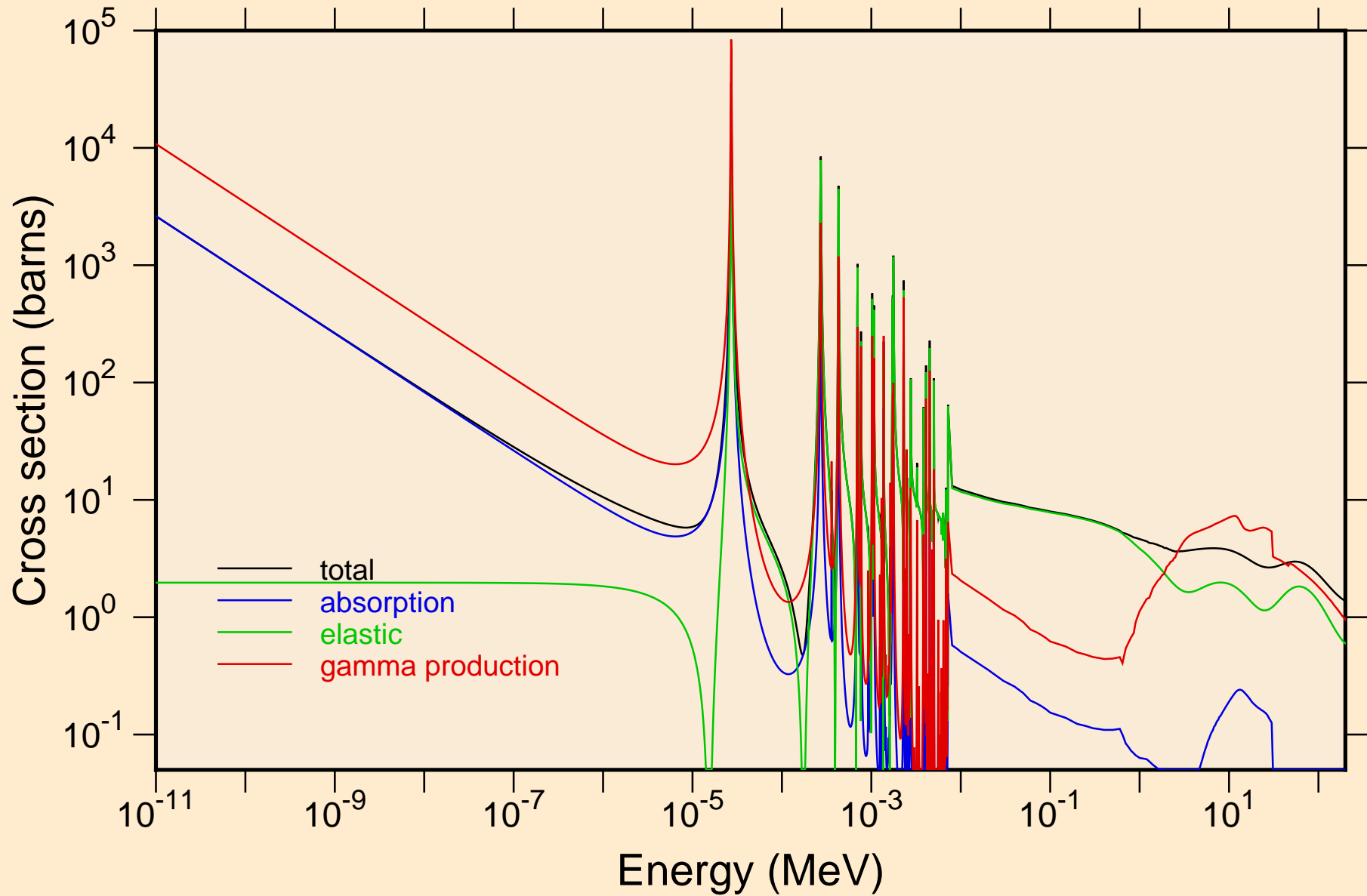
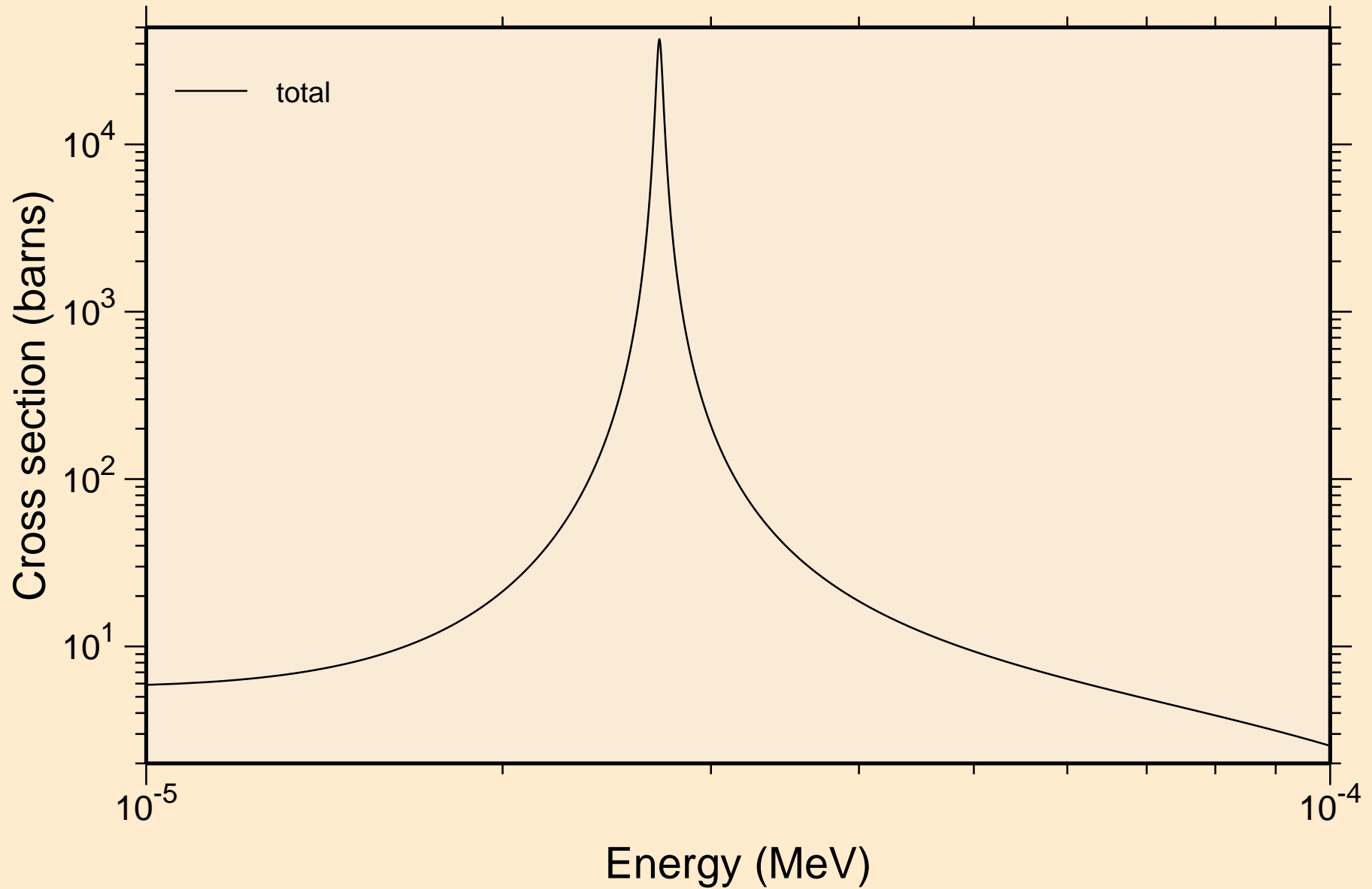


# SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

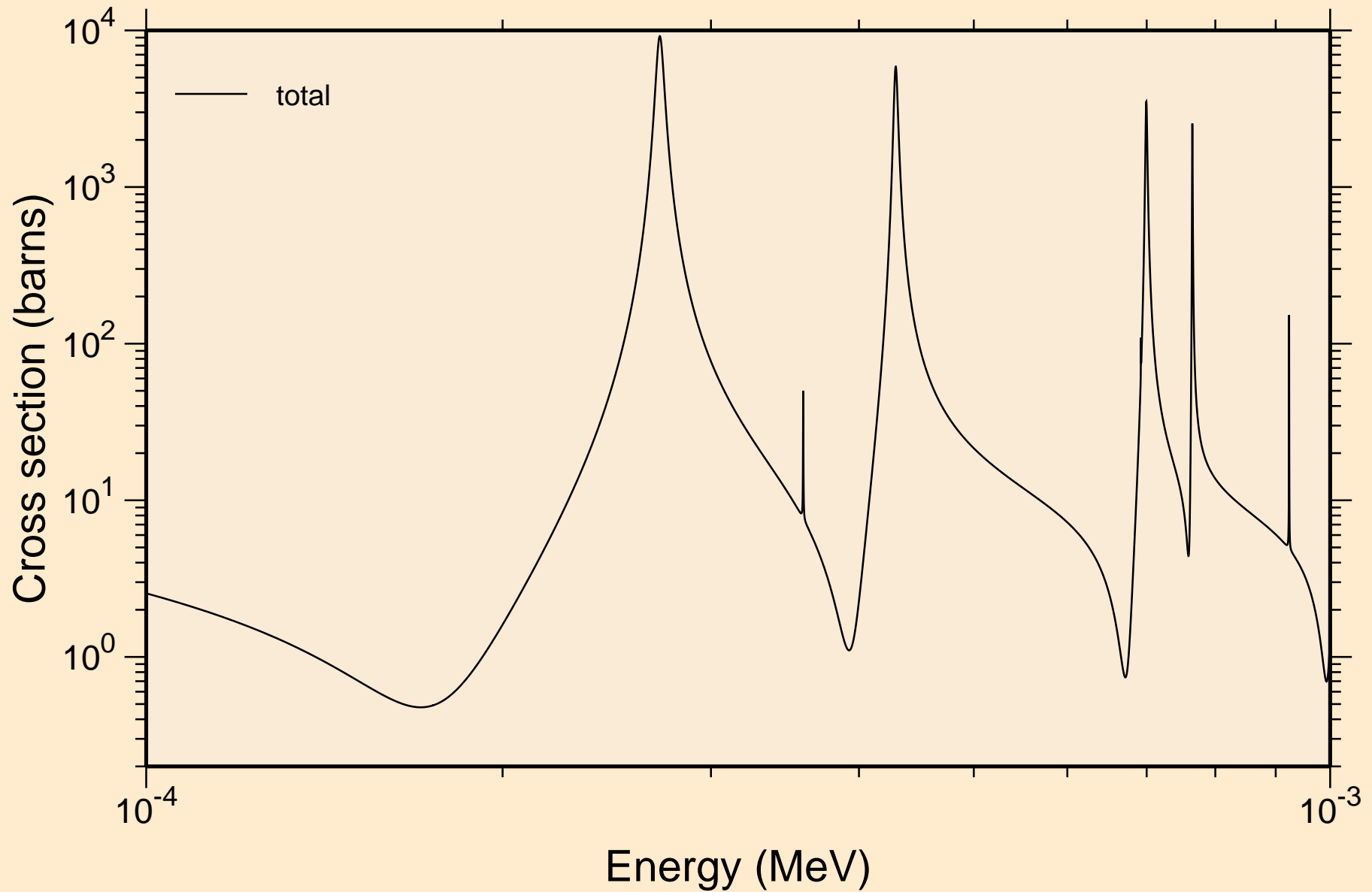
## Principal cross sections



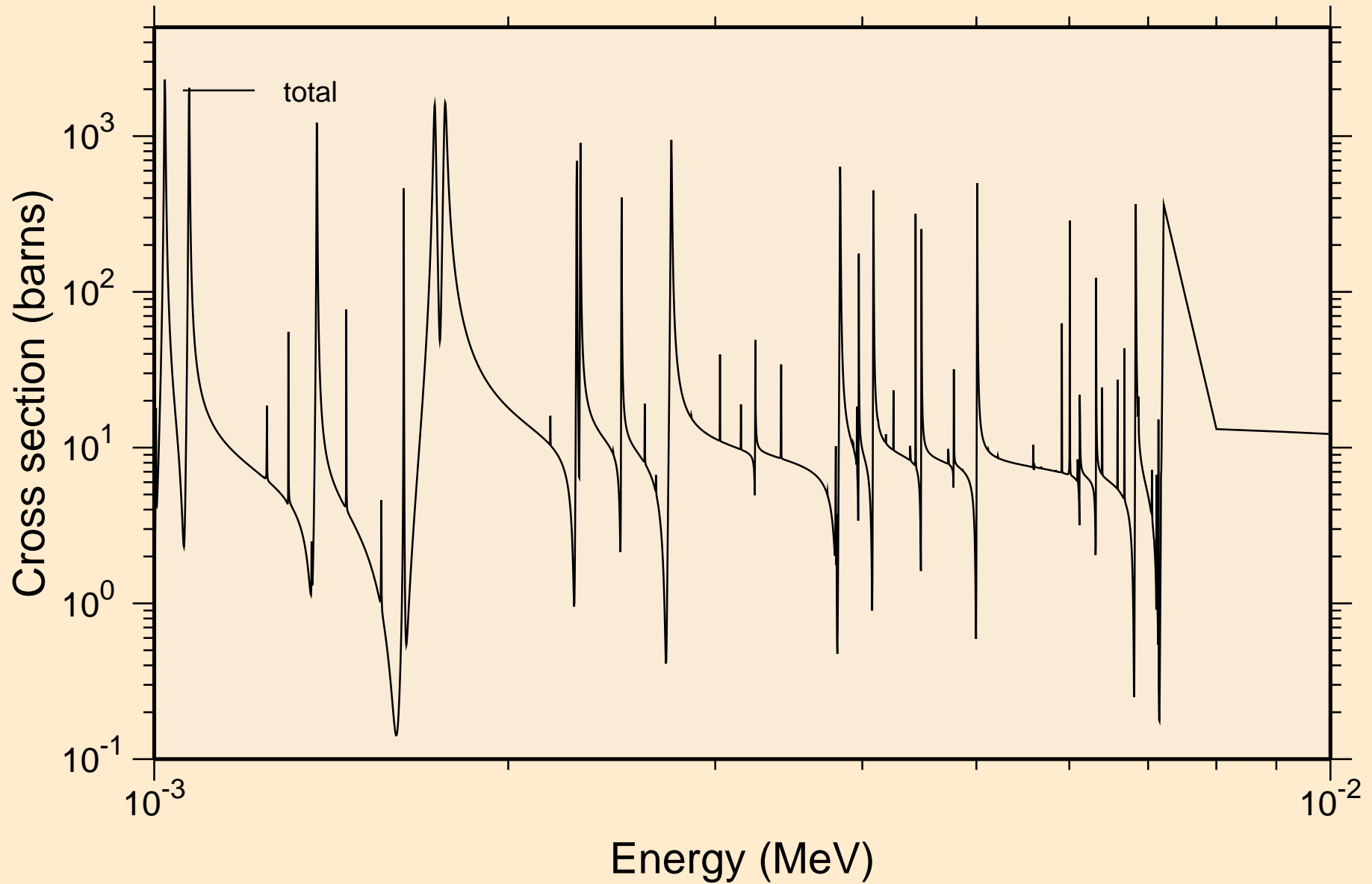
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resonance total cross section



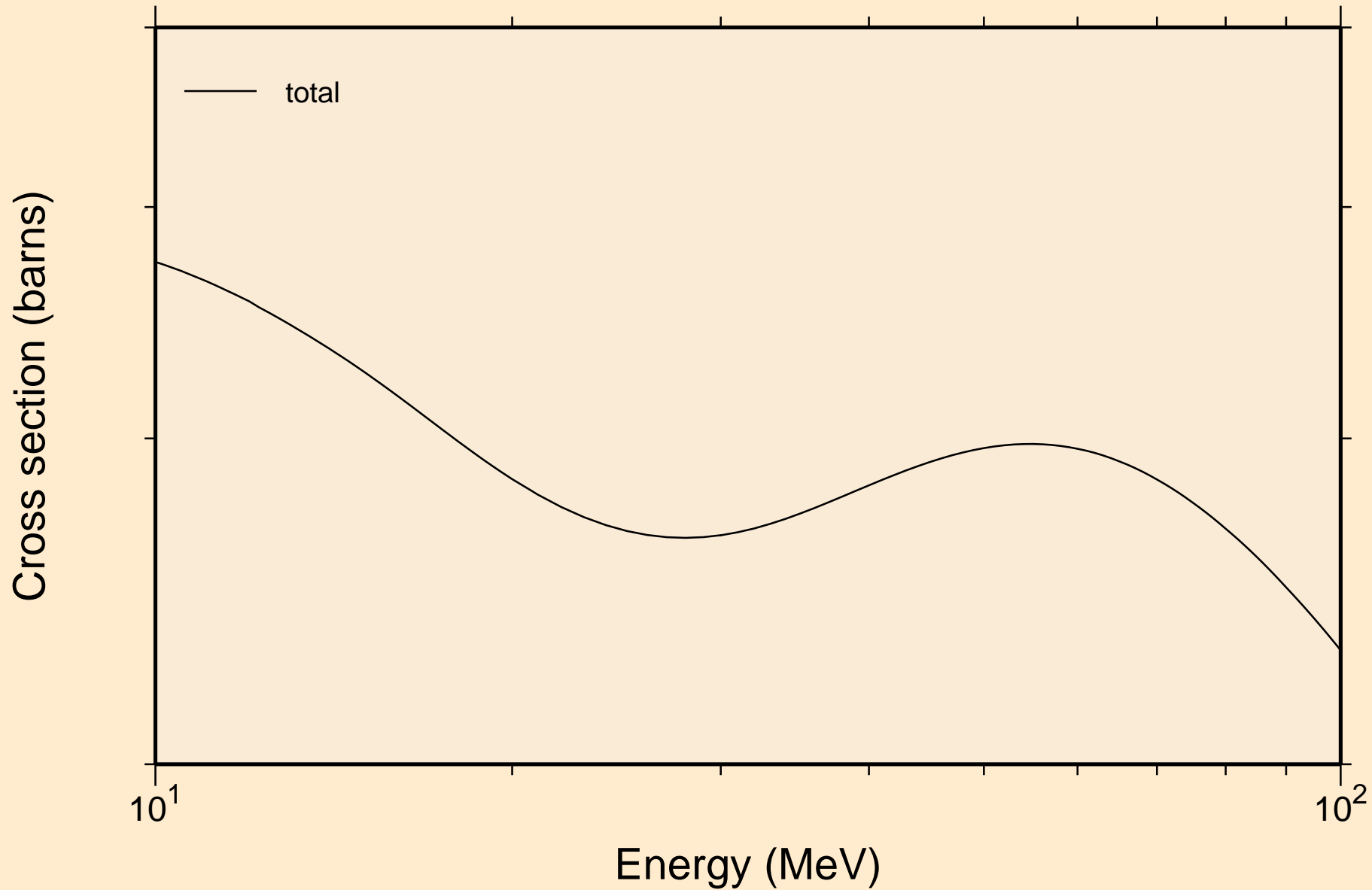
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resonance total cross section



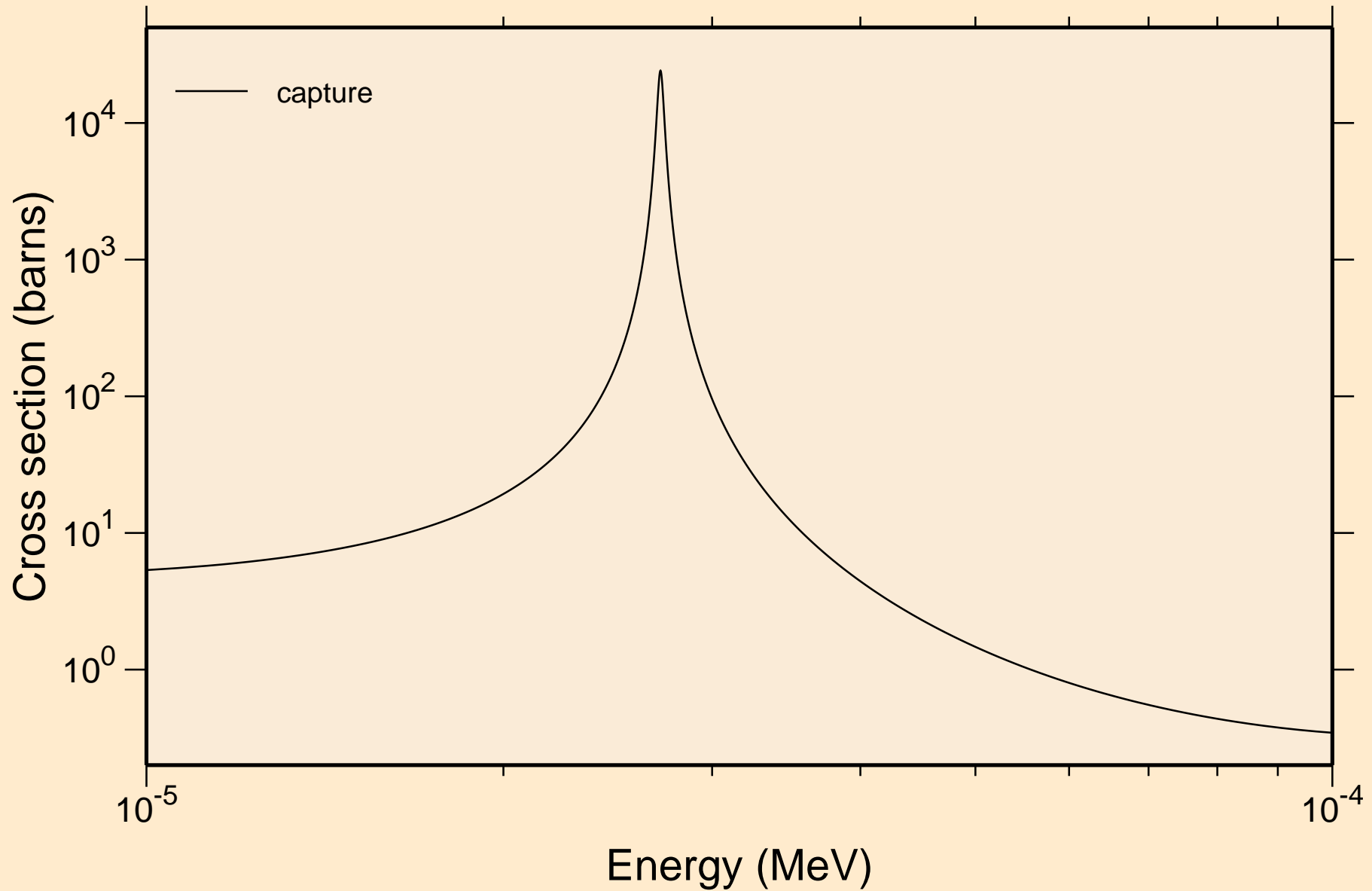
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resonance total cross section



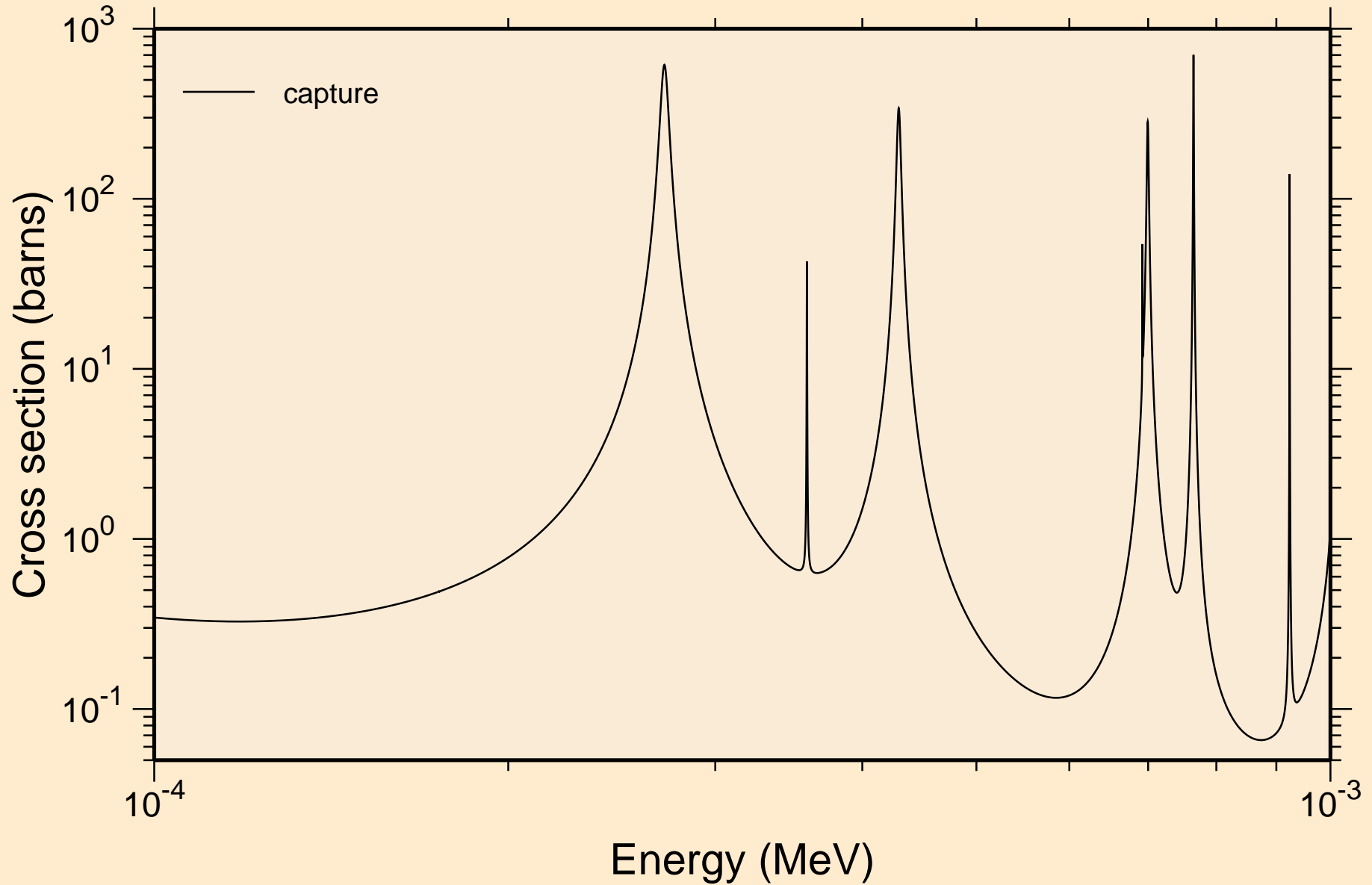
S<sub>E</sub>074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



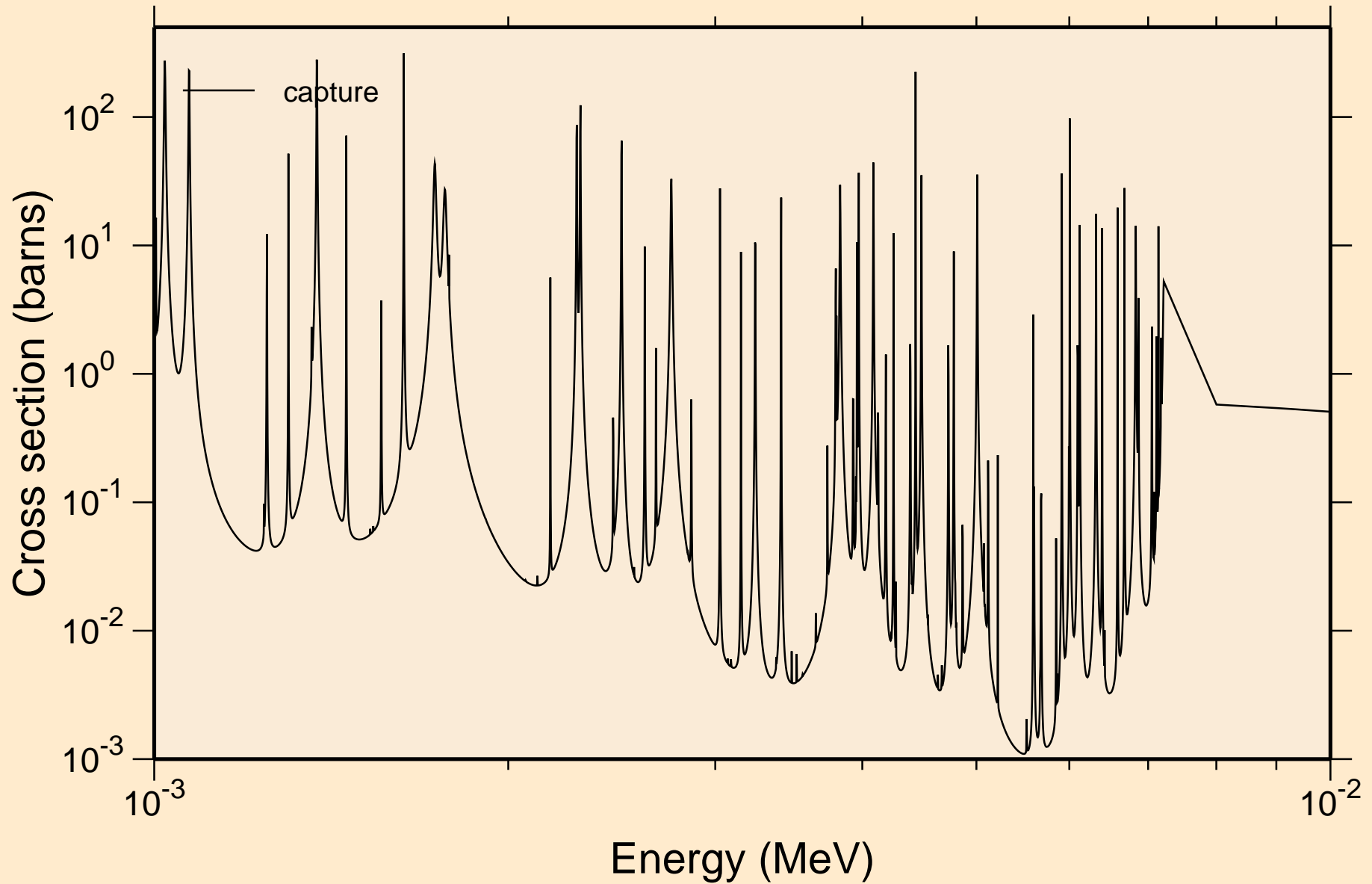
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

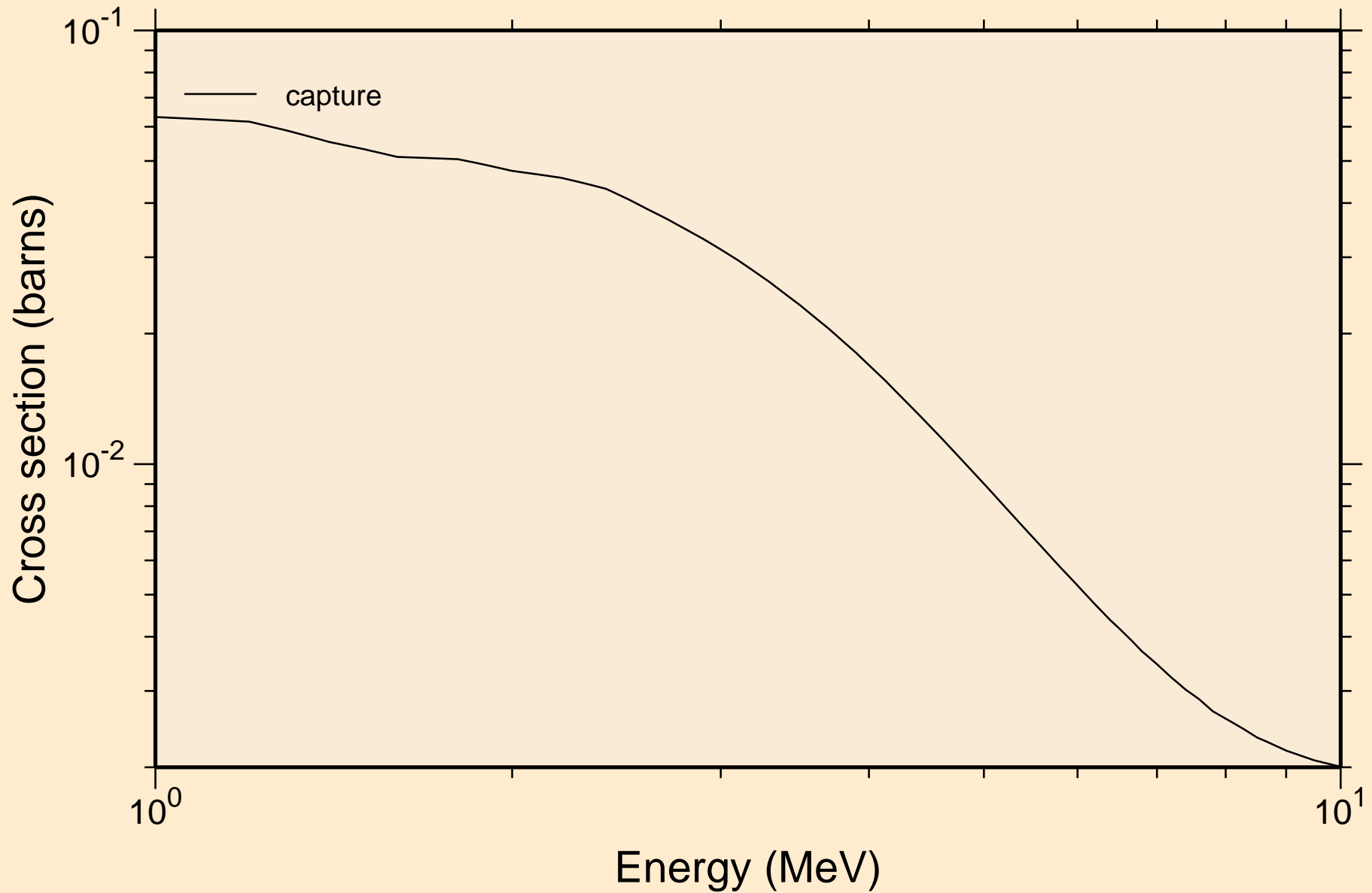


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

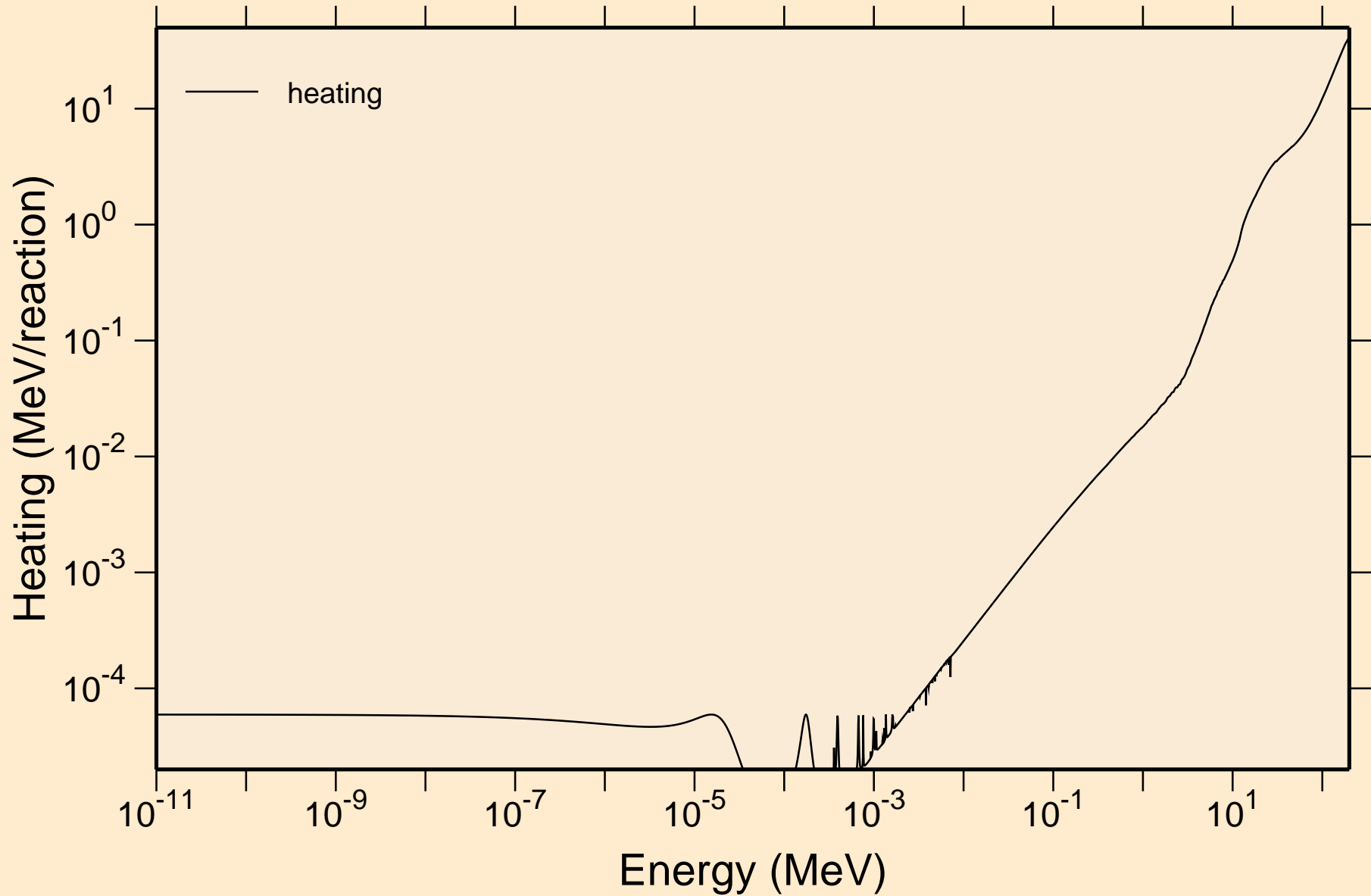




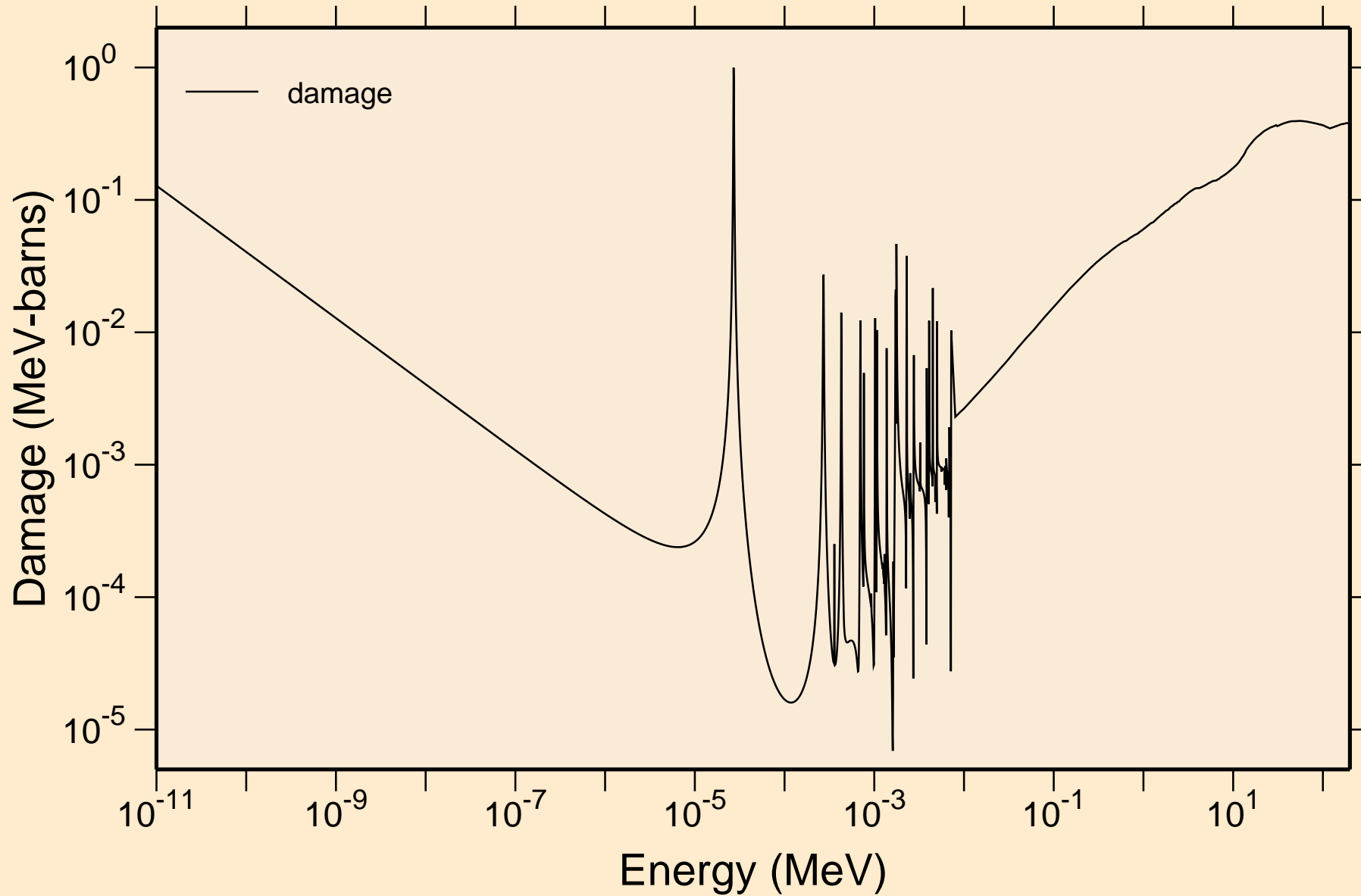
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



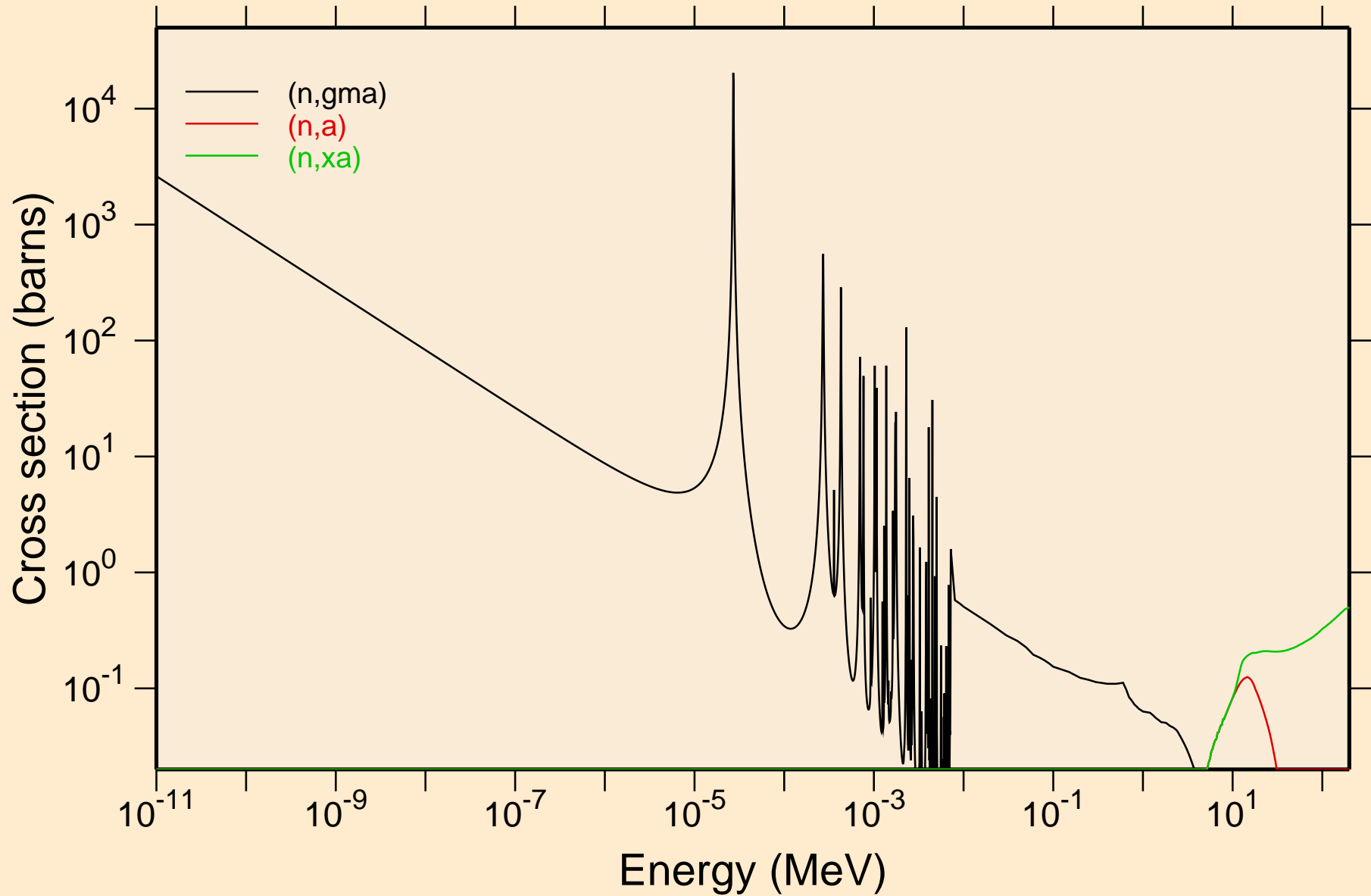
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

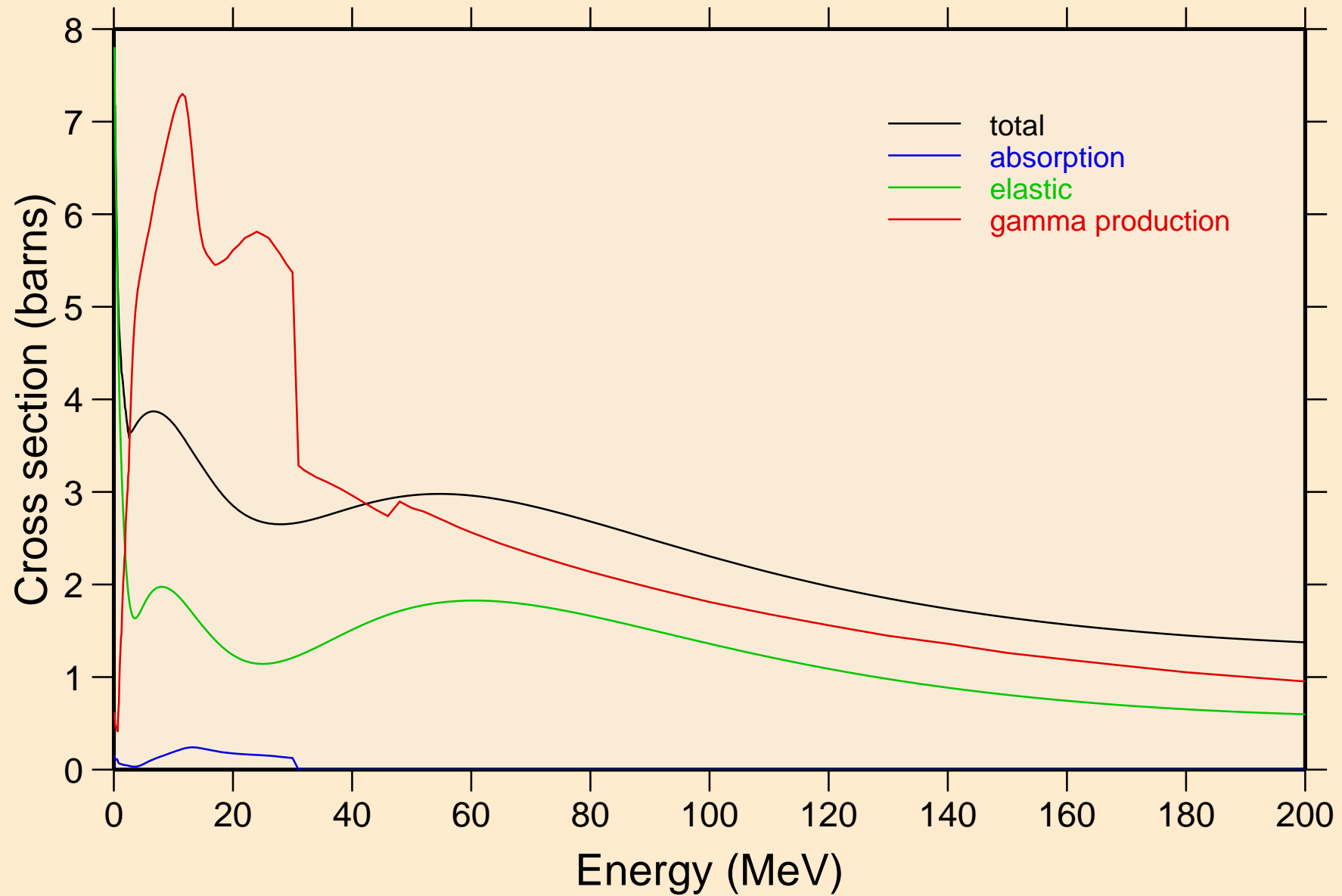


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



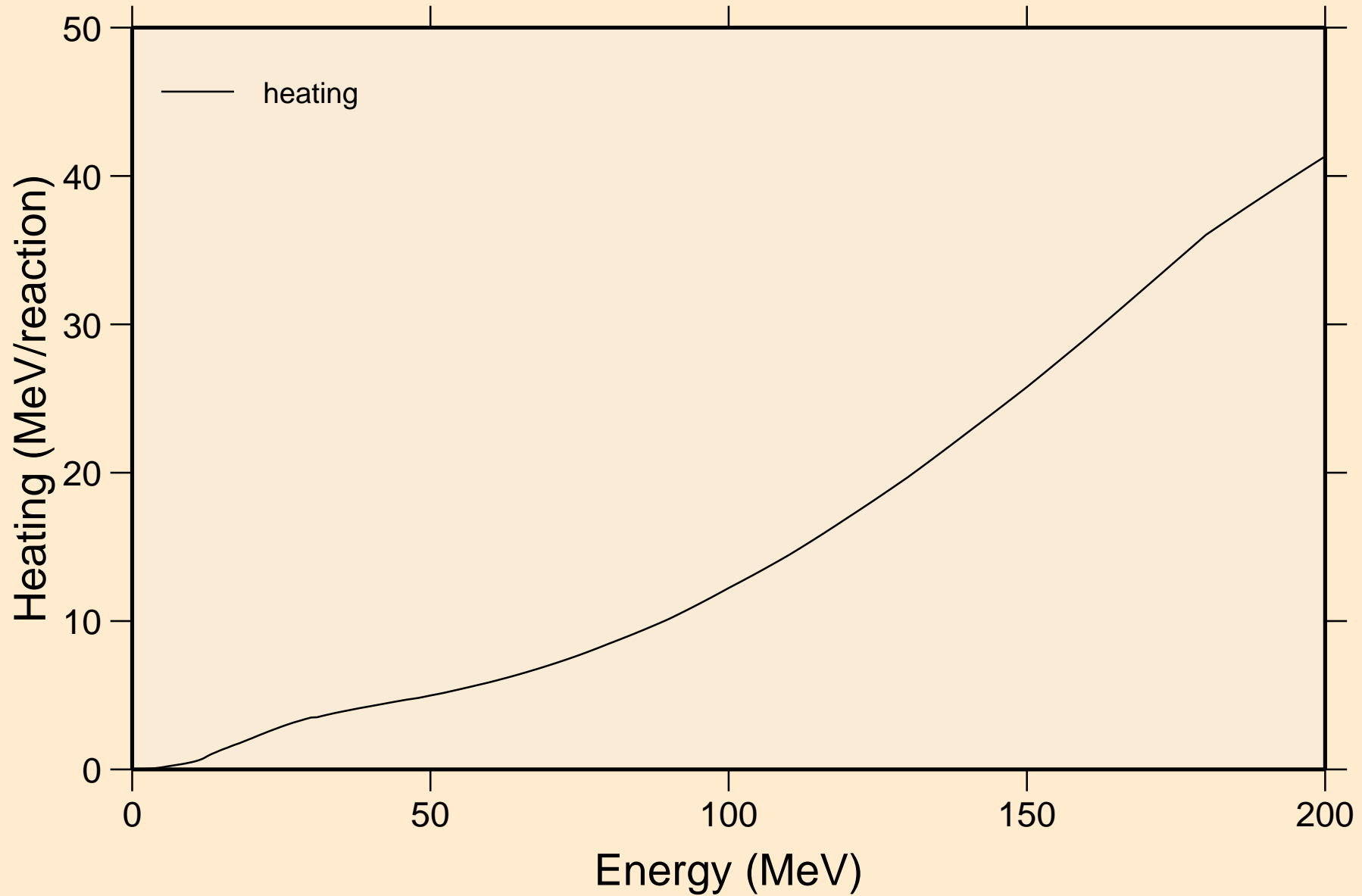
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## Principal cross sections



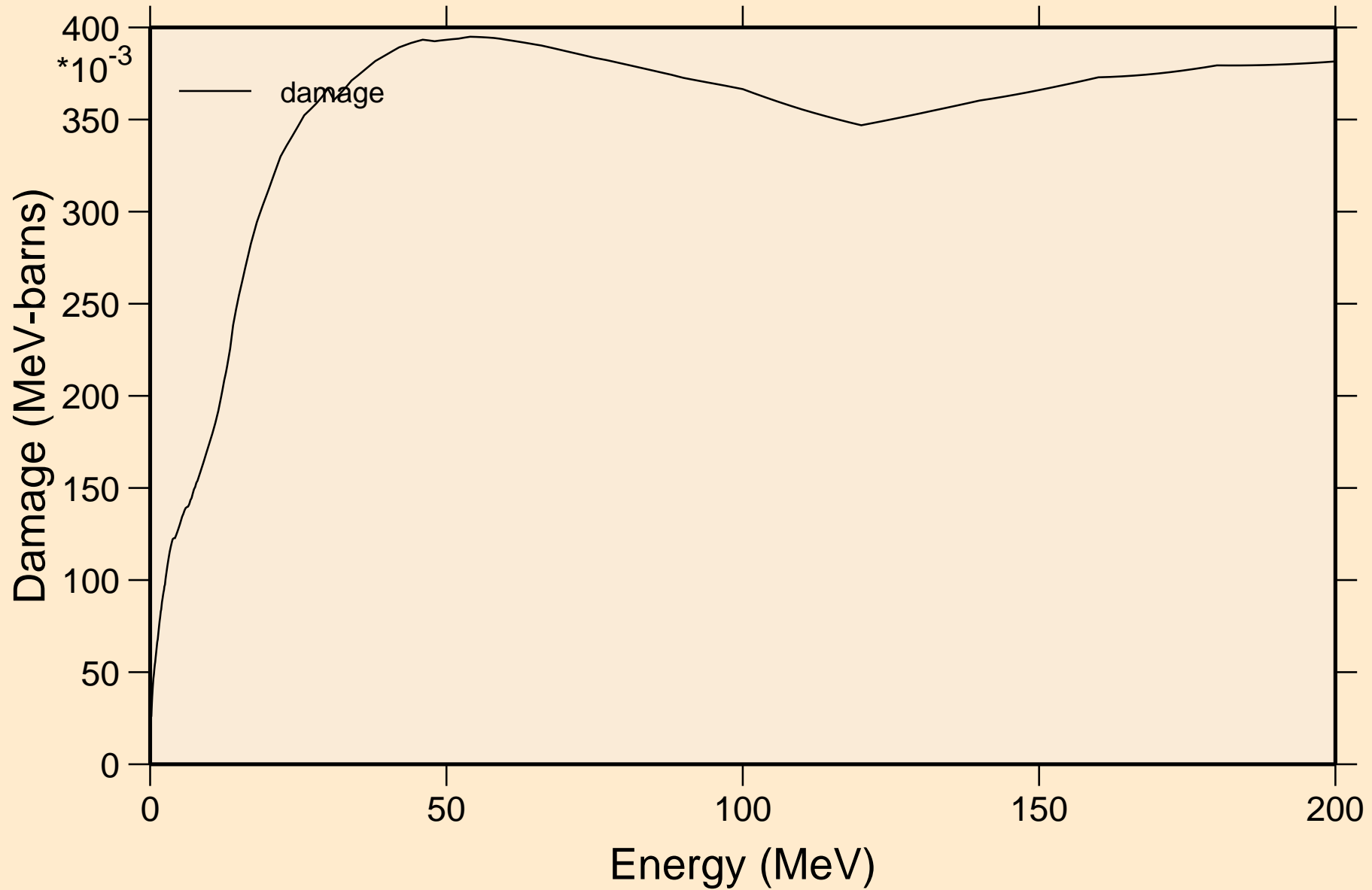
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## Heating

