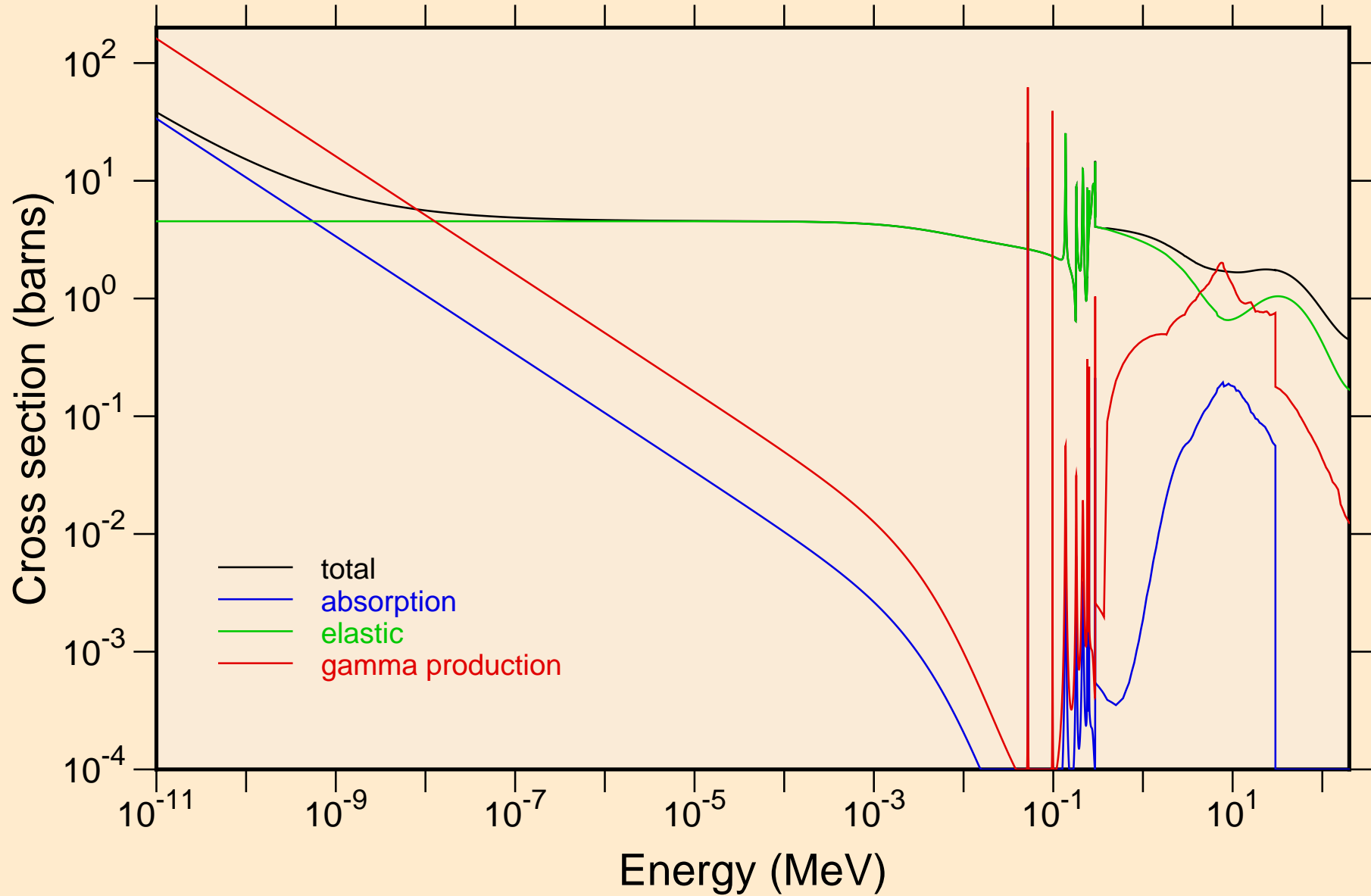
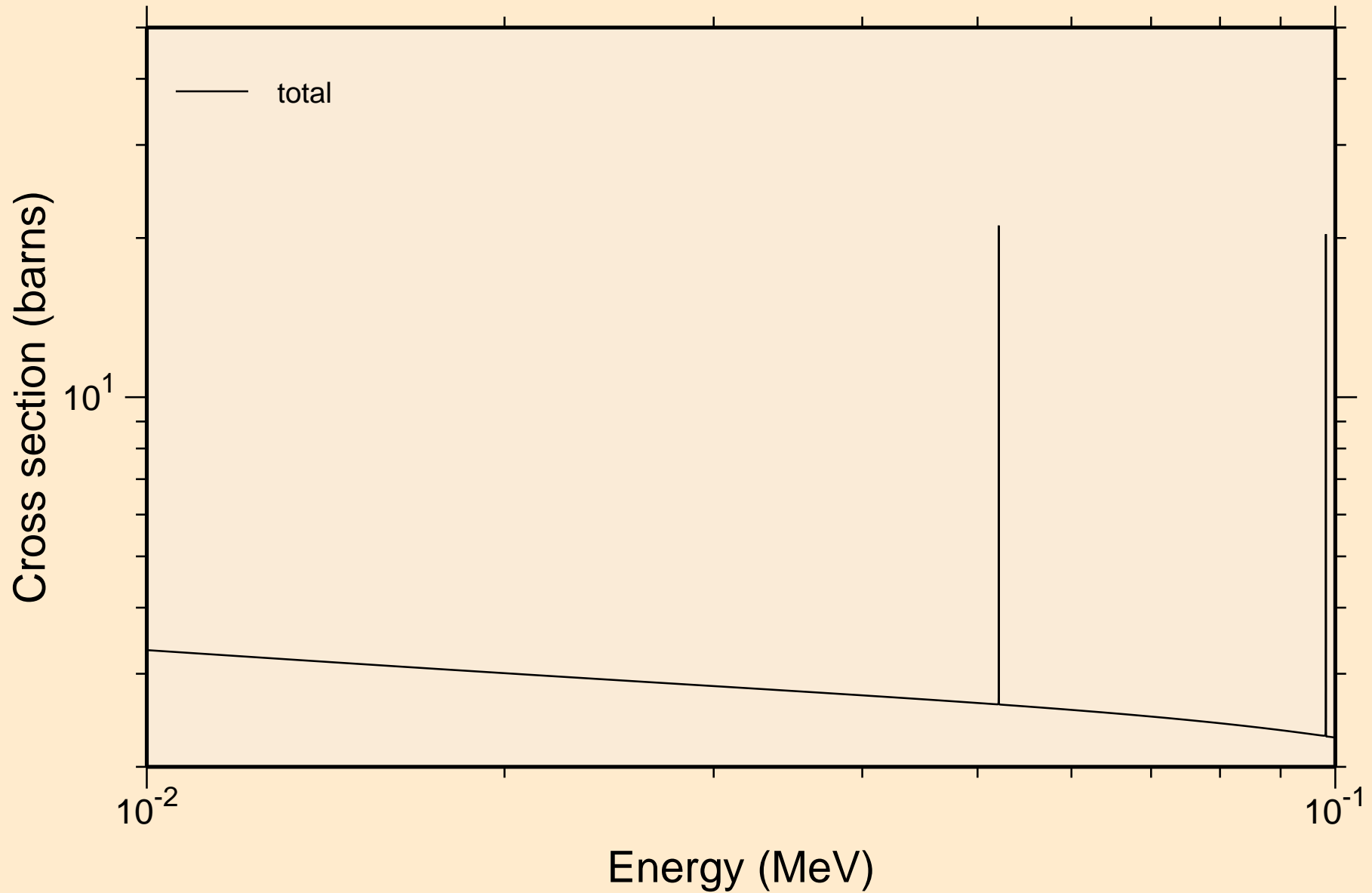


# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

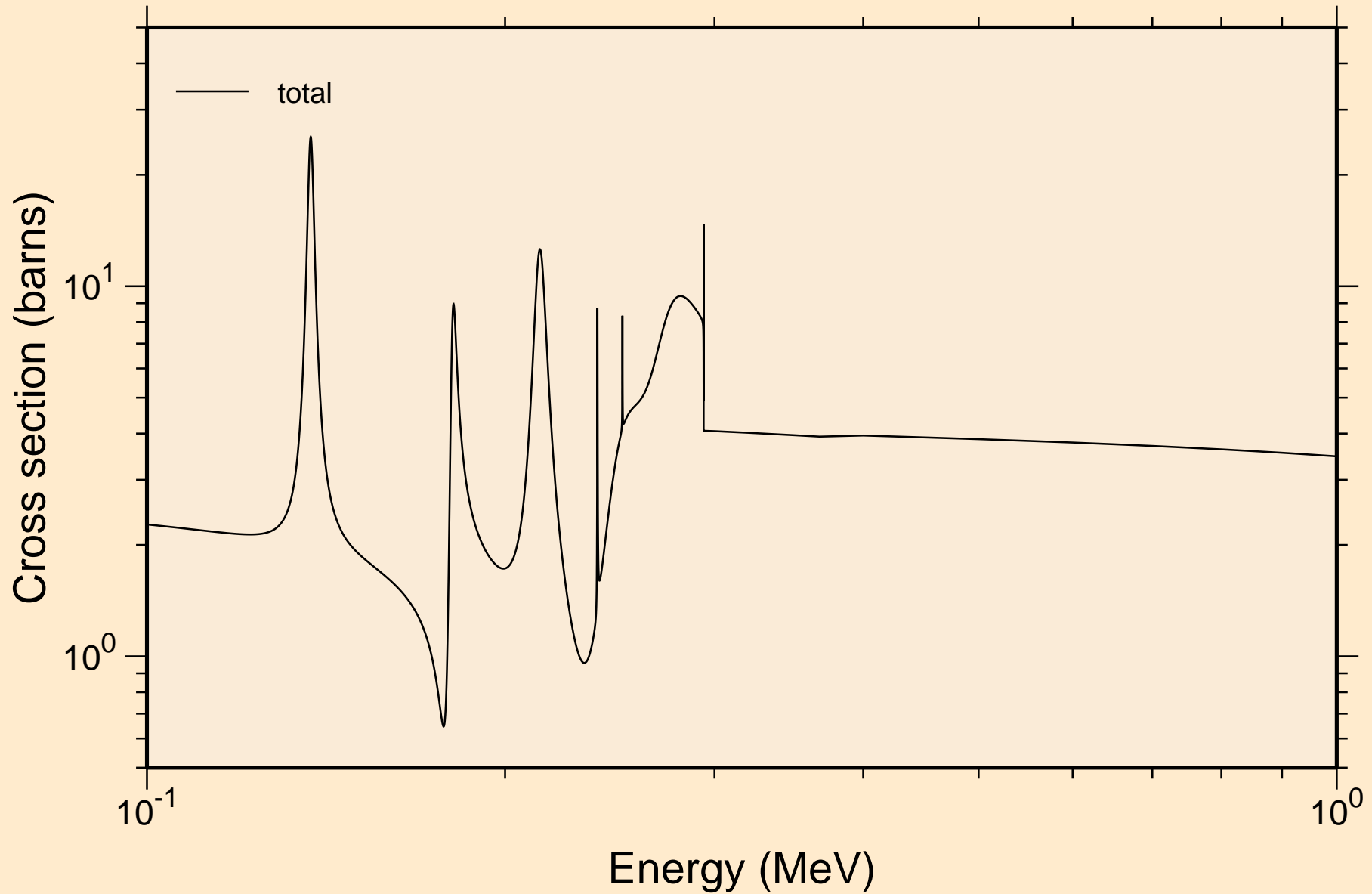
## Principal cross sections



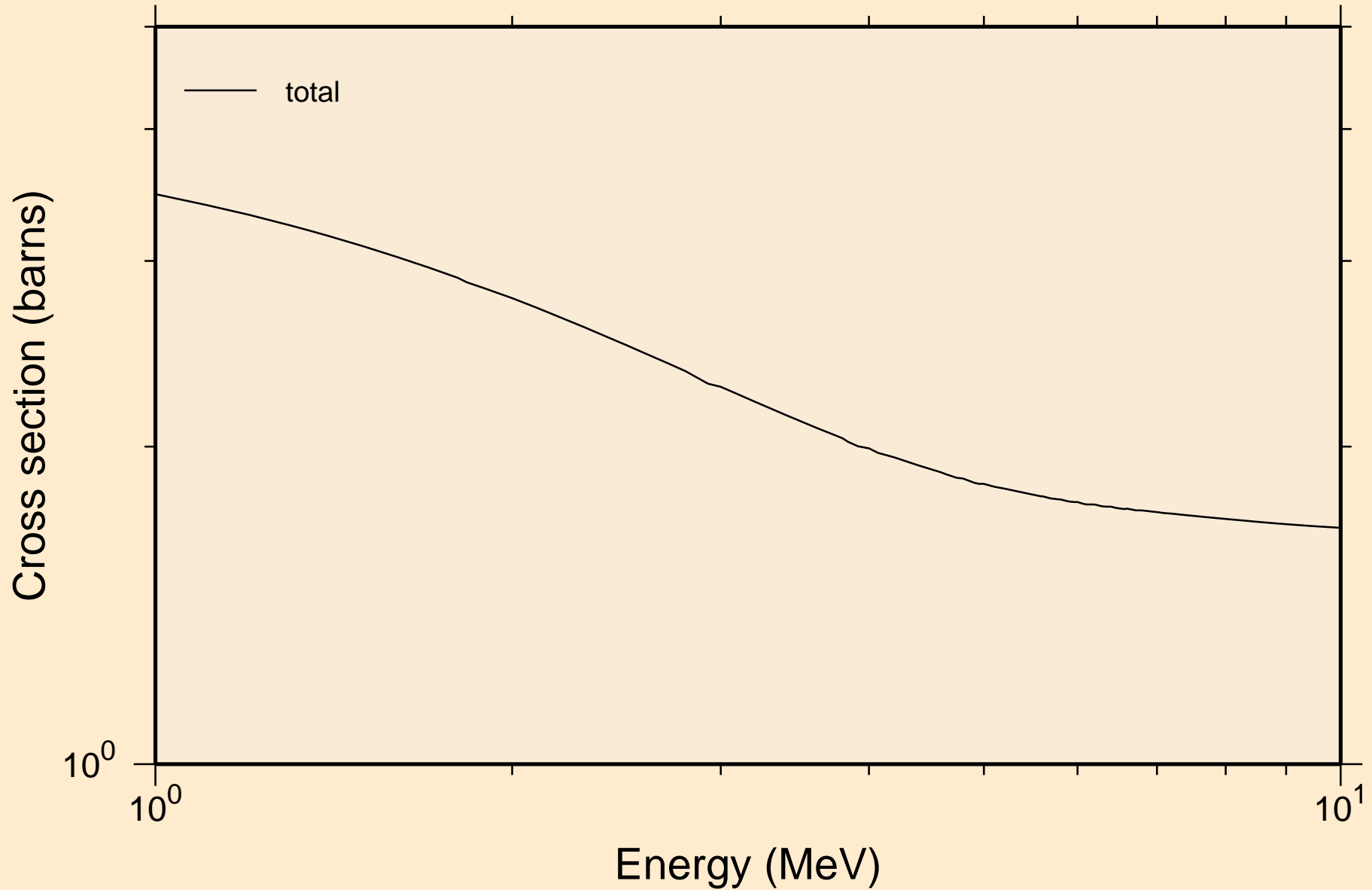
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



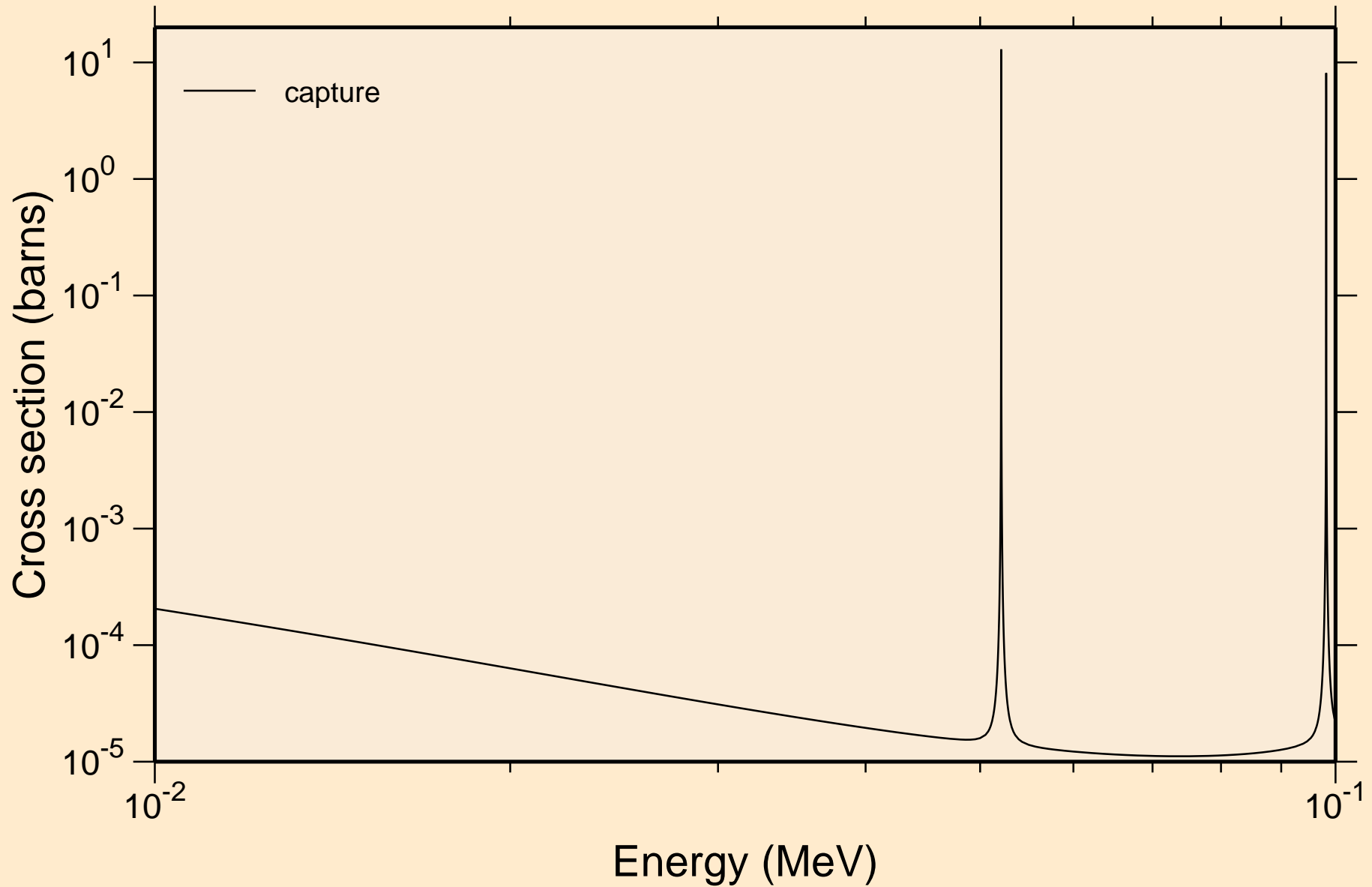
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



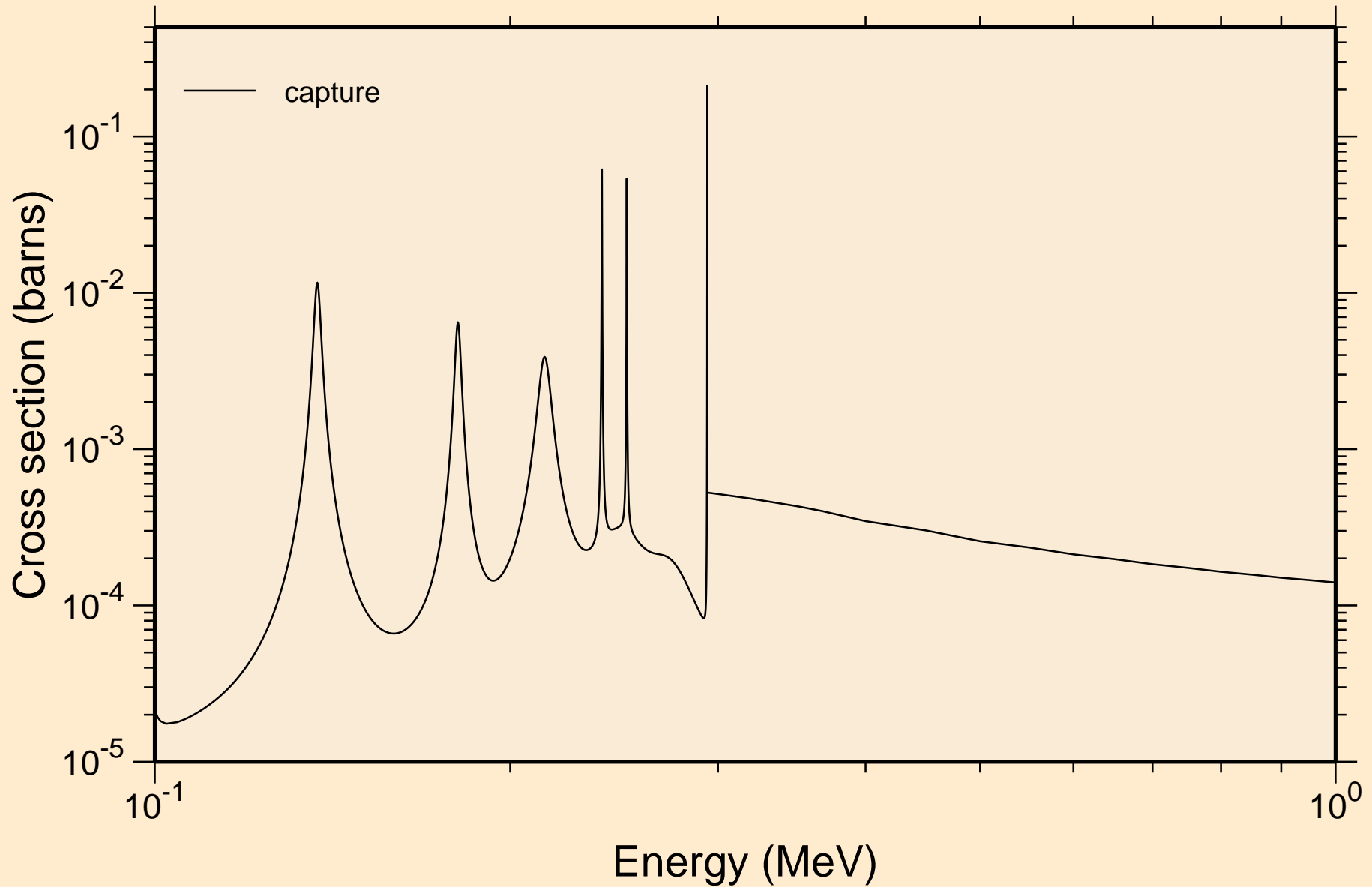
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



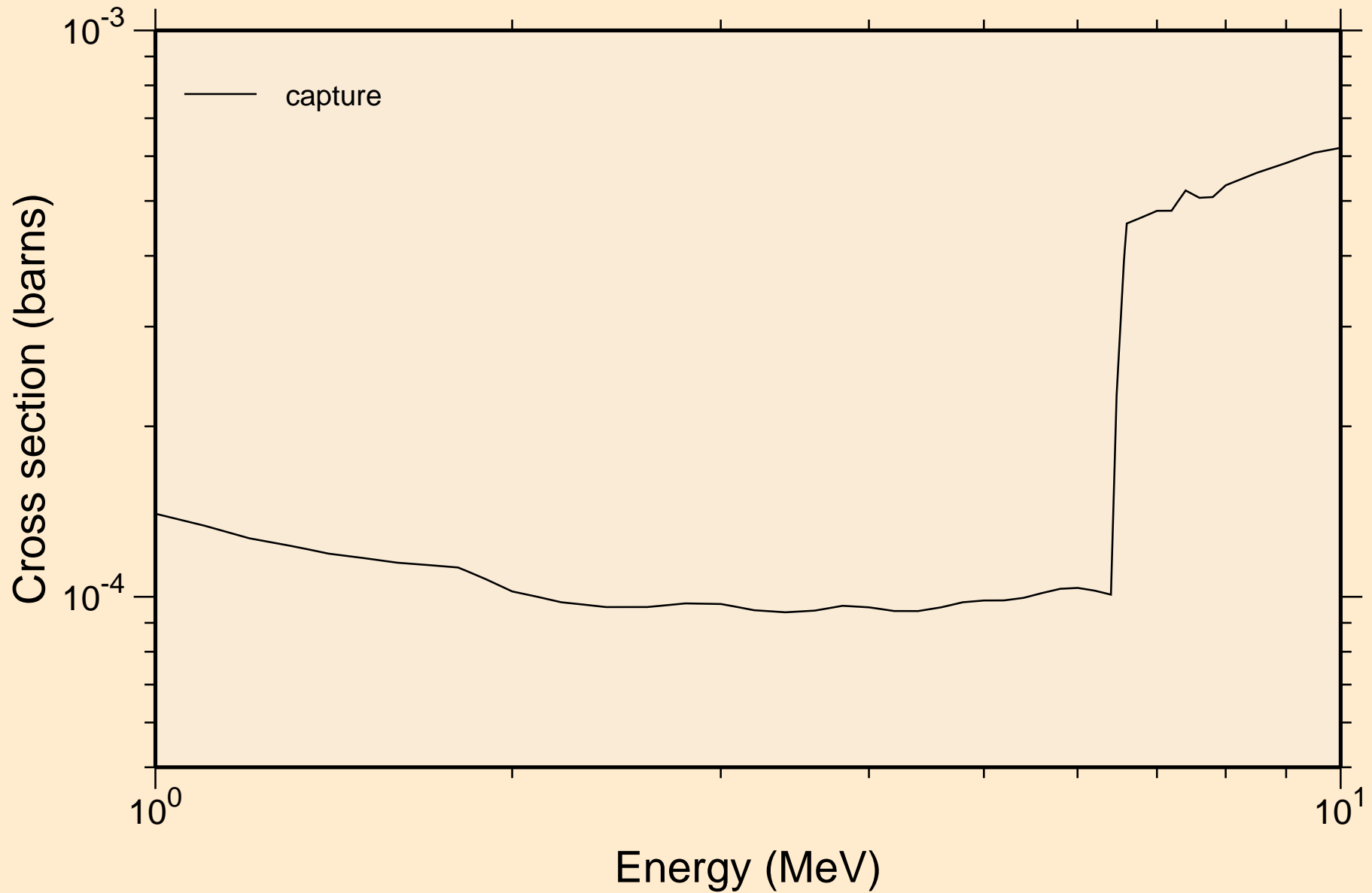
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



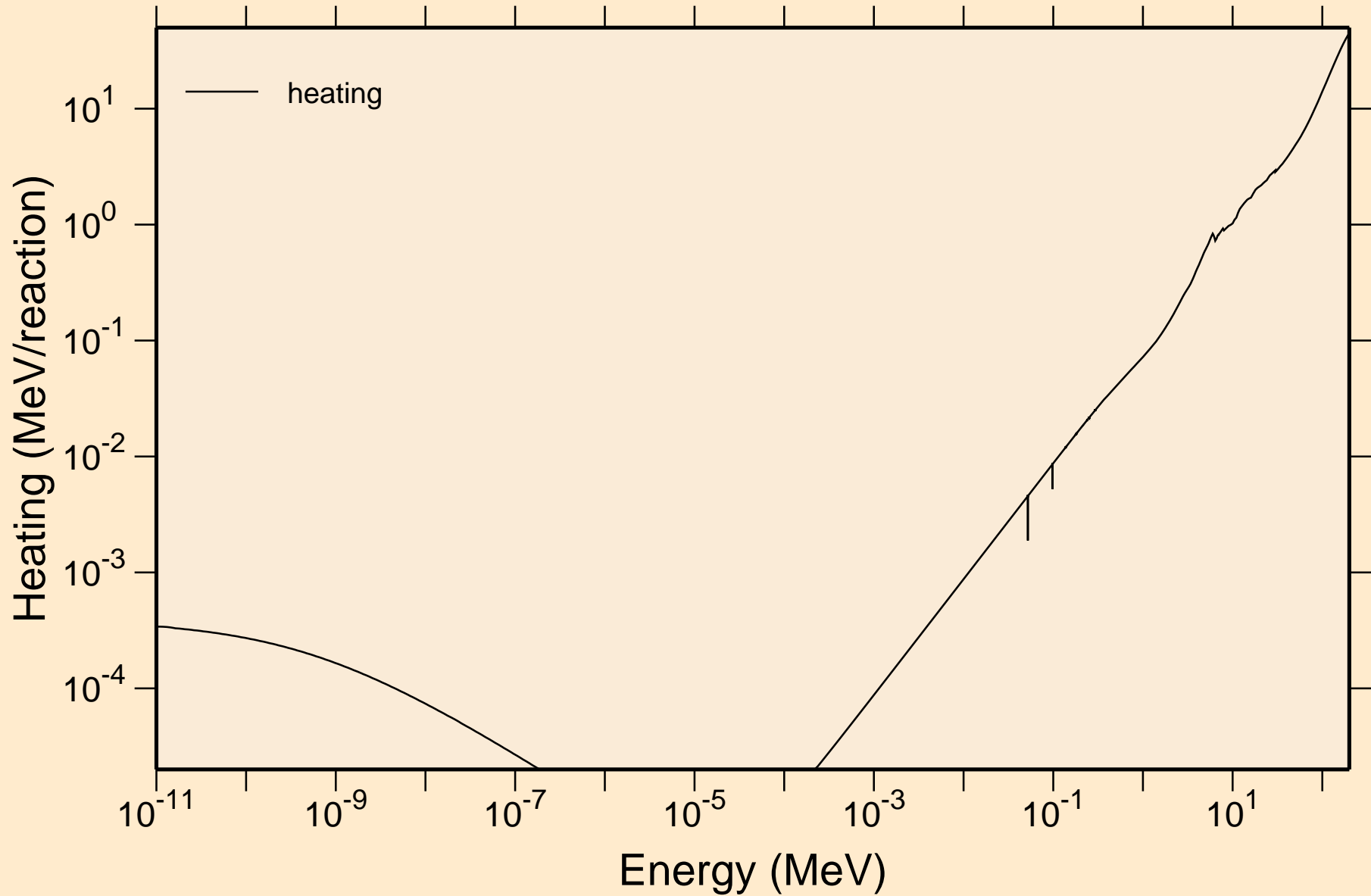
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

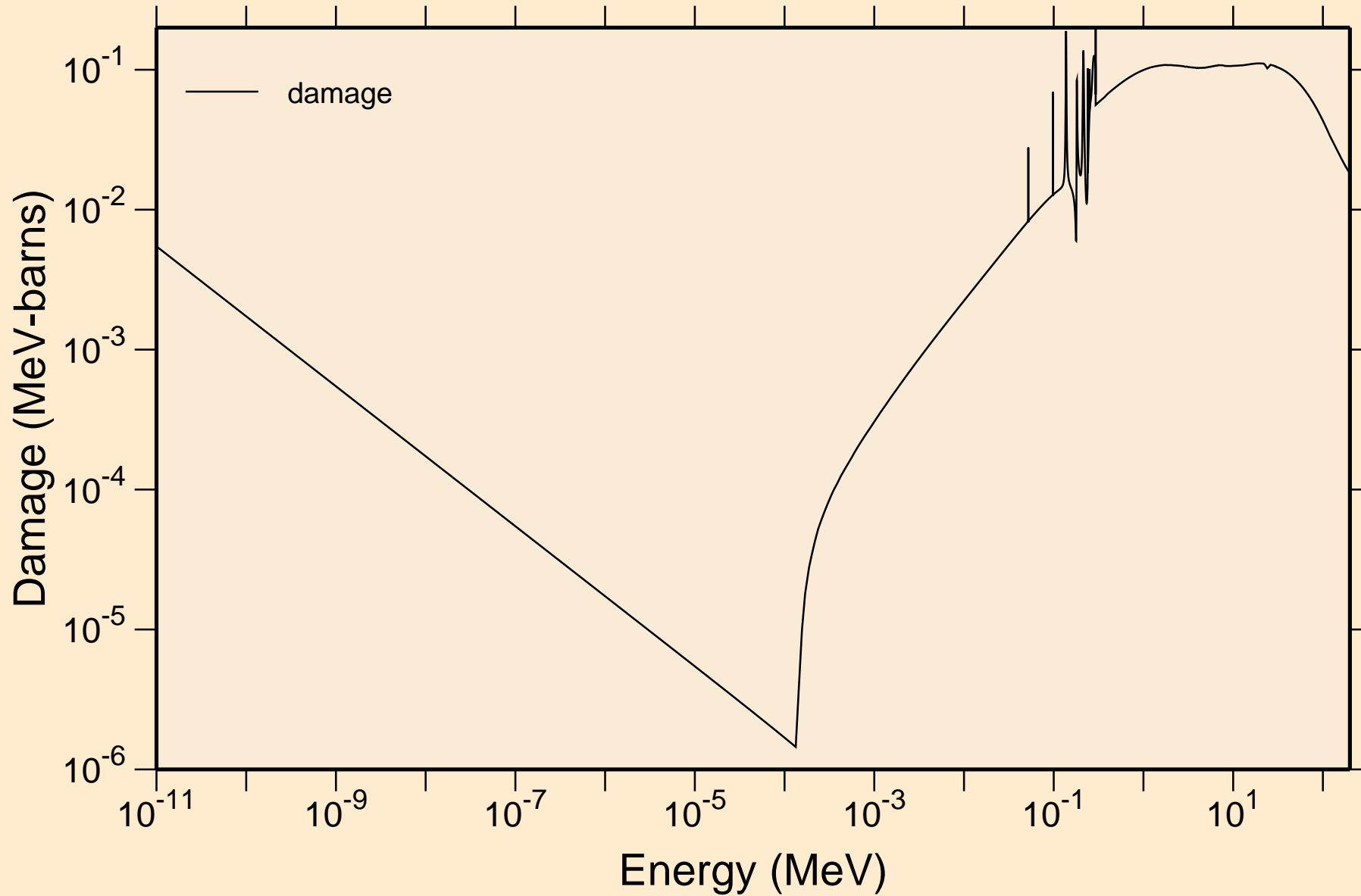


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

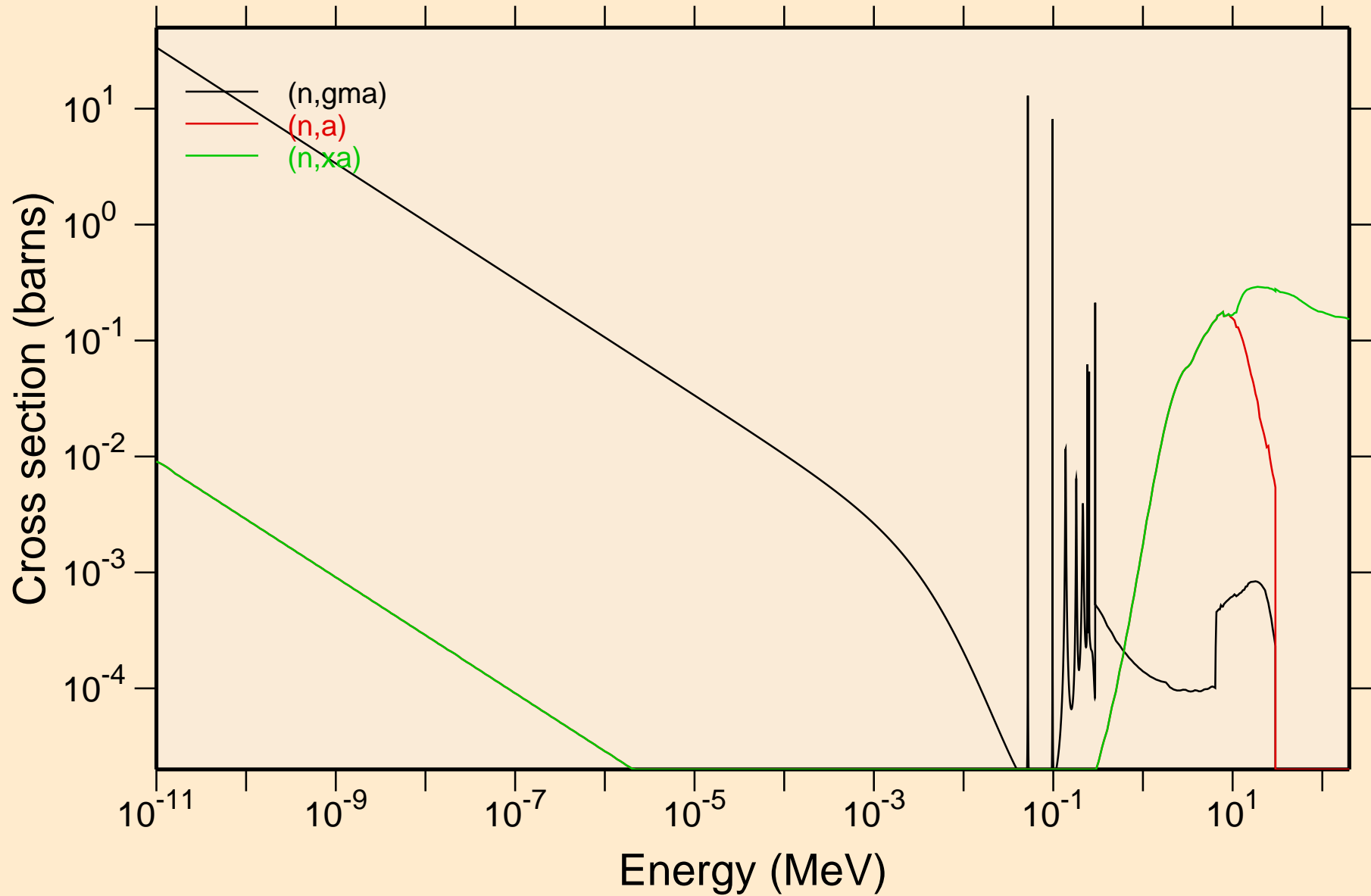




NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

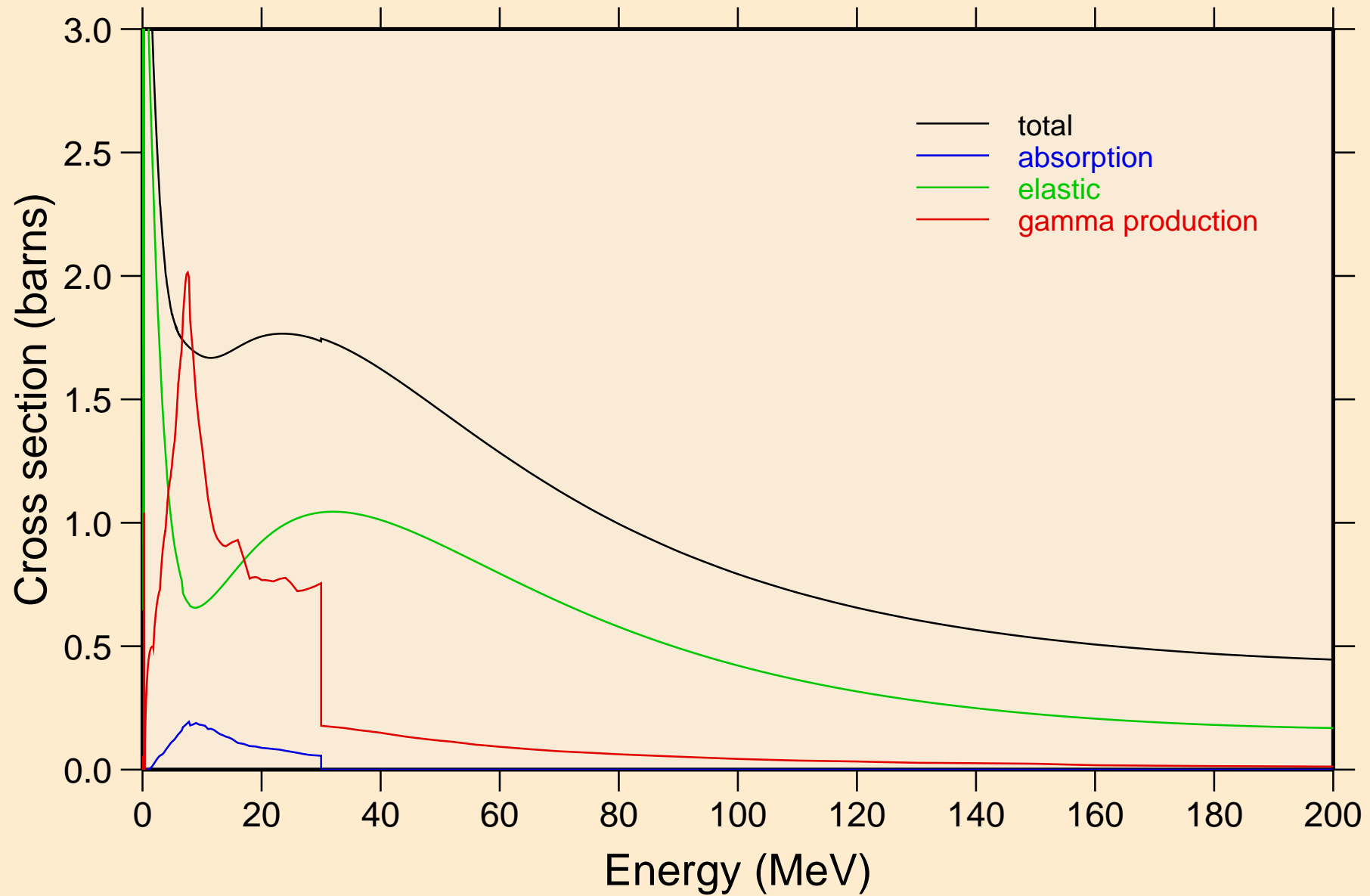


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



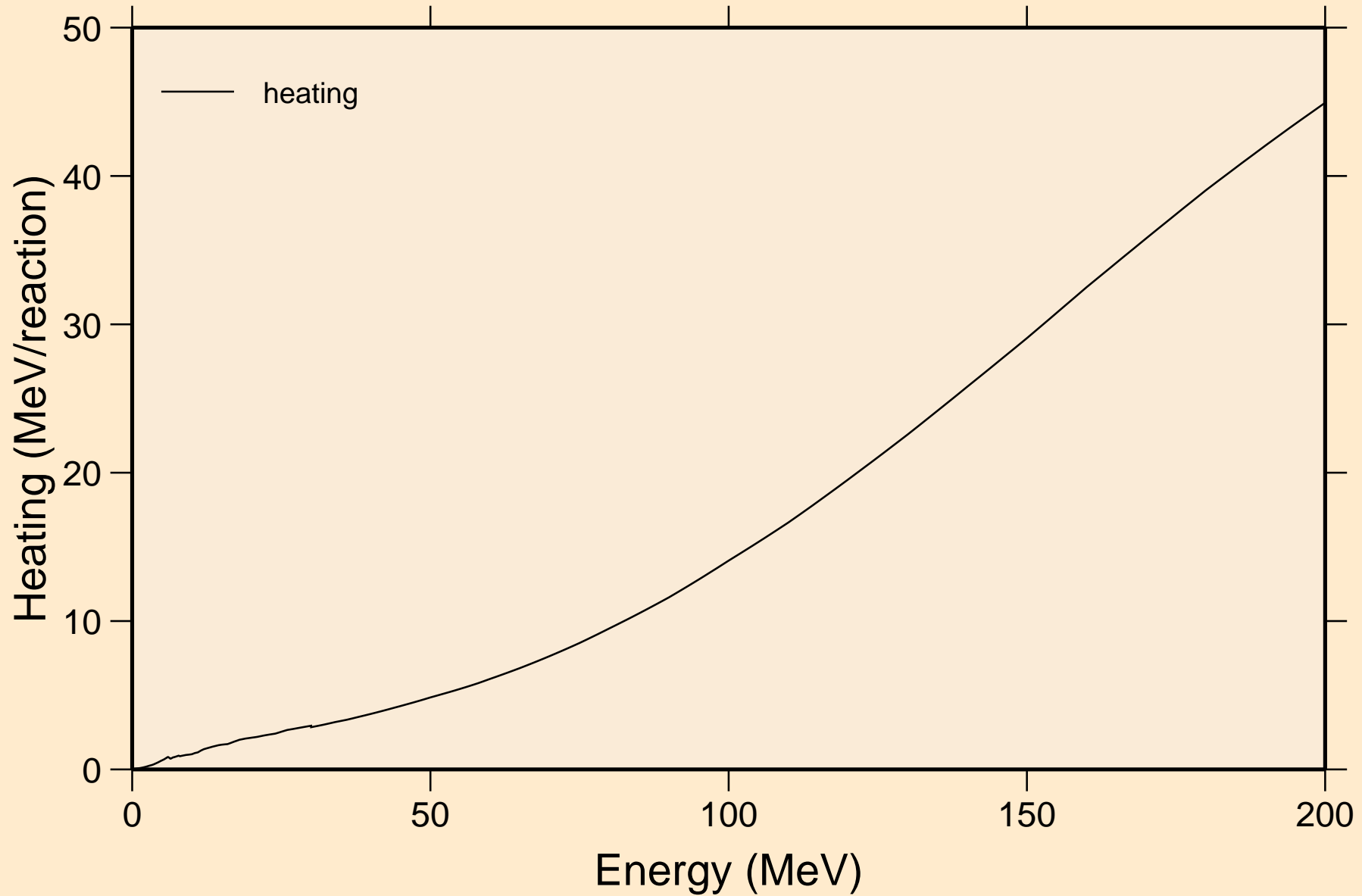
# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



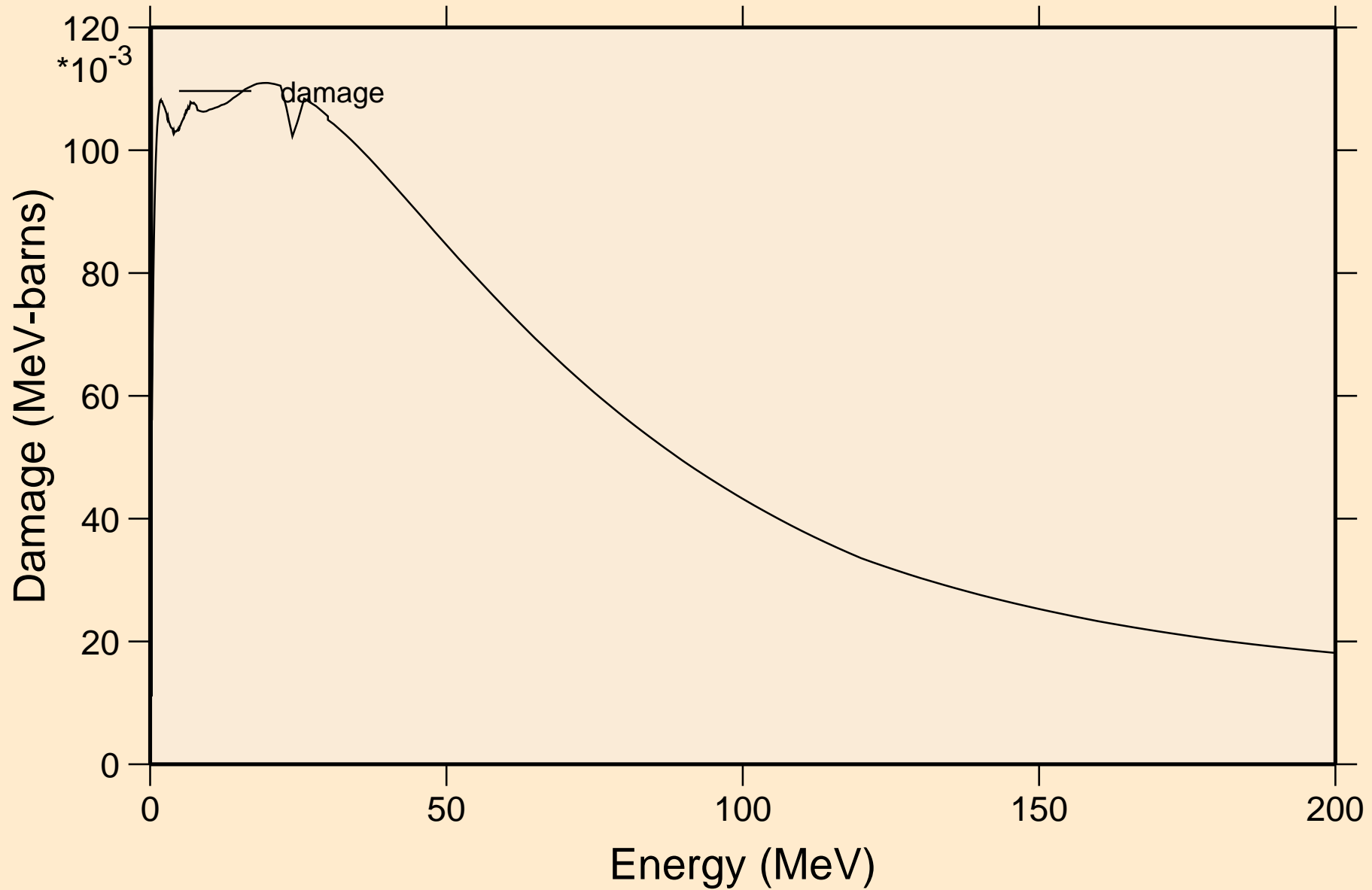
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## Heating

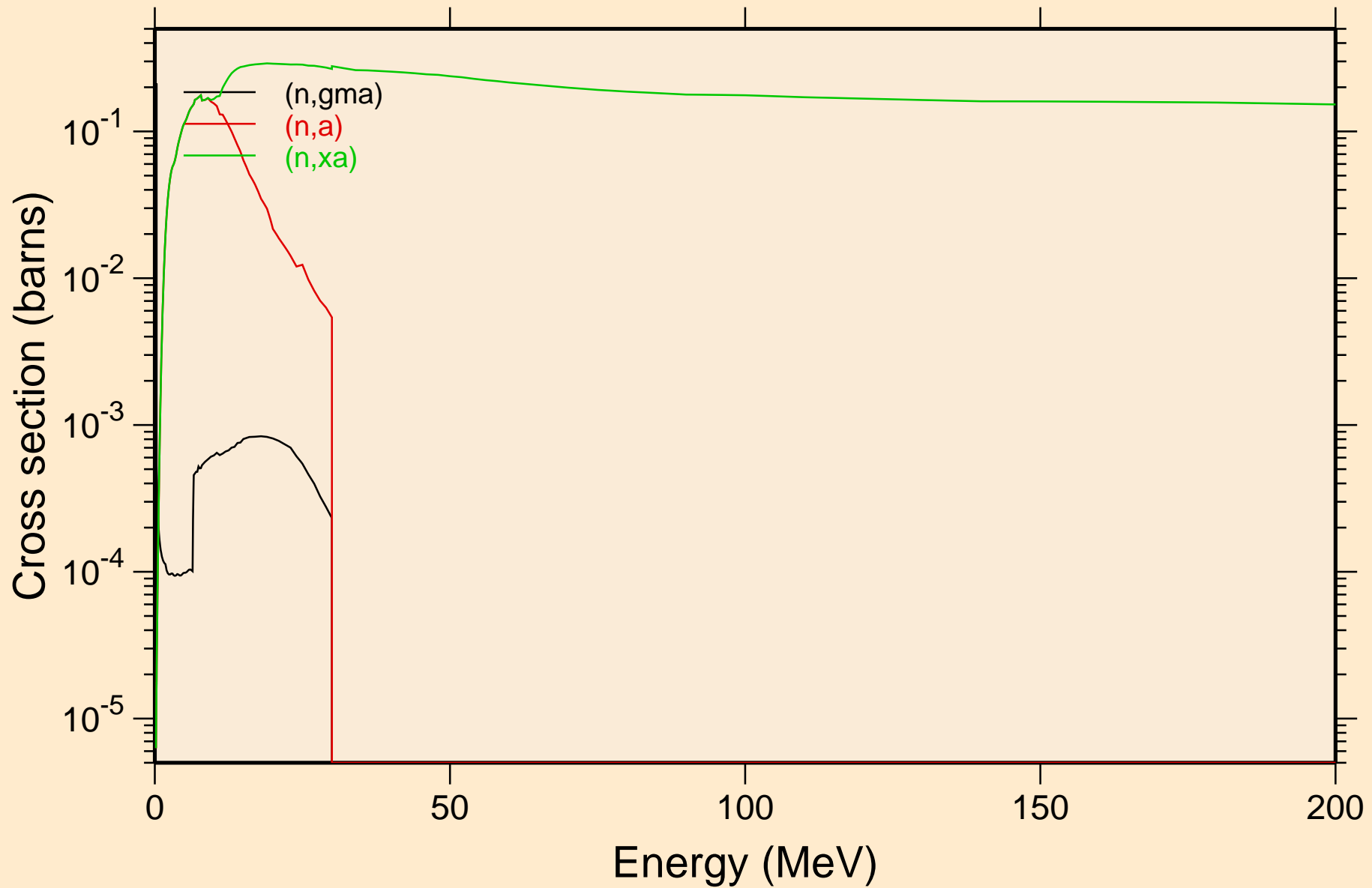


# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

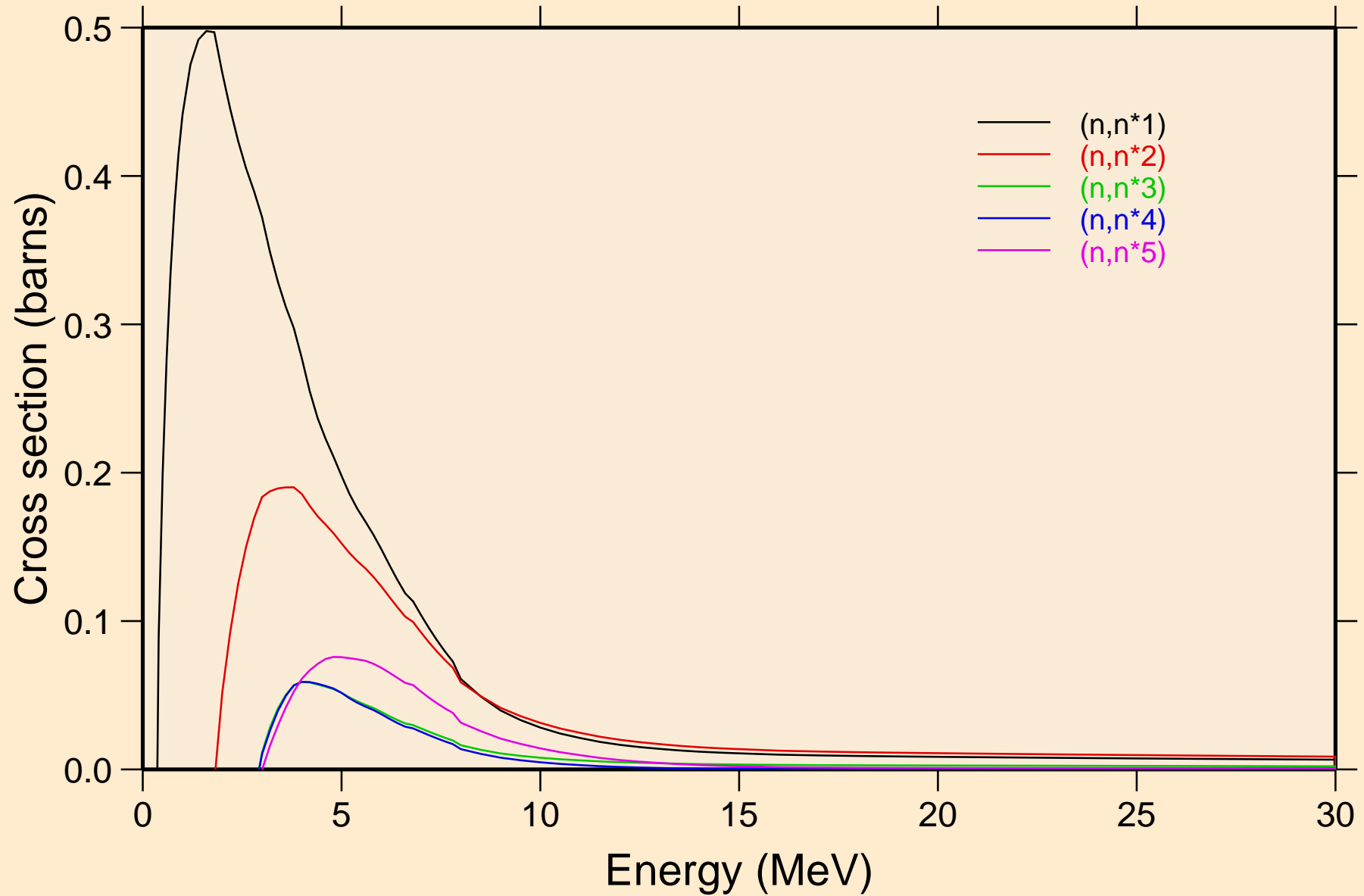
## Damage



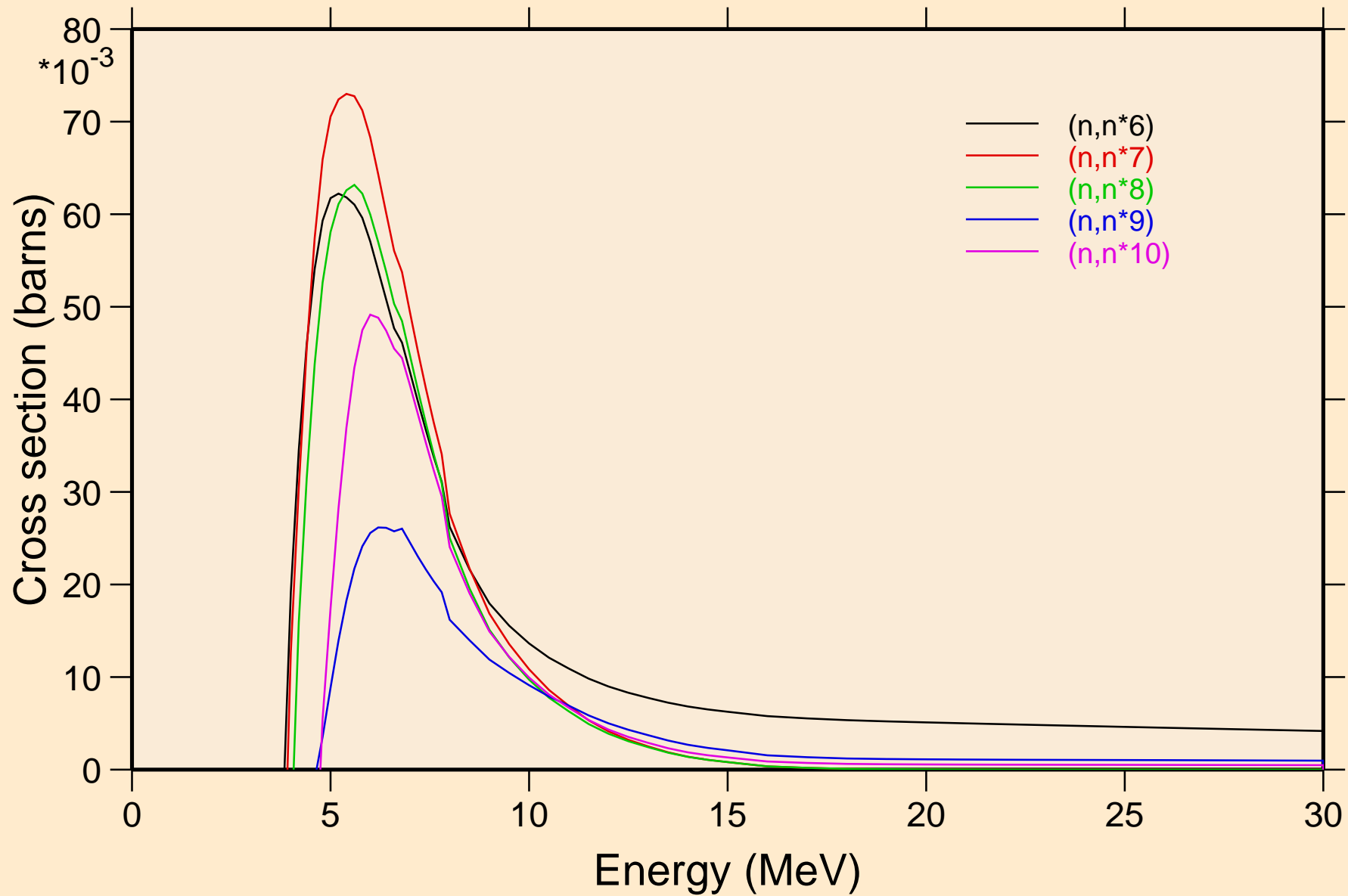
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

