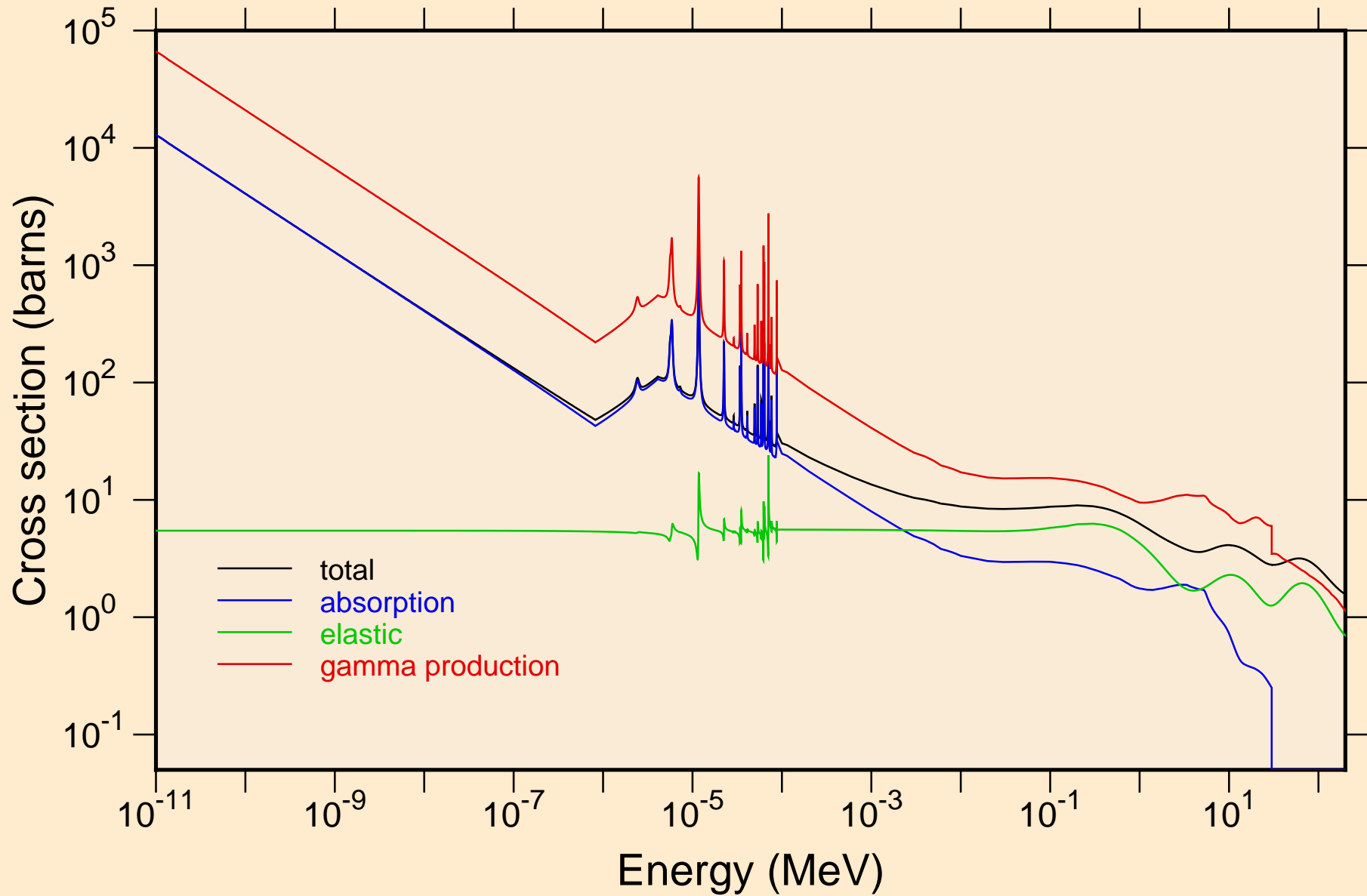
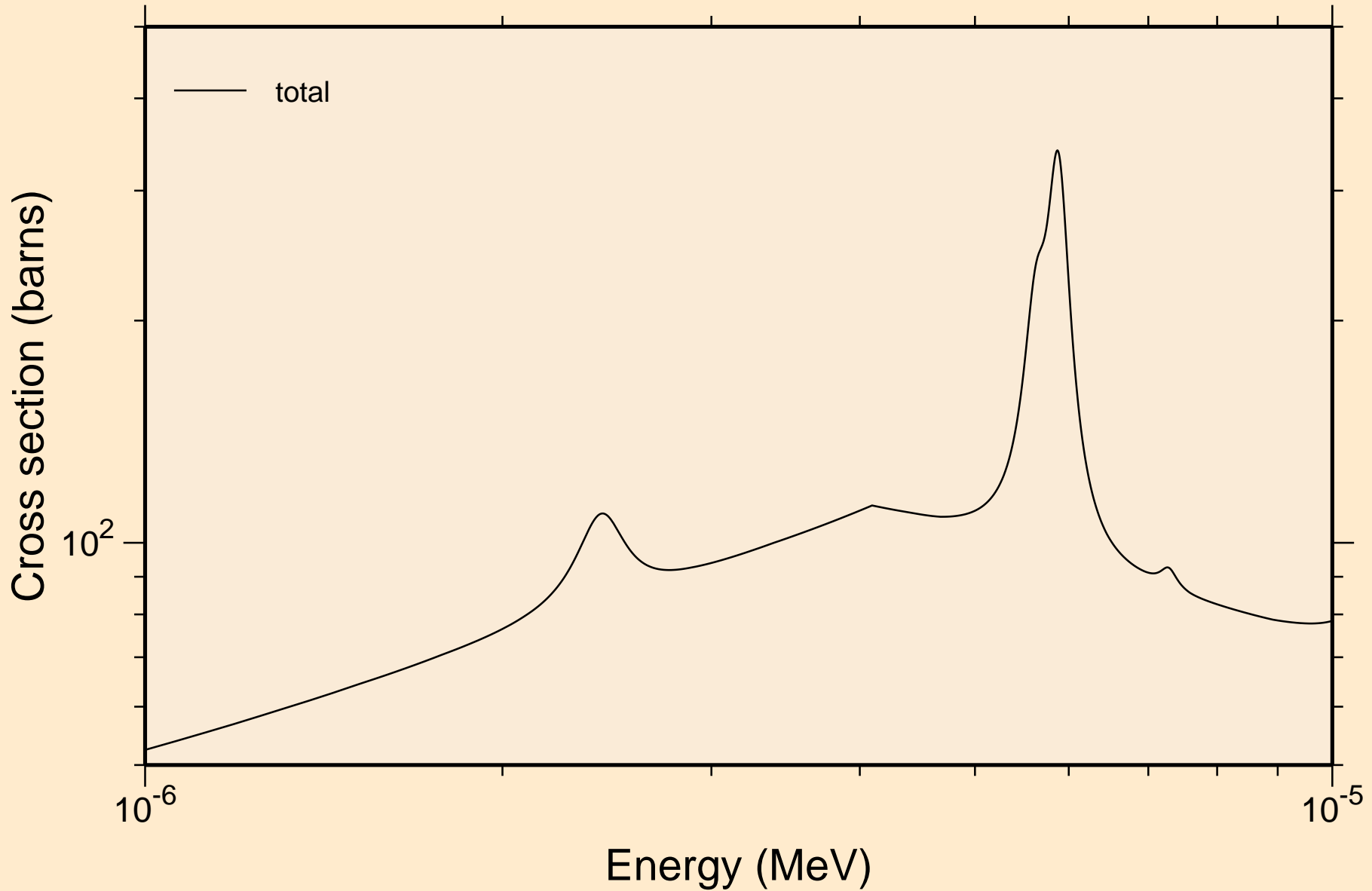


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

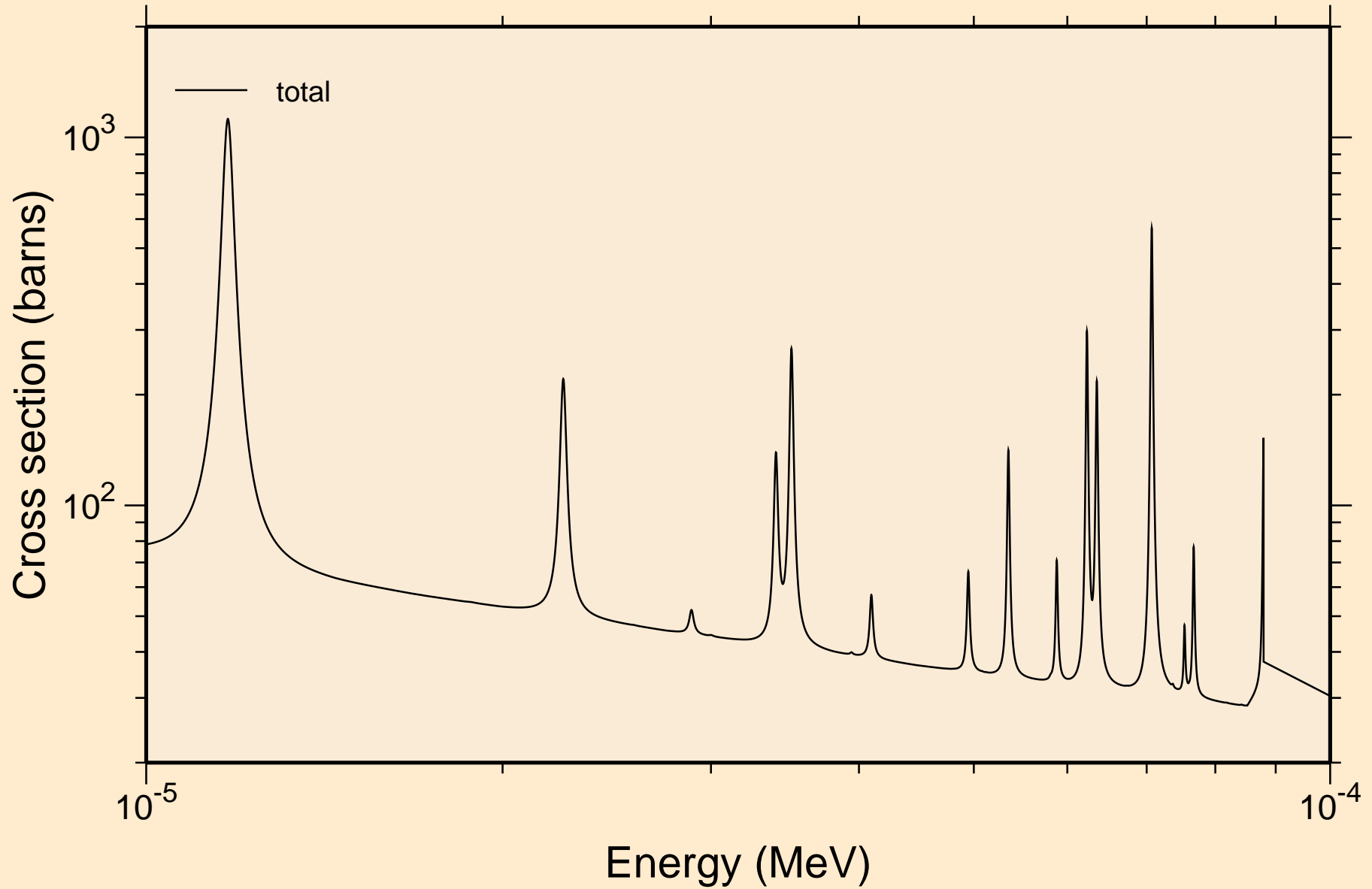
## Principal cross sections



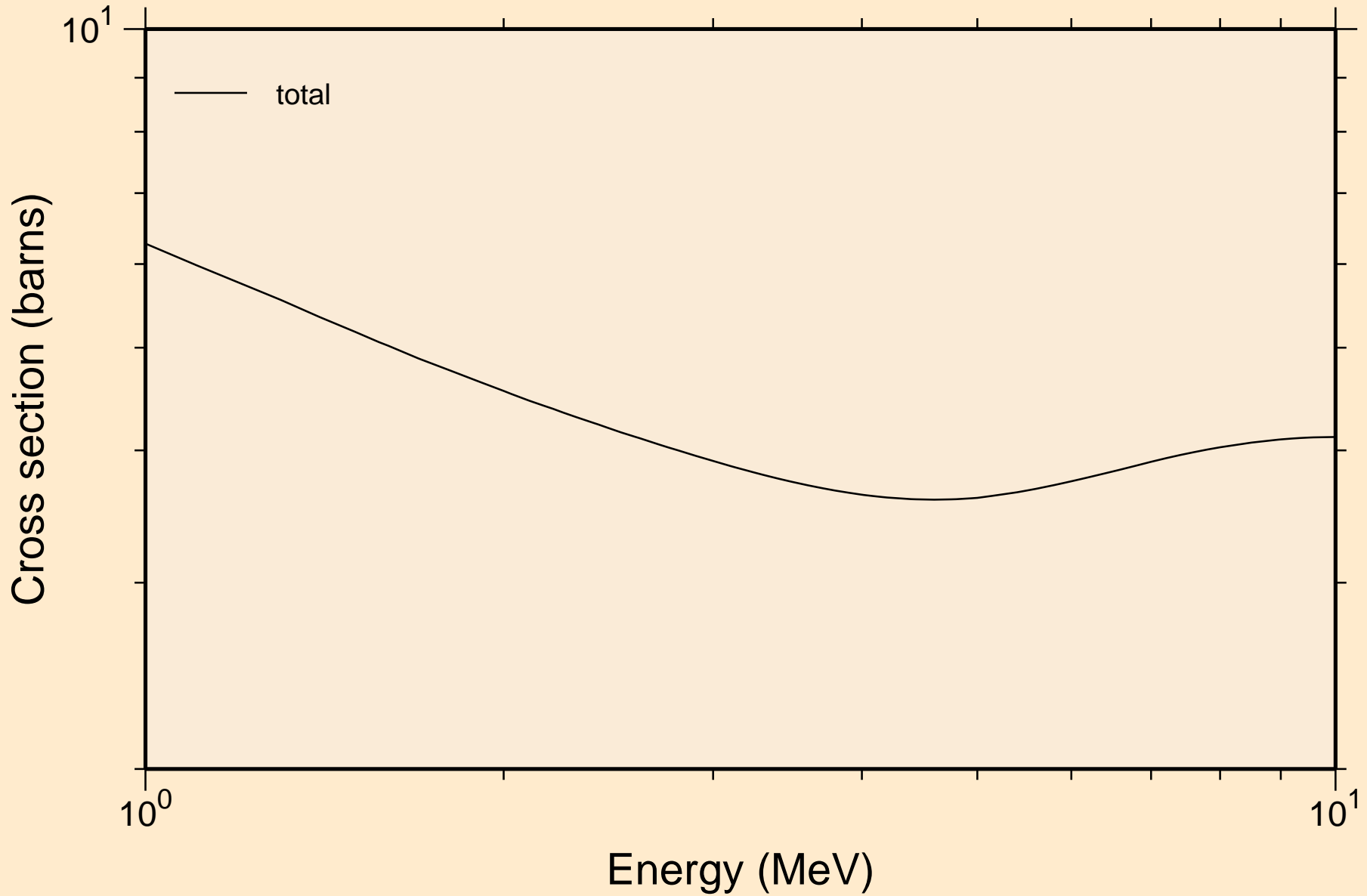
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



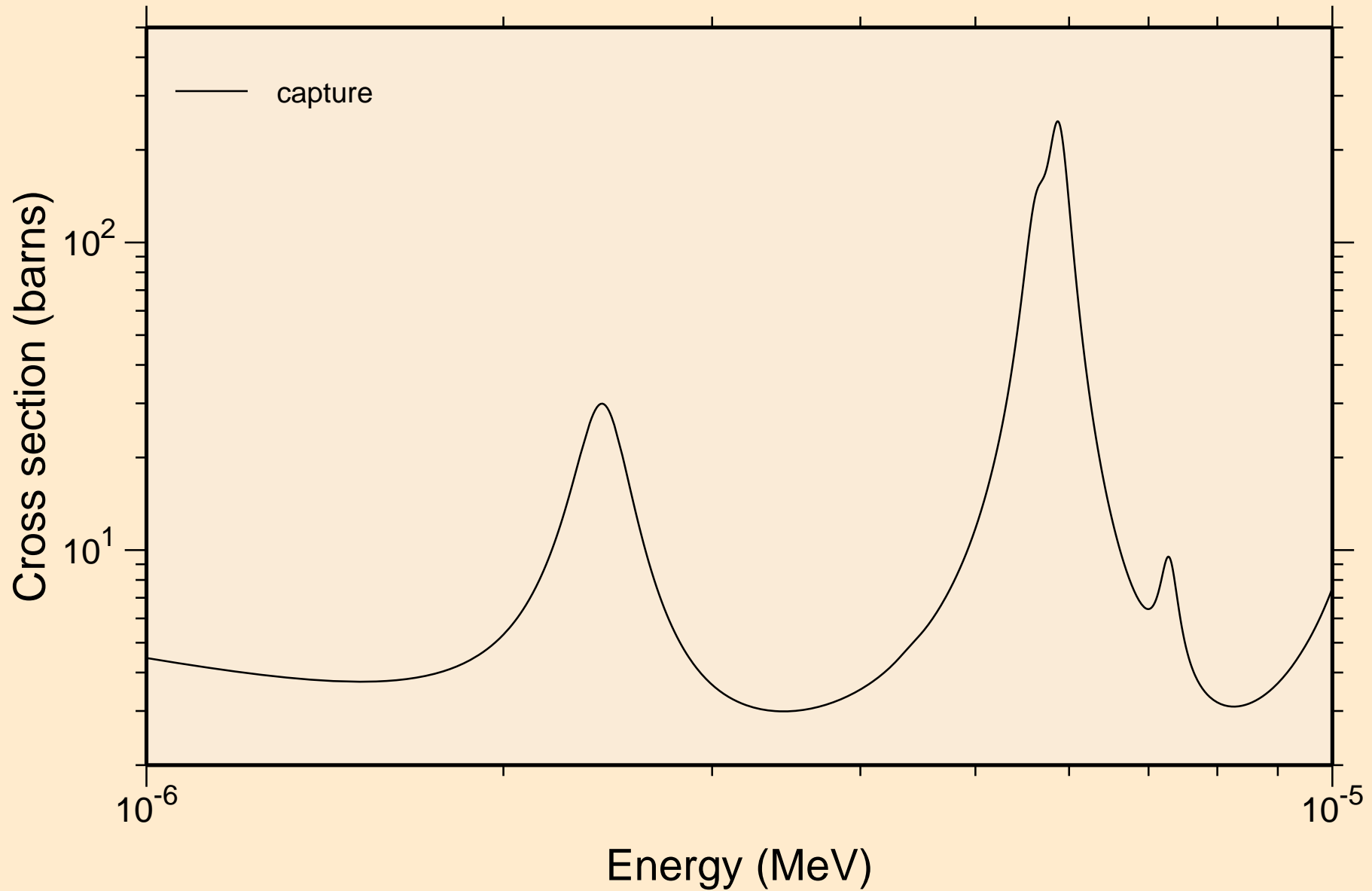
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



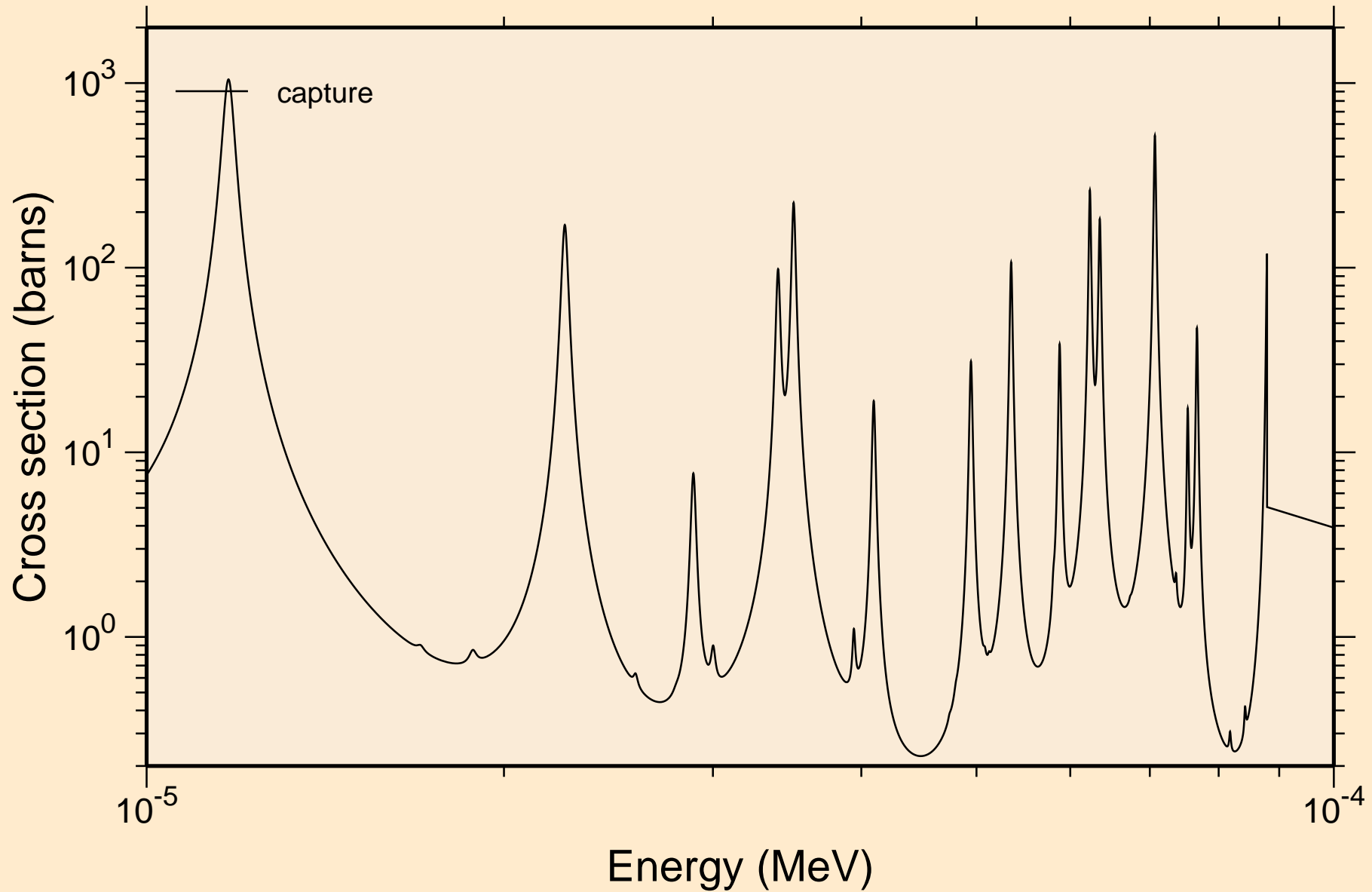
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



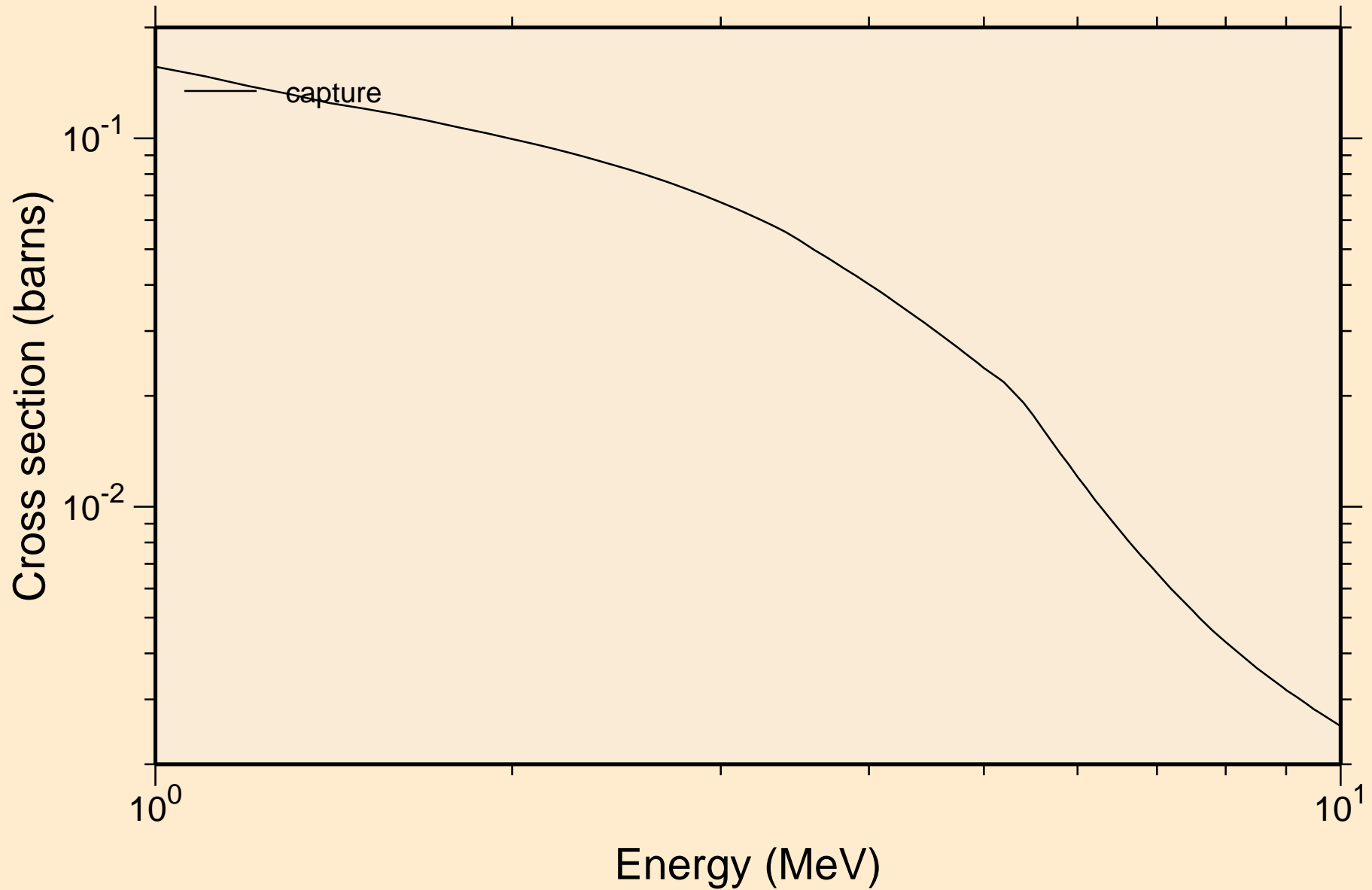
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

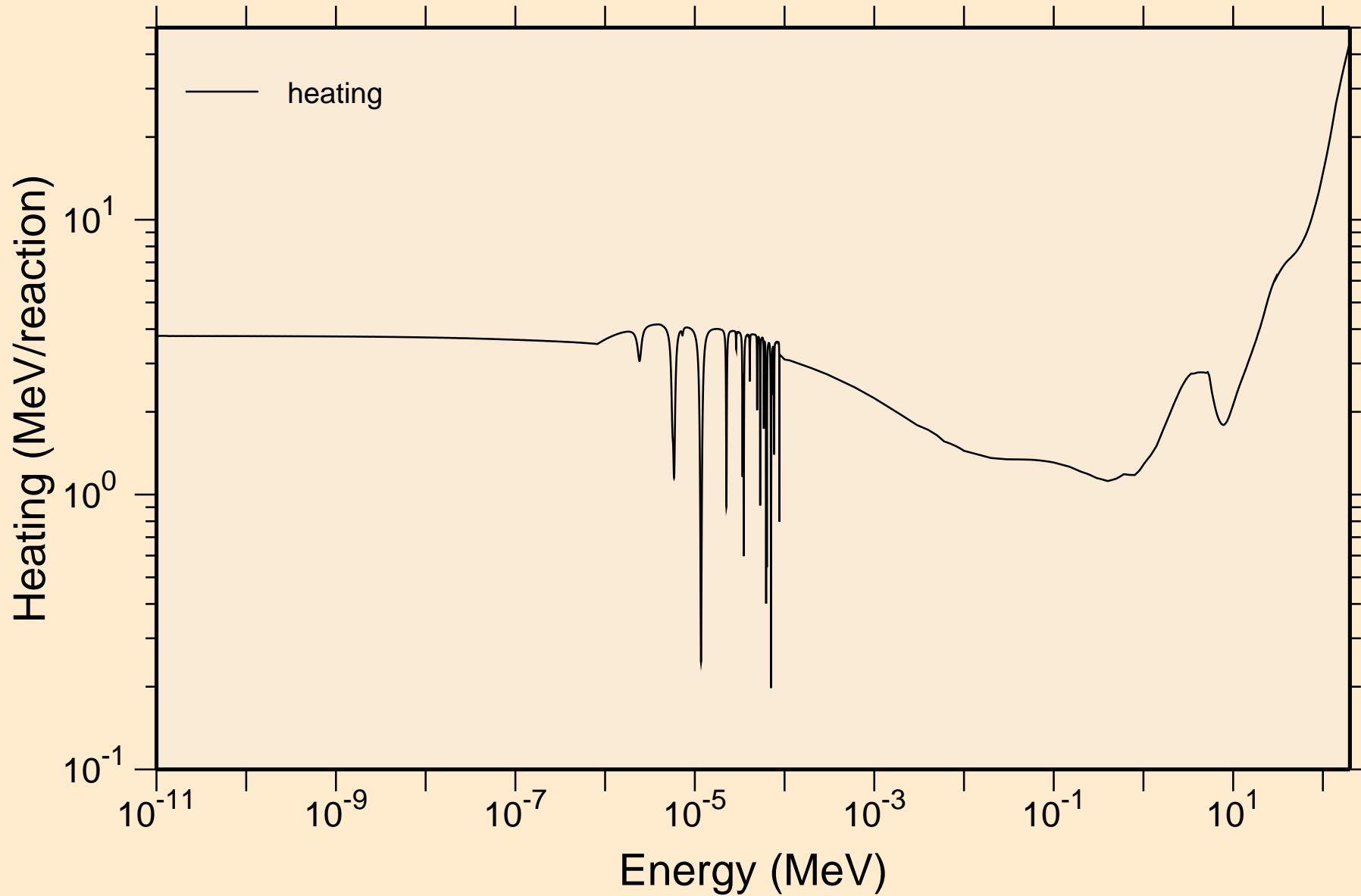


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



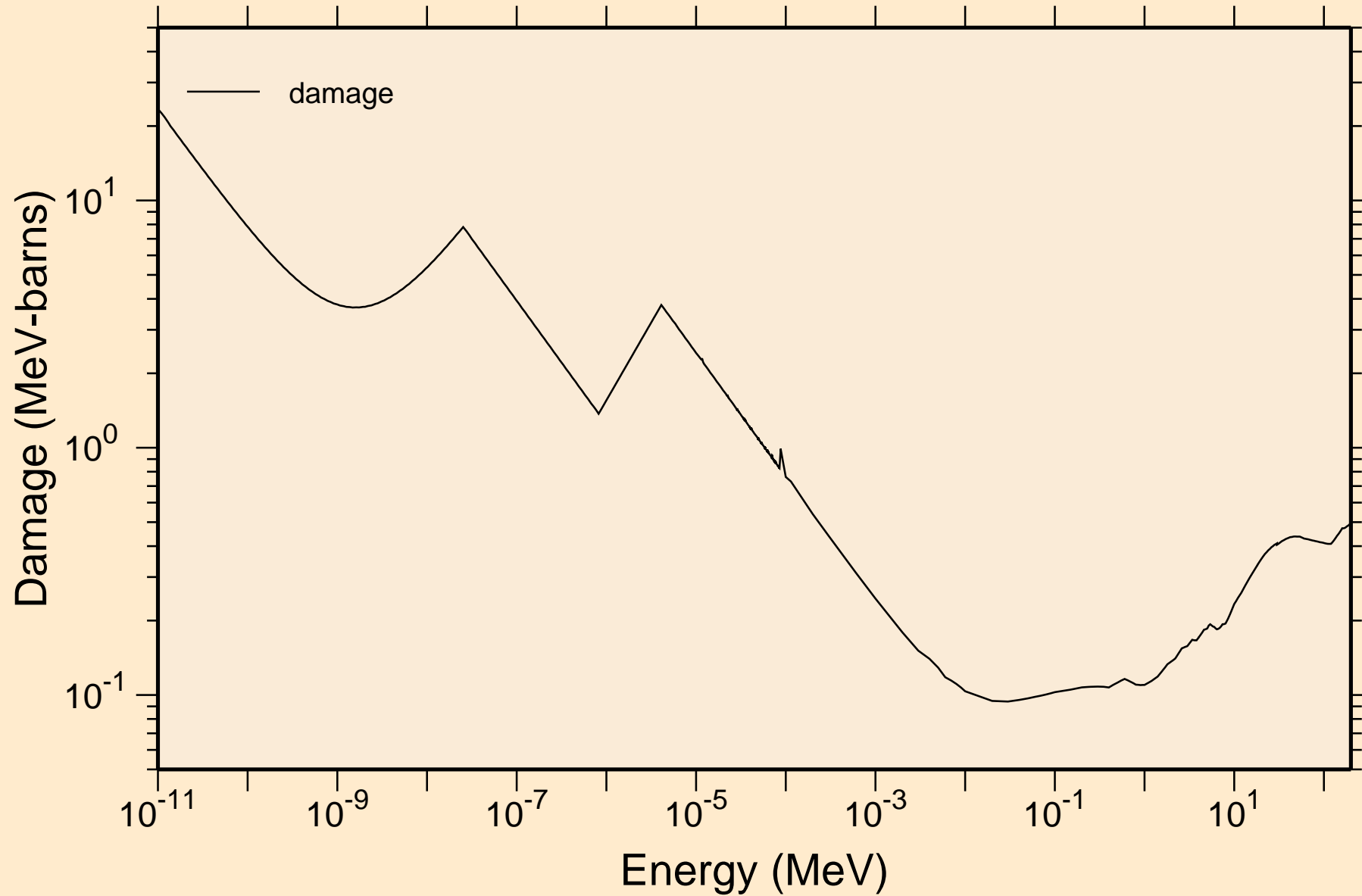
# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

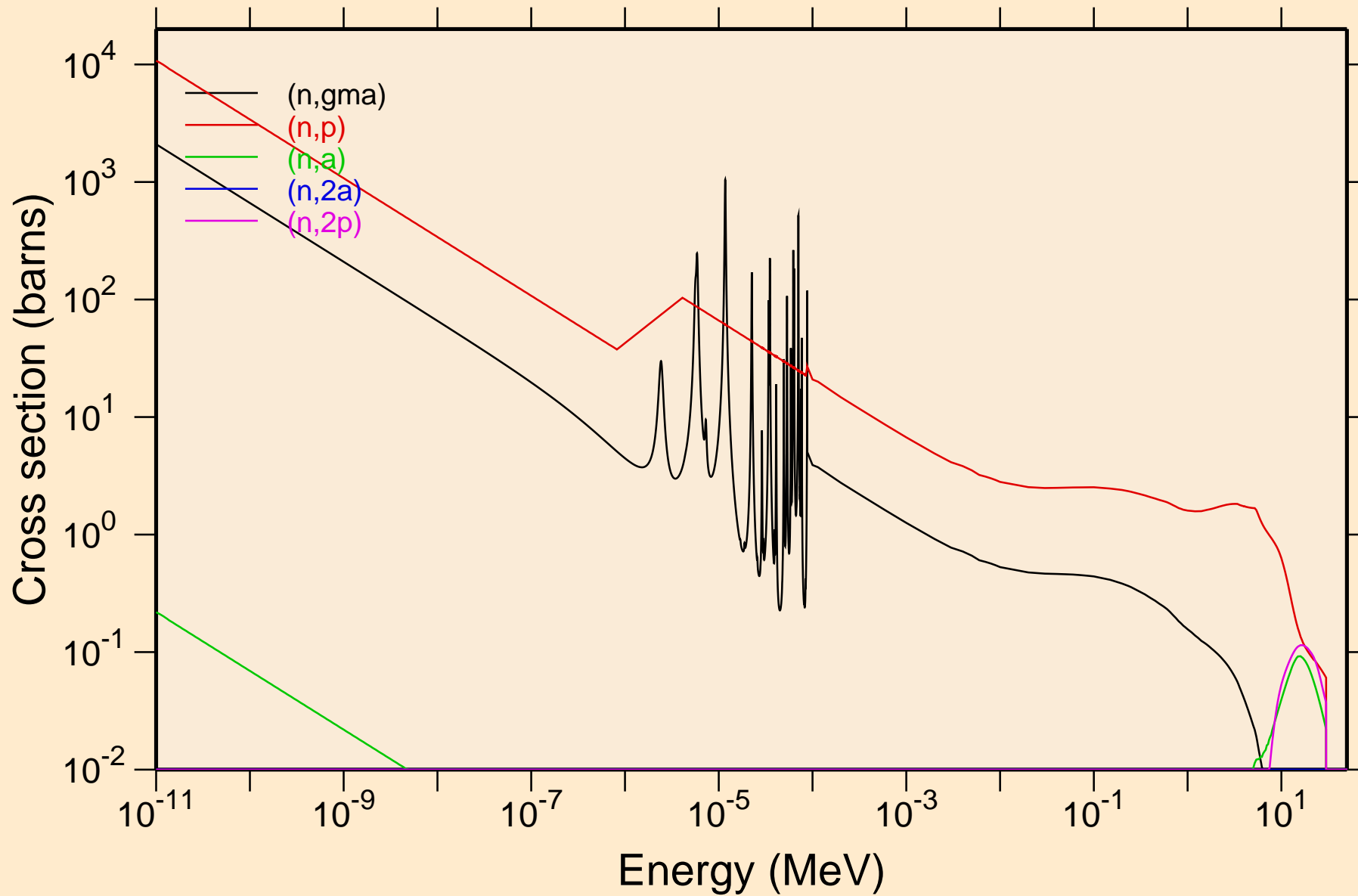




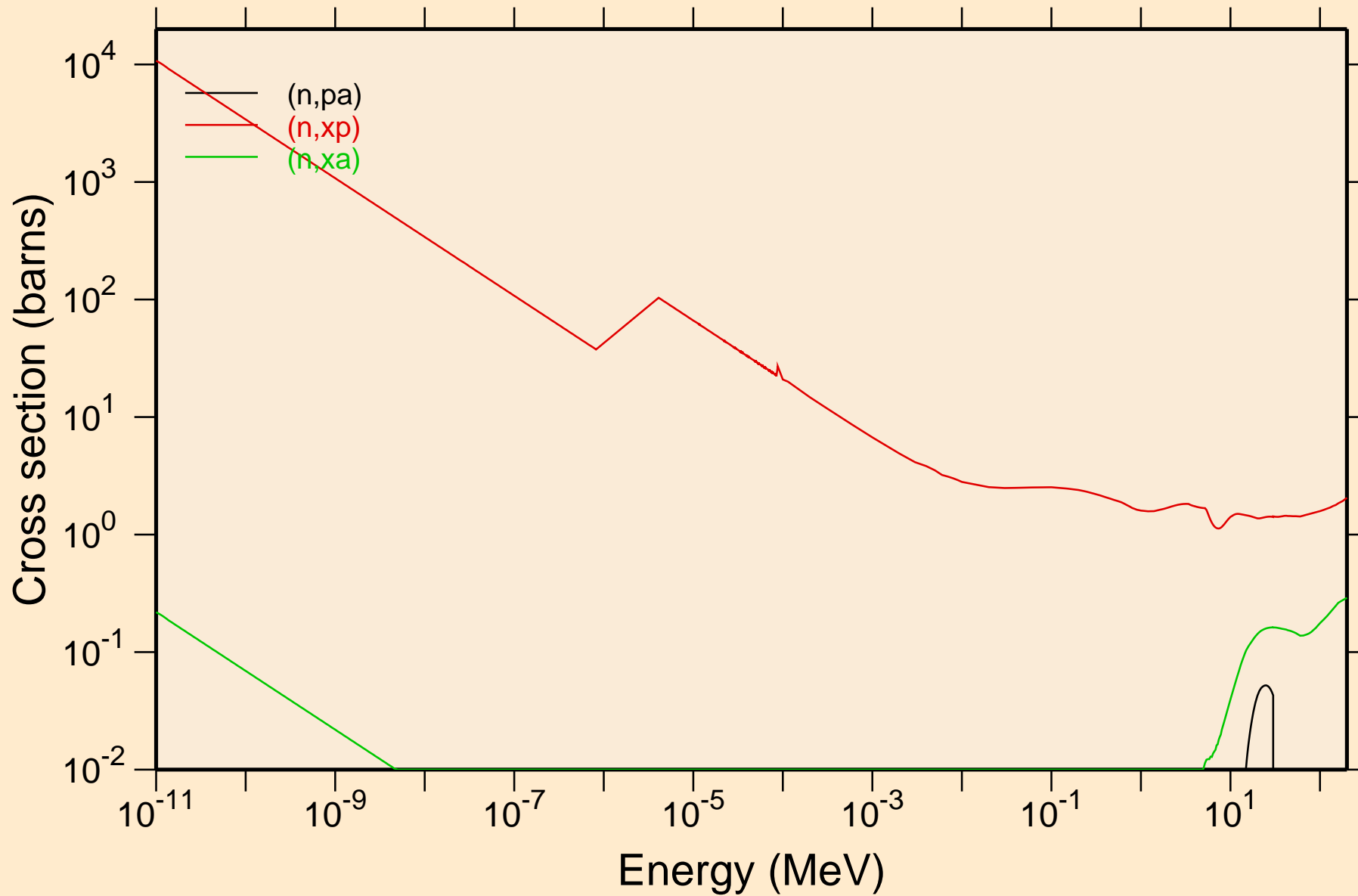
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

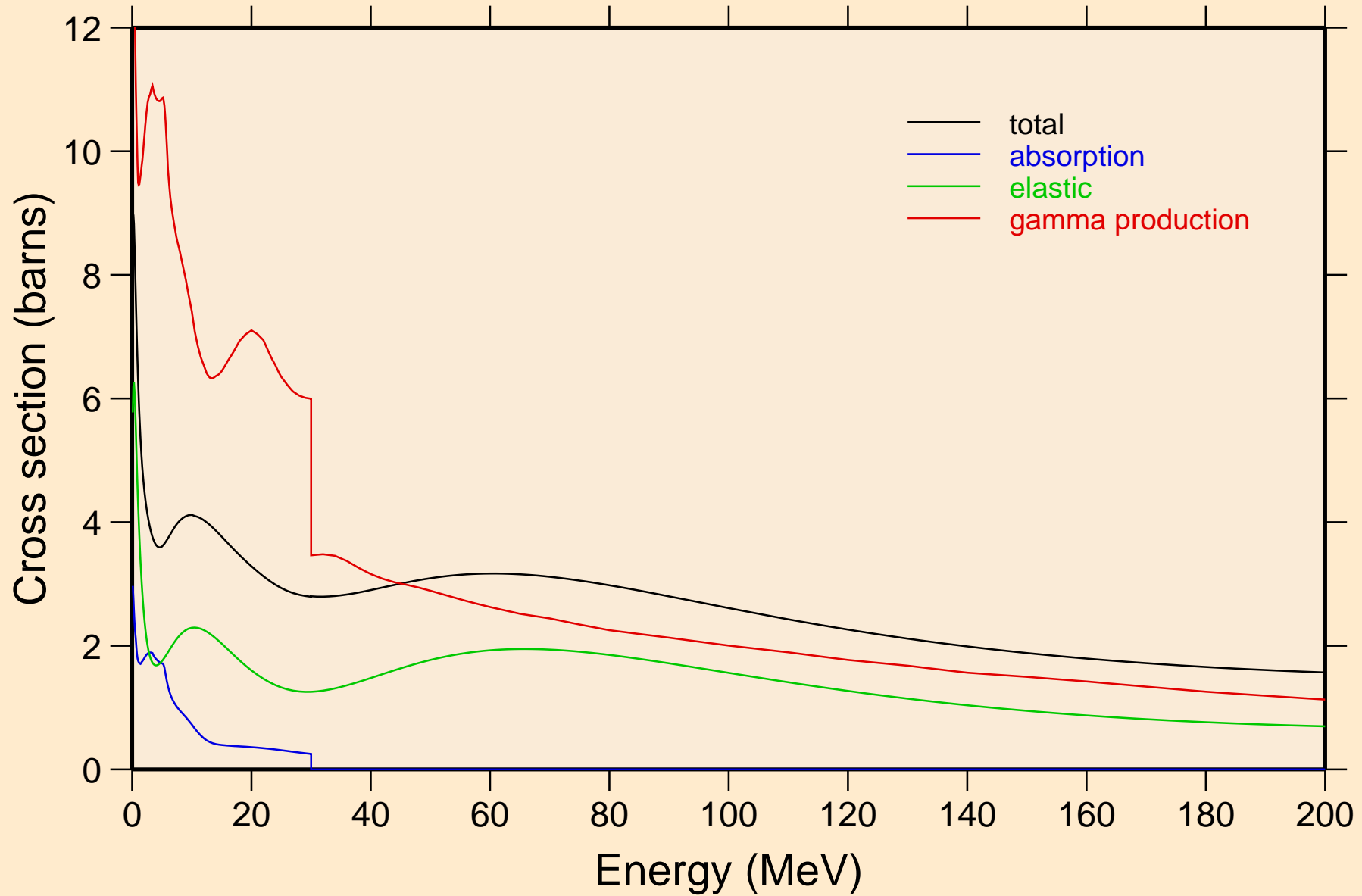


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



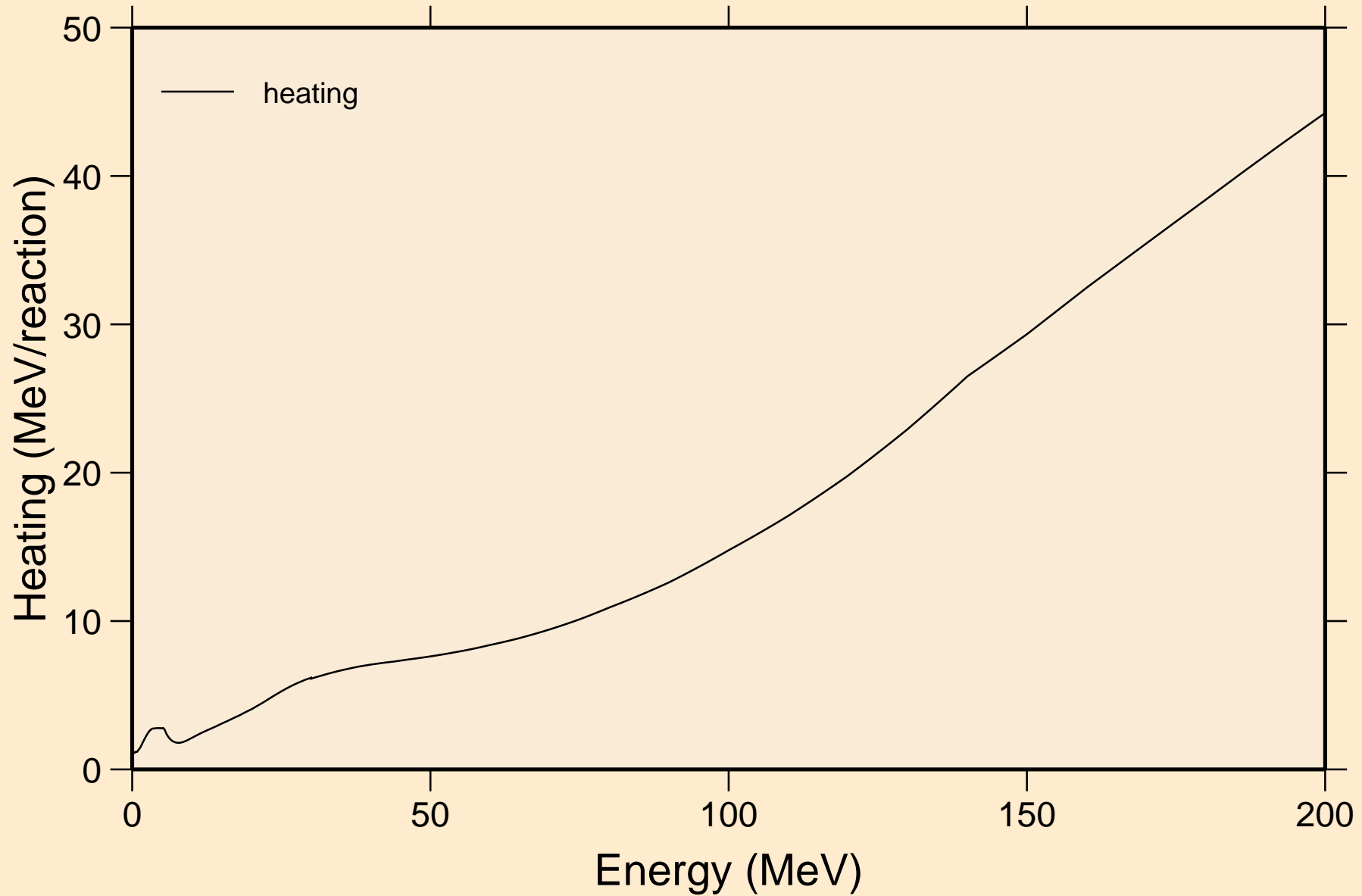
# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

