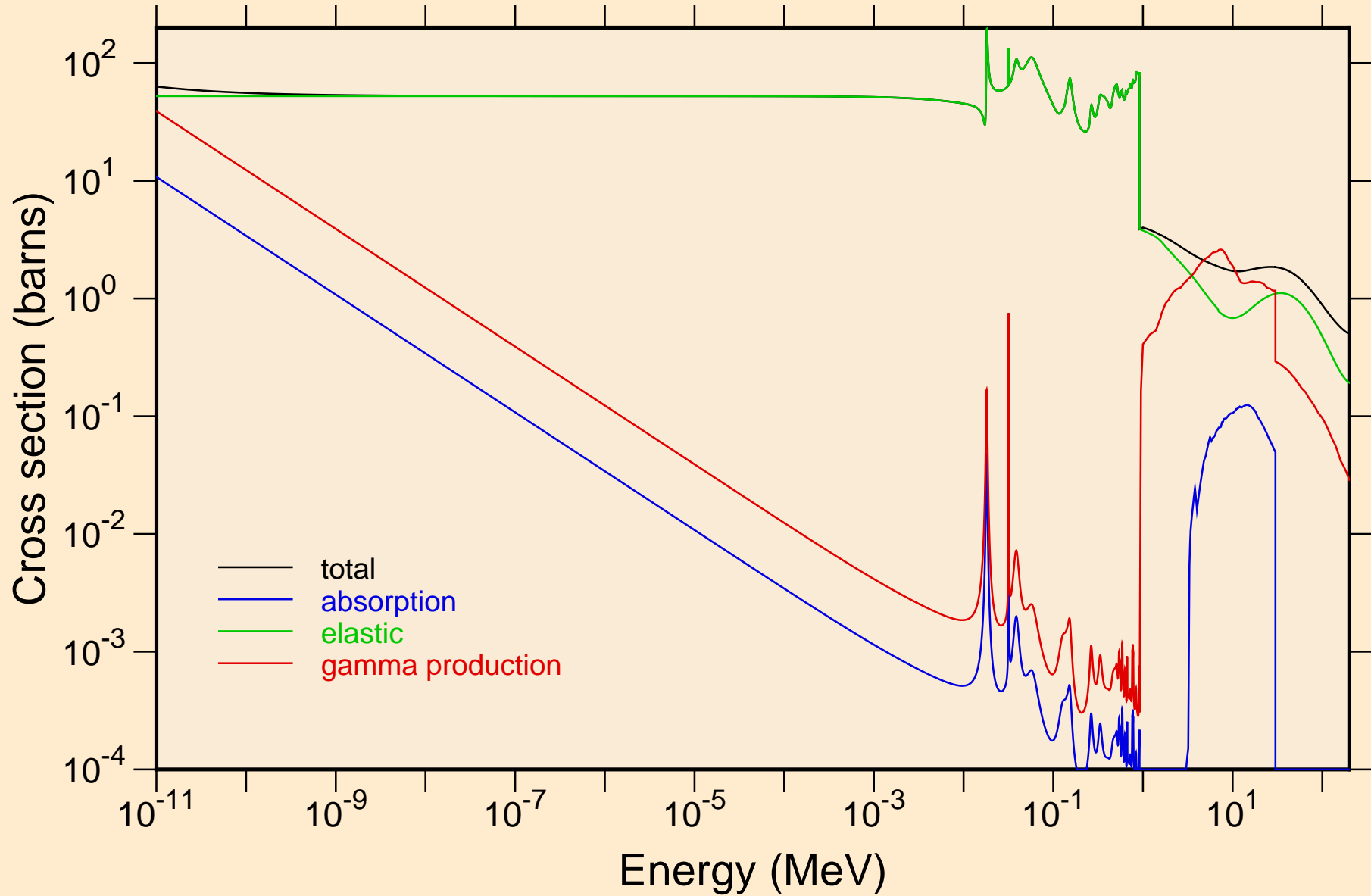
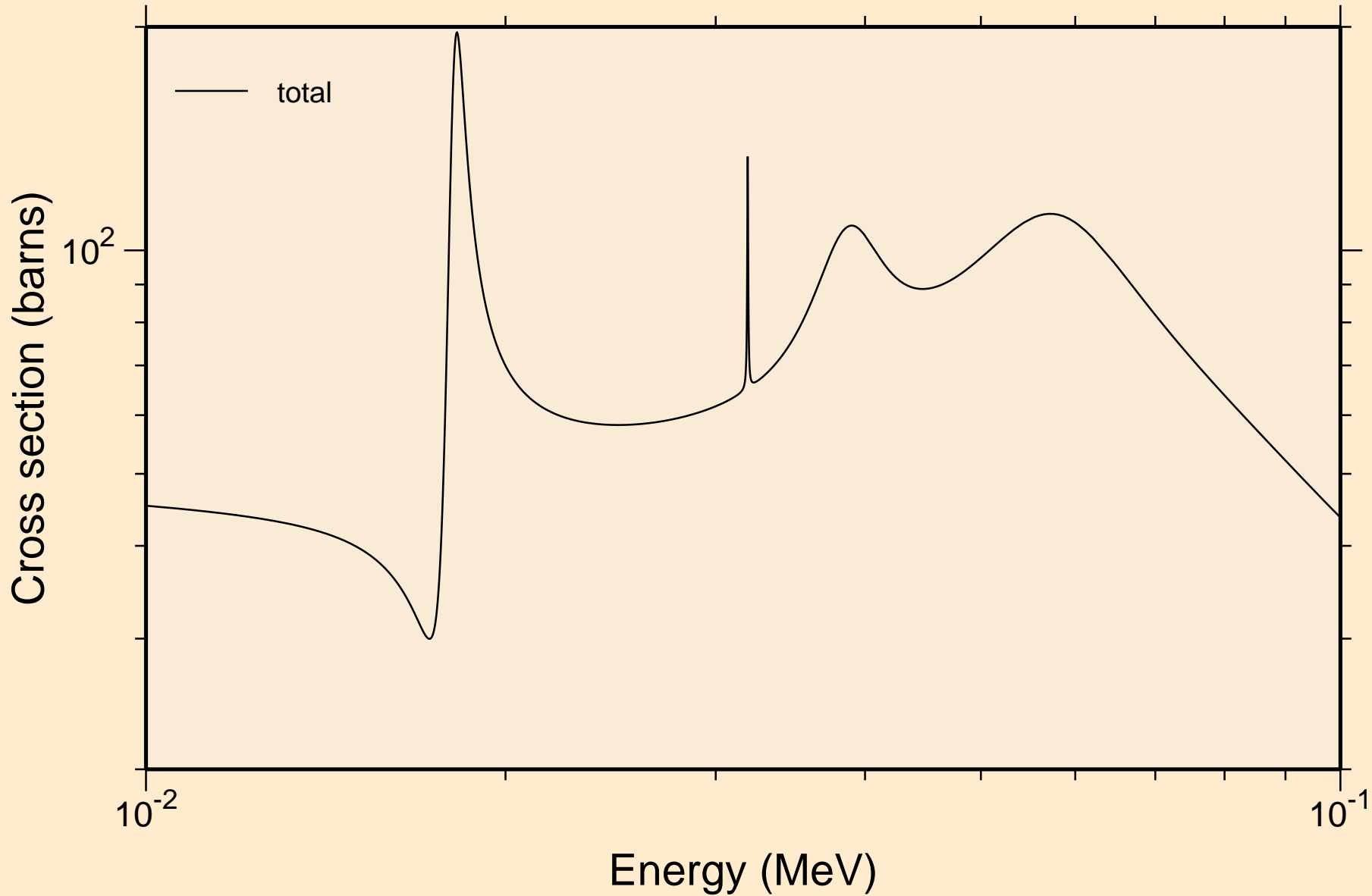


# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

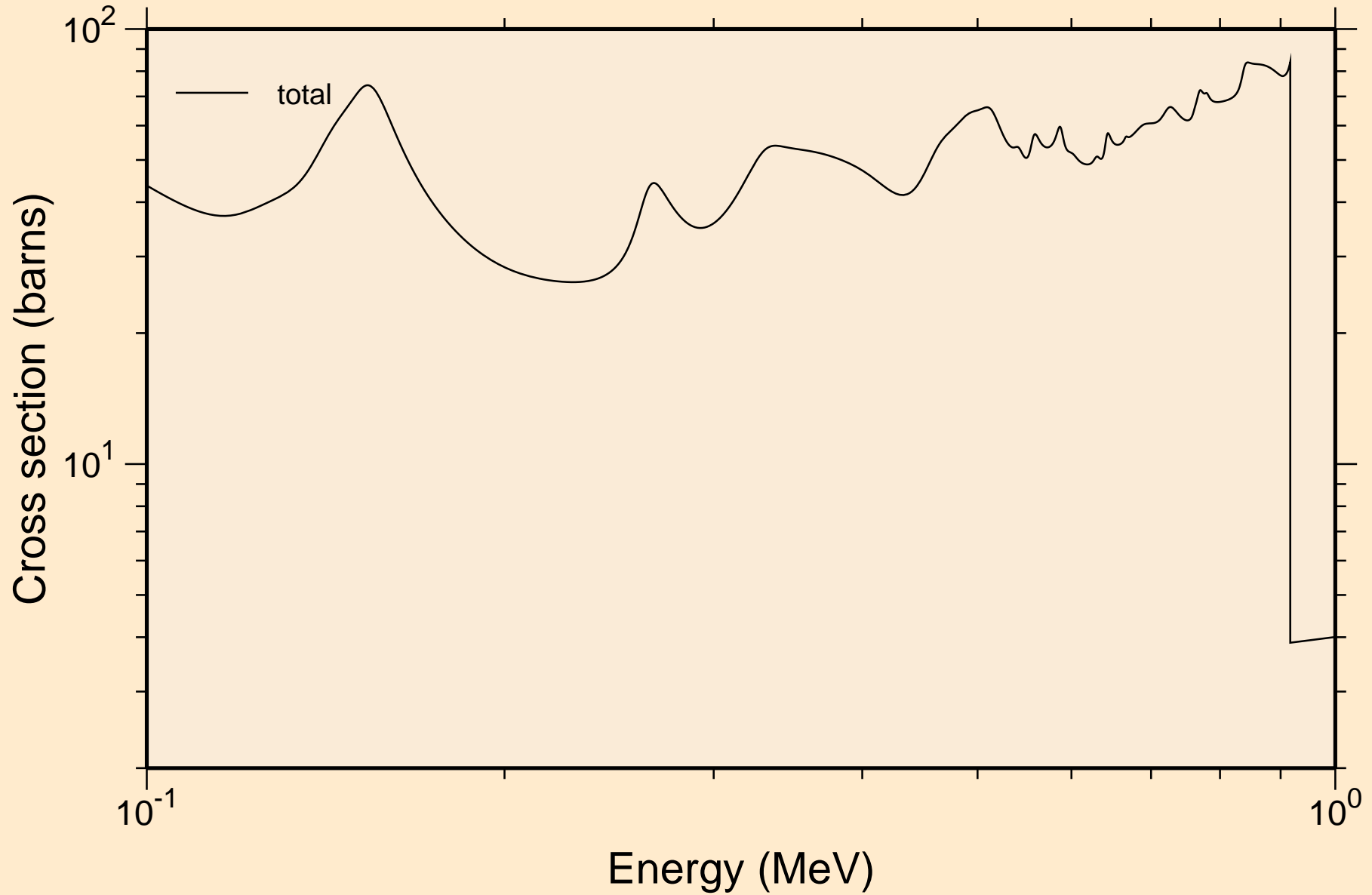
## Principal cross sections



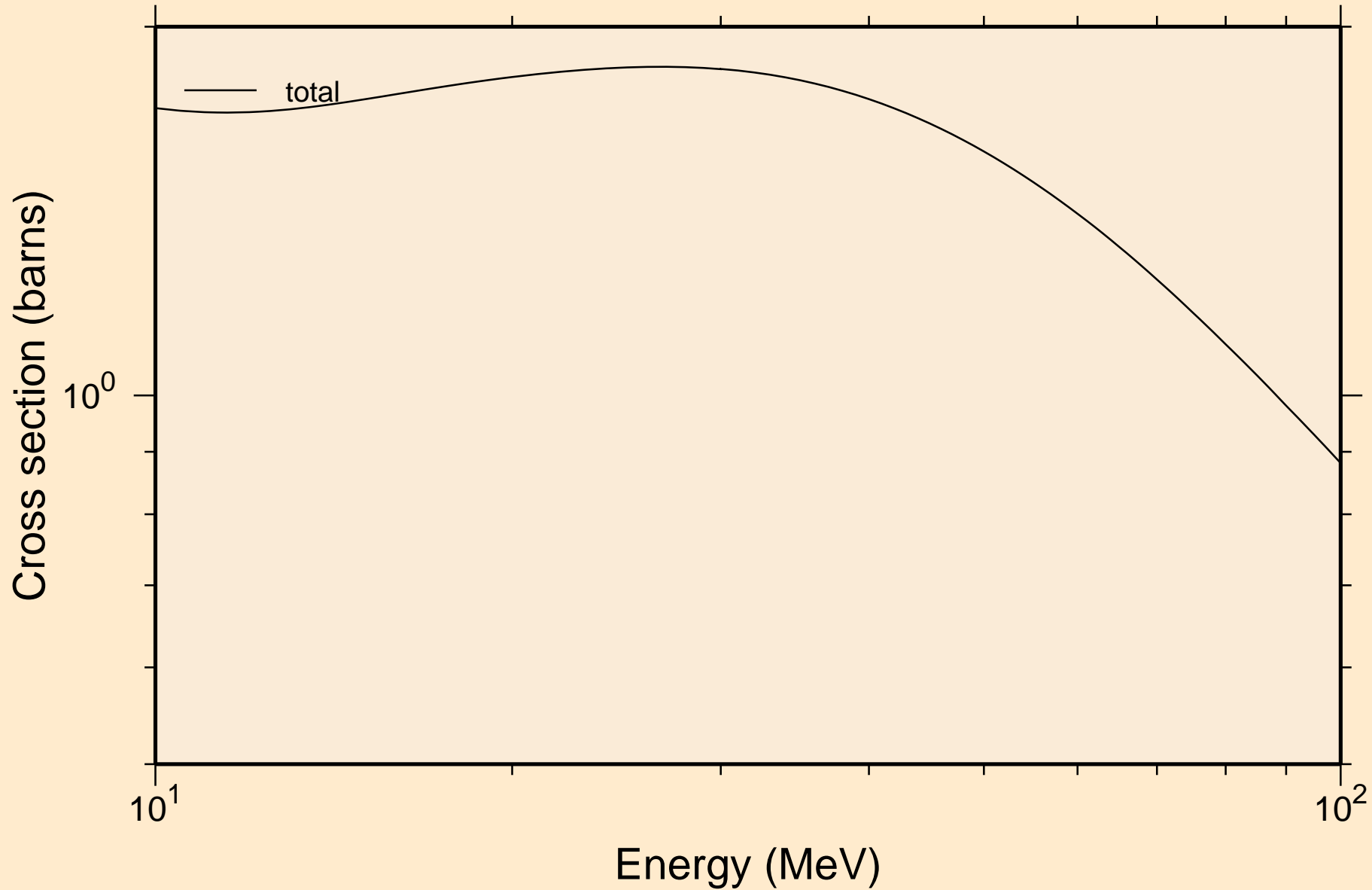
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resonance total cross section



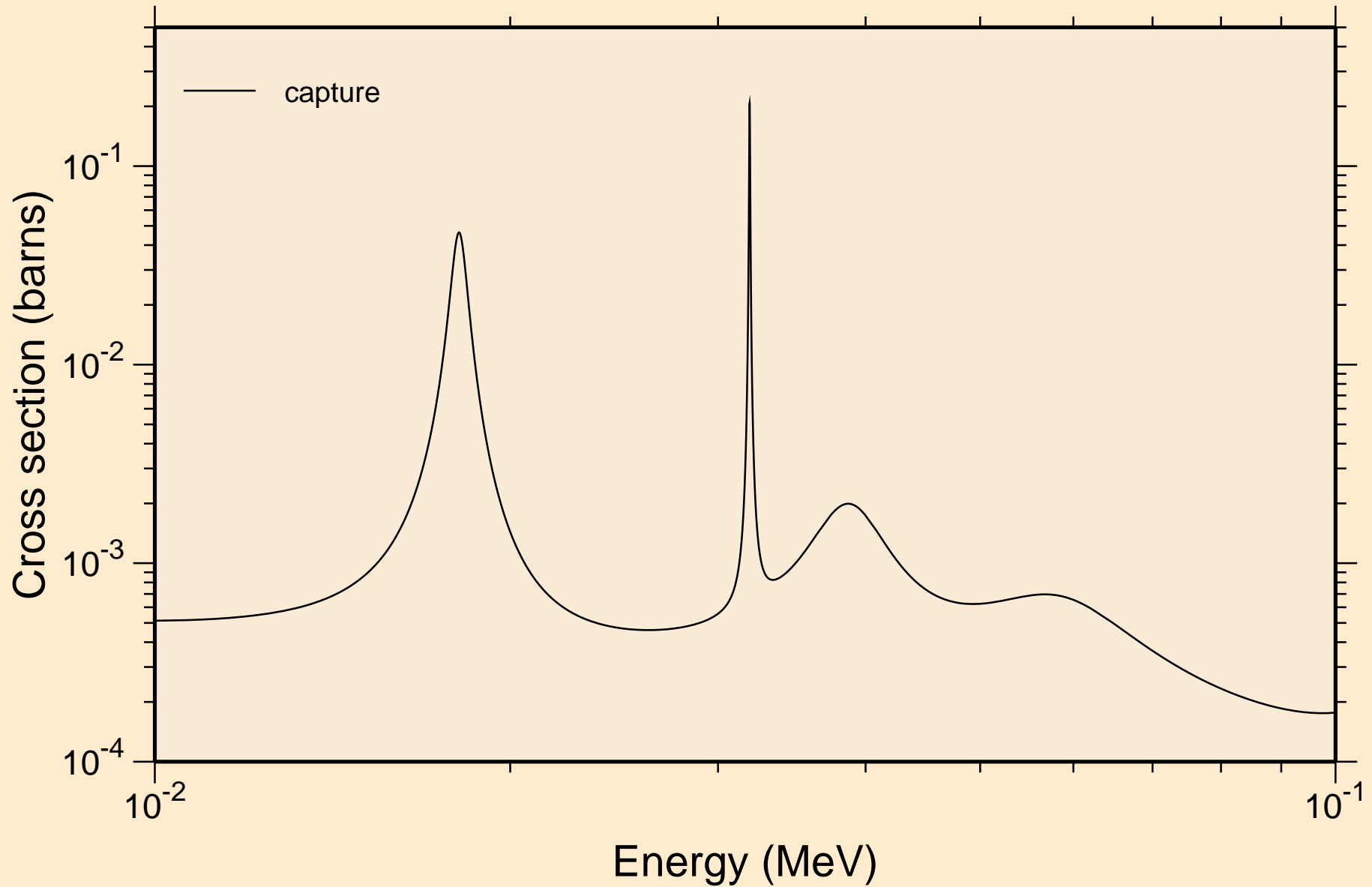
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



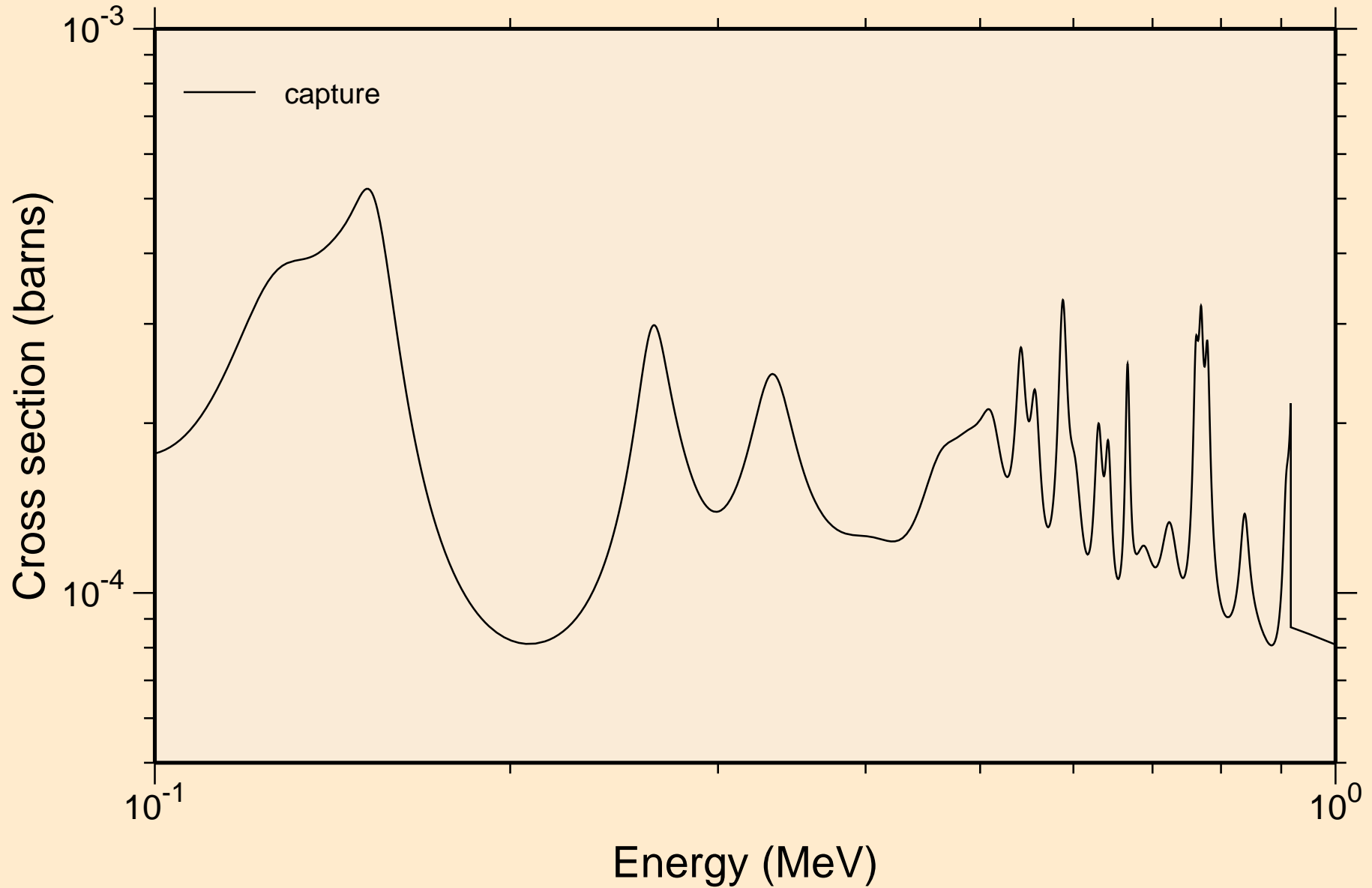
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



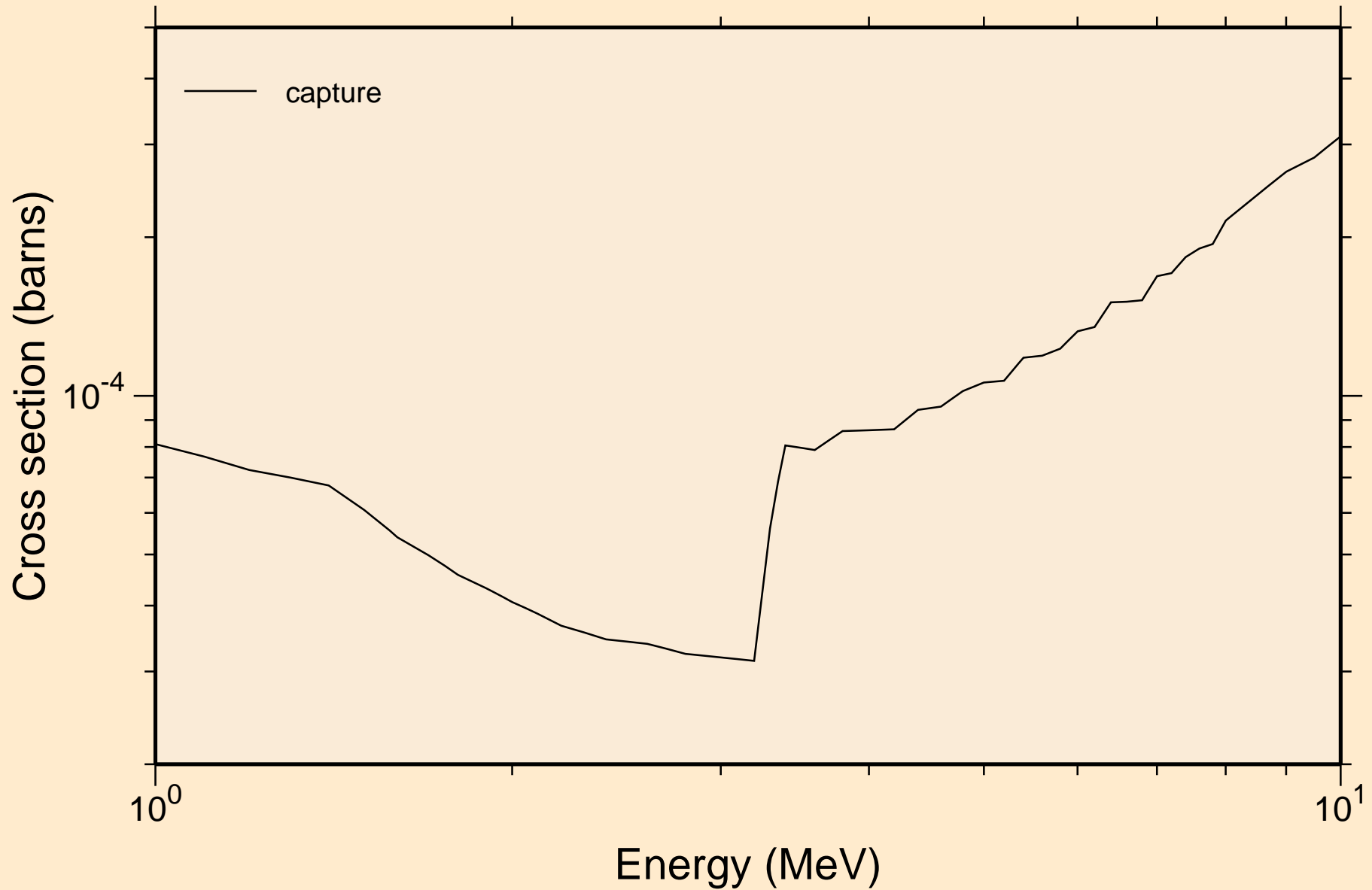
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



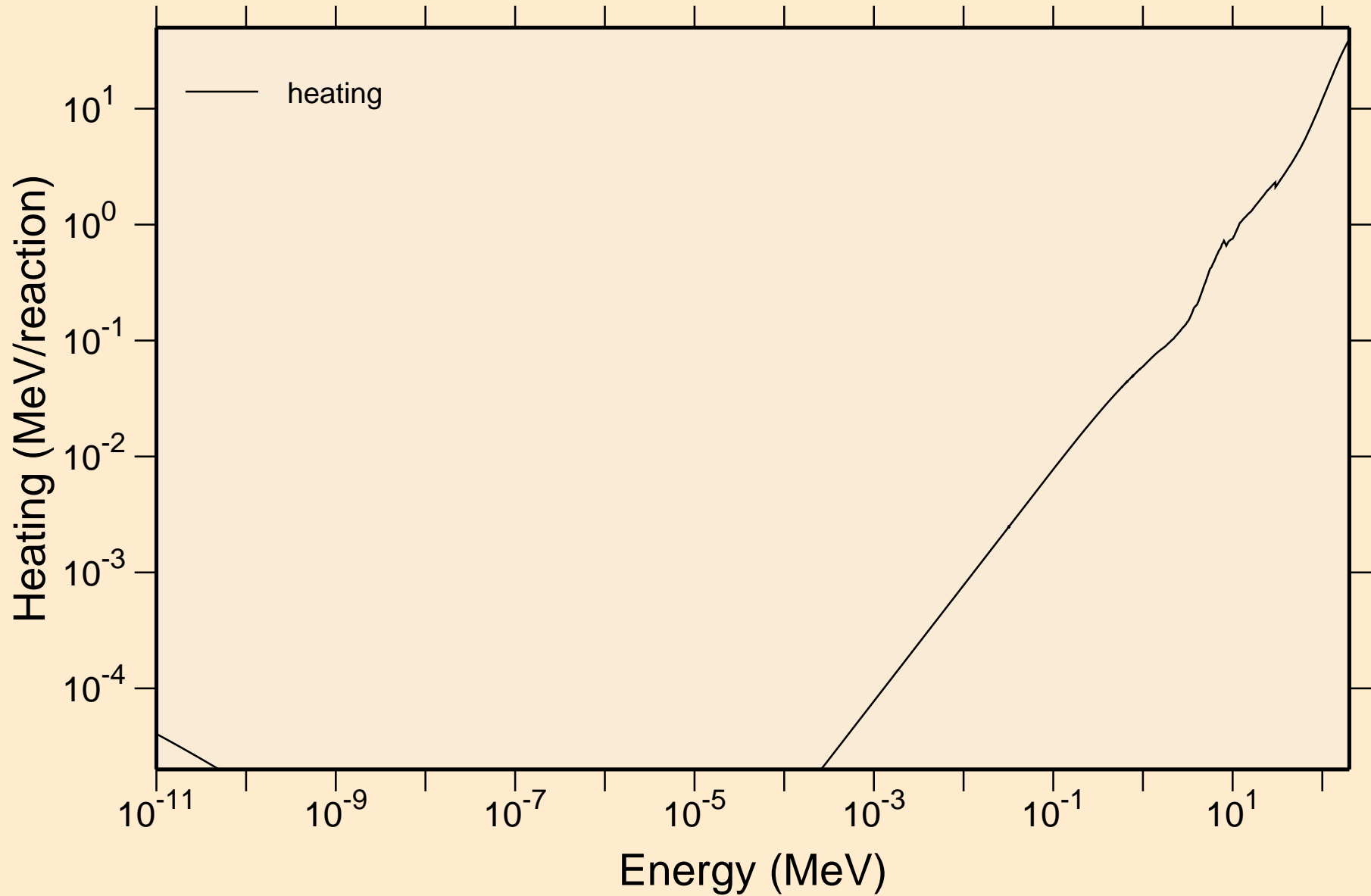
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

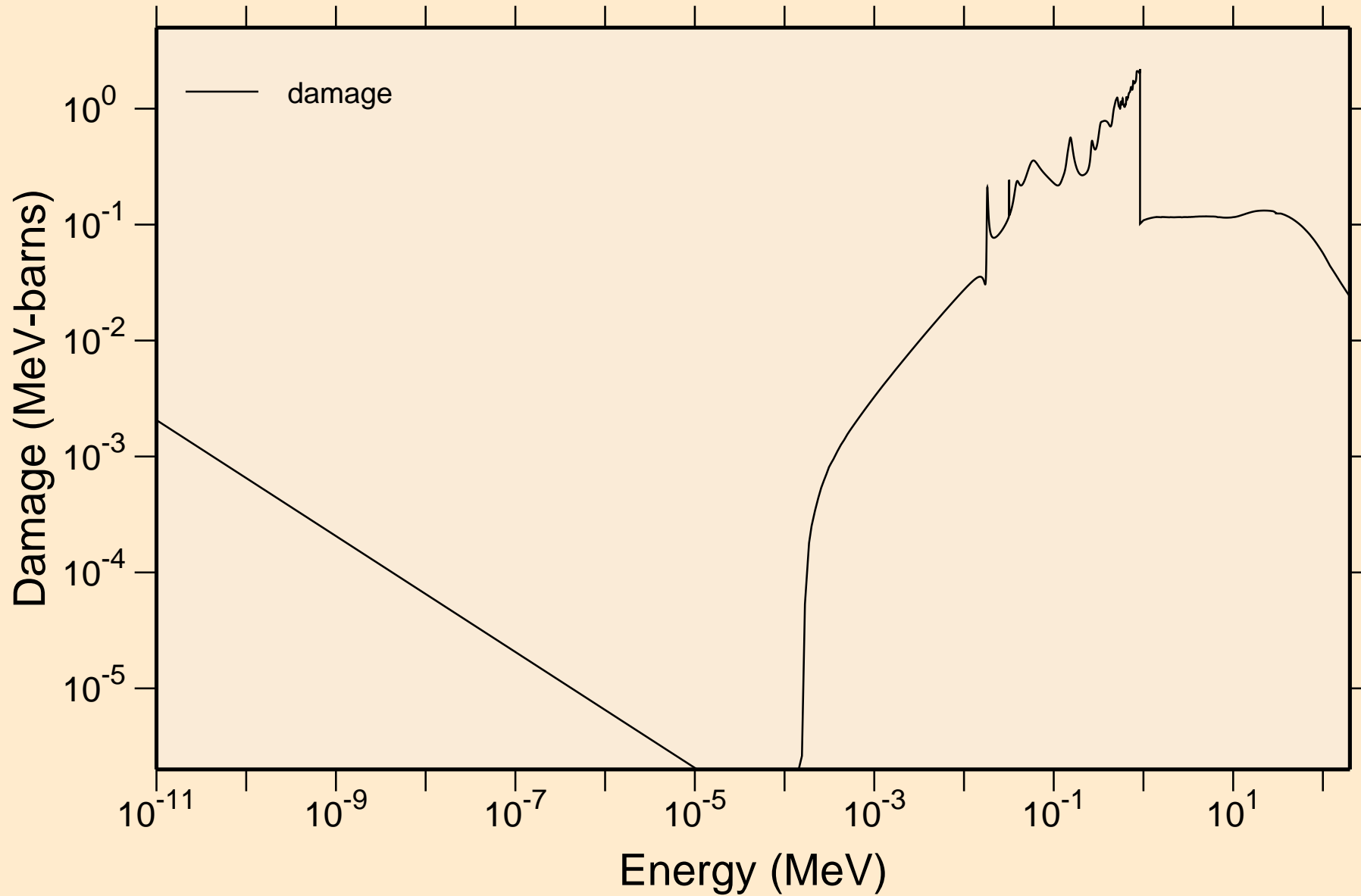


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

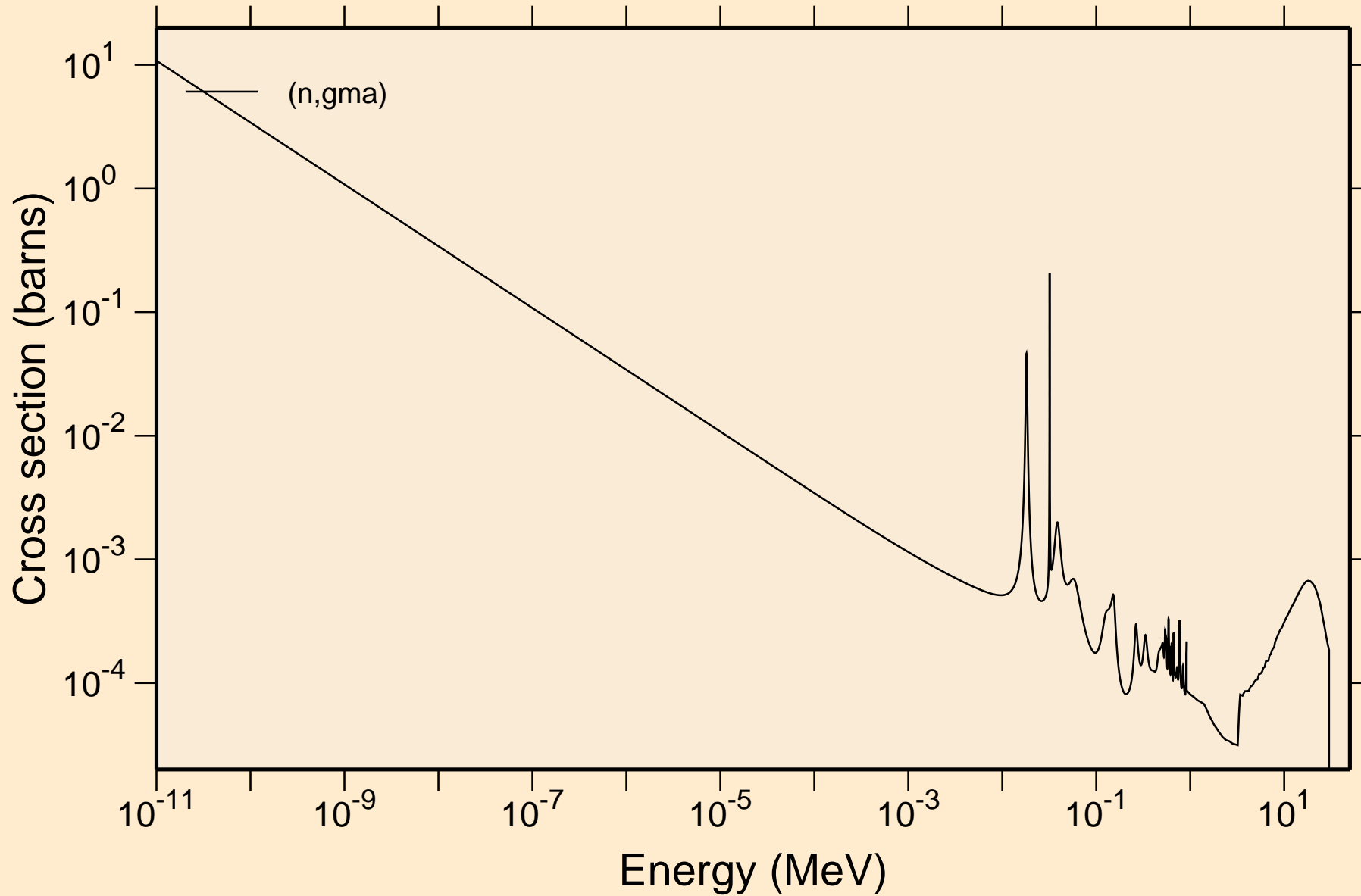




NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

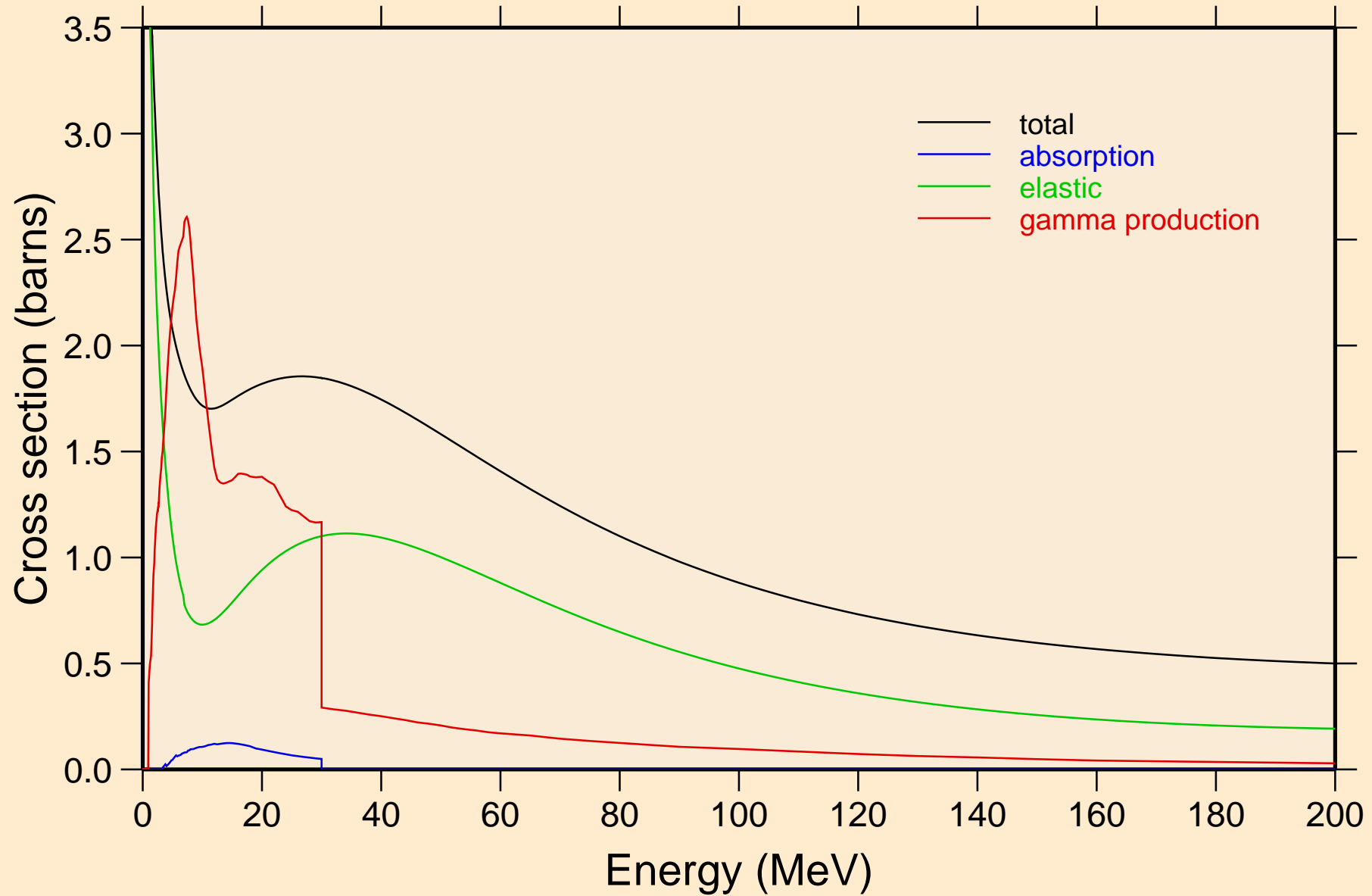


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



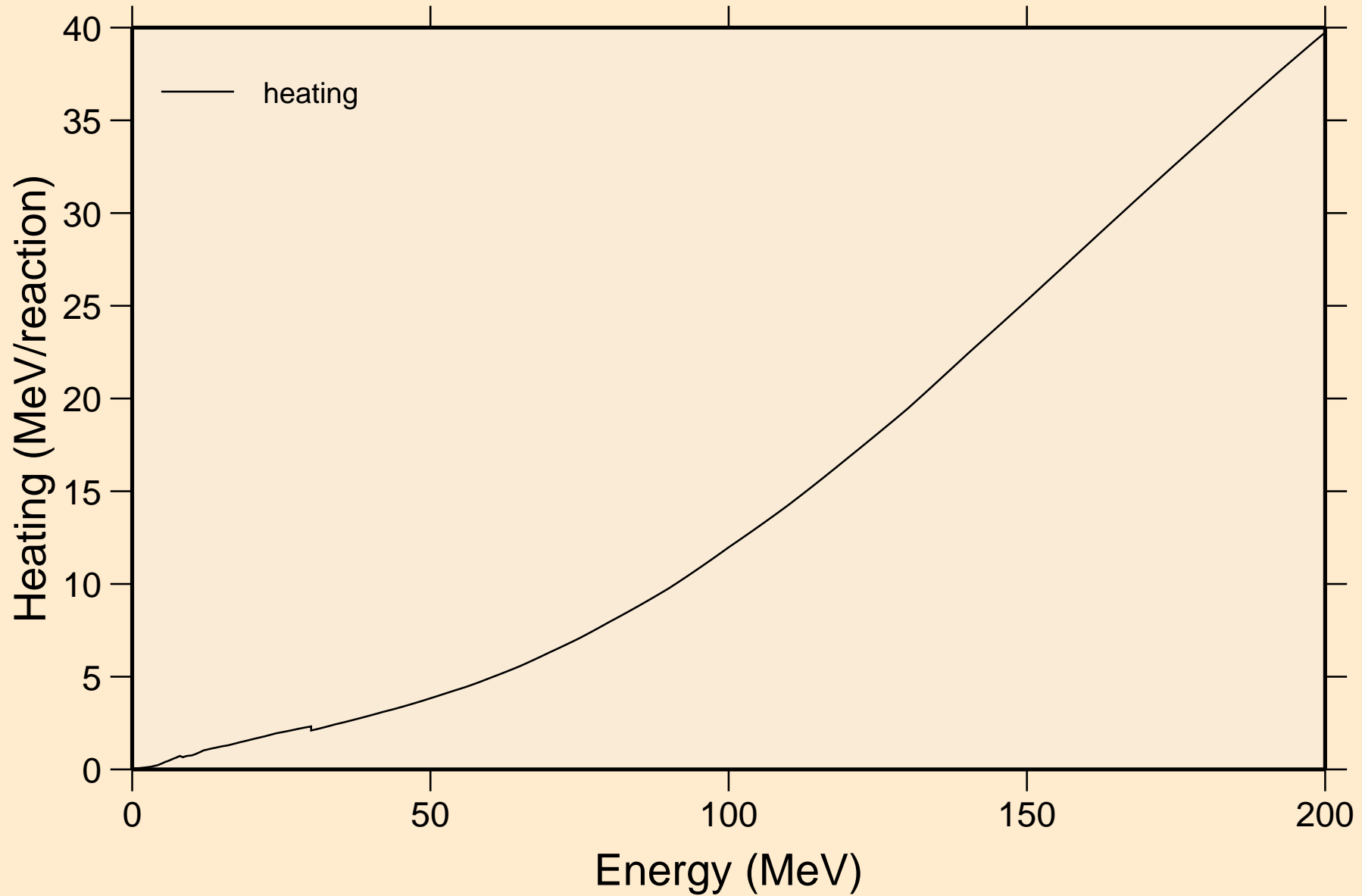
# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

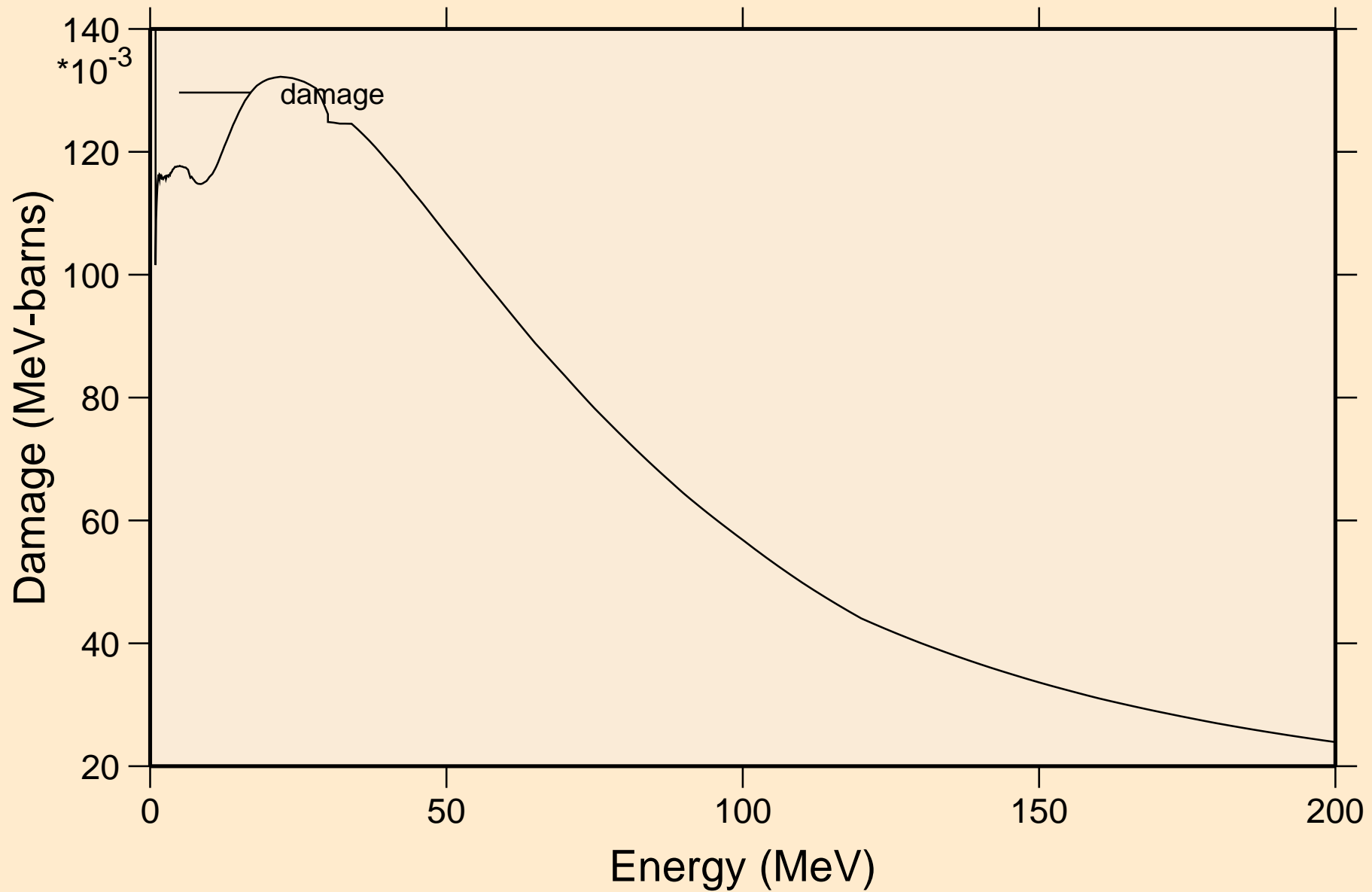


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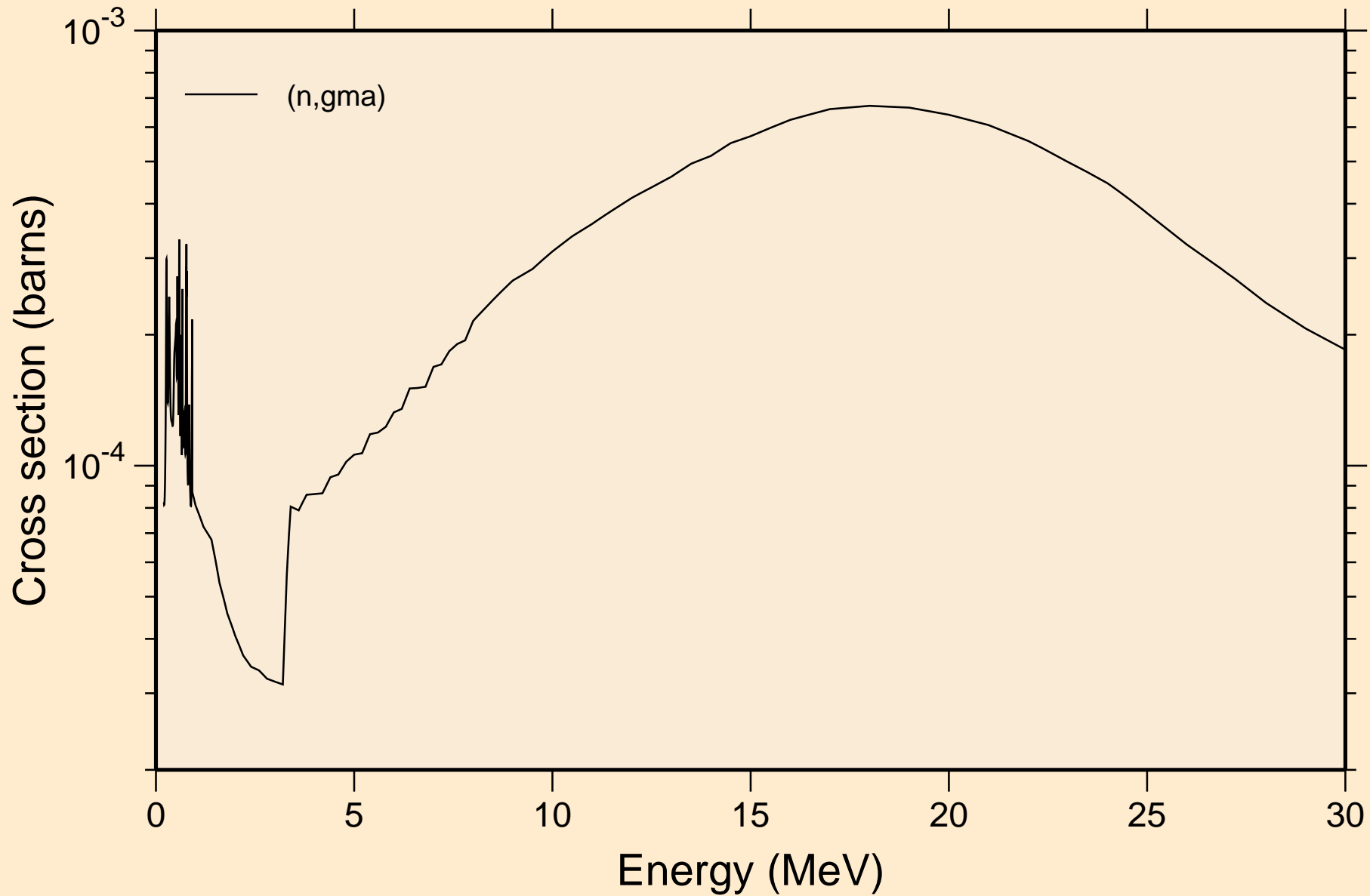
## Heating



