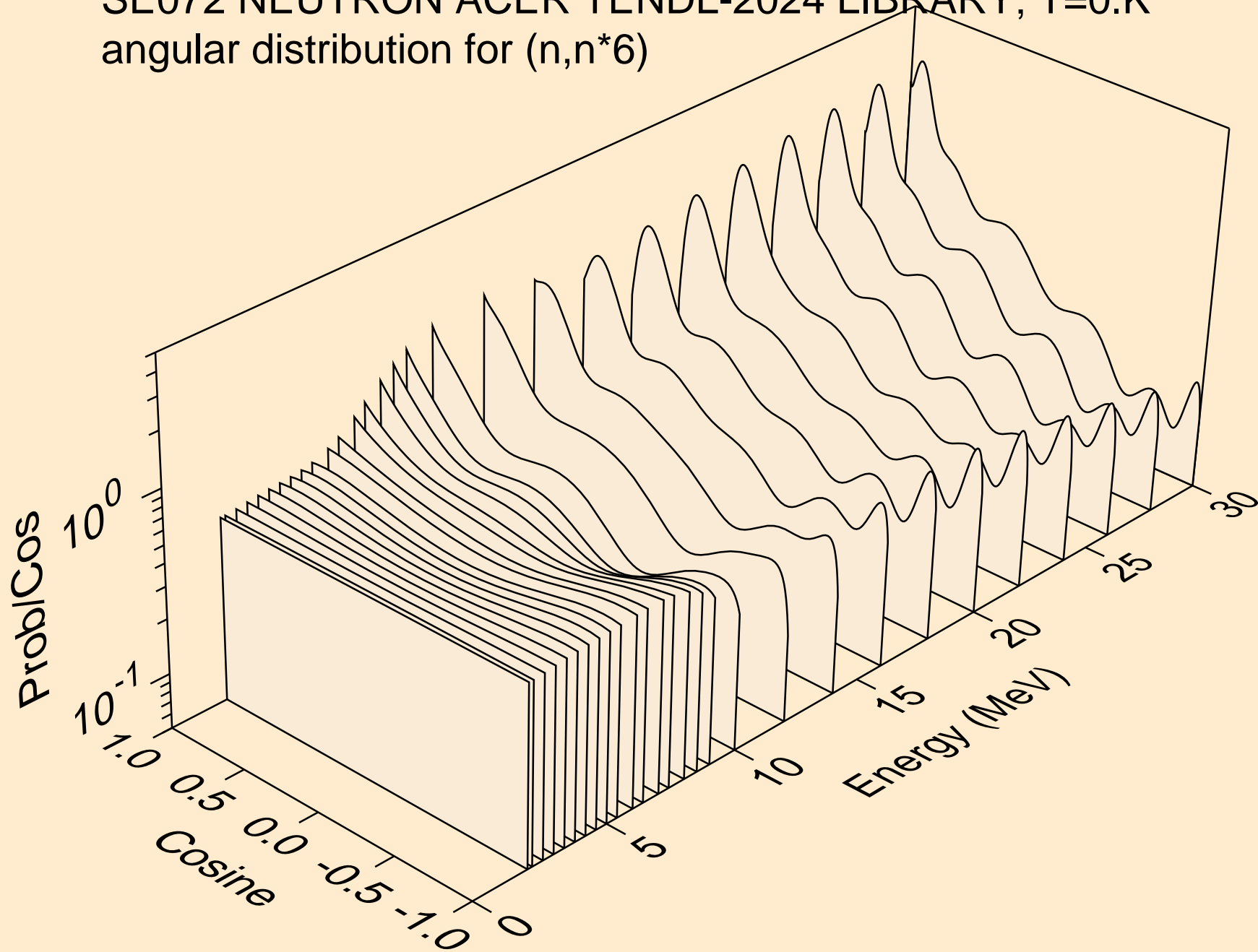
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

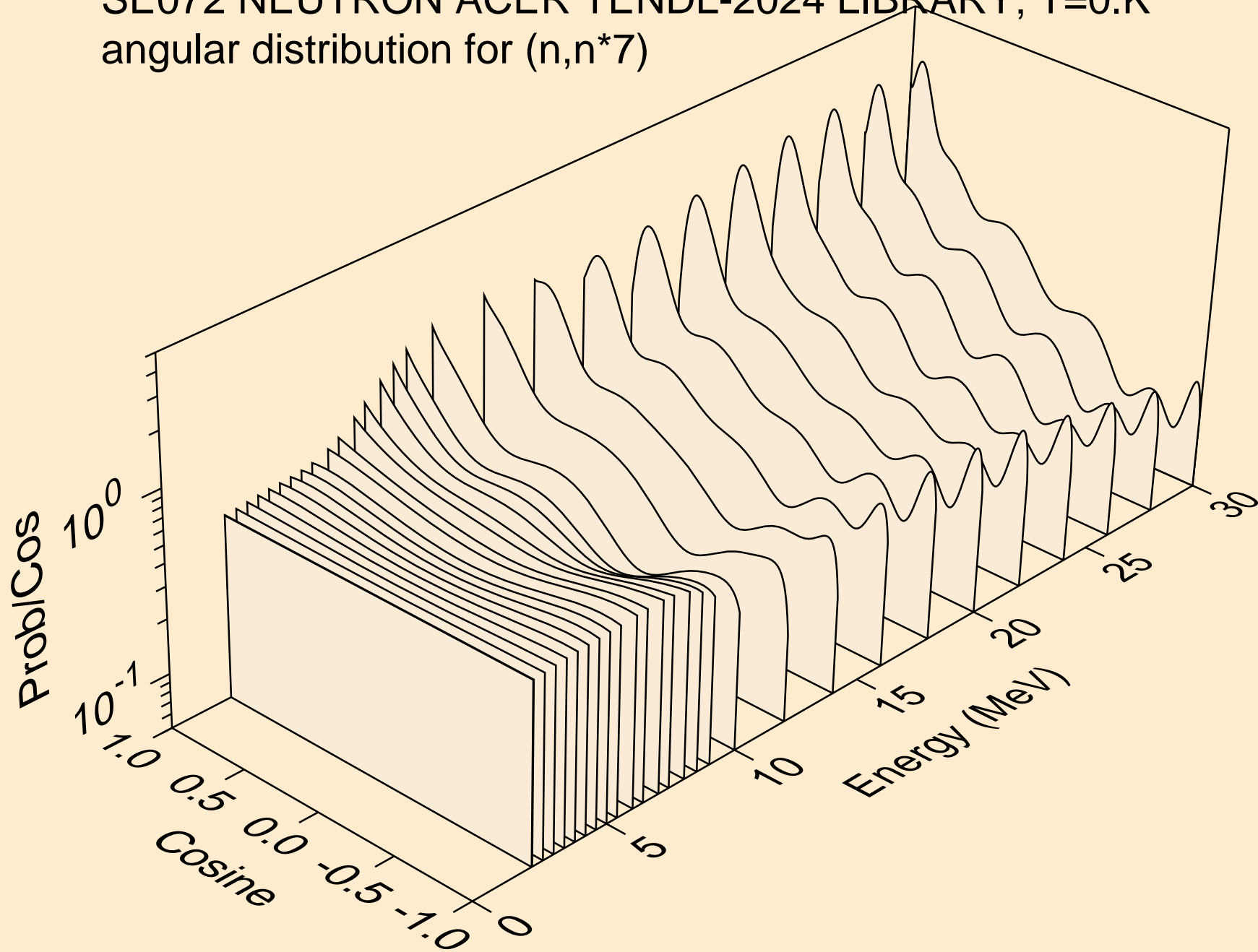


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

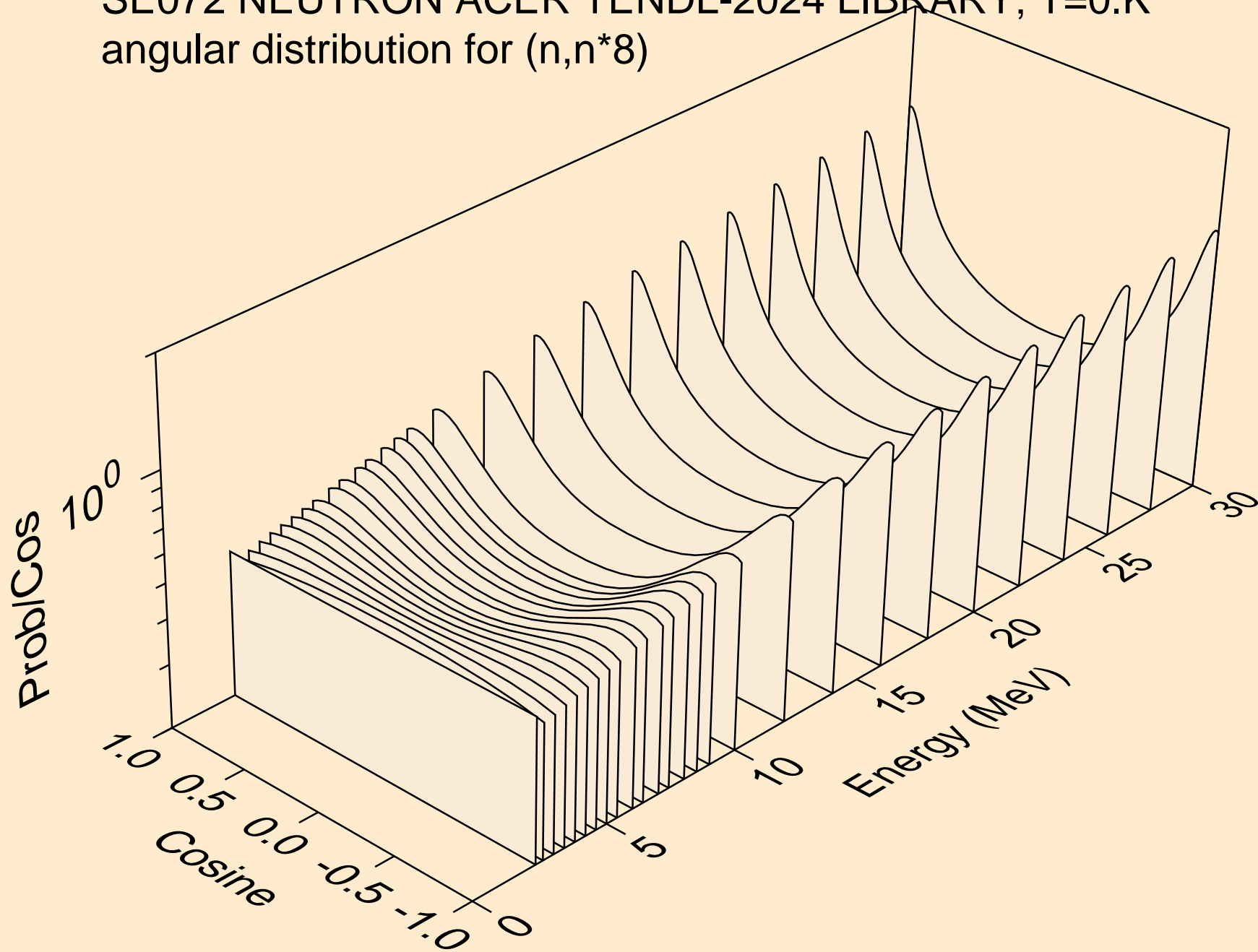




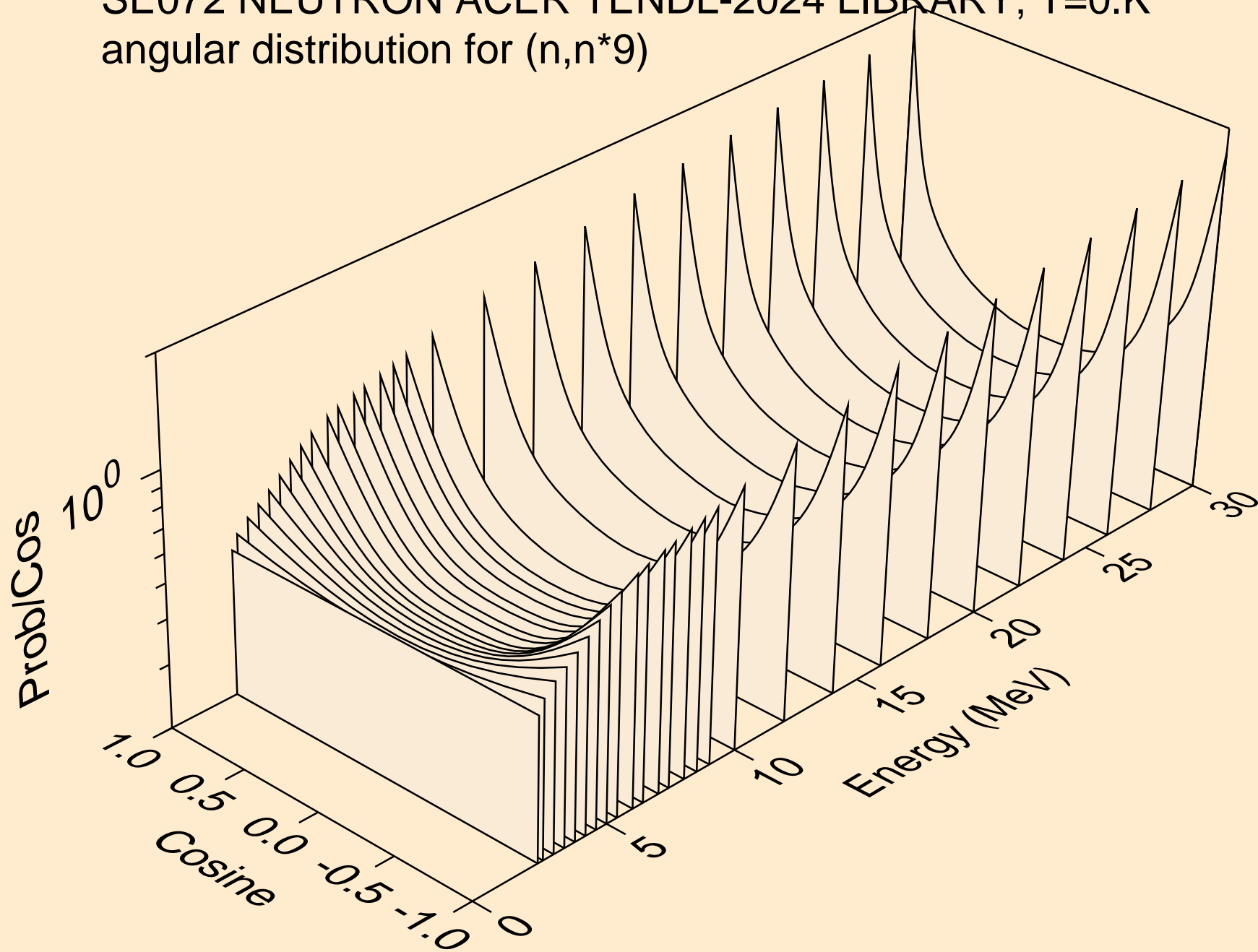
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angular distribution for (n,n\*7)



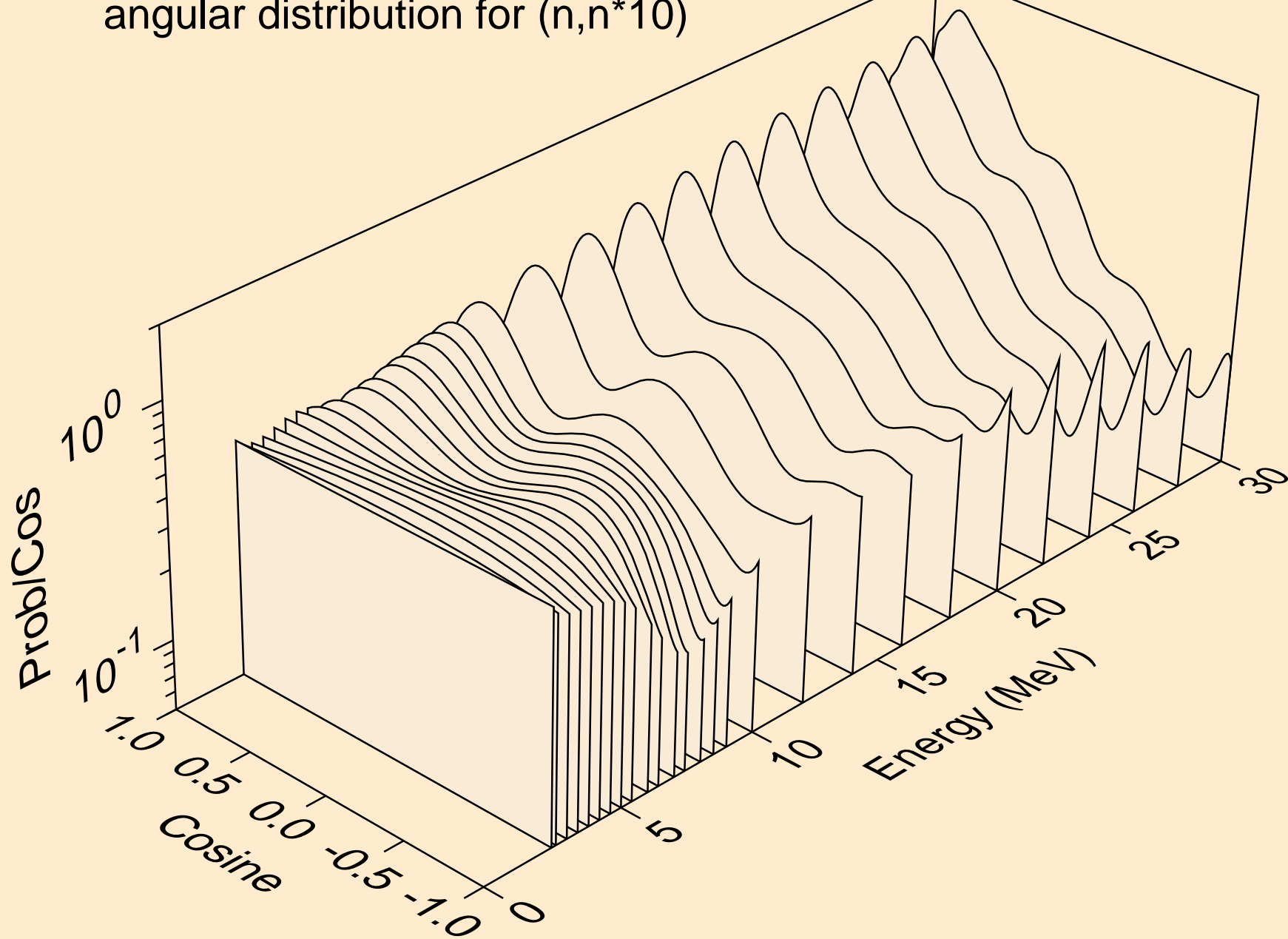
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angular distribution for (n,n\*8)



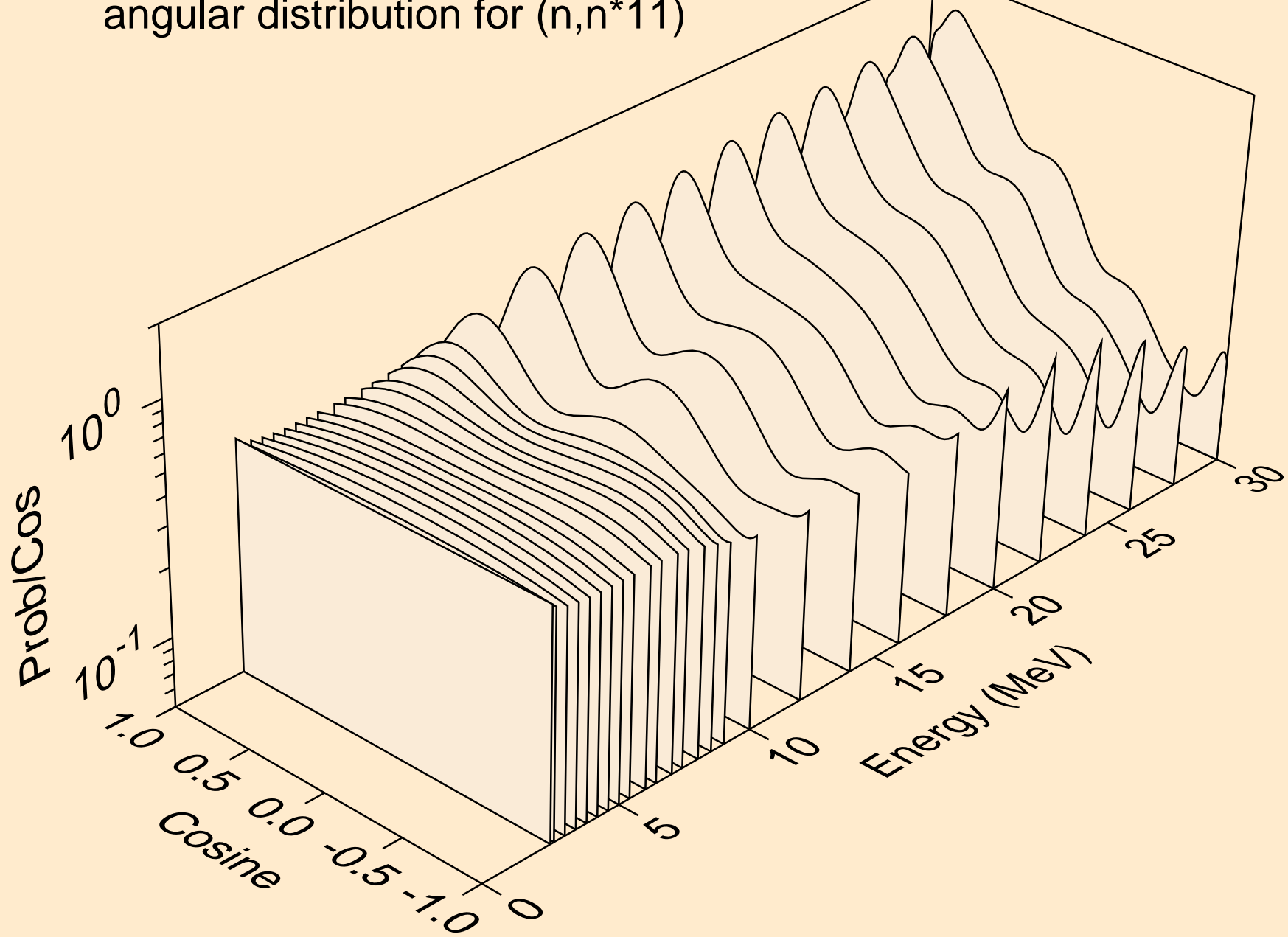
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angular distribution for (n,n\*9)



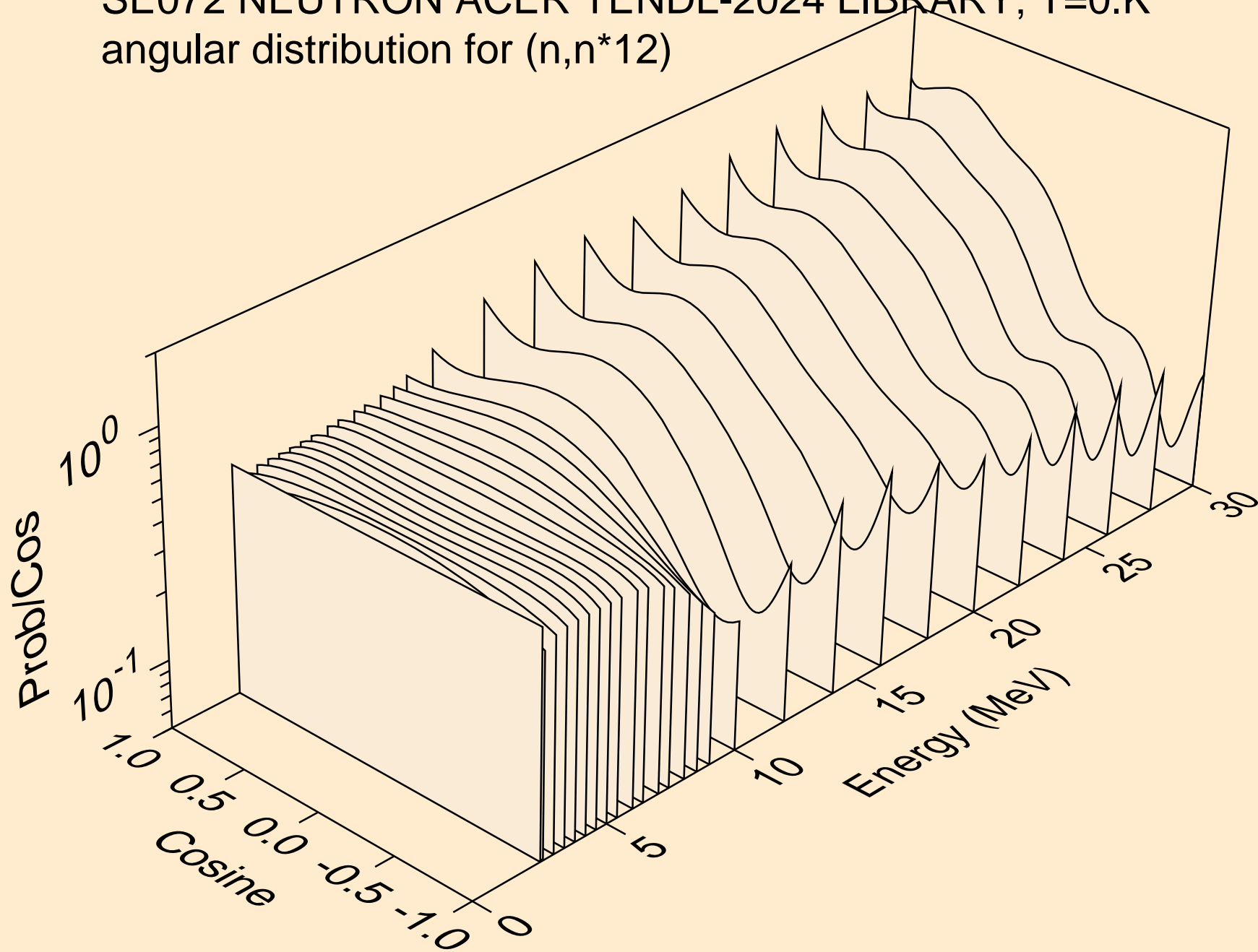
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angular distribution for (n,n\*10)



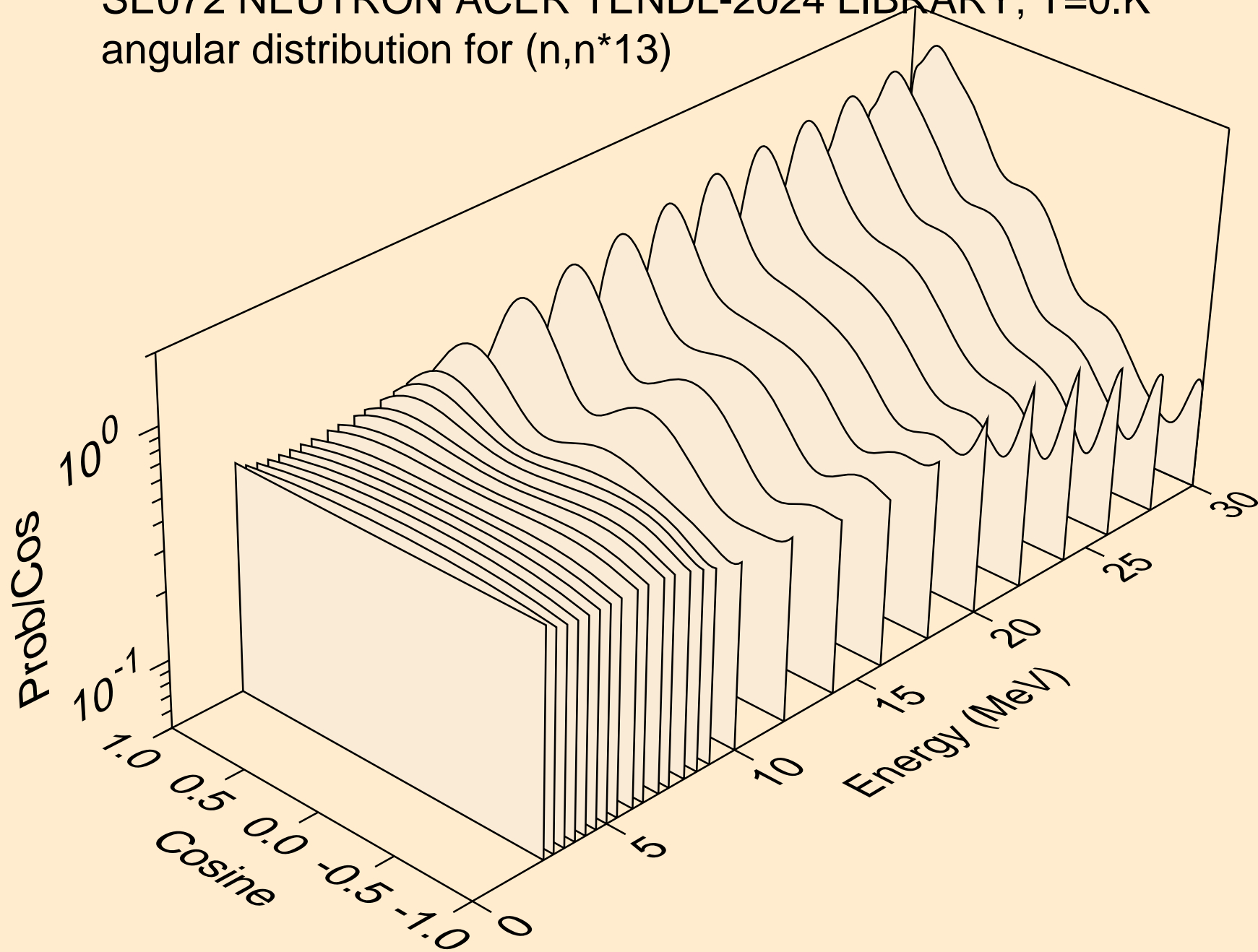
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angular distribution for (n,n\*11)



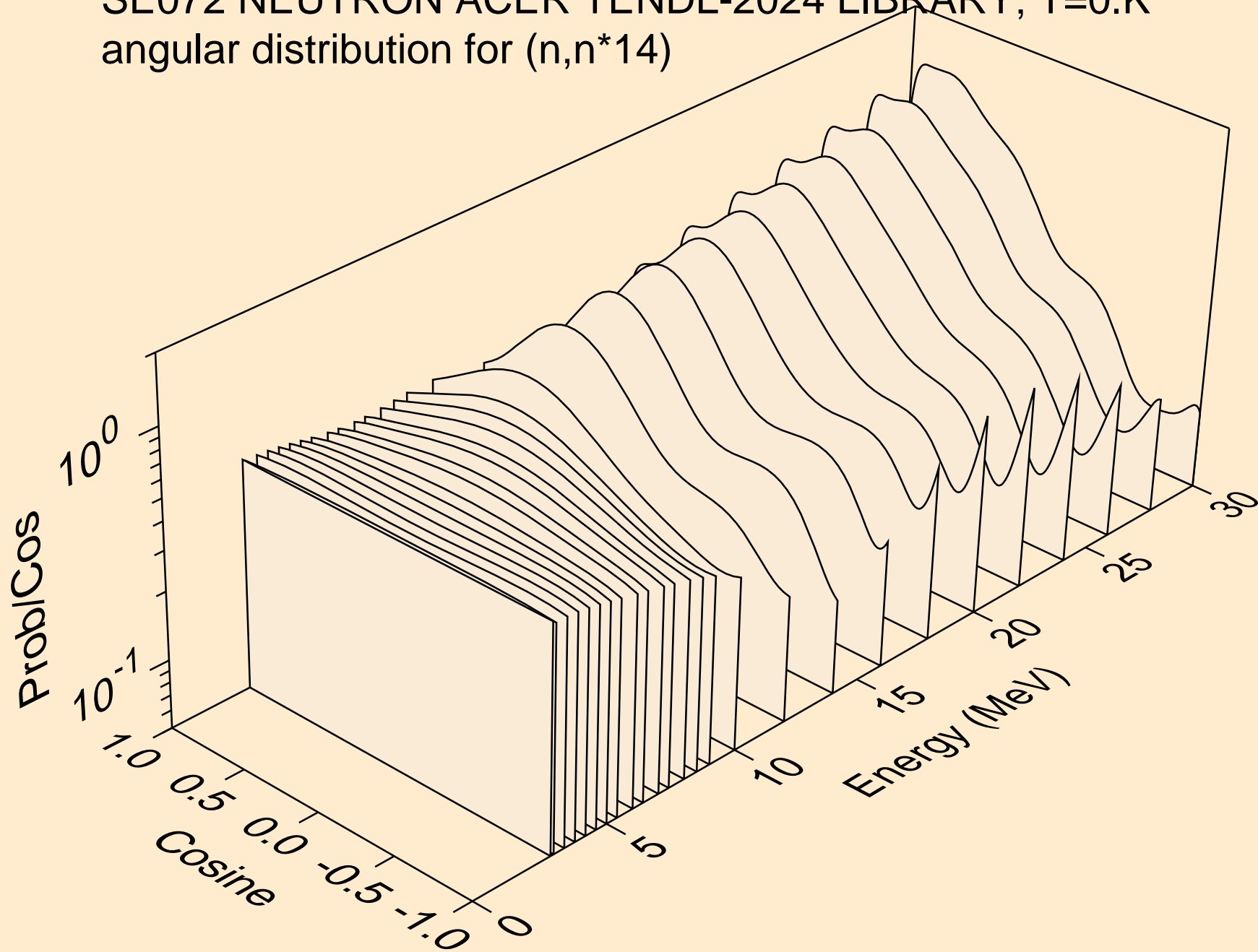
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

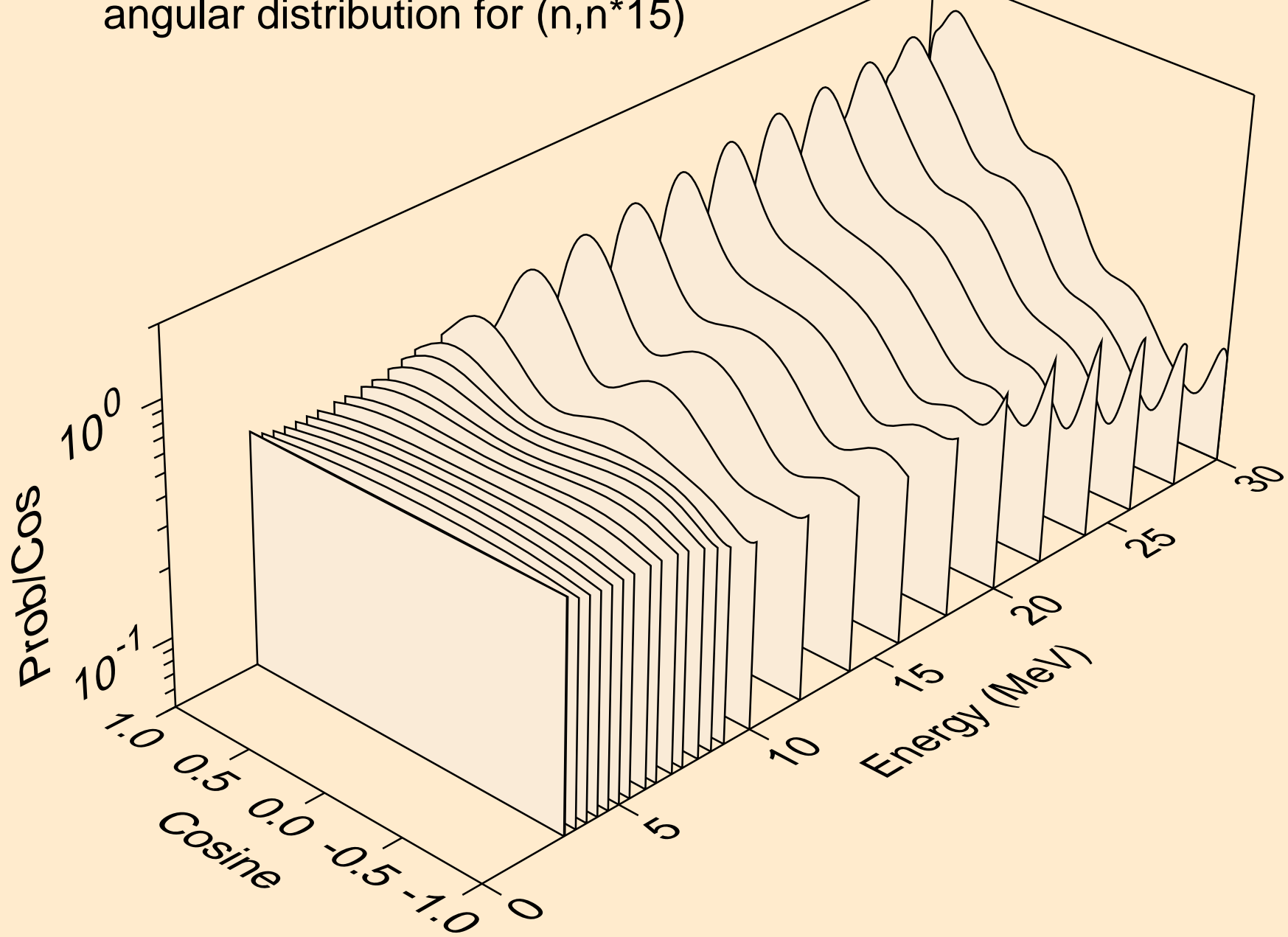


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

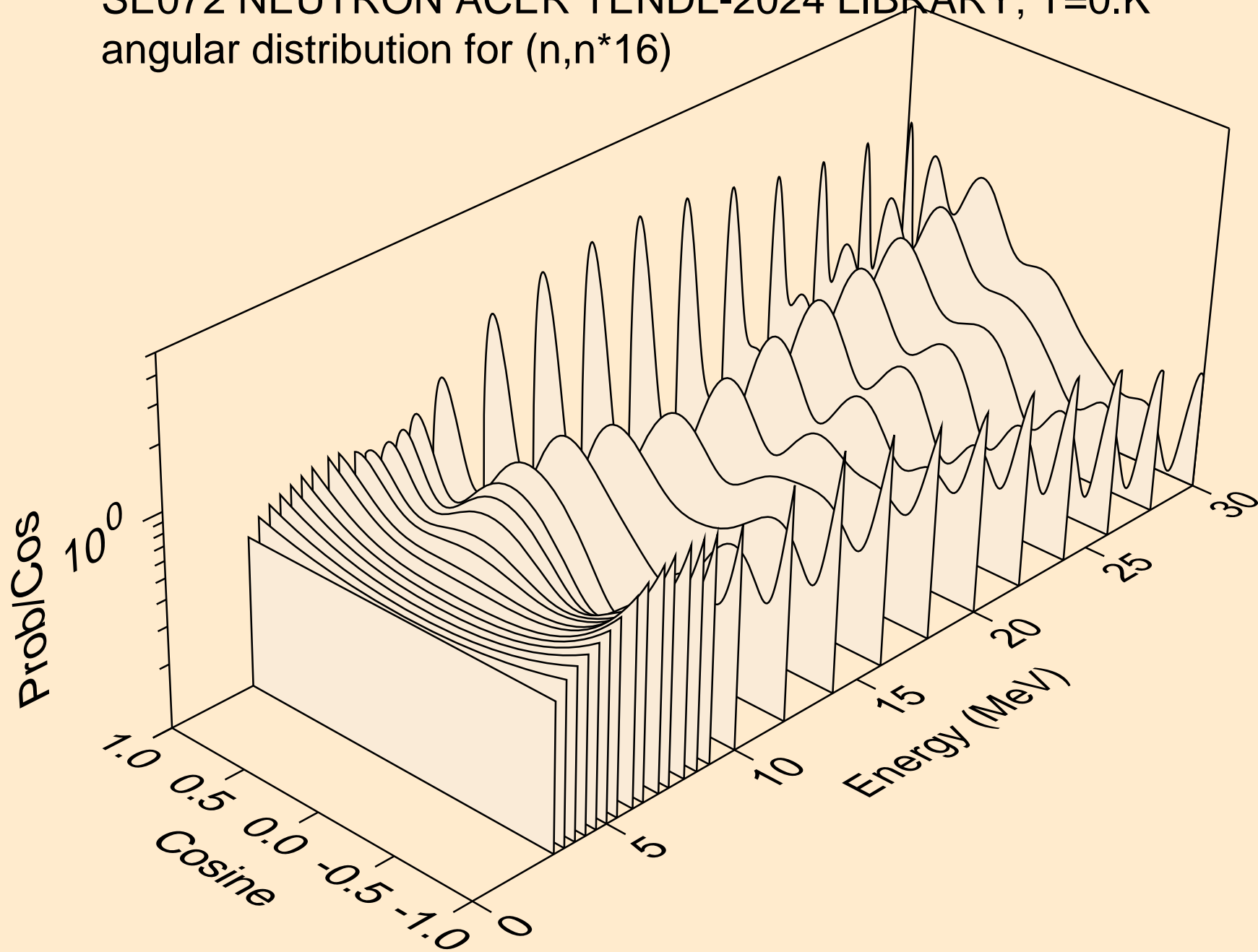




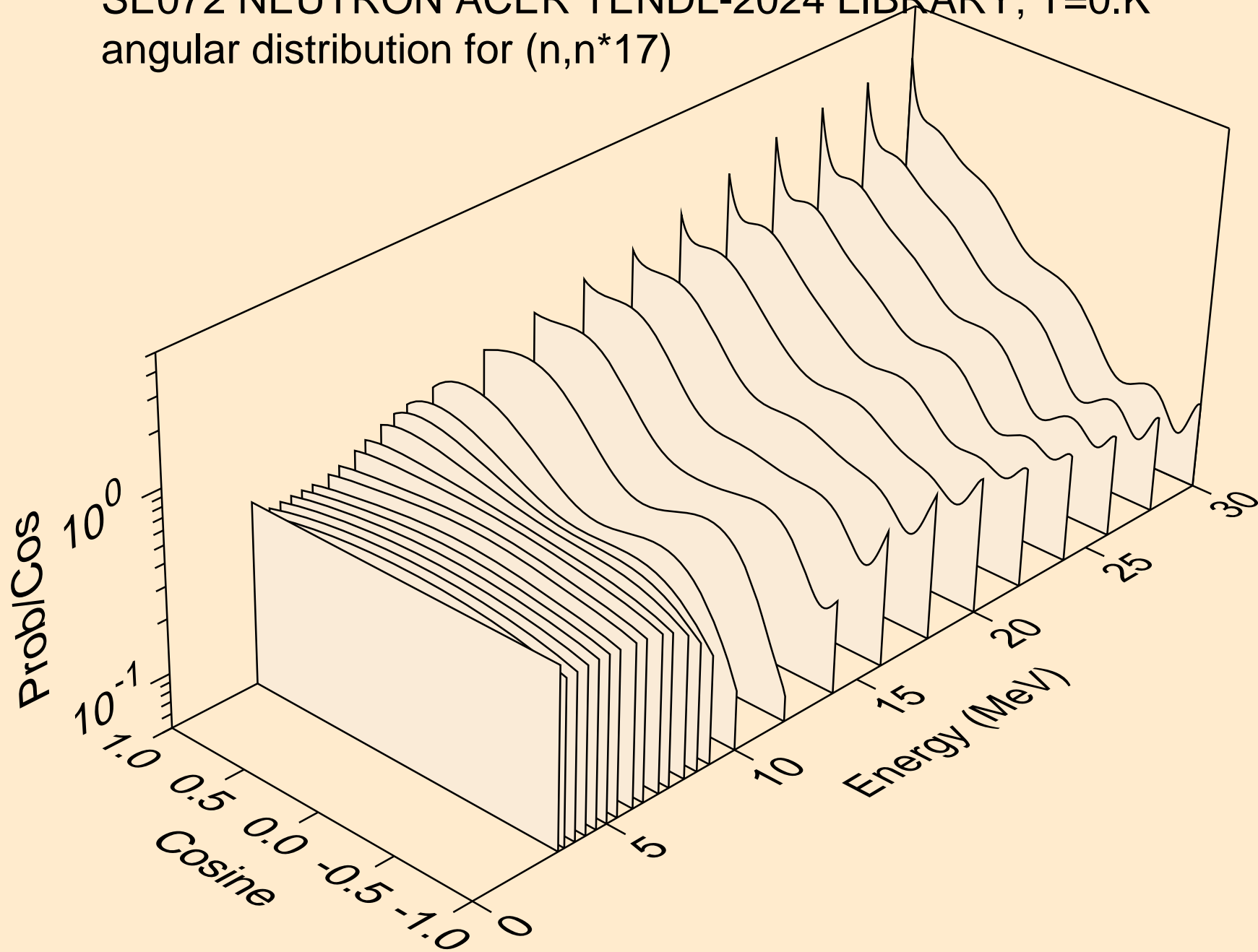
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angular distribution for (n,n\*15)



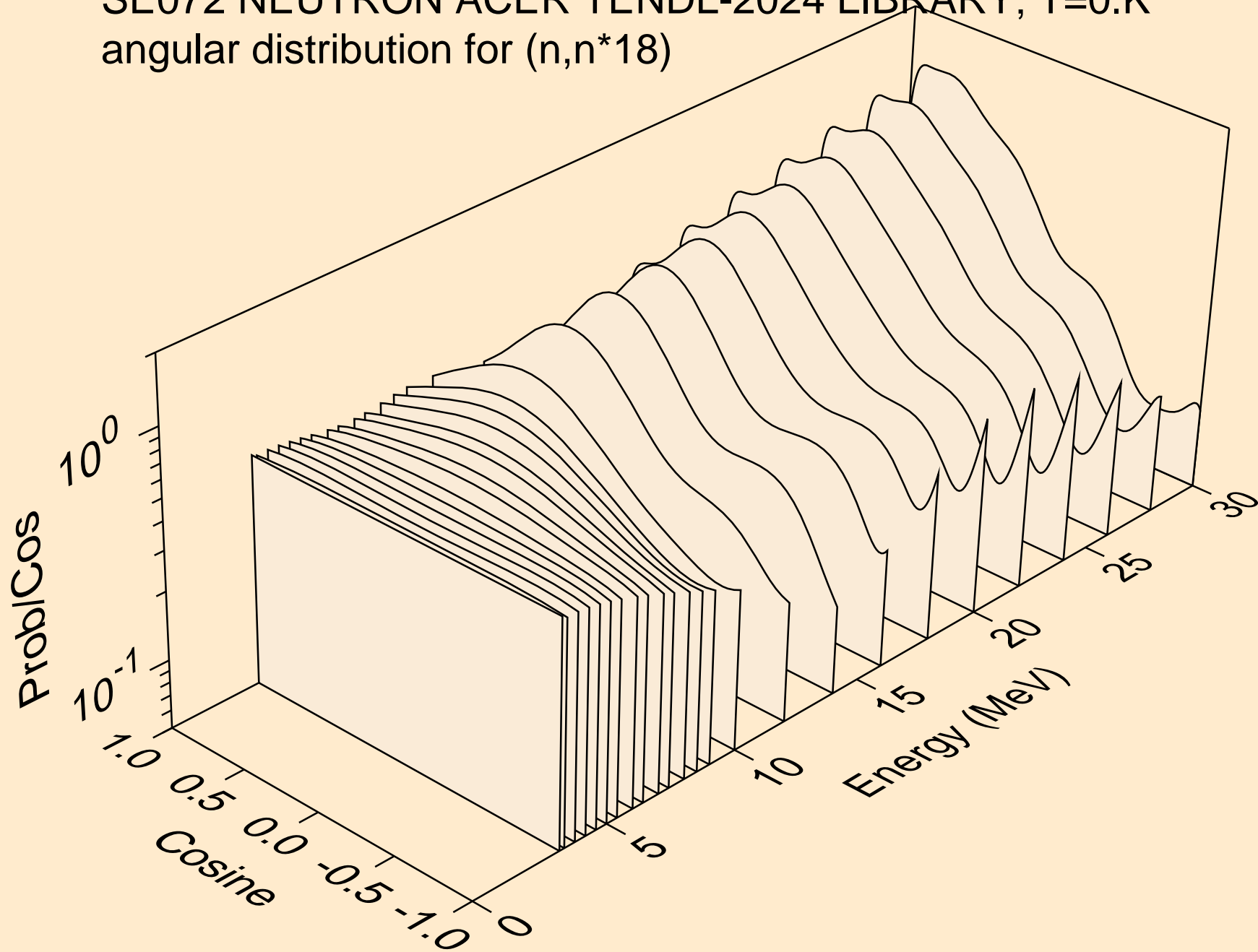
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angular distribution for (n,n\*16)



