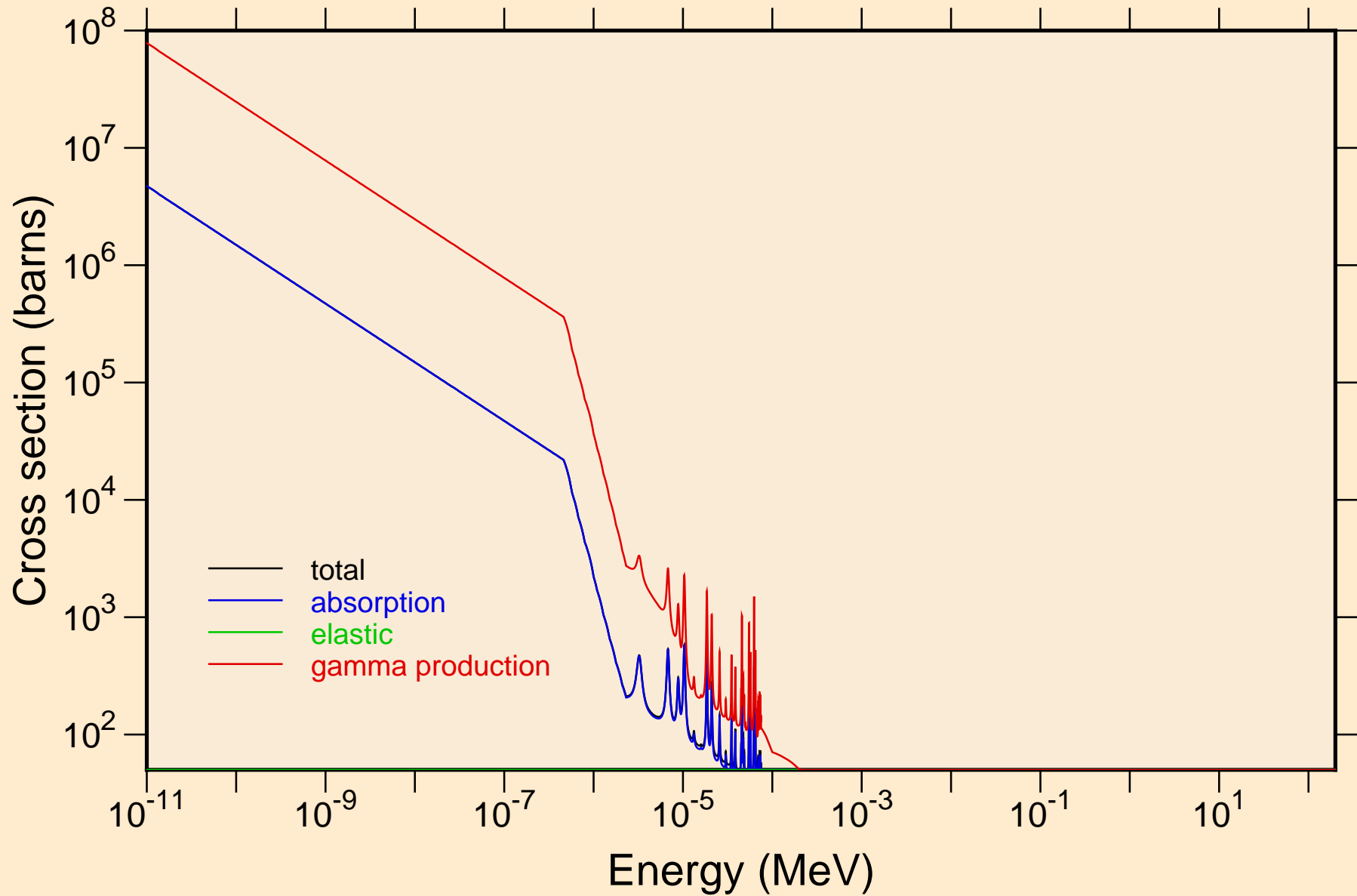
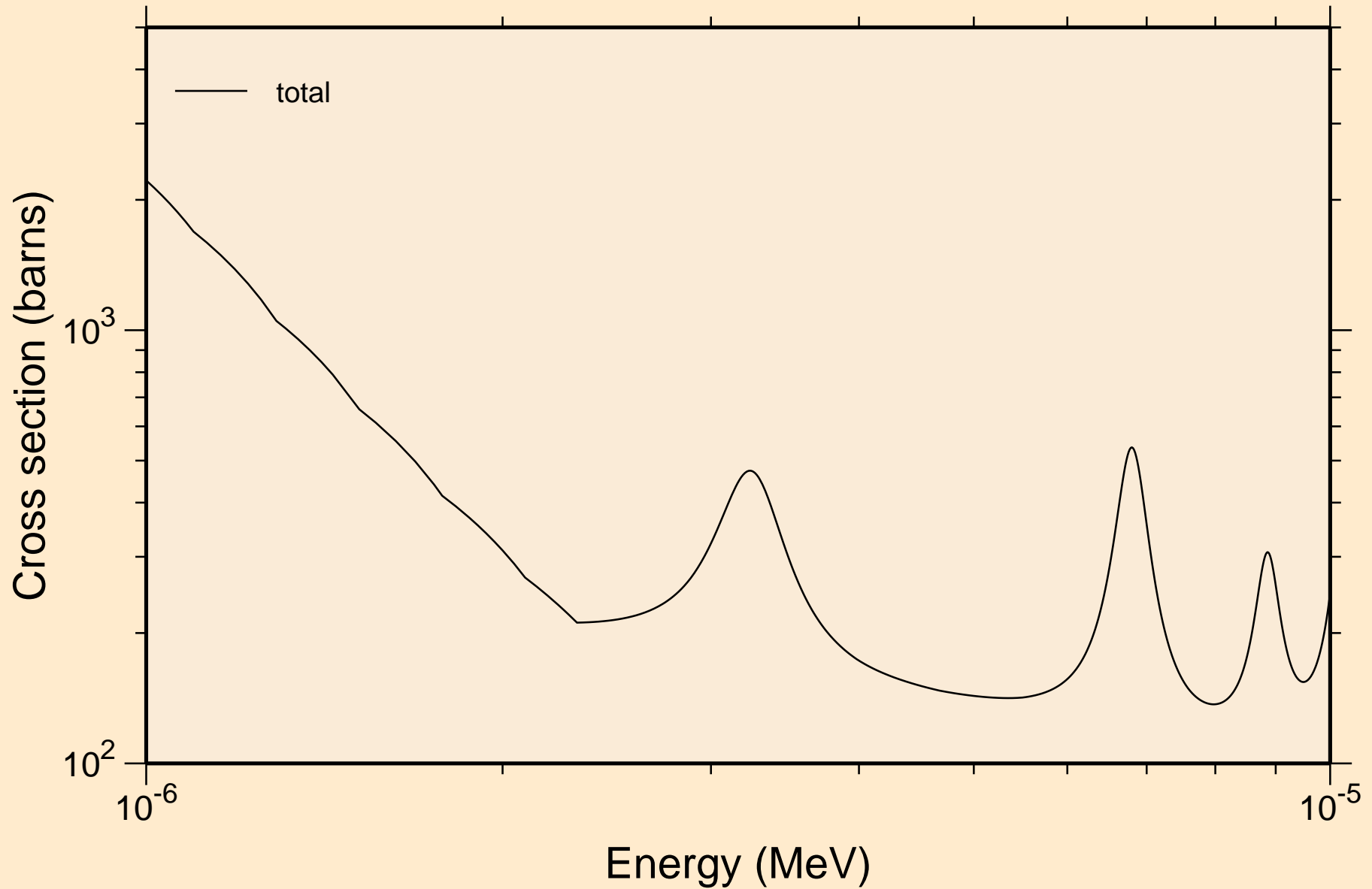


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

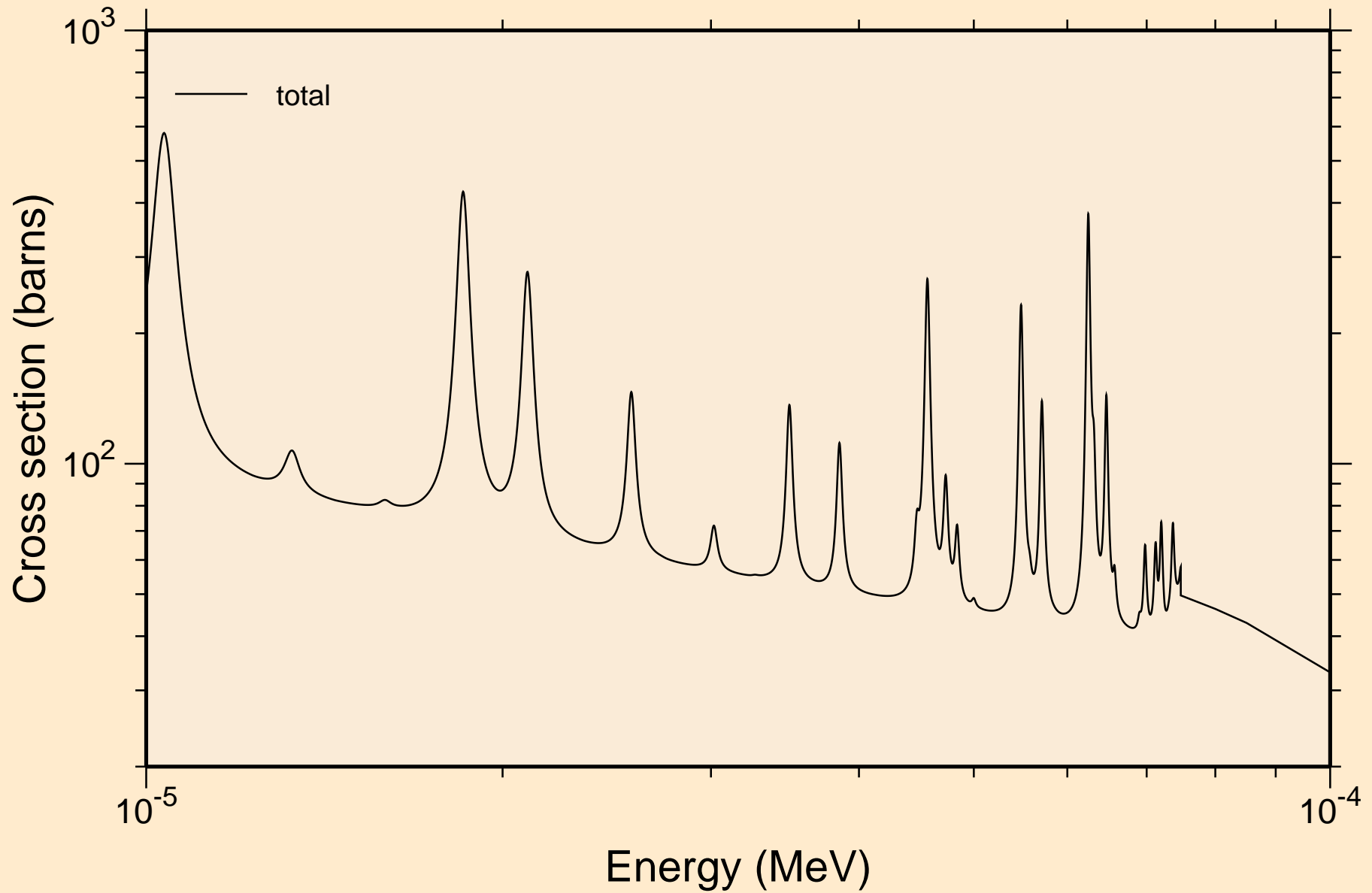
## Principal cross sections



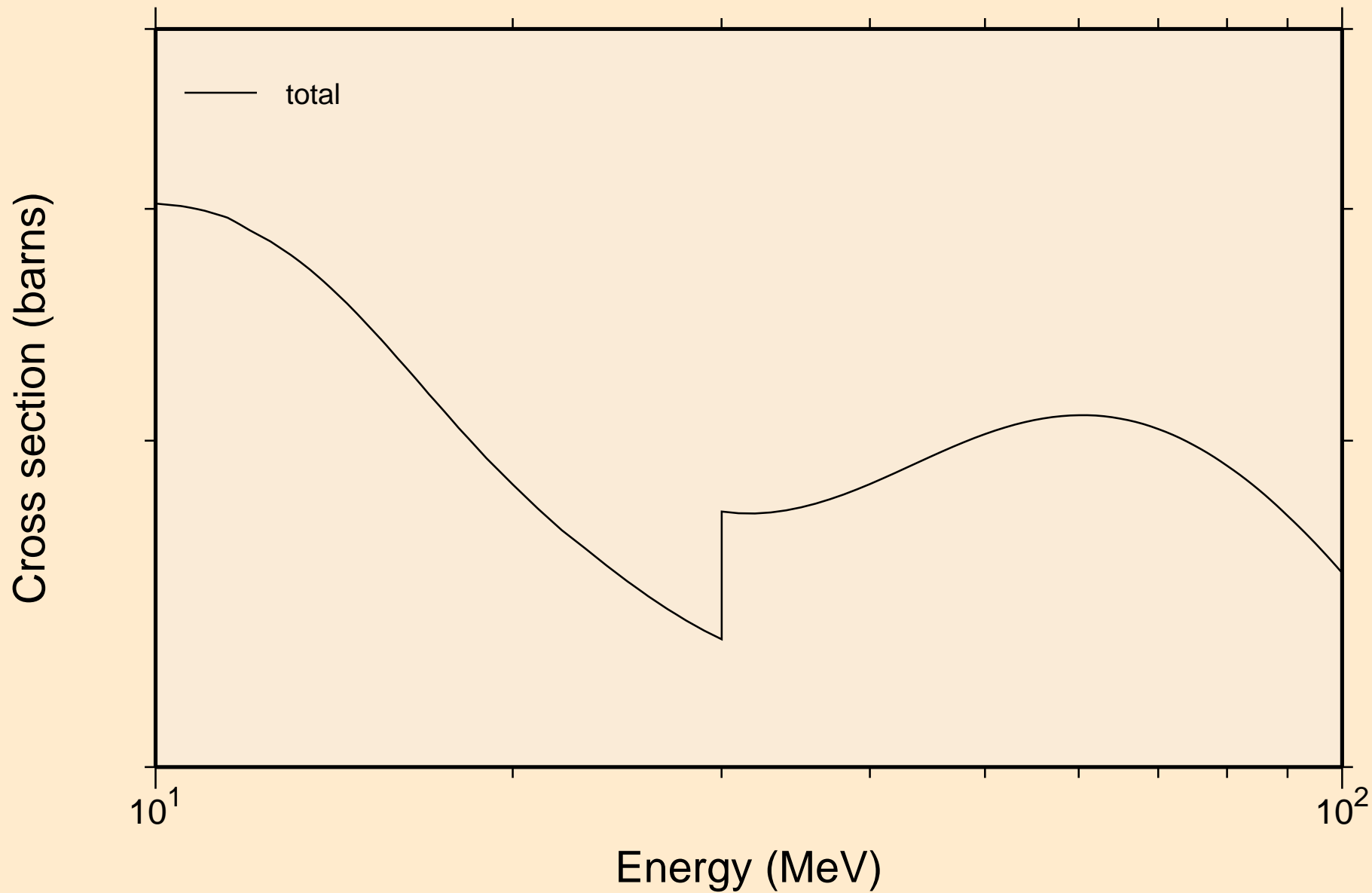
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



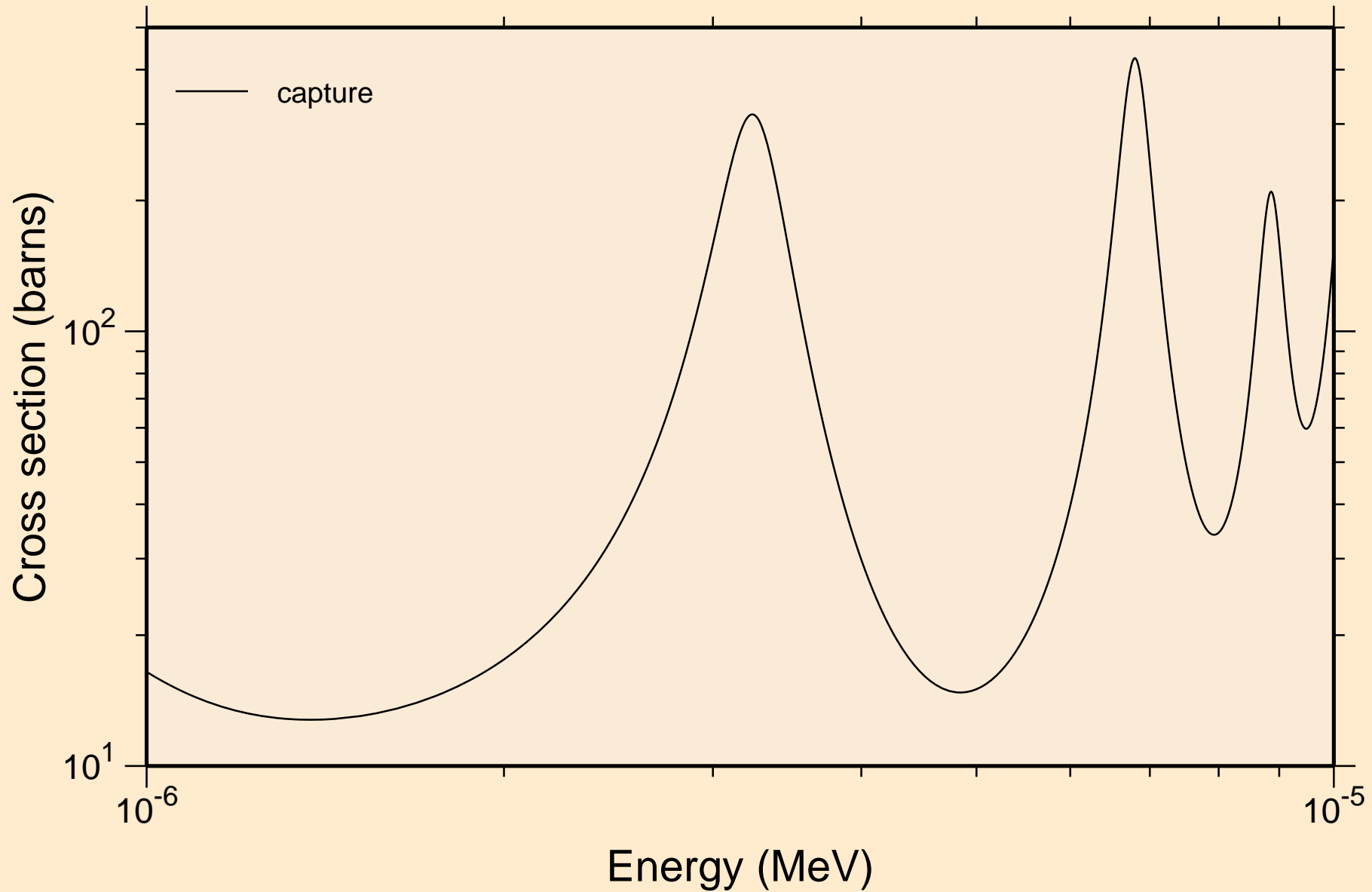
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



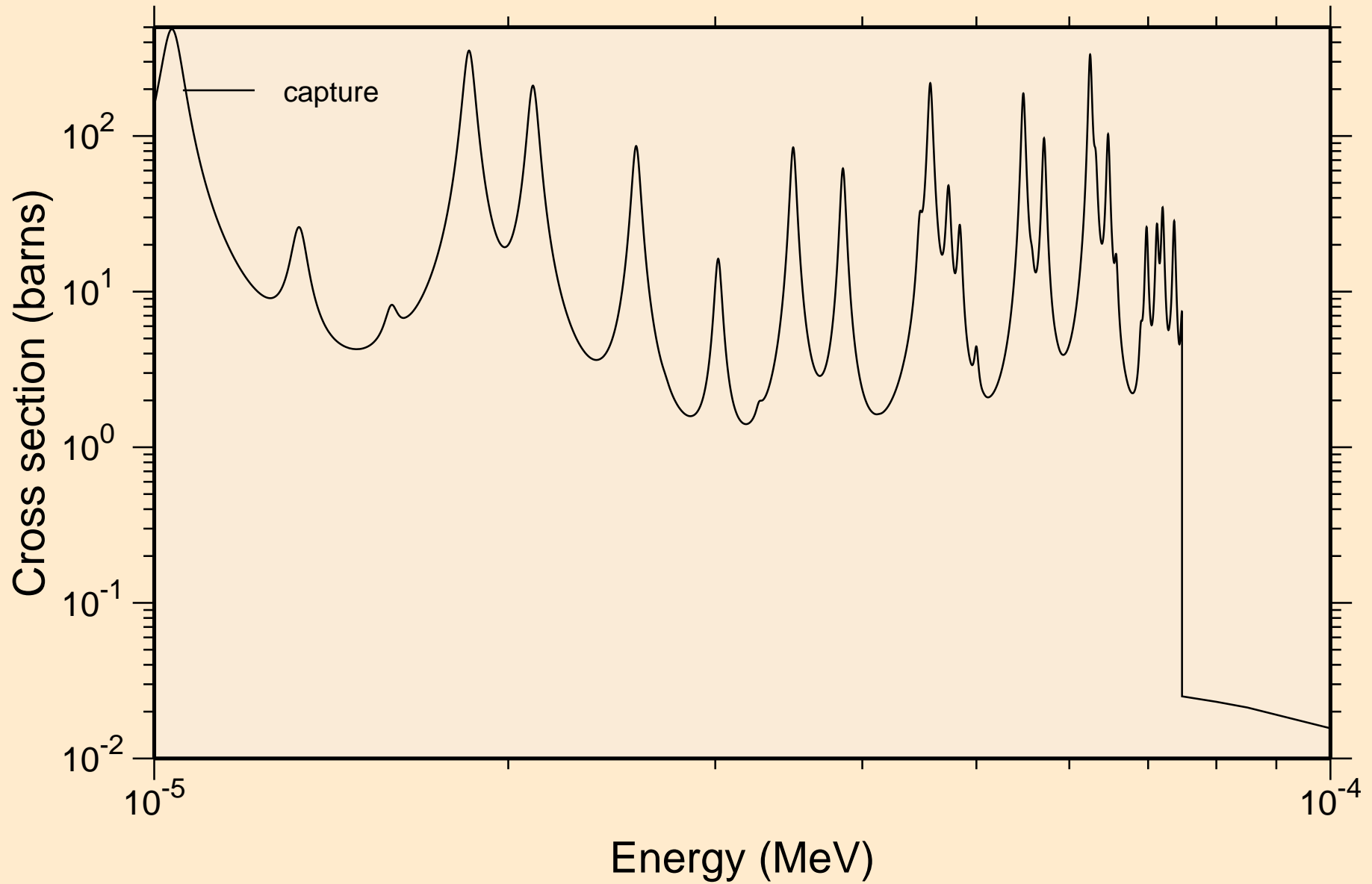
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



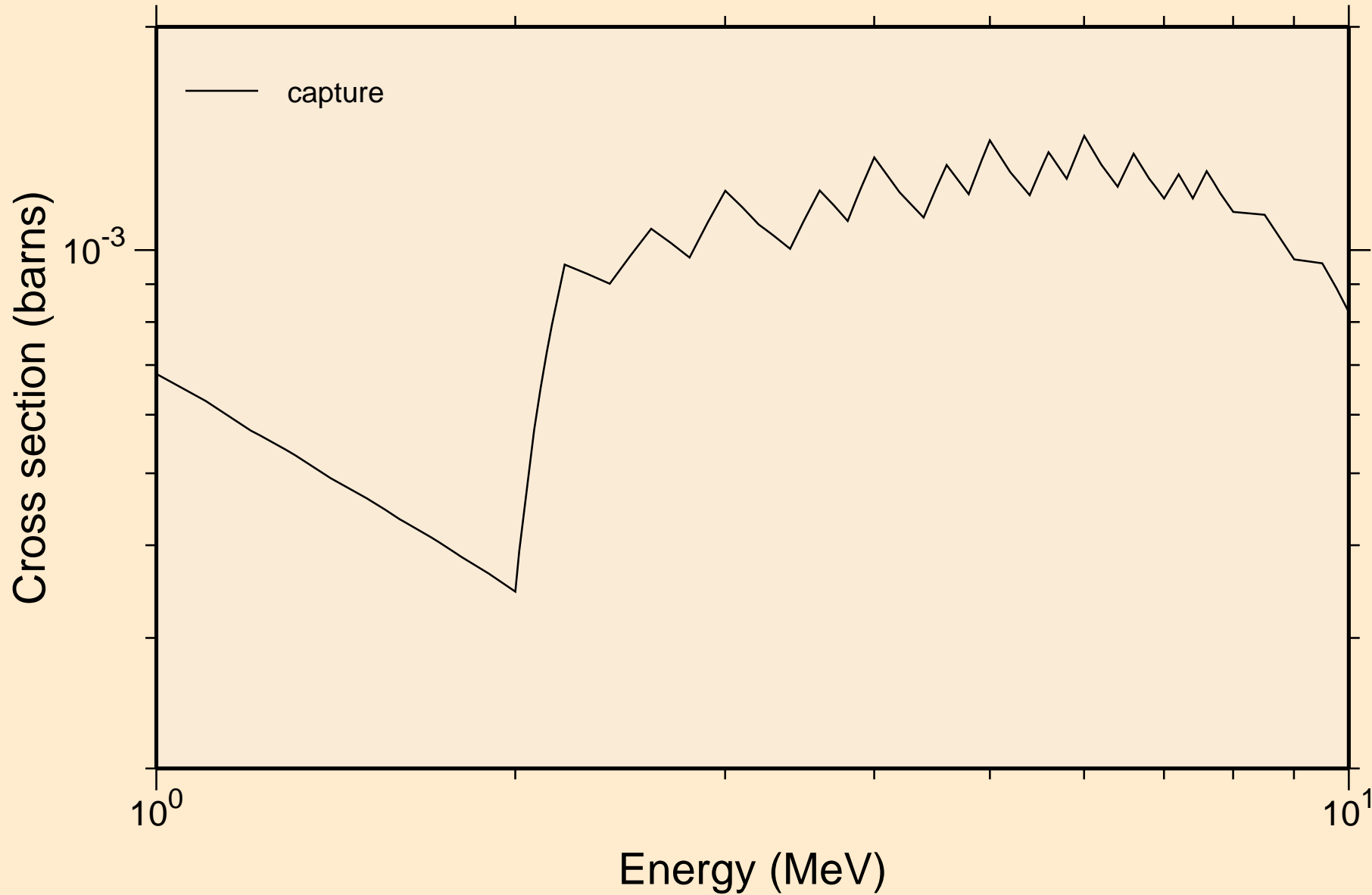
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

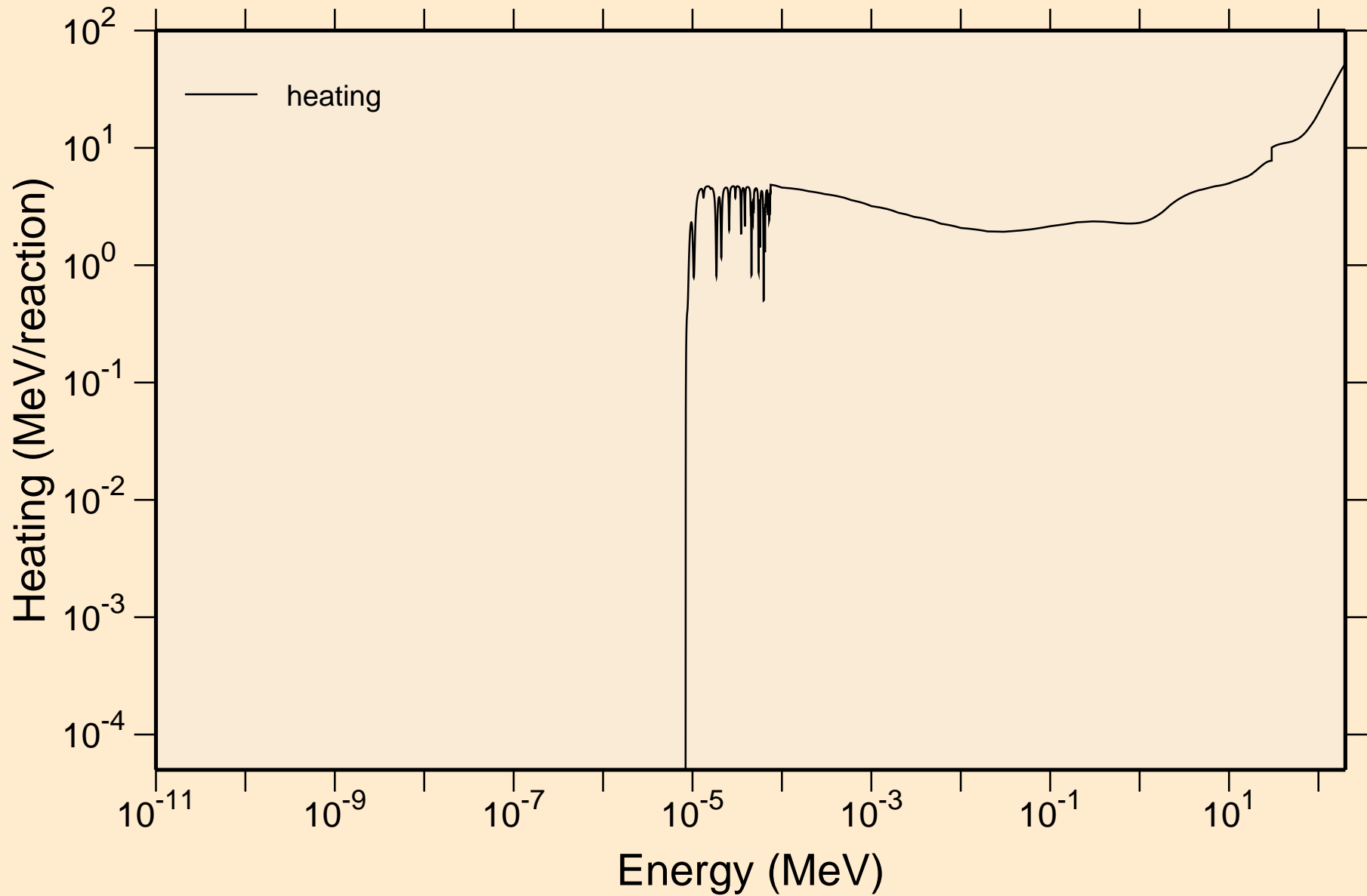


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

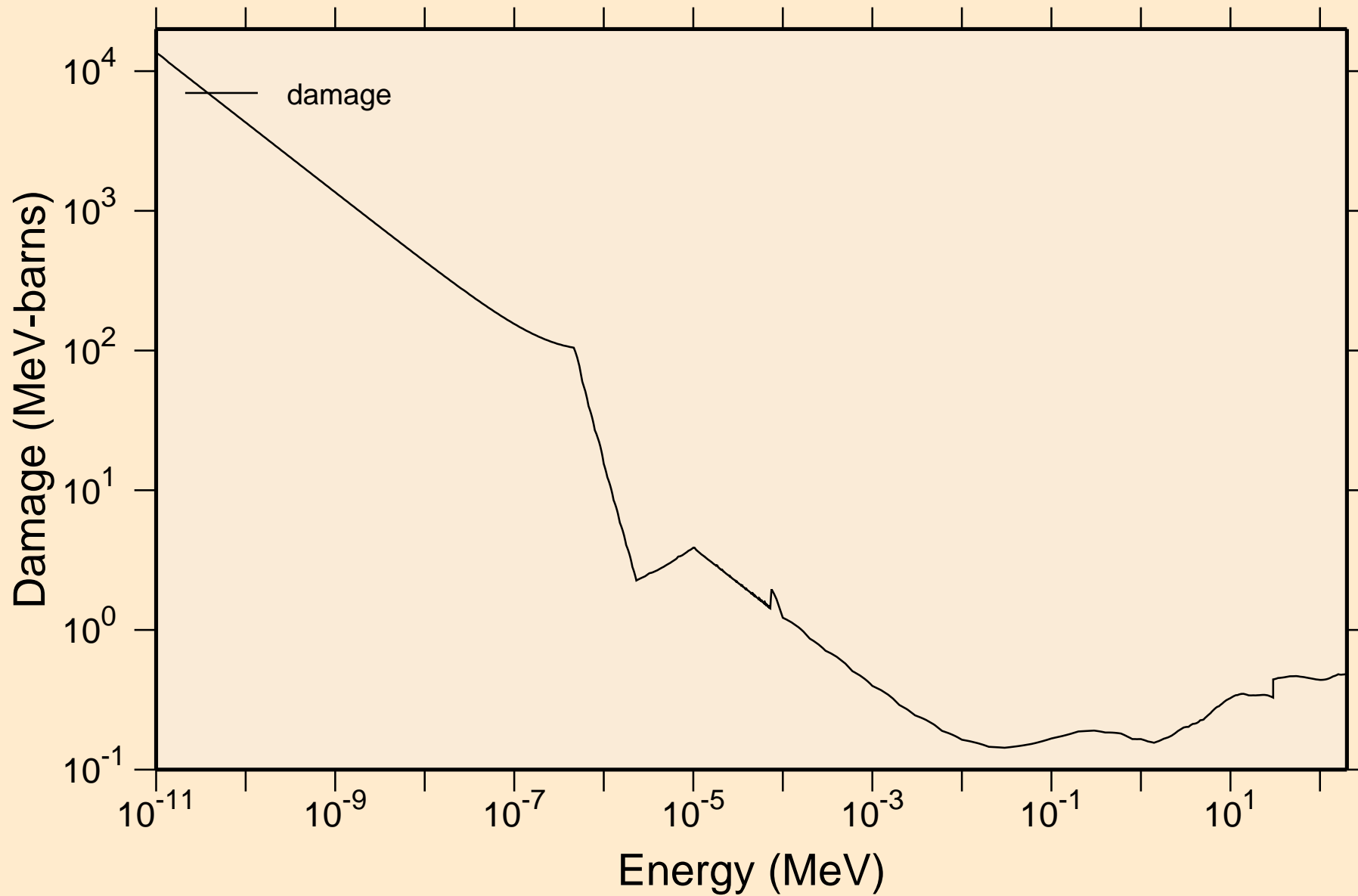
## Heating



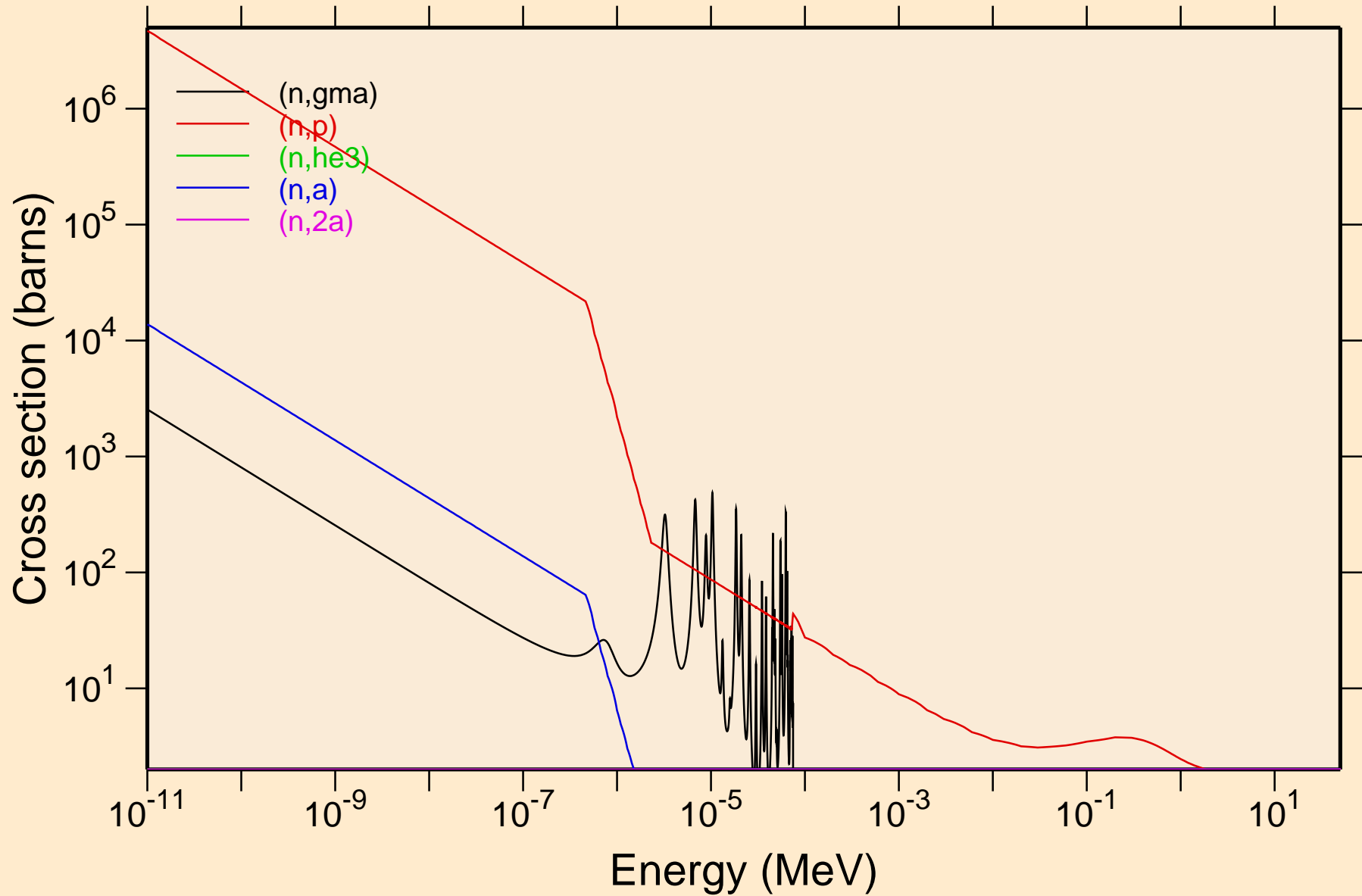


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

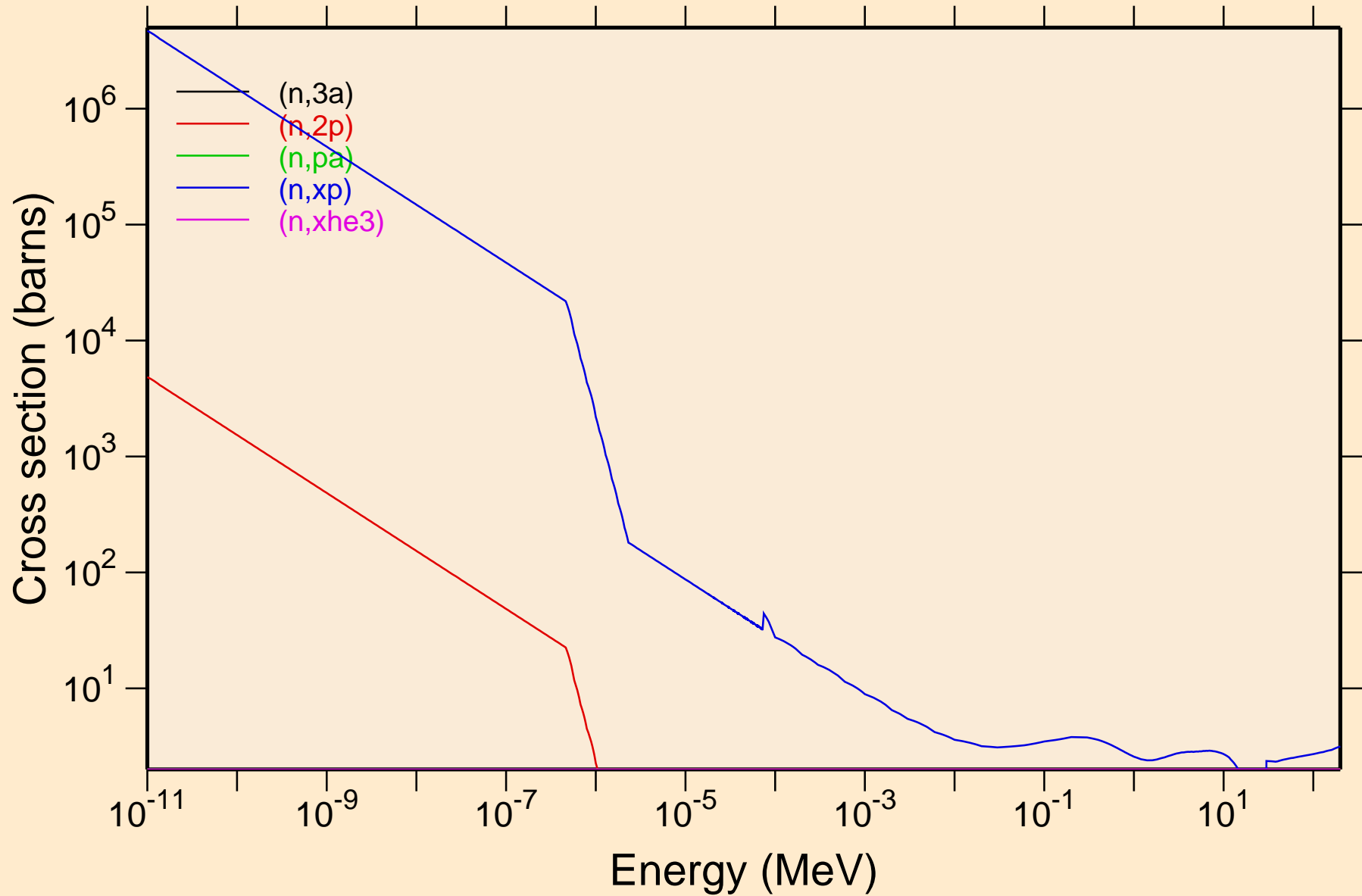


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

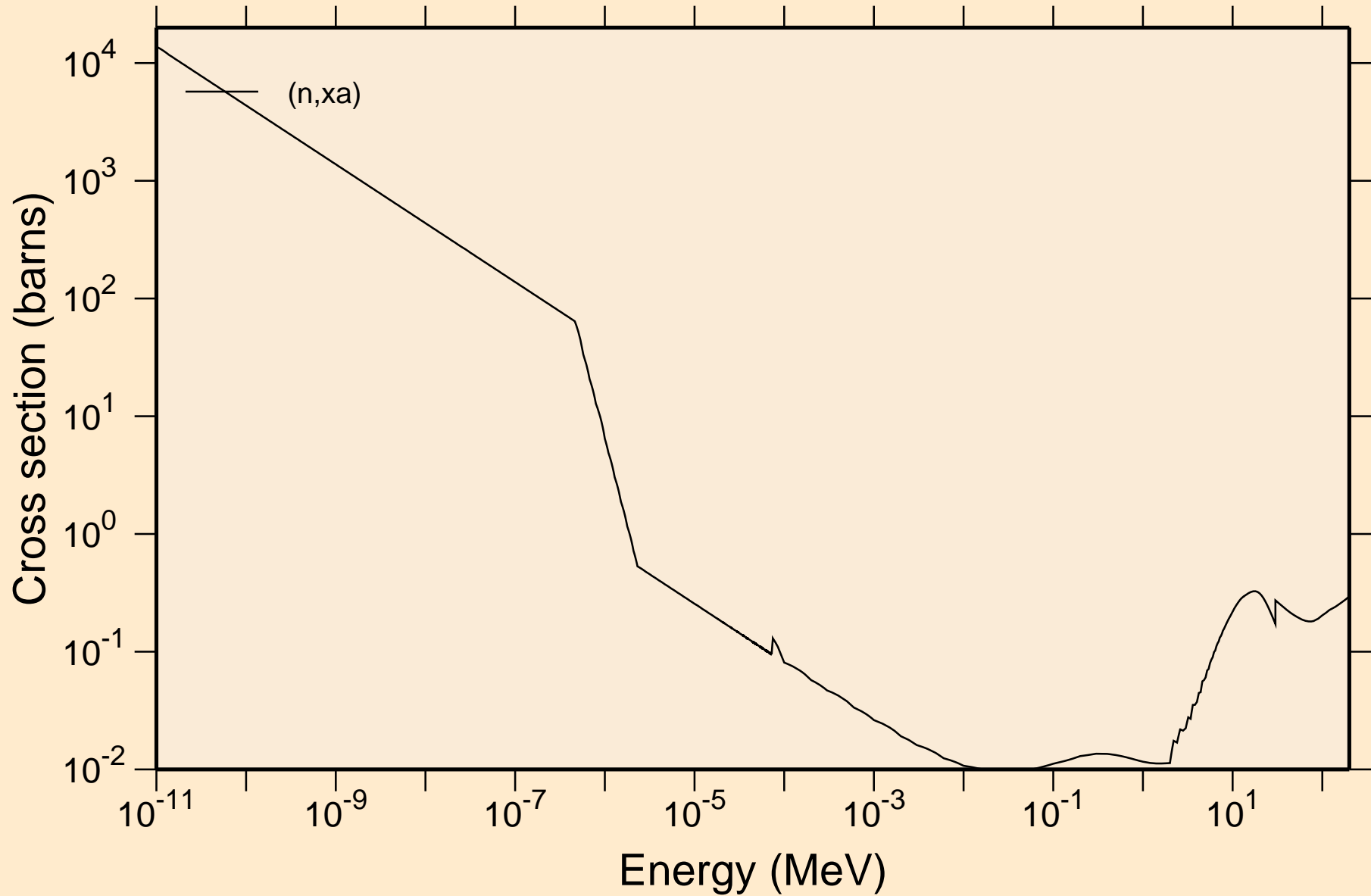


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

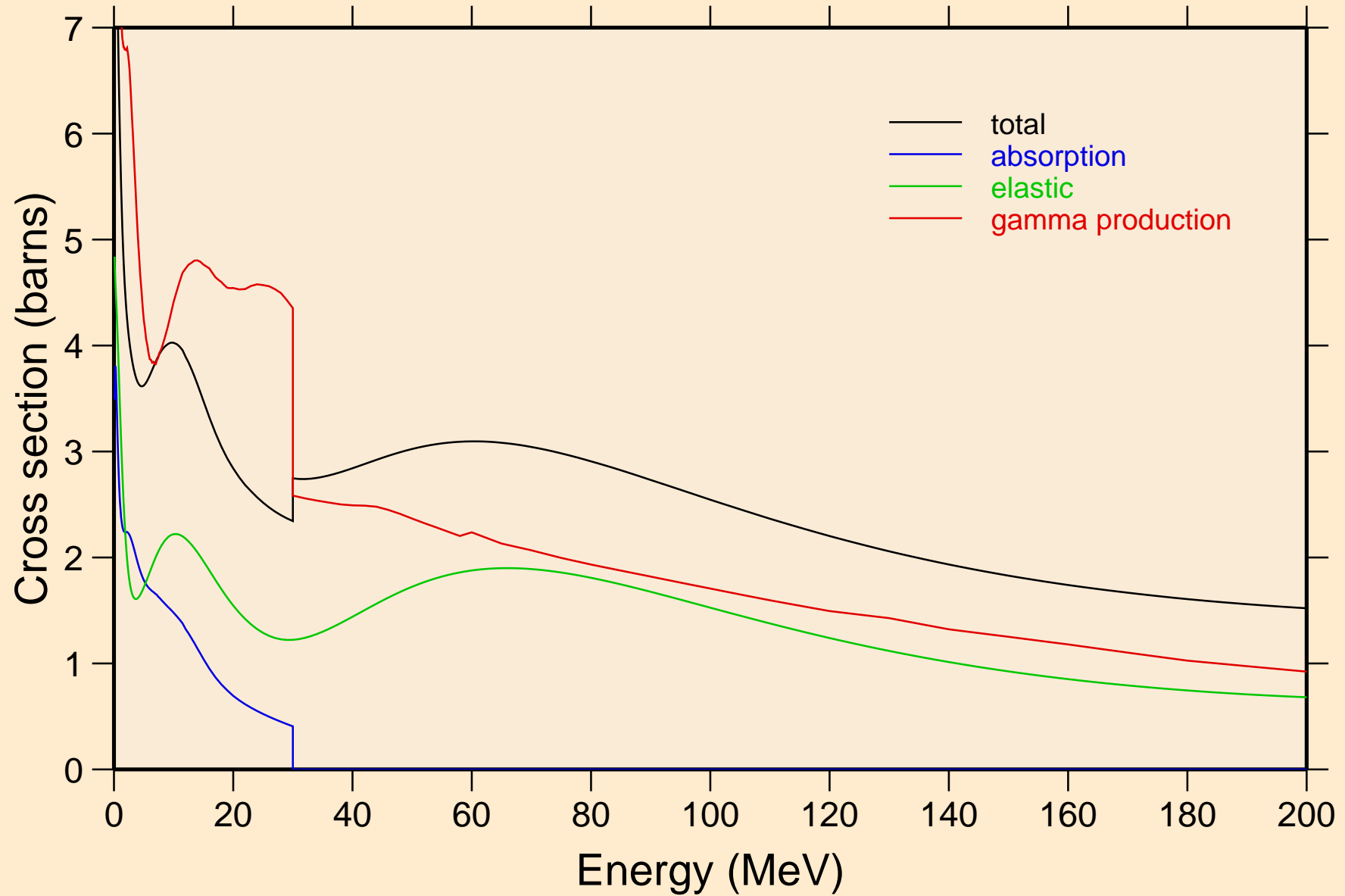


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



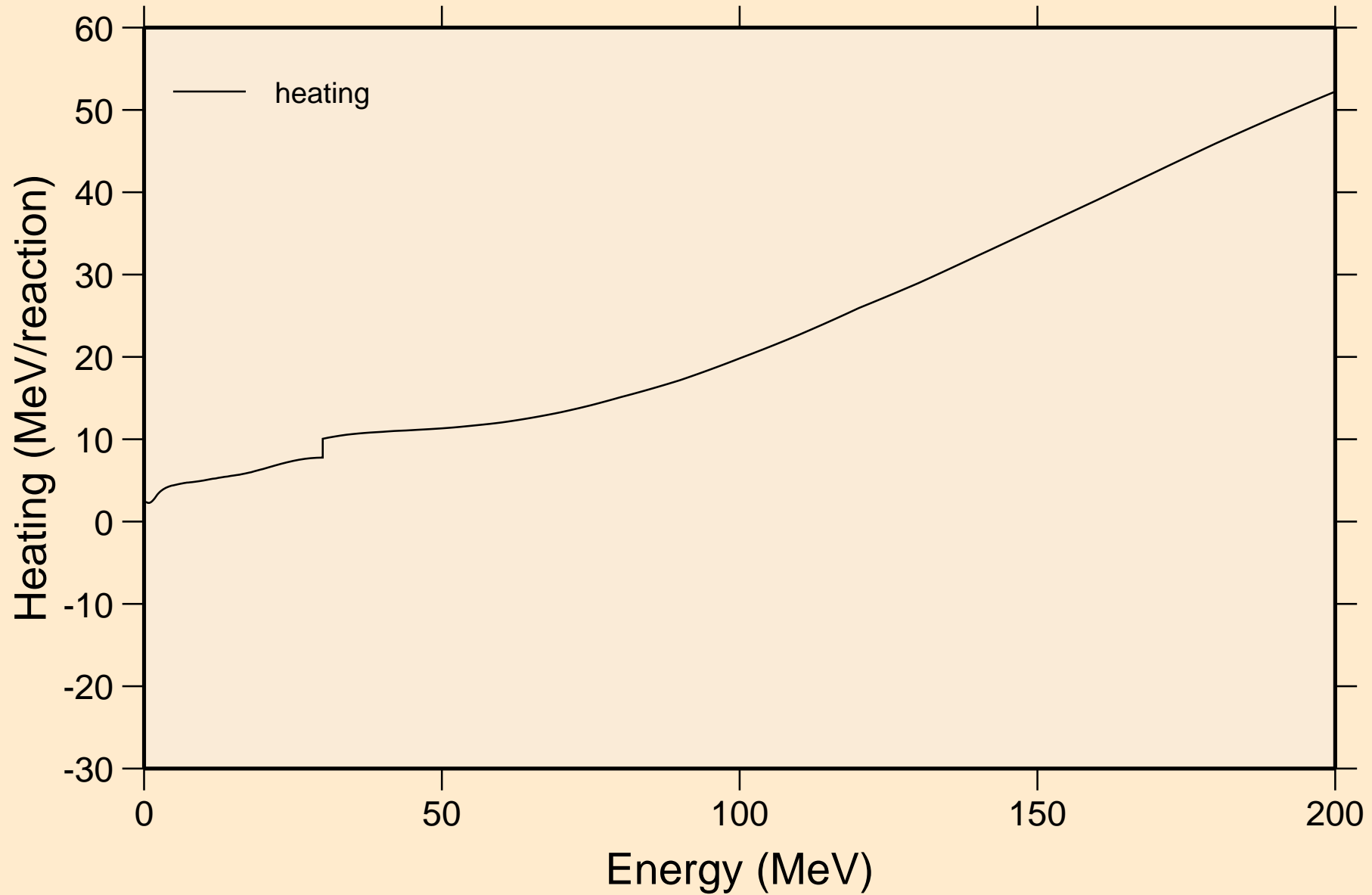
# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



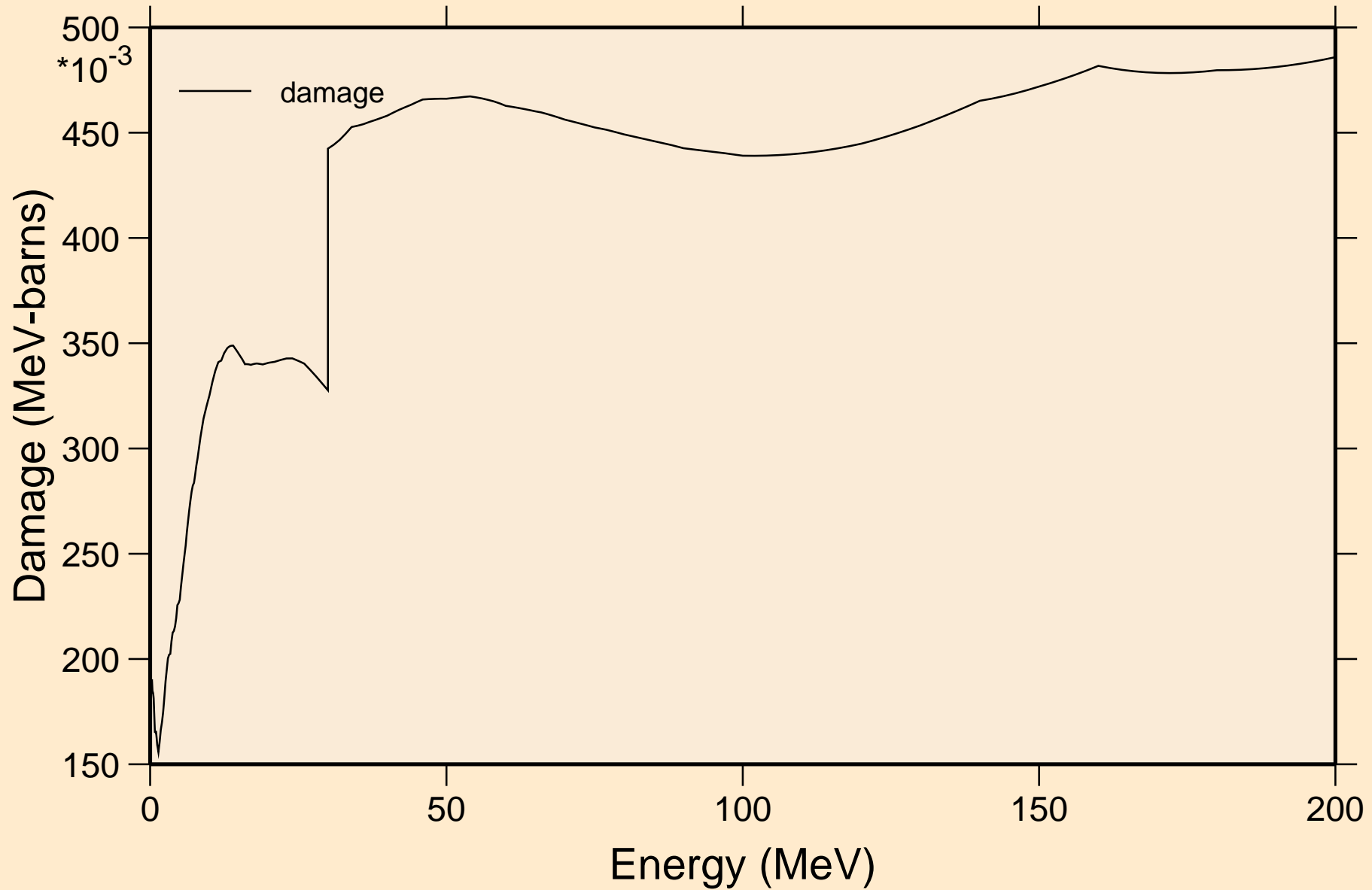
# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



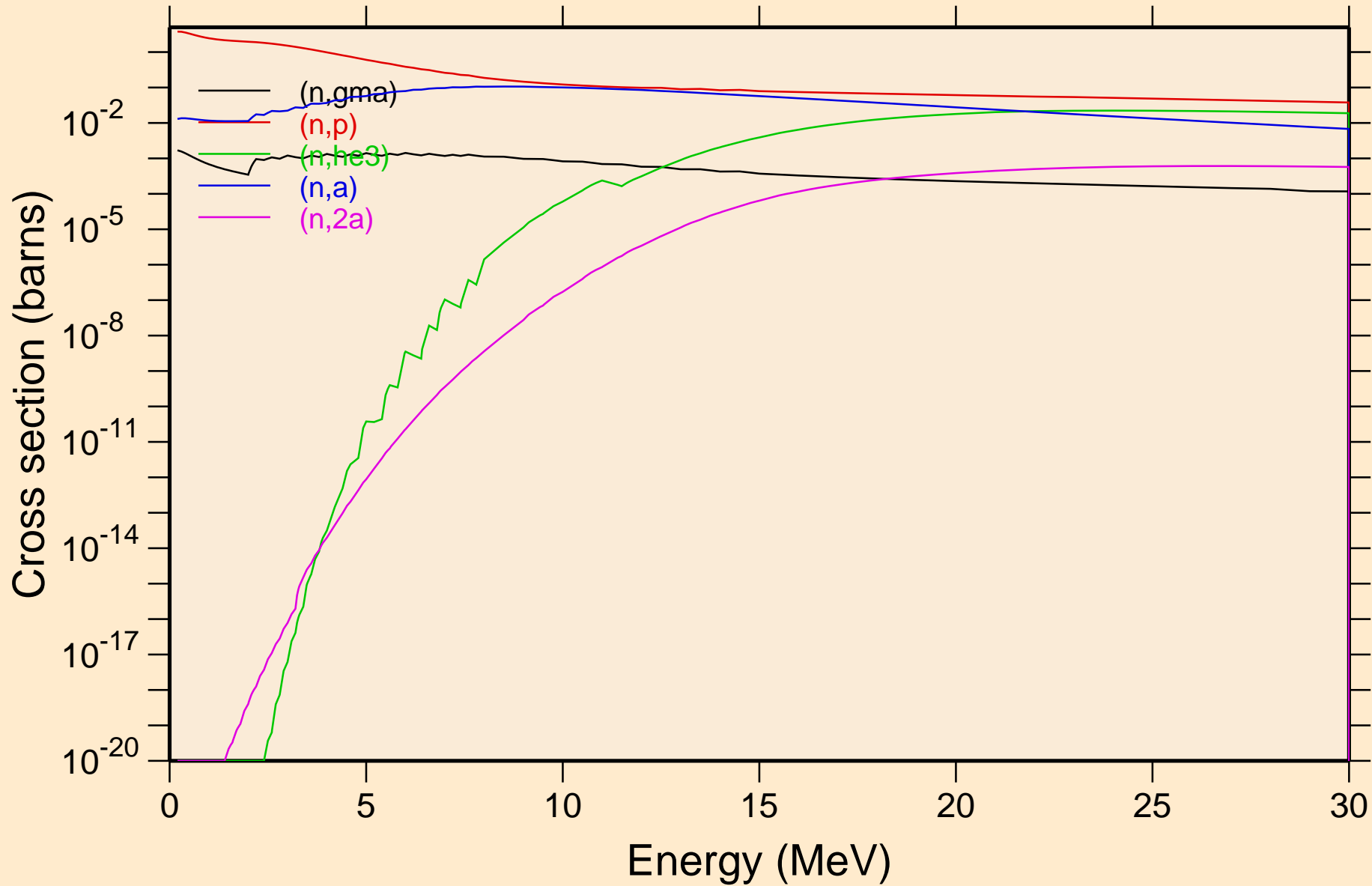
# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



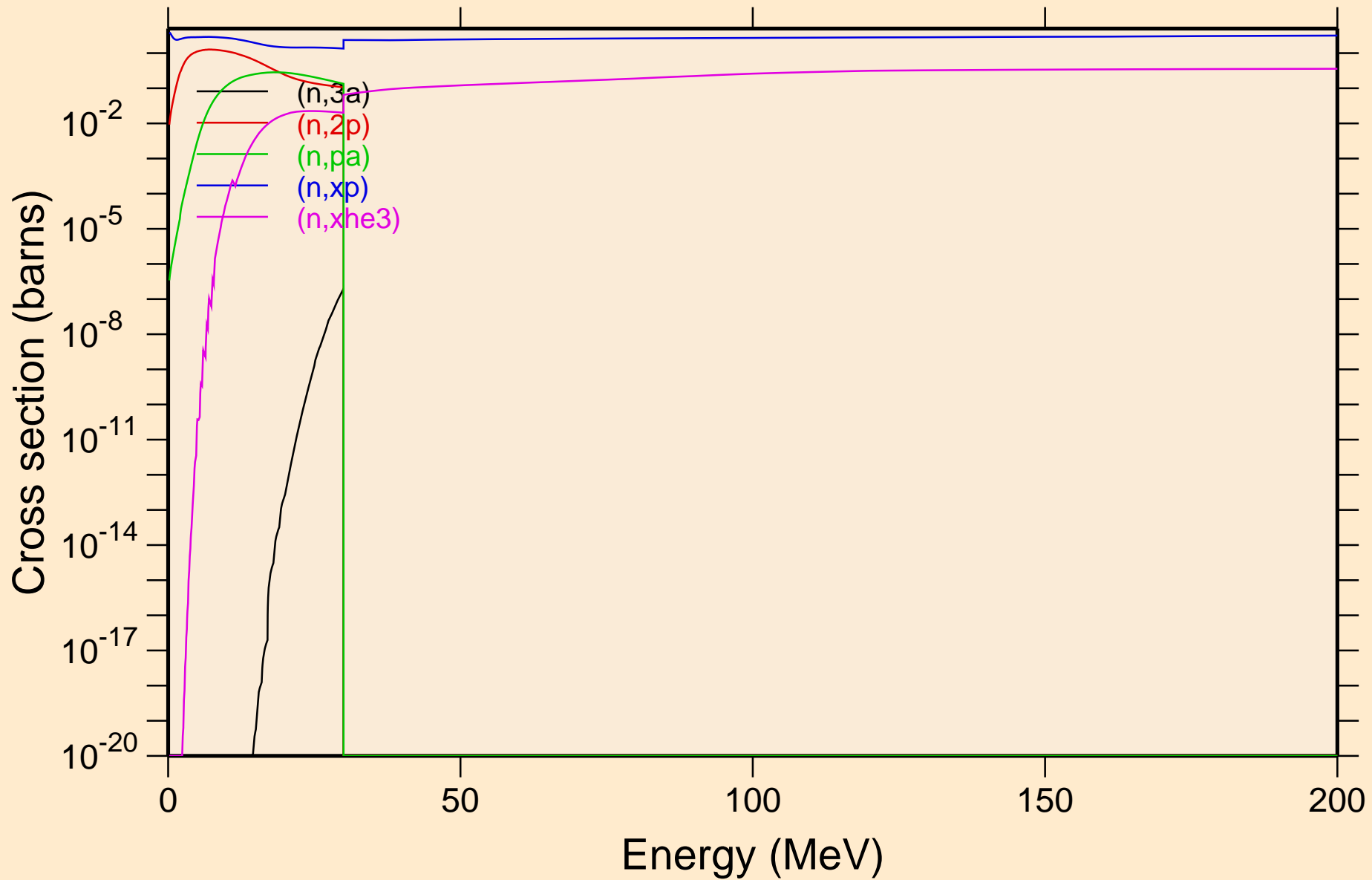
# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