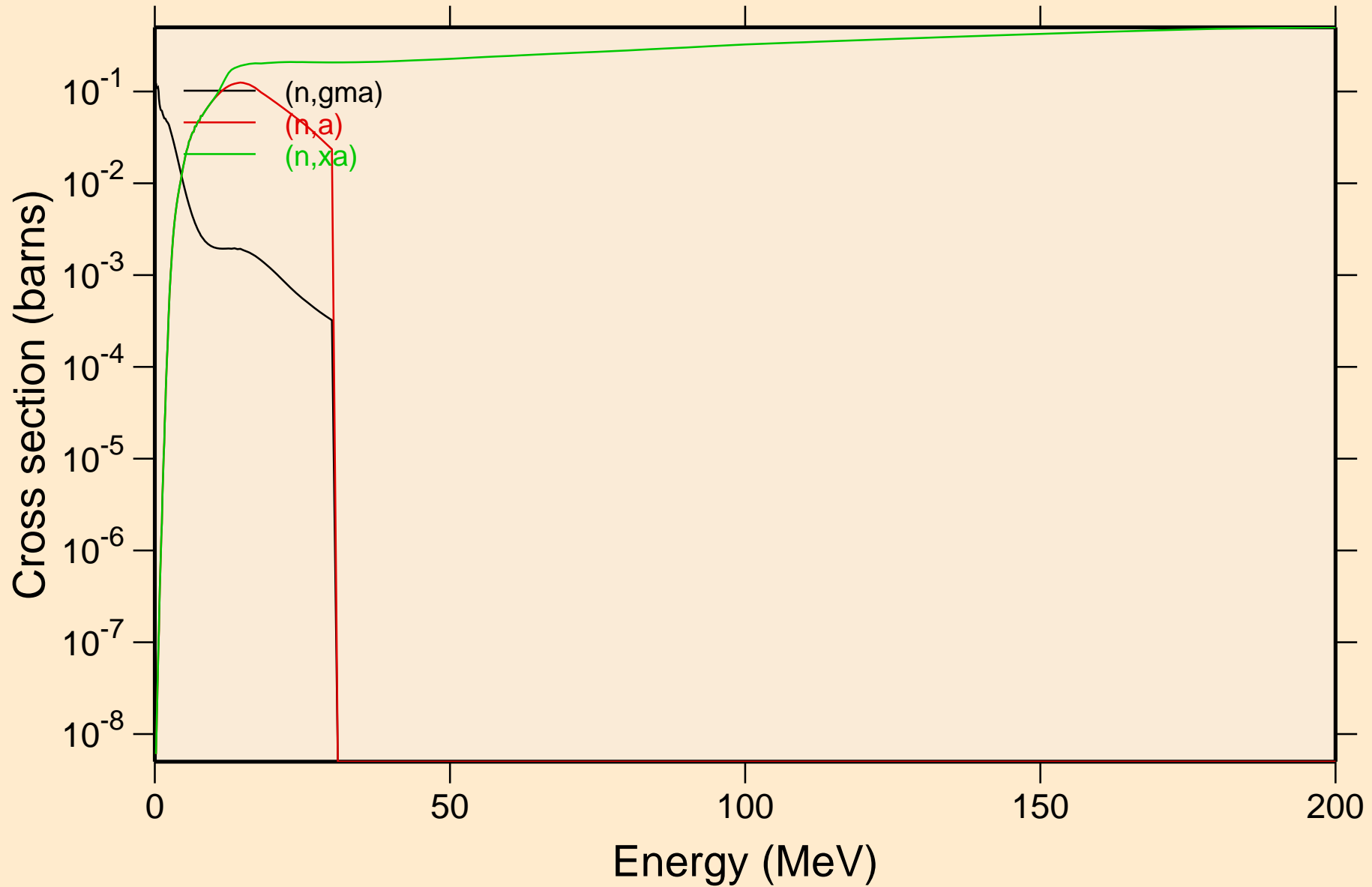


# SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

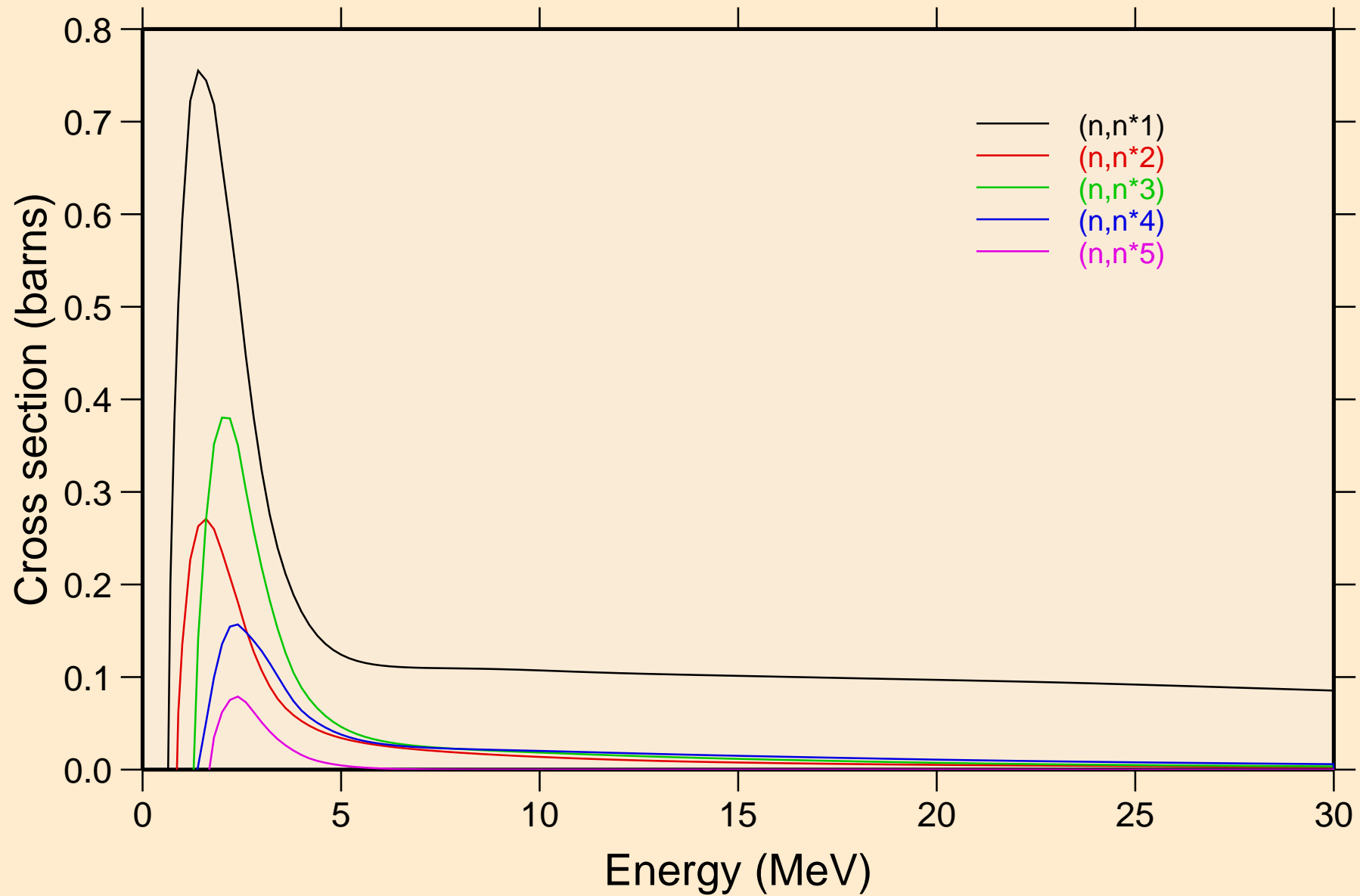


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



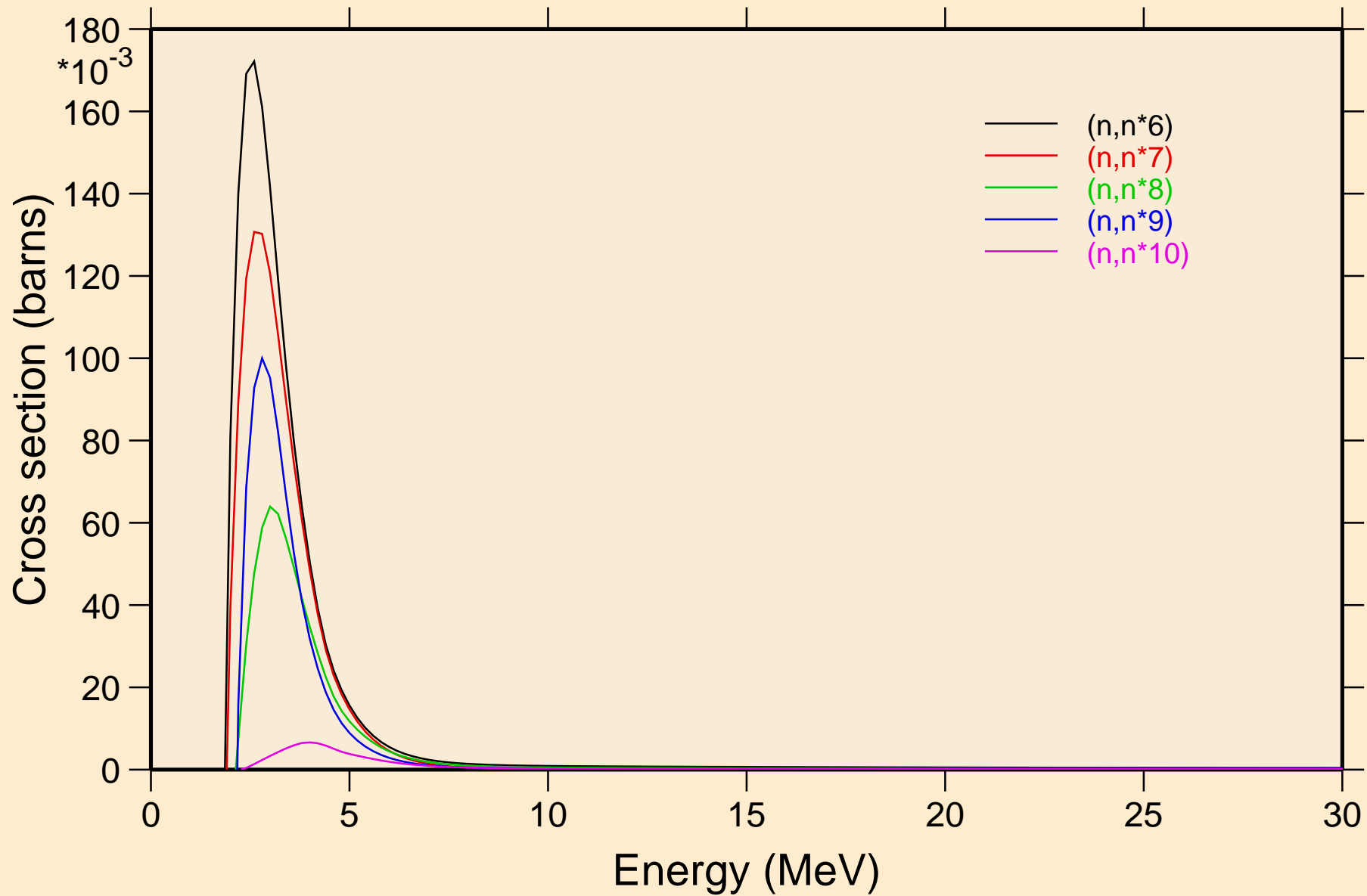


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

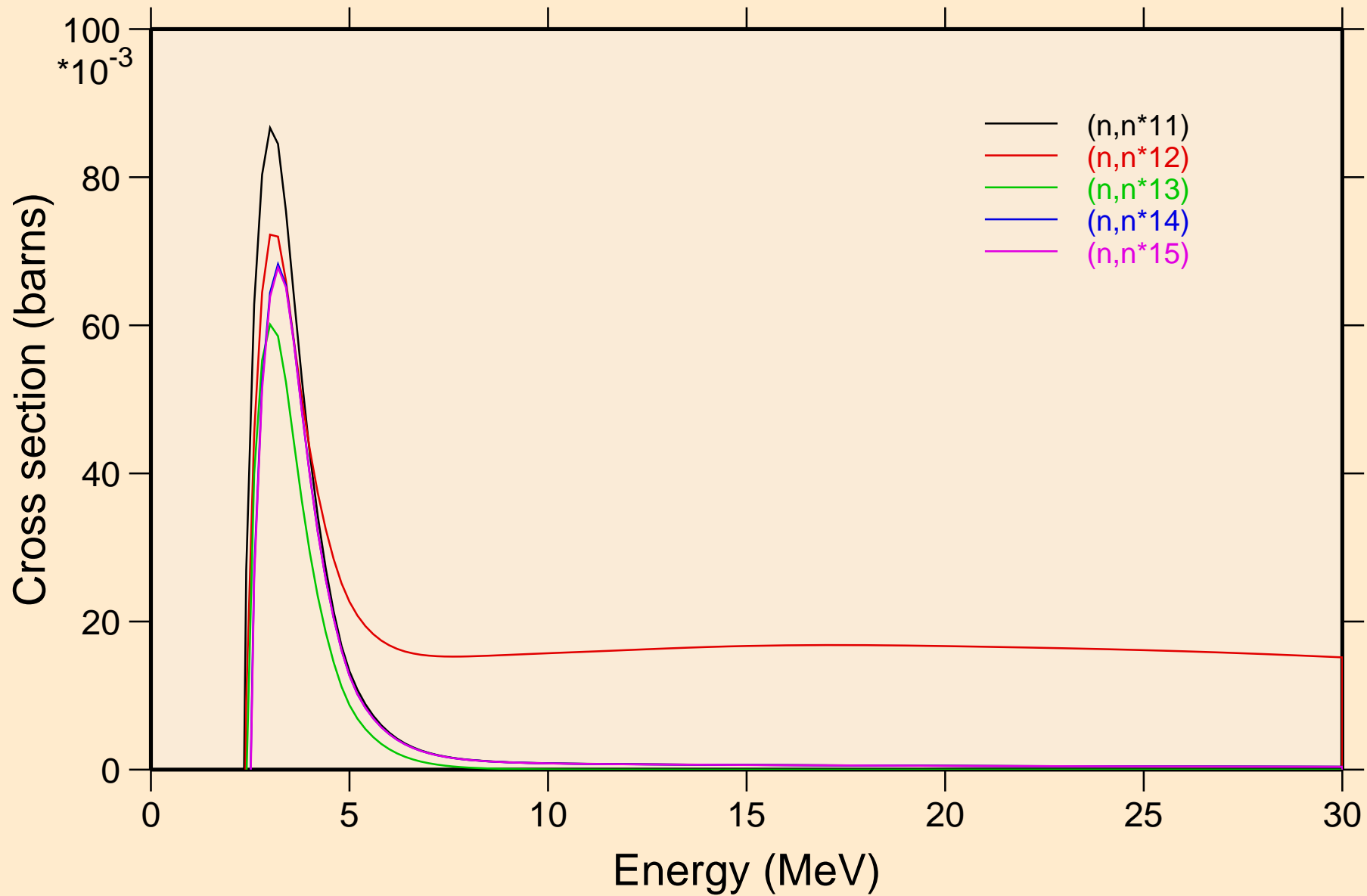


# SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

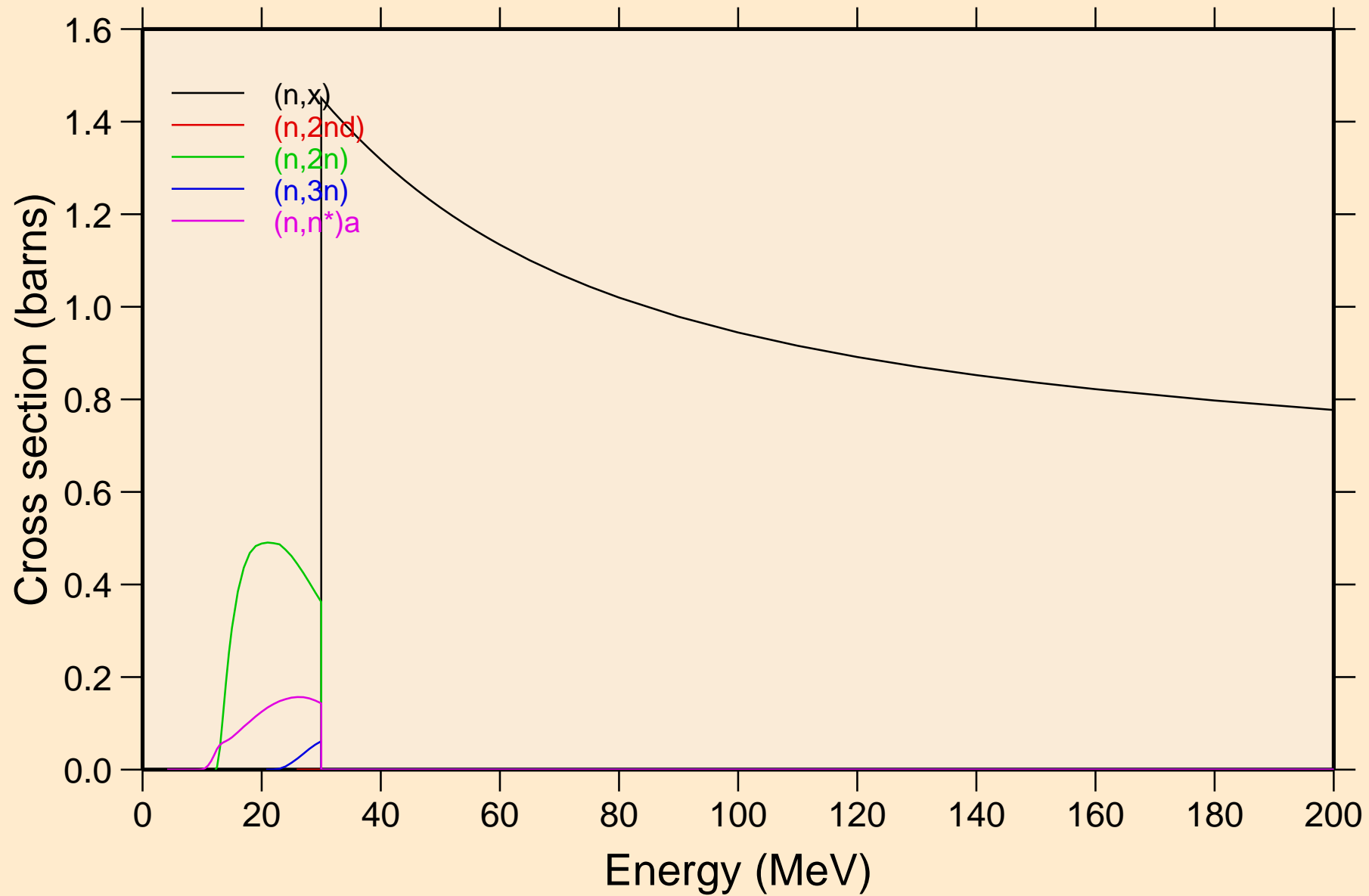
## Inelastic levels



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

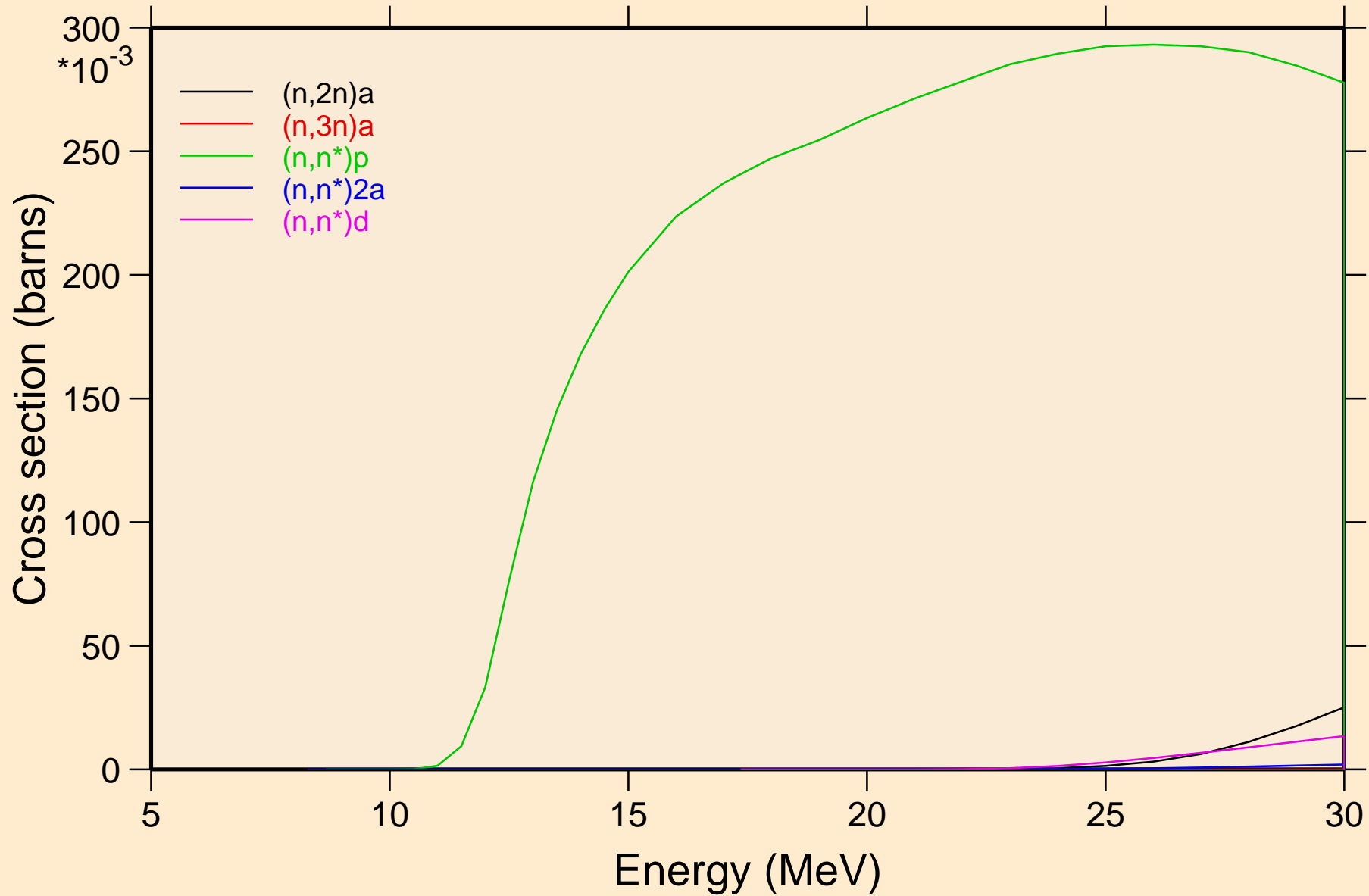


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



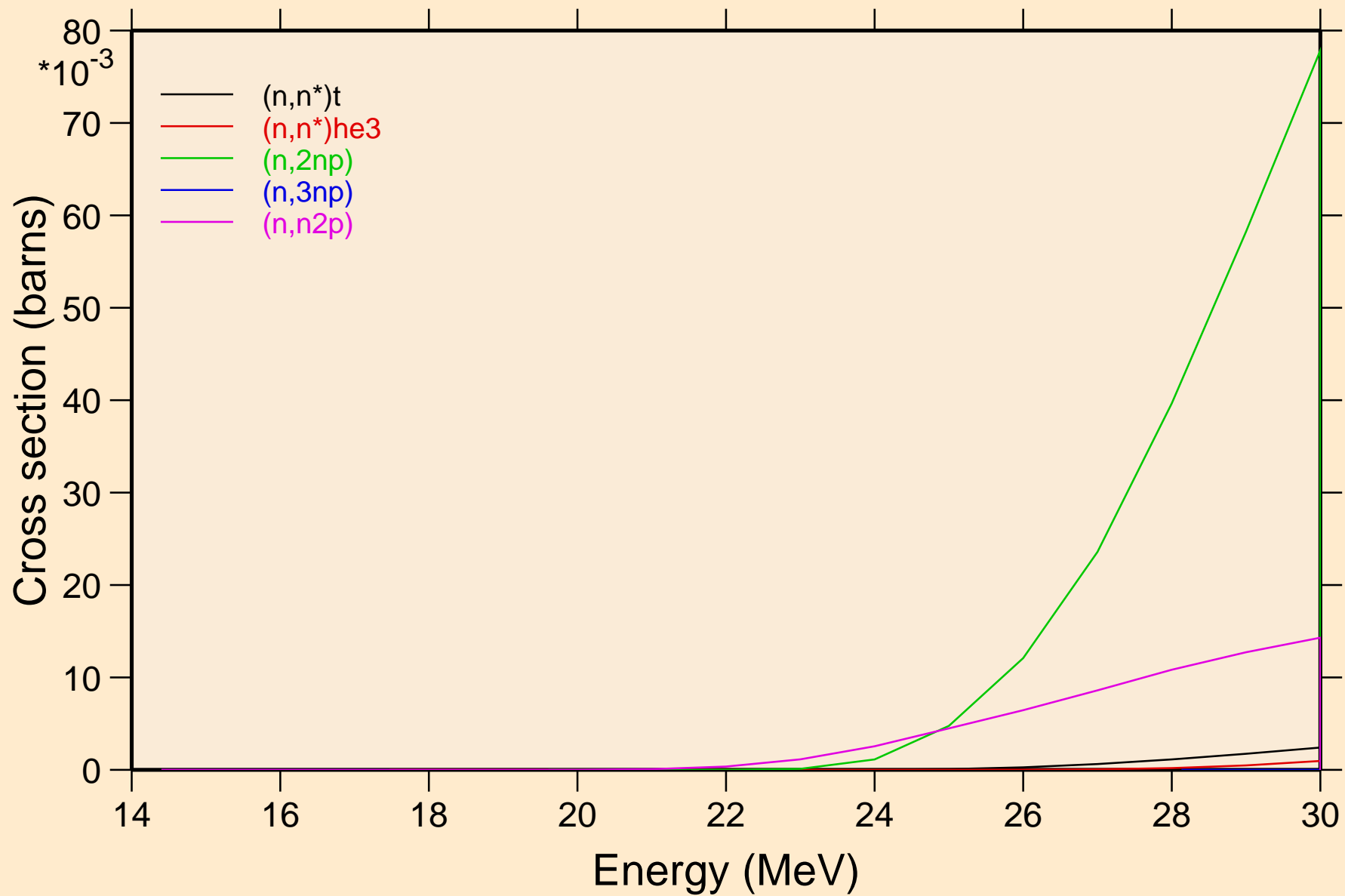
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## Threshold reactions

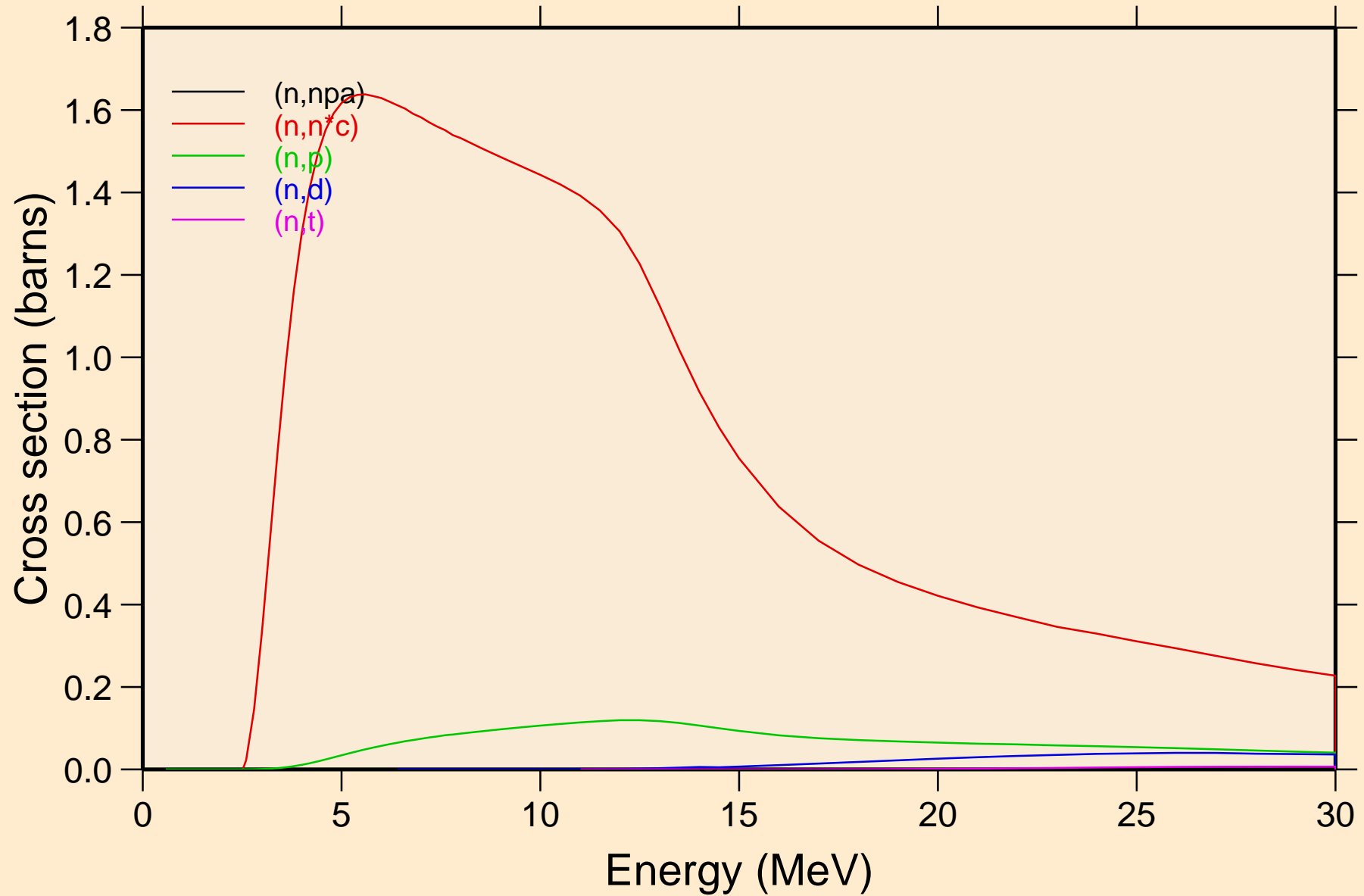


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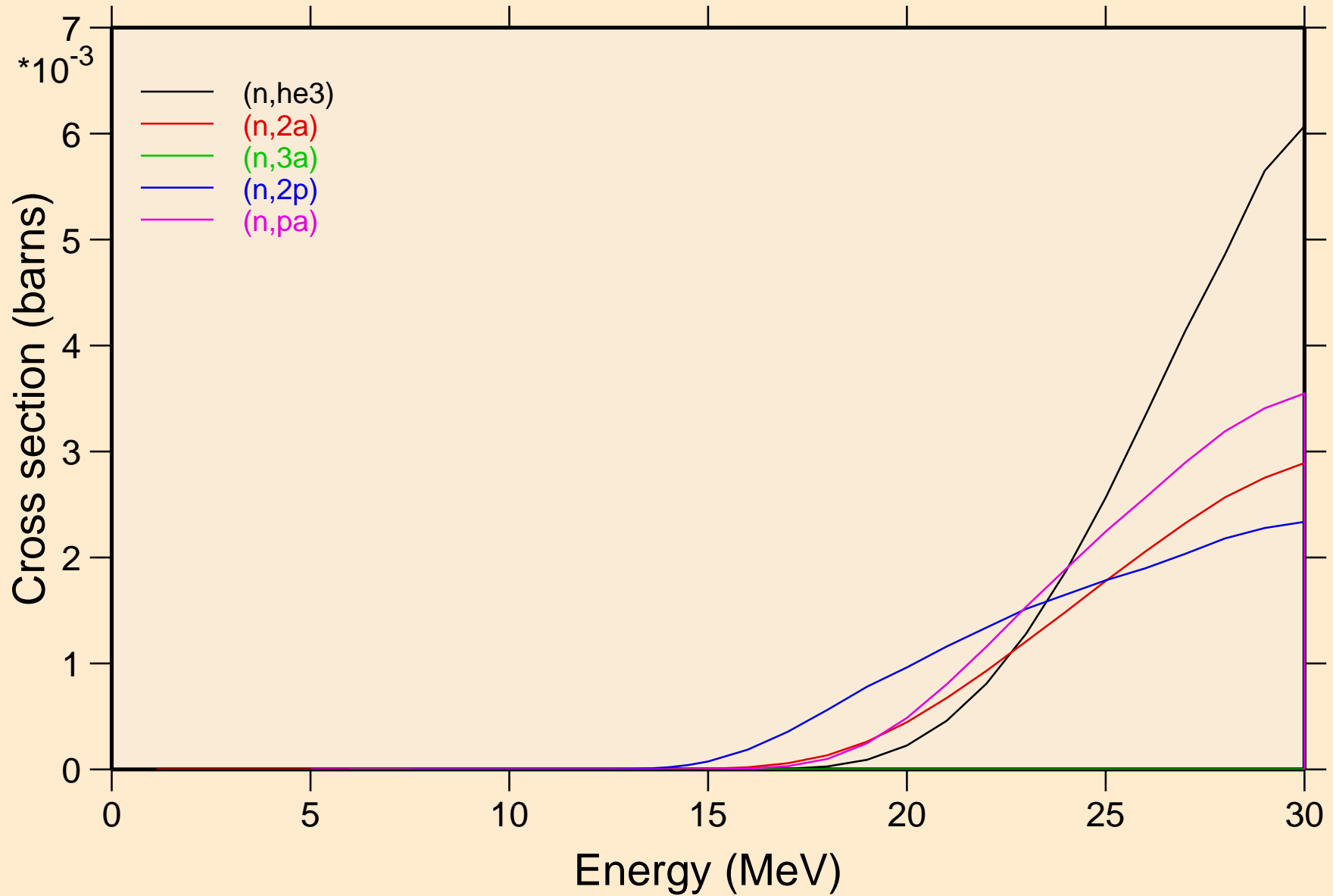
## Threshold reactions



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



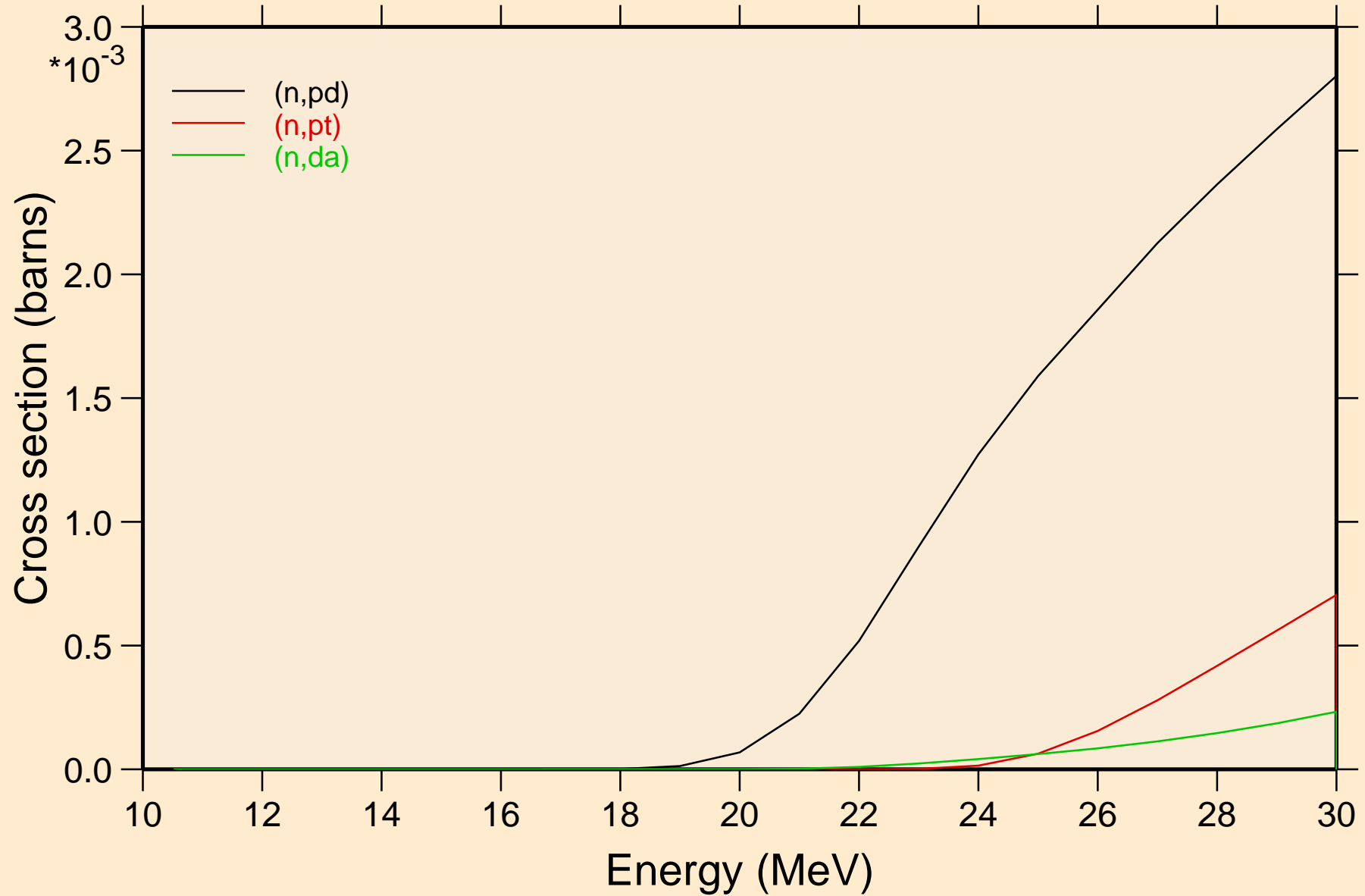
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions





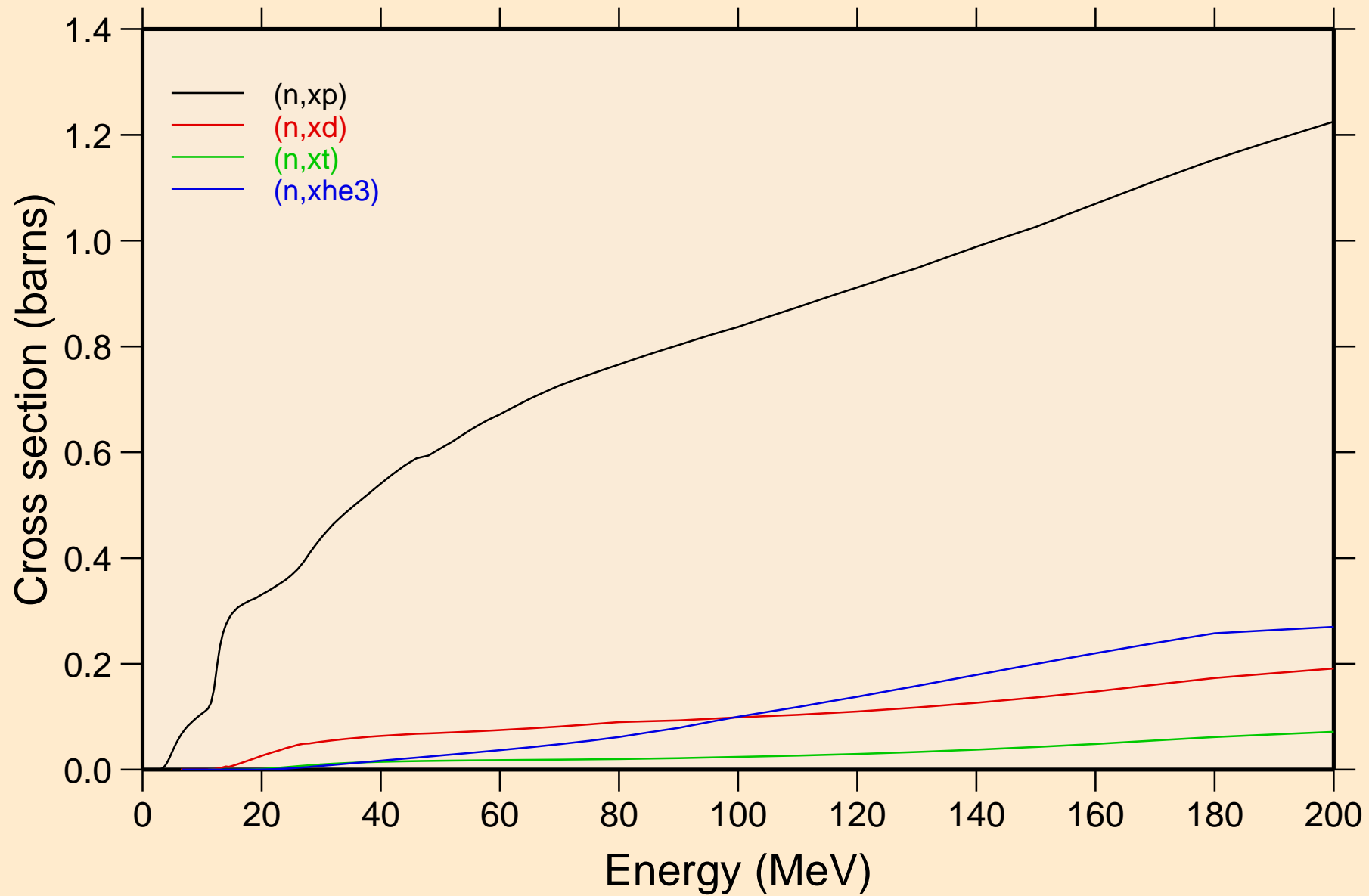
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## Threshold reactions

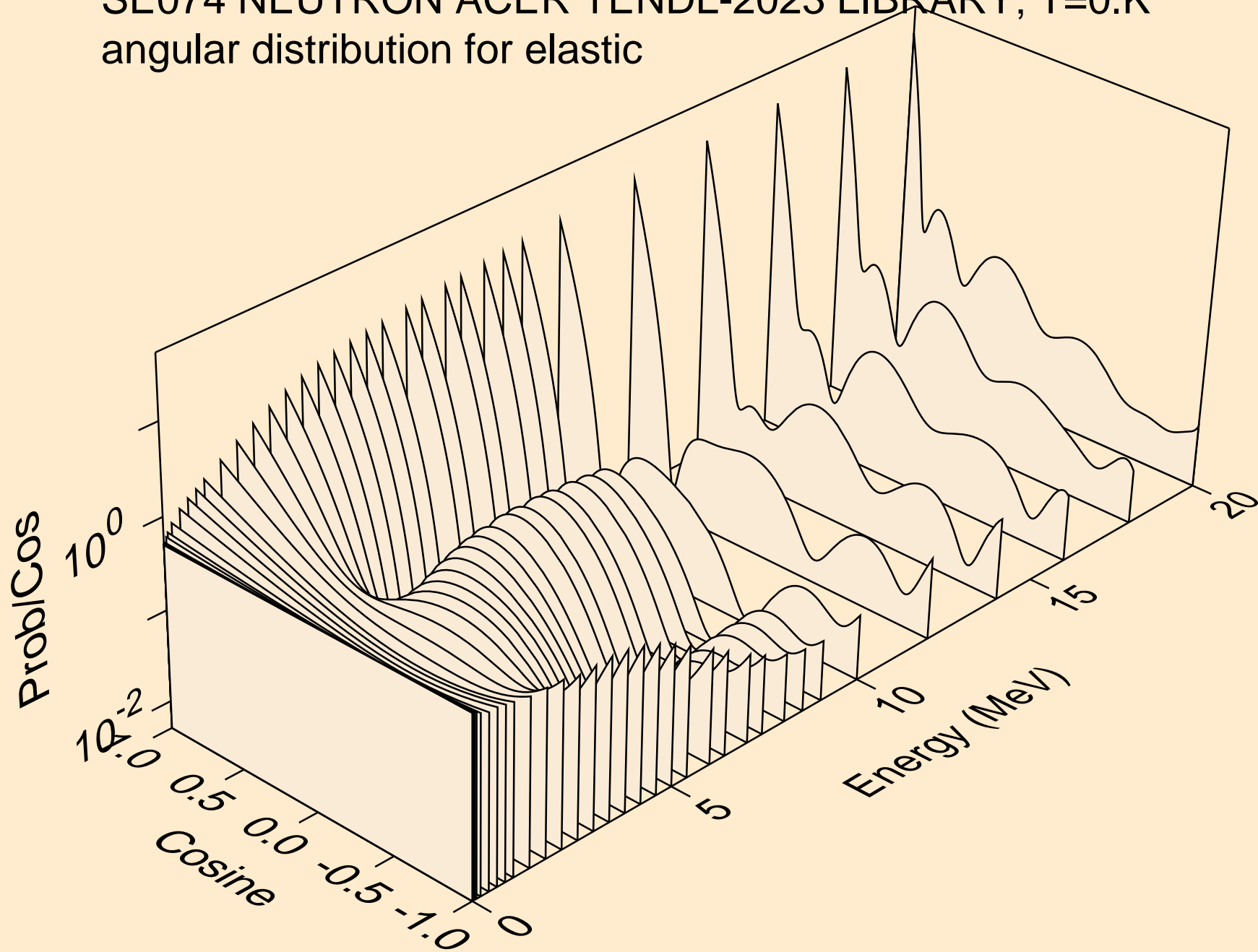


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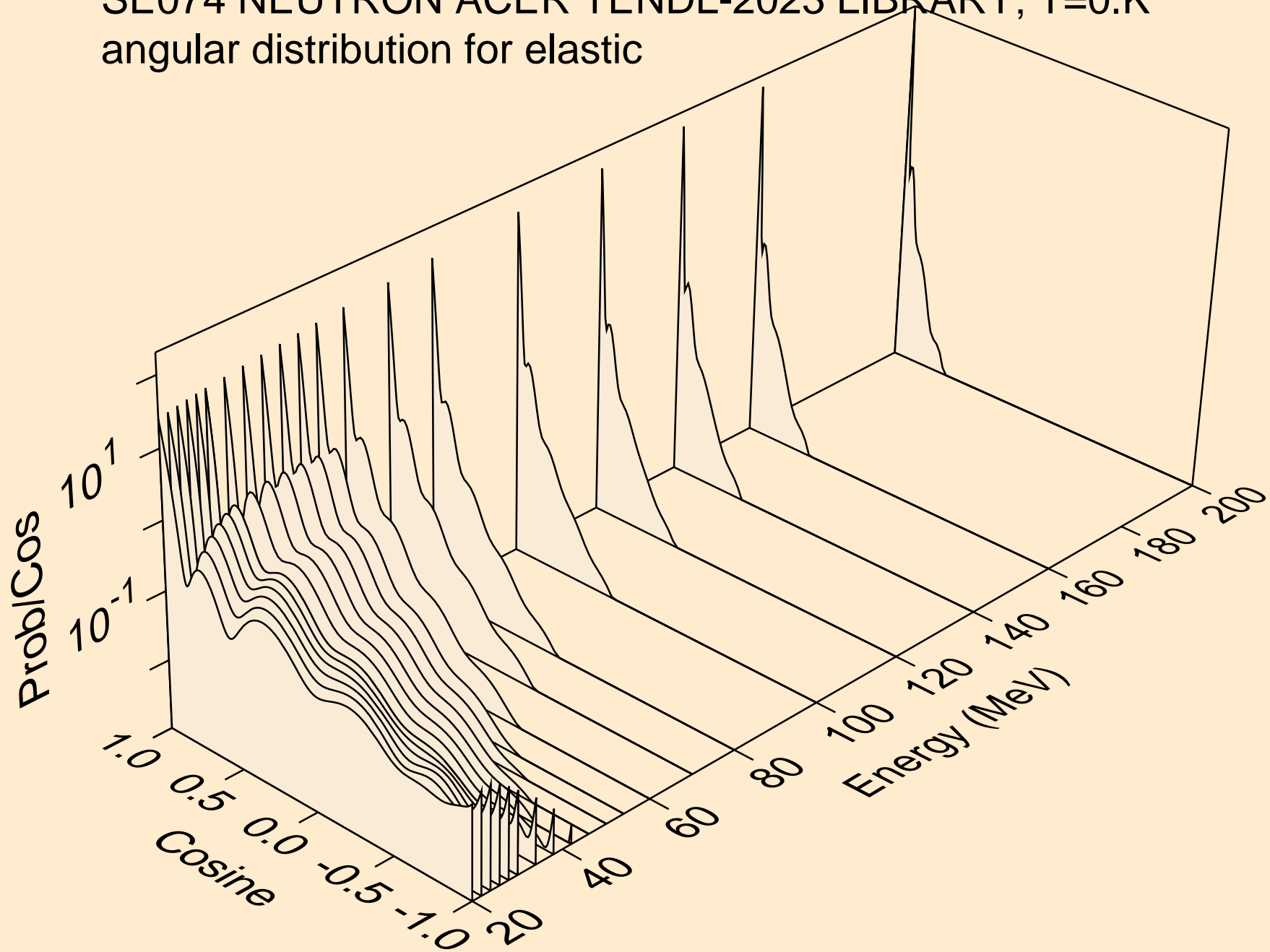
## Threshold reactions



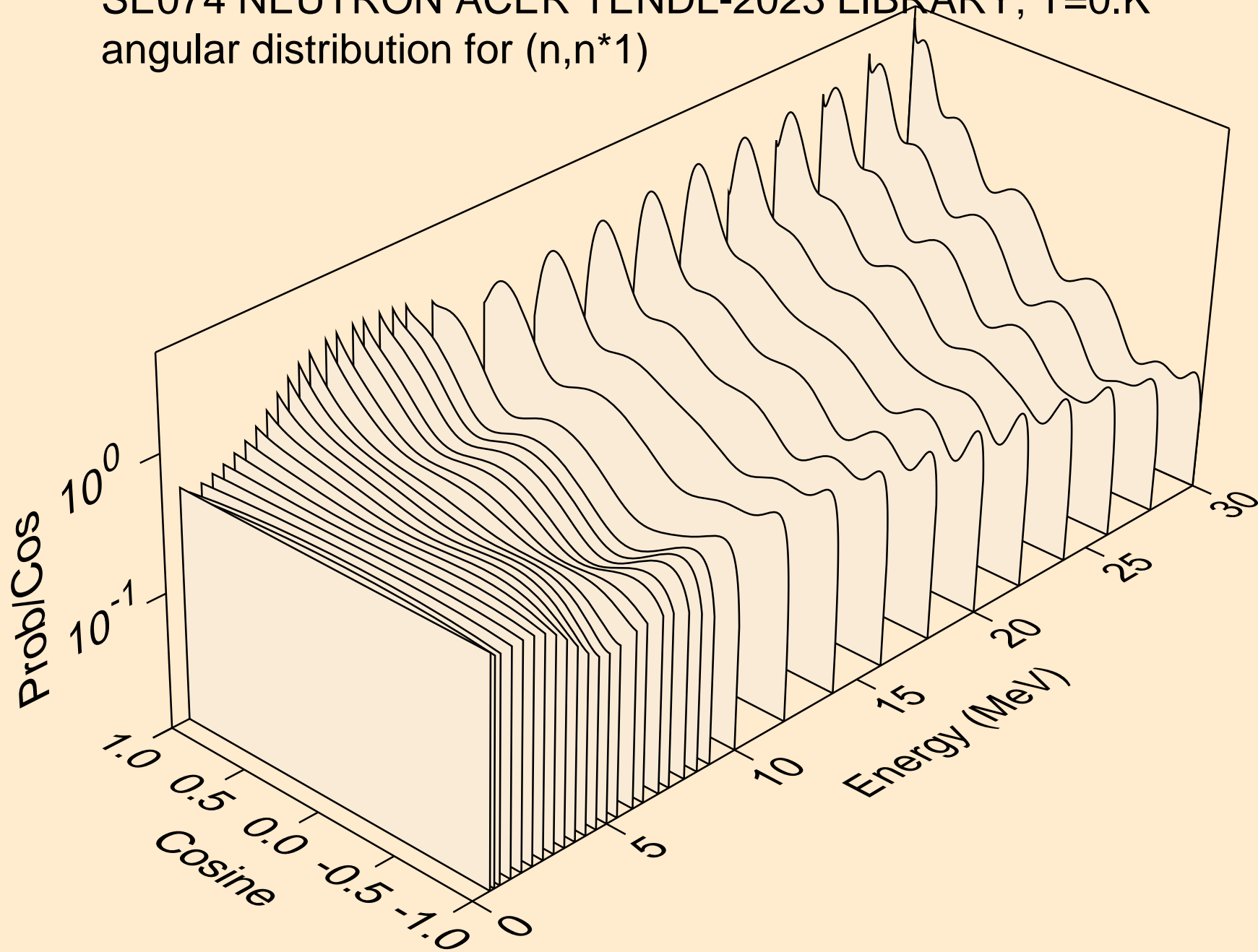
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



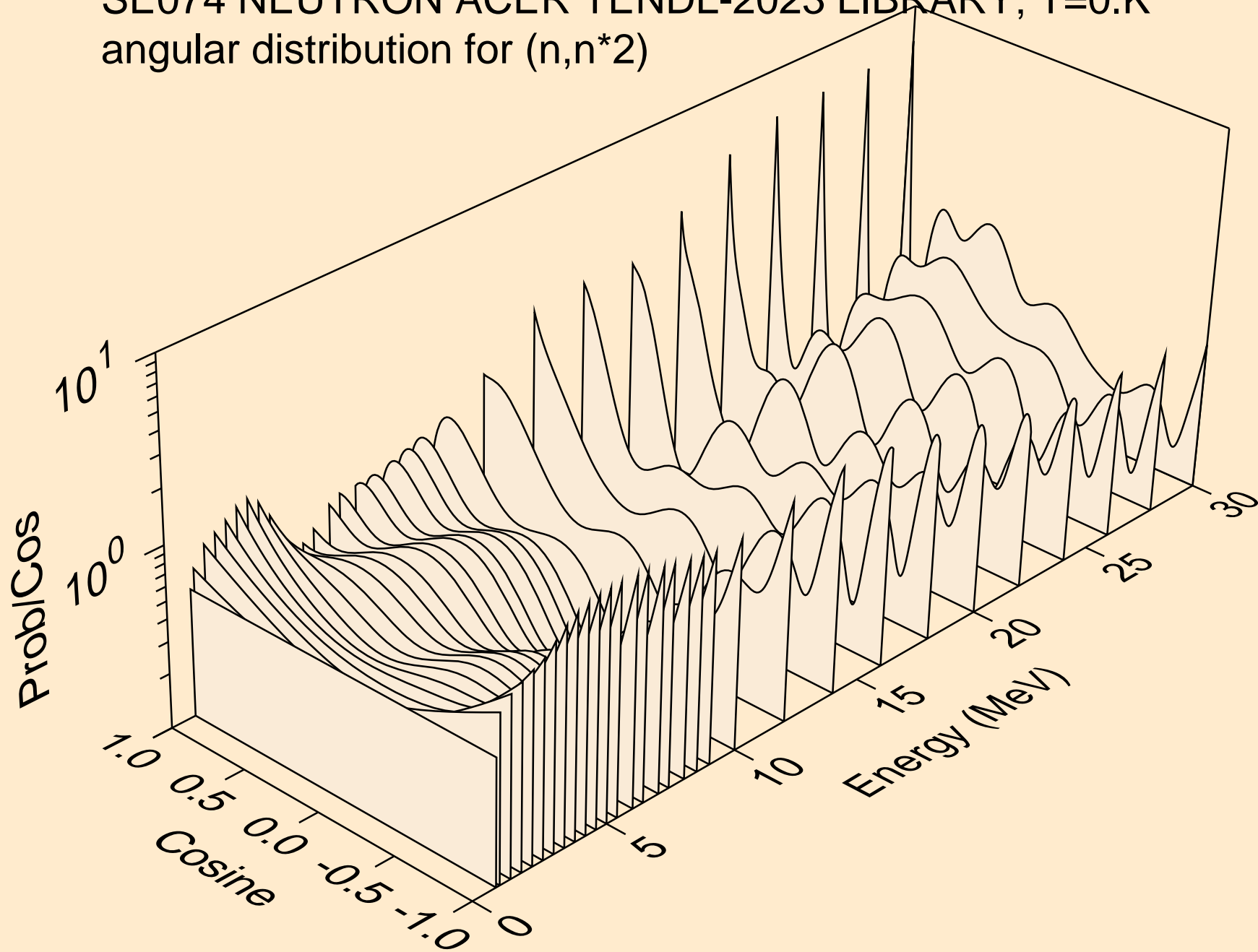
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angular distribution for elastic



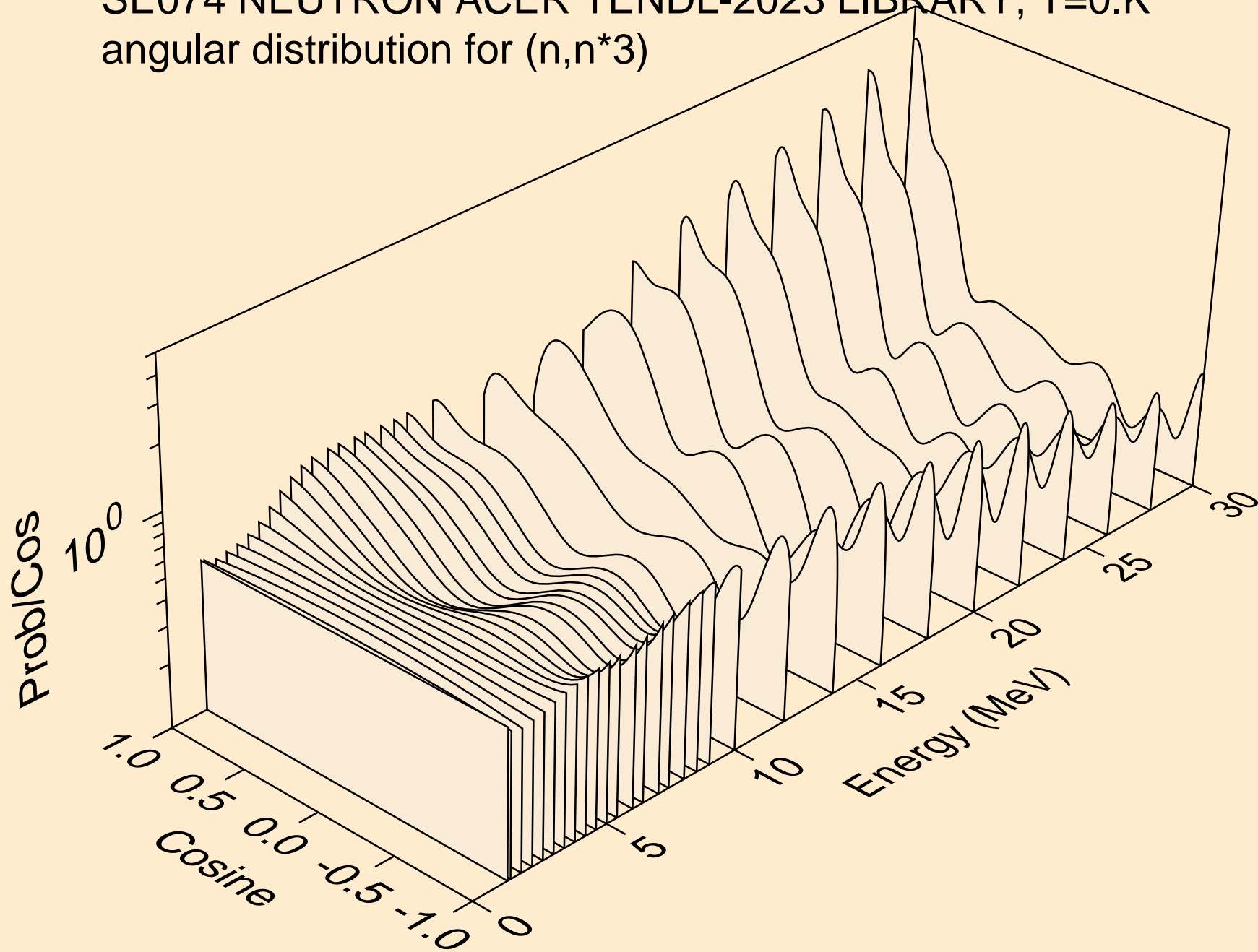
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



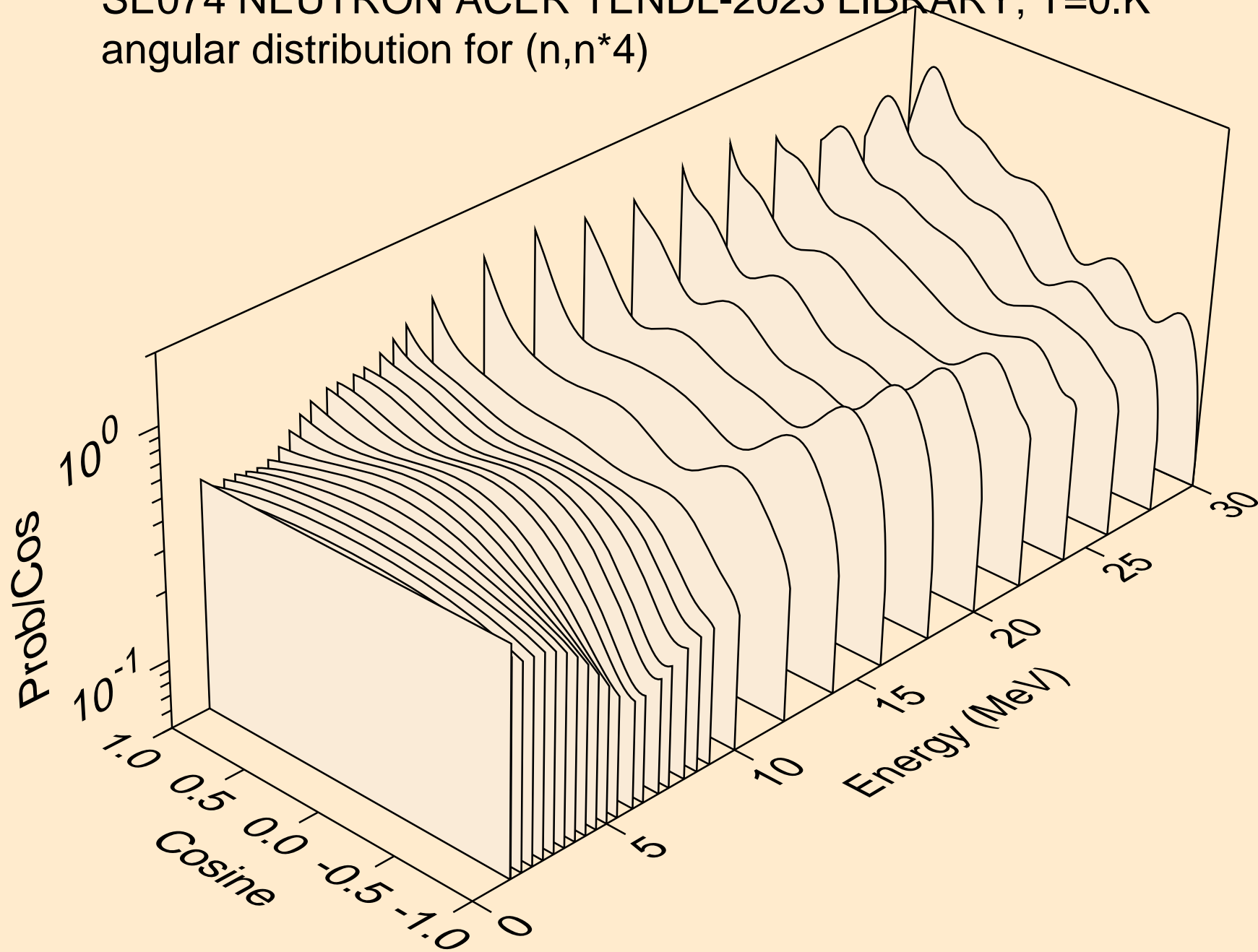
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