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

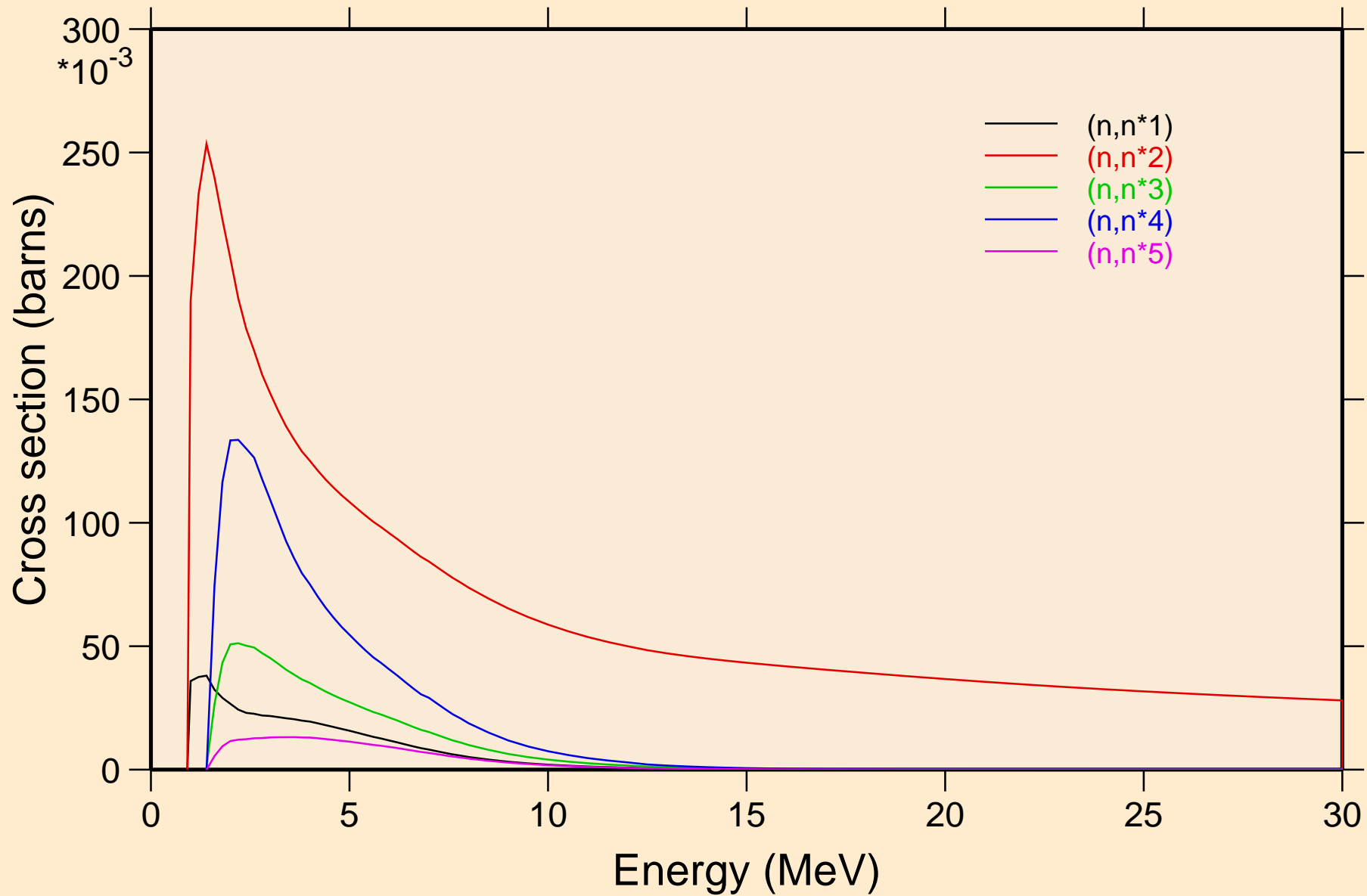


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

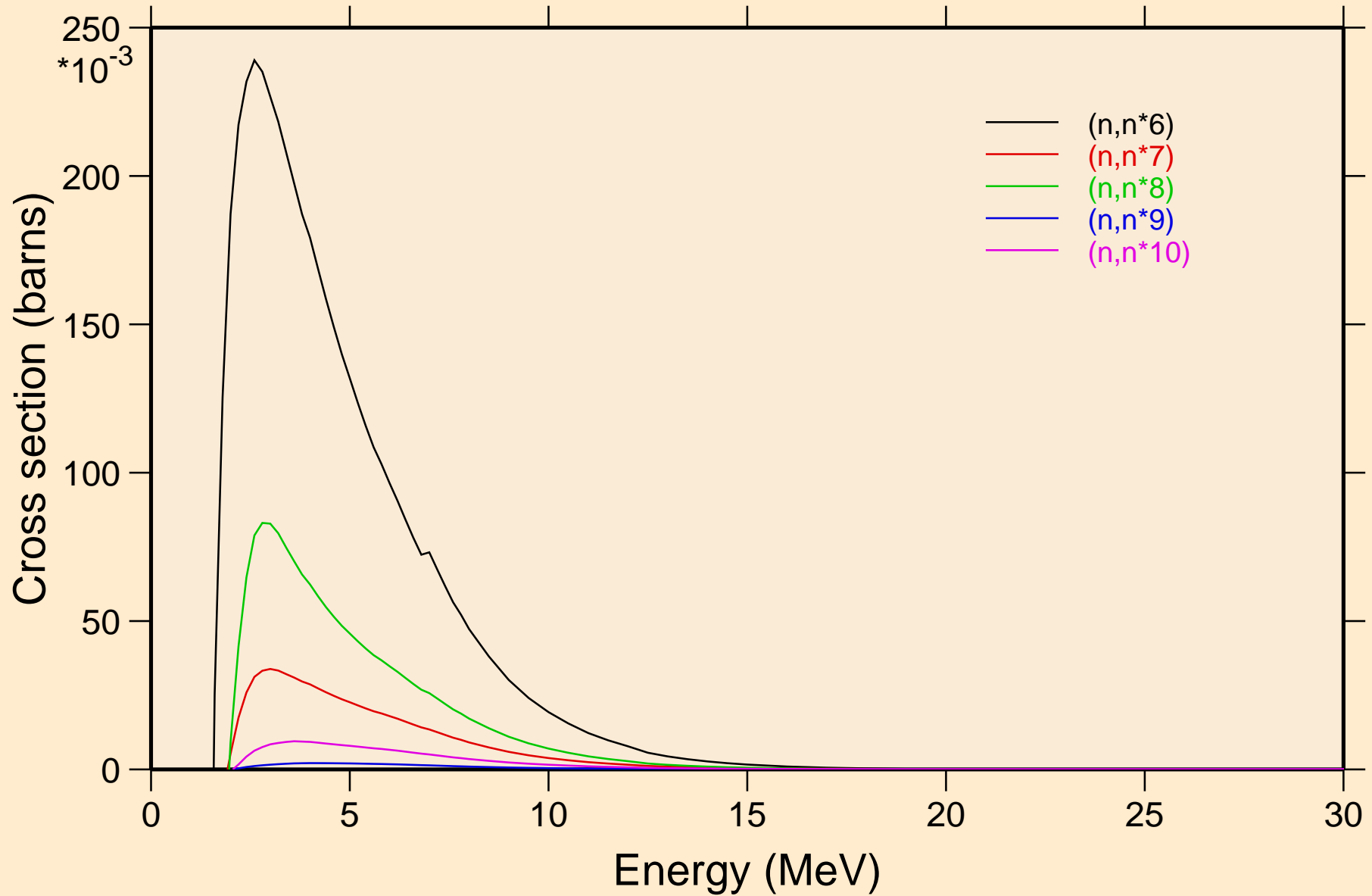


# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

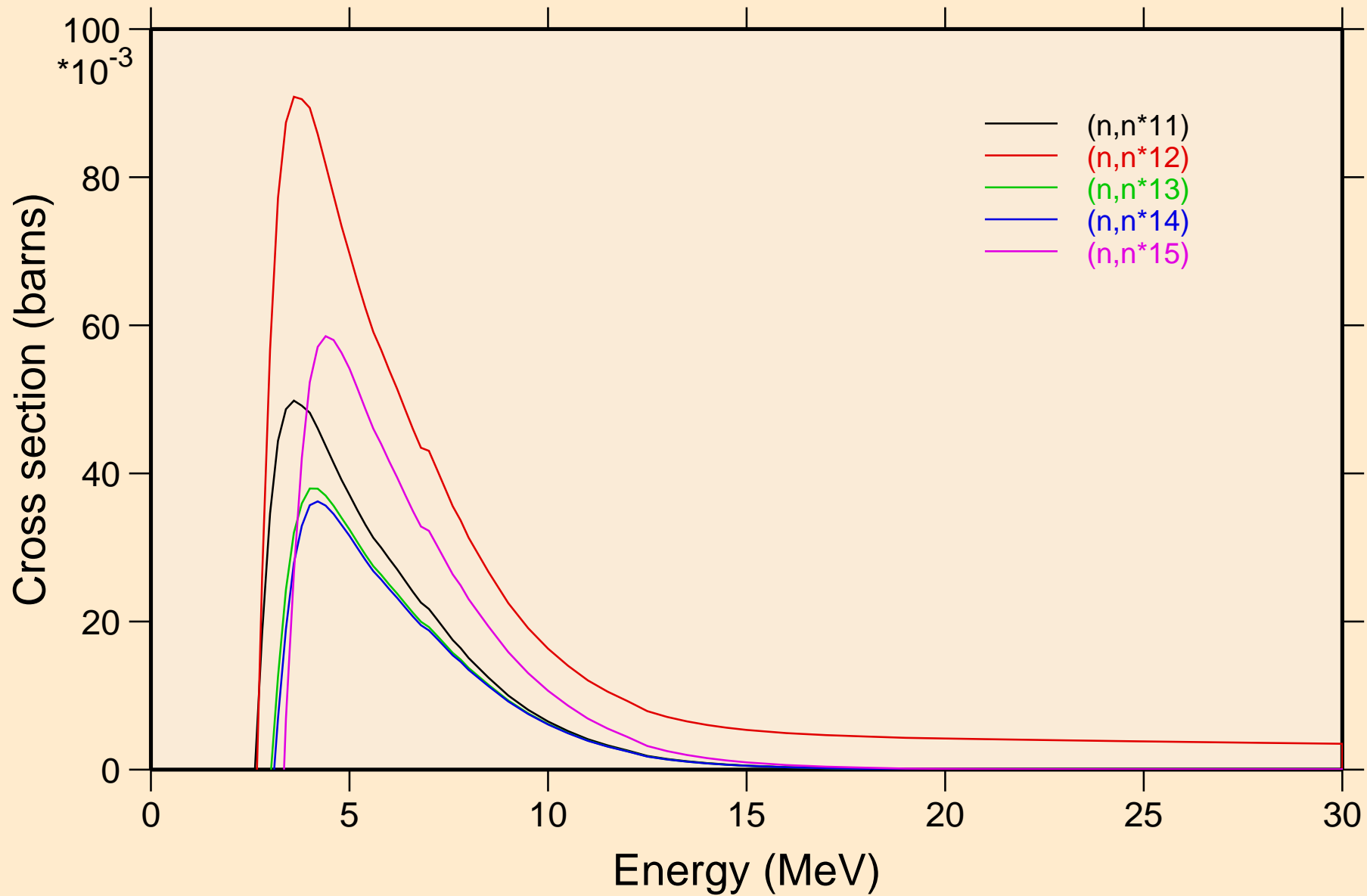


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

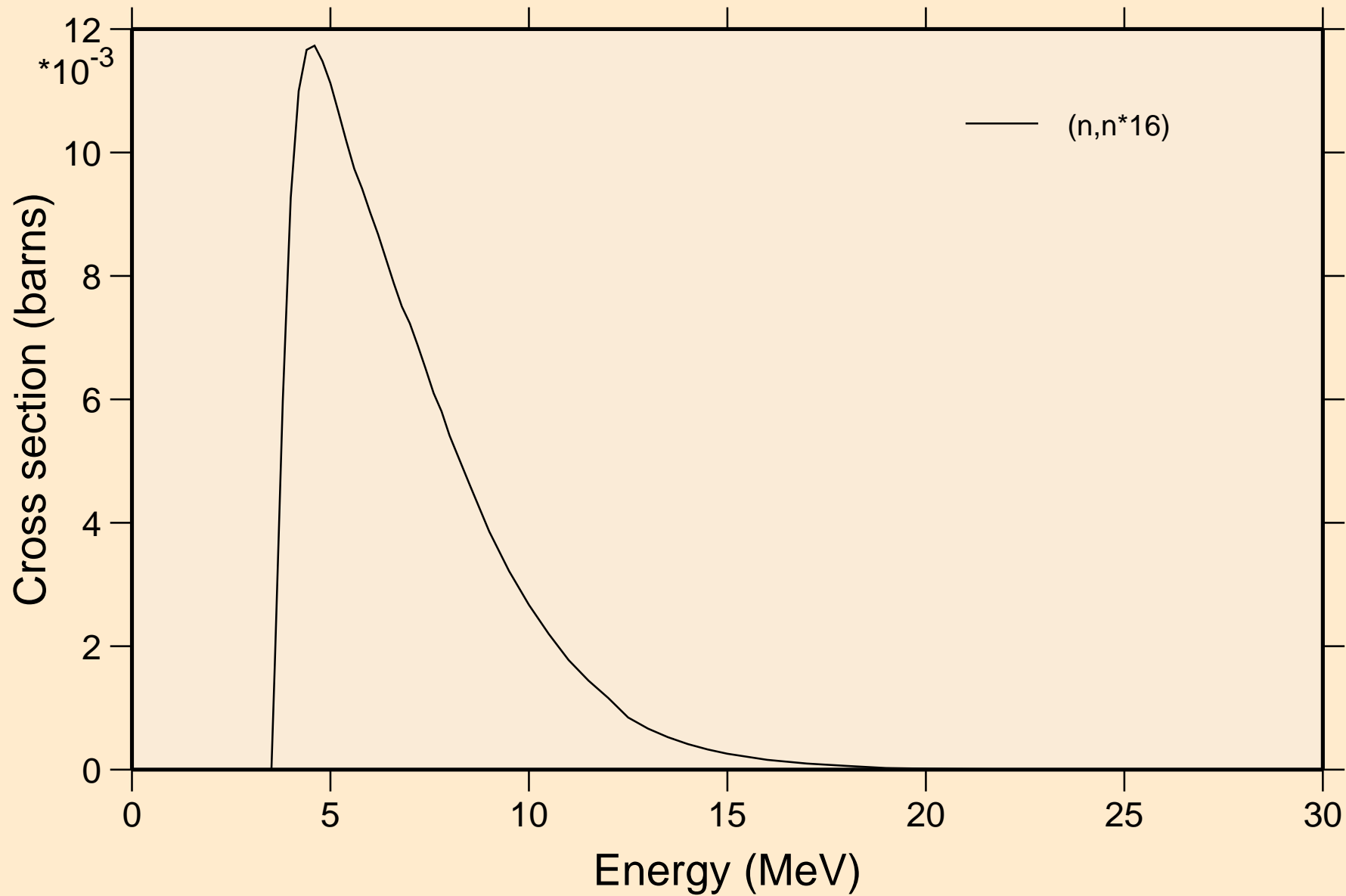




NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

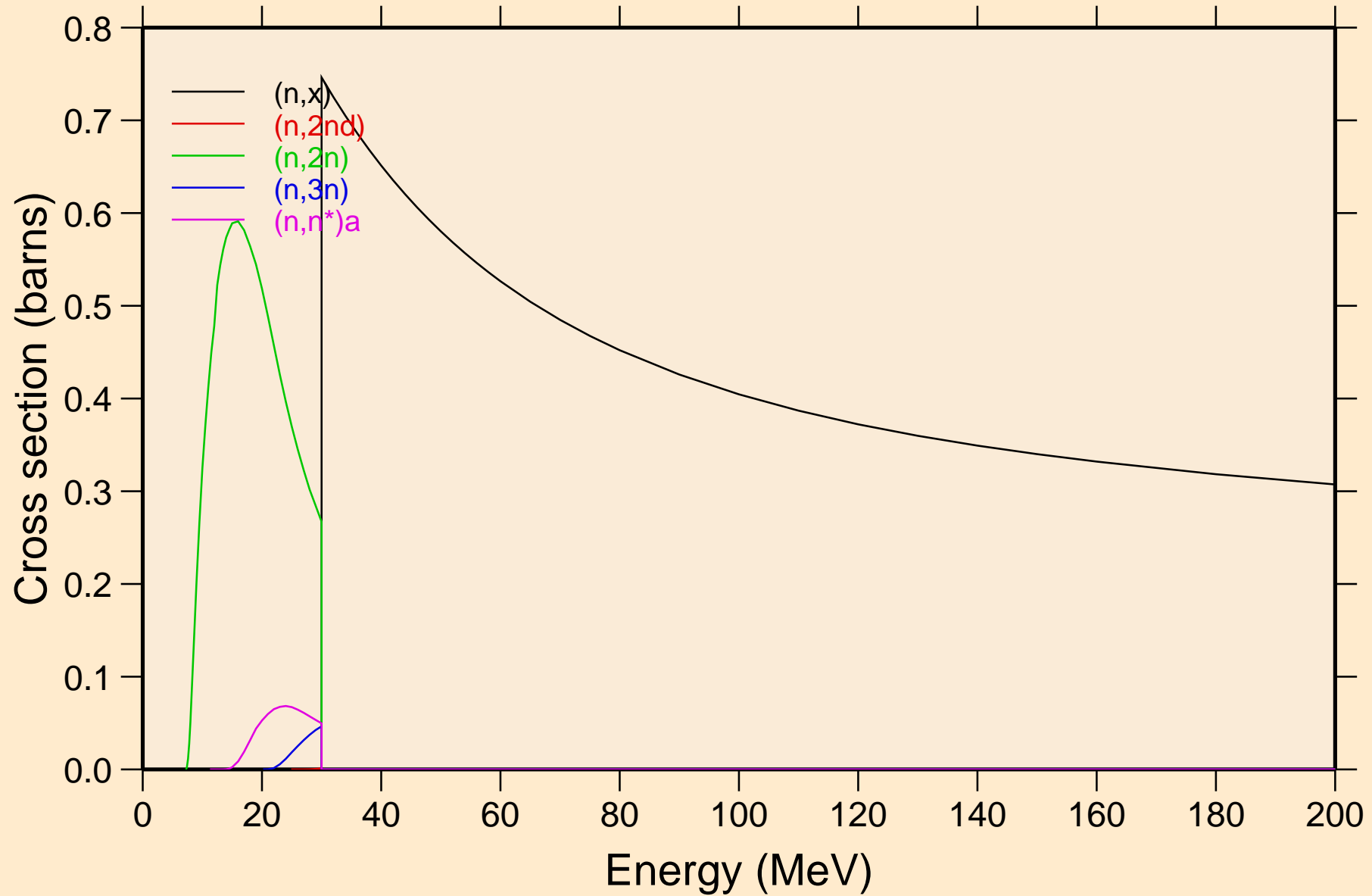


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

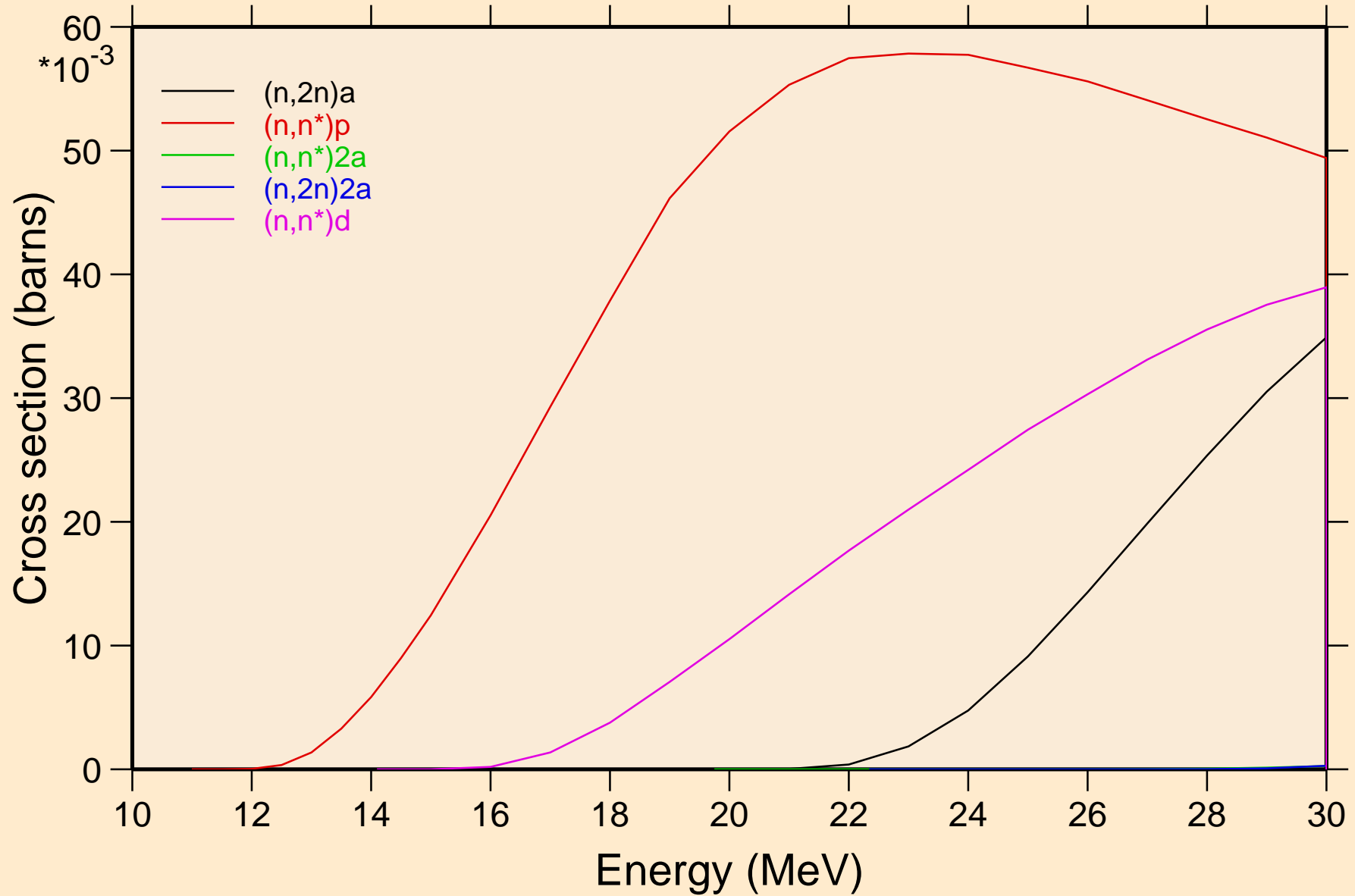


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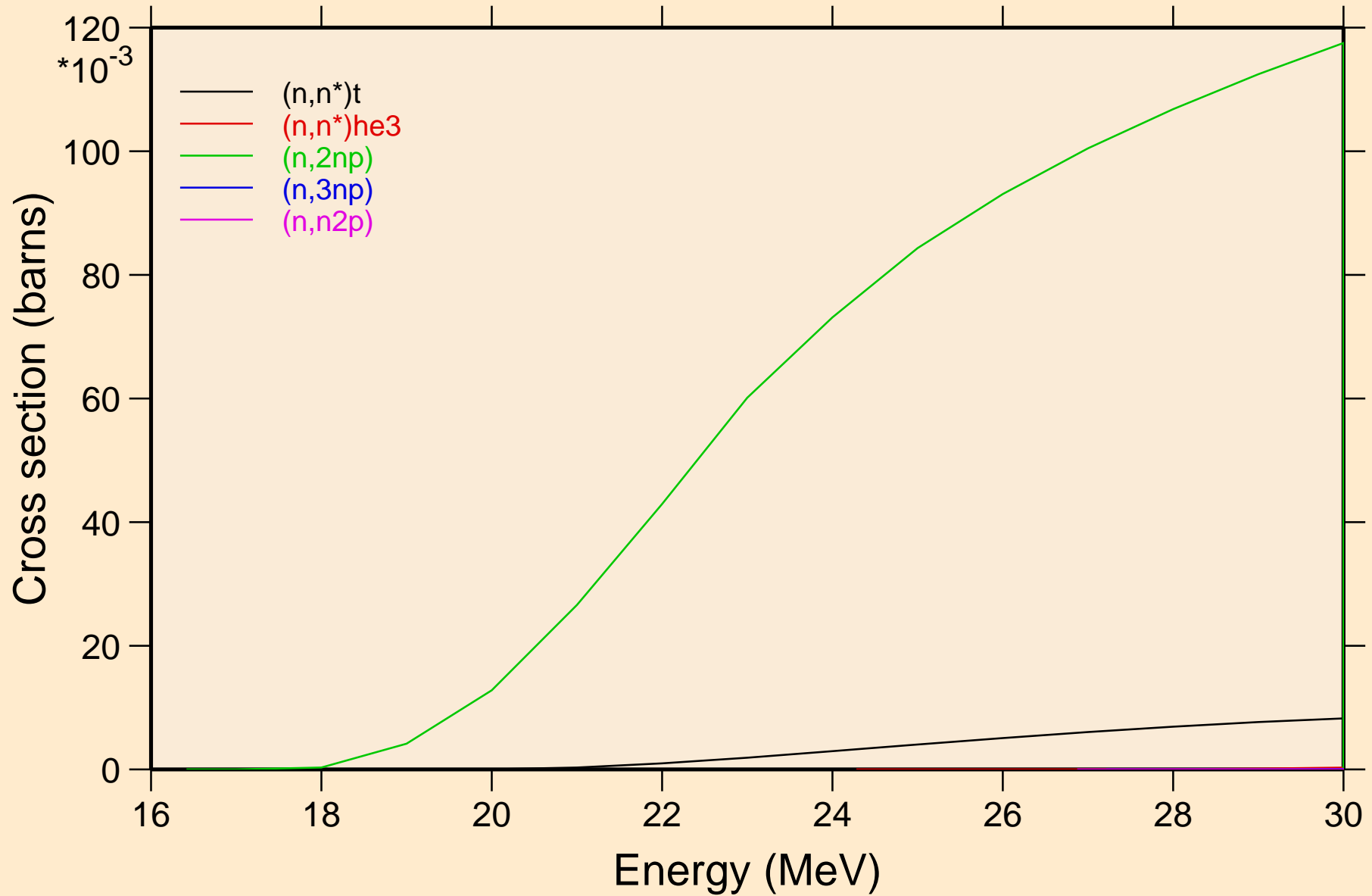
## Threshold reactions



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

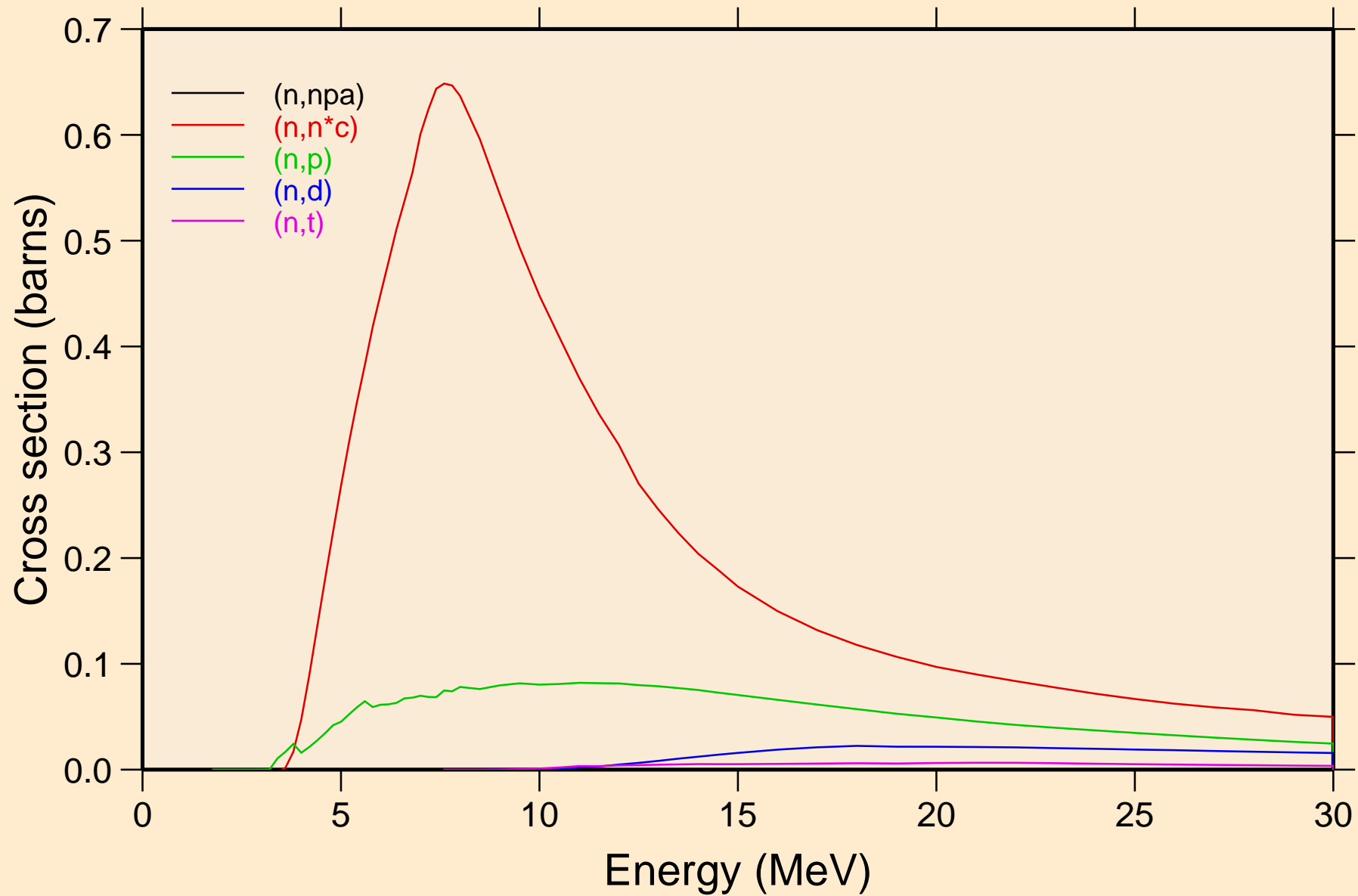


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



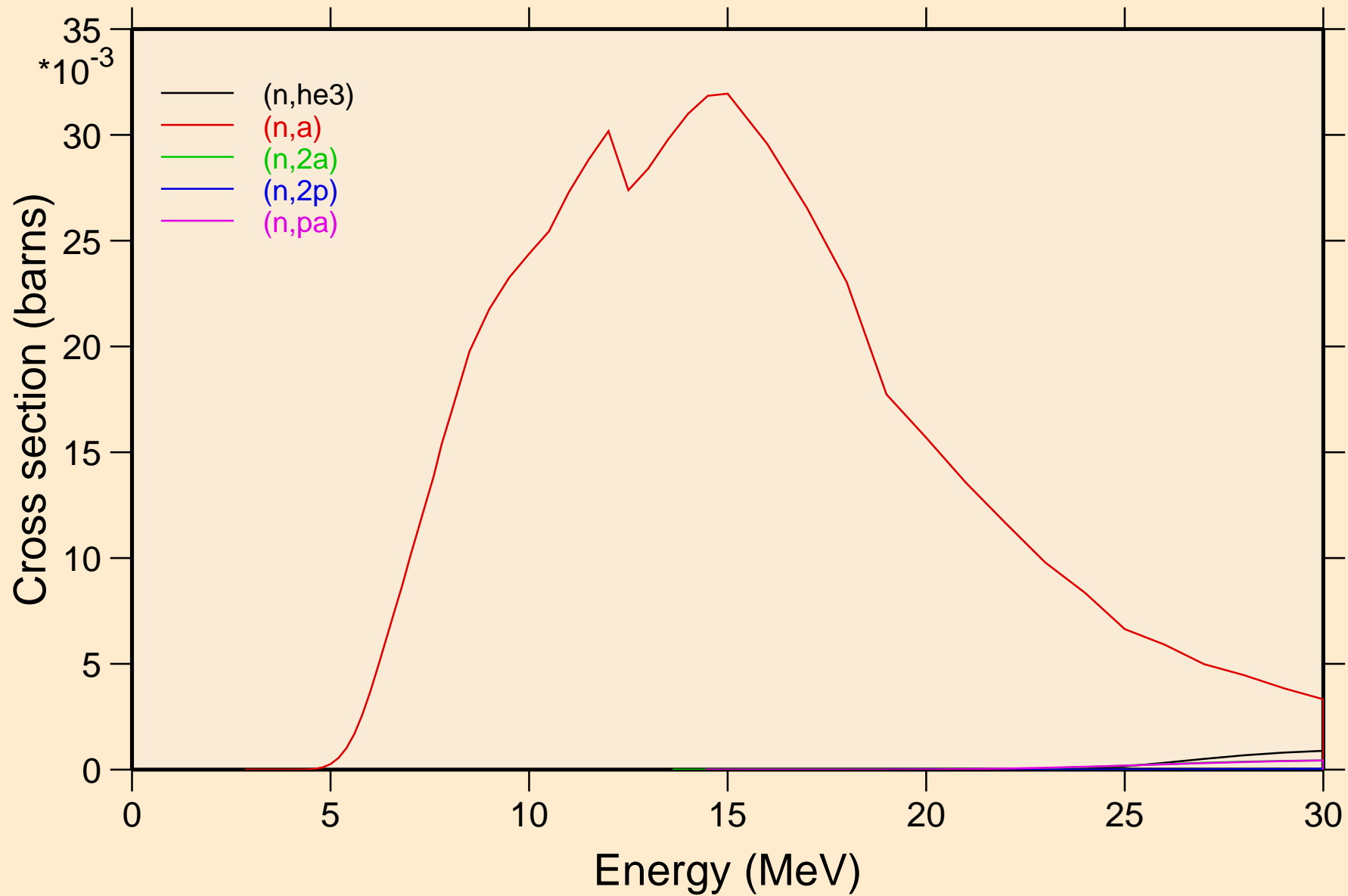
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## Threshold reactions



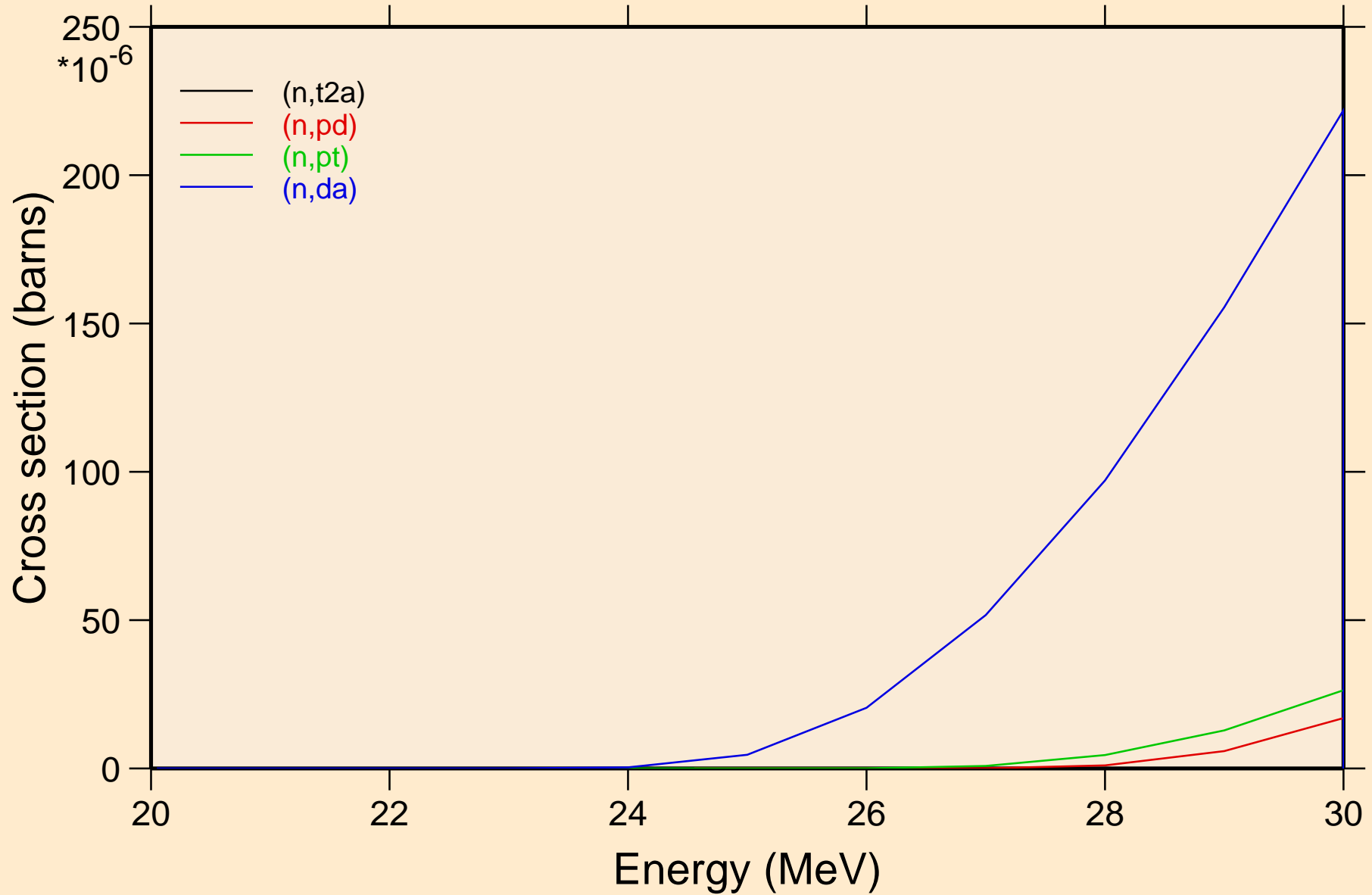
# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

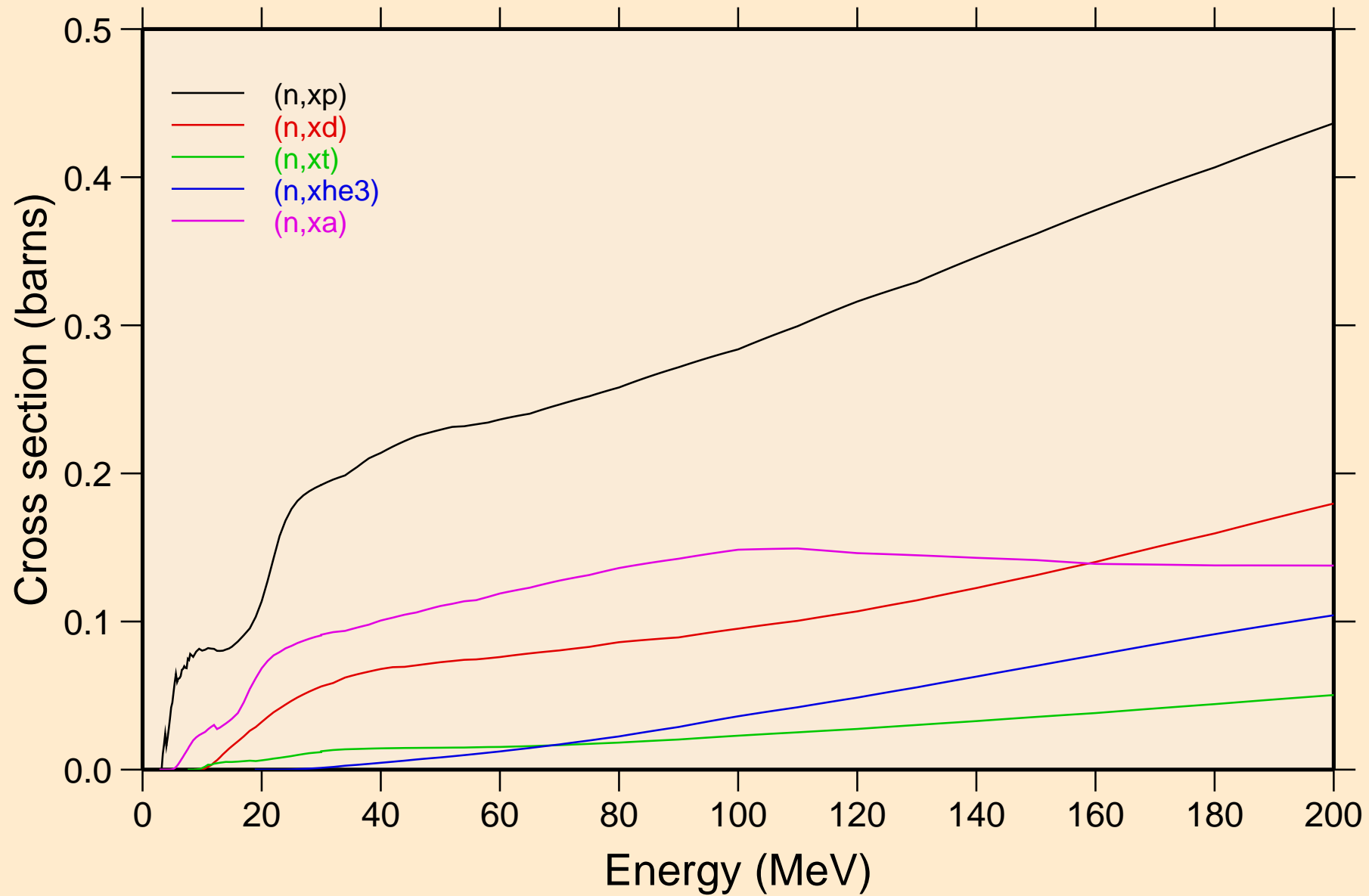
## Threshold reactions



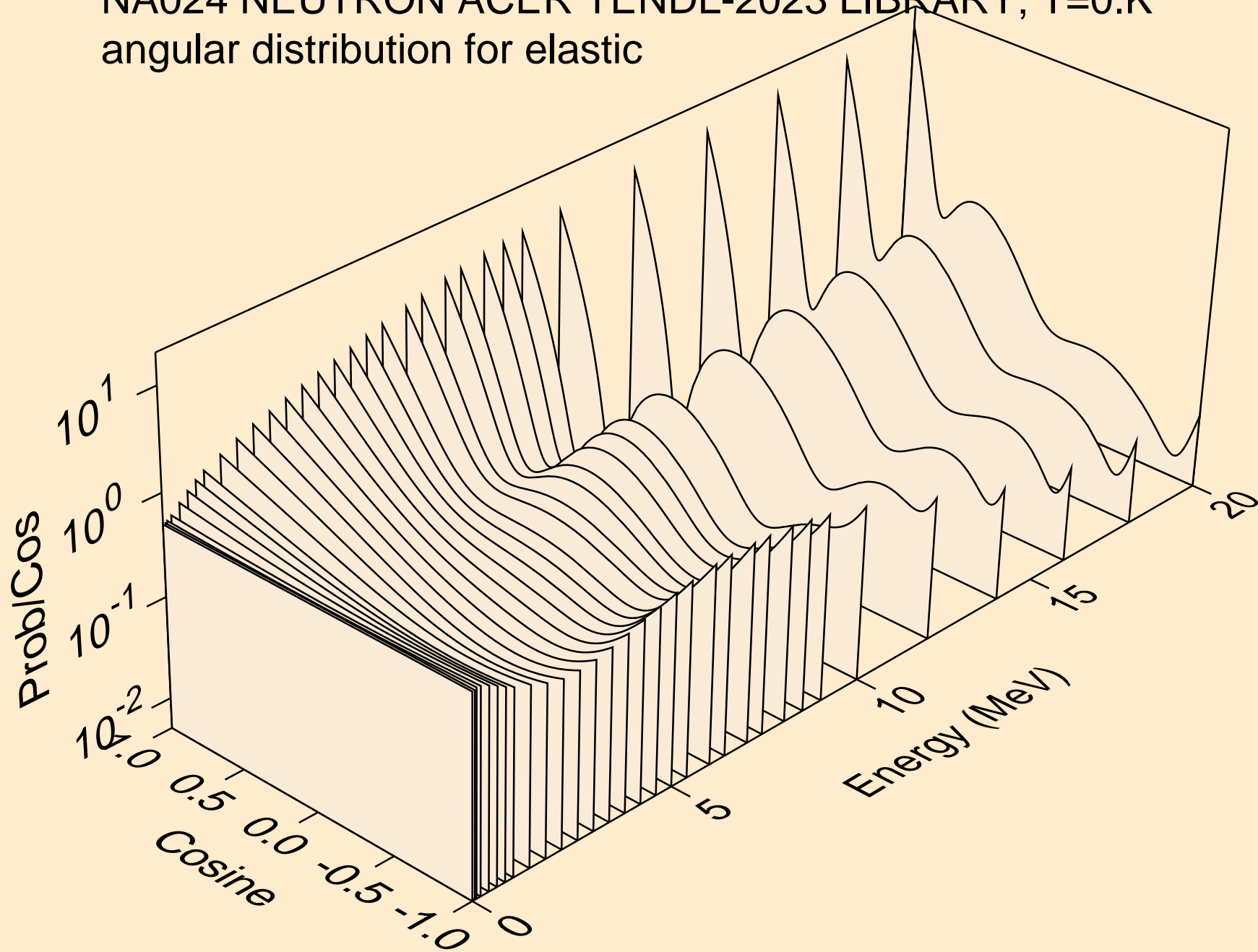


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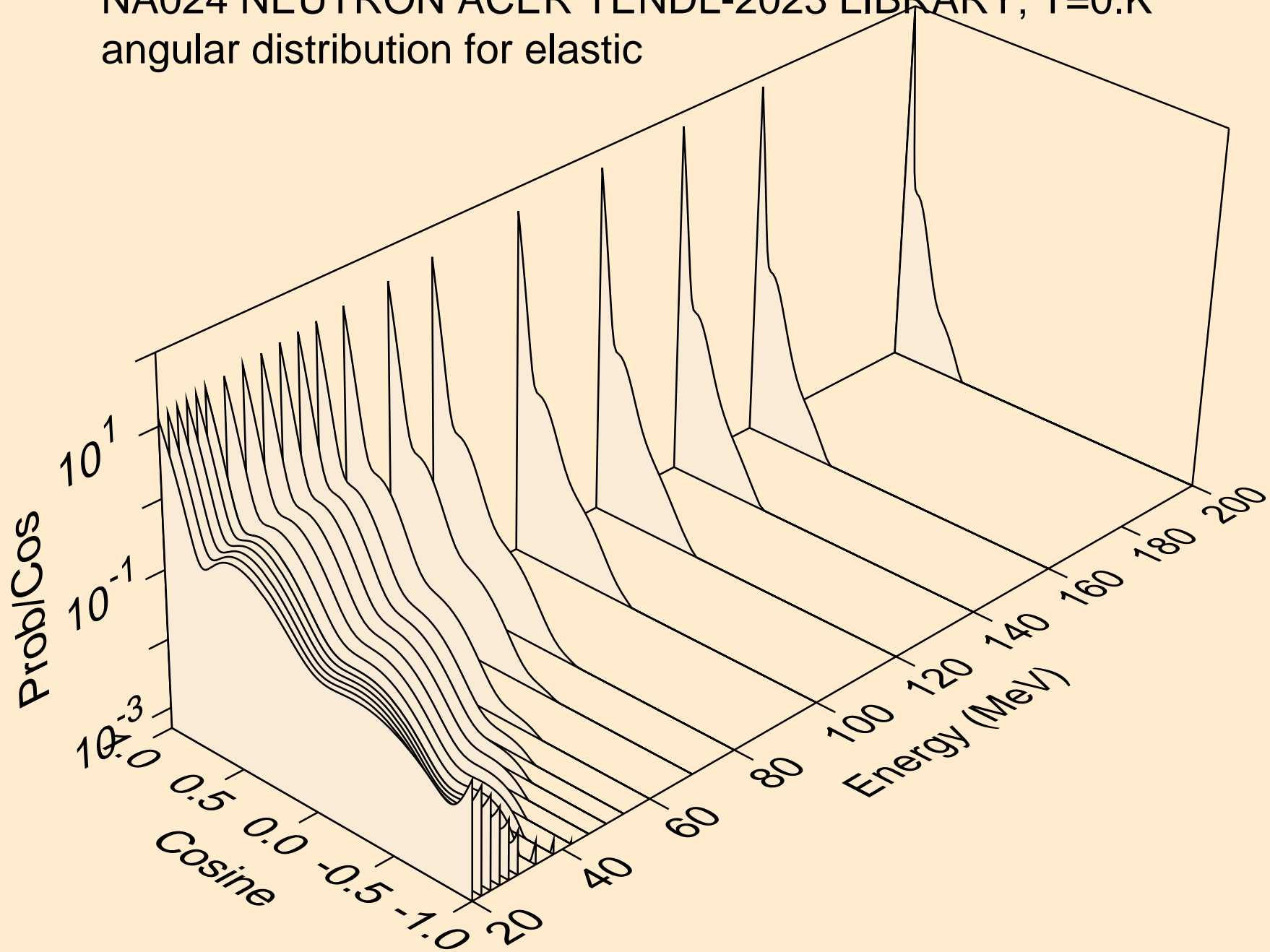
## Threshold reactions



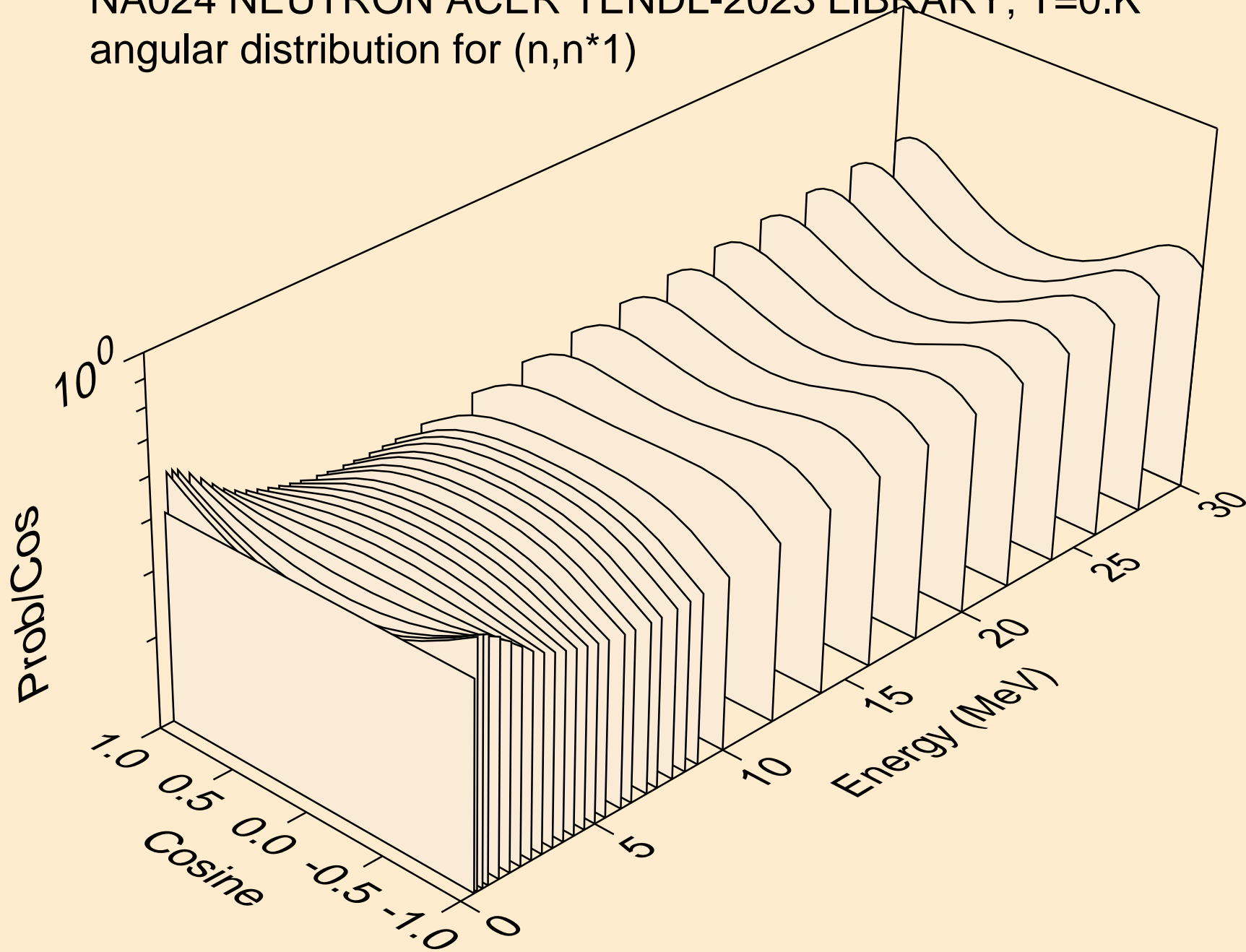
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



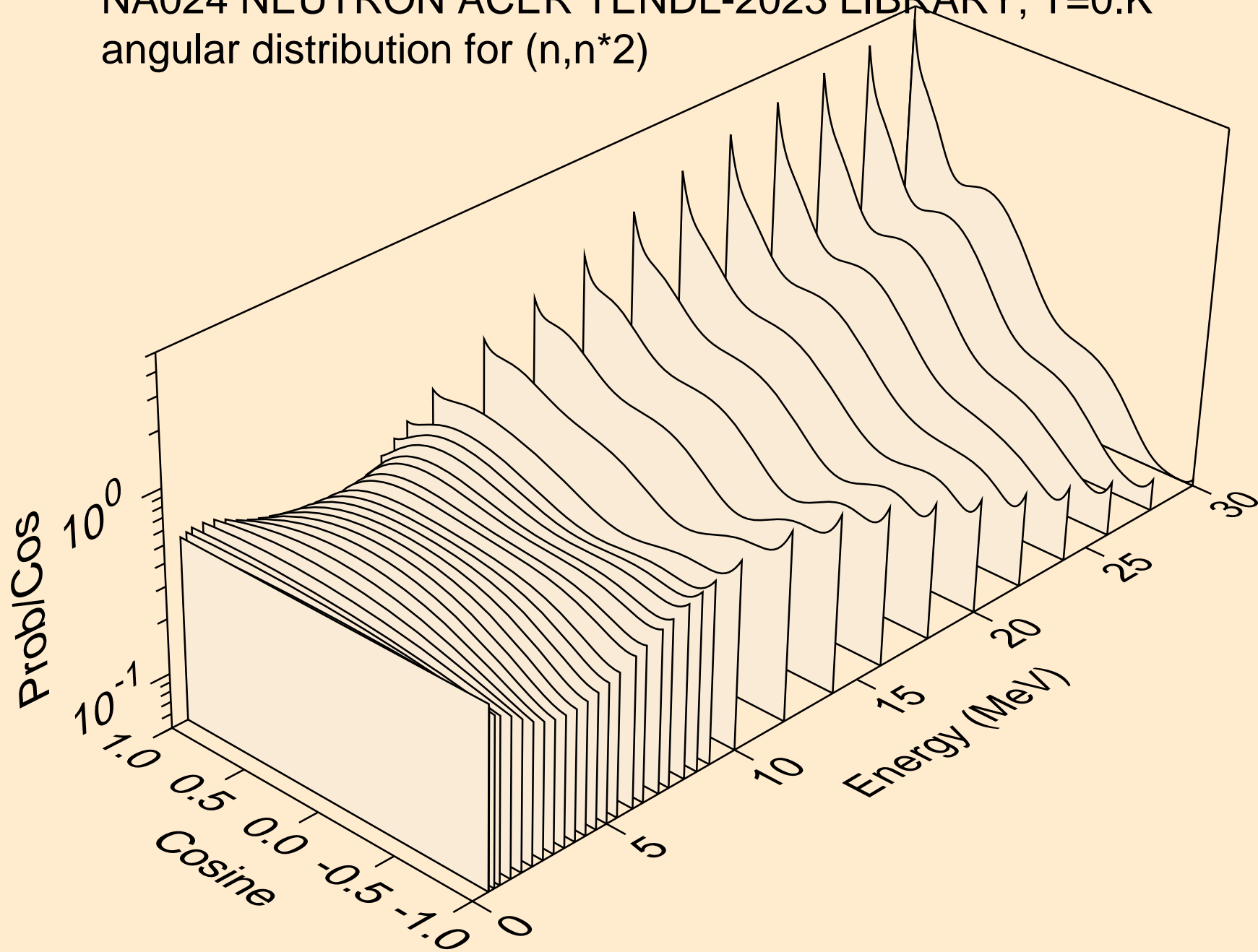
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angular distribution for elastic



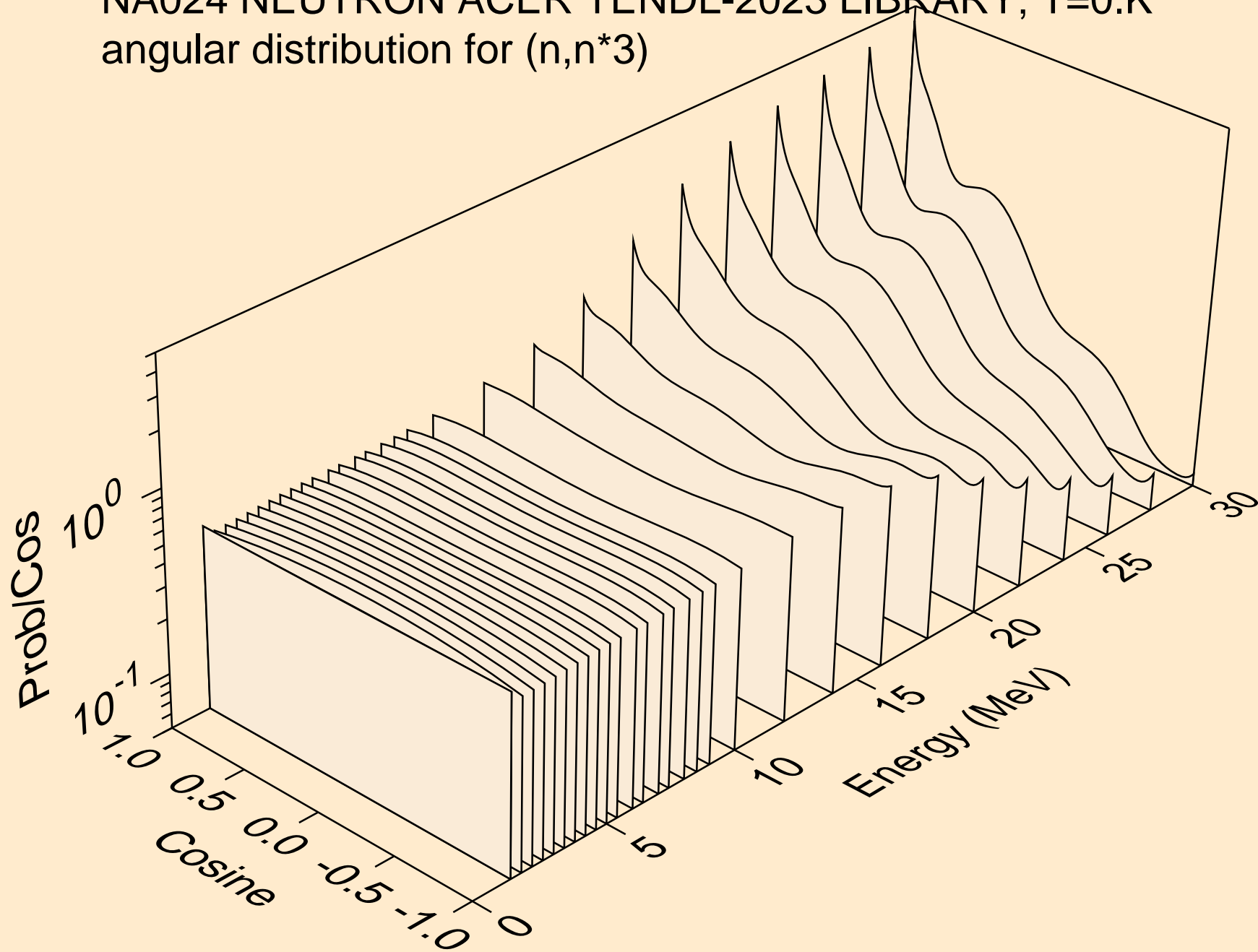
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angular distribution for (n,n\*1)



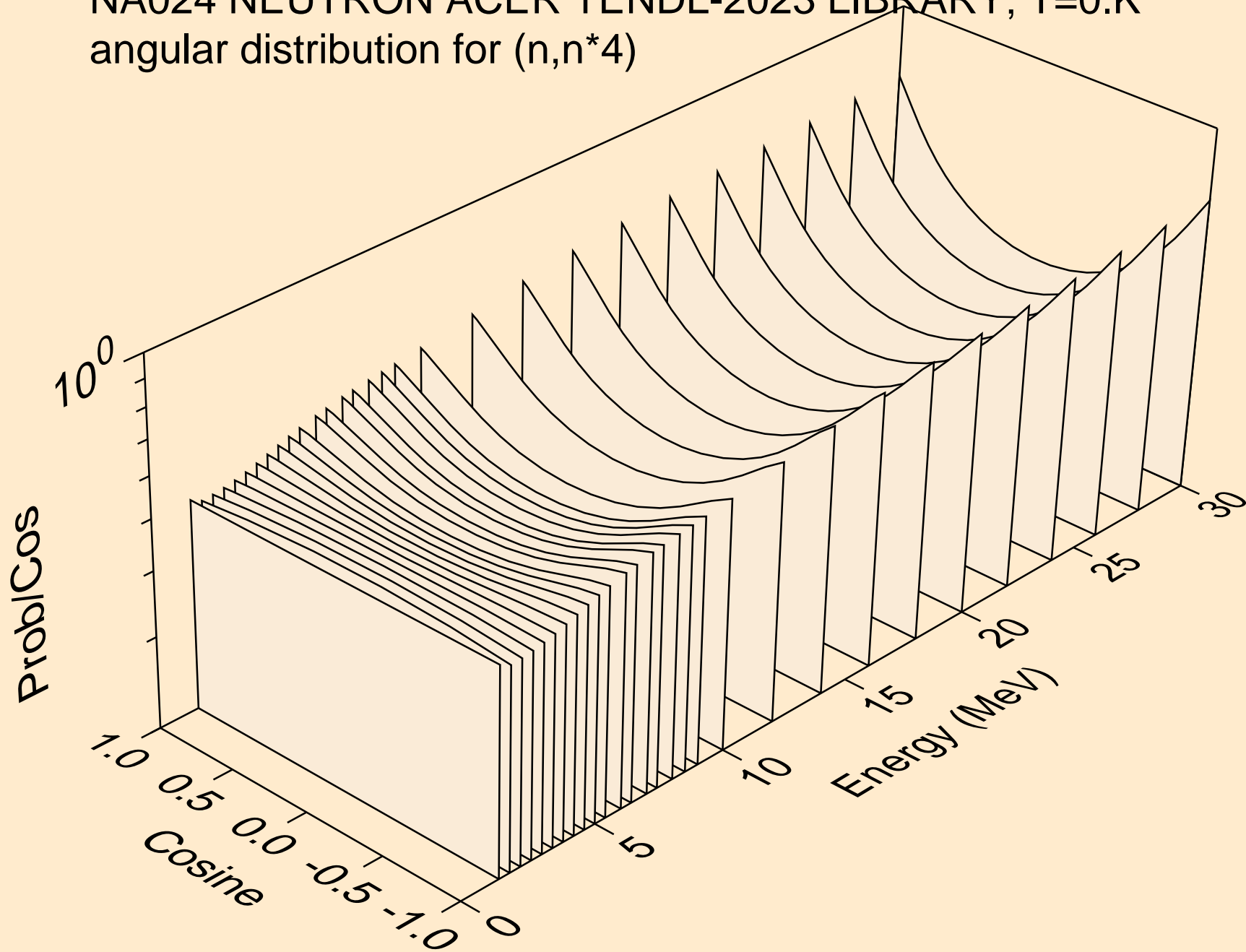
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angular distribution for (n,n\*2)



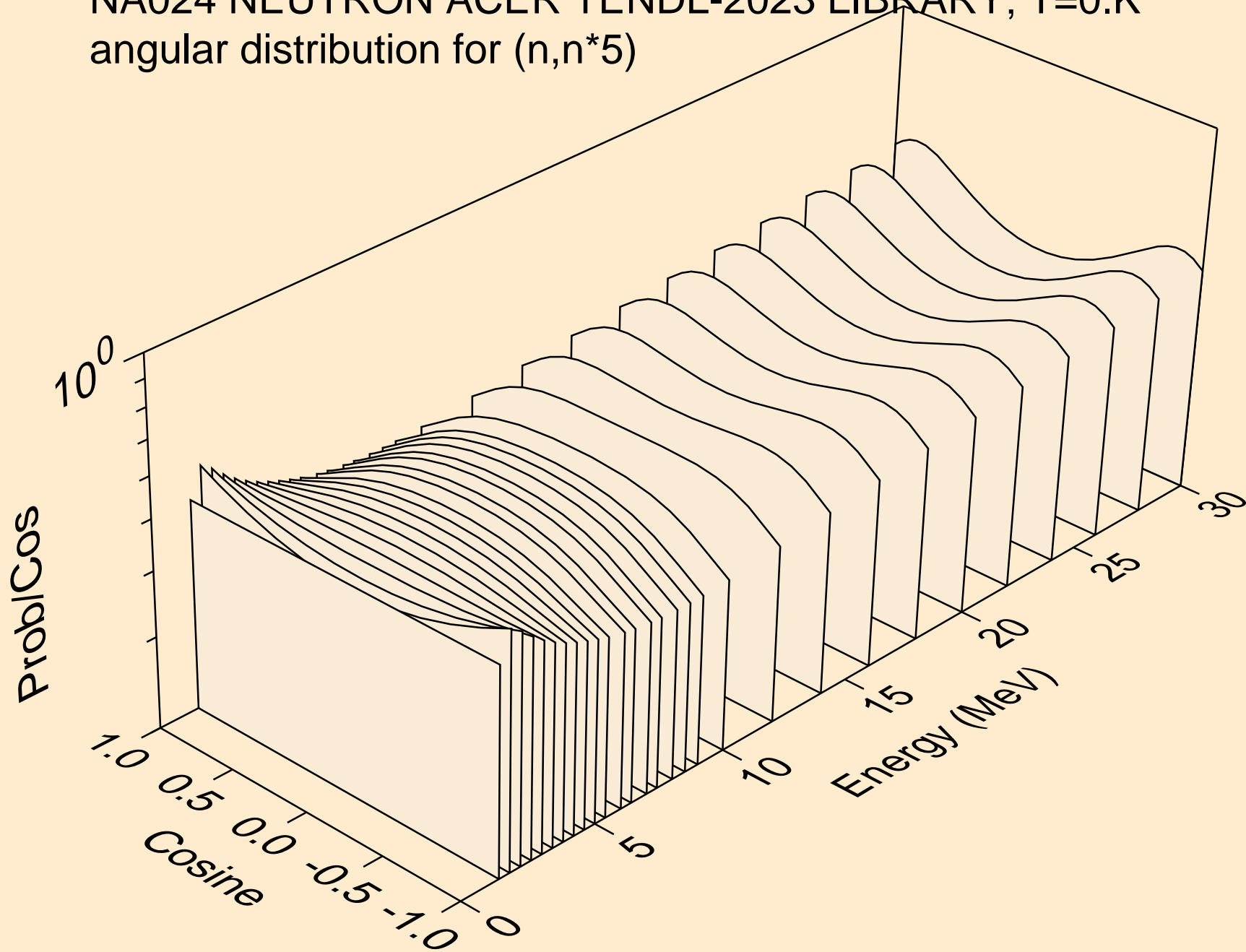
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