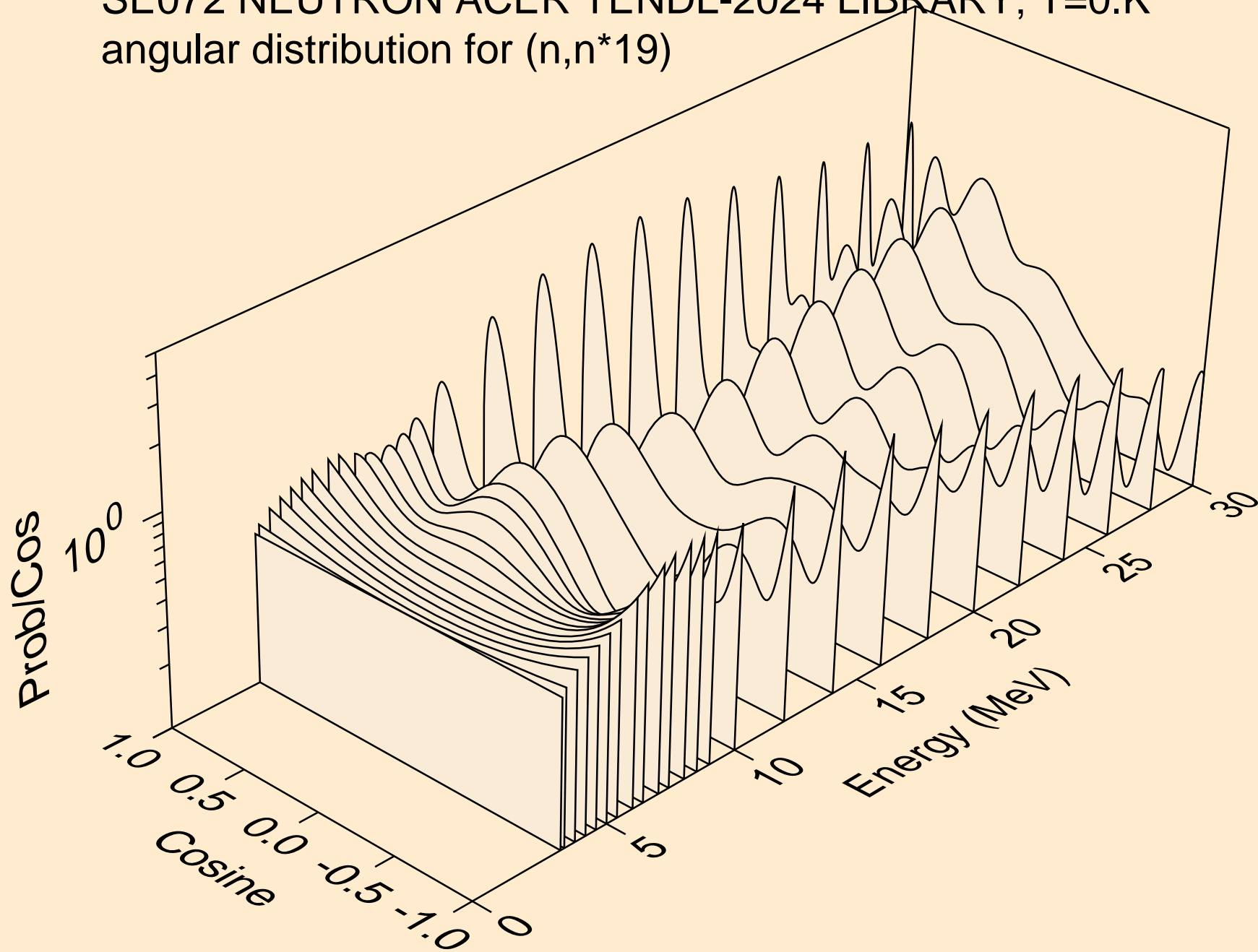
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angular distribution for (n,n\*17)



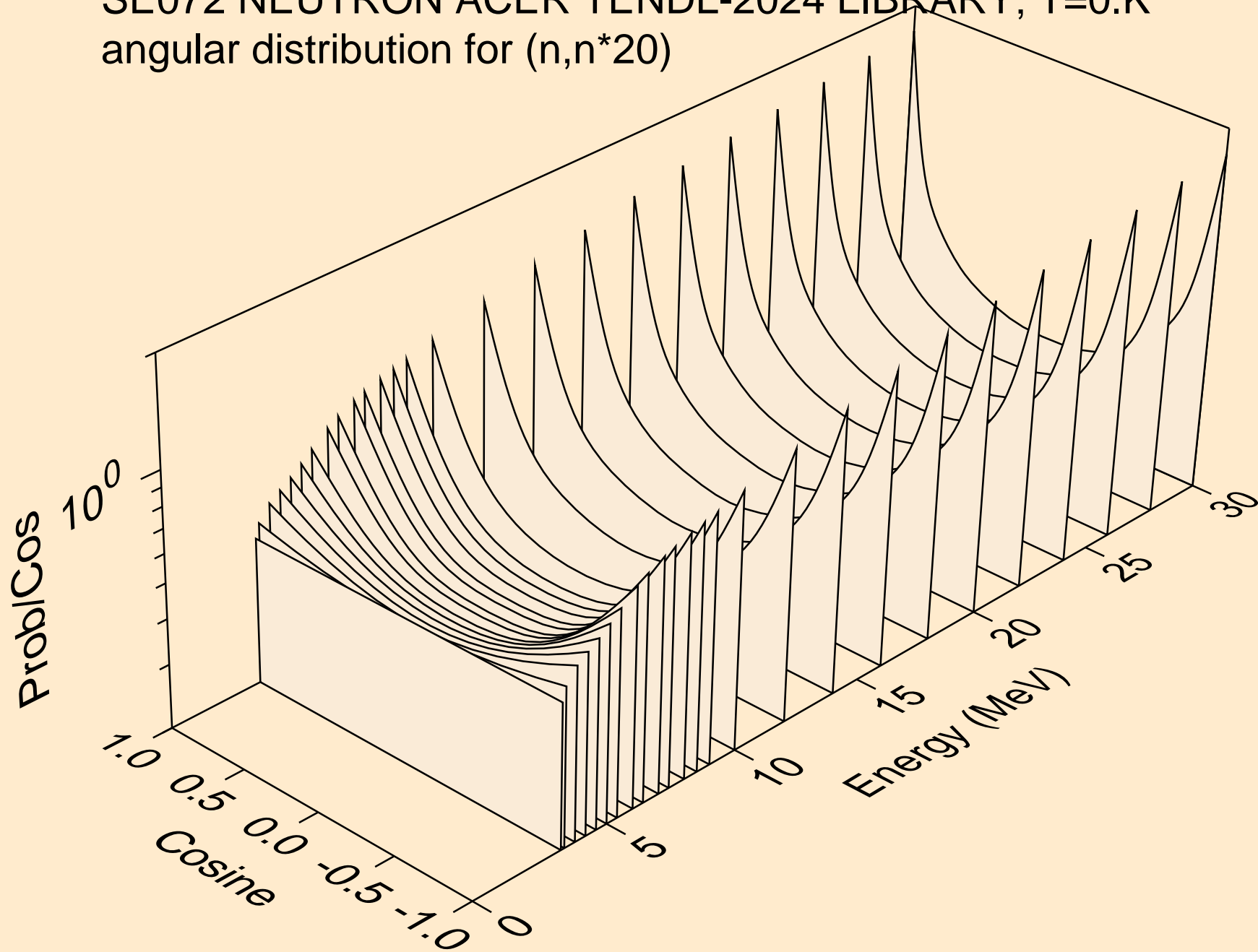
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angular distribution for (n,n\*18)



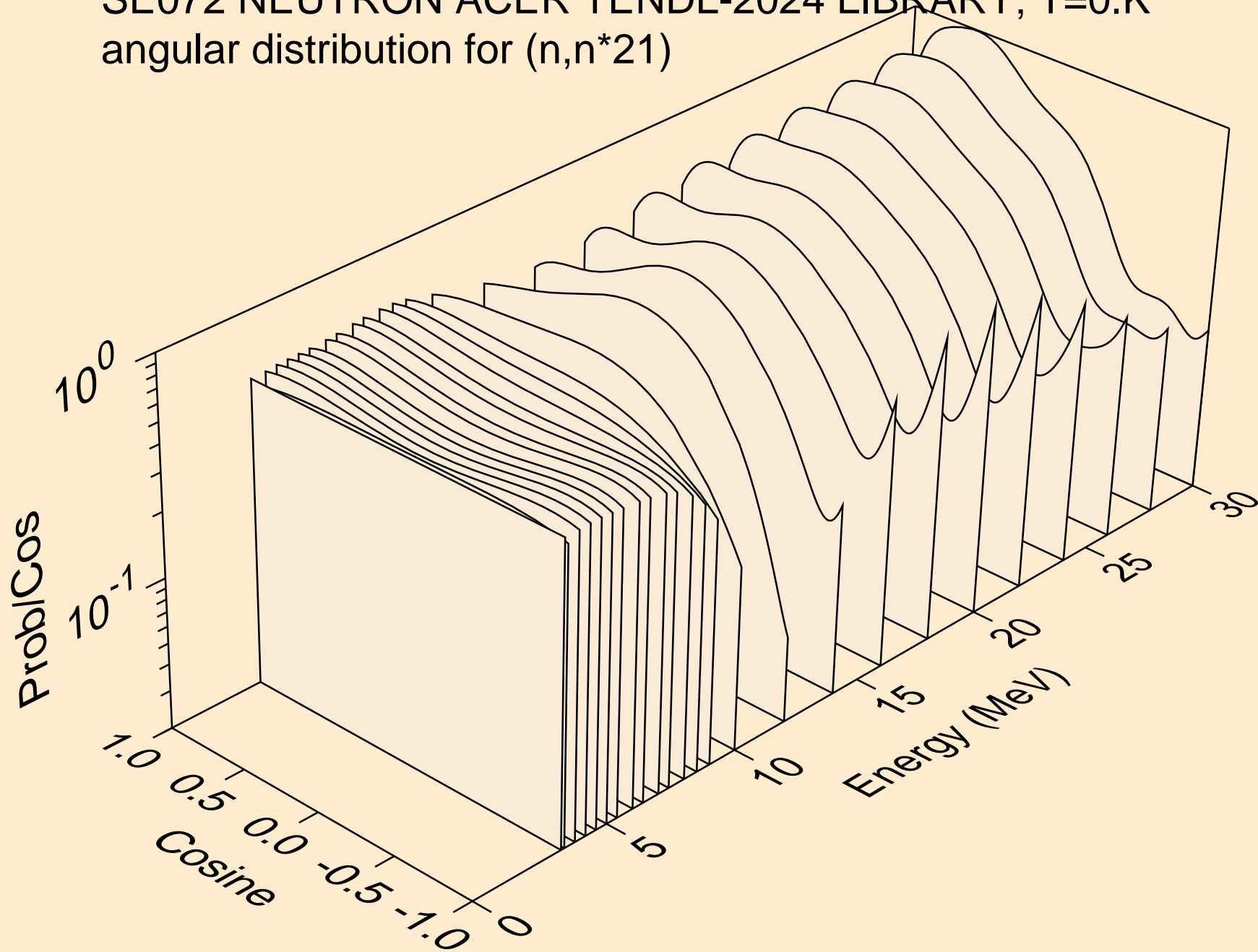
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



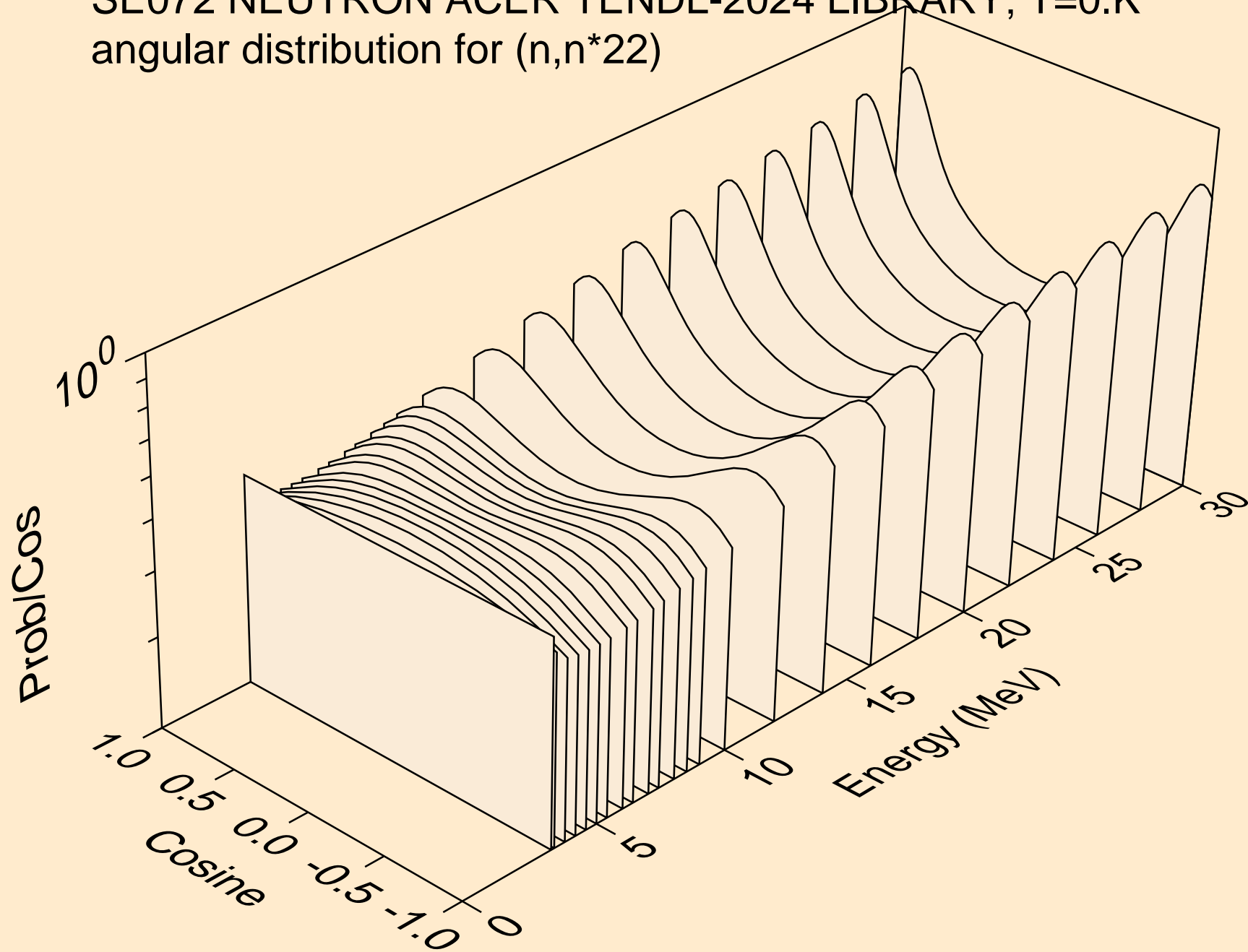
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

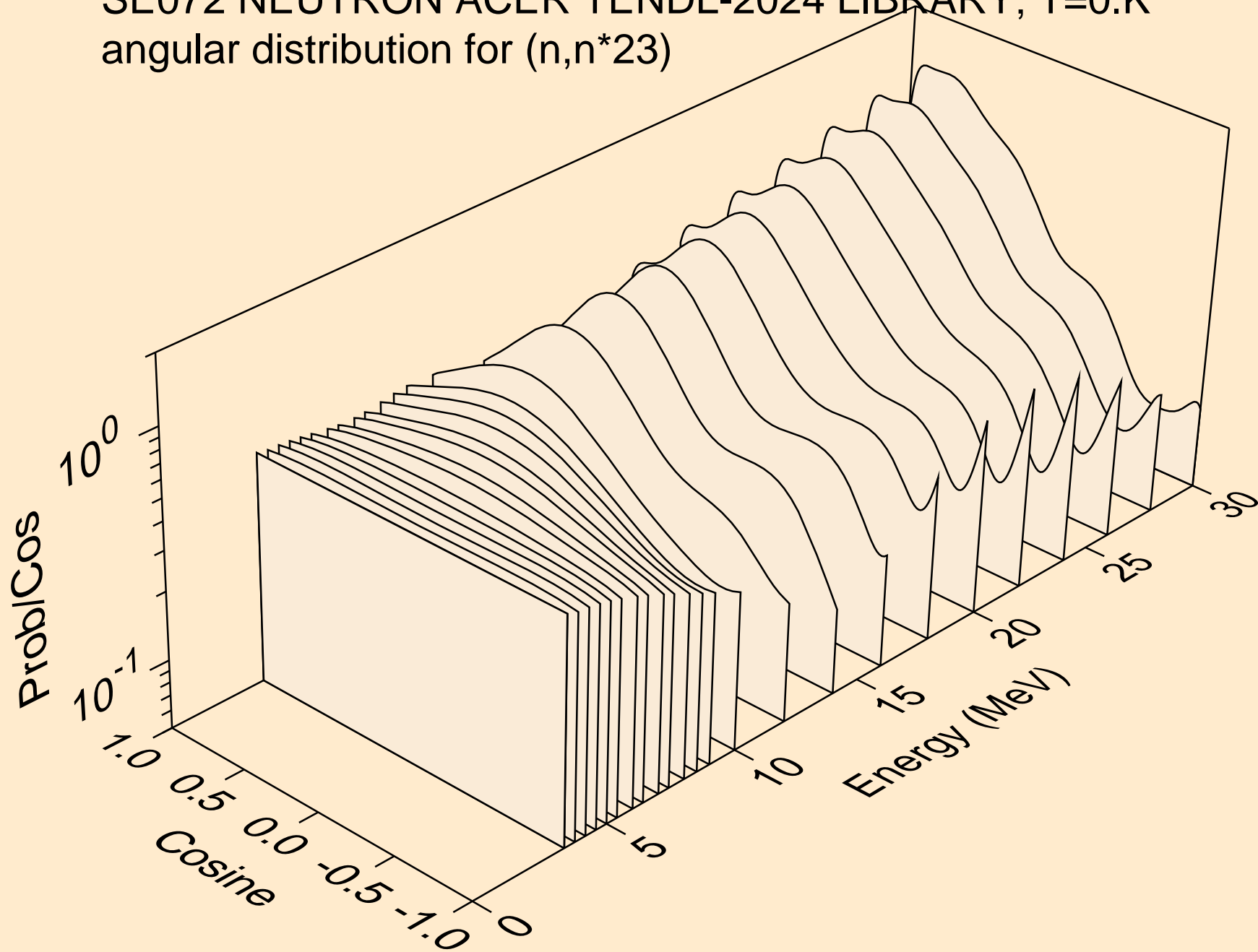


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

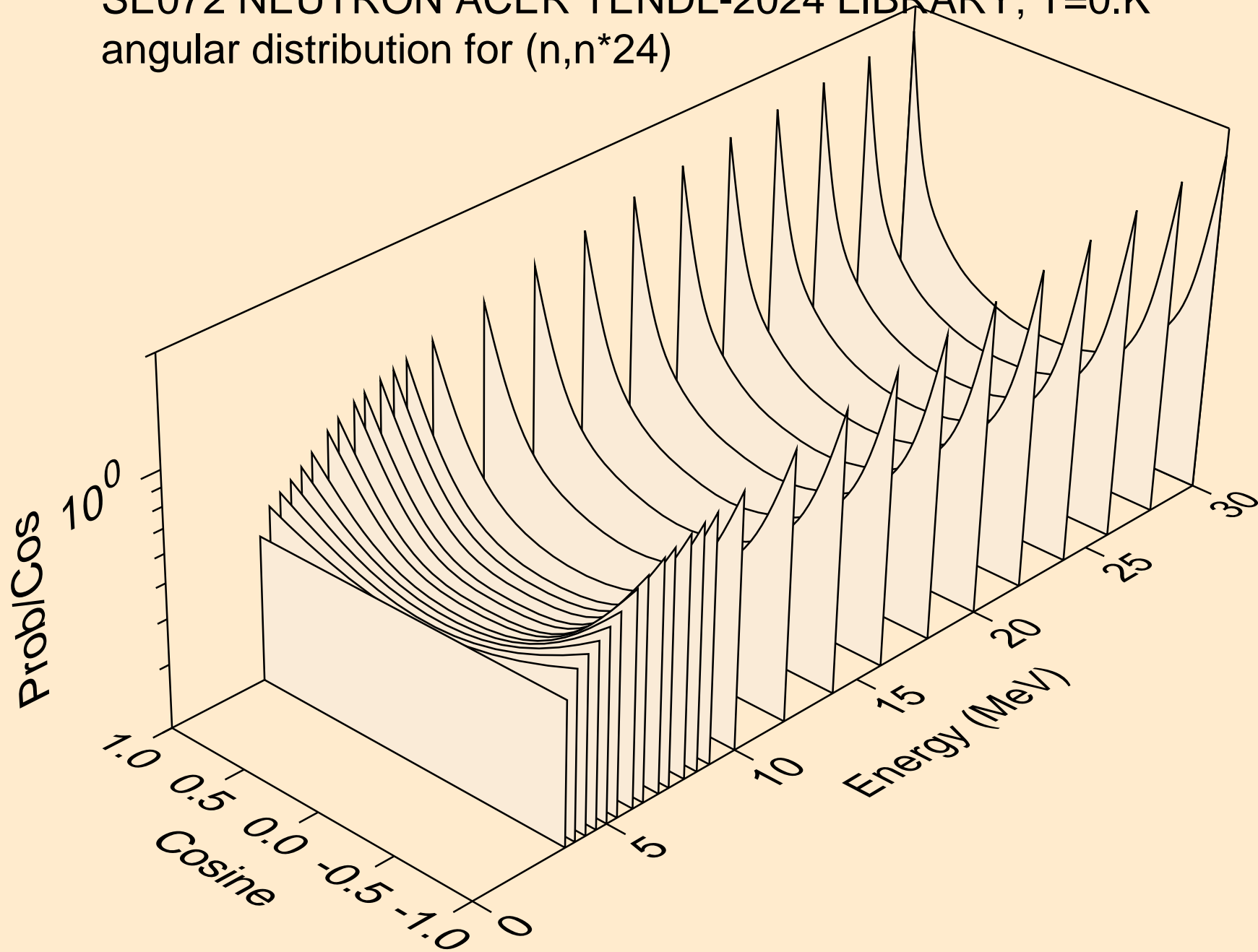




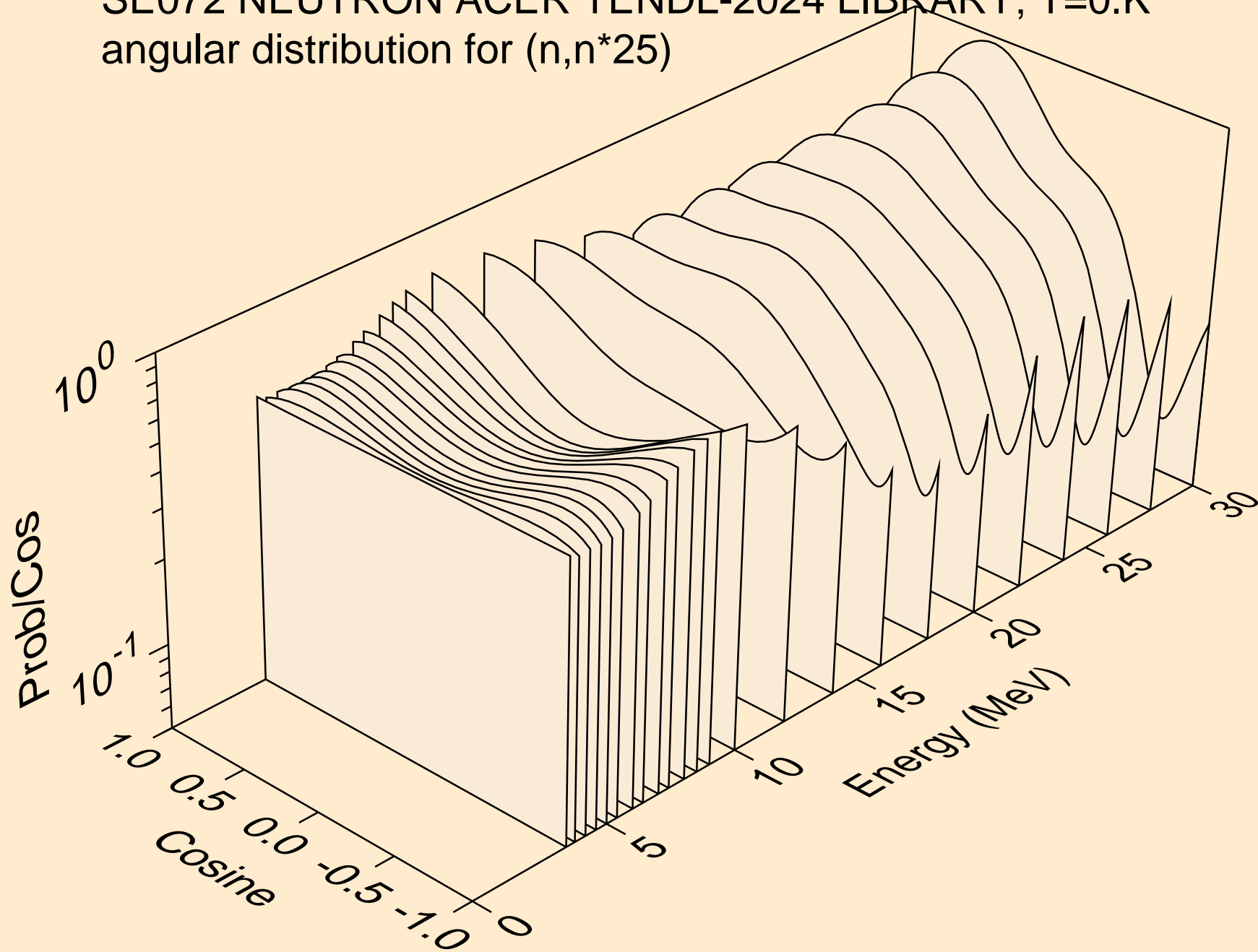
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angular distribution for (n,n\*23)



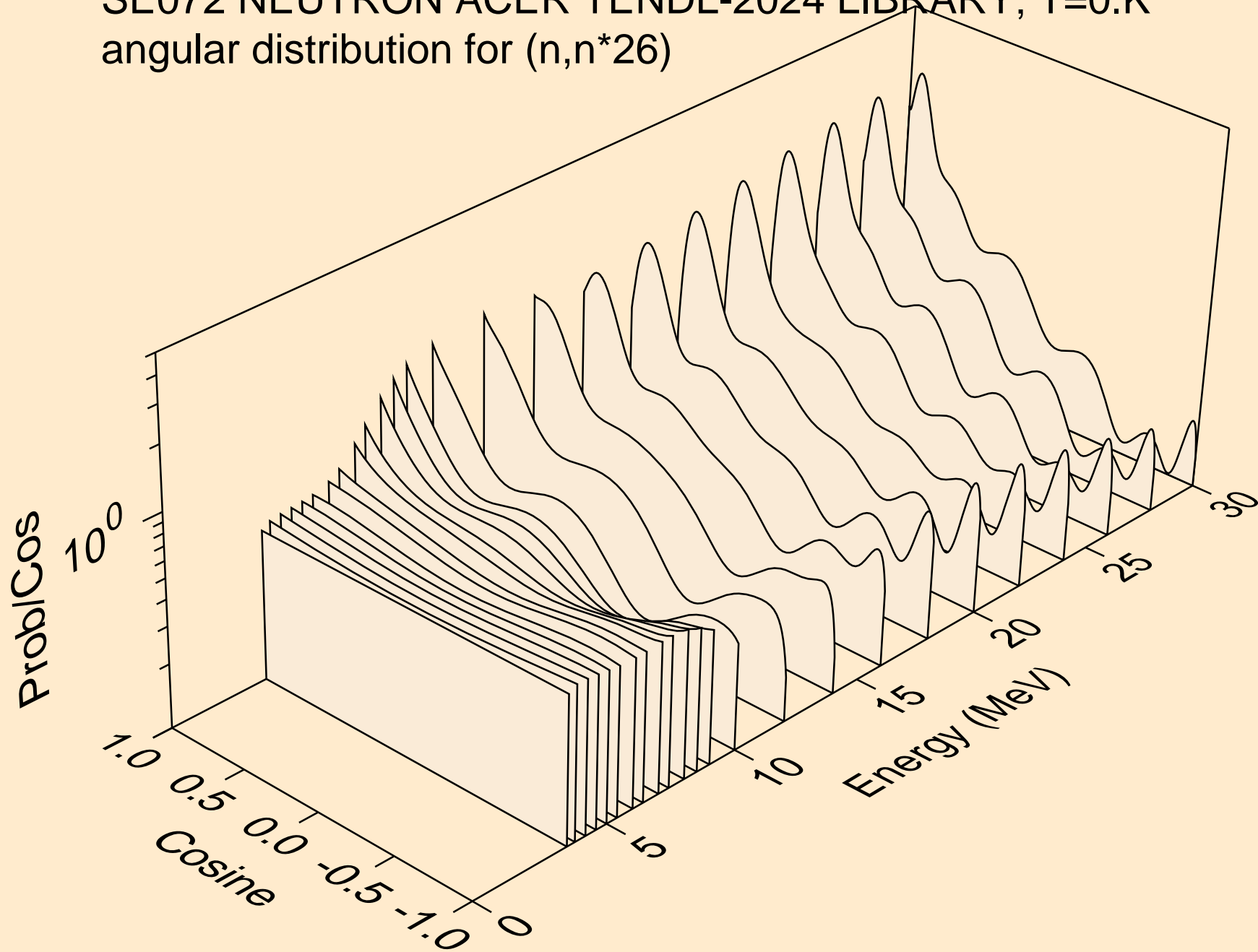
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angular distribution for (n,n\*24)



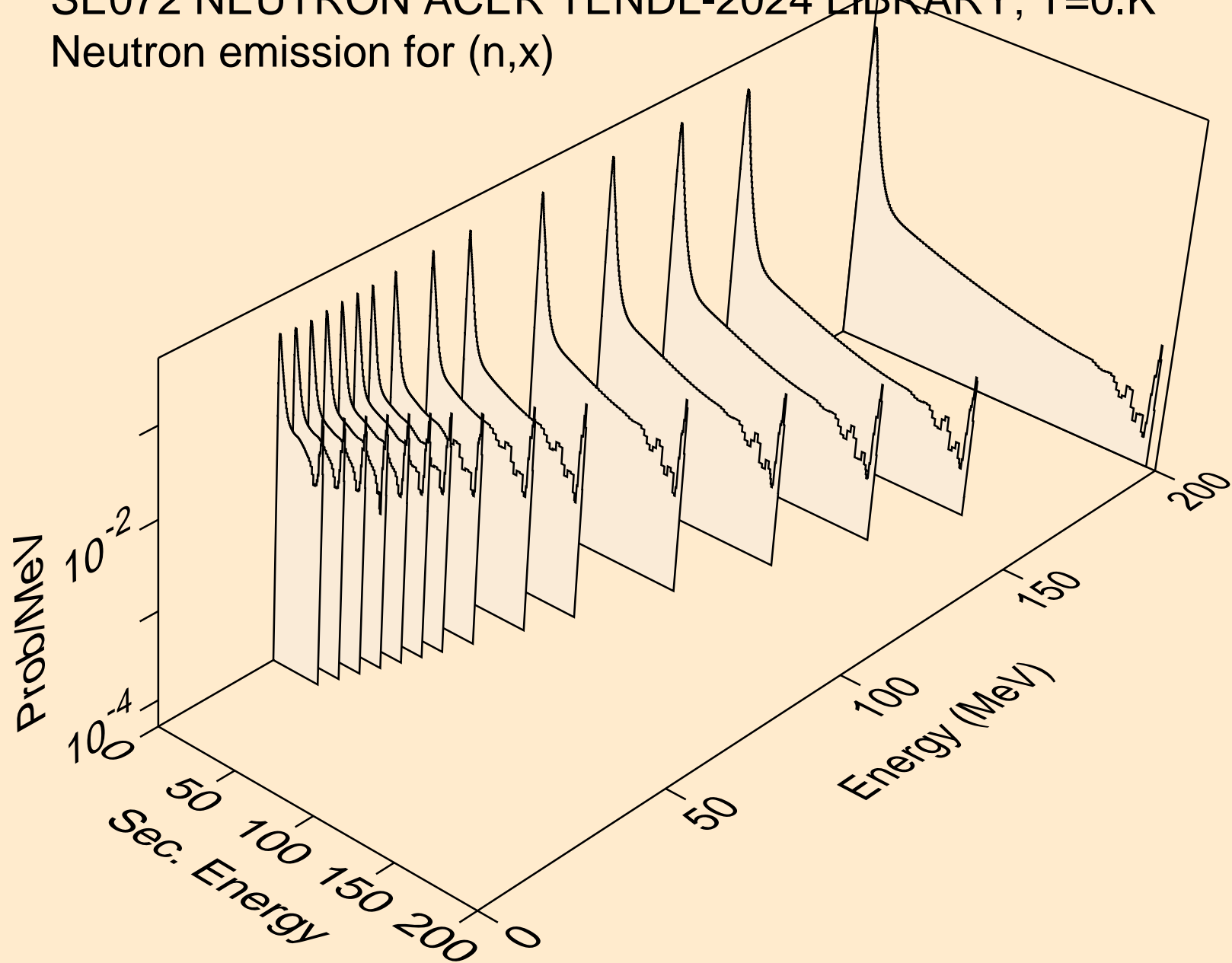
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



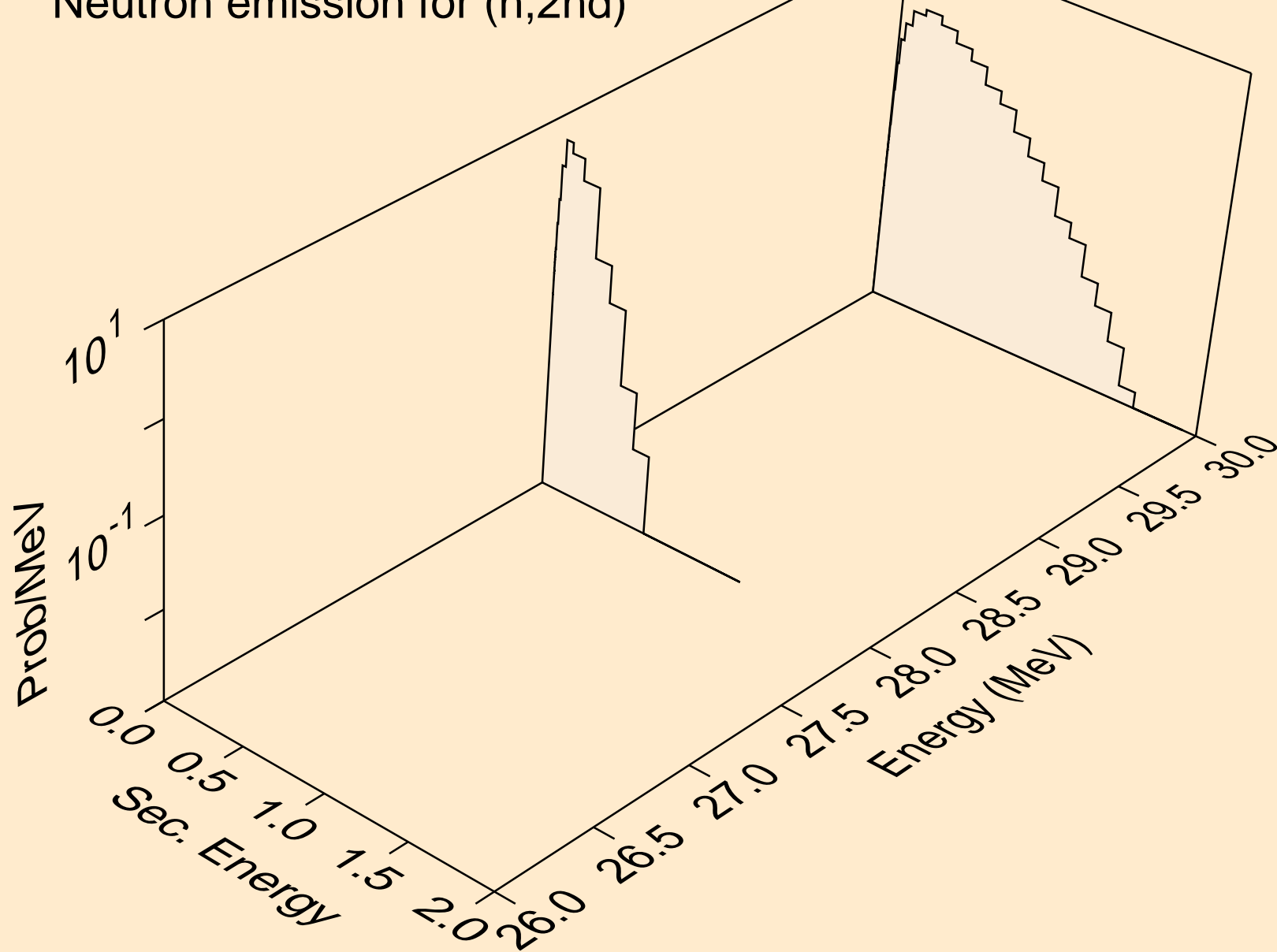
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



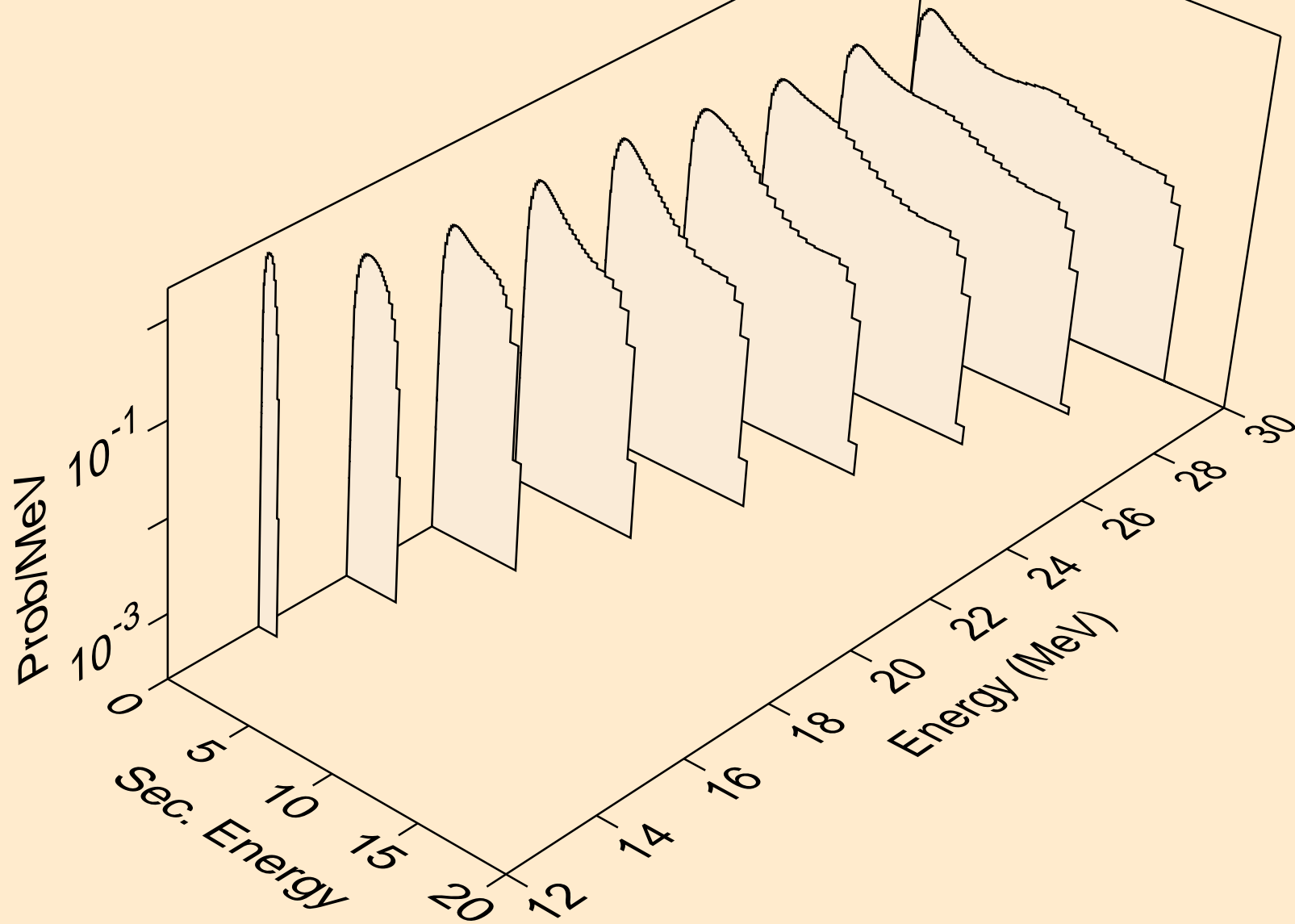
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



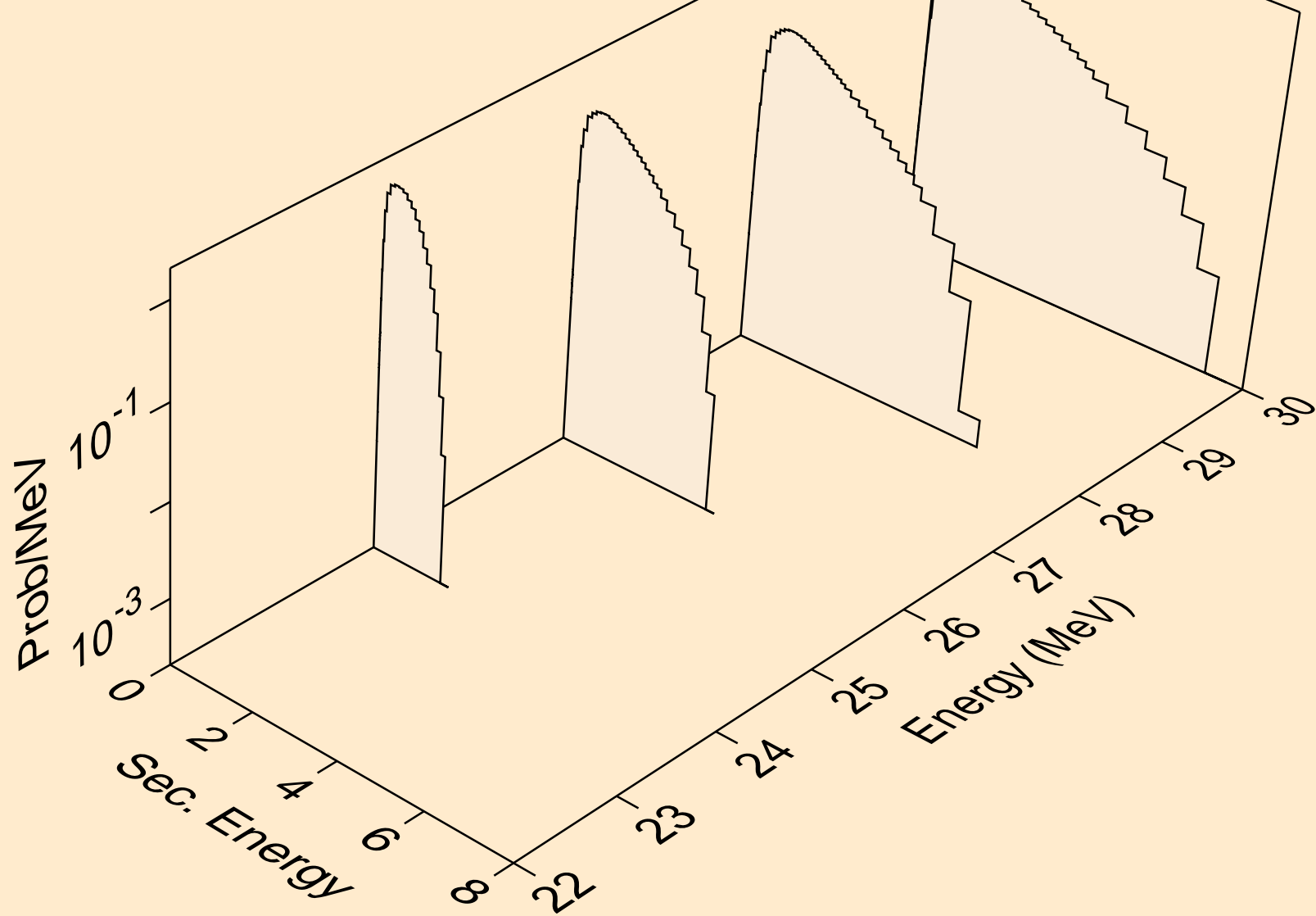
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