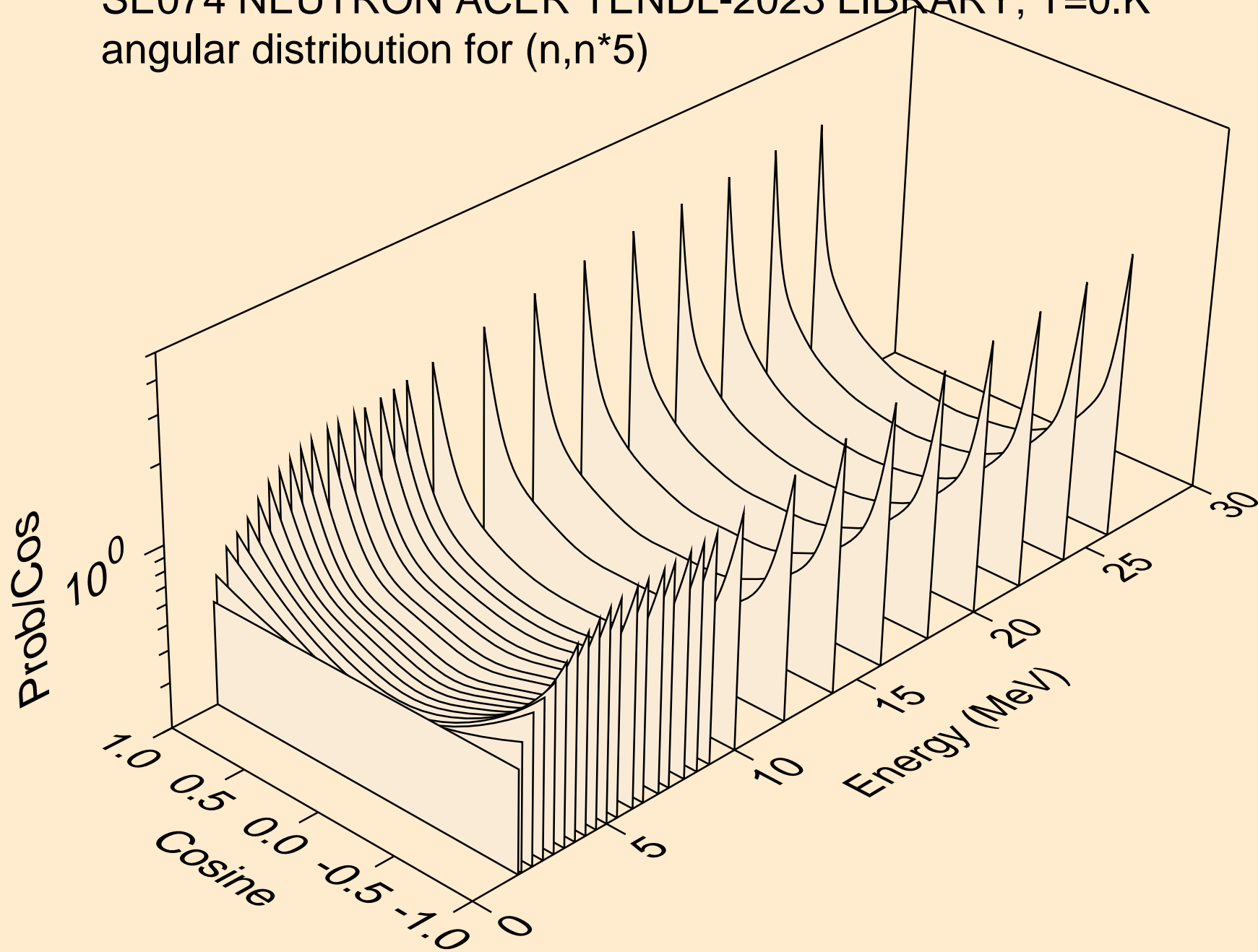


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angular distribution for (n,n\*4)

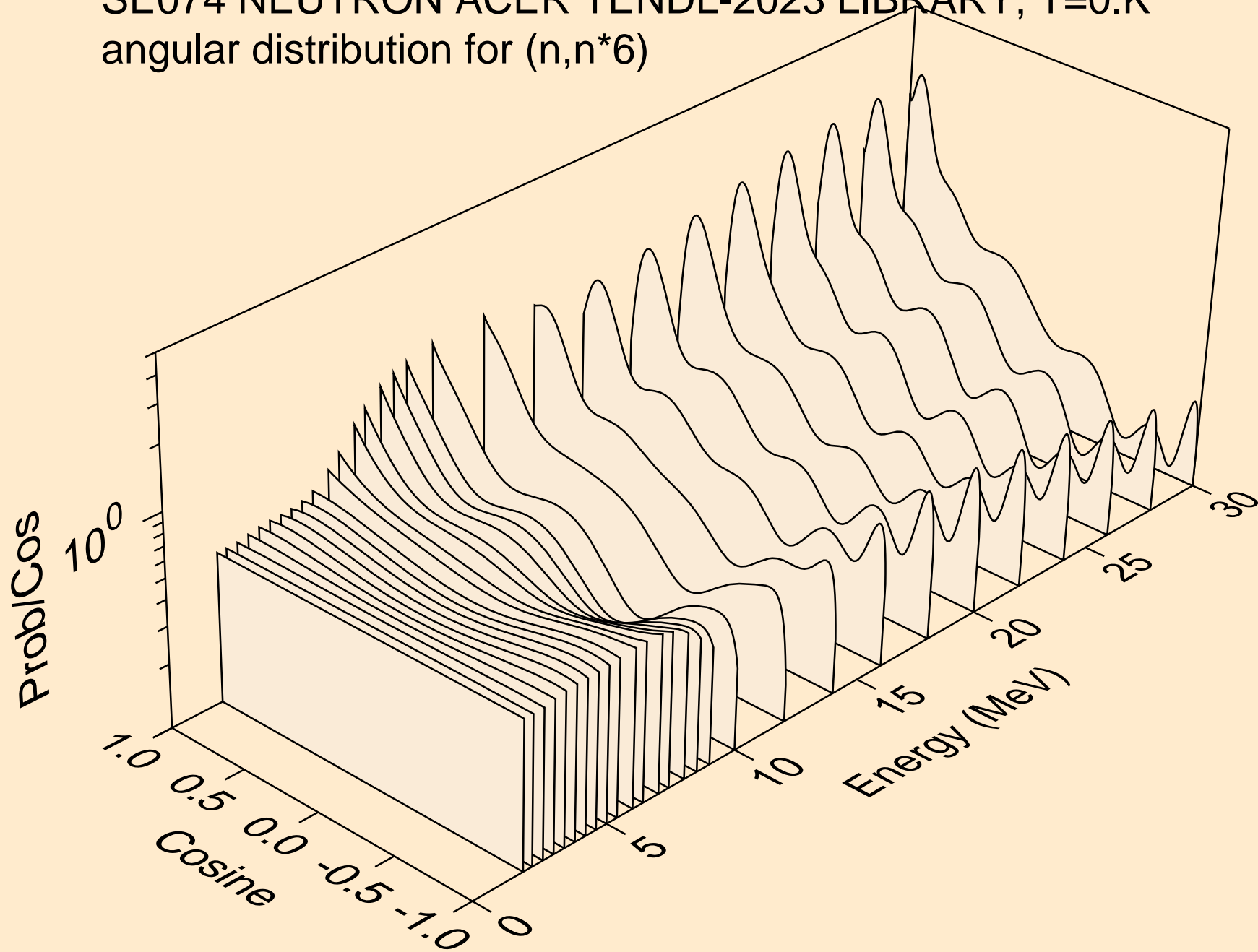




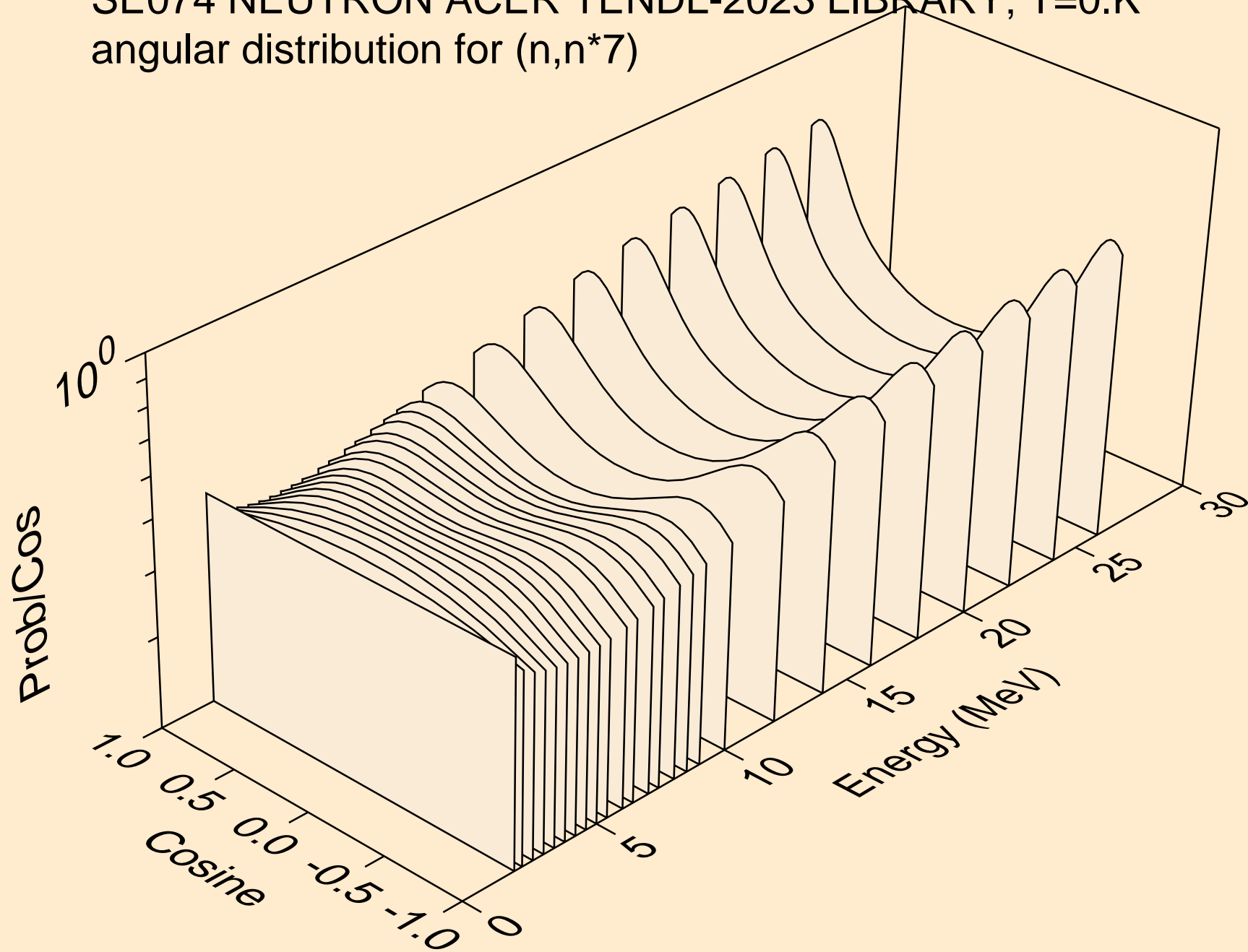
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angular distribution for (n,n\*5)



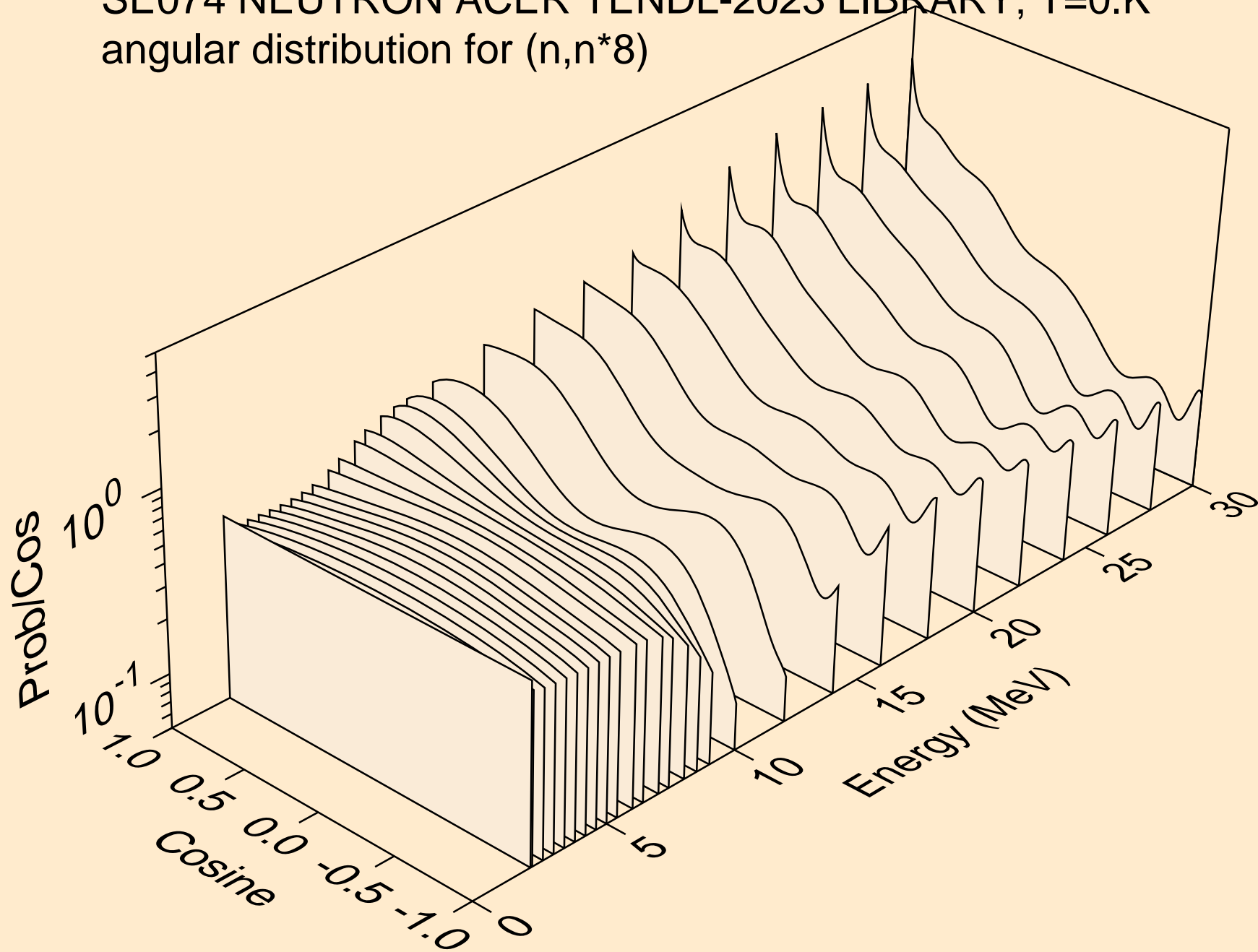
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angular distribution for (n,n\*6)



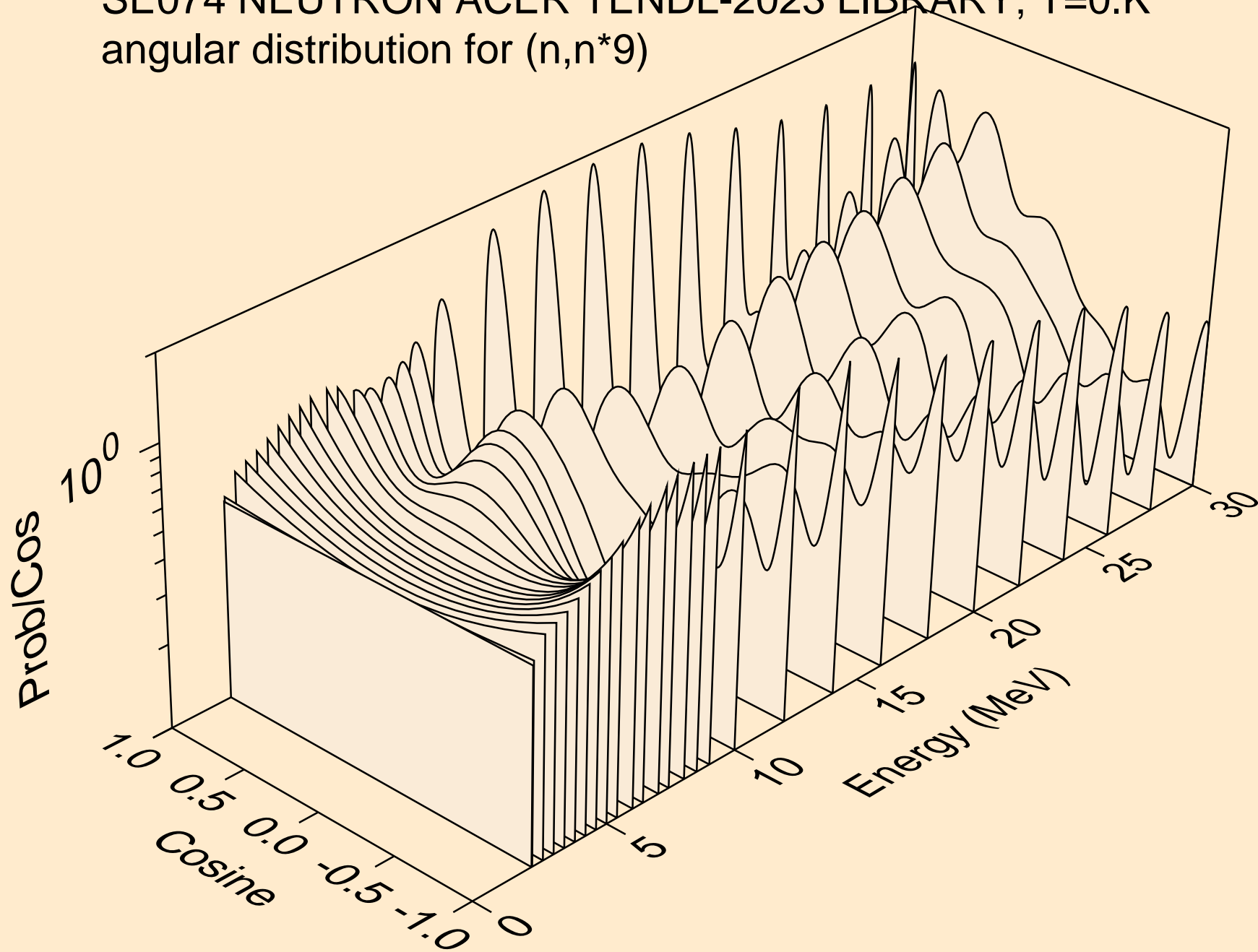
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angular distribution for (n,n\*7)



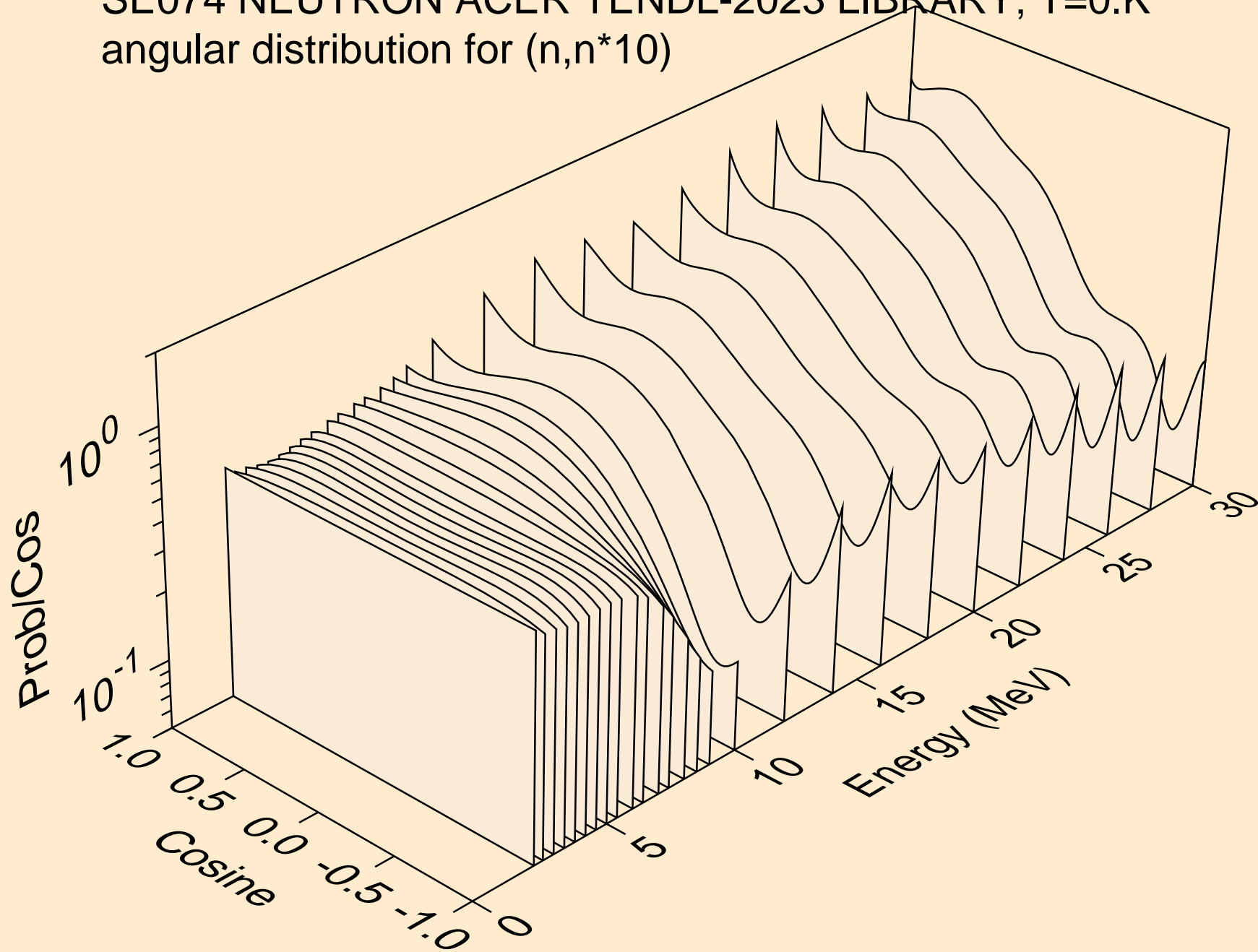
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angular distribution for (n,n\*8)



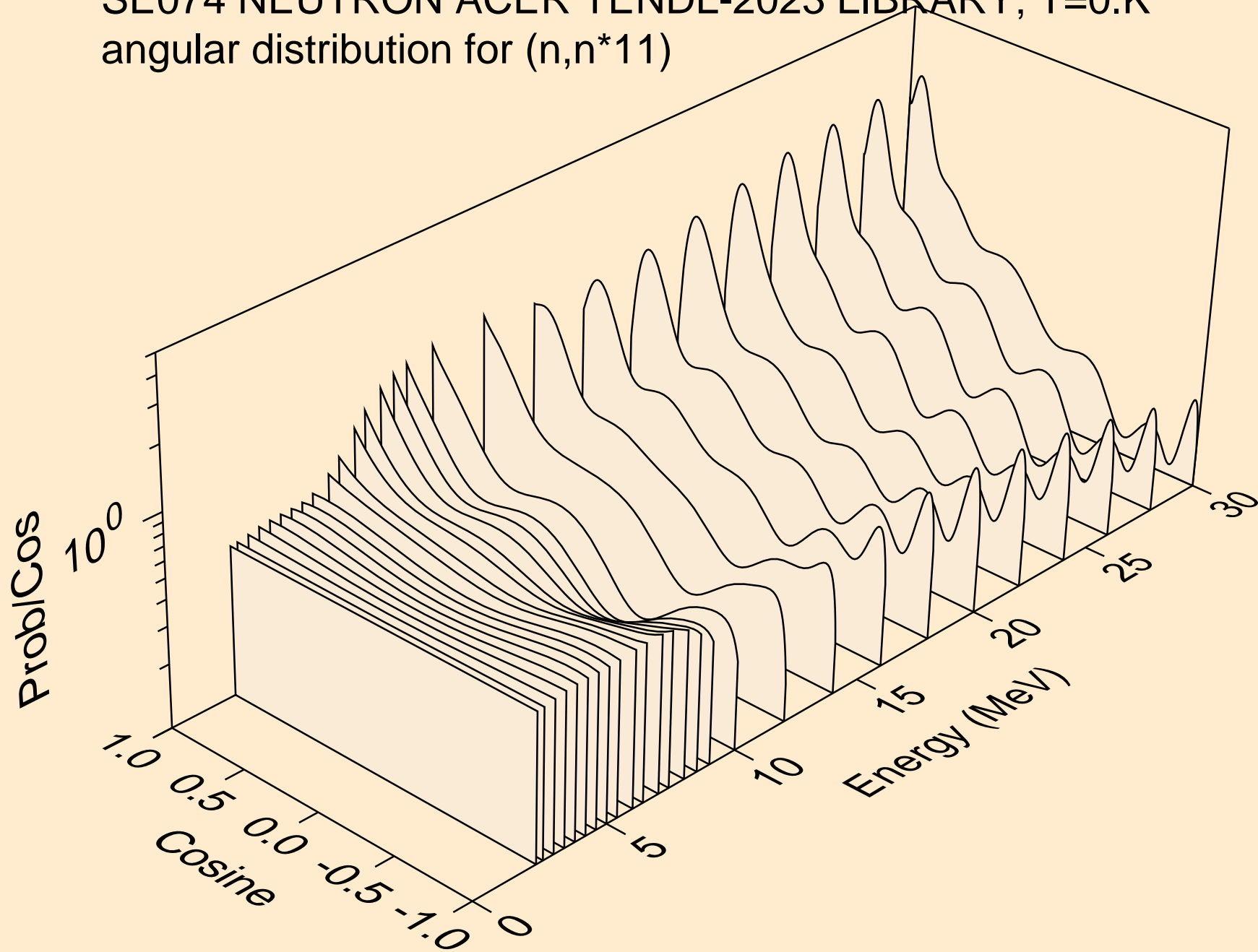
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angular distribution for (n,n\*9)



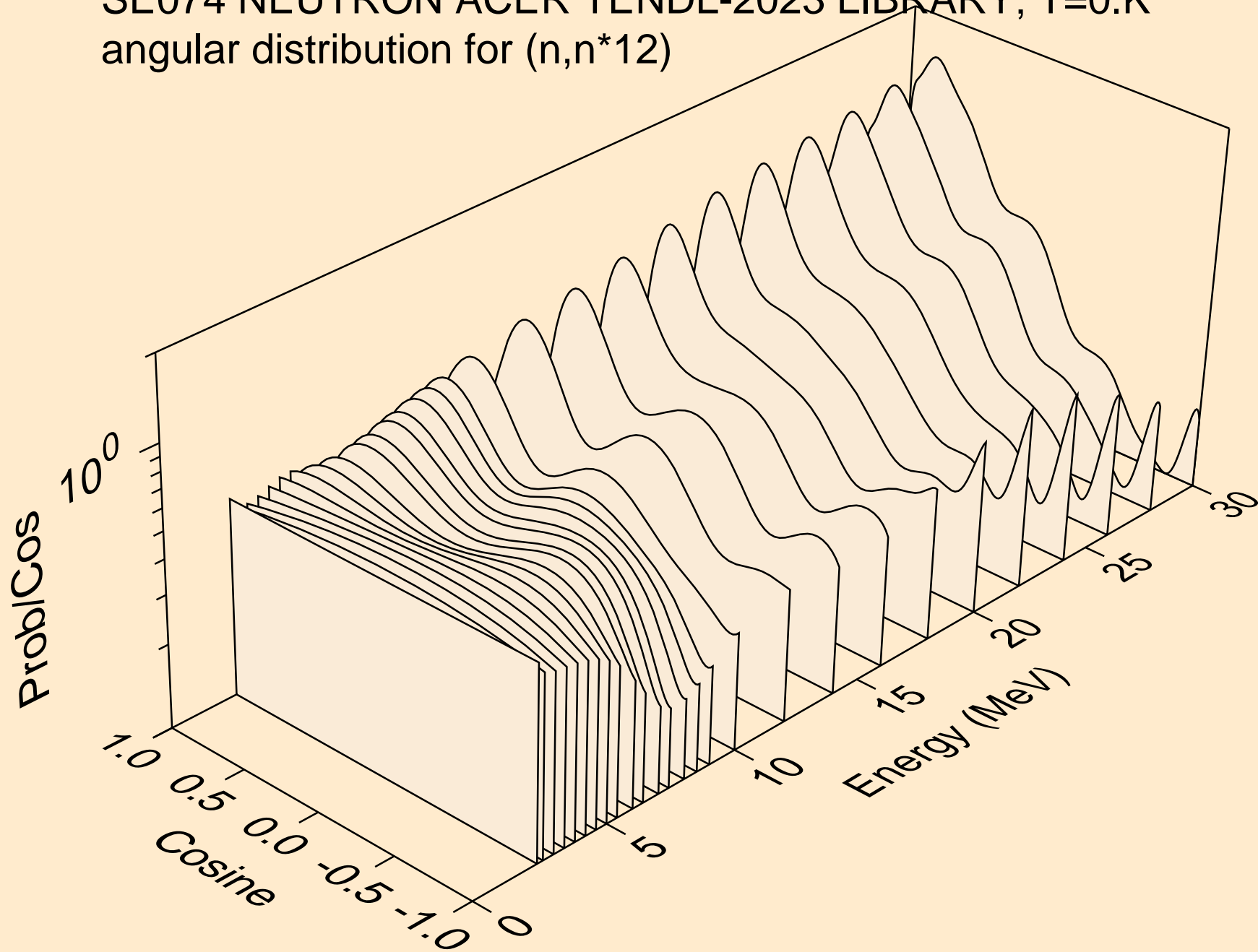
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

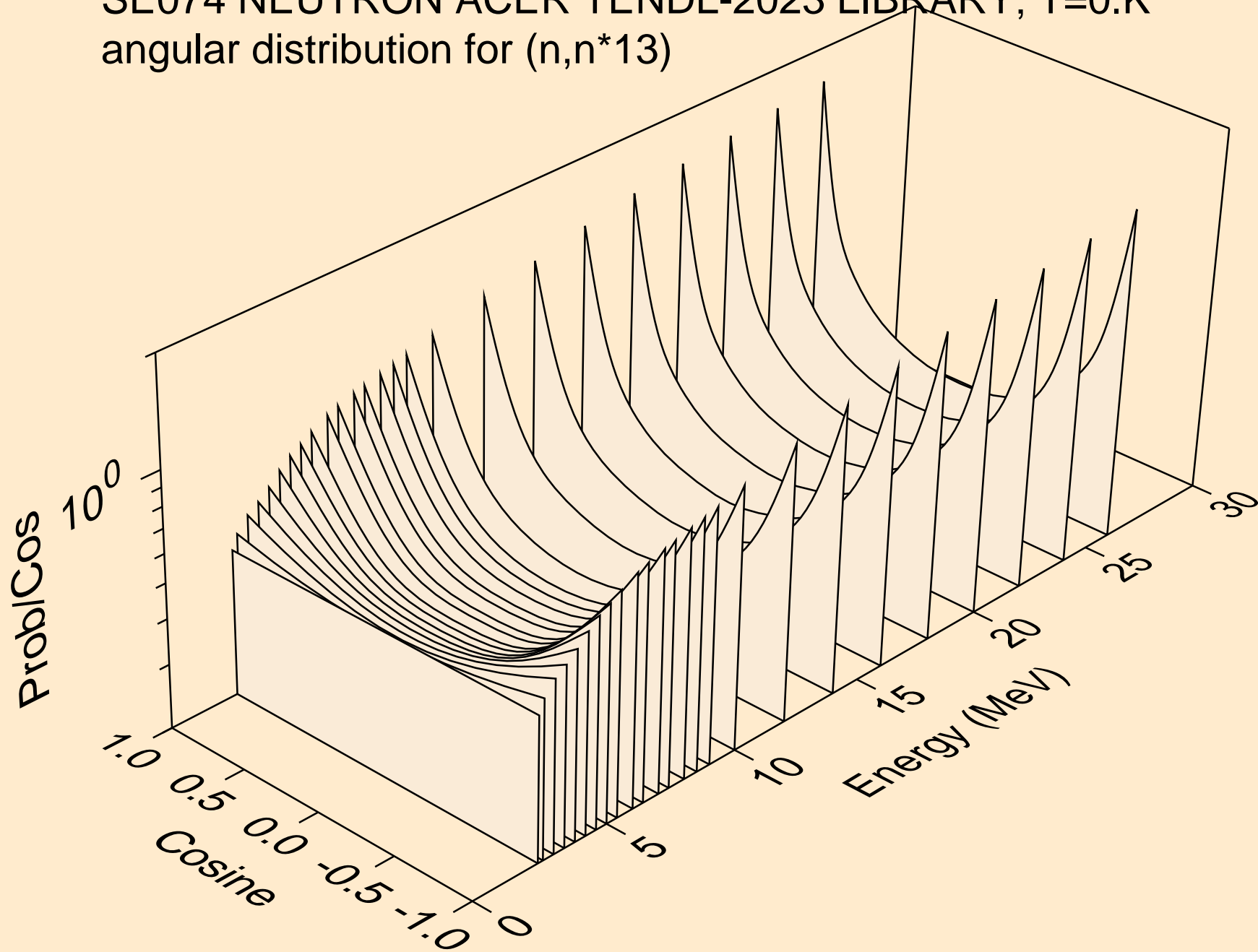


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

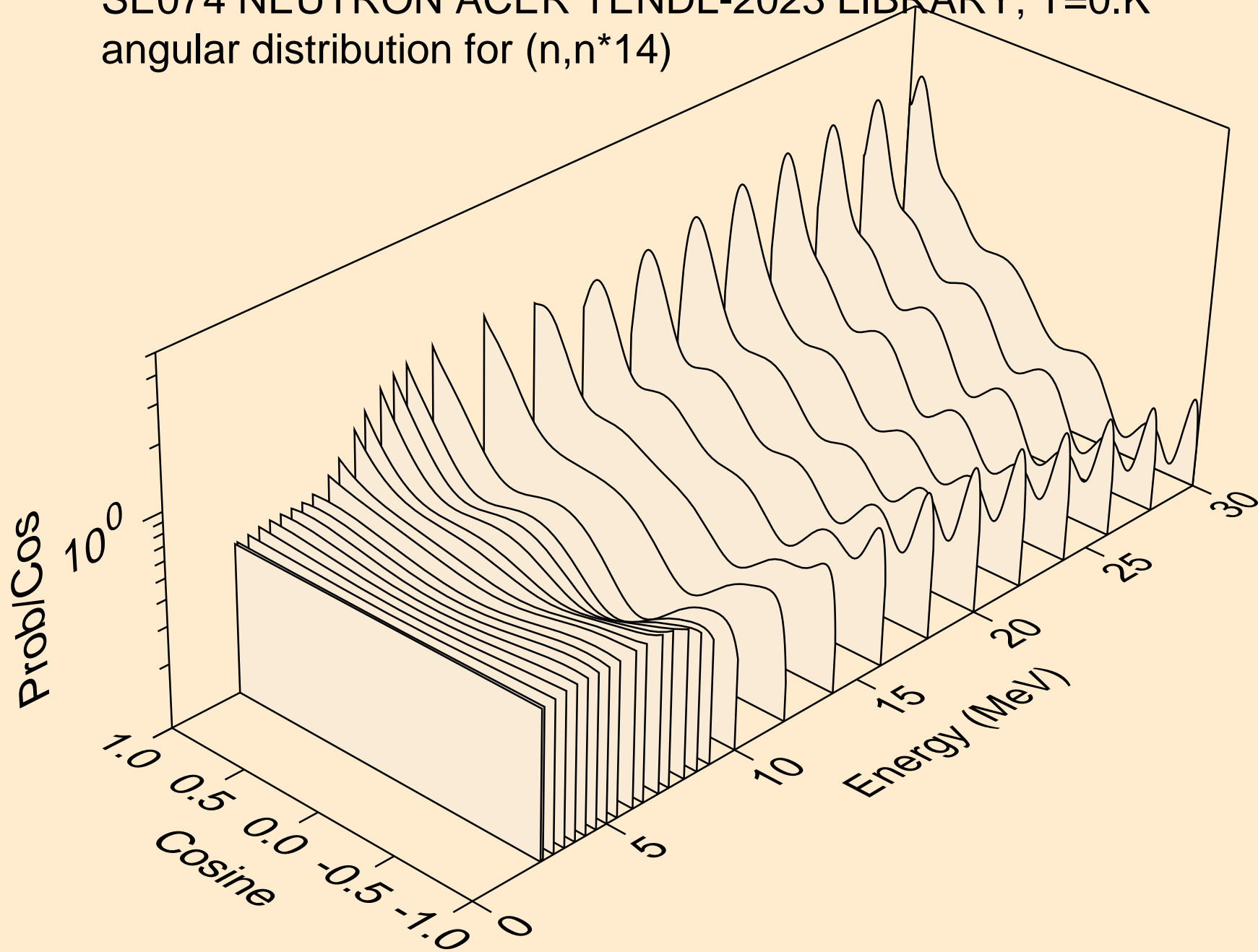




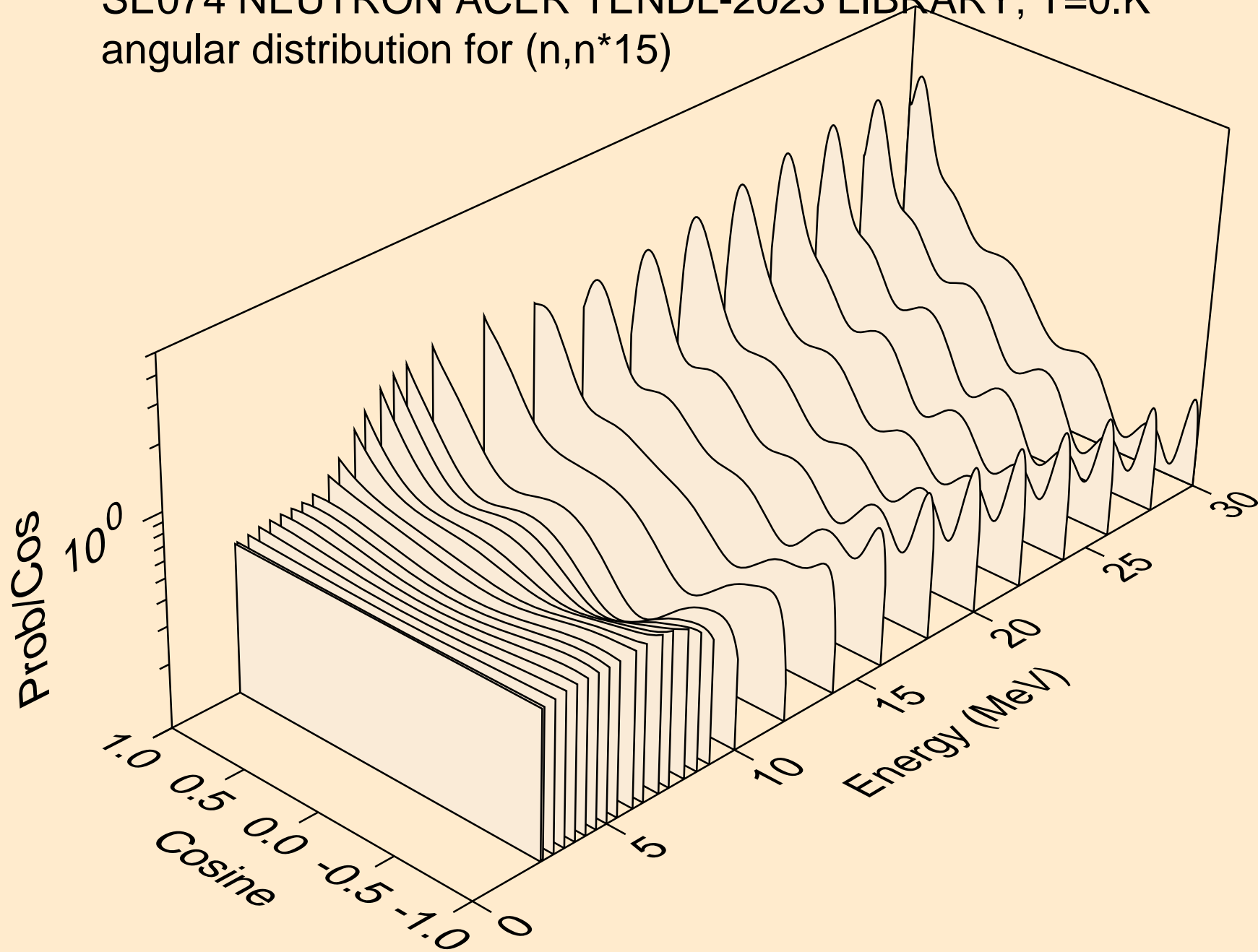
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angular distribution for (n,n\*13)



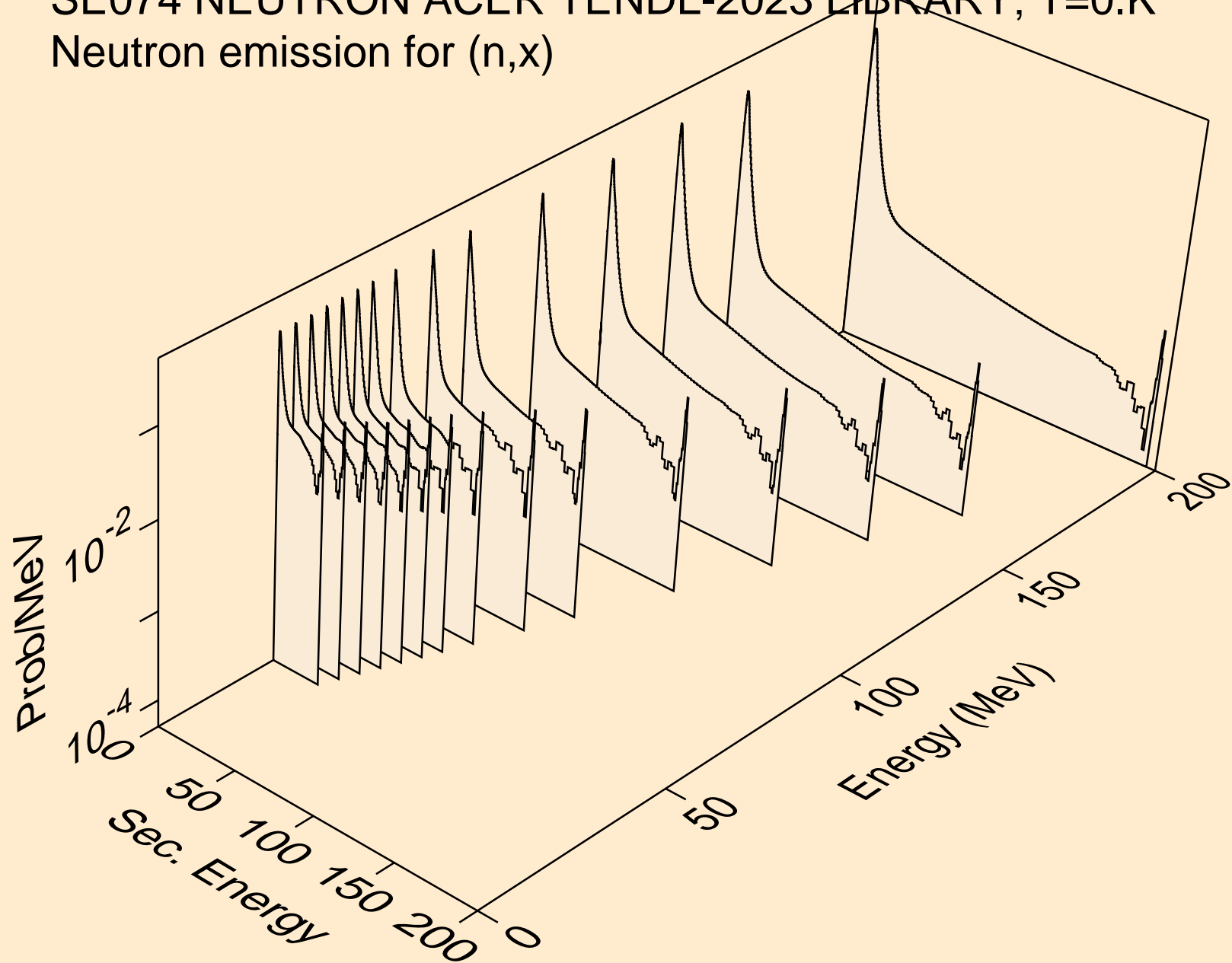
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angular distribution for (n,n\*14)



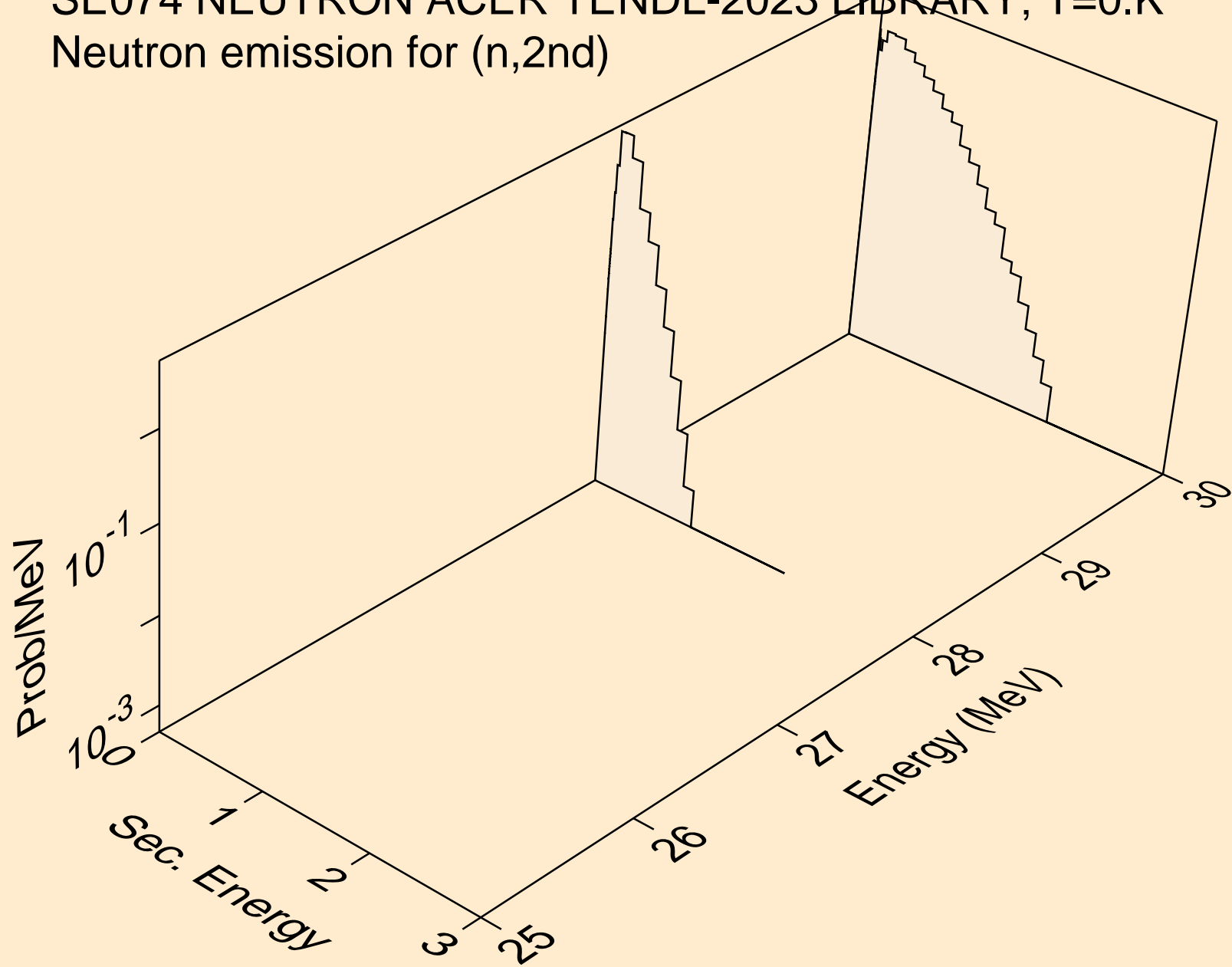
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angular distribution for (n,n\*15)



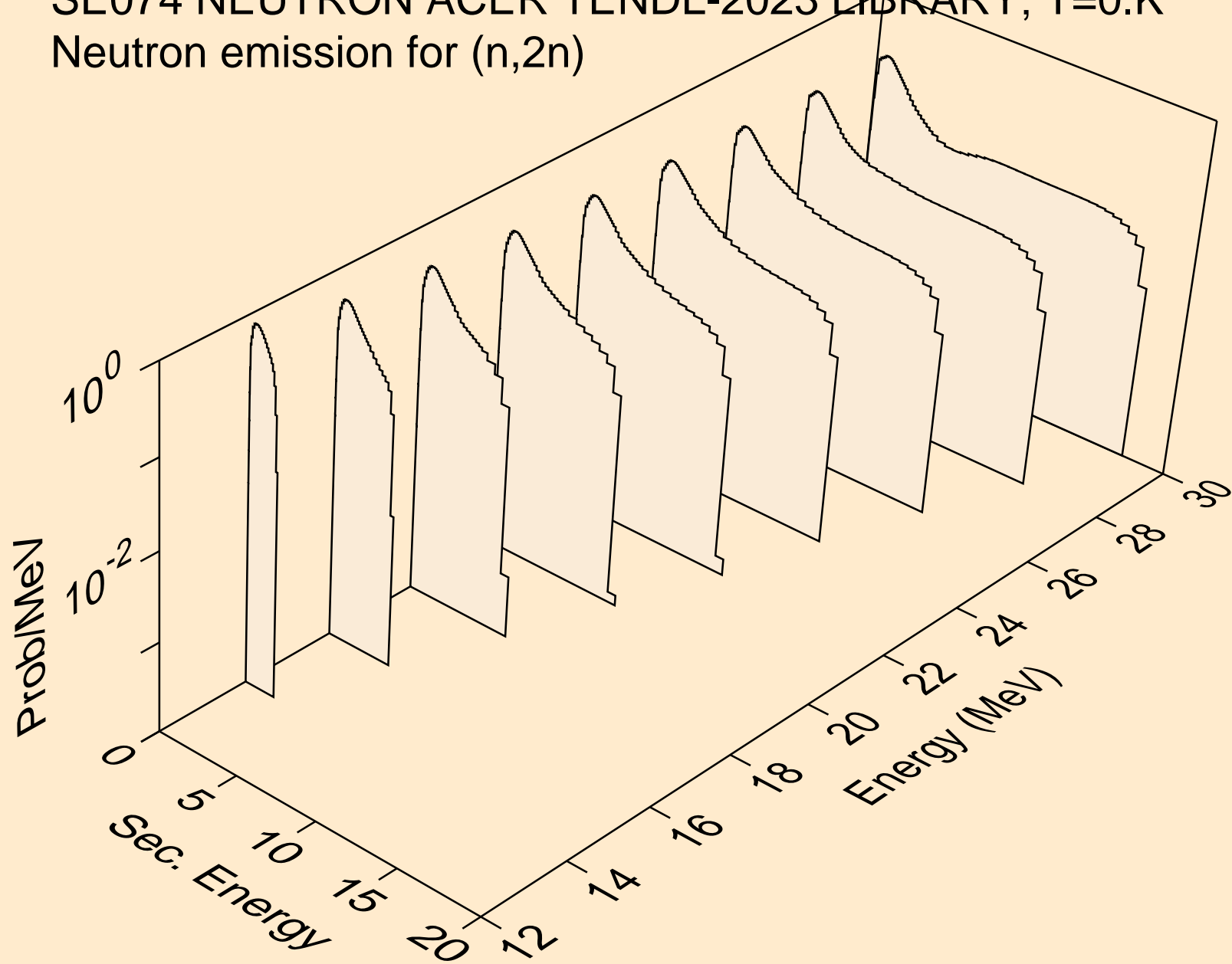
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Neutron emission for (n,x)



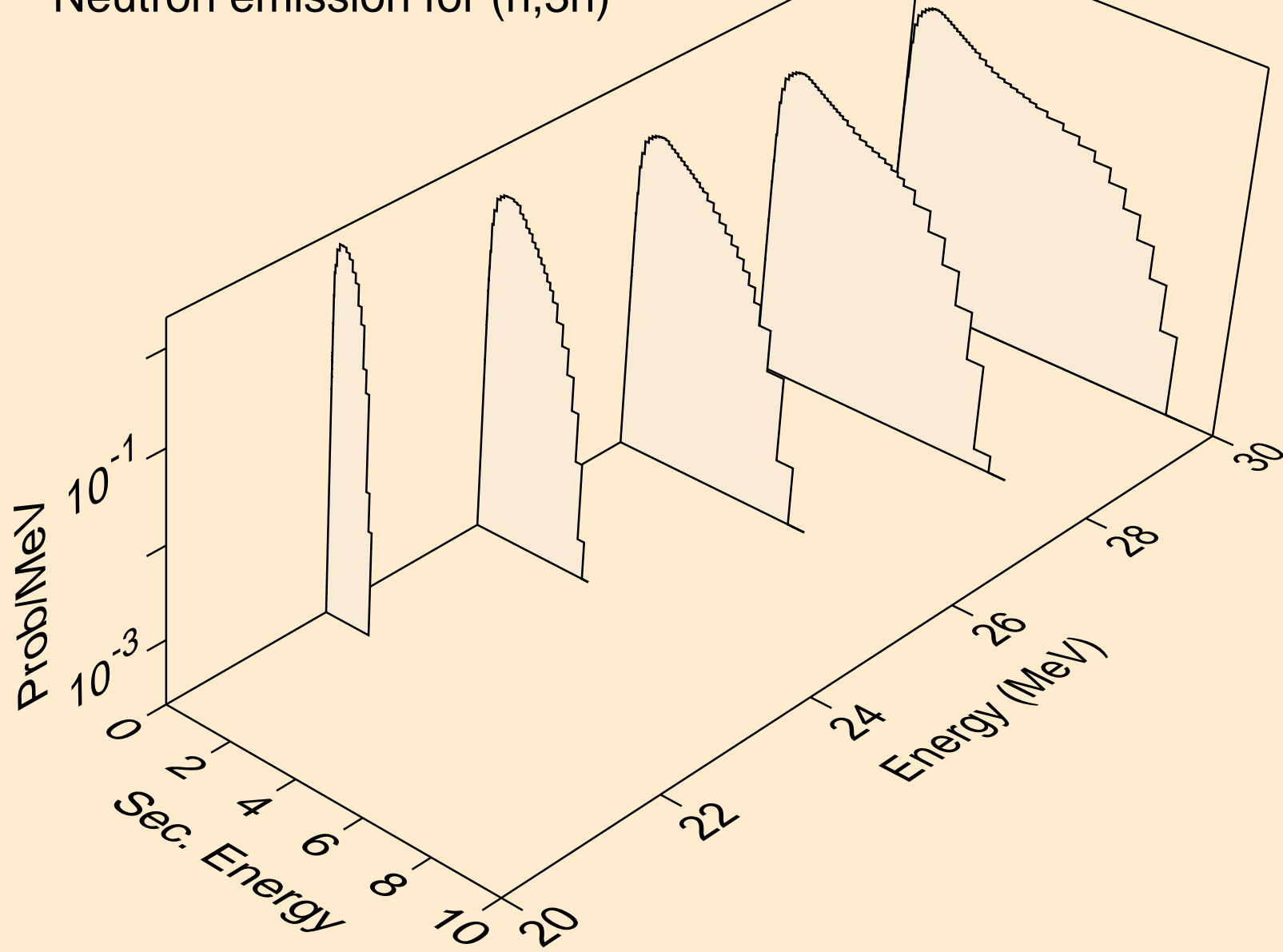
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



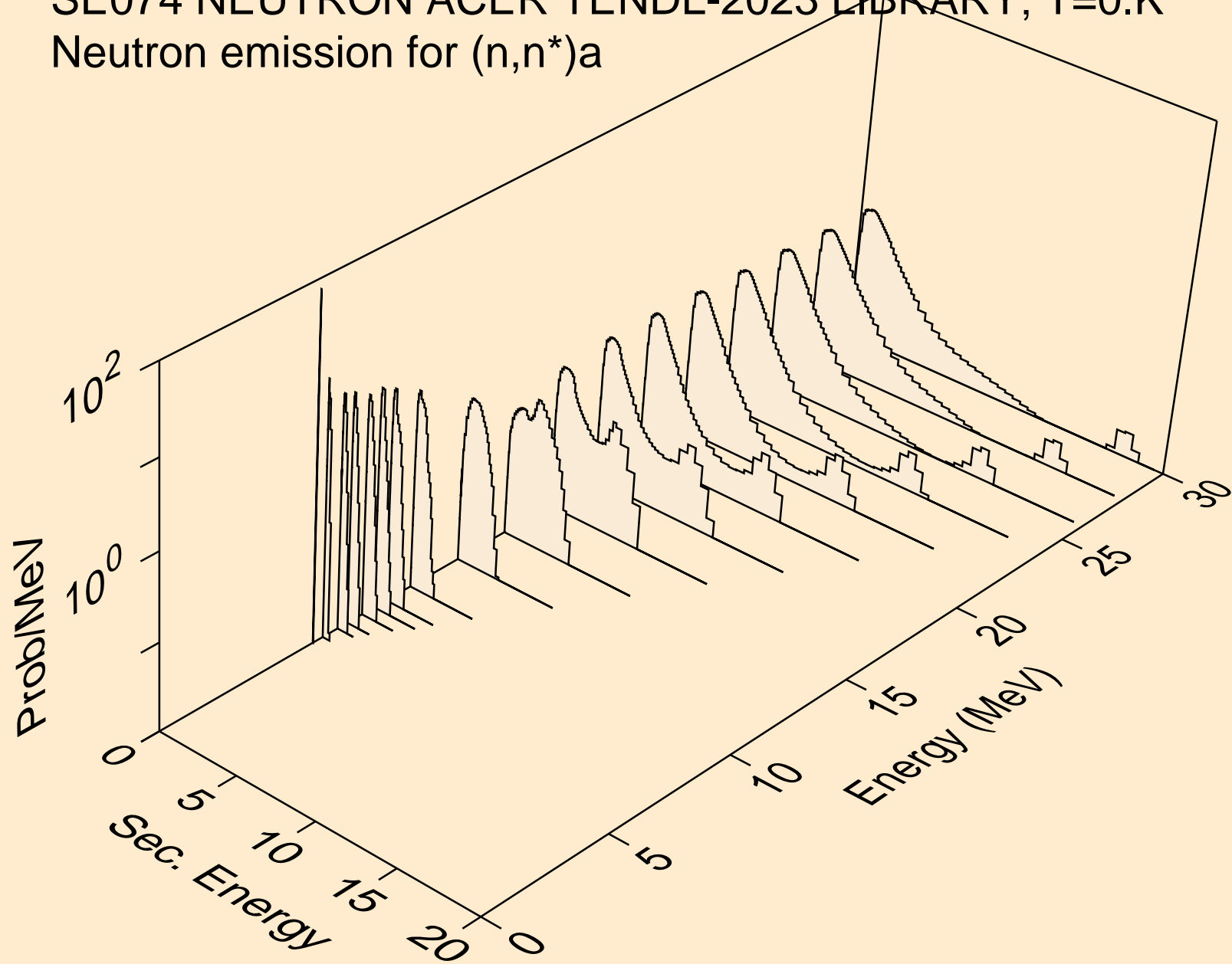
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

