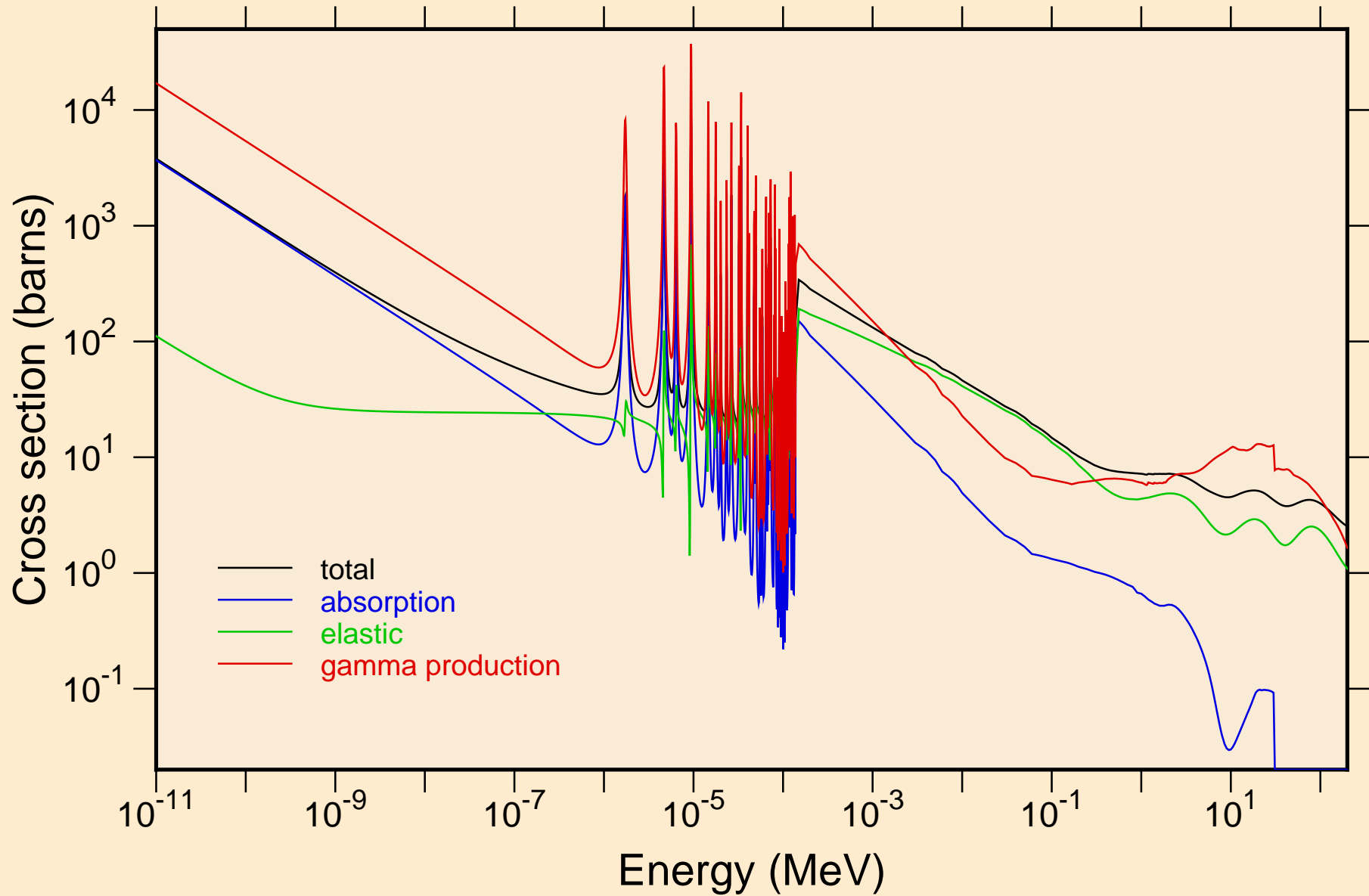
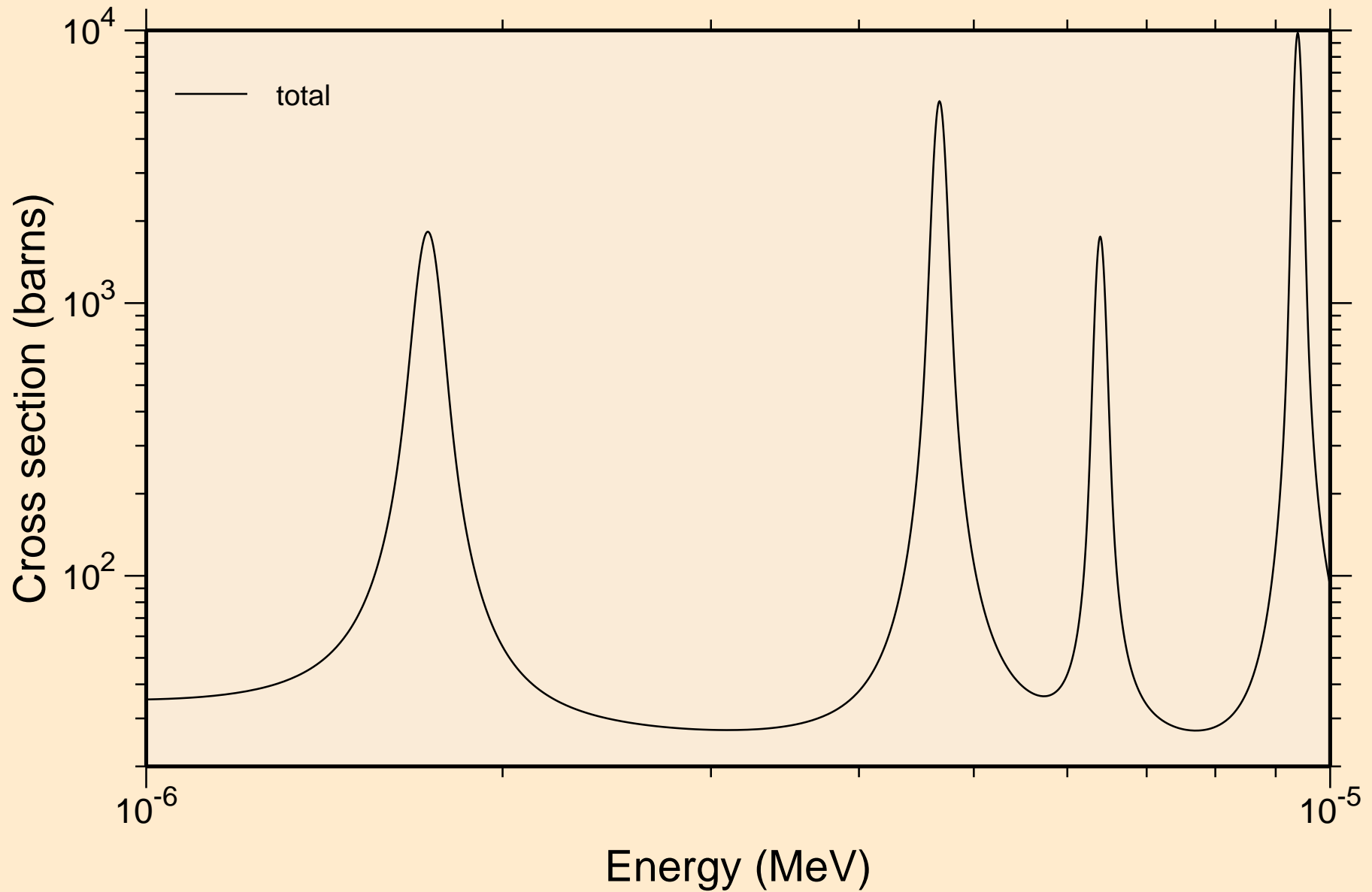


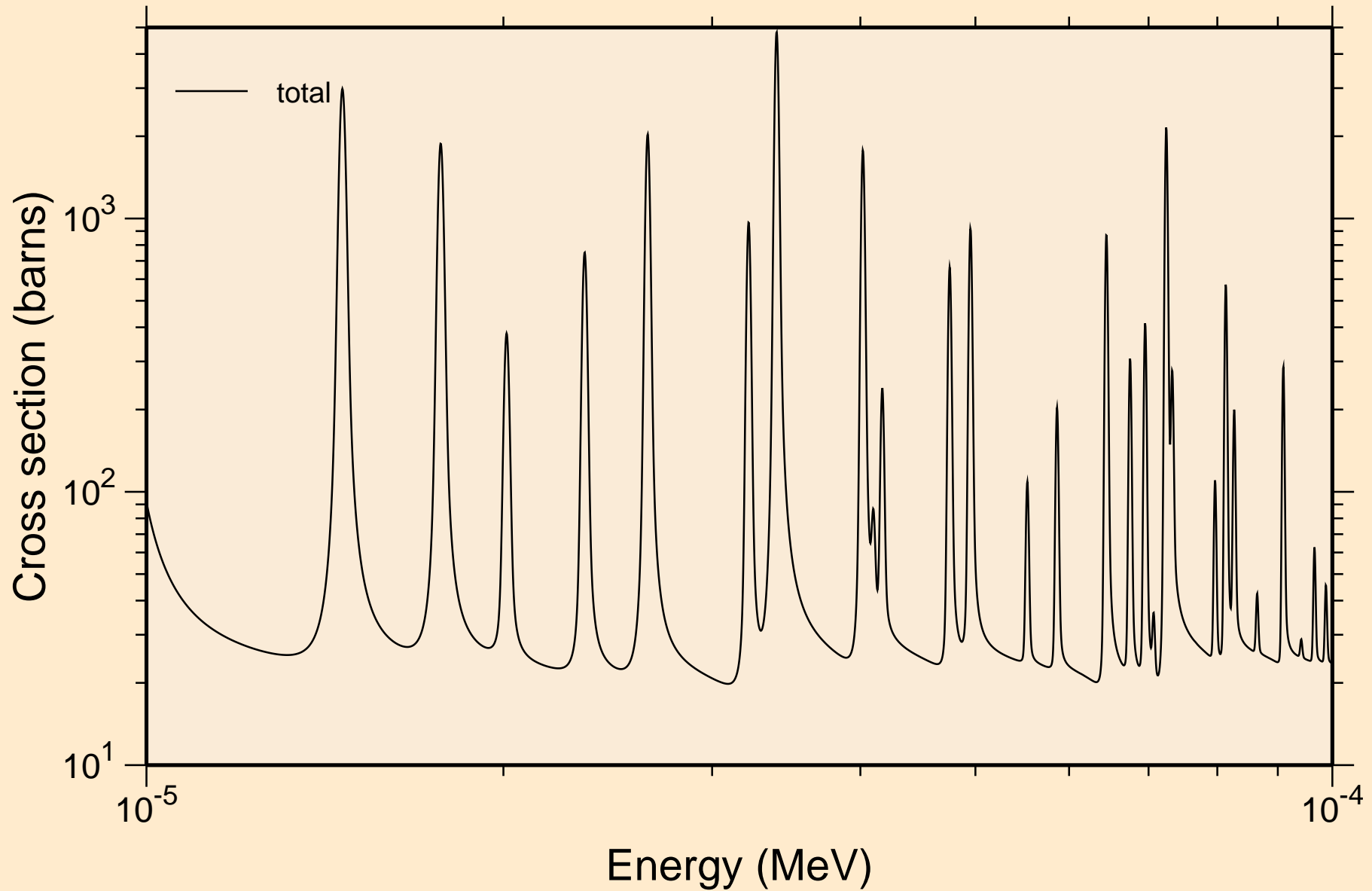
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



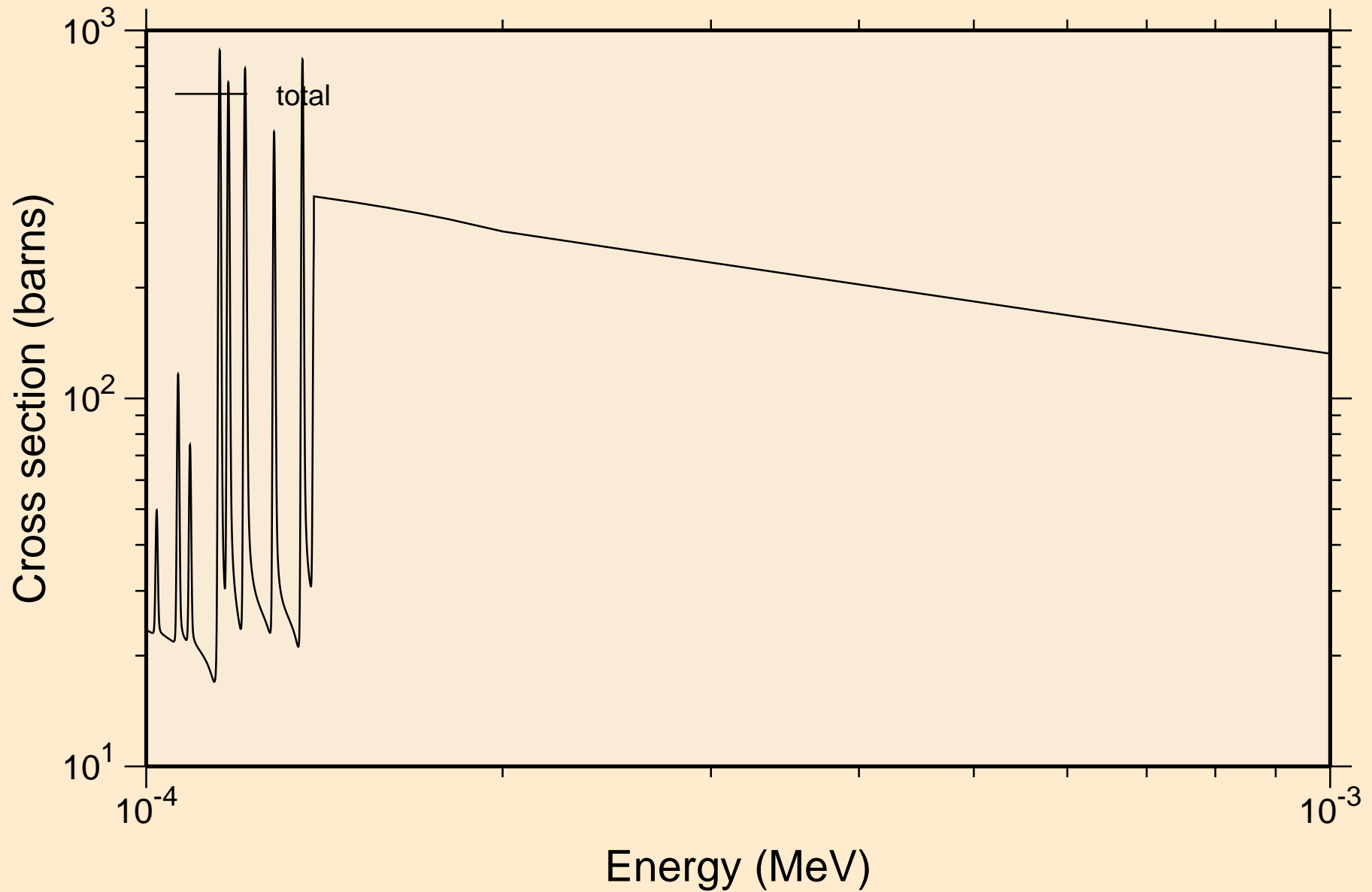
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



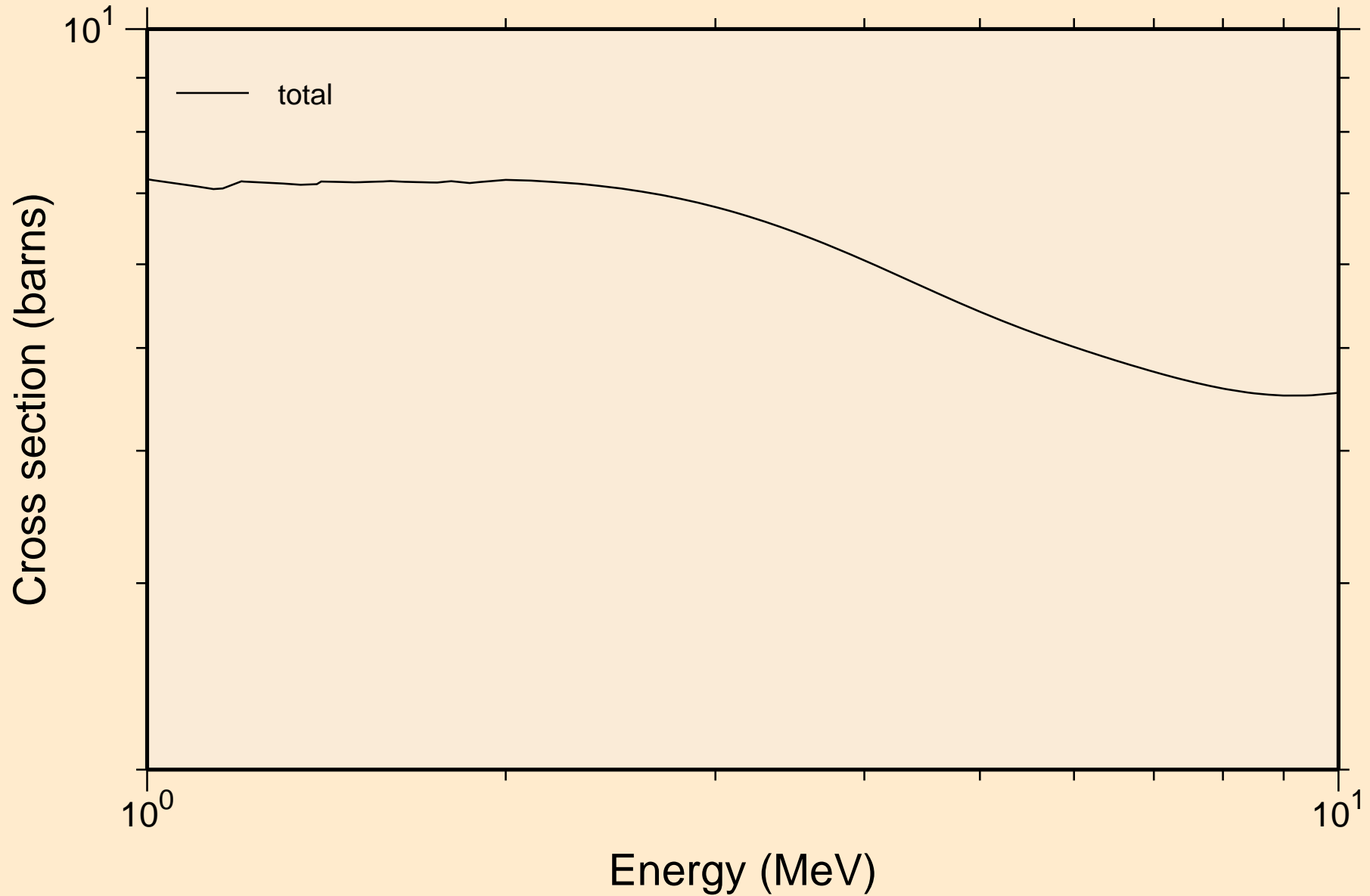
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



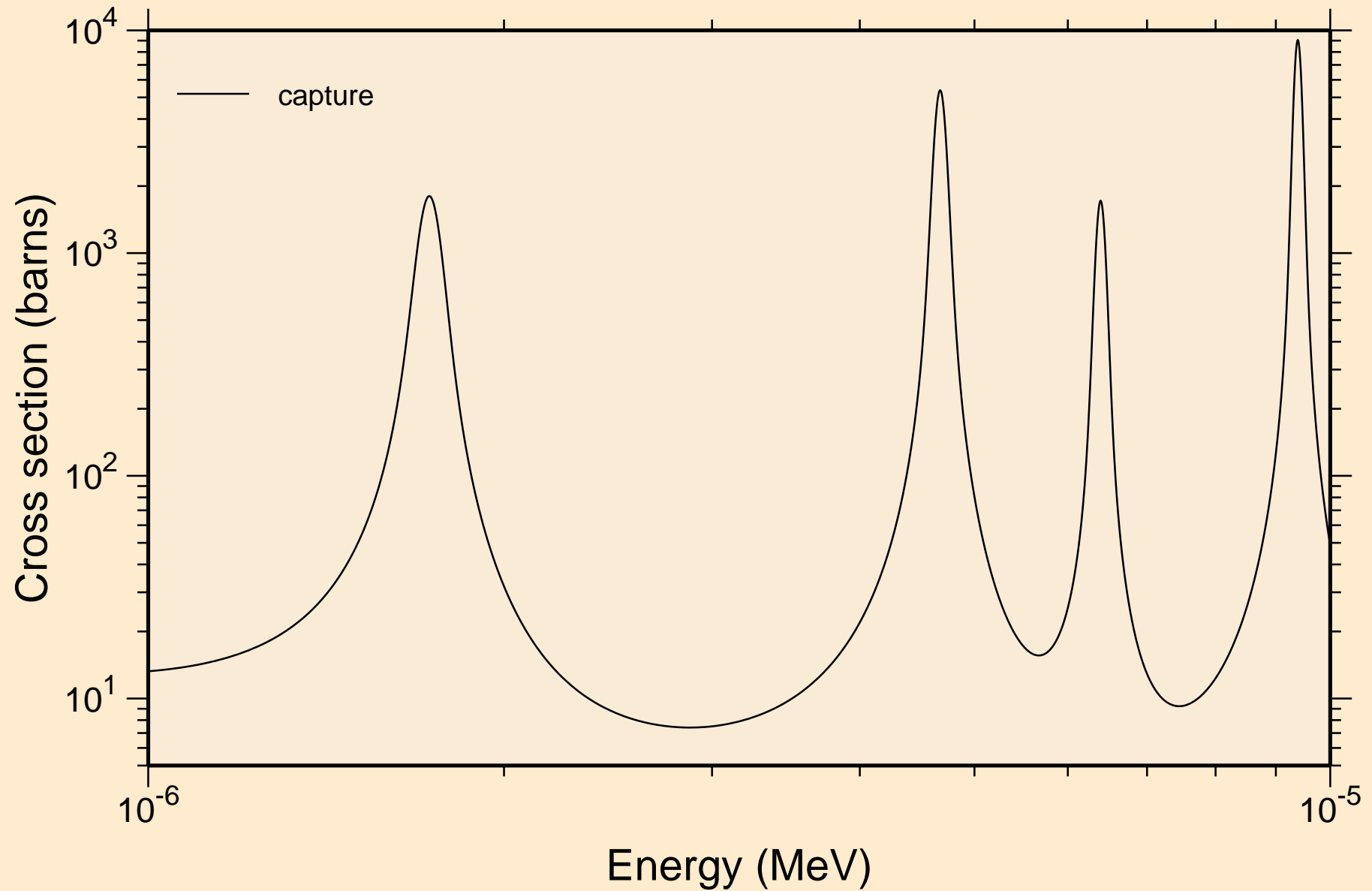
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



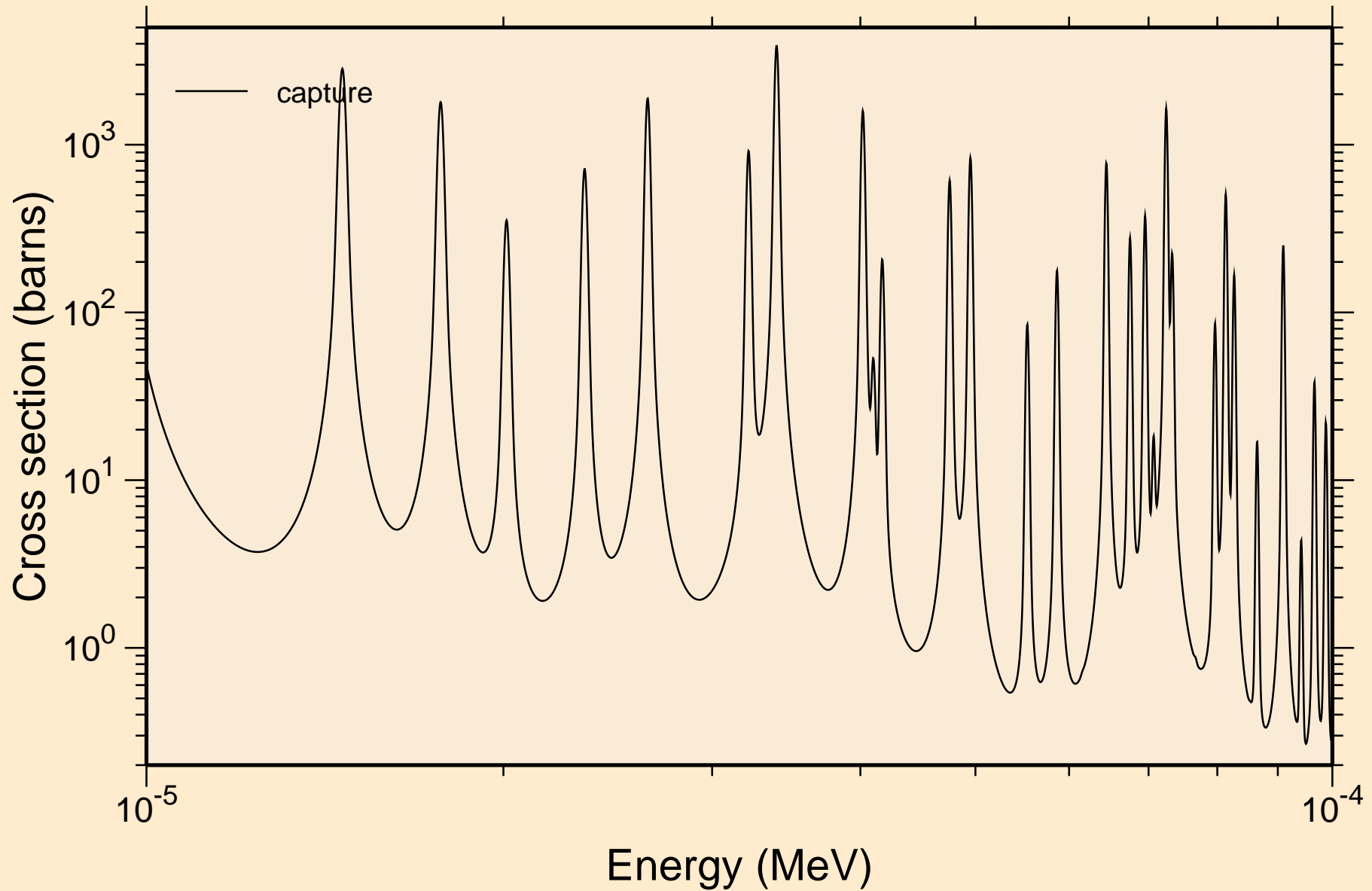
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



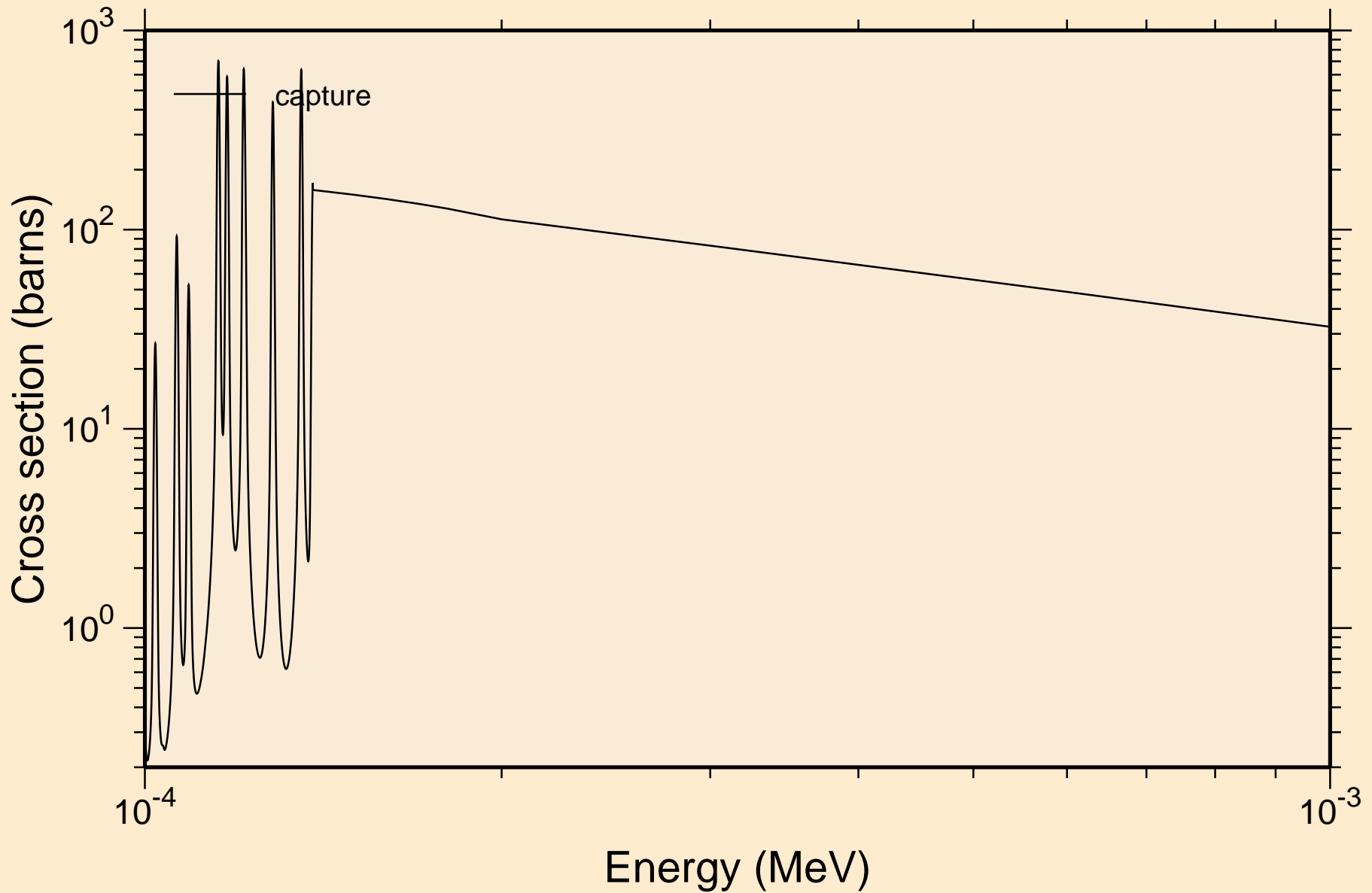
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

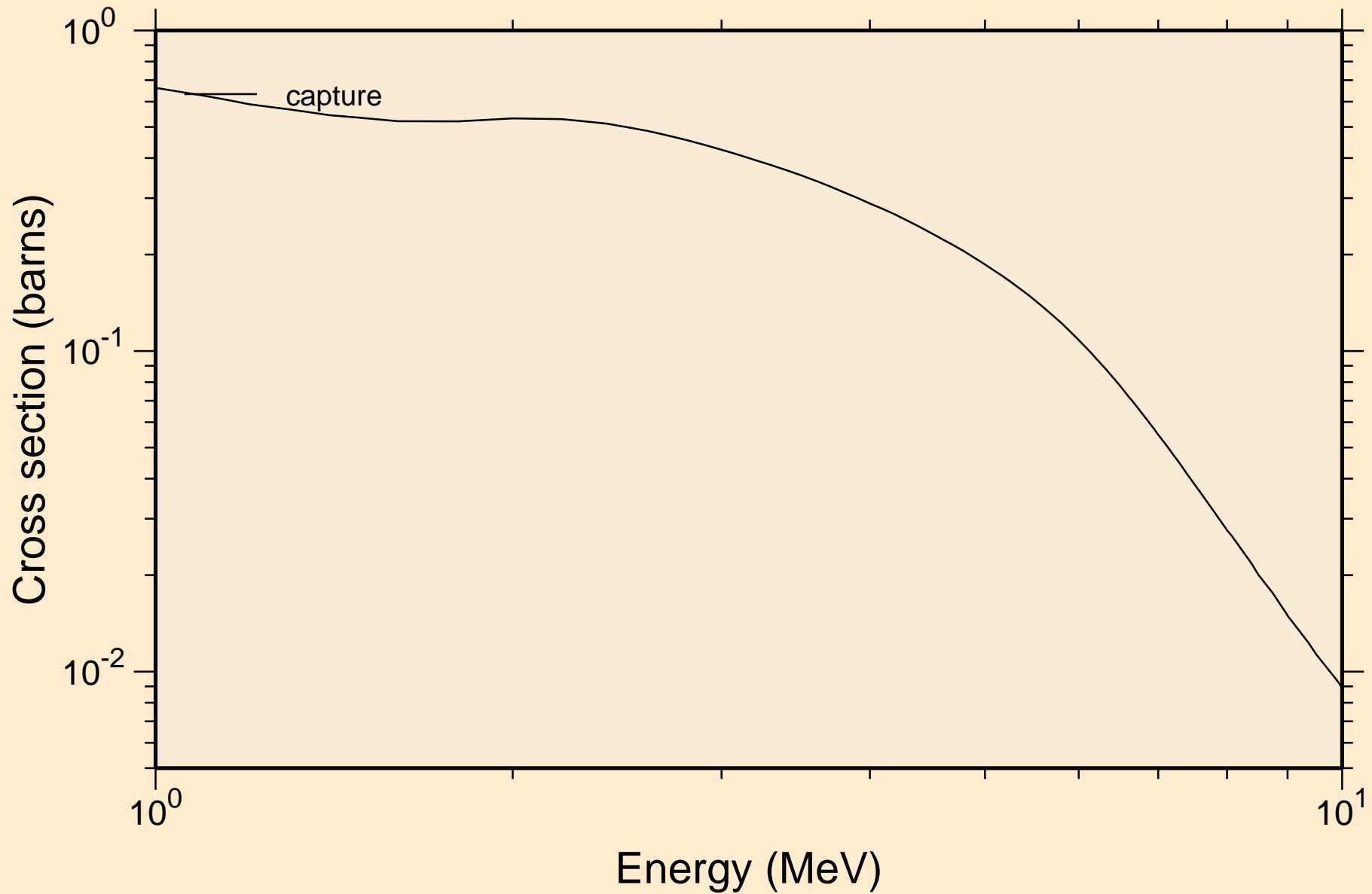


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

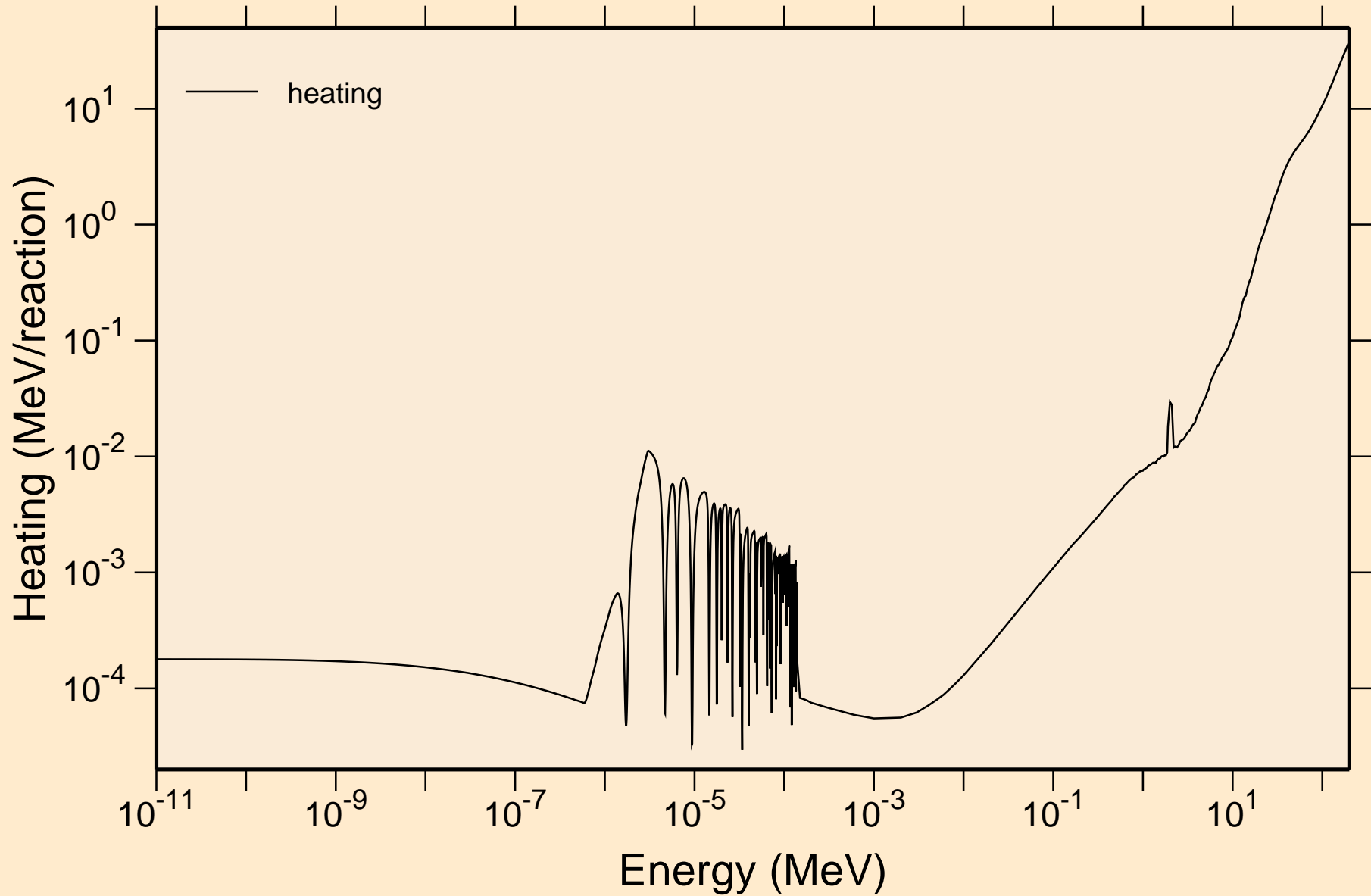




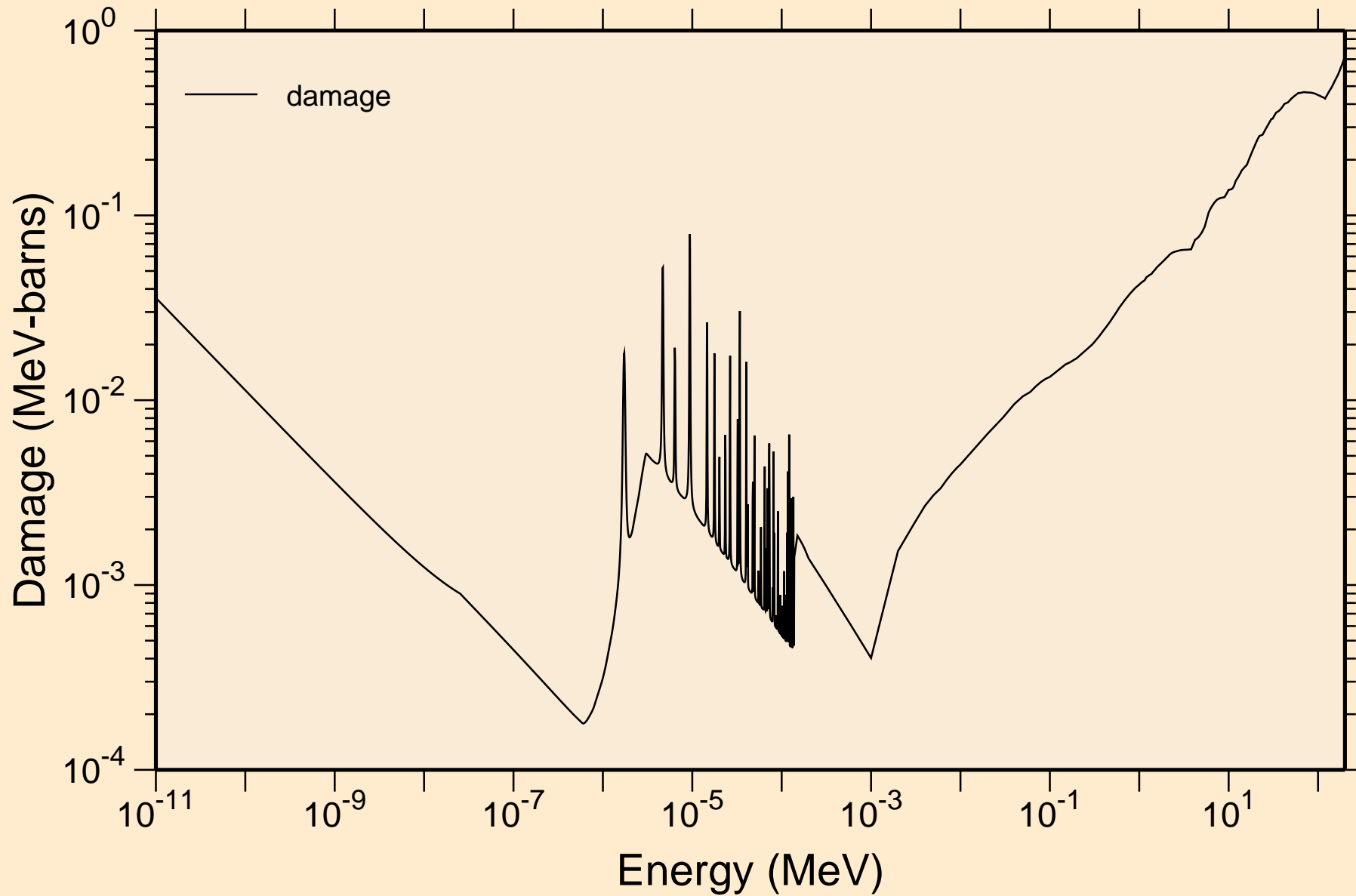
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



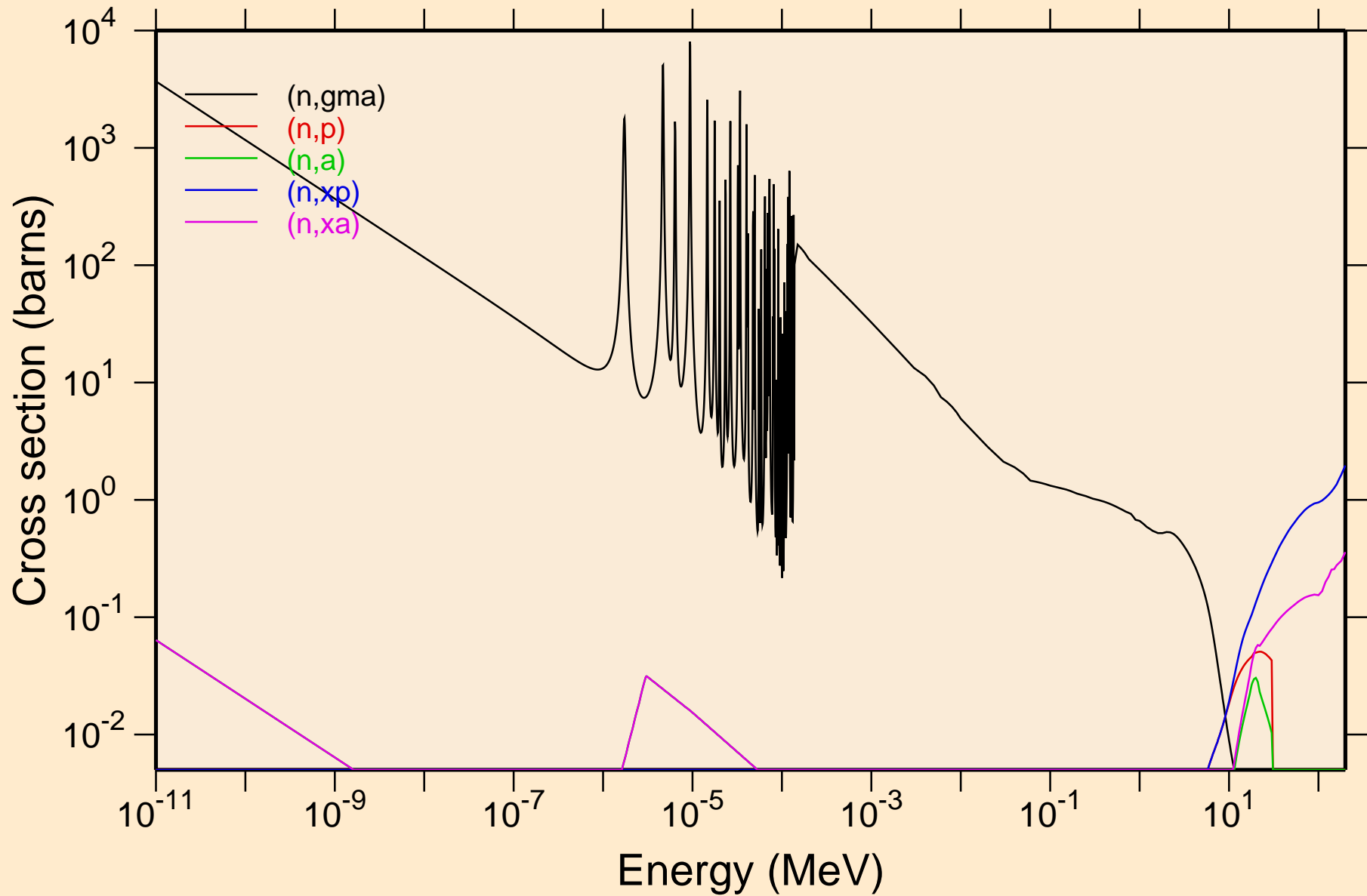
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



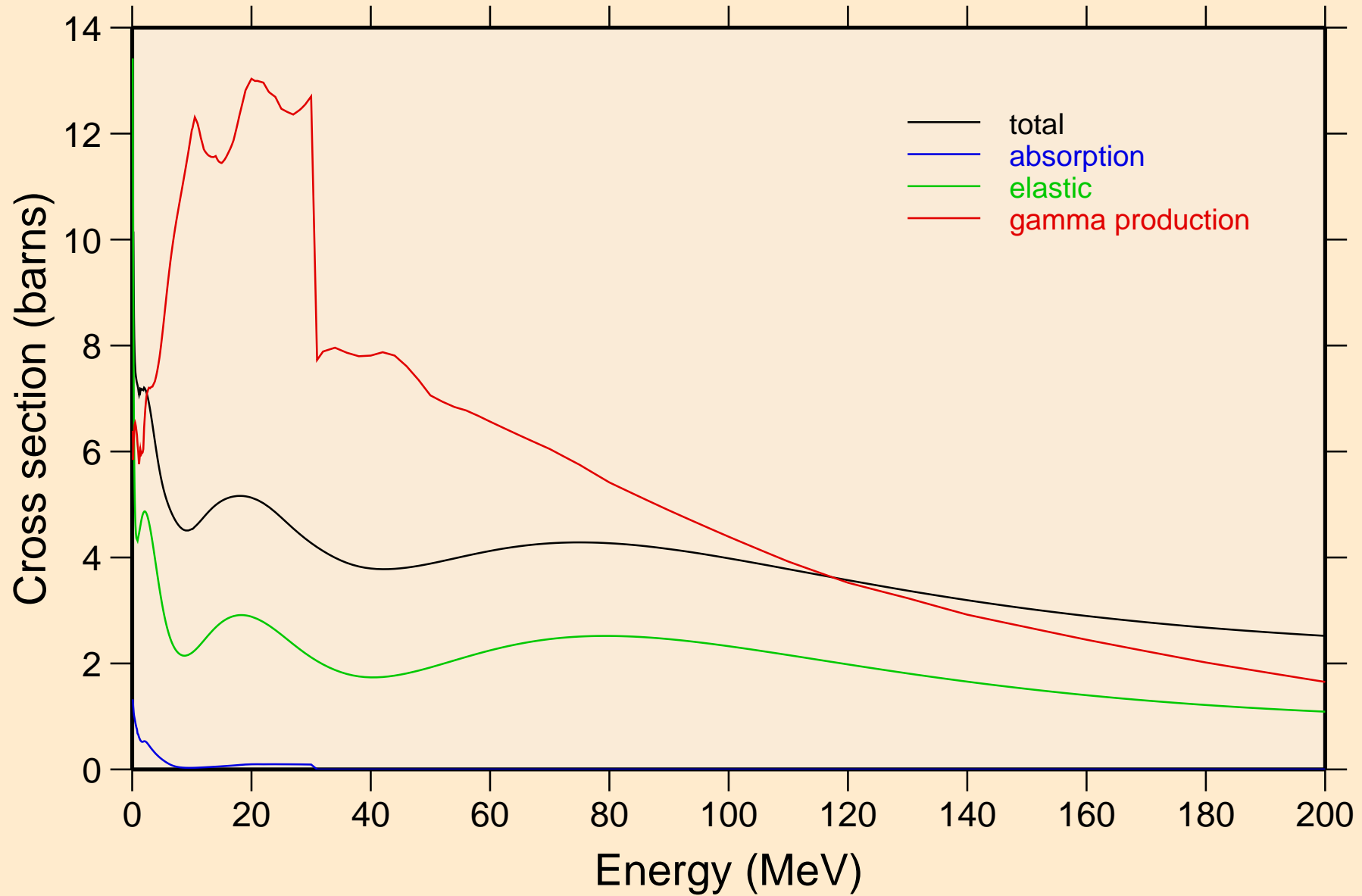
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

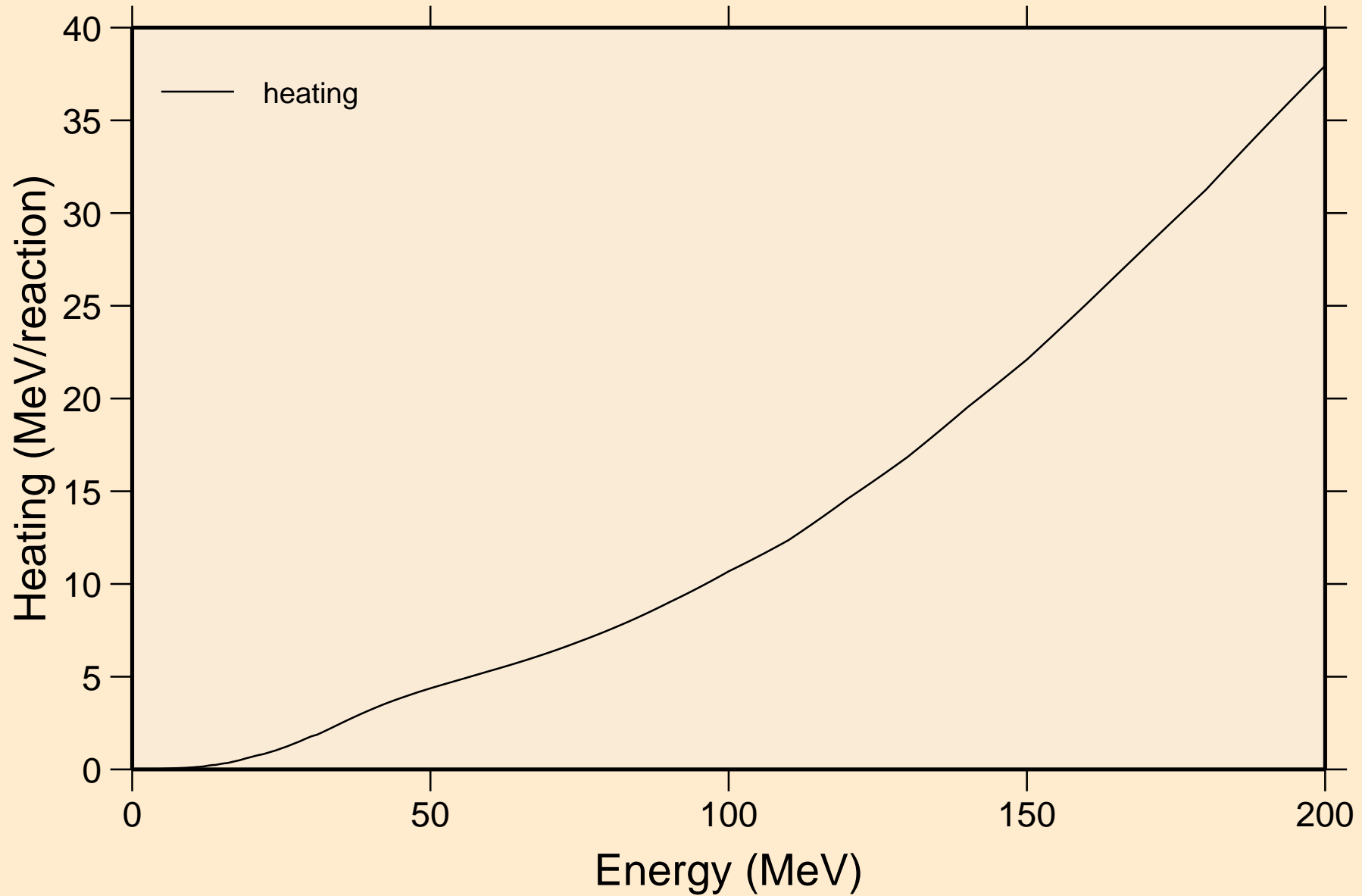


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

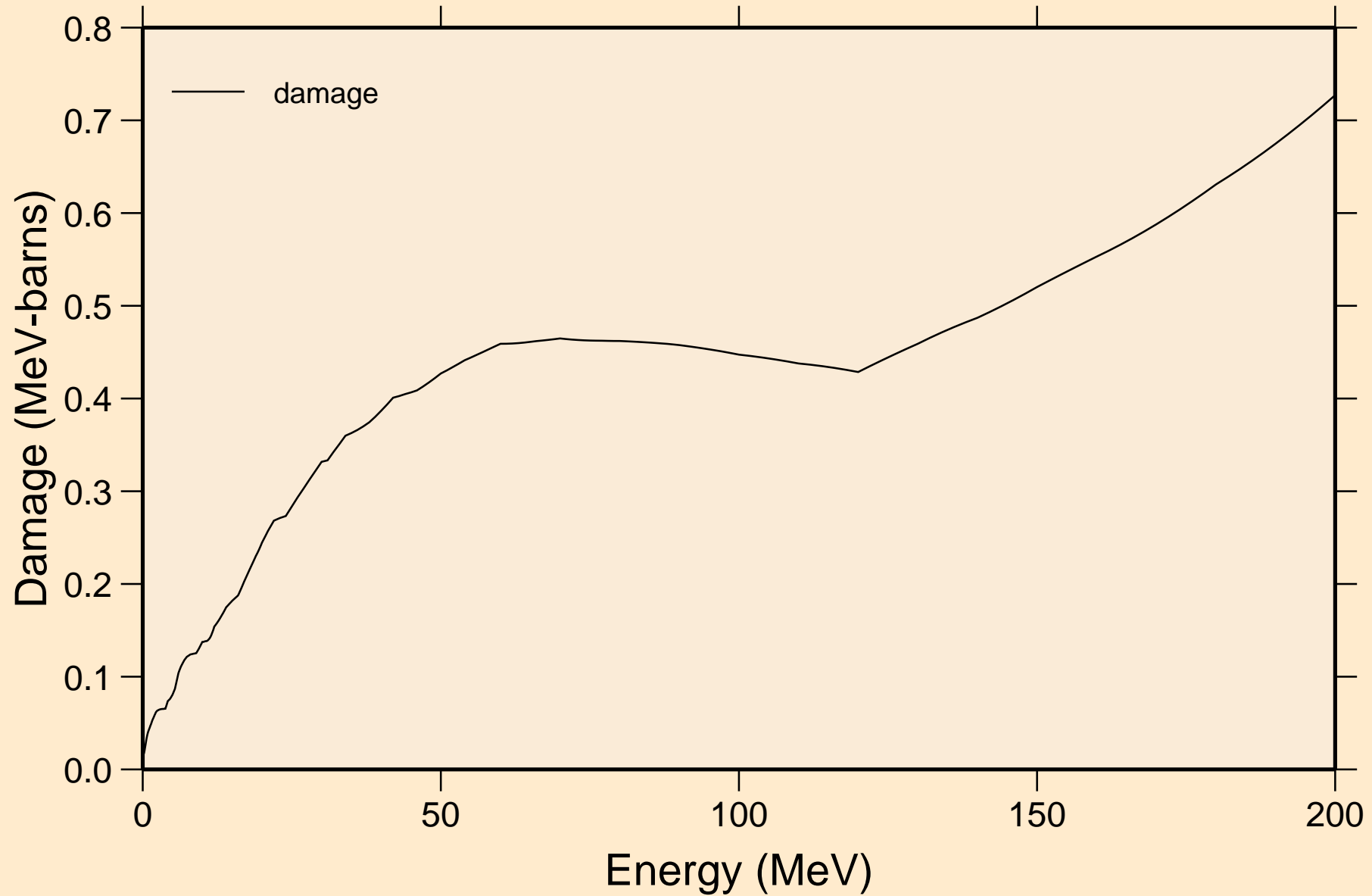


# YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

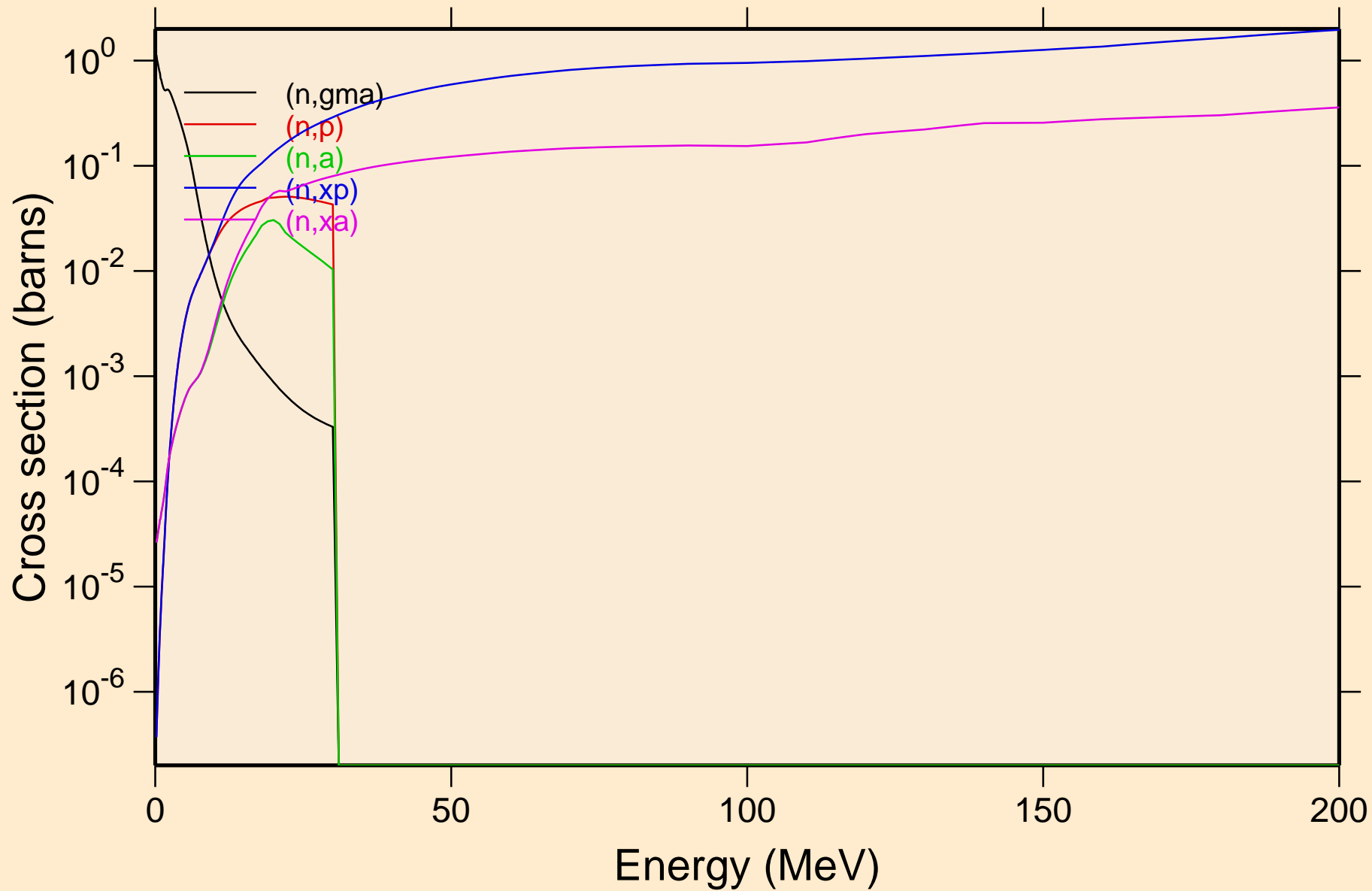
## Heating



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

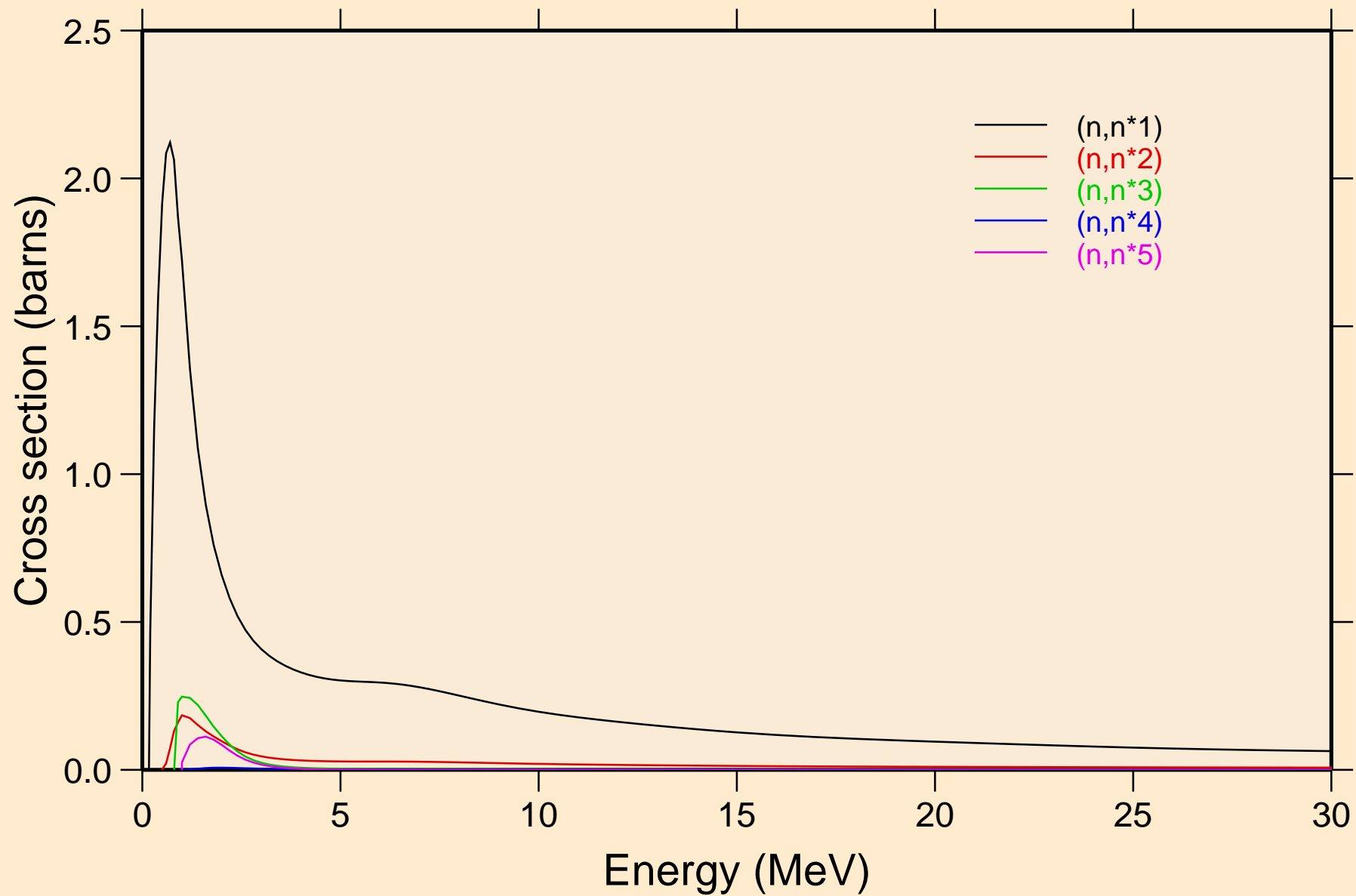


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

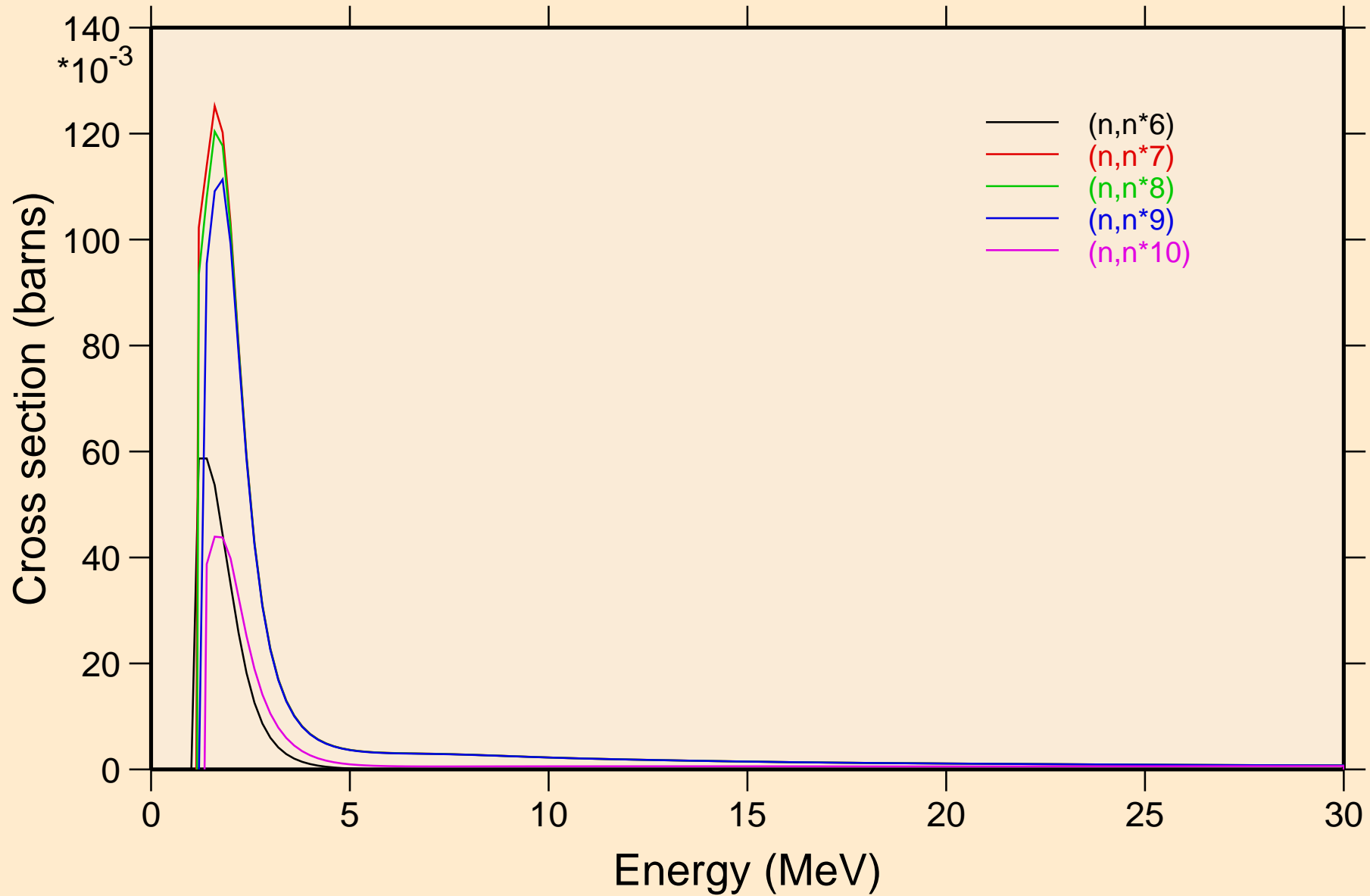




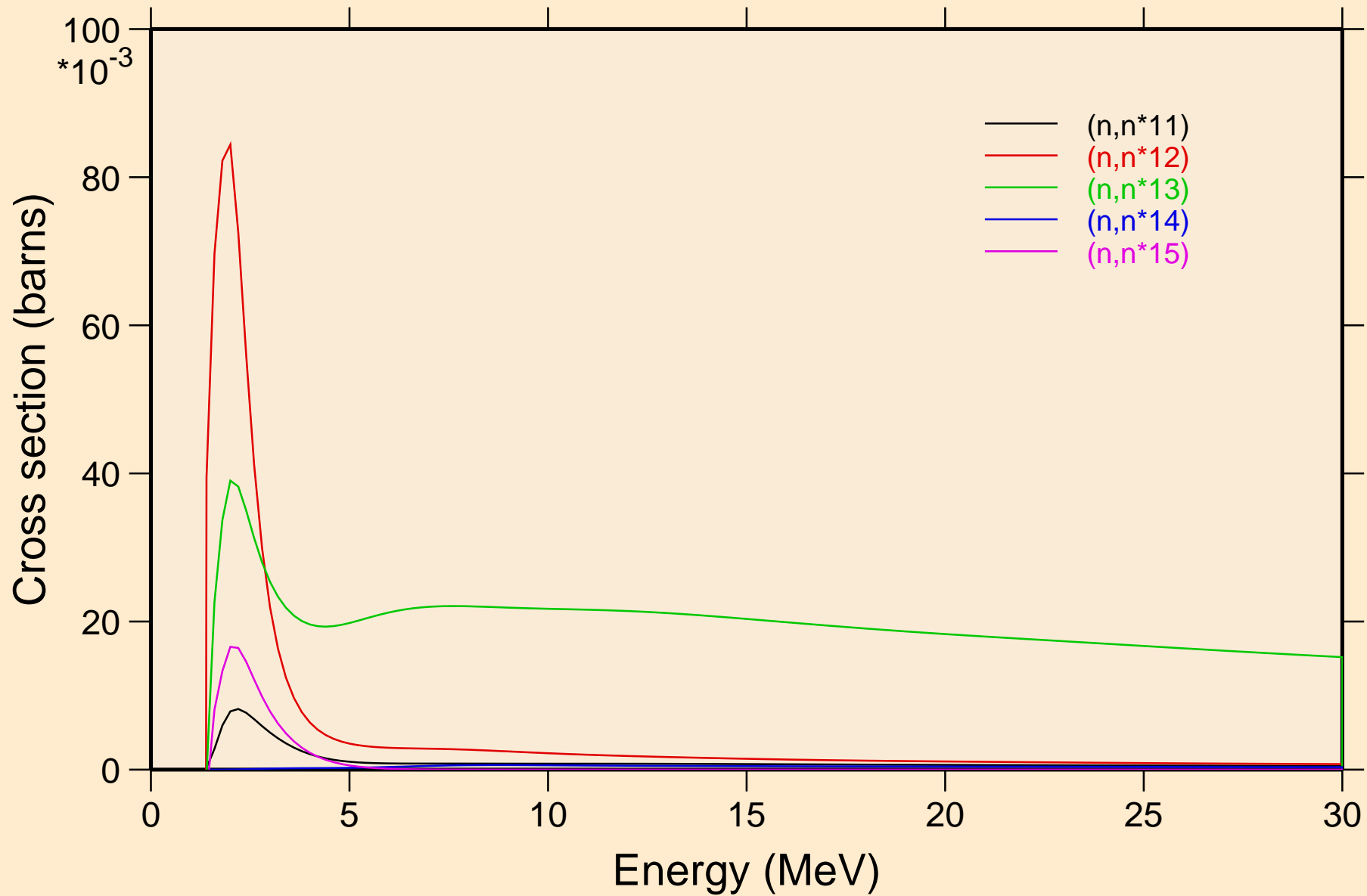
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