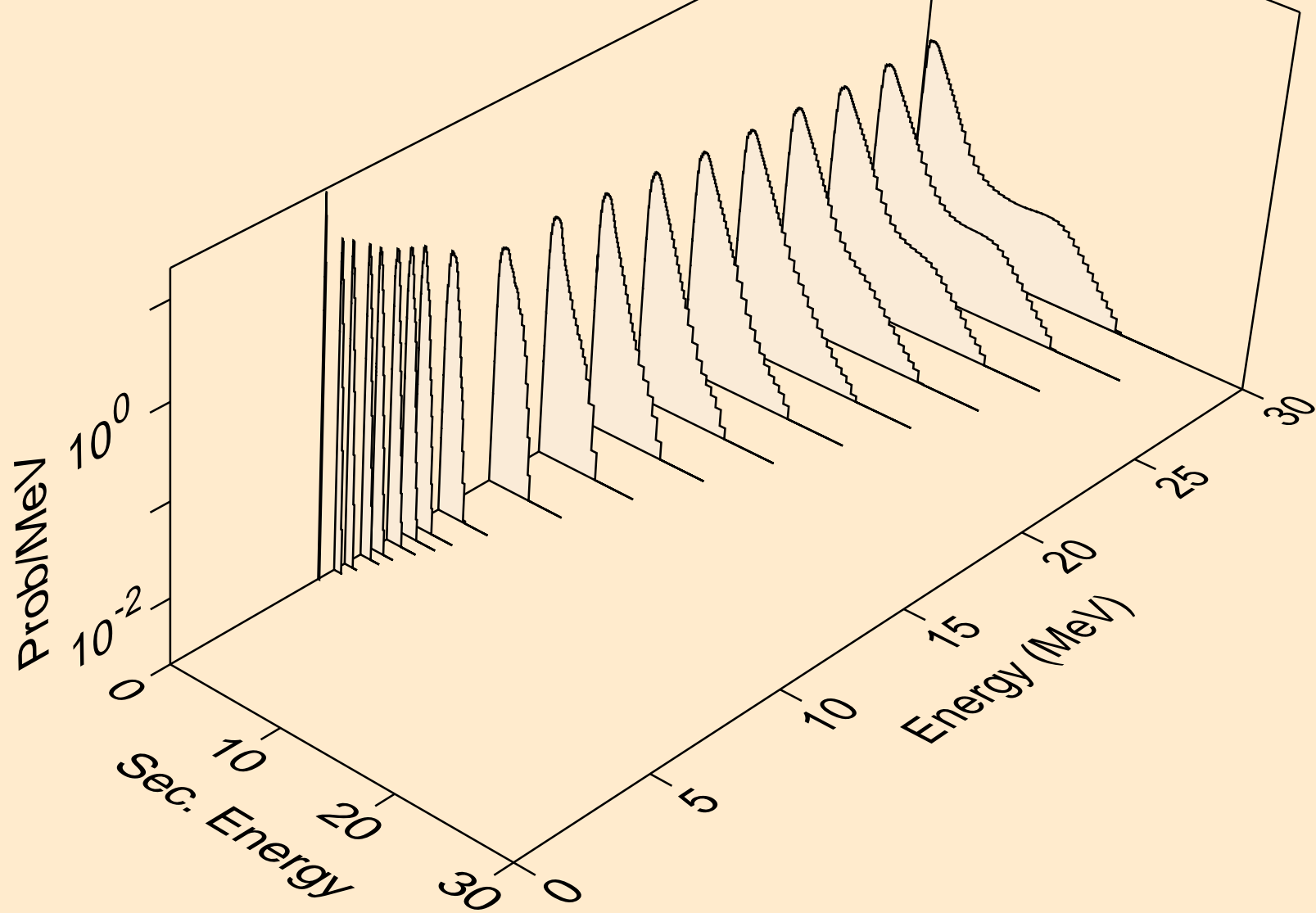


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

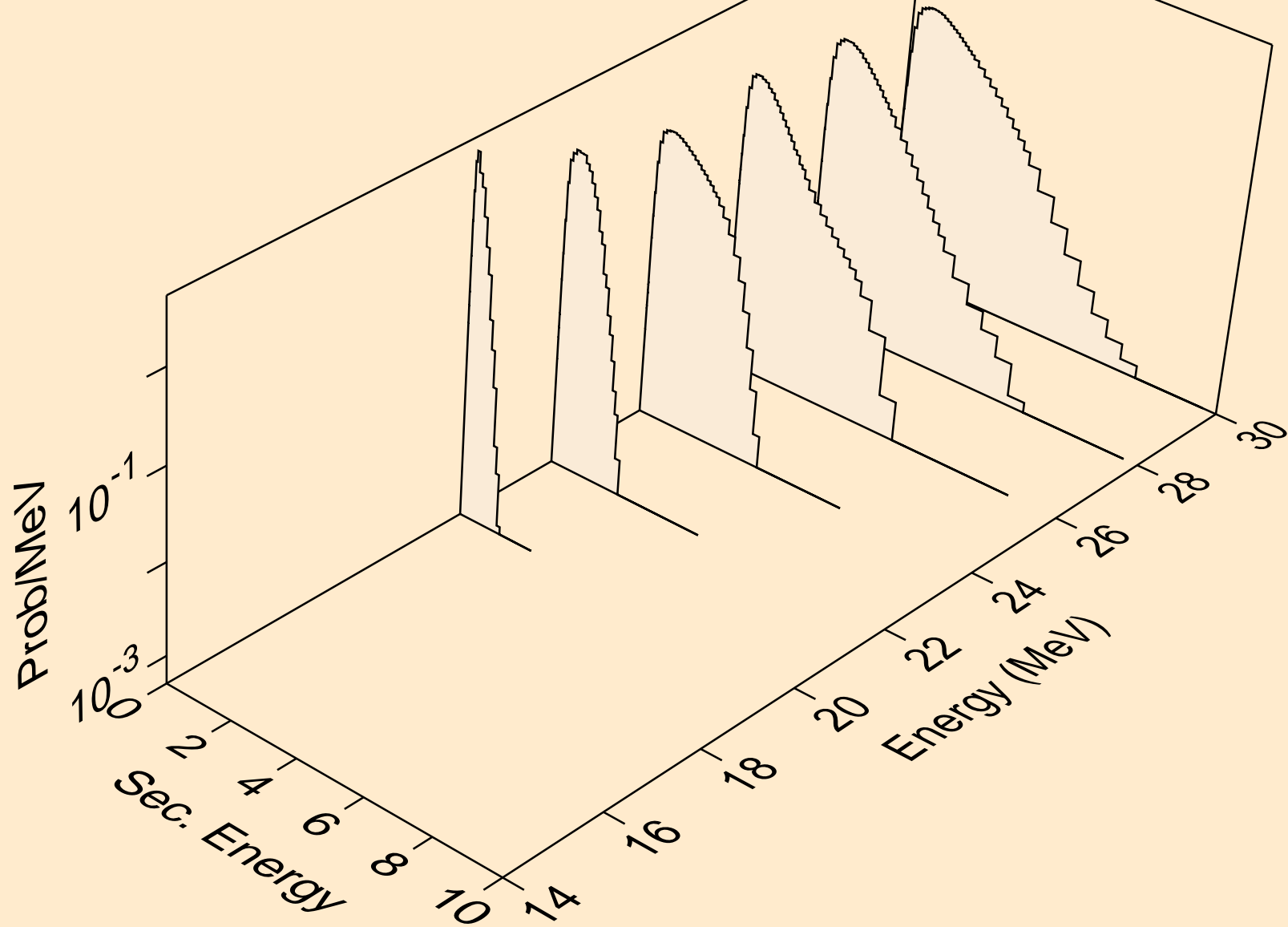




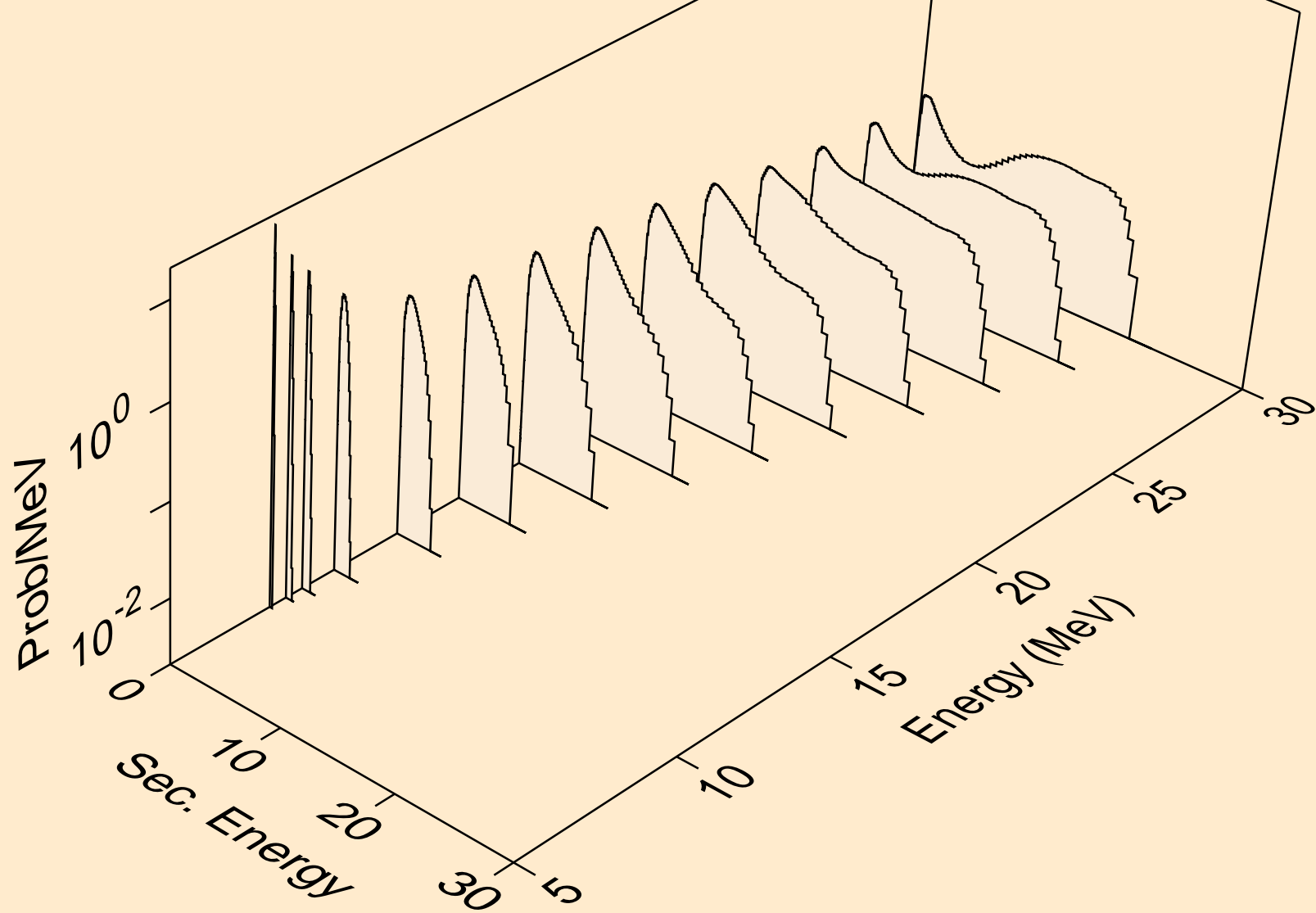
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



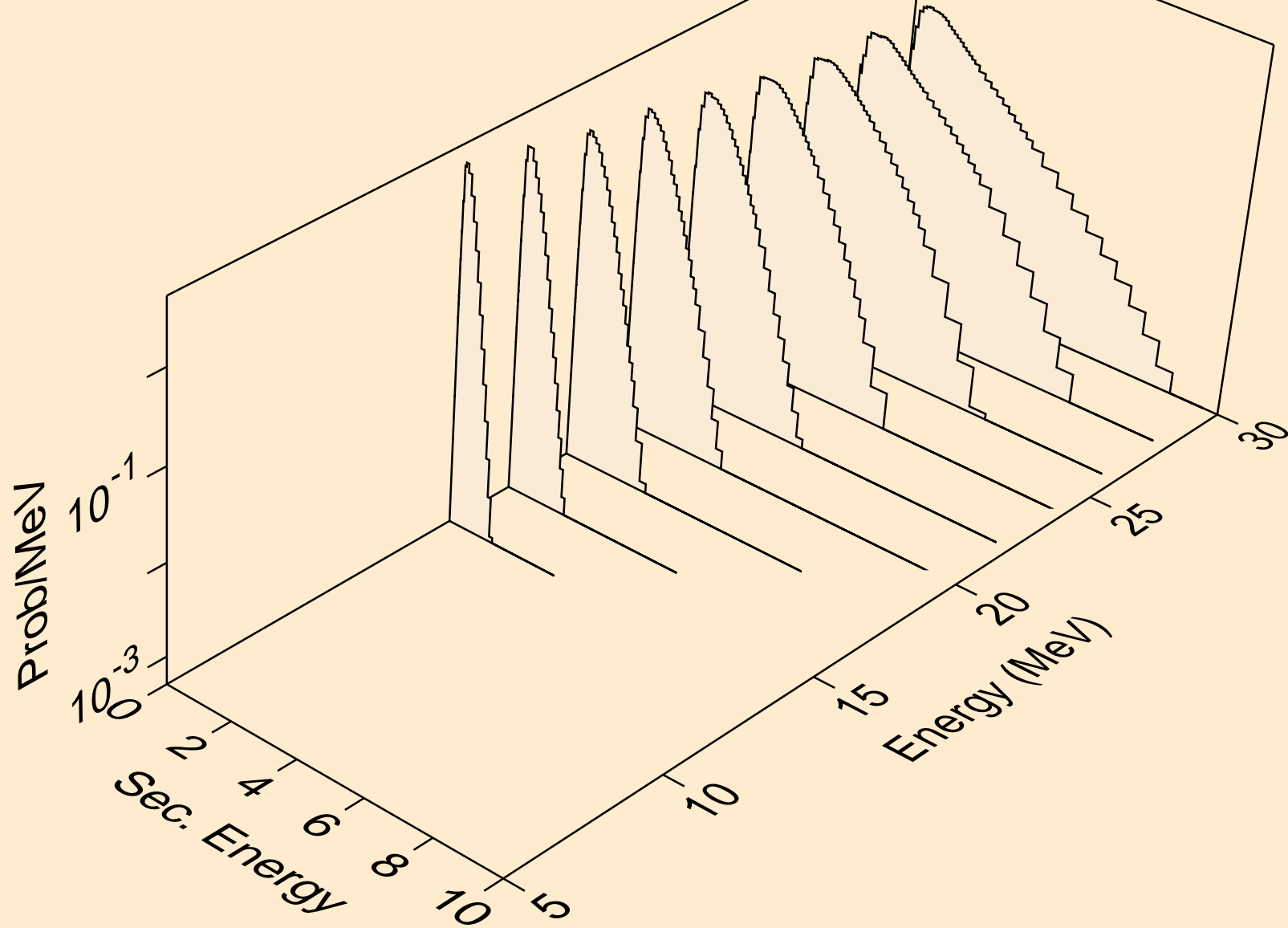
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



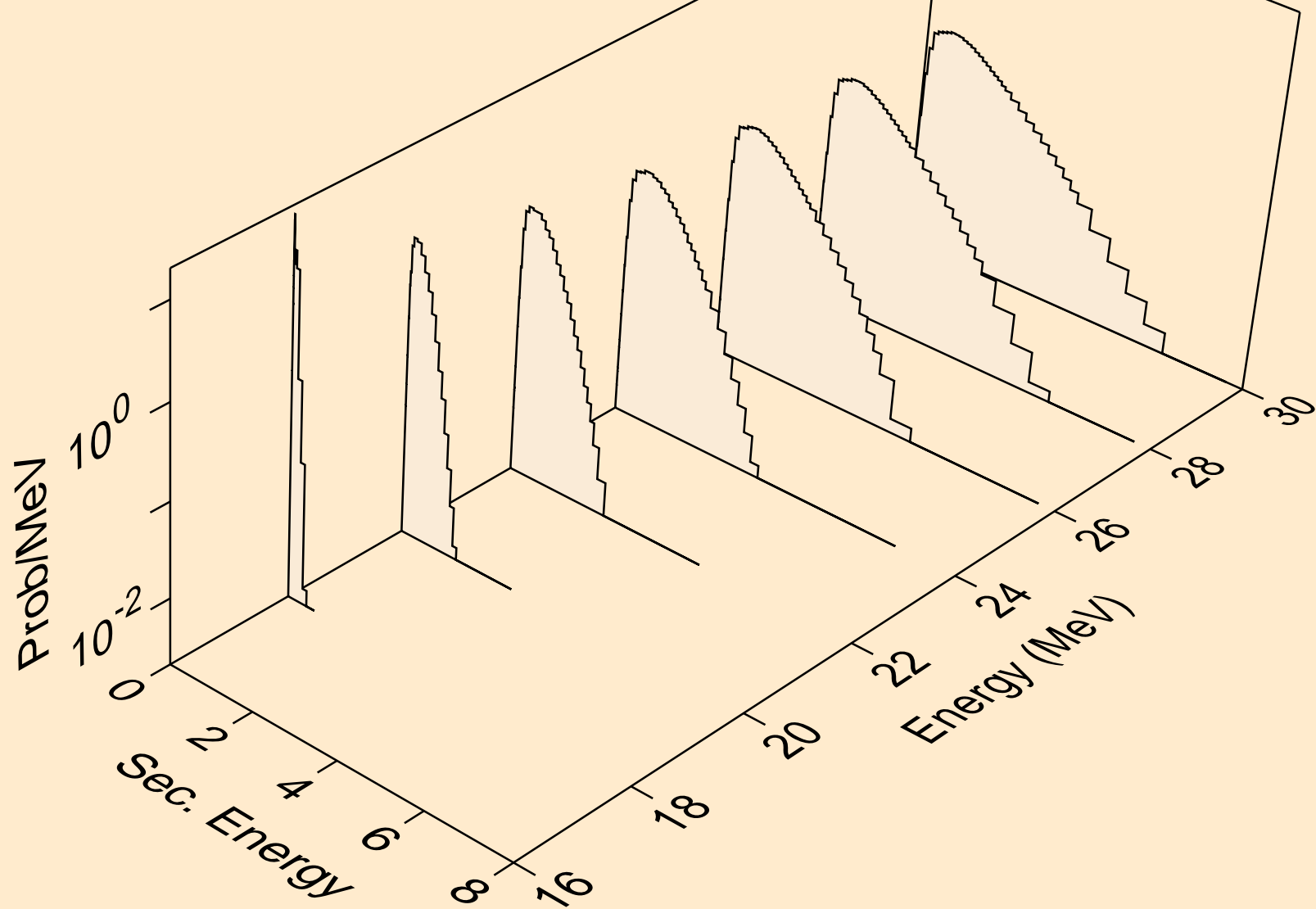
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



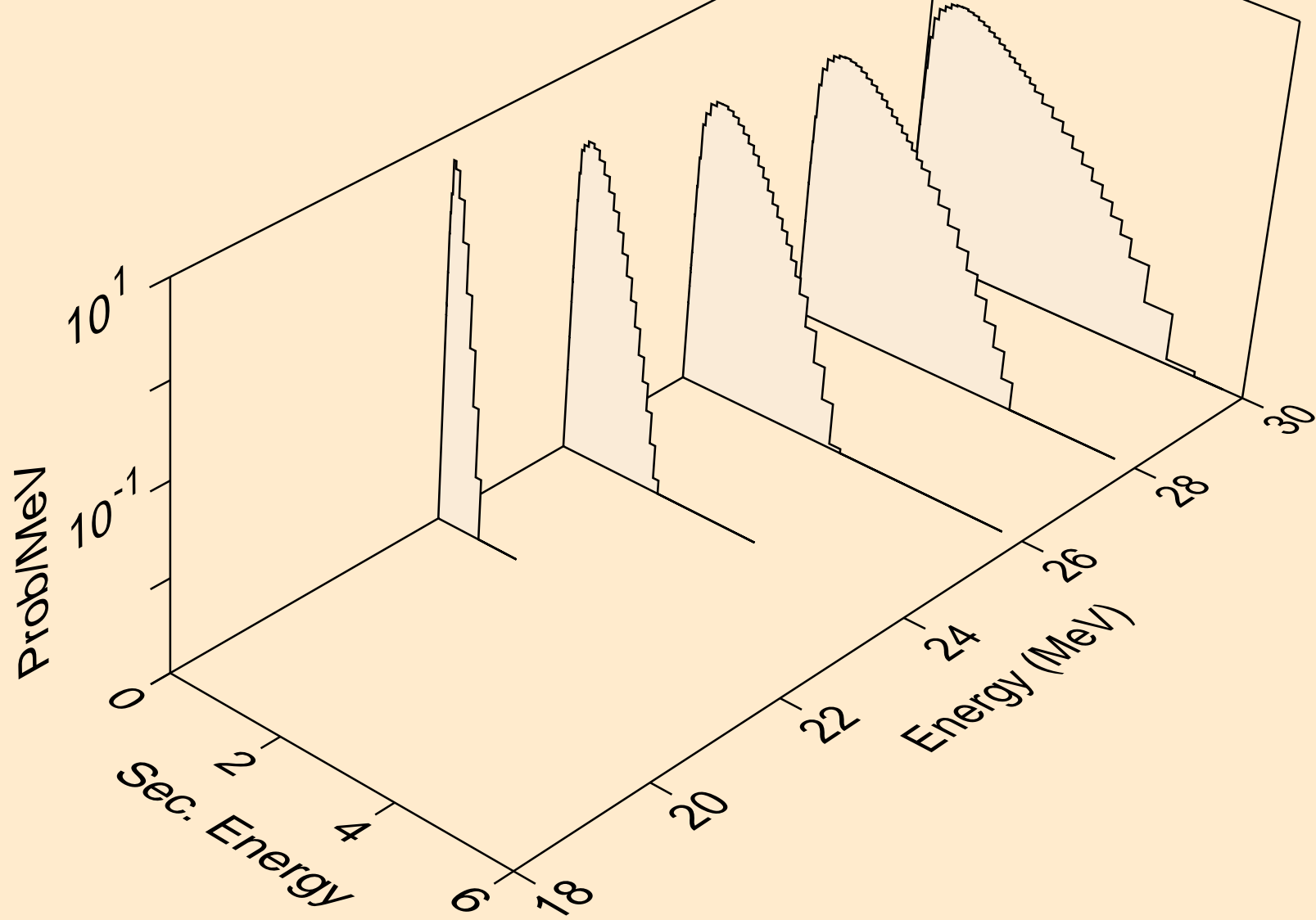
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



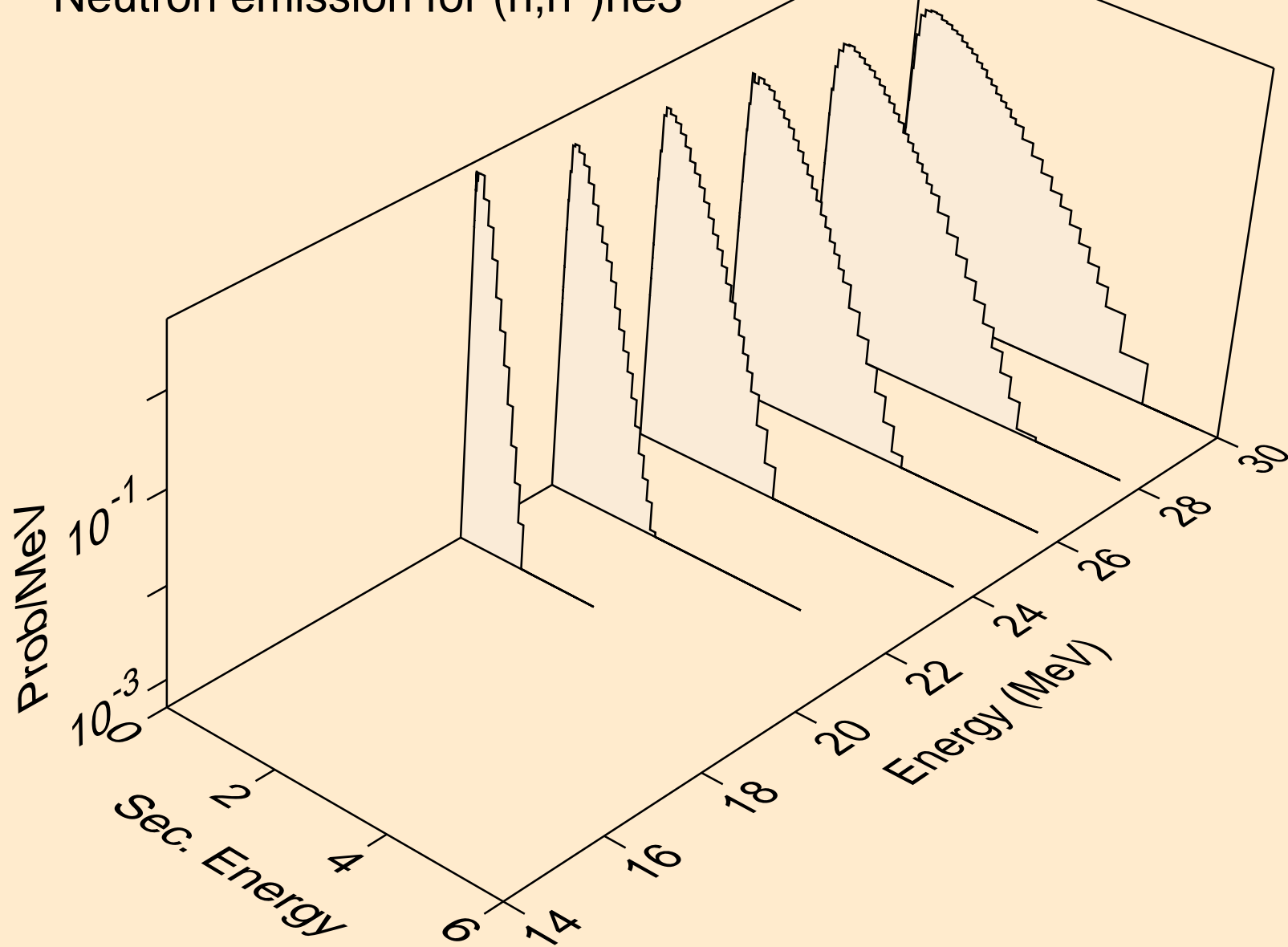
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



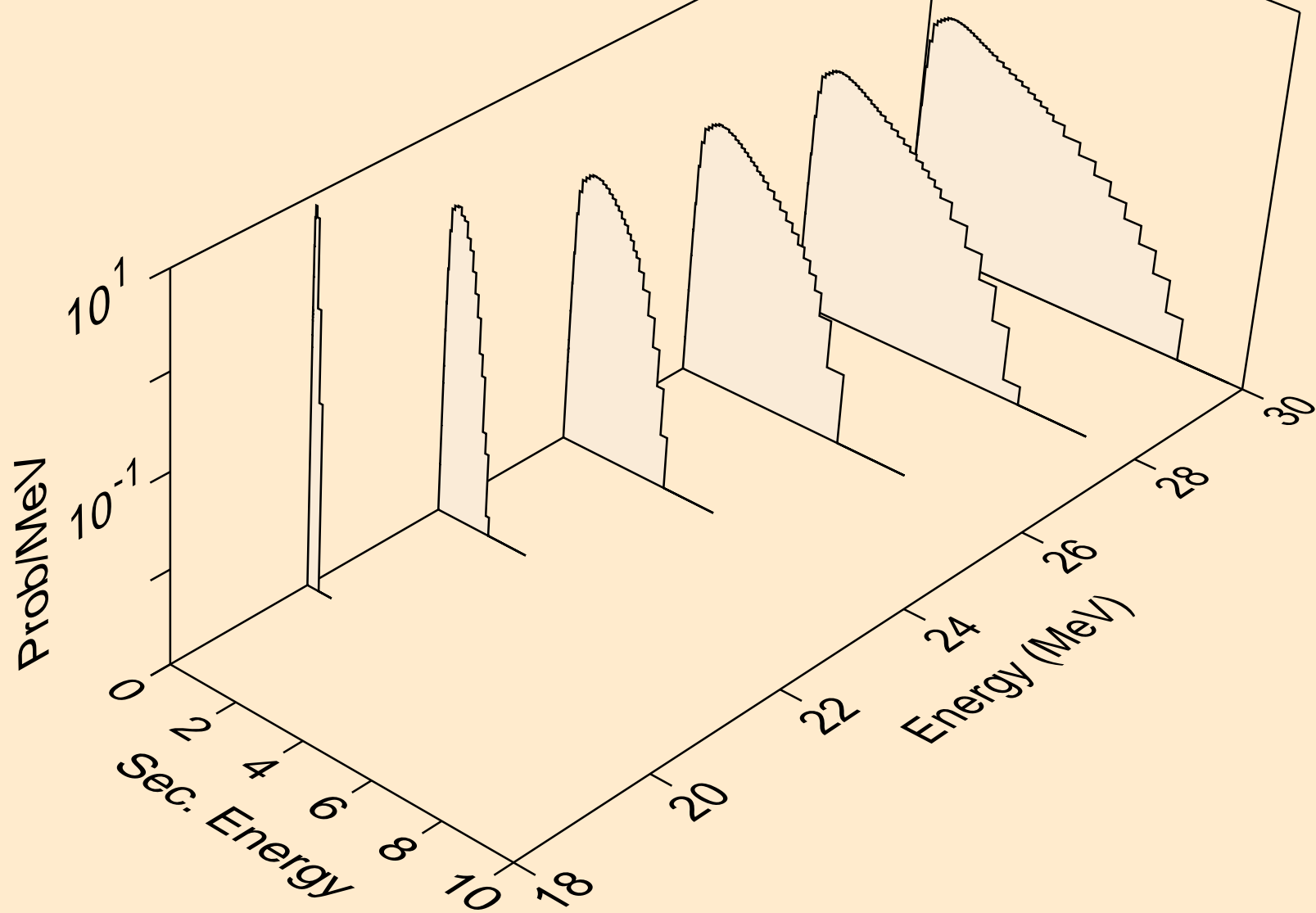
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

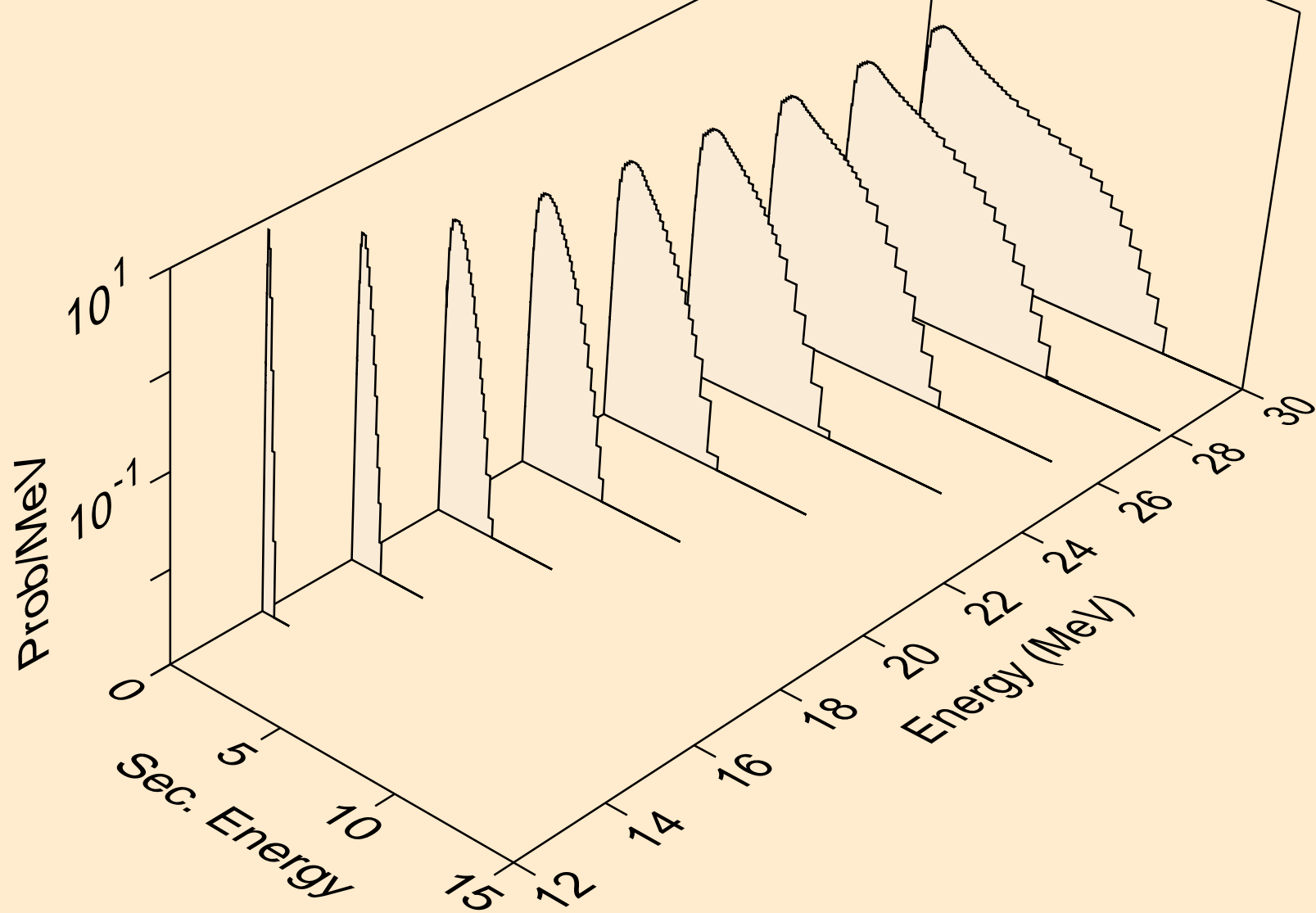


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

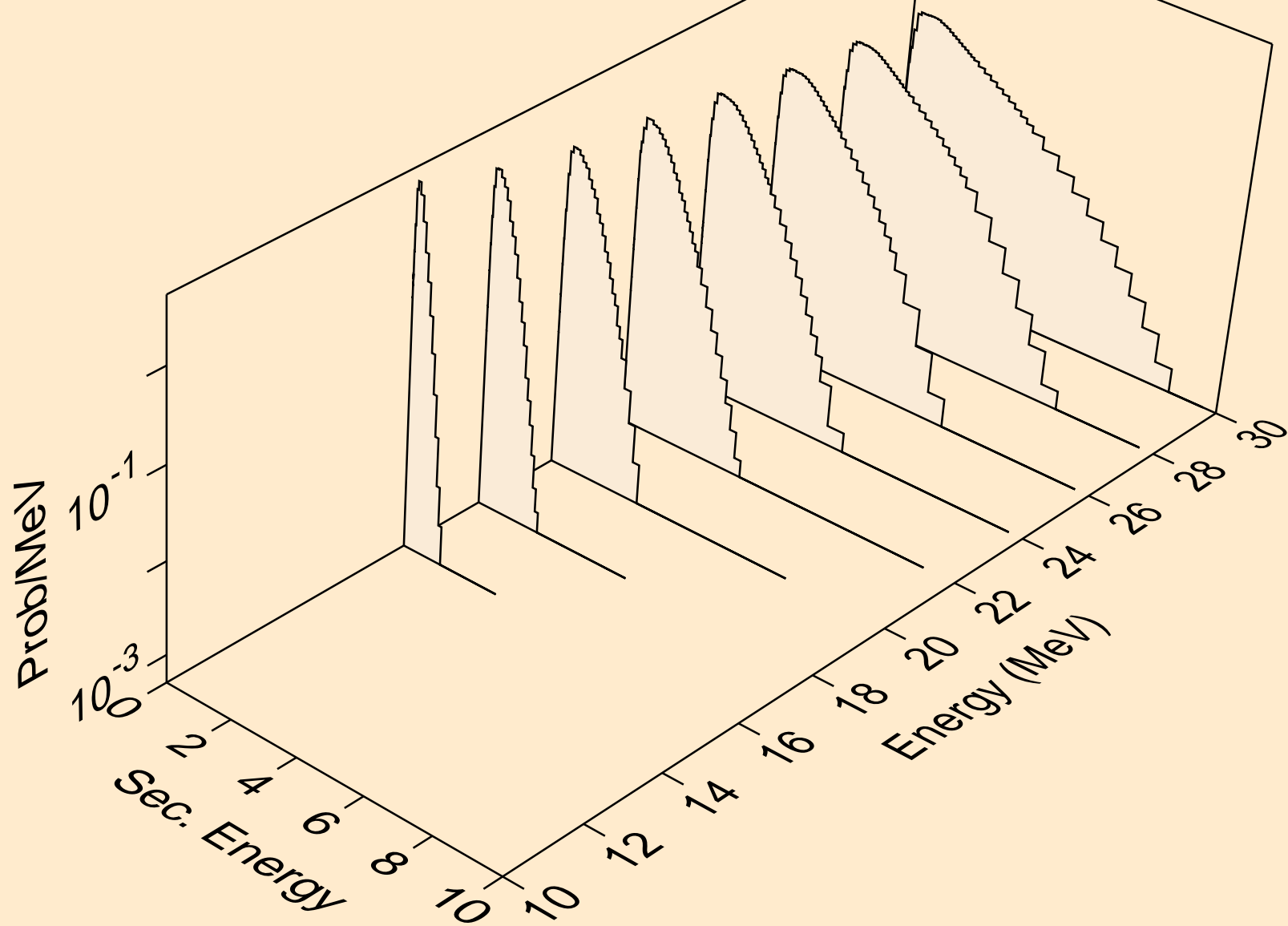




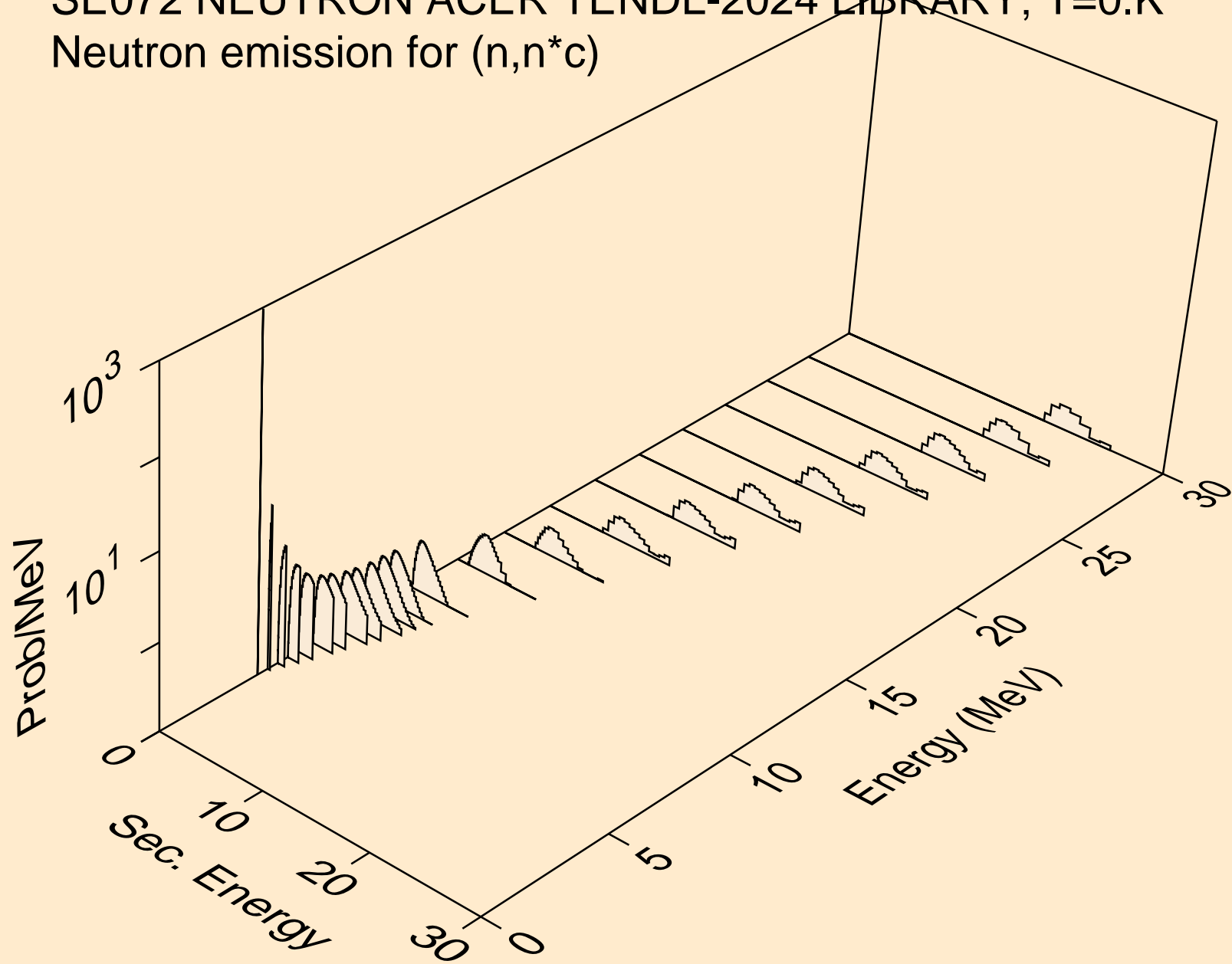
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



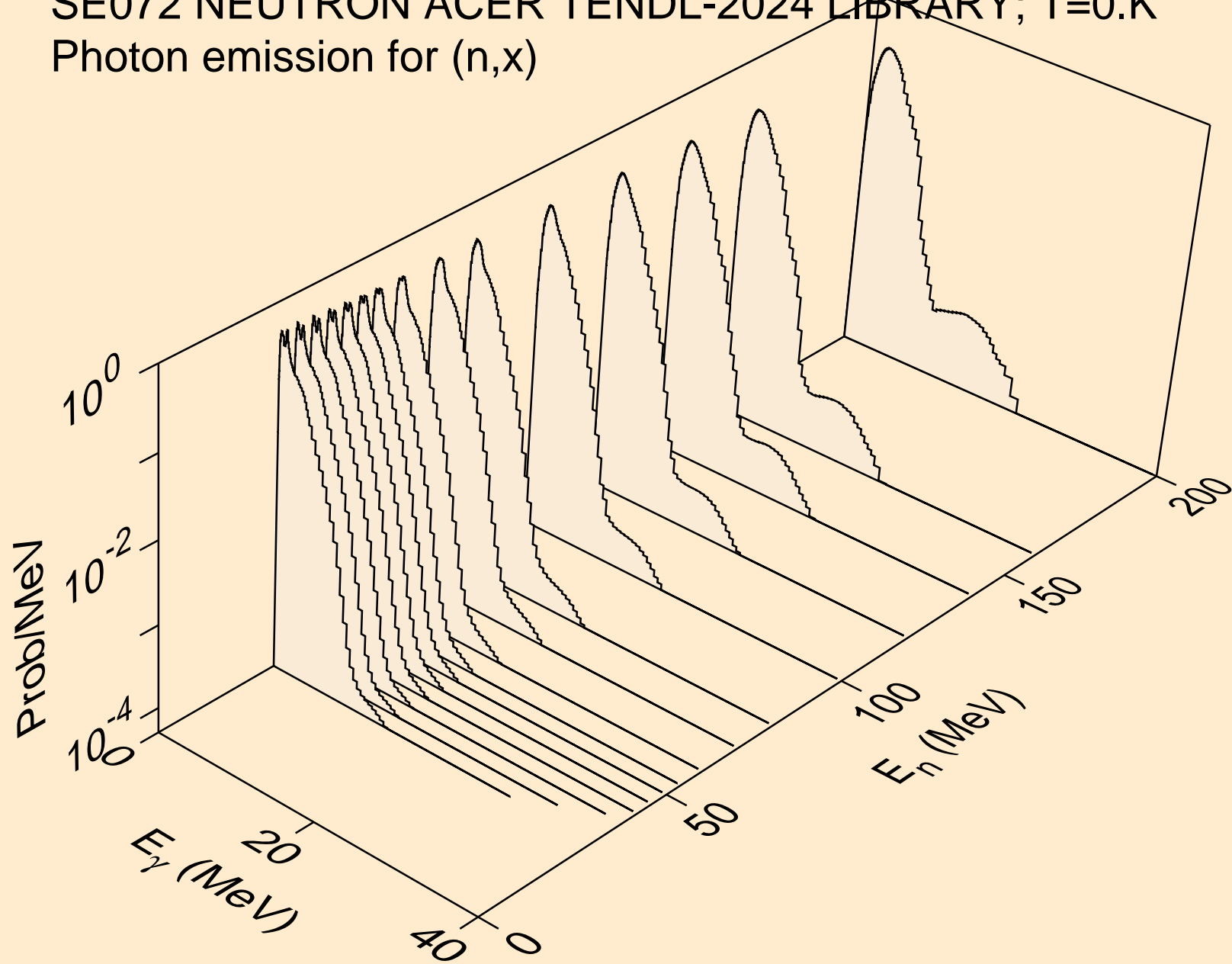
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



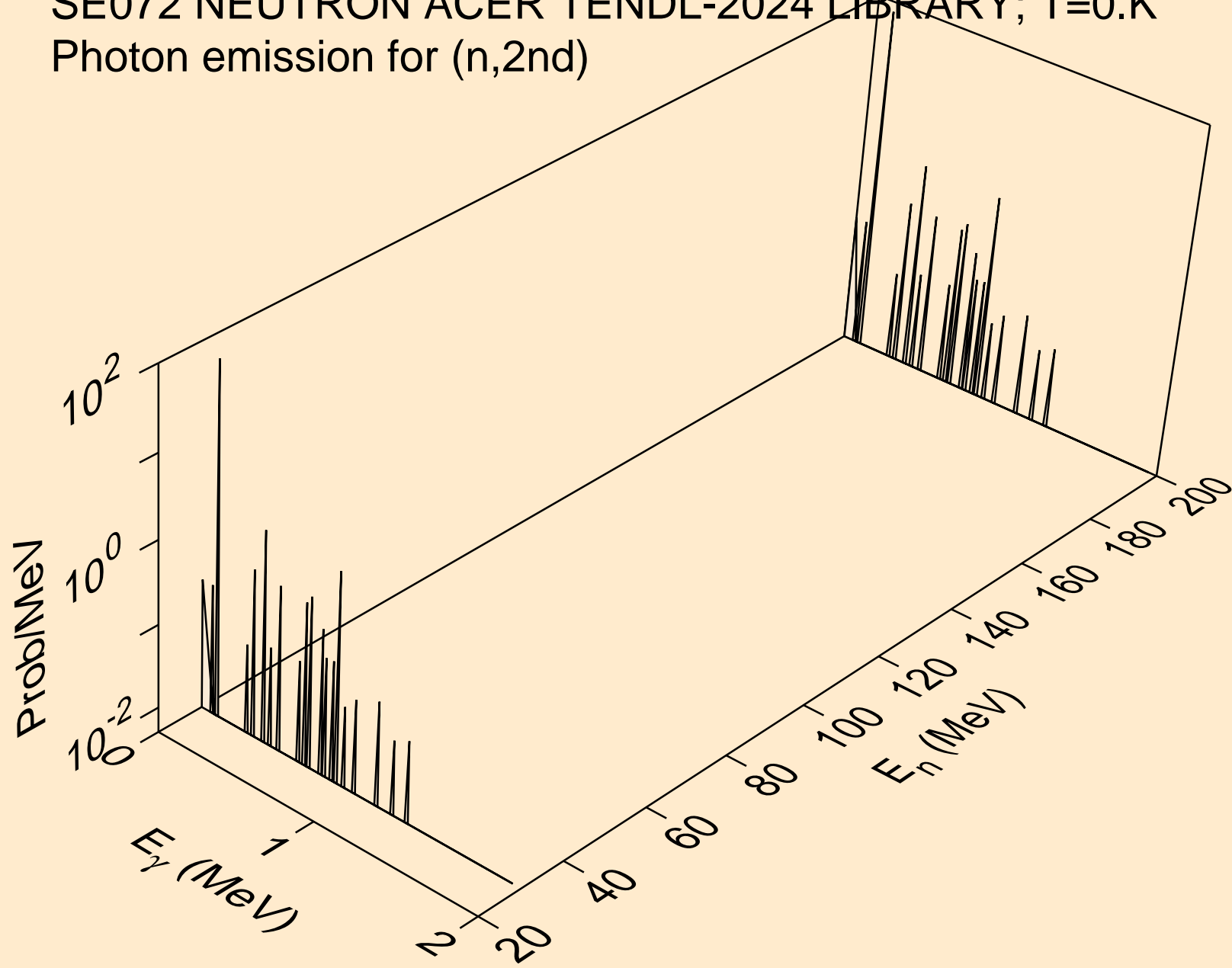
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



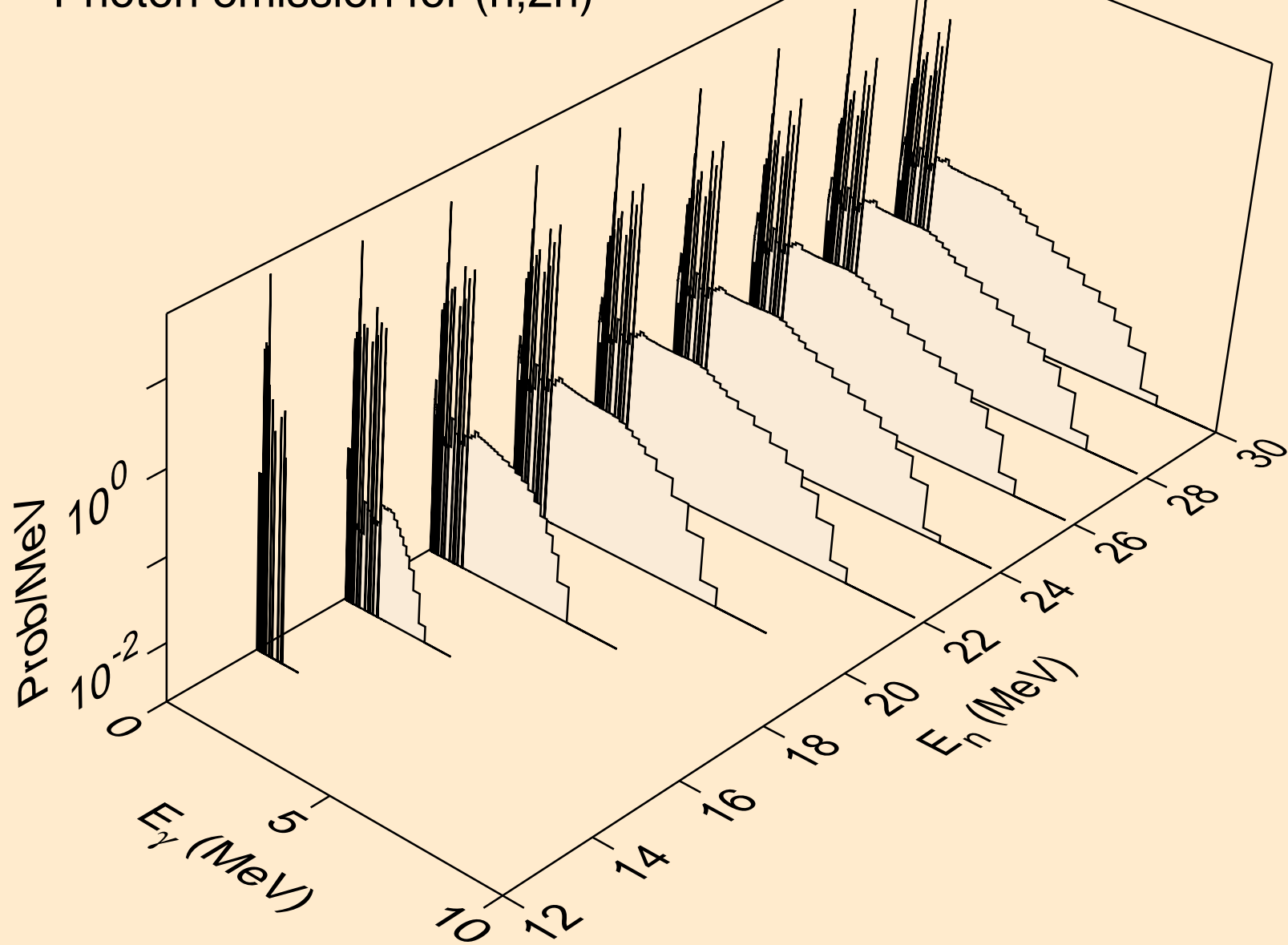
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