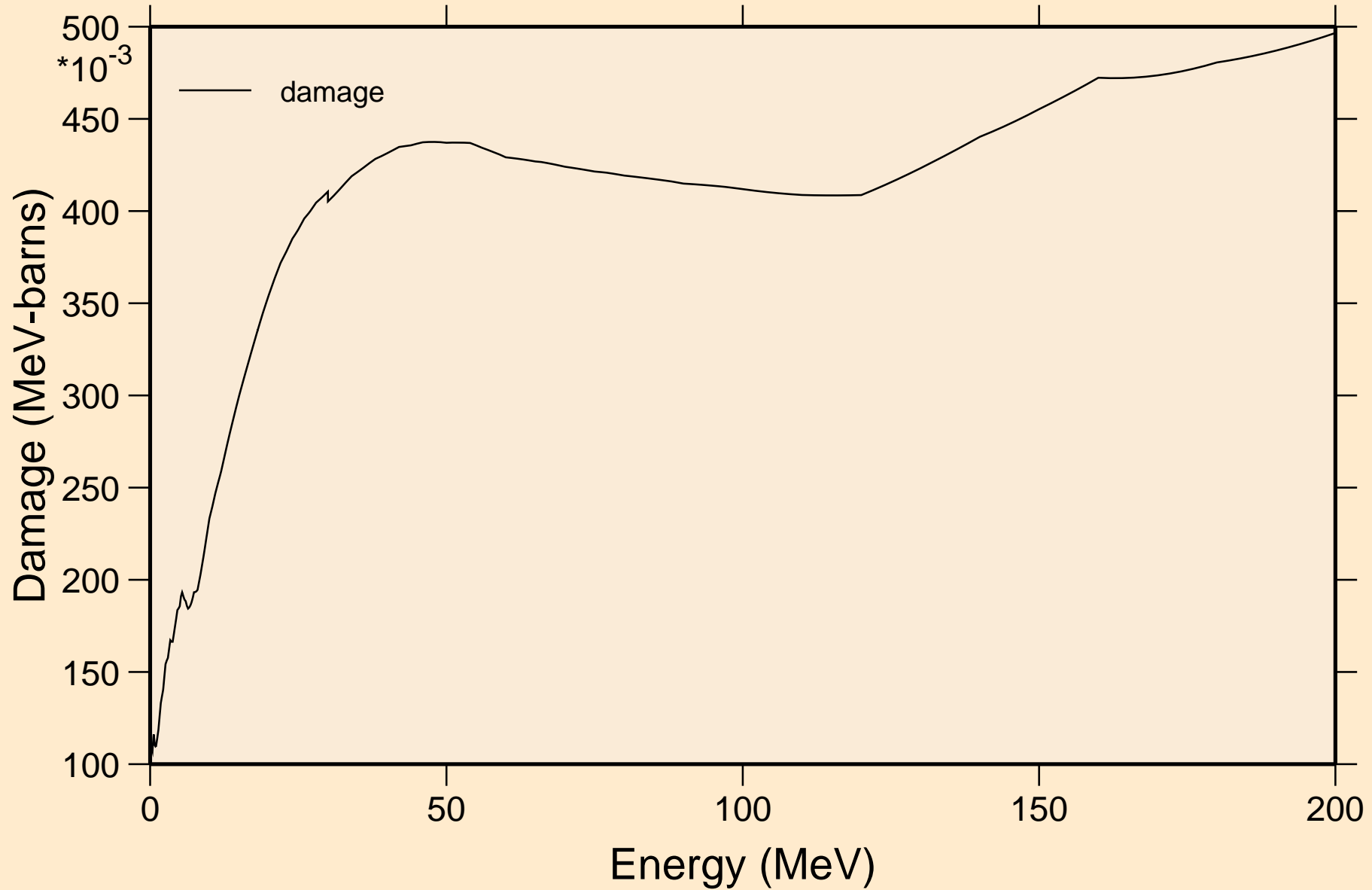


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

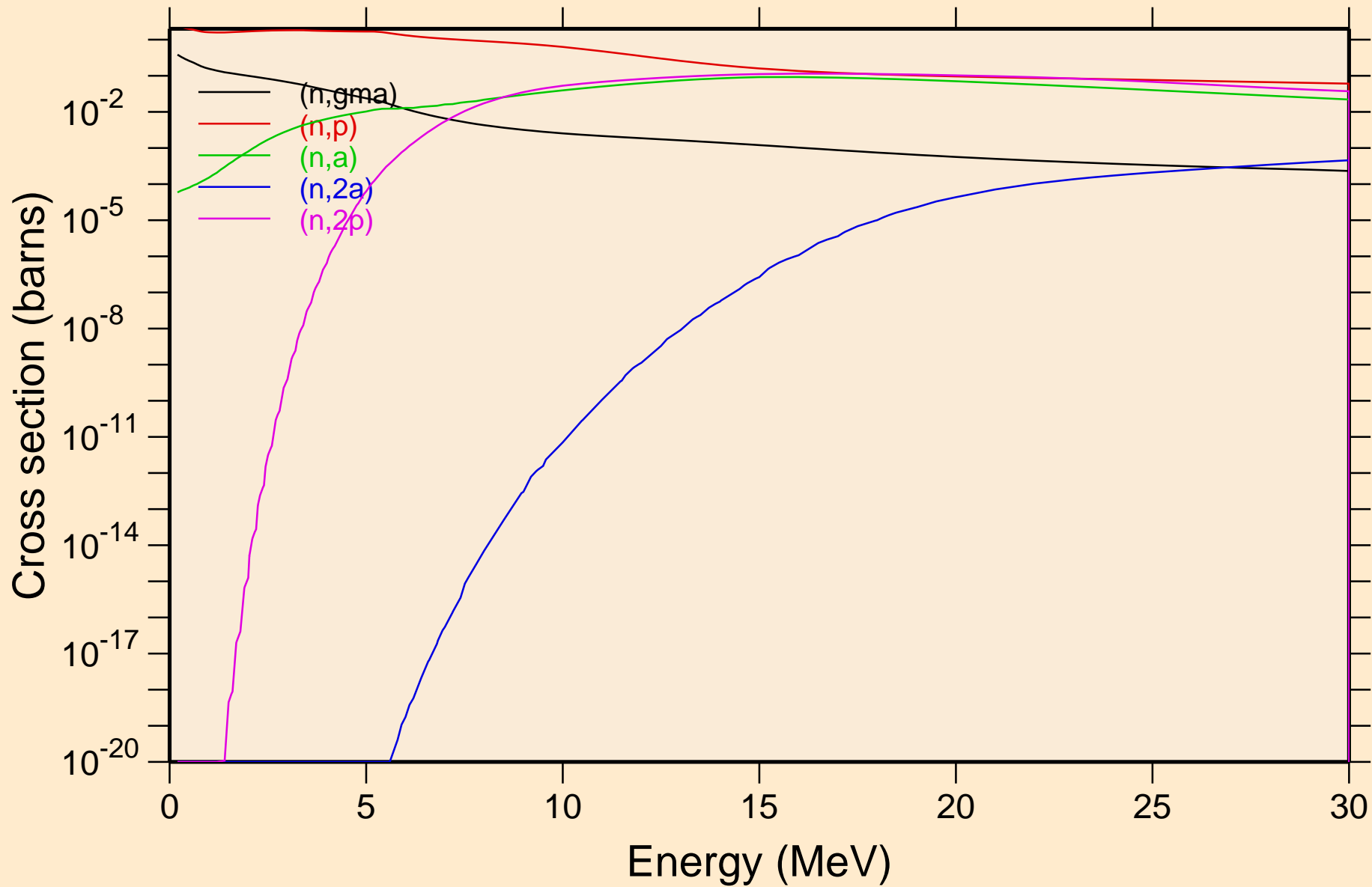


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

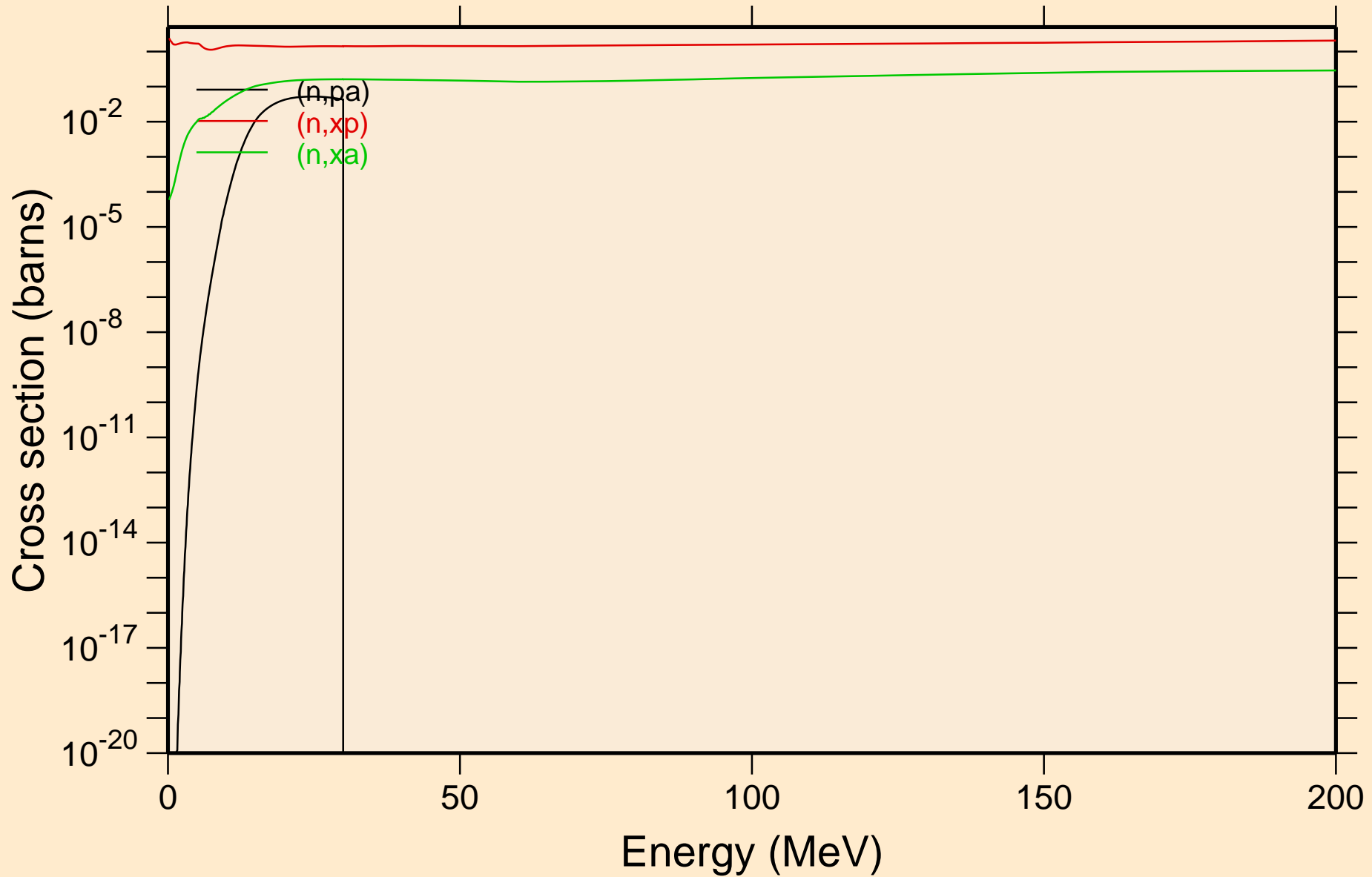


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

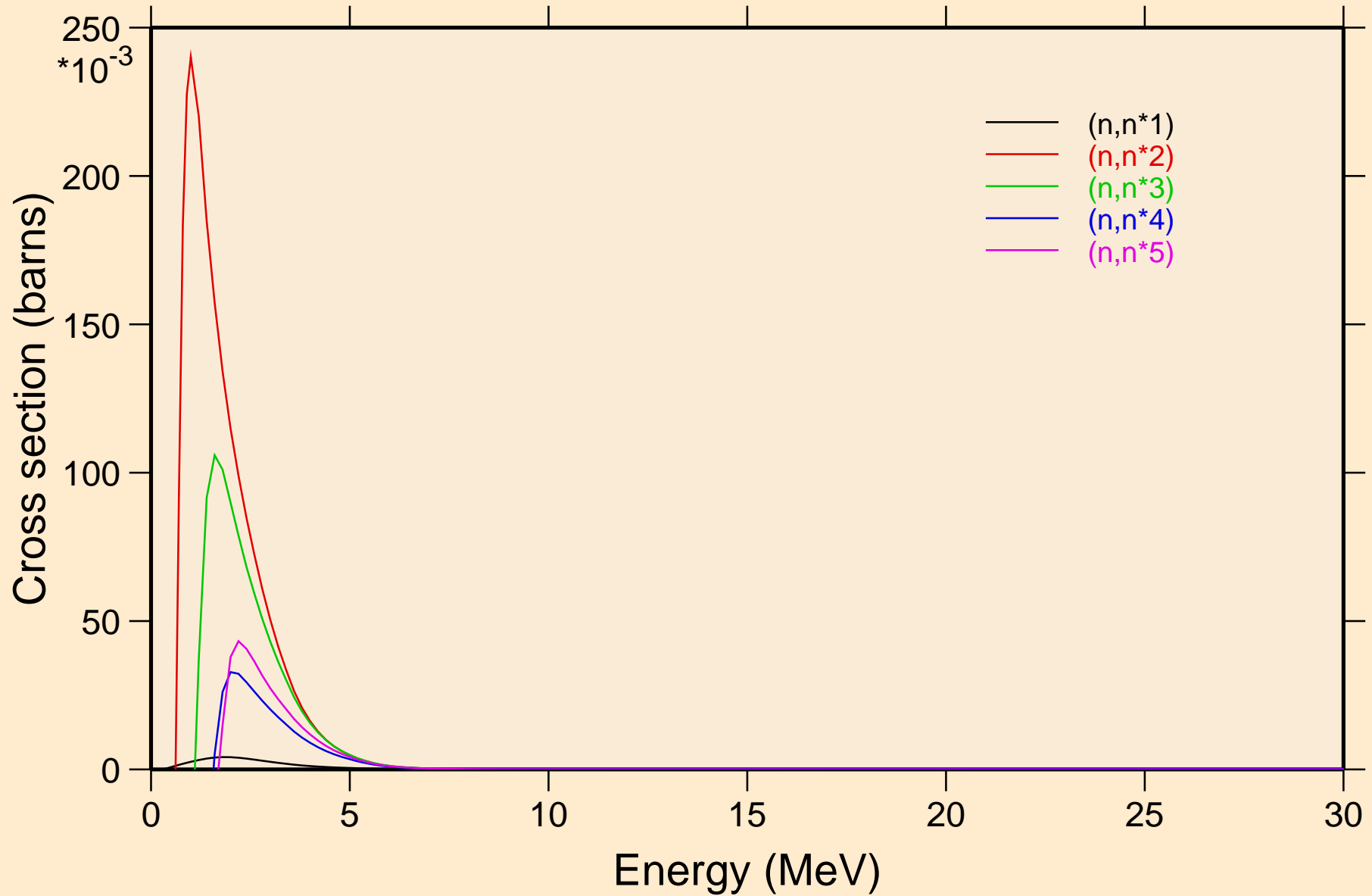


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

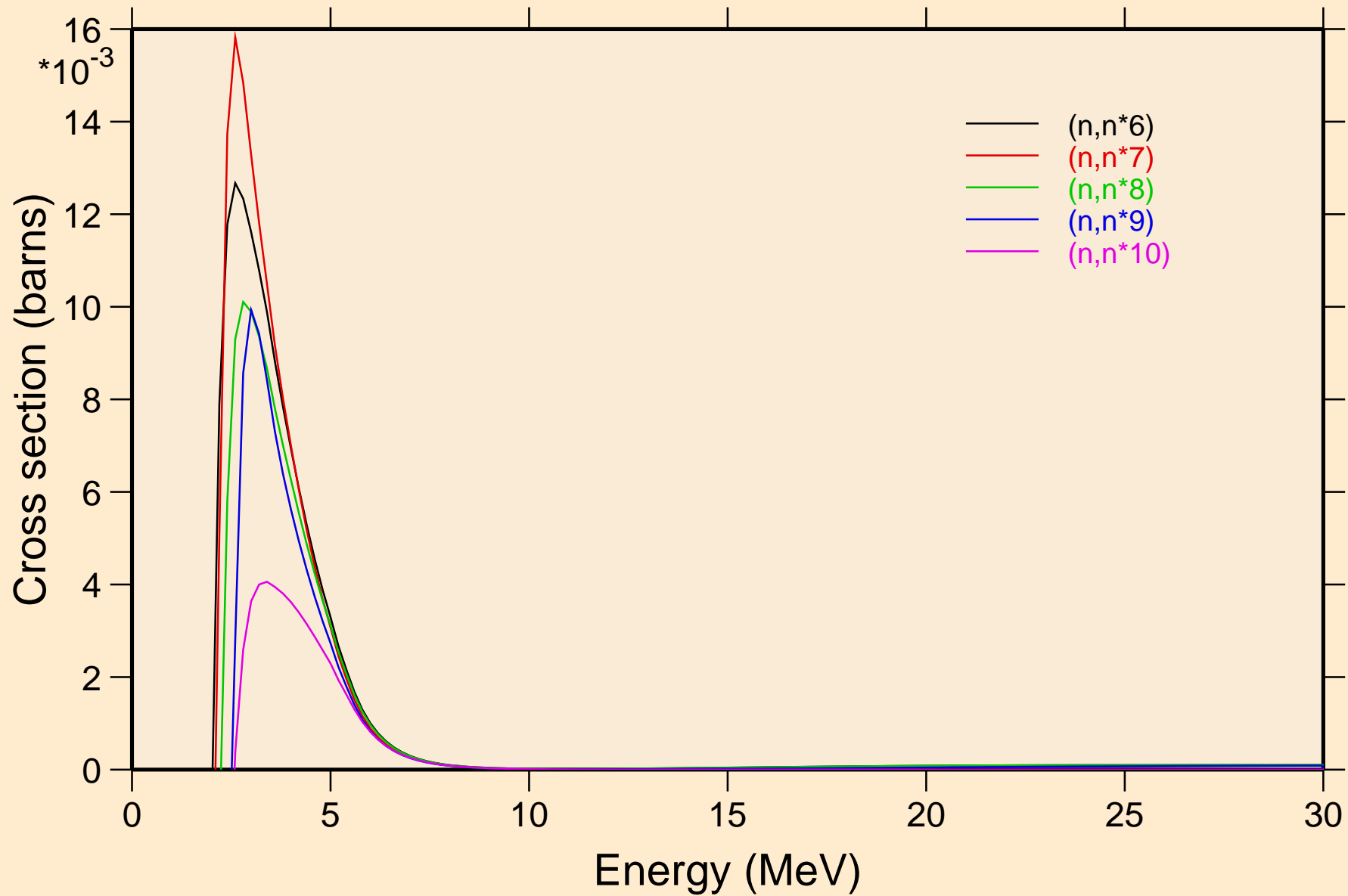




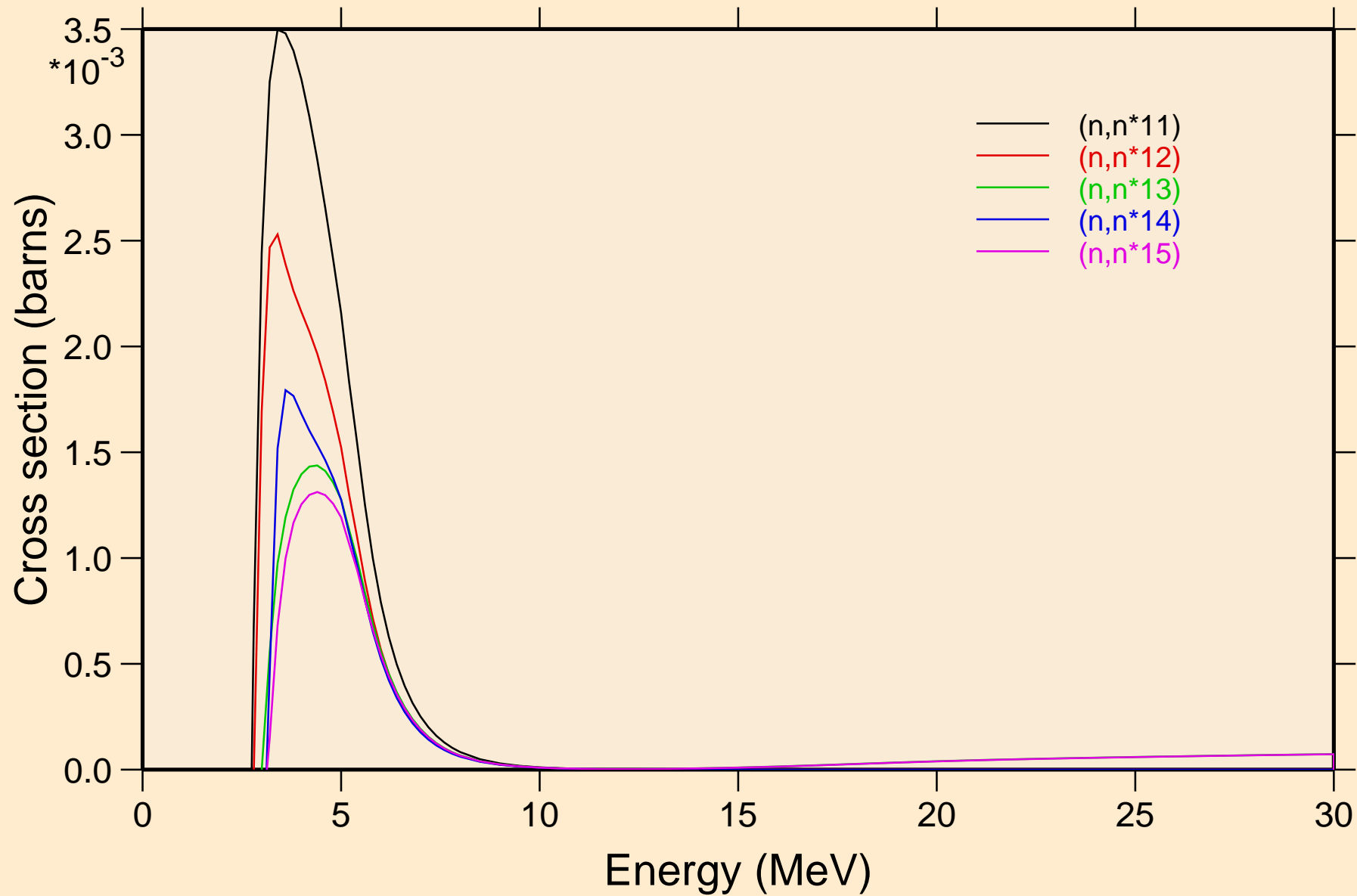
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



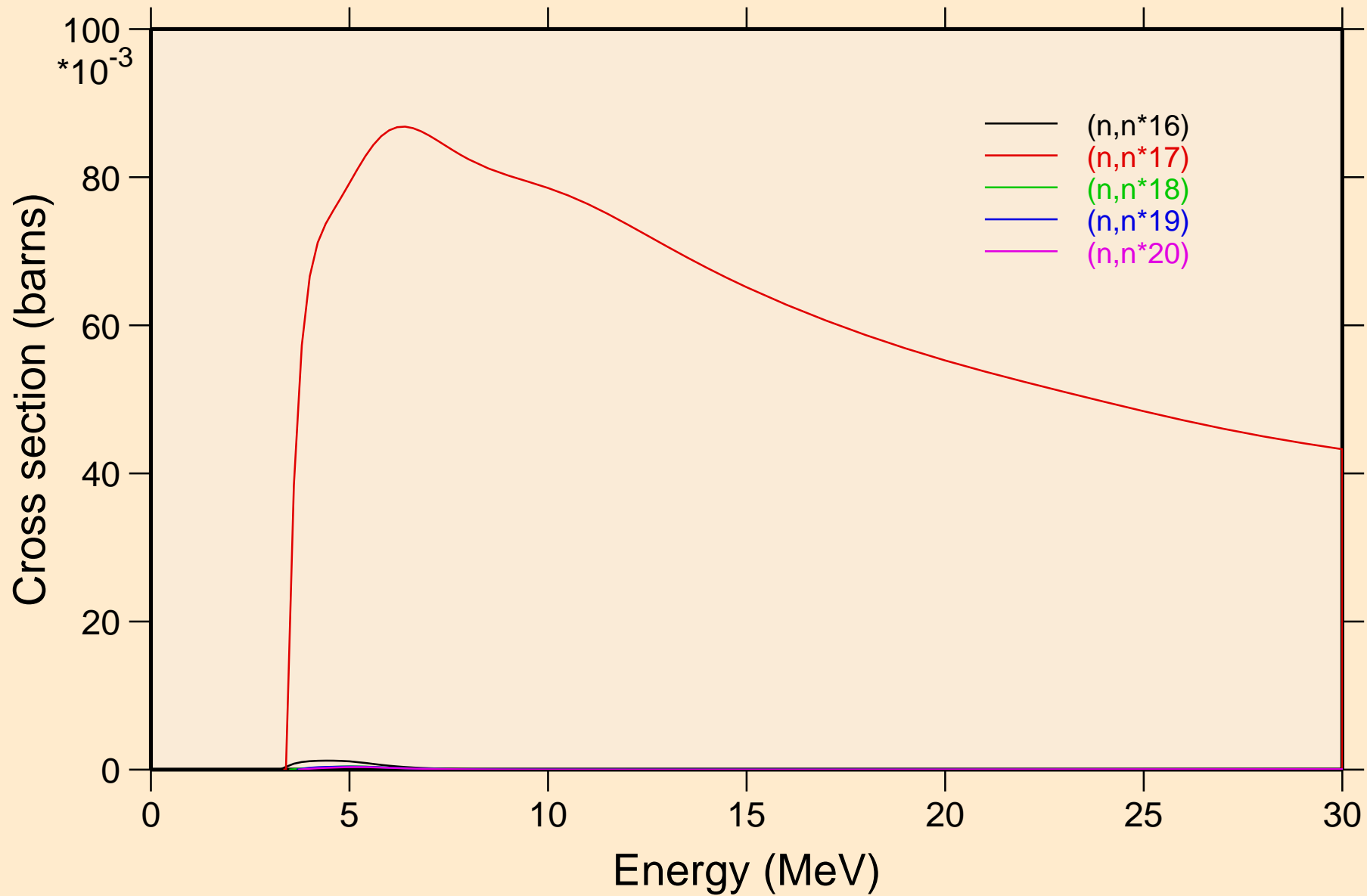
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



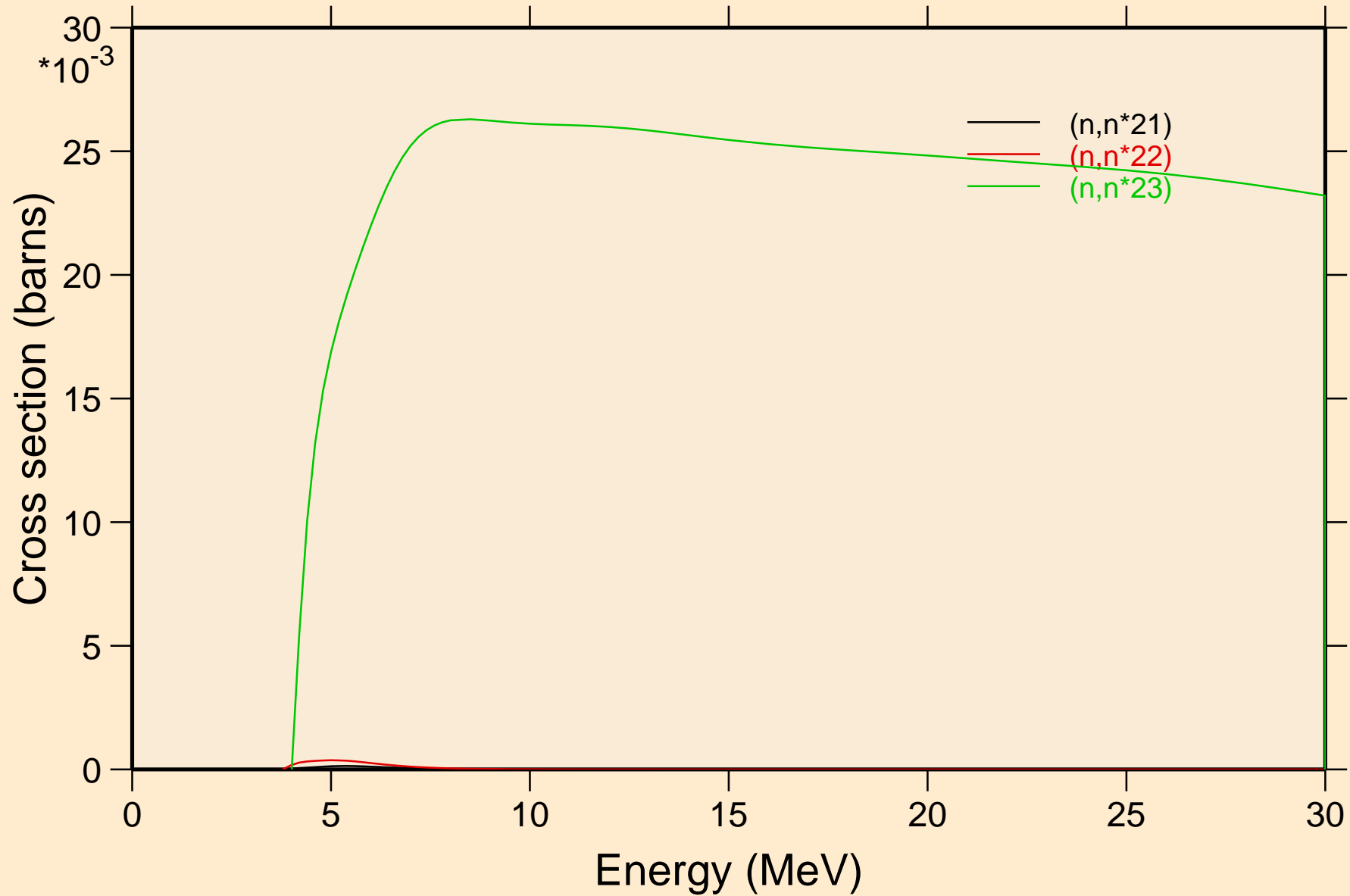
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

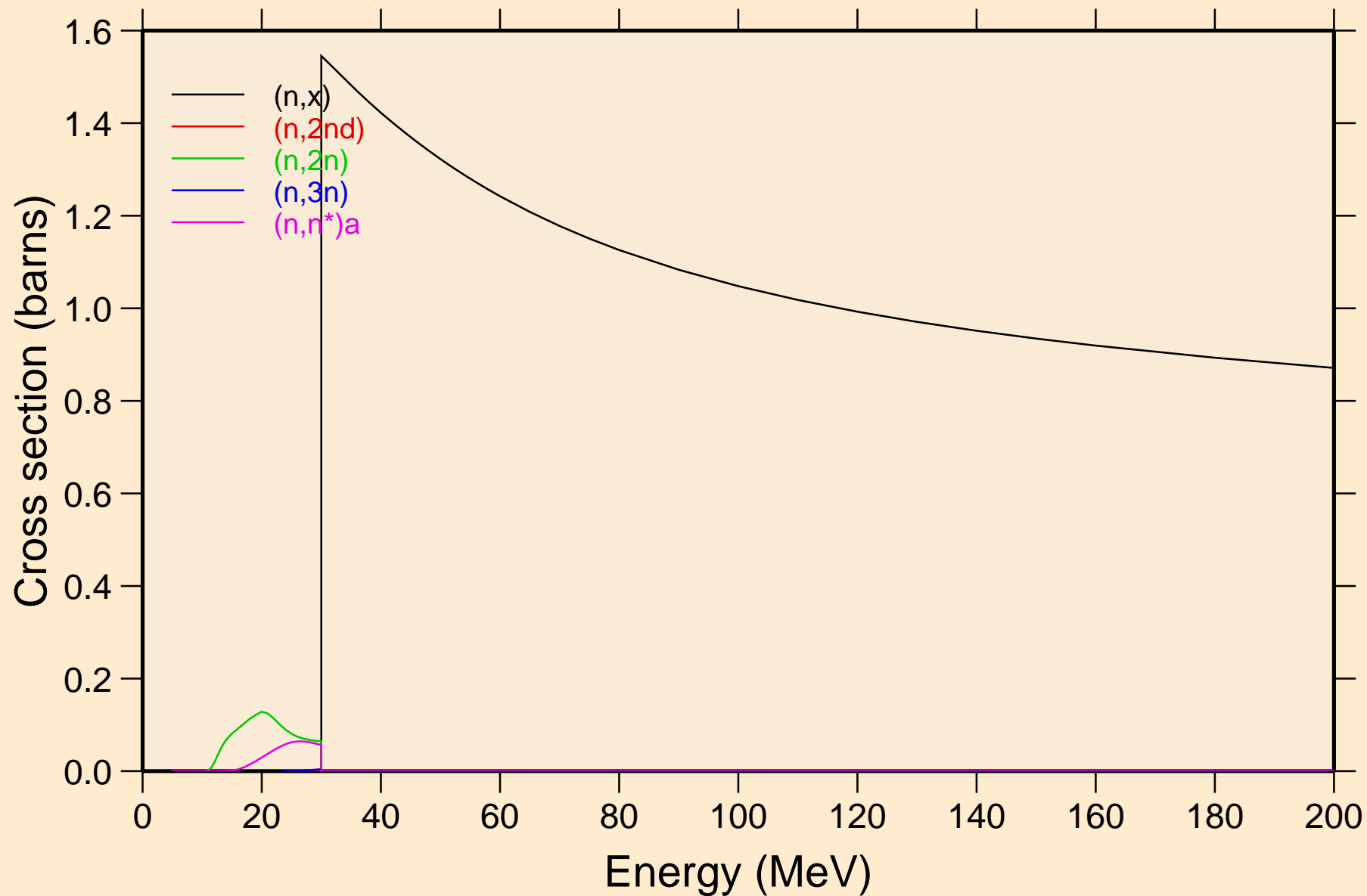


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

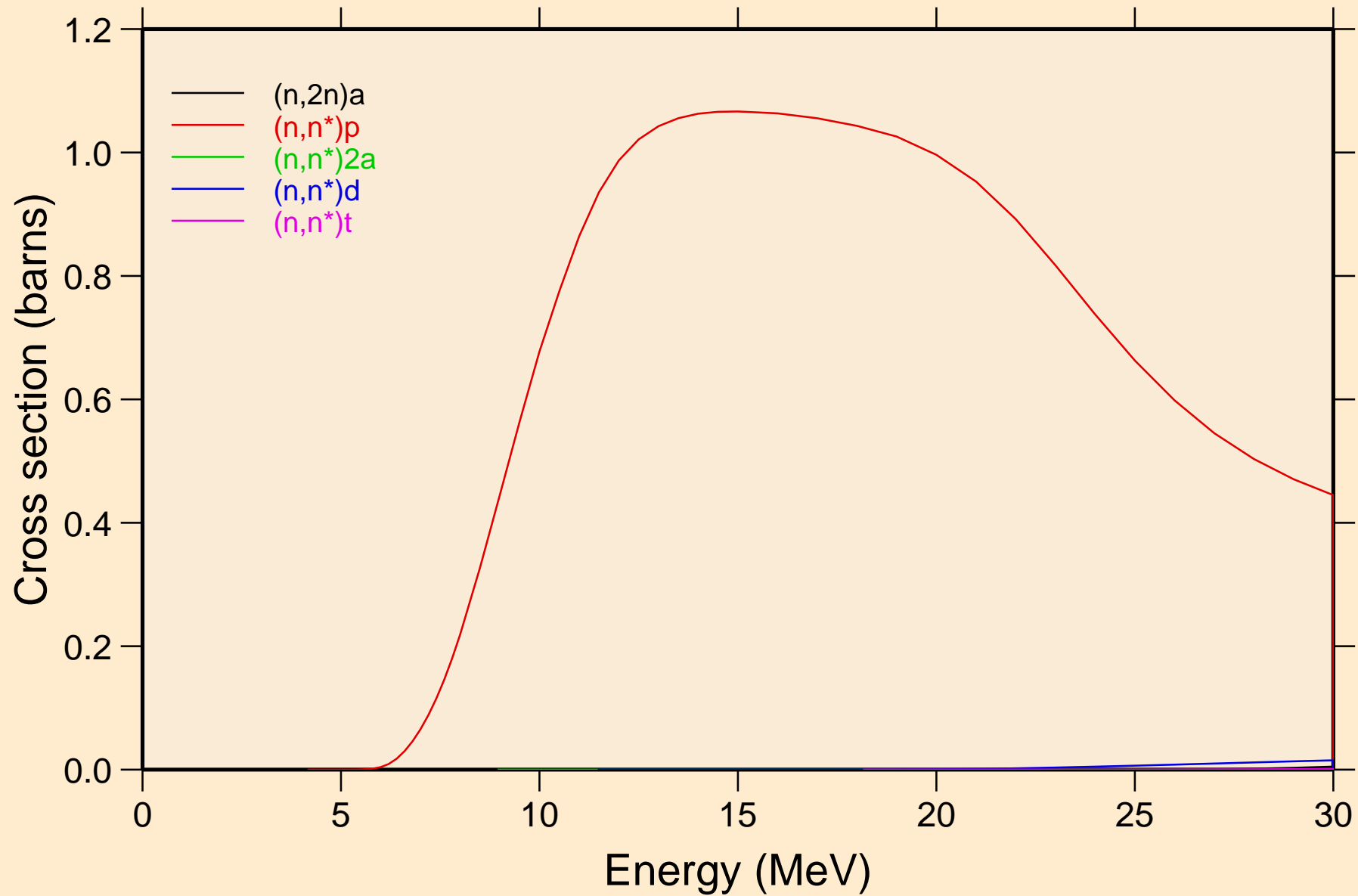


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

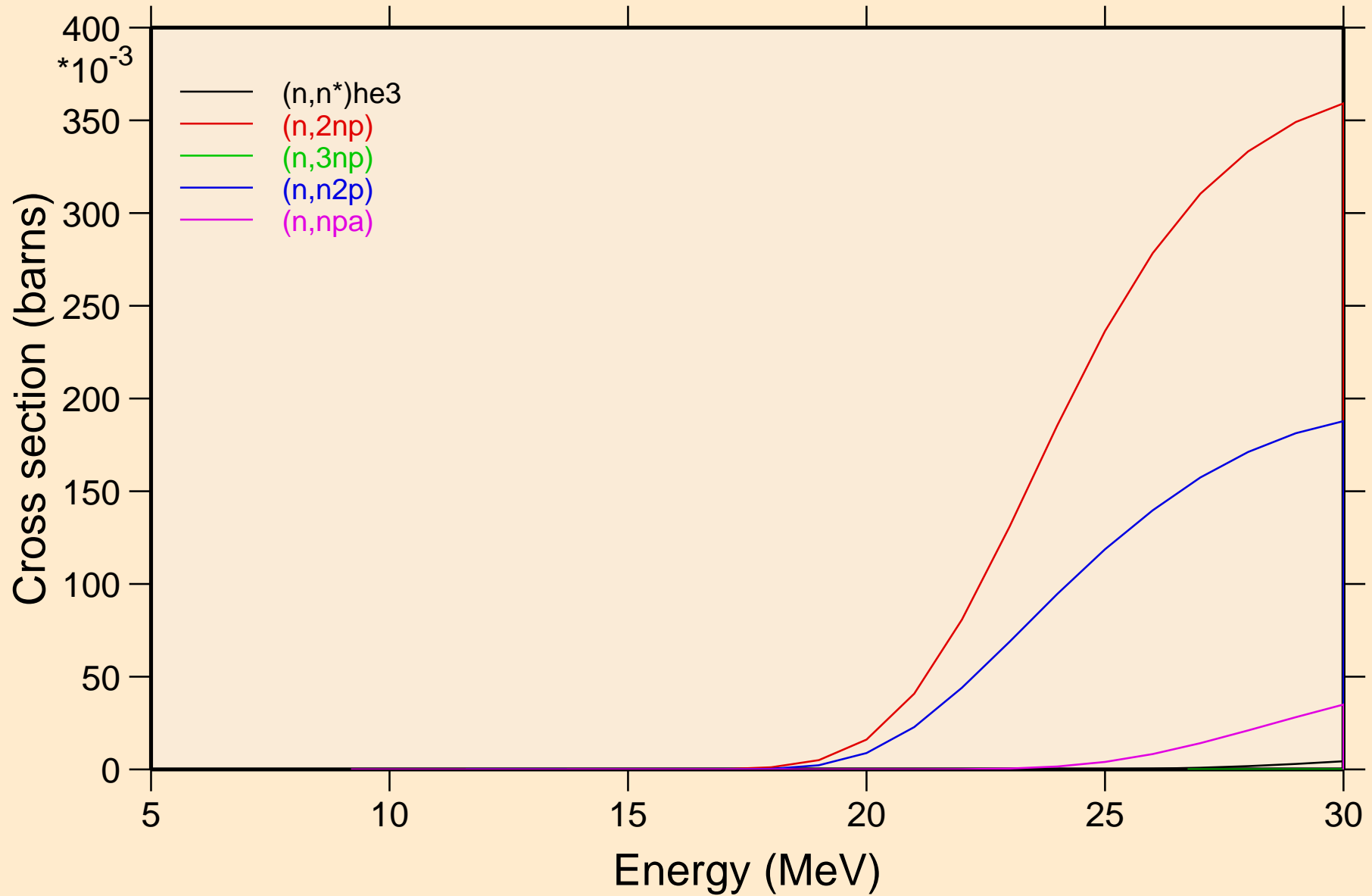


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

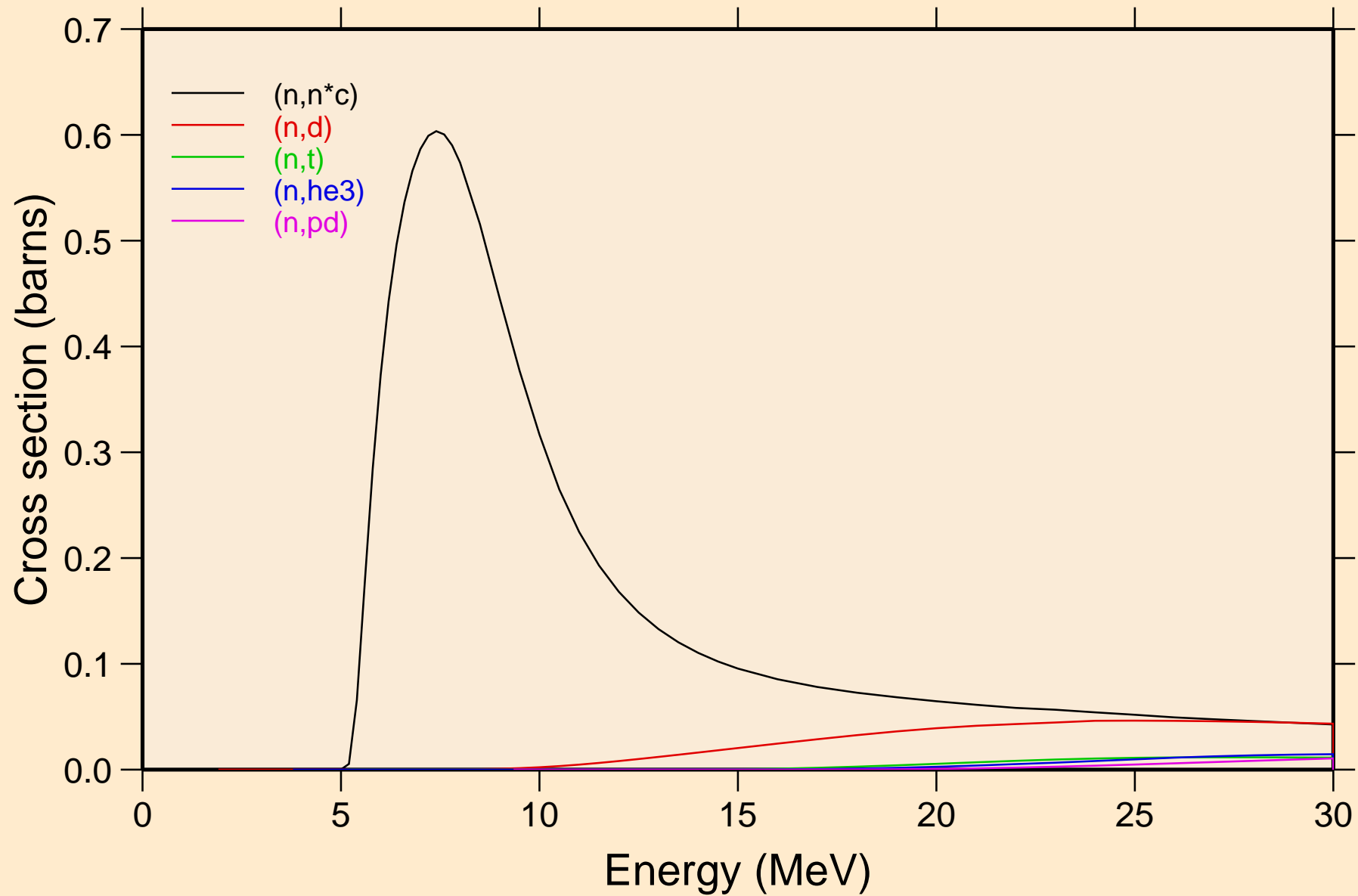
## Threshold reactions



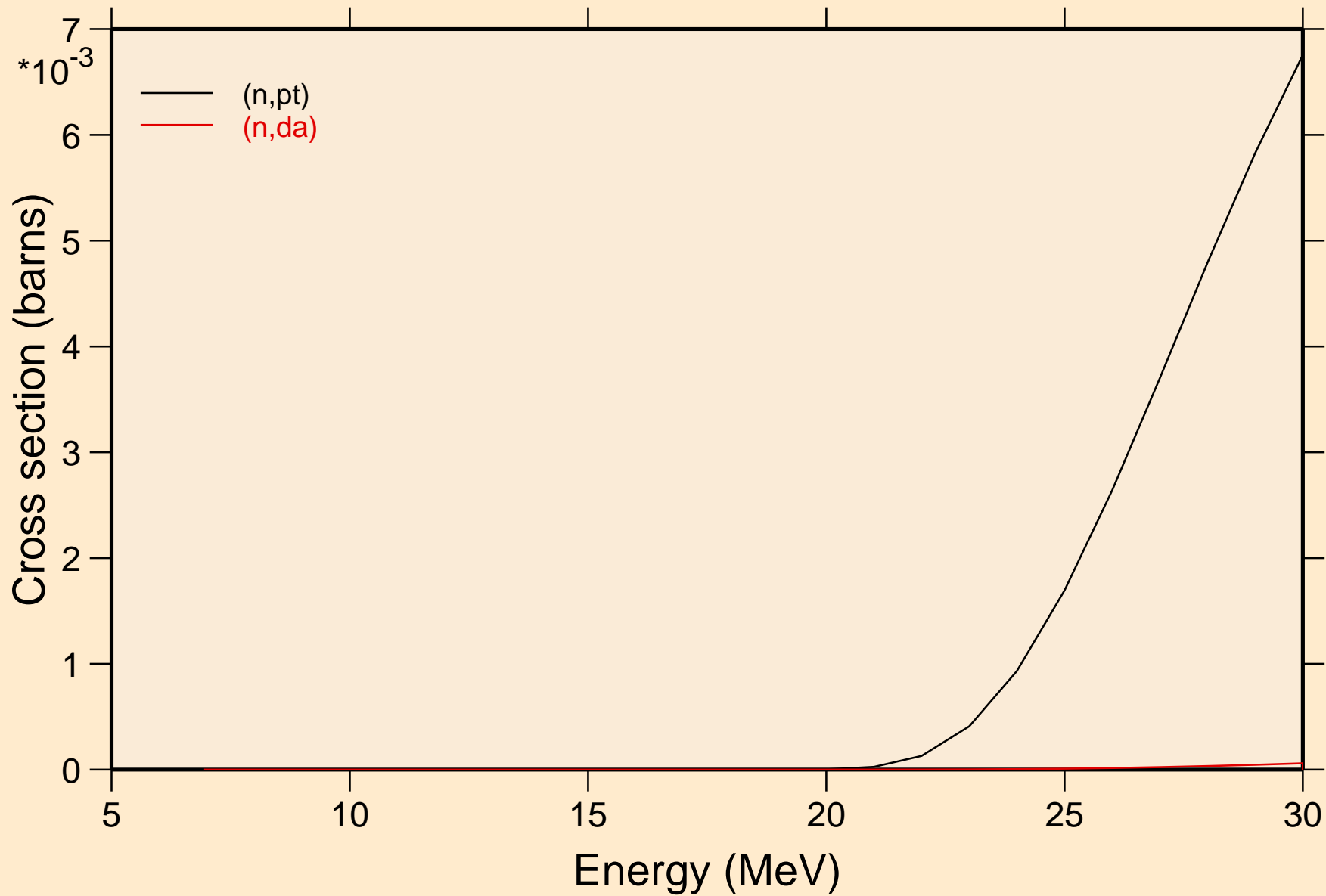


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

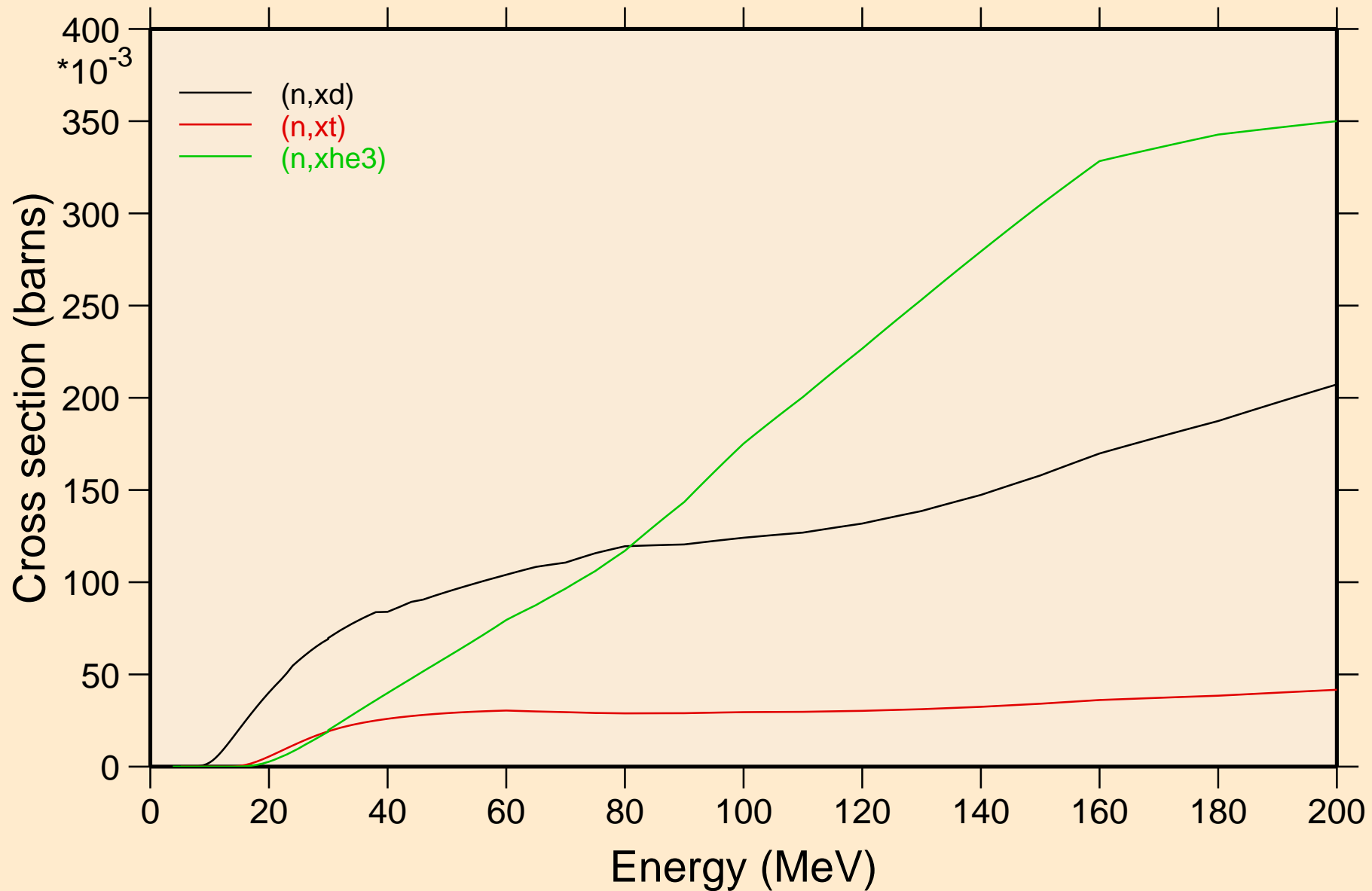


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

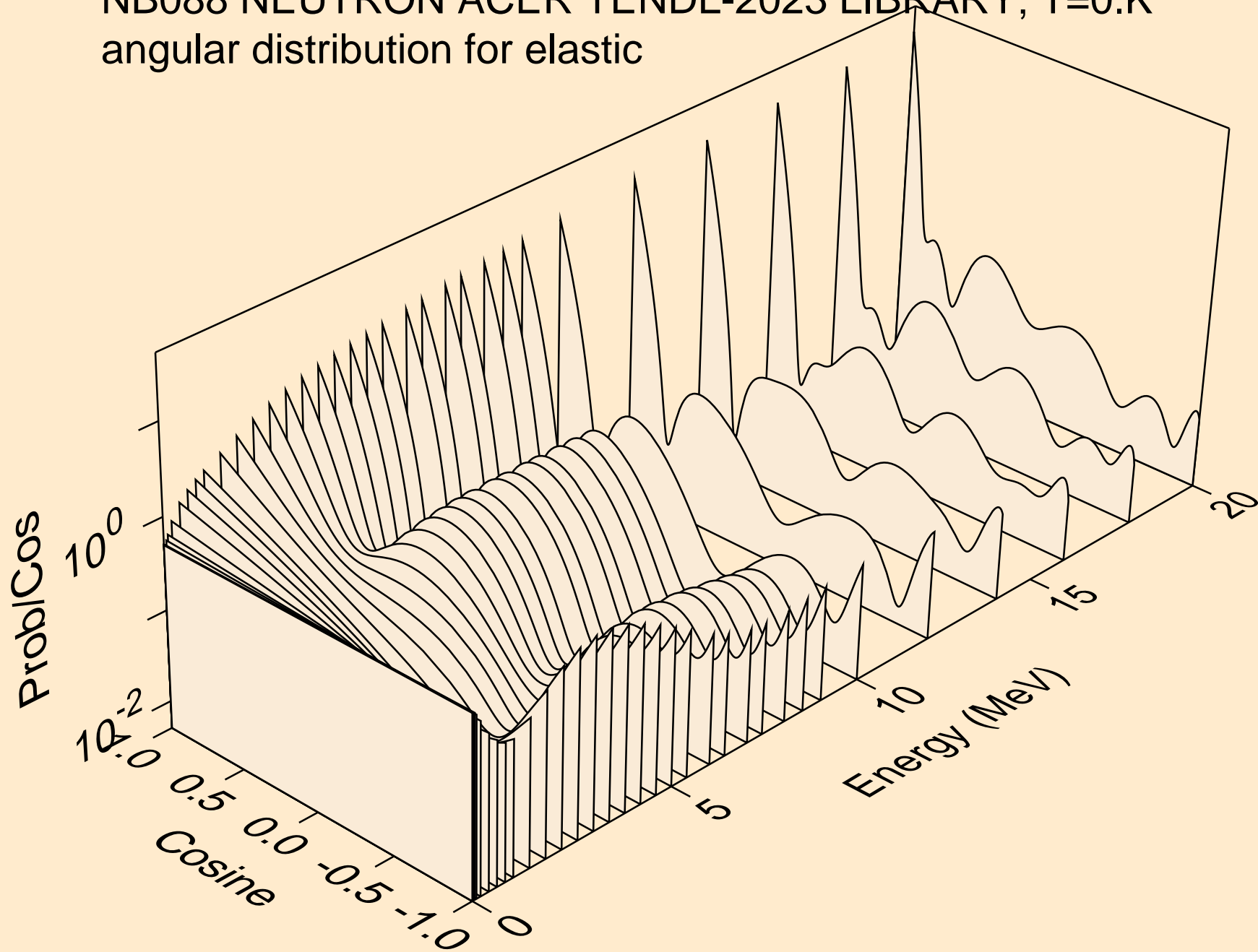


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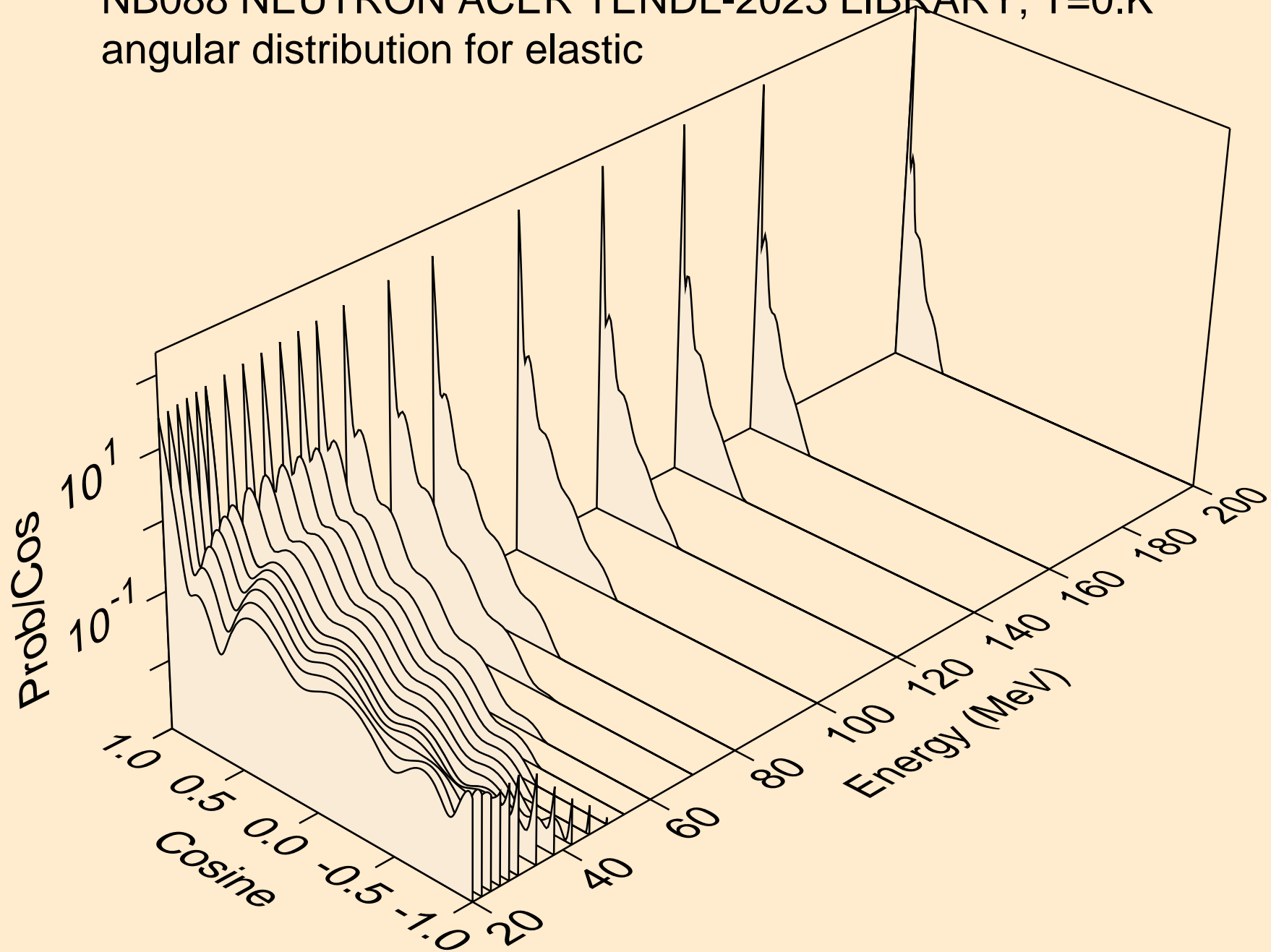
## Threshold reactions



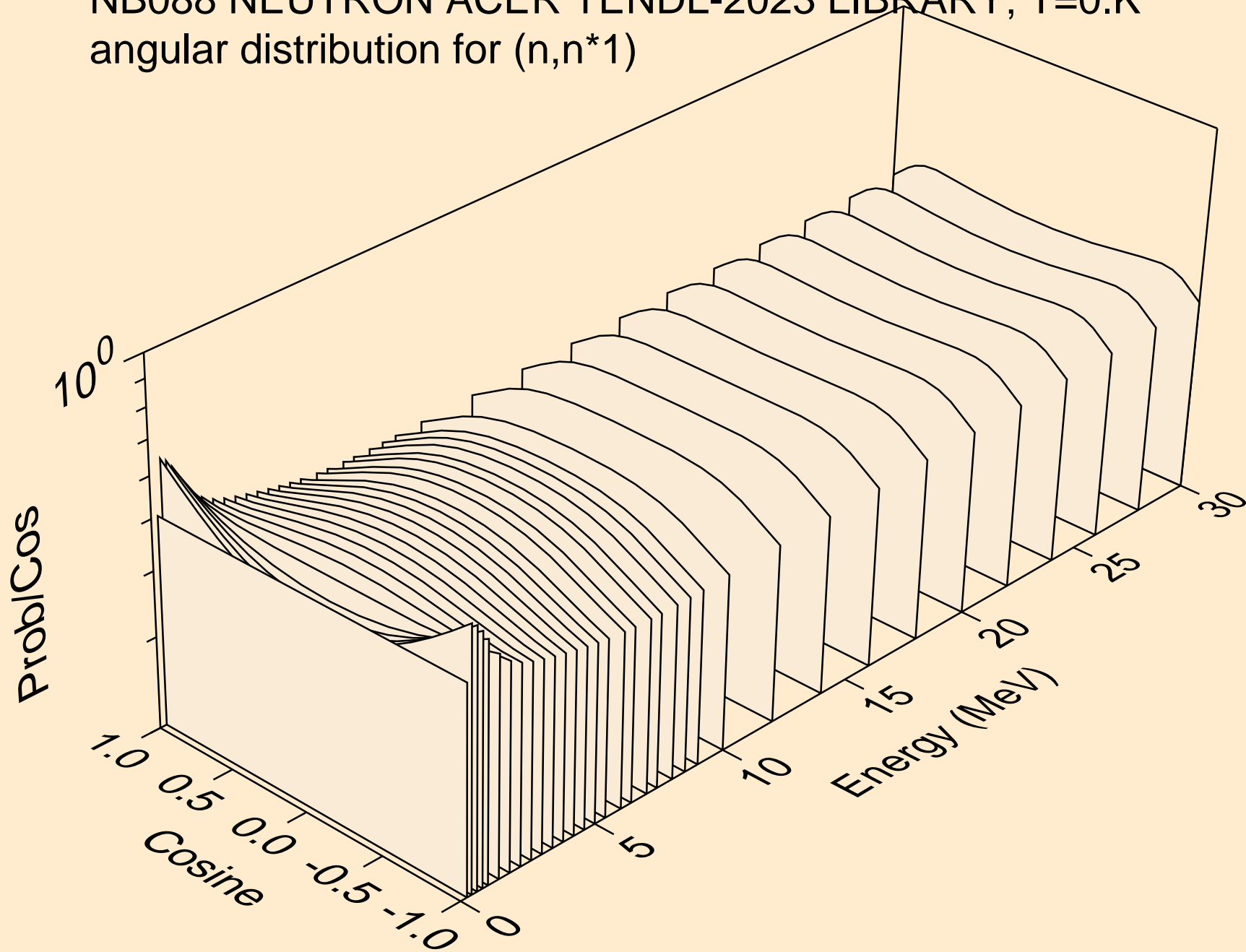
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



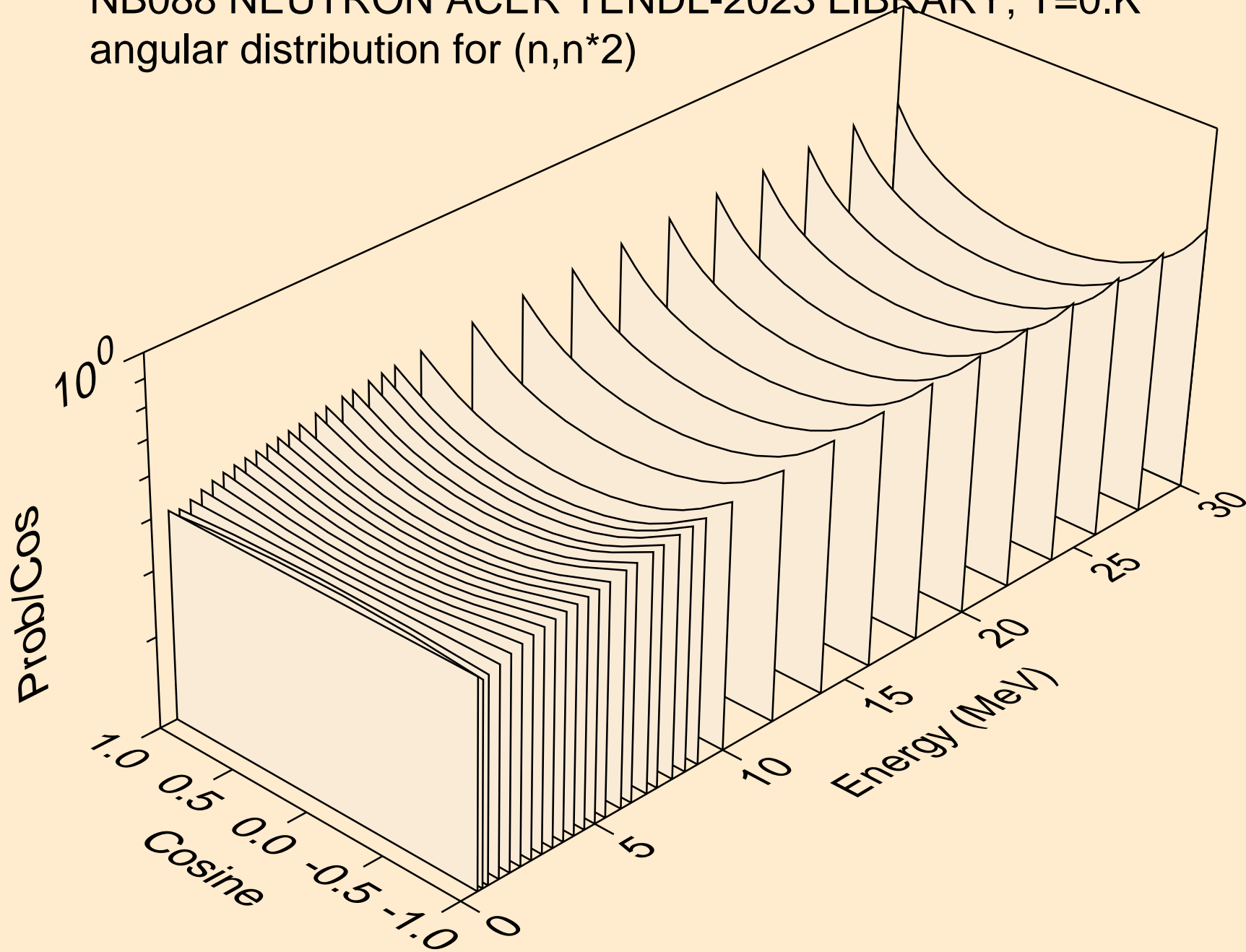
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angular distribution for elastic



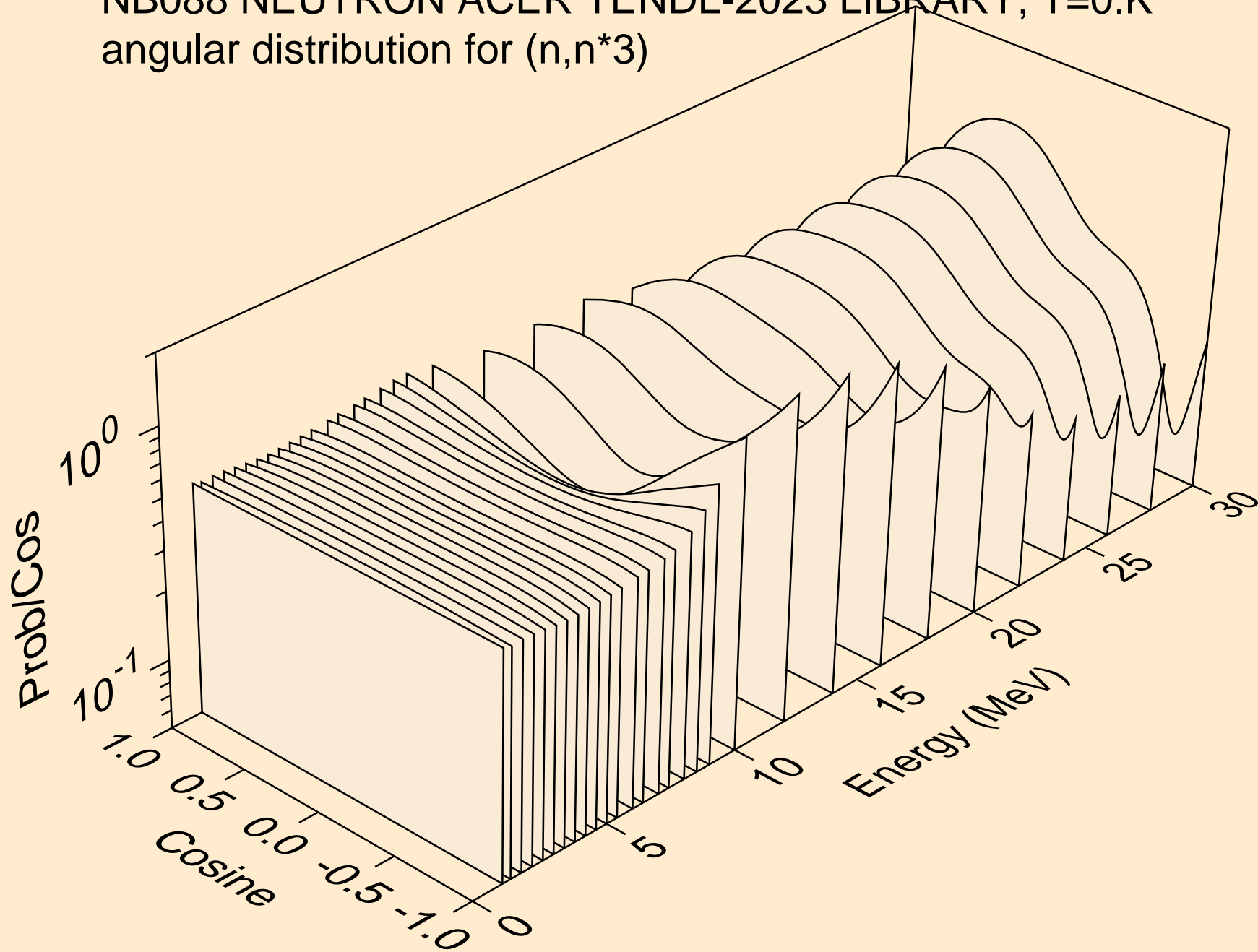
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