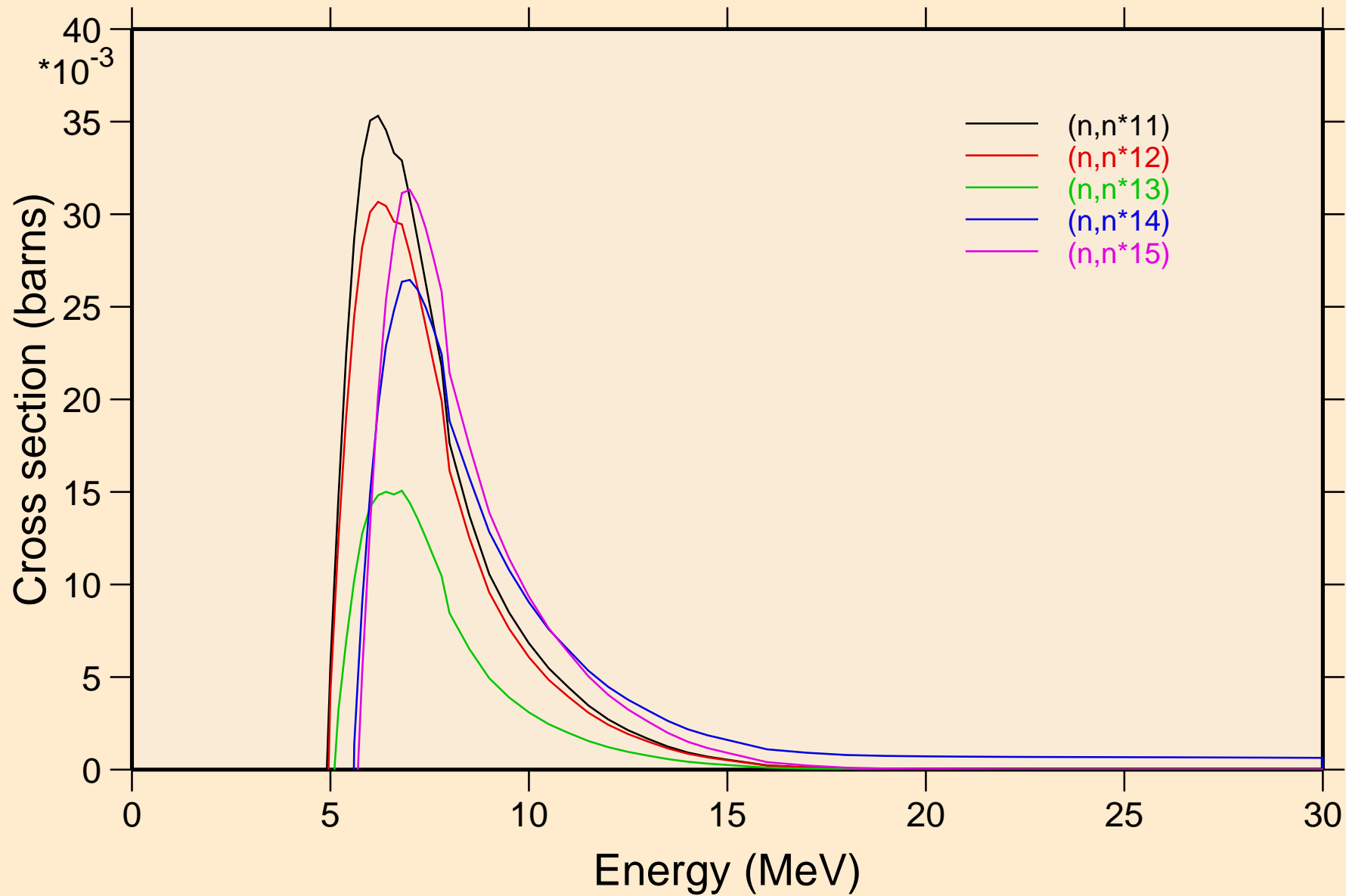


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

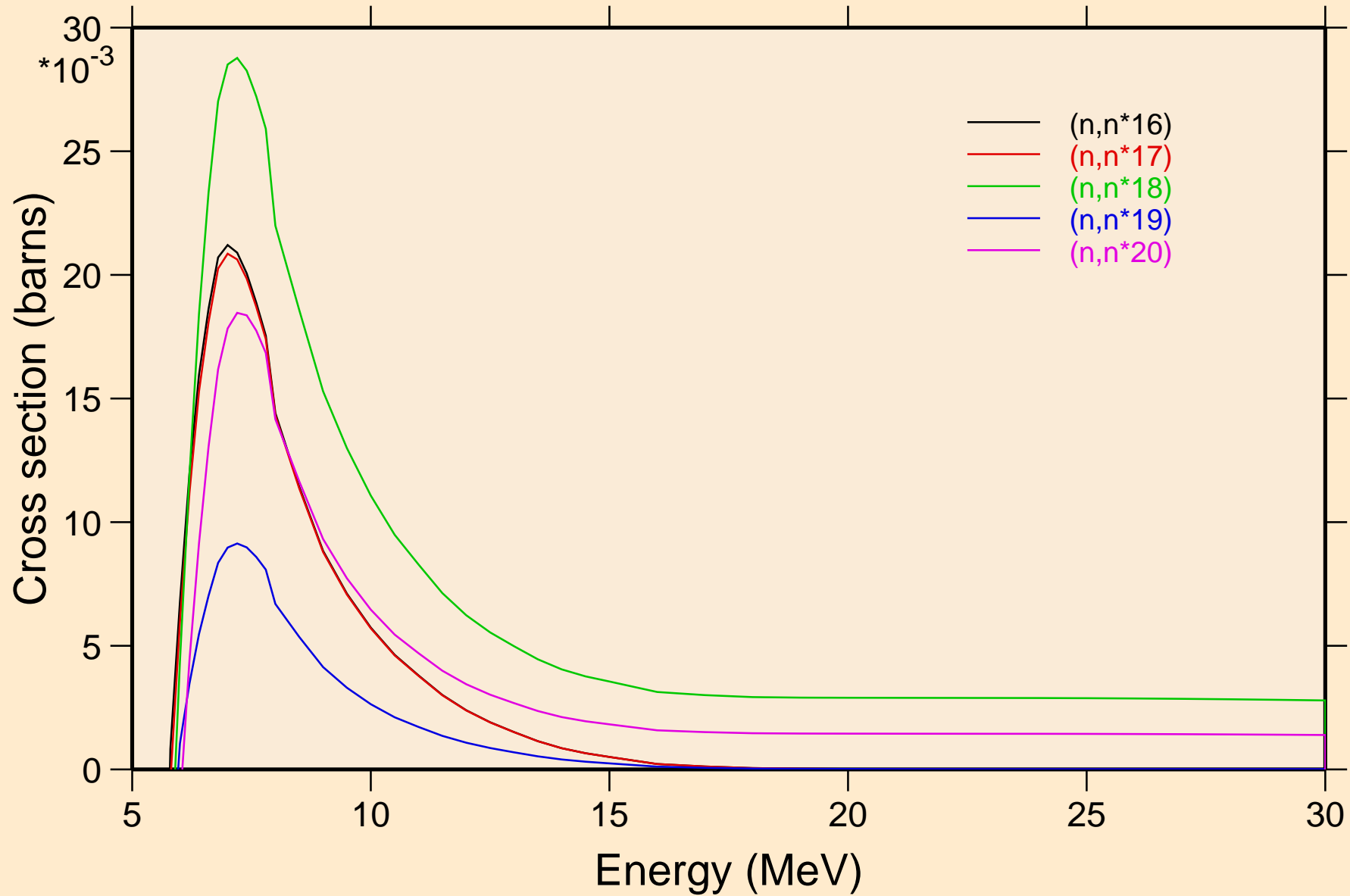




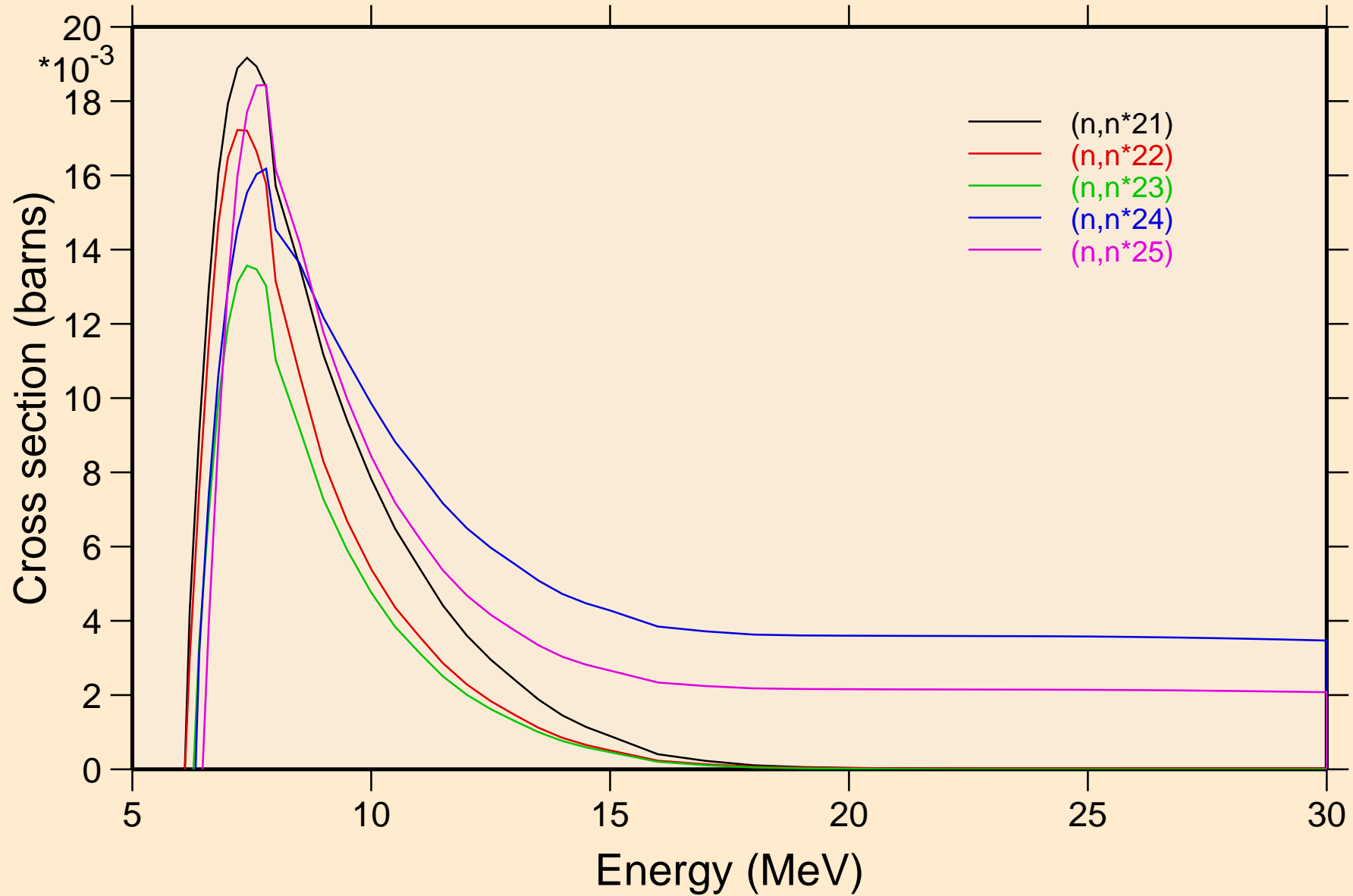
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



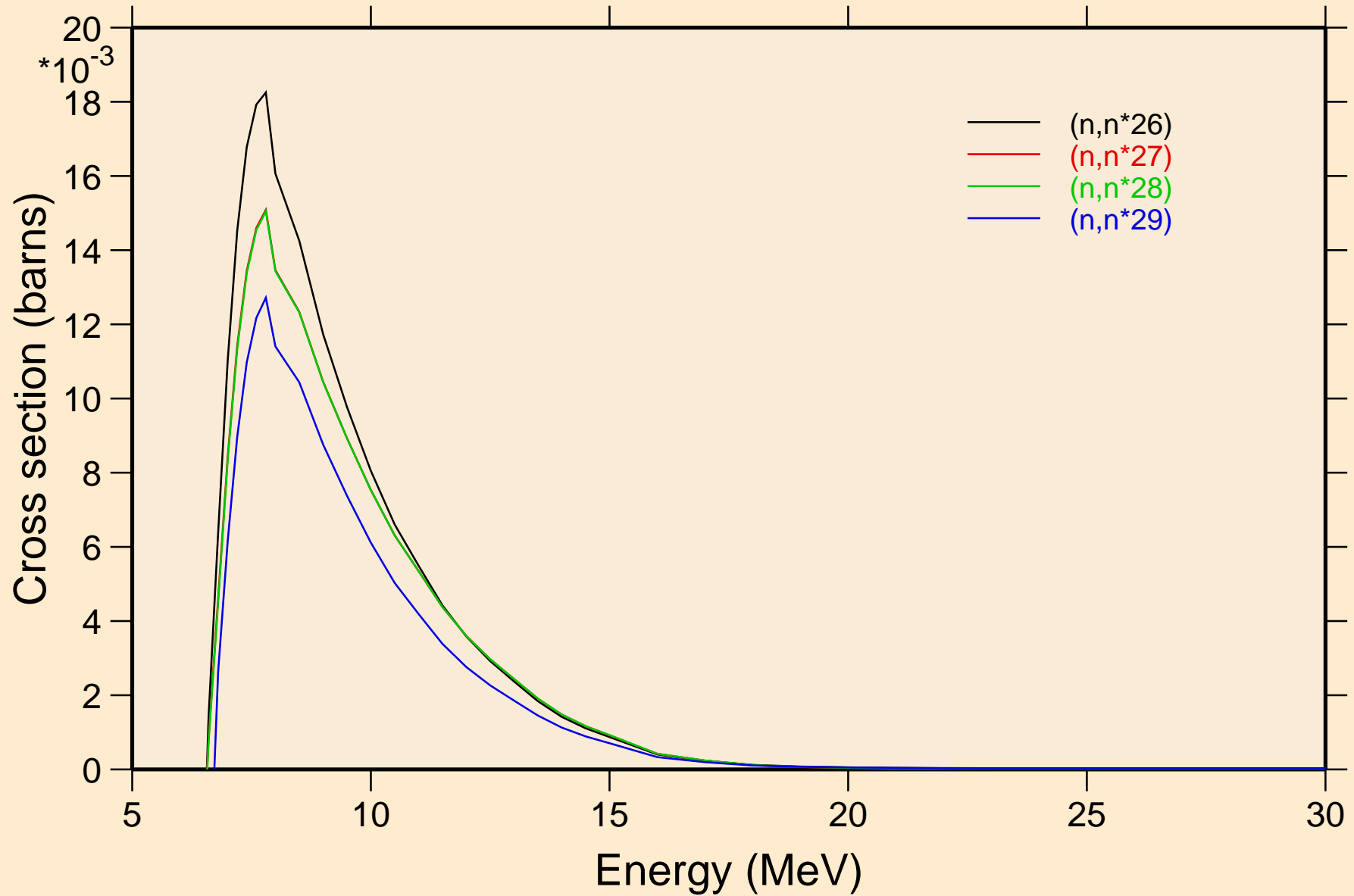
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



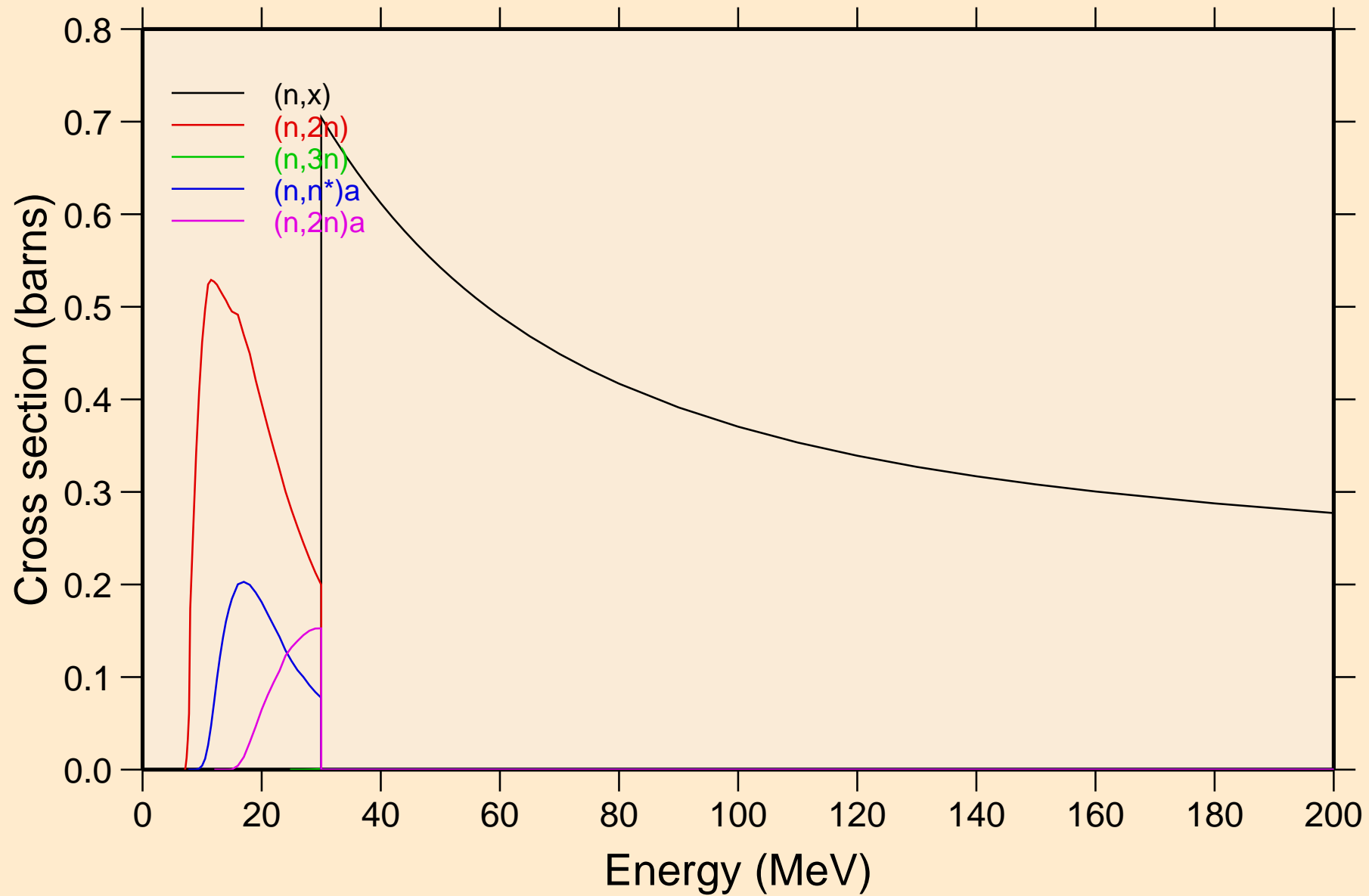
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

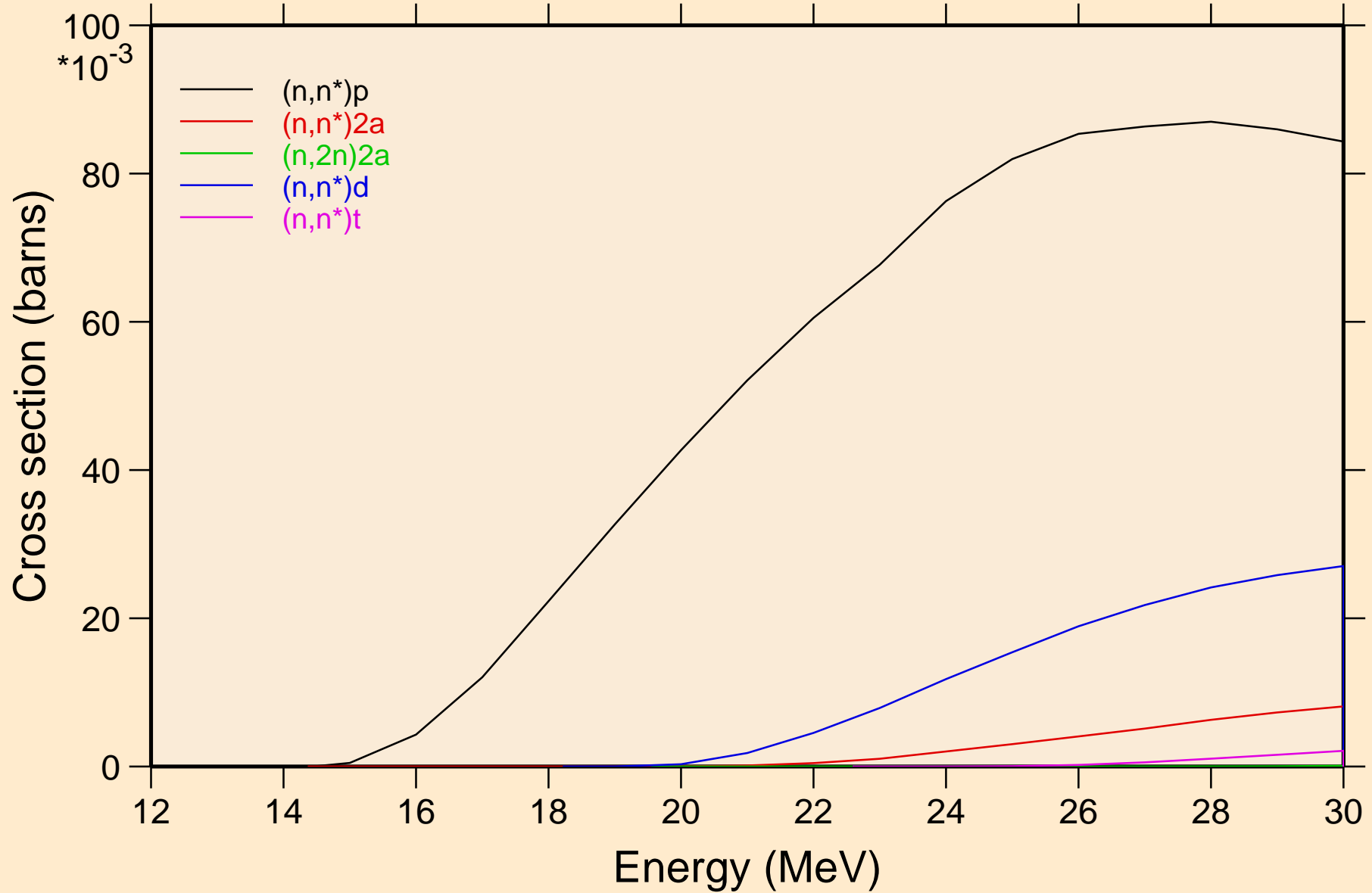


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



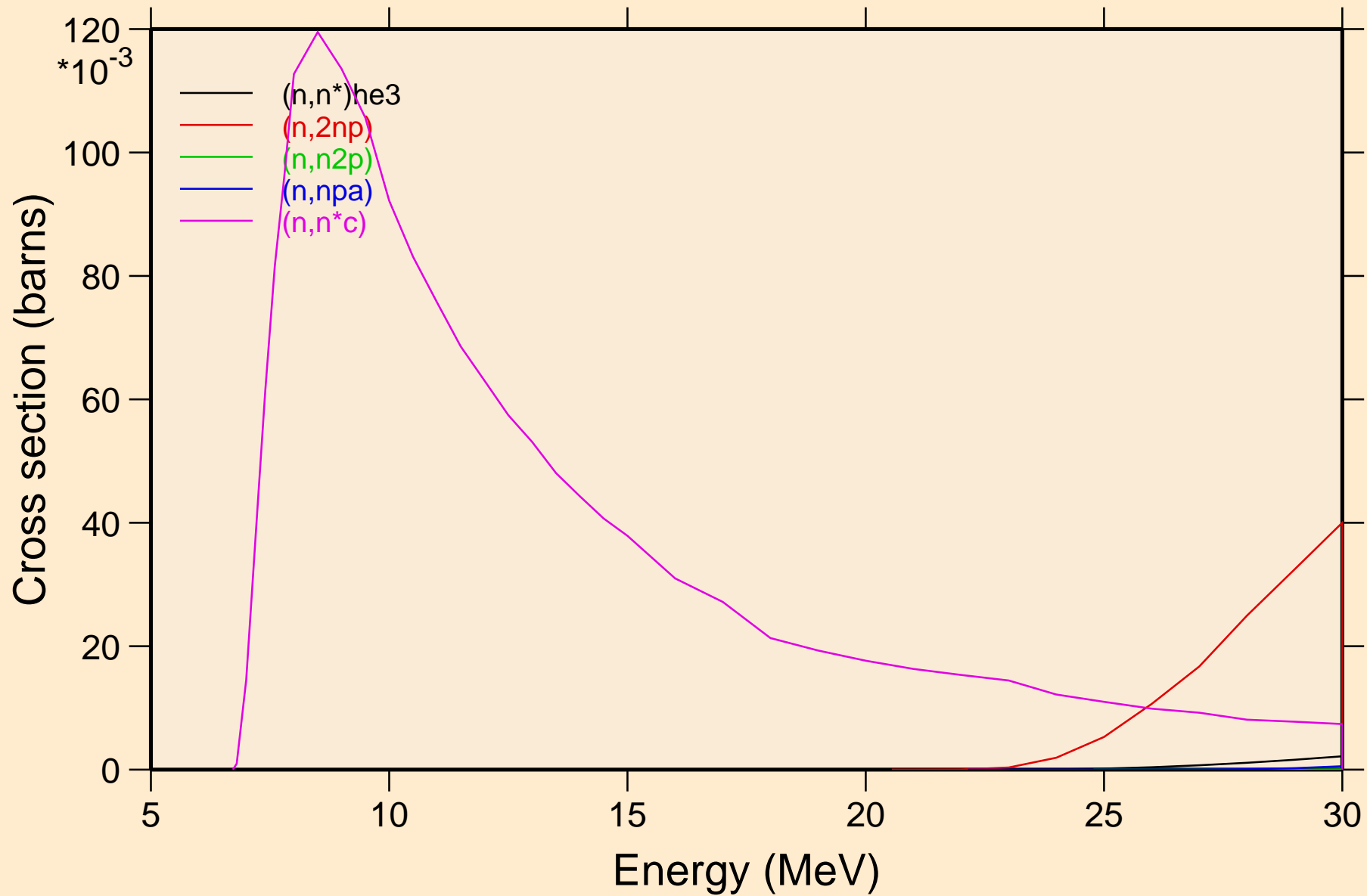
# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



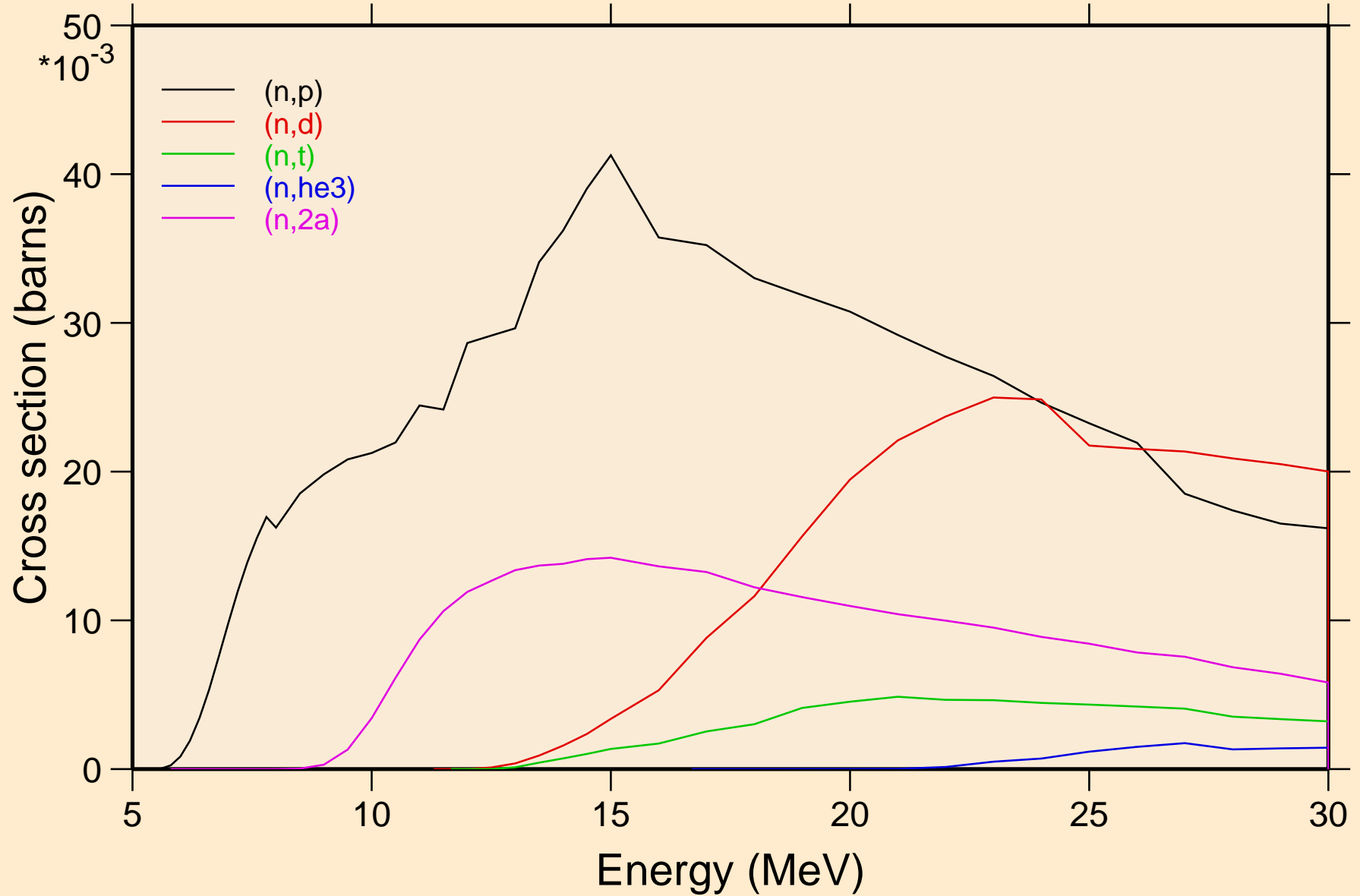
# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



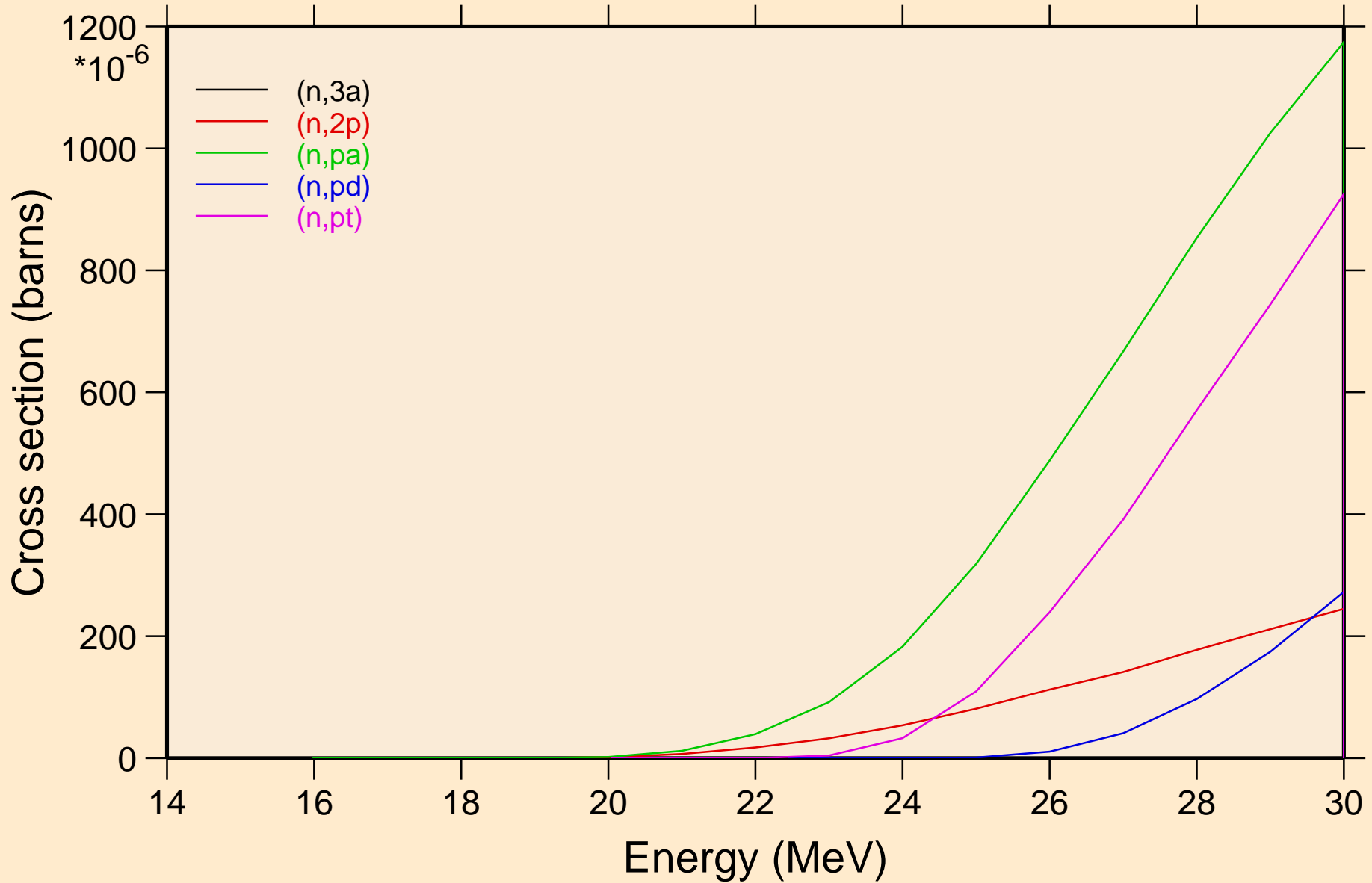
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## Threshold reactions

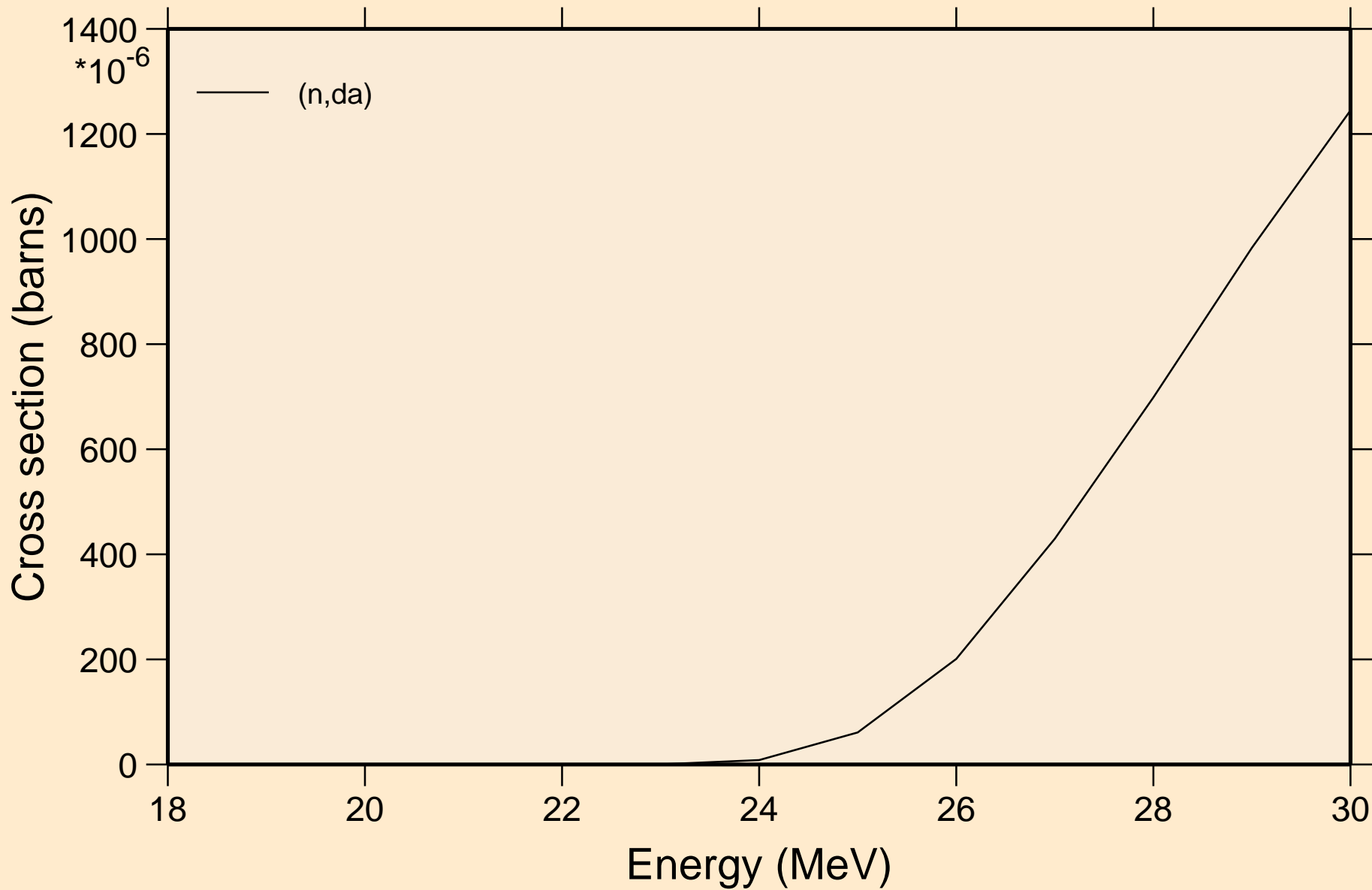




NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

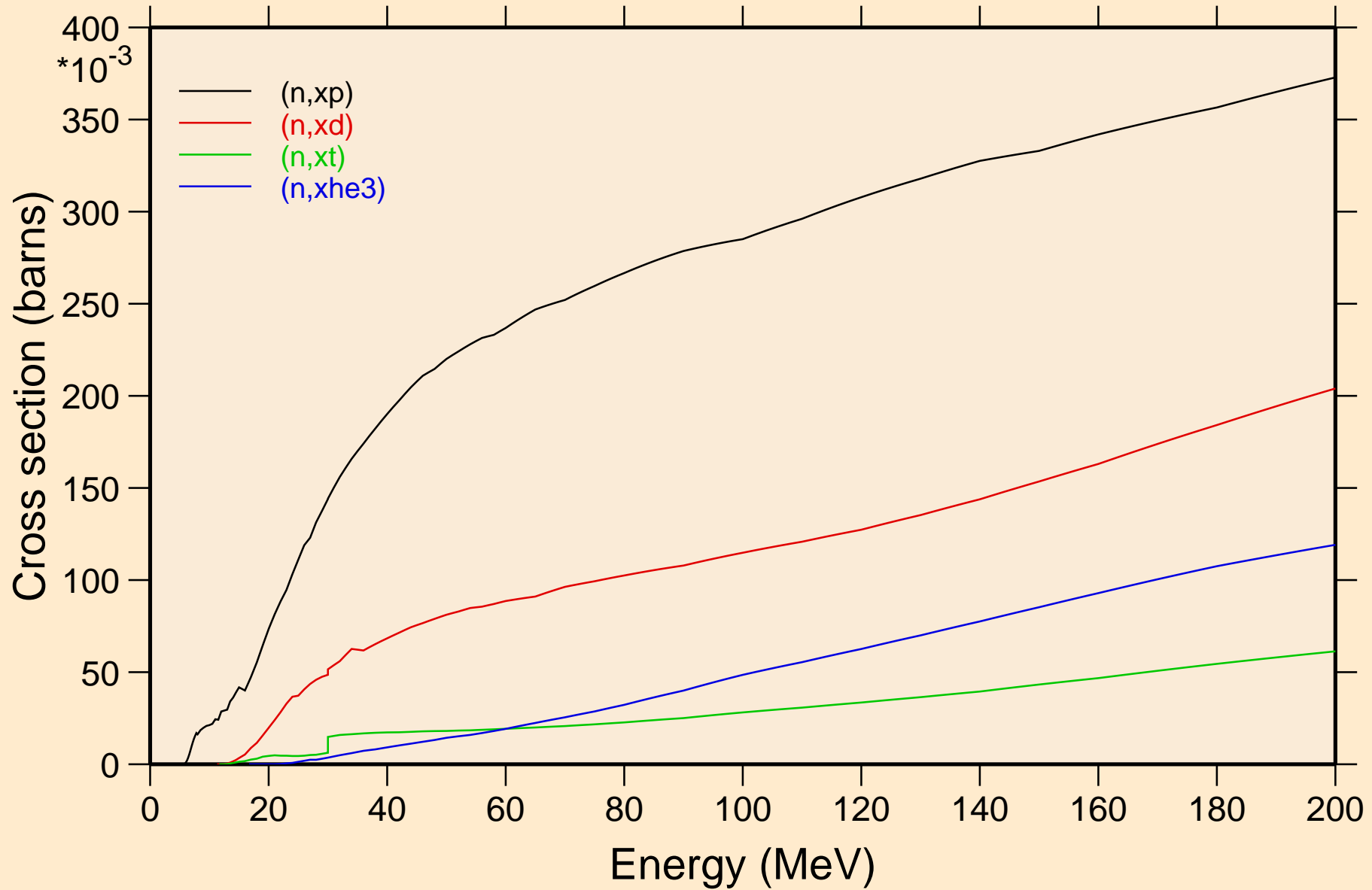


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

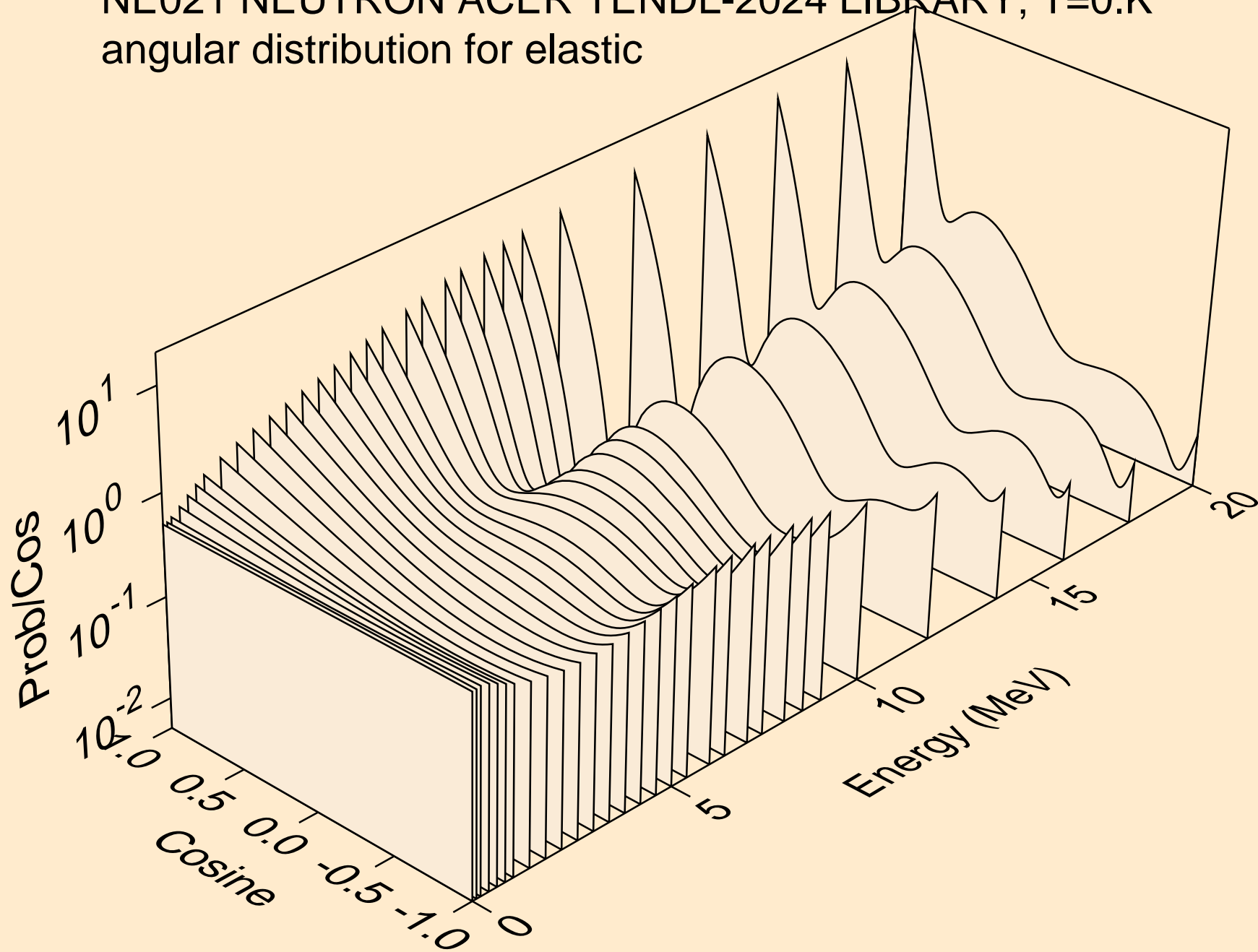


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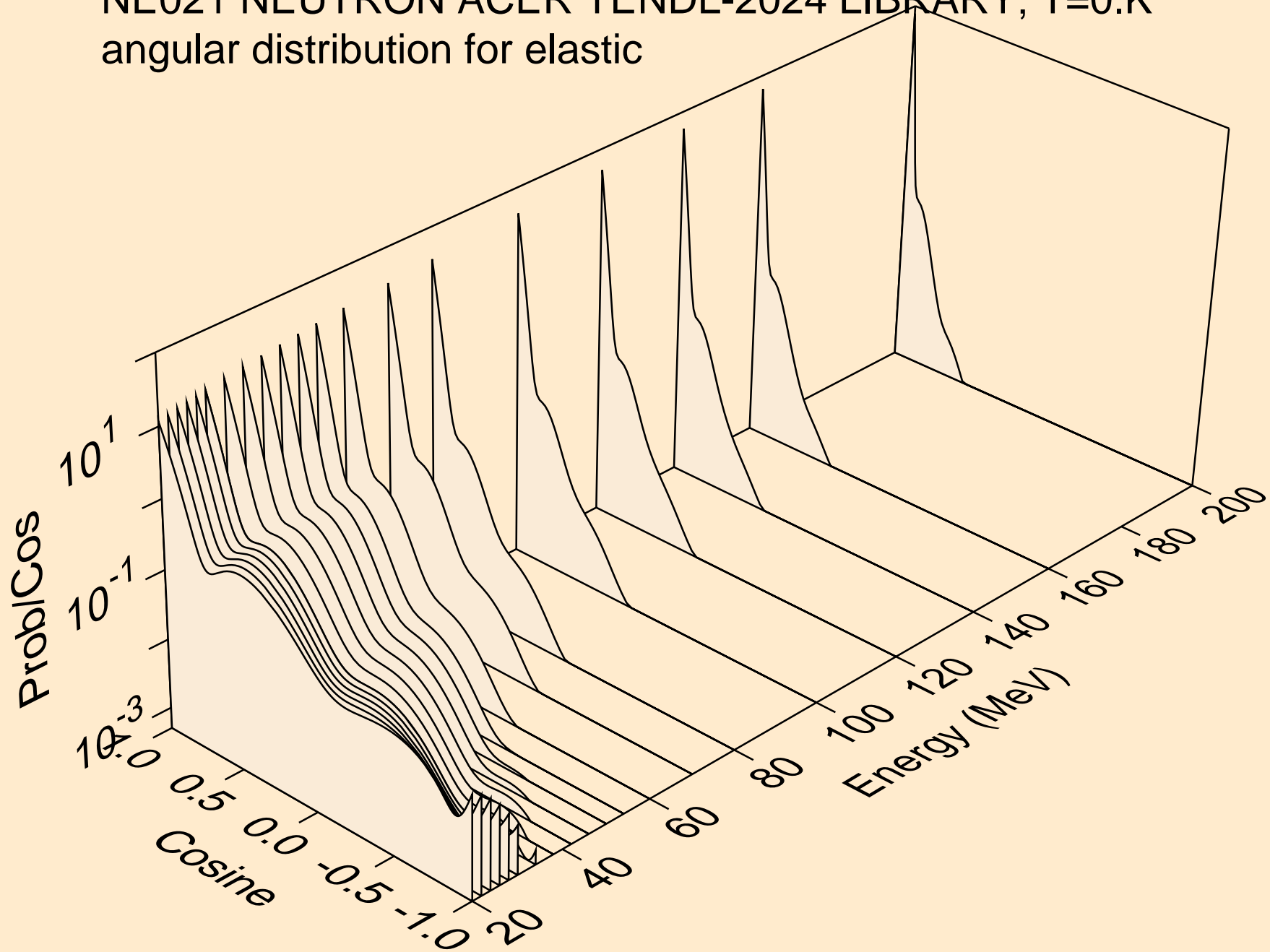
## Threshold reactions



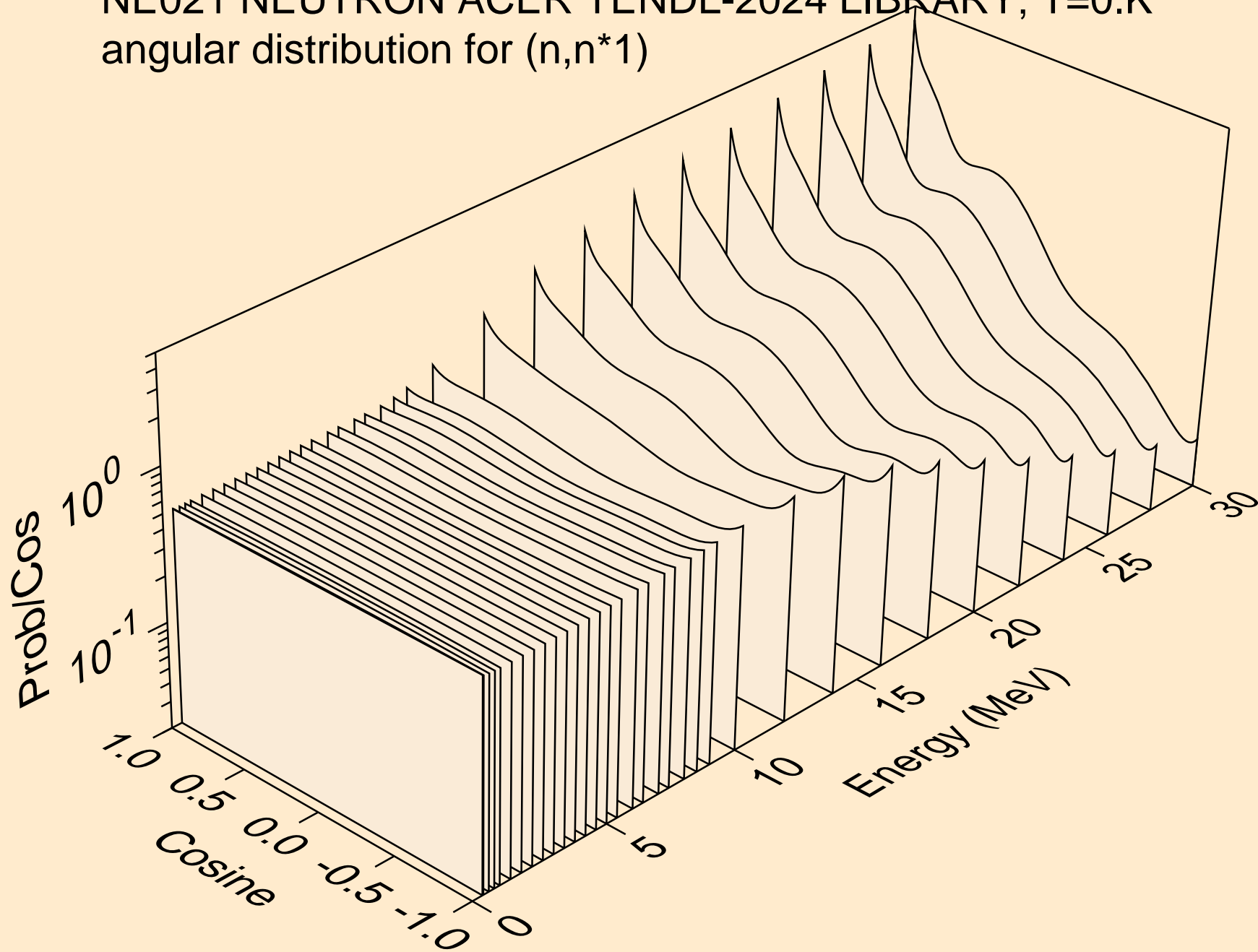
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



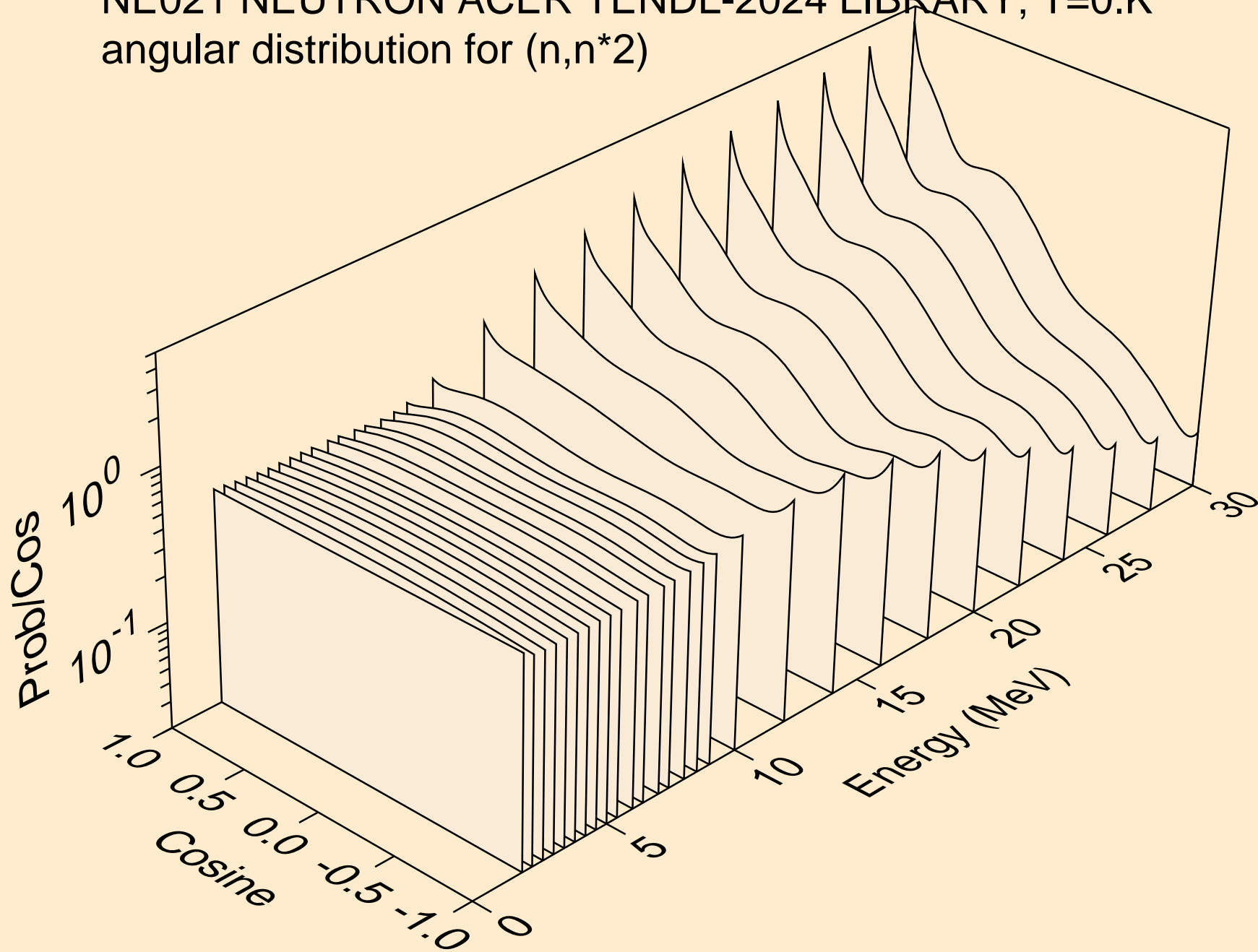
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



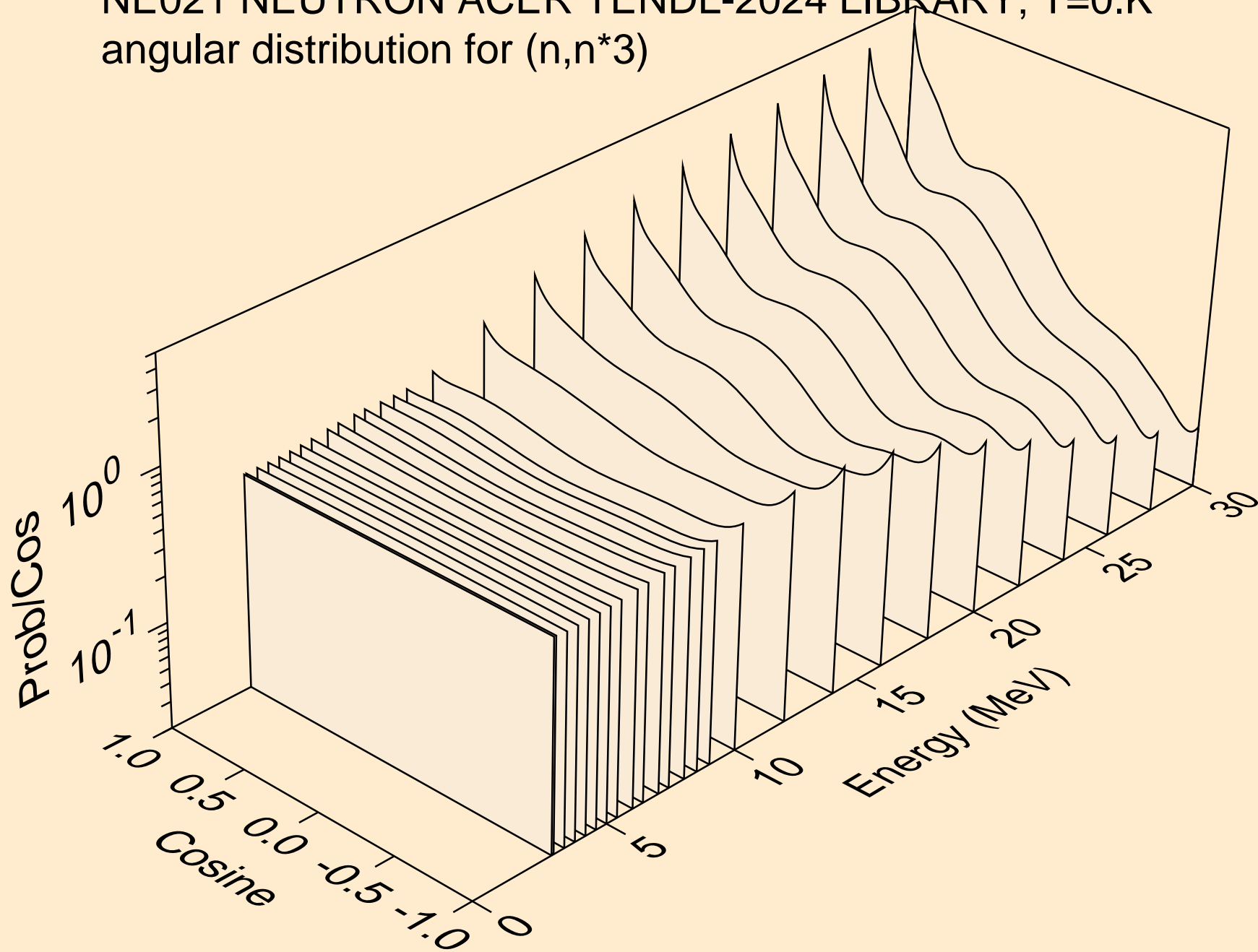
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

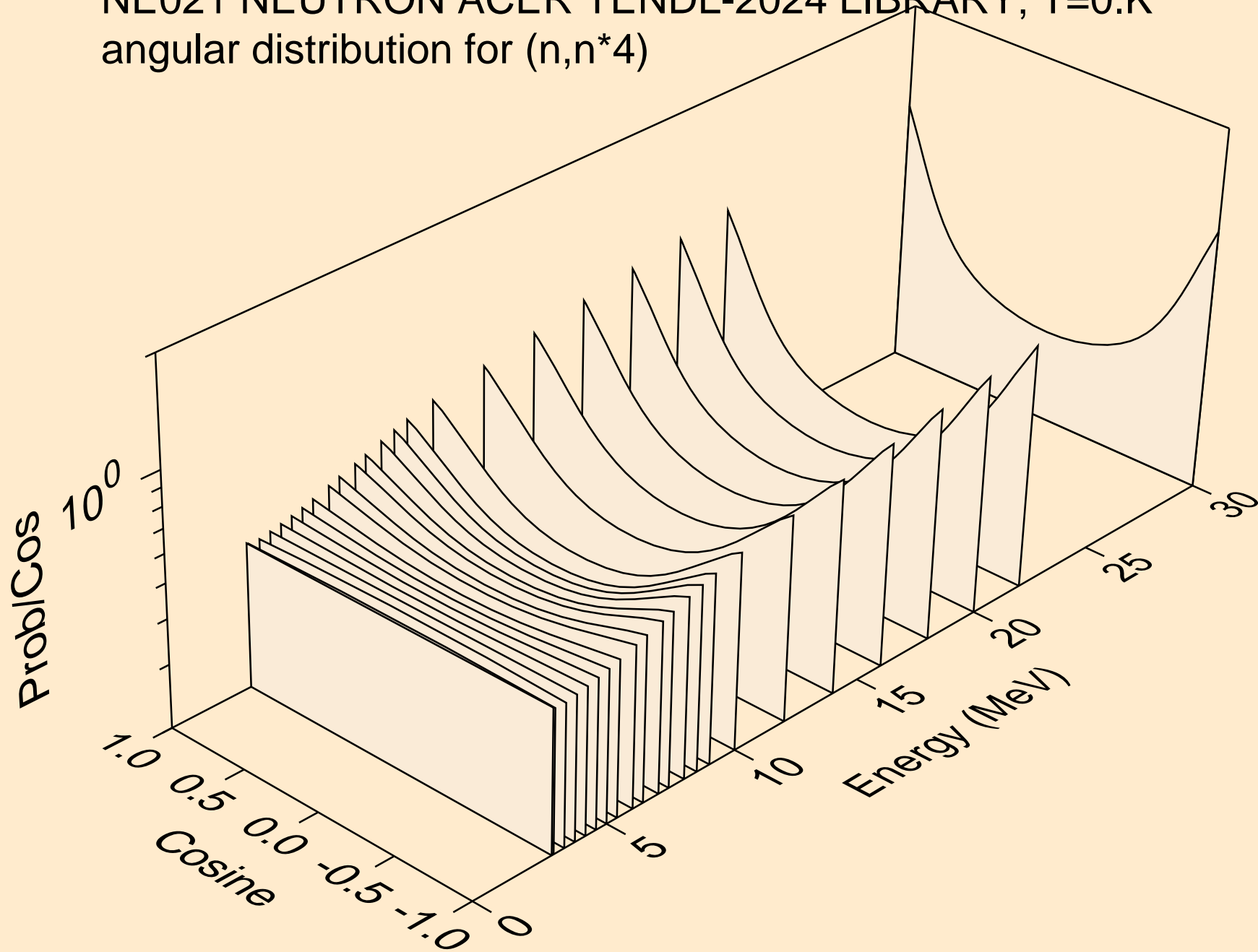


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

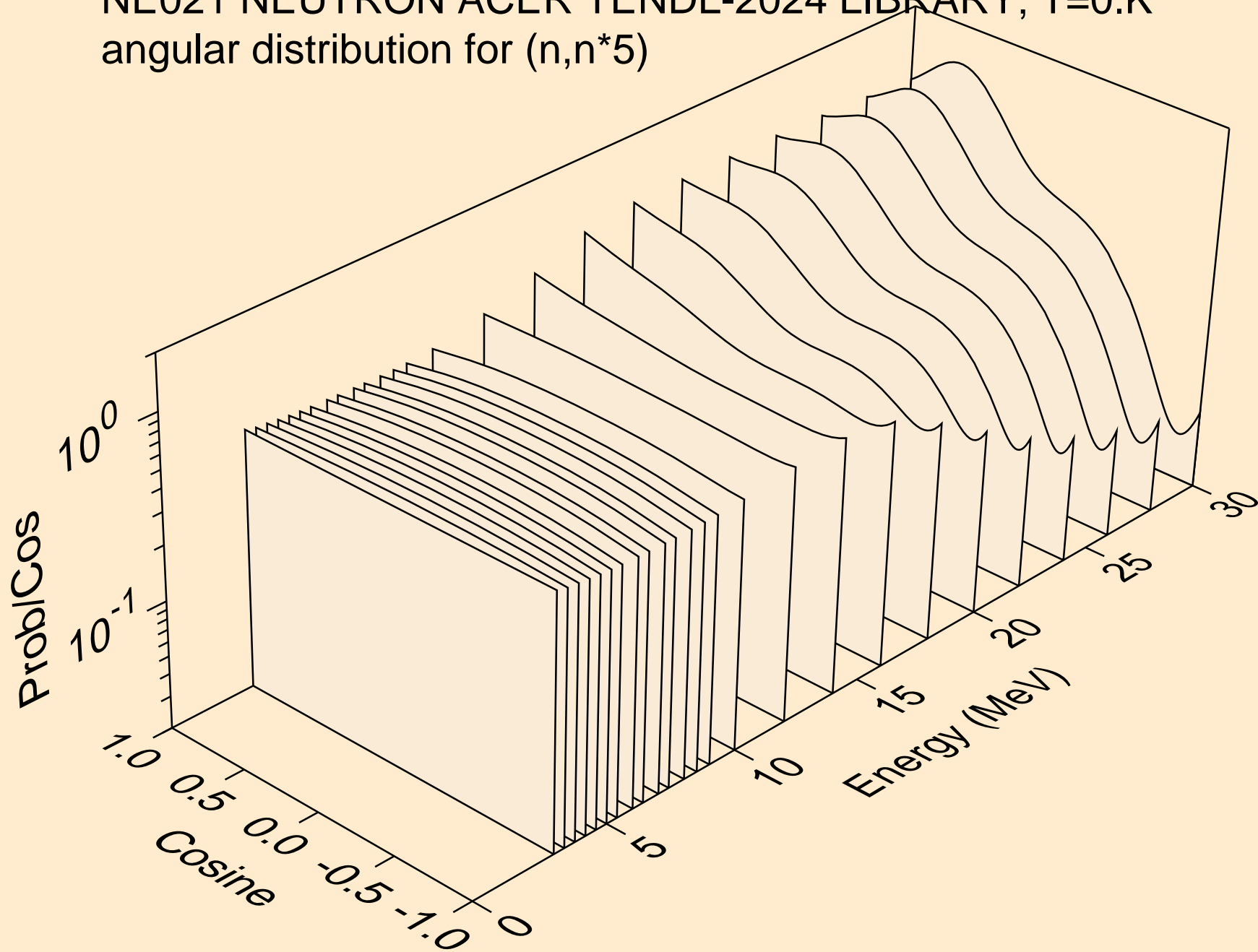




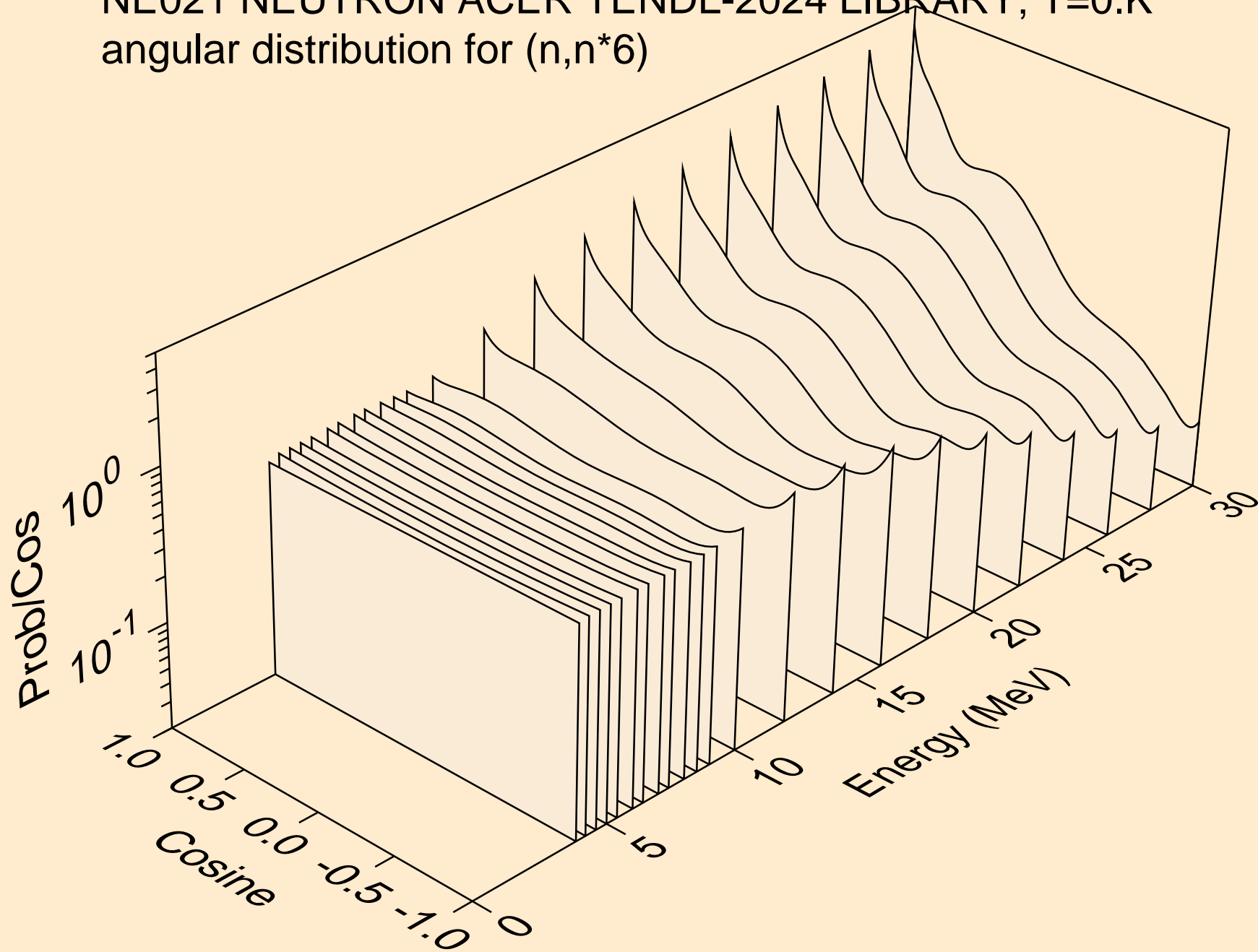
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