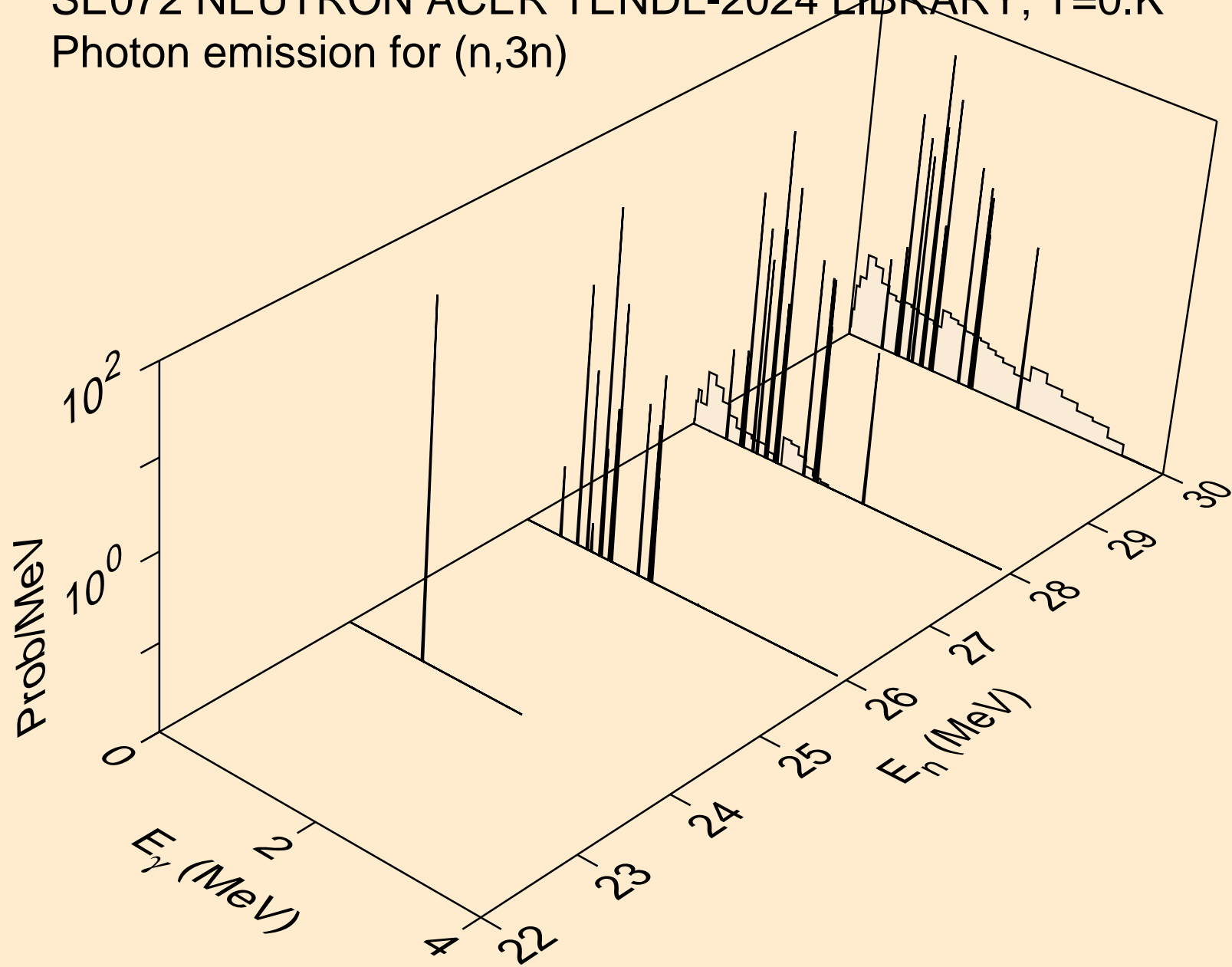
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



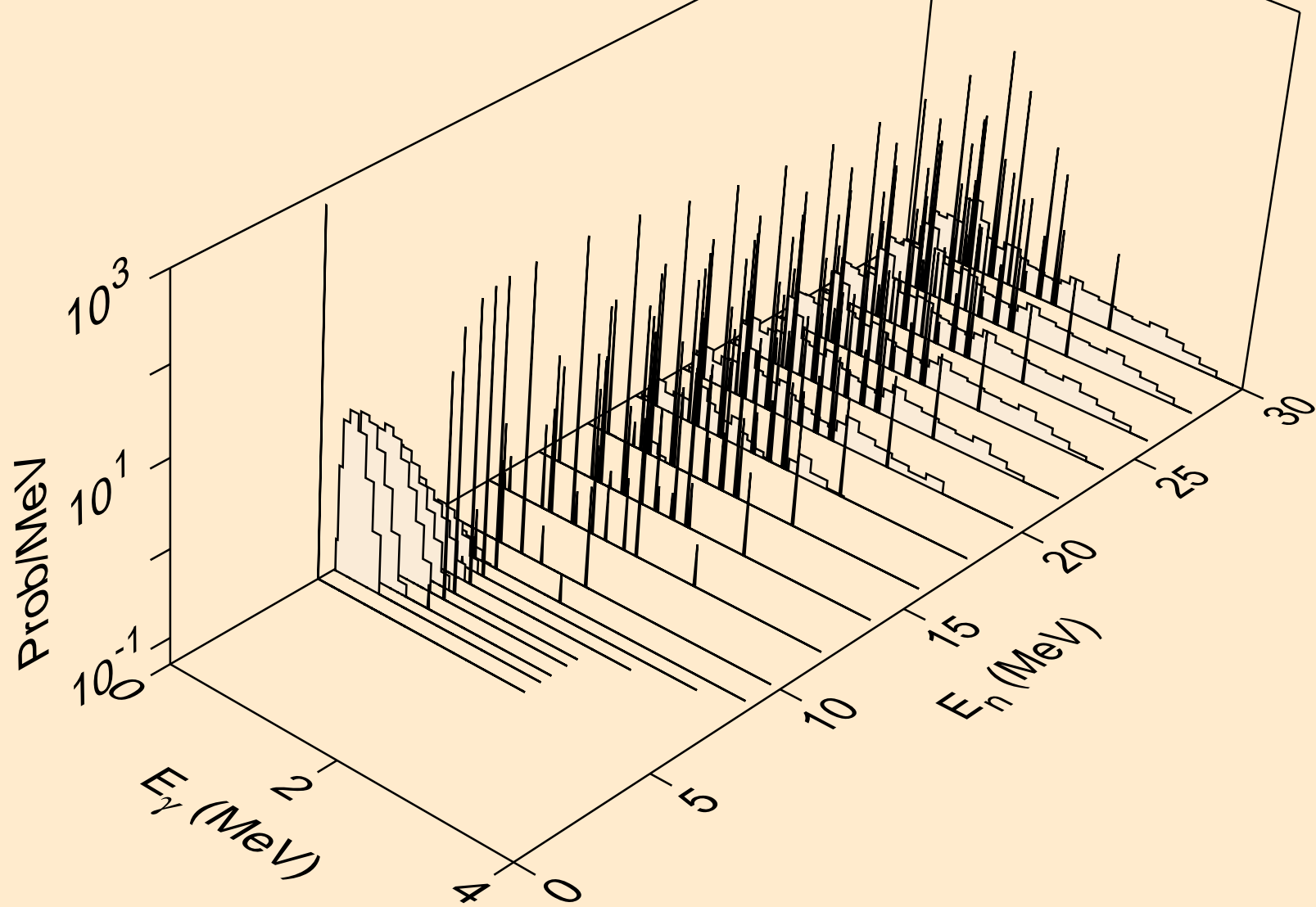
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

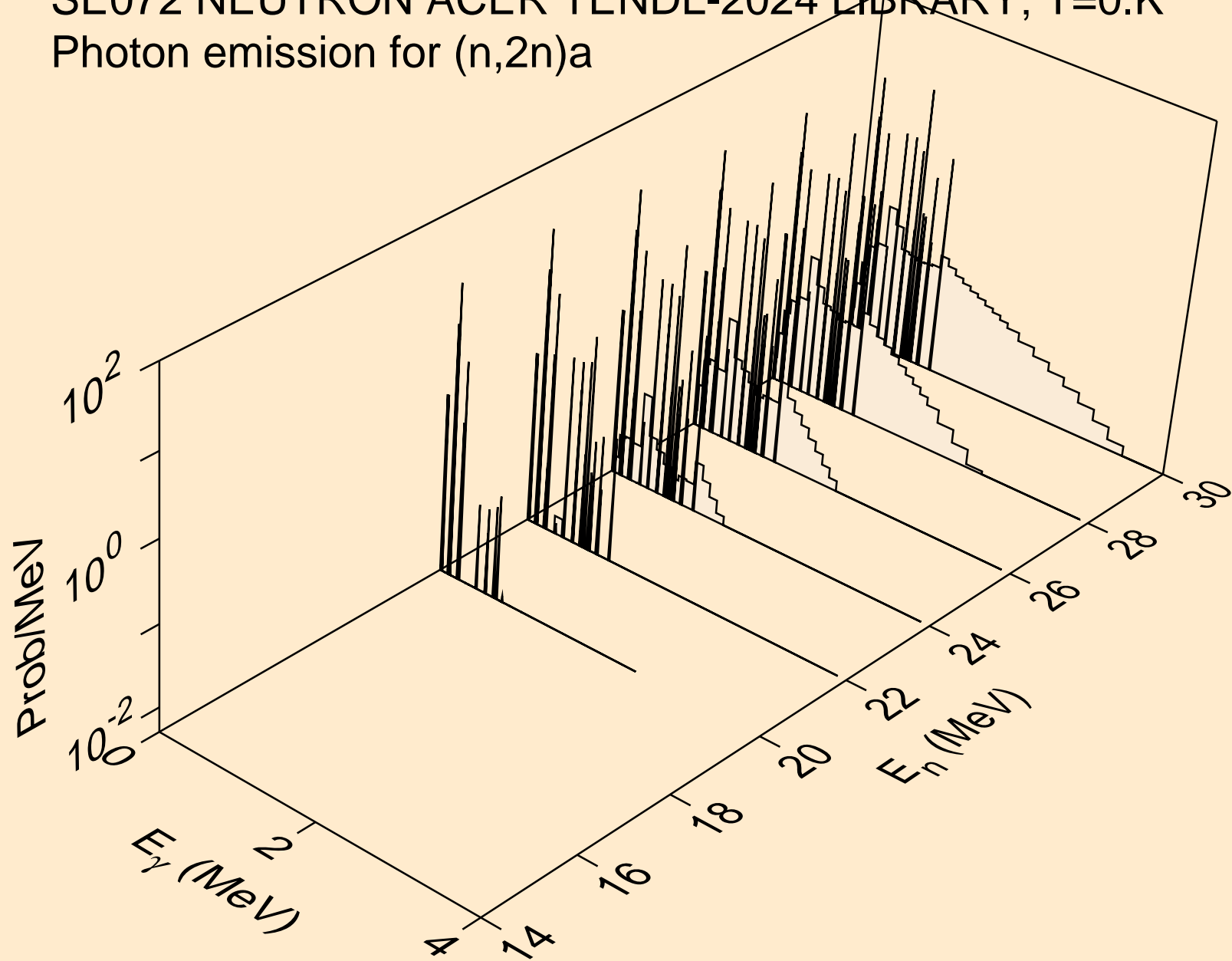


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

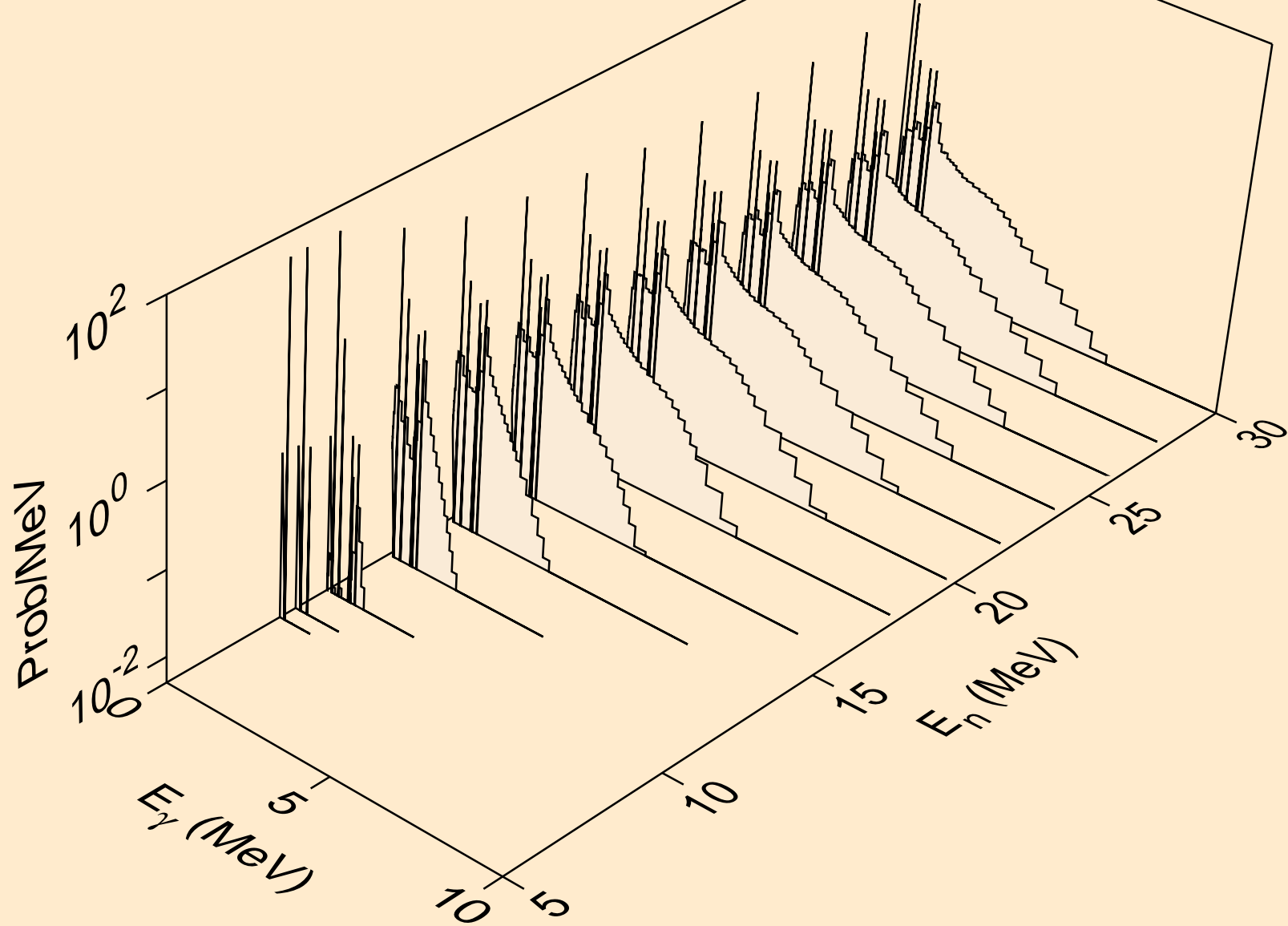




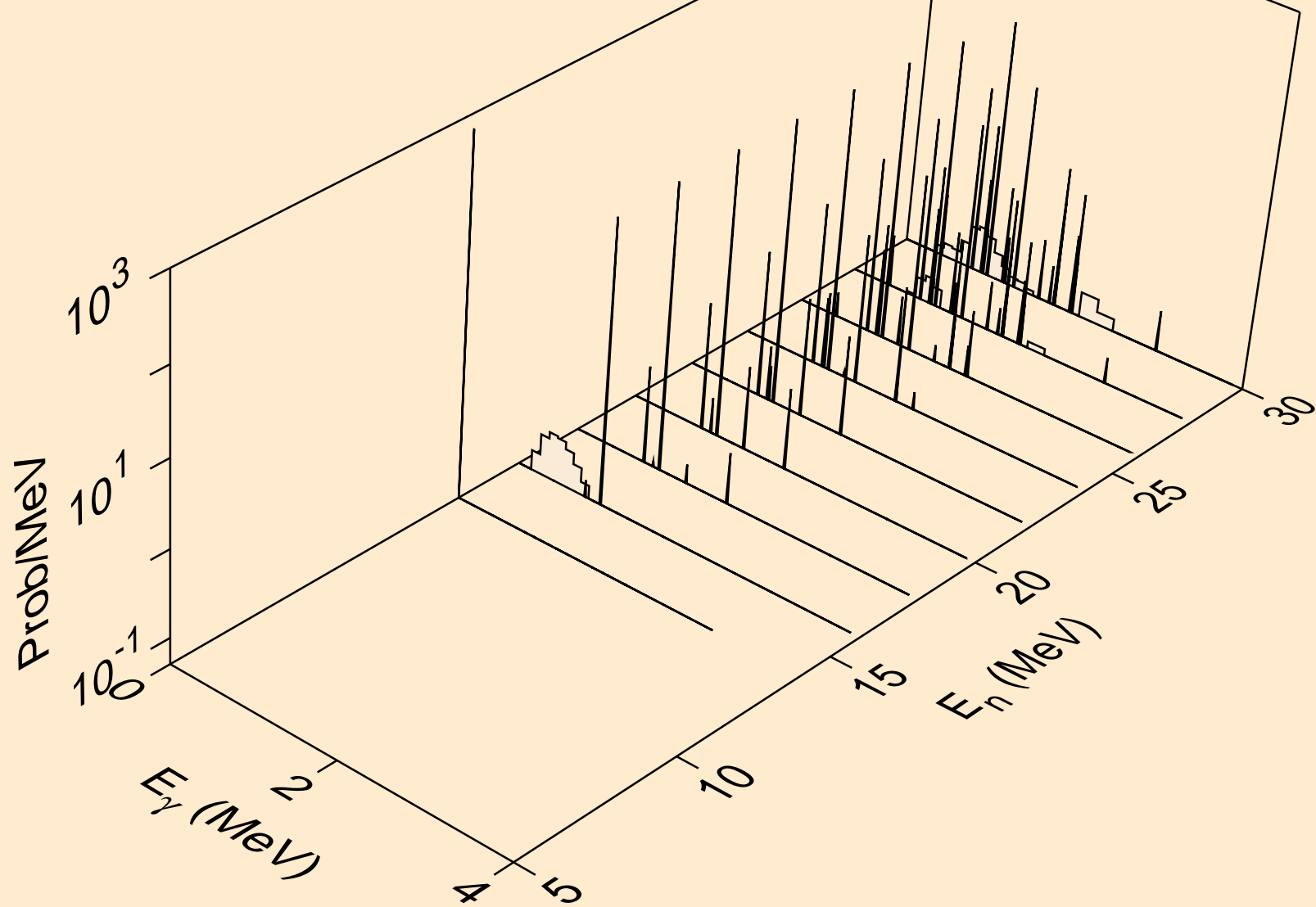
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



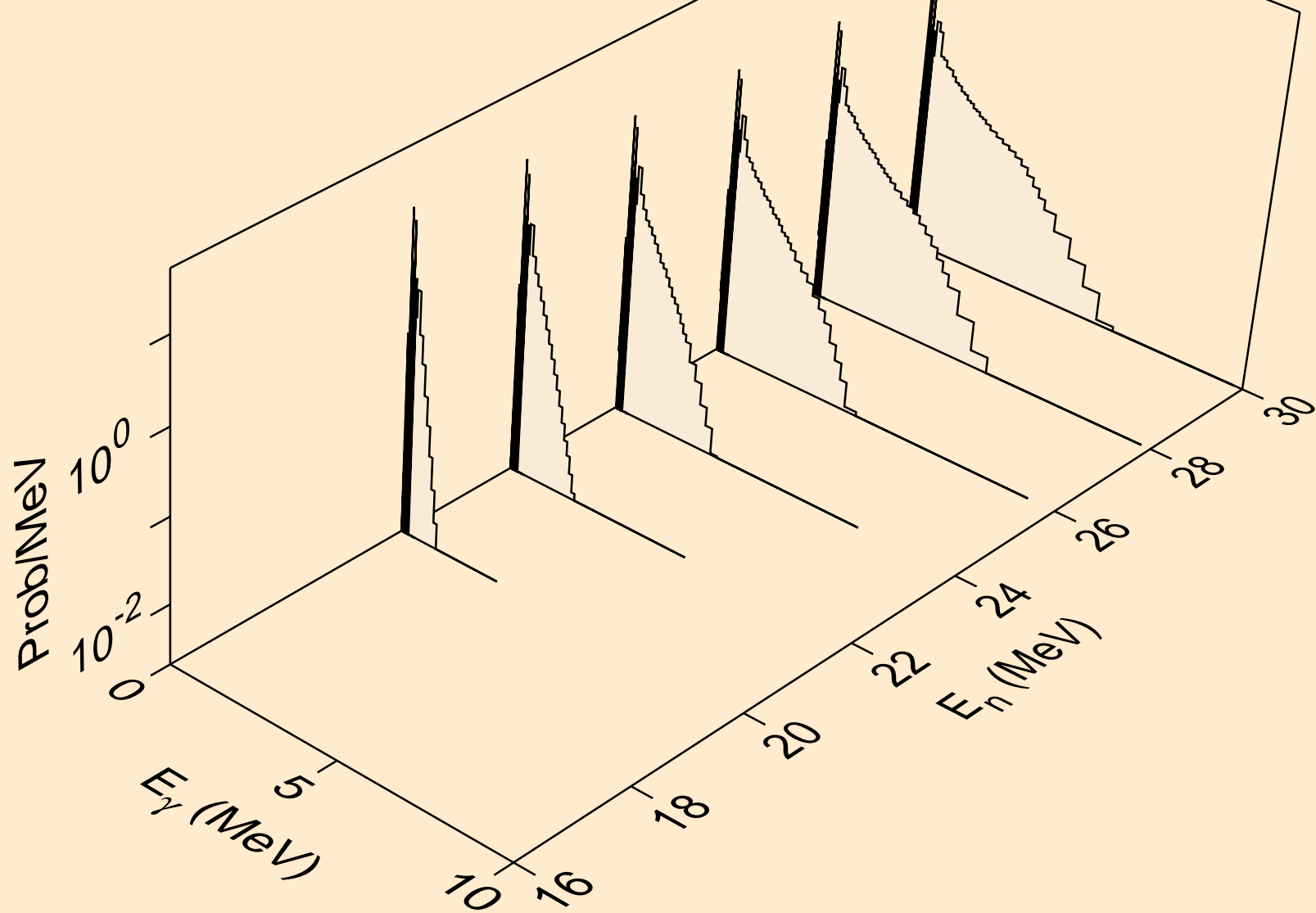
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



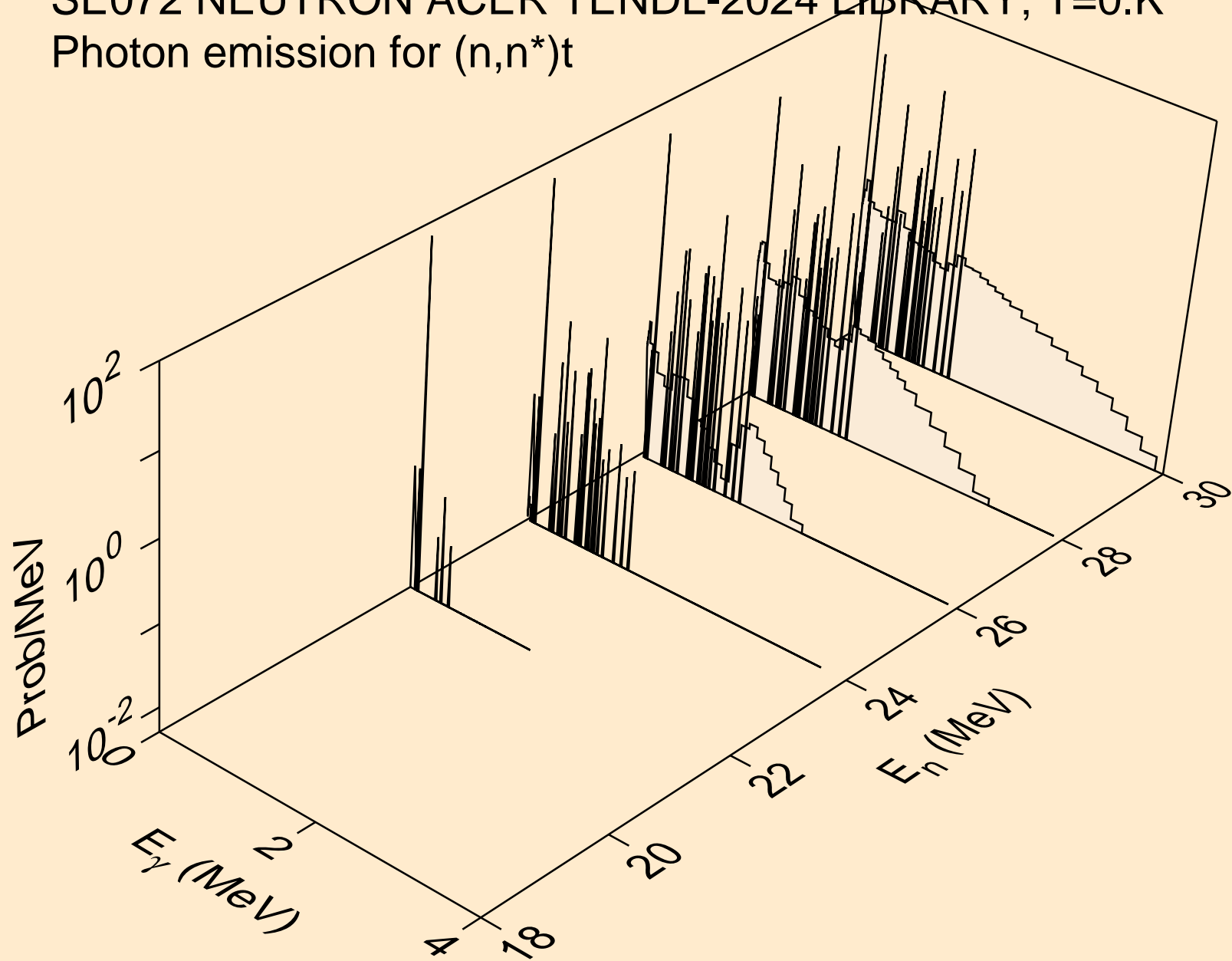
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



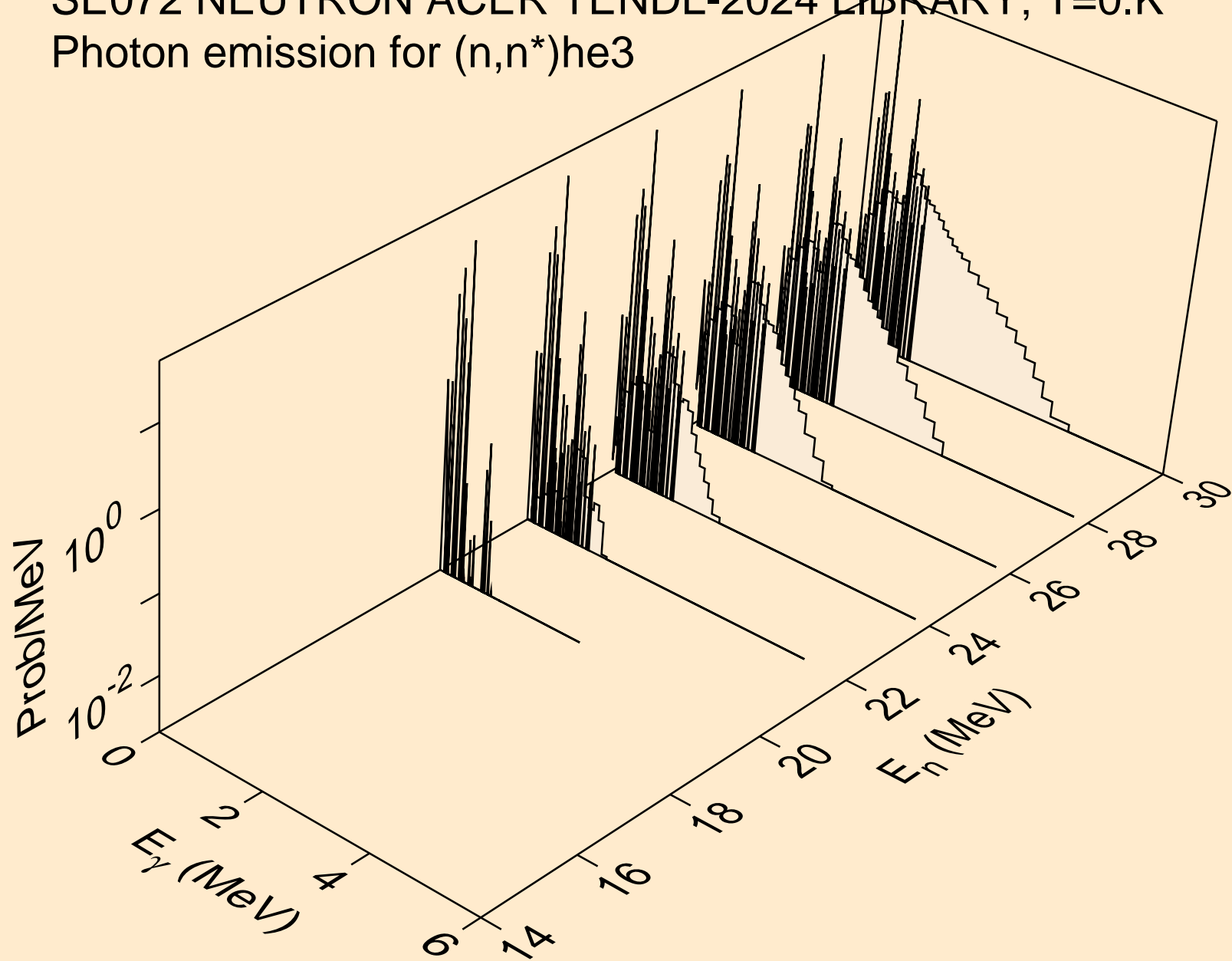
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Photon emission for (n,n\*)d



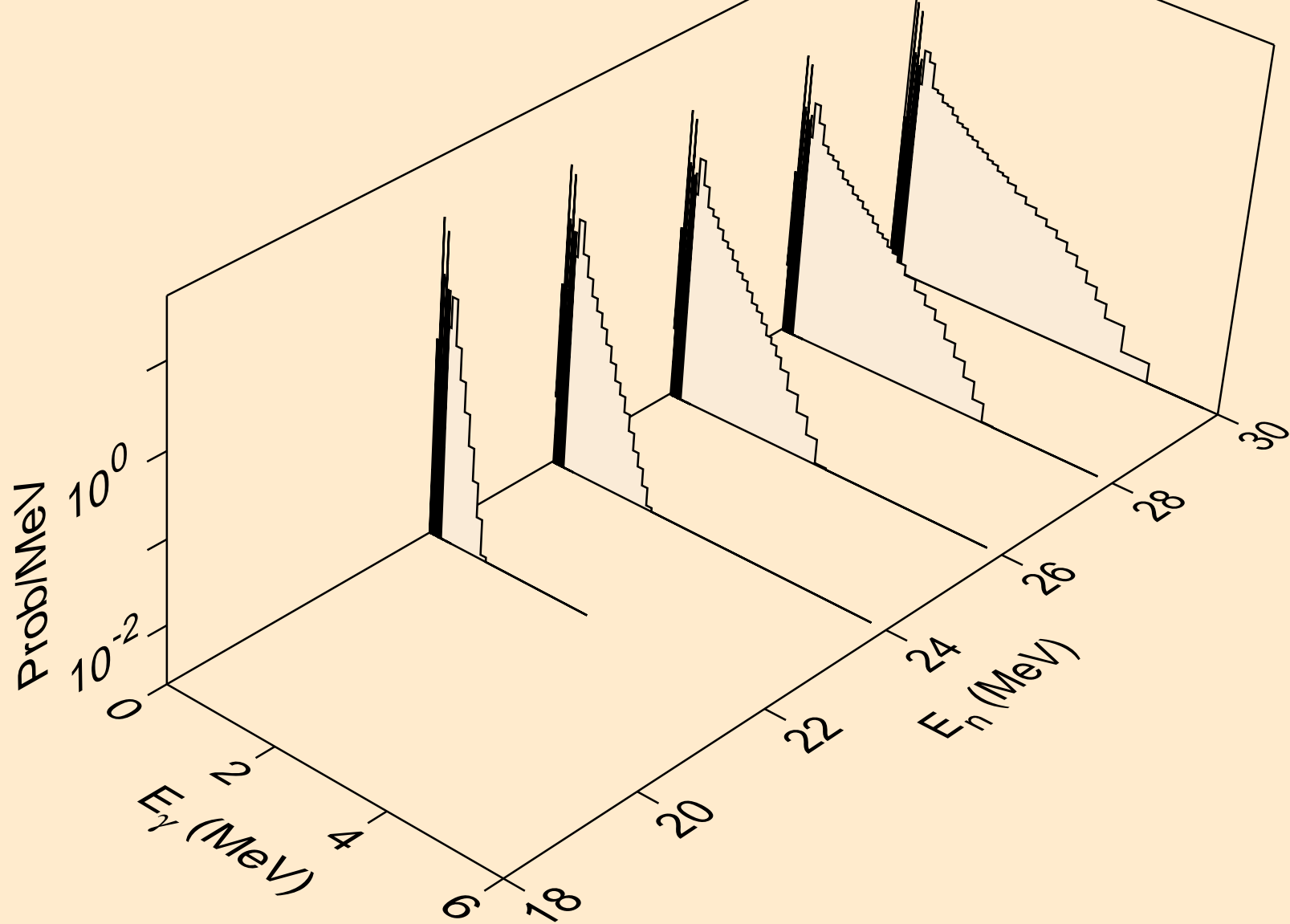
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Photon emission for (n,n\*)t



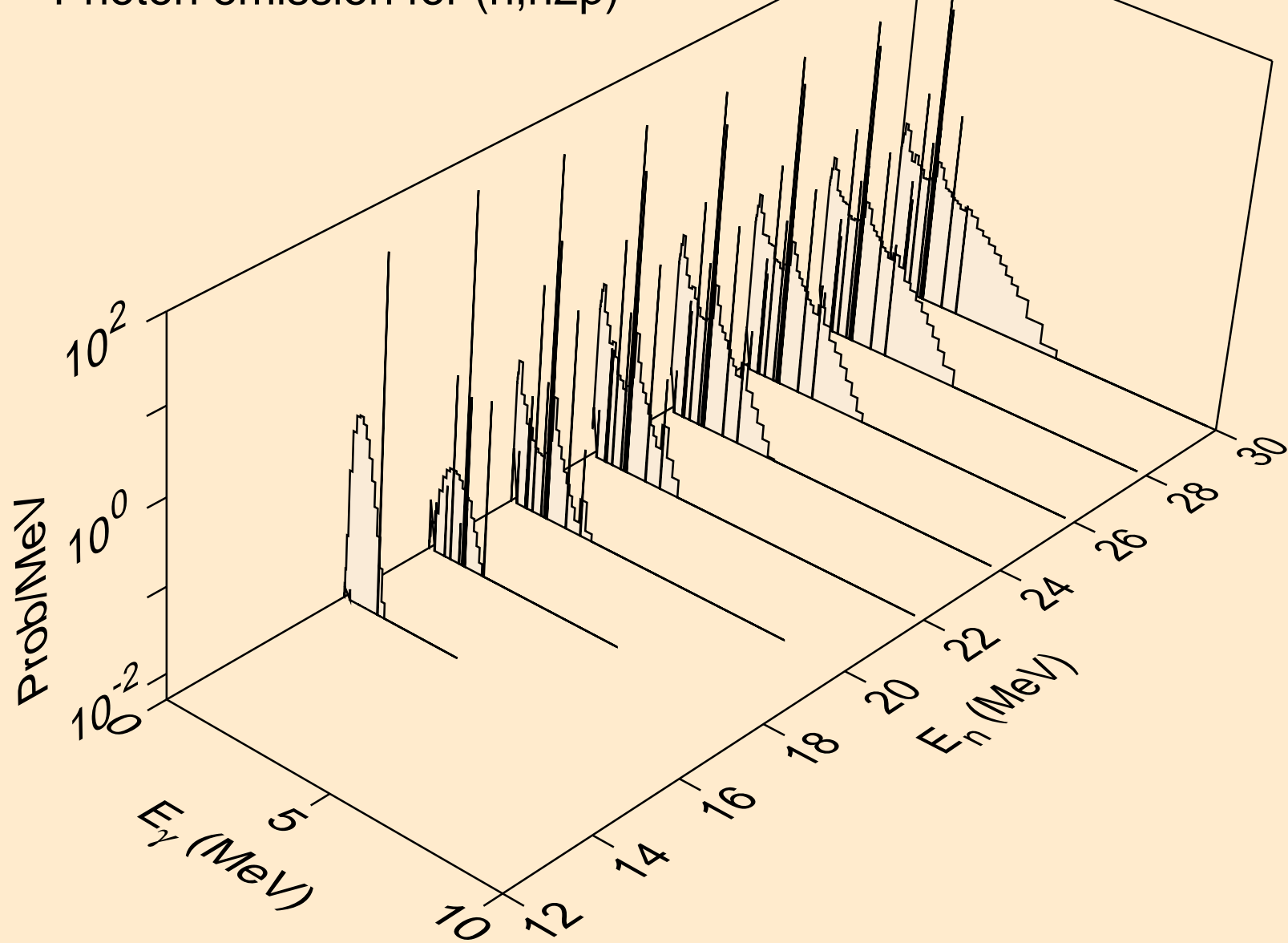
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

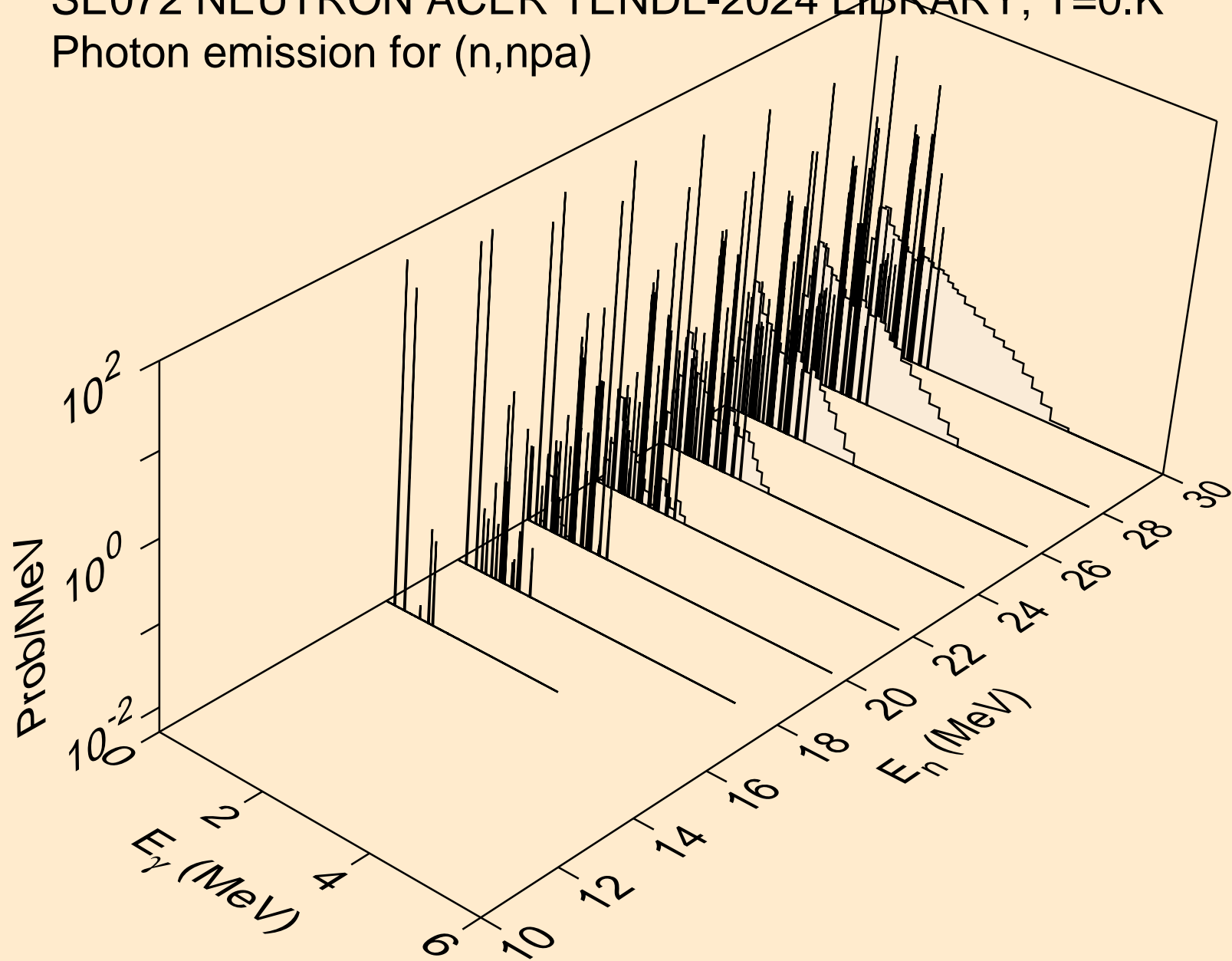


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

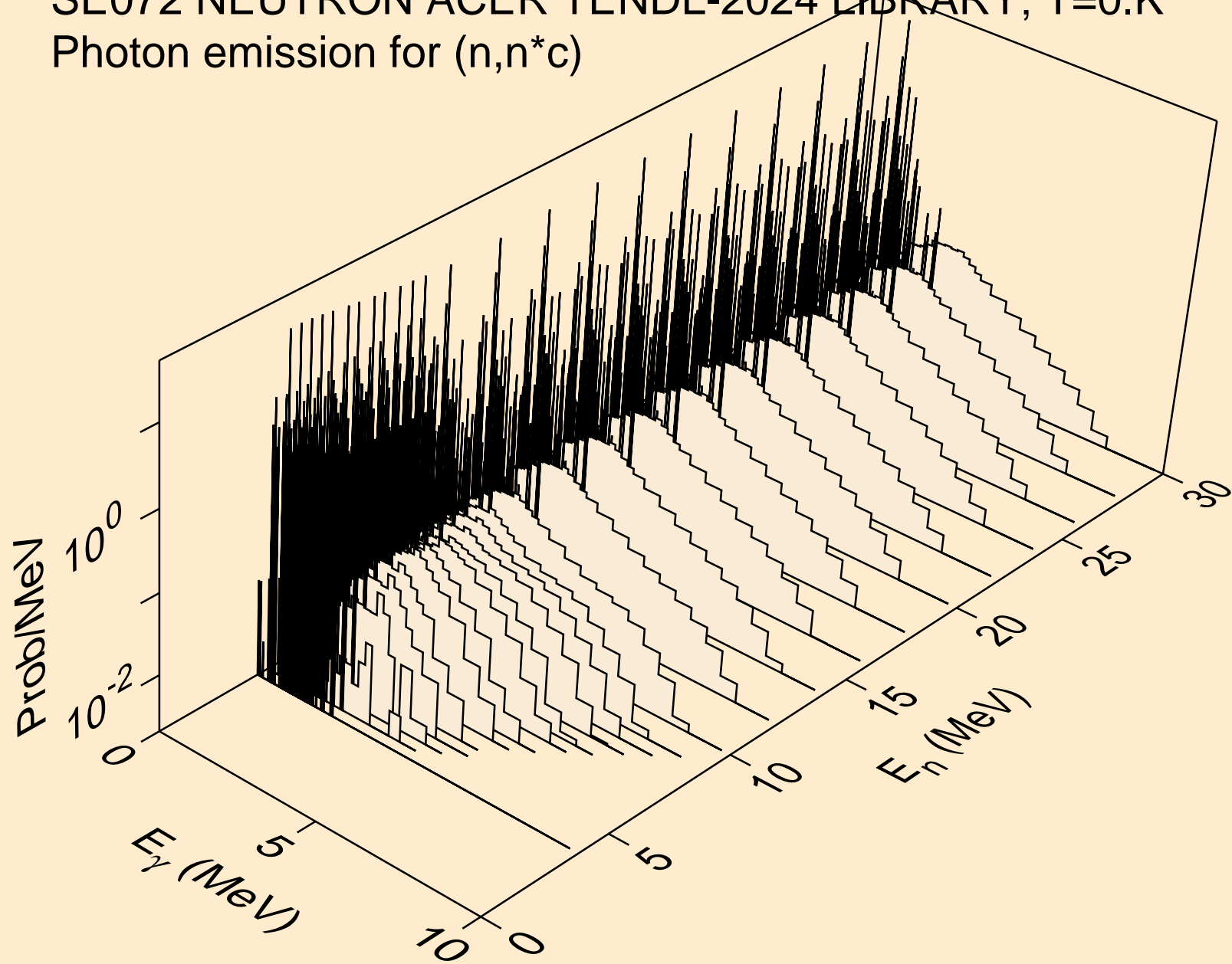




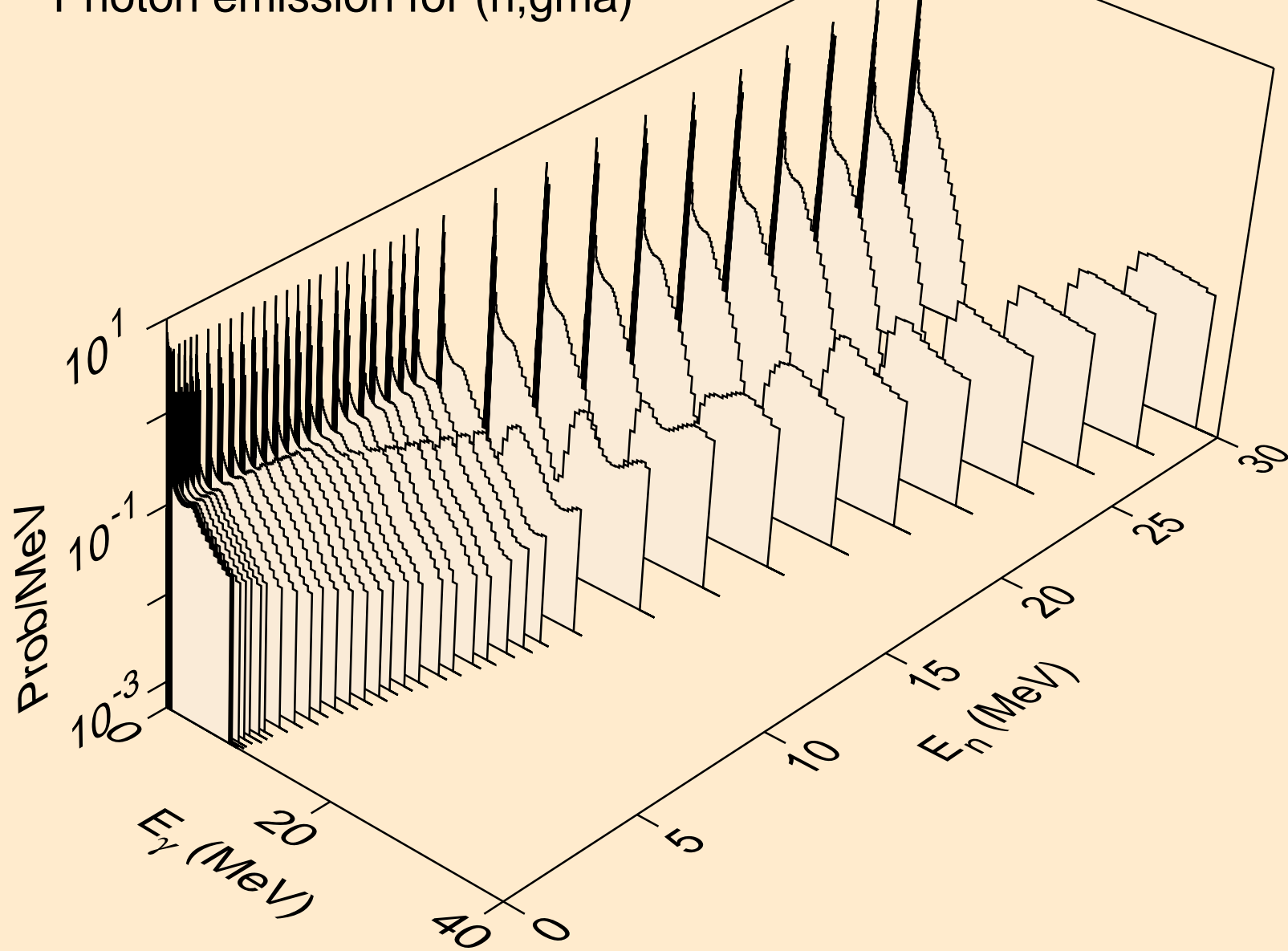
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Photon emission for (n,npa)