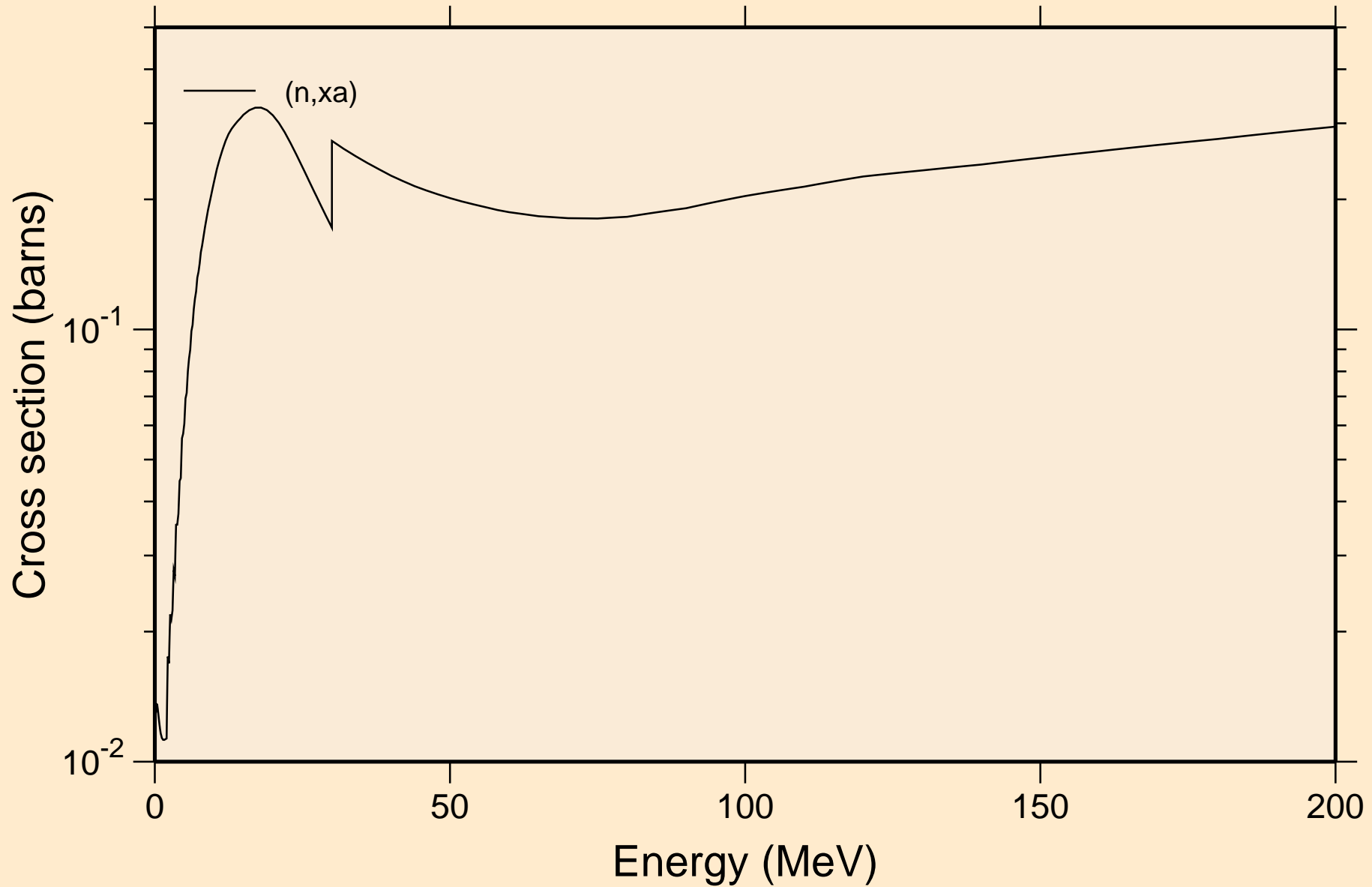




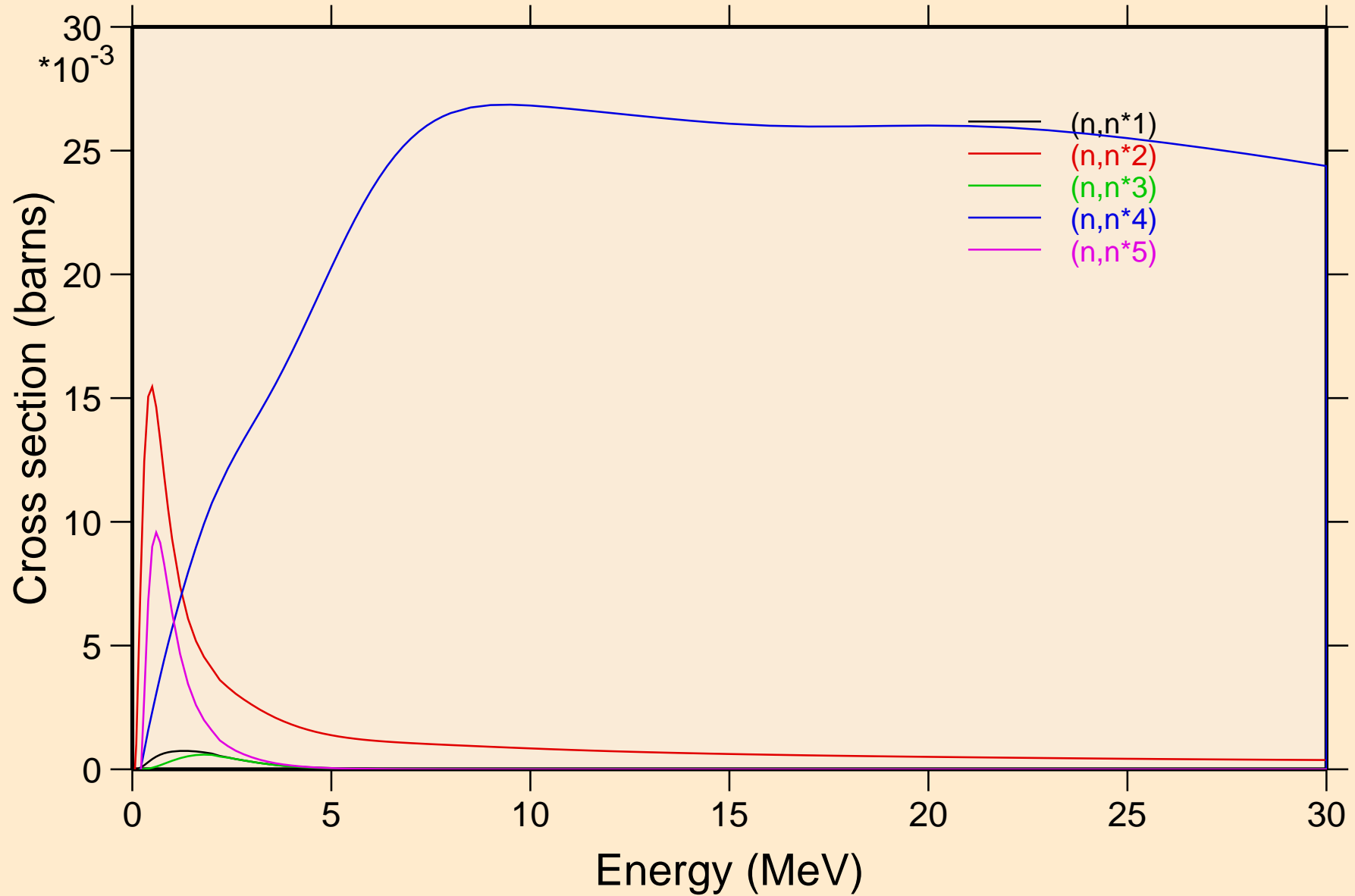
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



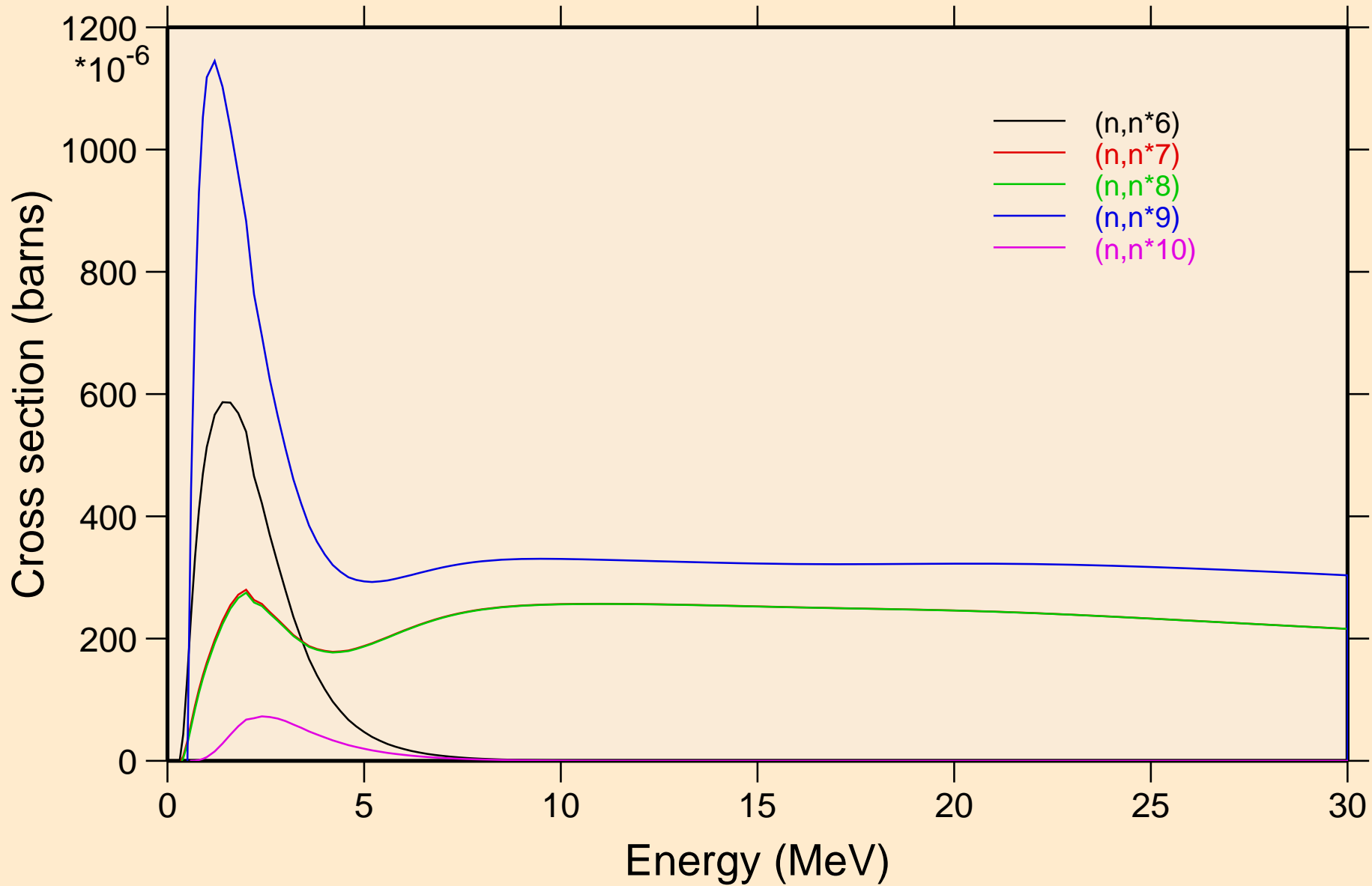
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



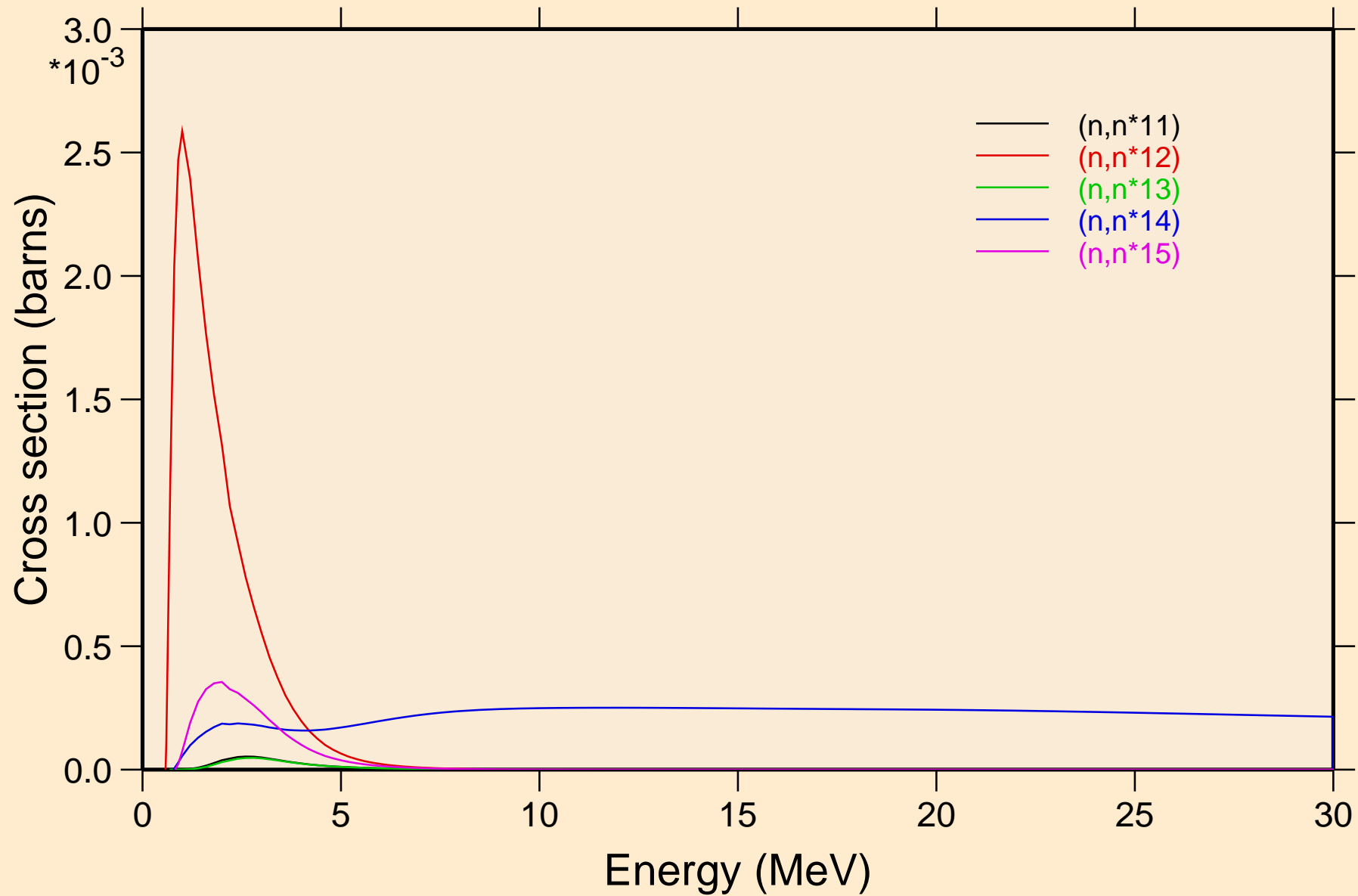
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



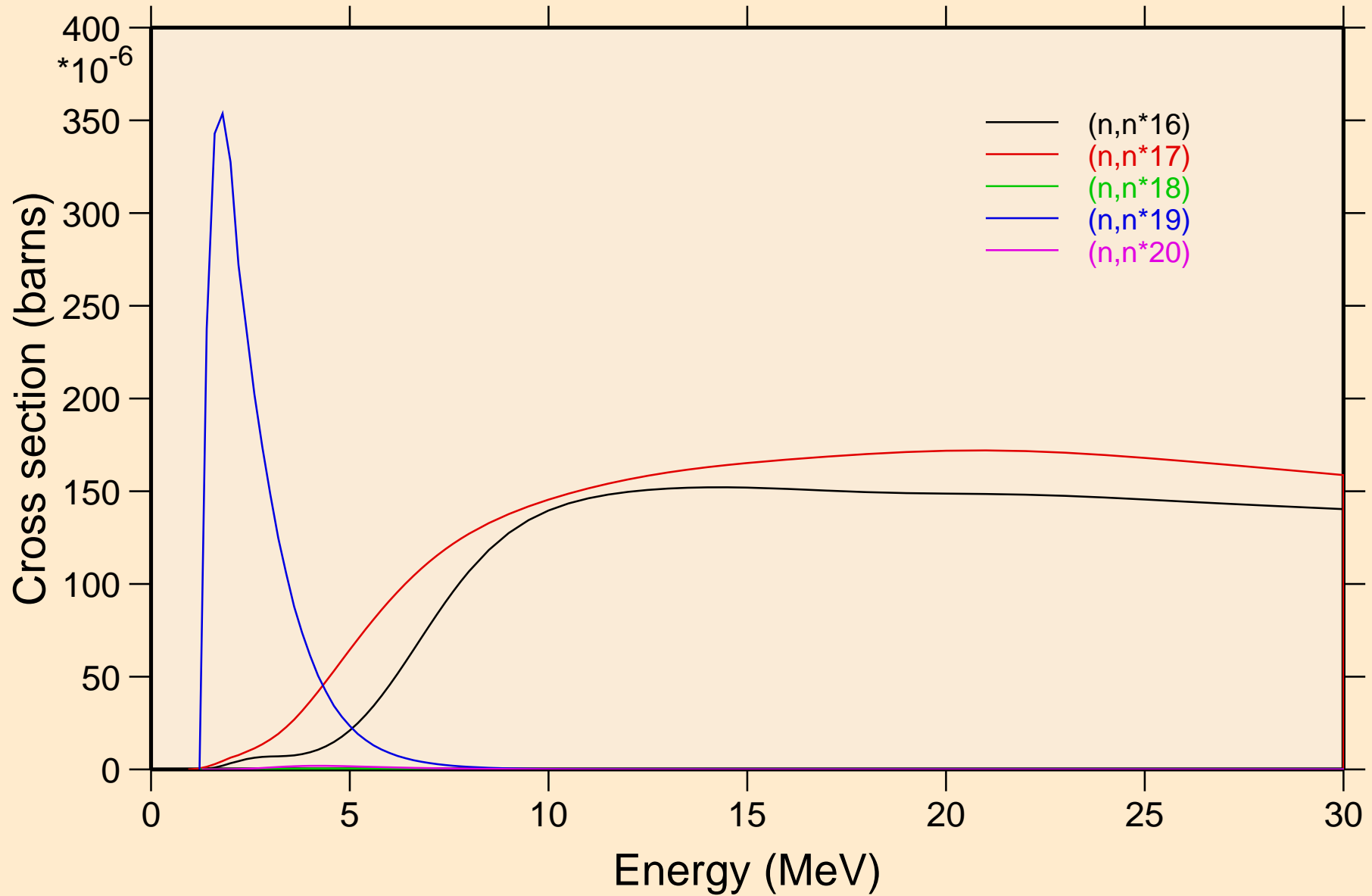
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



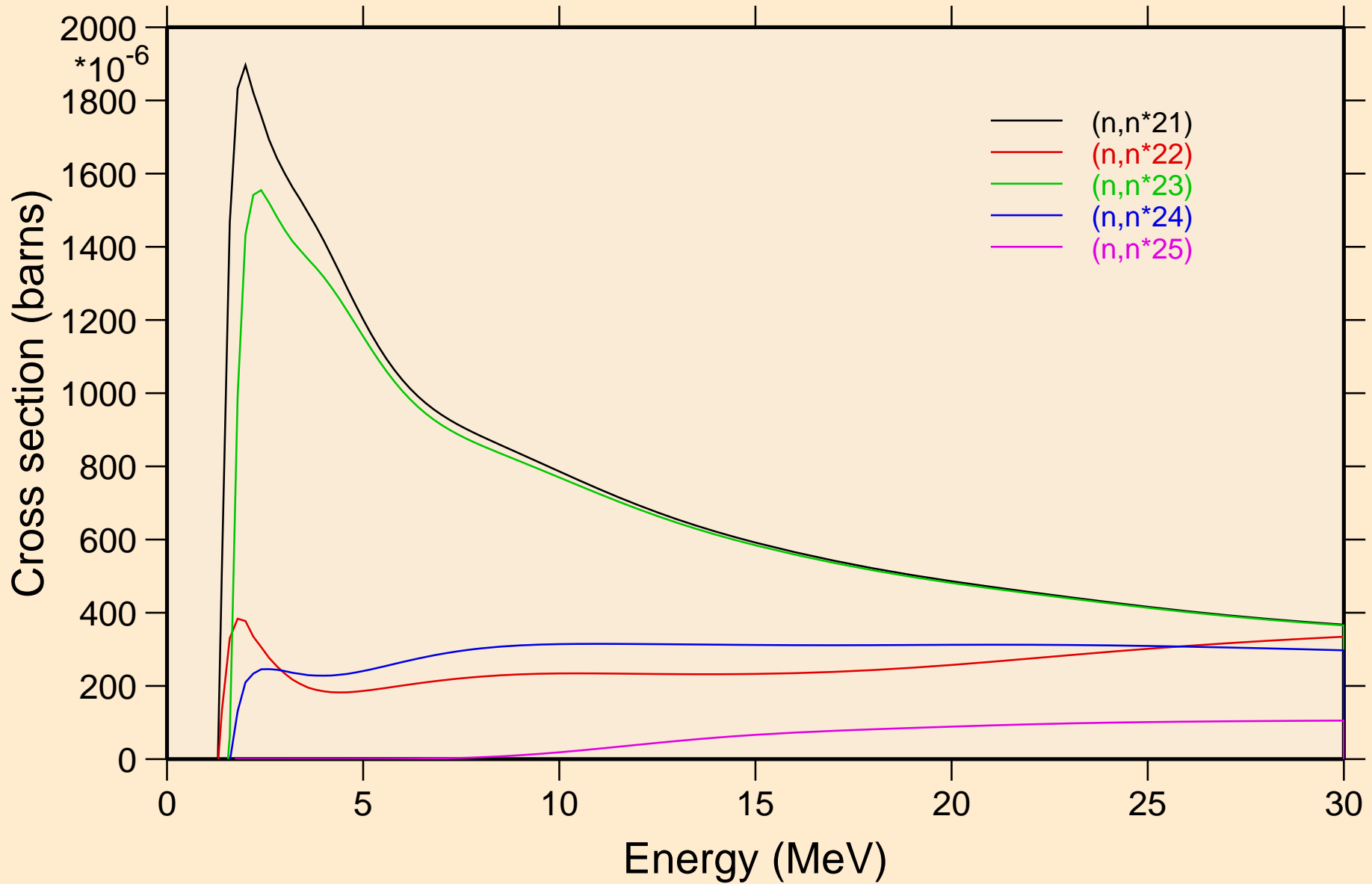
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



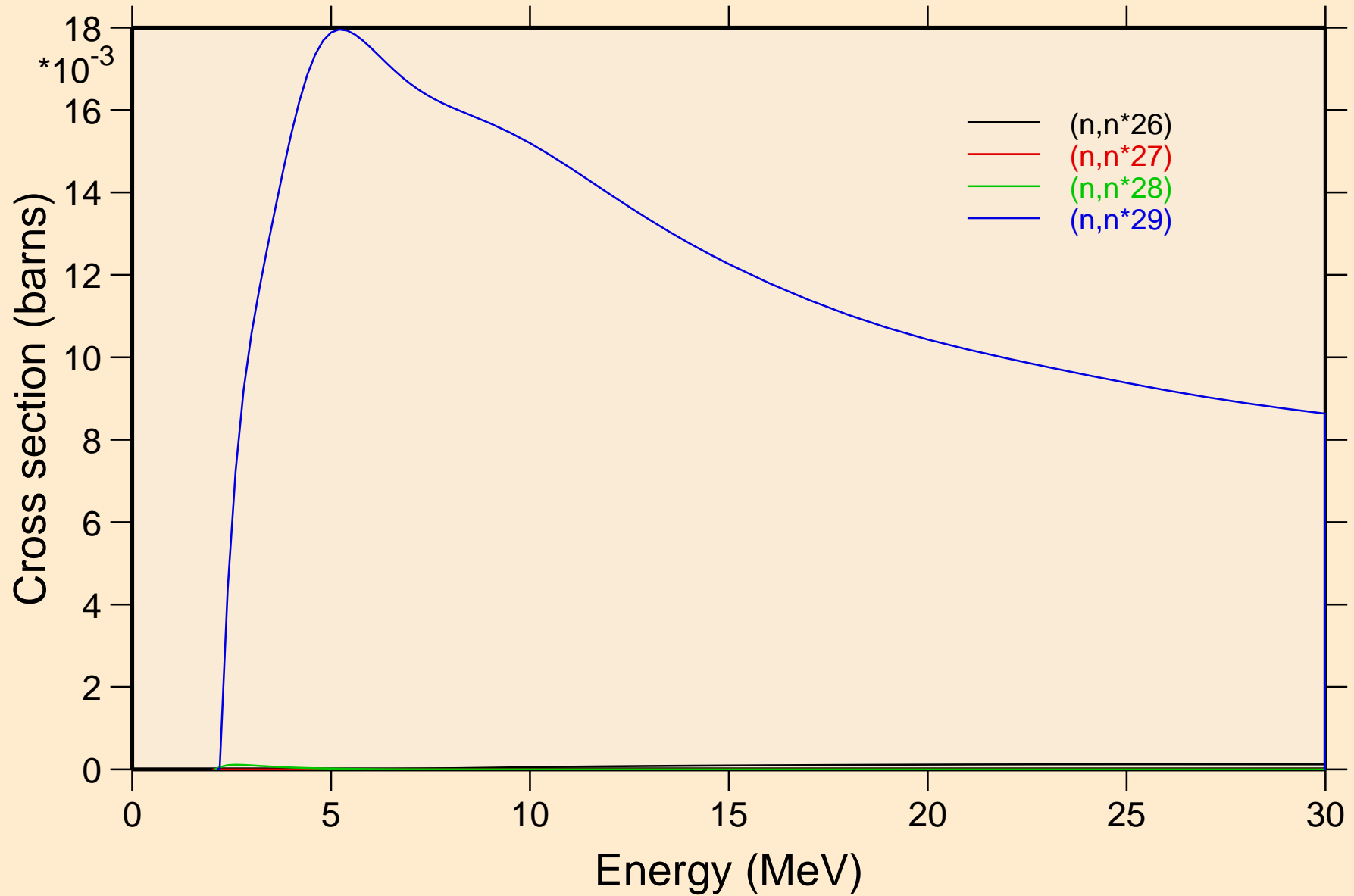
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

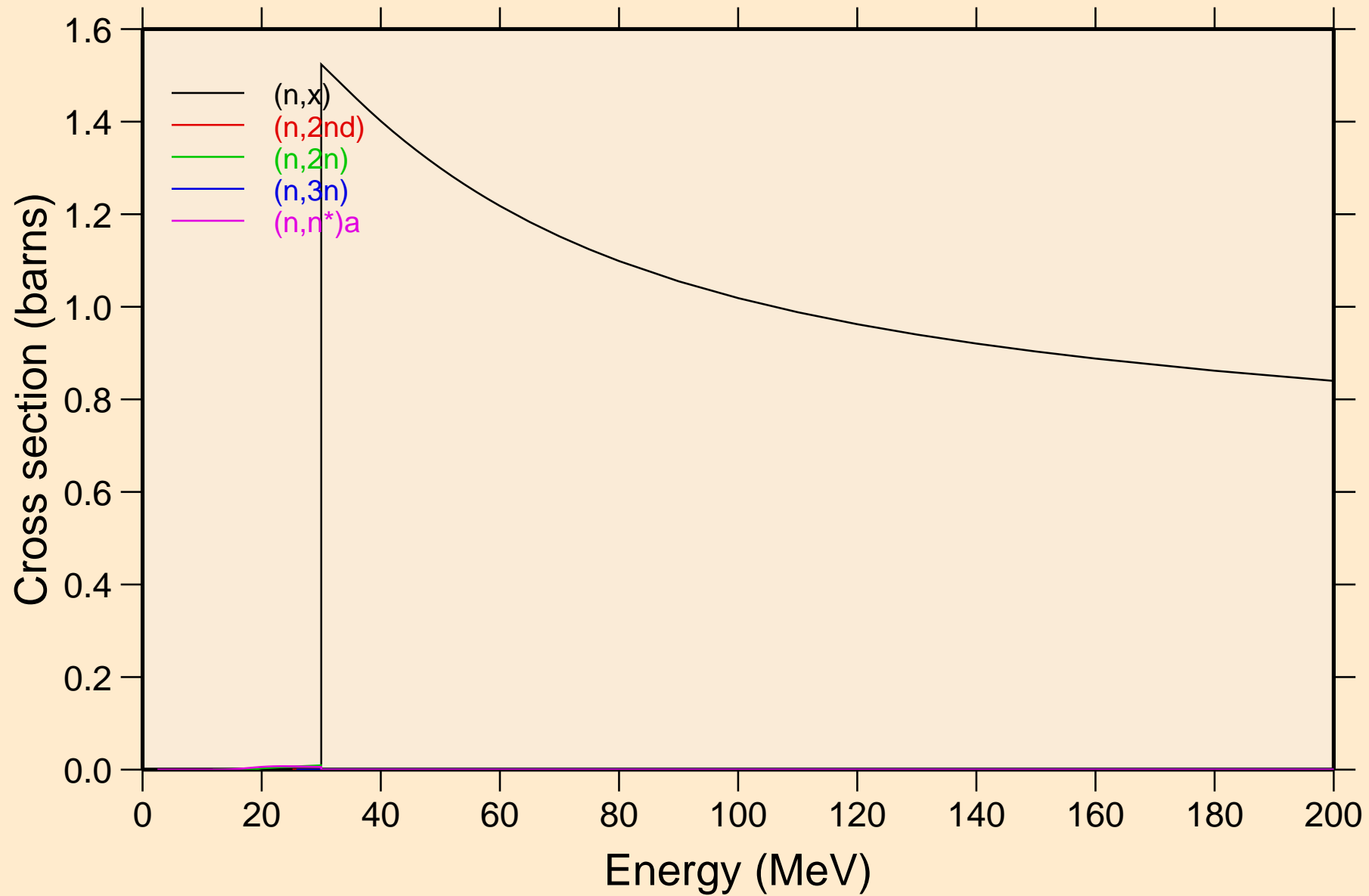


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

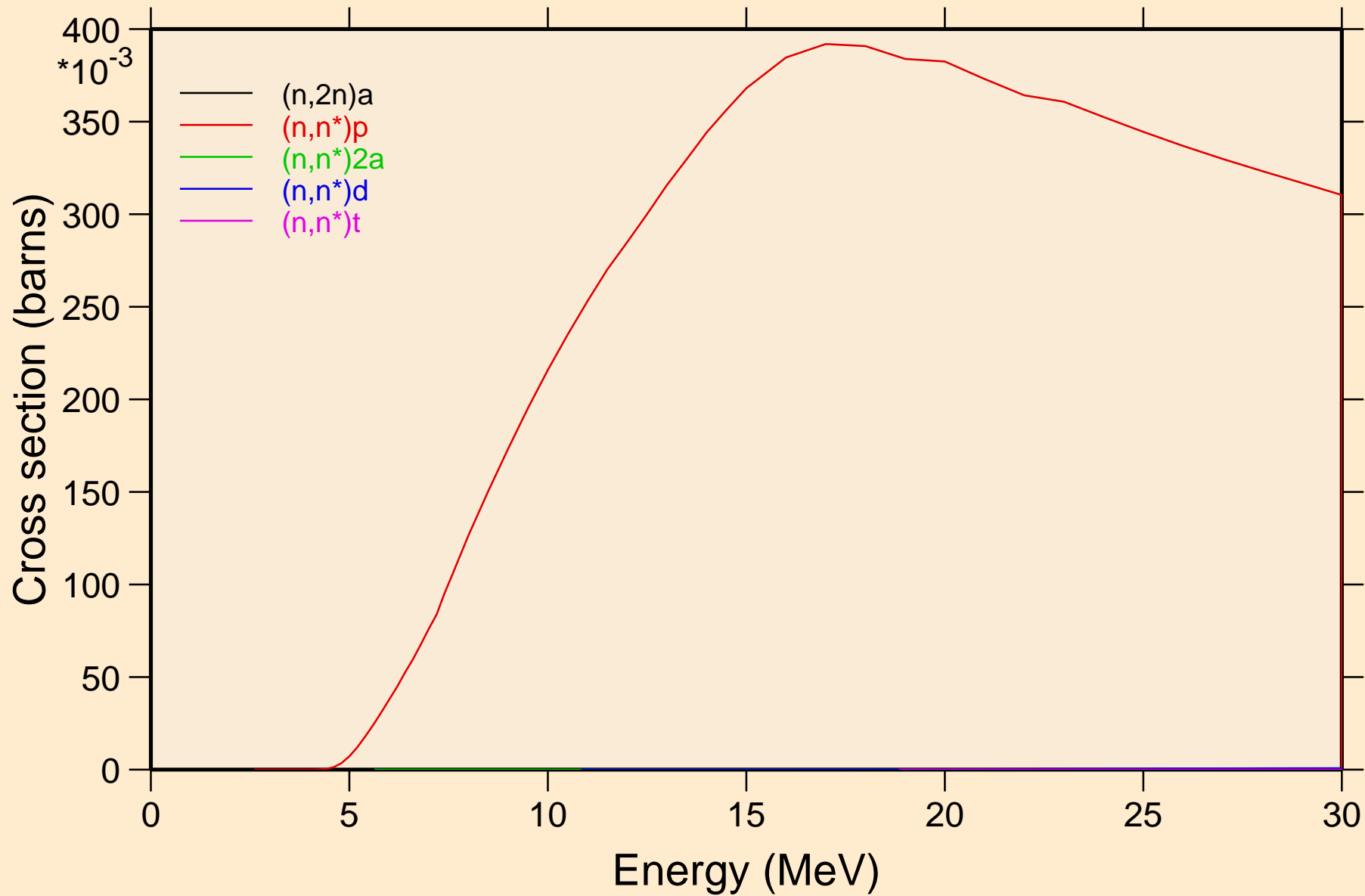




NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

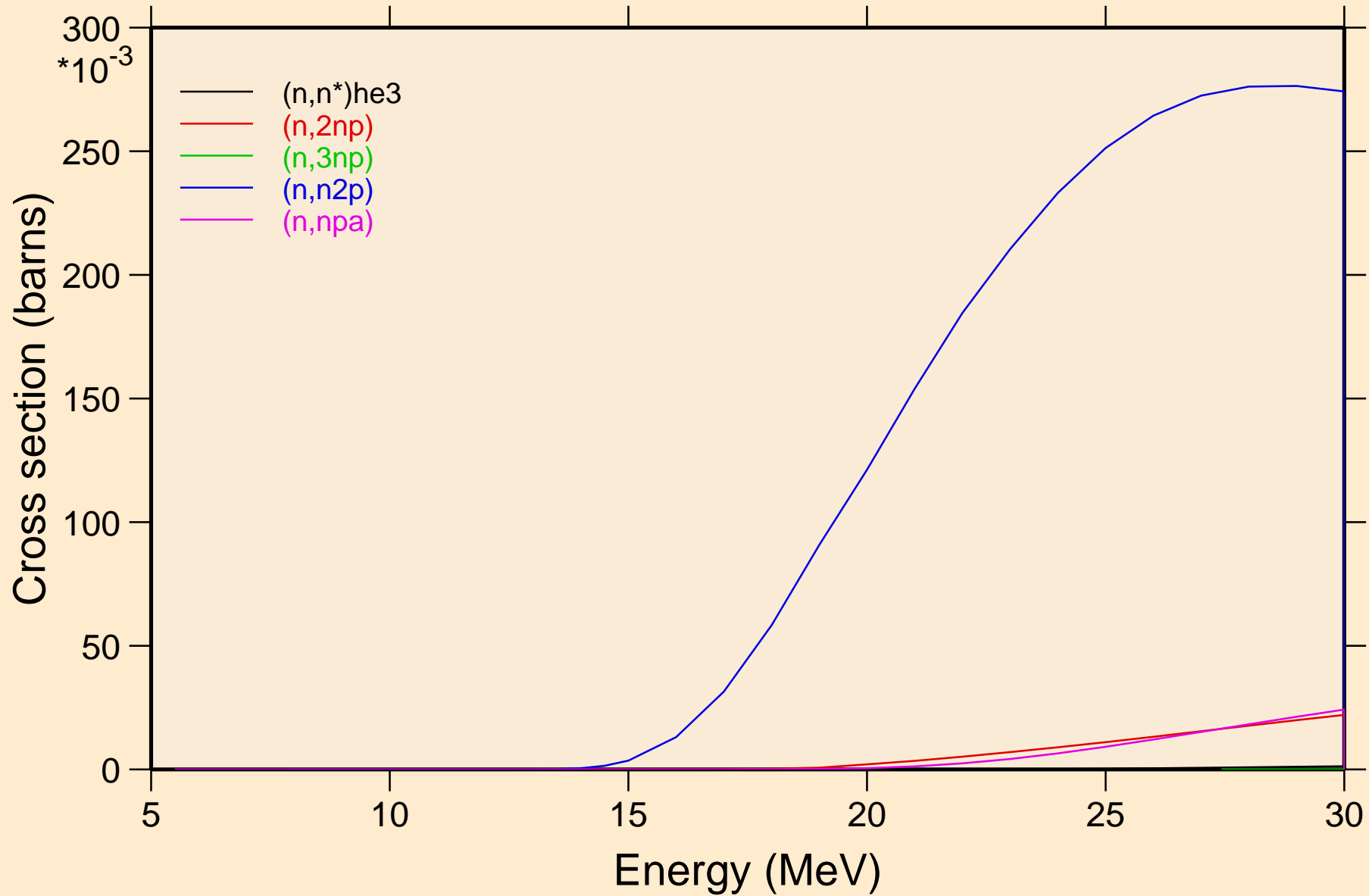


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



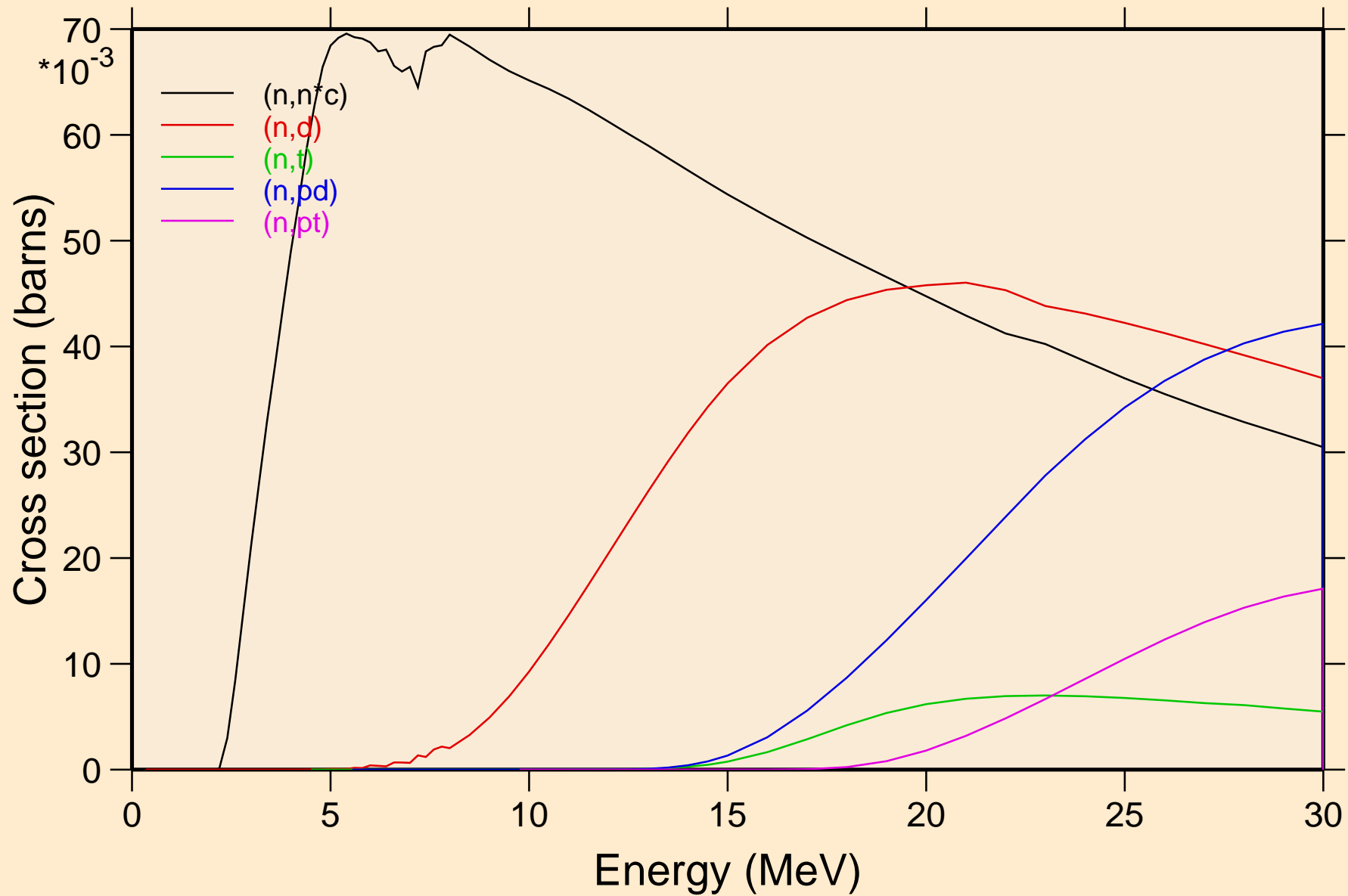
# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

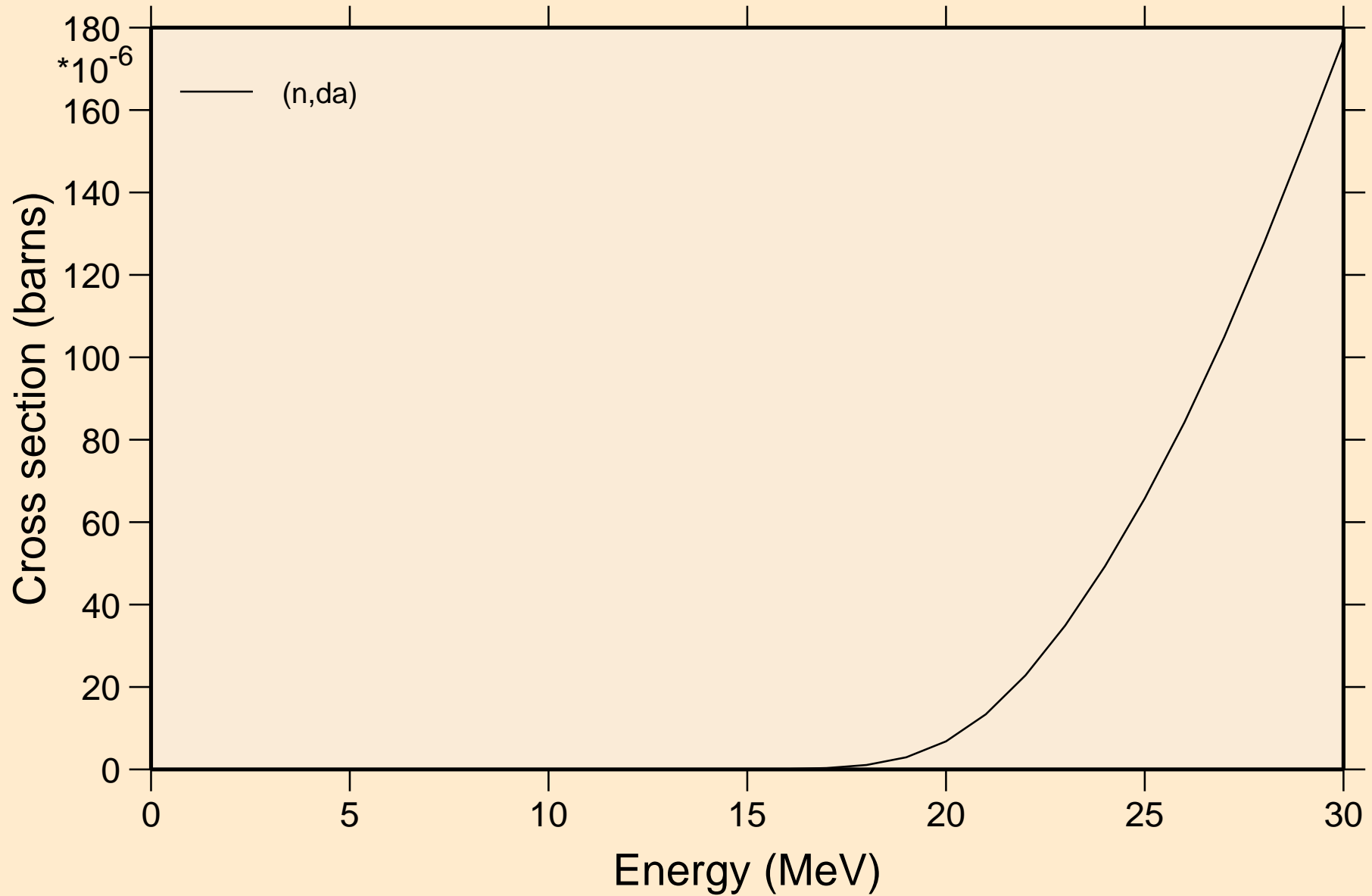


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

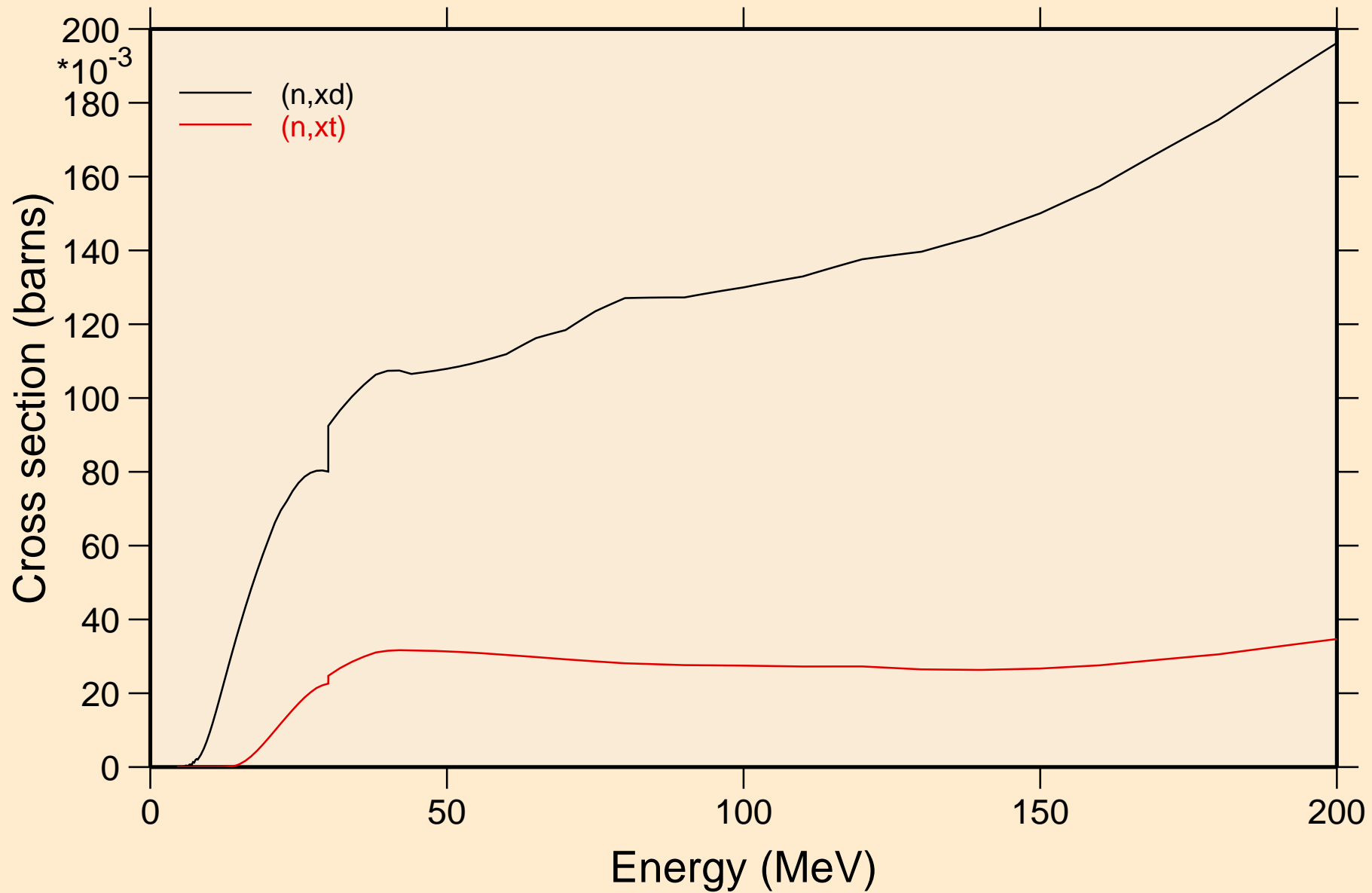


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

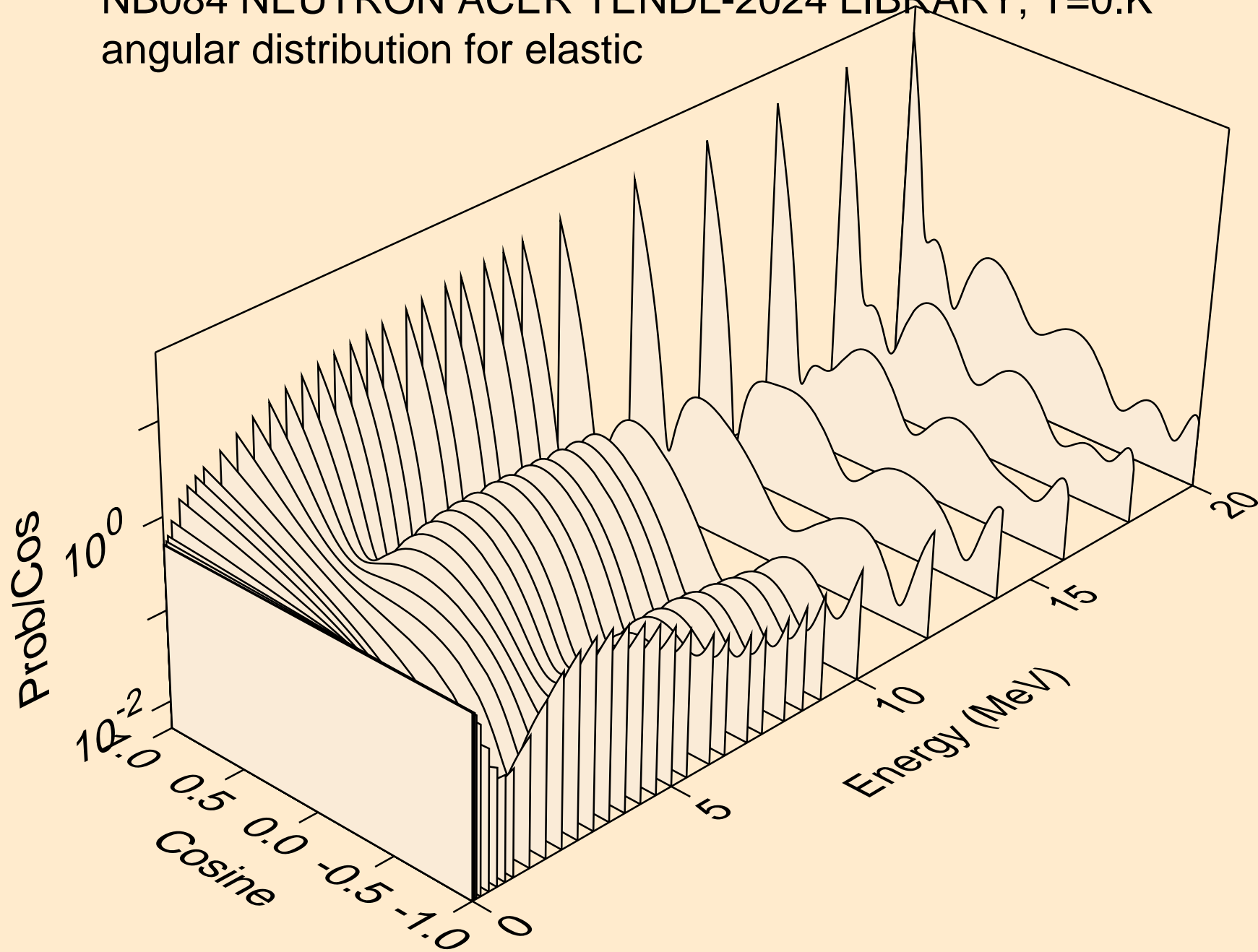


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

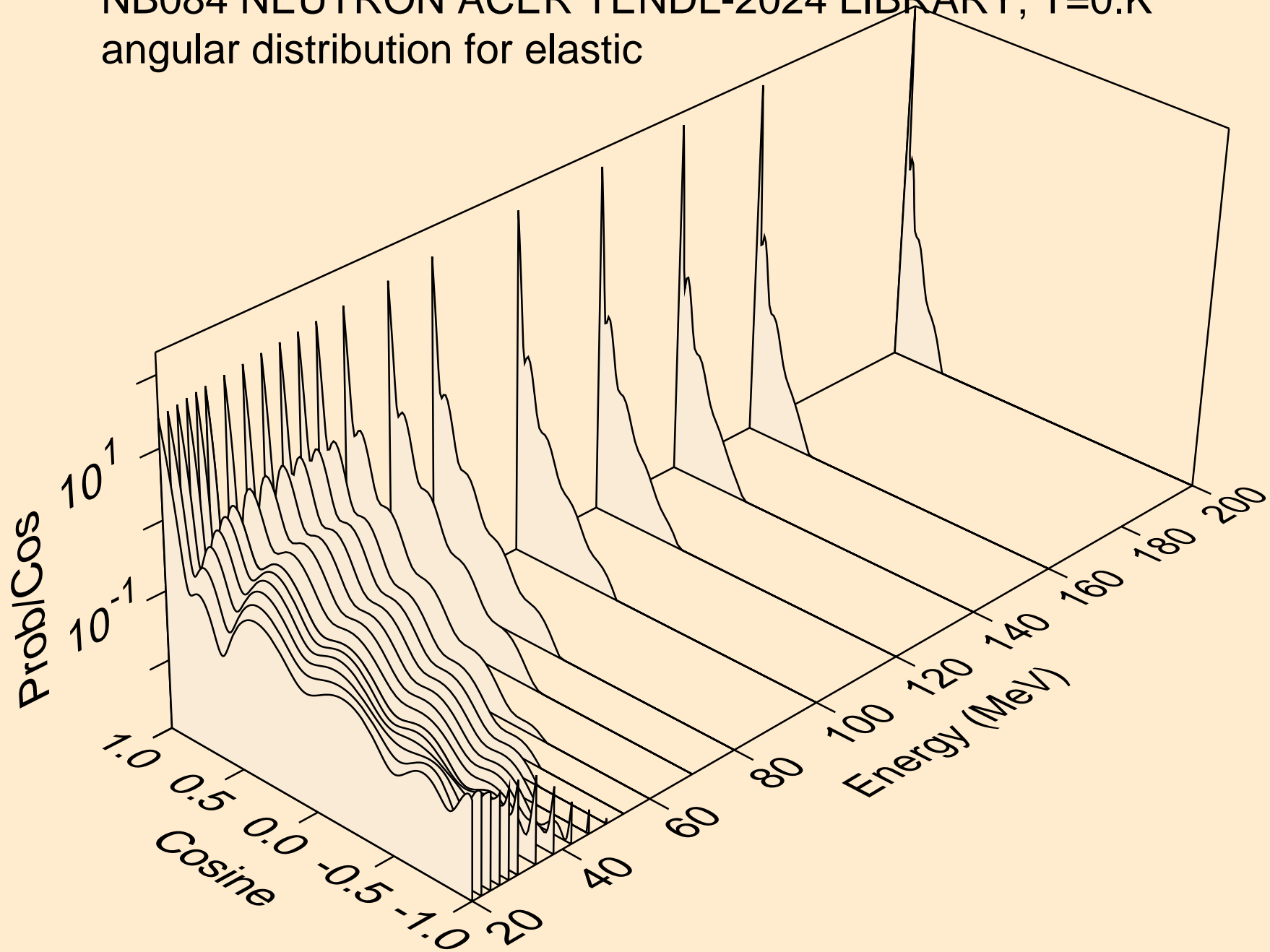
## Threshold reactions



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

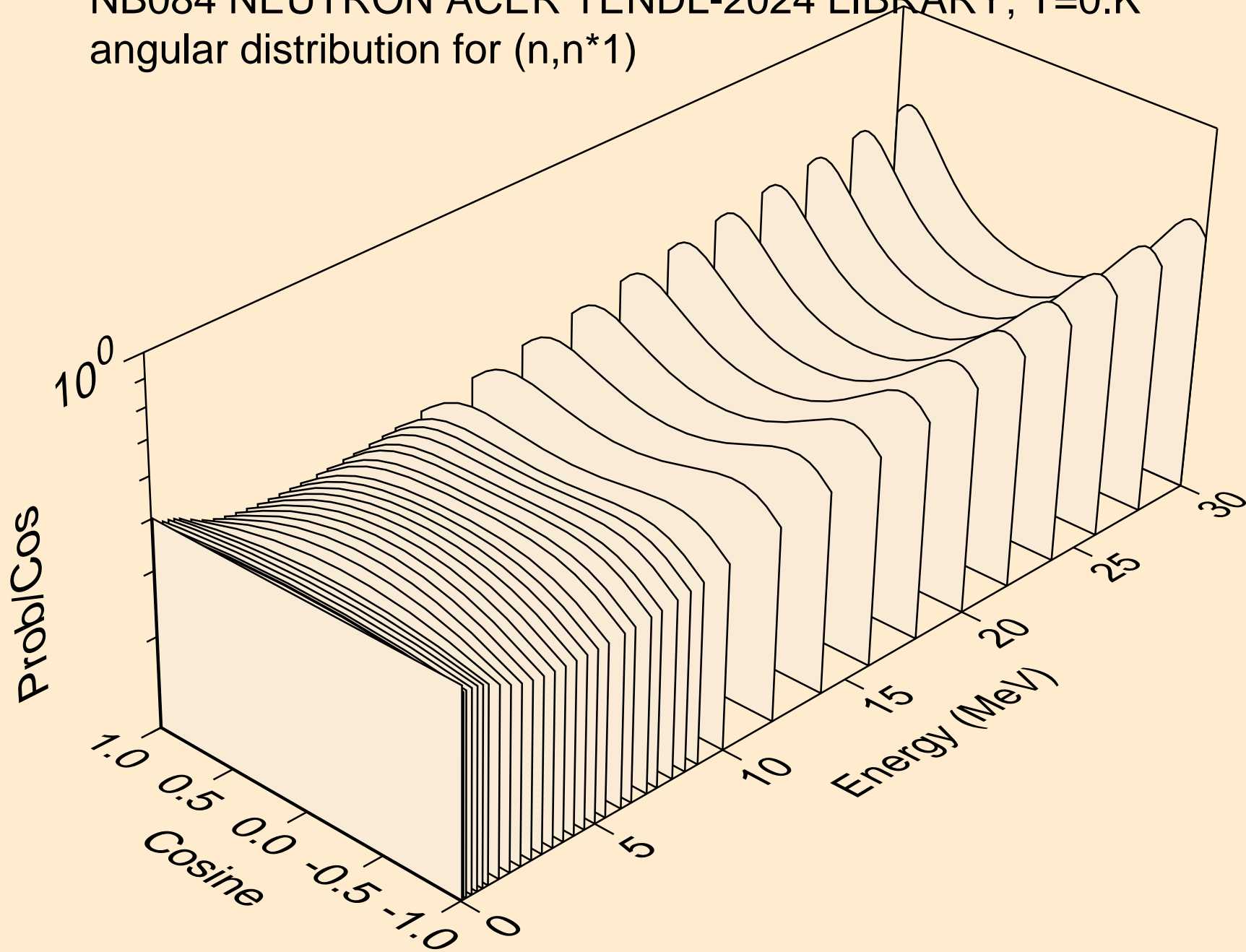


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

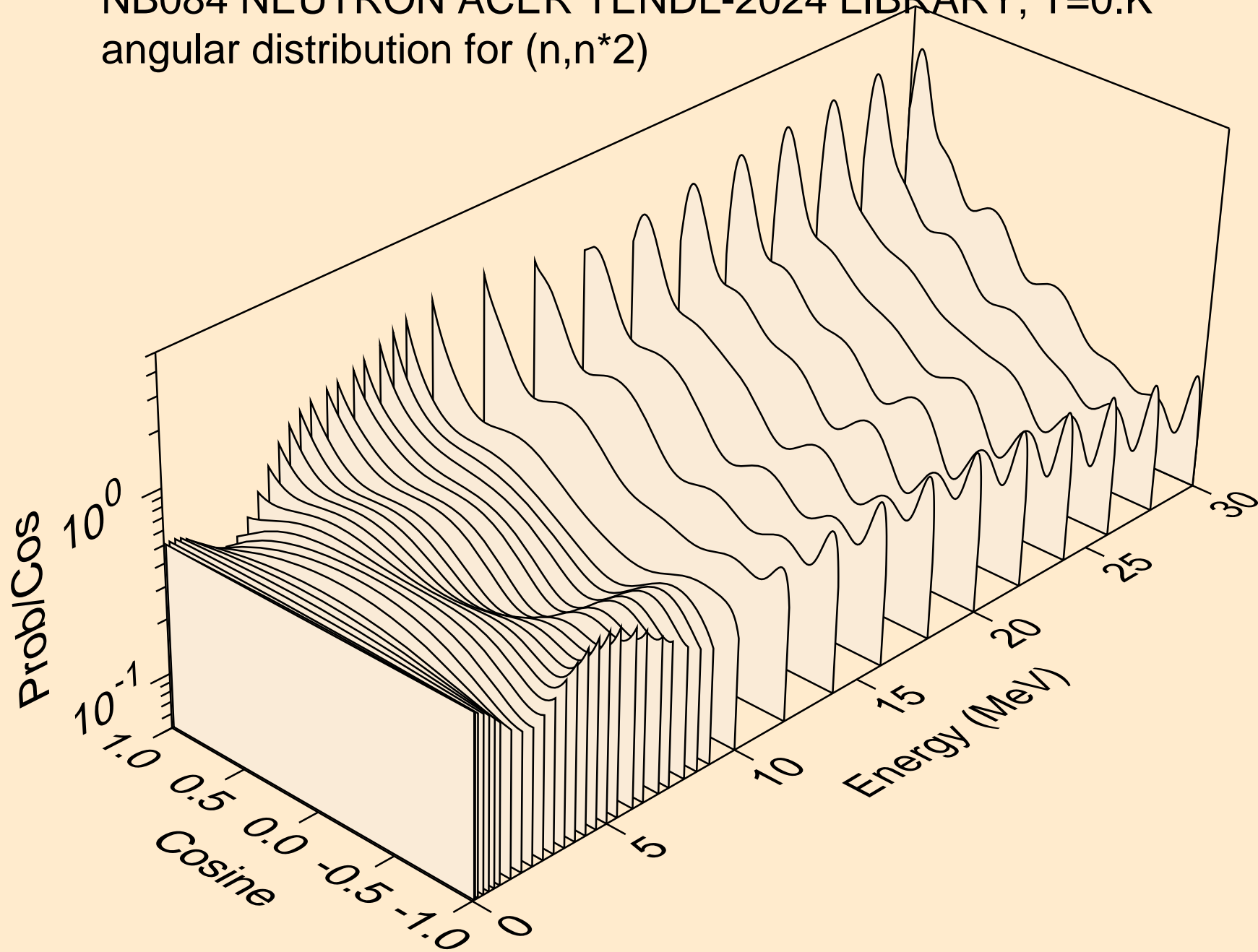




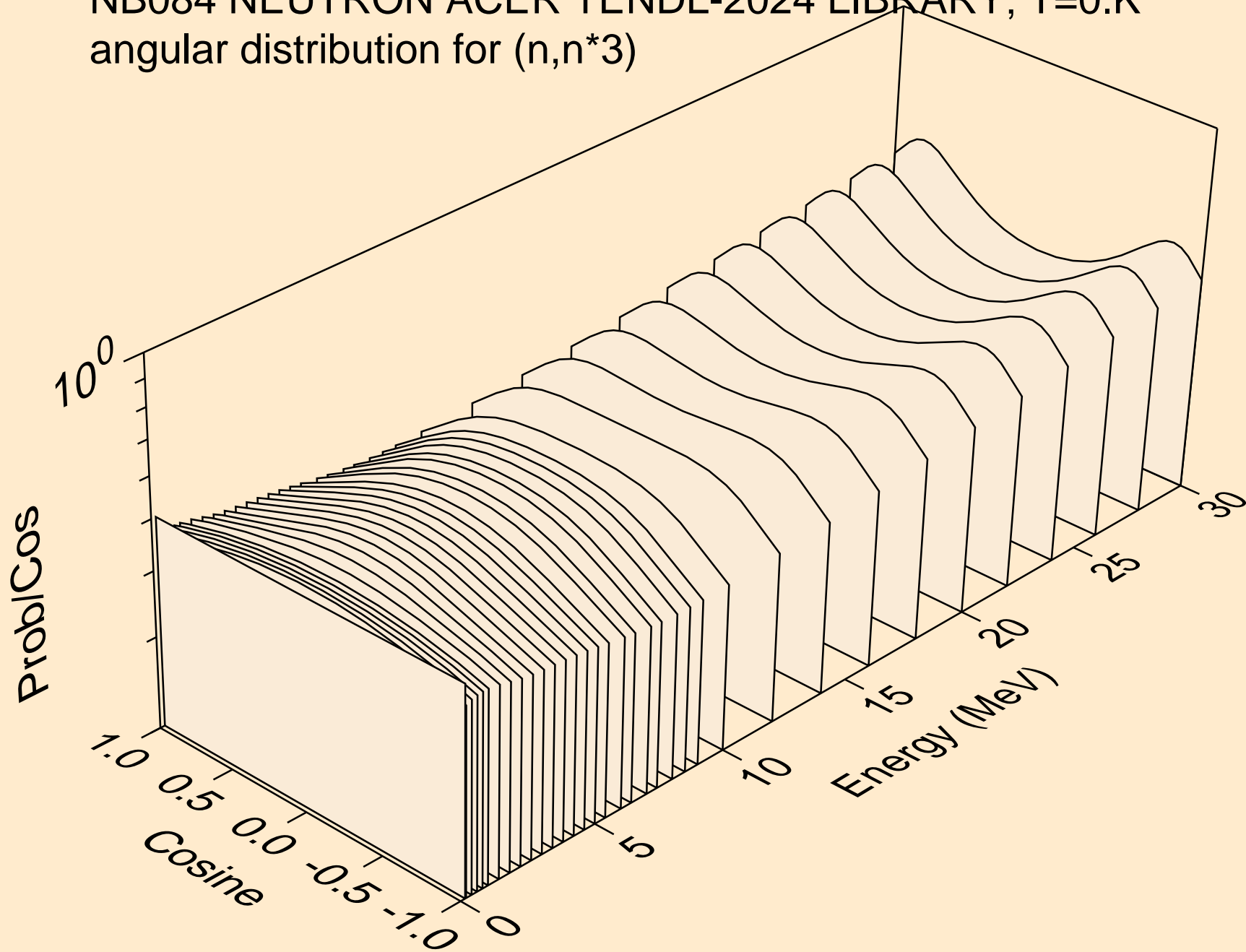
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



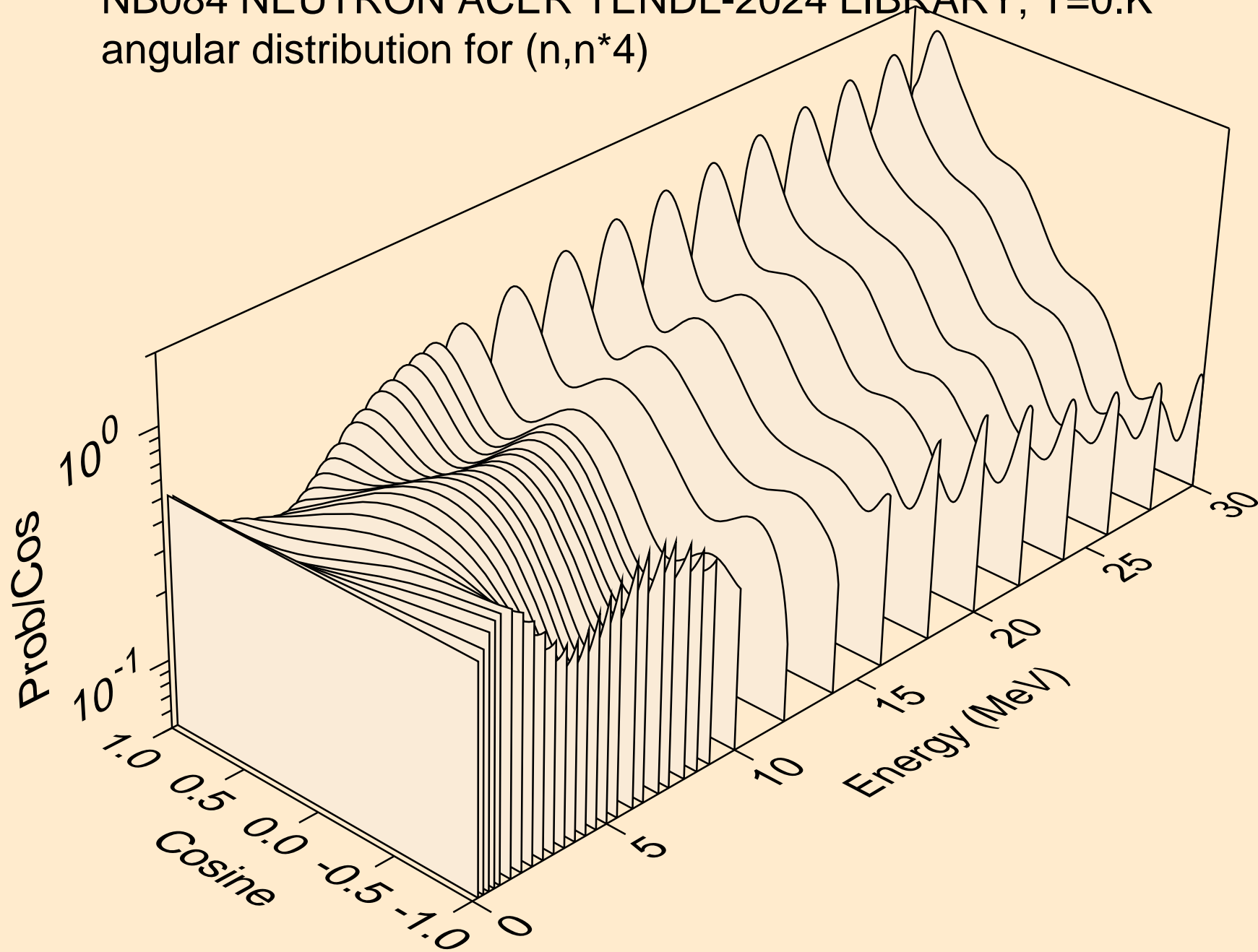
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



