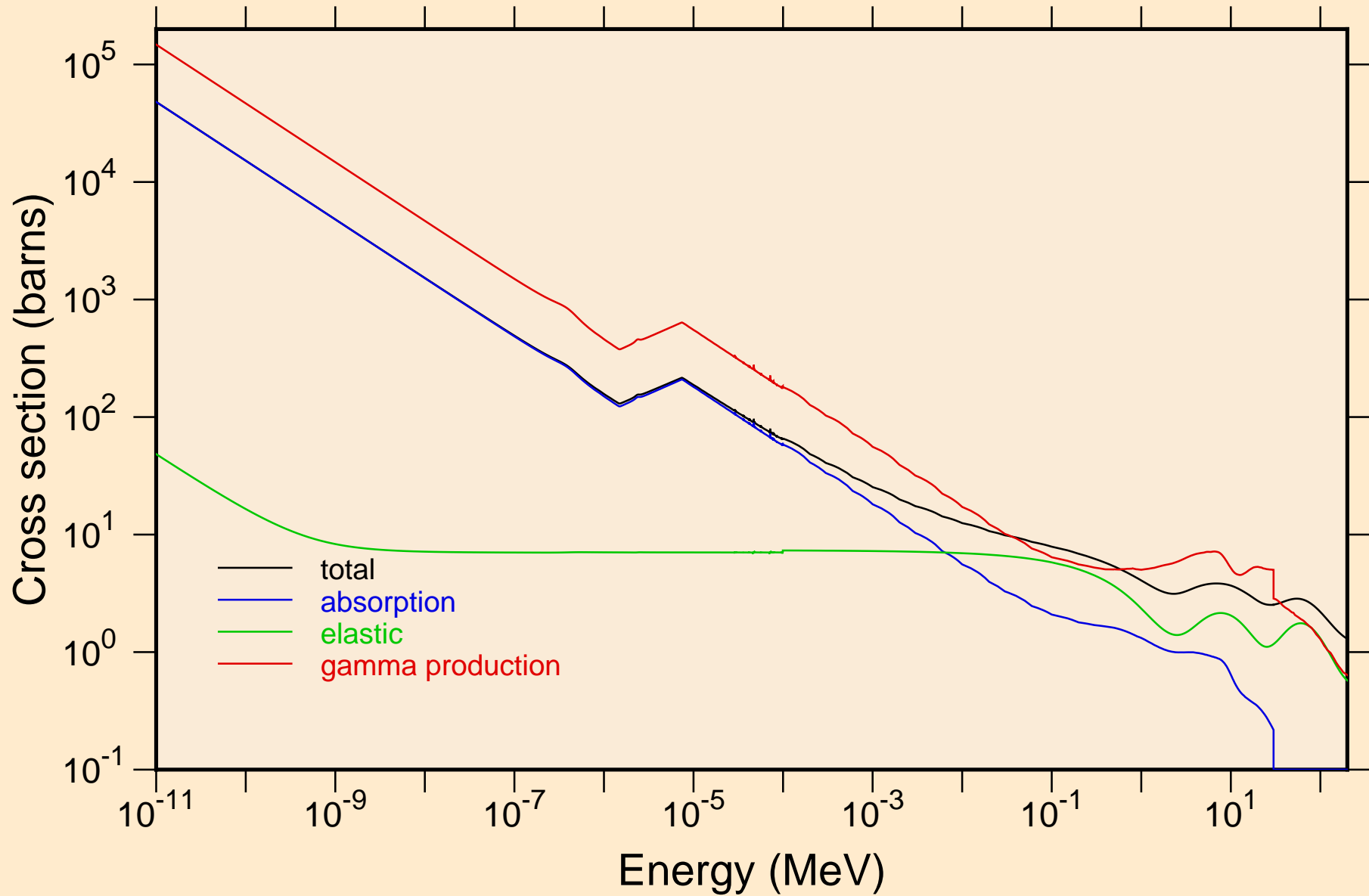
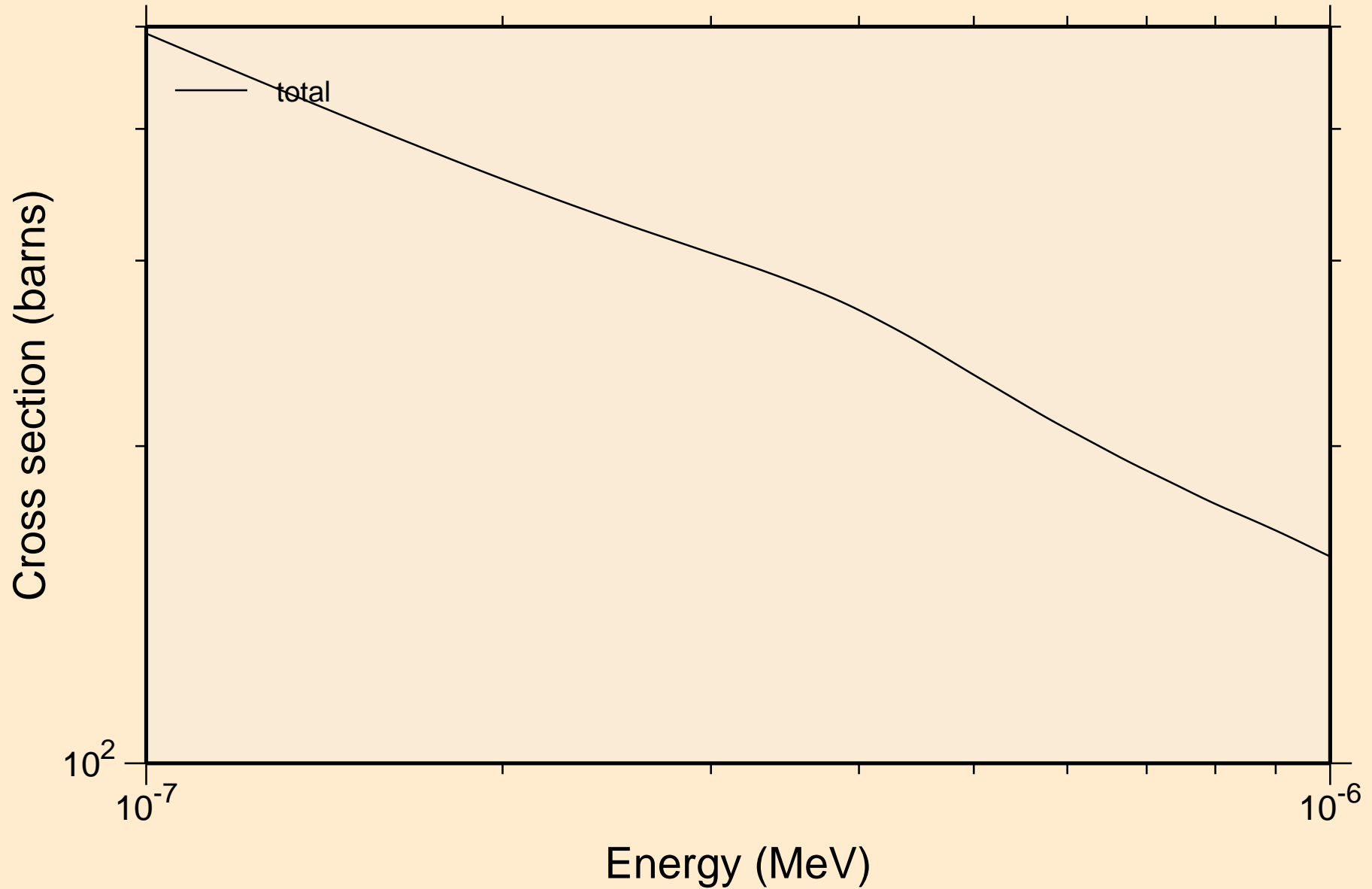


# AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

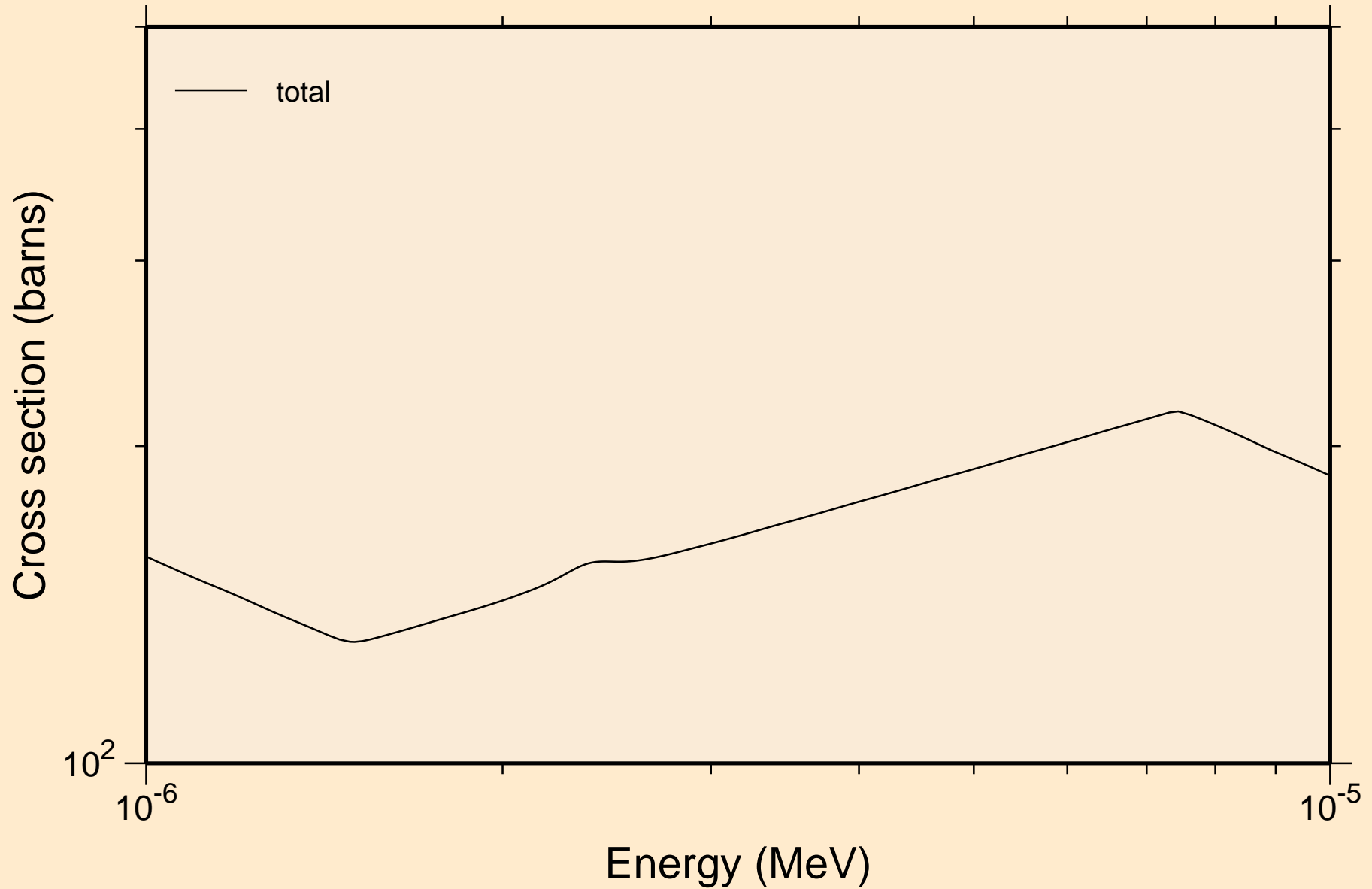
## Principal cross sections



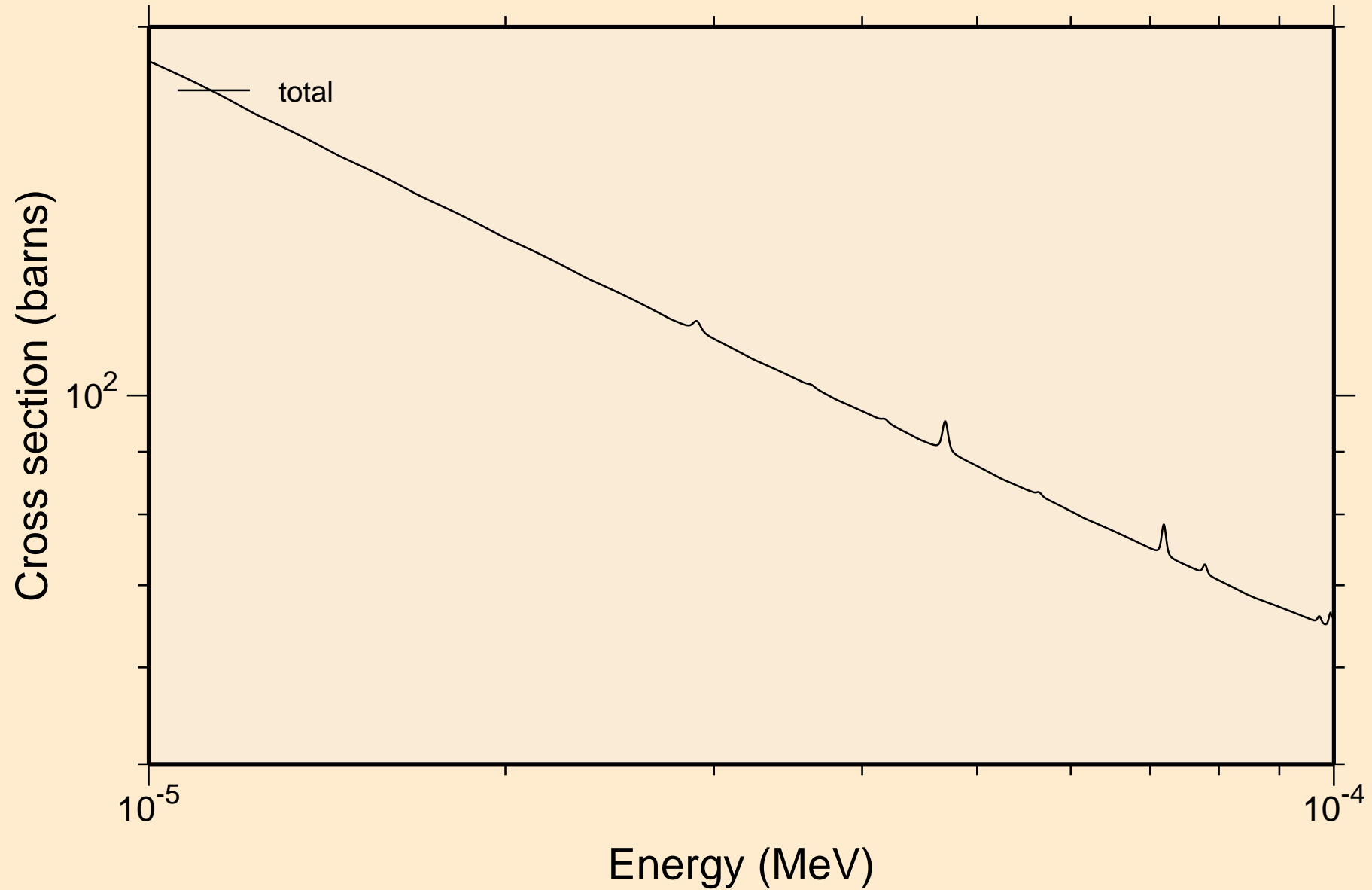
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



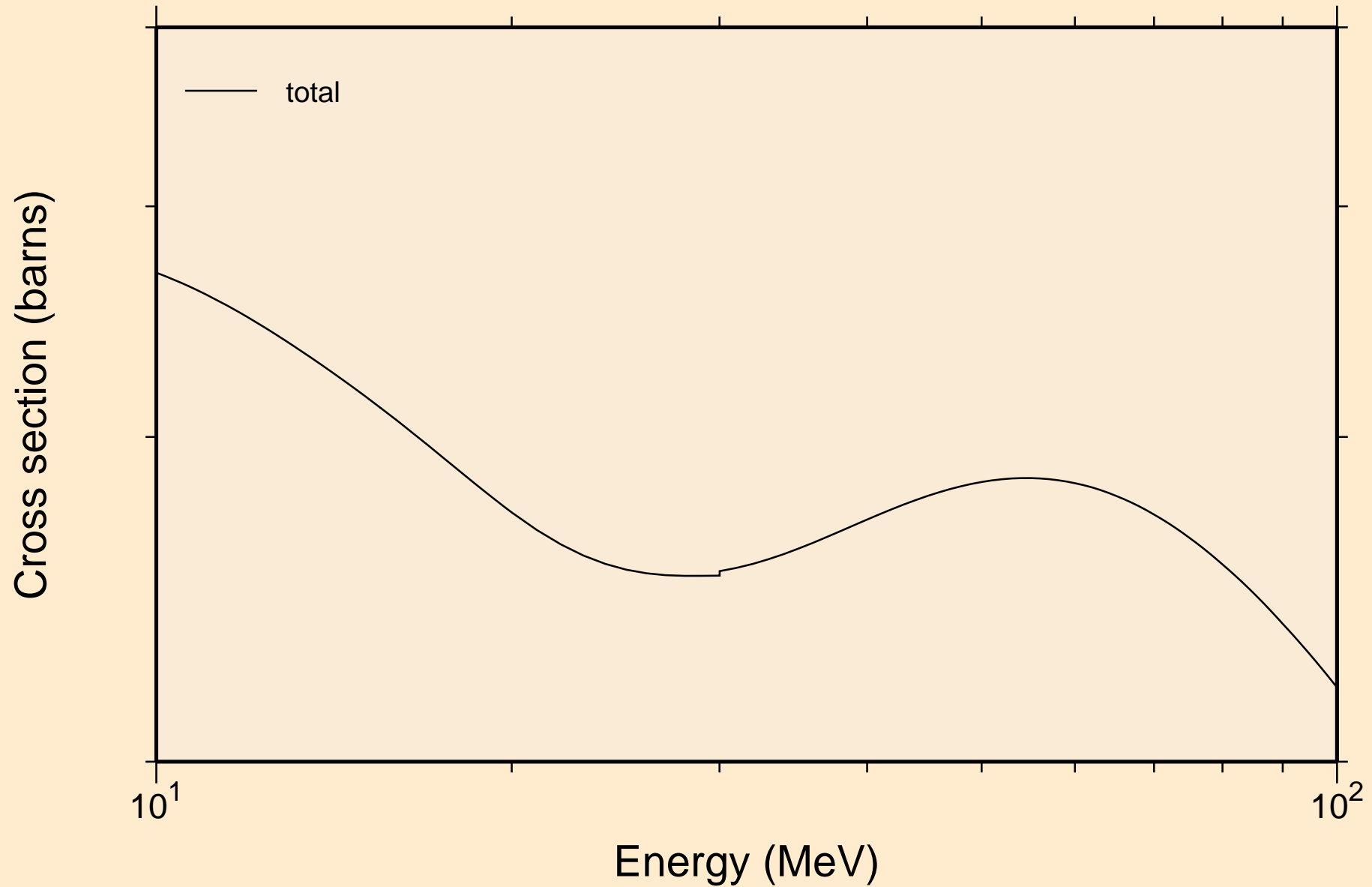
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



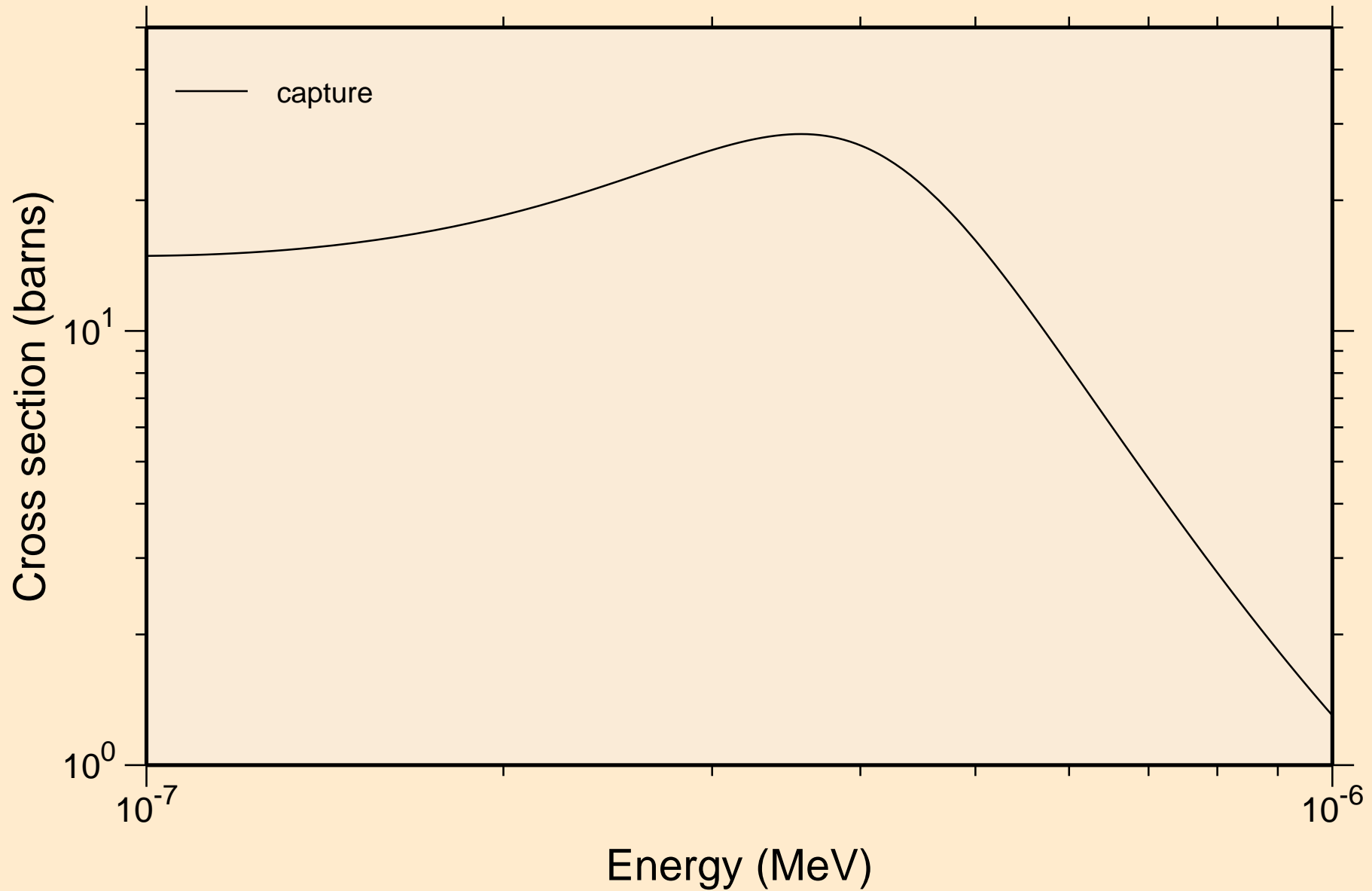
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