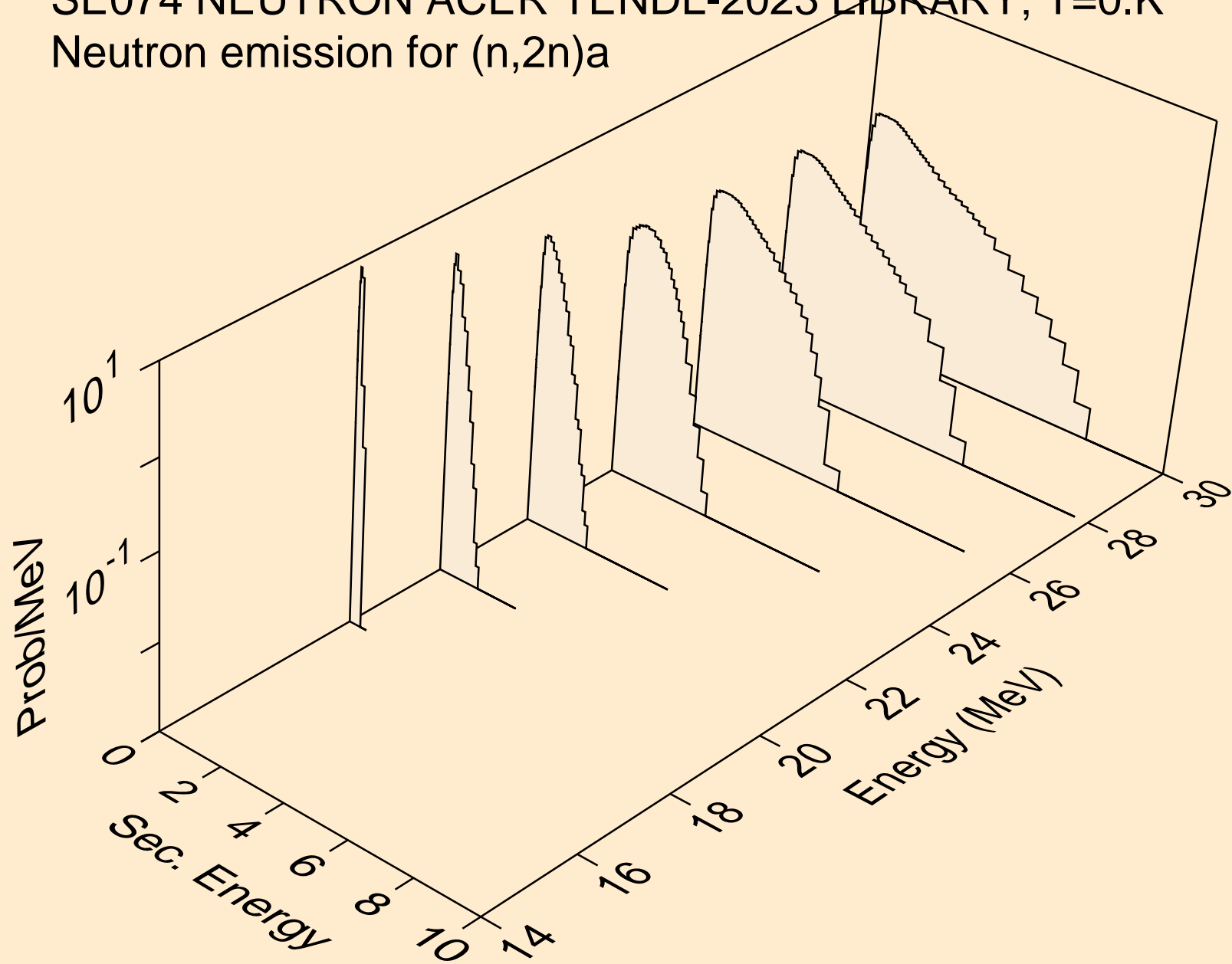


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

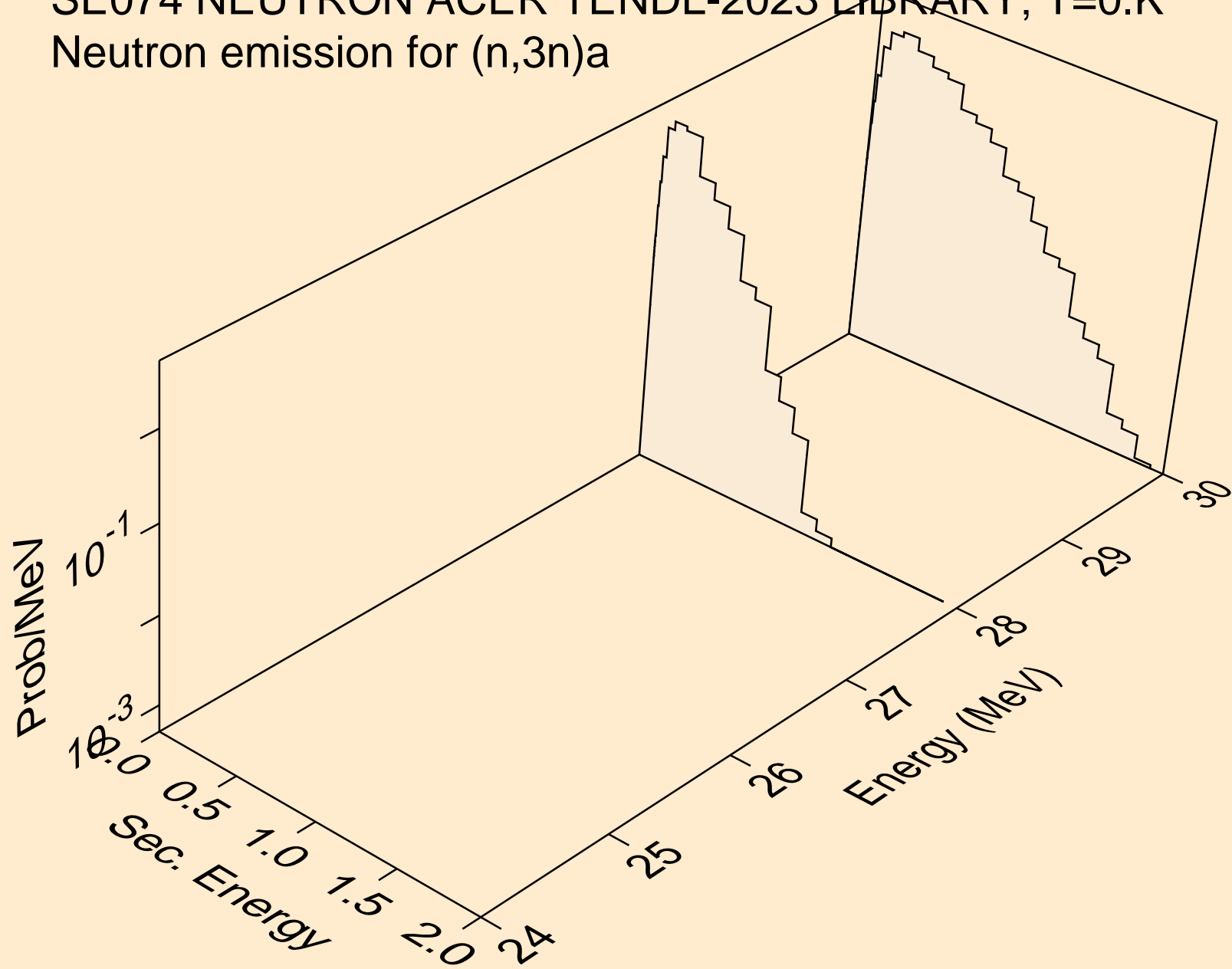




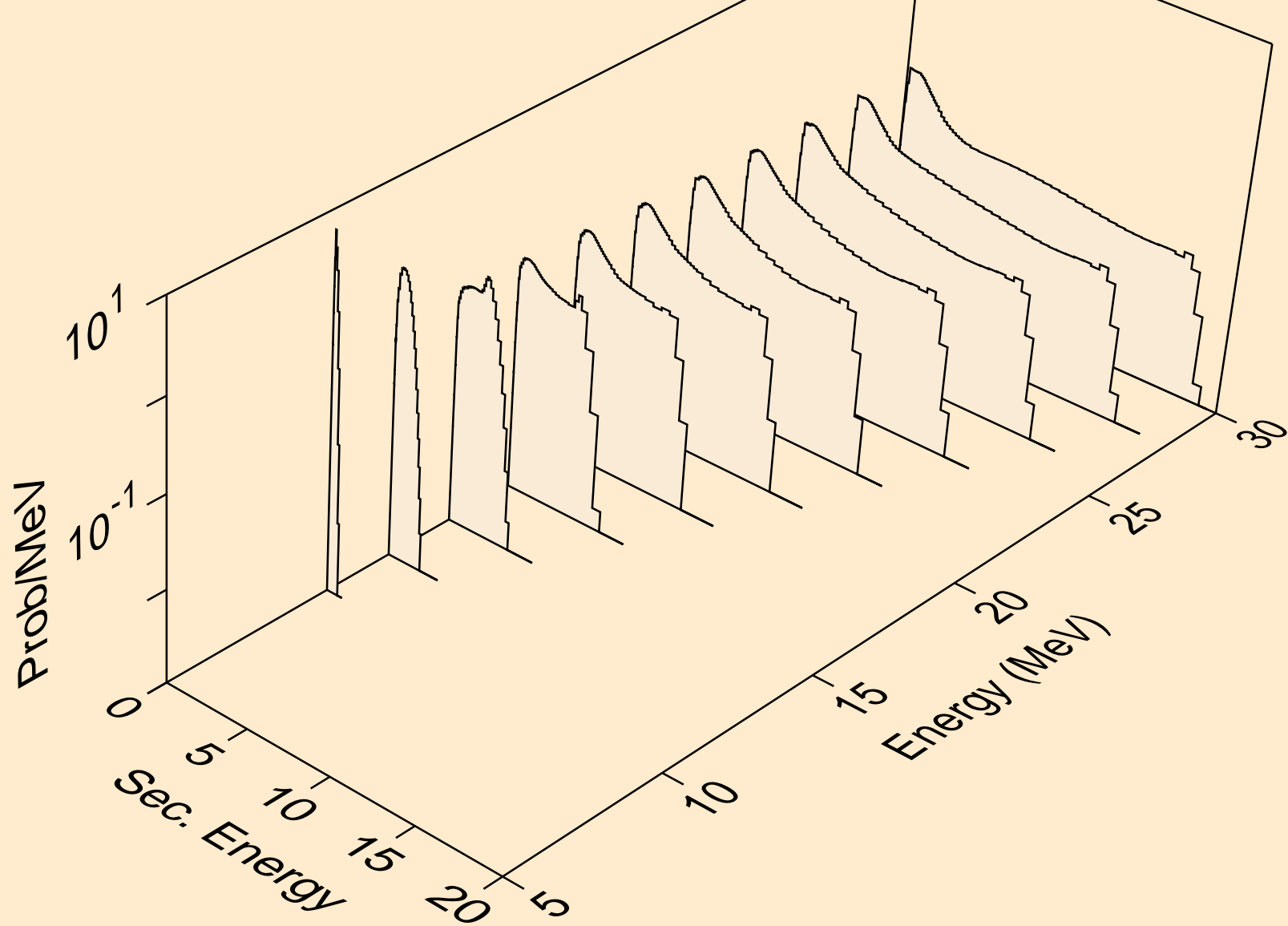
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



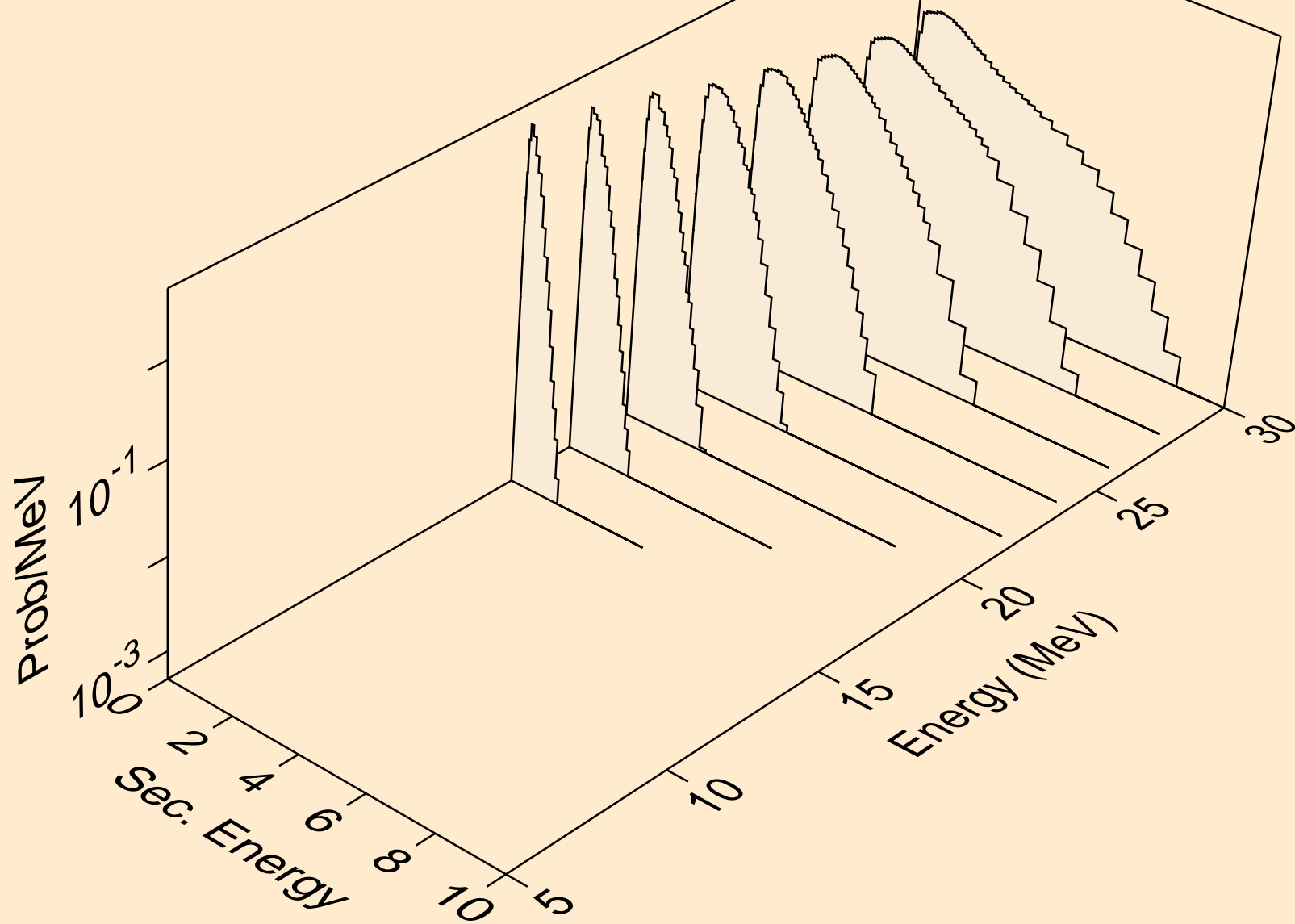
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Neutron emission for (n,3n)a



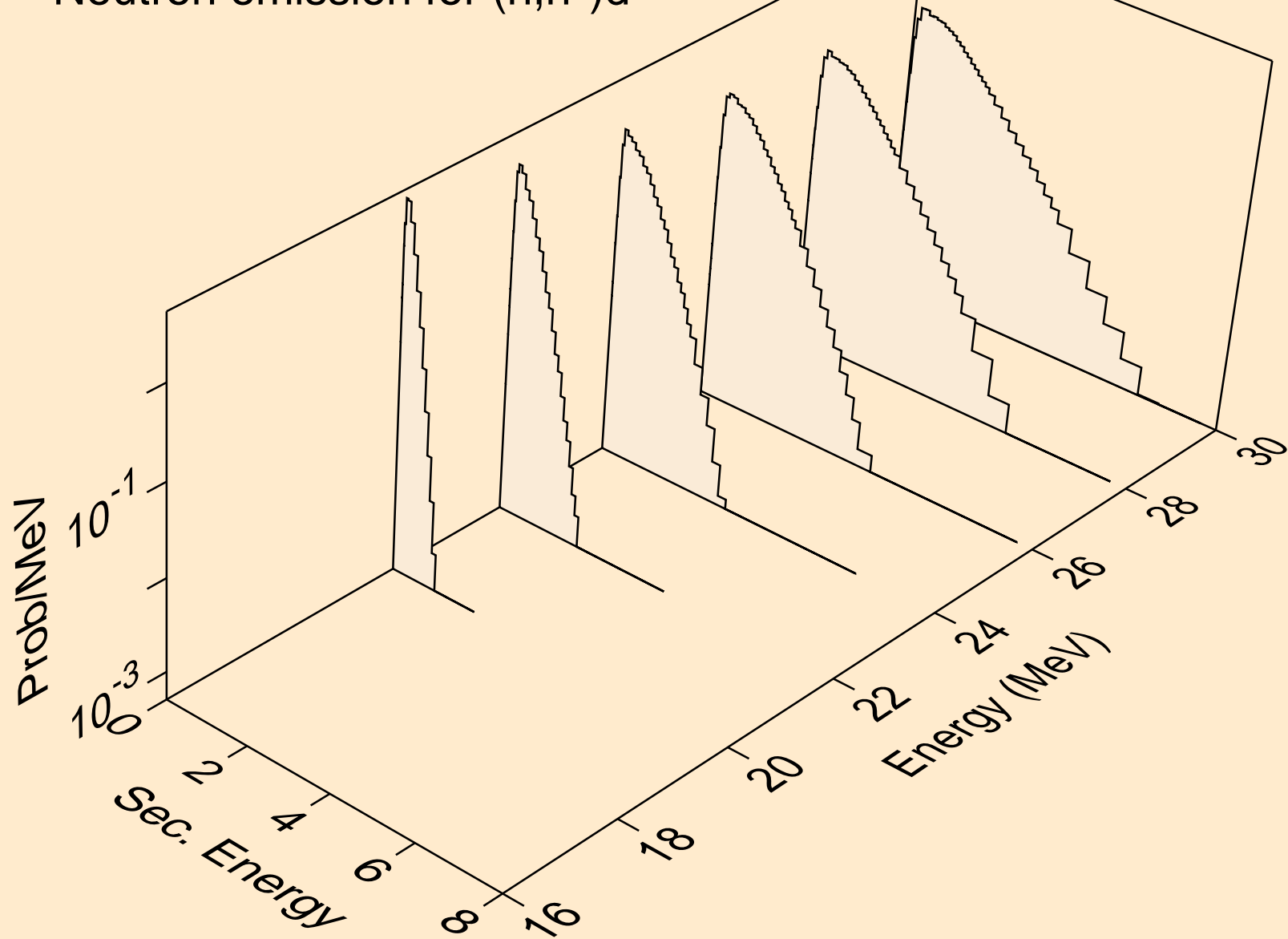
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Neutron emission for (n,n\*)p



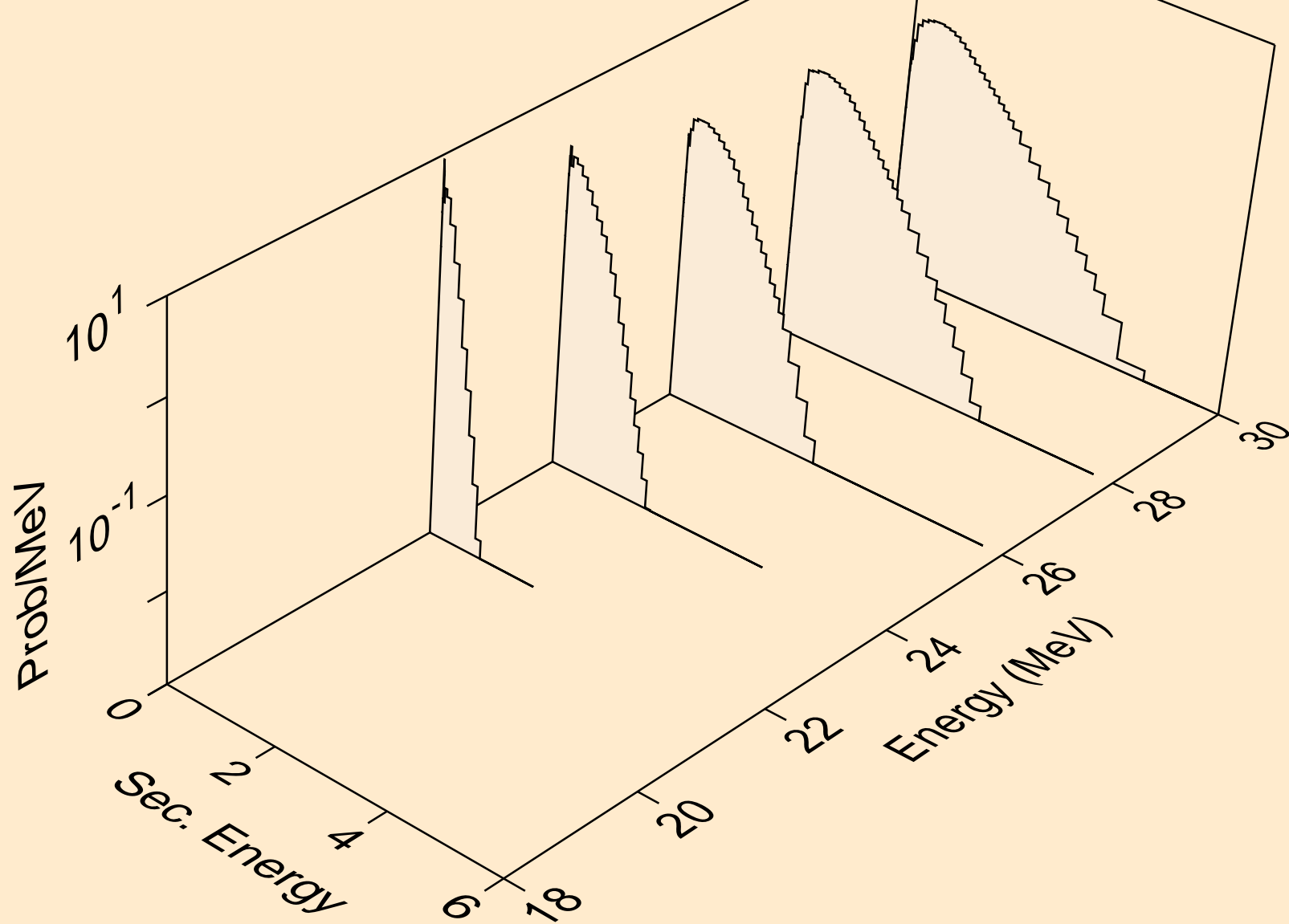
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Neutron emission for (n,n\*)2a



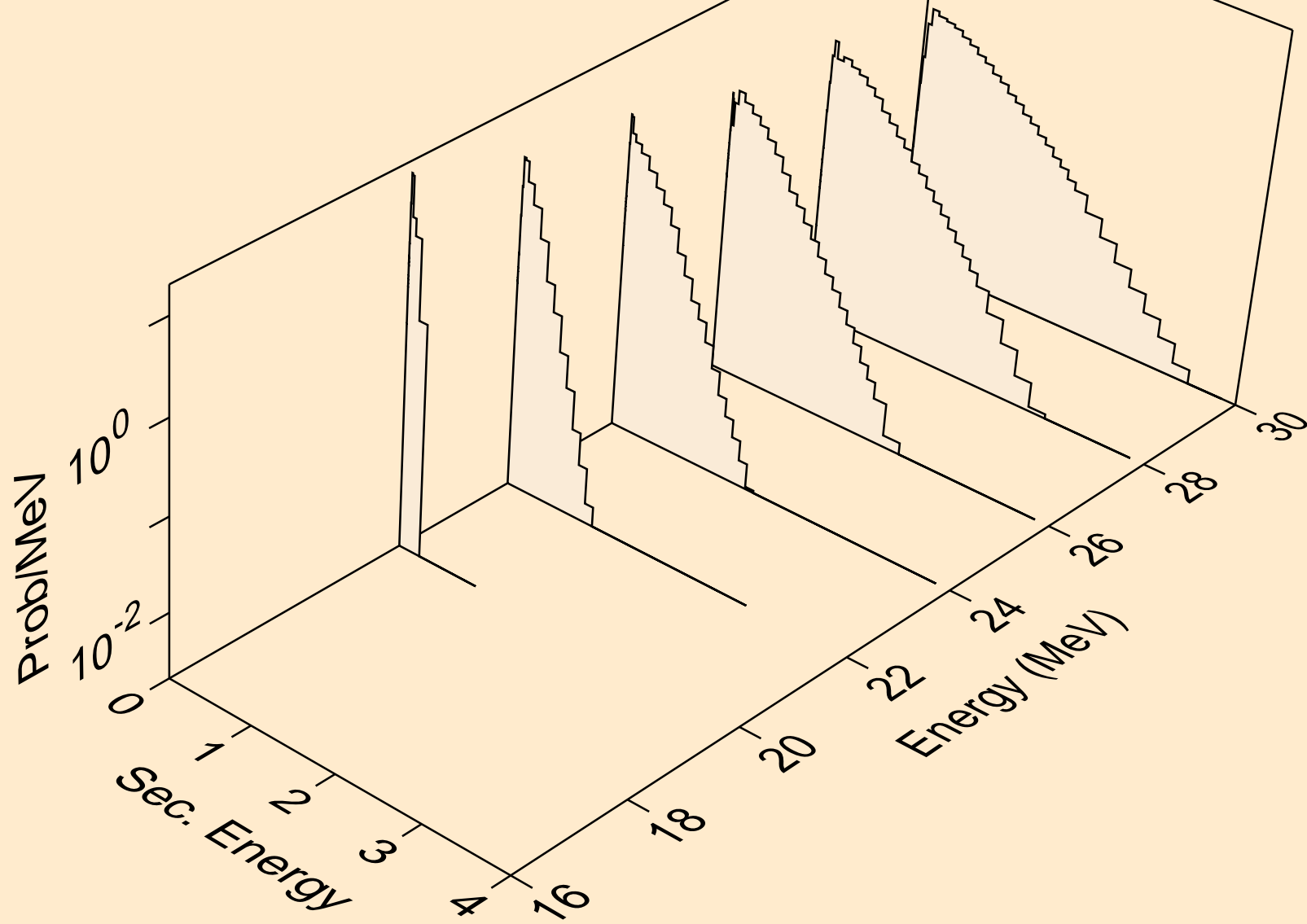
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Neutron emission for (n,n\*)d



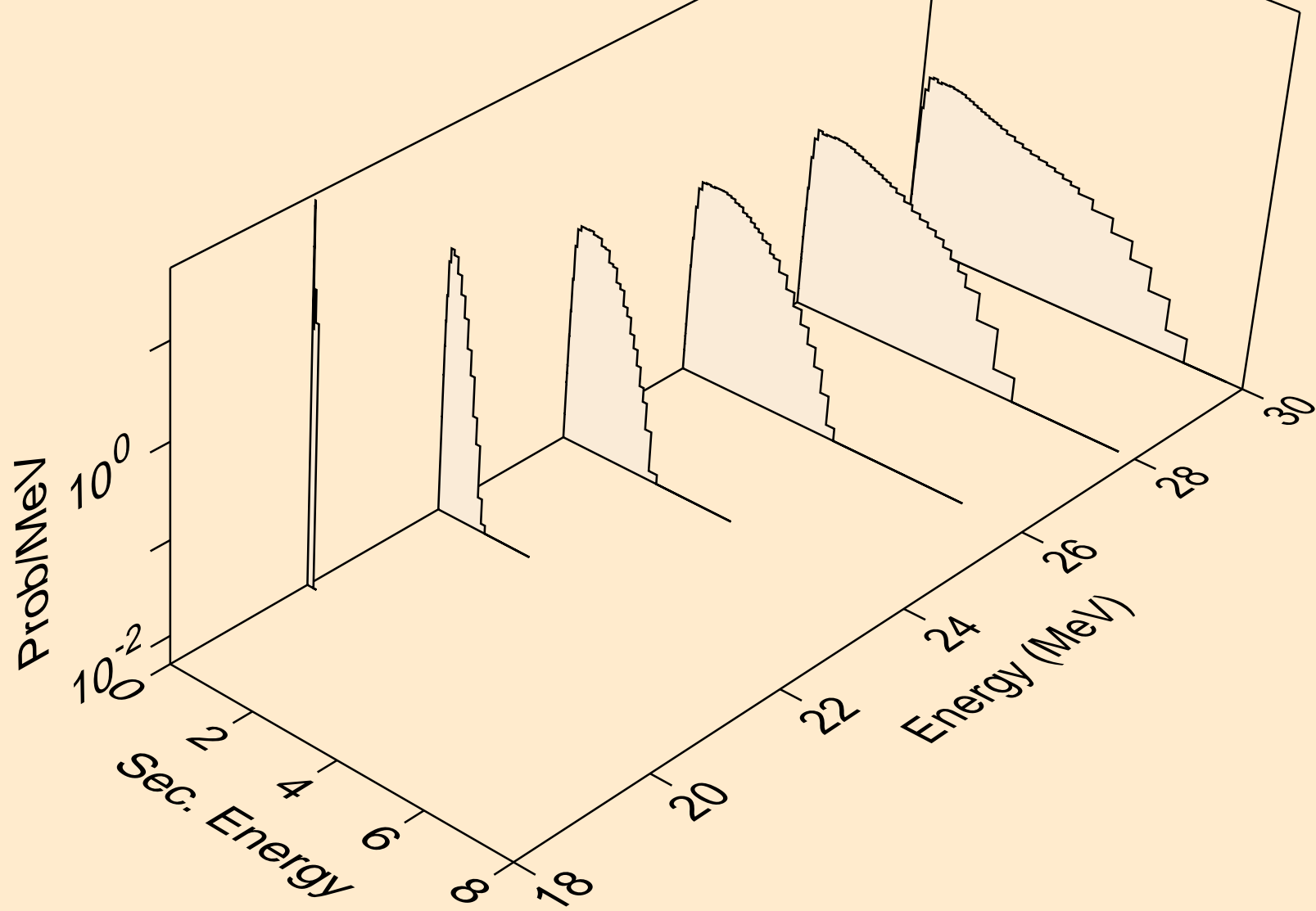
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

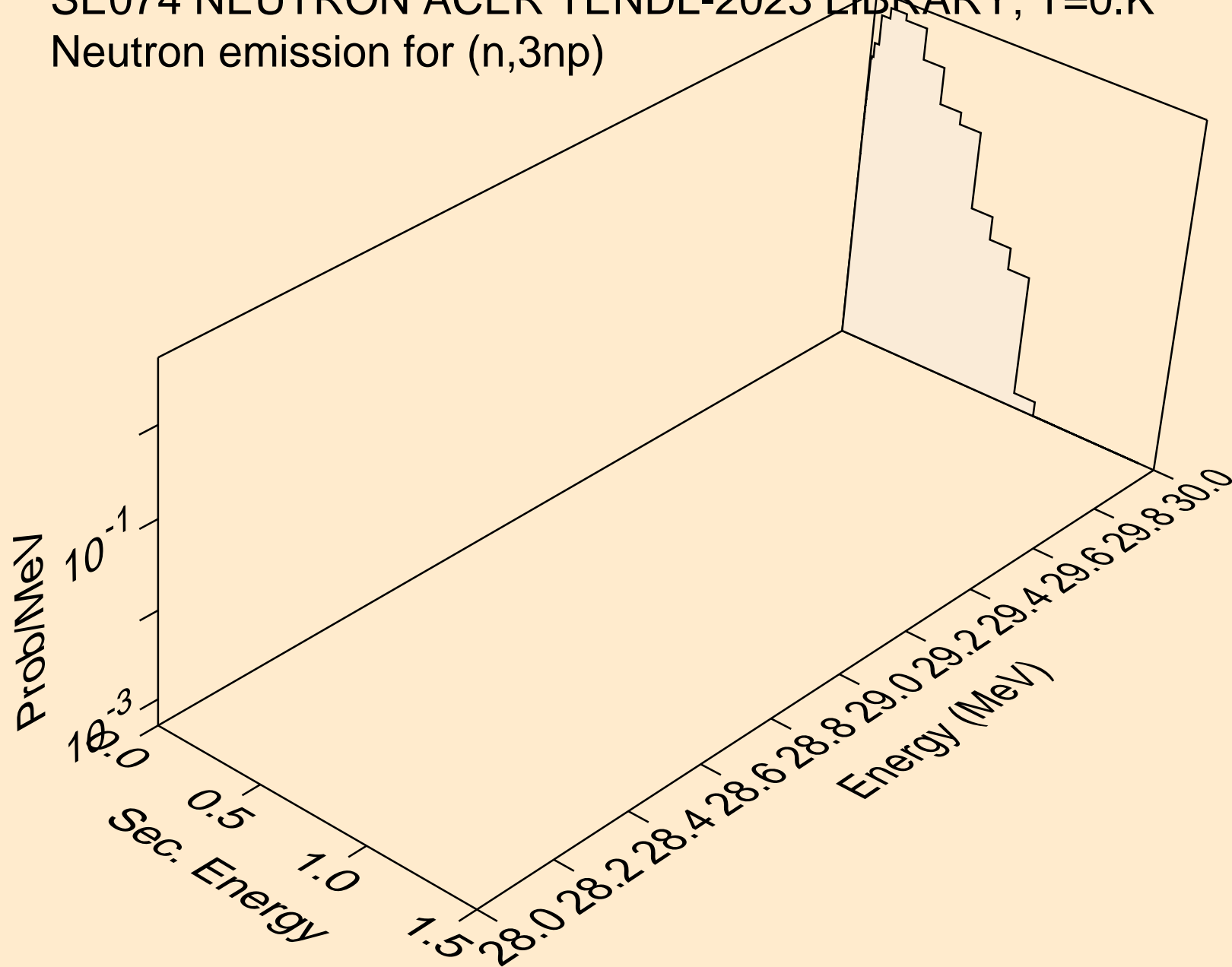


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

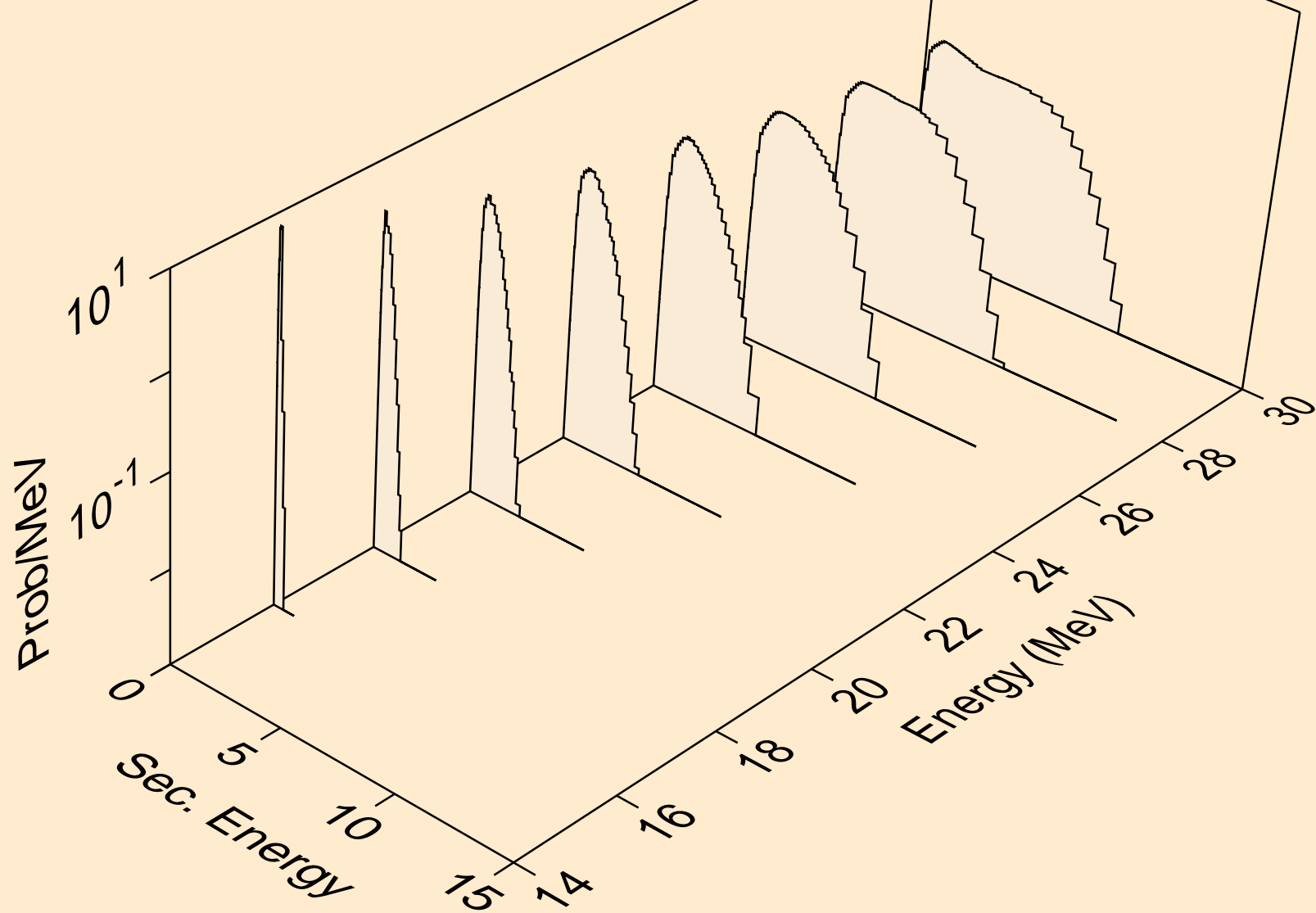




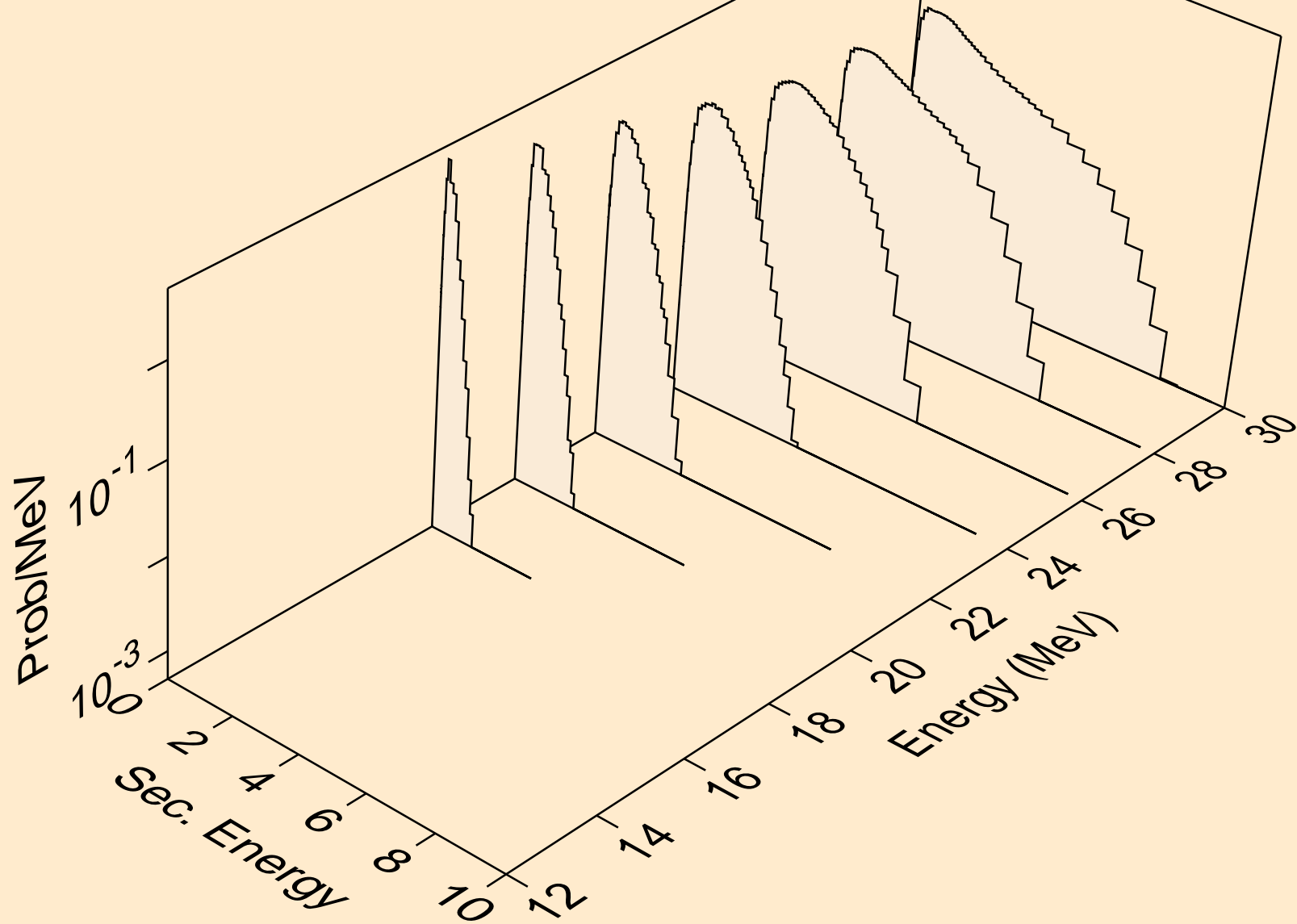
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Neutron emission for (n,3np)



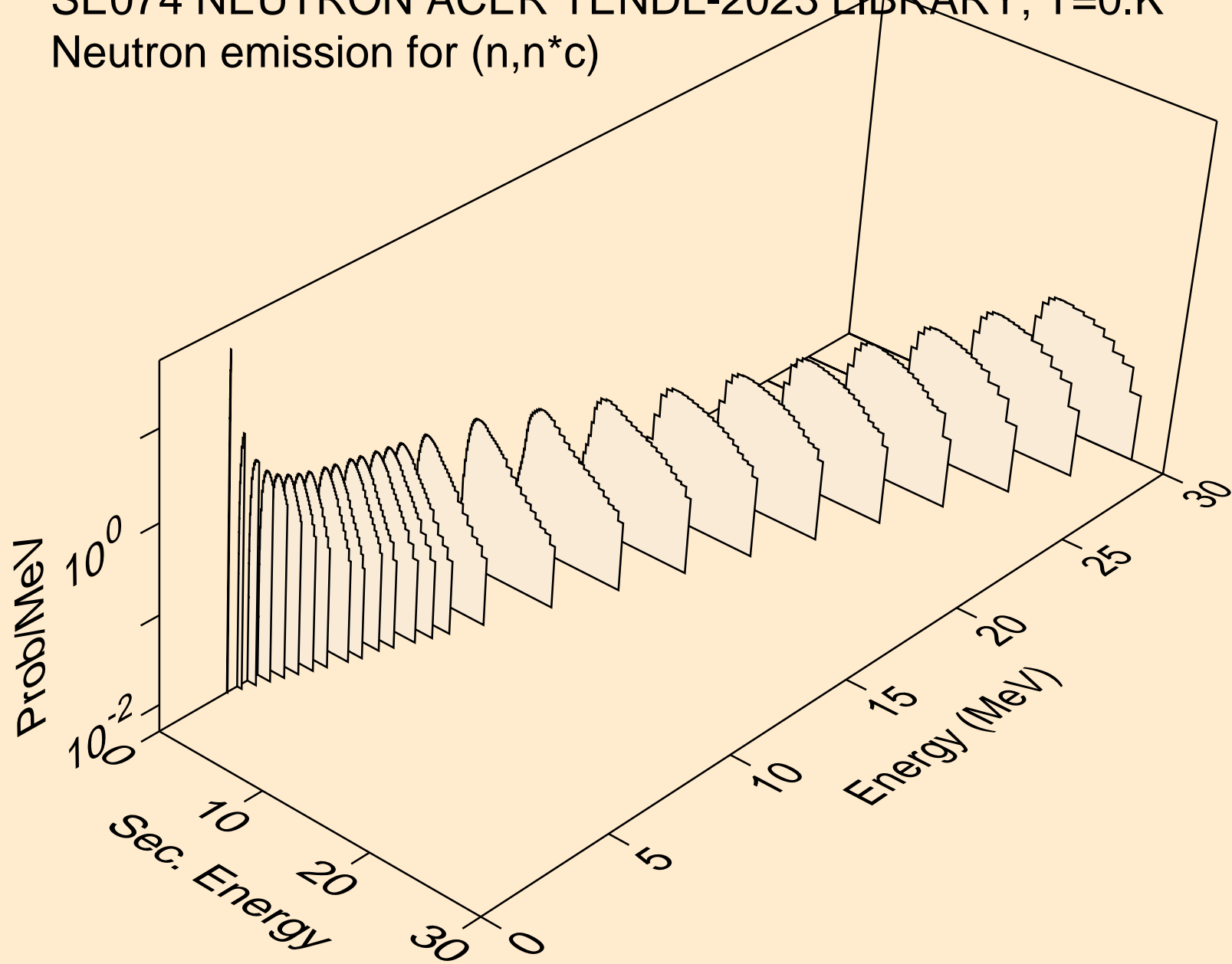
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



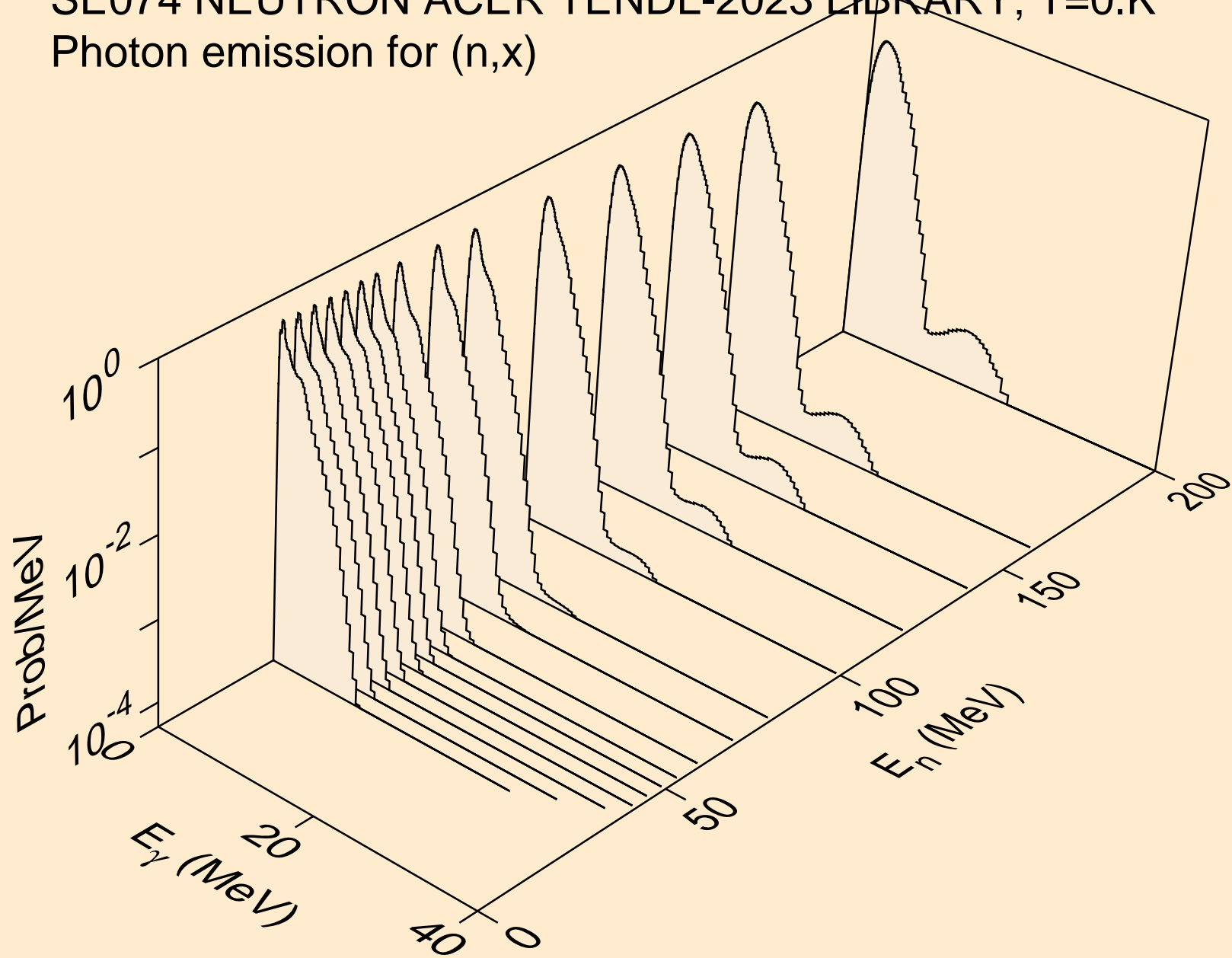
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Neutron emission for (n,npa)



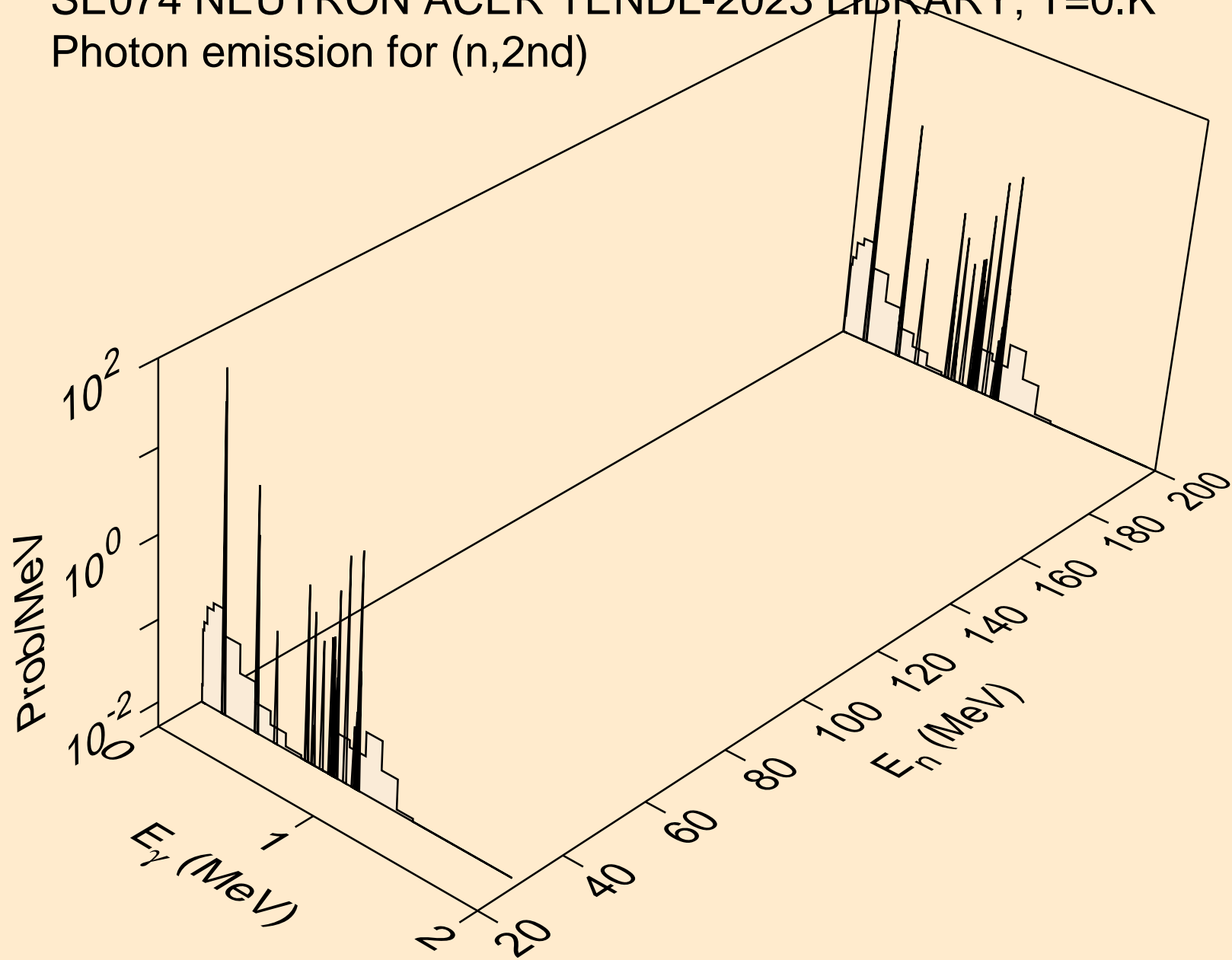
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



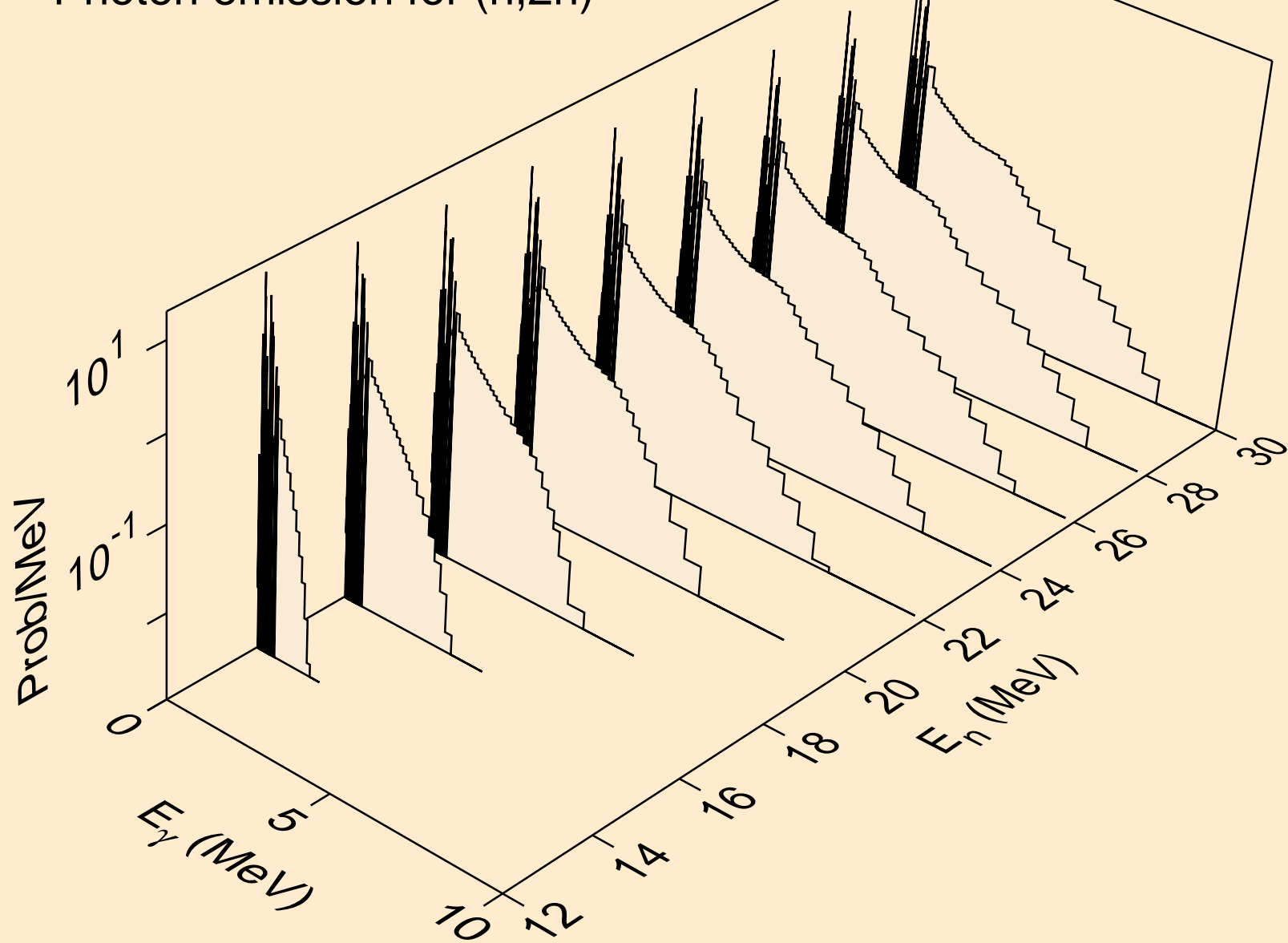
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



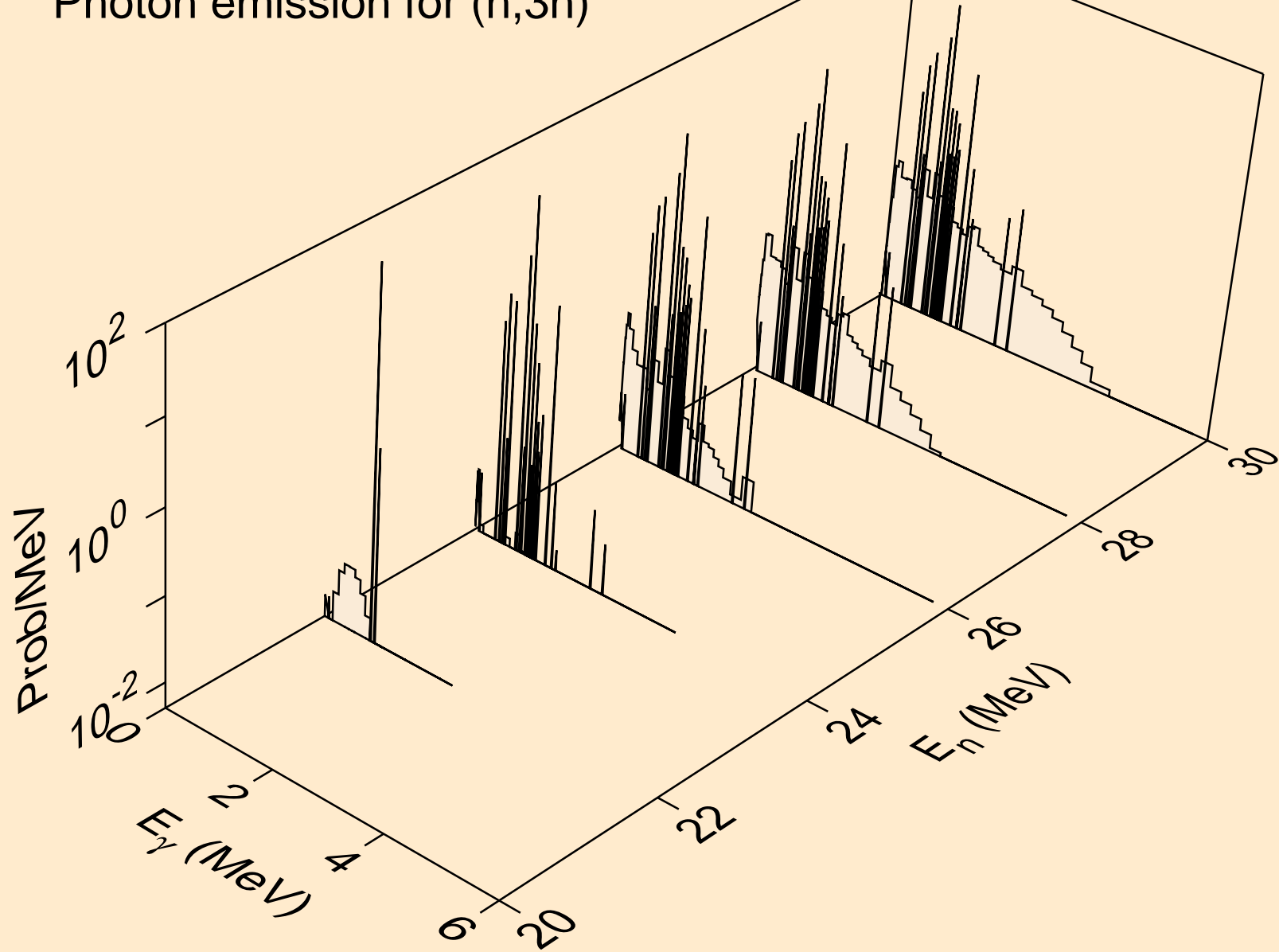
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