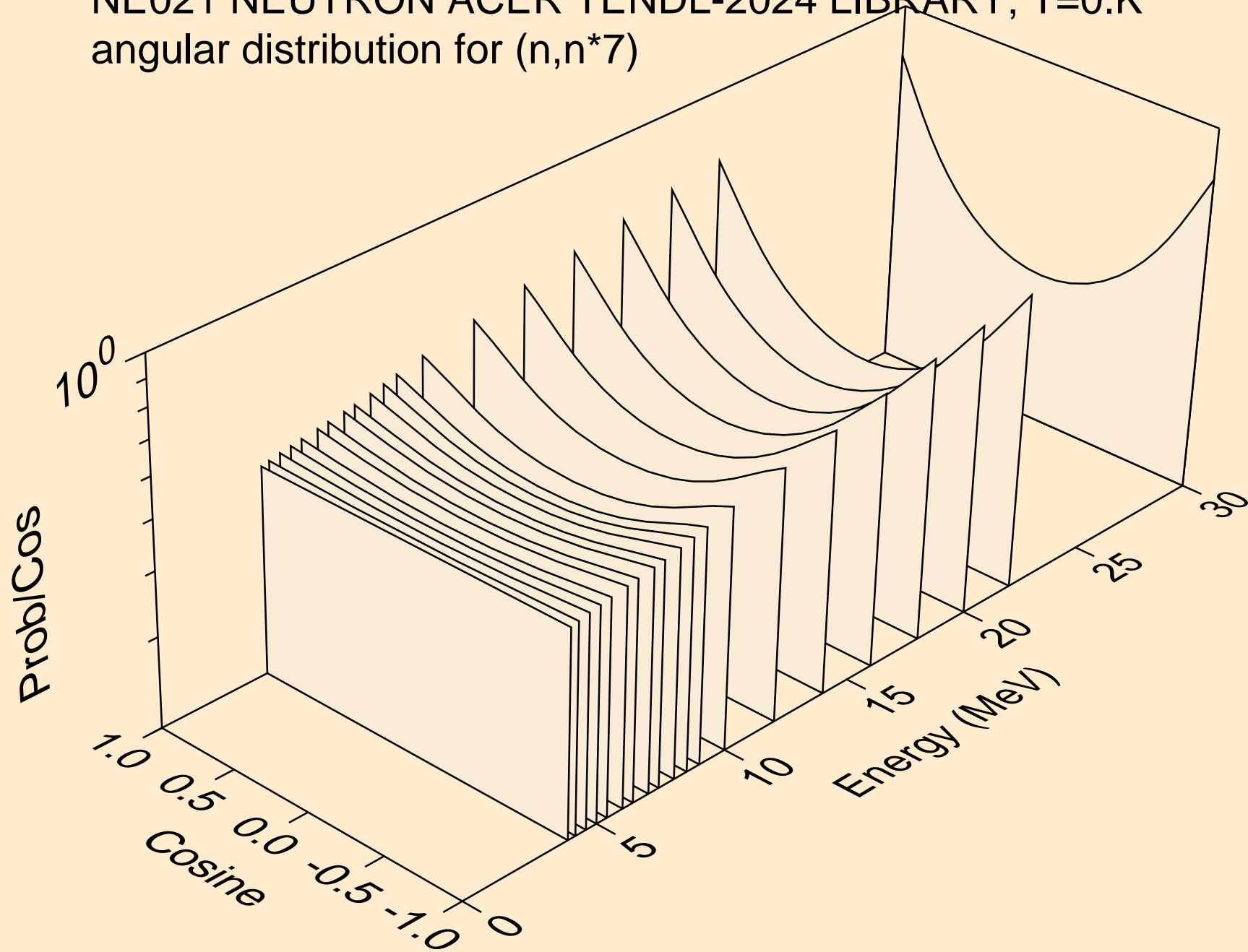
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



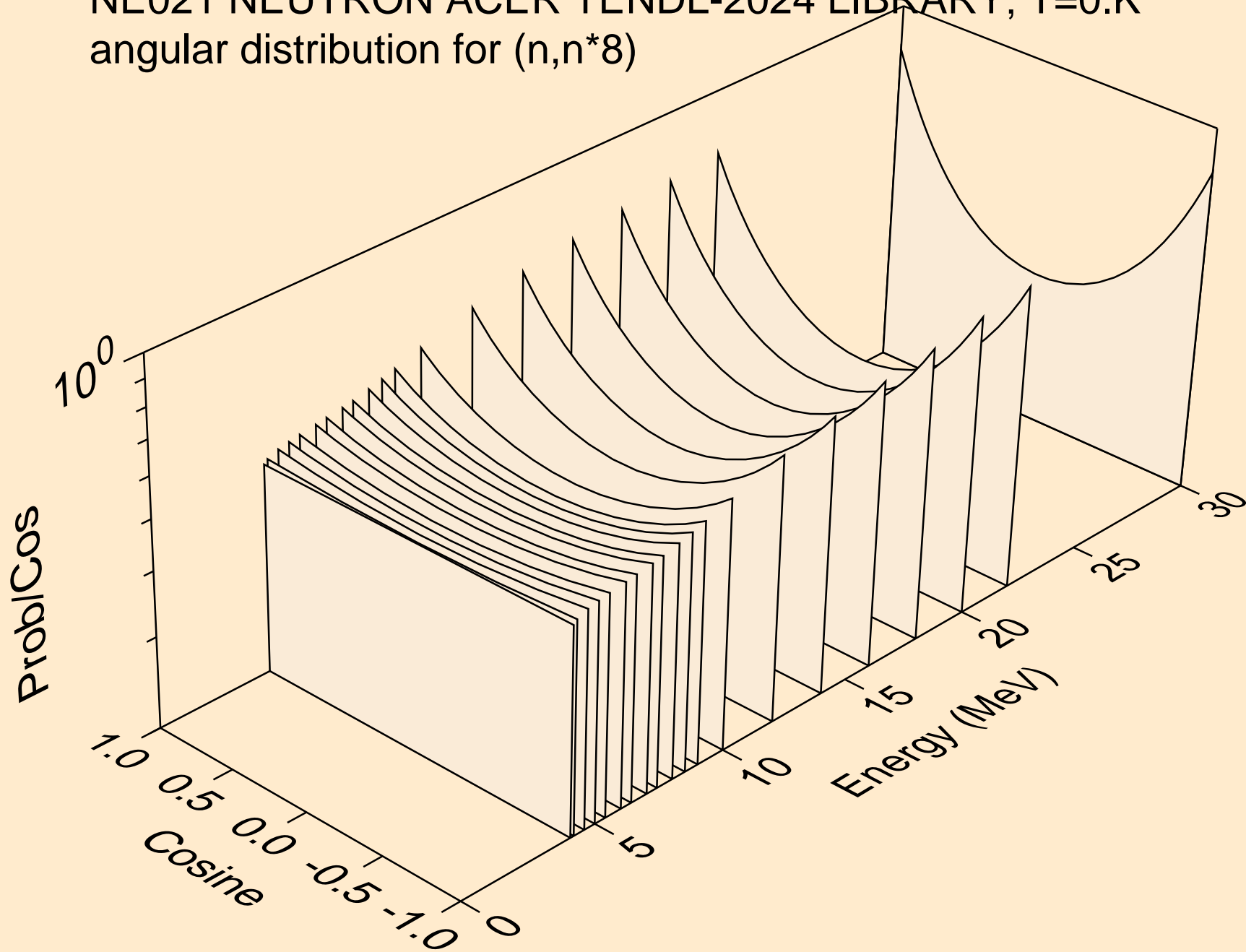
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



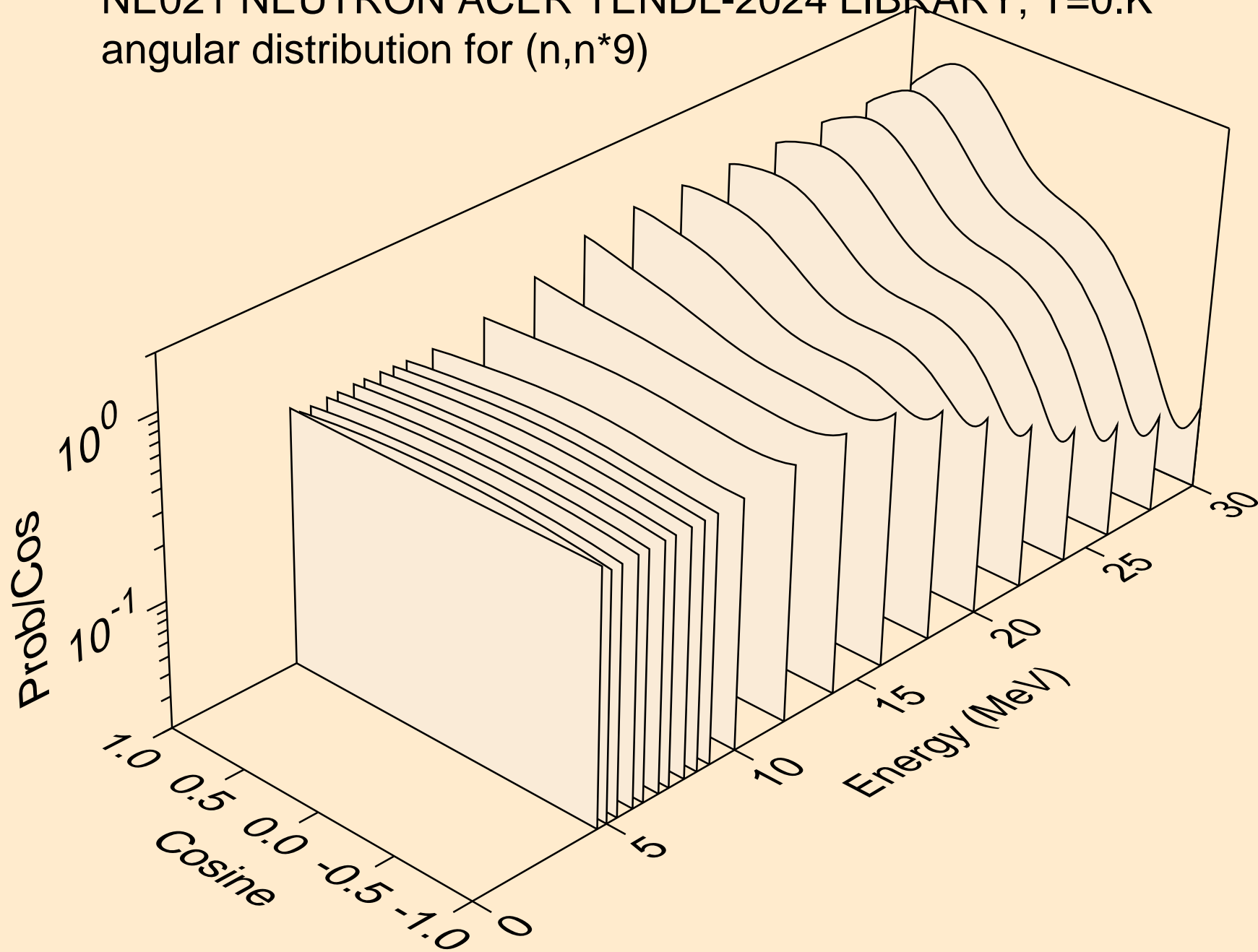
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



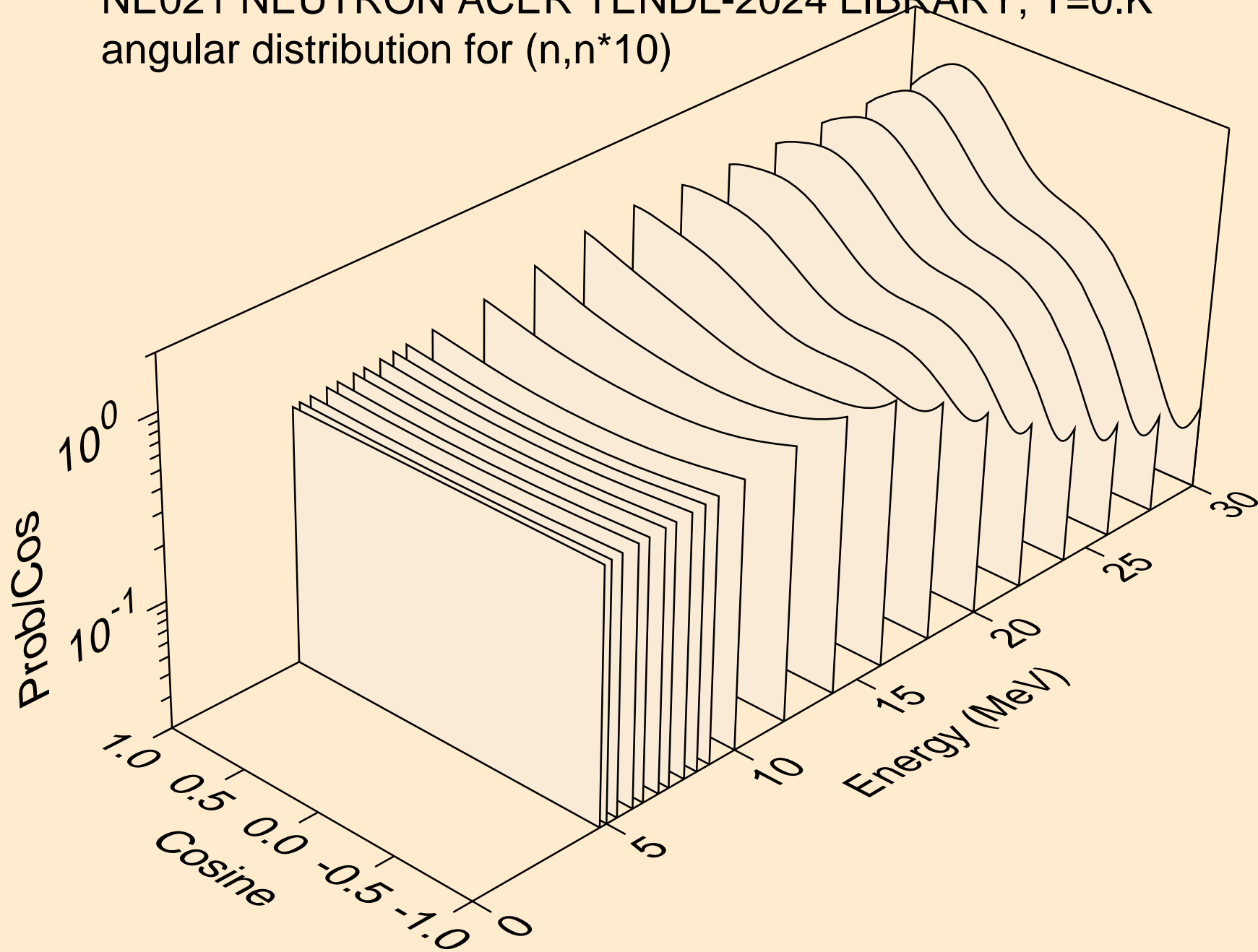
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angular distribution for (n,n\*8)



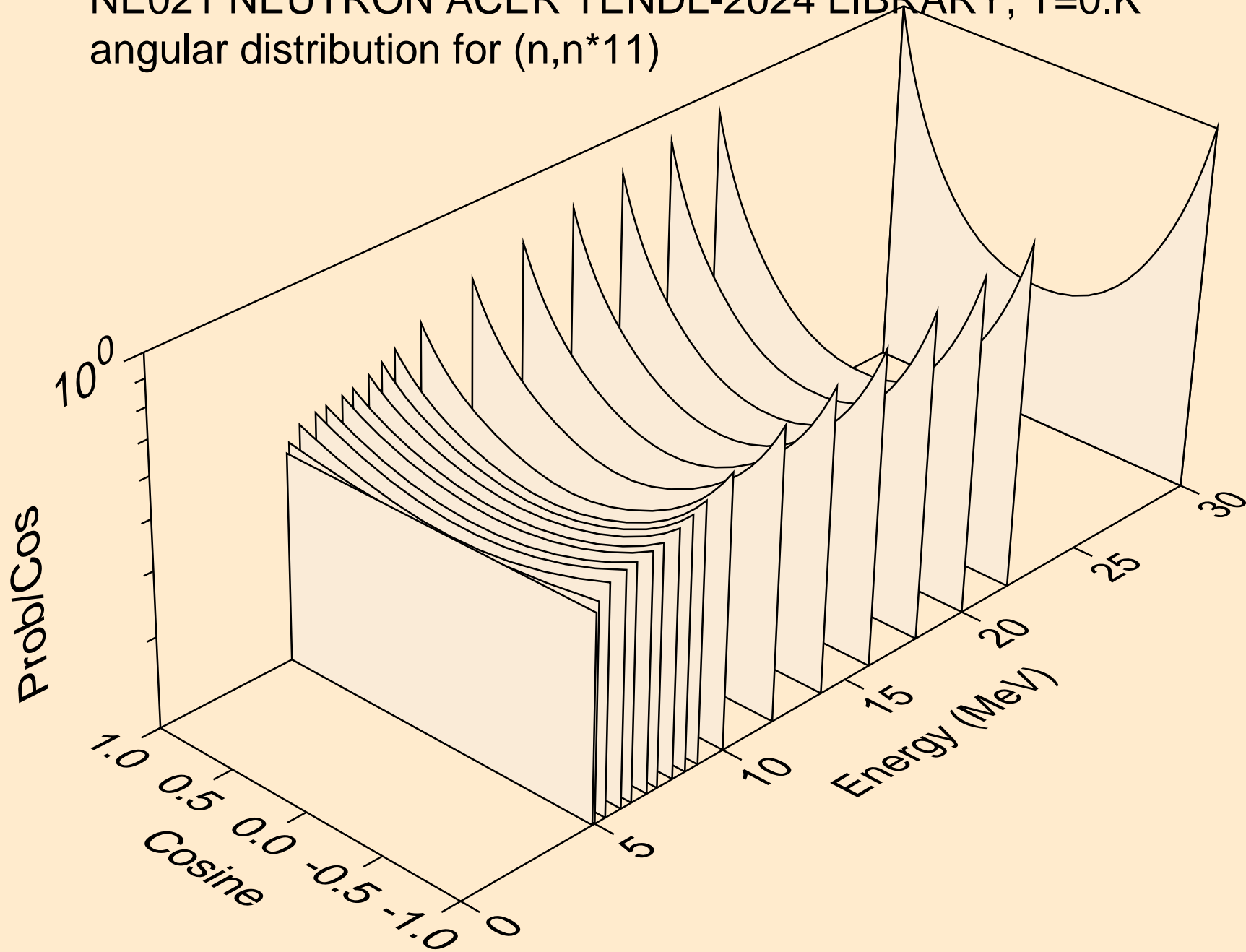
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

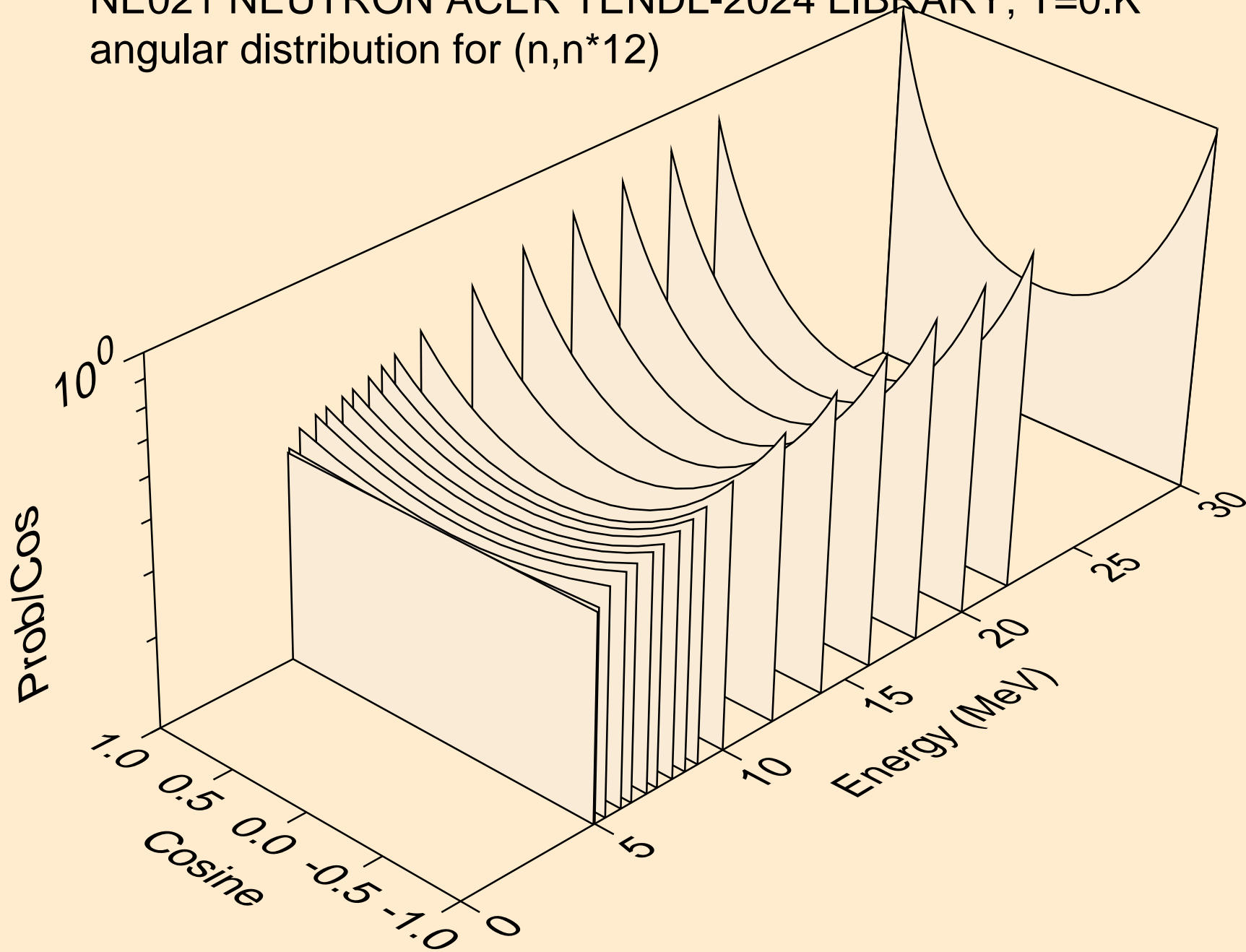


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

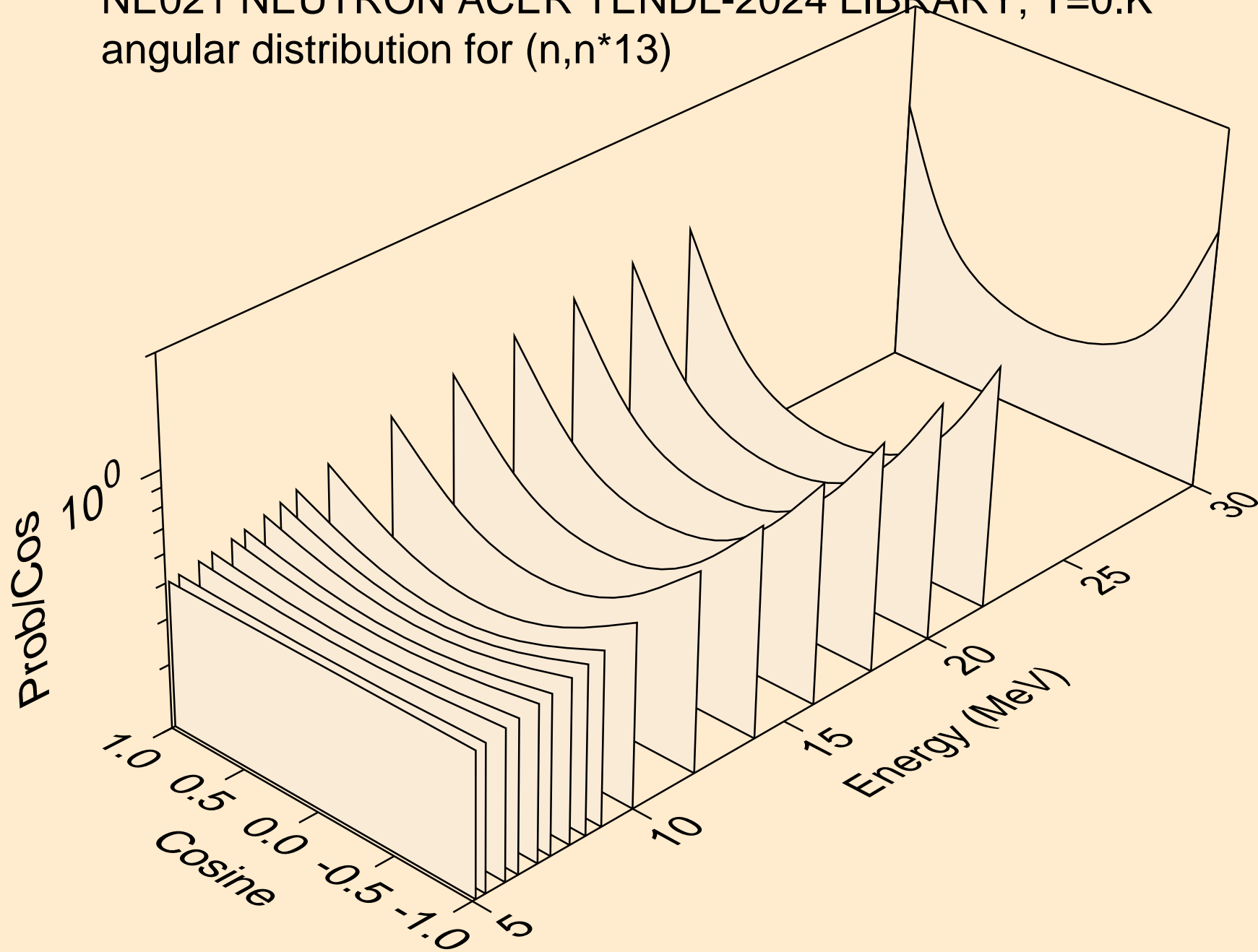




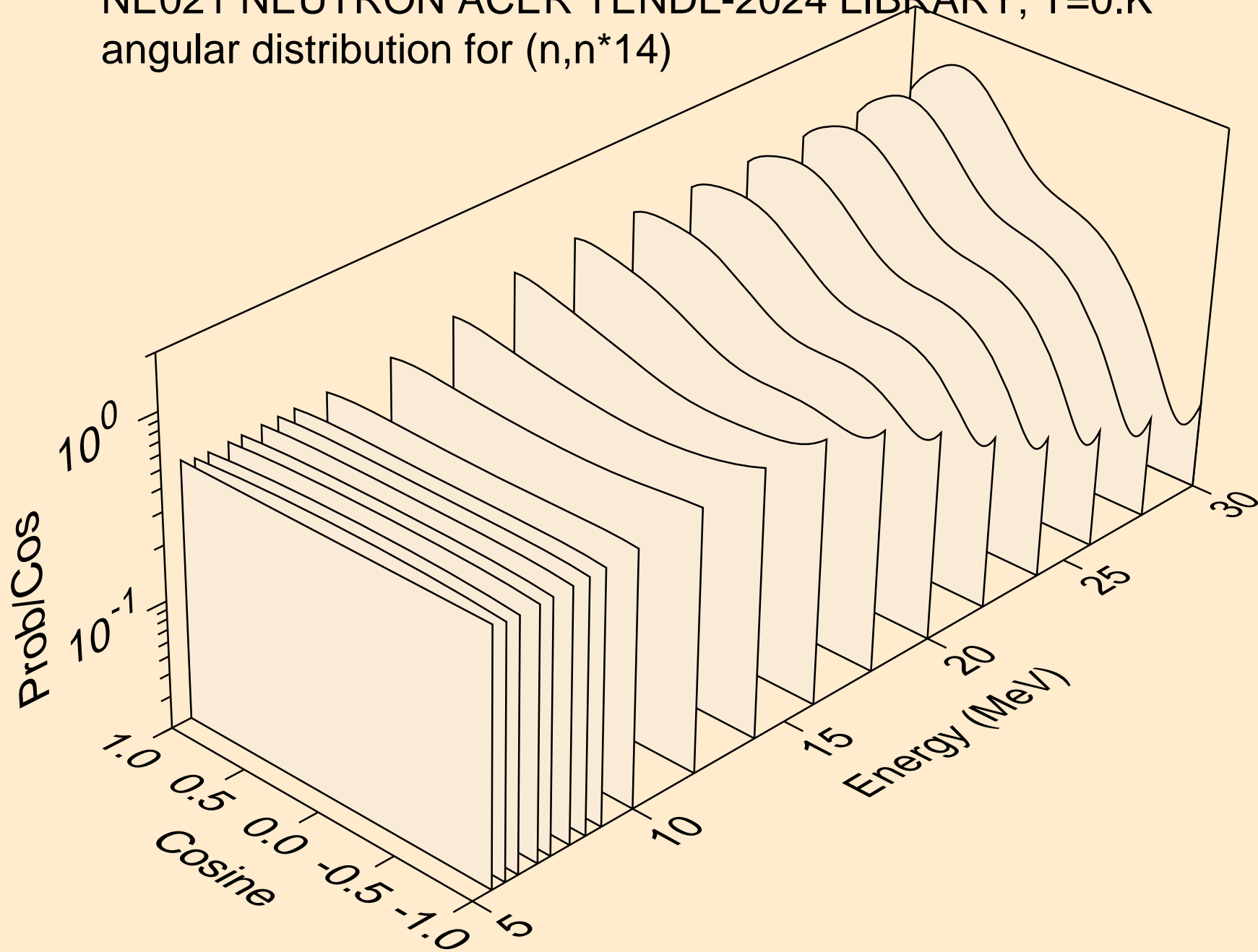
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



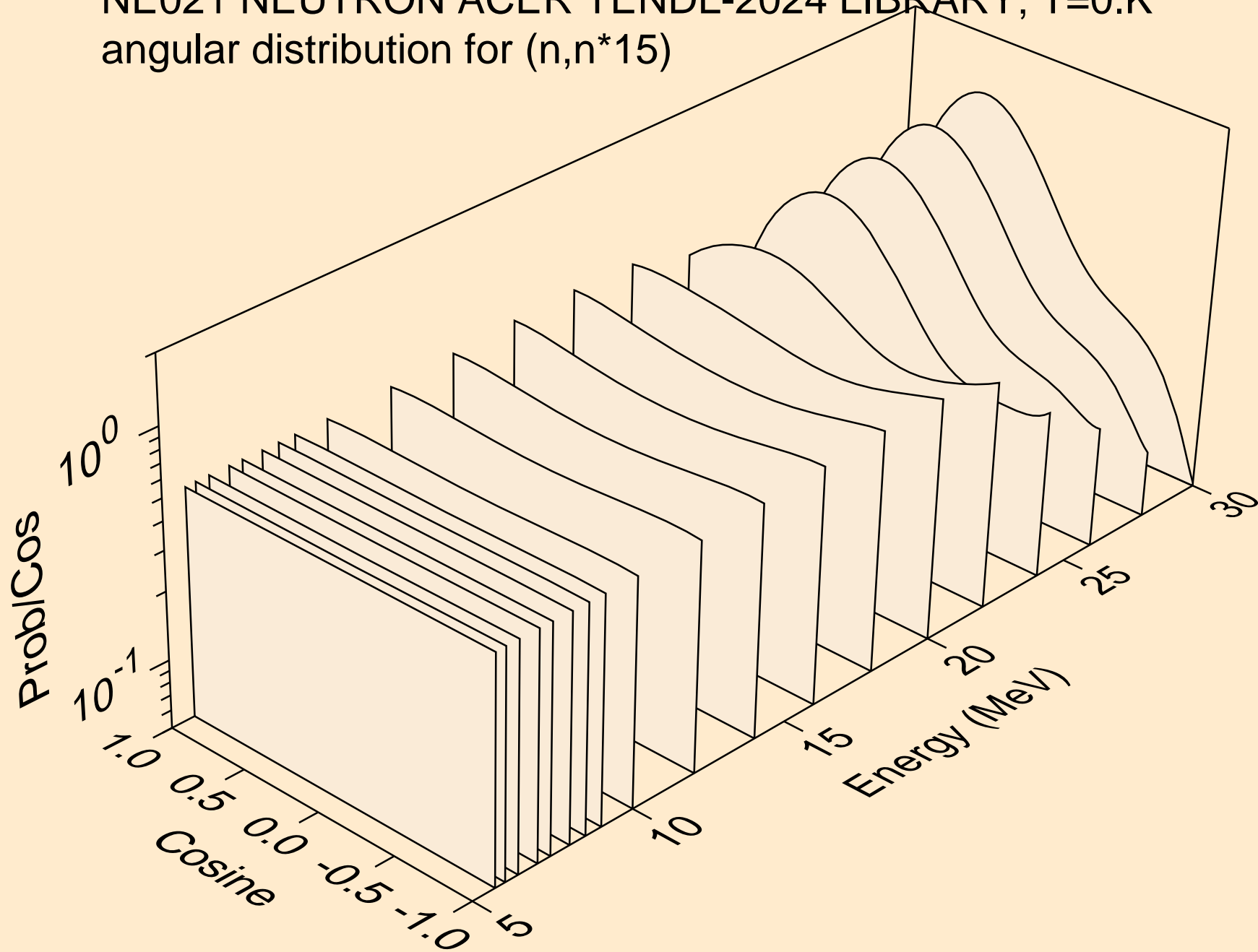
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angular distribution for (n,n\*13)



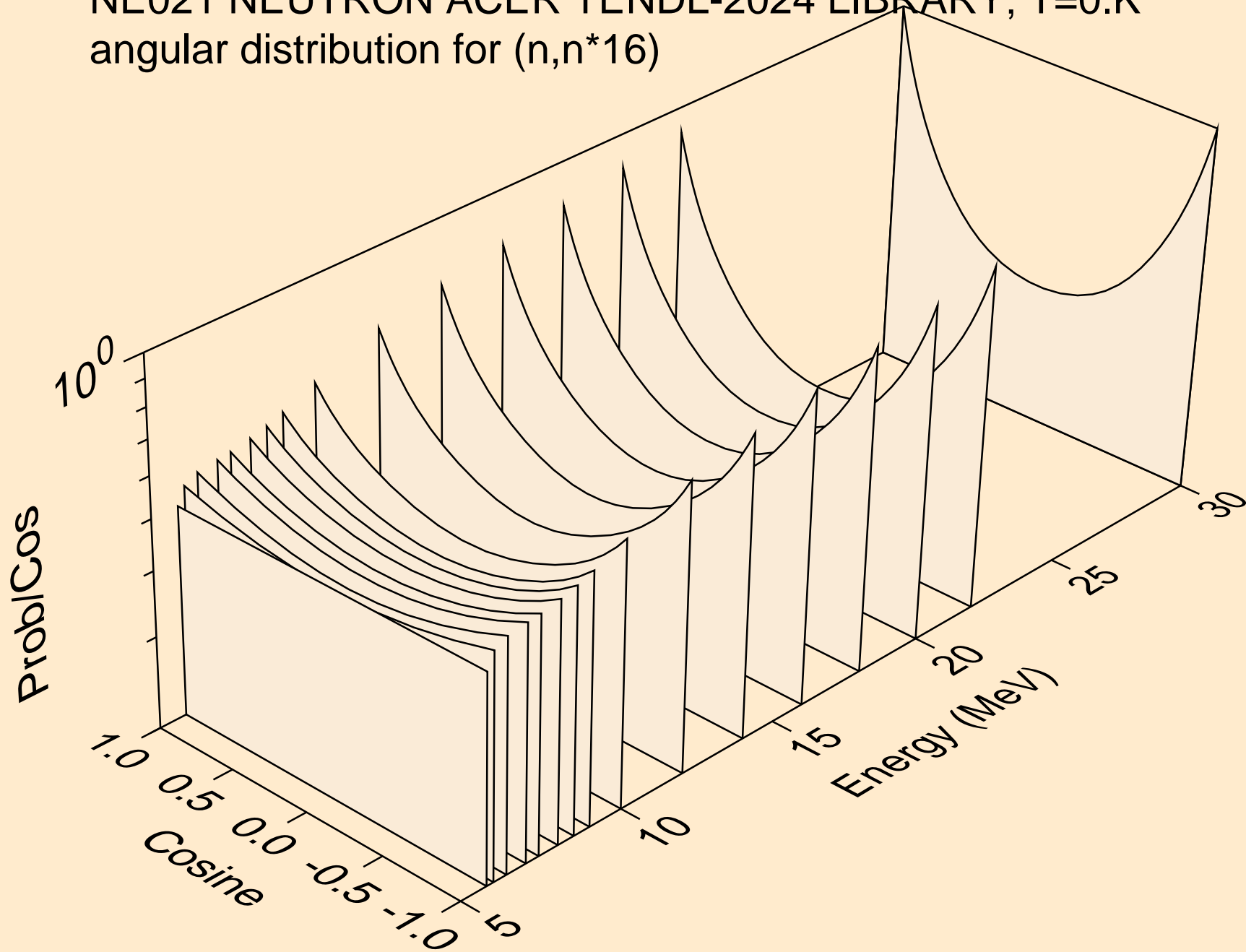
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angular distribution for (n,n\*14)



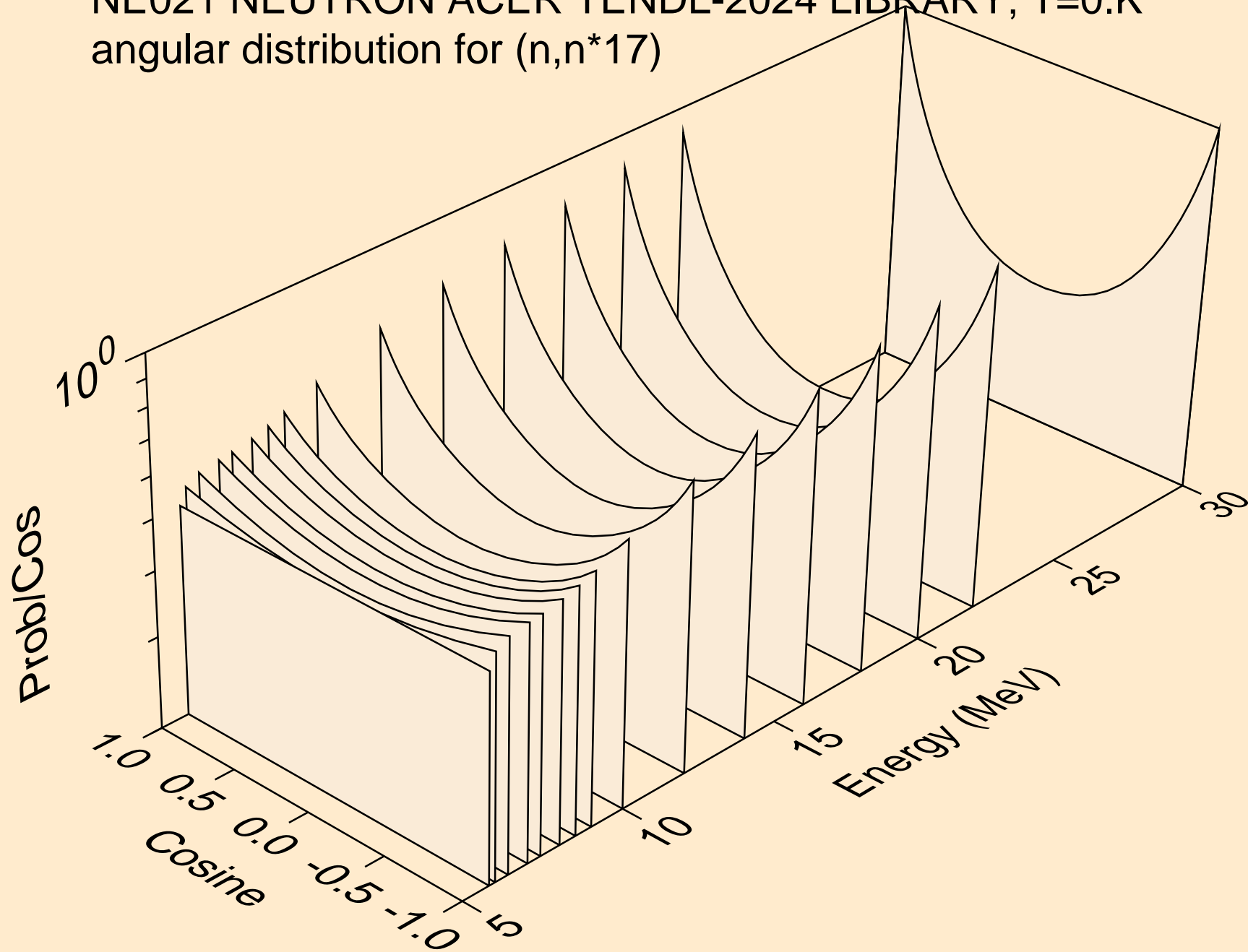
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angular distribution for (n,n\*15)



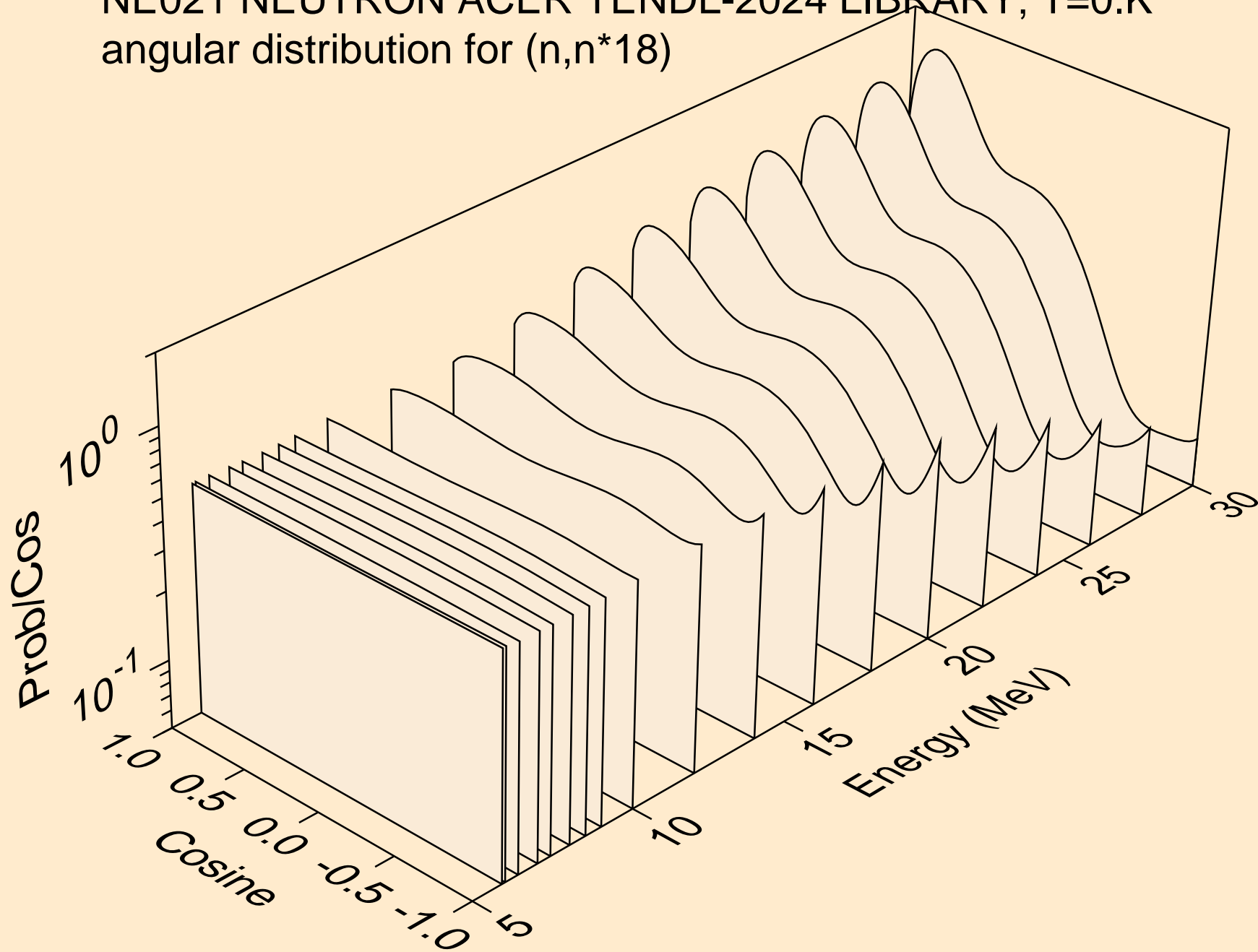
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angular distribution for (n,n\*16)



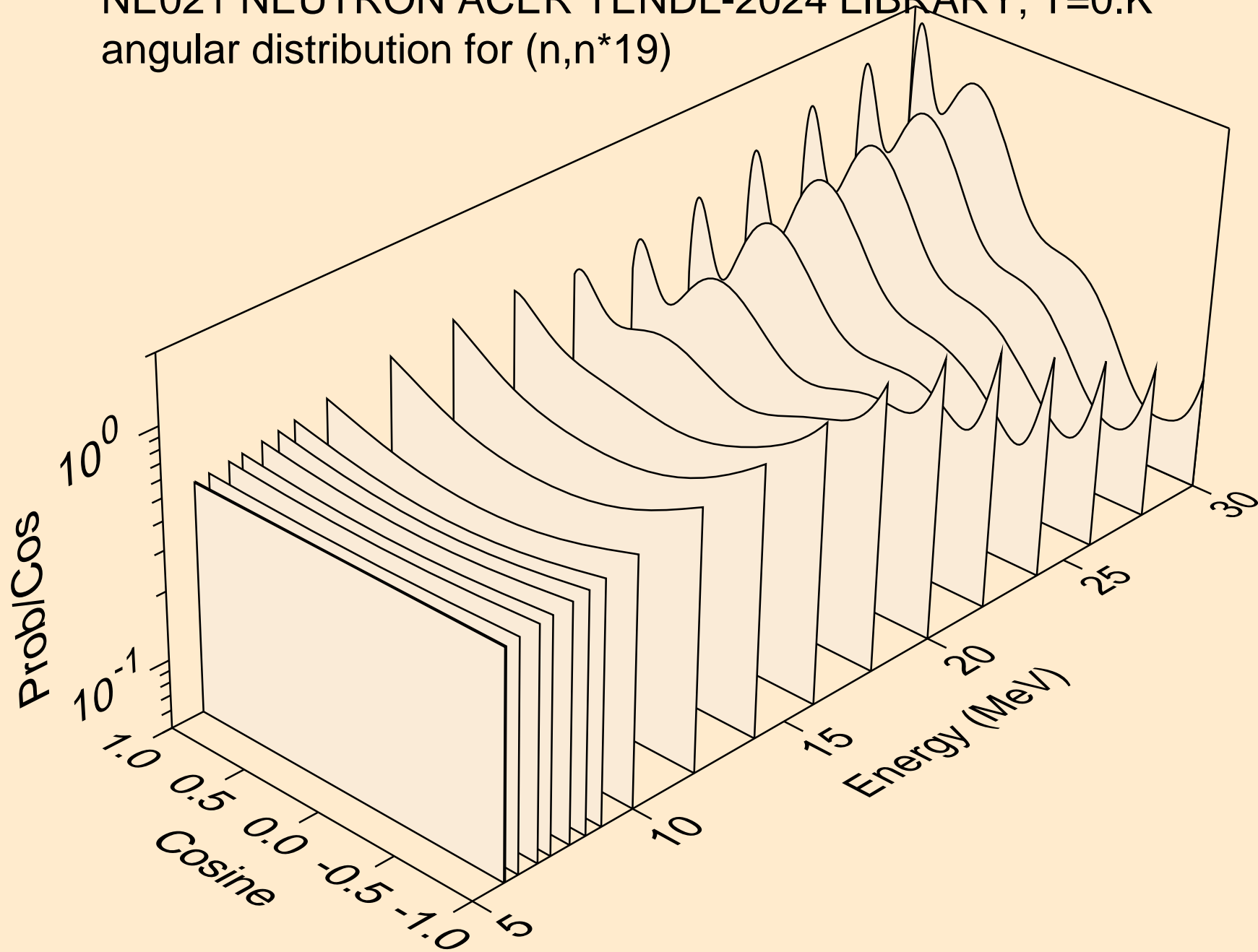
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

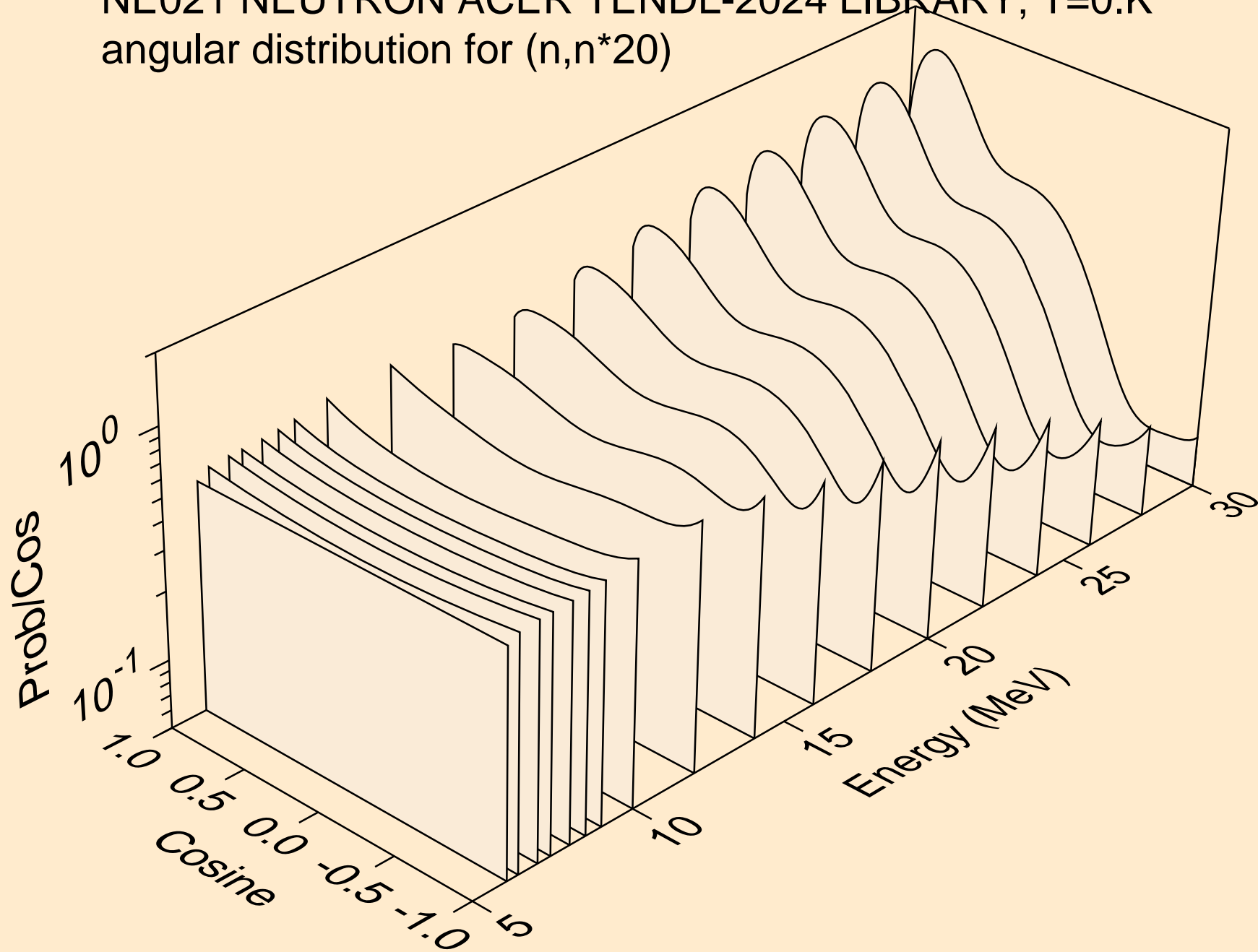


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

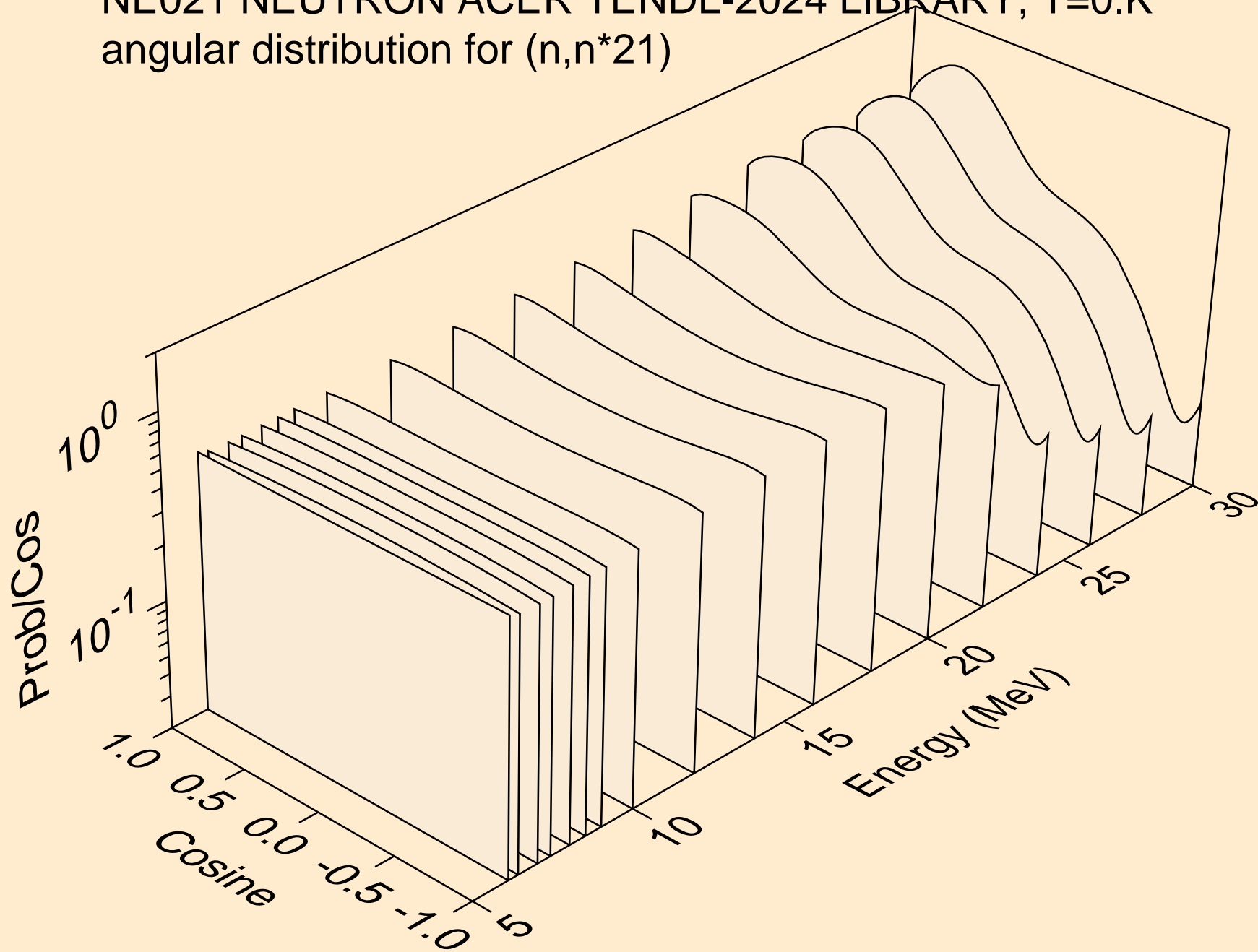




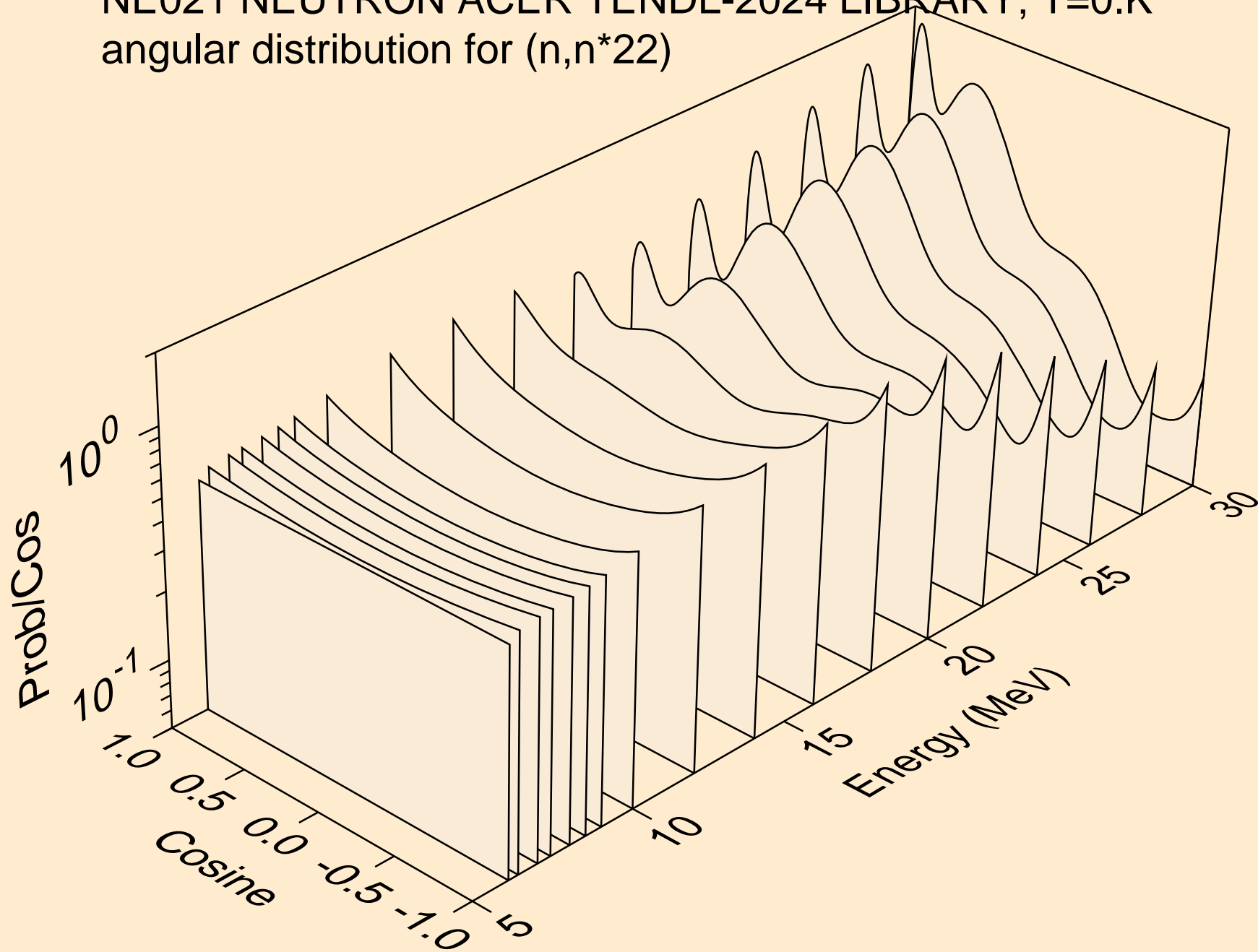
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angular distribution for (n,n\*20)



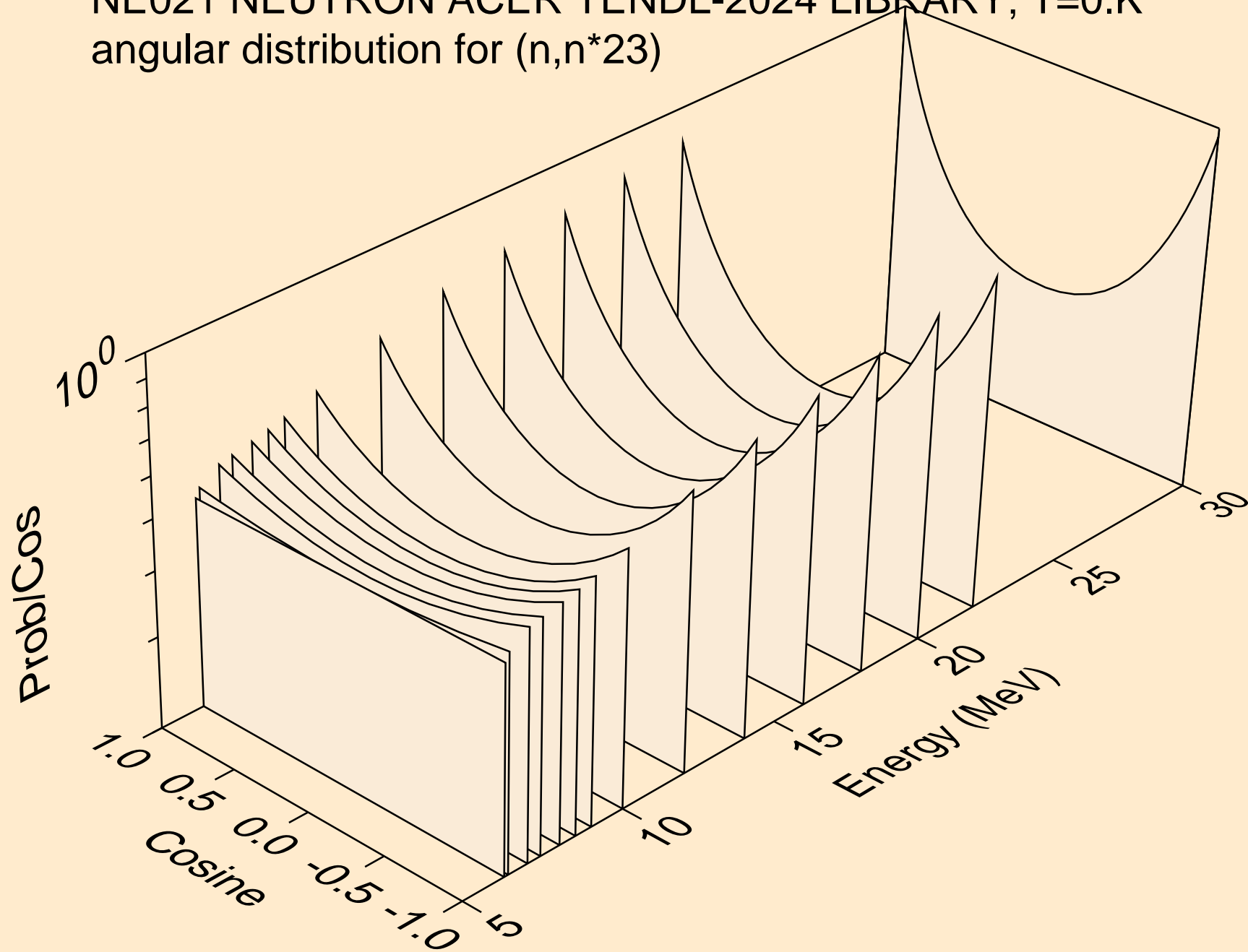
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angular distribution for (n,n\*21)