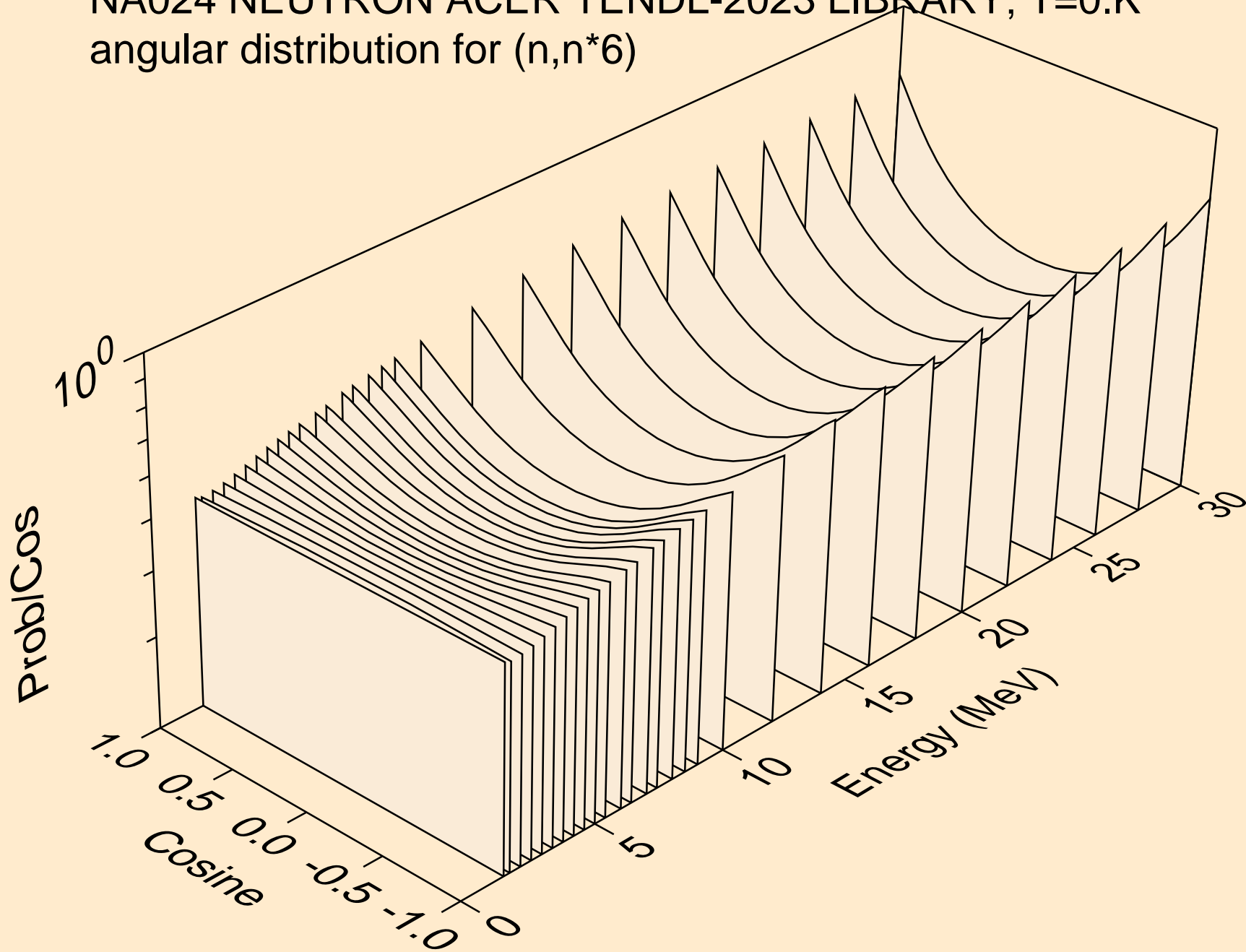


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angular distribution for (n,n\*5)

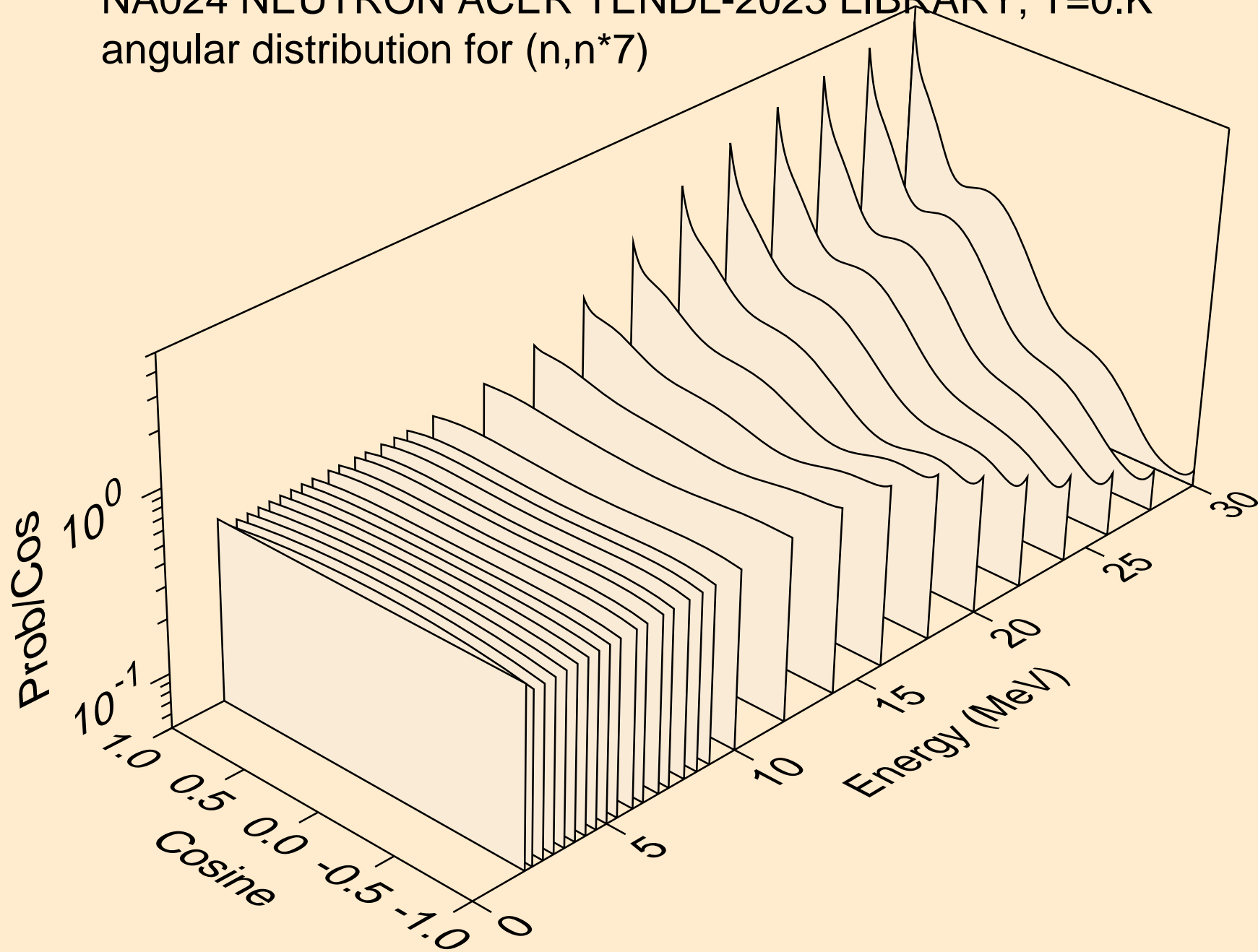




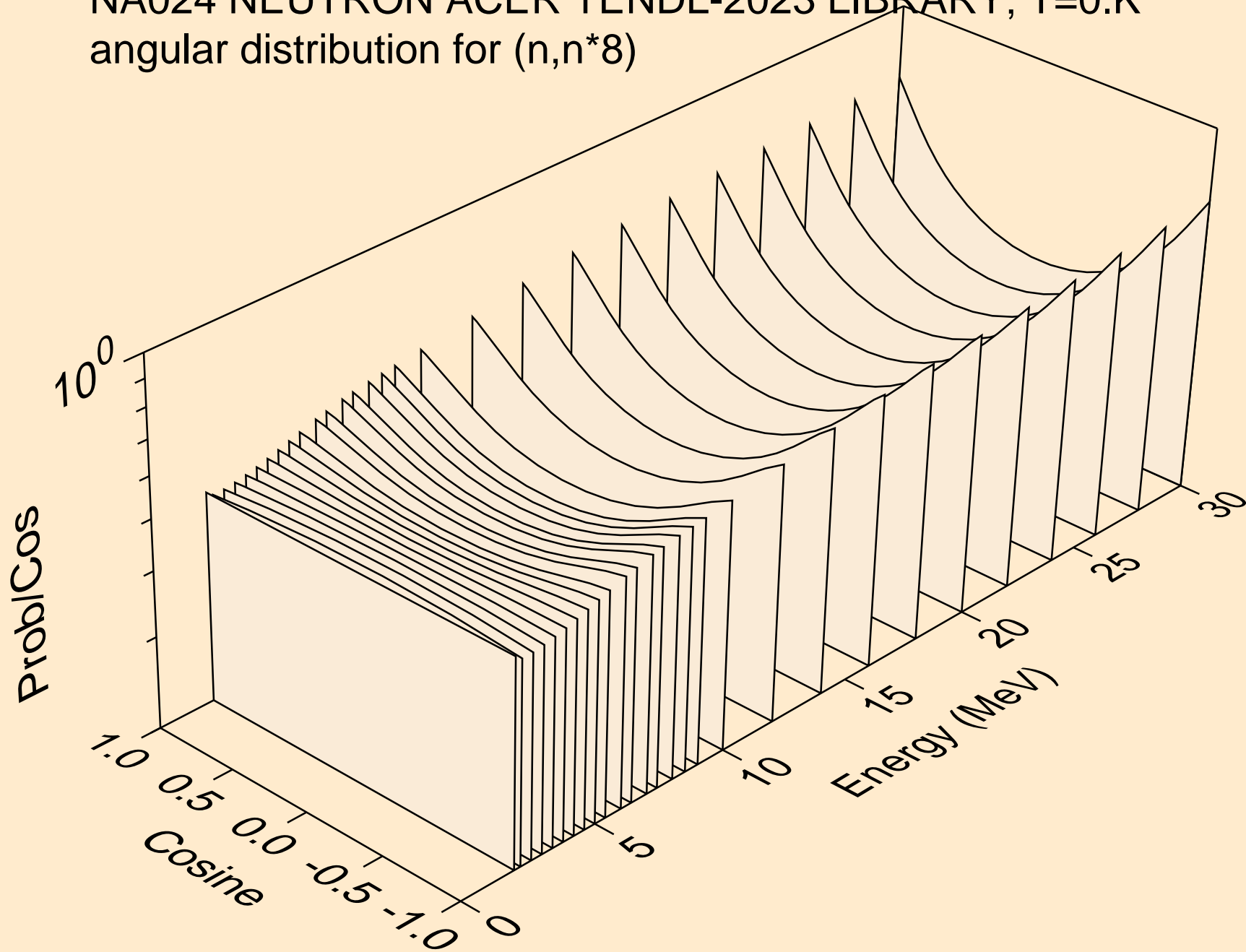
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angular distribution for (n,n\*6)



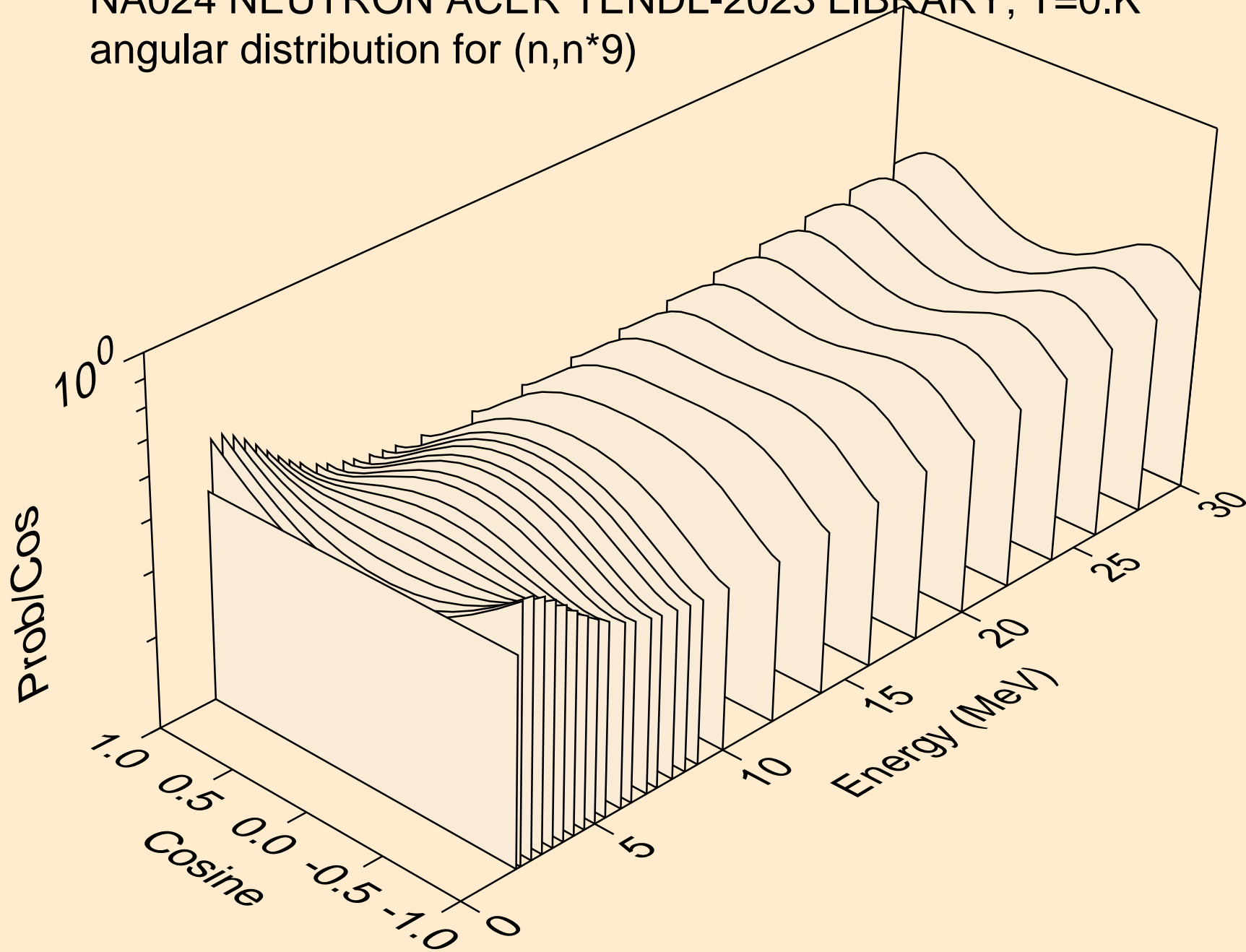
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angular distribution for (n,n\*7)



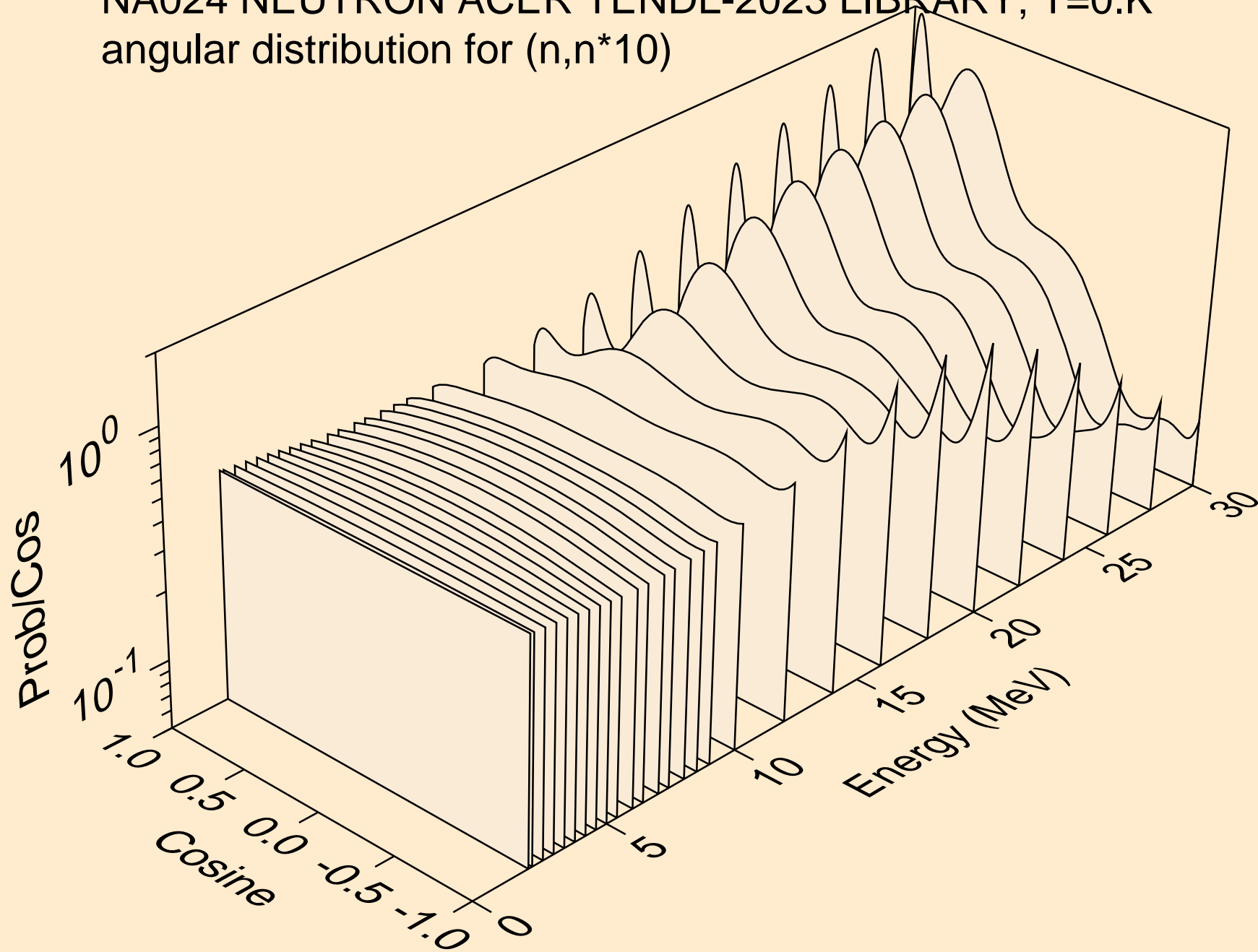
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angular distribution for (n,n\*8)



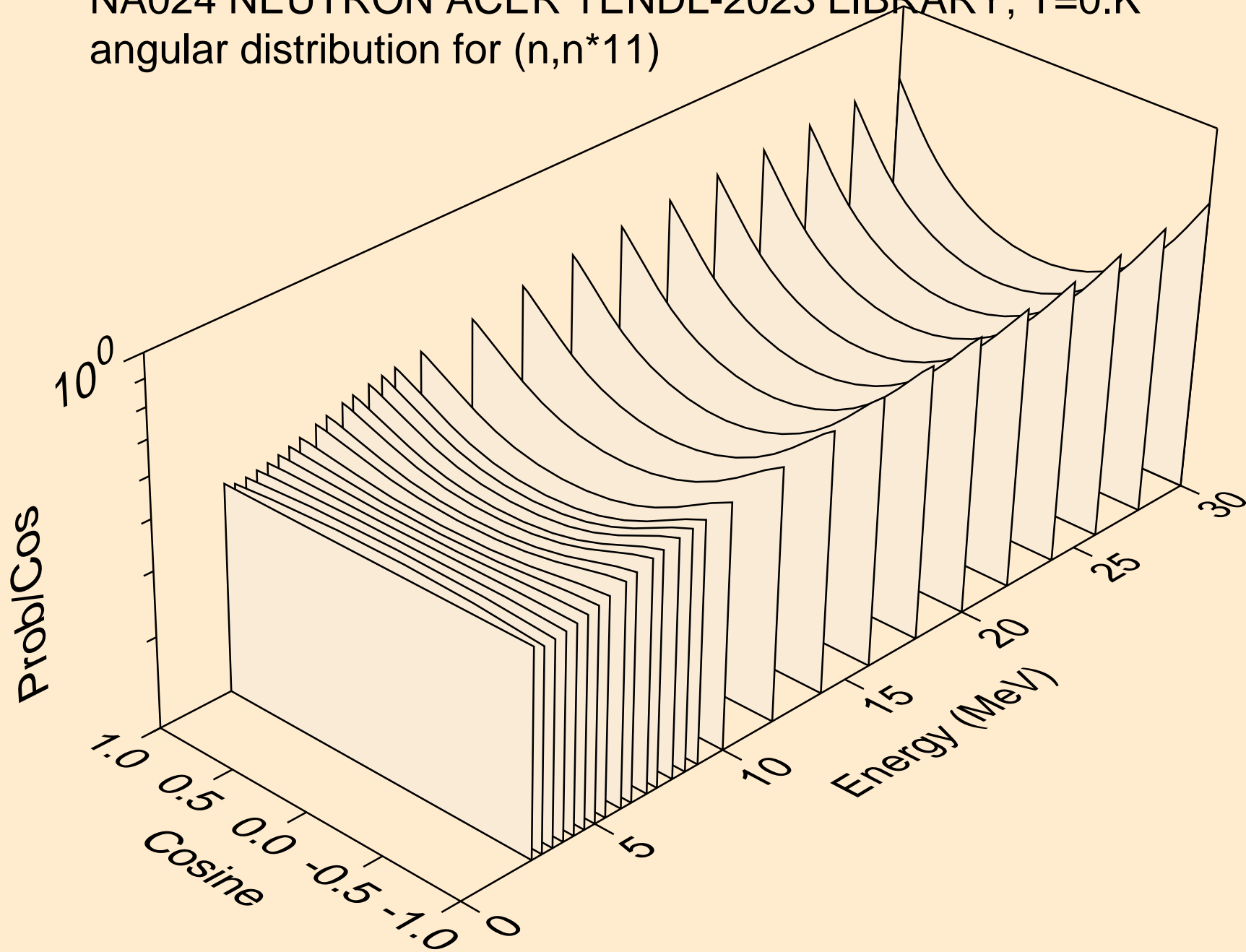
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angular distribution for (n,n\*9)



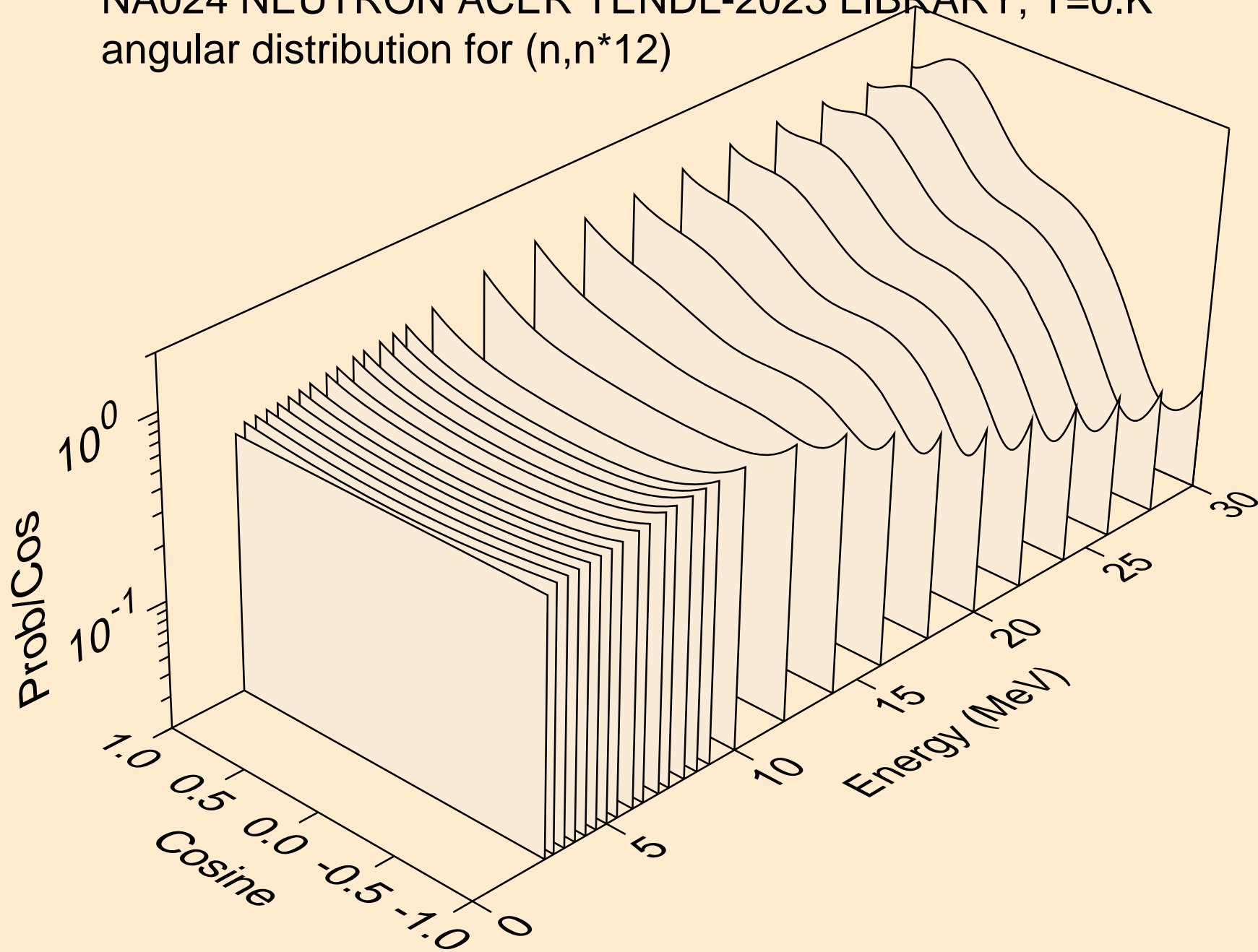
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angular distribution for (n,n\*10)



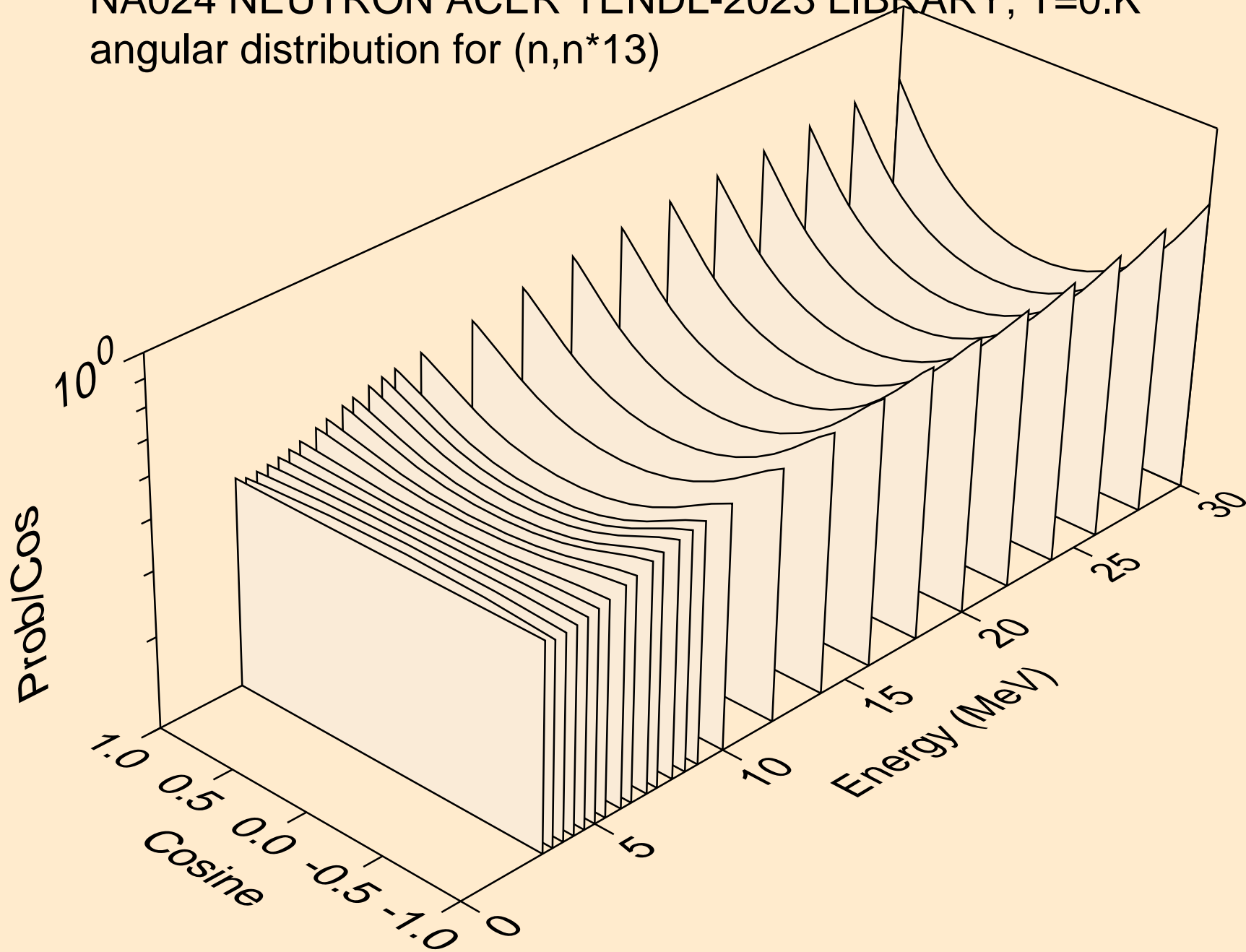
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

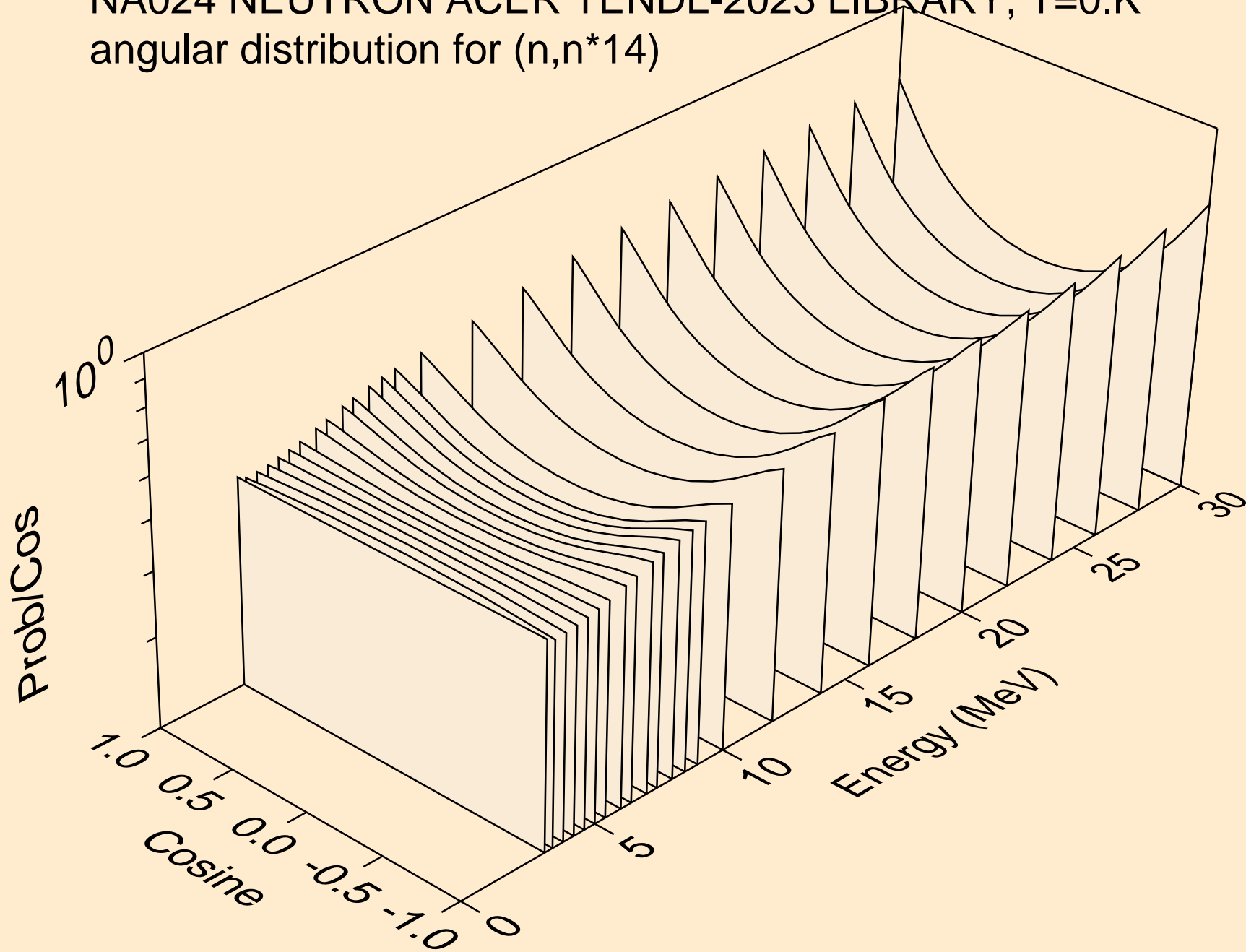


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angular distribution for (n,n\*13)

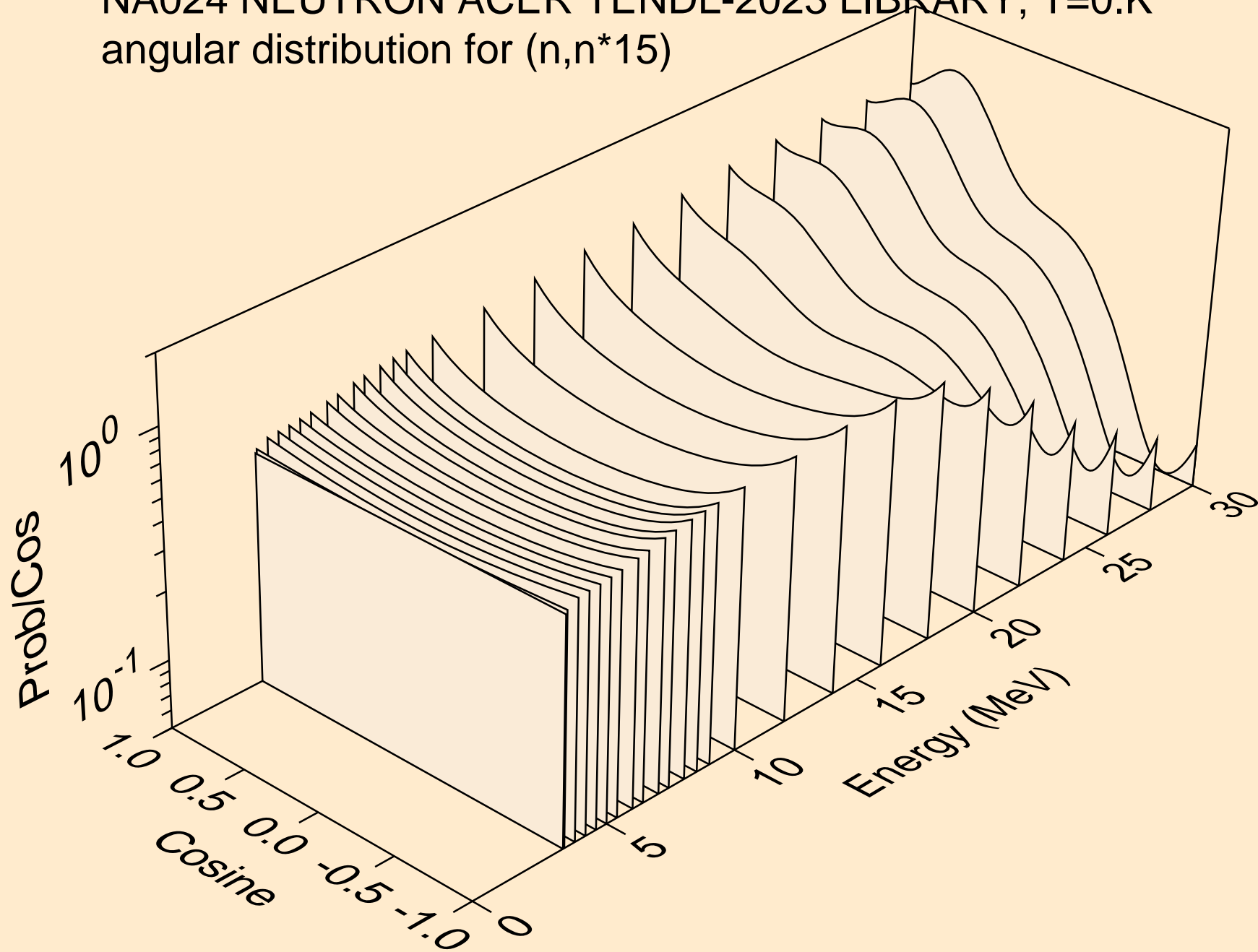




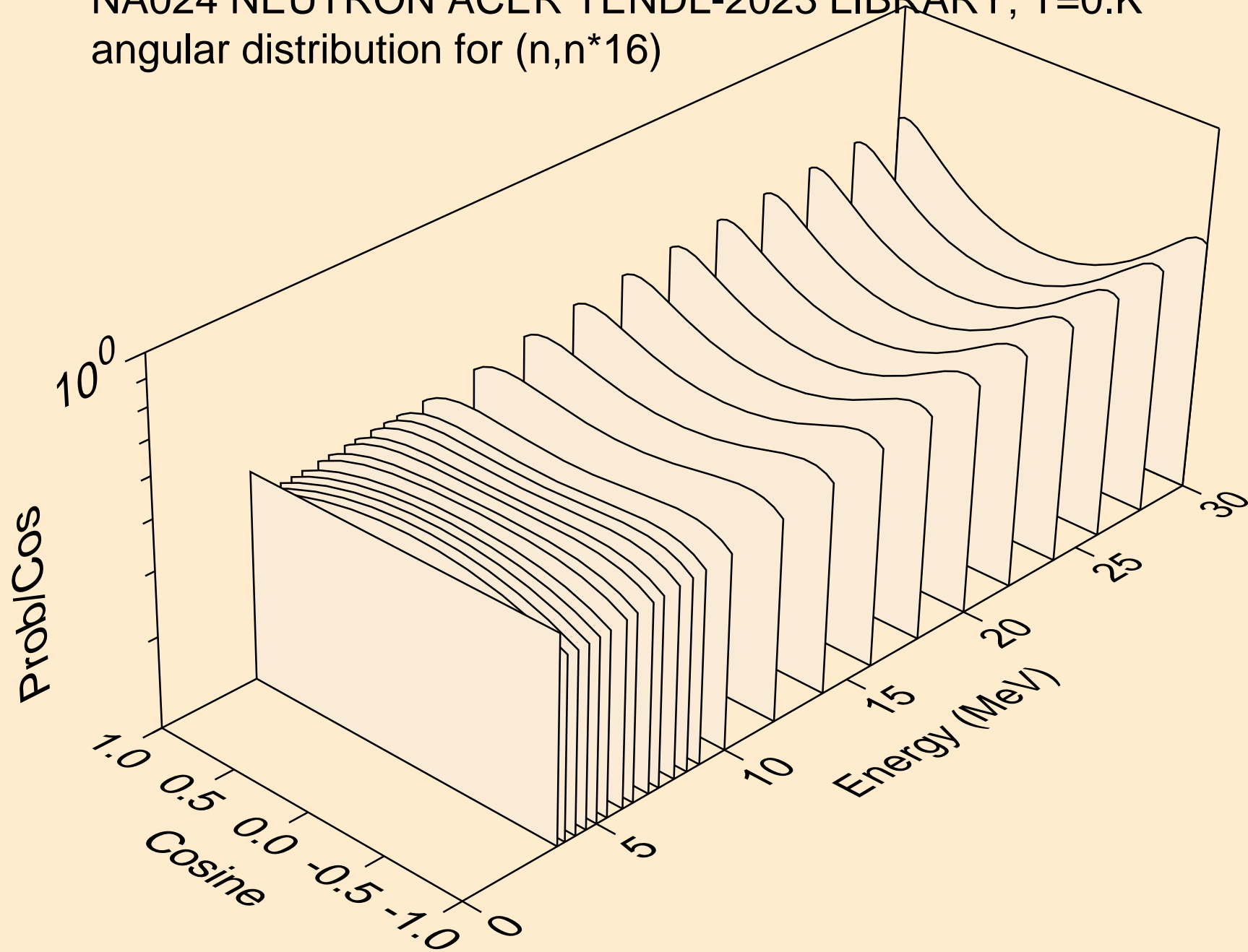
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angular distribution for (n,n\*14)



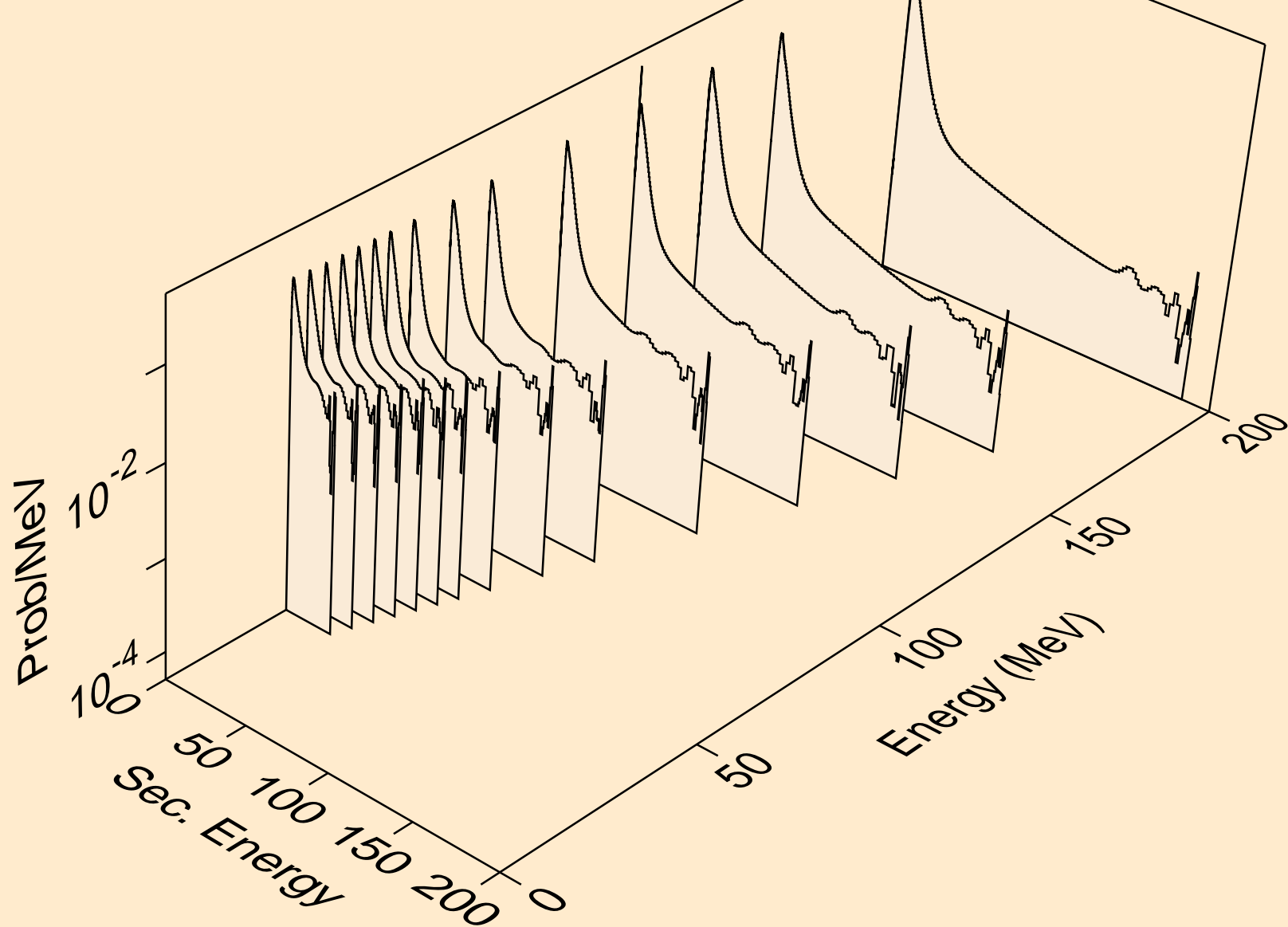
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angular distribution for (n,n\*15)



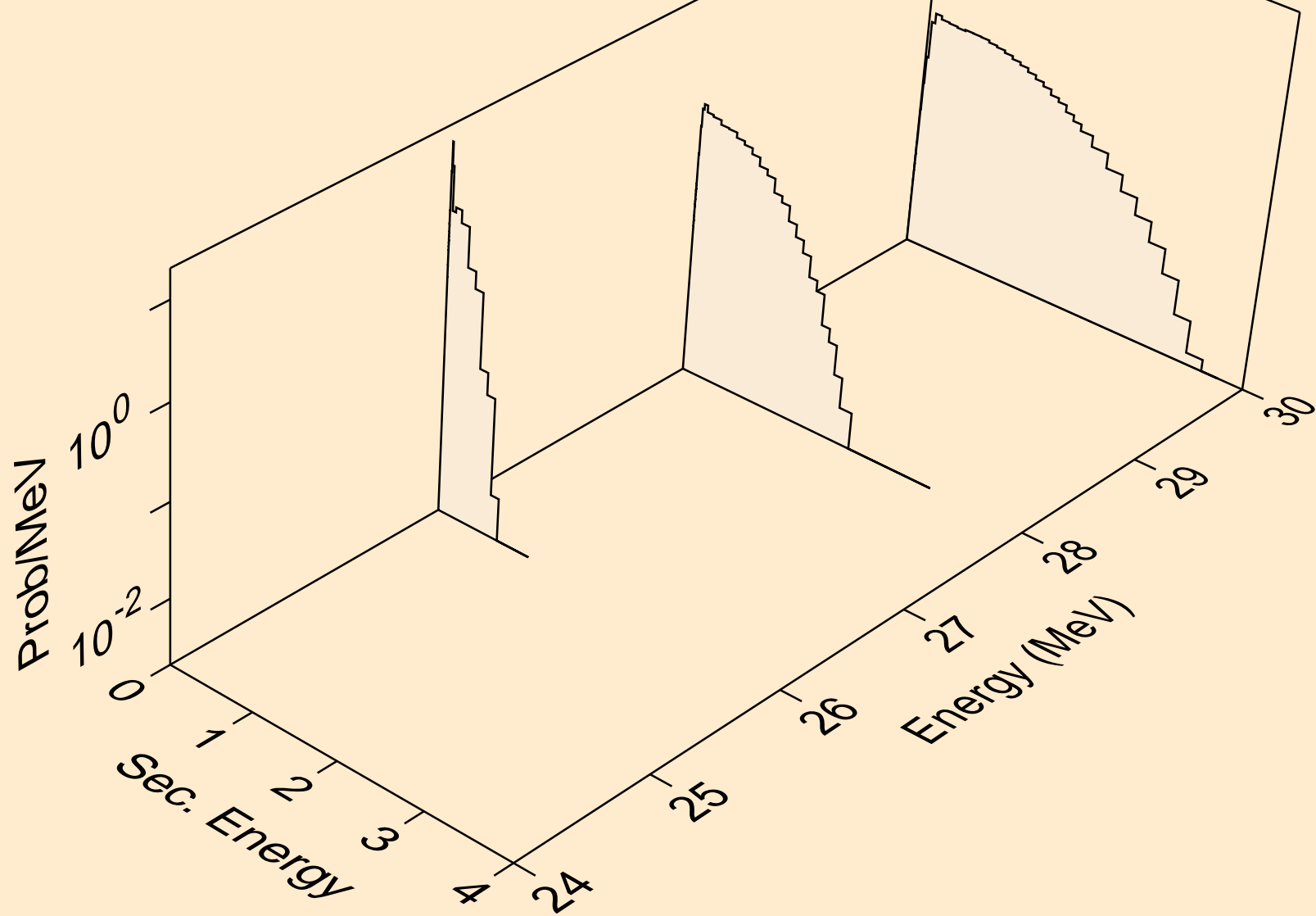
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angular distribution for (n,n\*16)



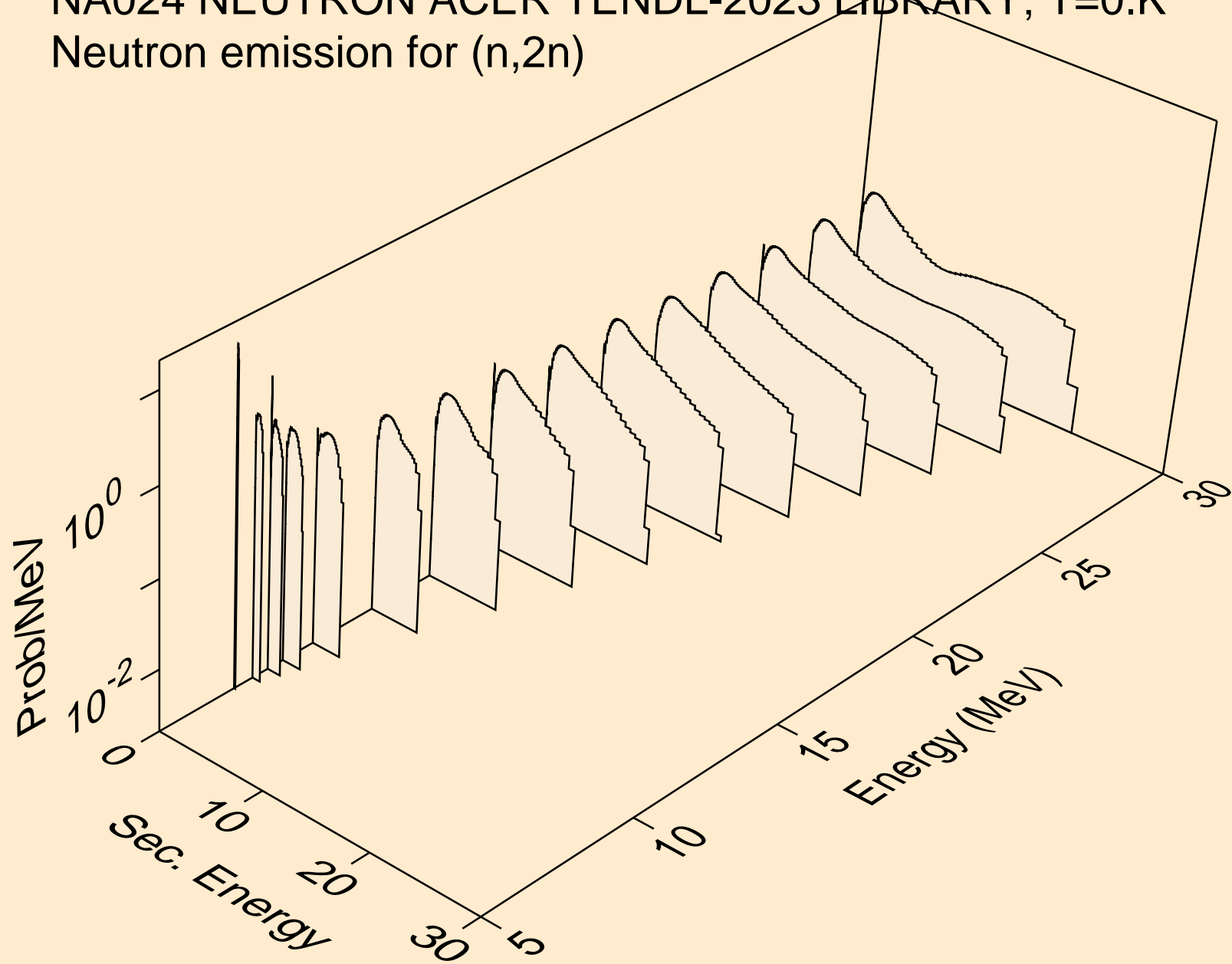
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



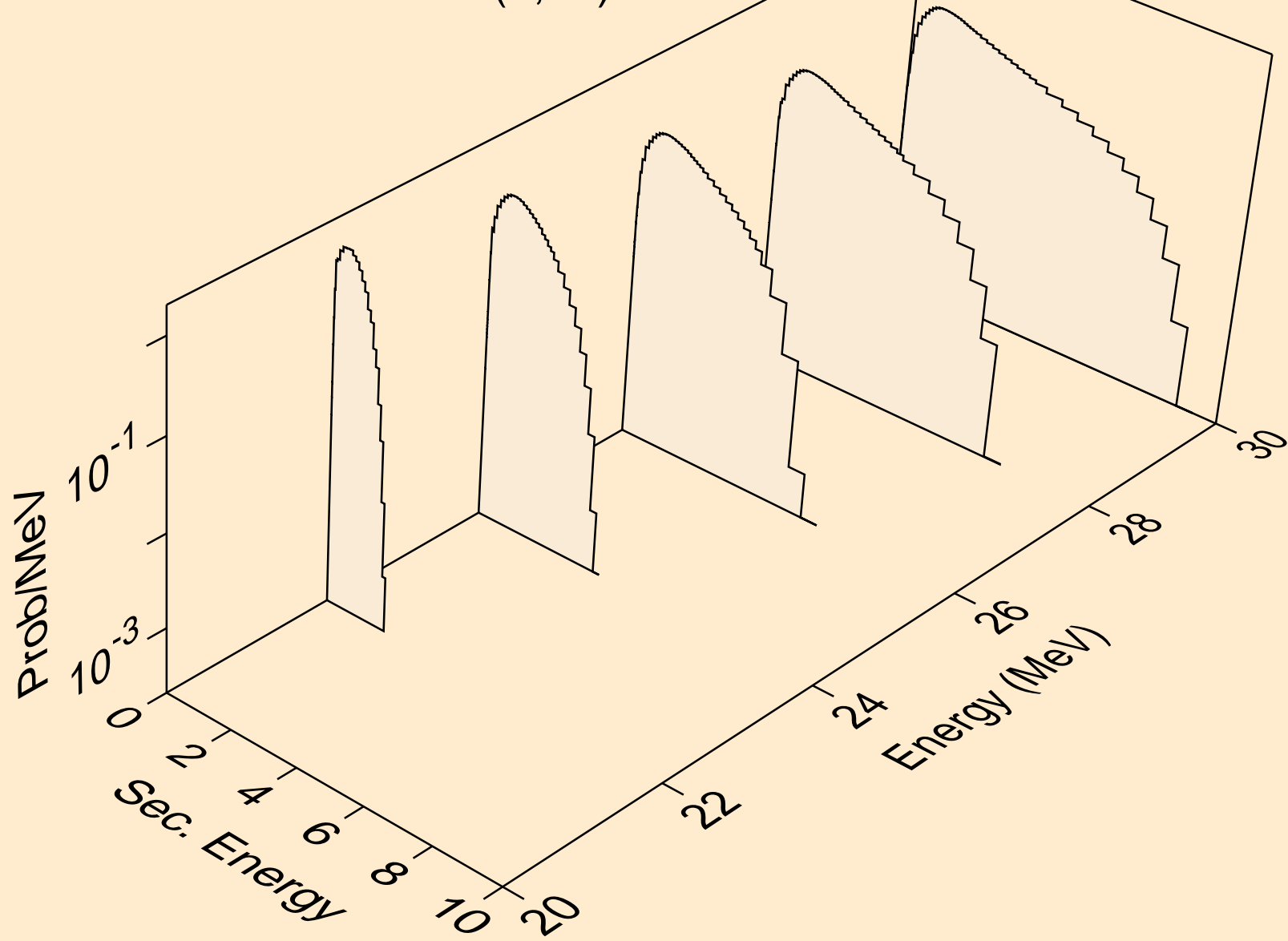
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



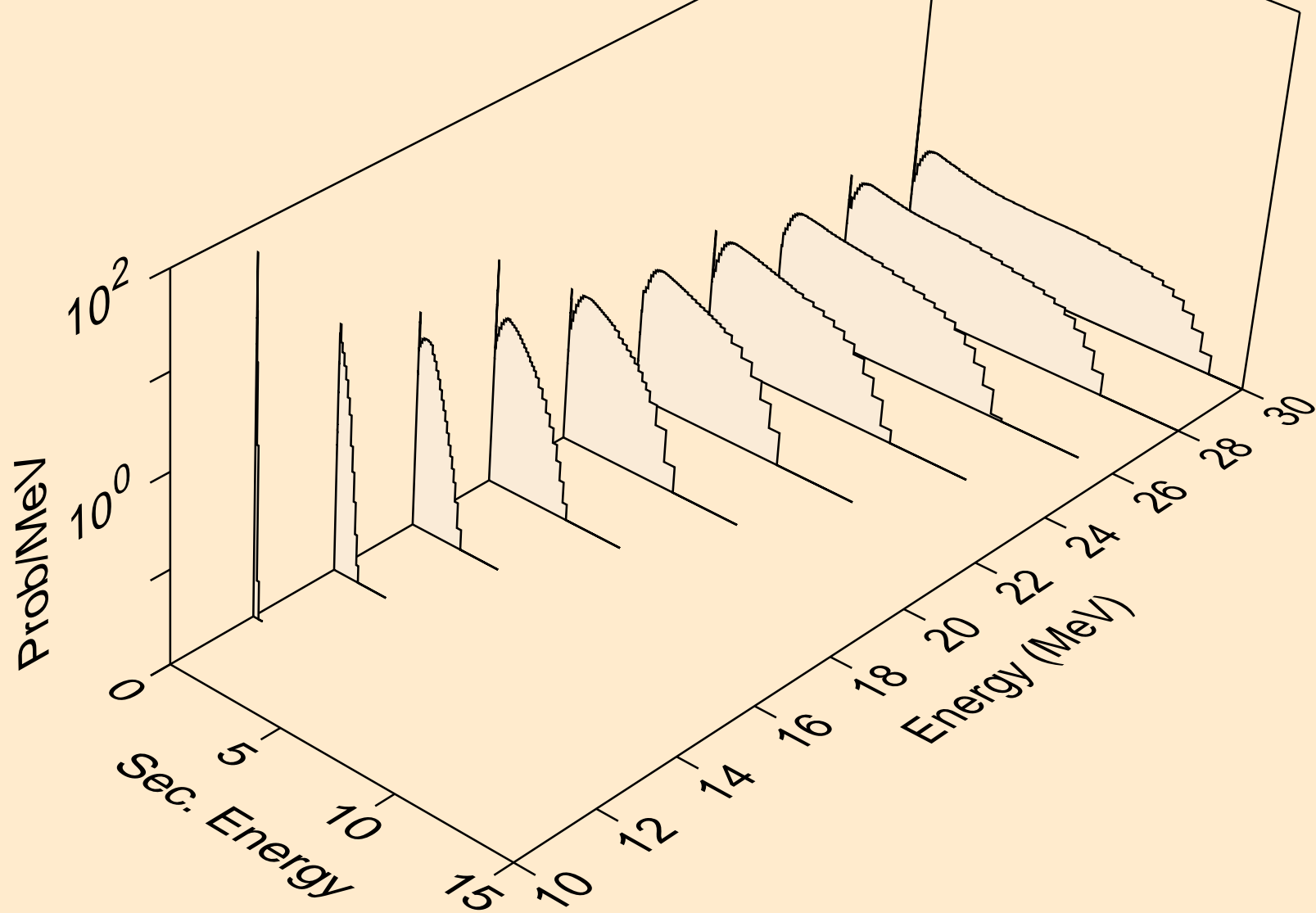
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