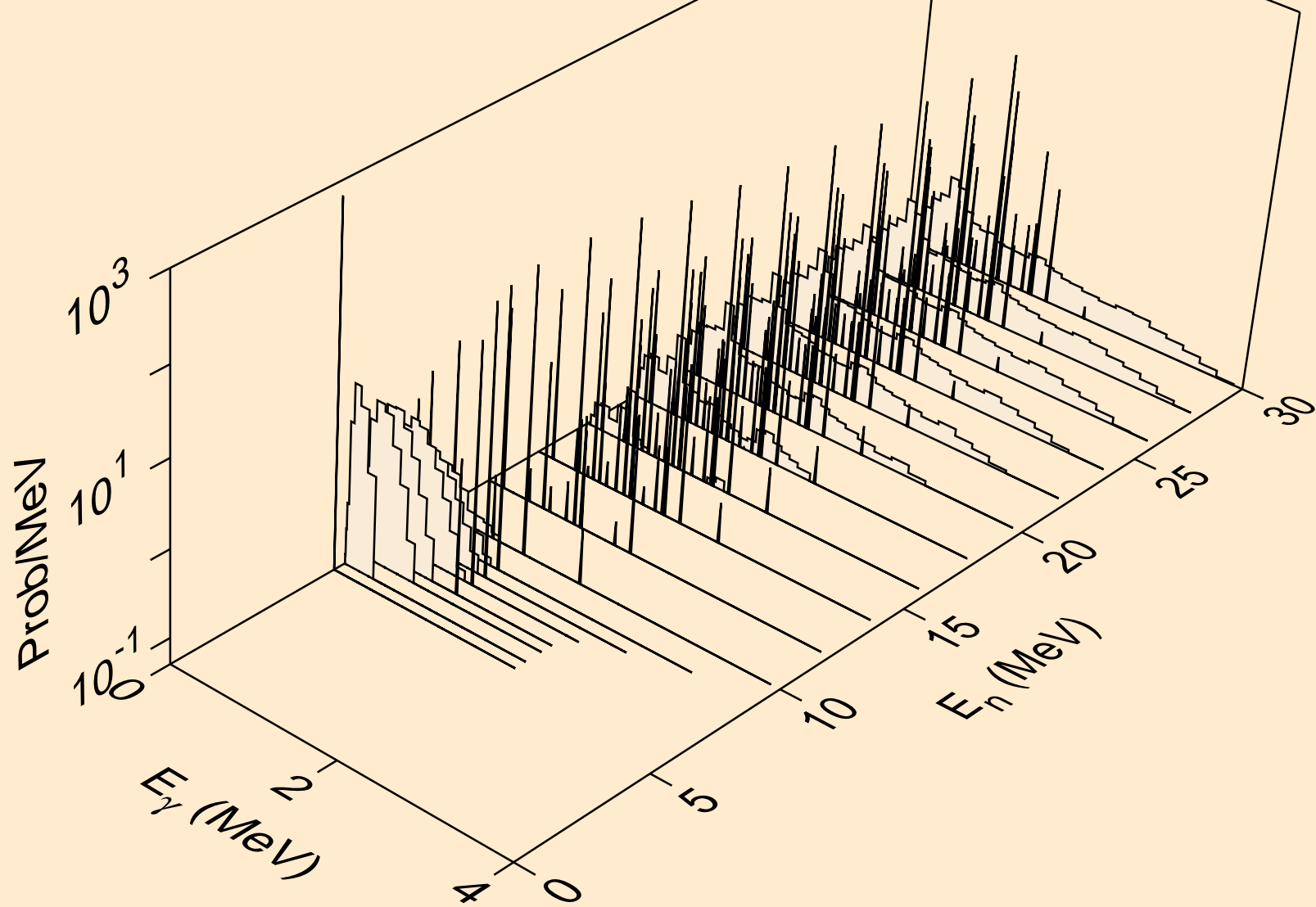


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

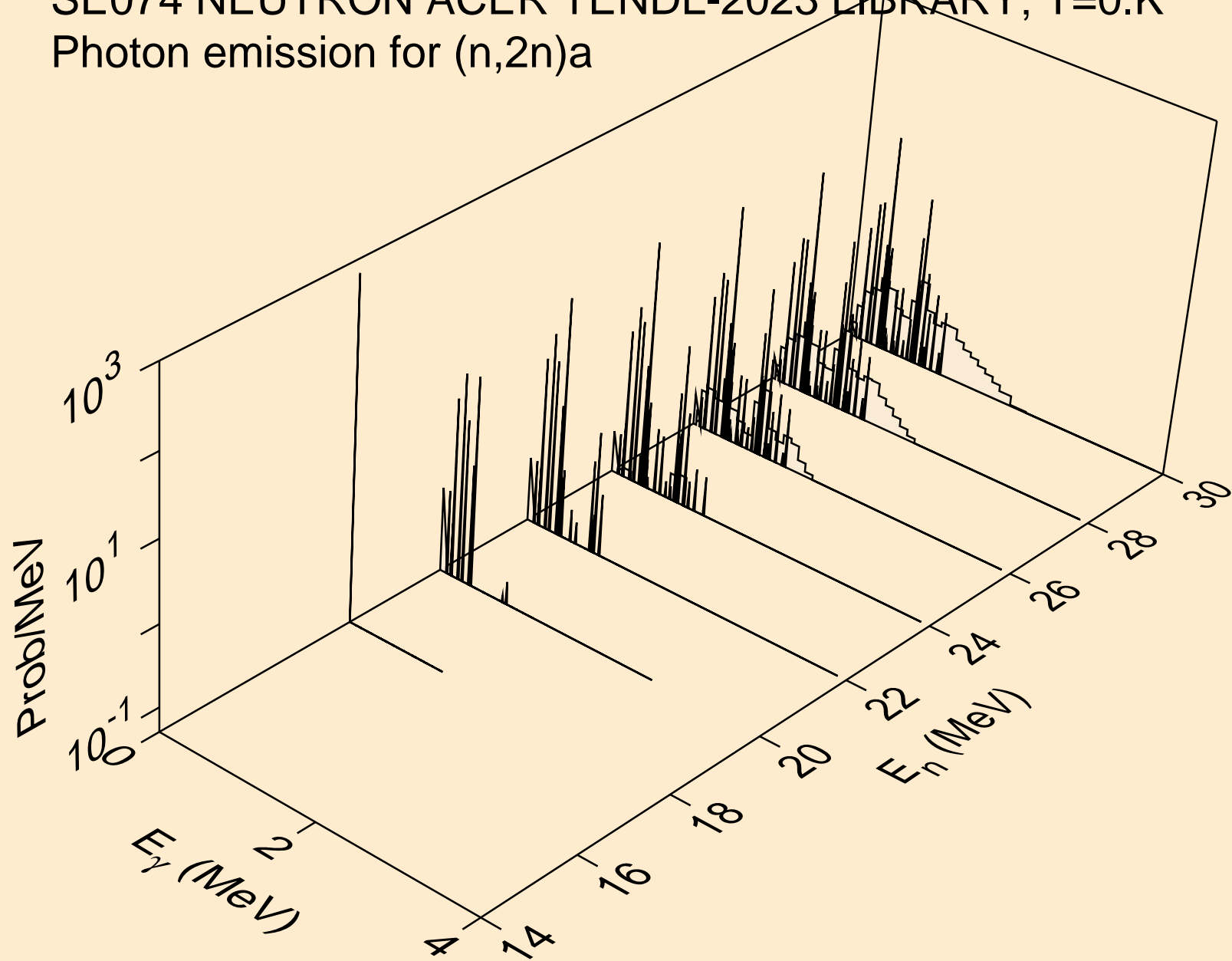




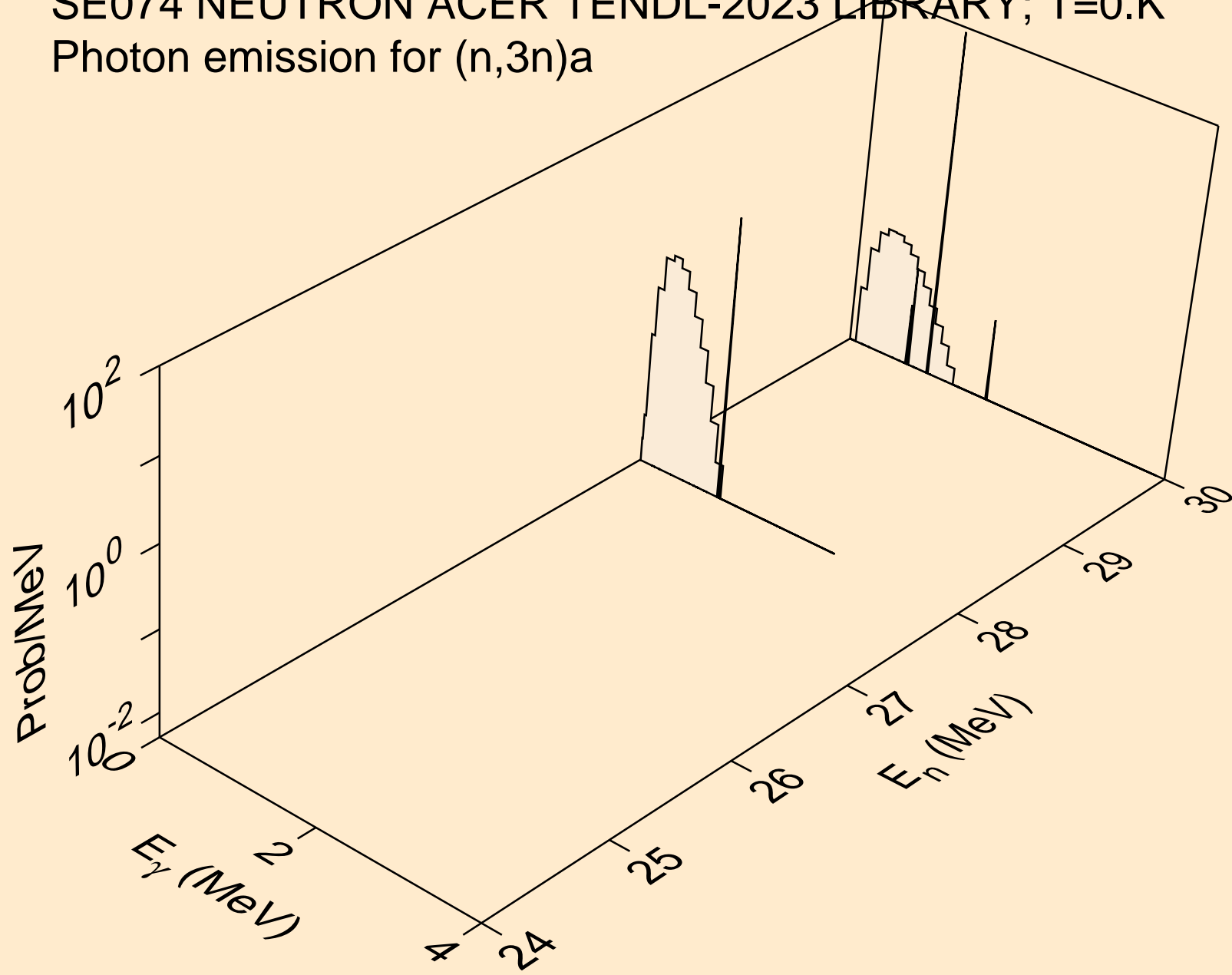
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Photon emission for (n,n\*)a



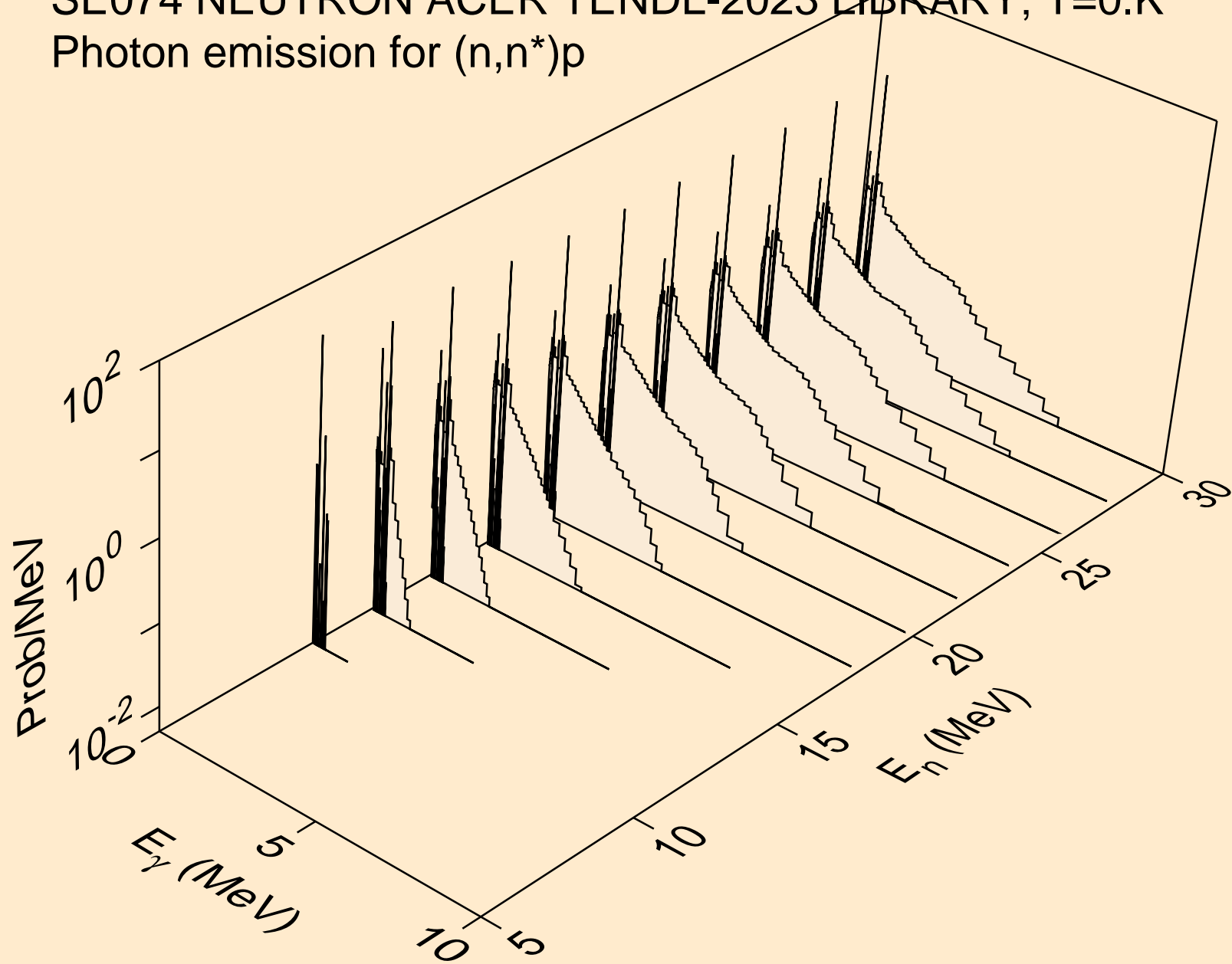
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



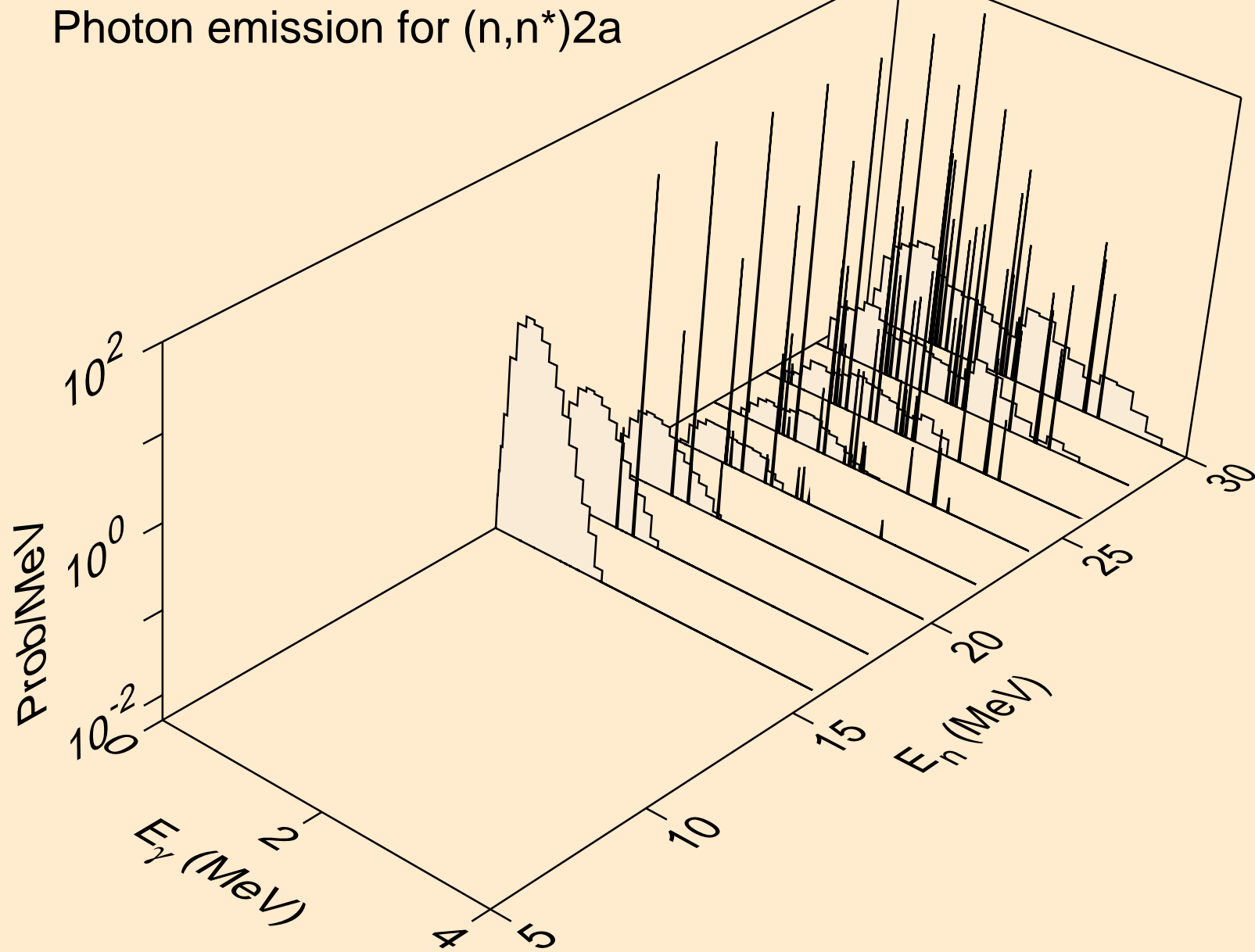
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



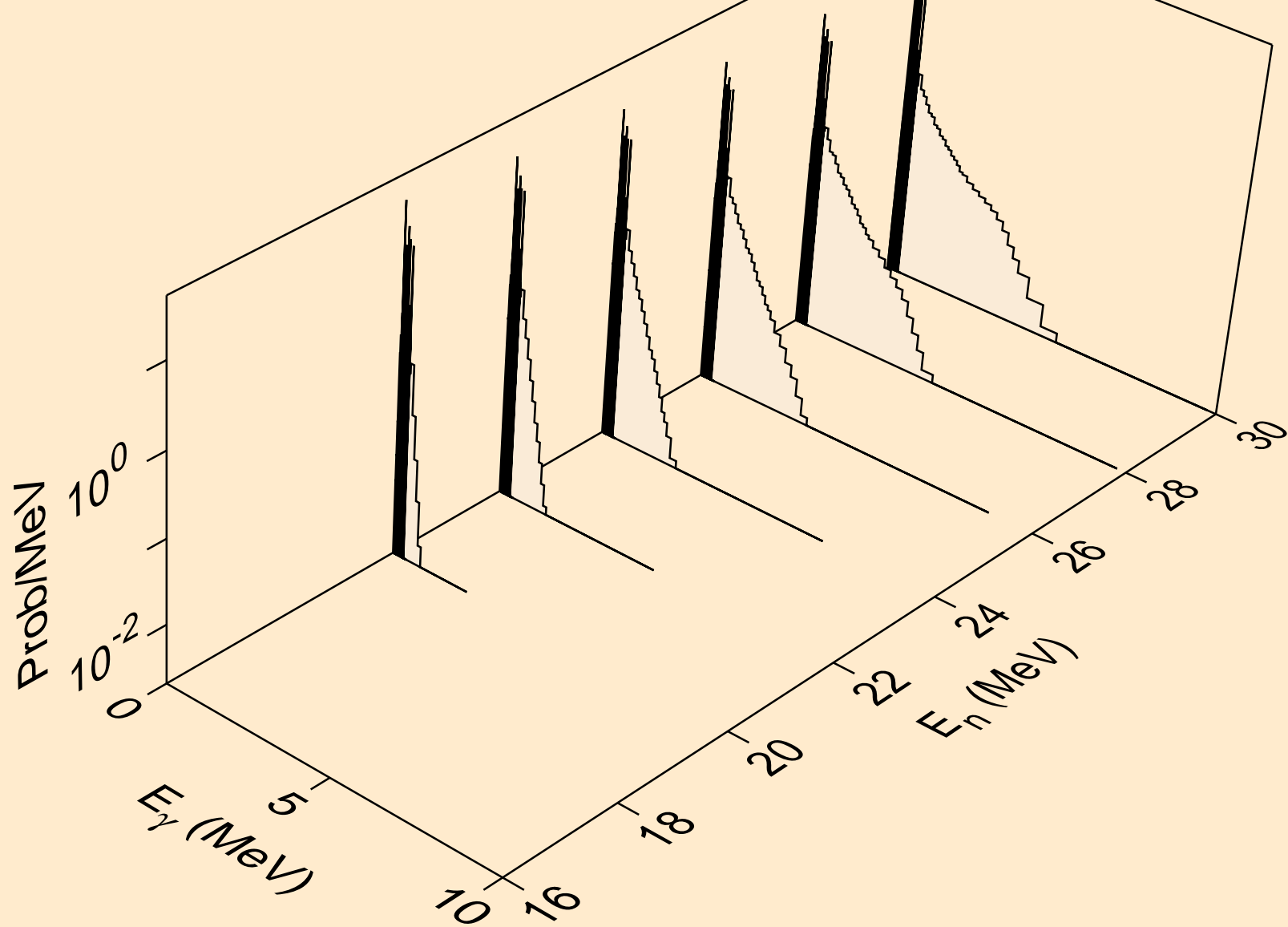
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



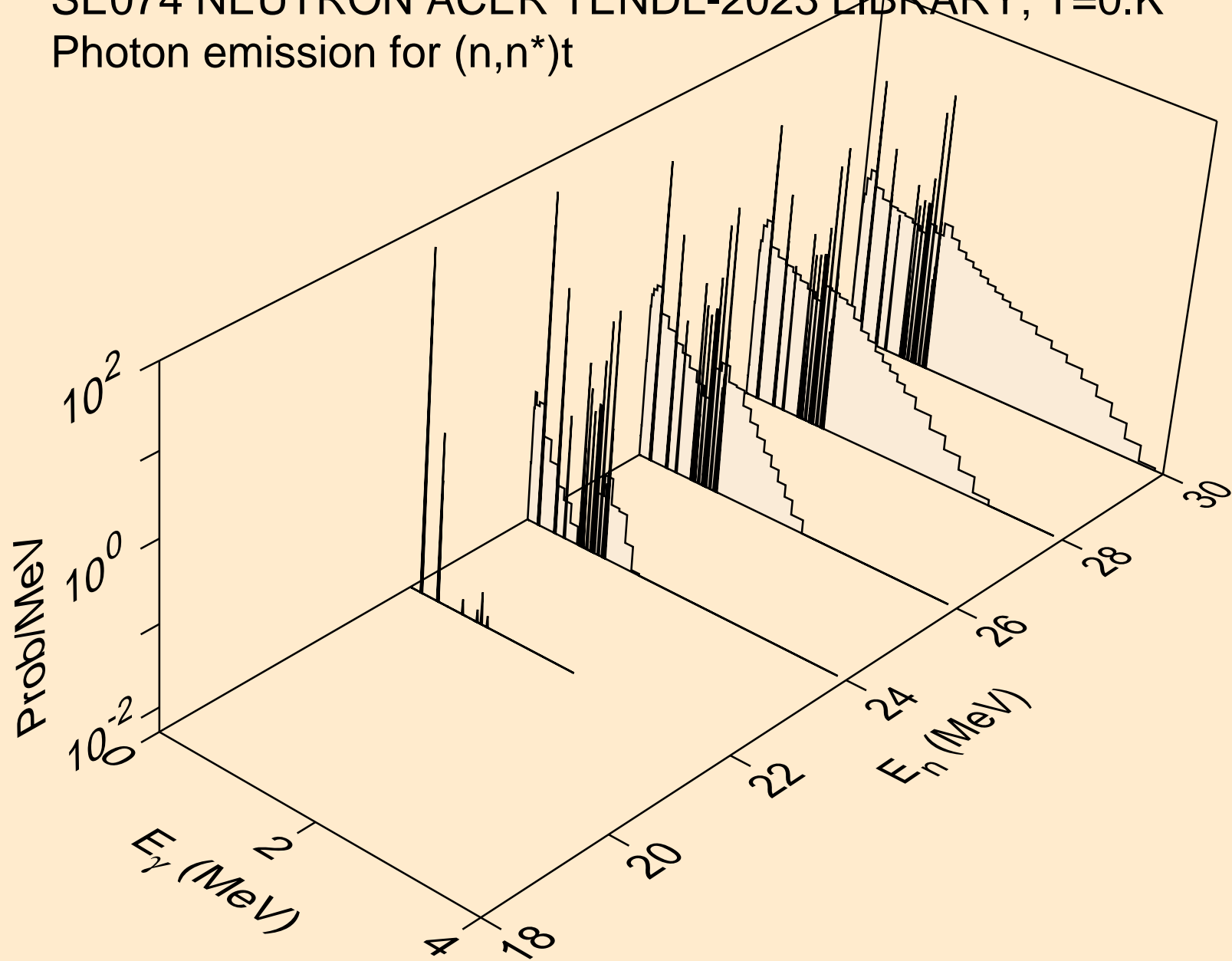
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



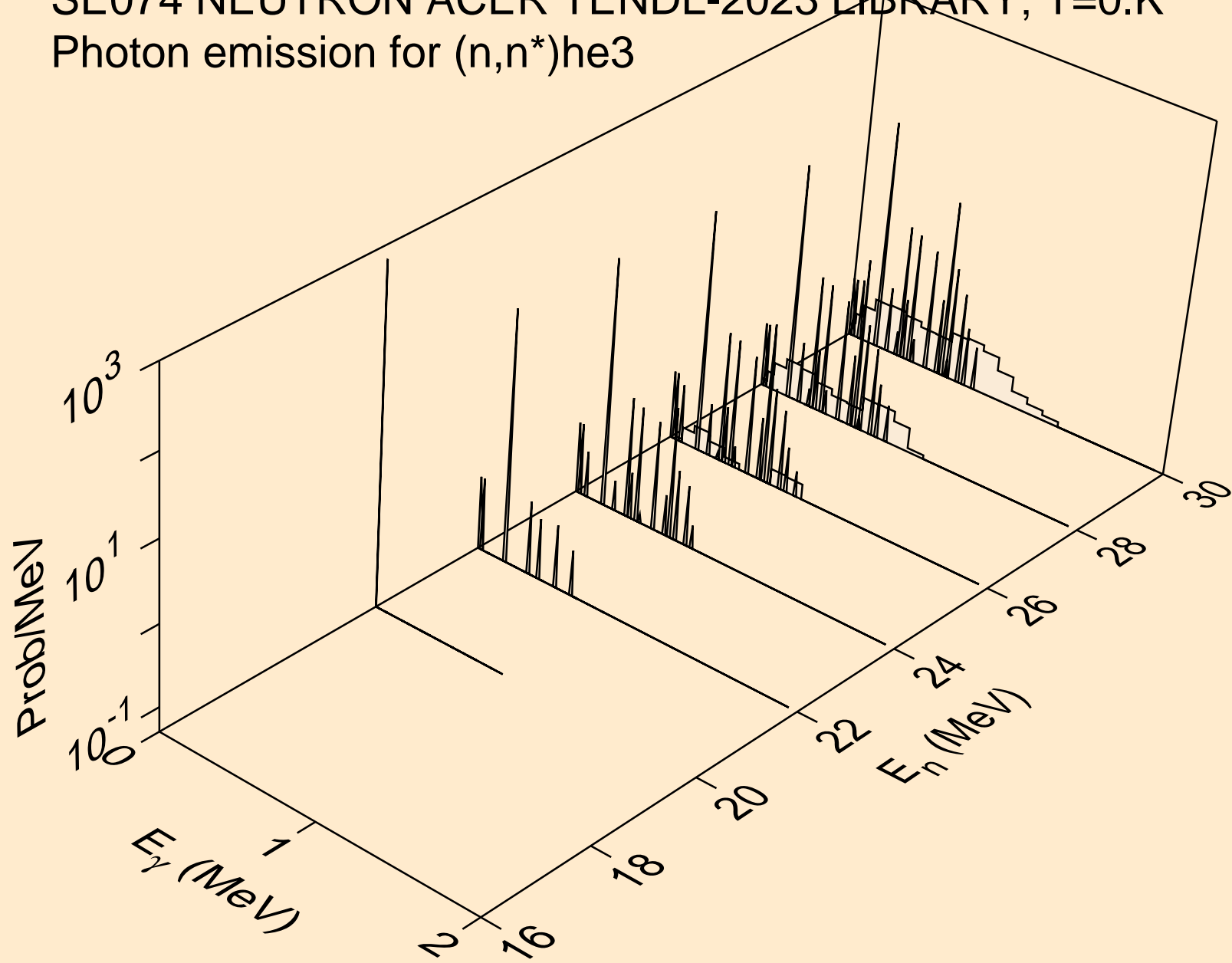
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

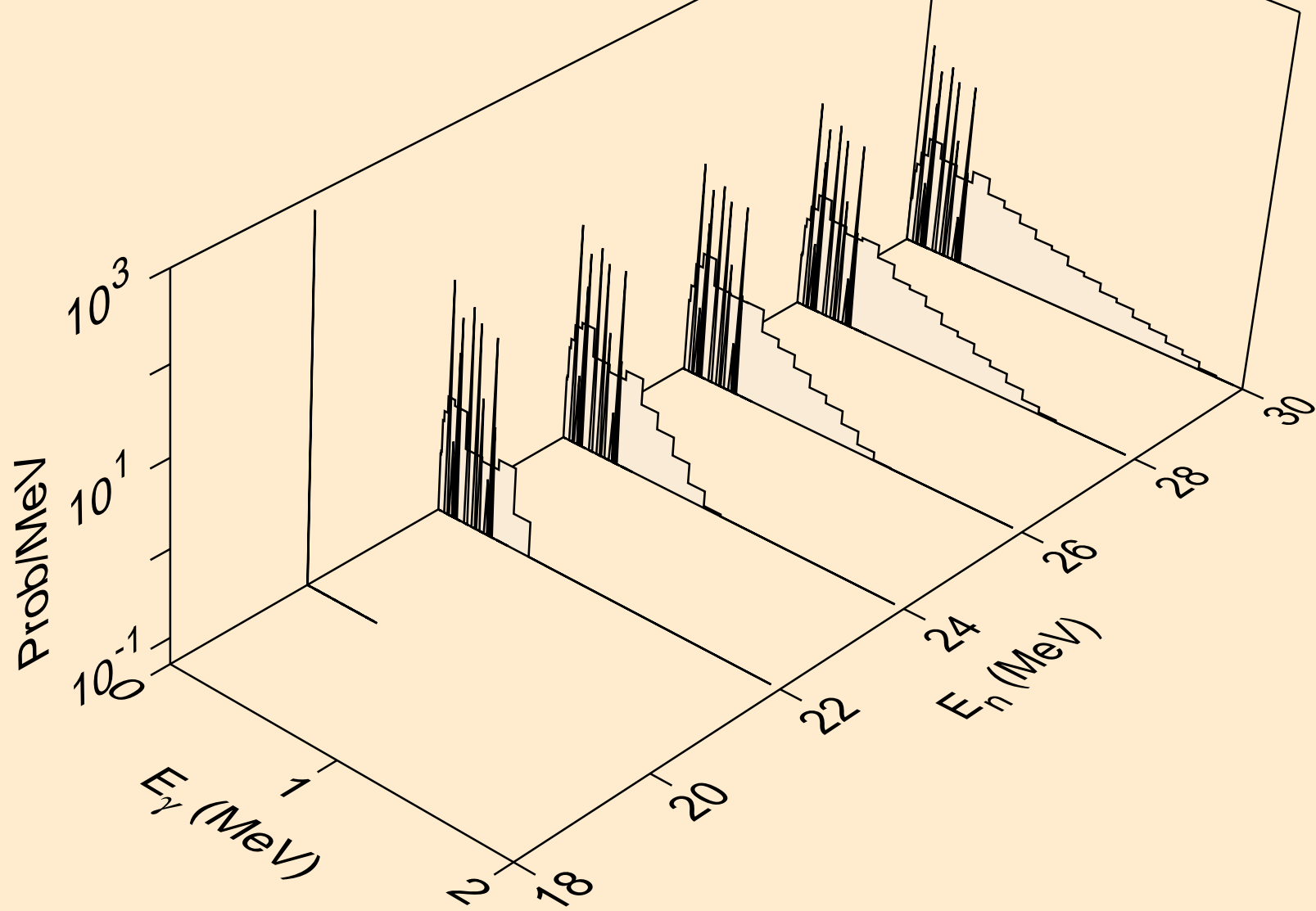


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

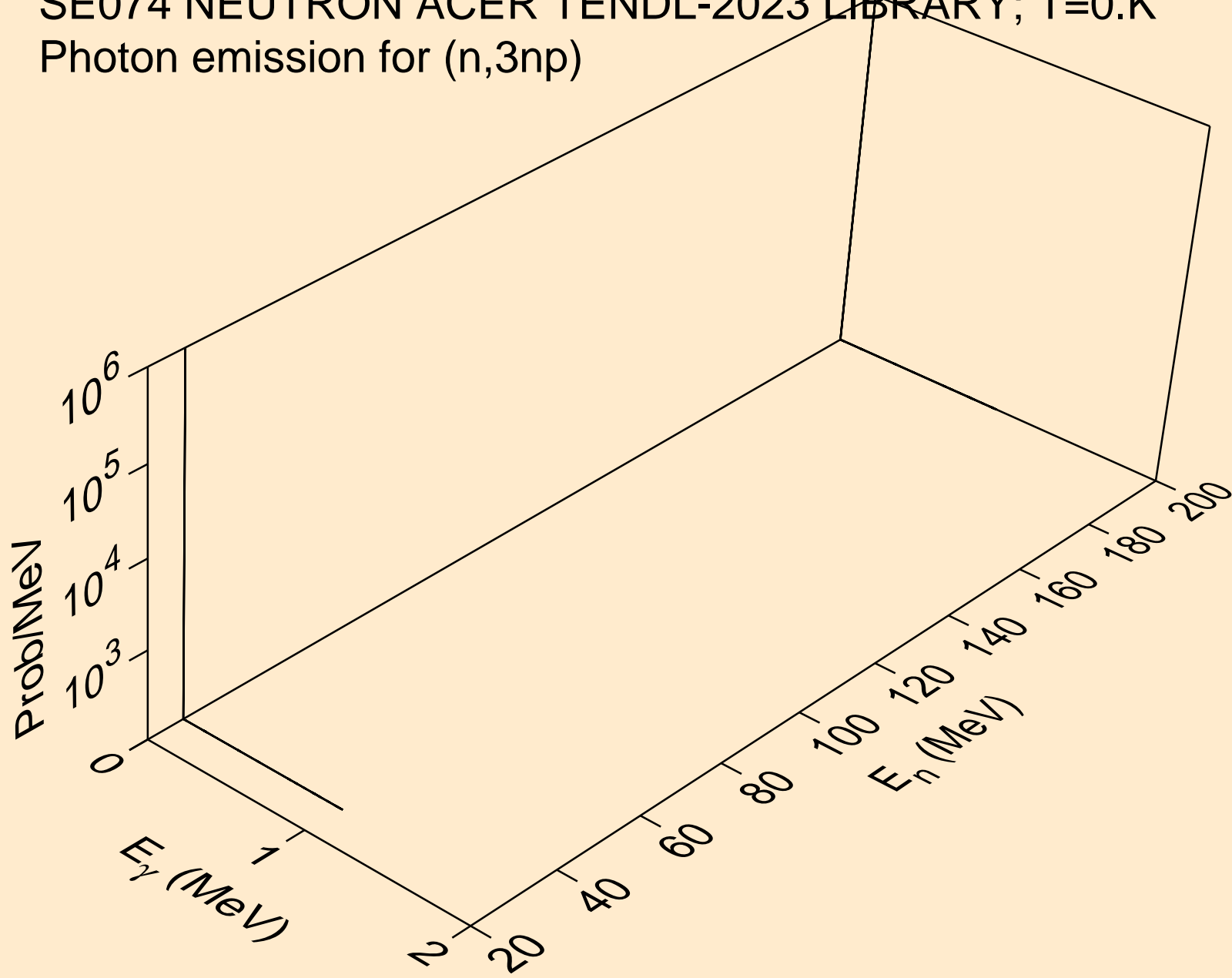




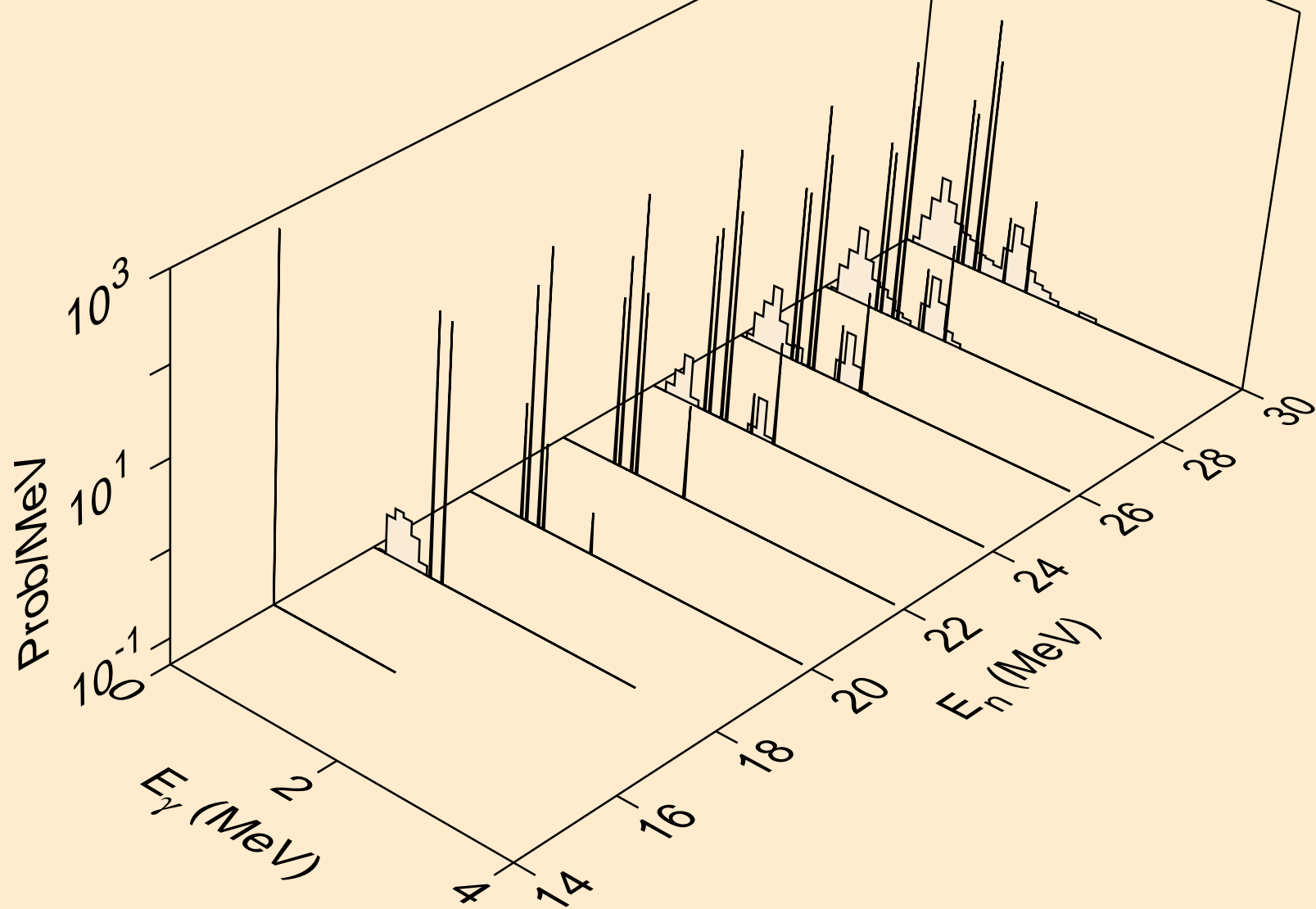
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



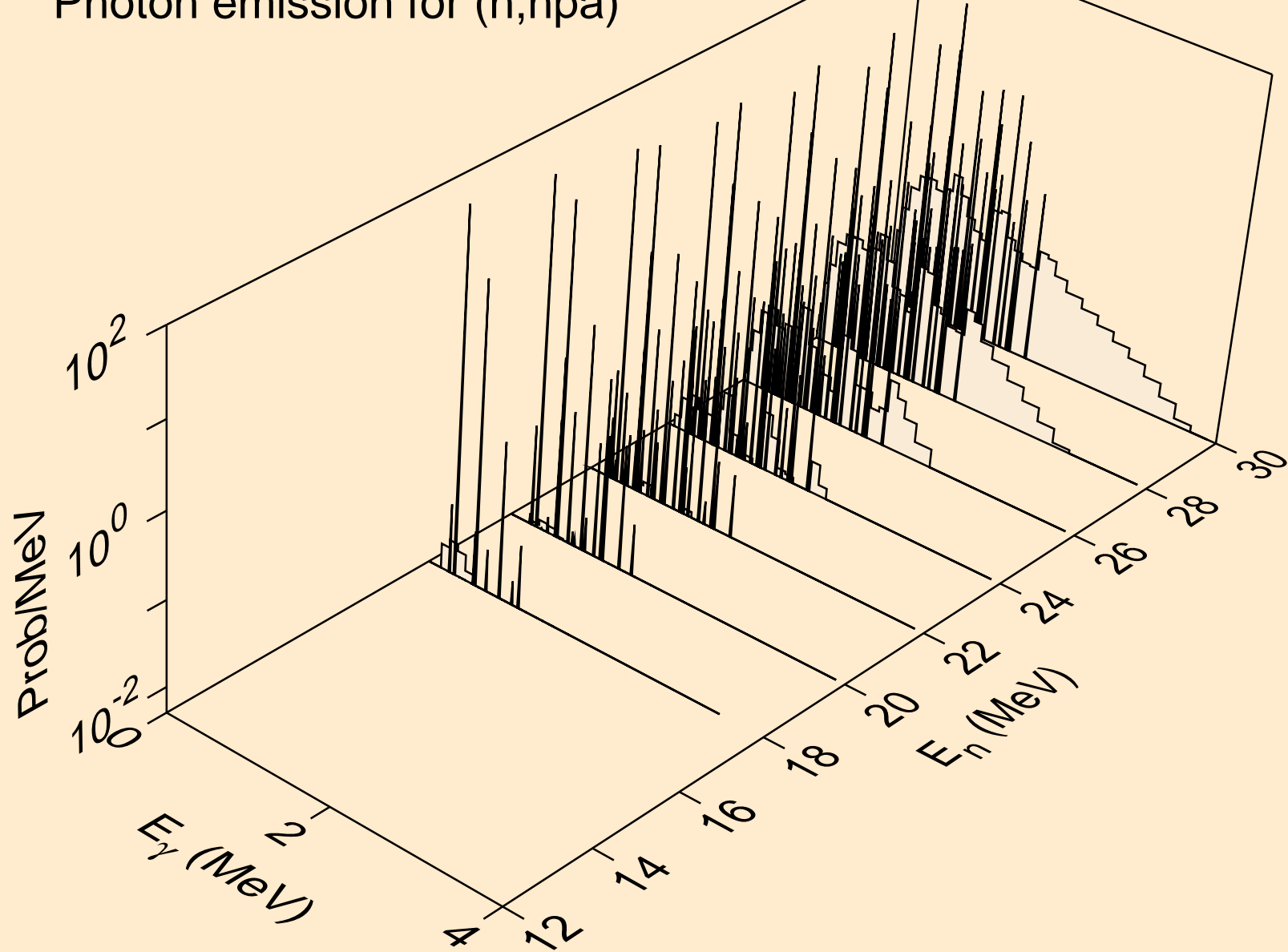
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



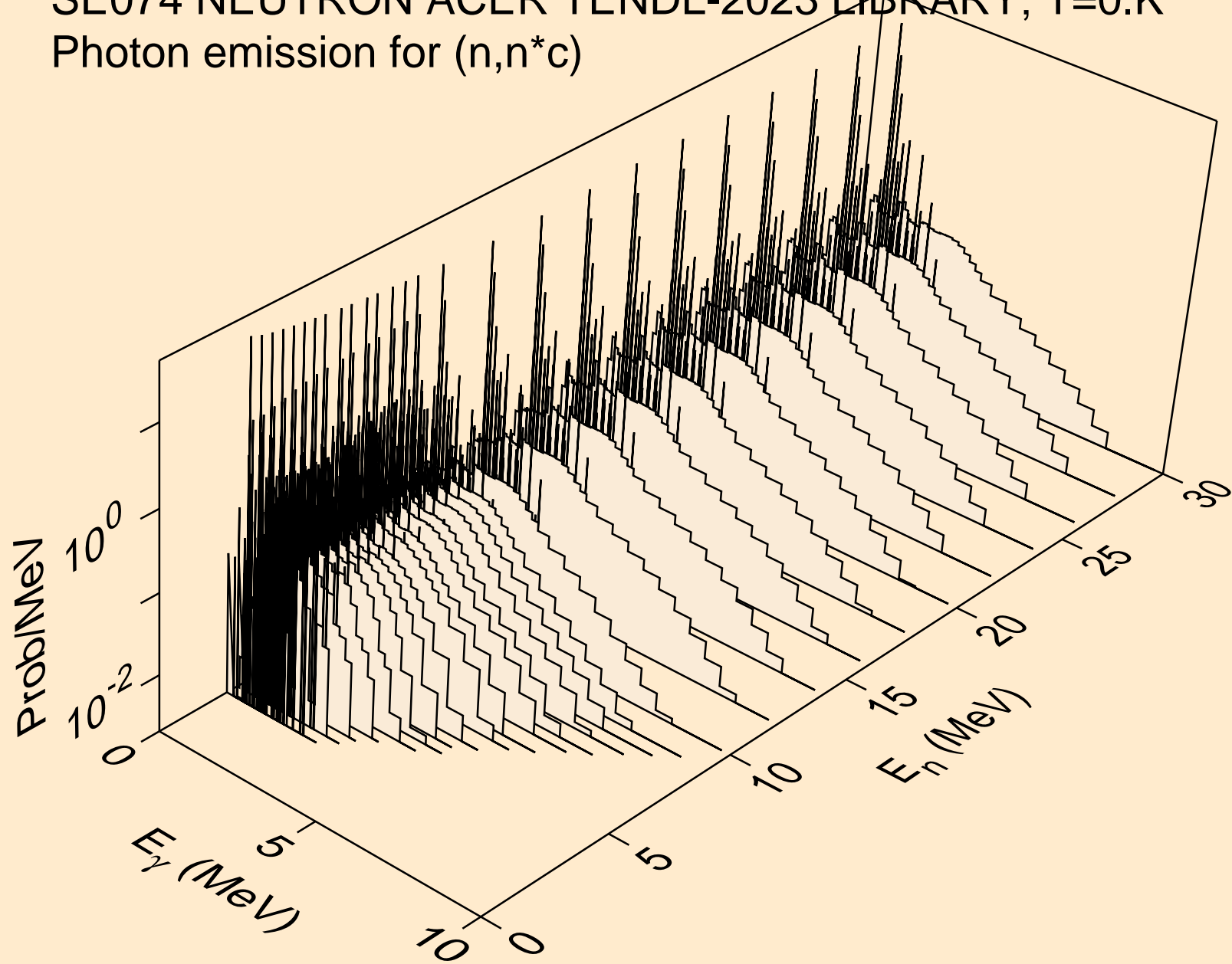
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



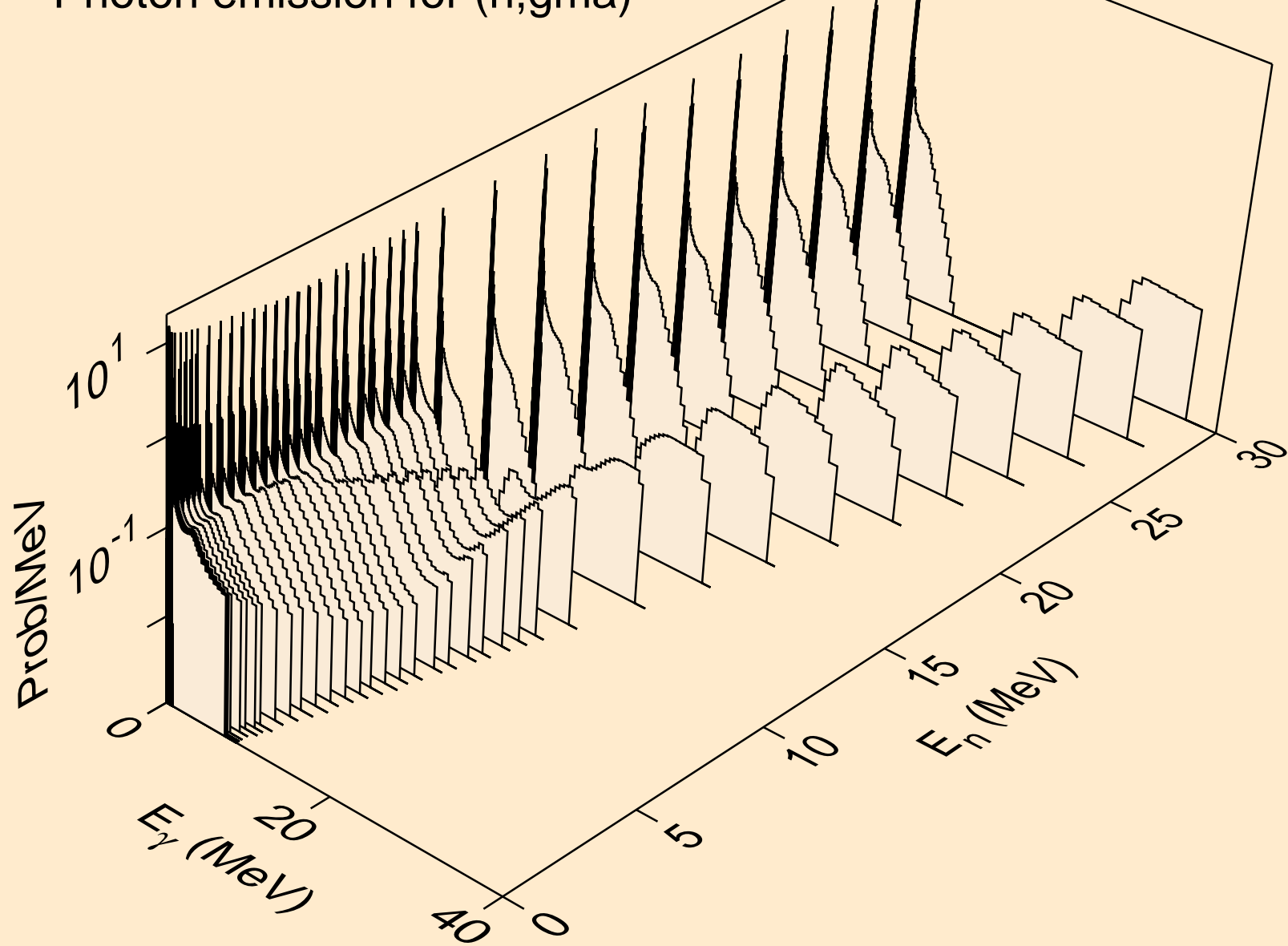
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



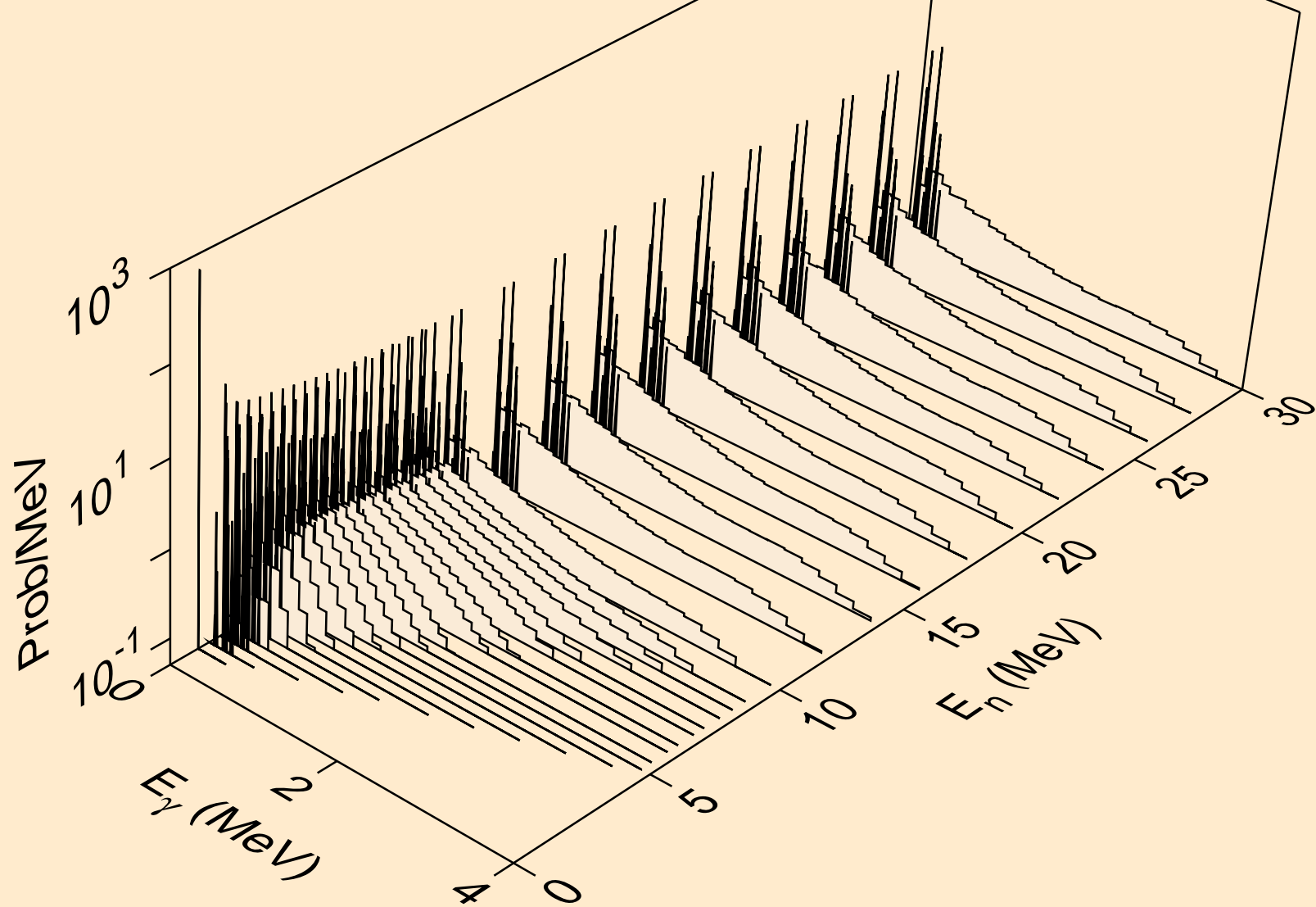
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



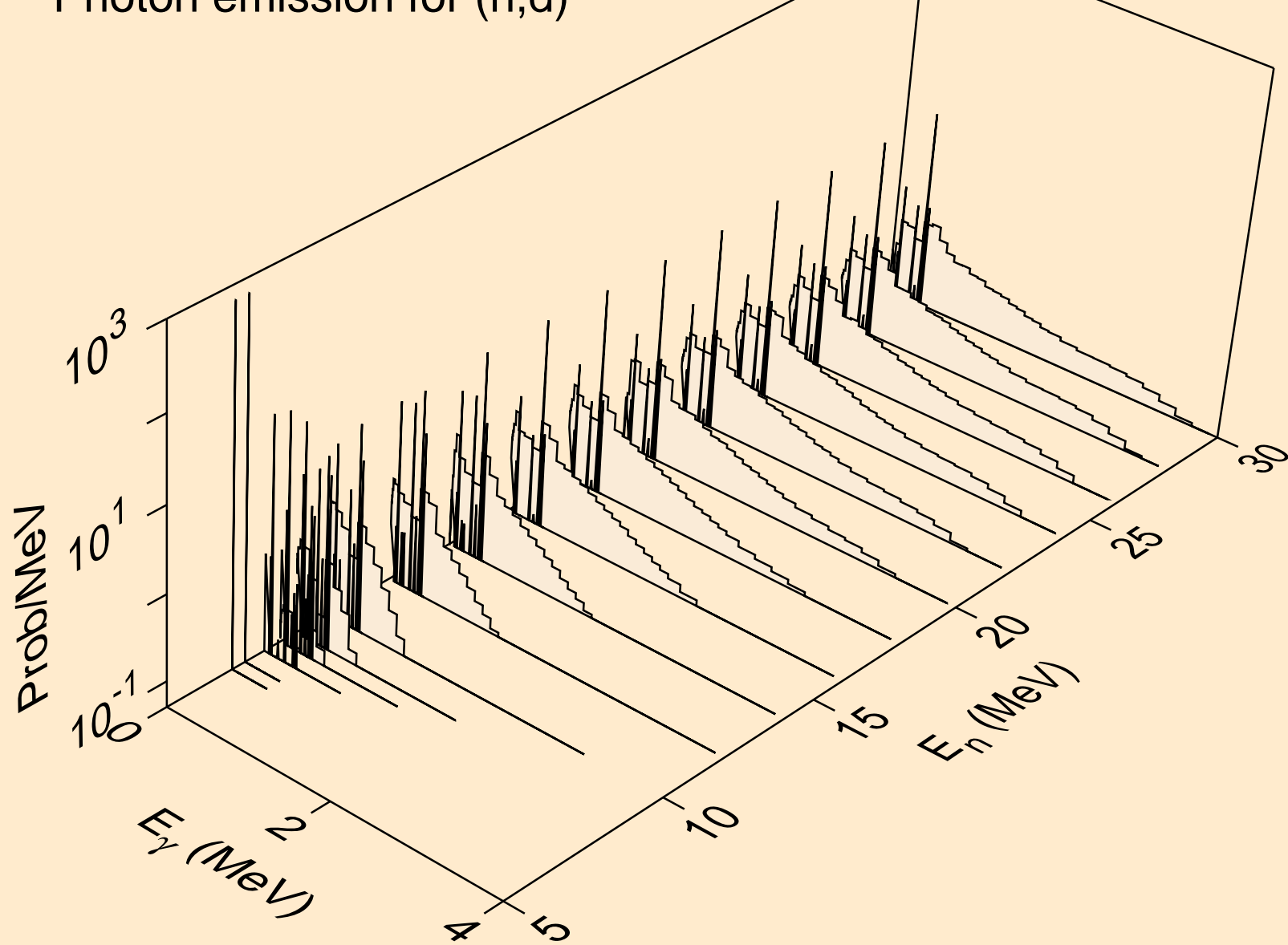
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