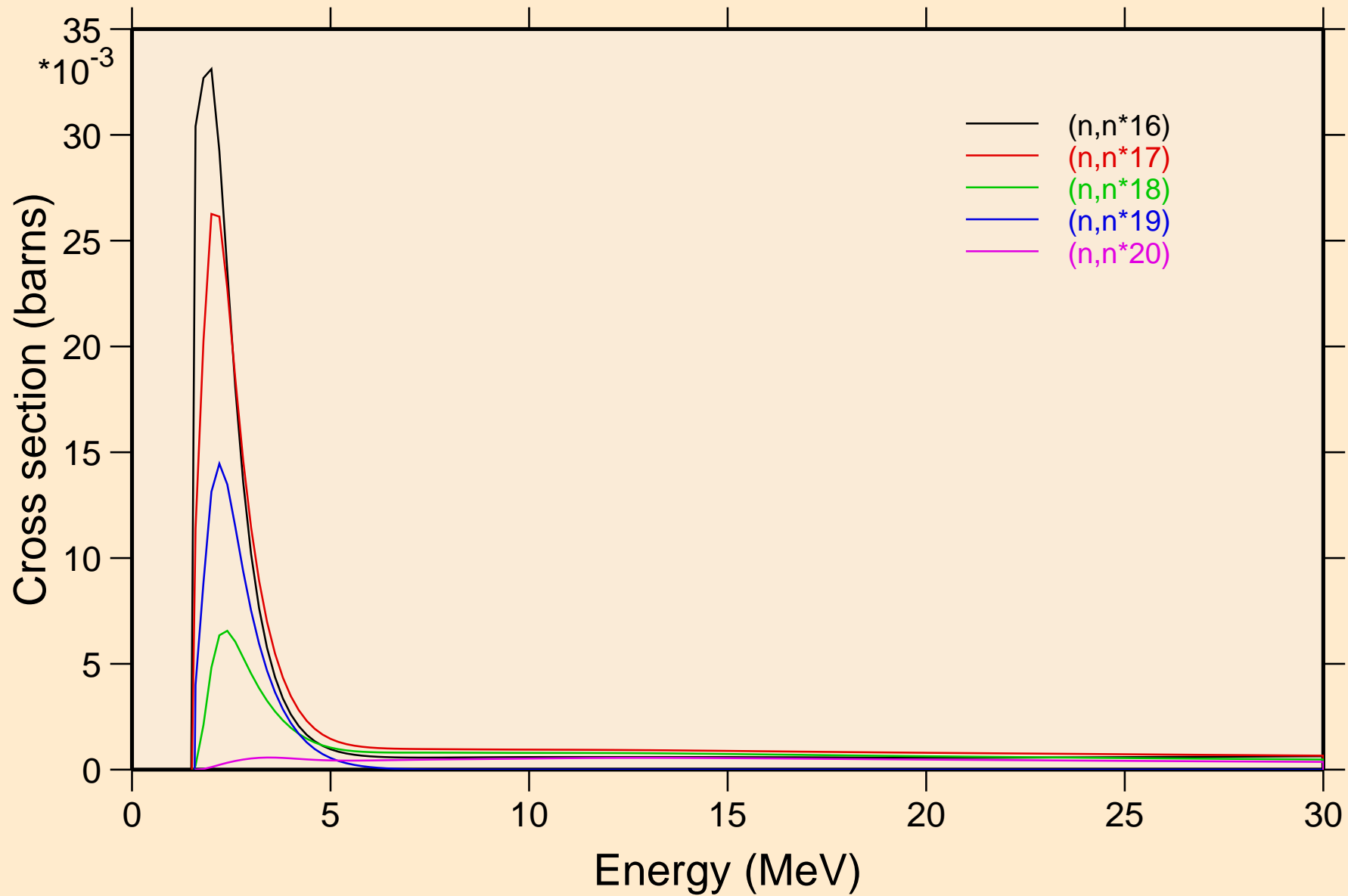
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



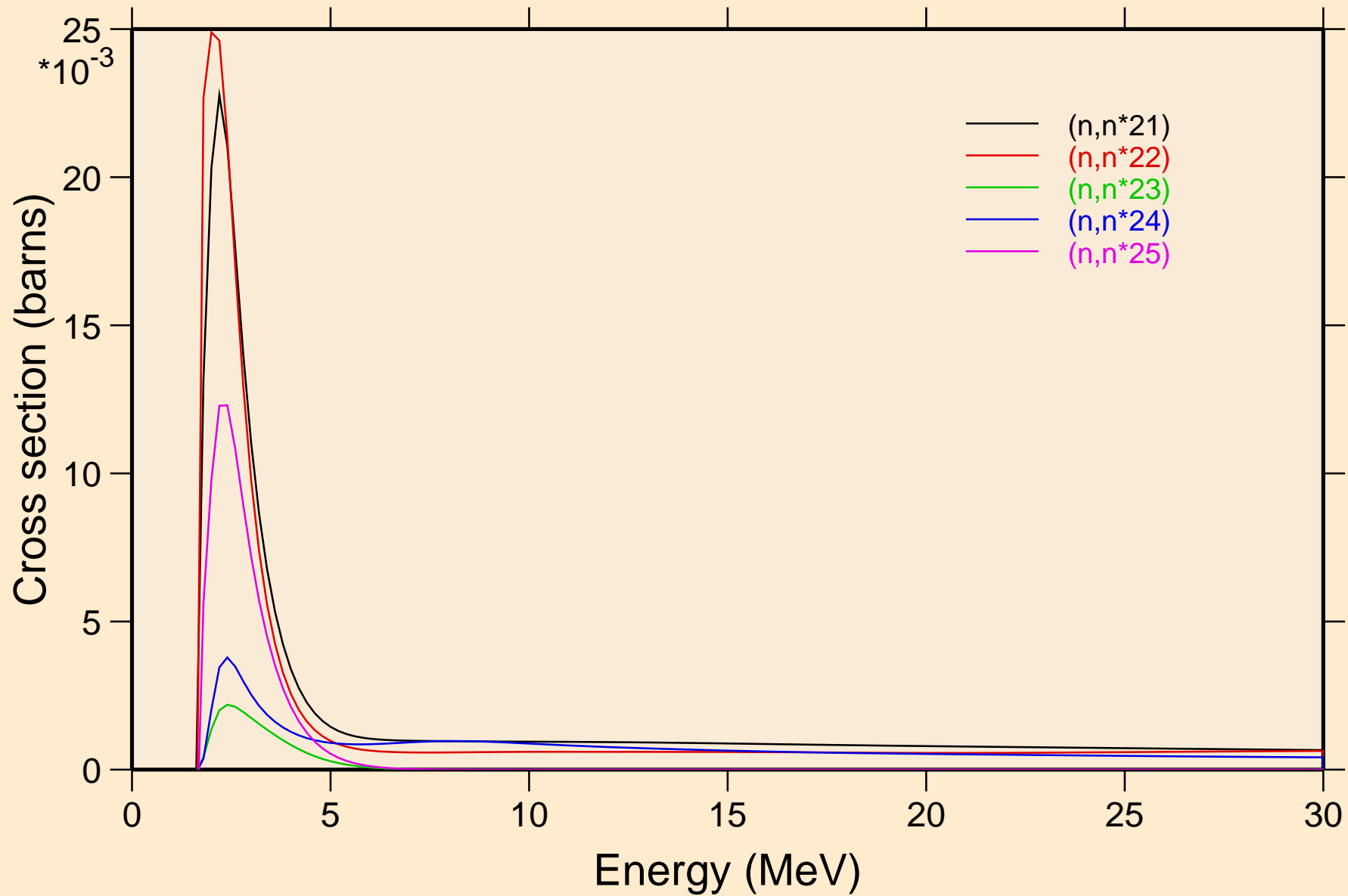
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



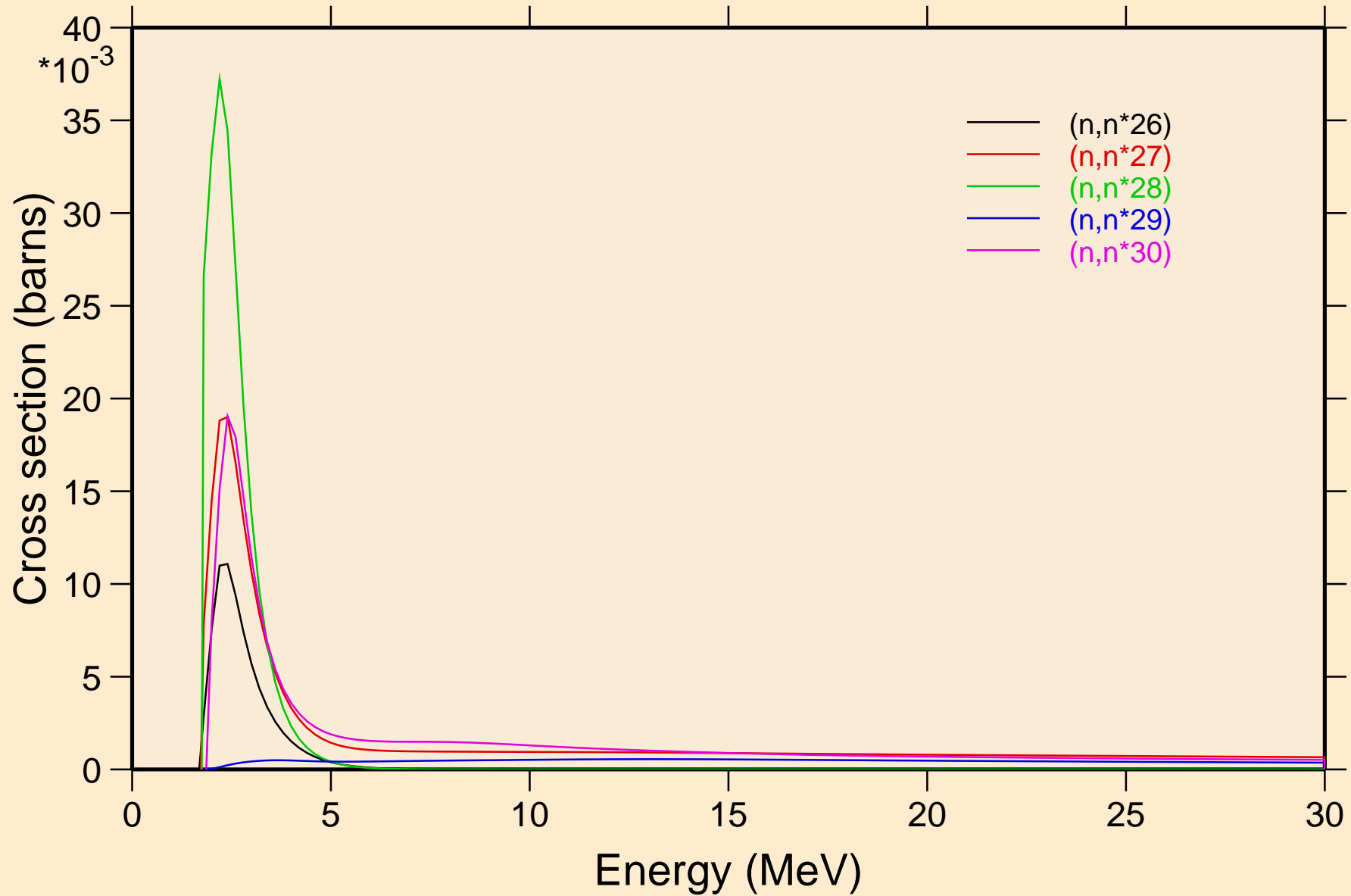
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Inelastic levels



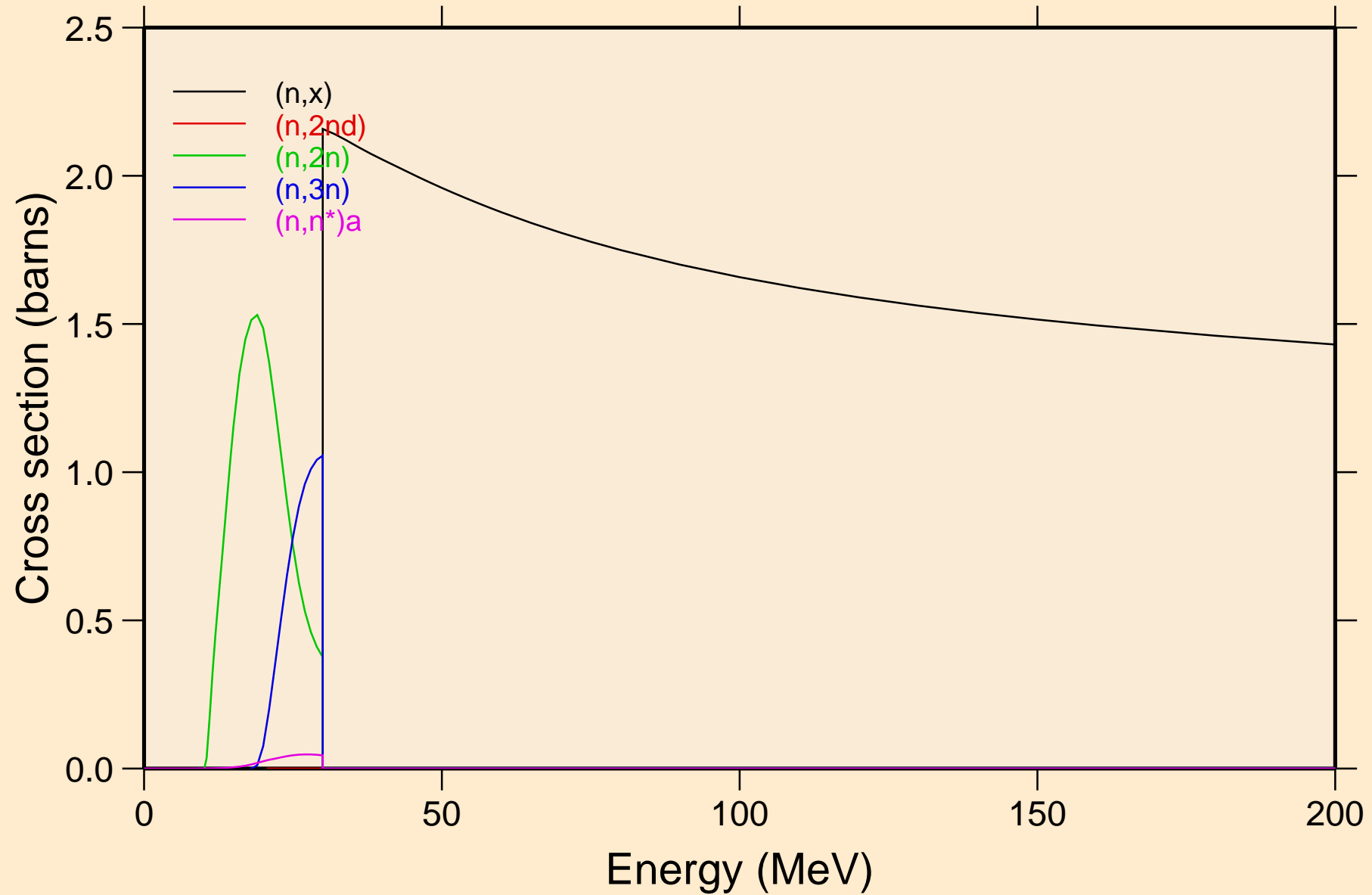
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



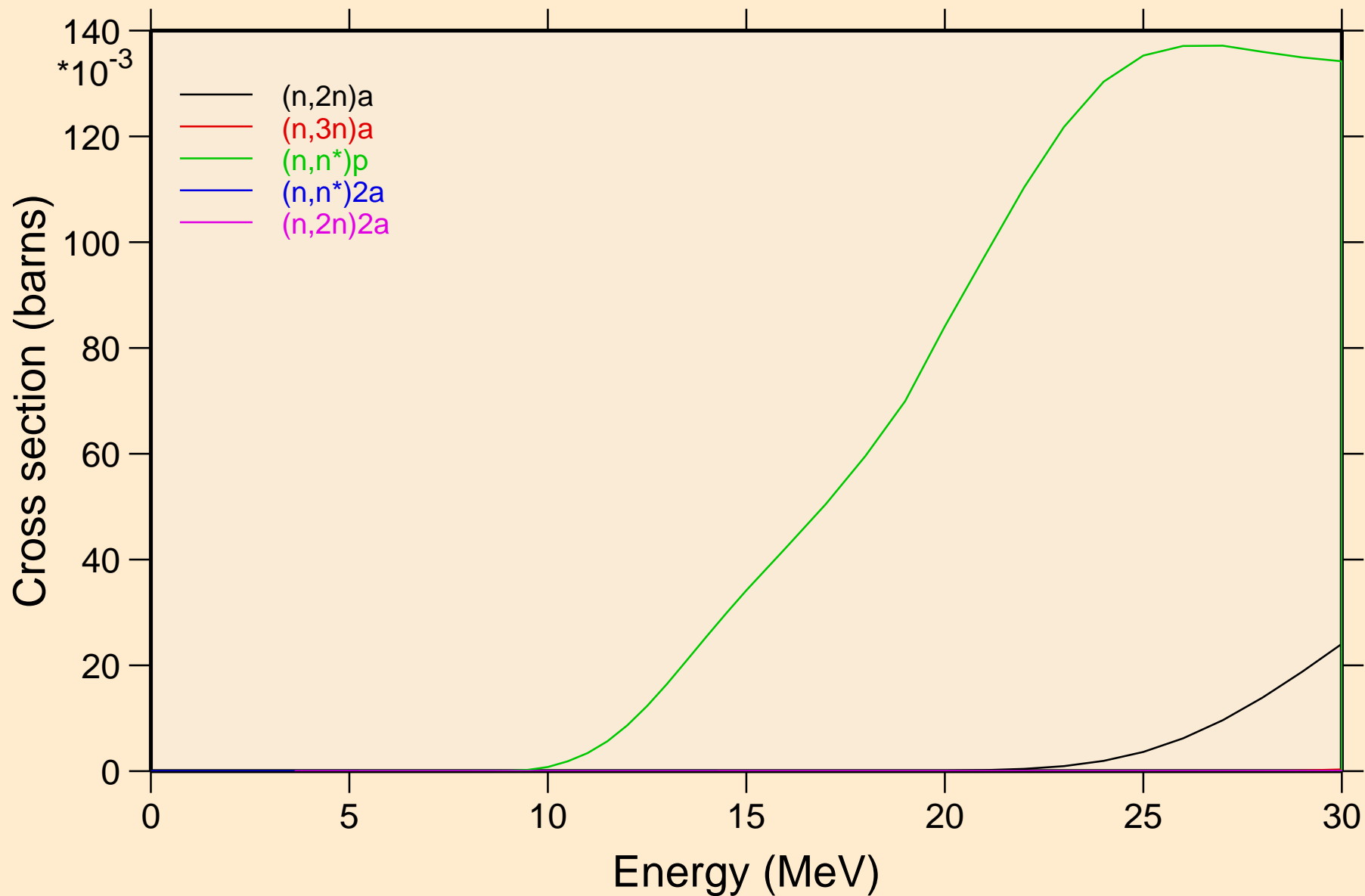
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

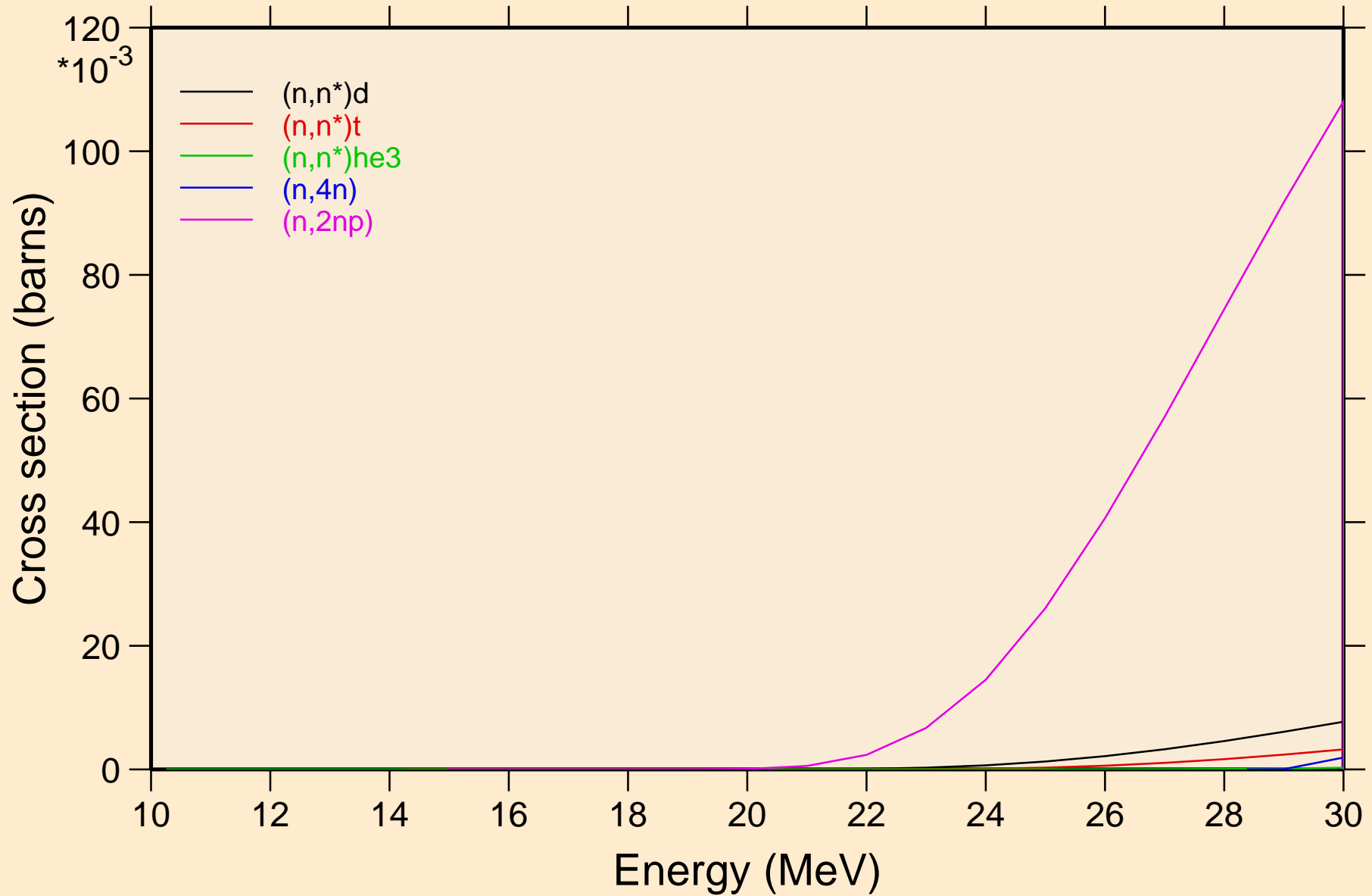


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

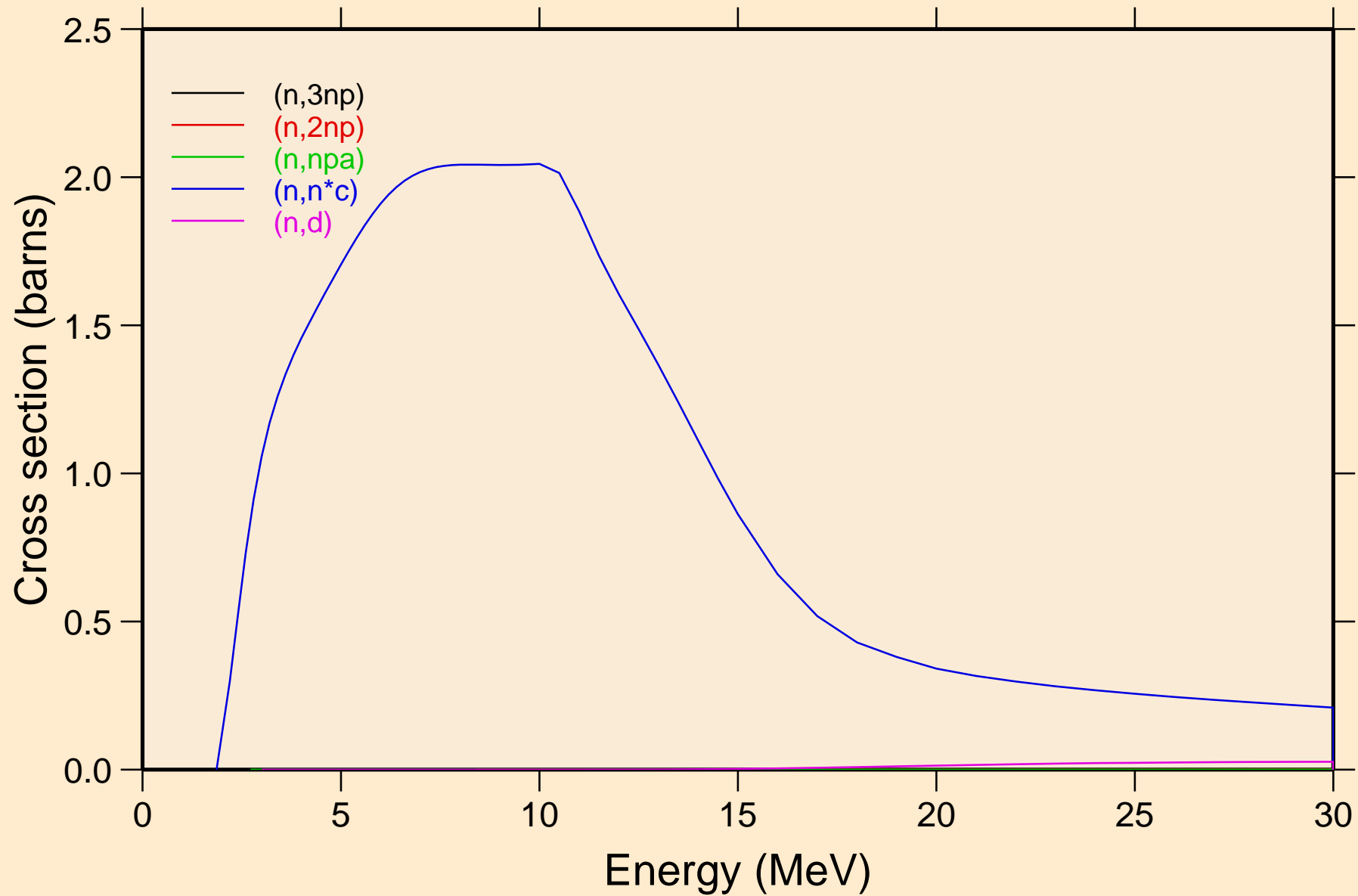




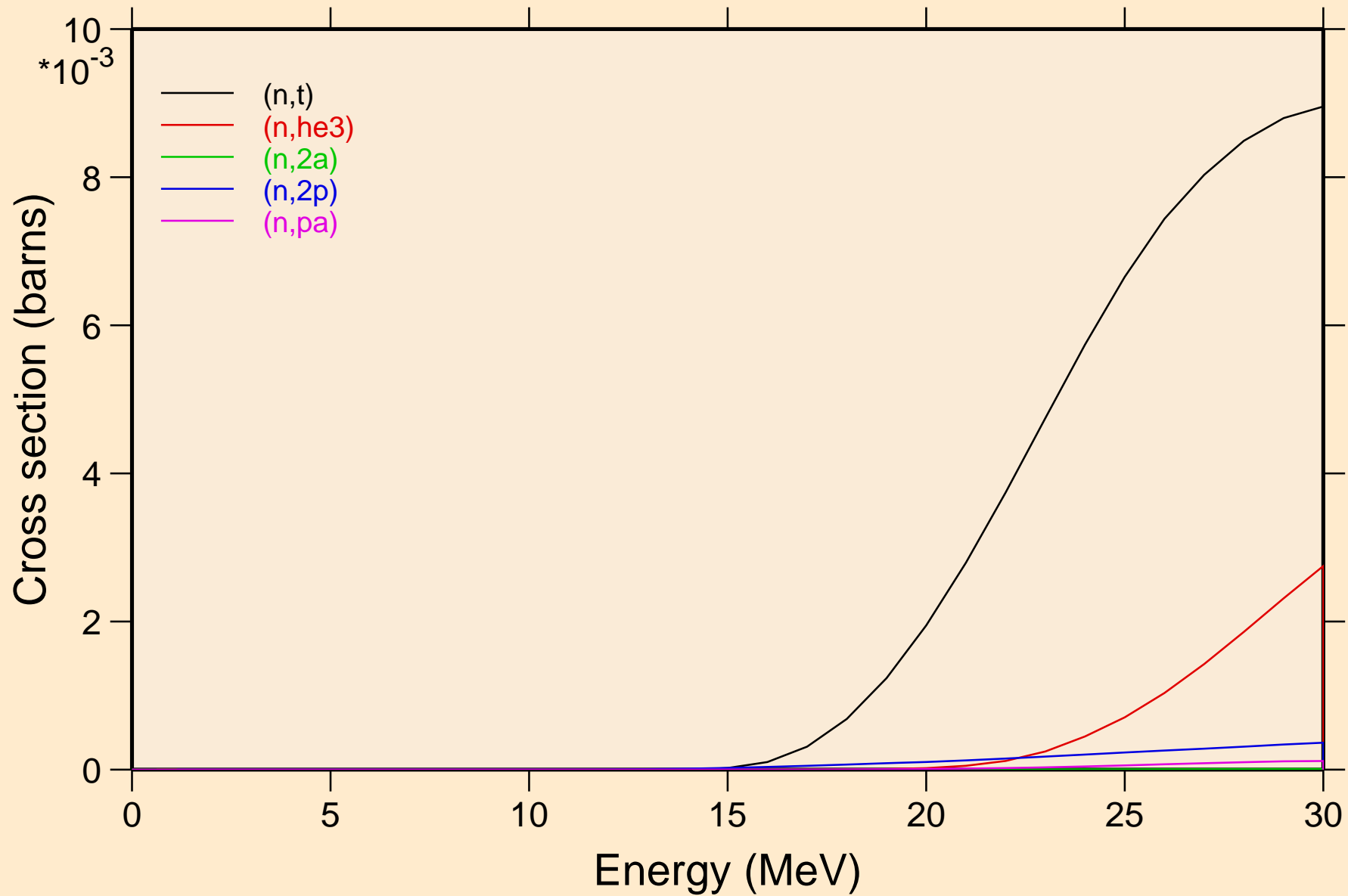
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



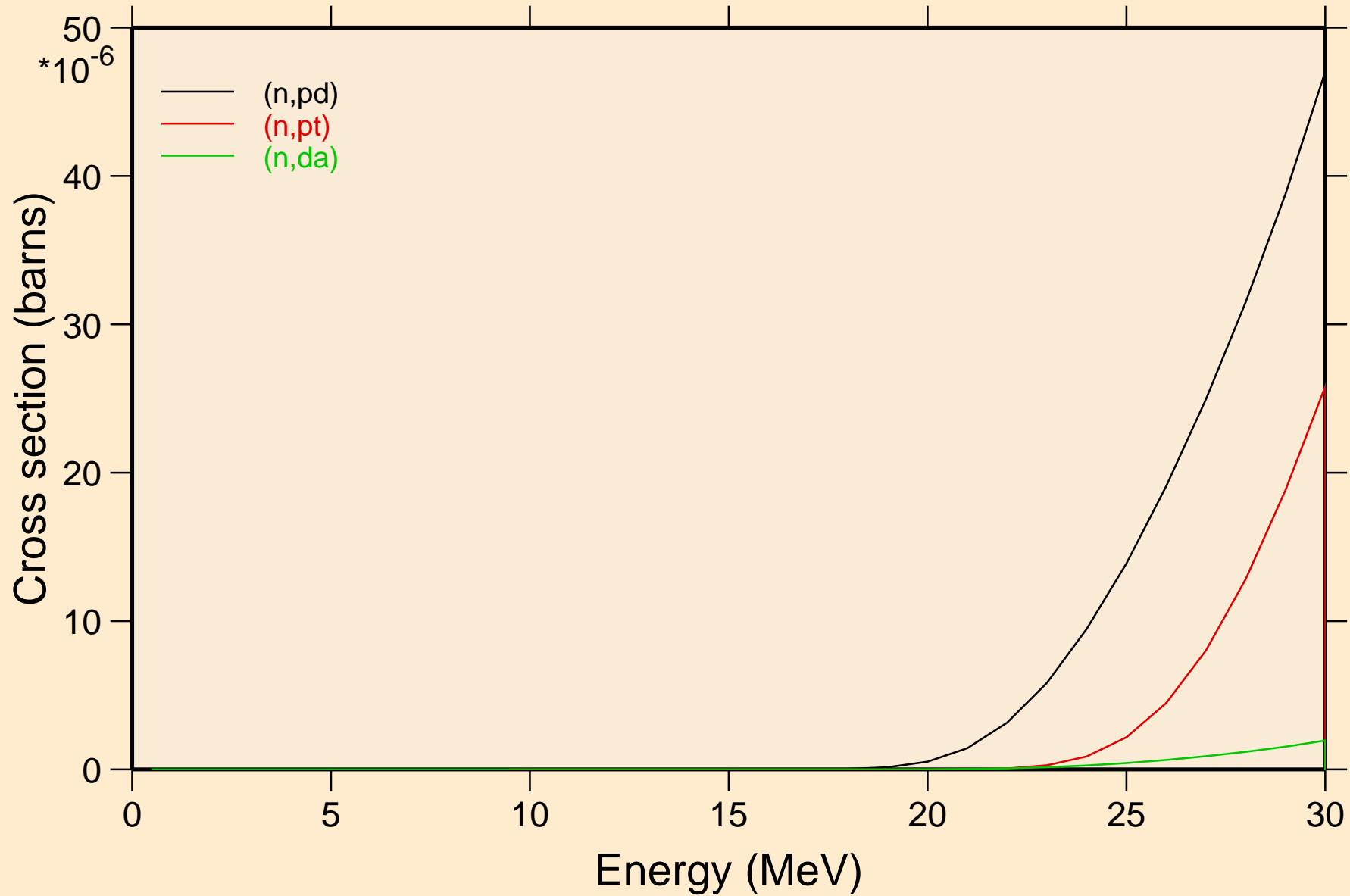
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



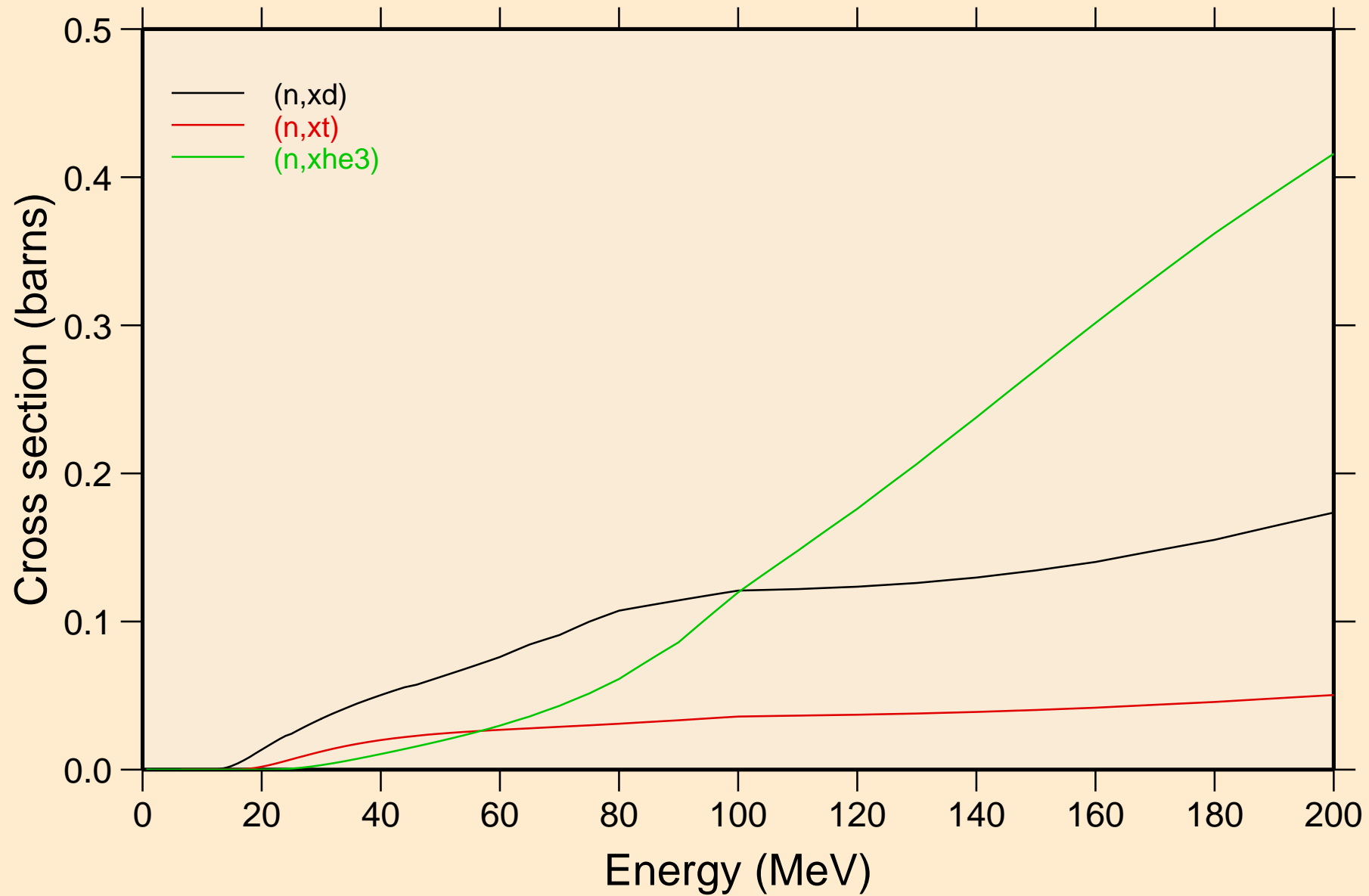
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



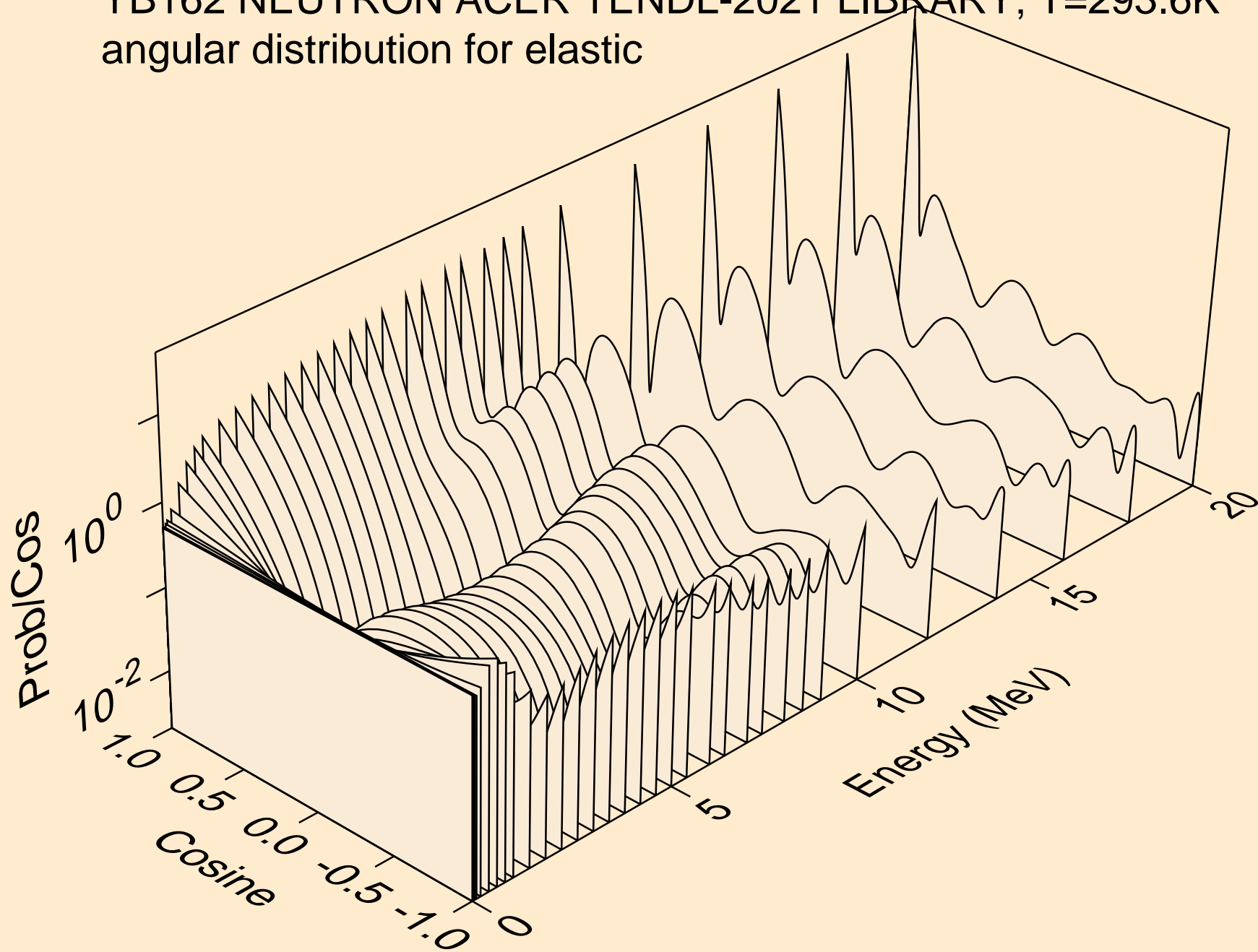
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



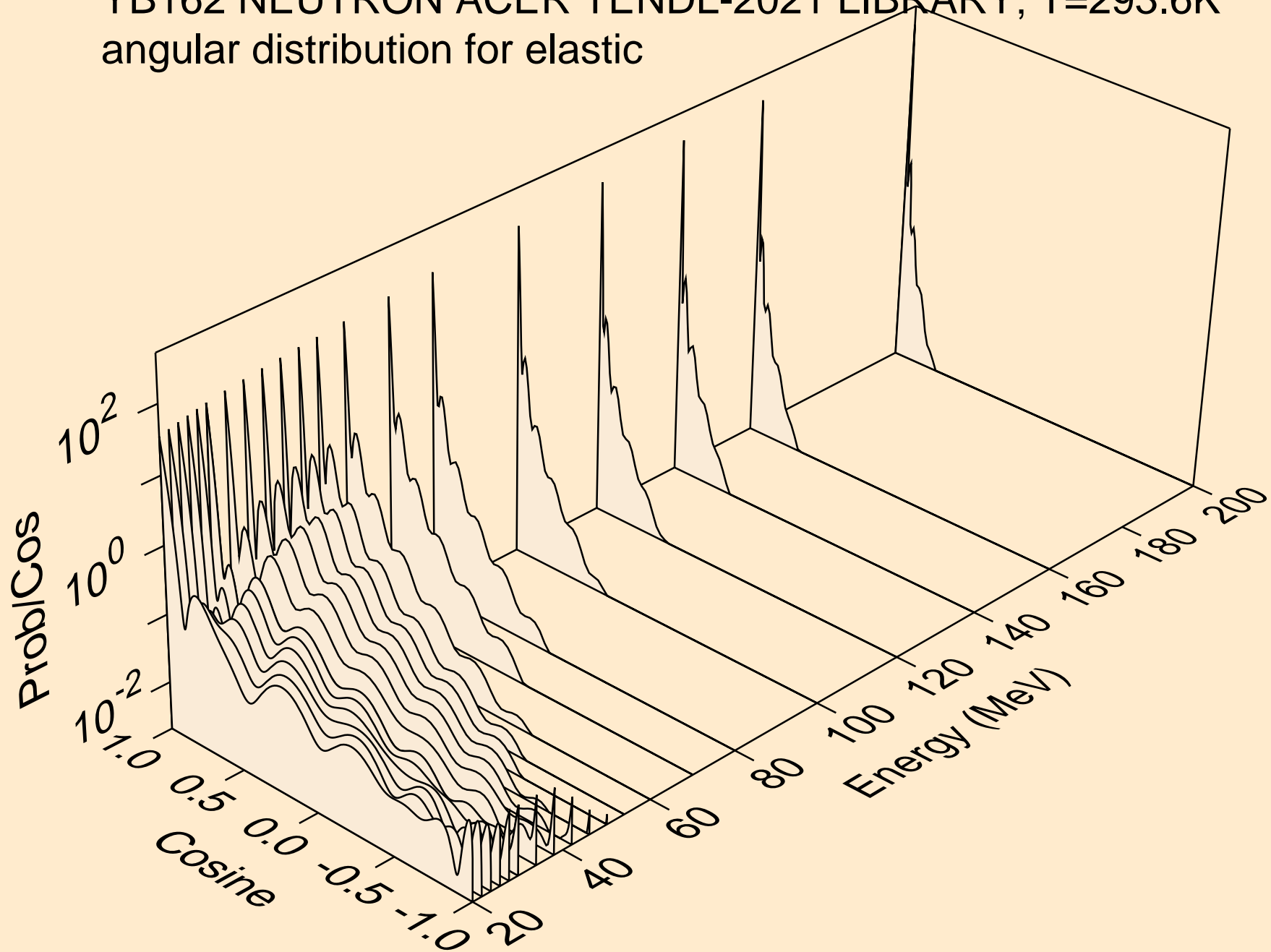
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



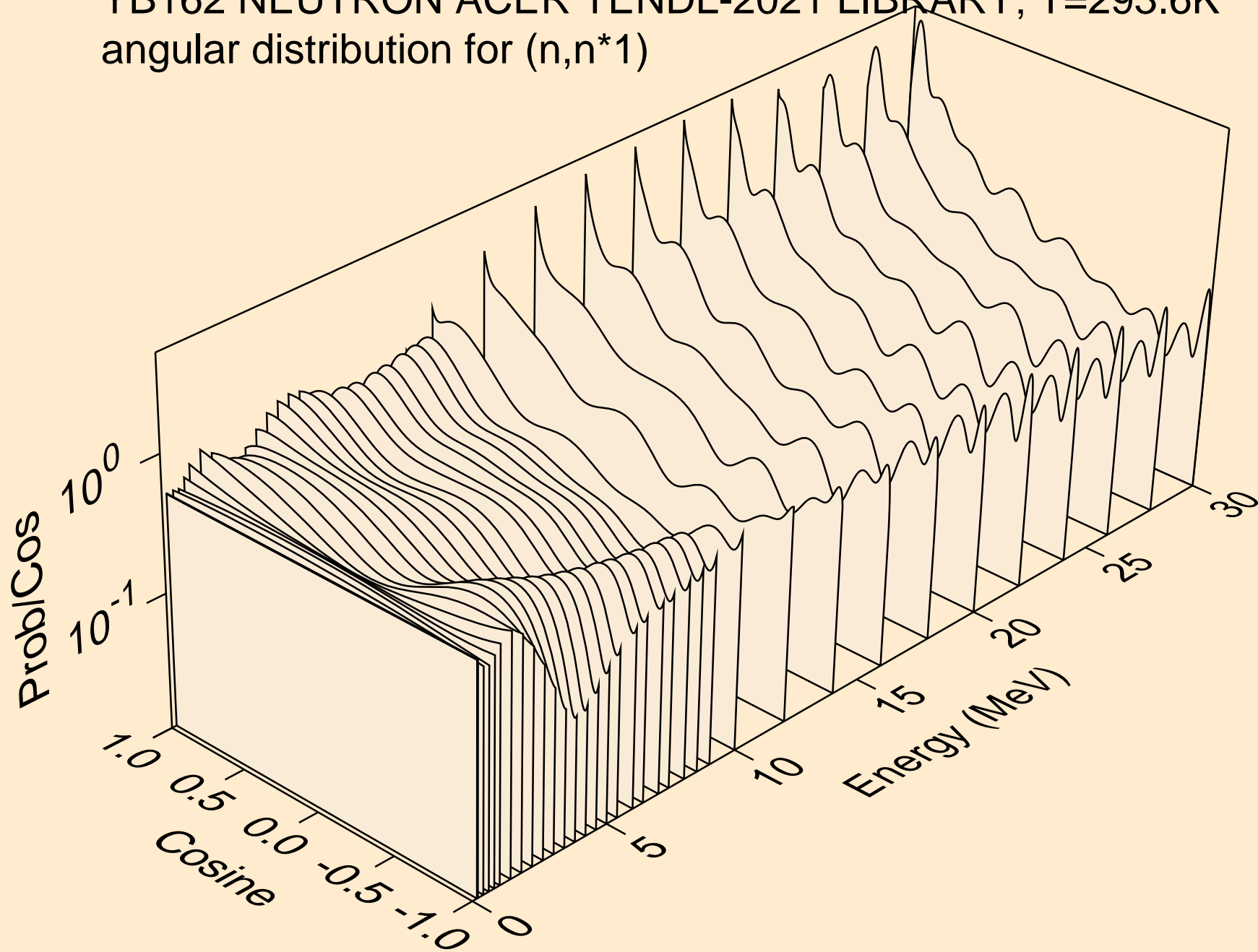
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

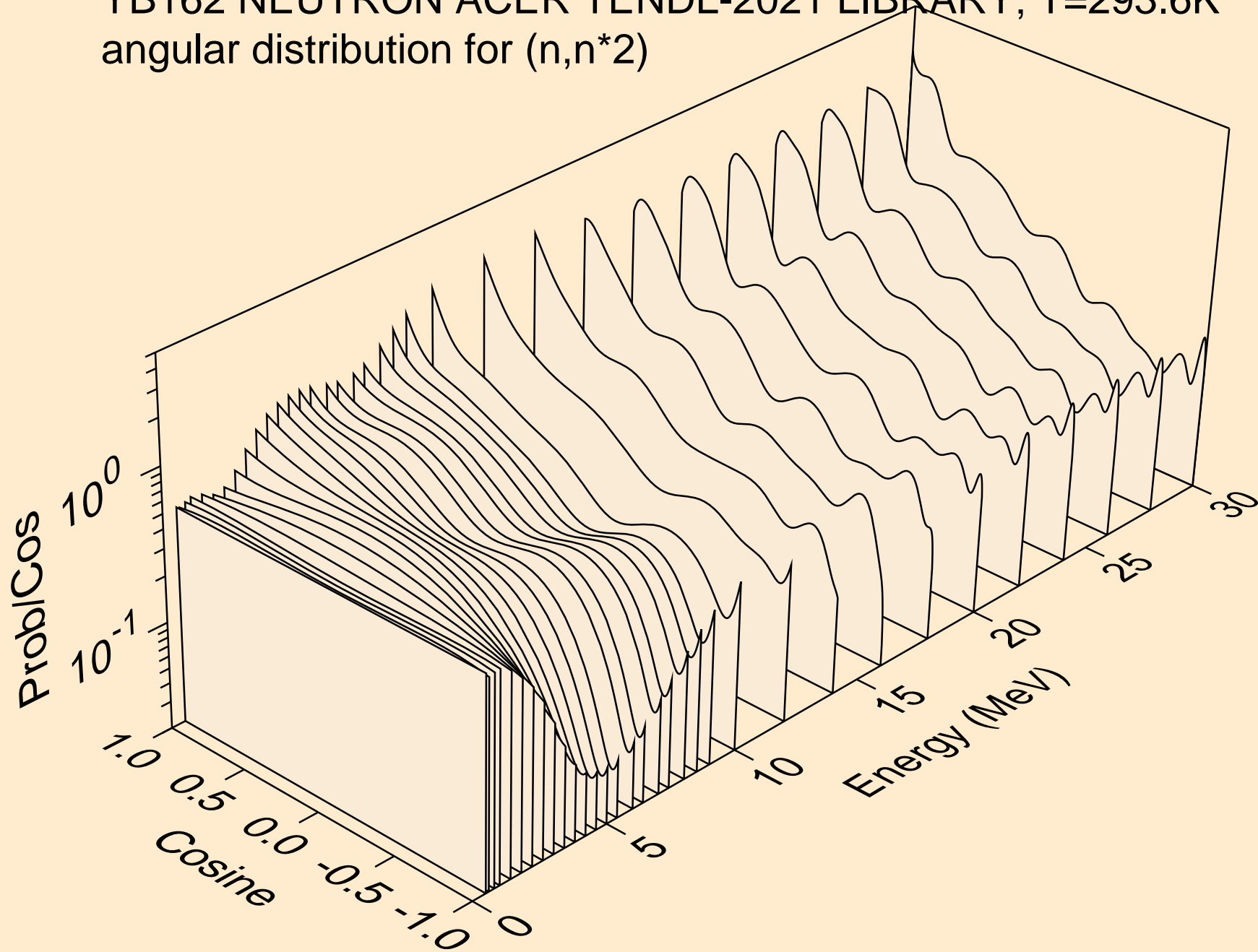


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

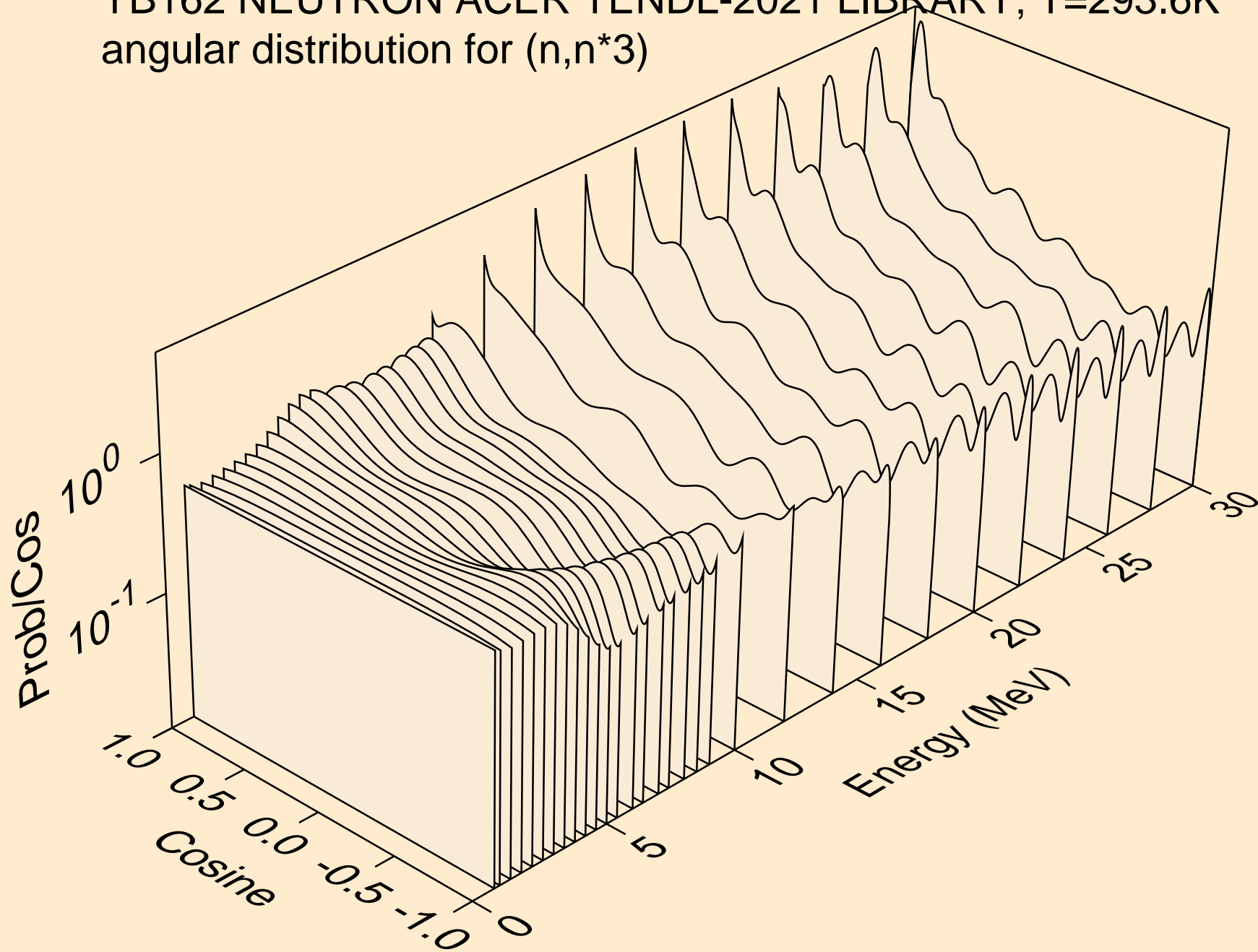




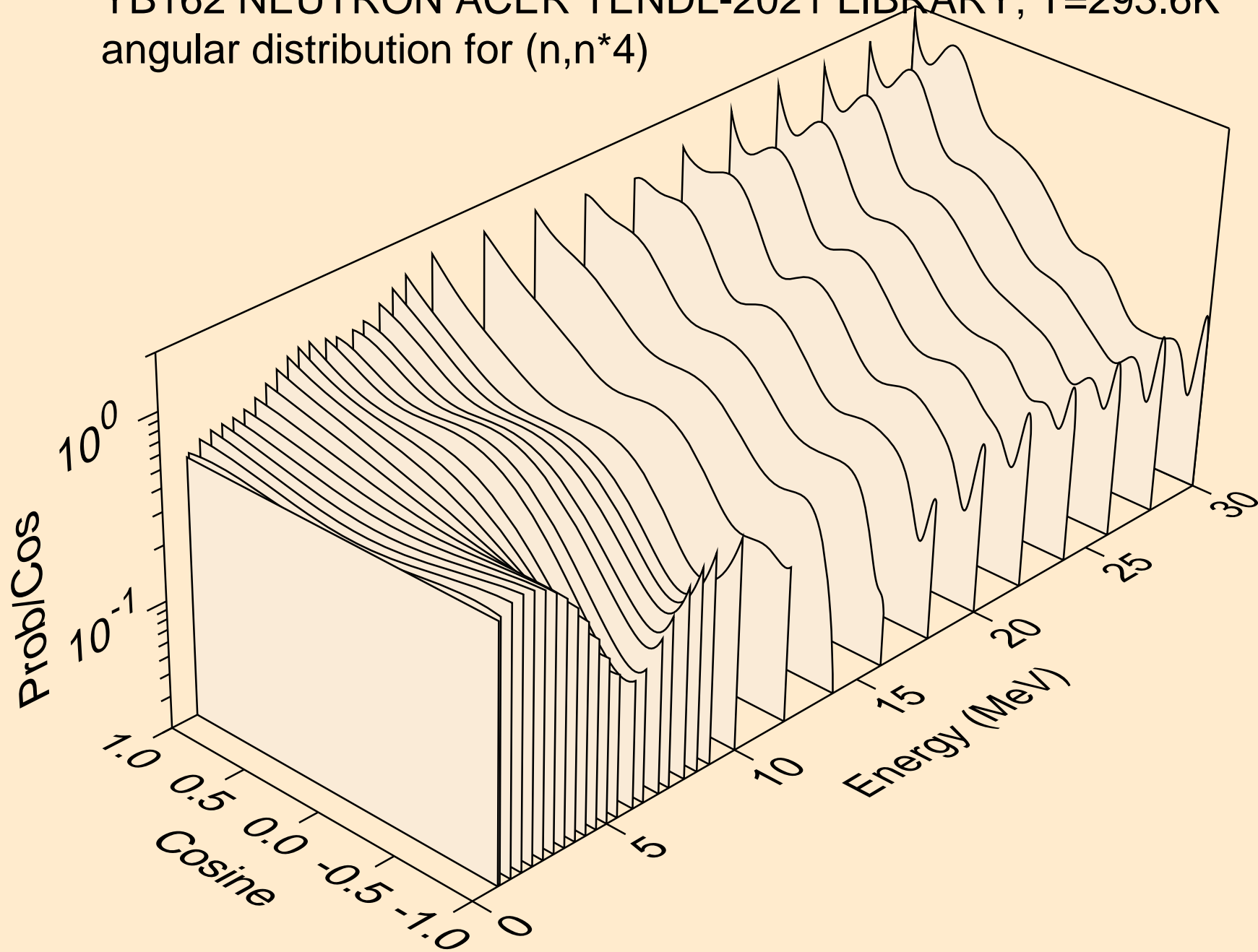
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



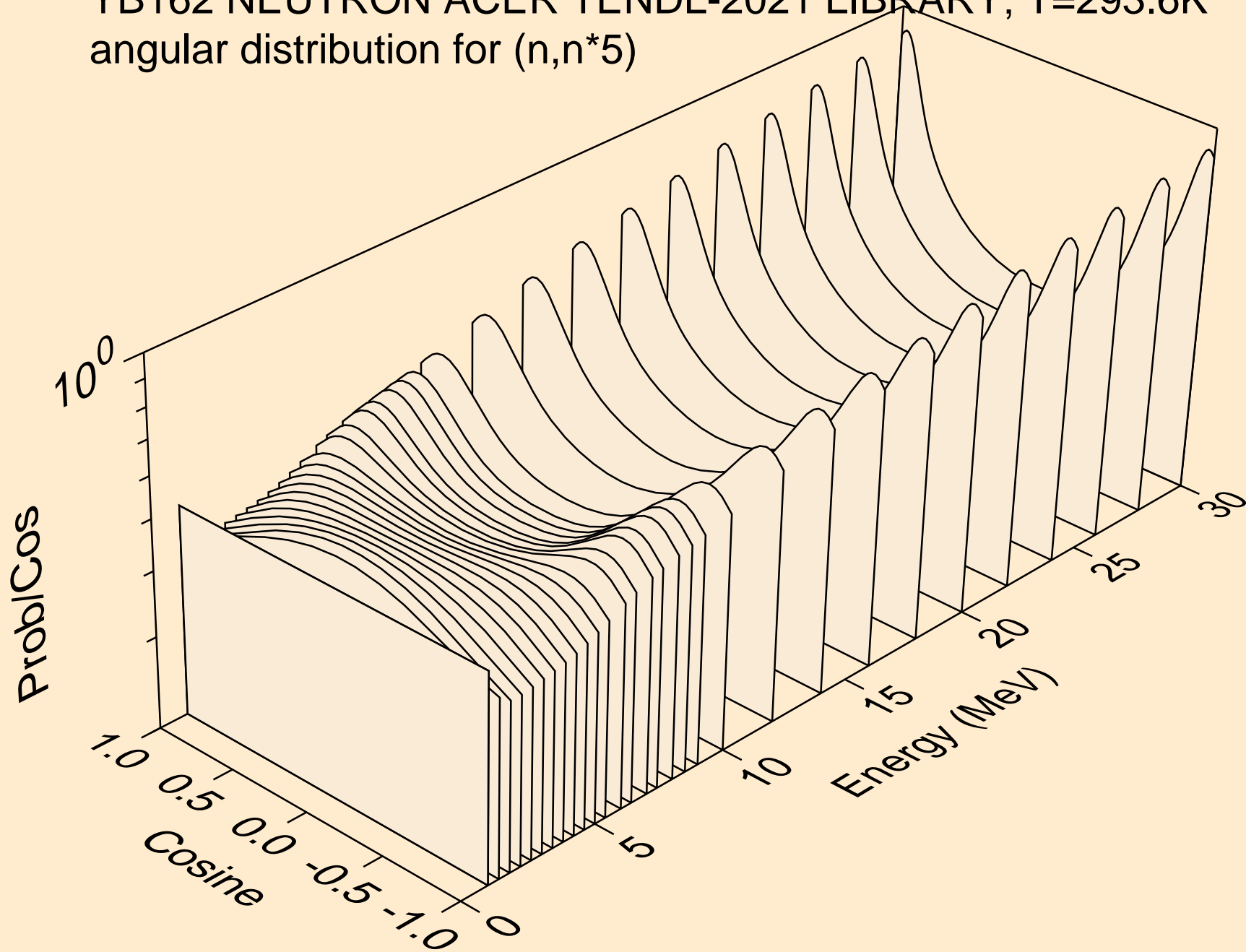
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



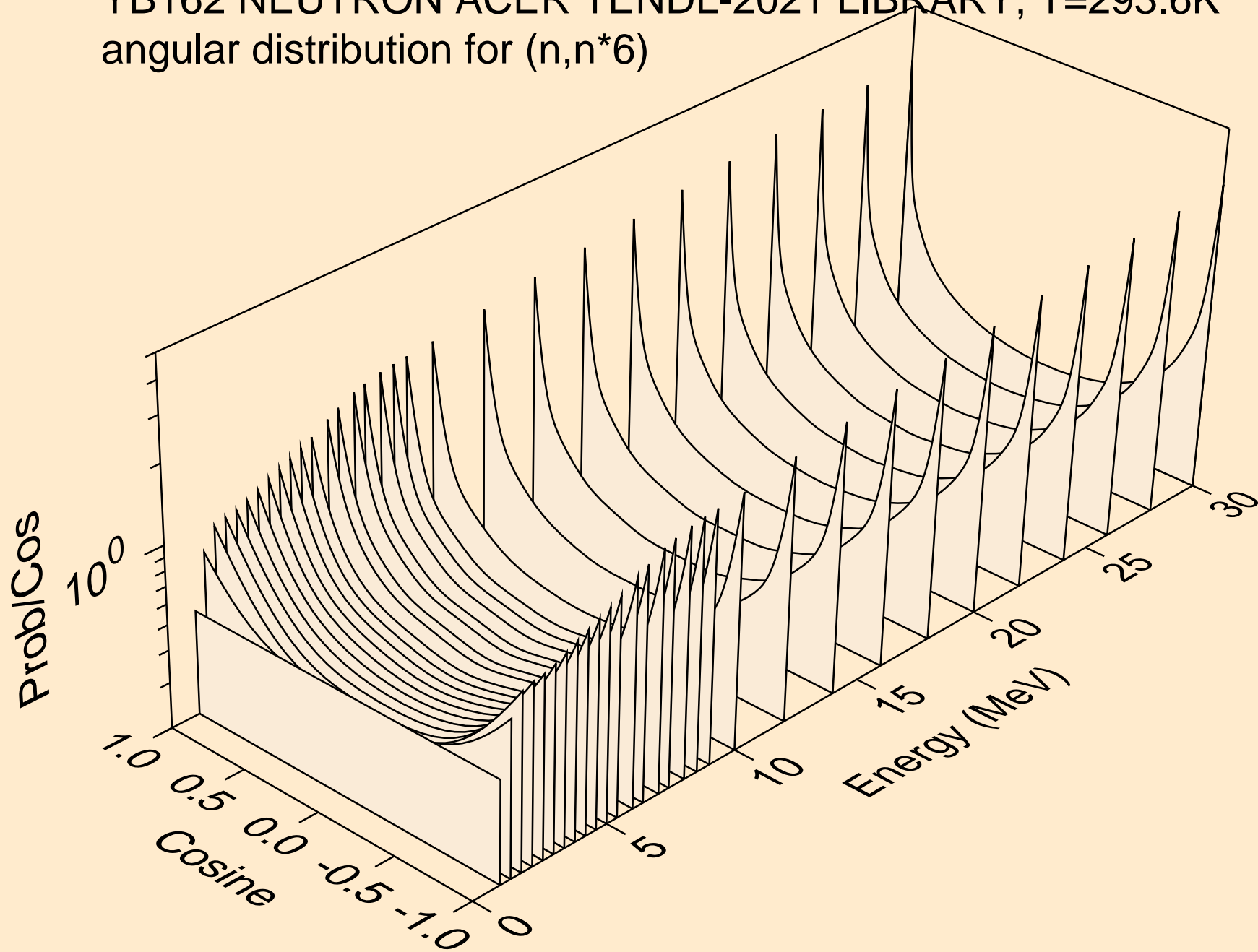
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