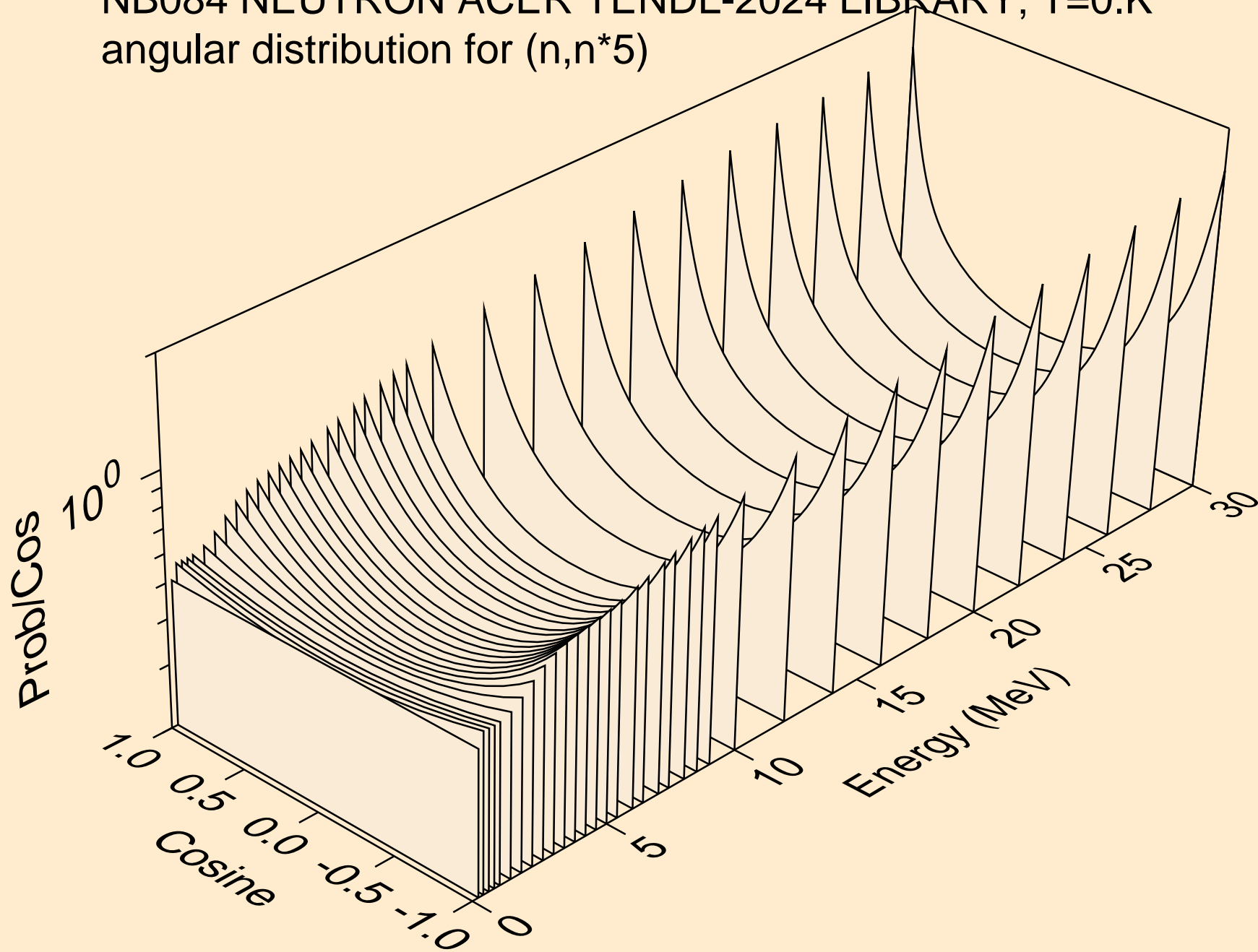
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



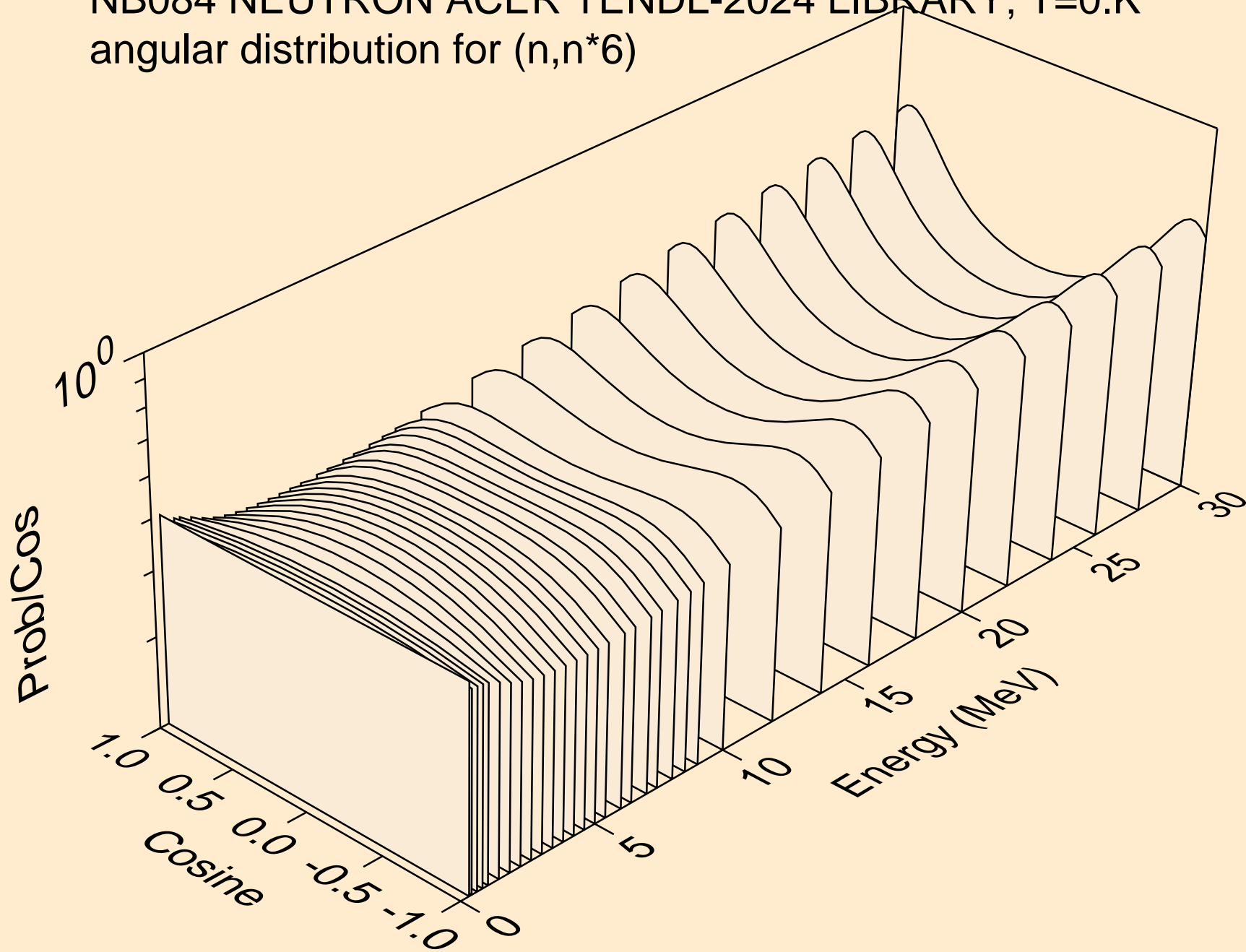
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



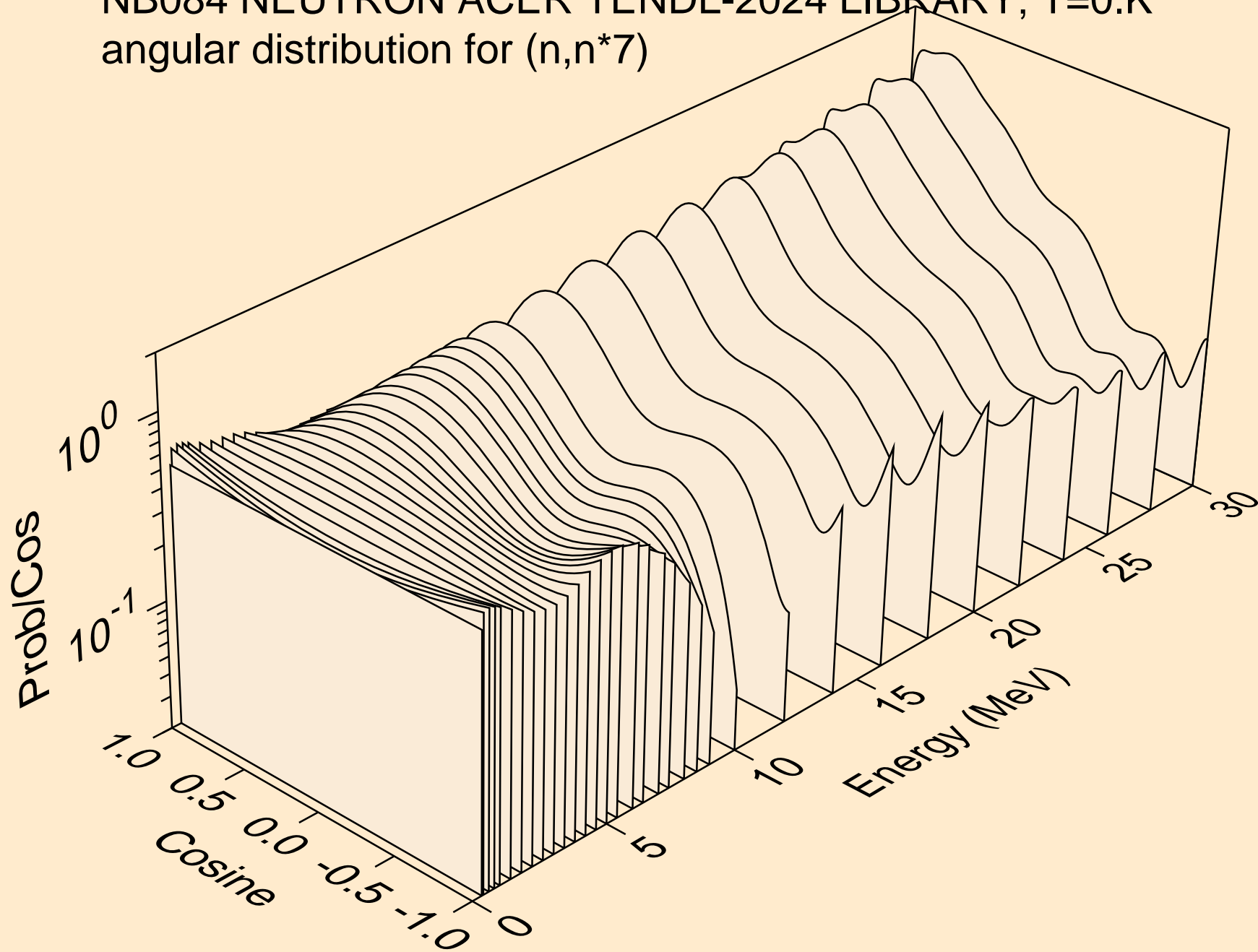
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



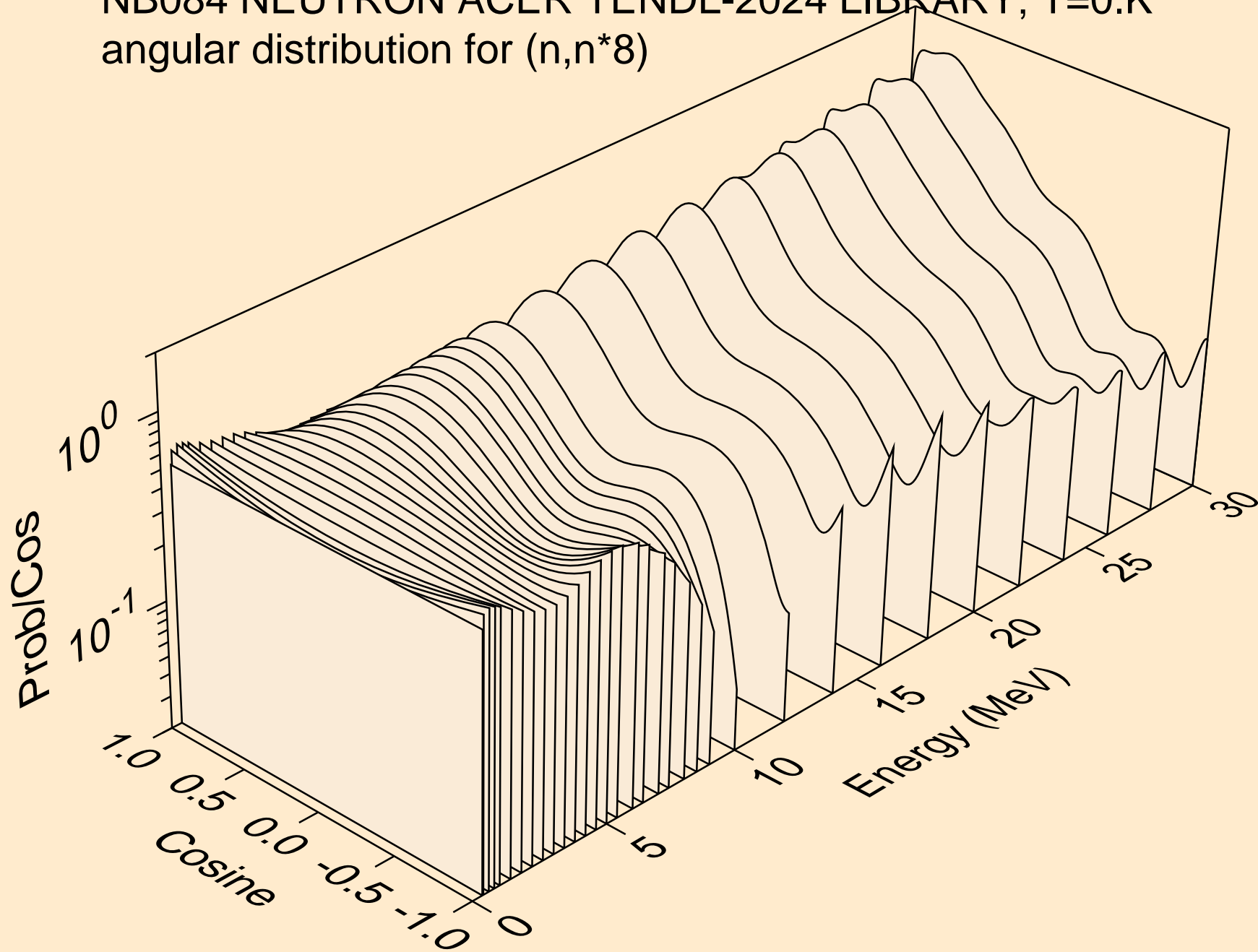
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

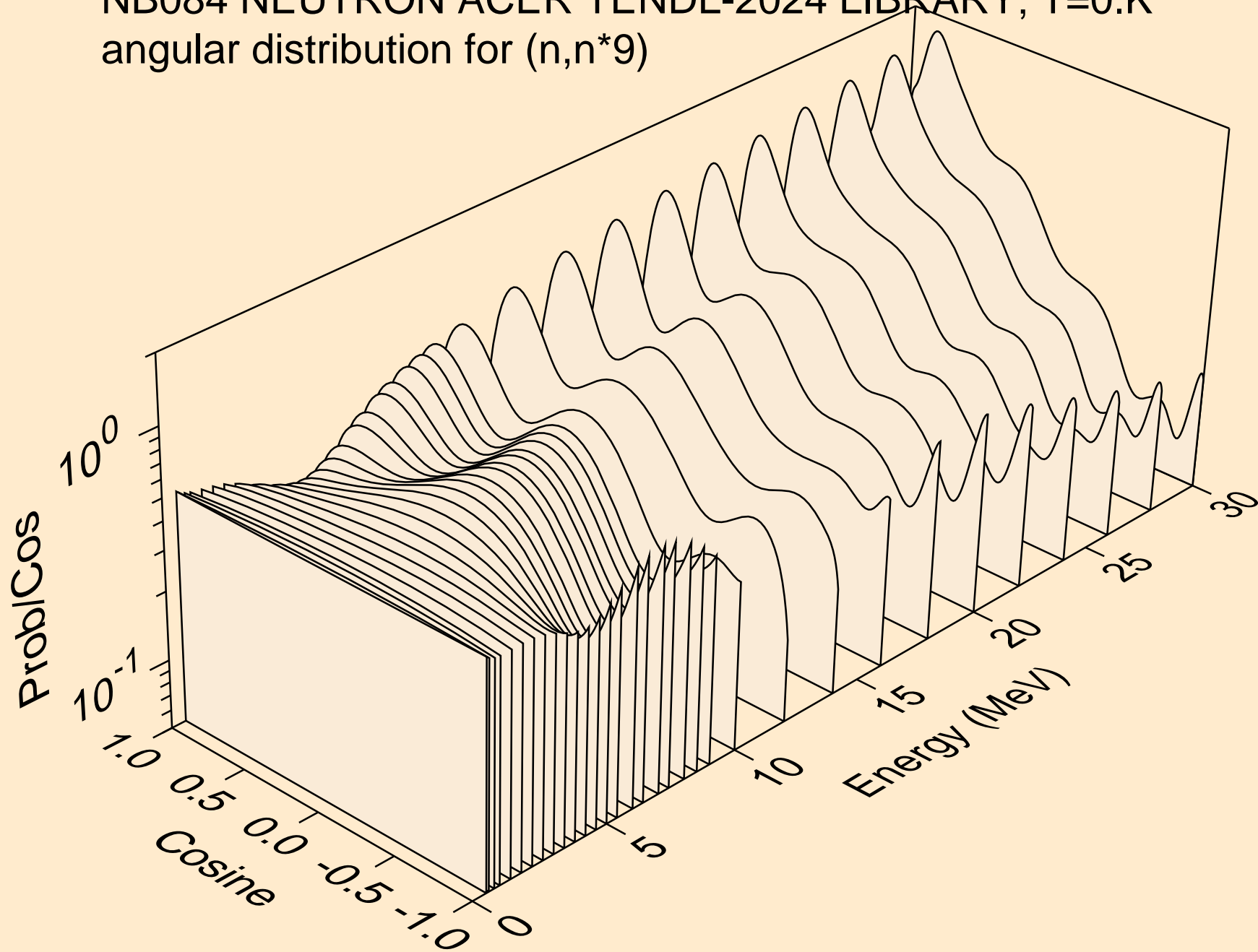


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

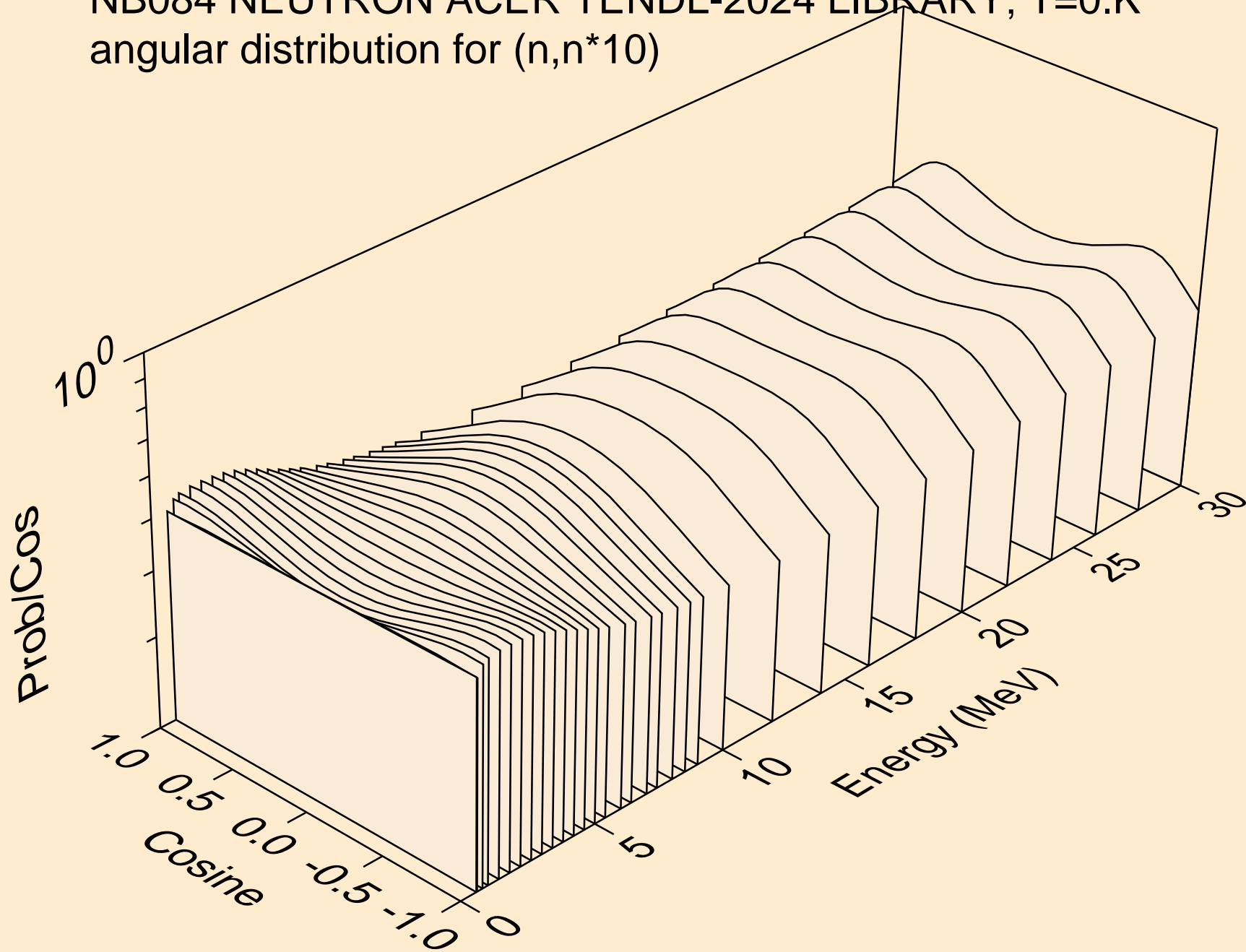




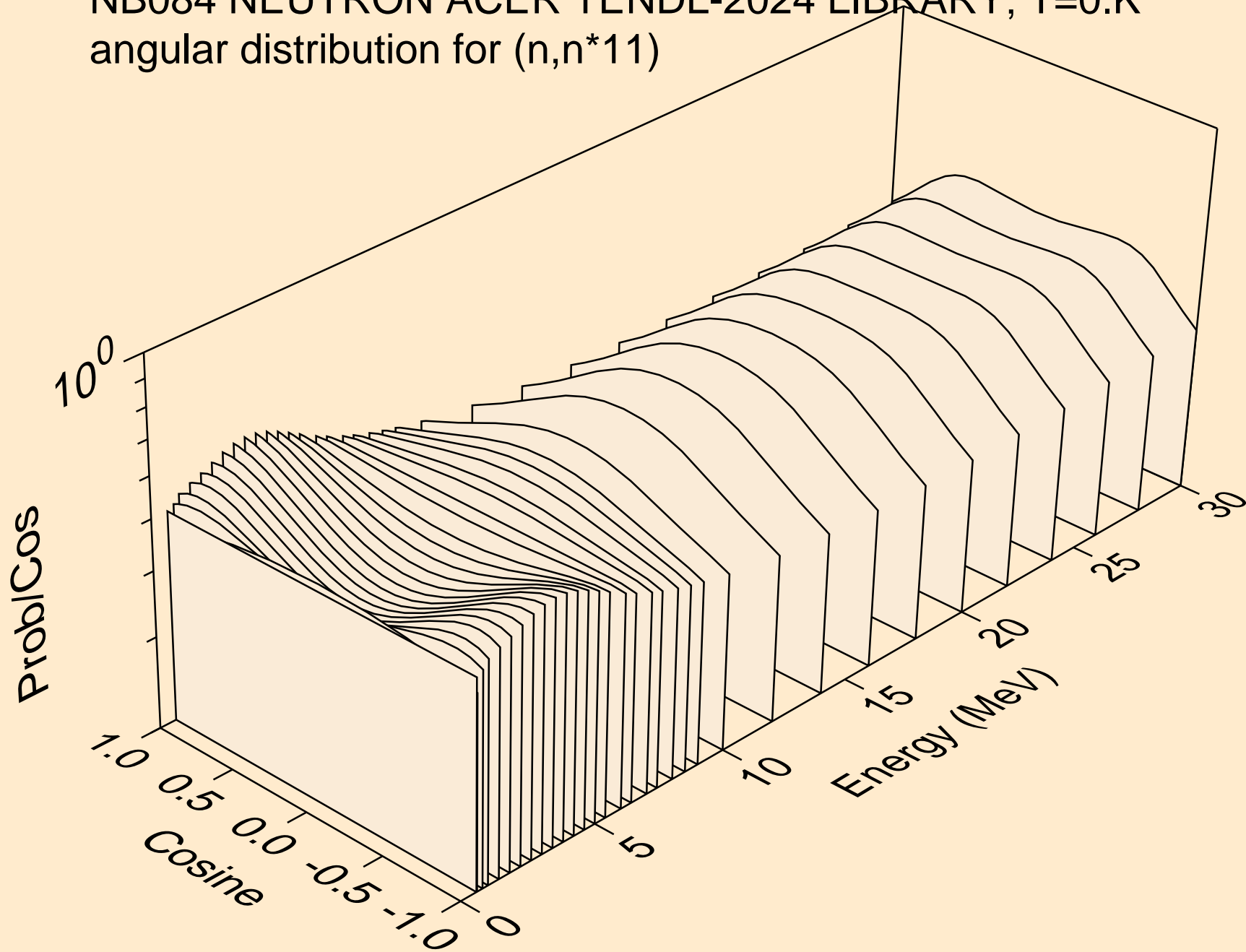
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



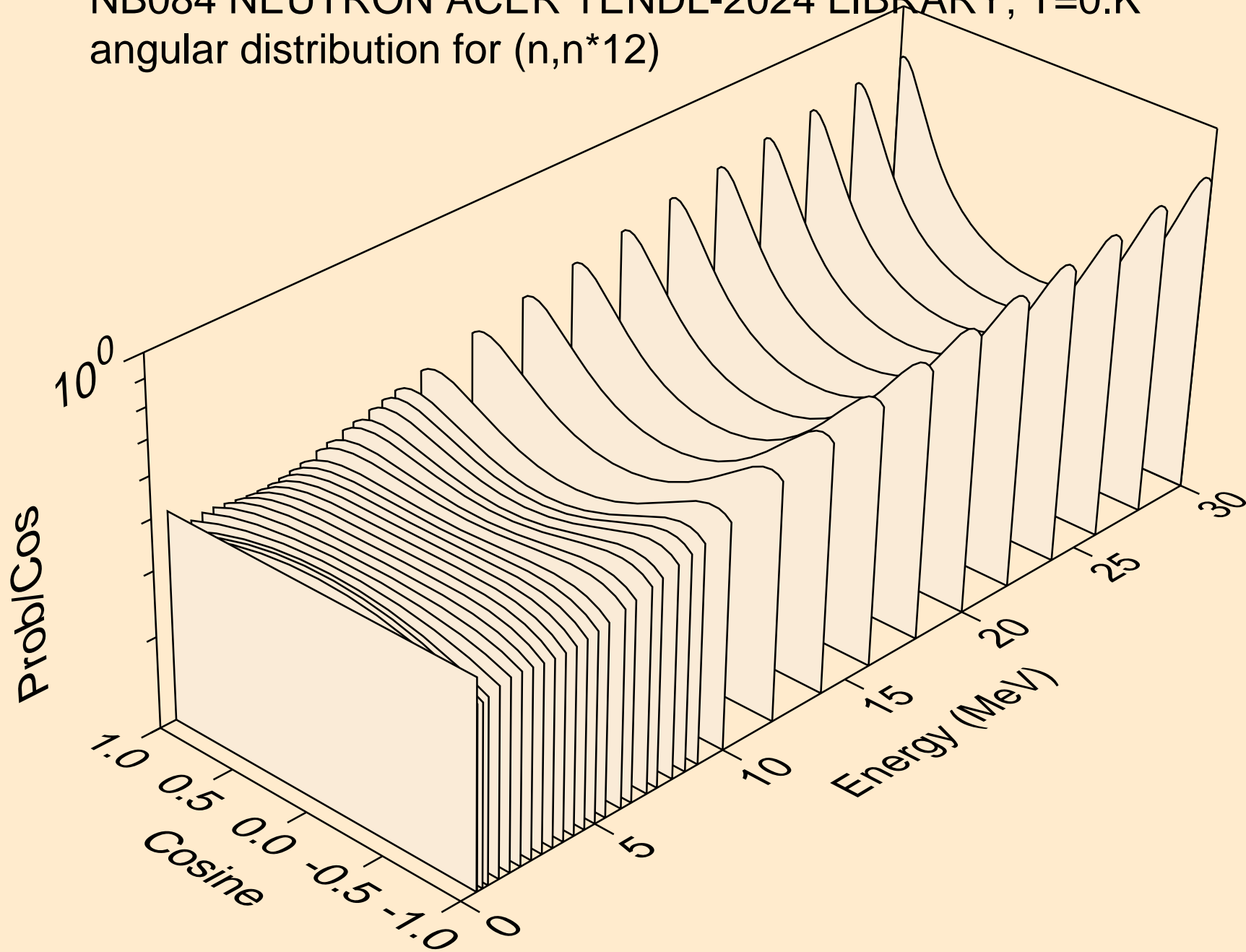
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



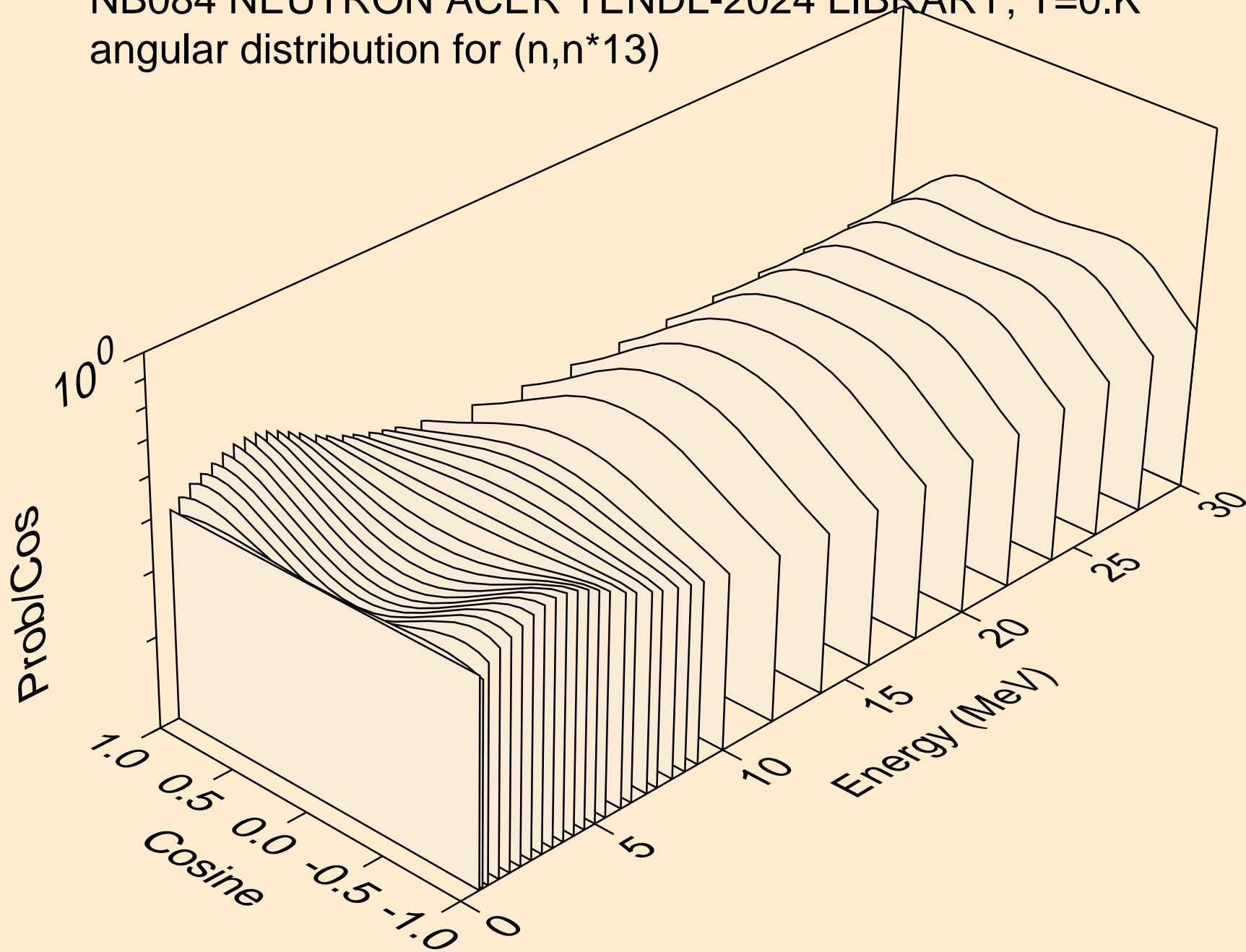
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angular distribution for (n,n\*11)



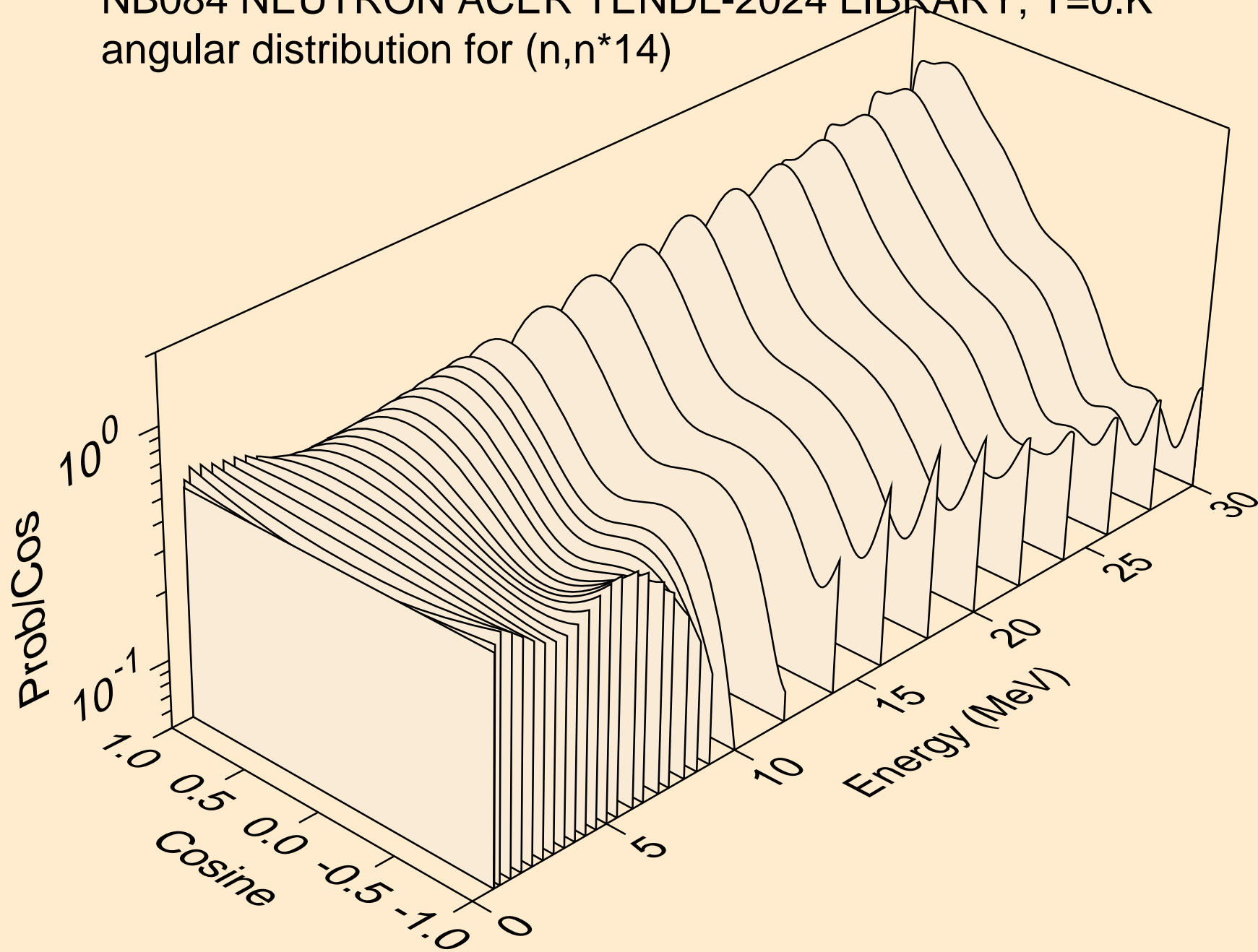
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



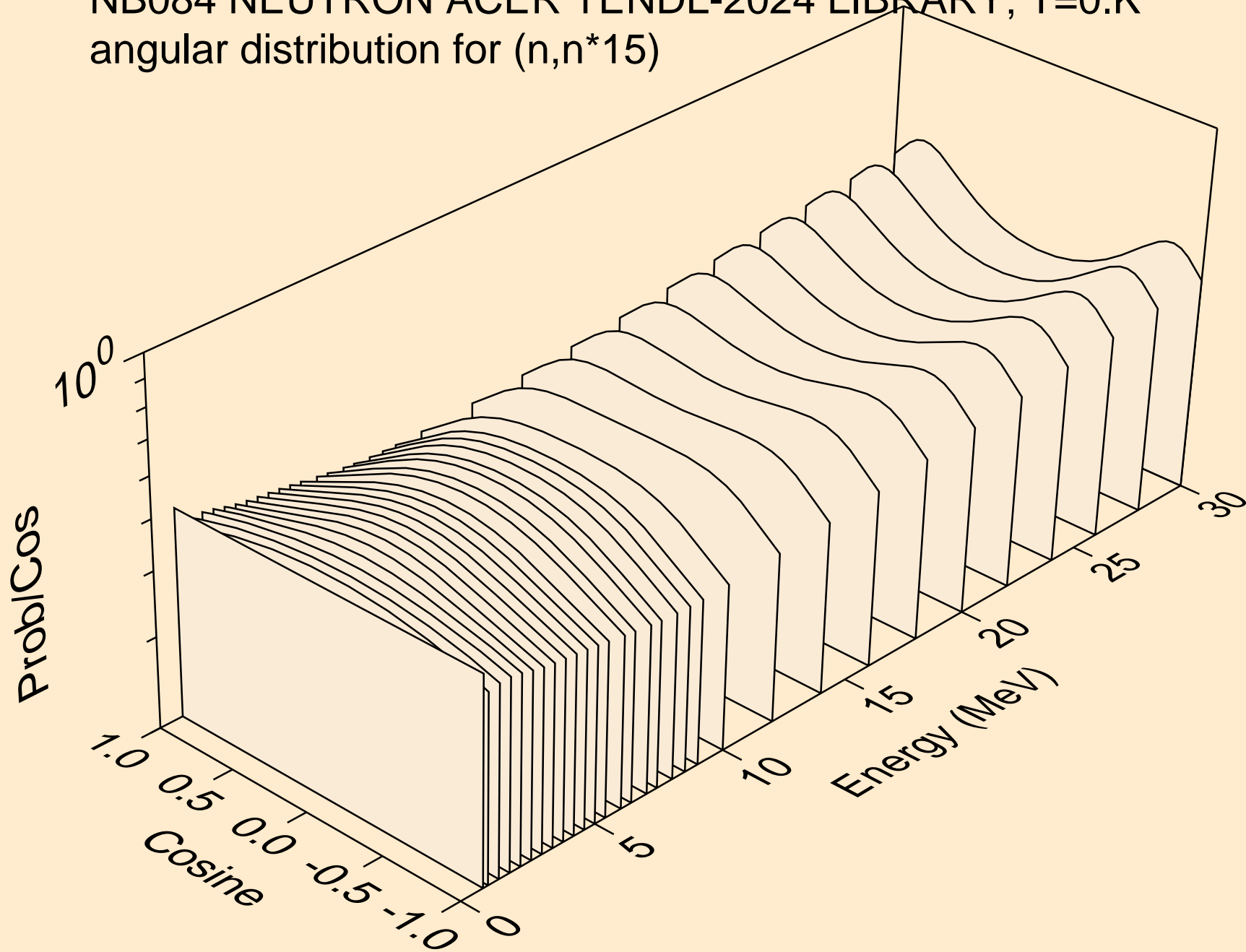
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



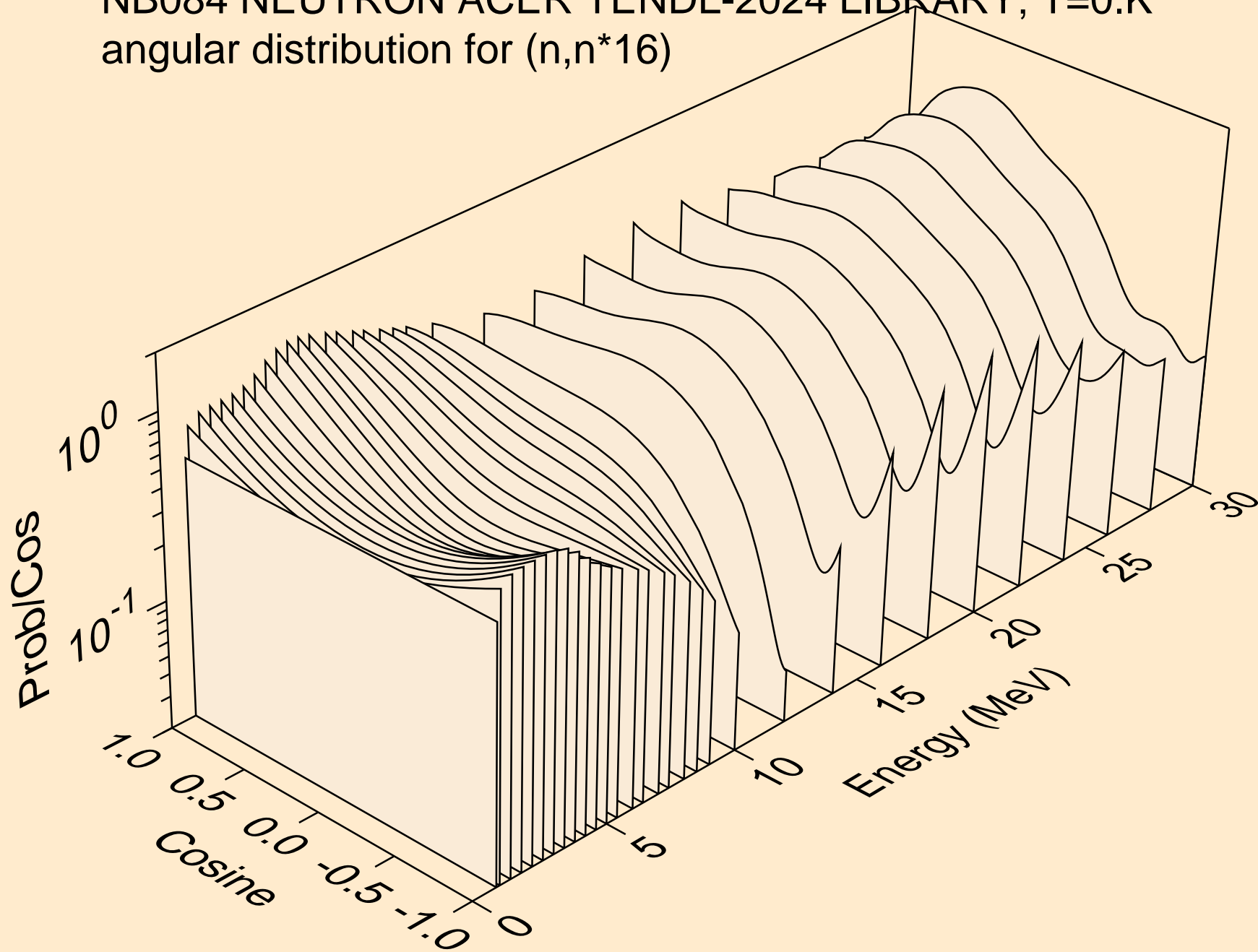
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

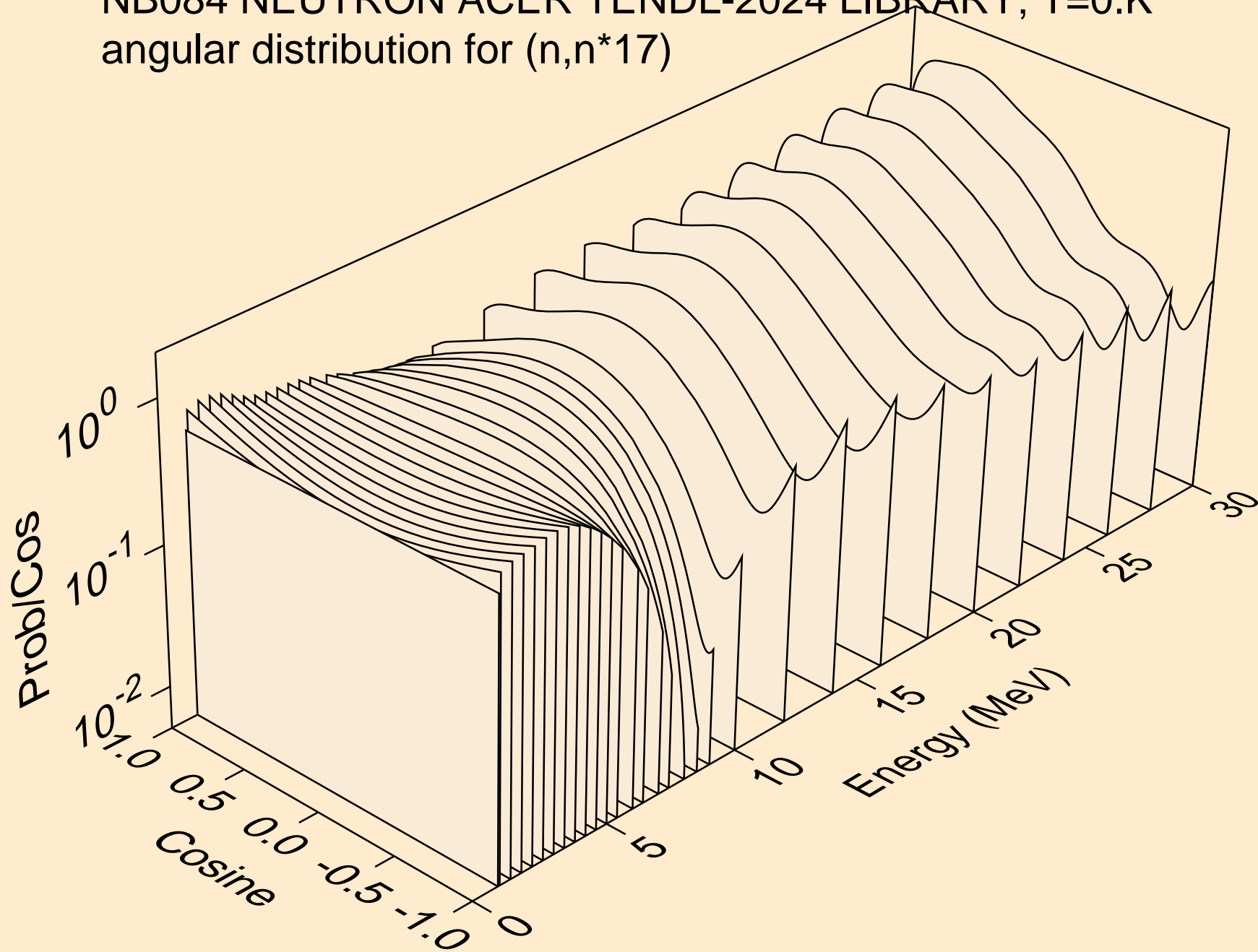


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

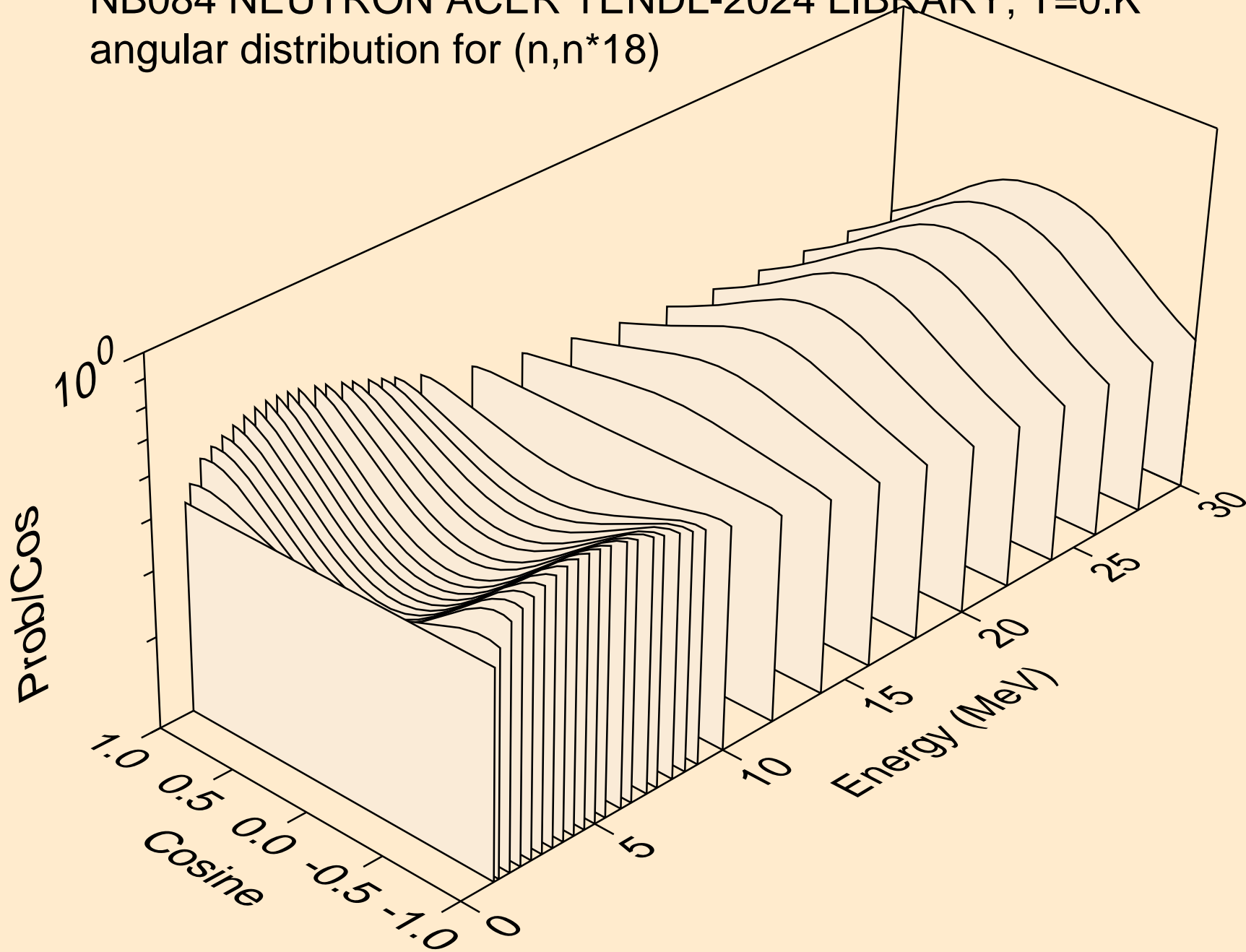




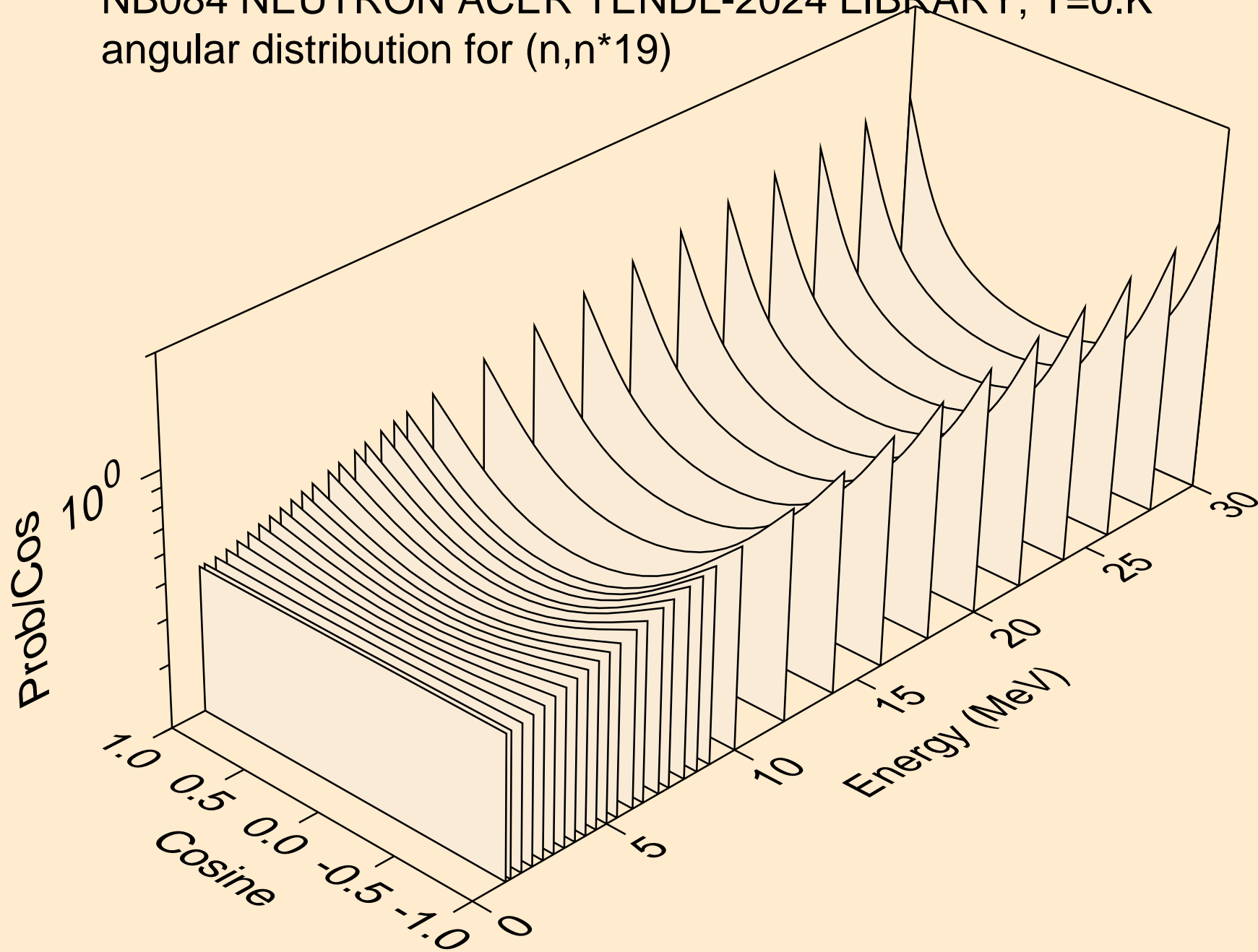
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angular distribution for (n,n\*17)



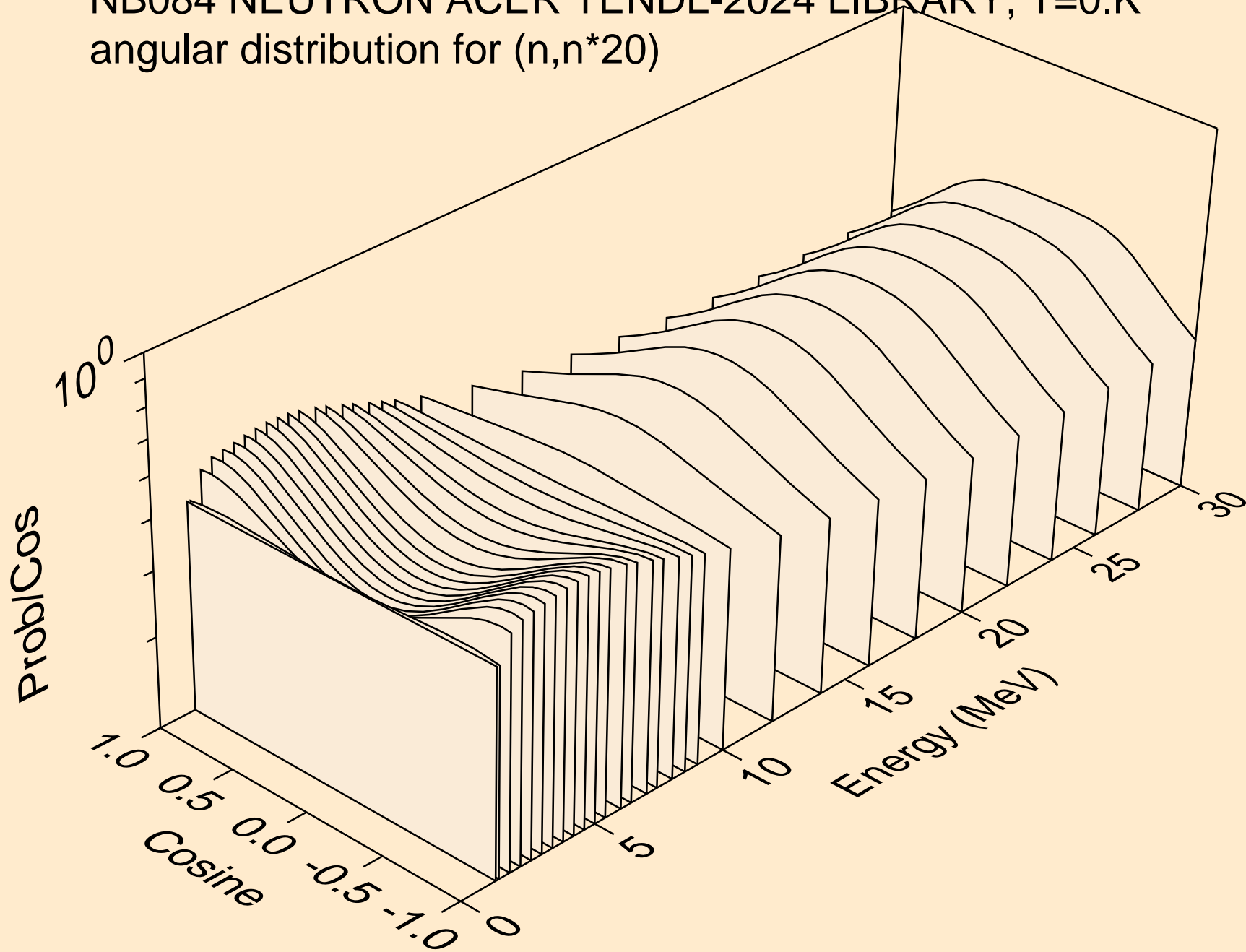
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angular distribution for (n,n\*18)



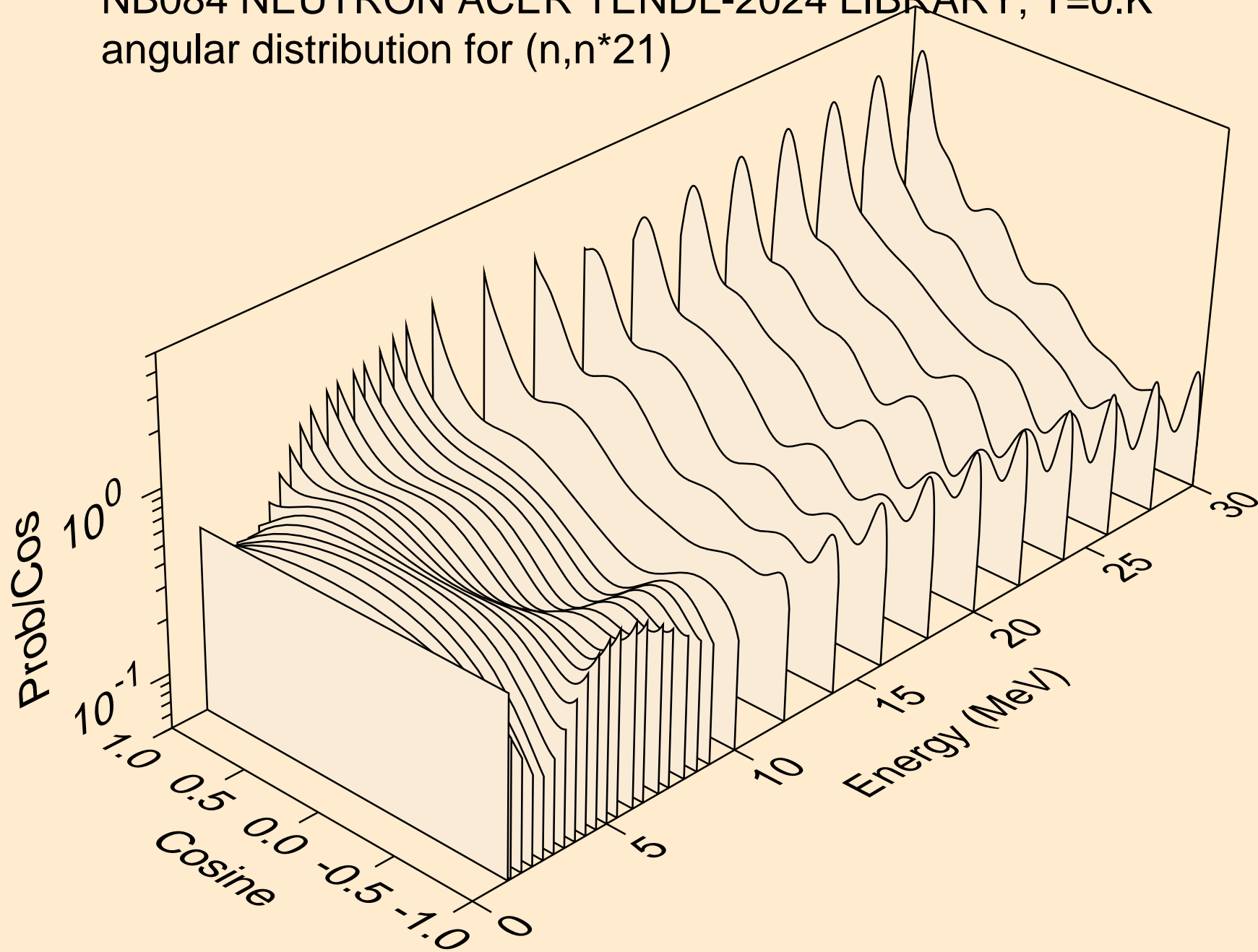
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angular distribution for (n,n\*19)



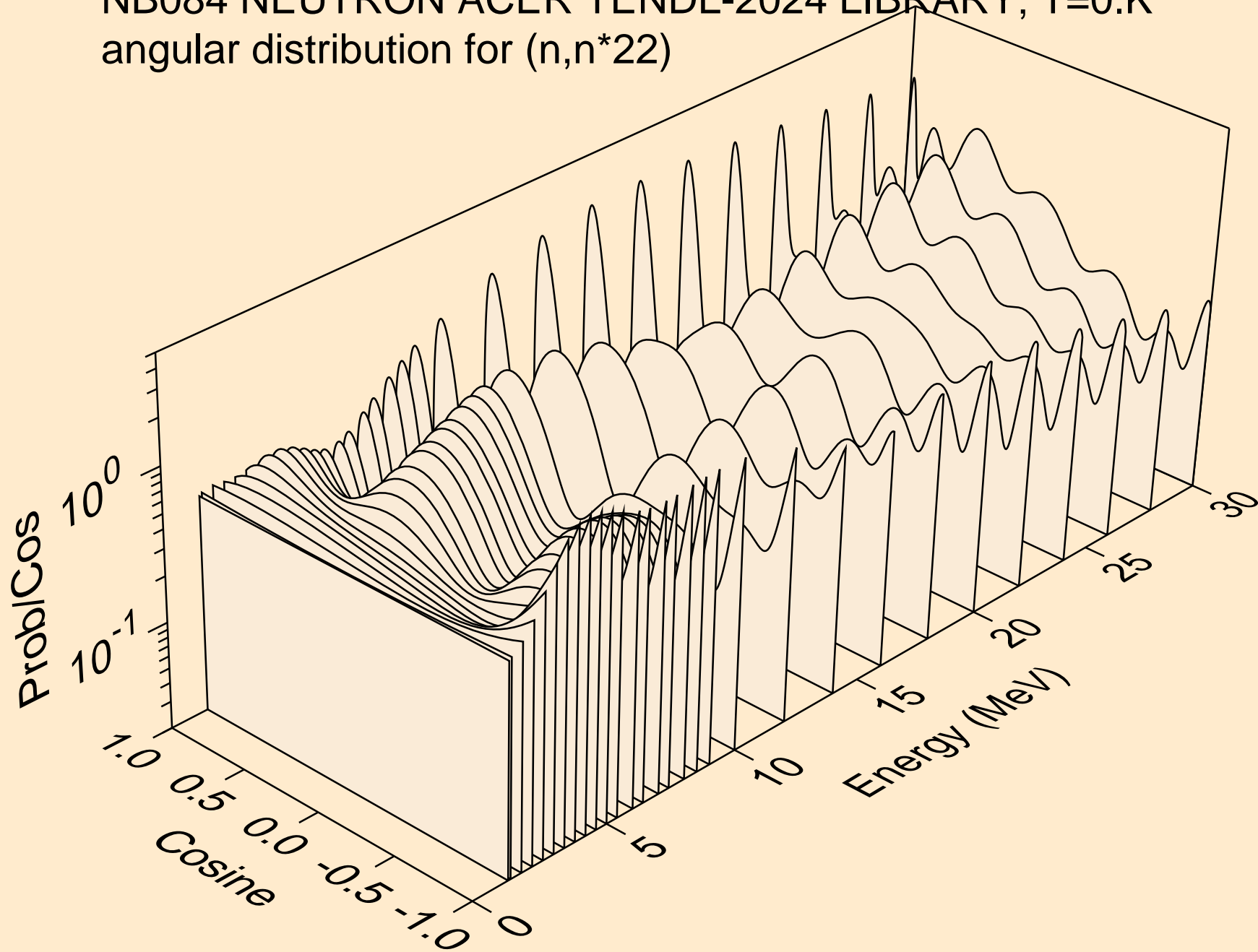
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angular distribution for (n,n\*20)