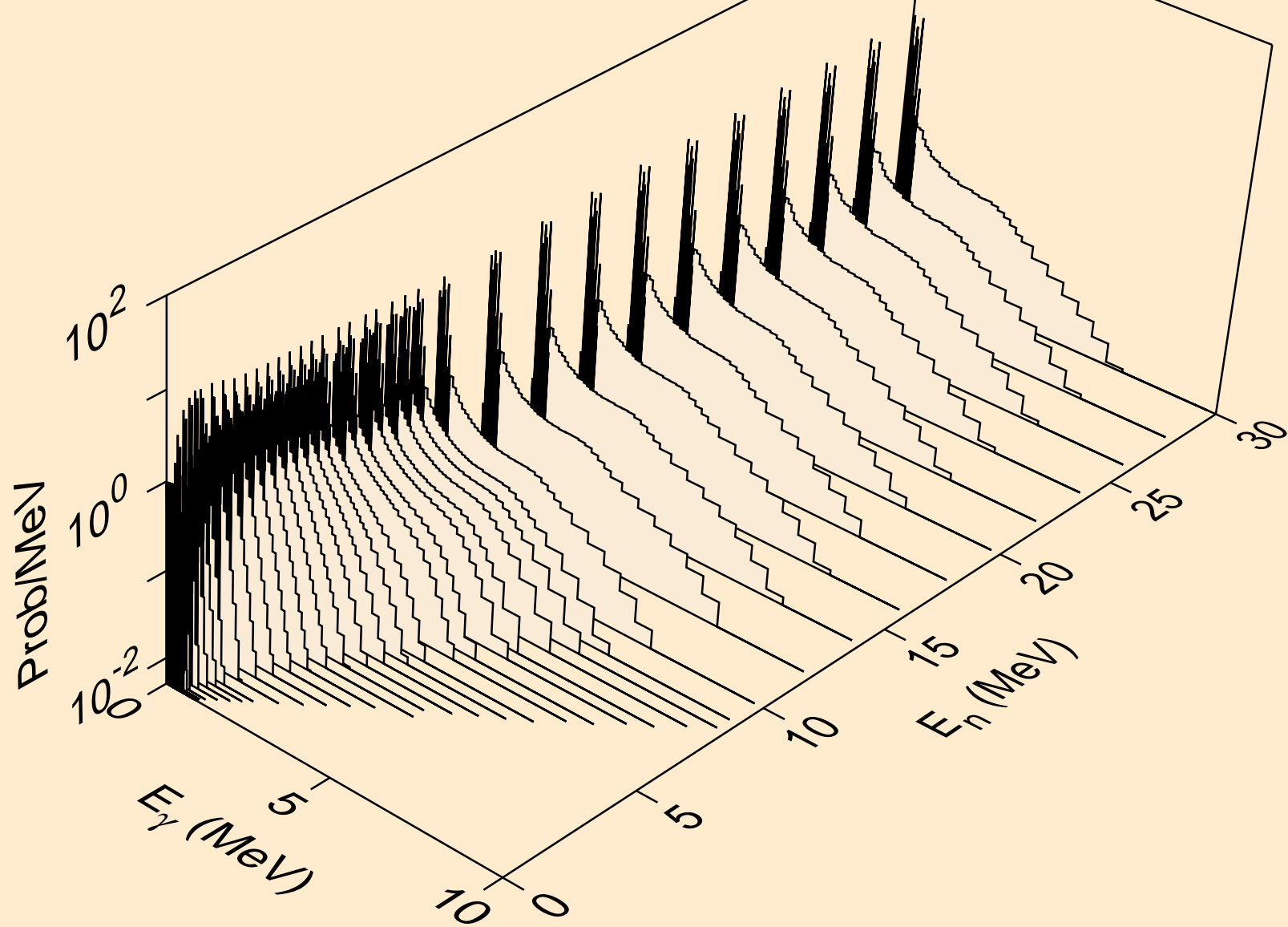
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Photon emission for (n,n\*c)



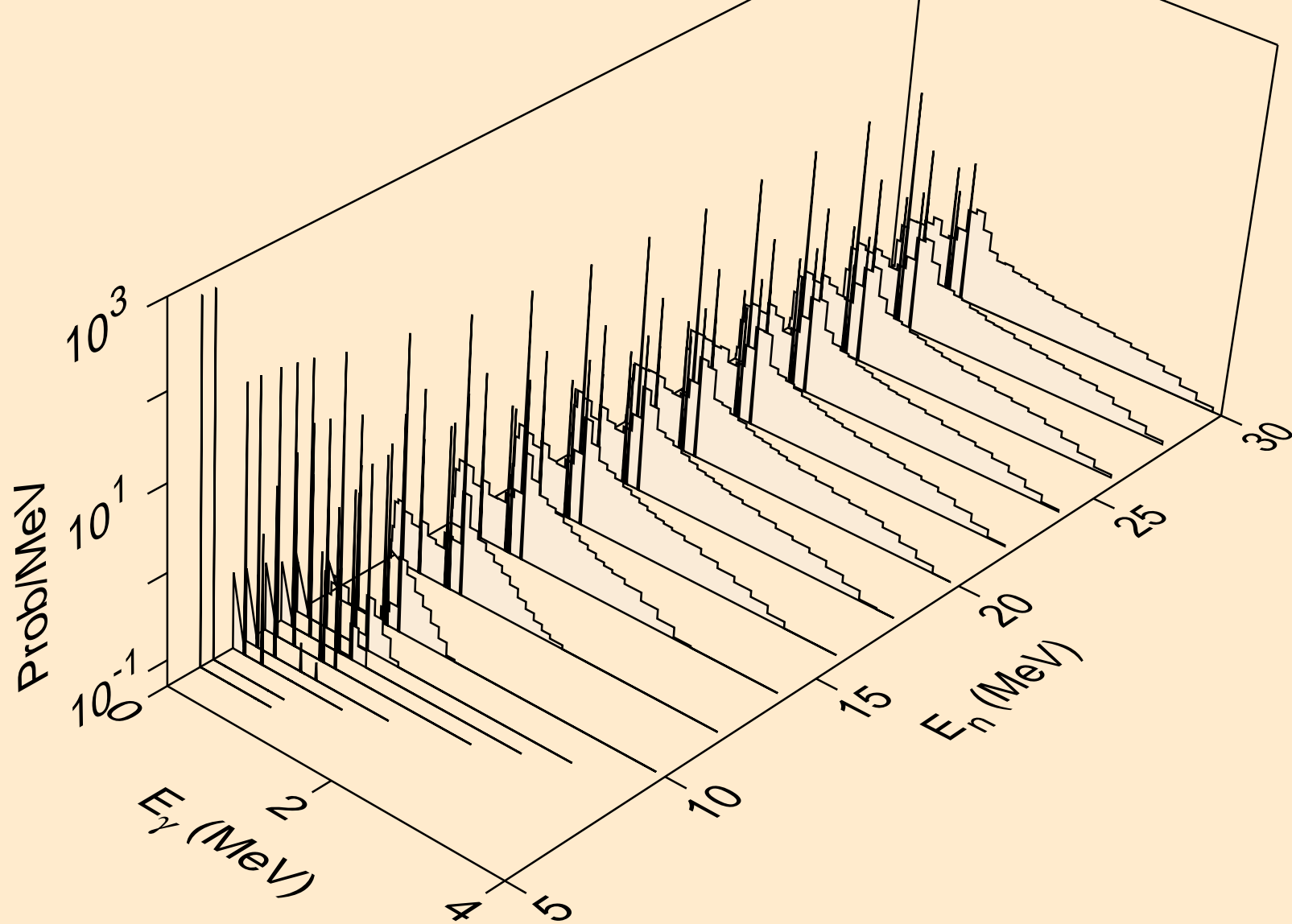
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Photon emission for (n,gma)



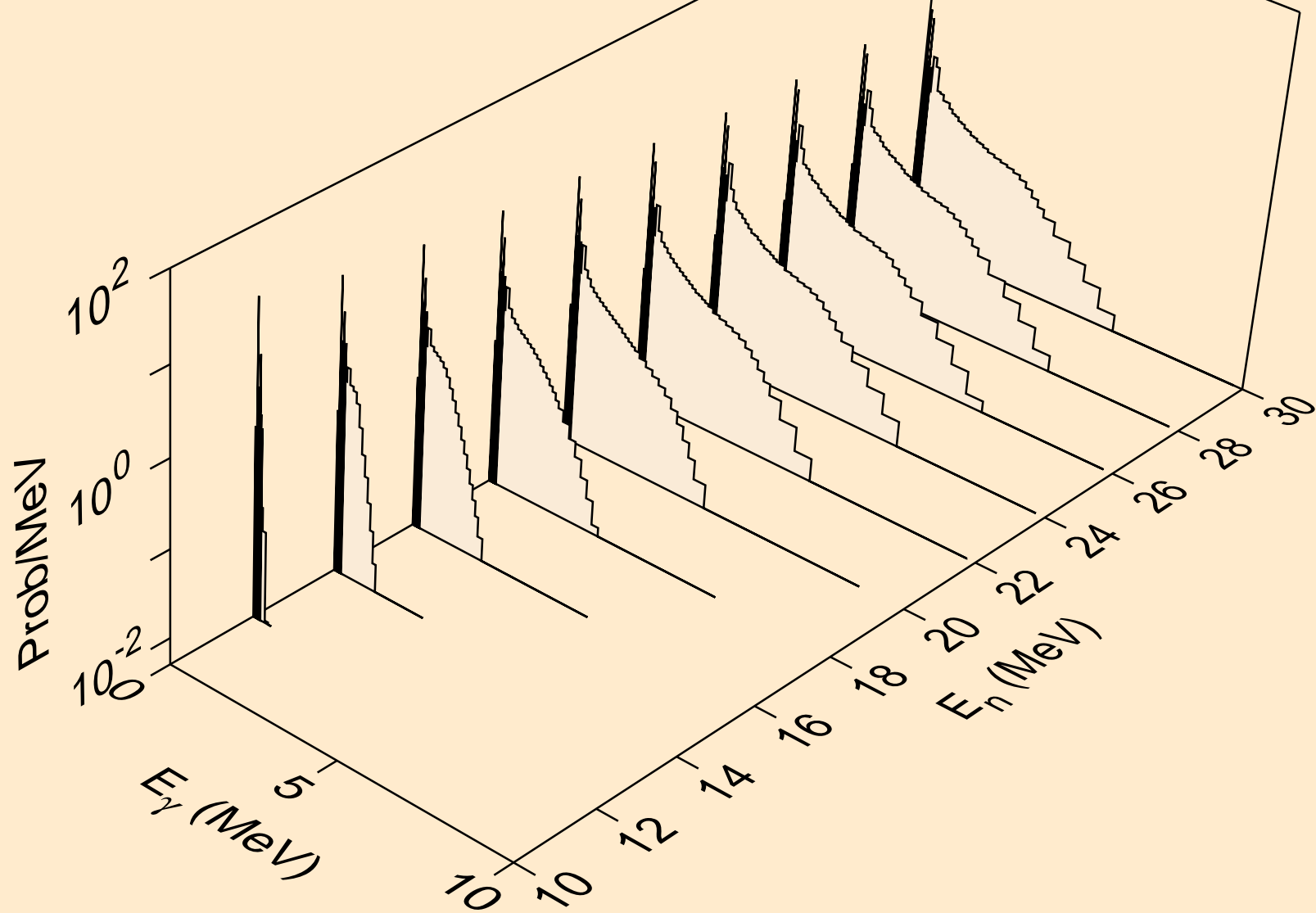
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Photon emission for (n,p)



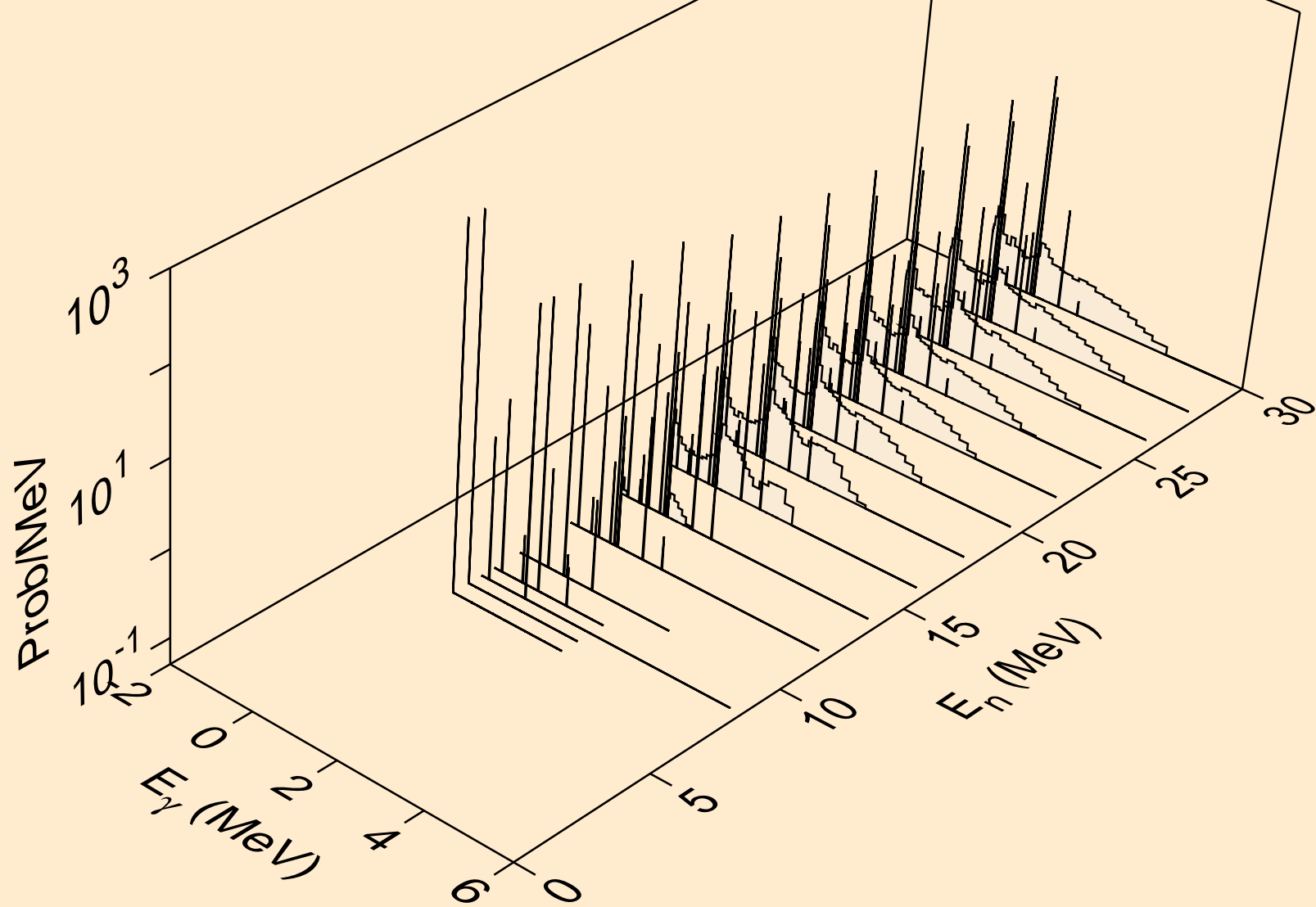
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Photon emission for (n,d)



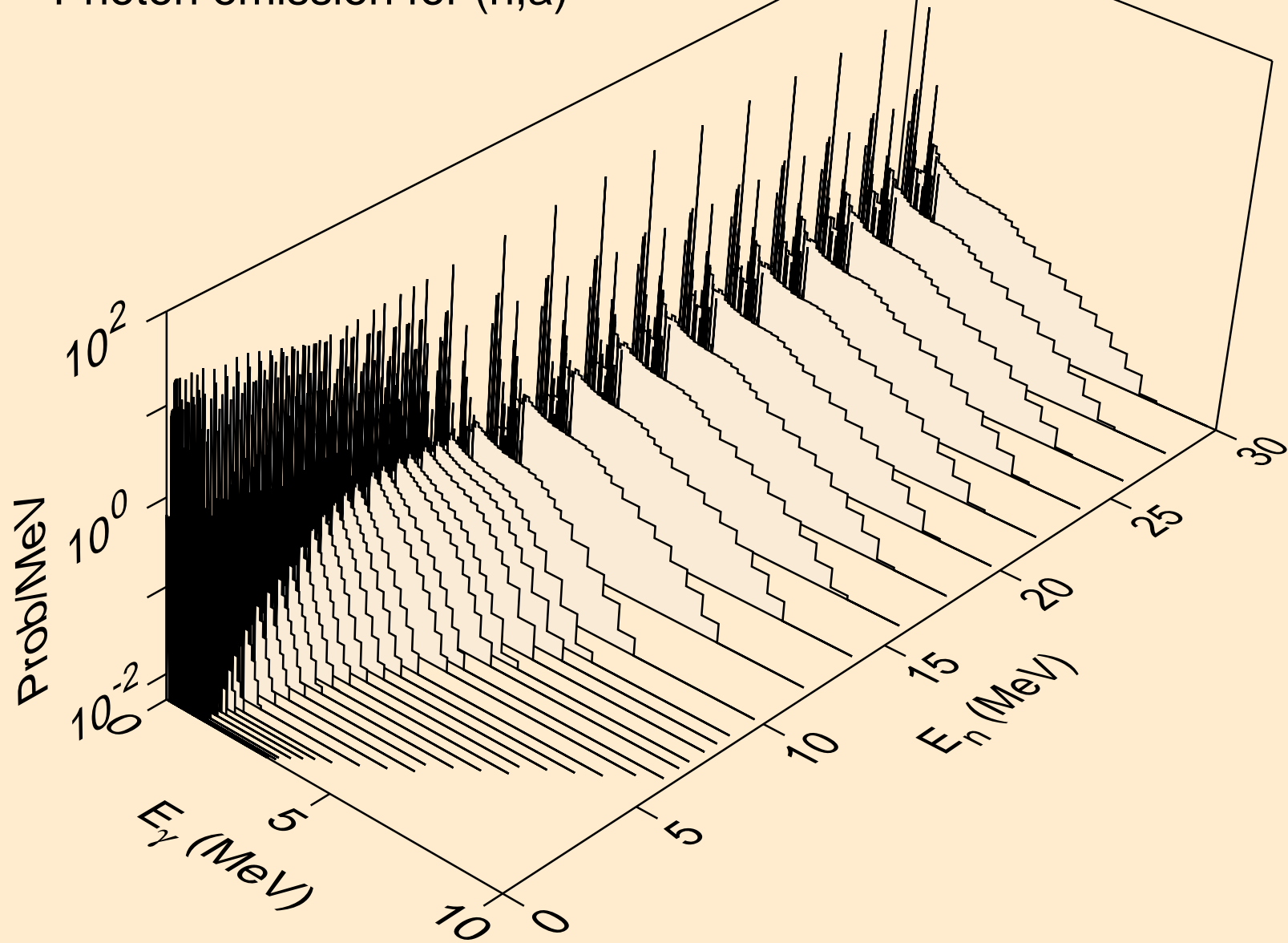
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

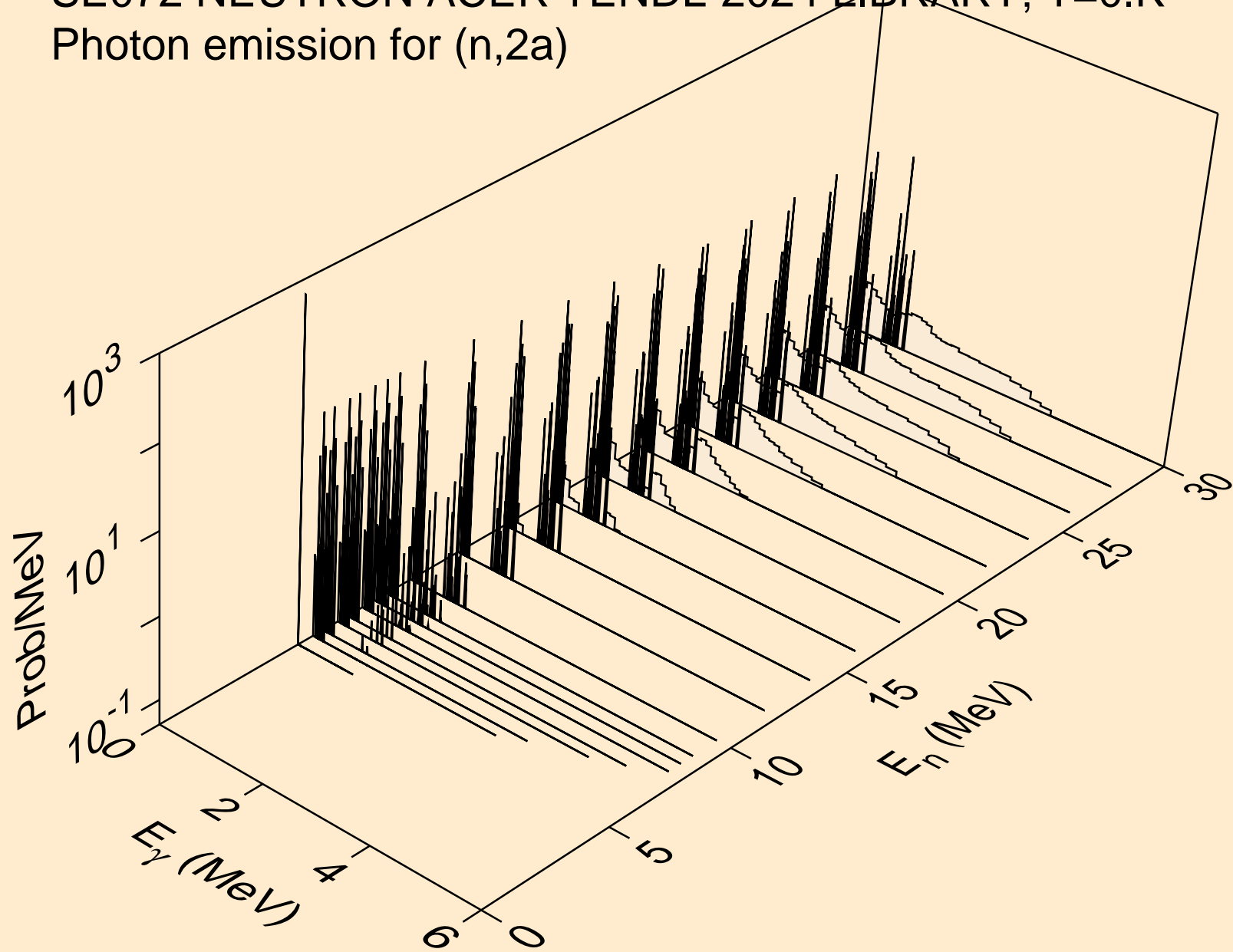


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

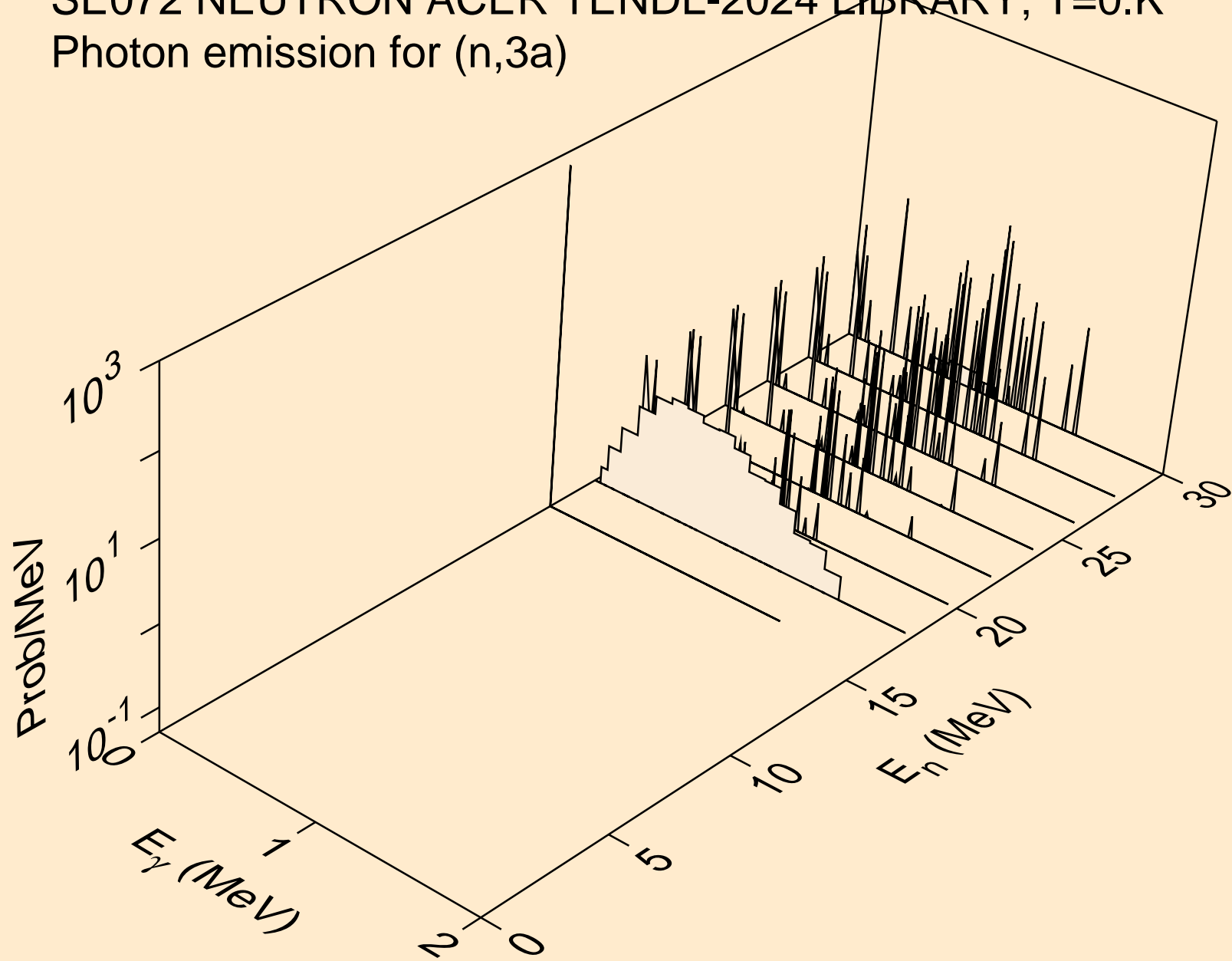




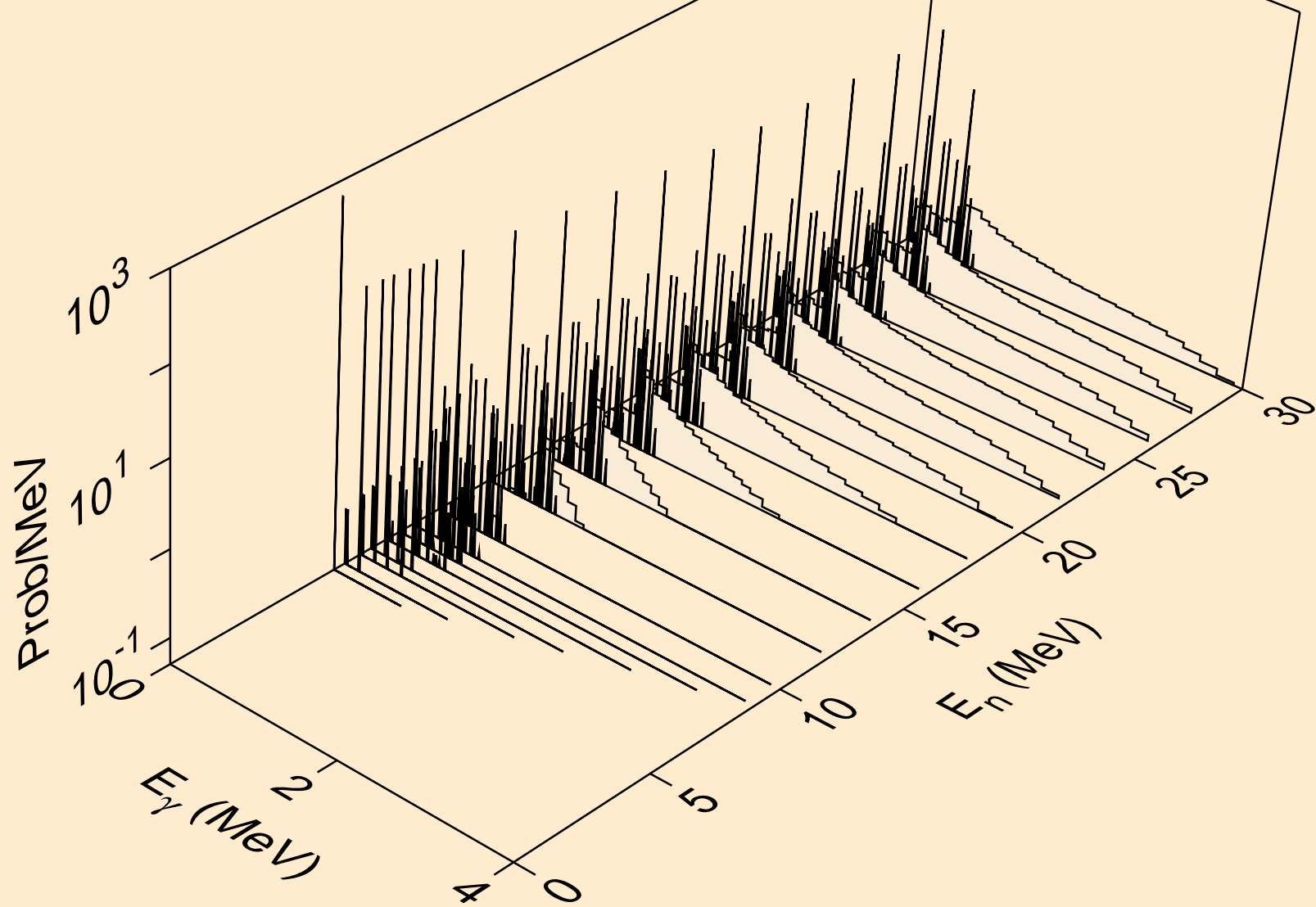
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Photon emission for (n,2a)



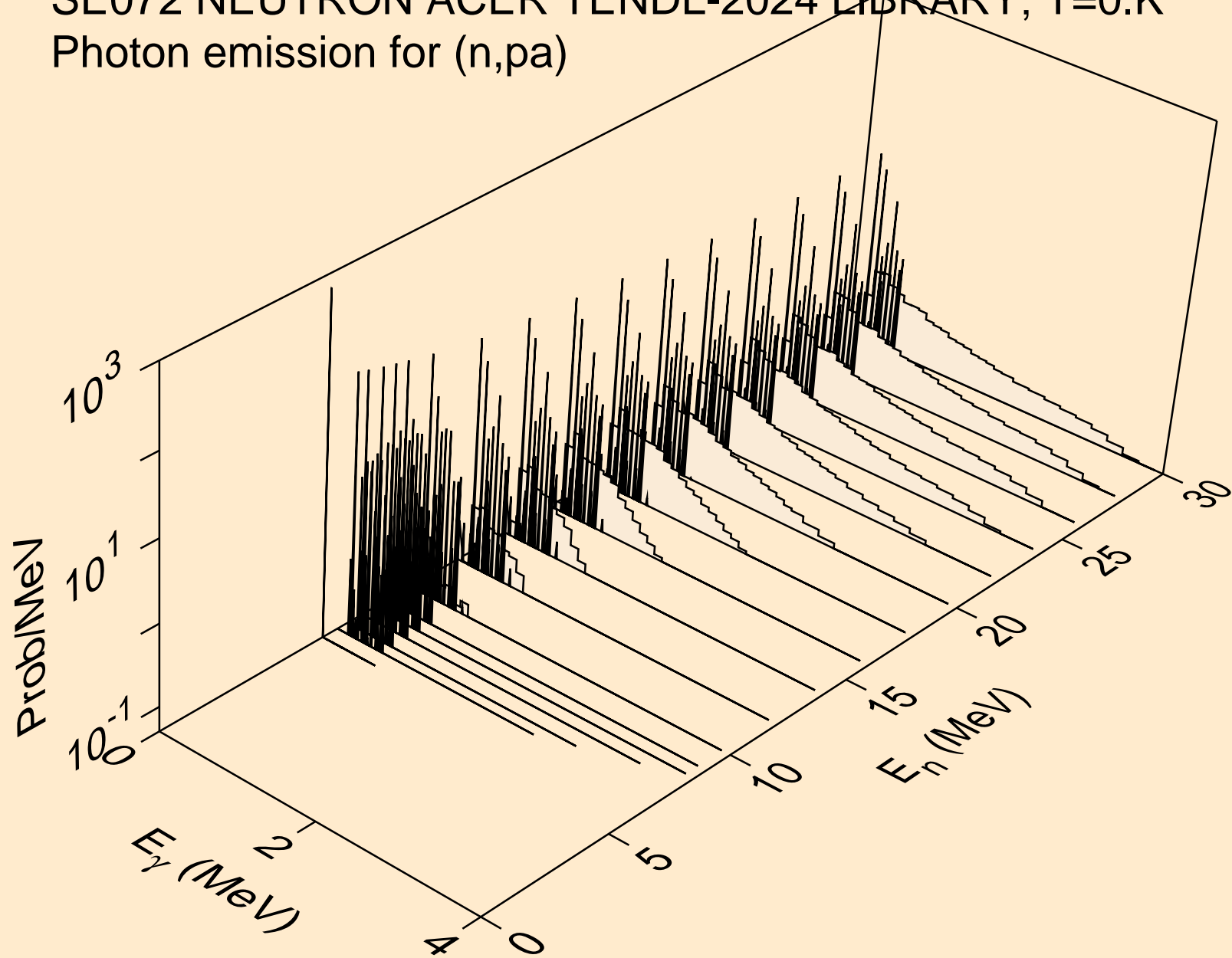
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Photon emission for (n,3a)



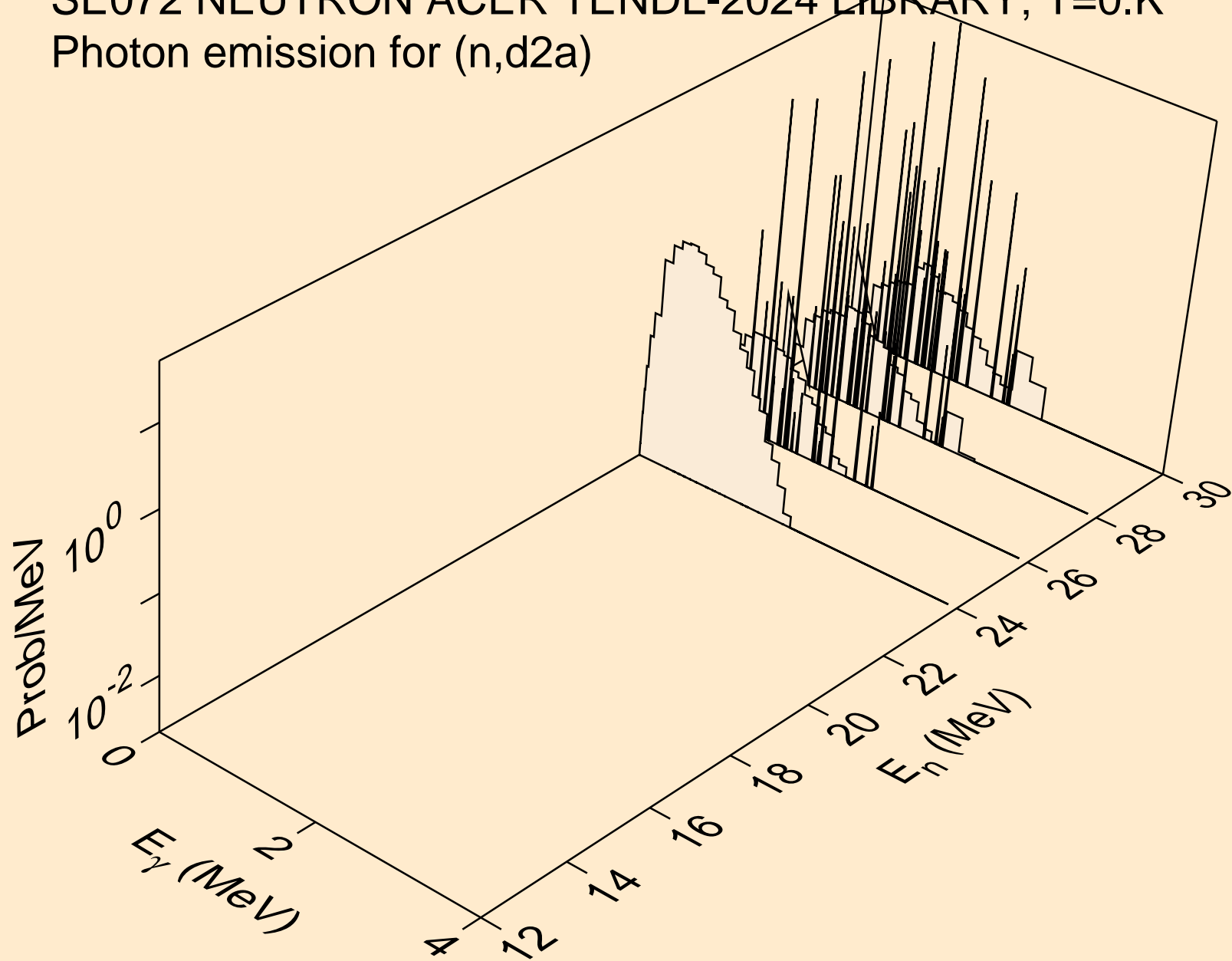
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Photon emission for (n,2p)



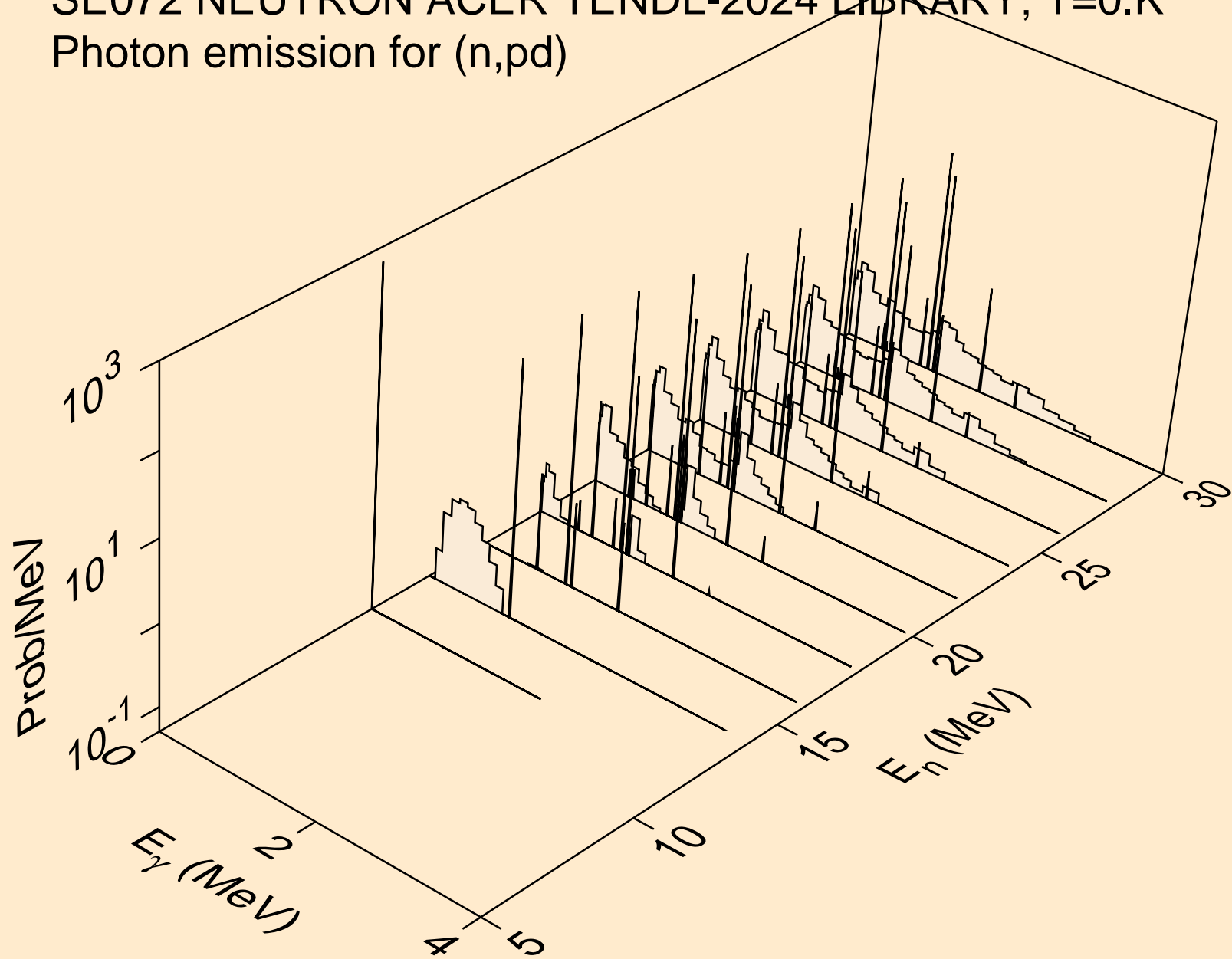
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Photon emission for (n,p $\alpha$ )



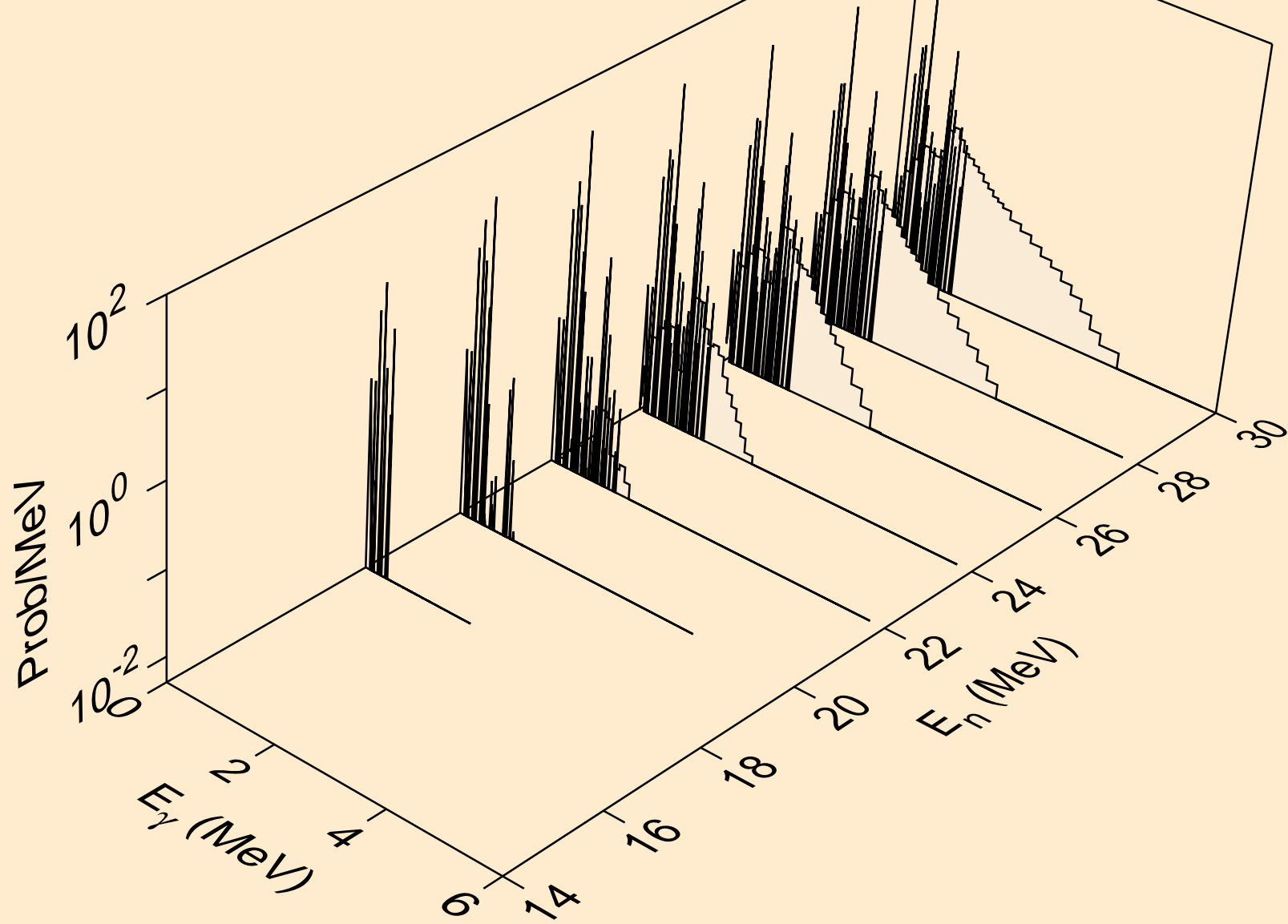
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



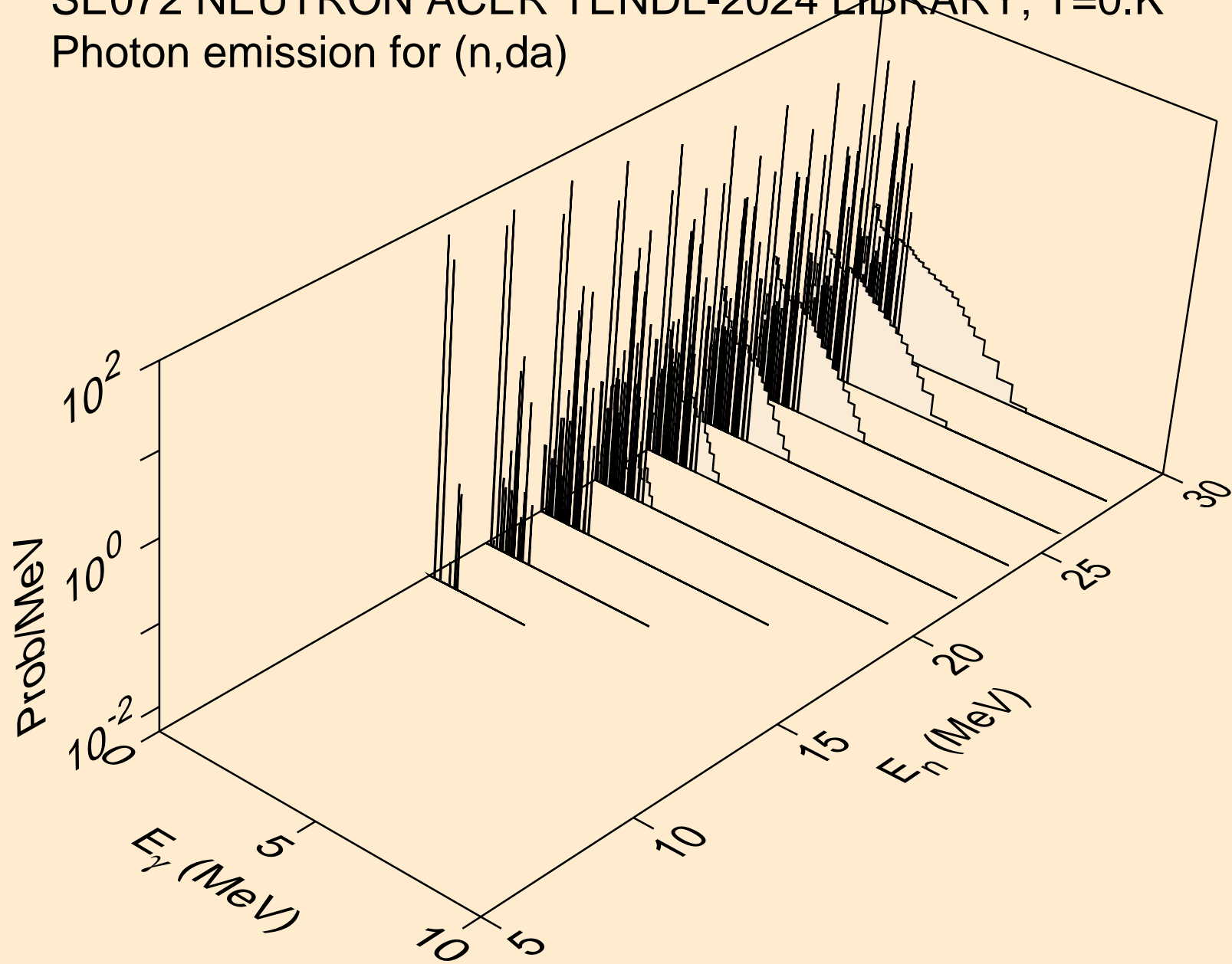
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