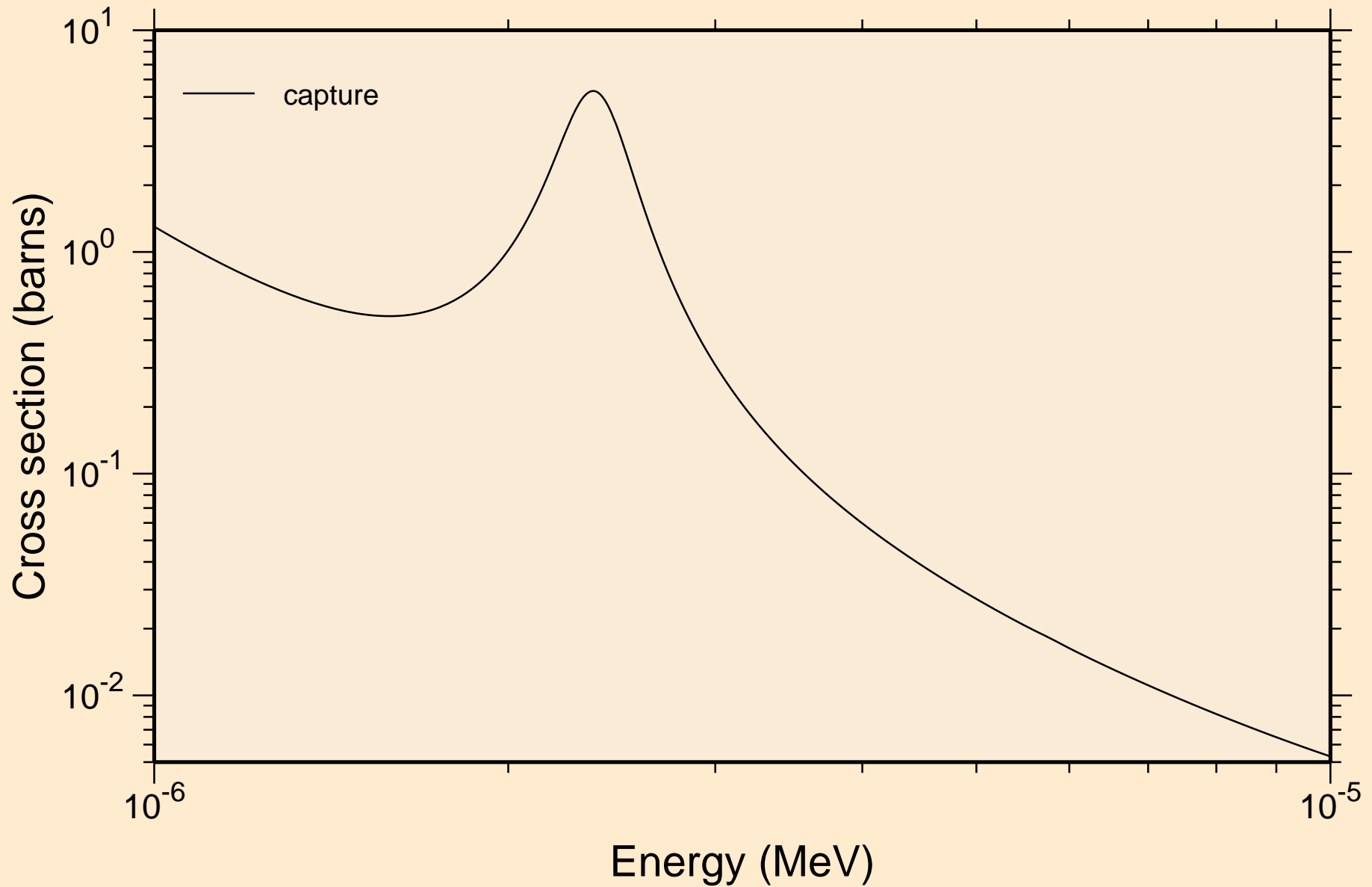
A5070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



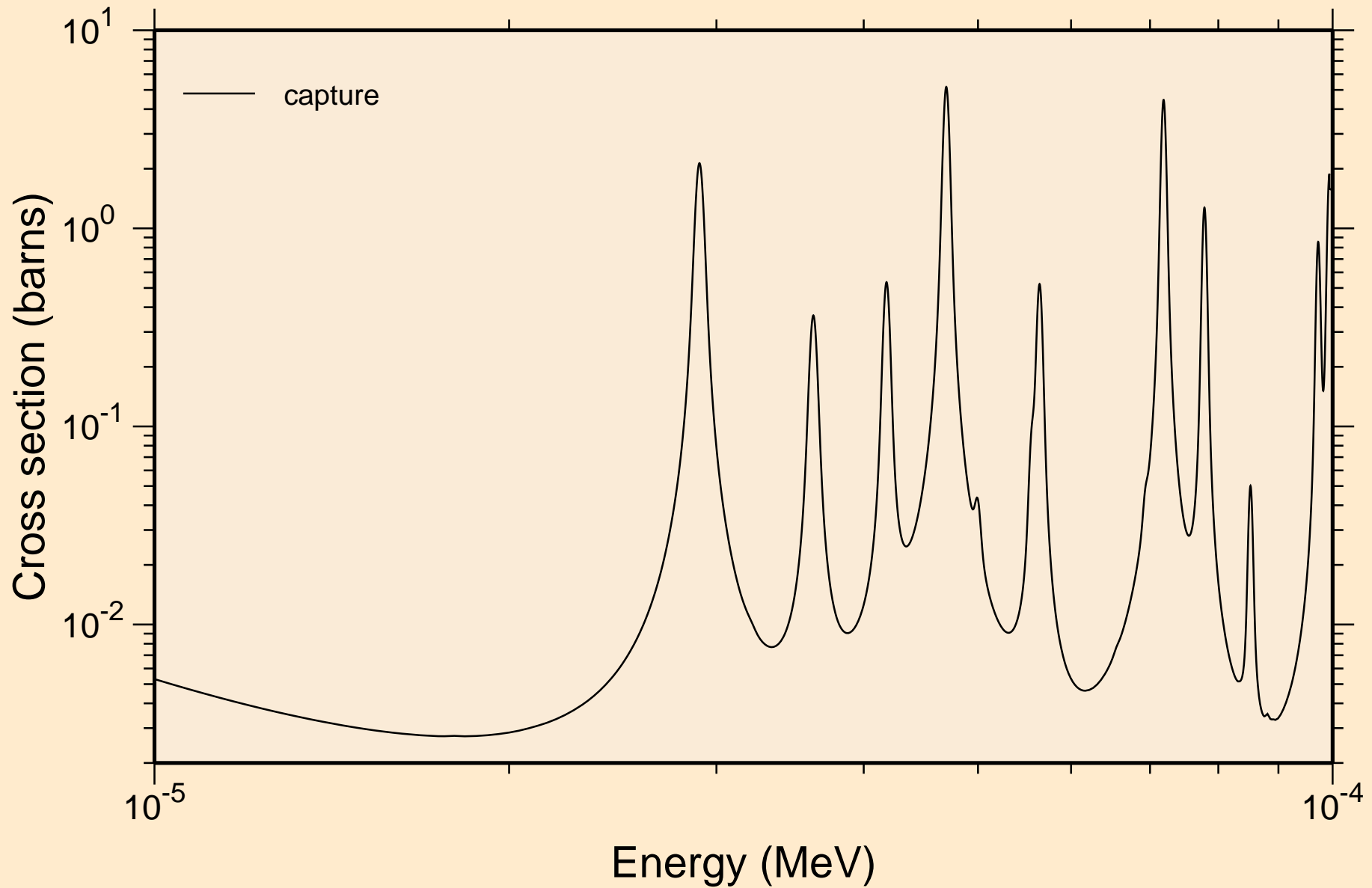
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