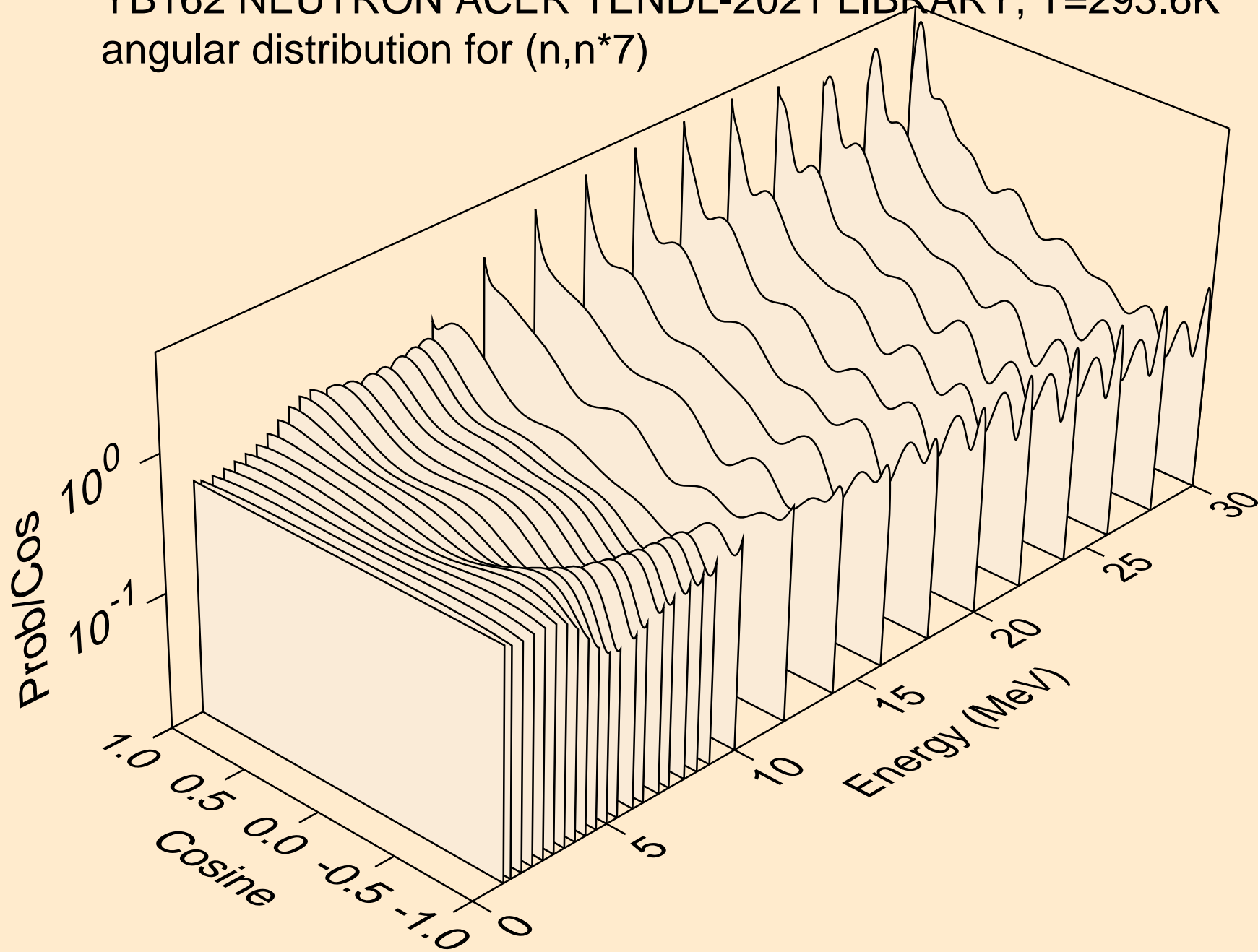
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



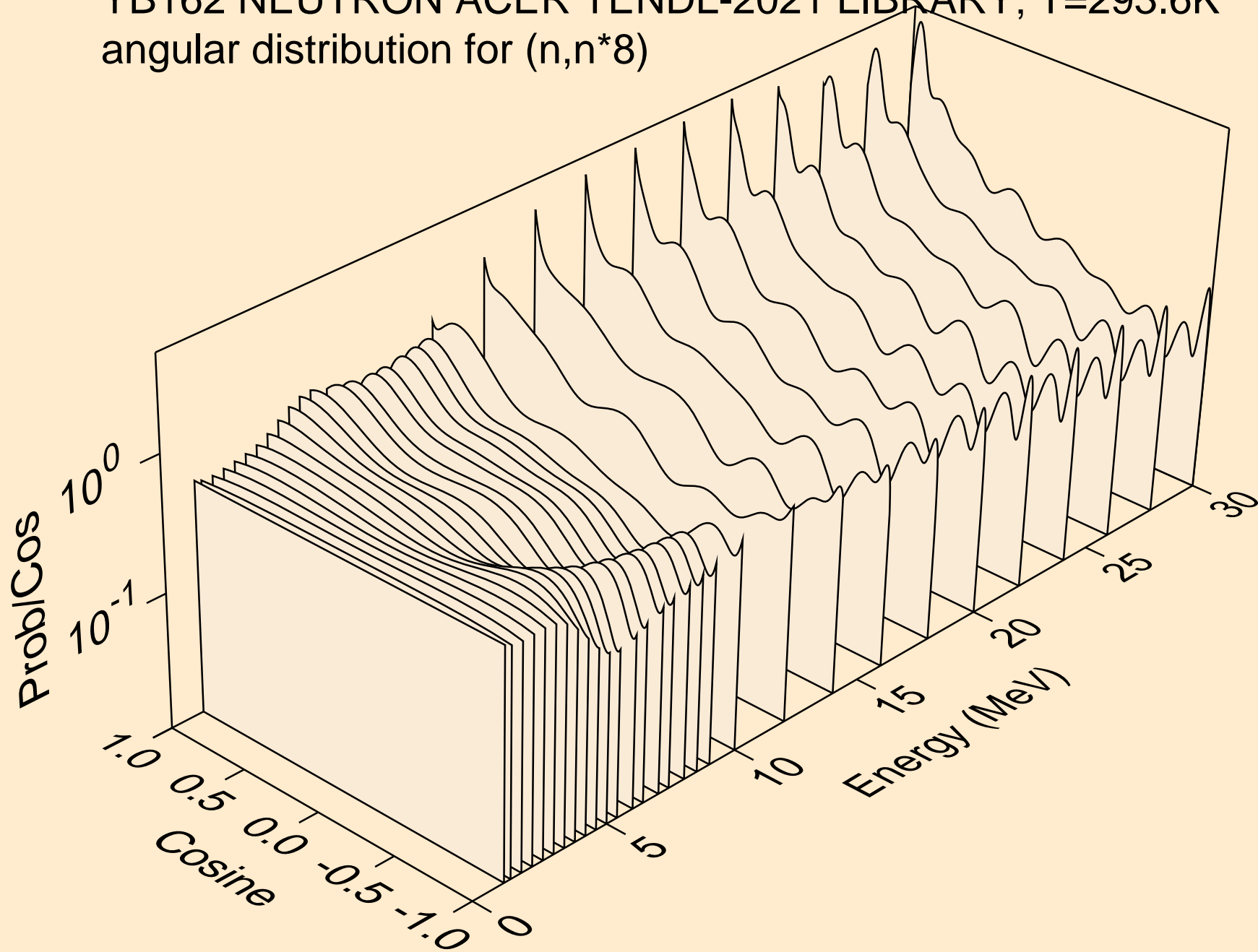
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angular distribution for (n,n\*6)



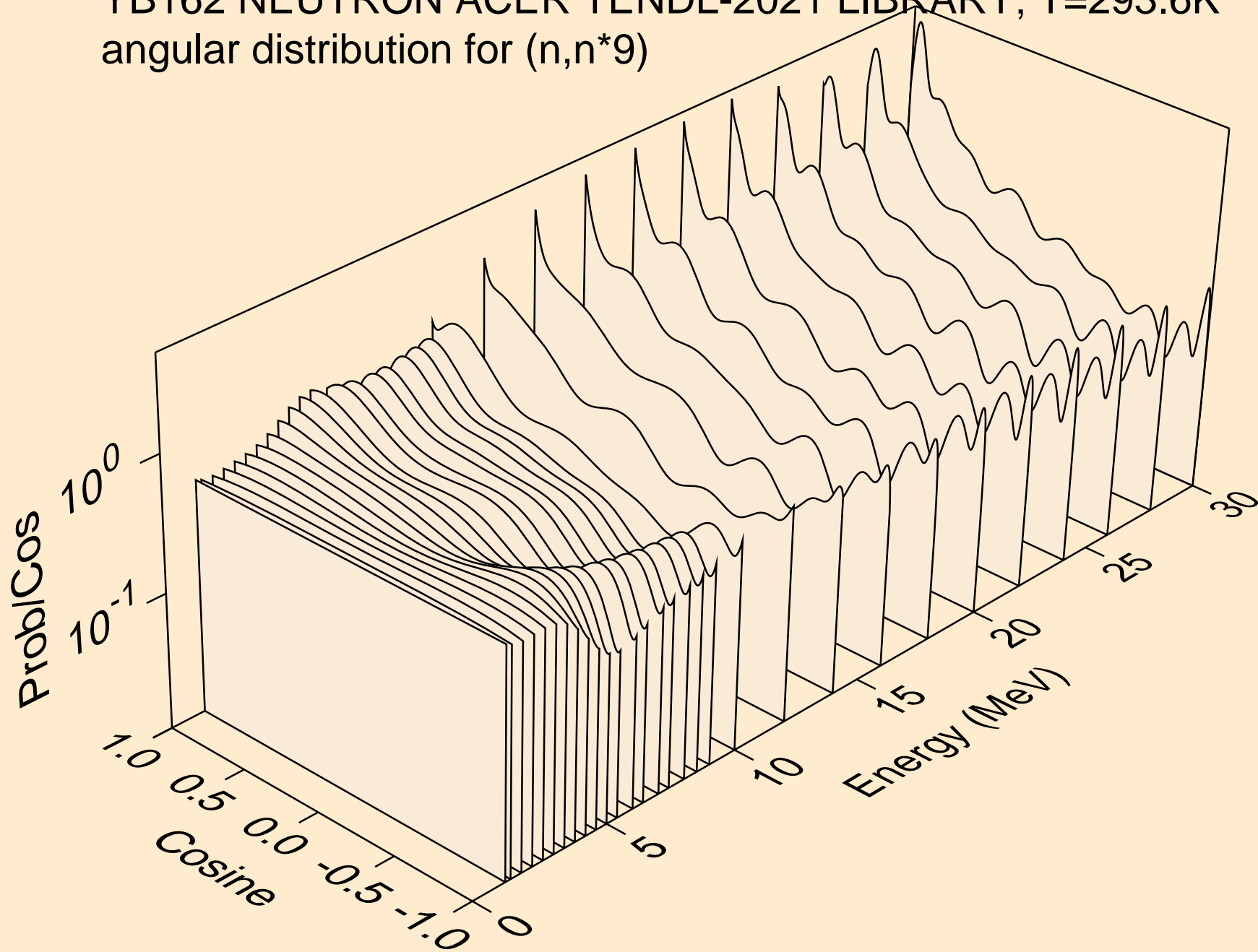
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

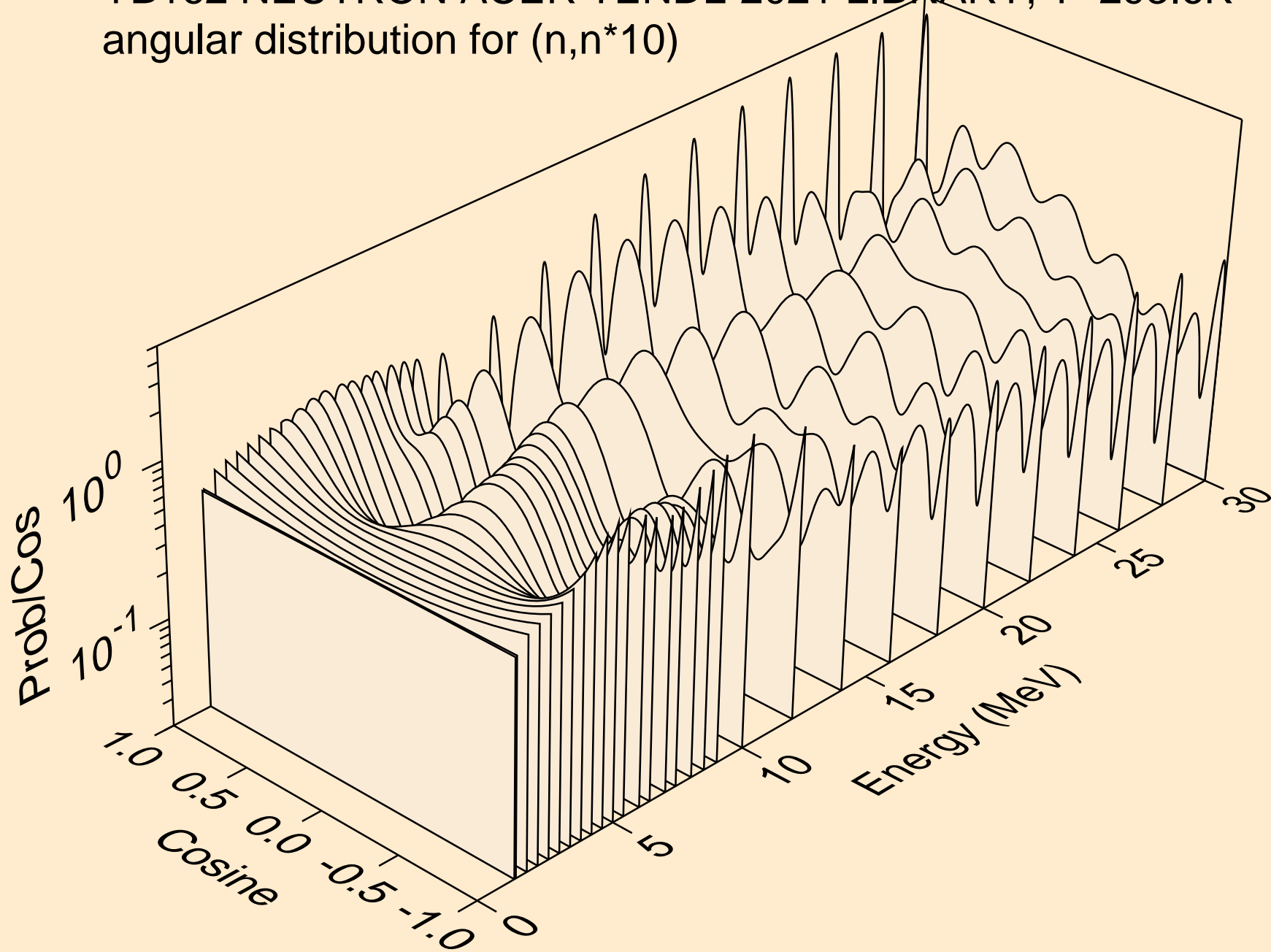


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

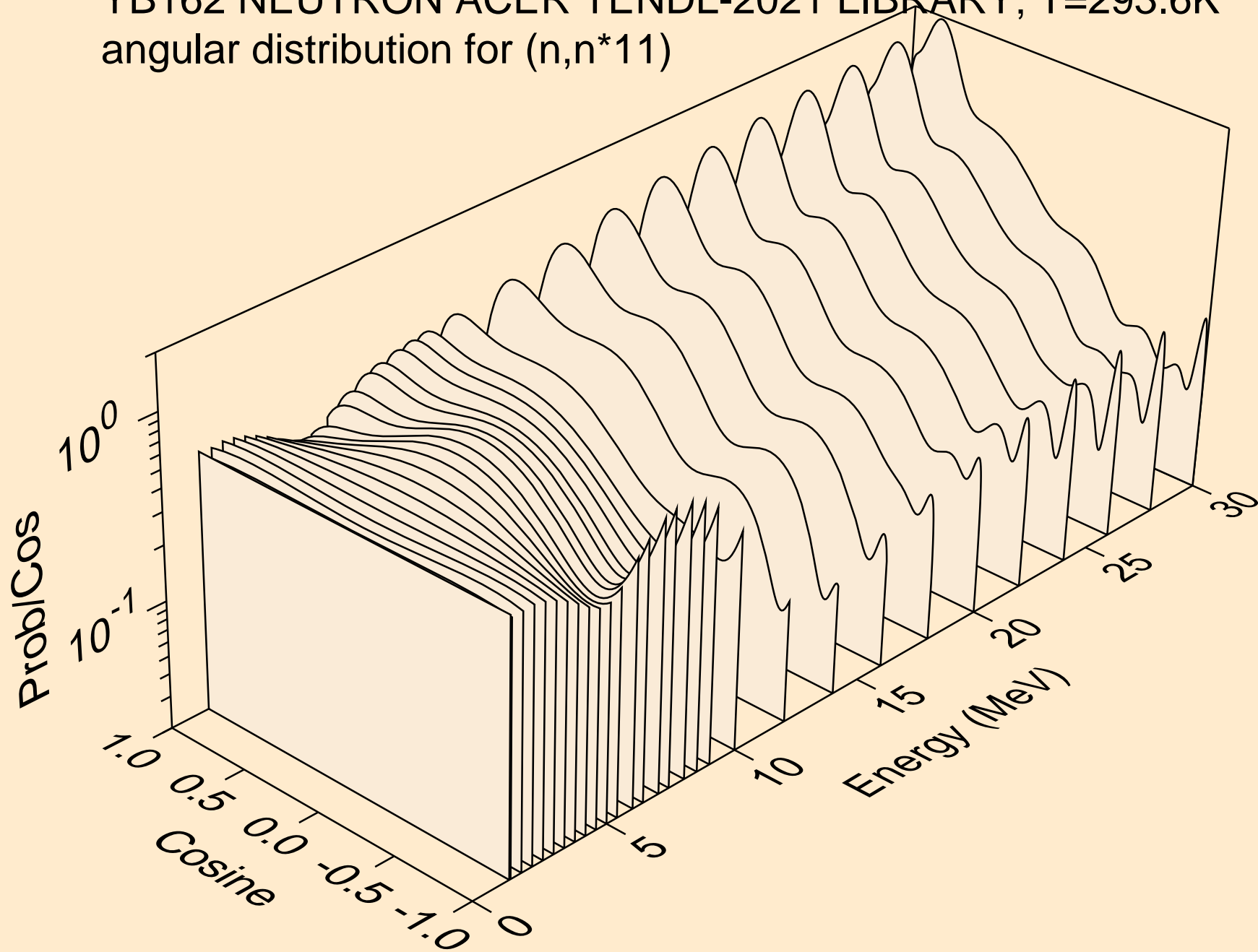




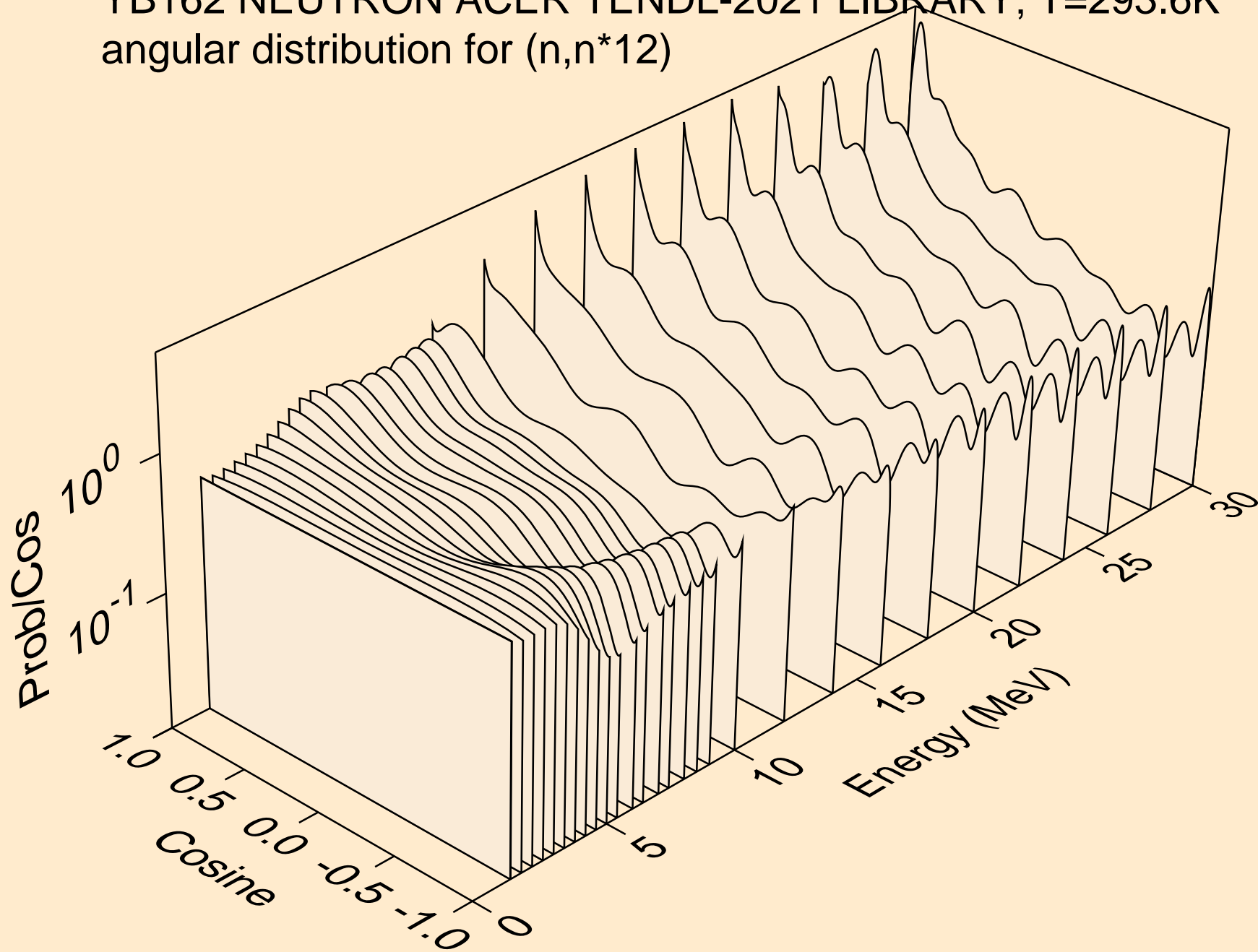
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angular distribution for (n,n\*10)



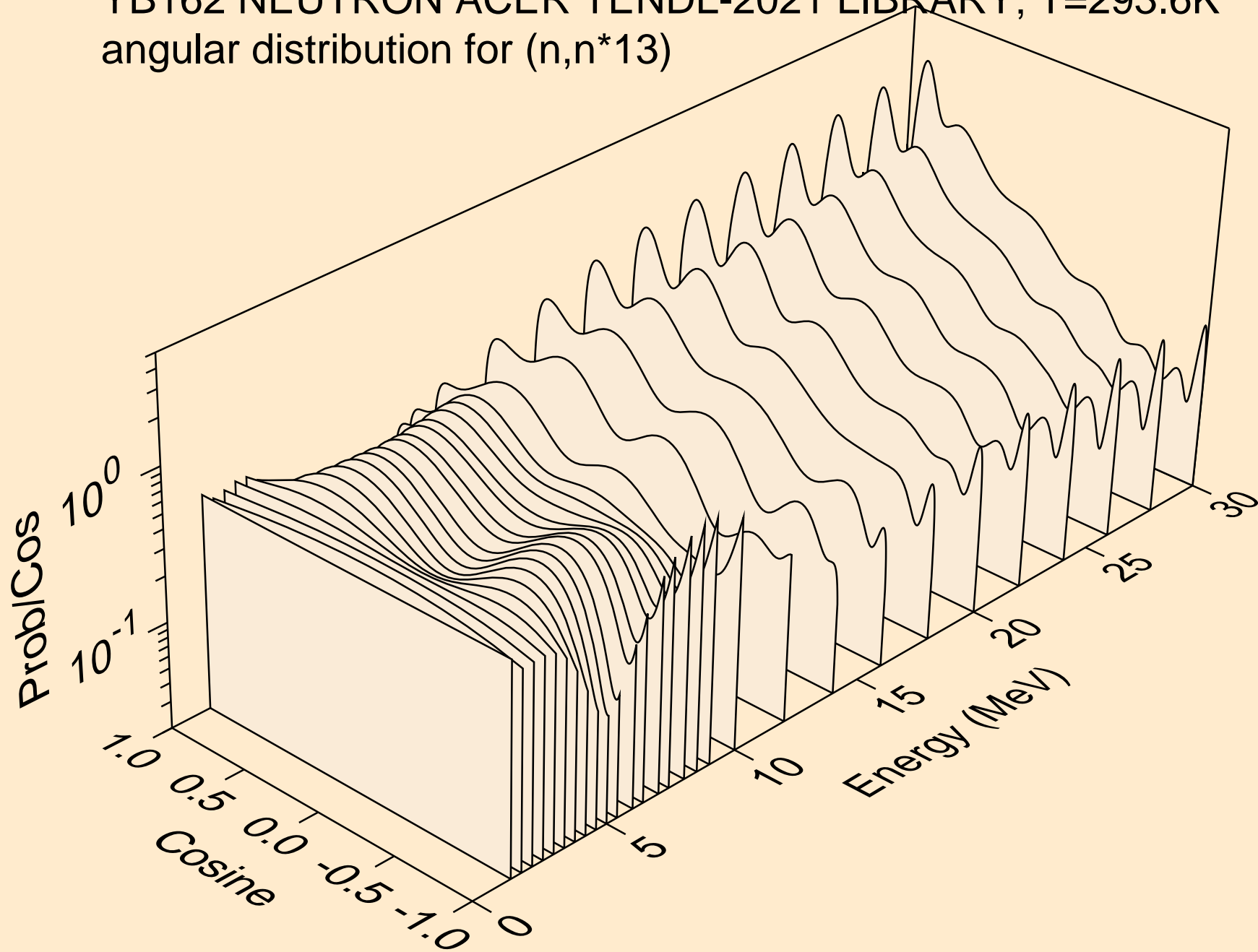
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angular distribution for (n,n\*11)



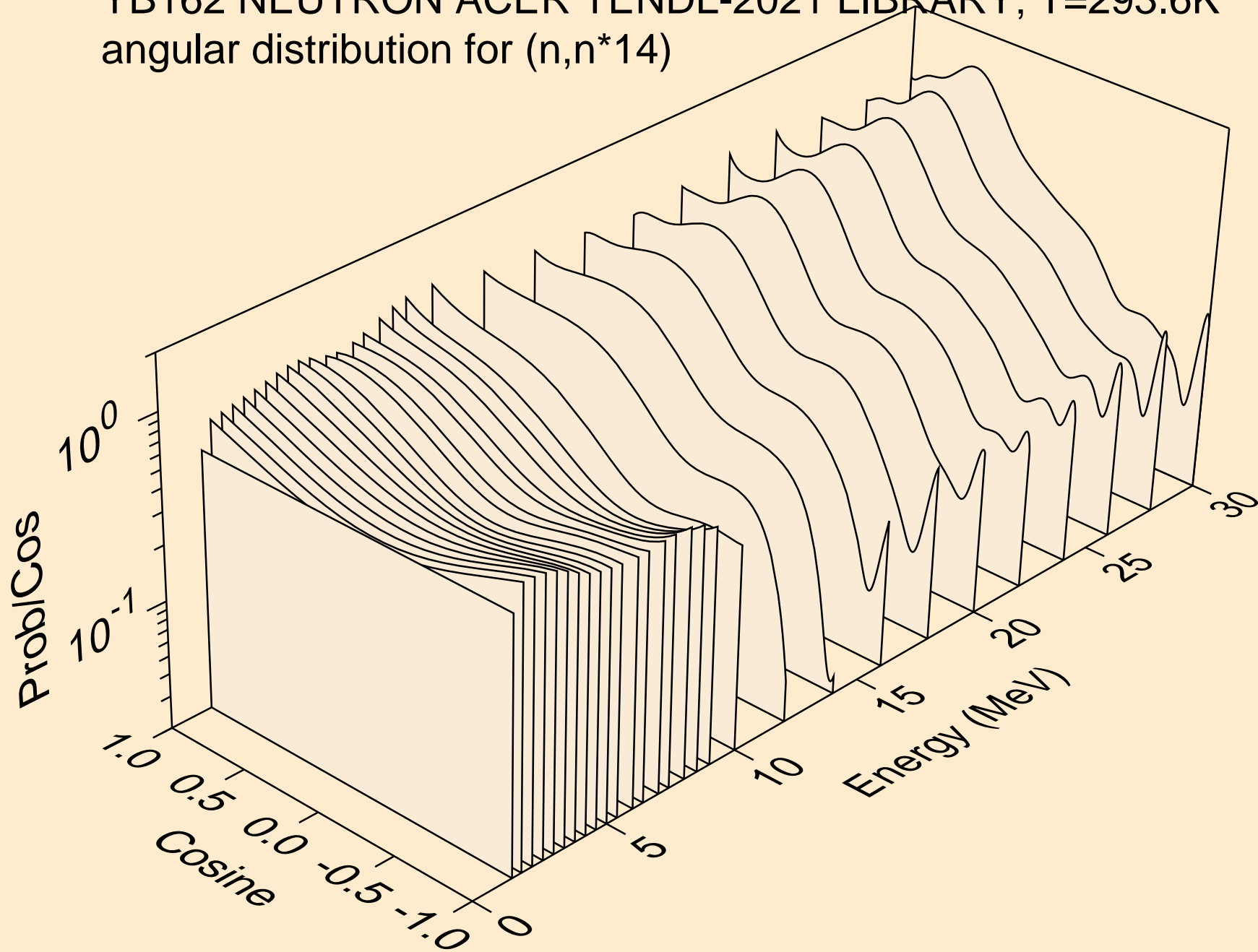
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angular distribution for (n,n\*12)



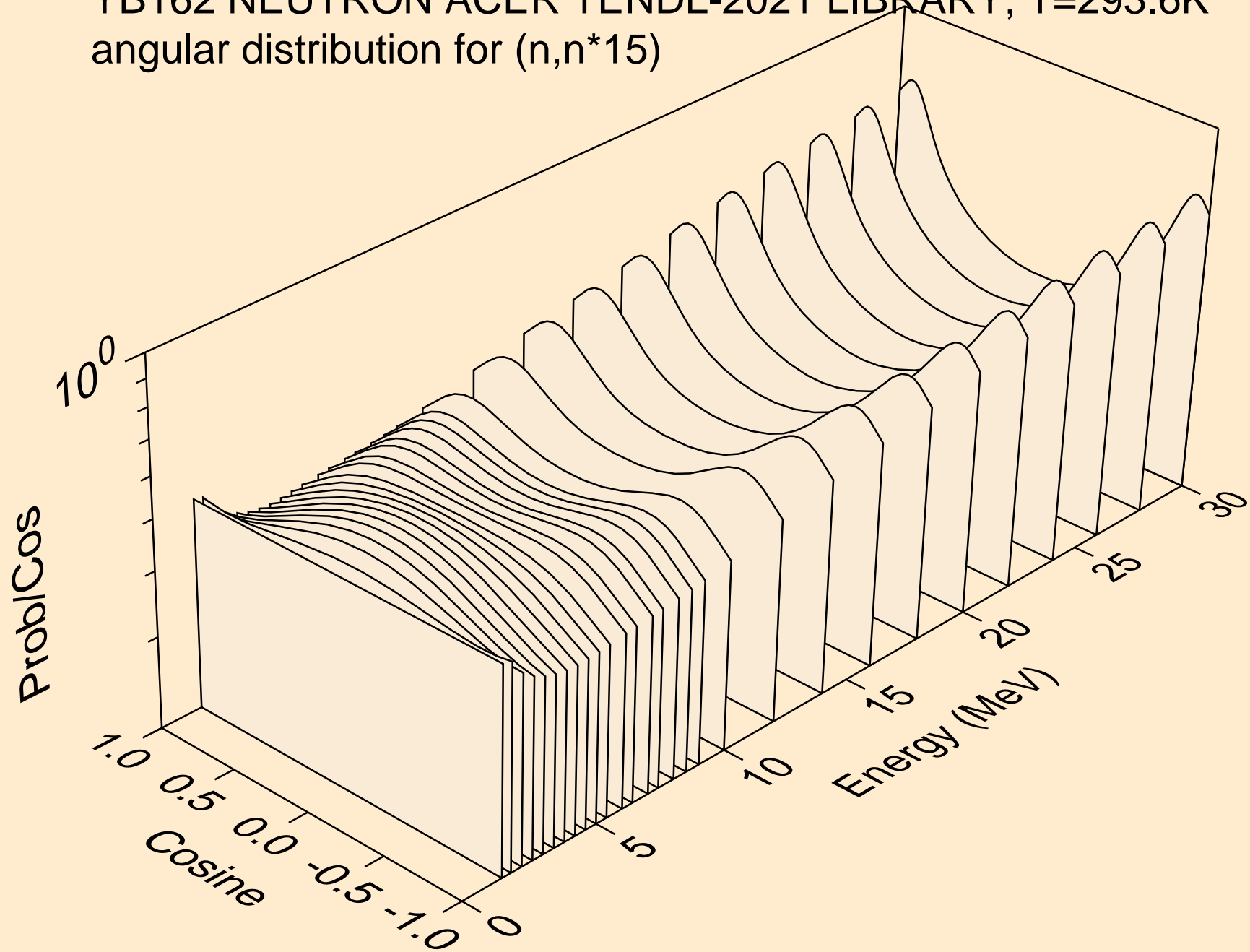
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



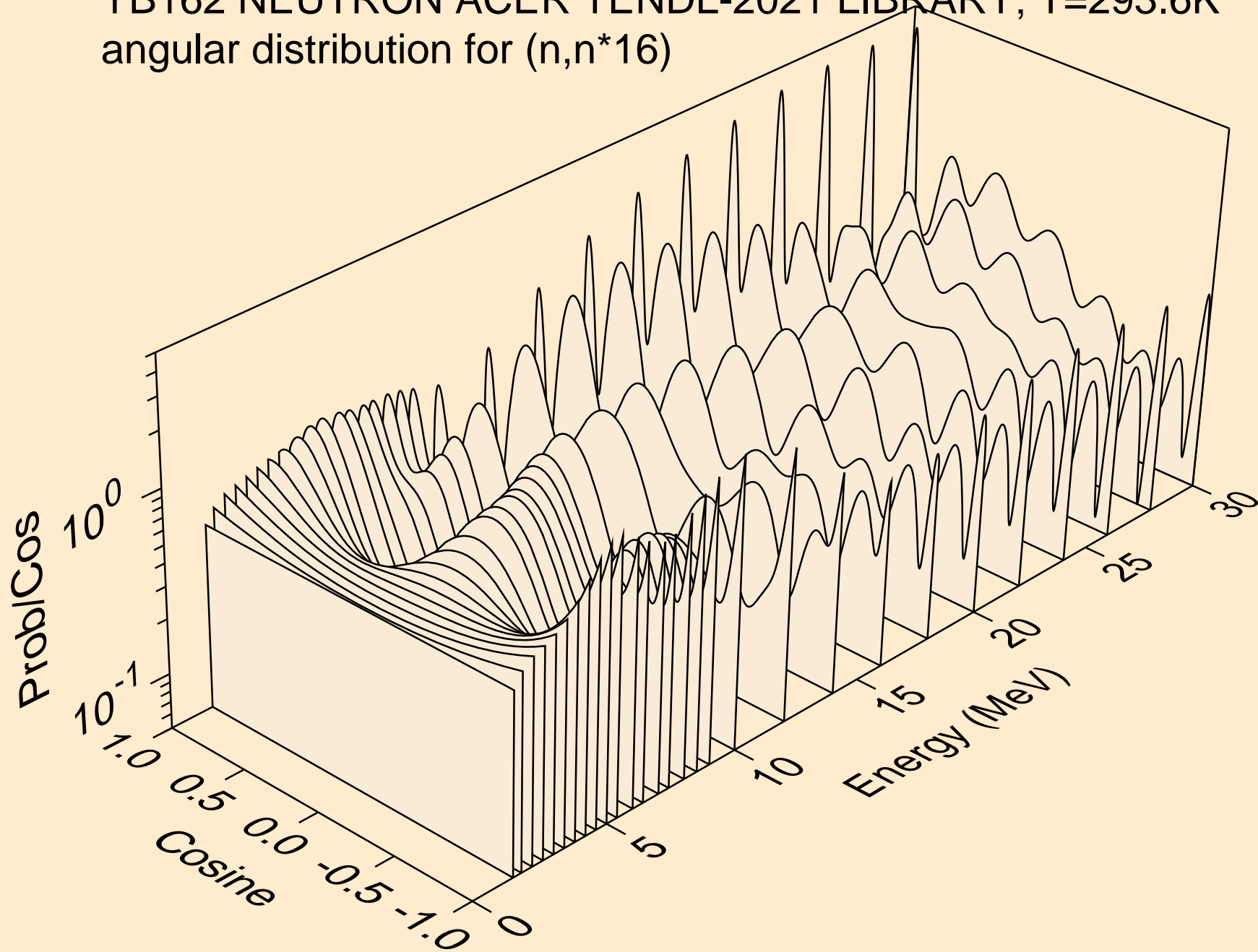
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angular distribution for (n,n\*14)



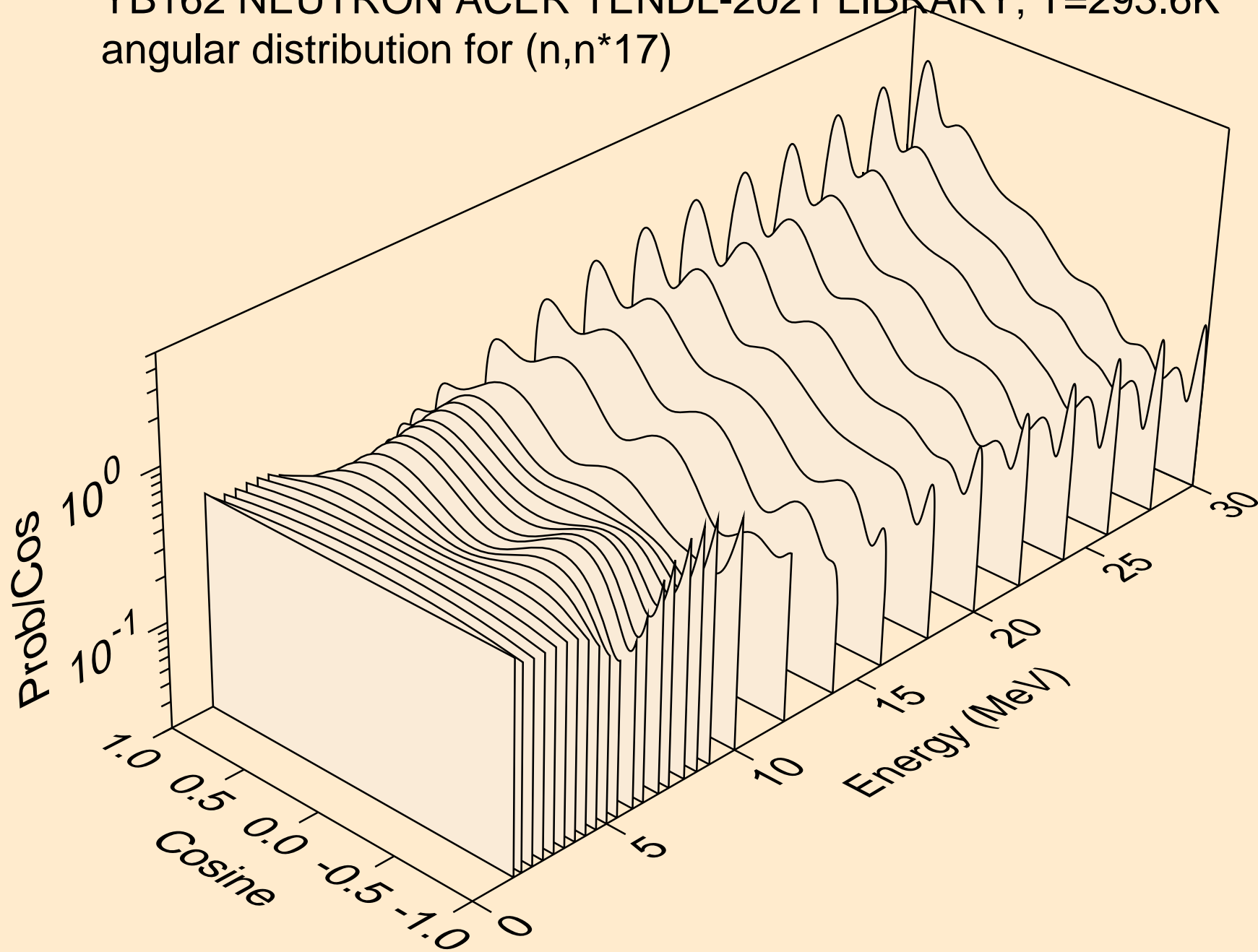
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

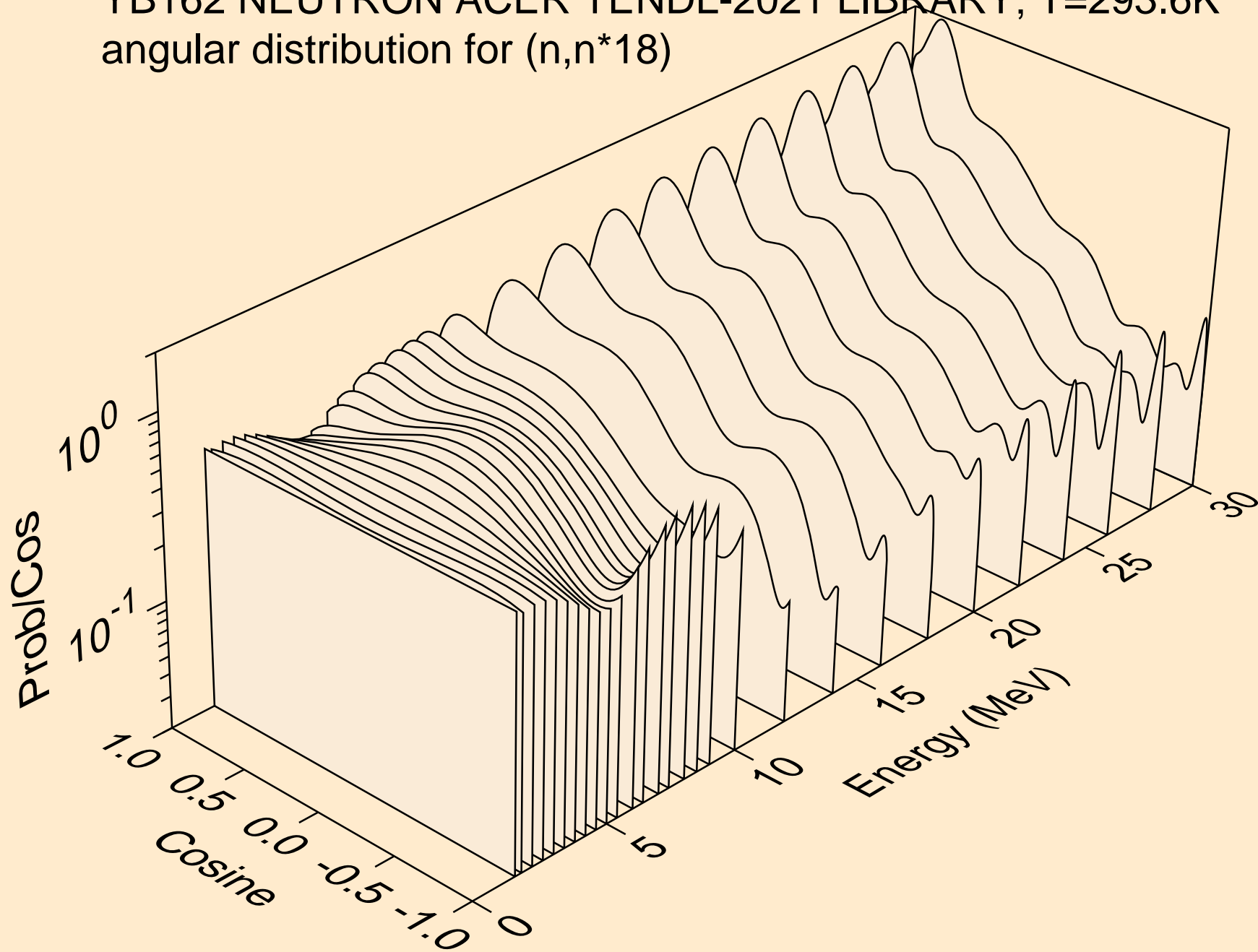


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

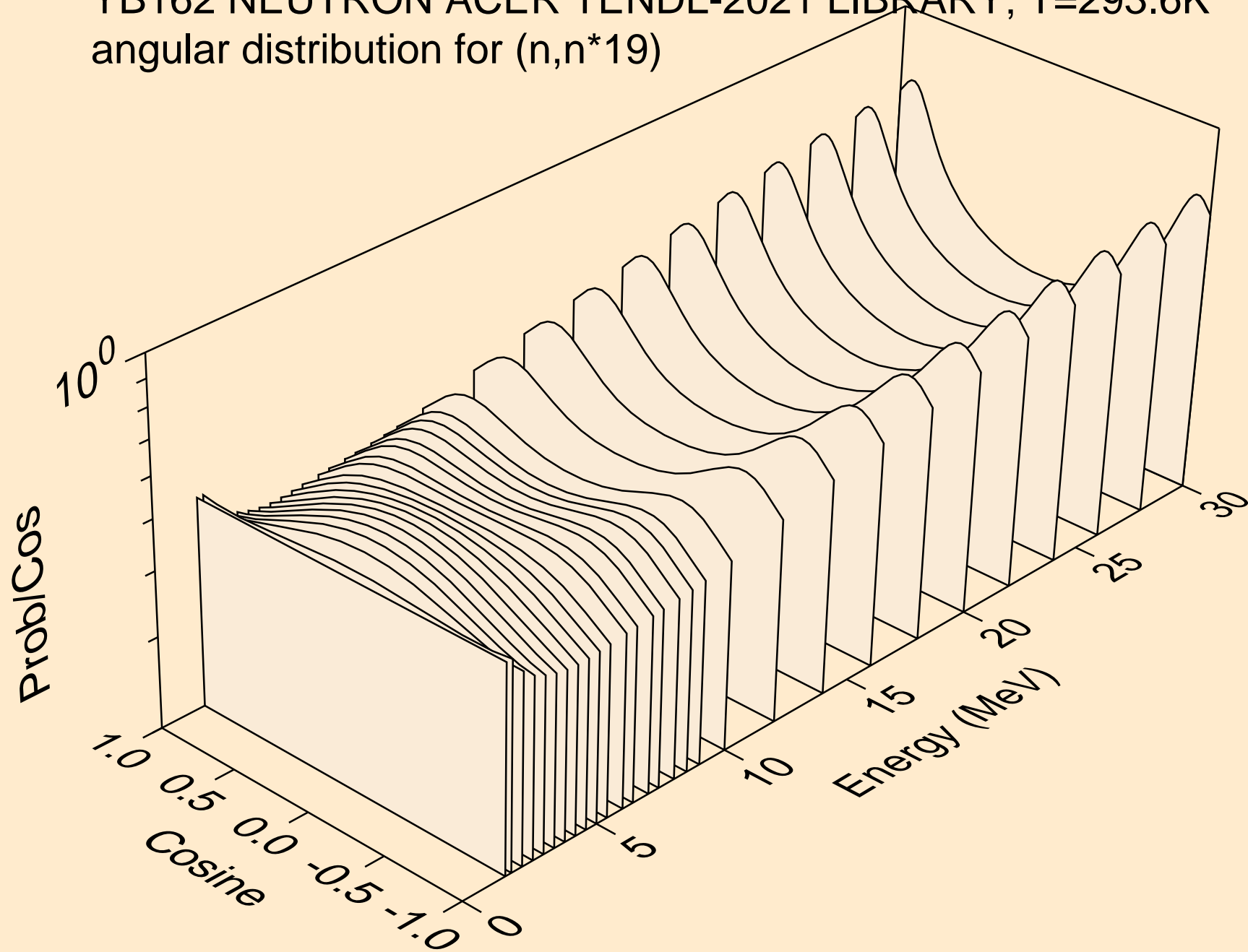




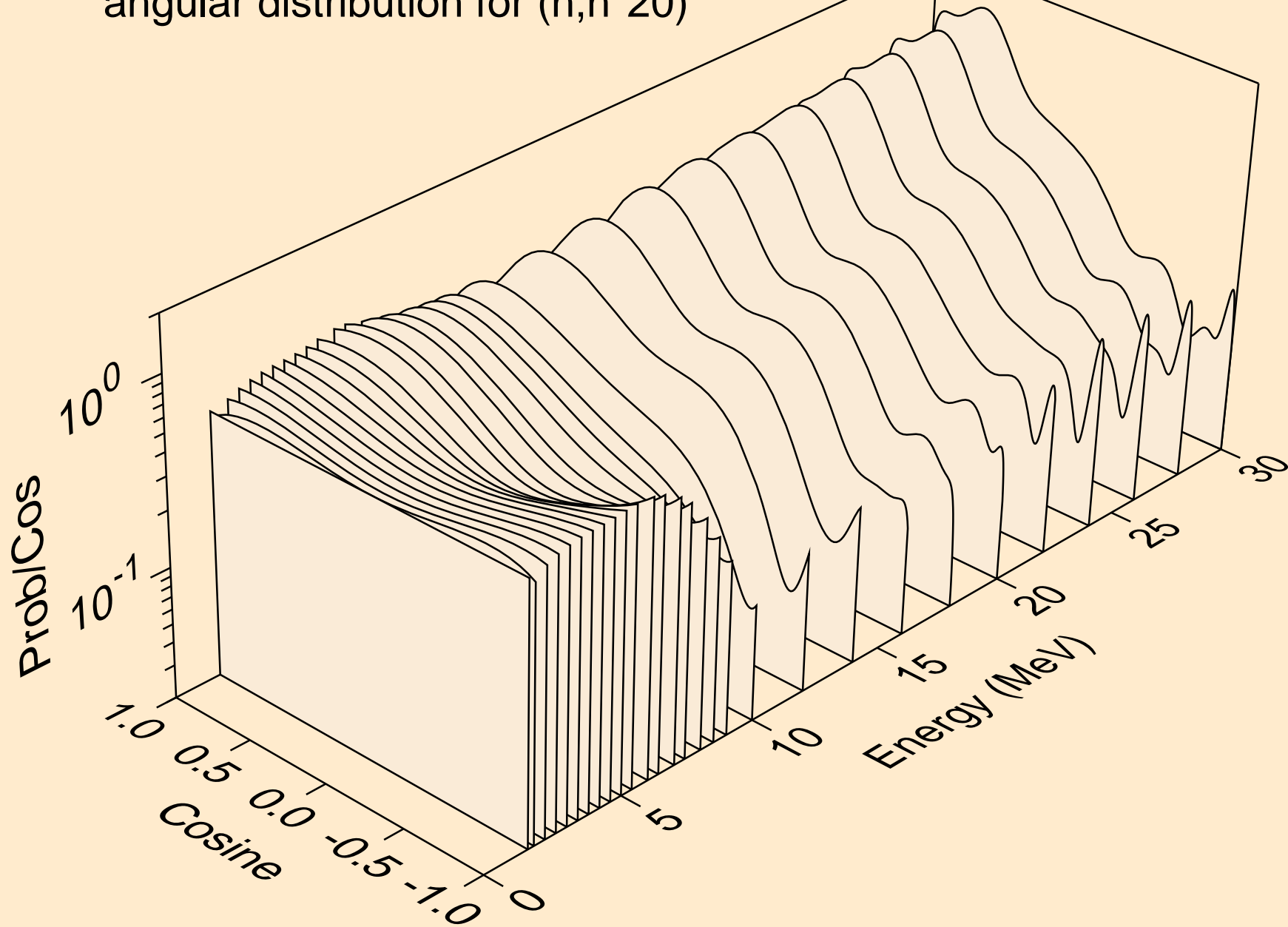
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angular distribution for (n,n\*18)



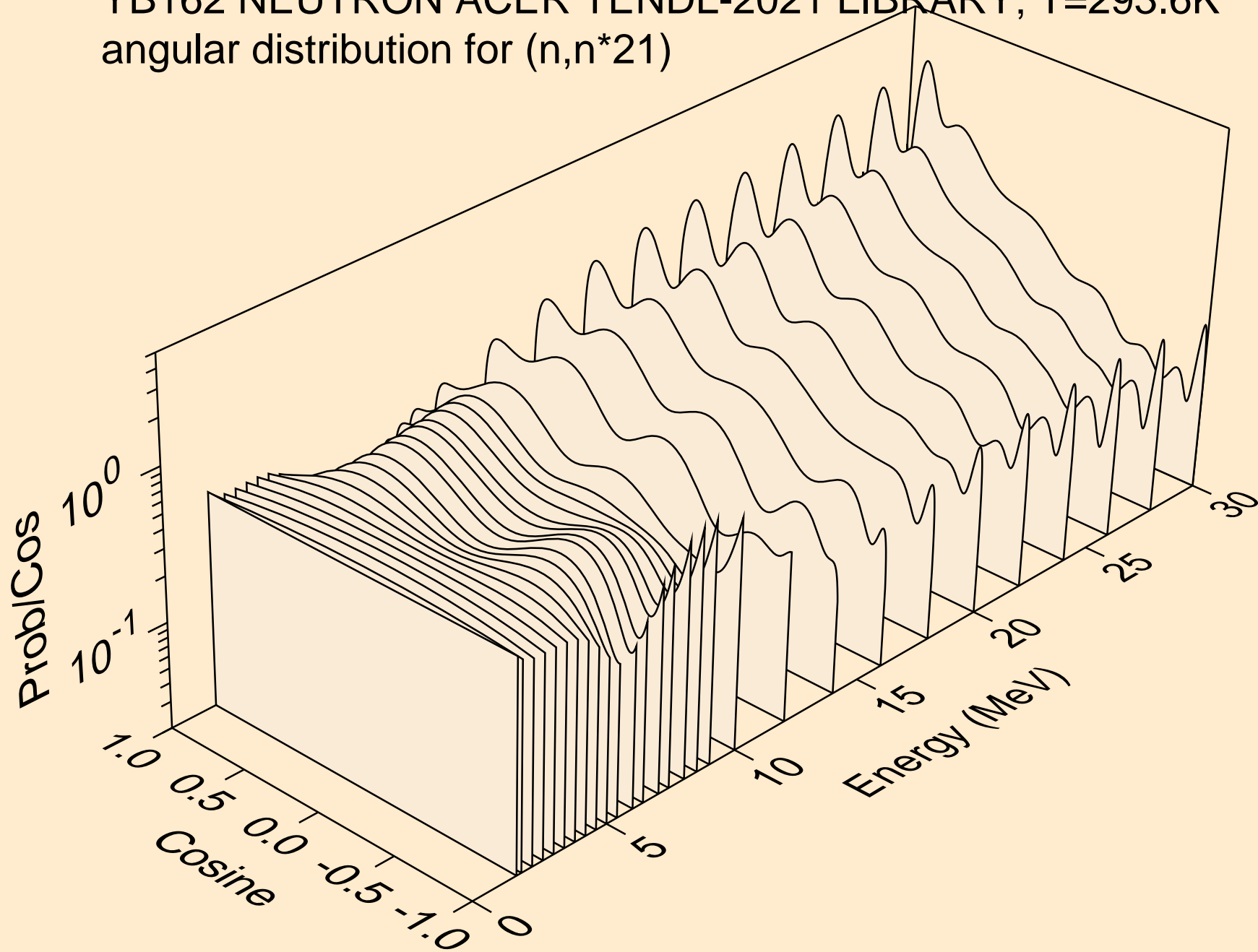
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angular distribution for (n,n\*19)



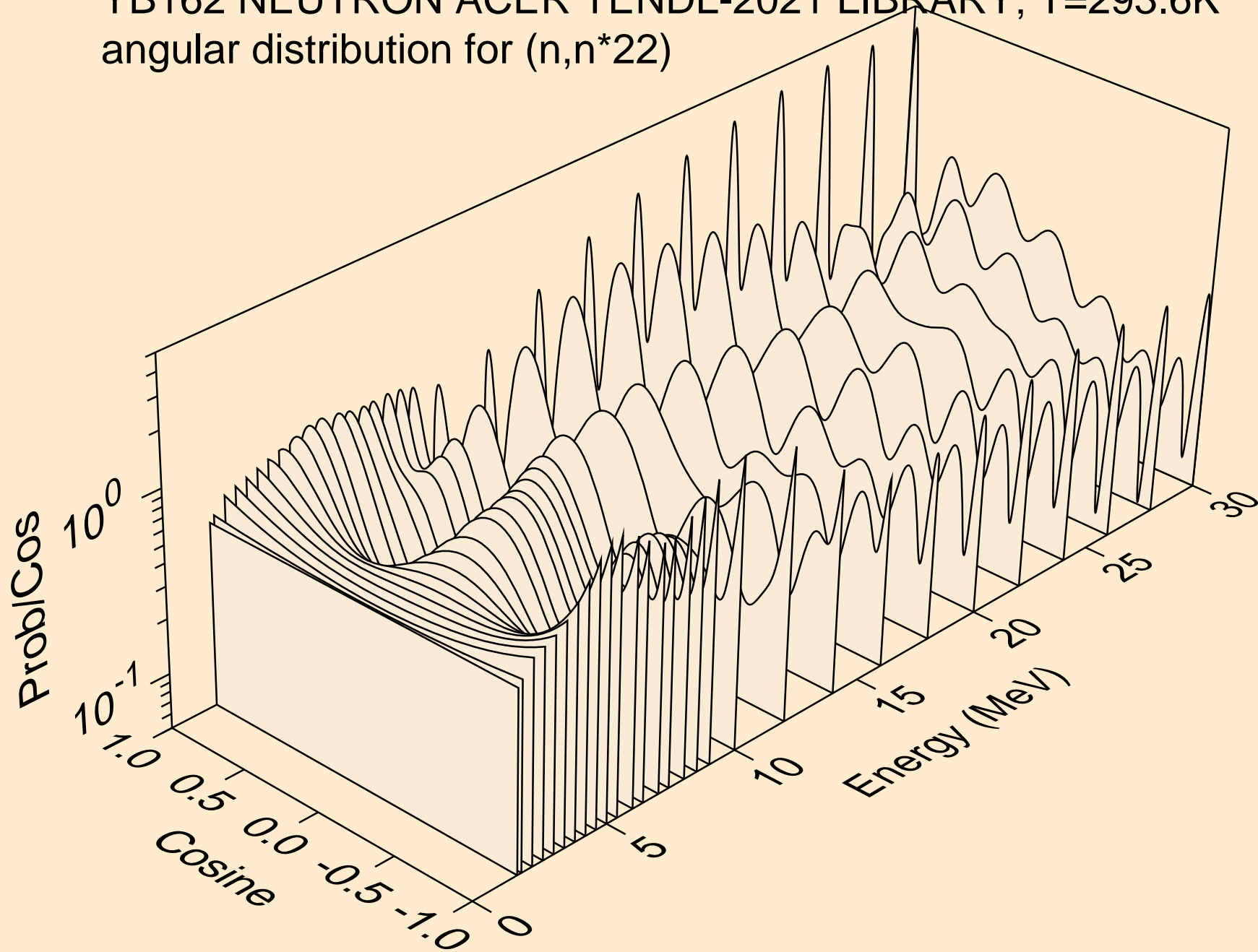
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angular distribution for (n,n\*20)



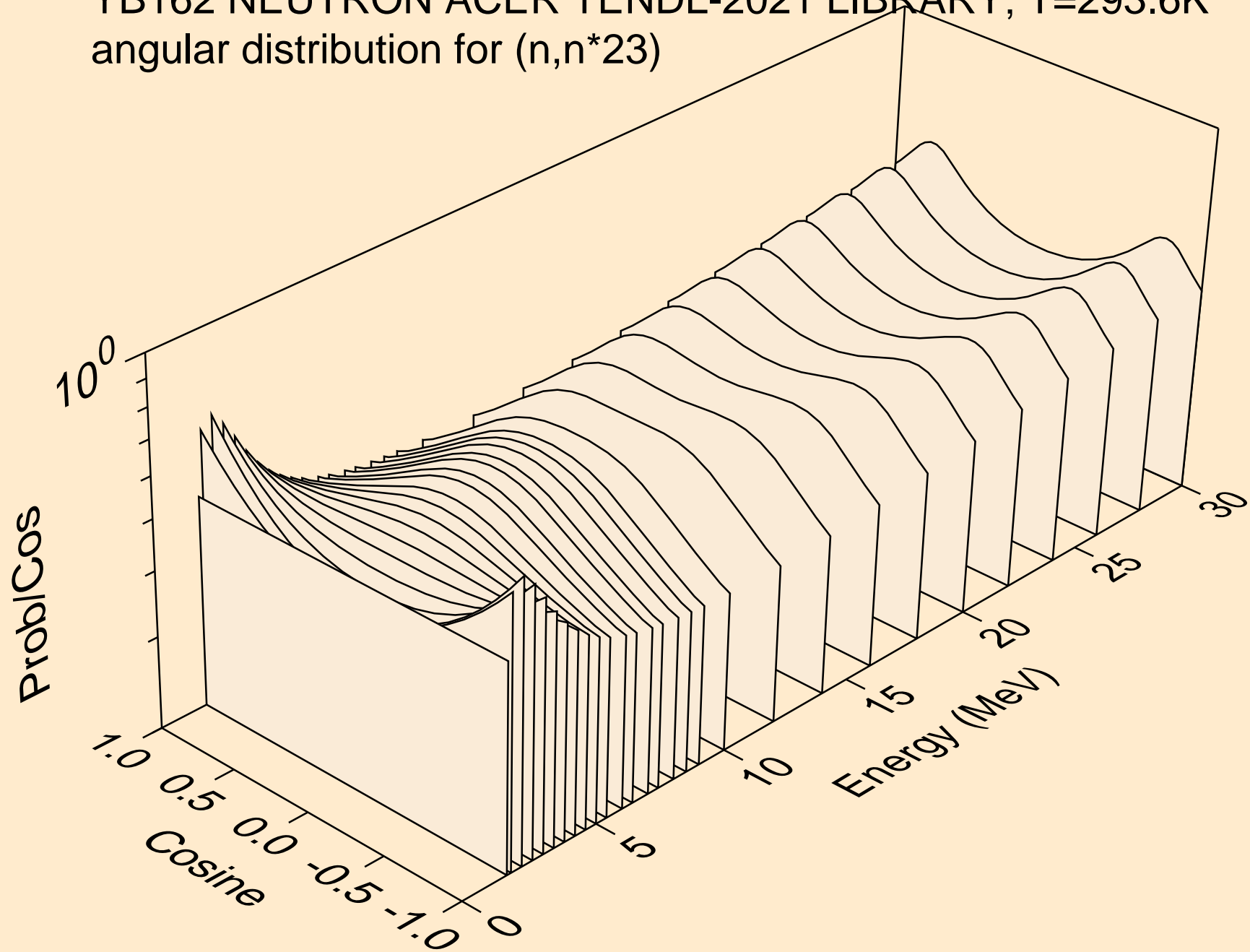
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angular distribution for (n,n\*21)



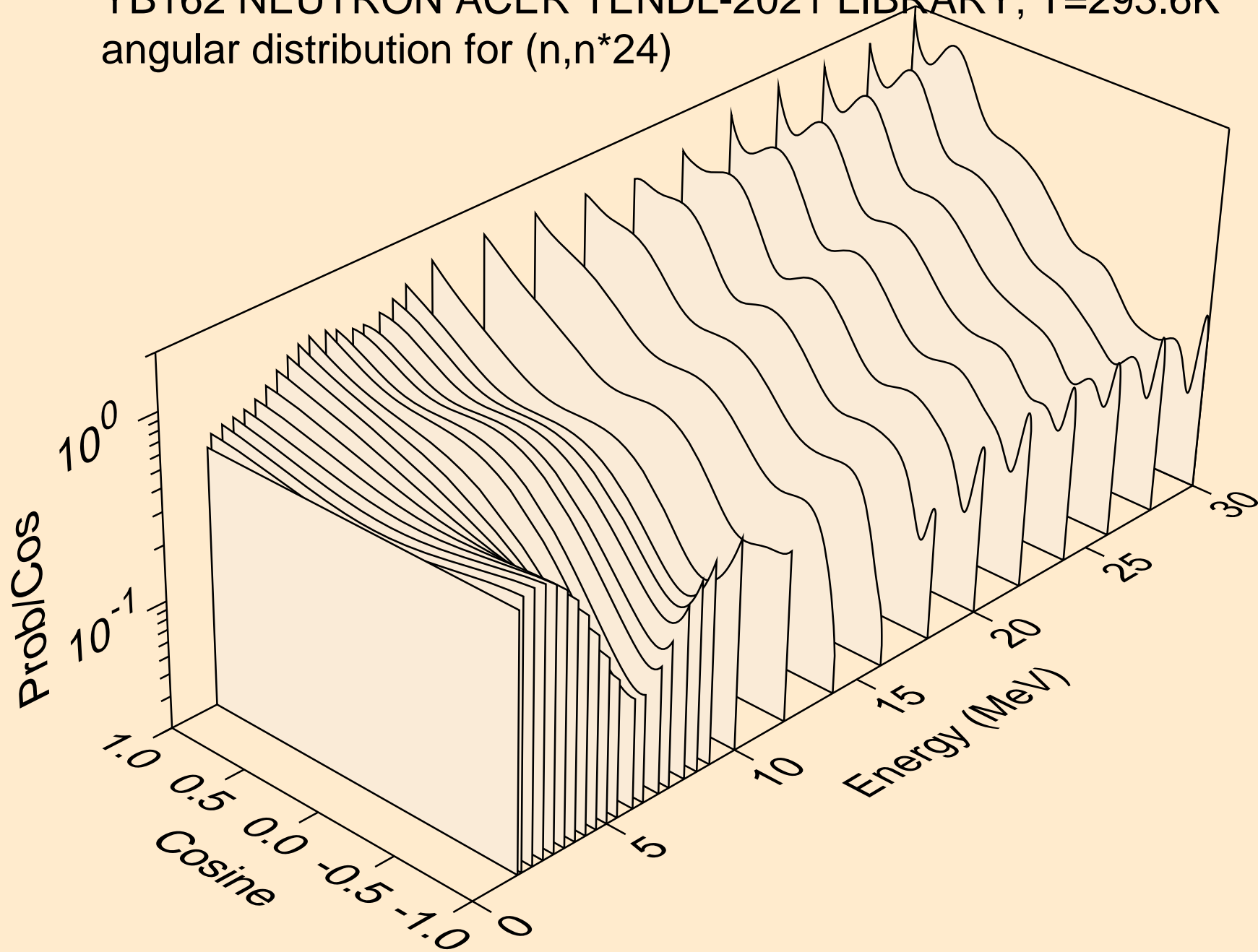
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angular distribution for (n,n\*22)



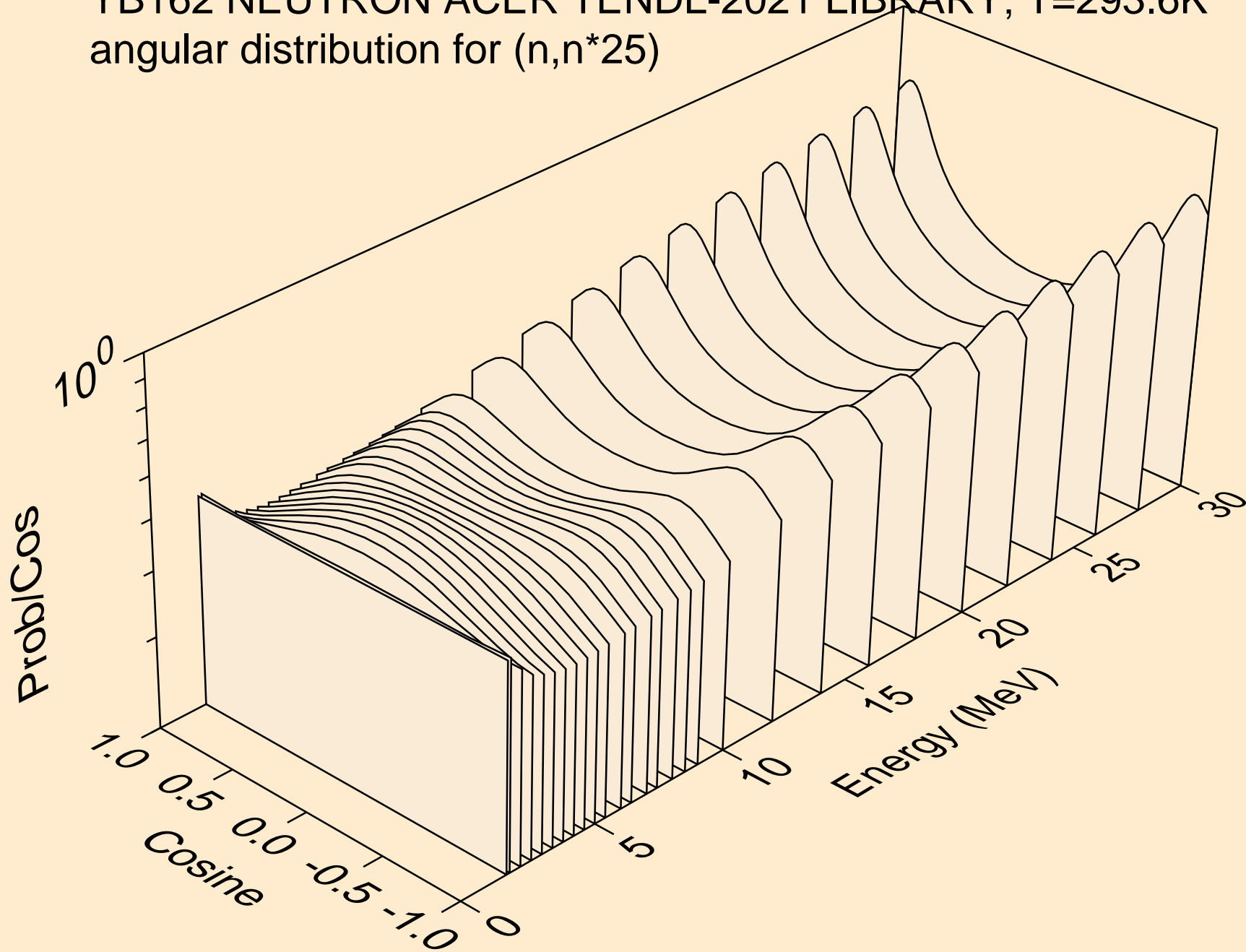
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