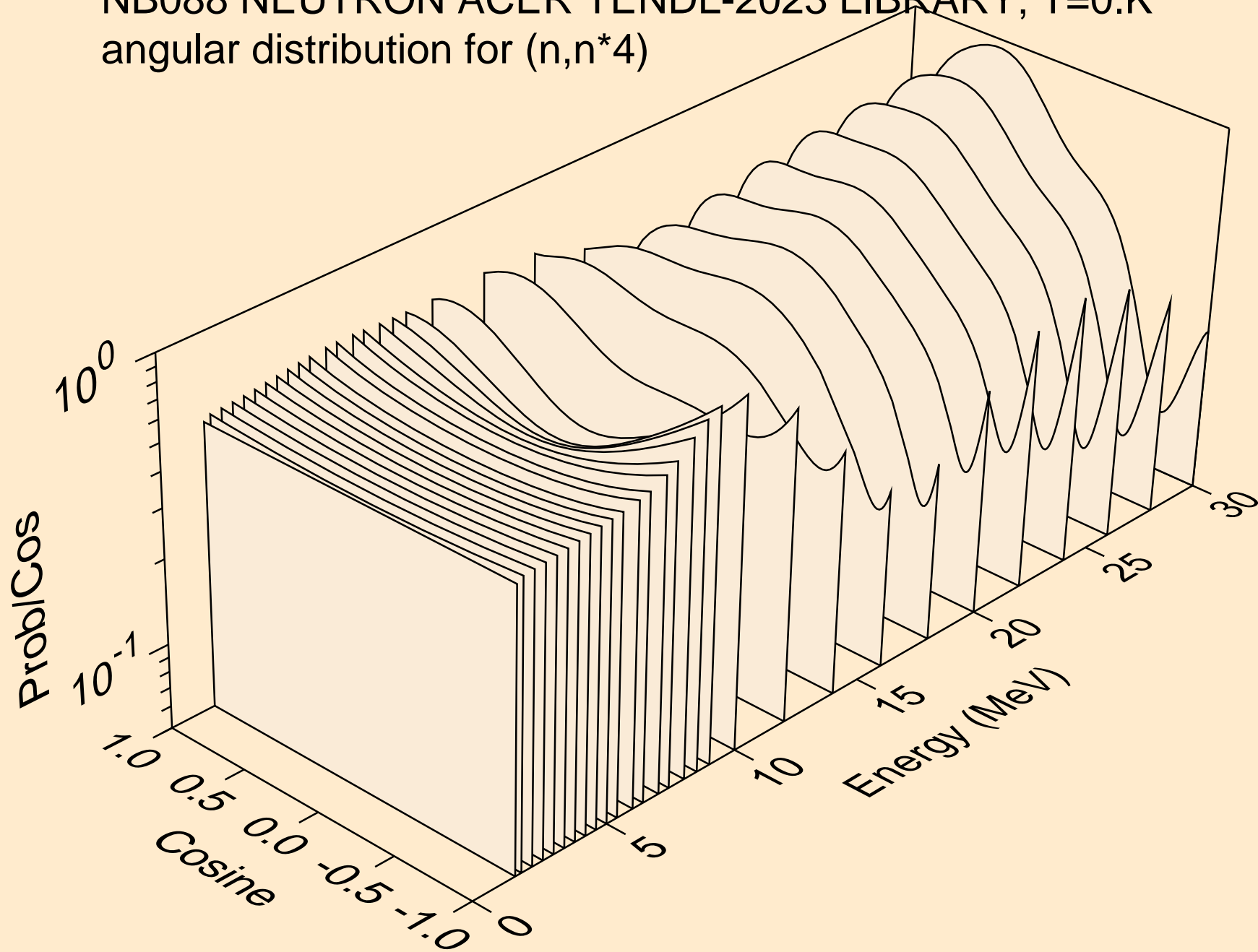


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

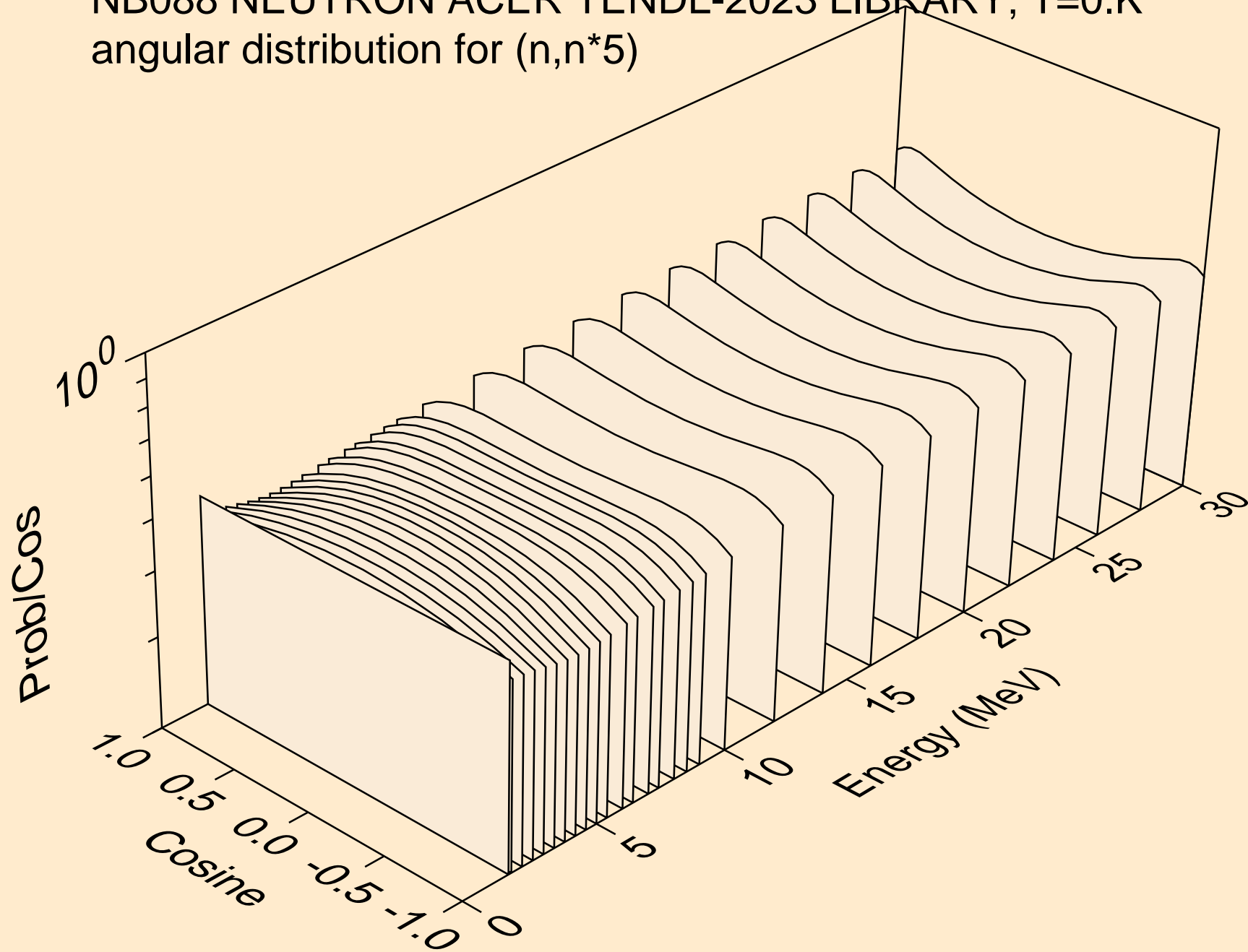




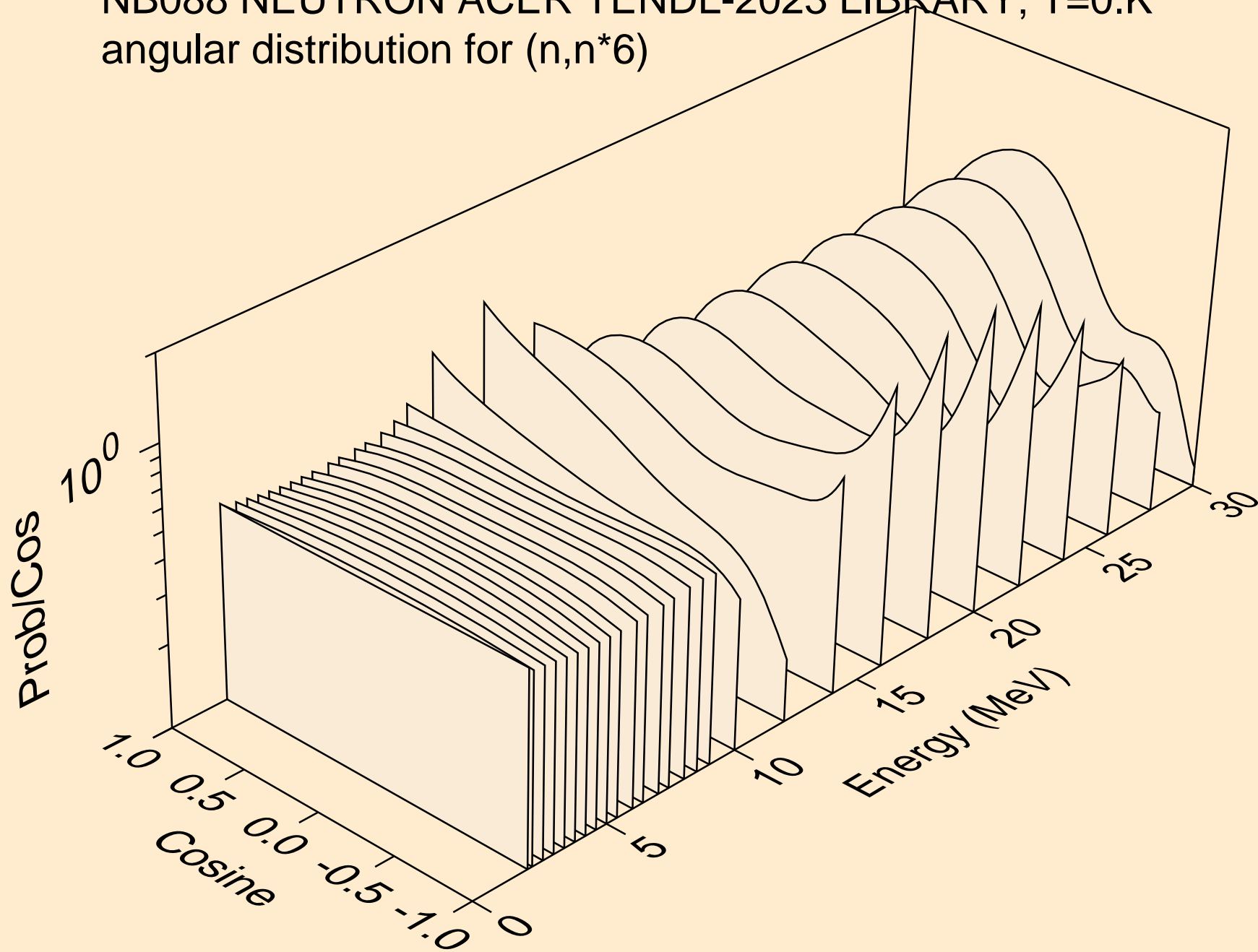
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angular distribution for (n,n\*4)



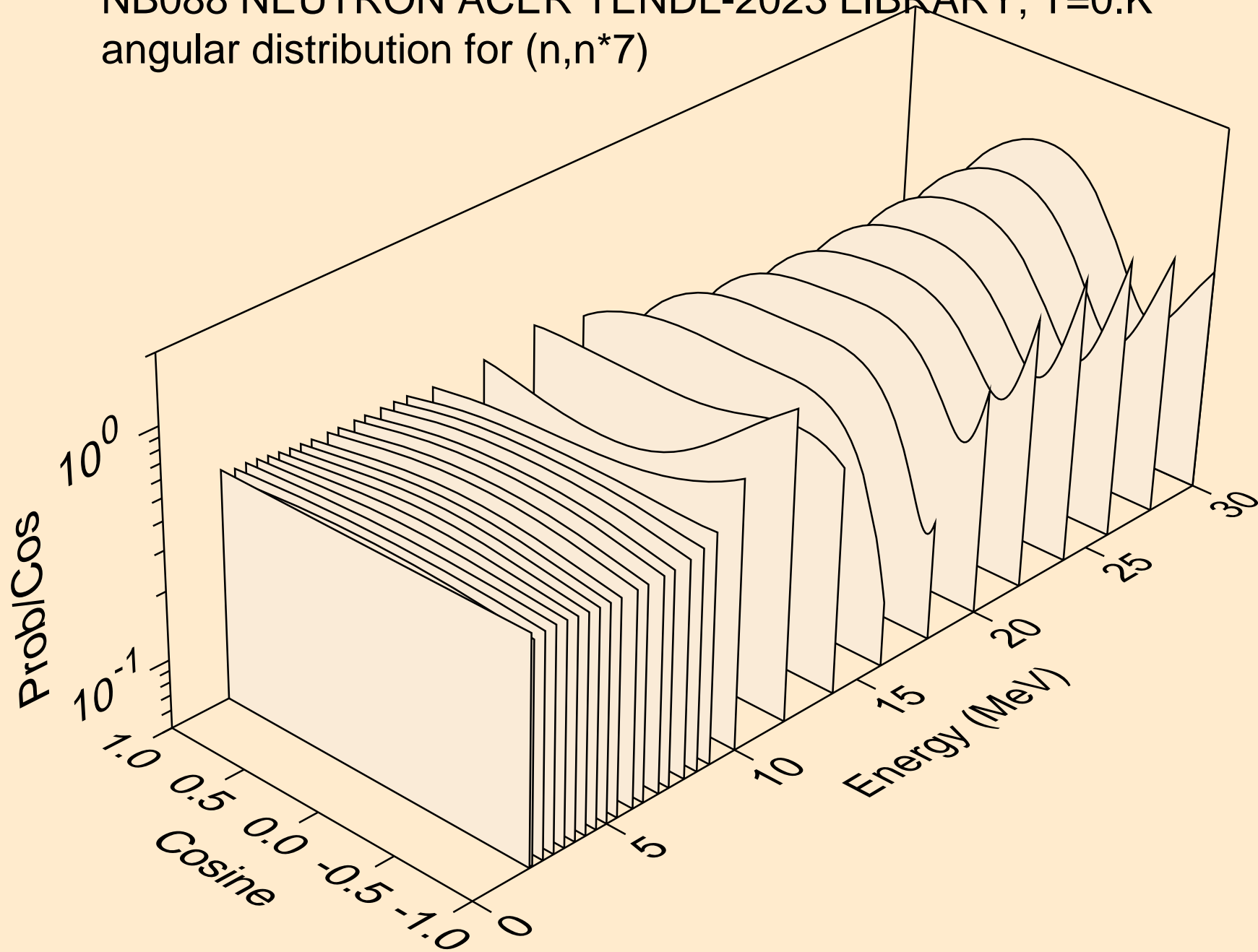
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angular distribution for (n,n\*5)



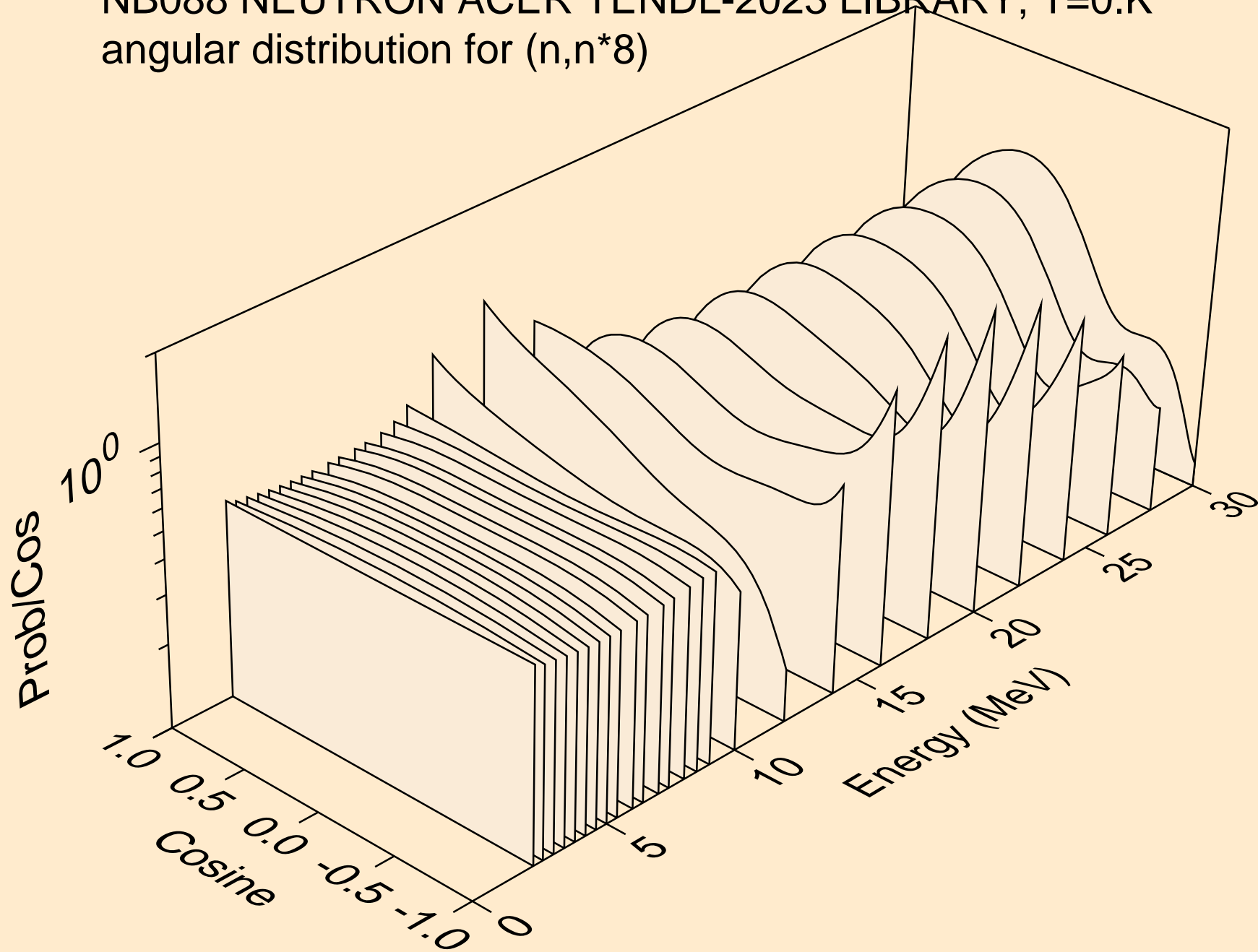
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



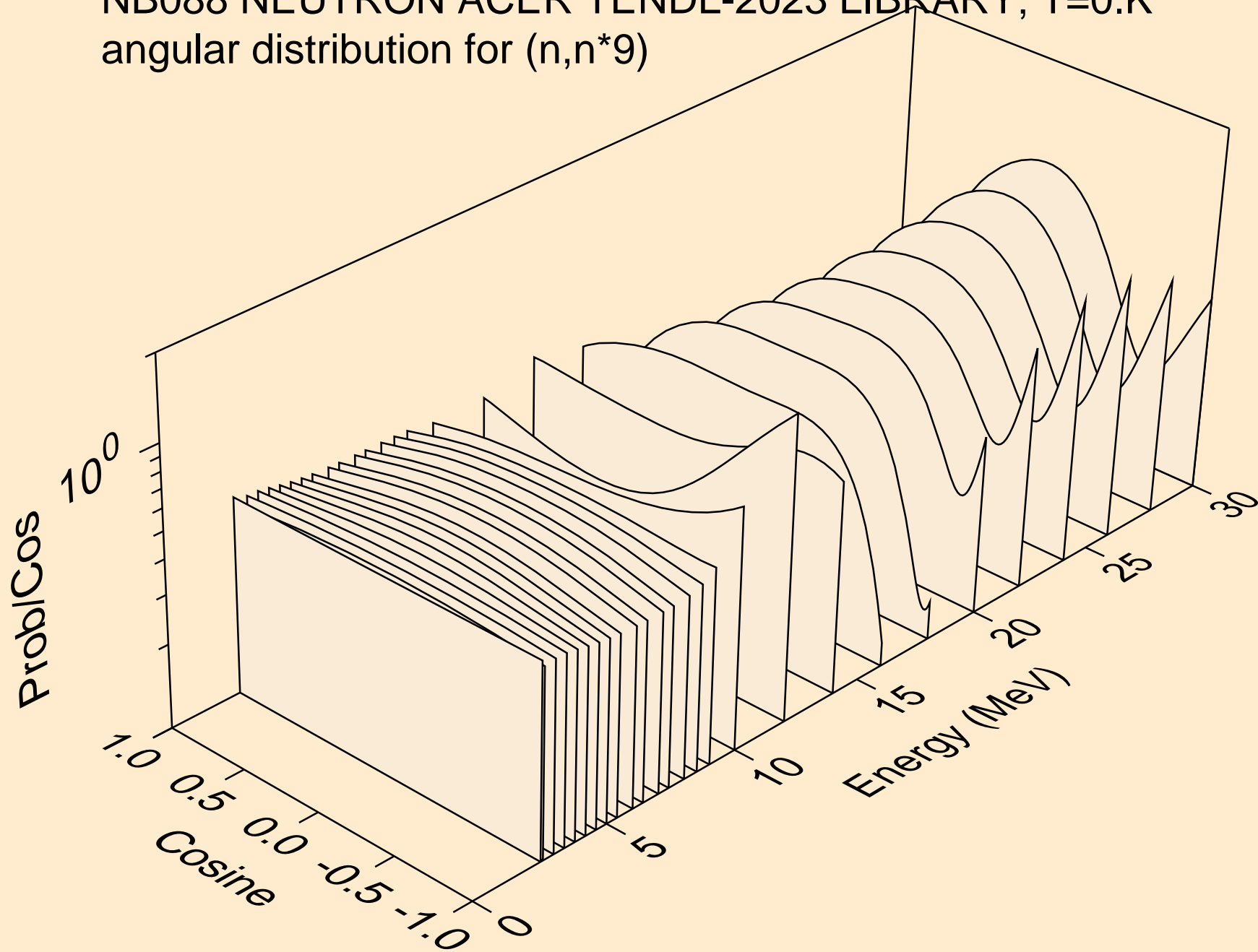
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angular distribution for (n,n\*7)



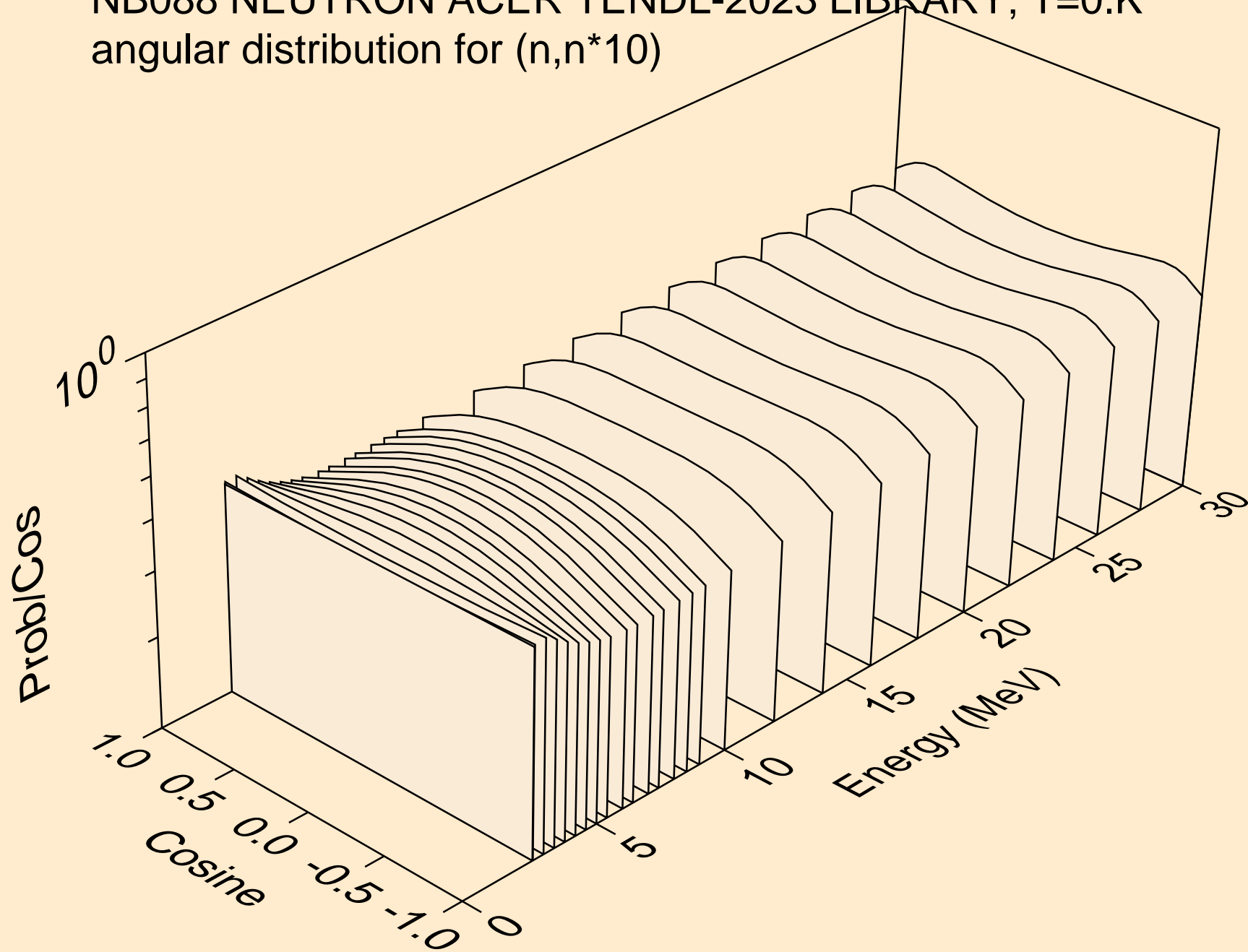
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angular distribution for (n,n\*8)



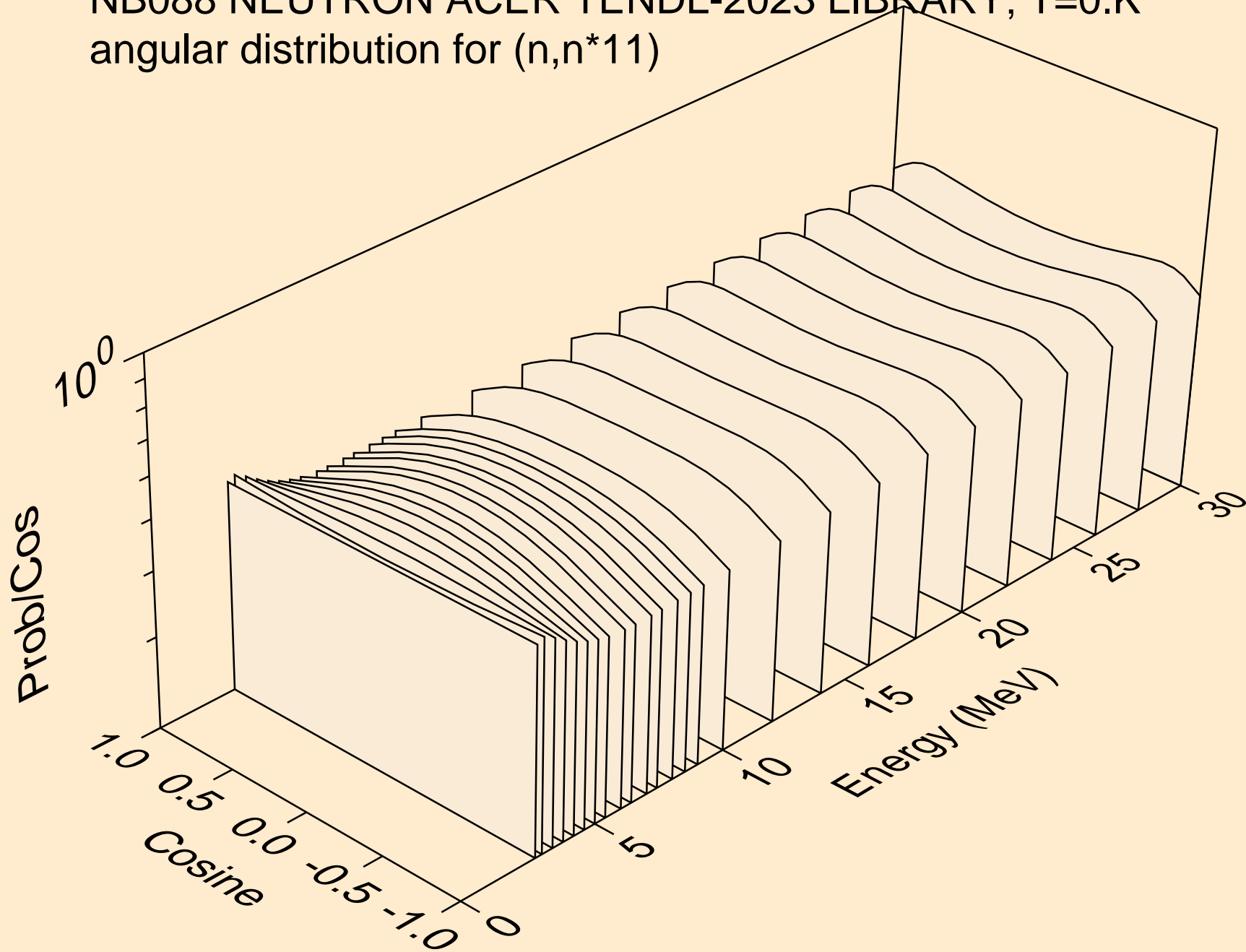
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

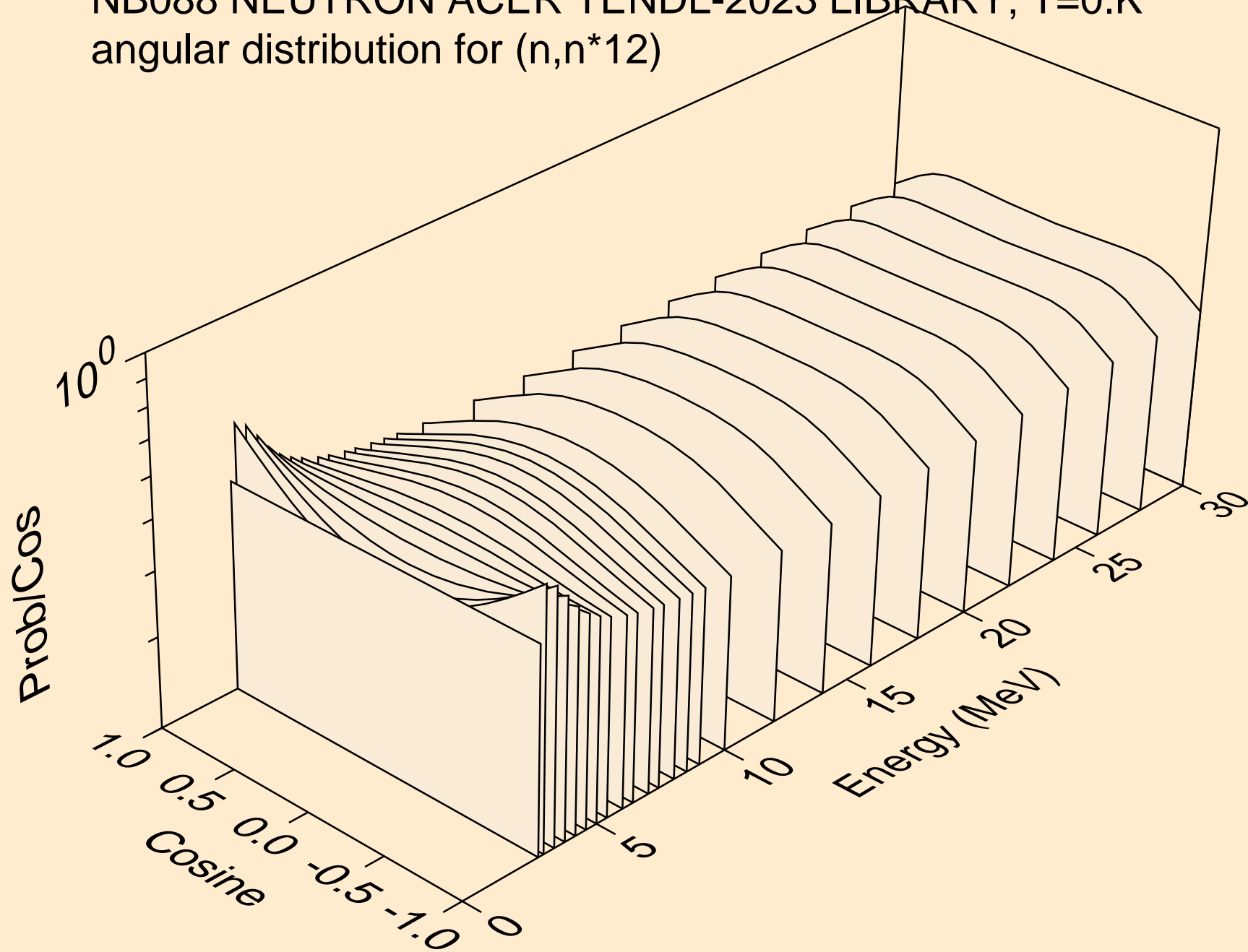


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

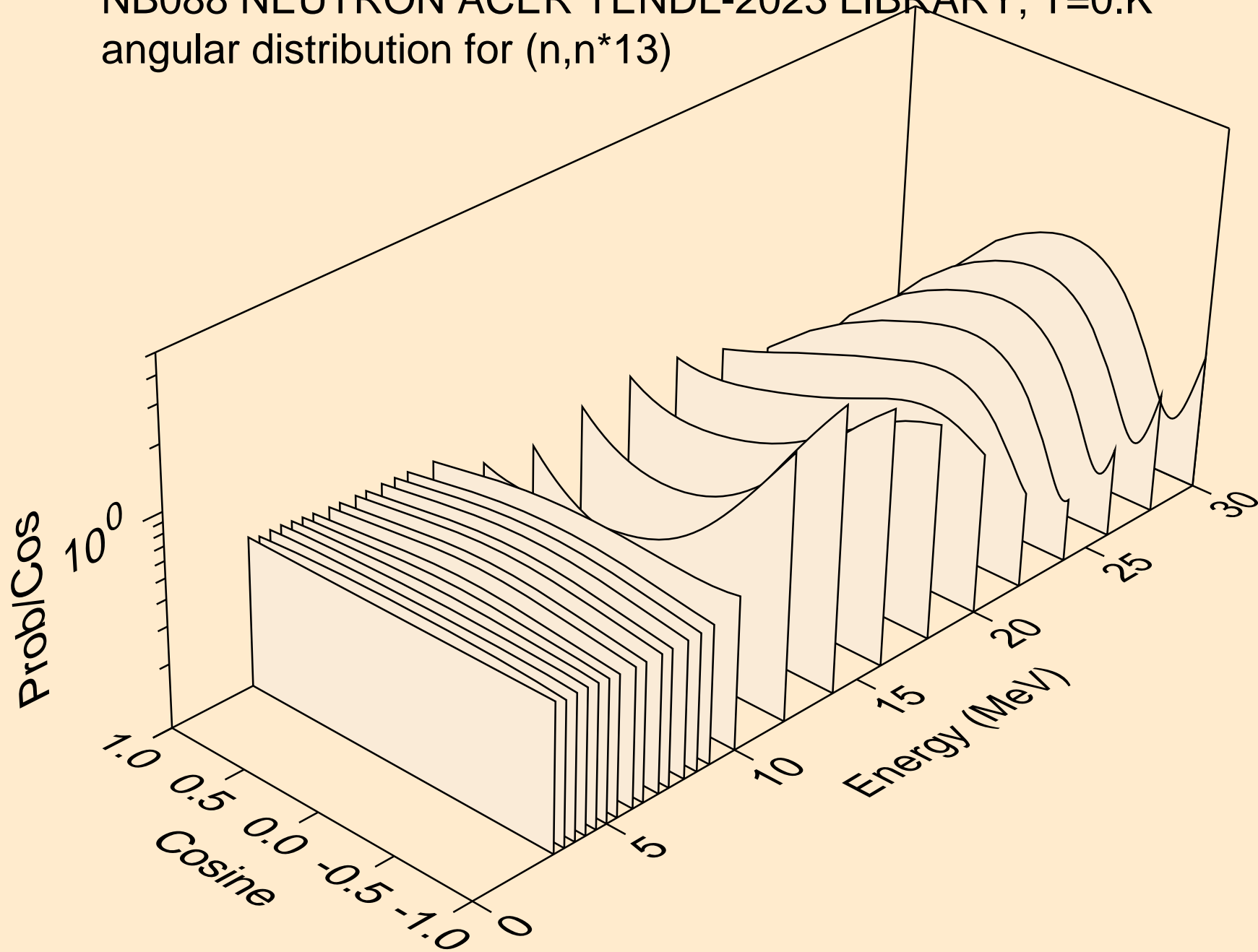




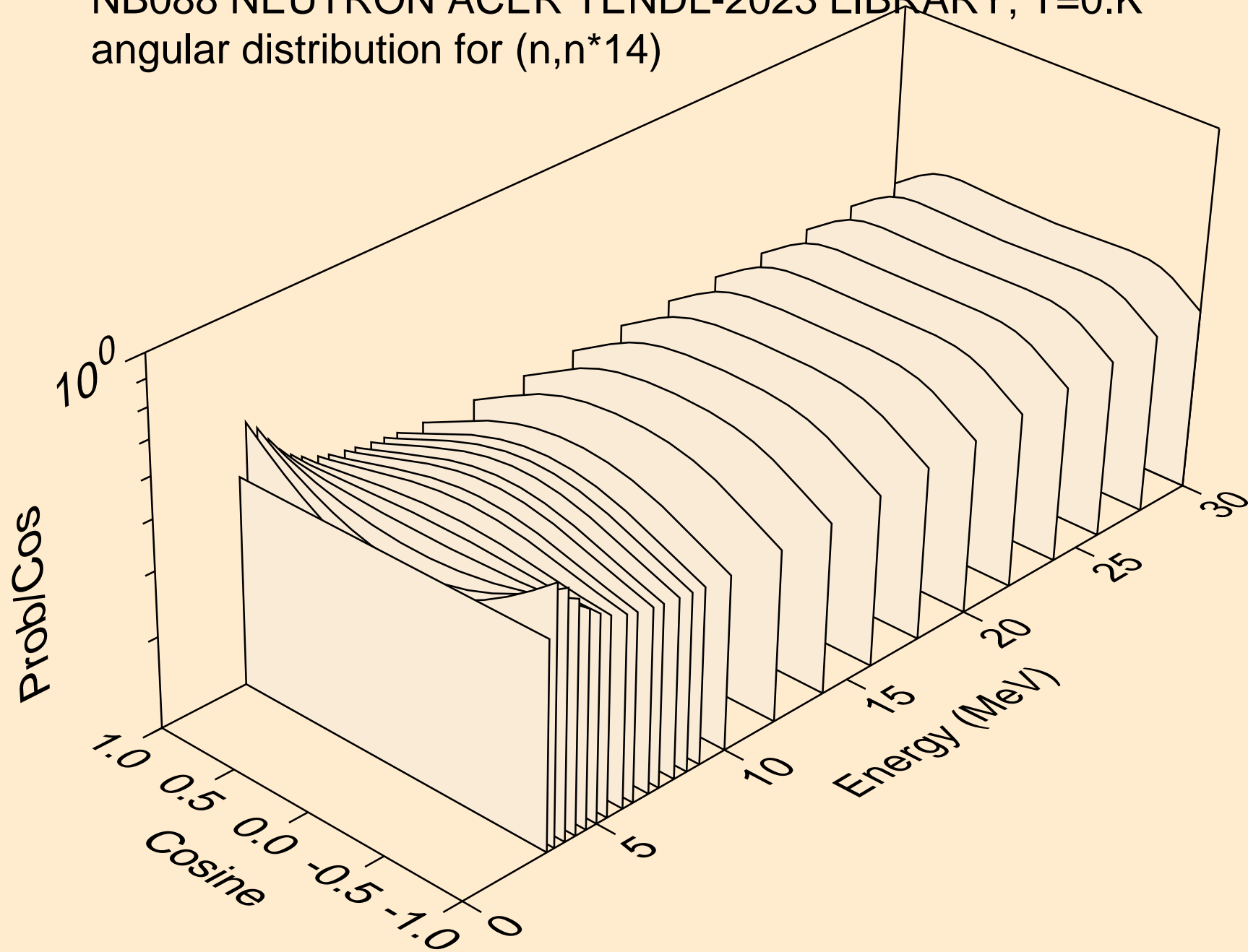
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angular distribution for (n,n\*12)



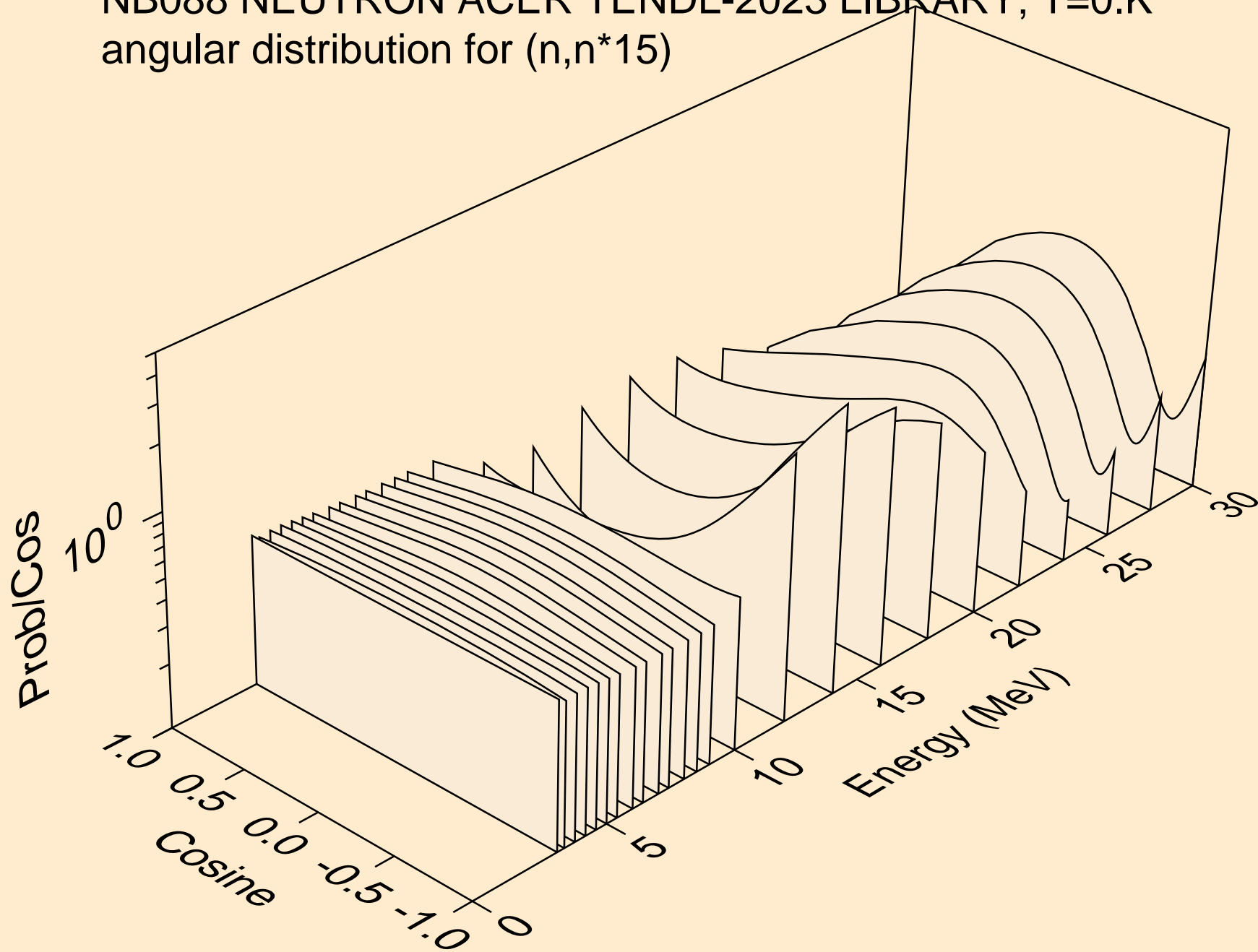
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angular distribution for (n,n\*13)



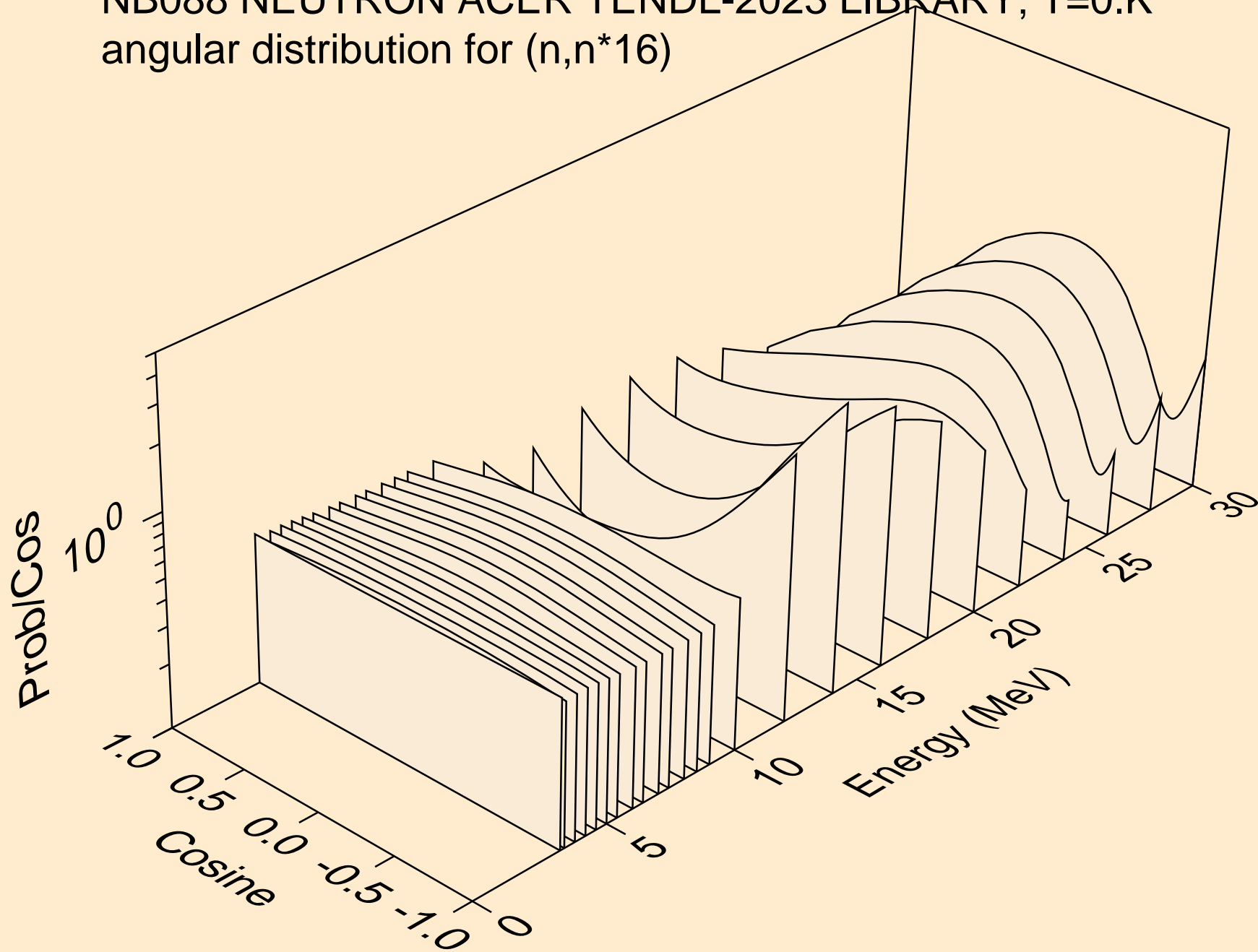
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angular distribution for (n,n\*14)



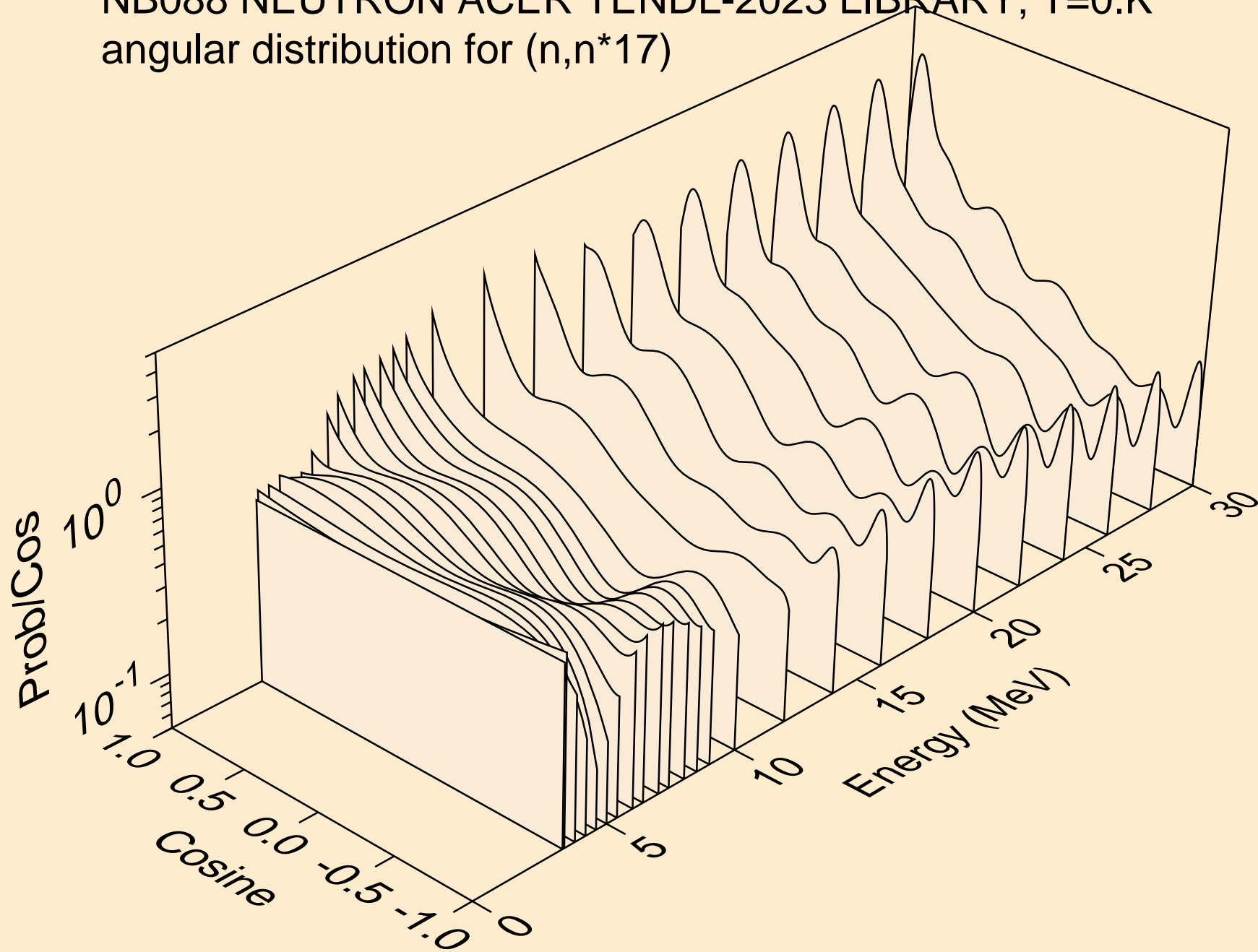
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angular distribution for (n,n\*15)



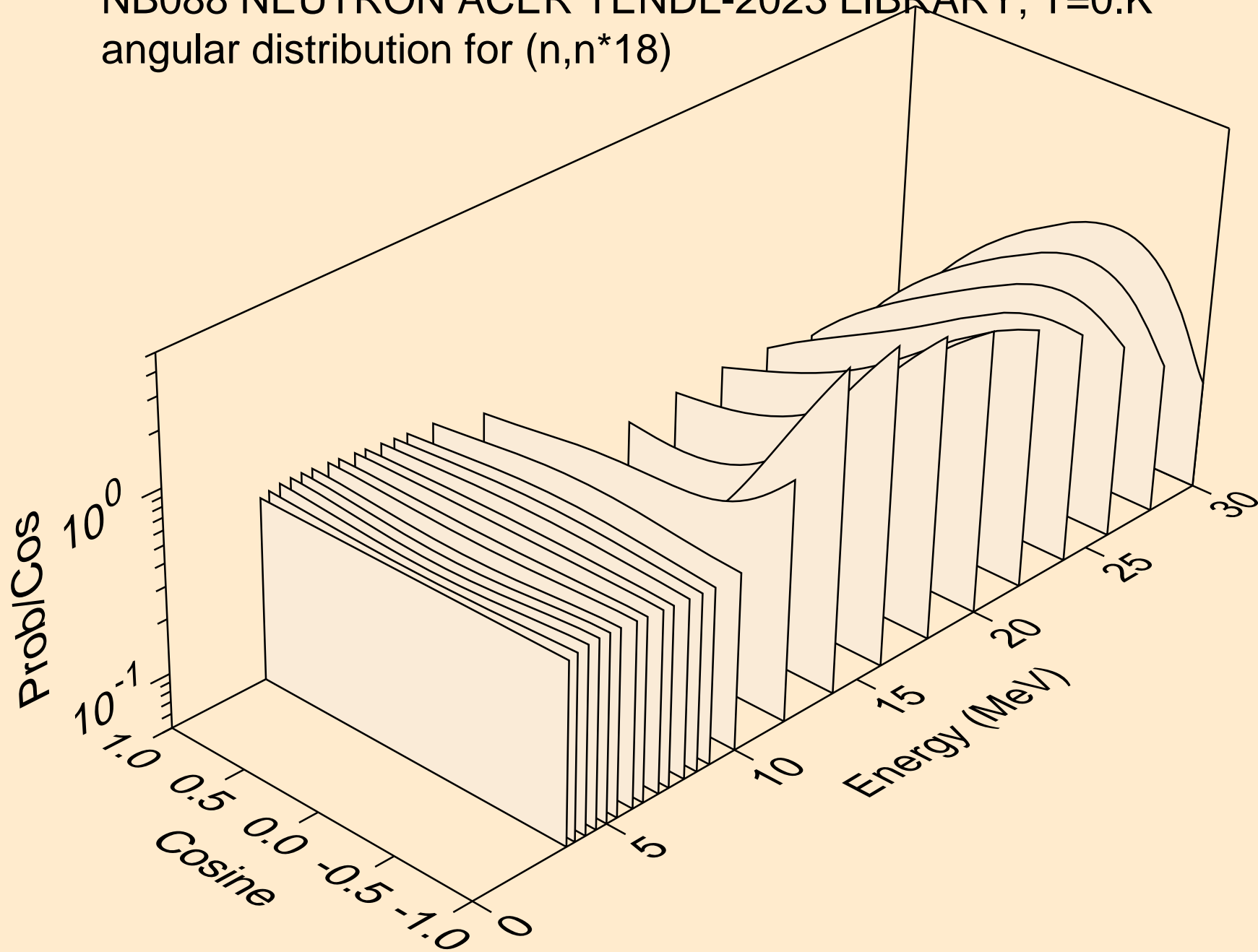
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angular distribution for (n,n\*16)



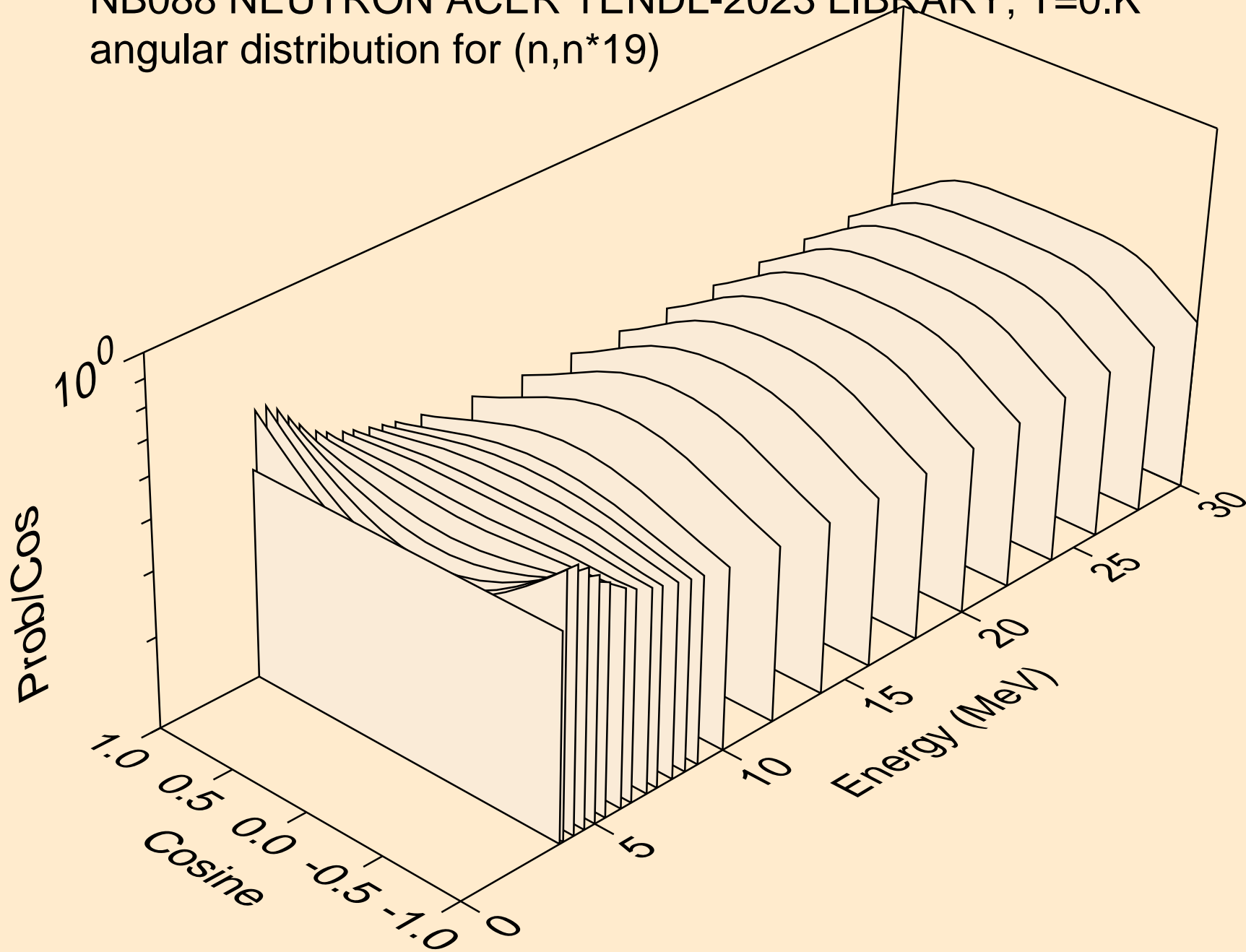
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

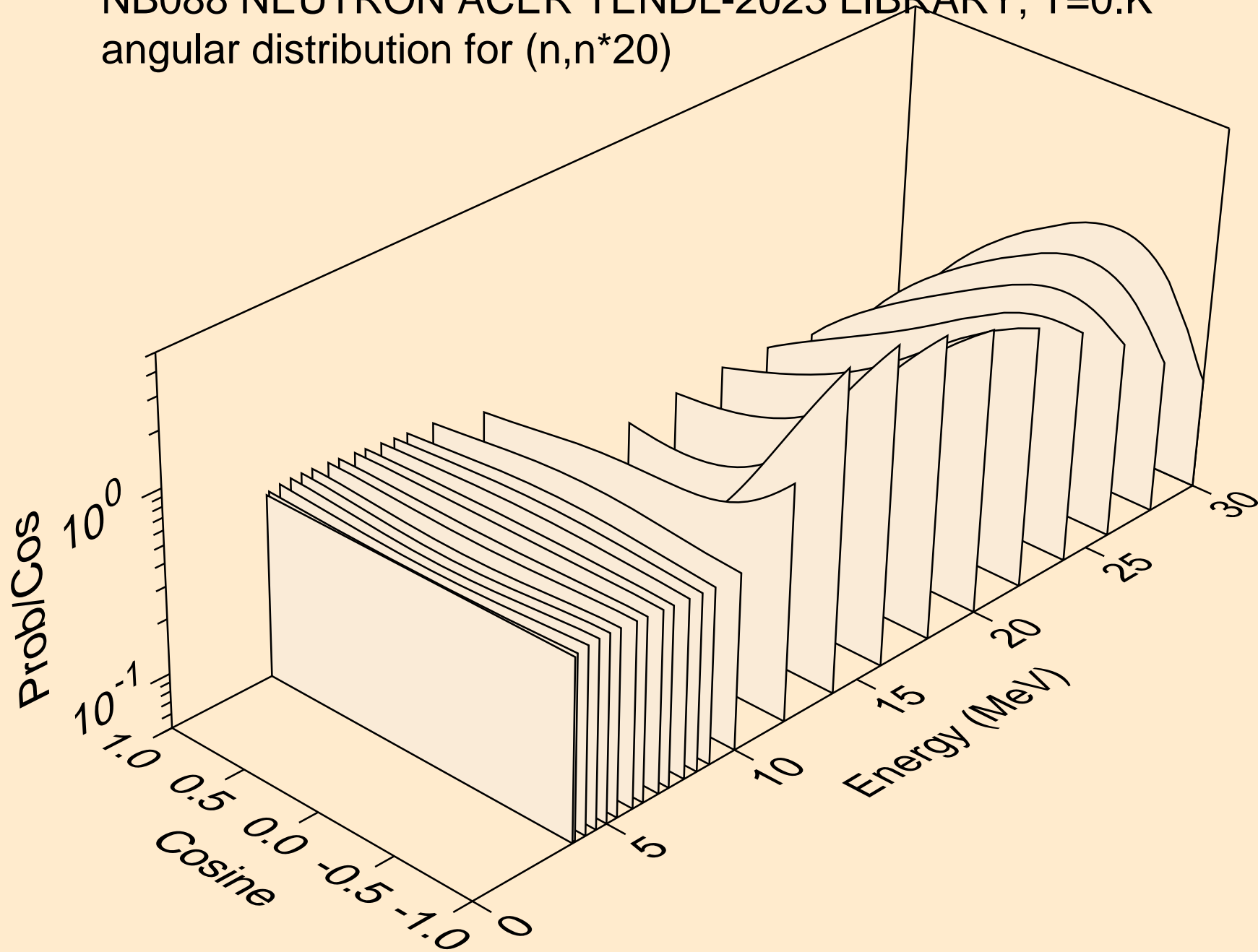


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

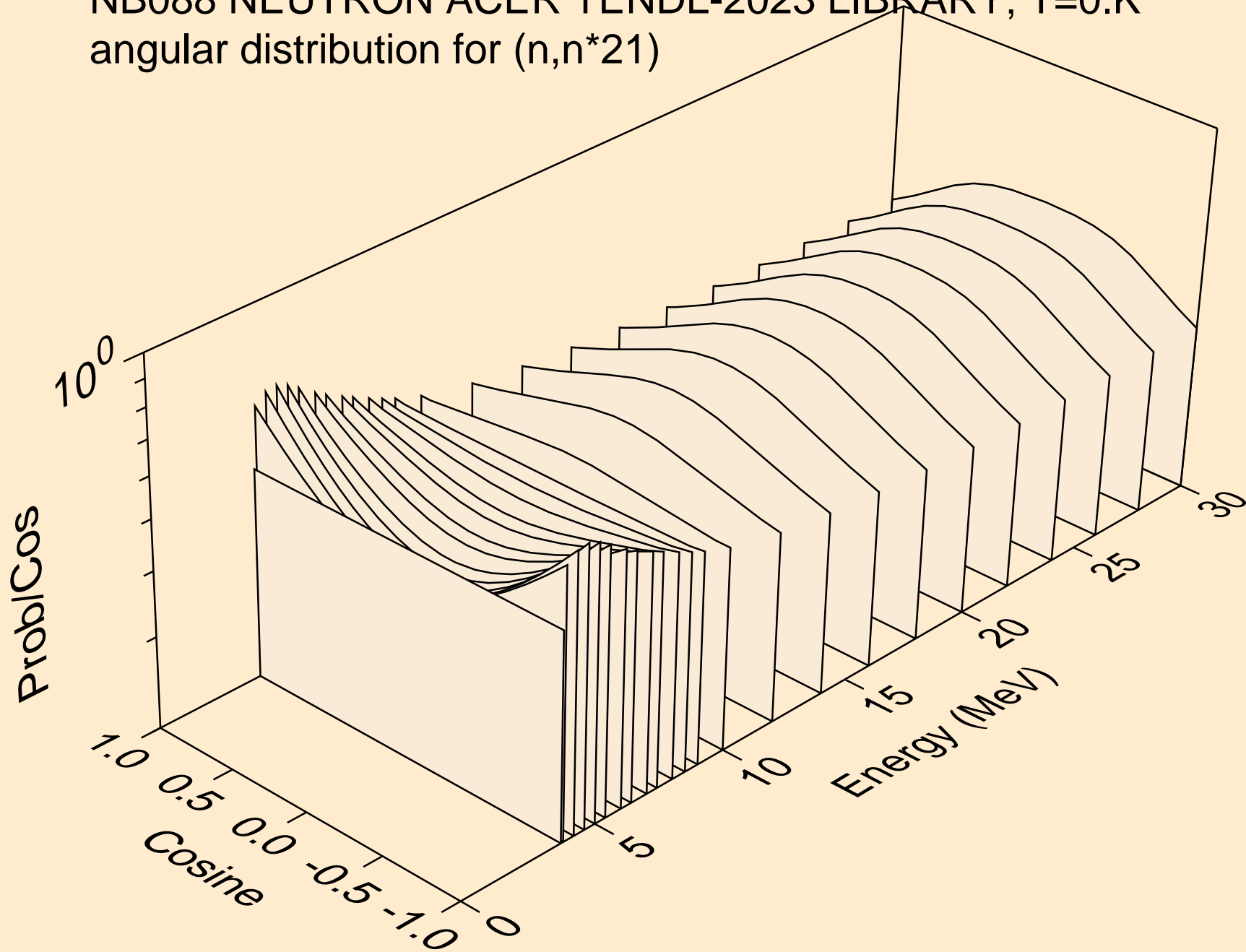




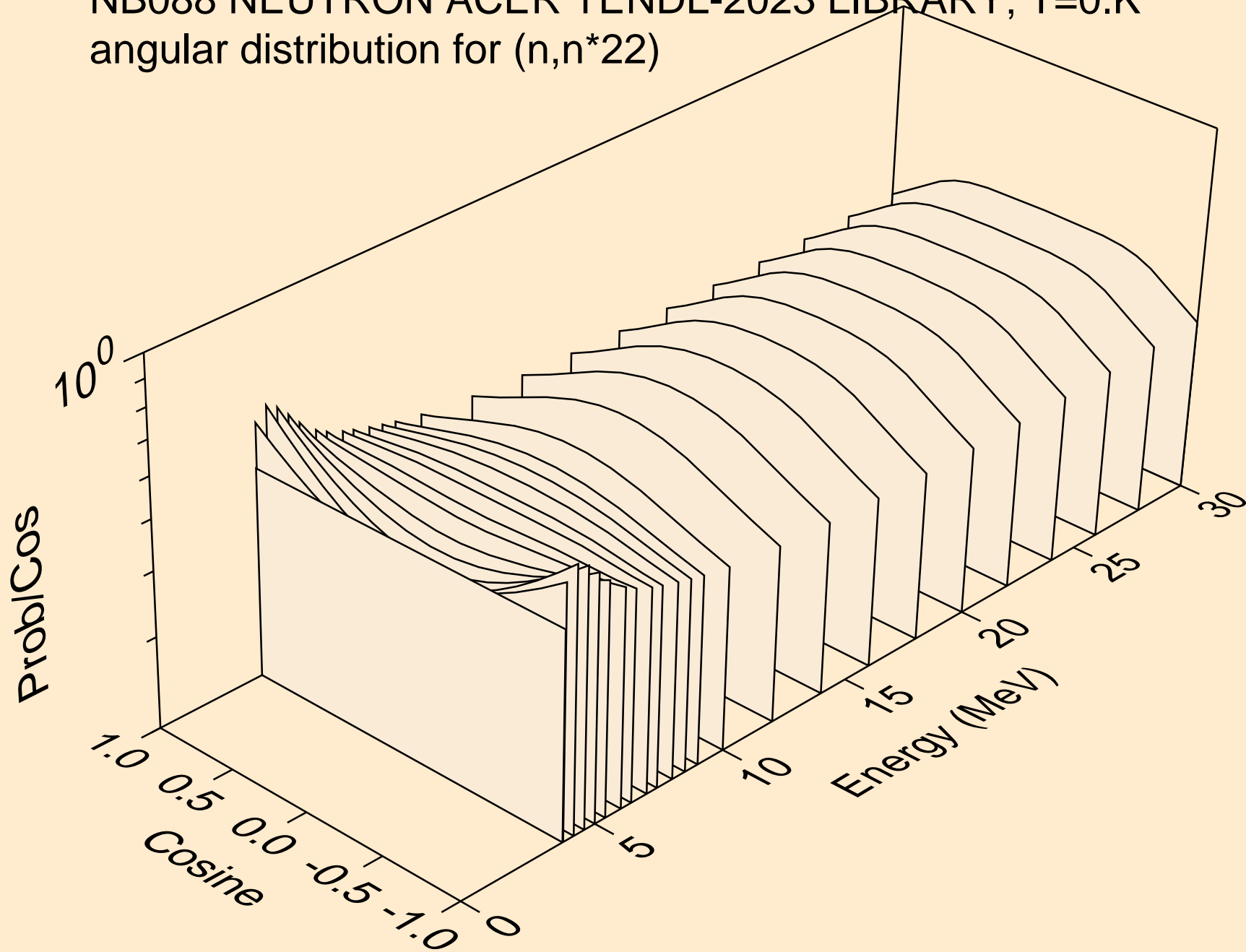
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angular distribution for (n,n\*20)