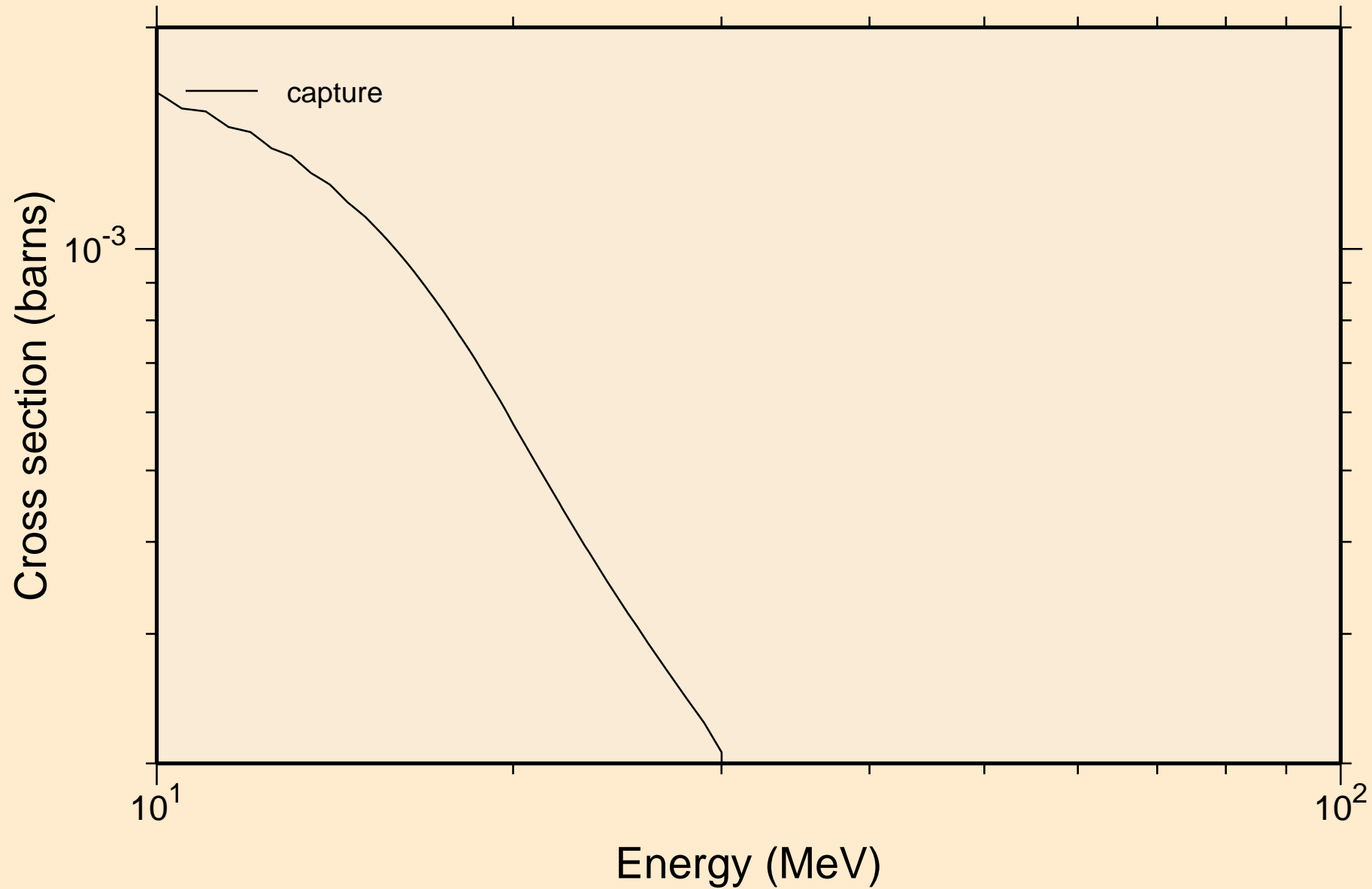


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

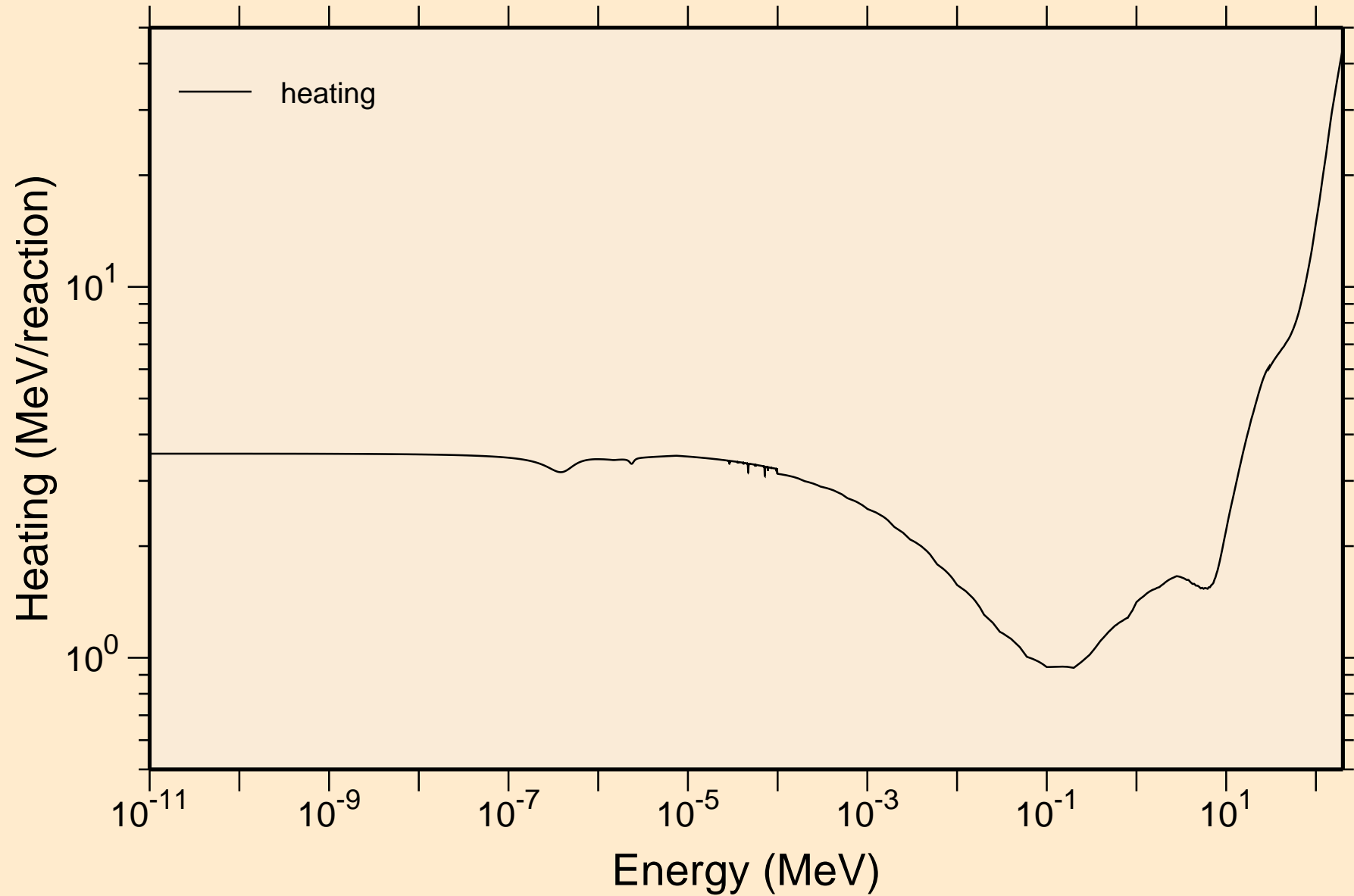




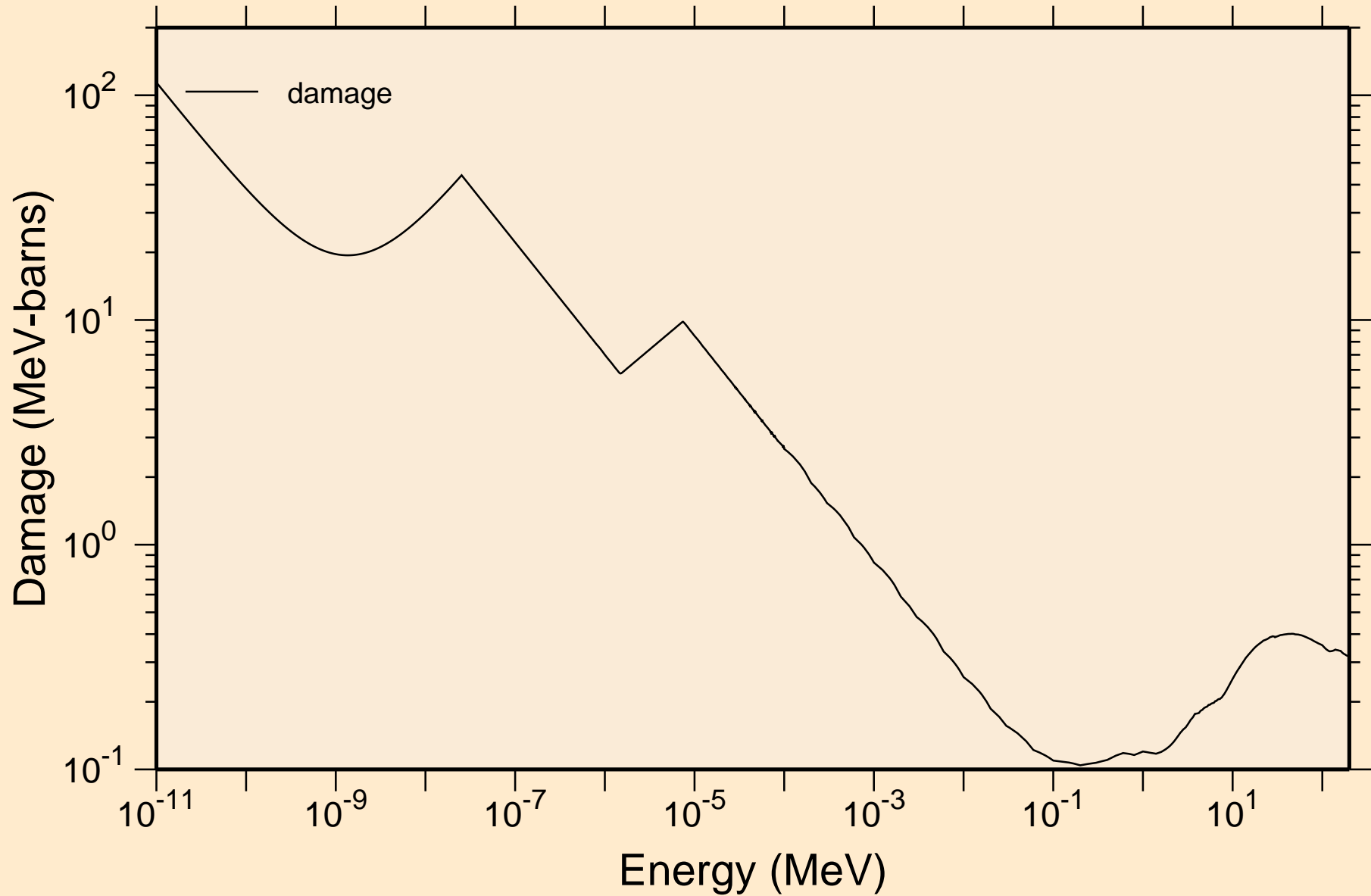
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



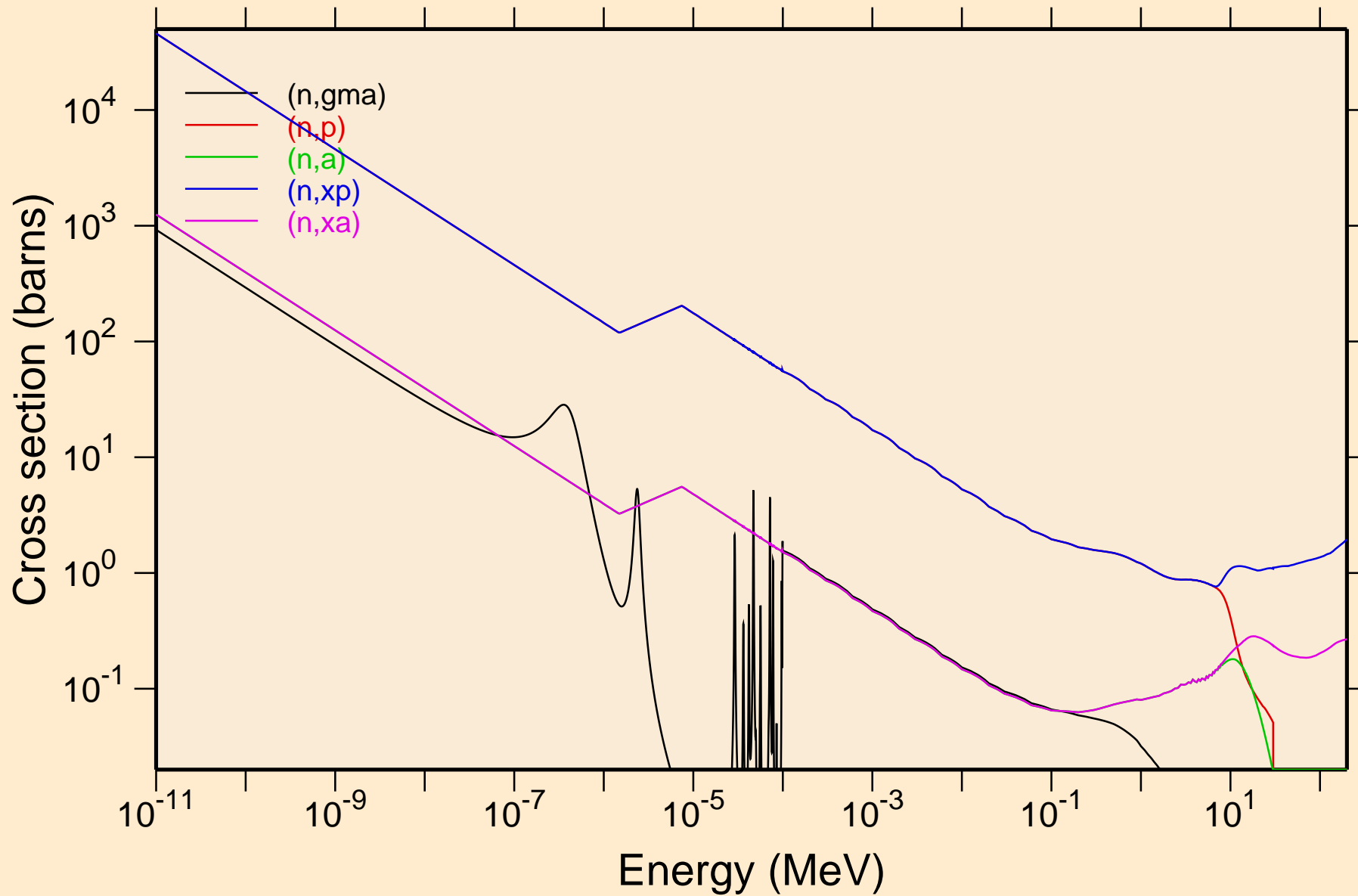
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