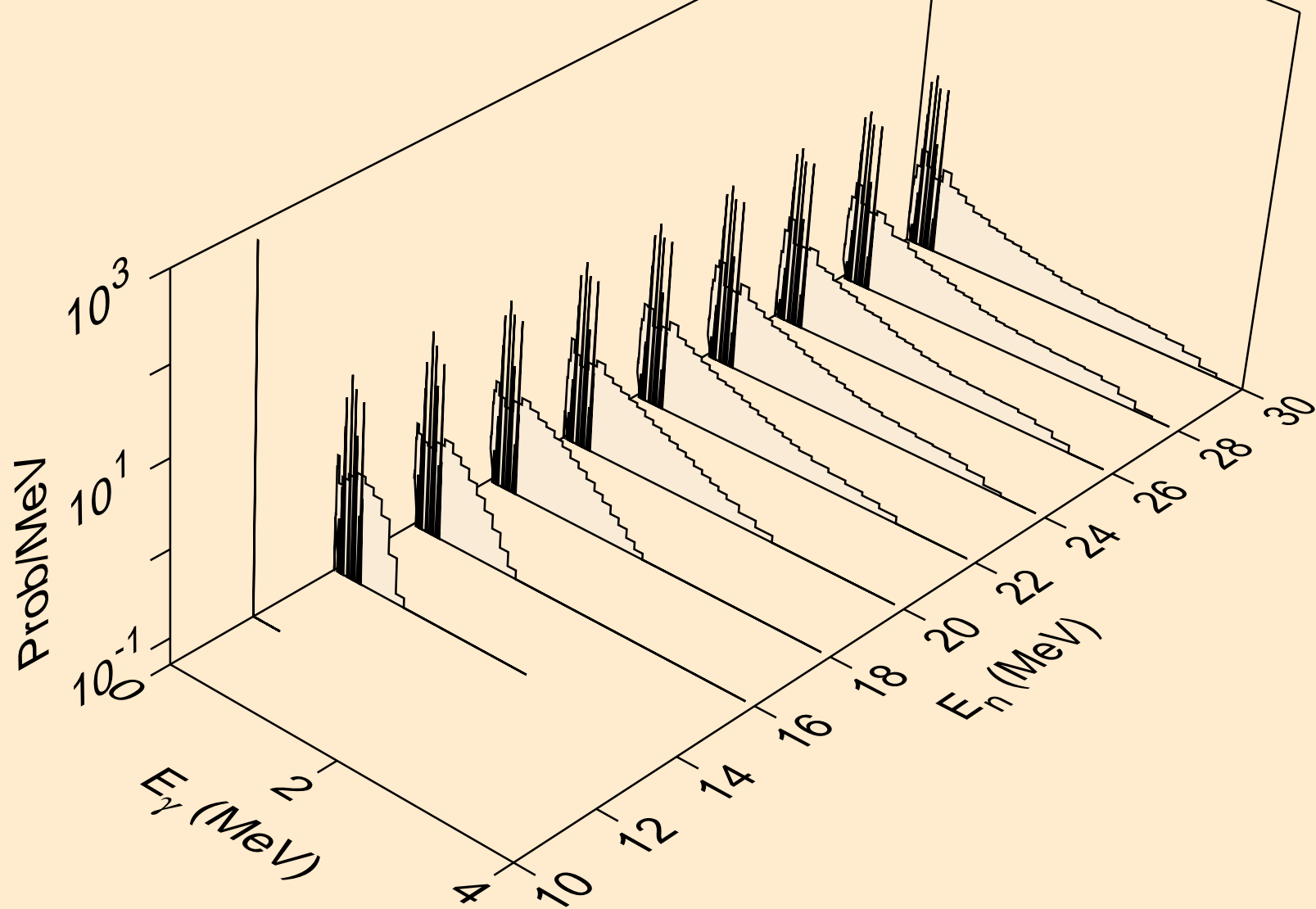


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

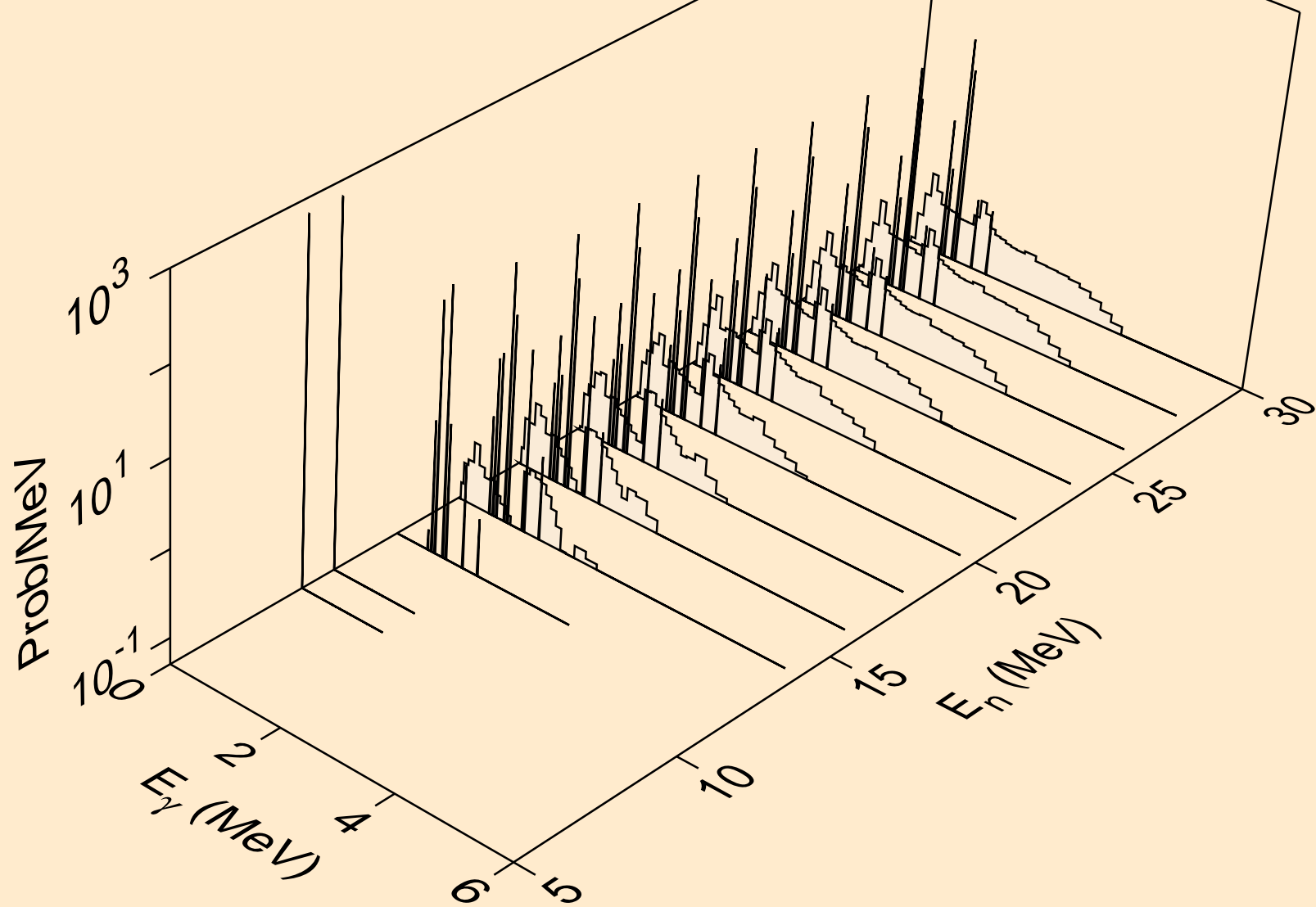




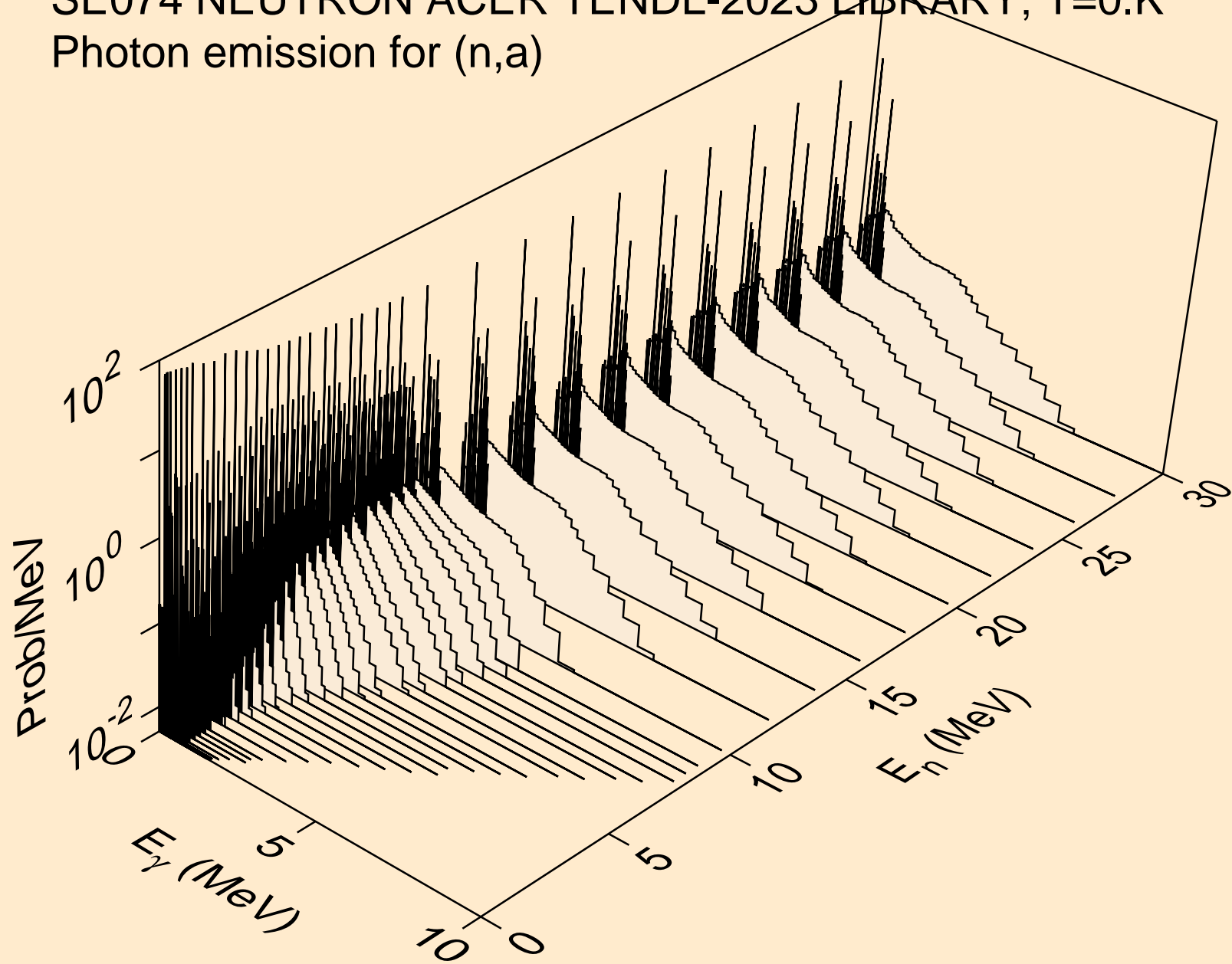
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Photon emission for (n,t)



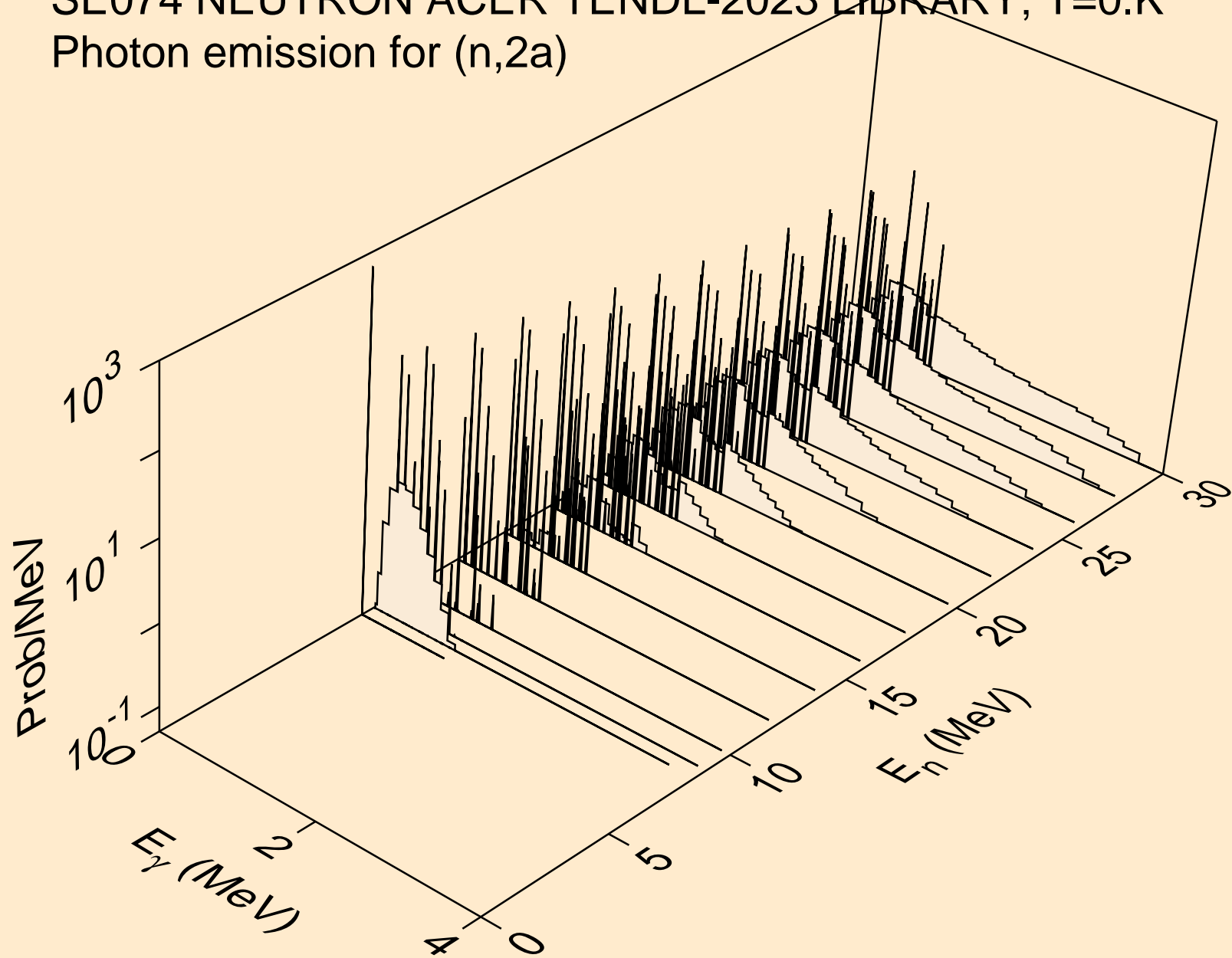
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Photon emission for (n,he3)



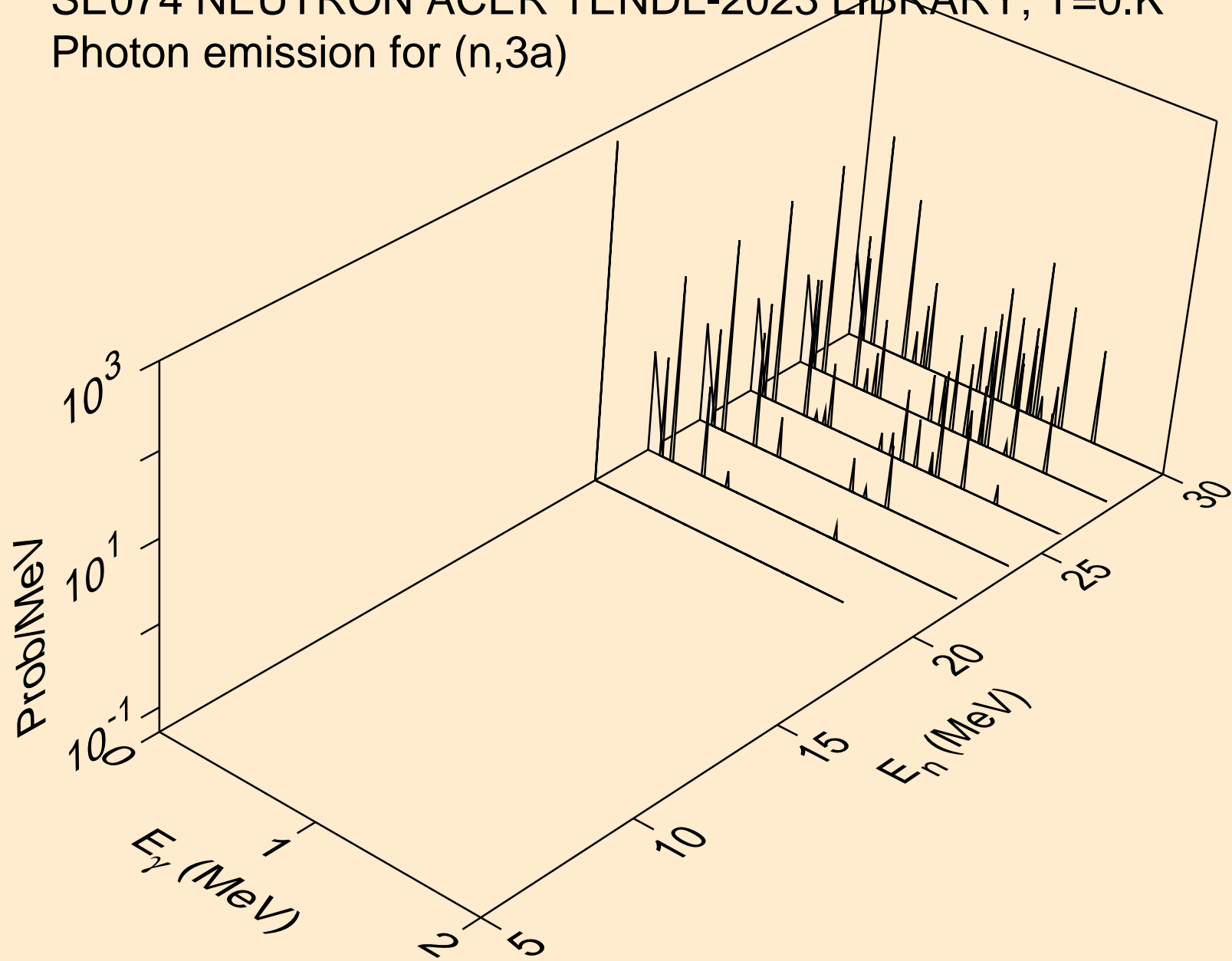
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Photon emission for (n,a)



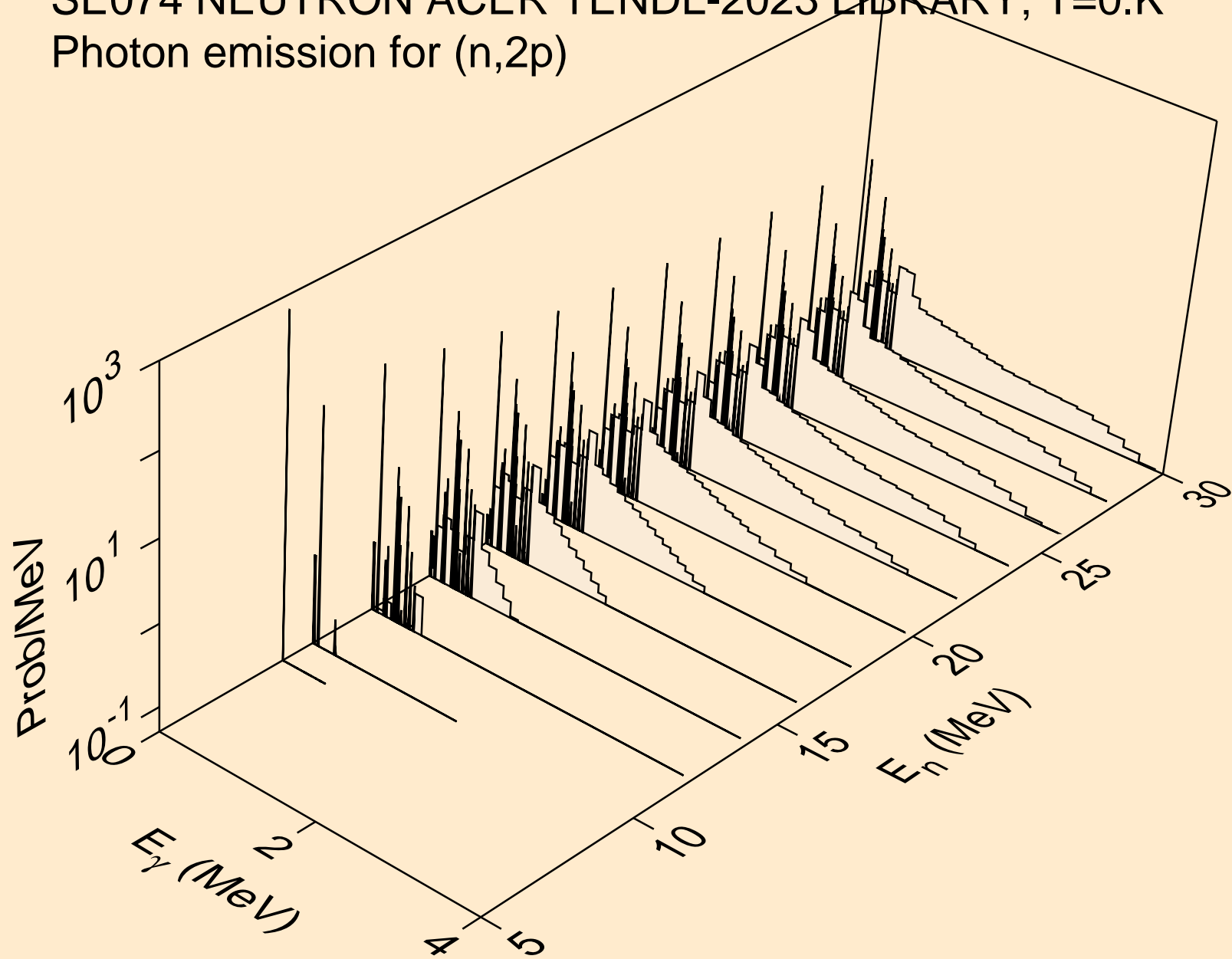
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



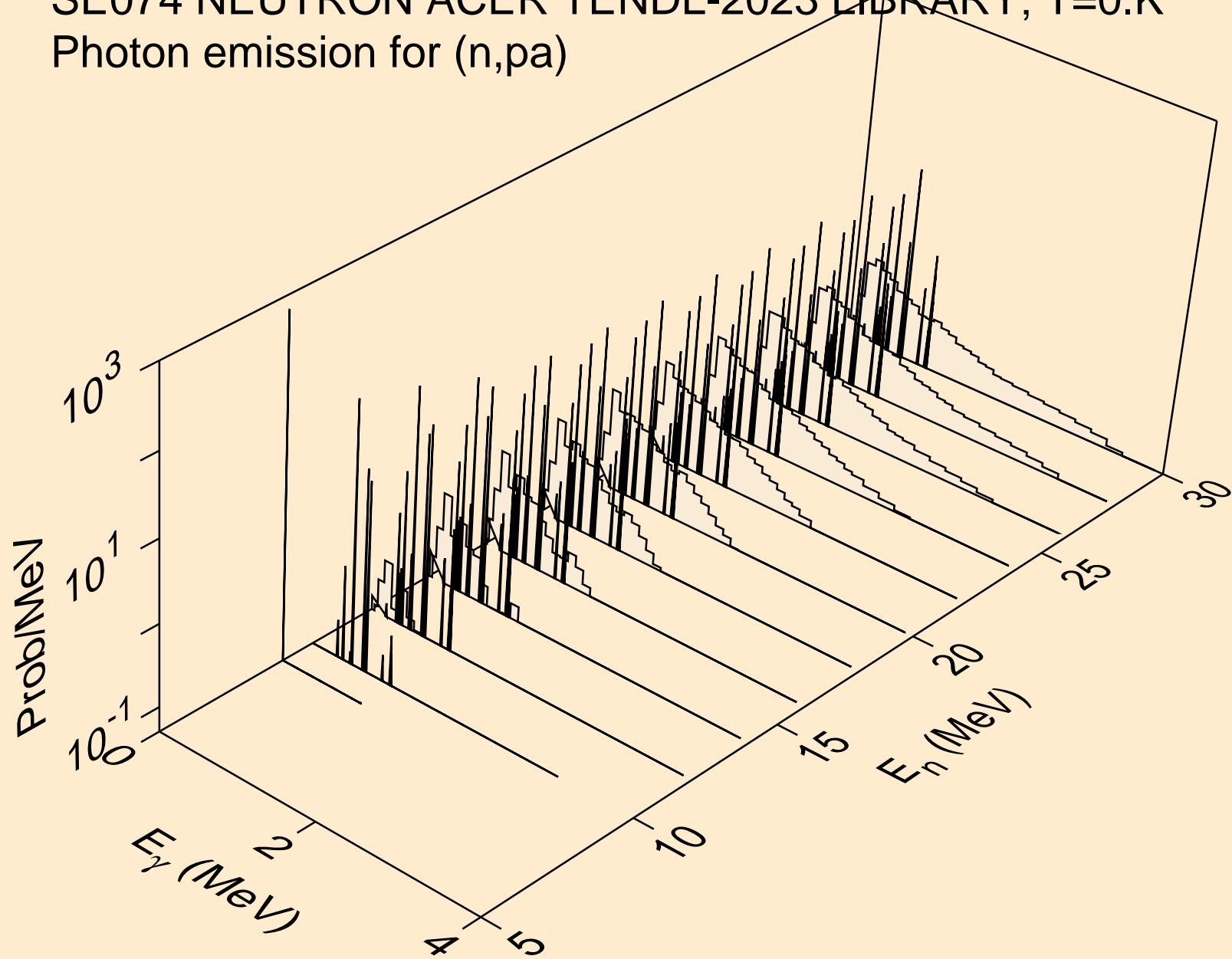
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



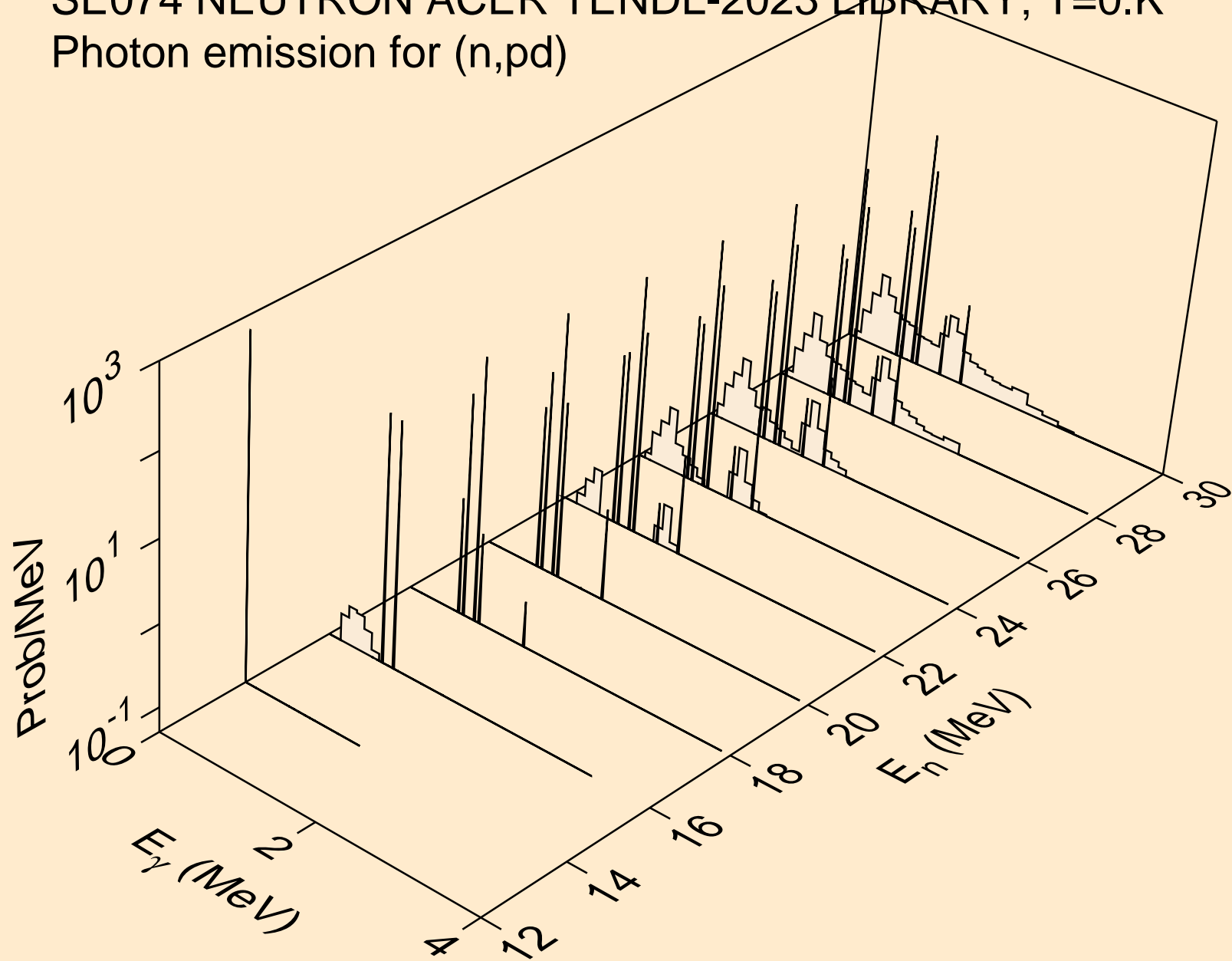
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

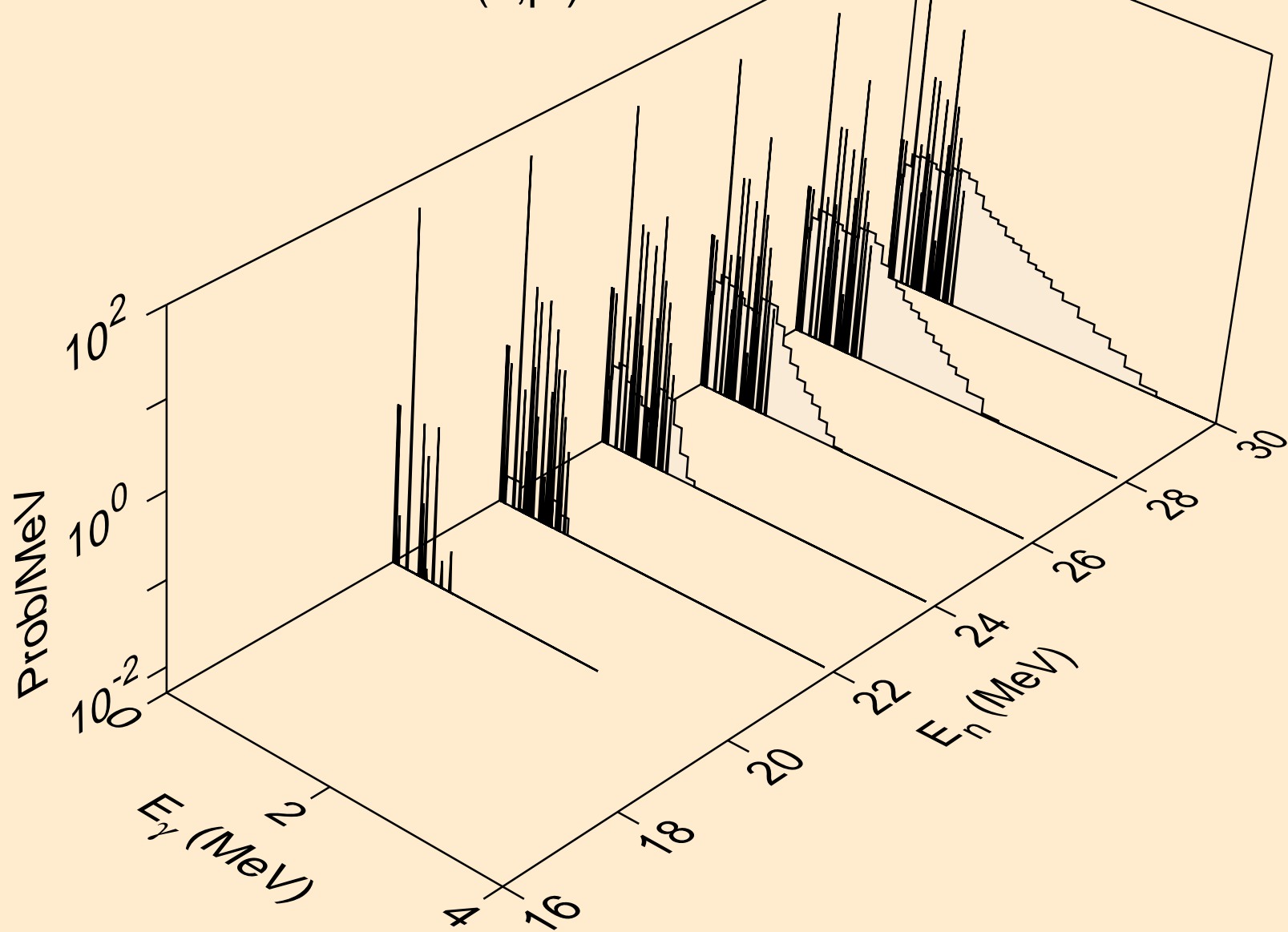


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

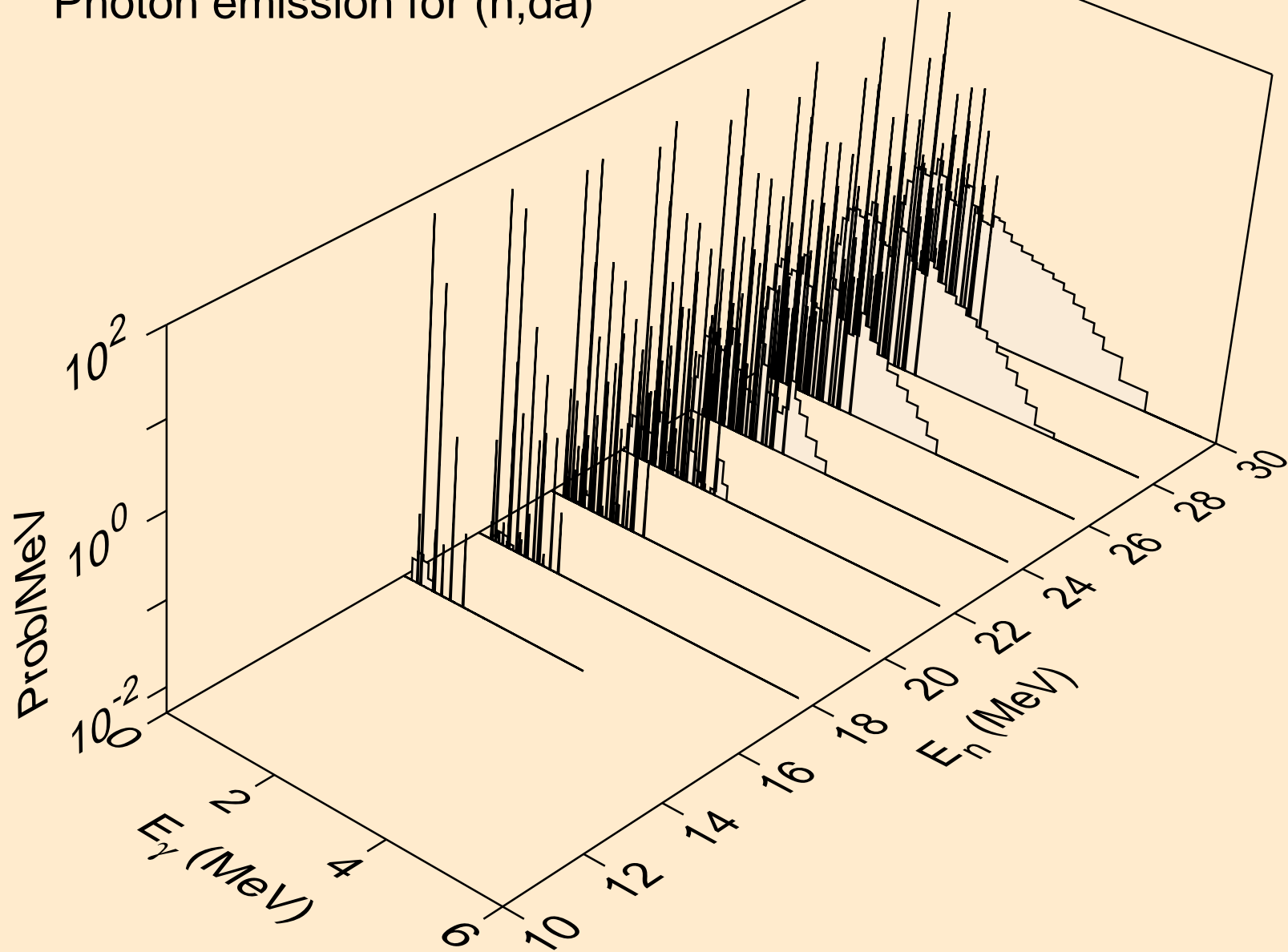




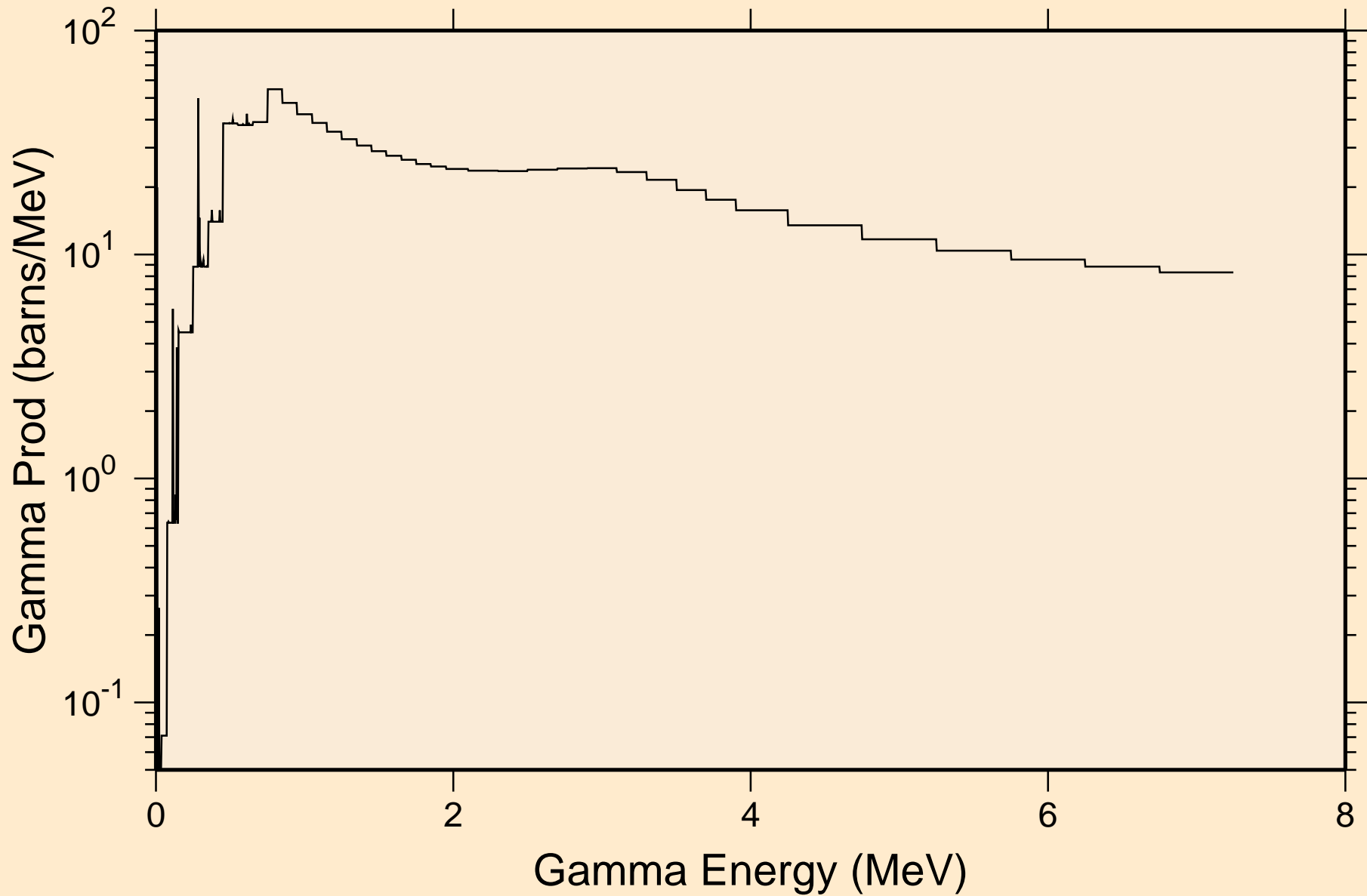
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



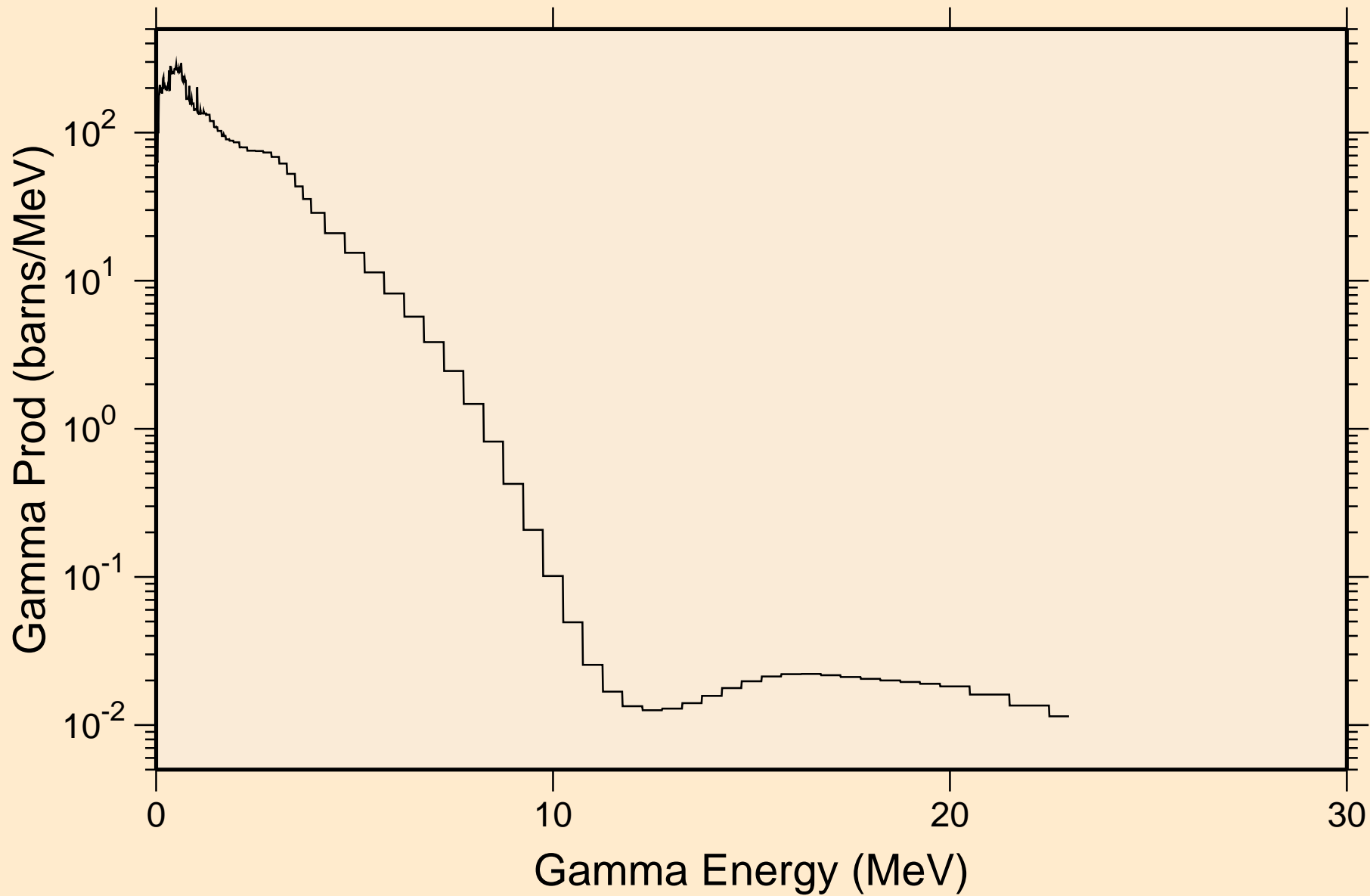
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

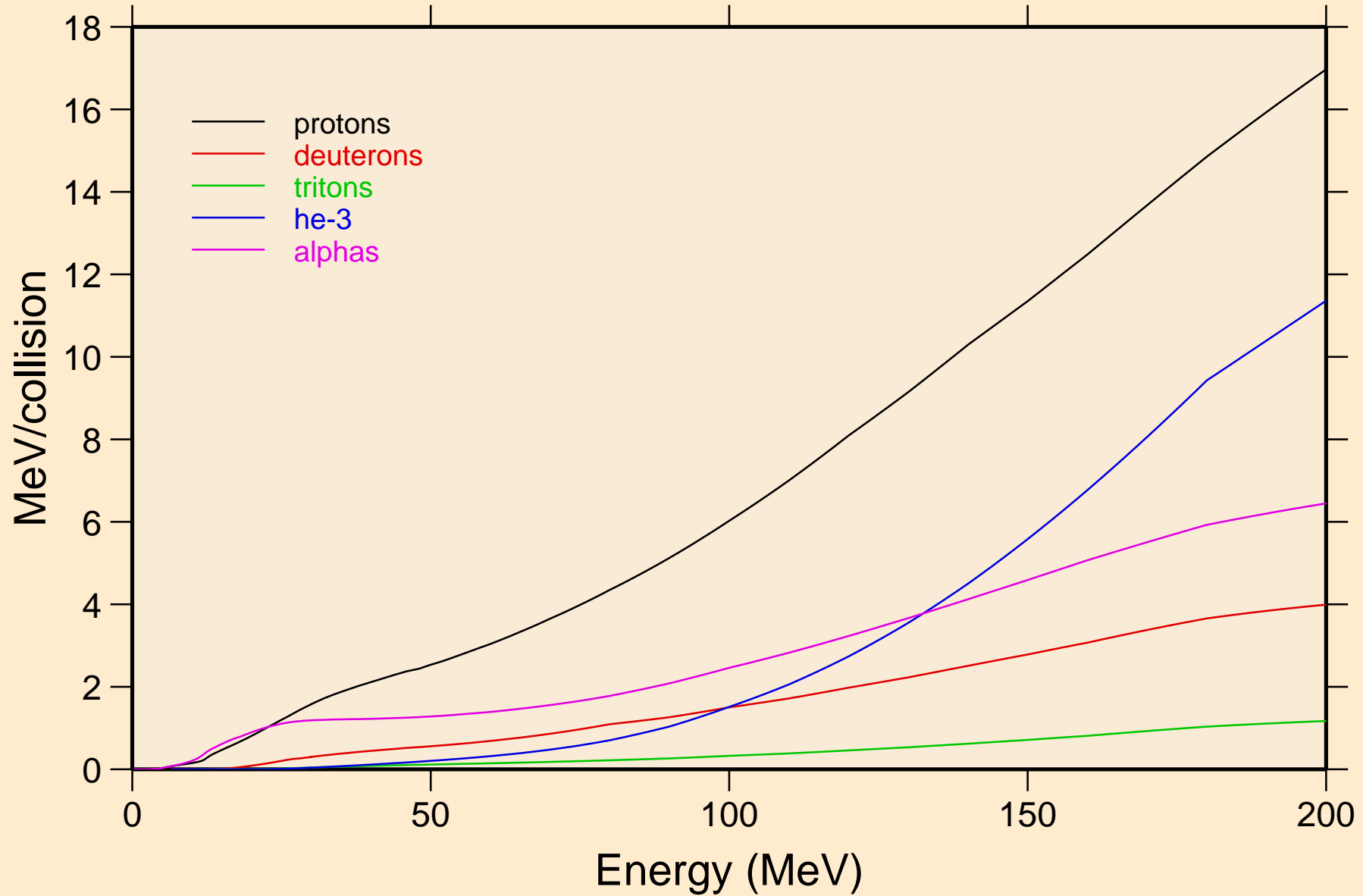


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

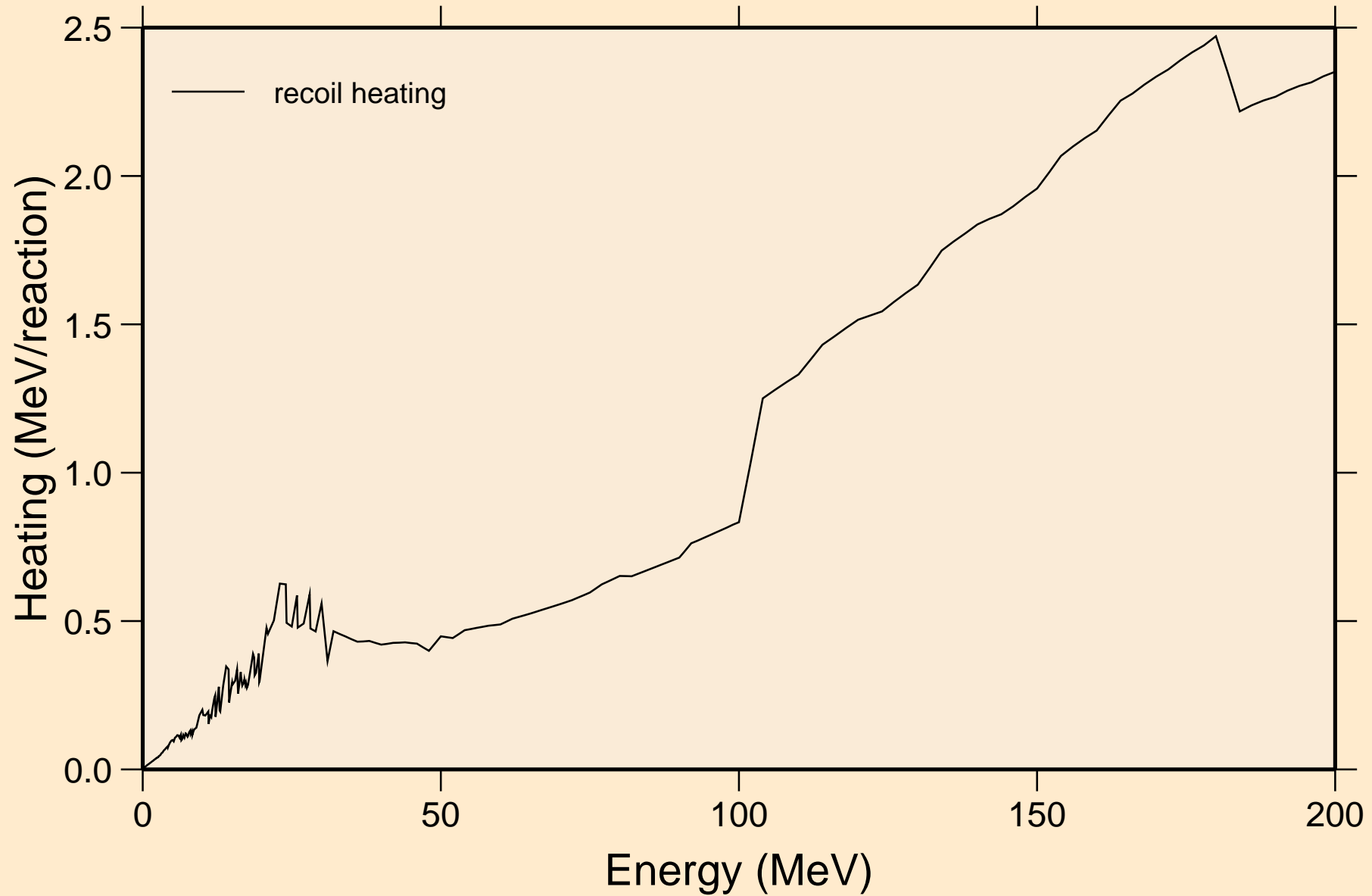


# SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

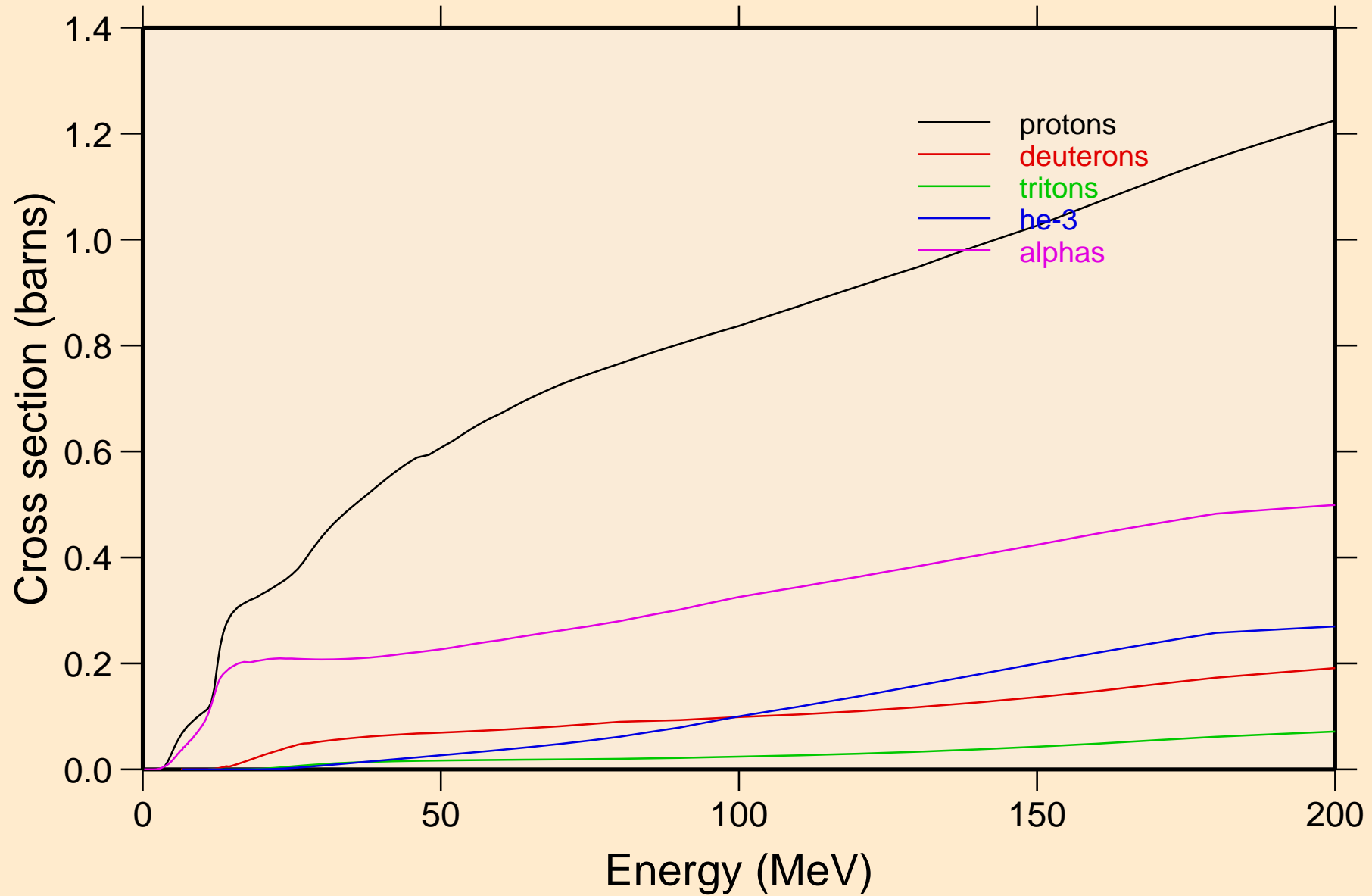
## Particle heating contributions



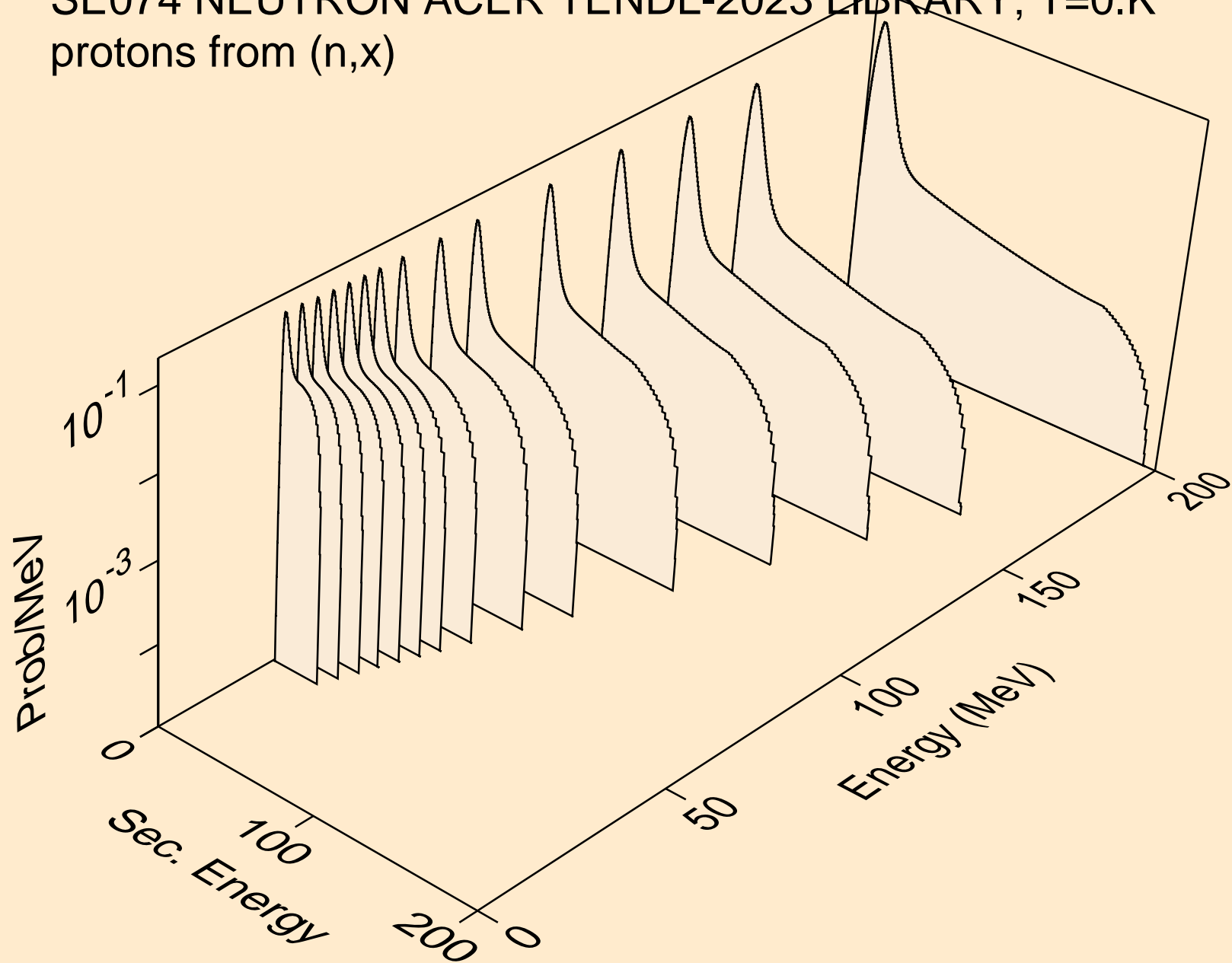
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