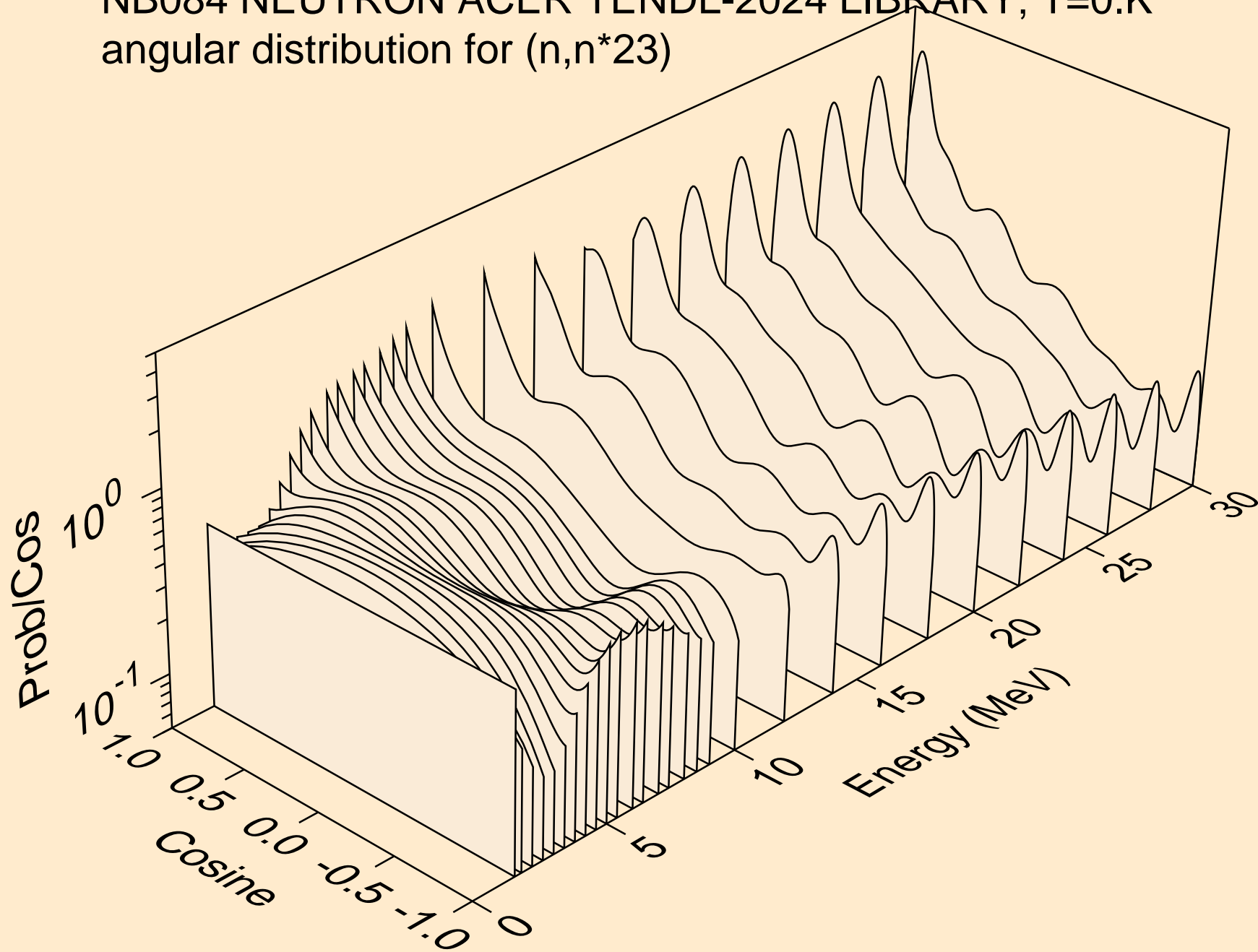
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



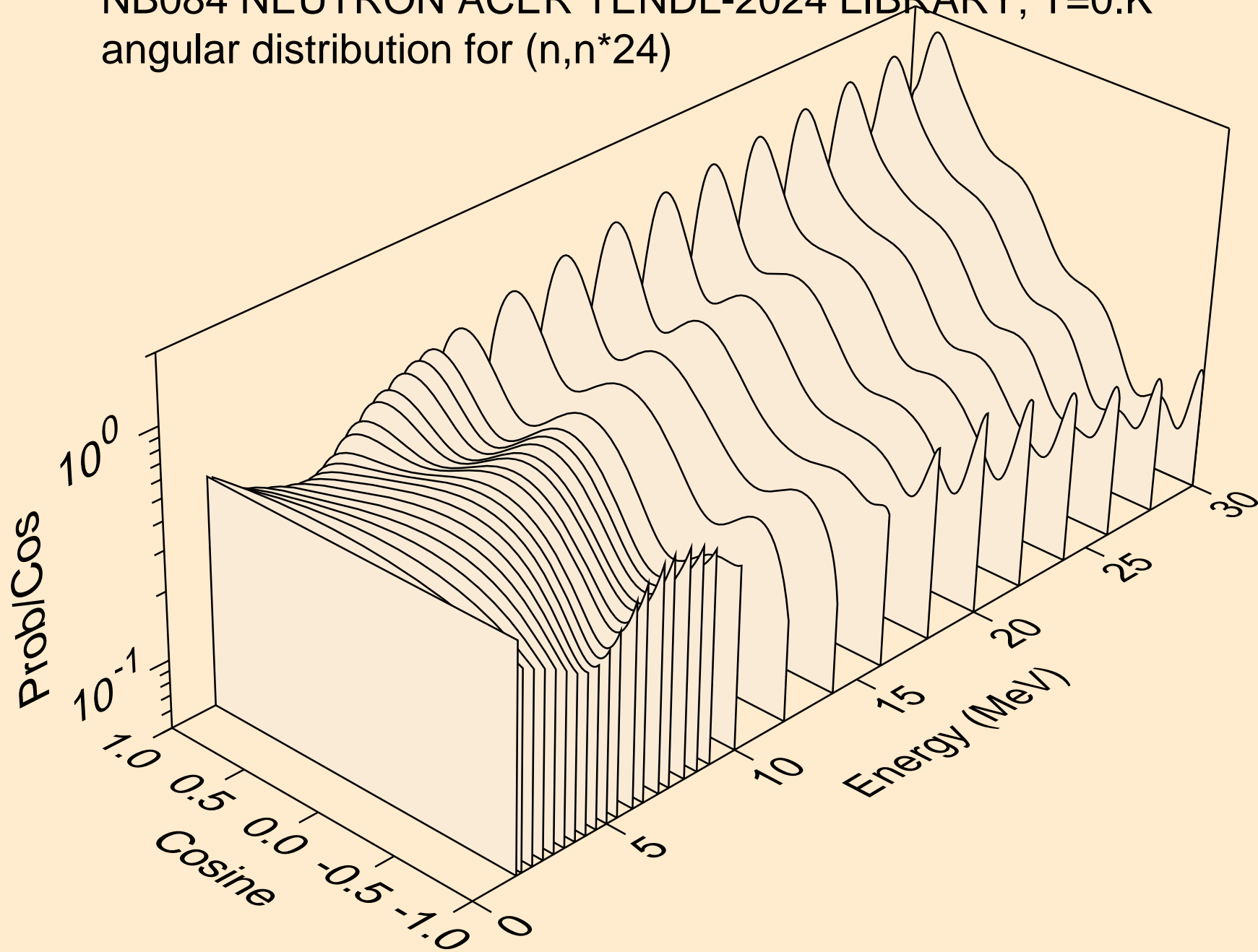
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

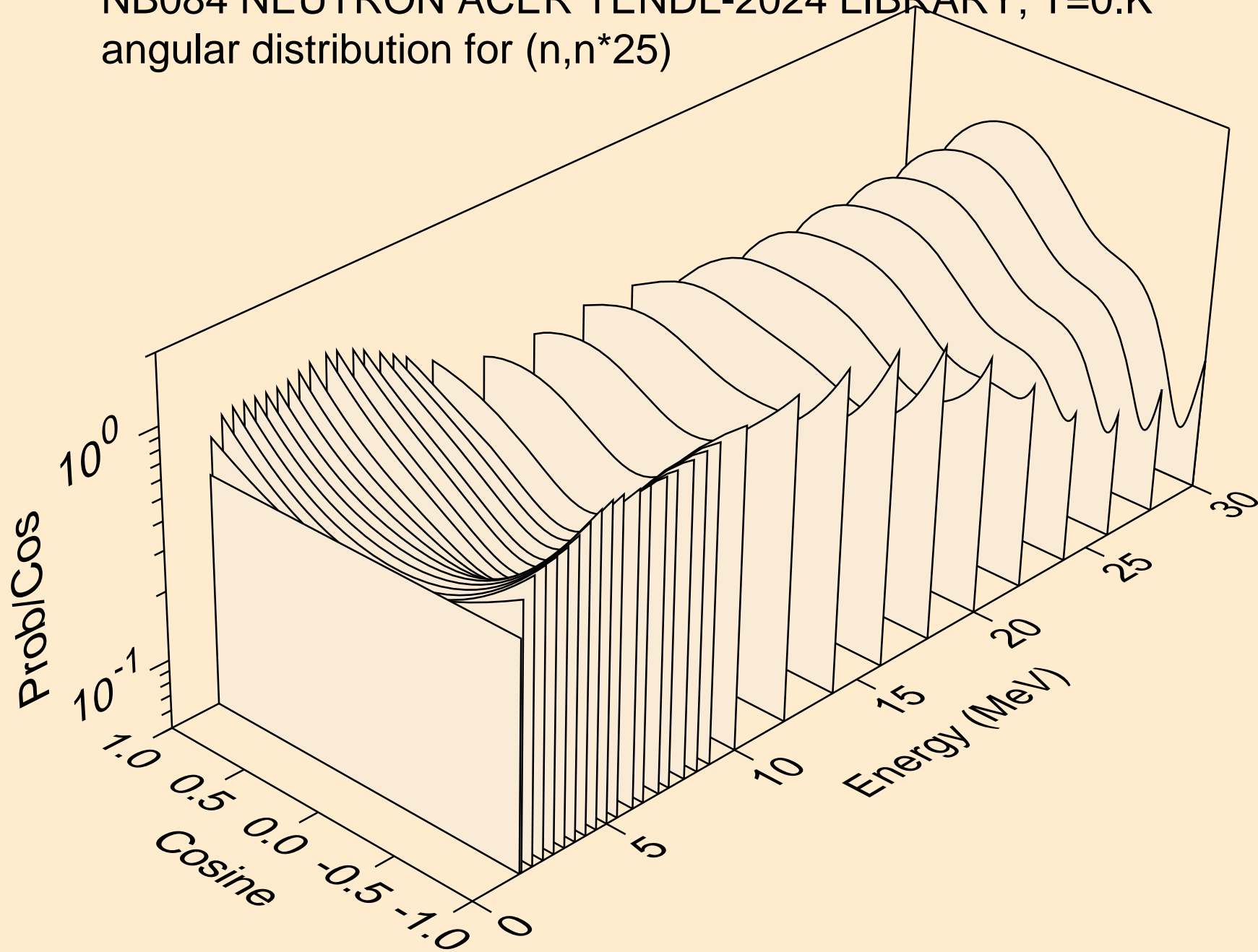


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

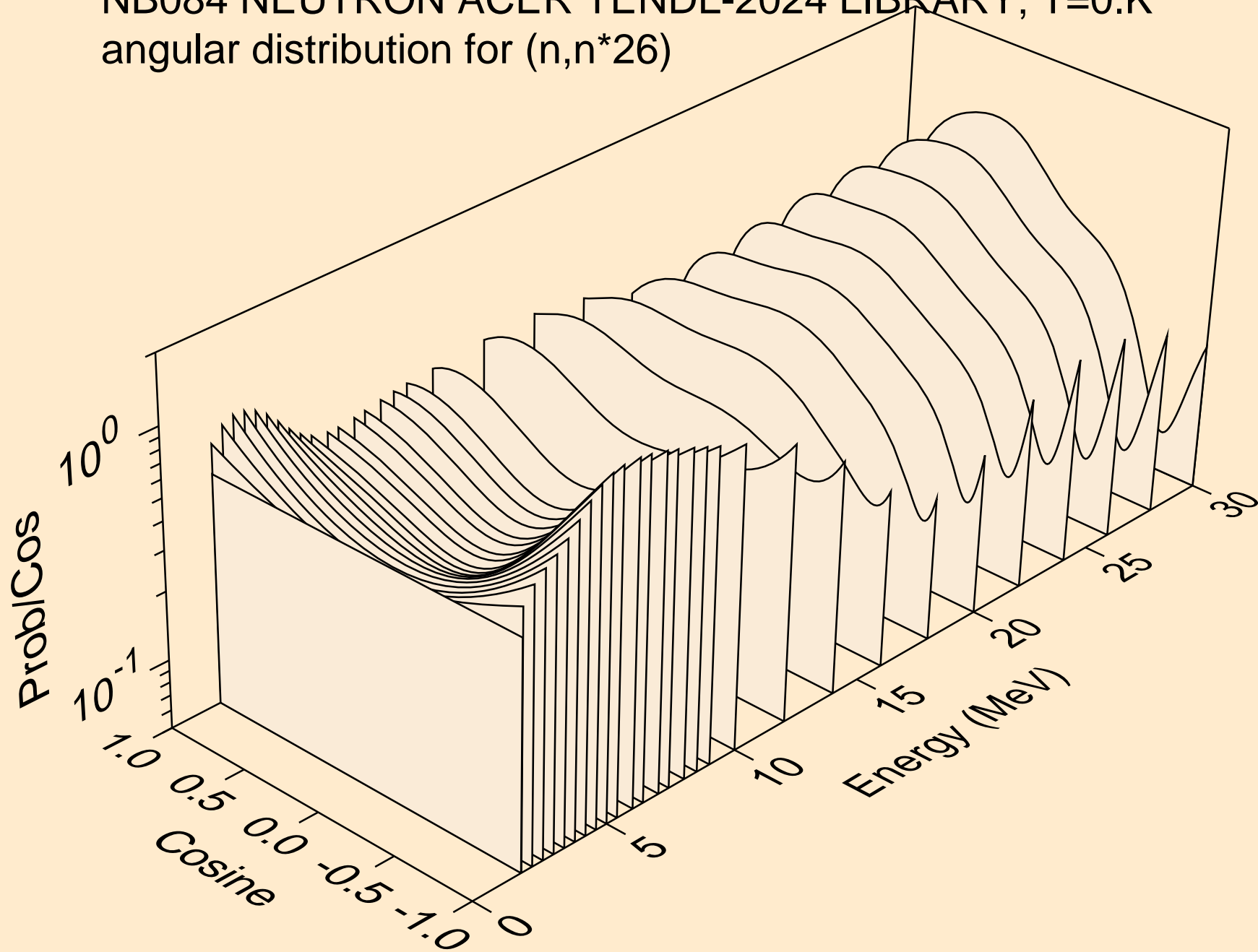




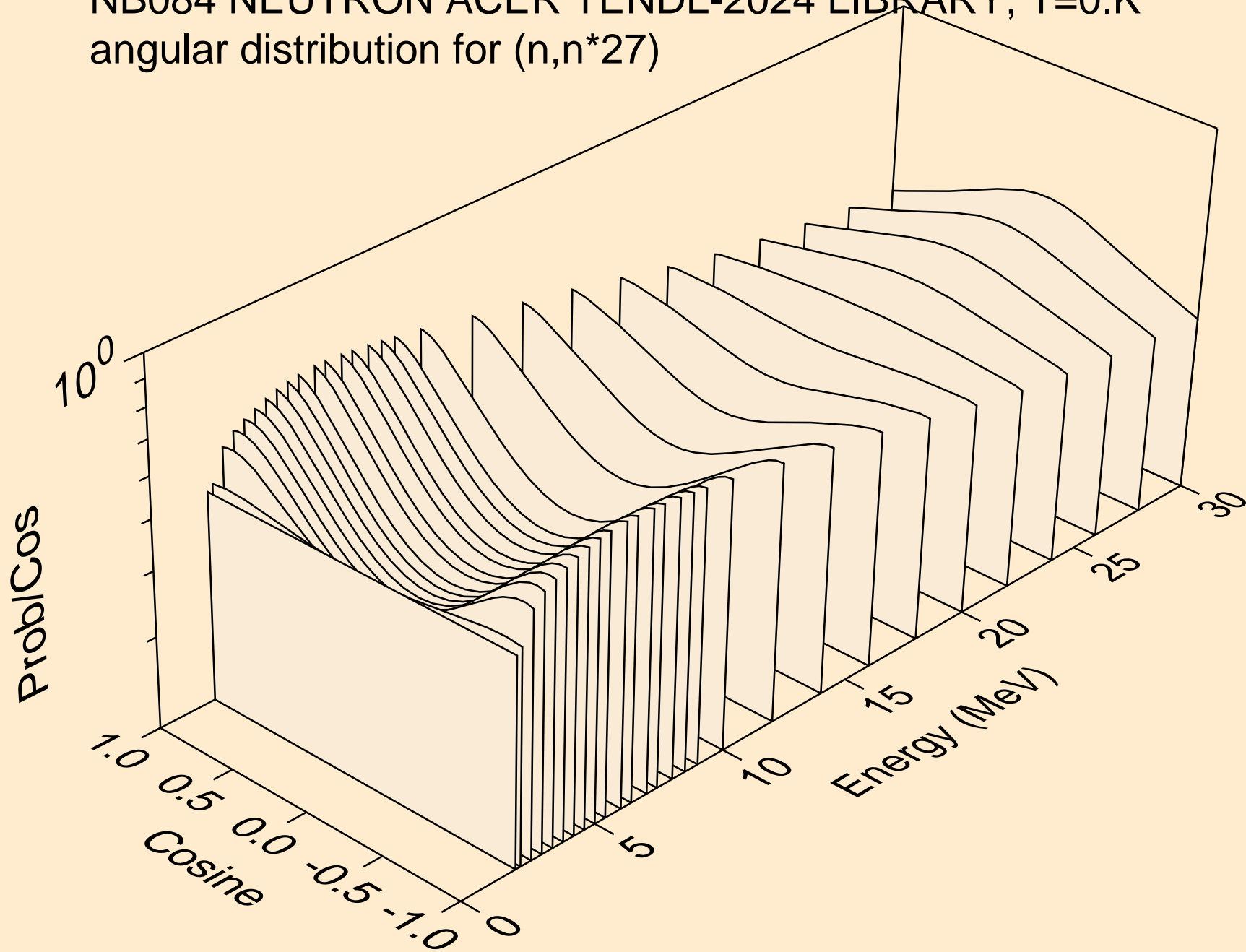
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



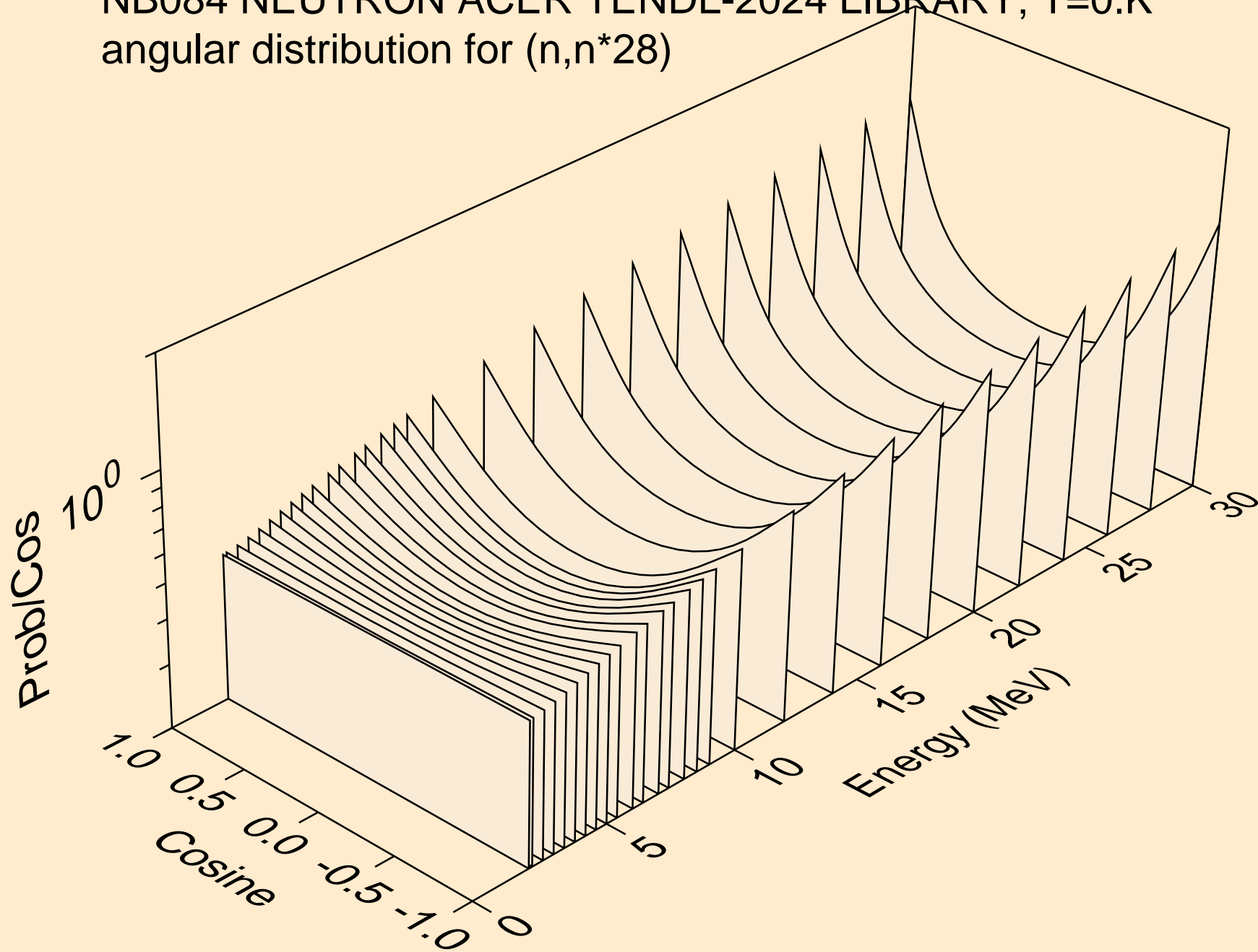
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



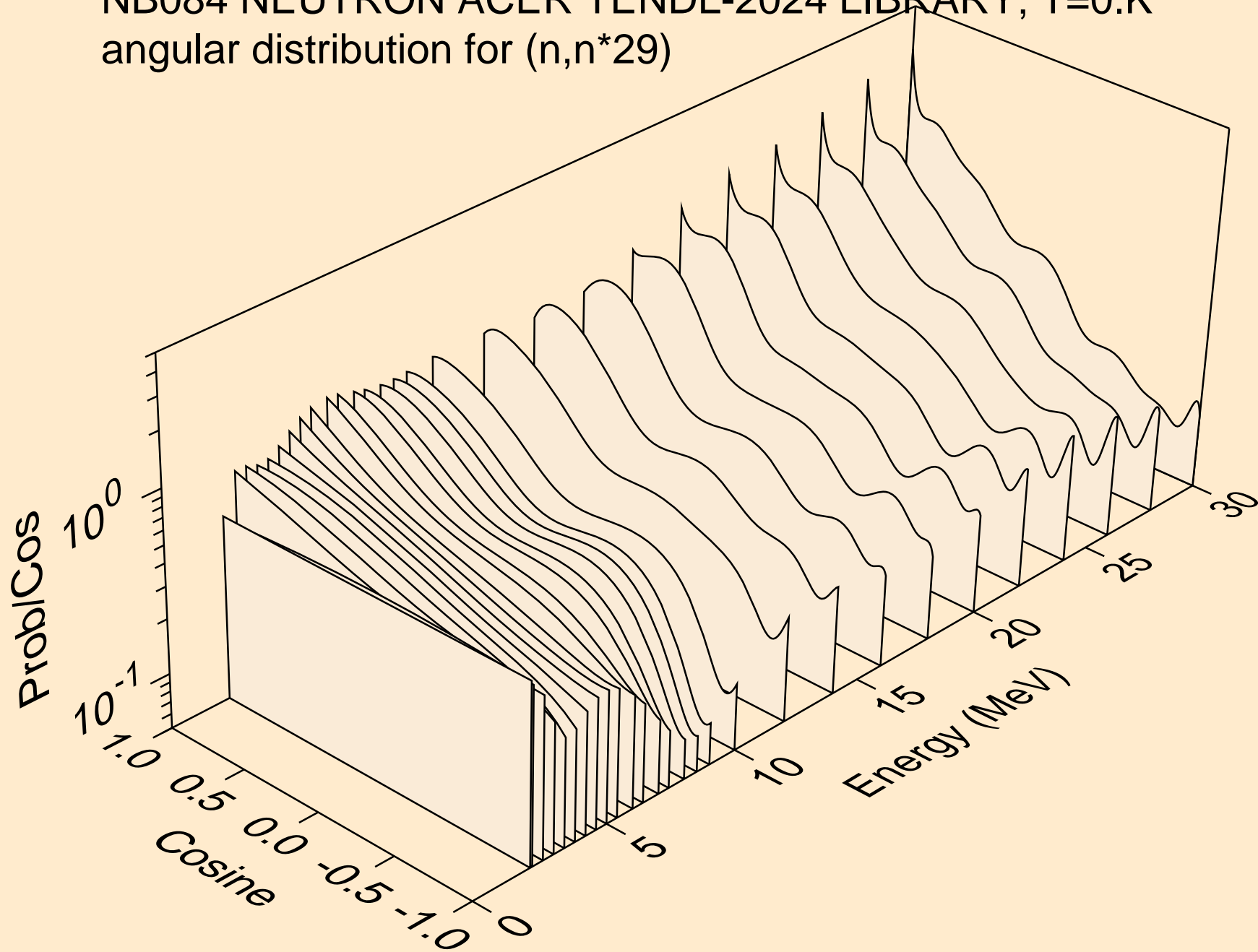
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



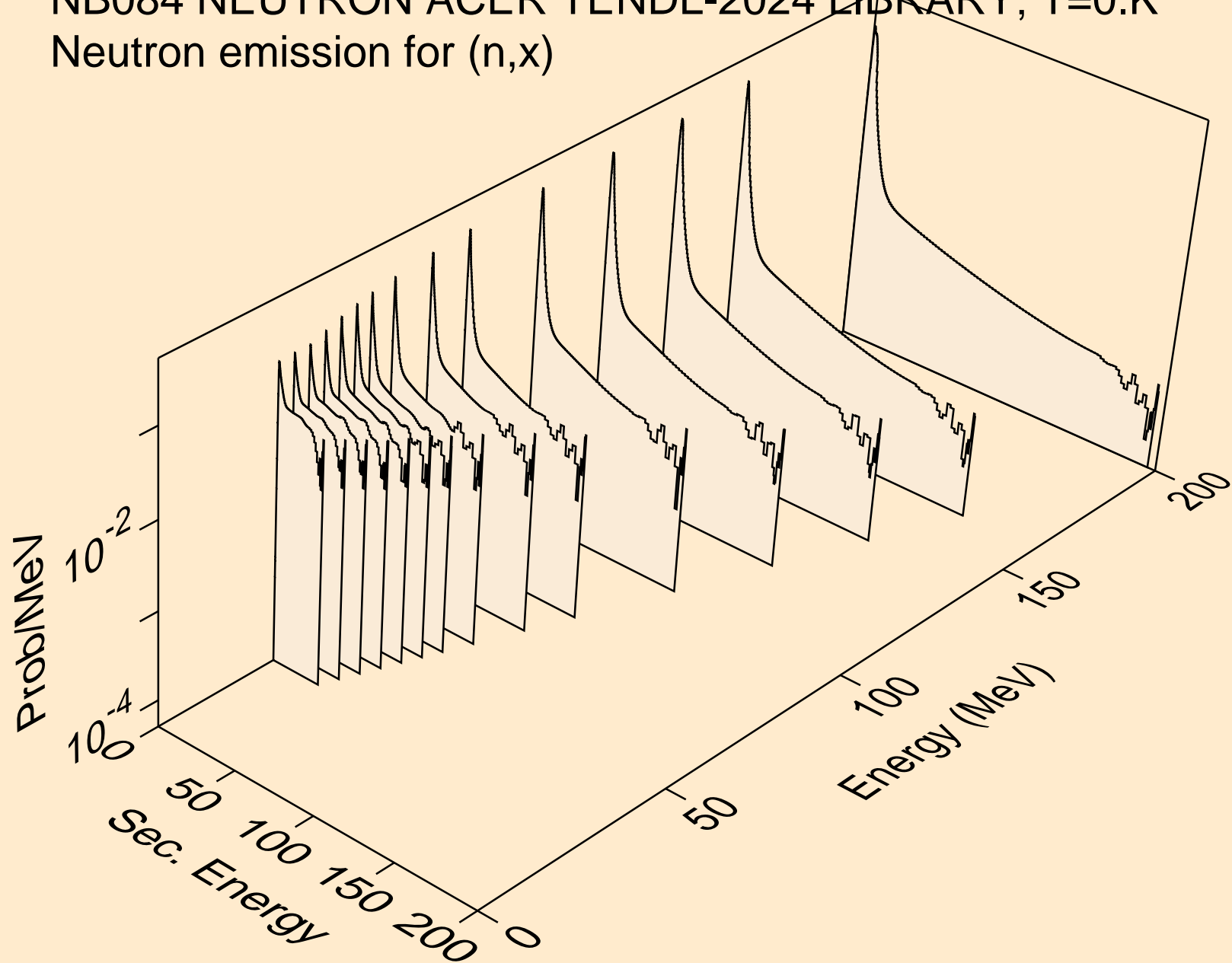
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



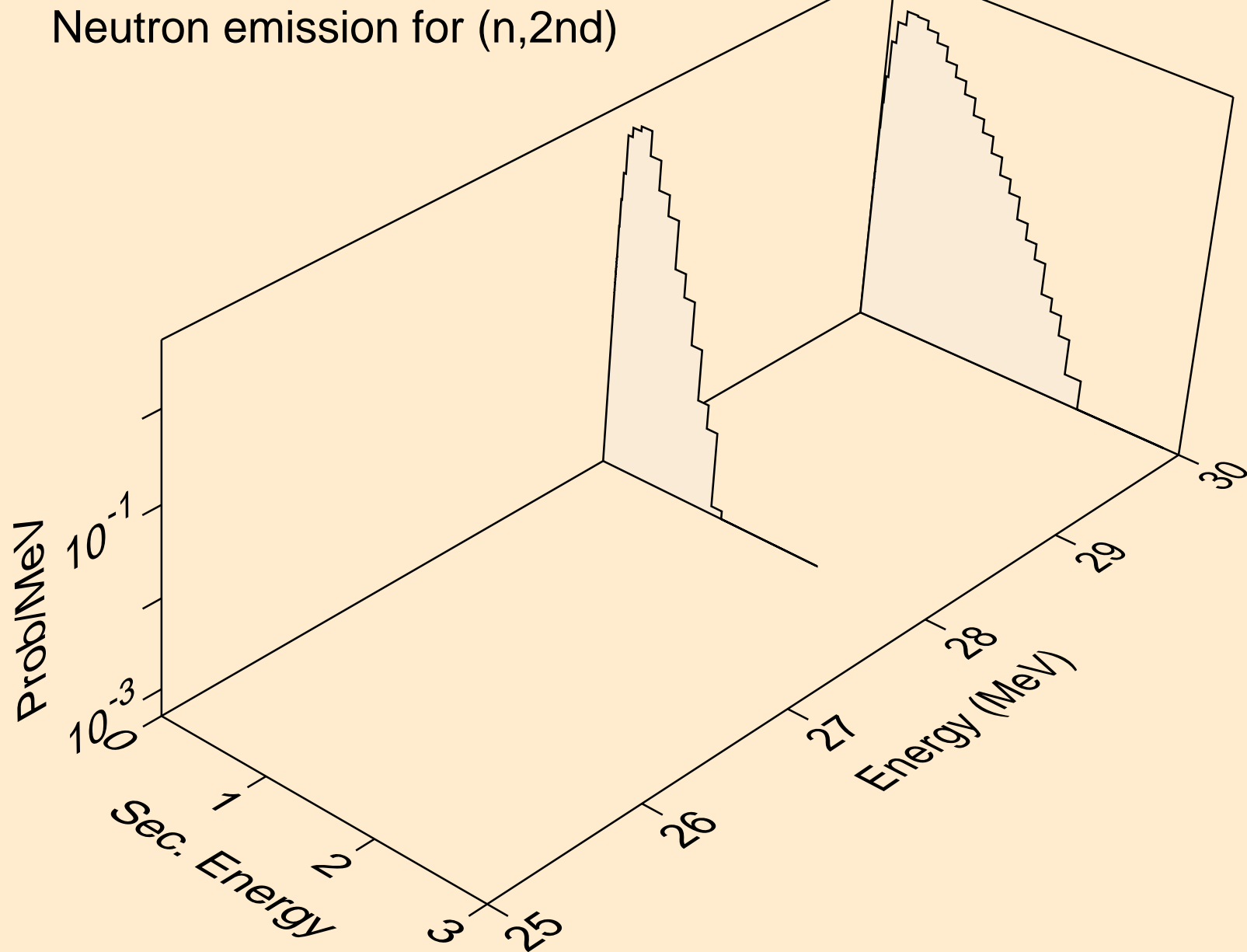
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



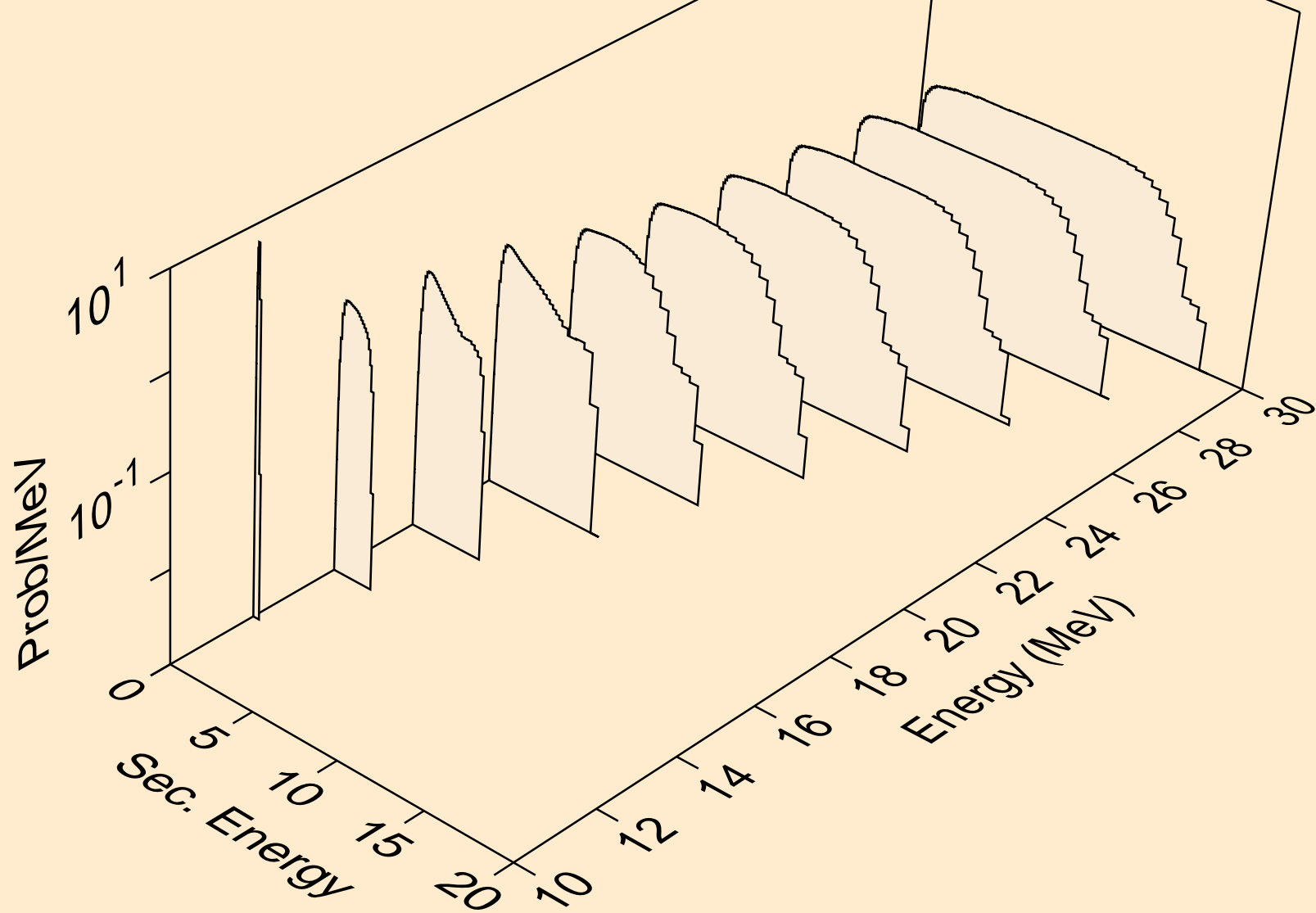
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

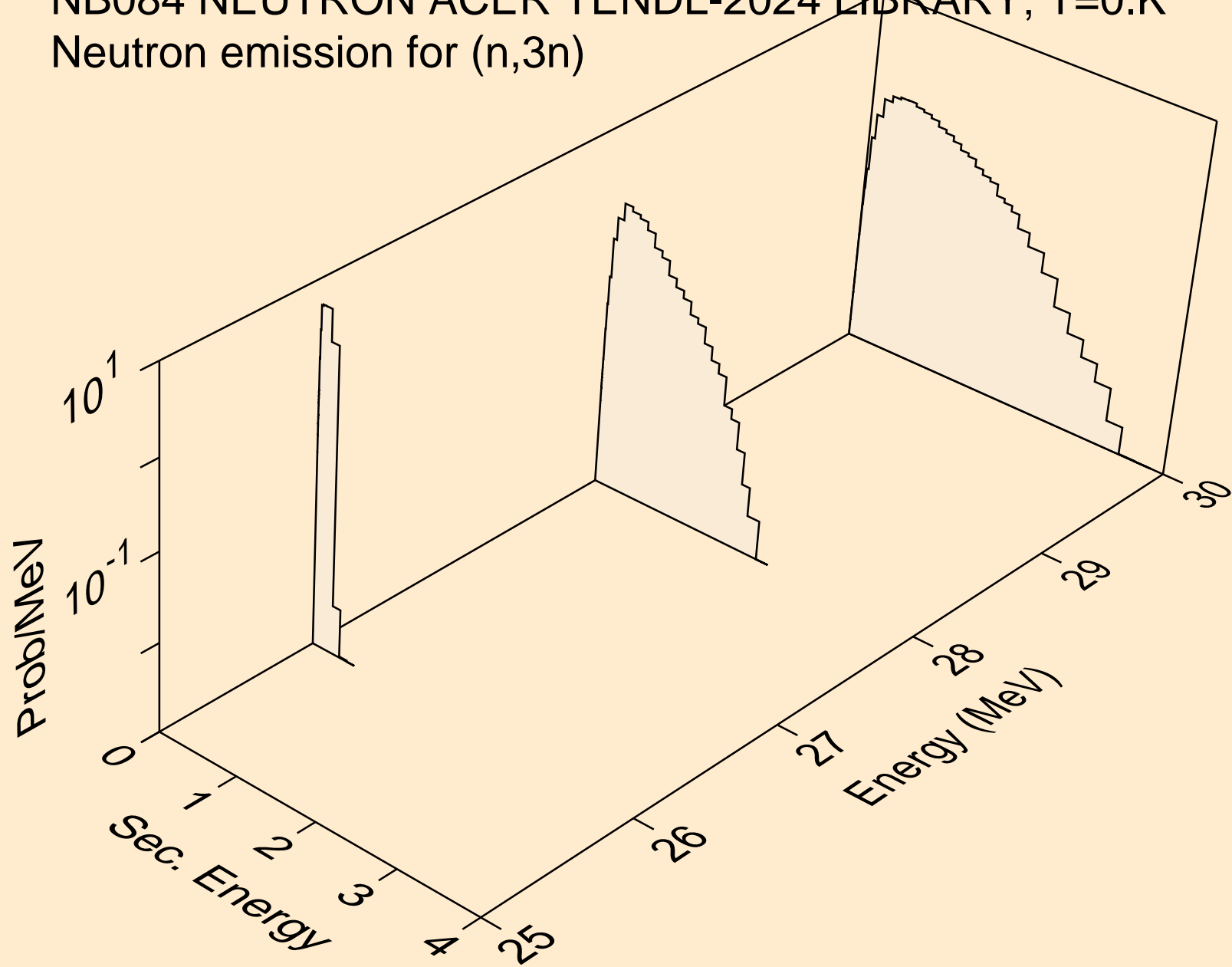


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

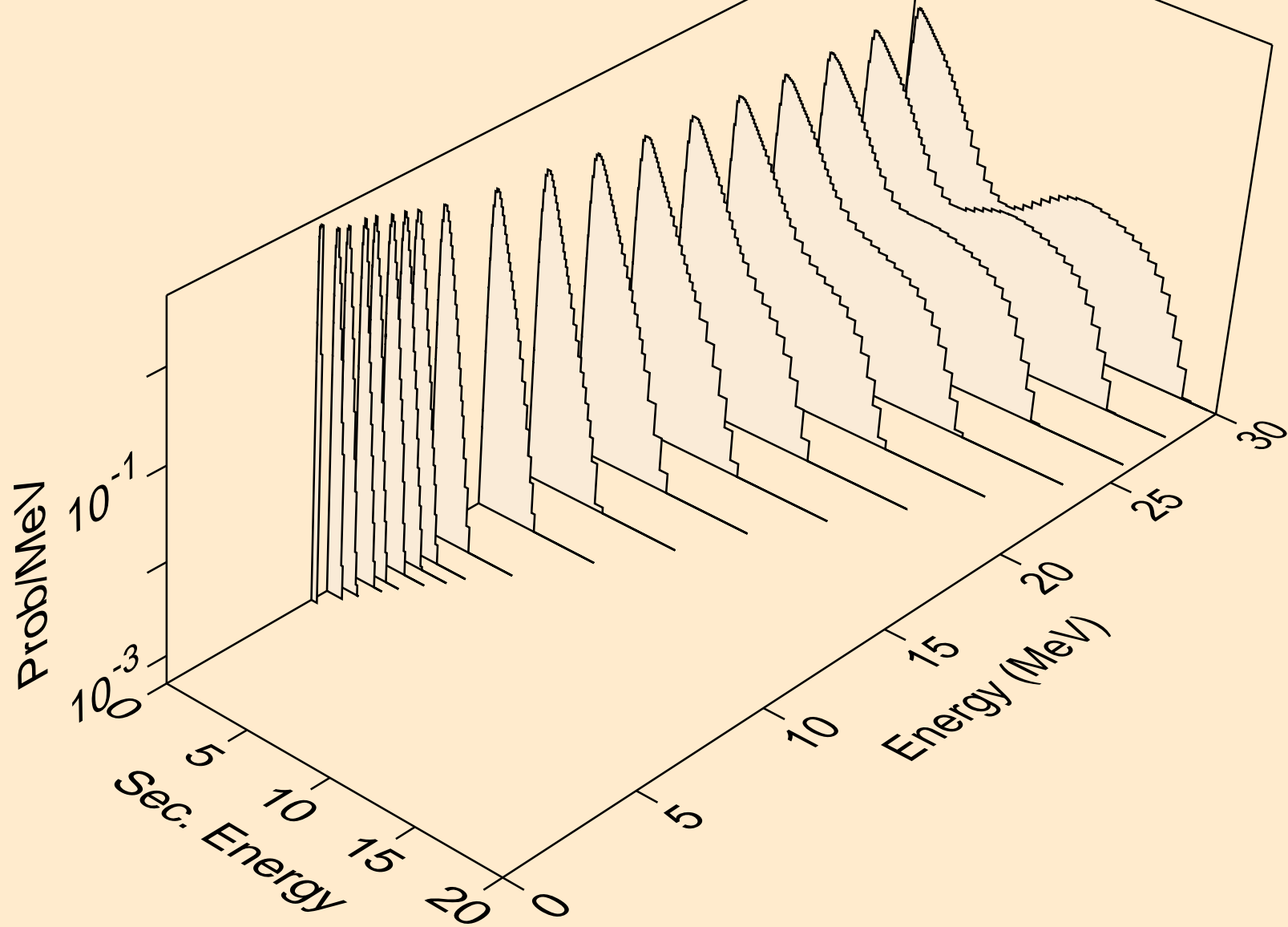




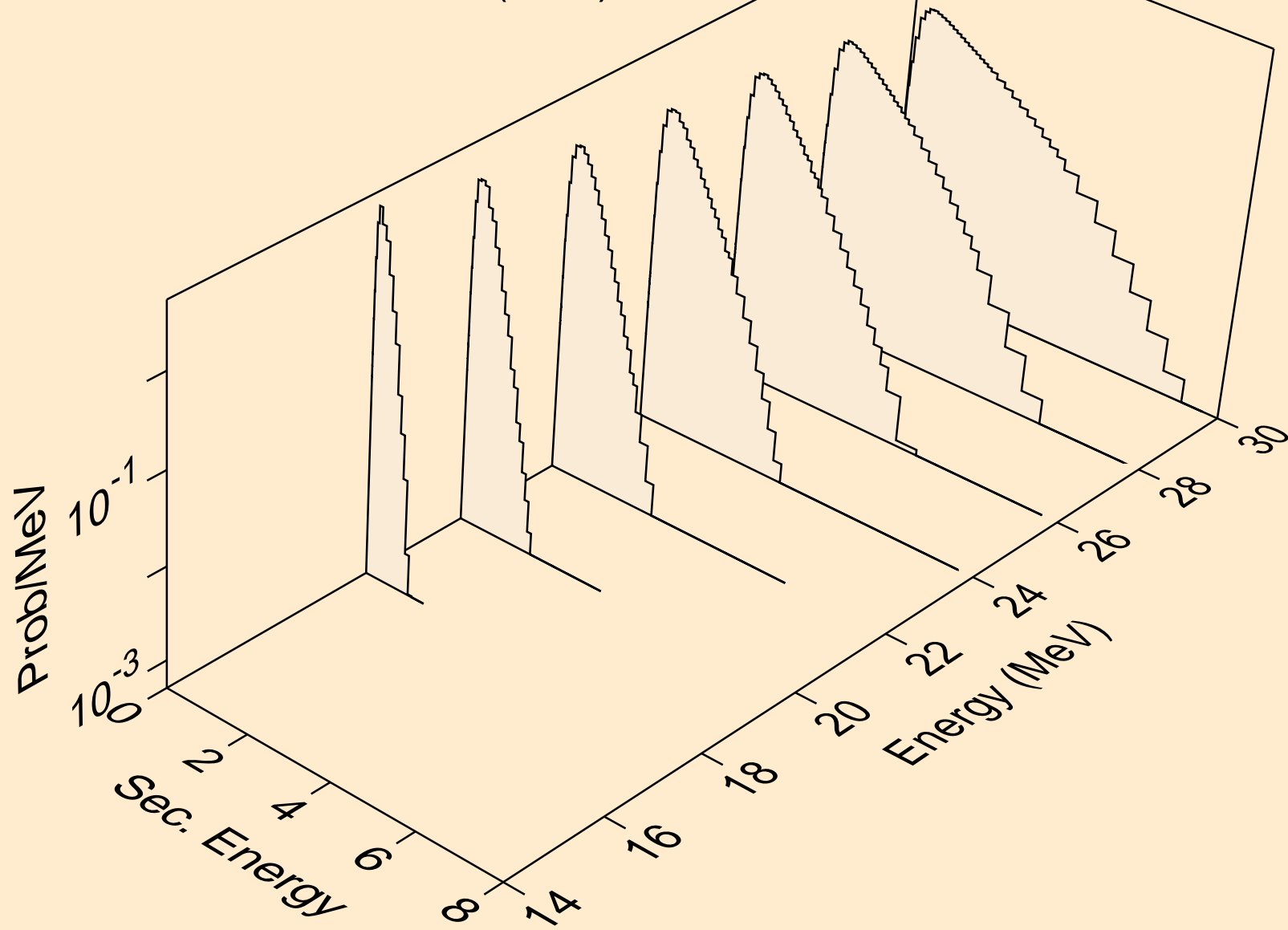
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



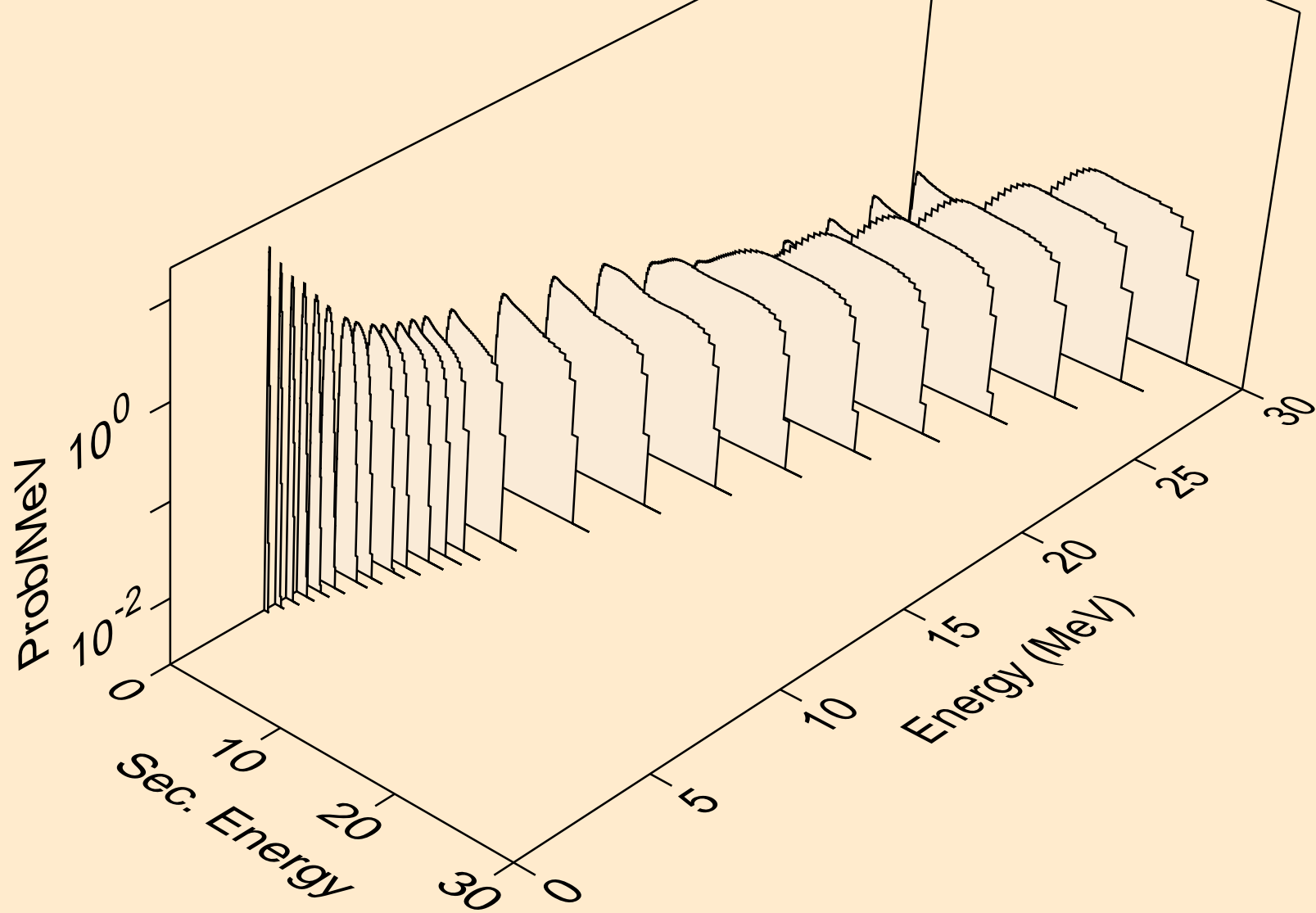
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



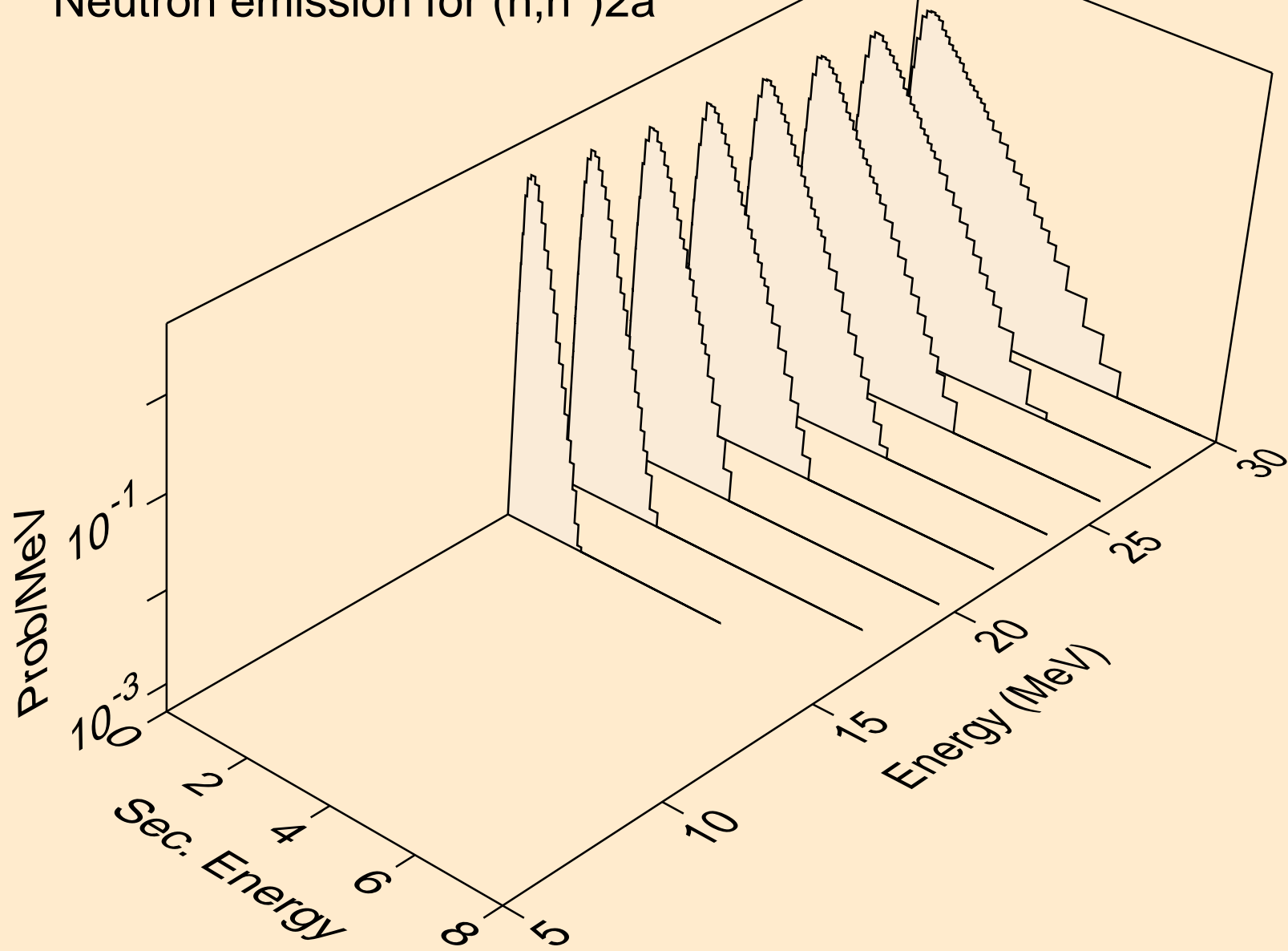
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



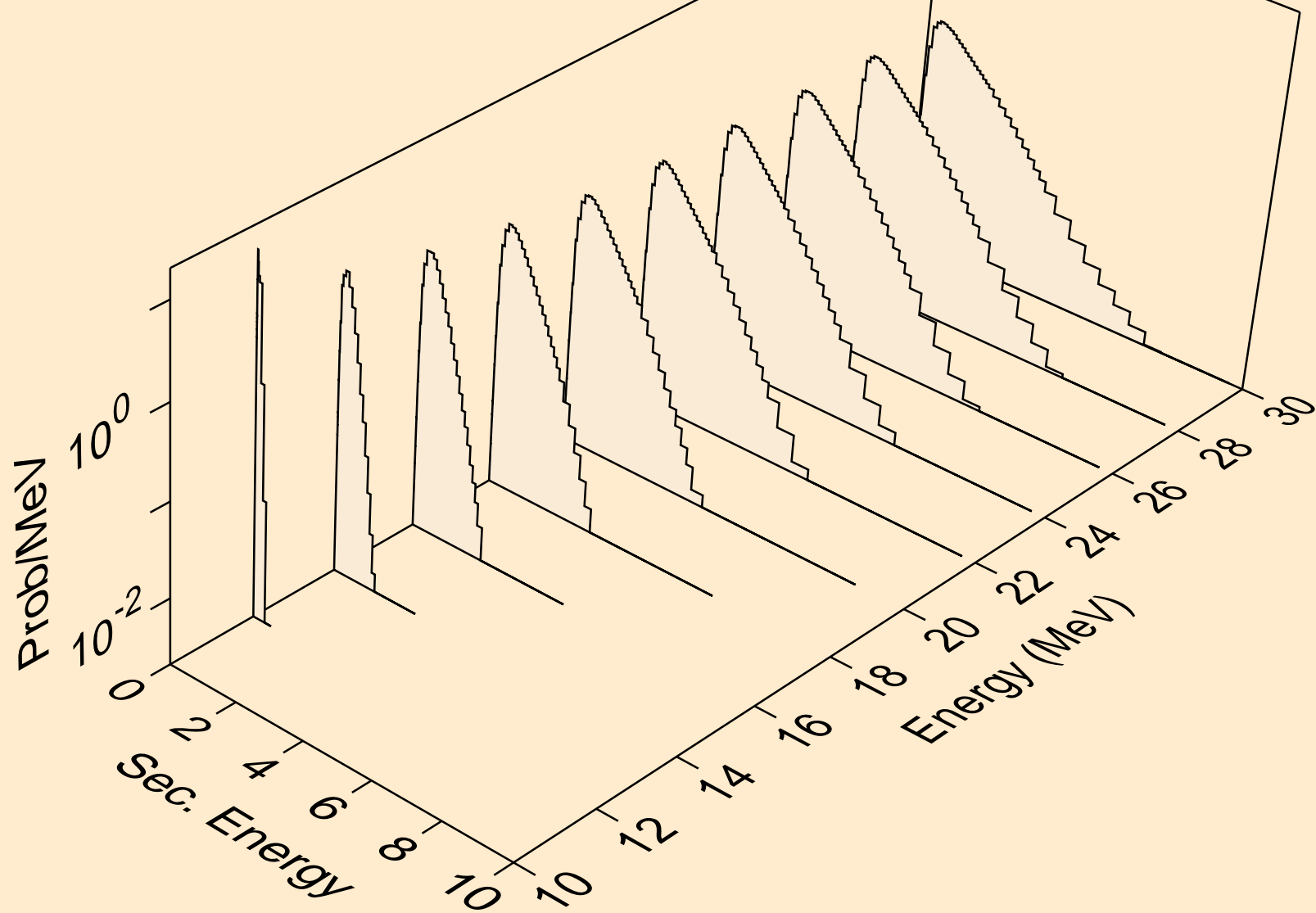
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



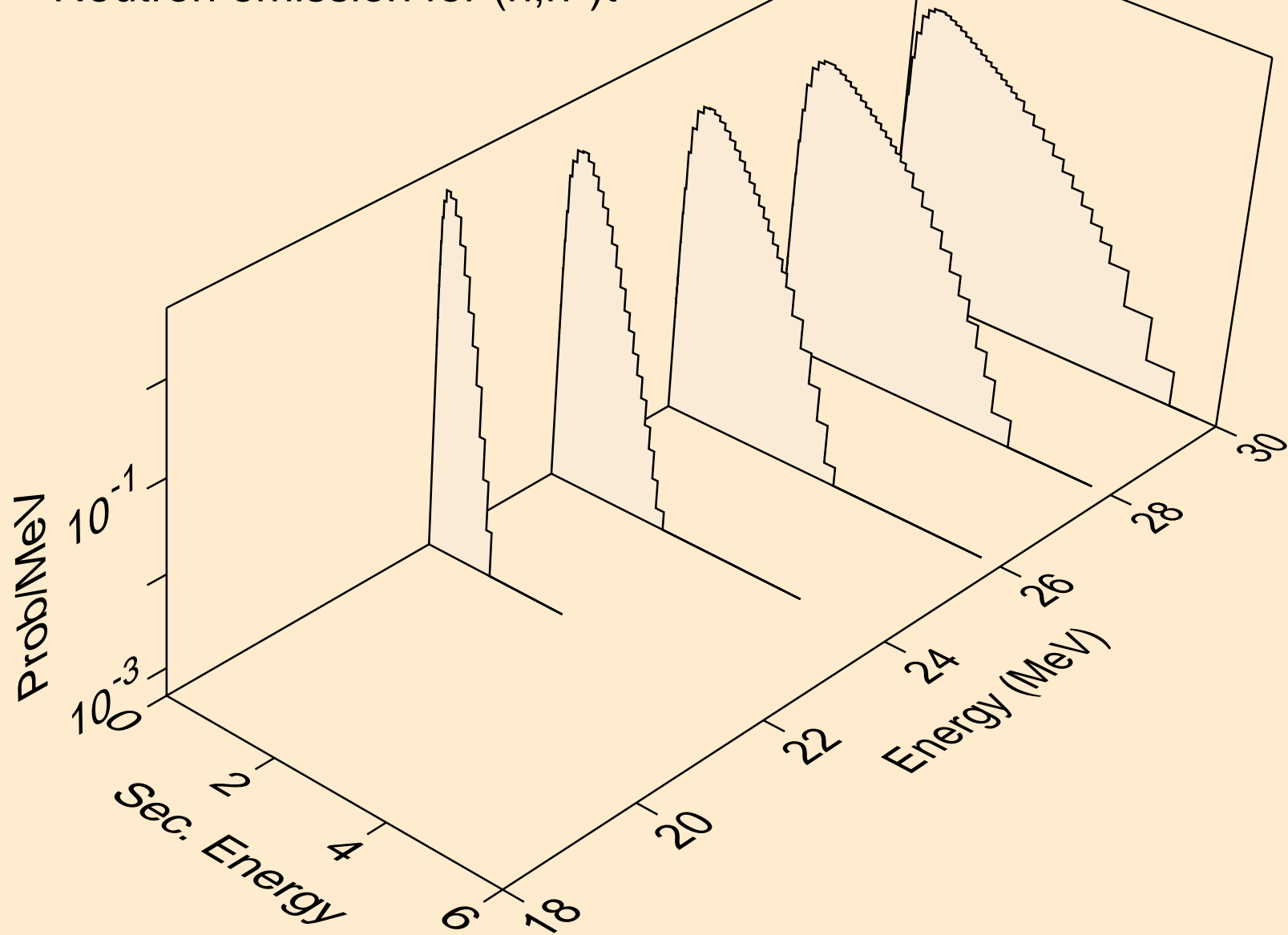
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



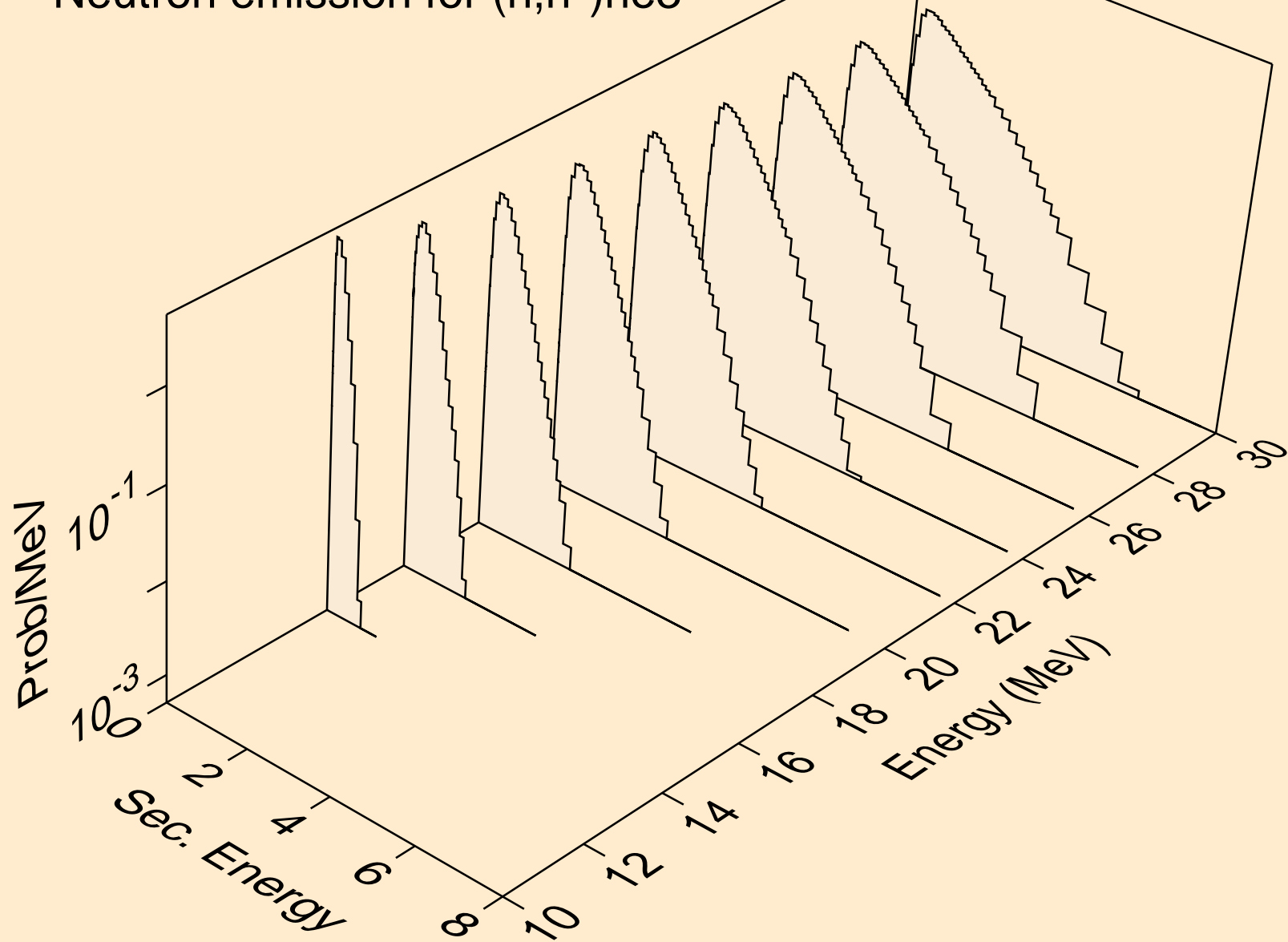
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