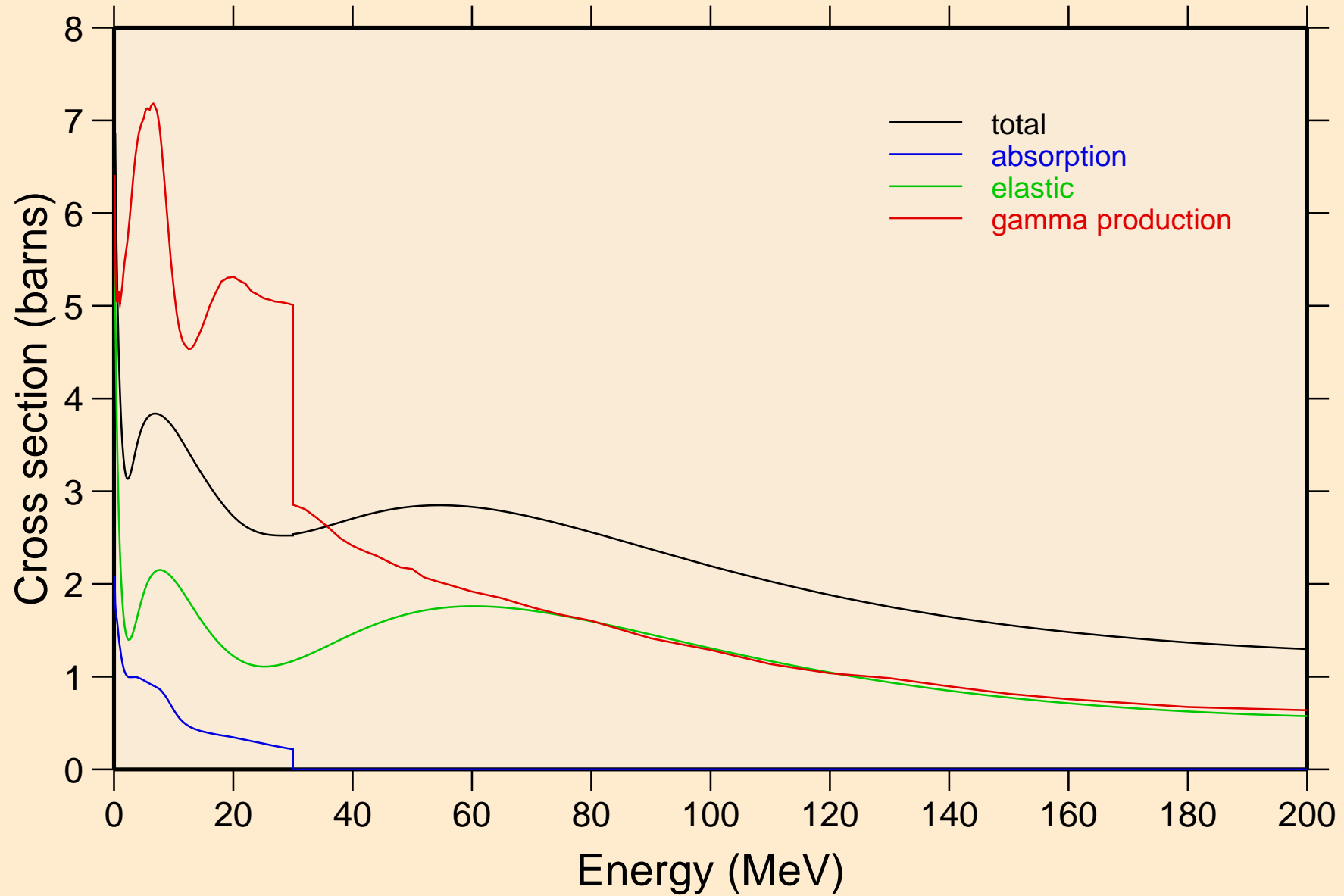


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



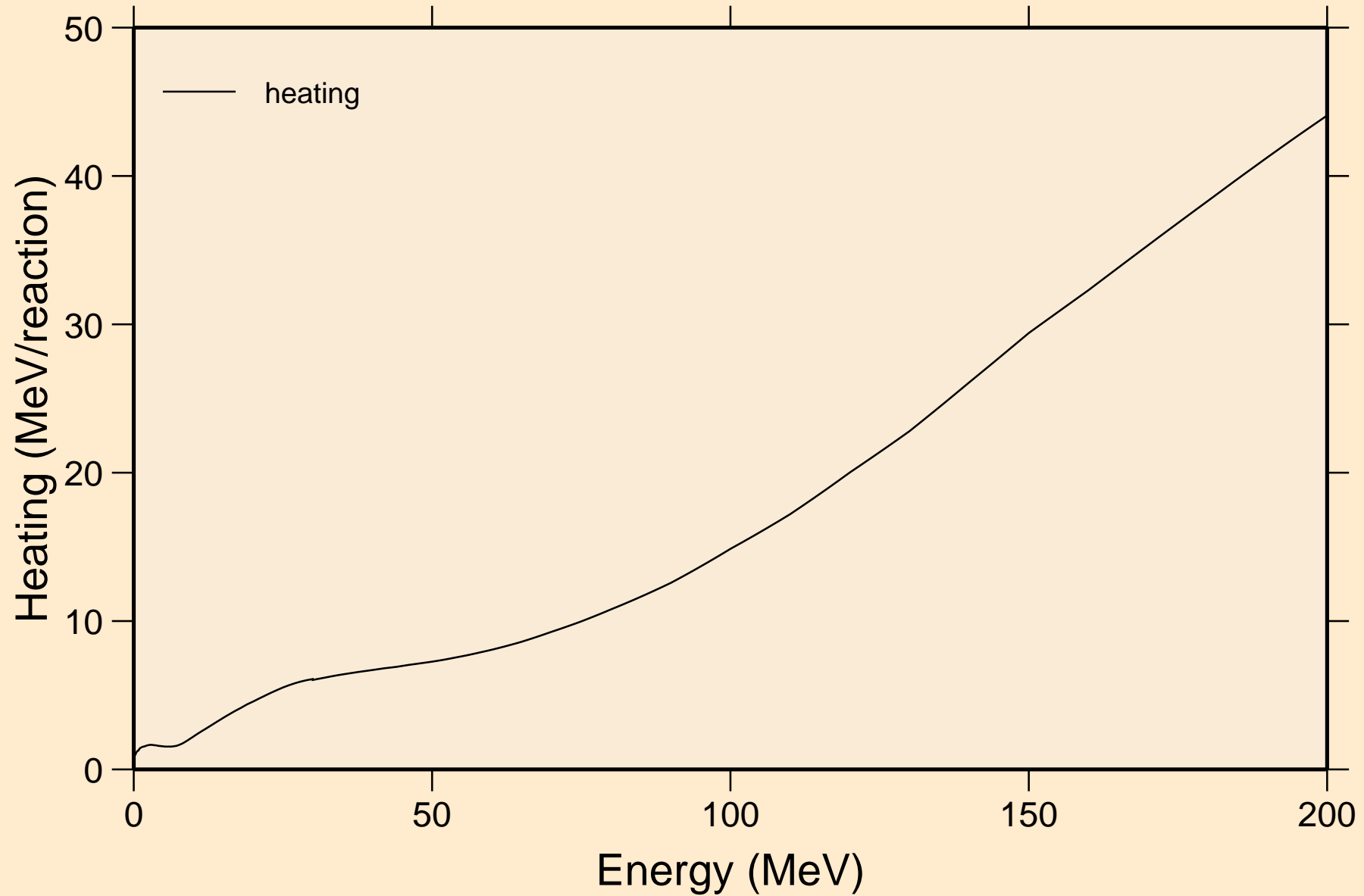
# AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