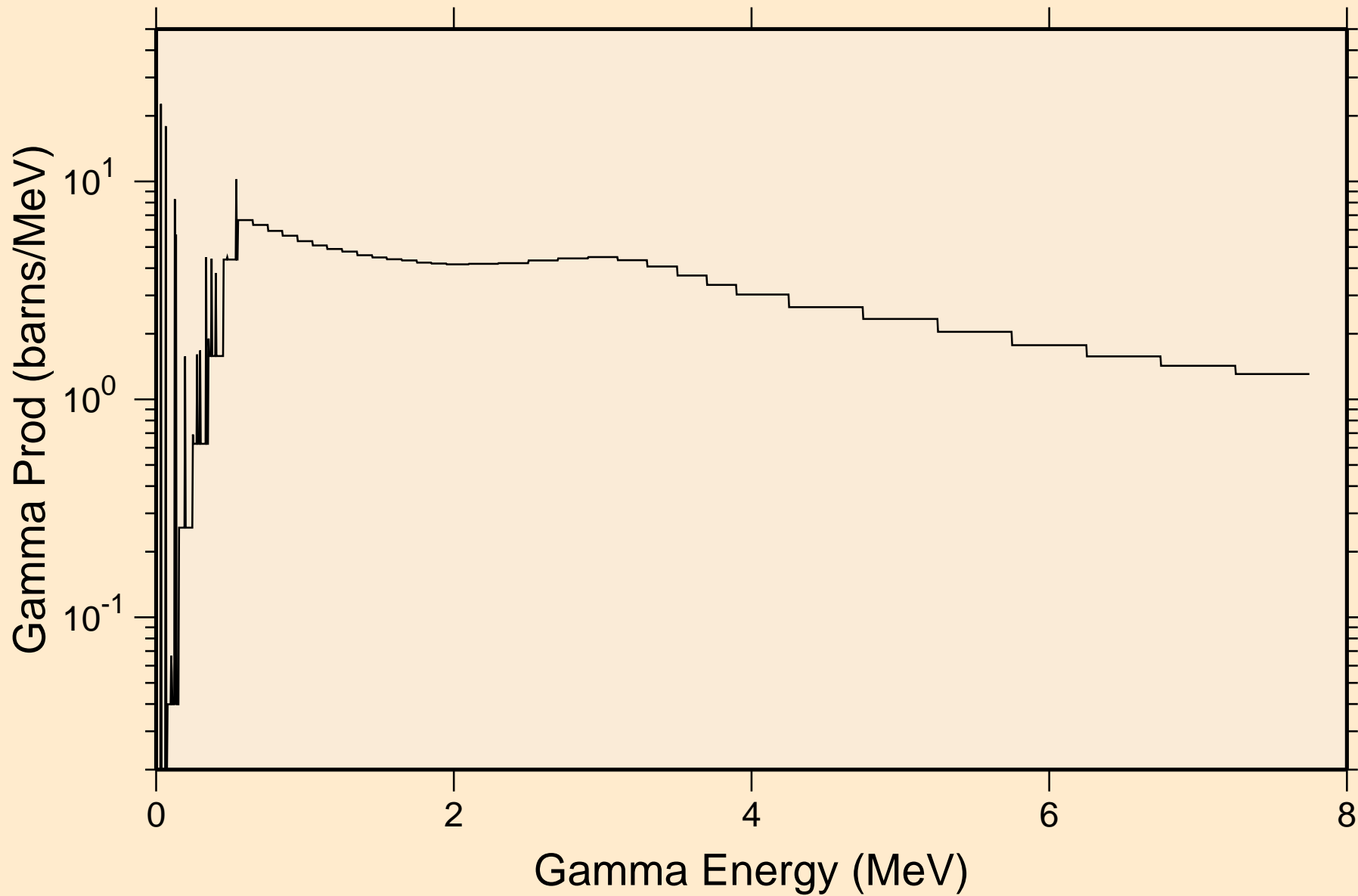


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

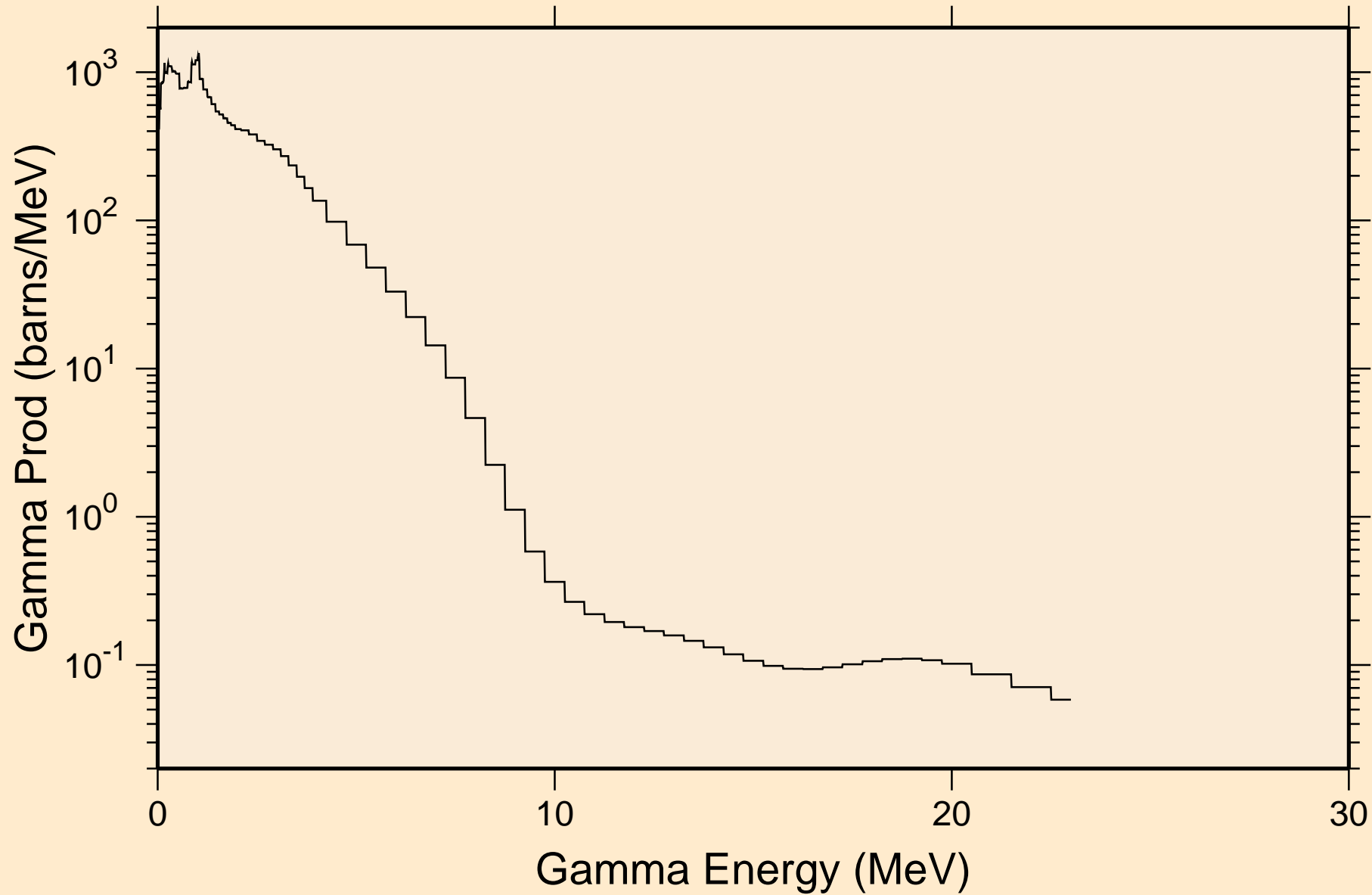




SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

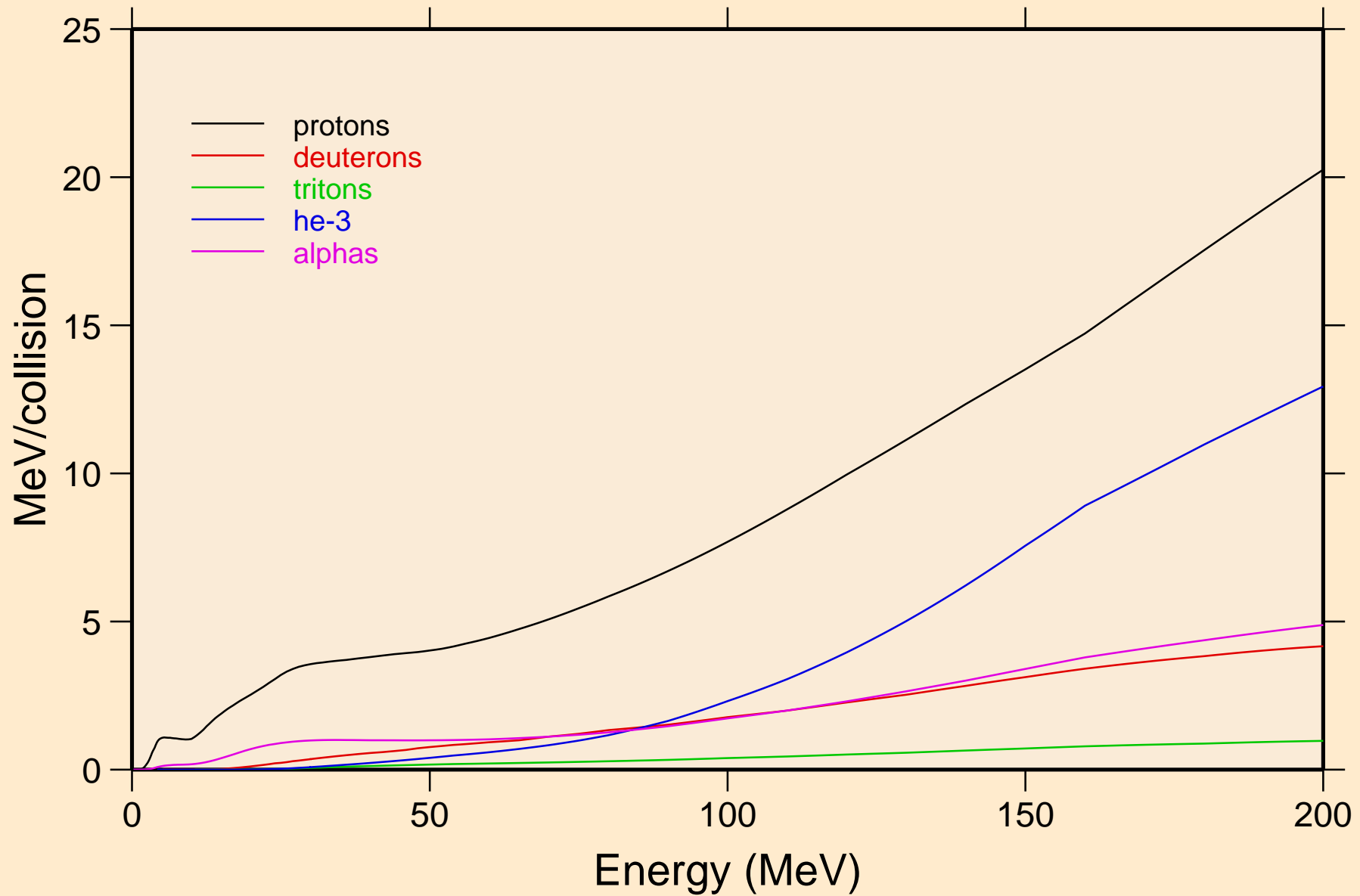


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

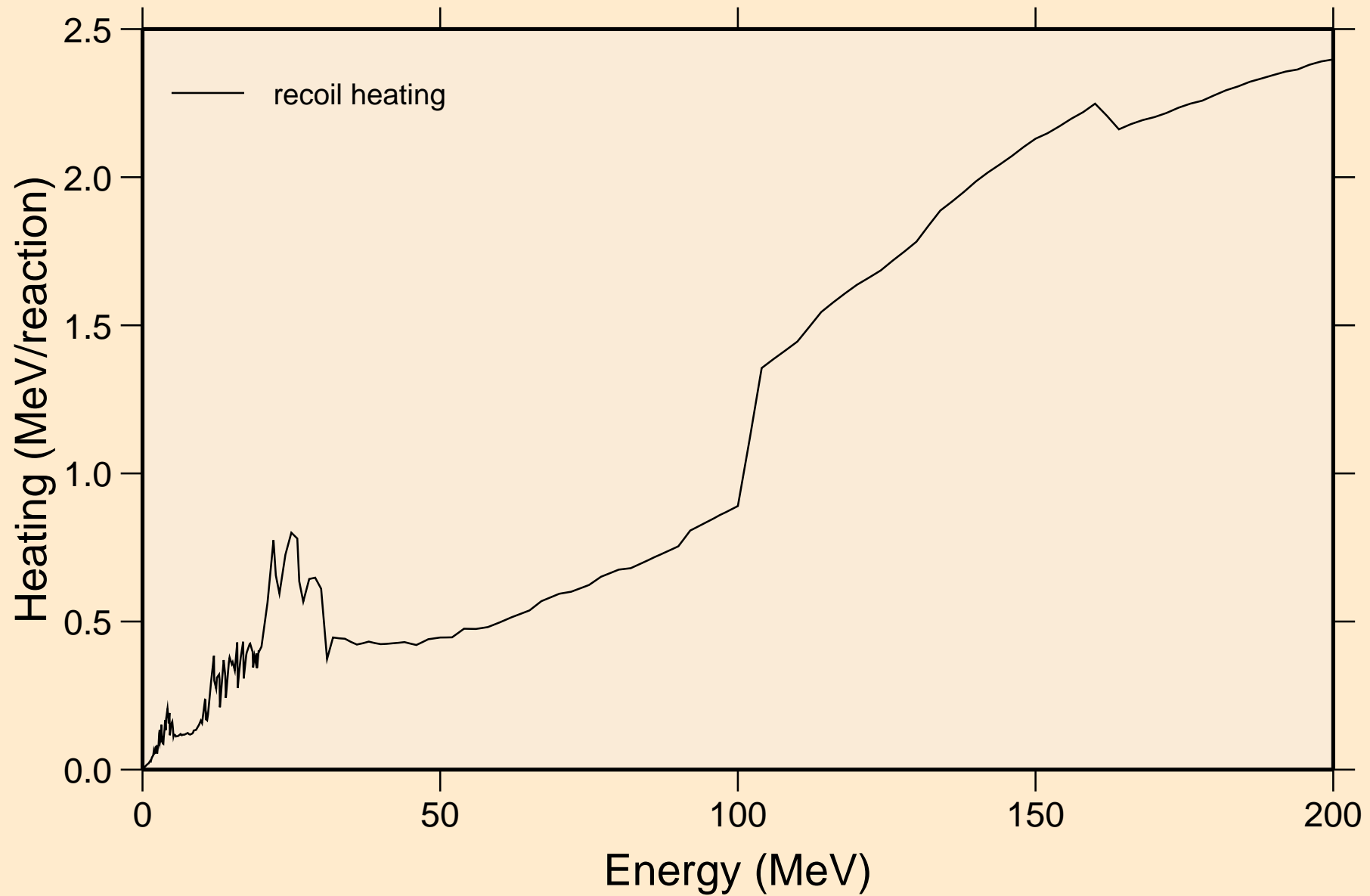


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

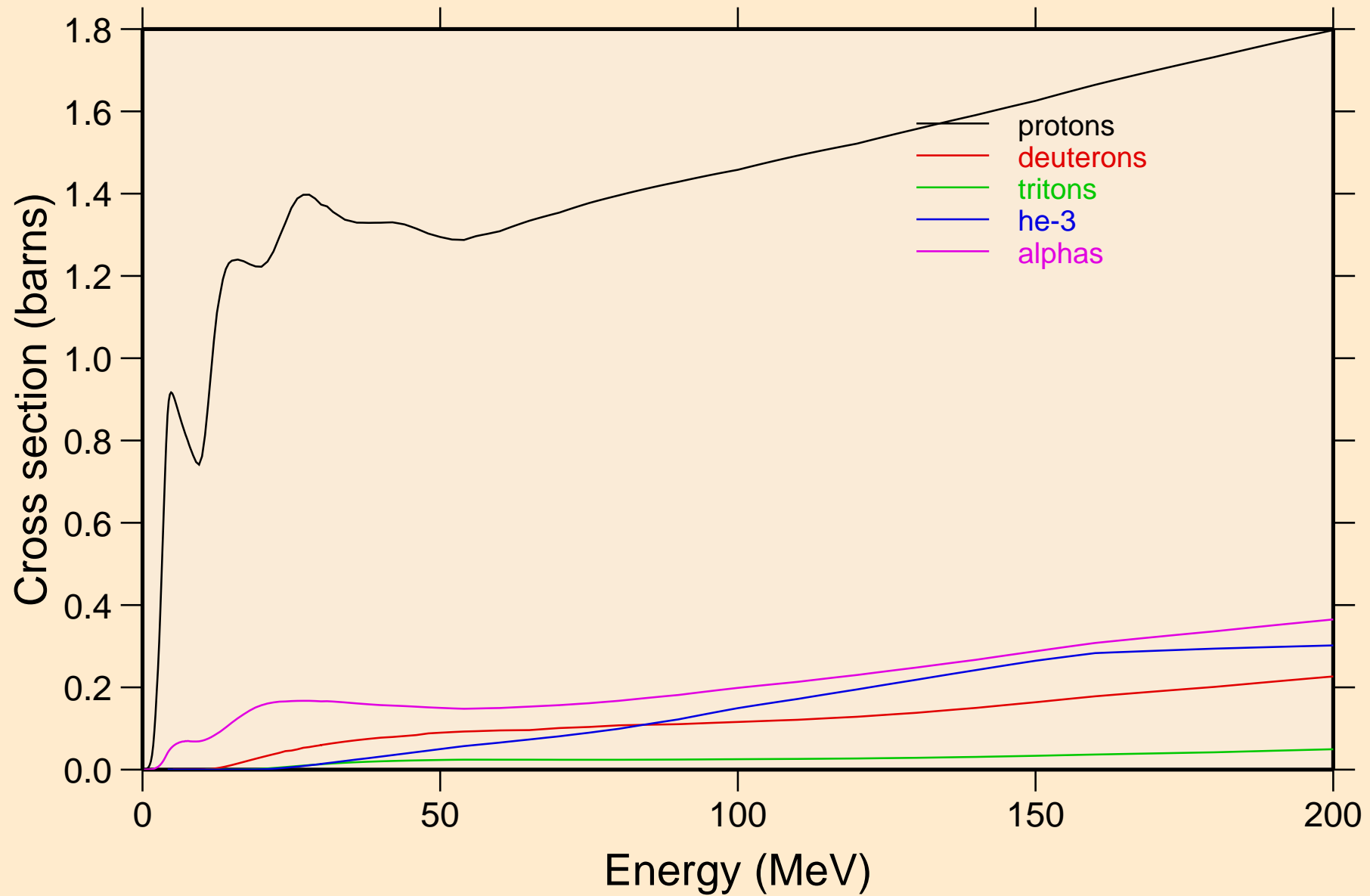


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

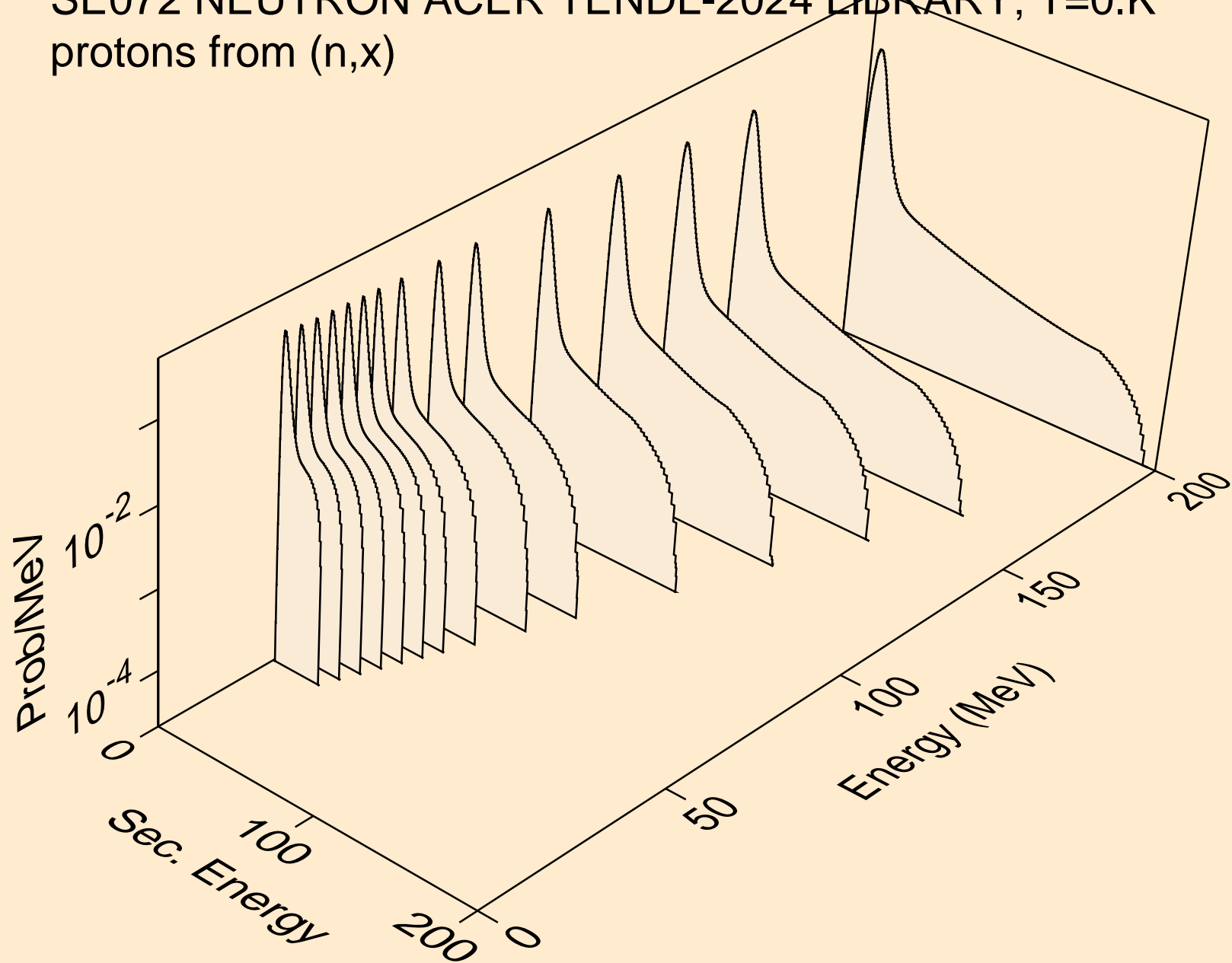


# SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

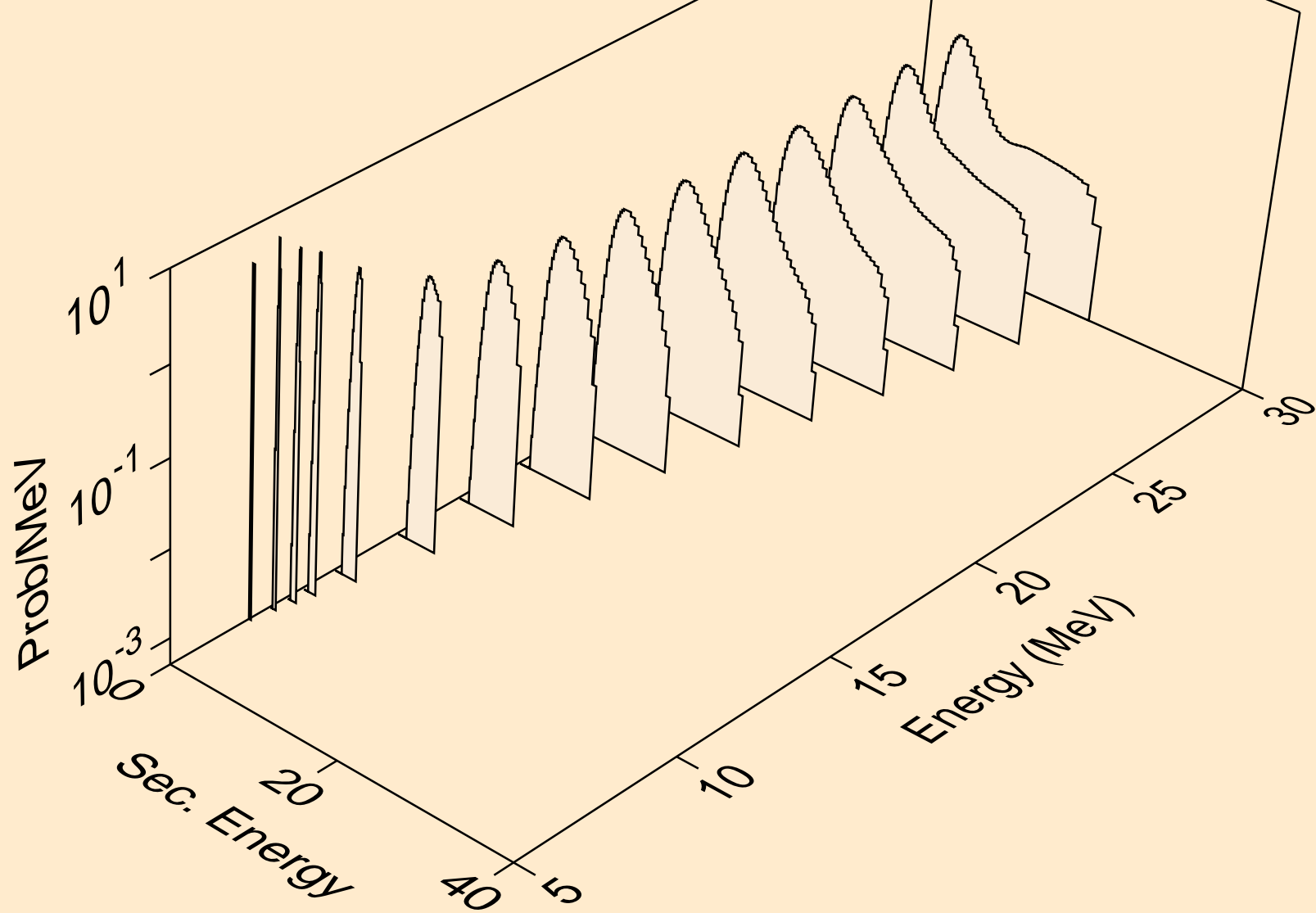
## Particle production cross sections



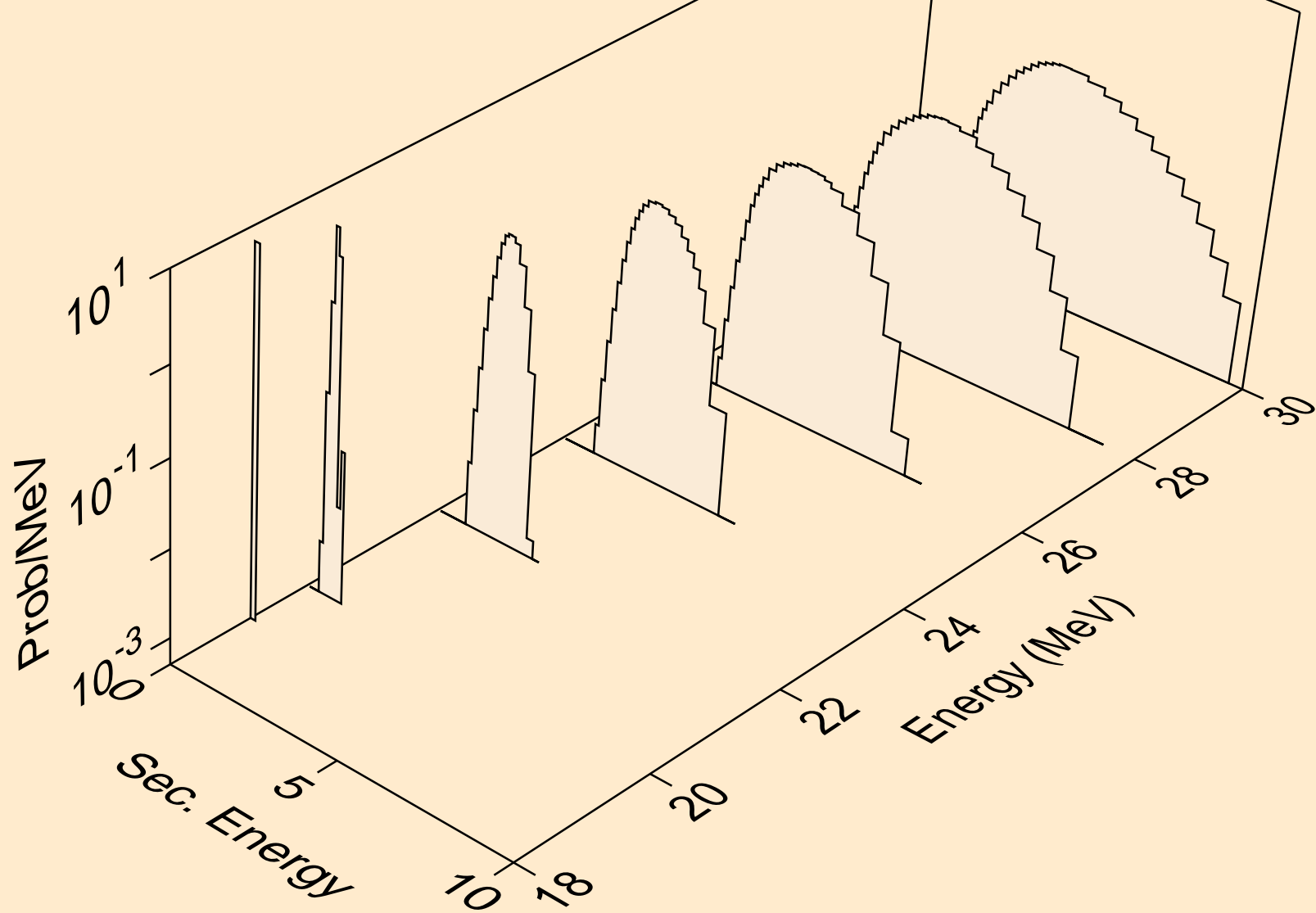
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

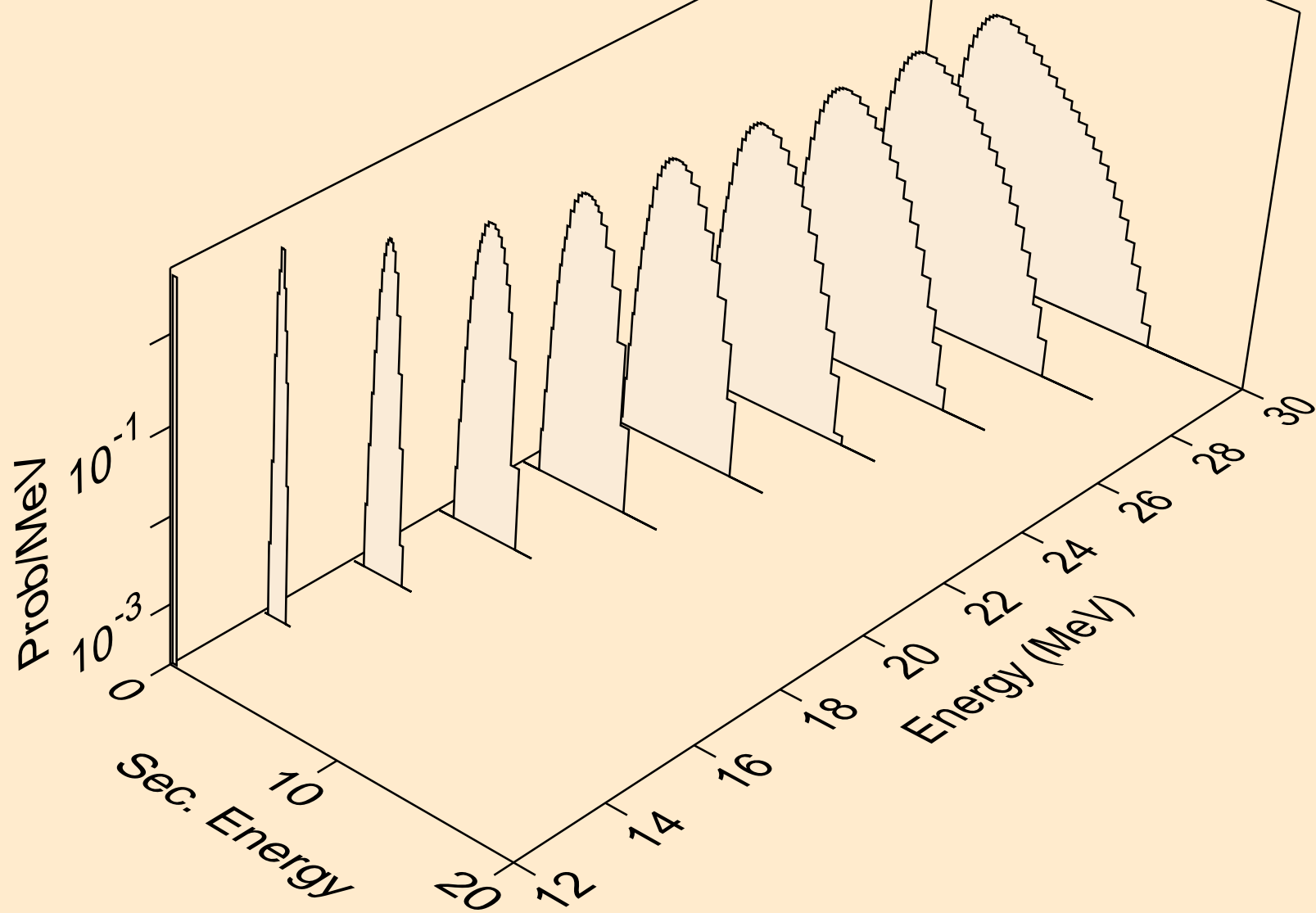


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

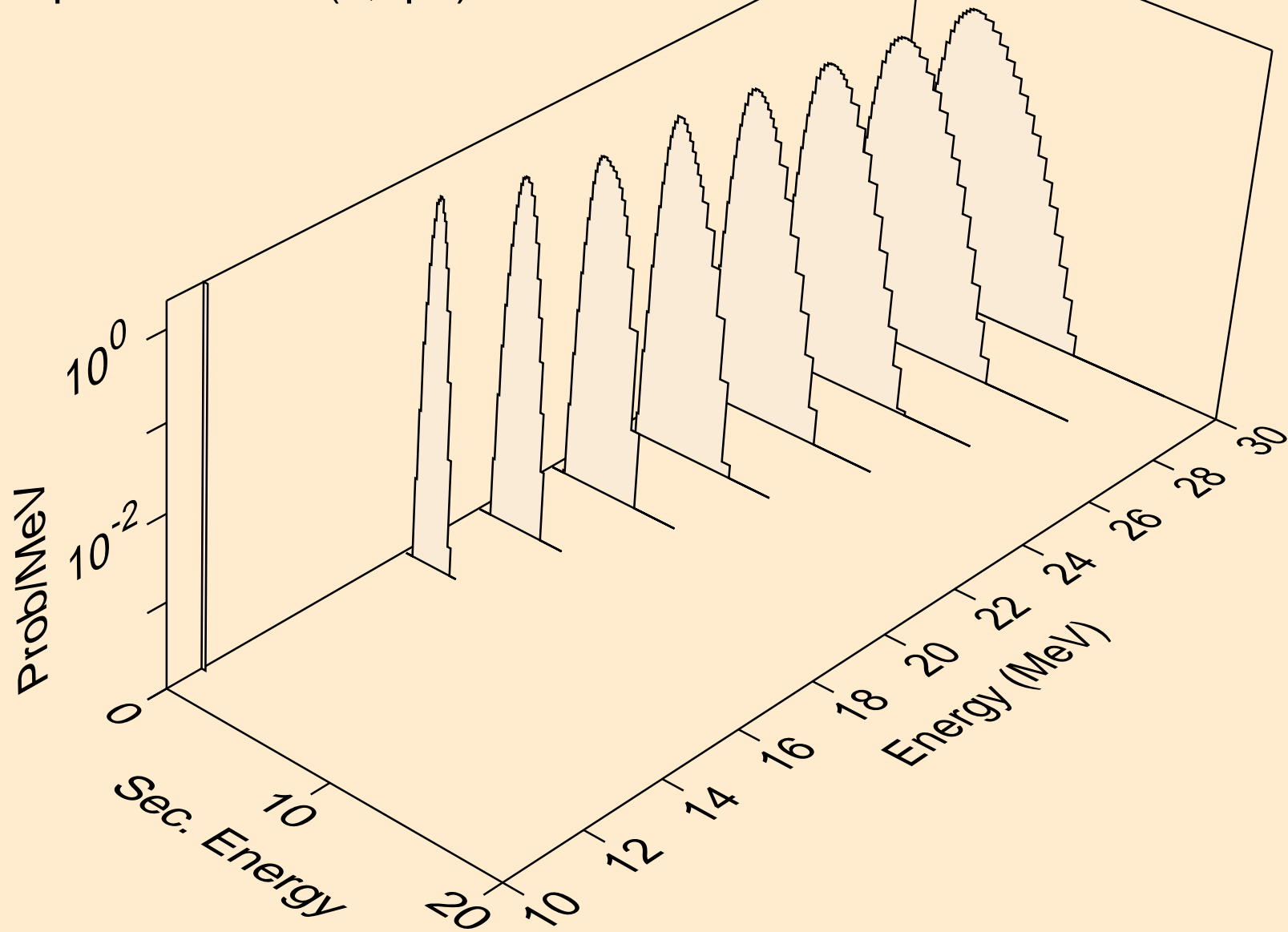




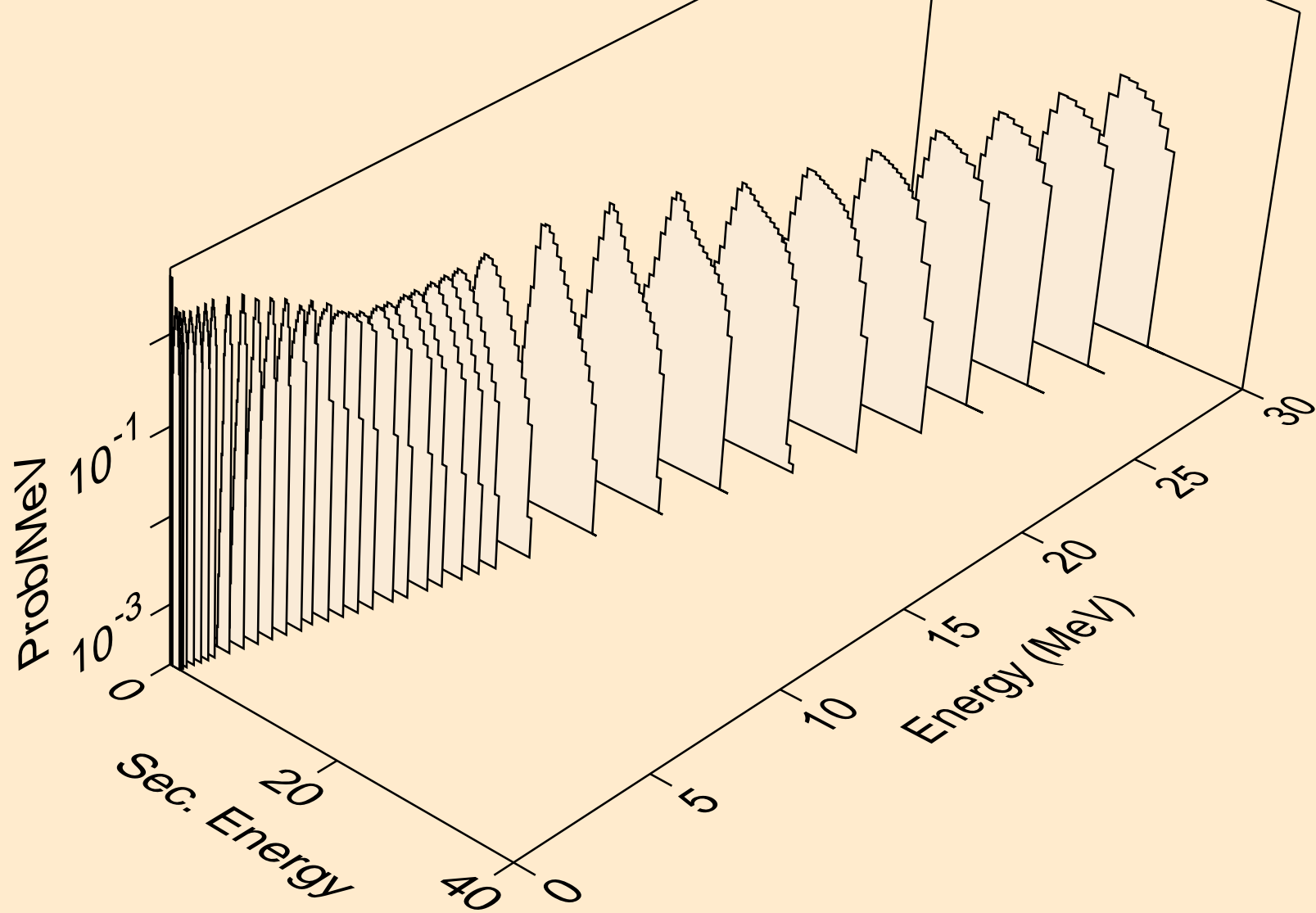
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protons from (n,n2p)



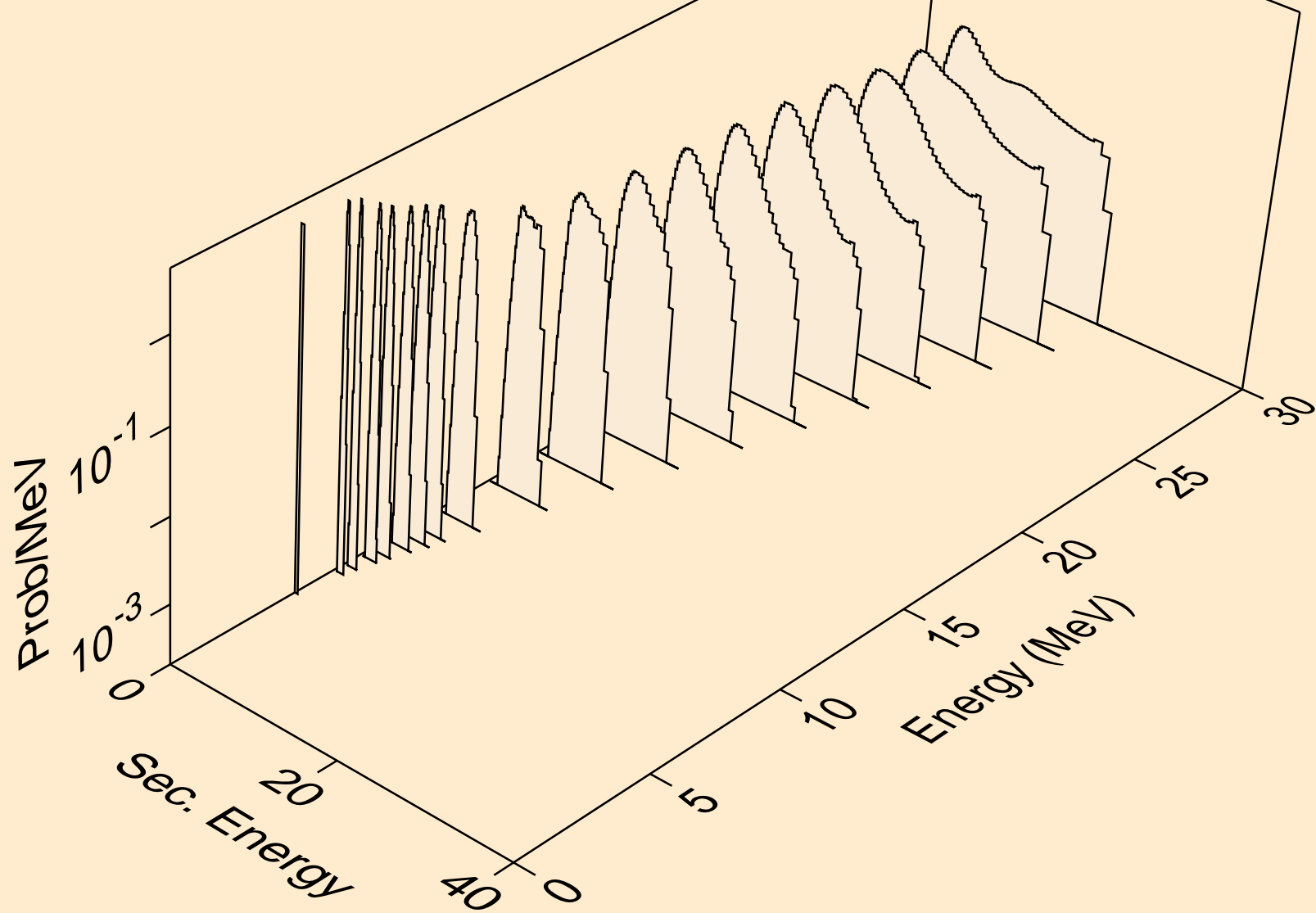
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protons from (n,npa)



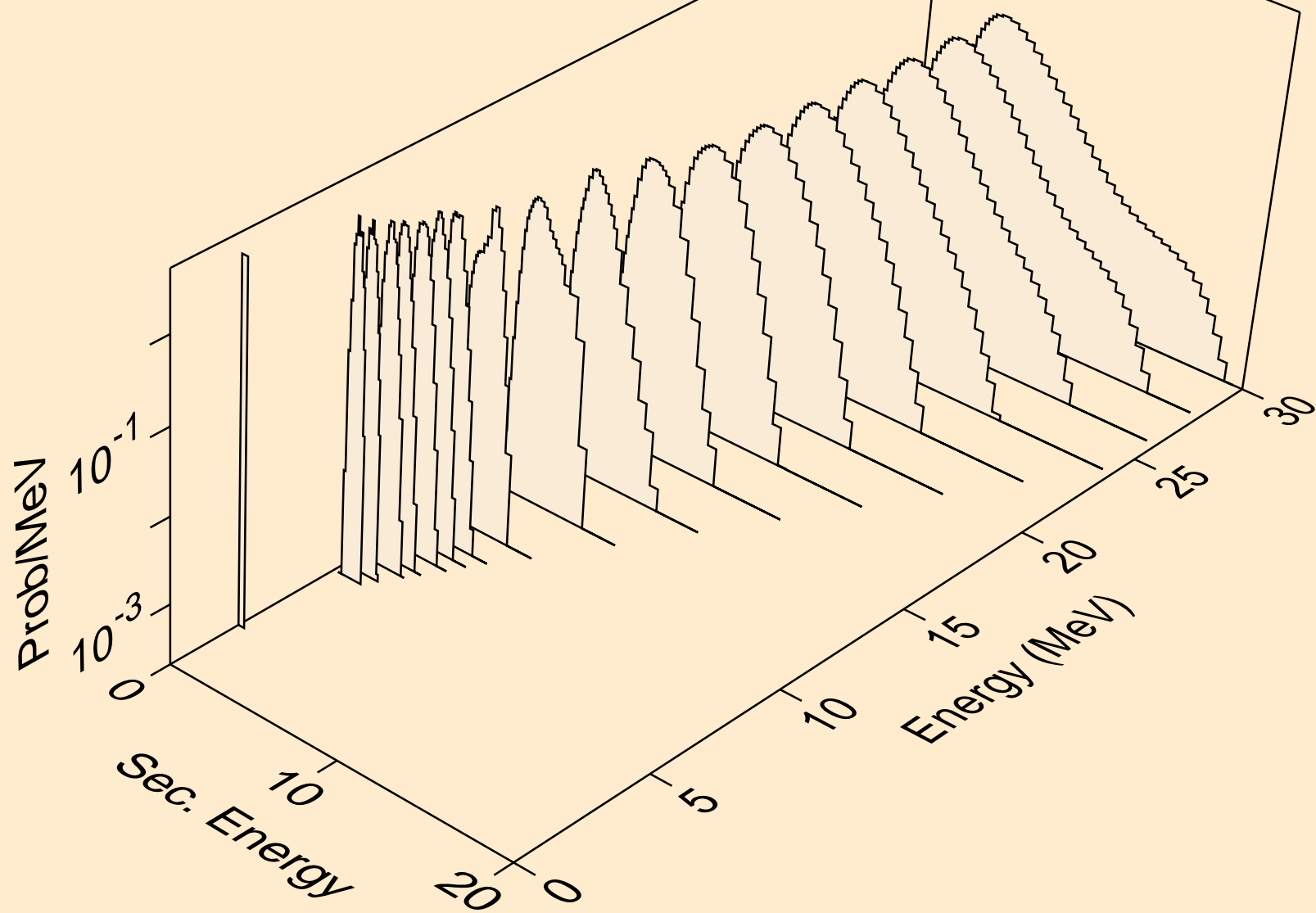
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protons from (n,p)