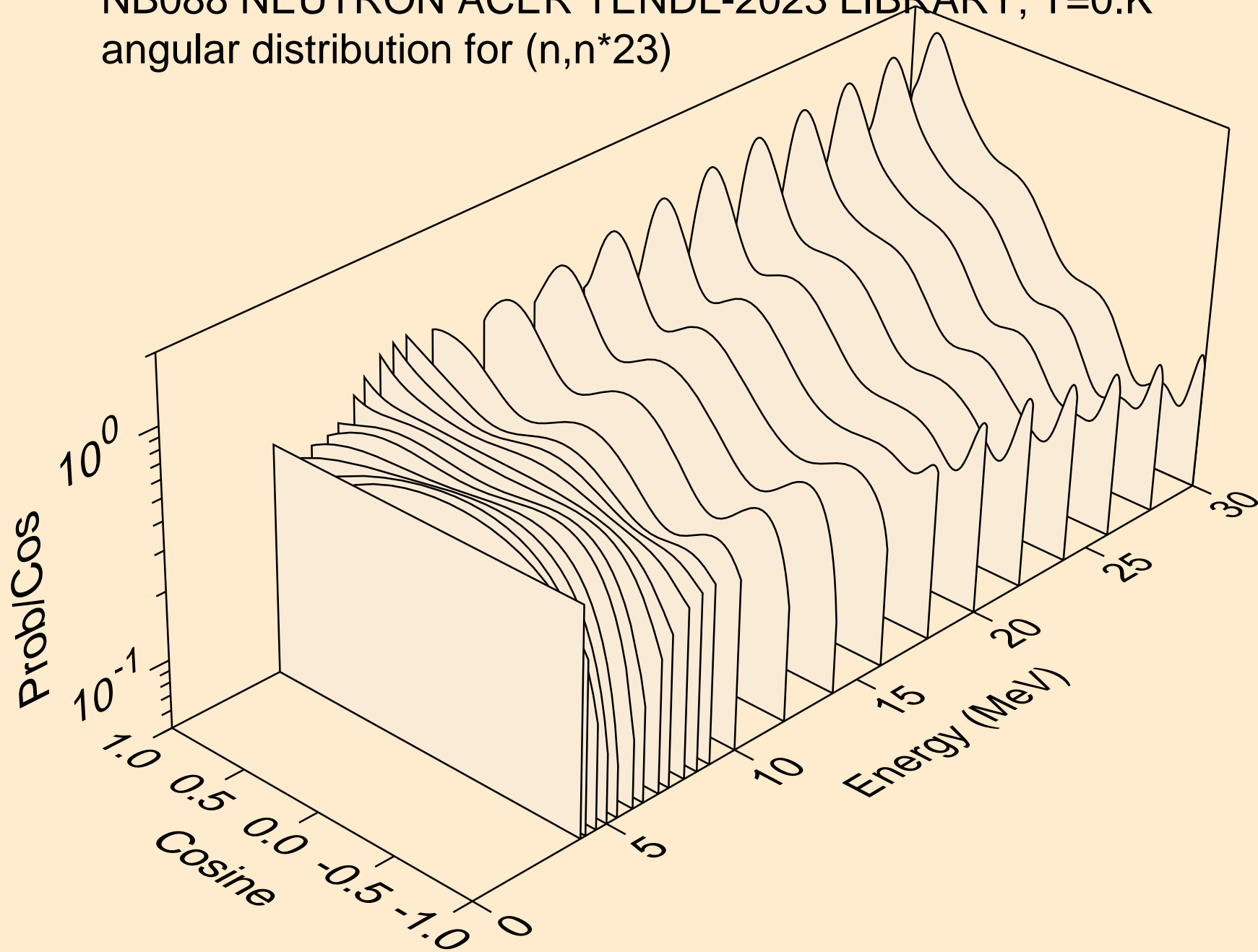
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angular distribution for (n,n\*21)



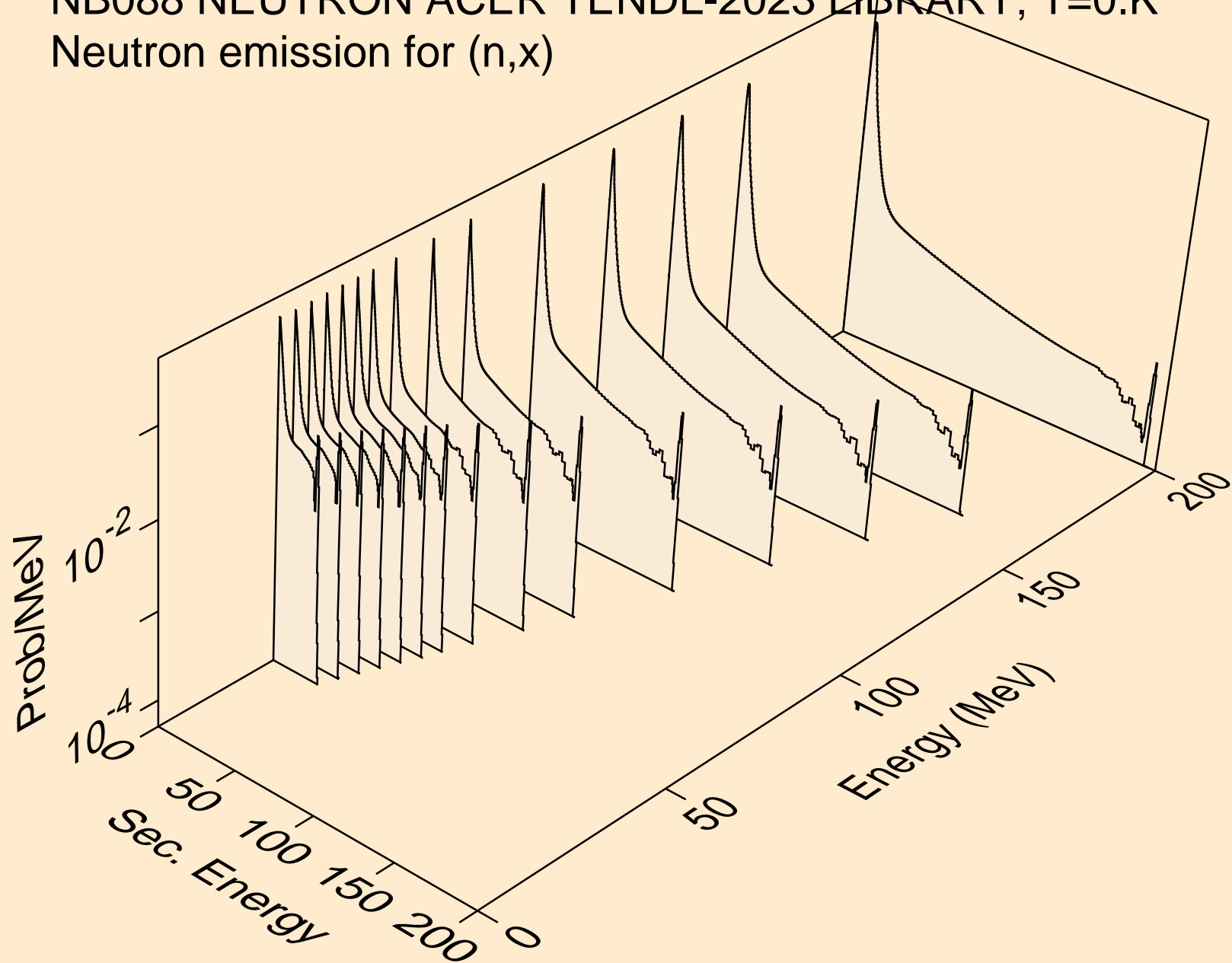
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angular distribution for (n,n\*22)



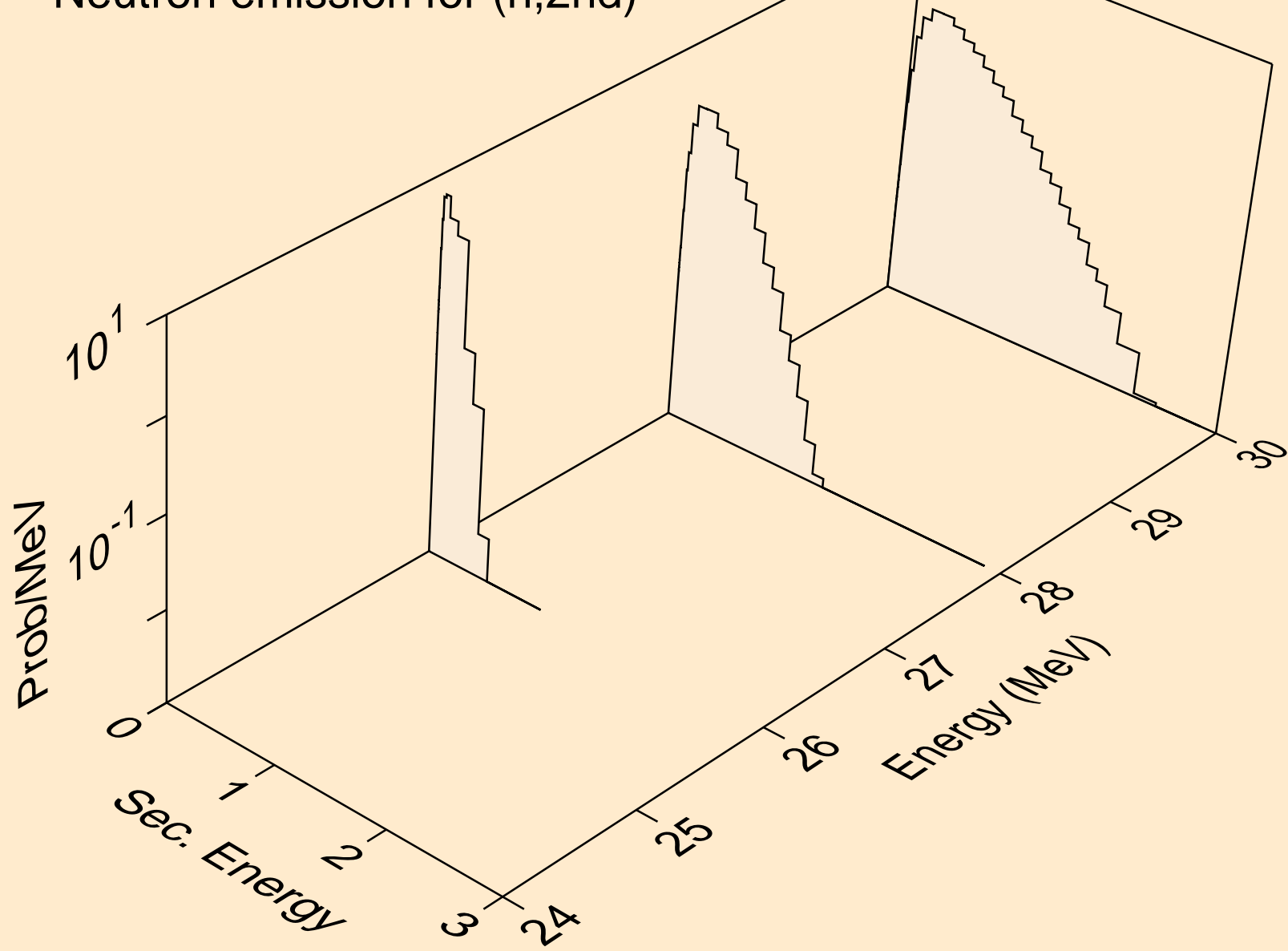
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angular distribution for (n,n\*23)



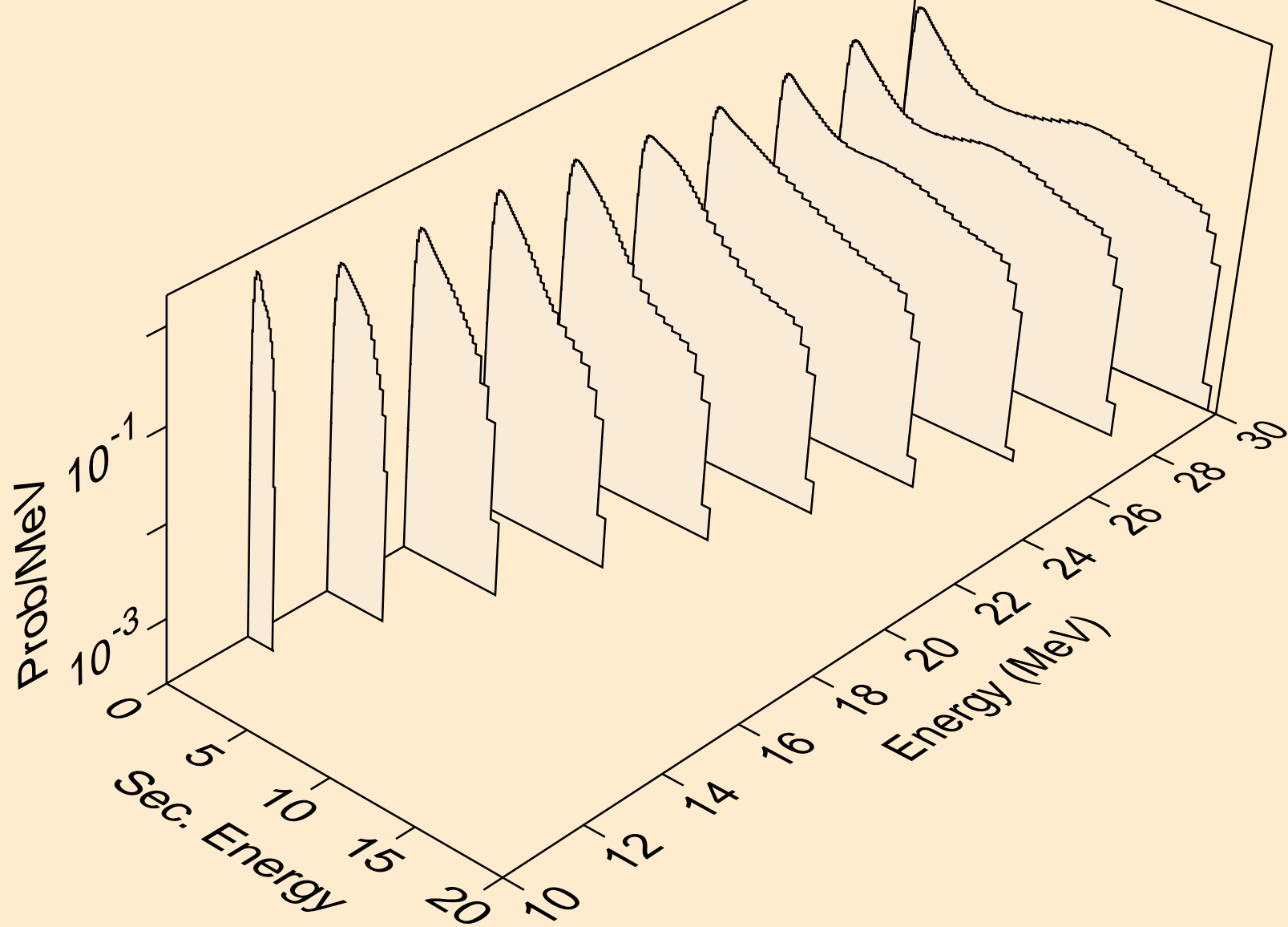
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



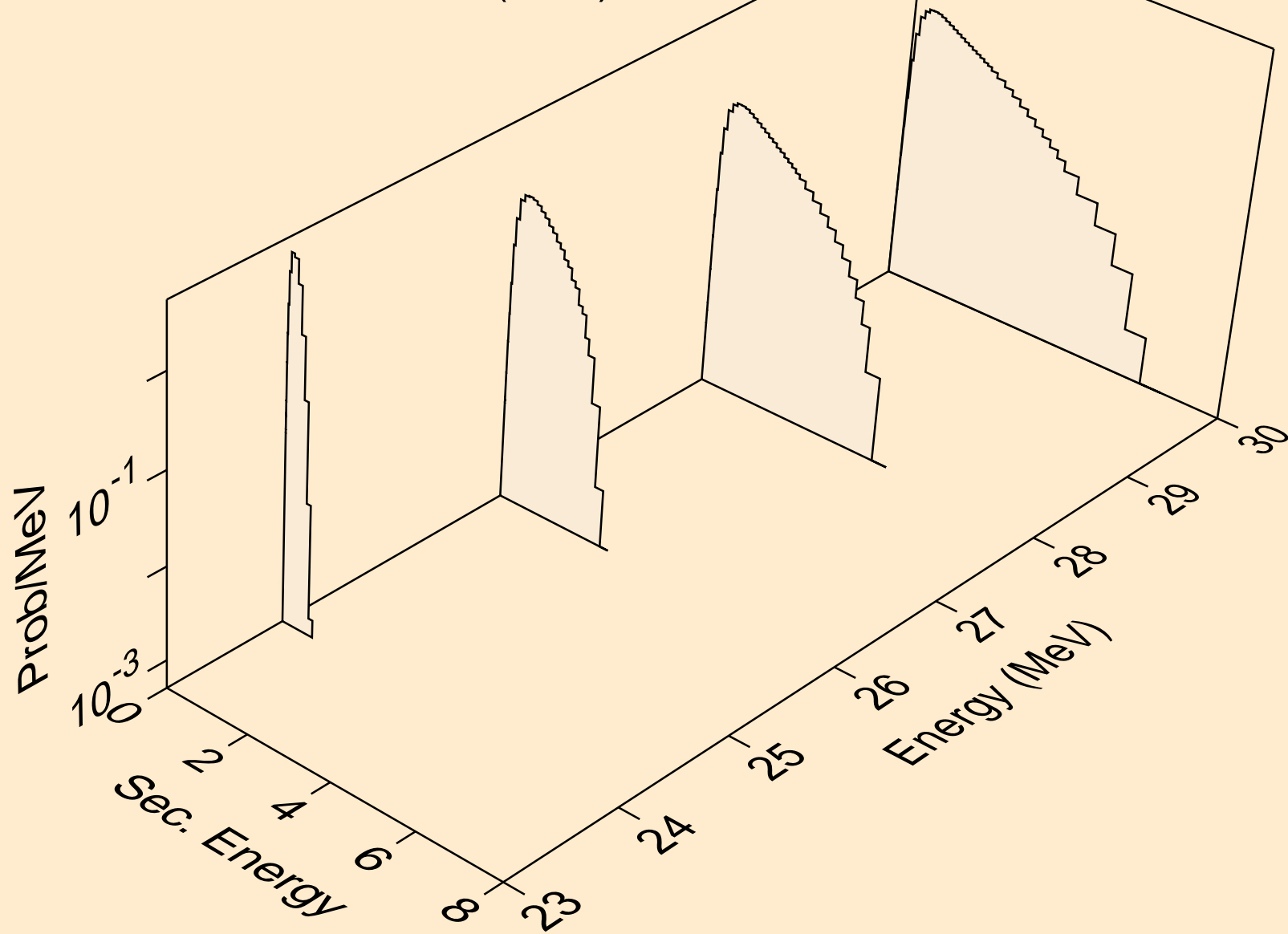
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

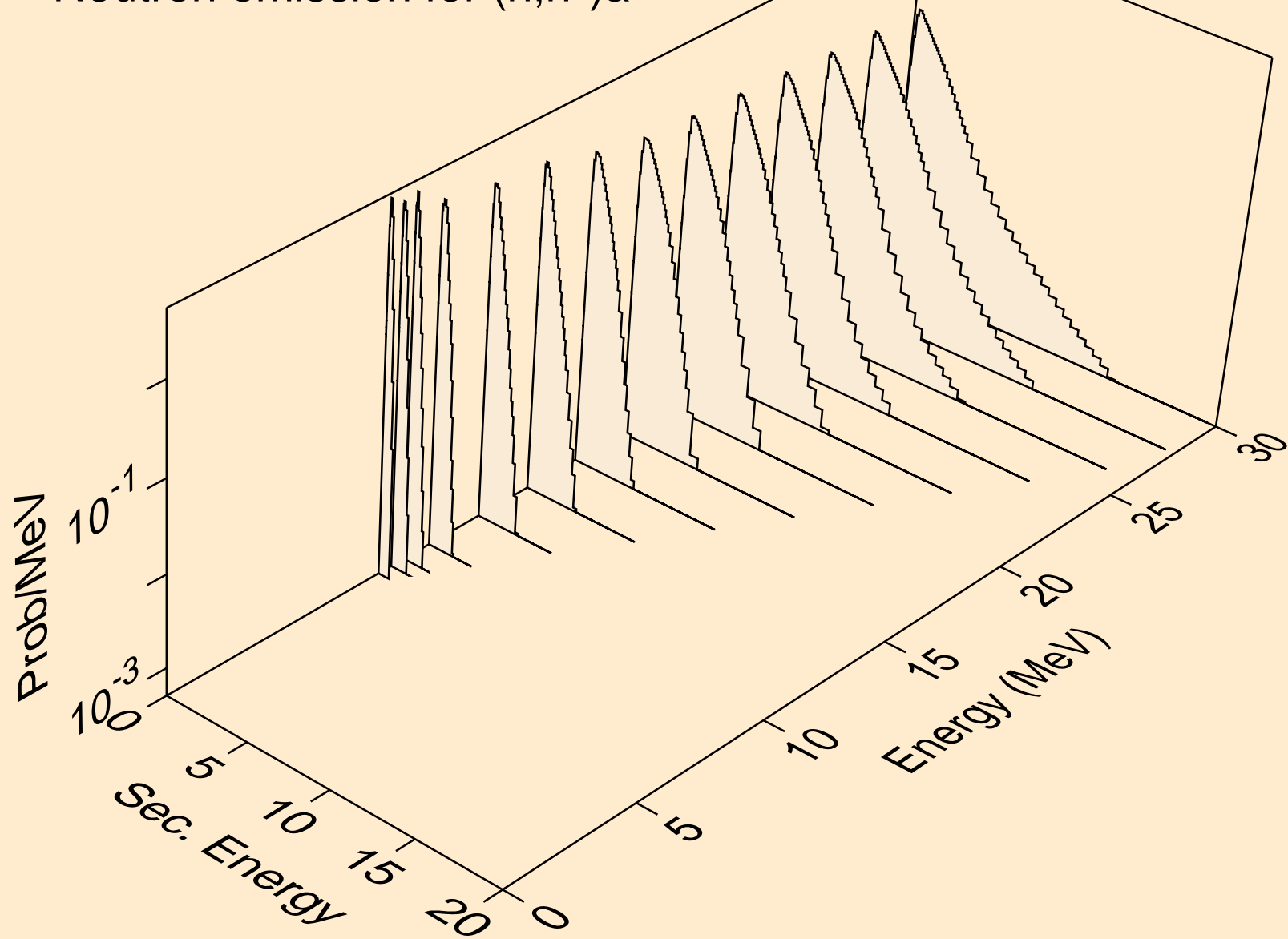


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

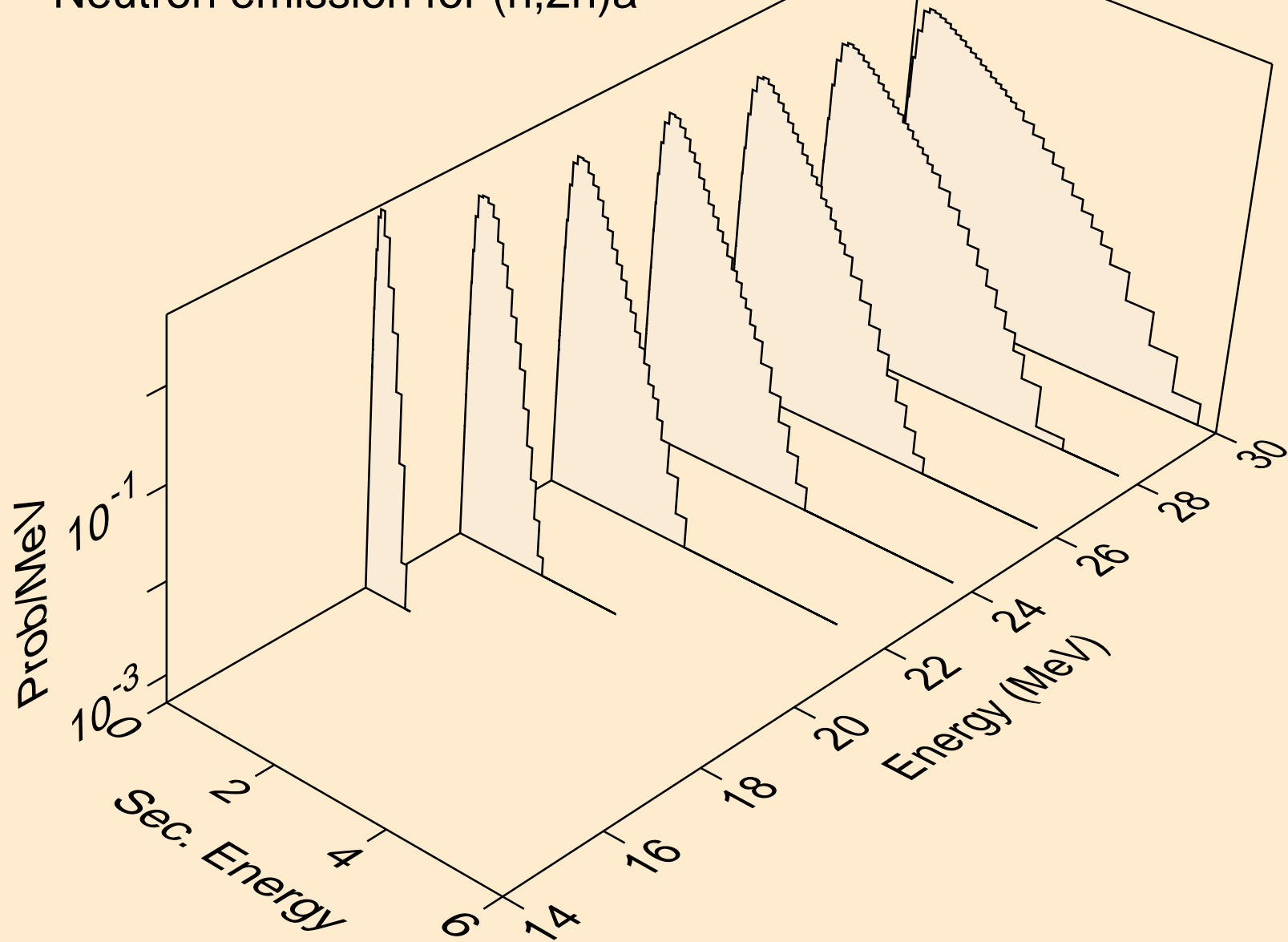




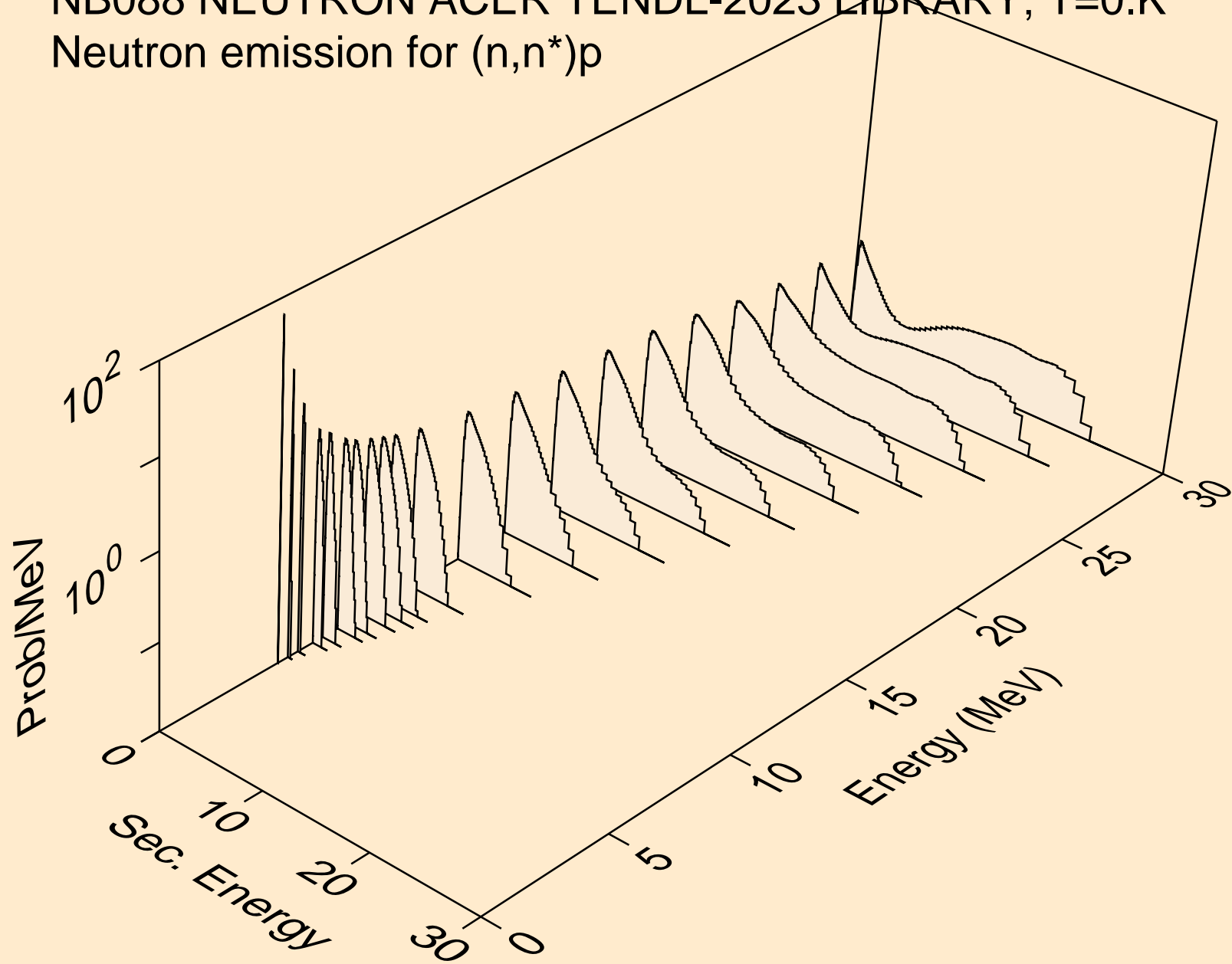
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



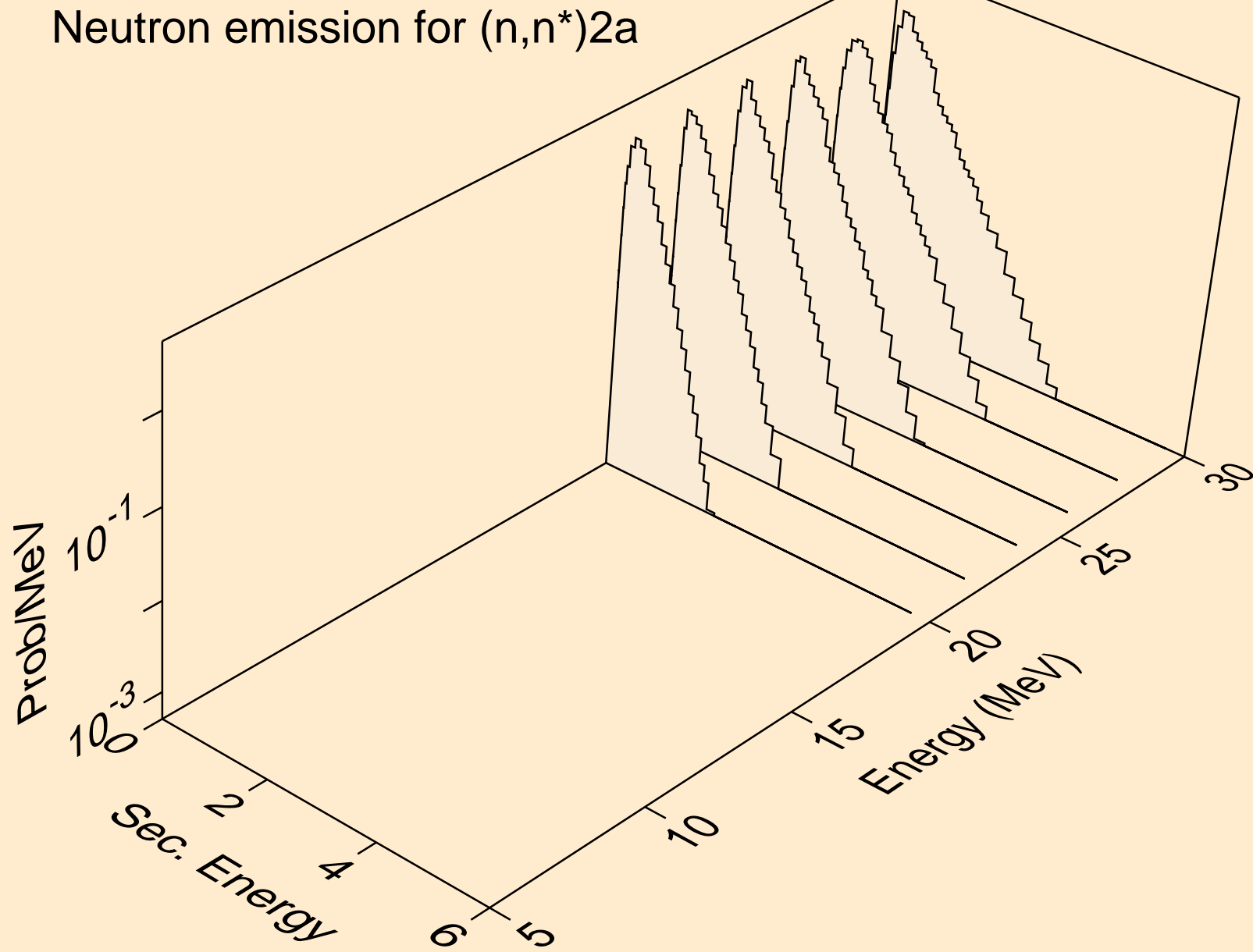
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



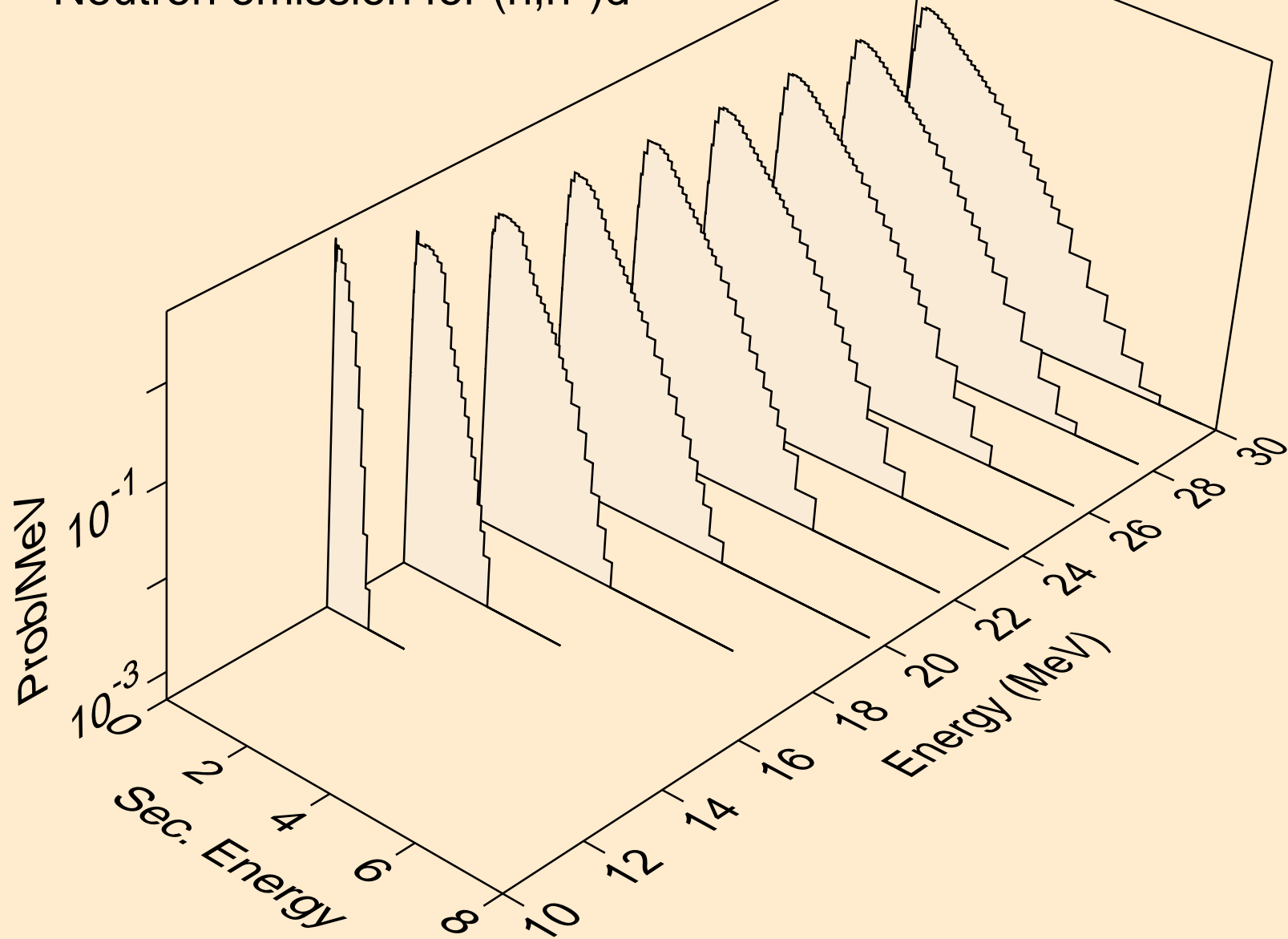
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



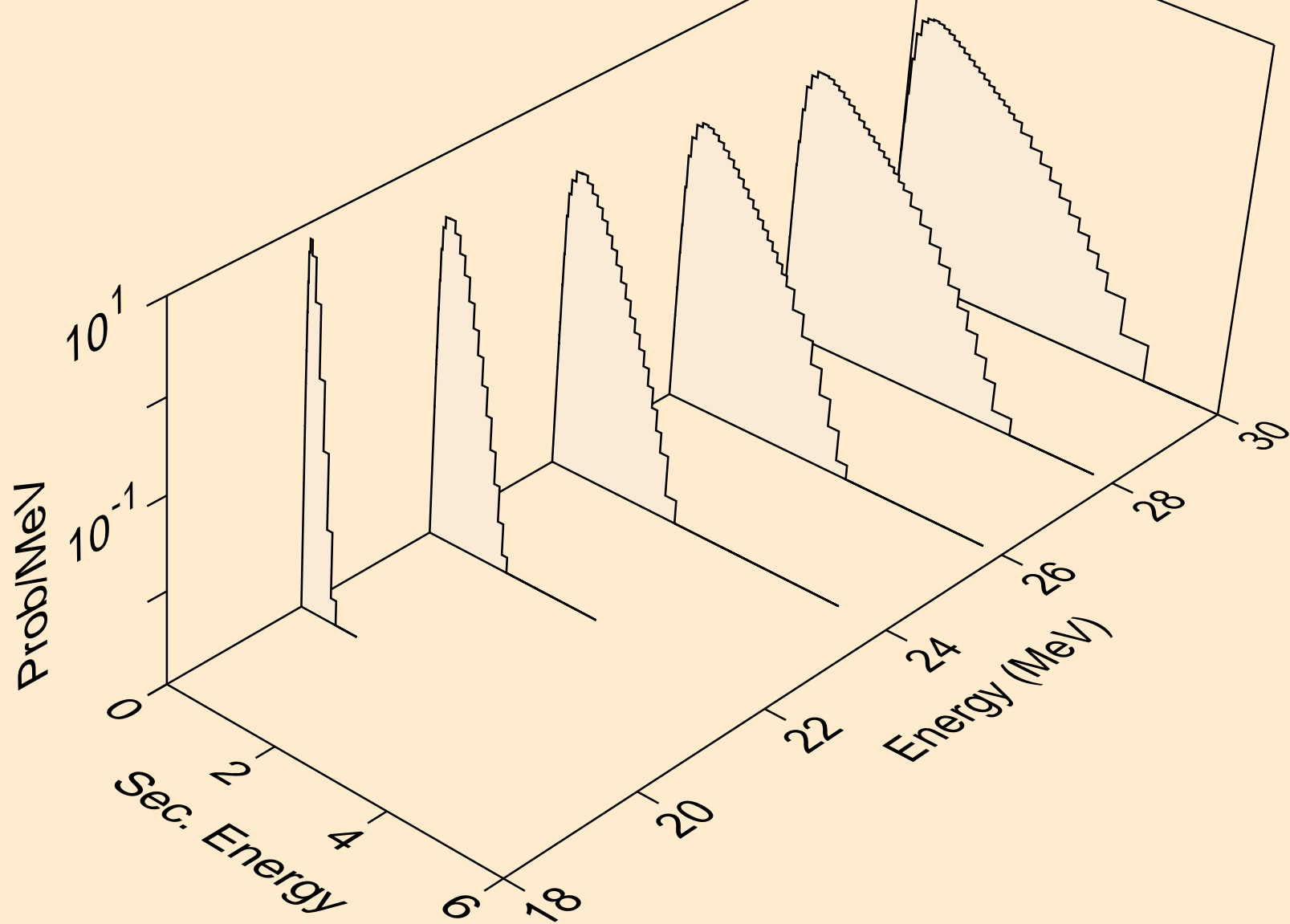
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



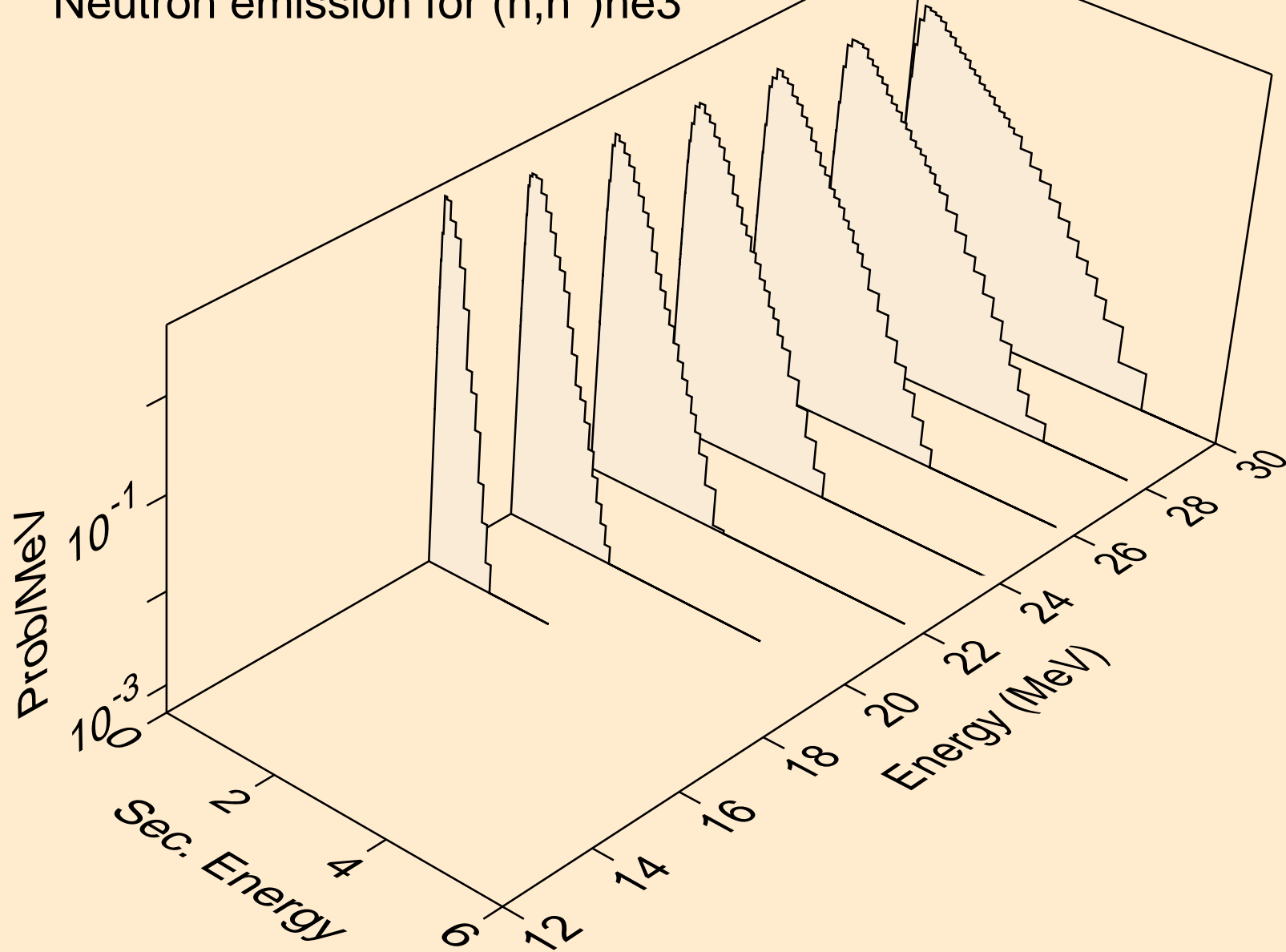
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



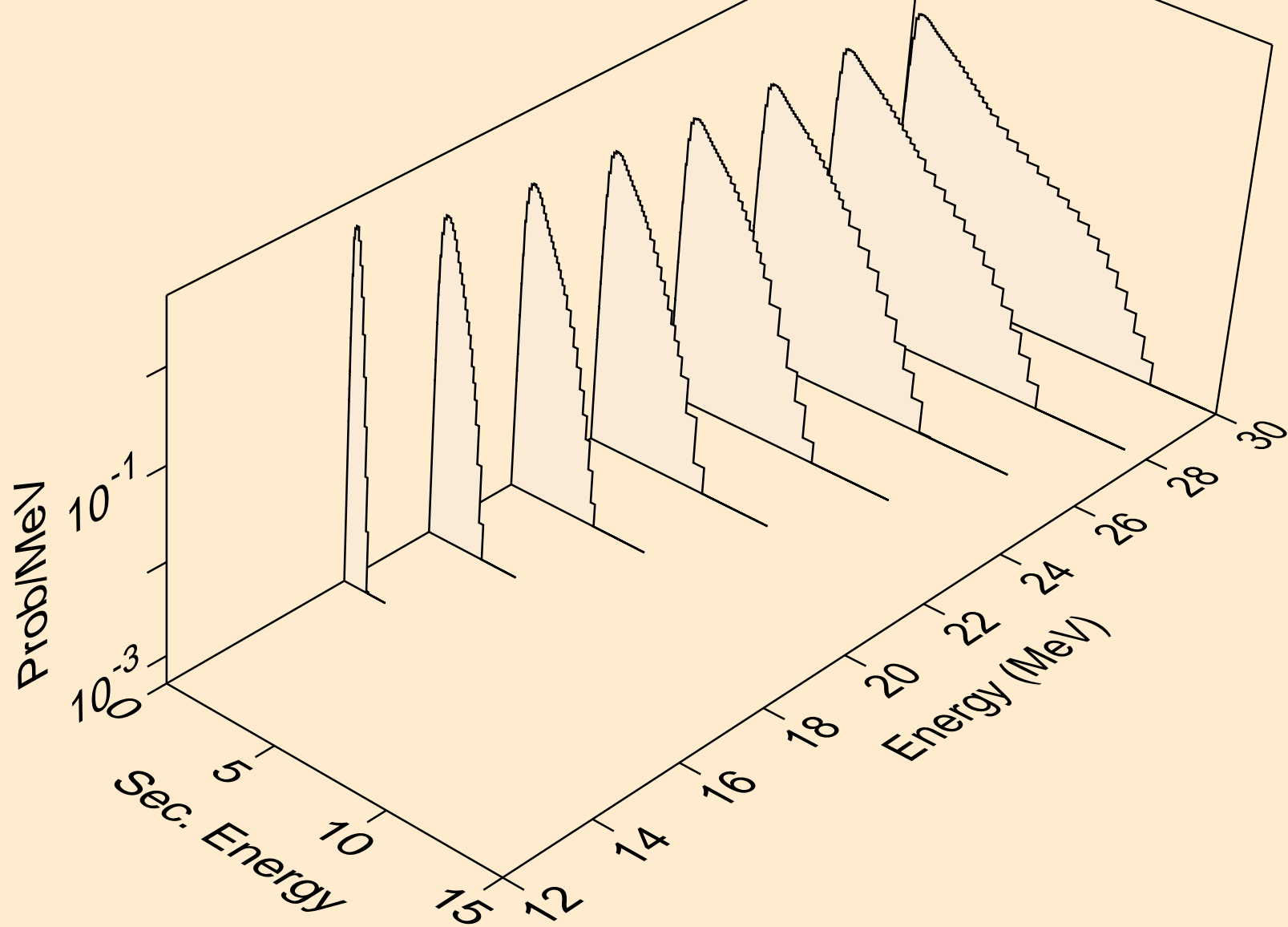
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

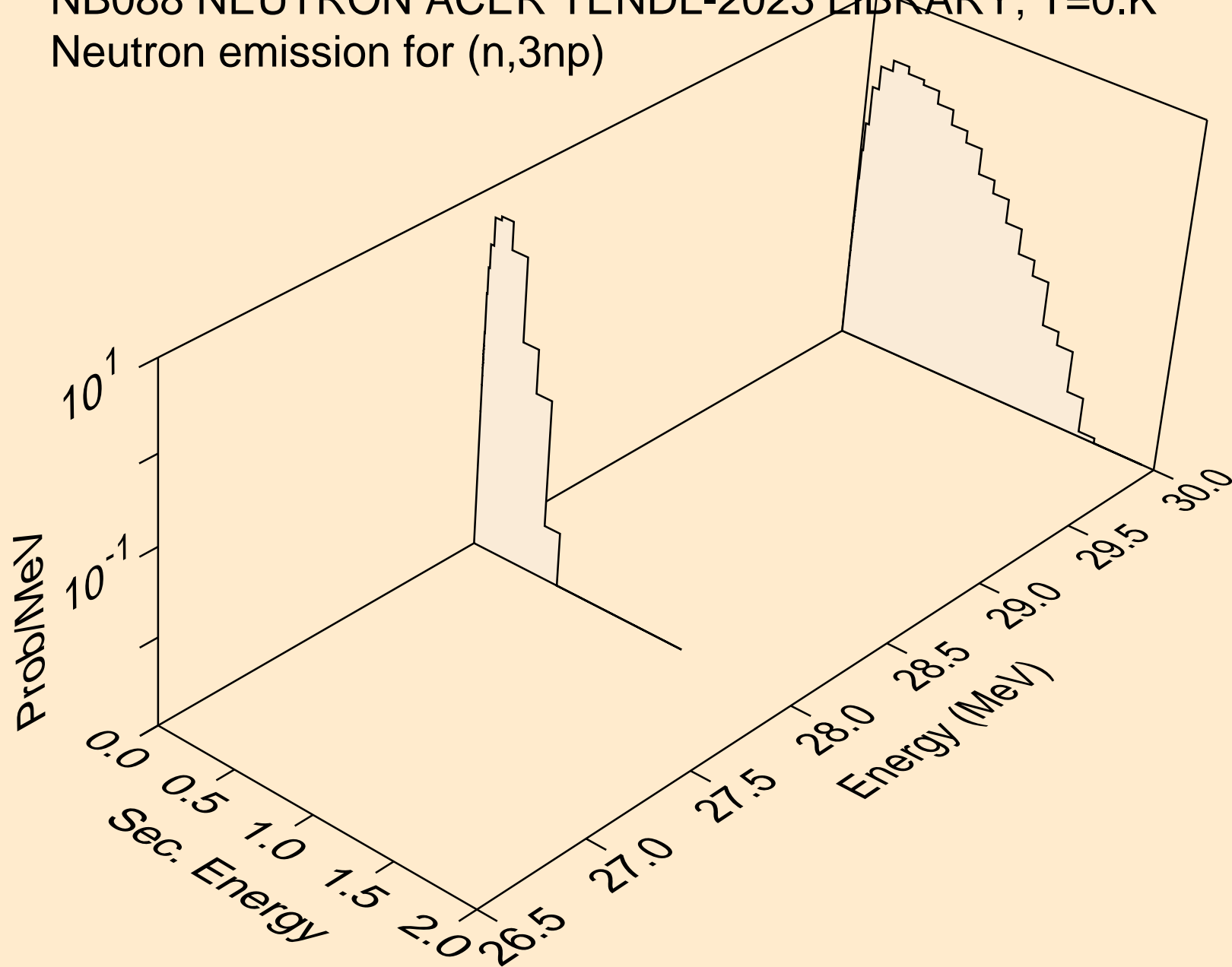


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

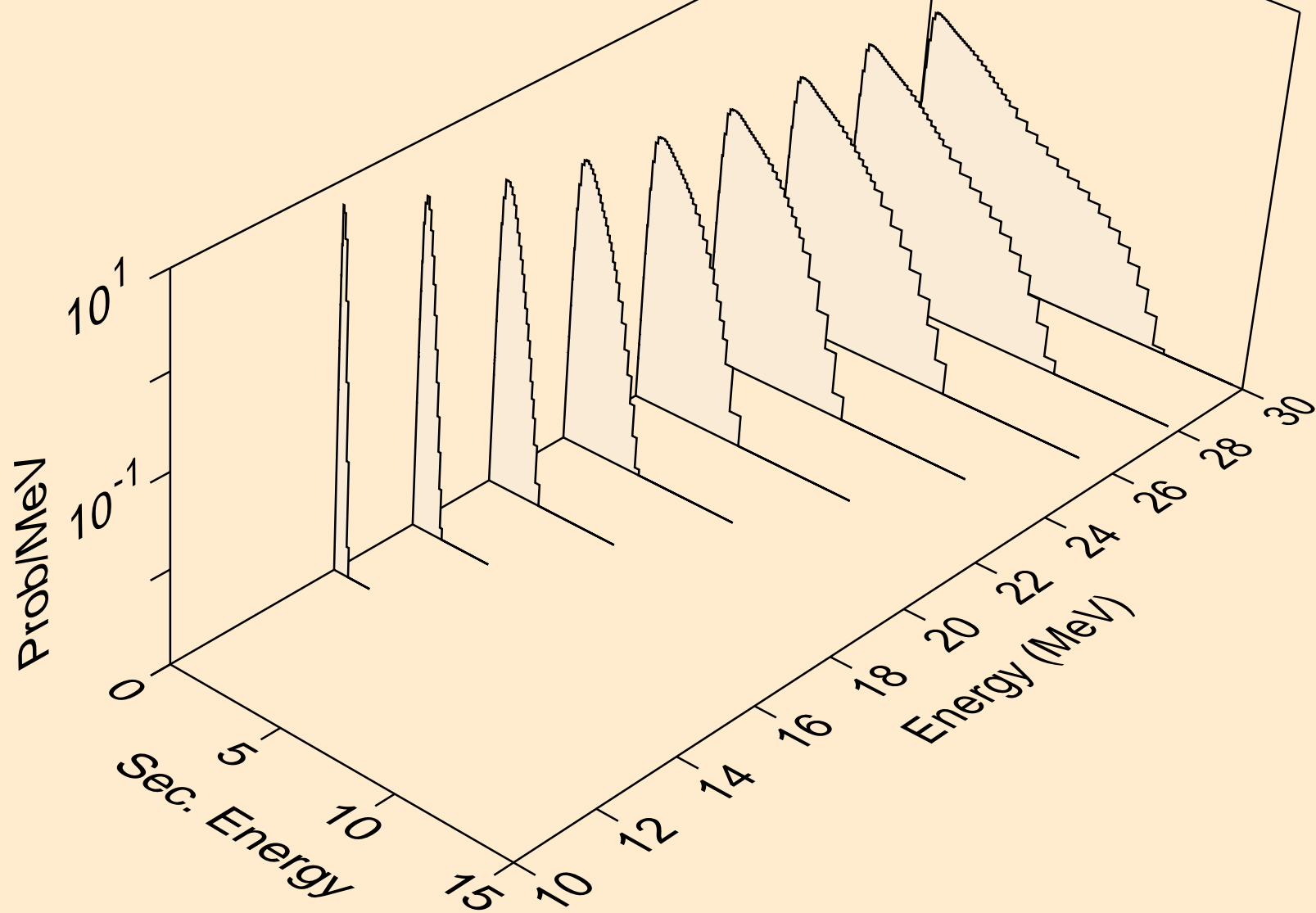




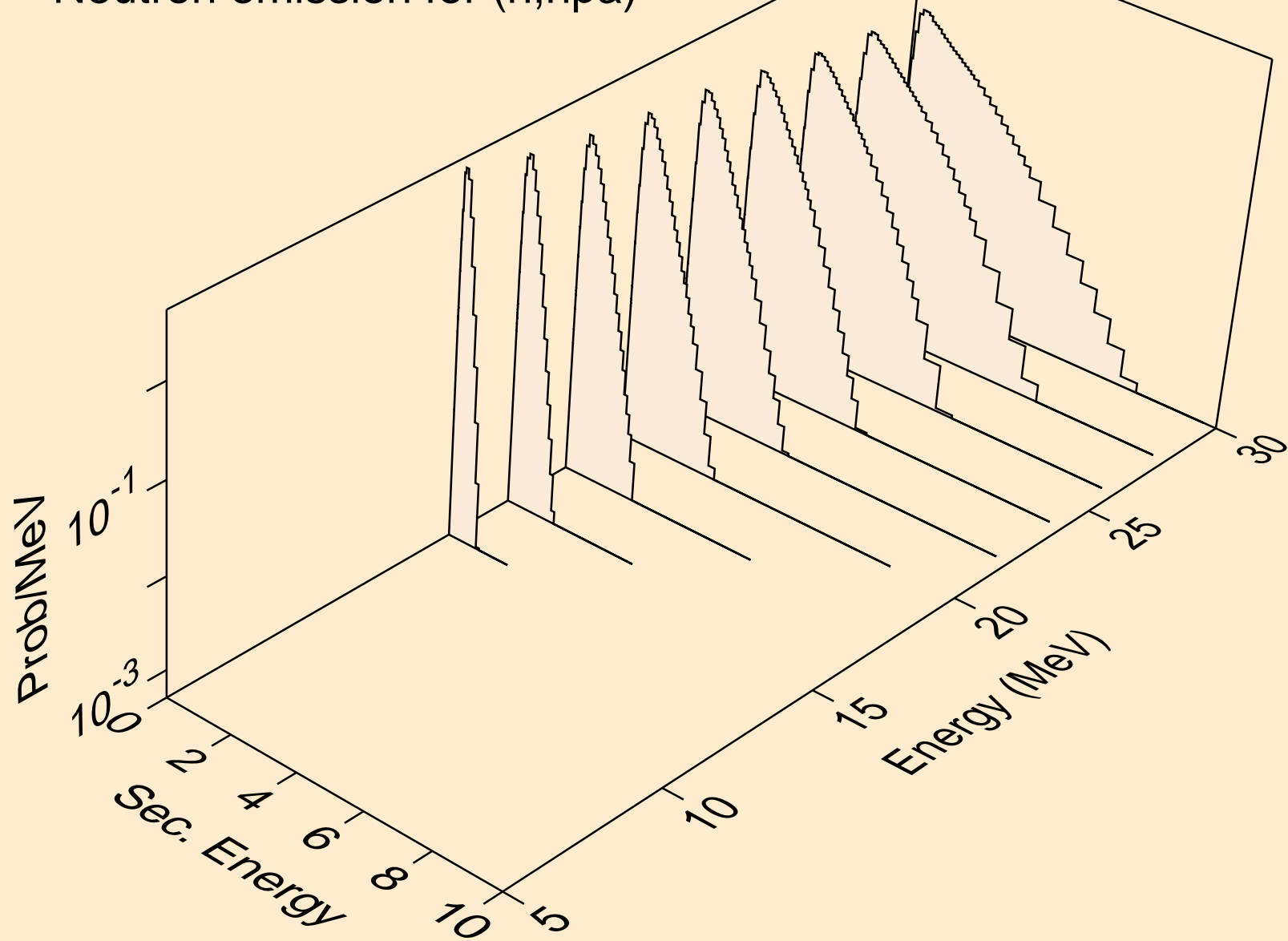
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