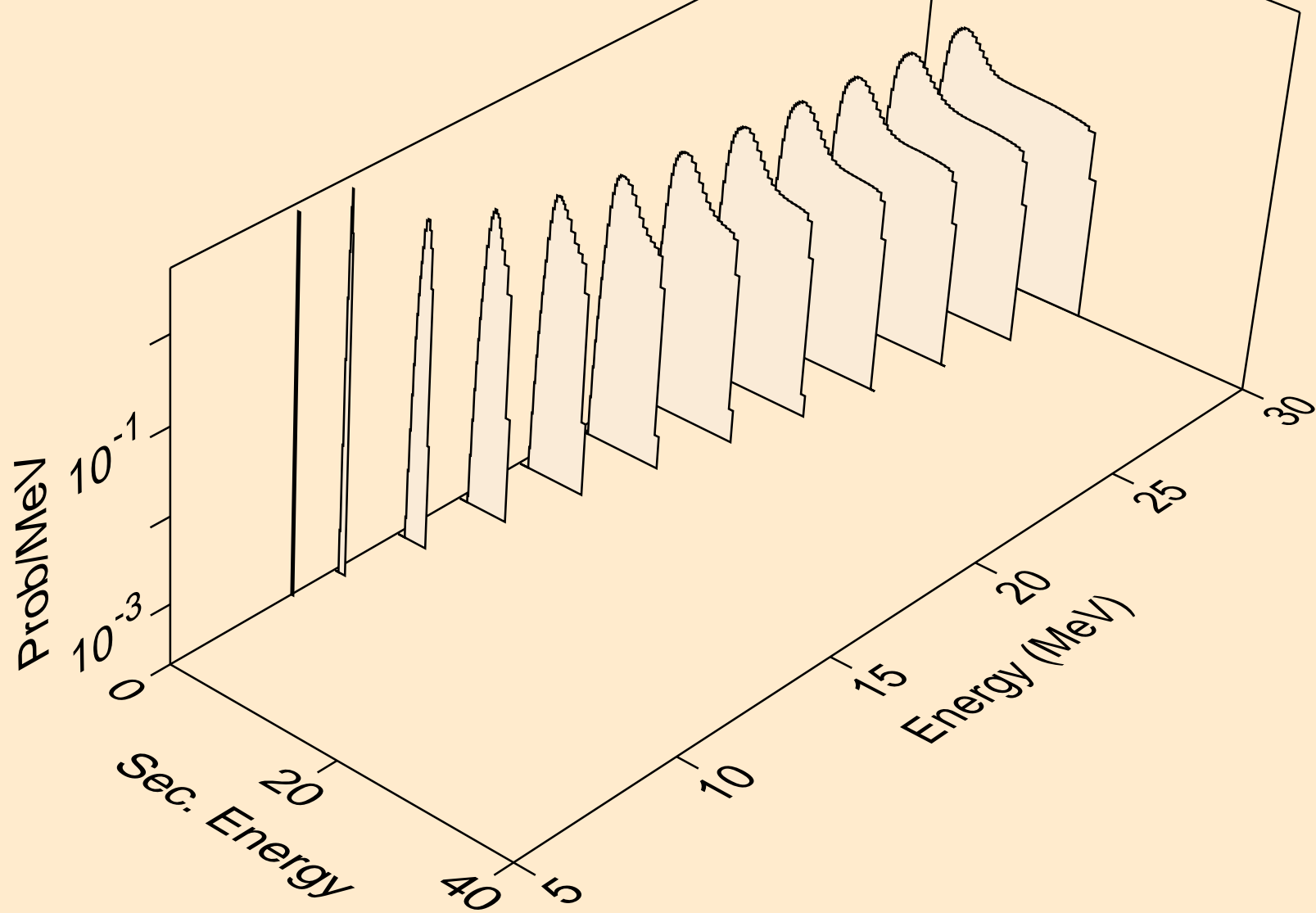


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

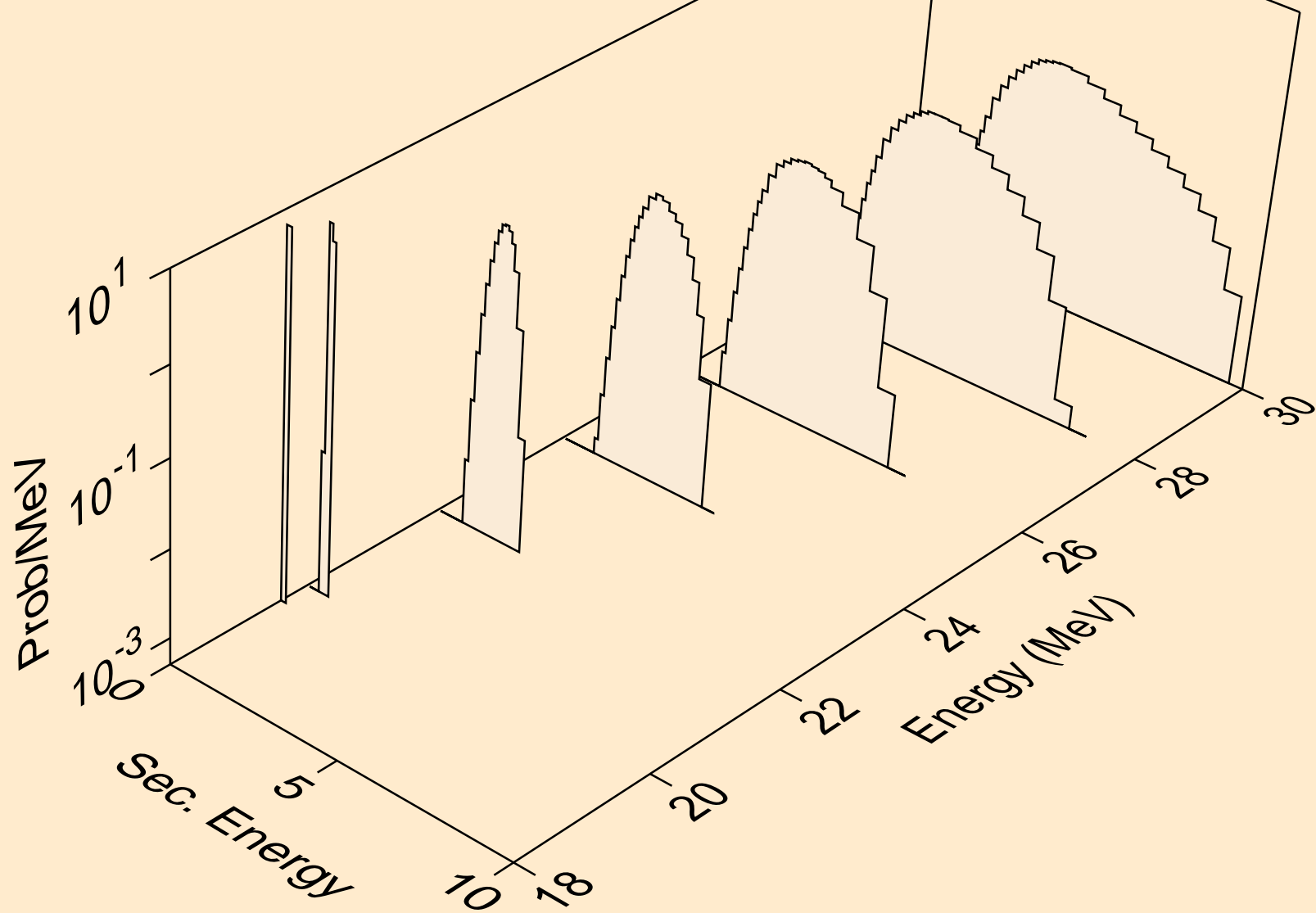




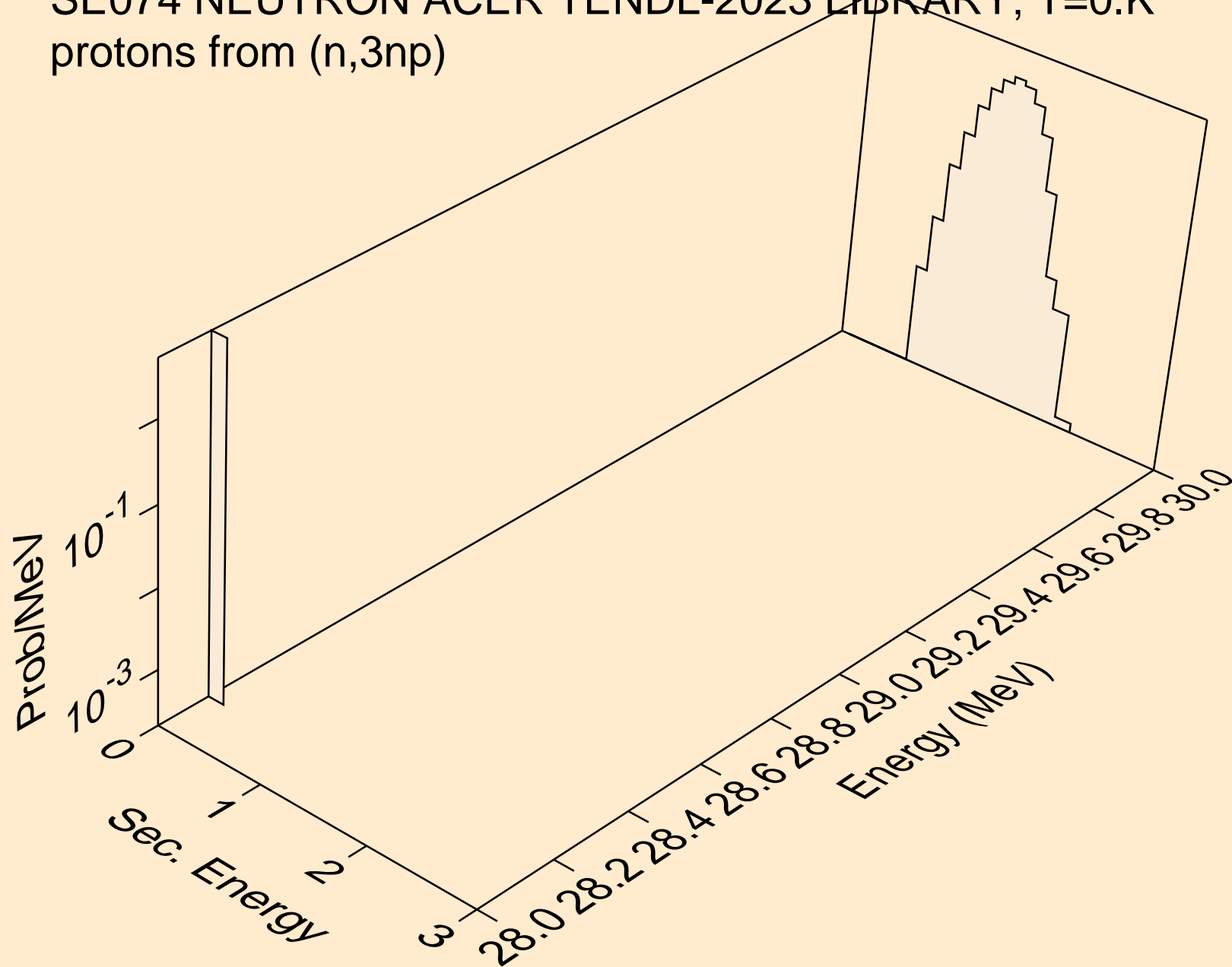
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



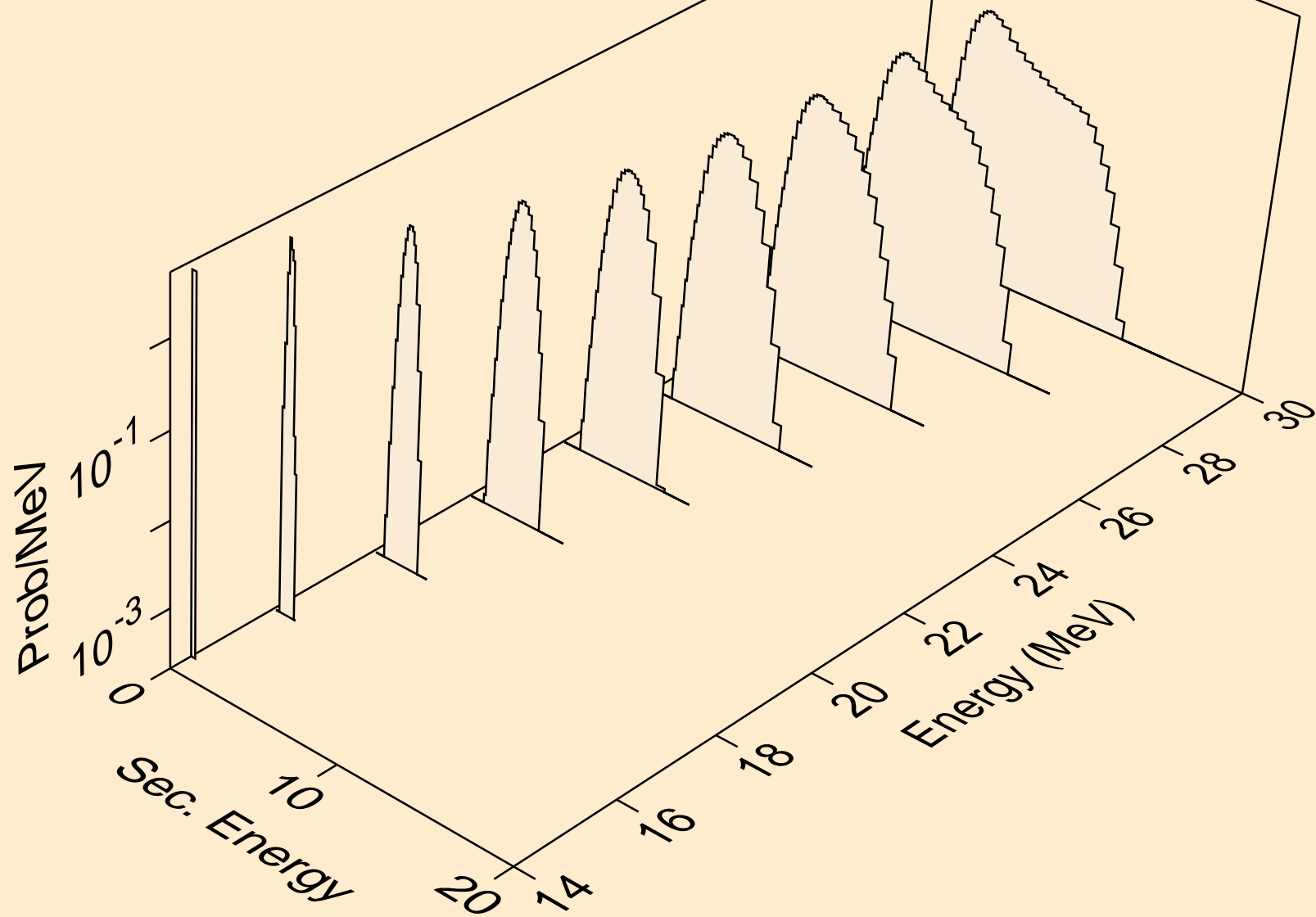
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protons from (n,2np)



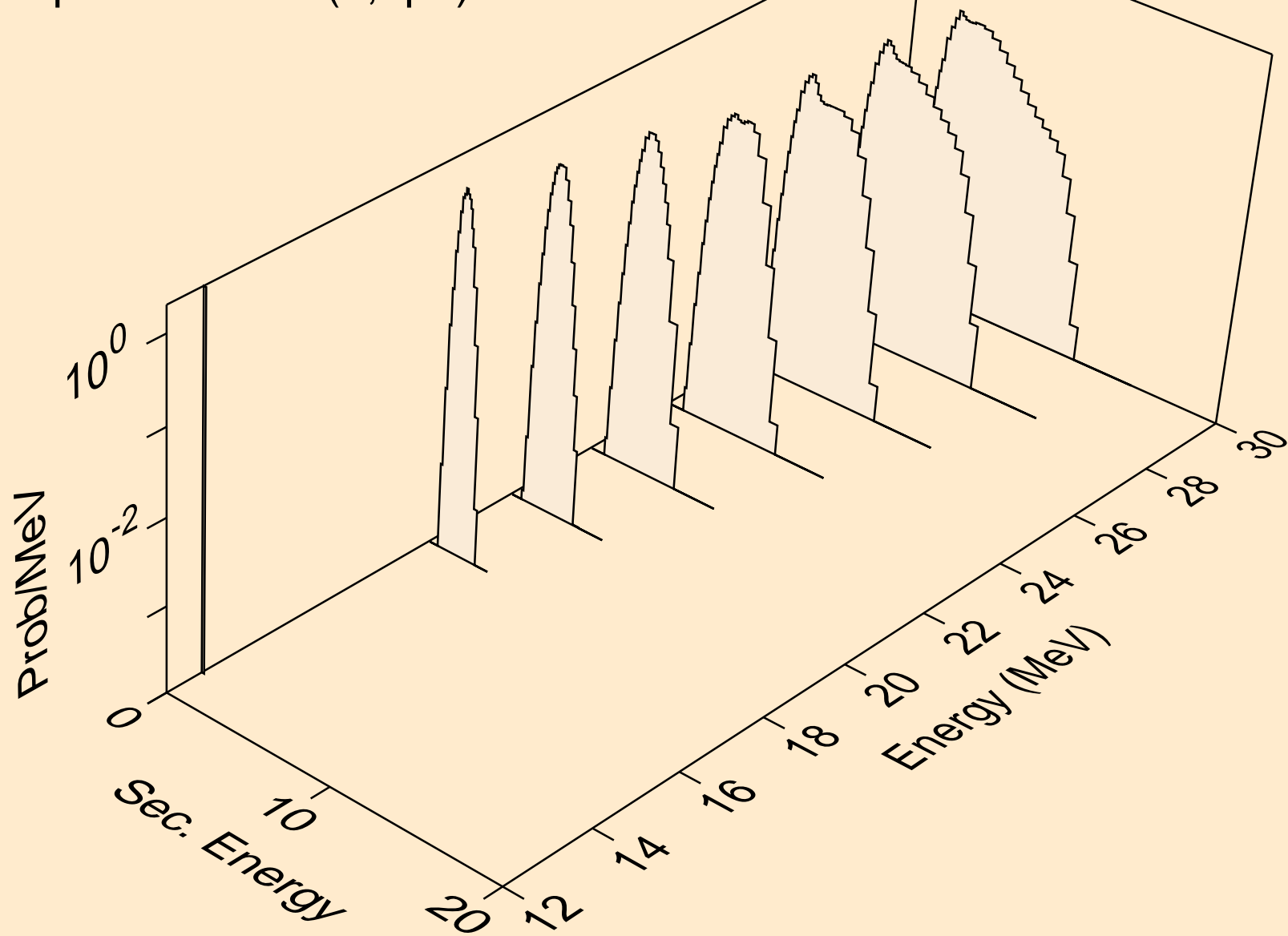
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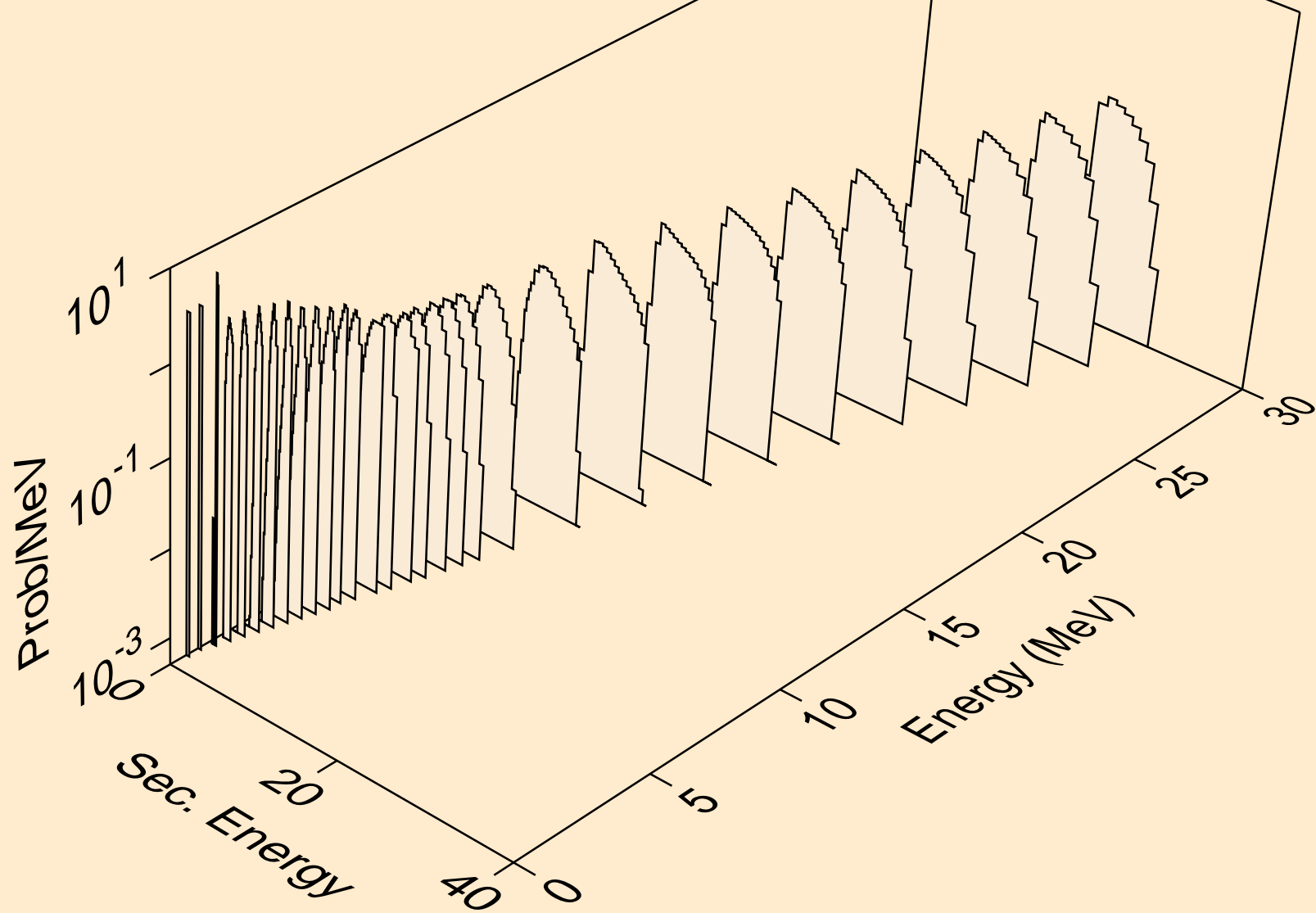
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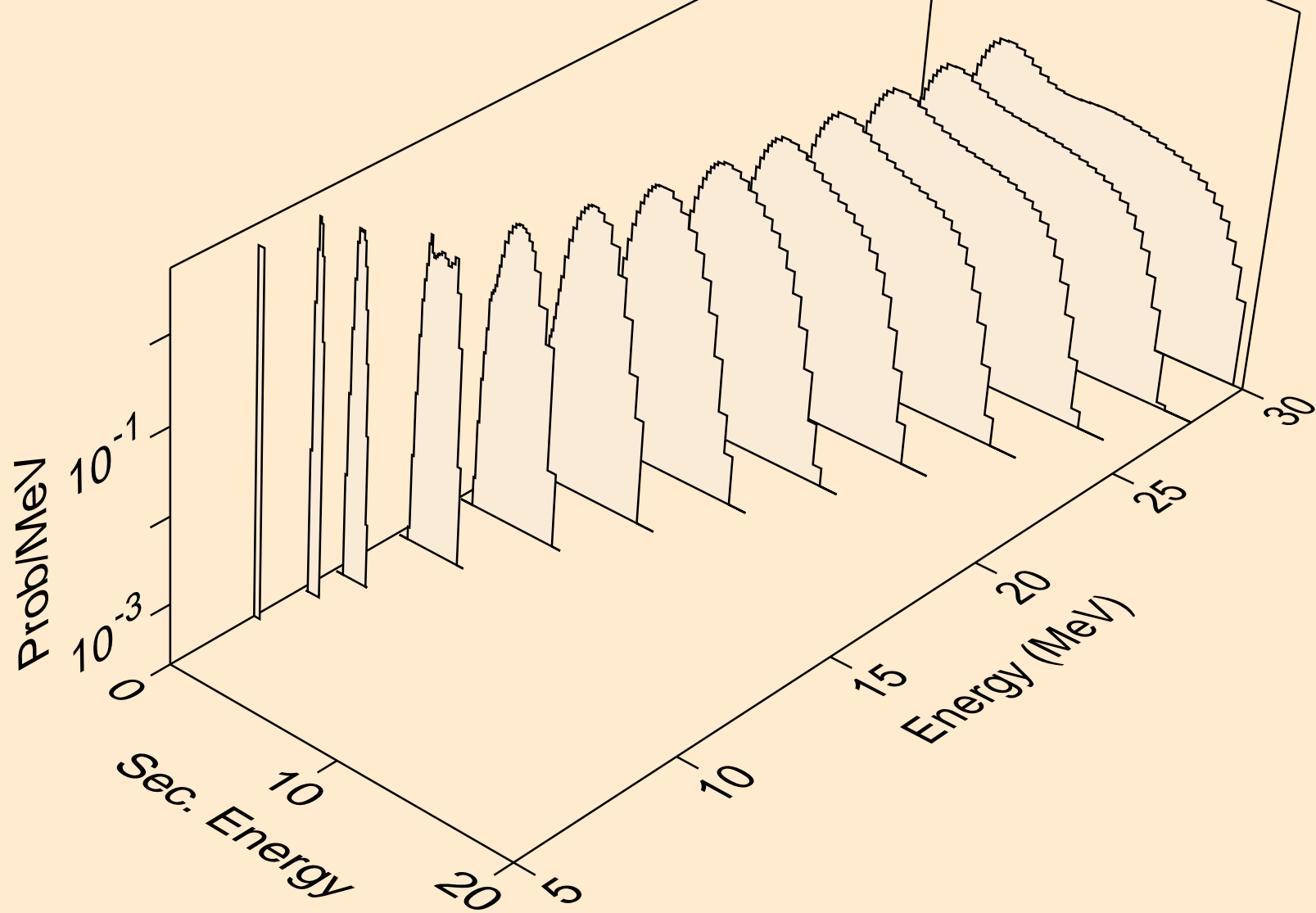
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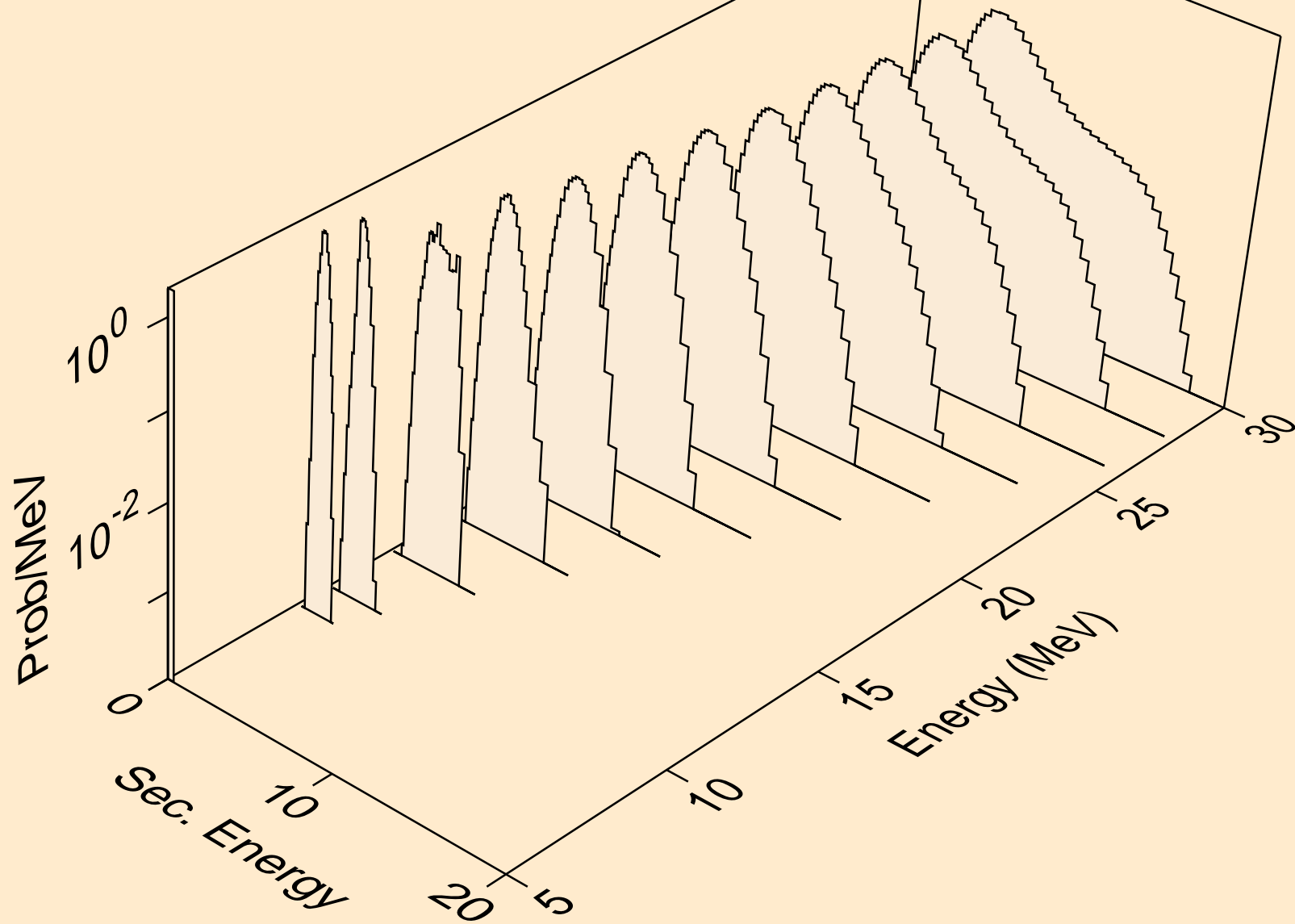
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protons from (n,p)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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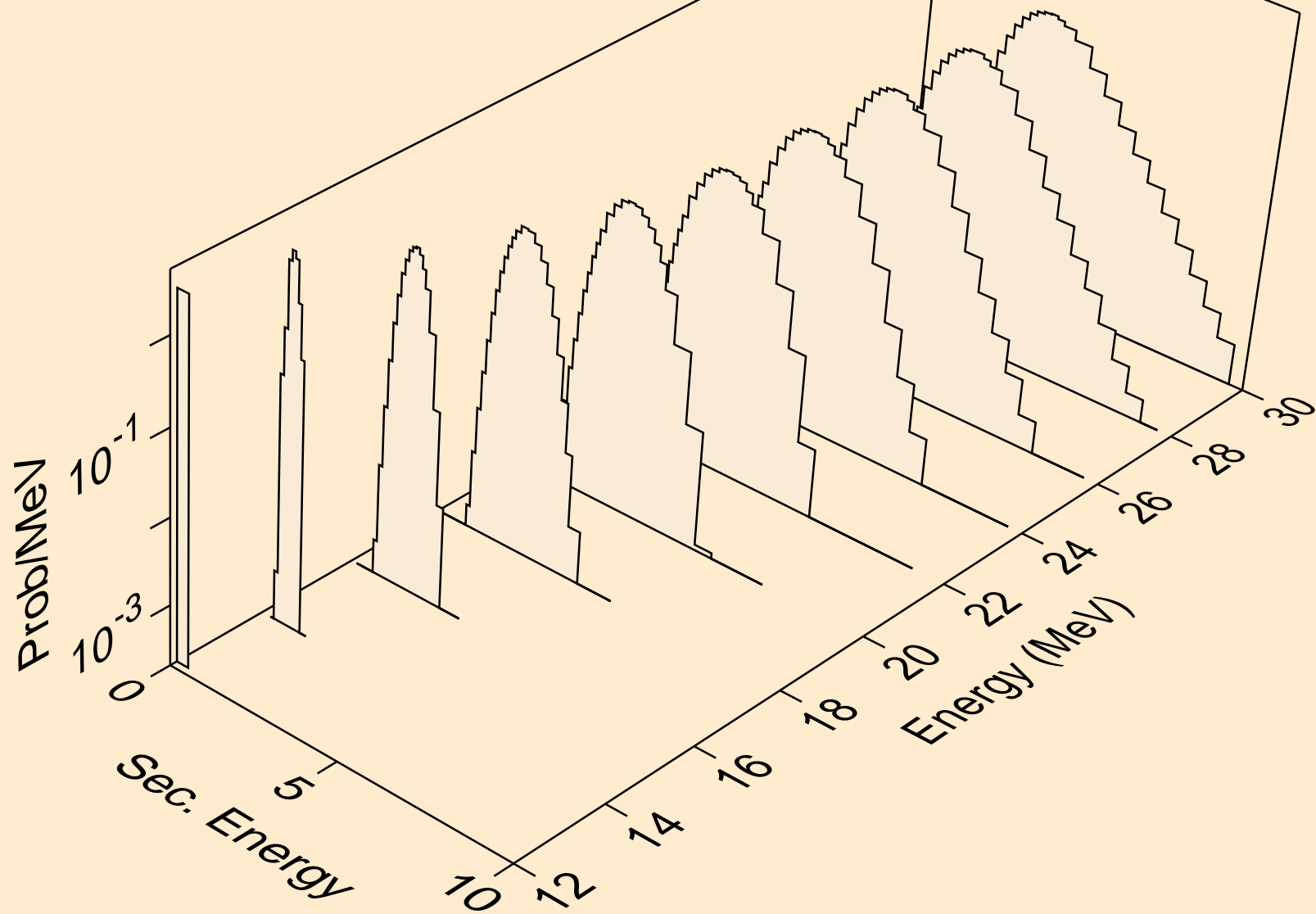


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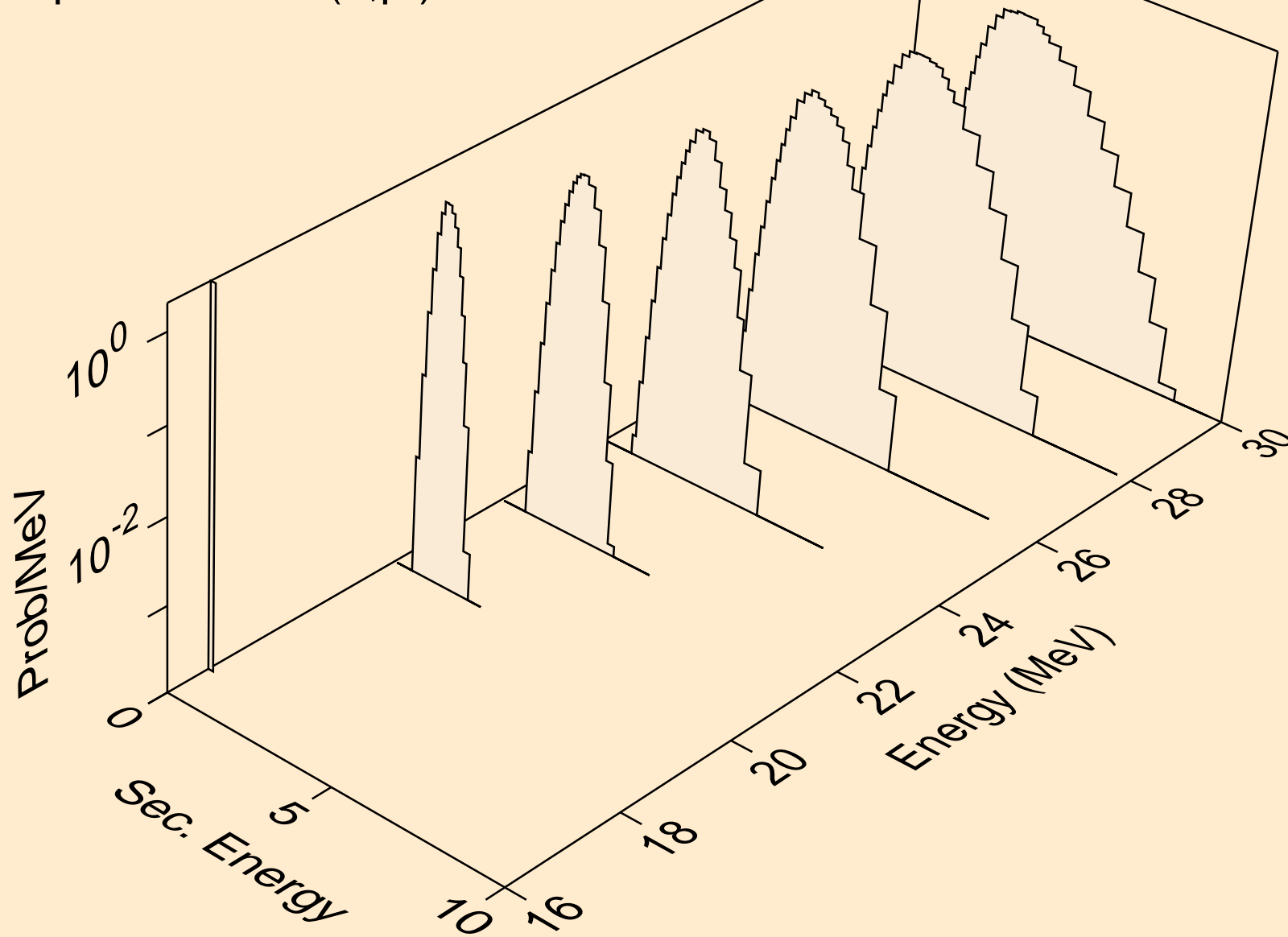




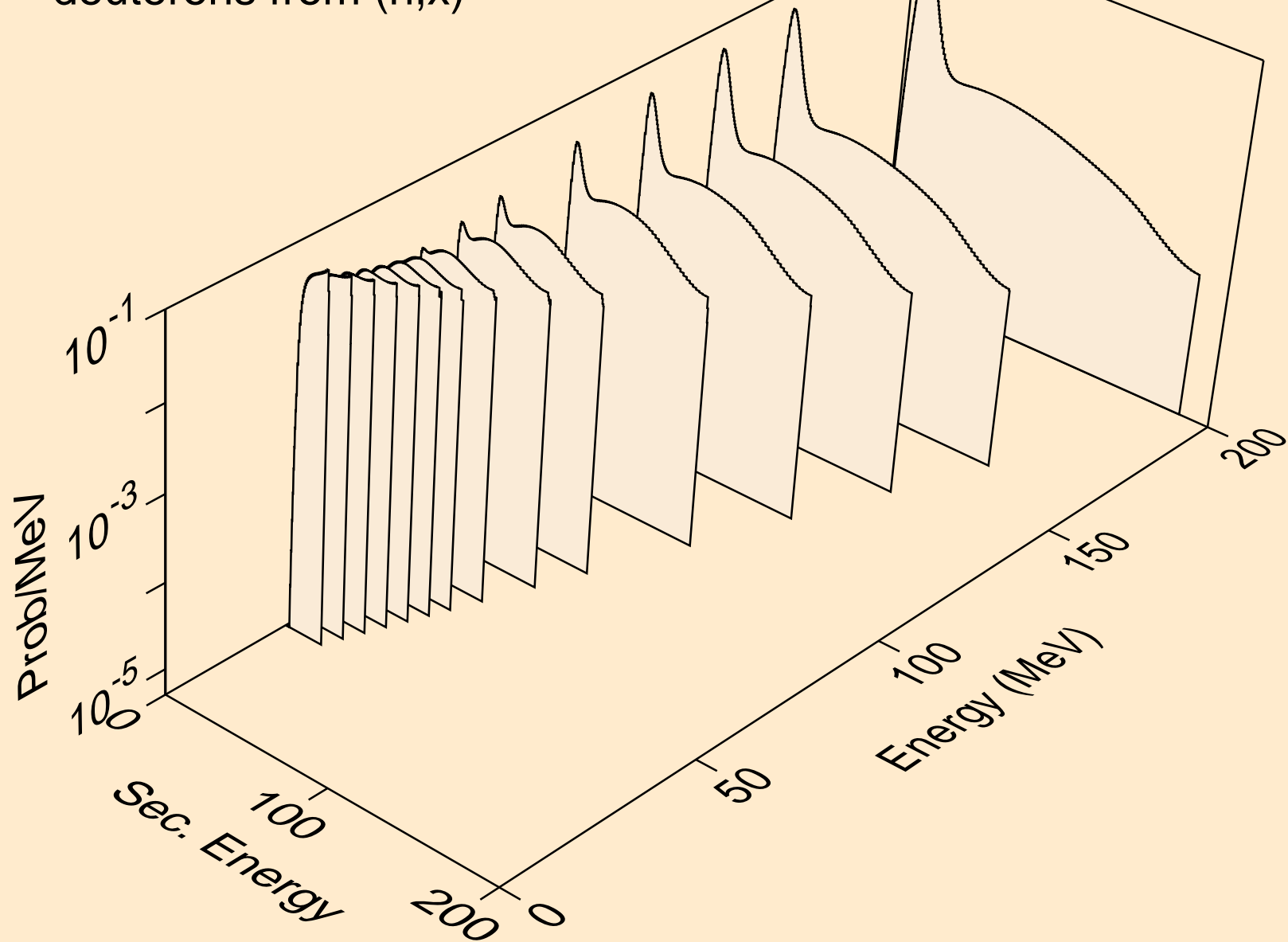
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protons from (n,pd)



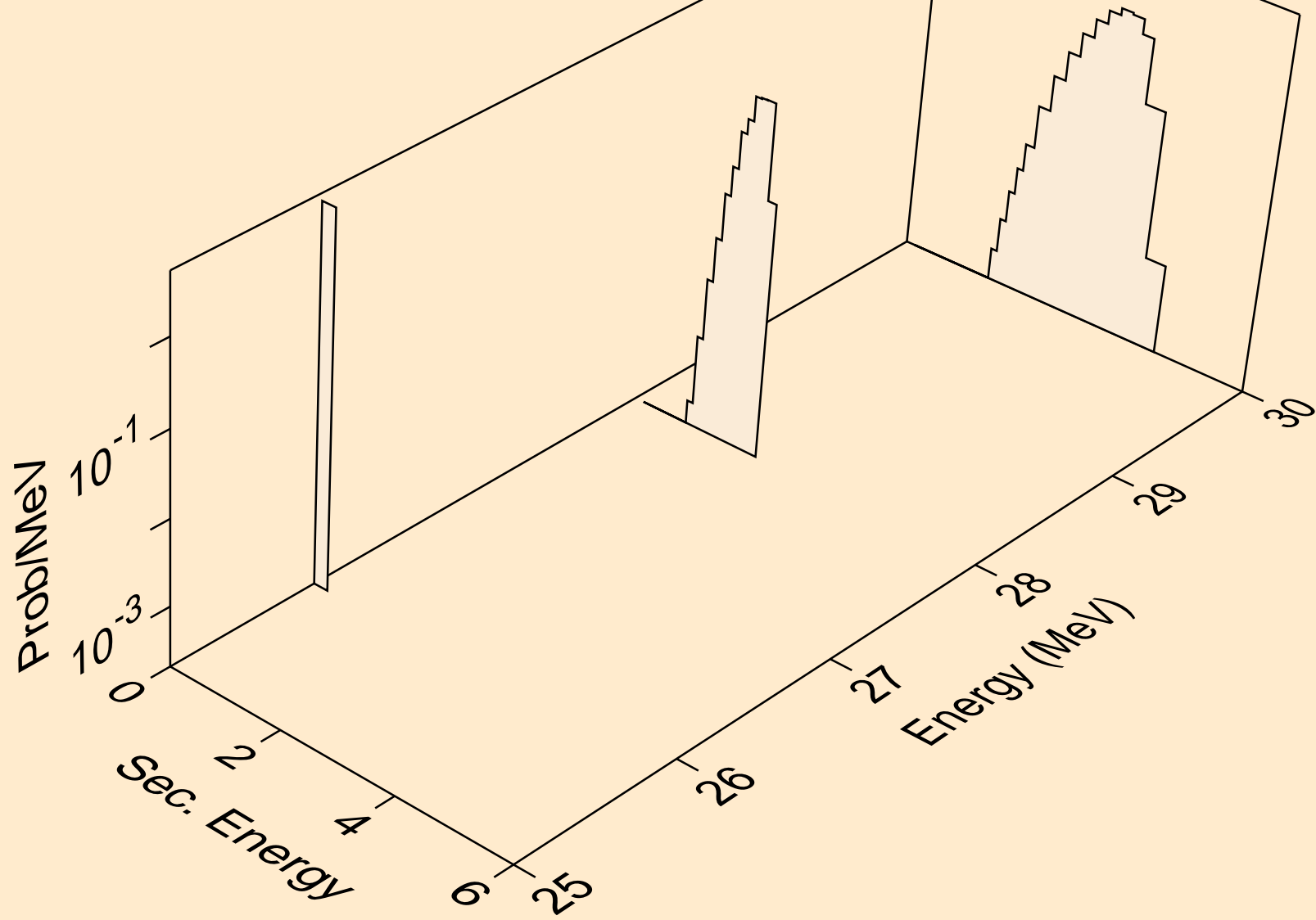
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protons from (n,pt)



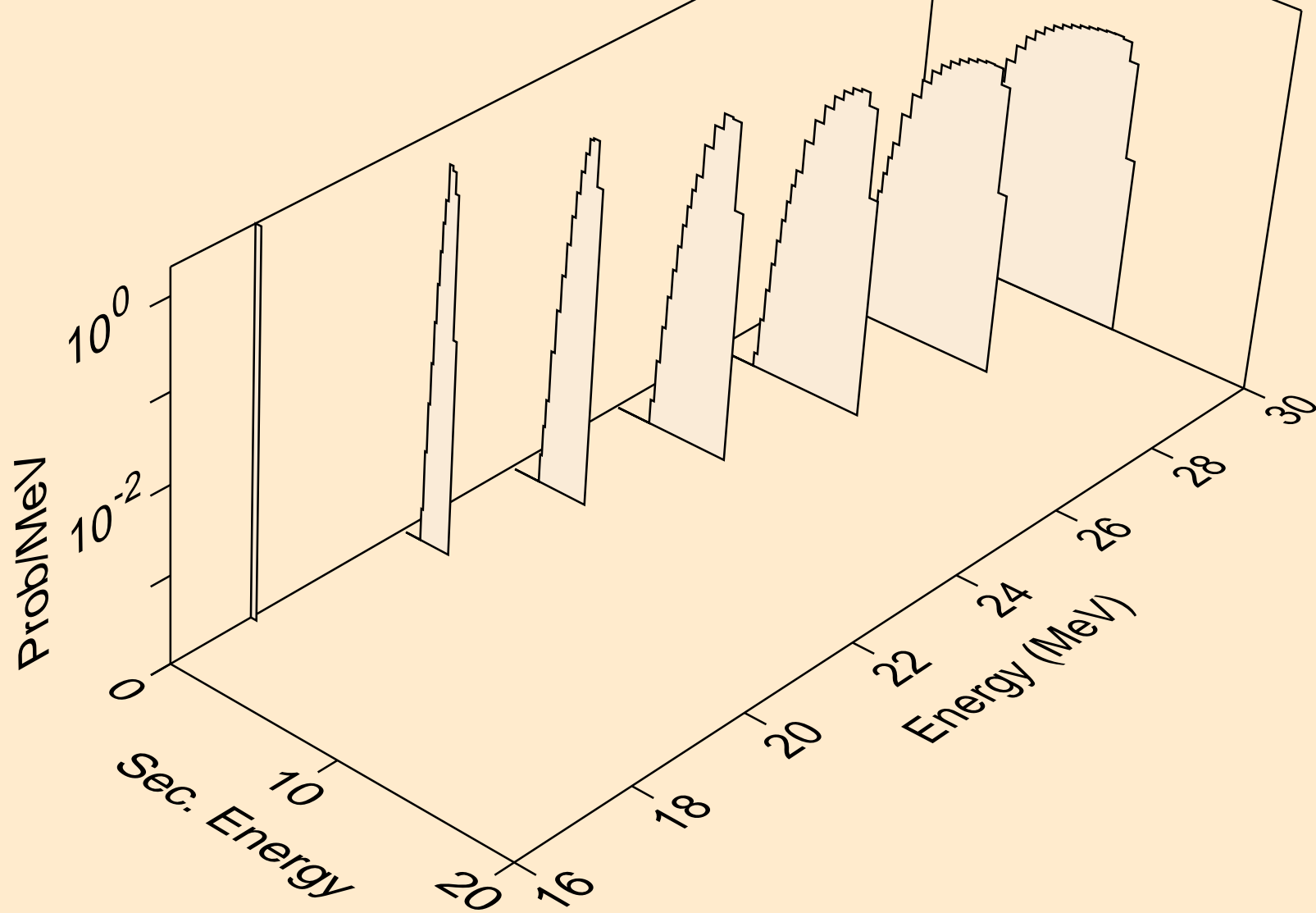
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deuterons from (n,x)



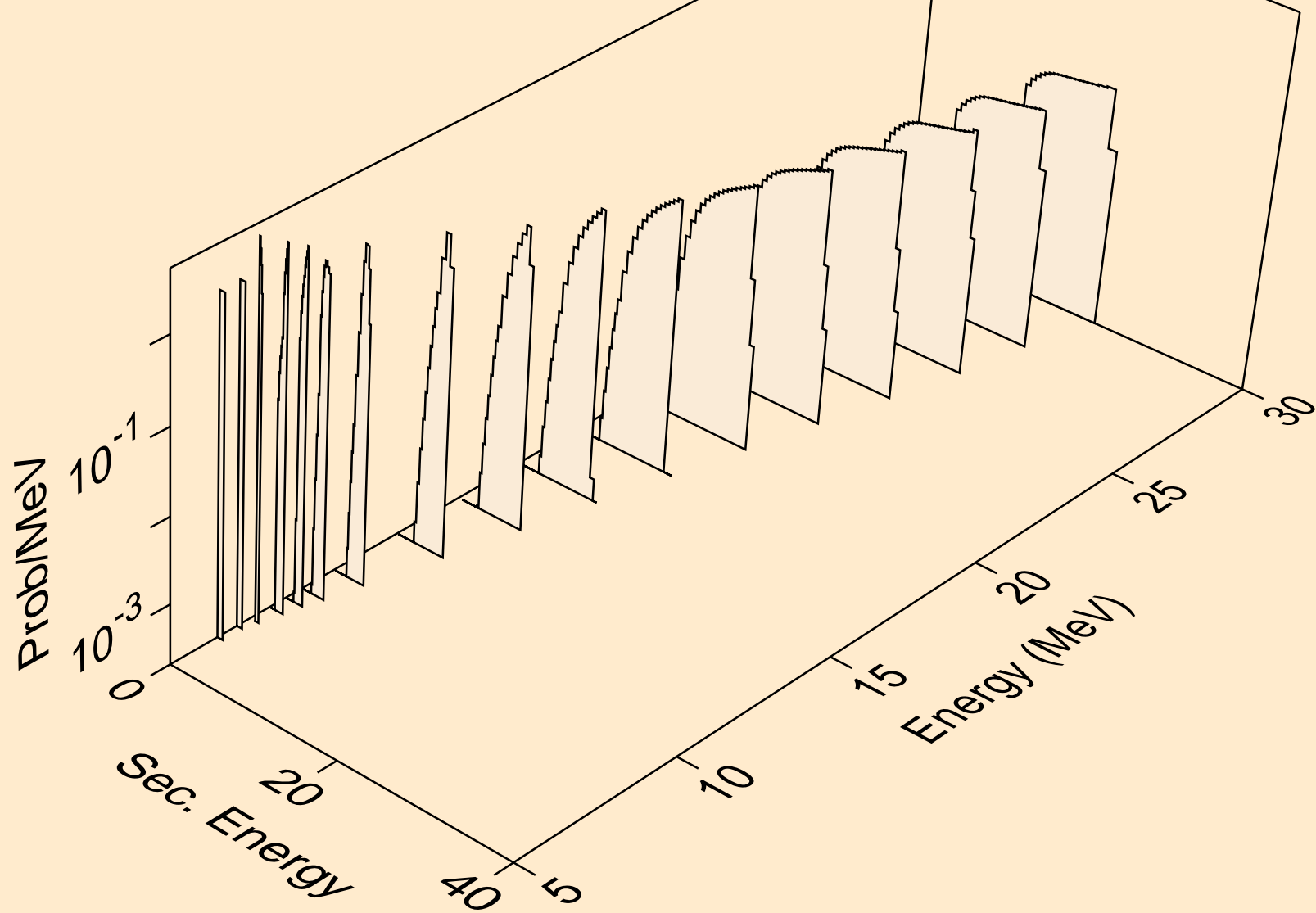
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deuterons from (n,2nd)



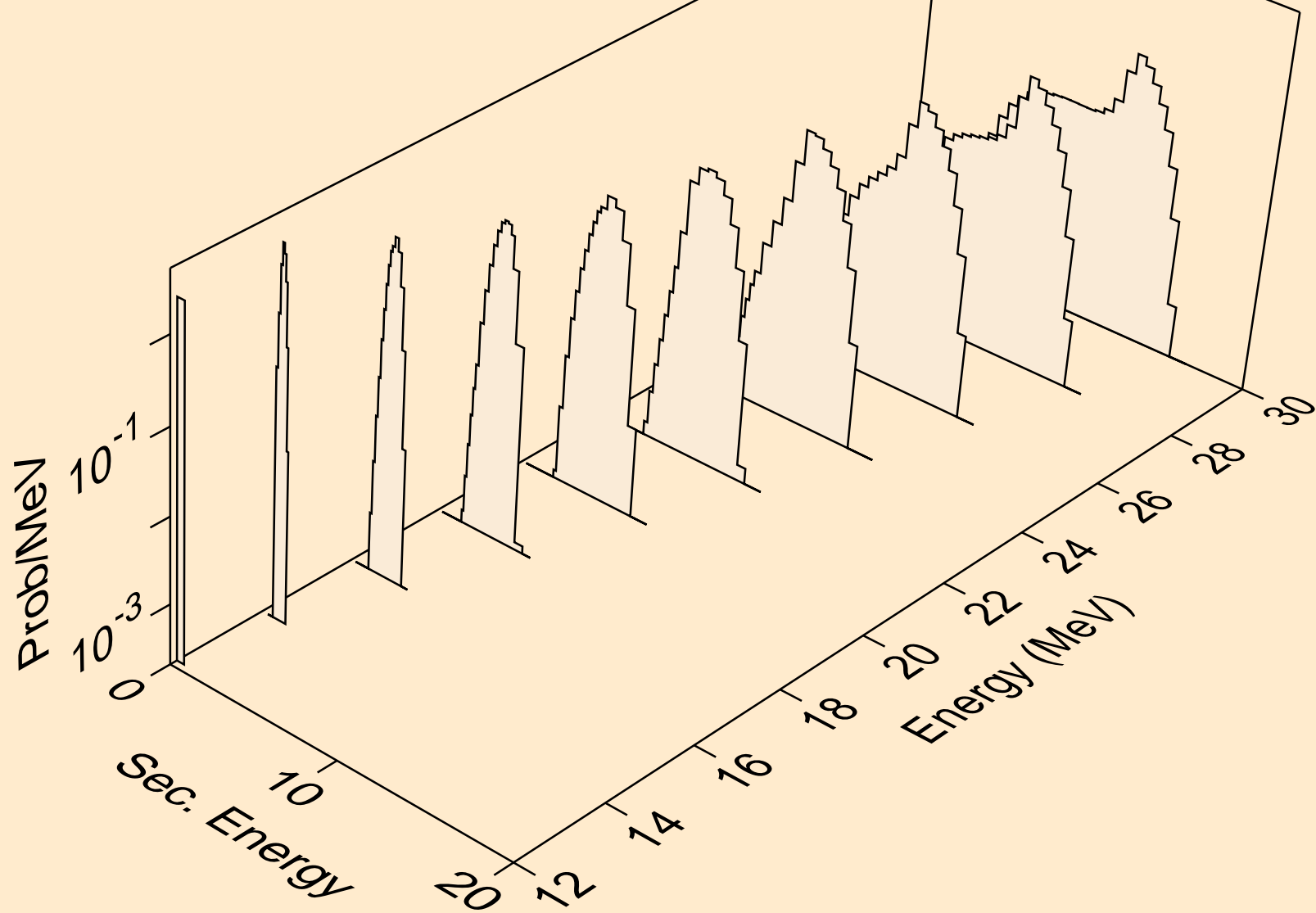
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deuterons from (n,n\*)d



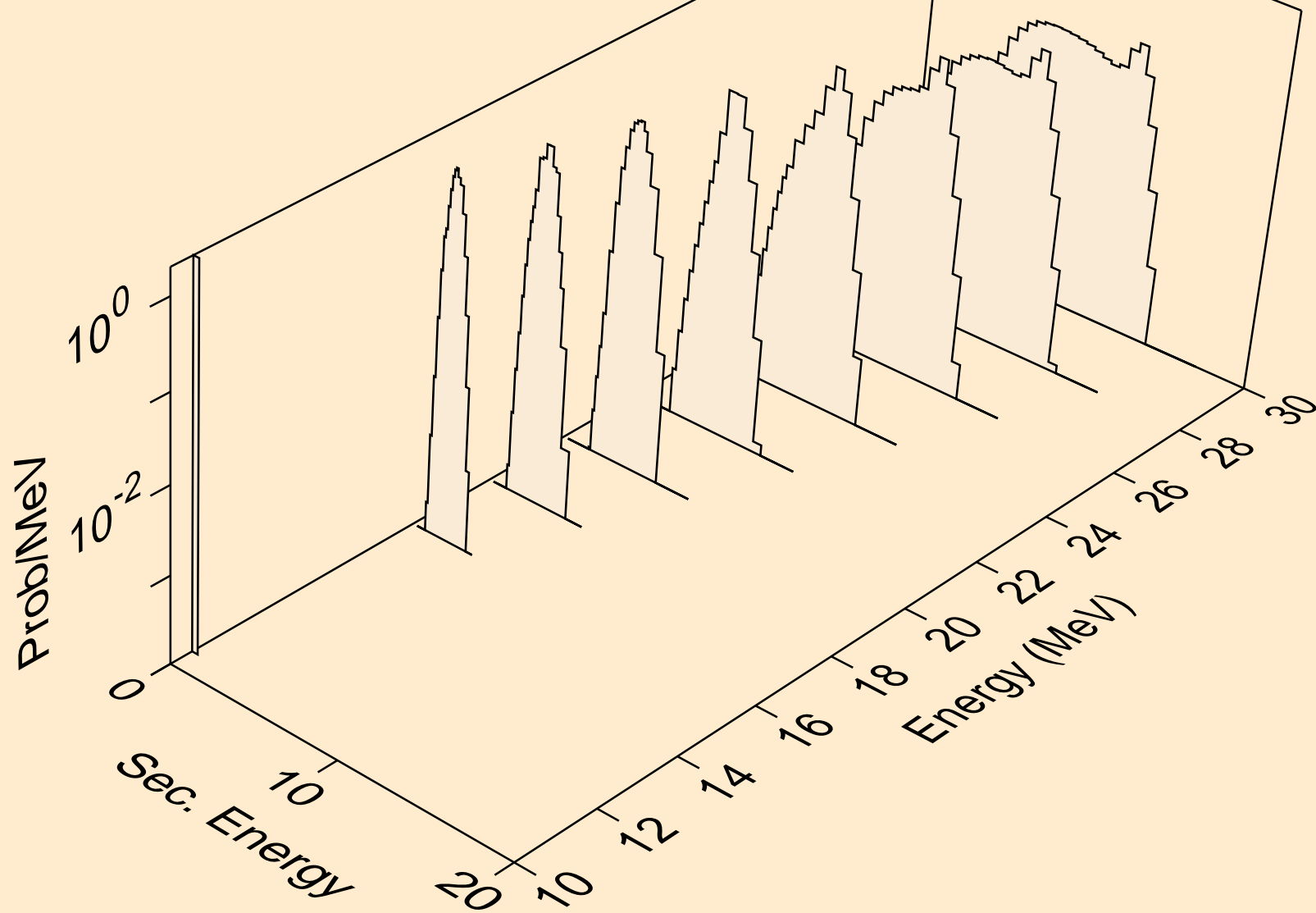
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deuterons from (n,d)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

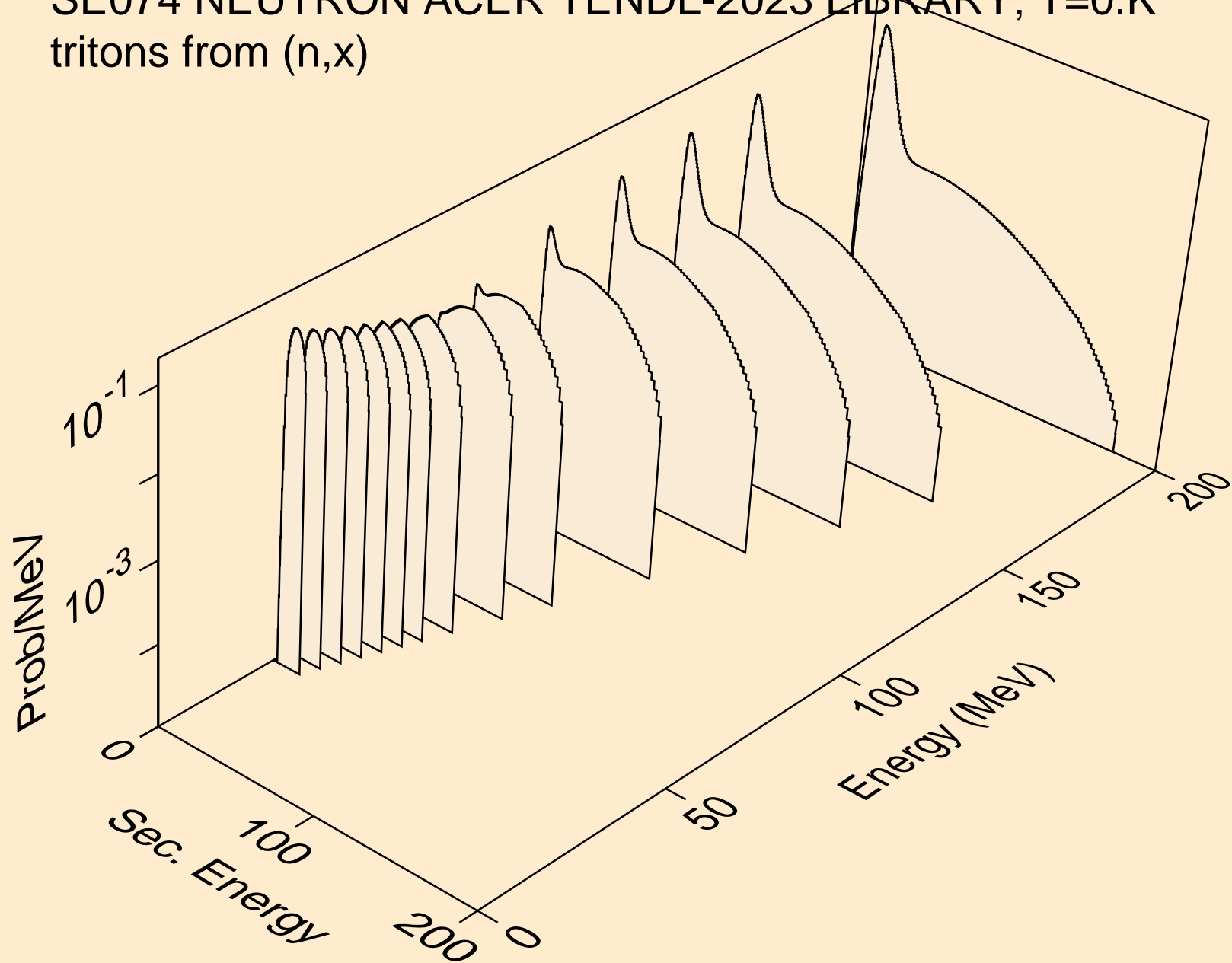


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deuterons from (n,da)