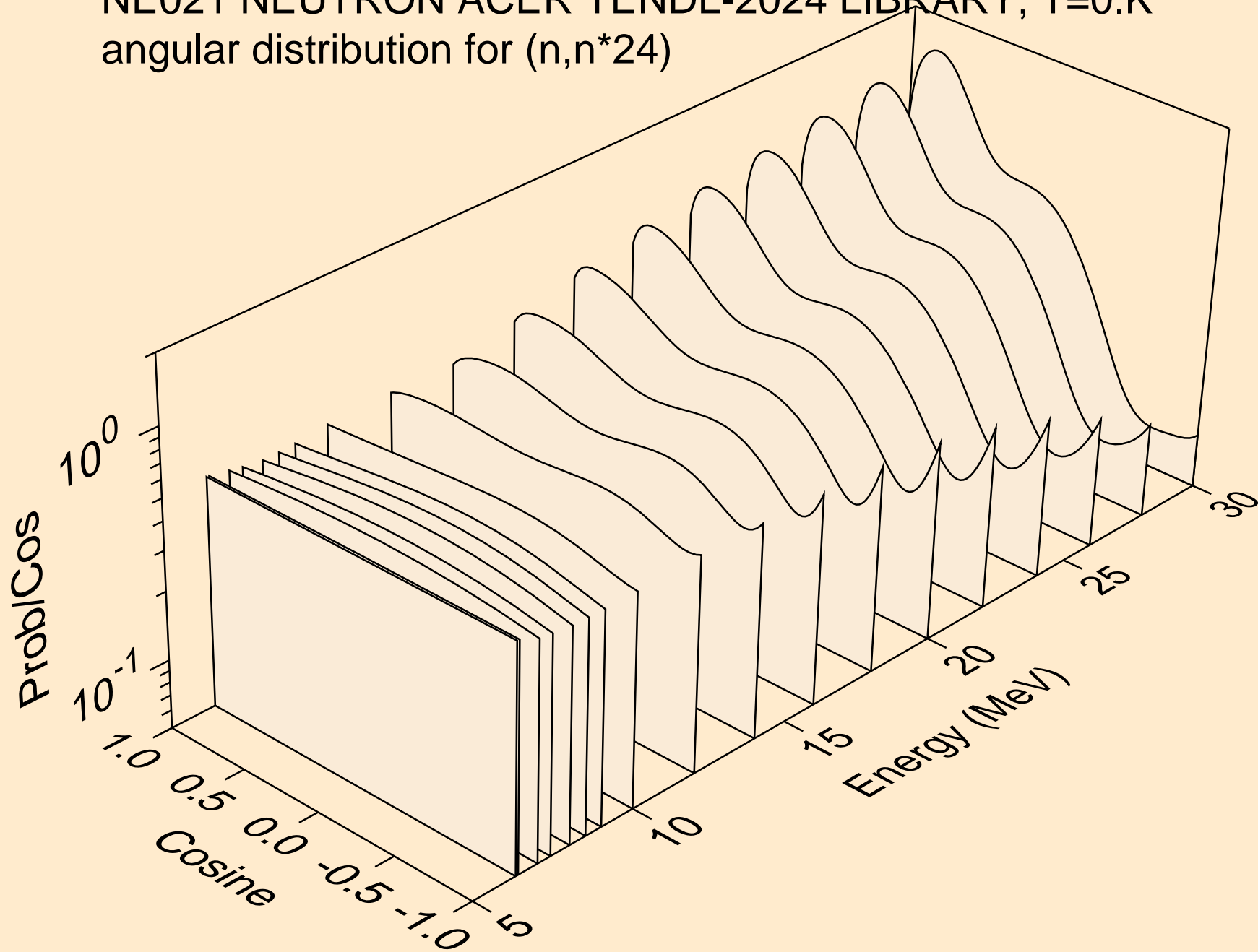
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angular distribution for (n,n\*22)



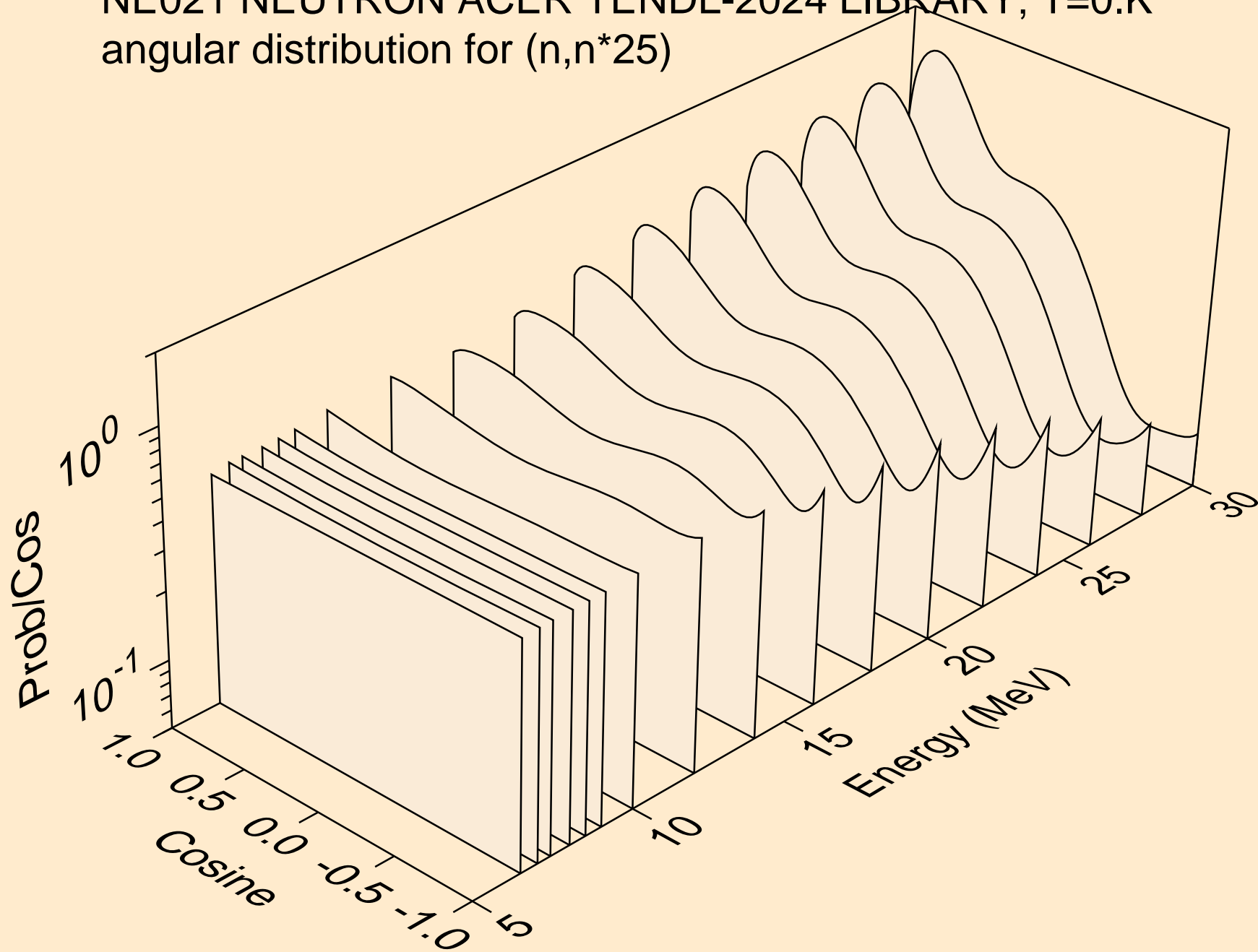
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angular distribution for (n,n\*23)



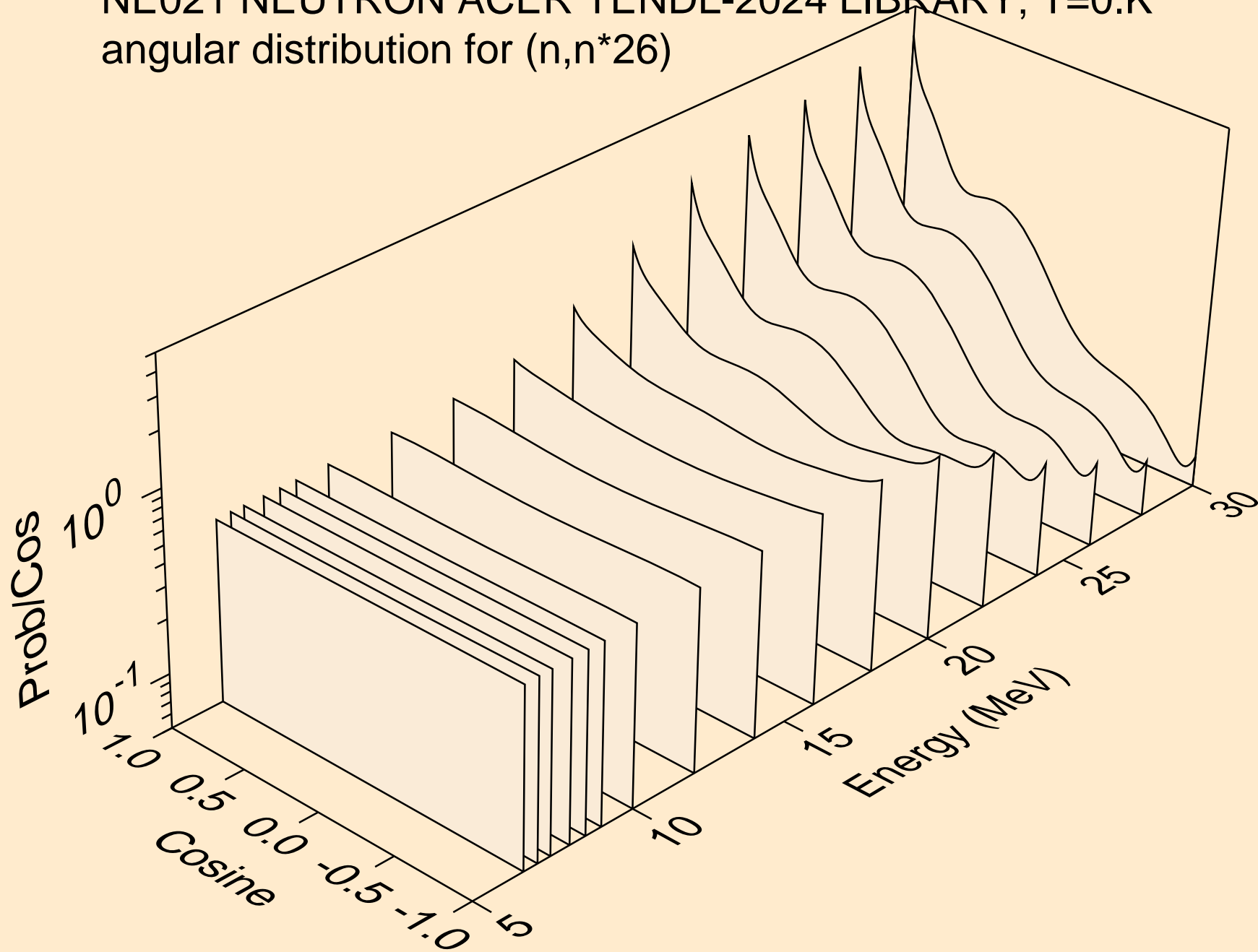
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angular distribution for (n,n\*24)



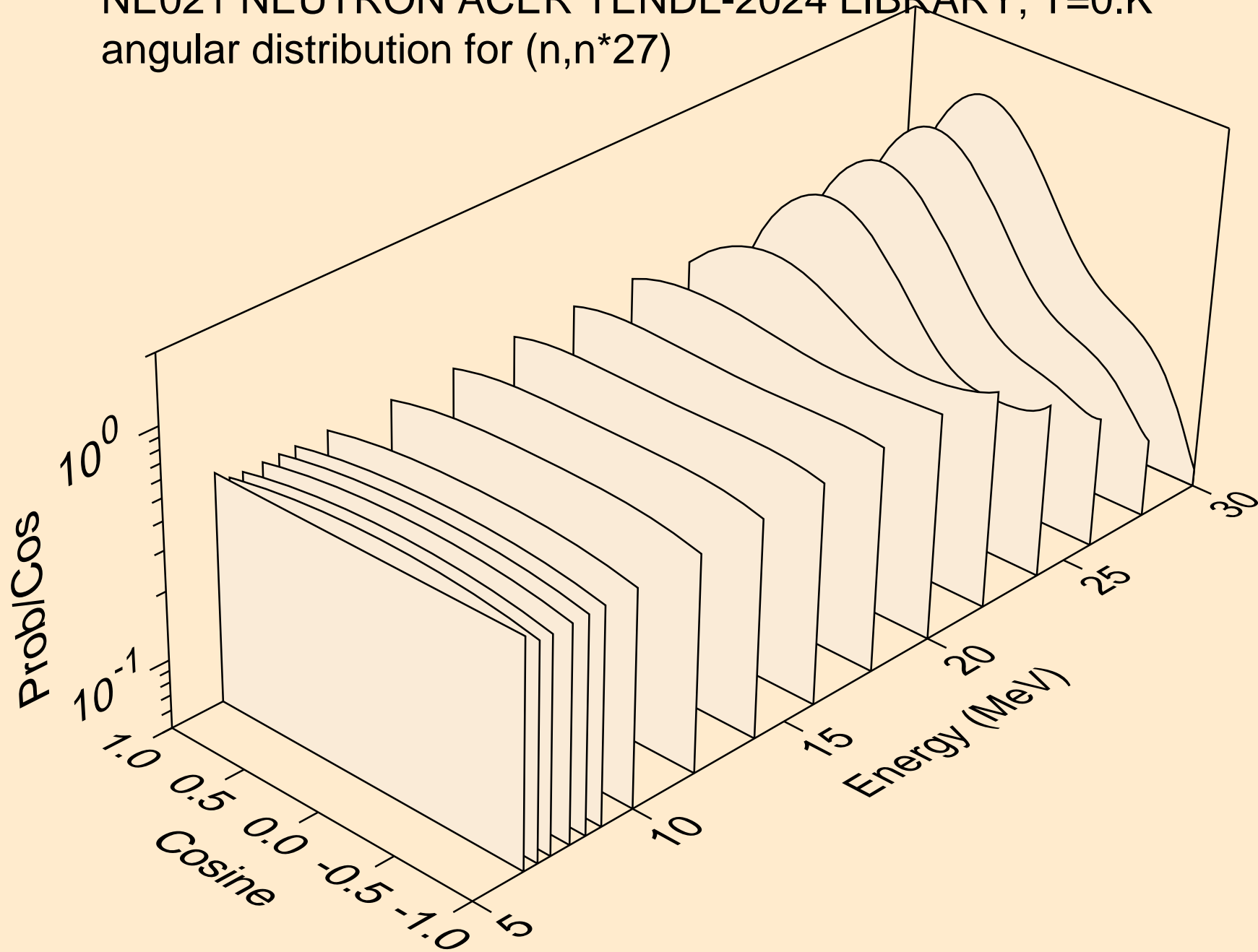
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

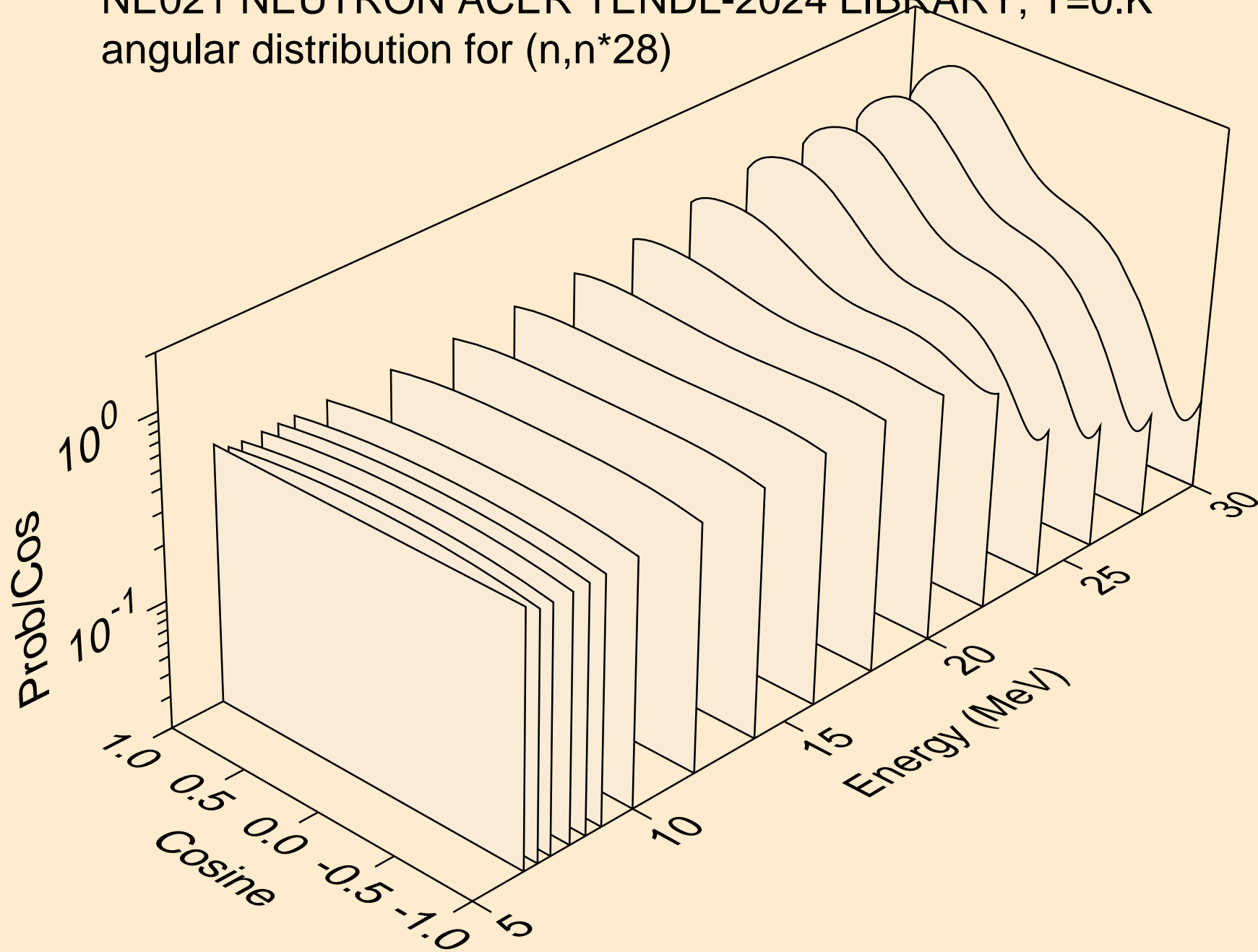


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

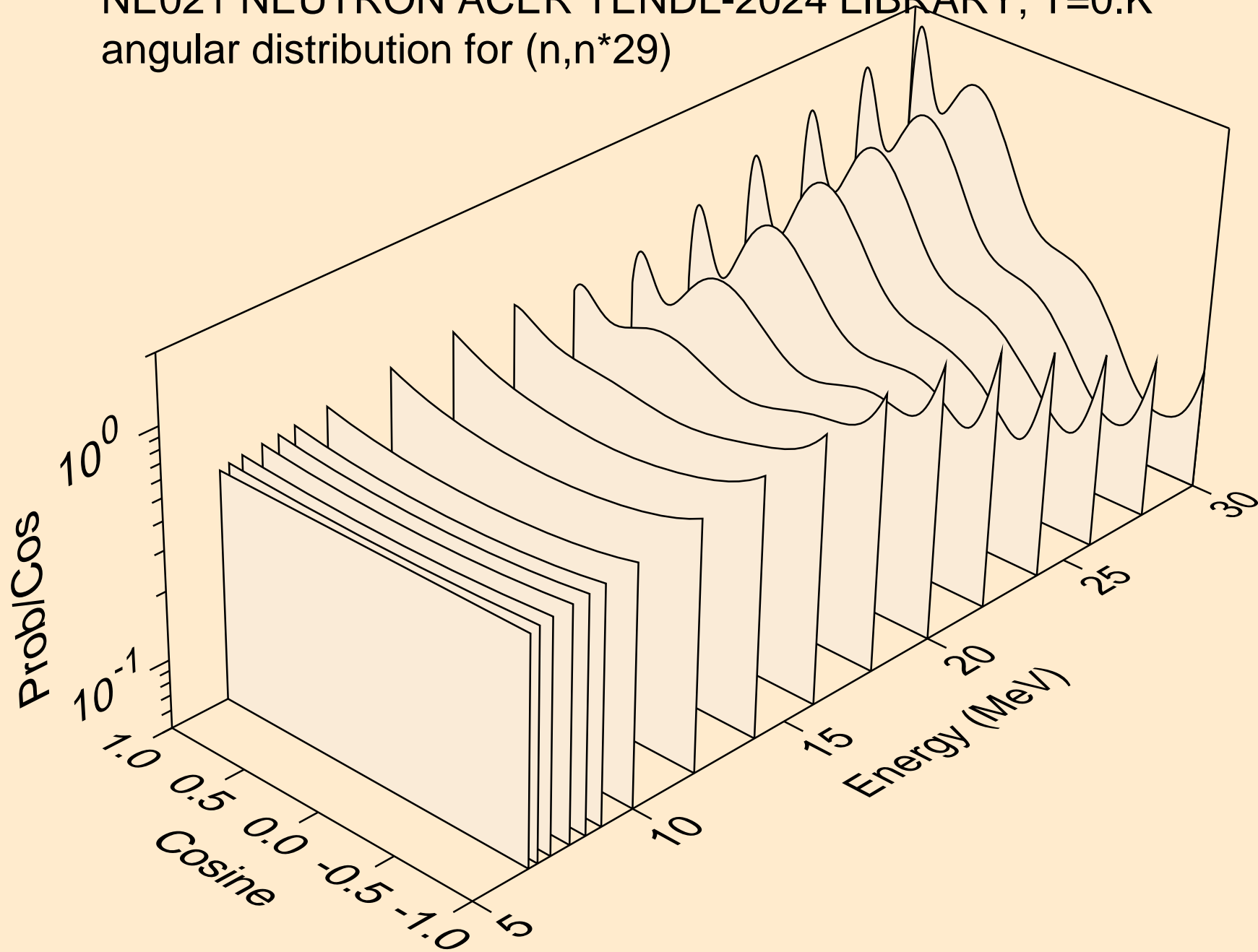




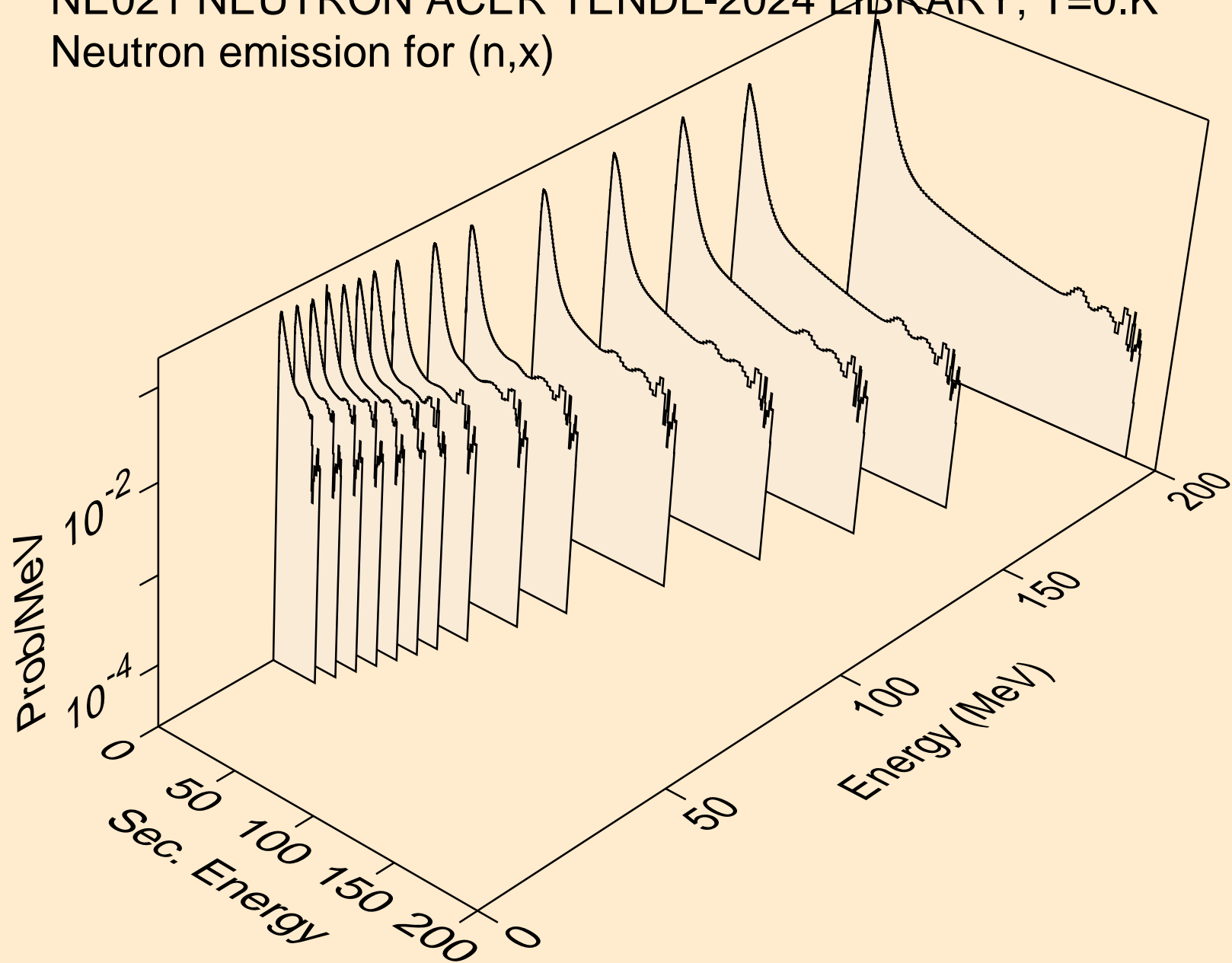
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angular distribution for (n,n\*28)



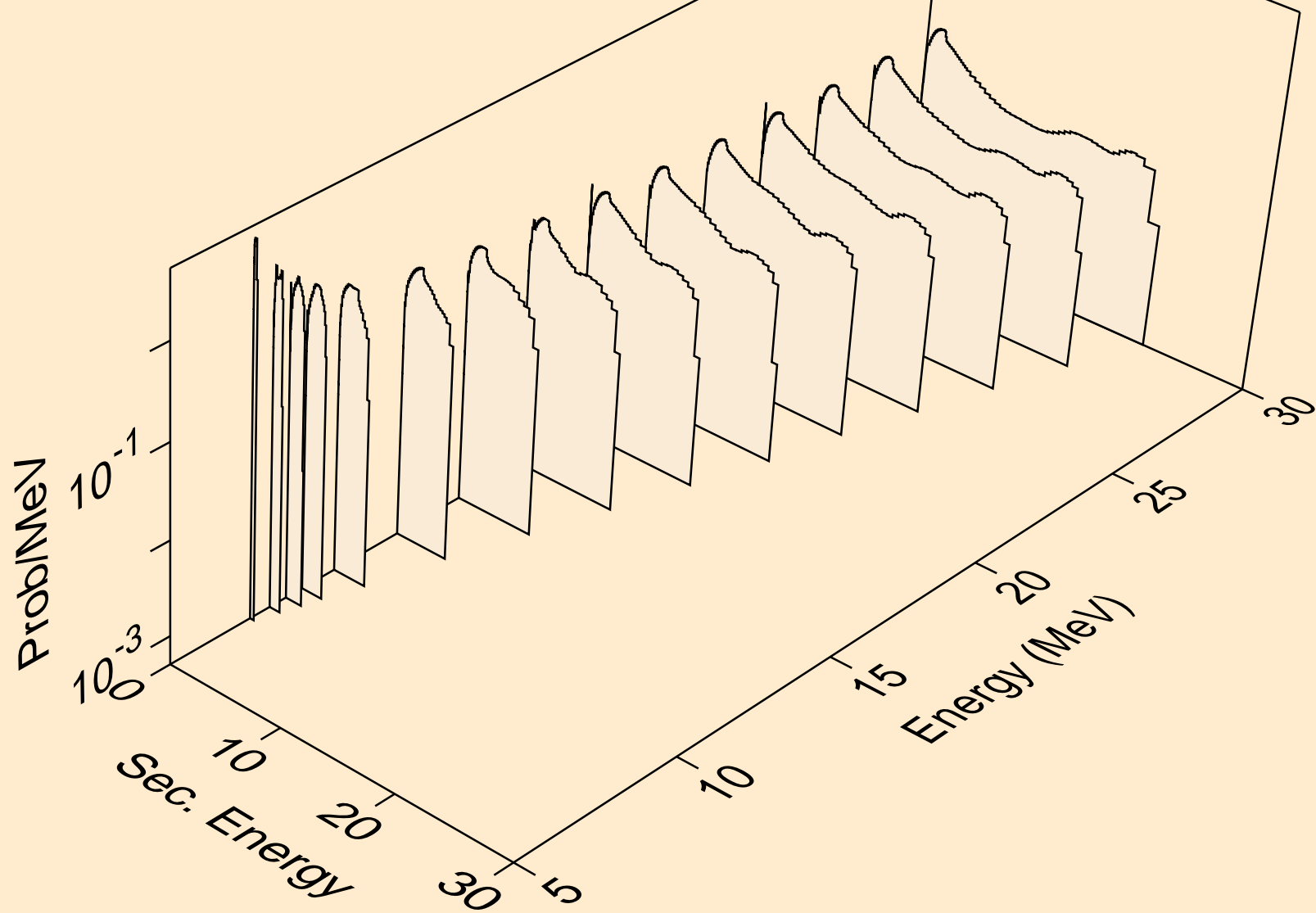
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



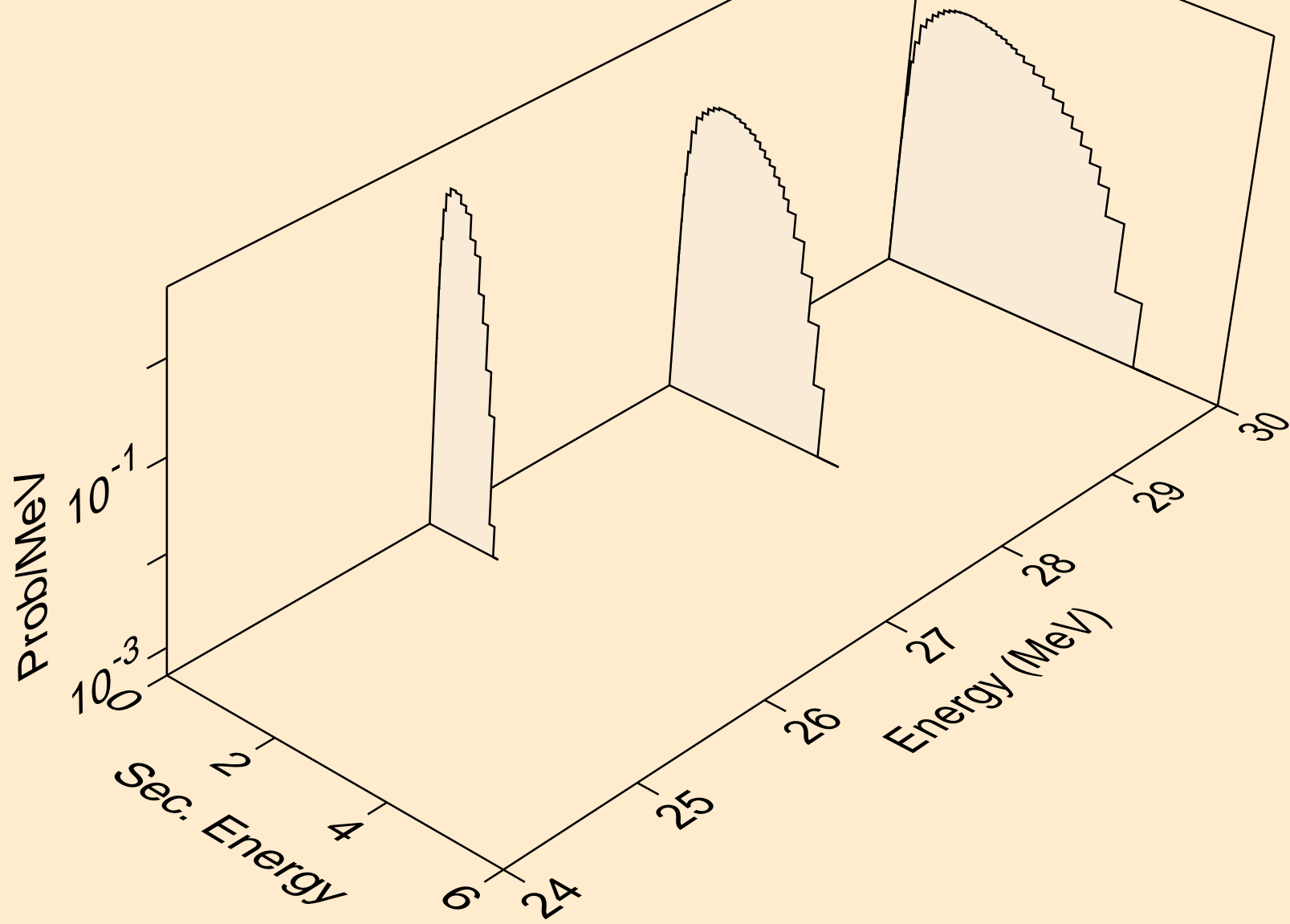
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



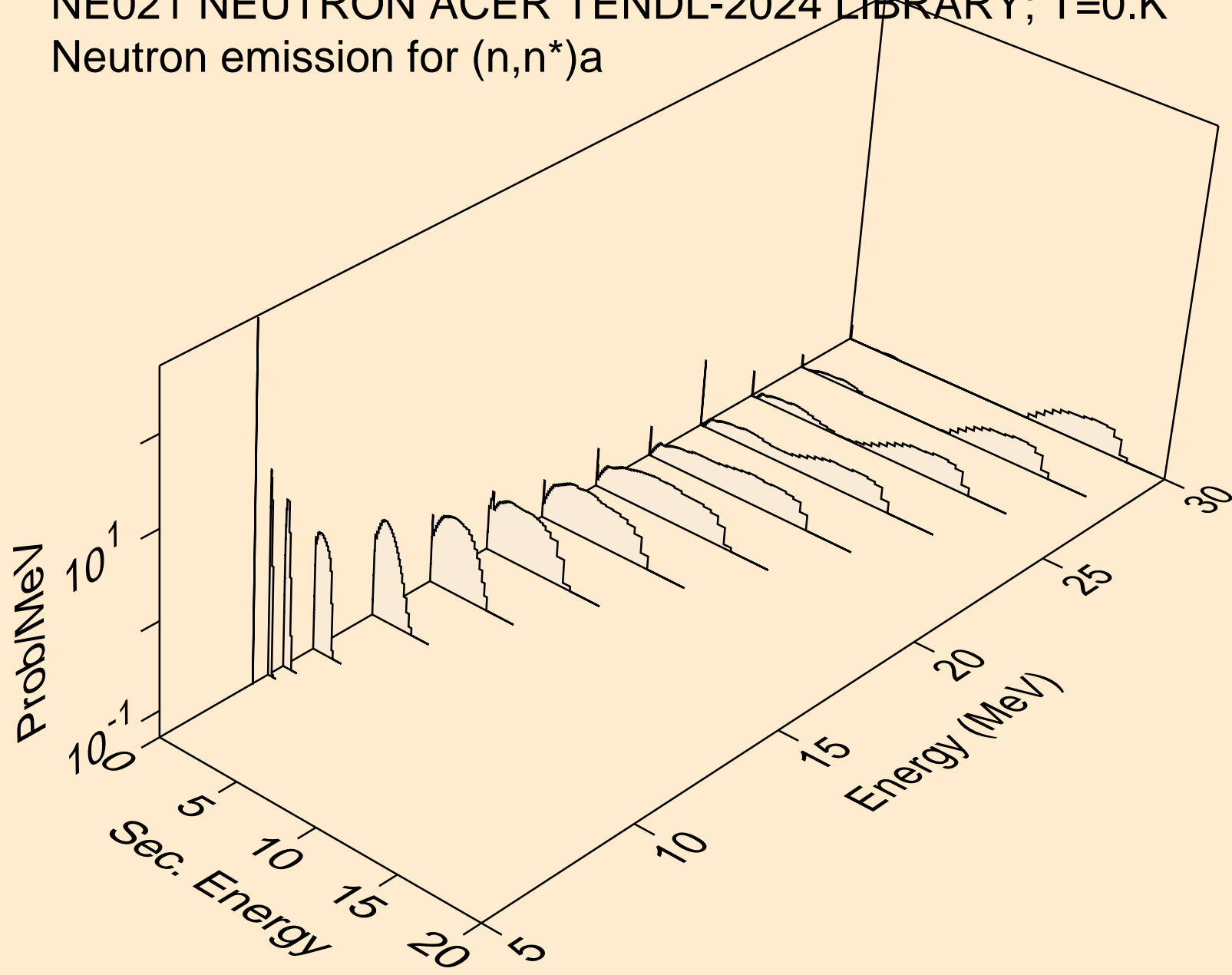
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



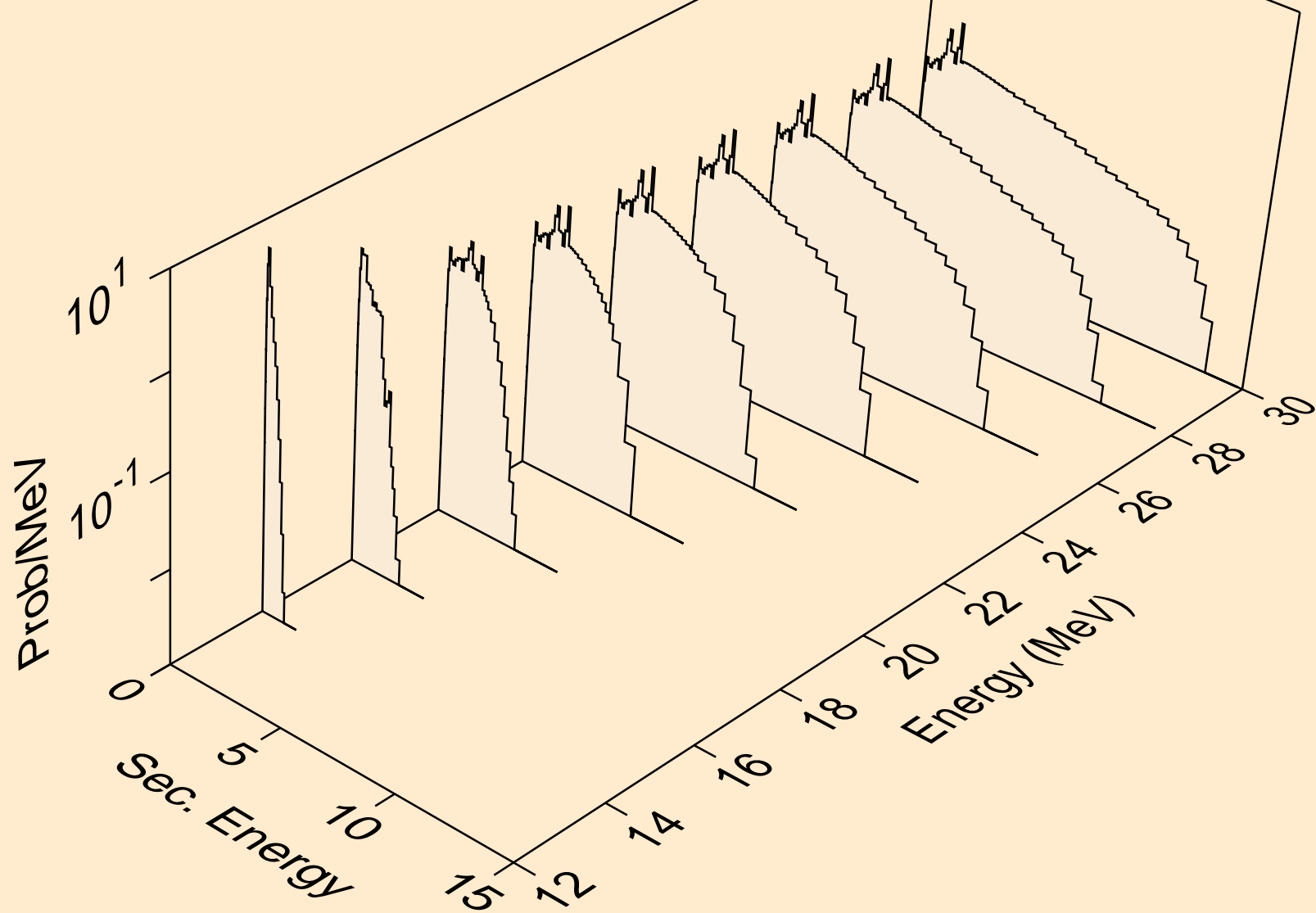
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



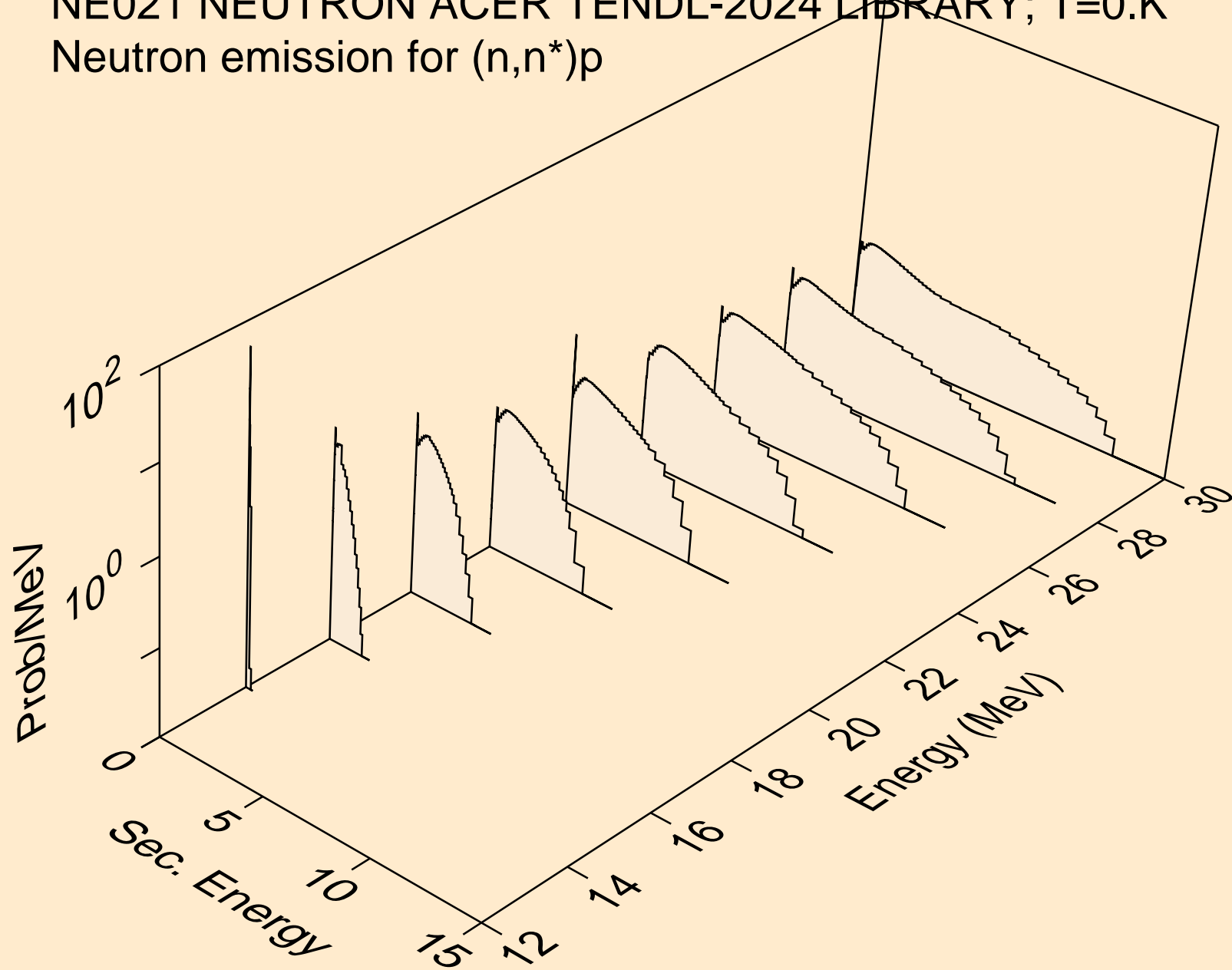
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

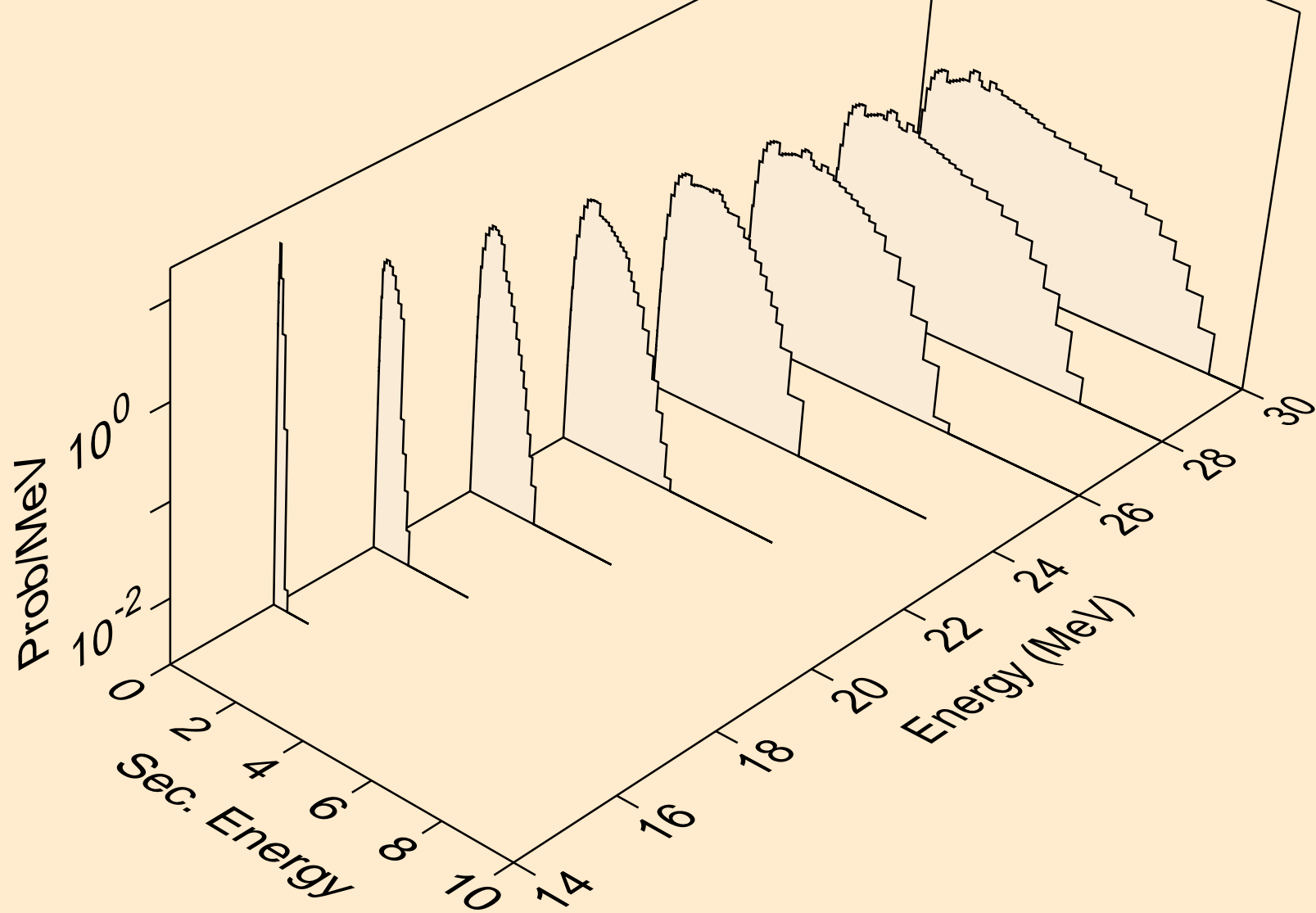


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

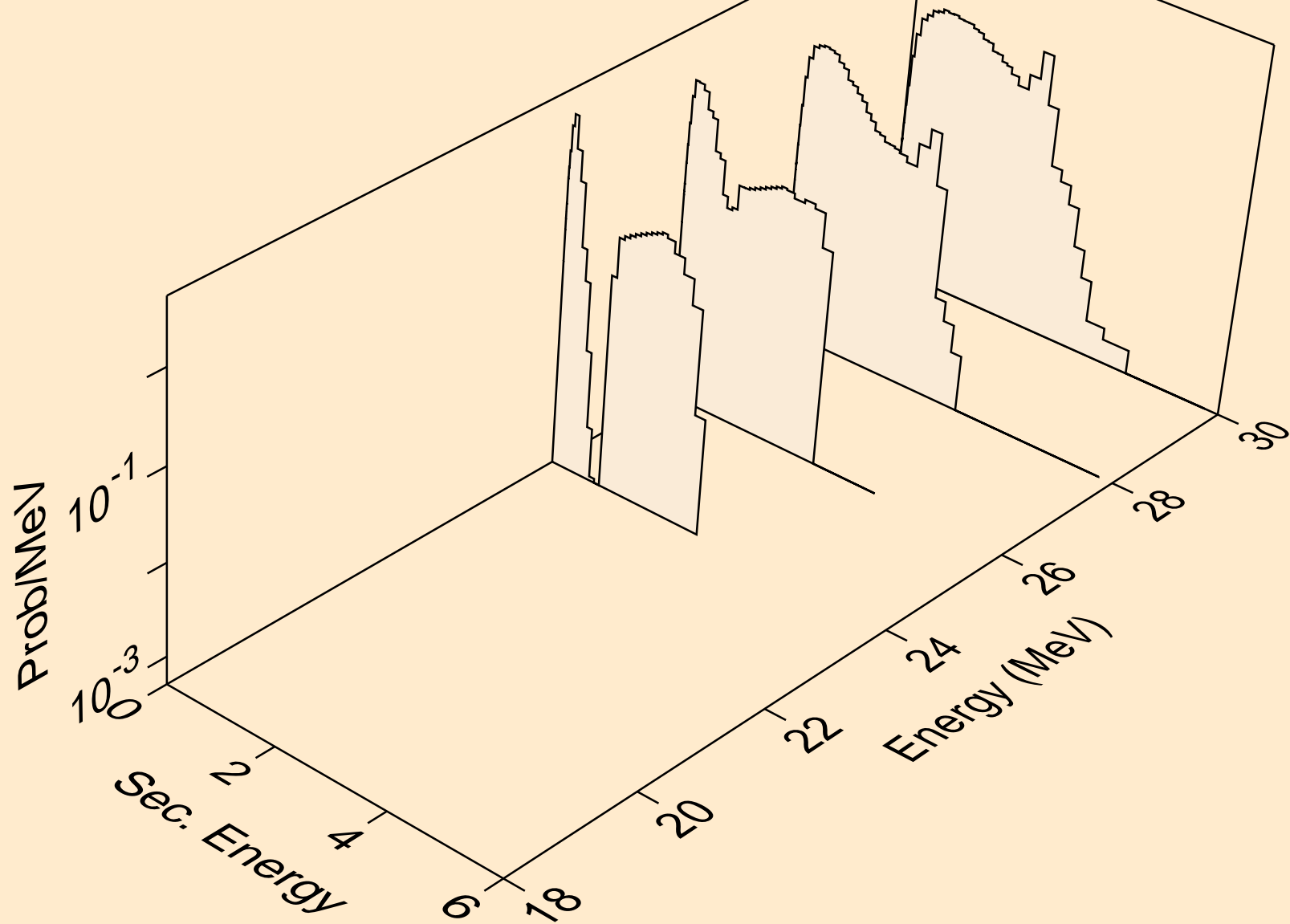




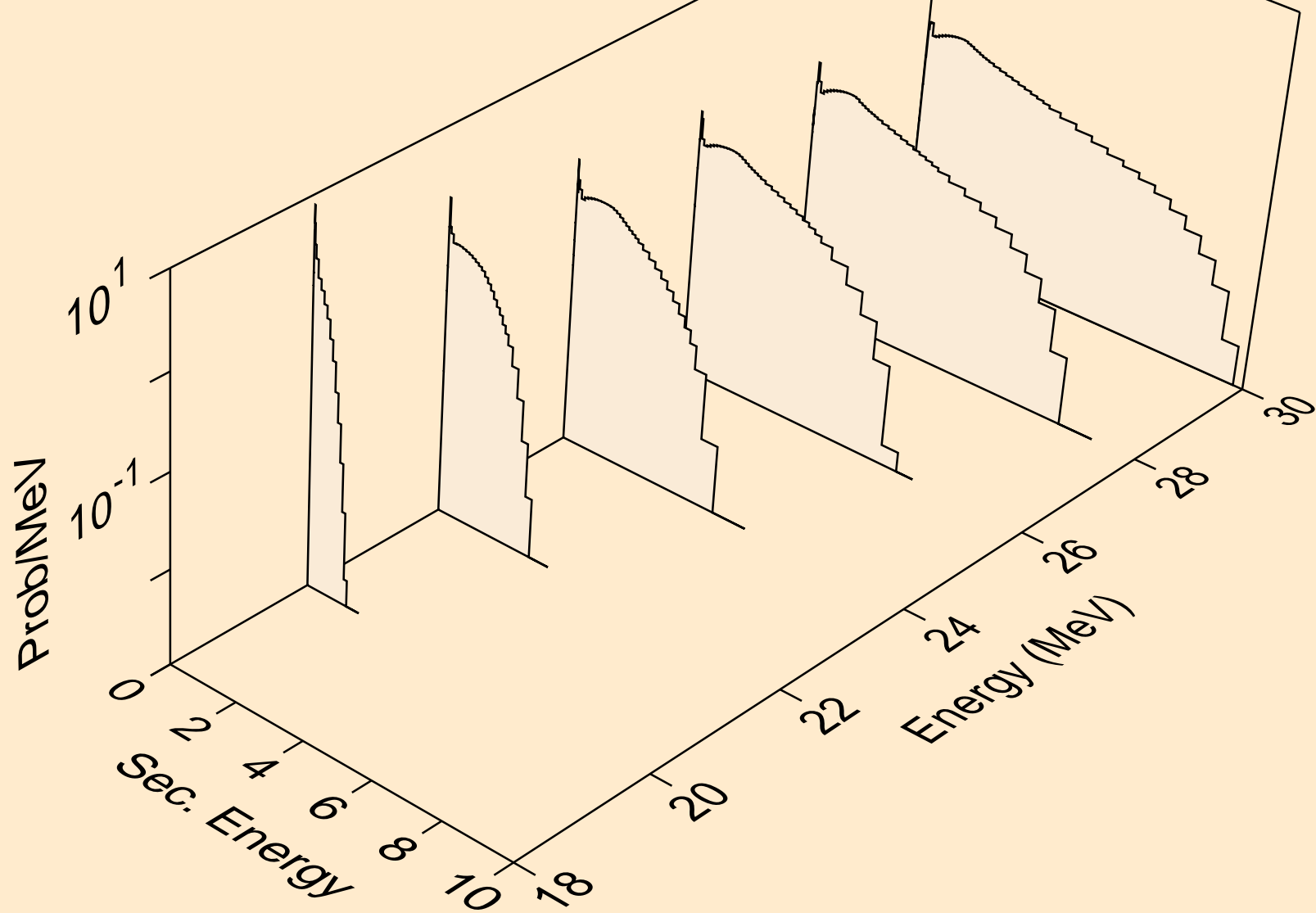
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



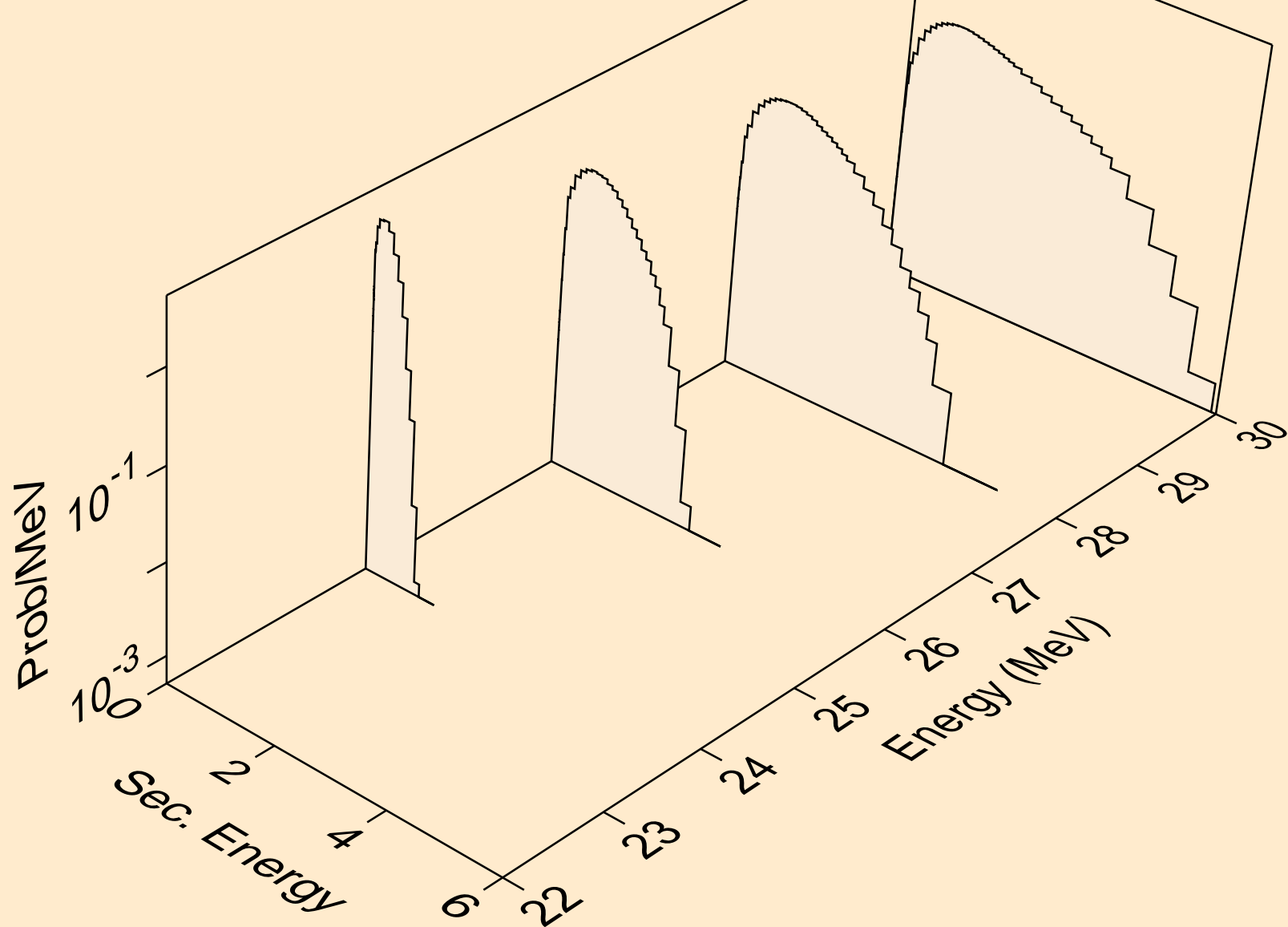
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



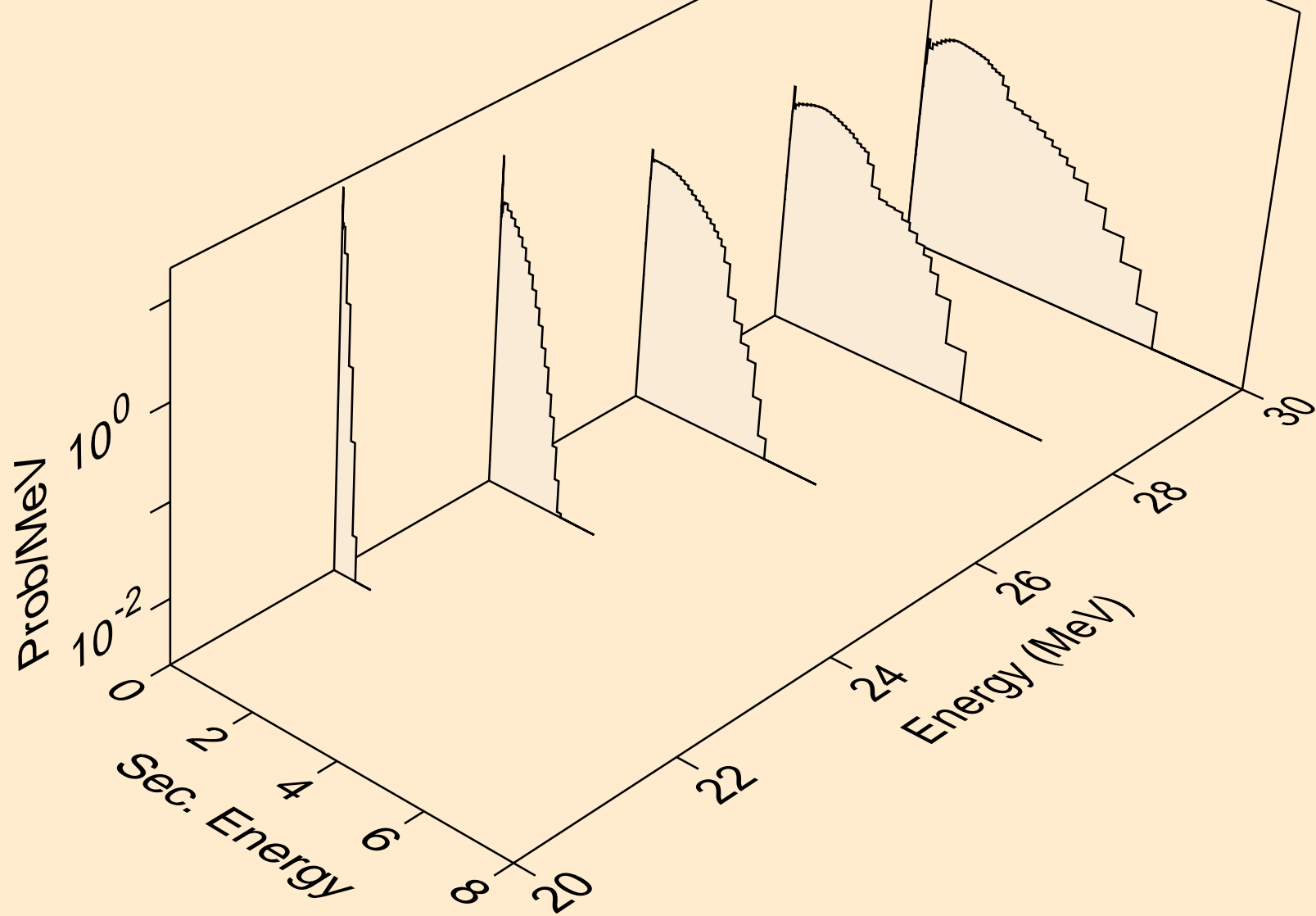
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