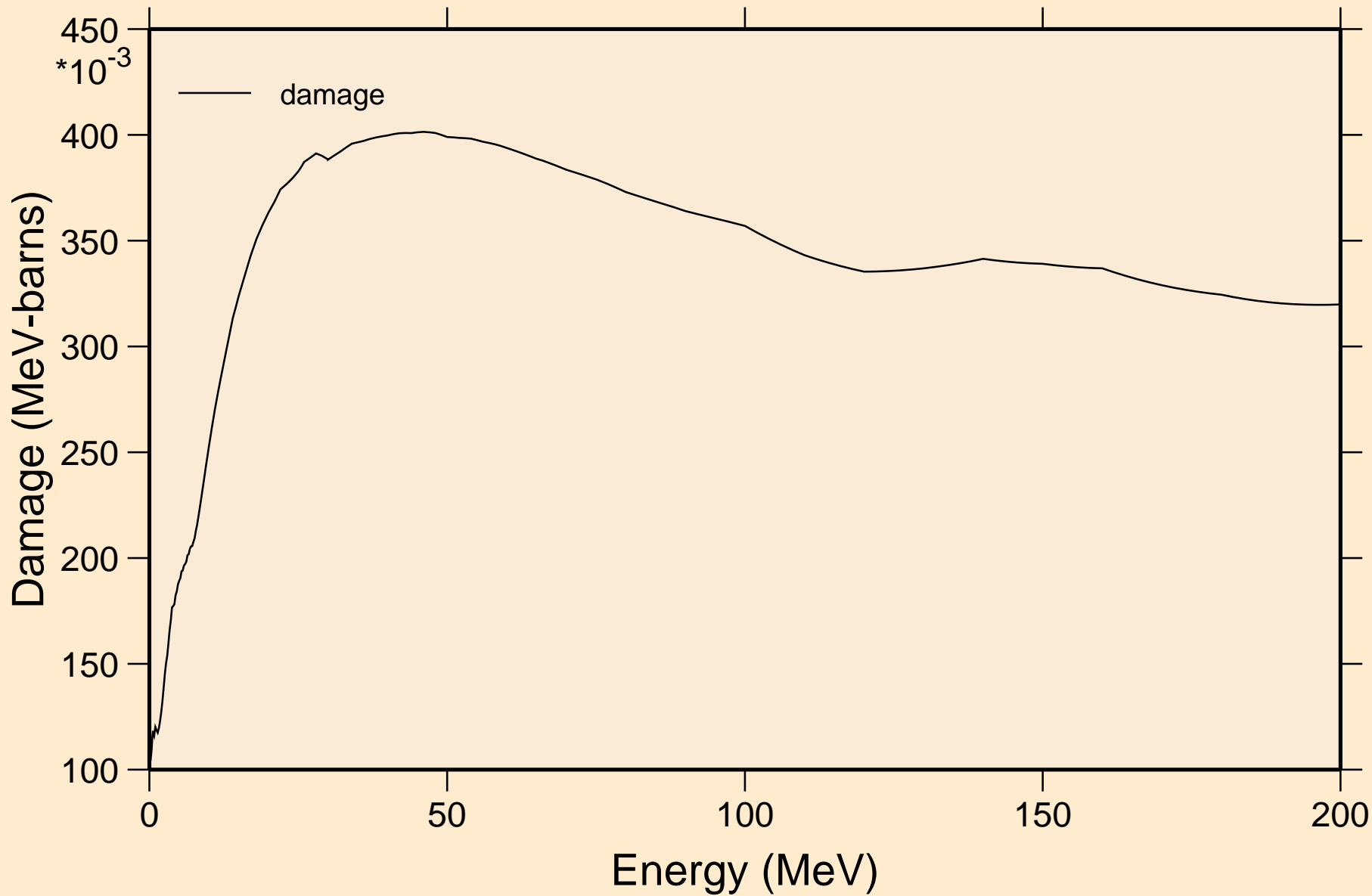


# AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

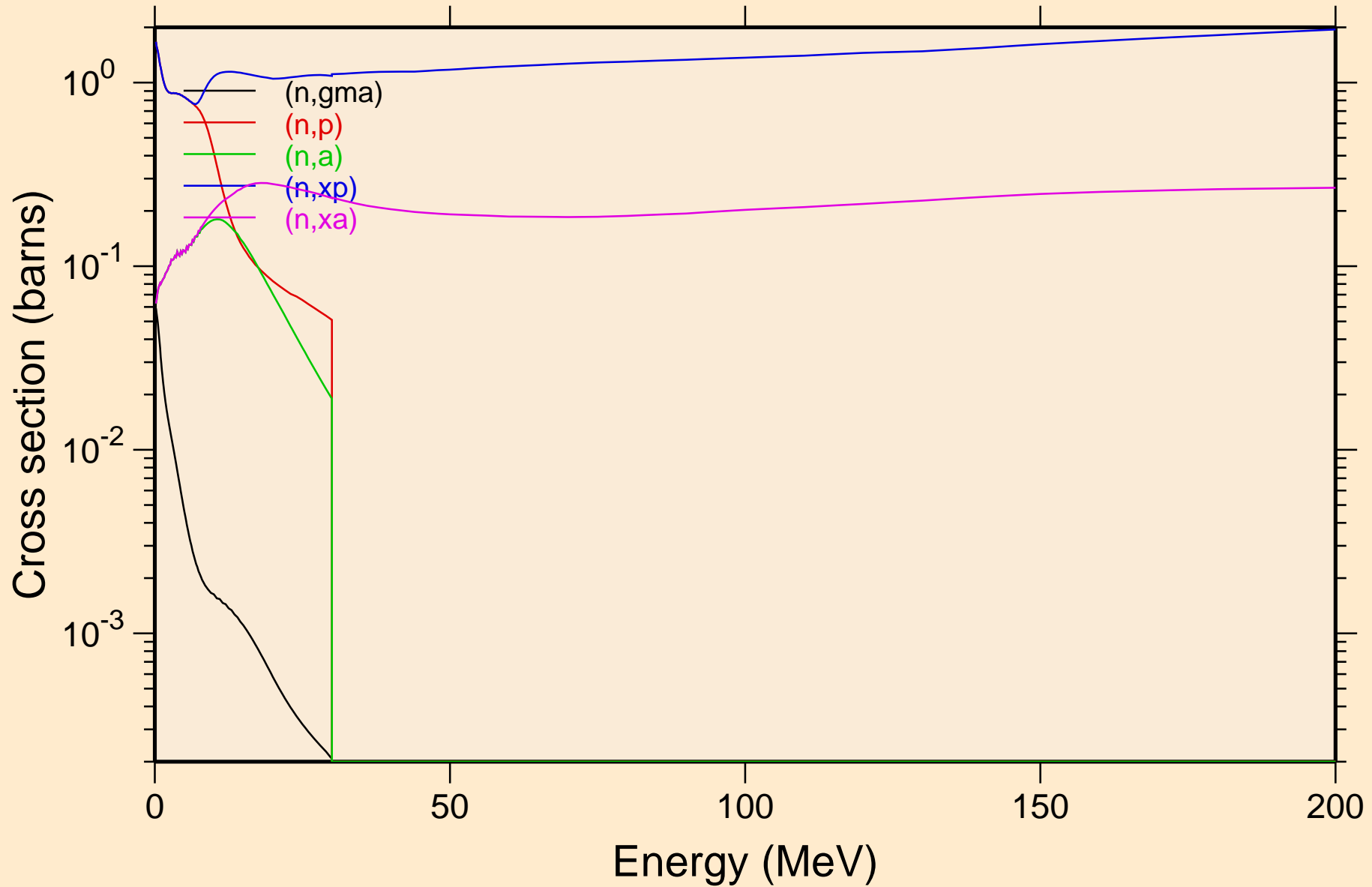
## Heating



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

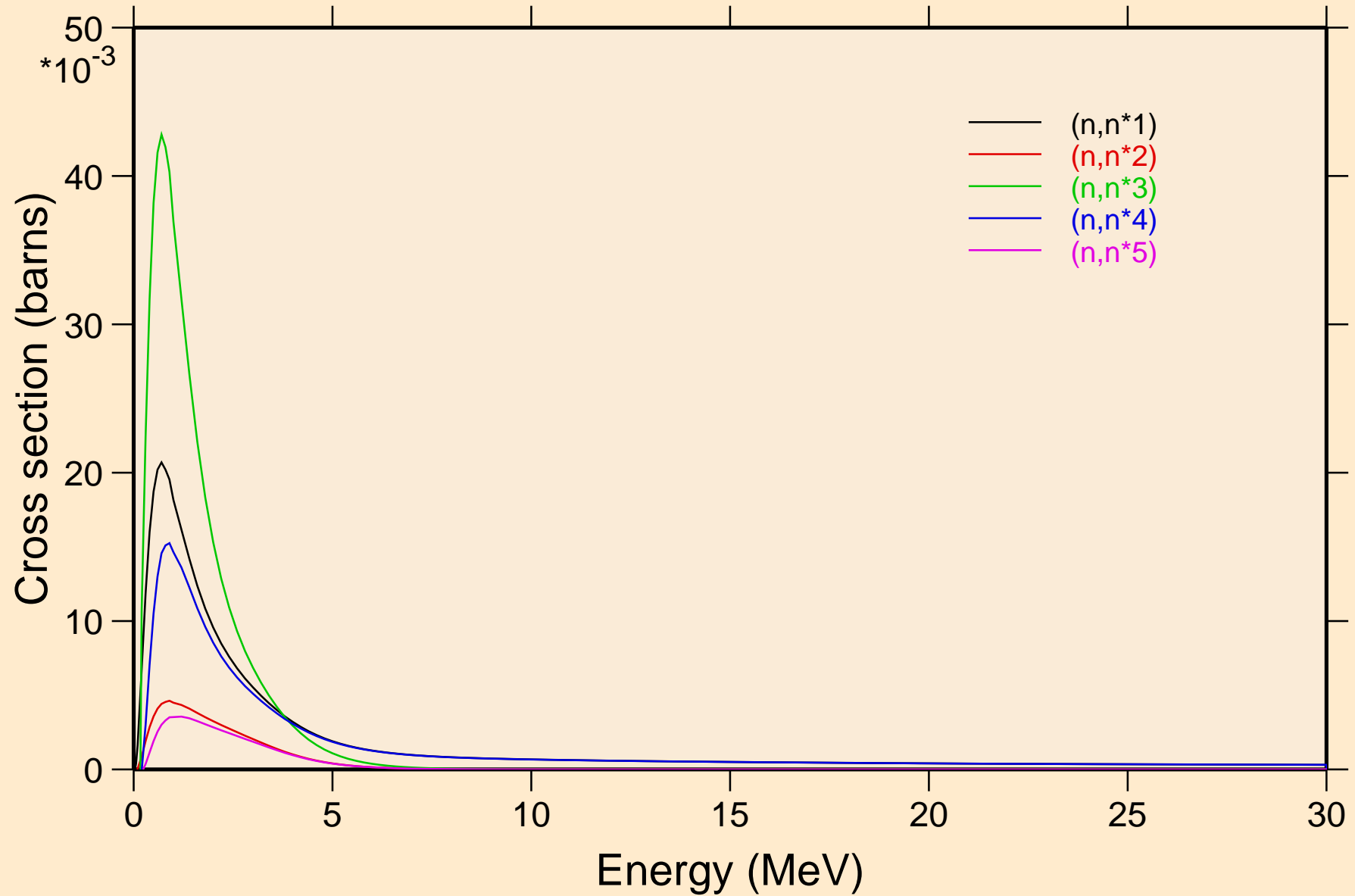


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