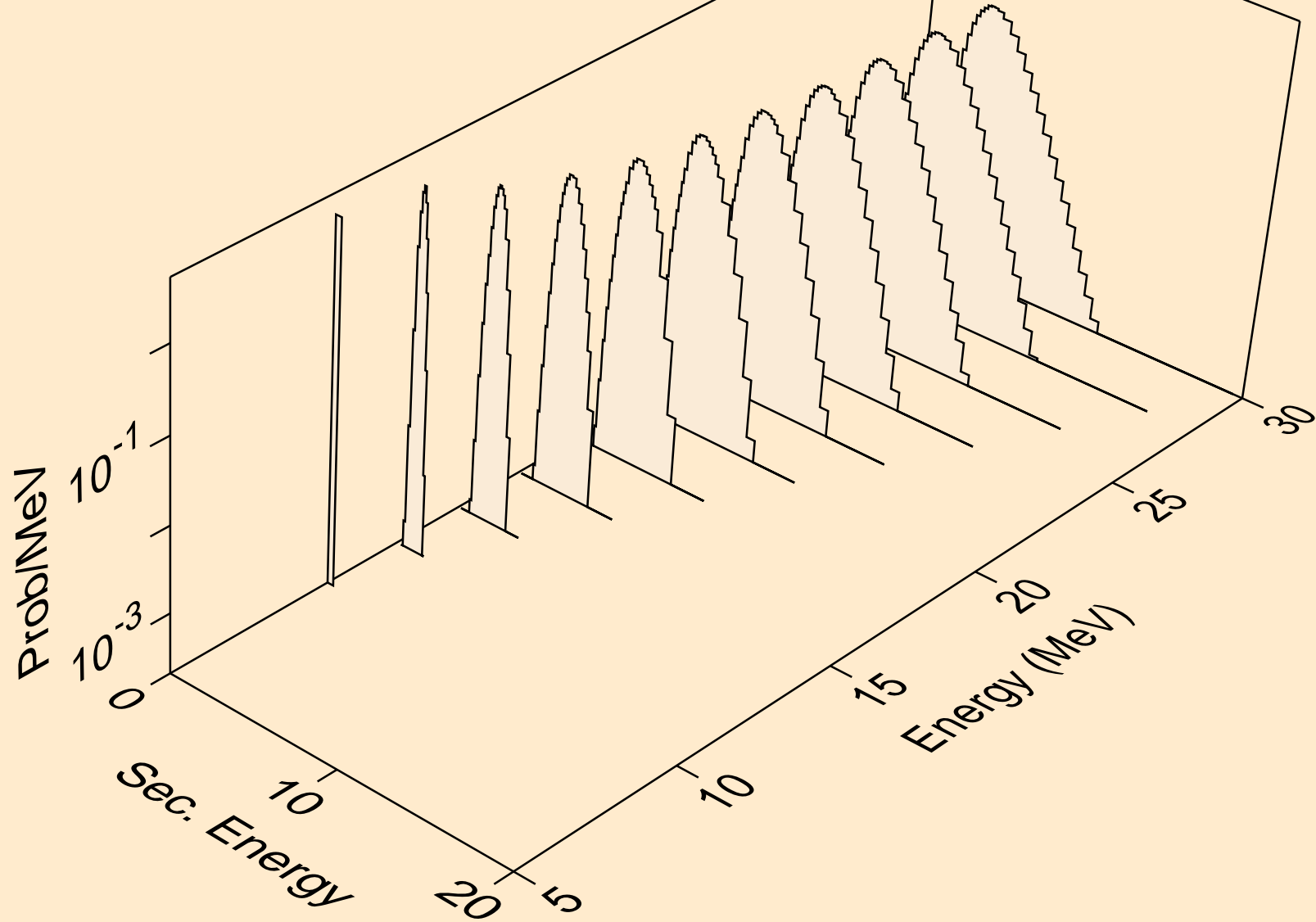
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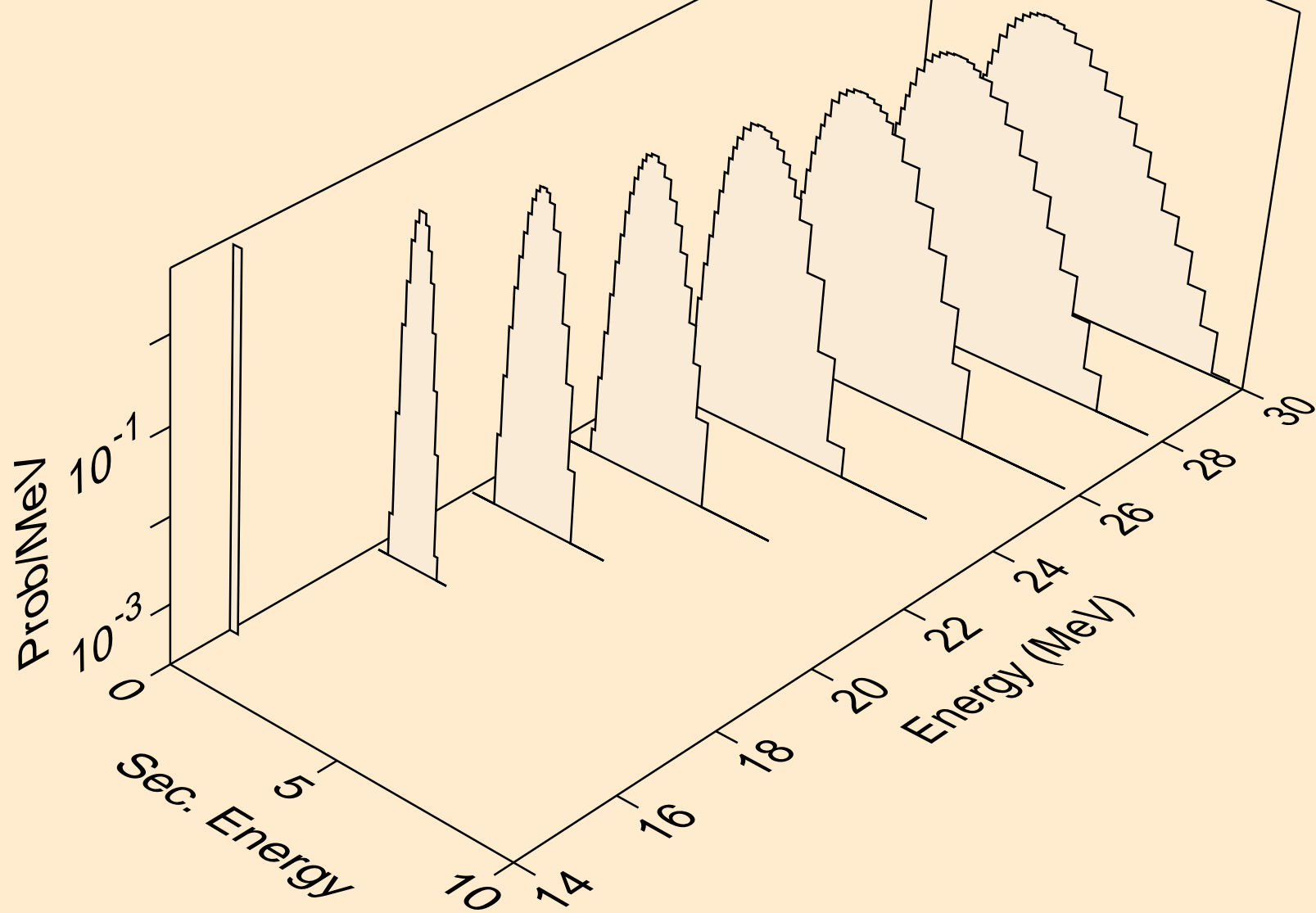
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protons from (n,p)



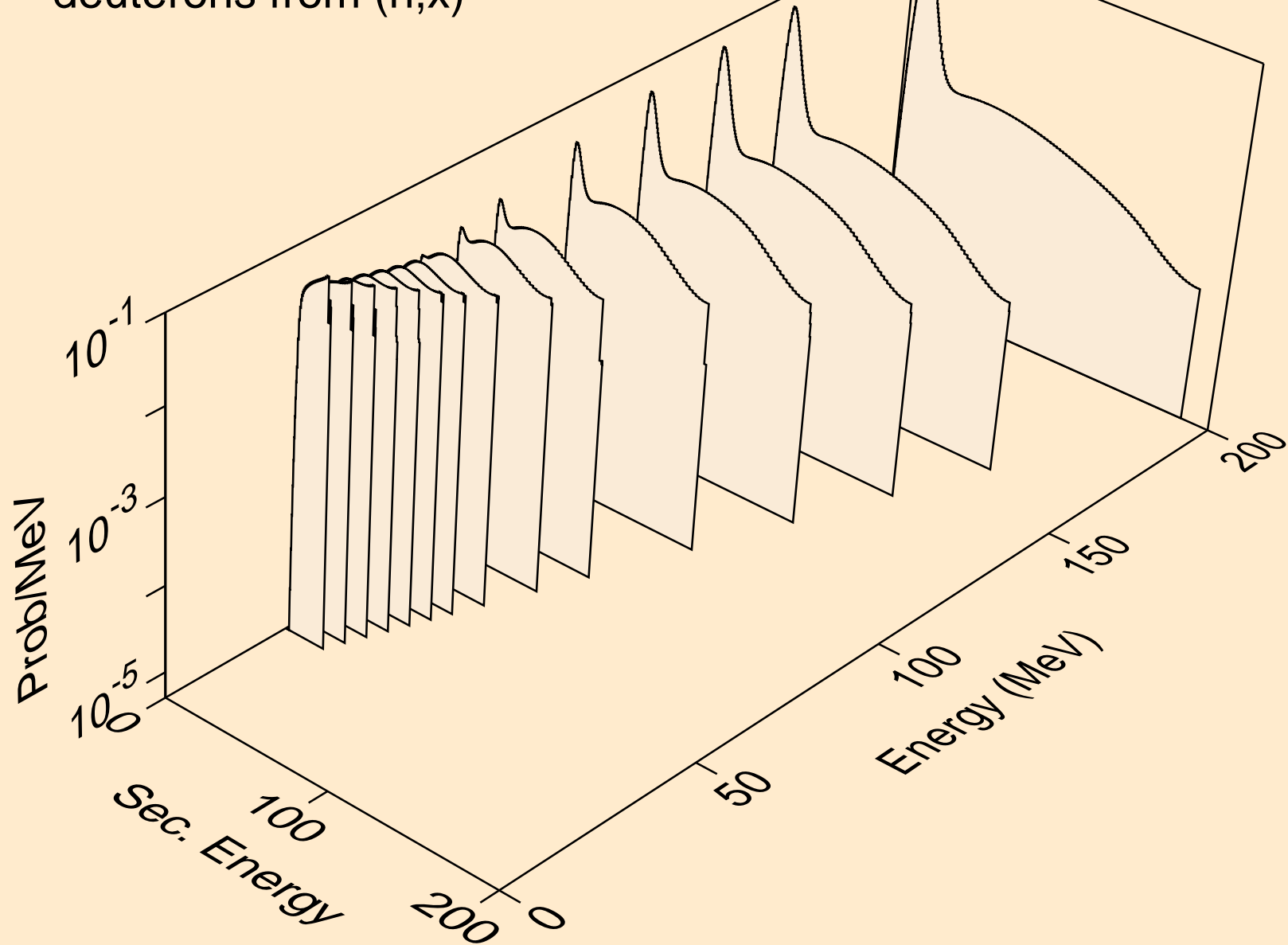
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

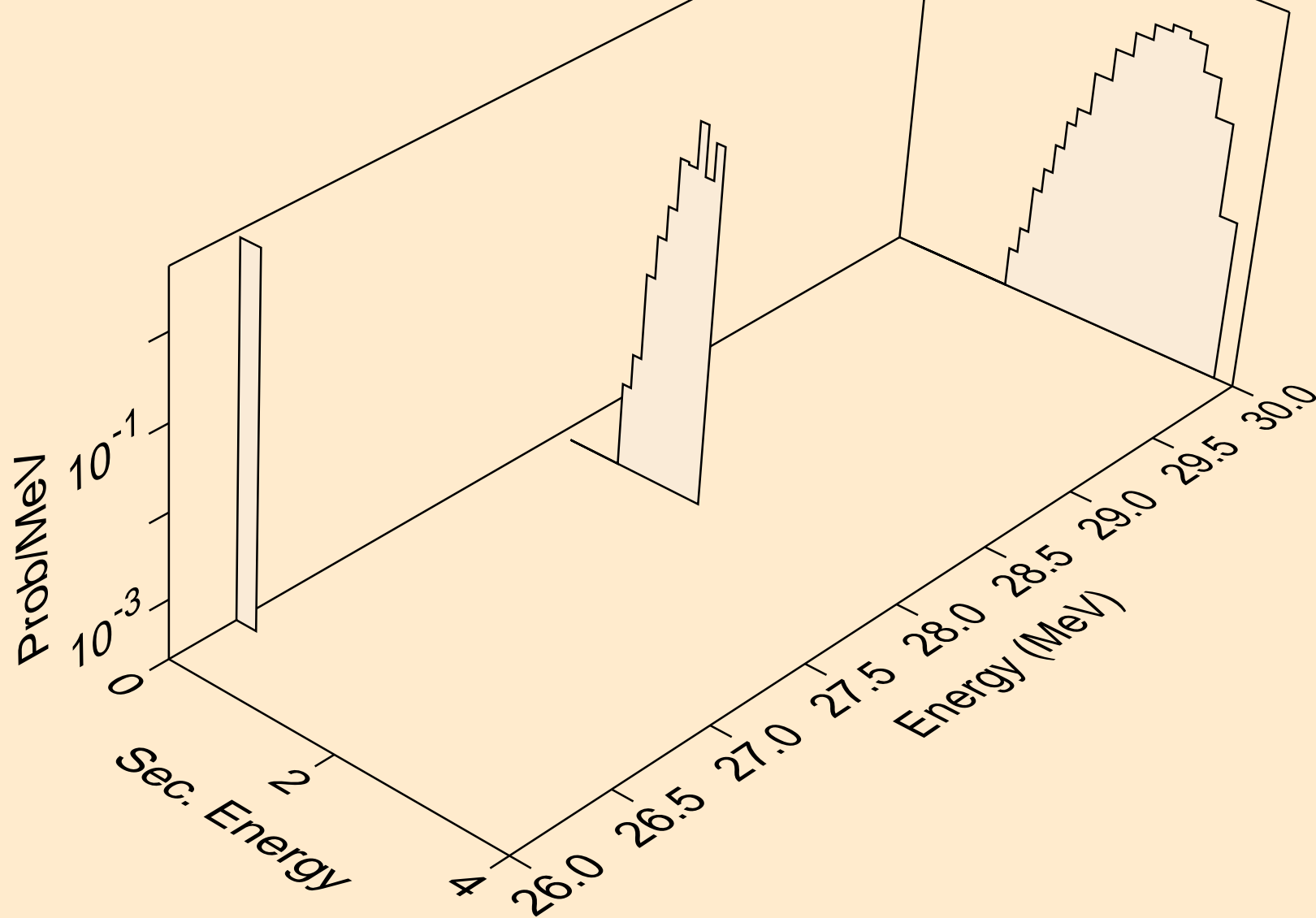


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

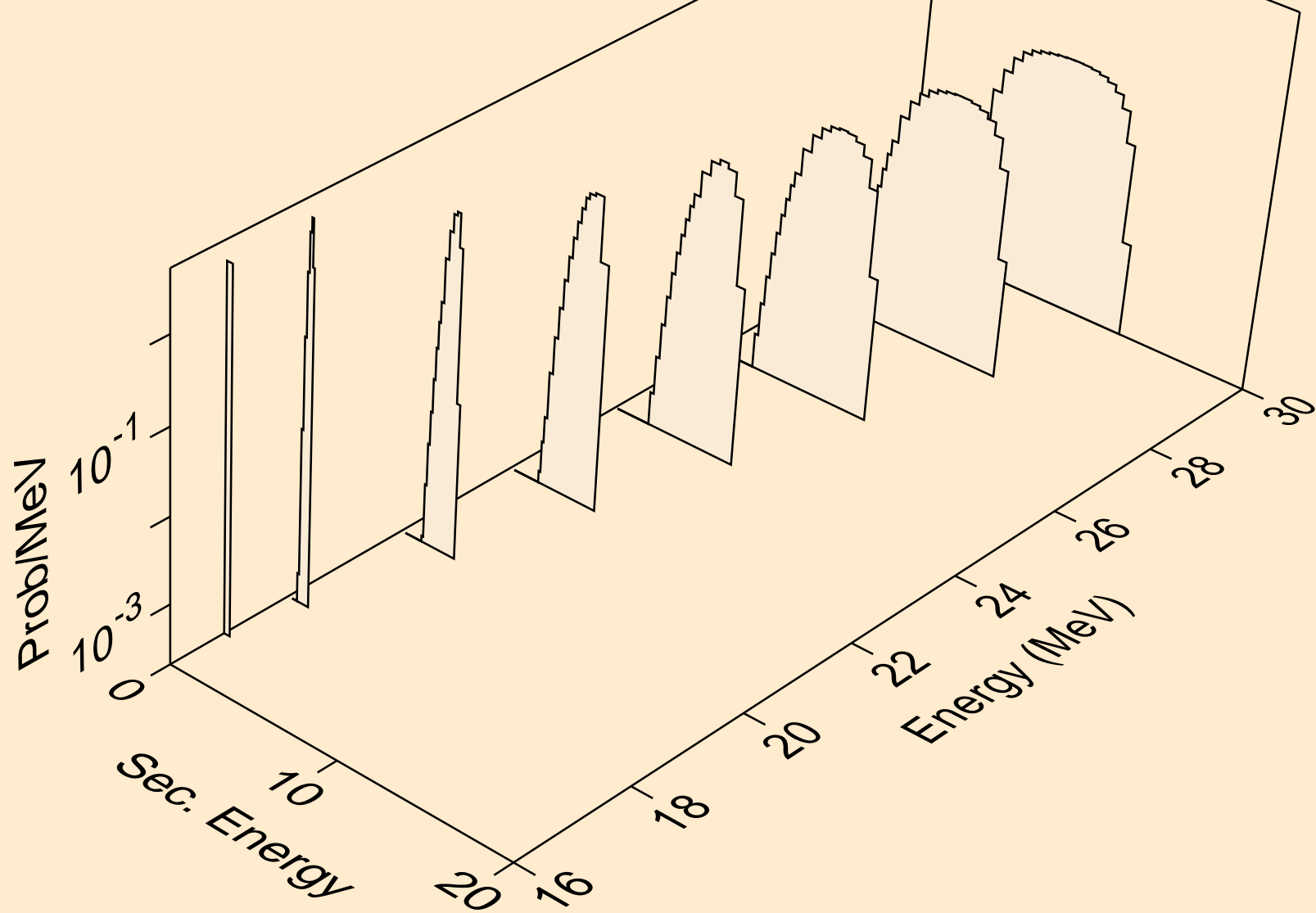




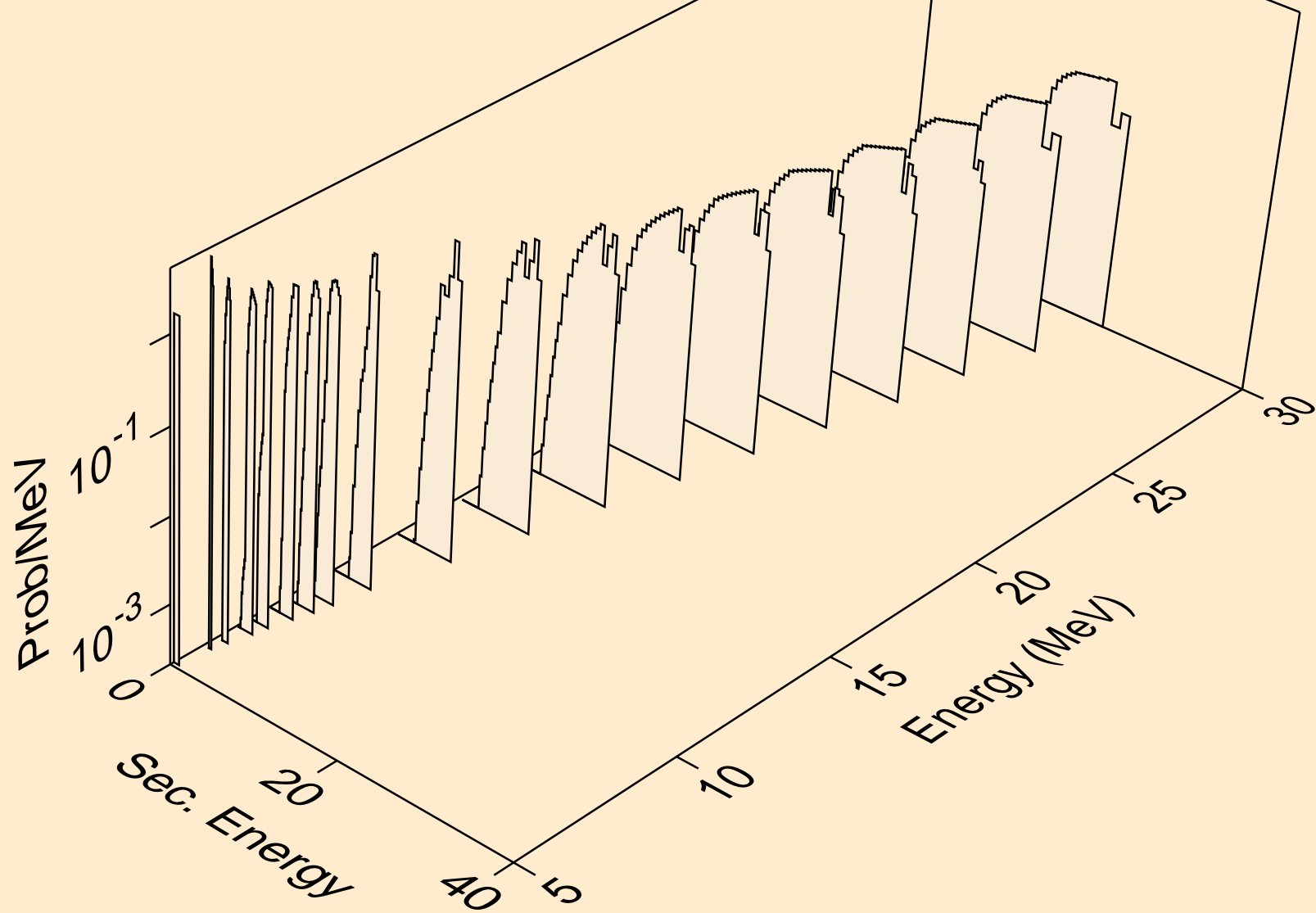
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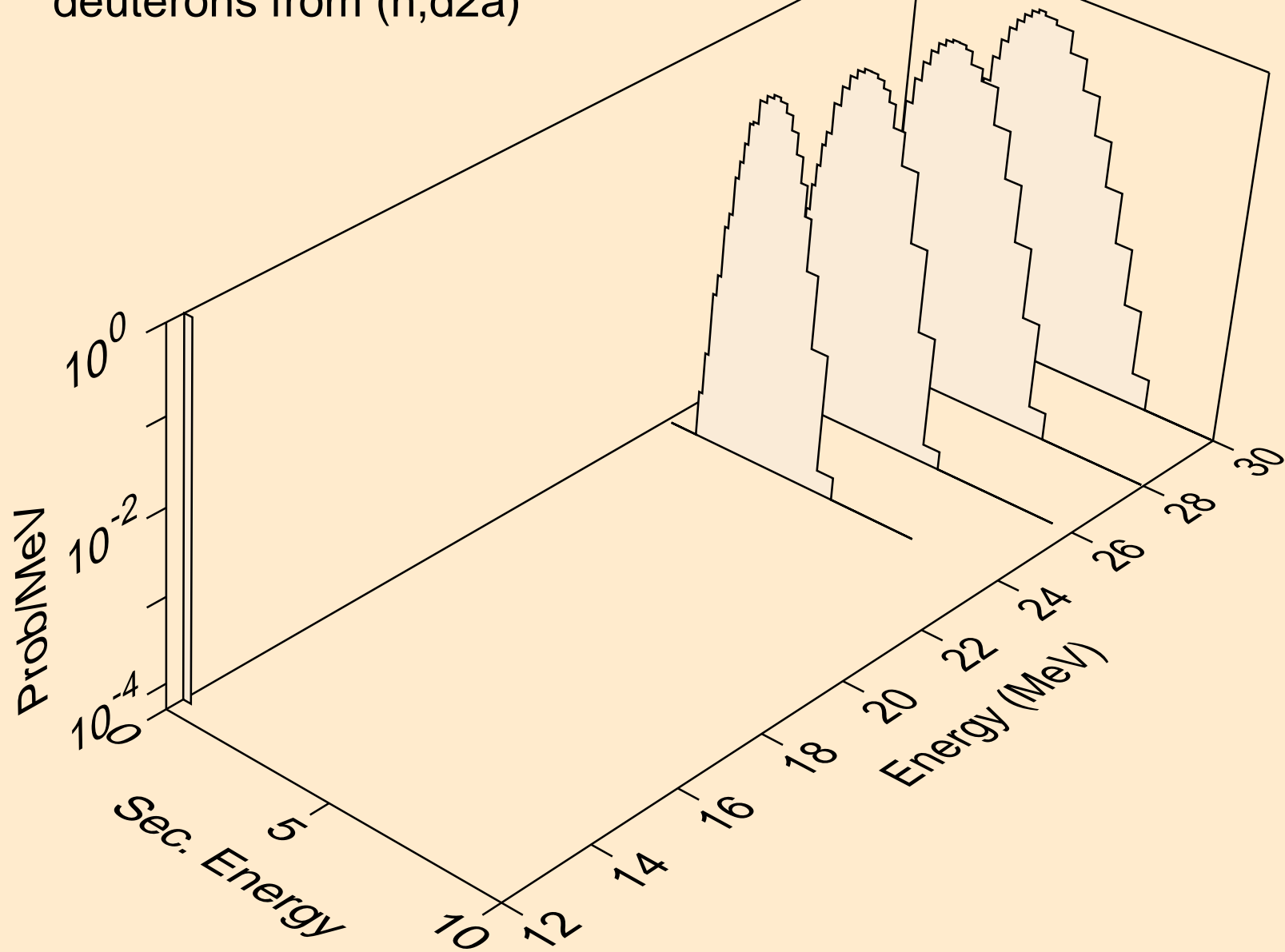
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deuterons from (n,n\*)d



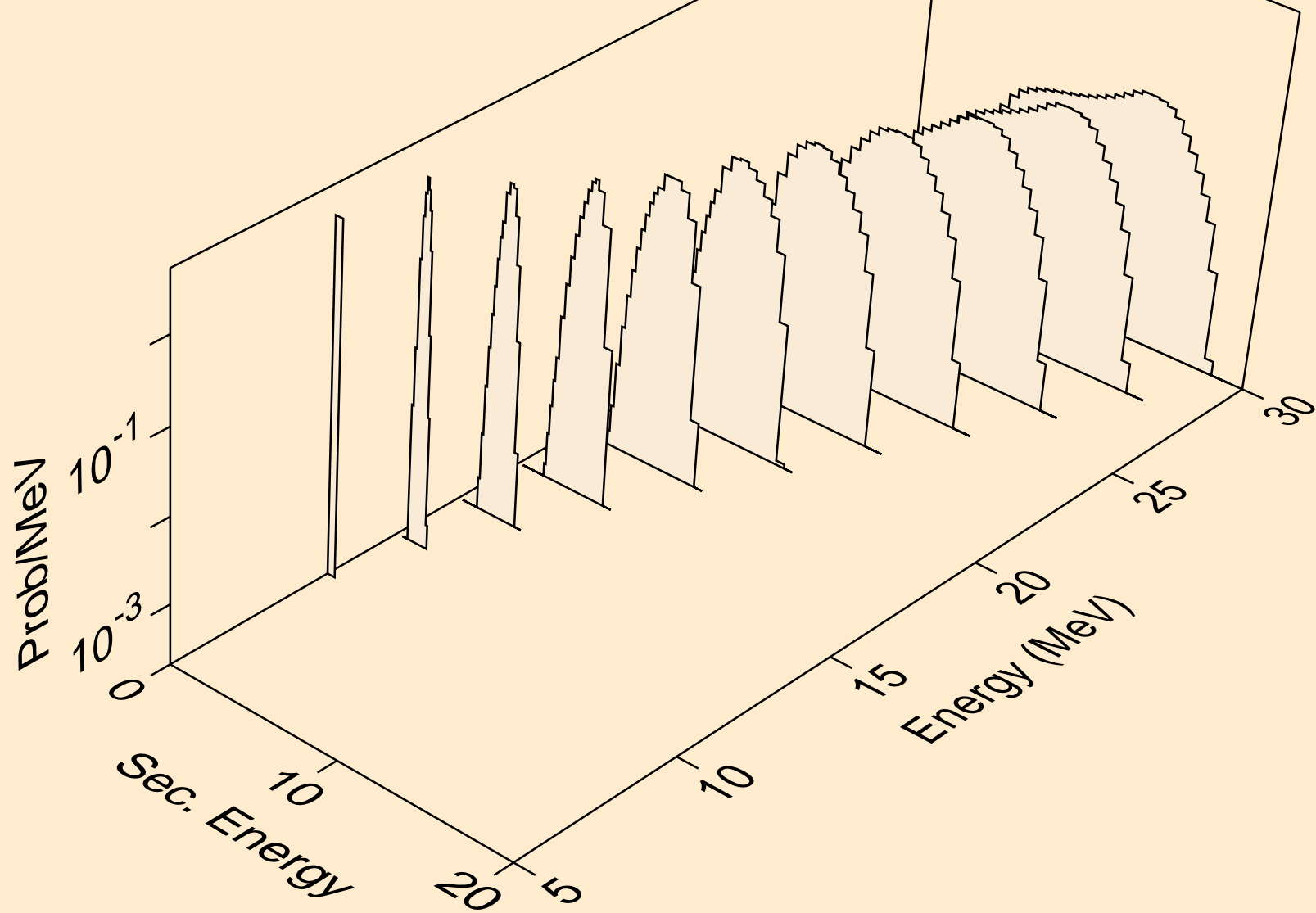
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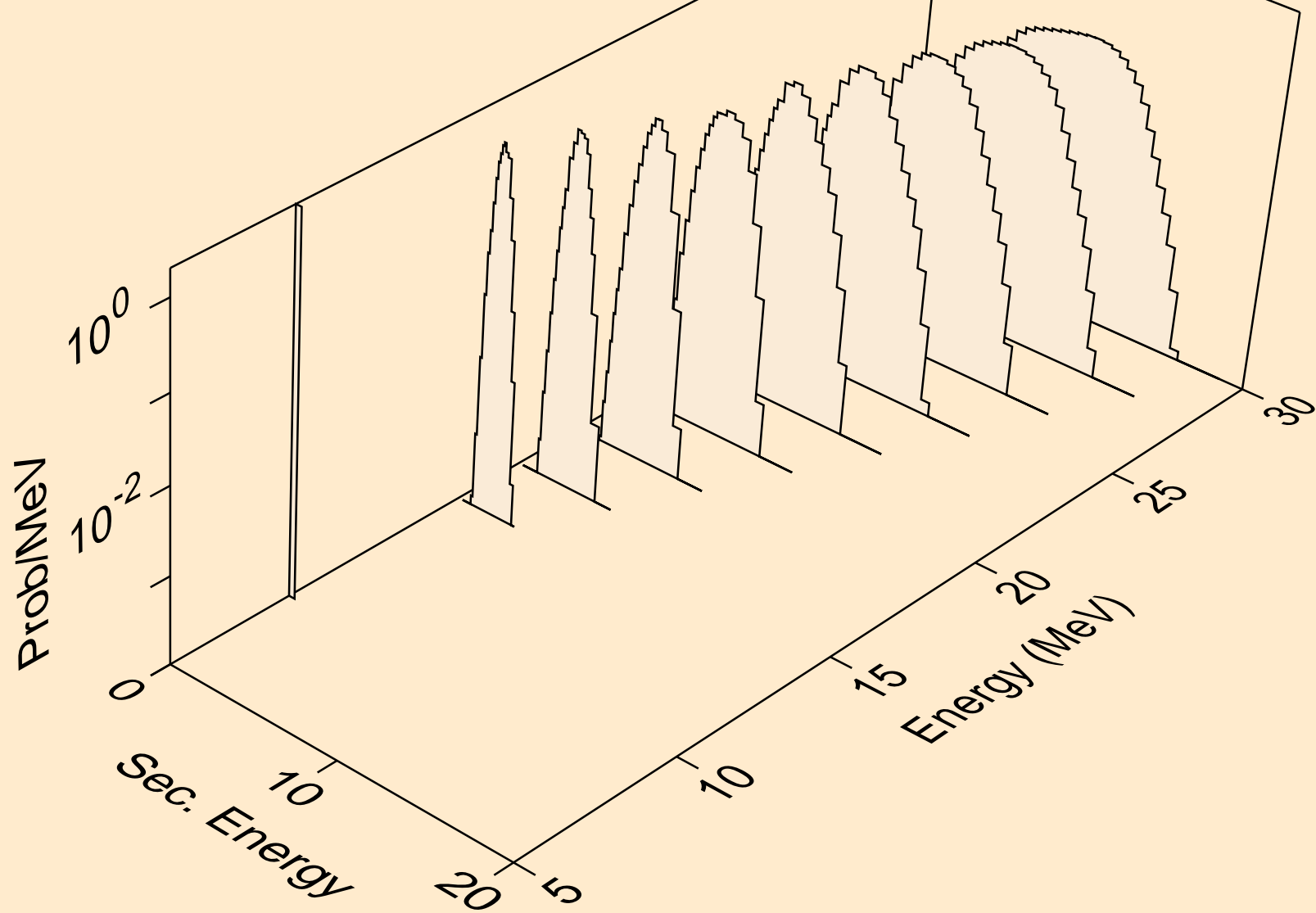
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deuterons from (n,d2a)



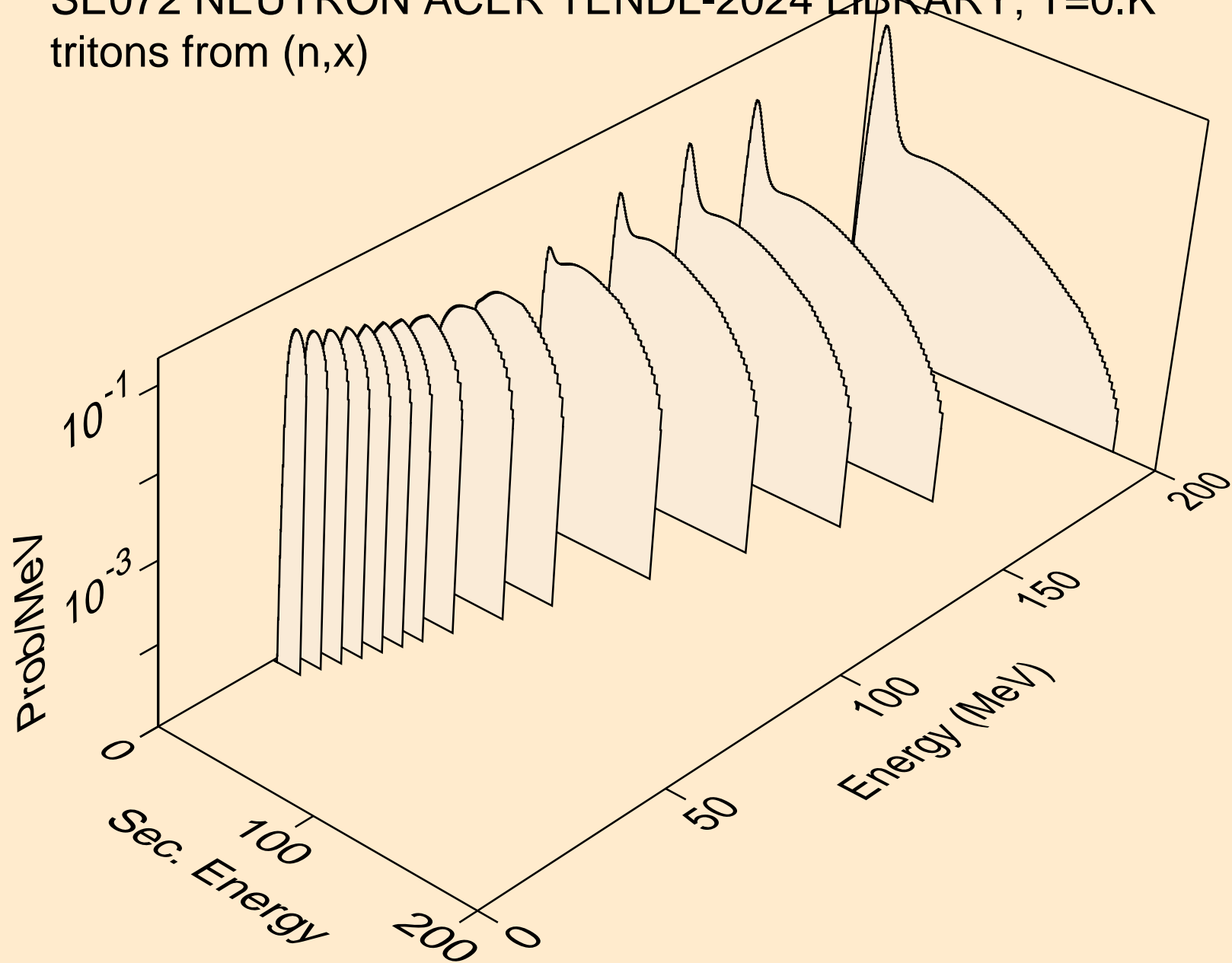
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deuterons from (n,pd)



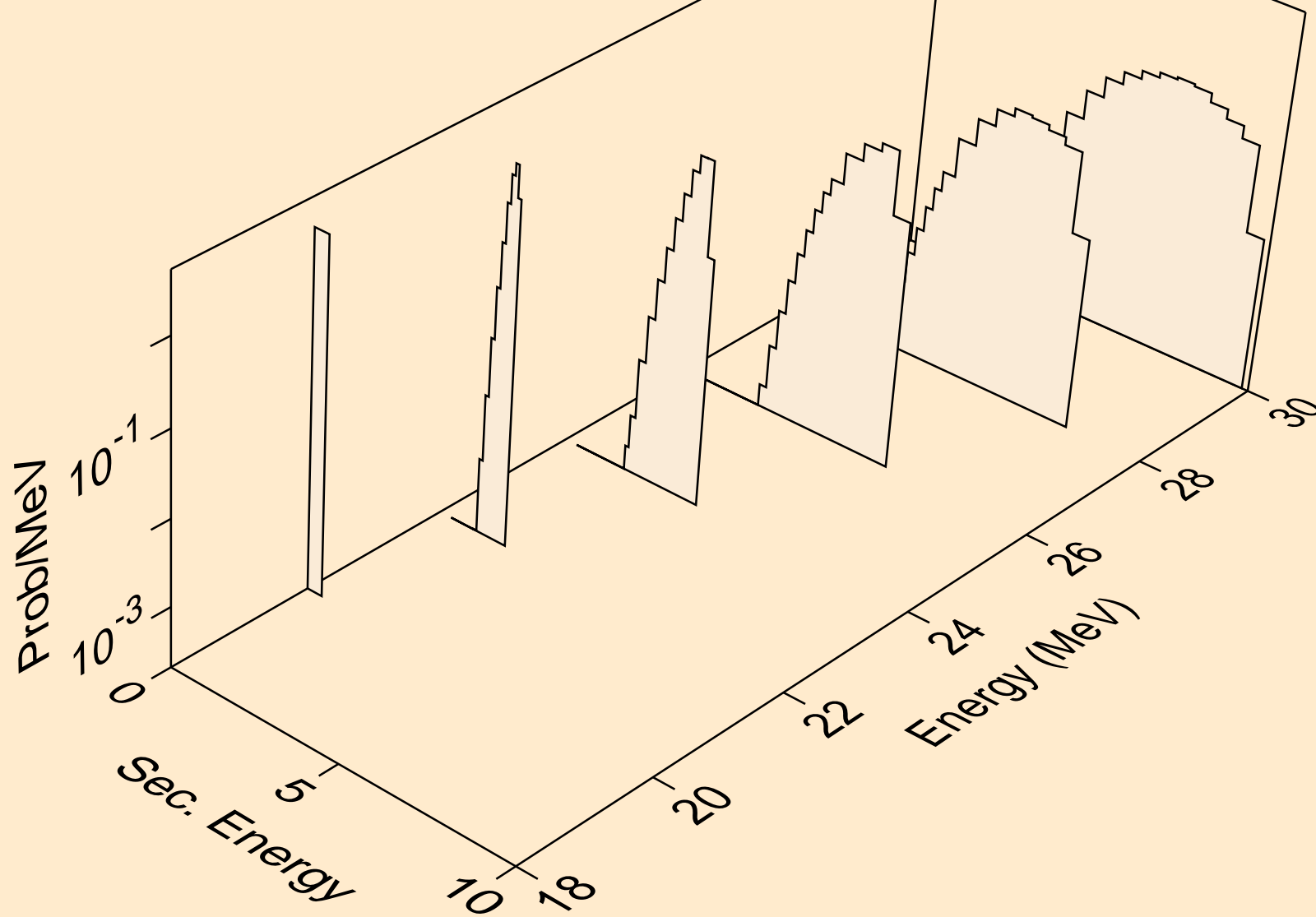
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deuterons from (n,da)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

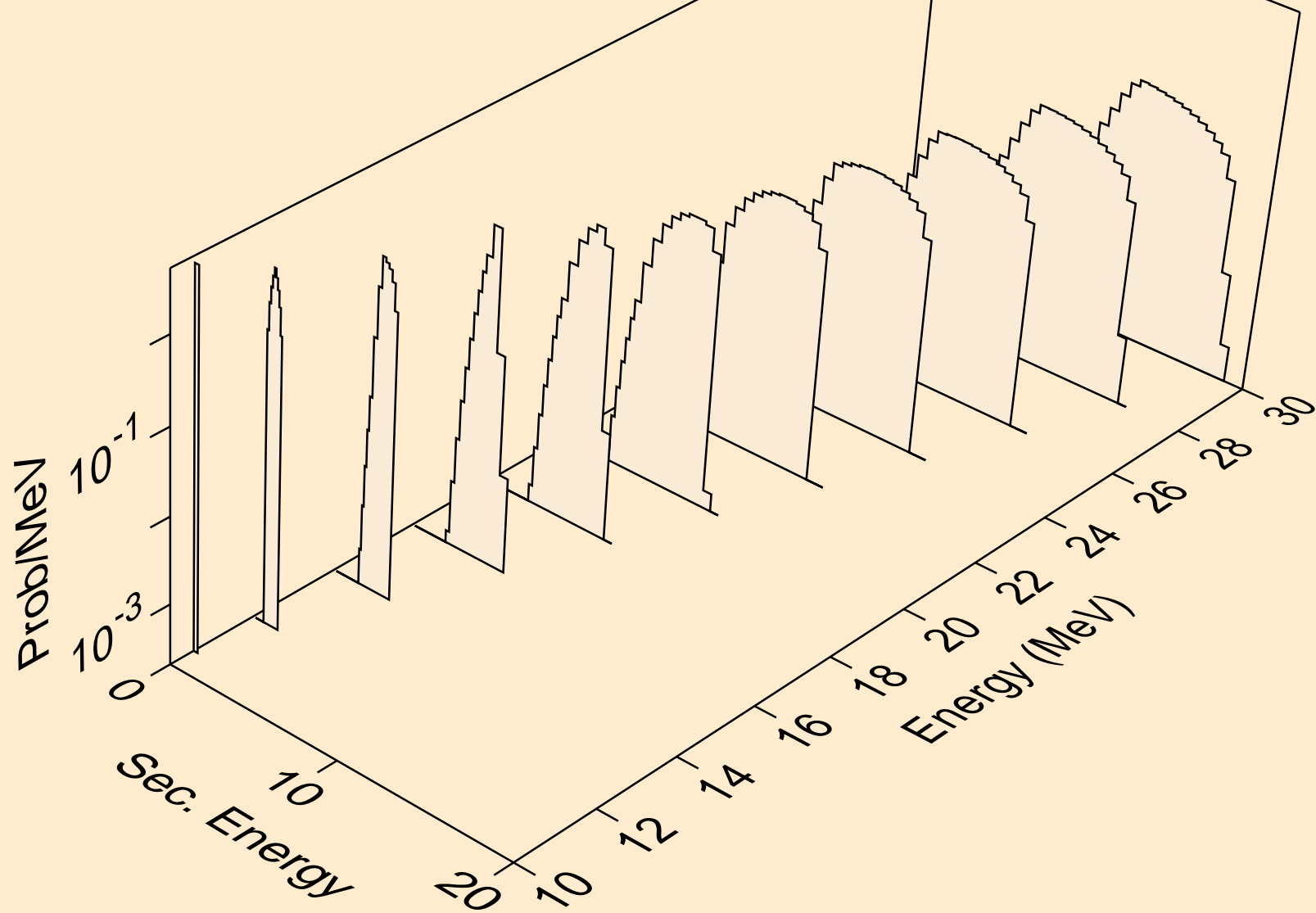


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

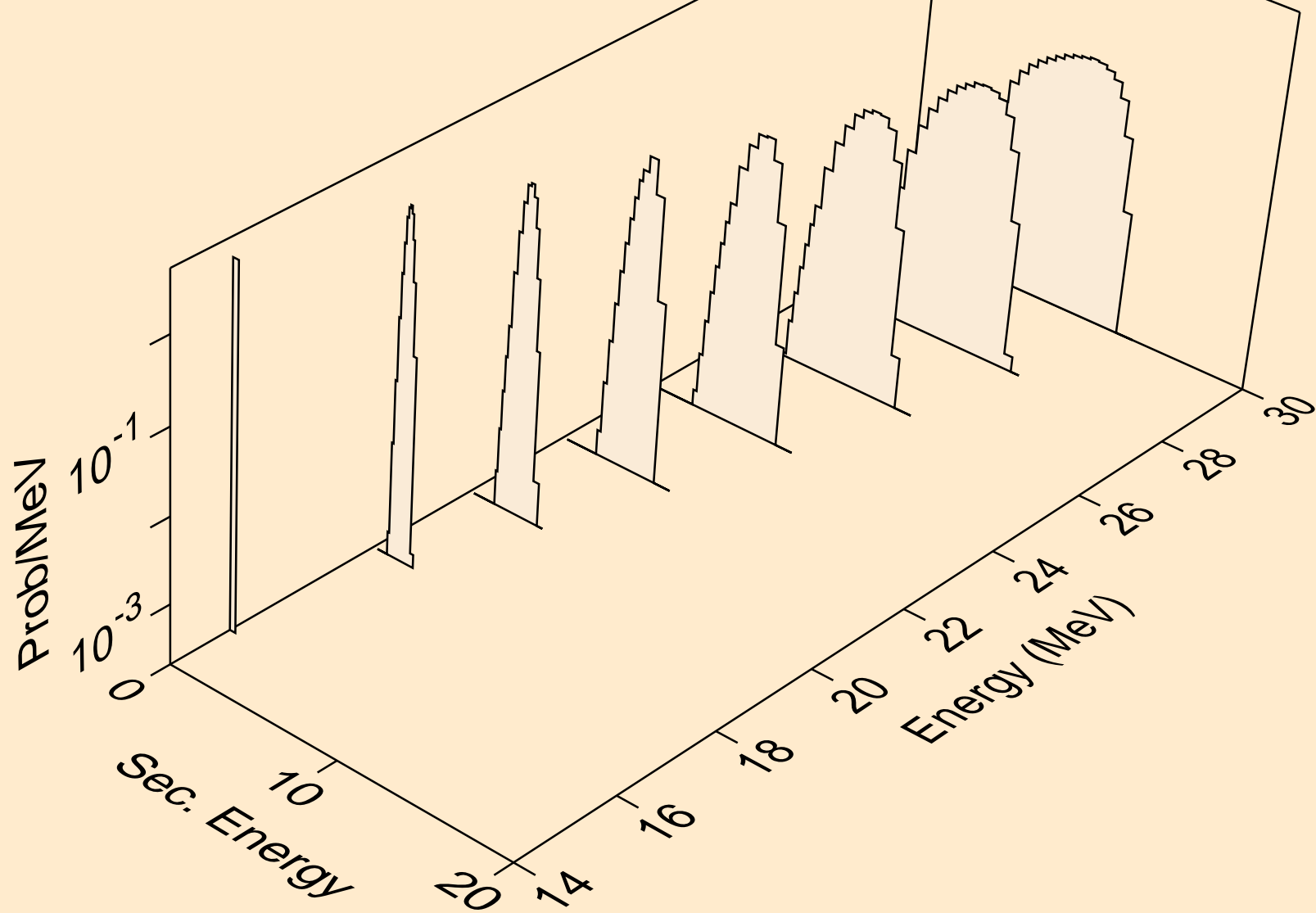




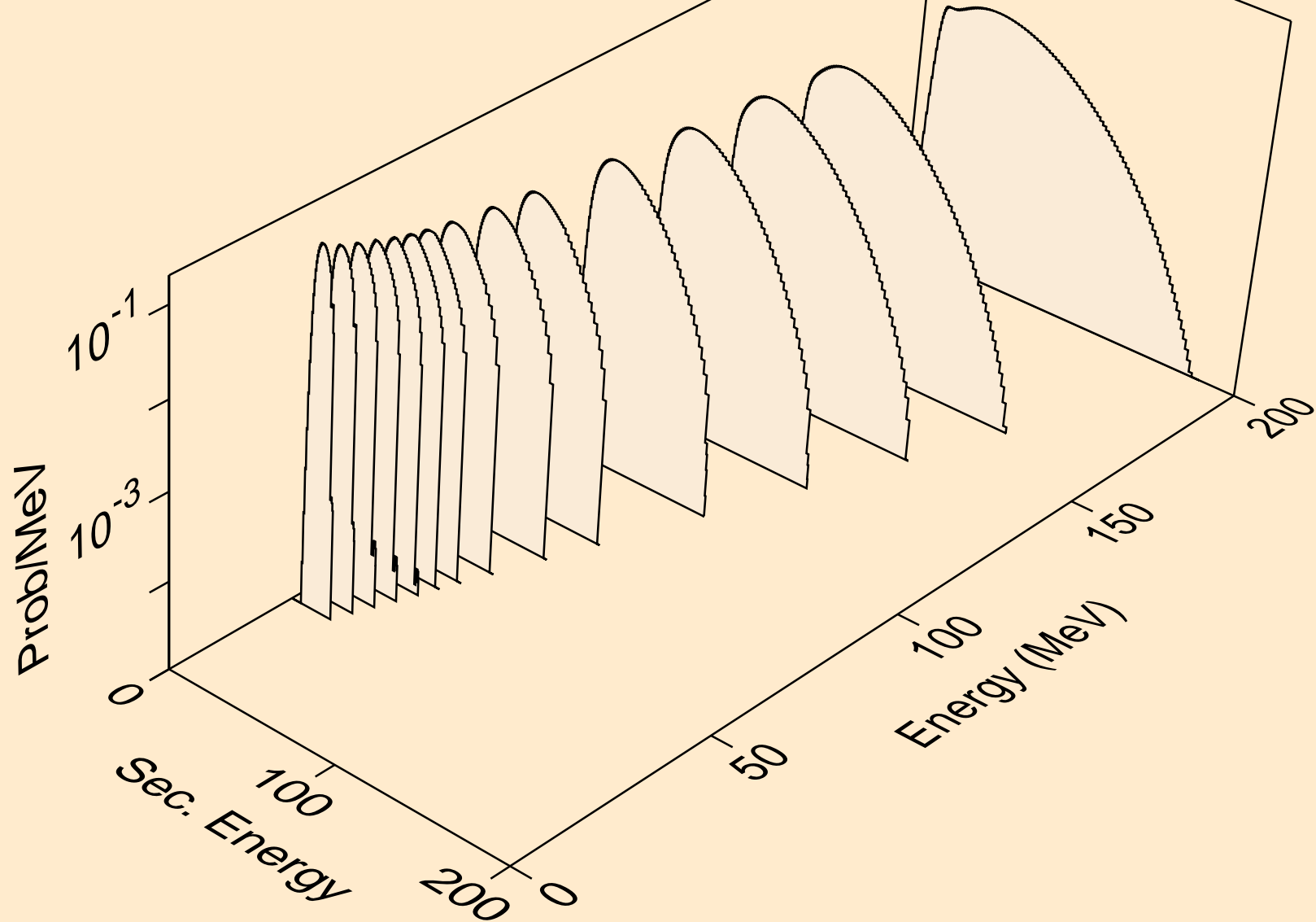
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tritons from (n,t)