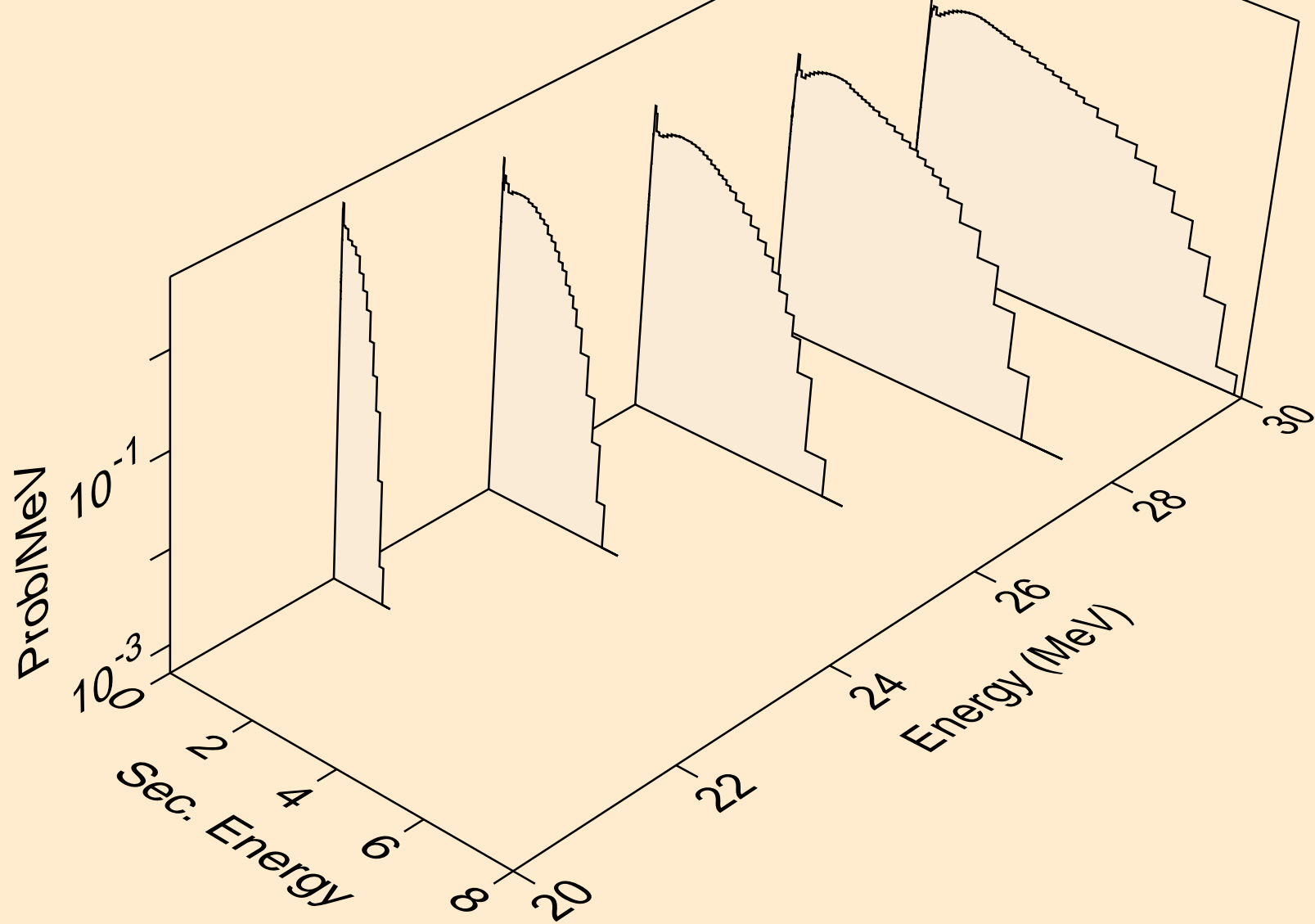
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



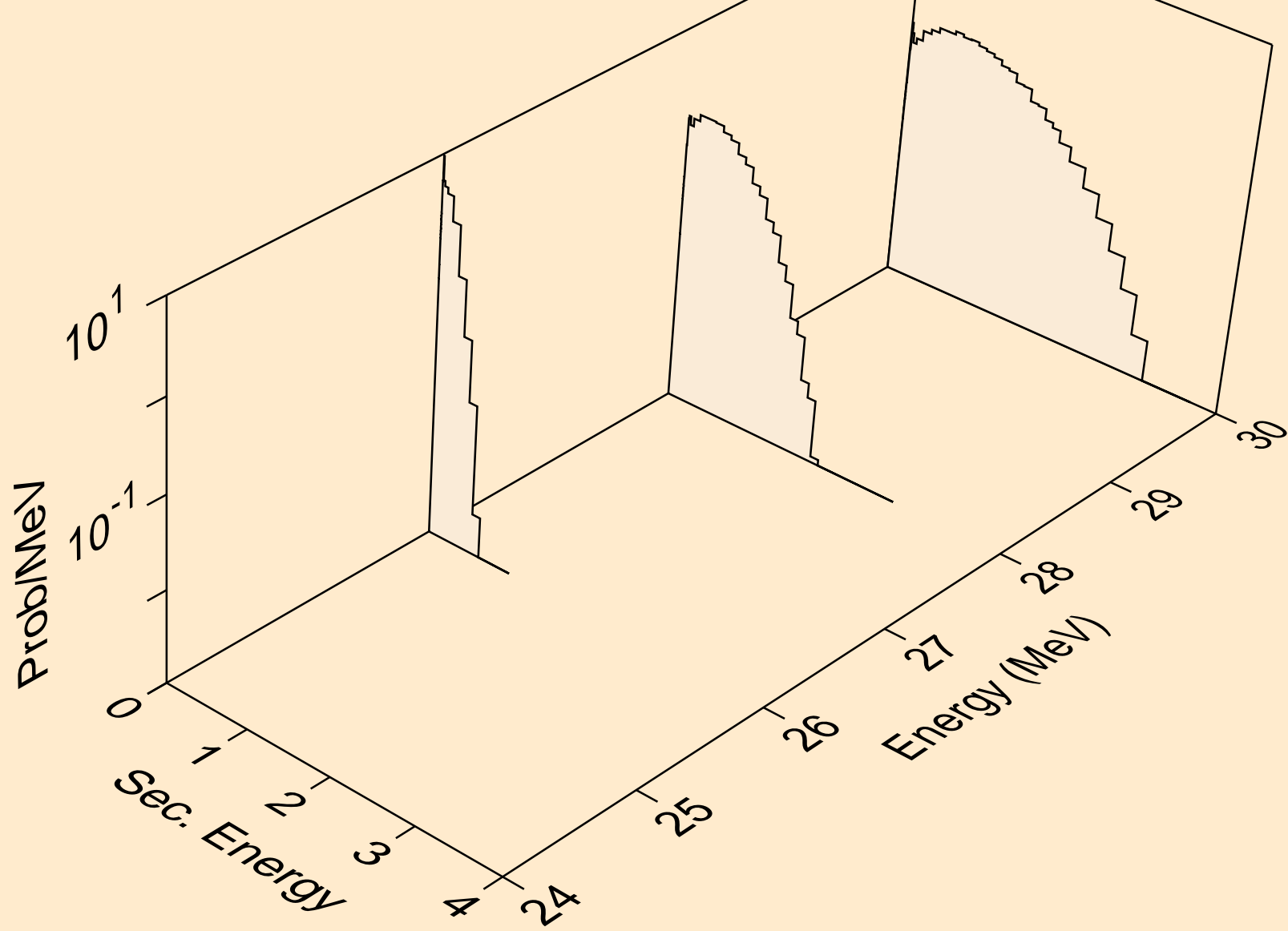
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



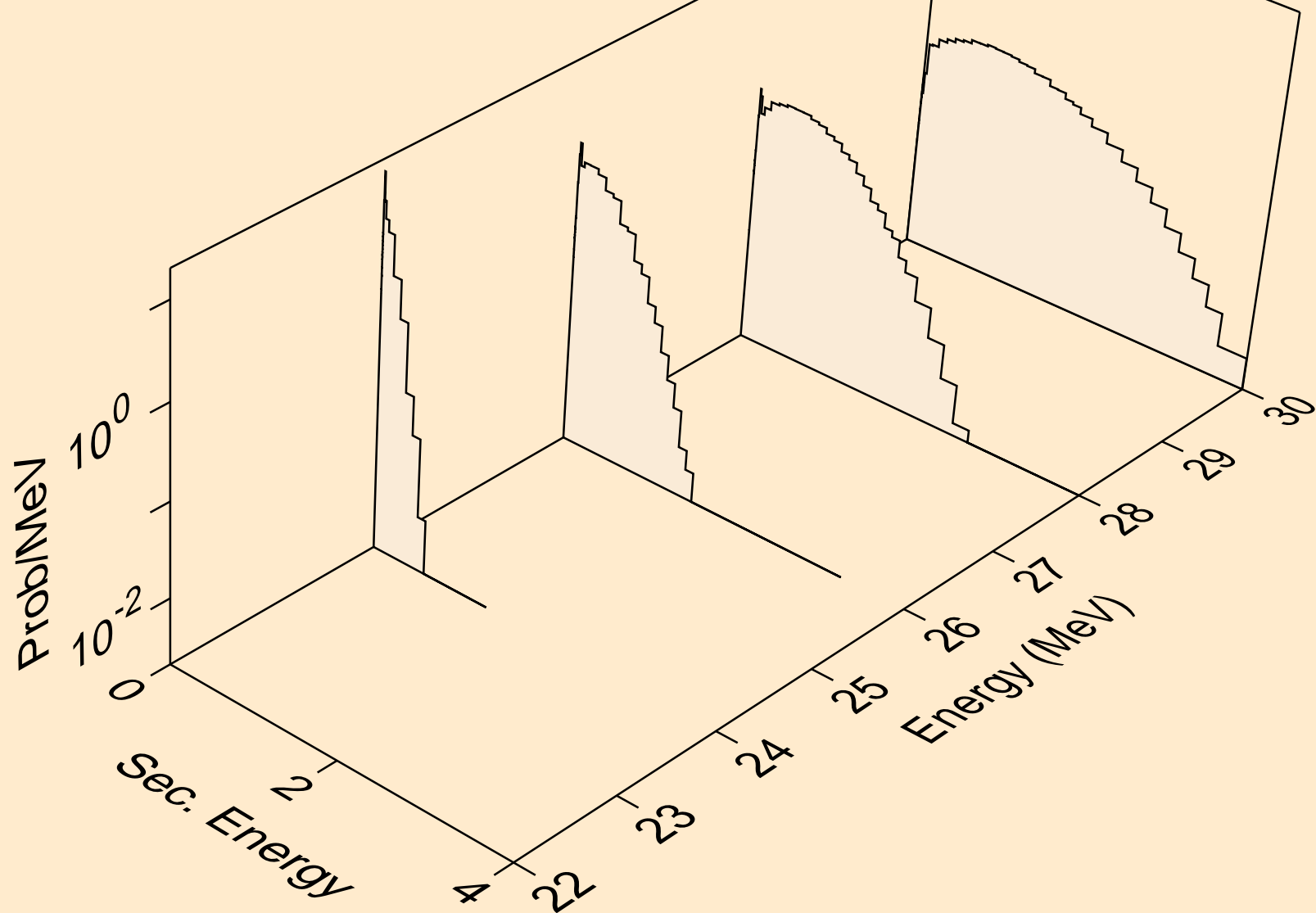
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

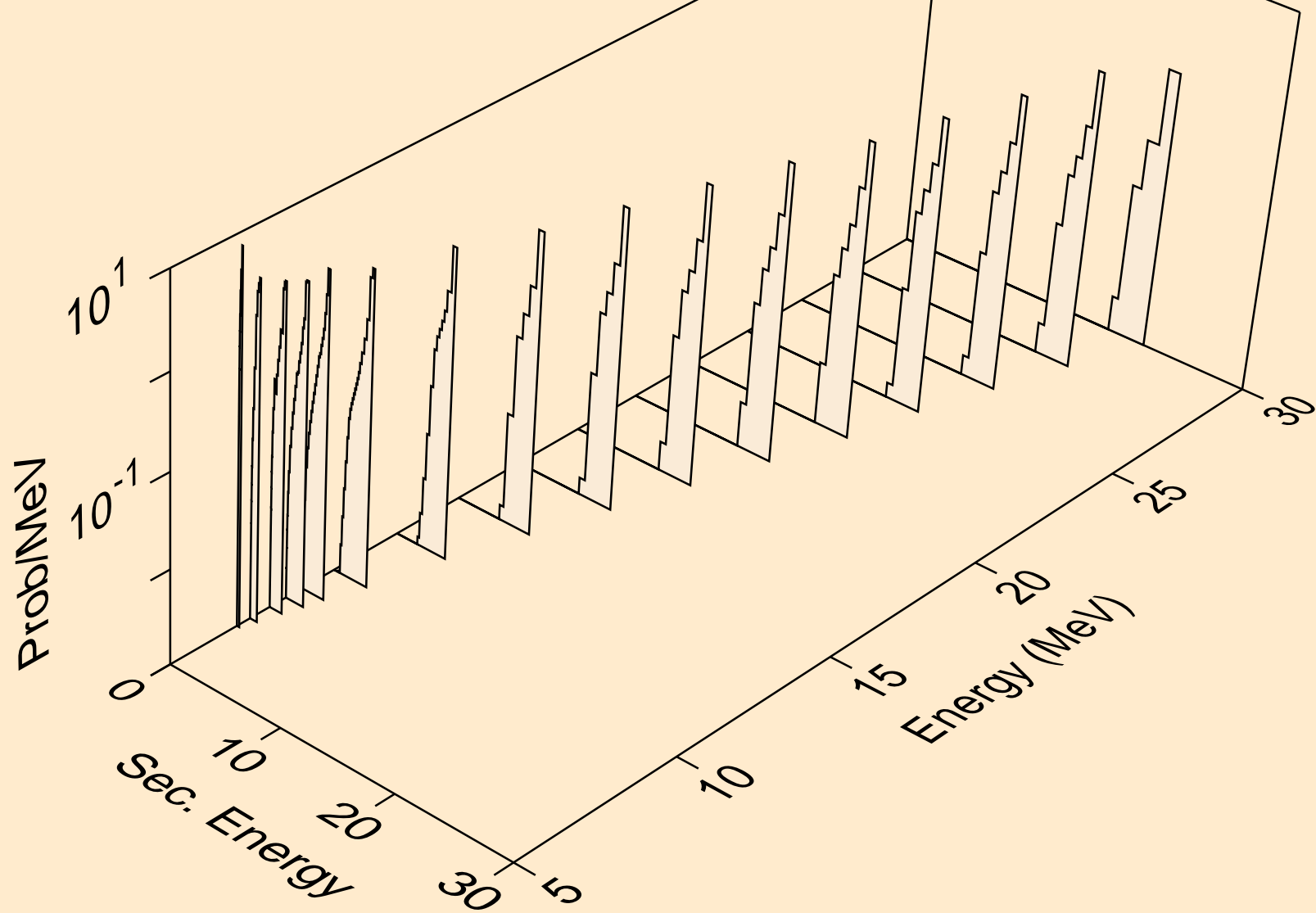


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

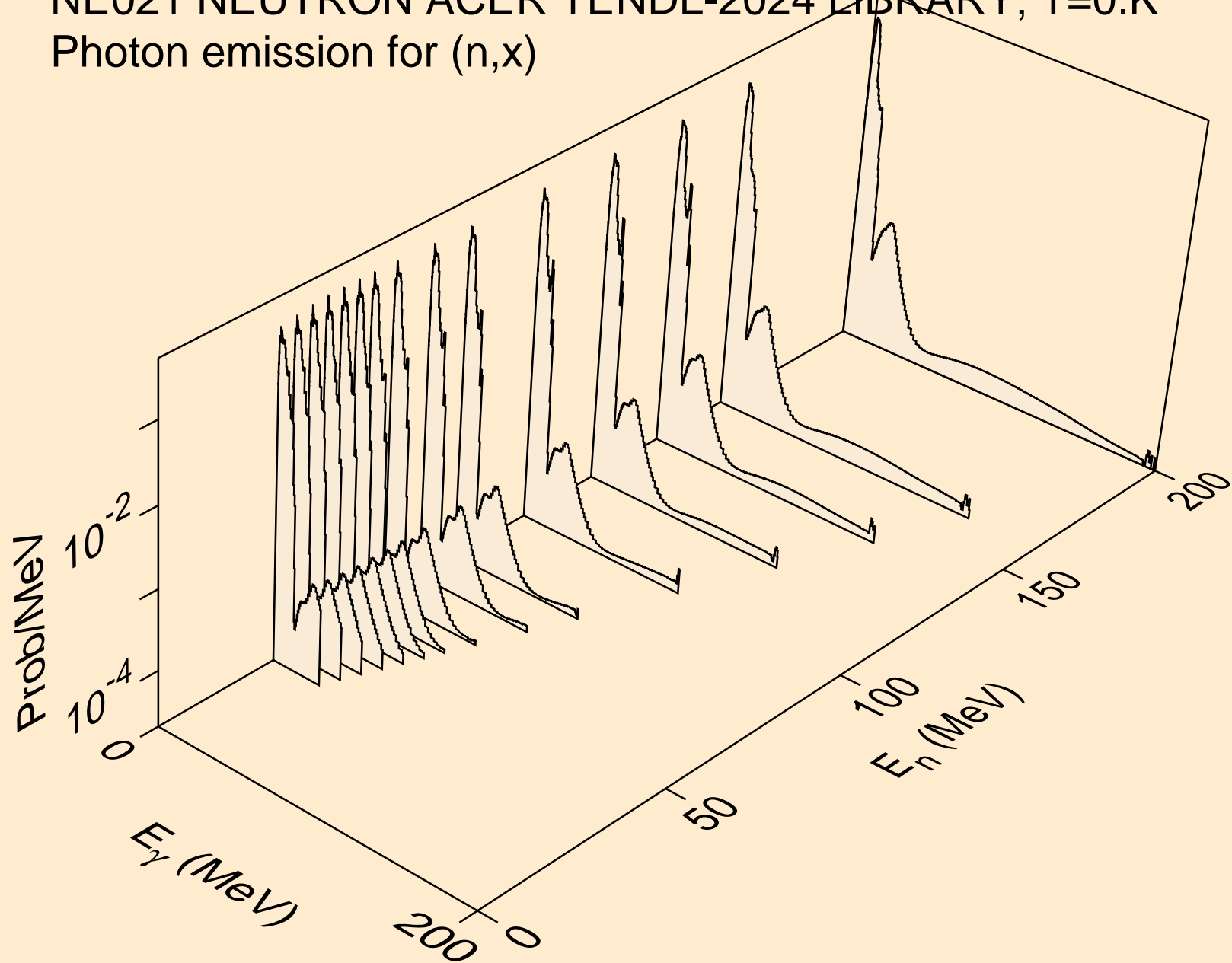




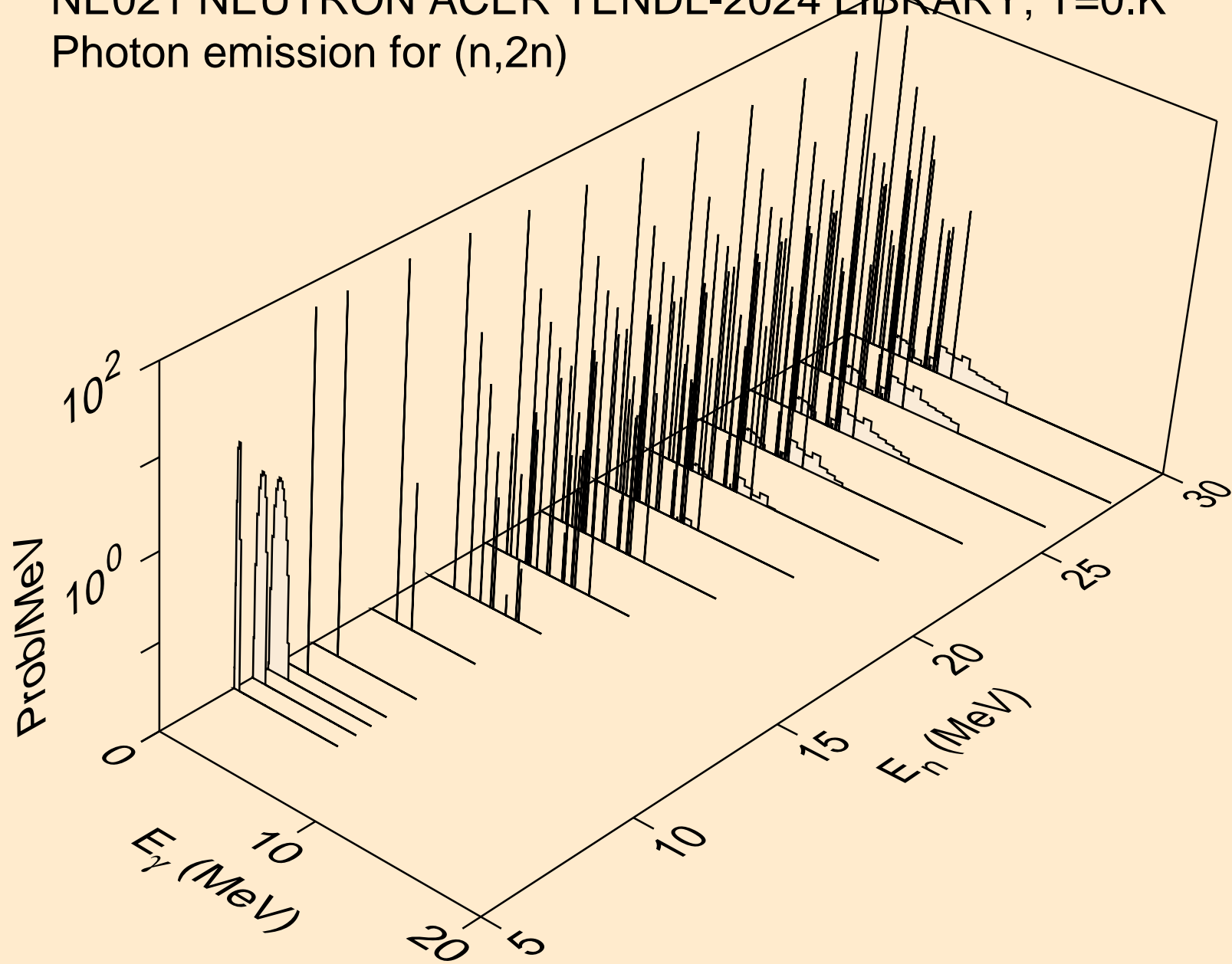
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



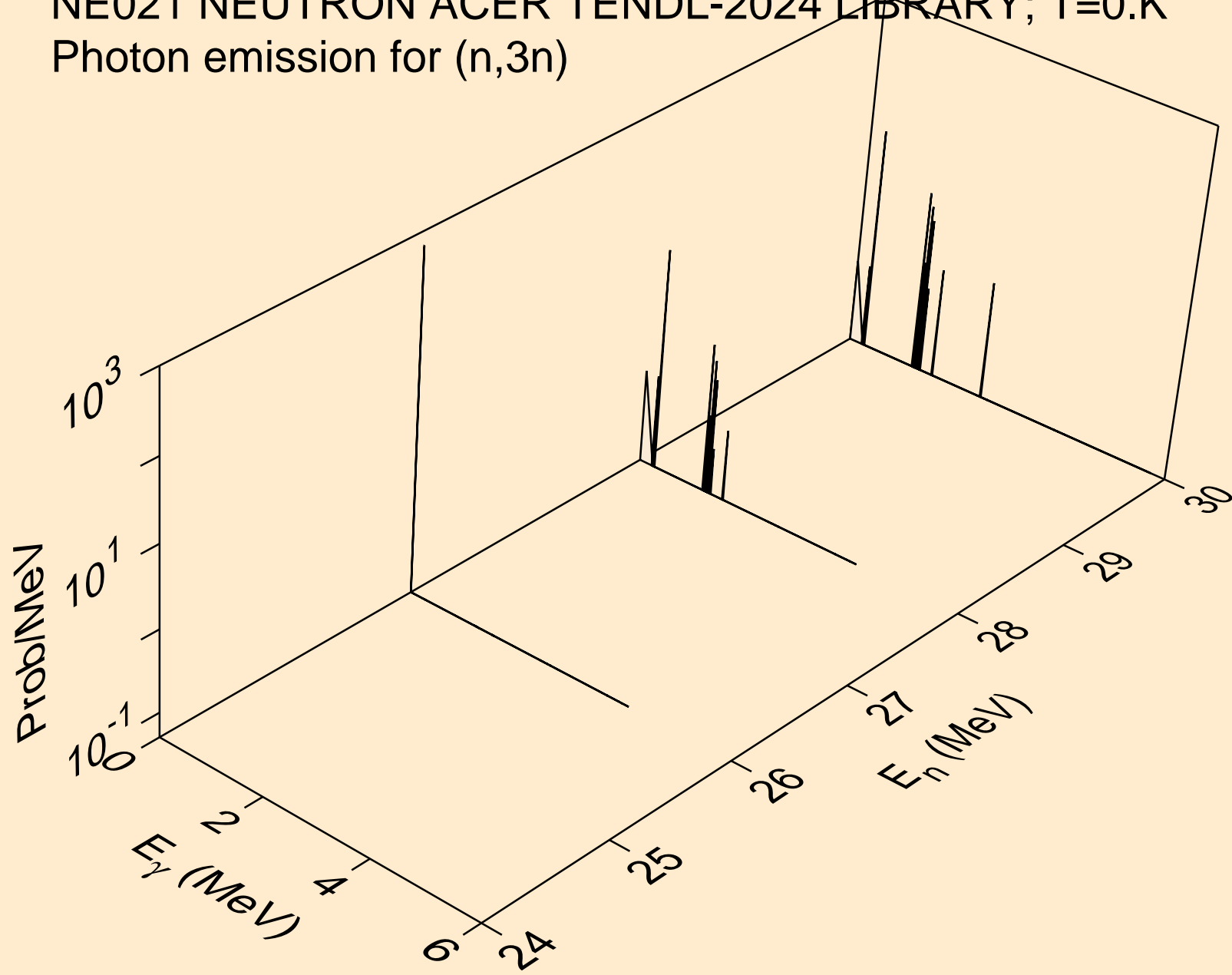
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



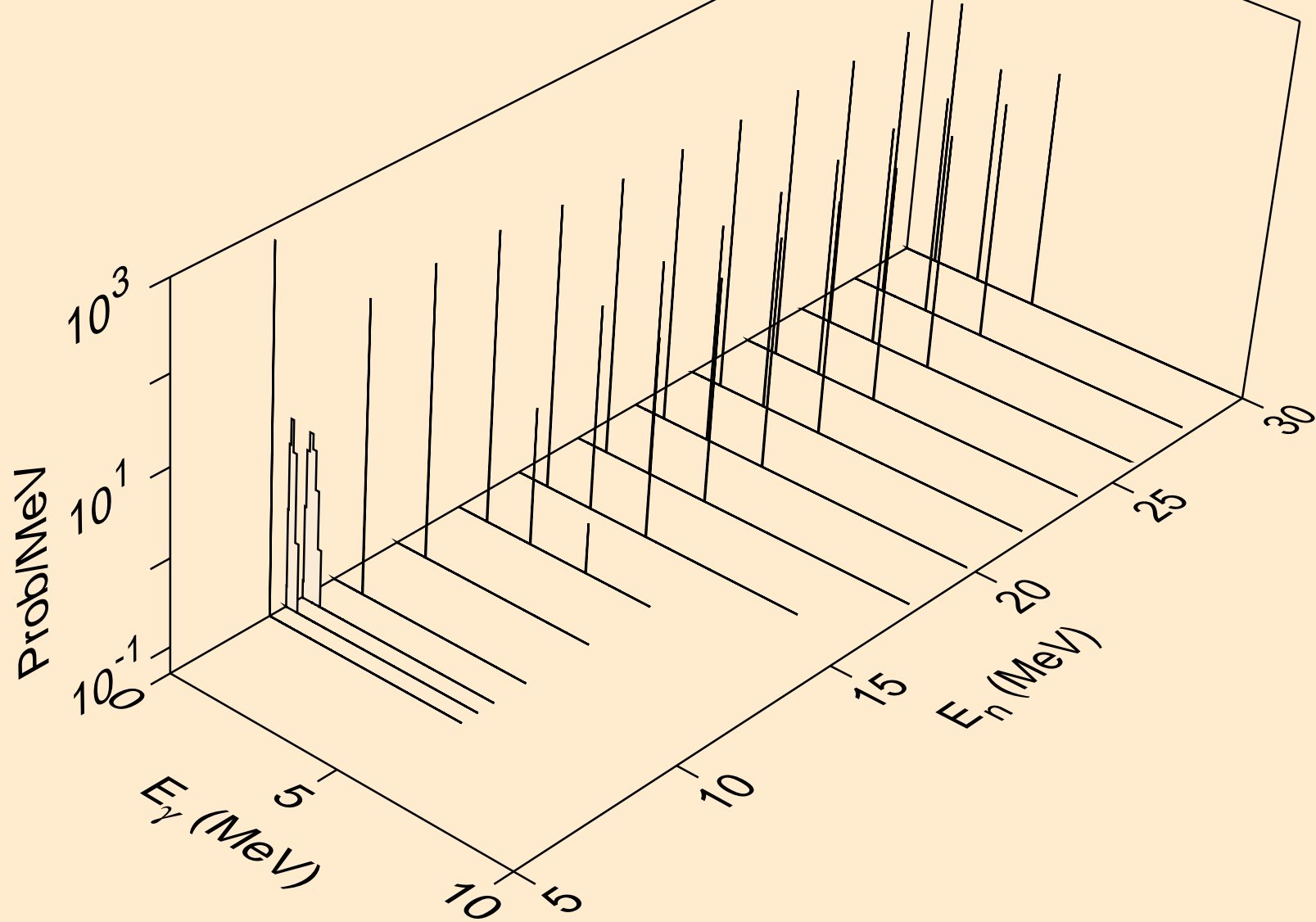
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



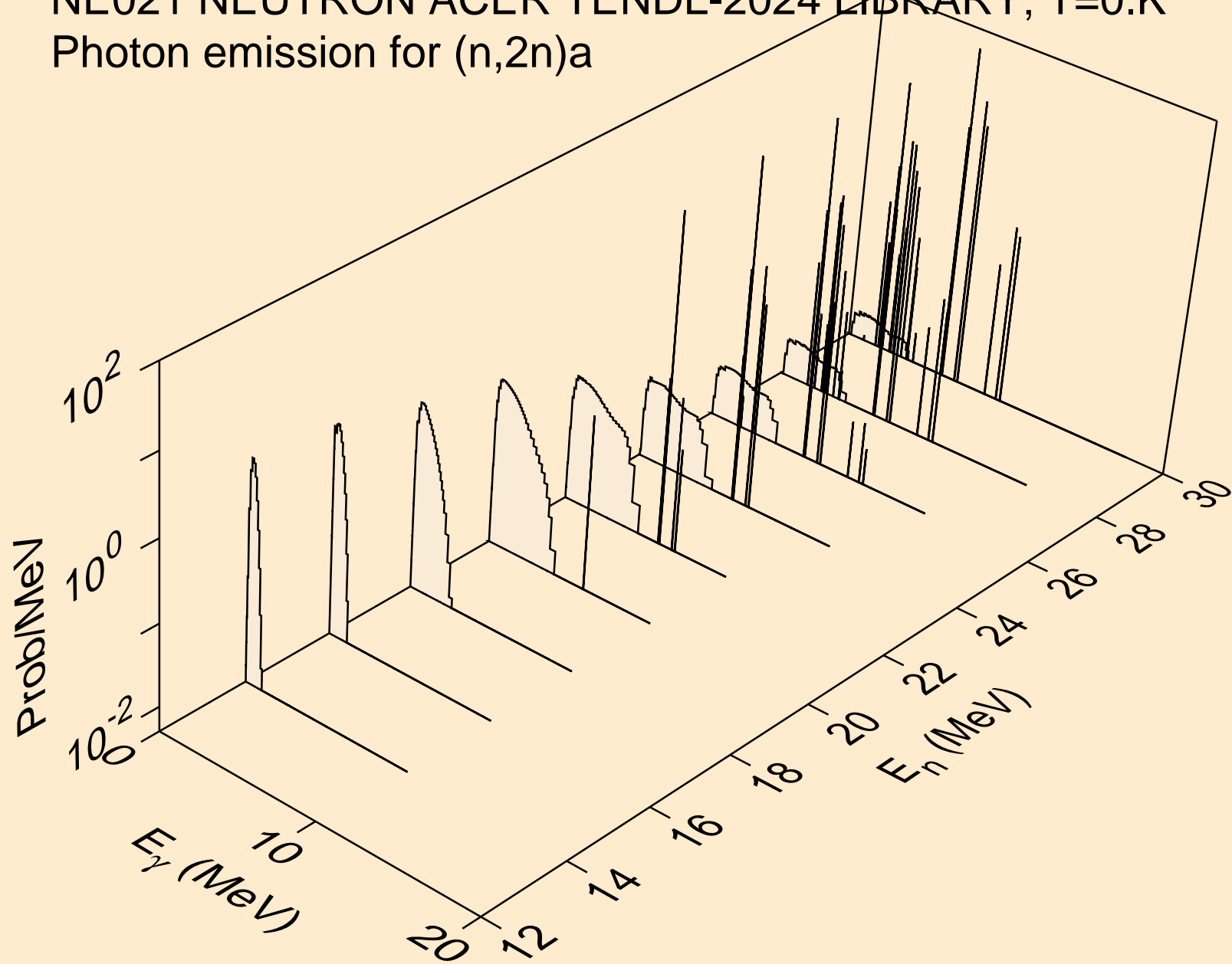
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Photon emission for (n,3n)



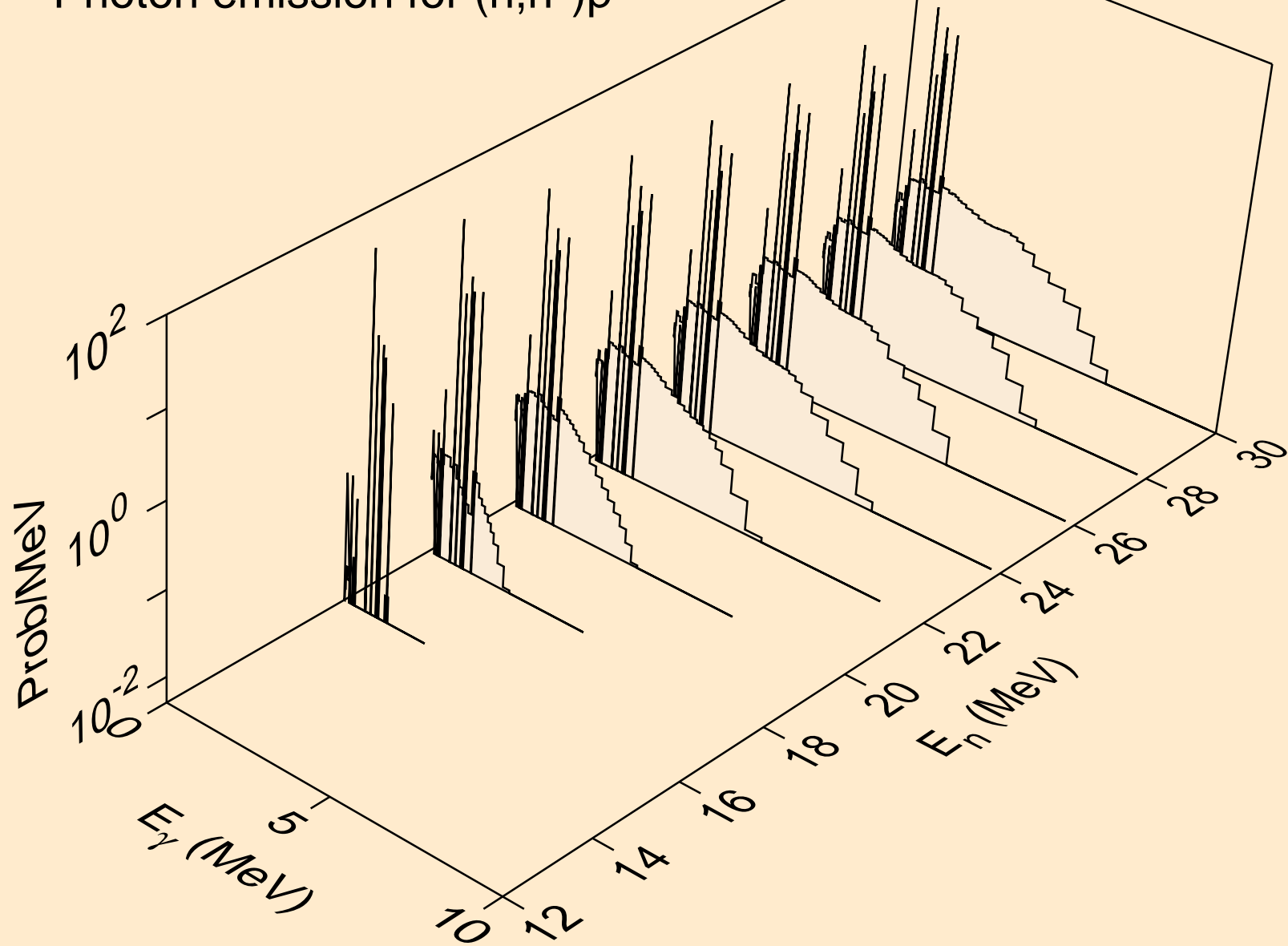
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



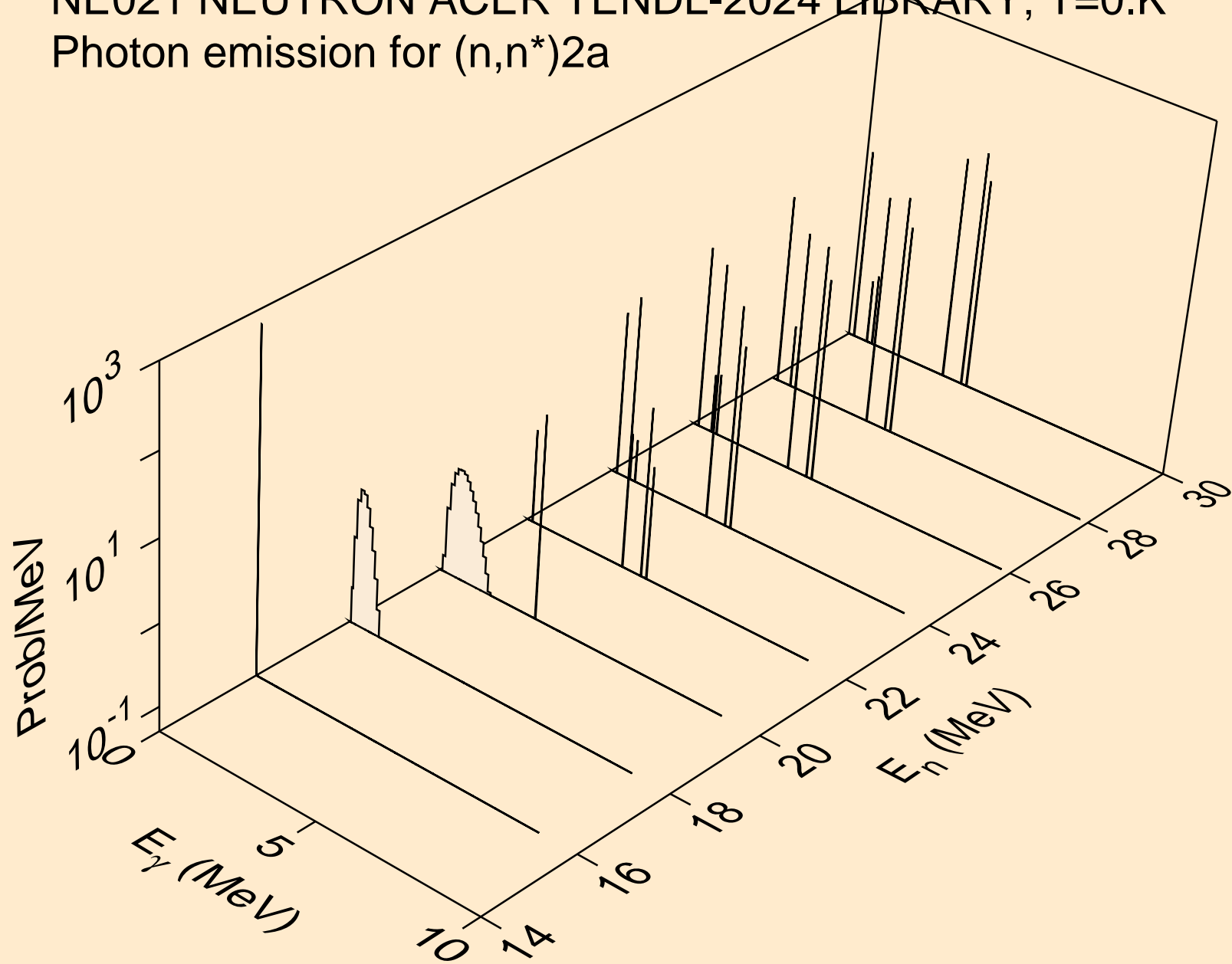
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

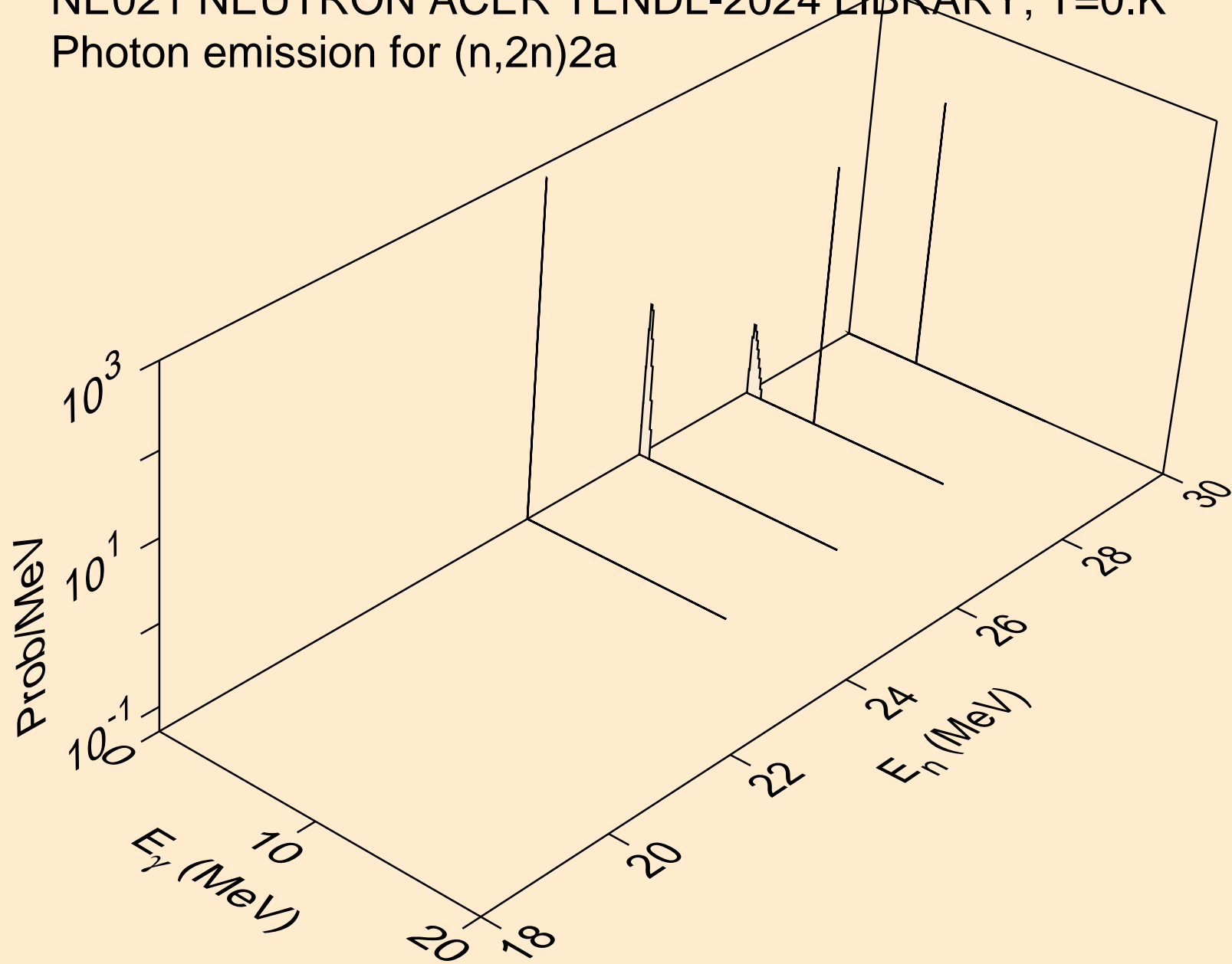


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

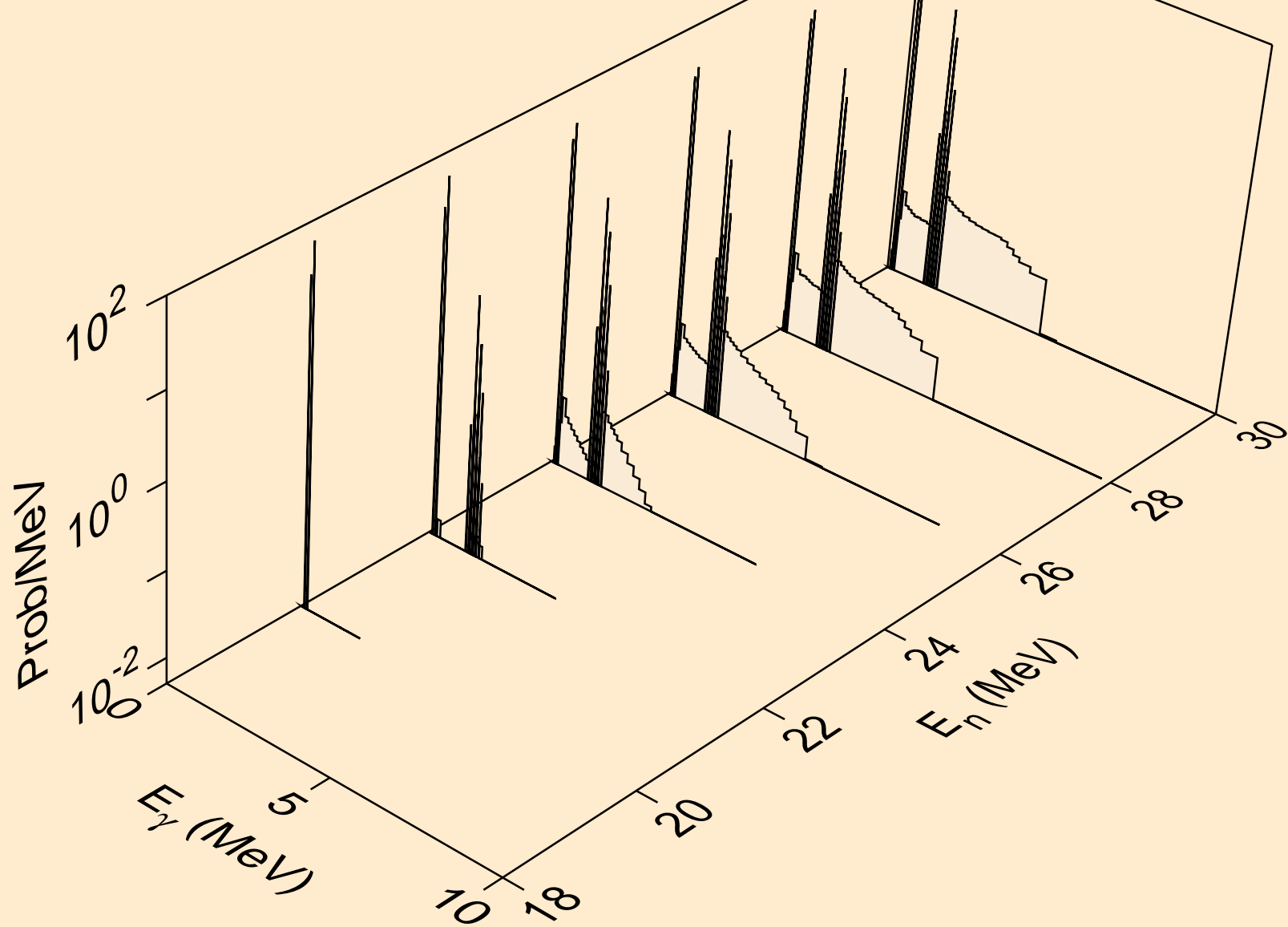




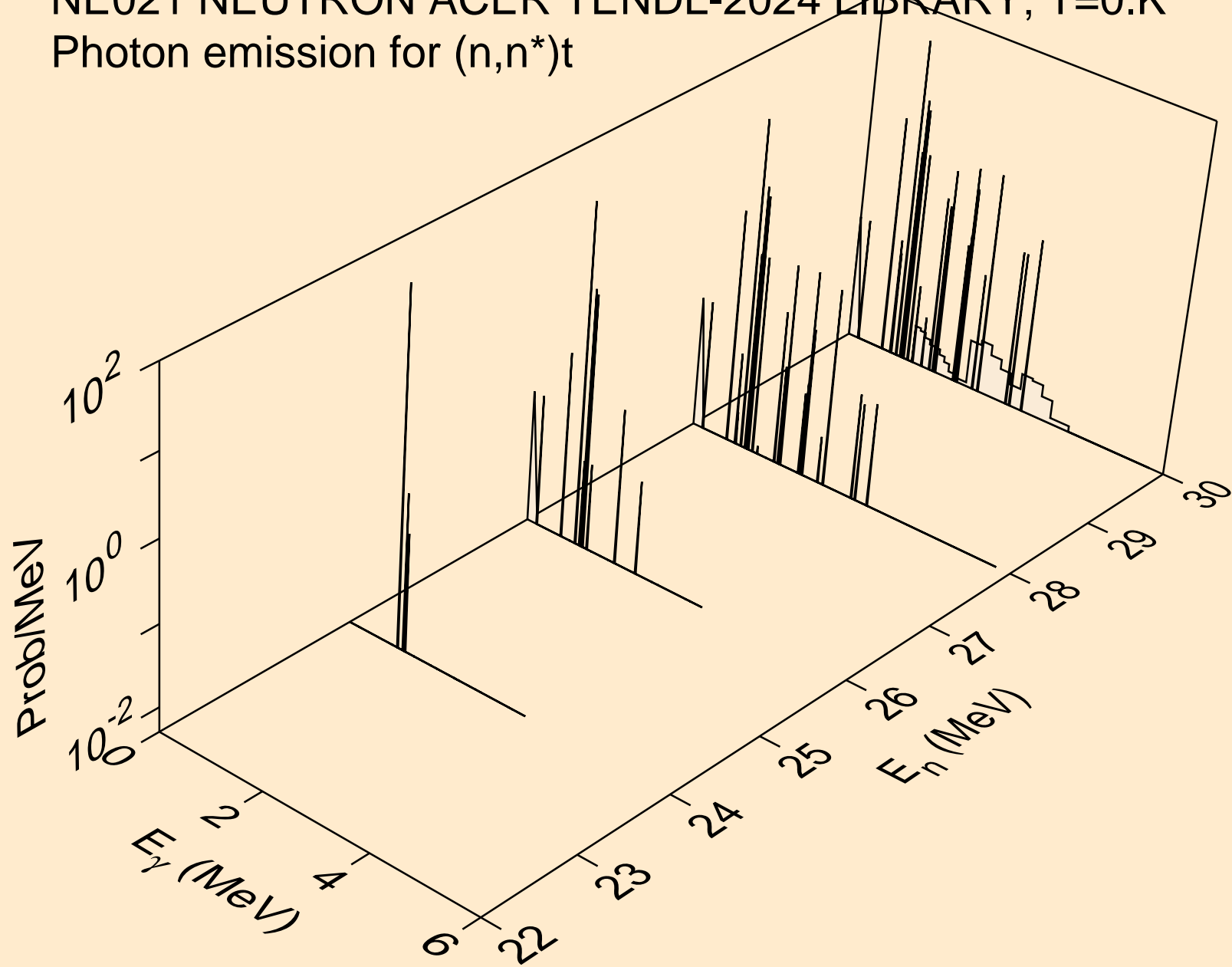
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



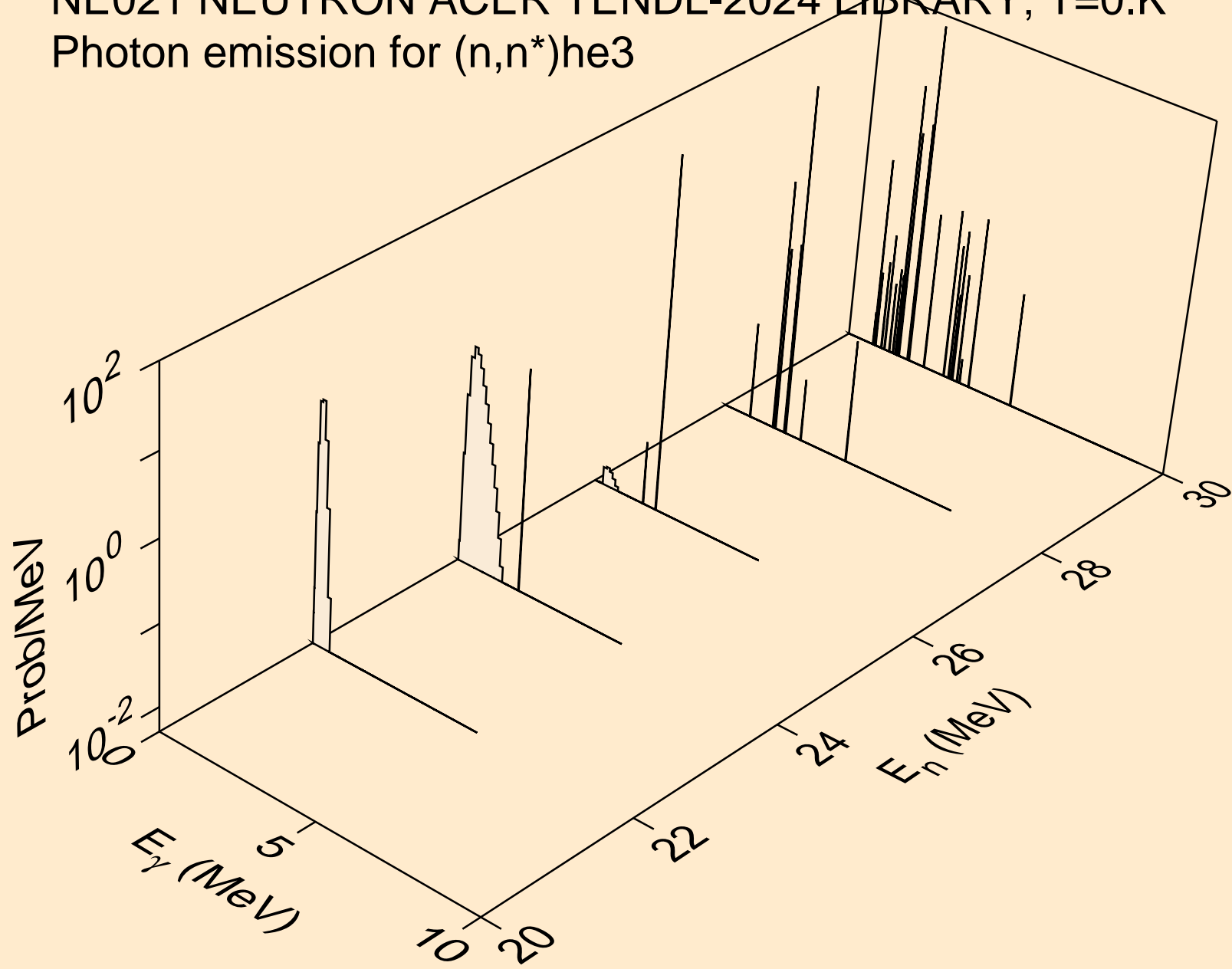
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Photon emission for (n,n\*)d



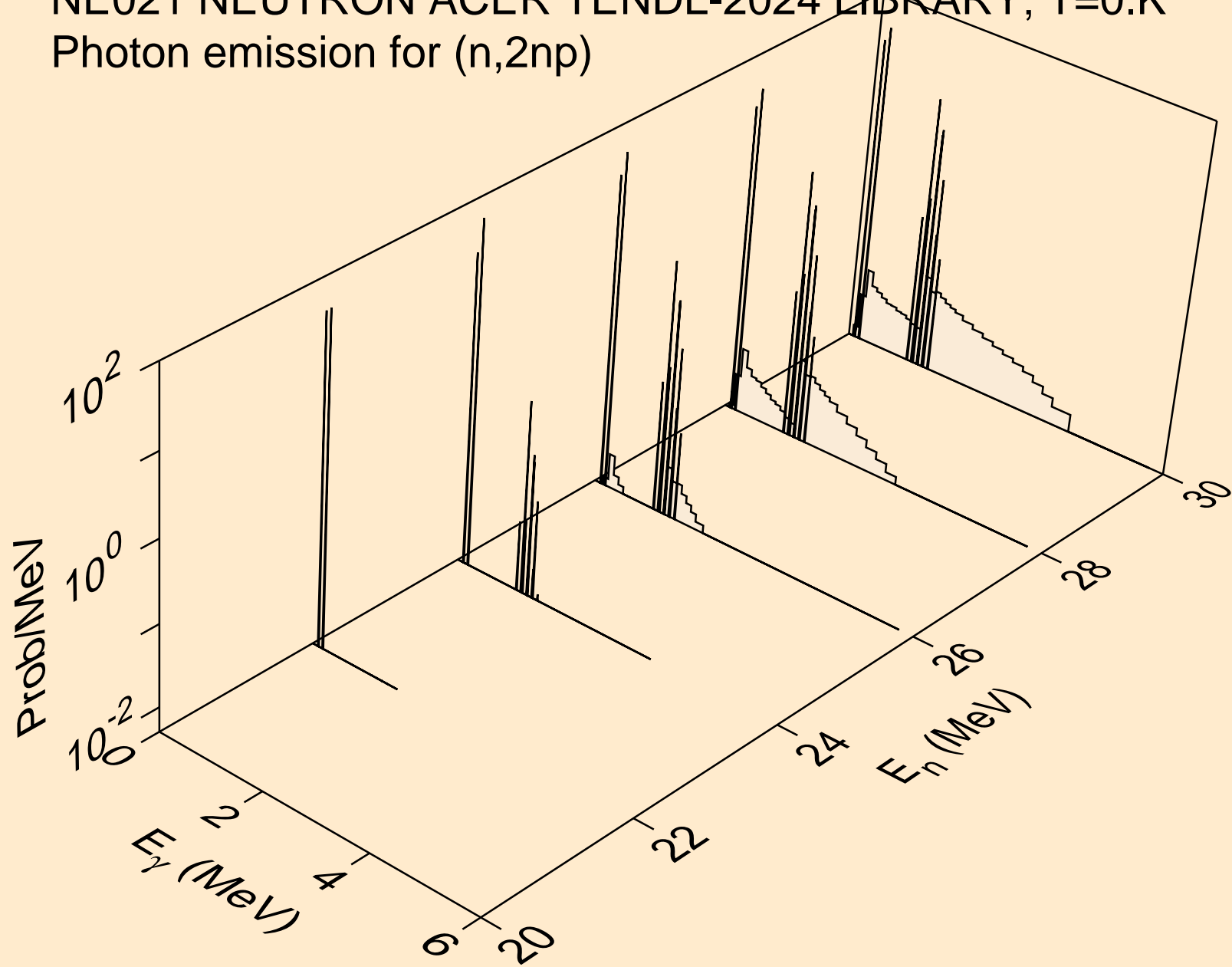
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Photon emission for (n,n\*)t



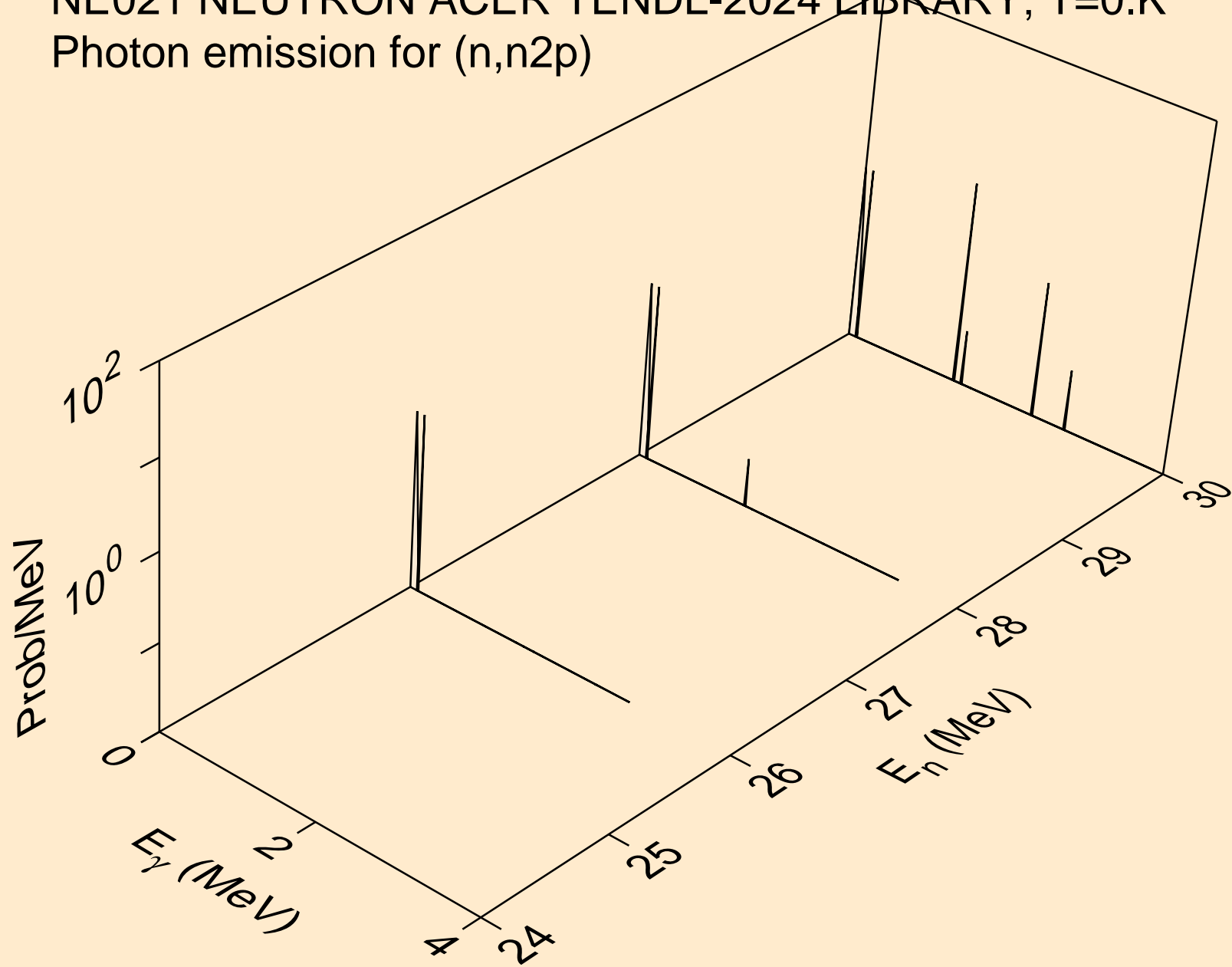
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