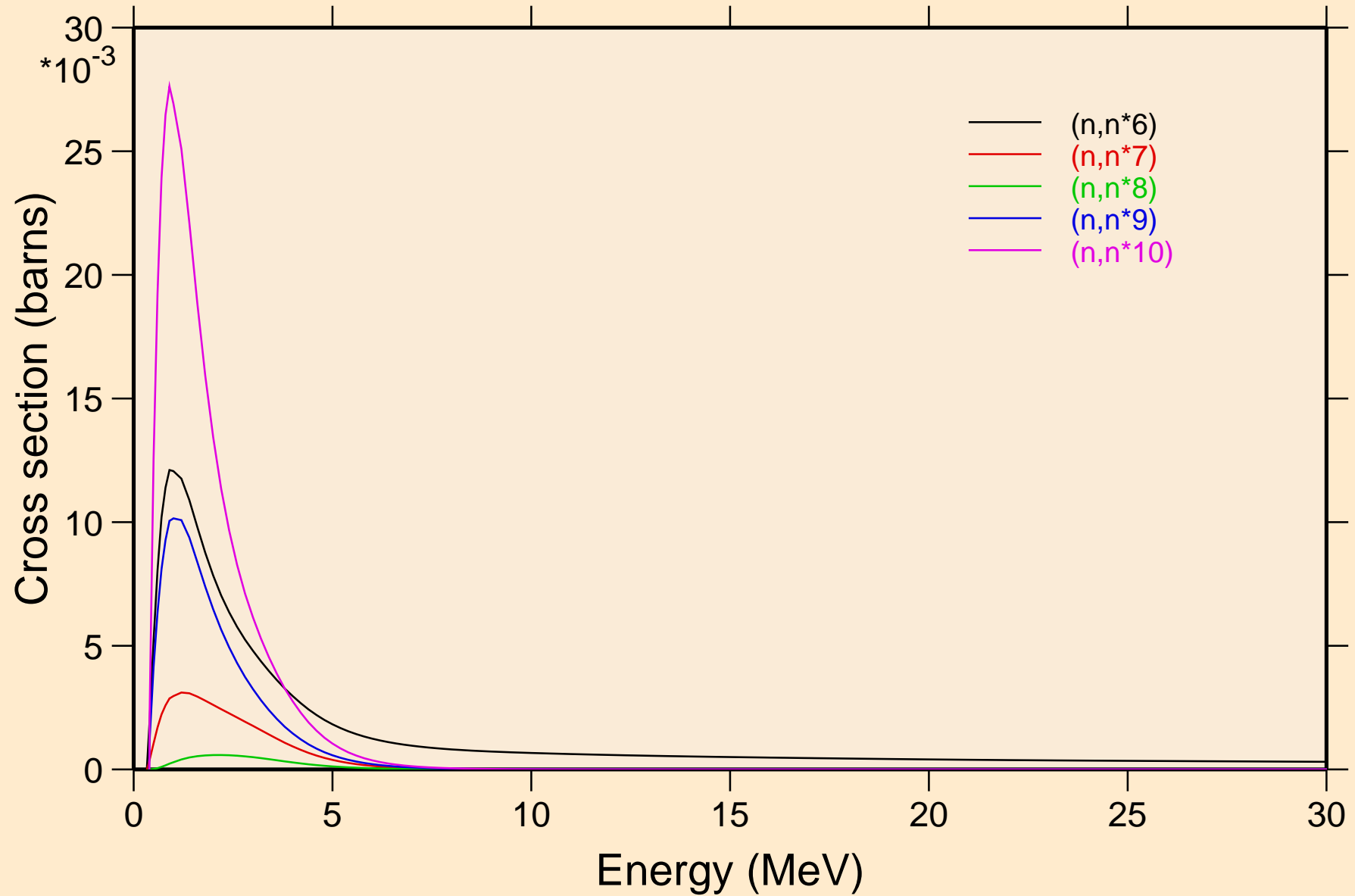




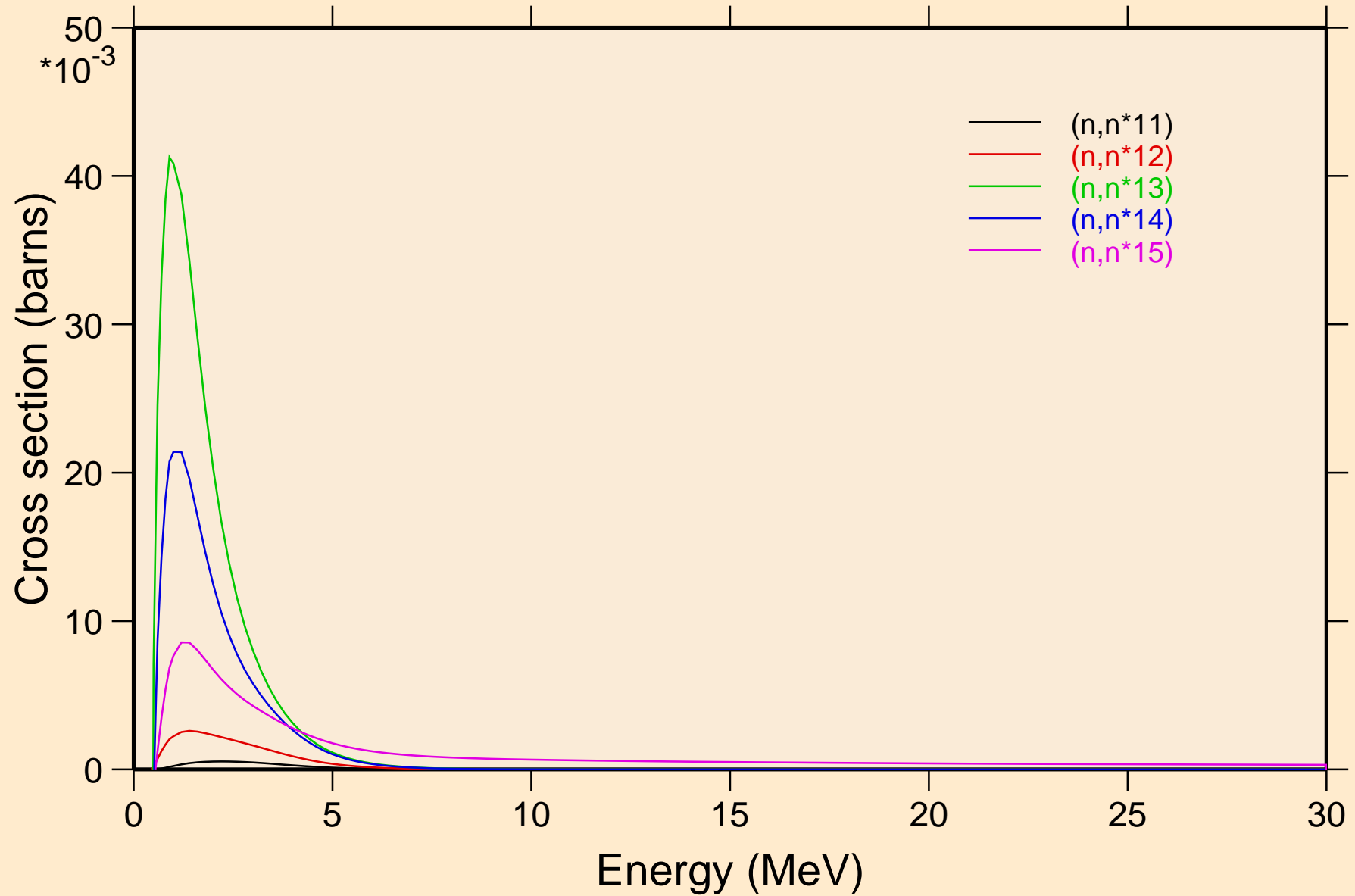
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



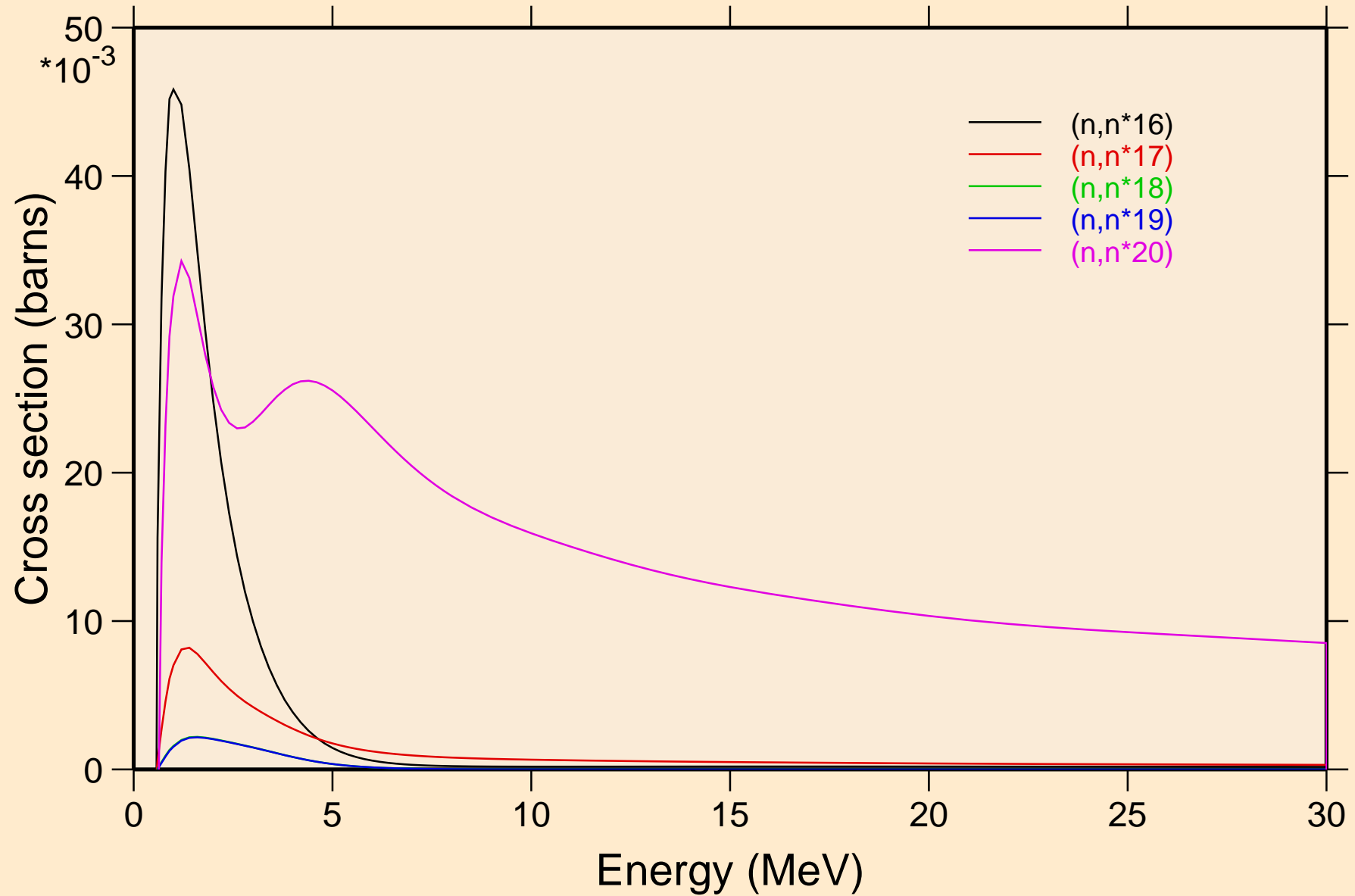
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



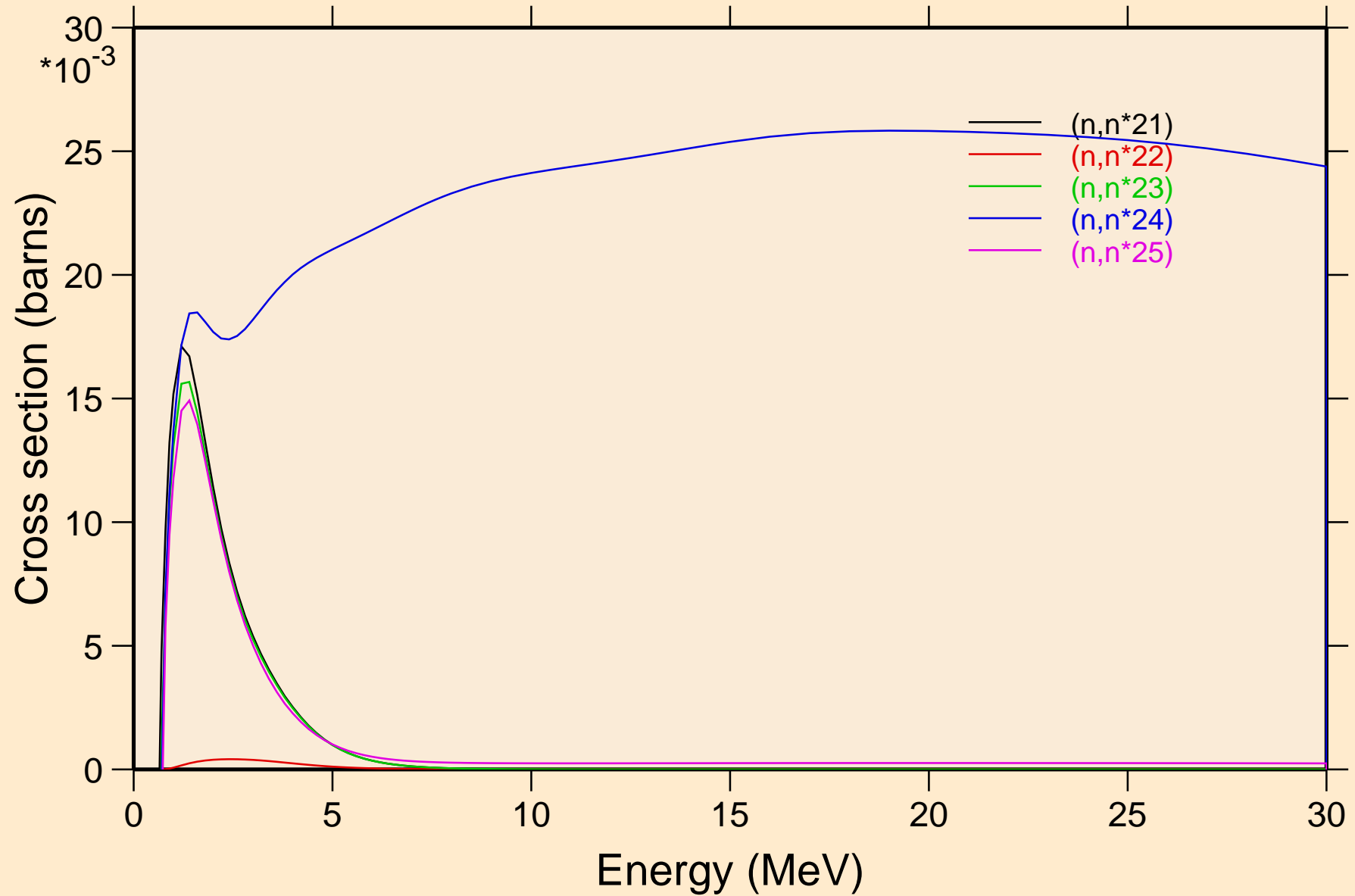
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