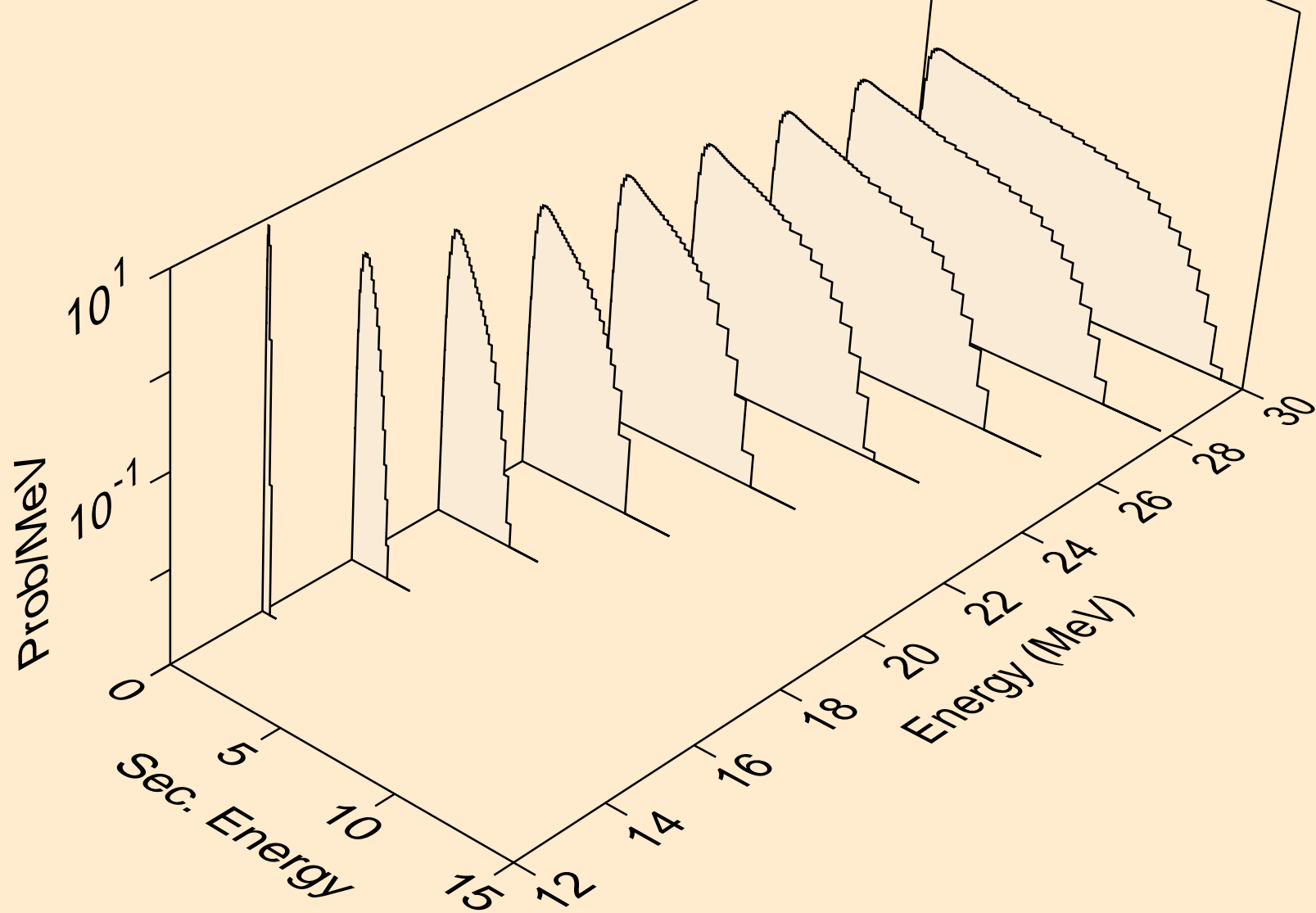


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

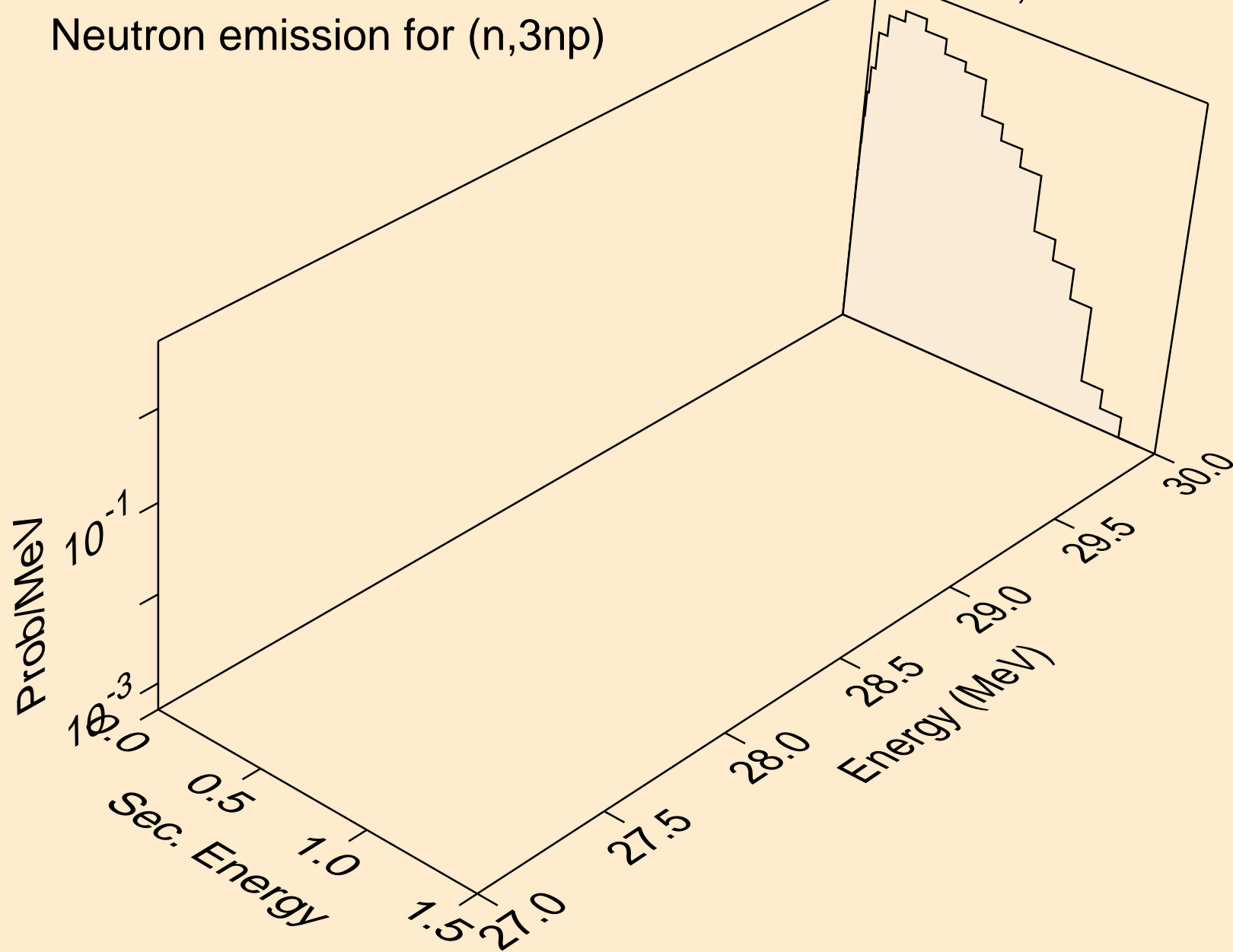




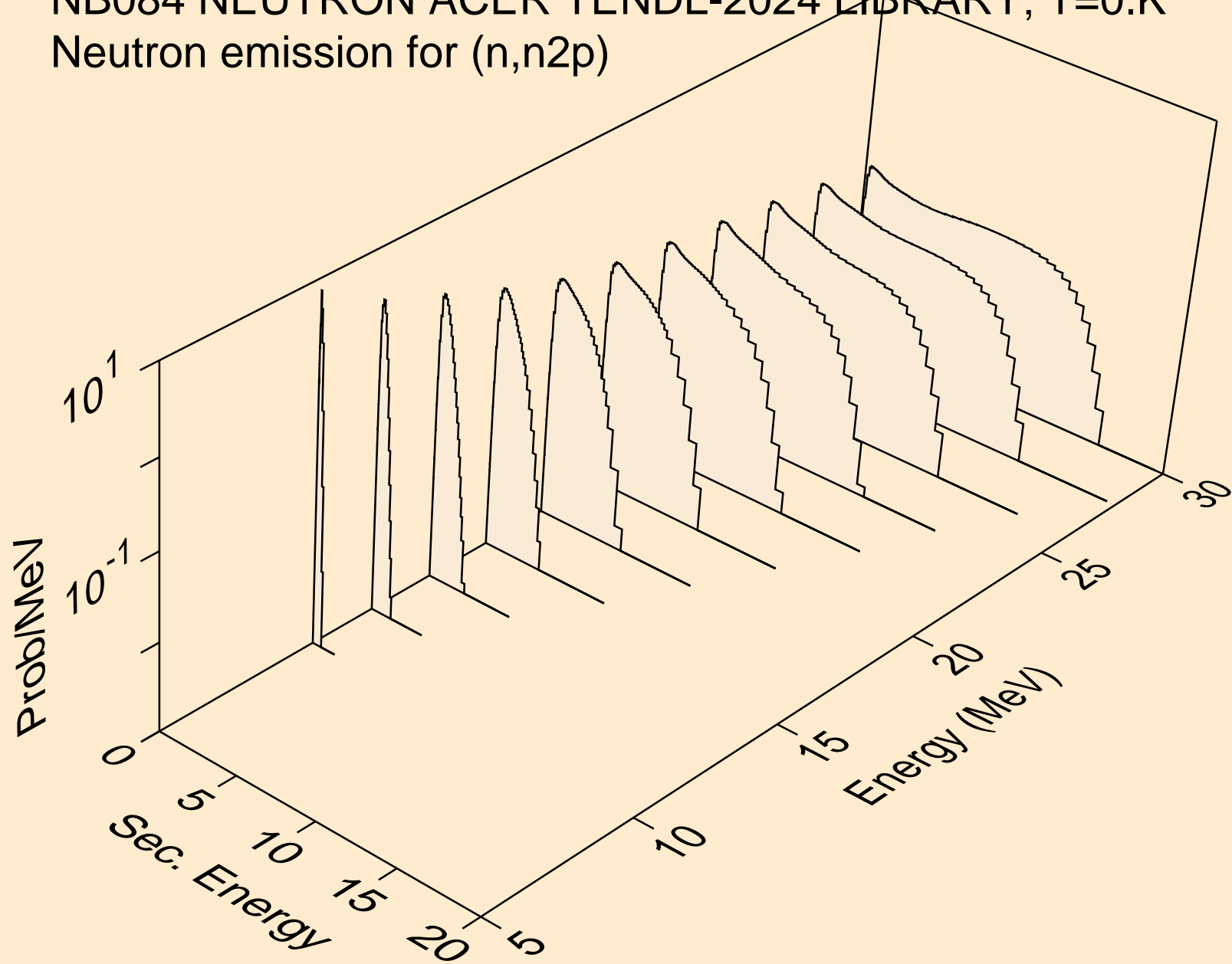
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



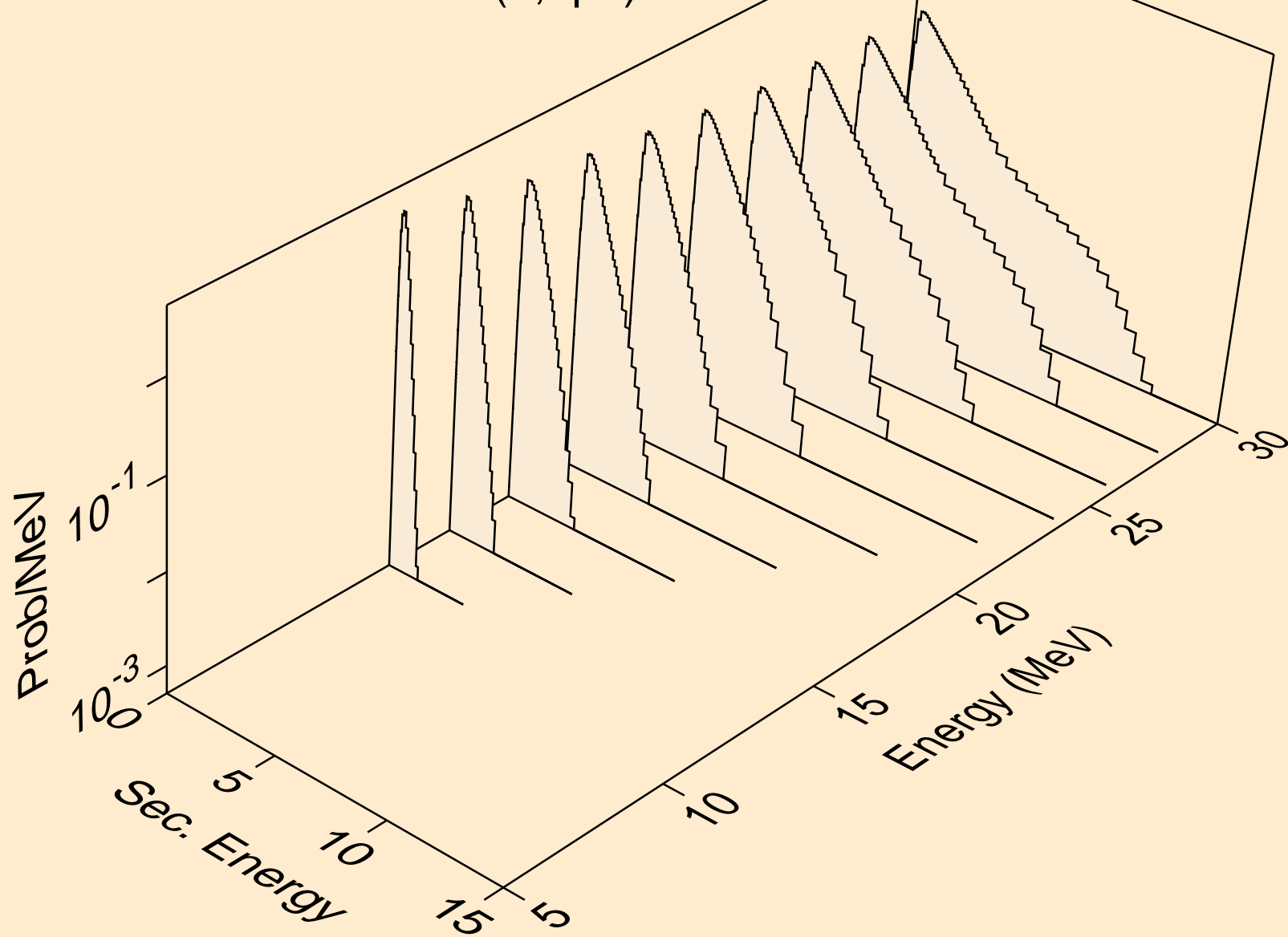
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



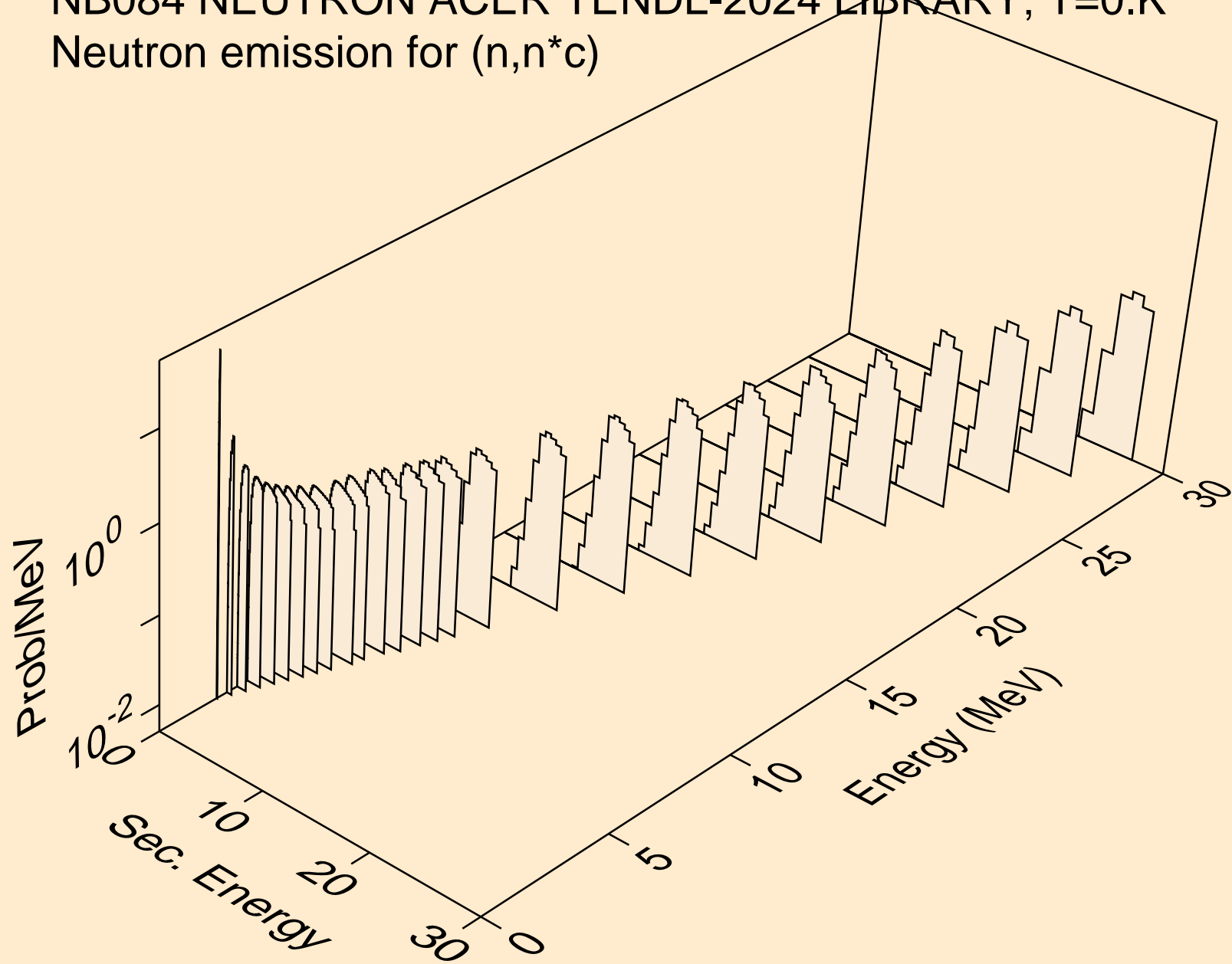
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



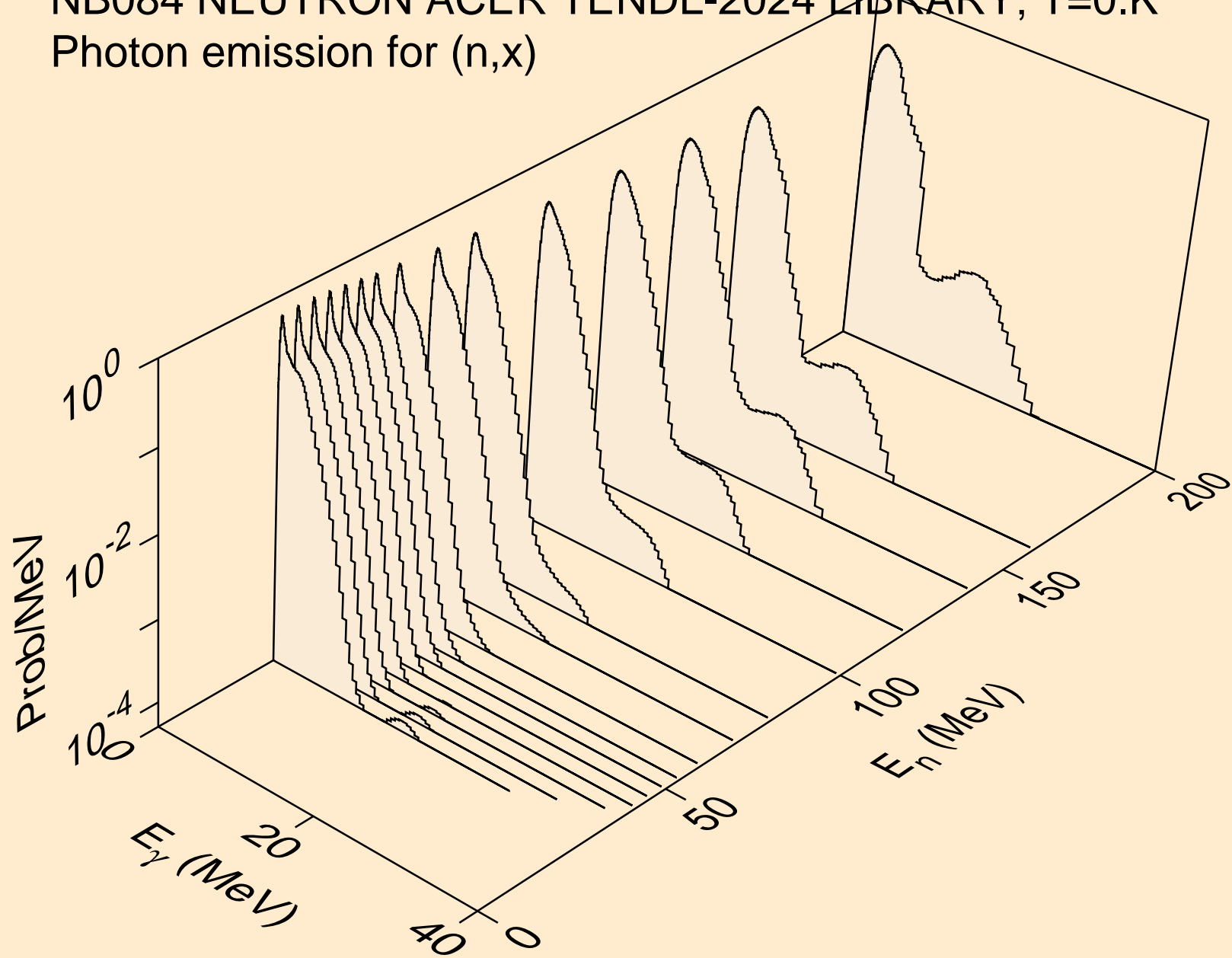
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



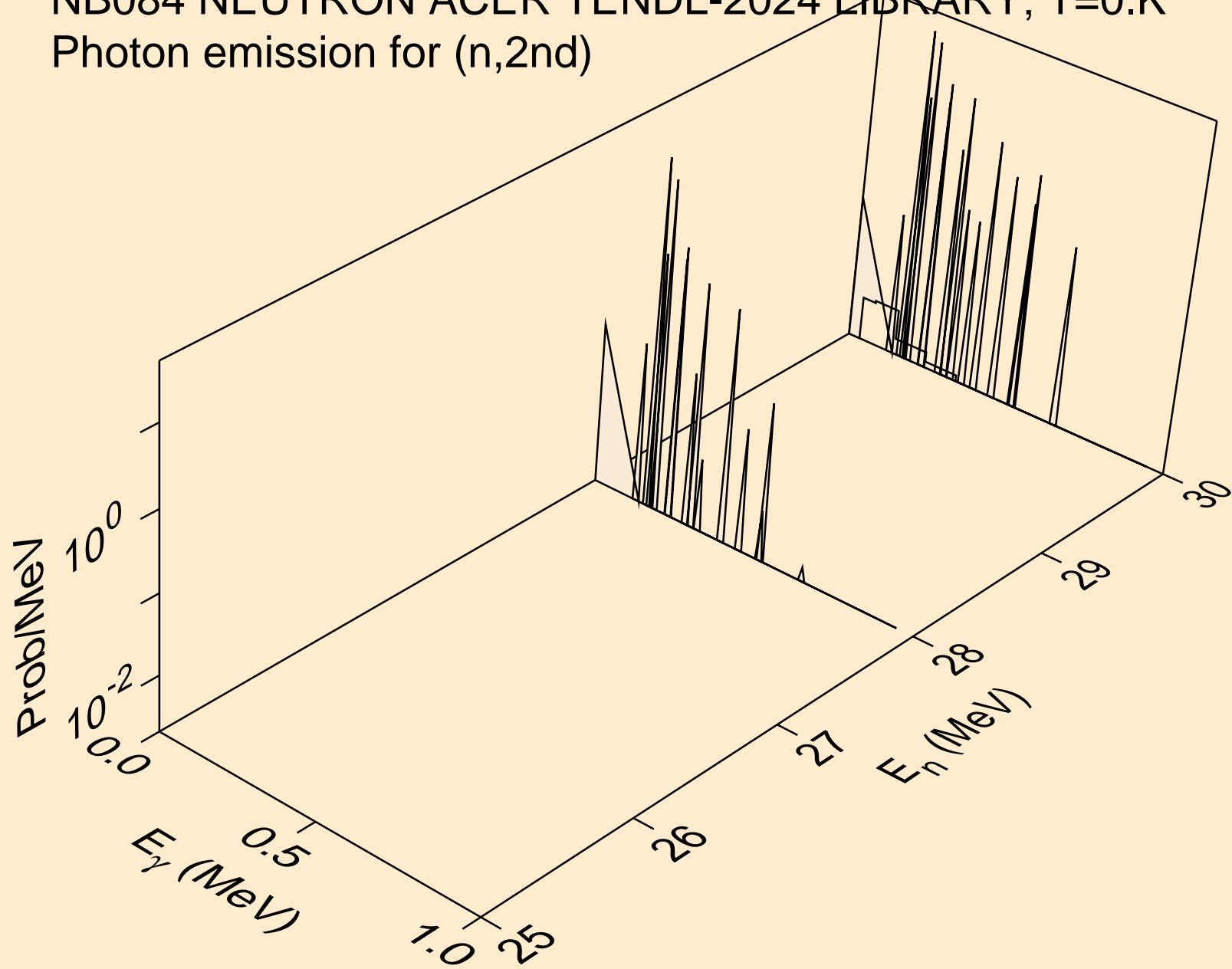
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



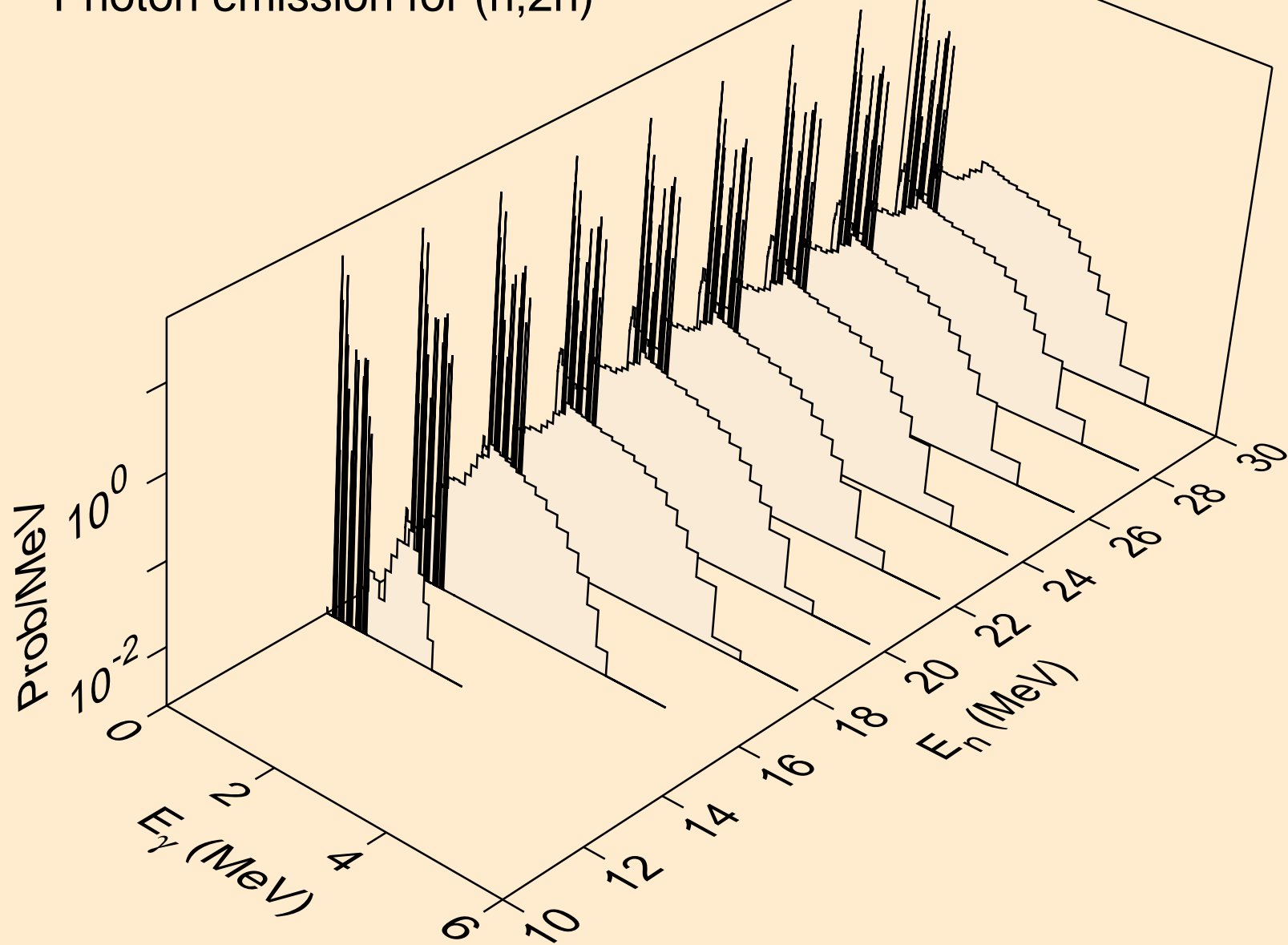
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

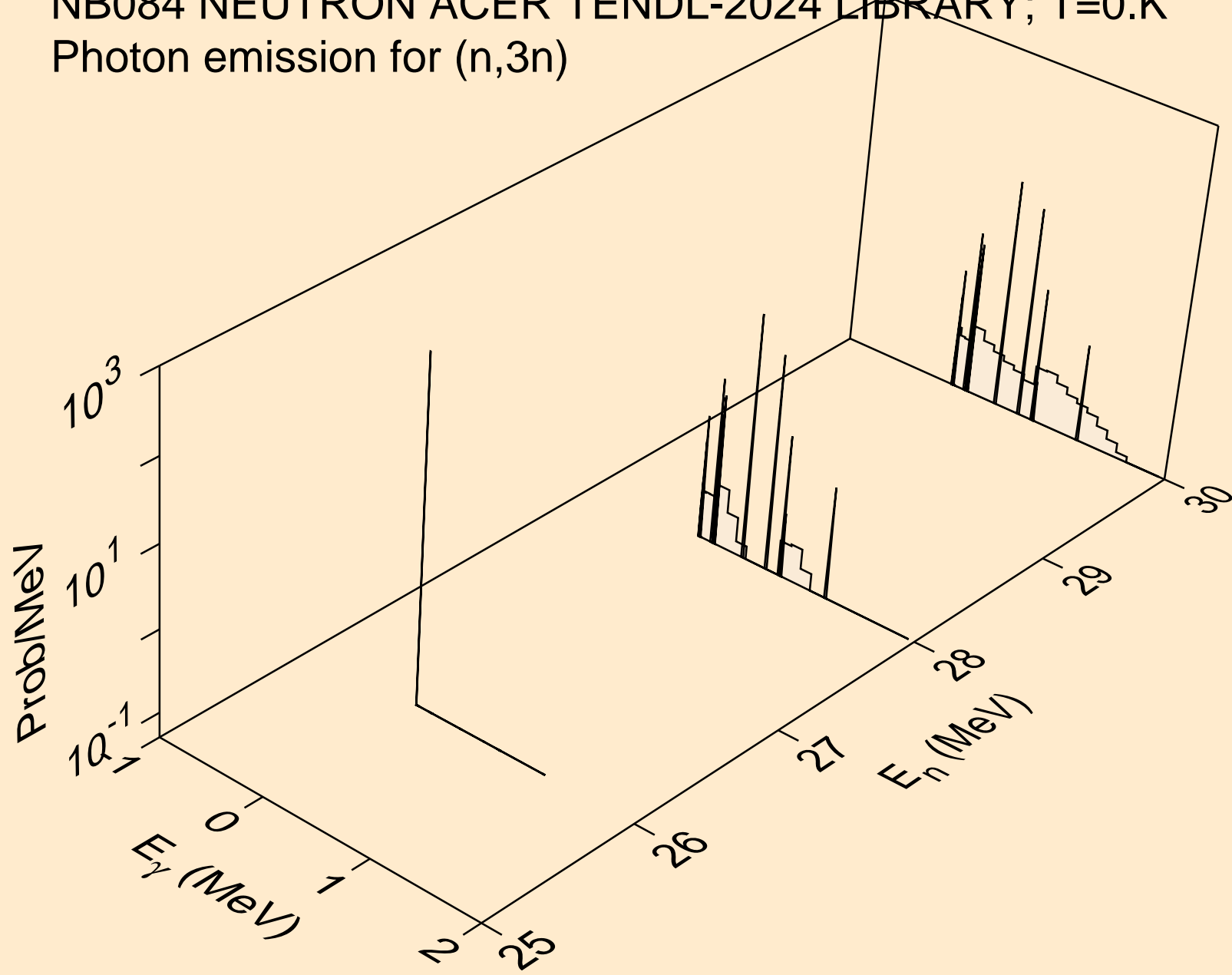


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

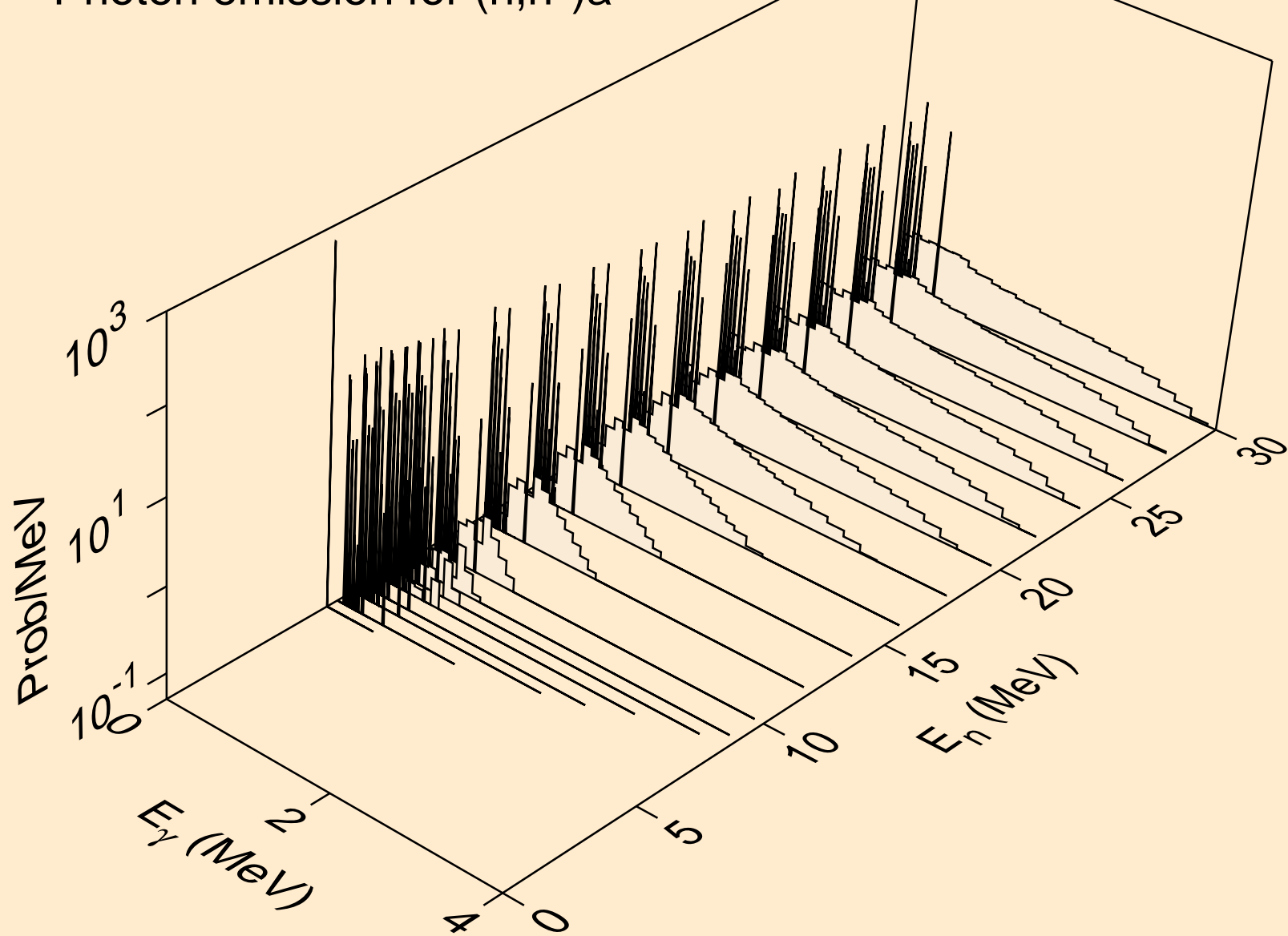




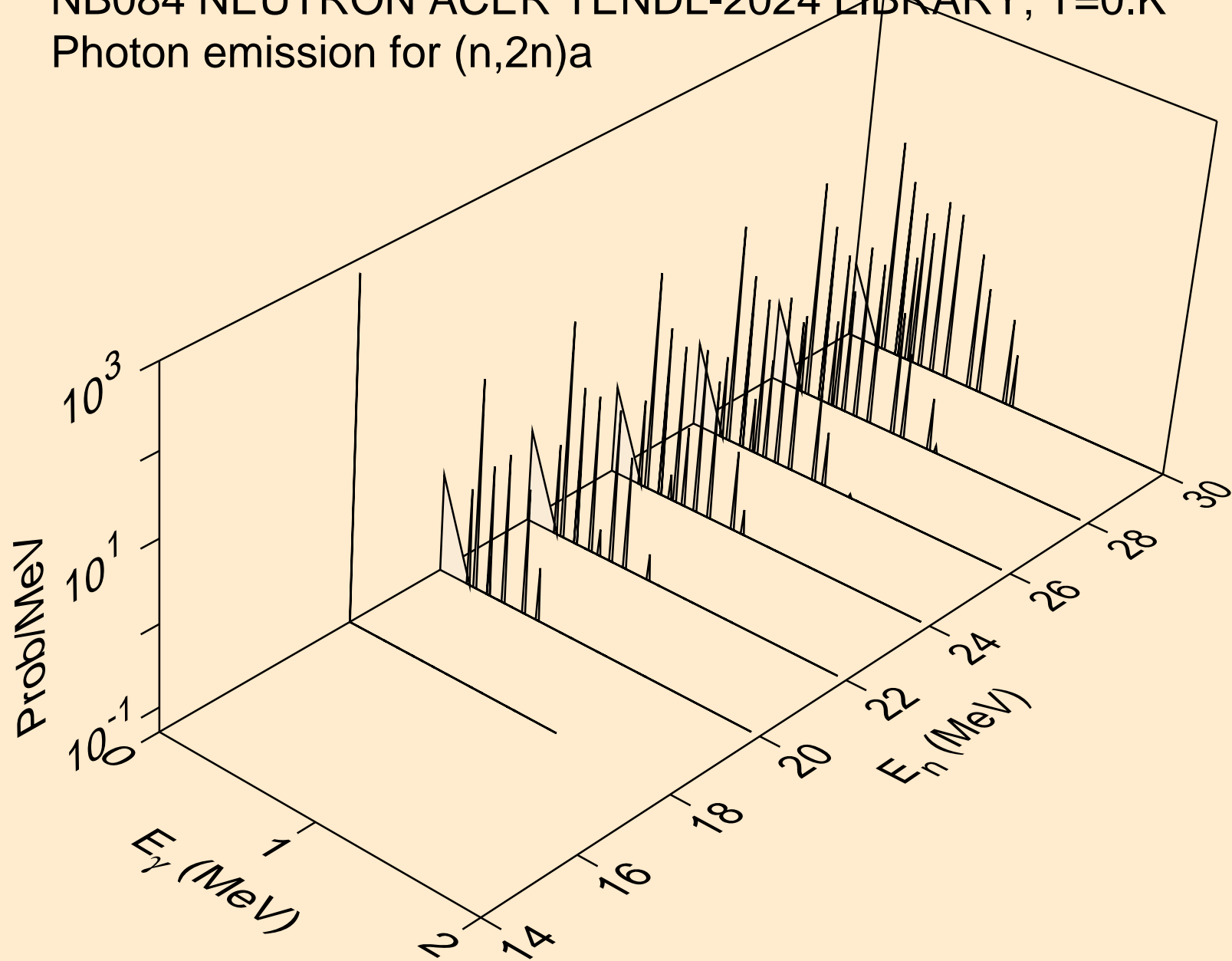
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Photon emission for (n,3n)



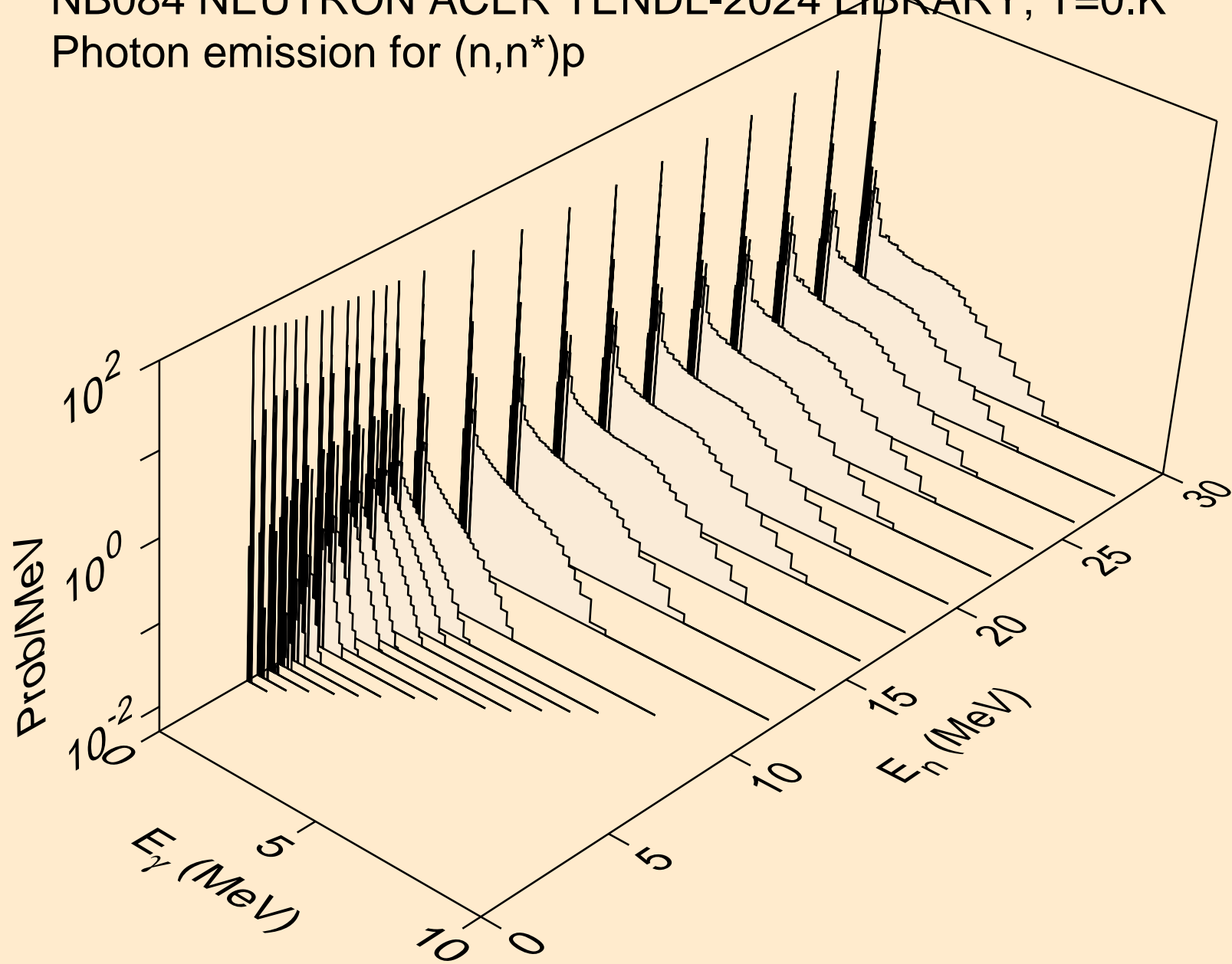
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



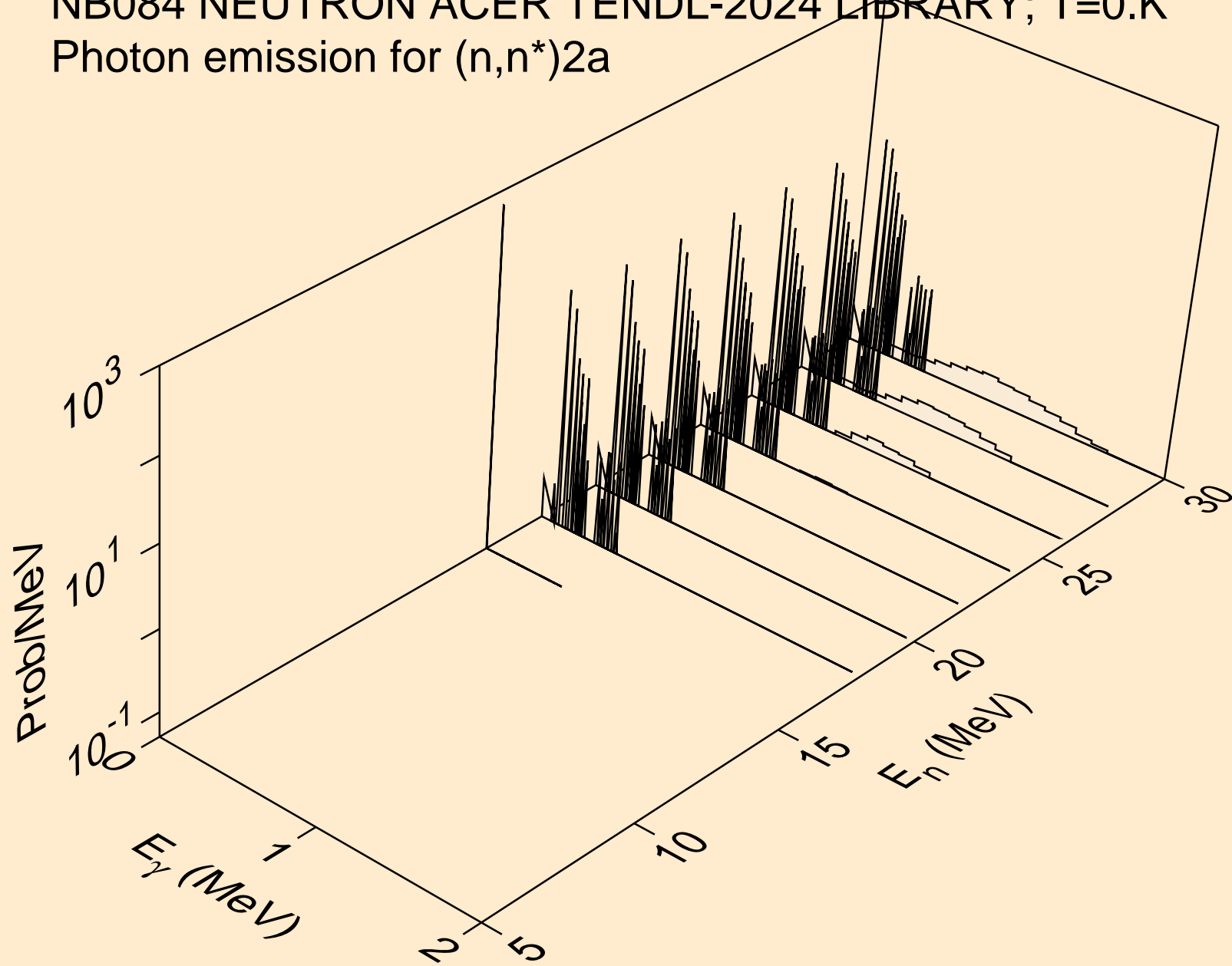
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Photon emission for (n,2n)a



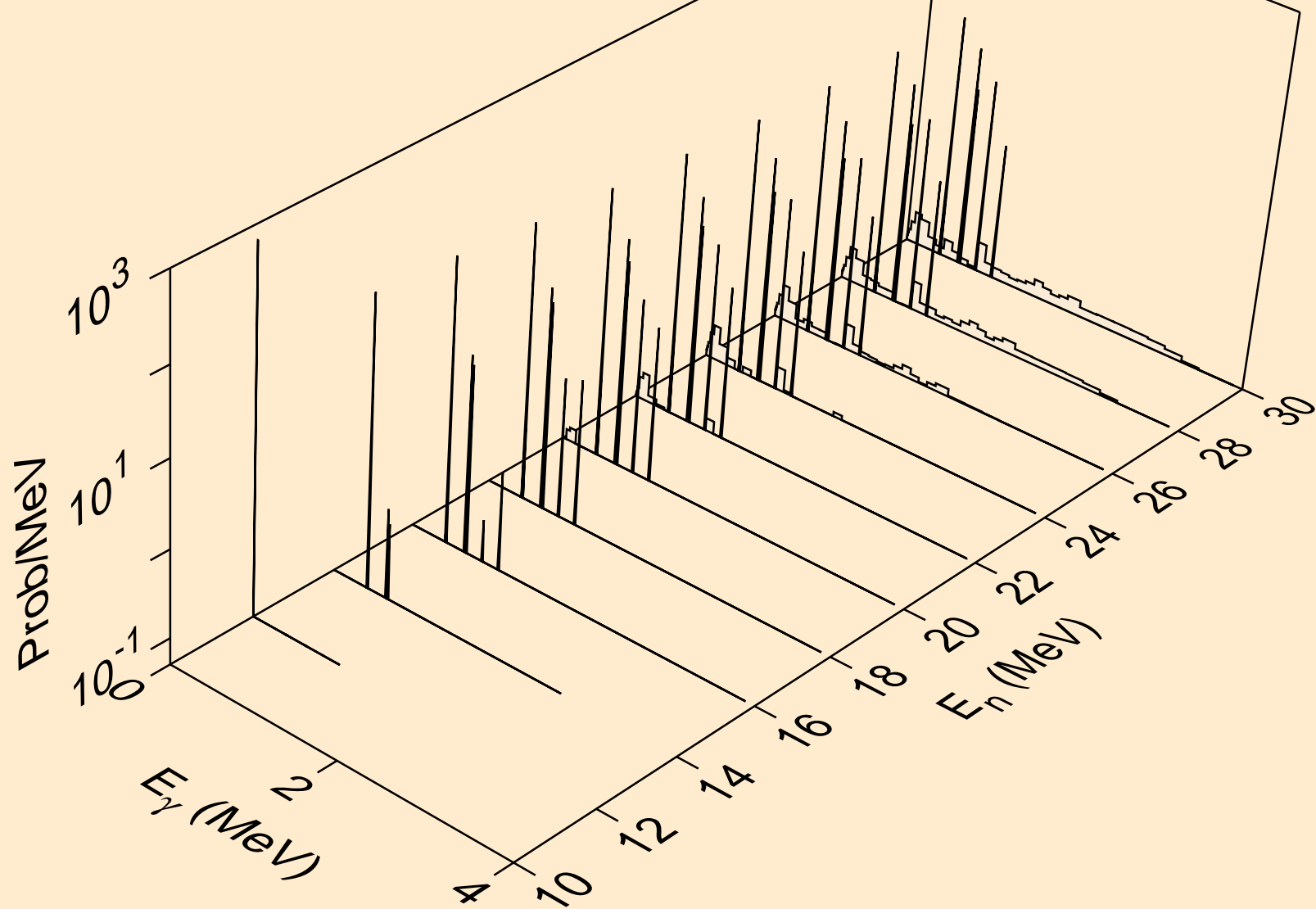
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



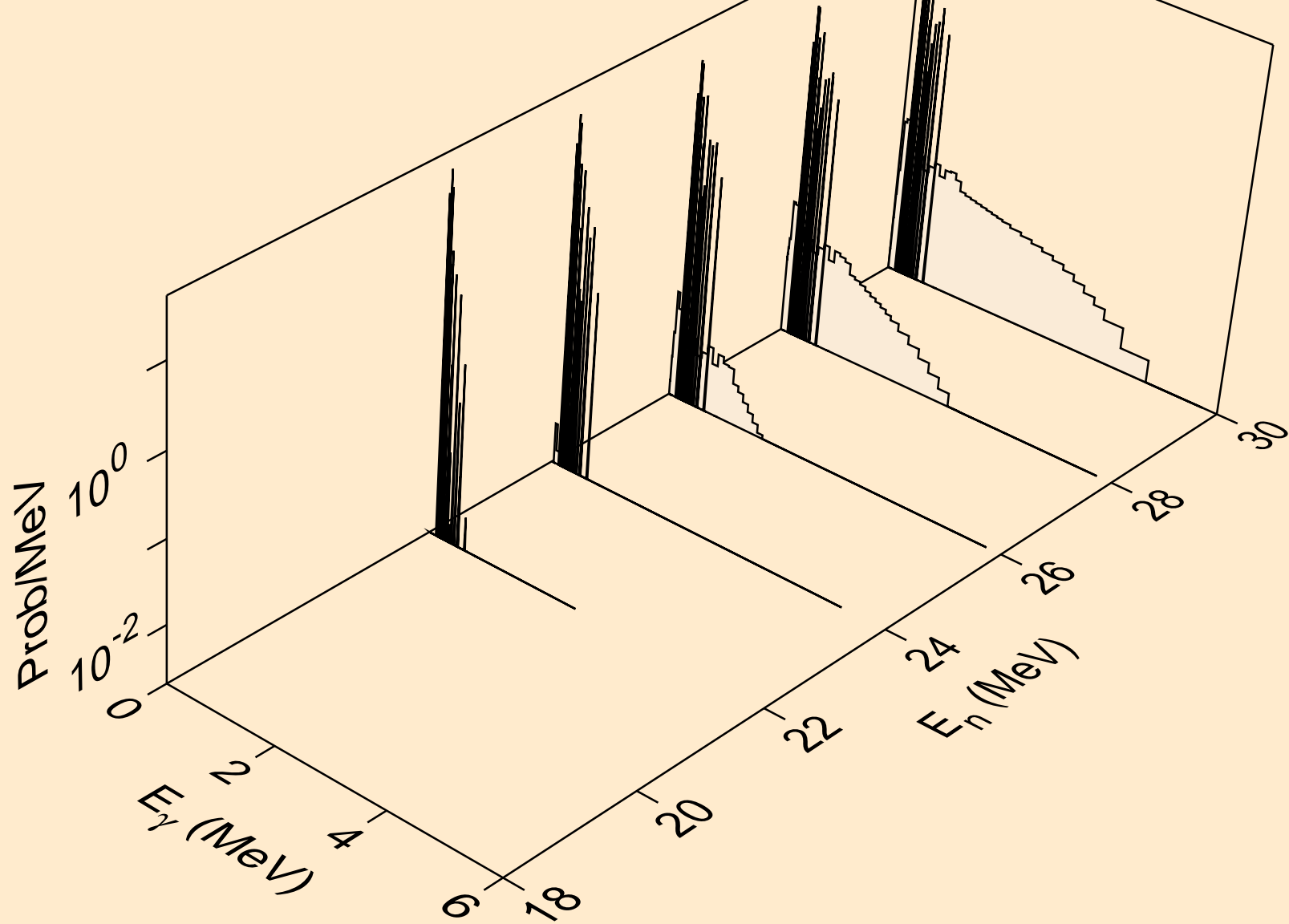
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Photon emission for (n,n\*)2a



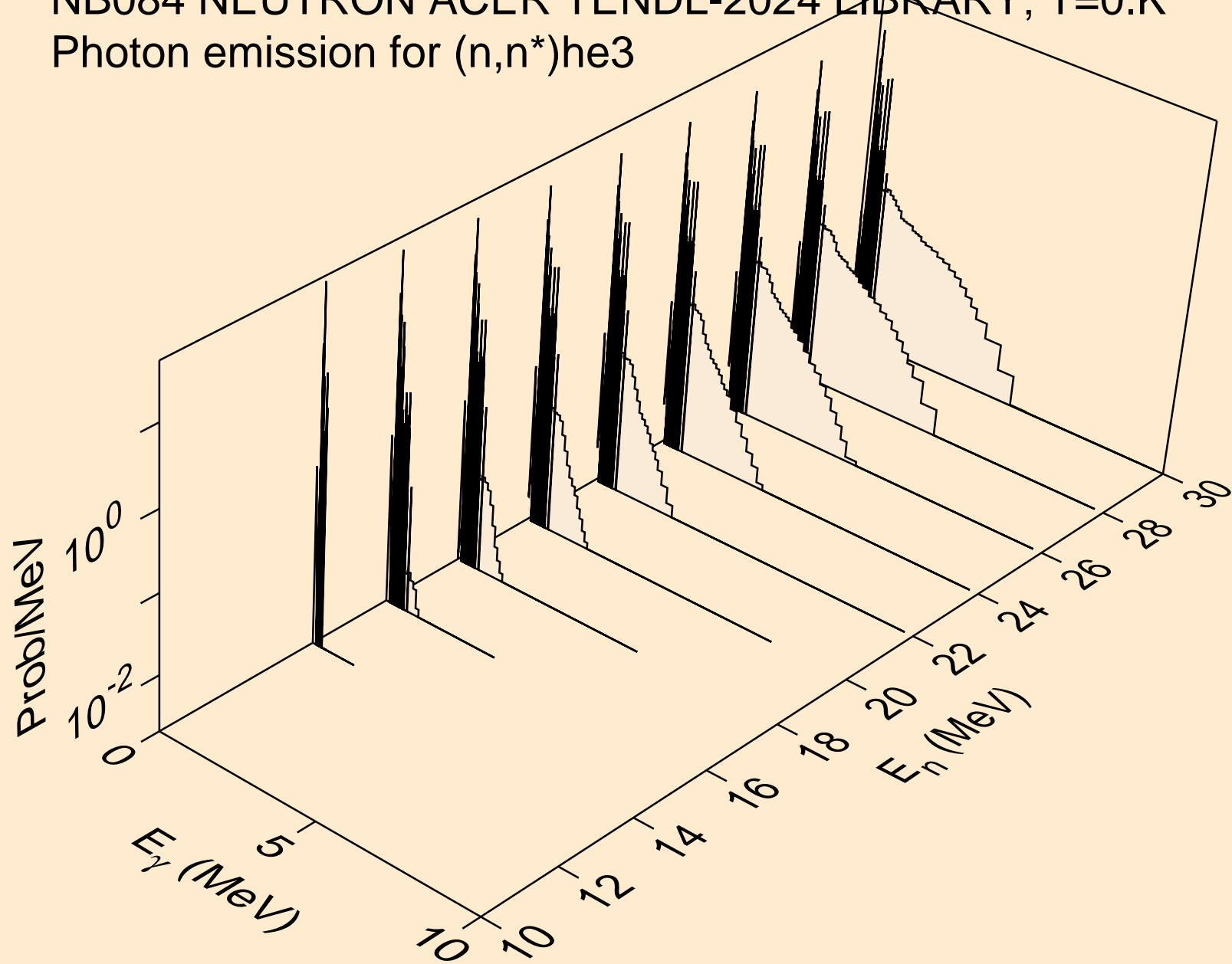
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

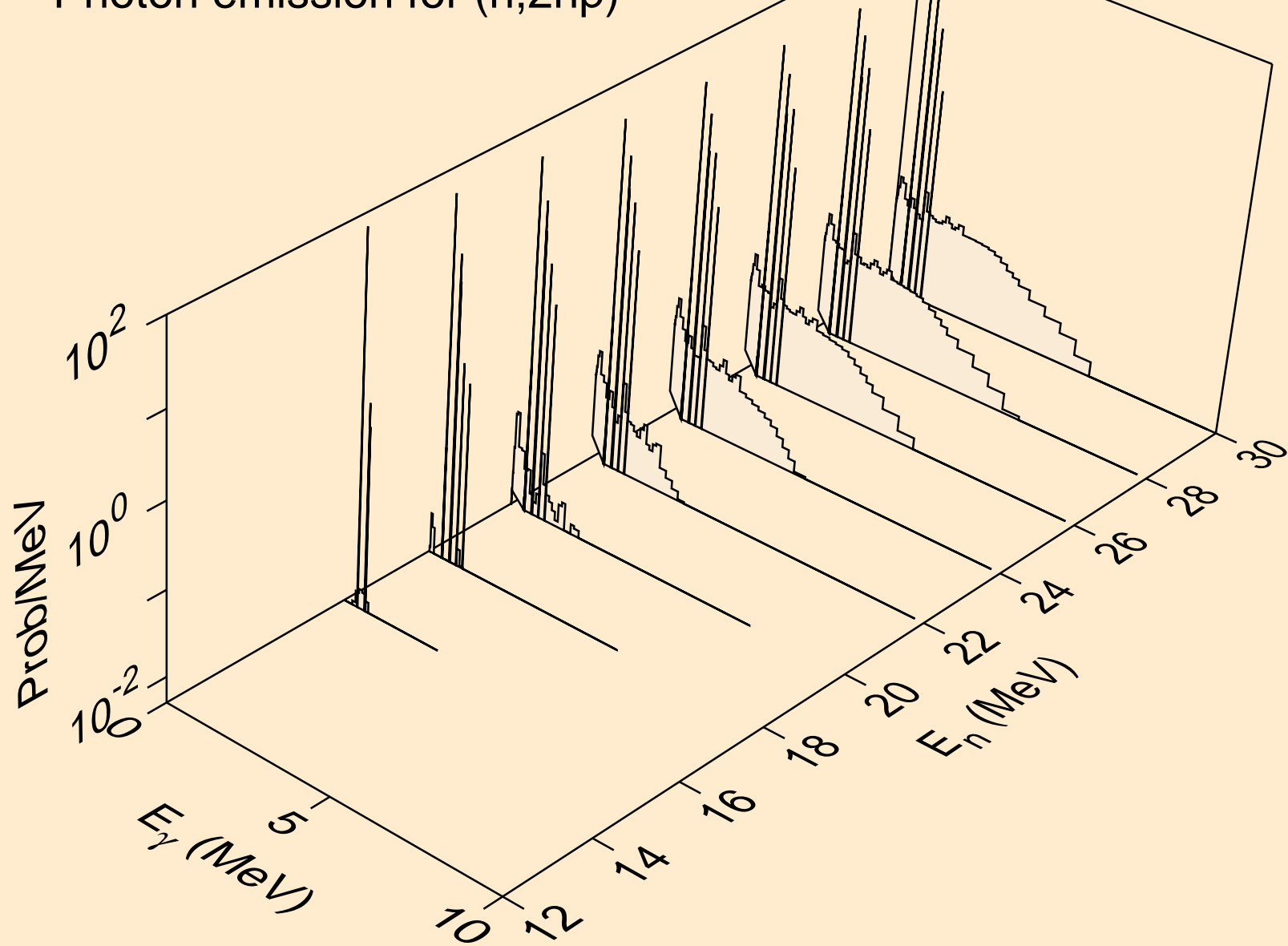


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

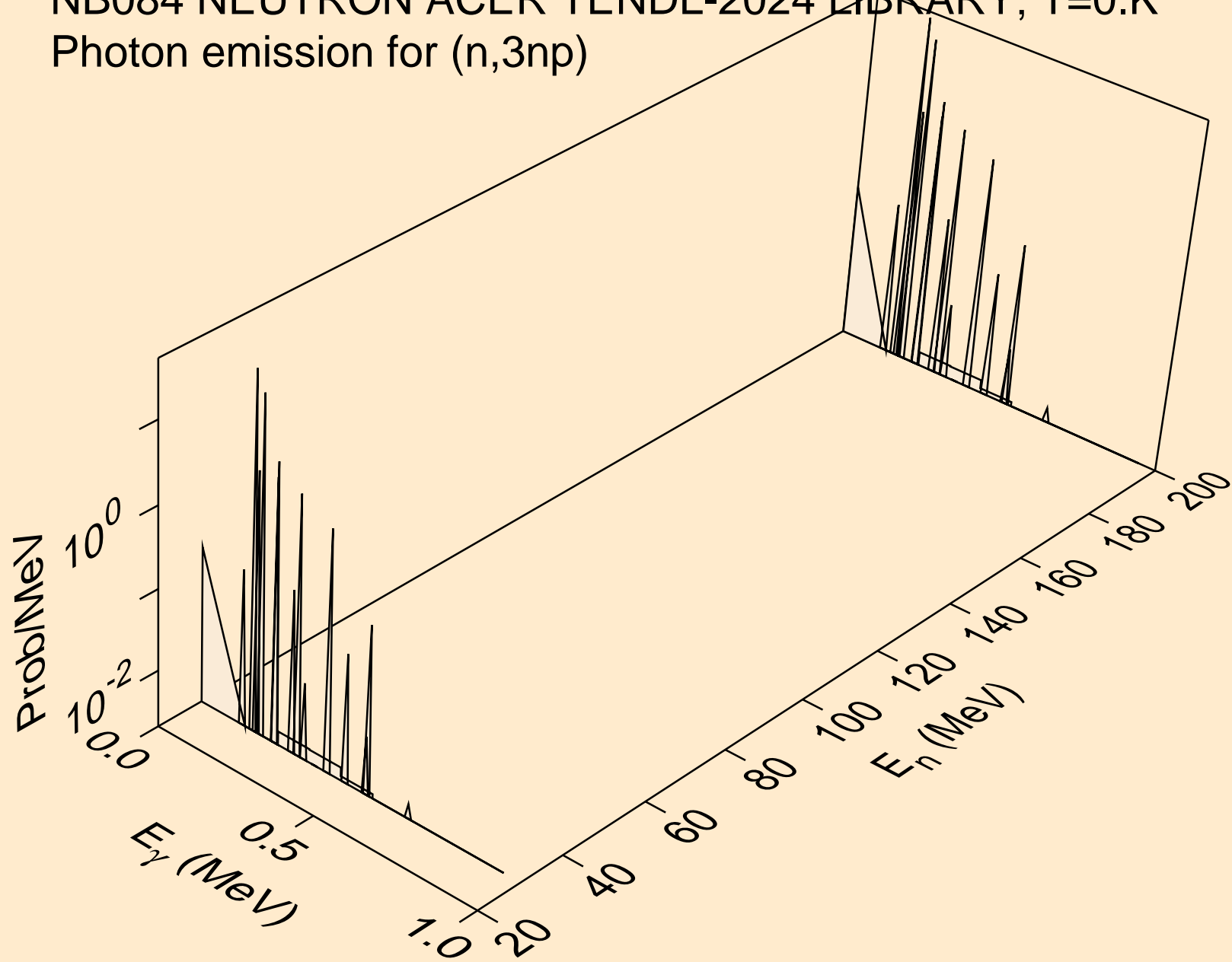




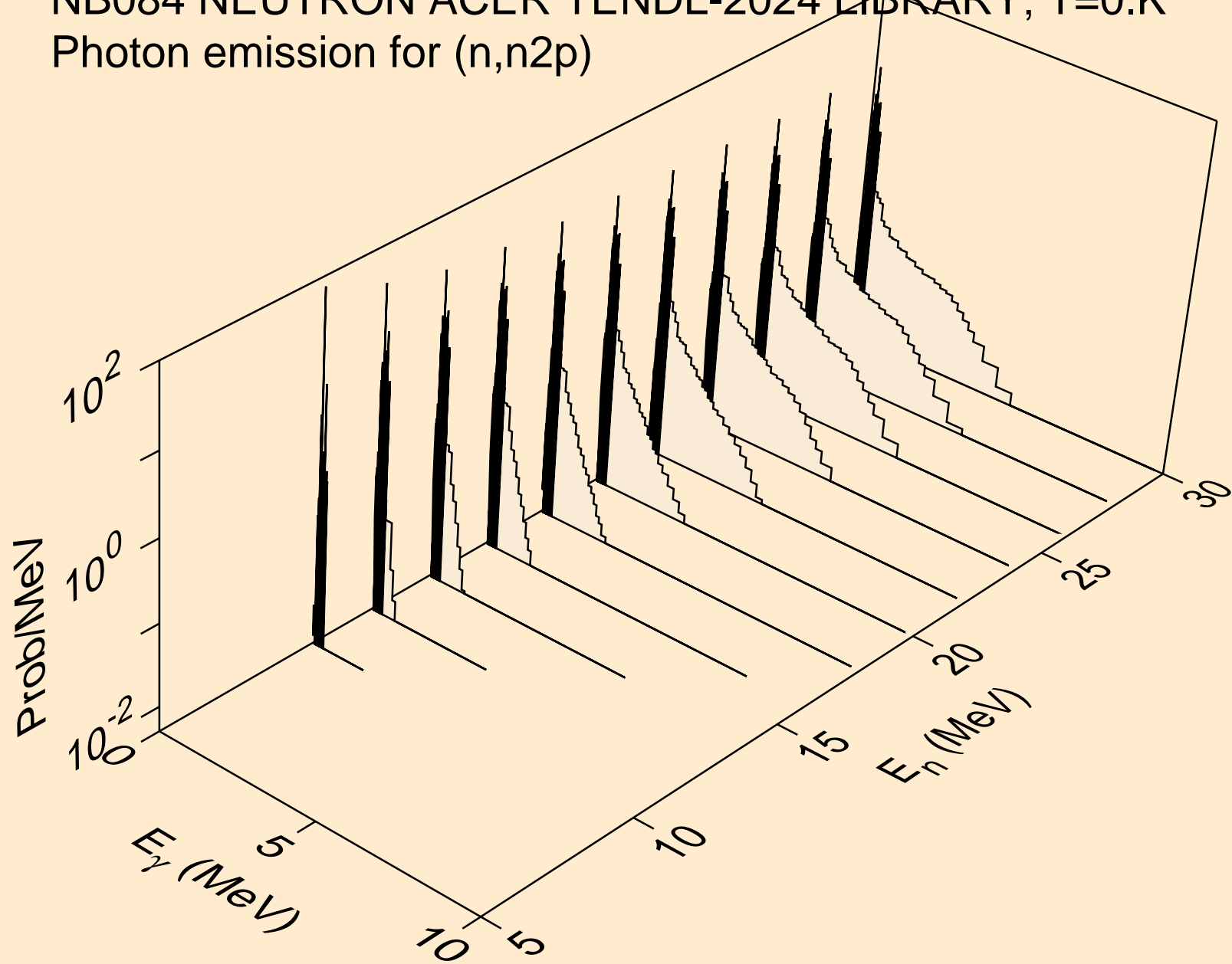
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