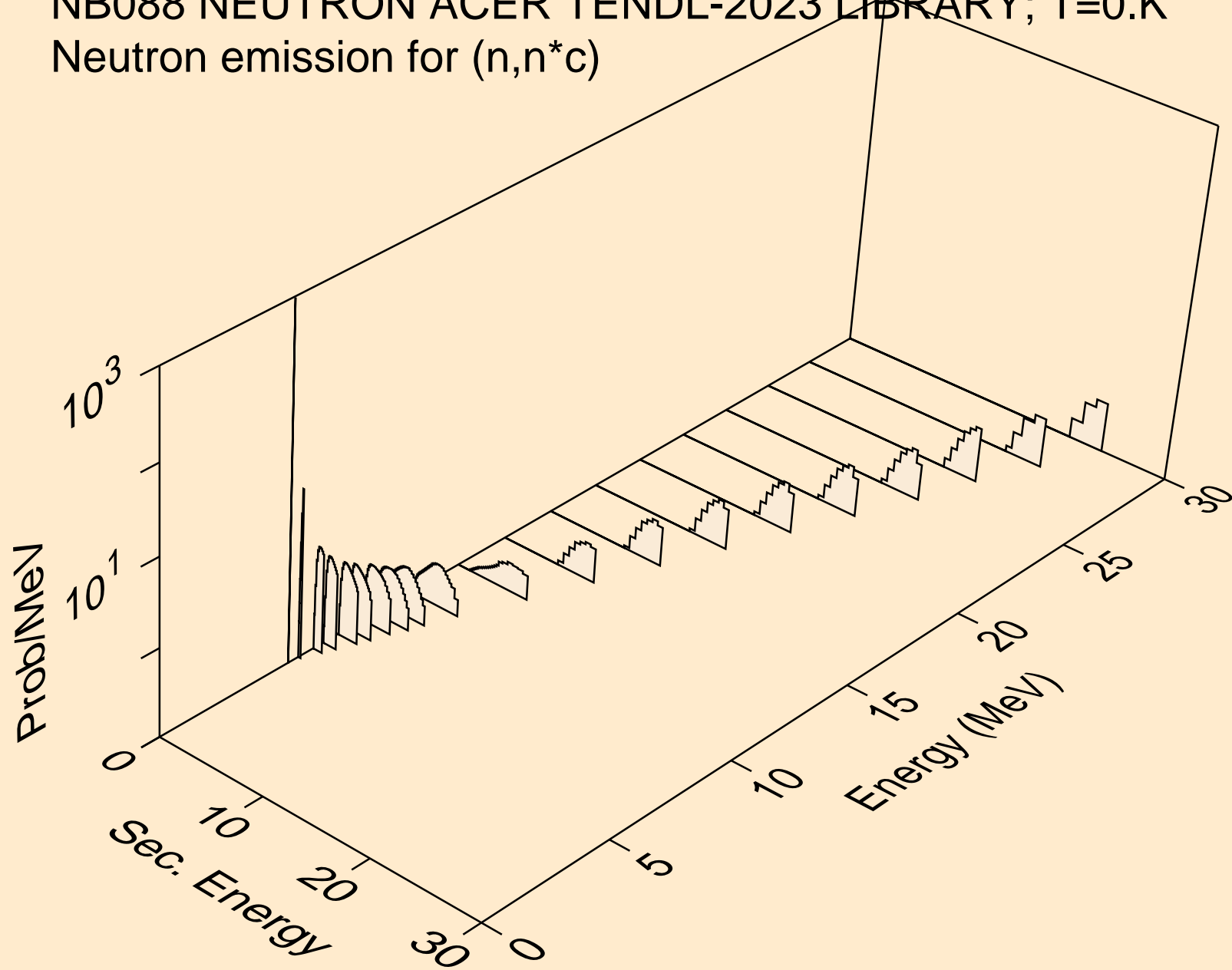
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



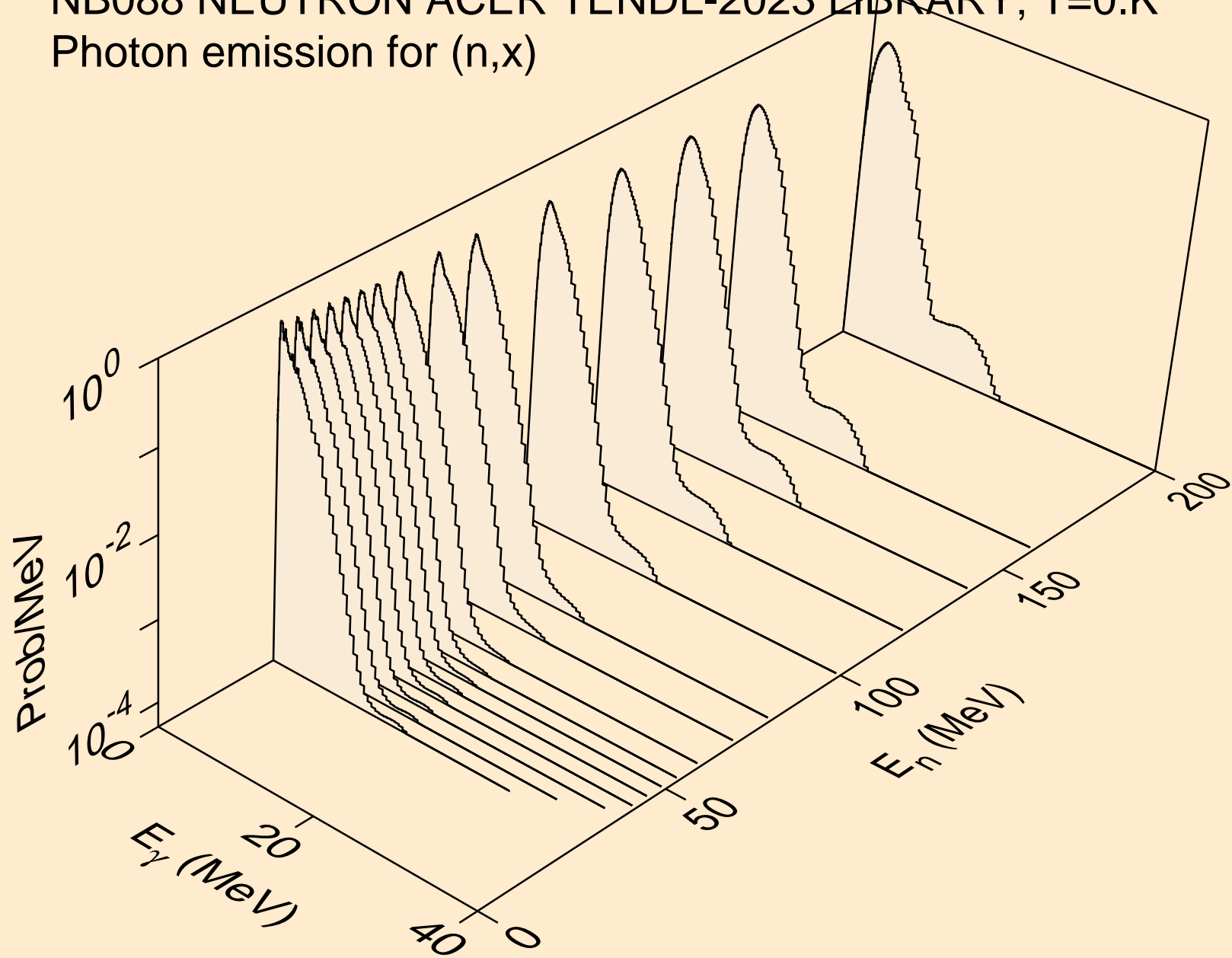
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



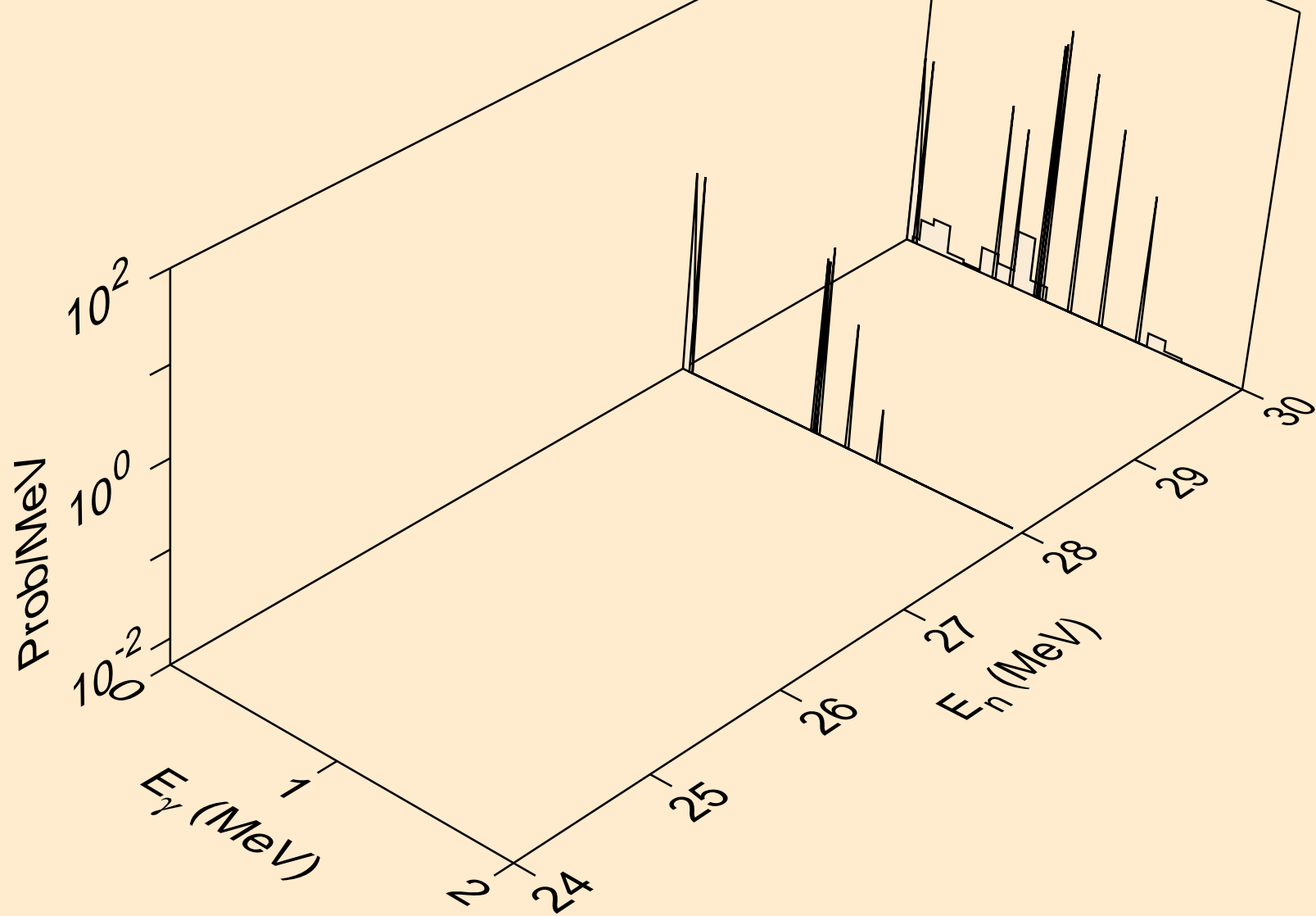
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



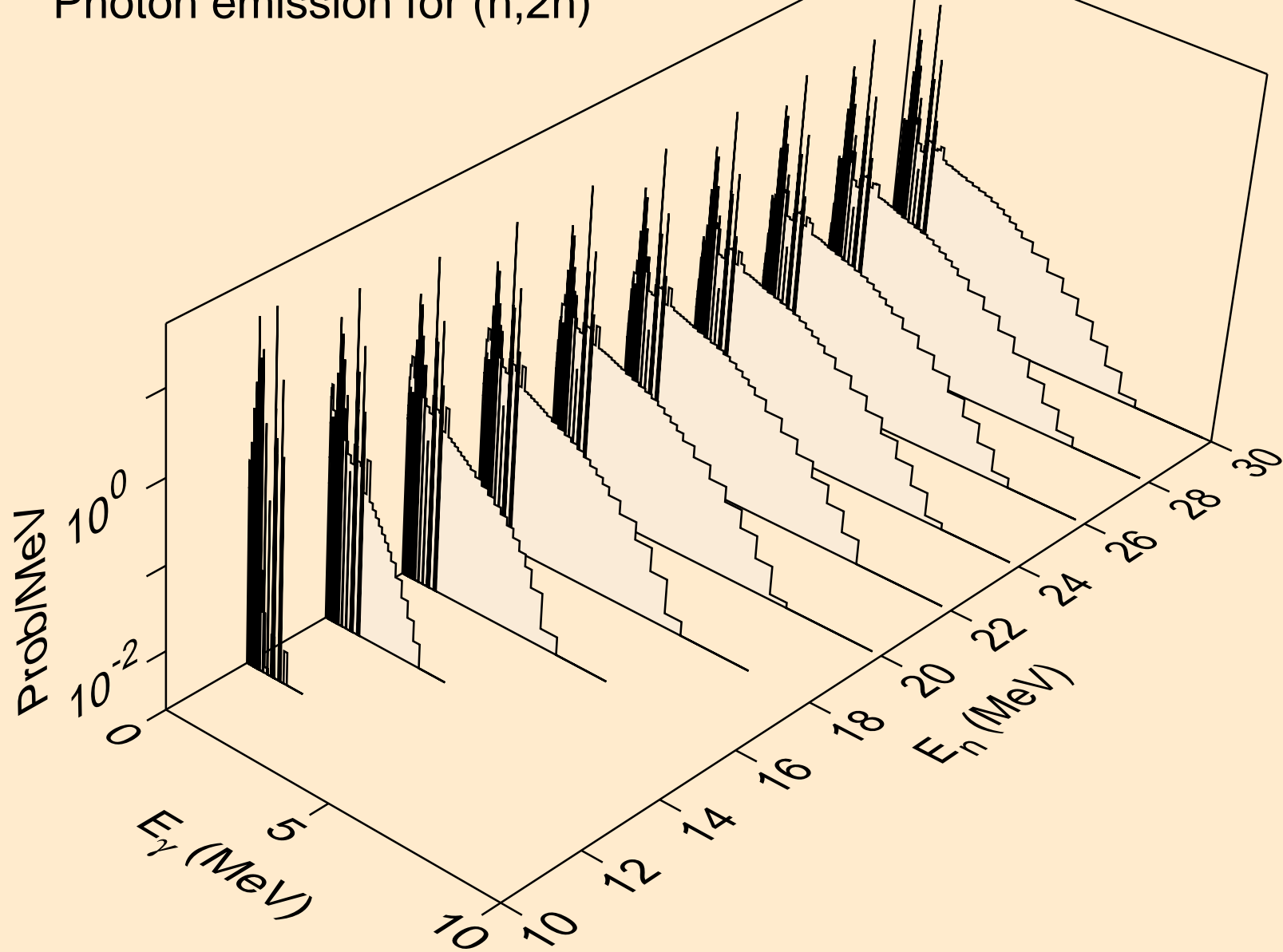
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



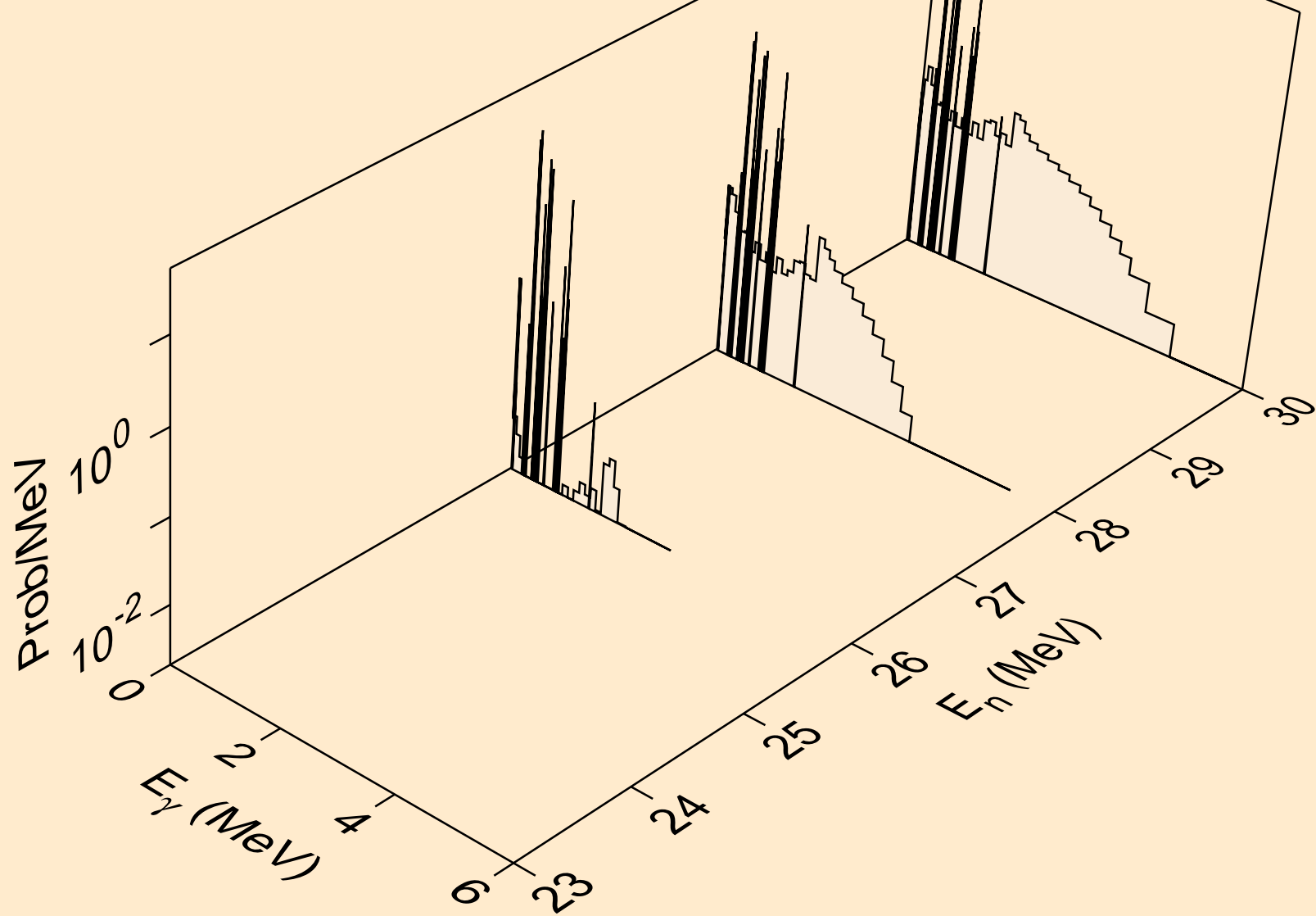
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

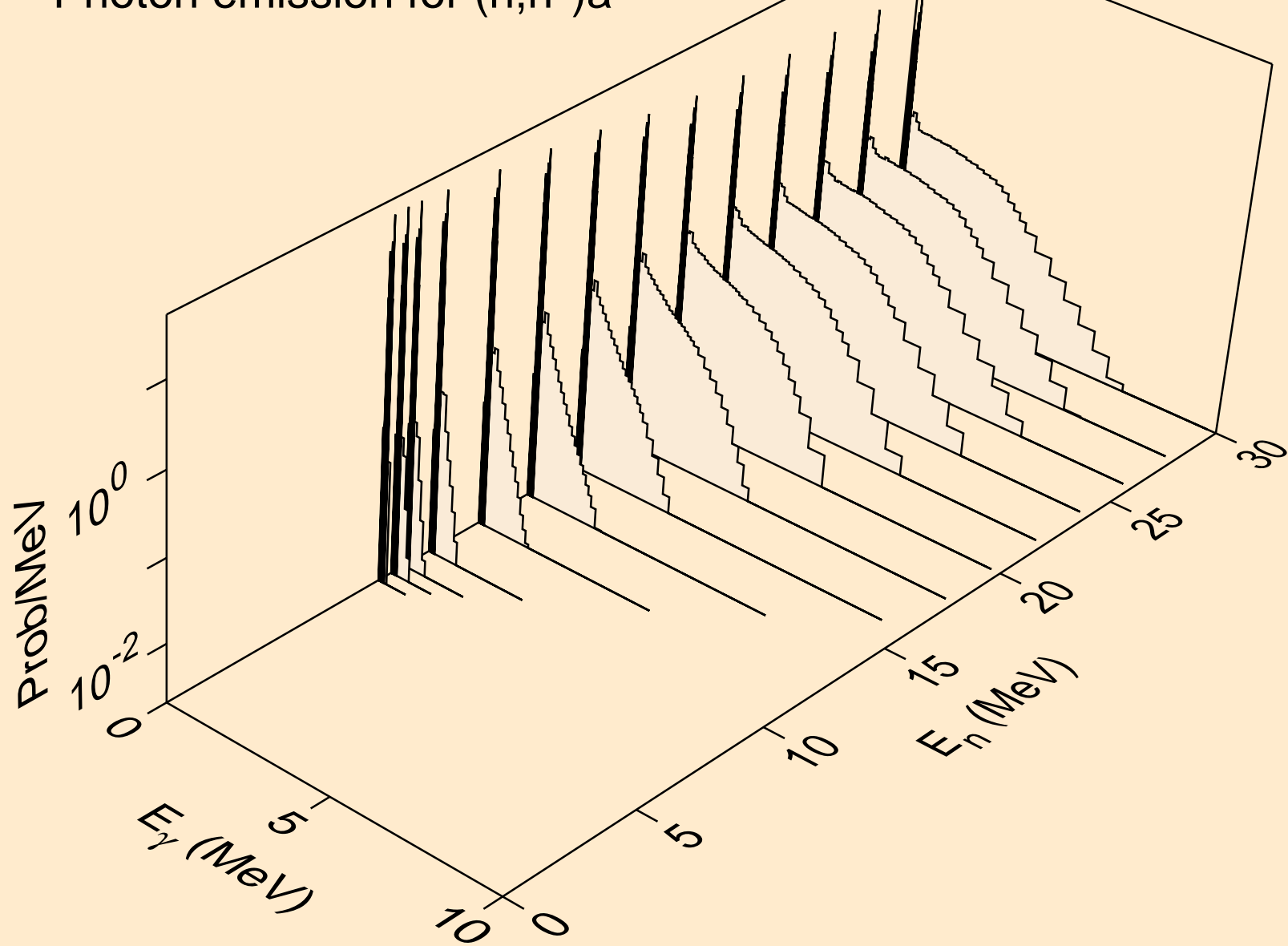


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

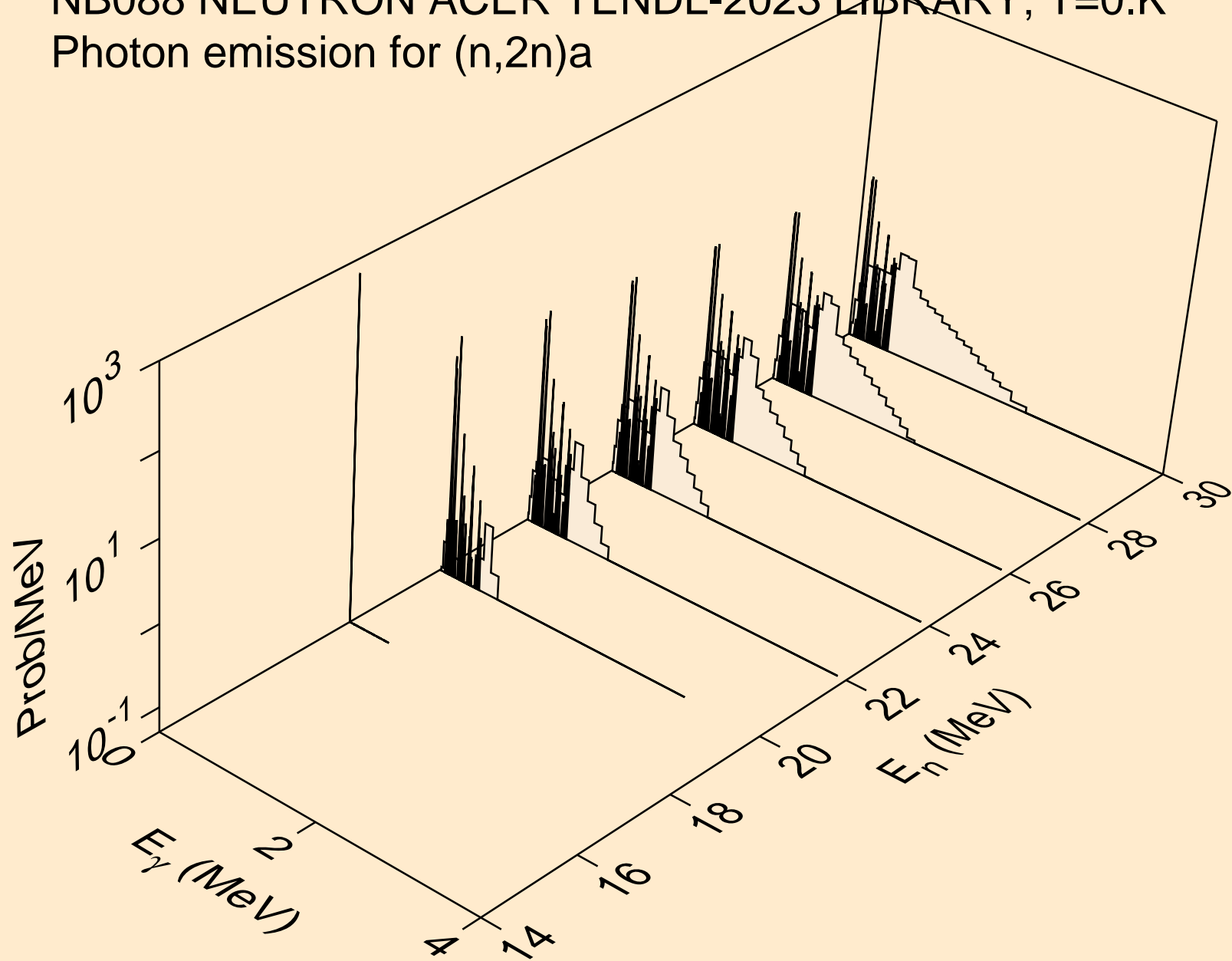




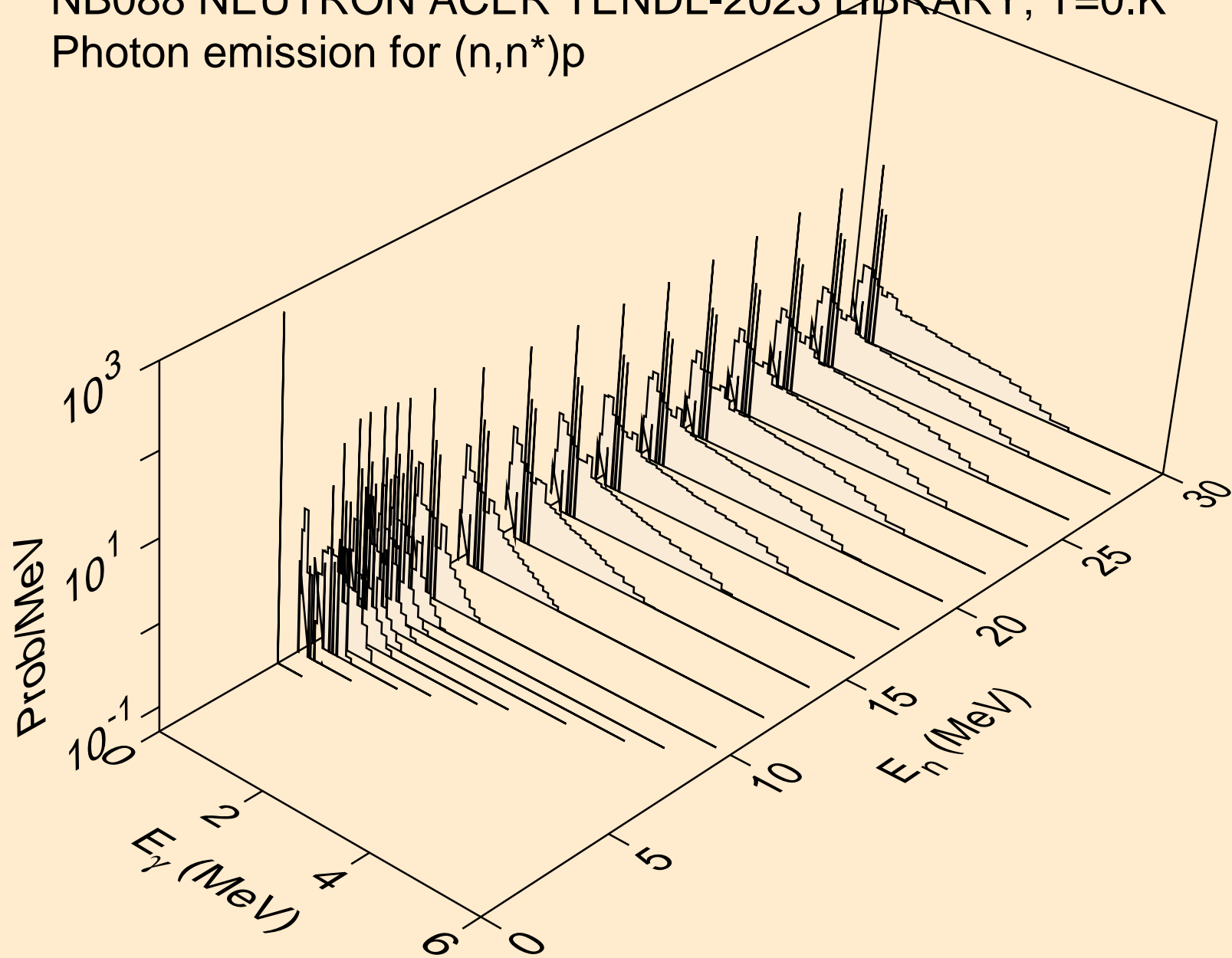
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



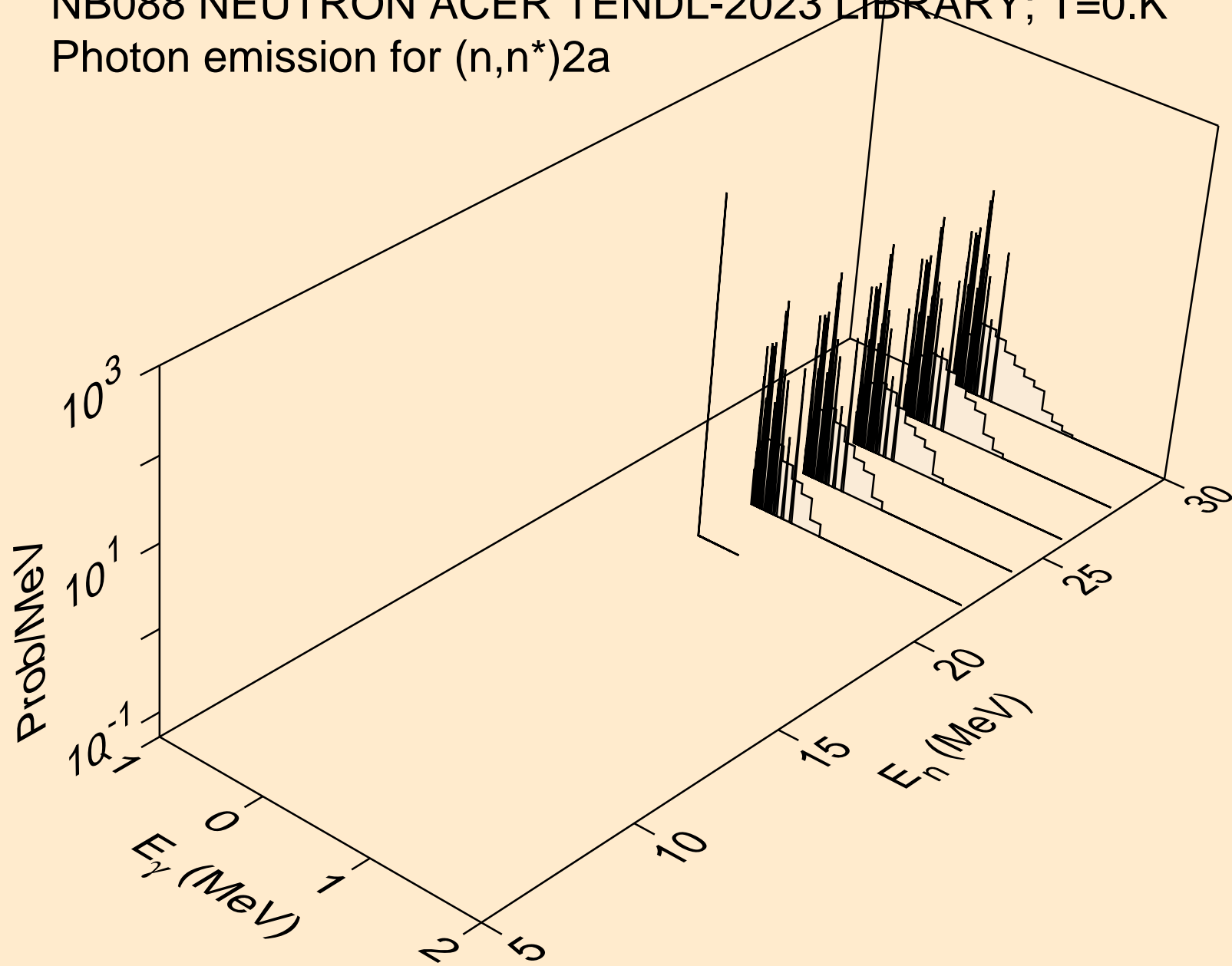
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



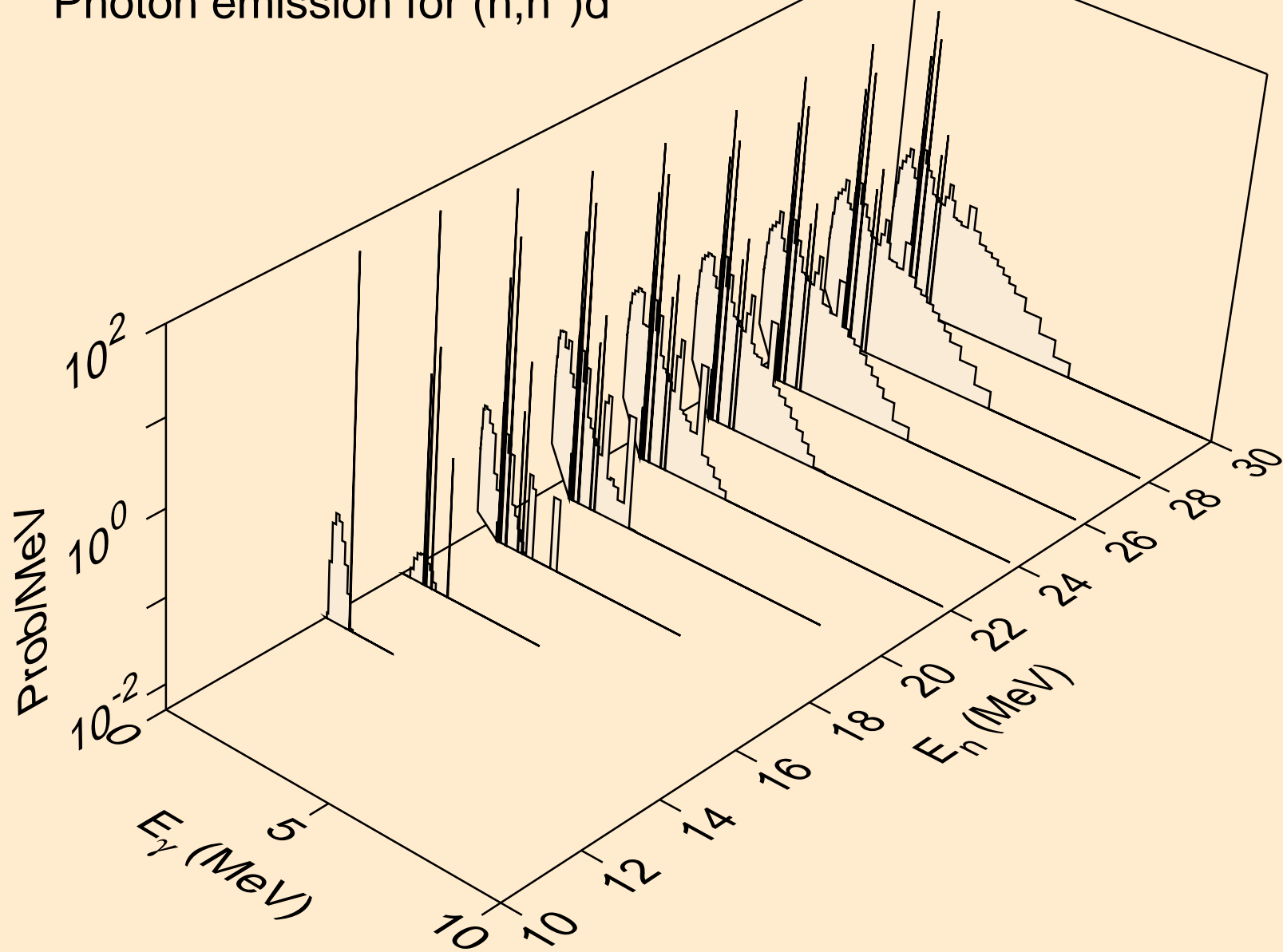
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Photon emission for (n,n\*)p



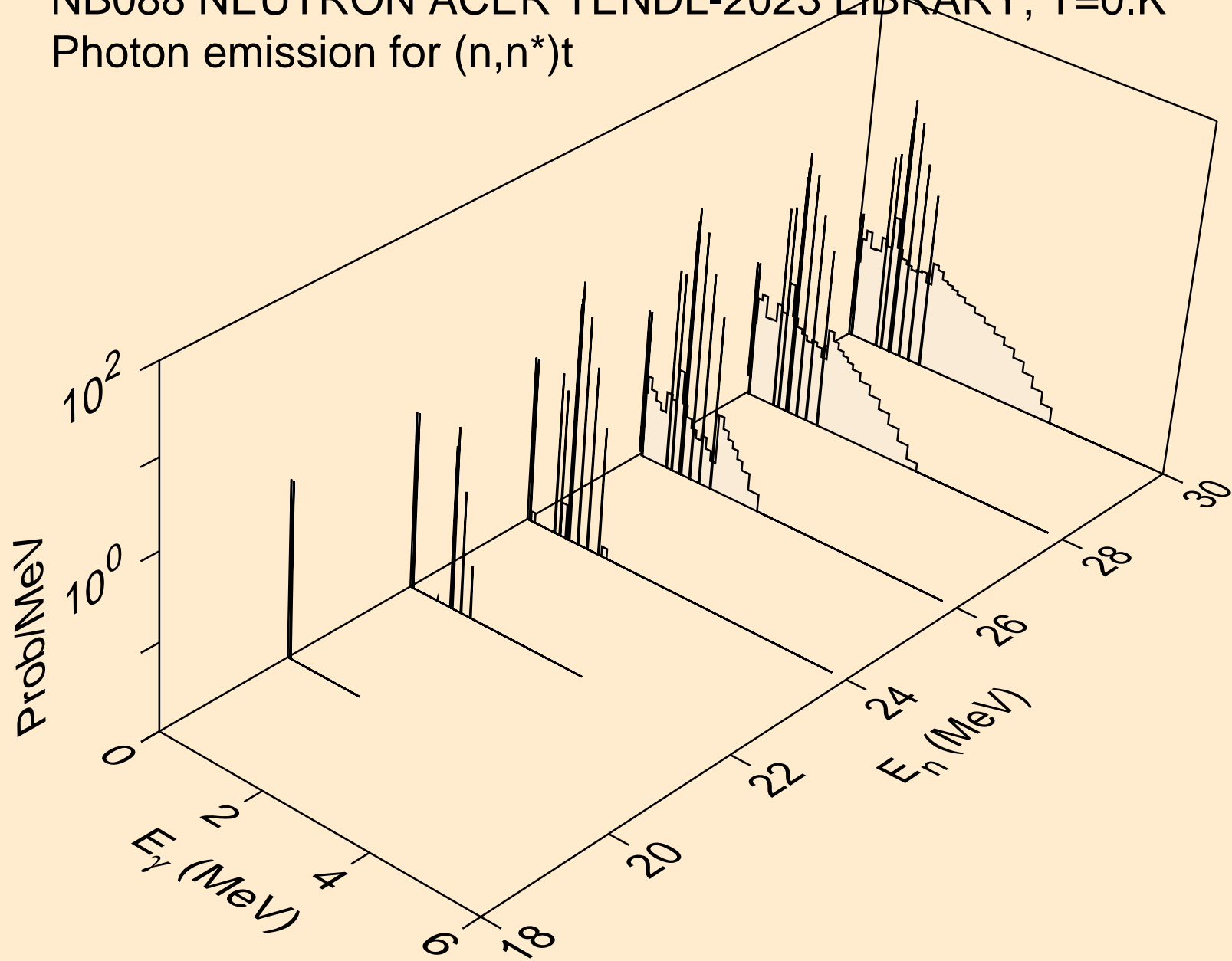
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Photon emission for (n,n\*)2a



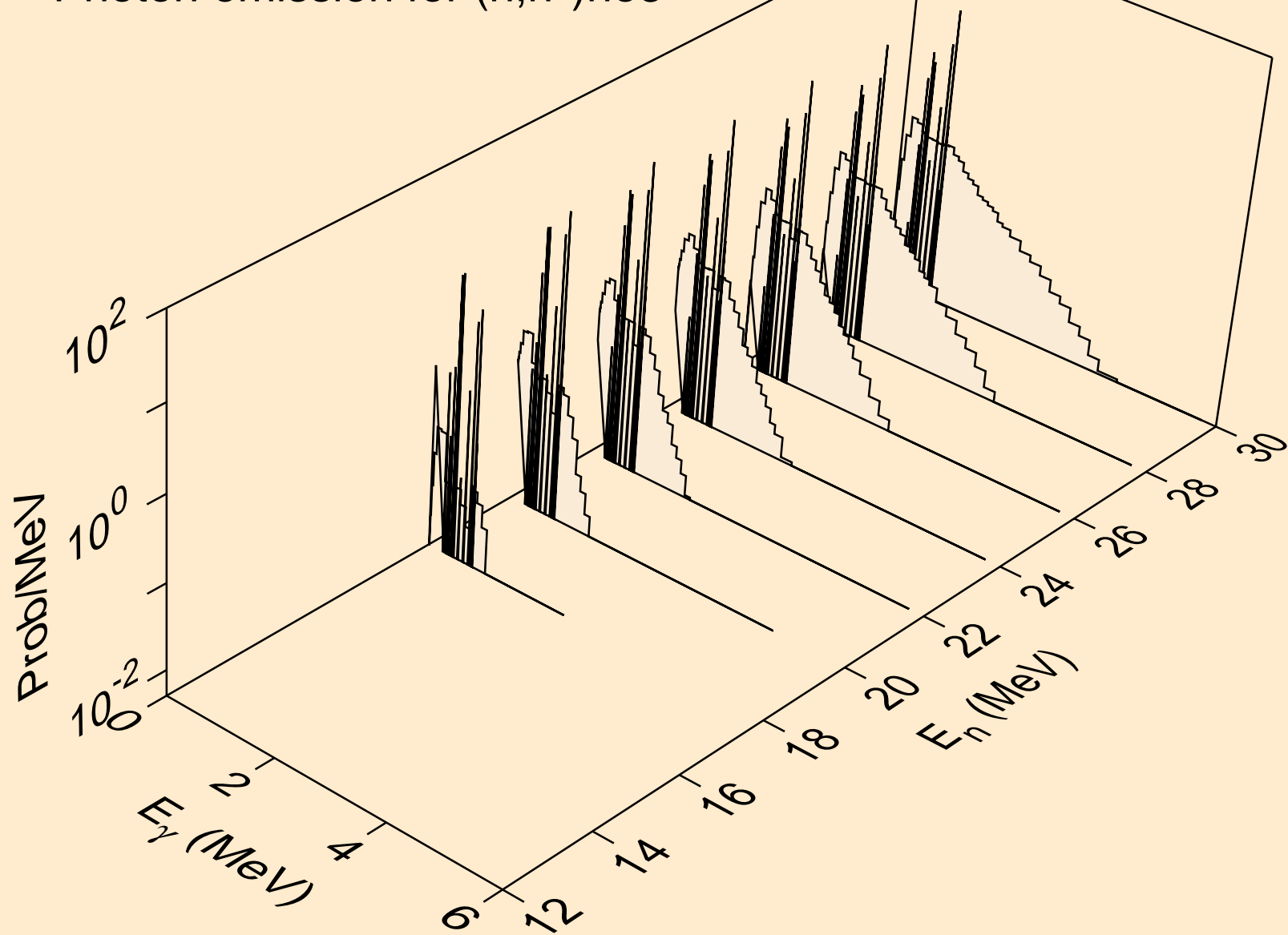
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Photon emission for (n,n\*)d



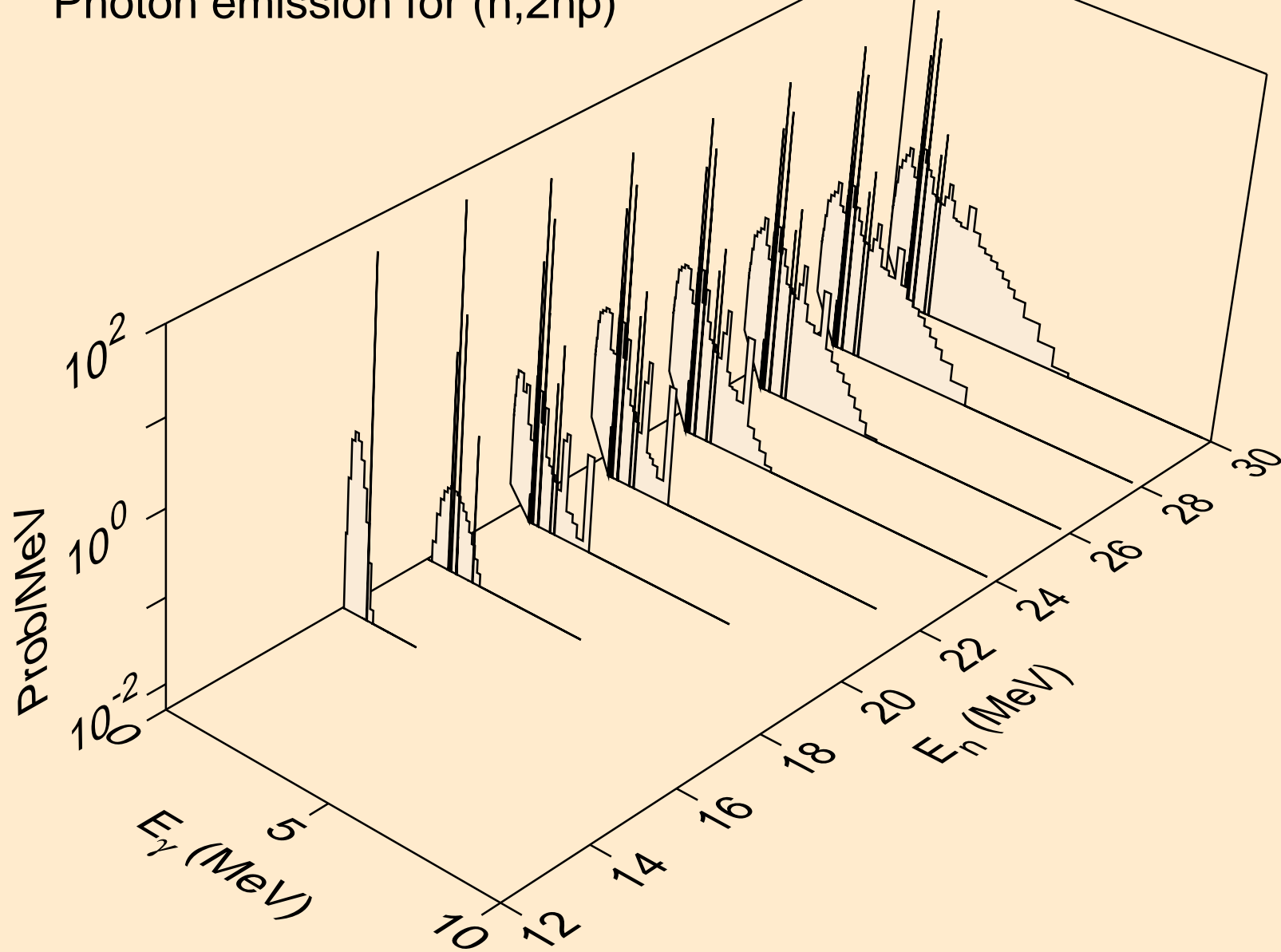
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

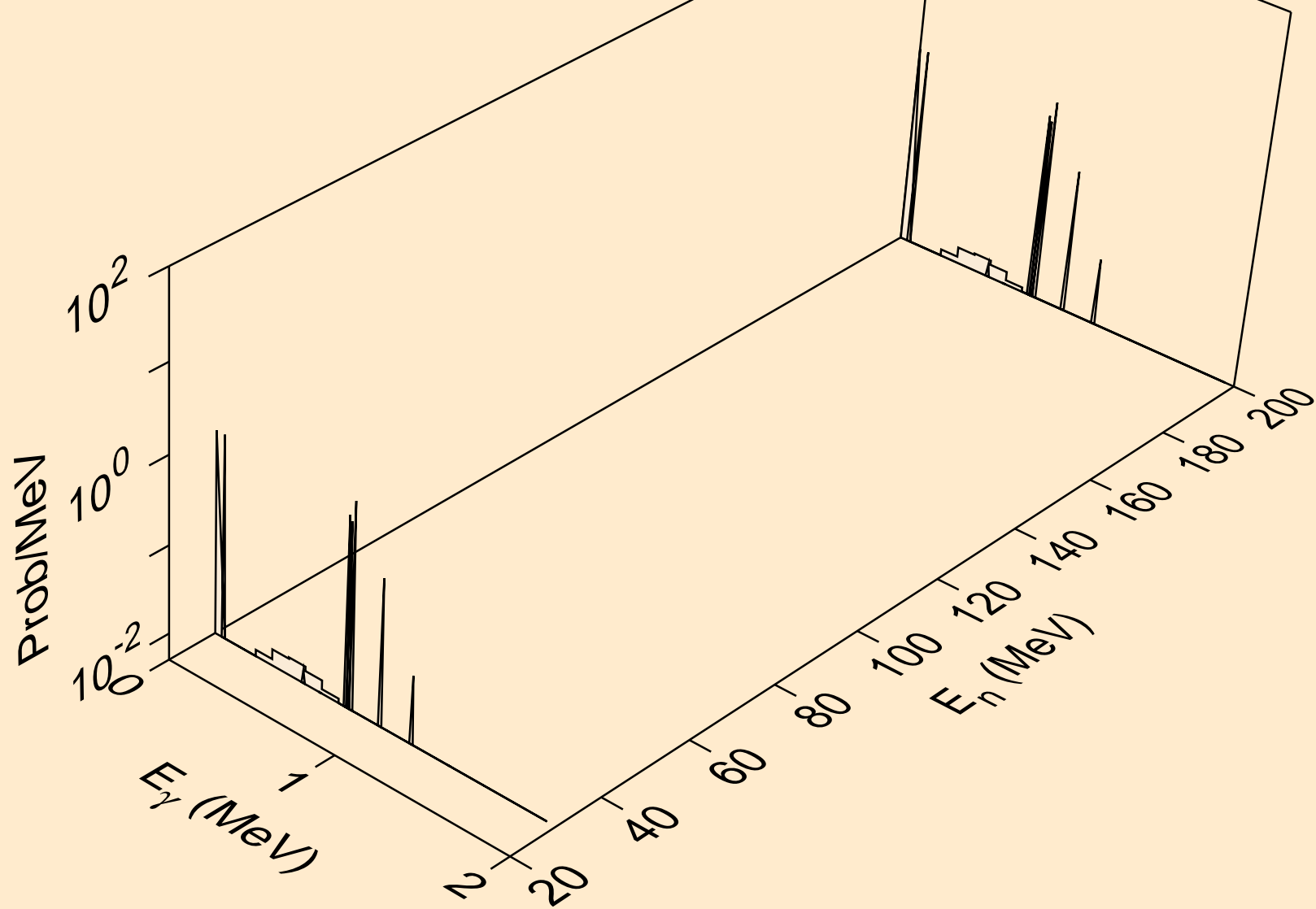


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

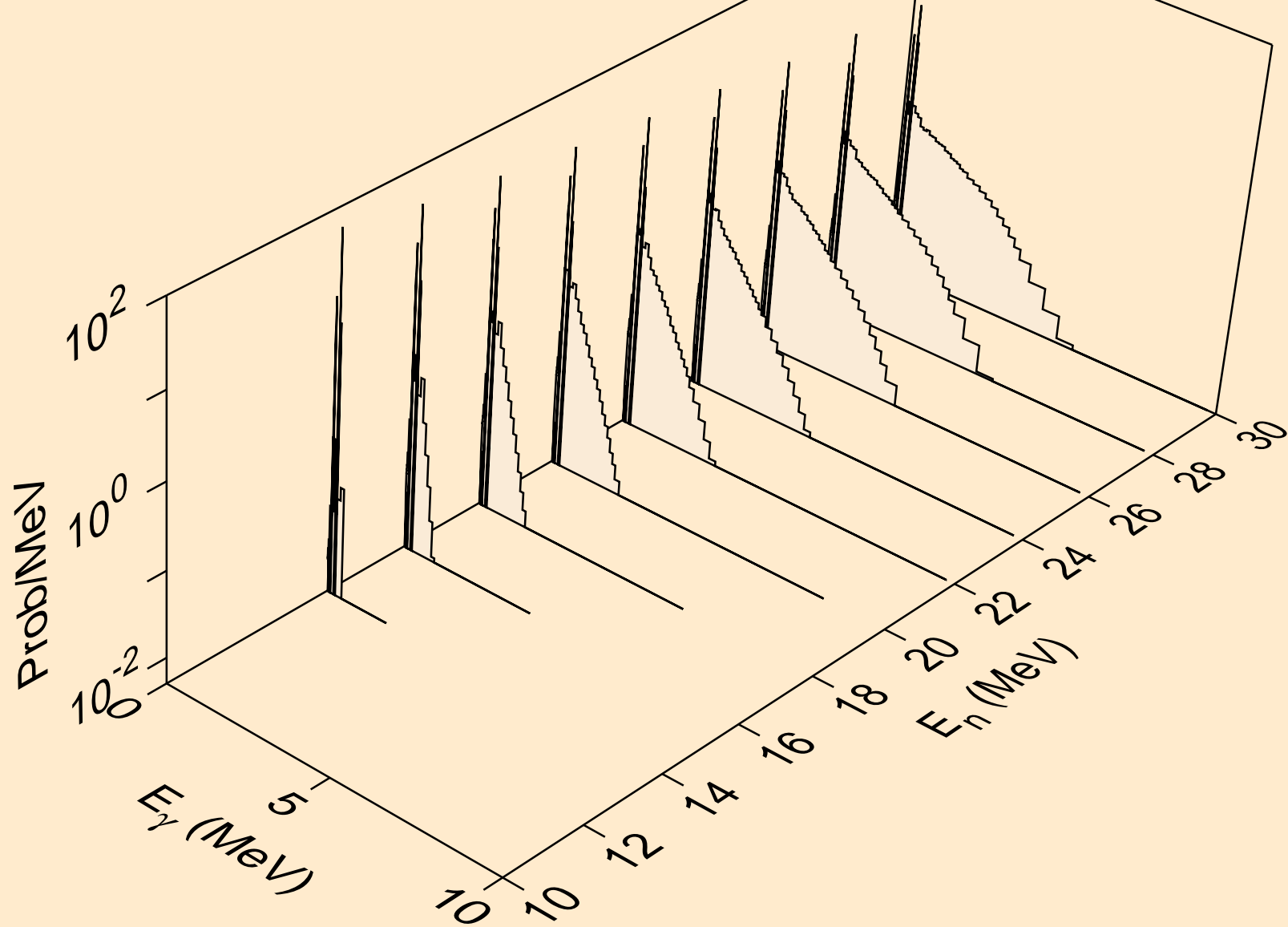




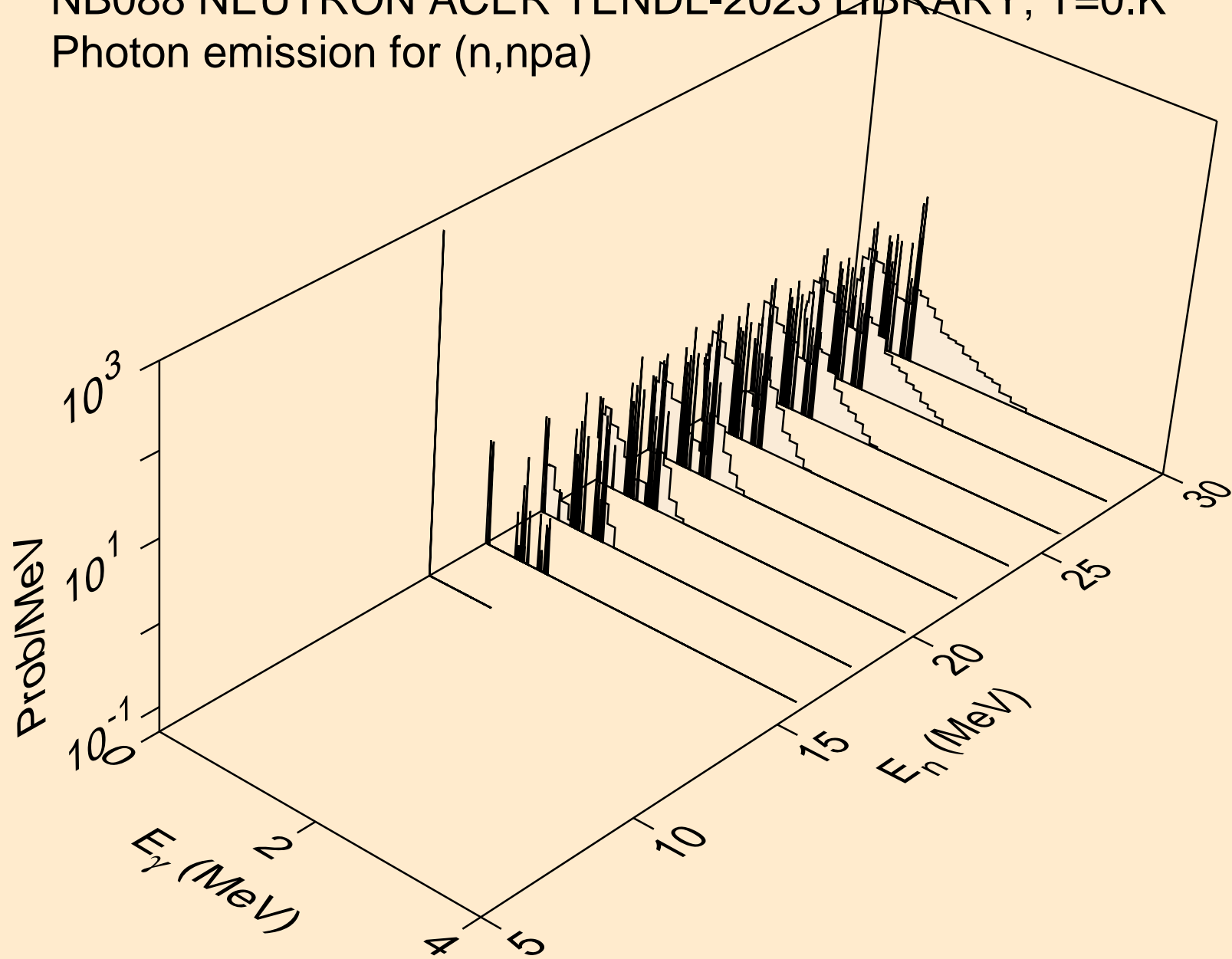
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Photon emission for (n,3np)