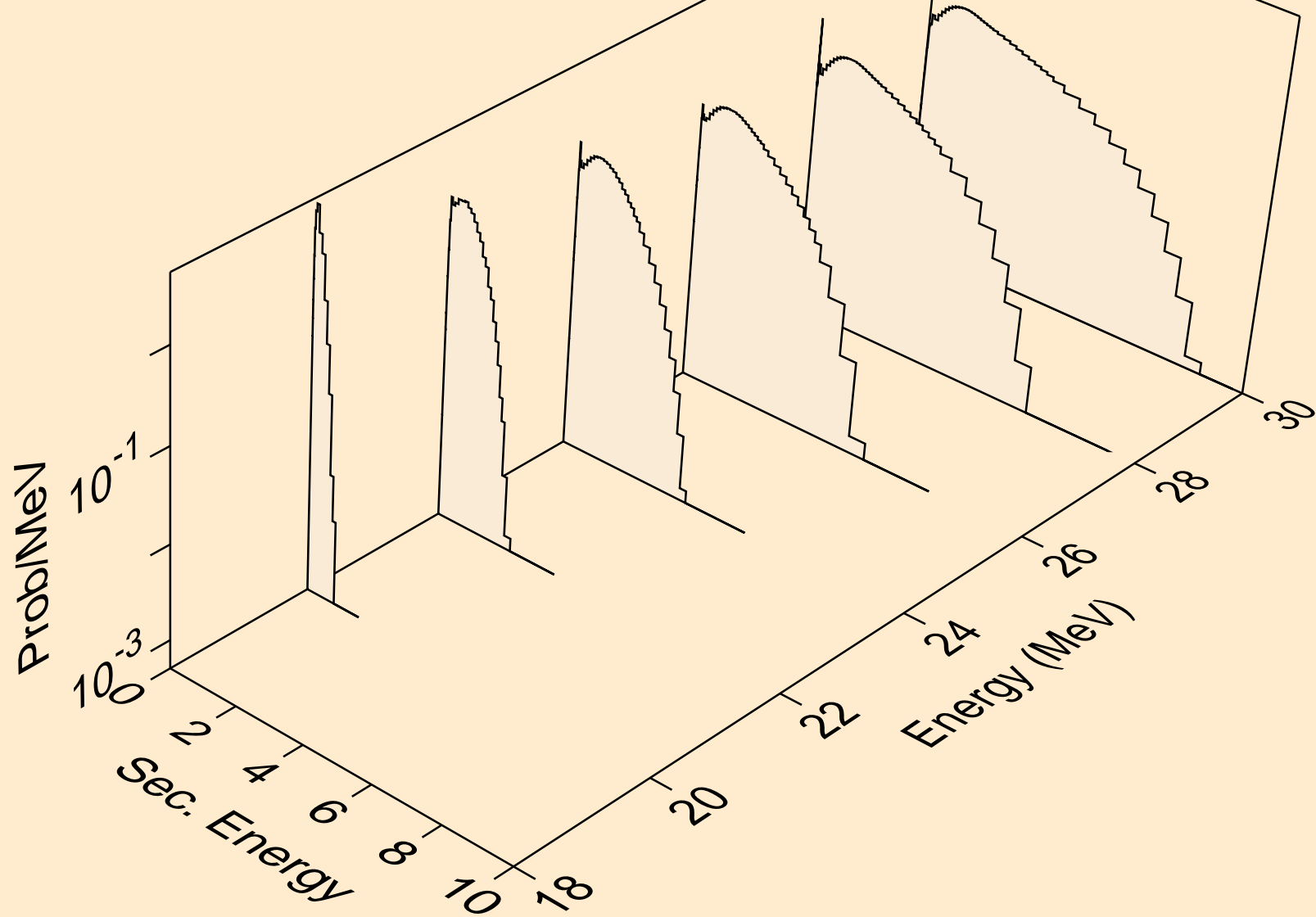


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

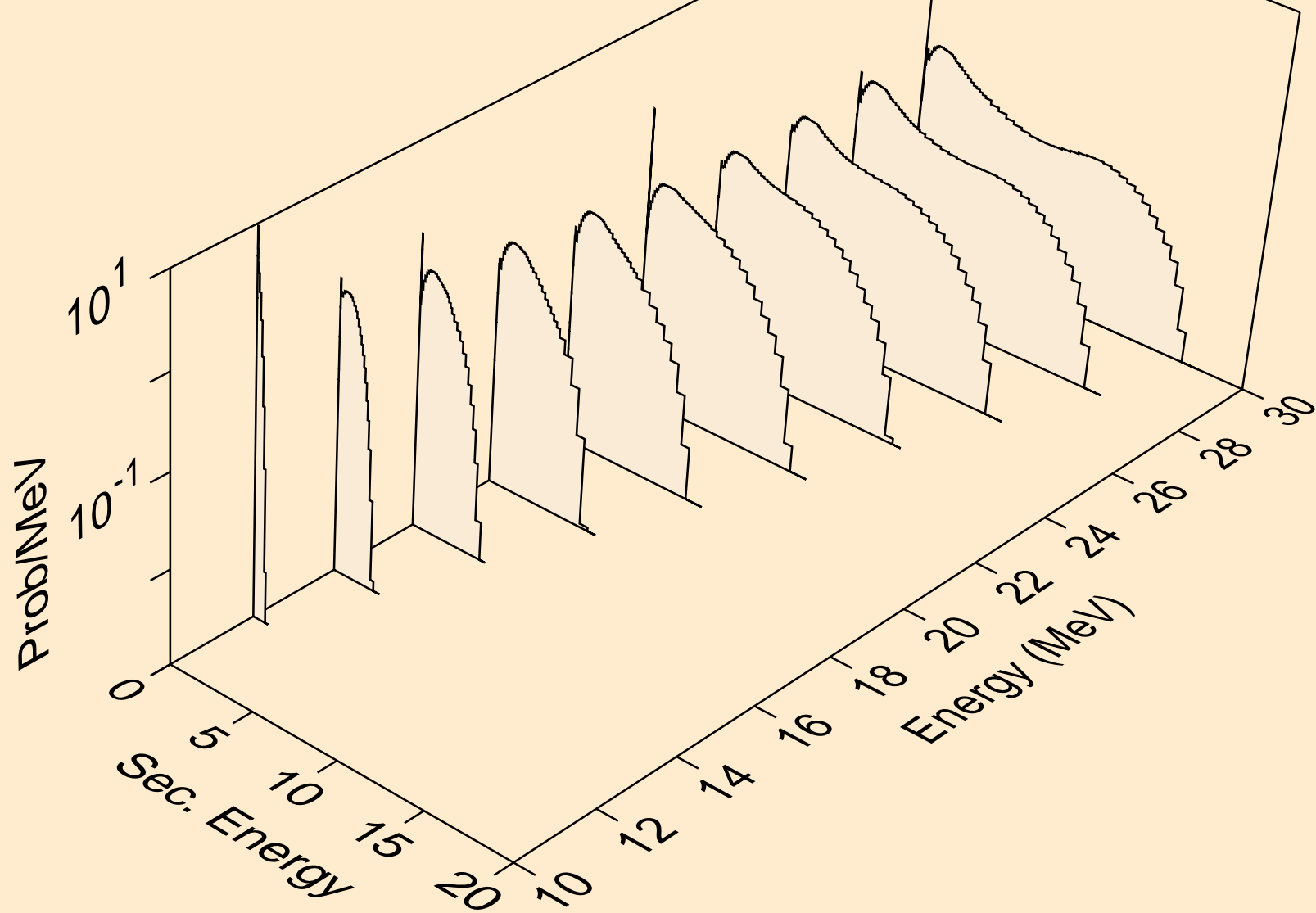




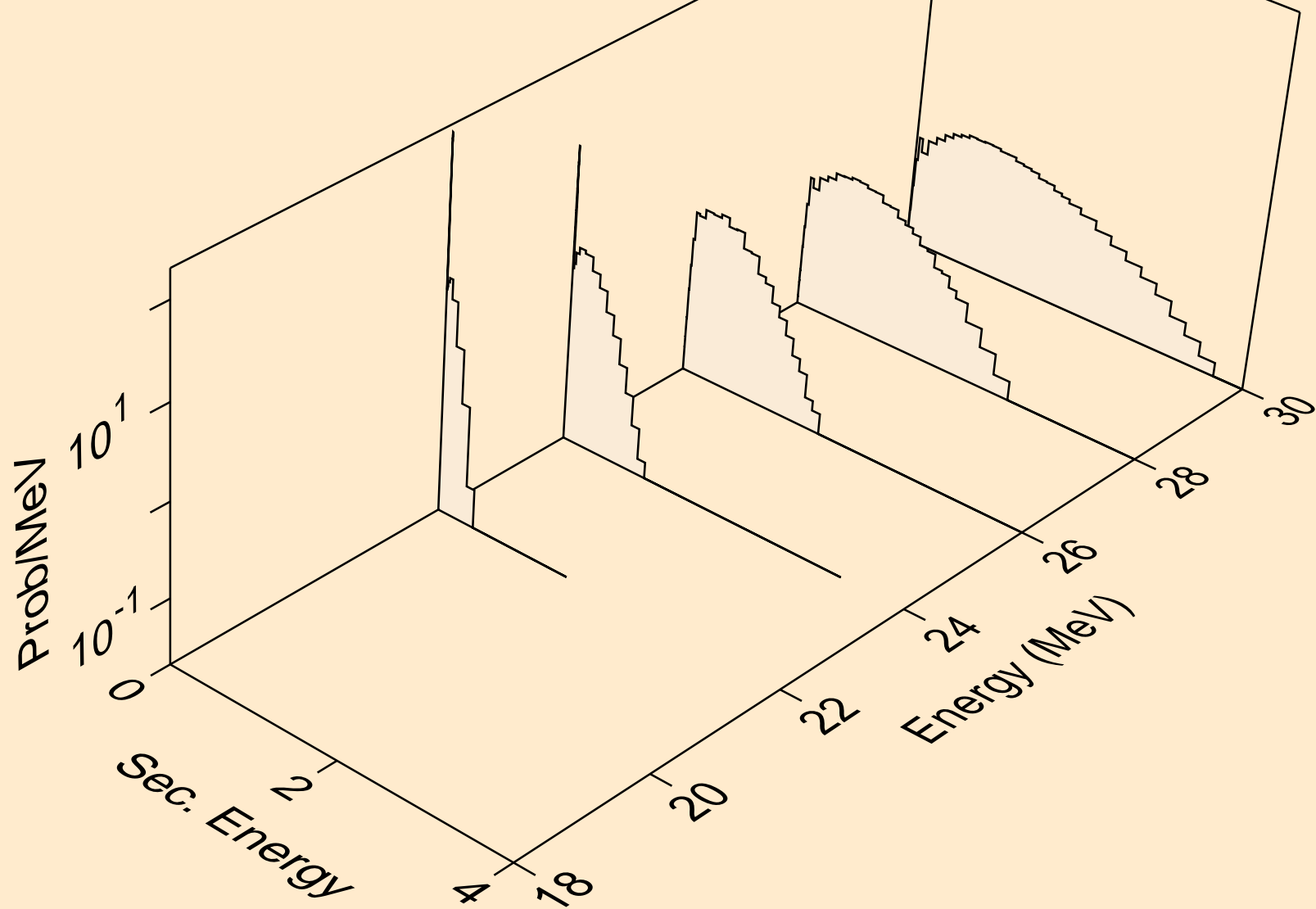
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



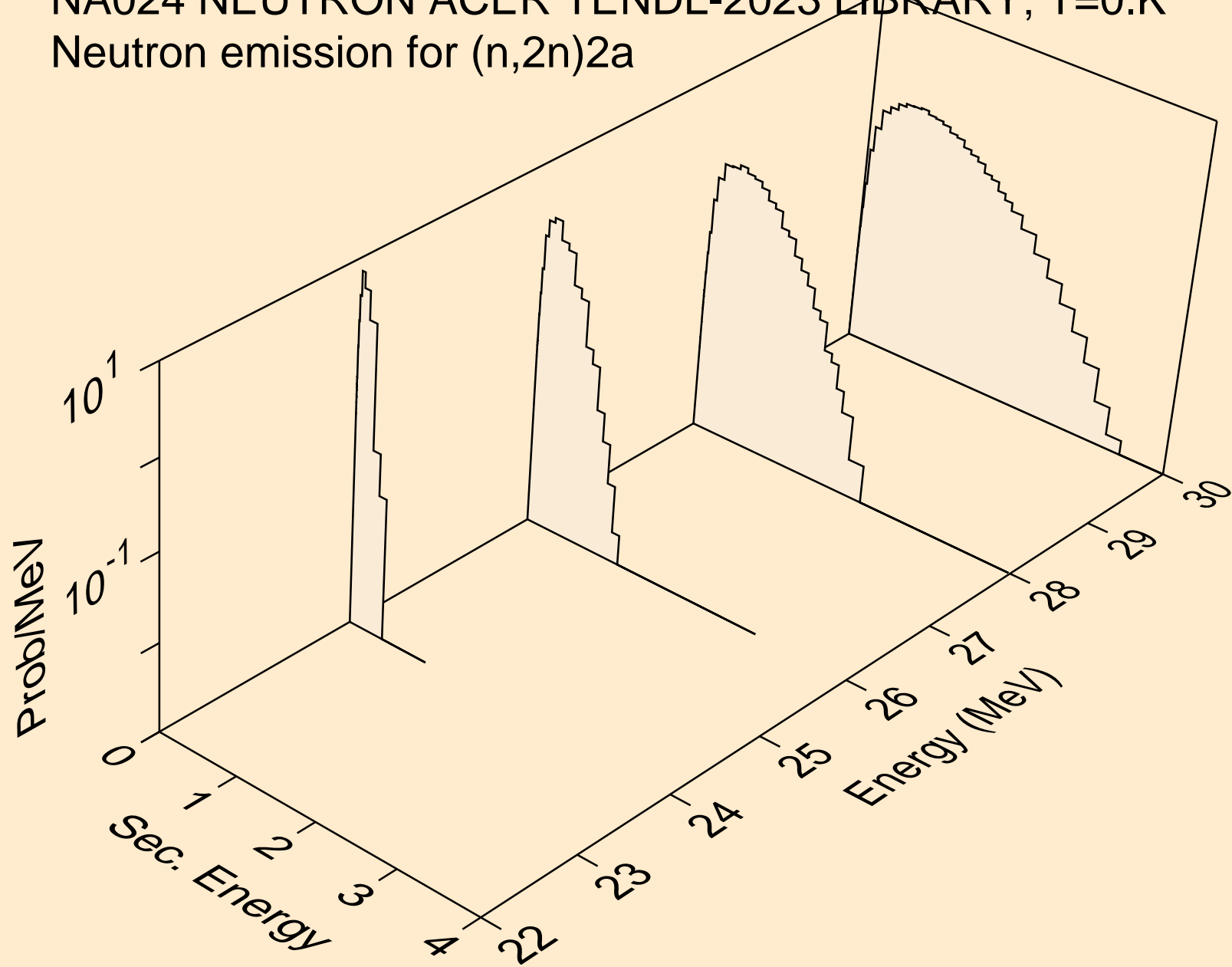
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



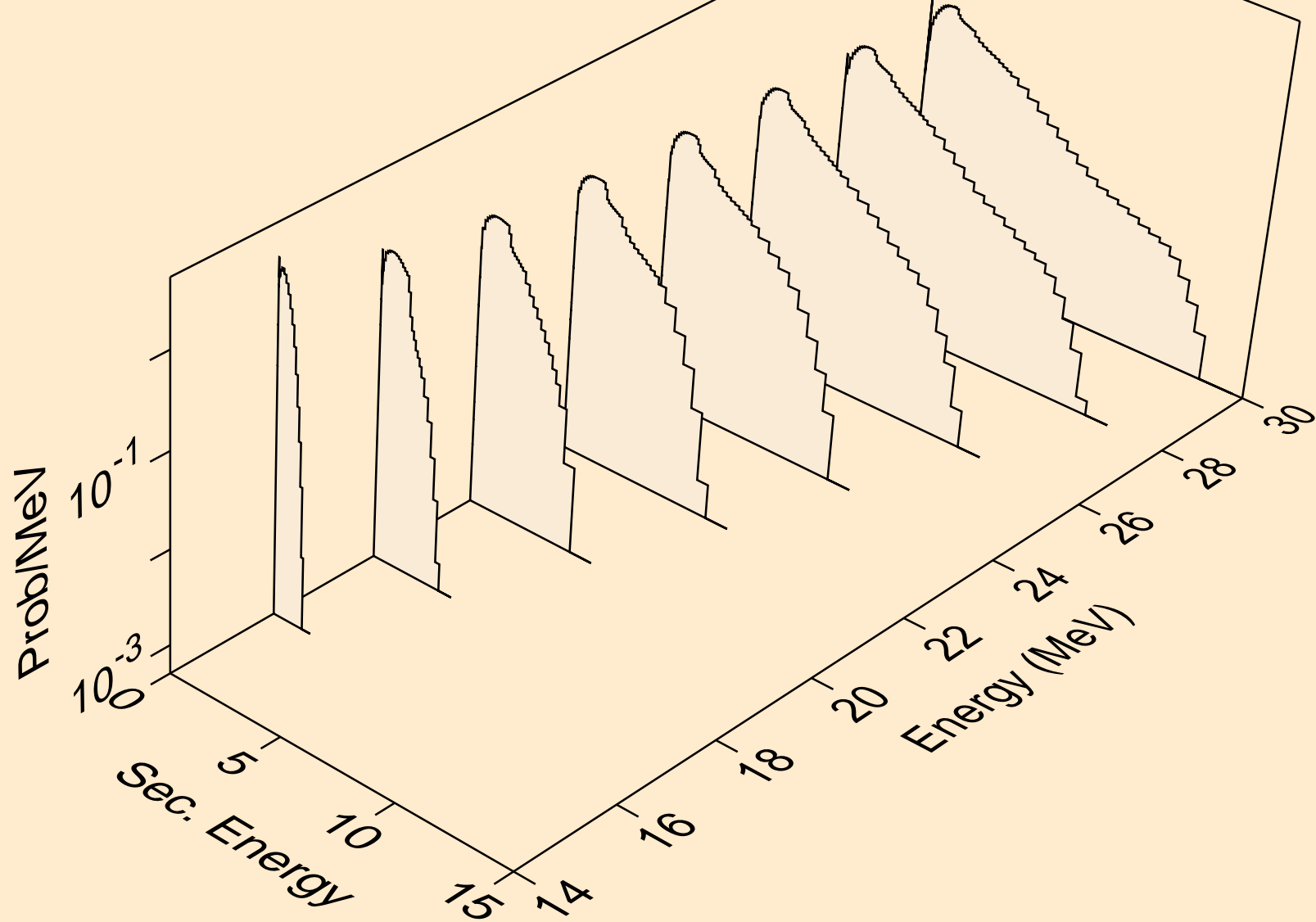
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



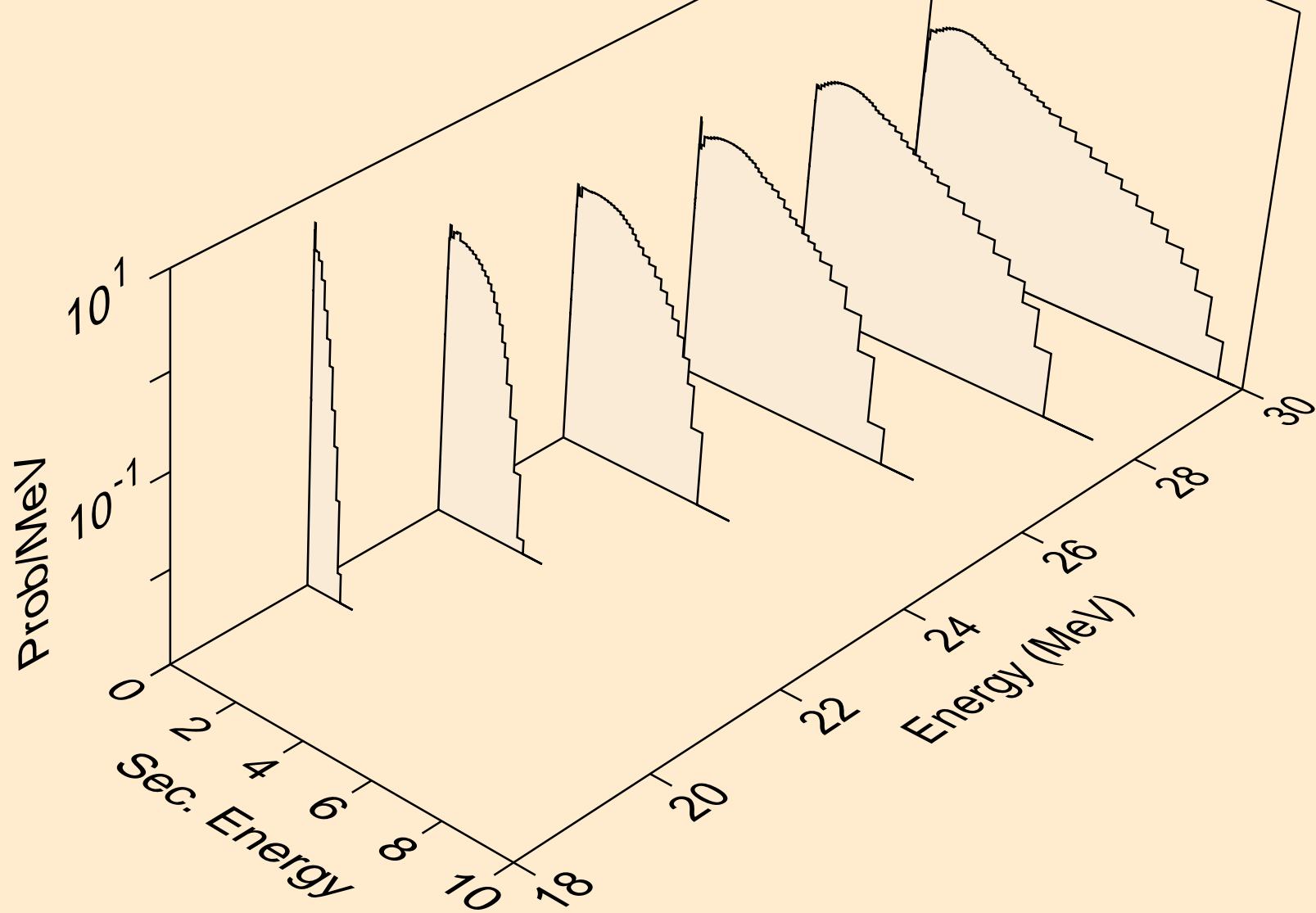
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Neutron emission for (n,2n)2a



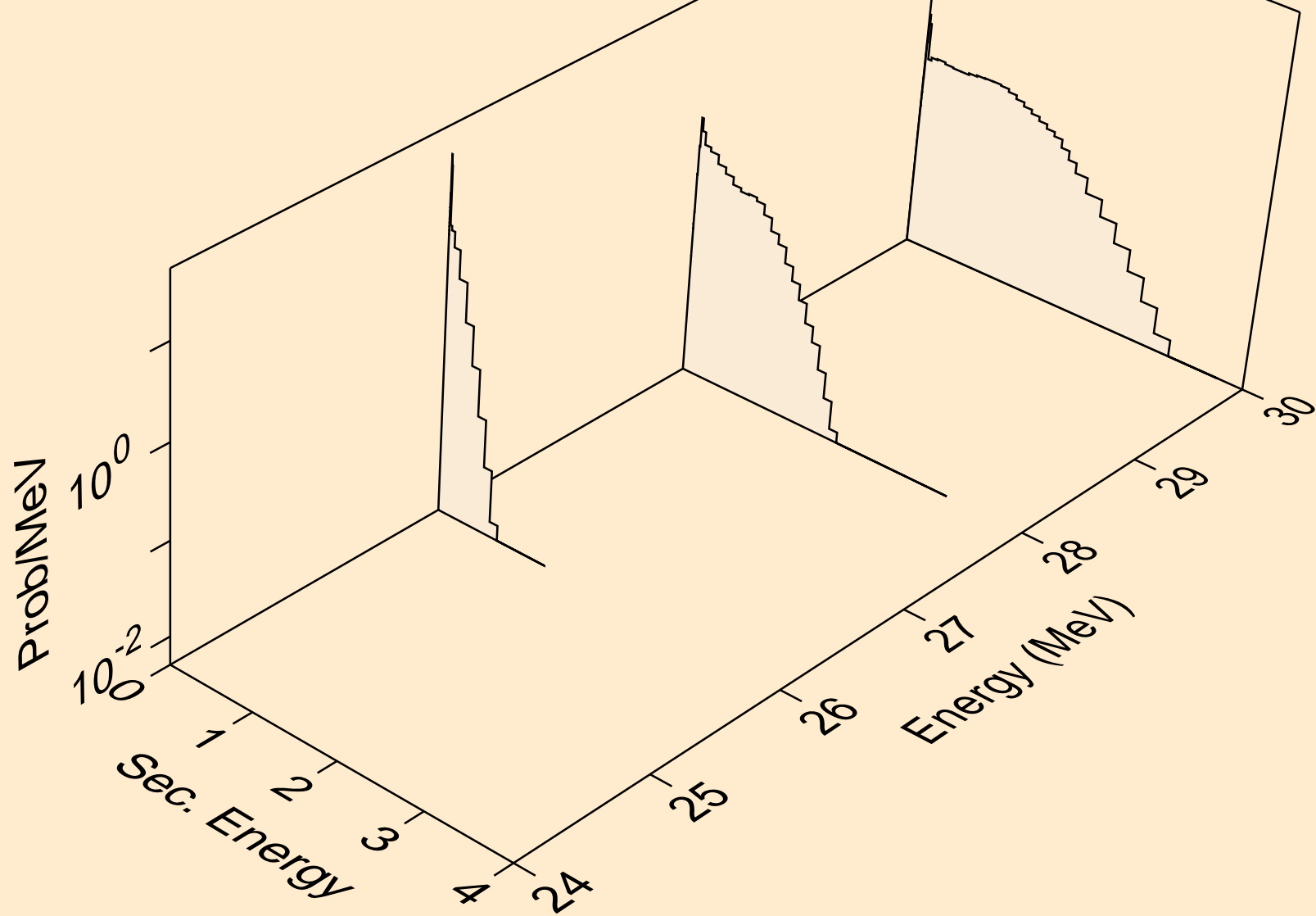
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Neutron emission for (n,n\*)d



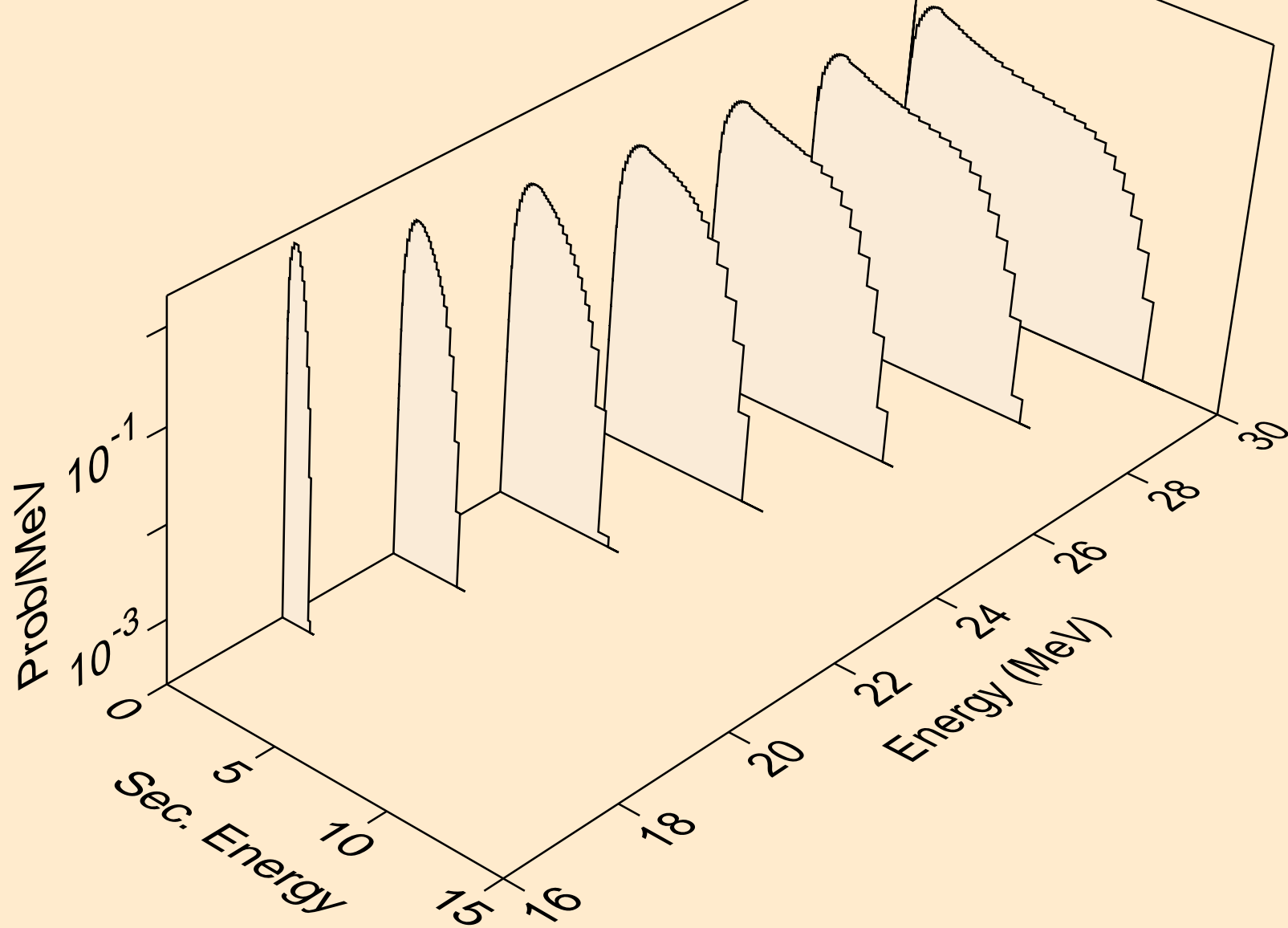
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

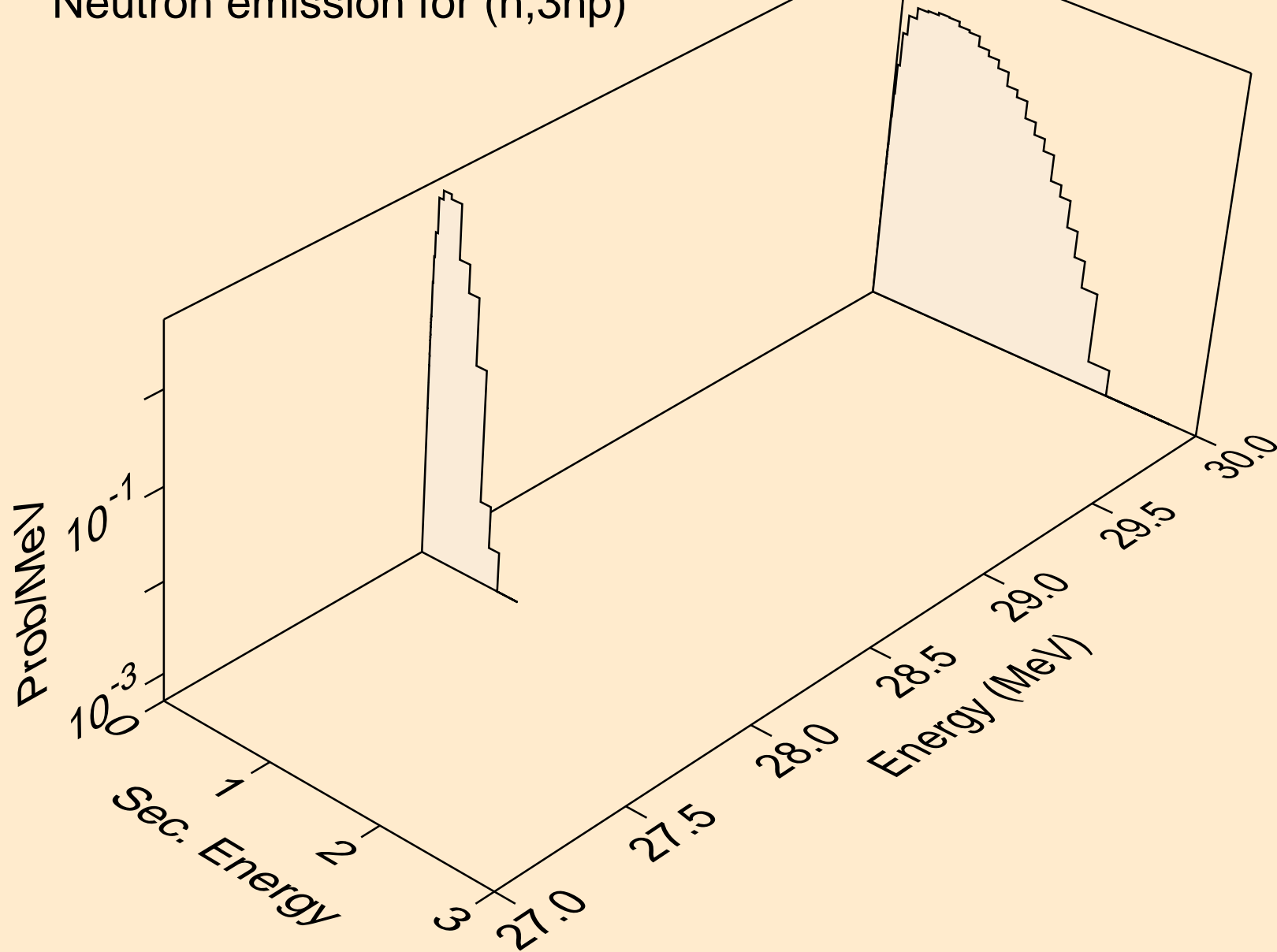


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

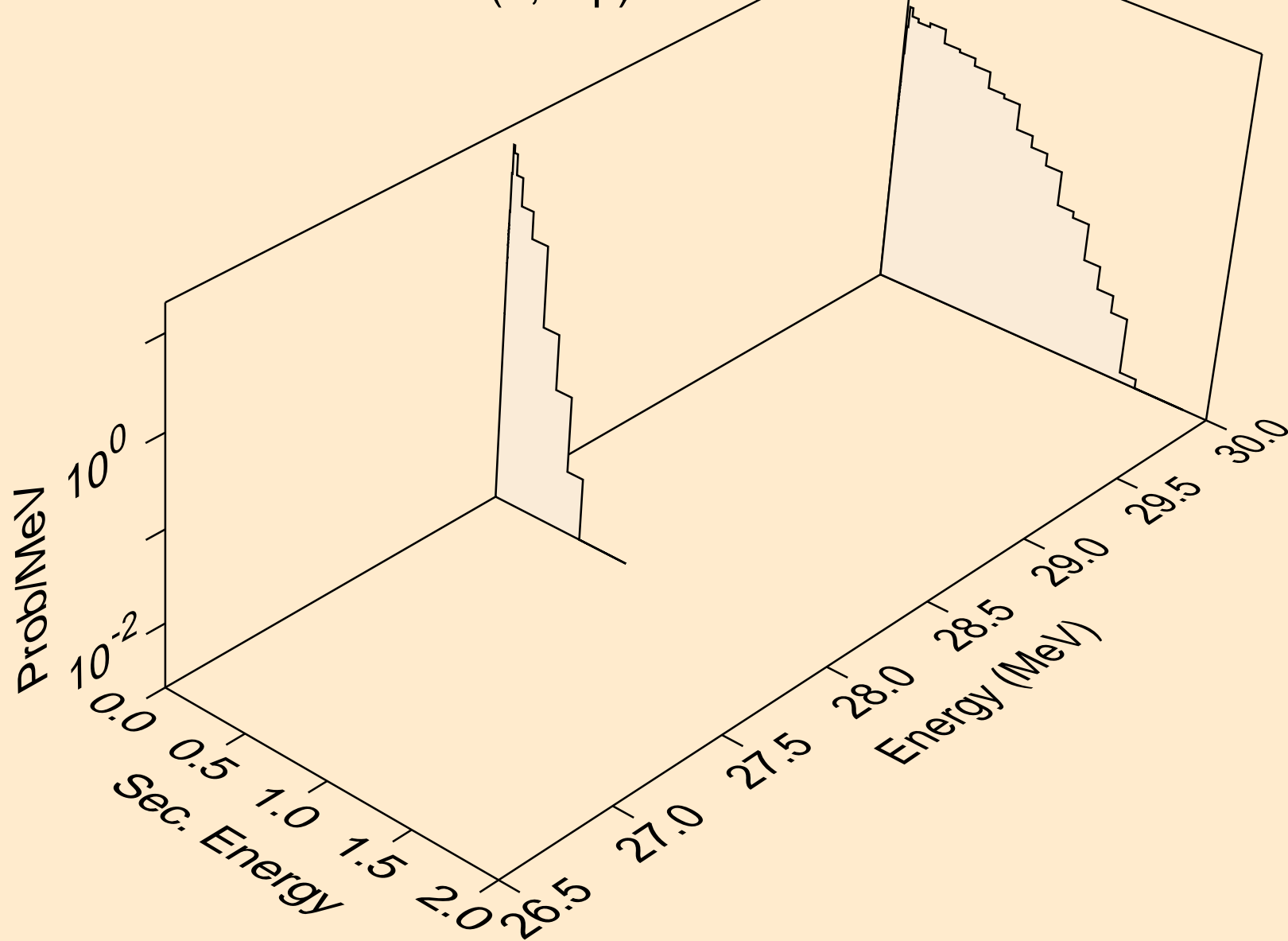




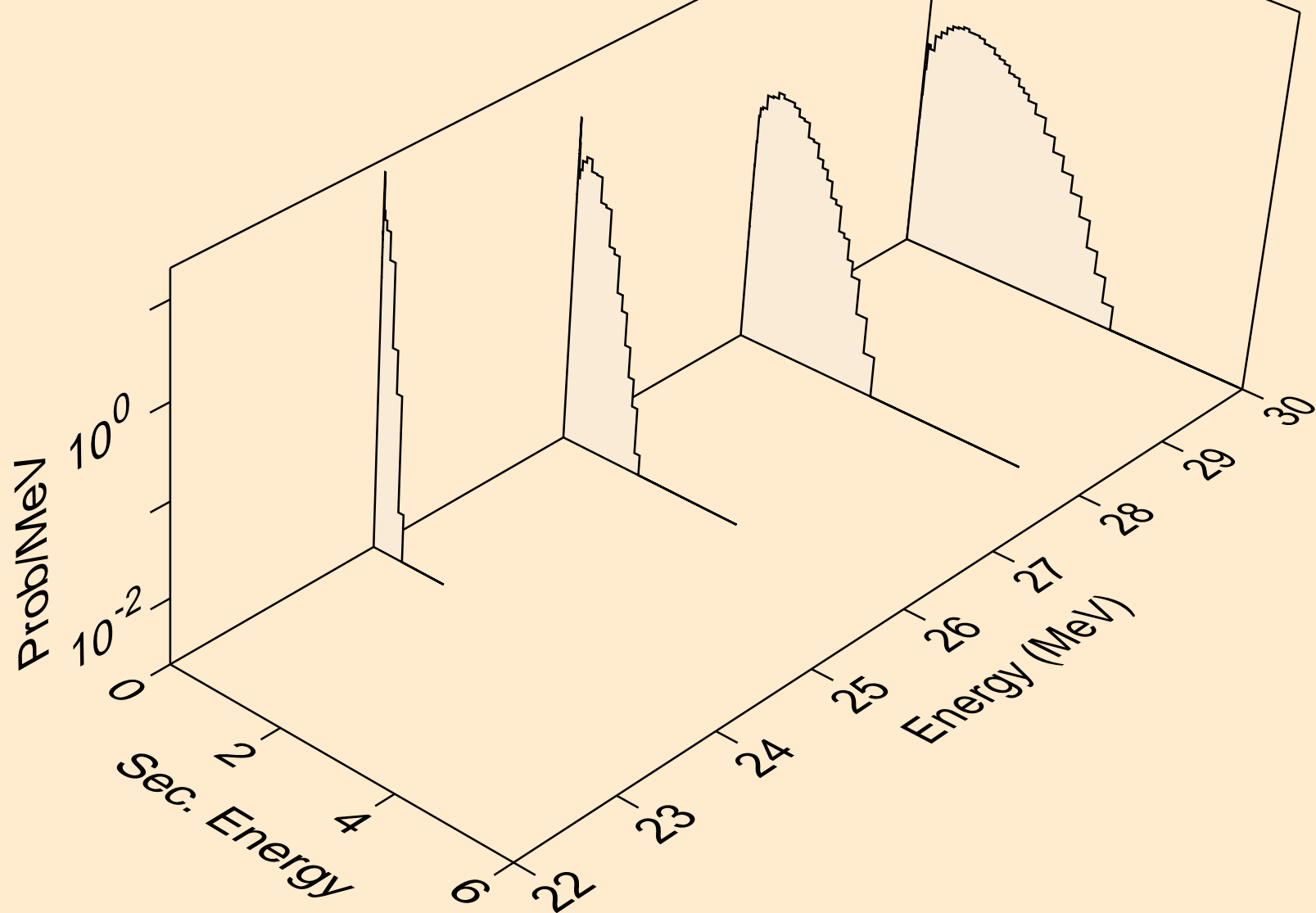
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Neutron emission for (n,3np)



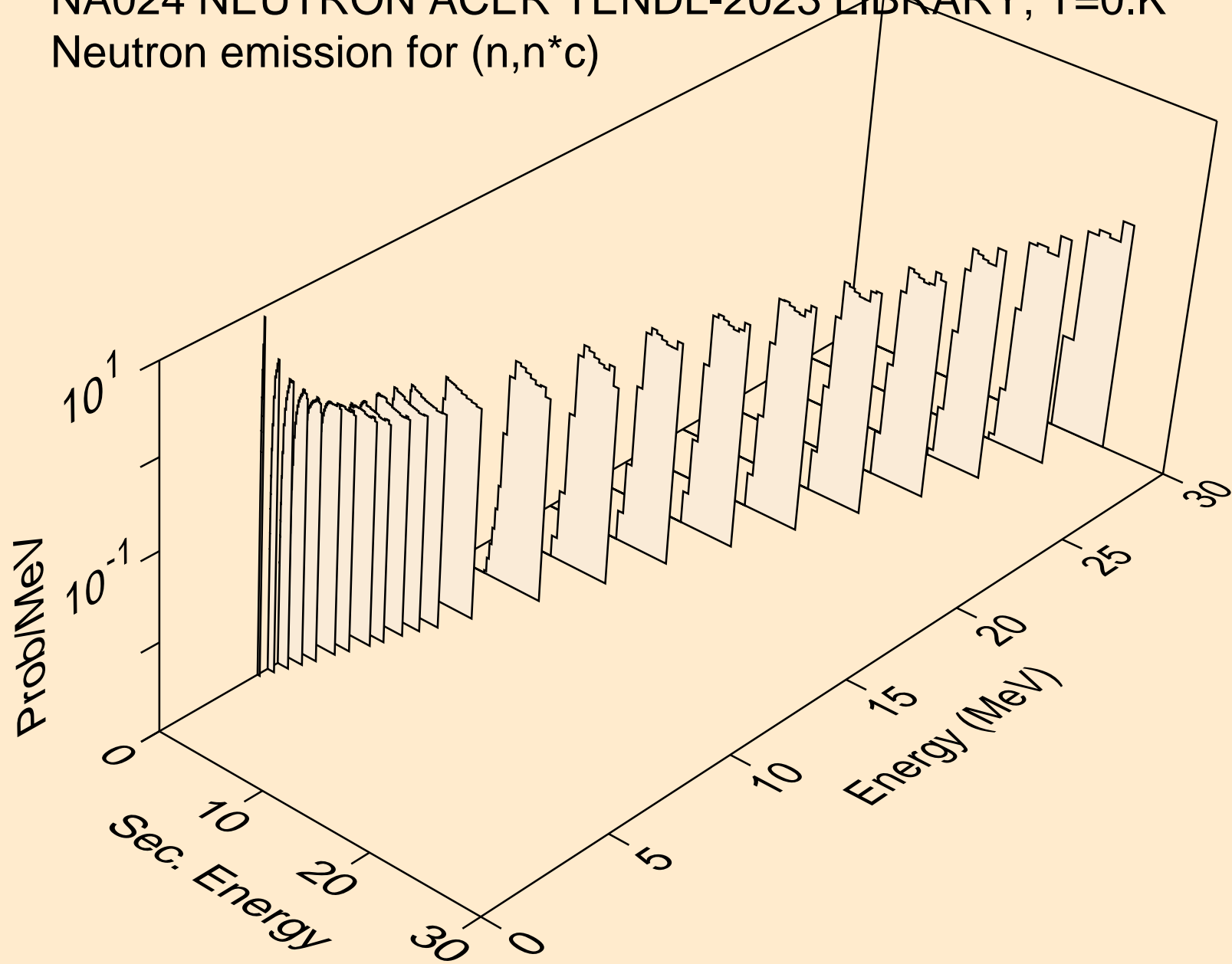
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



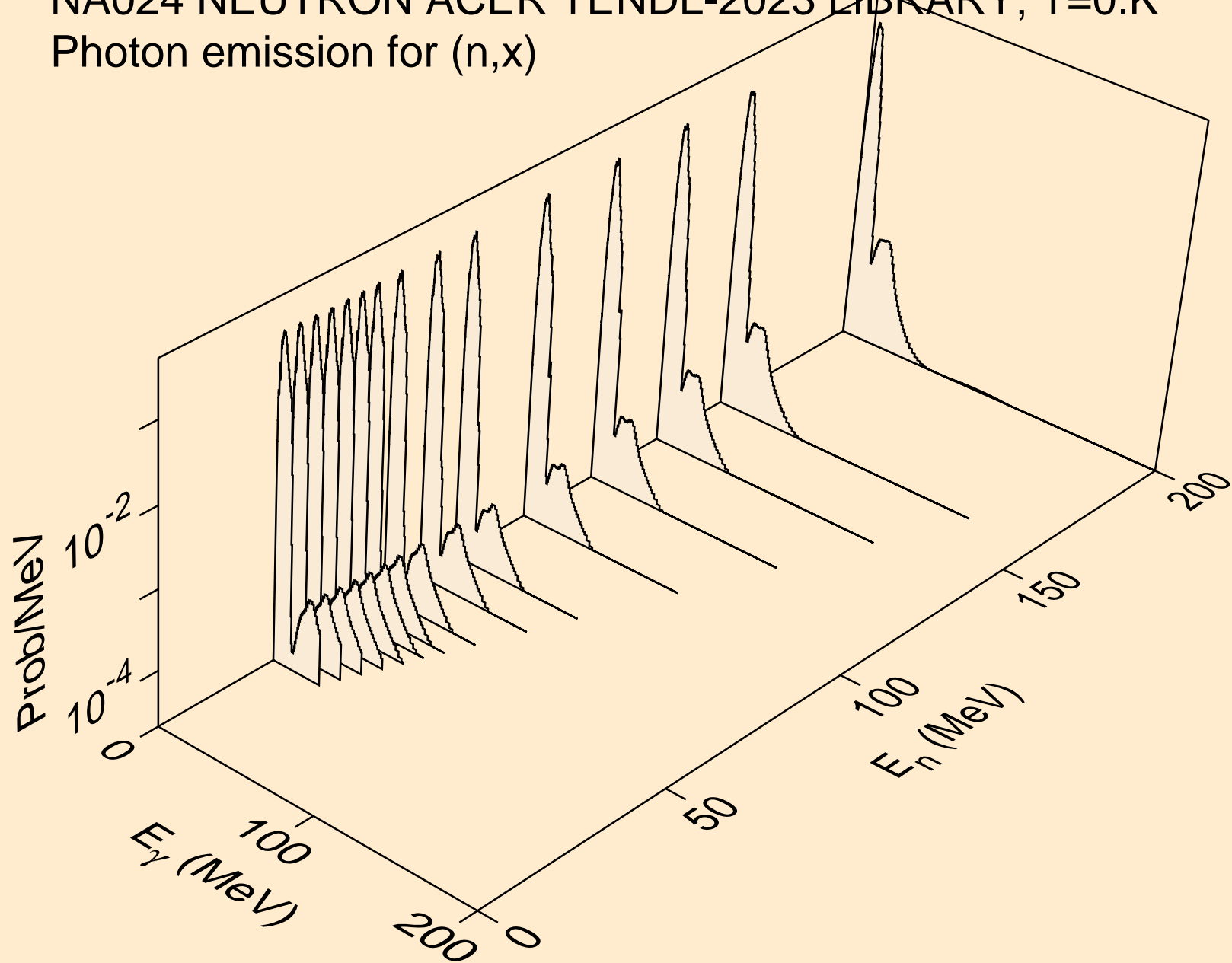
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



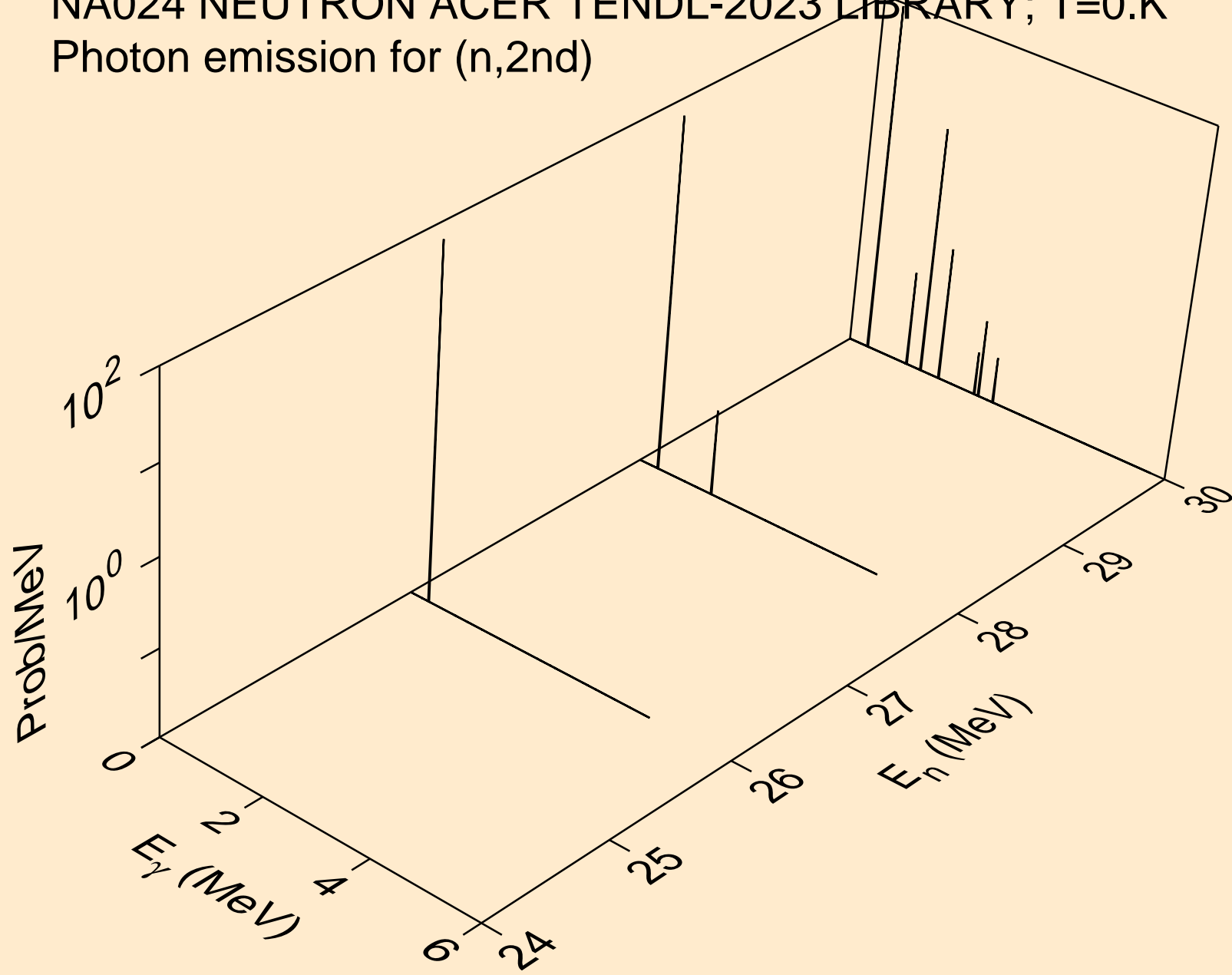
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Neutron emission for (n,n\*c)



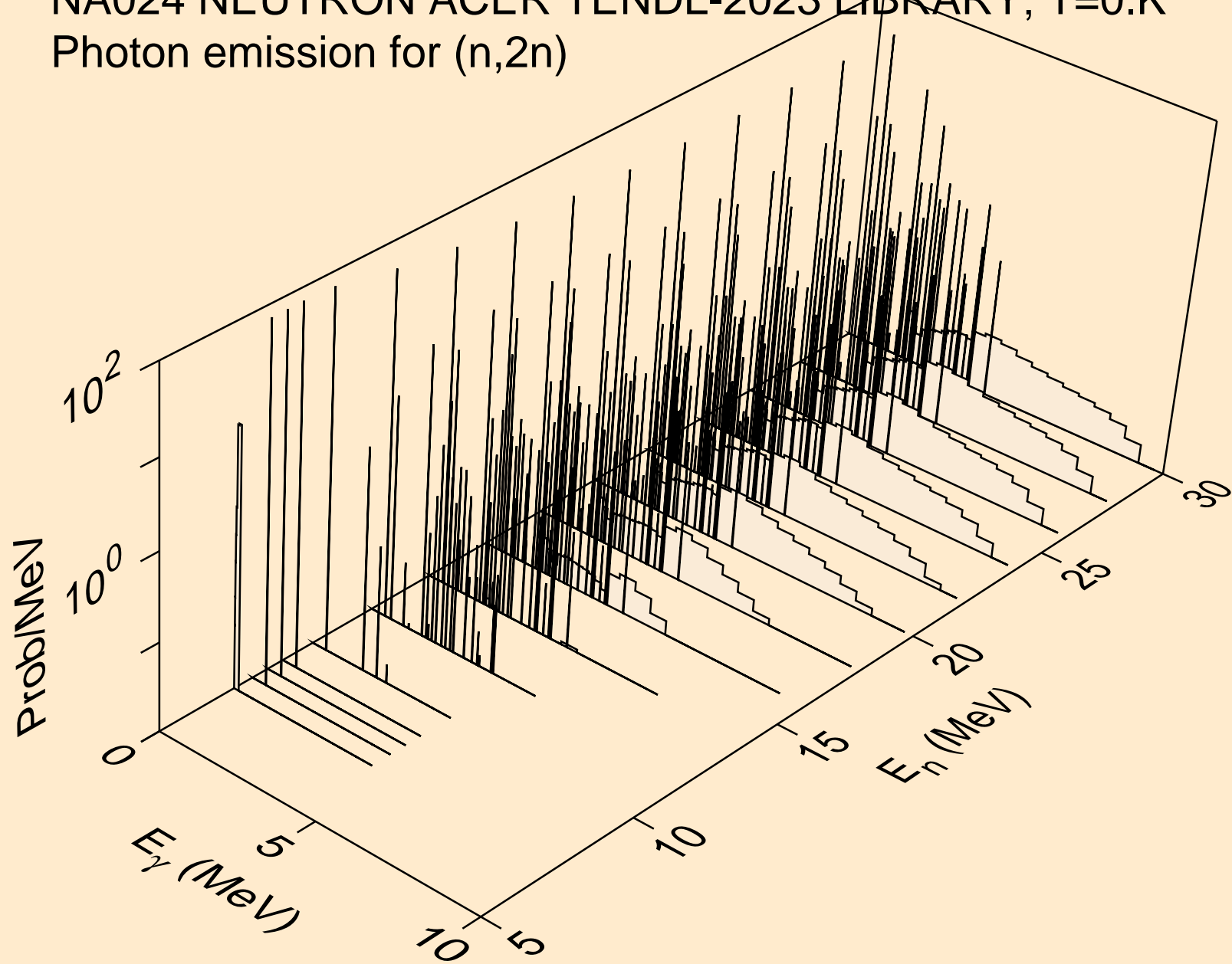
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



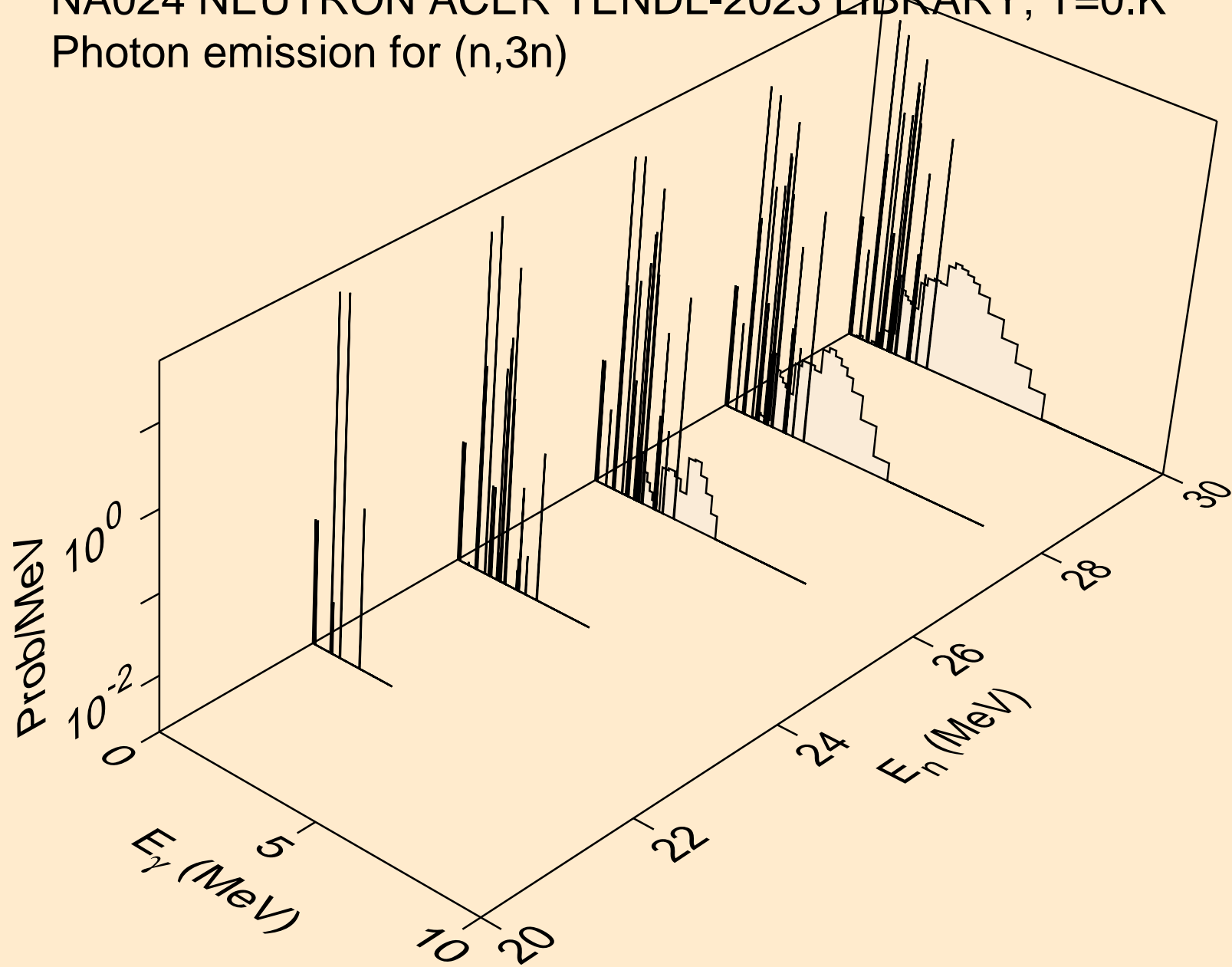
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