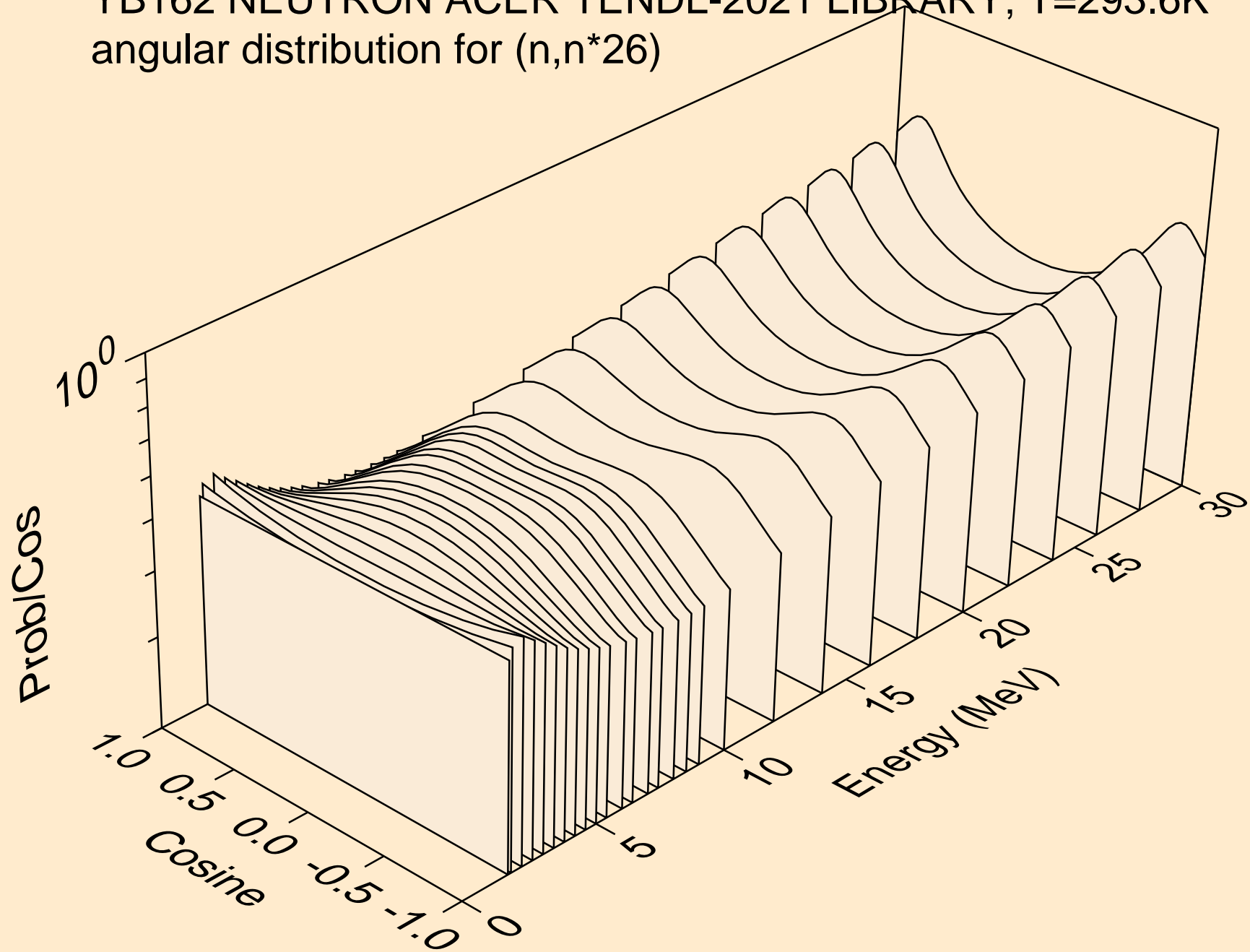


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

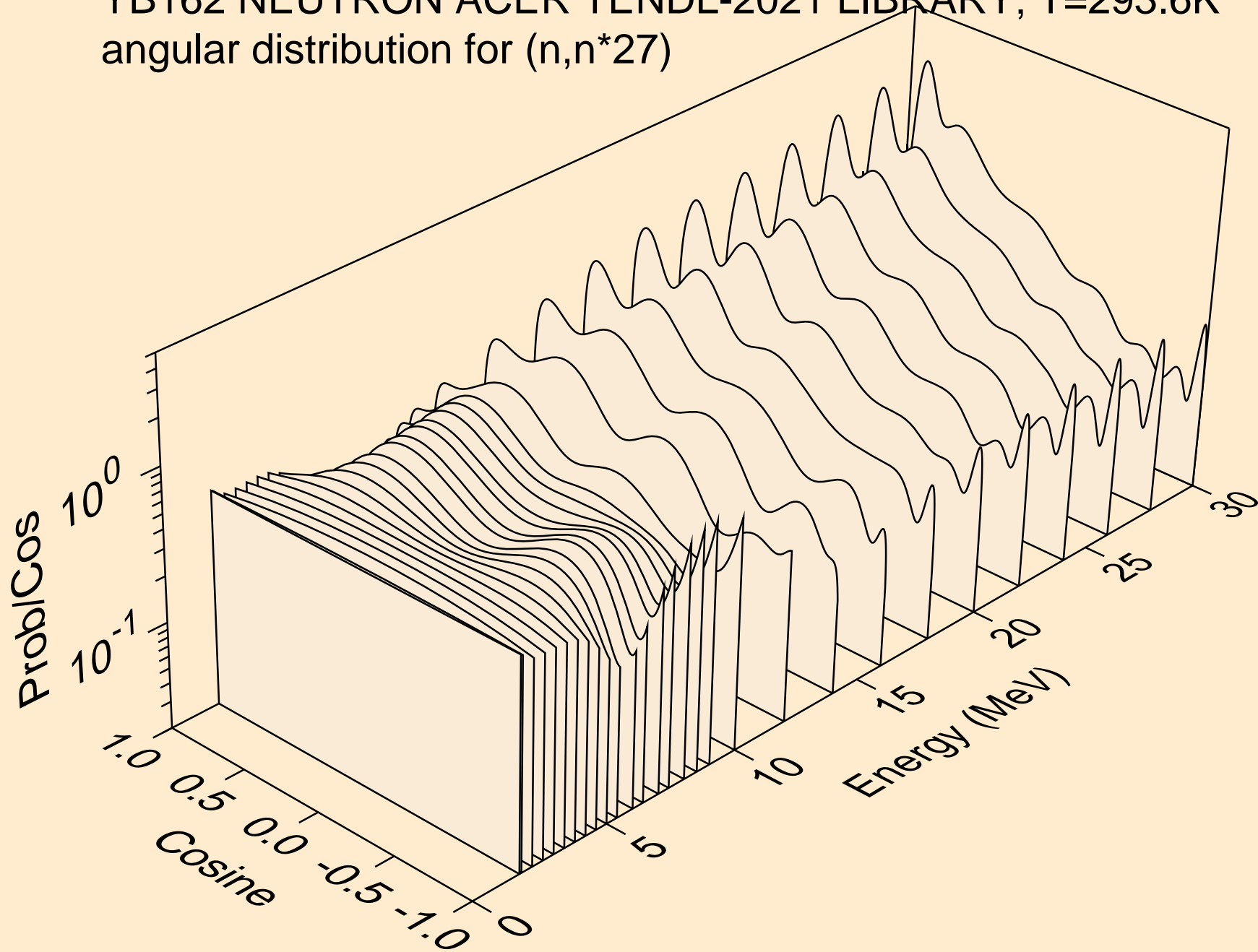




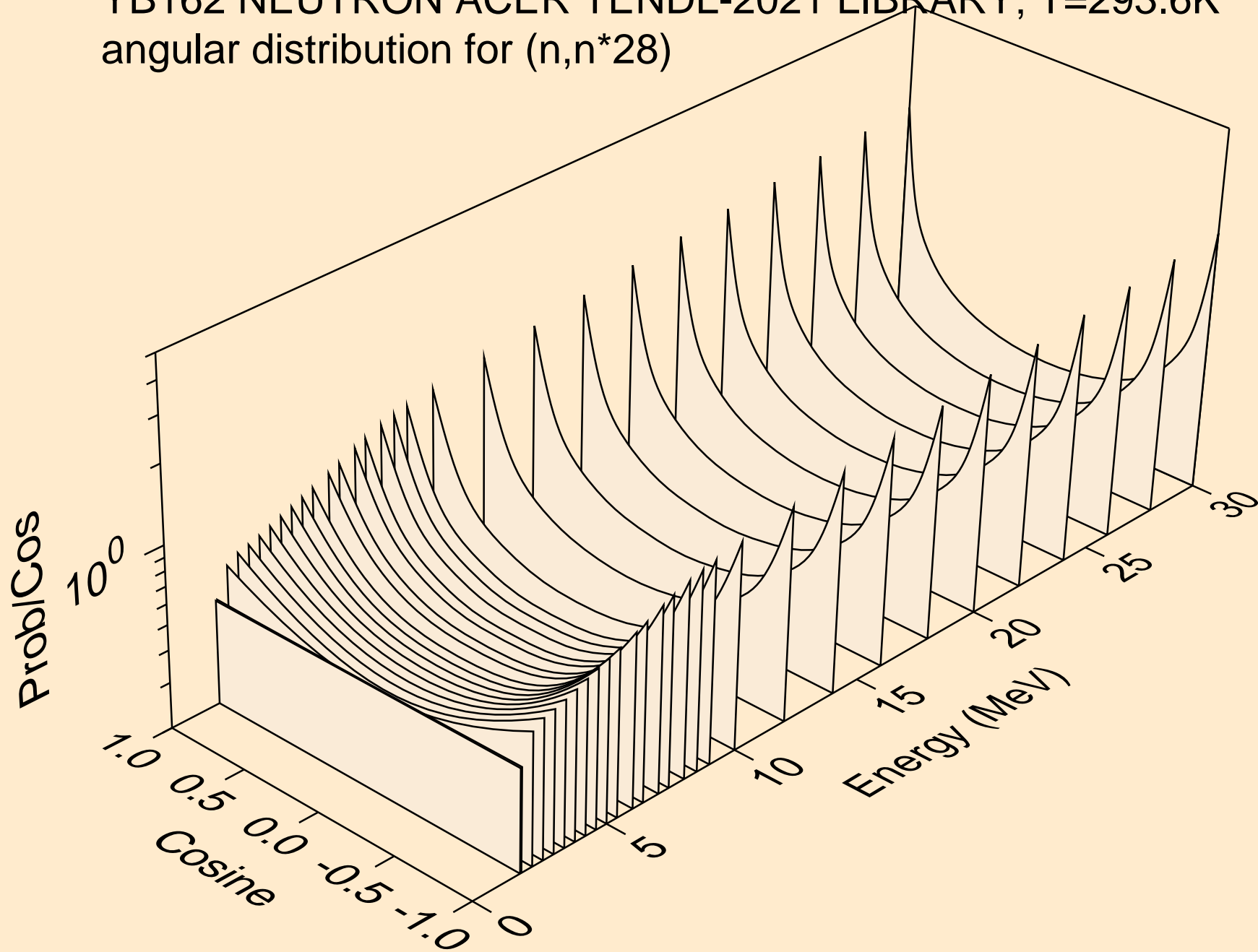
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



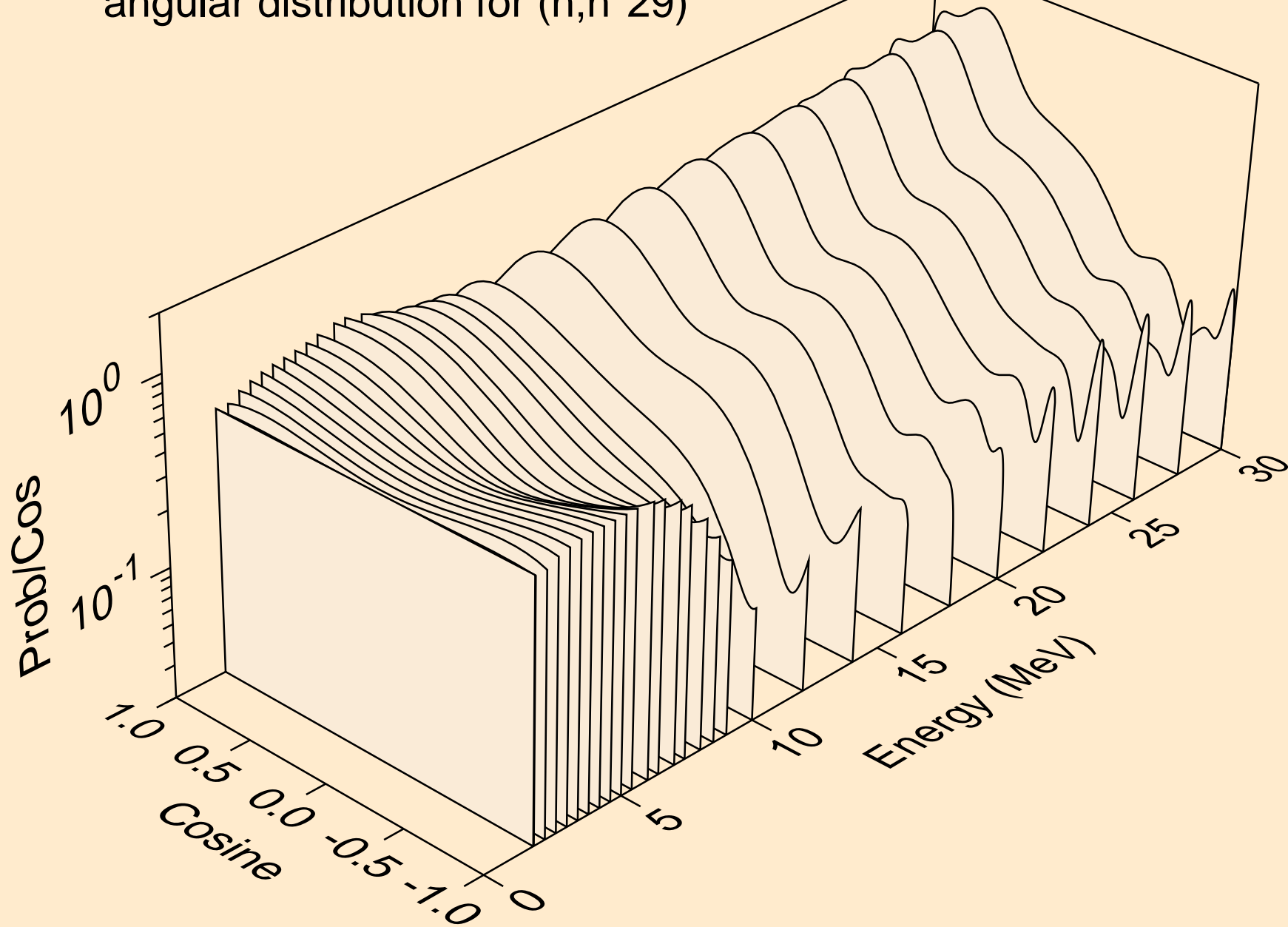
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



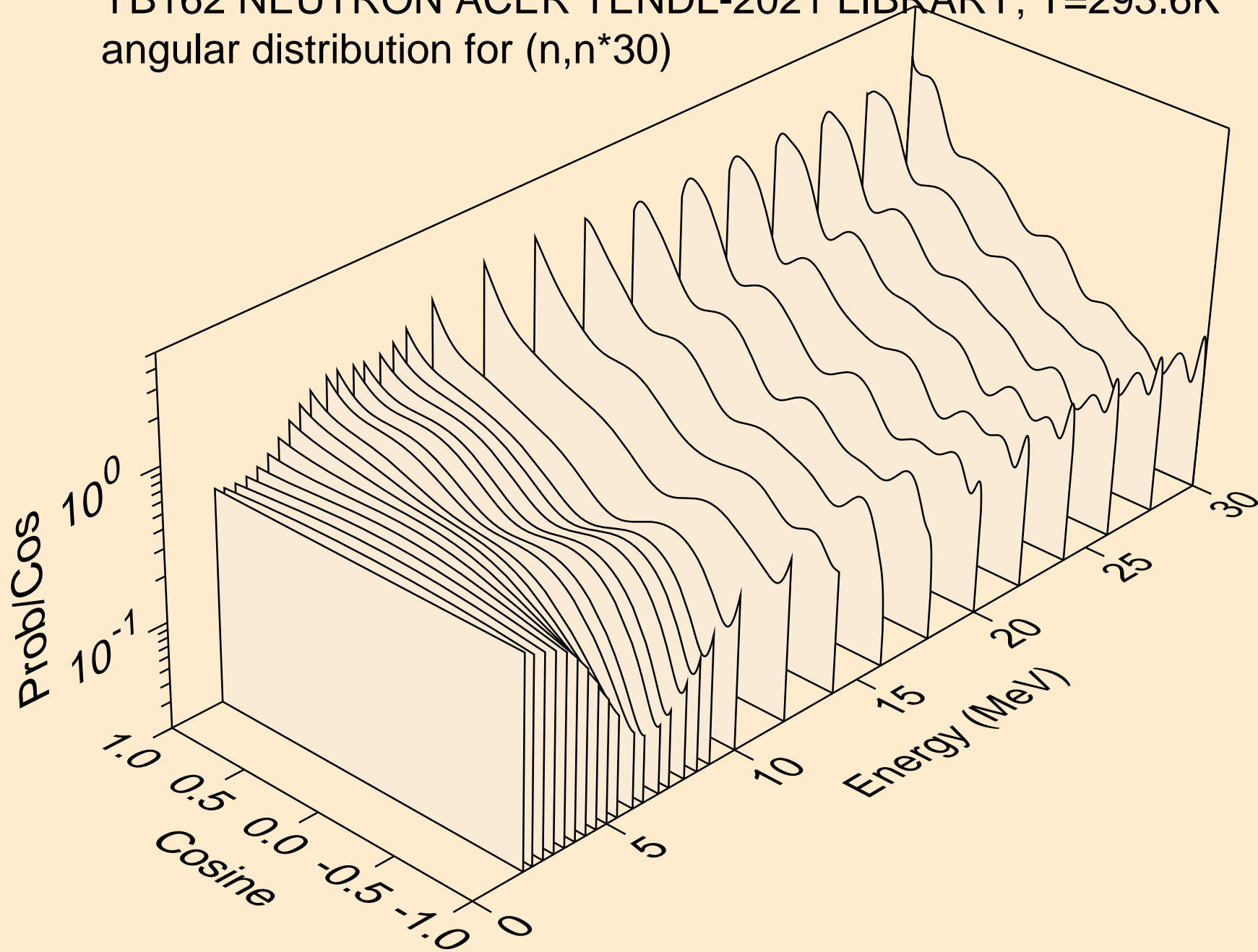
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angular distribution for (n,n\*28)



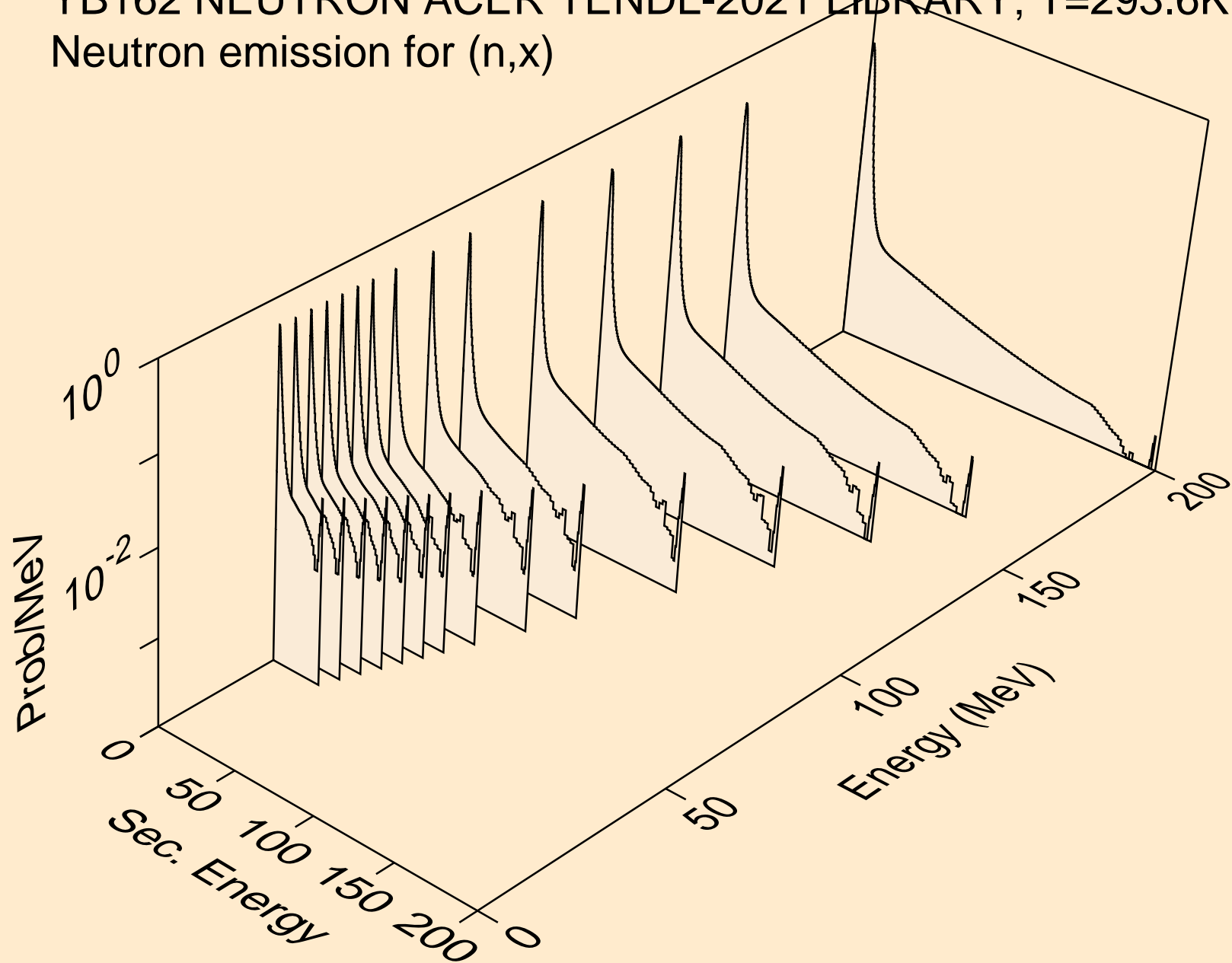
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angular distribution for (n,n\*29)



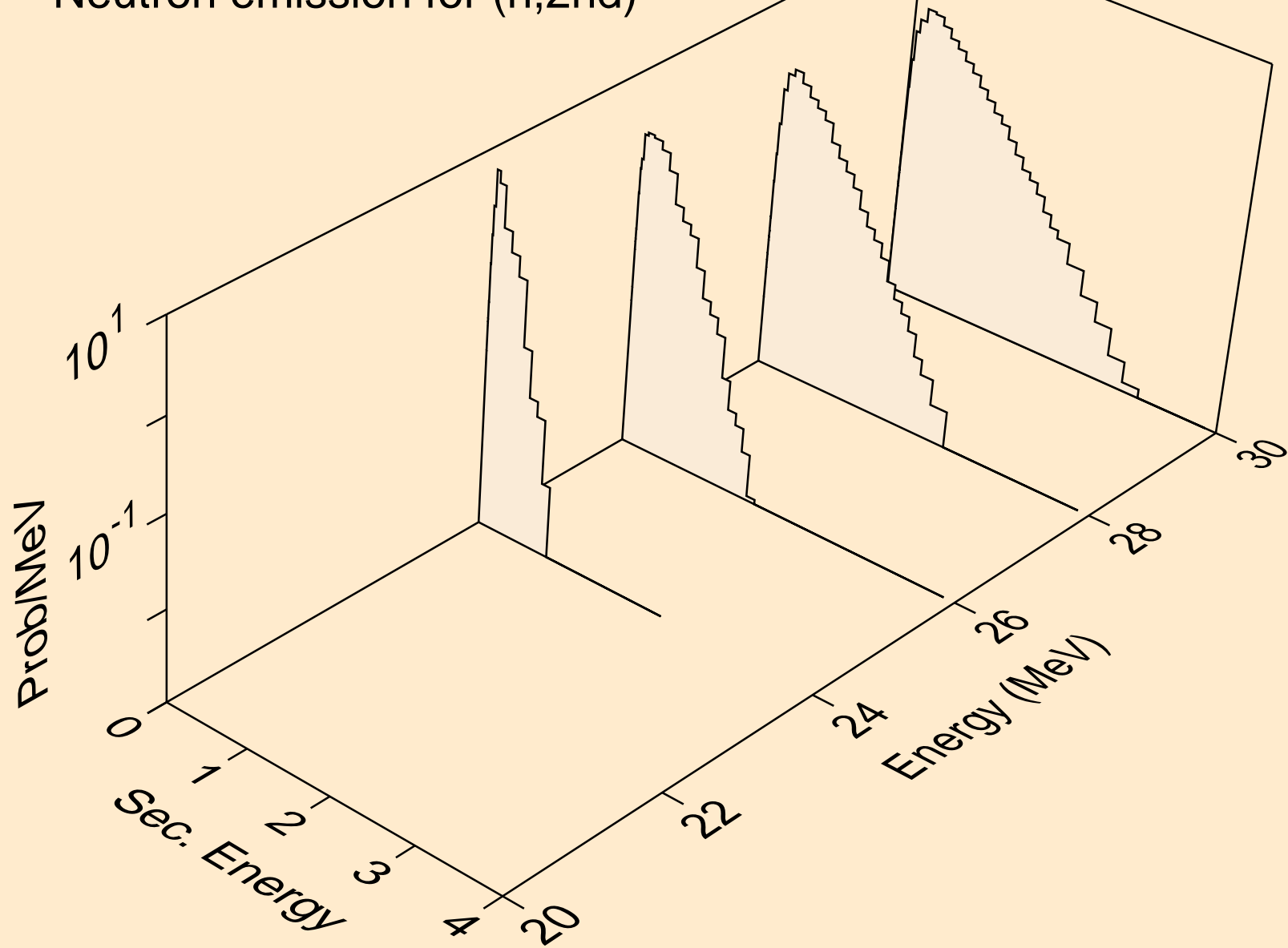
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



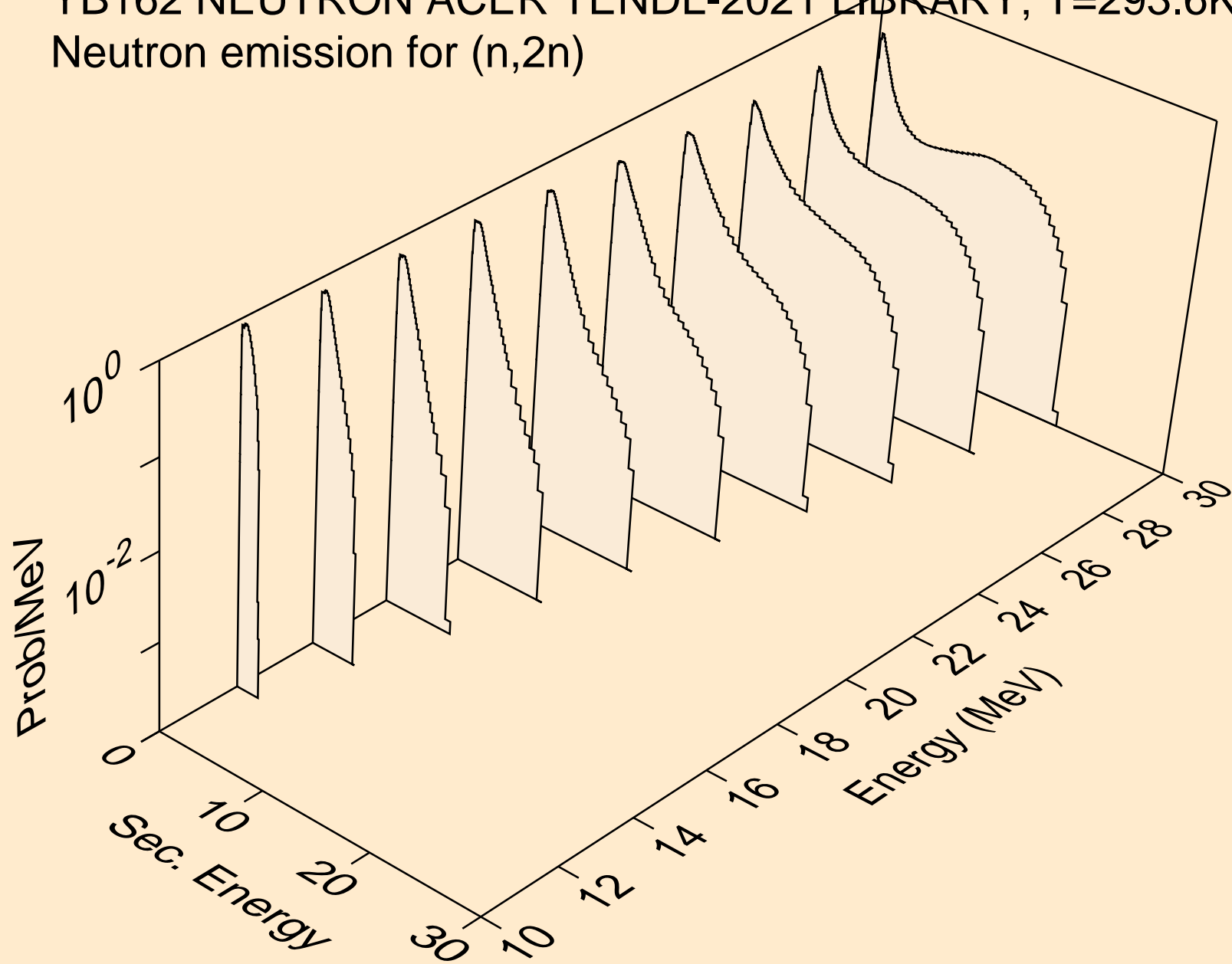
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

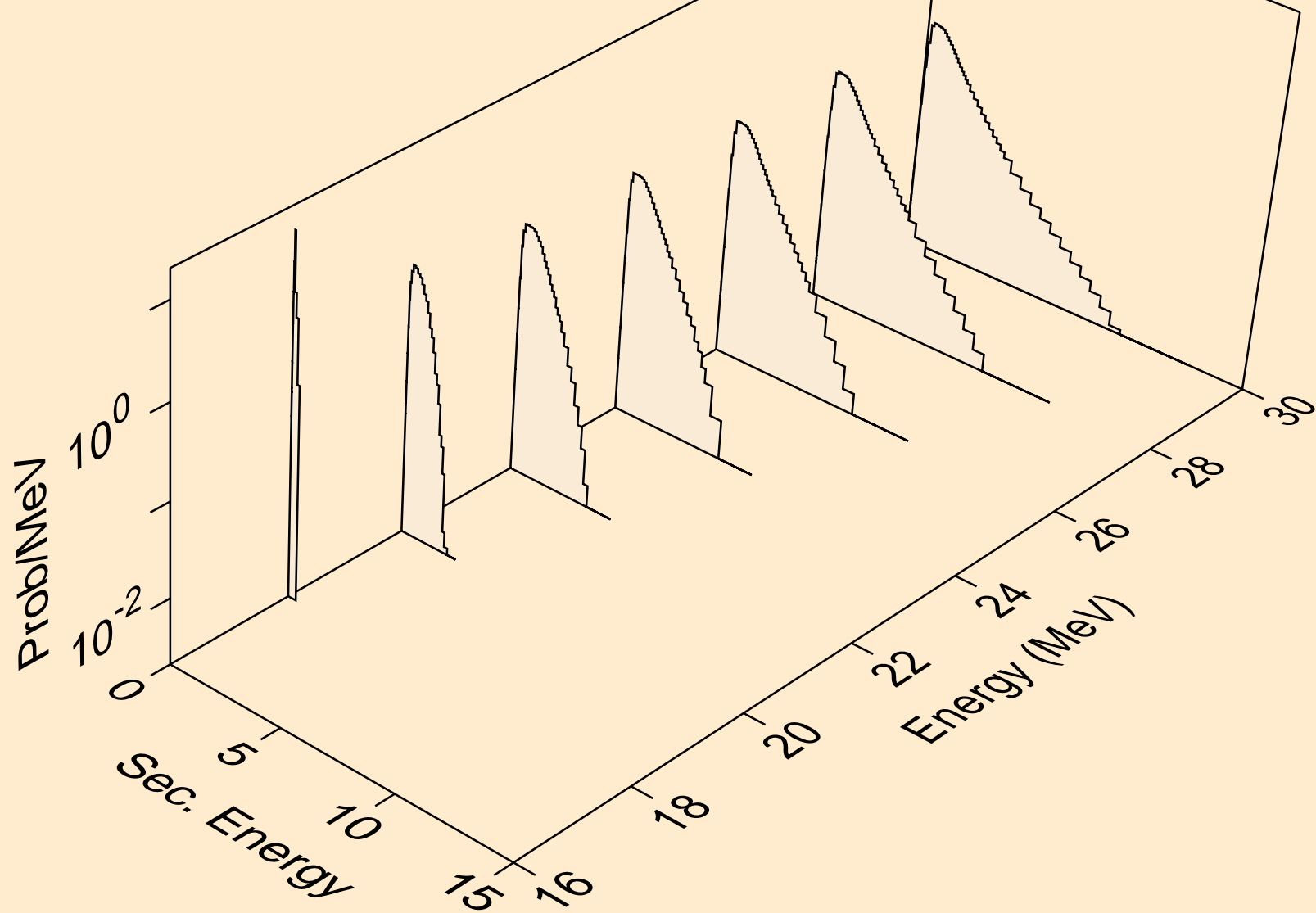


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

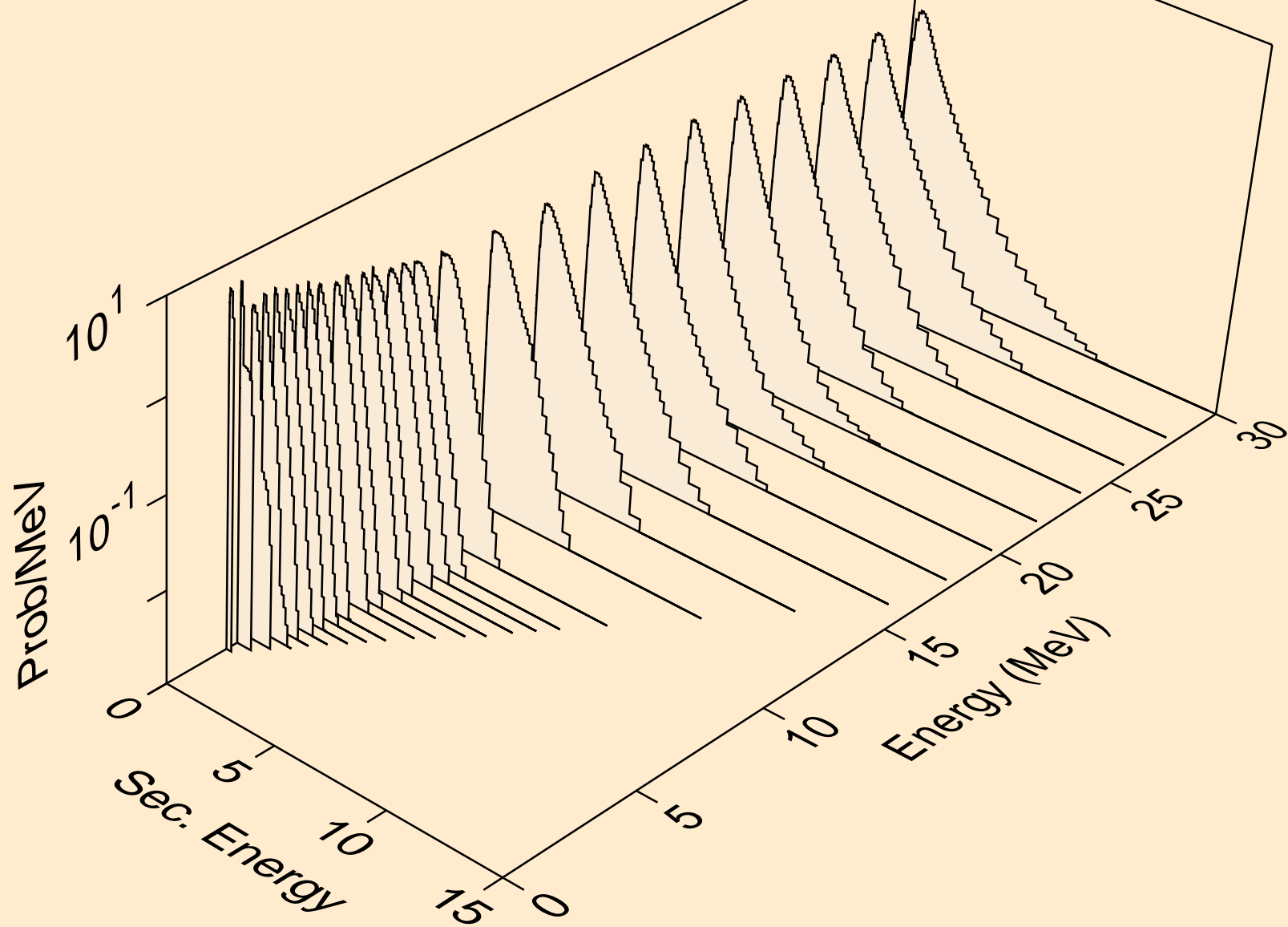




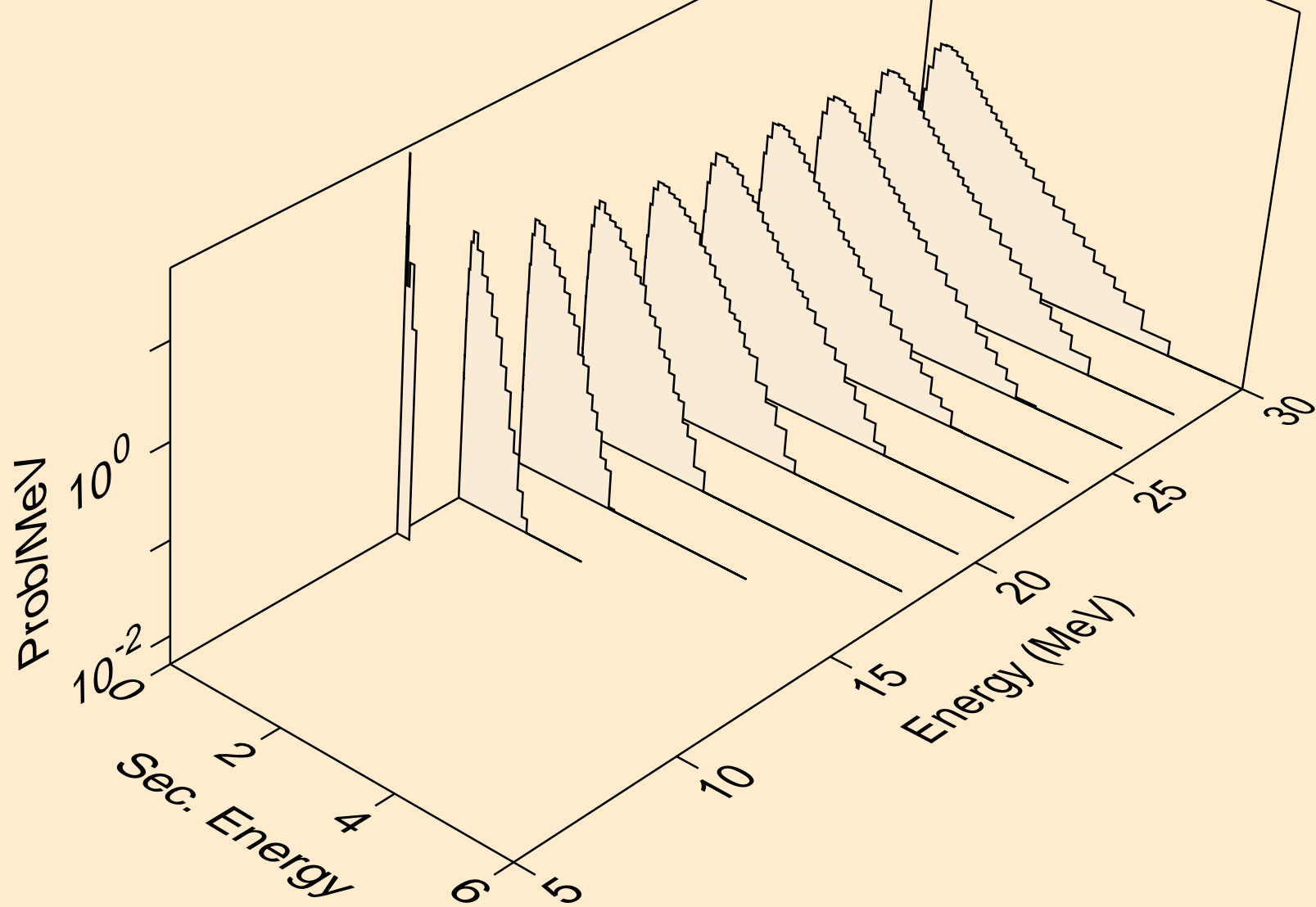
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



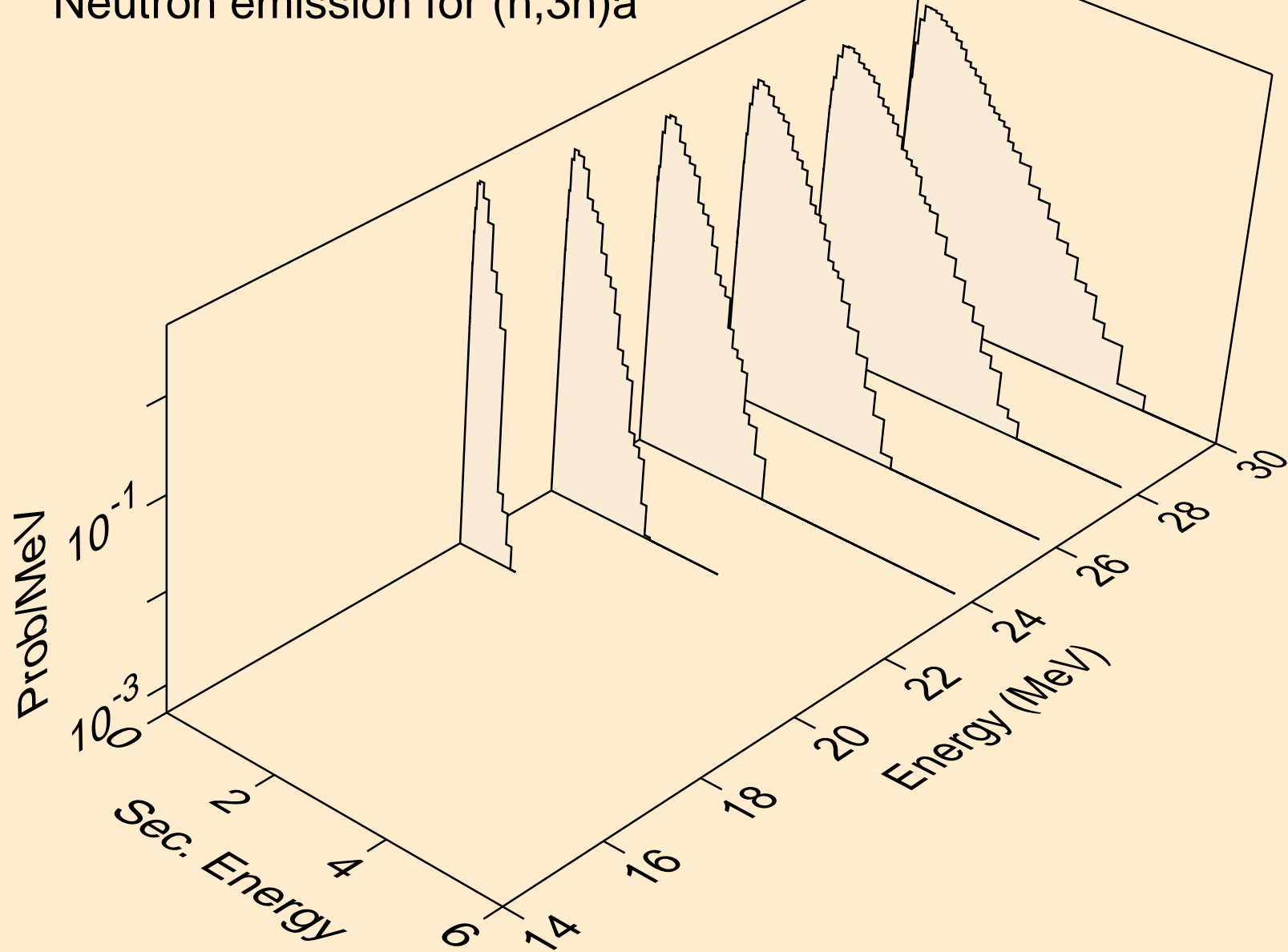
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



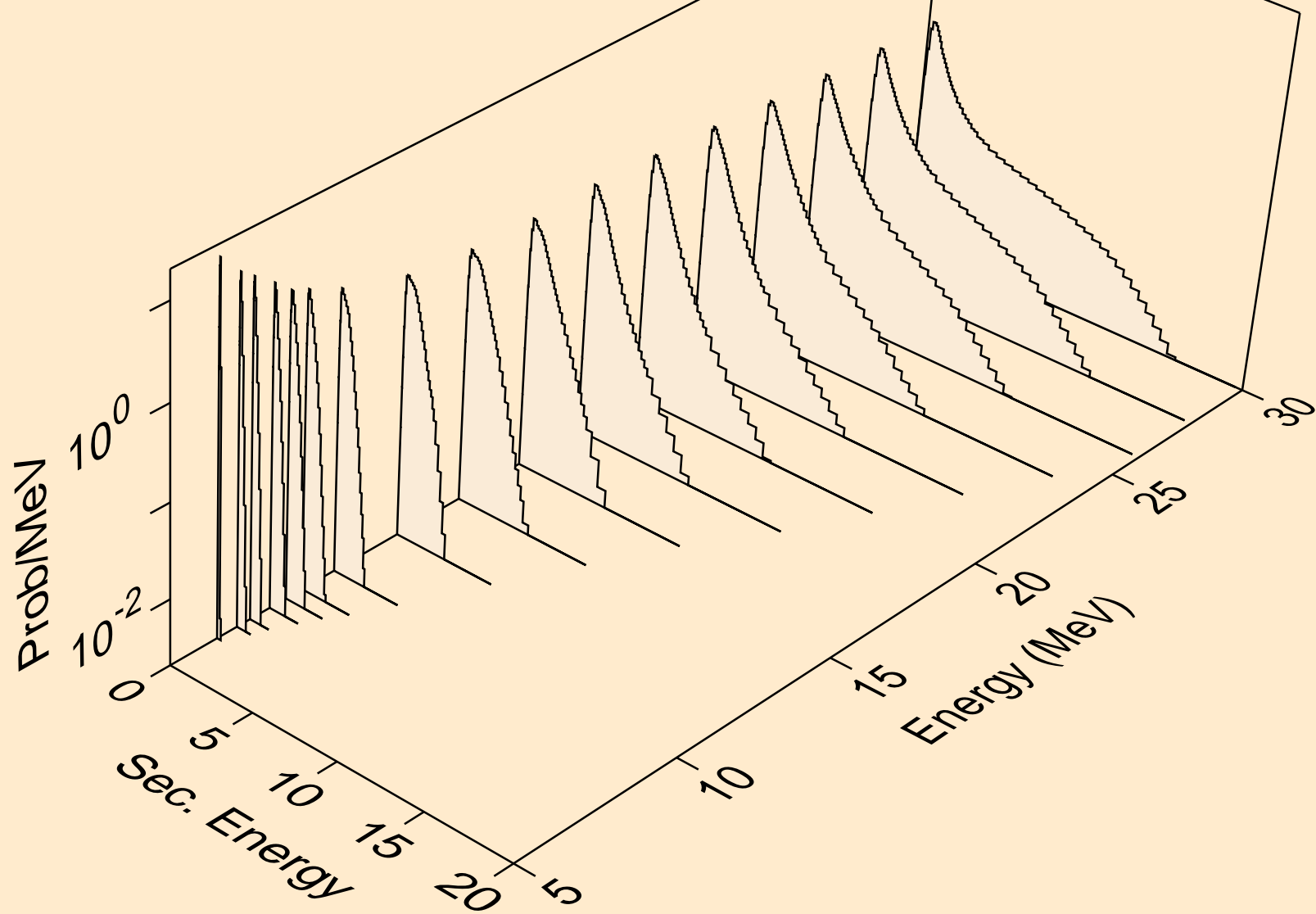
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



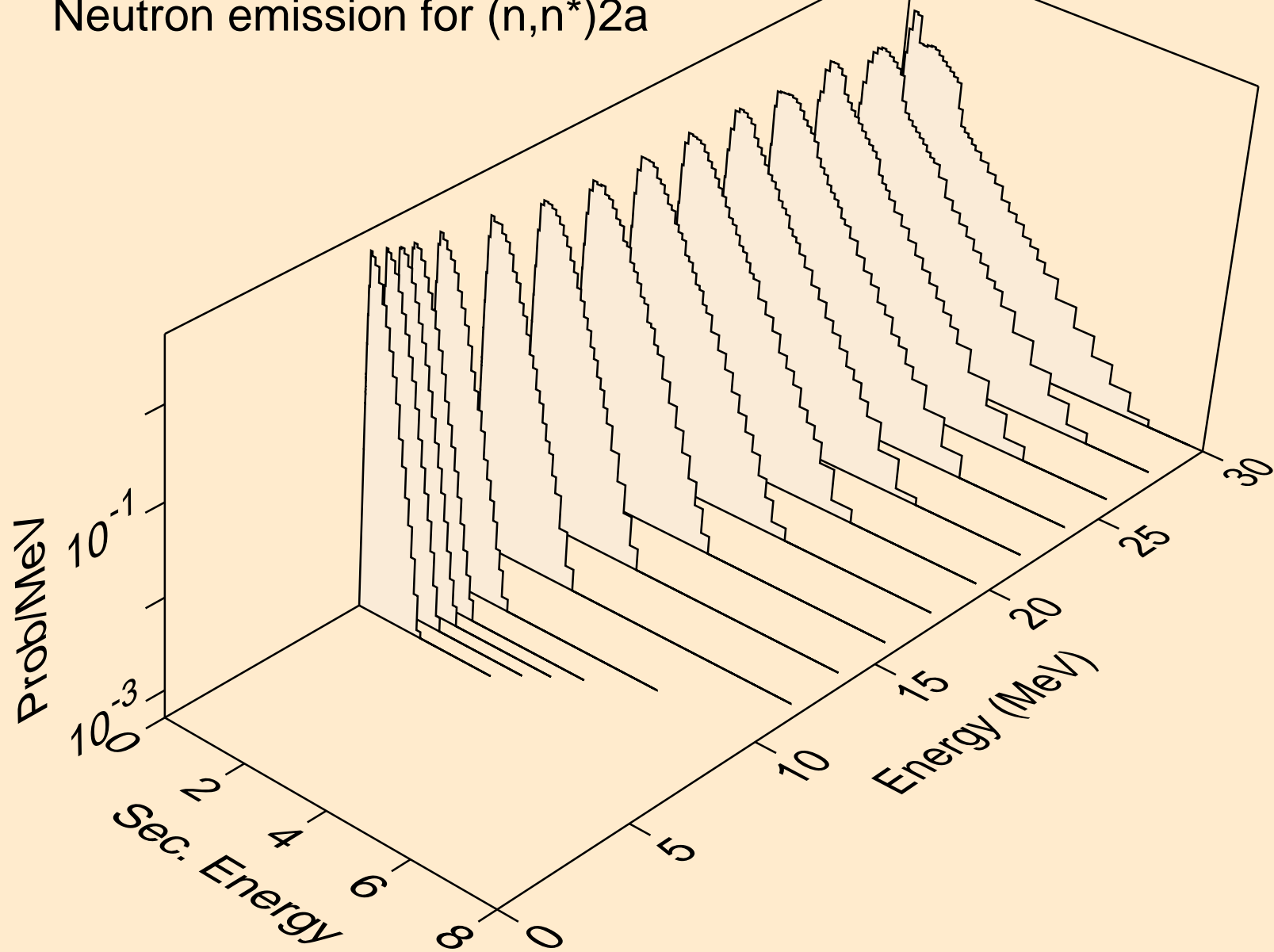
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



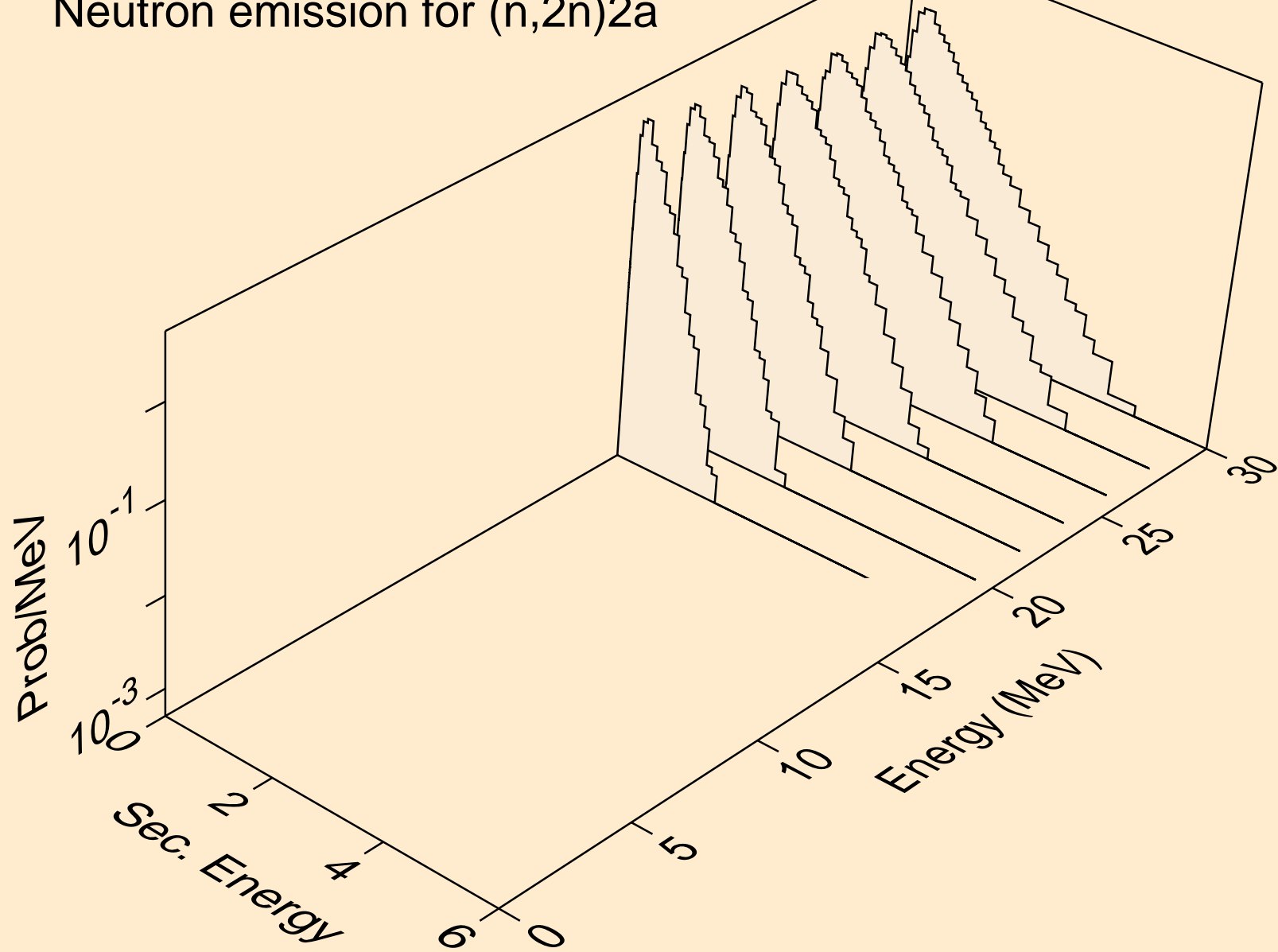
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



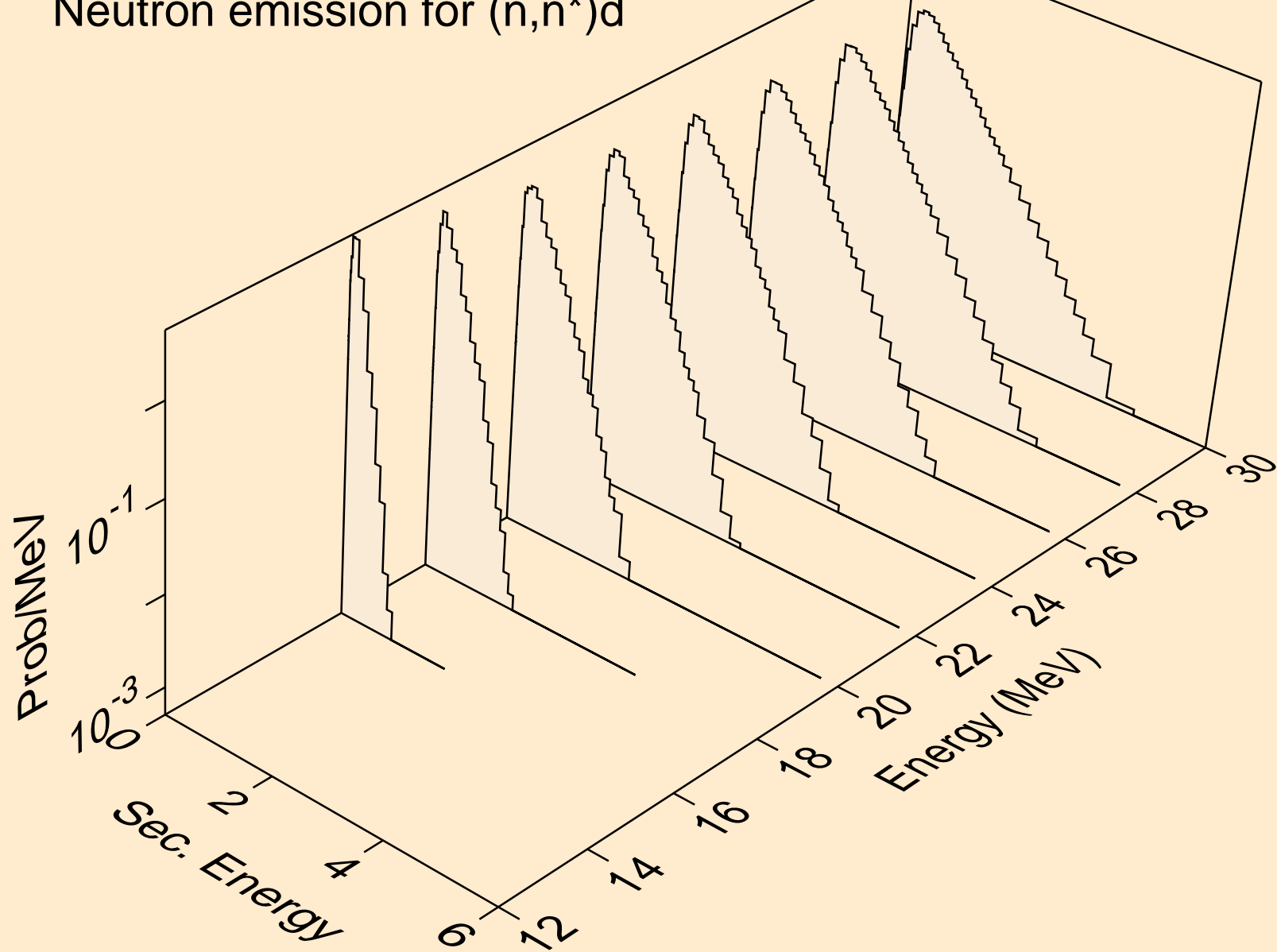
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

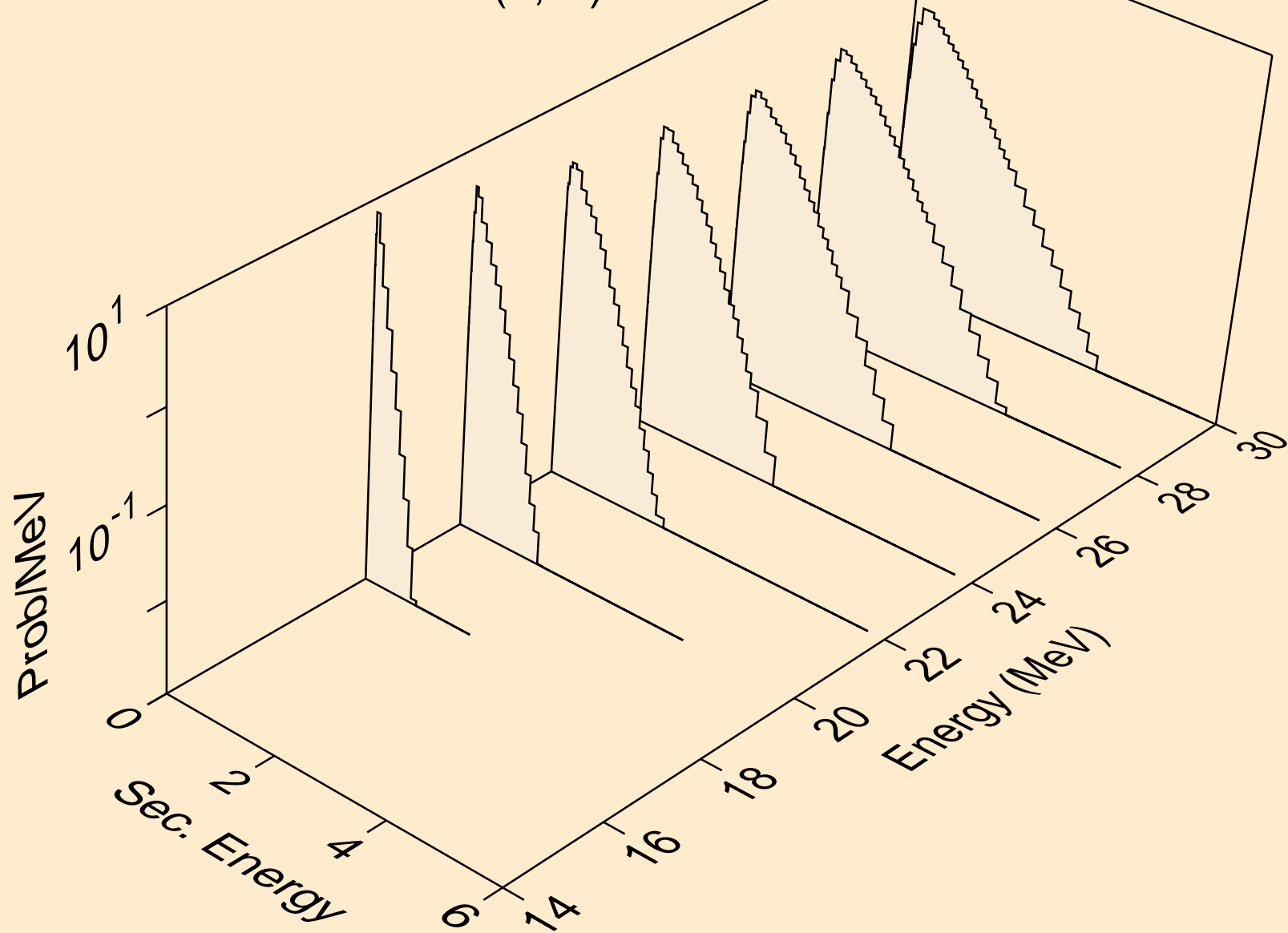


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

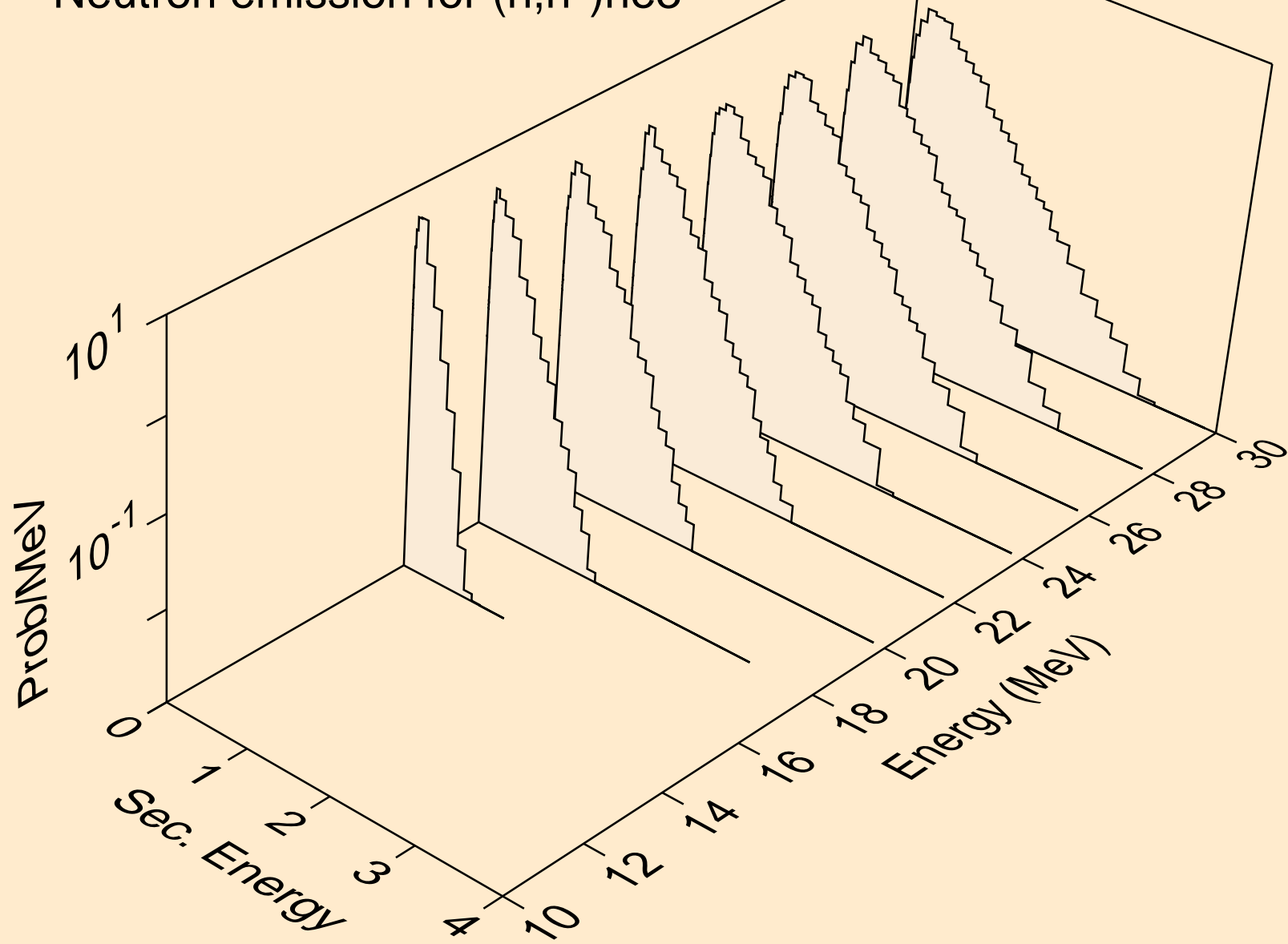




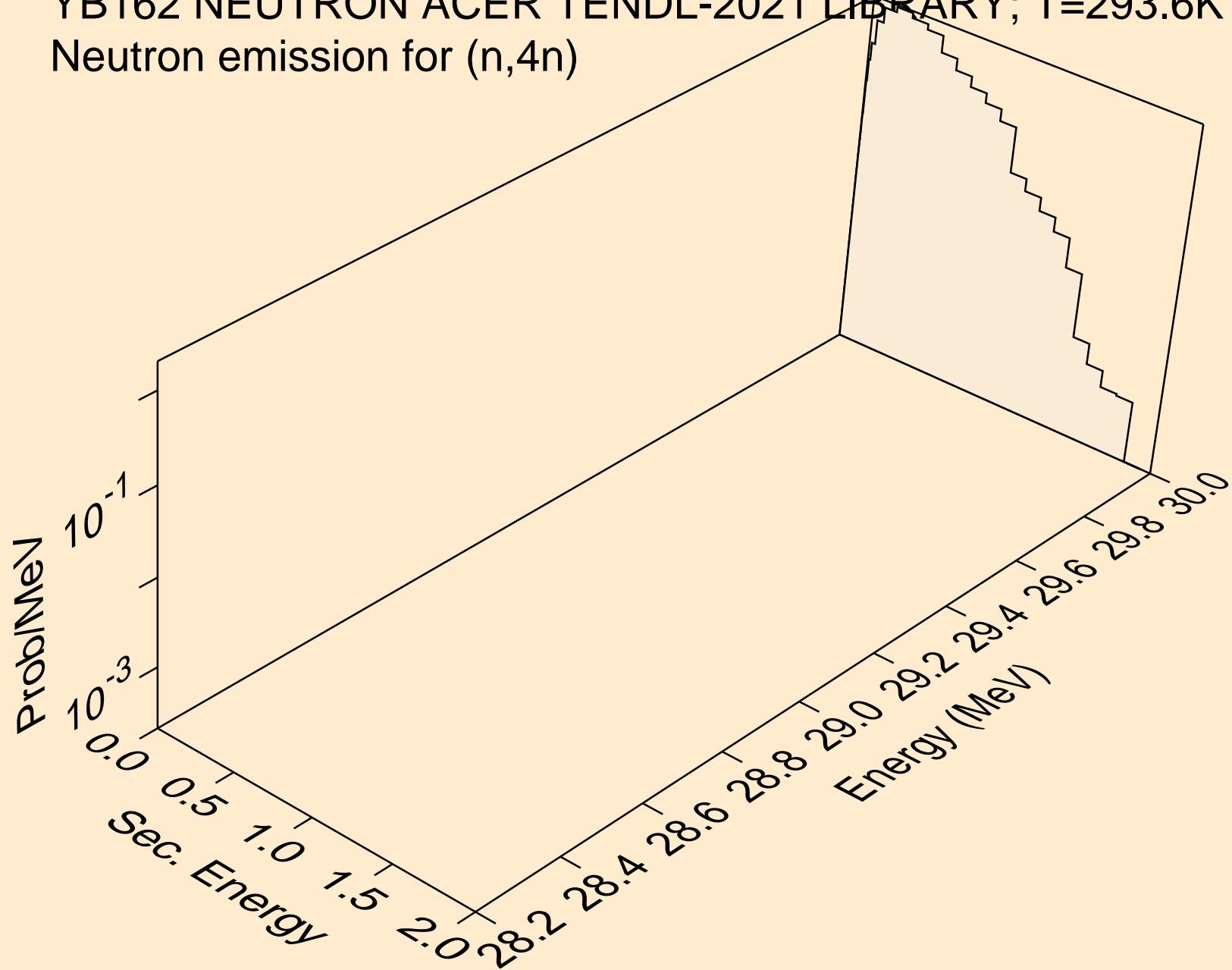
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