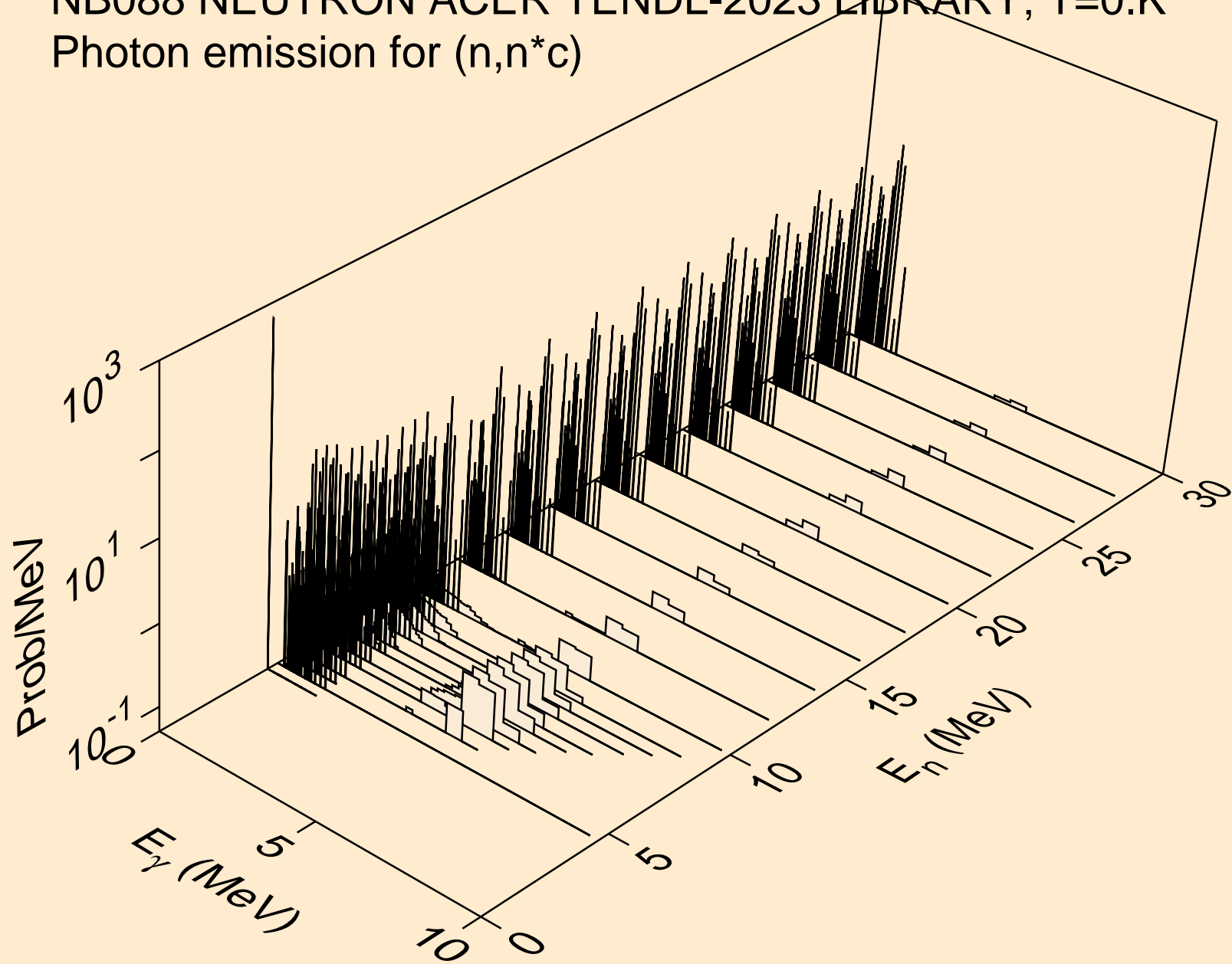
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



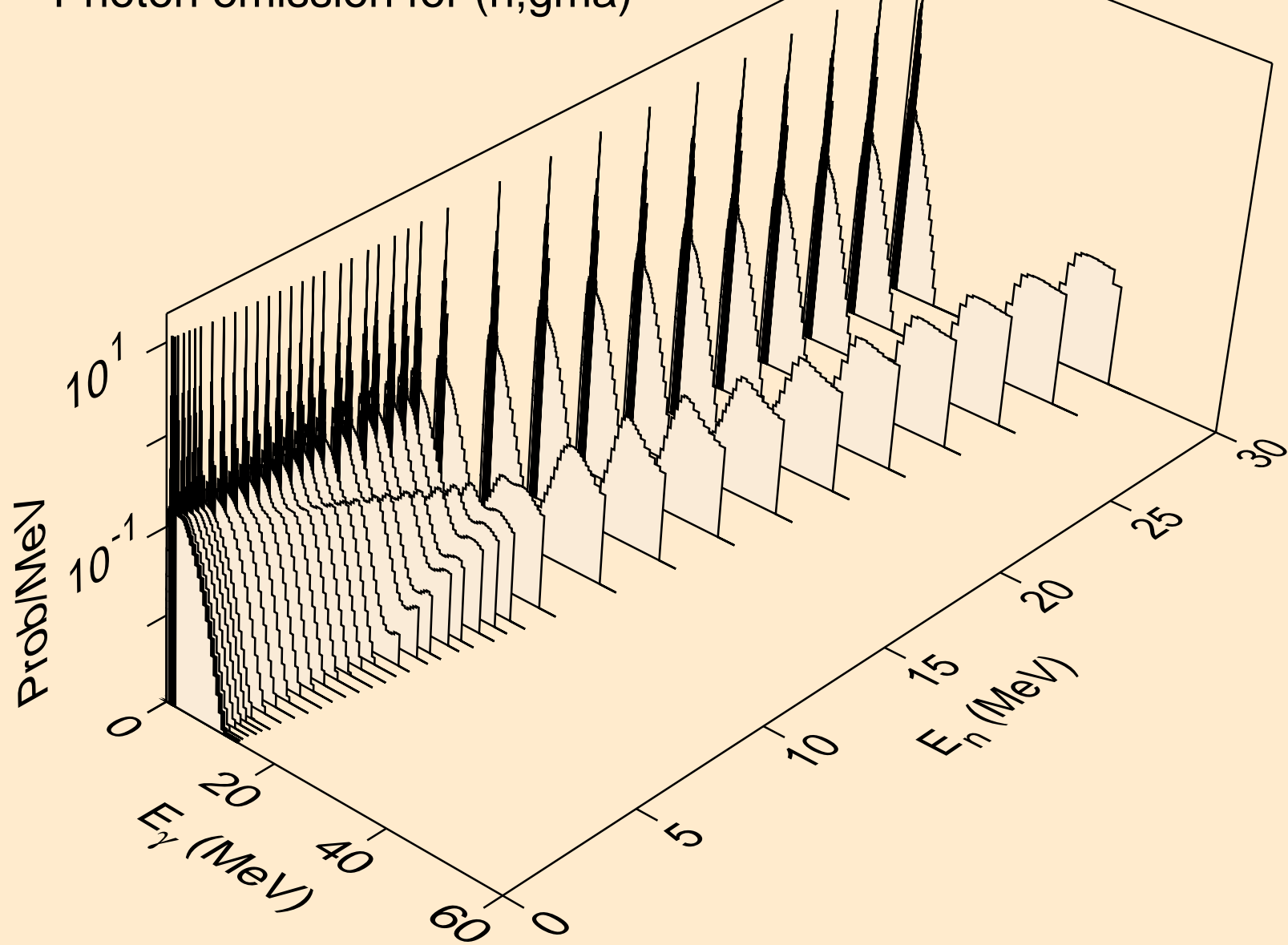
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Photon emission for (n,npa)



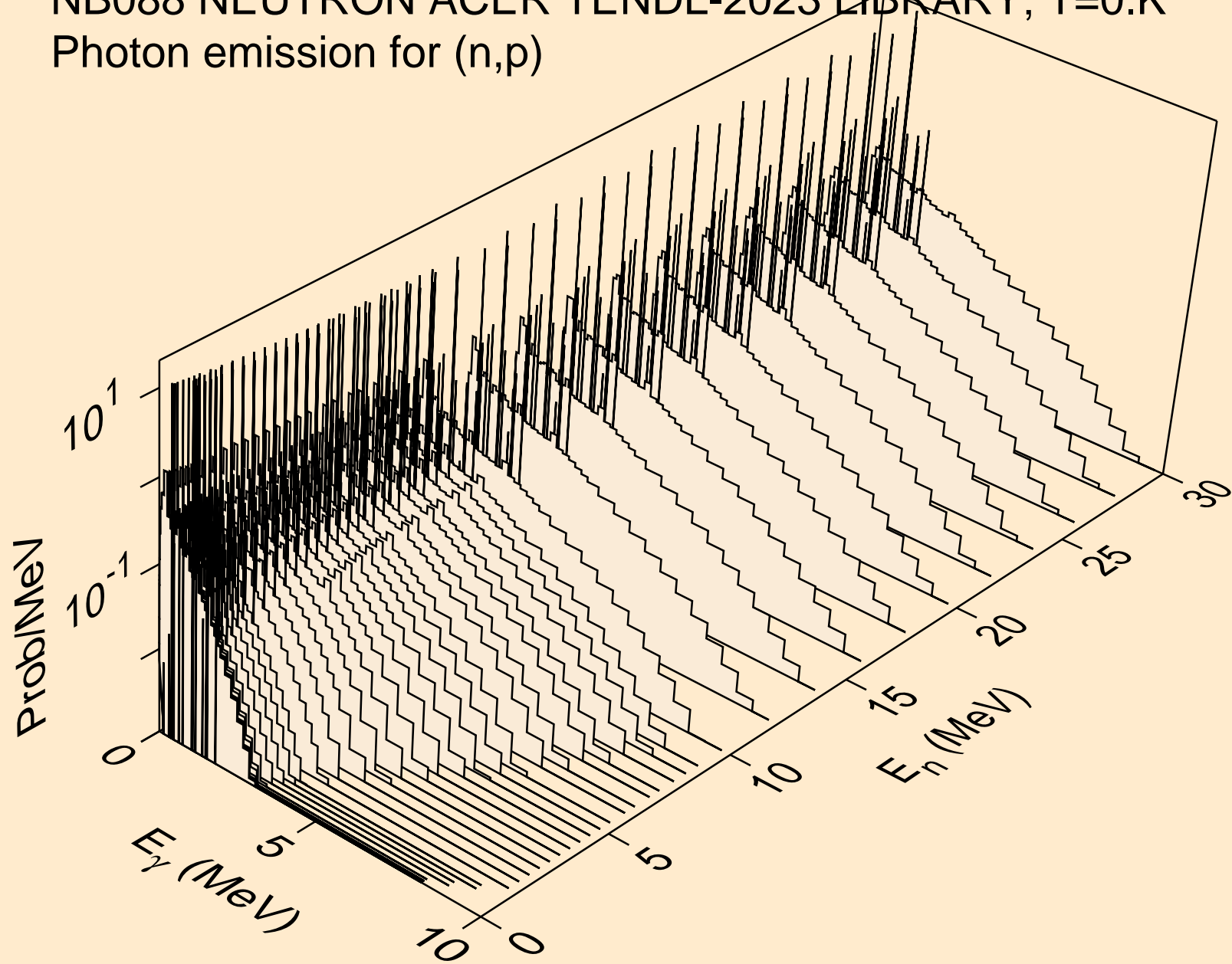
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



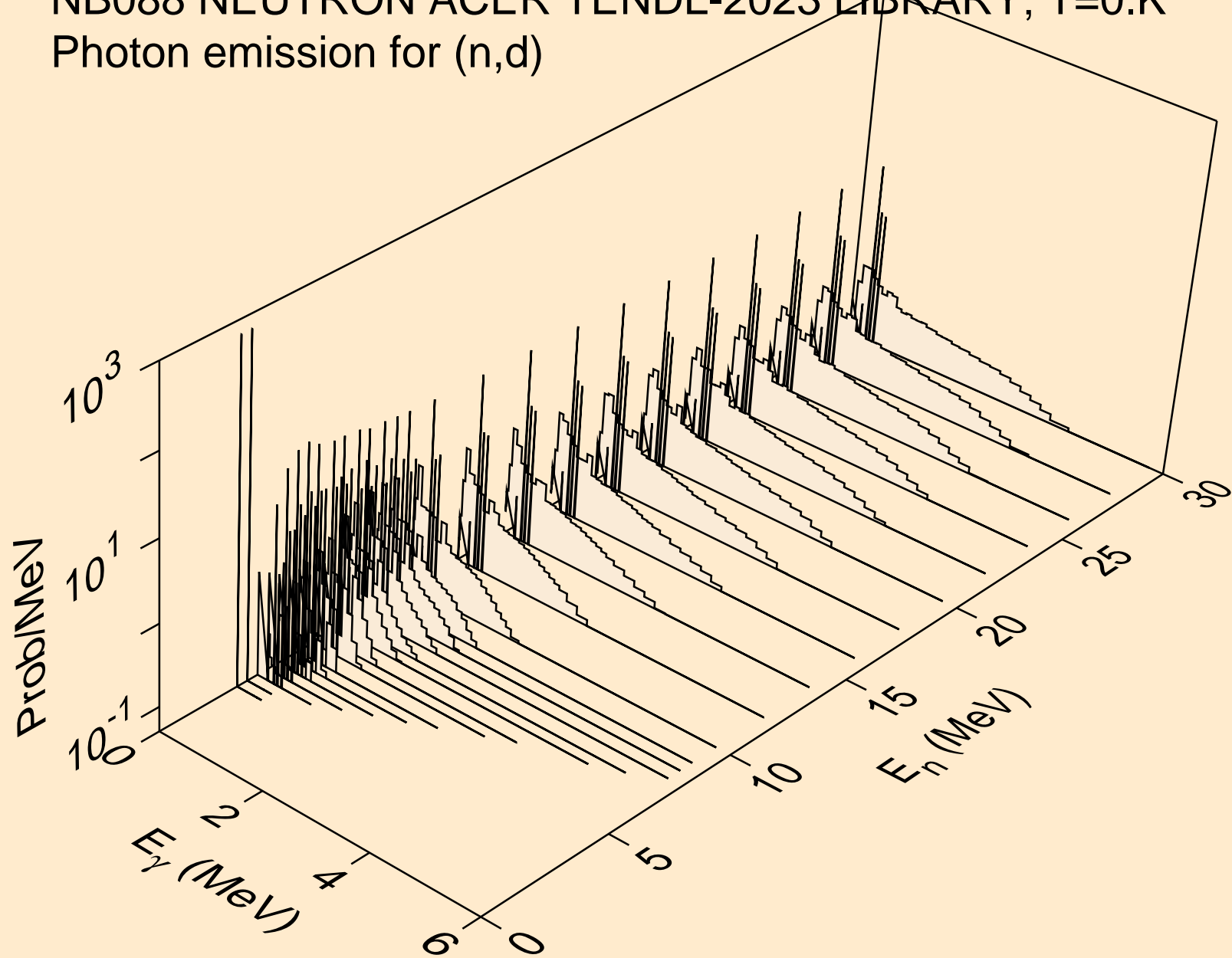
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Photon emission for (n,gma)



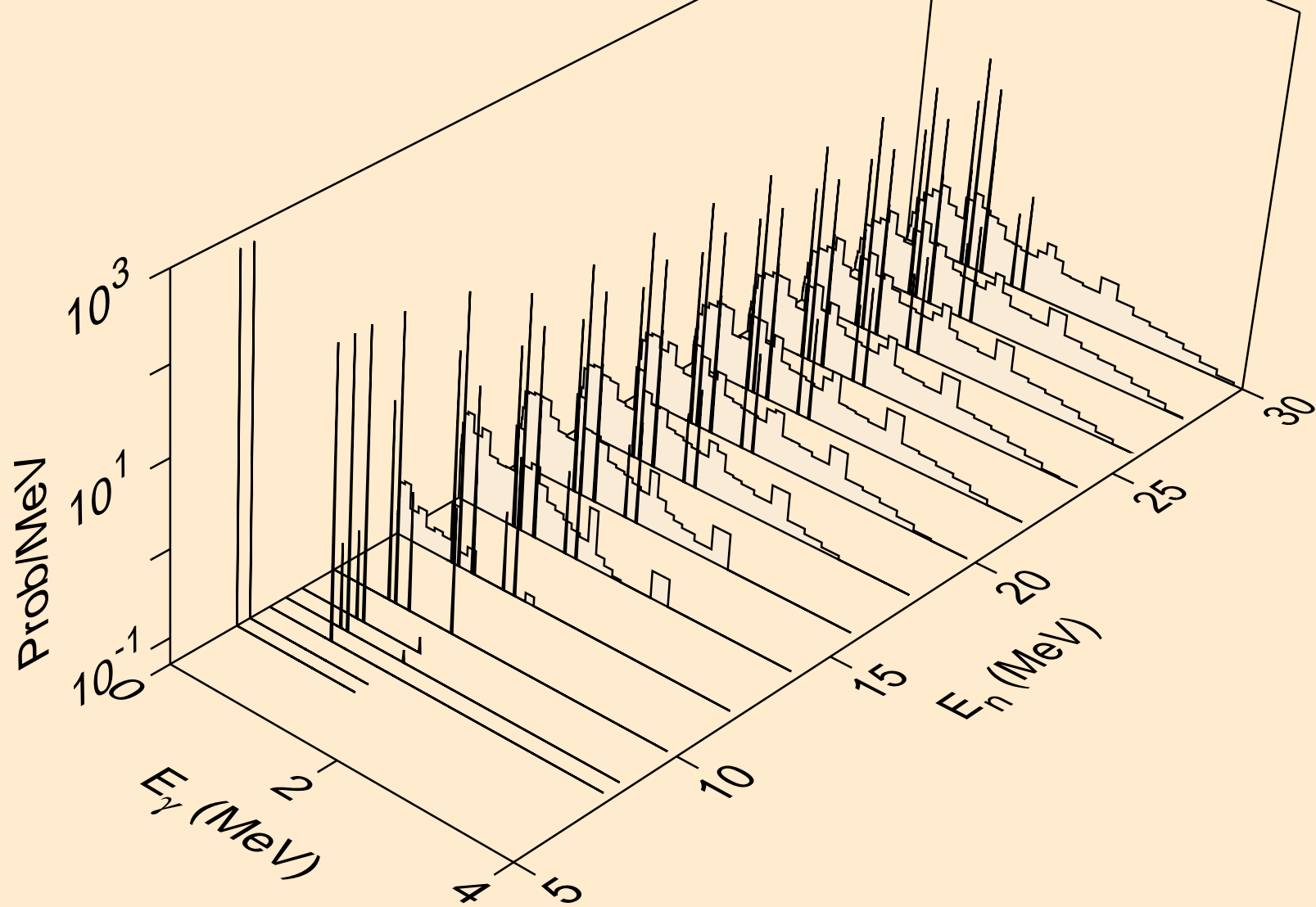
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

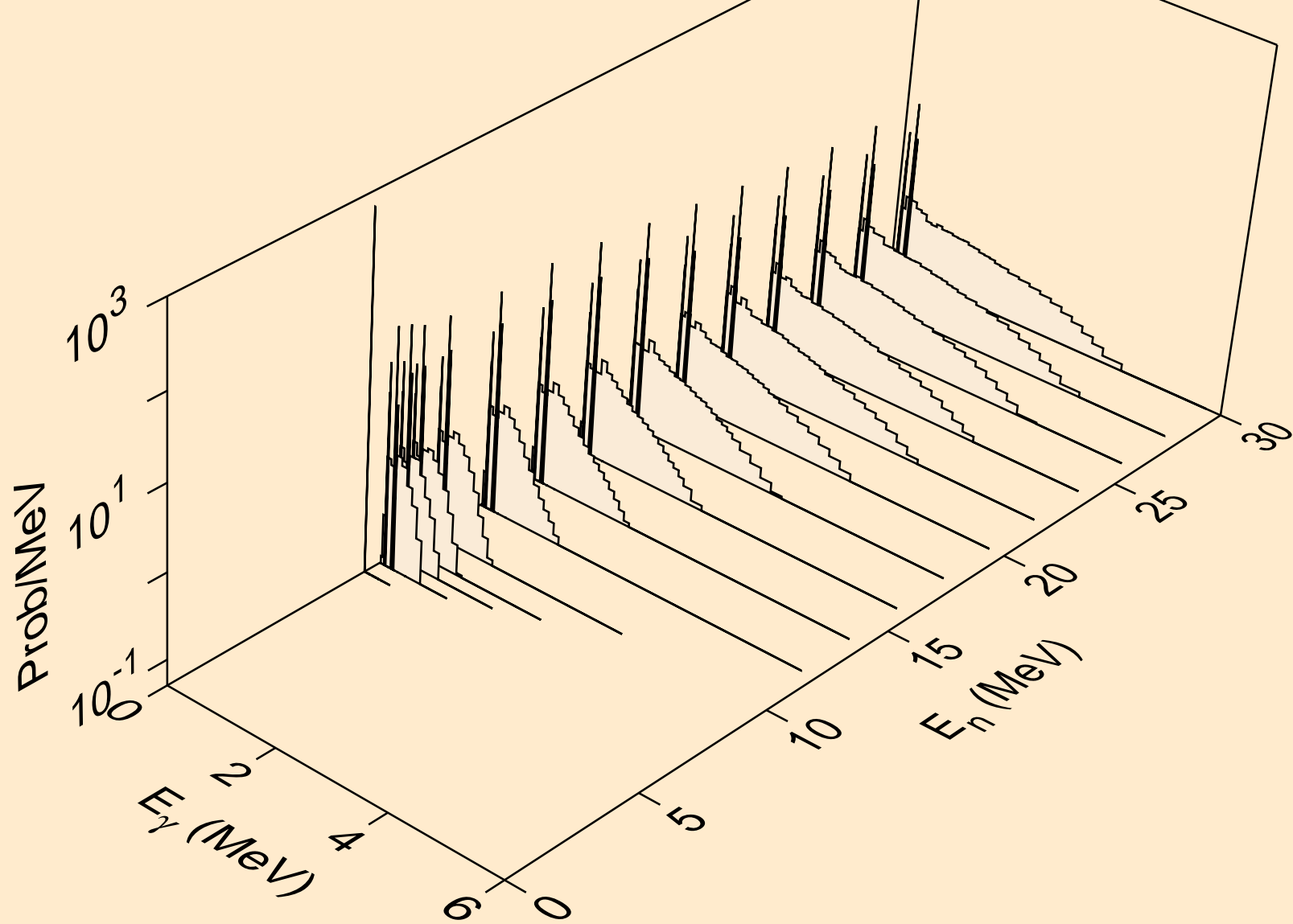


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

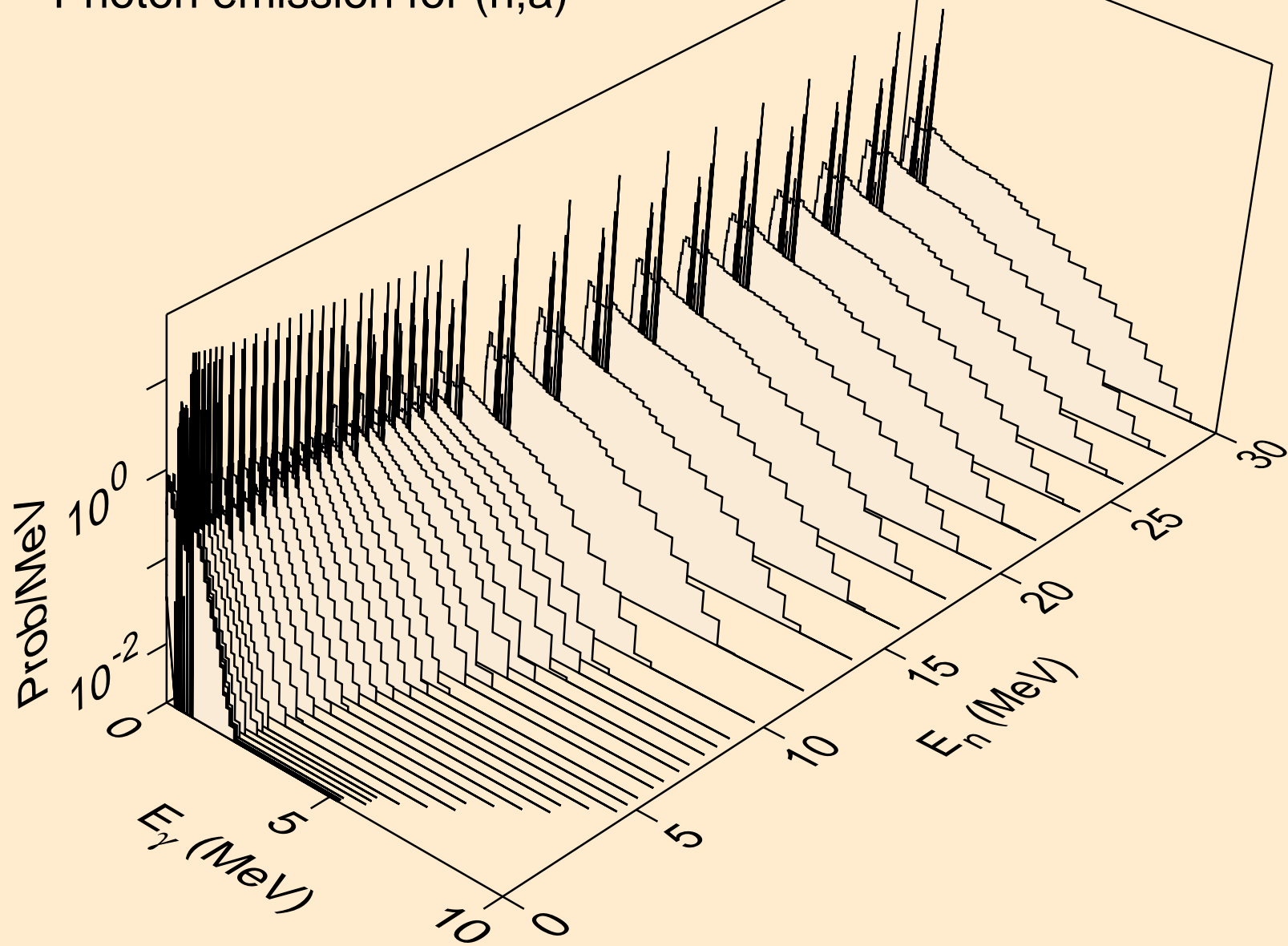




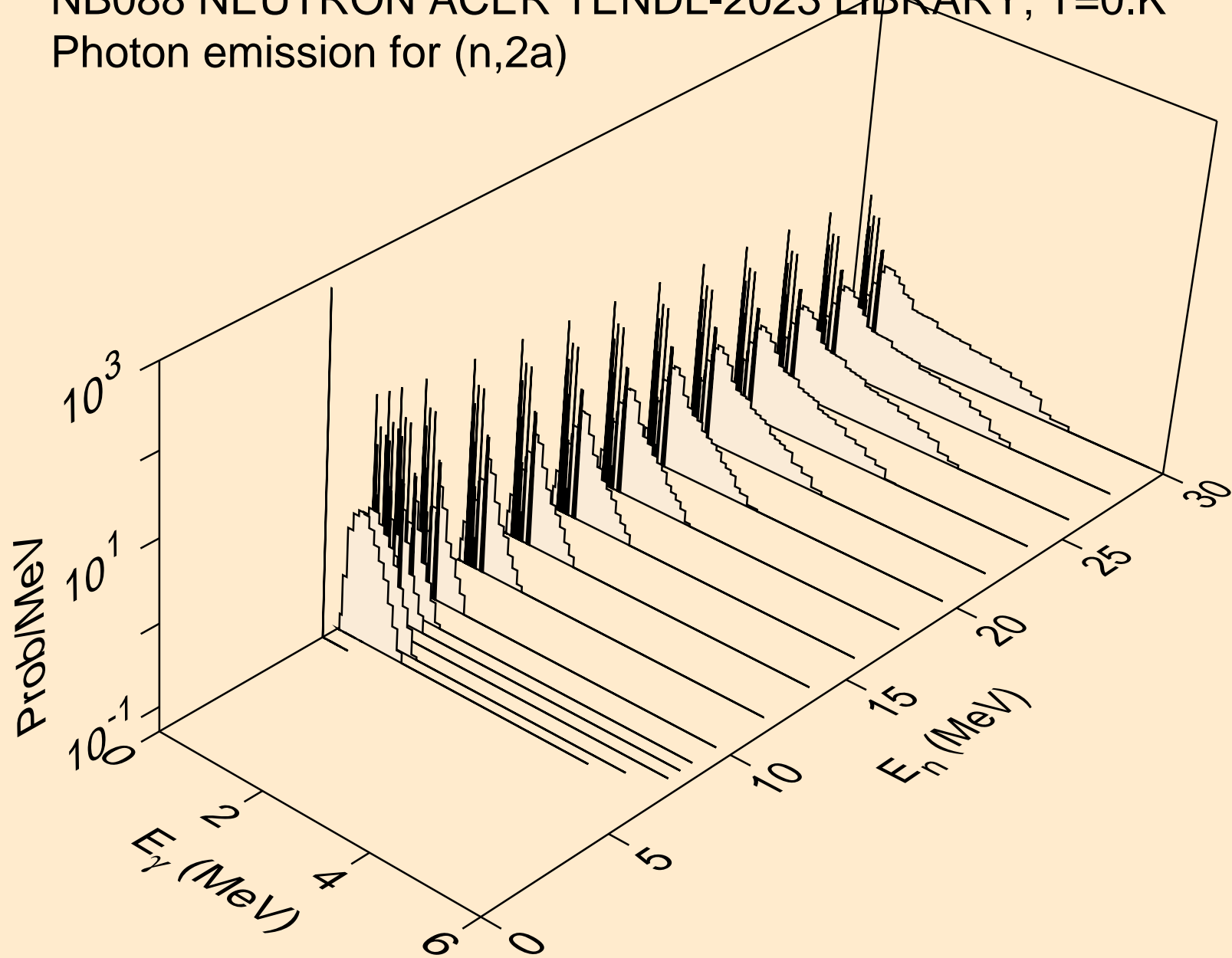
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Photon emission for (n,he3)



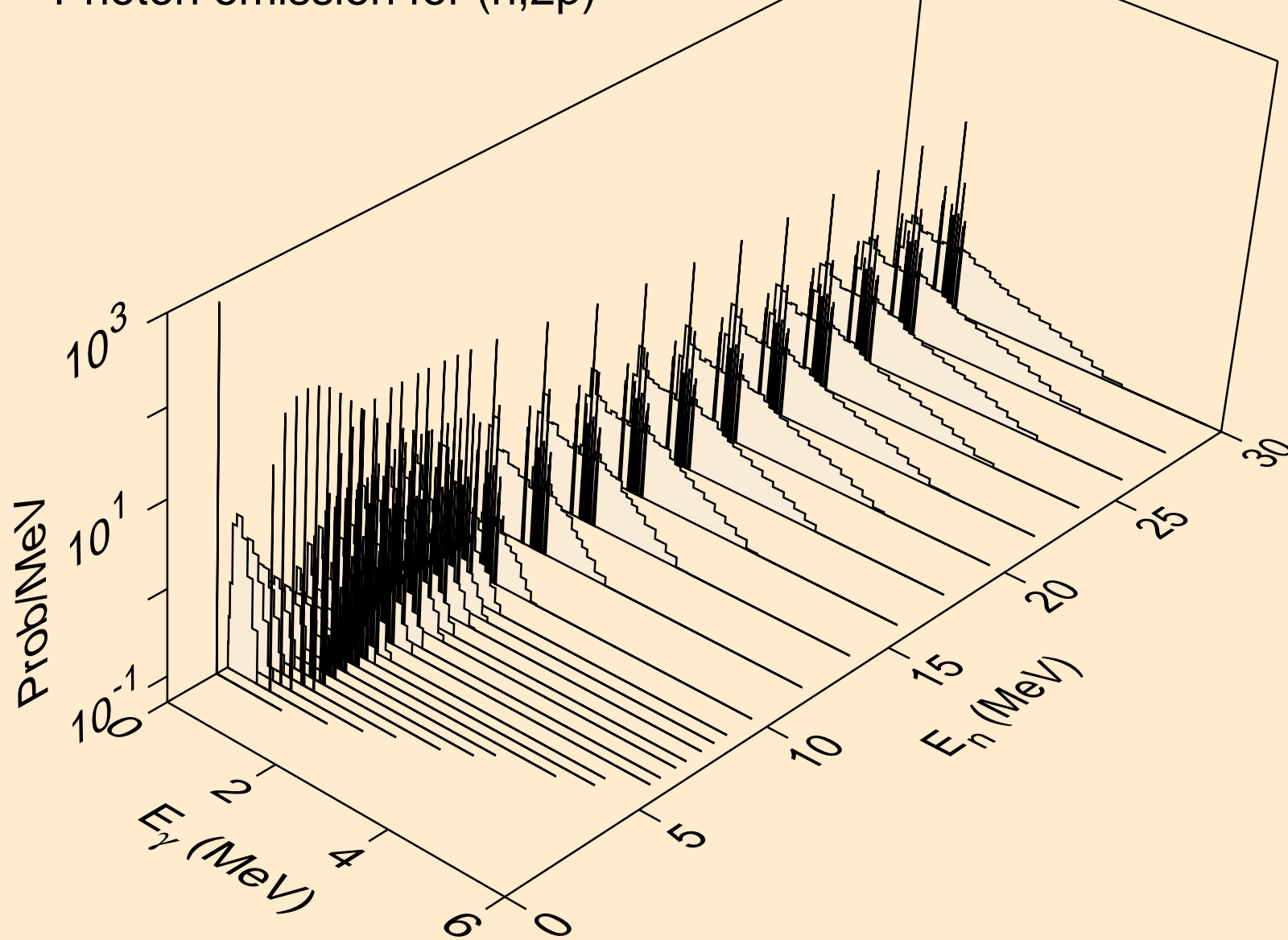
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Photon emission for (n,a)



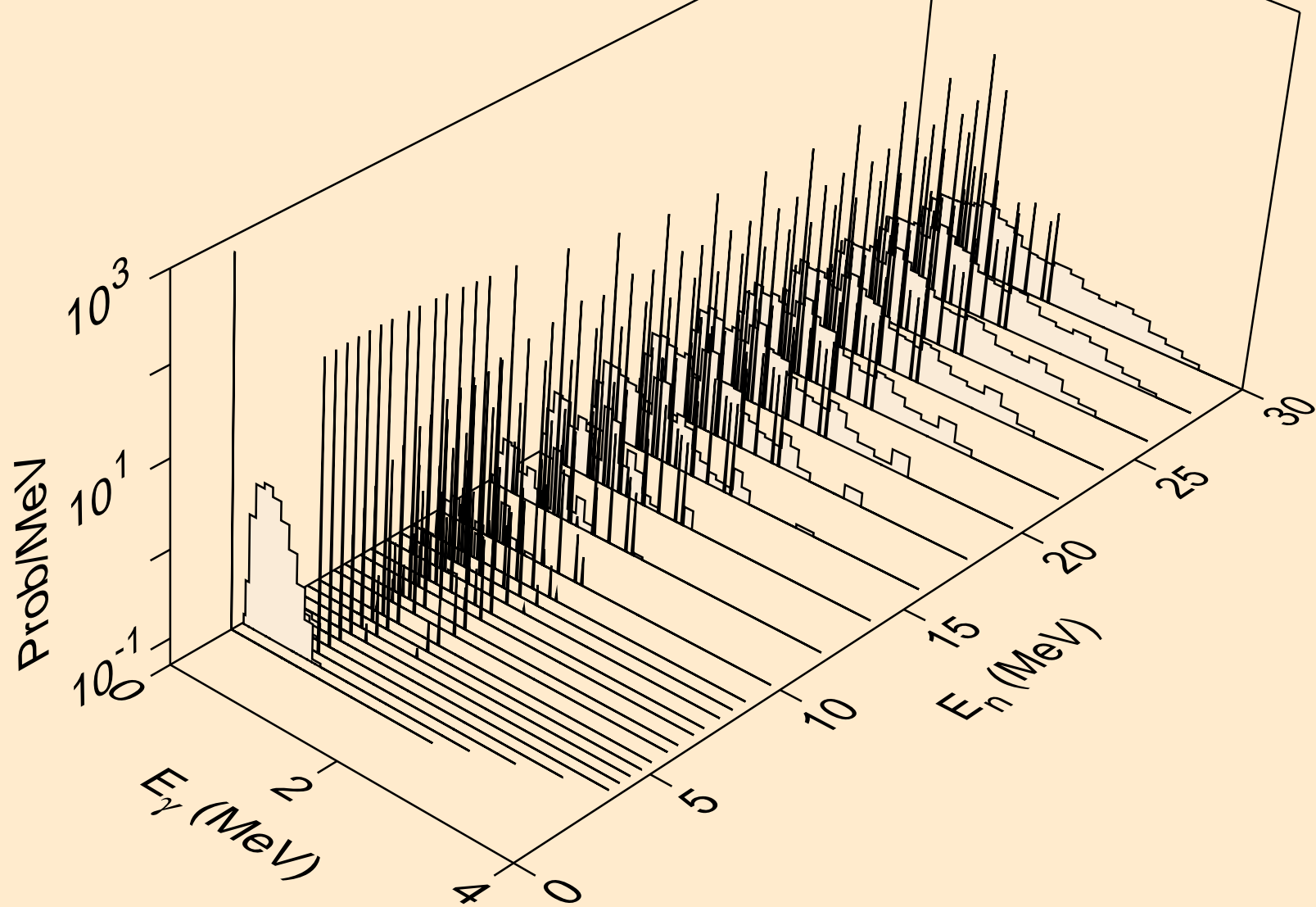
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Photon emission for (n,2a)



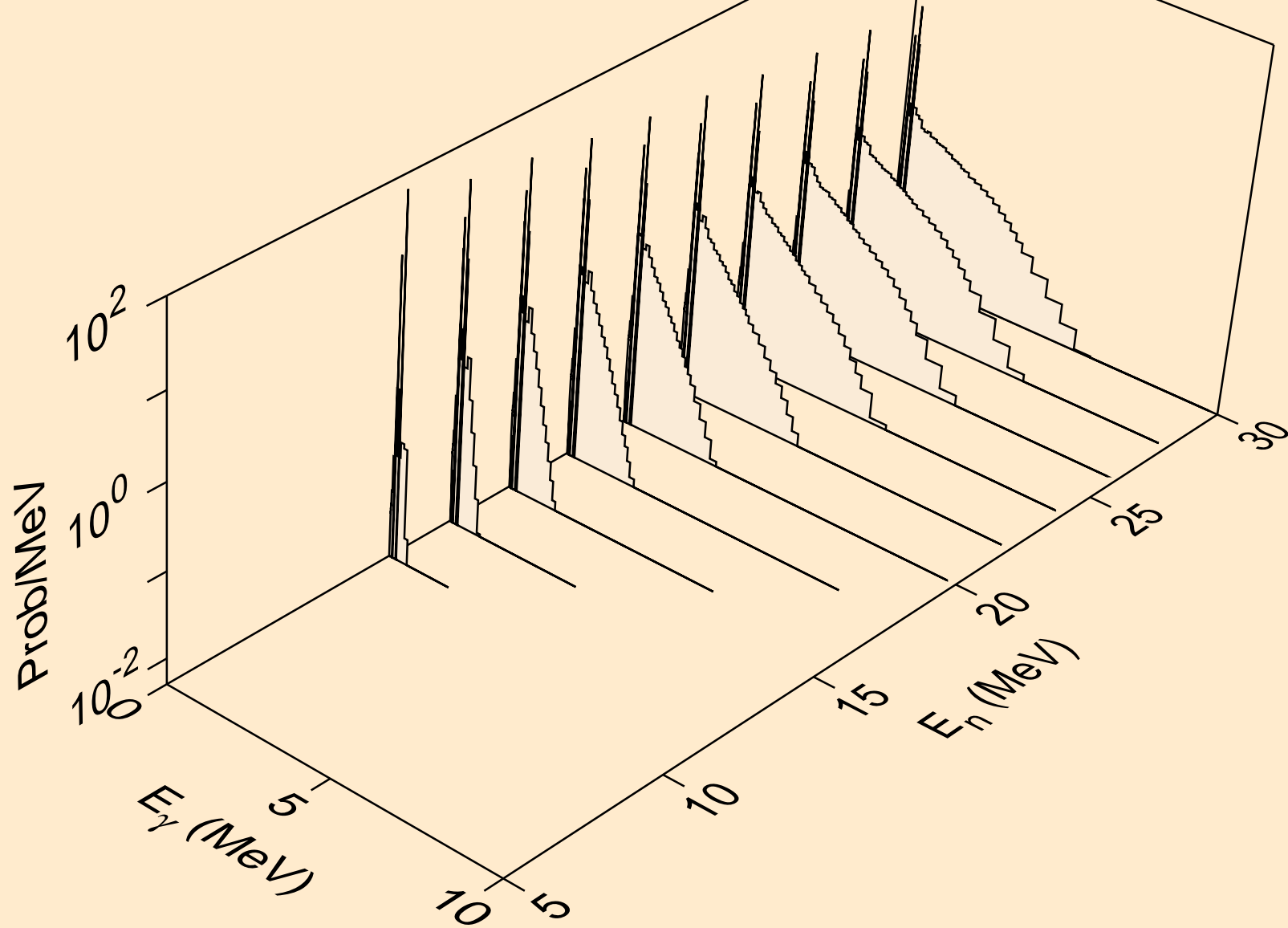
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Photon emission for (n,2p)



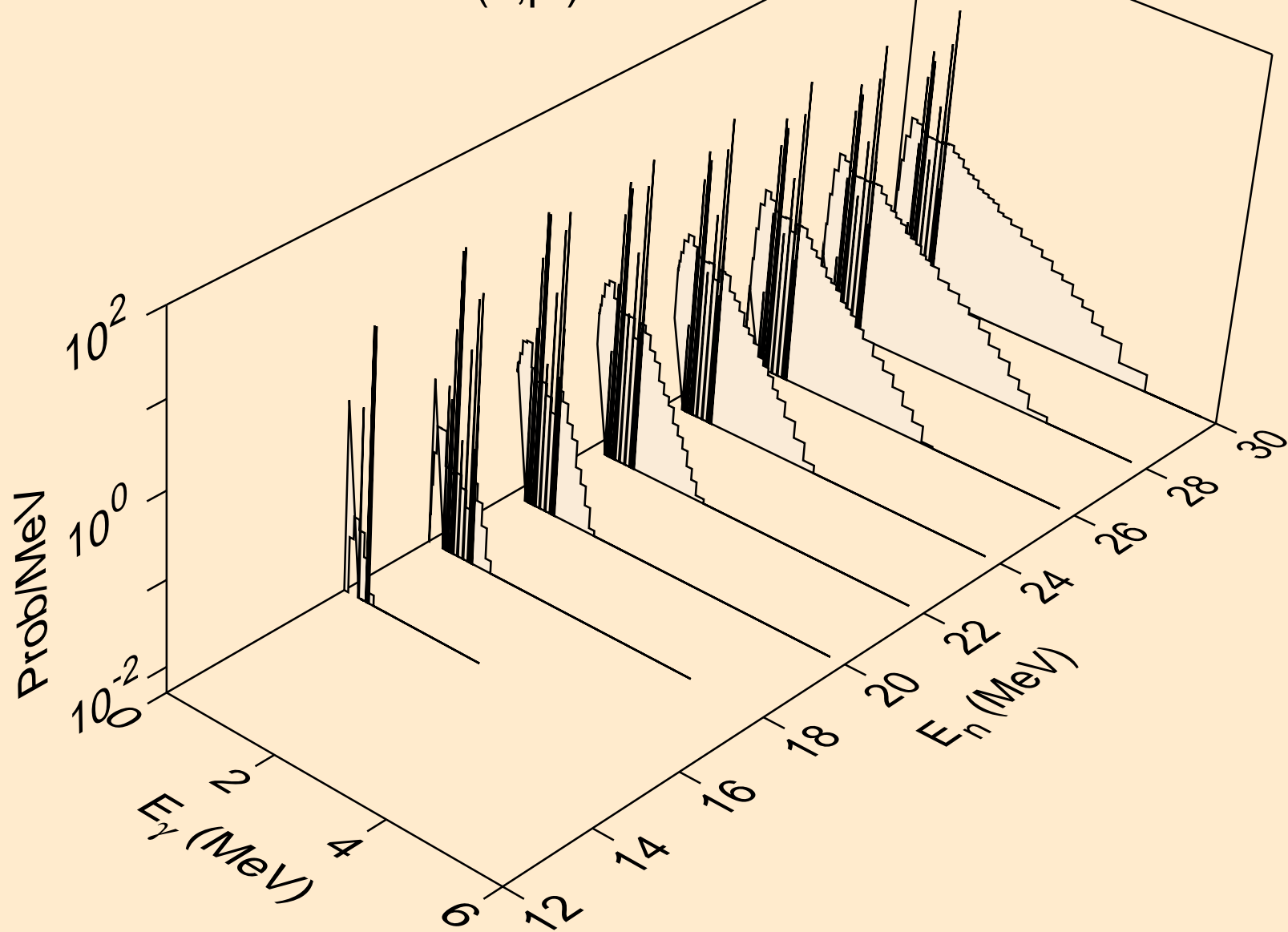
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Photon emission for (n,p $\alpha$ )



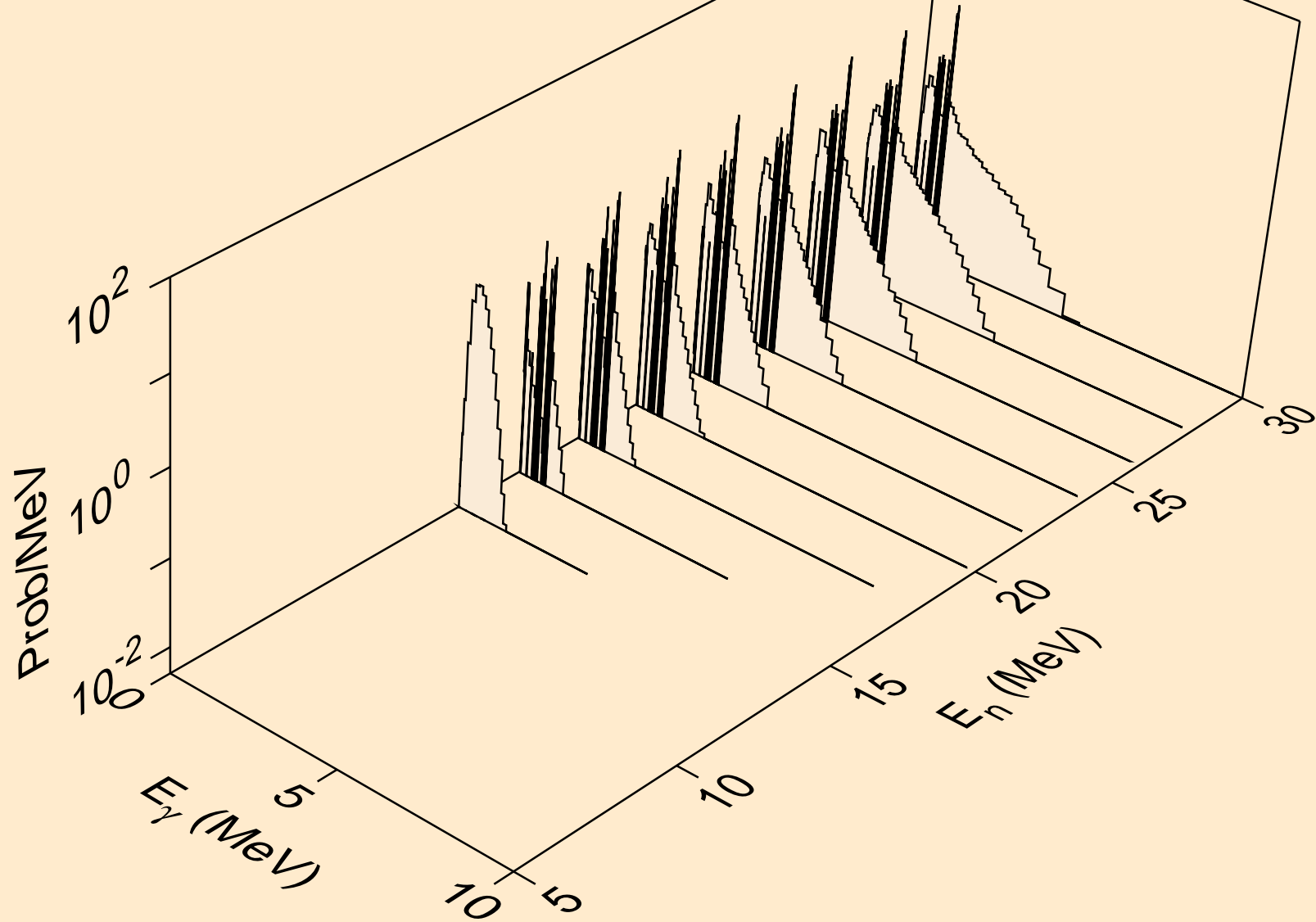
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