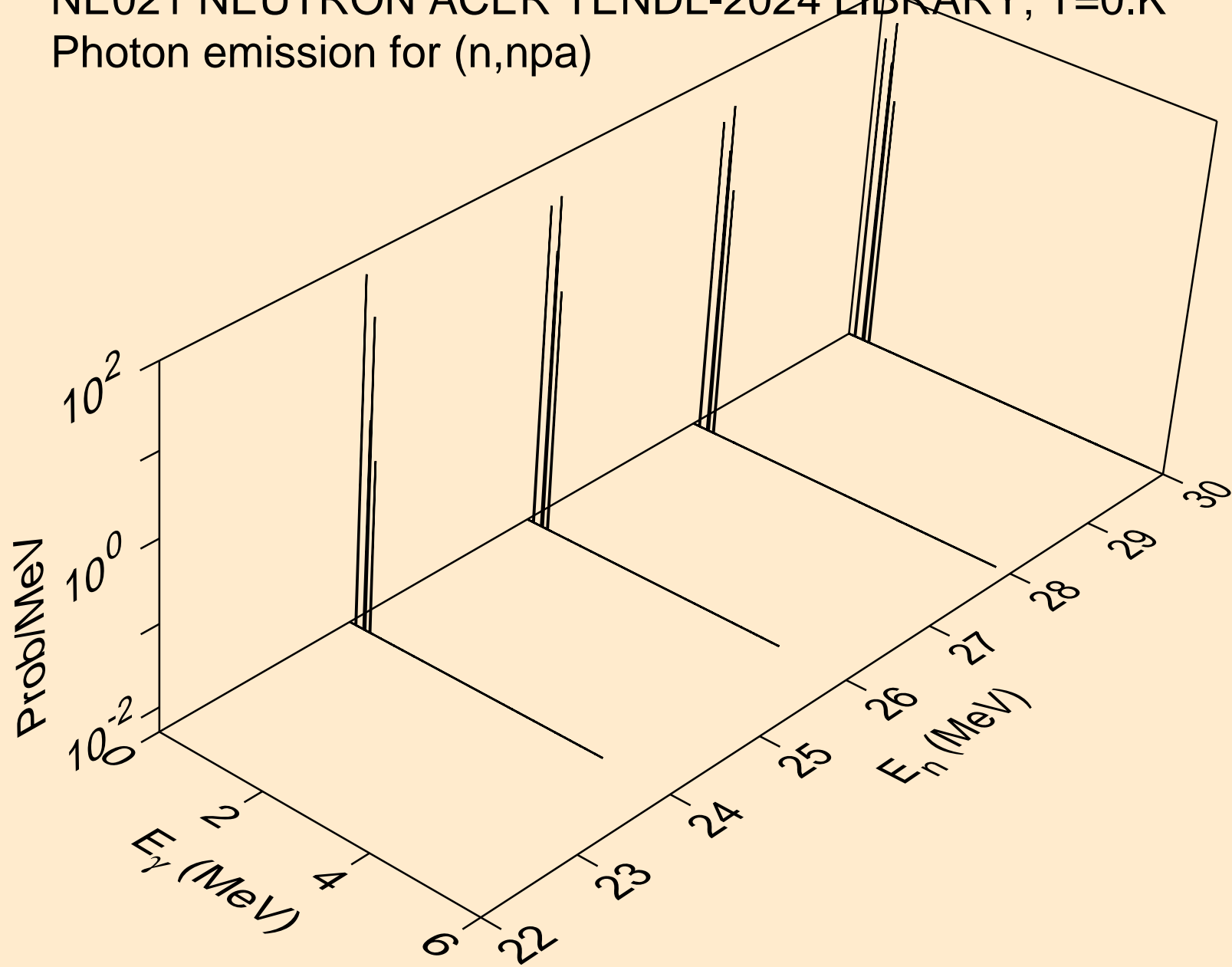
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Photon emission for (n,2np)



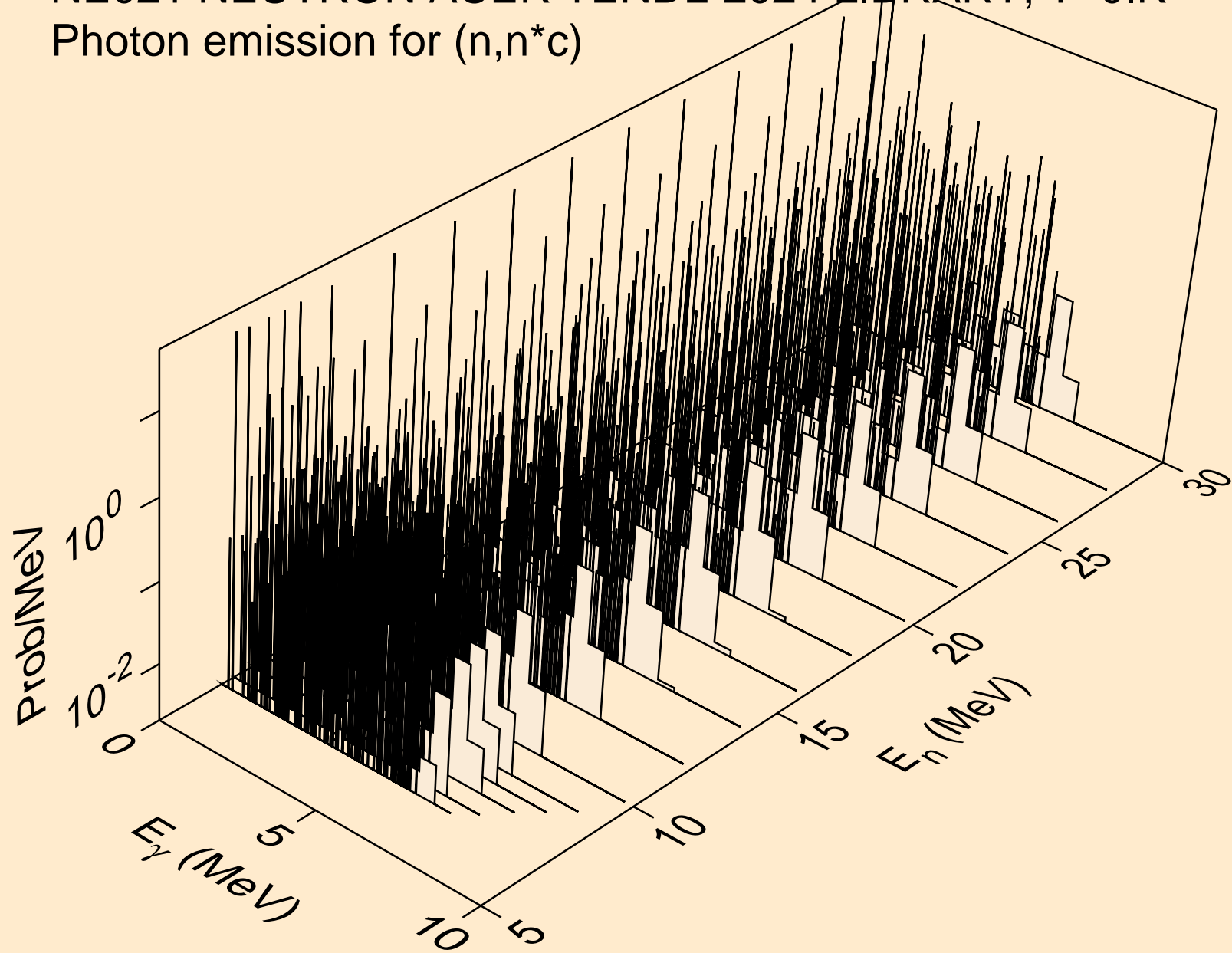
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

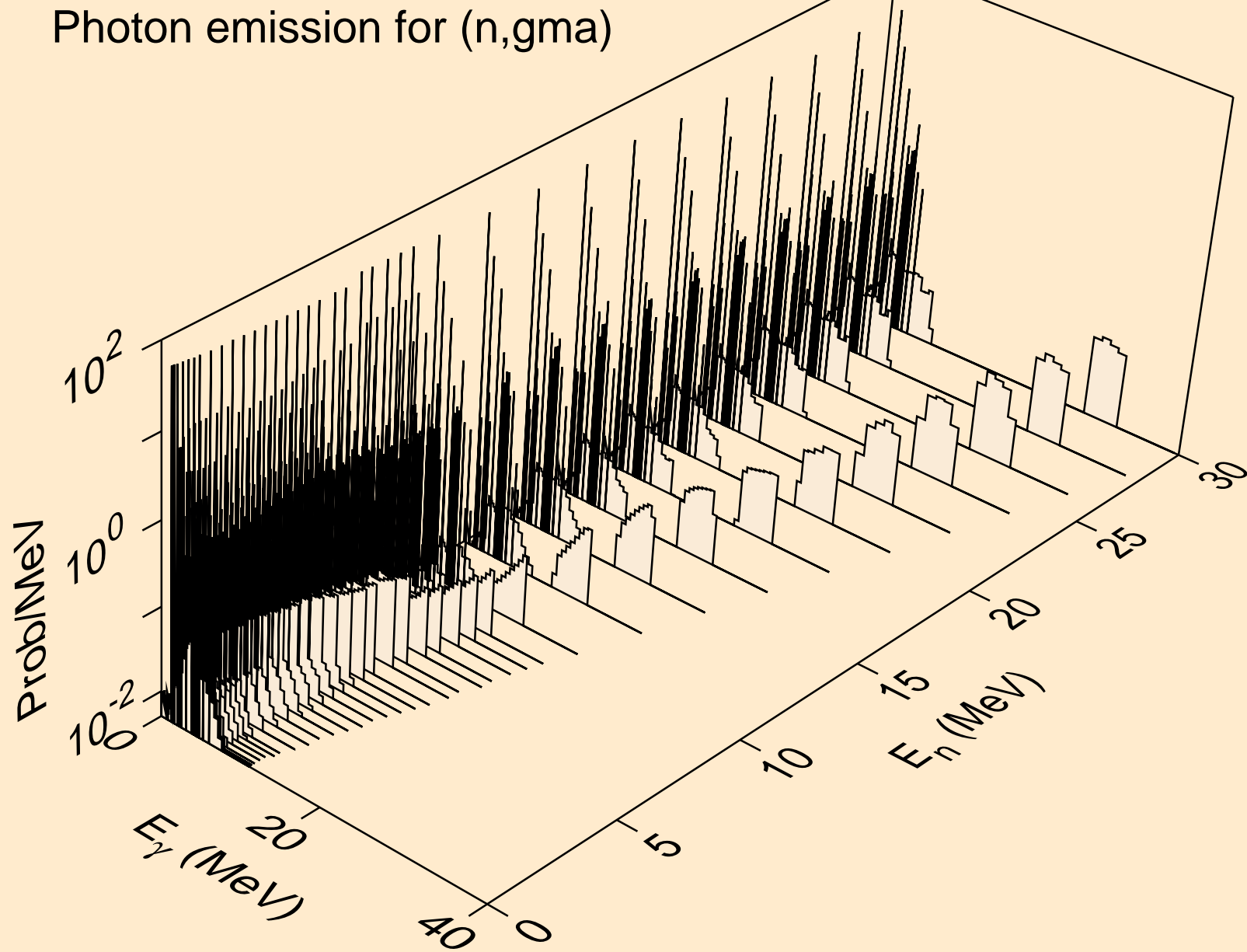


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

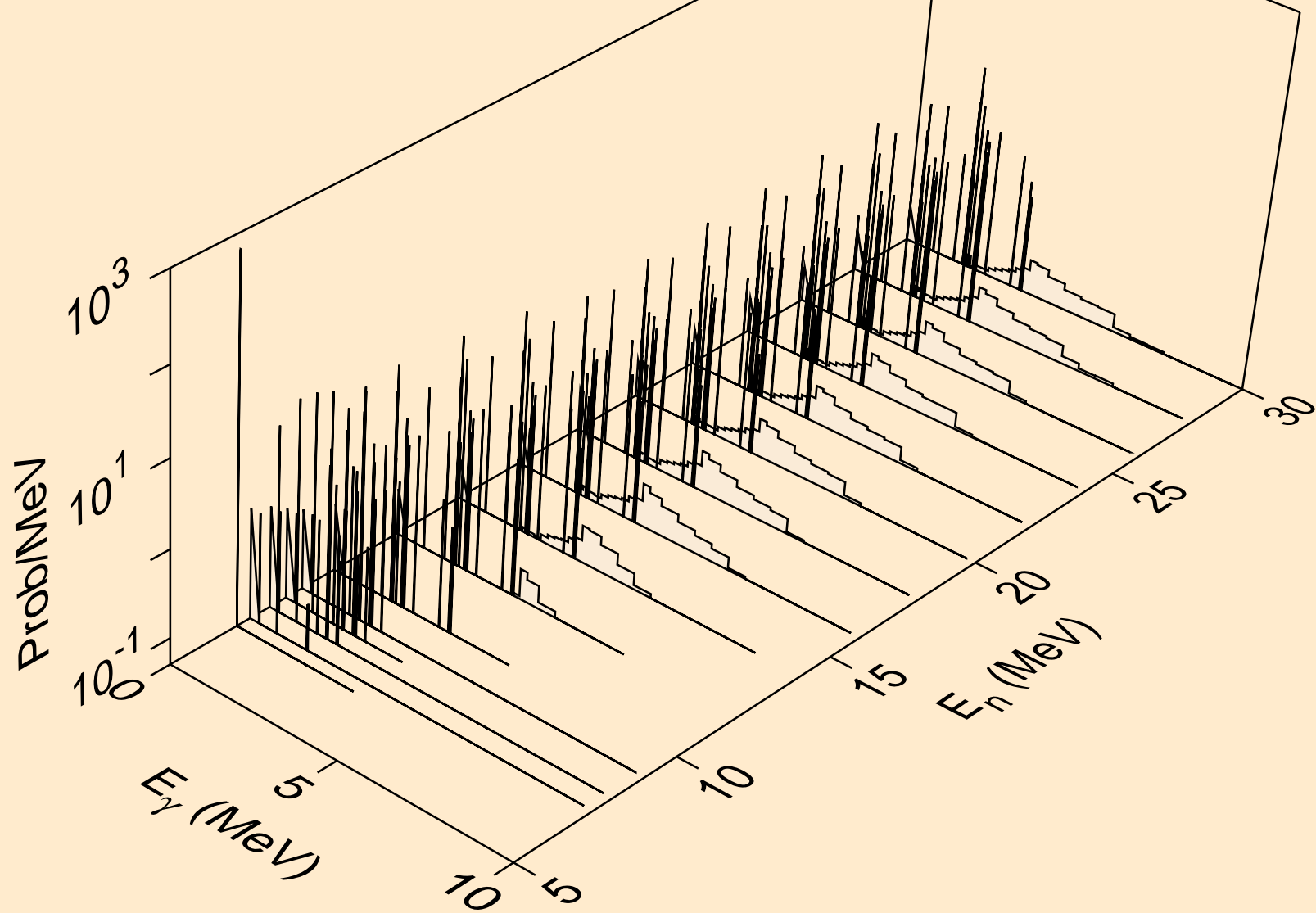




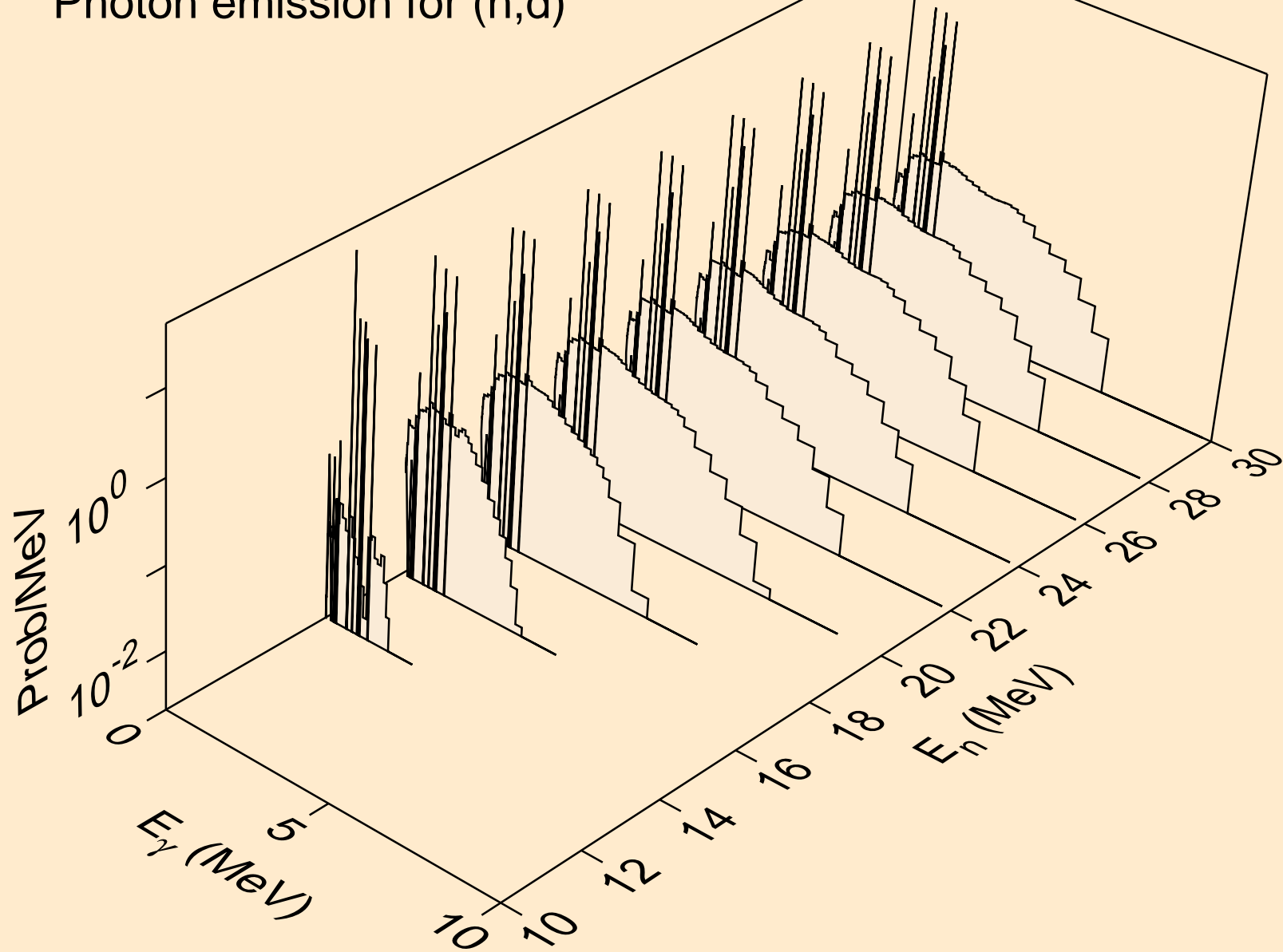
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Photon emission for (n,gma)



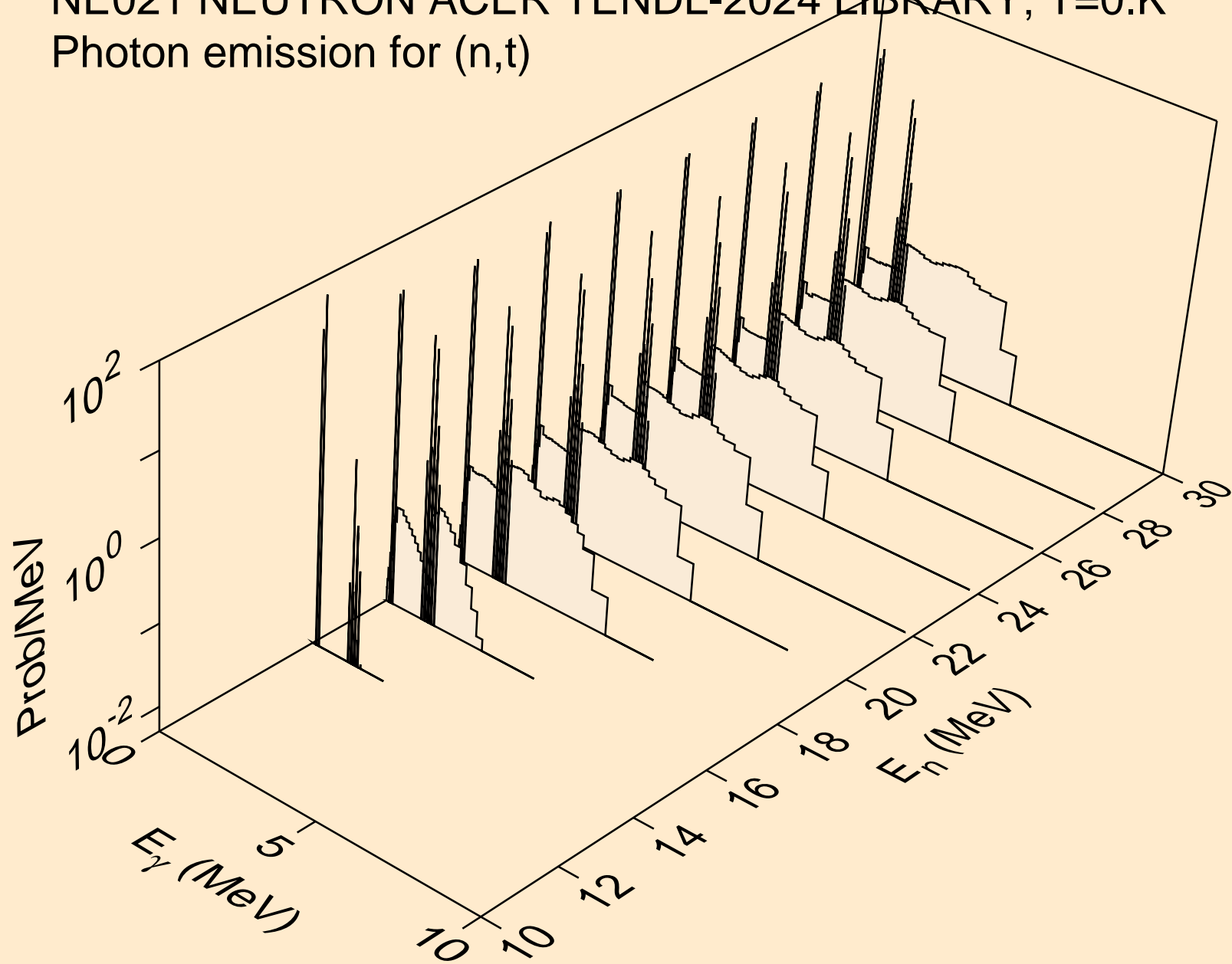
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Photon emission for (n,p)



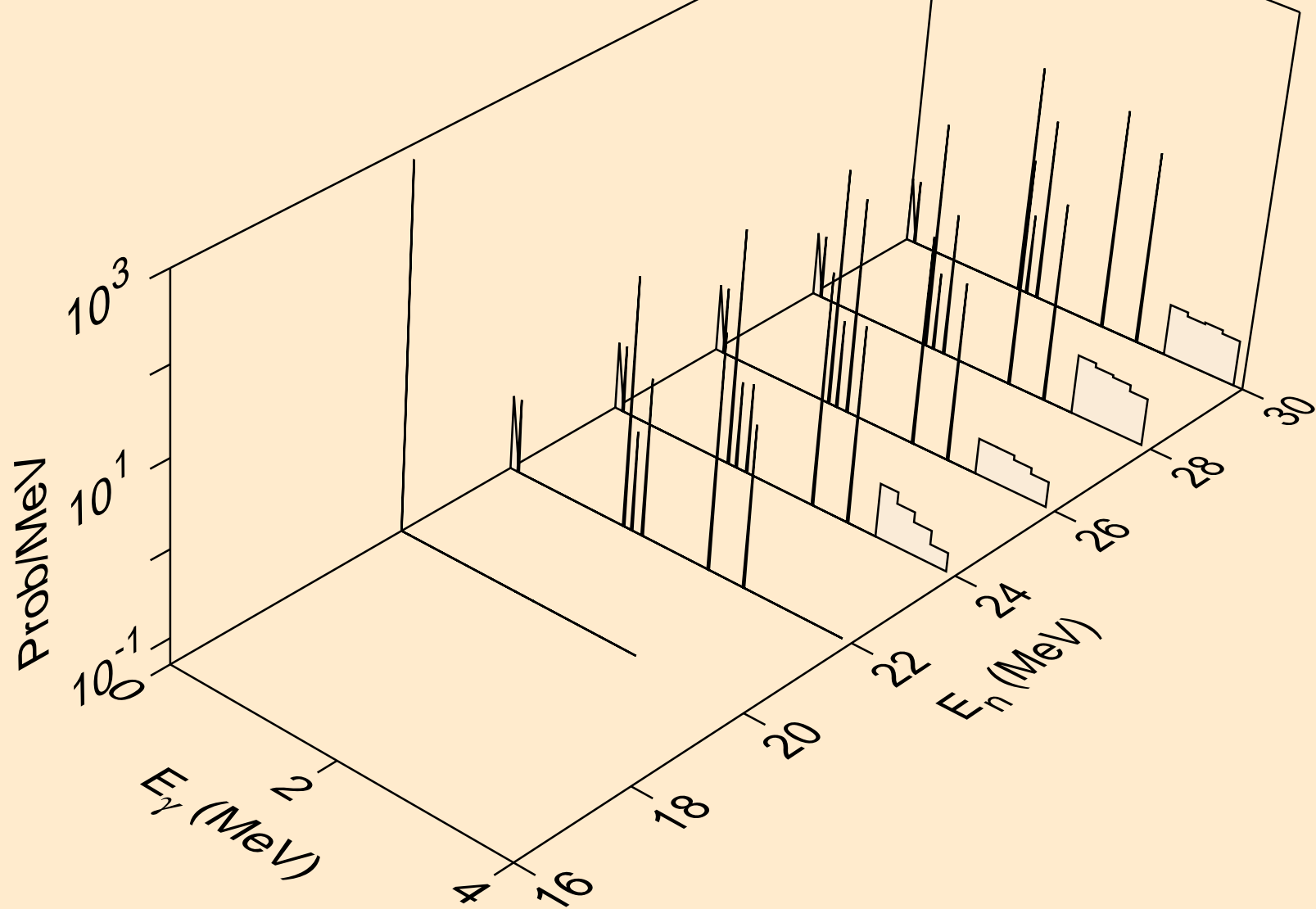
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Photon emission for (n,d)



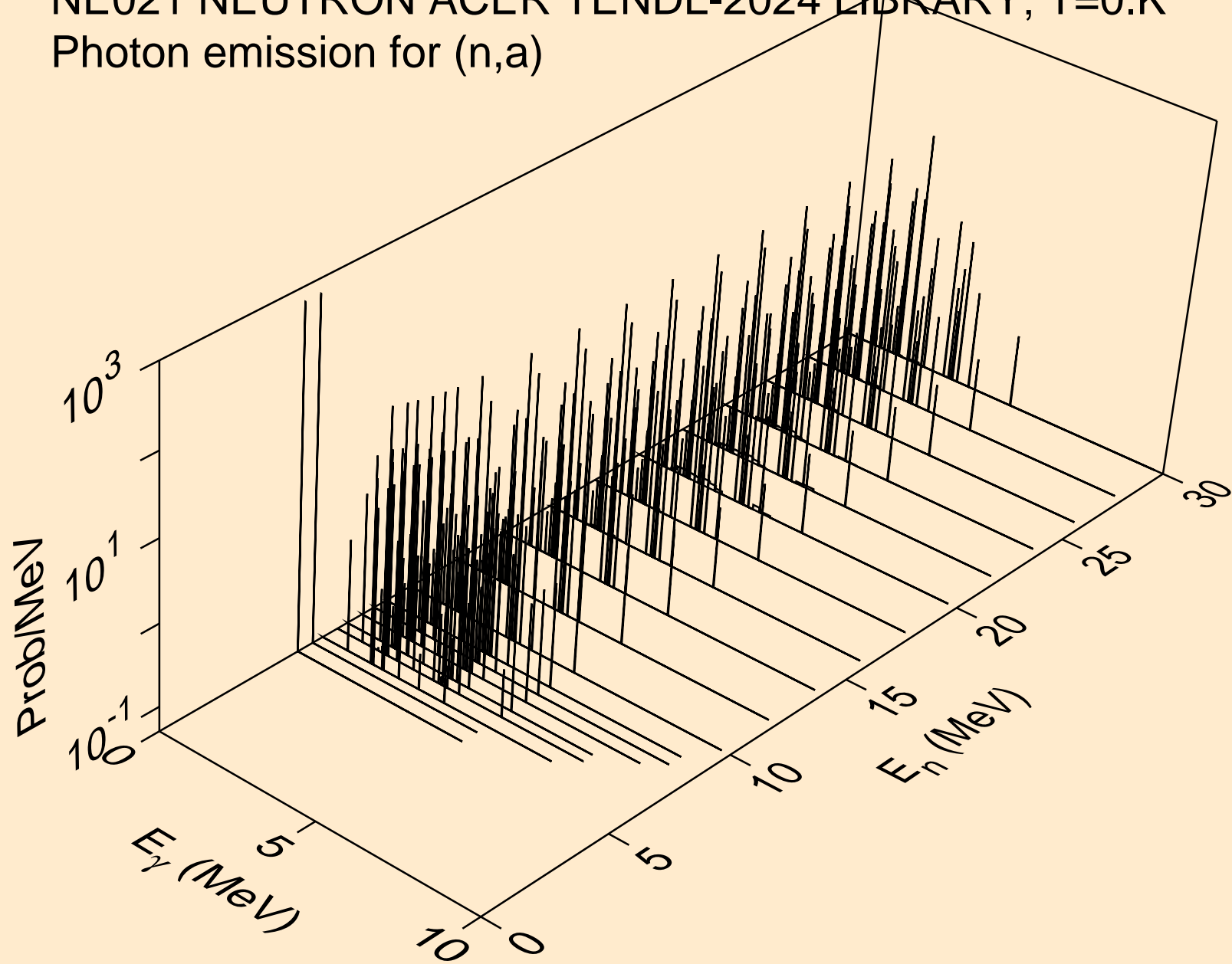
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Photon emission for (n,t)



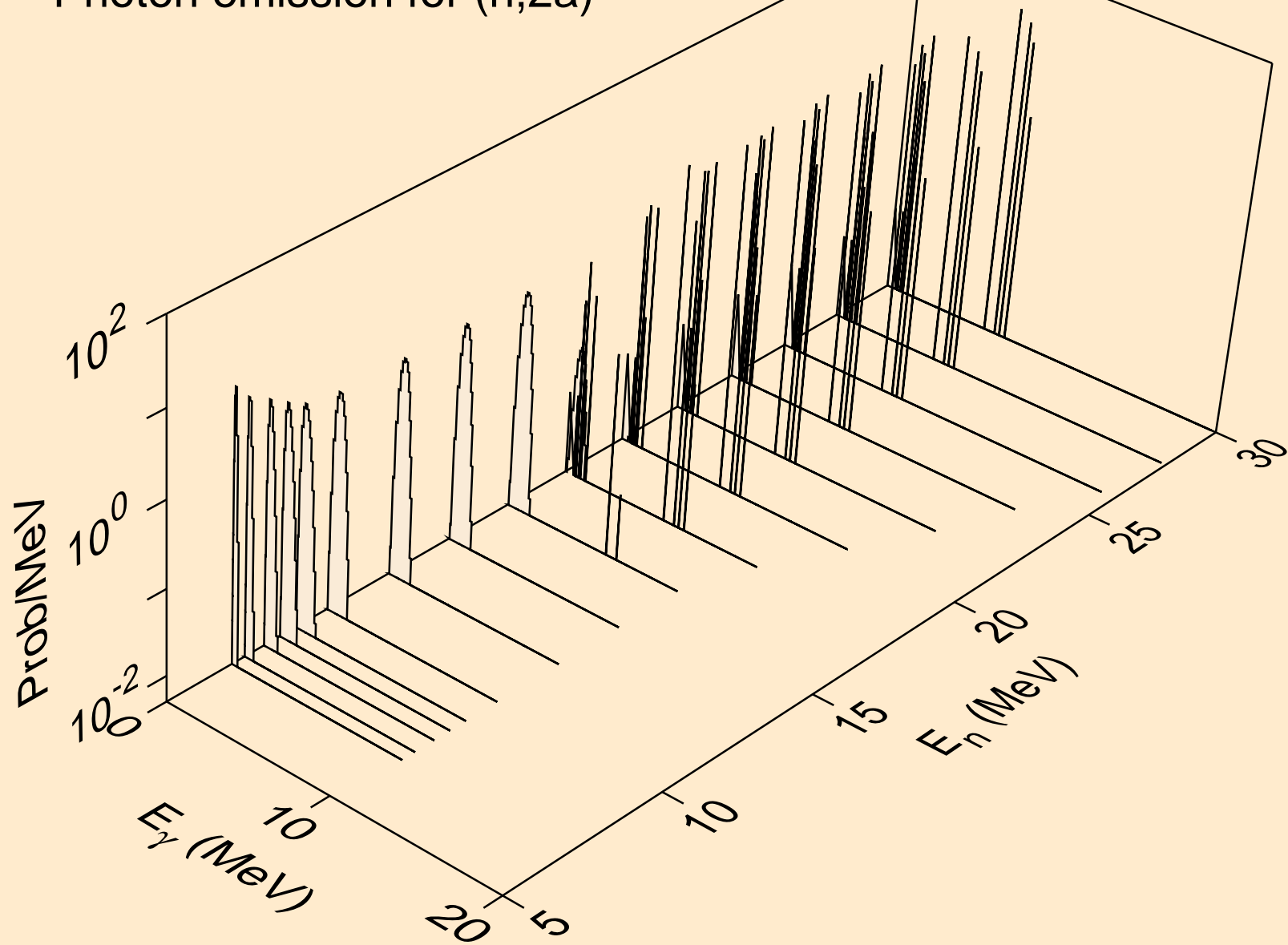
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Photon emission for (n,he3)



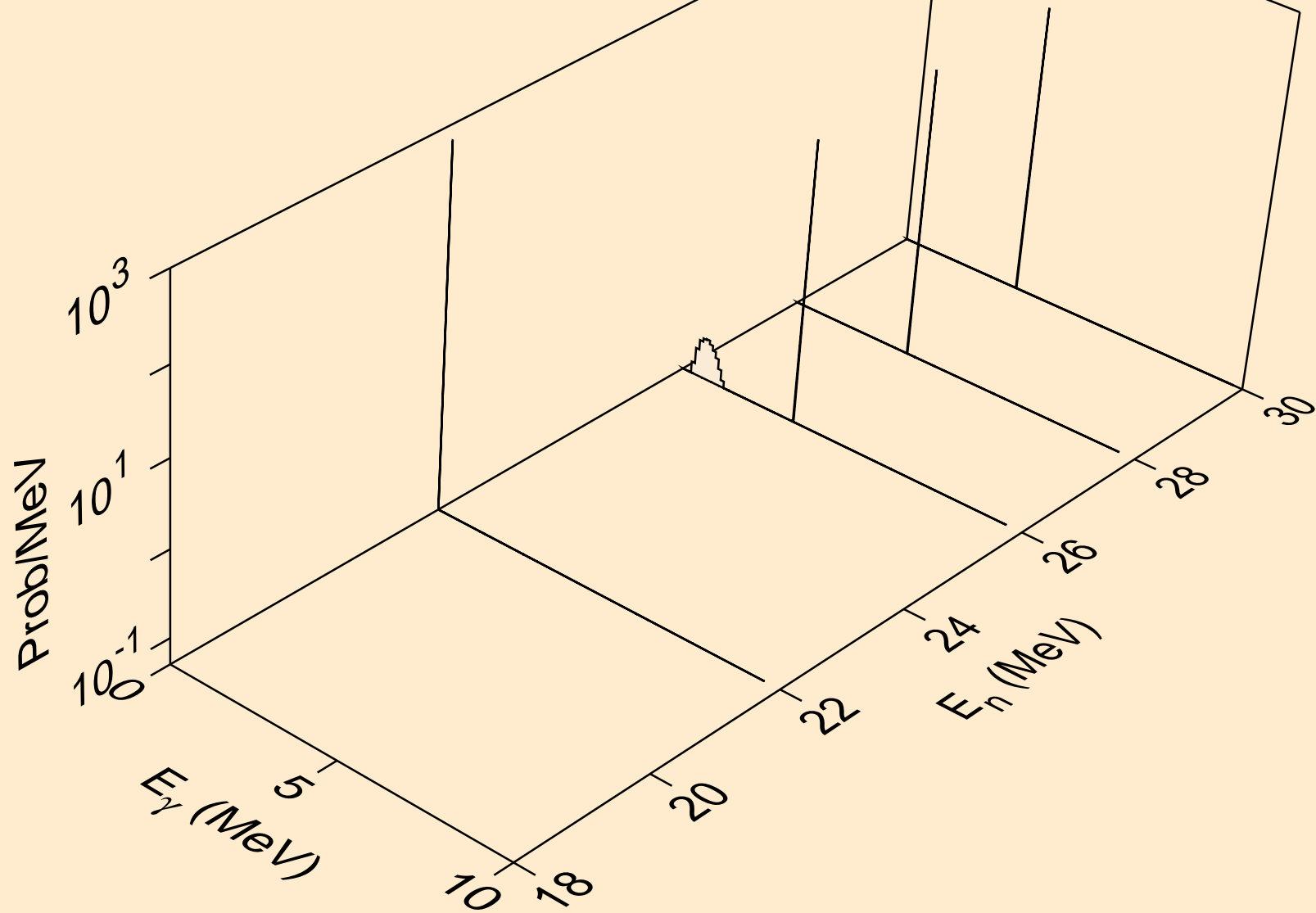
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

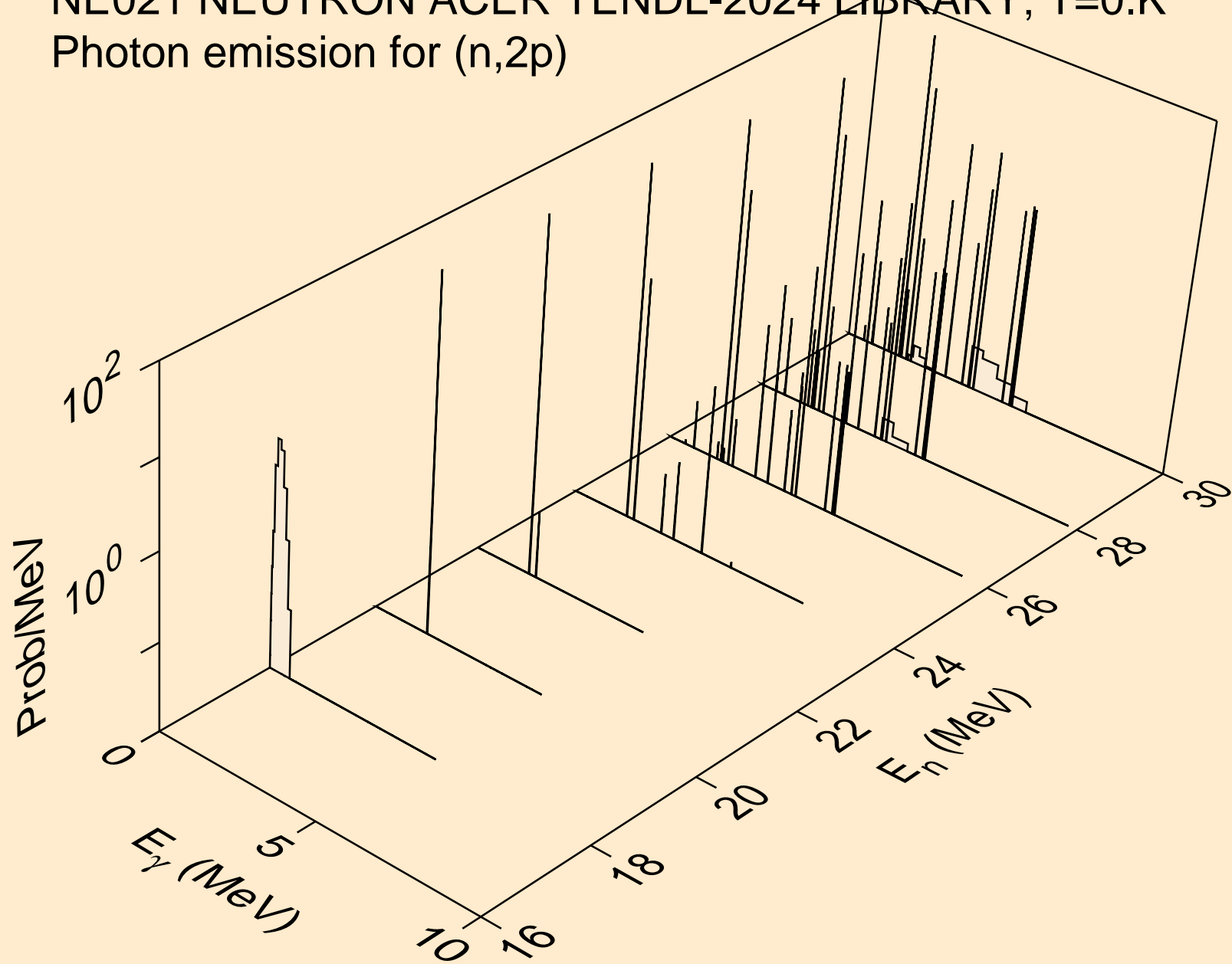


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Photon emission for (n,3a)

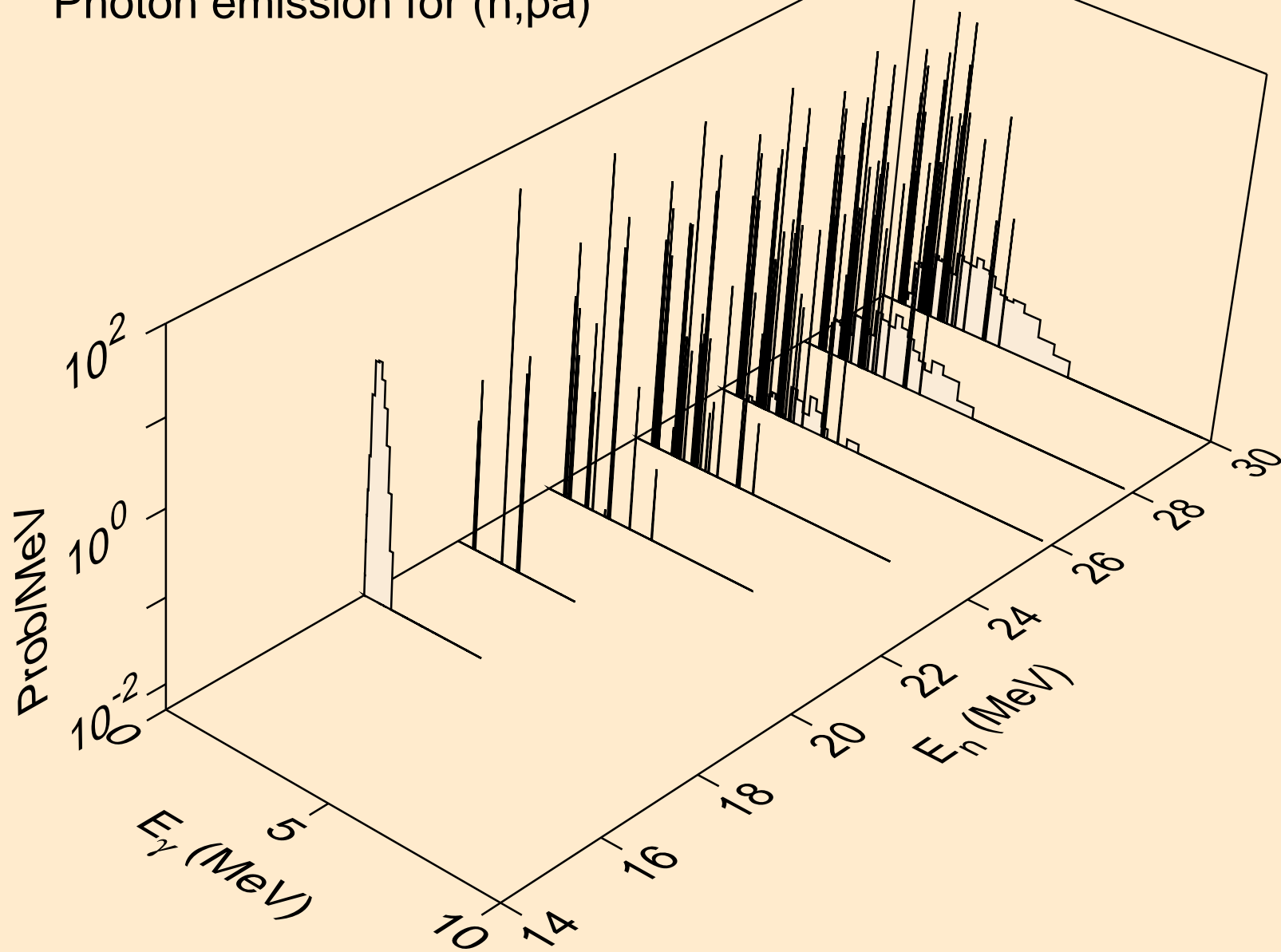




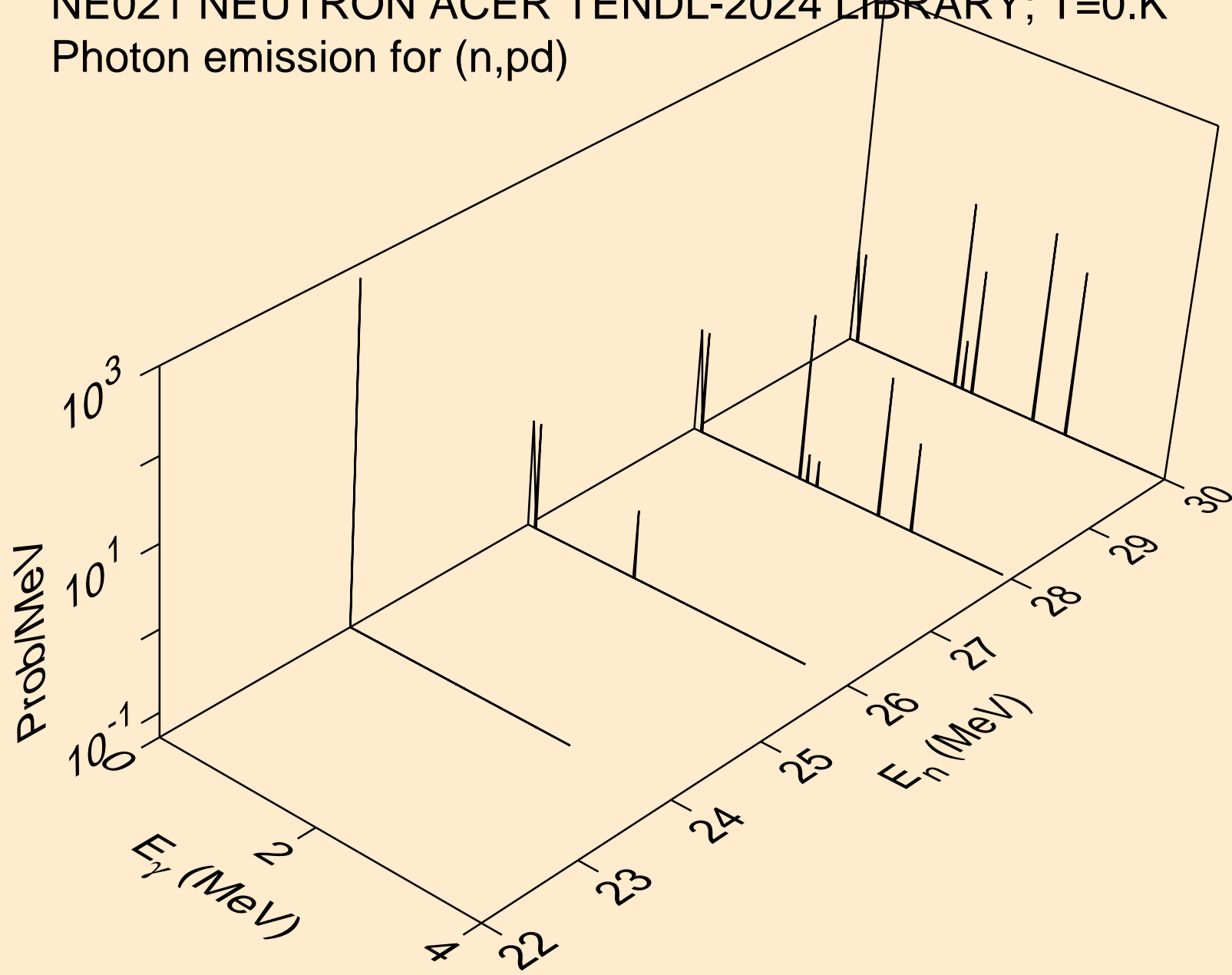
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Photon emission for (n,2p)



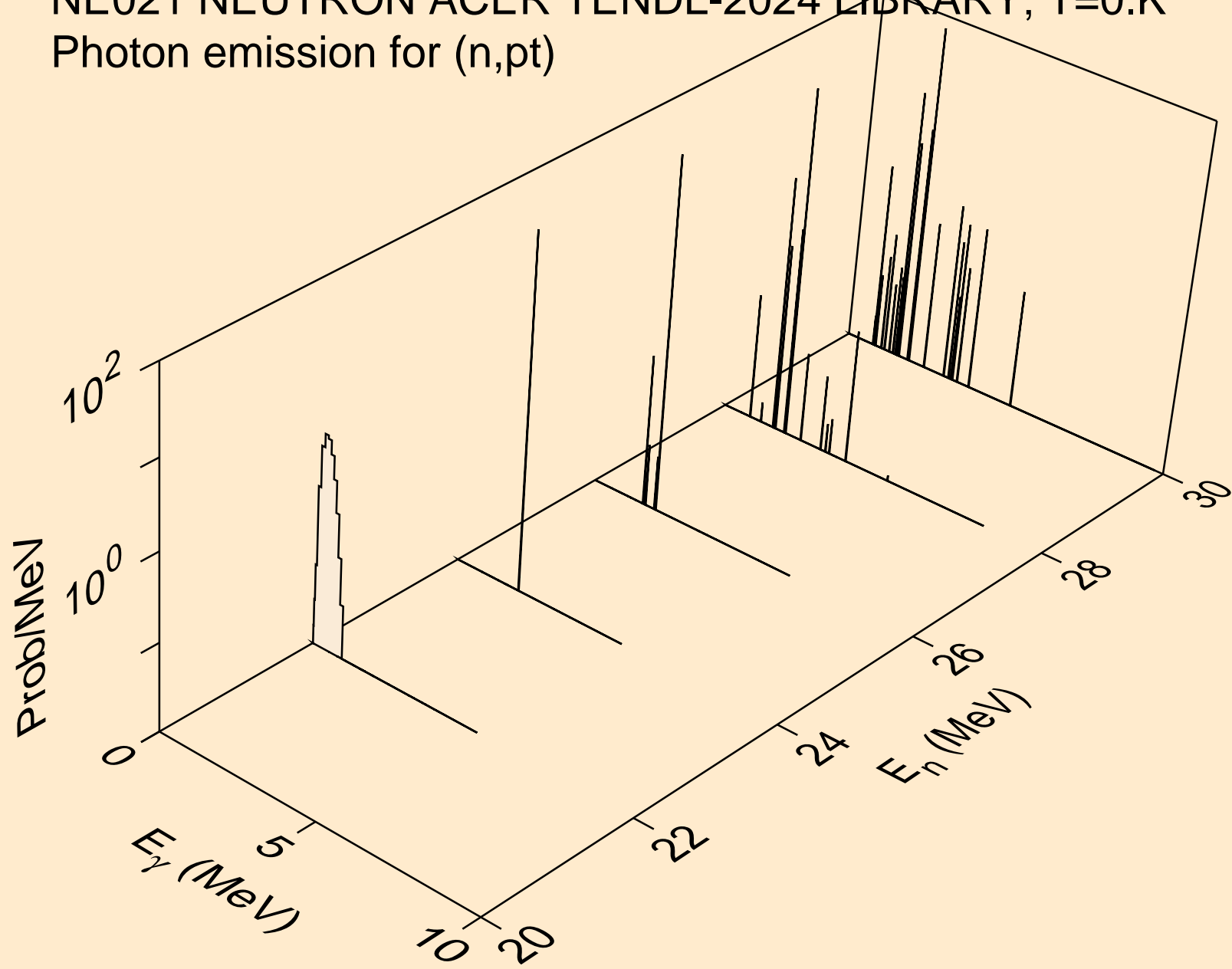
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Photon emission for (n,pa)



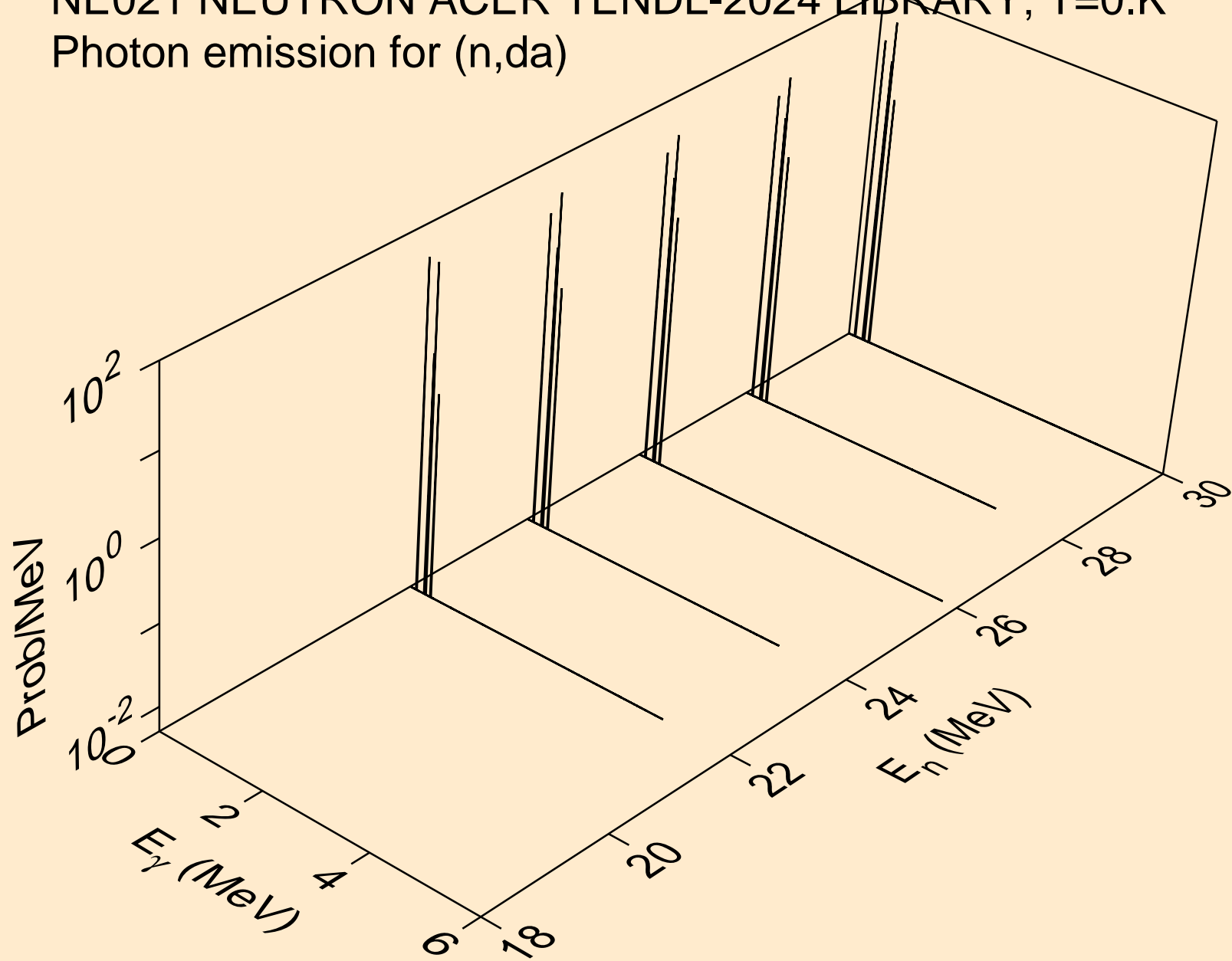
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Photon emission for (n,pd)



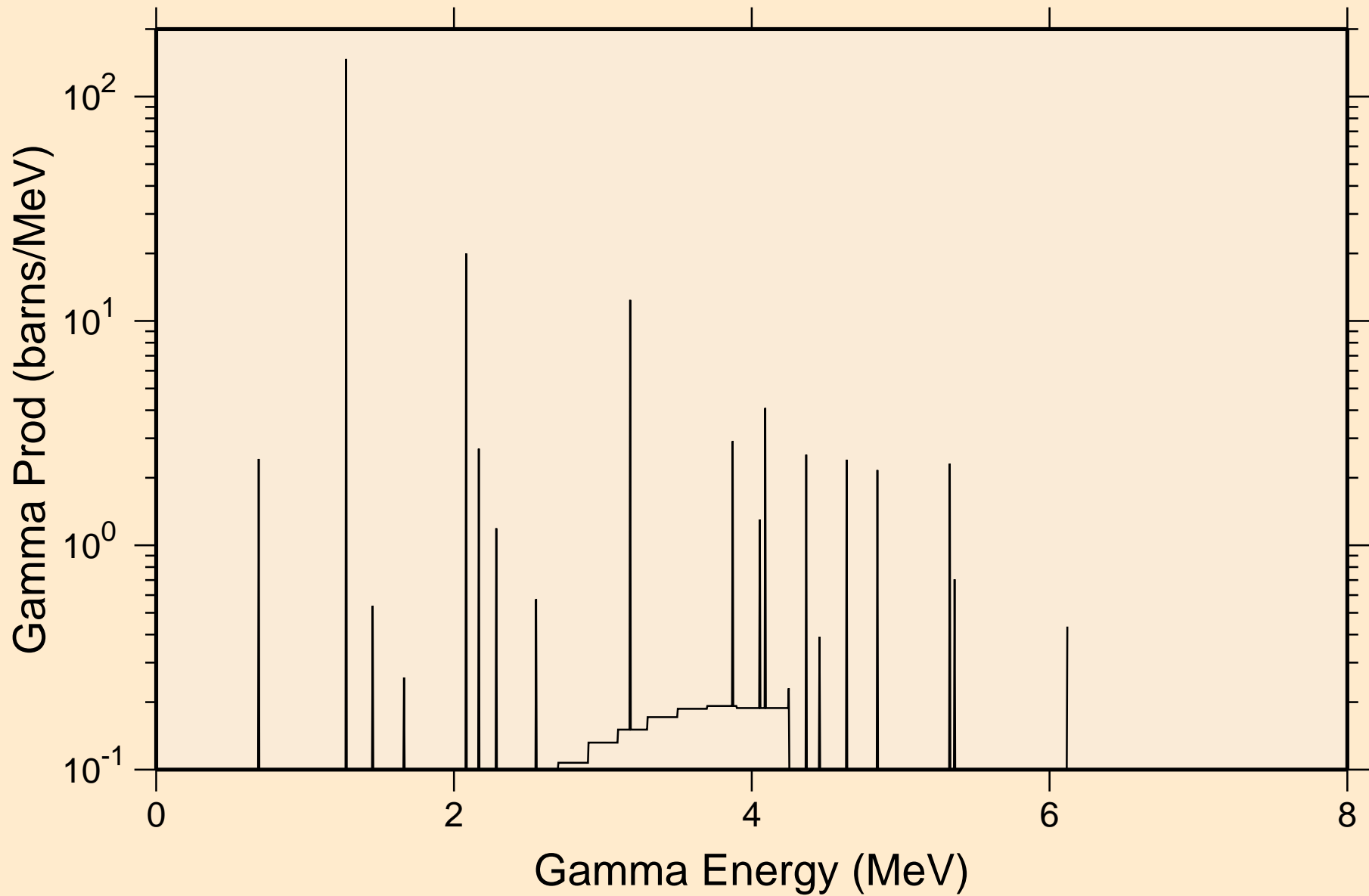
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



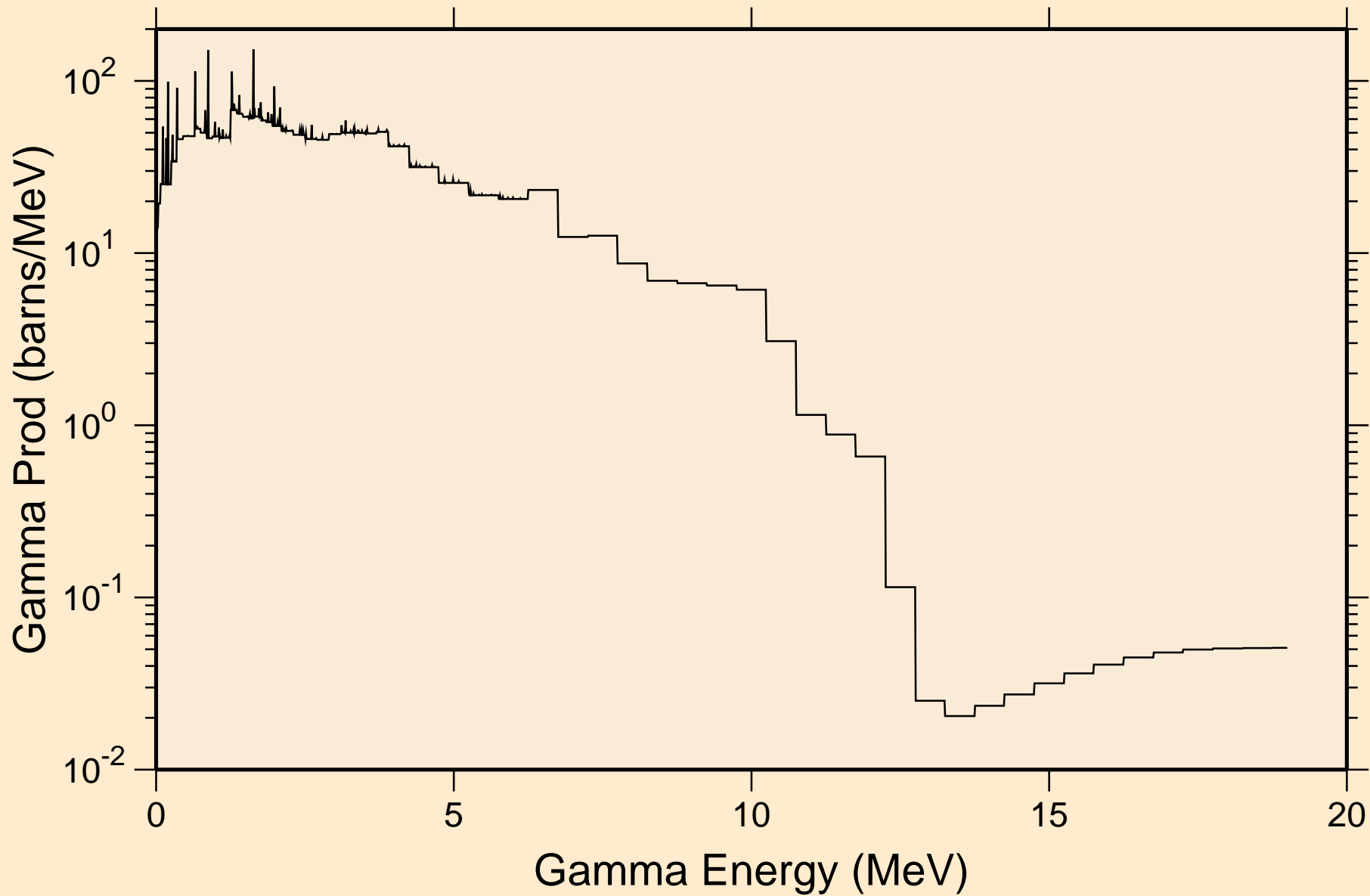
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