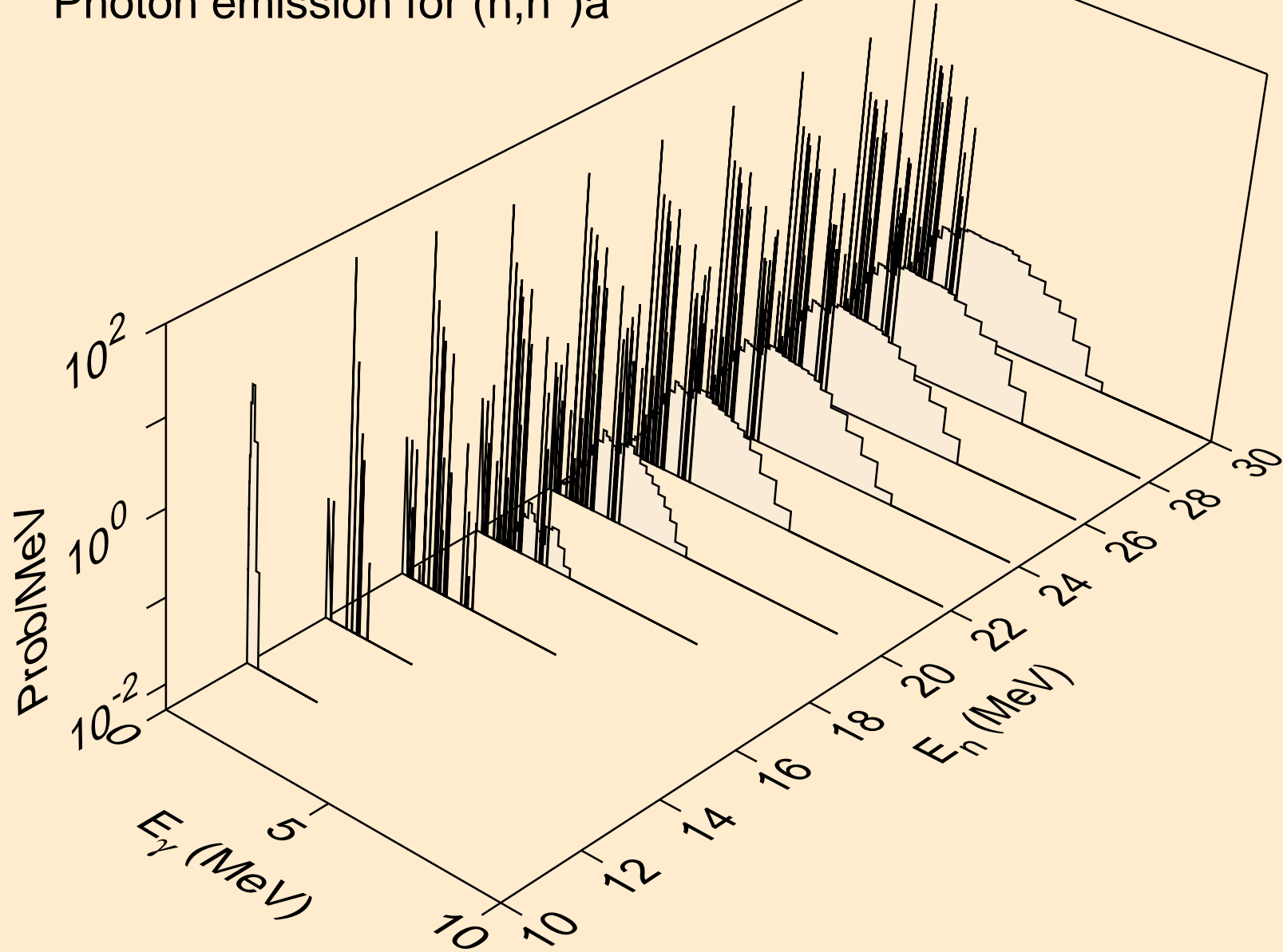


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

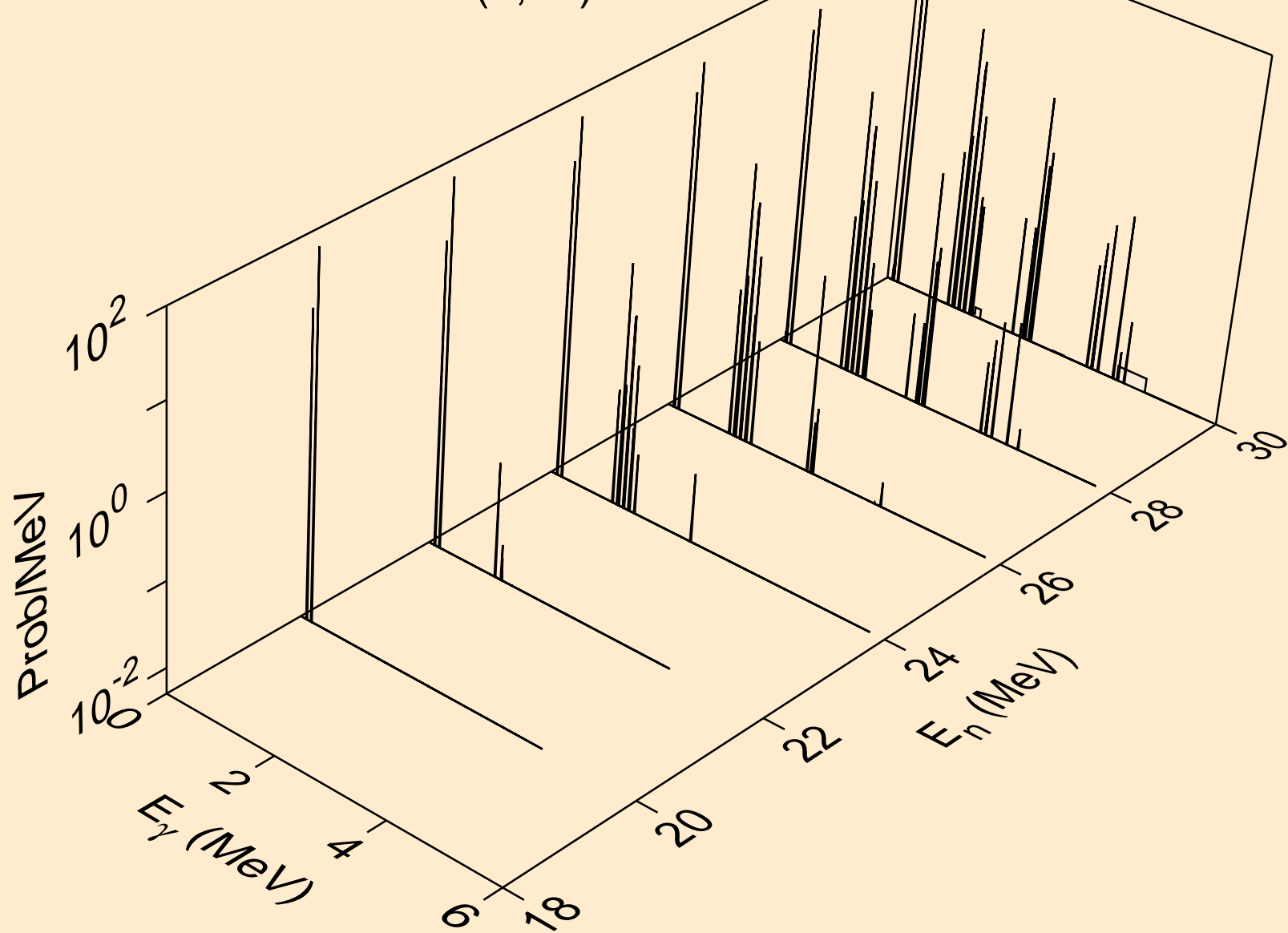




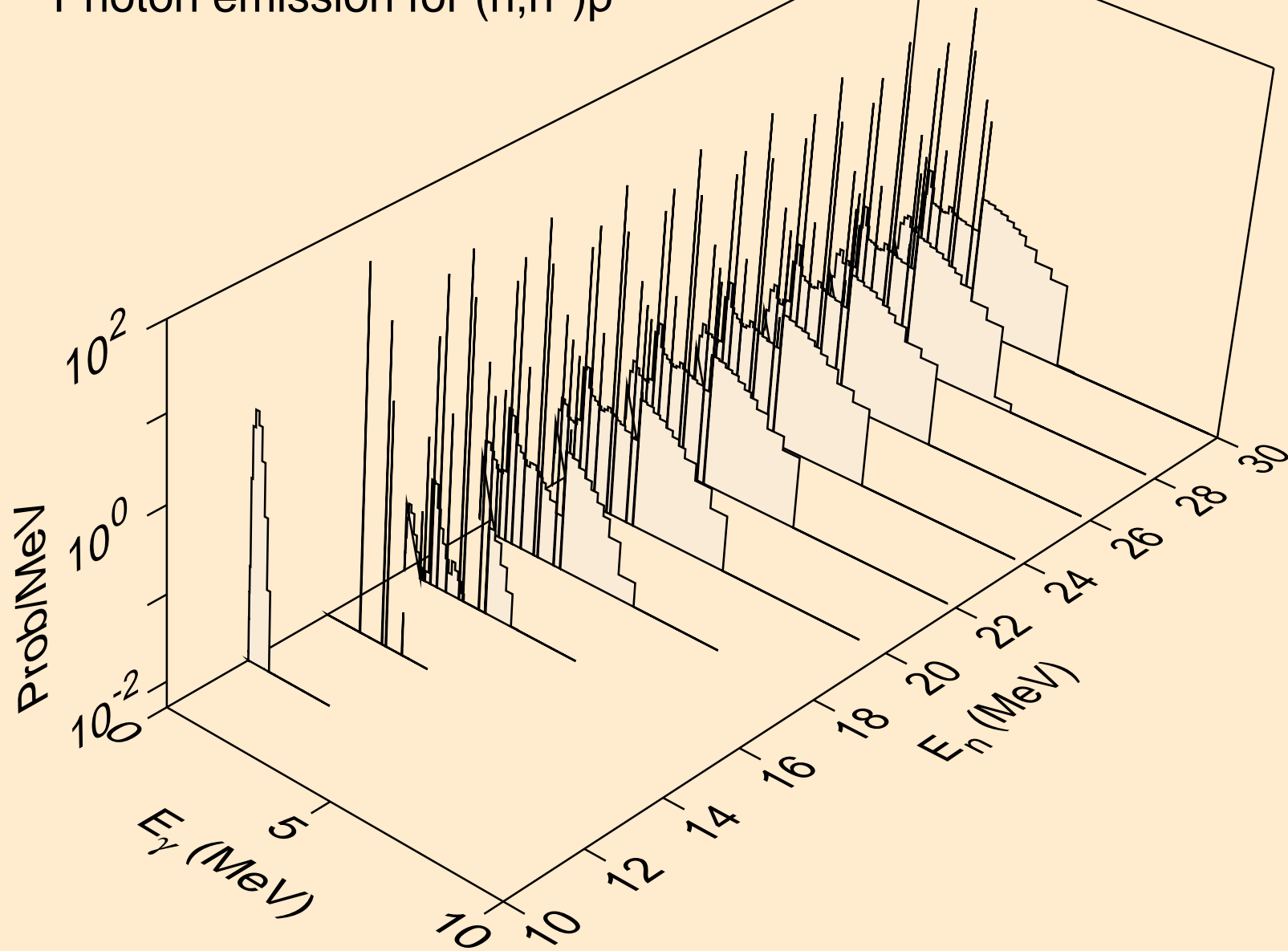
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



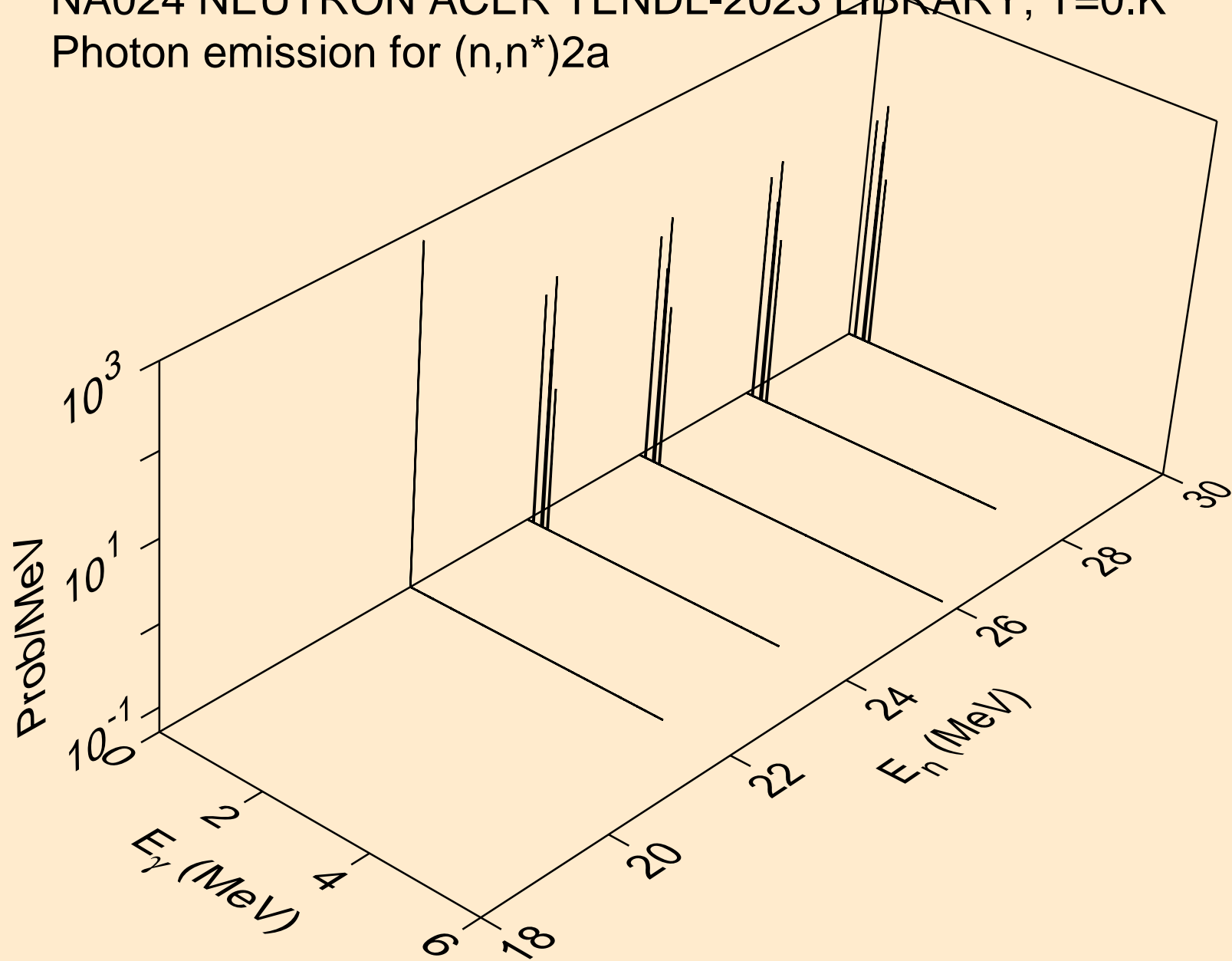
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Photon emission for (n,2n)a



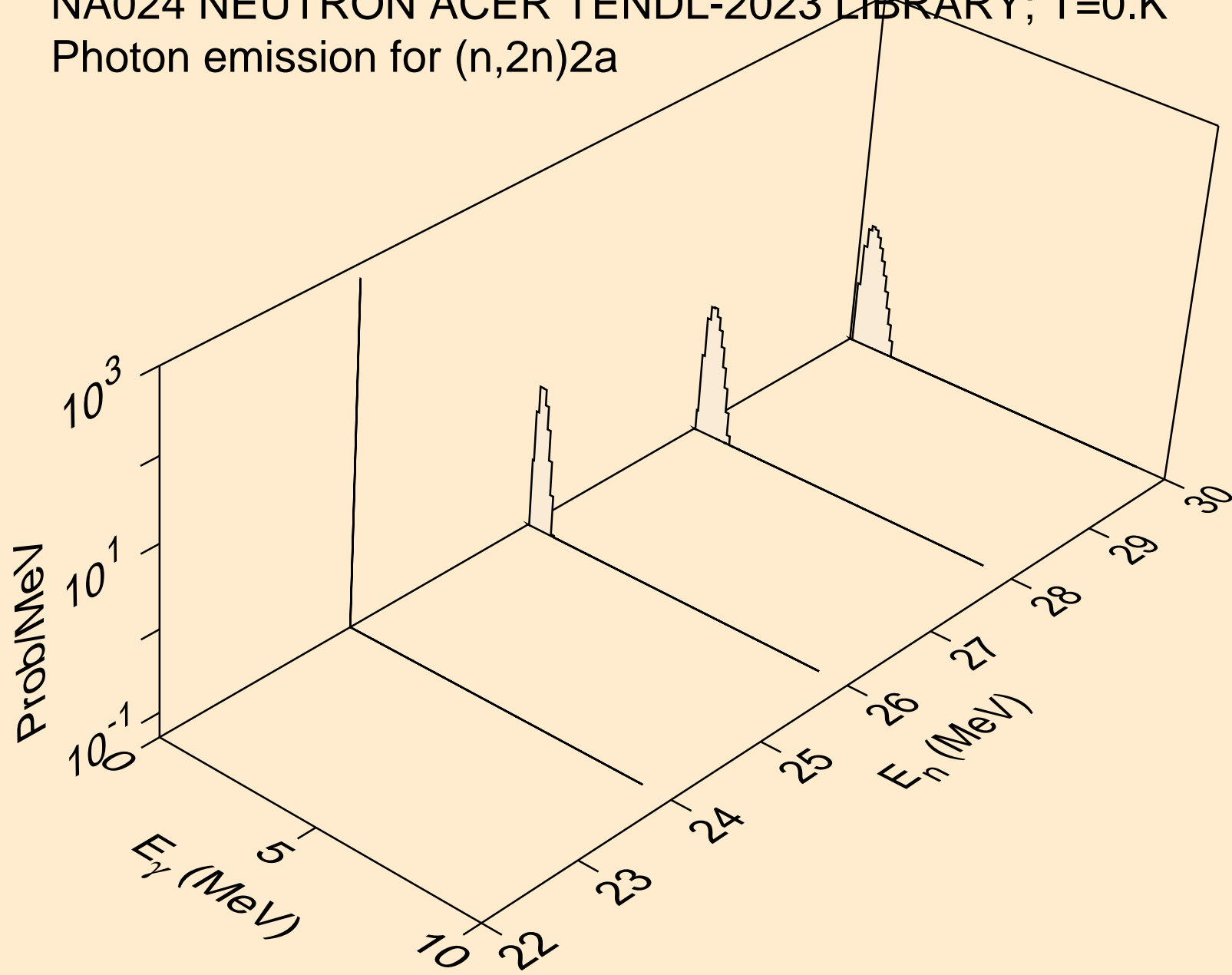
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



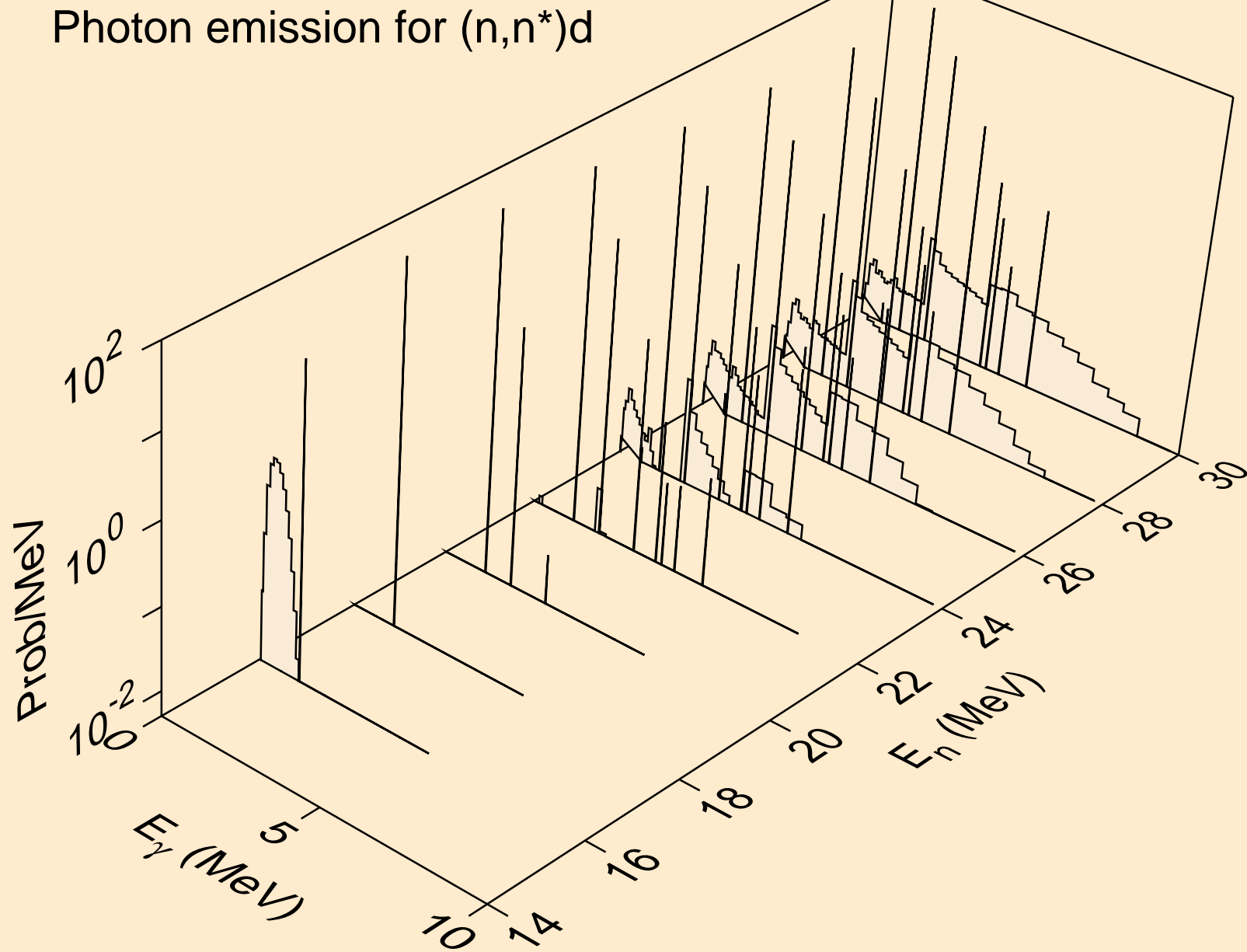
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



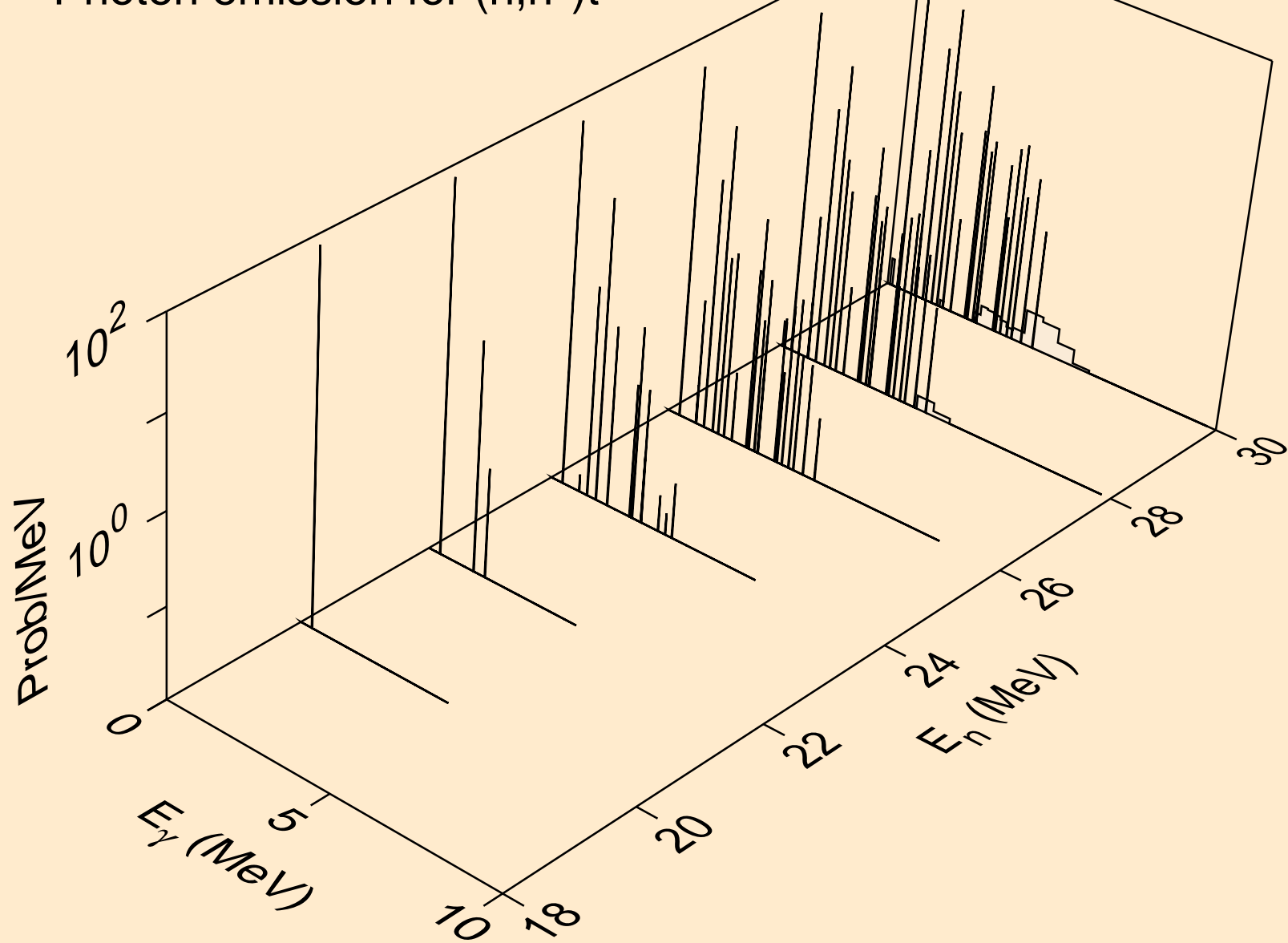
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



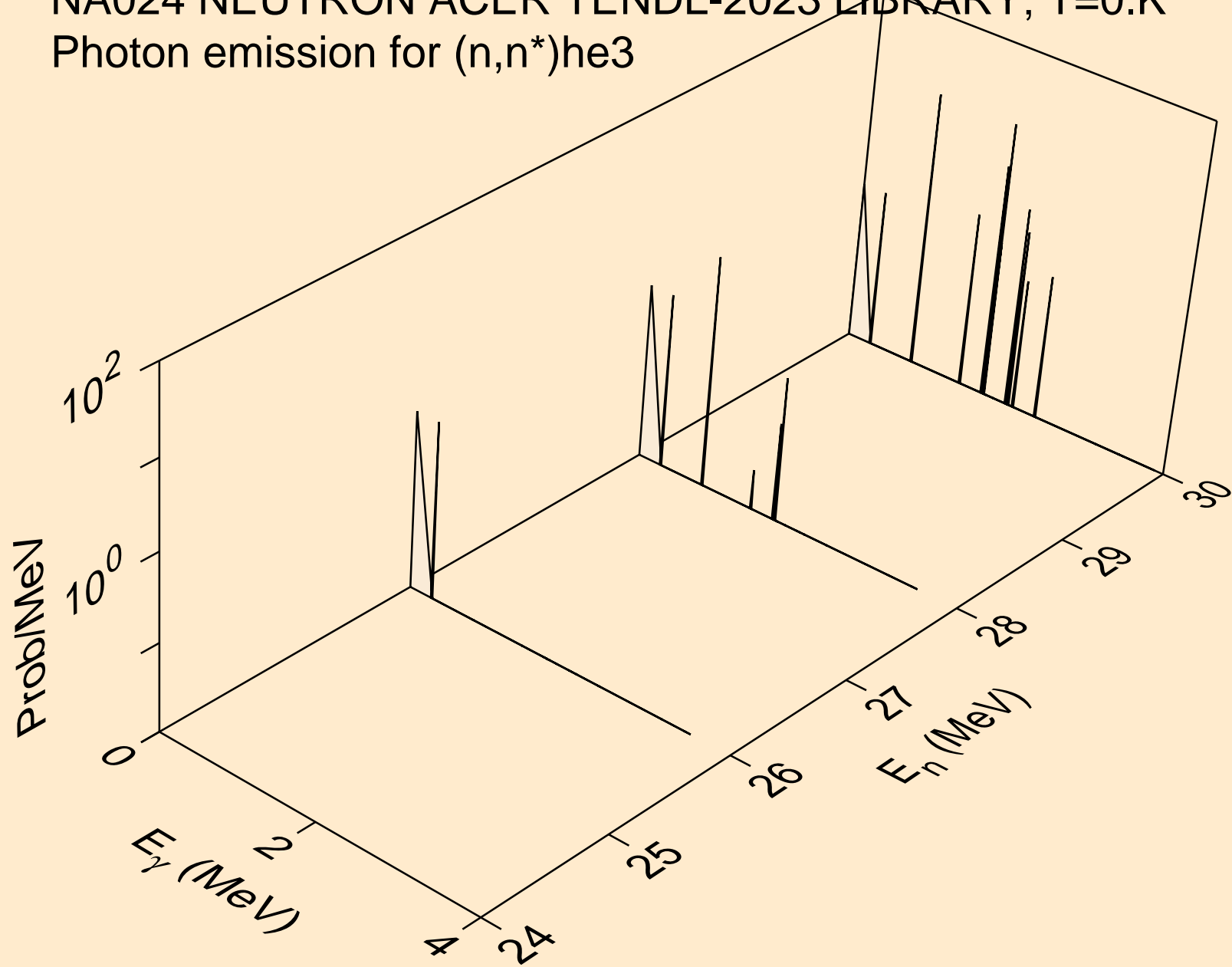
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

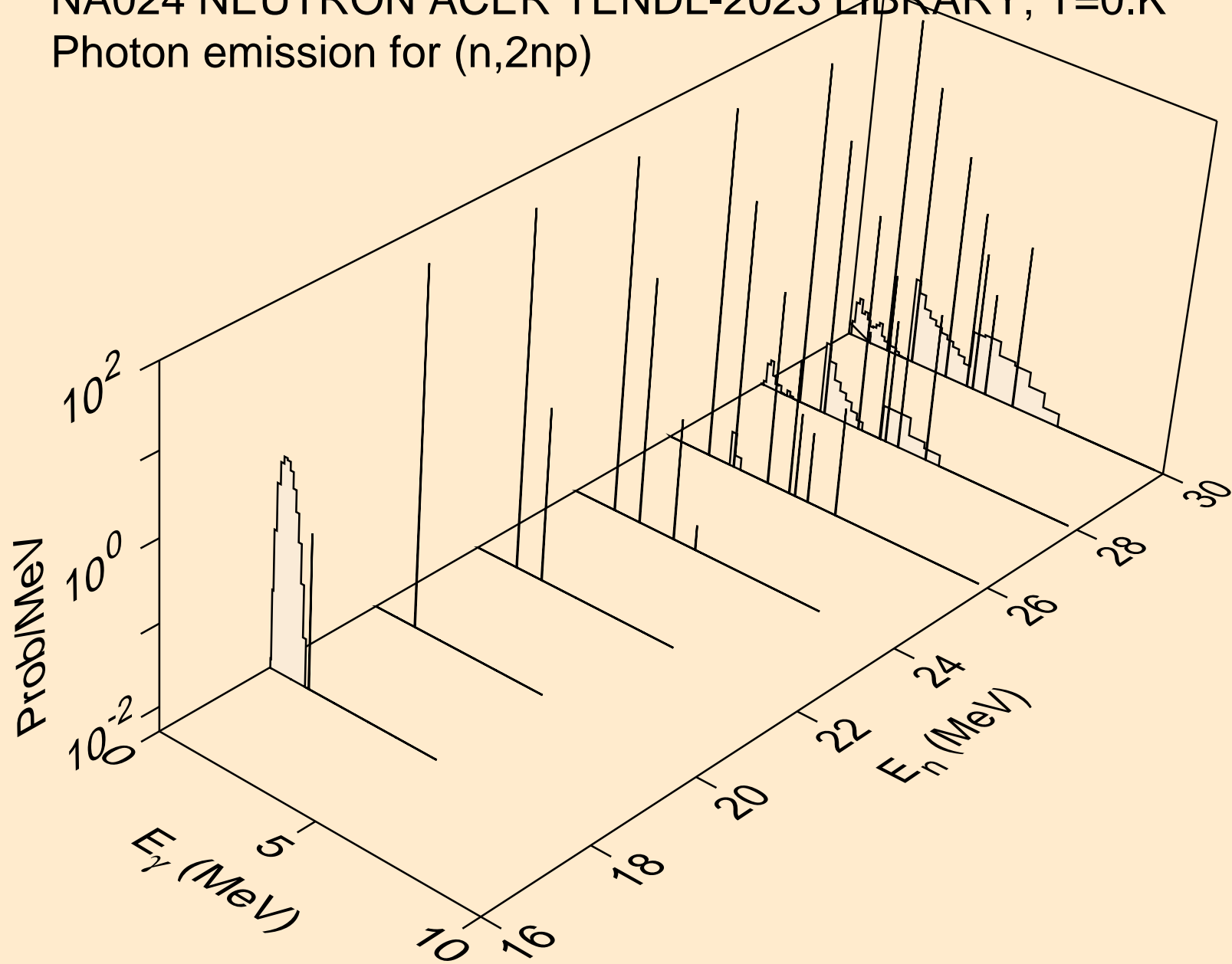


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

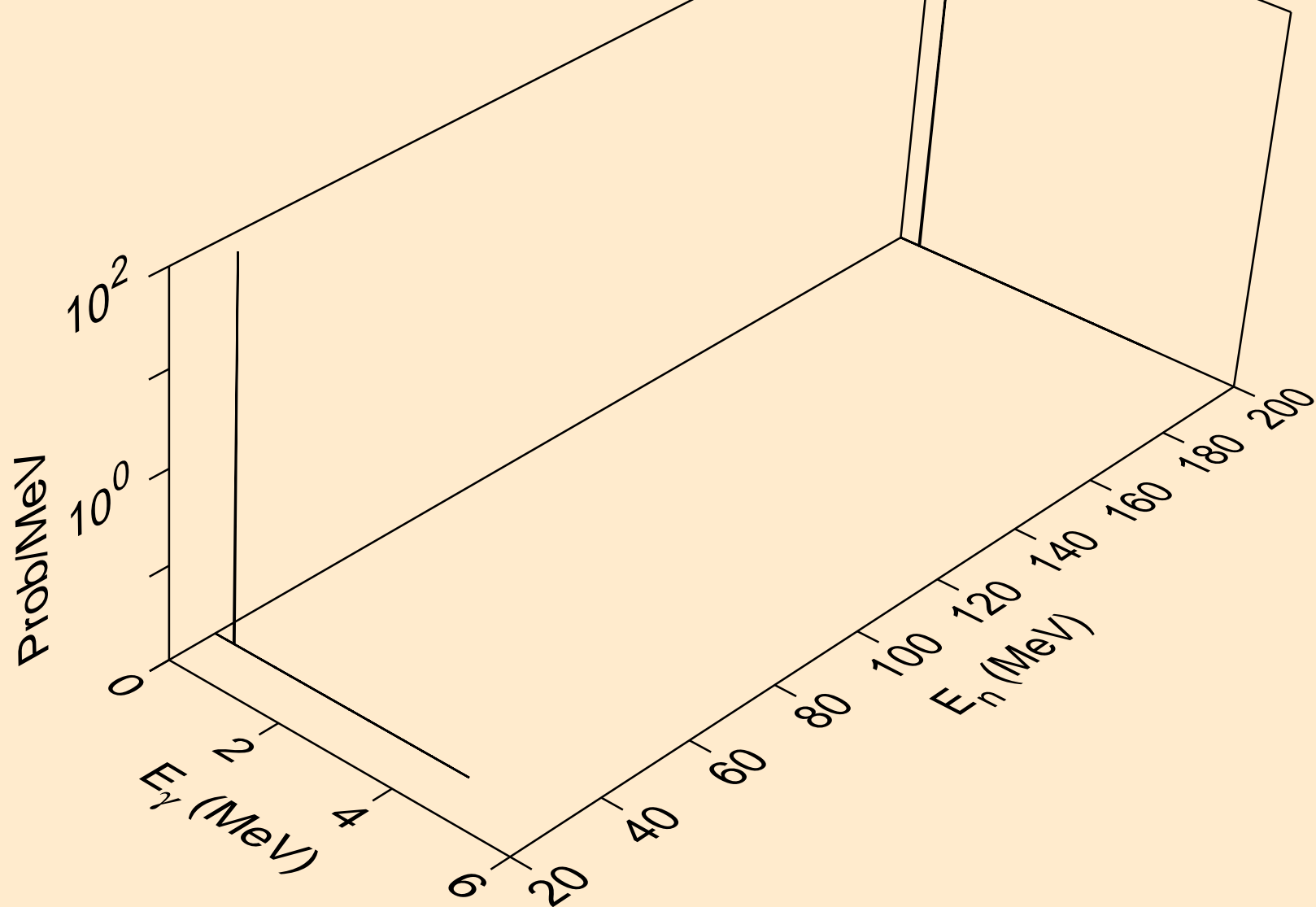




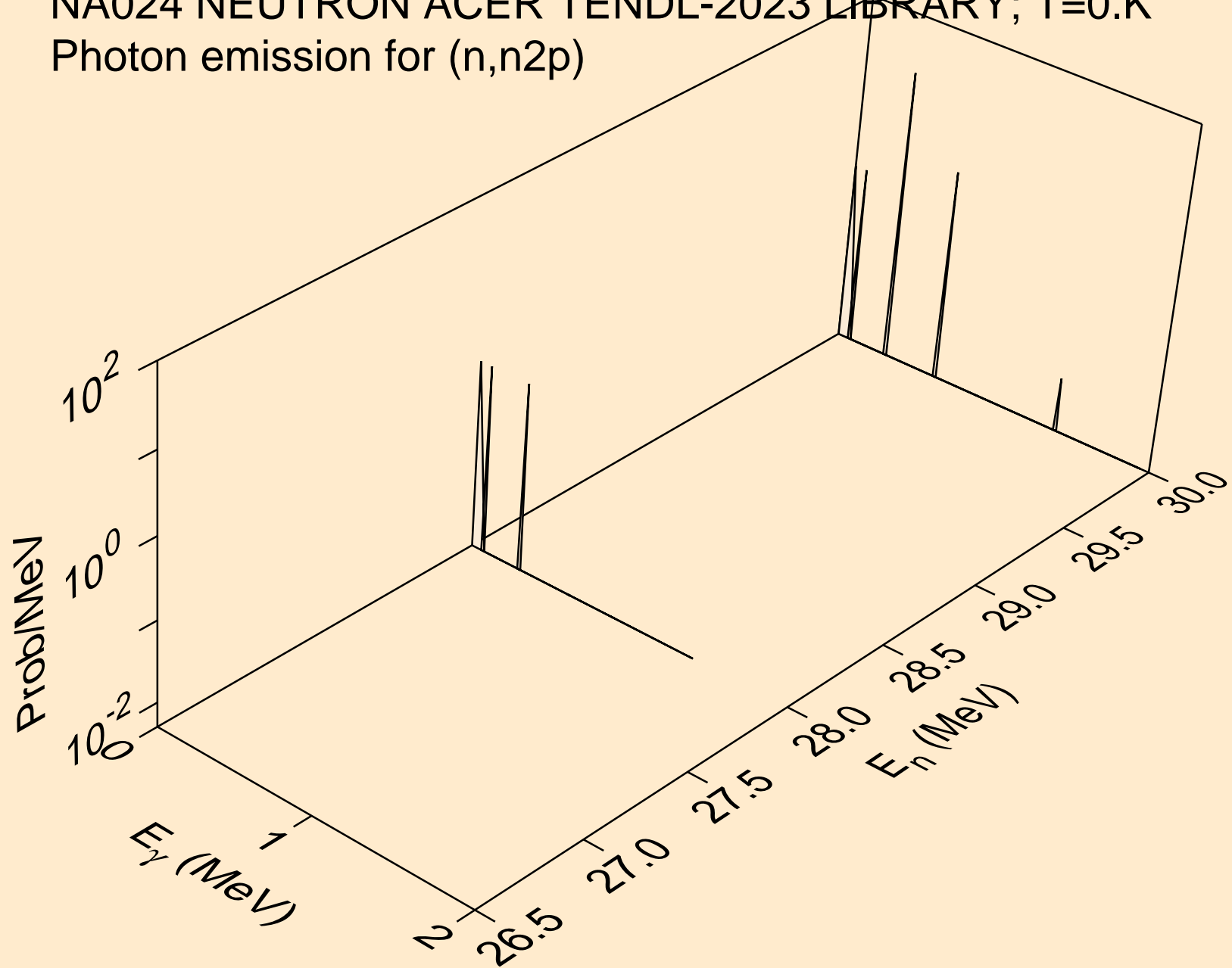
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



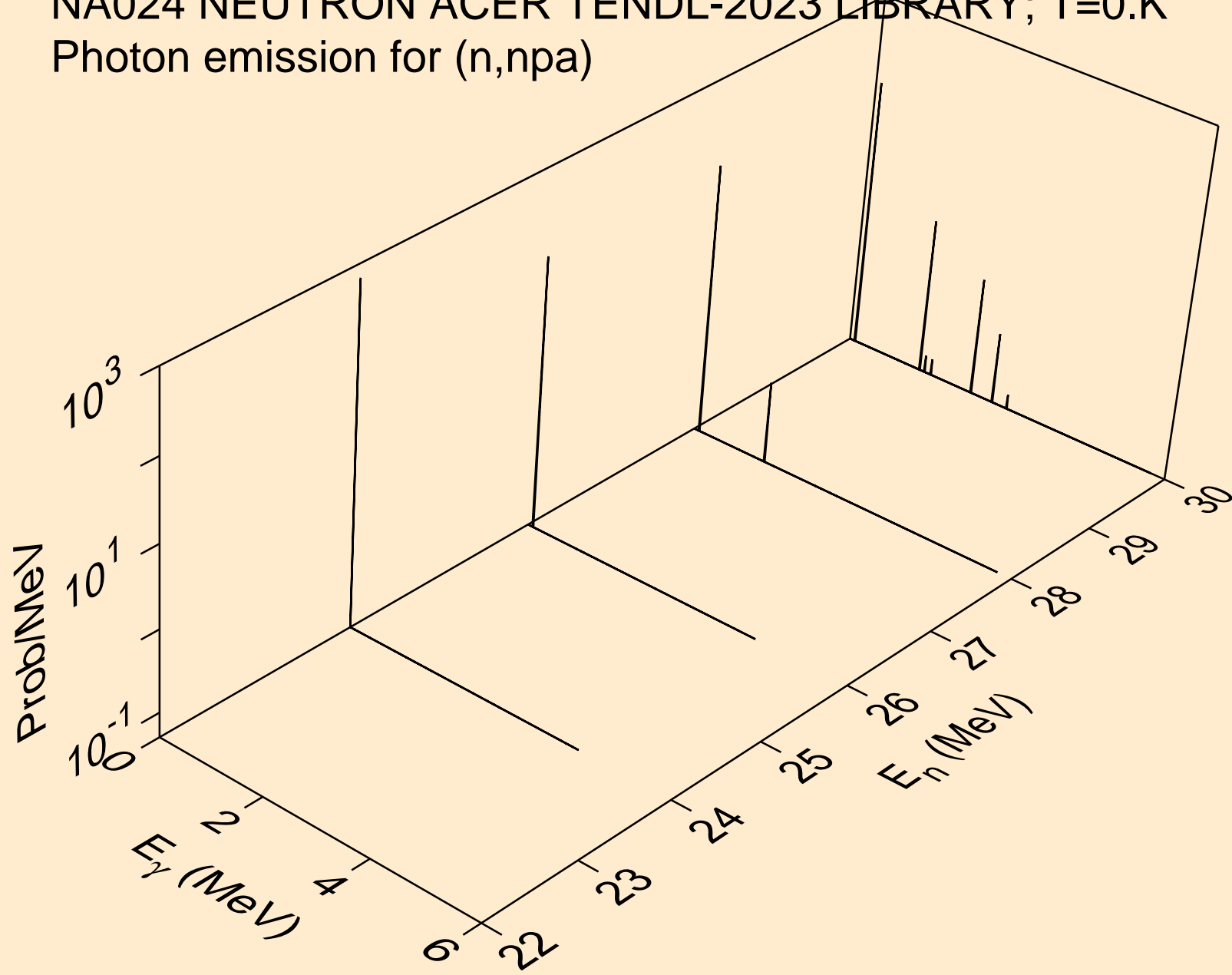
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Photon emission for (n,3np)



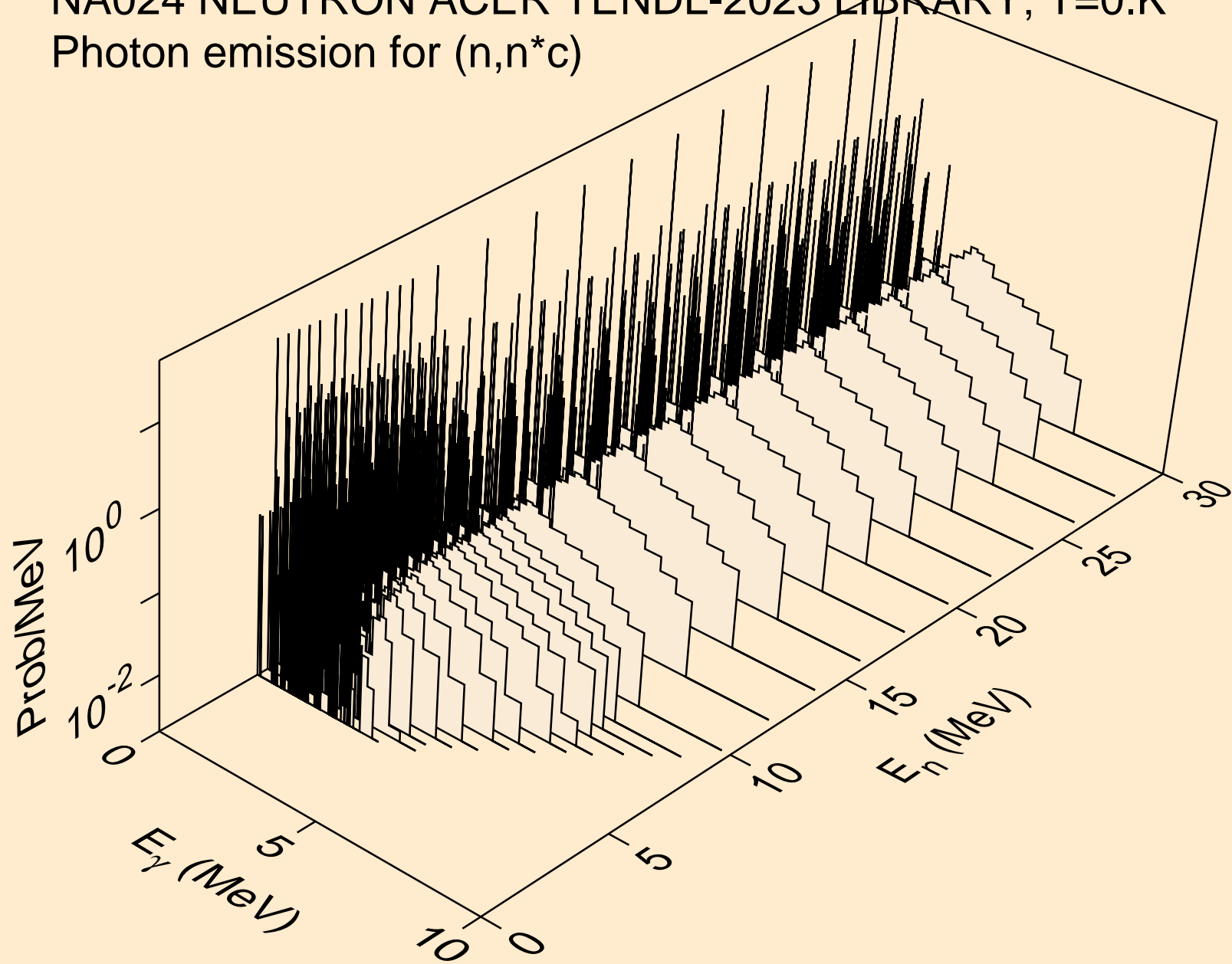
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Photon emission for (n,n2p)



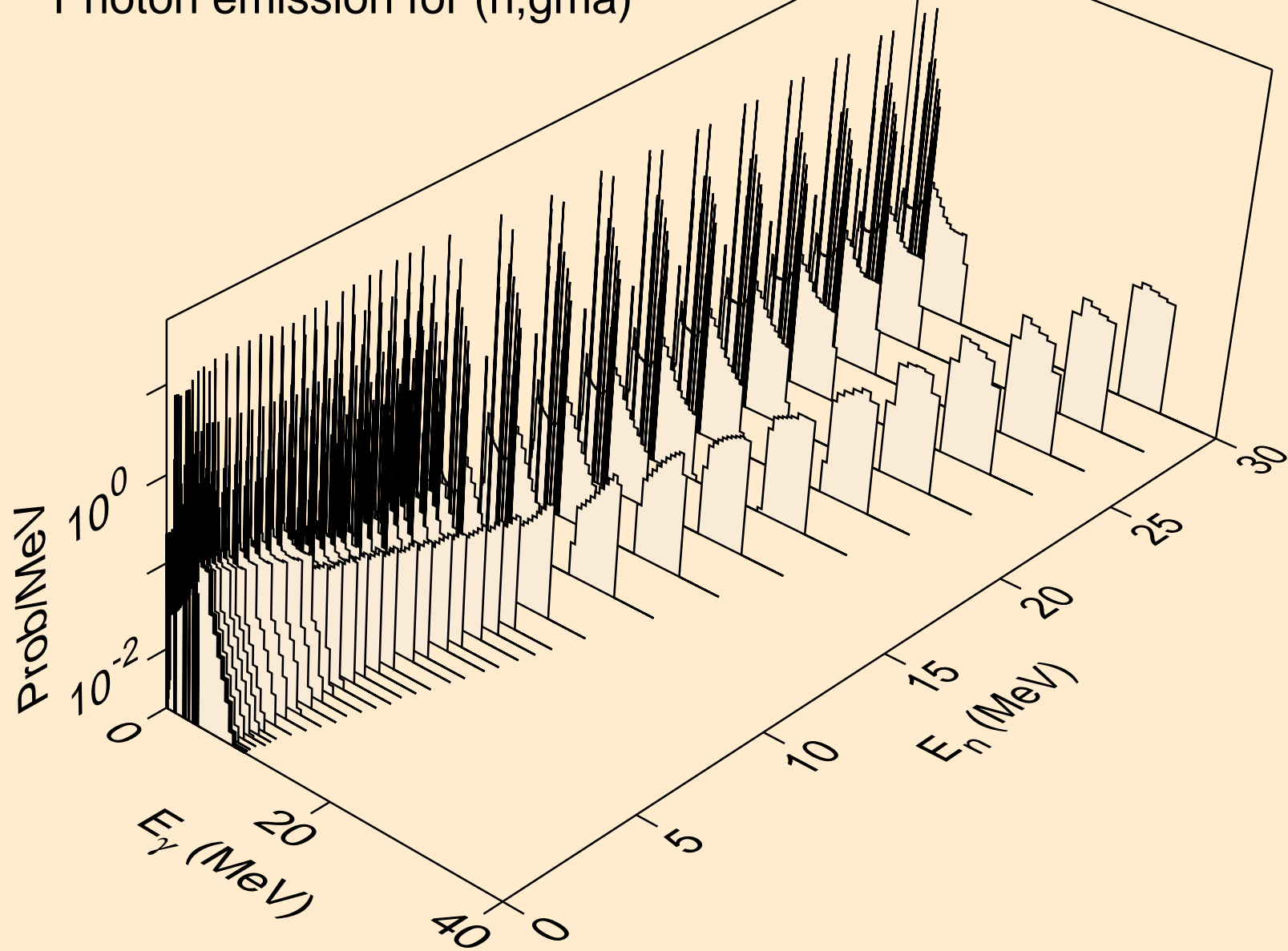
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Photon emission for (n,npa)



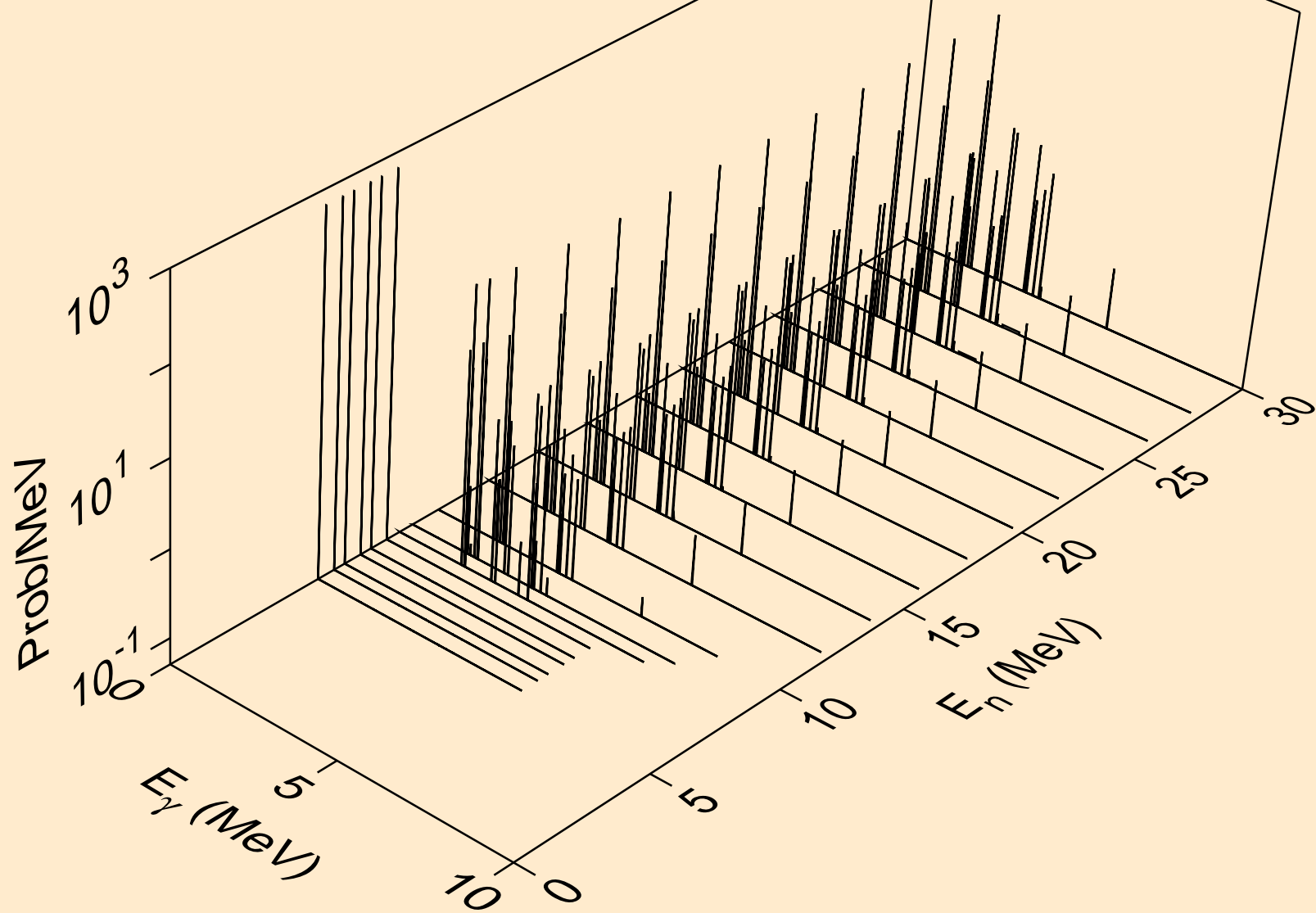
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Photon emission for (n,n\*c)



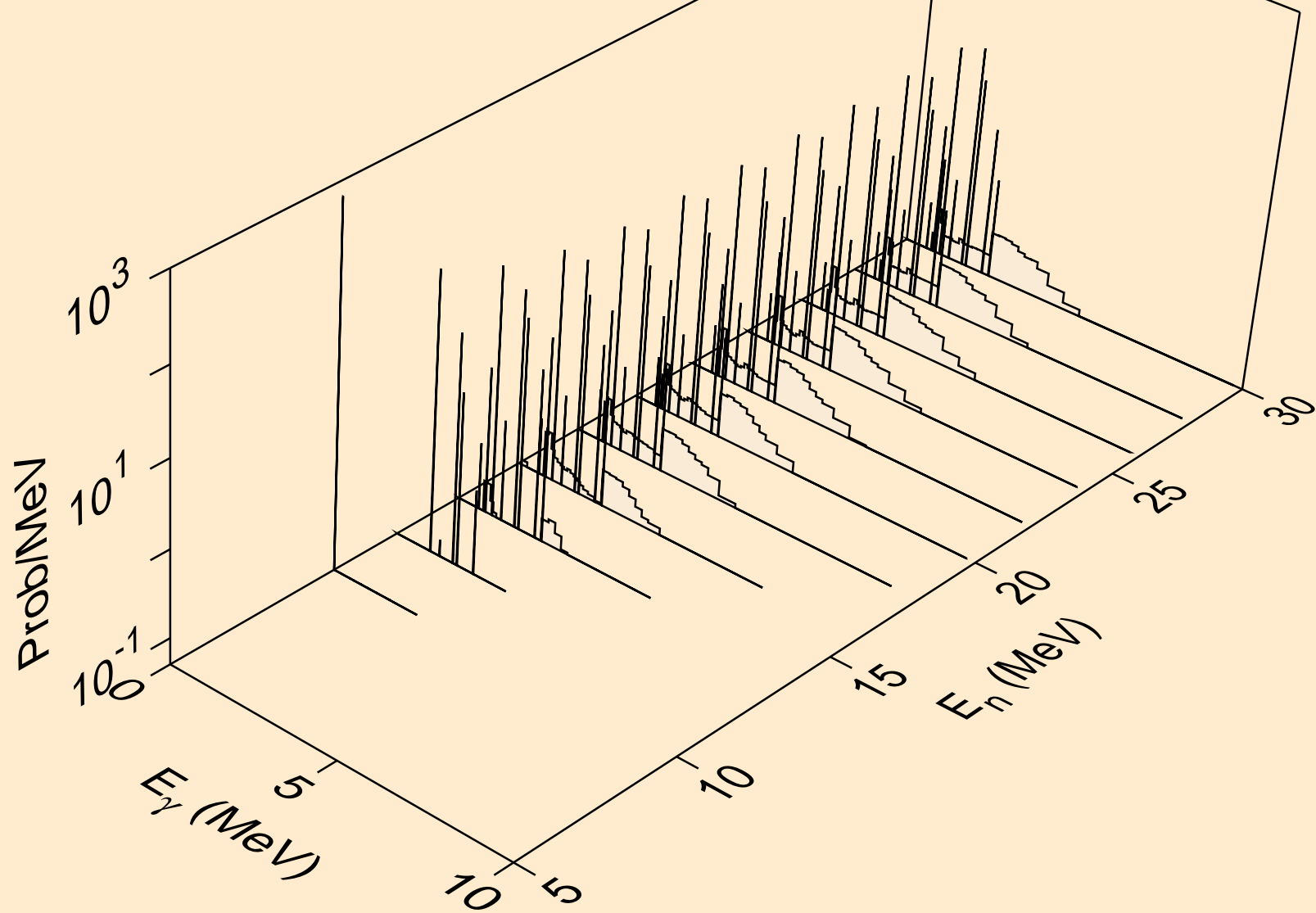
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

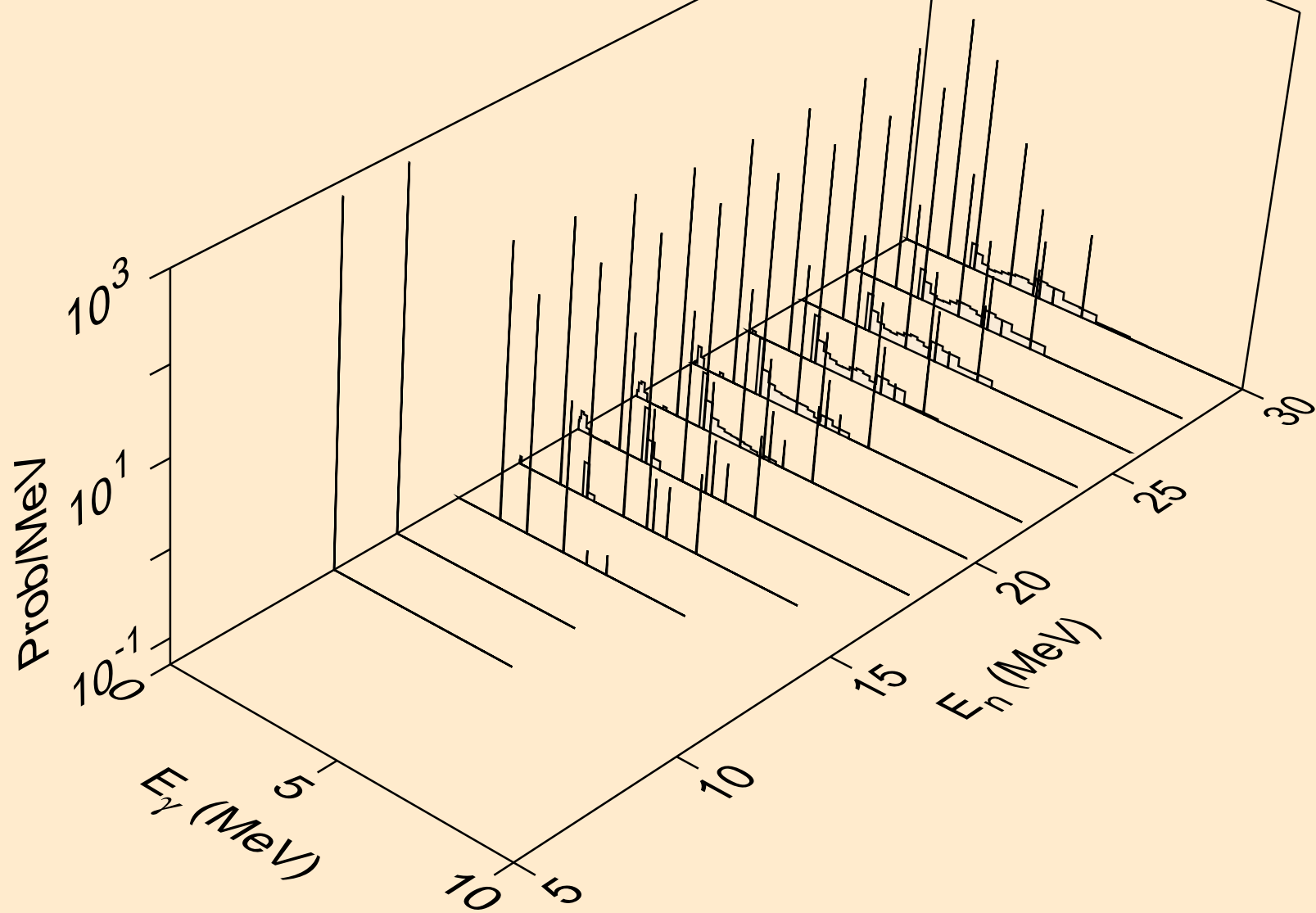


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Photon emission for (n,d)