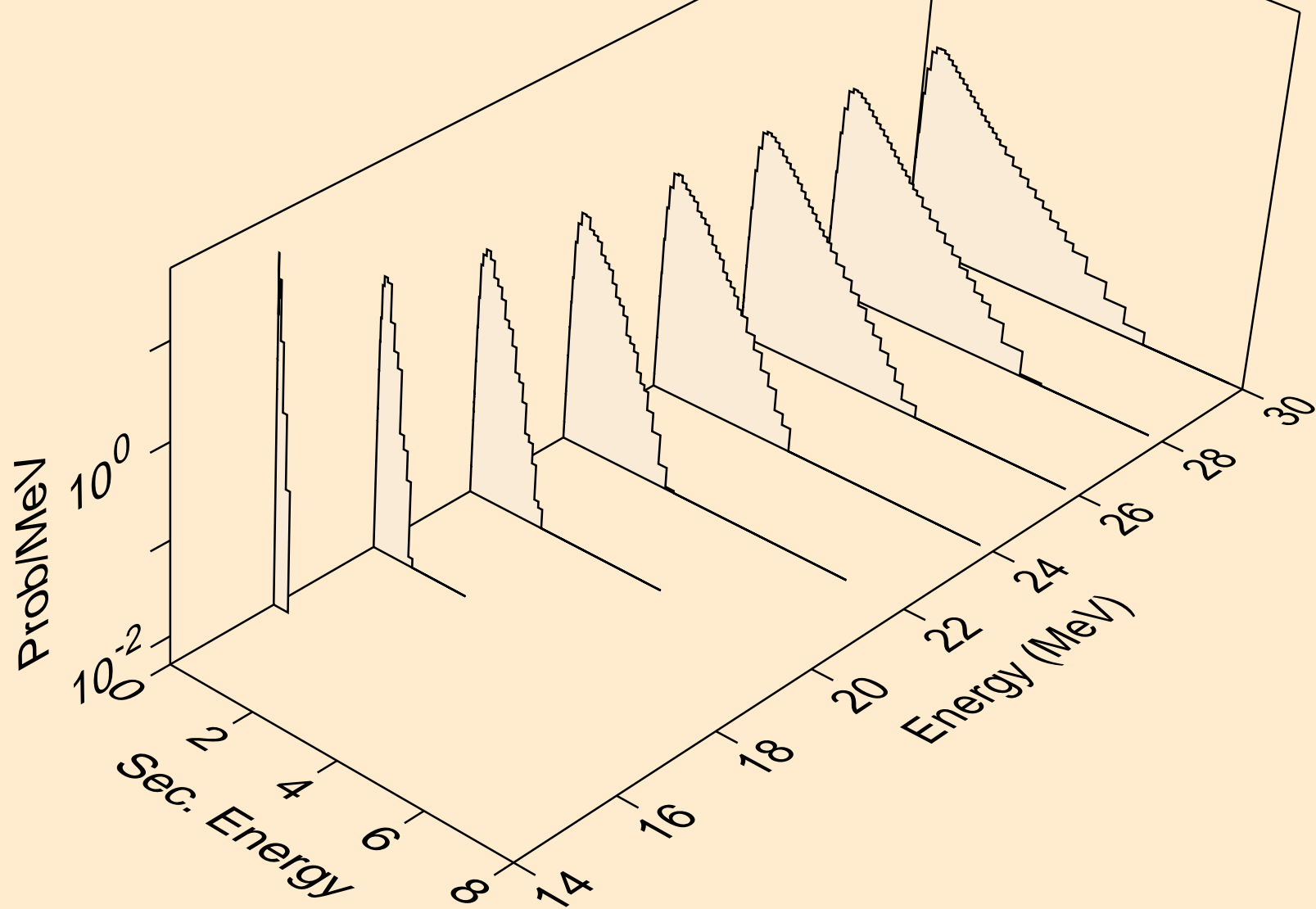
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



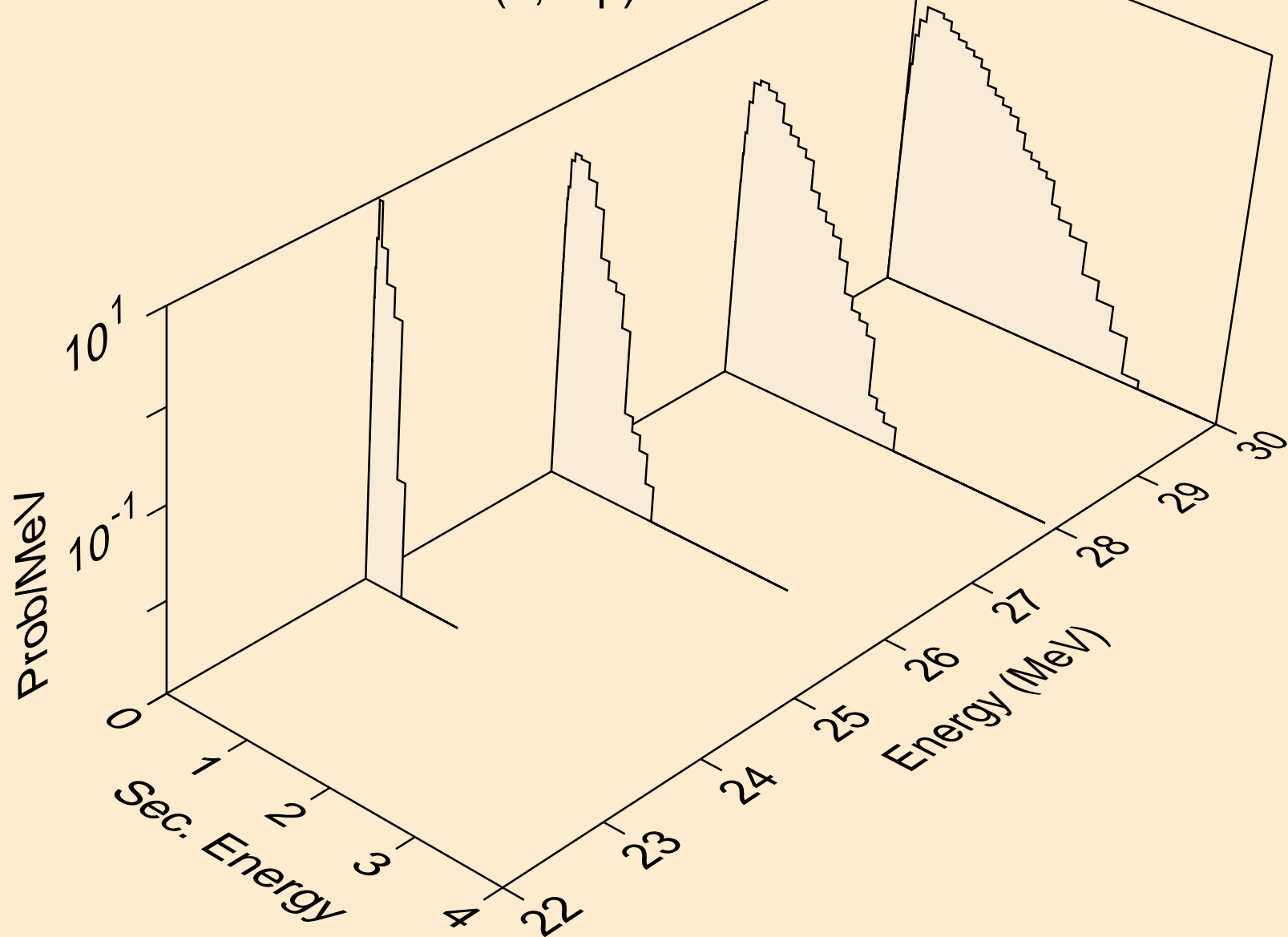
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



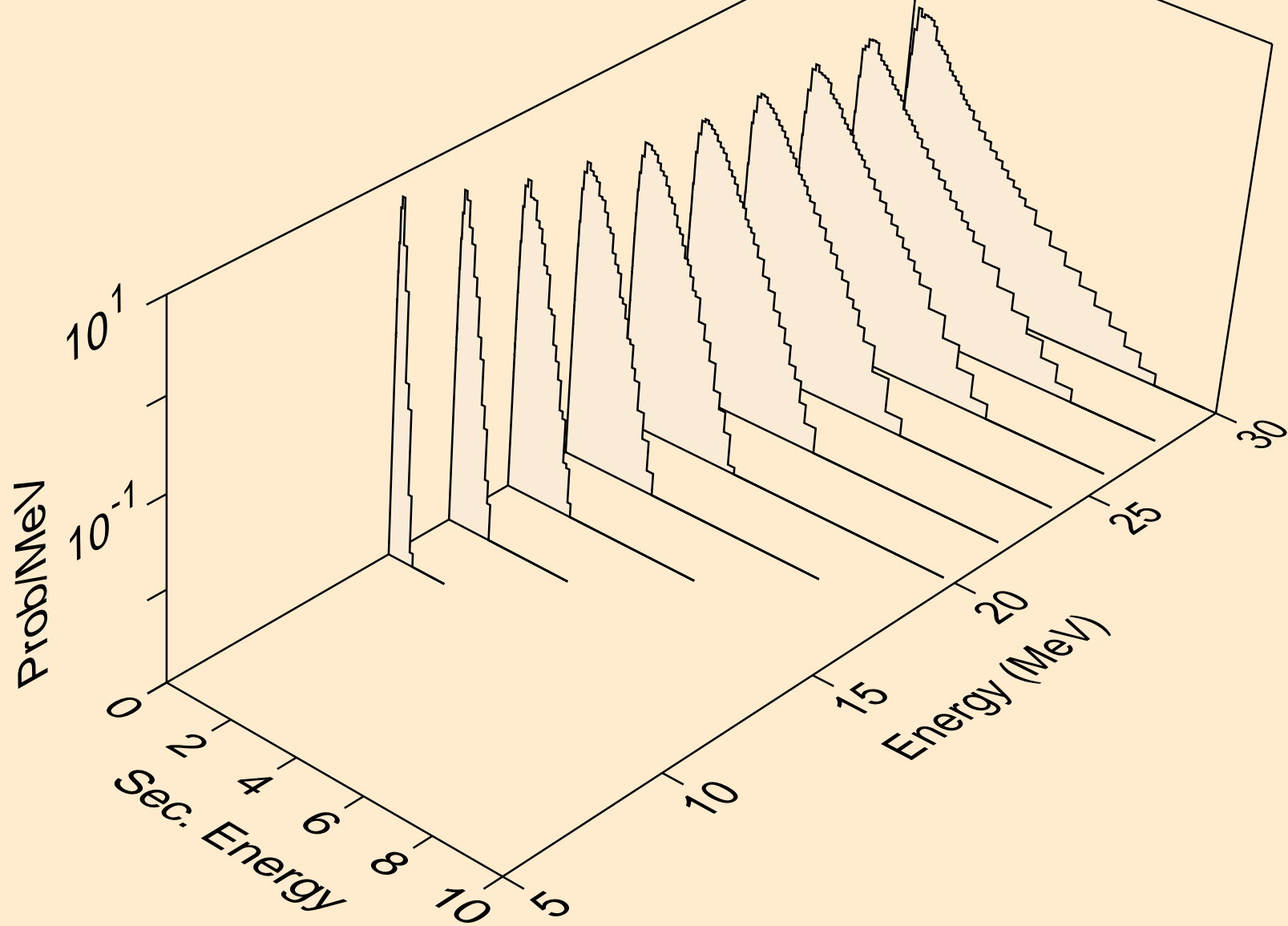
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



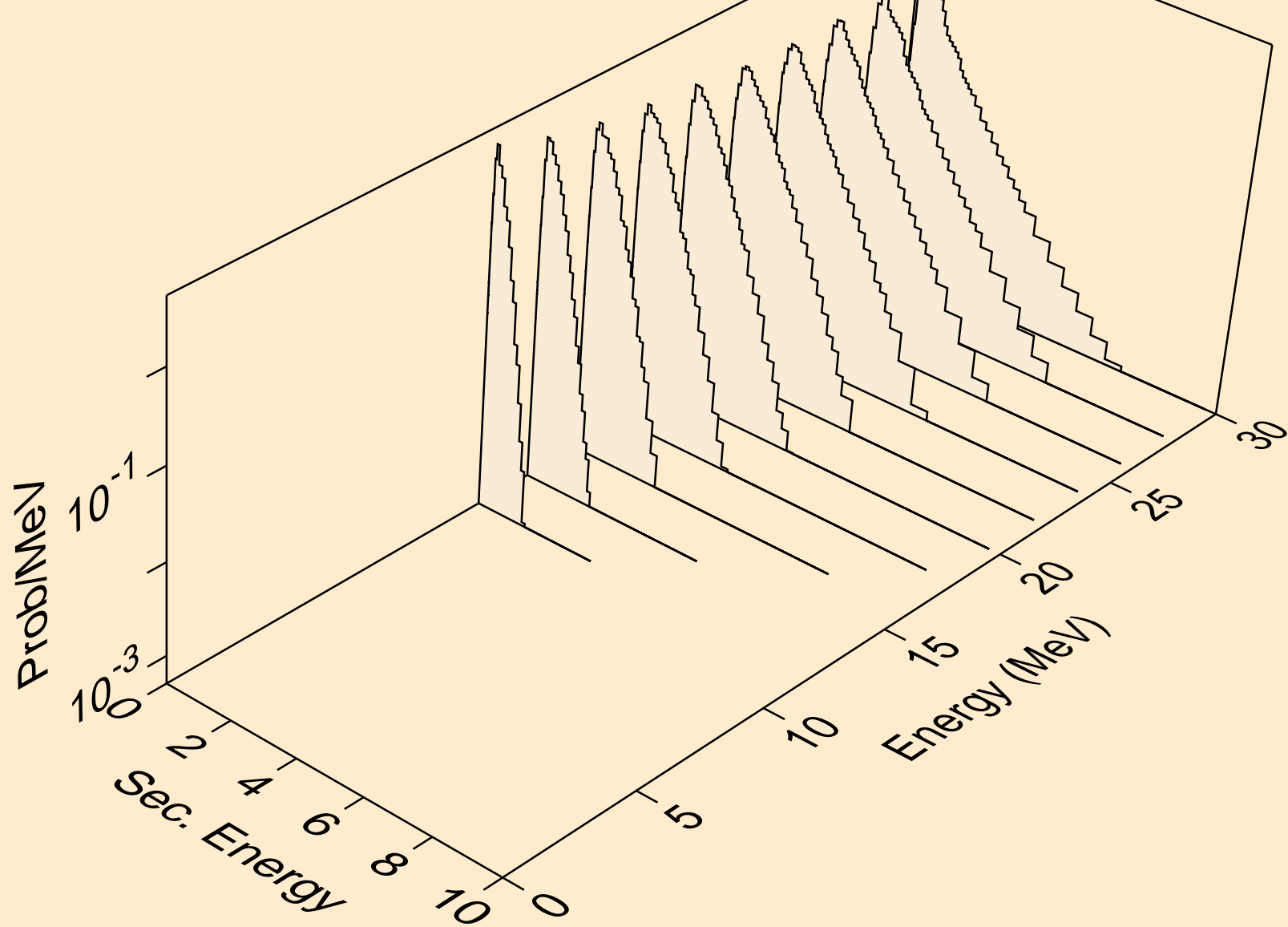
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



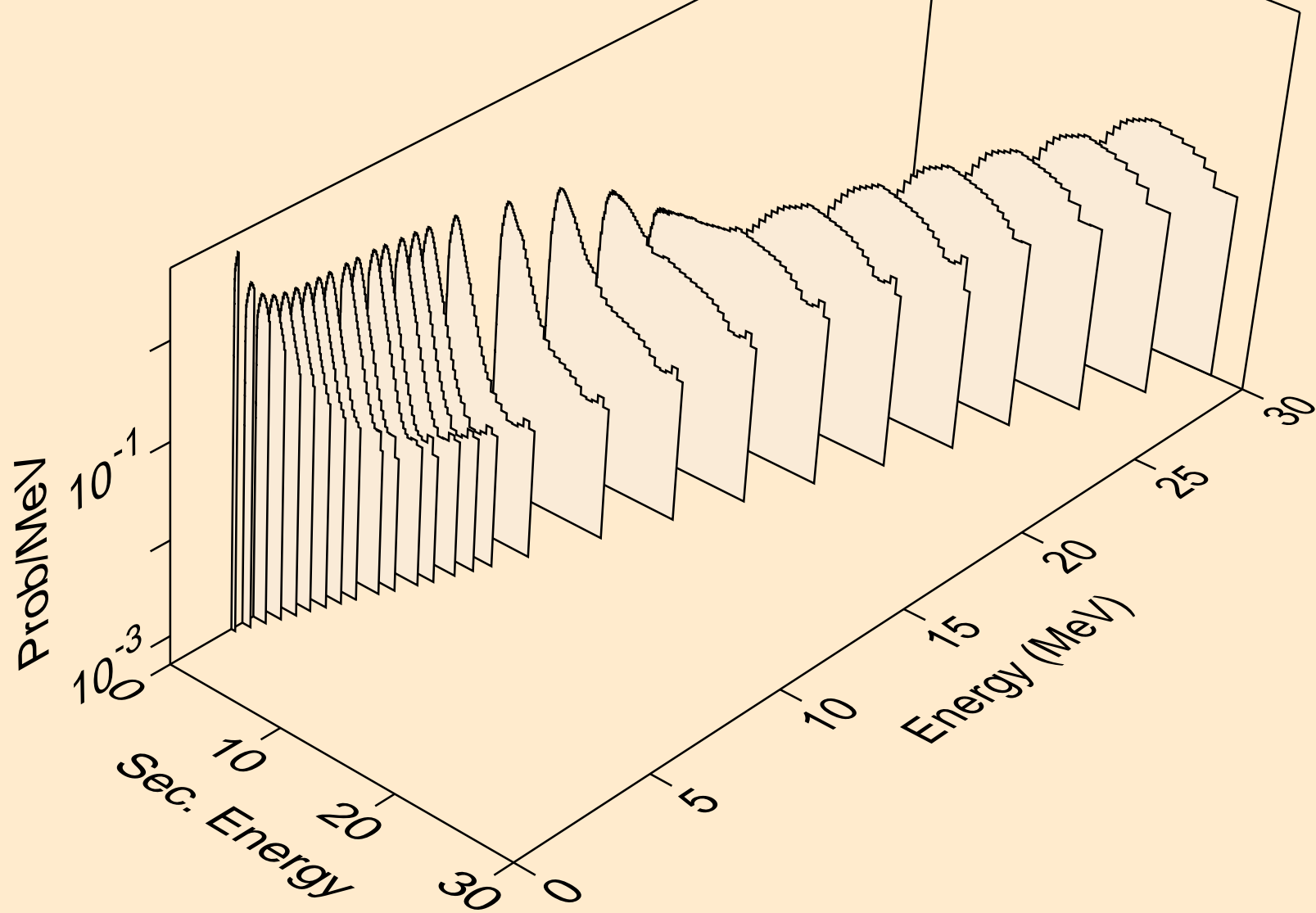
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

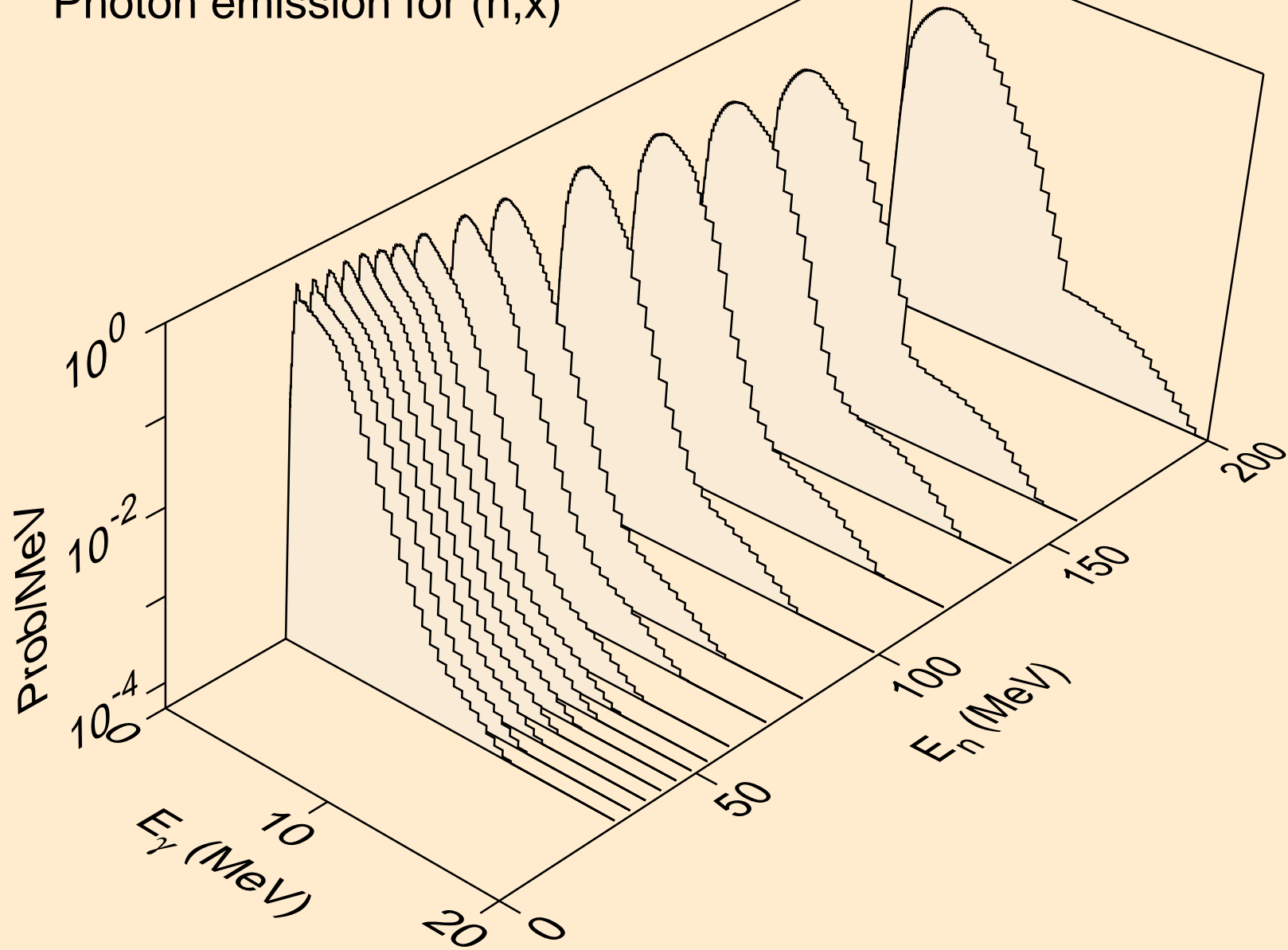


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

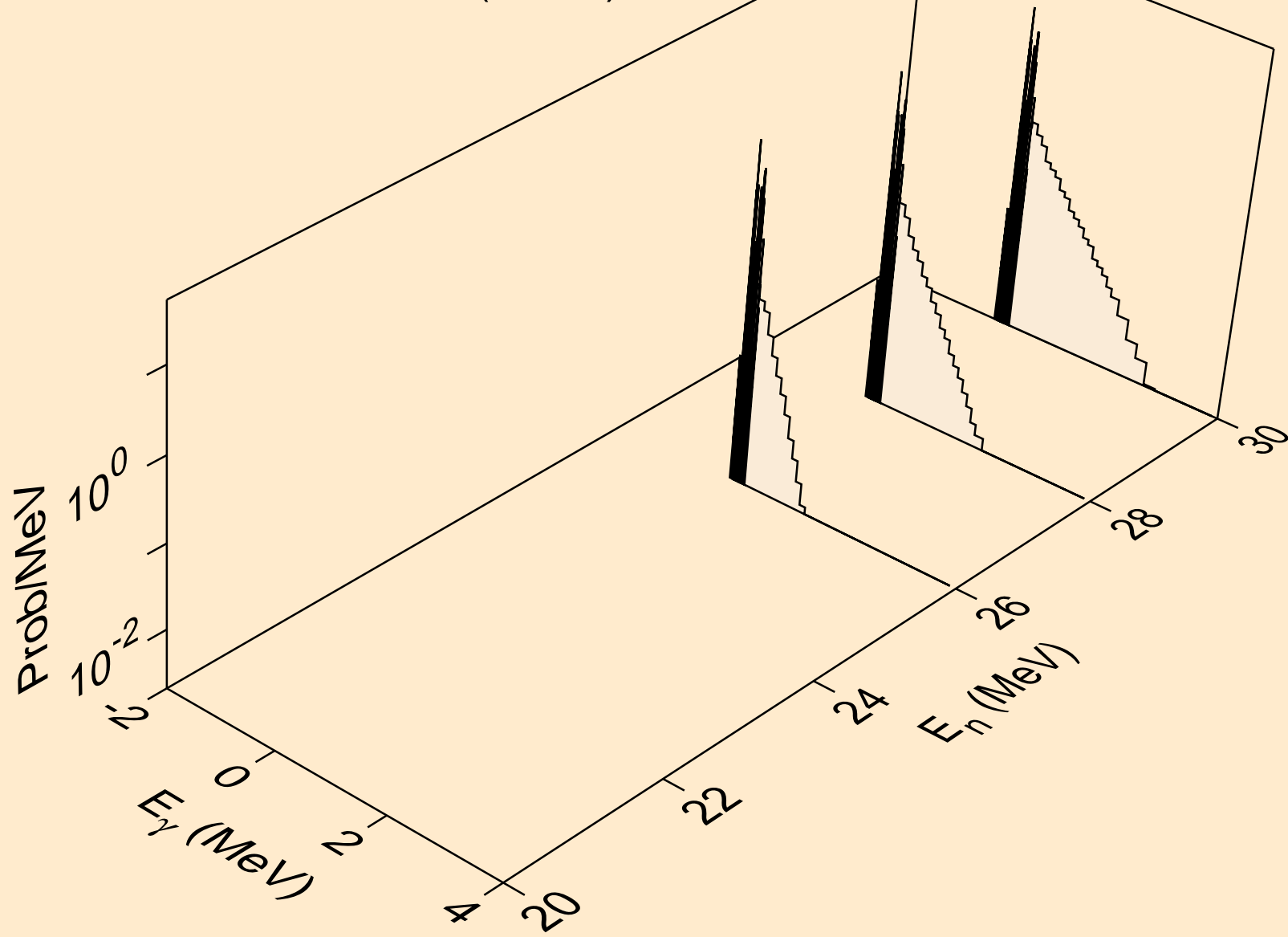




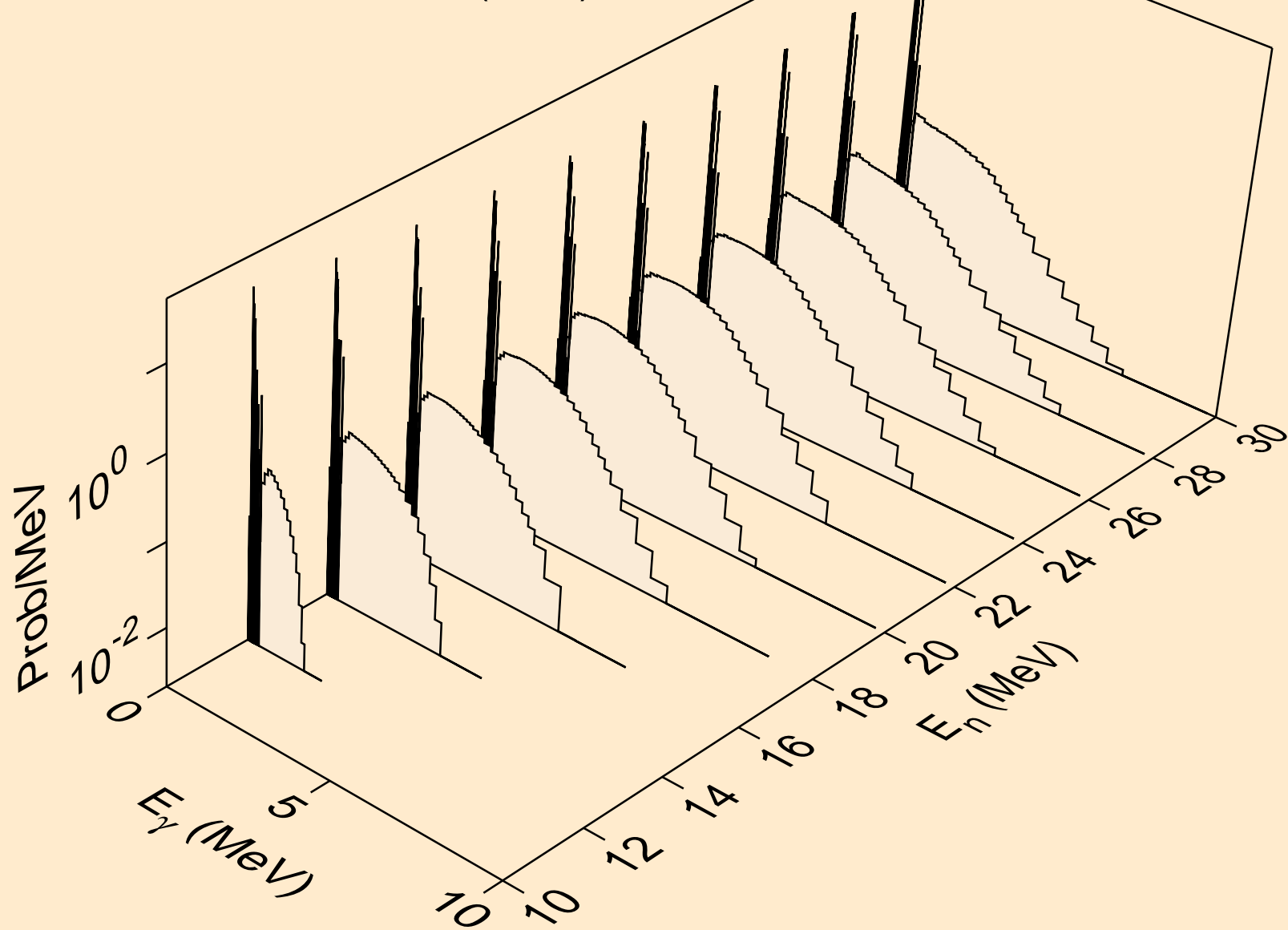
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



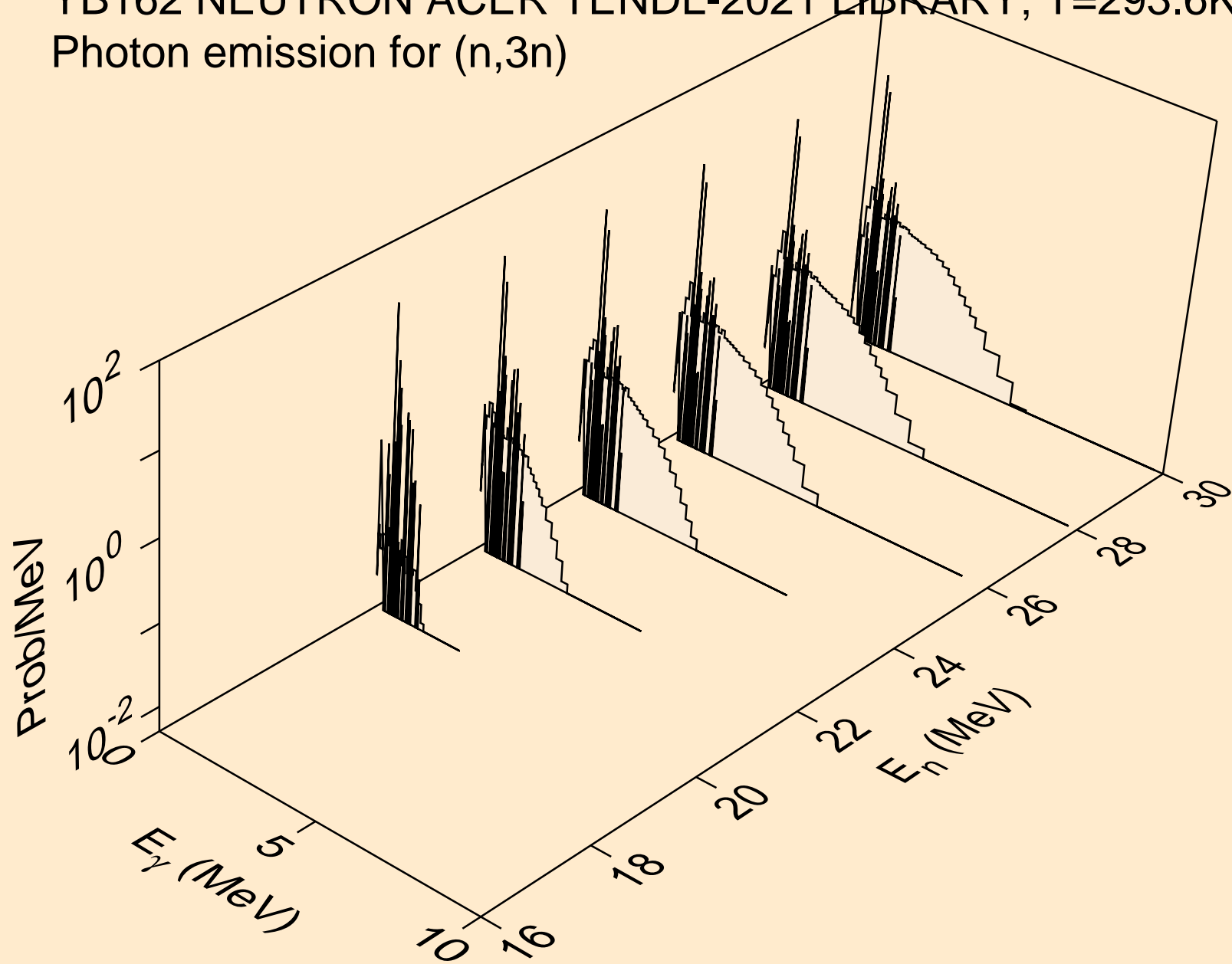
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



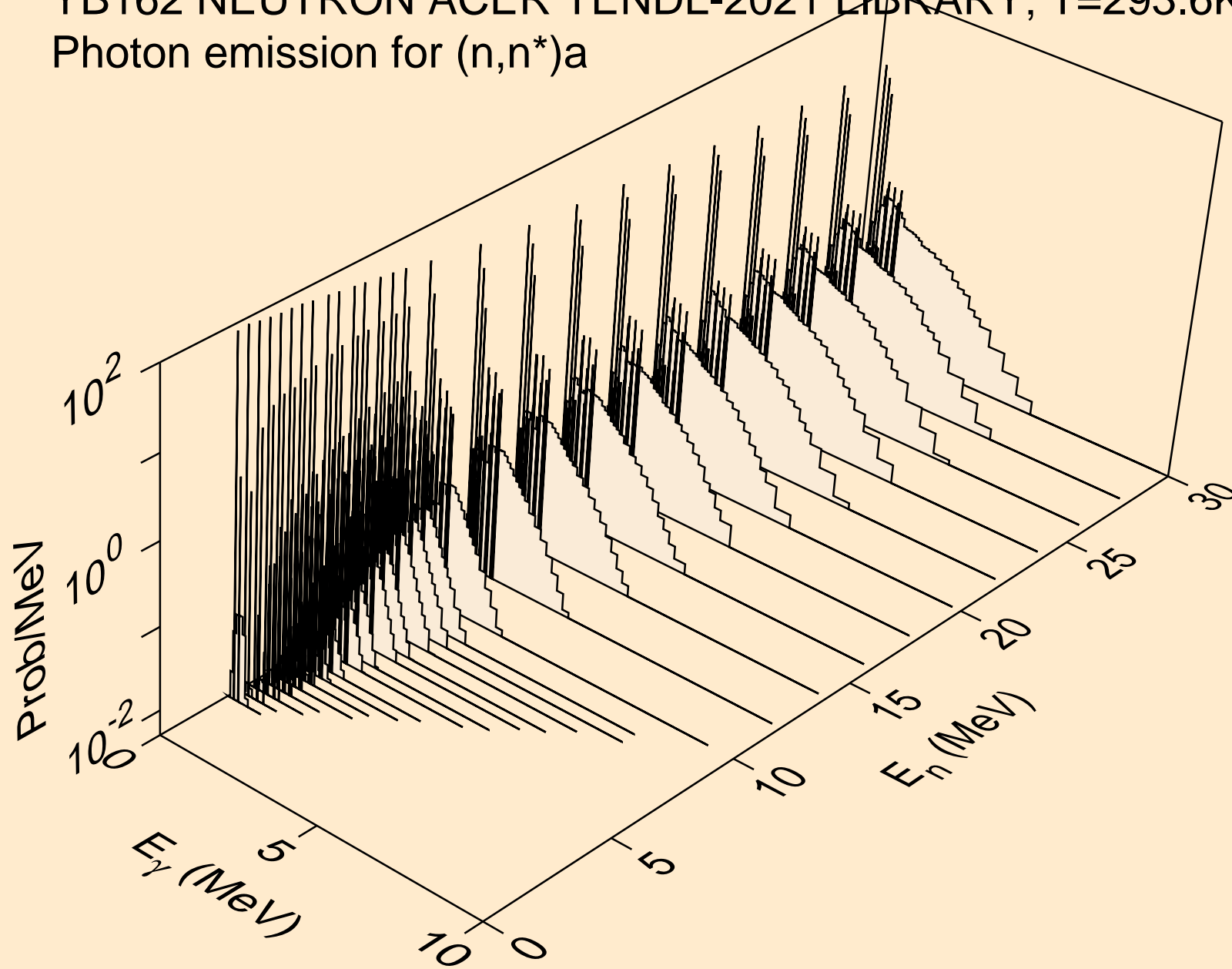
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Photon emission for (n,2n)



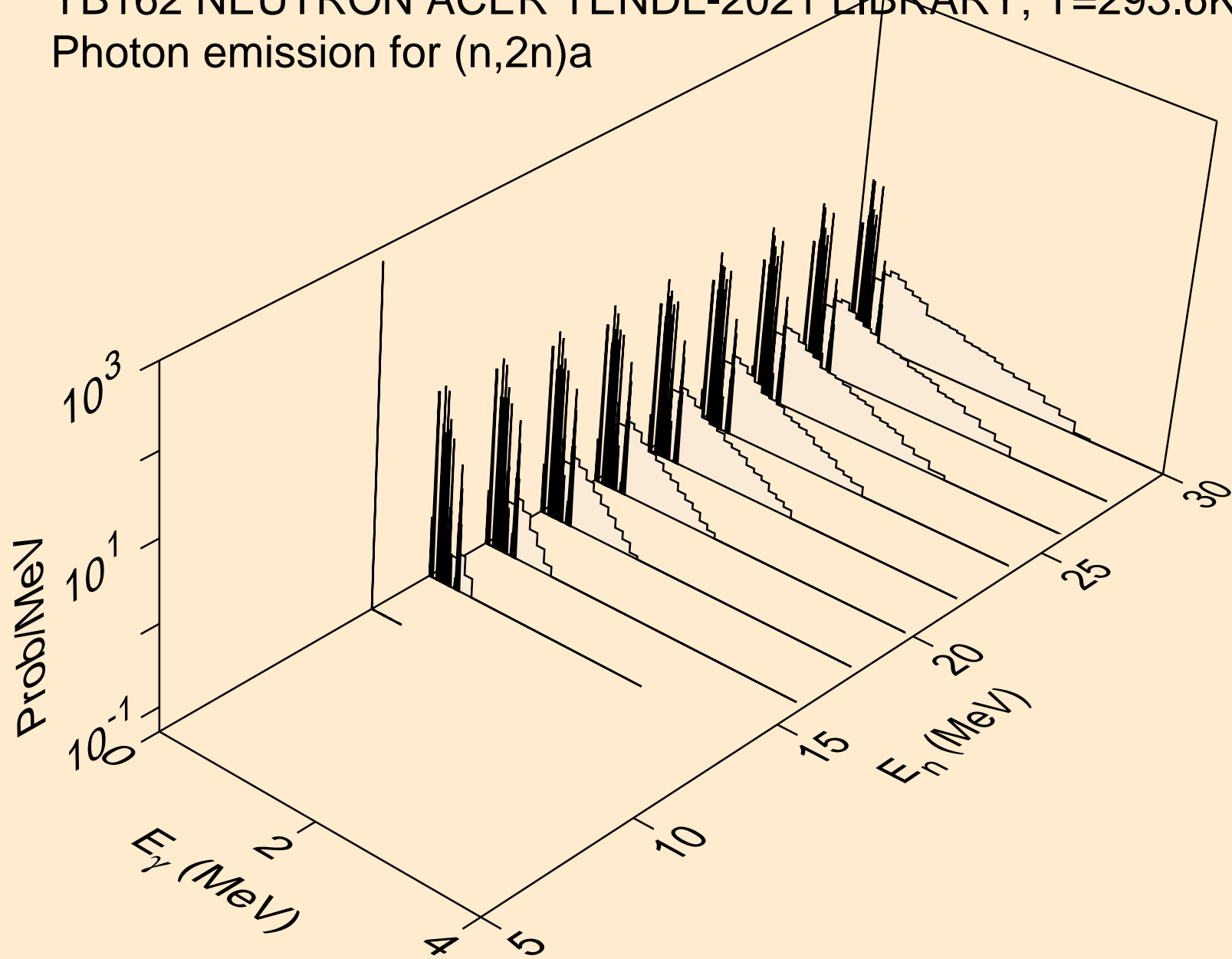
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Photon emission for (n,3n)



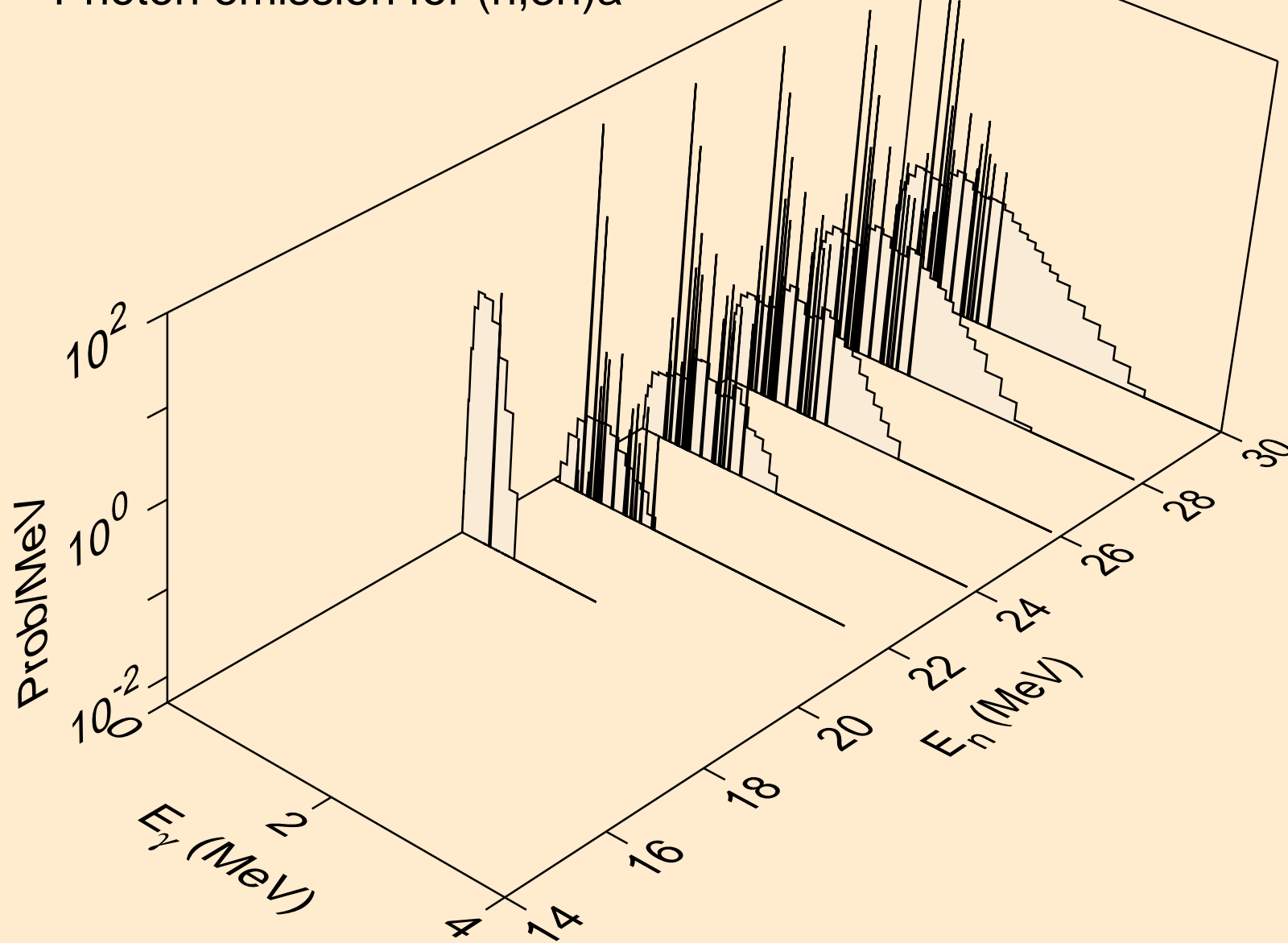
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



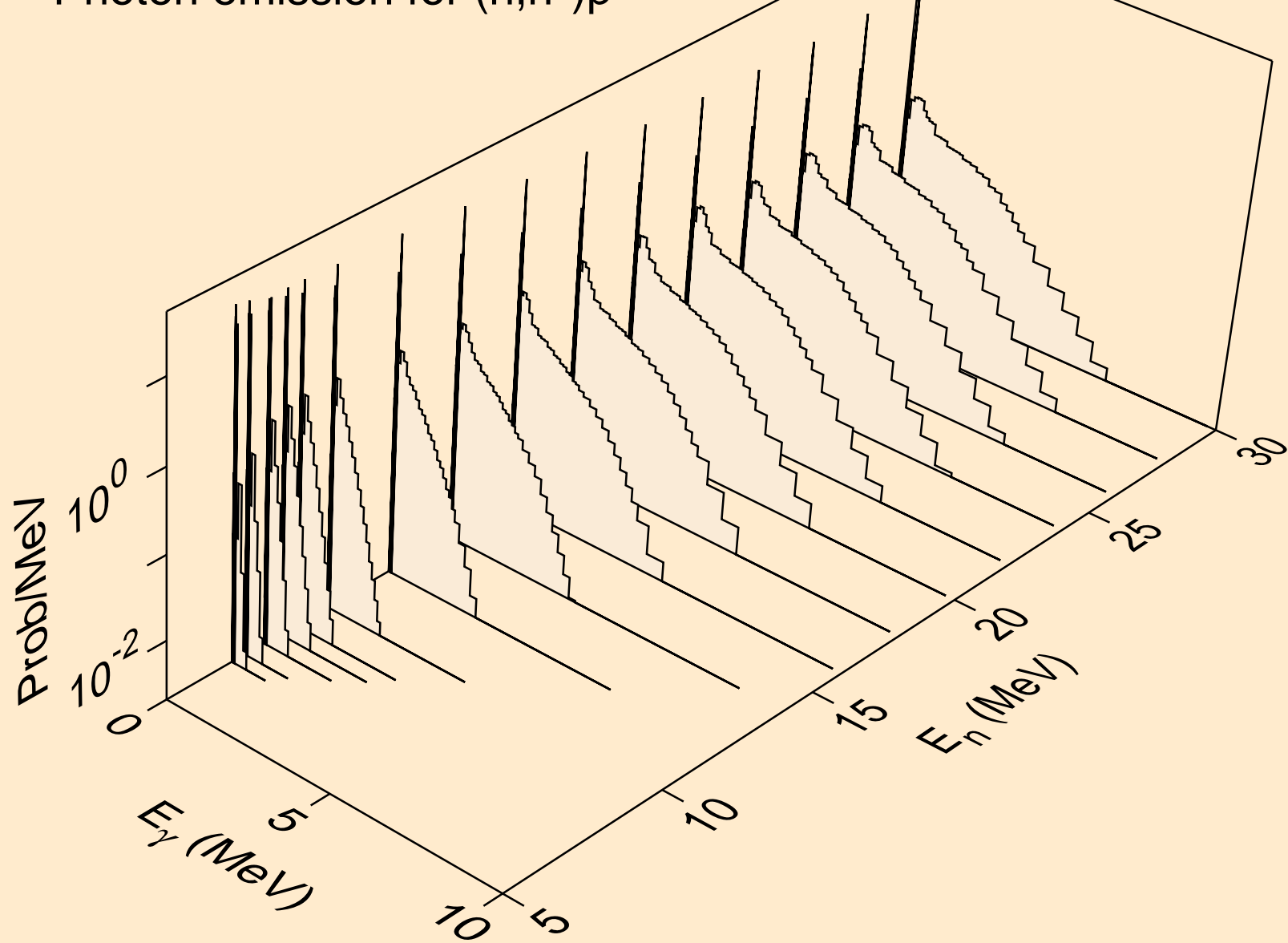
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

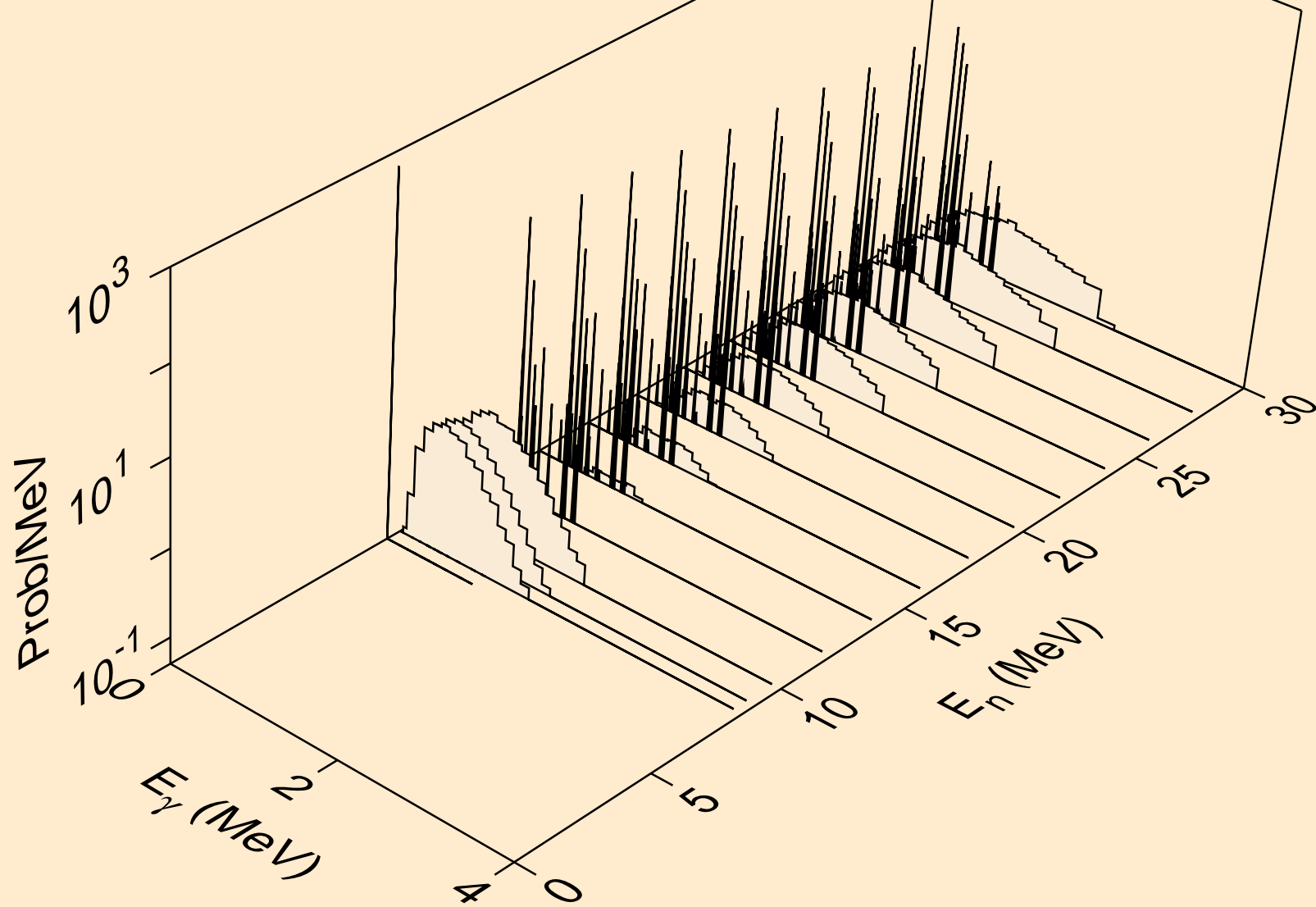


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

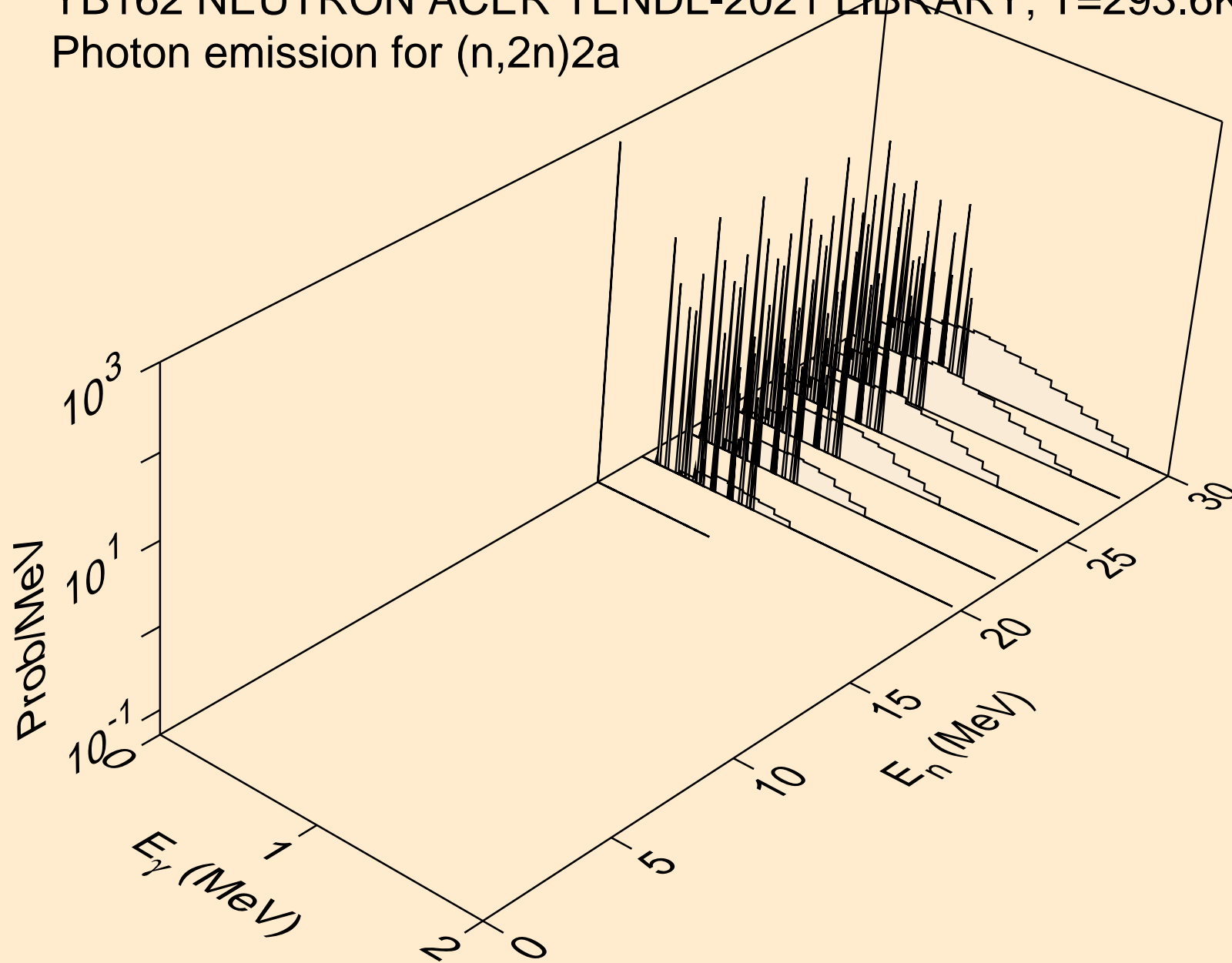




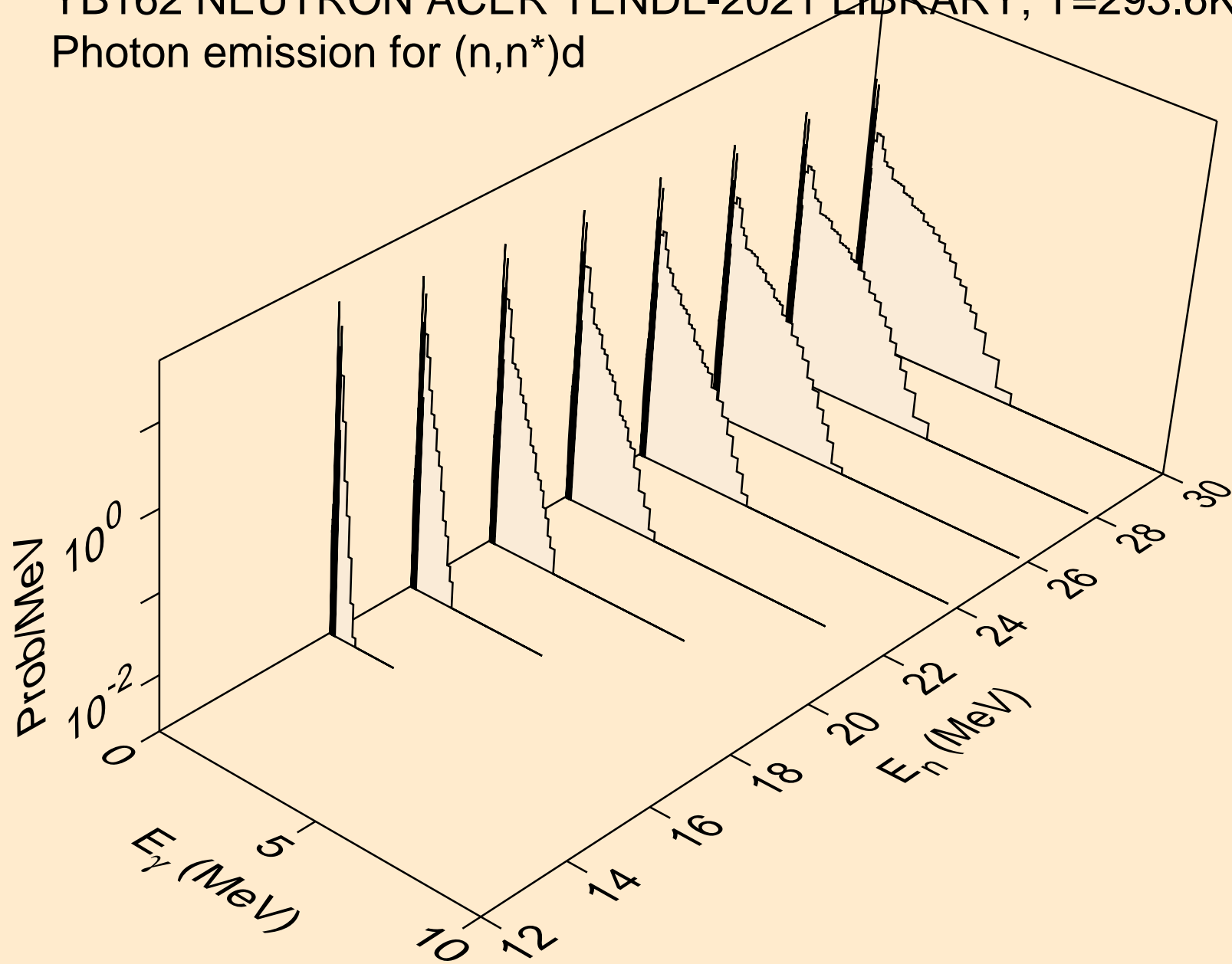
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Photon emission for (n,n\*)2a



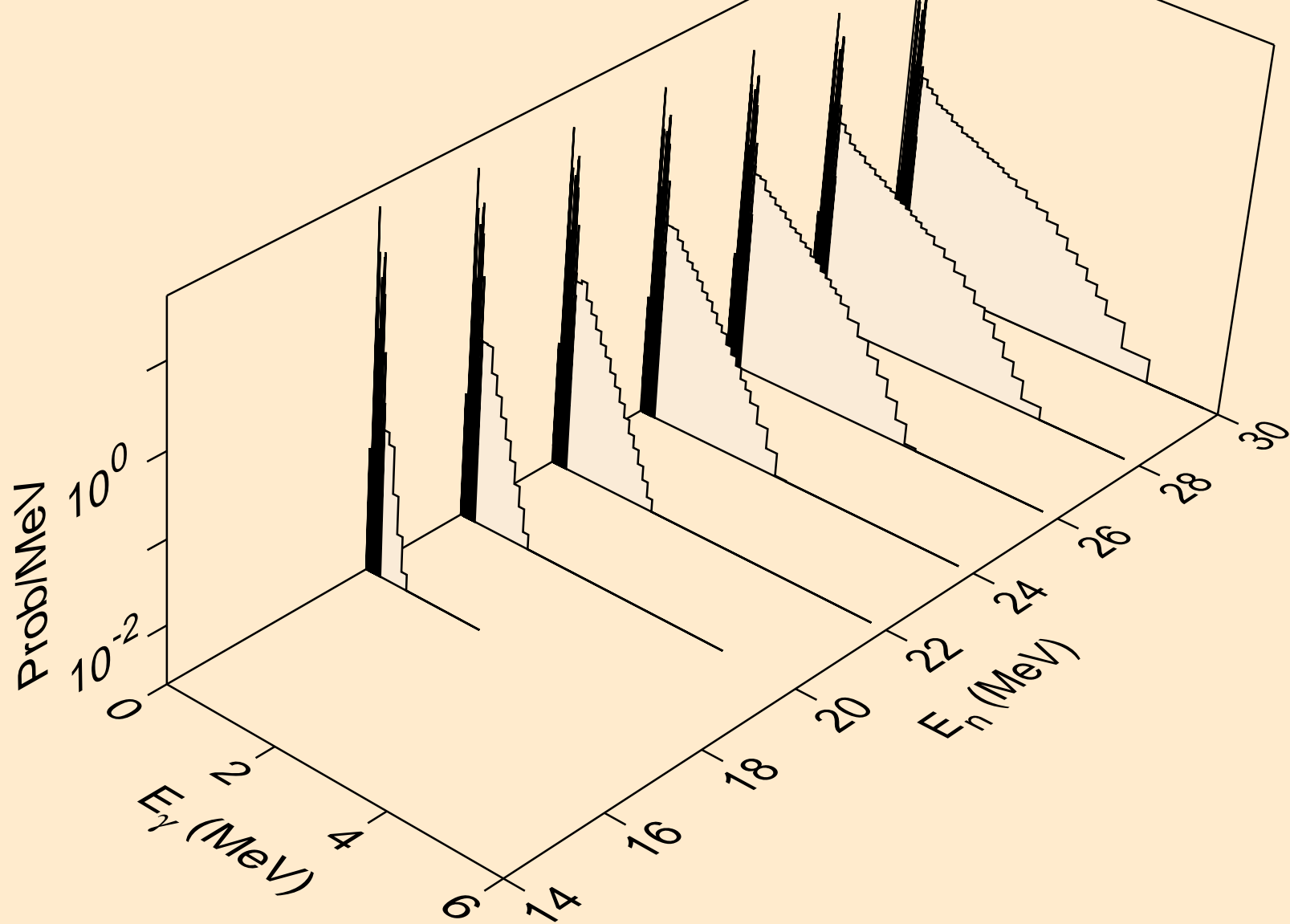
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Photon emission for (n,2n)2a



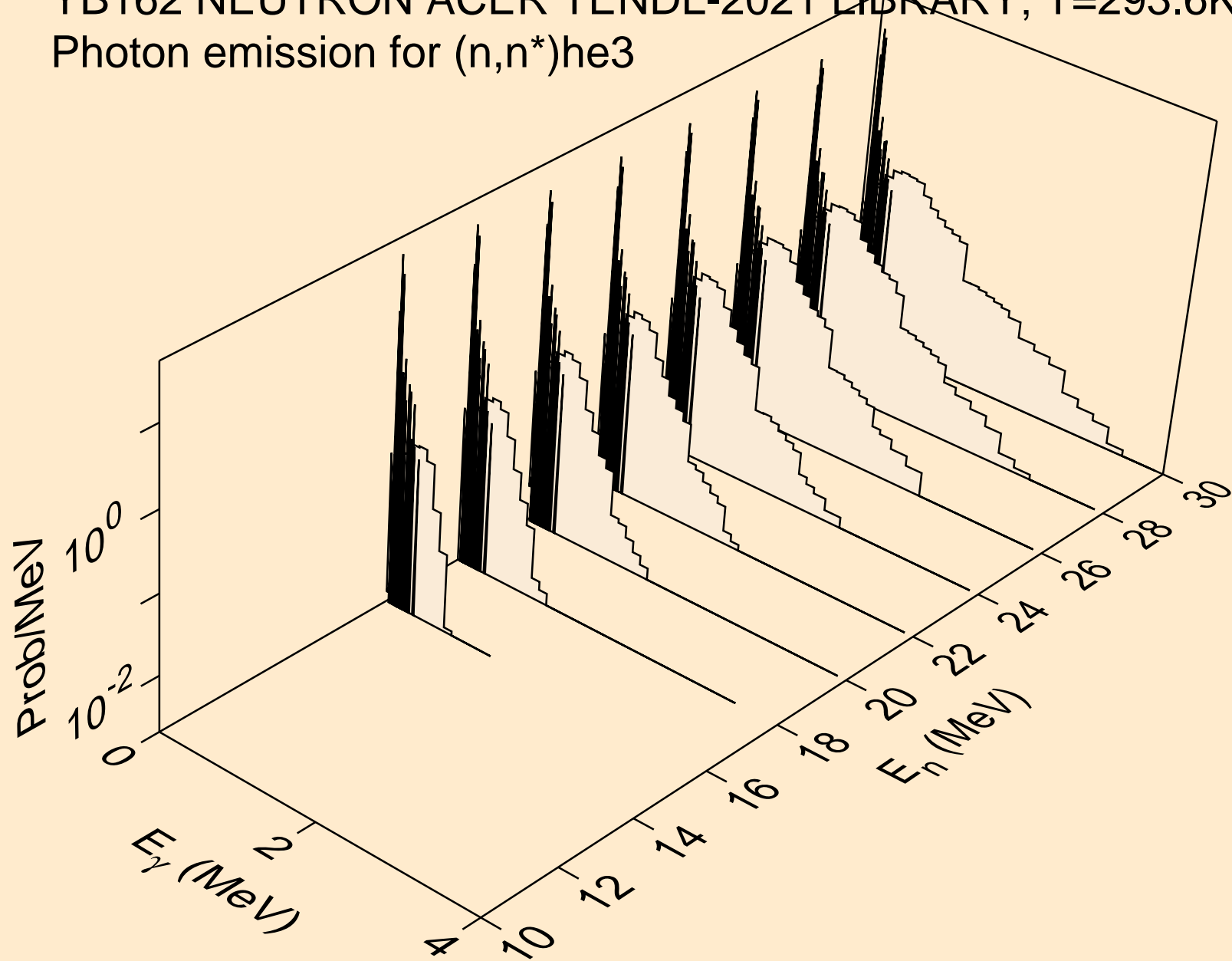
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



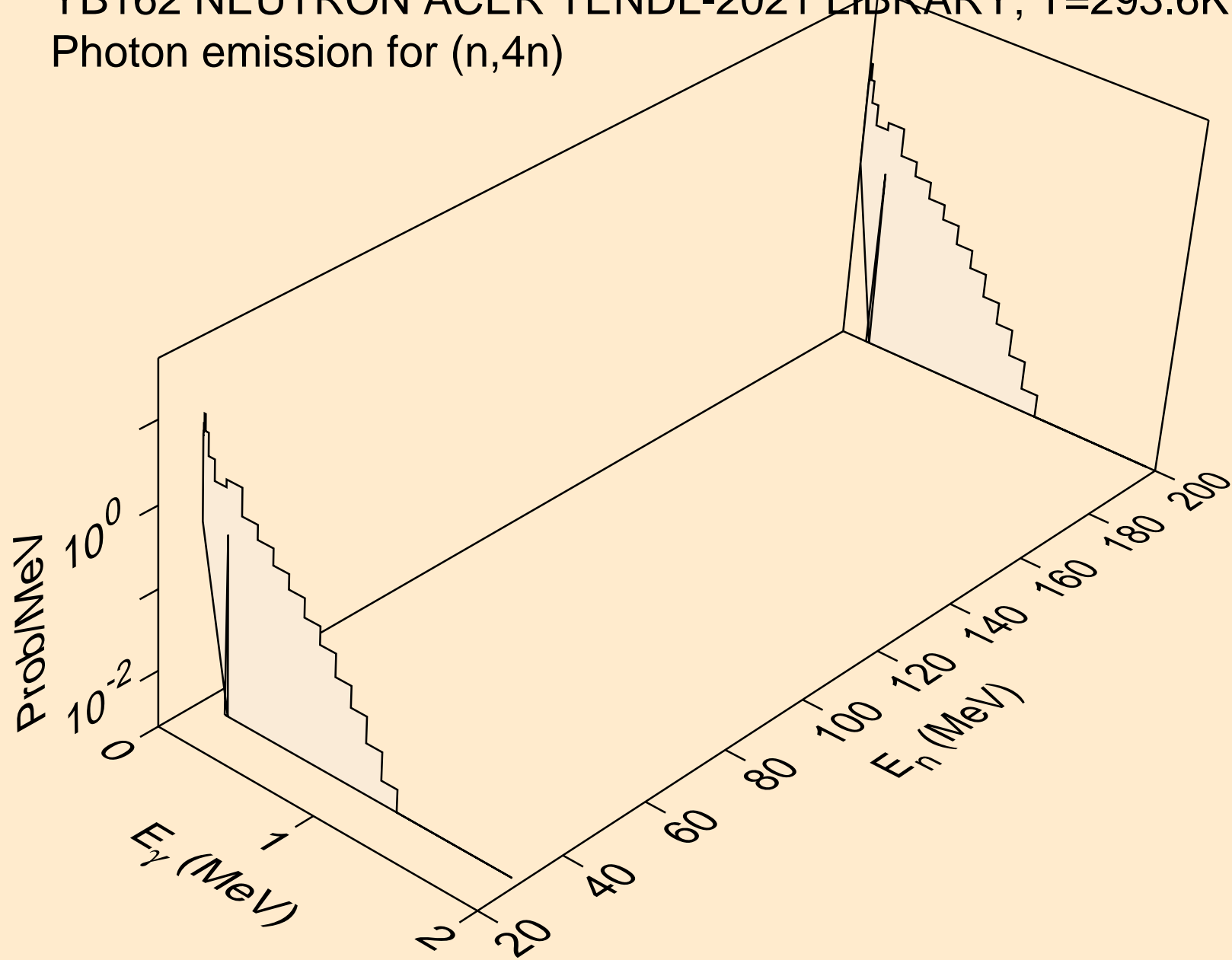
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Photon emission for (n,n\*)t