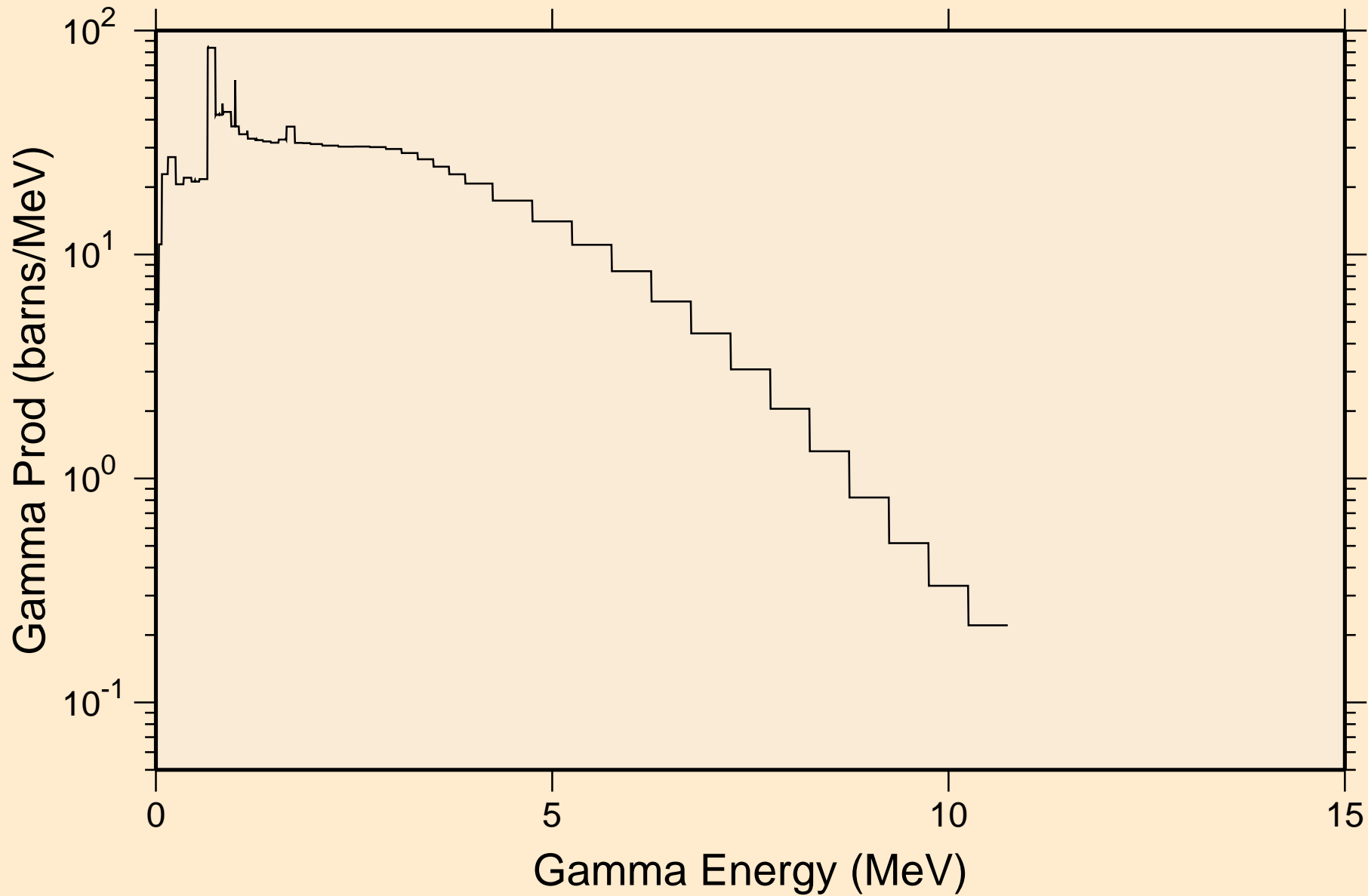


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

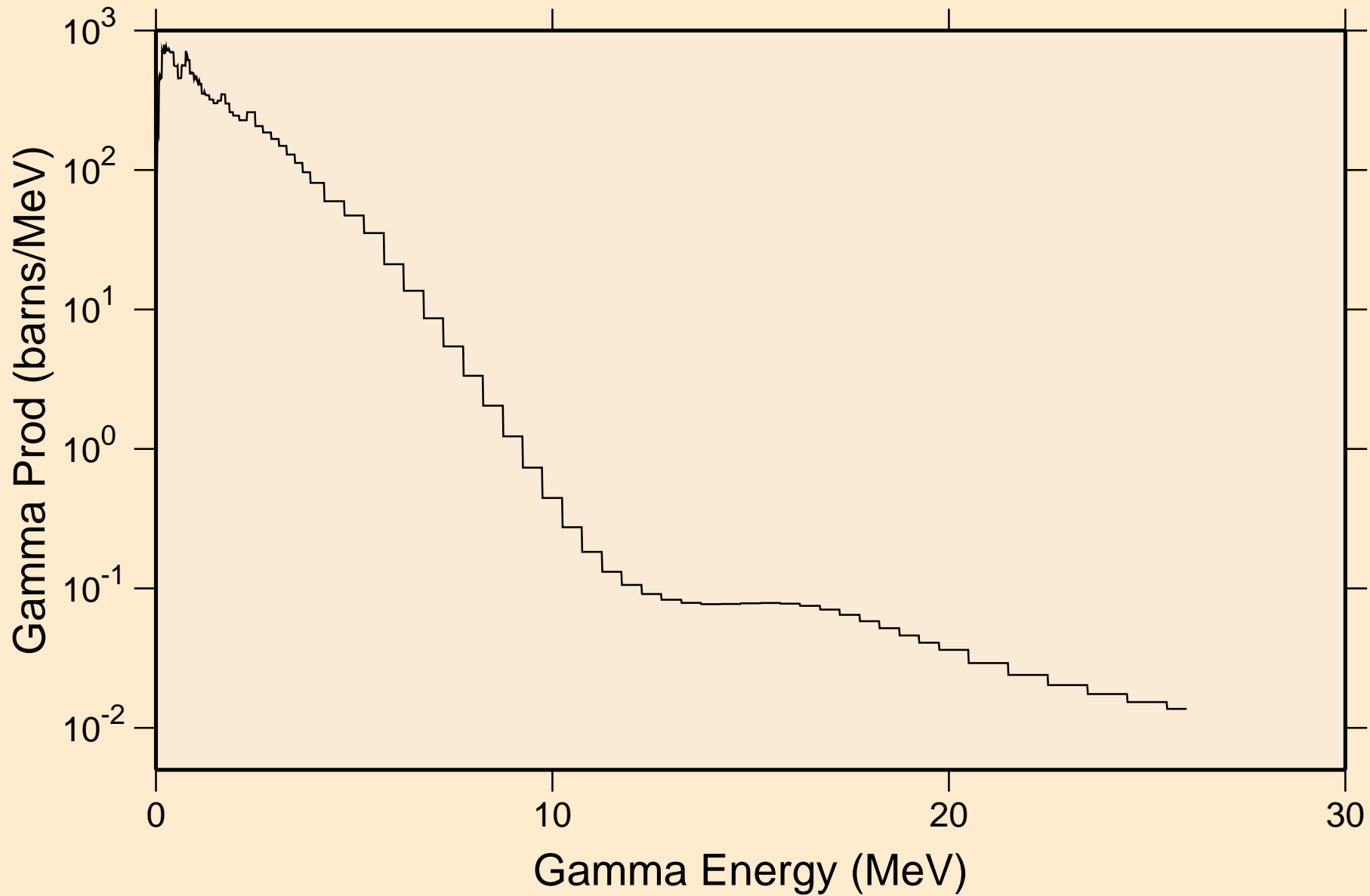




NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

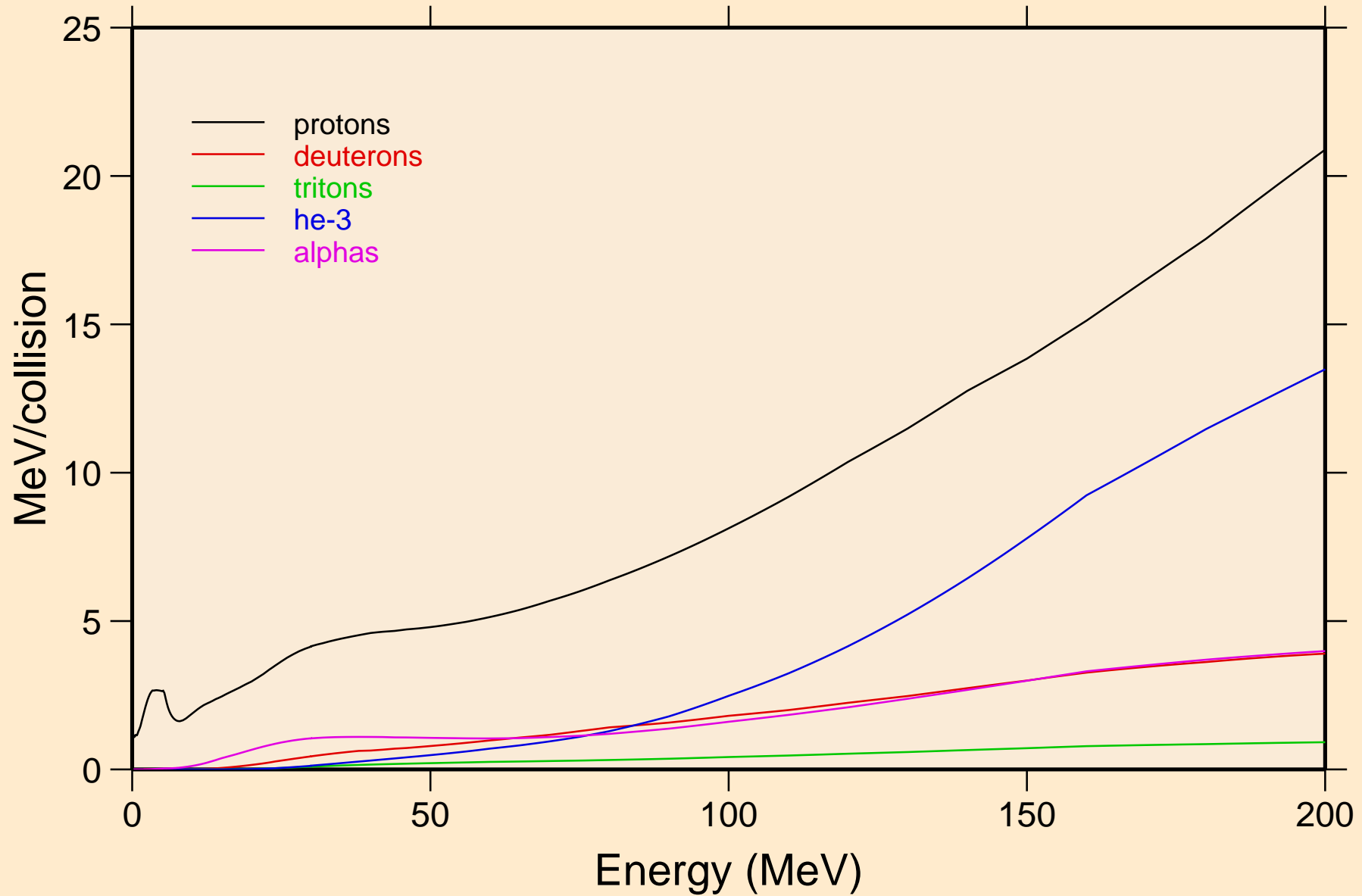


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

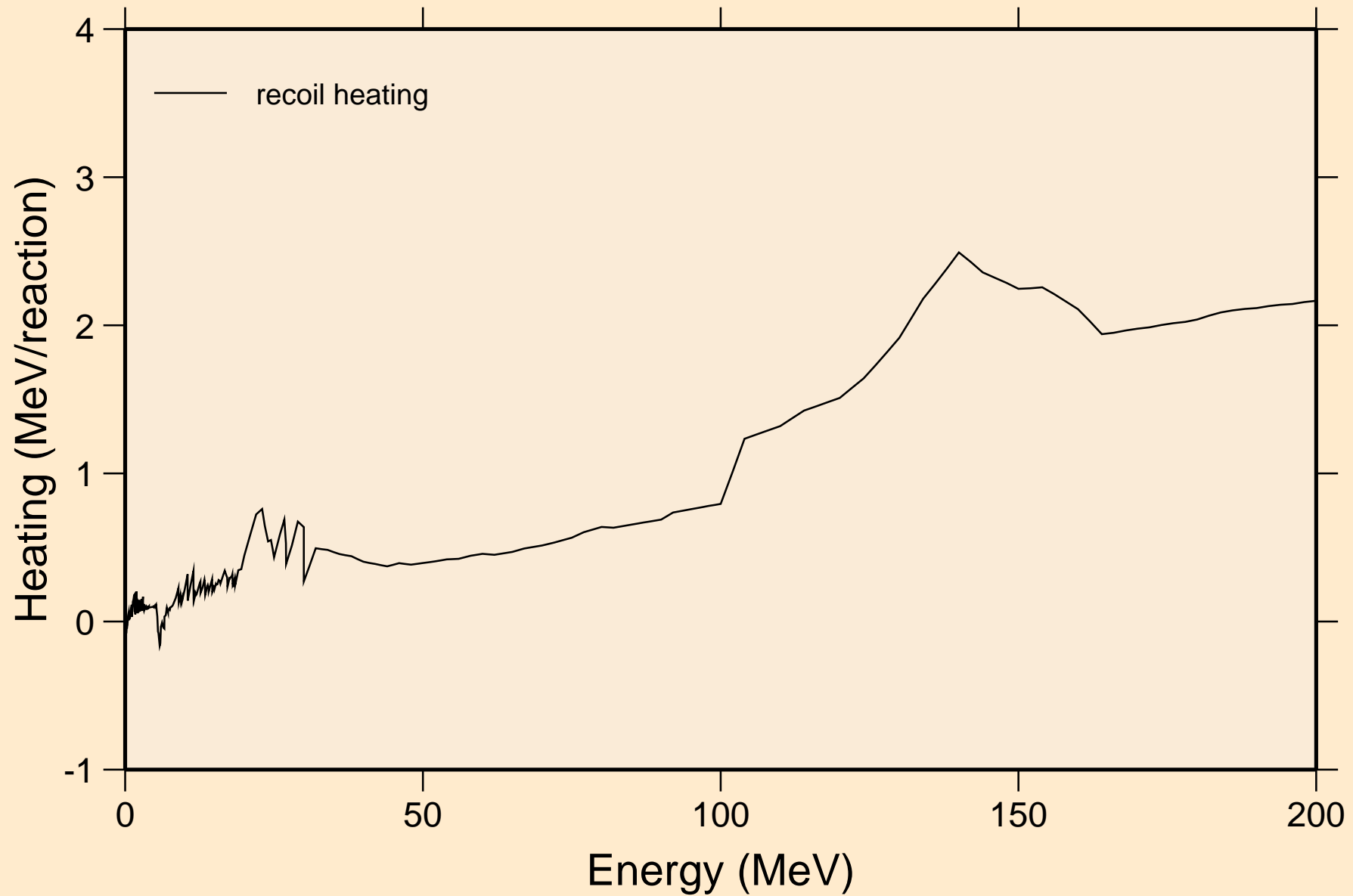


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

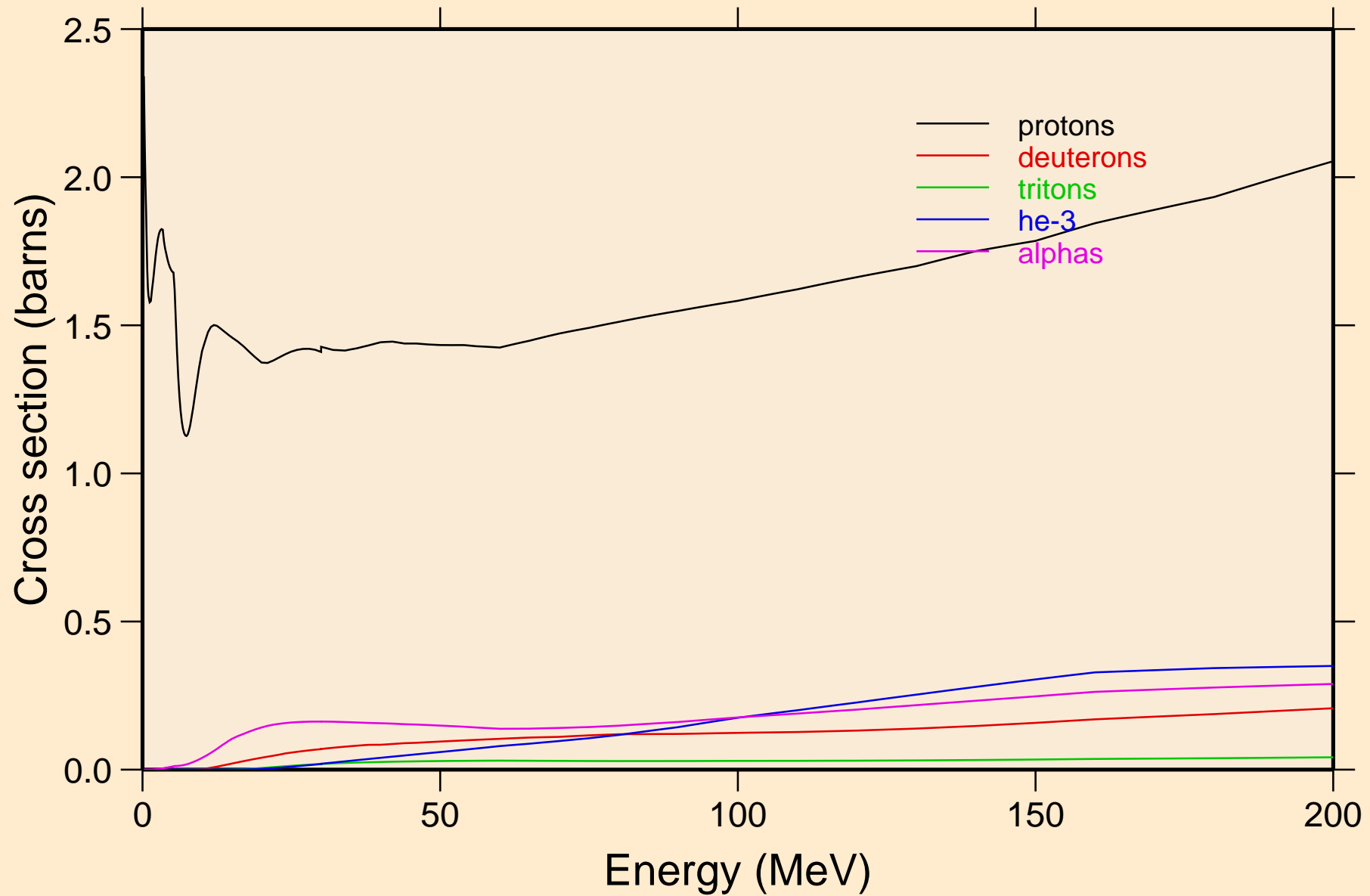


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

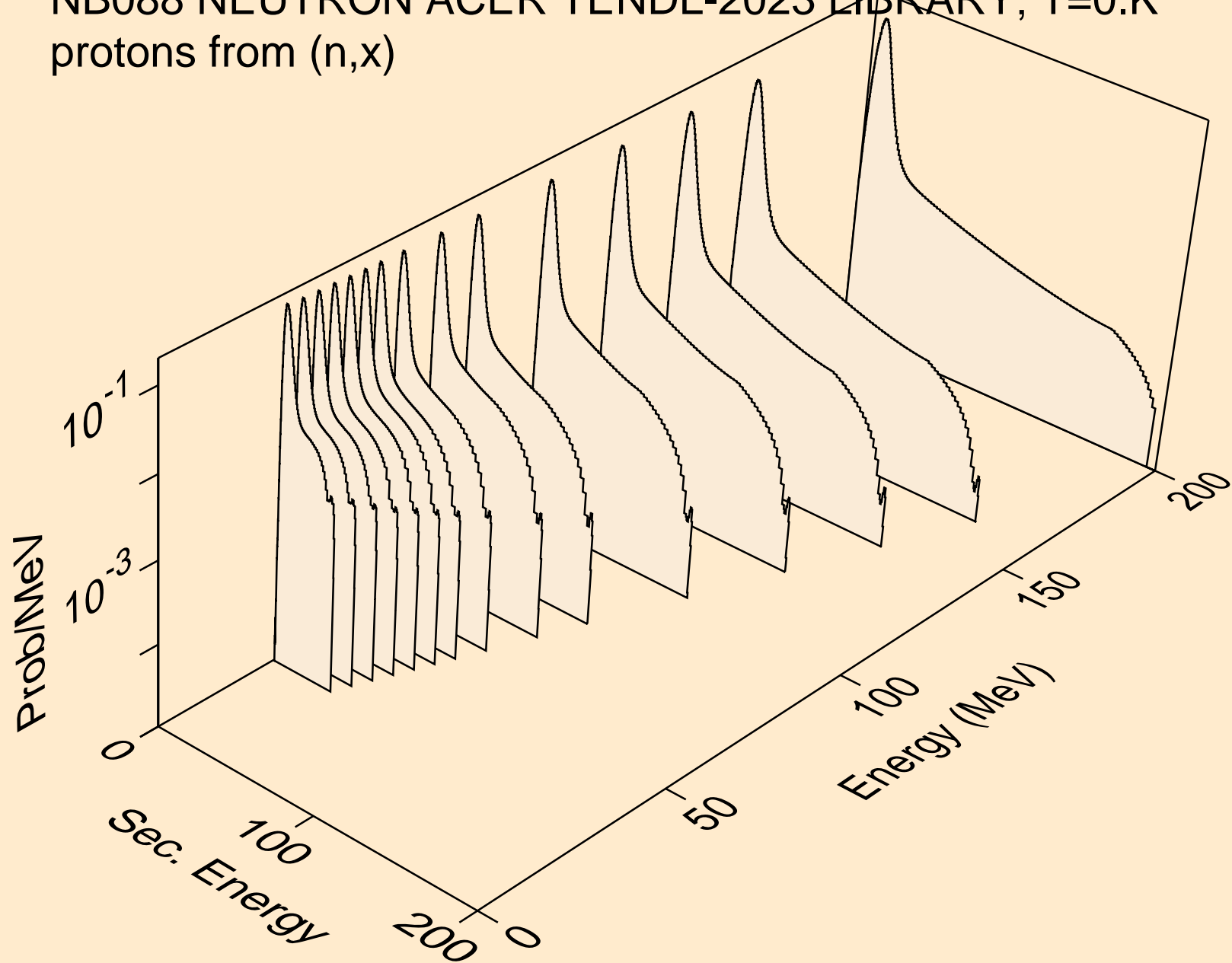


# NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

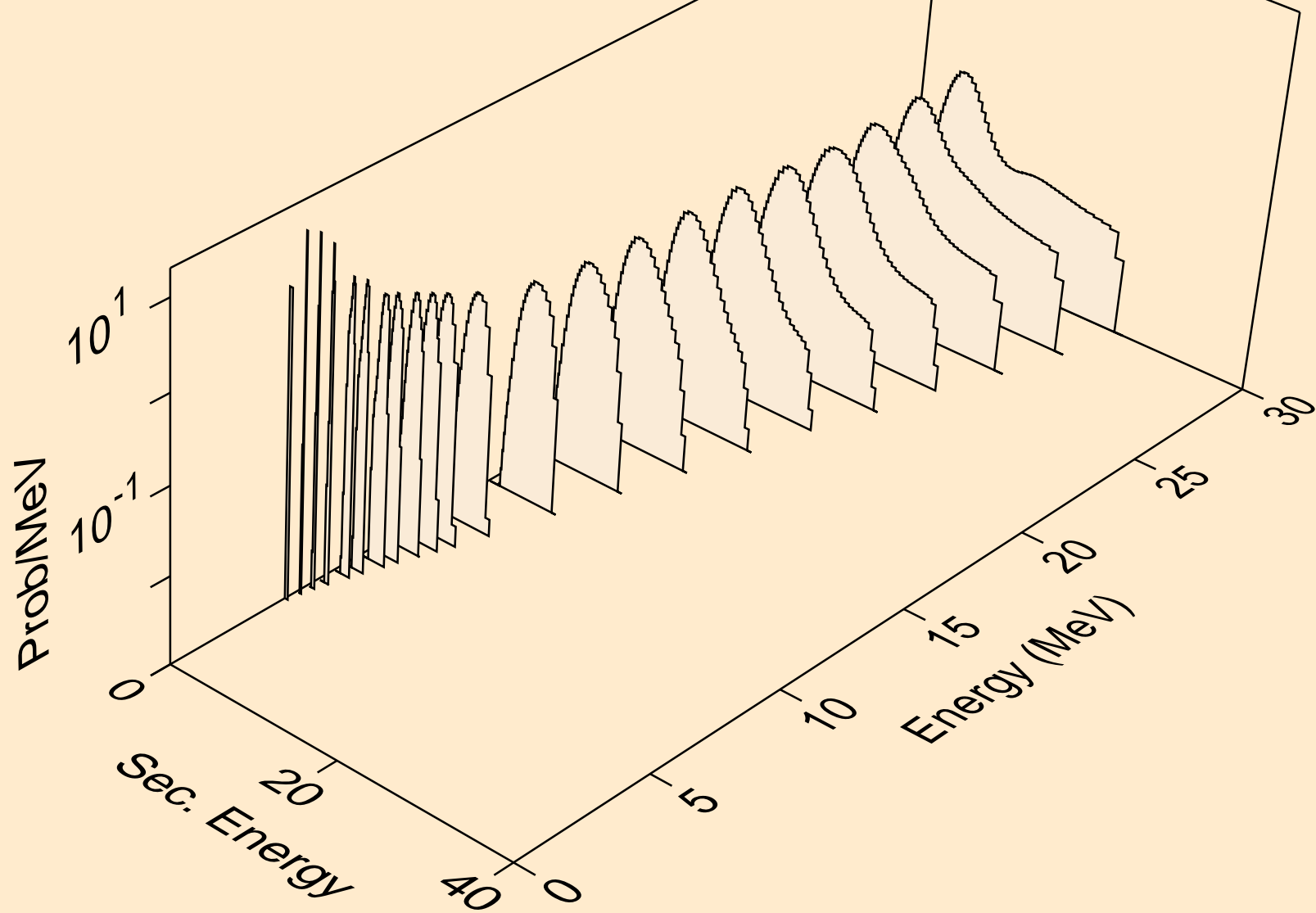
## Particle production cross sections



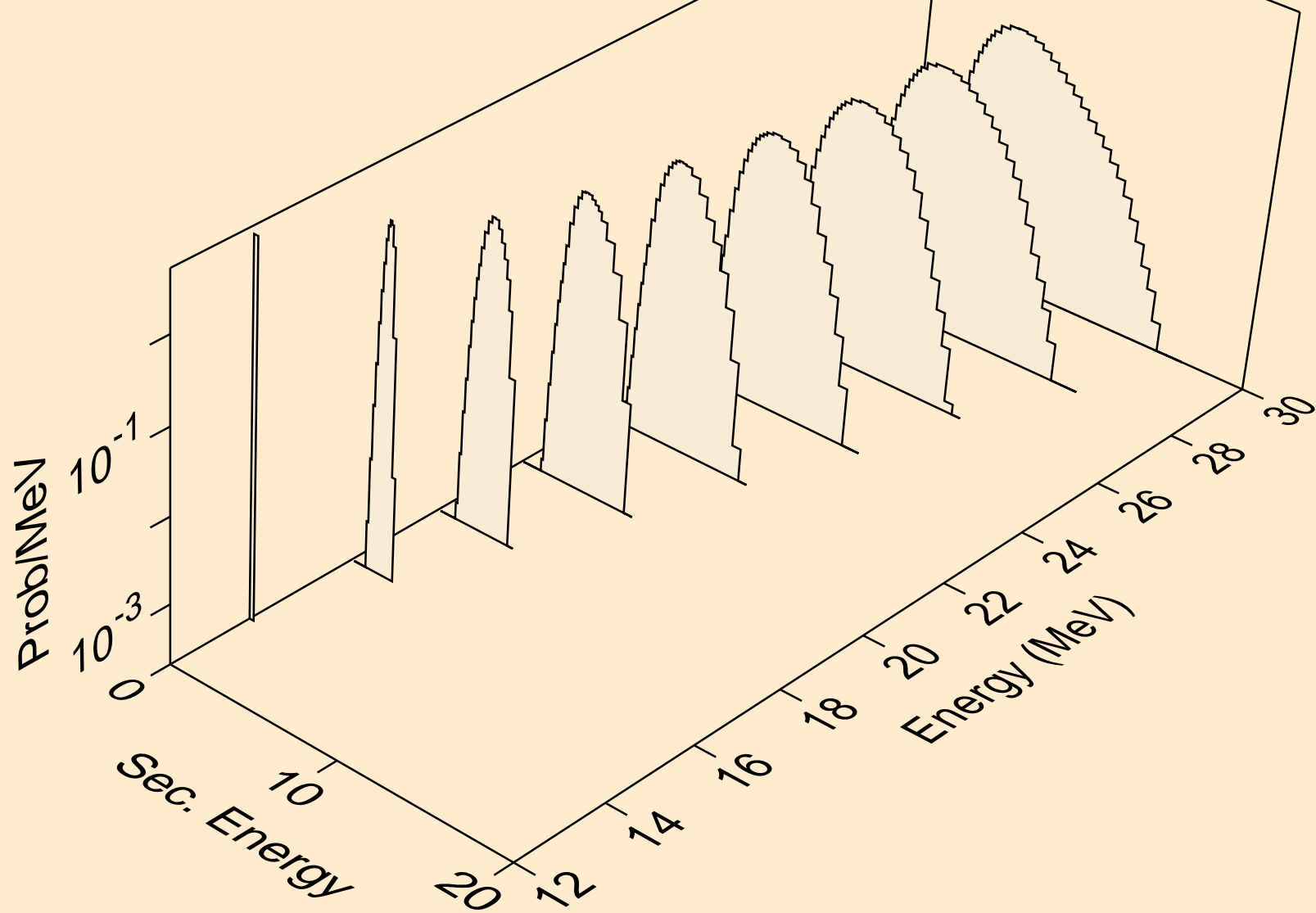
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

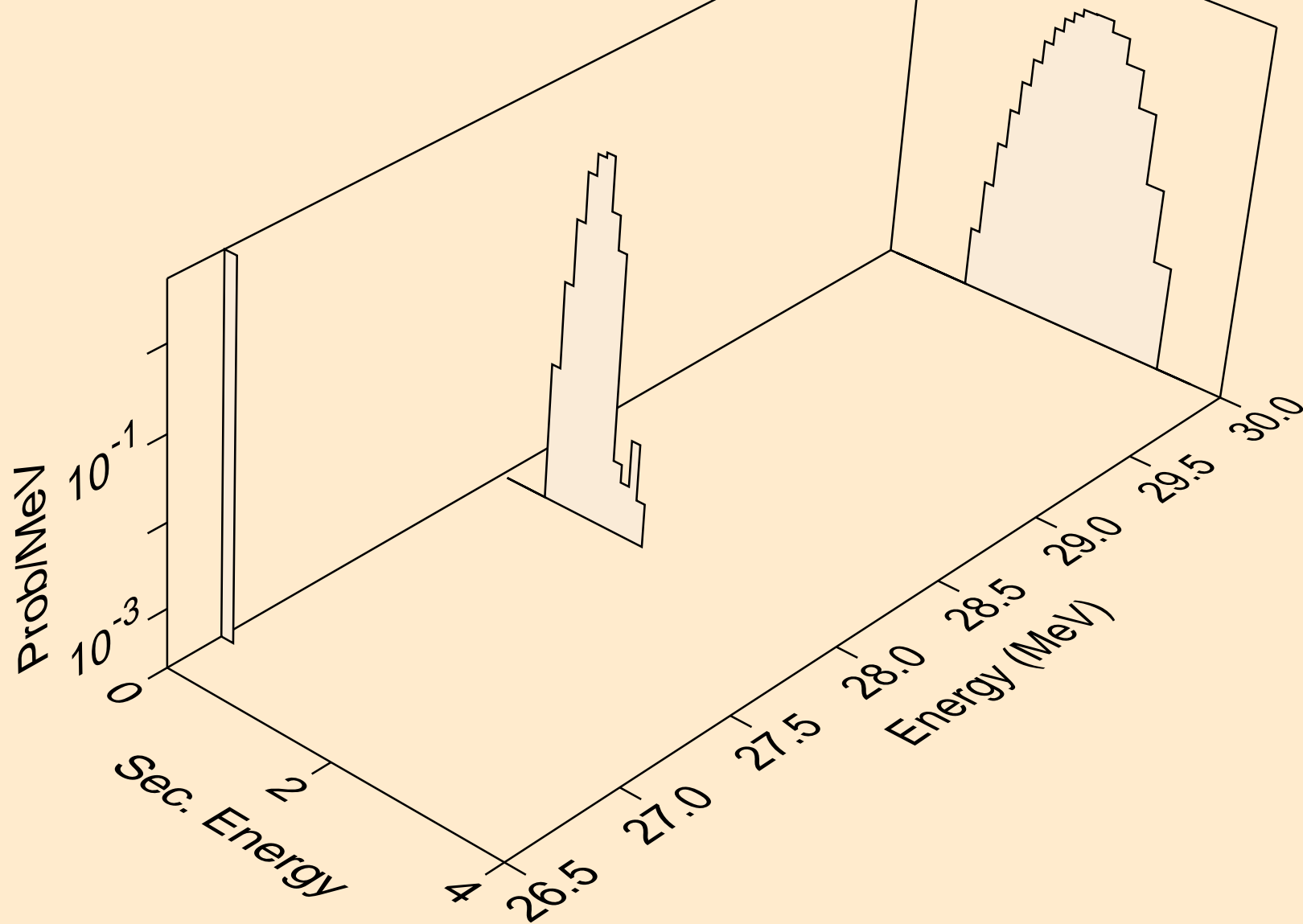


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protons from (n,2np)

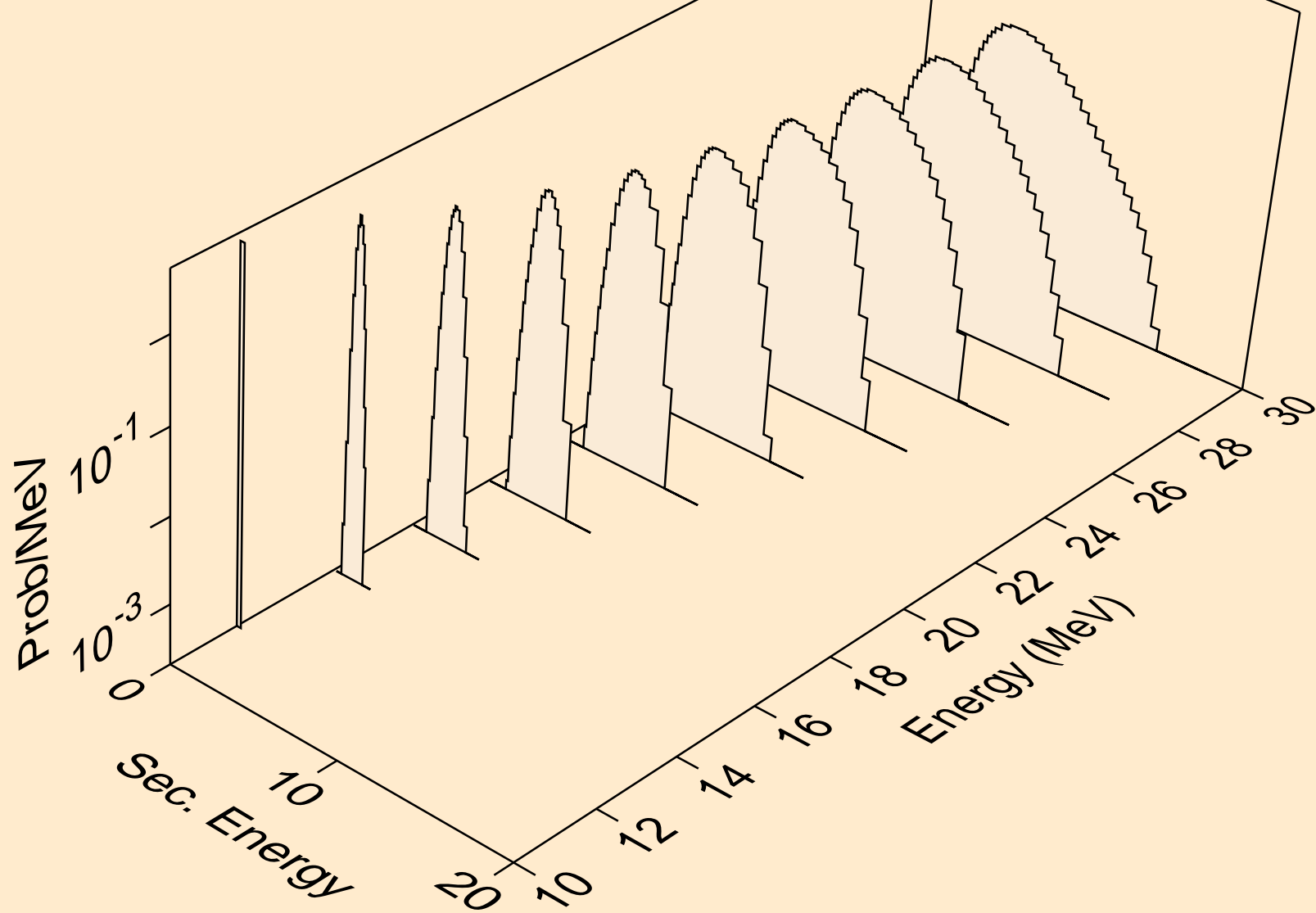




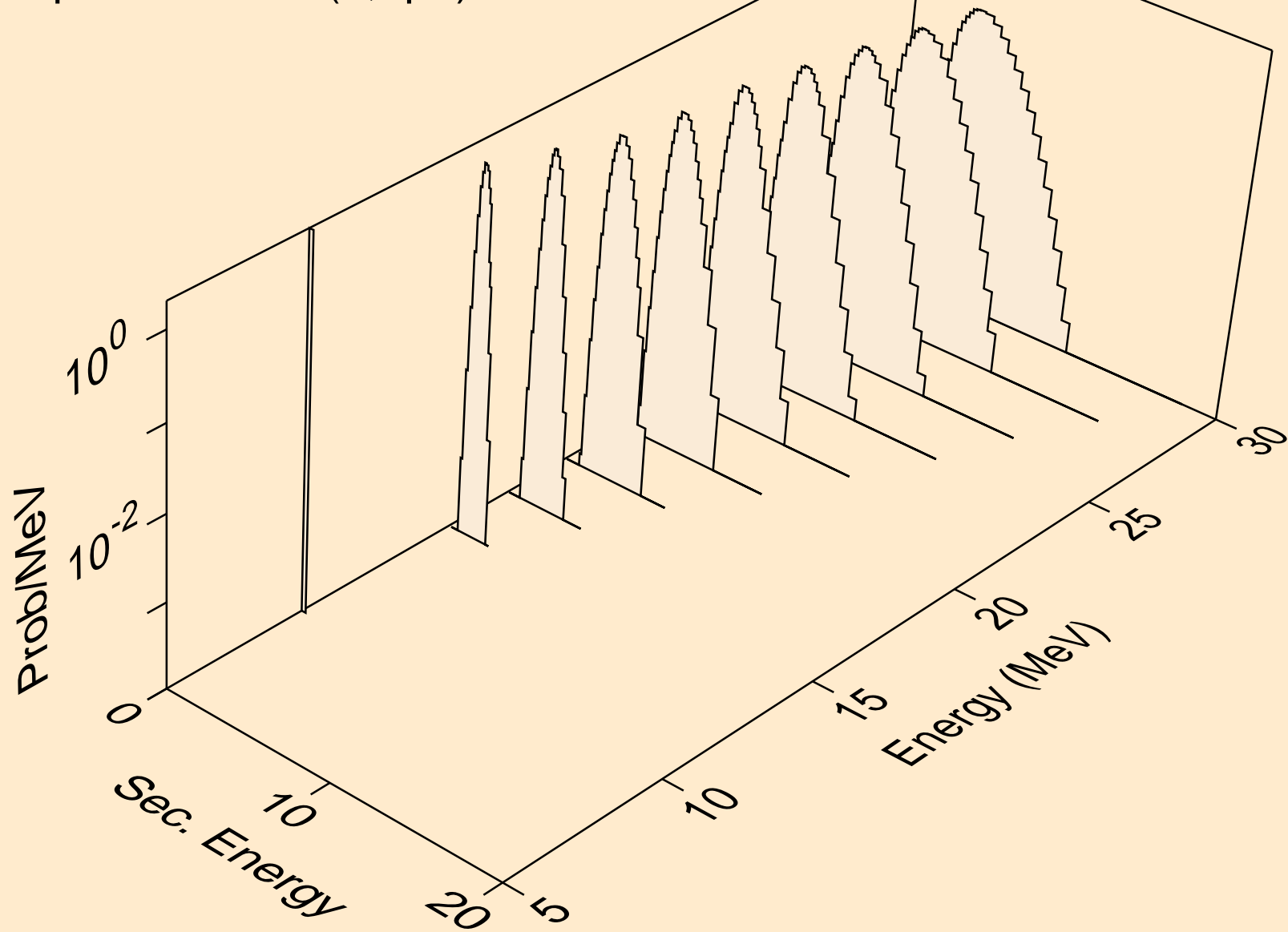
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protons from (n,3np)



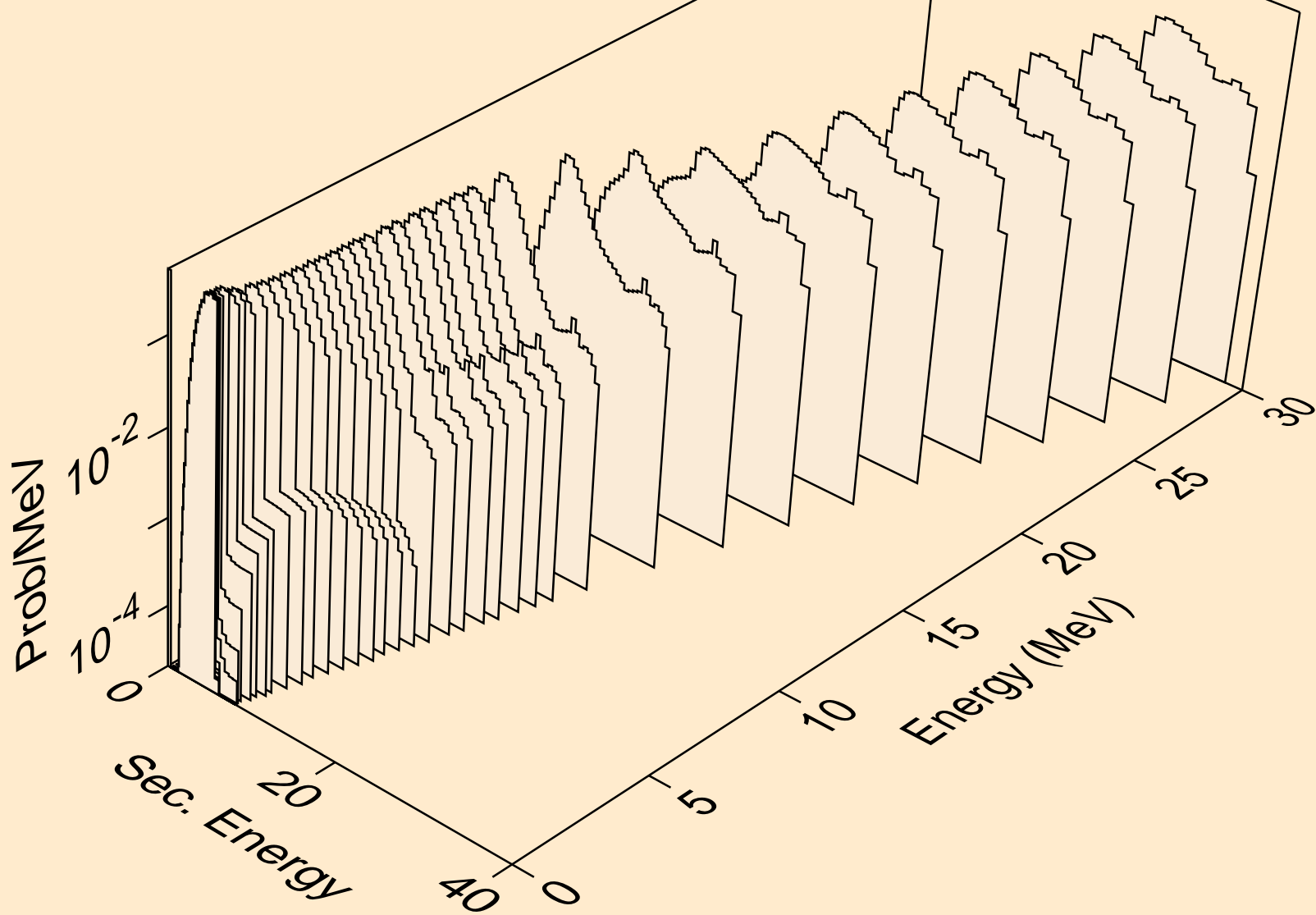
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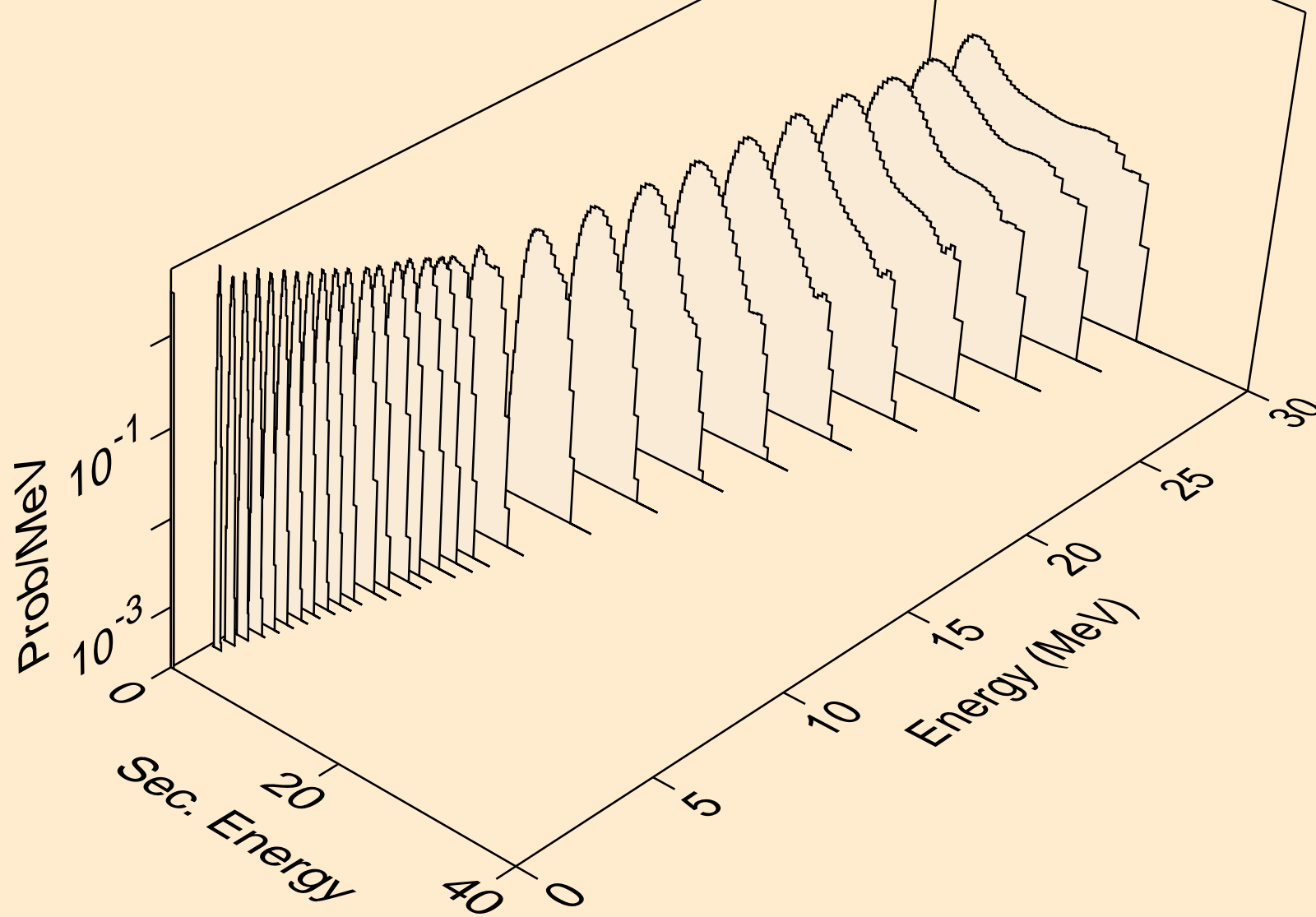
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protons from (n,npa)



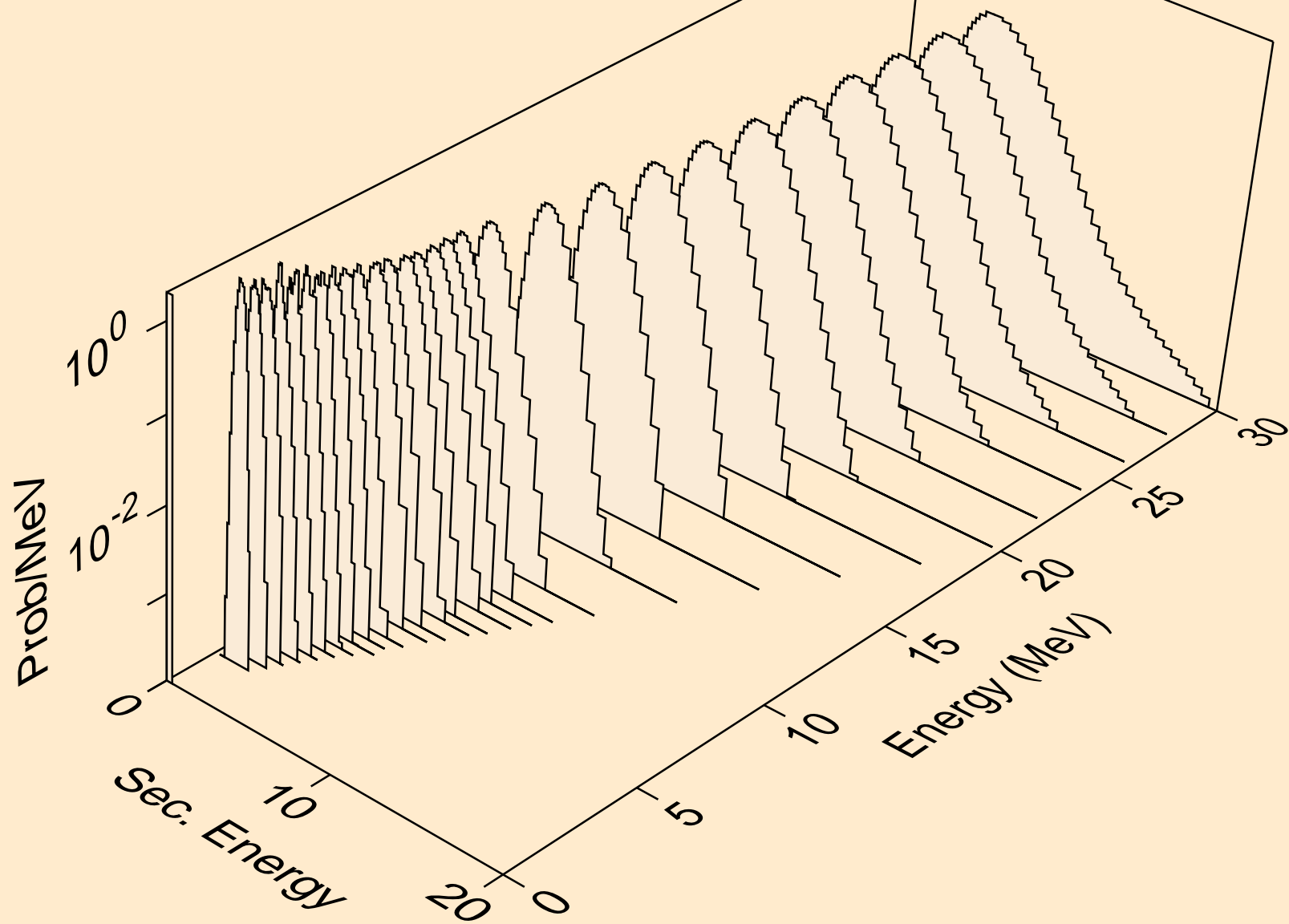
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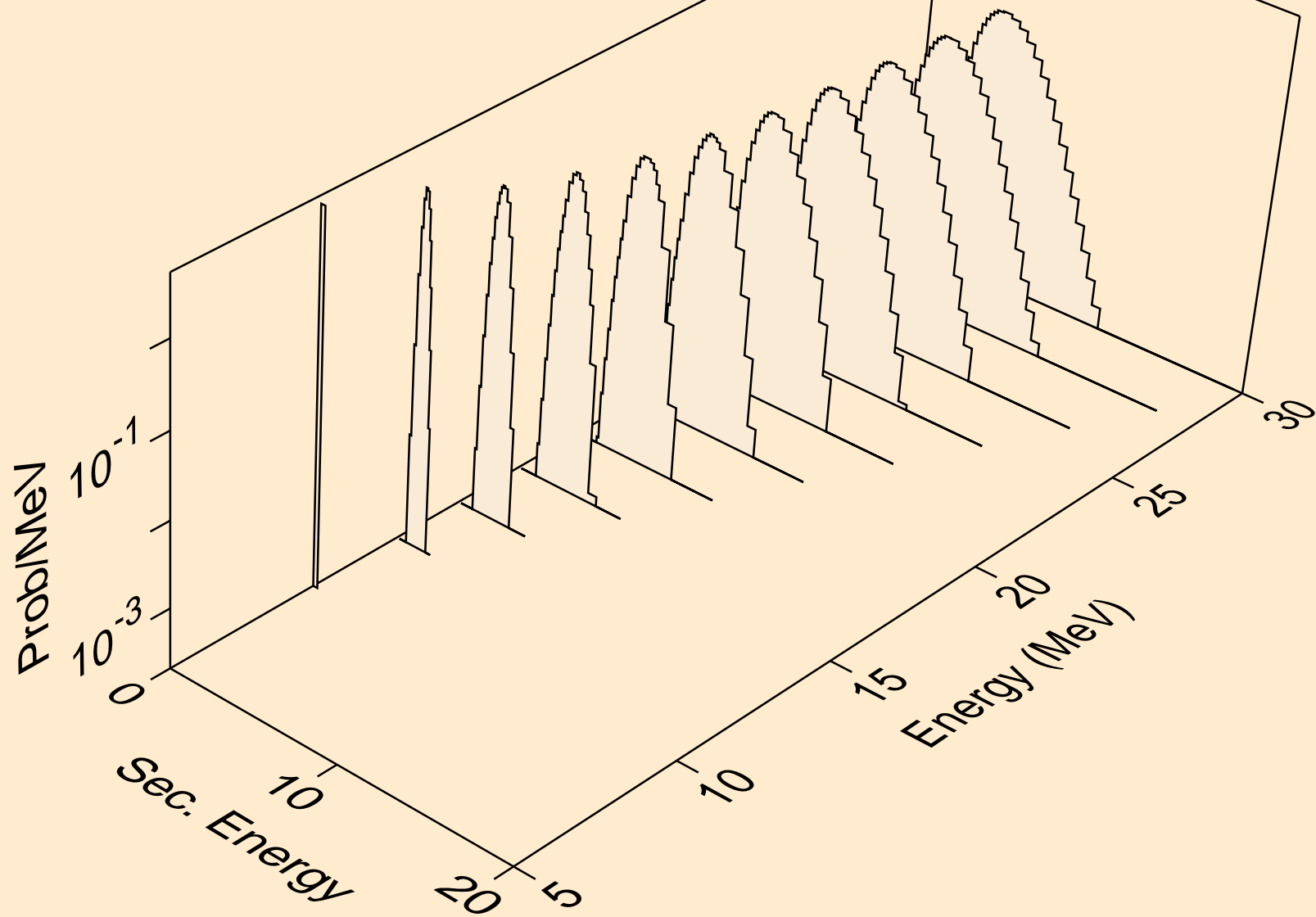
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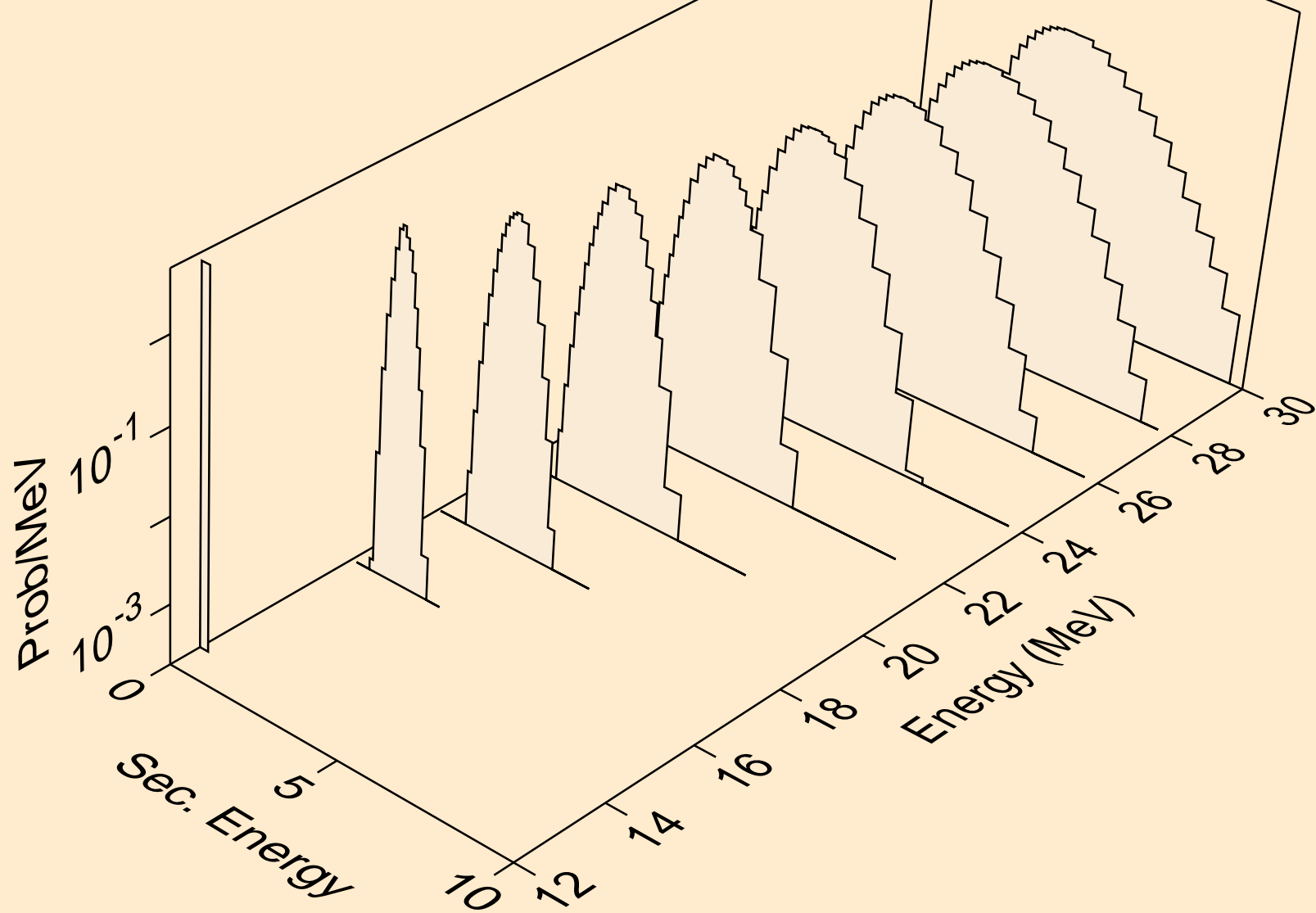
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protons from (n,p)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)

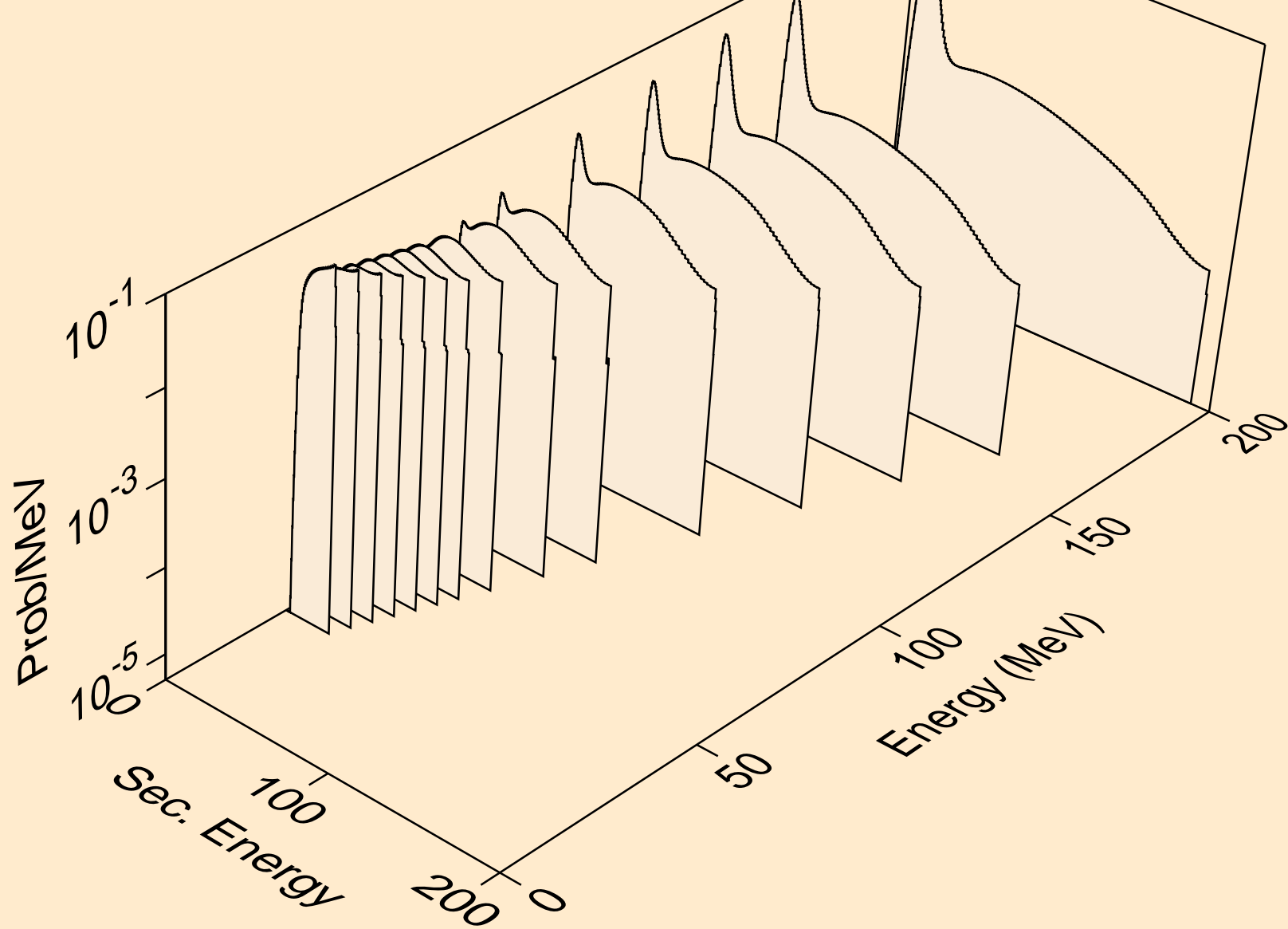


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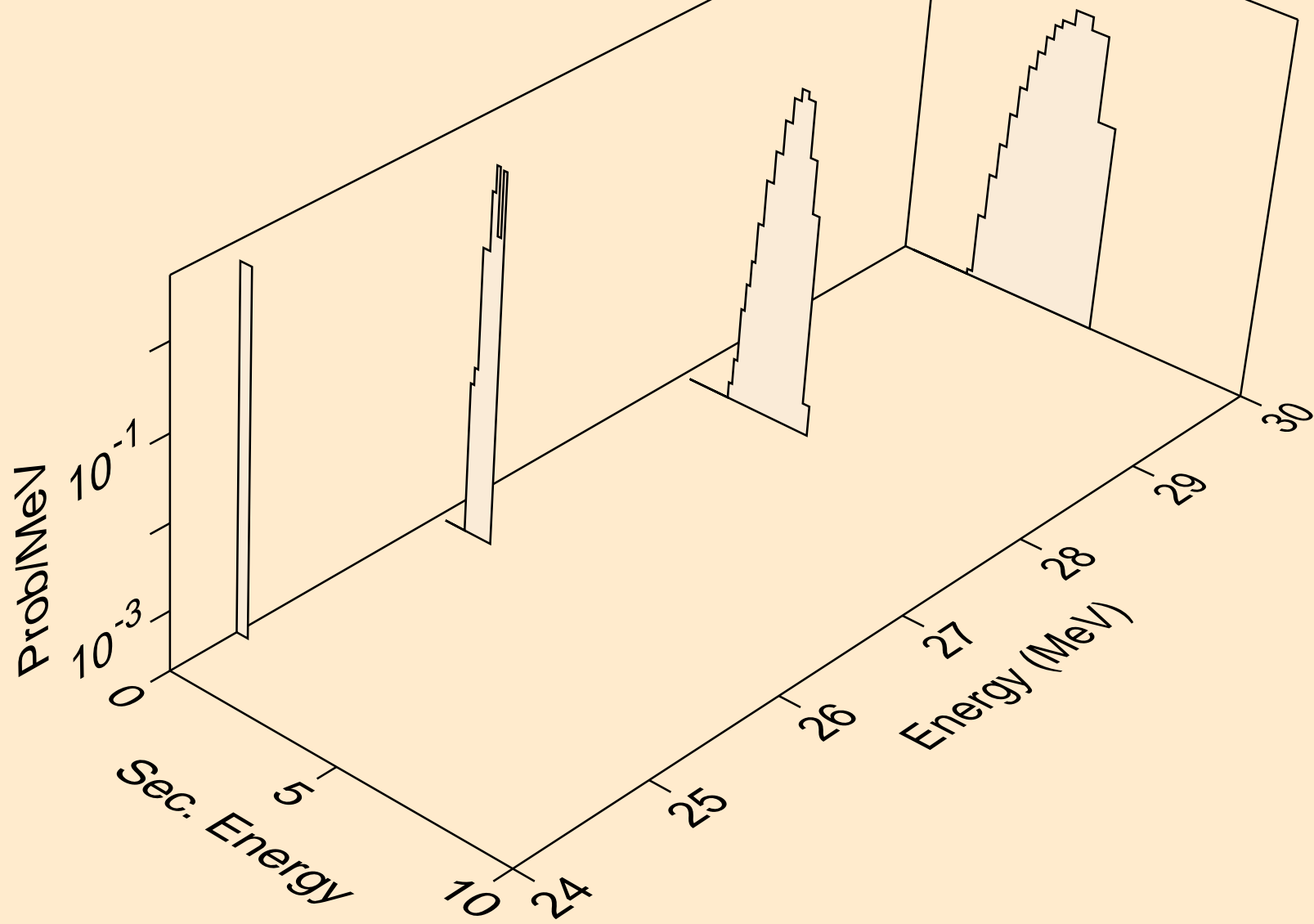




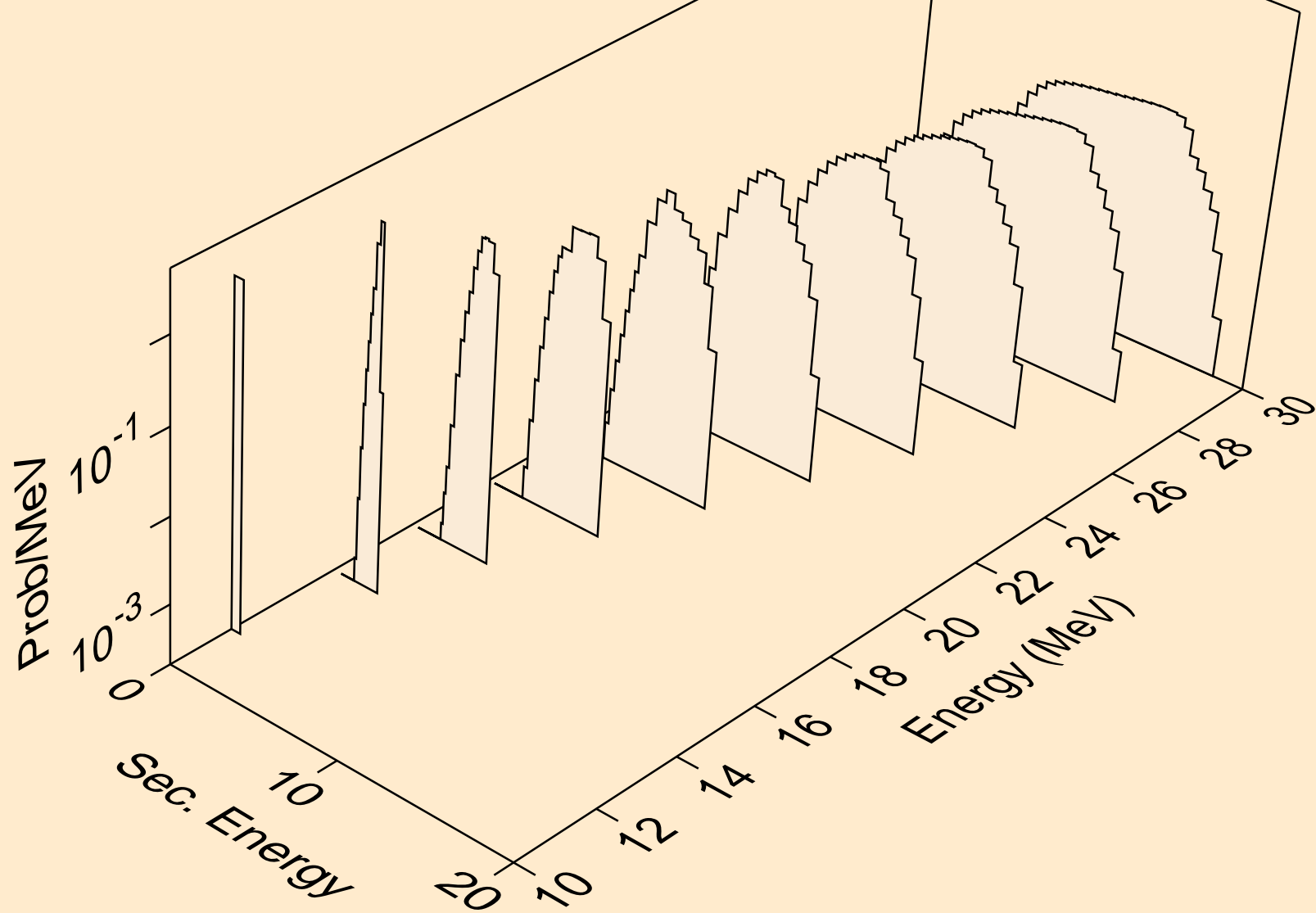
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deuterons from (n,x)



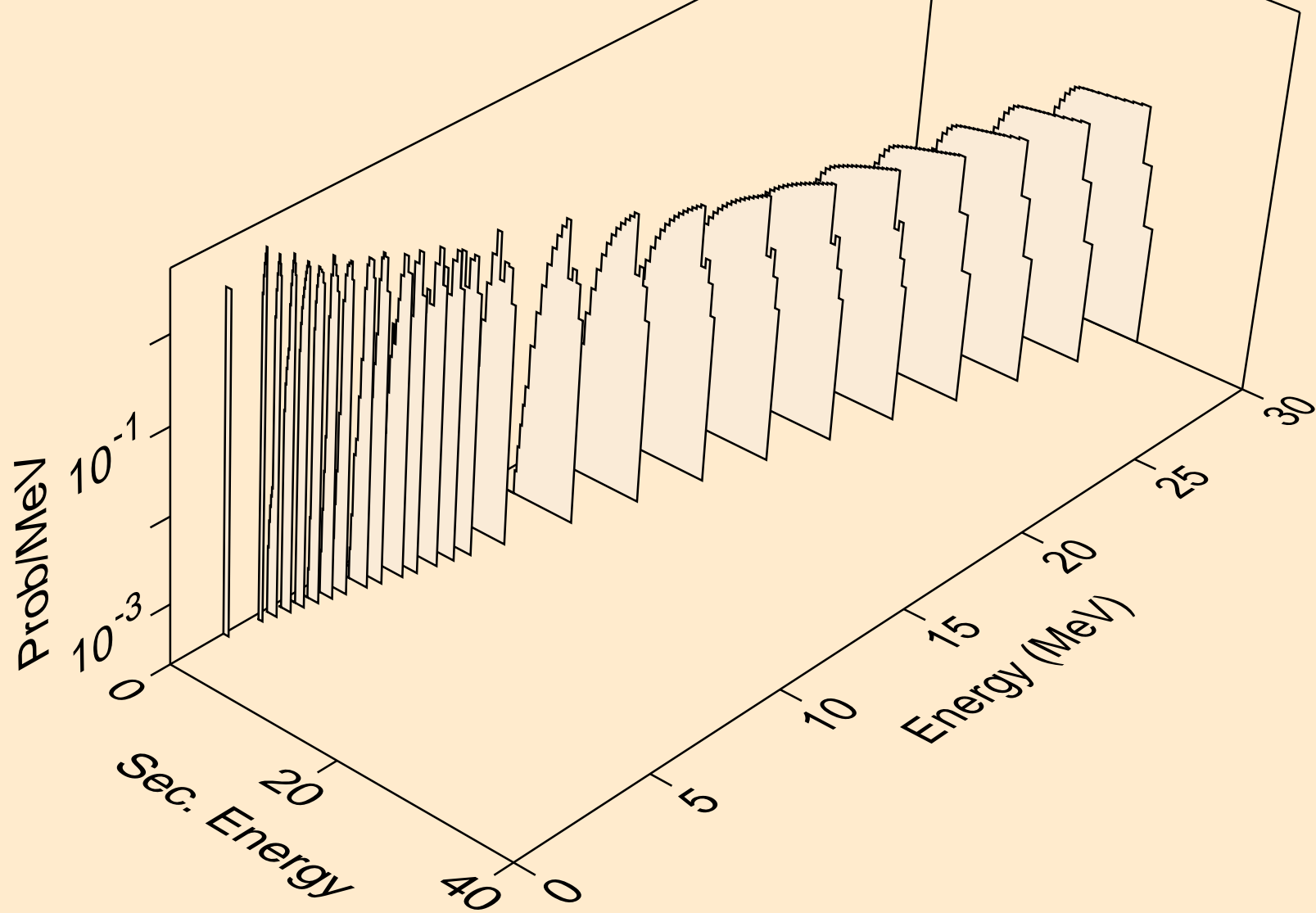
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deuterons from (n,2nd)