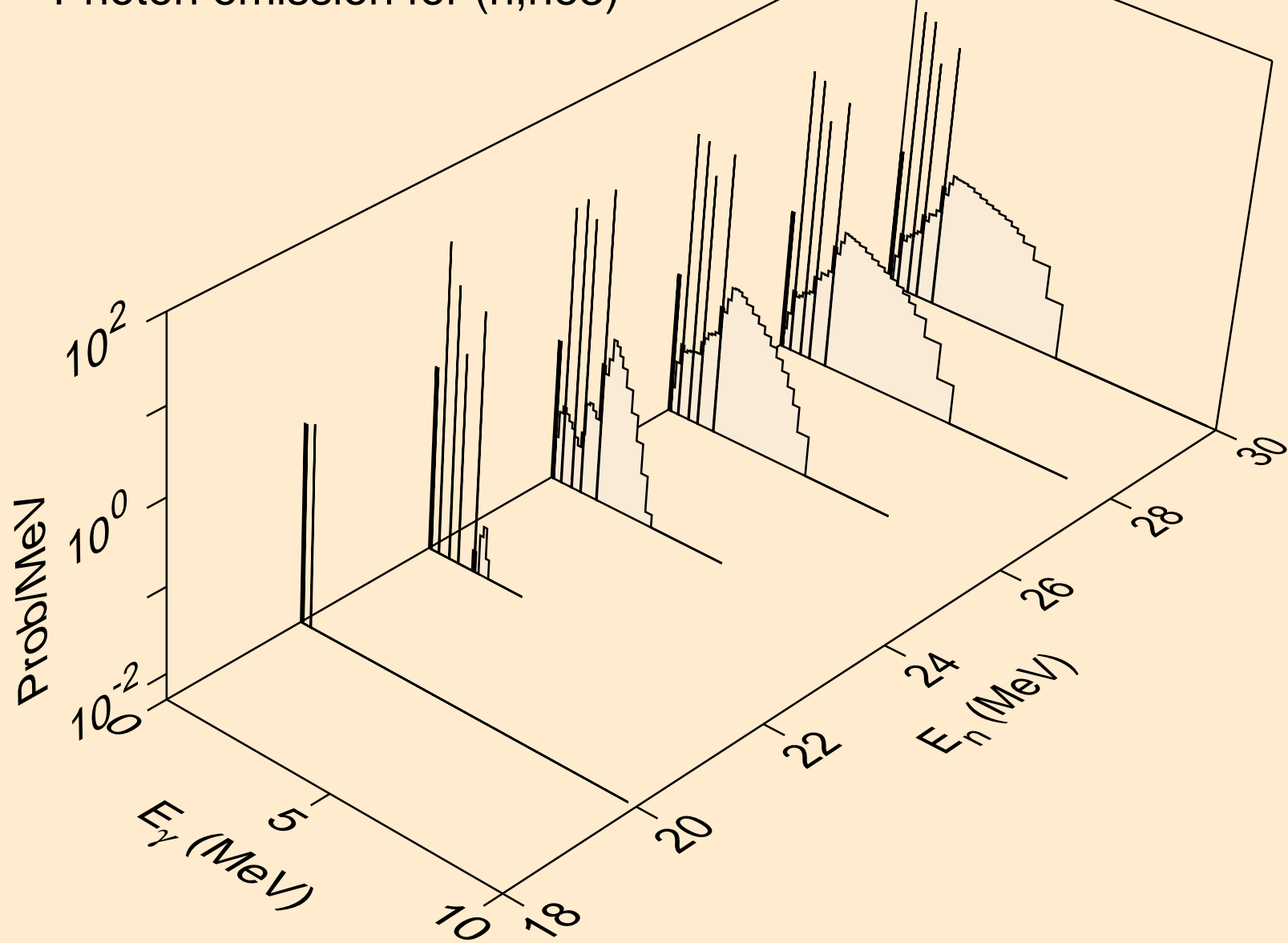




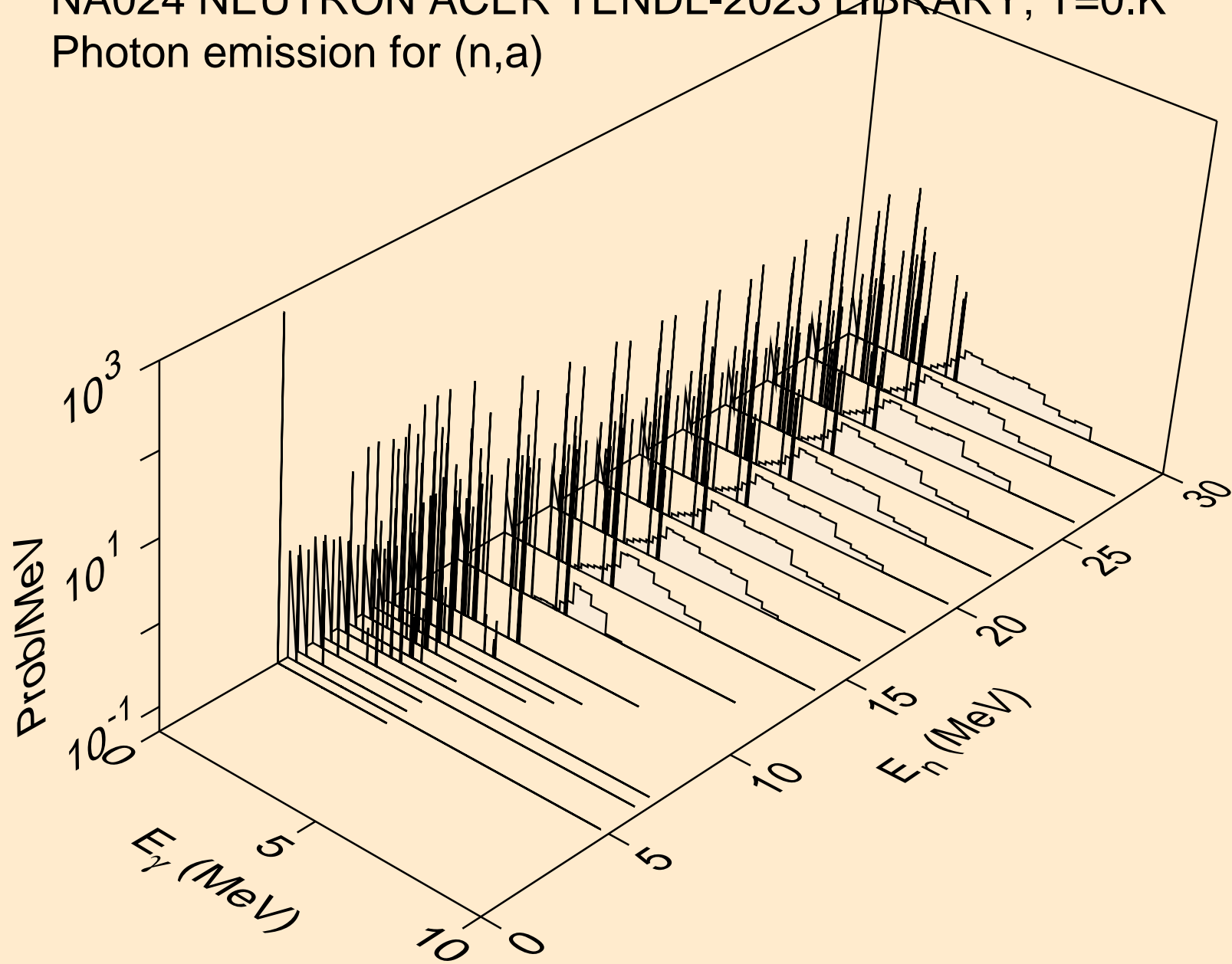
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Photon emission for (n,t)



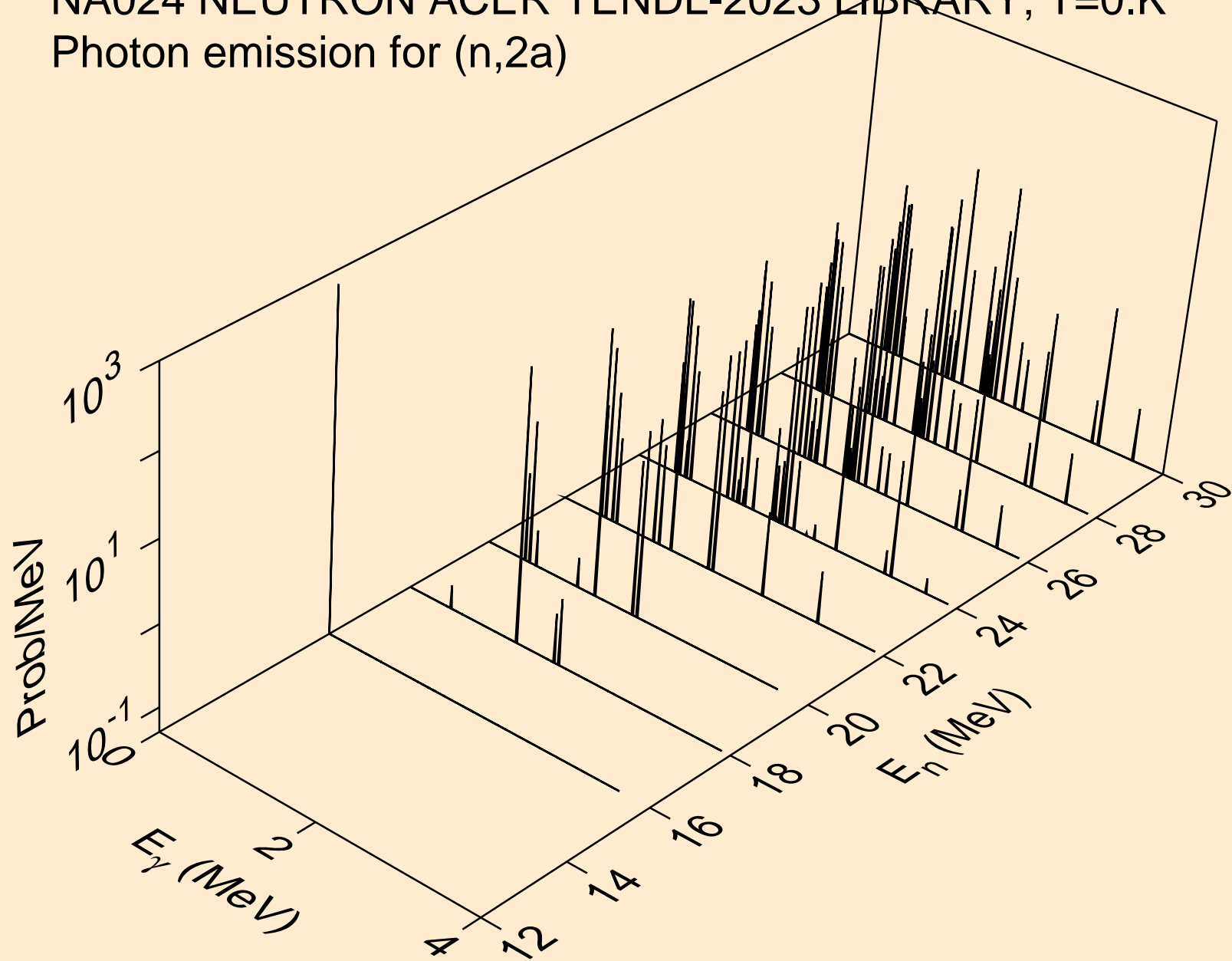
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Photon emission for (n,he3)



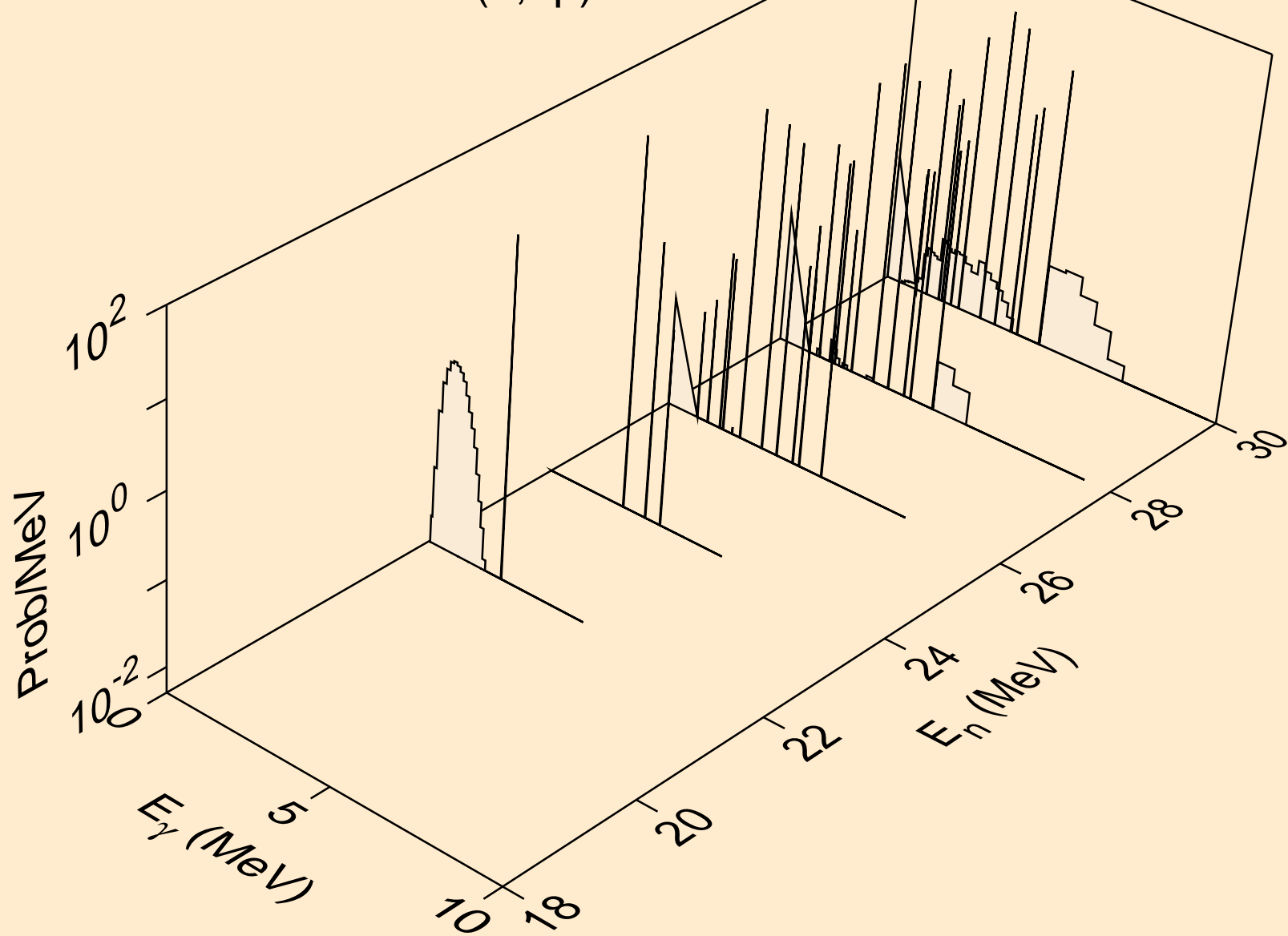
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Photon emission for (n,a)



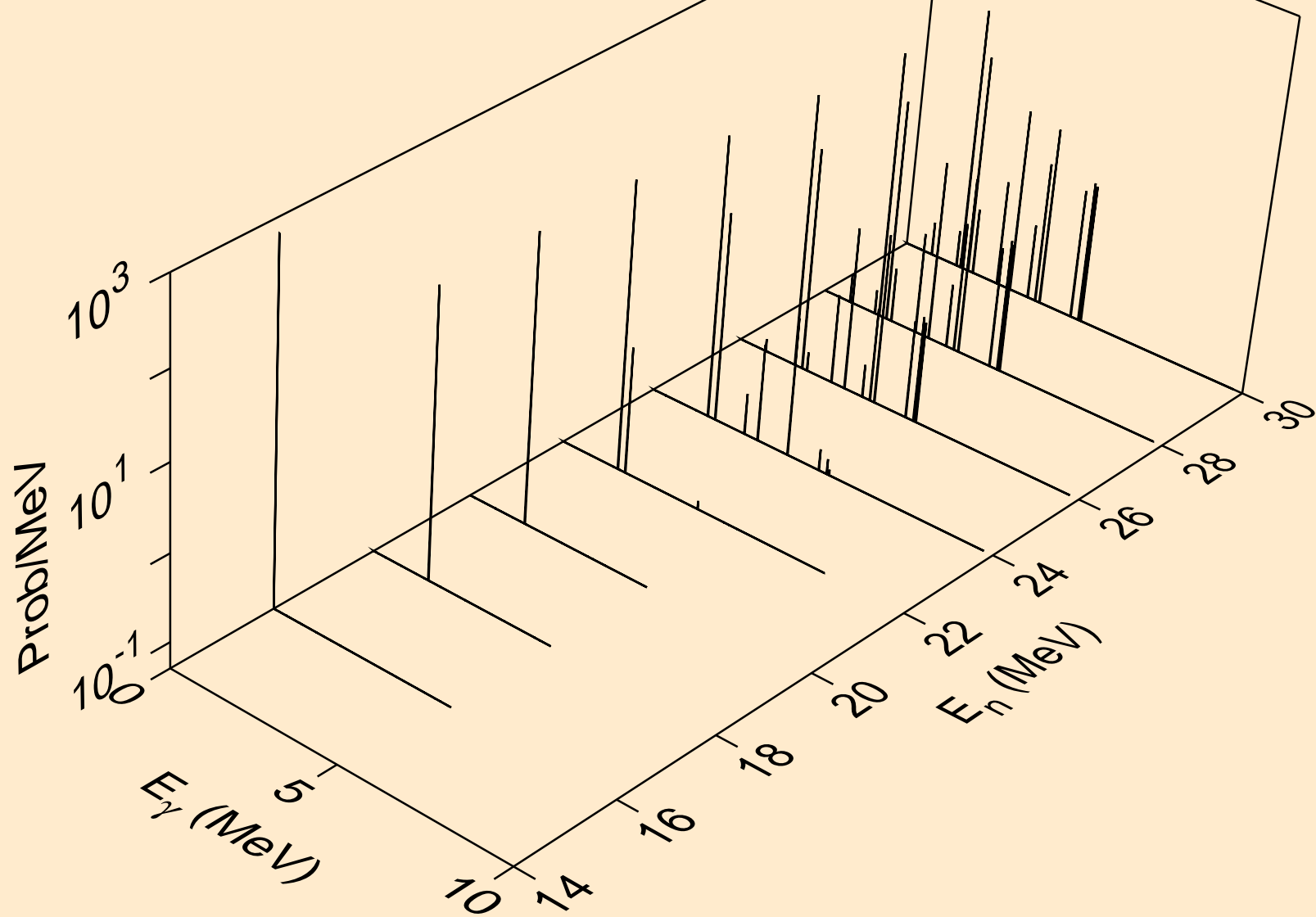
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Photon emission for (n,2a)



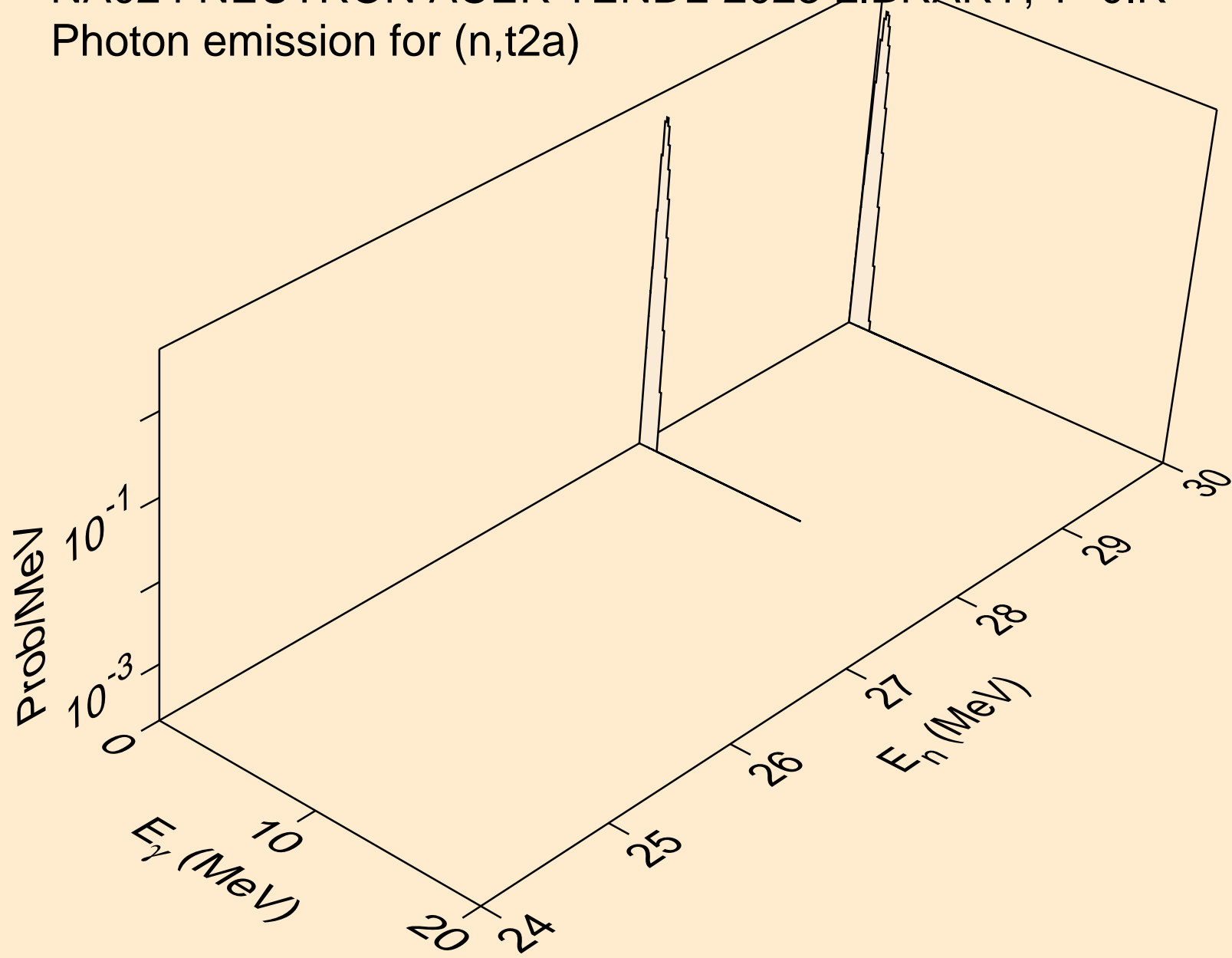
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Photon emission for (n,2p)



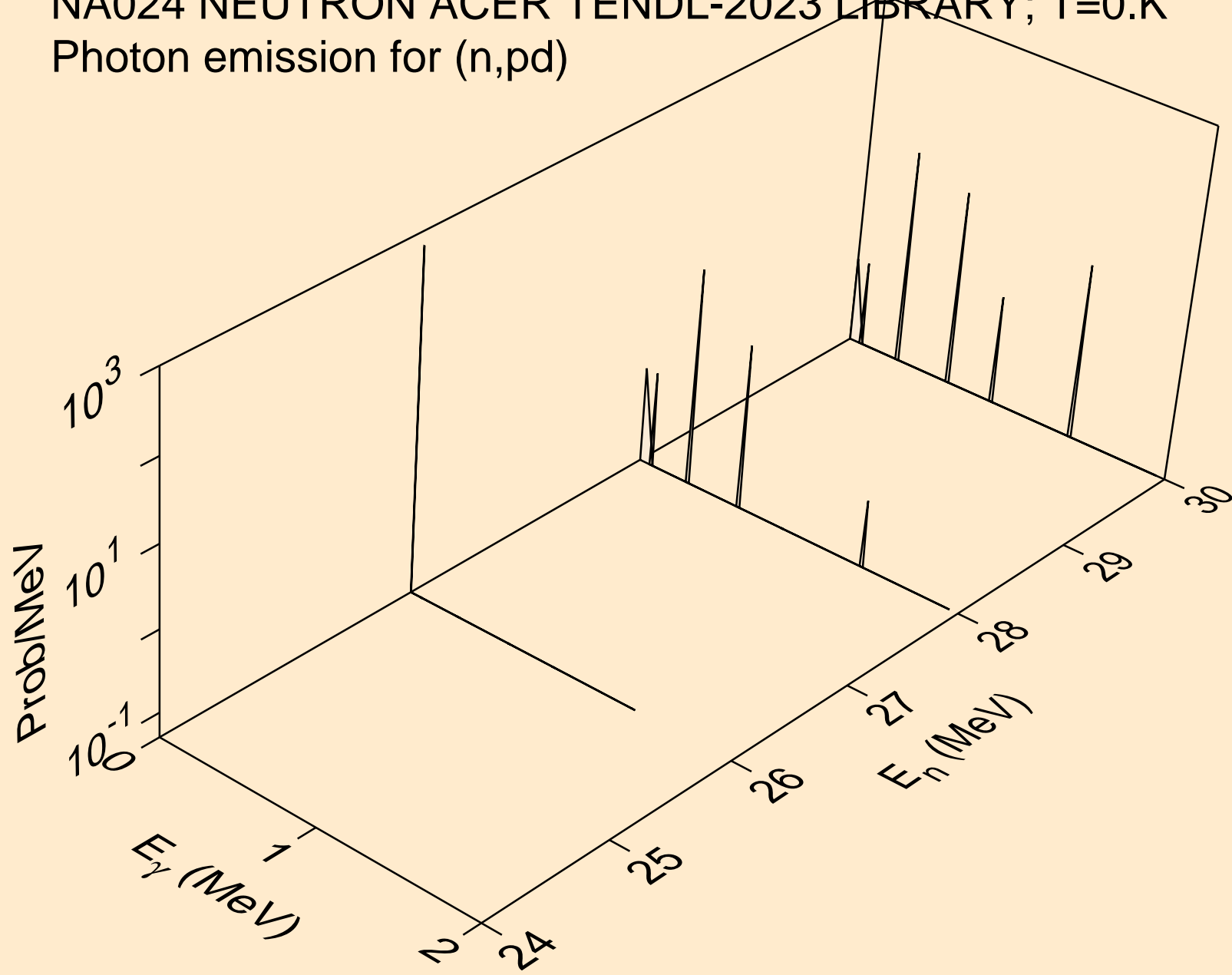
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)

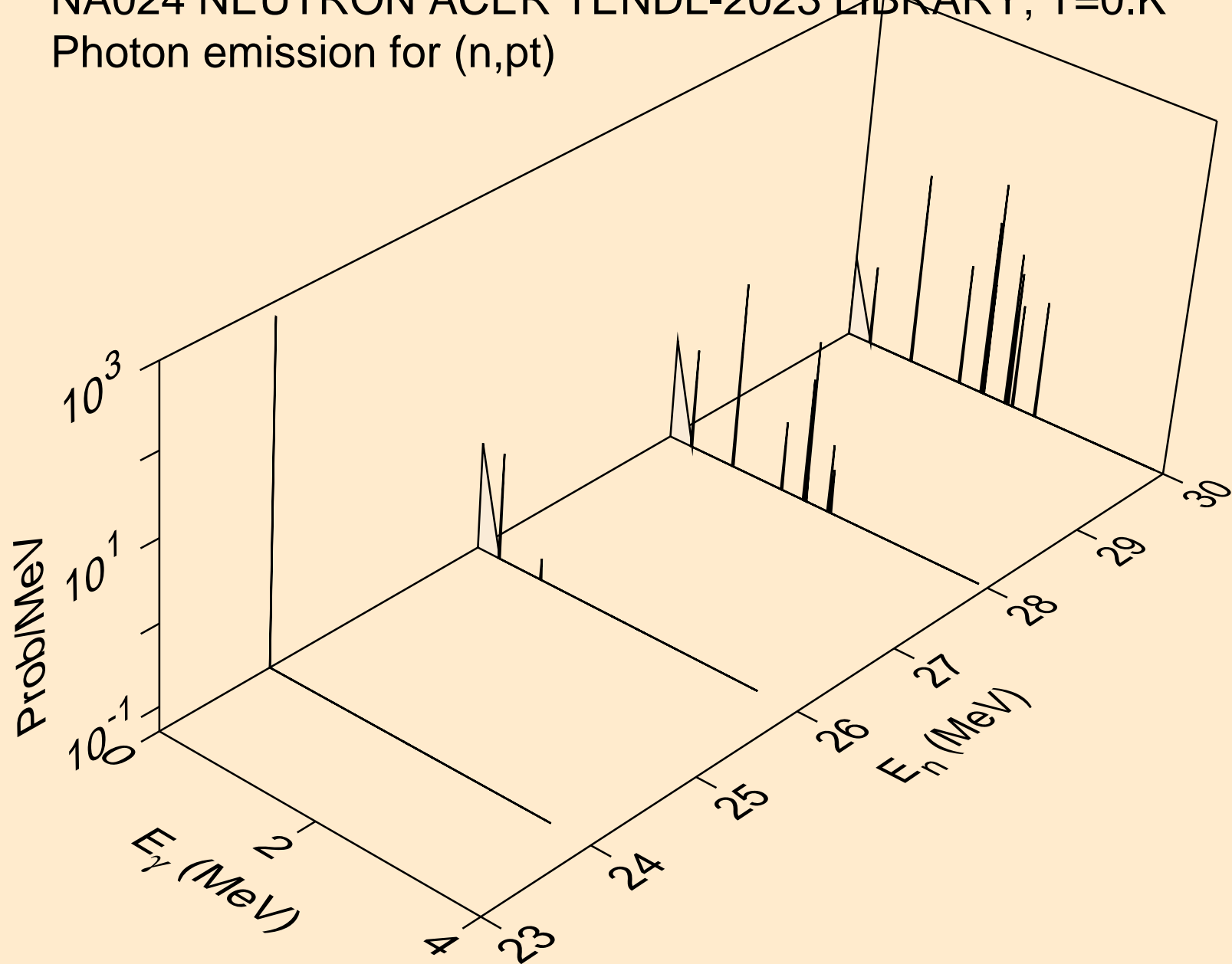


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Photon emission for (n,pd)

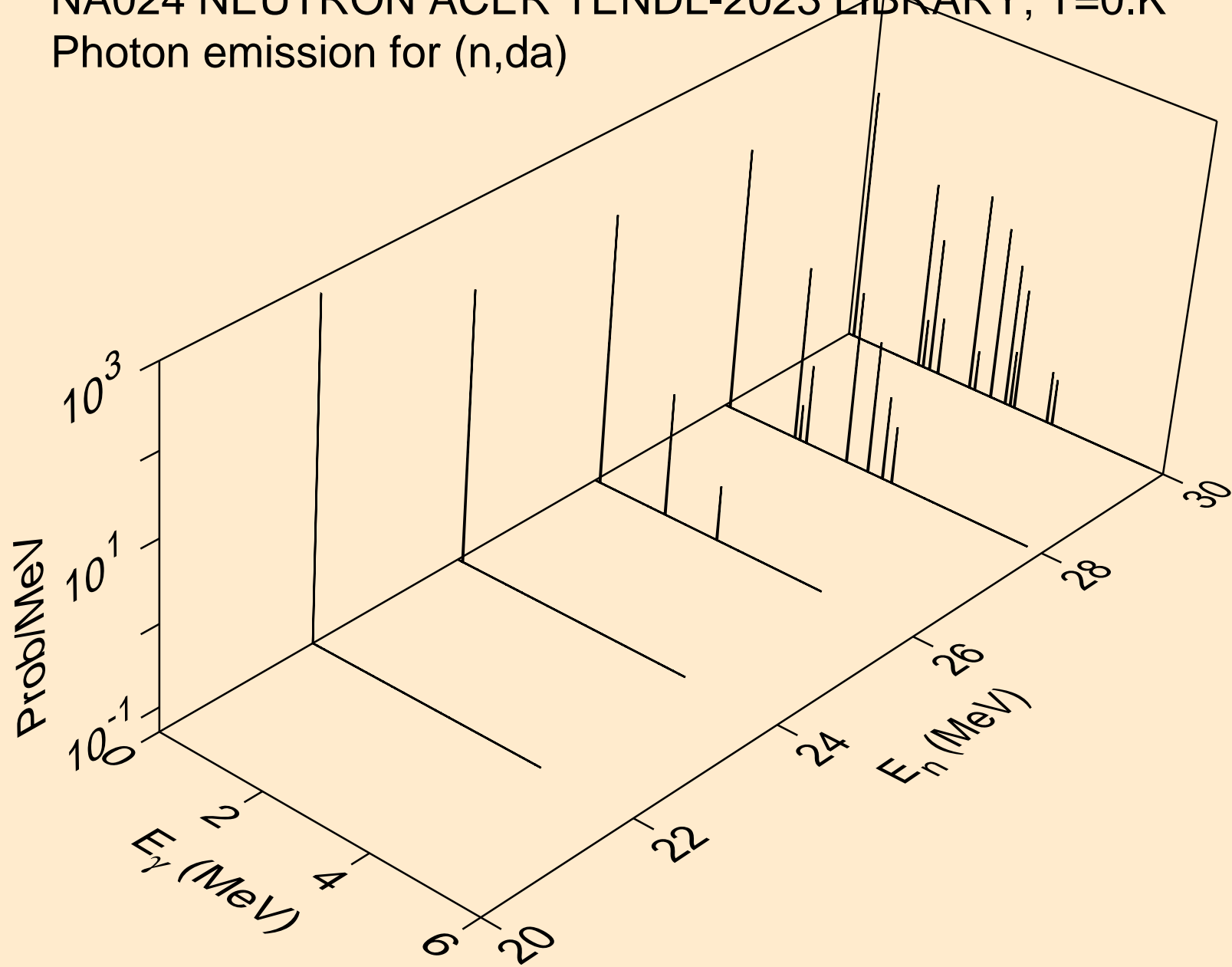




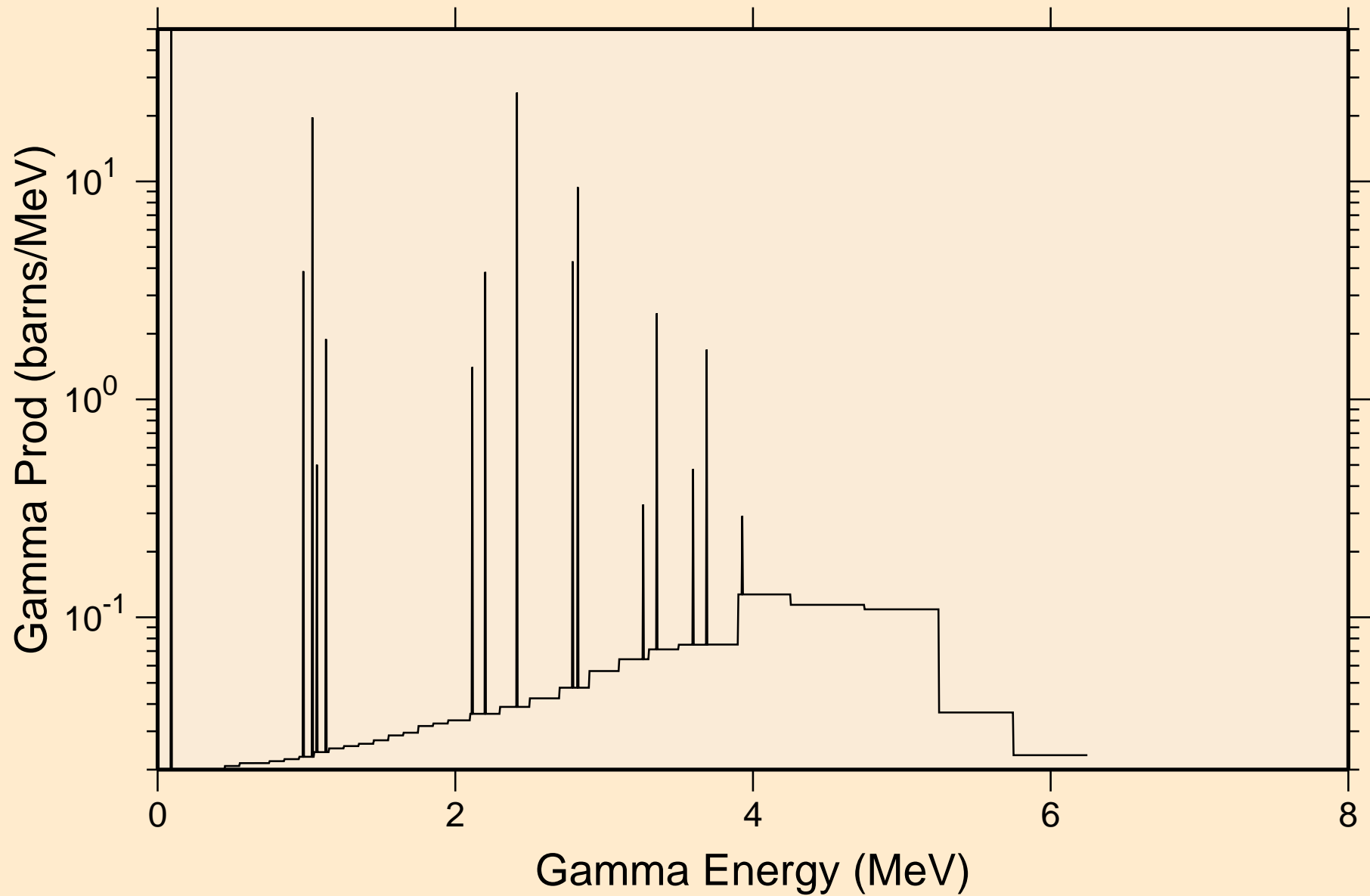
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



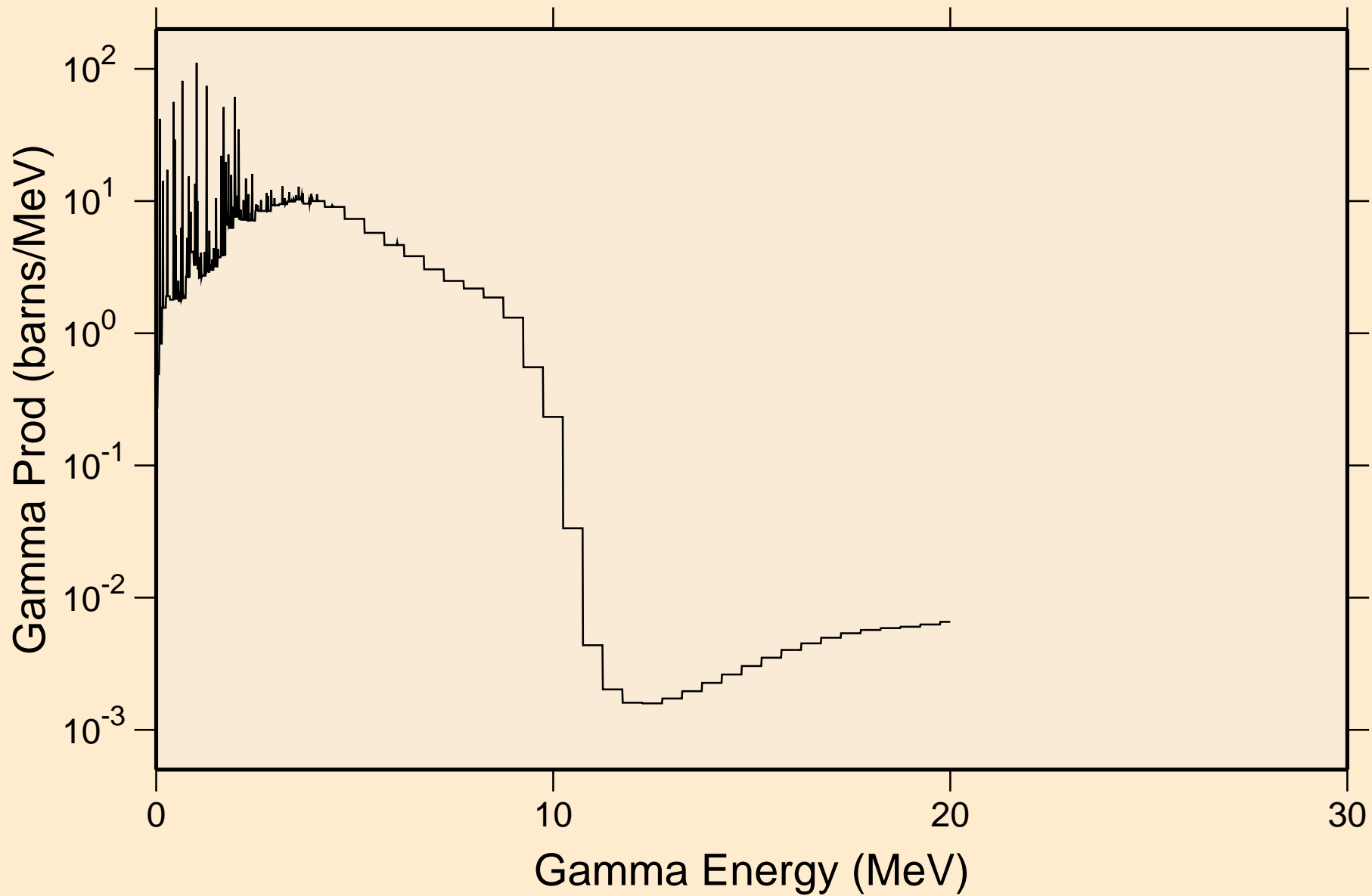
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

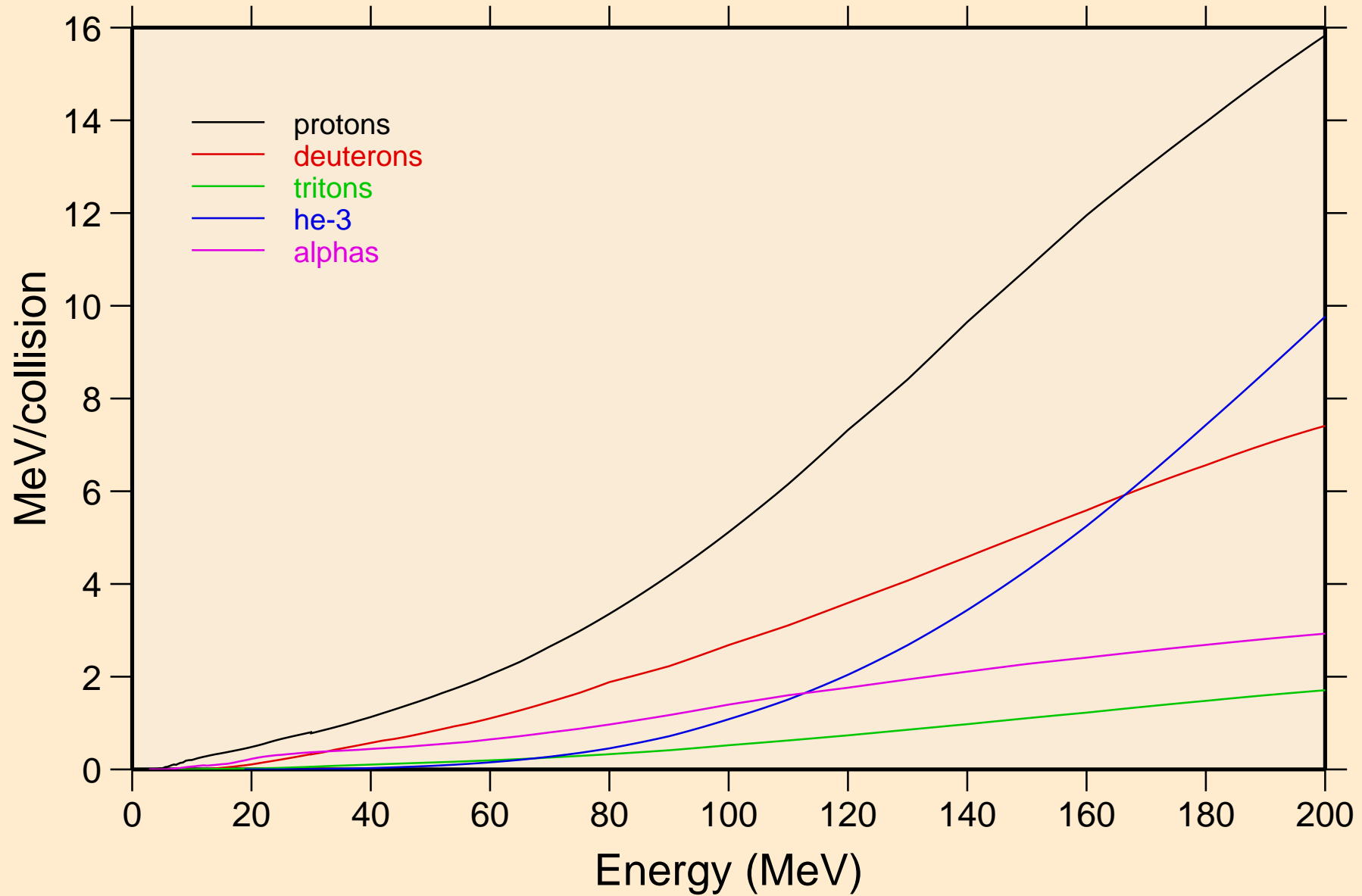


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14 MeV photon spectrum

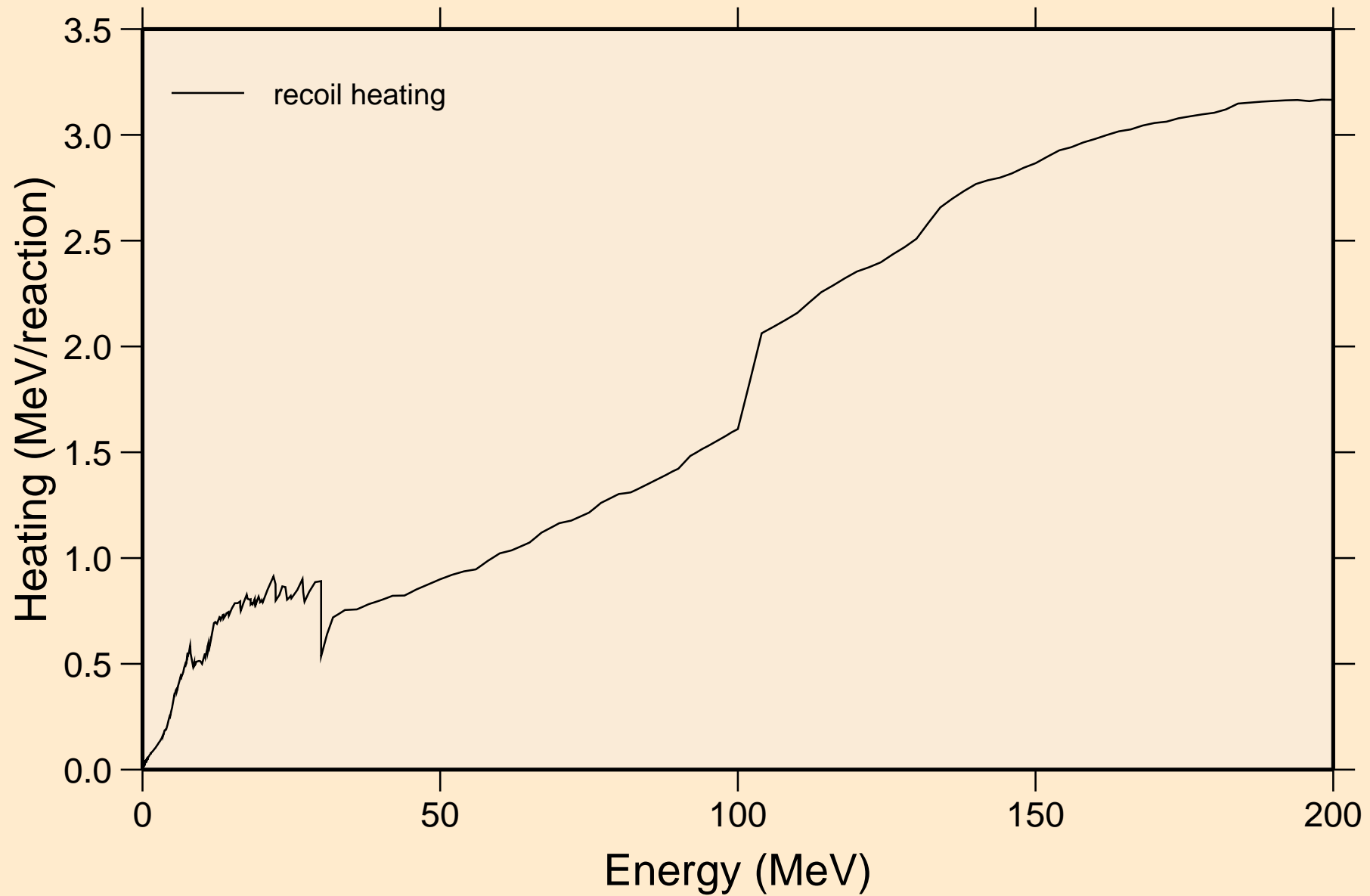


# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

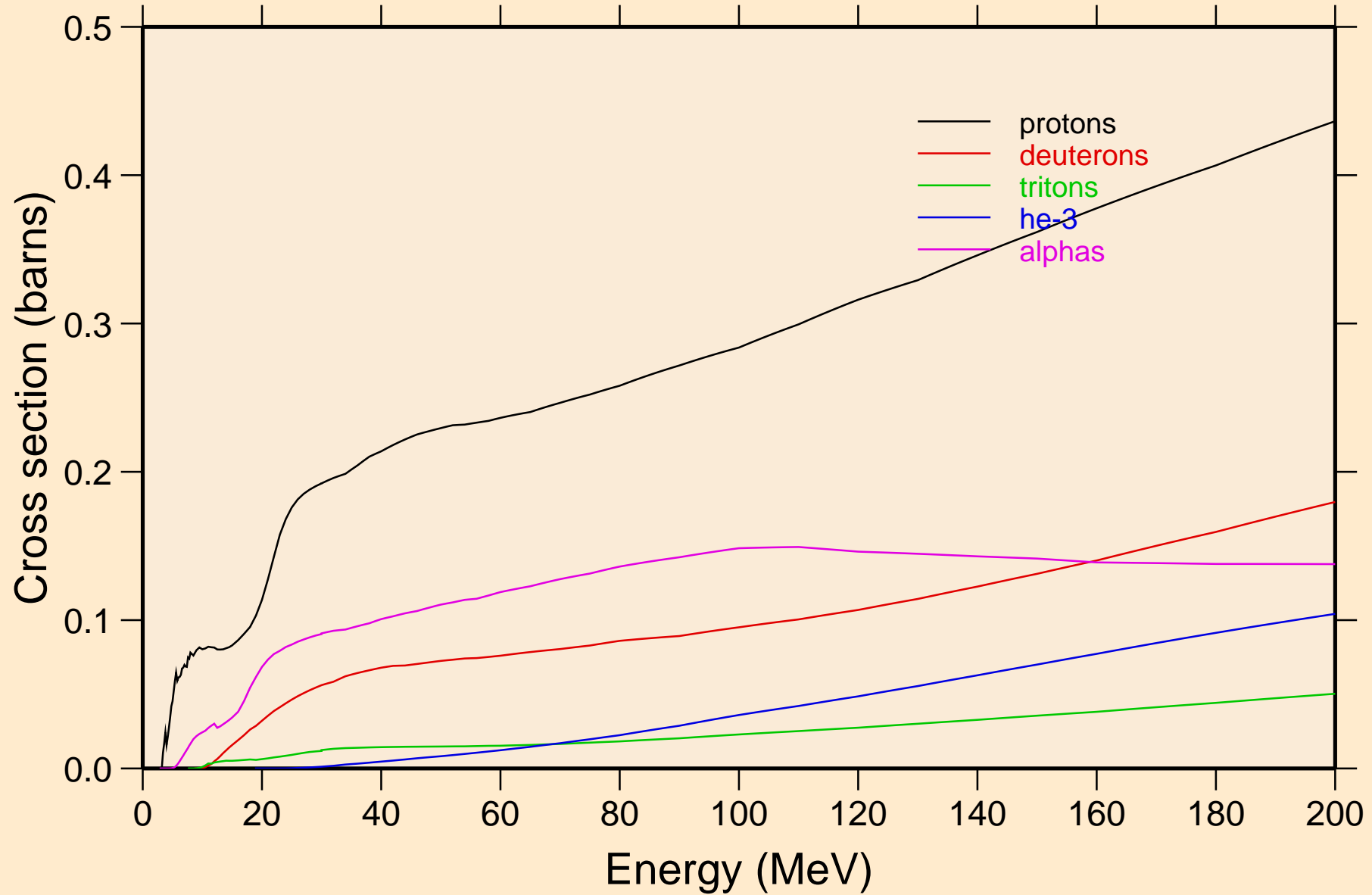


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

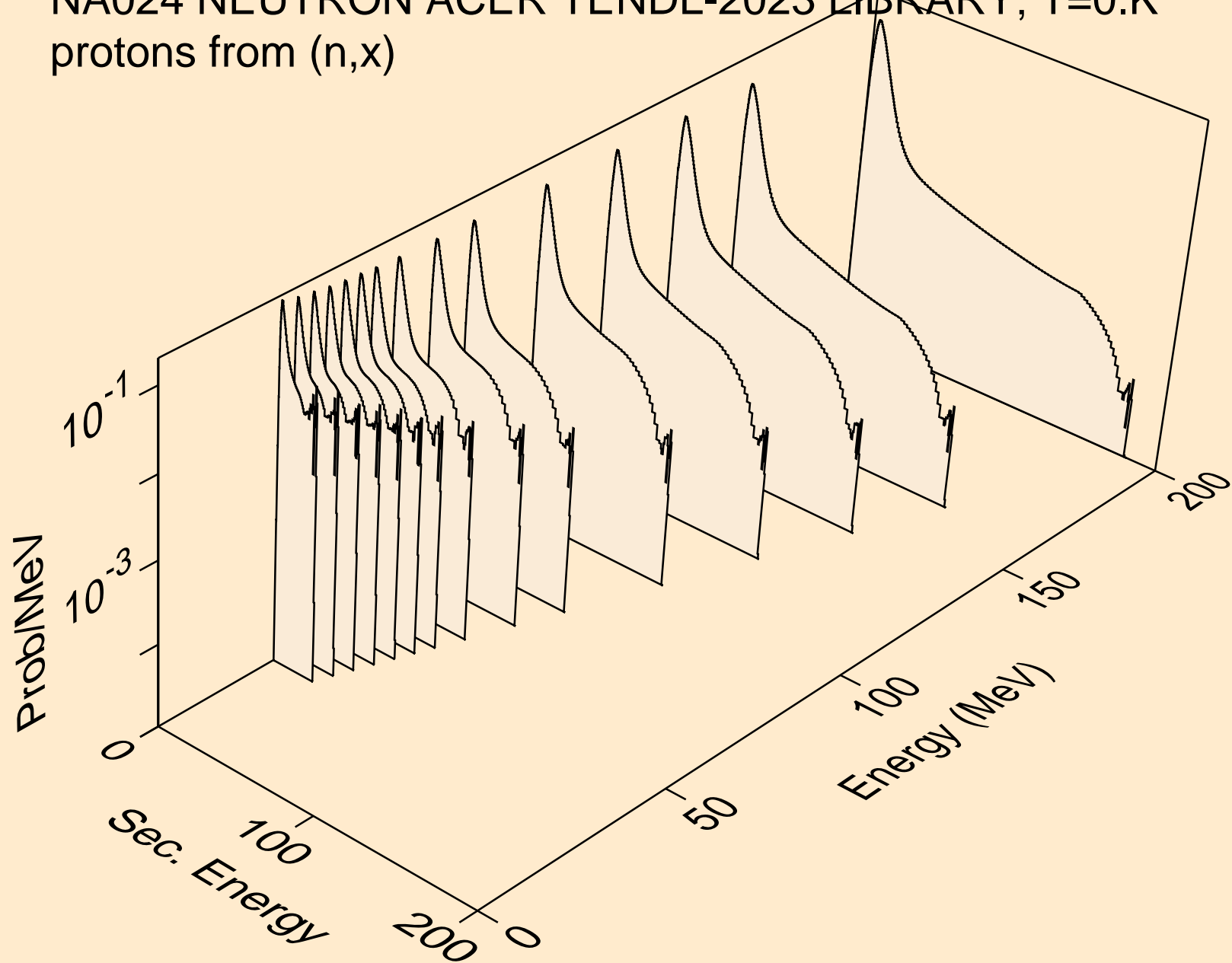


# NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

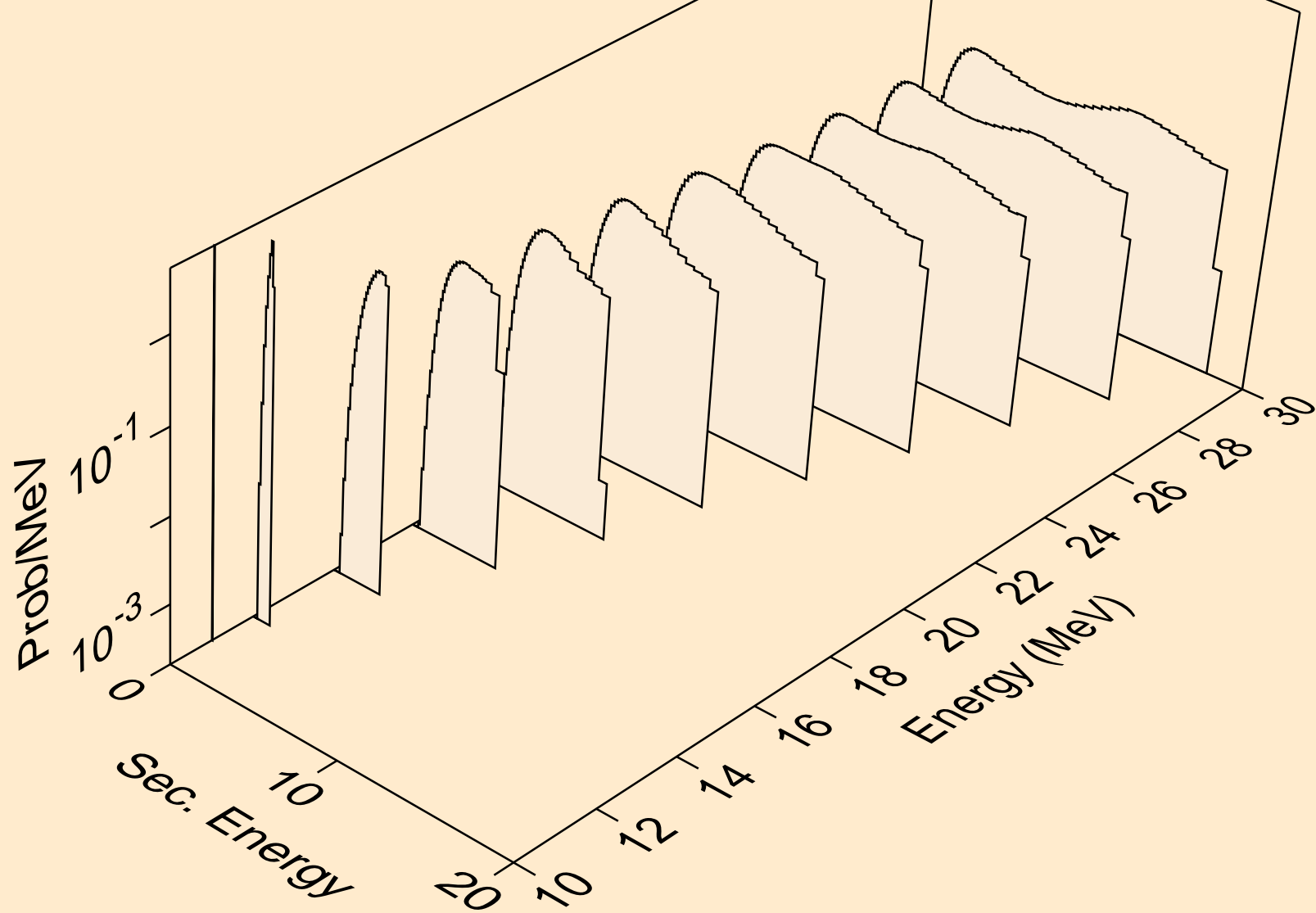


NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

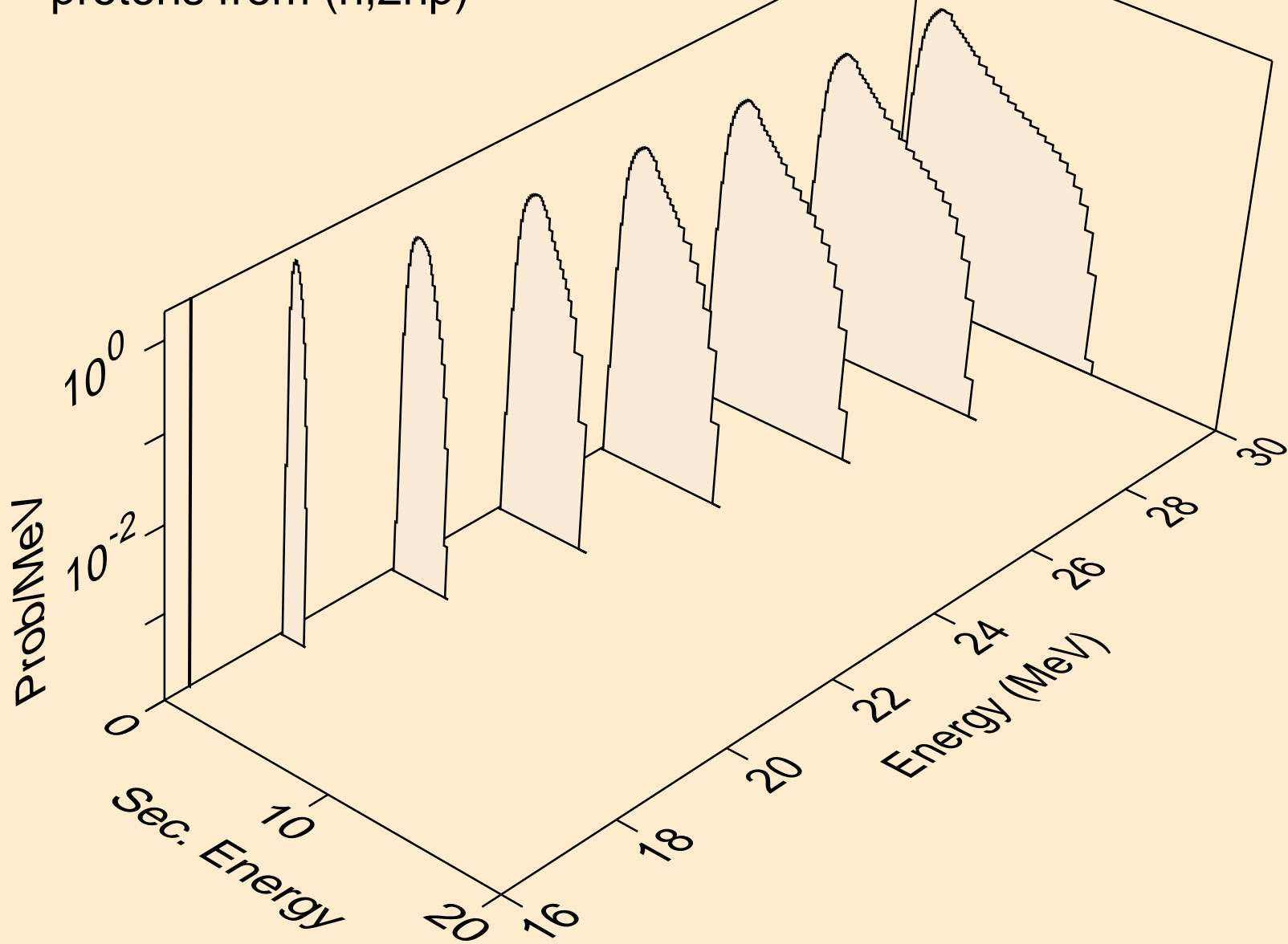




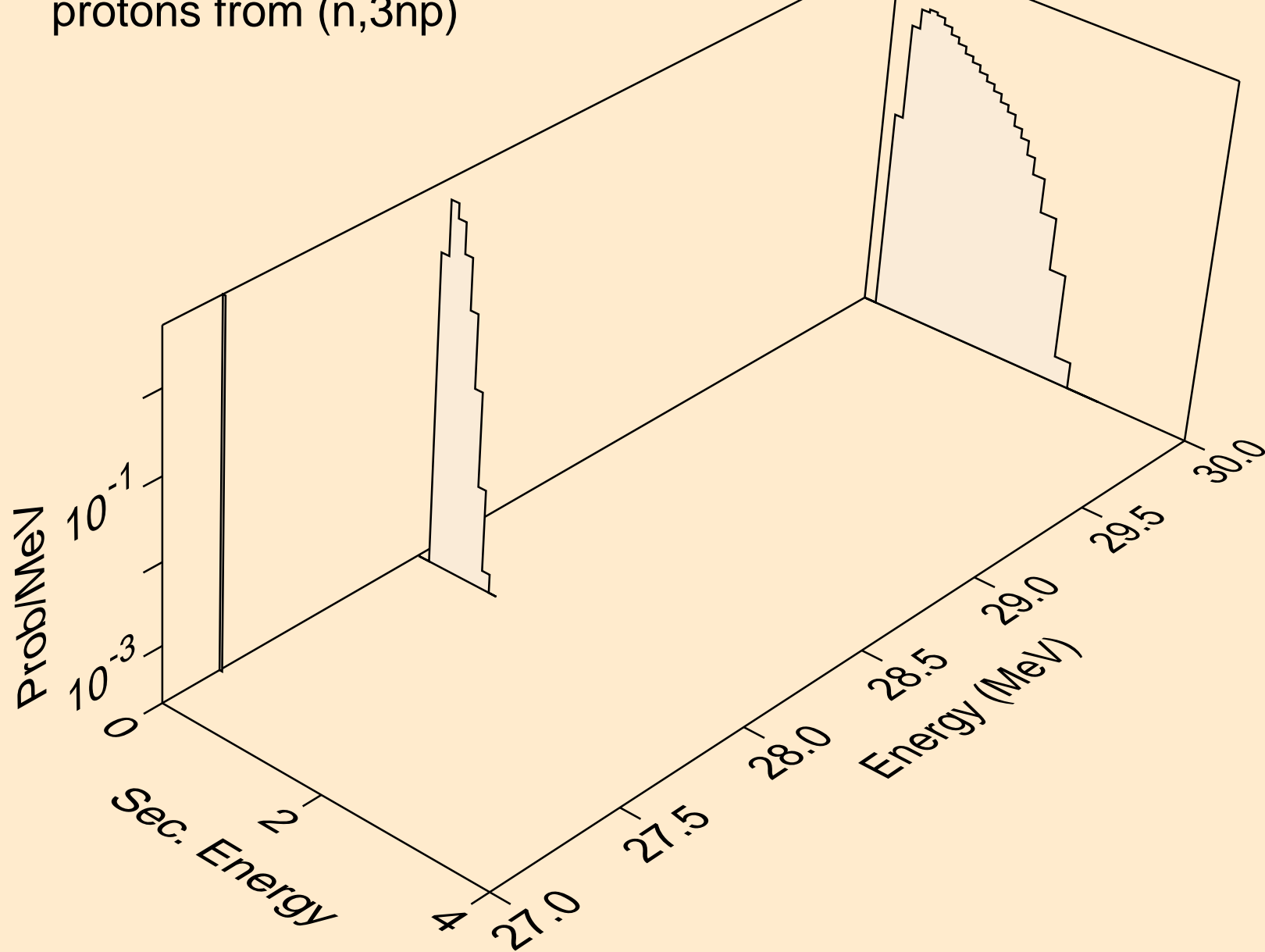
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