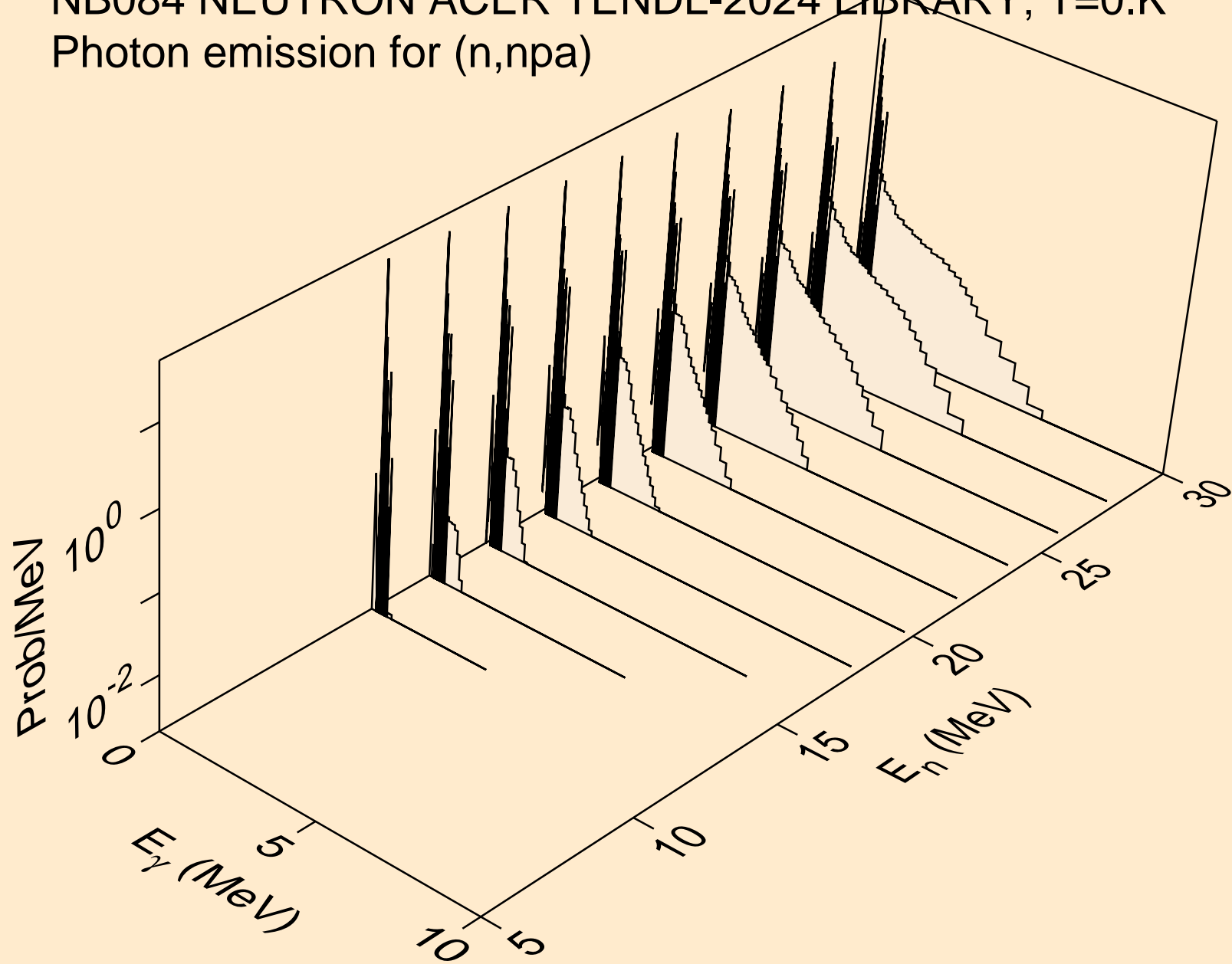
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Photon emission for (n,3np)



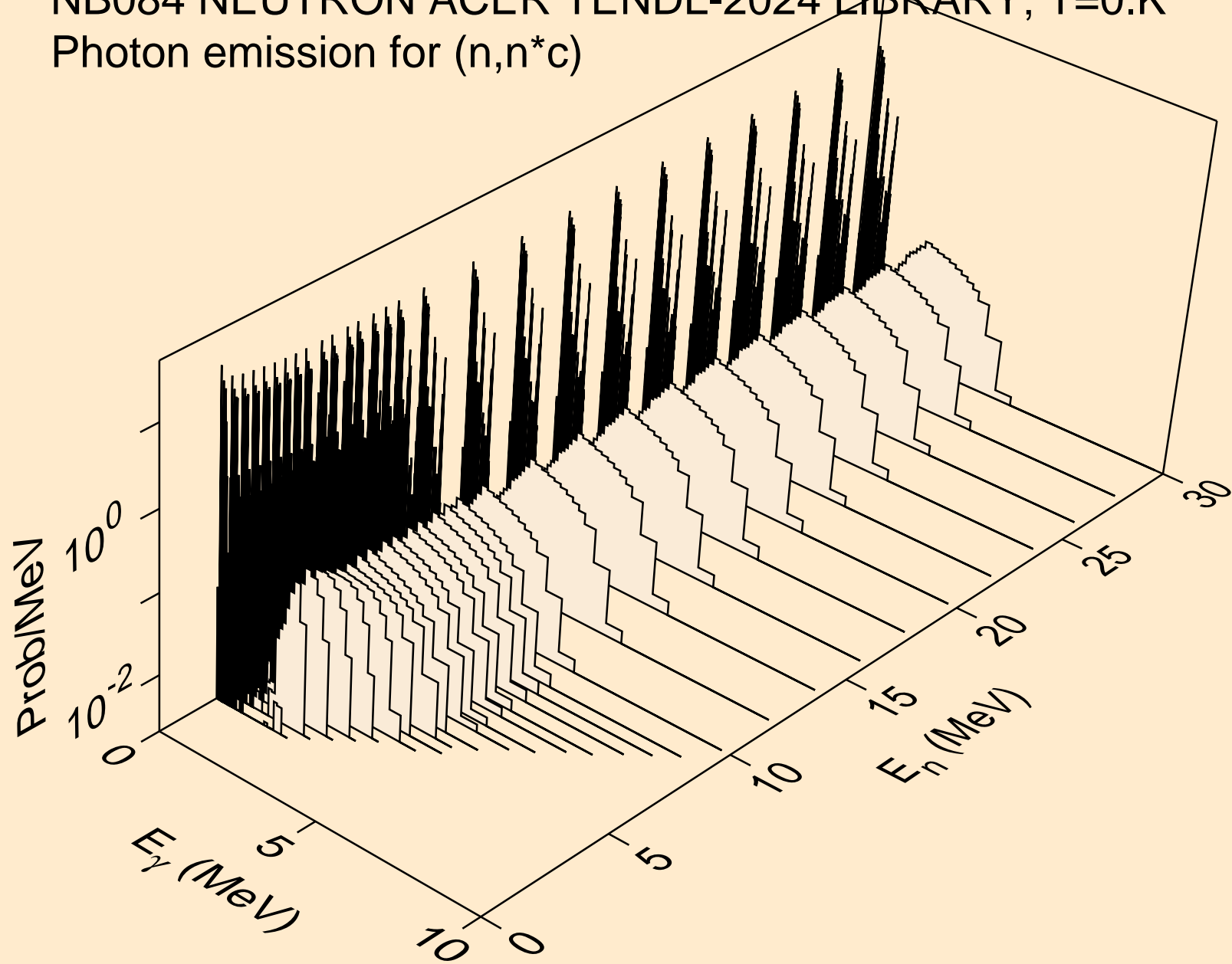
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Photon emission for (n,n2p)



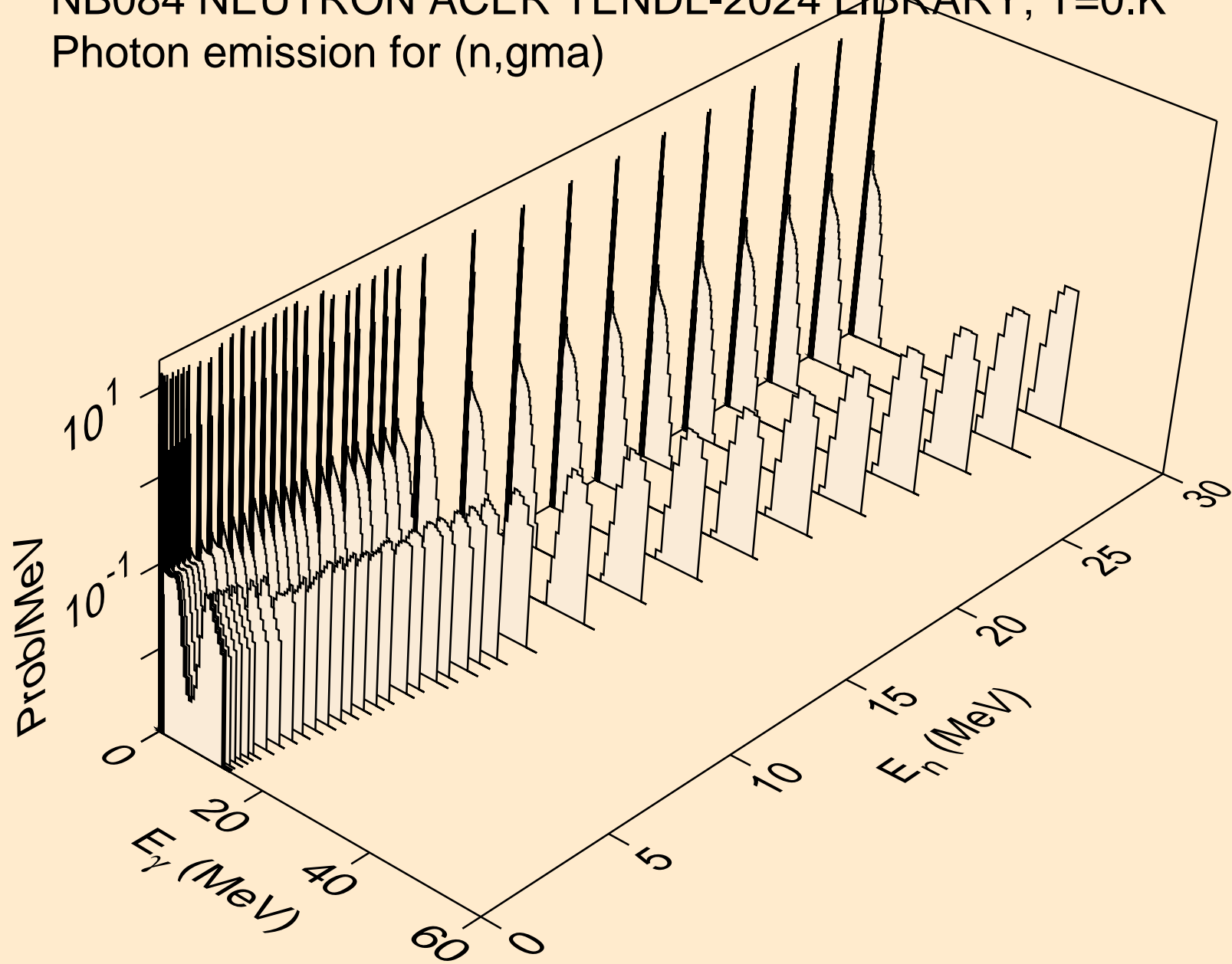
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Photon emission for (n,npa)



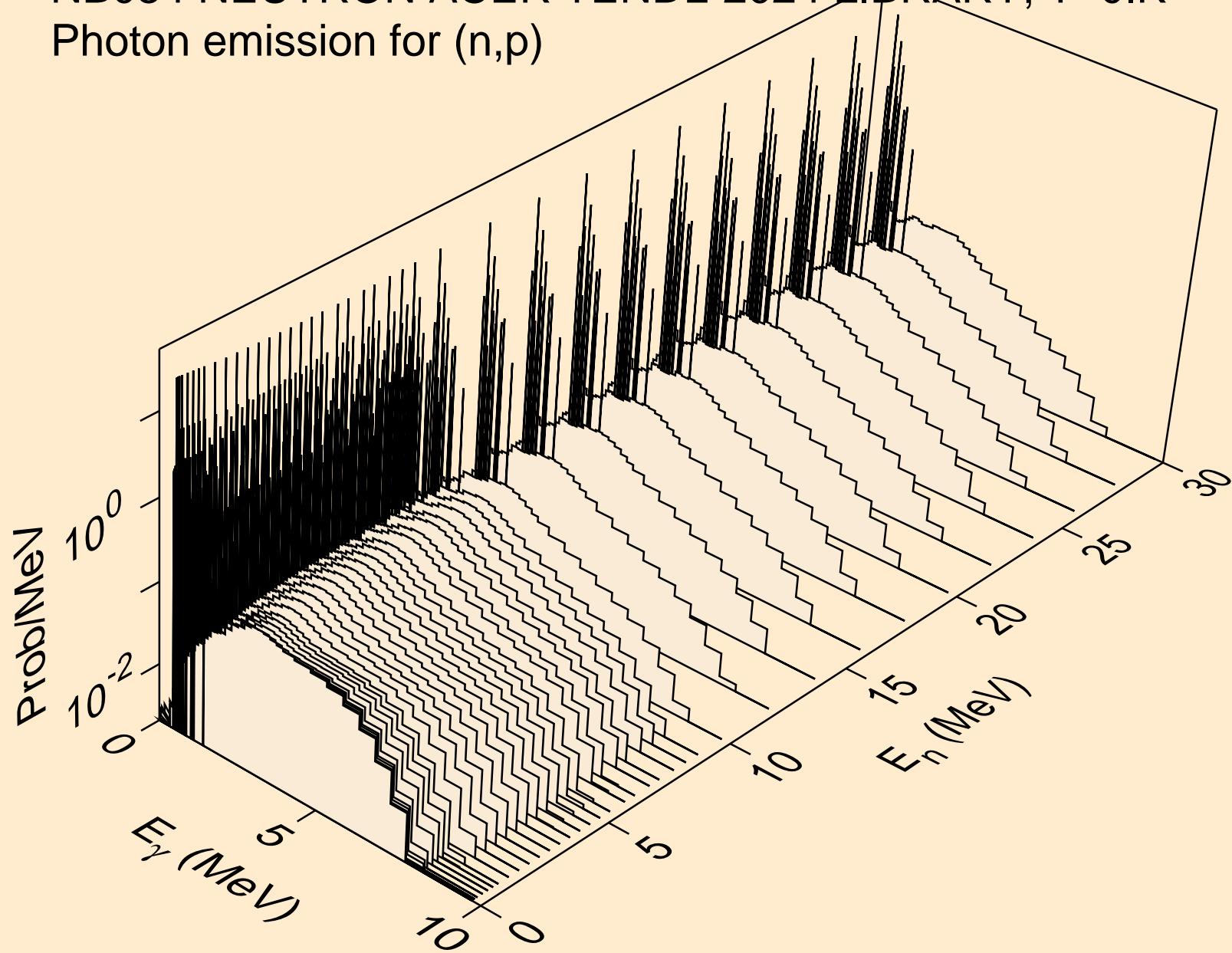
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Photon emission for (n,n\*c)



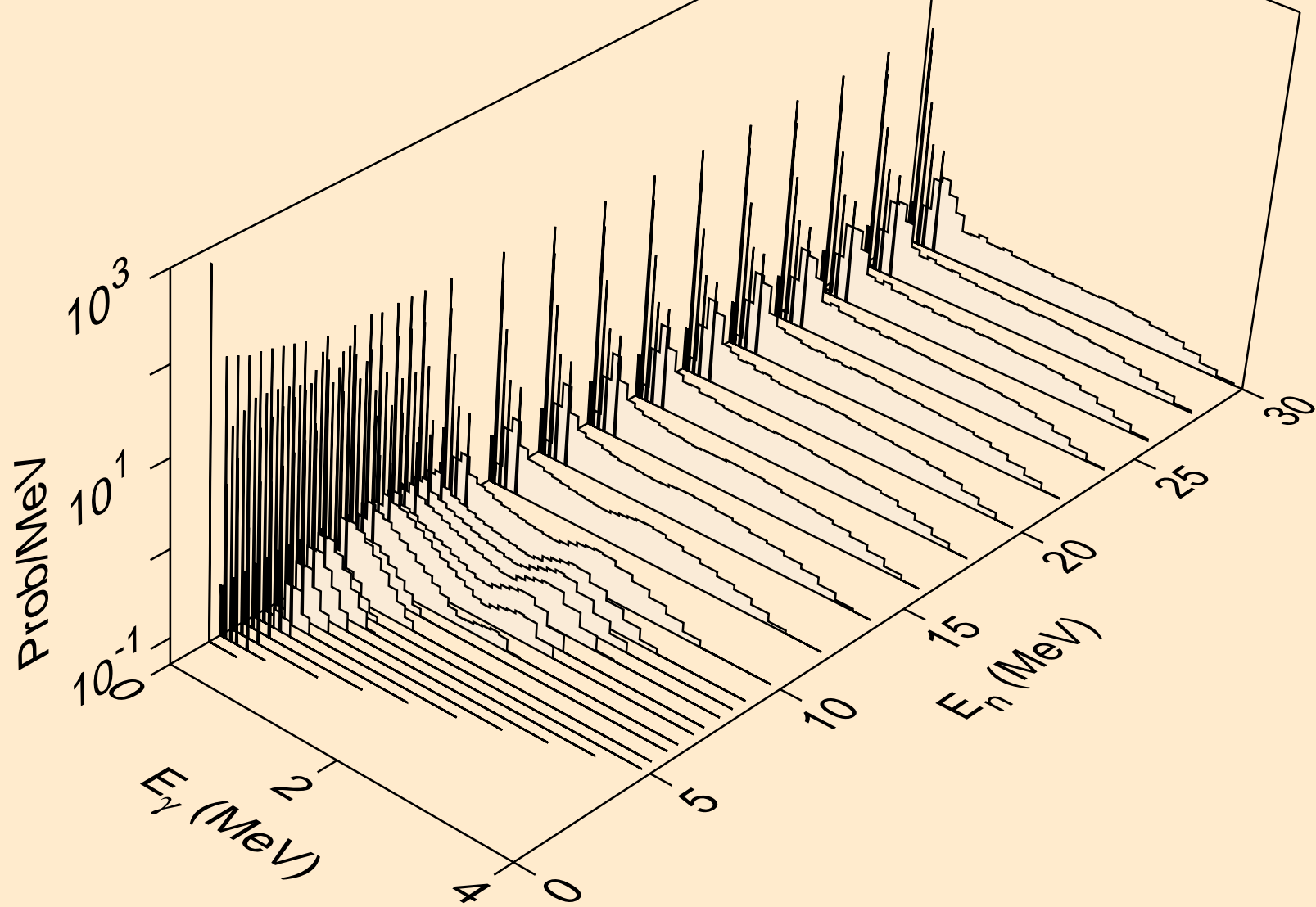
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

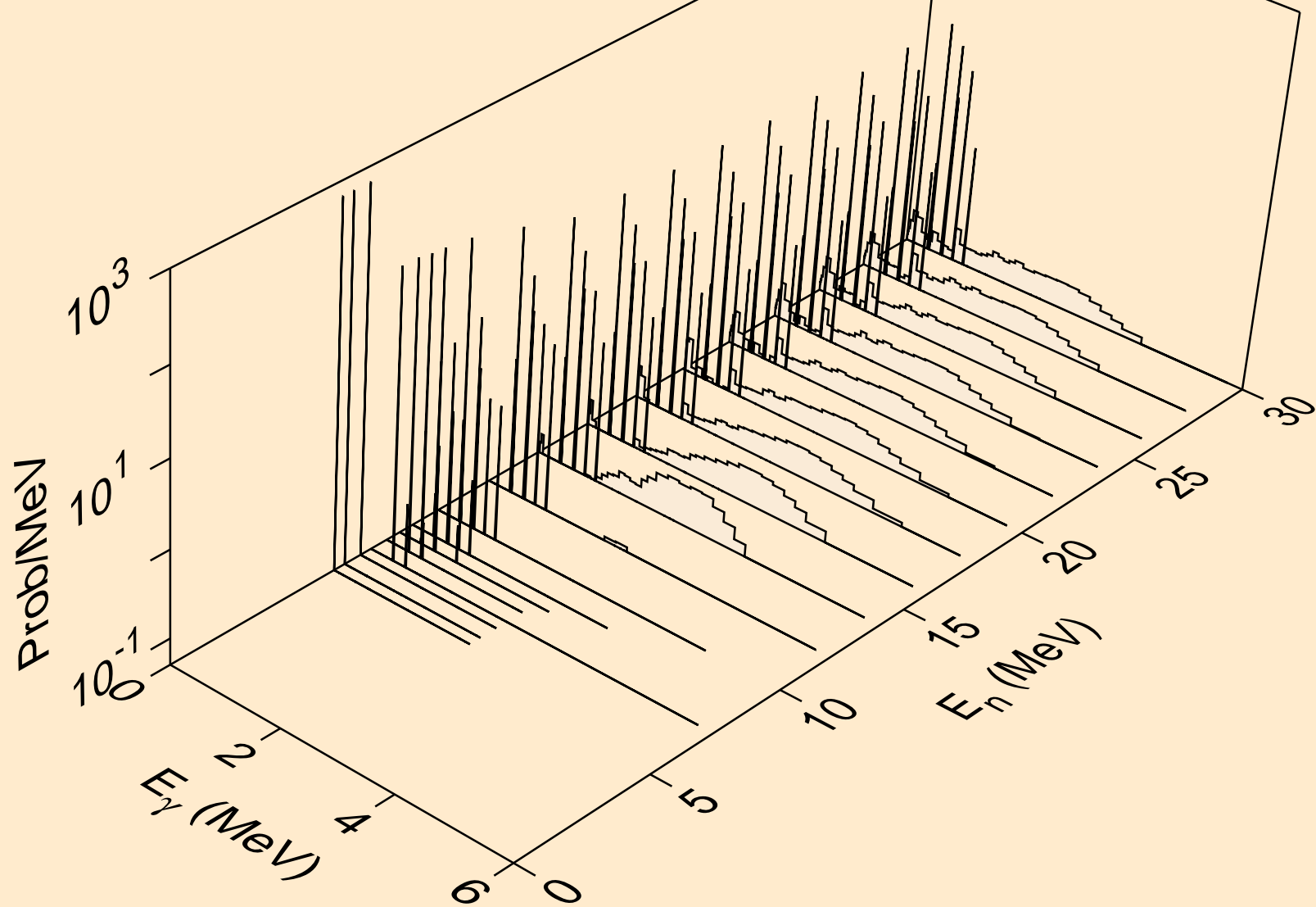


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

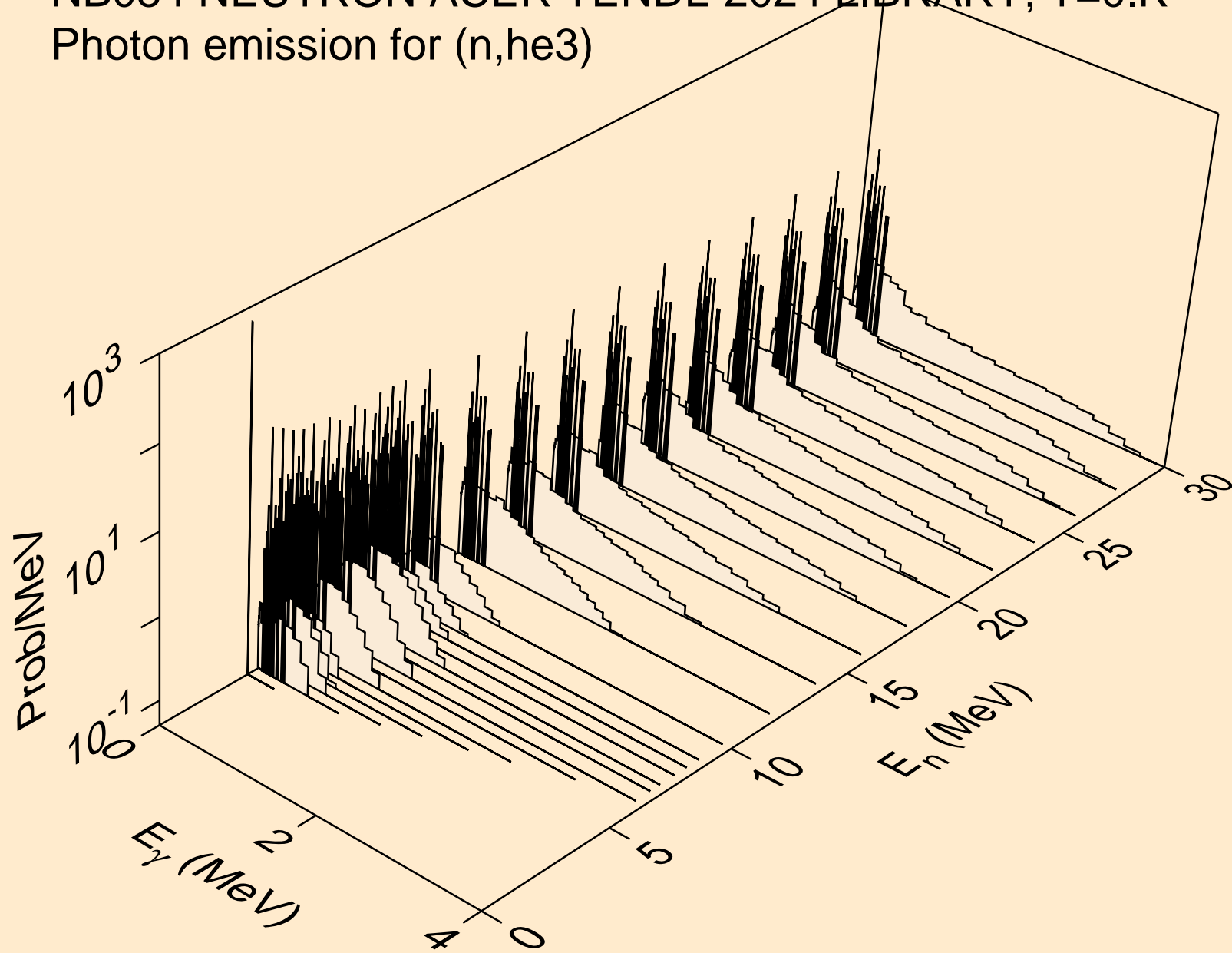




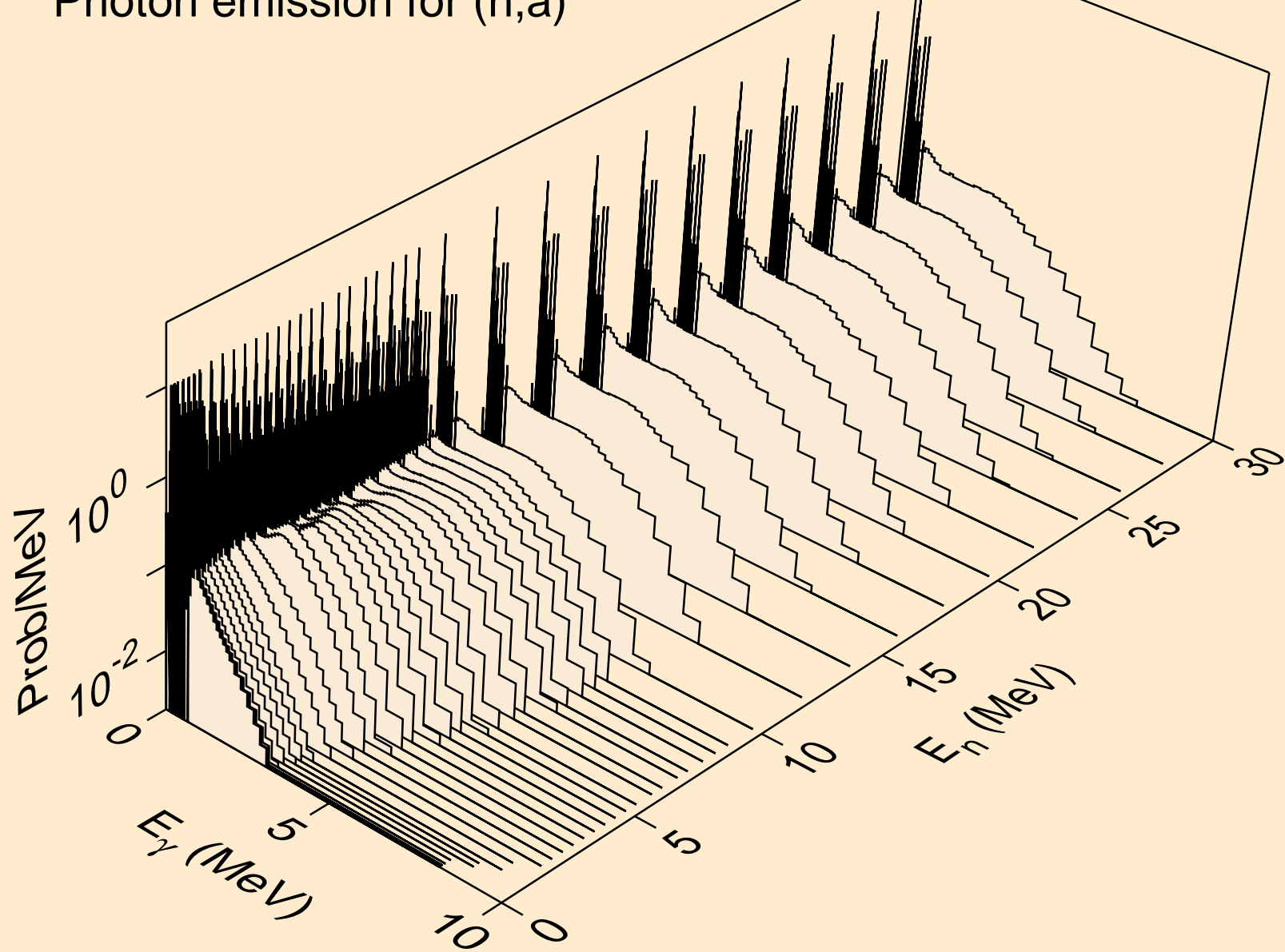
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Photon emission for (n,t)



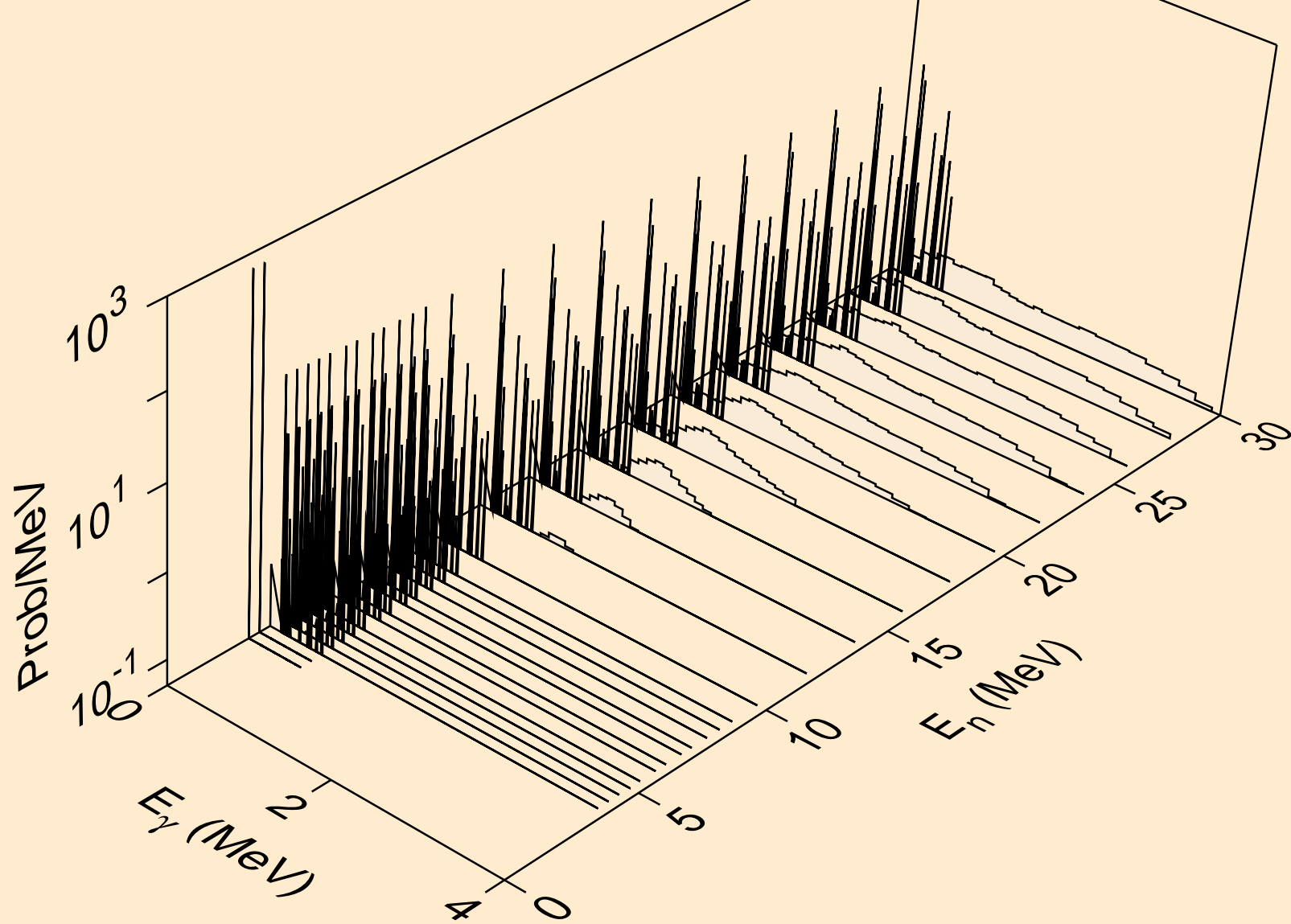
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Photon emission for (n,he3)



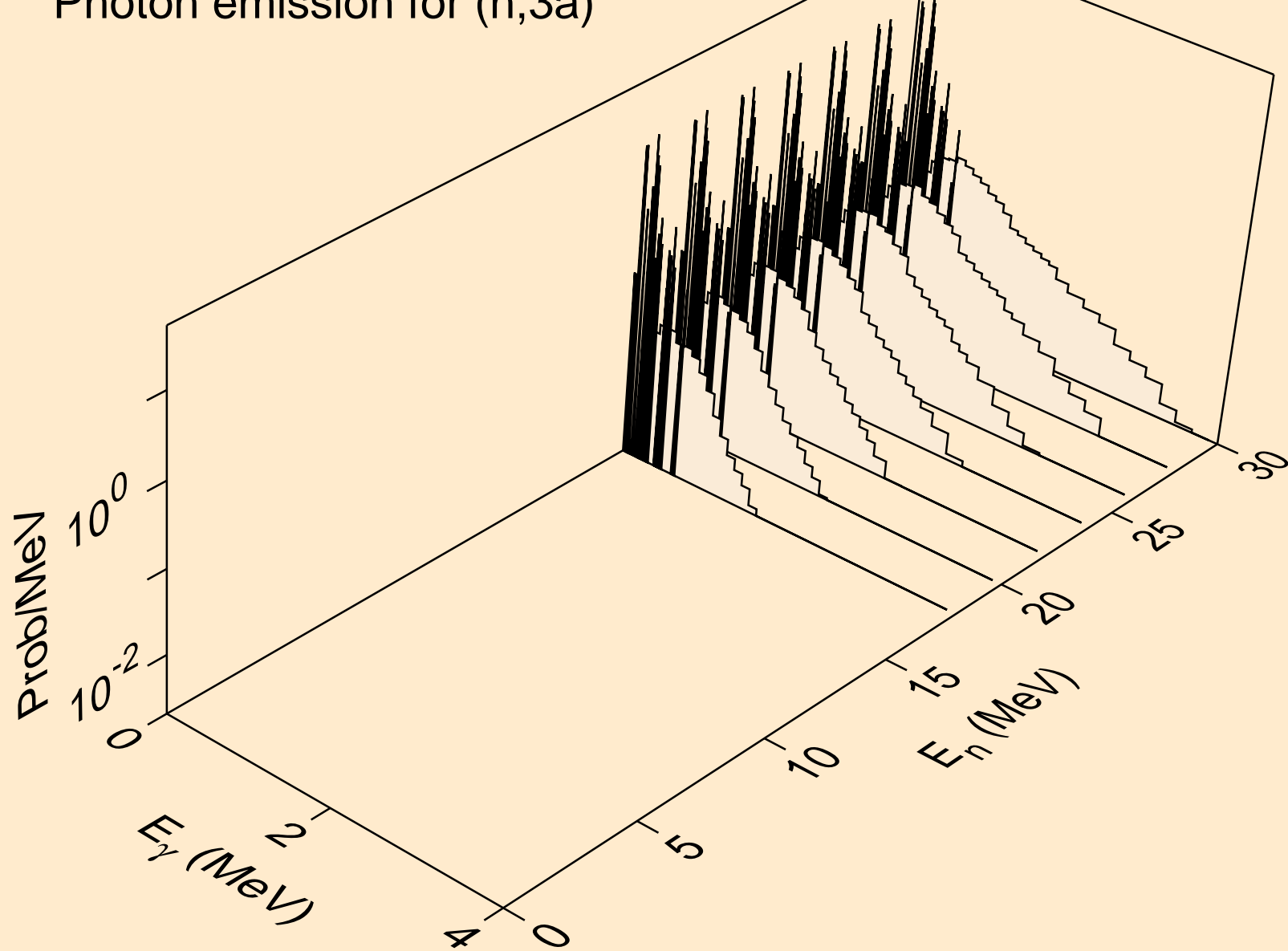
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



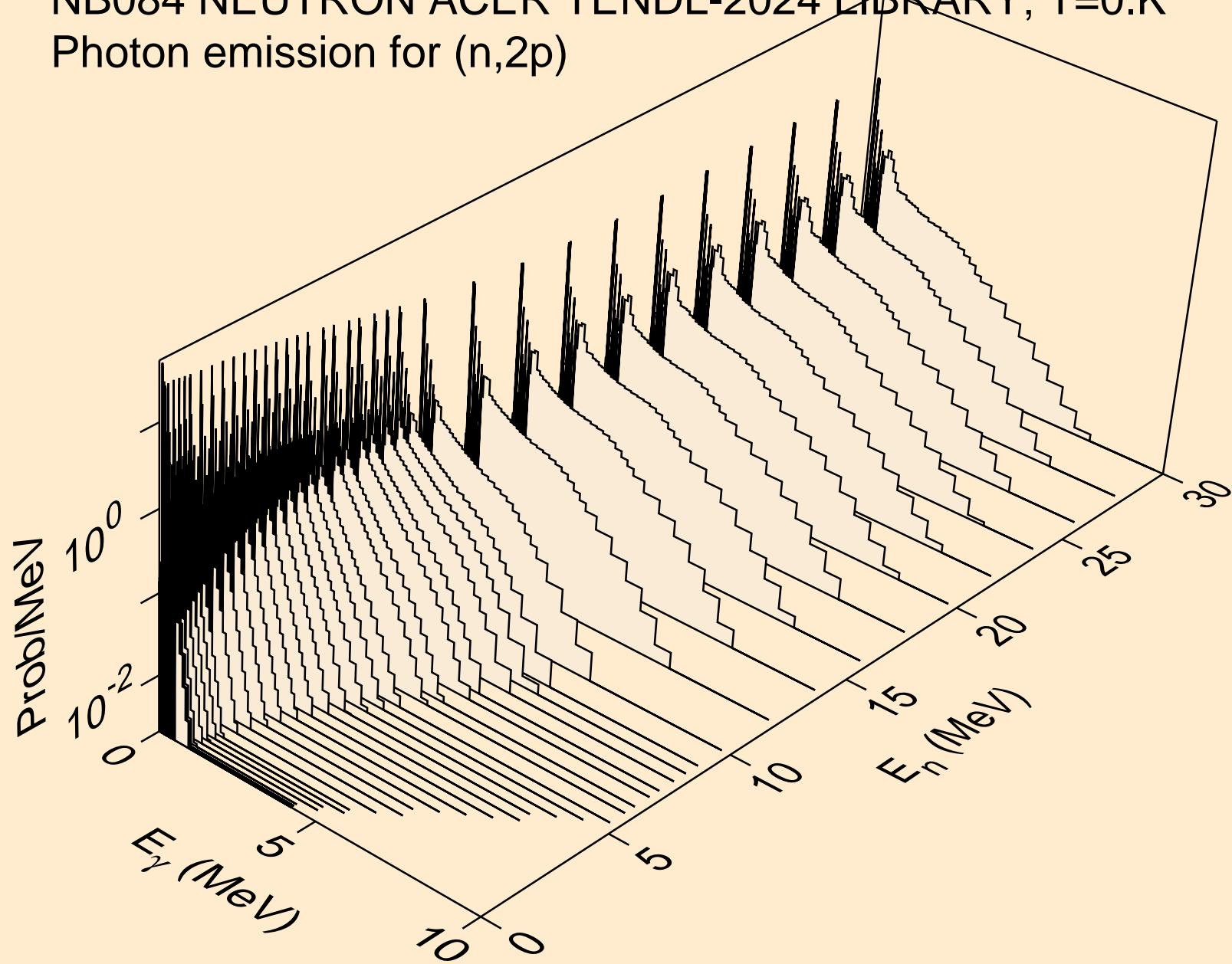
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Photon emission for (n,2a)



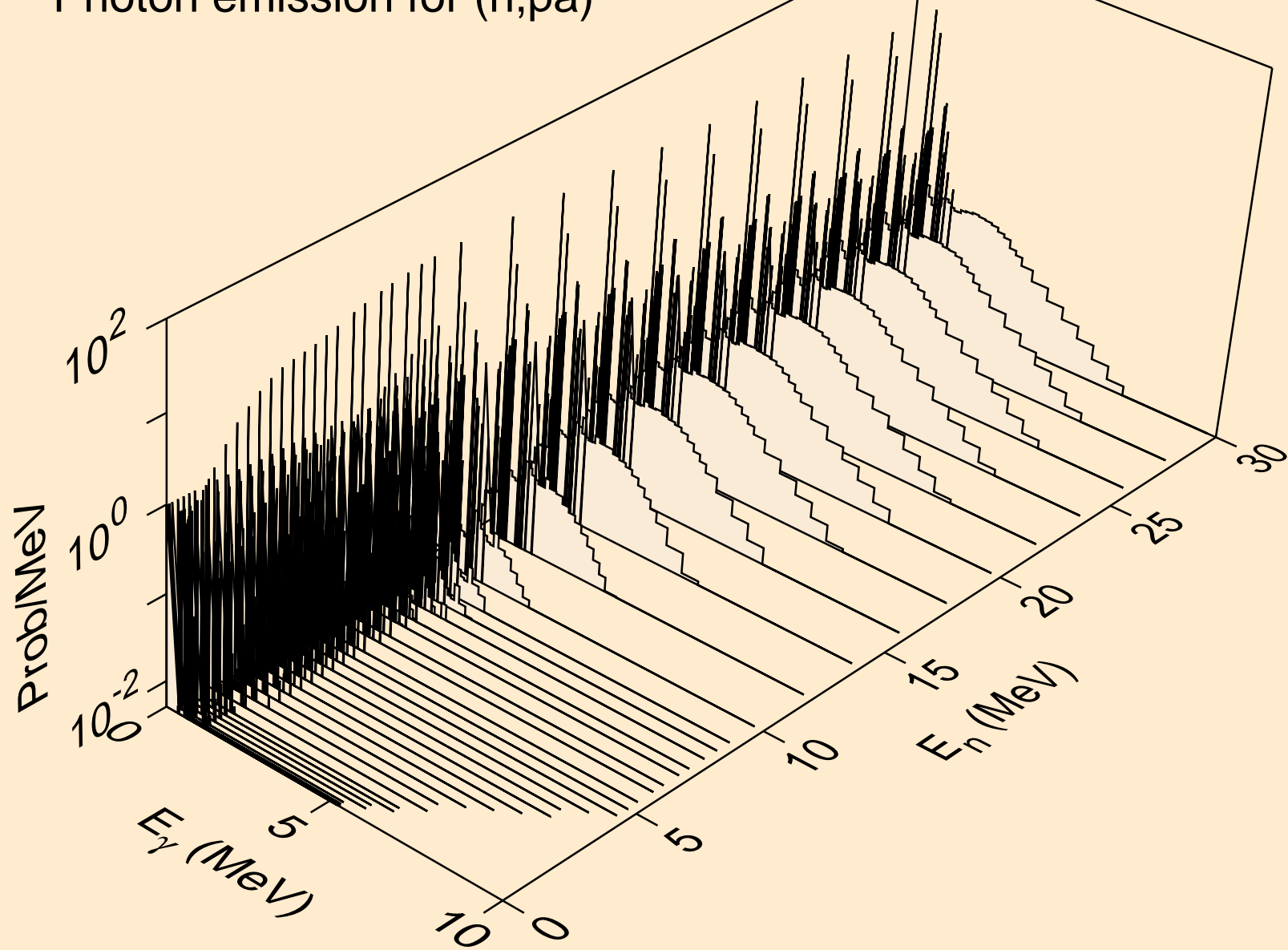
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Photon emission for (n,3a)



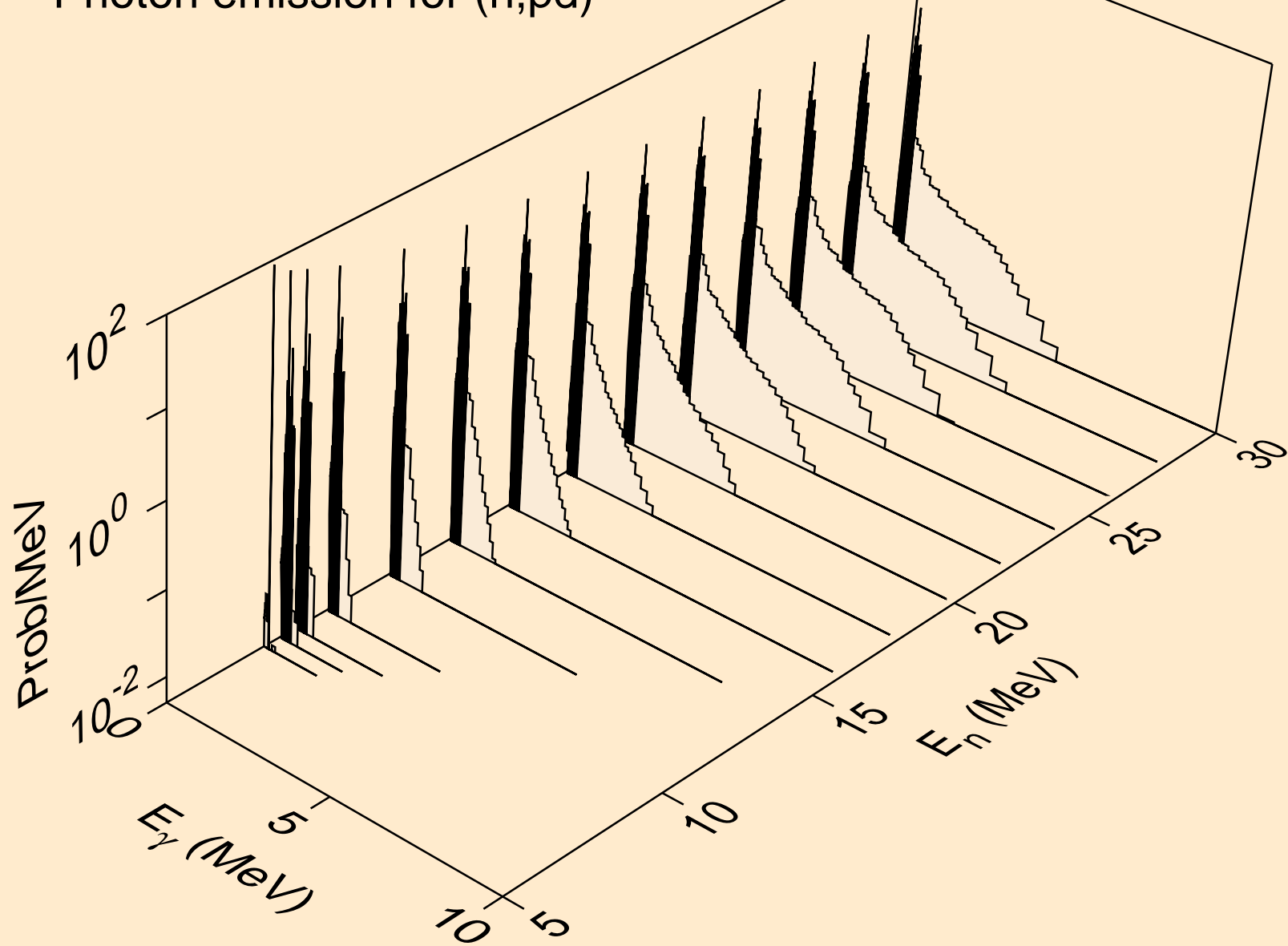
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

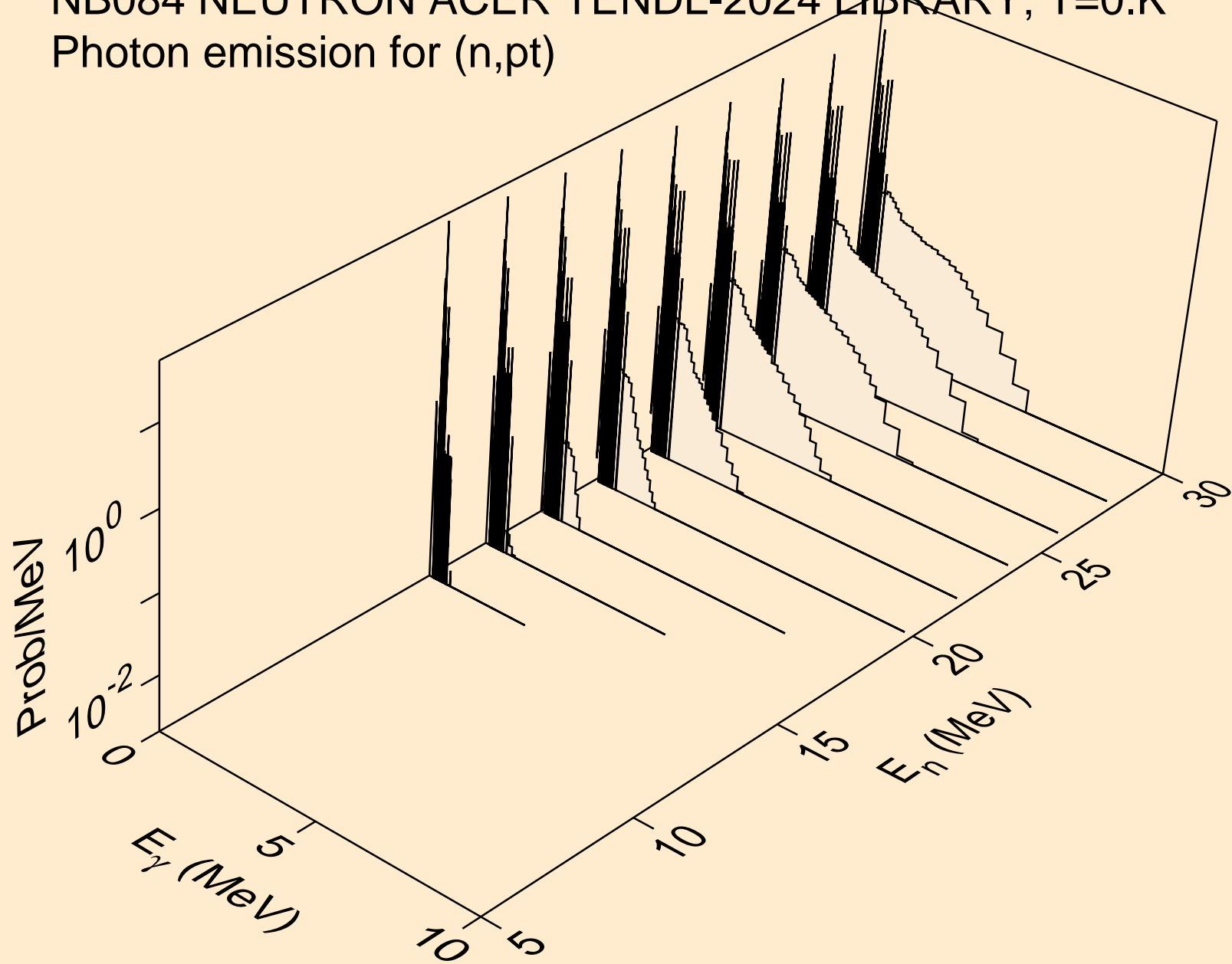


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

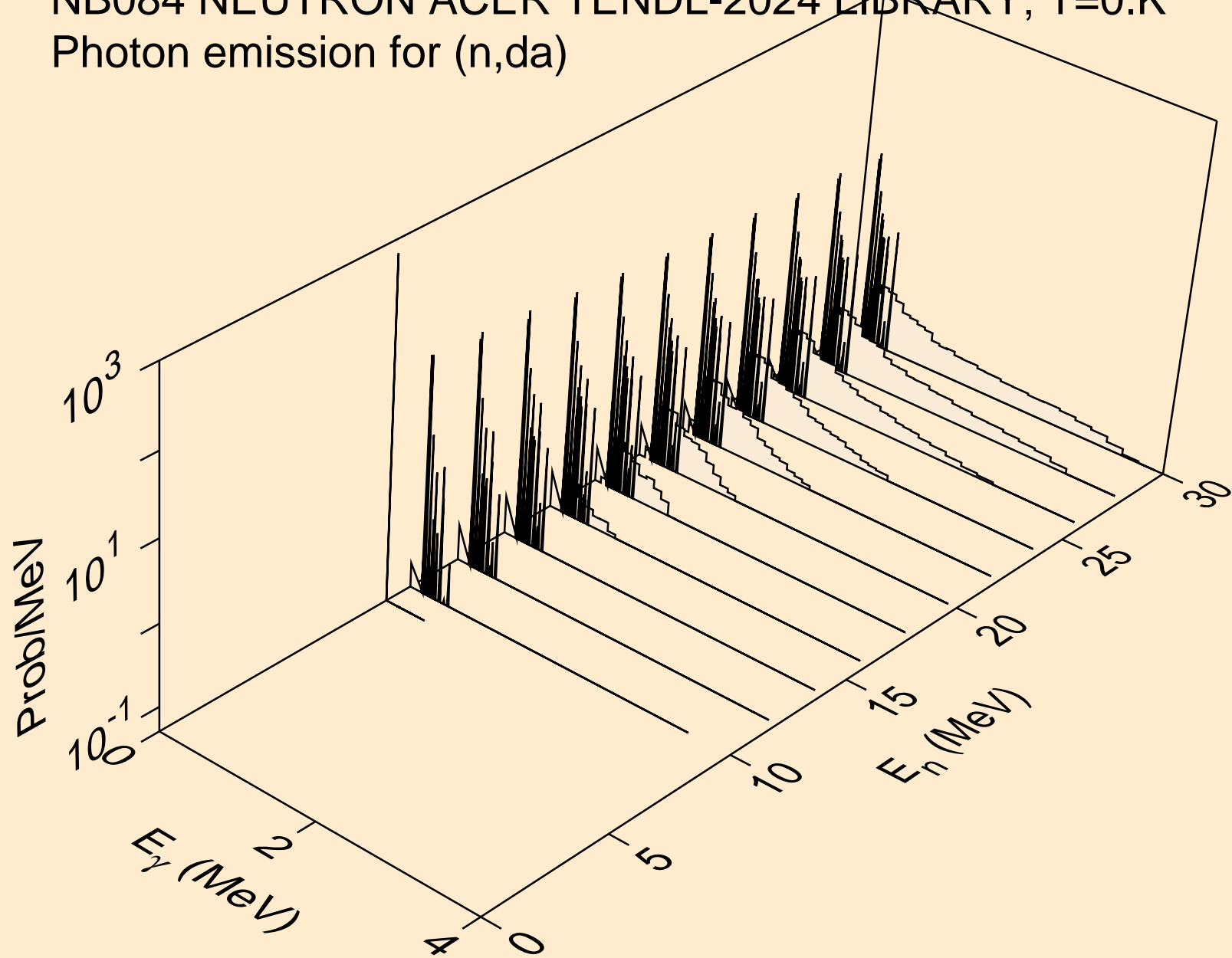




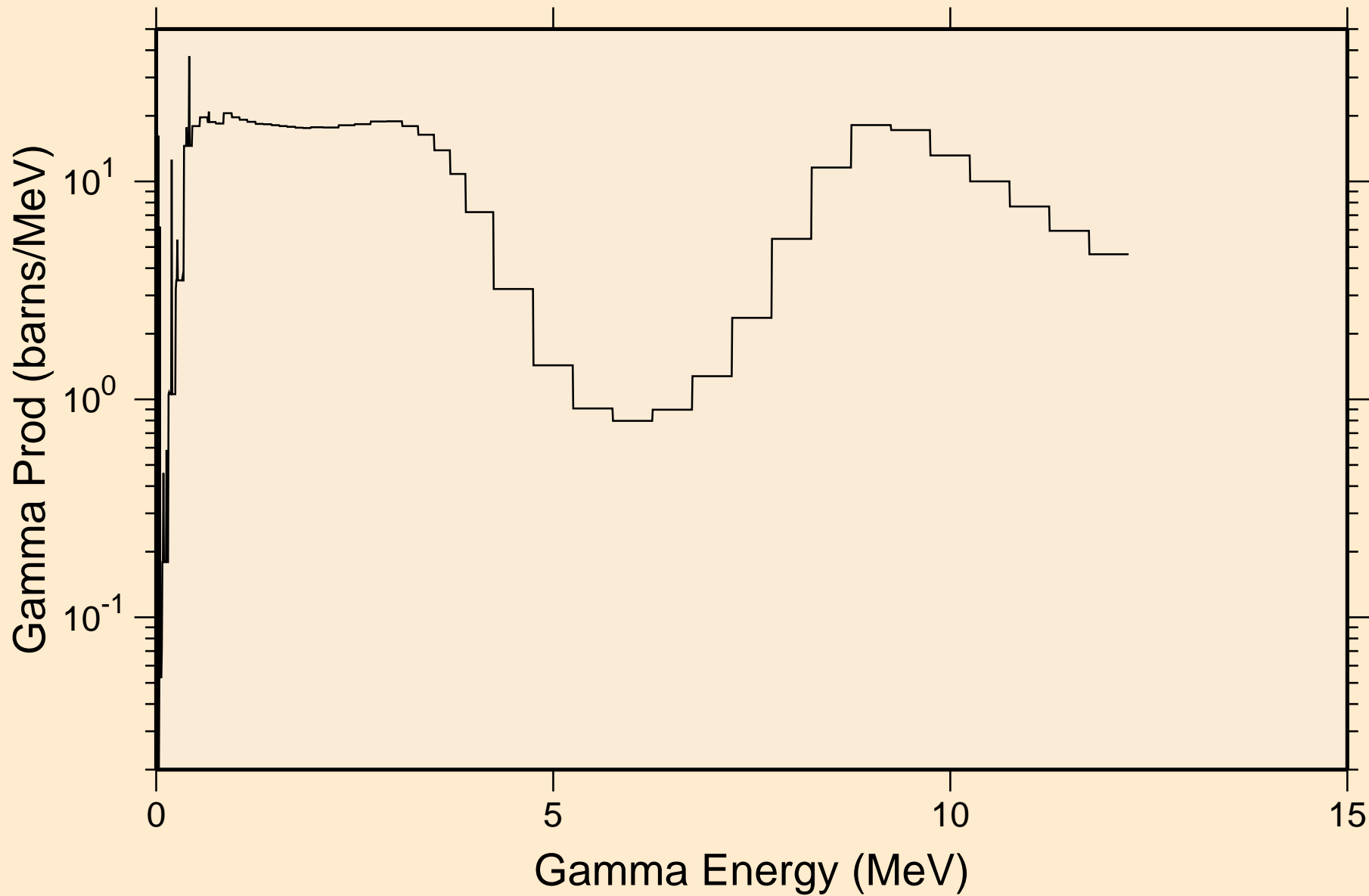
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



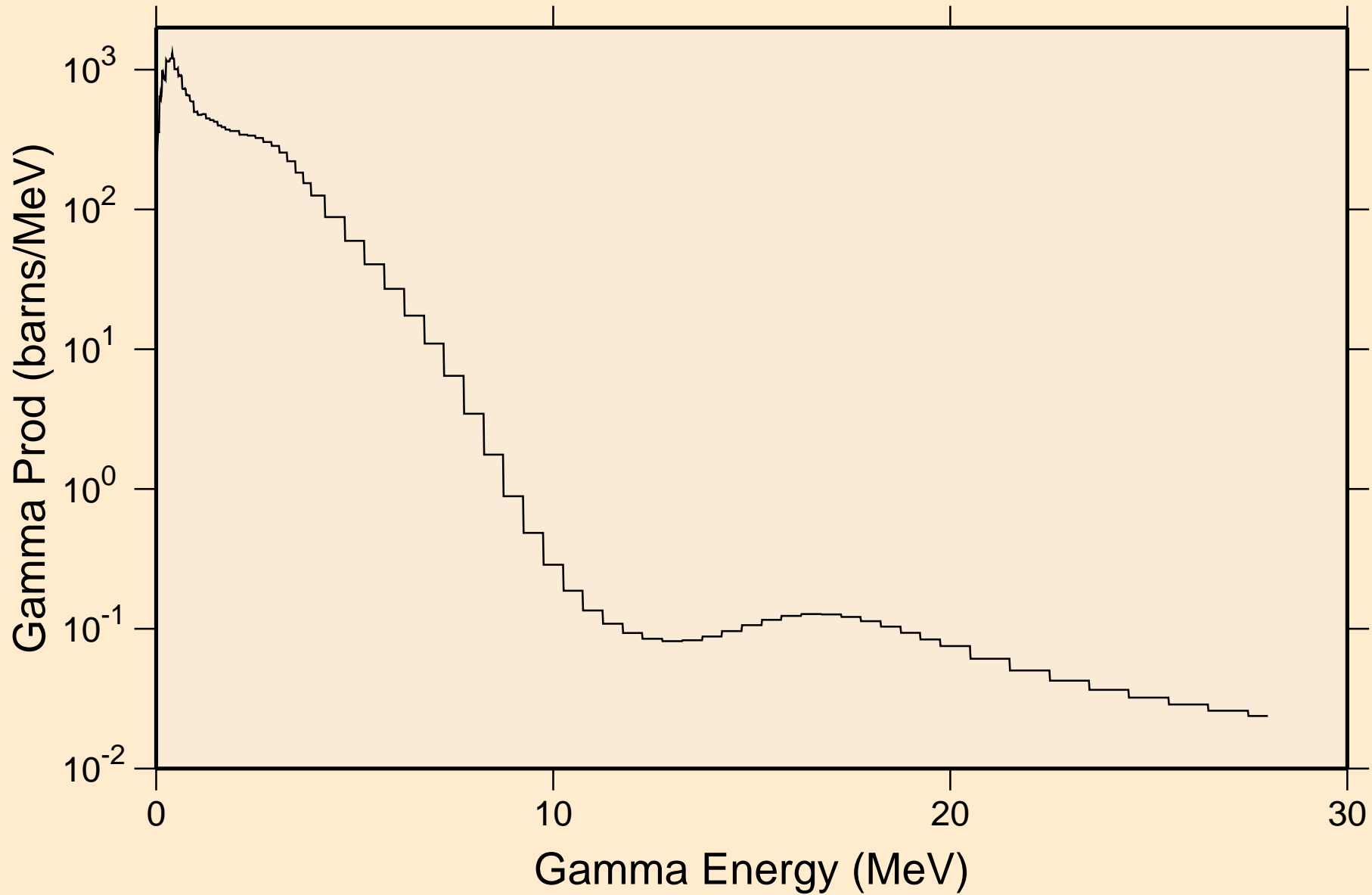
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