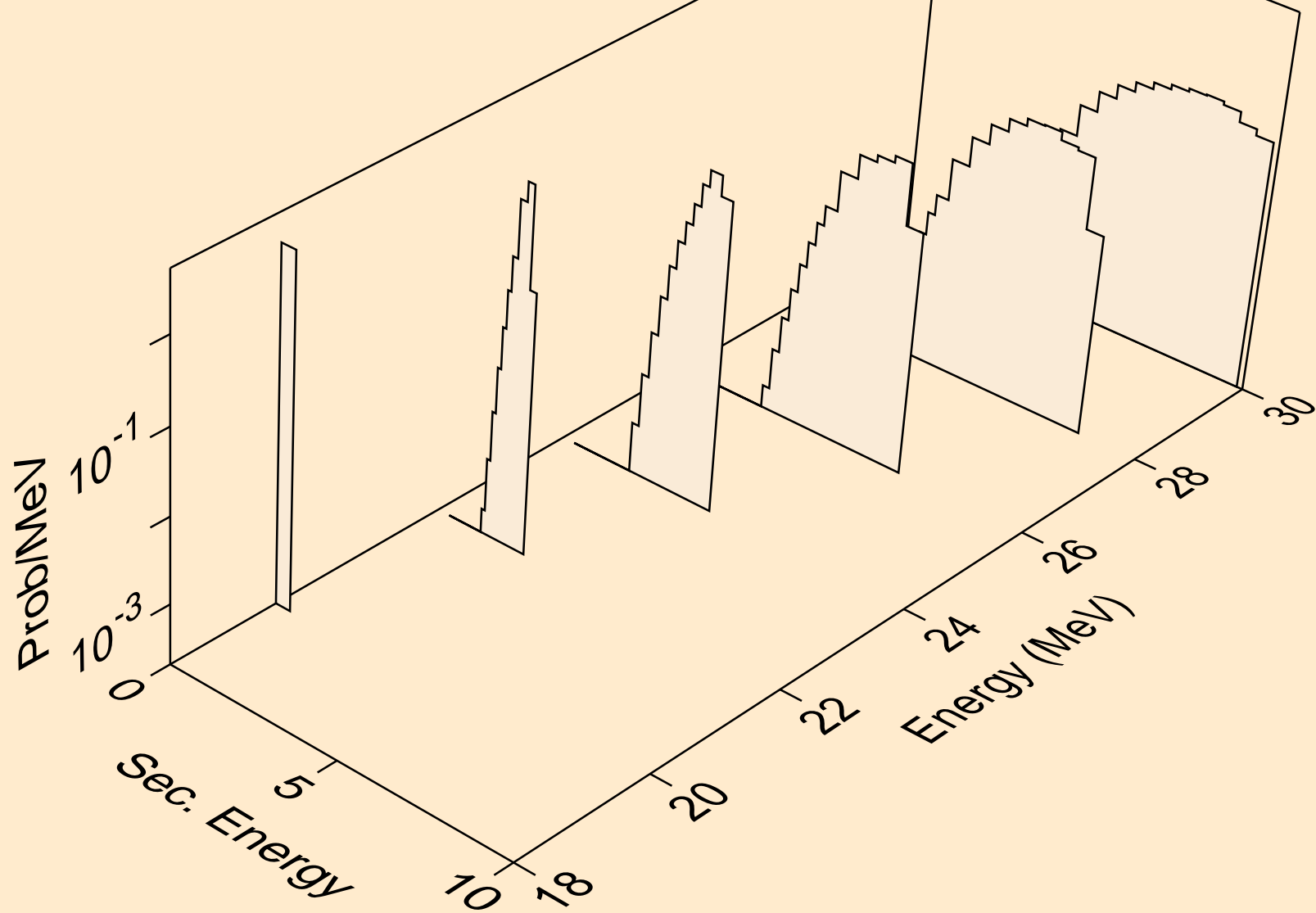




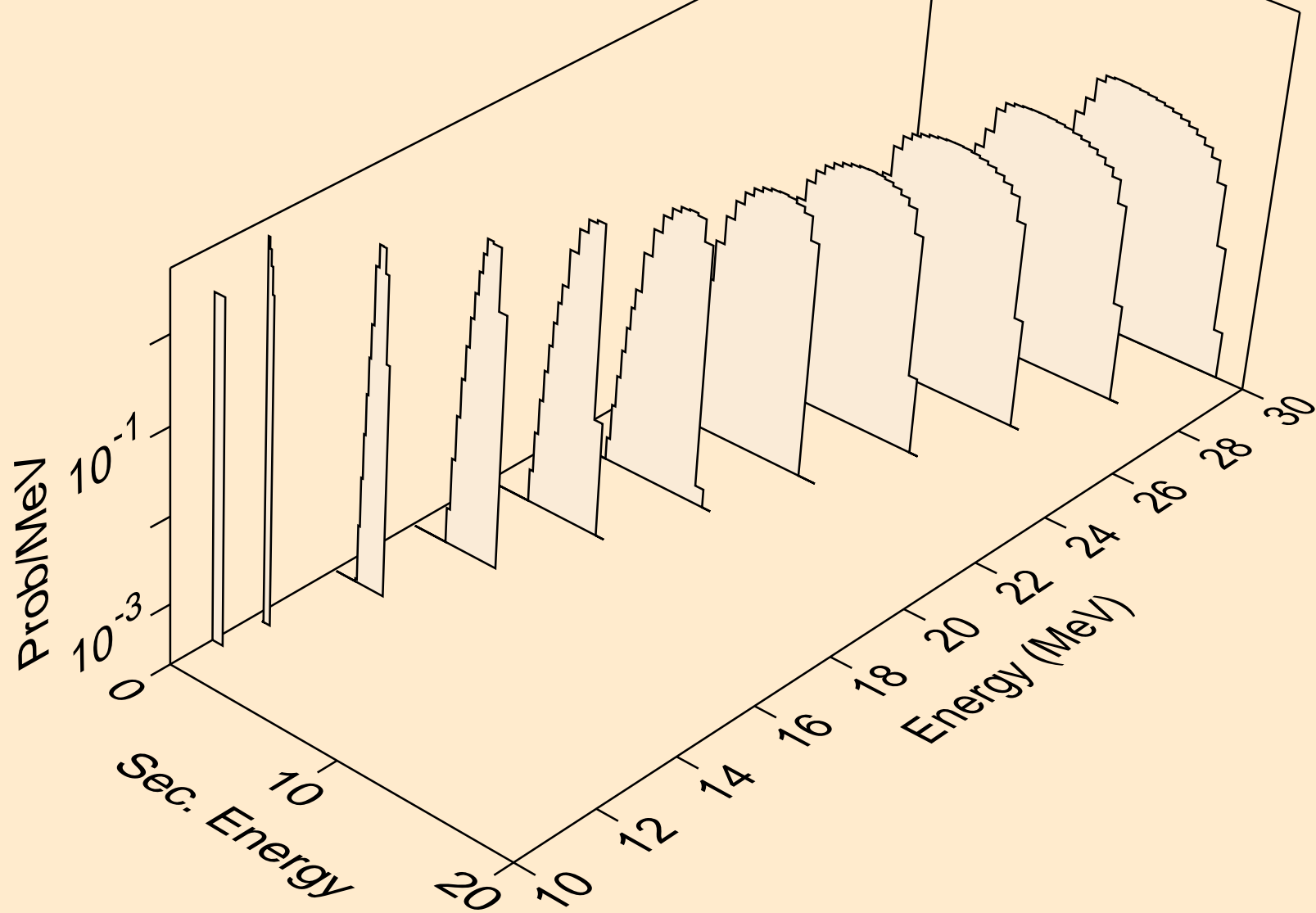
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tritons from (n,x)



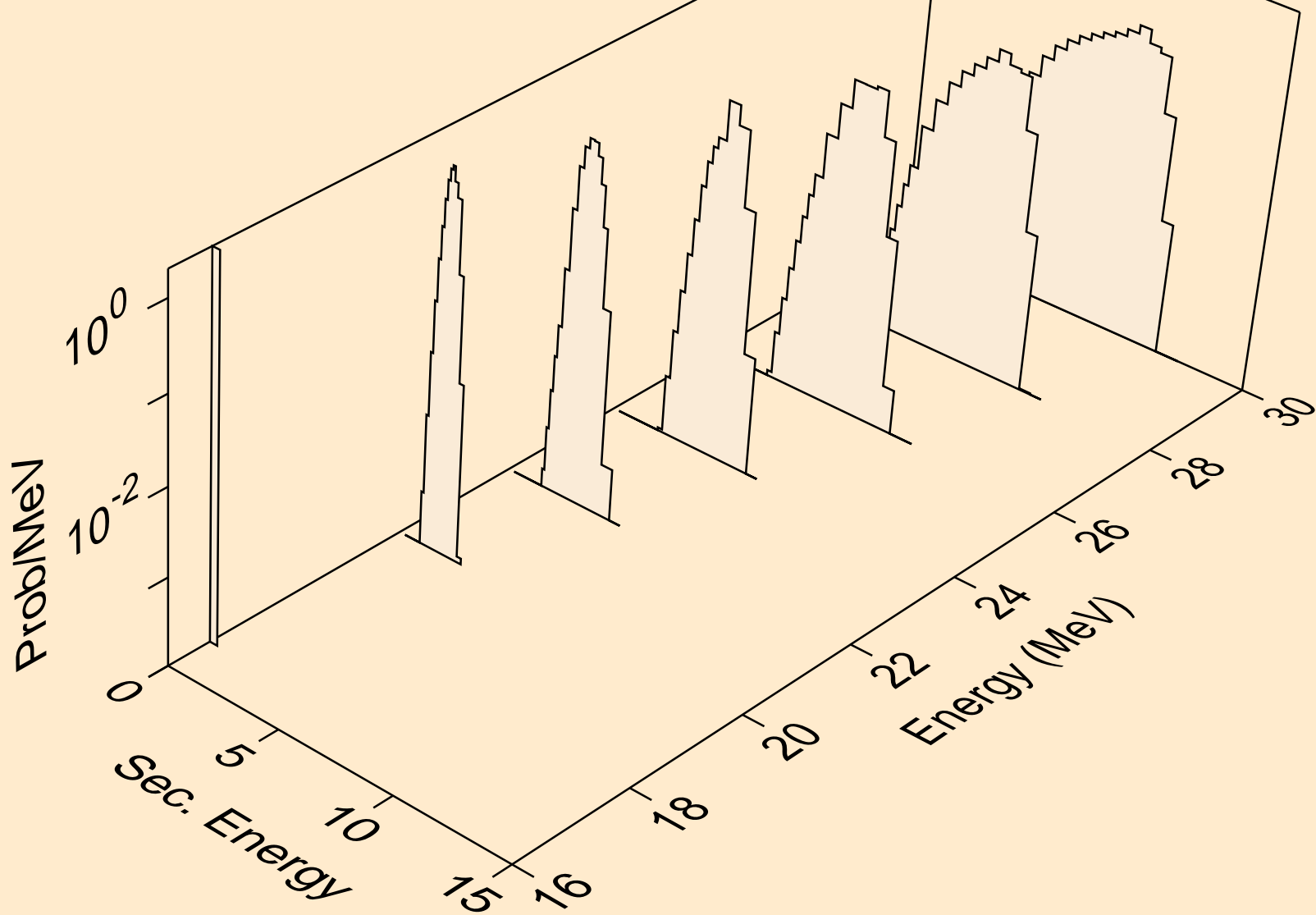
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tritons from (n,n\*)t



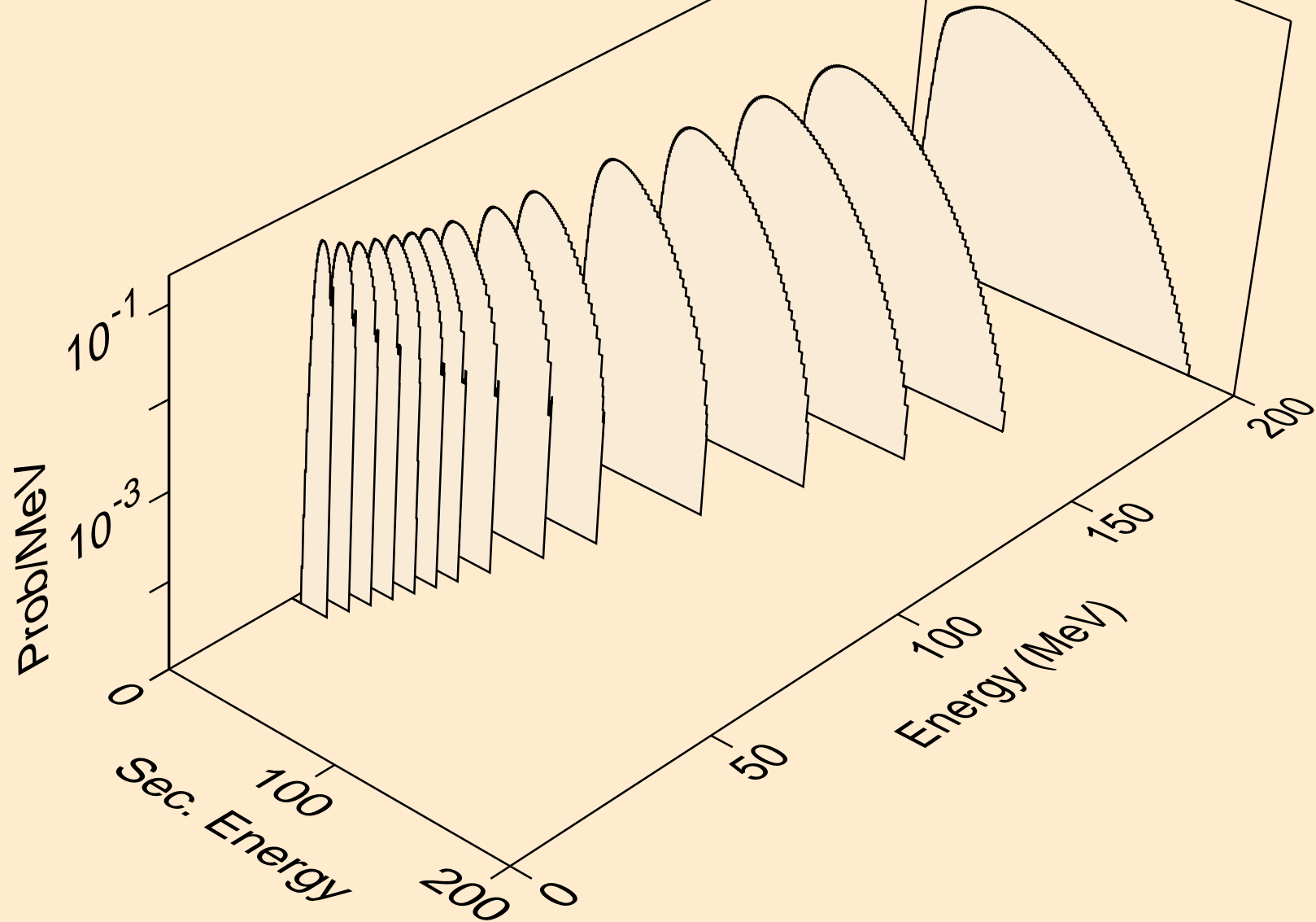
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tritons from (n,t)



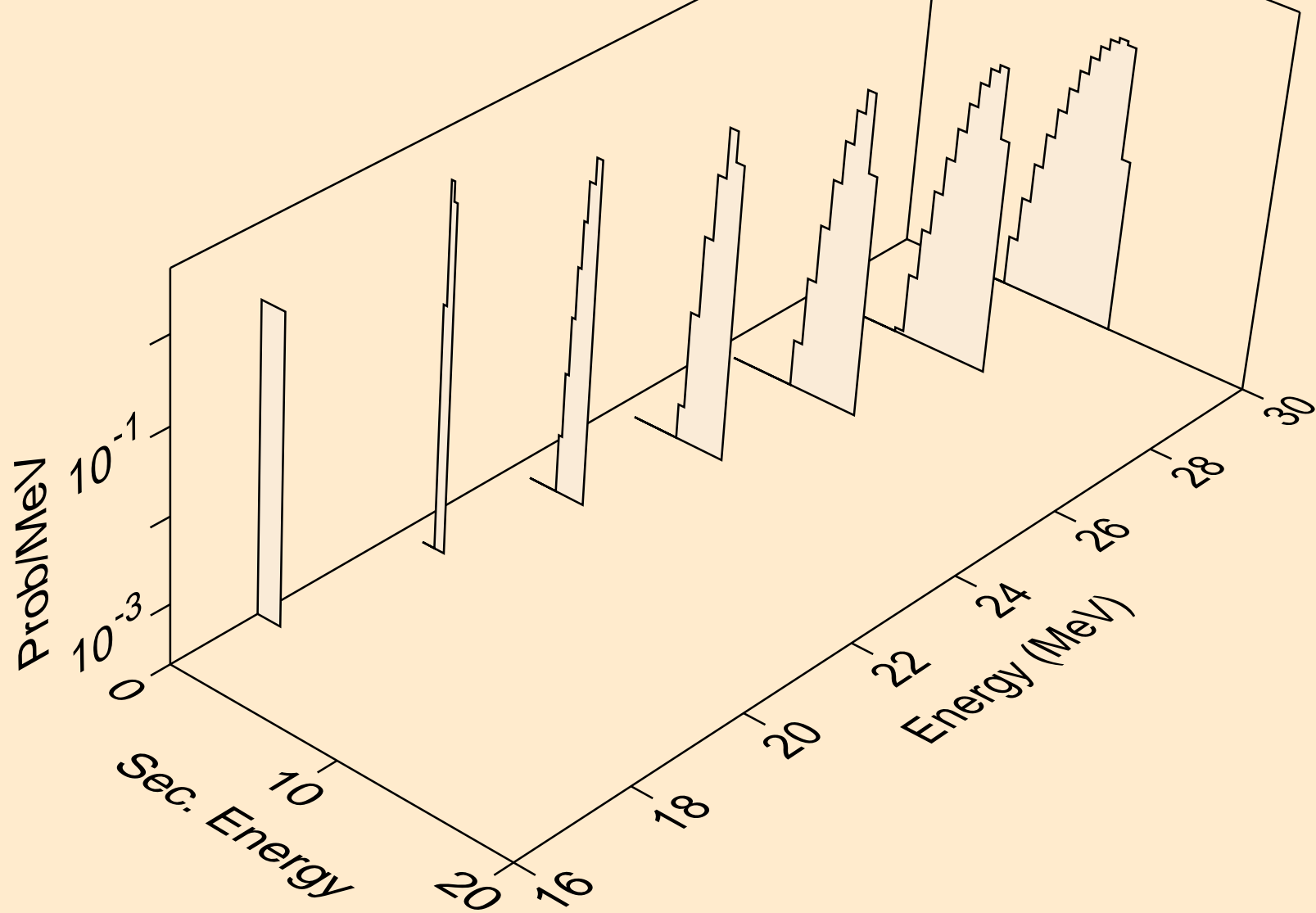
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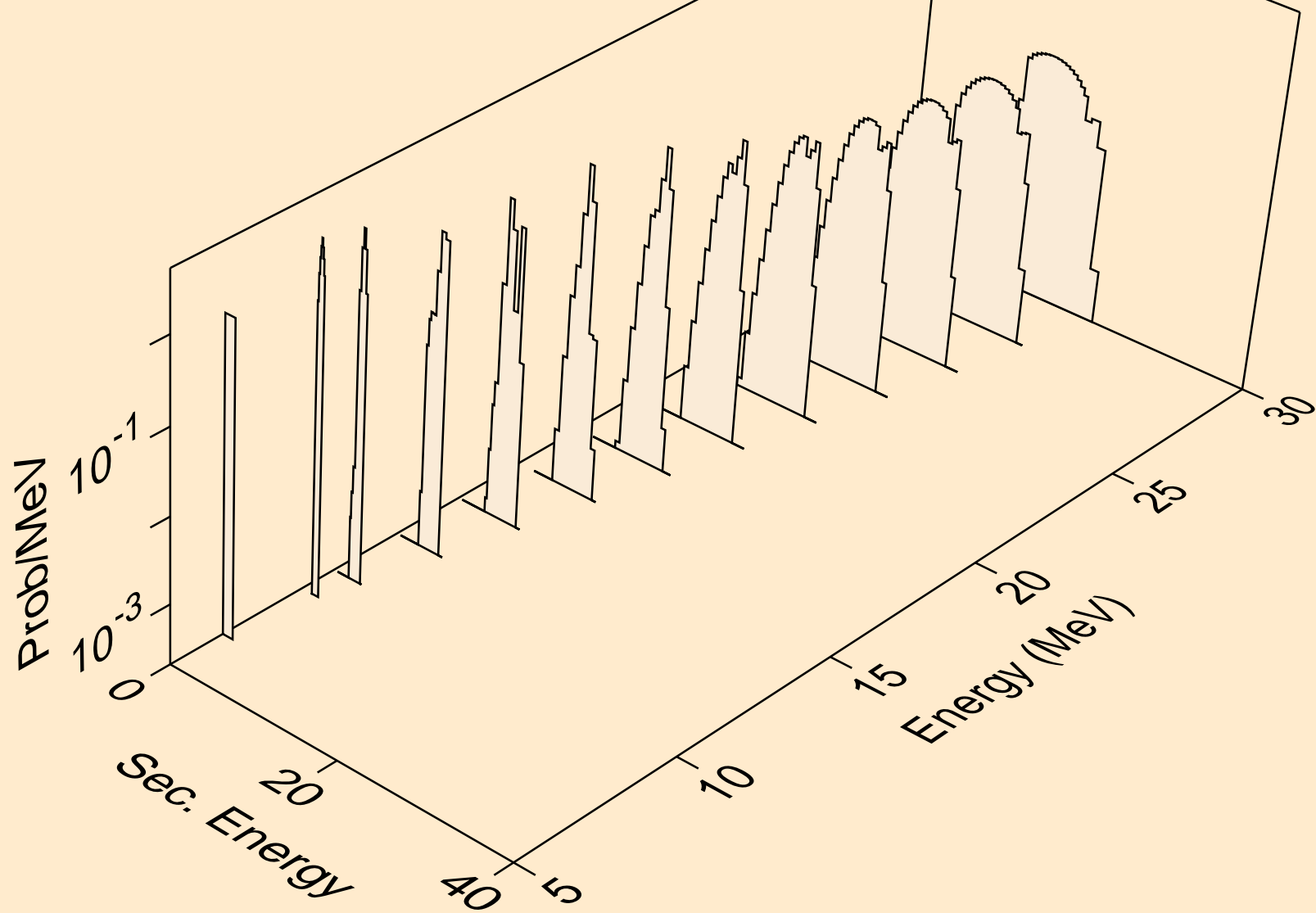
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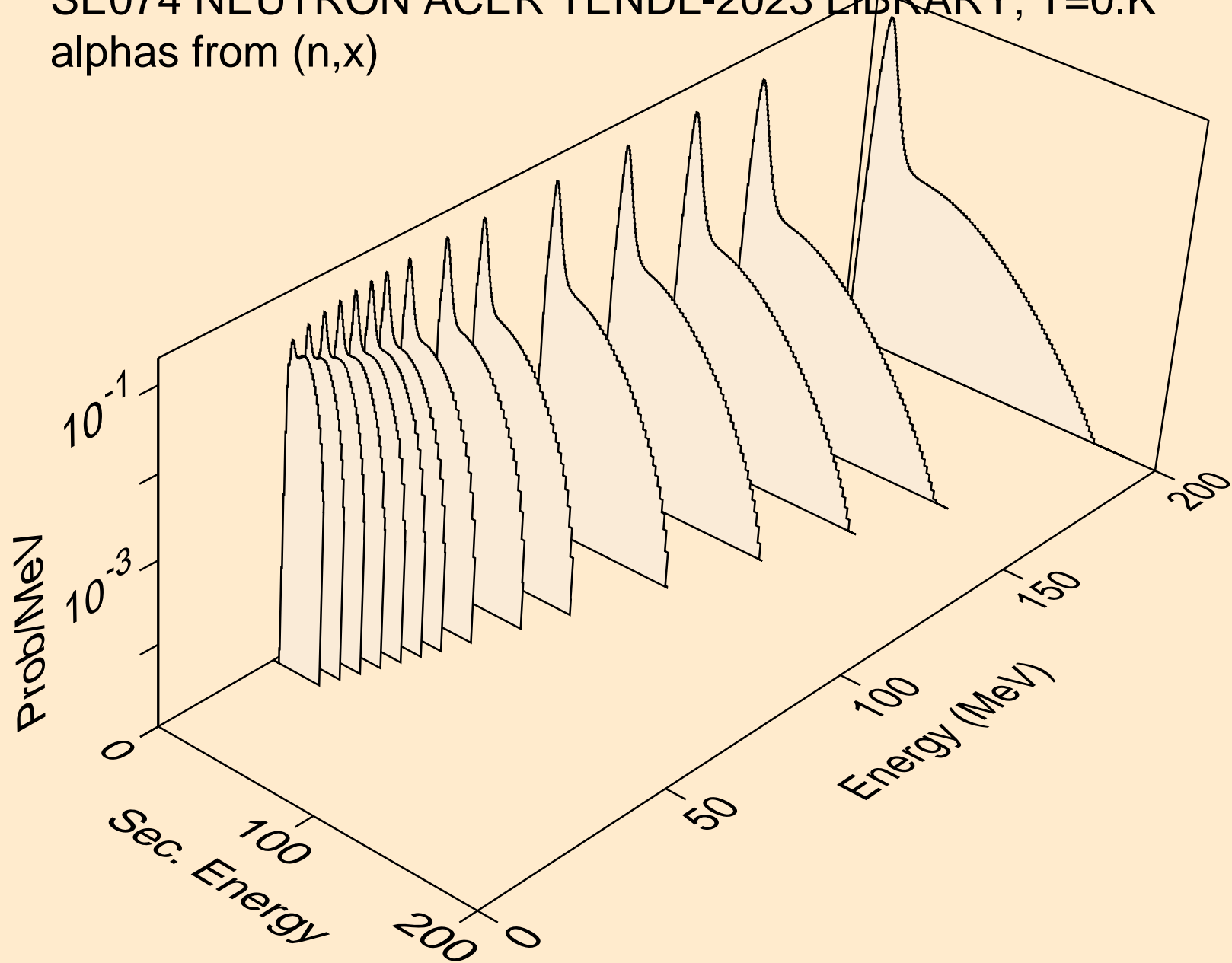
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

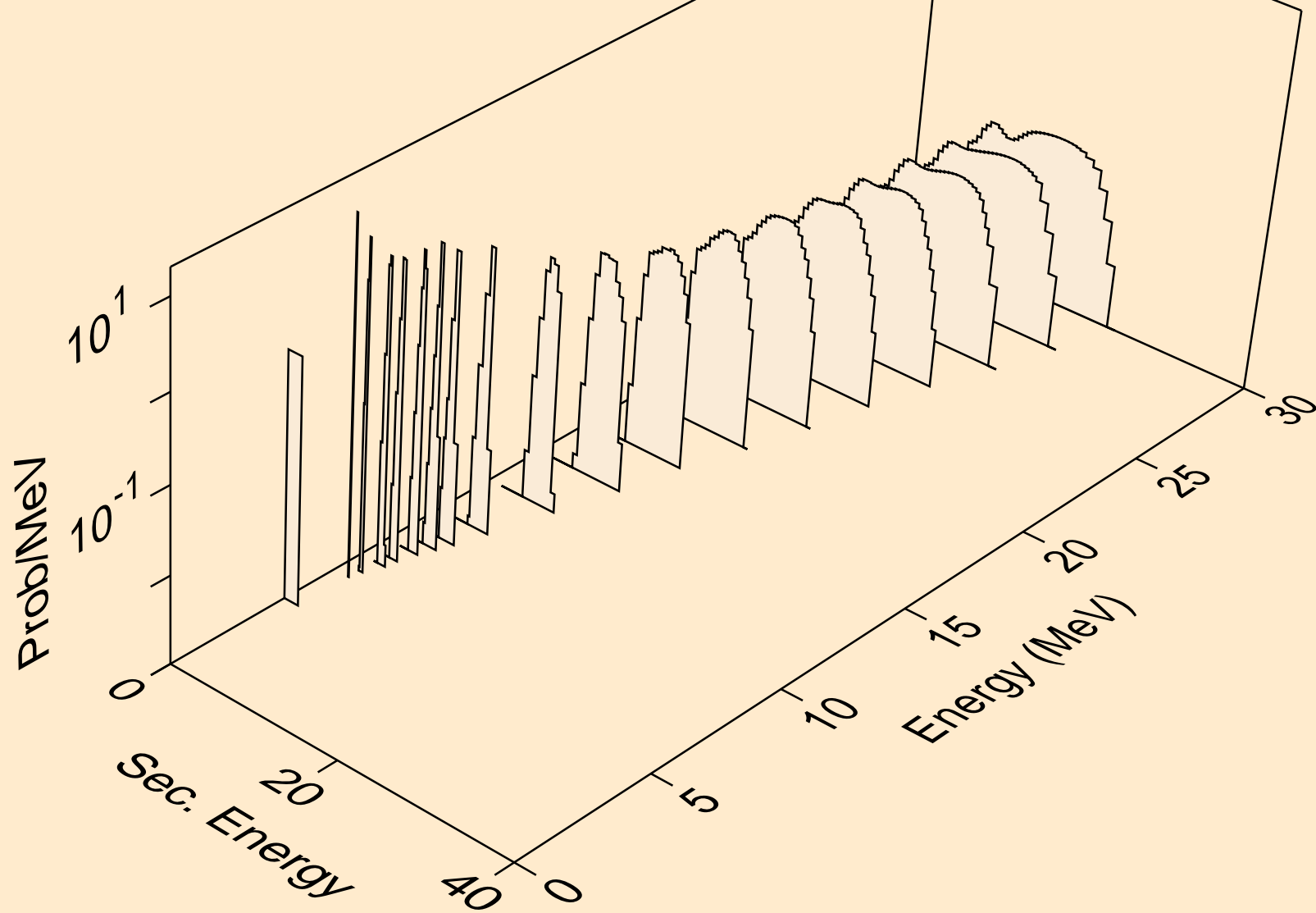


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

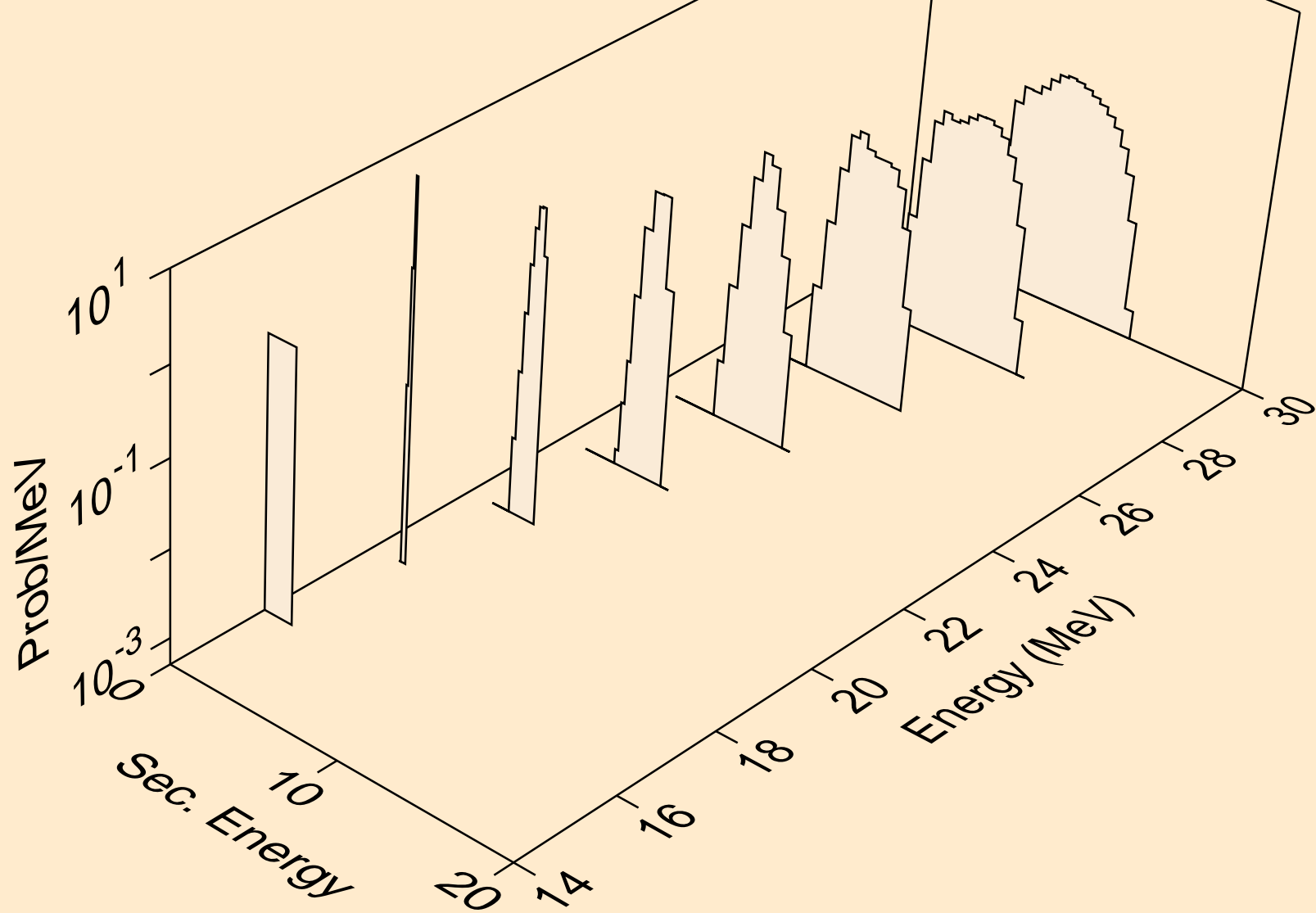




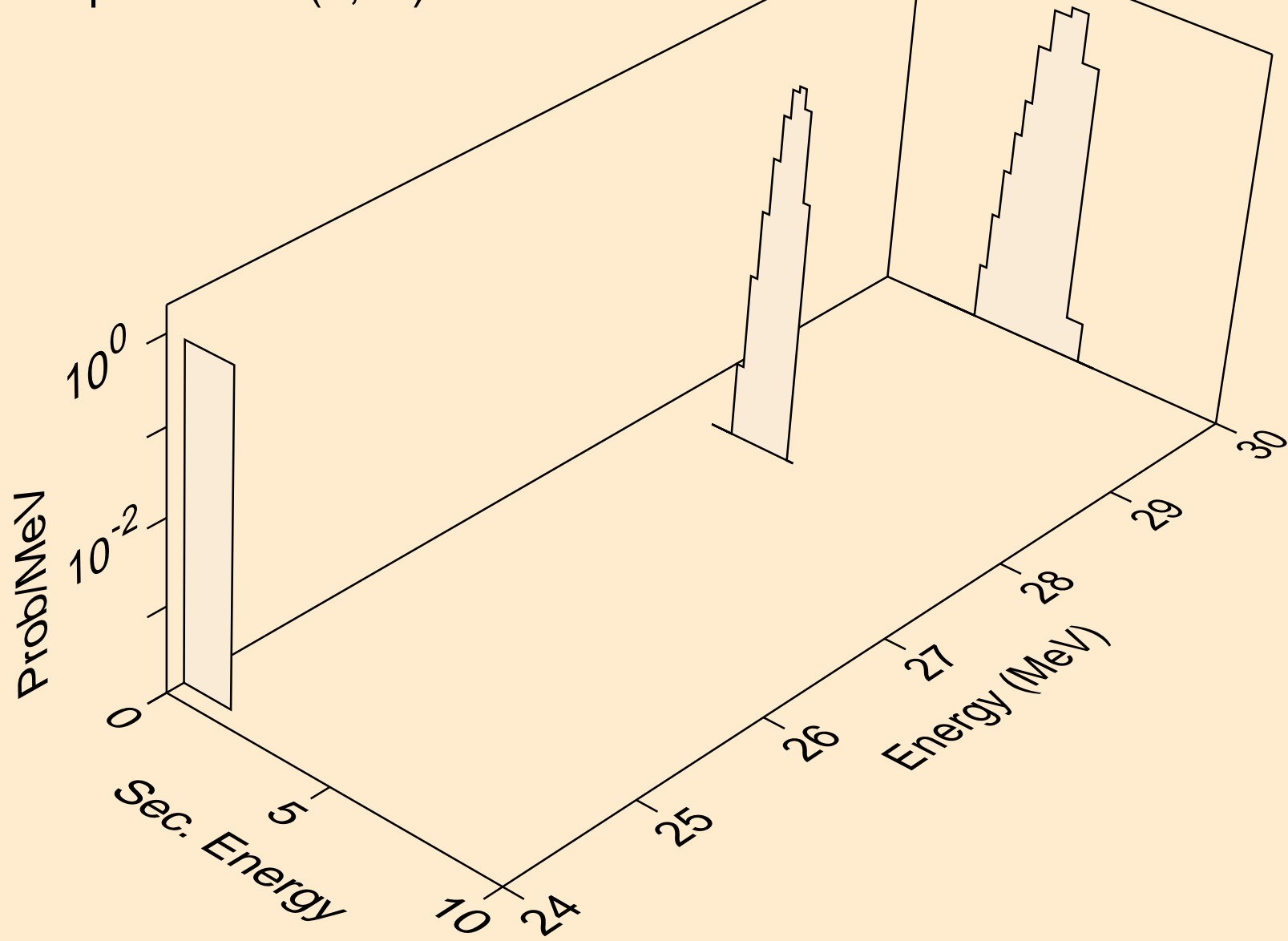
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



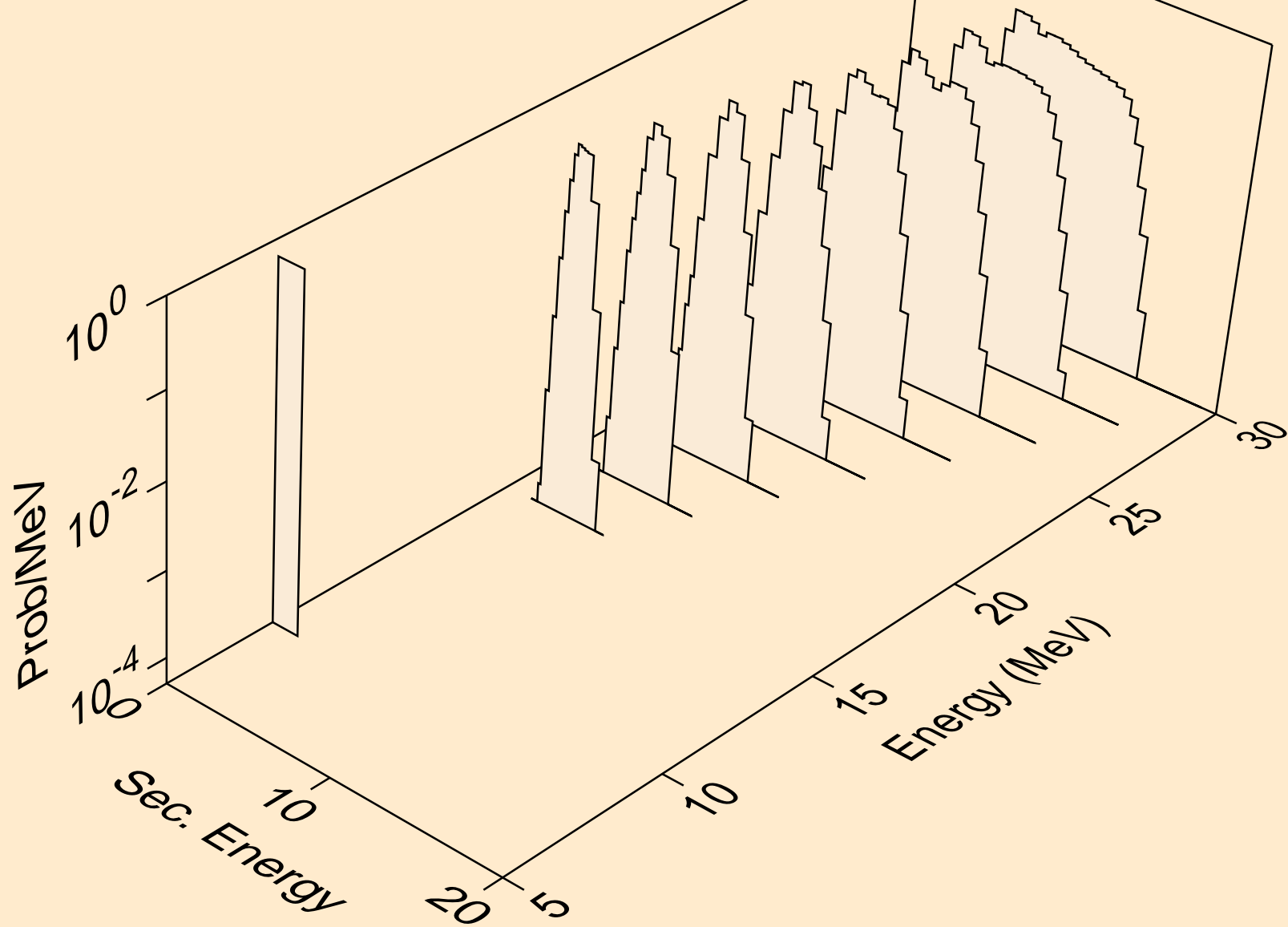
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alphas from (n,2n)a



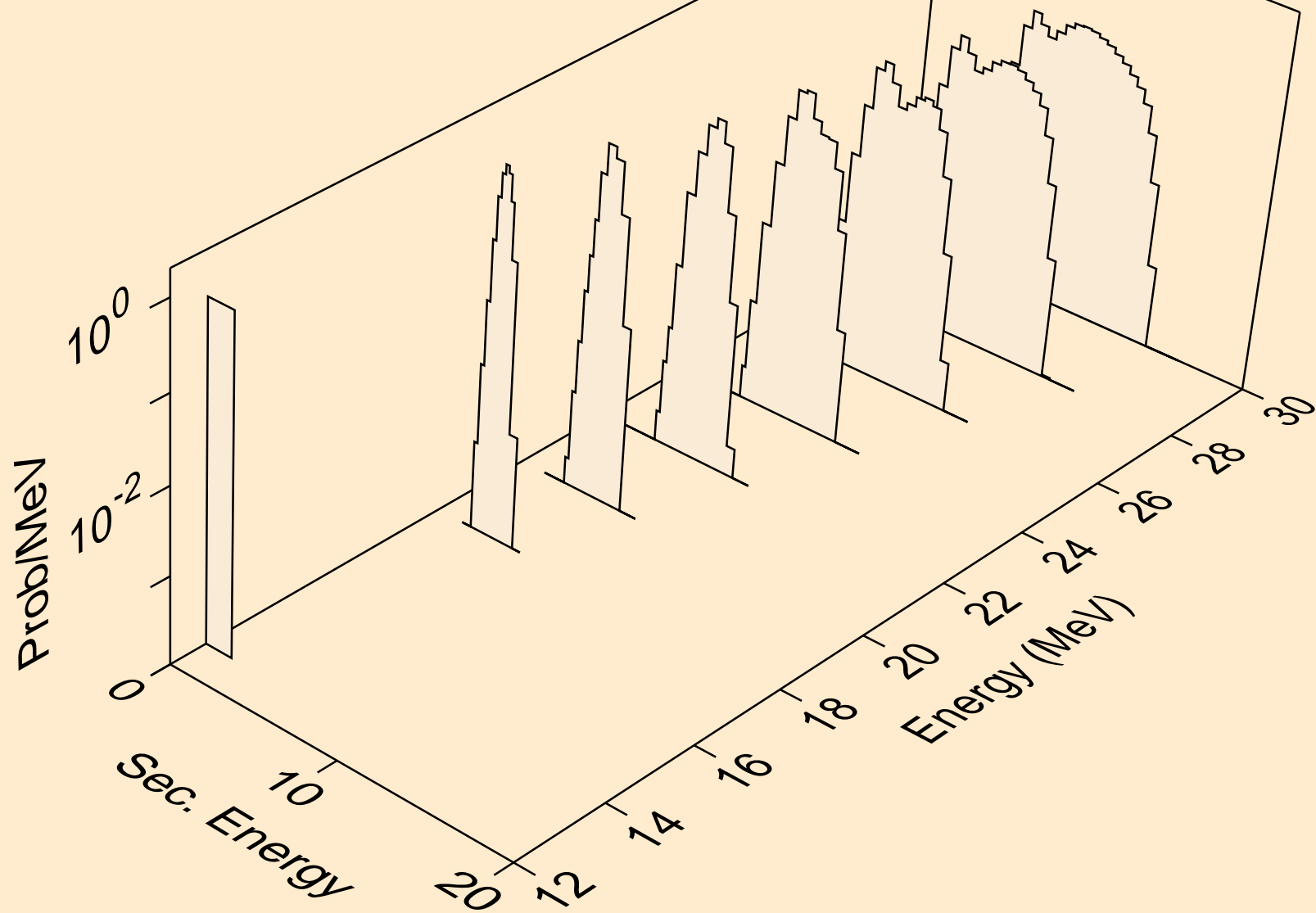
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alphas from (n,3n)a



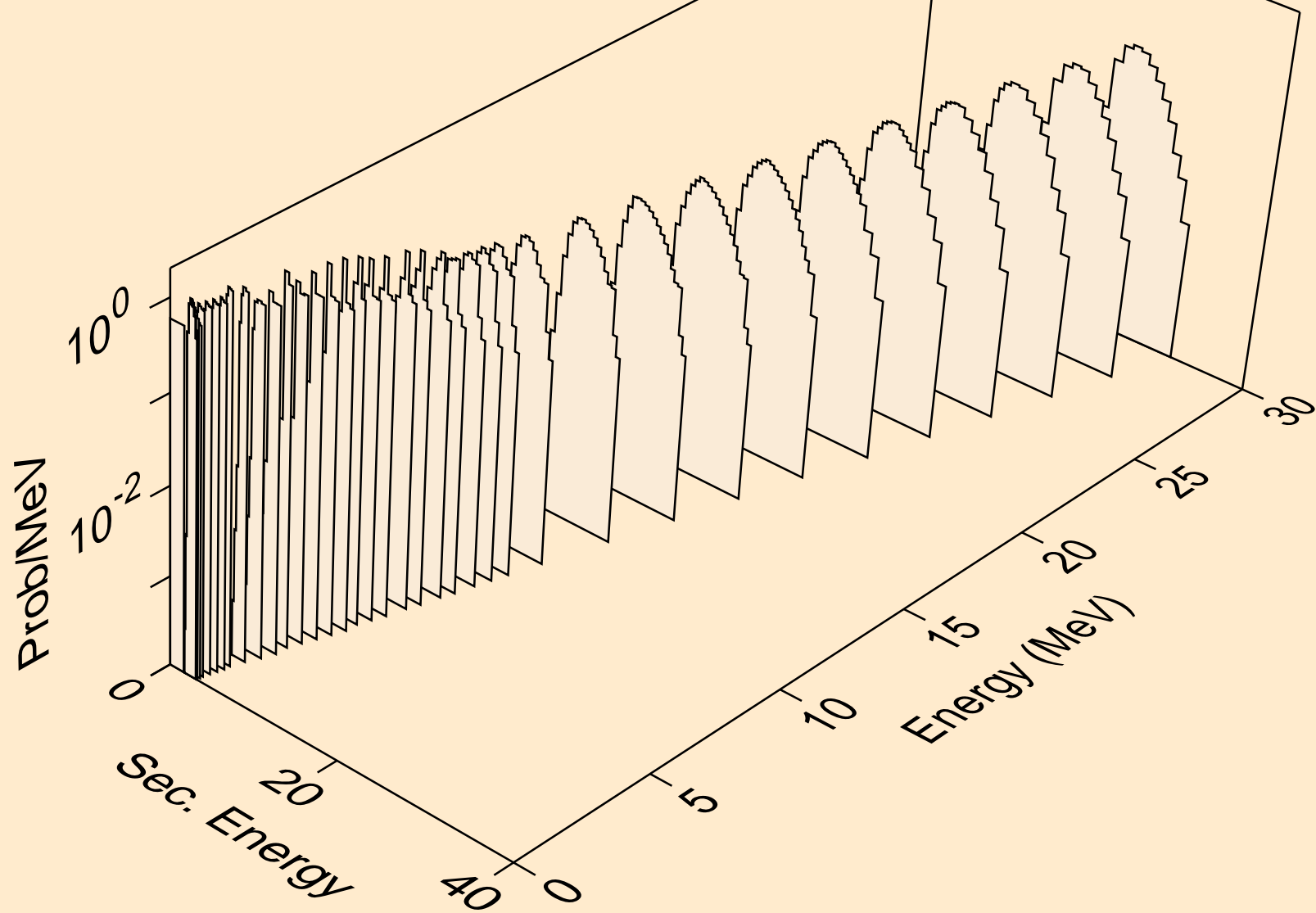
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alphas from (n,n\*)2a



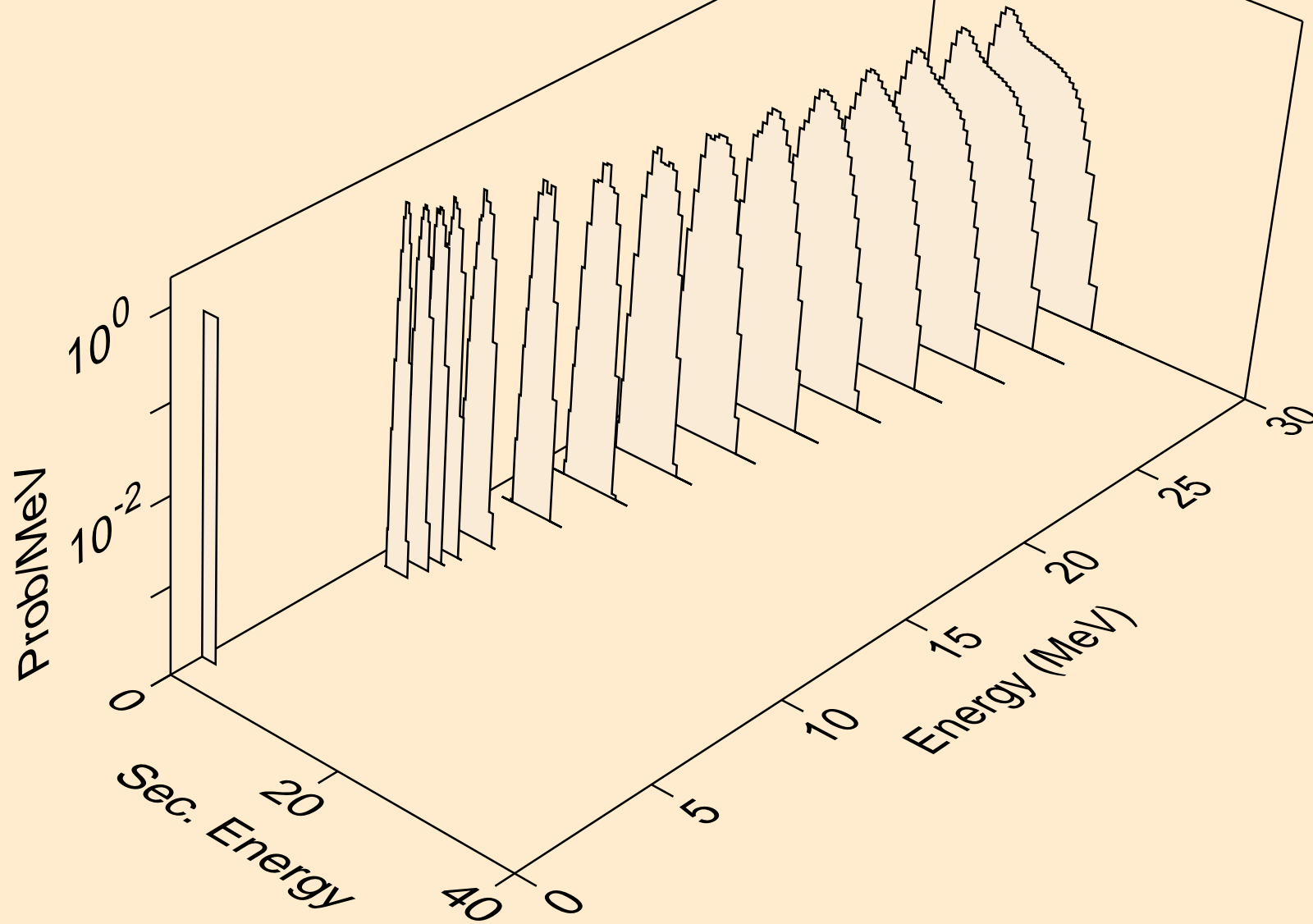
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alphas from (n,npa)



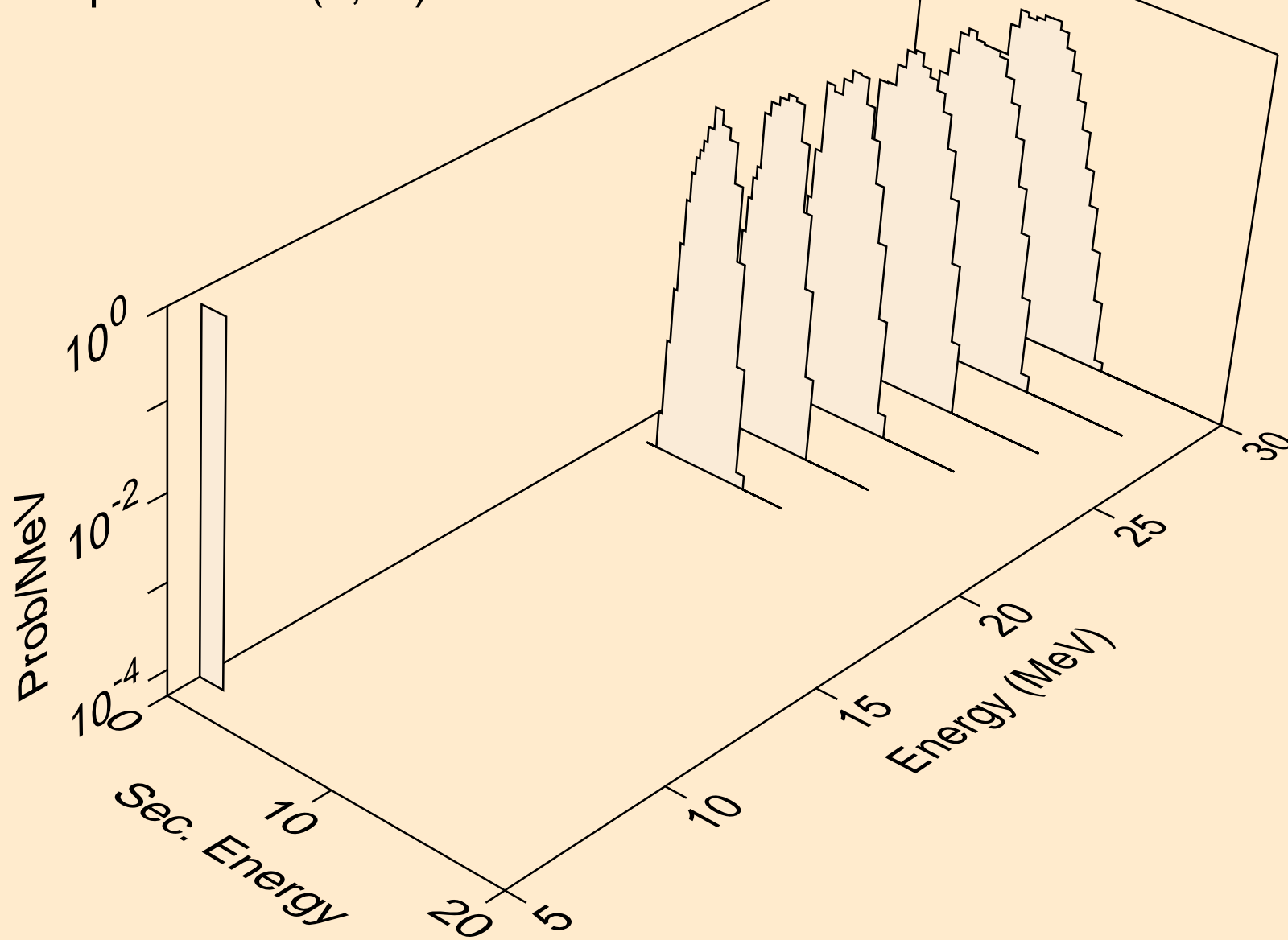
SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)

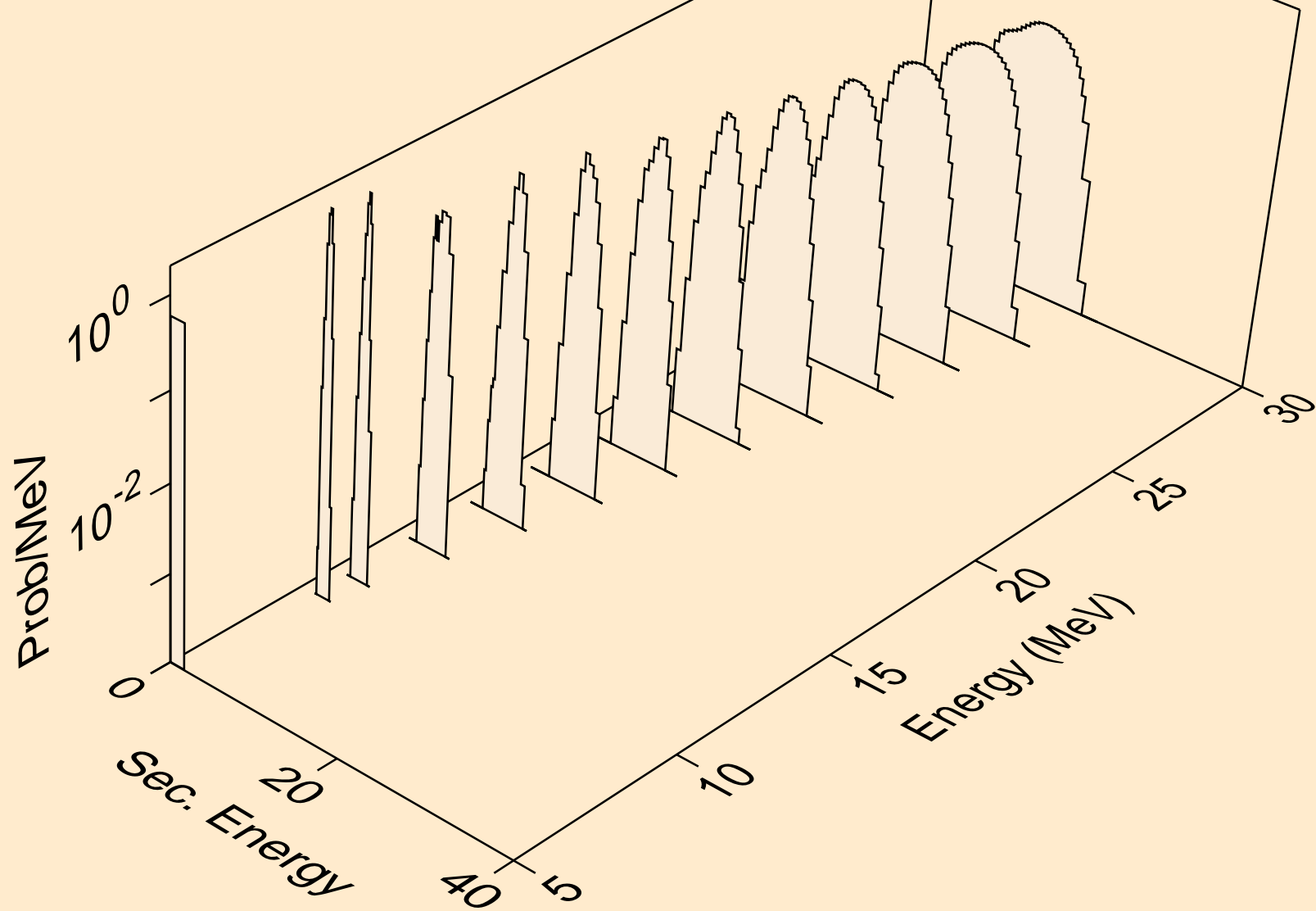


SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)





SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



SE074 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