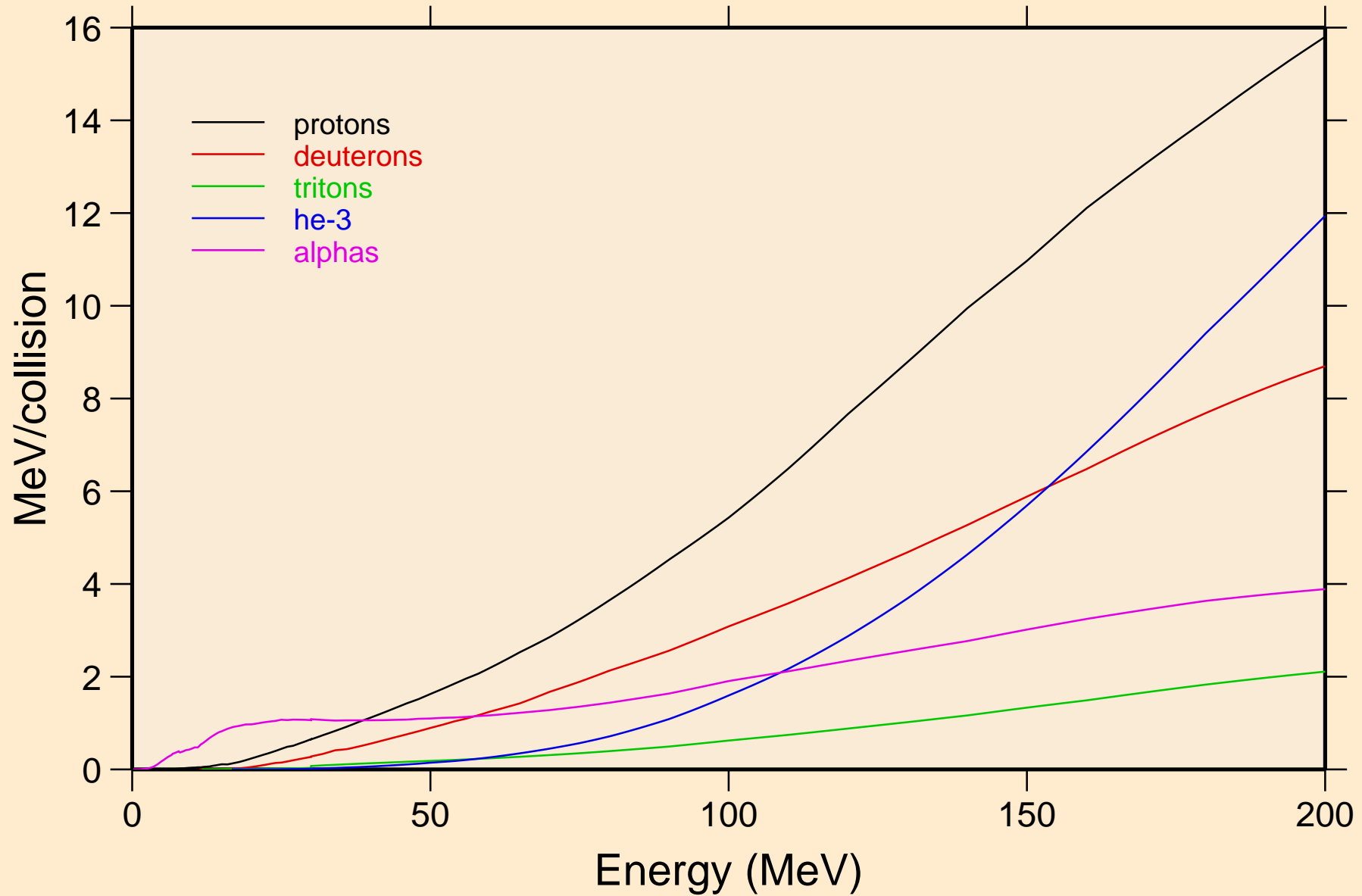


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



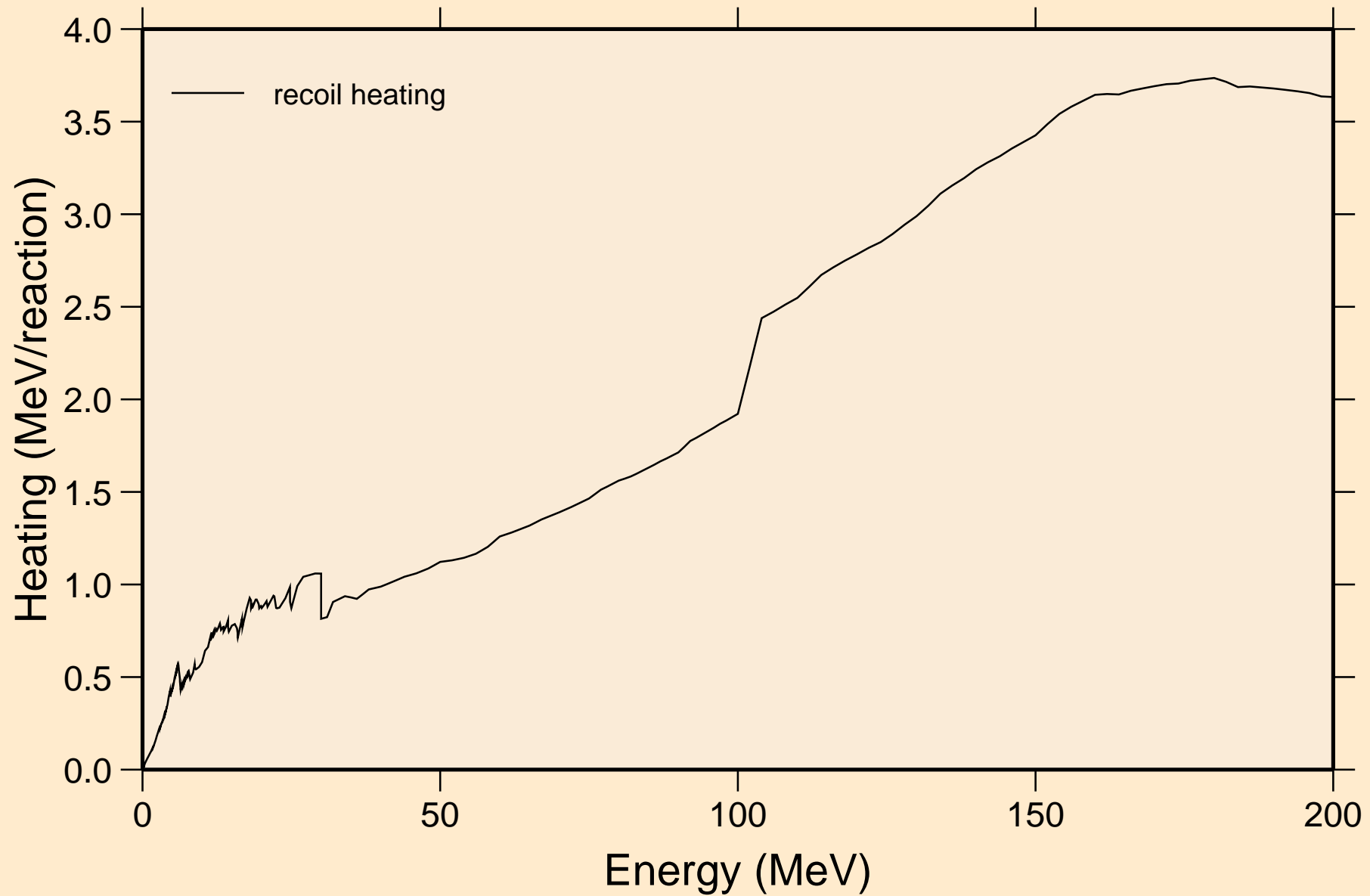
# NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



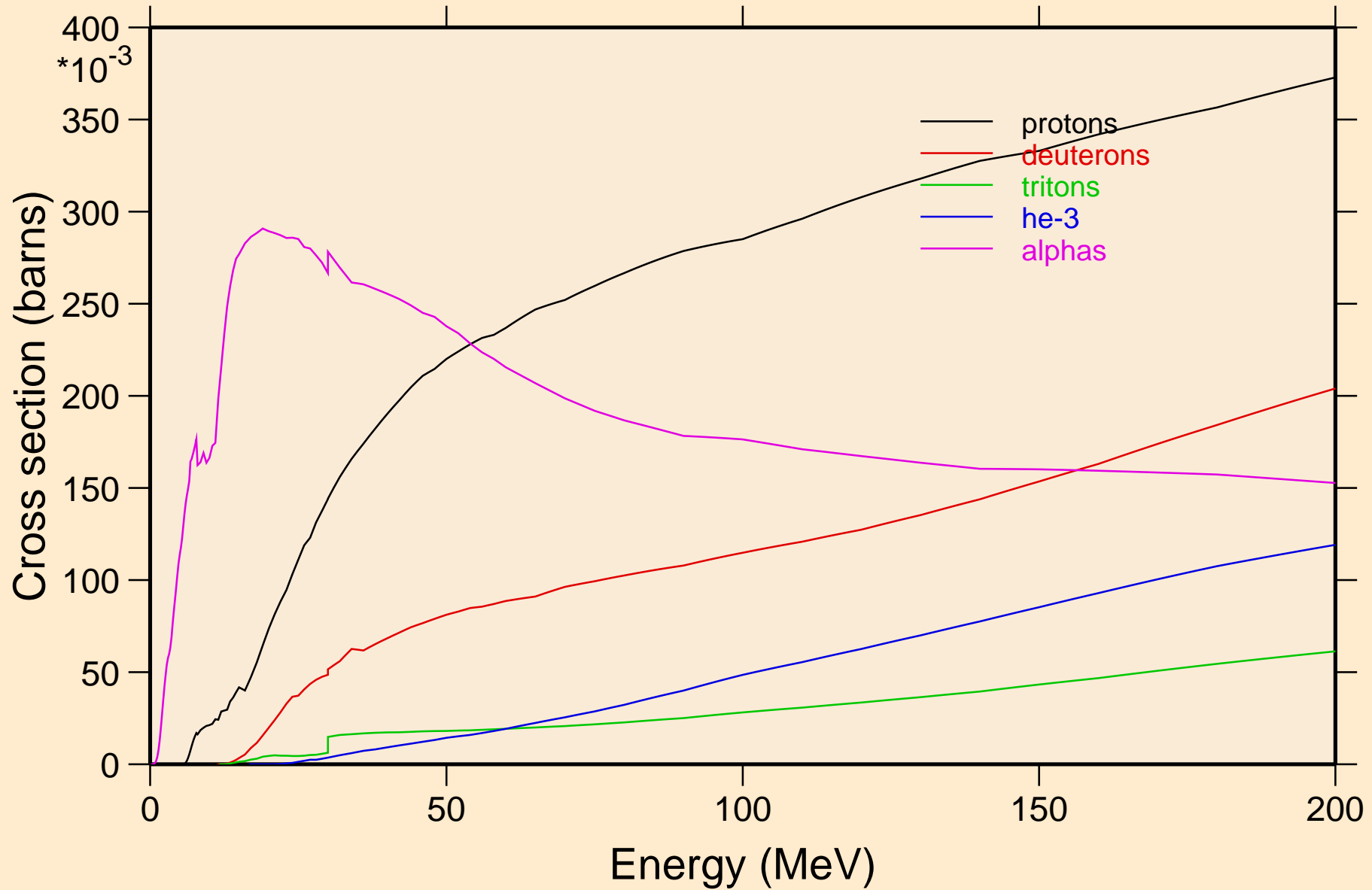


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

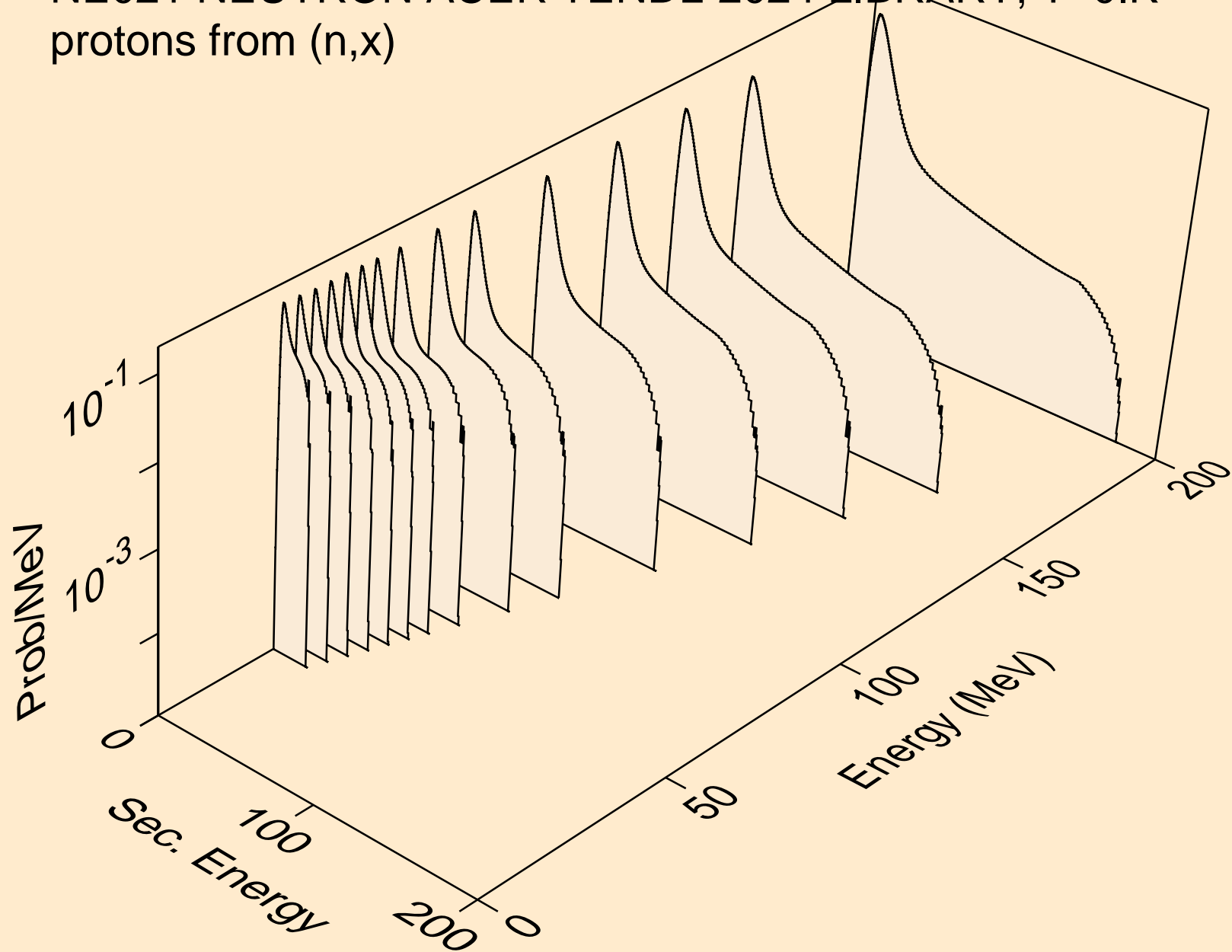


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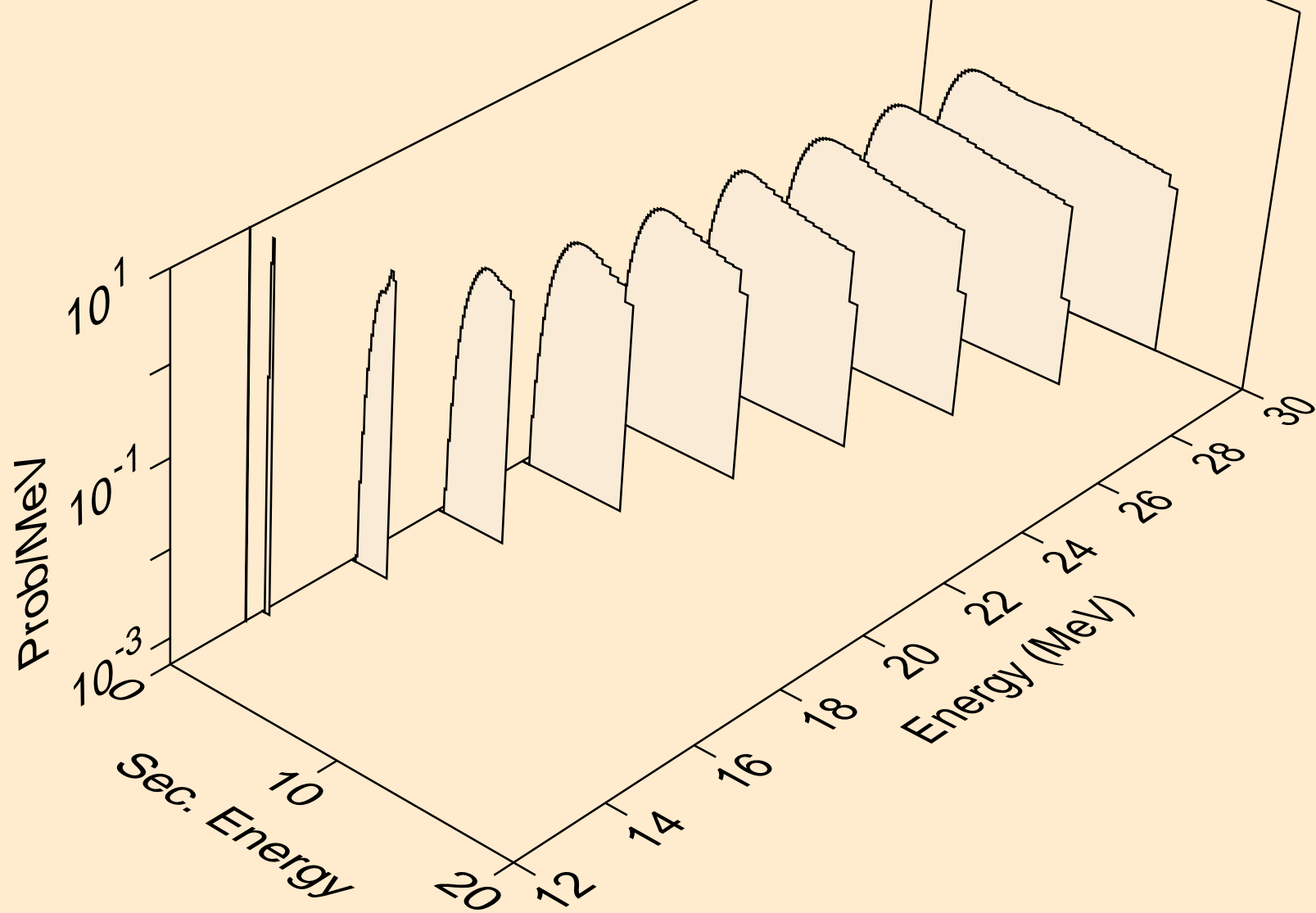
## Particle production cross sections



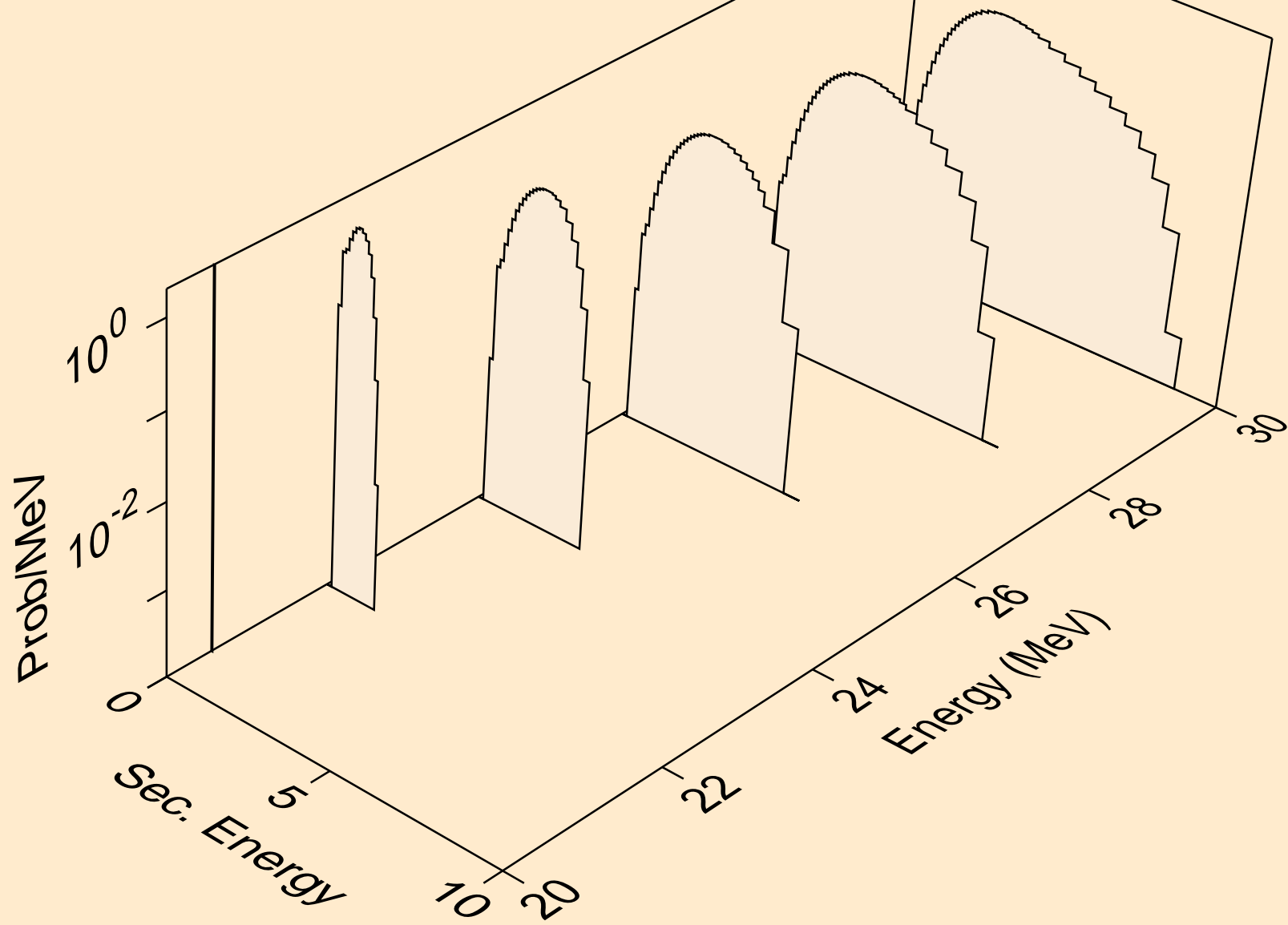
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



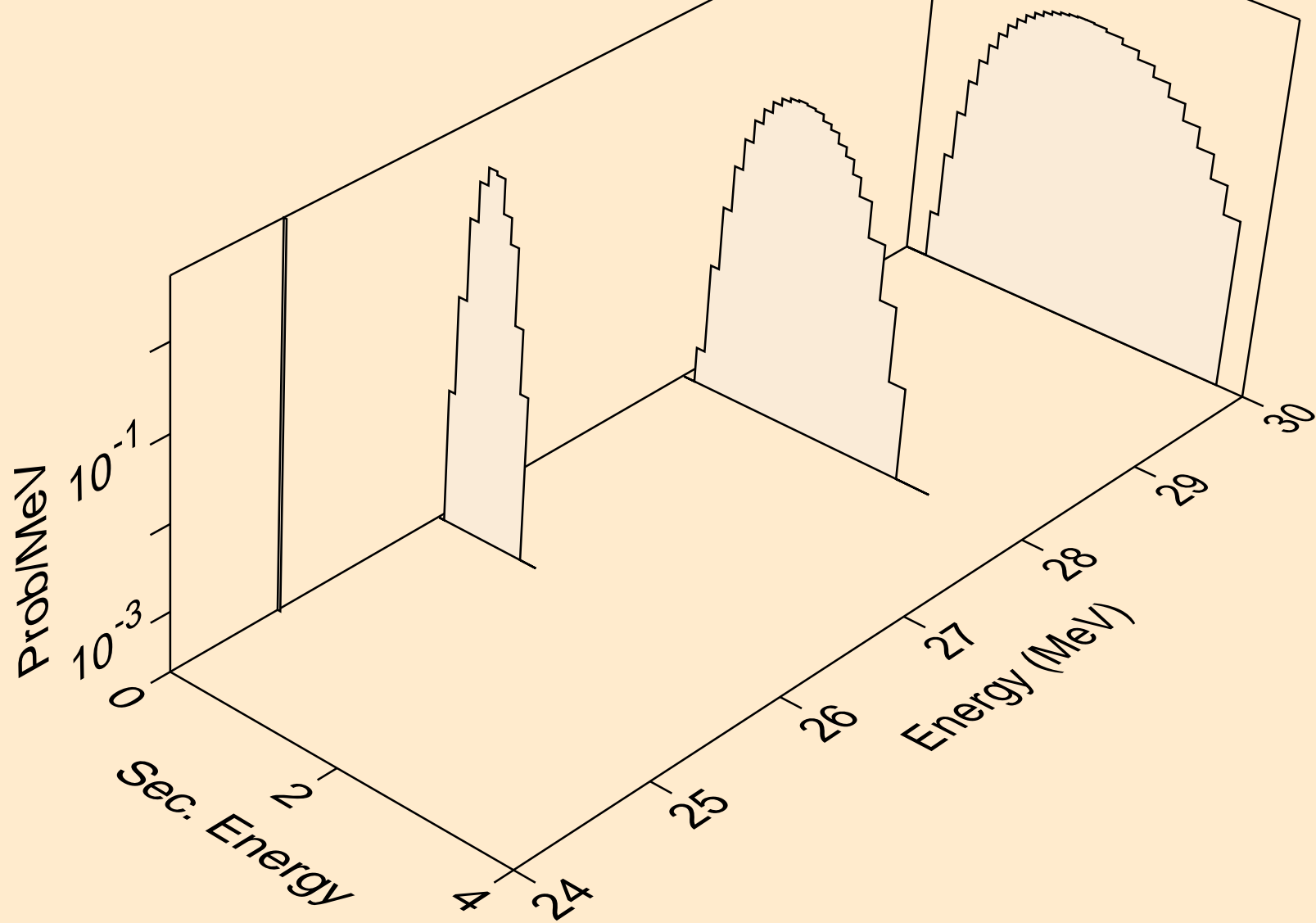
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



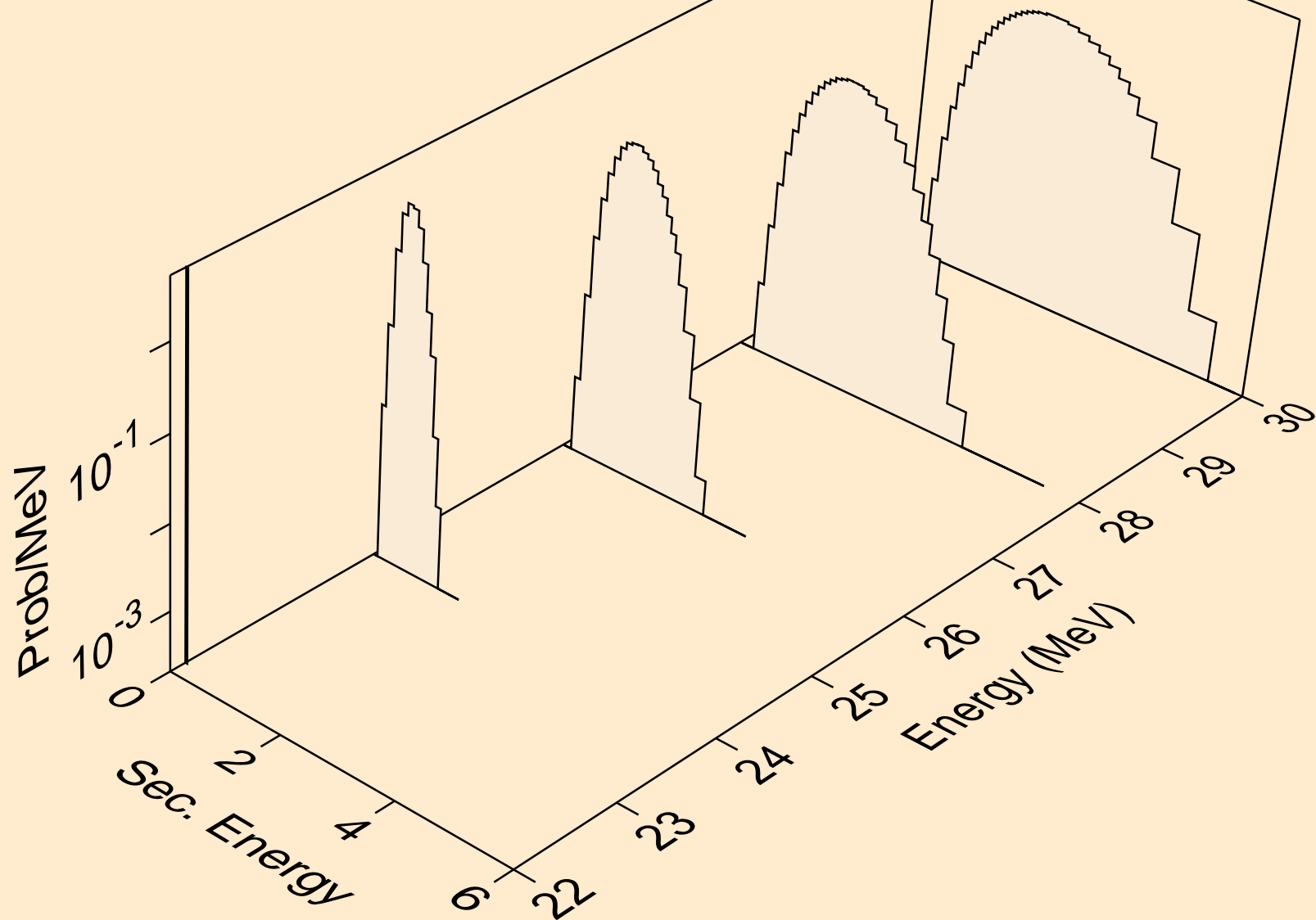
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protons from (n,2np)



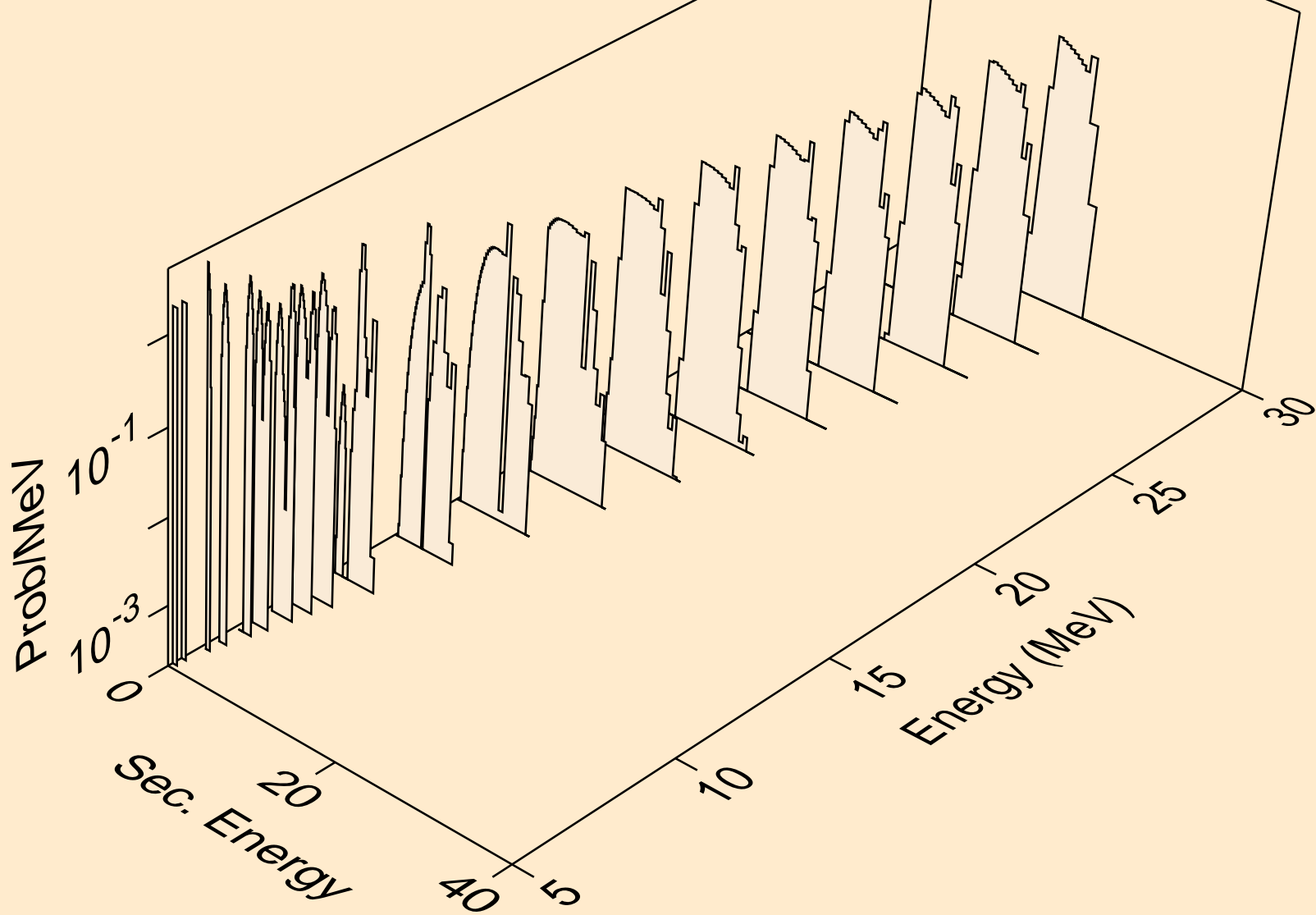
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protons from (n,n2p)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

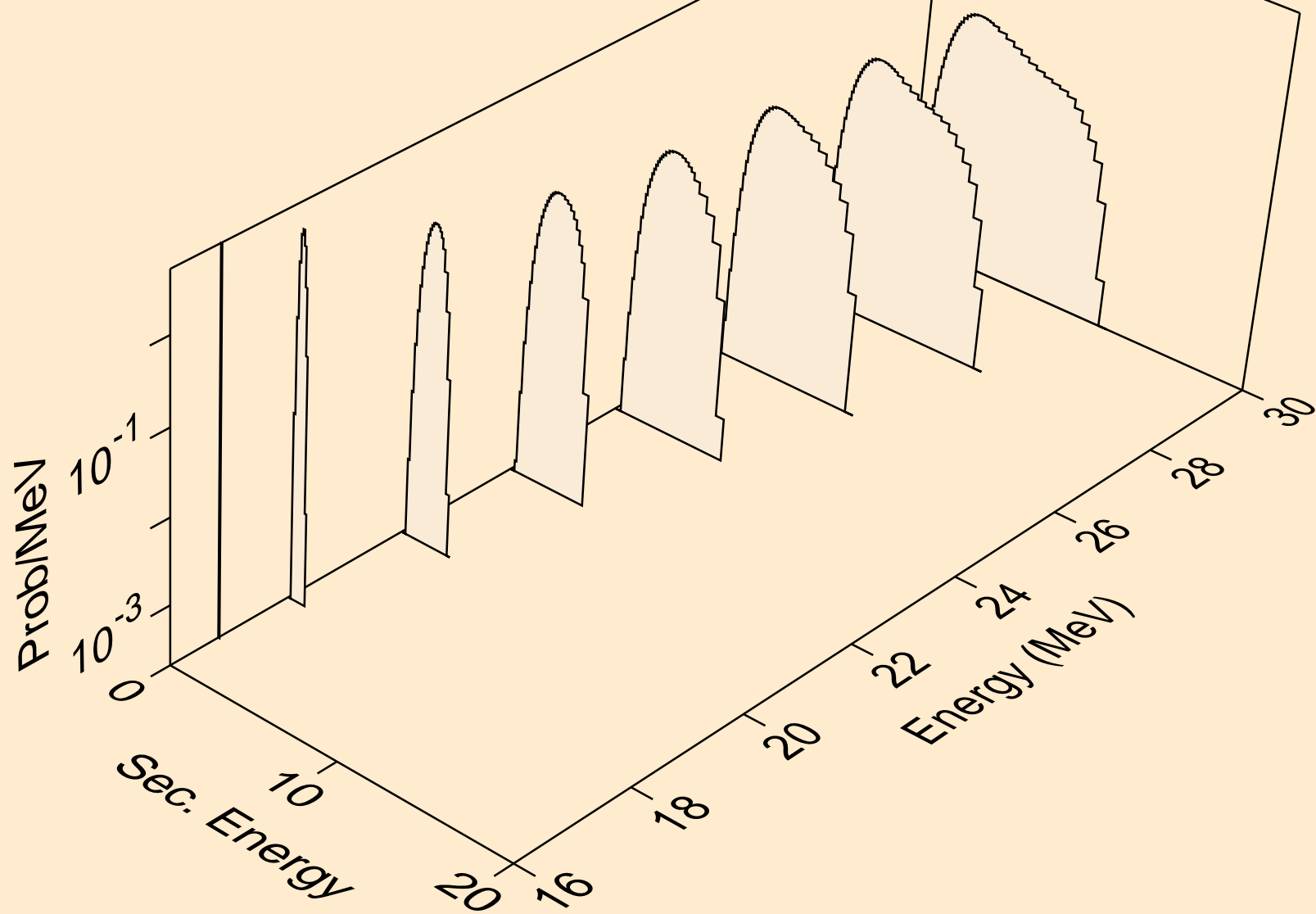


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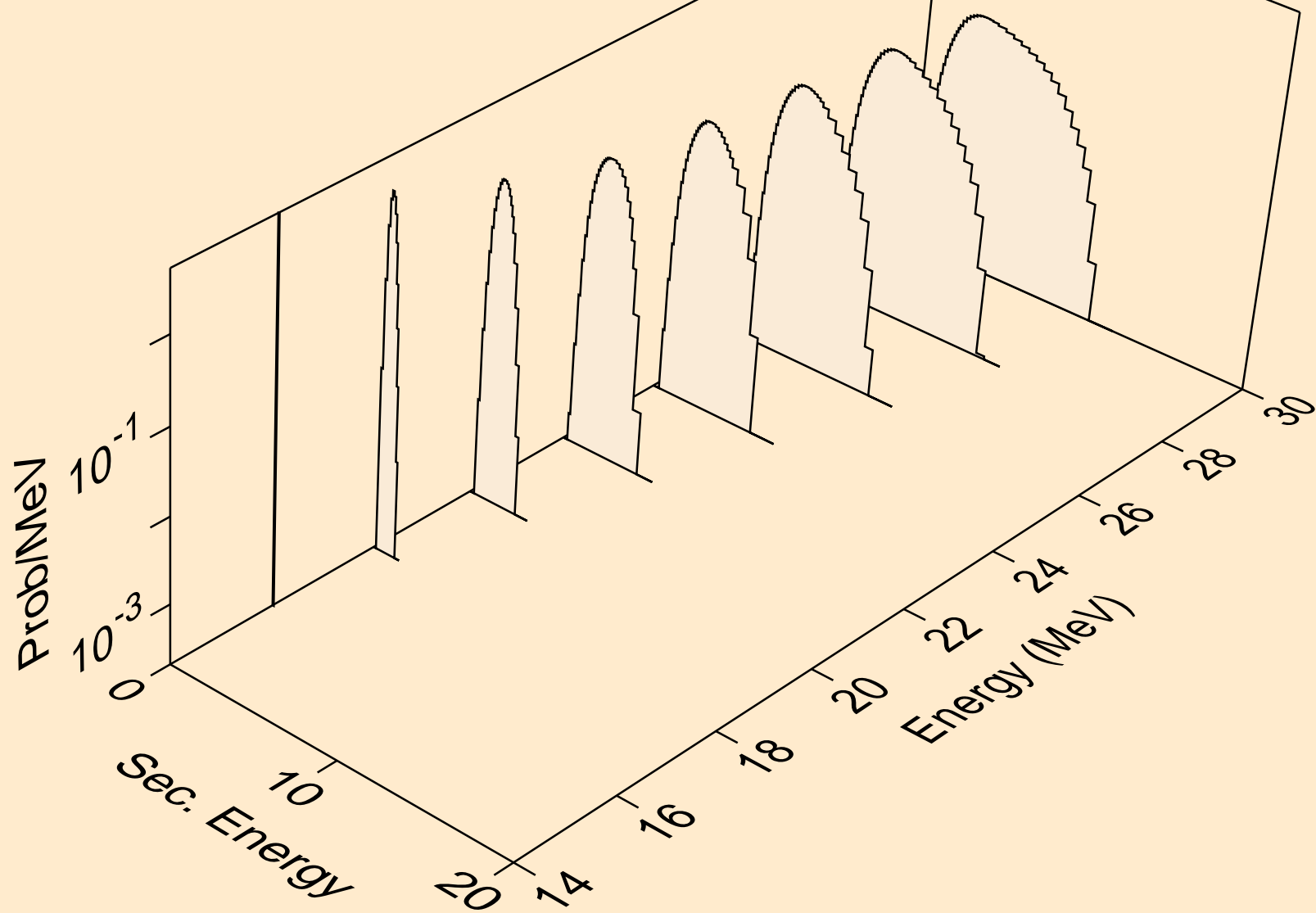




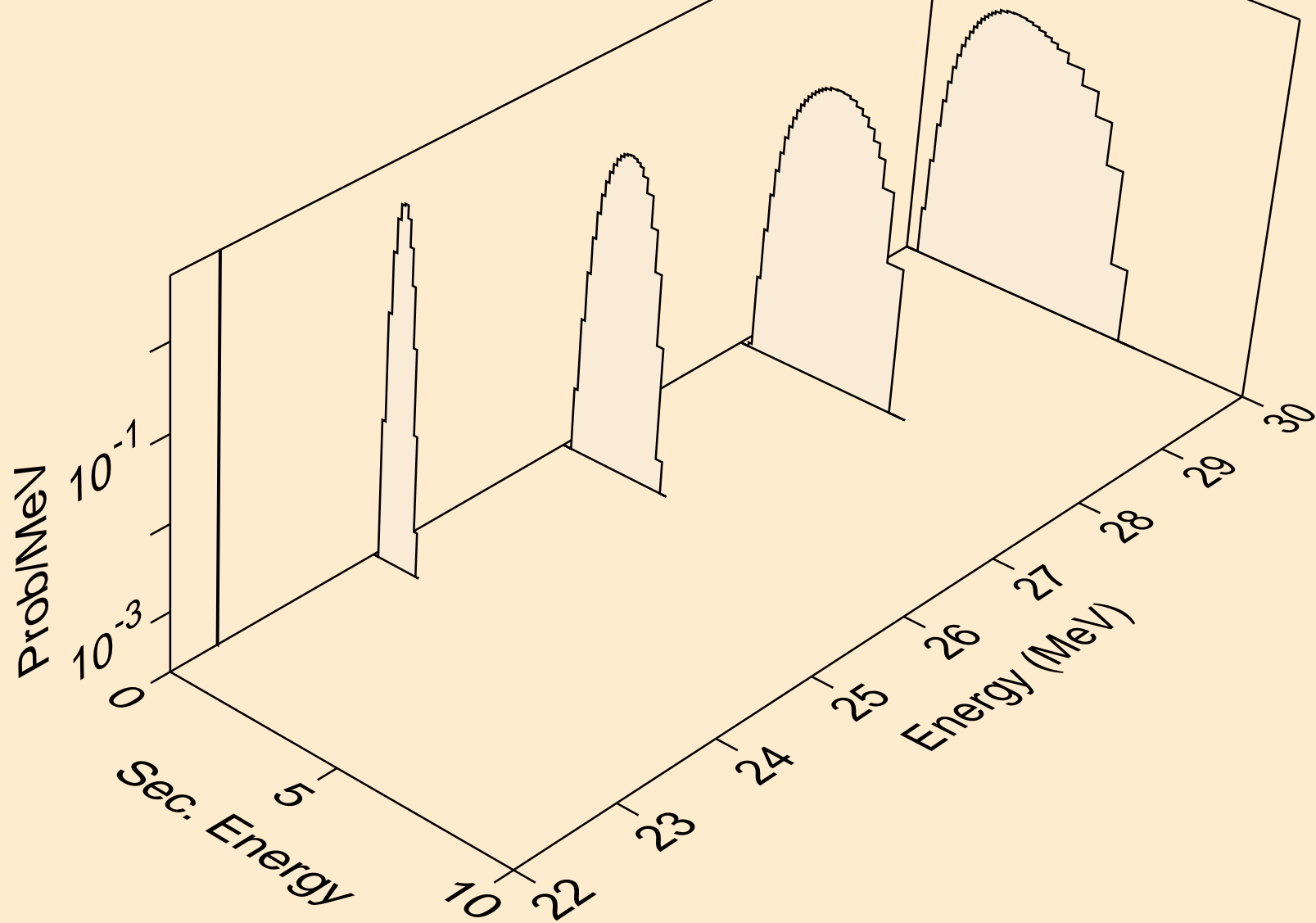
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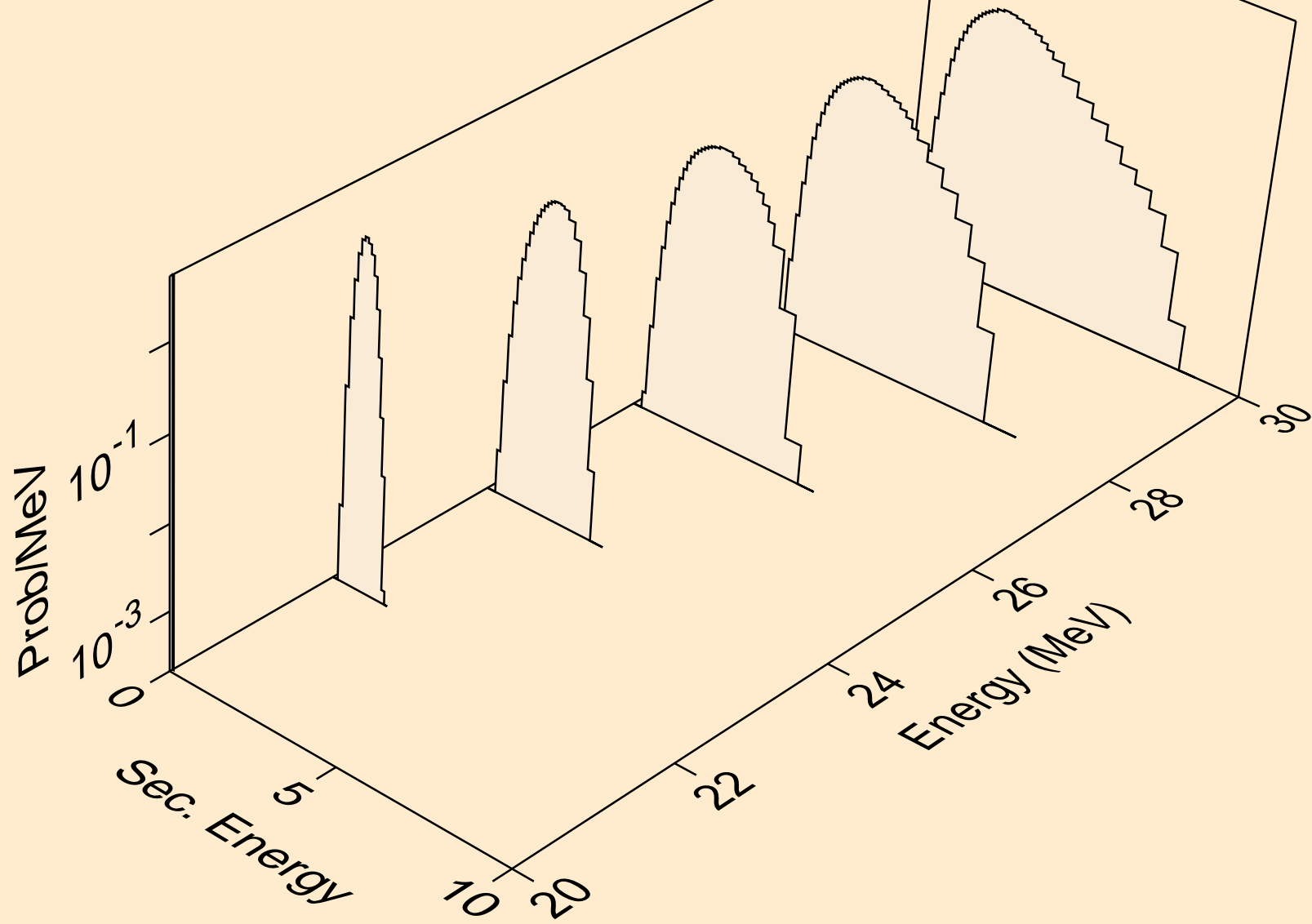
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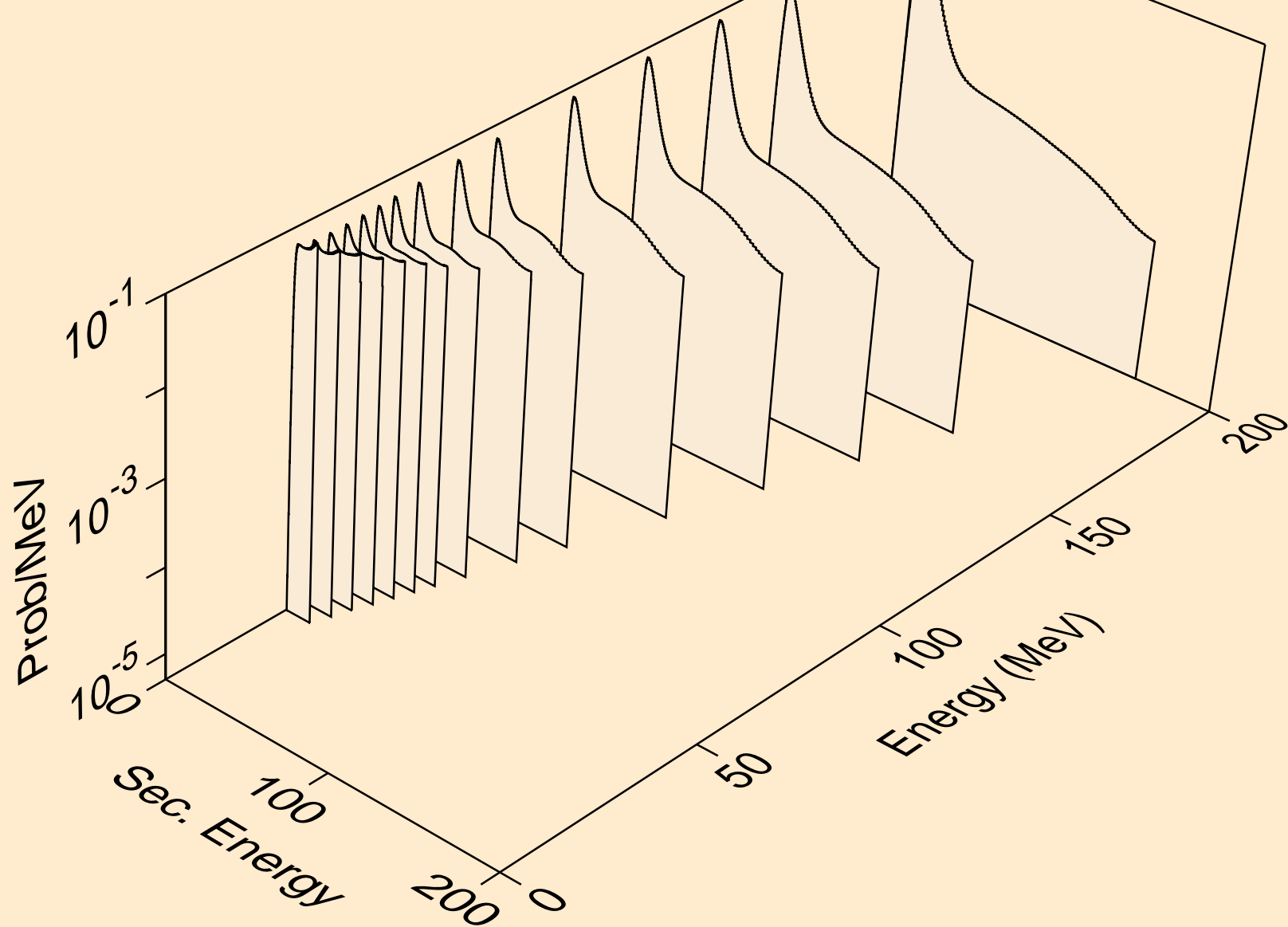
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protons from (n,pd)



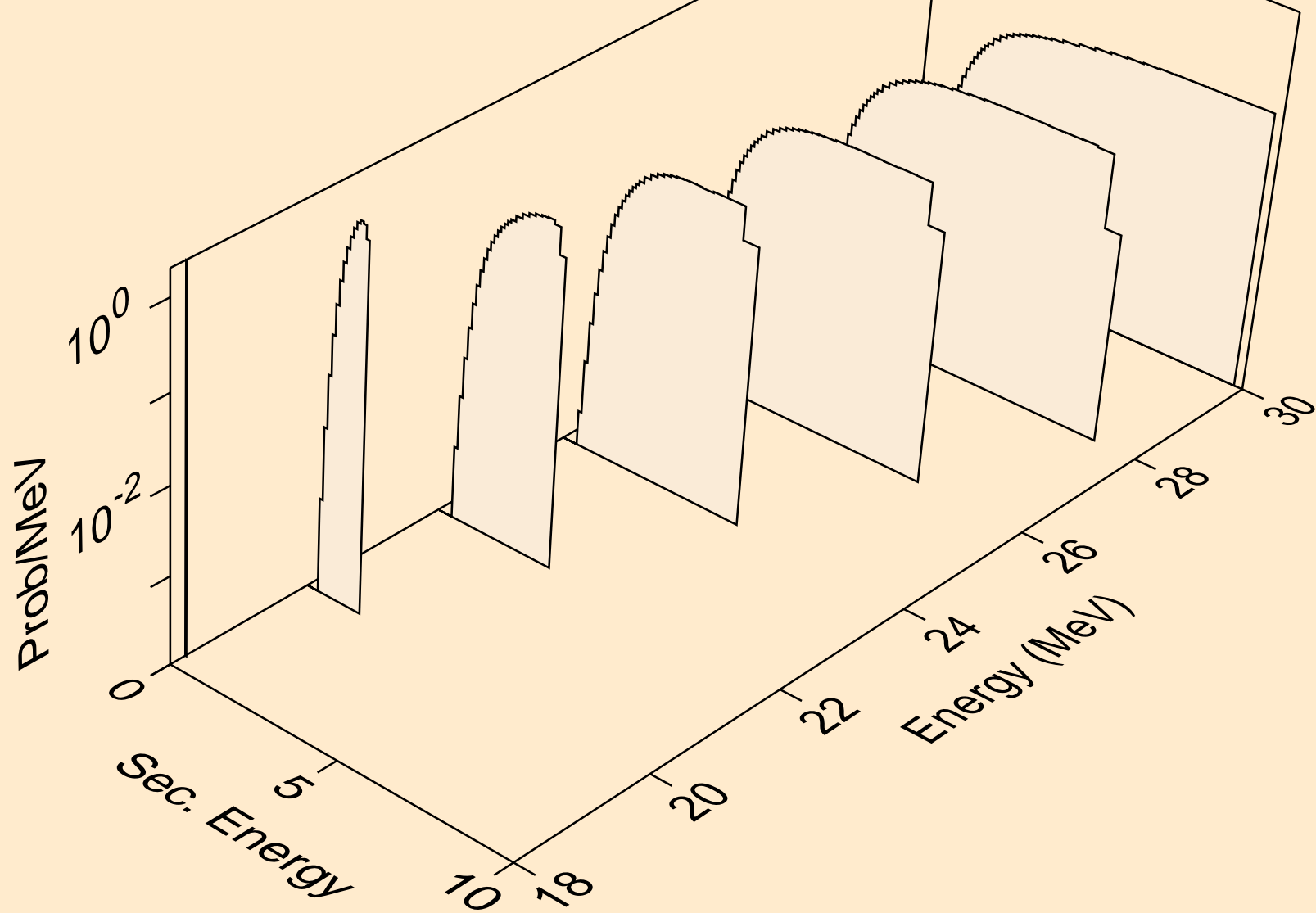
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protons from (n,pt)



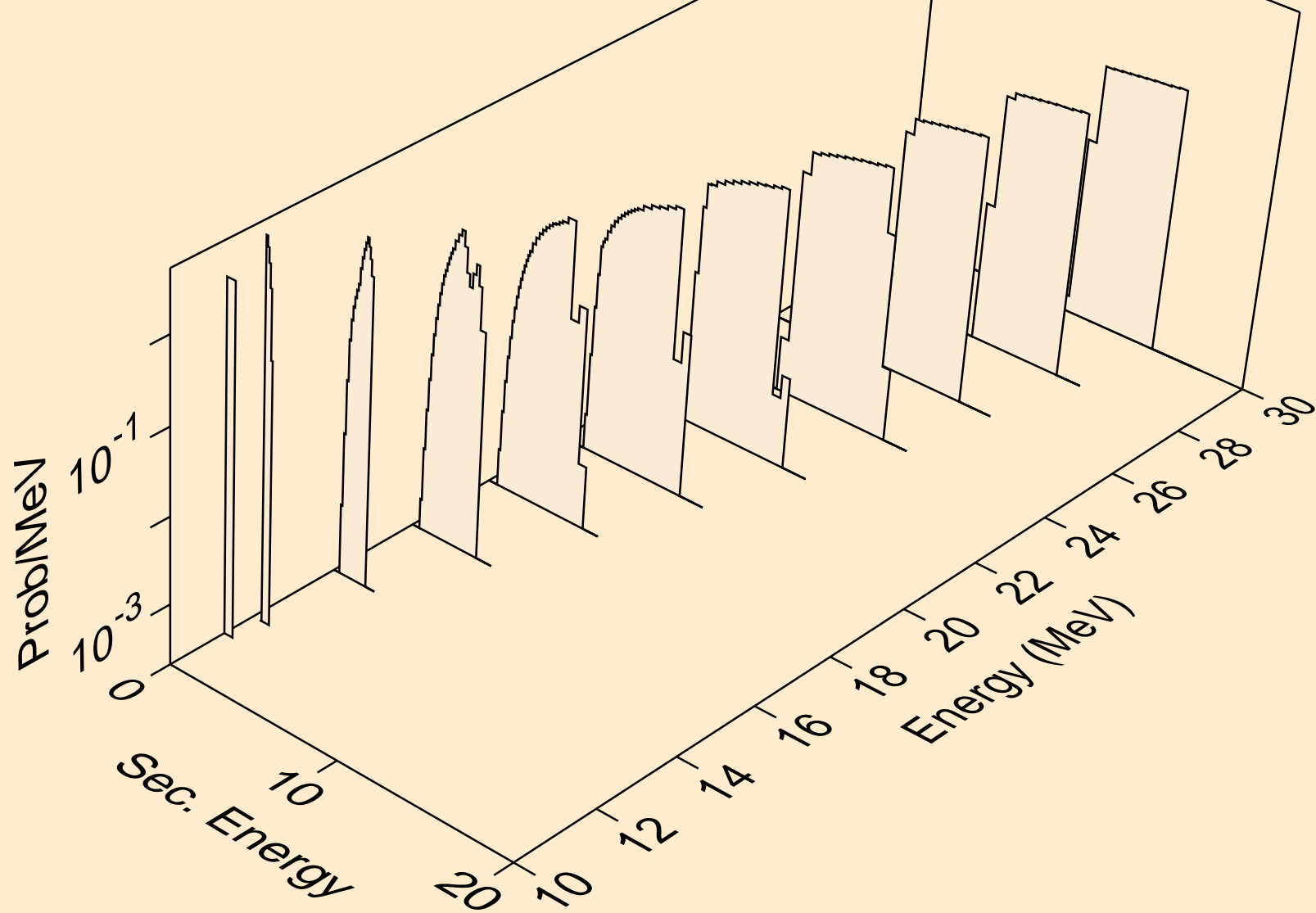
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deuterons from (n,x)



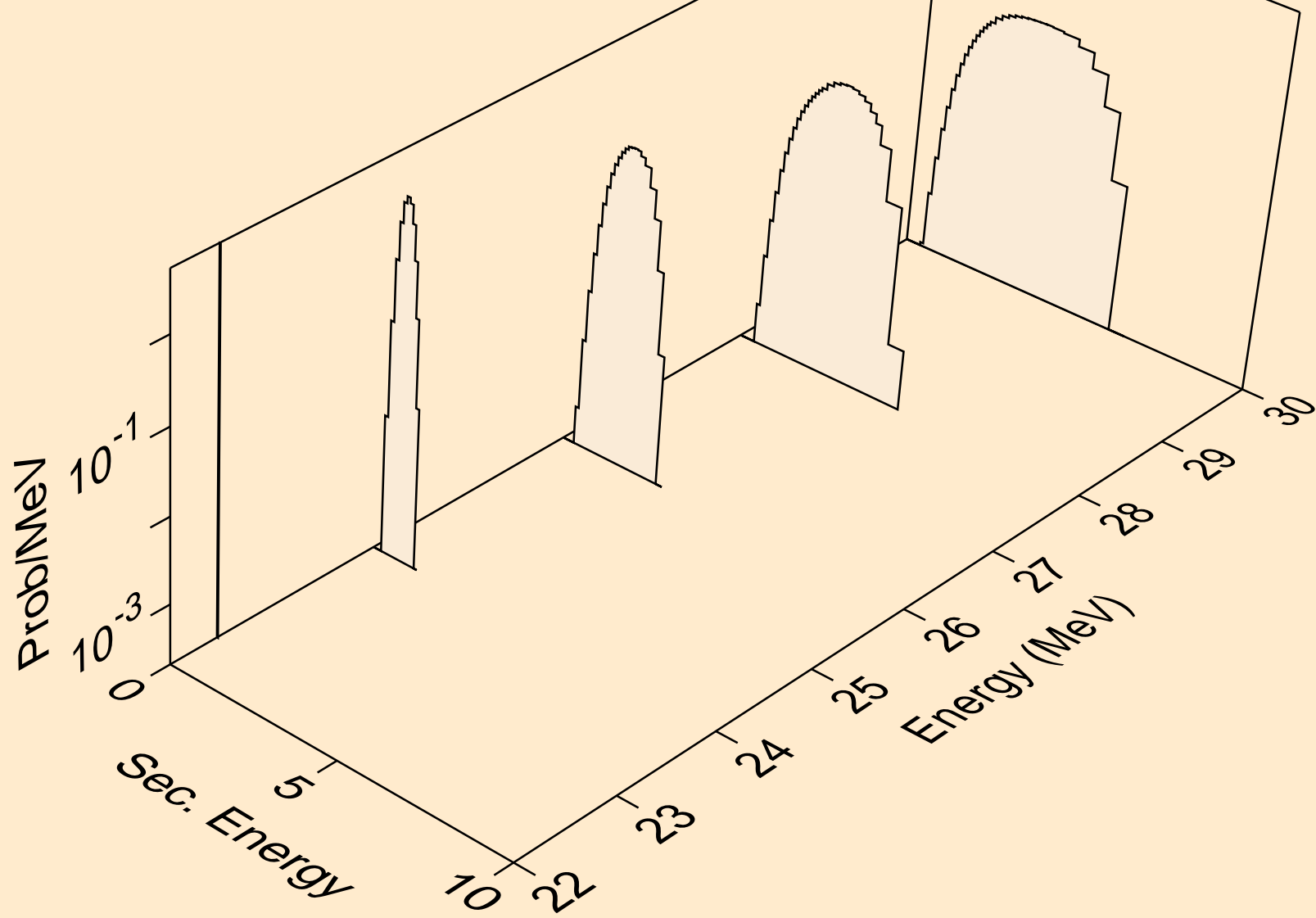
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deuterons from (n,n\*)d



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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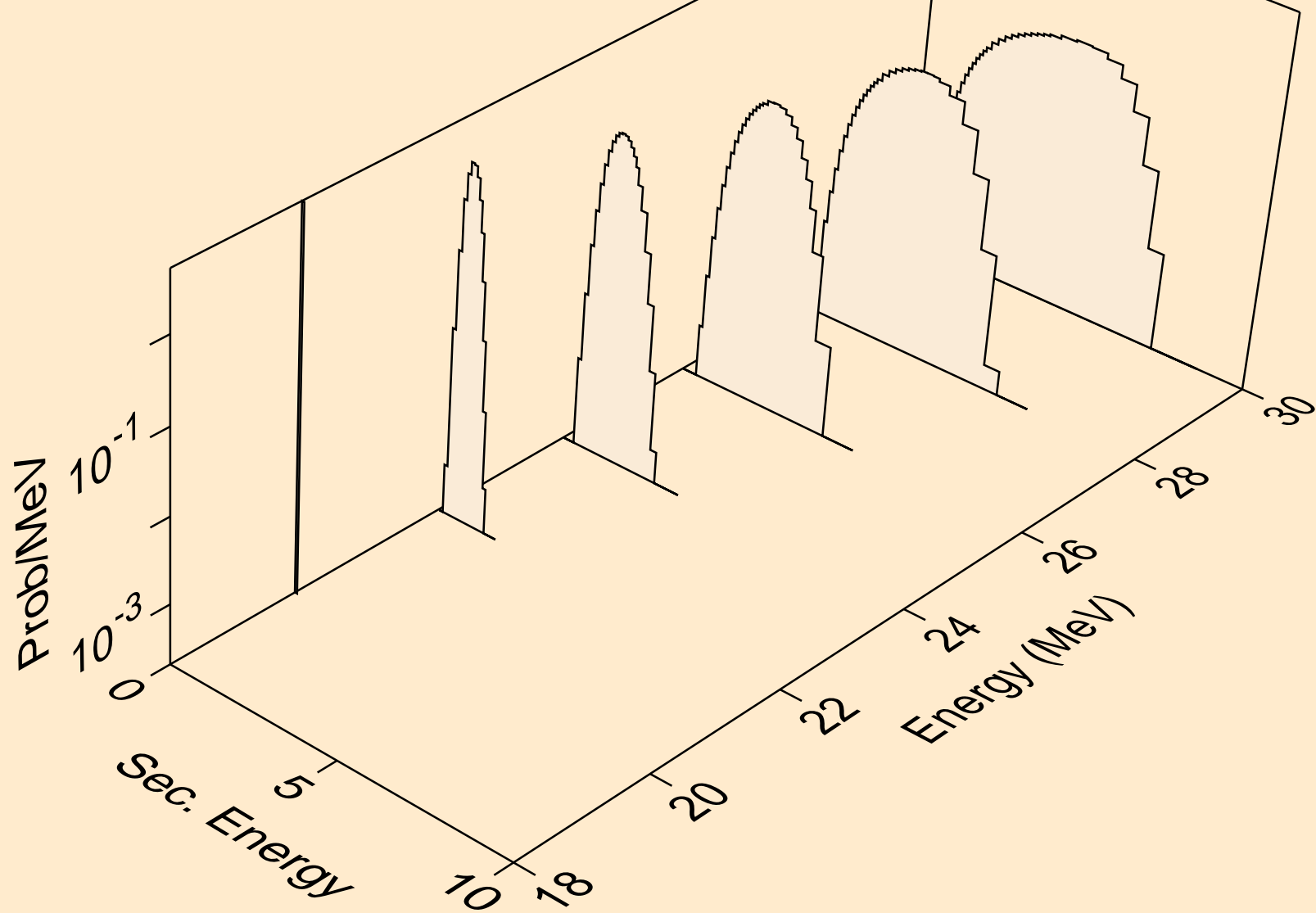