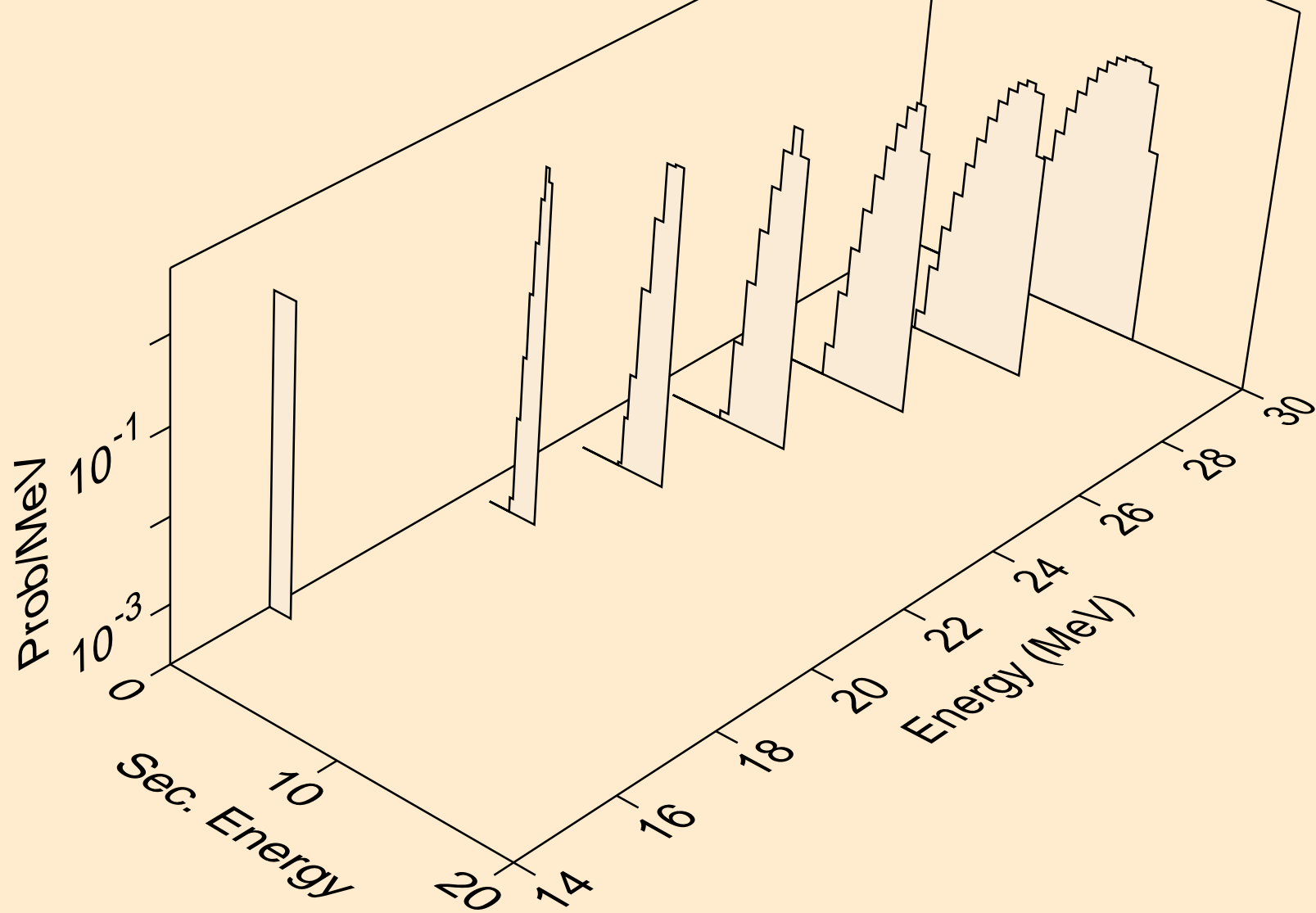
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tritons from (n,pt)



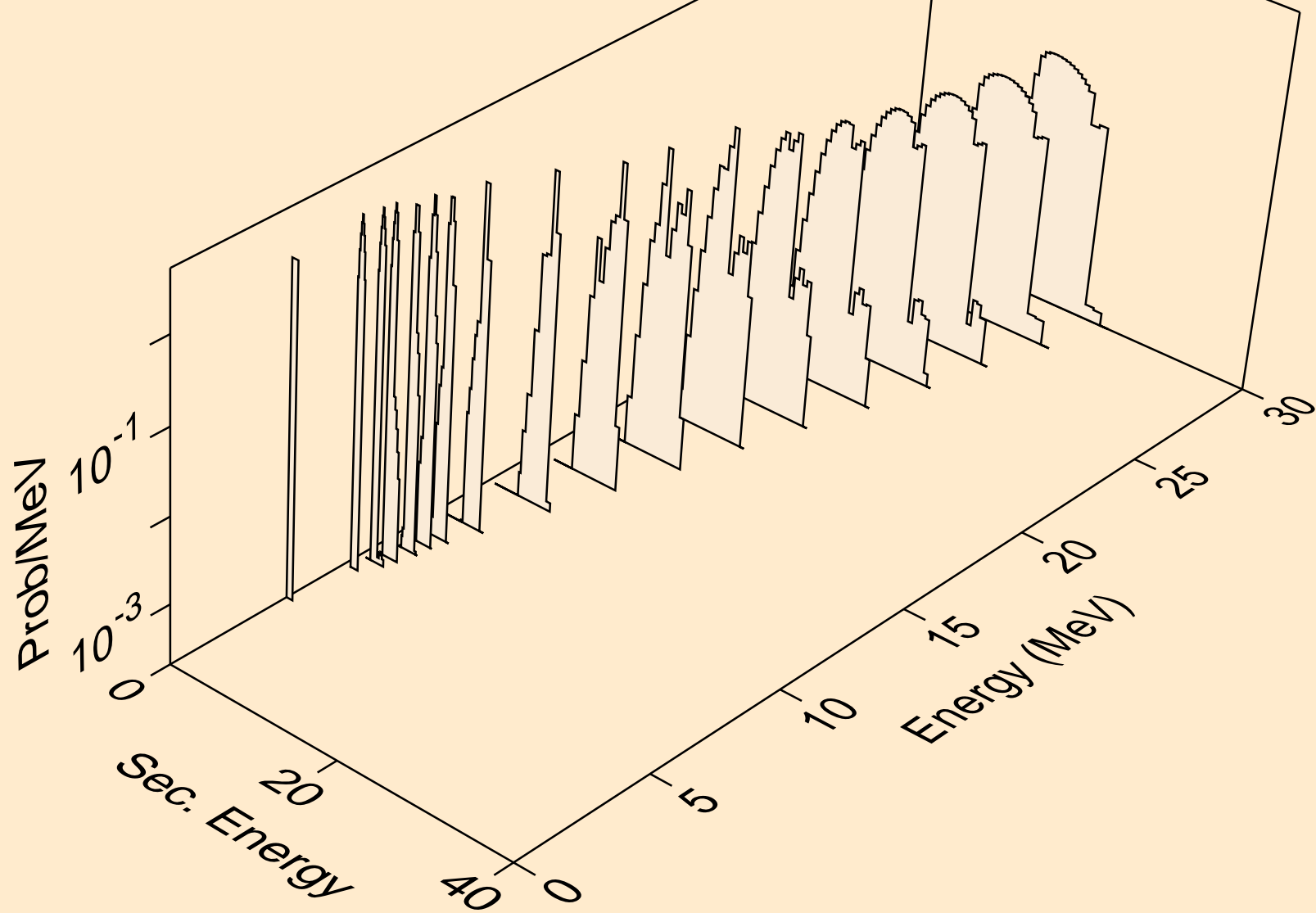
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he3s from (n,x)



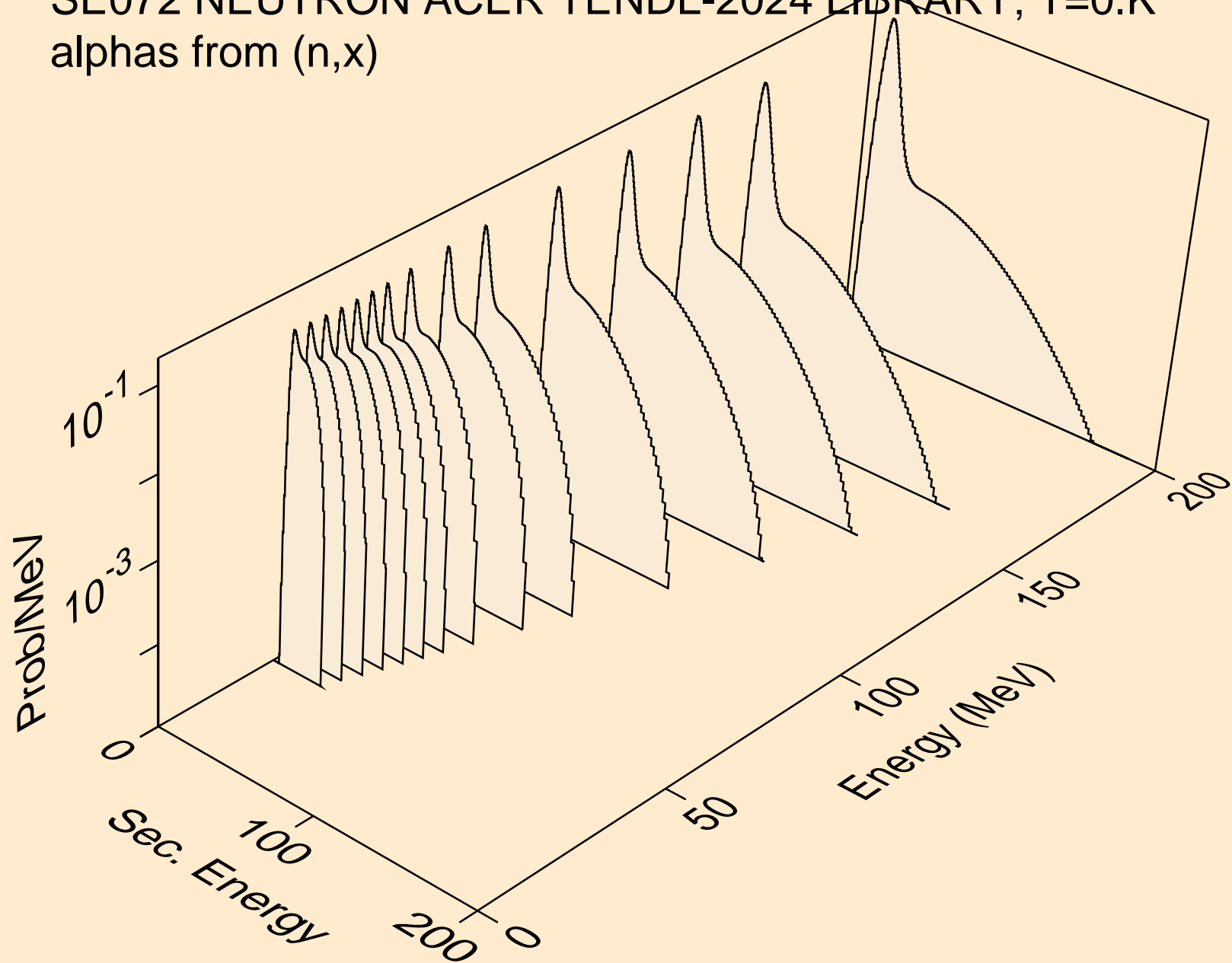
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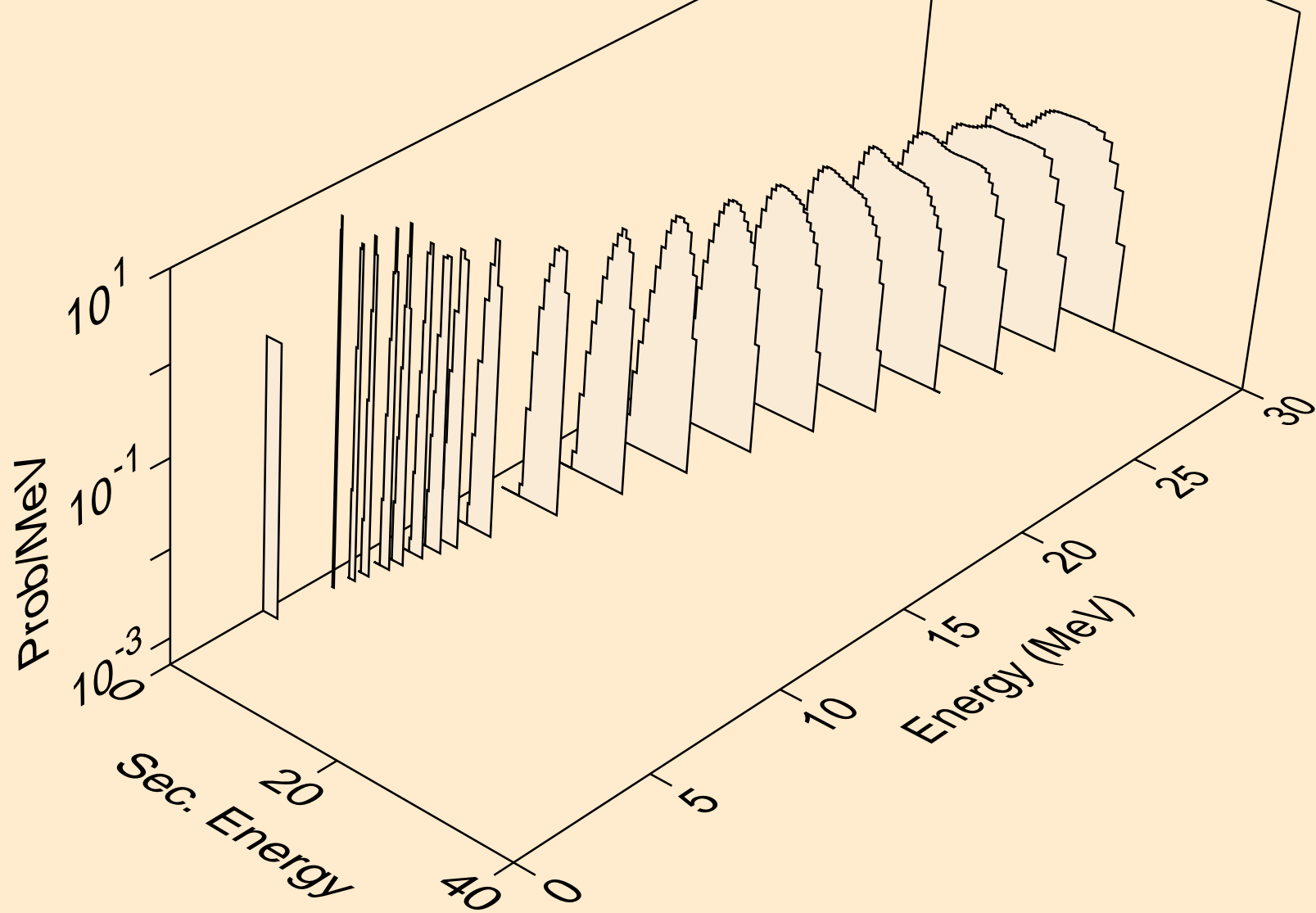
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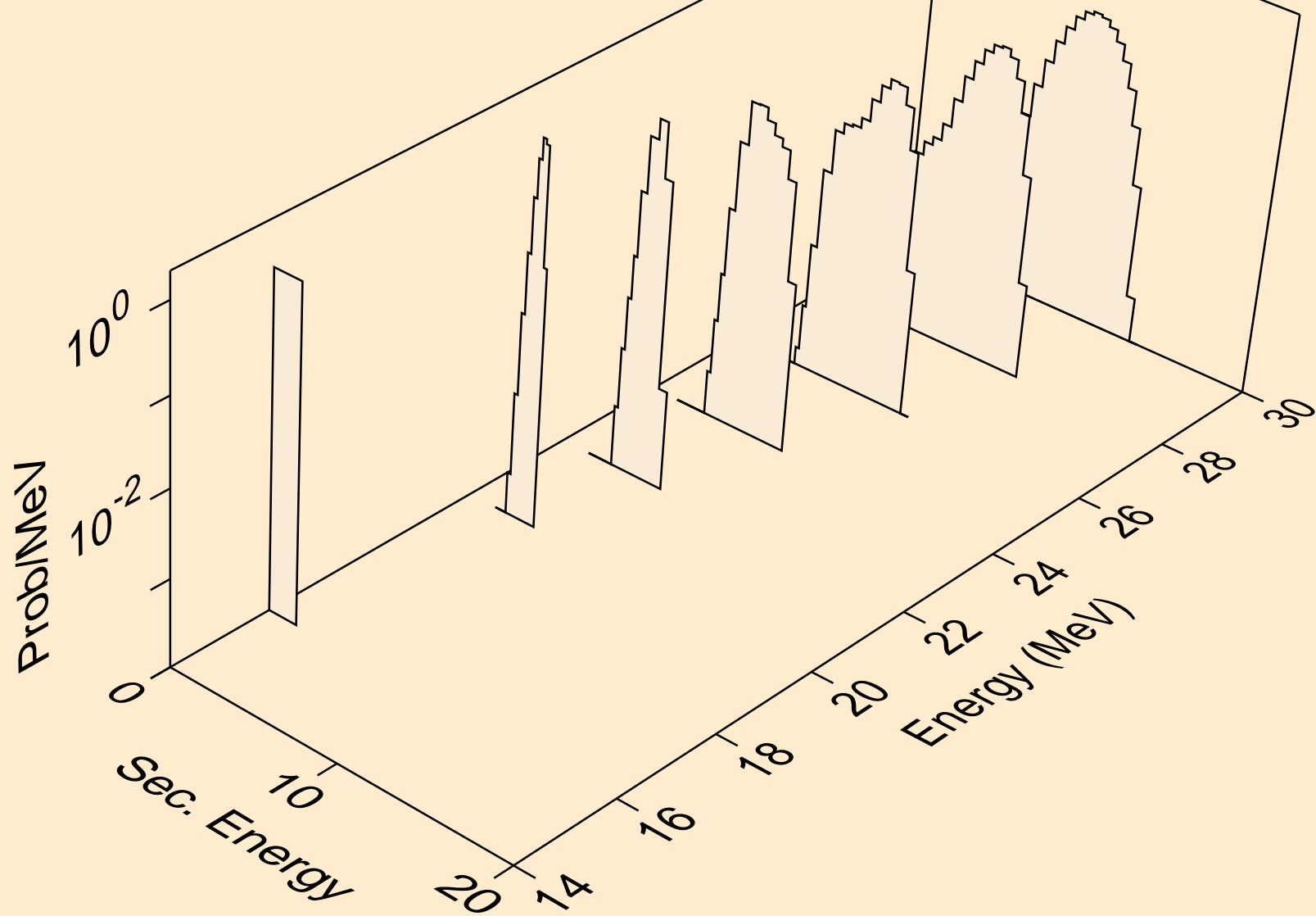
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

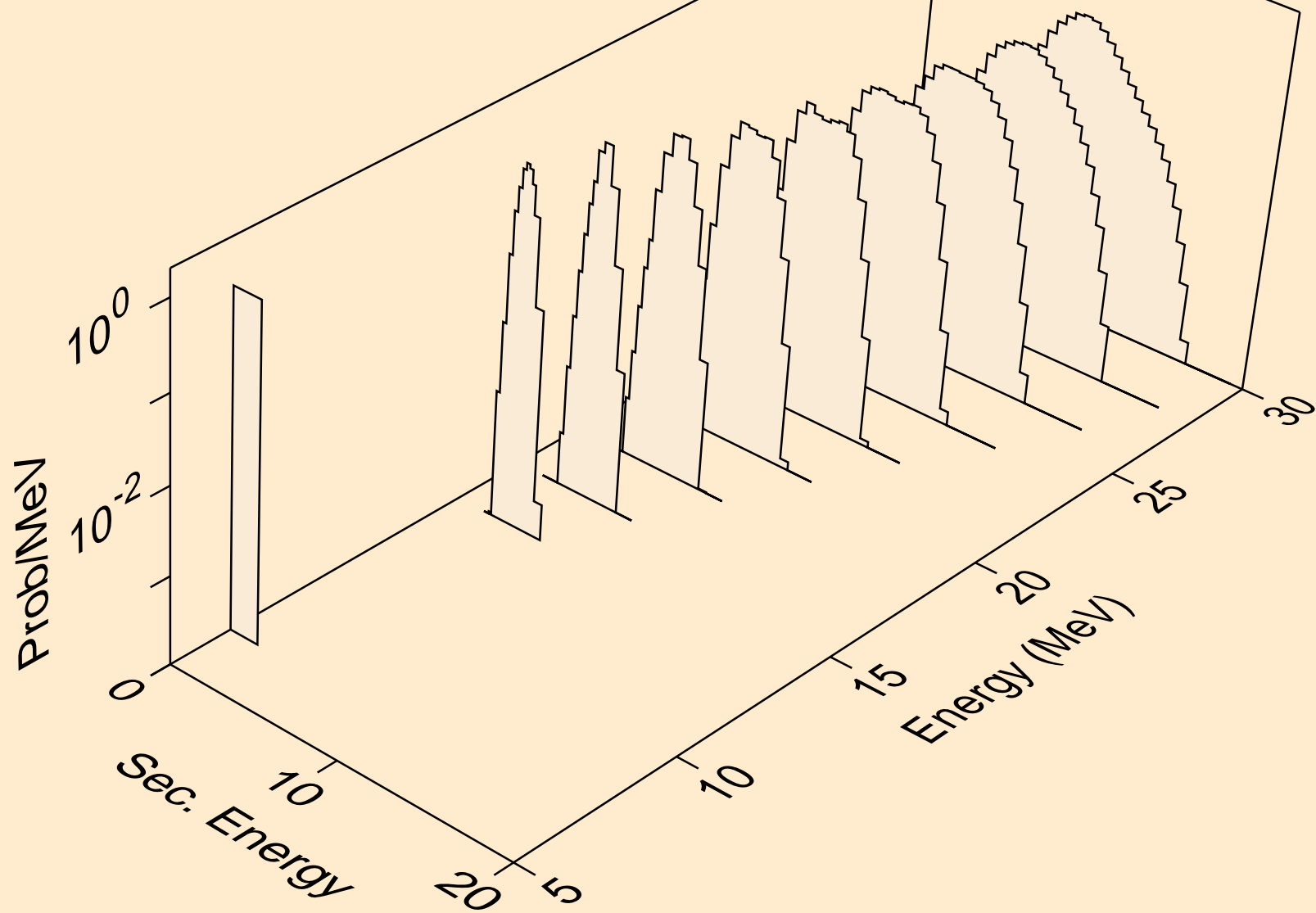


SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

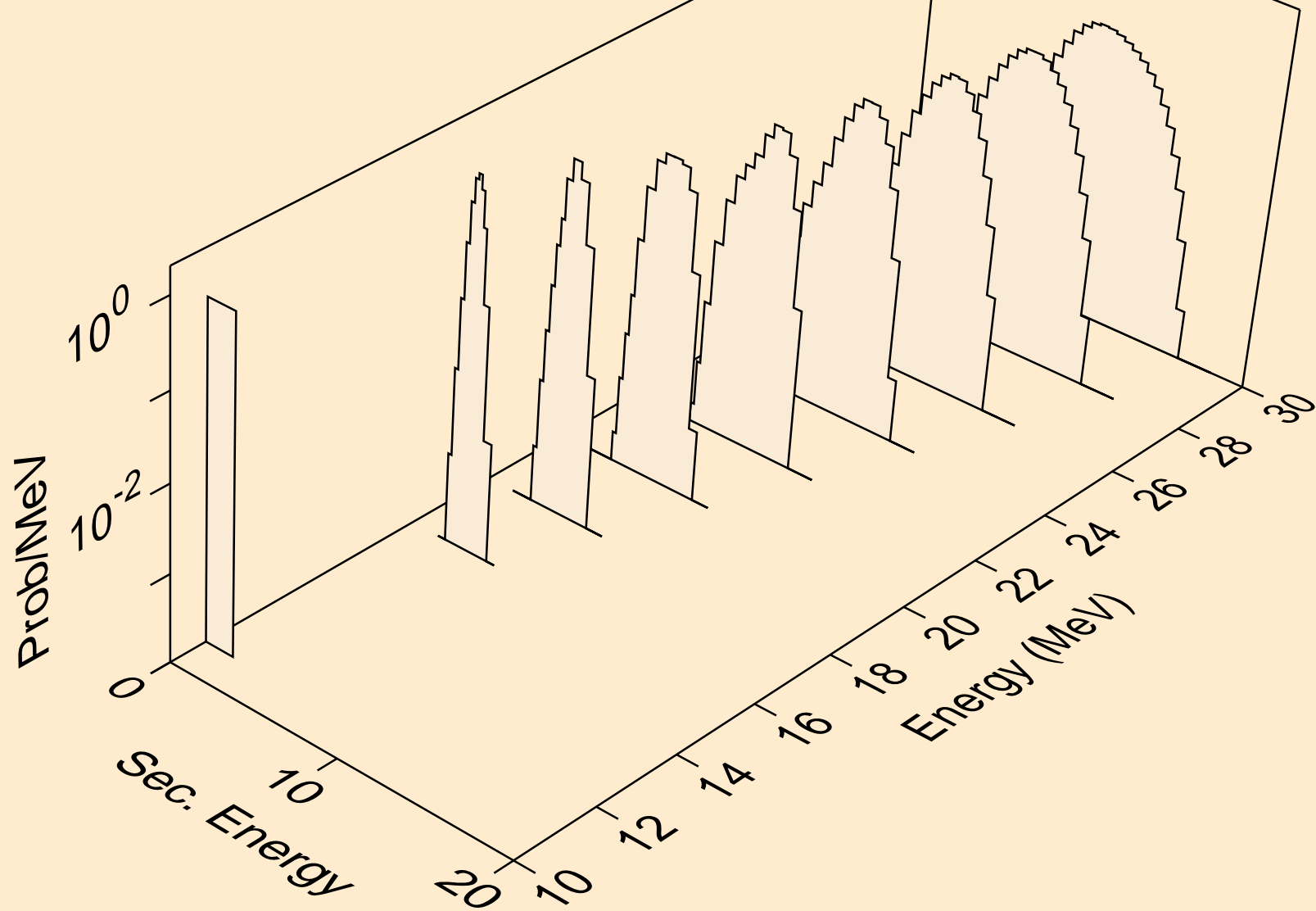




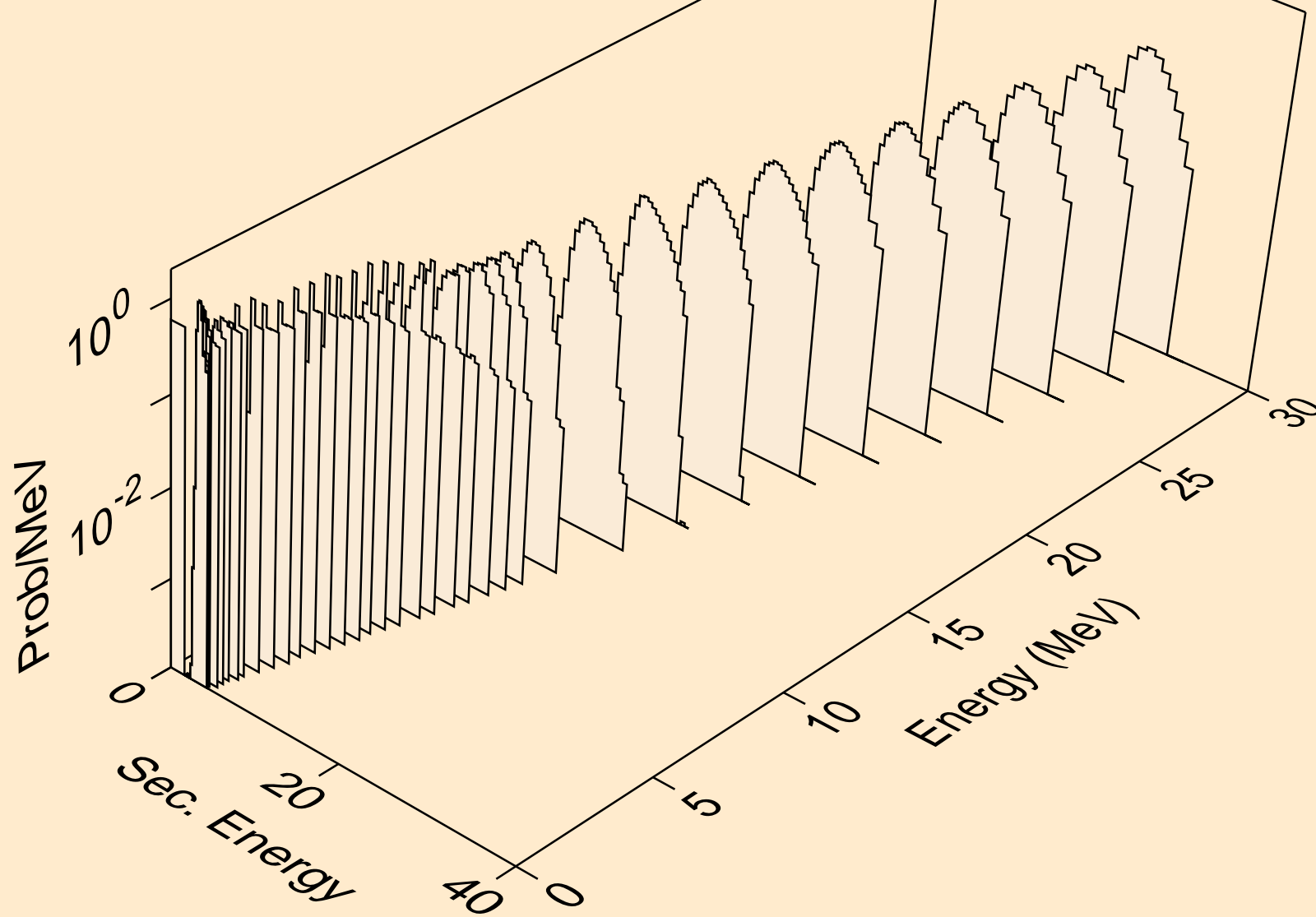
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



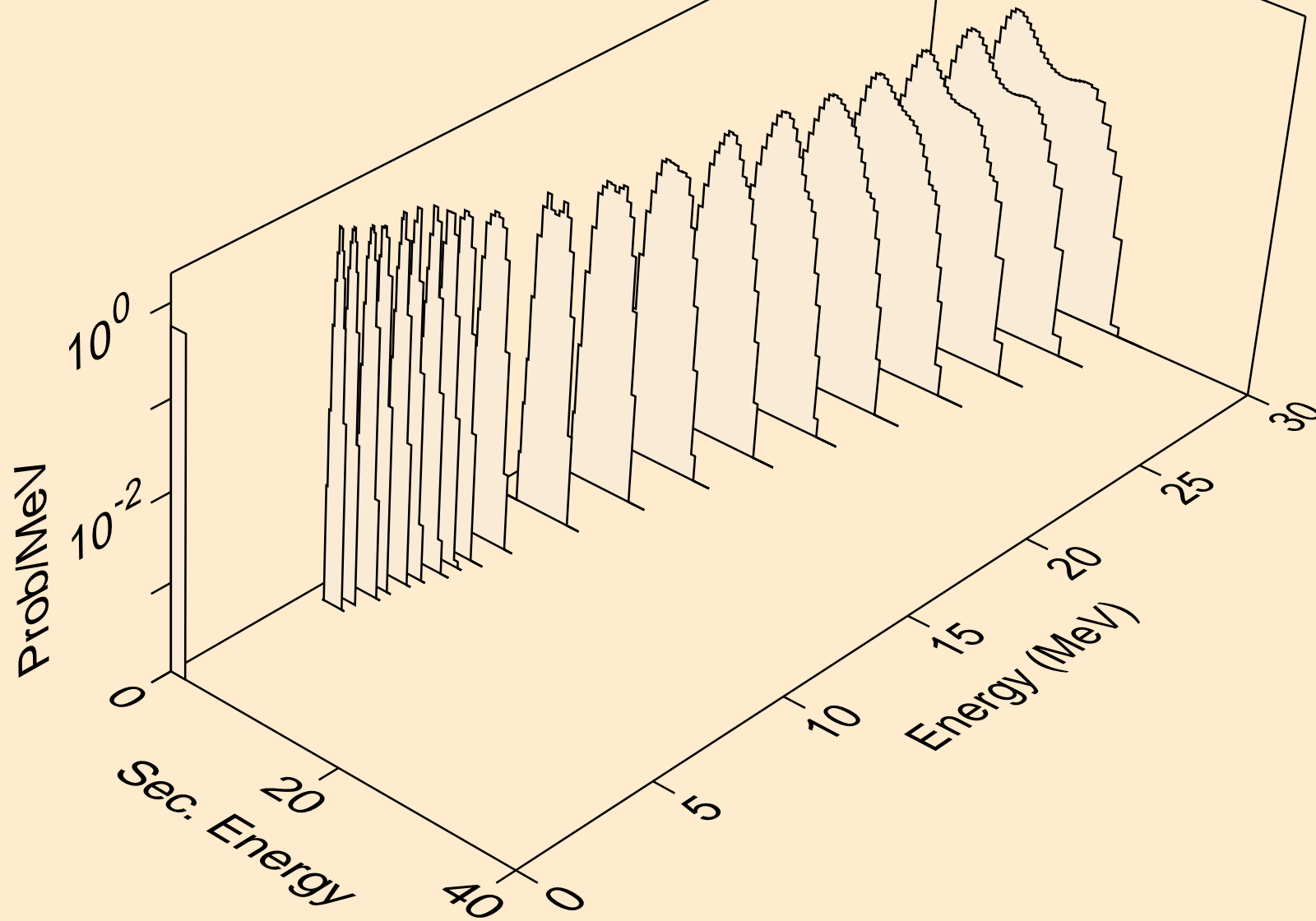
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



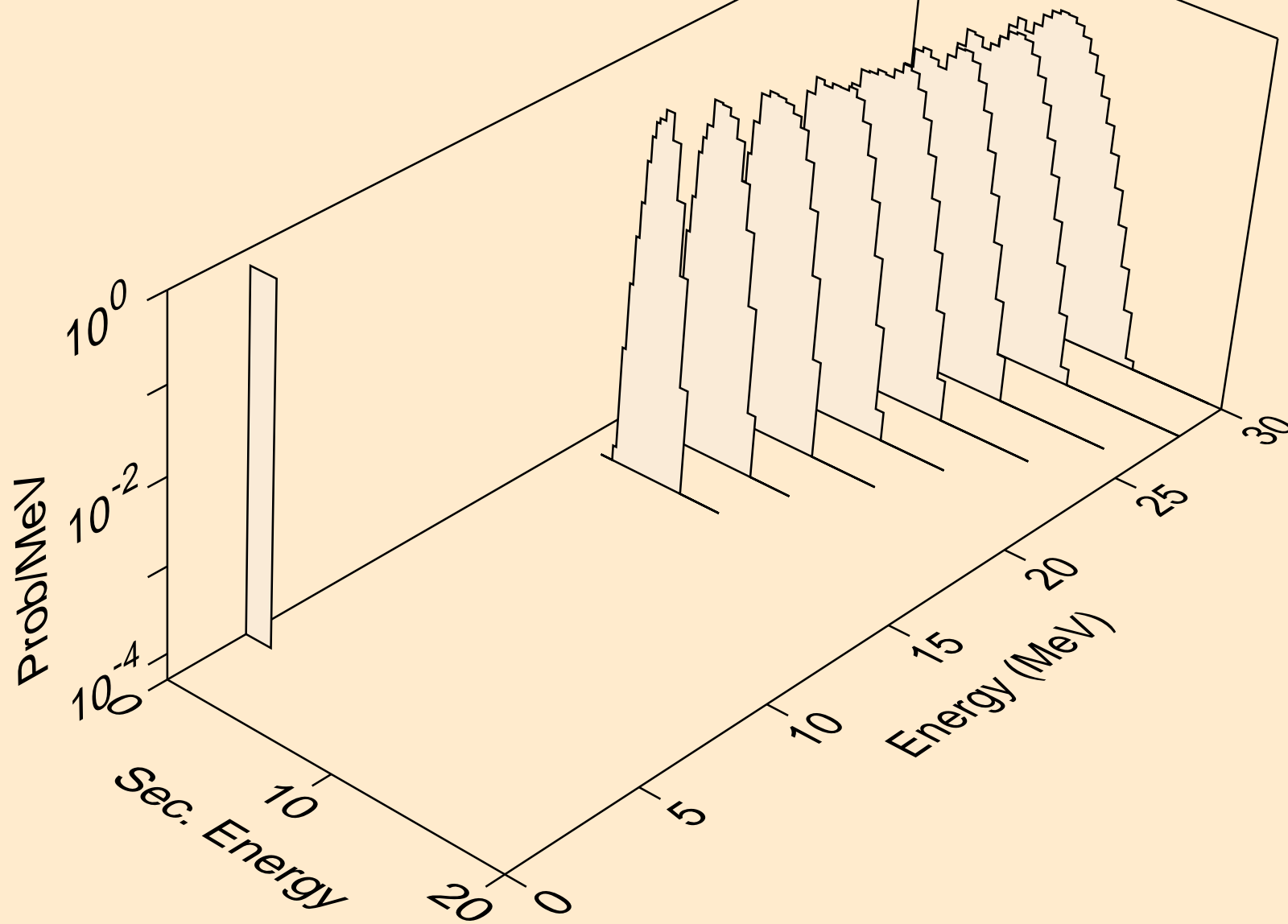
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



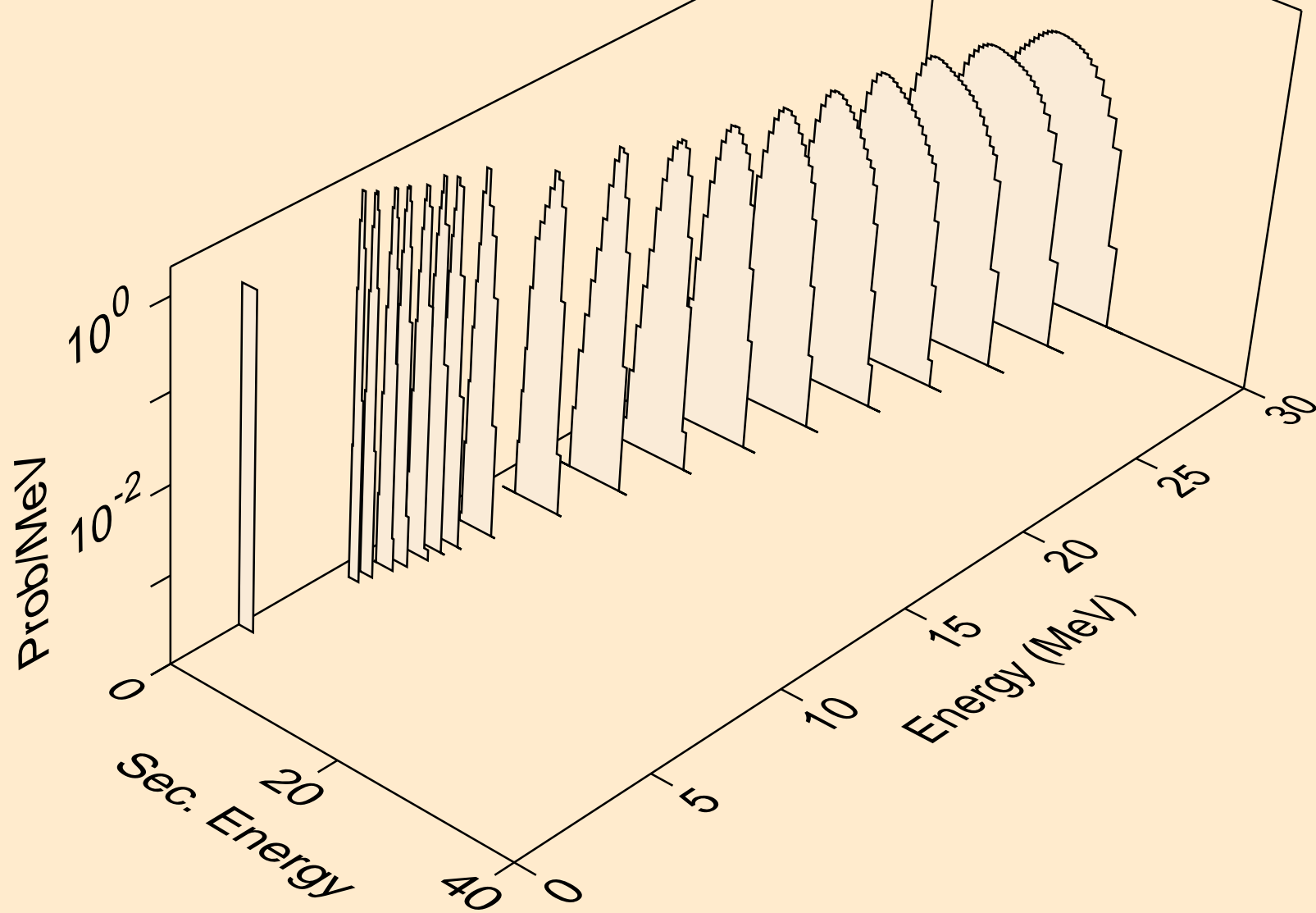
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



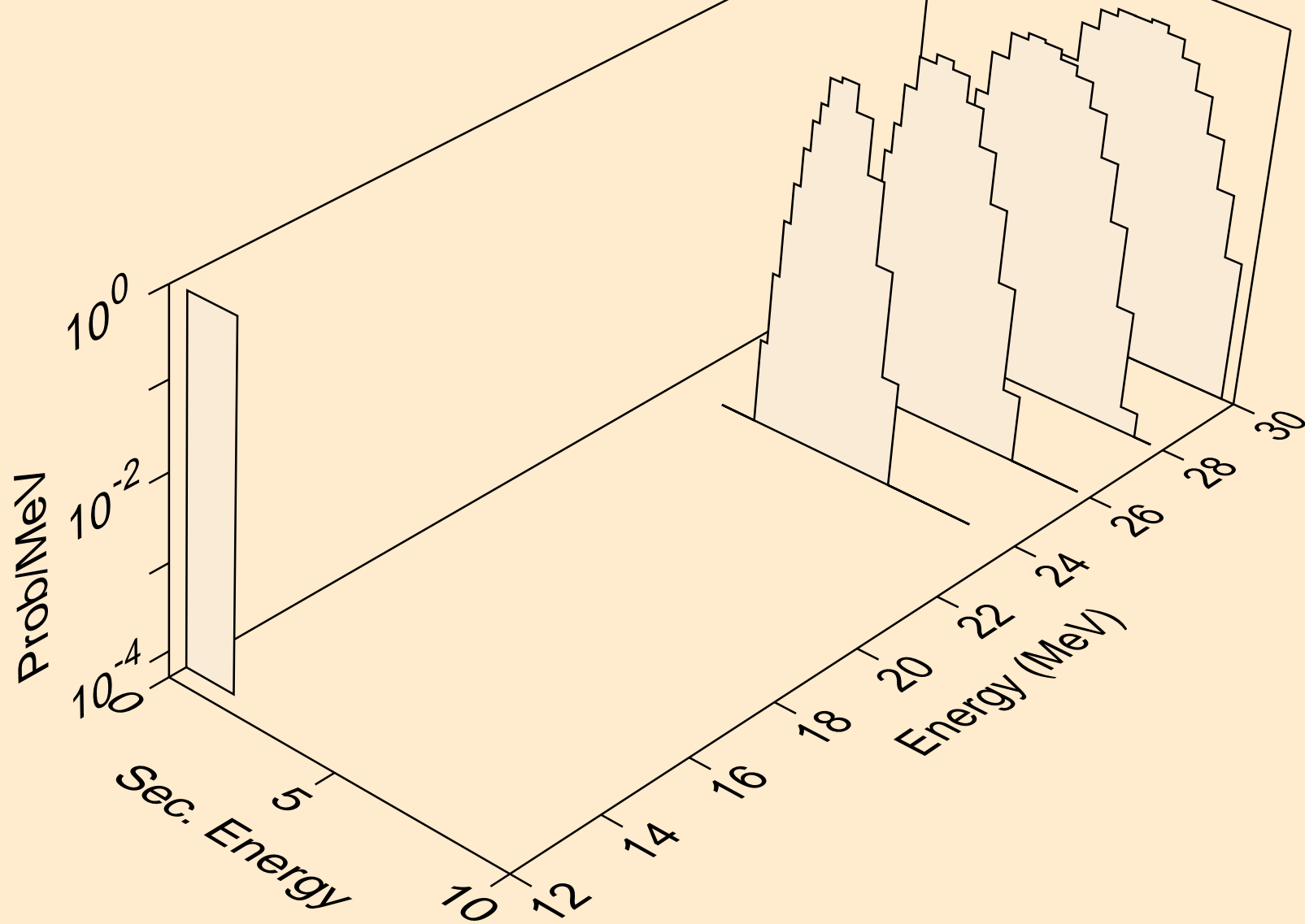
SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



SE072 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