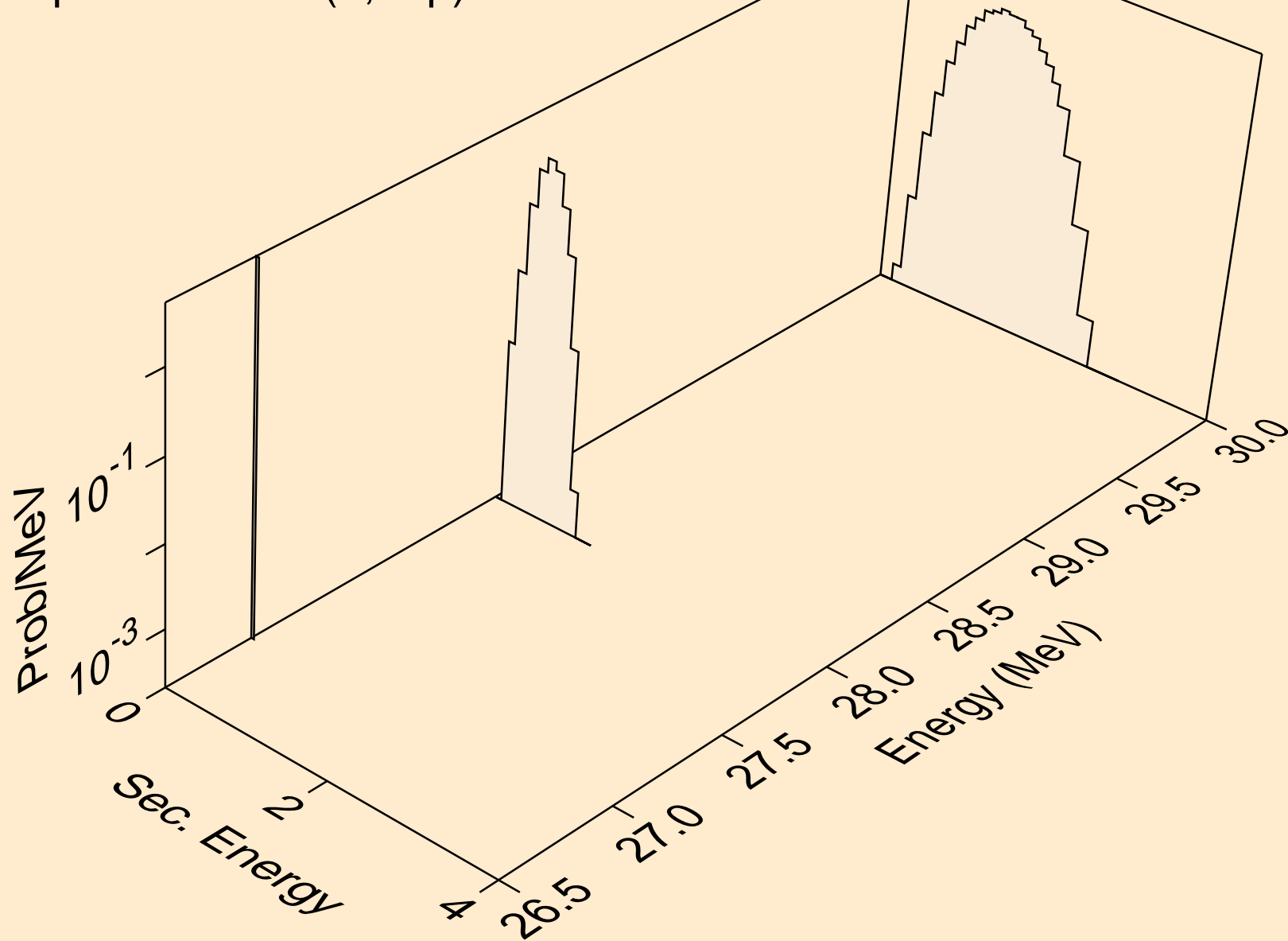
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protons from (n,2np)



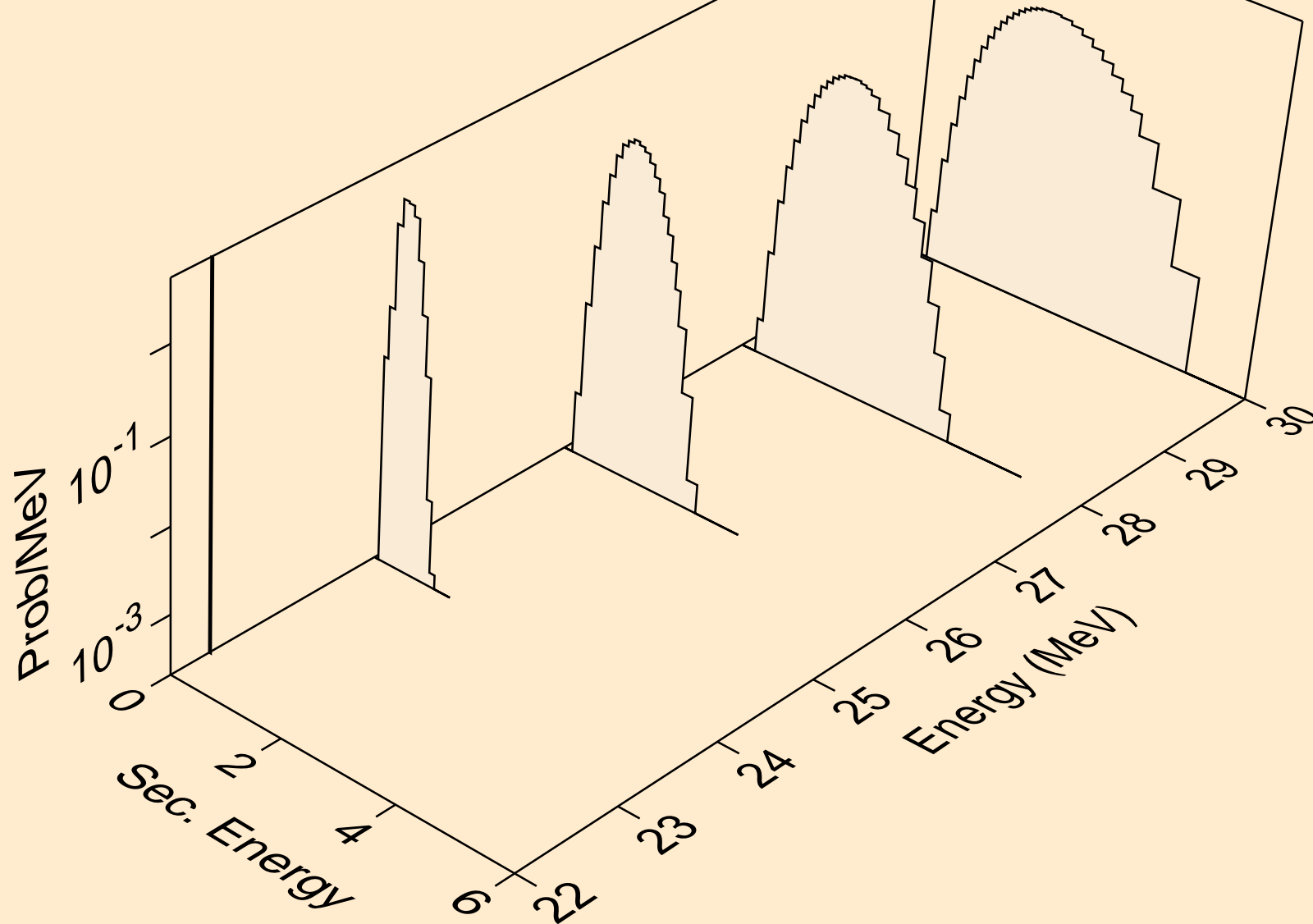
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protons from (n,3np)



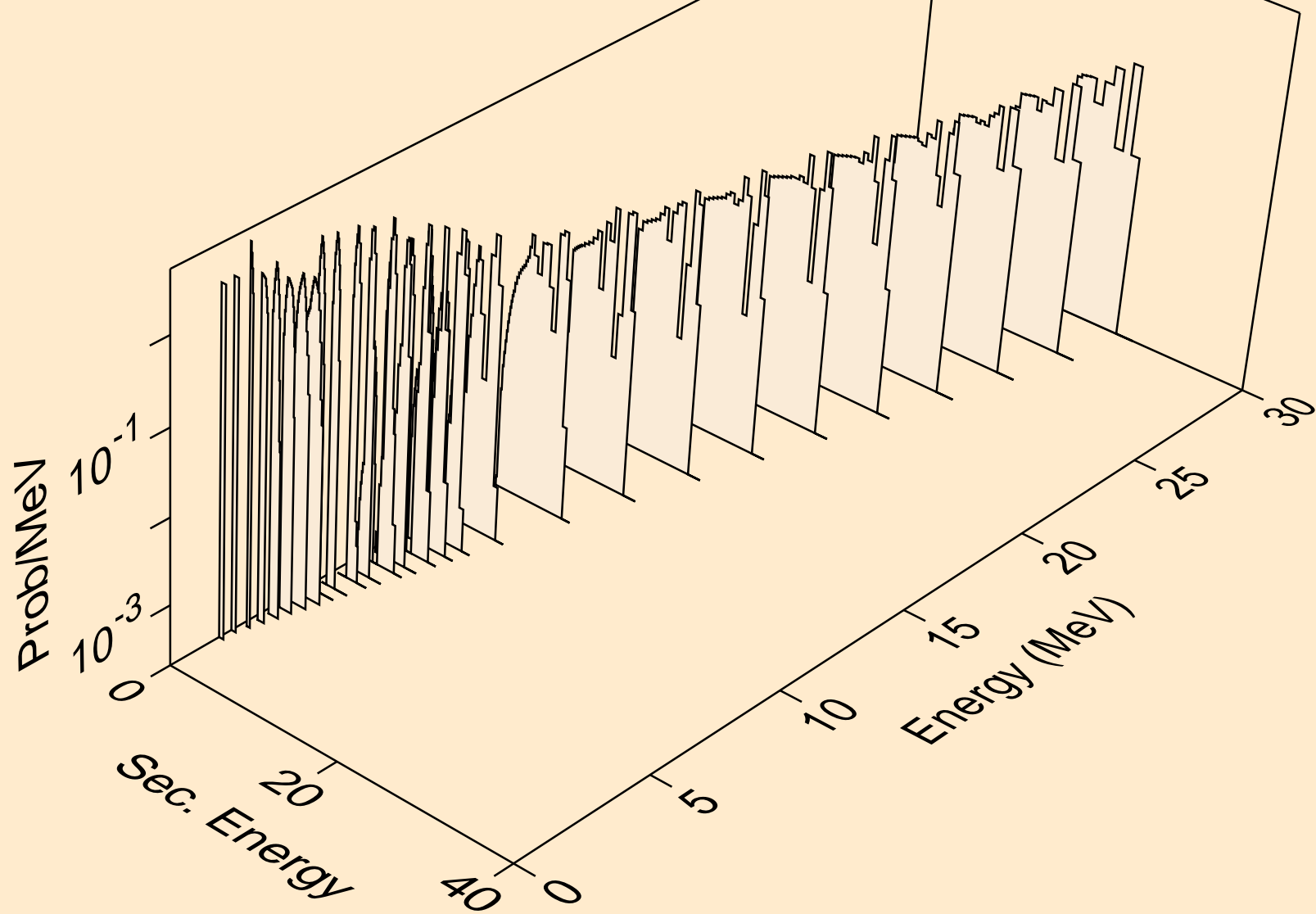
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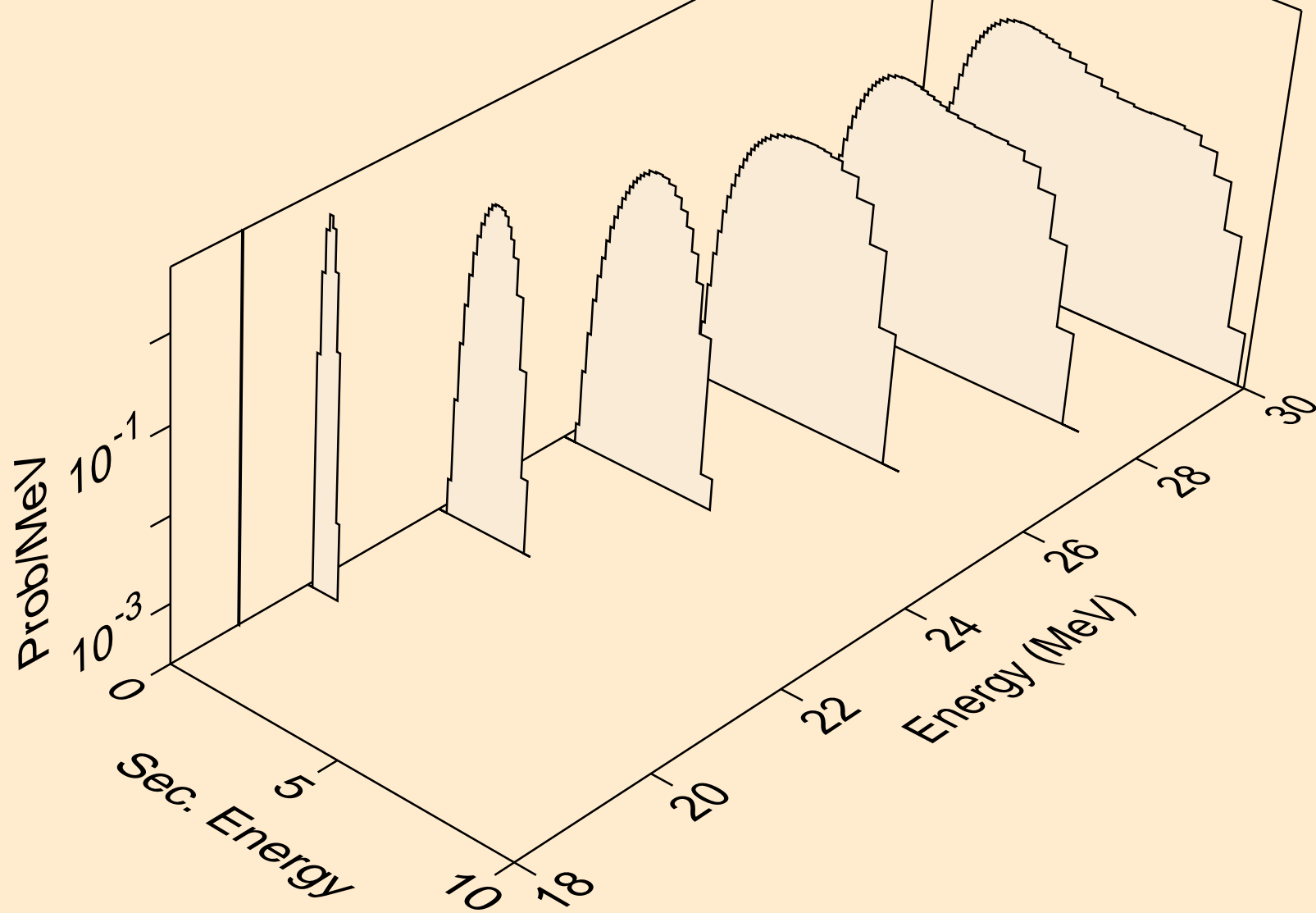
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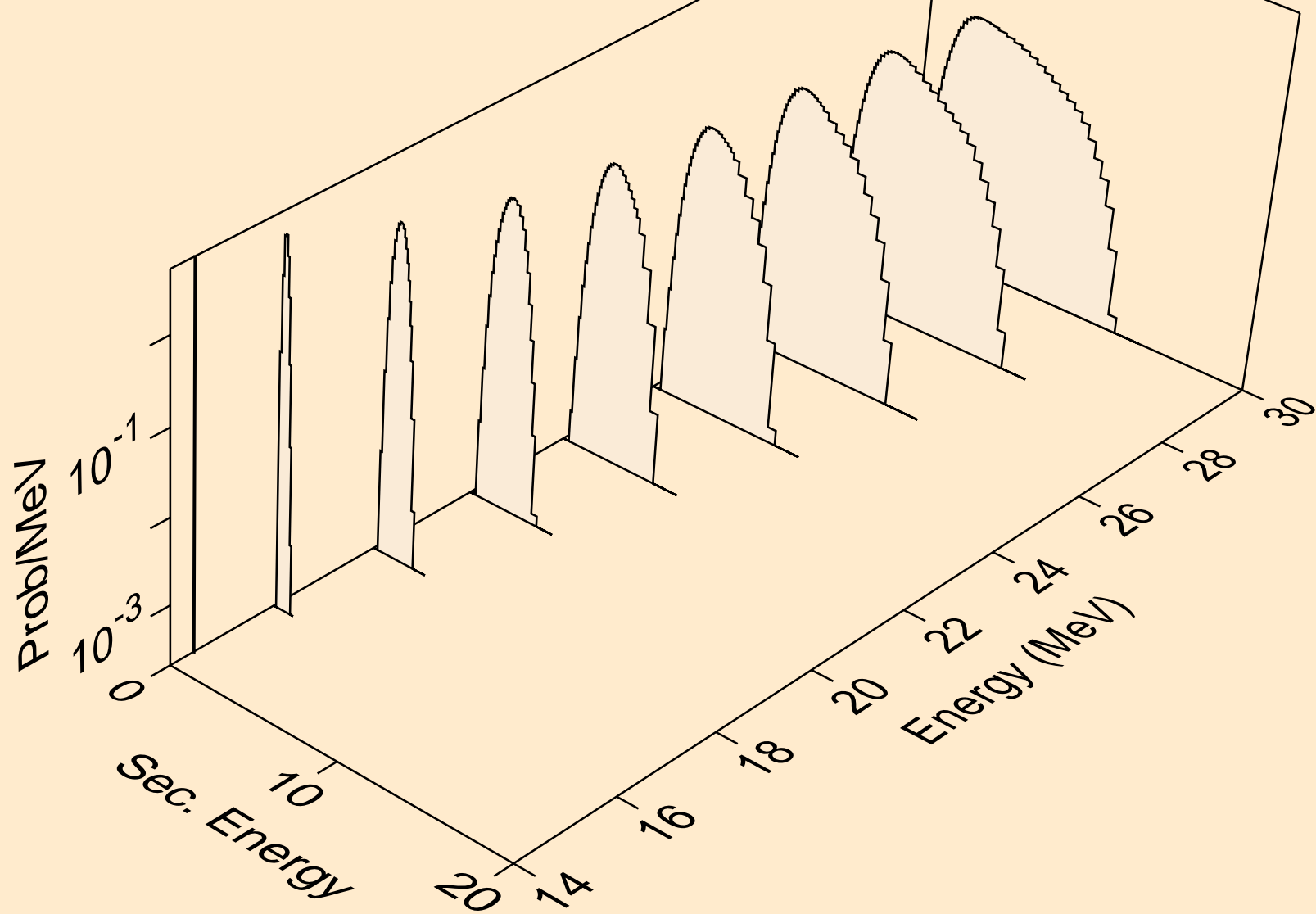
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protons from (n,p)



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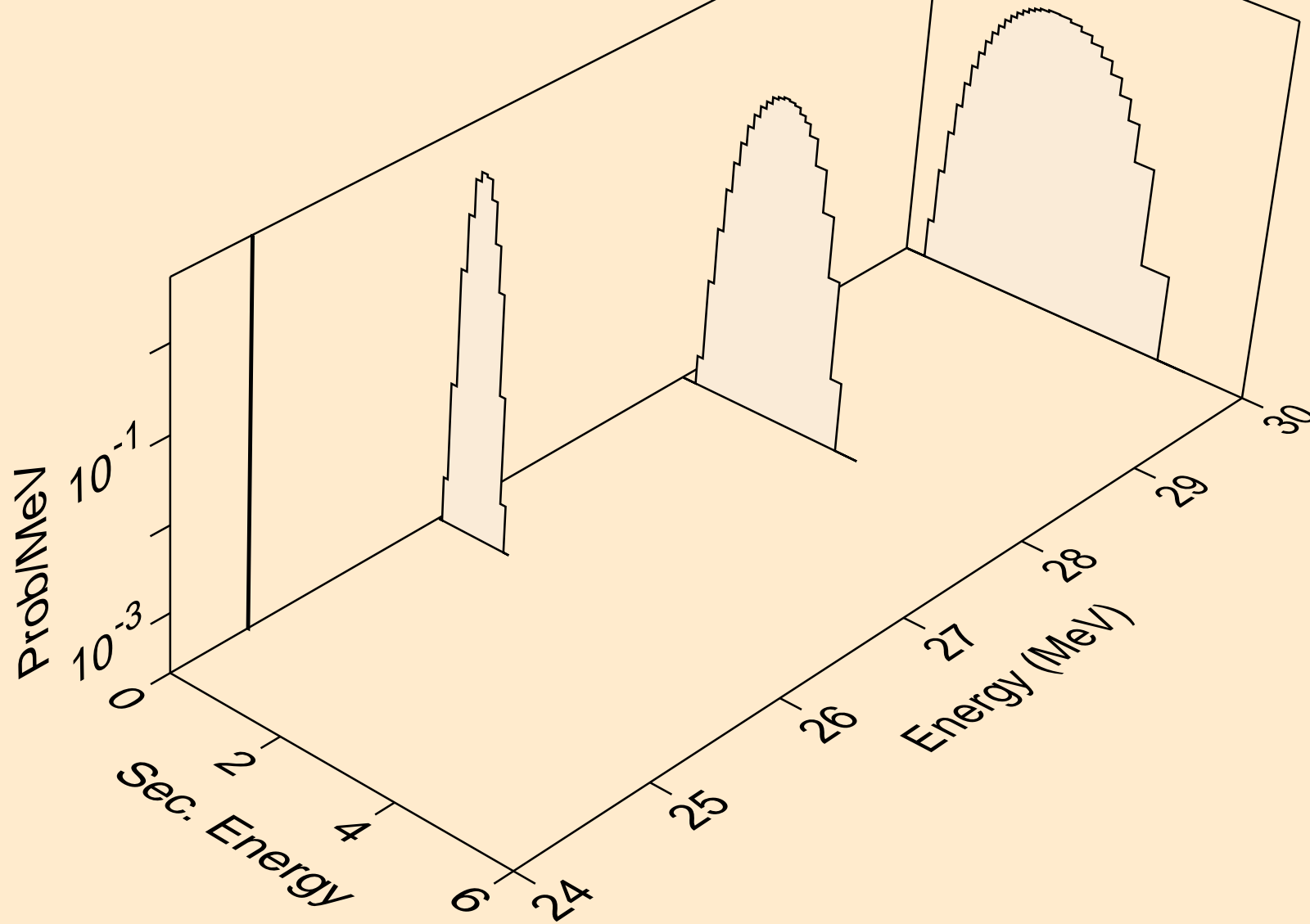


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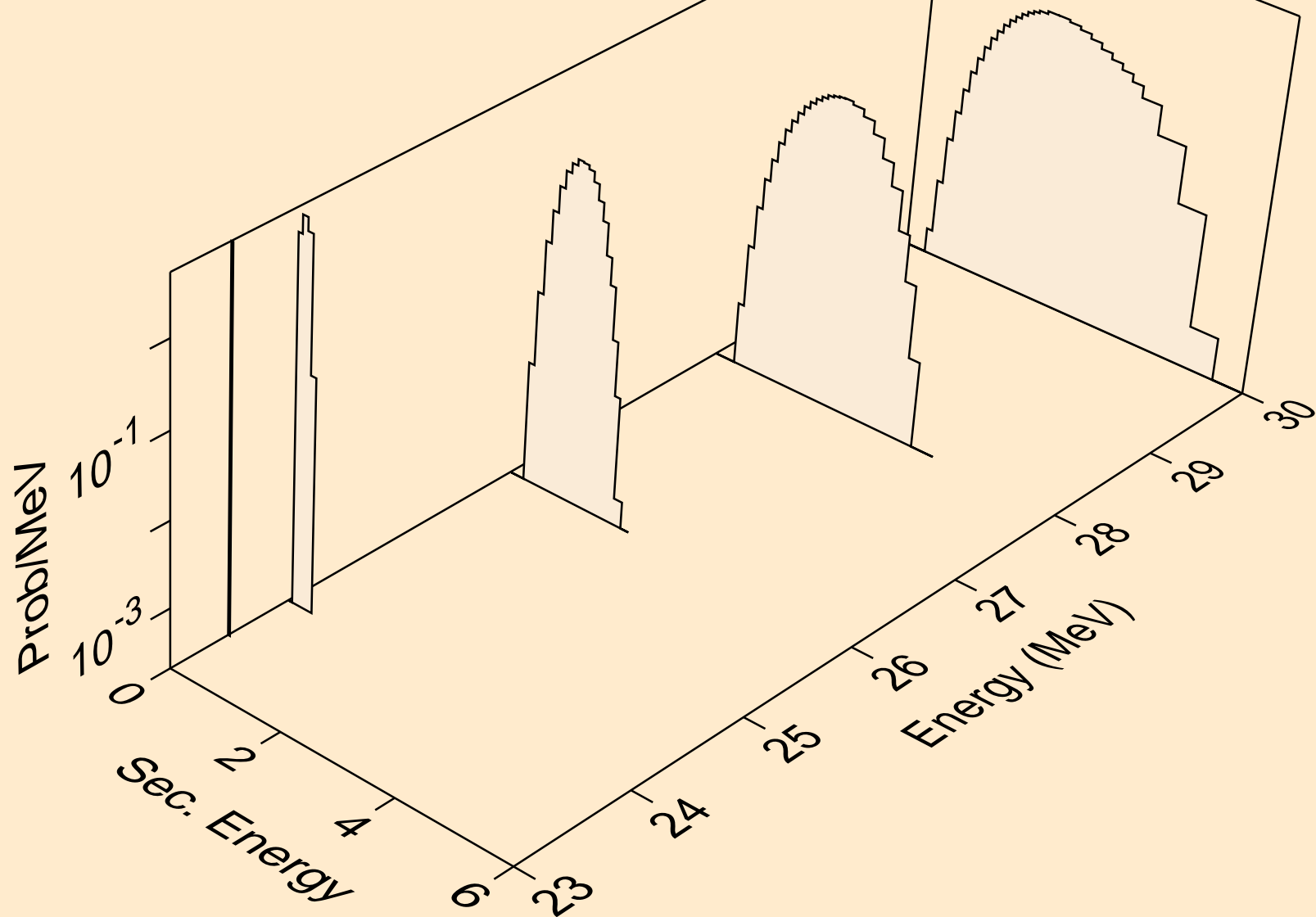




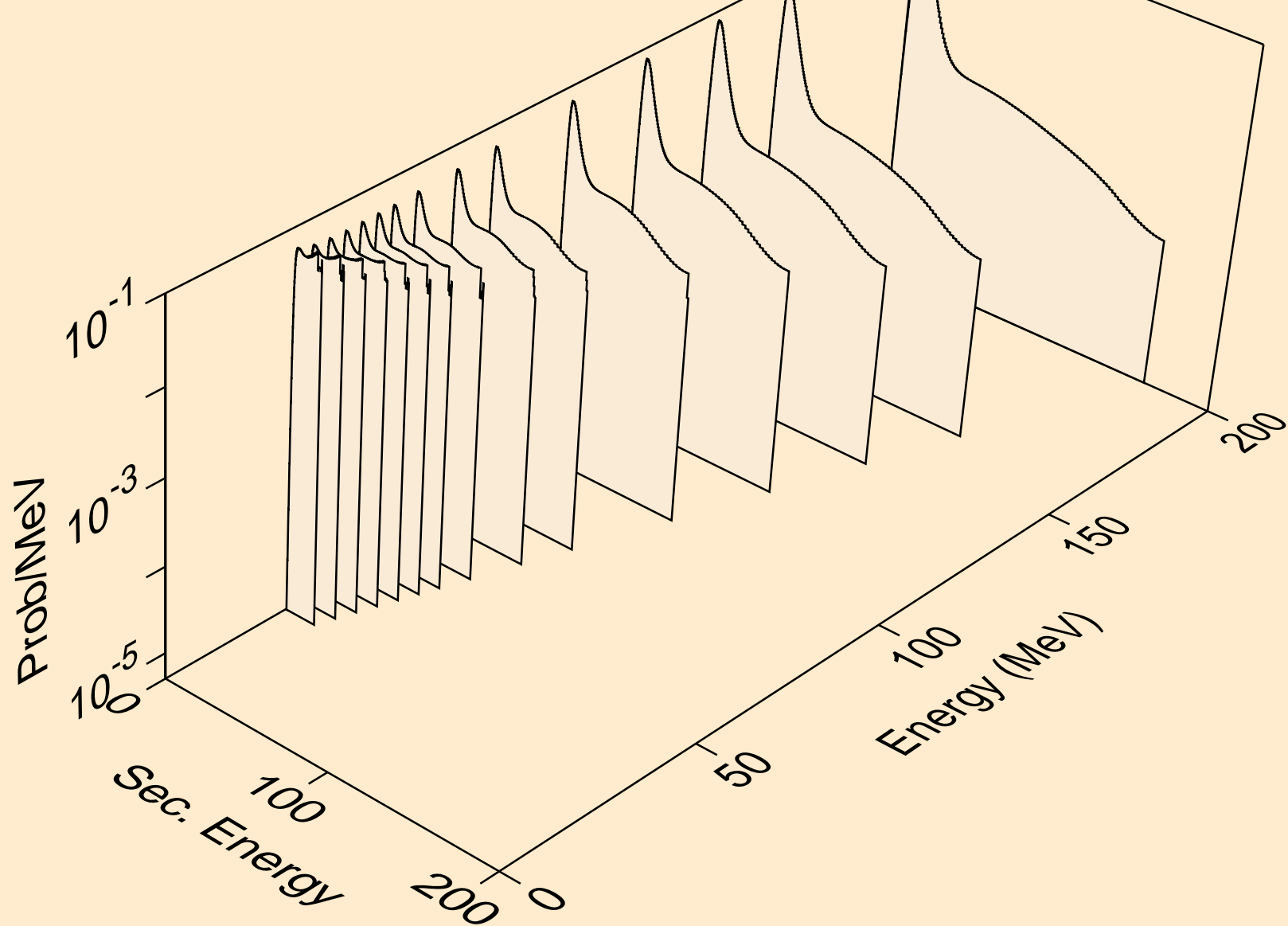
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protons from (n,pd)



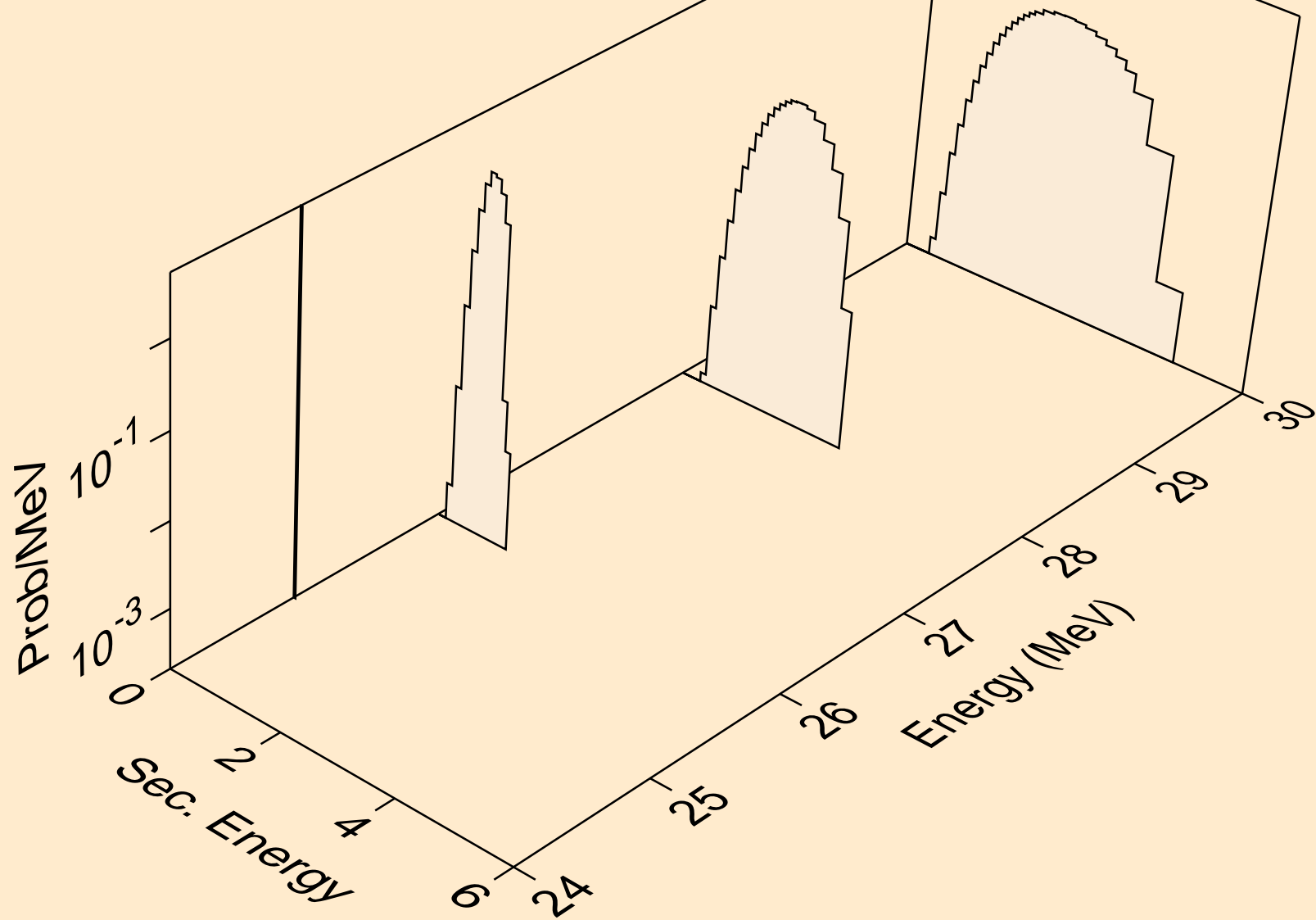
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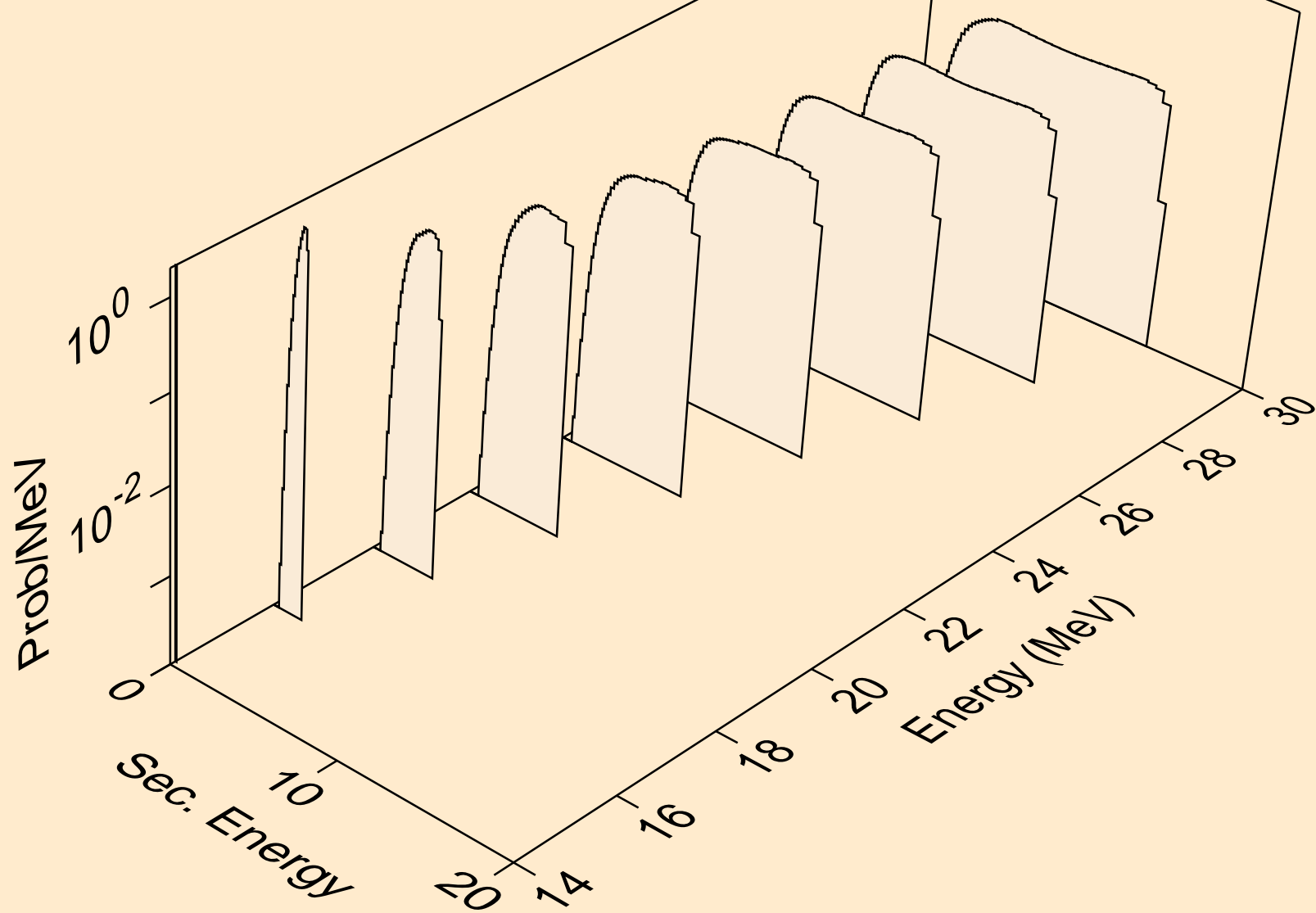
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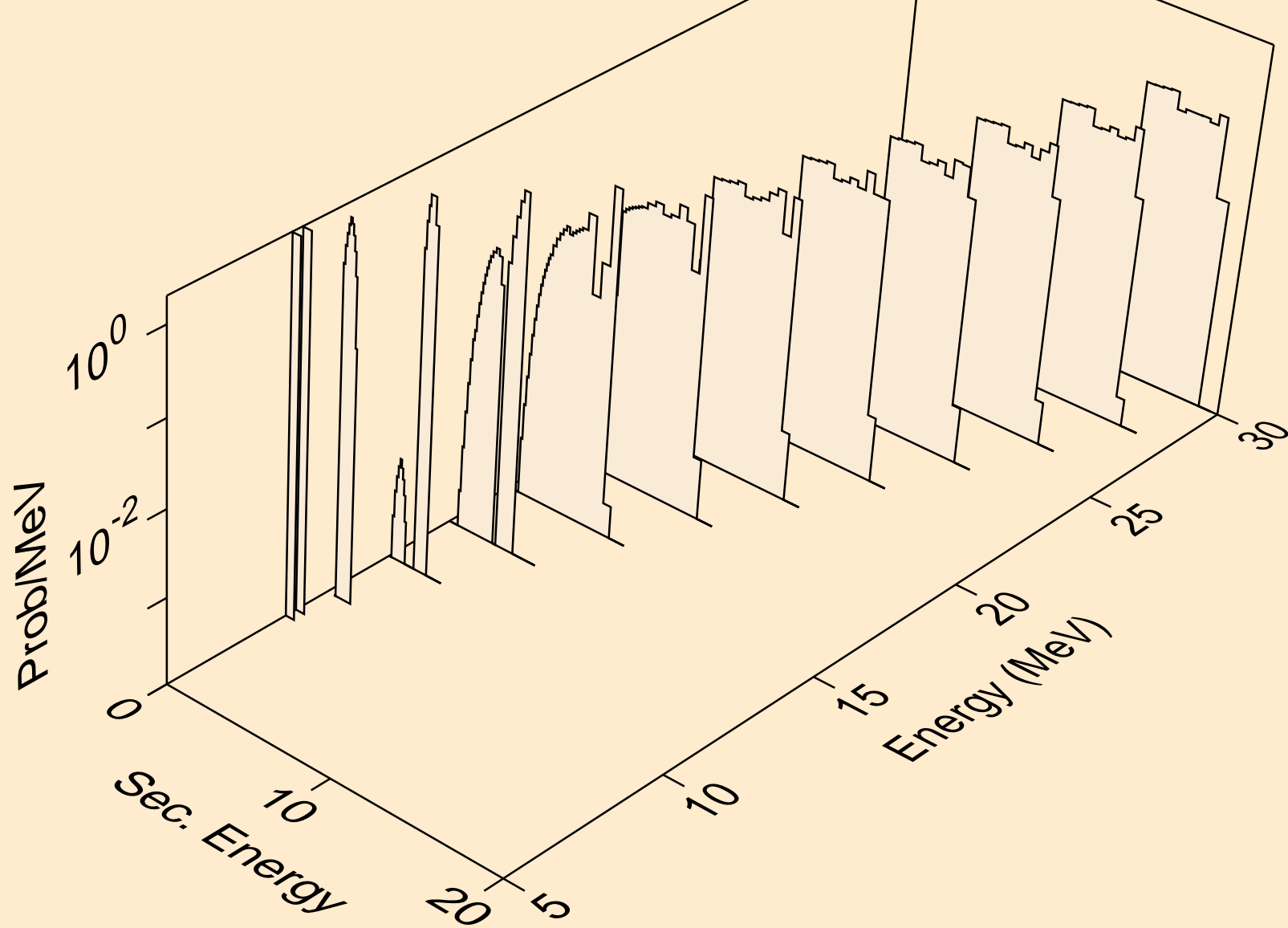
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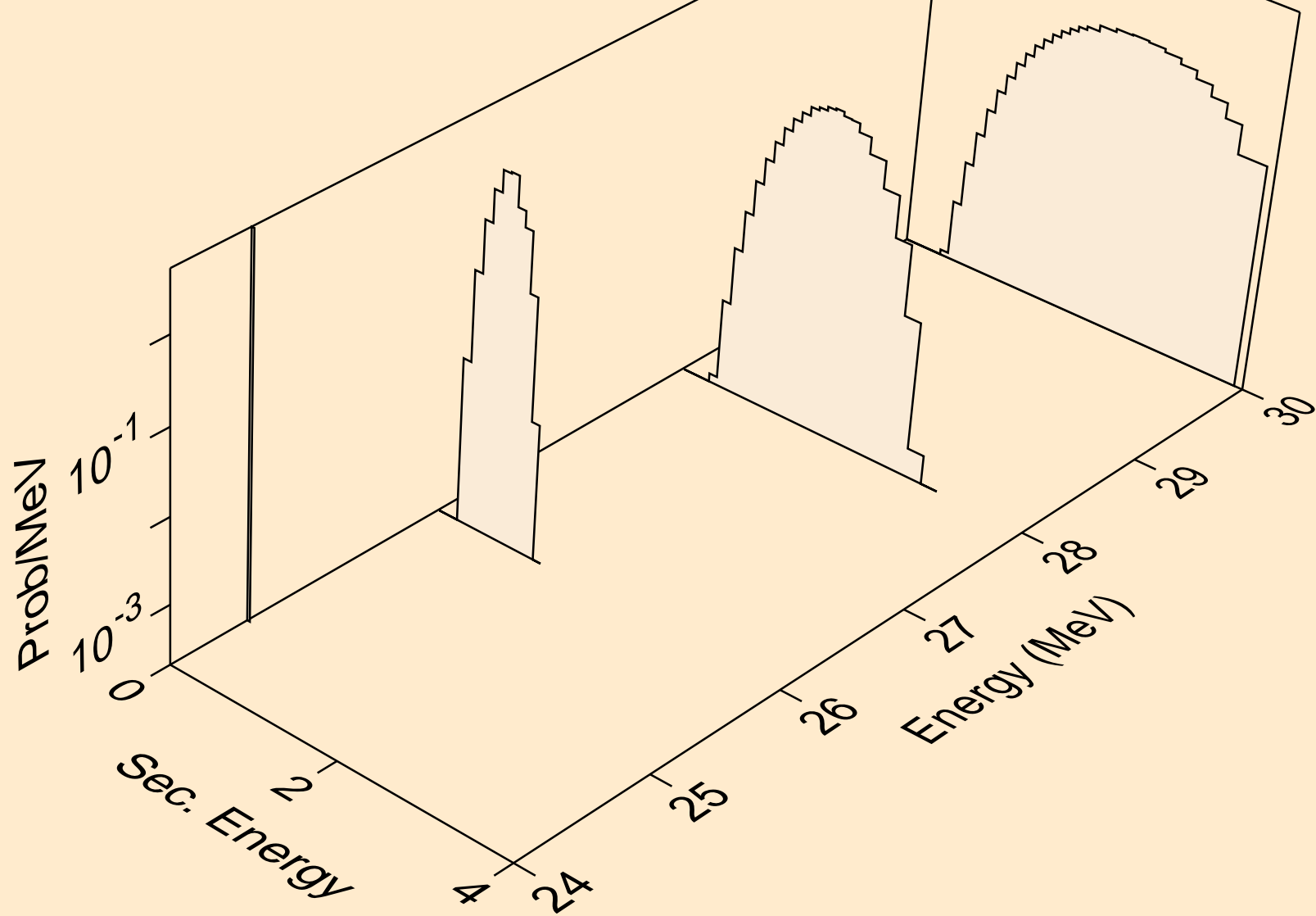
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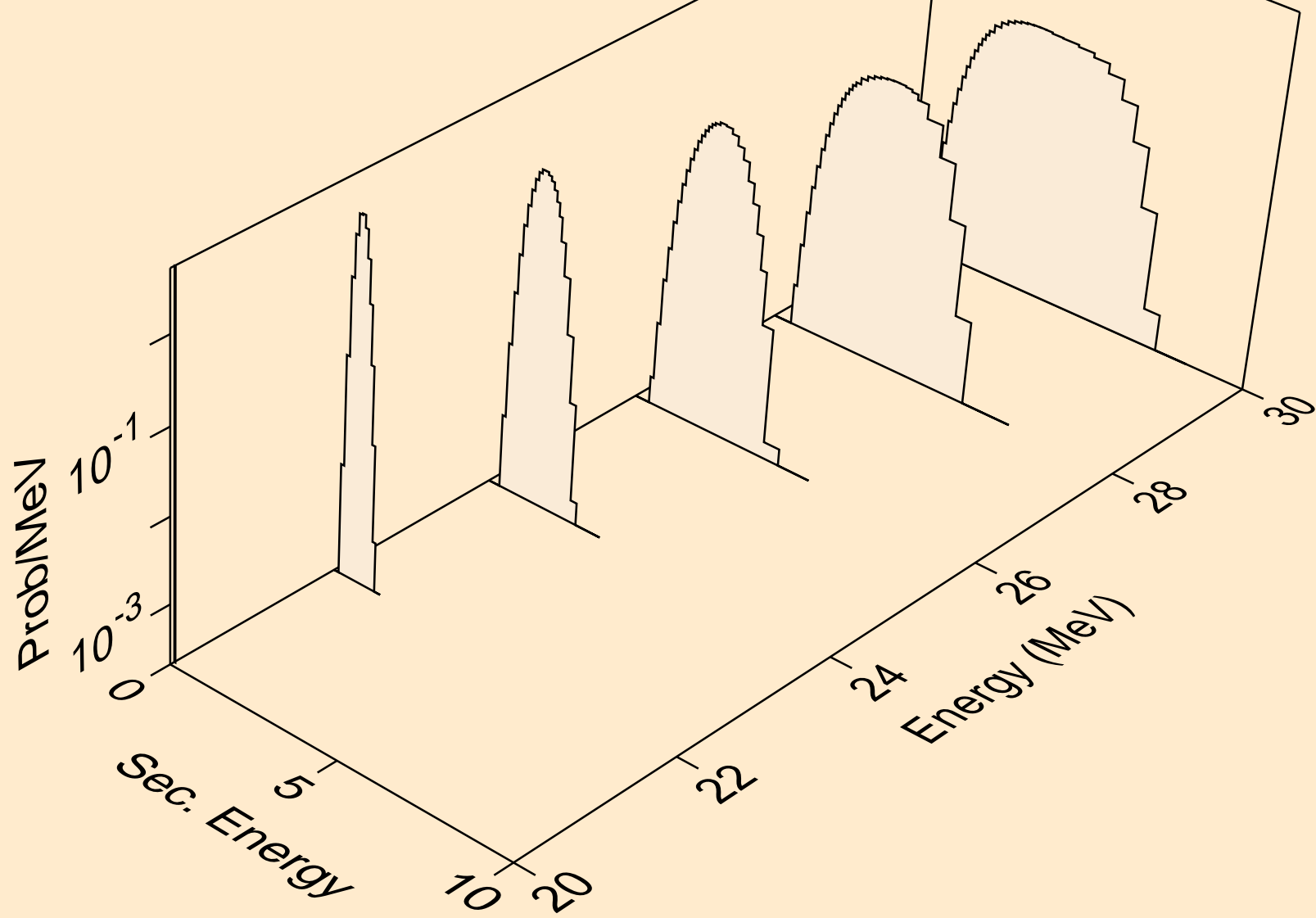
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deuterons from (n,d)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)

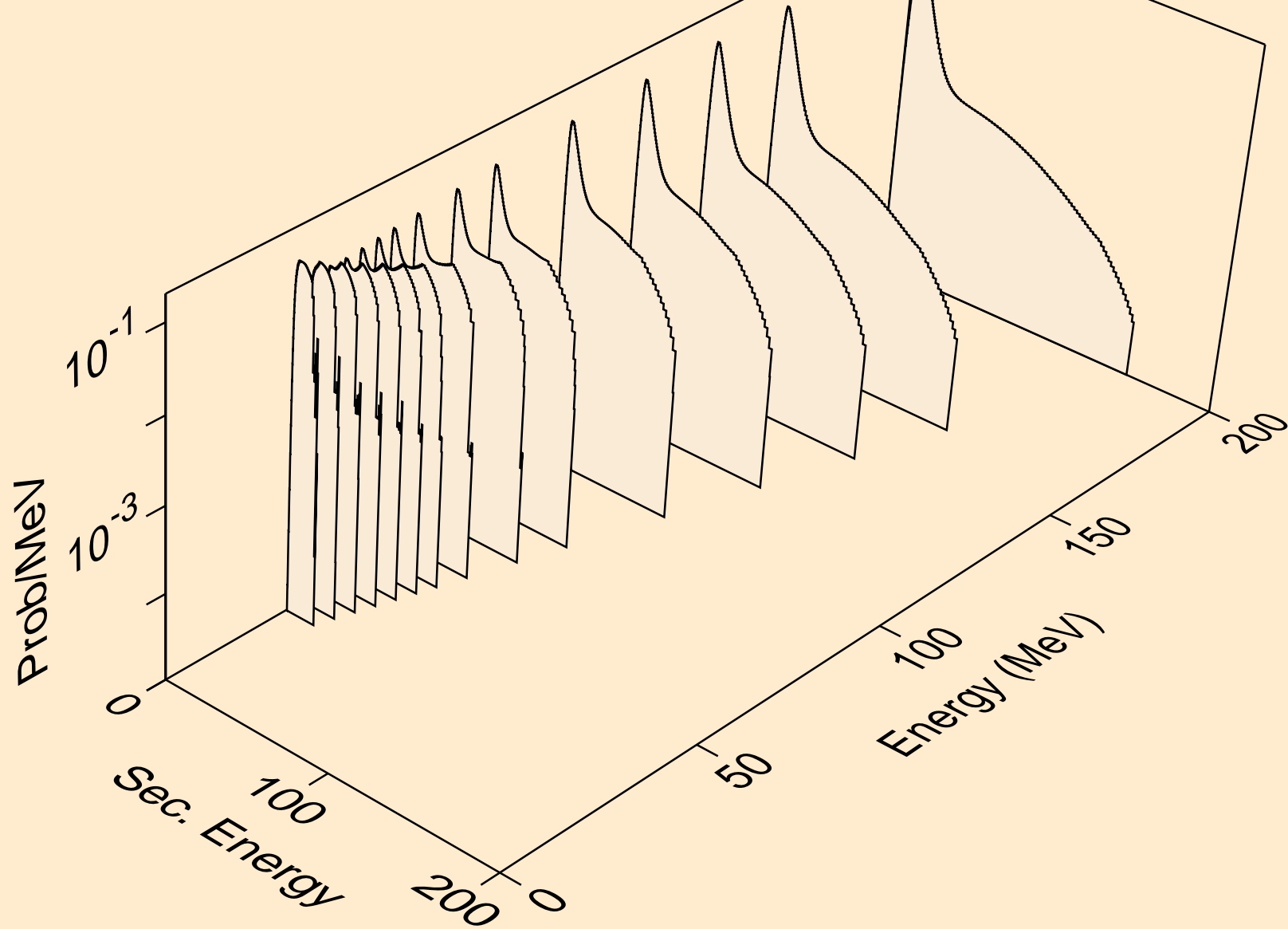


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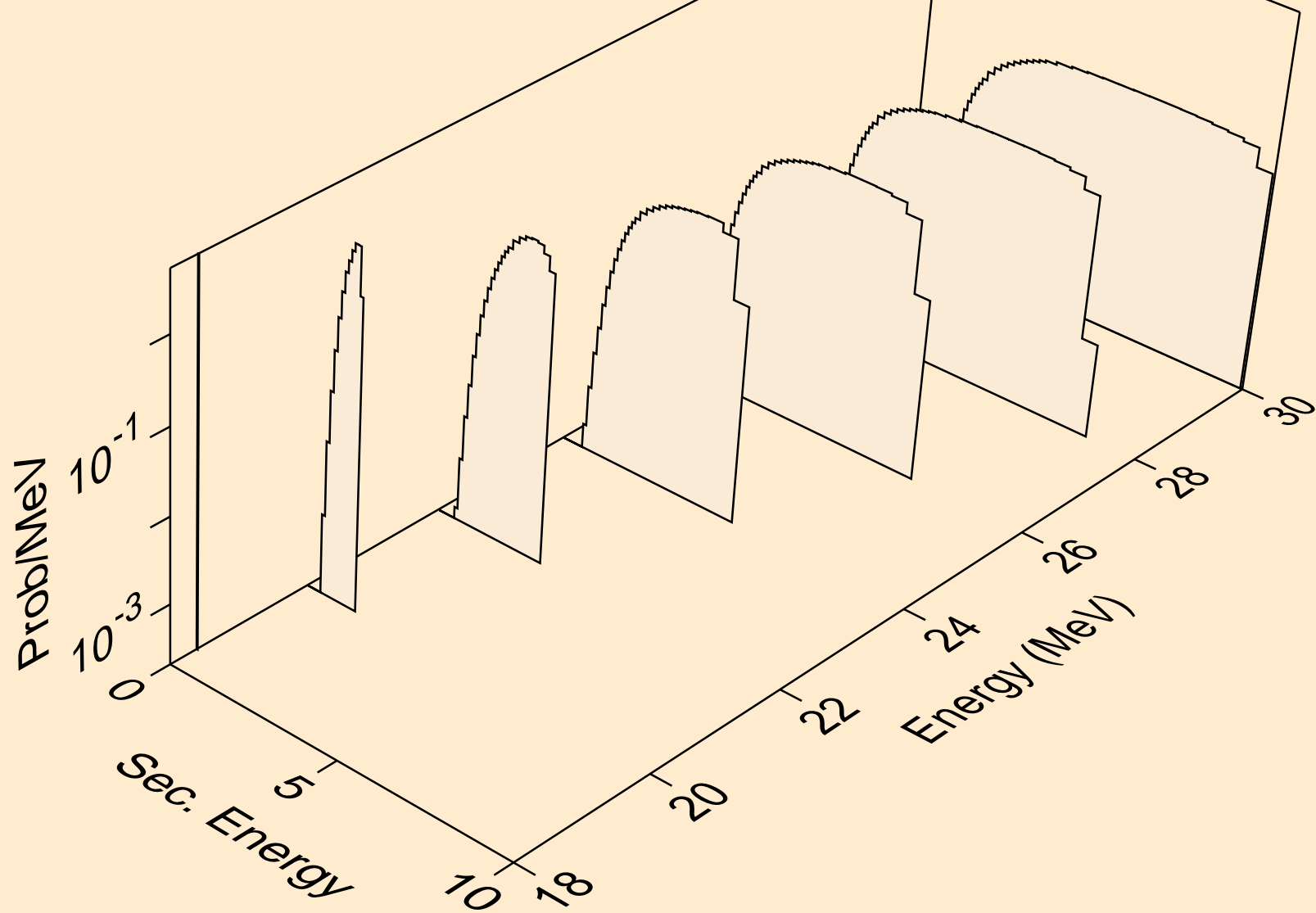