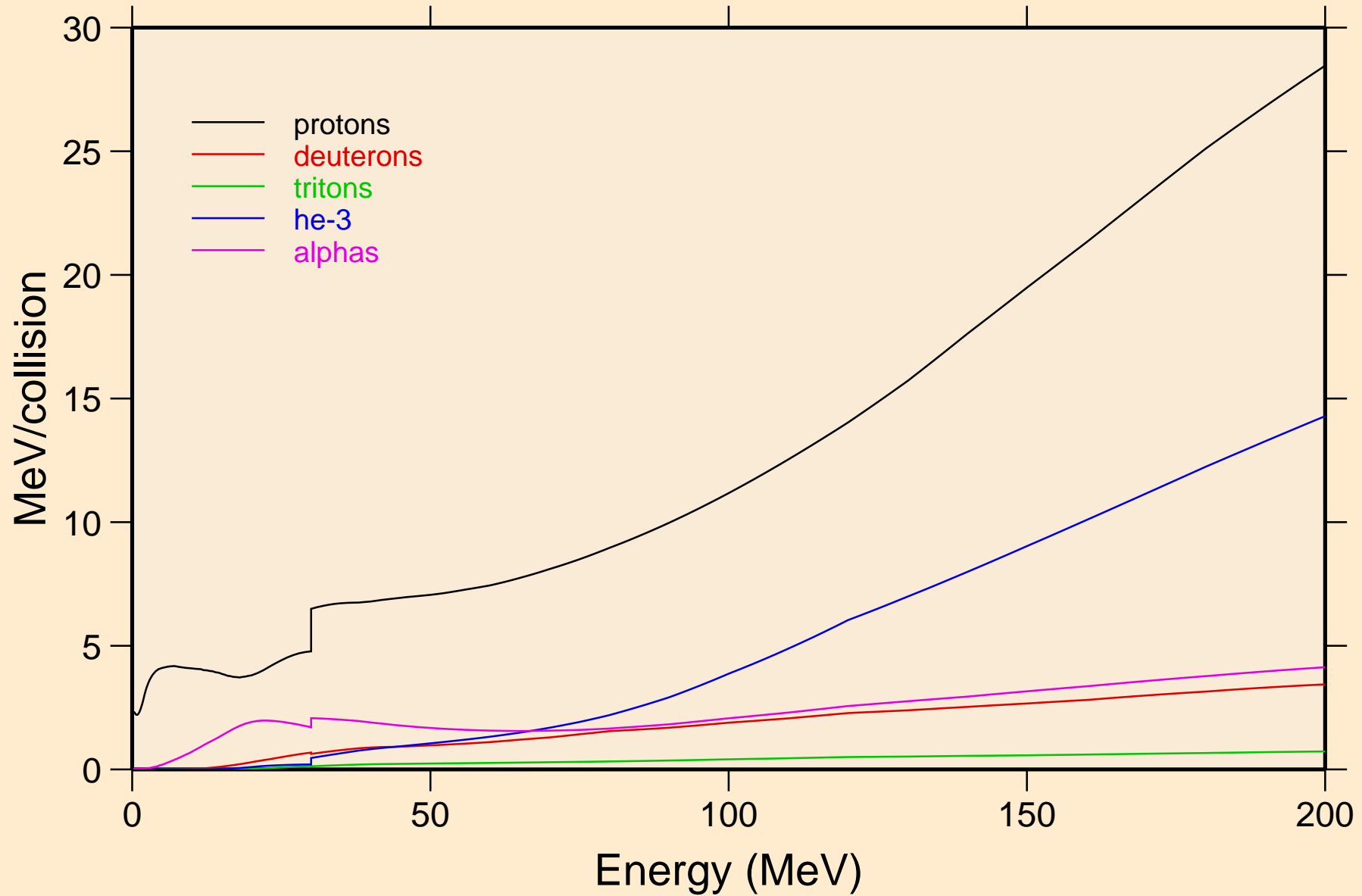


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

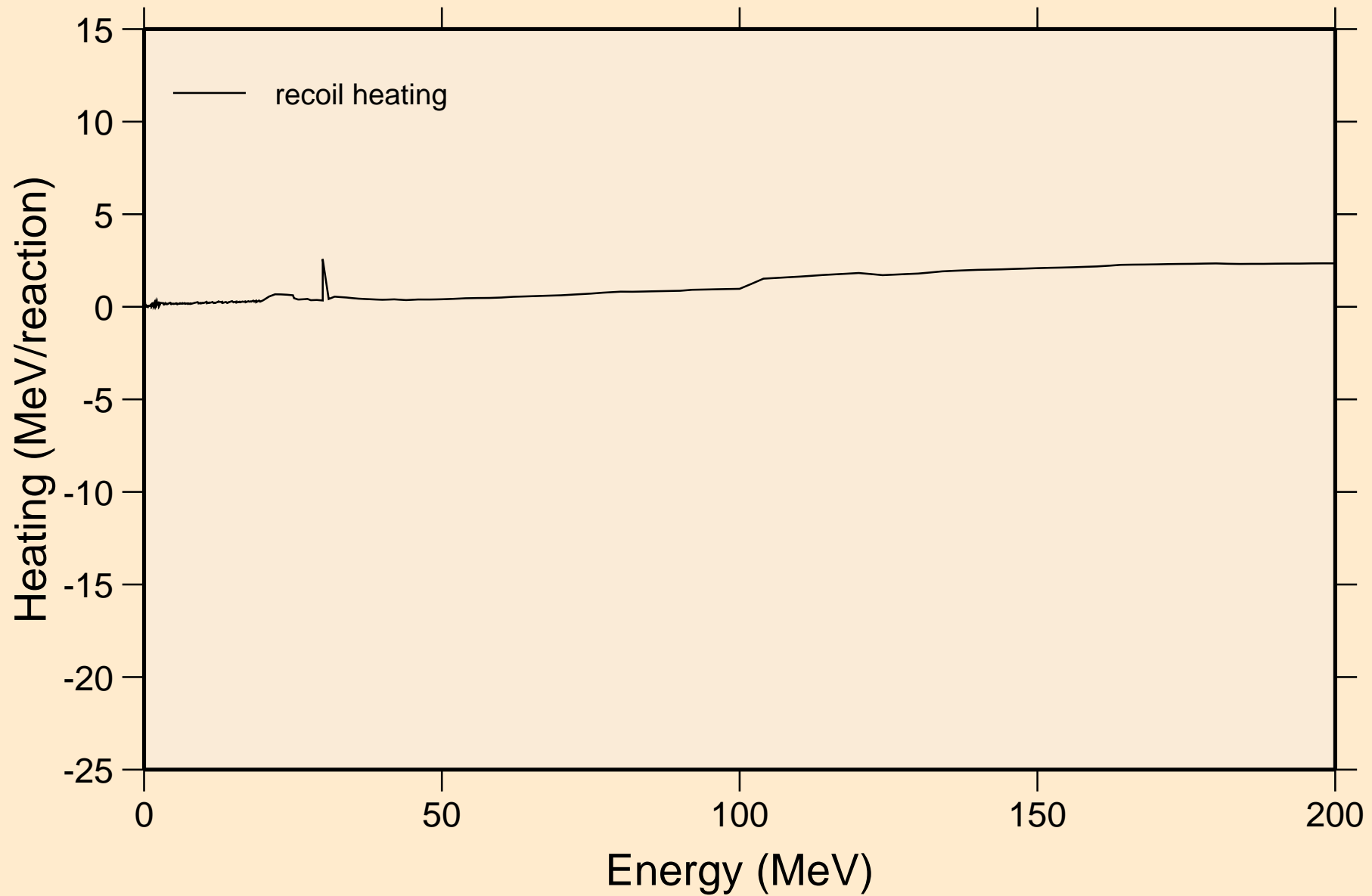


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

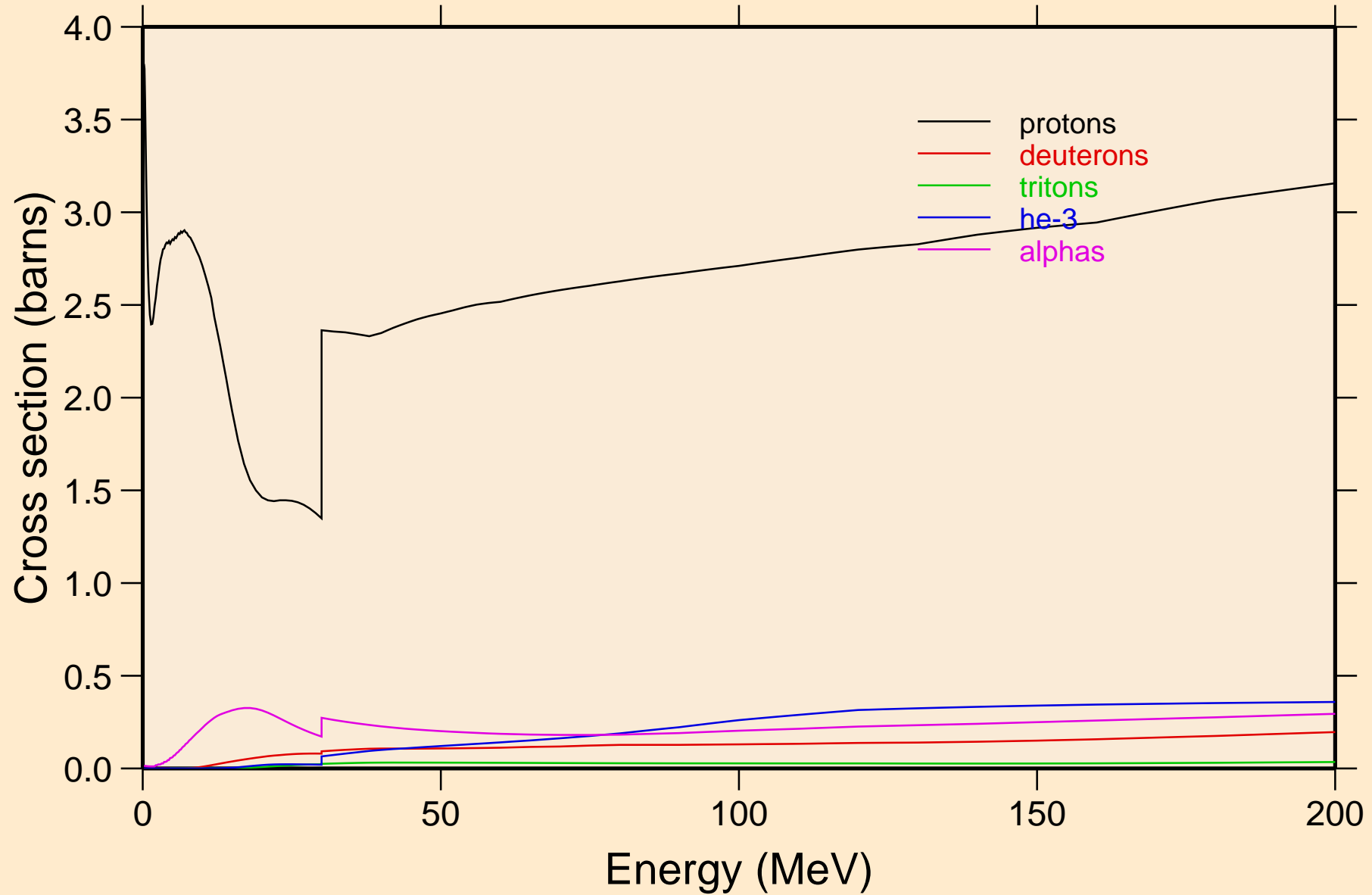


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

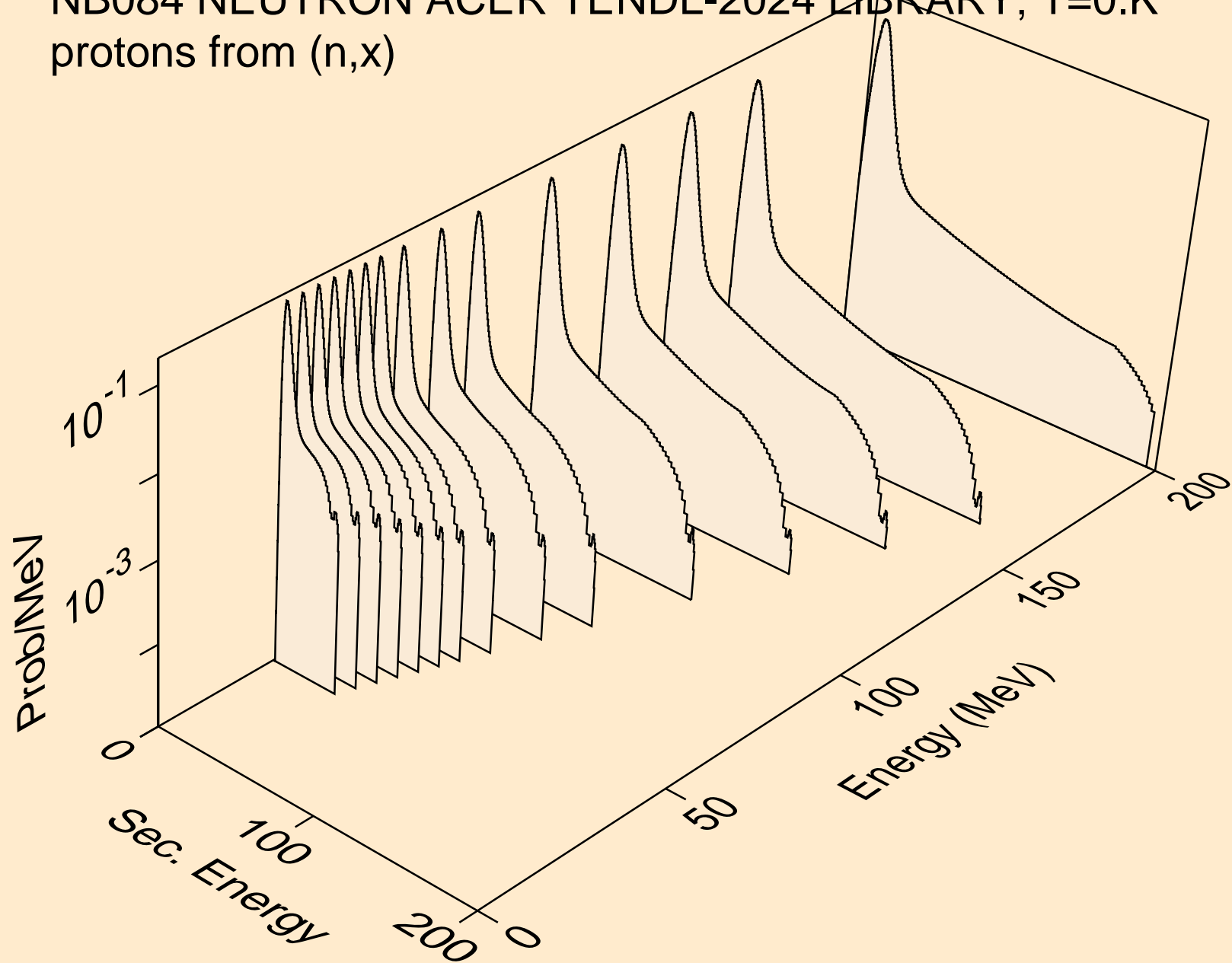


# NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

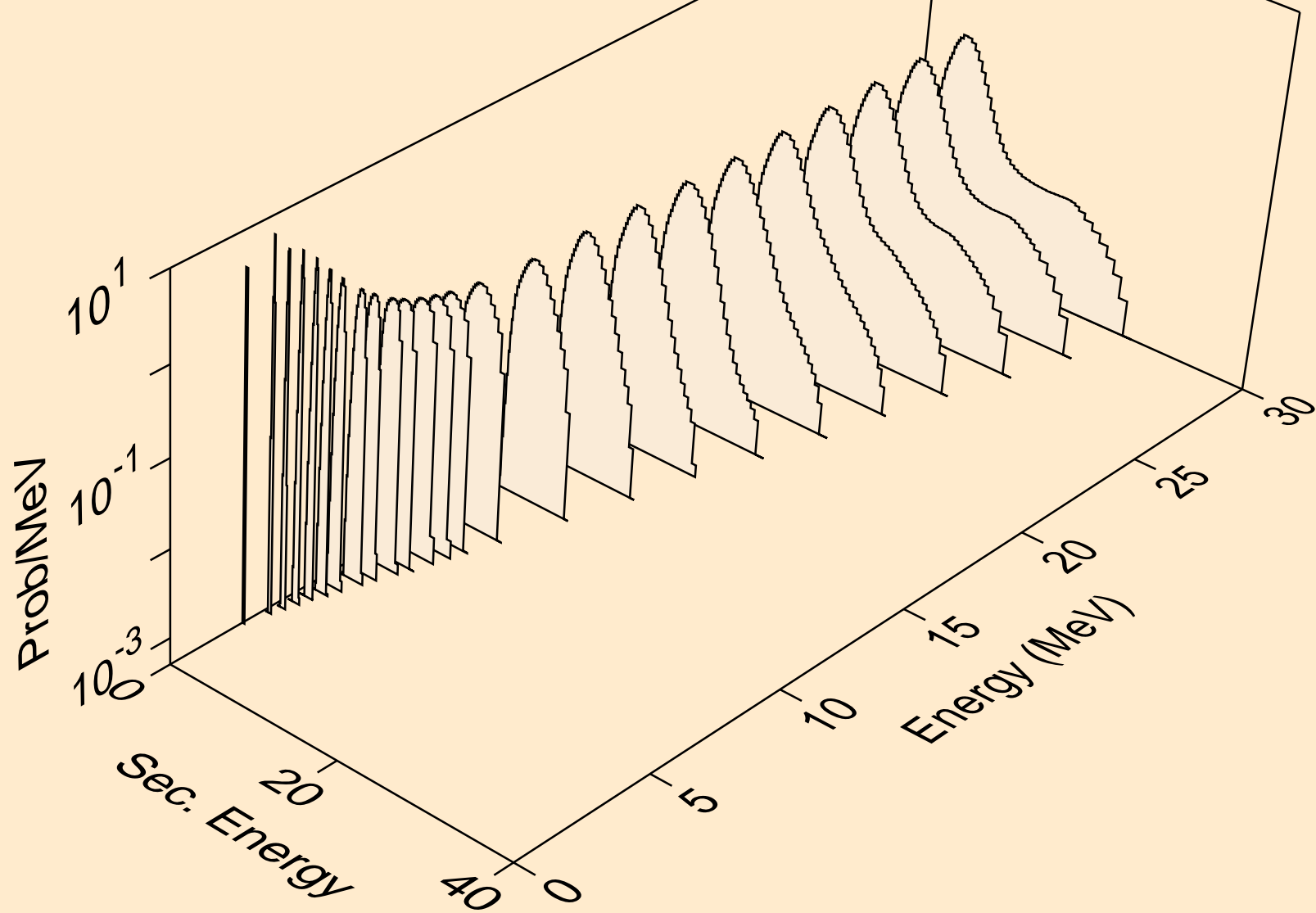


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

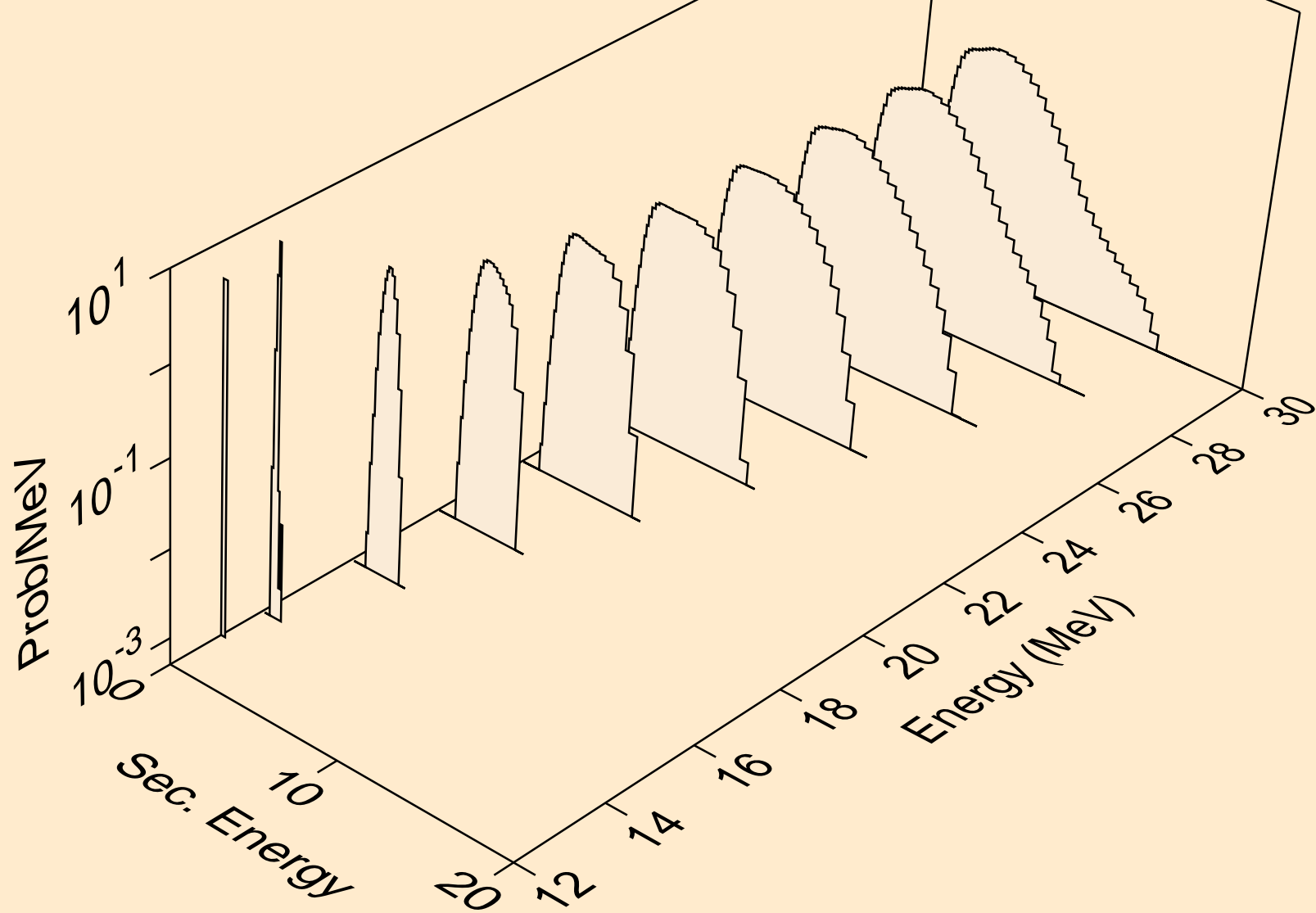




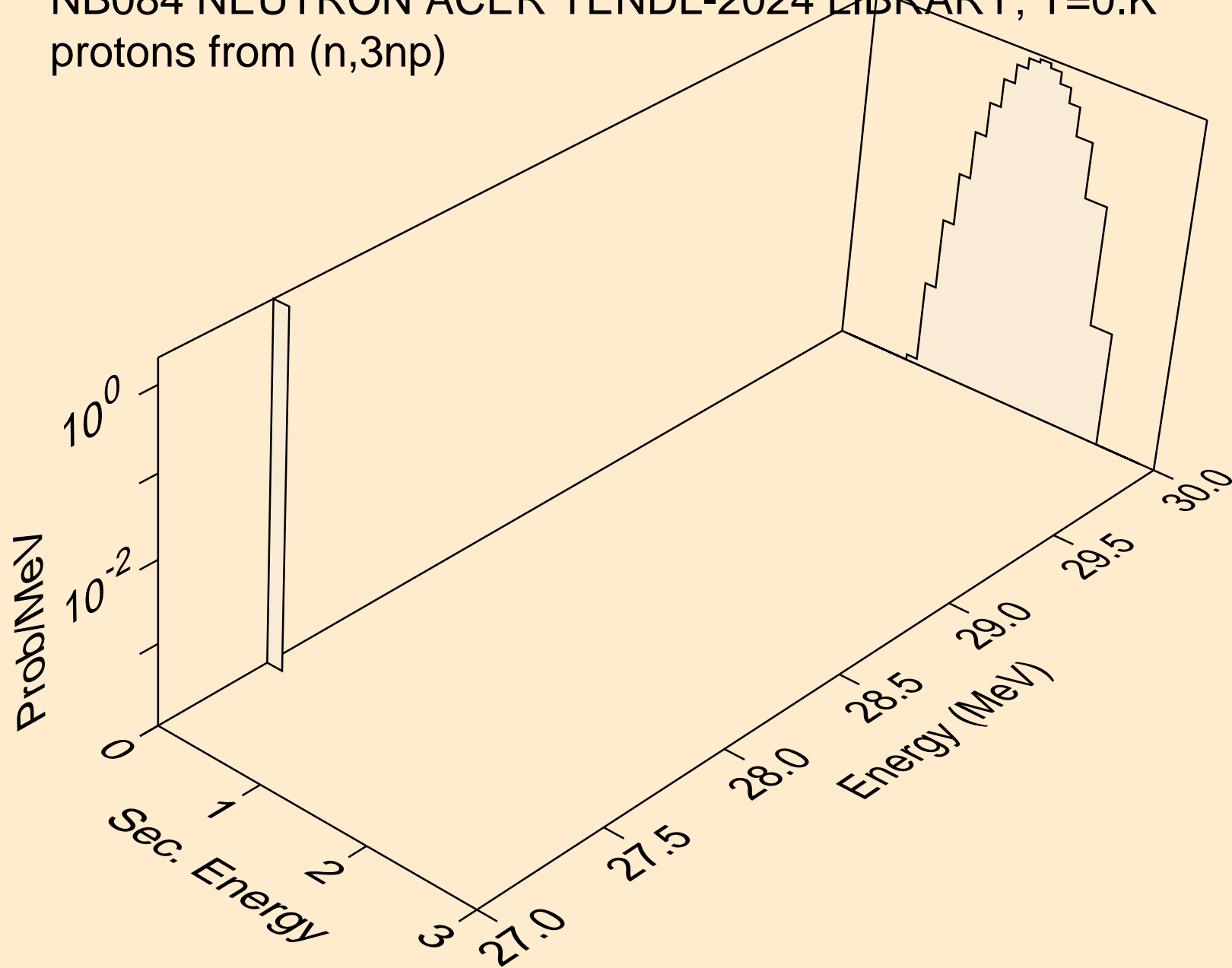
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



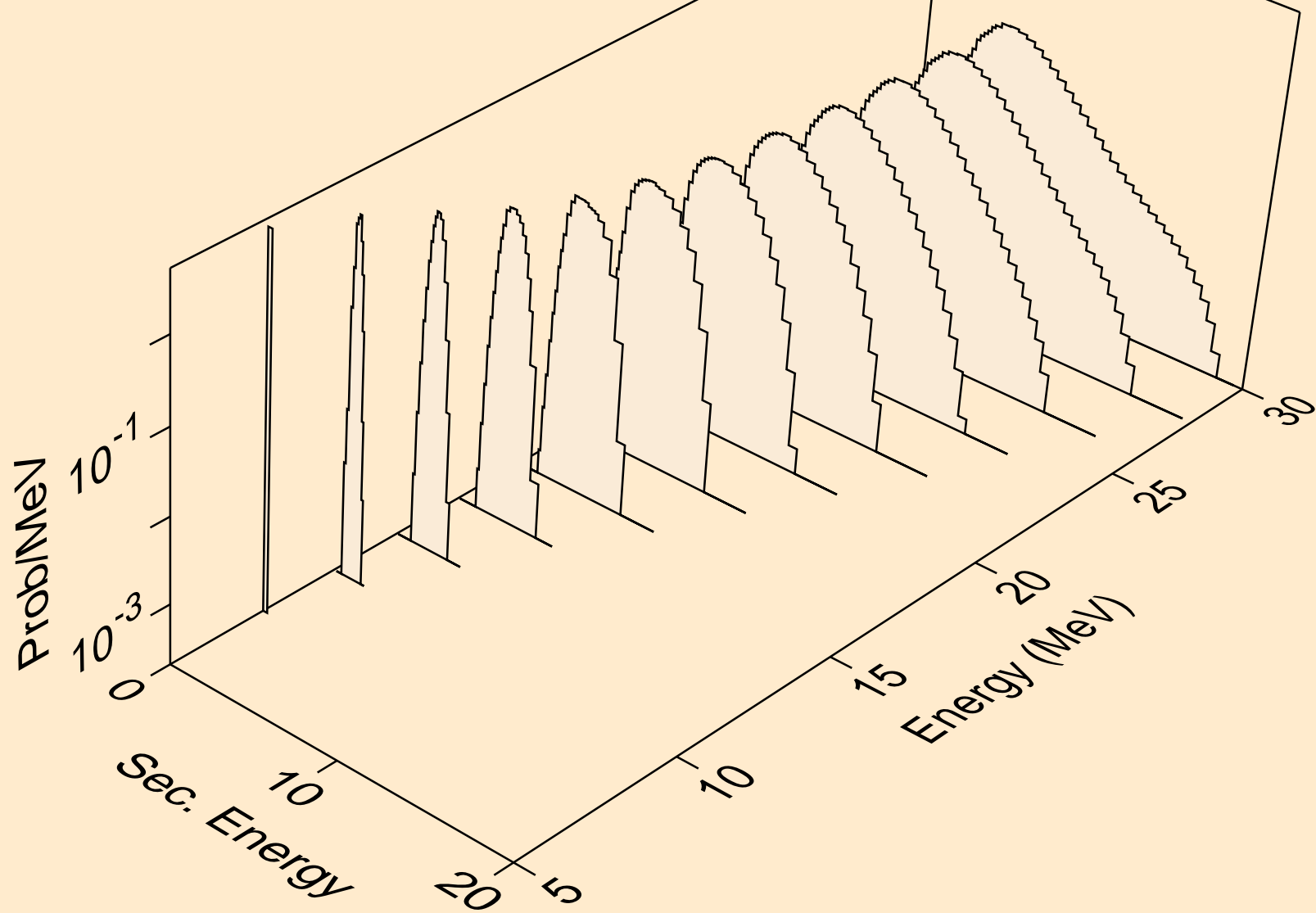
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



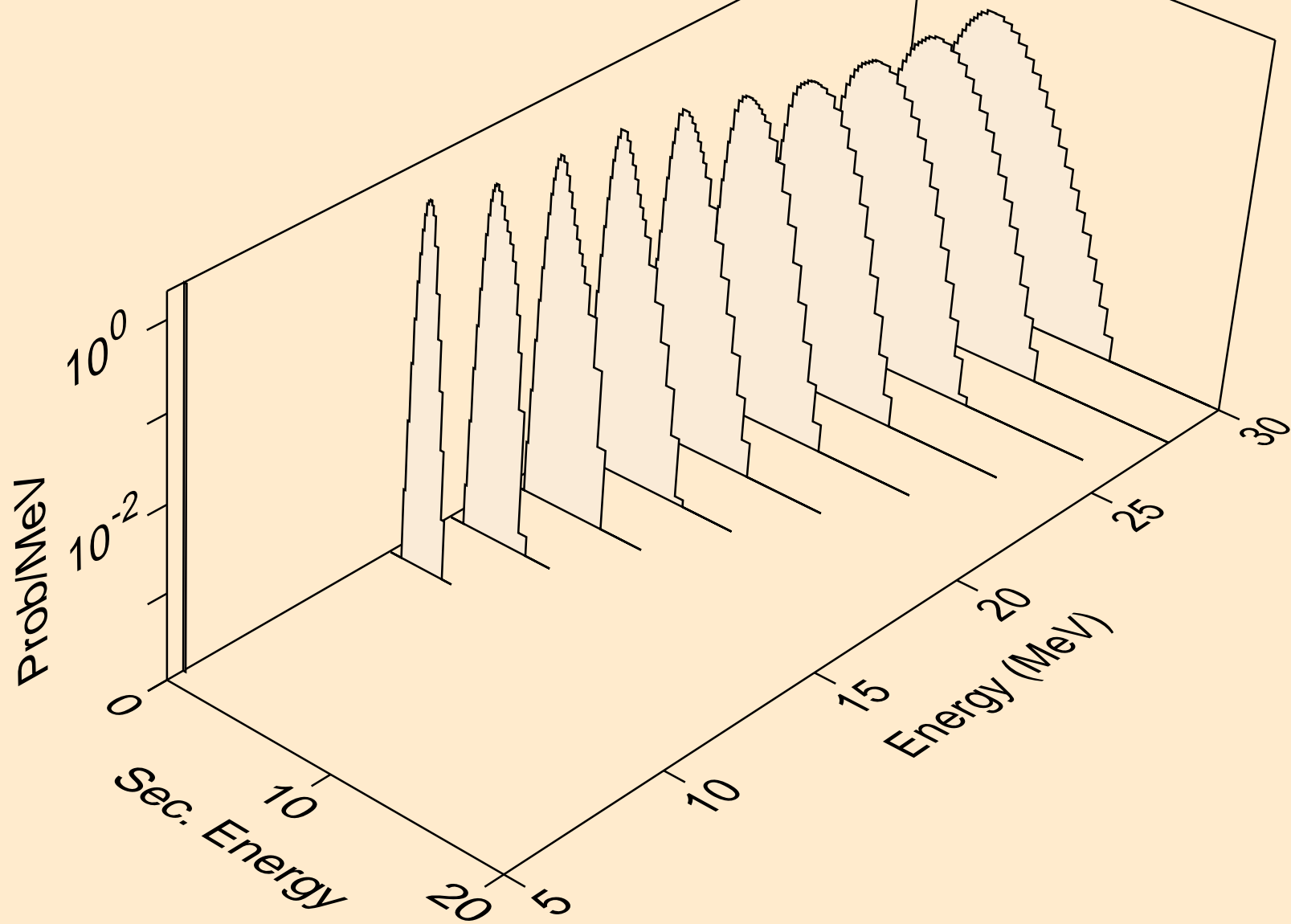
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



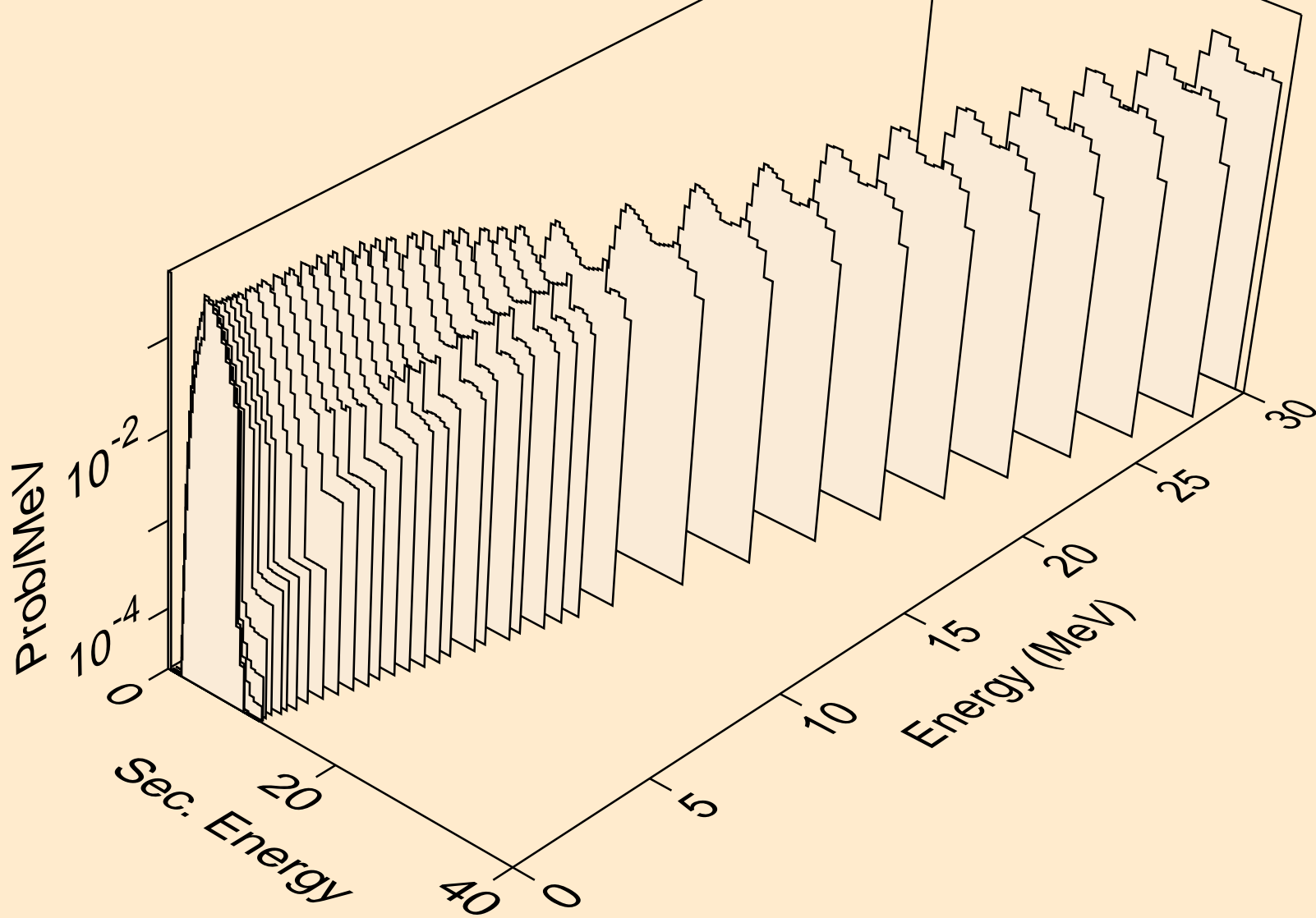
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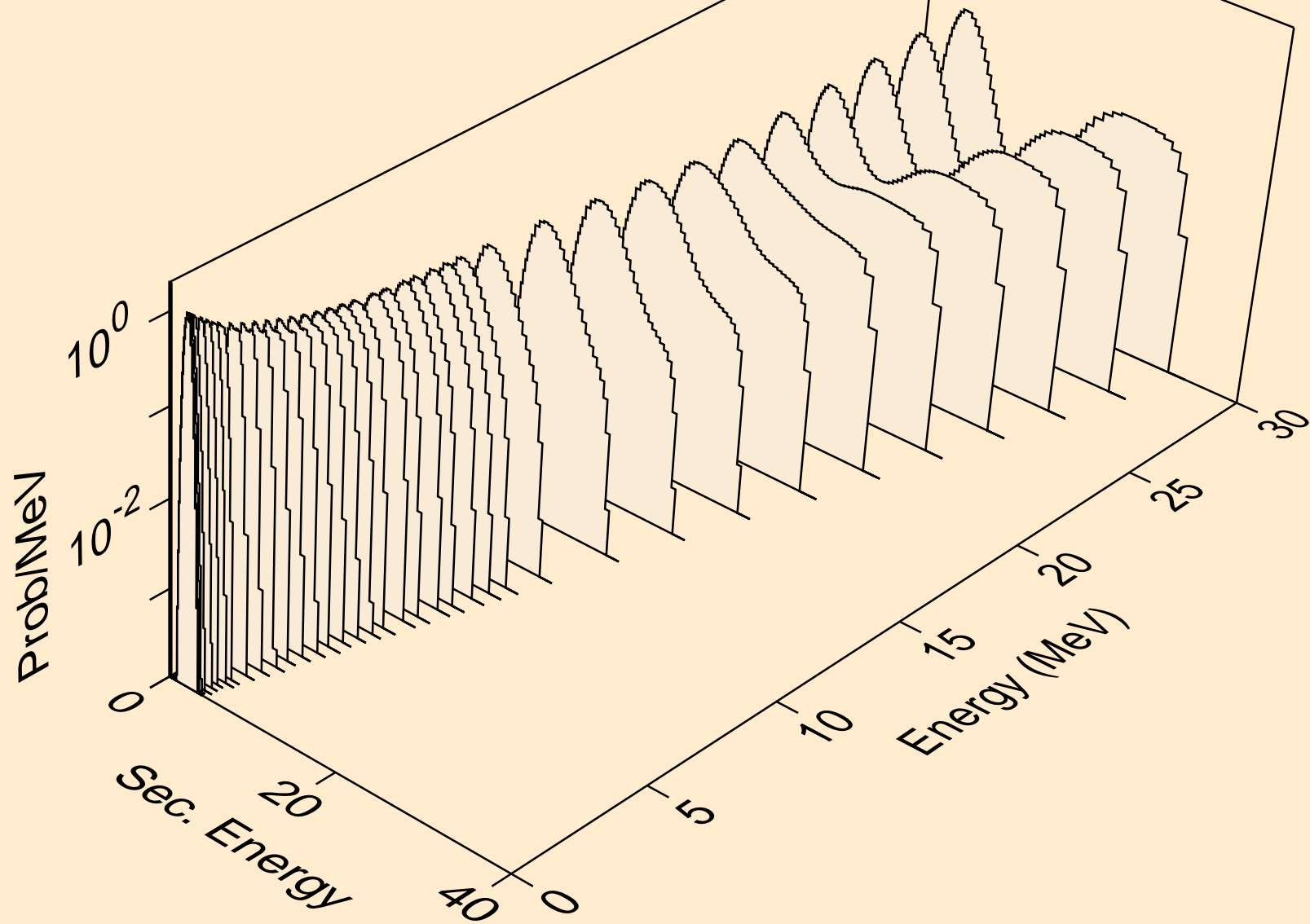
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protons from (n,npa)



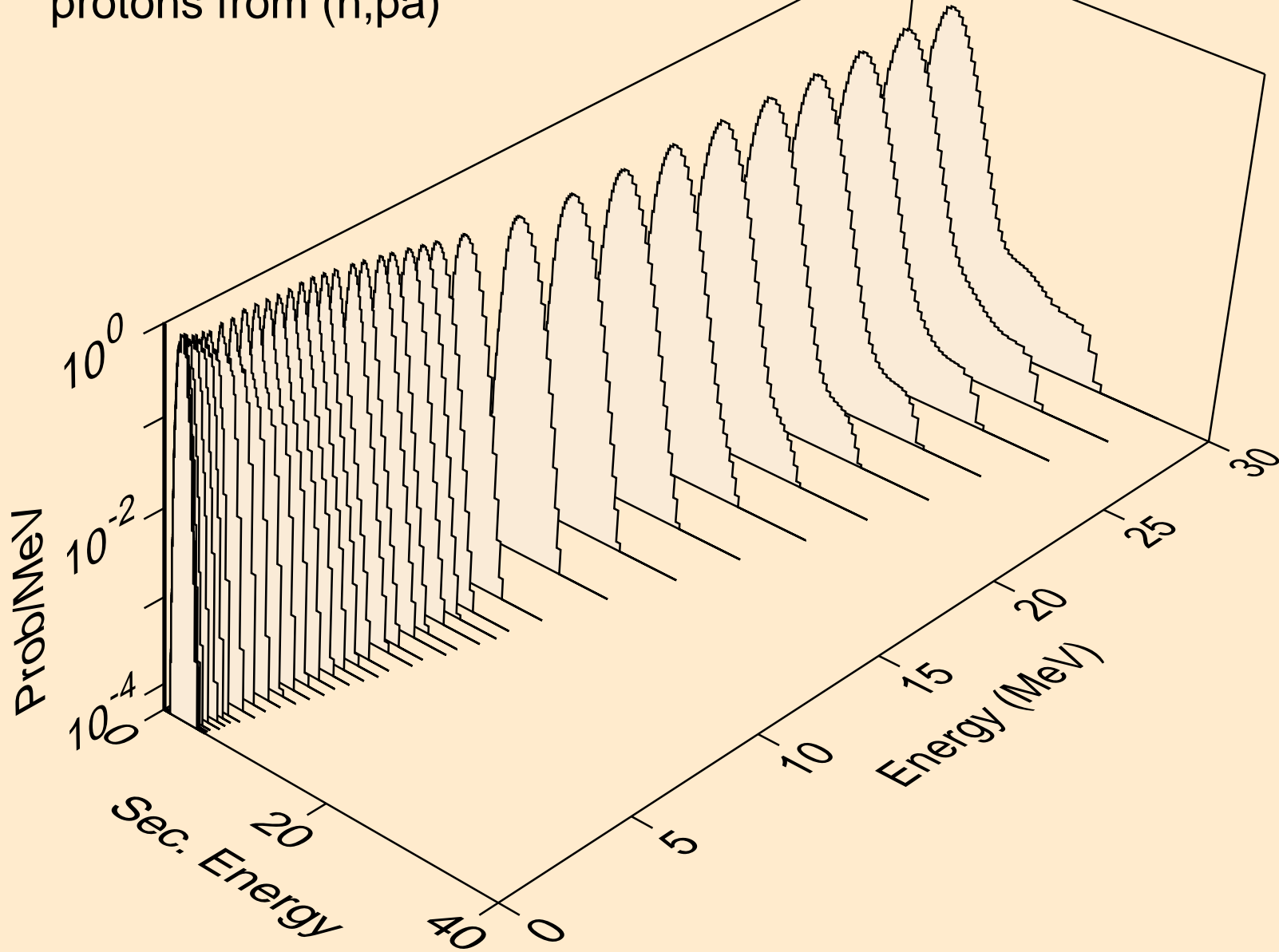
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

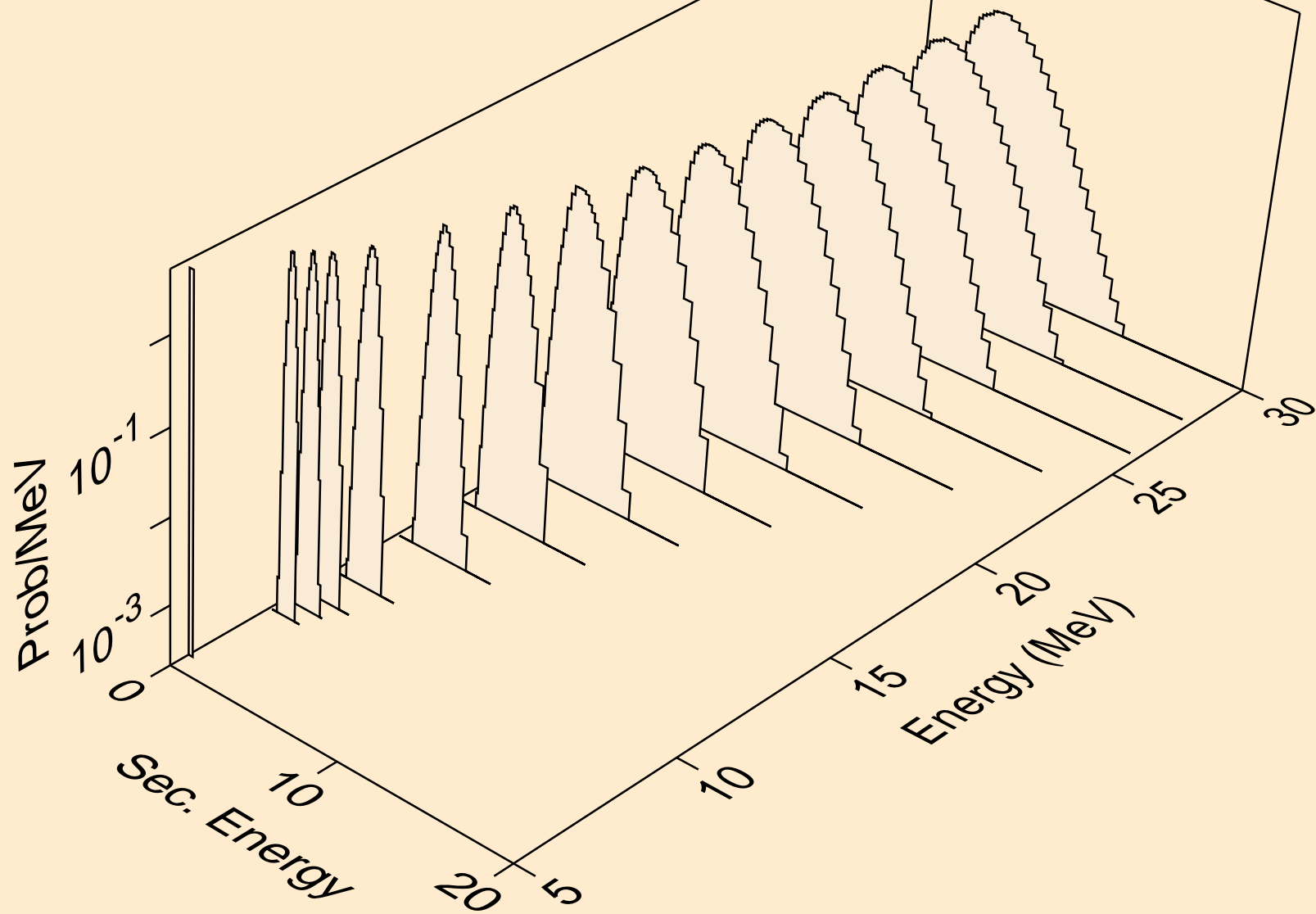


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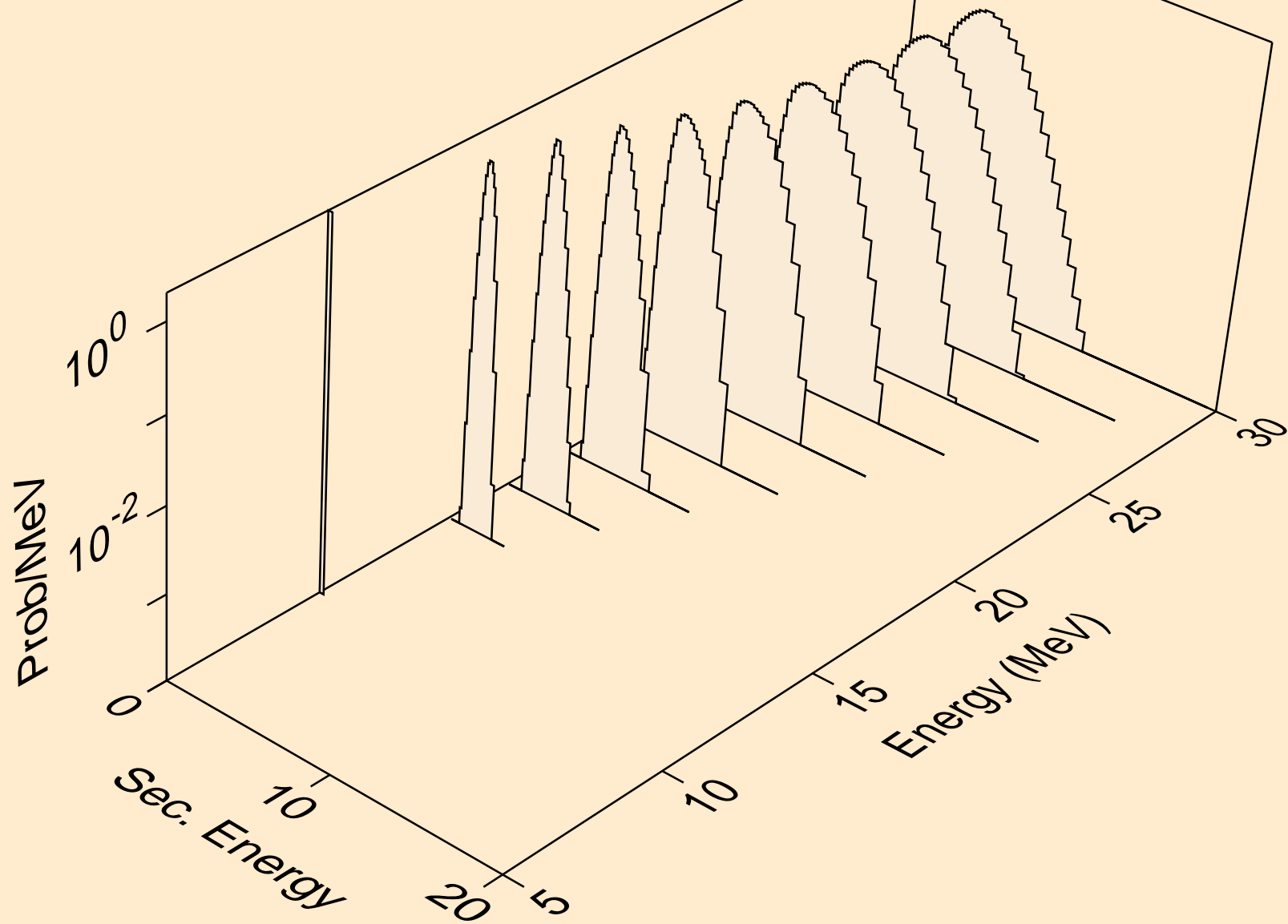




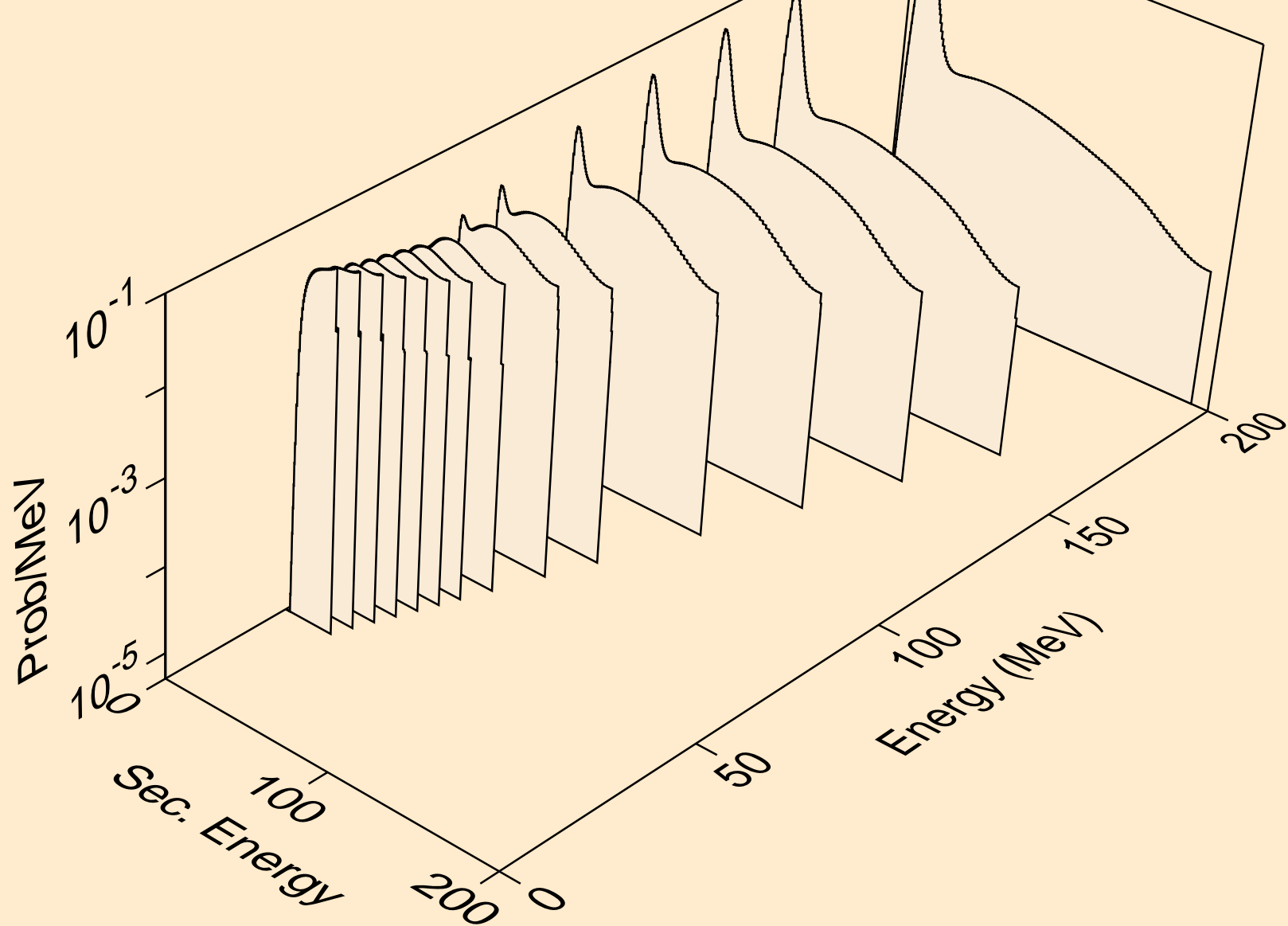
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protons from (n,pd)



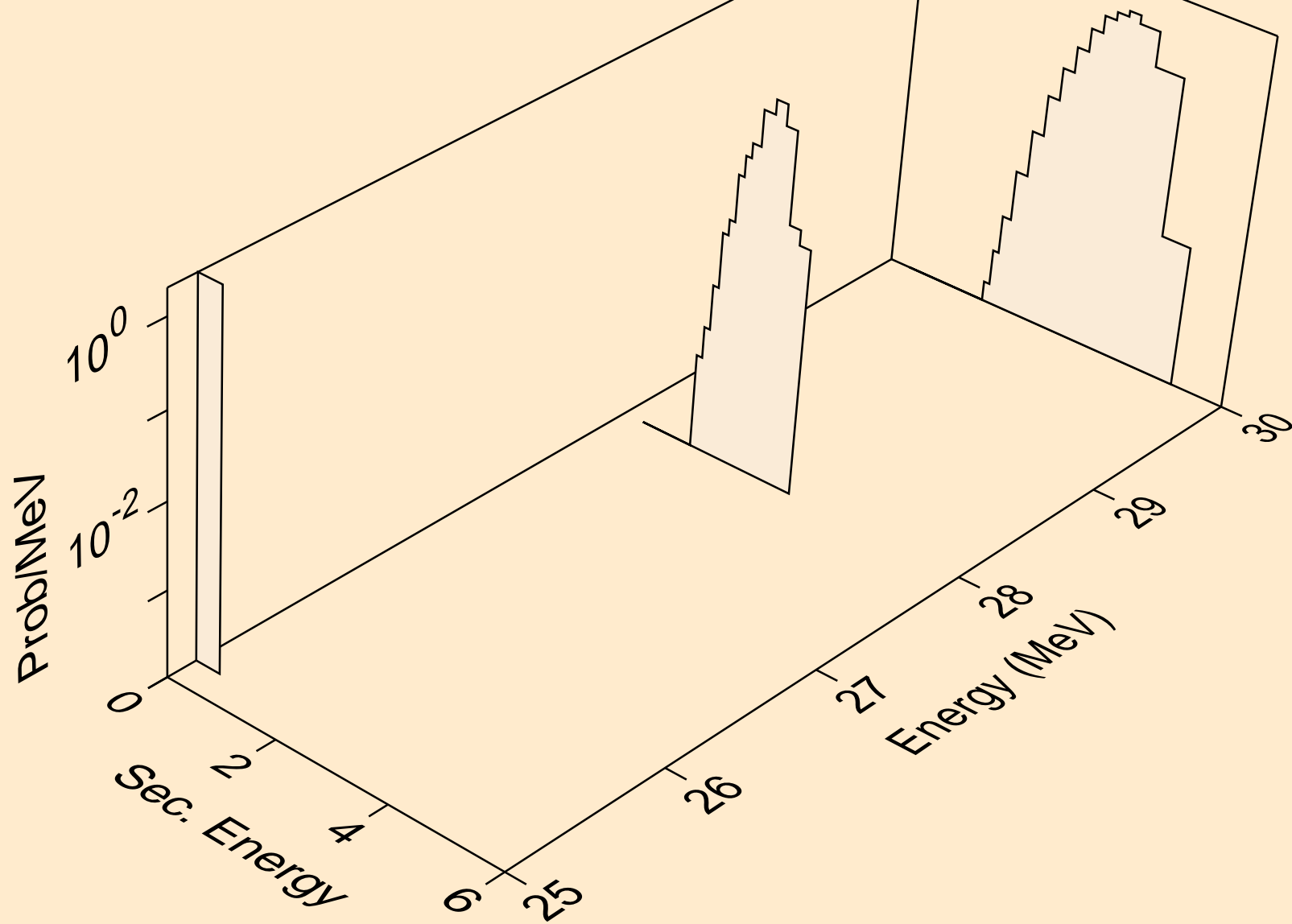
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protons from (n,pt)



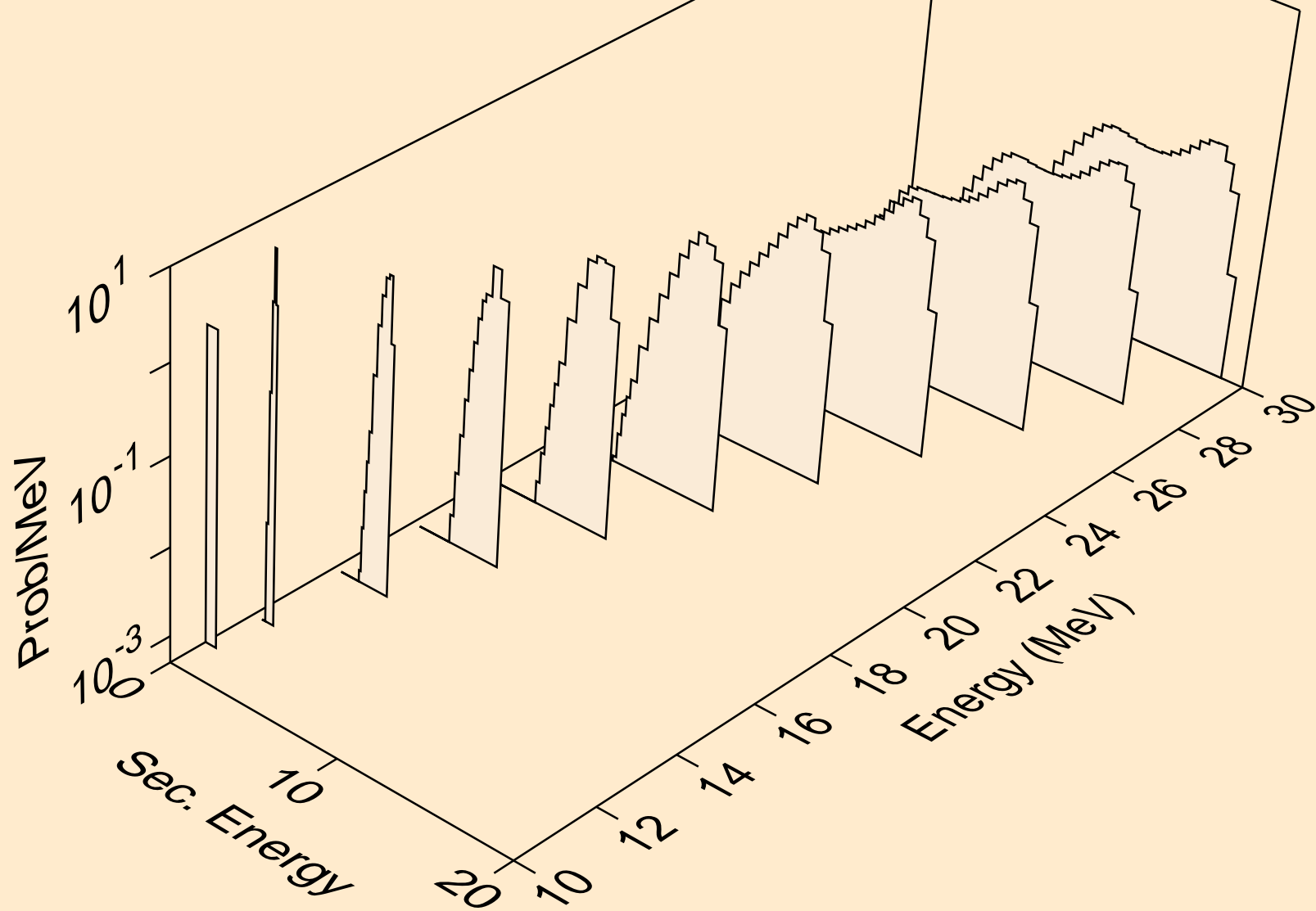
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deuterons from (n,x)



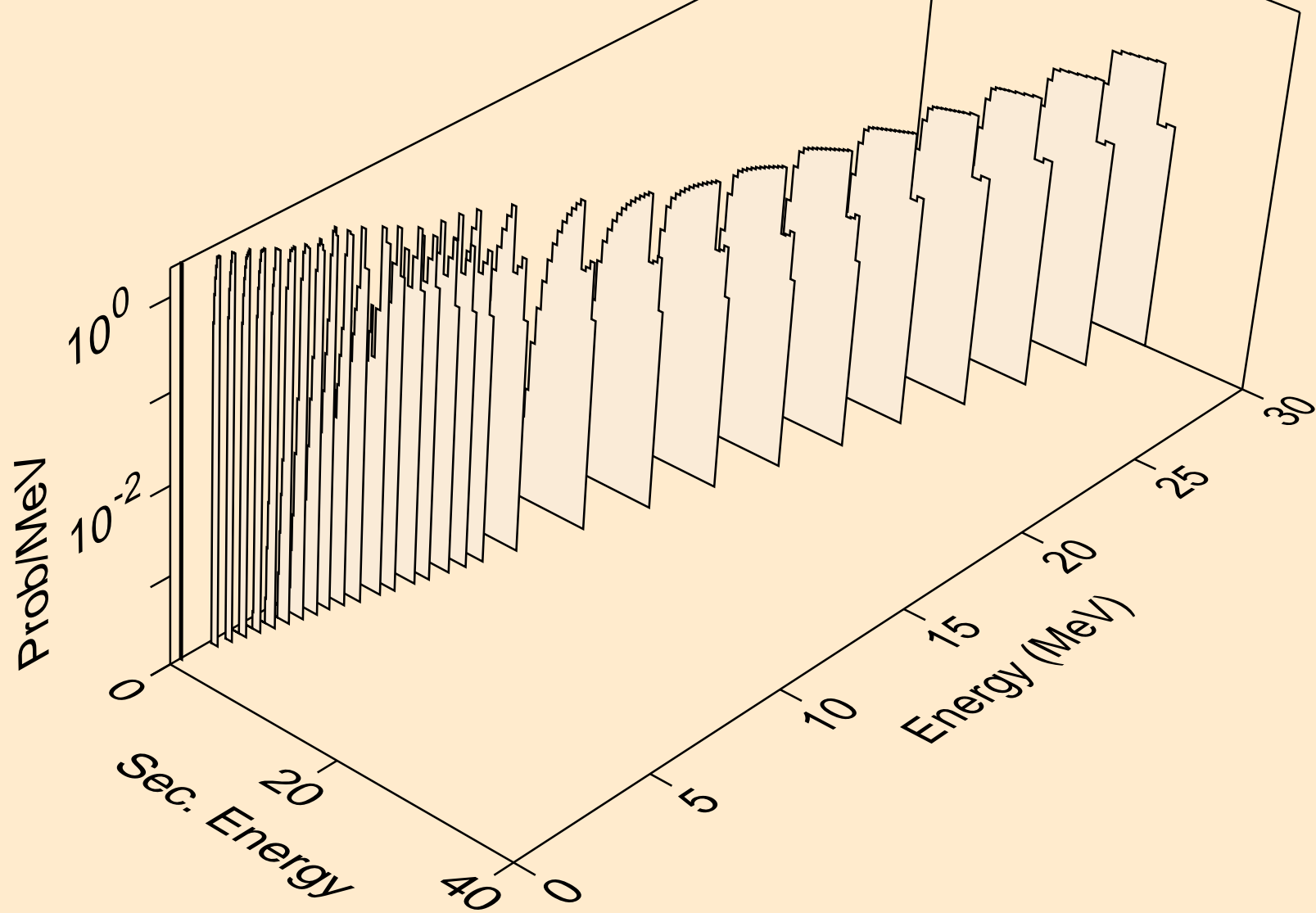
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deuterons from (n,2nd)