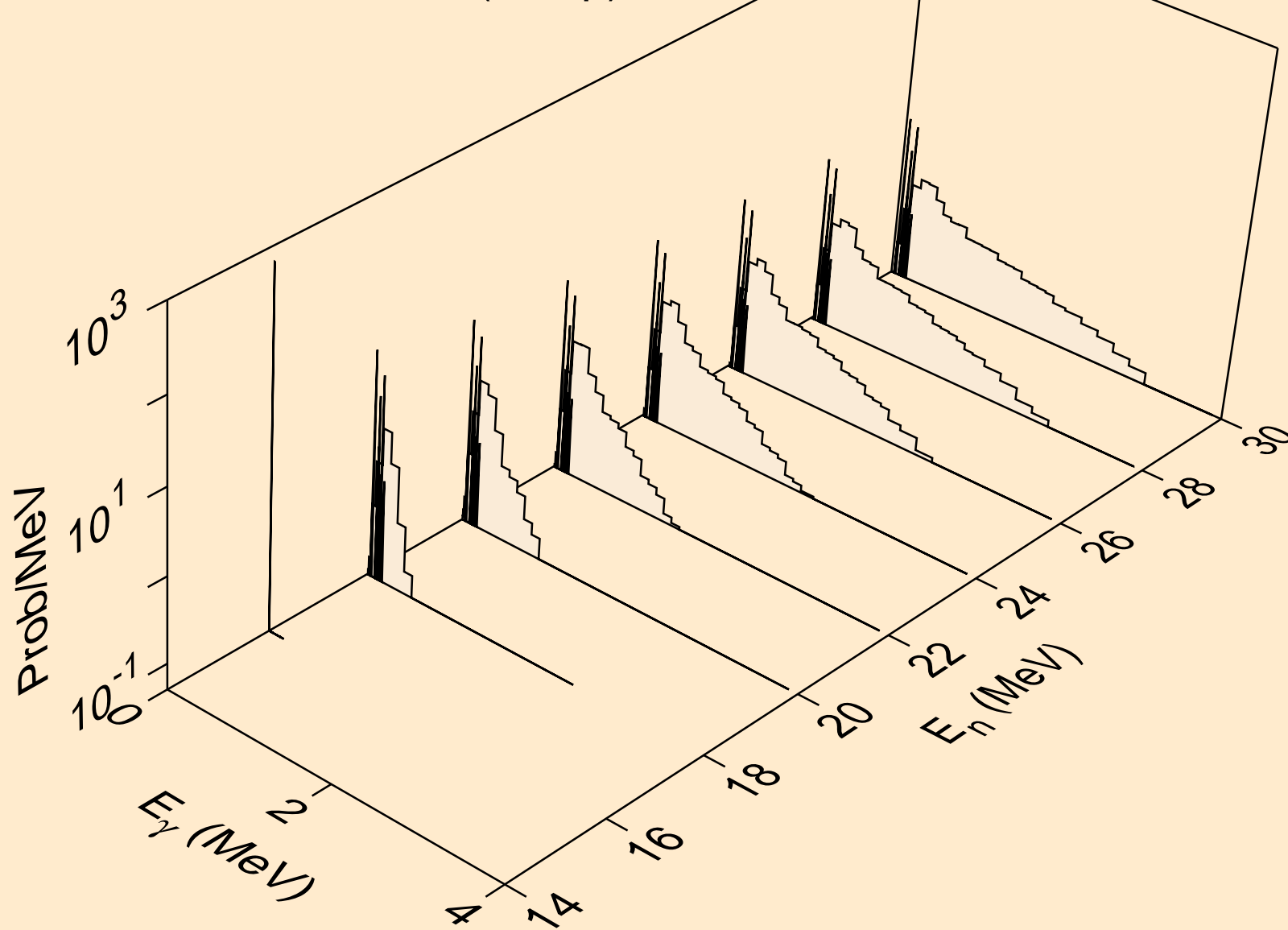
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Photon emission for (n,n\*)he3



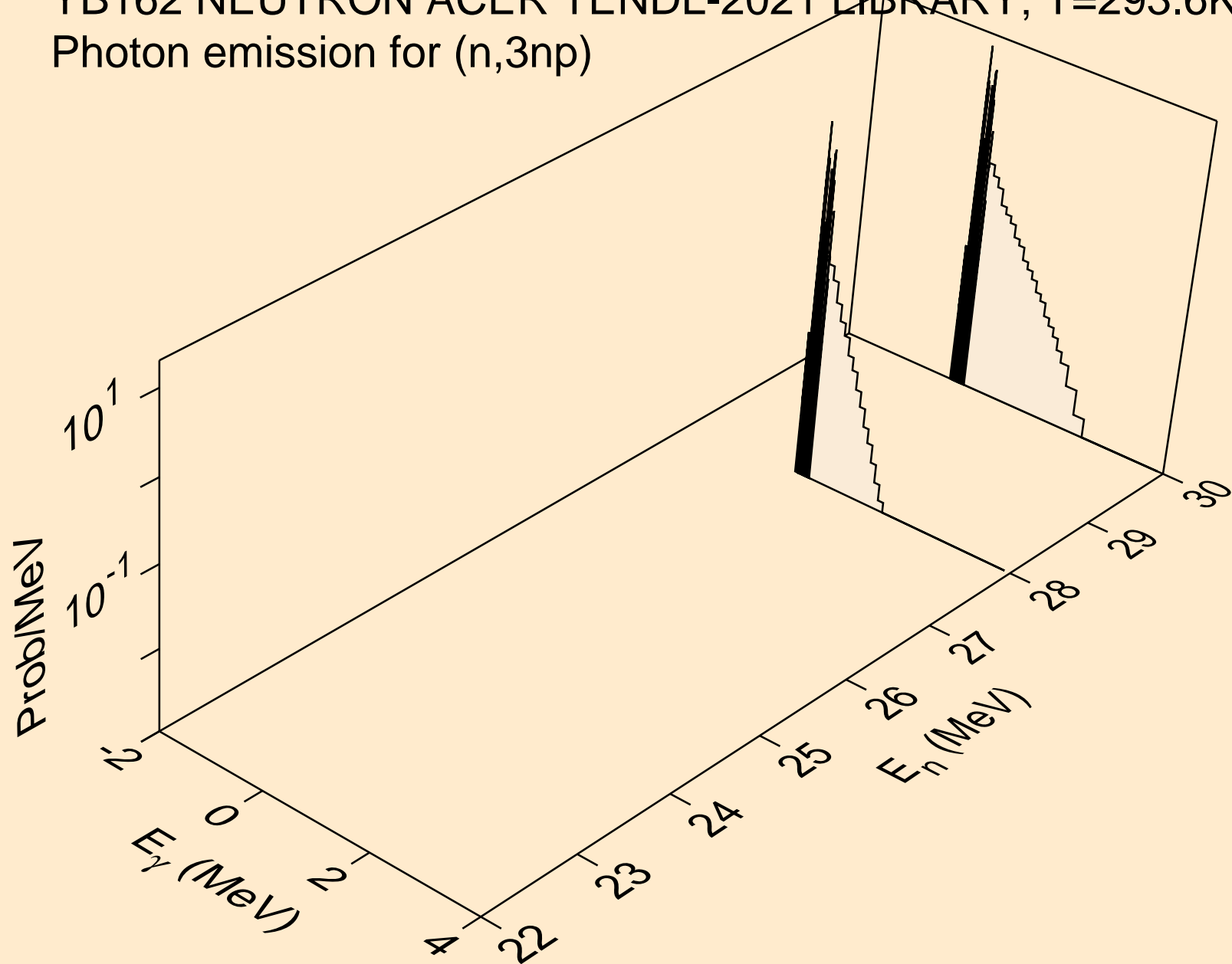
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

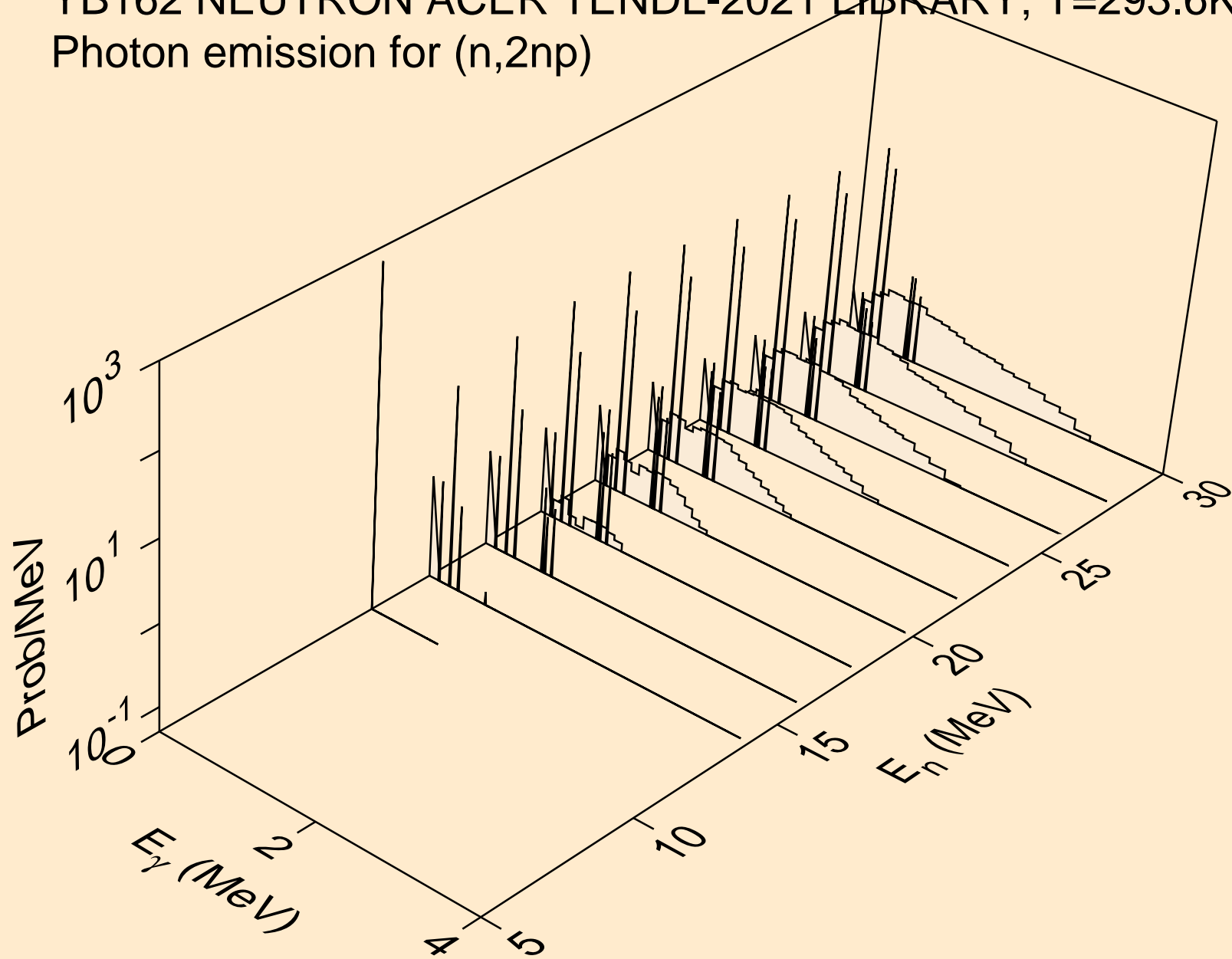


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Photon emission for (n,3np)

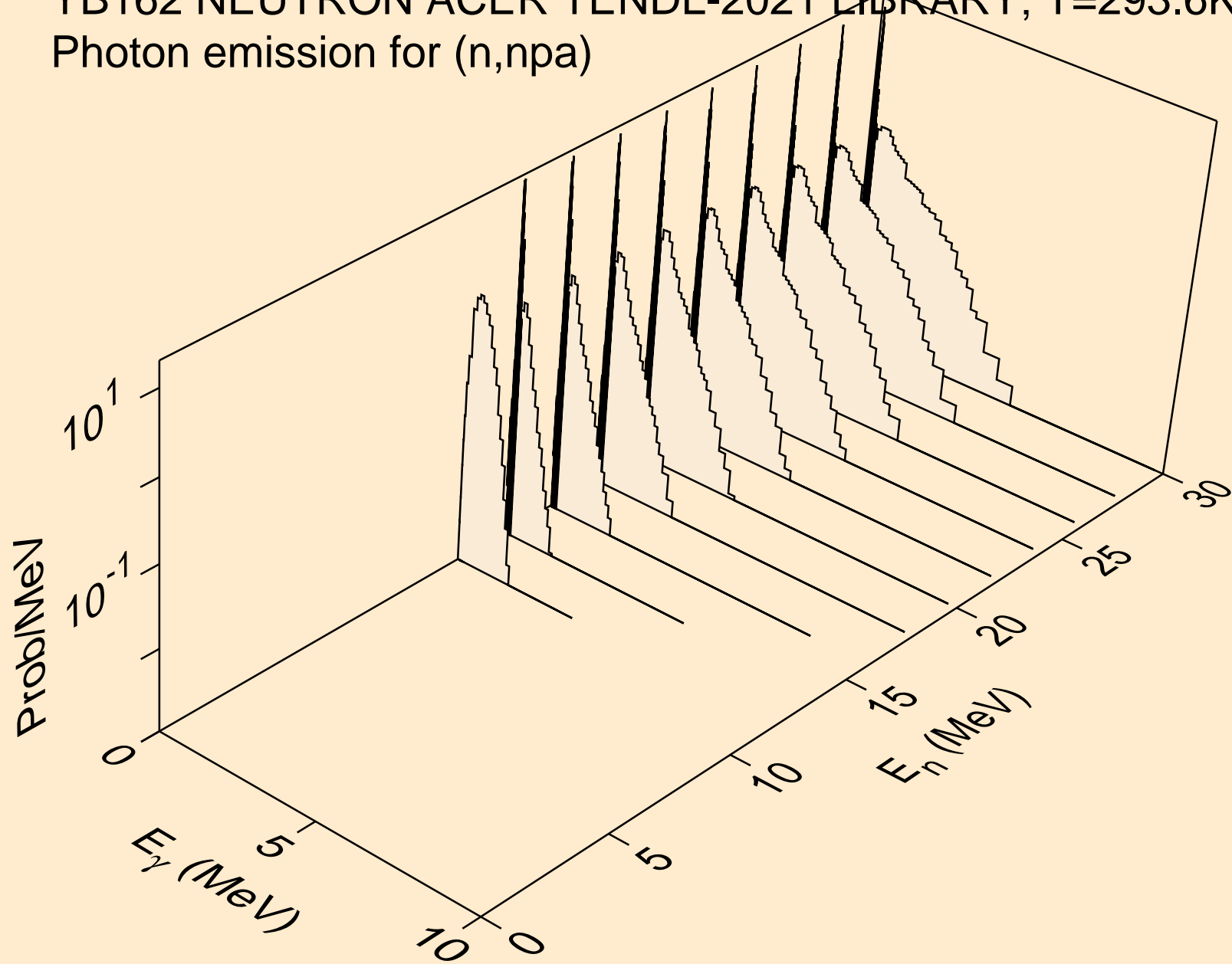




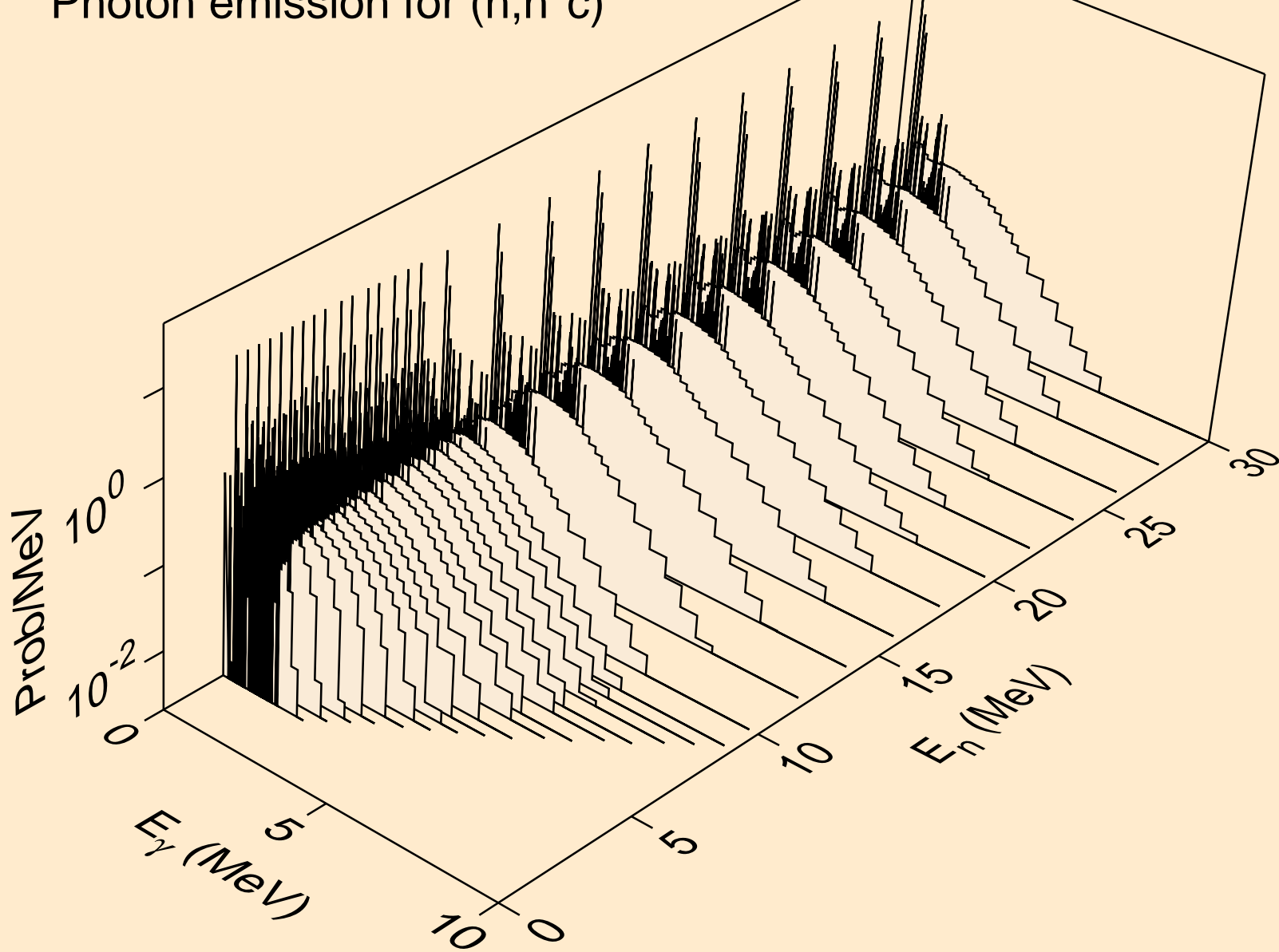
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Photon emission for (n,2np)



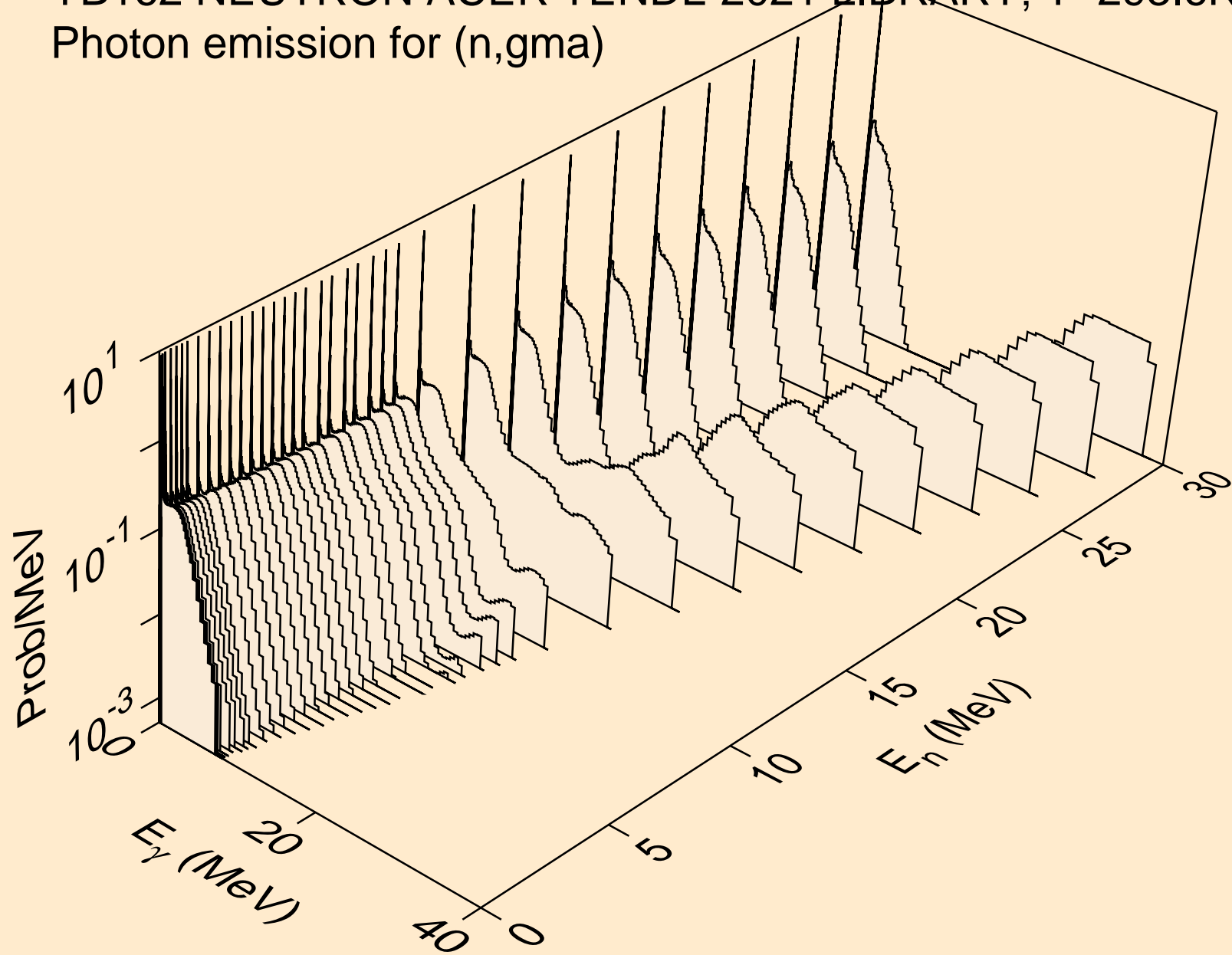
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Photon emission for (n,npa)



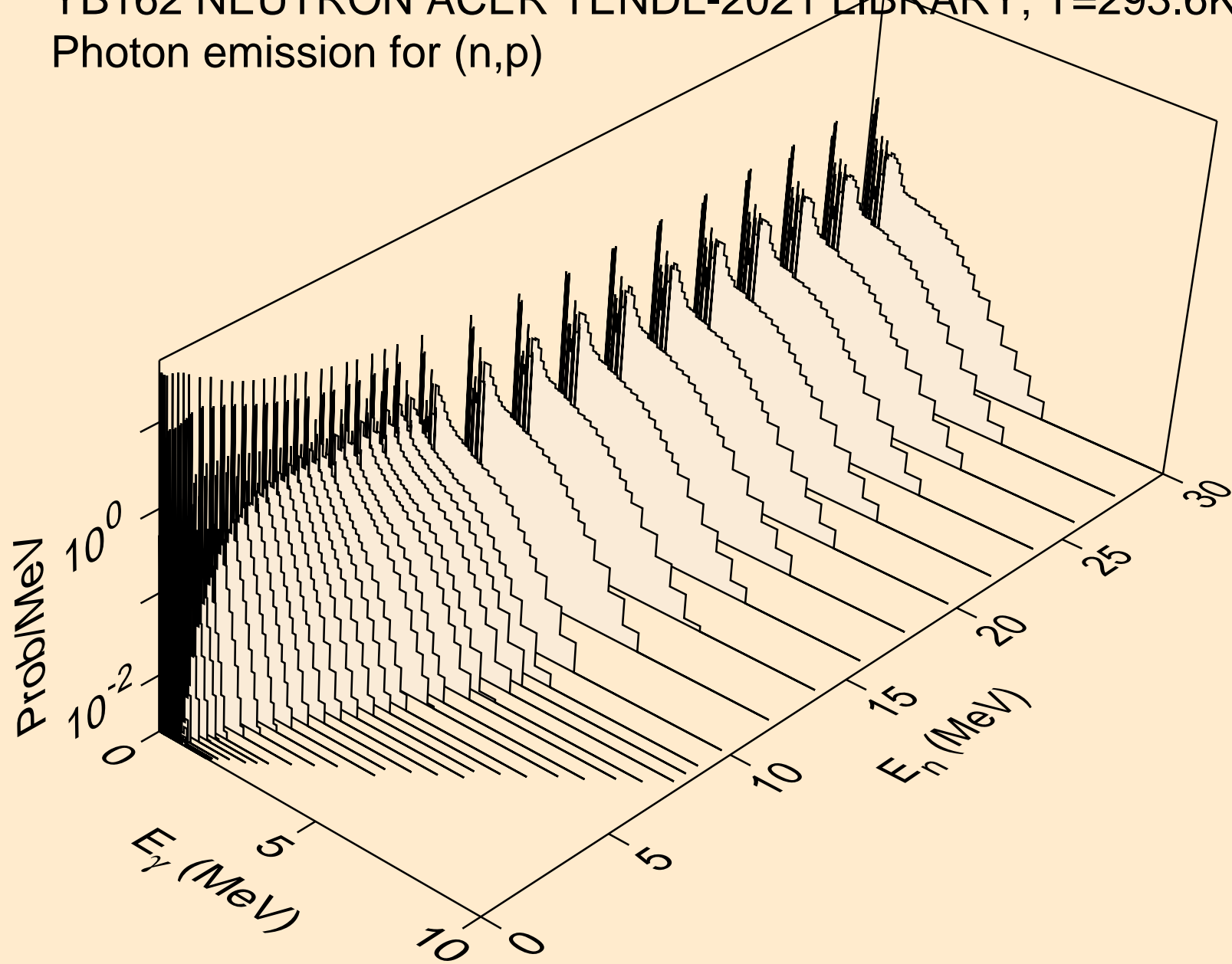
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Photon emission for (n,n\*c)



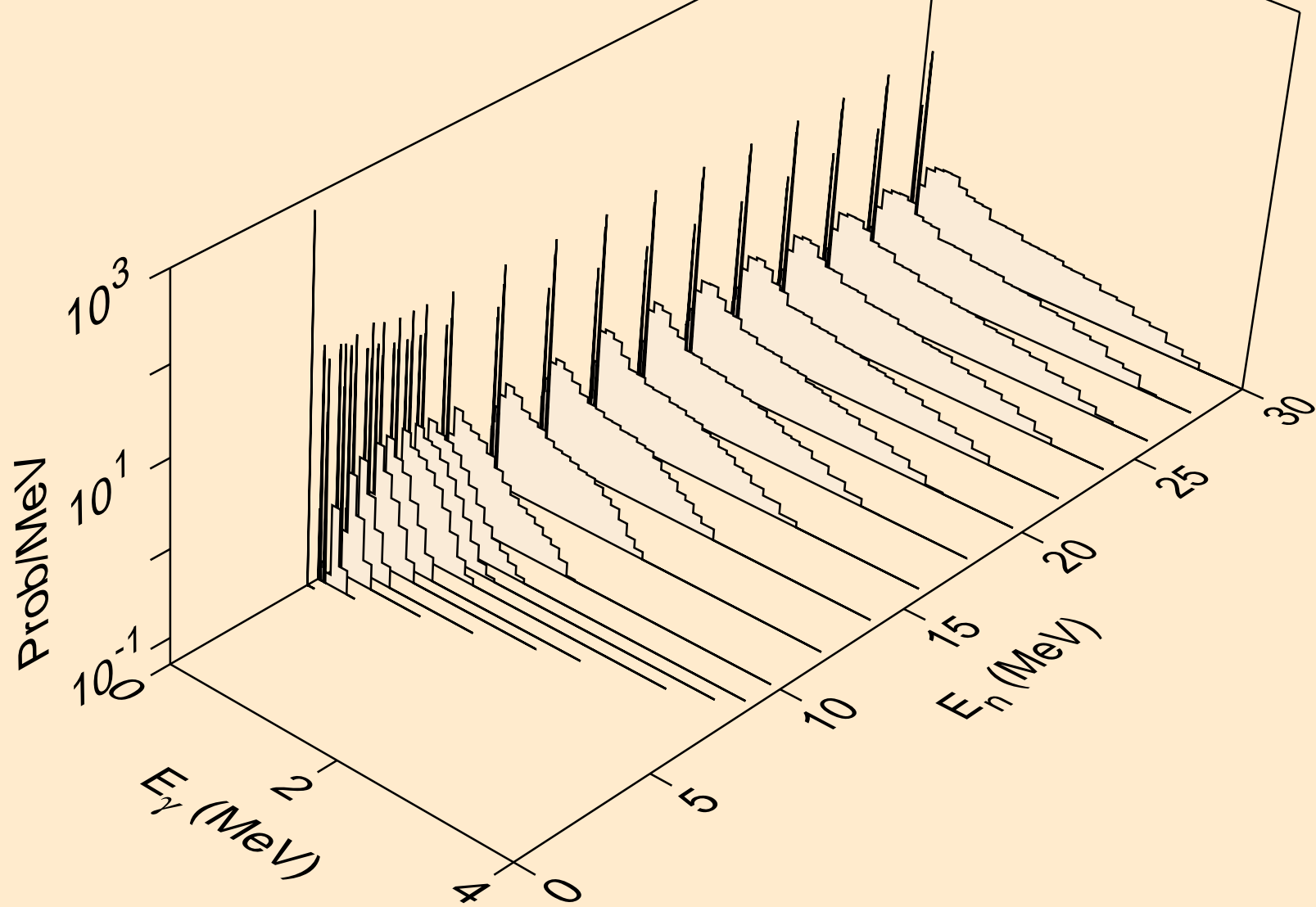
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Photon emission for (n,gma)



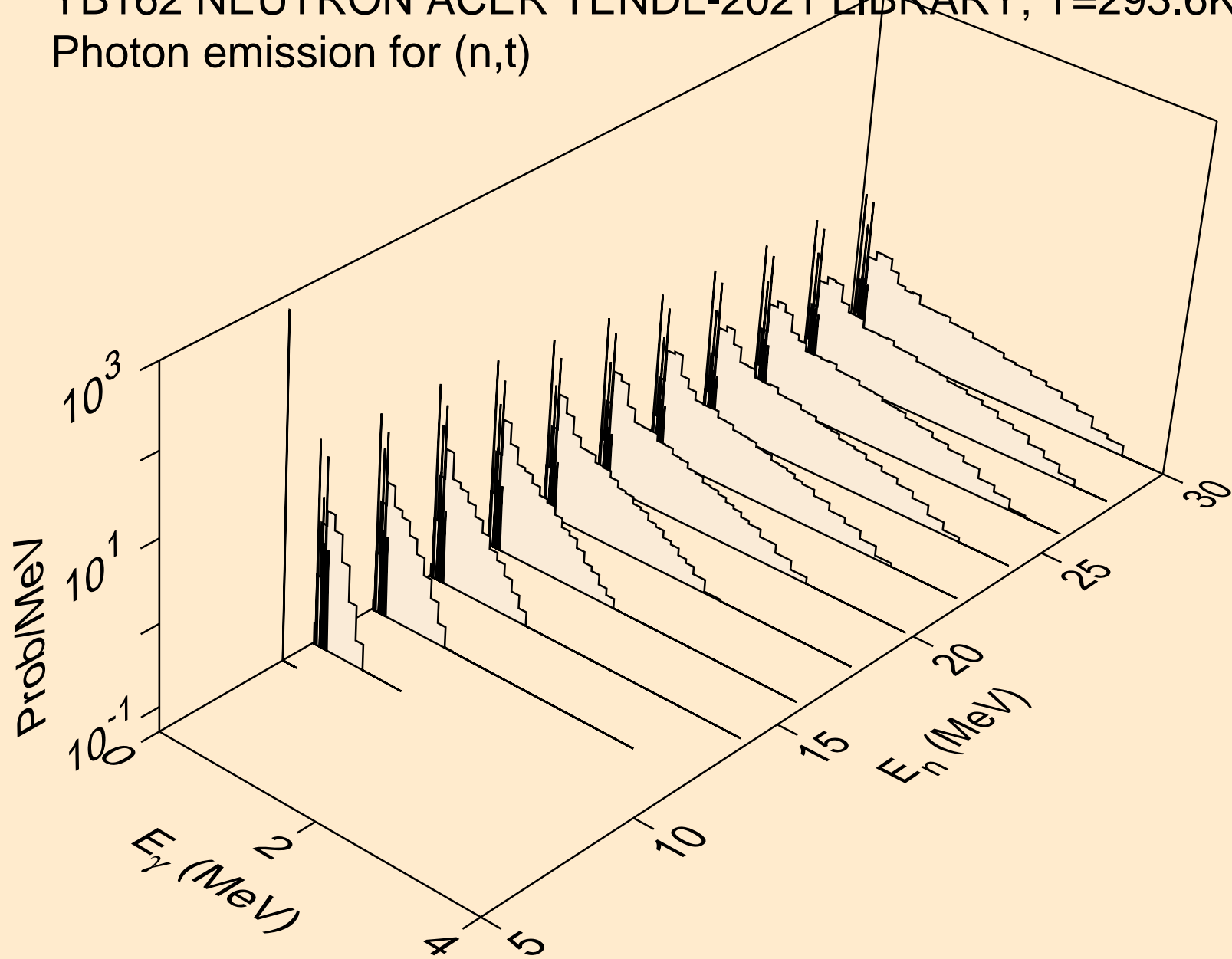
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Photon emission for (n,p)



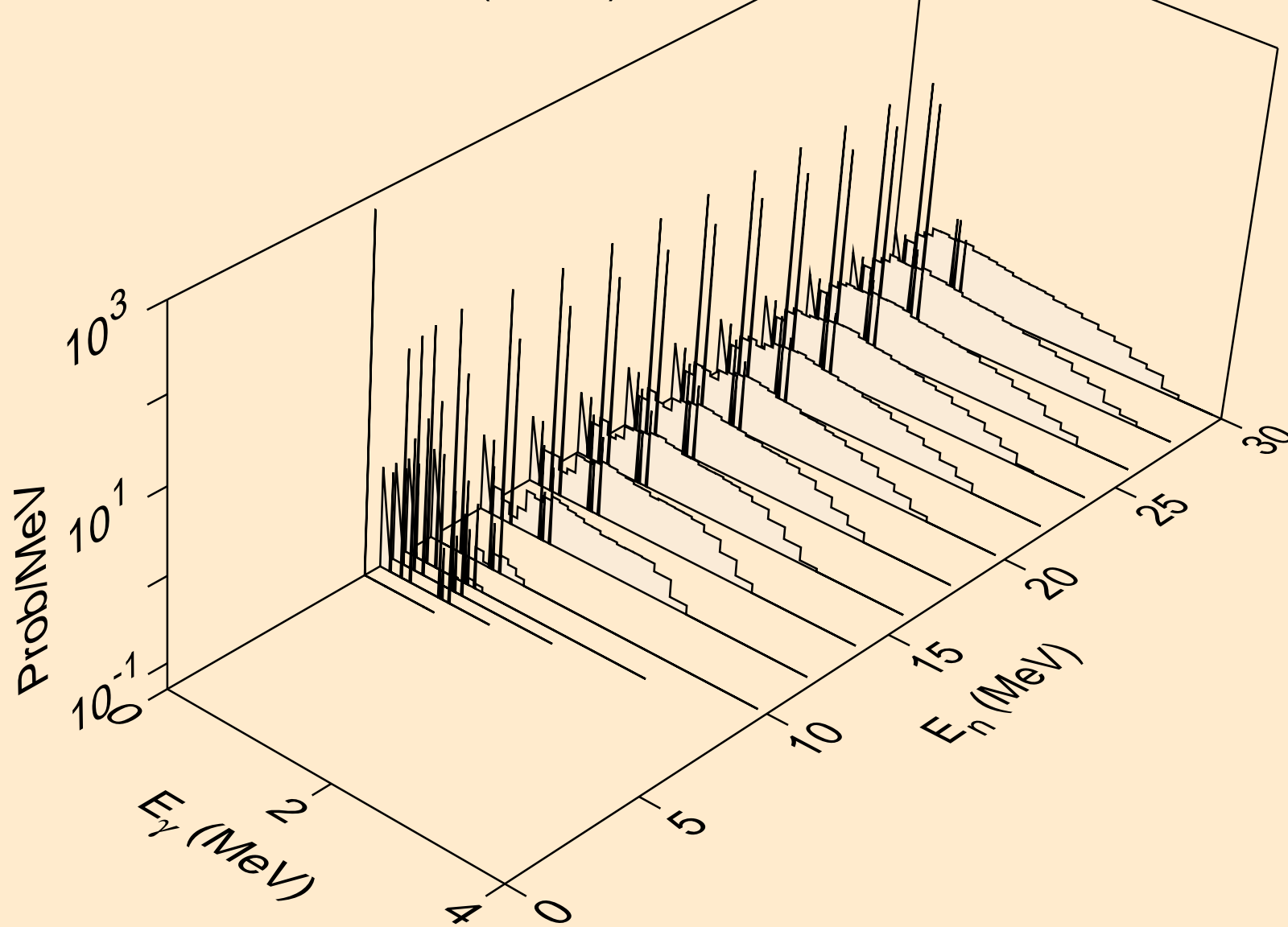
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Photon emission for (n,d)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

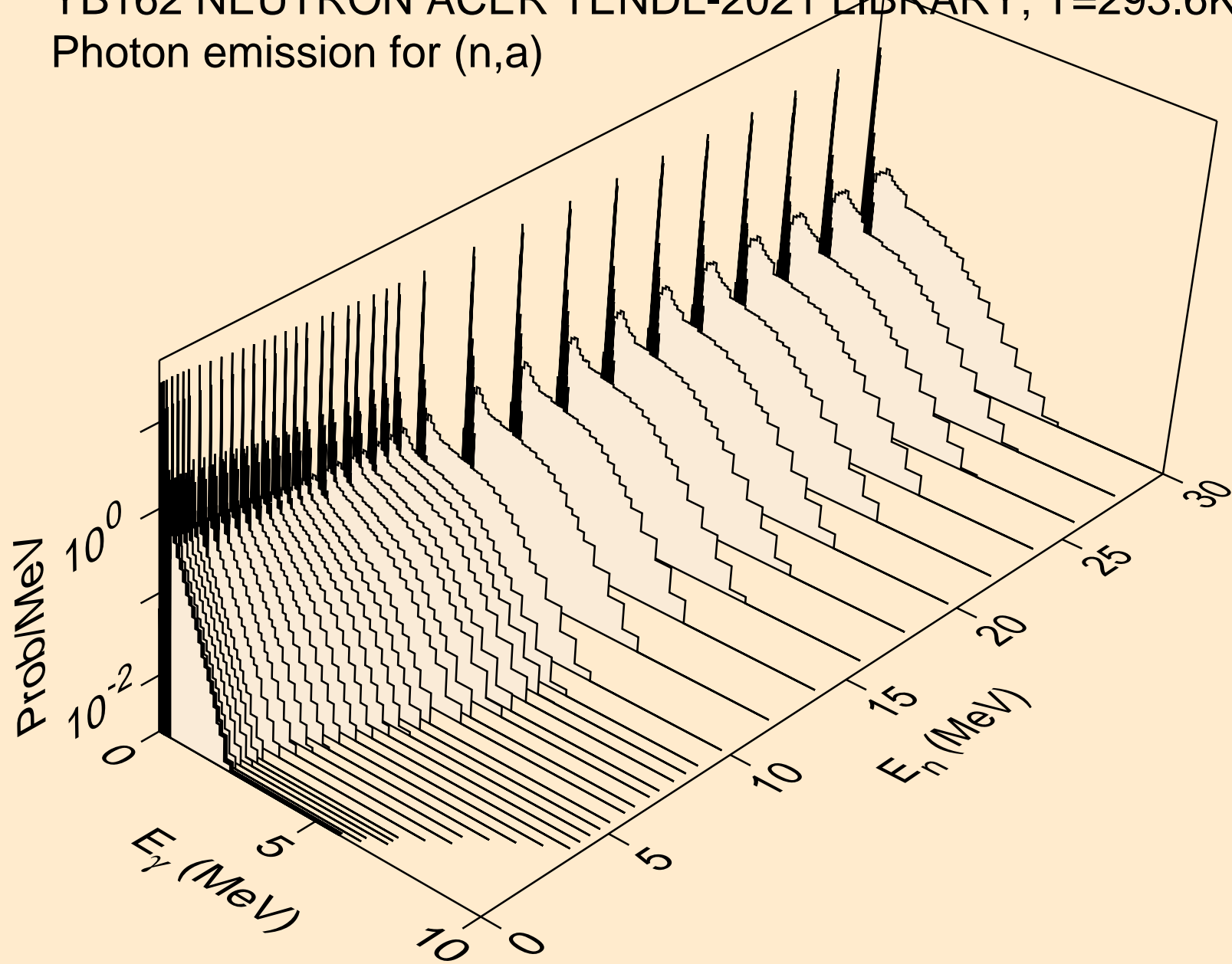


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Photon emission for (n,he3)

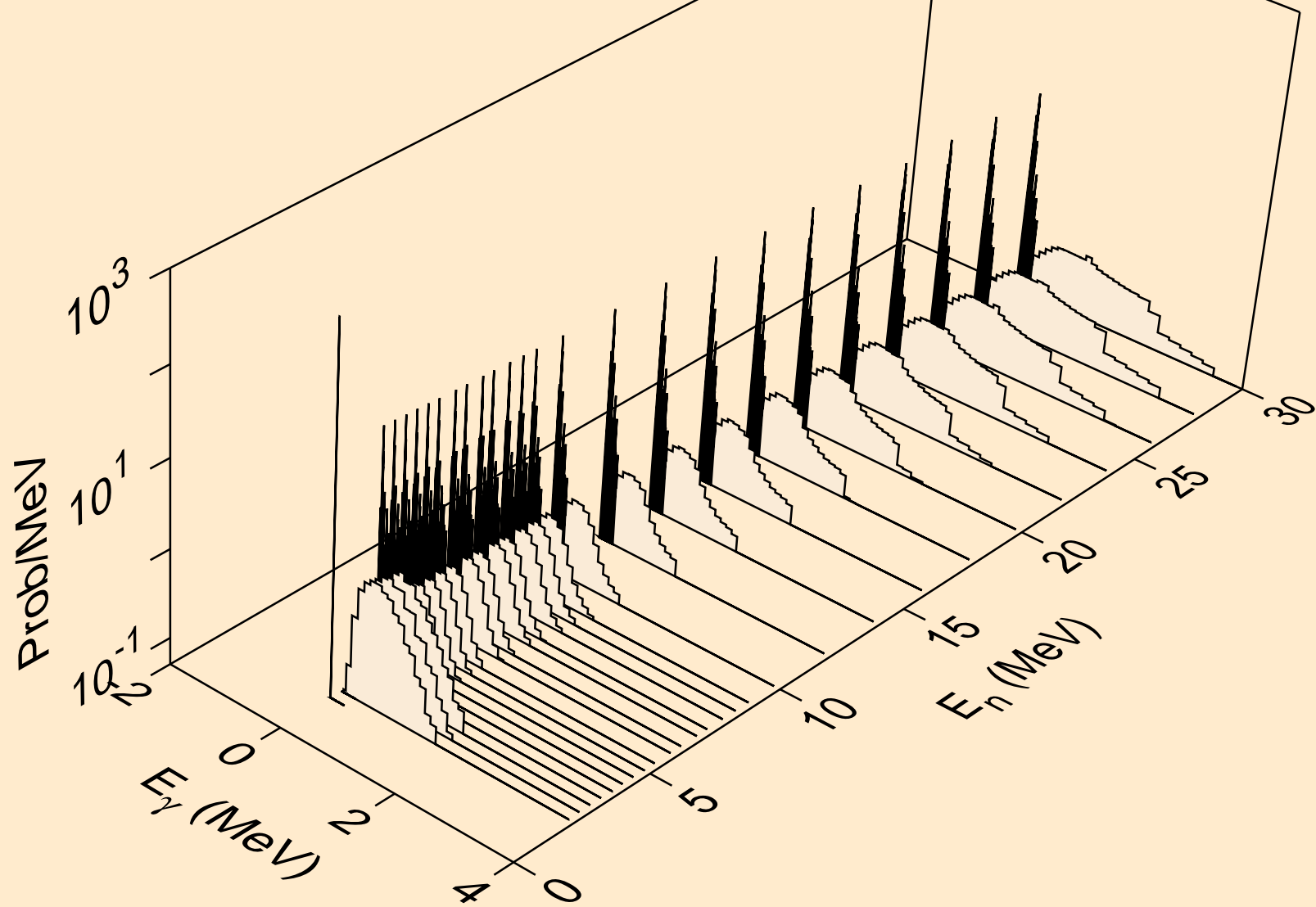




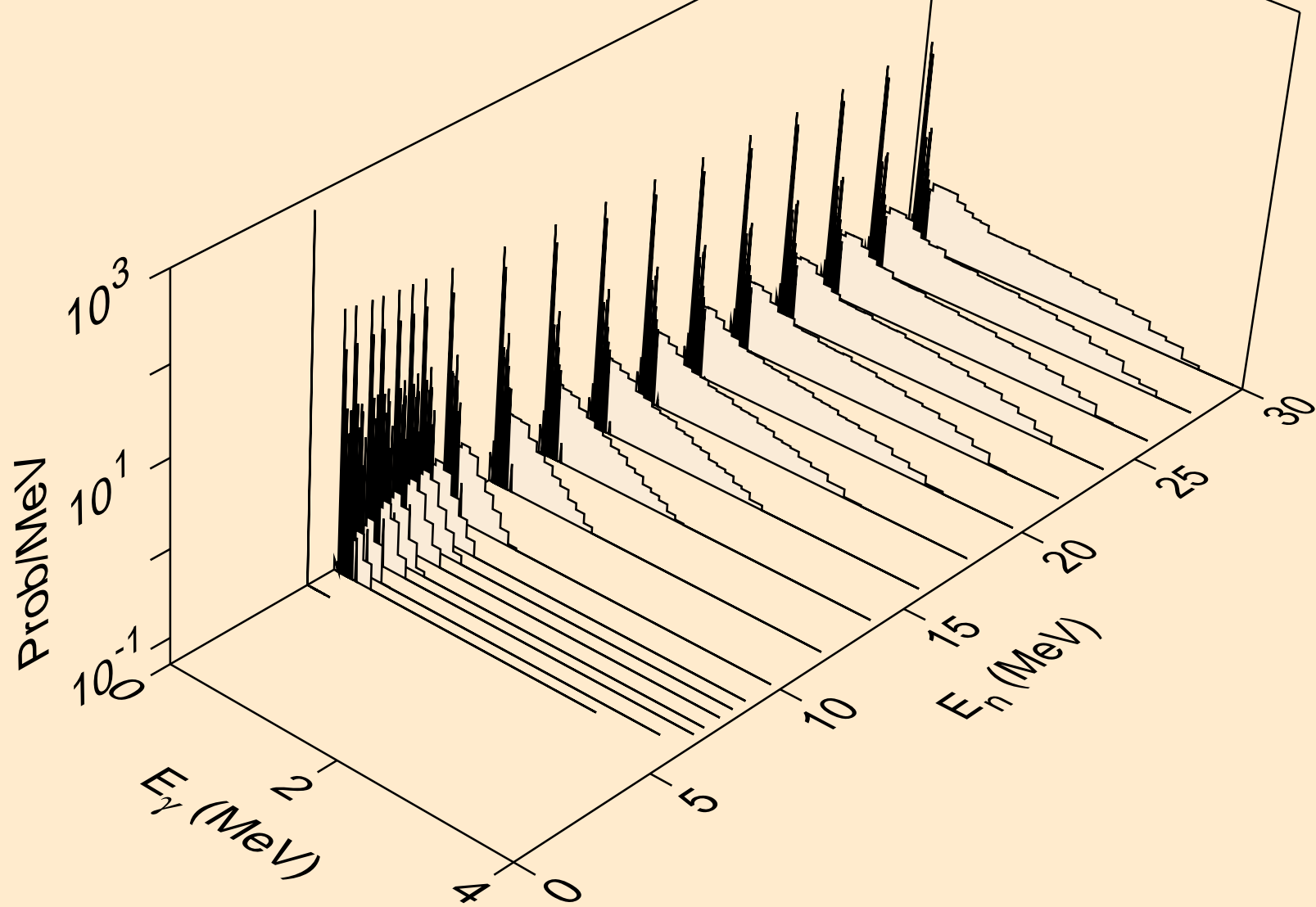
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Photon emission for (n,a)



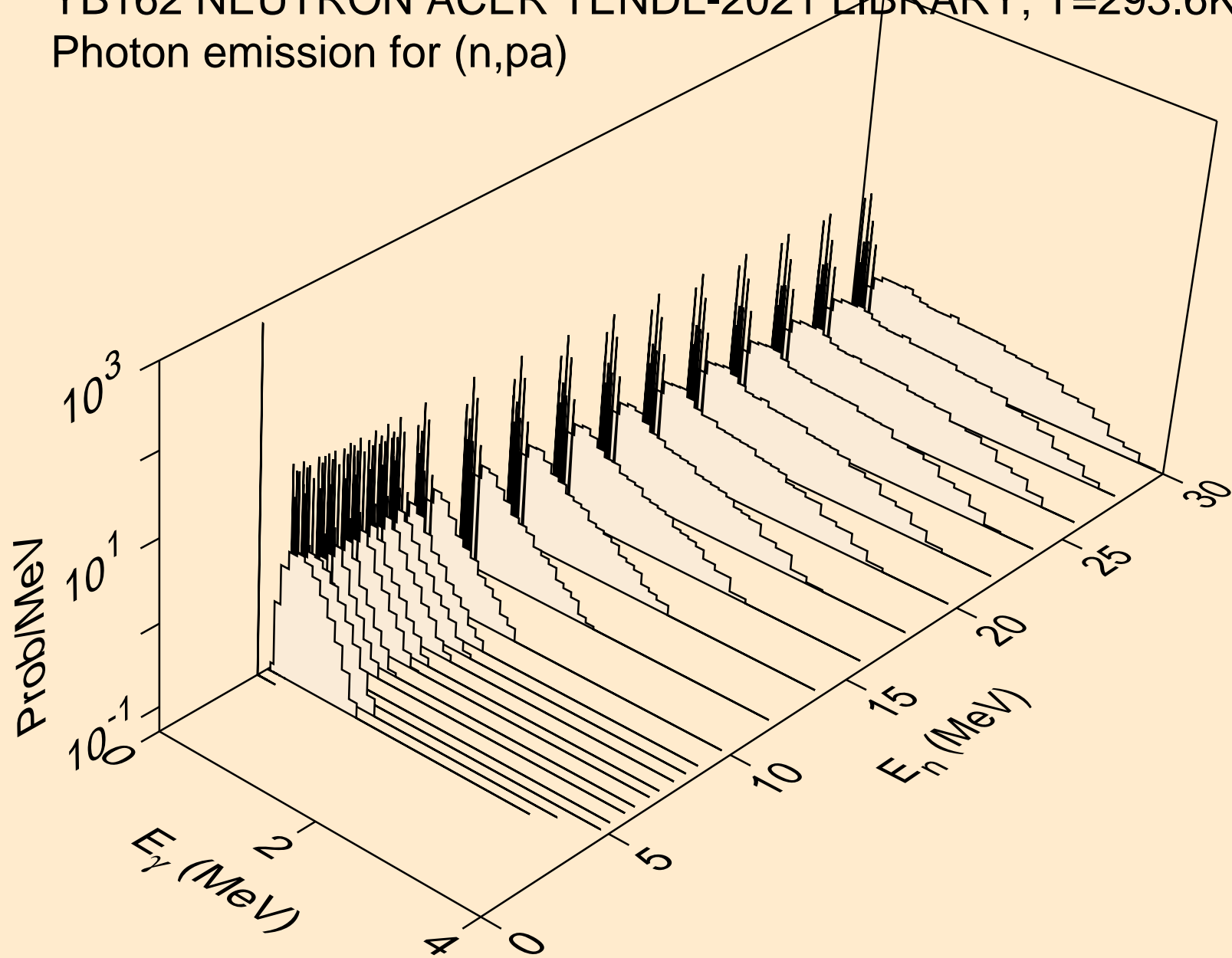
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Photon emission for (n,2a)



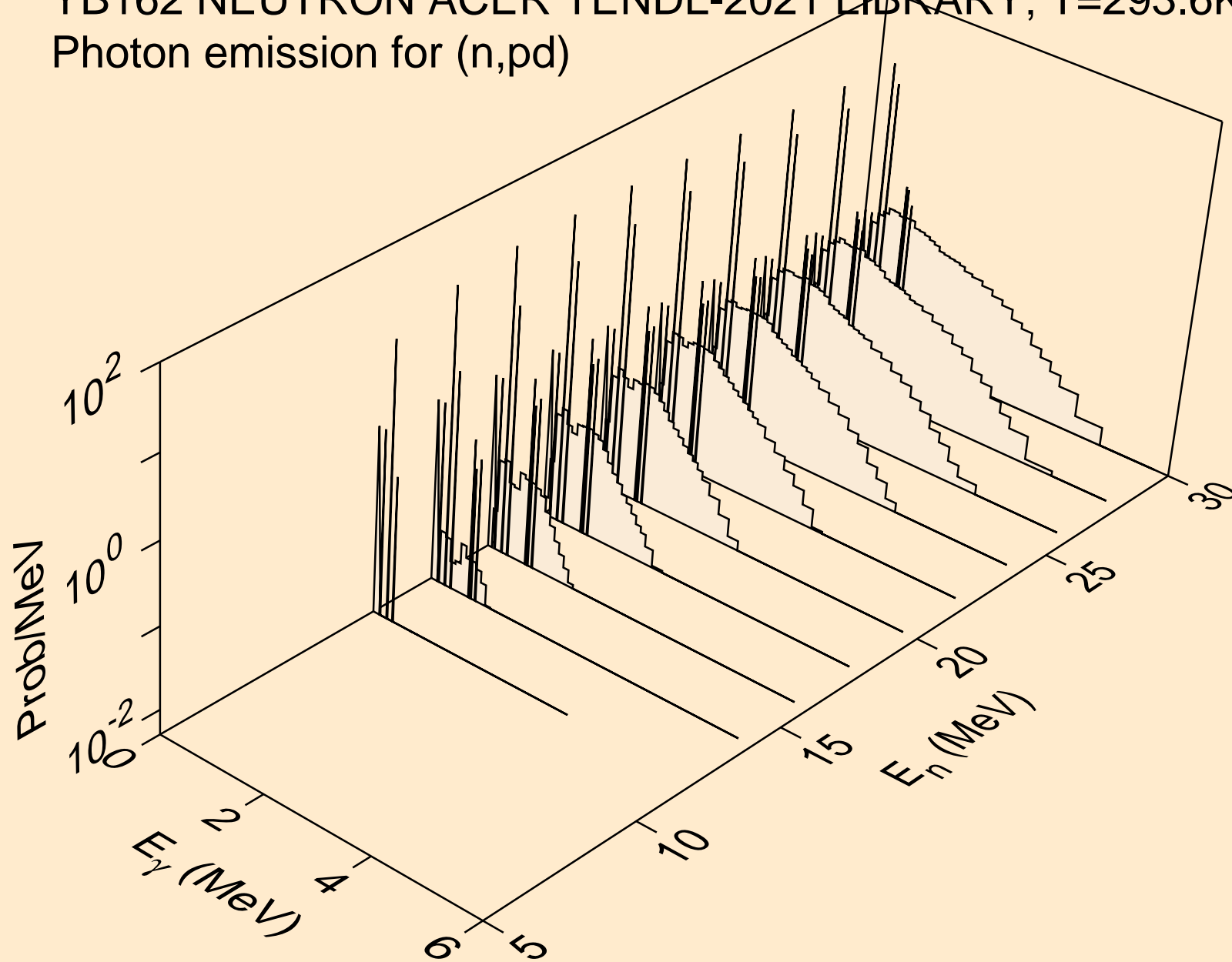
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Photon emission for (n,2p)



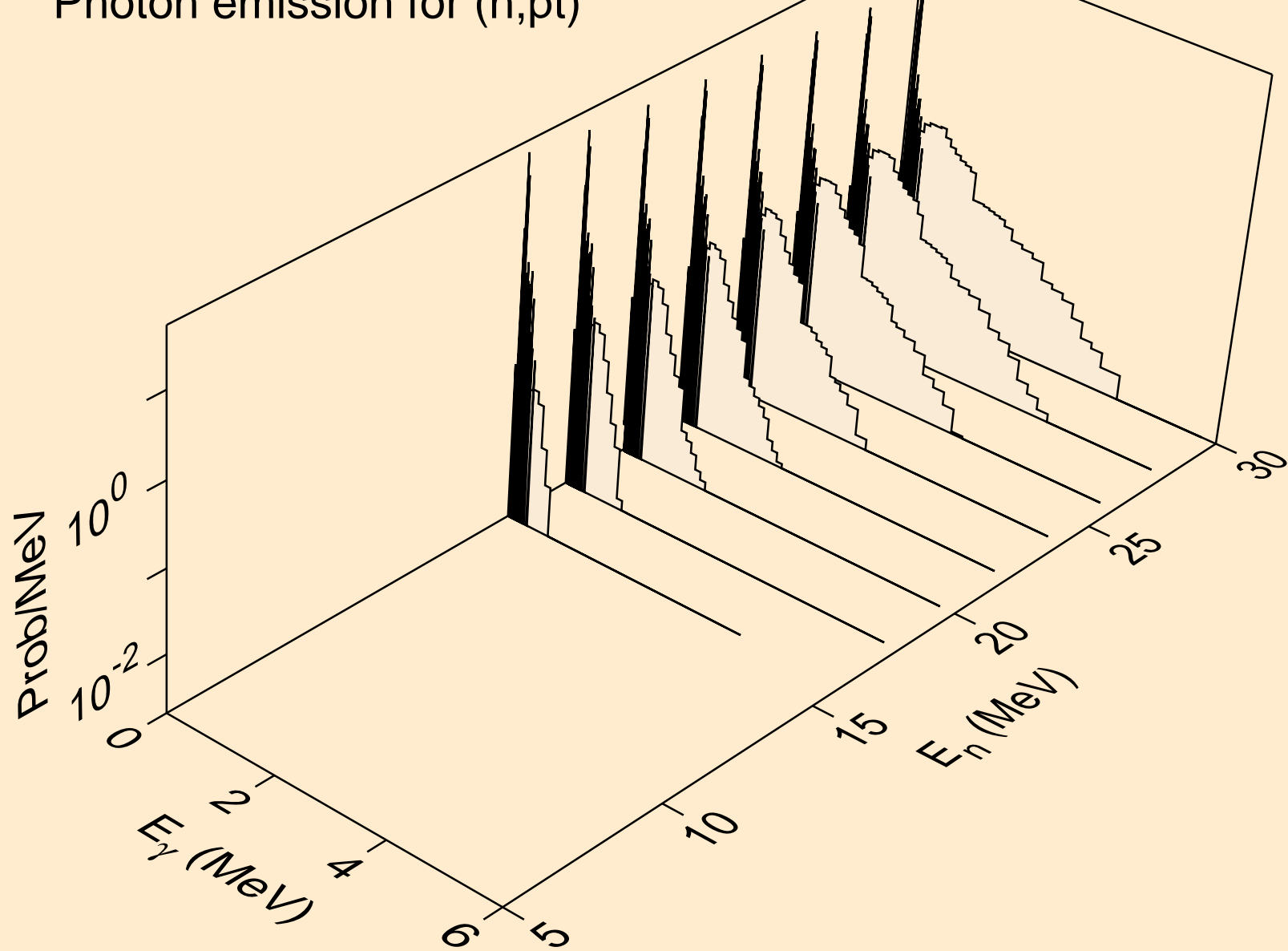
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



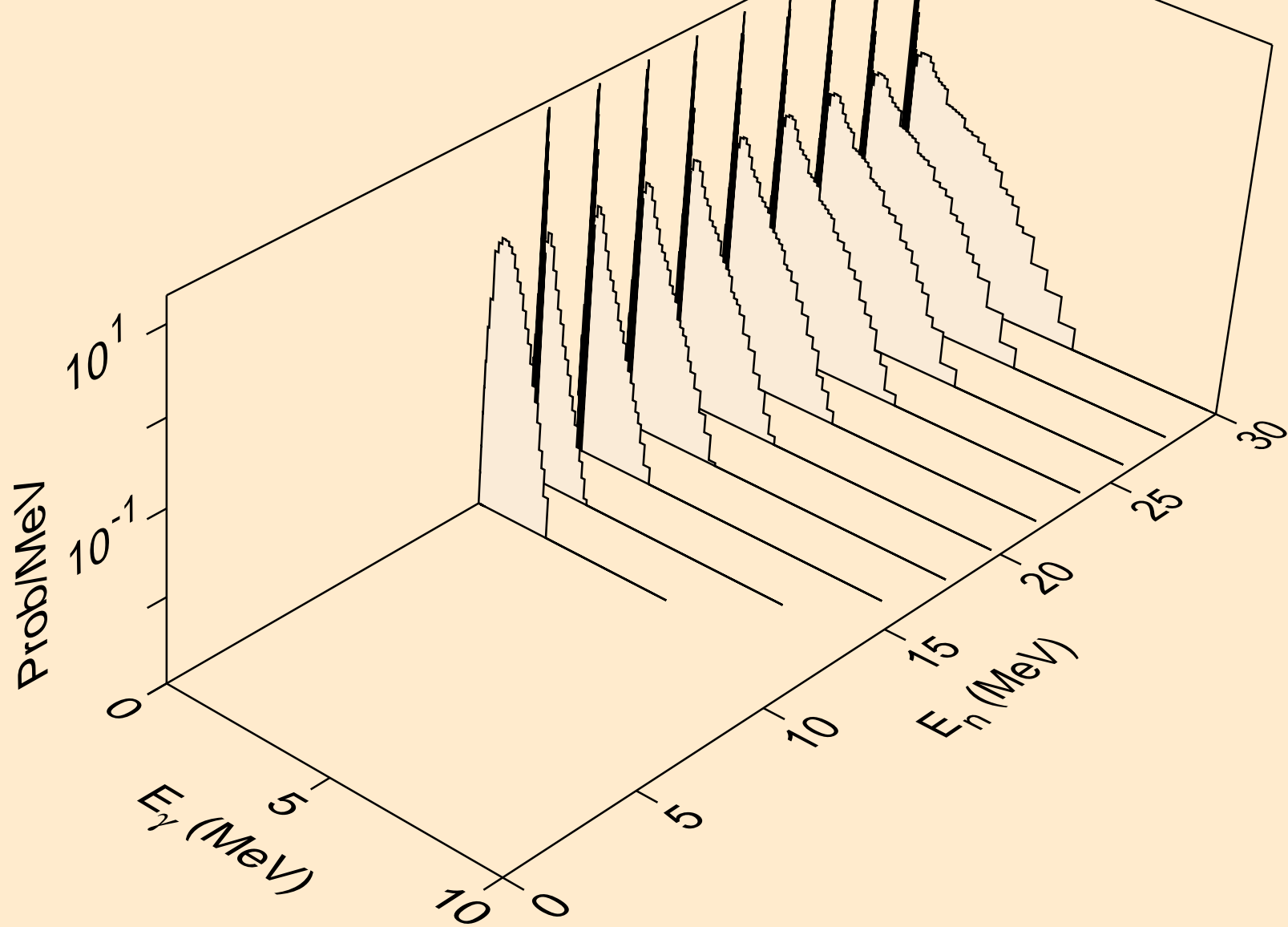
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



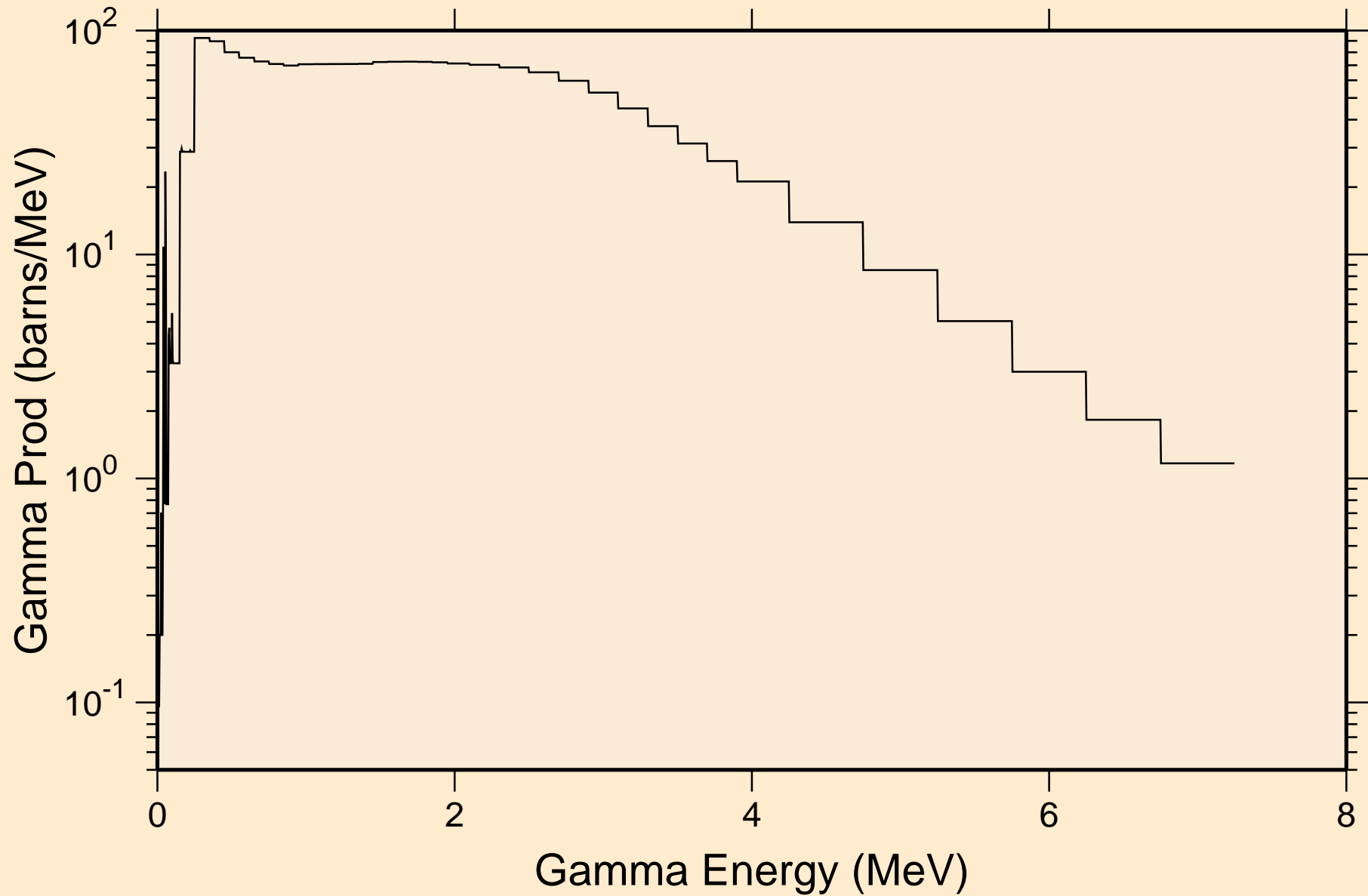
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