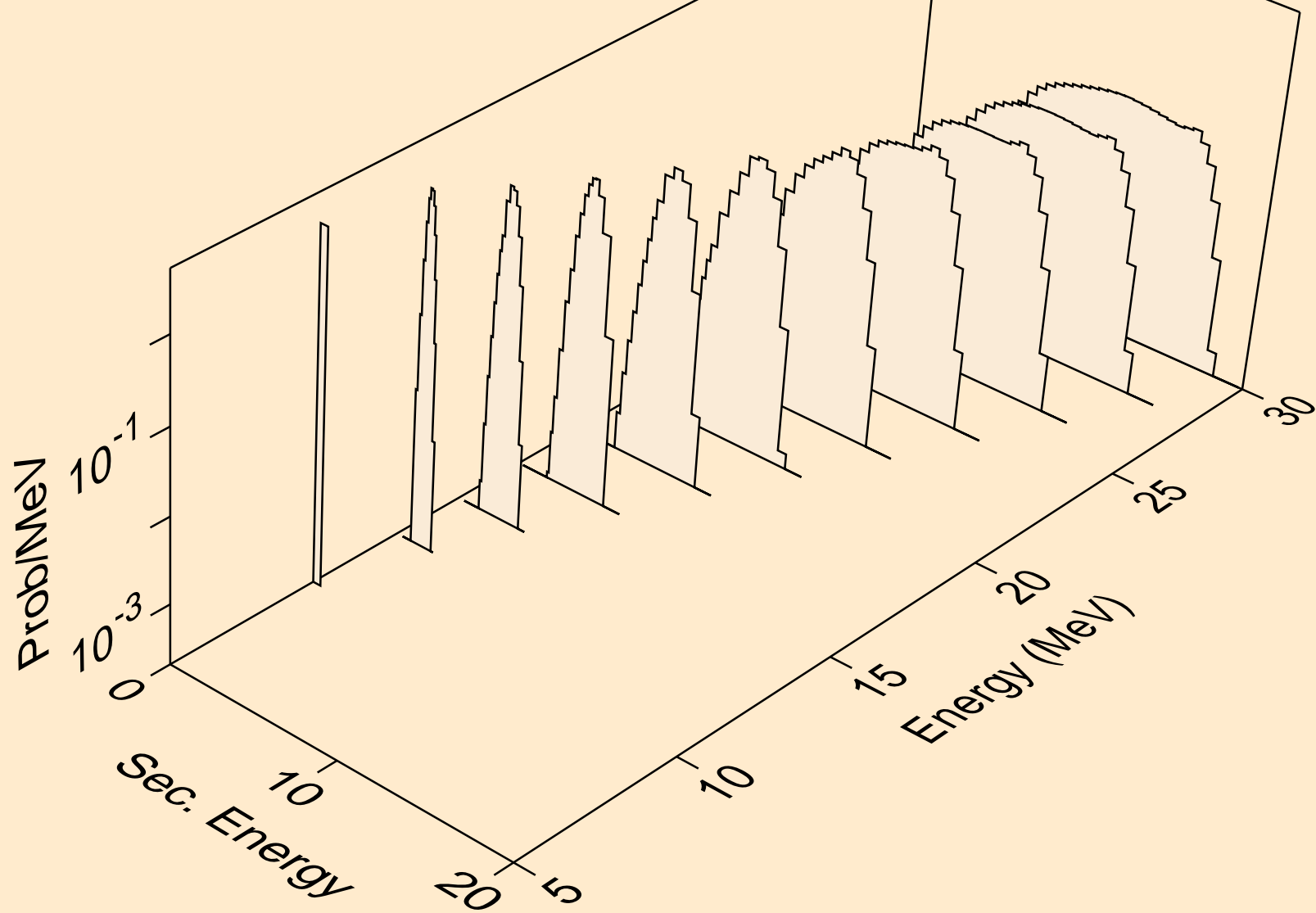
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



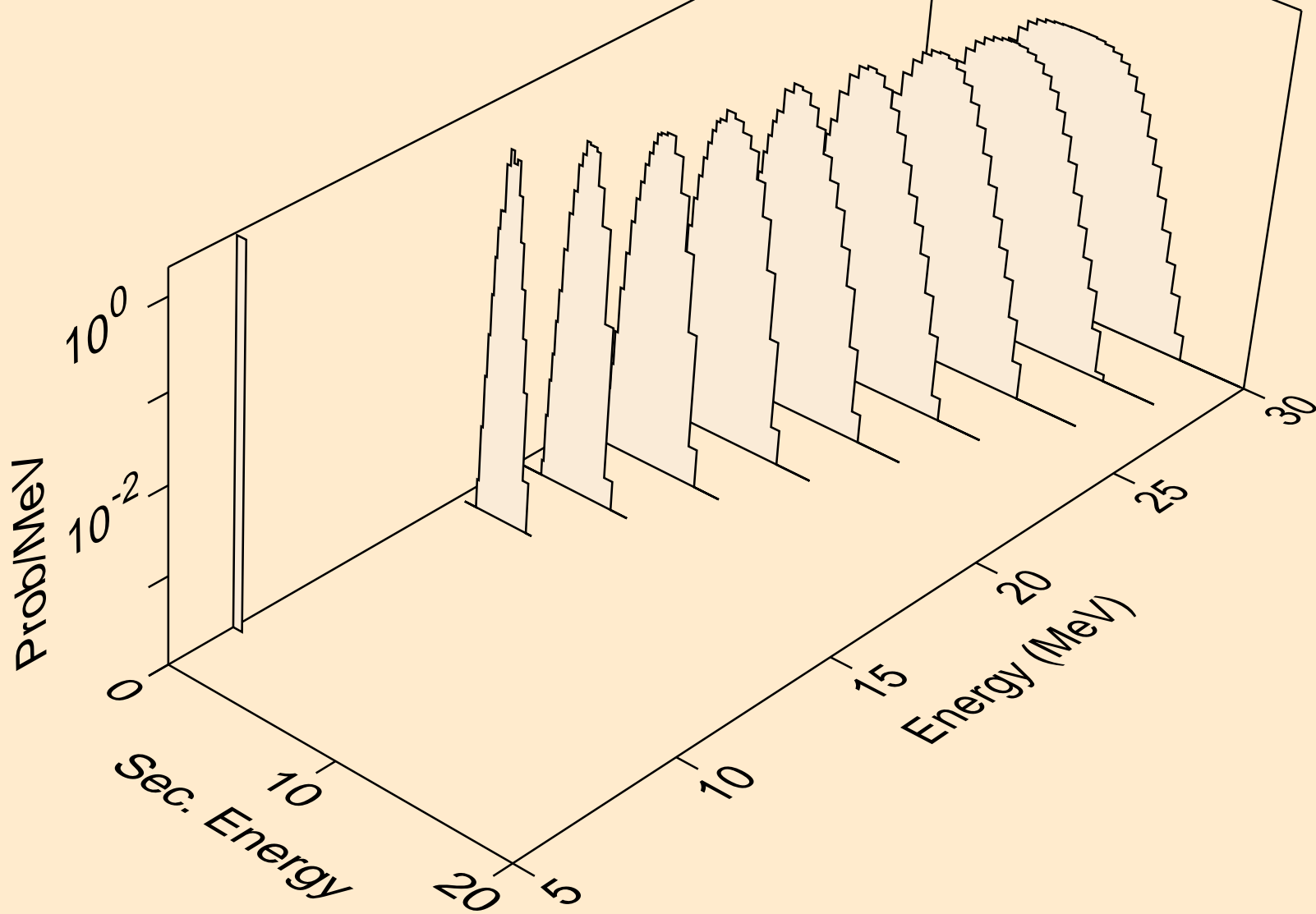
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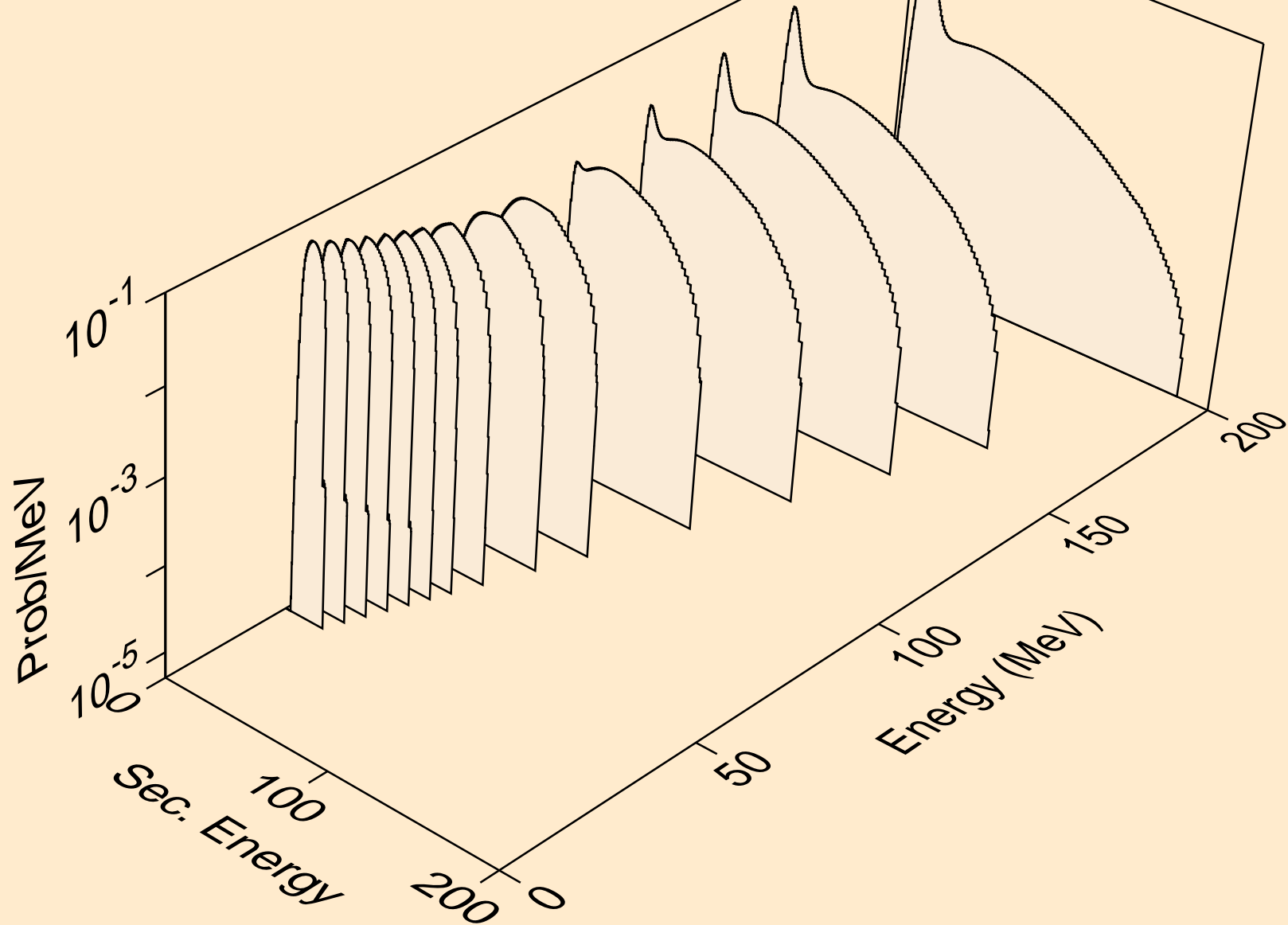
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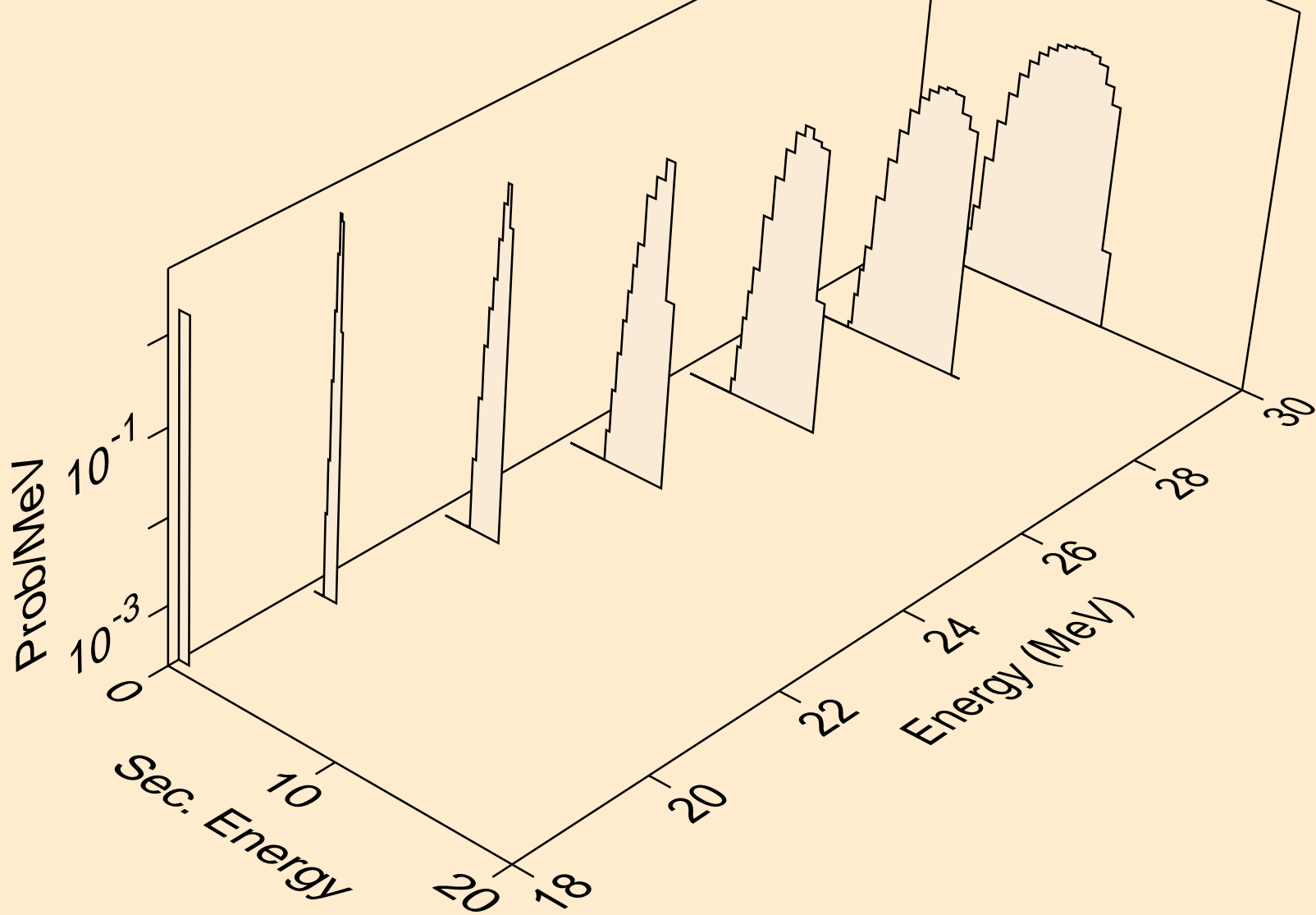
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

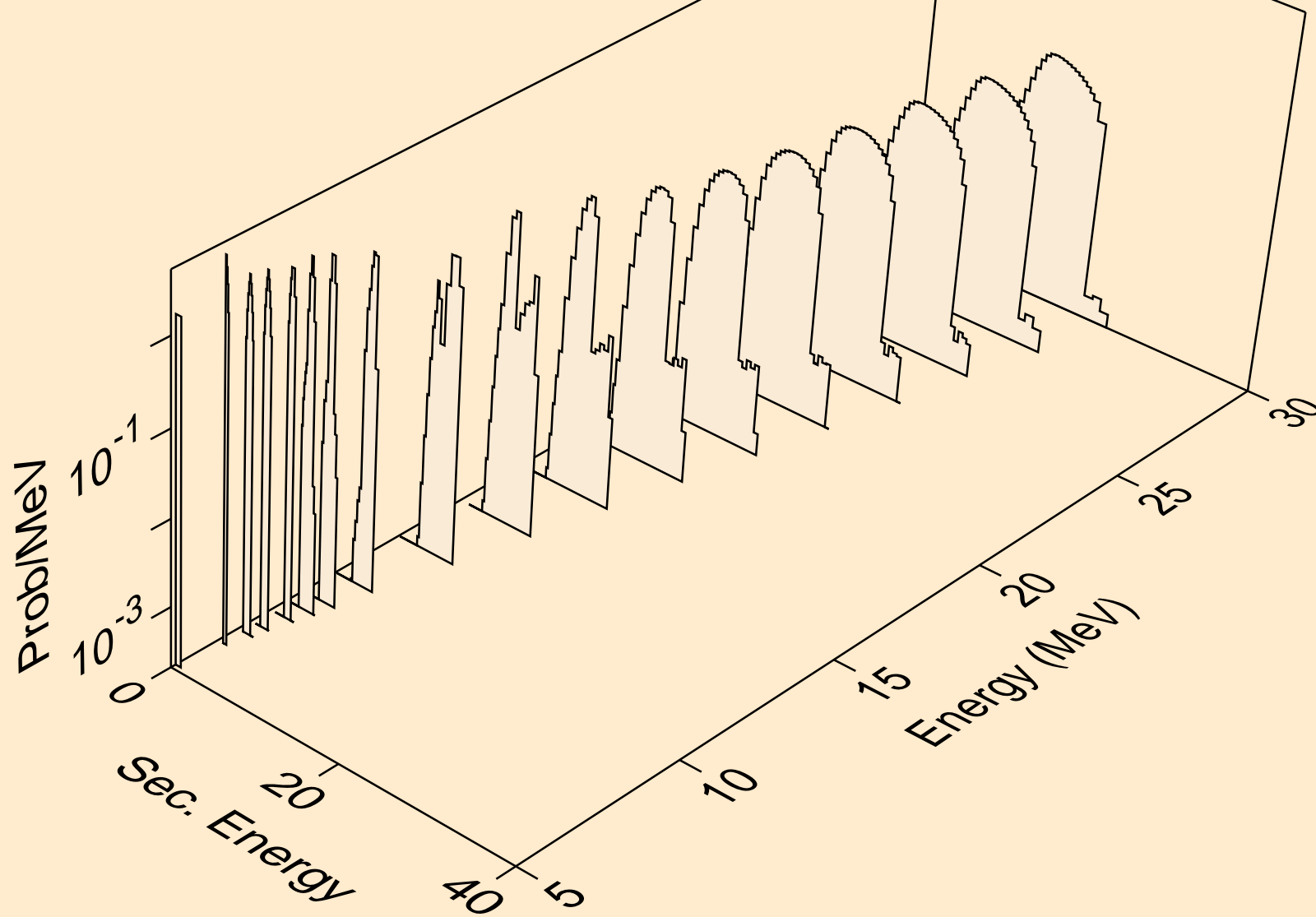


NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

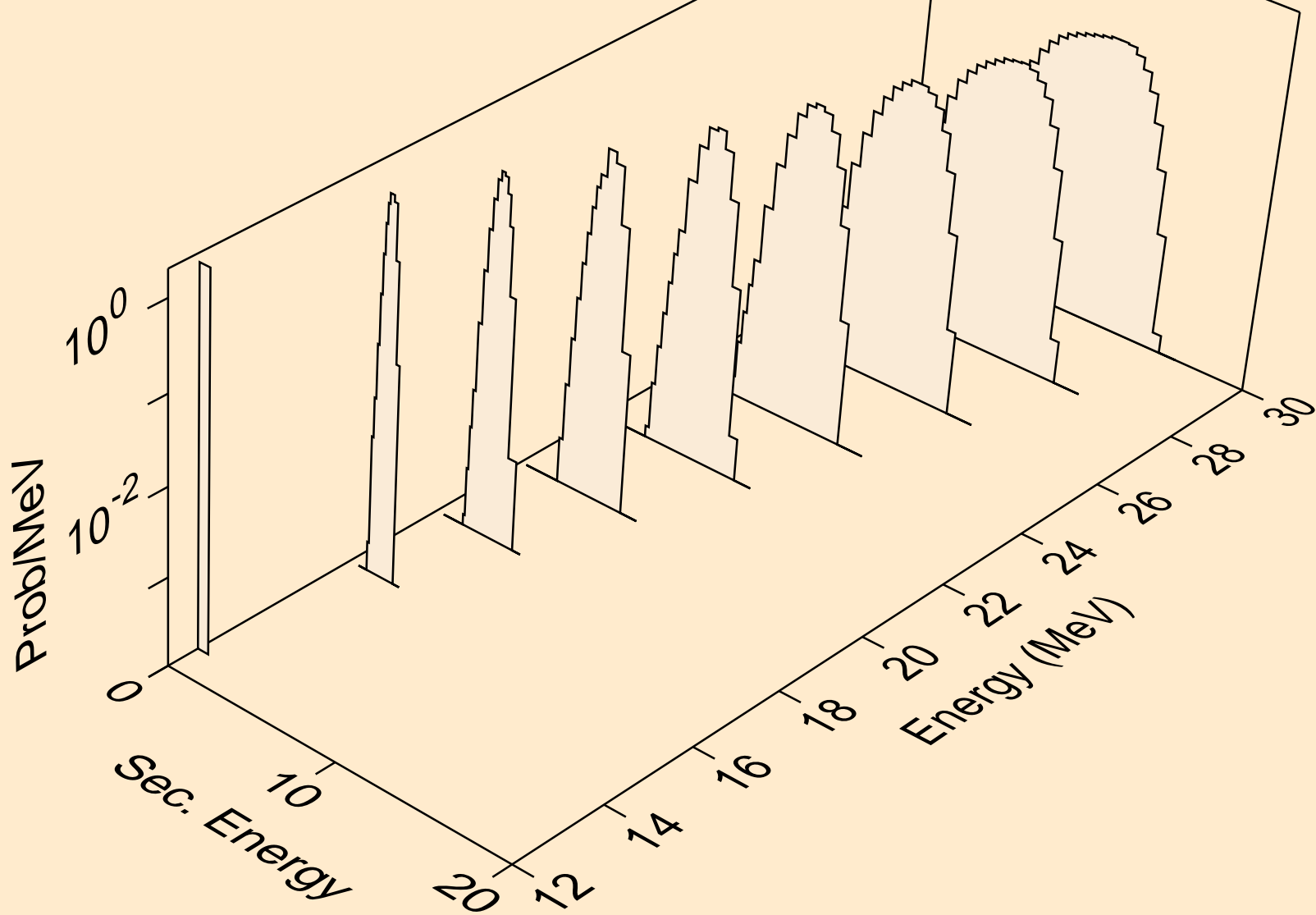




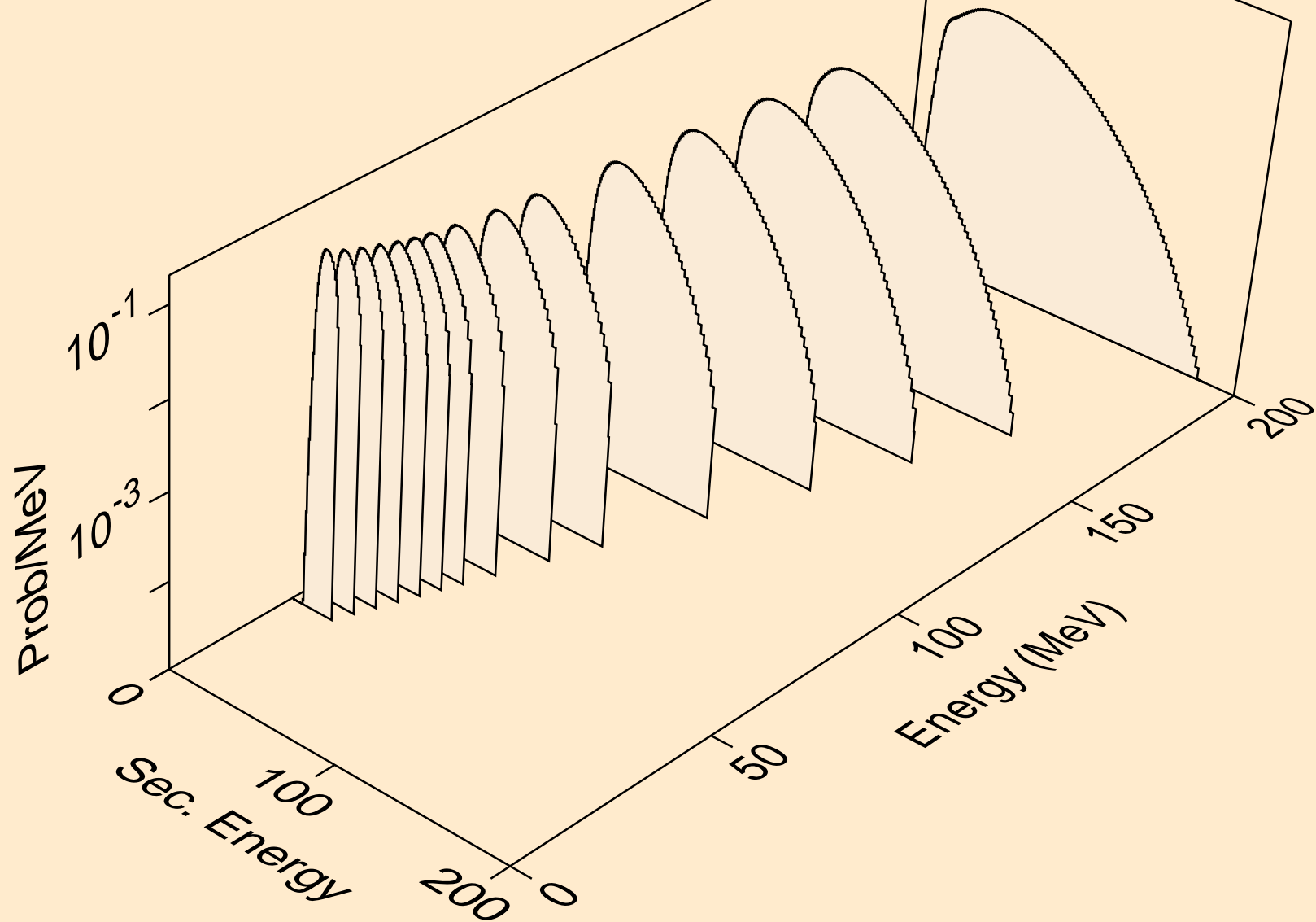
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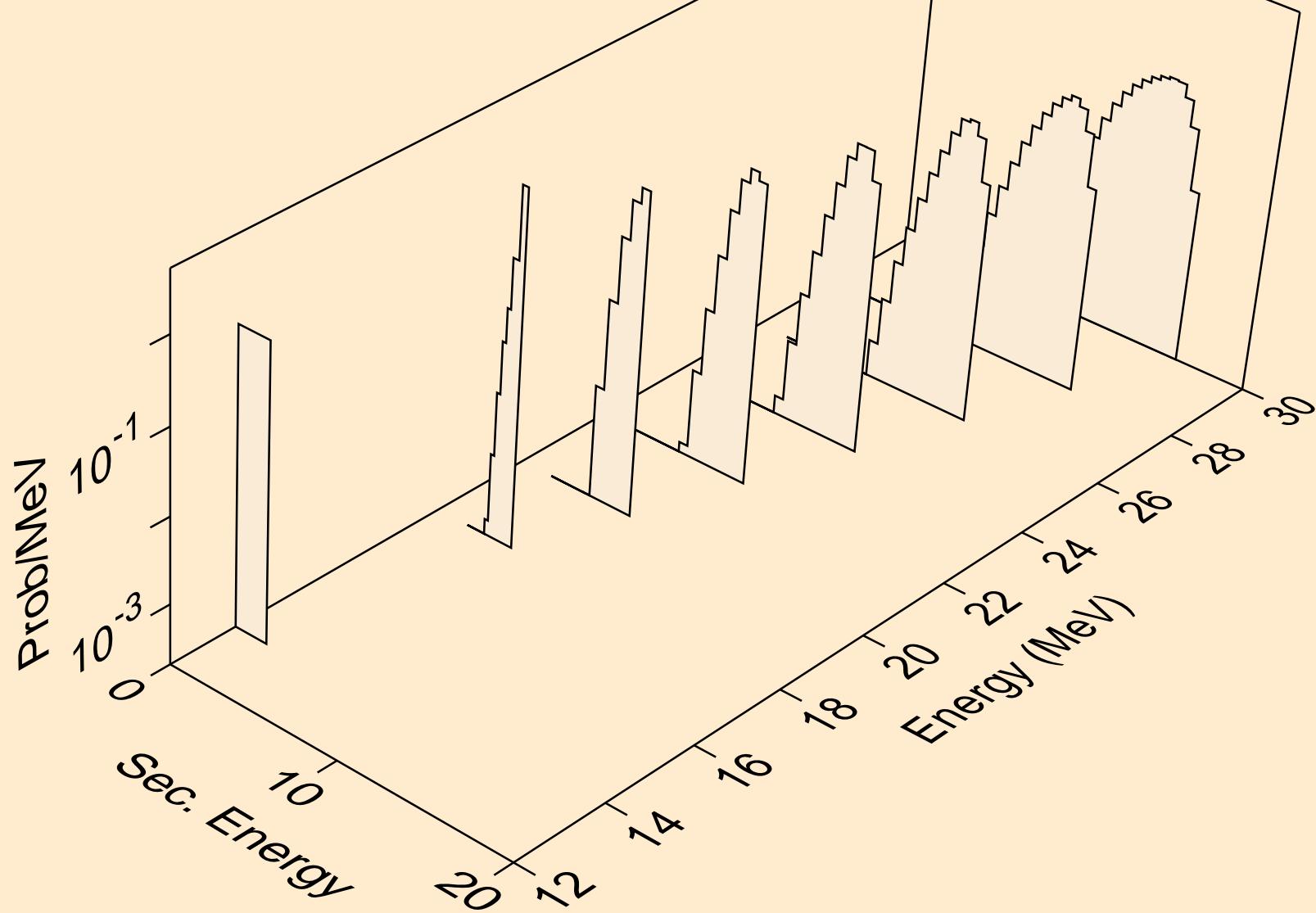
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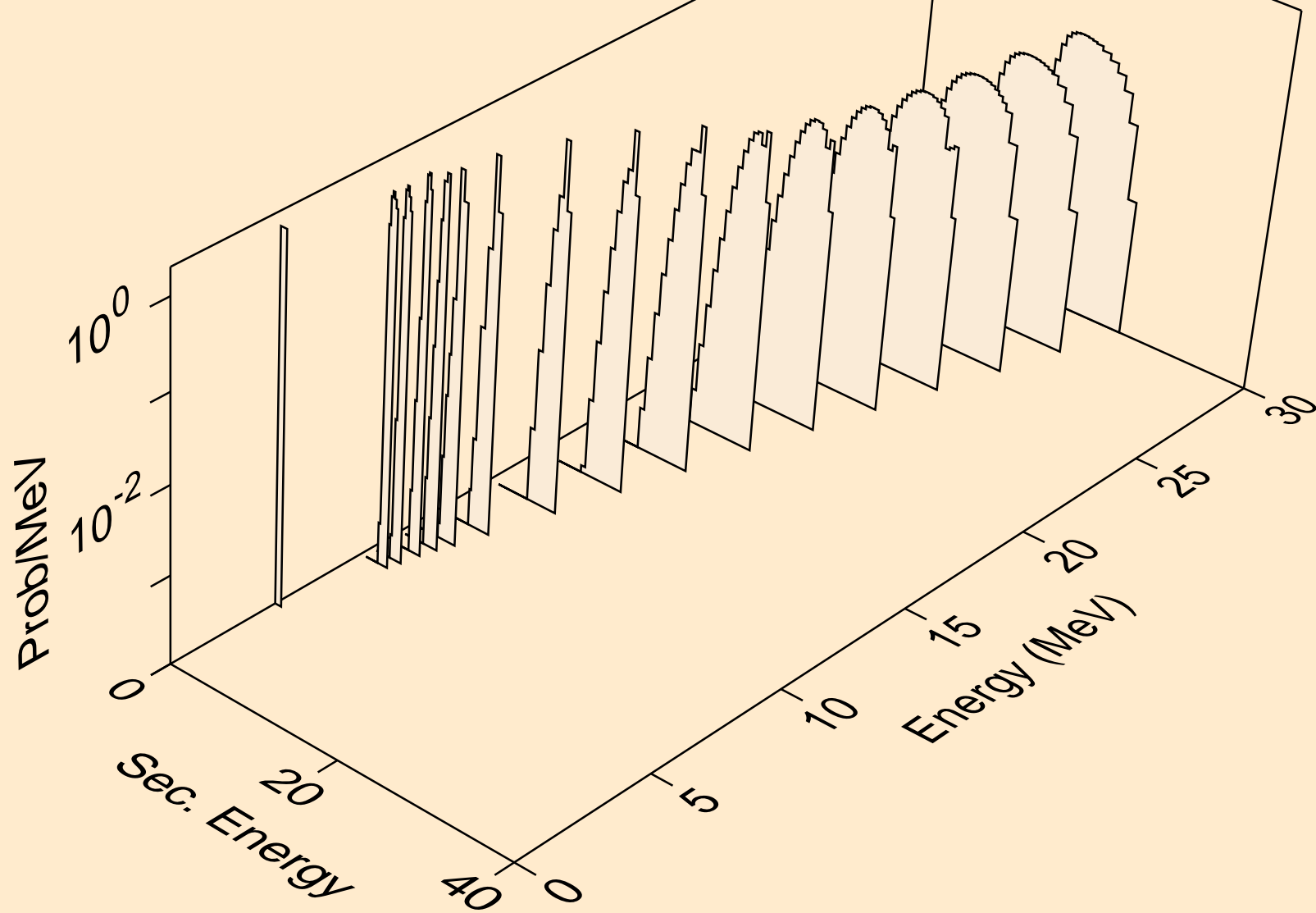
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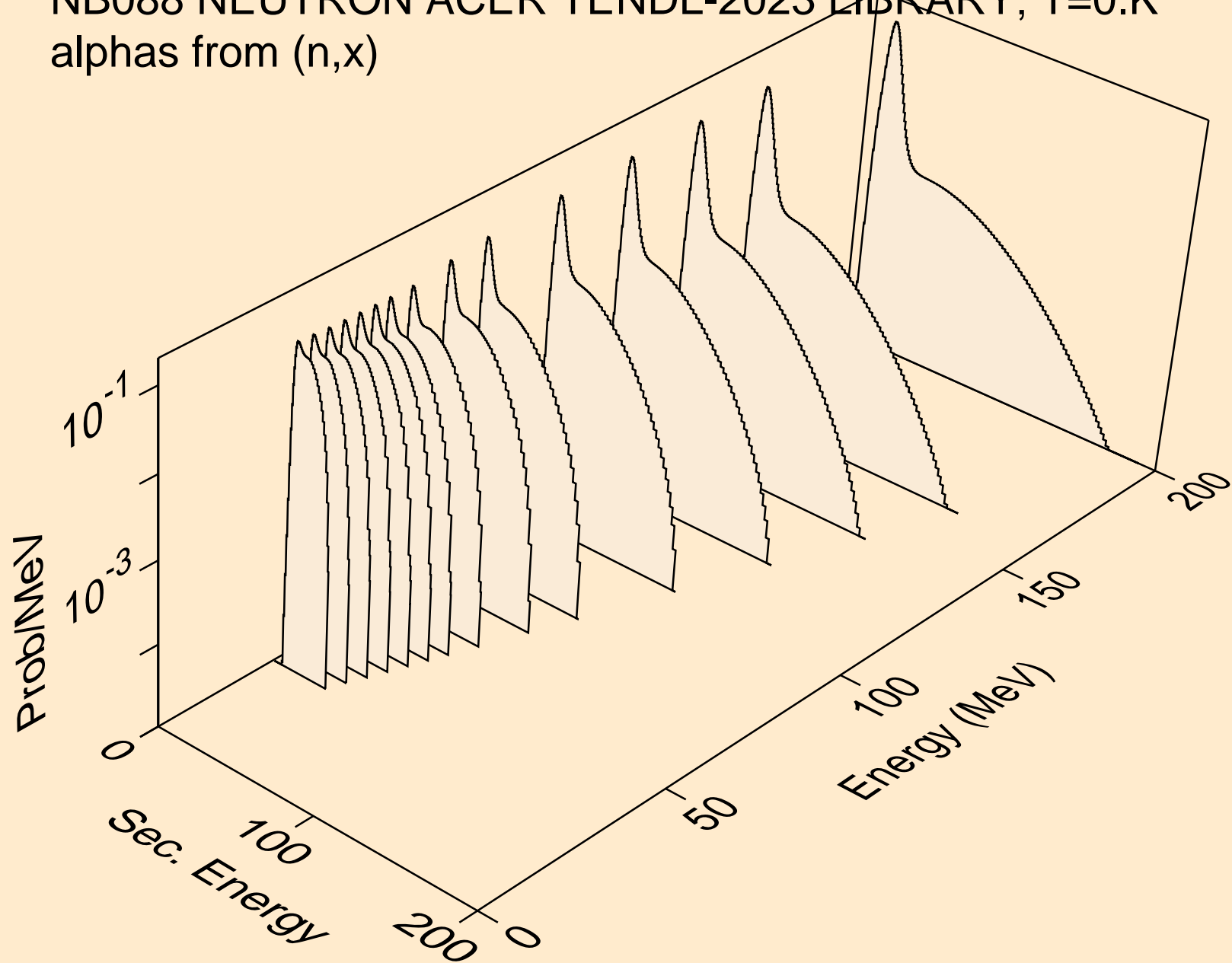
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he3s from (n,n\*)he3



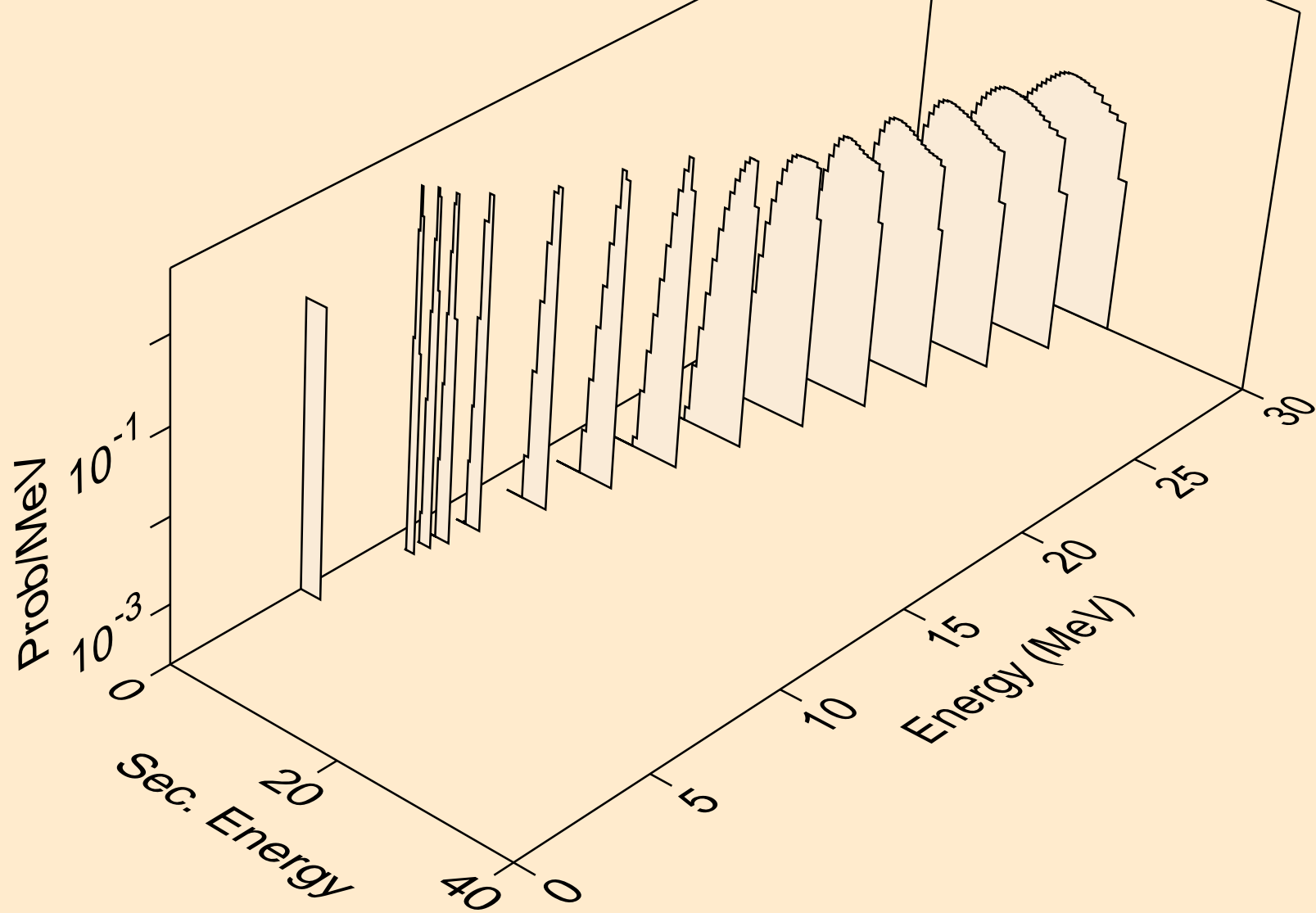
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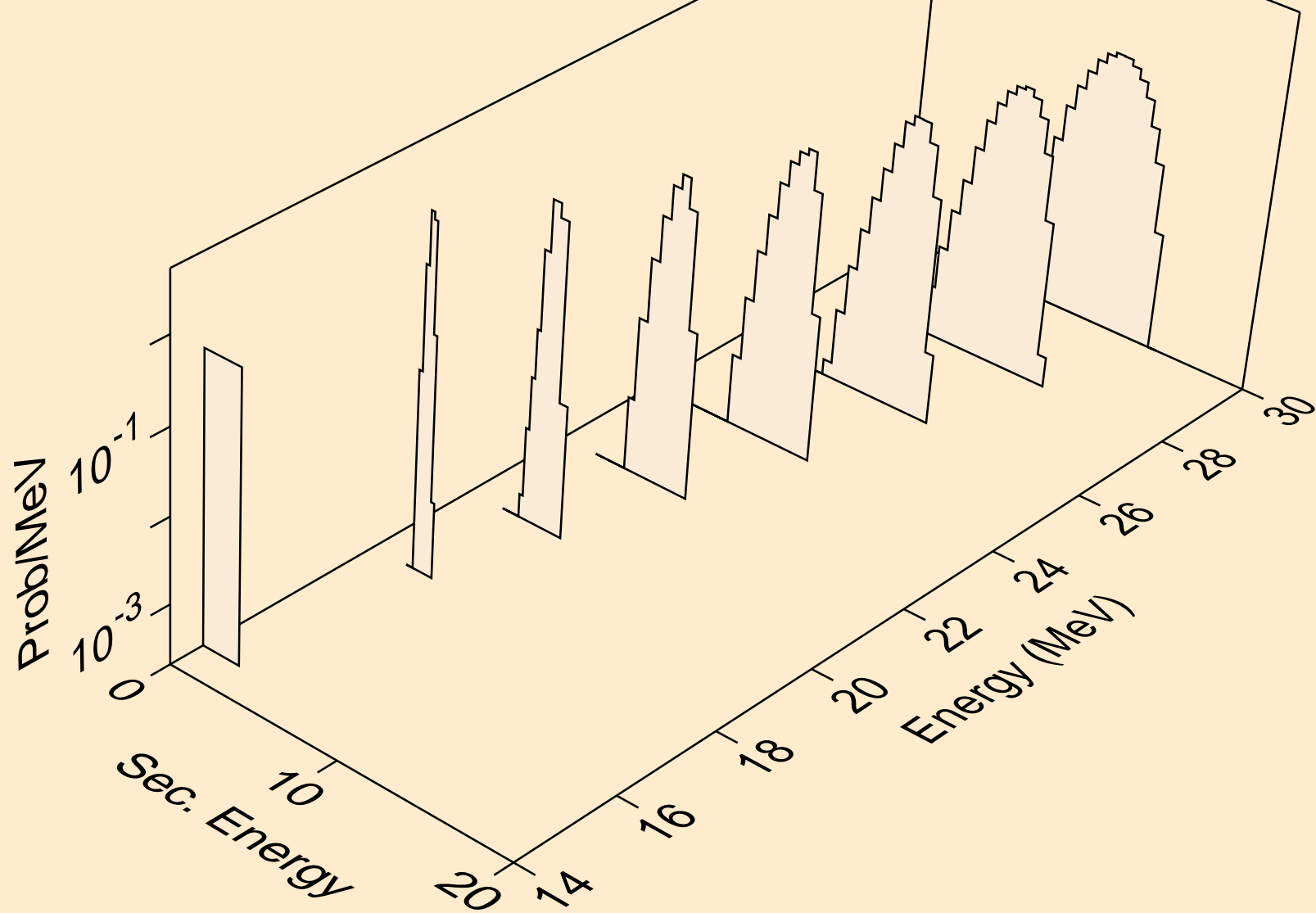
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

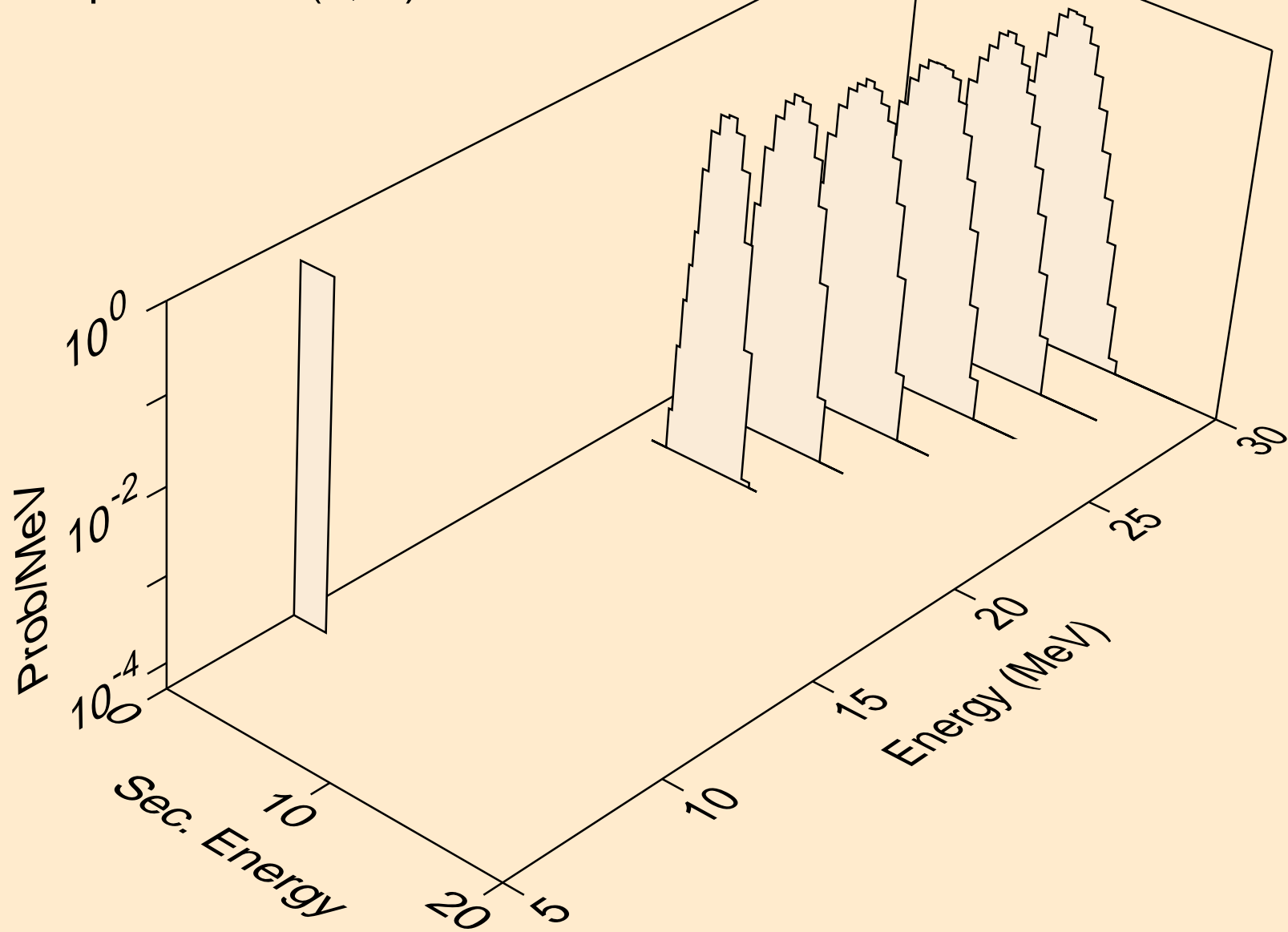


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alphas from (n,2n)a

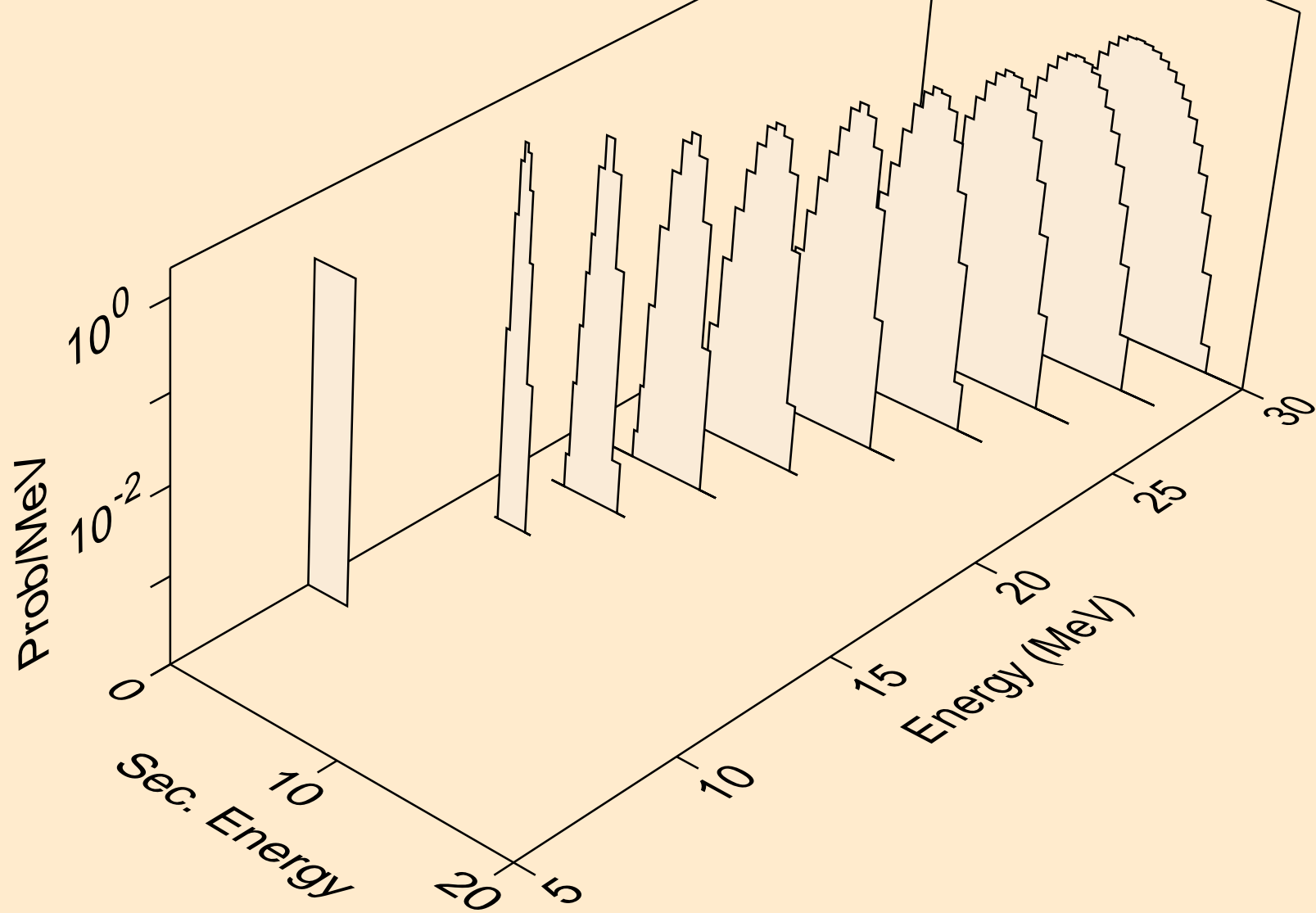




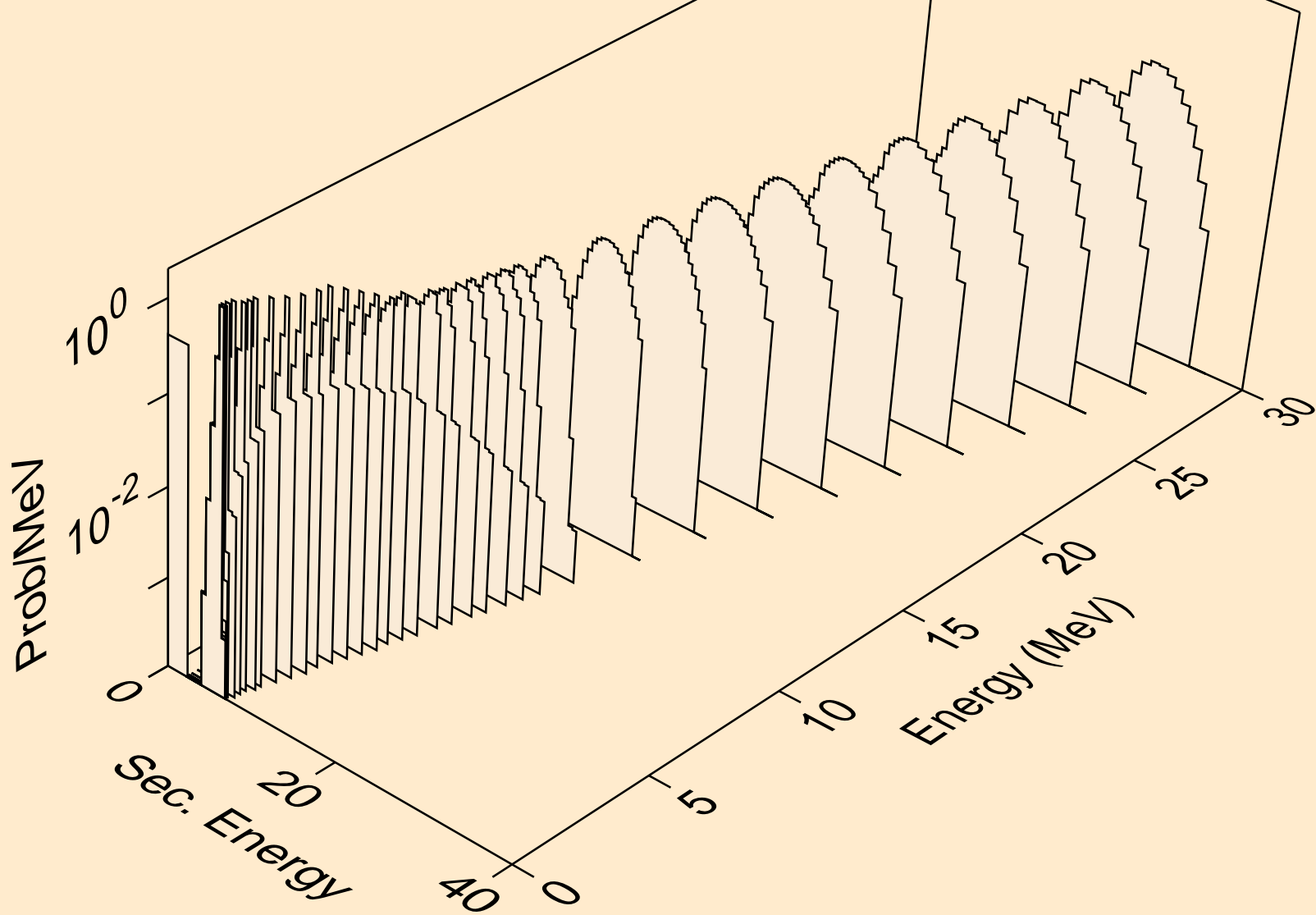
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alphas from (n,n\*)2a



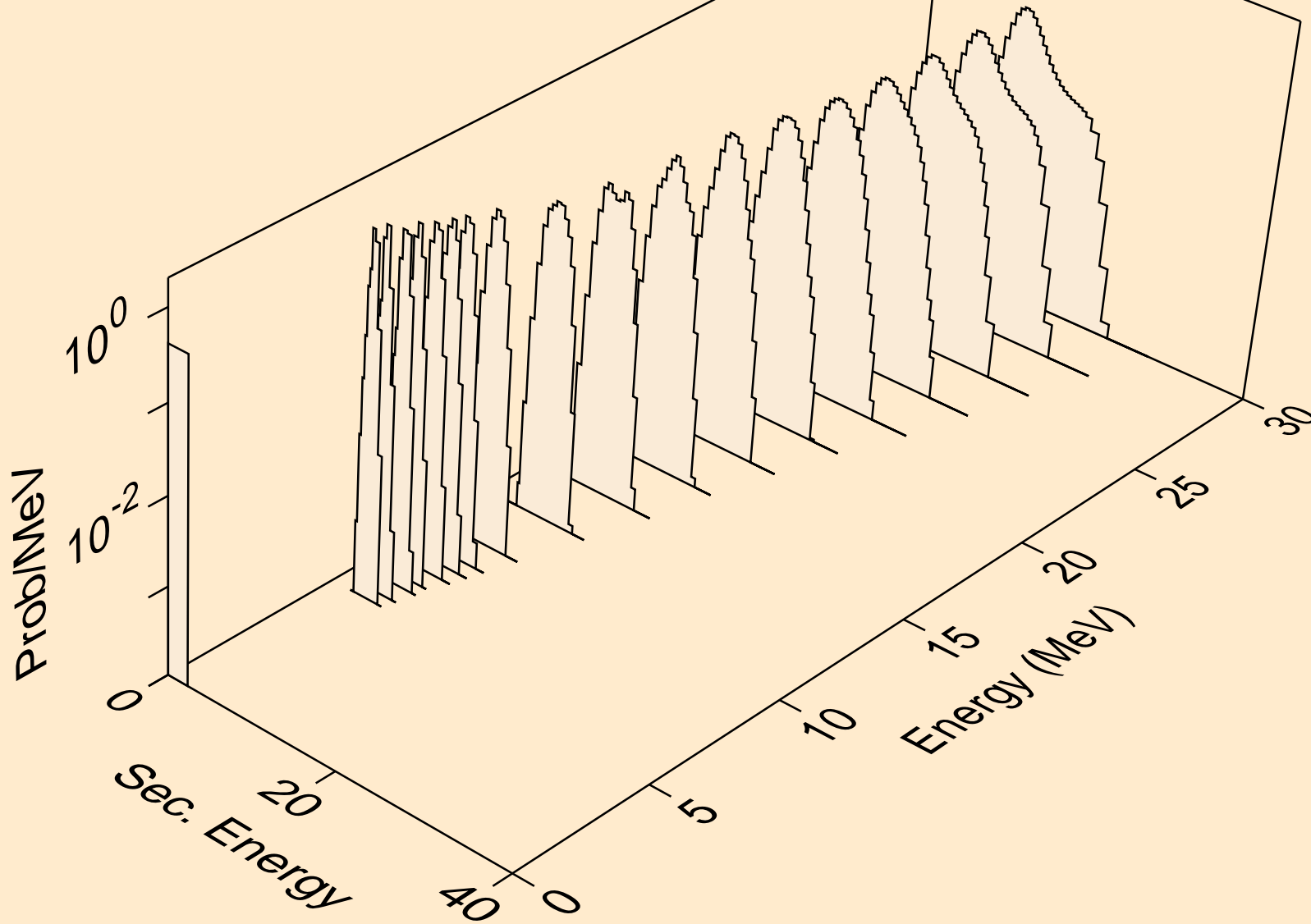
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alphas from (n,npa)



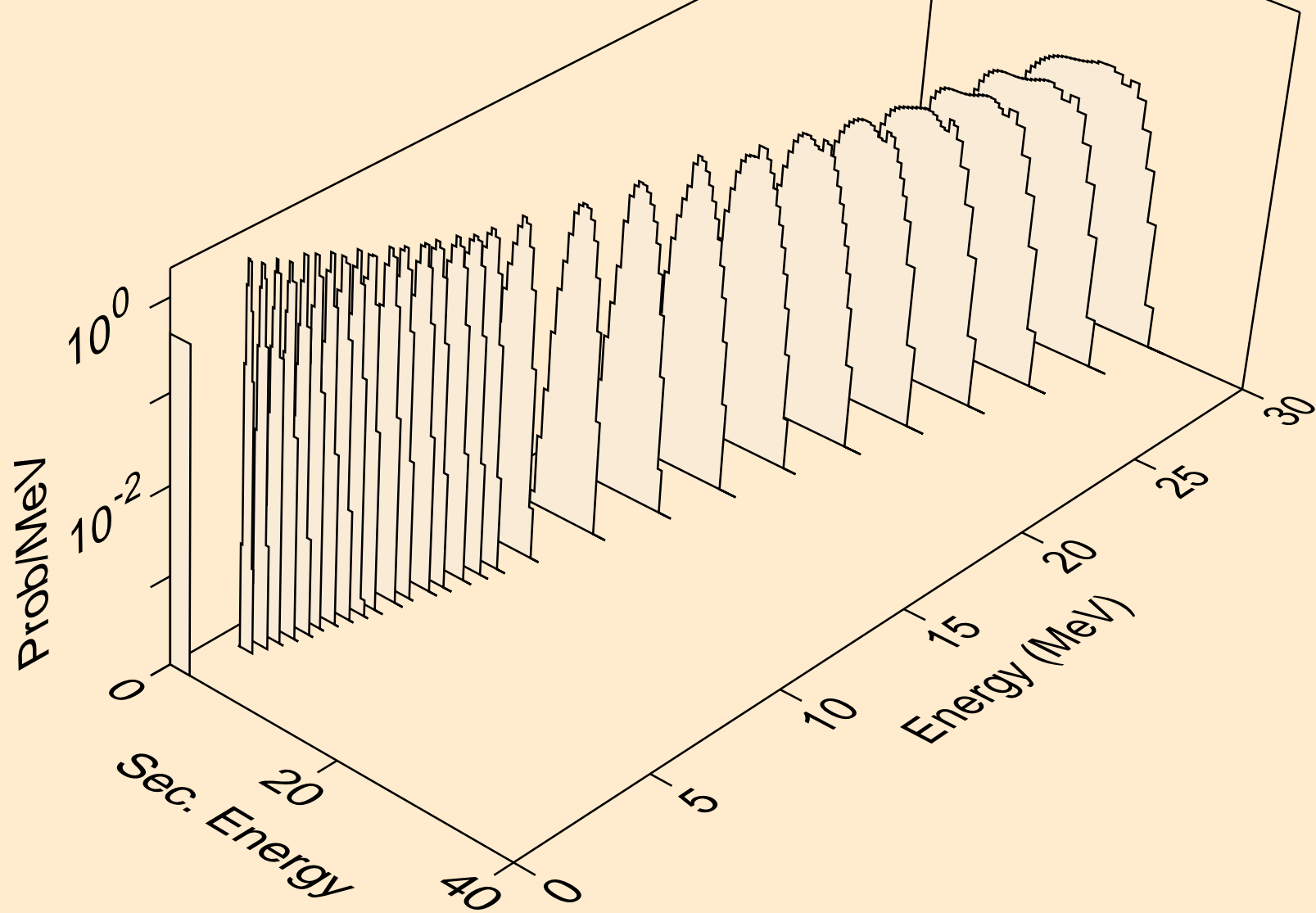
NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



NB088 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