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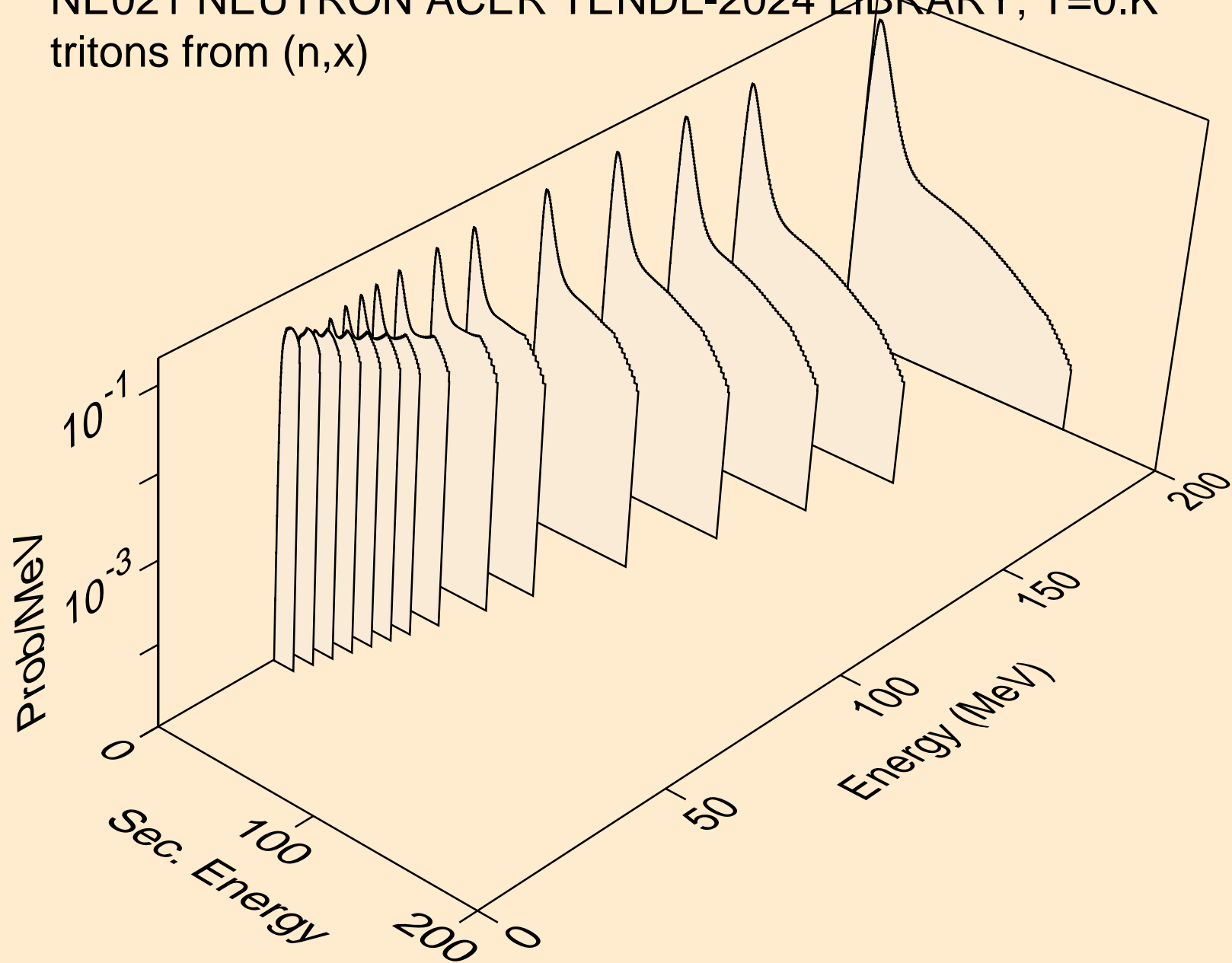




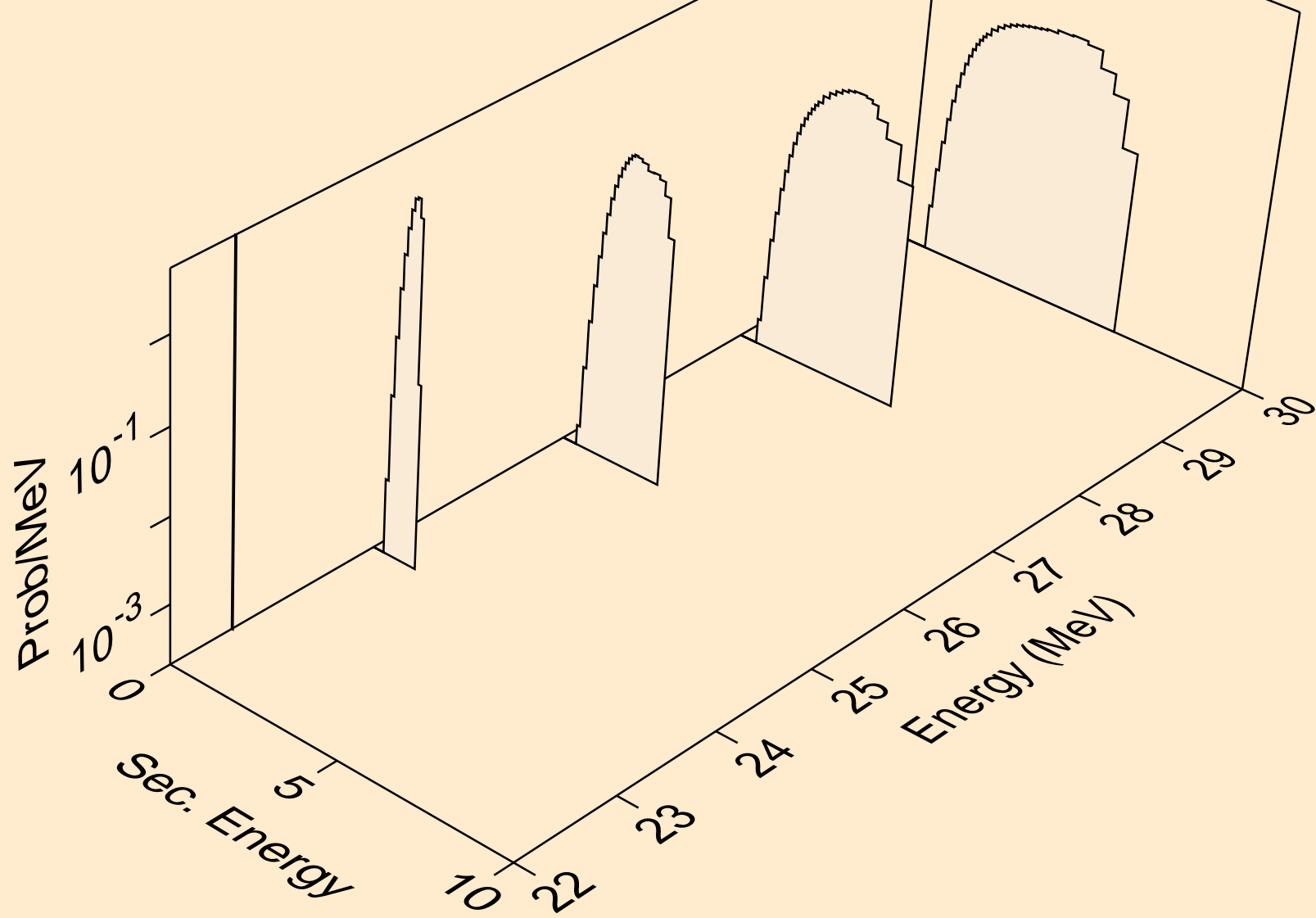
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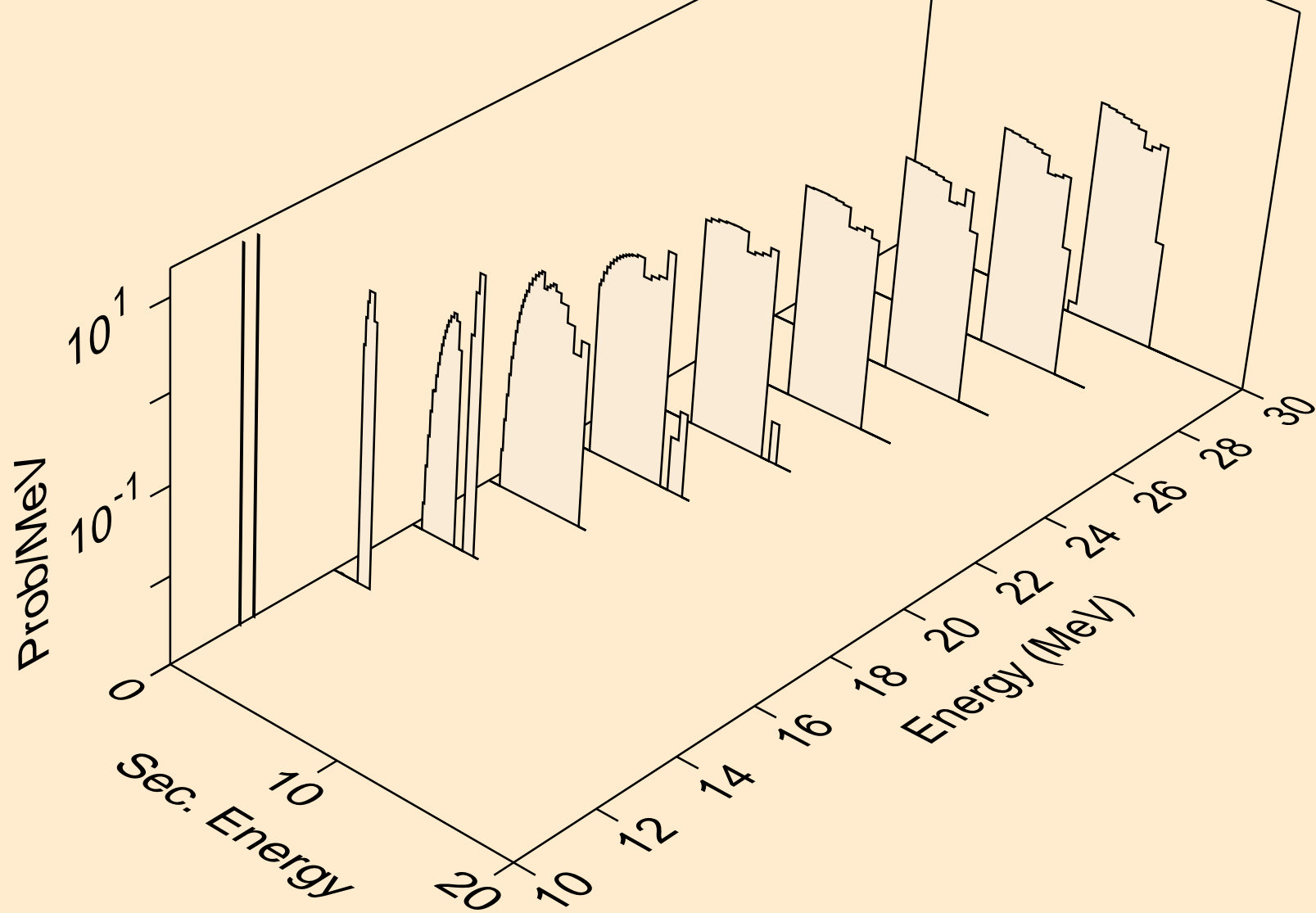
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tritons from (n,x)



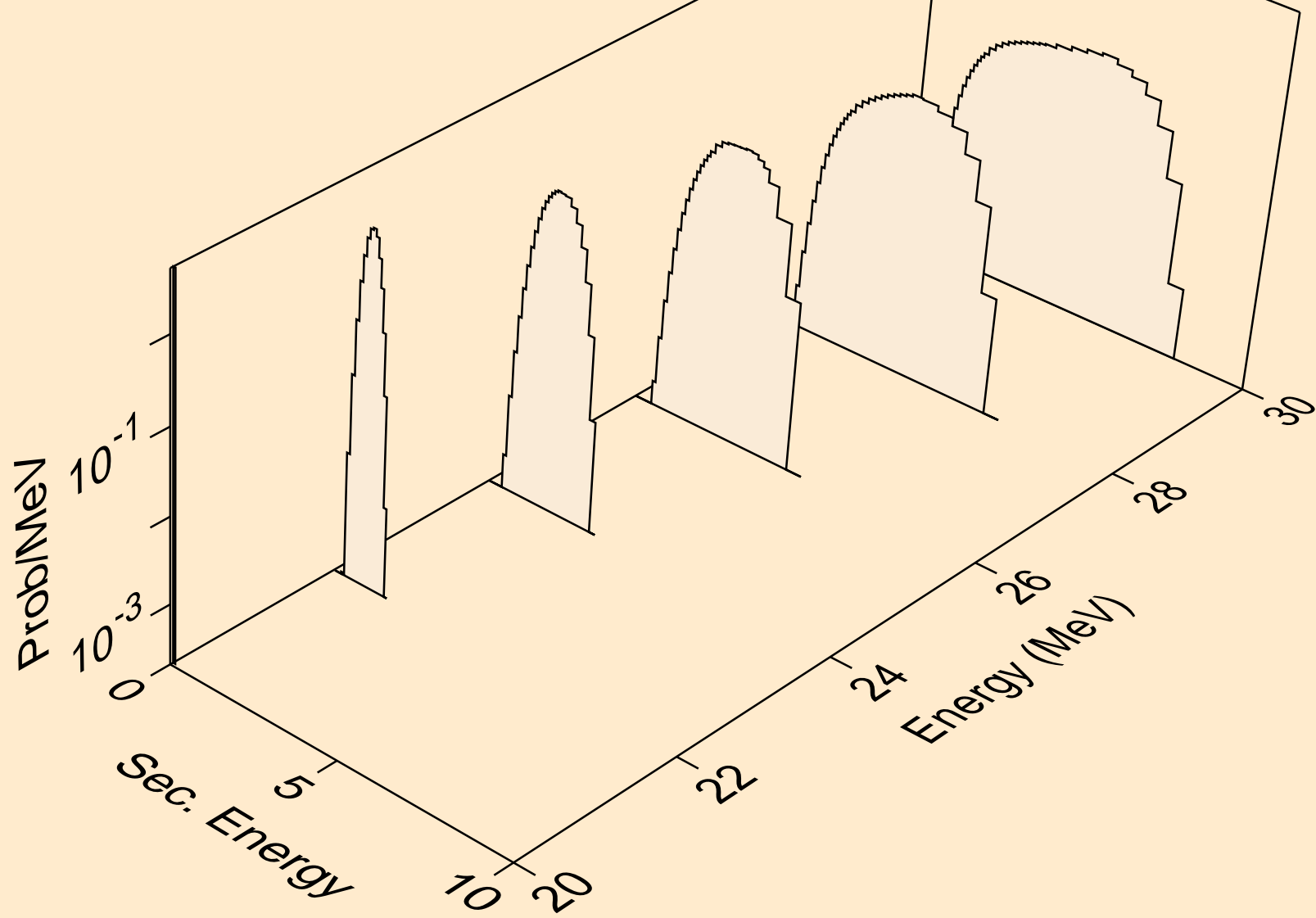
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tritons from (n,n\*)t



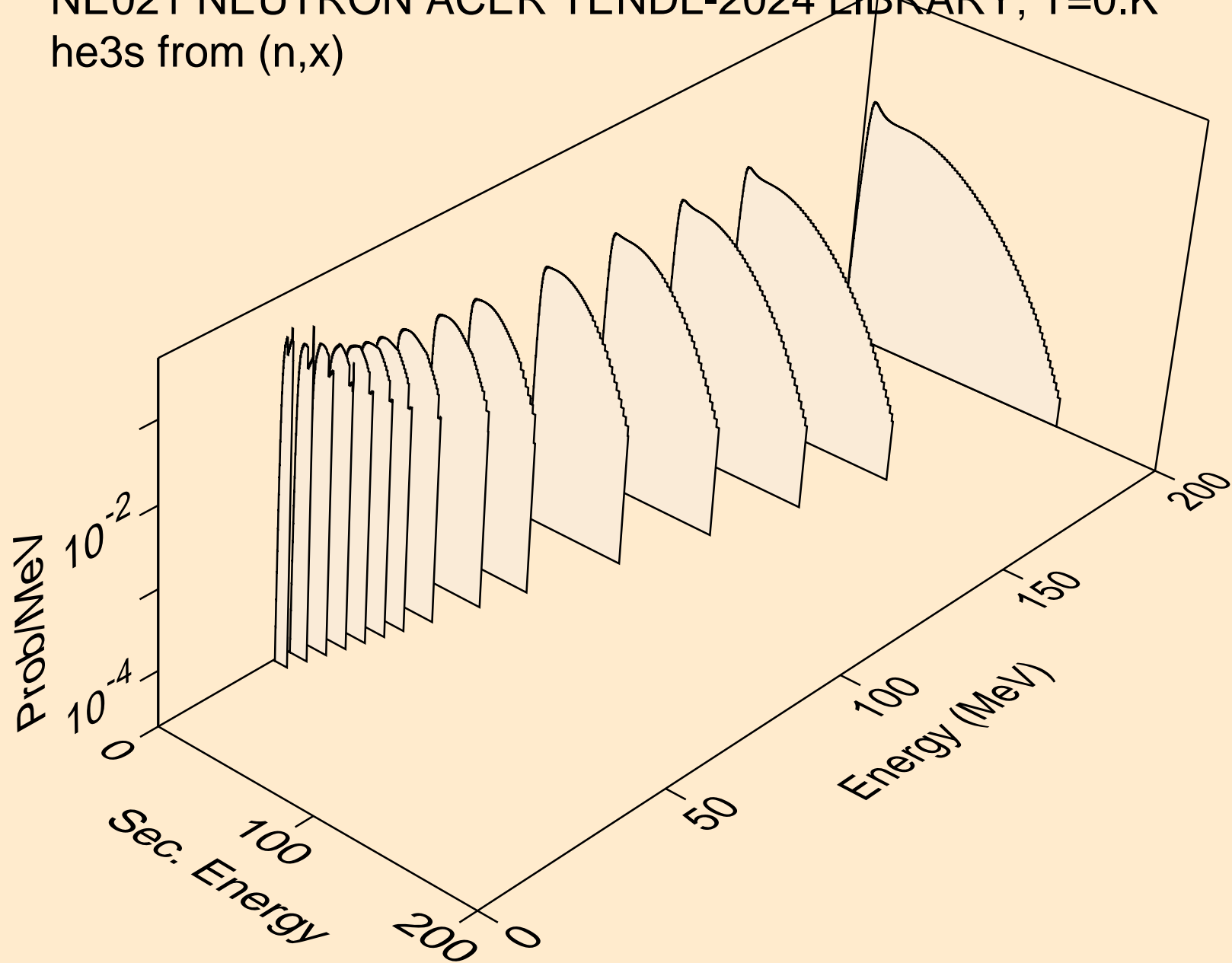
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tritons from (n,t)



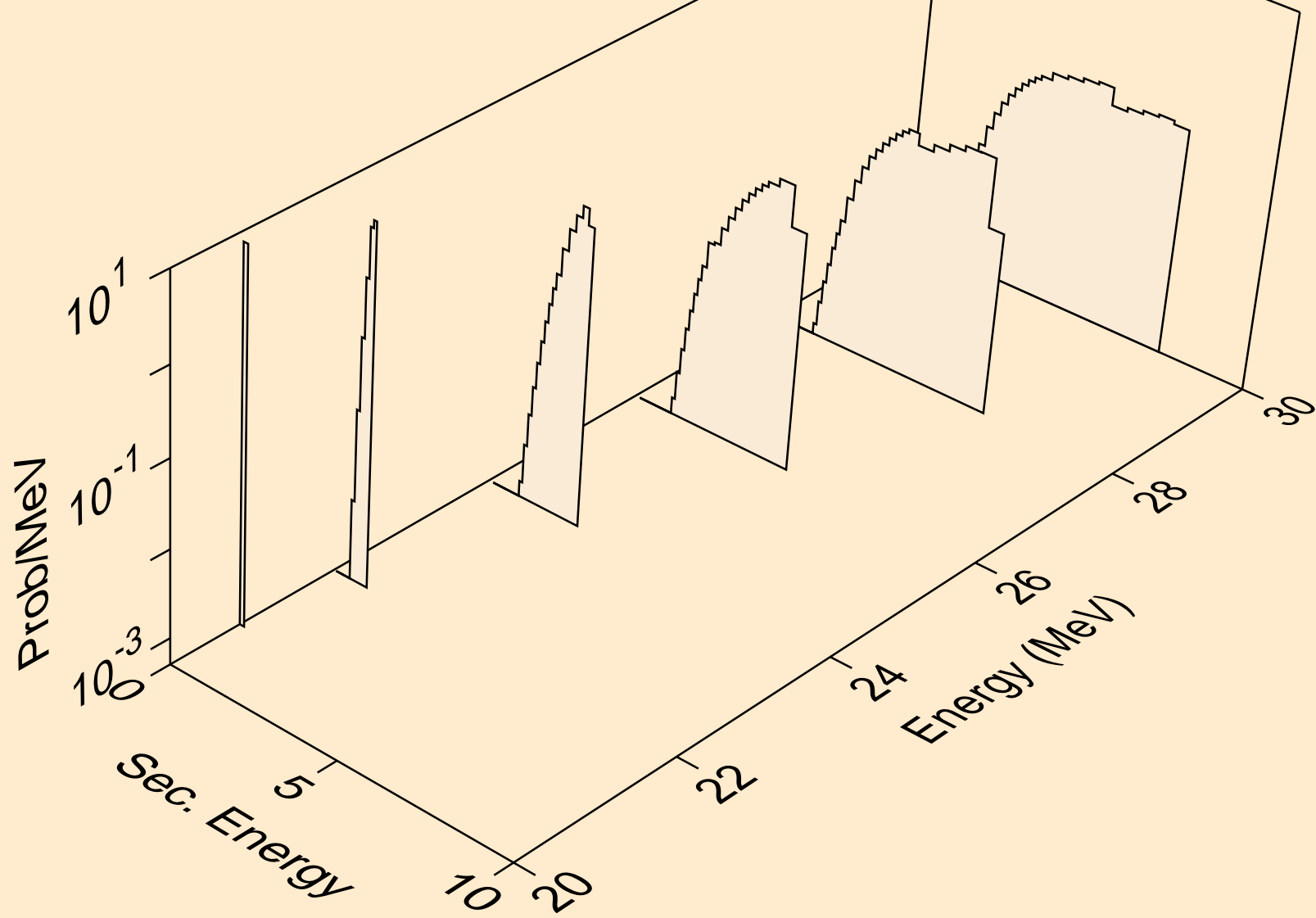
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tritons from (n,pt)



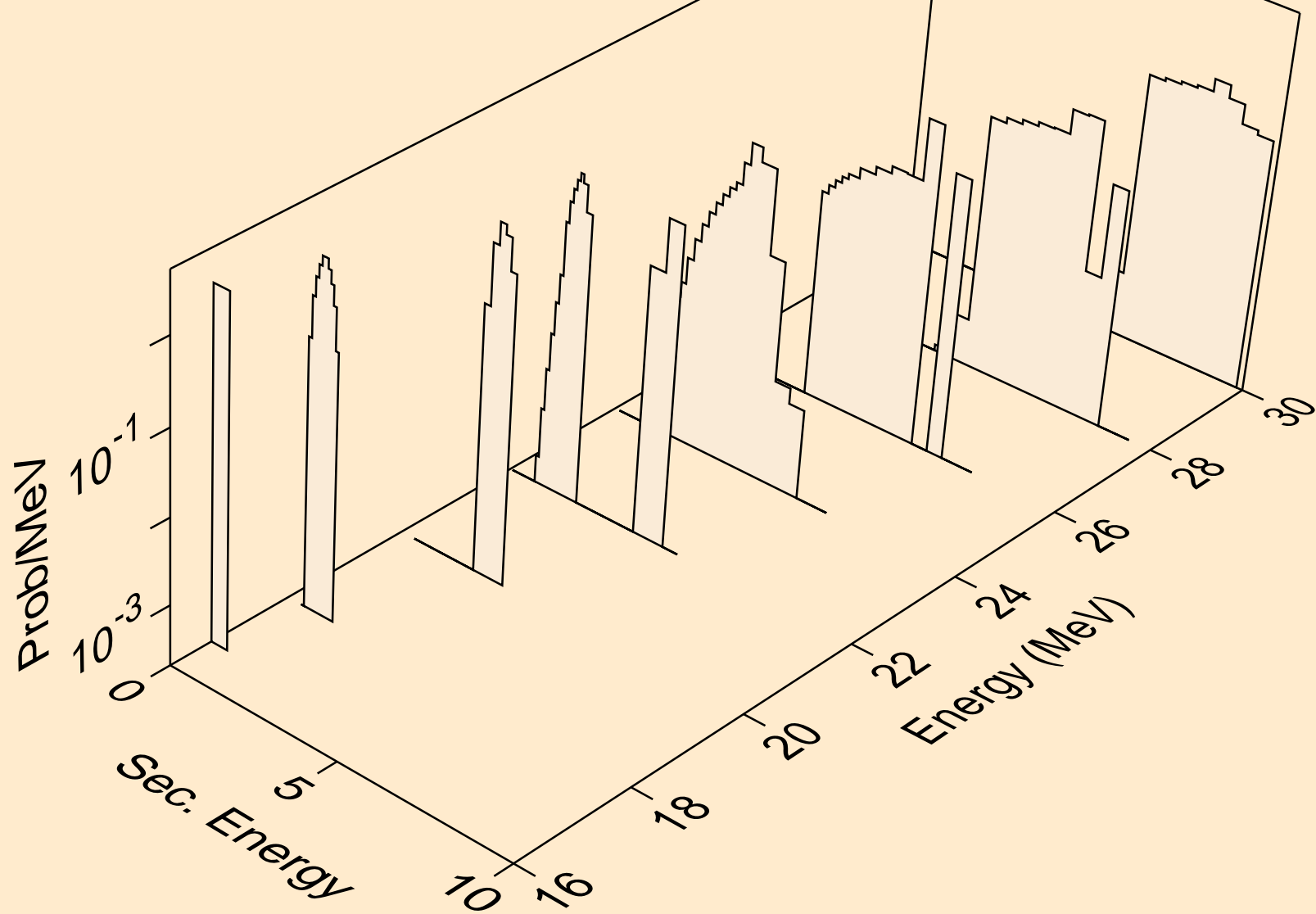
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

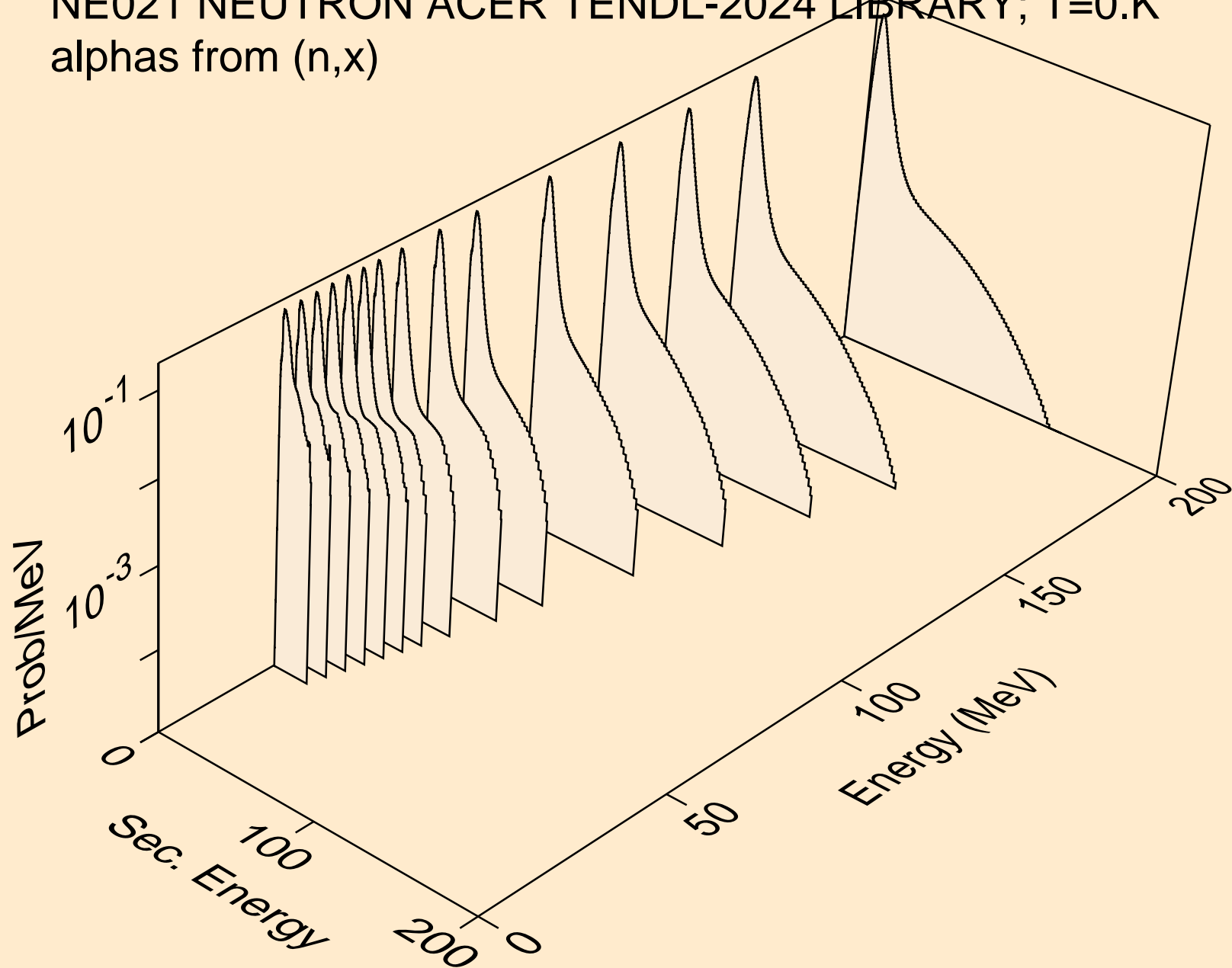


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he3s from (n,he3)

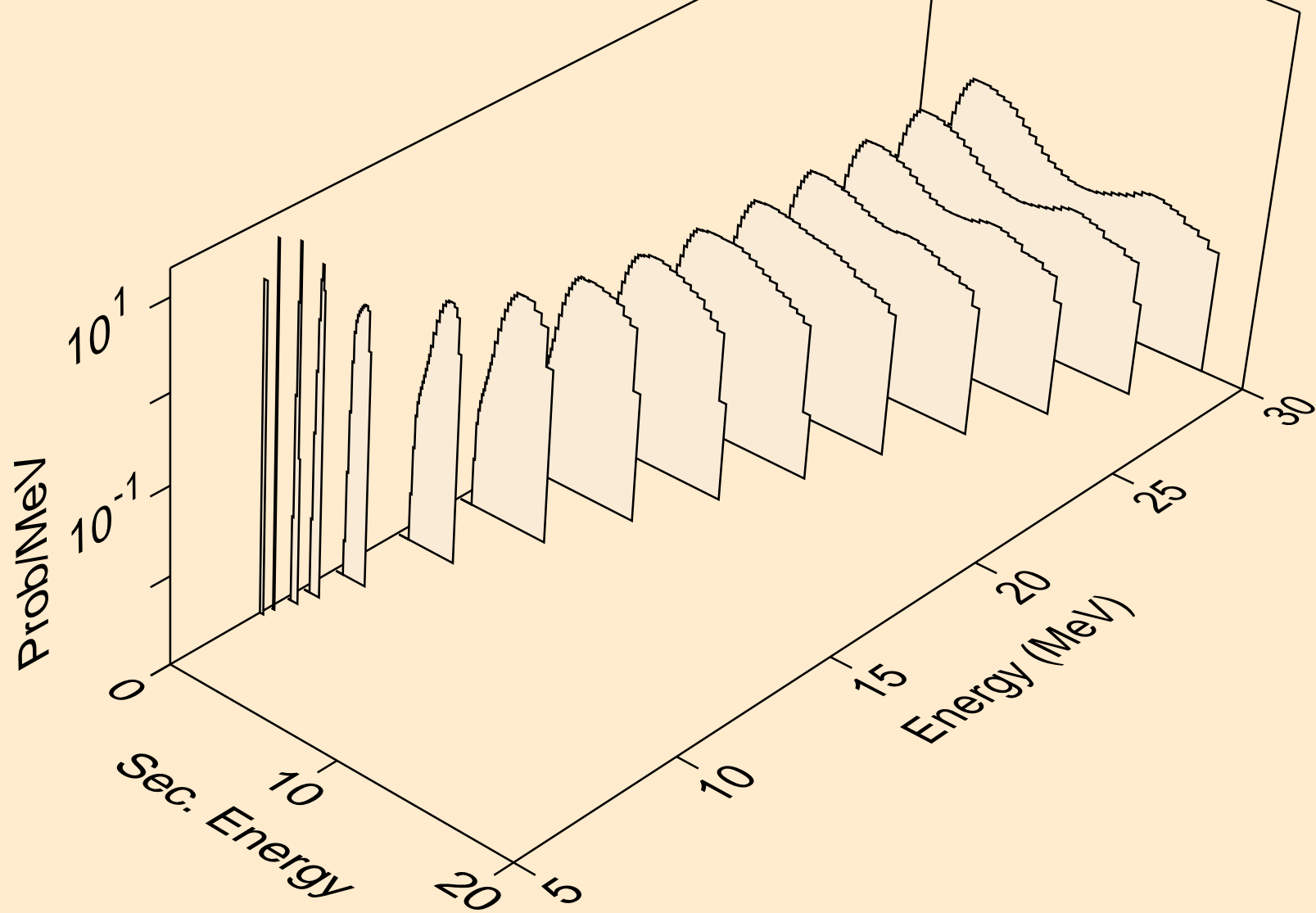




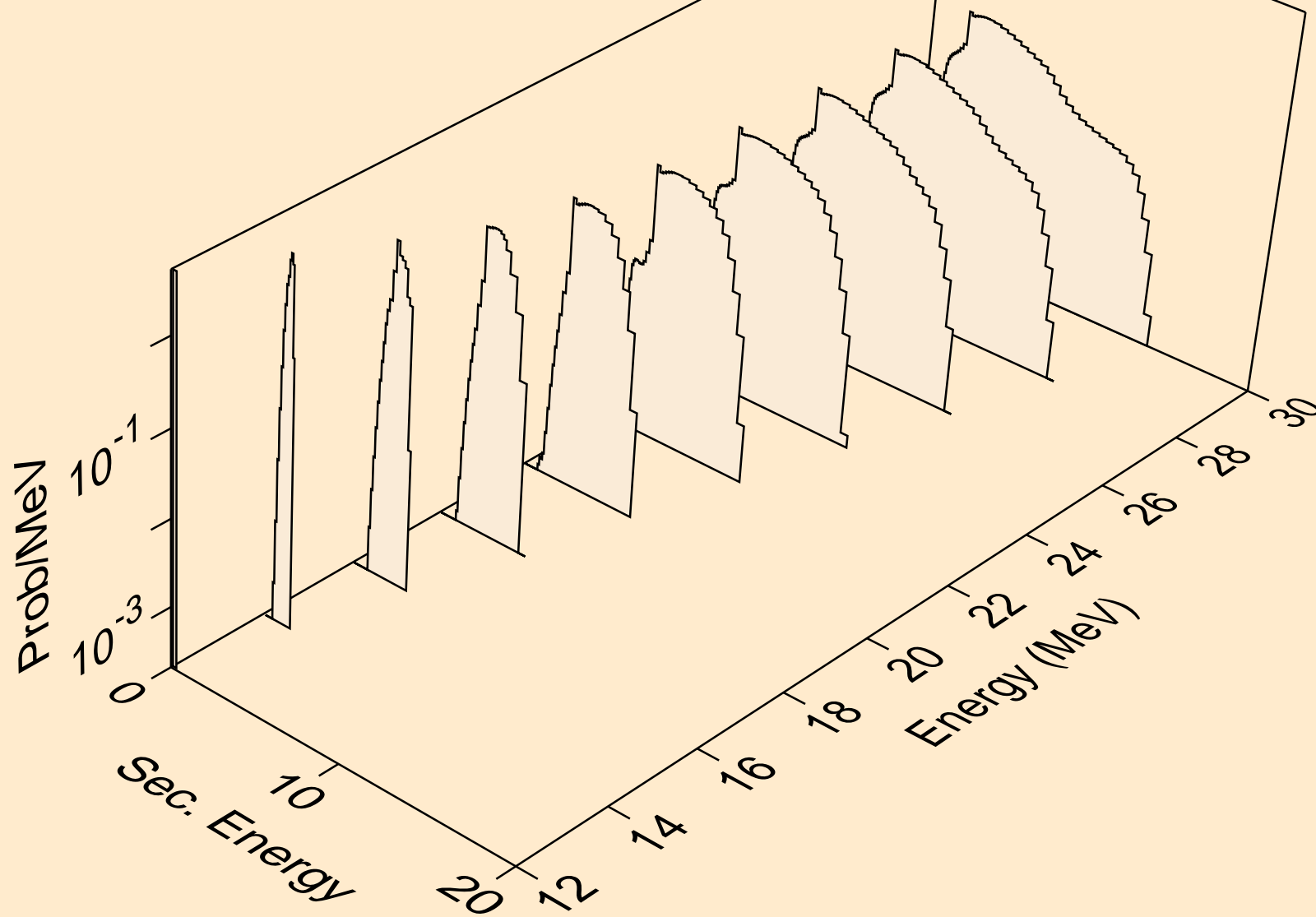
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alphas from (n,x)



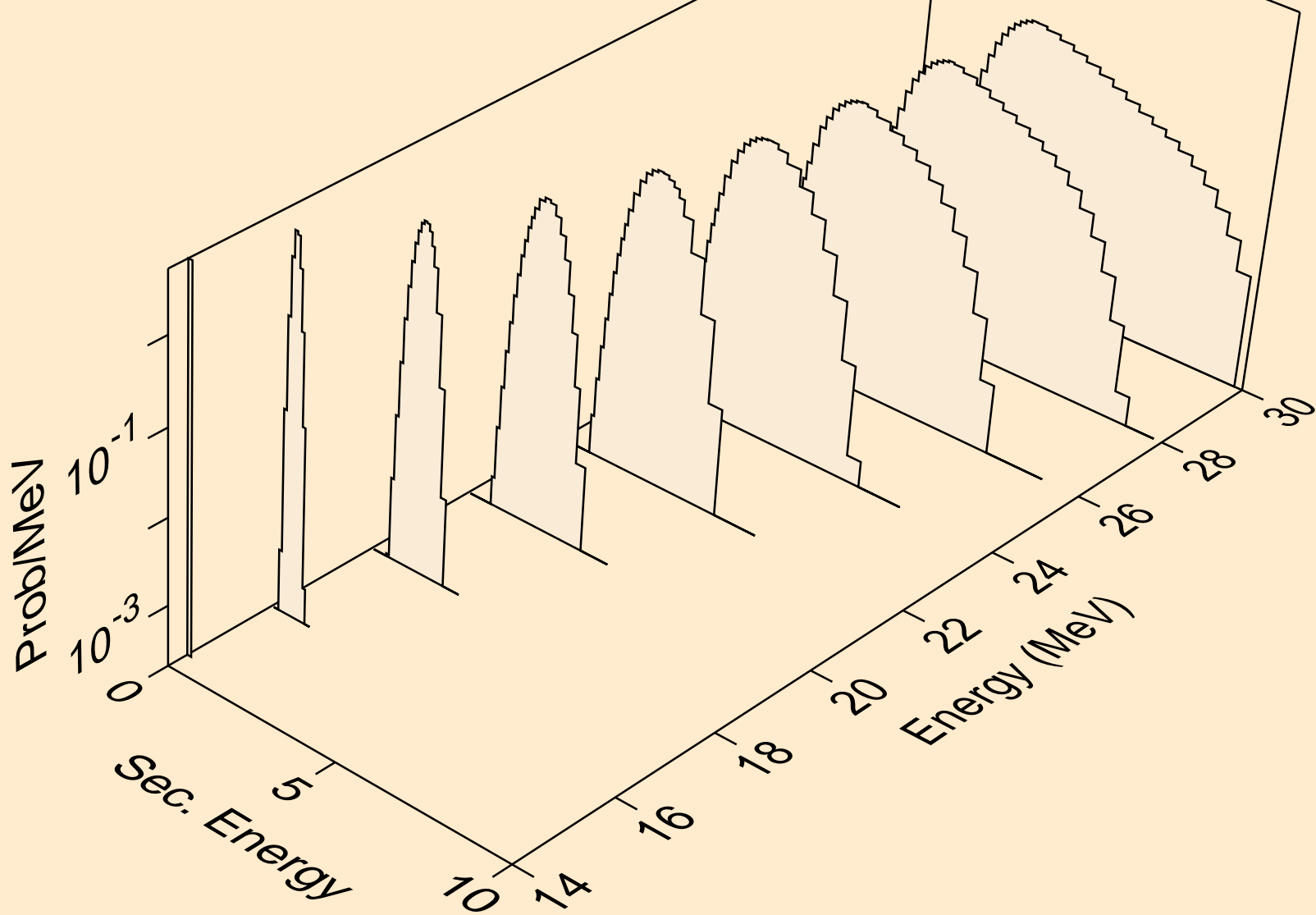
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alphas from (n,n\*)a



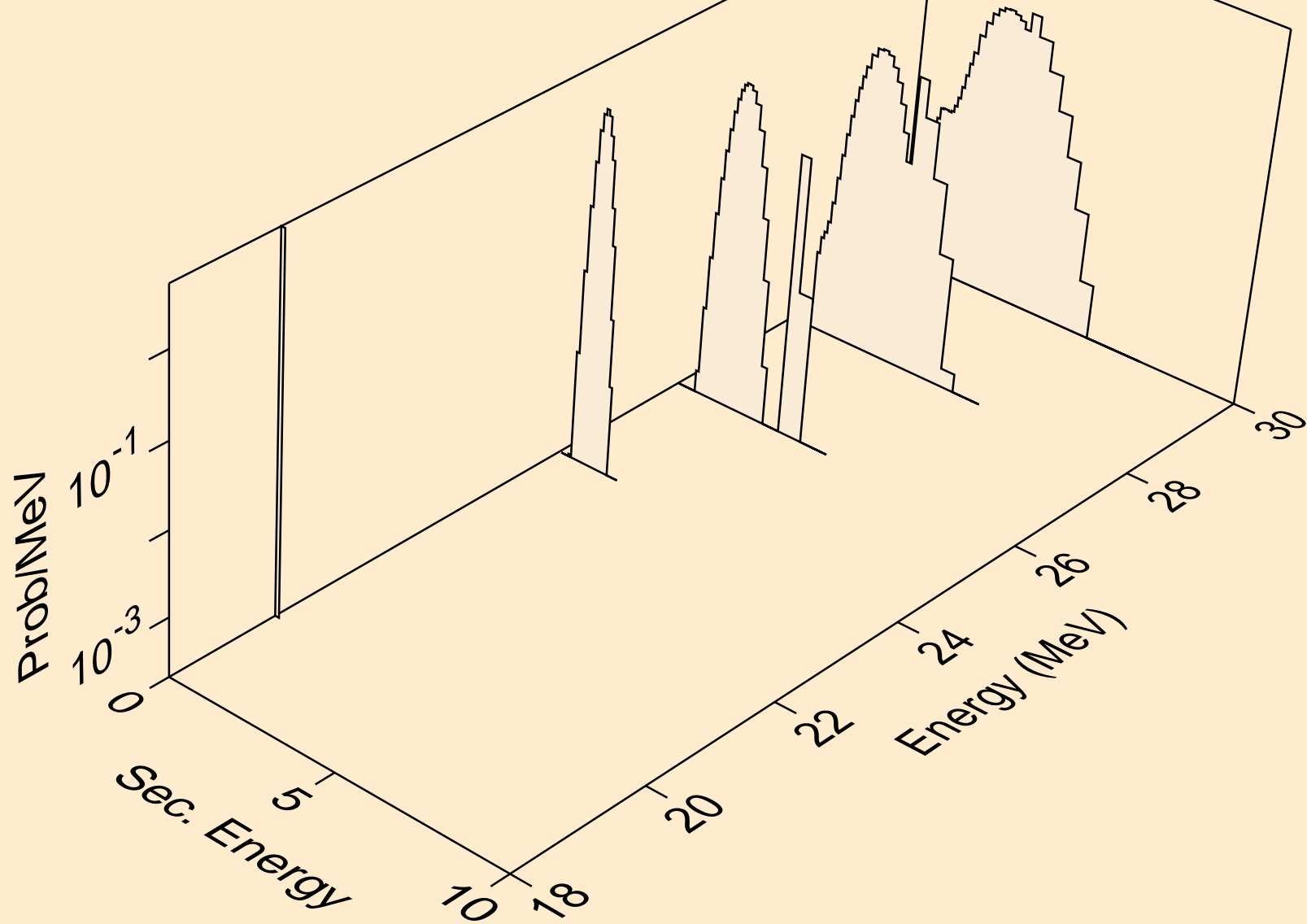
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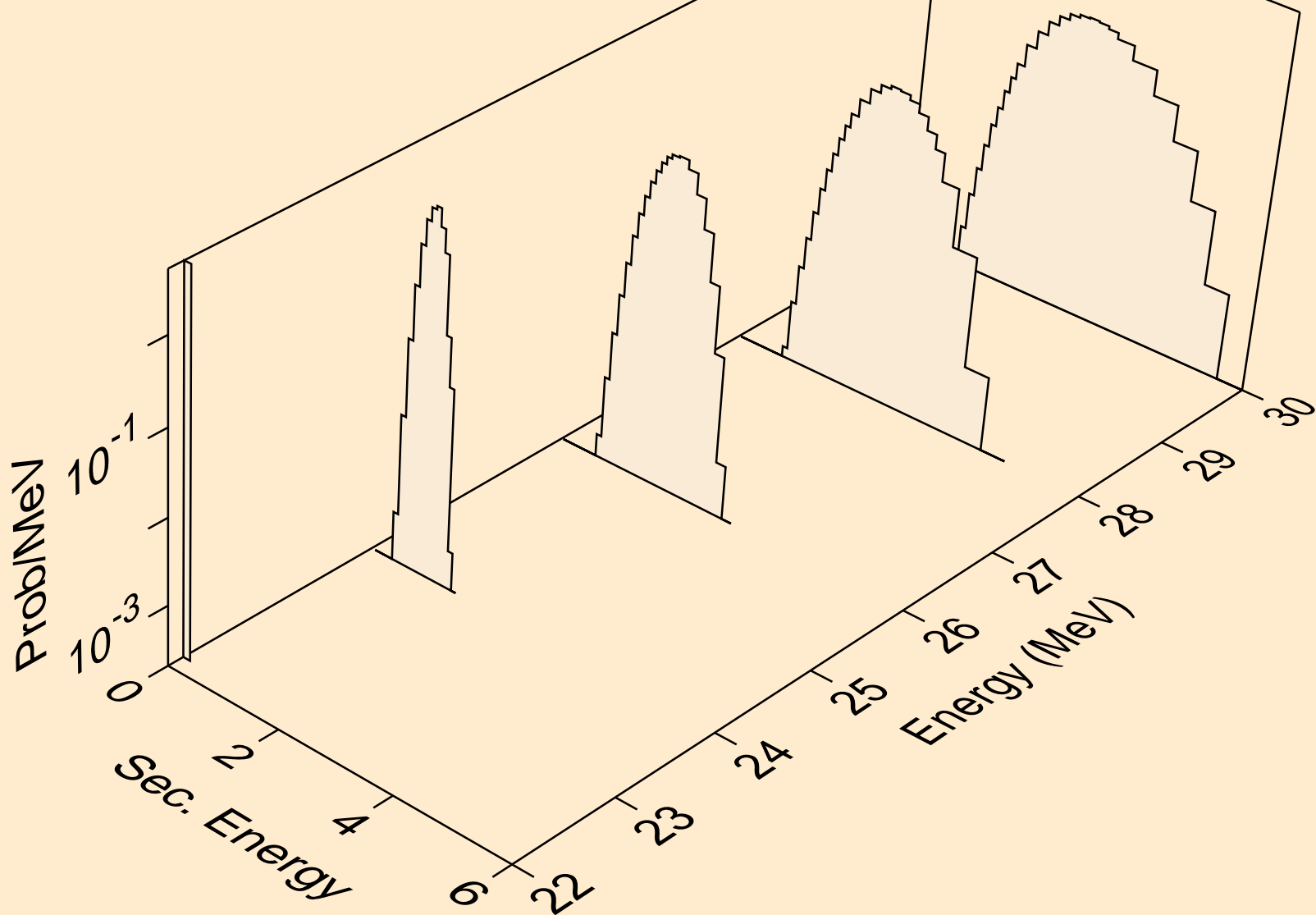
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alphas from (n,n\*)2a



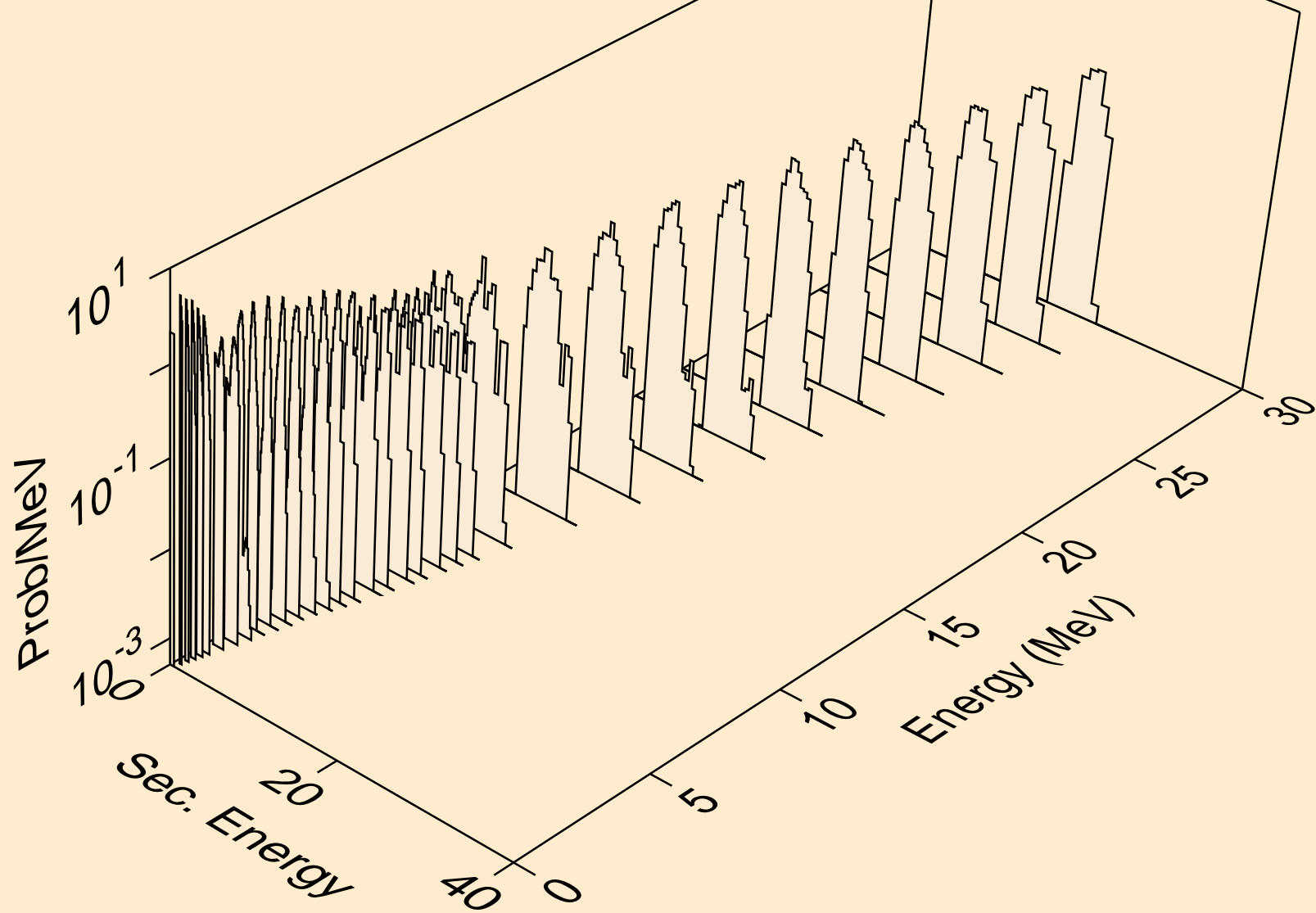
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alphas from (n,2n)2a



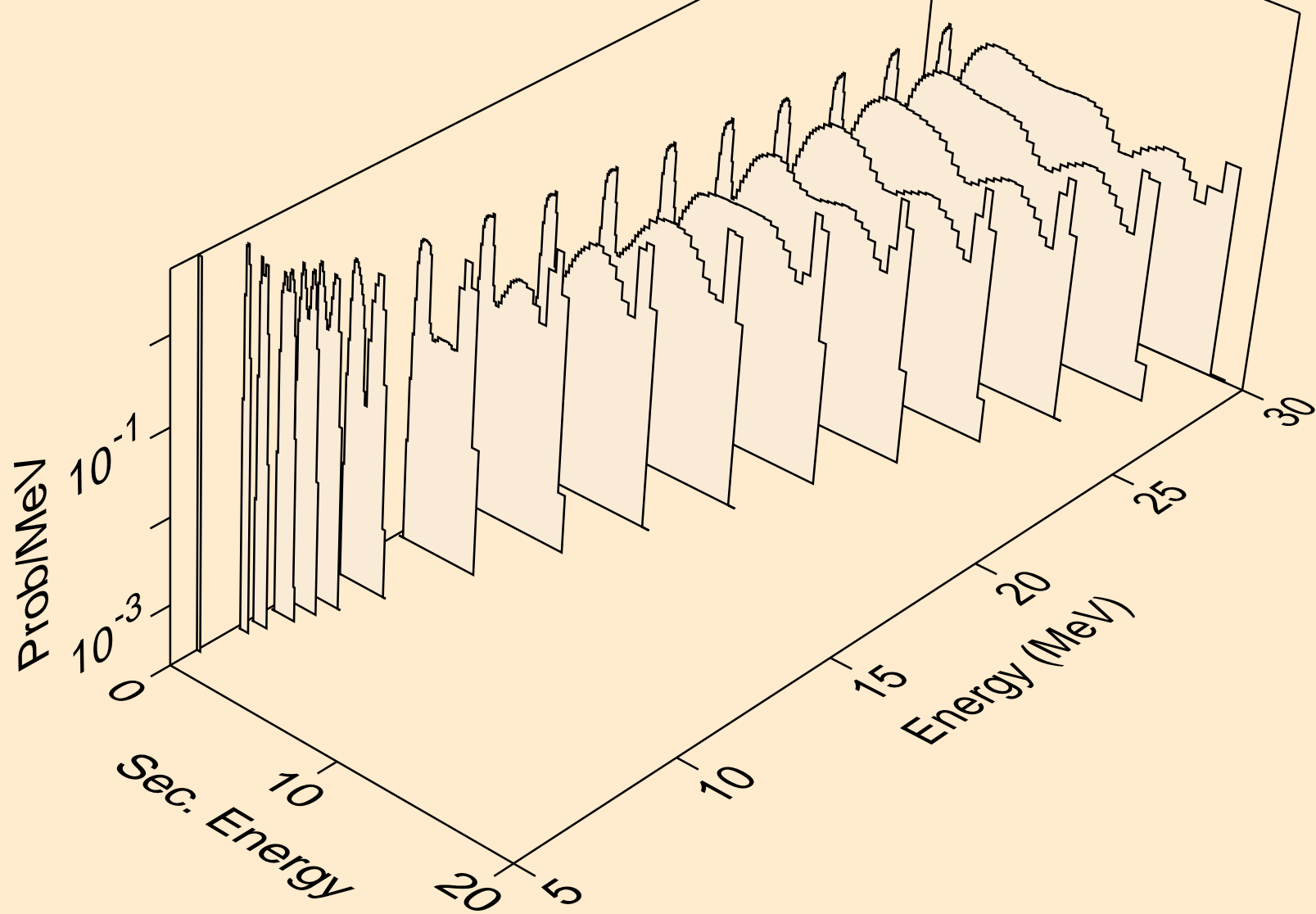
NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

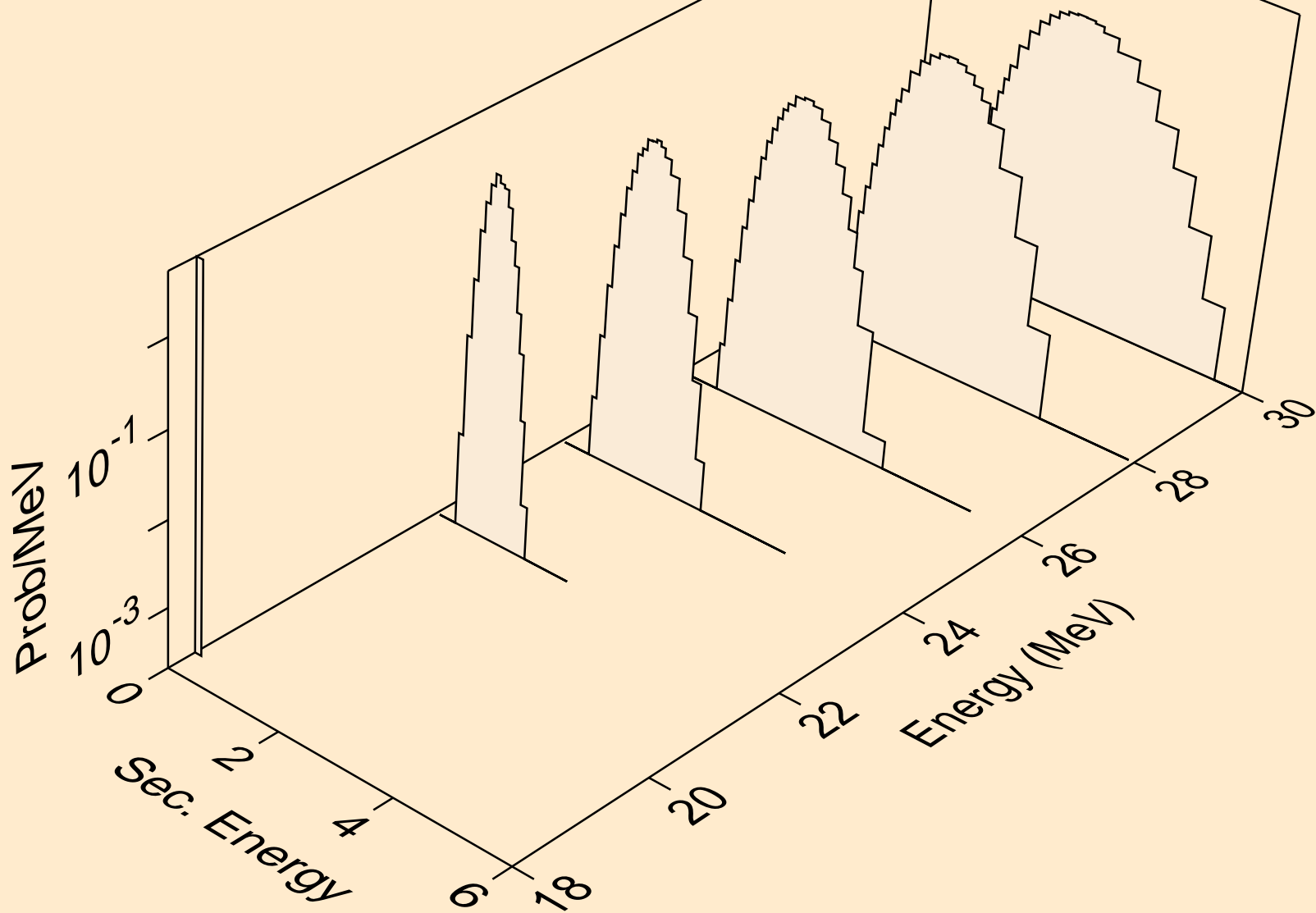


NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

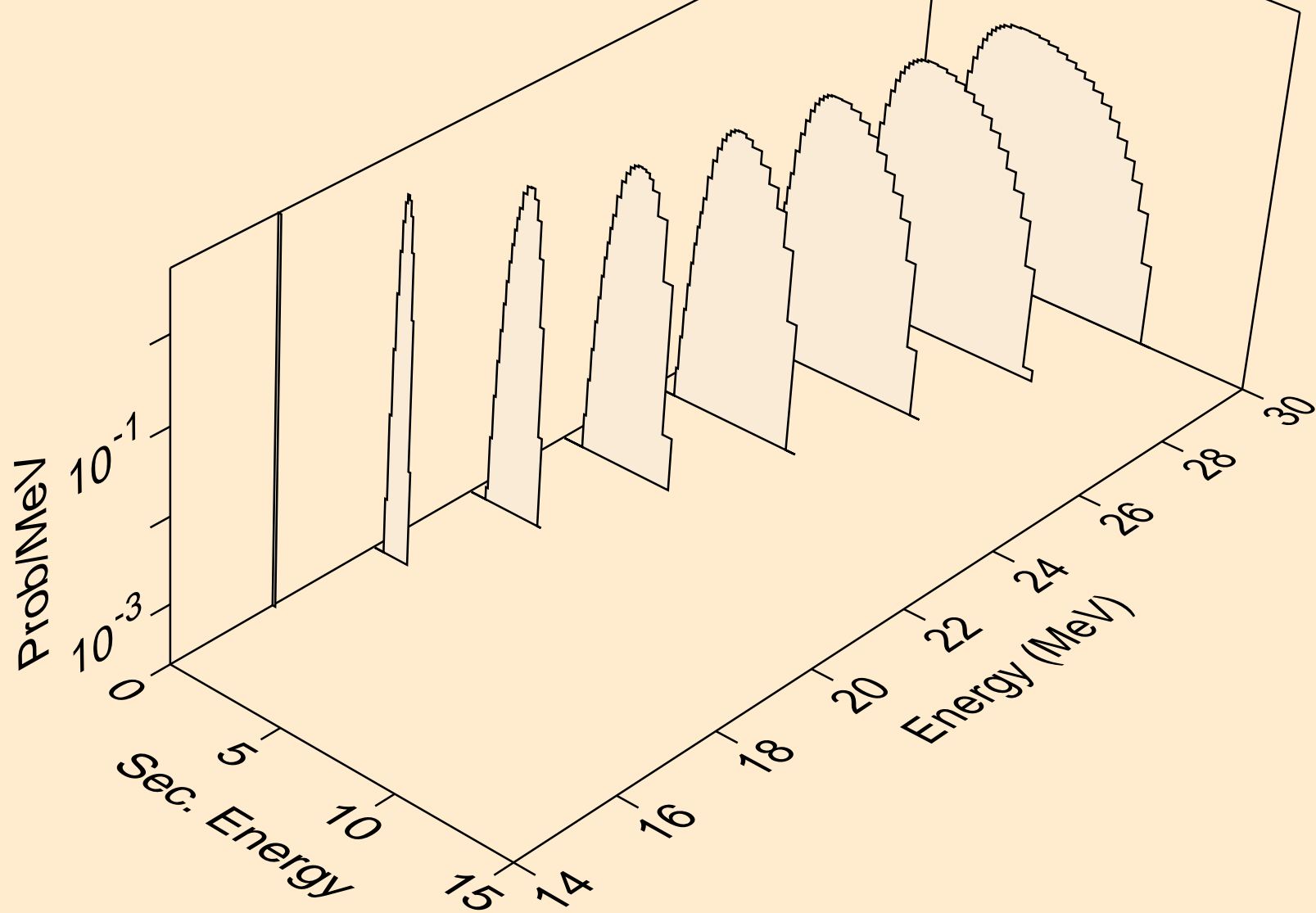




NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



NE021 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