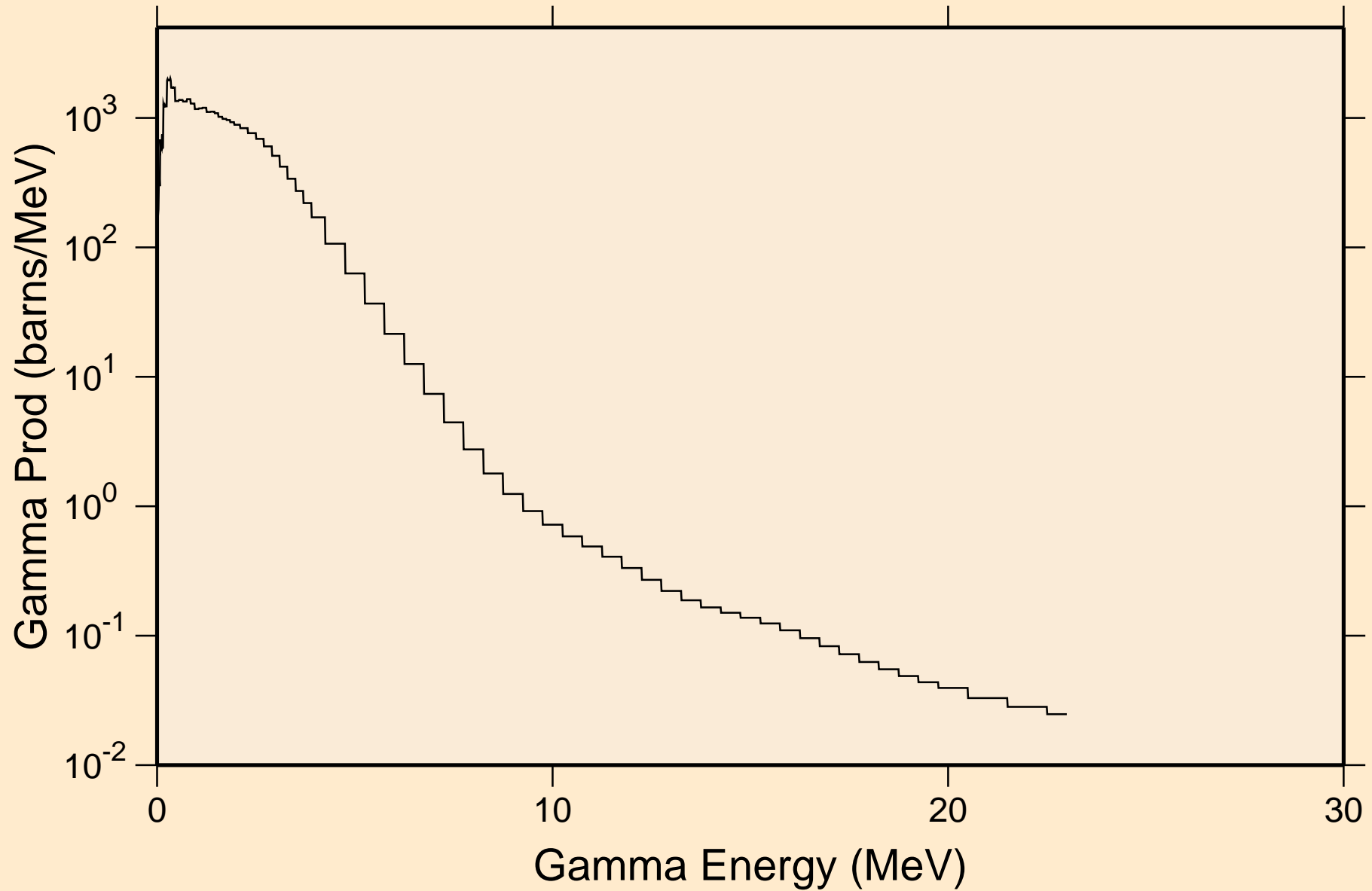


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



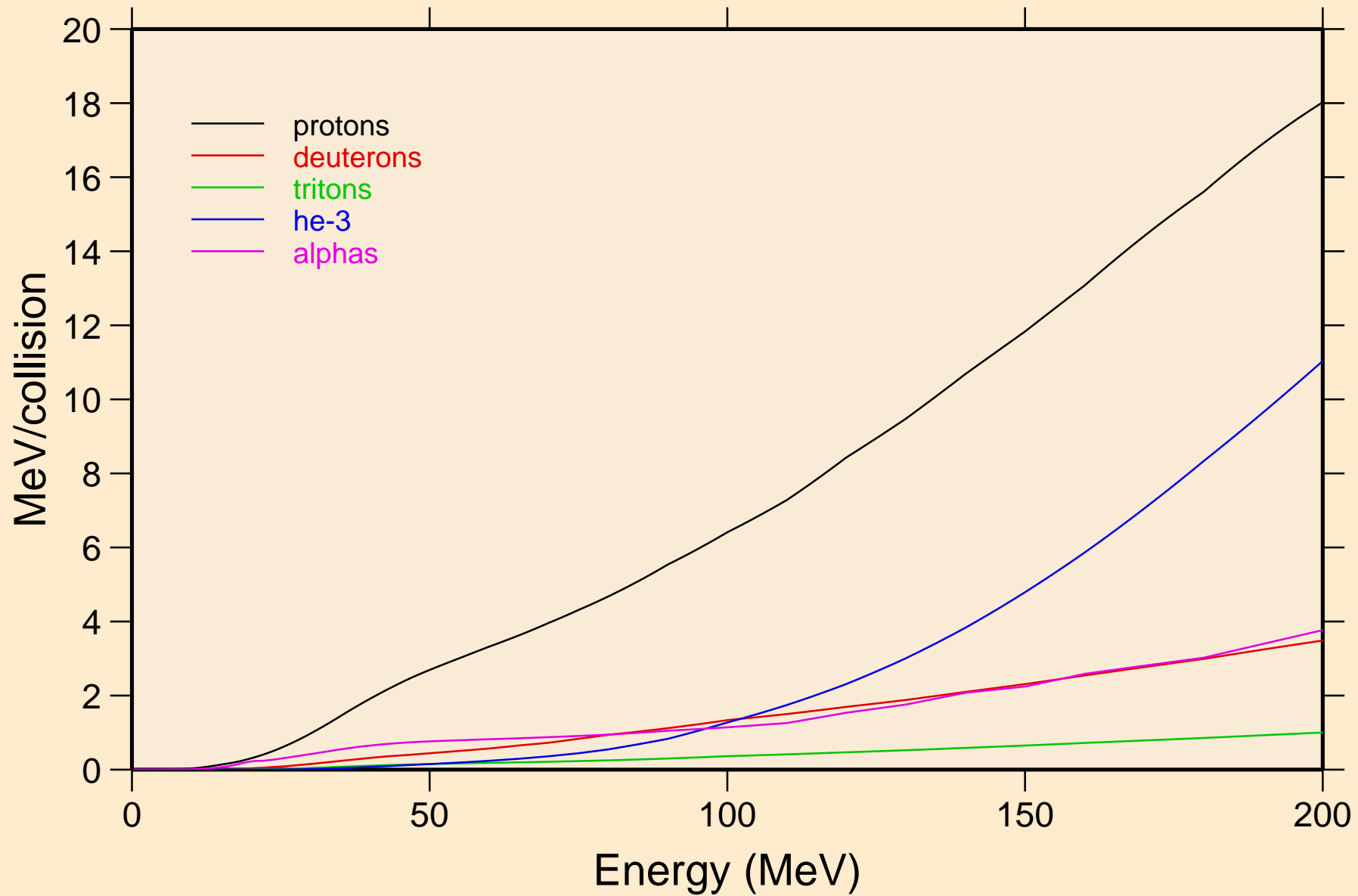


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

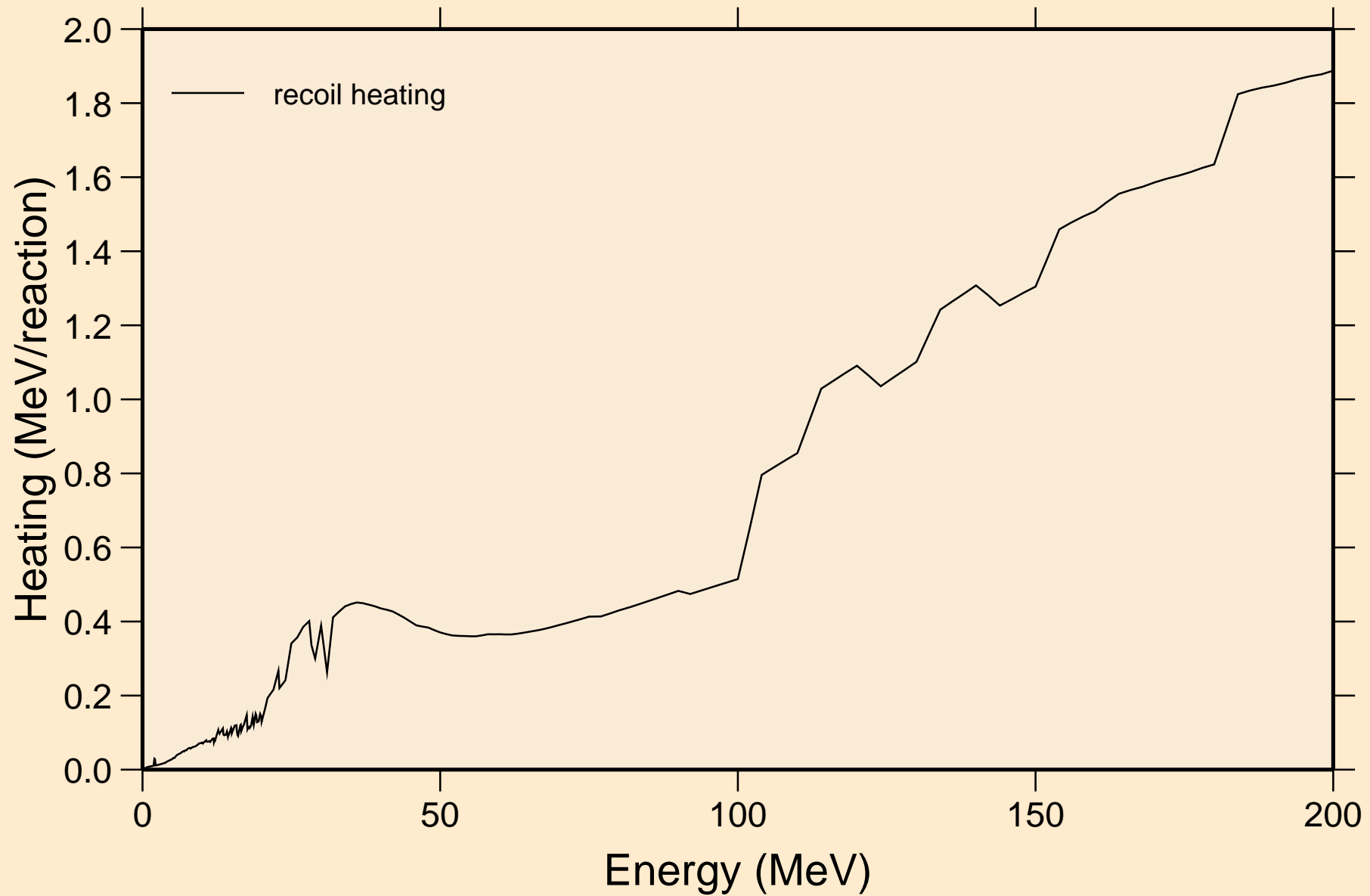


# YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

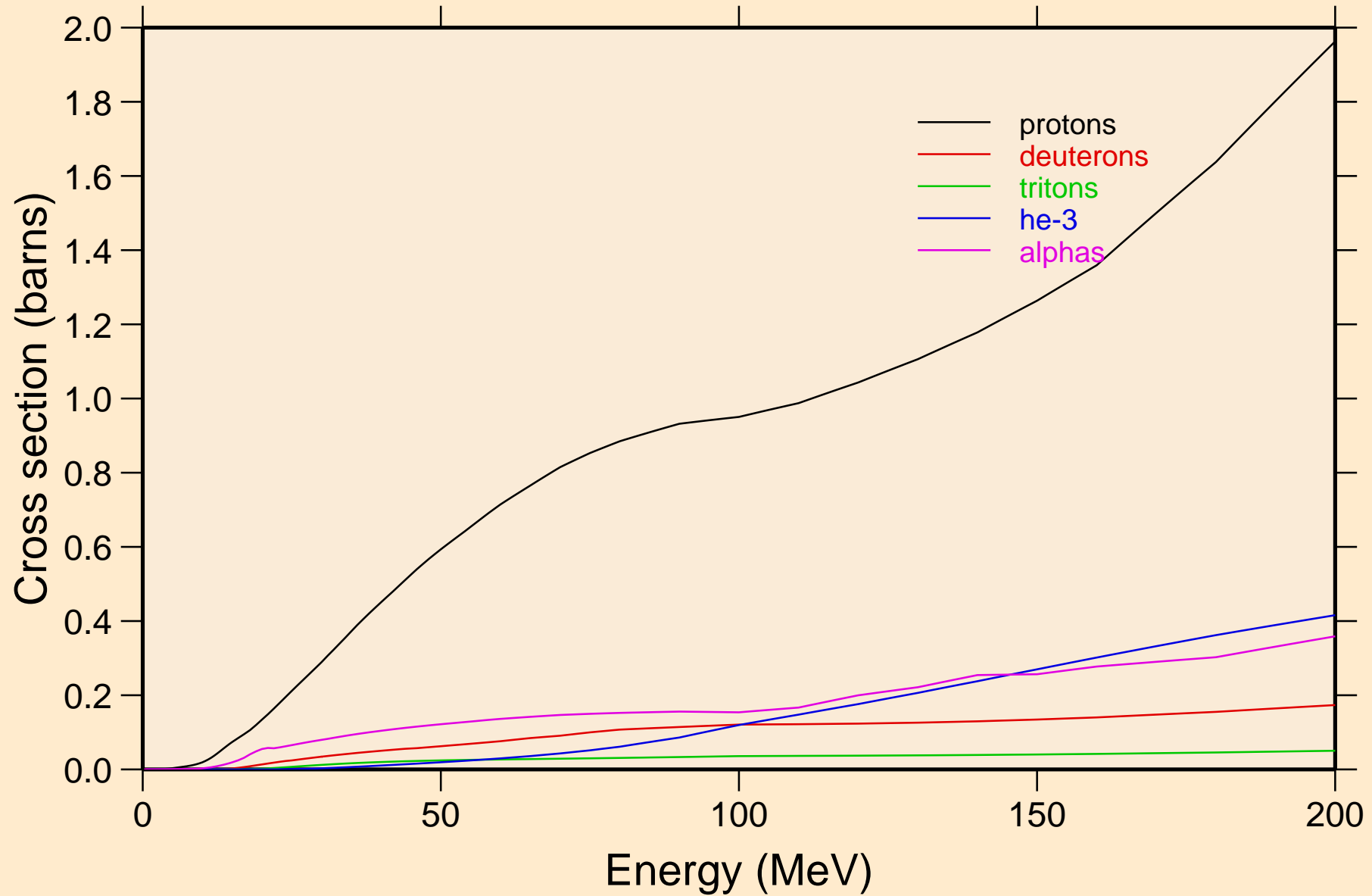
## Particle heating contributions



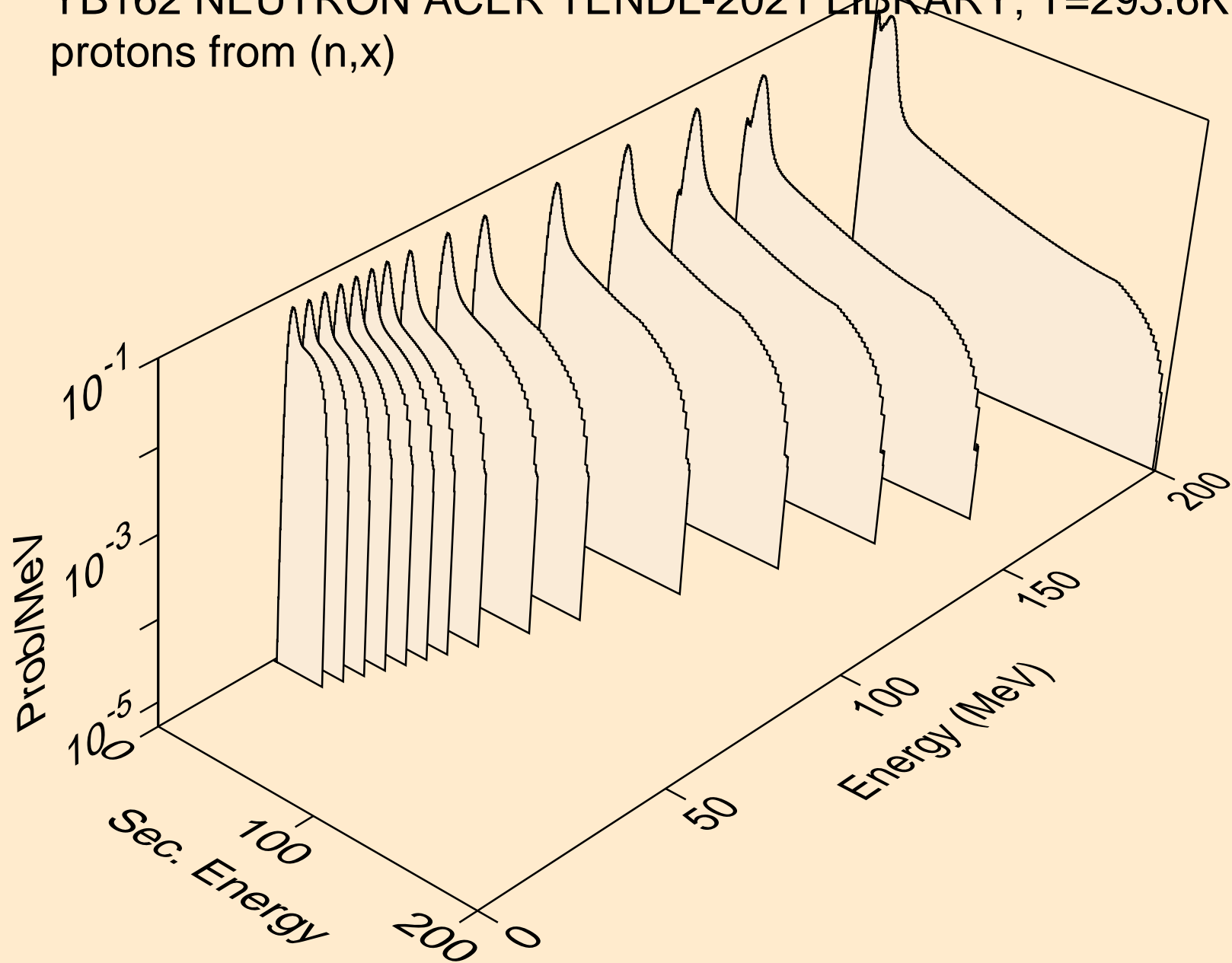
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Recoil Heating



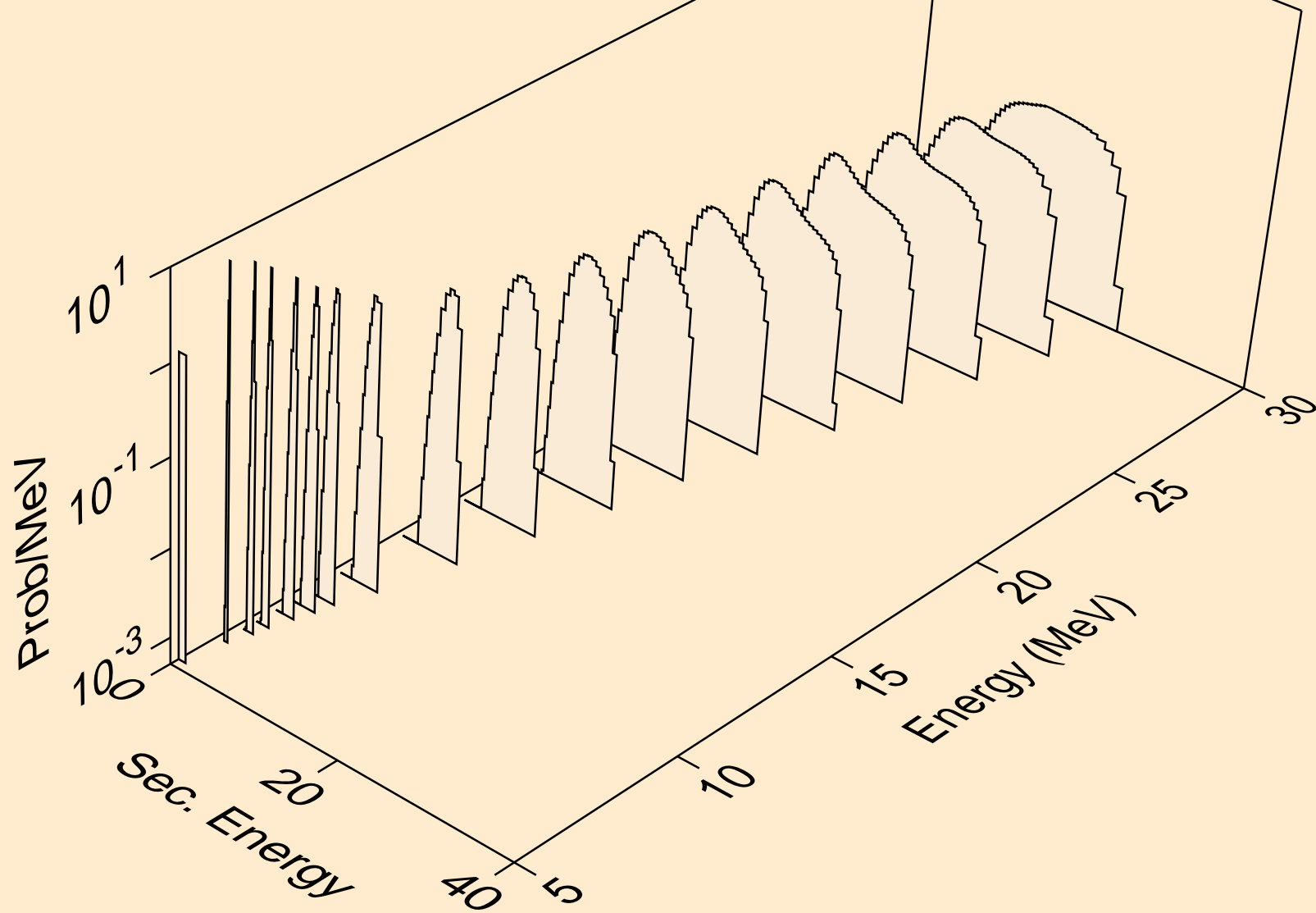
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



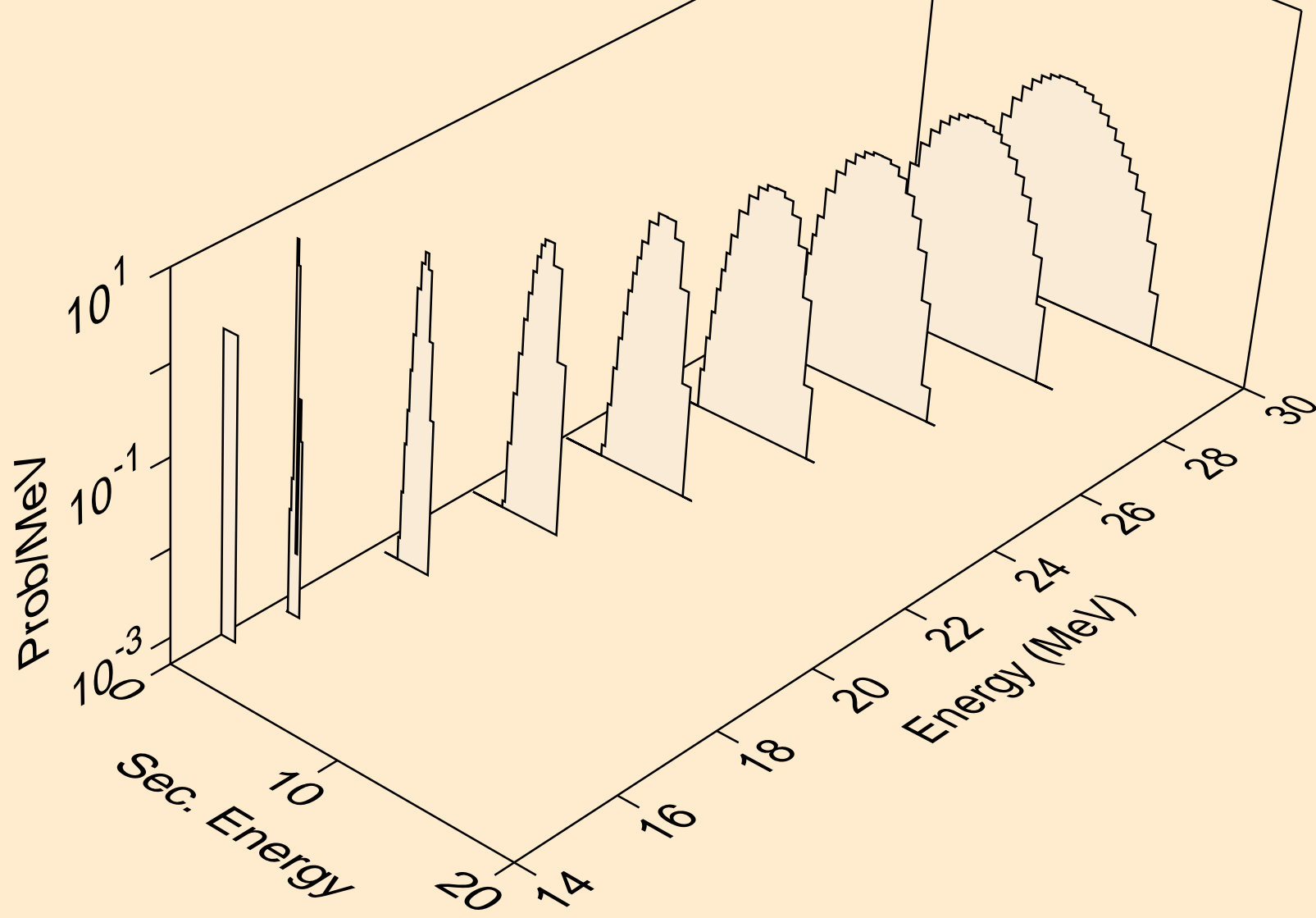
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



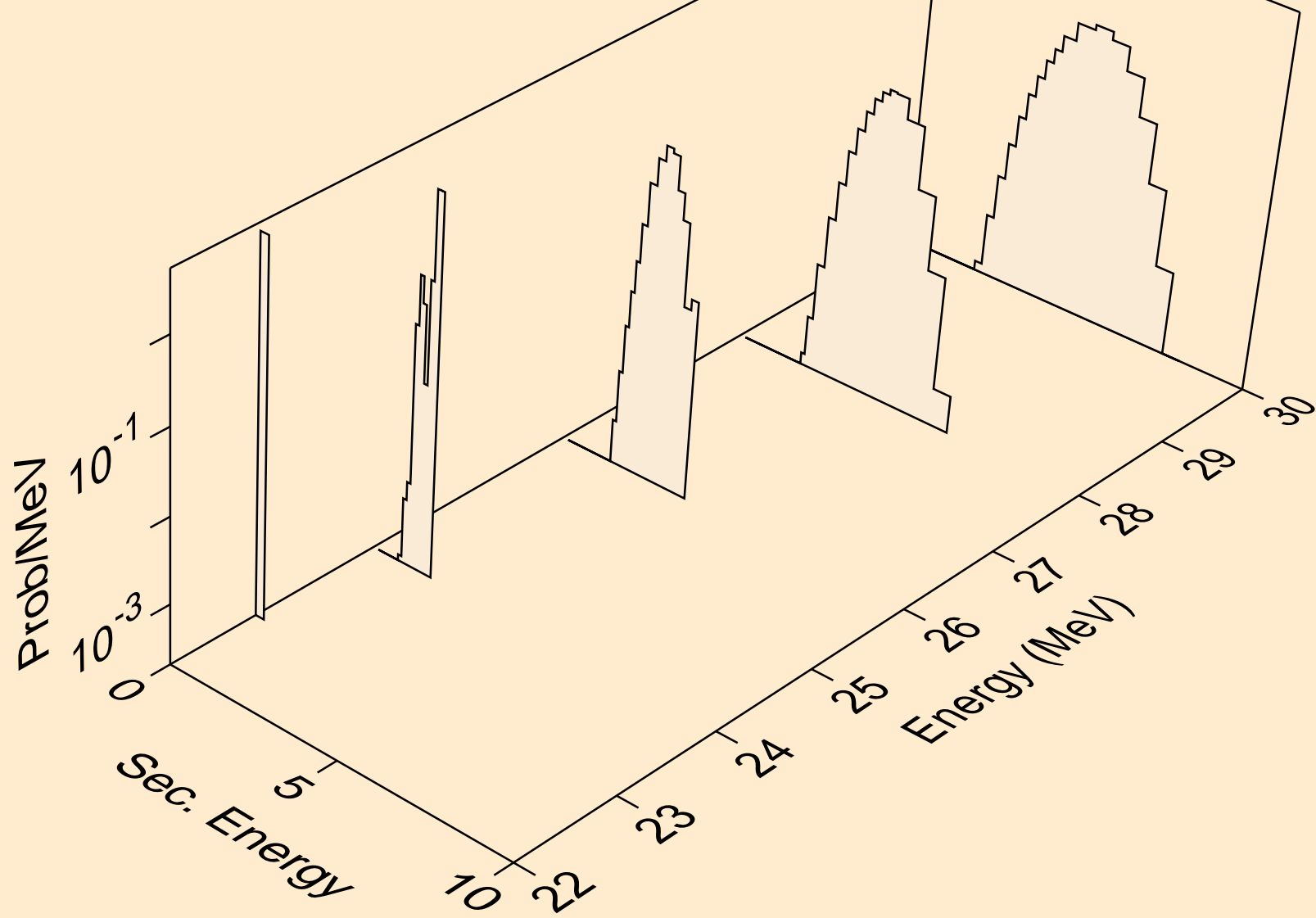
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

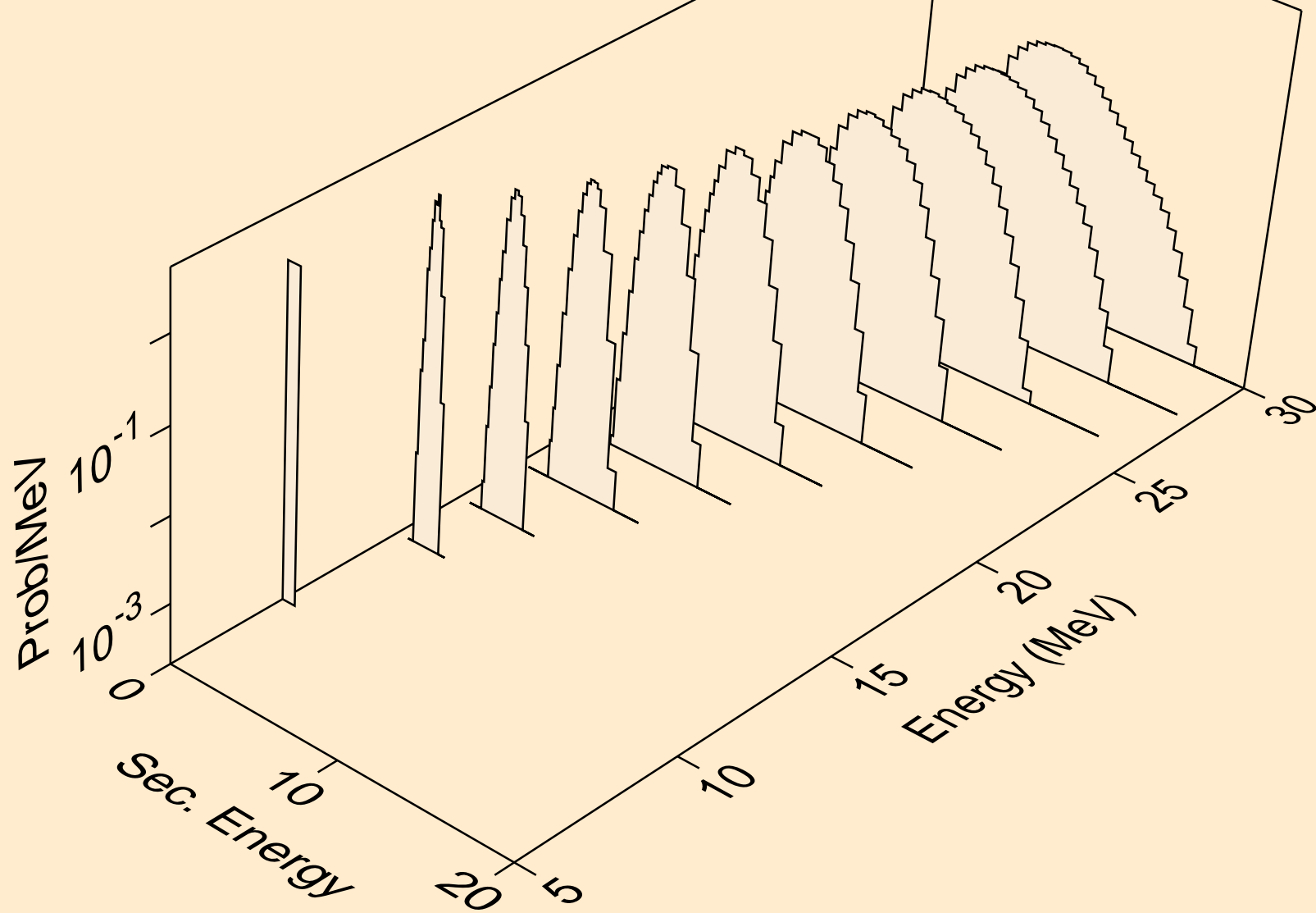


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protons from (n,3np)

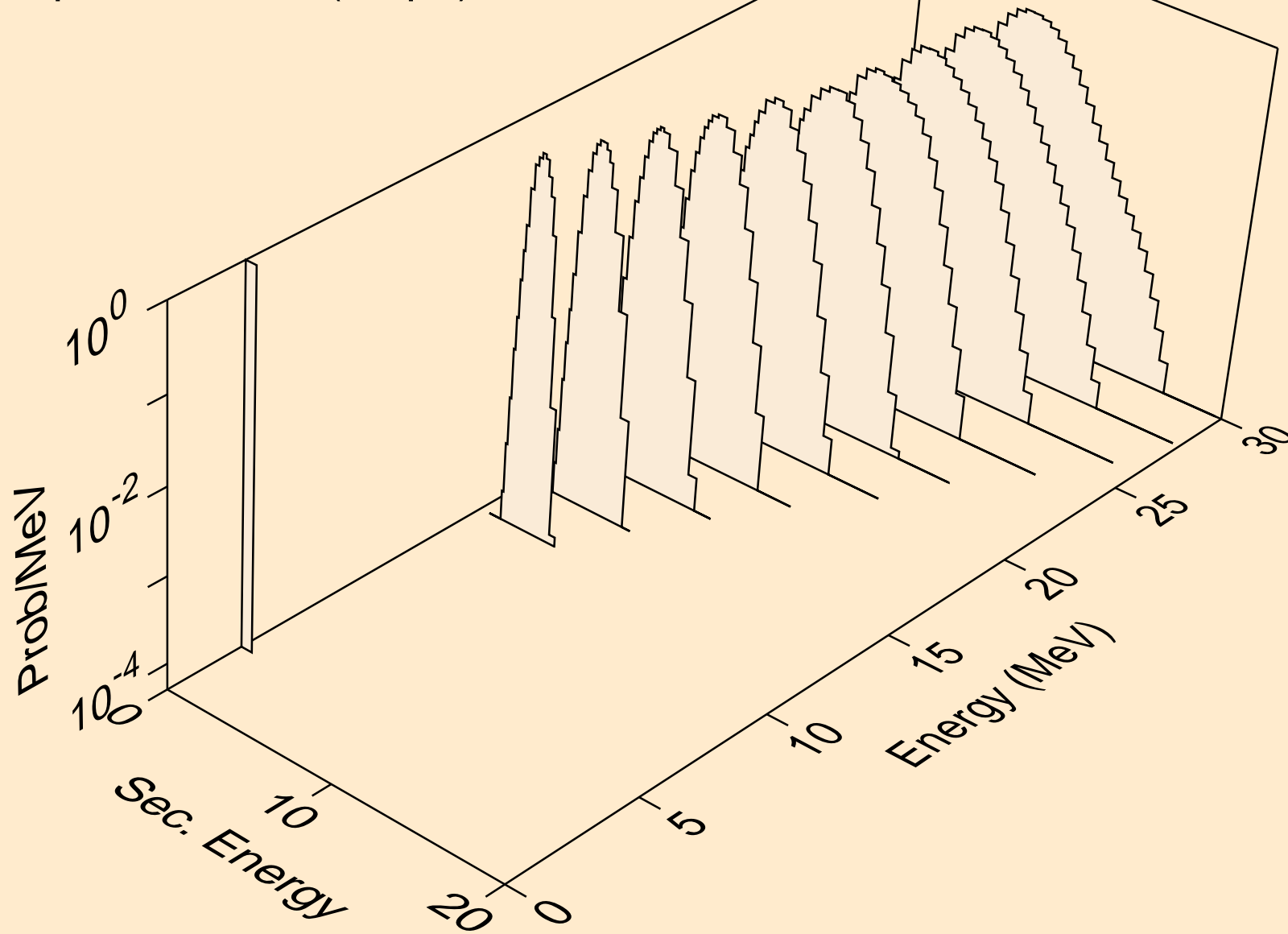




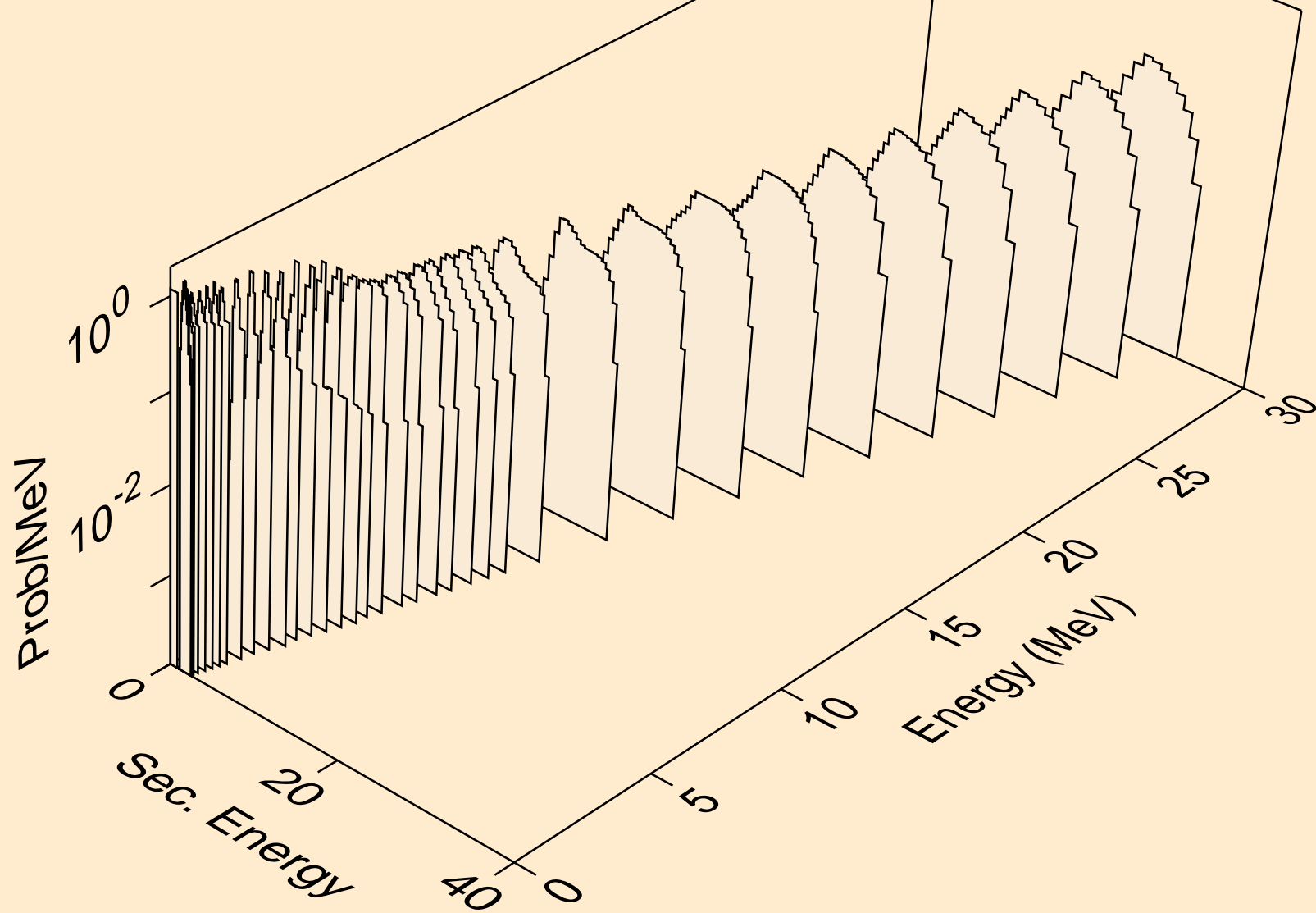
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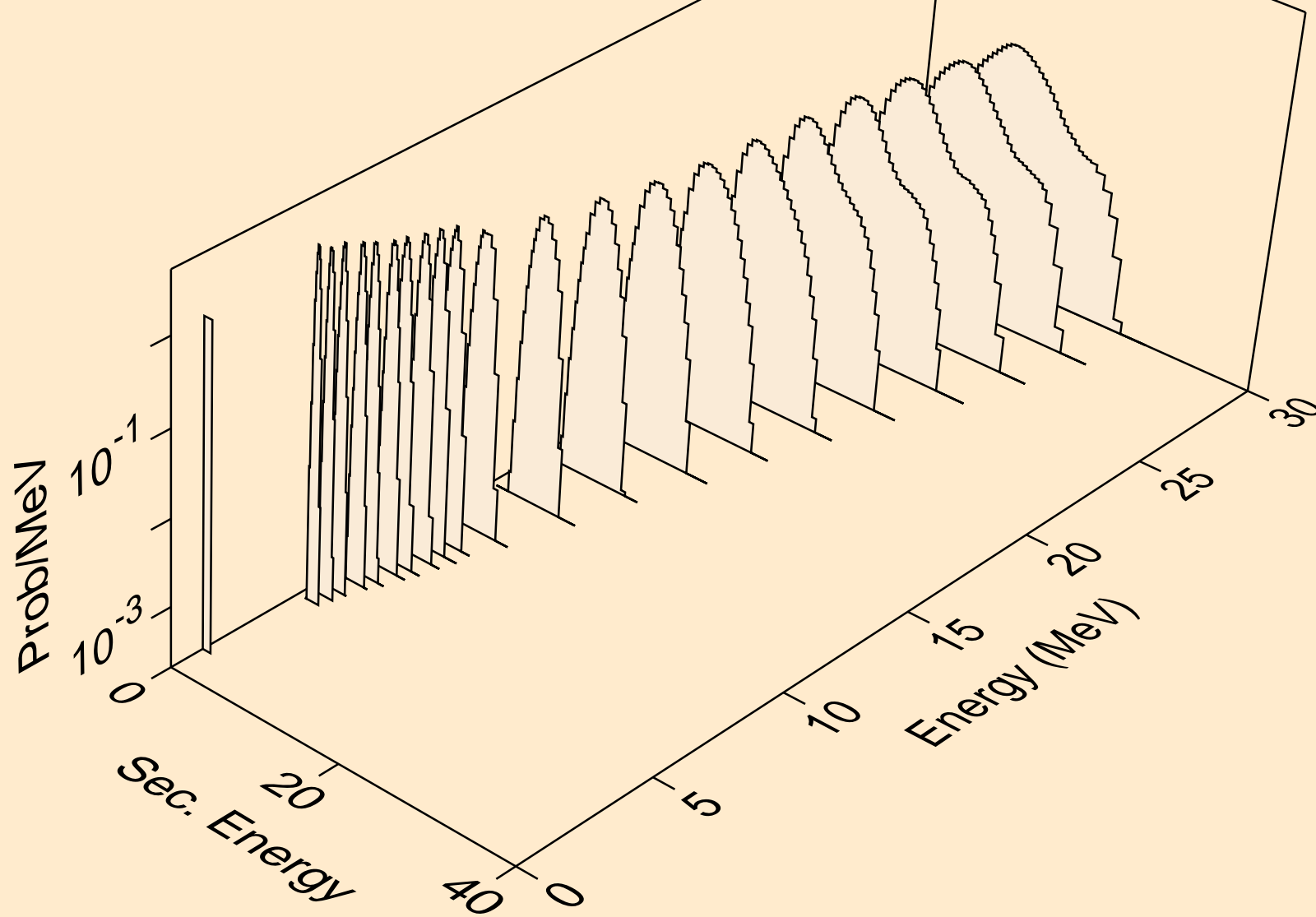
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protons from (n,npa)



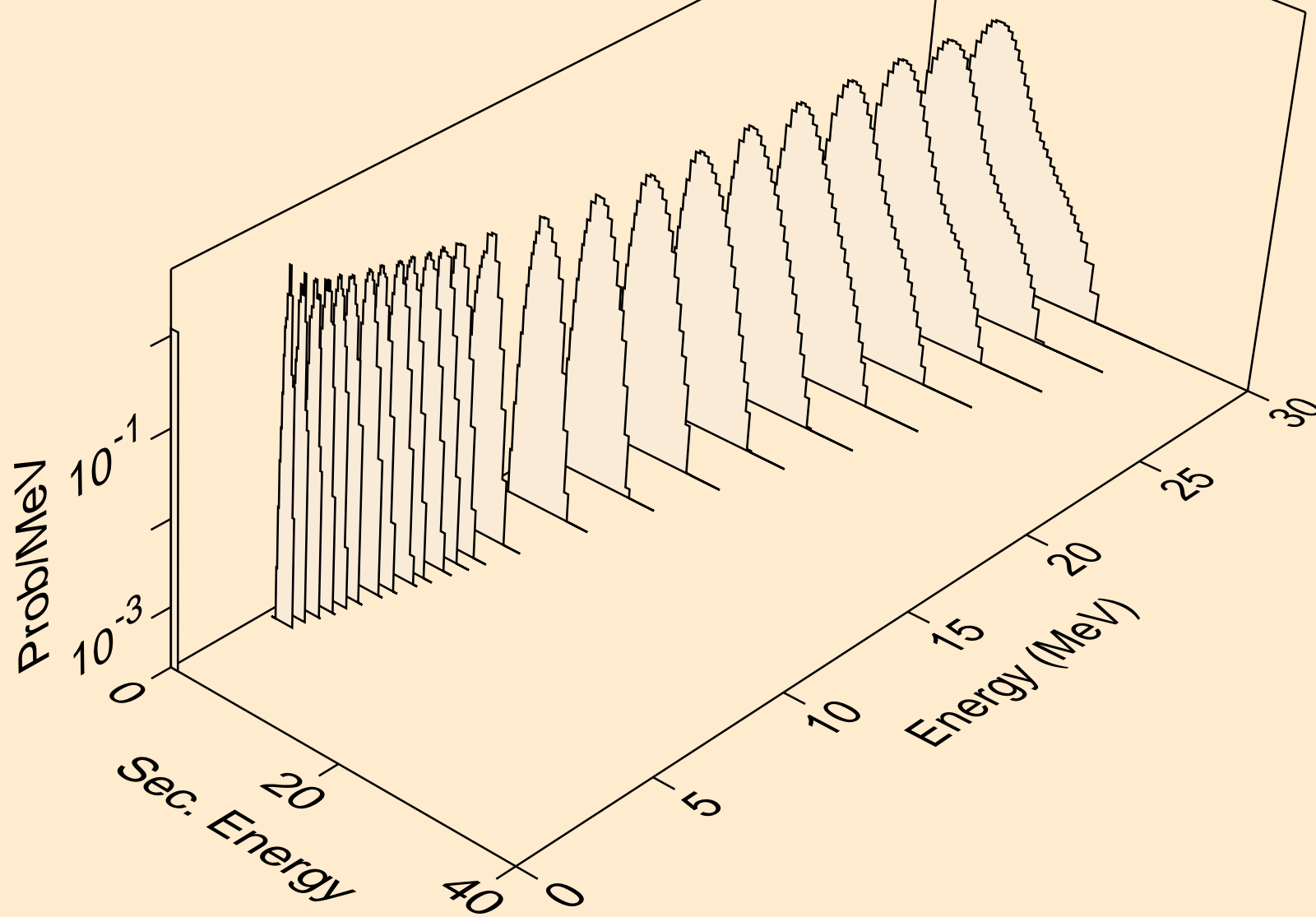
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protons from (n,p)



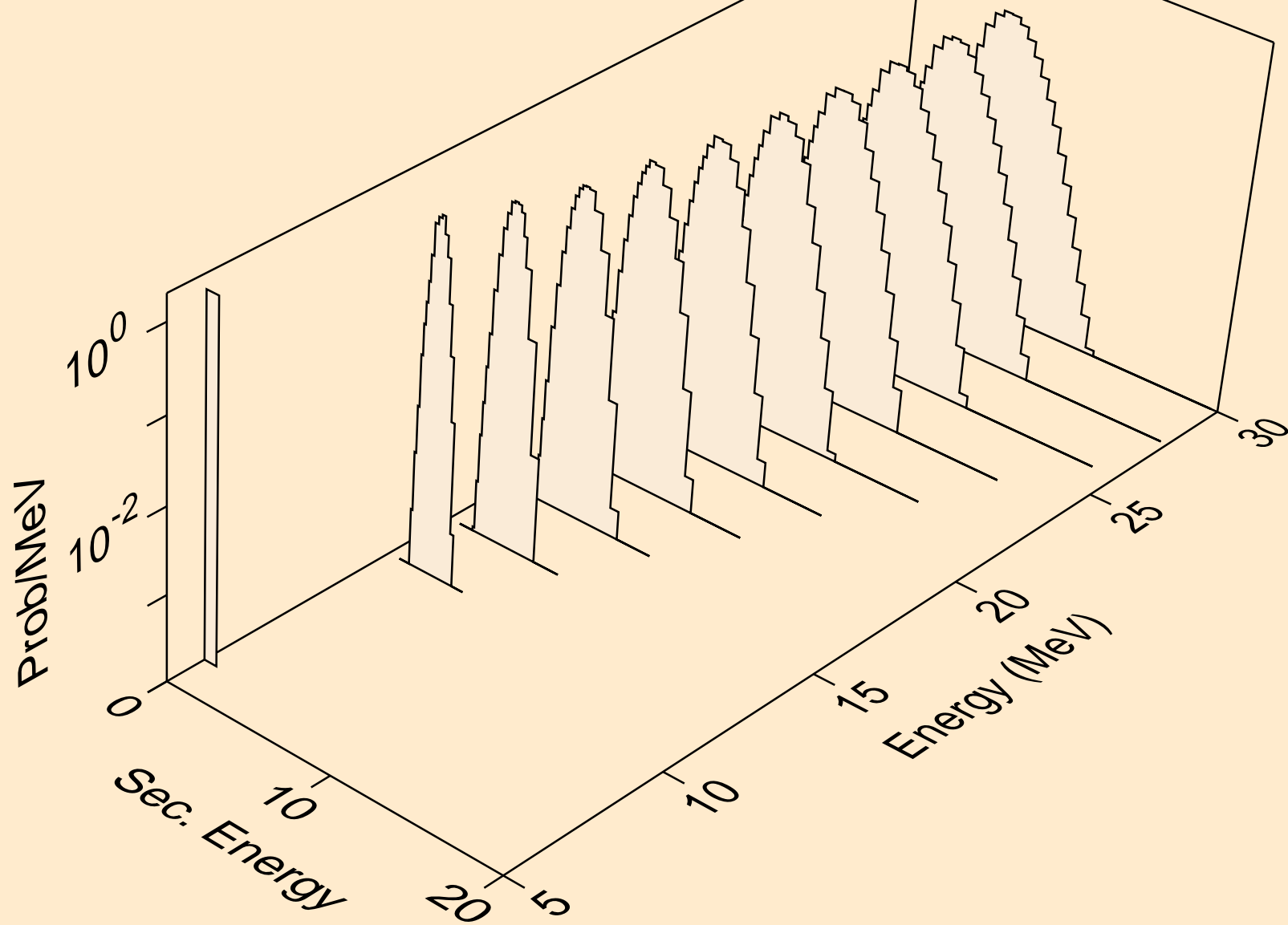
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protons from (n,2p)



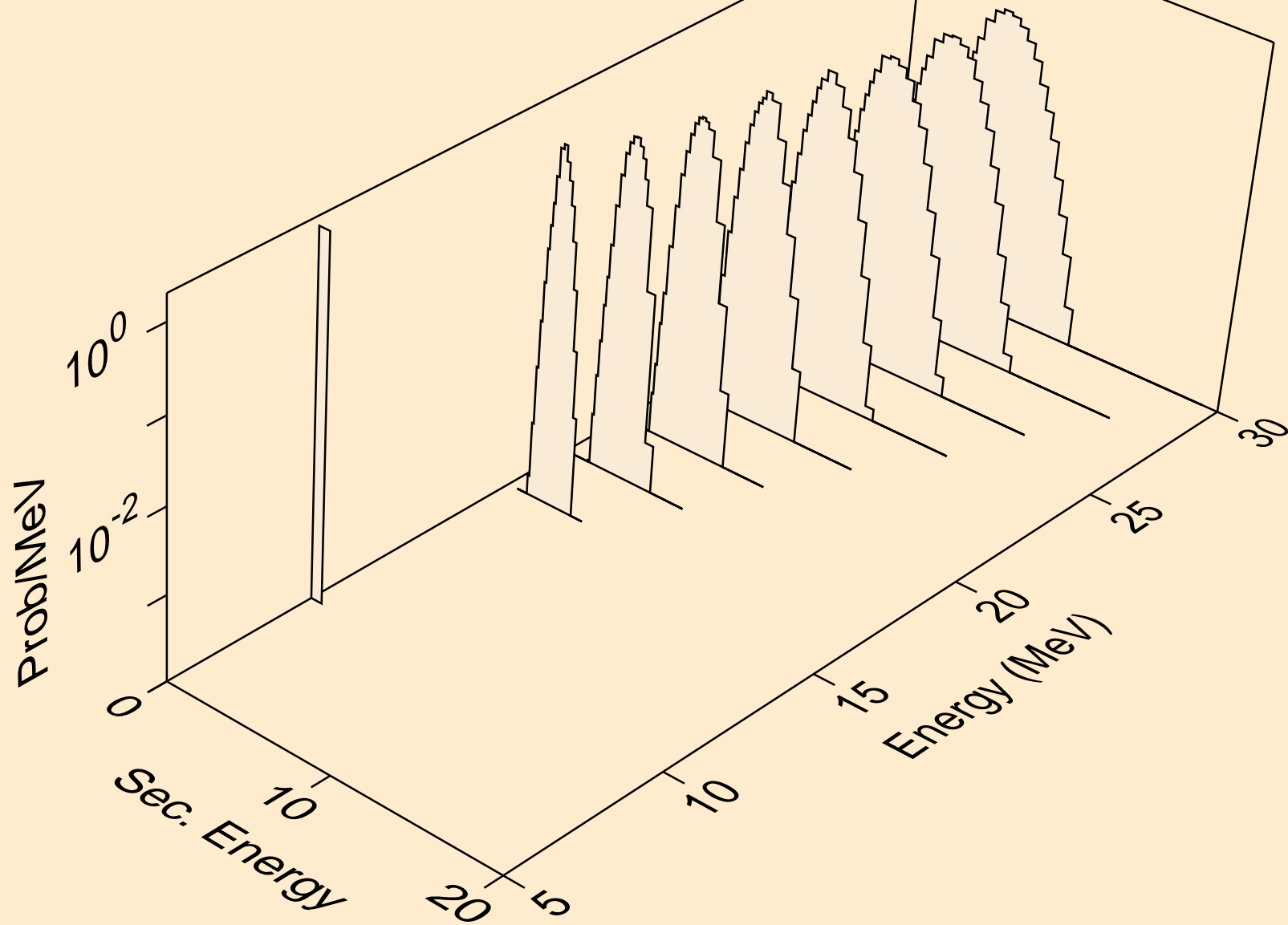
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protons from (n,p)



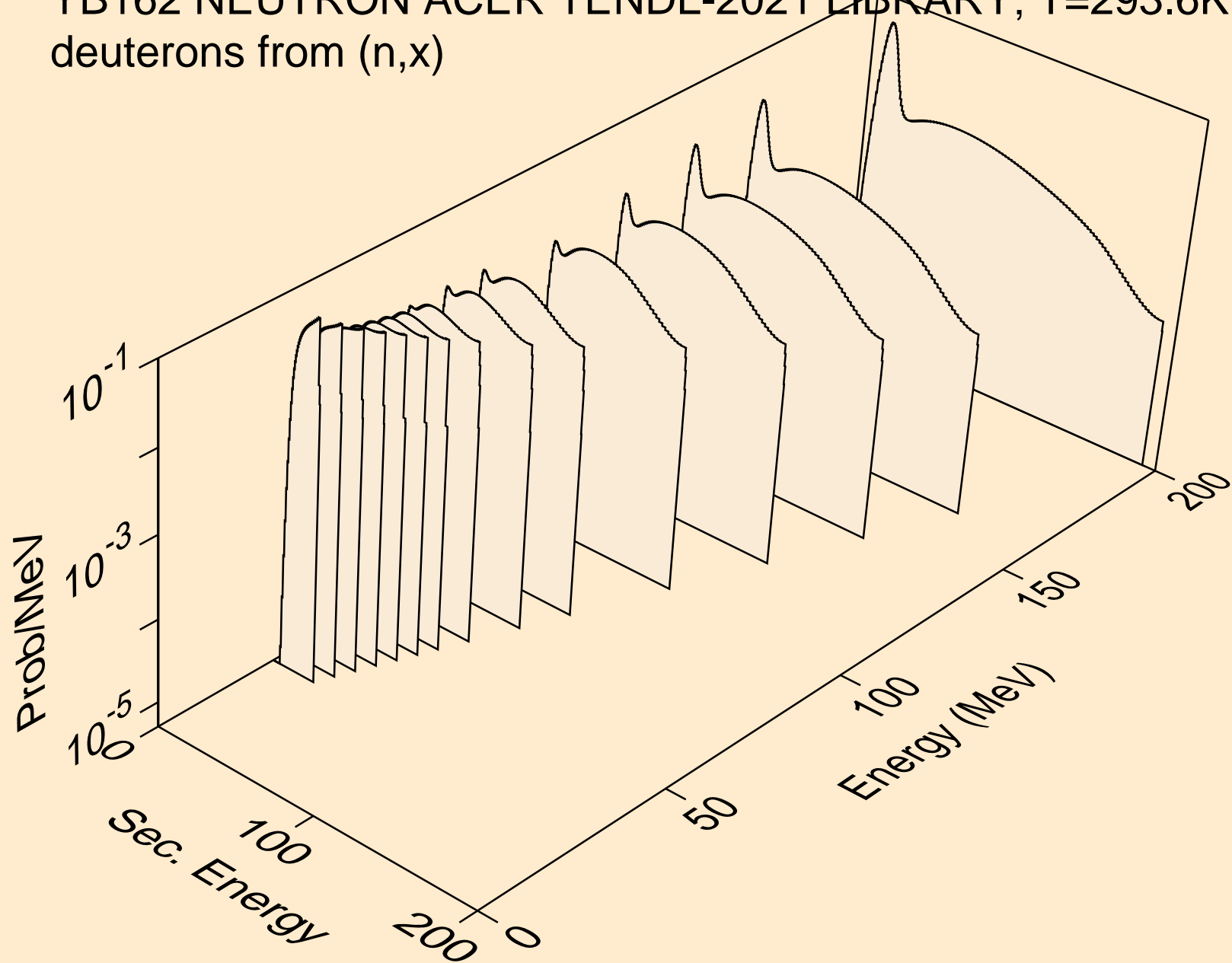
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

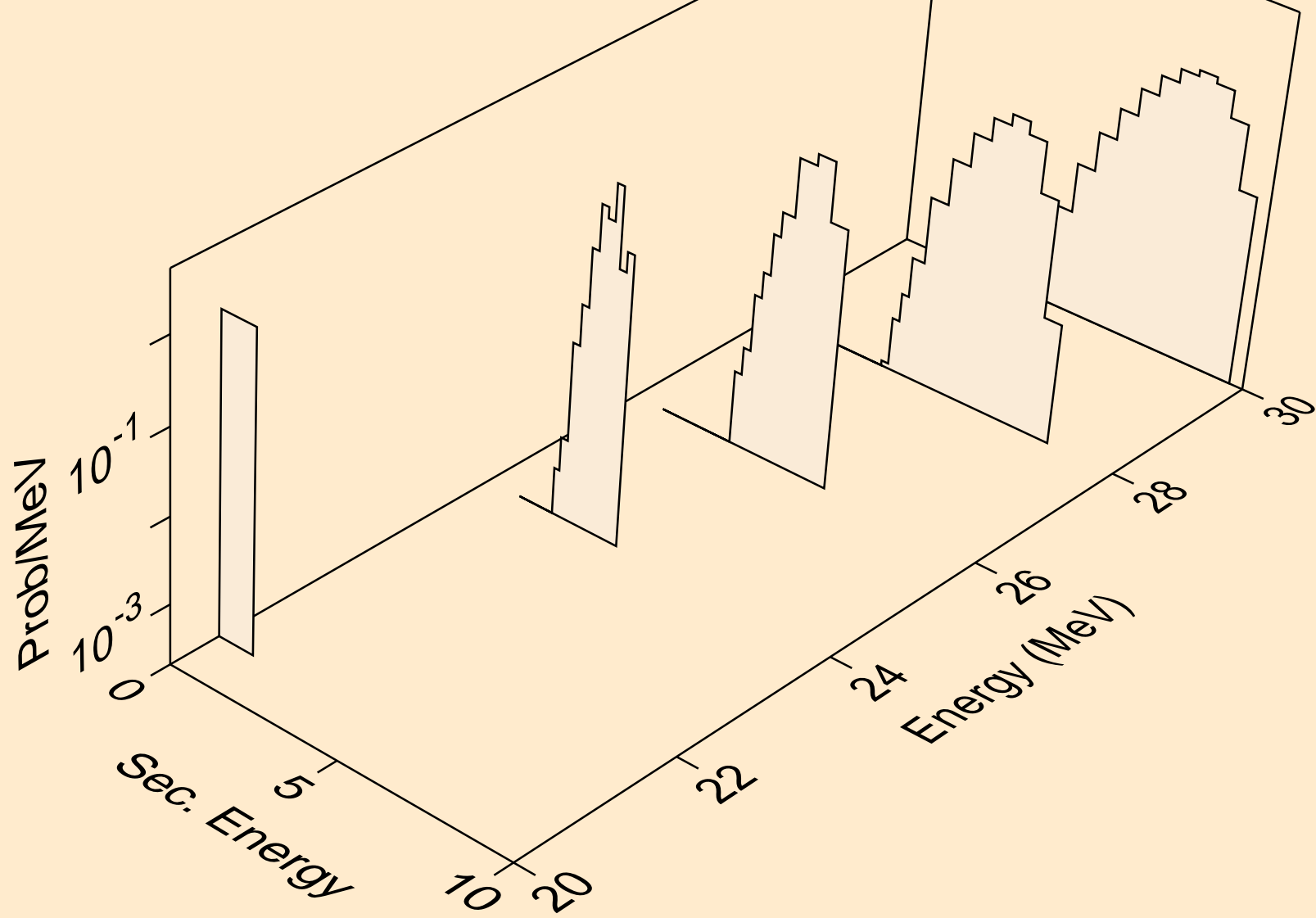


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deuterons from (n,x)

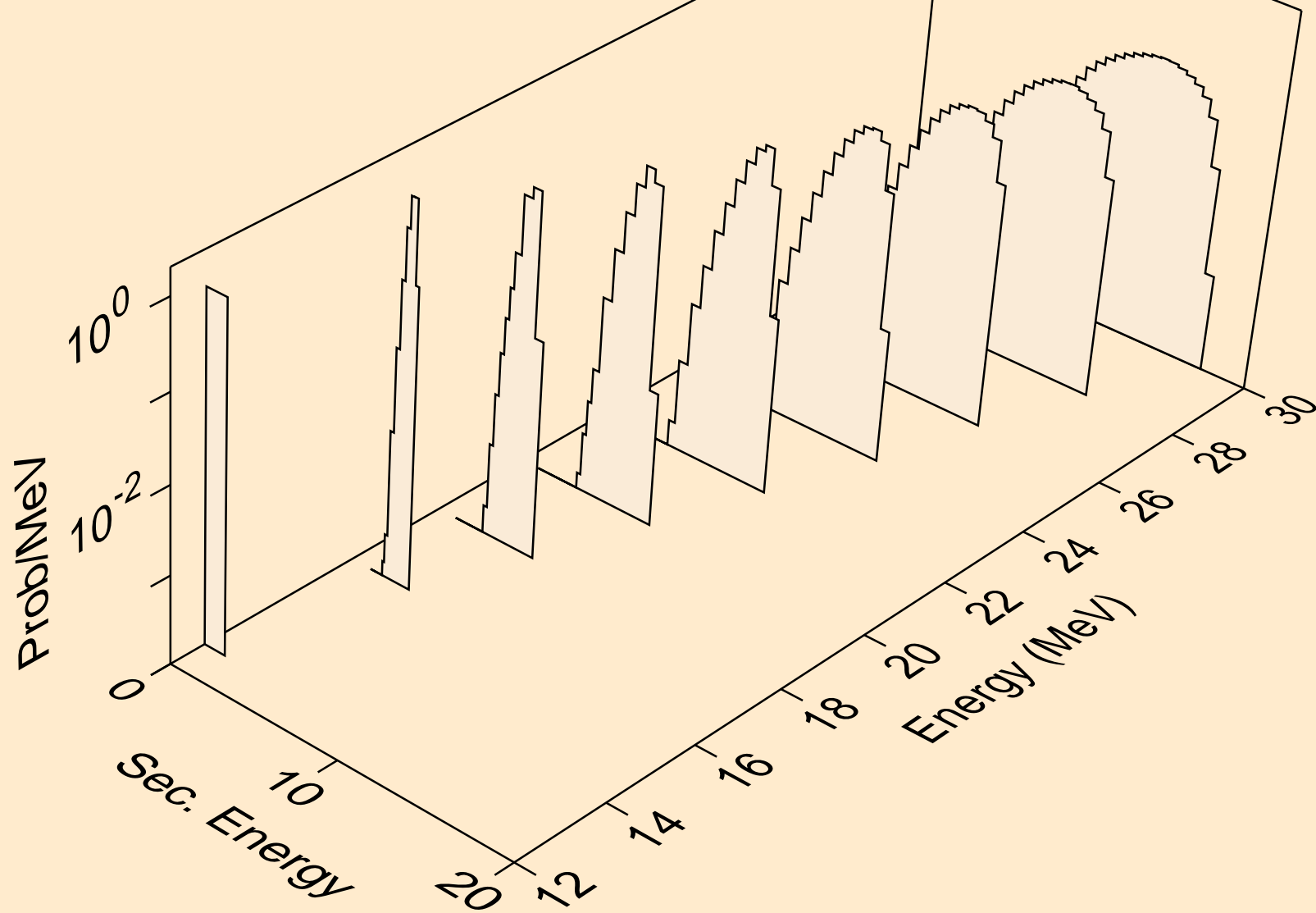




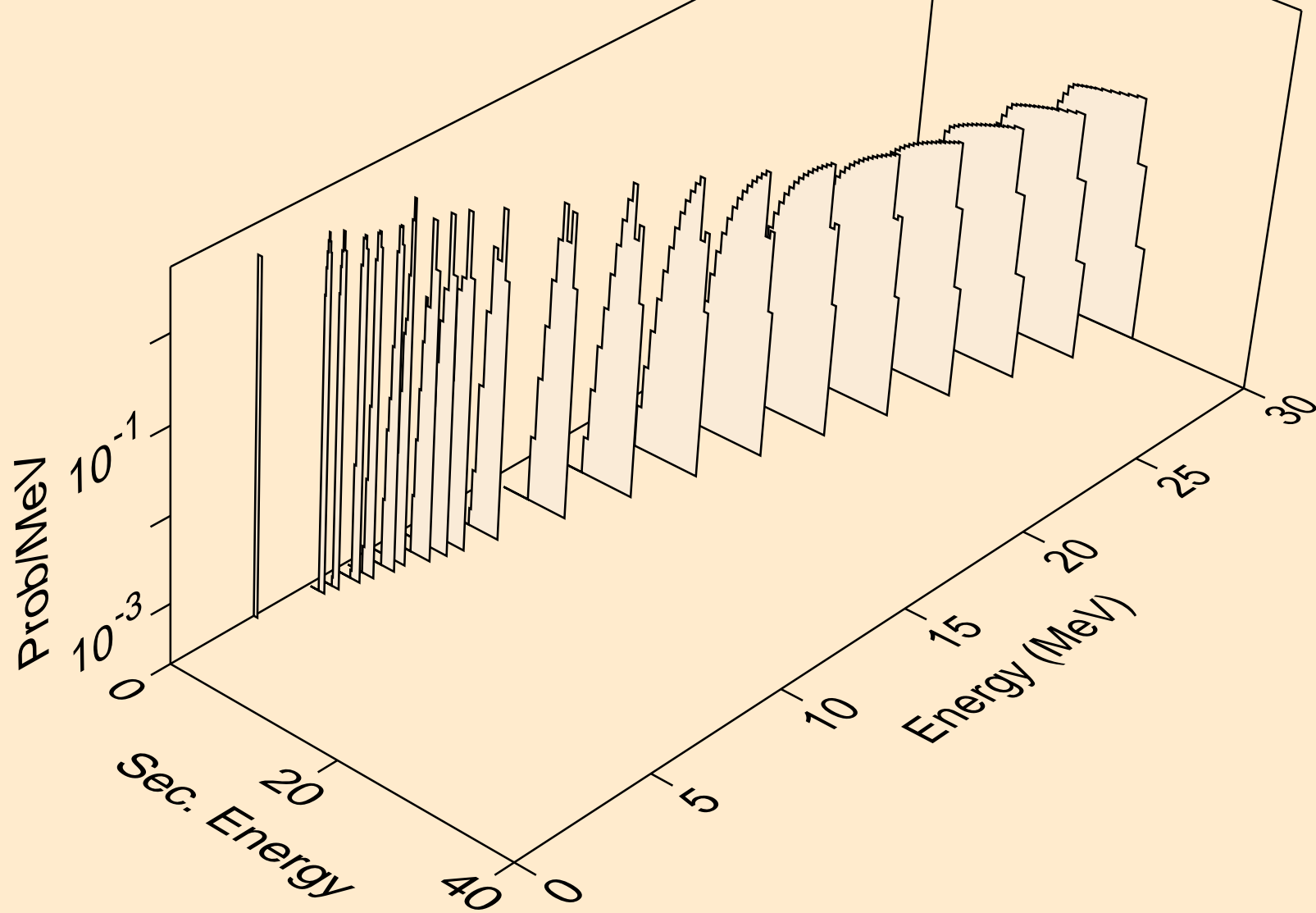
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deuterons from (n,2nd)