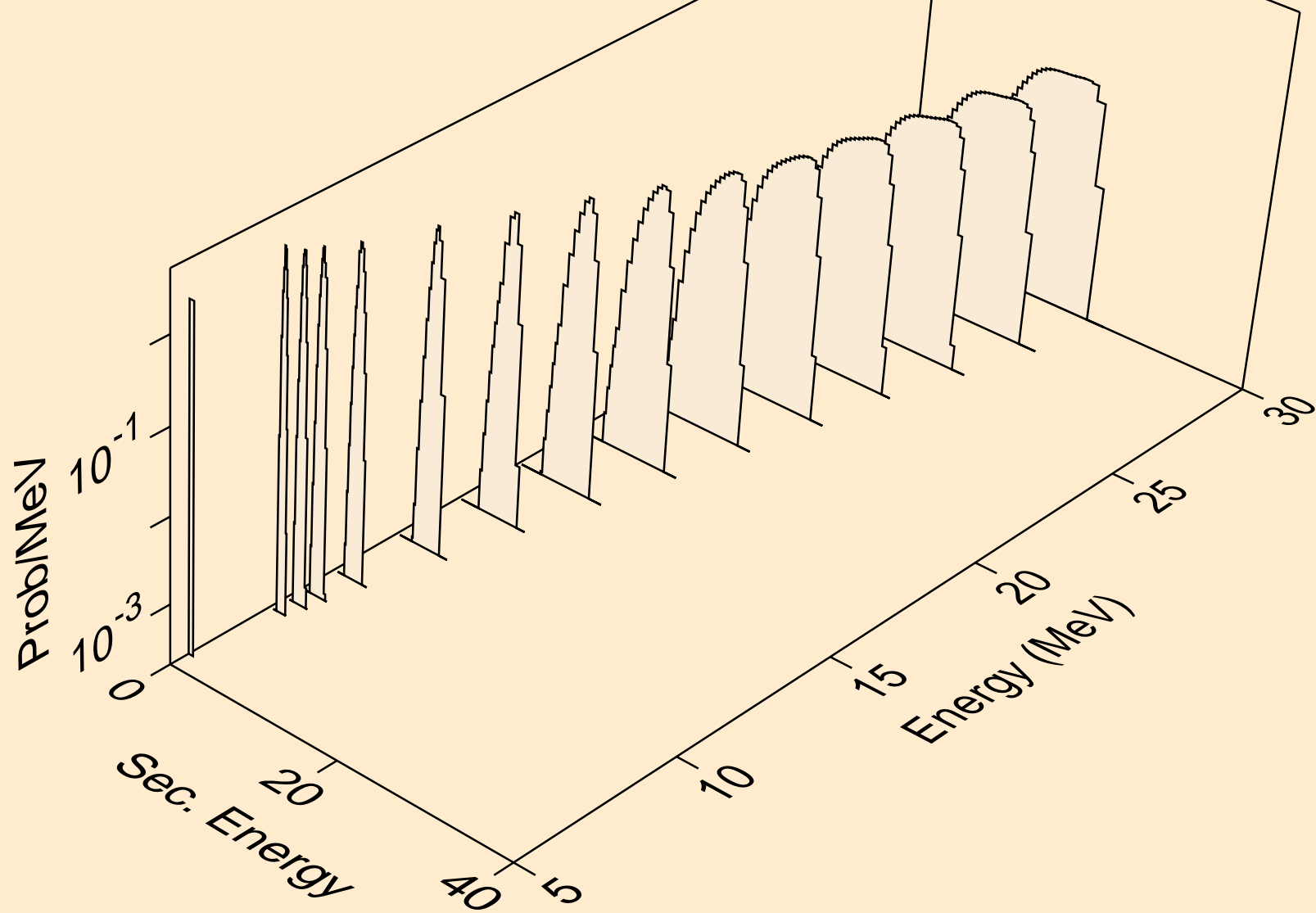
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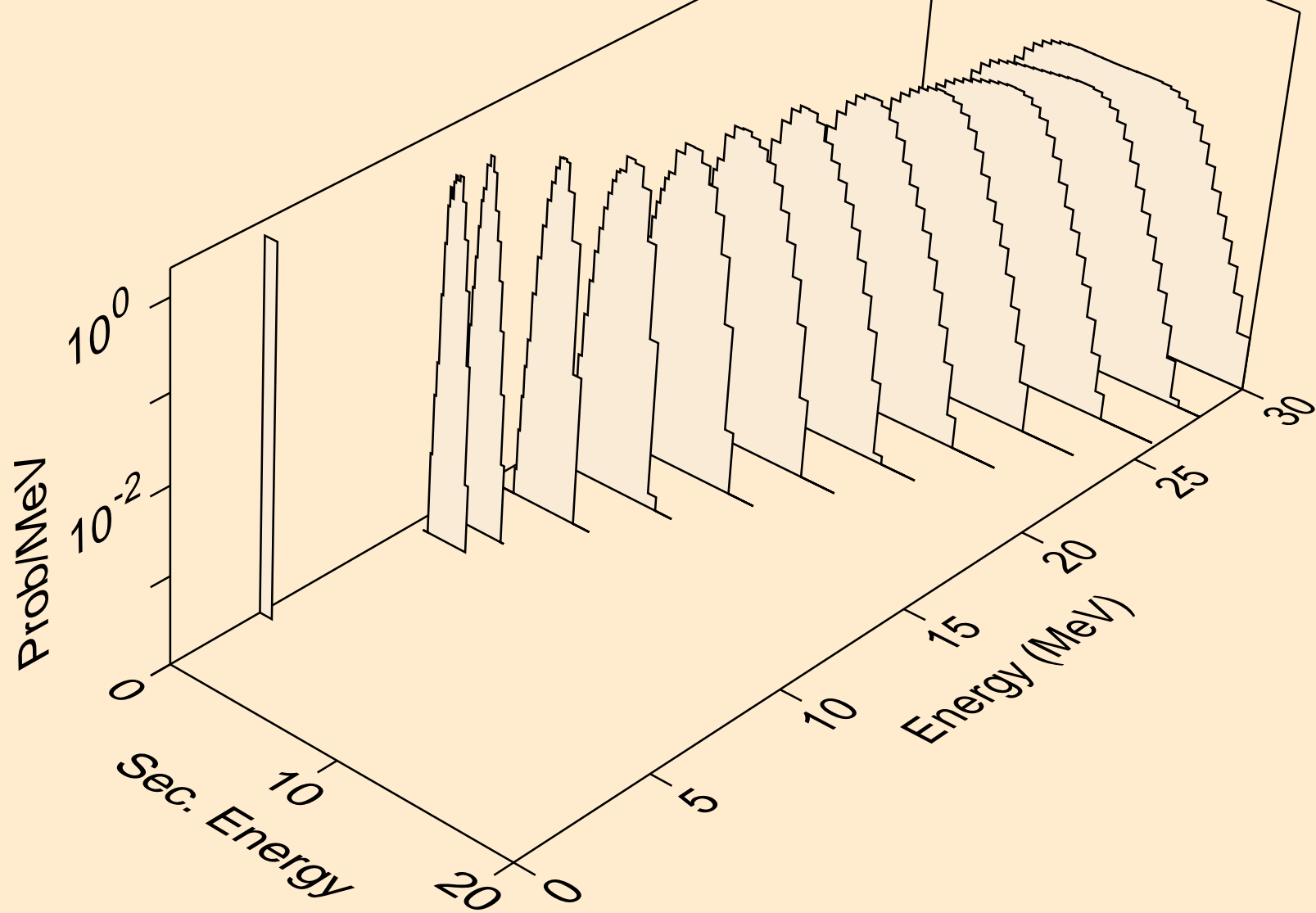
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

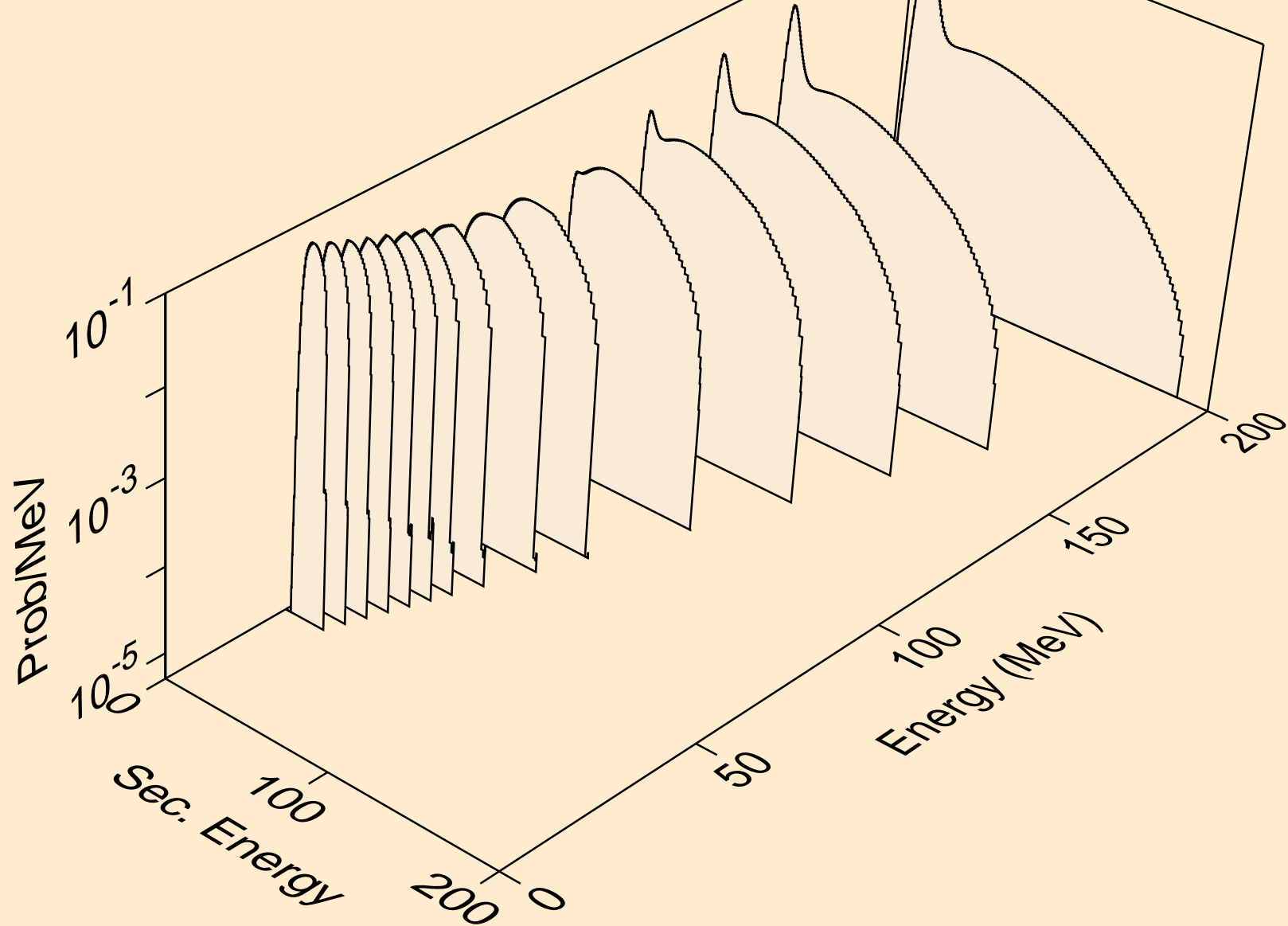


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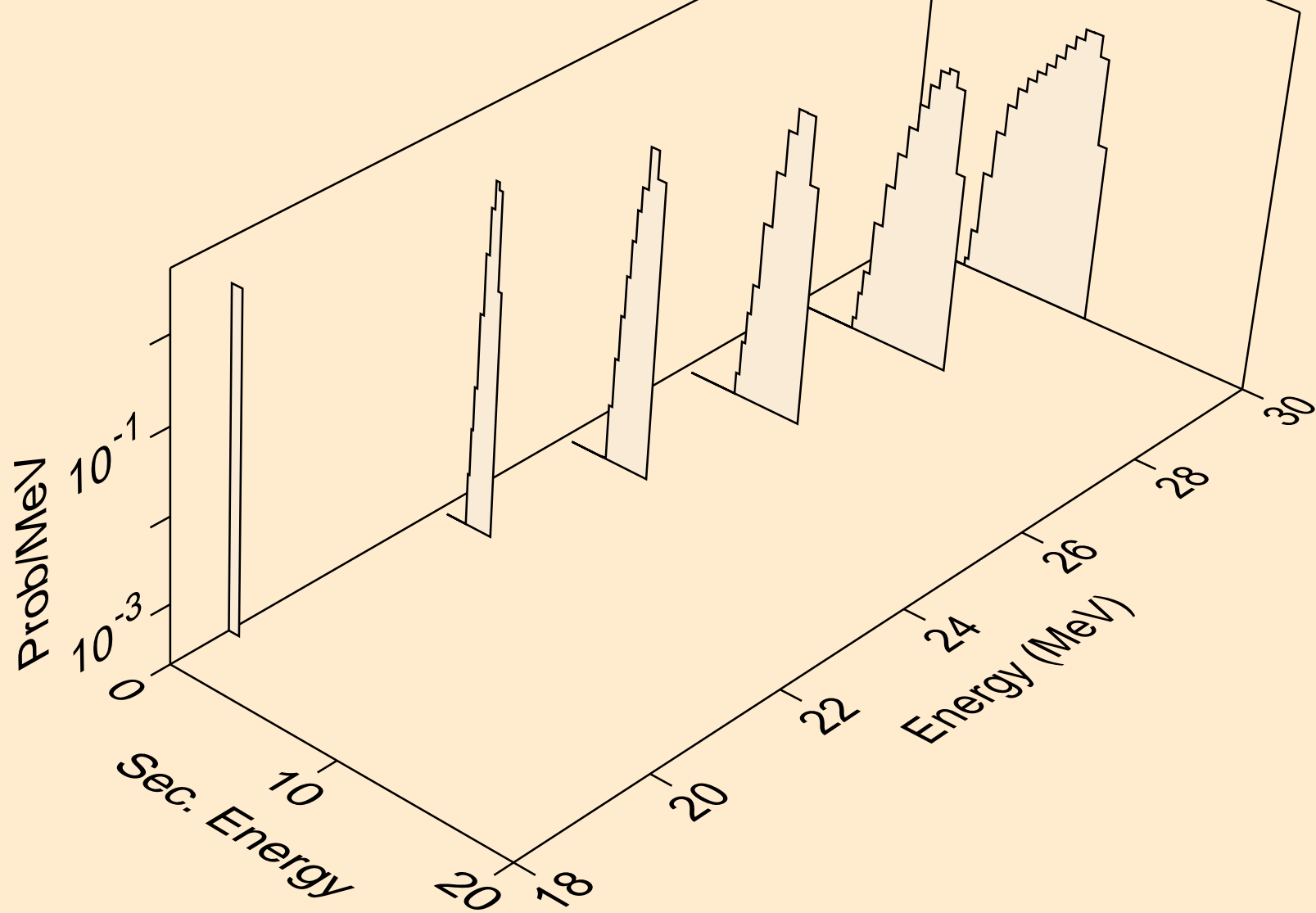




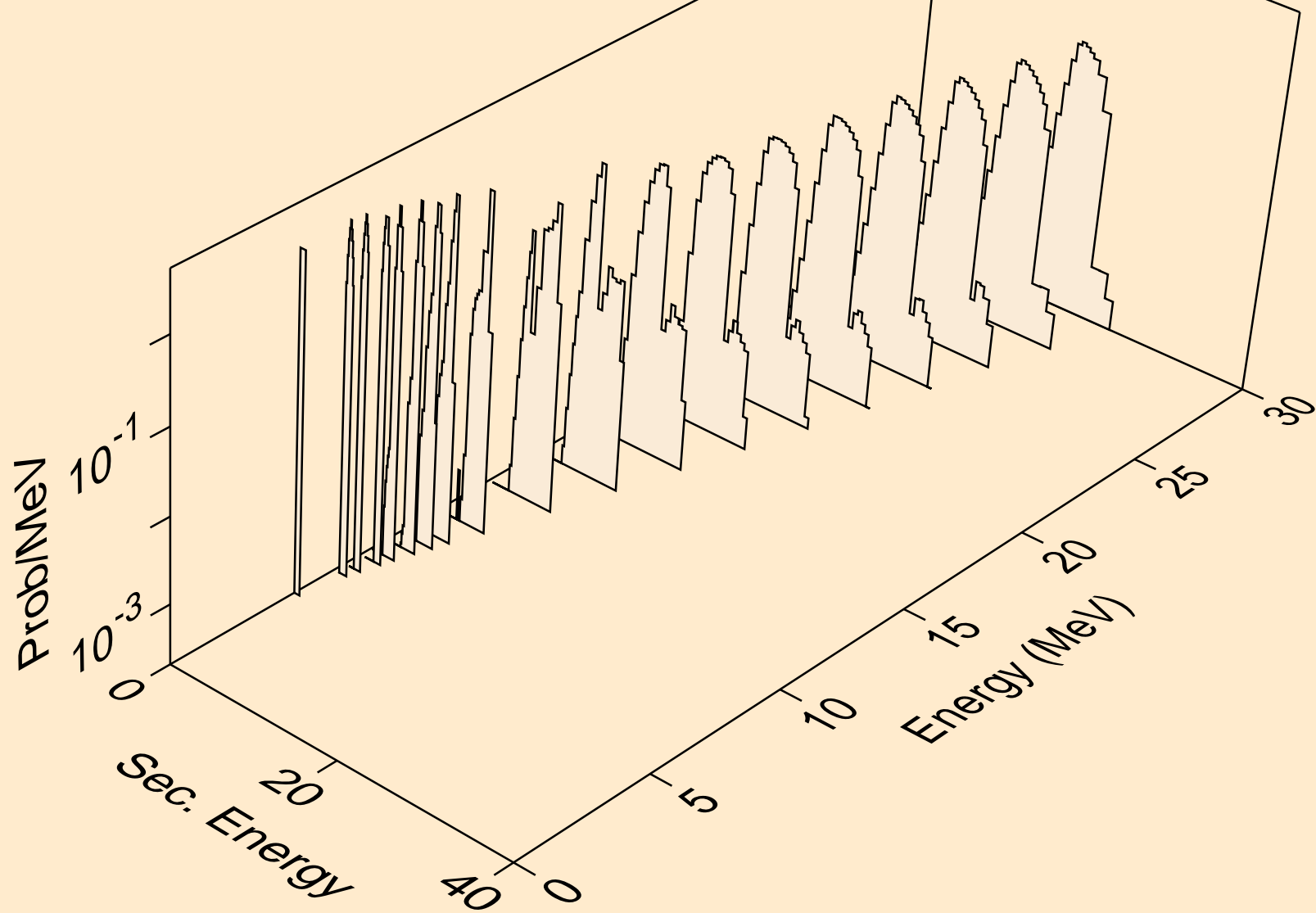
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



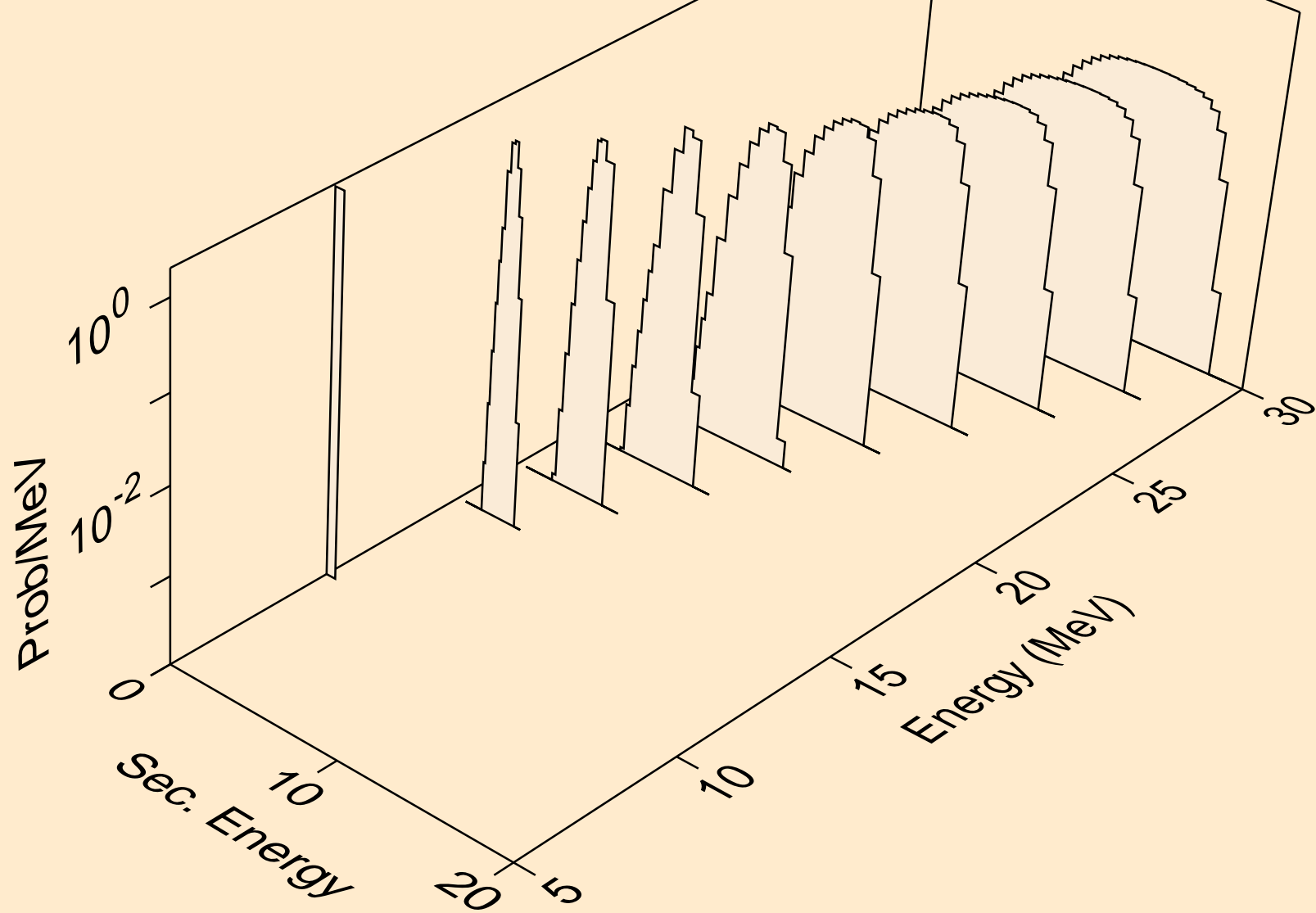
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



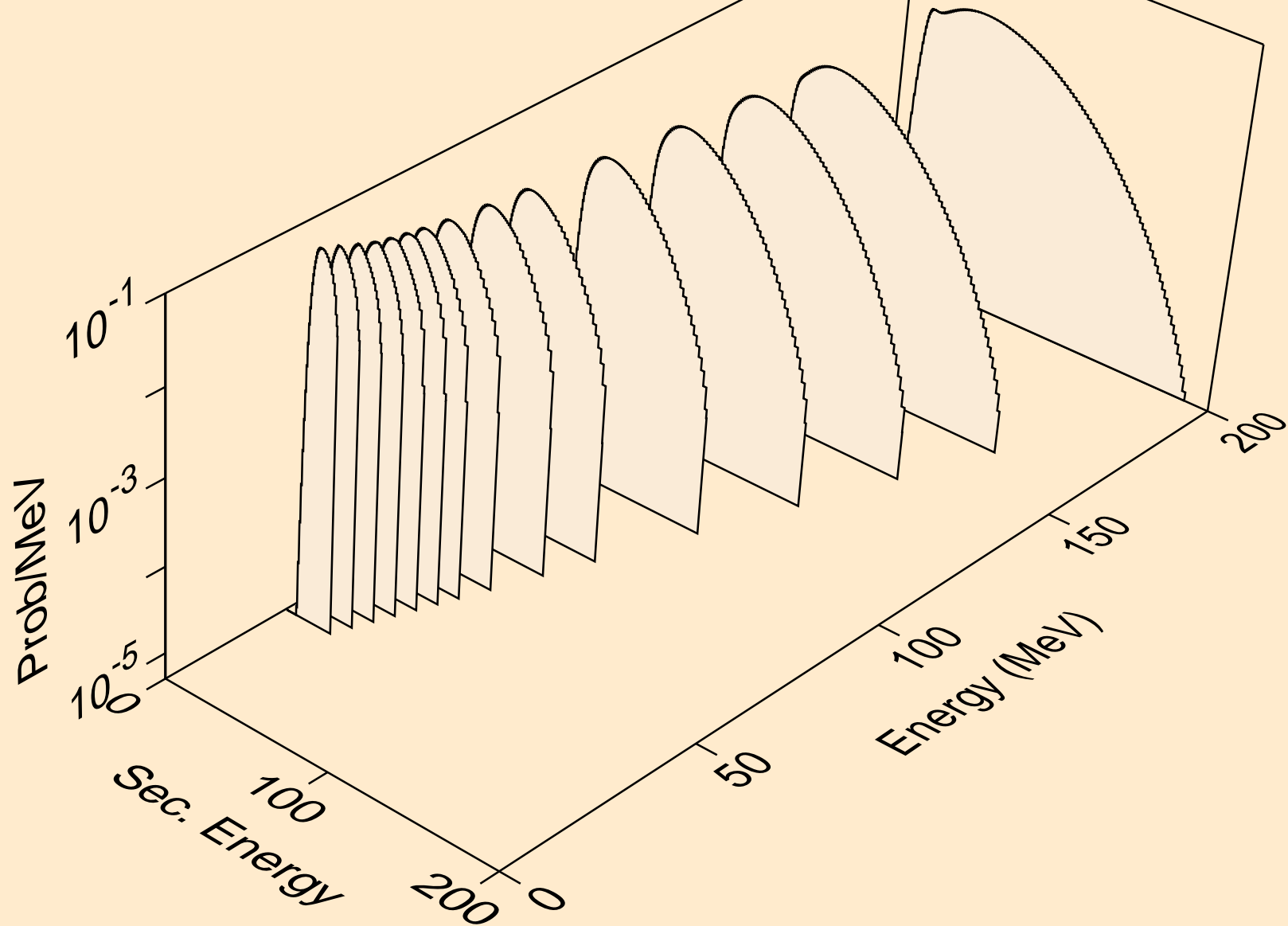
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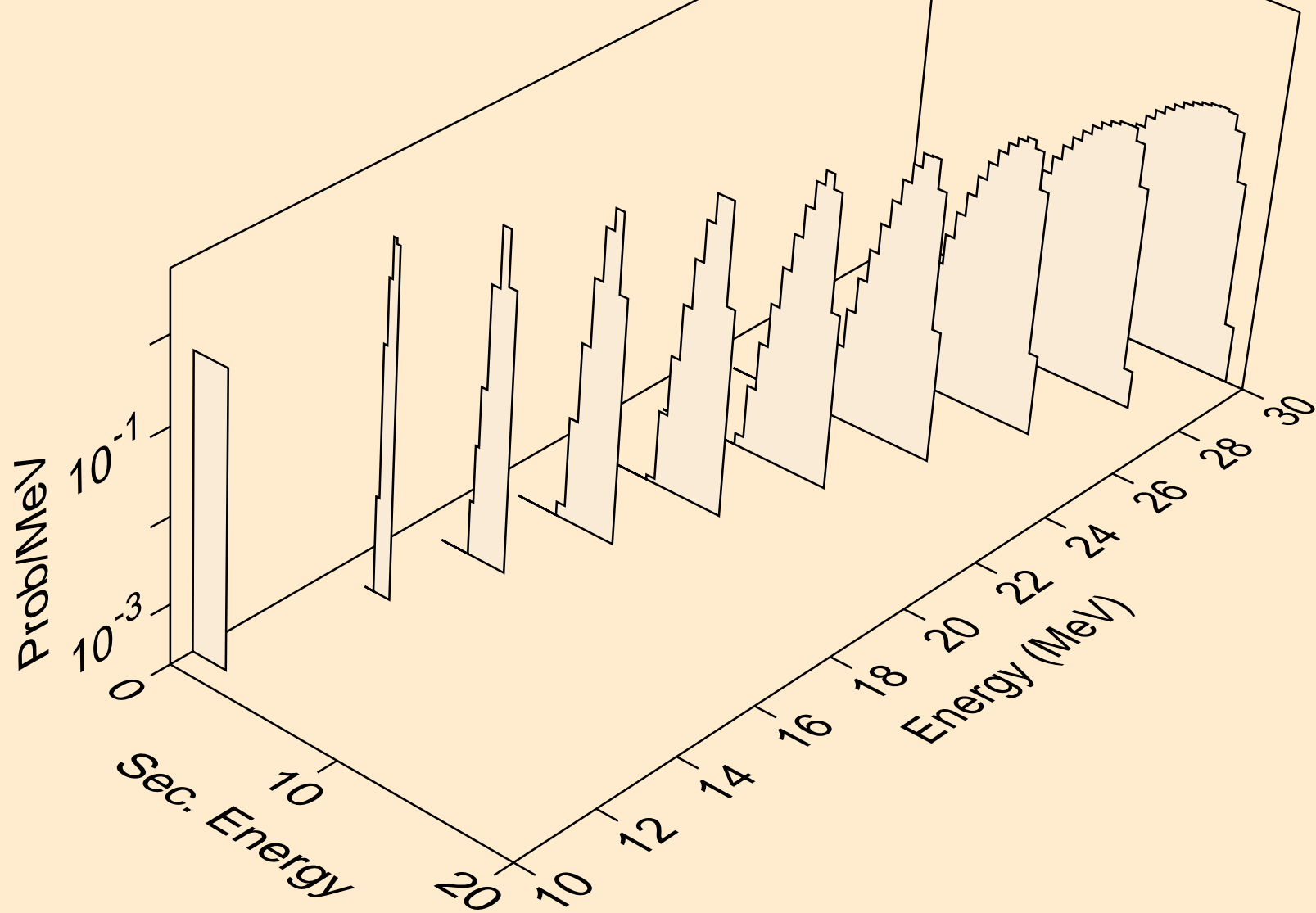
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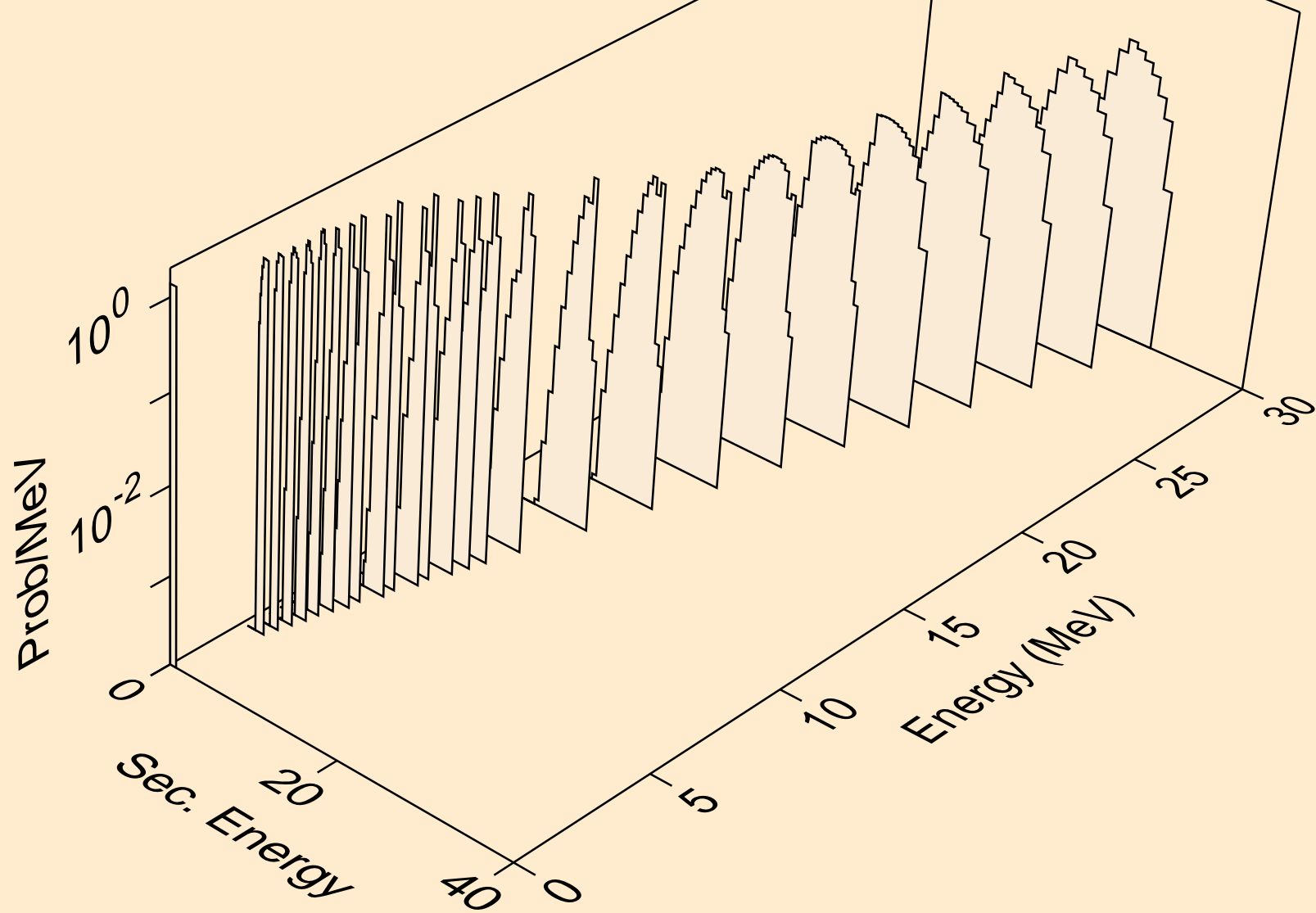
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he3s from (n,x)



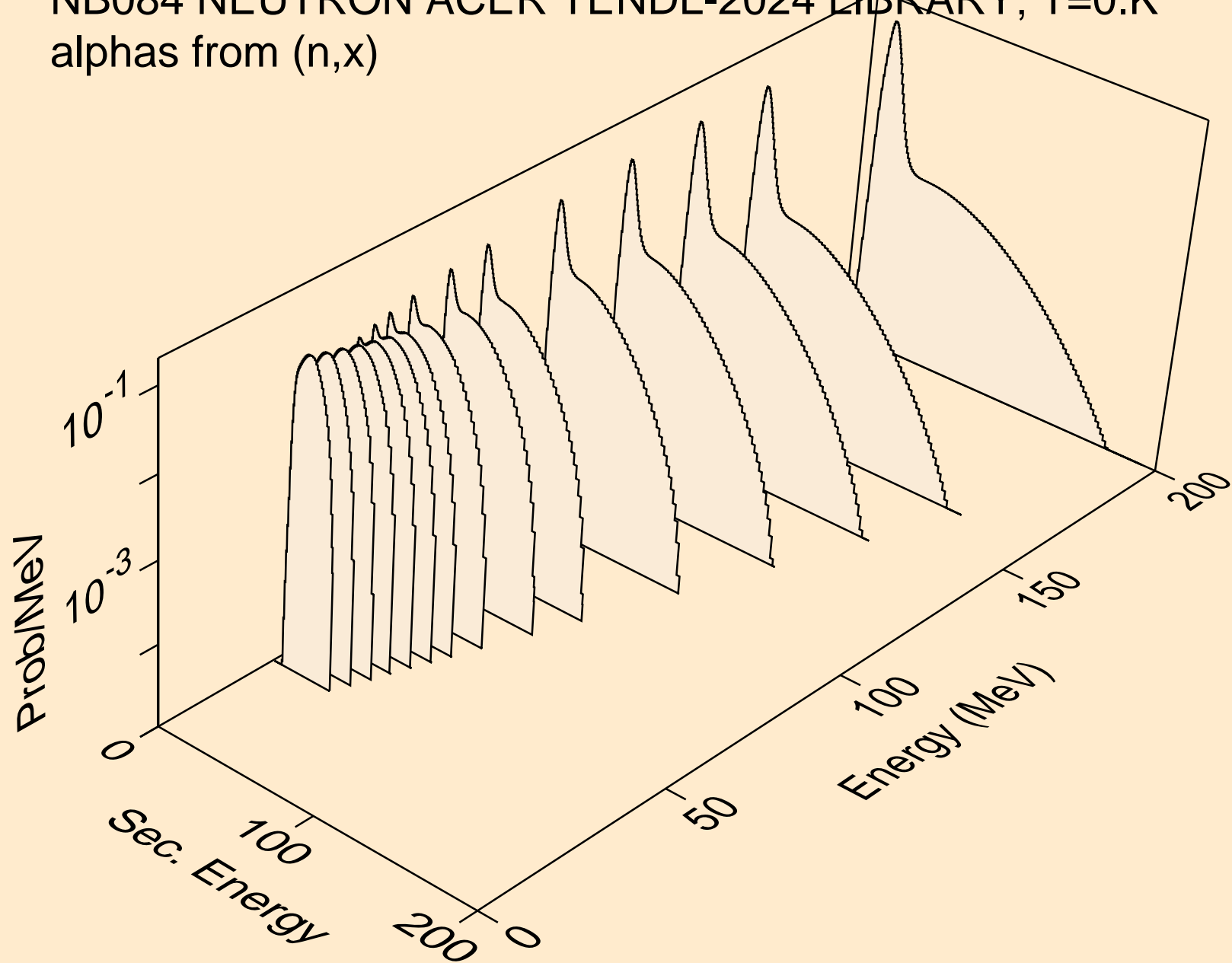
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

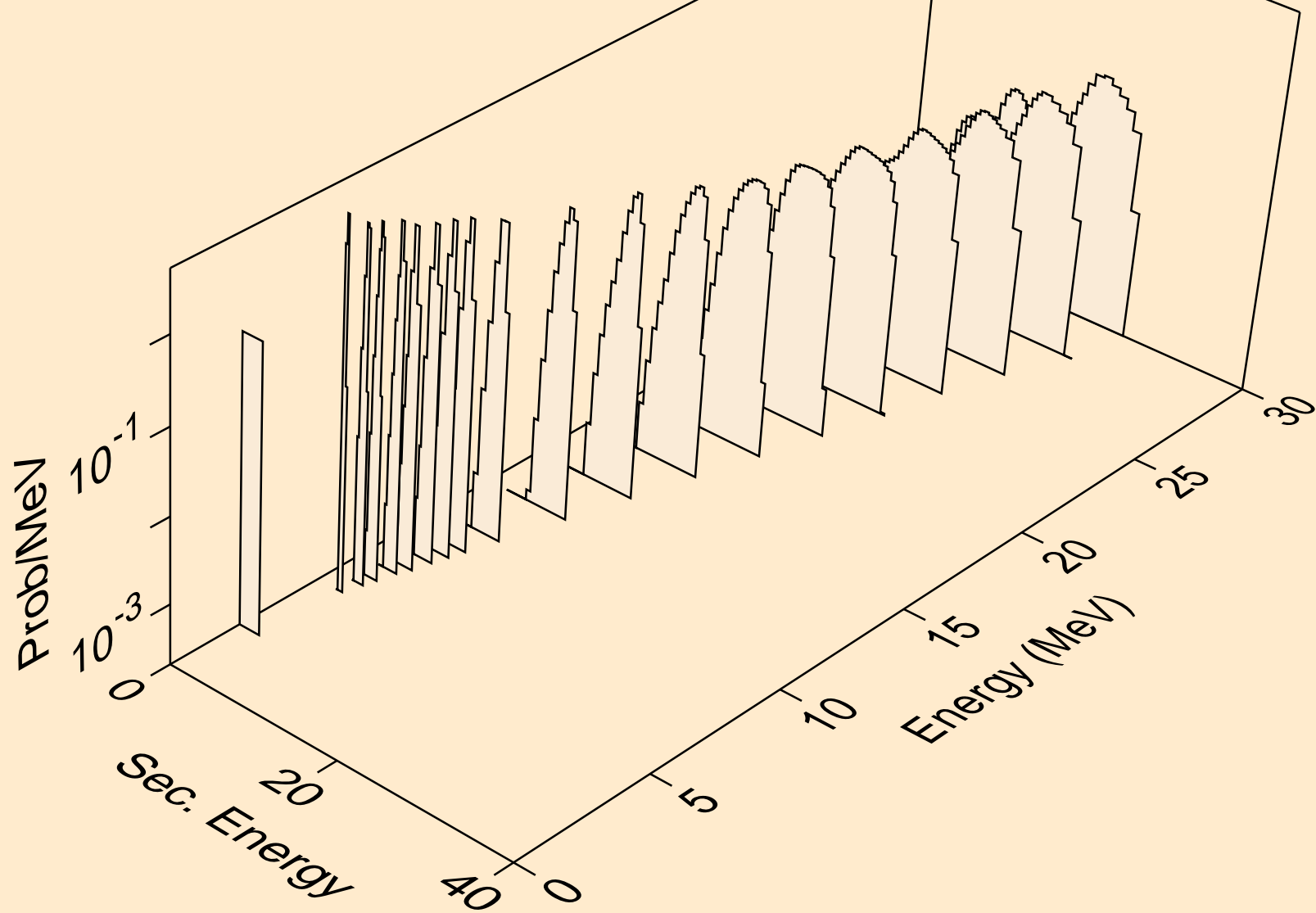


NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

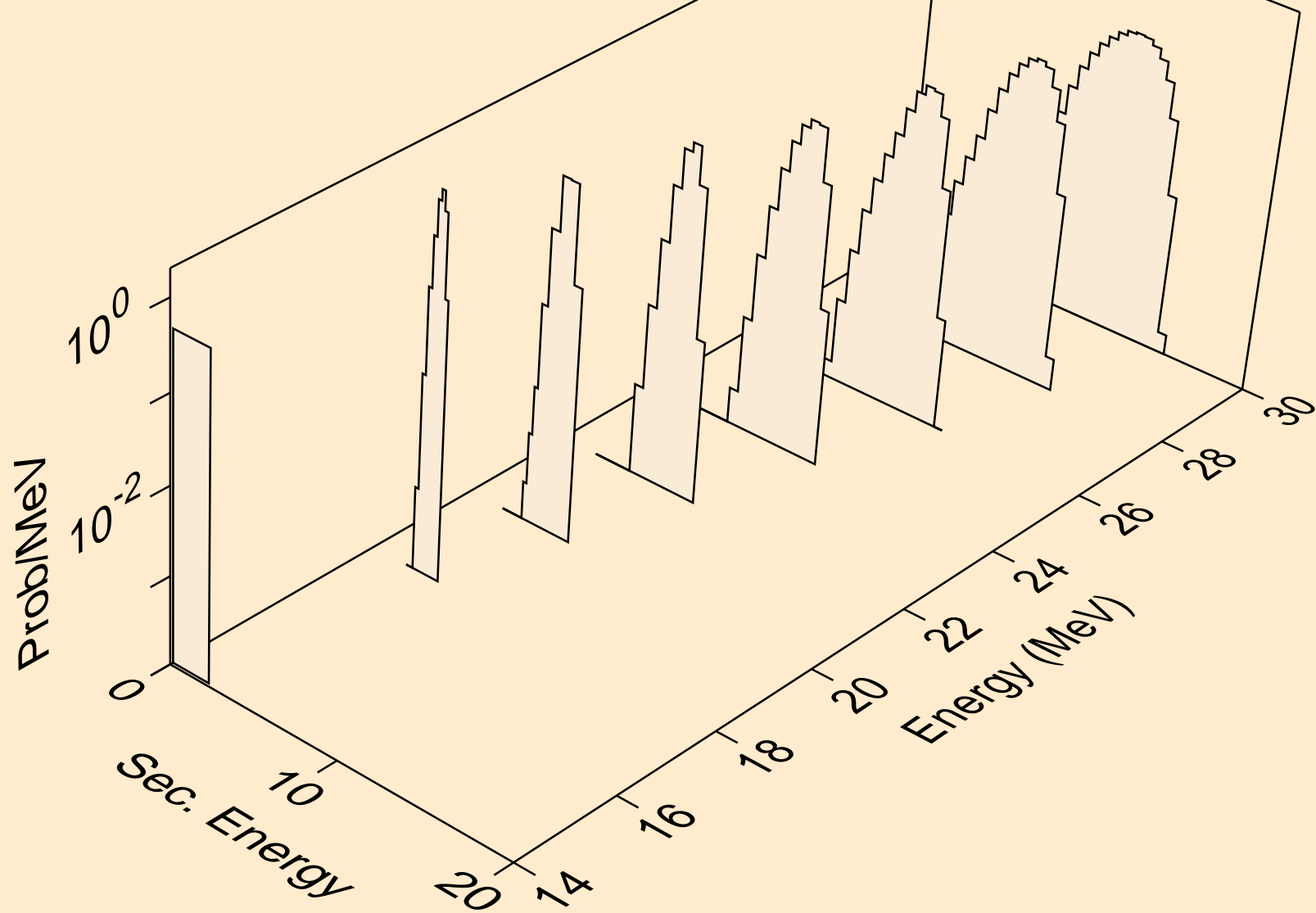




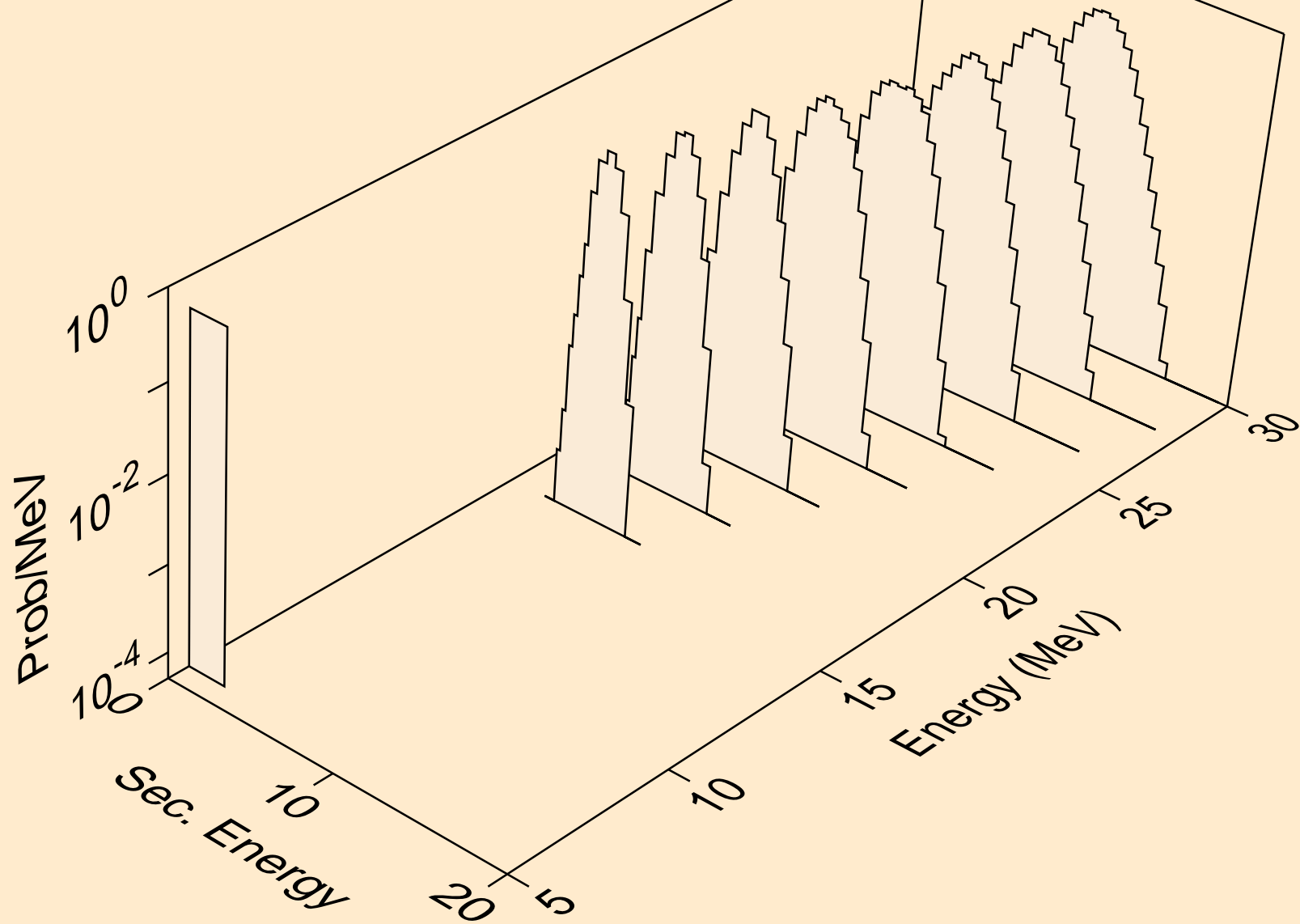
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



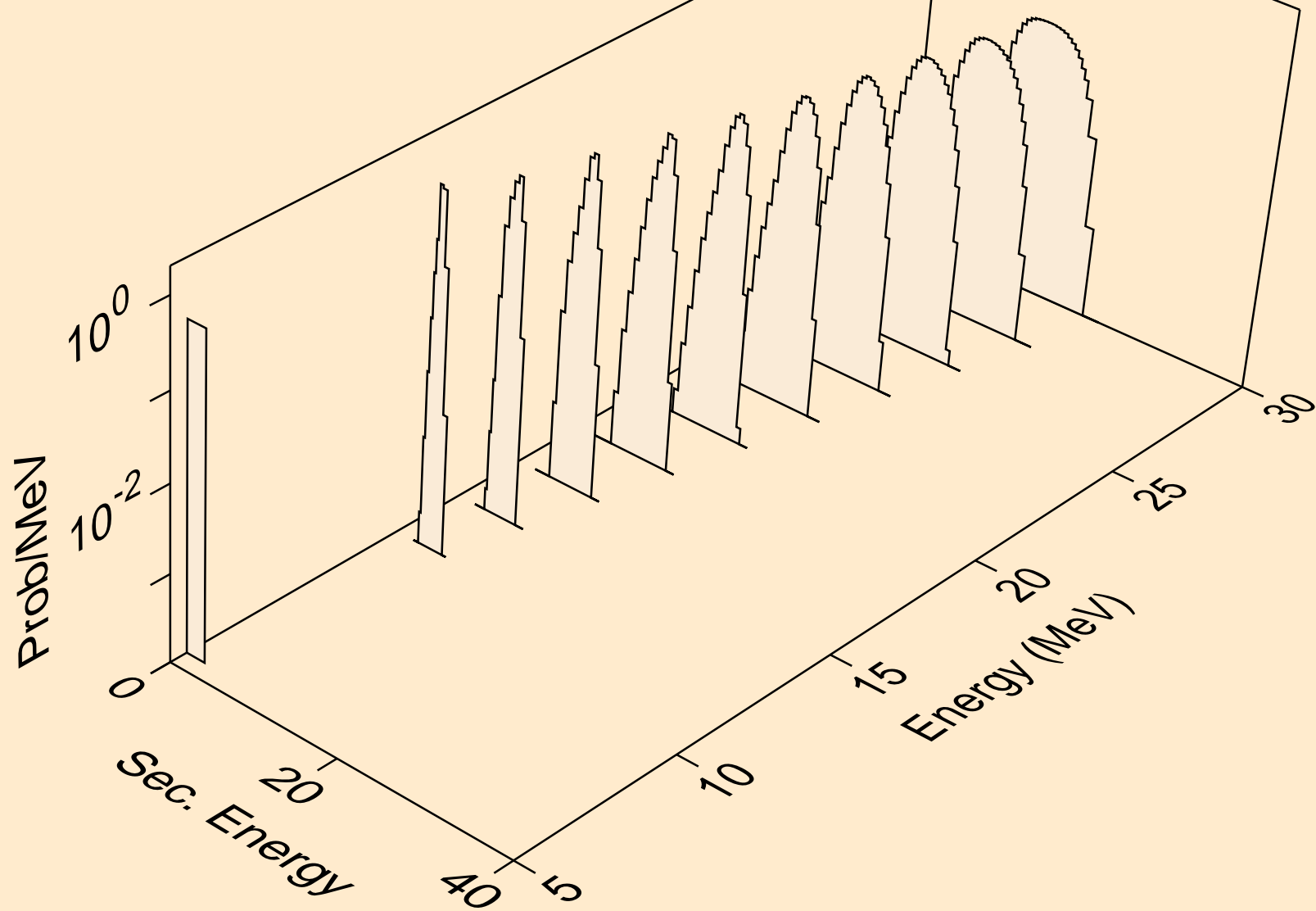
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



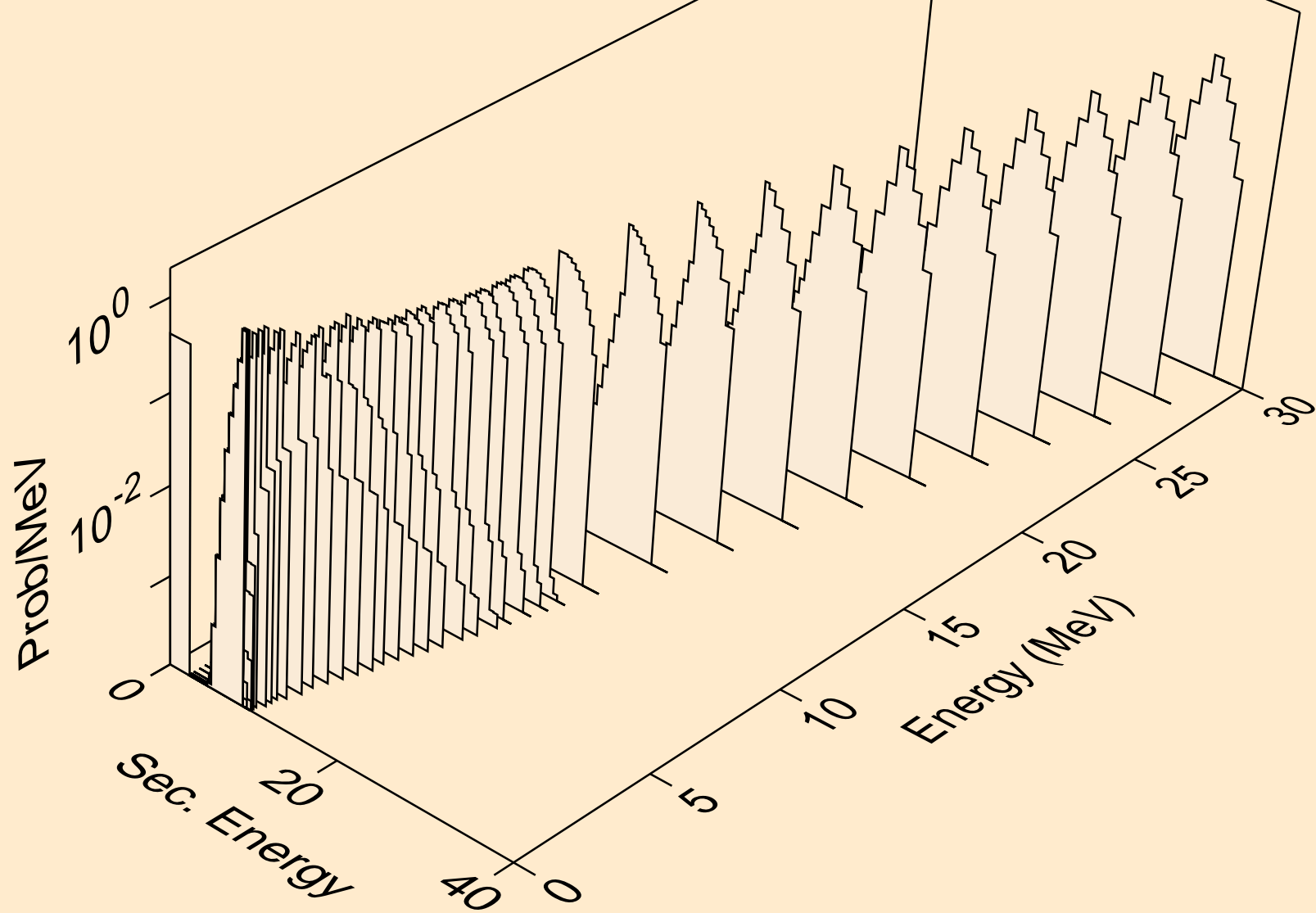
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



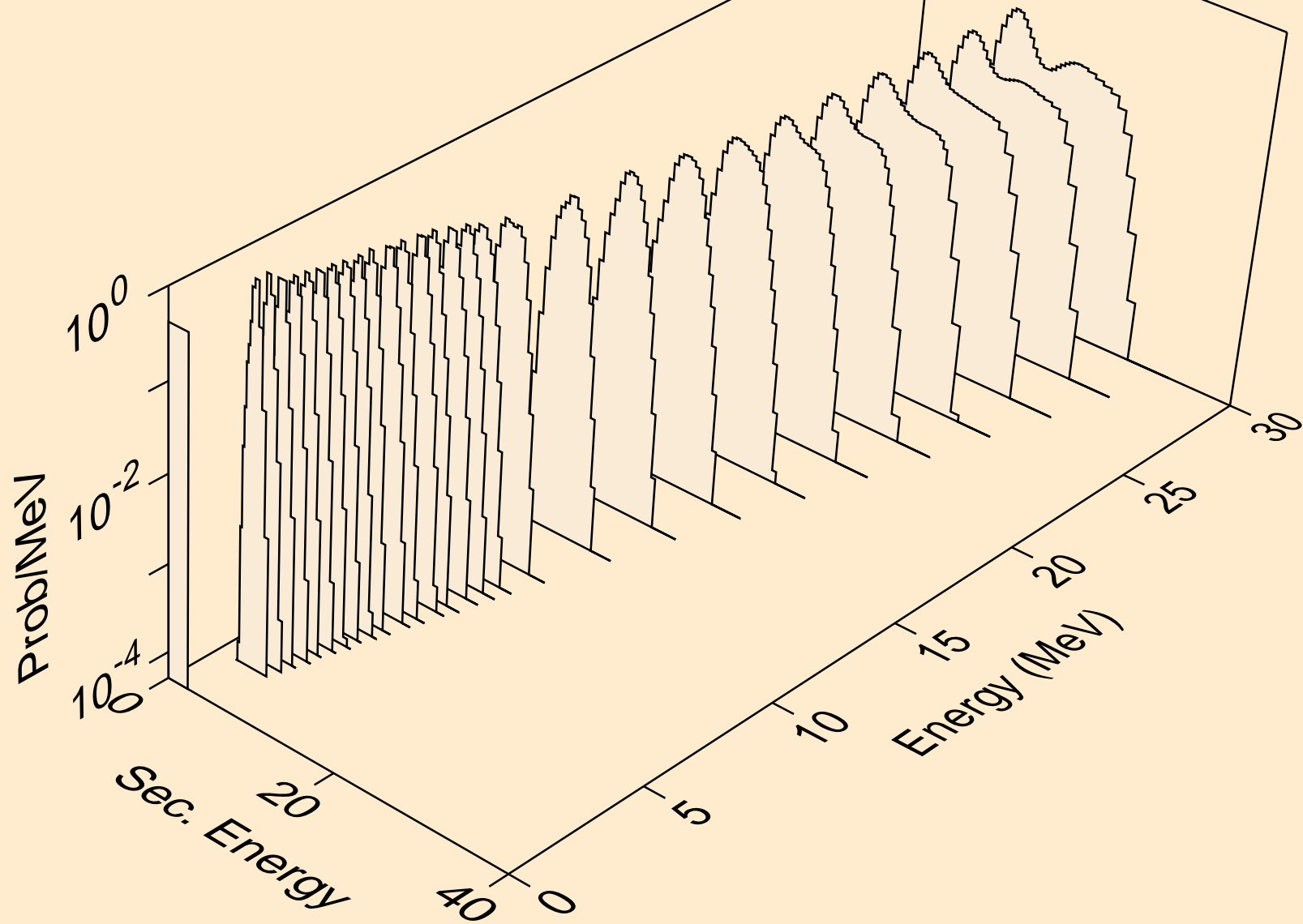
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



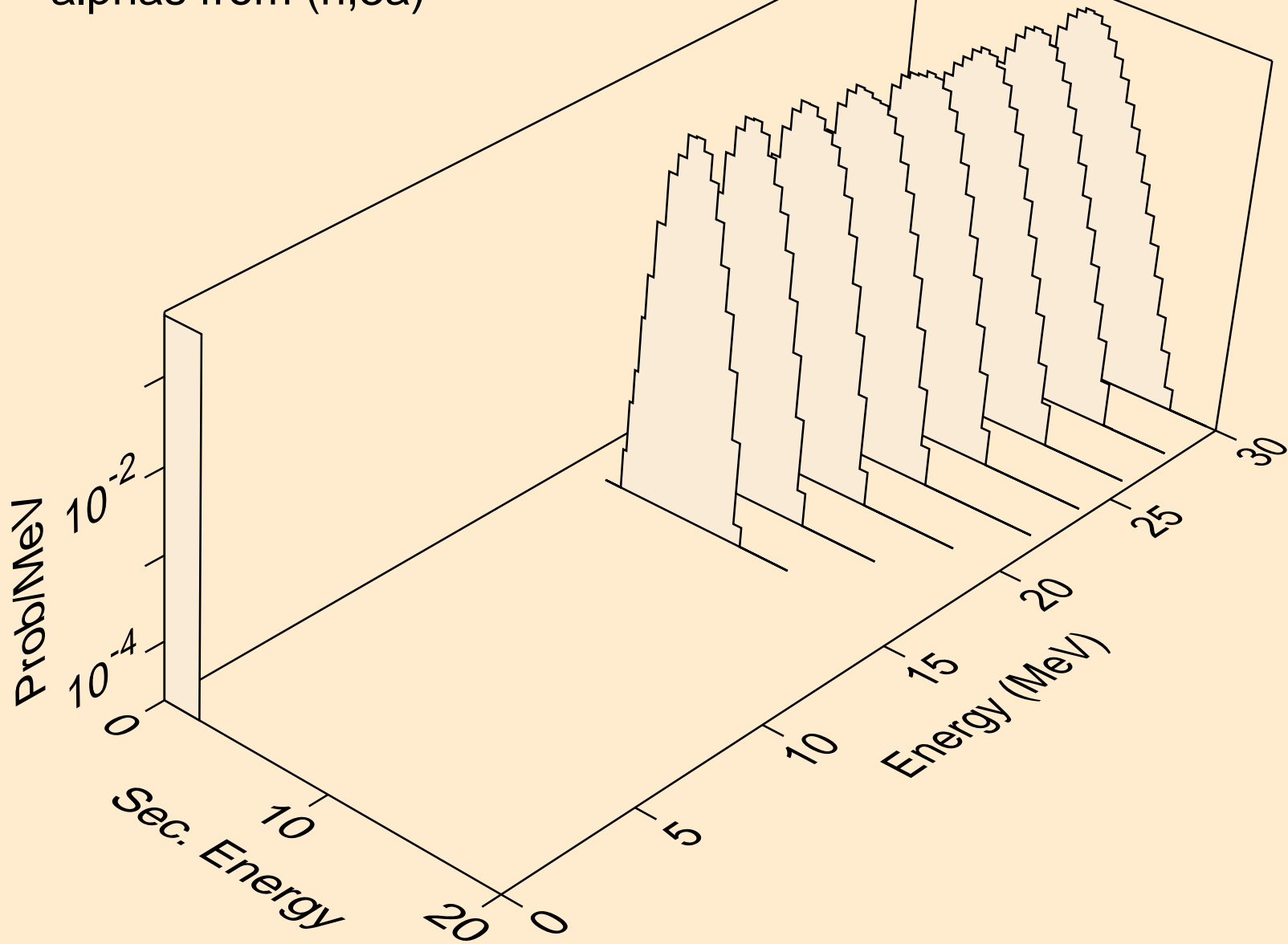
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



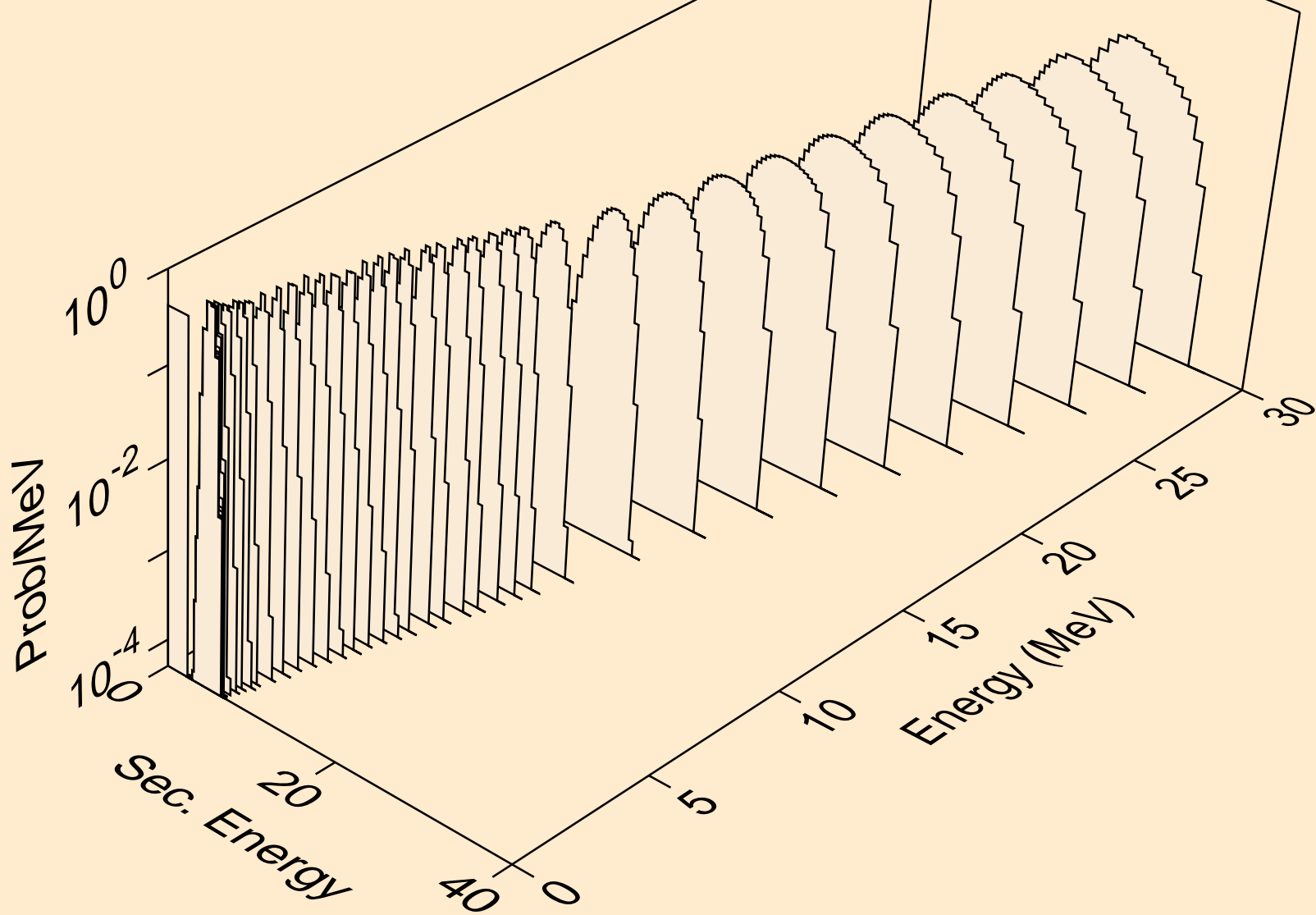
NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





NB084 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