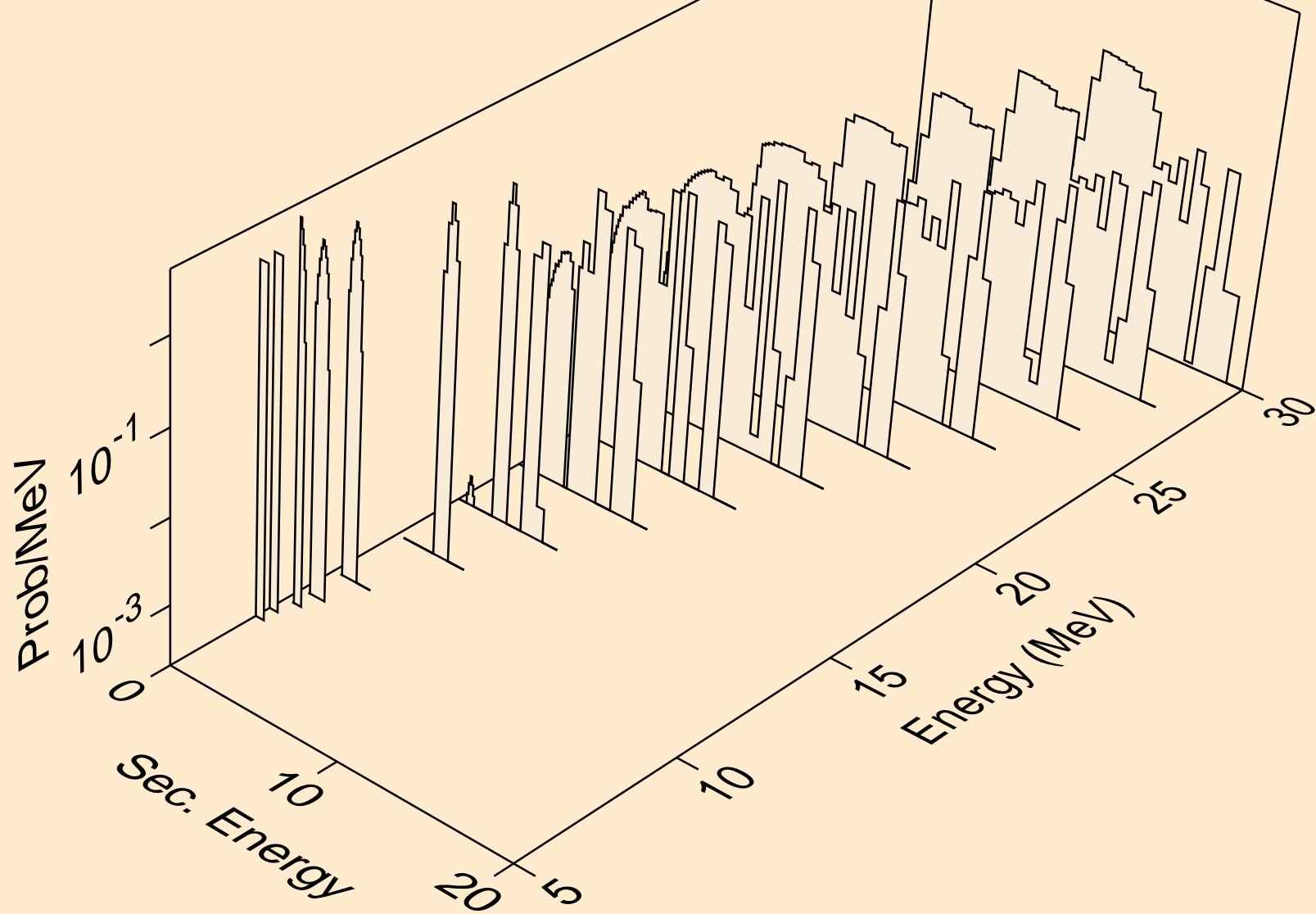
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tritons from (n,x)



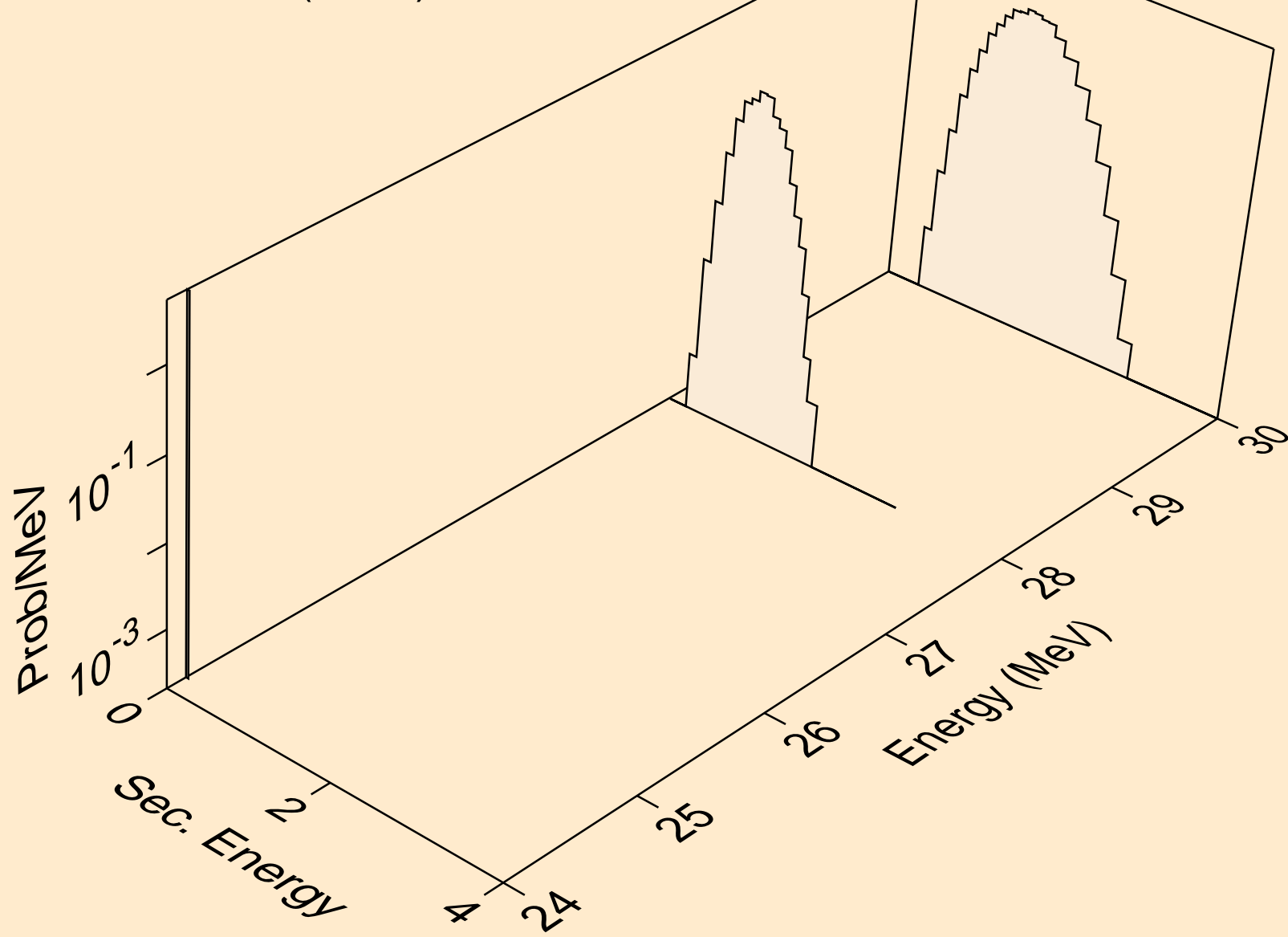
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tritons from (n,n\*)t



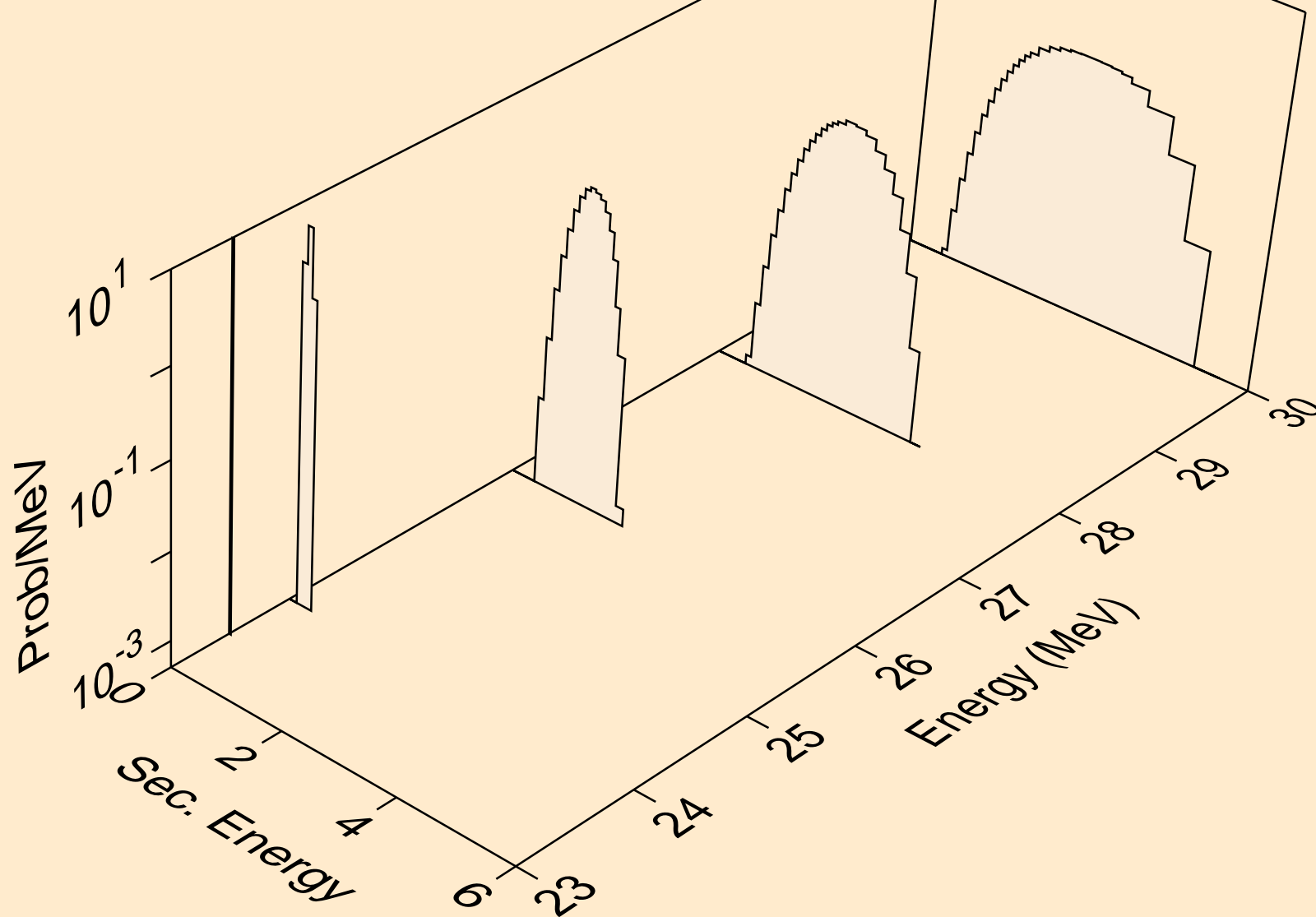
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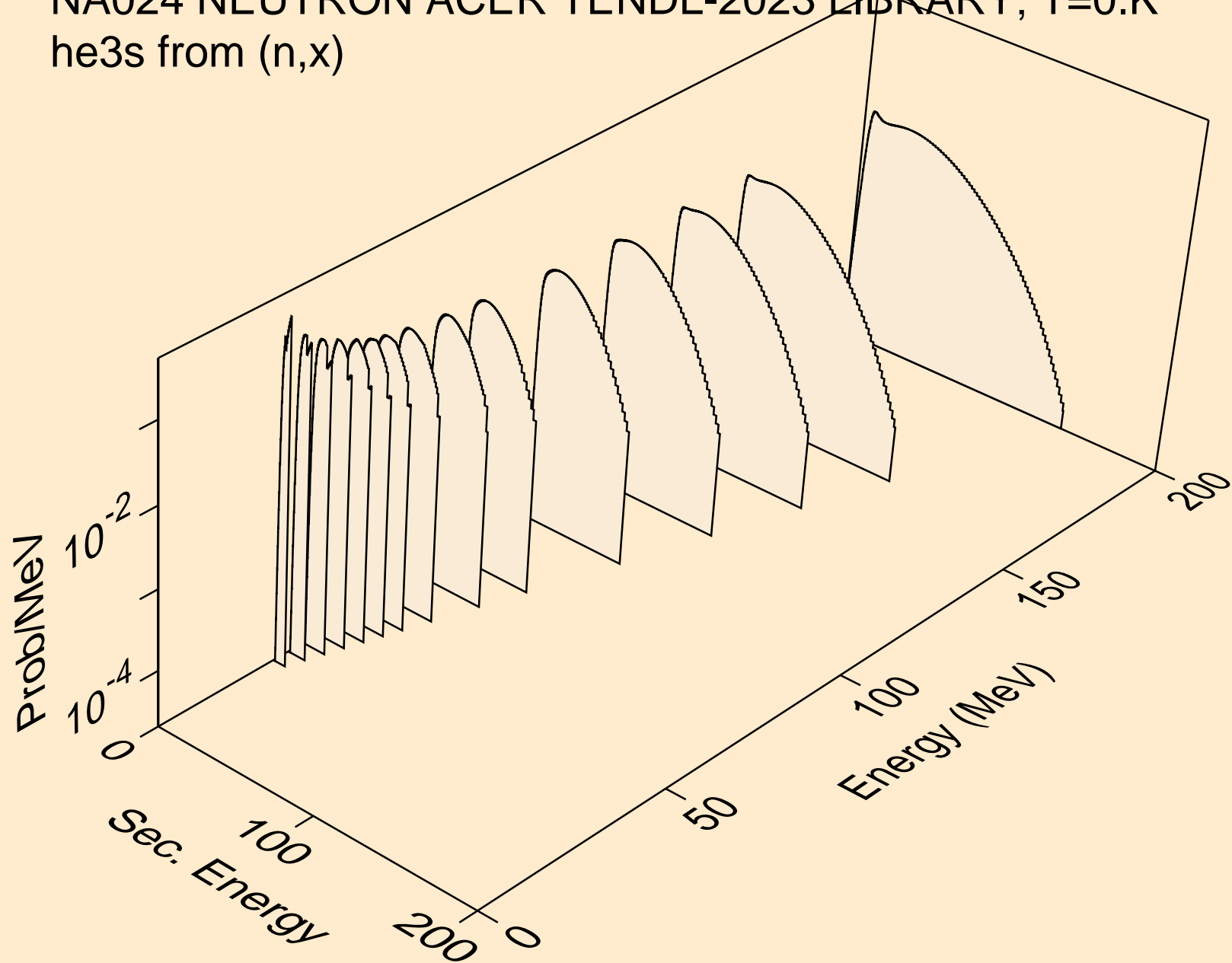
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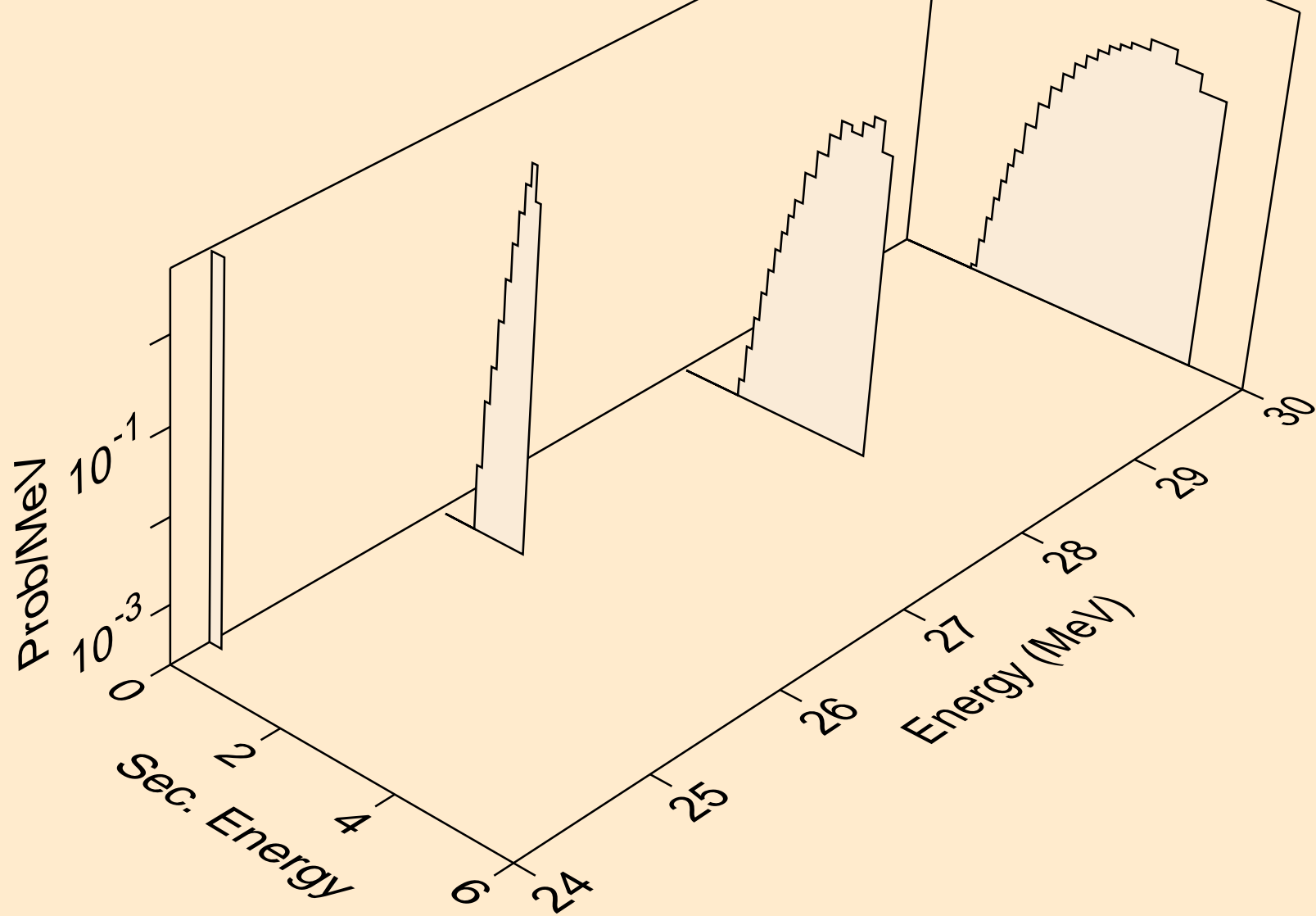
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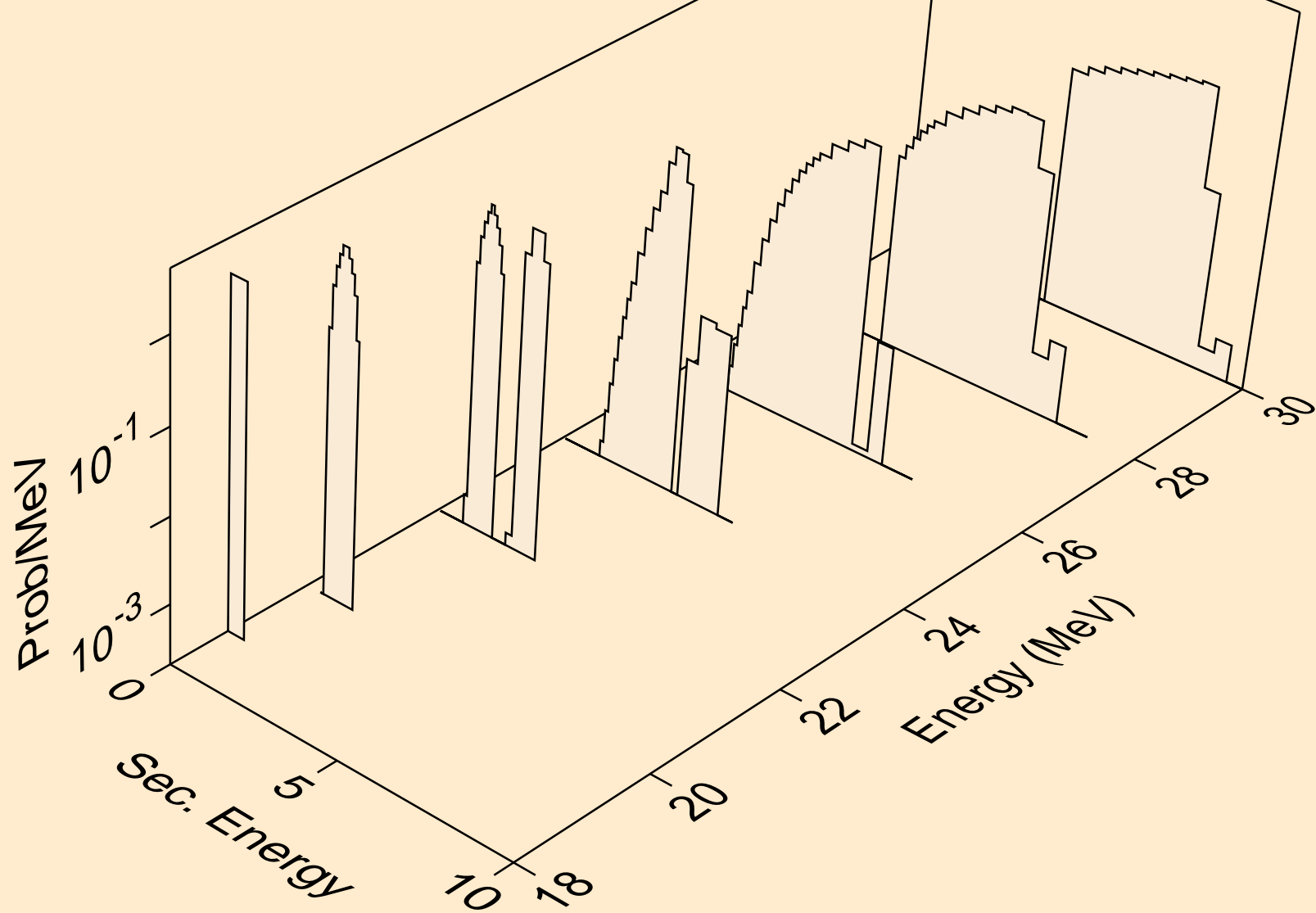
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he3s from (n,x)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

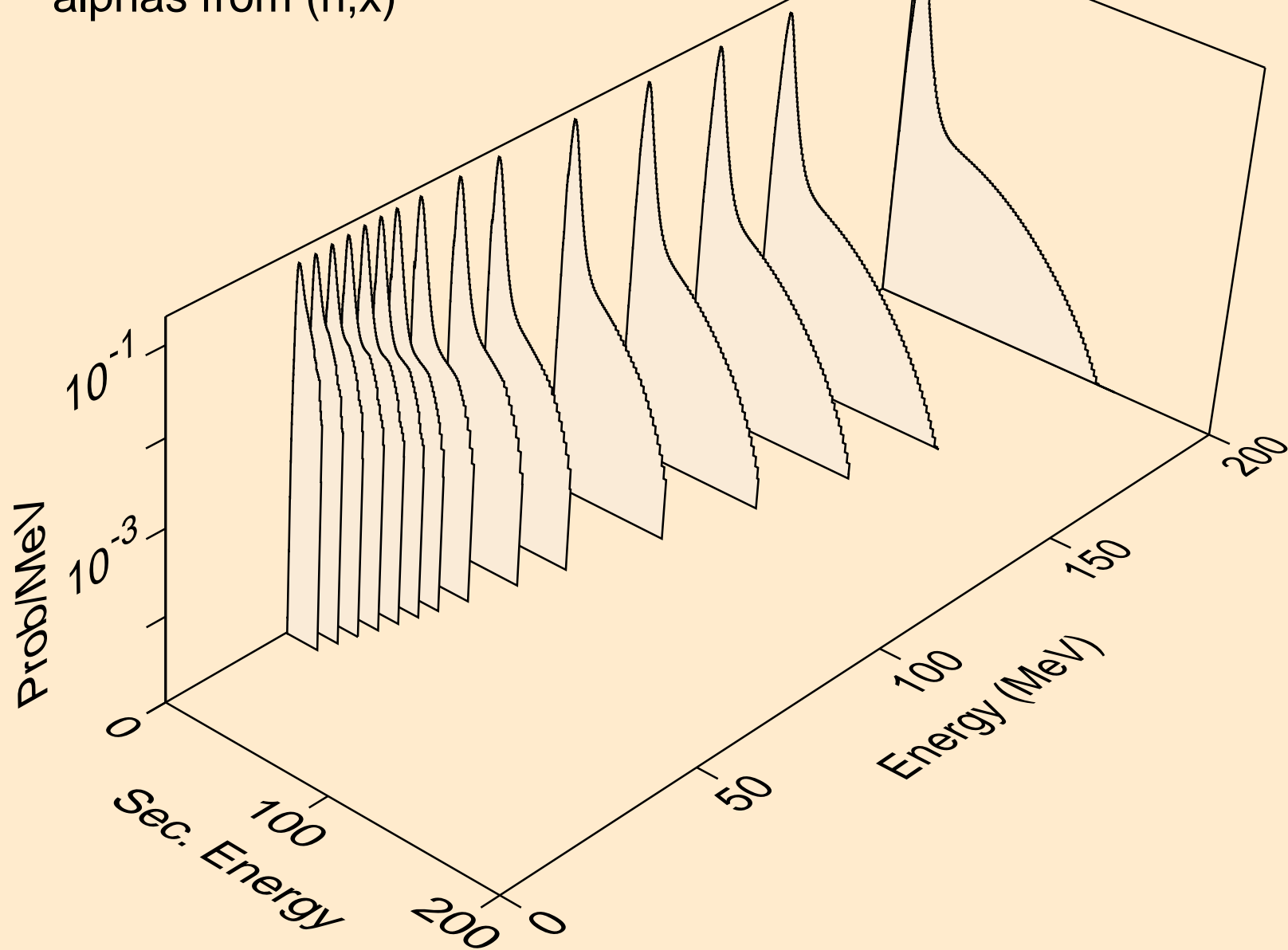


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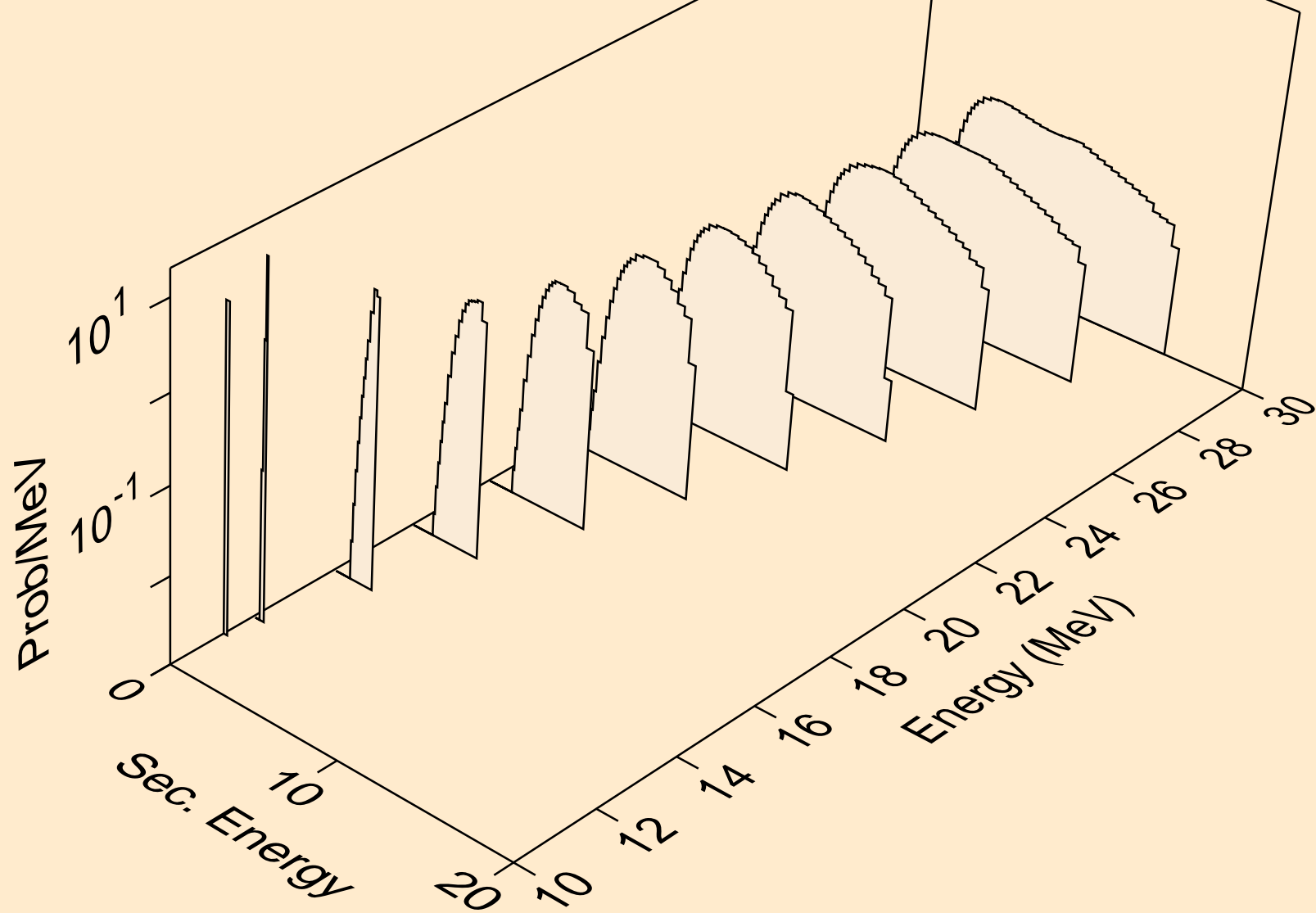




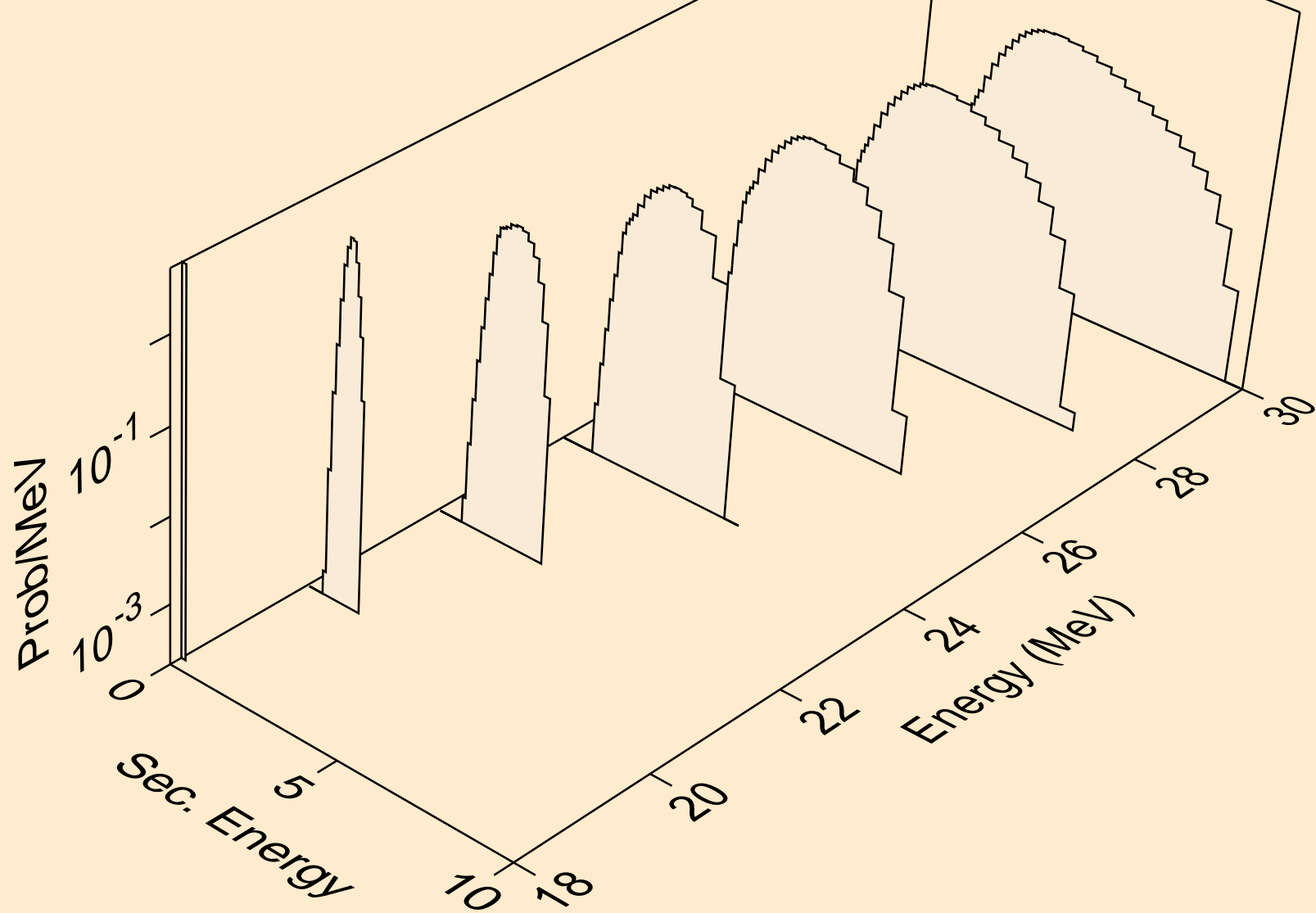
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alphas from (n,x)



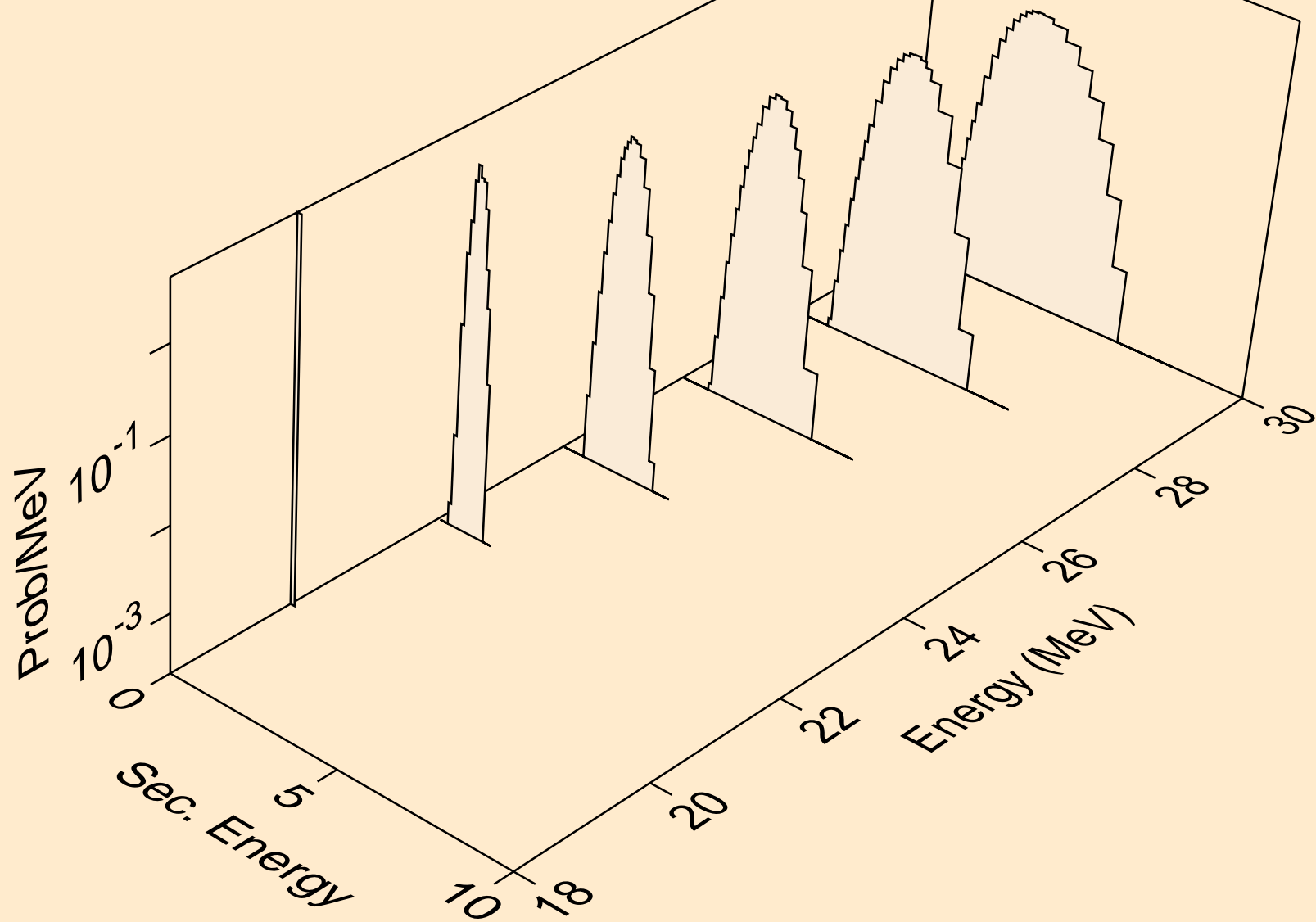
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alphas from (n,n\*)a



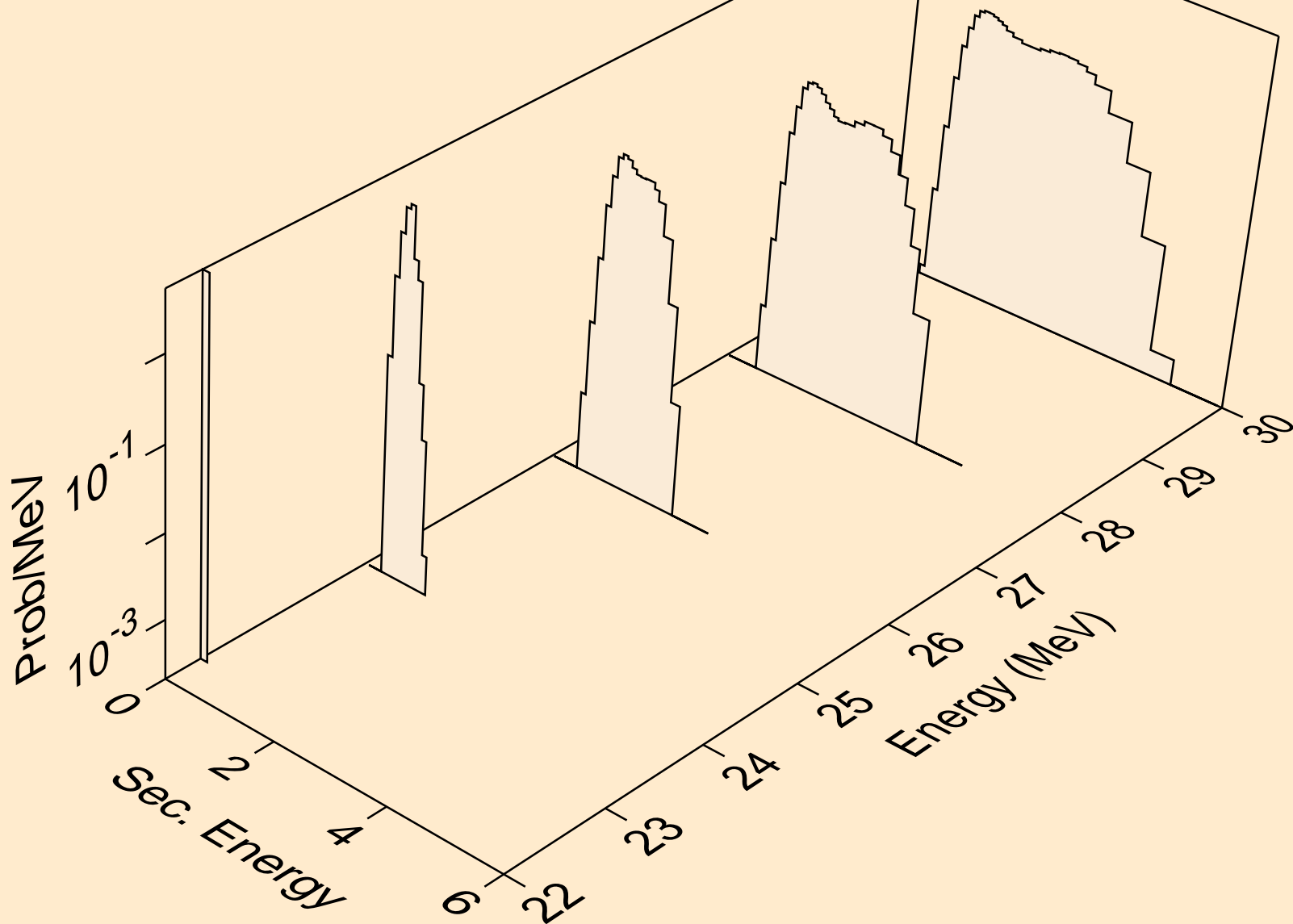
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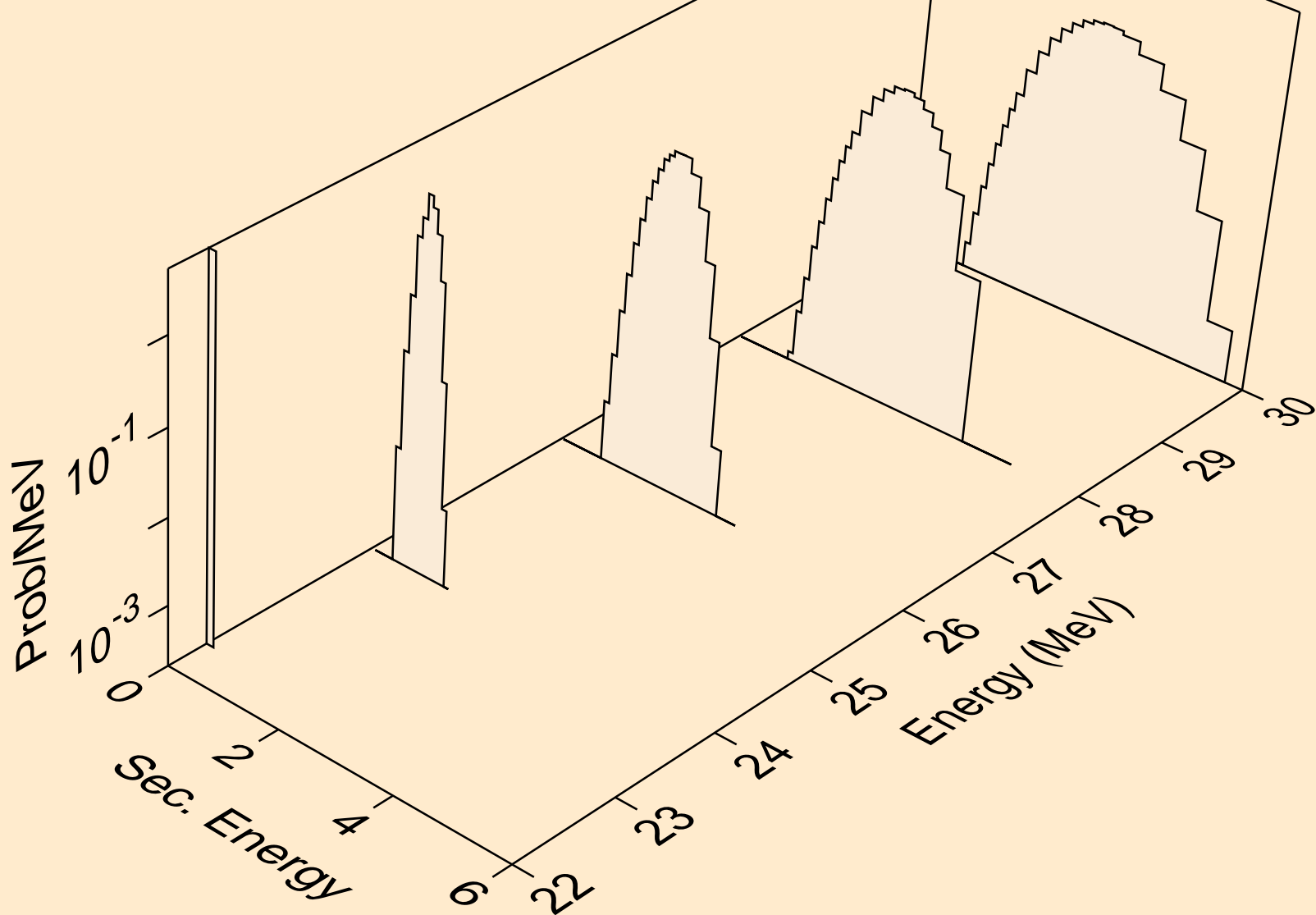
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alphas from (n,n\*)2a



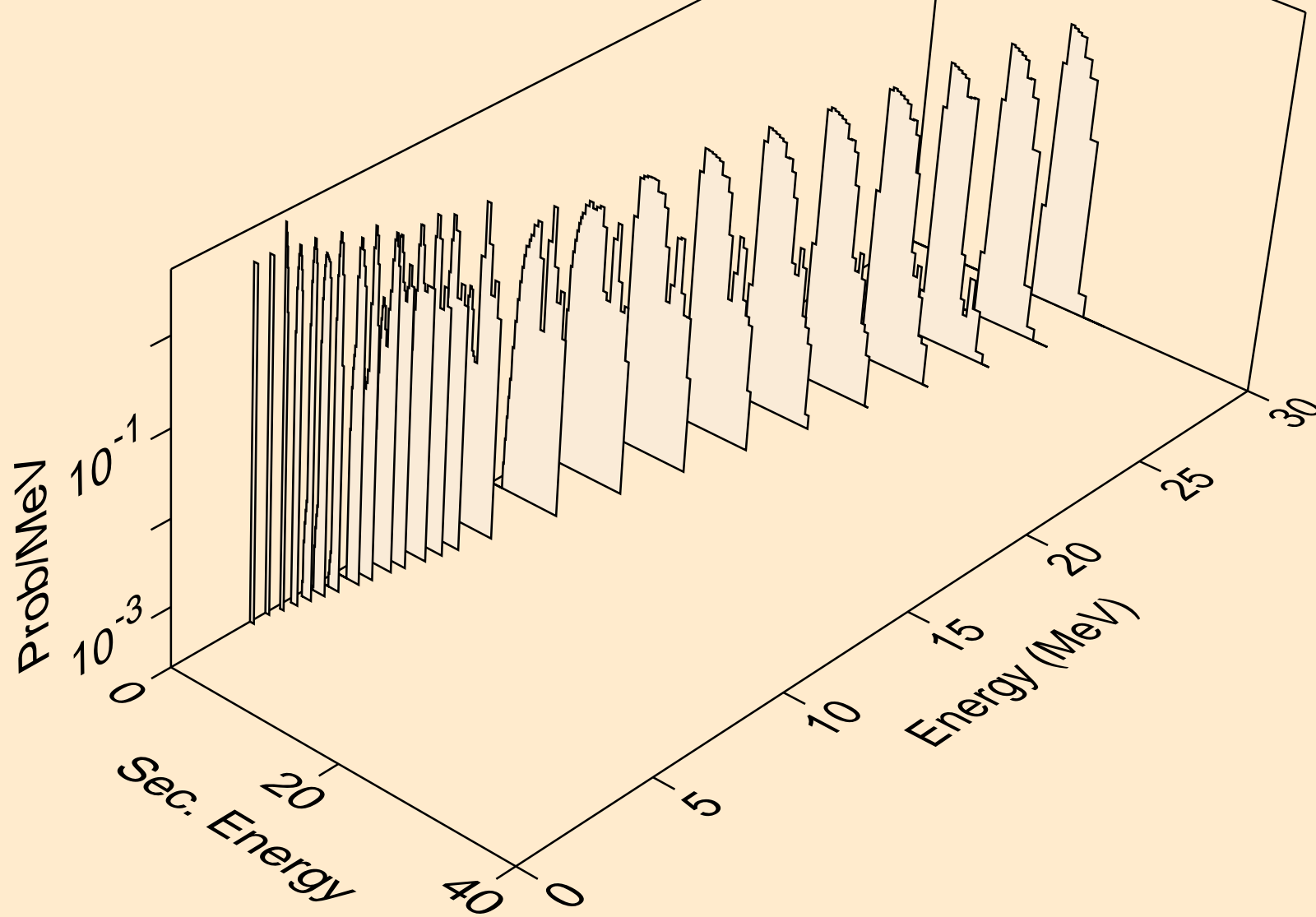
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alphas from (n,2n)2a



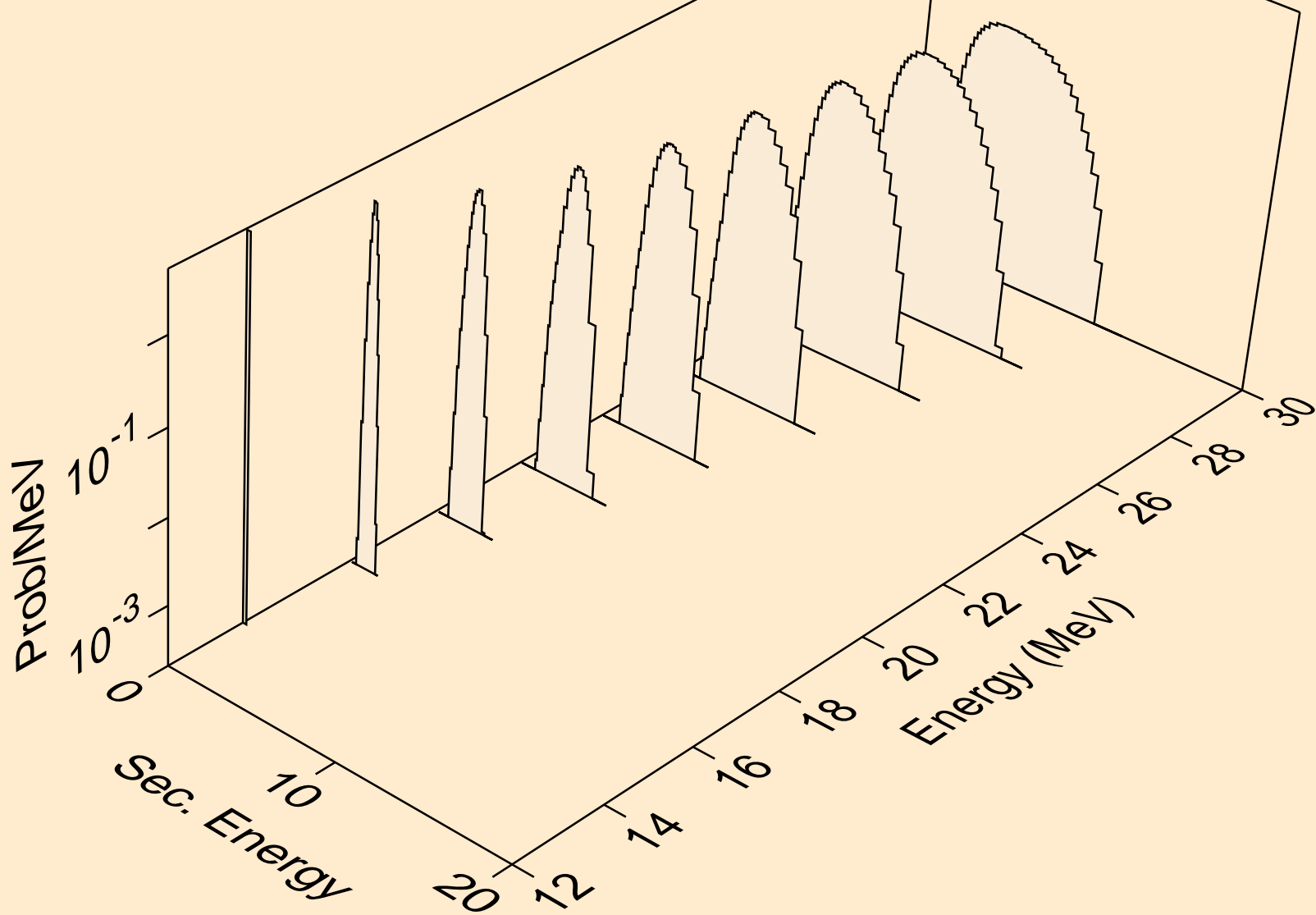
NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



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alphas from (n,a)

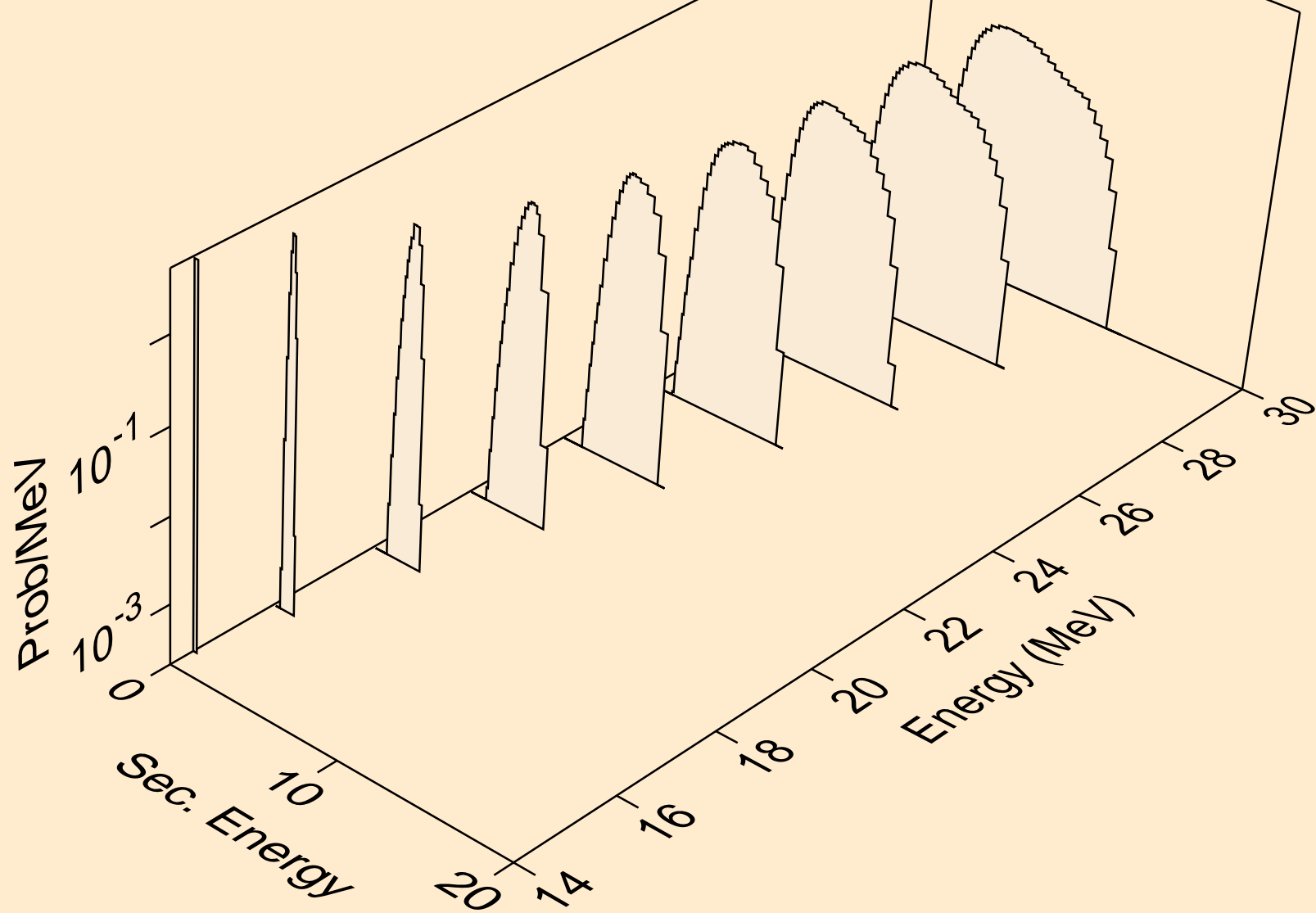


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alphas from (n,2a)

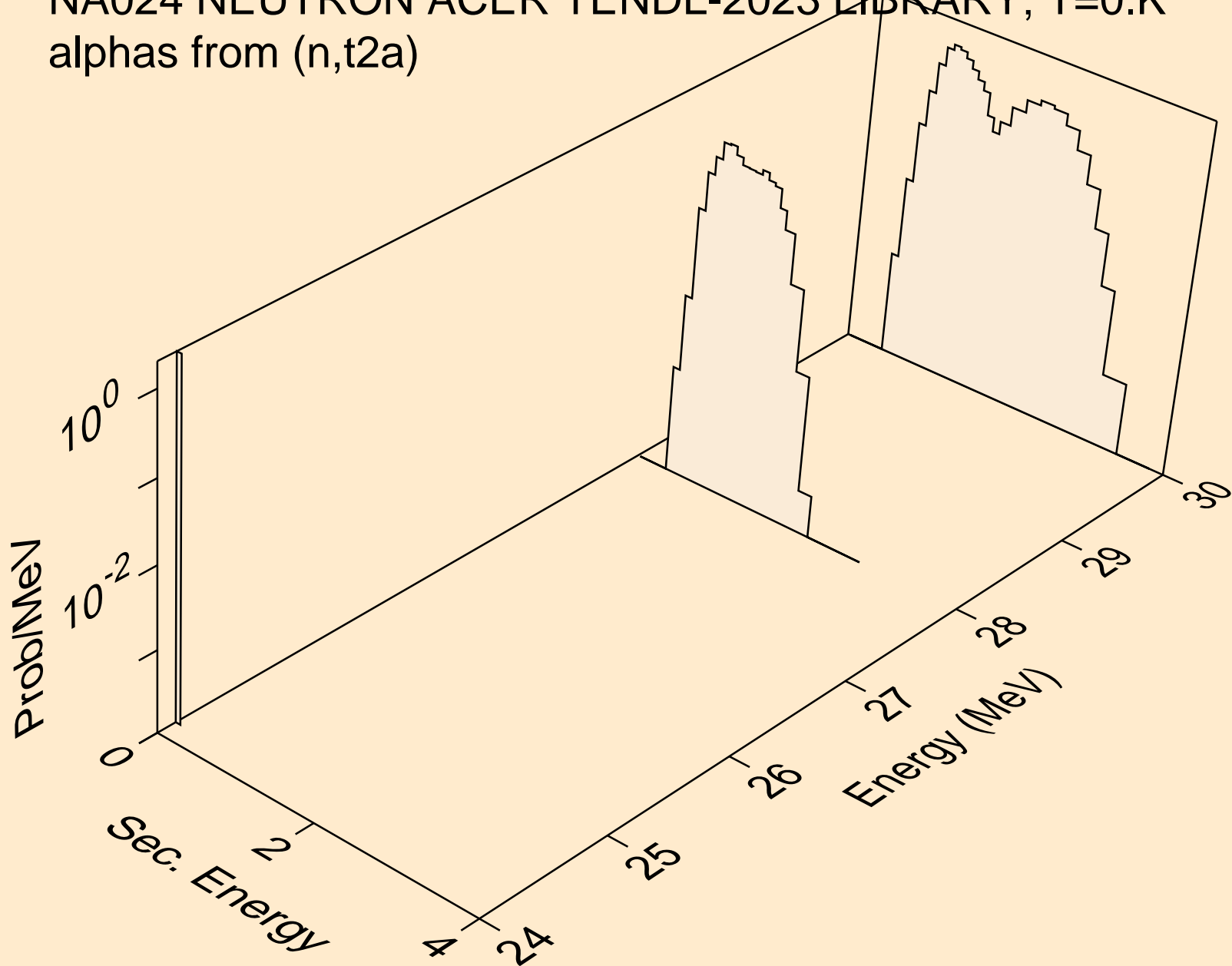




NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,t2a)



NA024 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