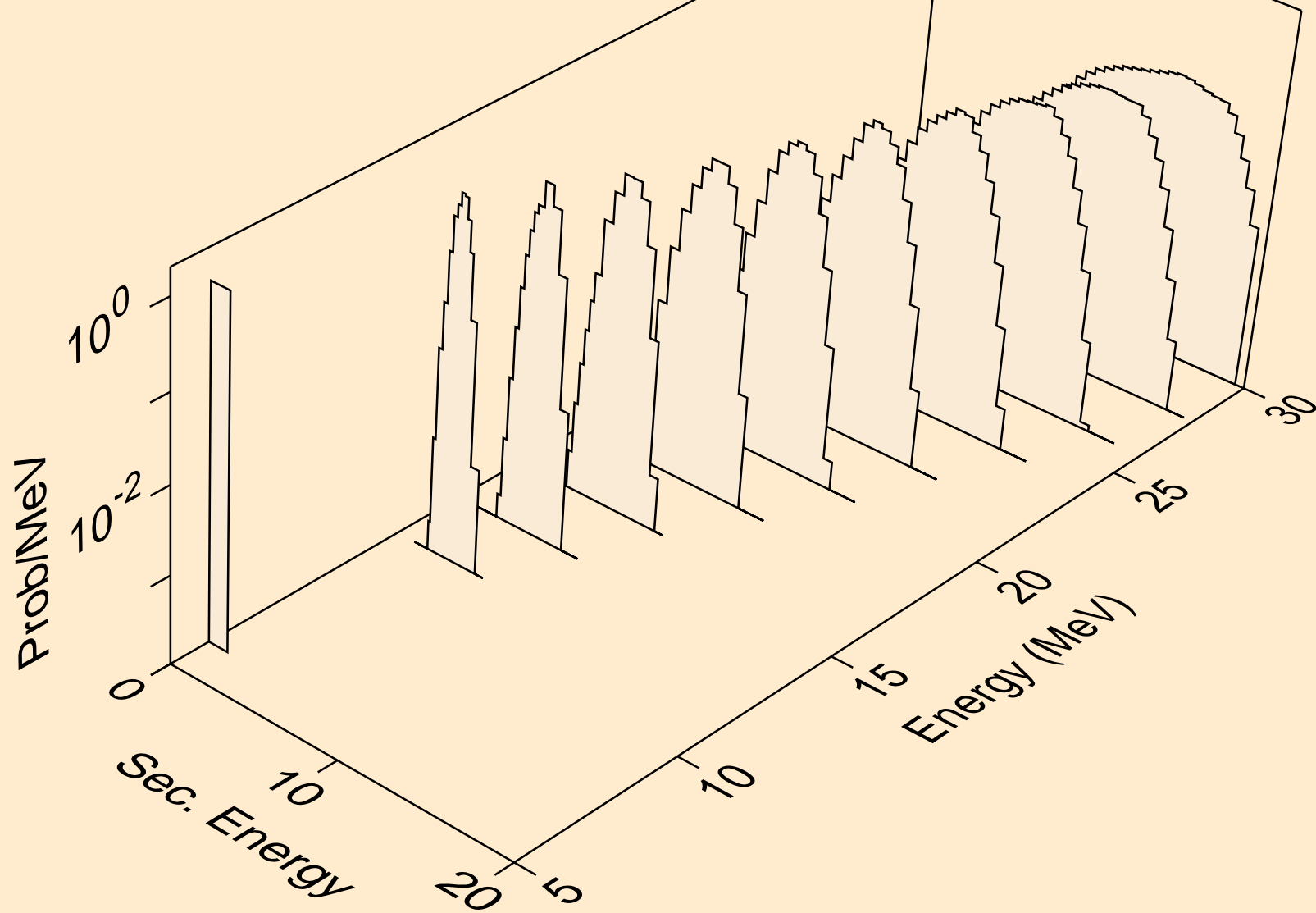
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deuterons from (n,n\*)d



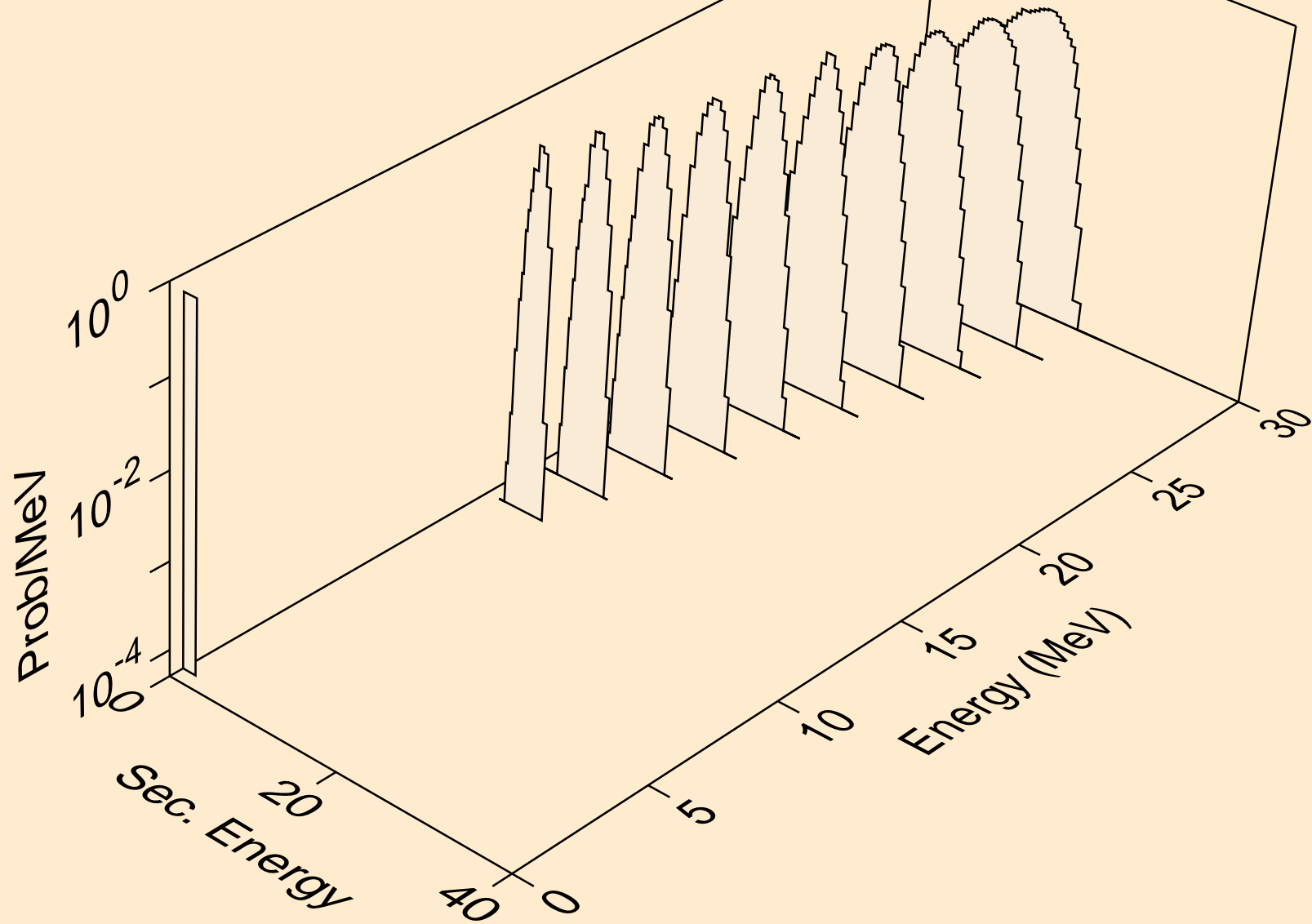
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deuterons from (n,d)



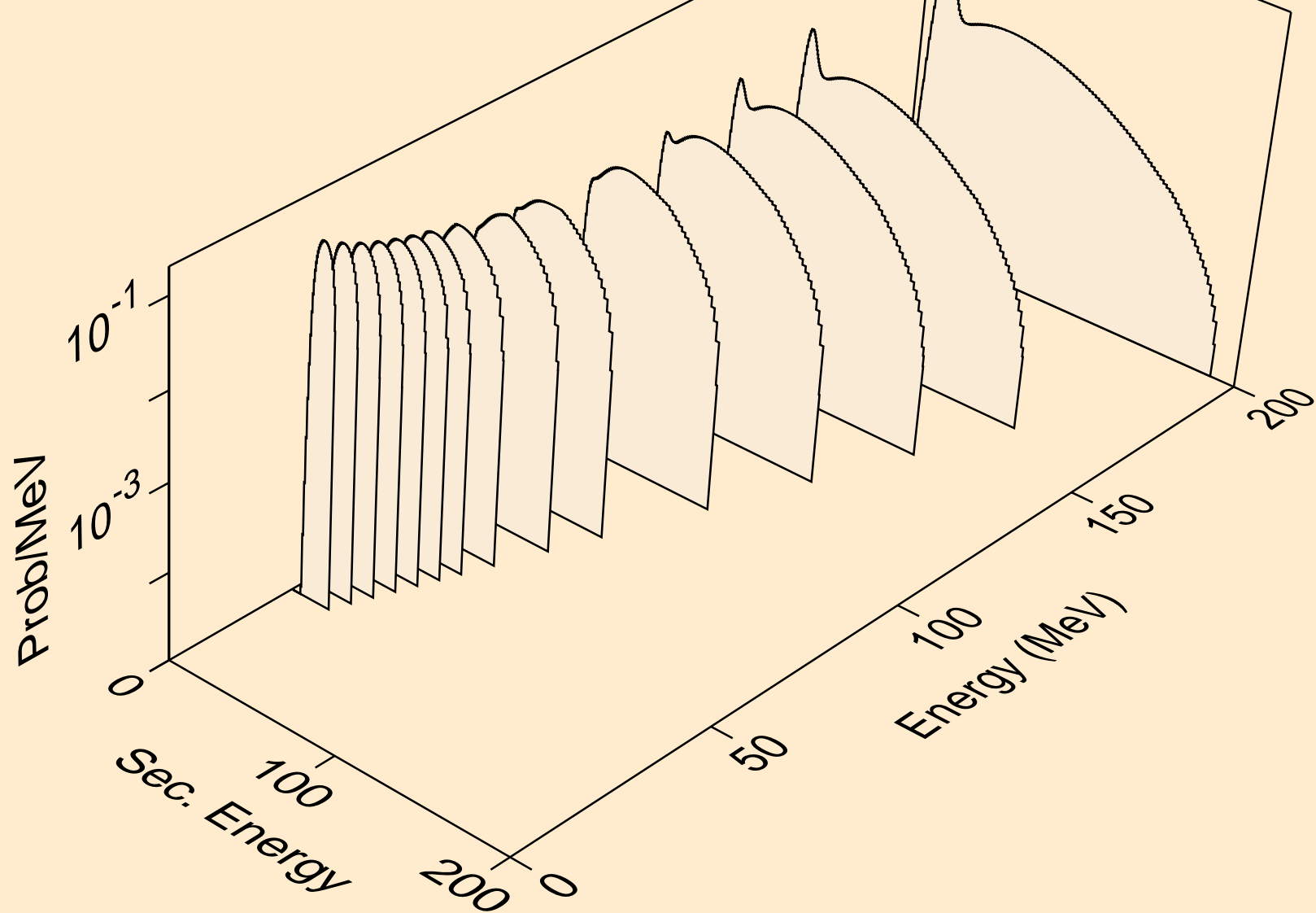
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deuterons from (n,pd)



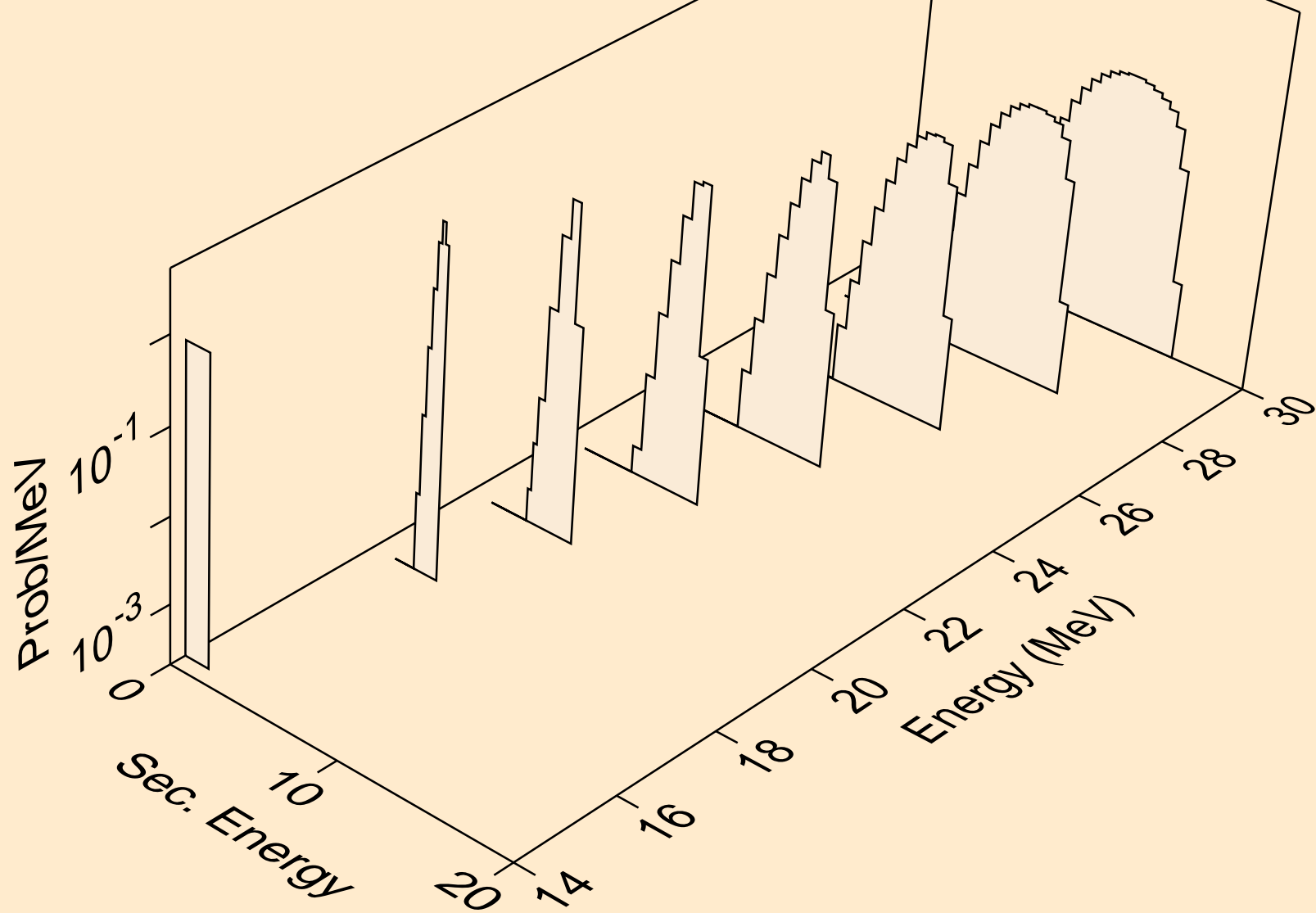
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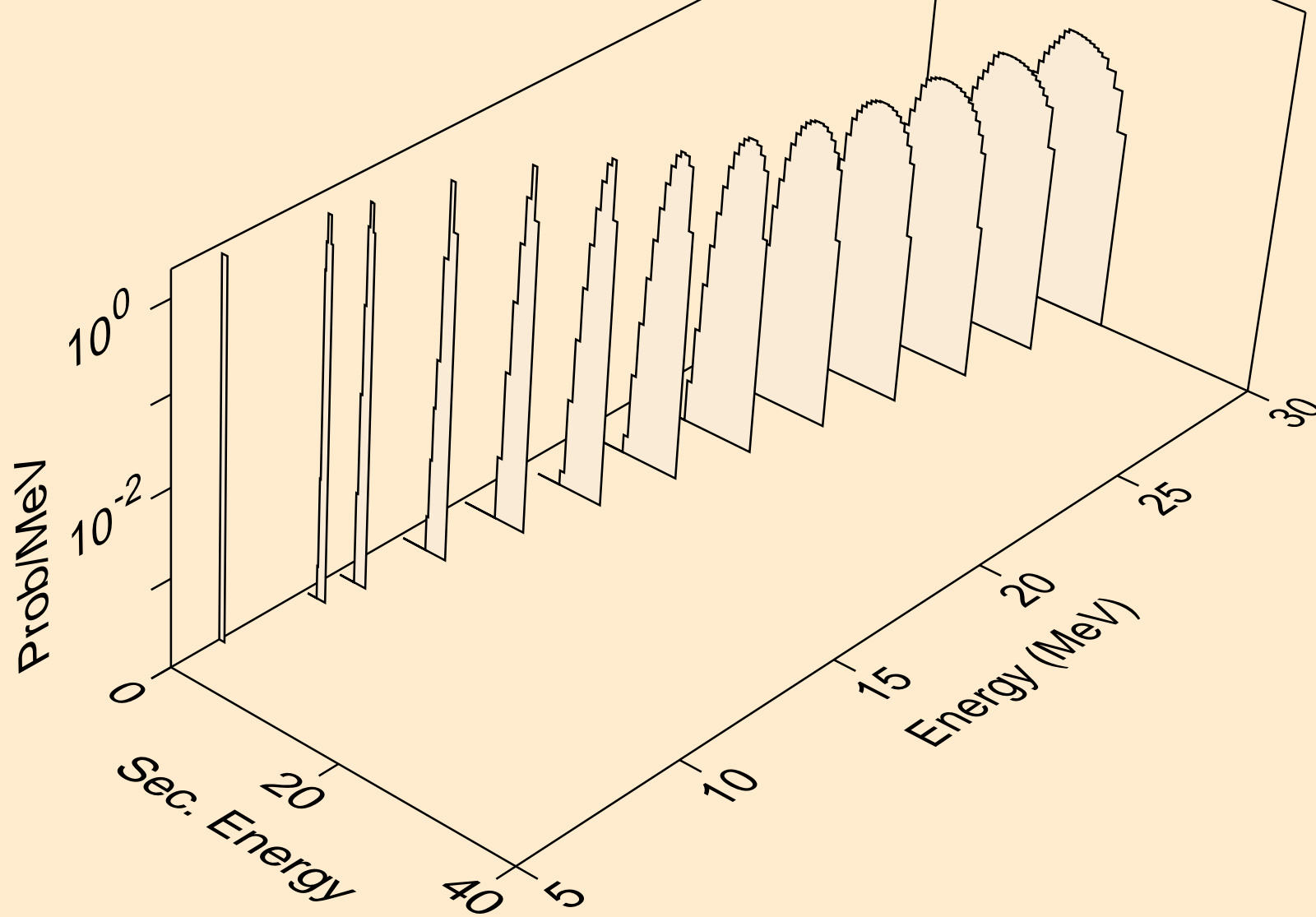
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

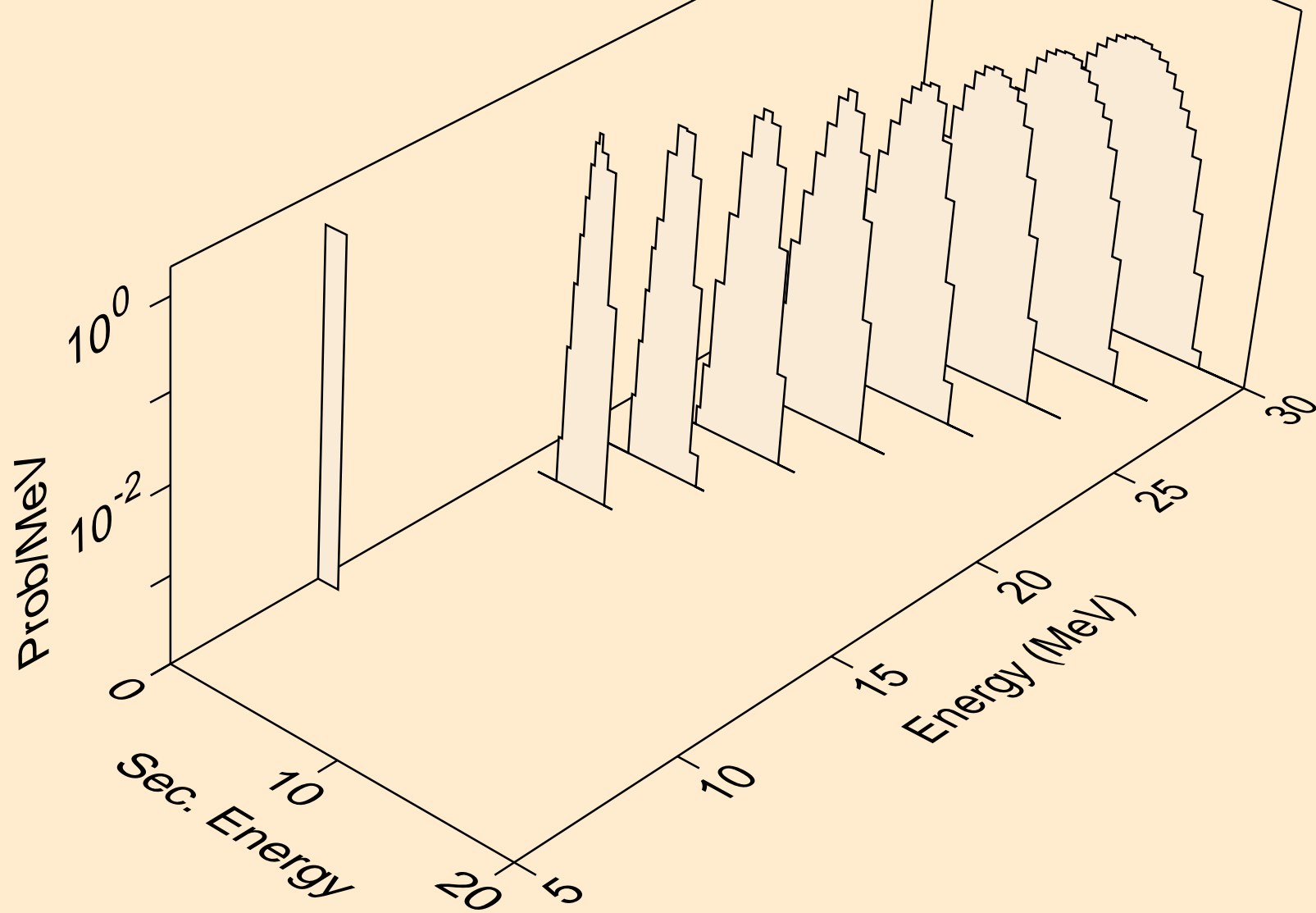


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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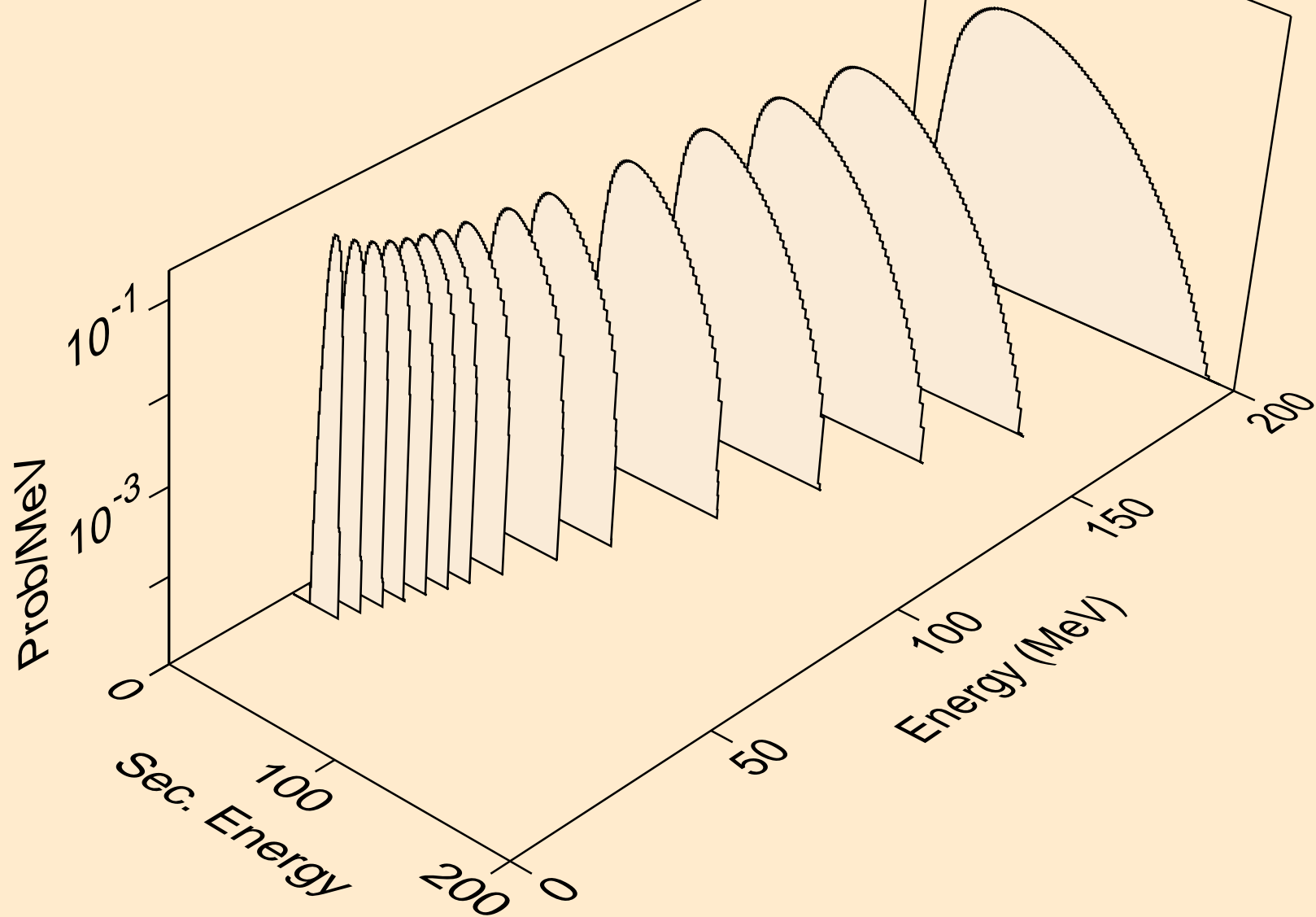




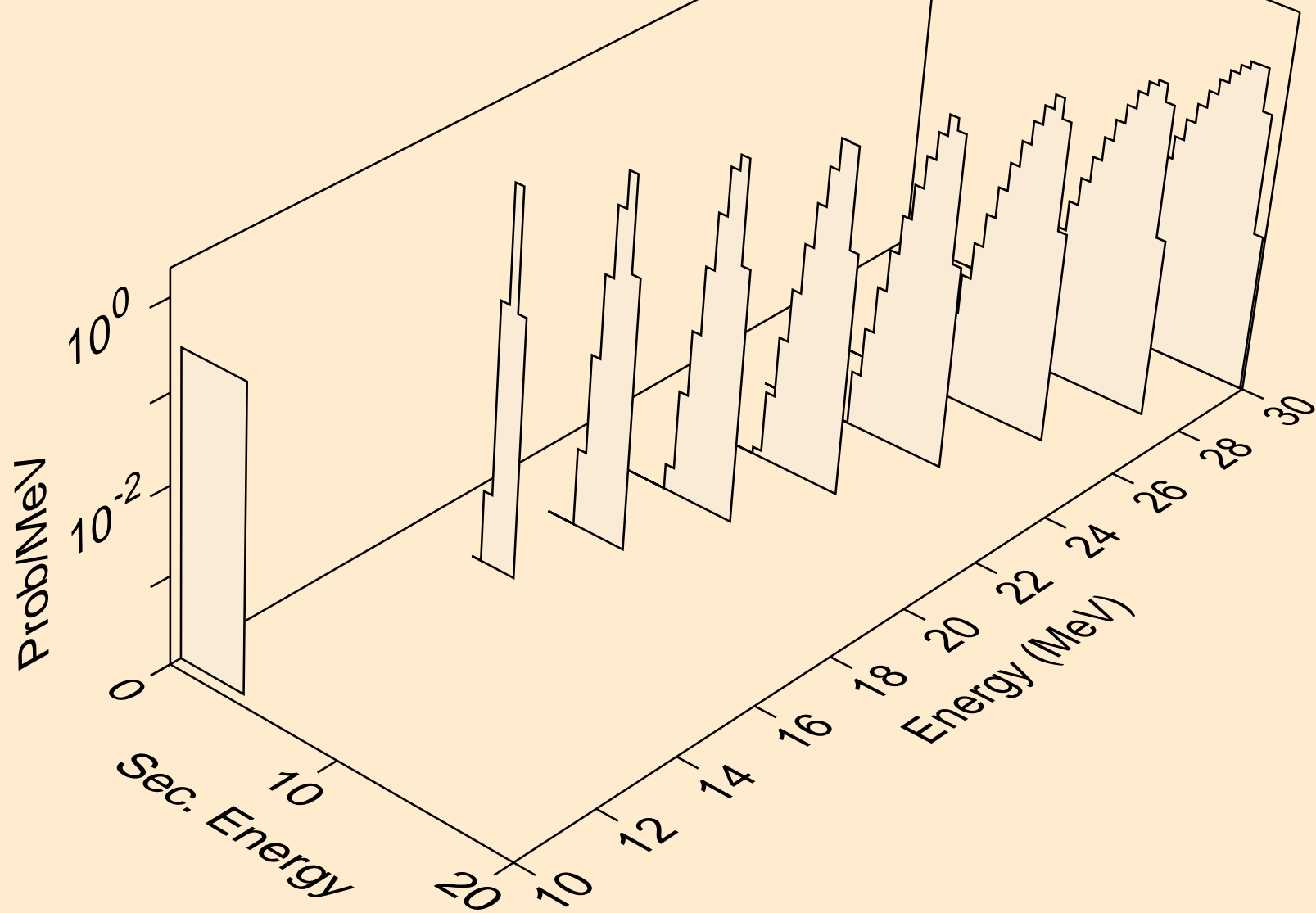
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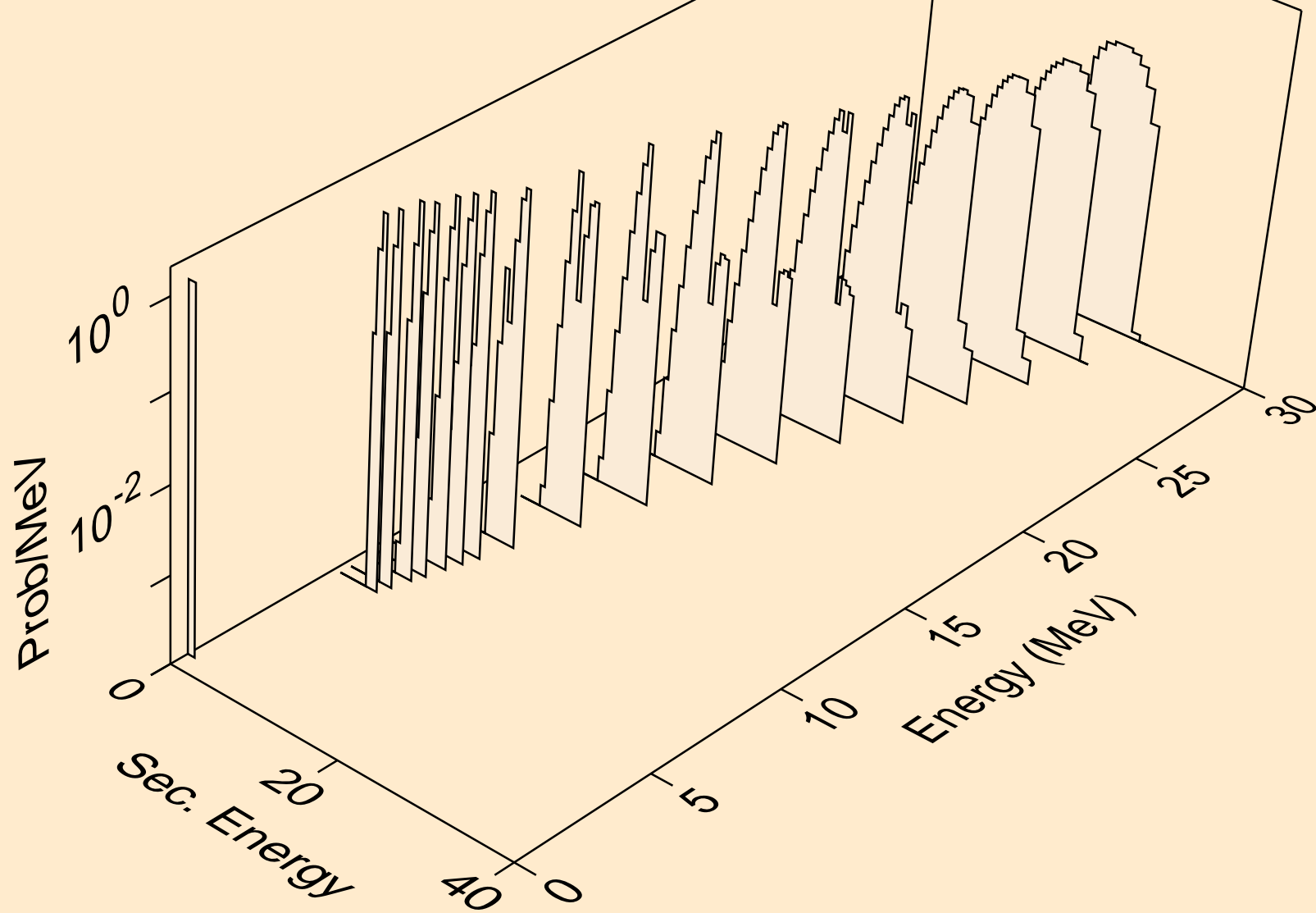
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



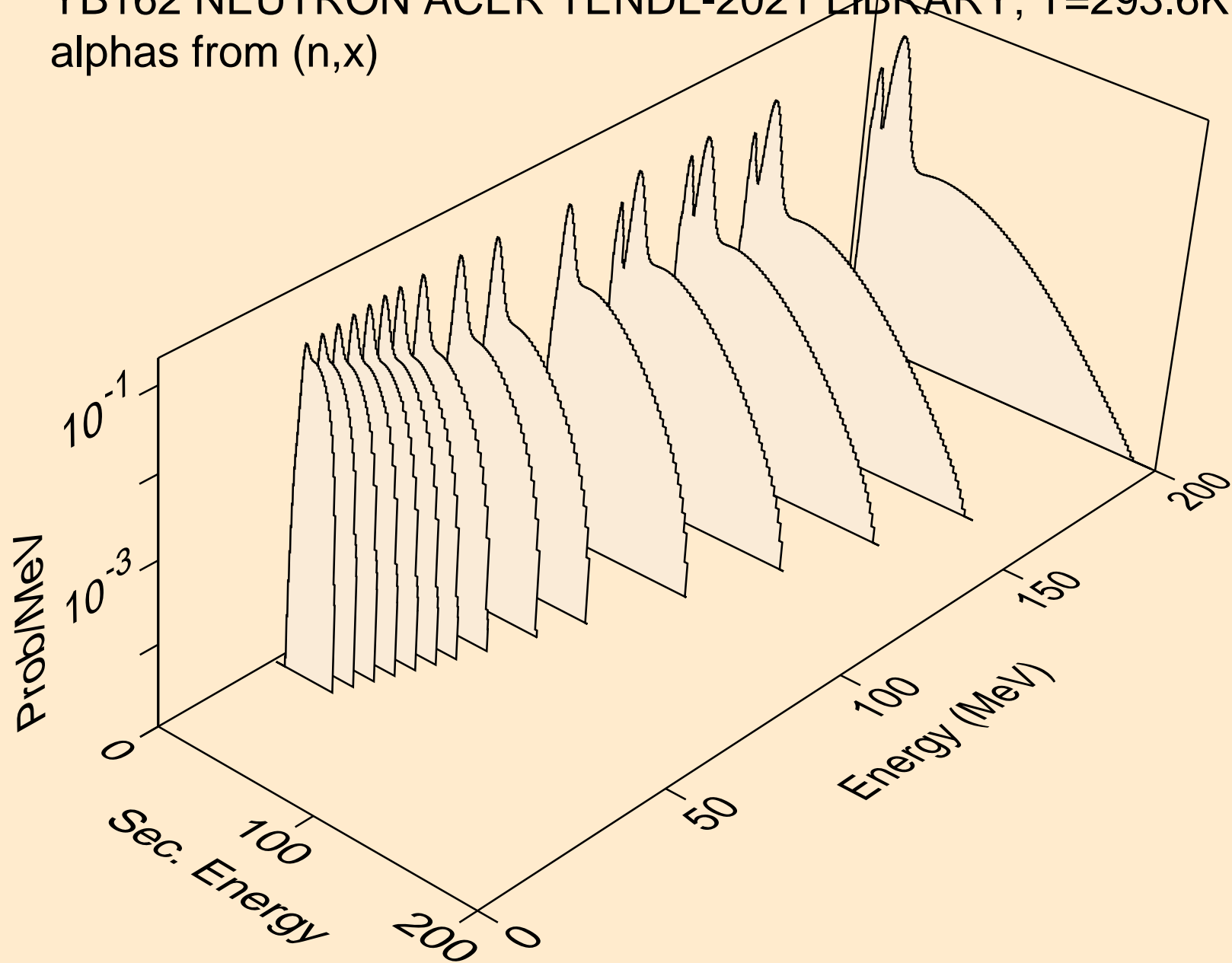
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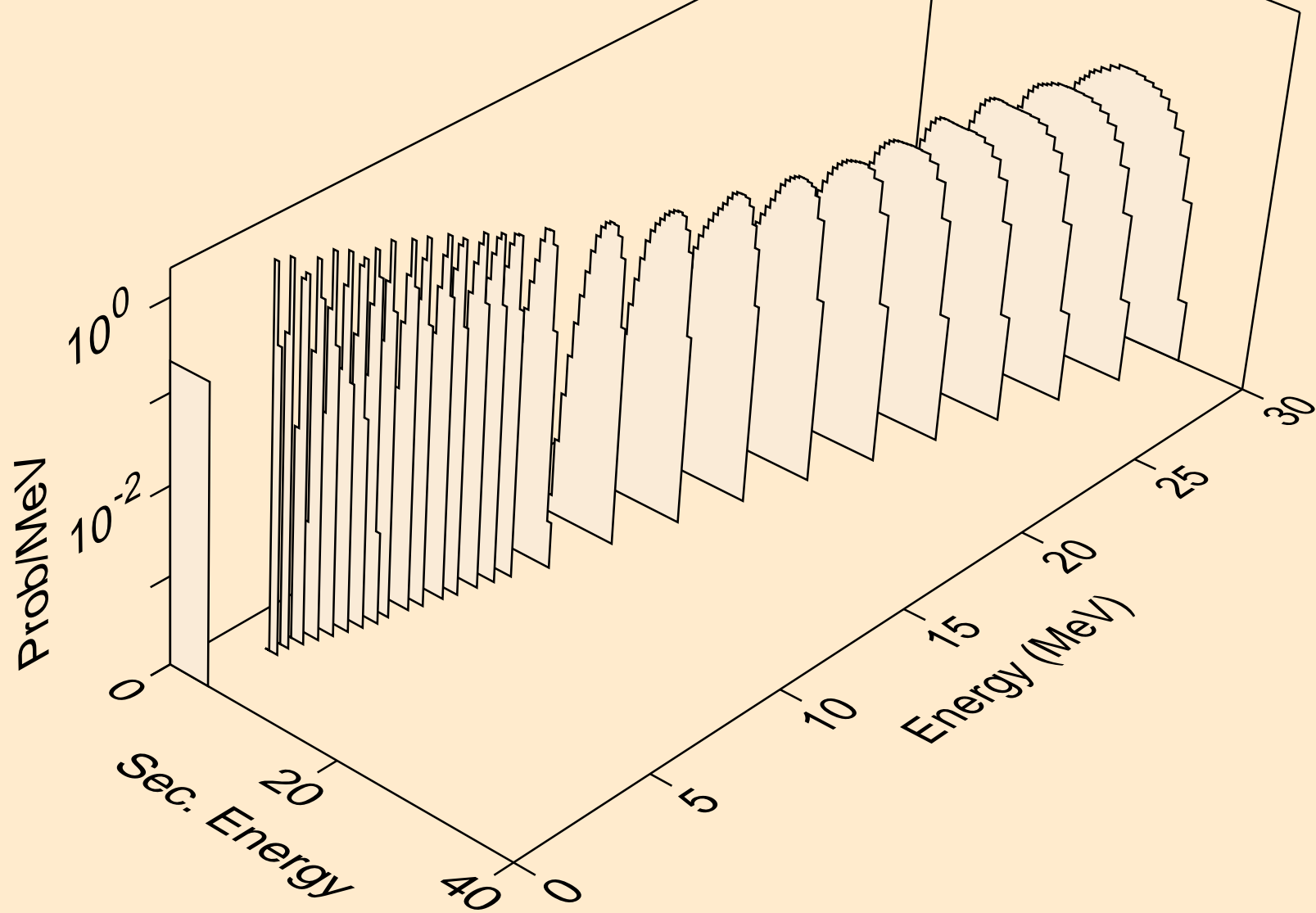
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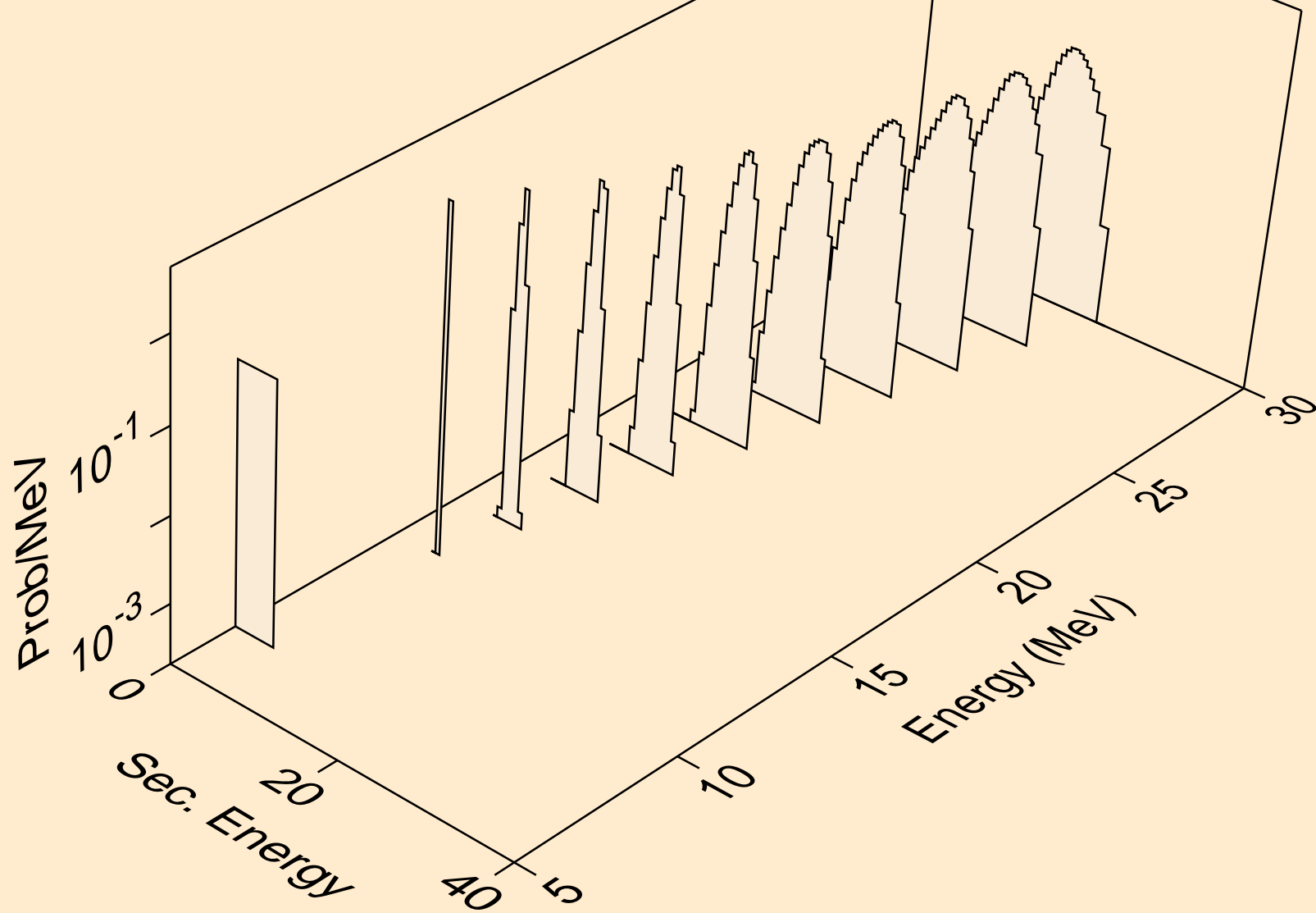
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



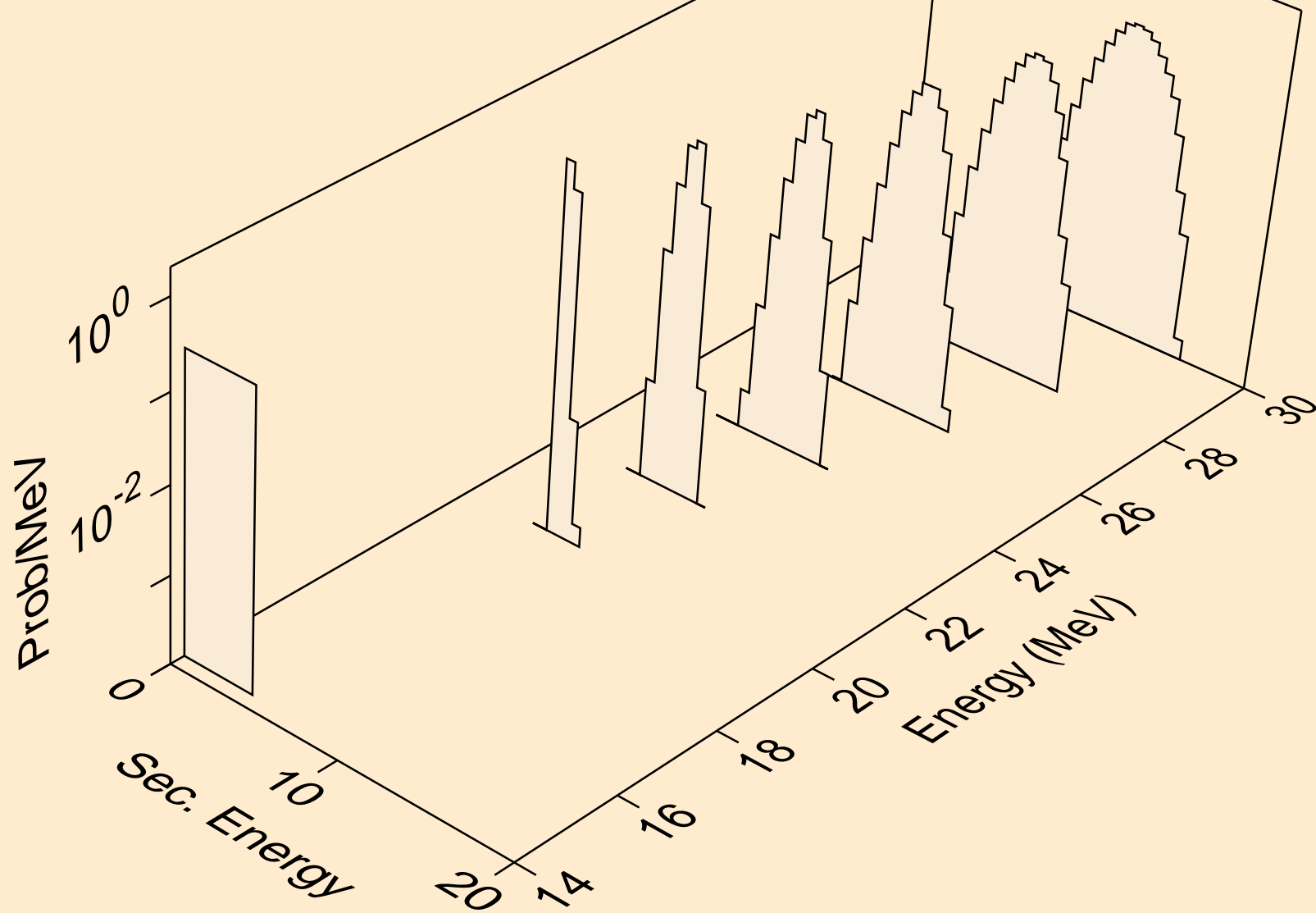
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

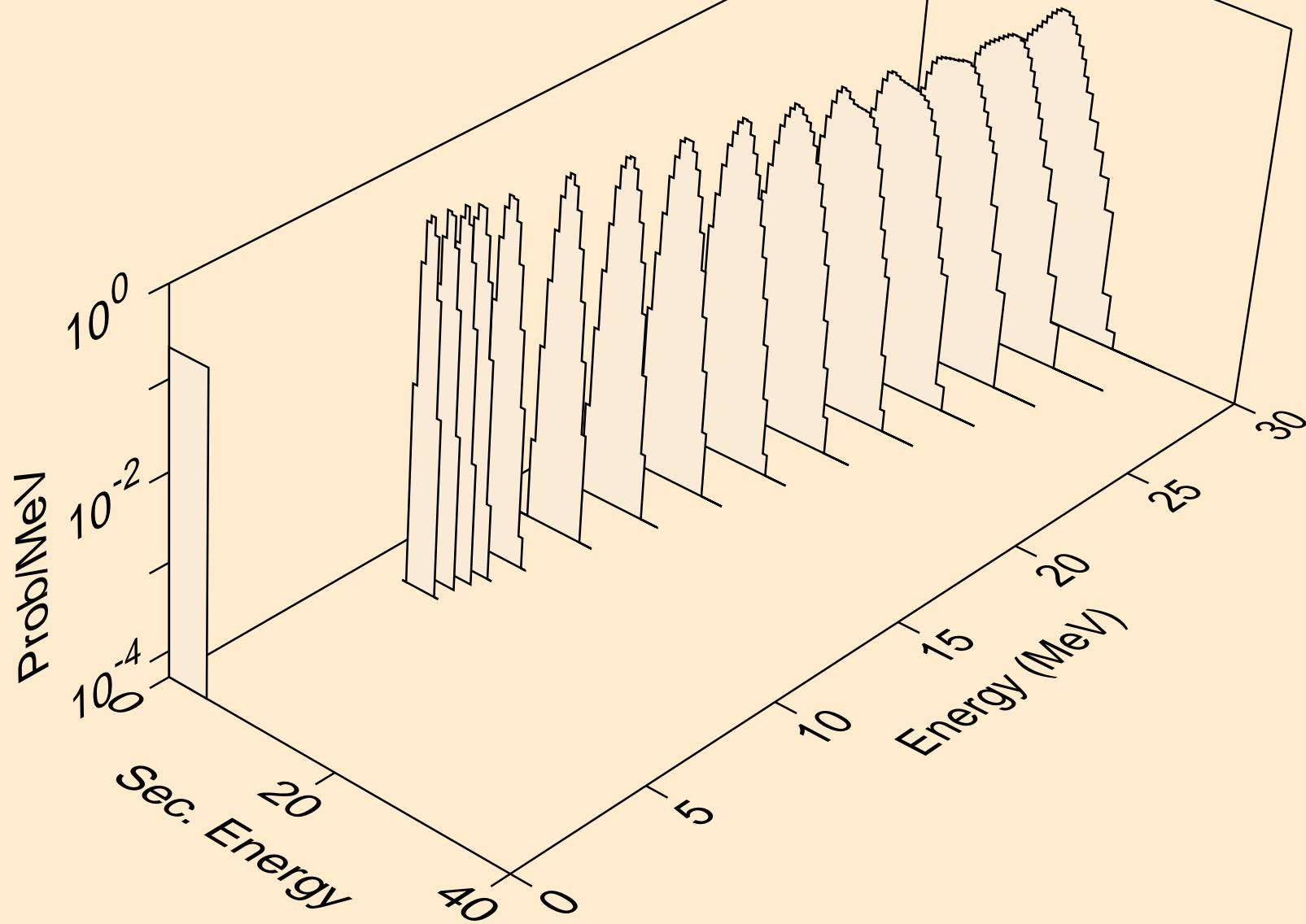


YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

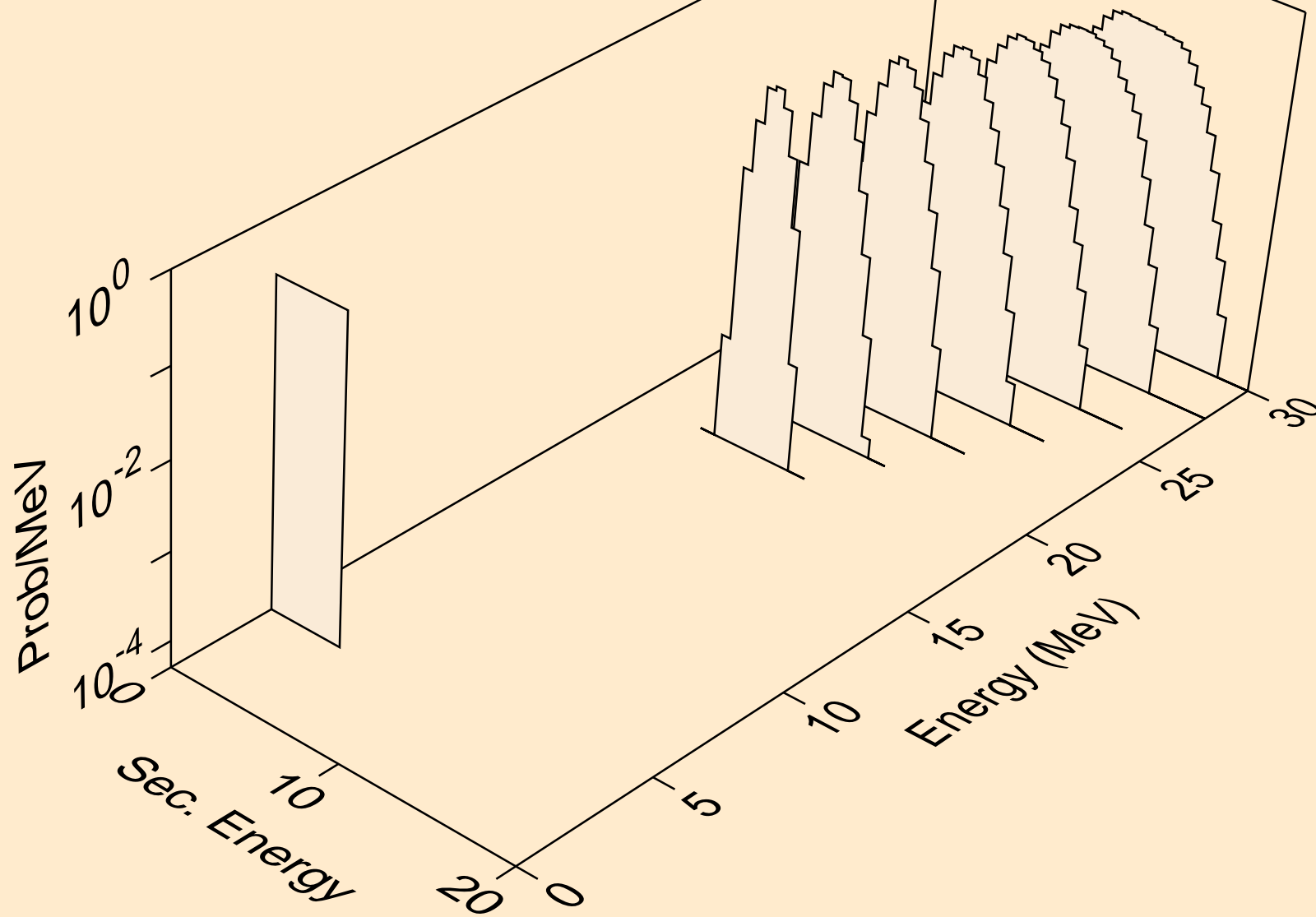




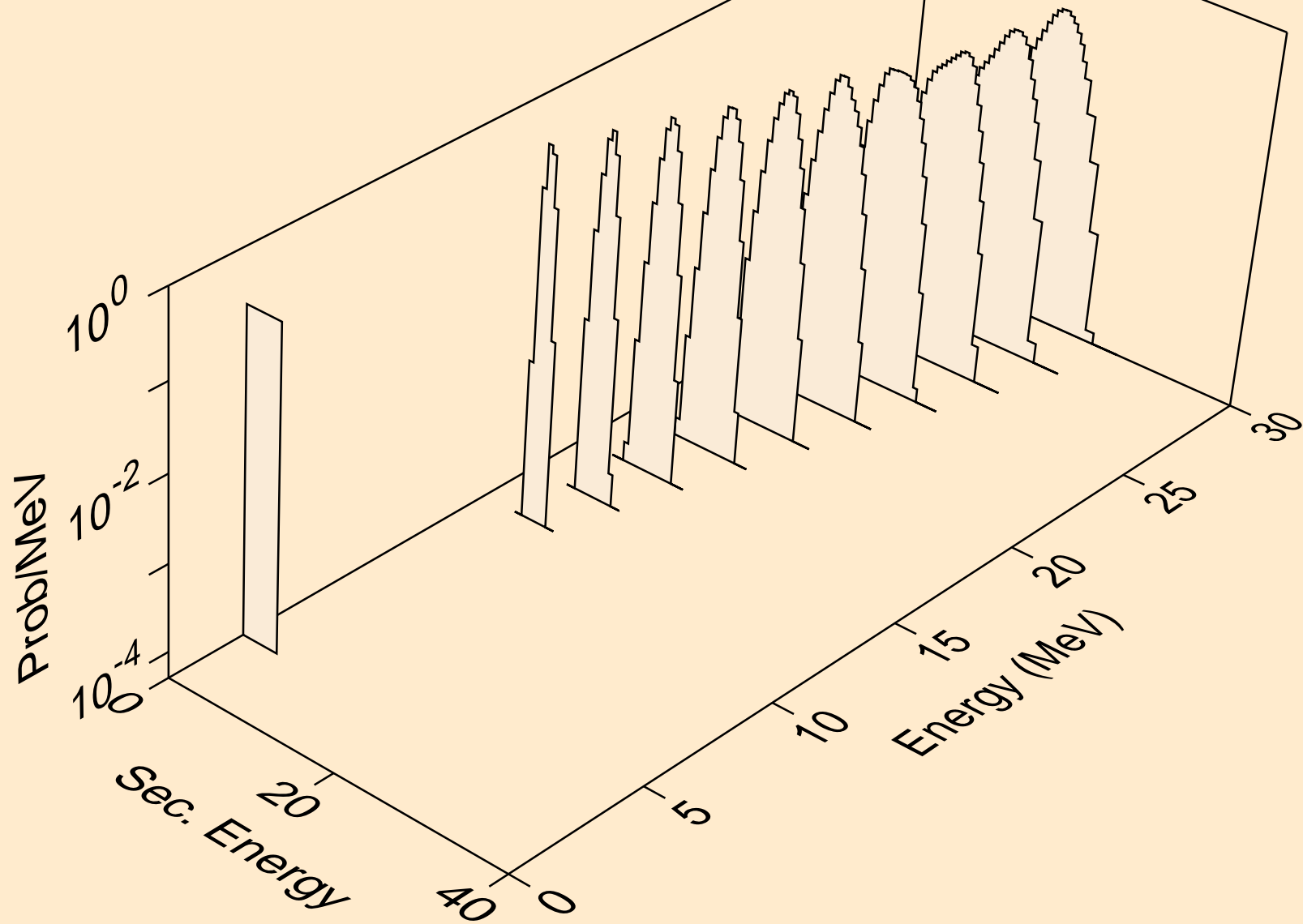
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



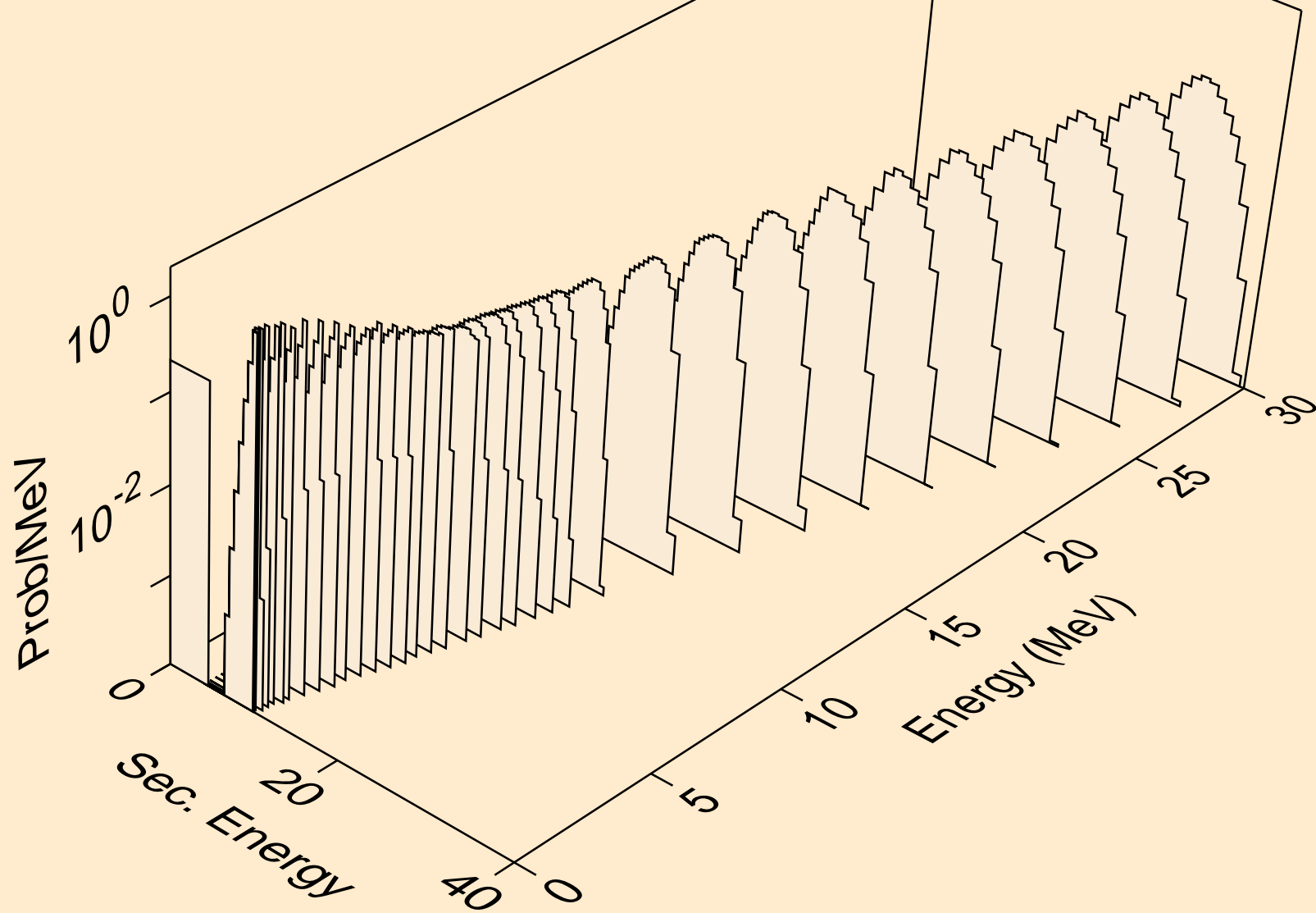
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



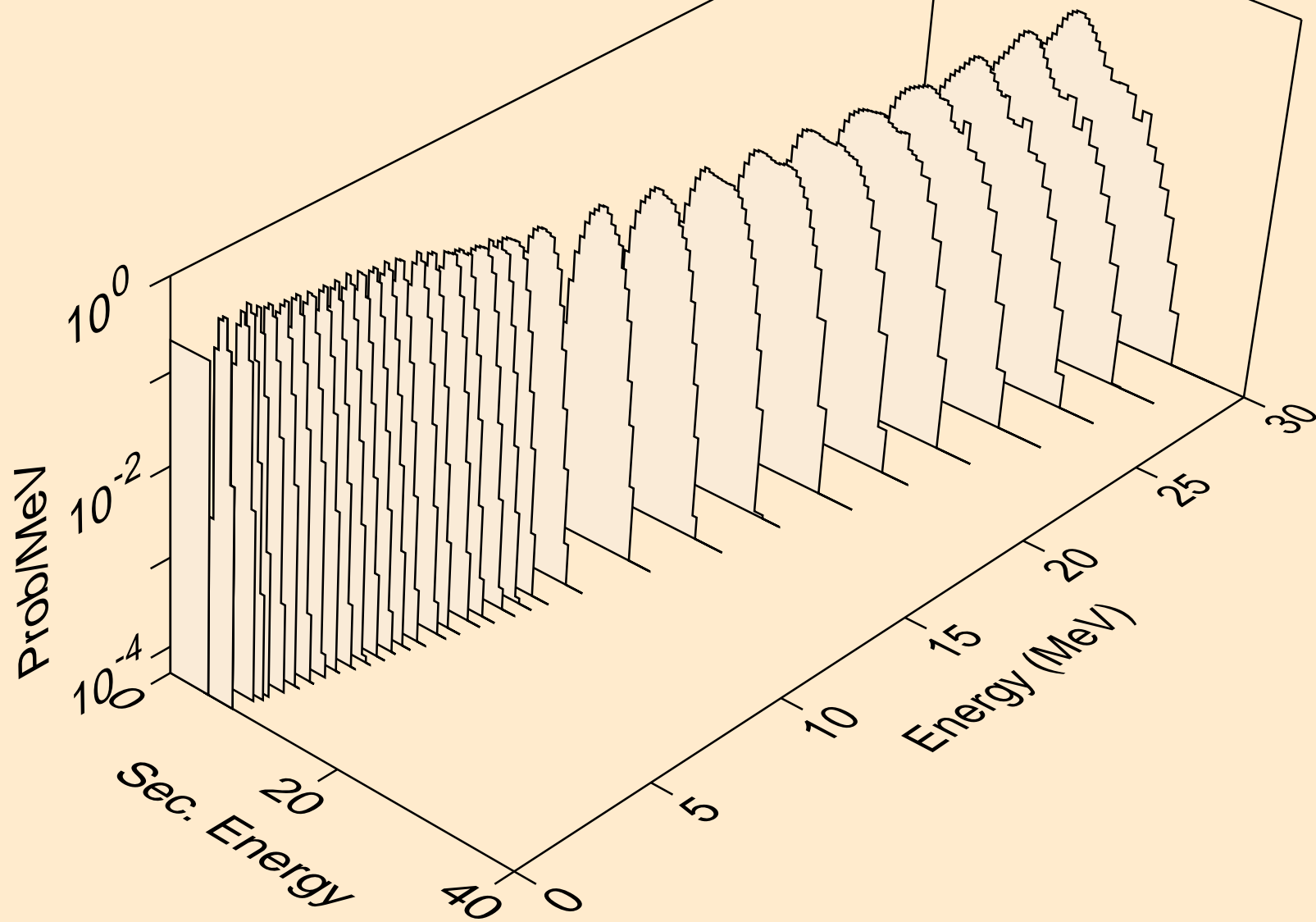
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



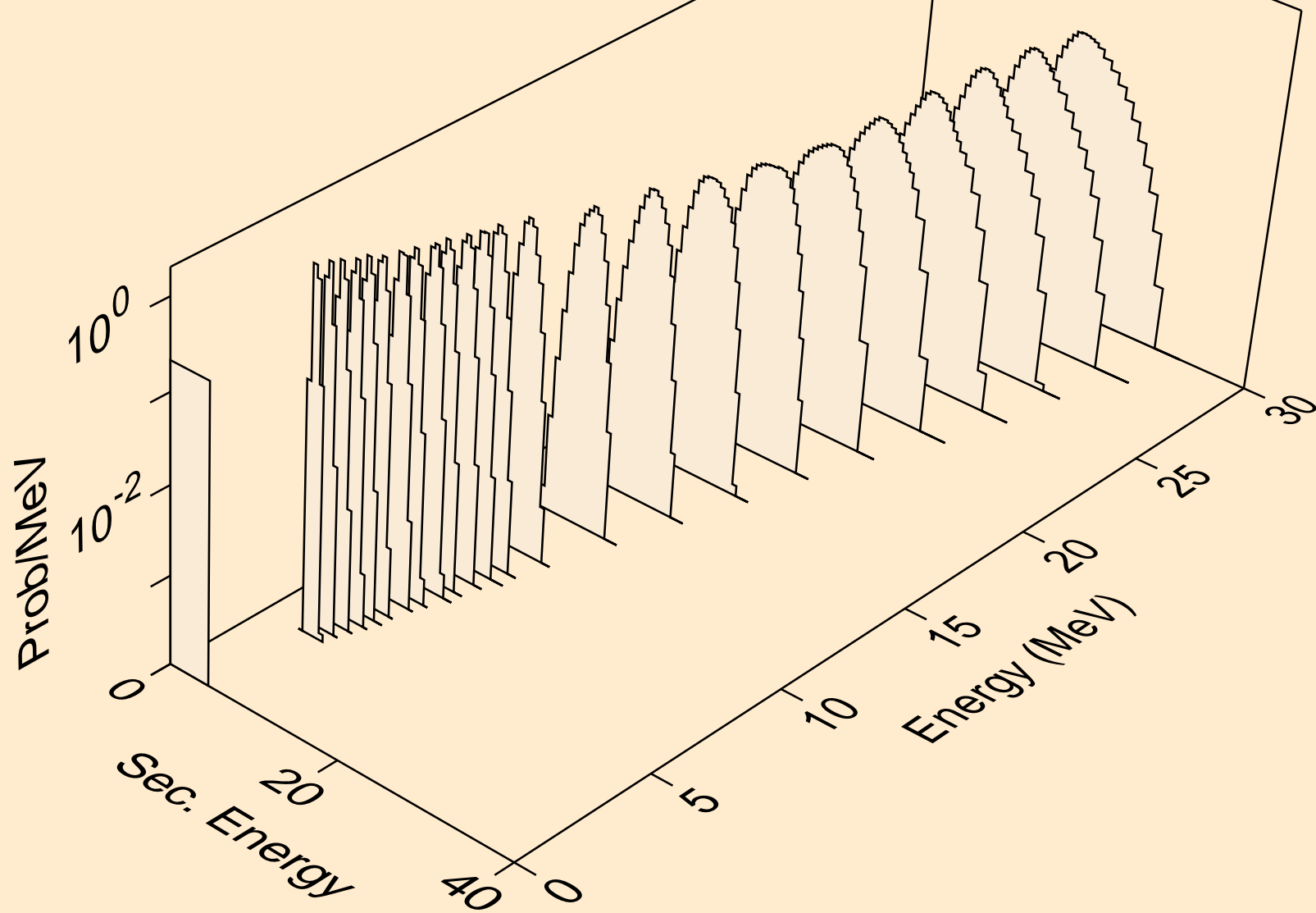
YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



YB162 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