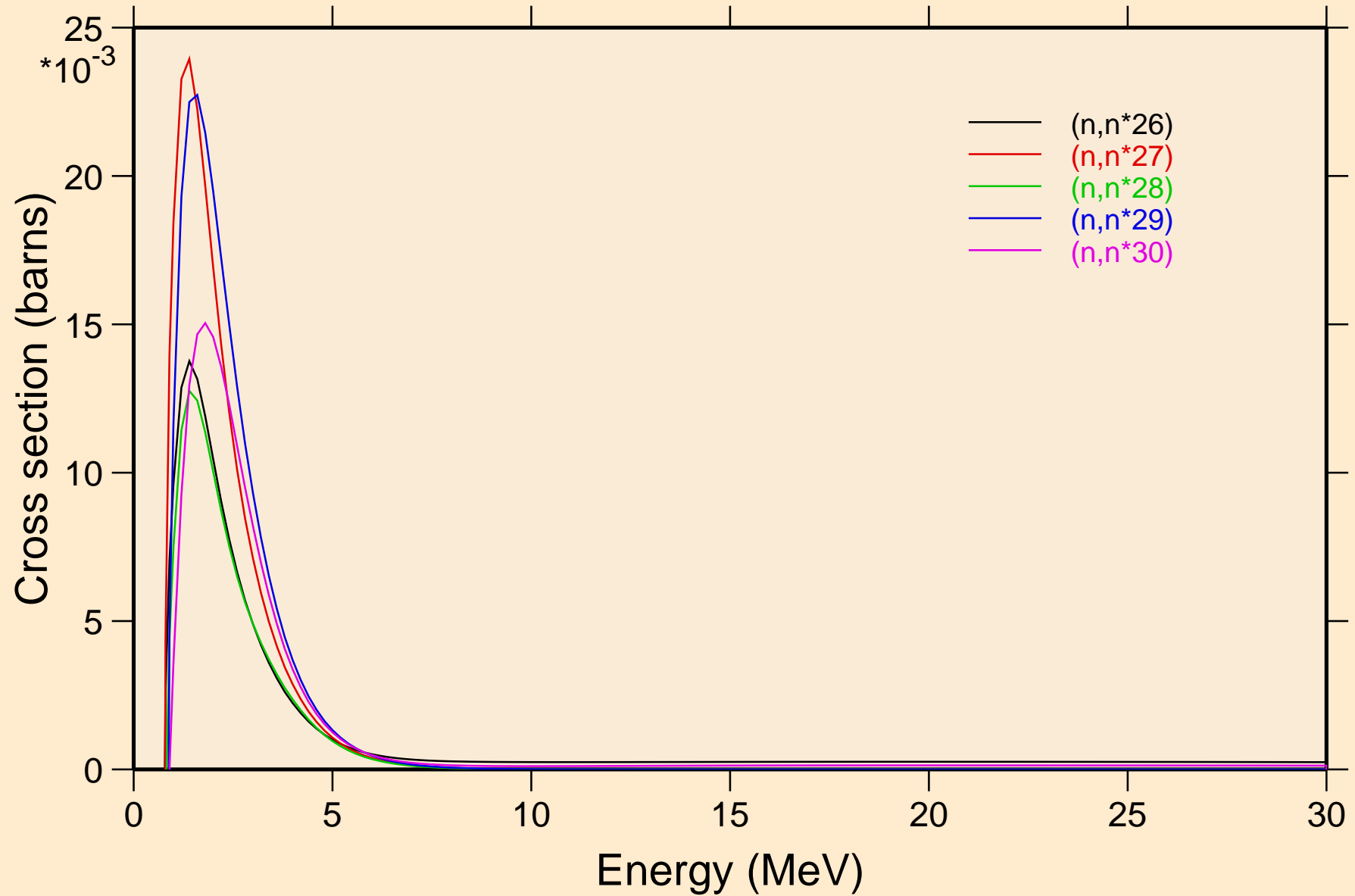
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



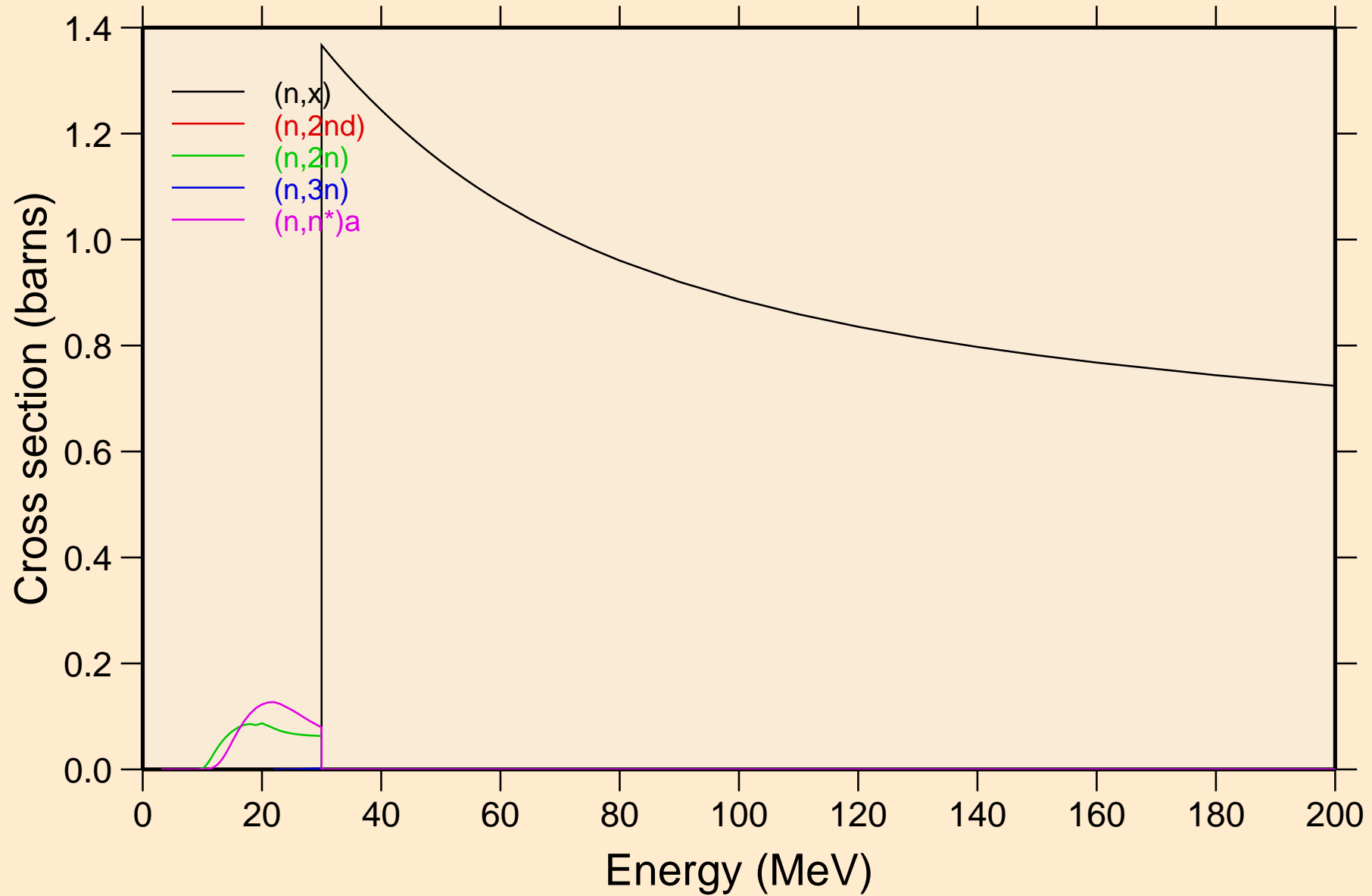
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



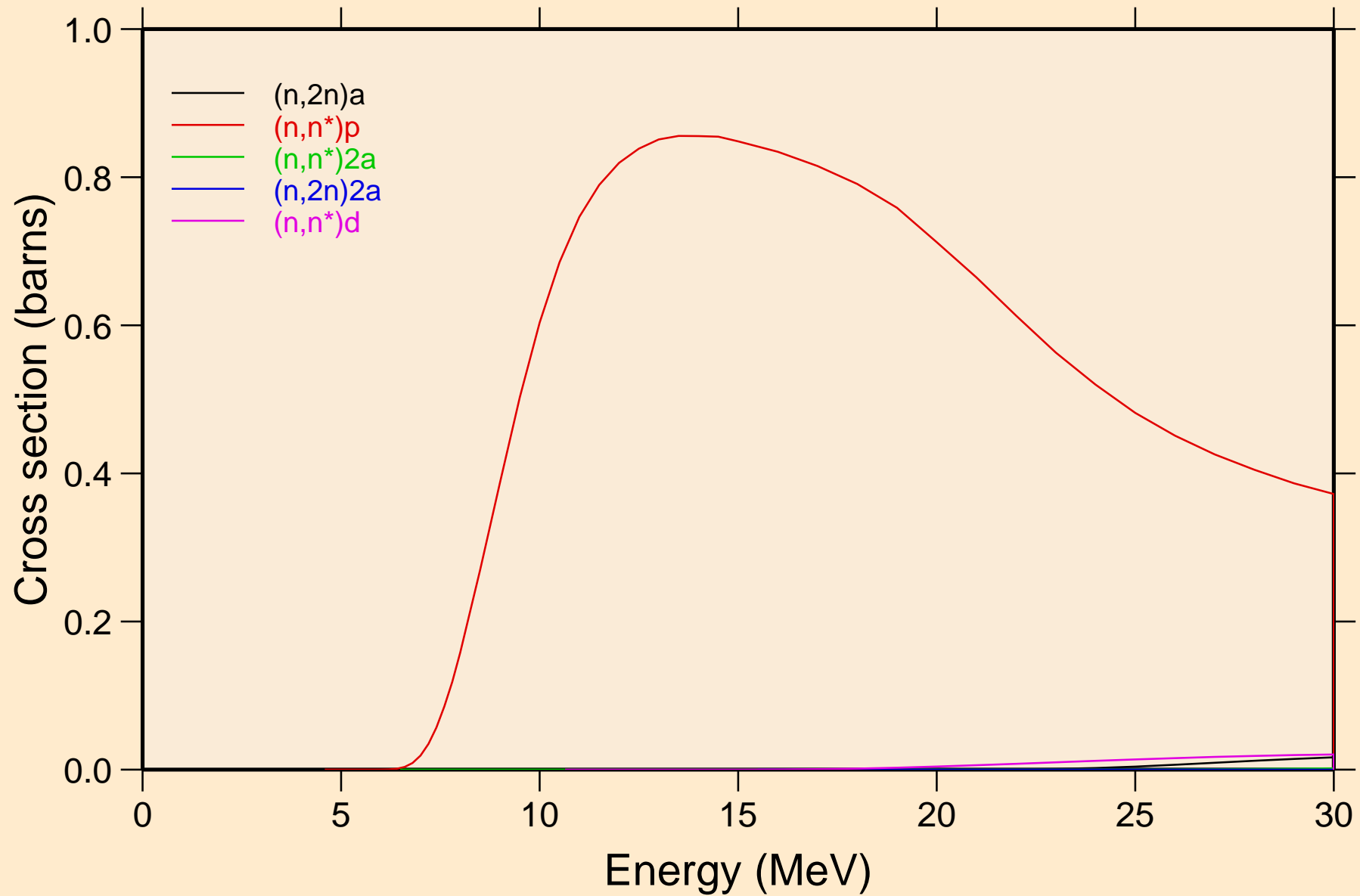
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



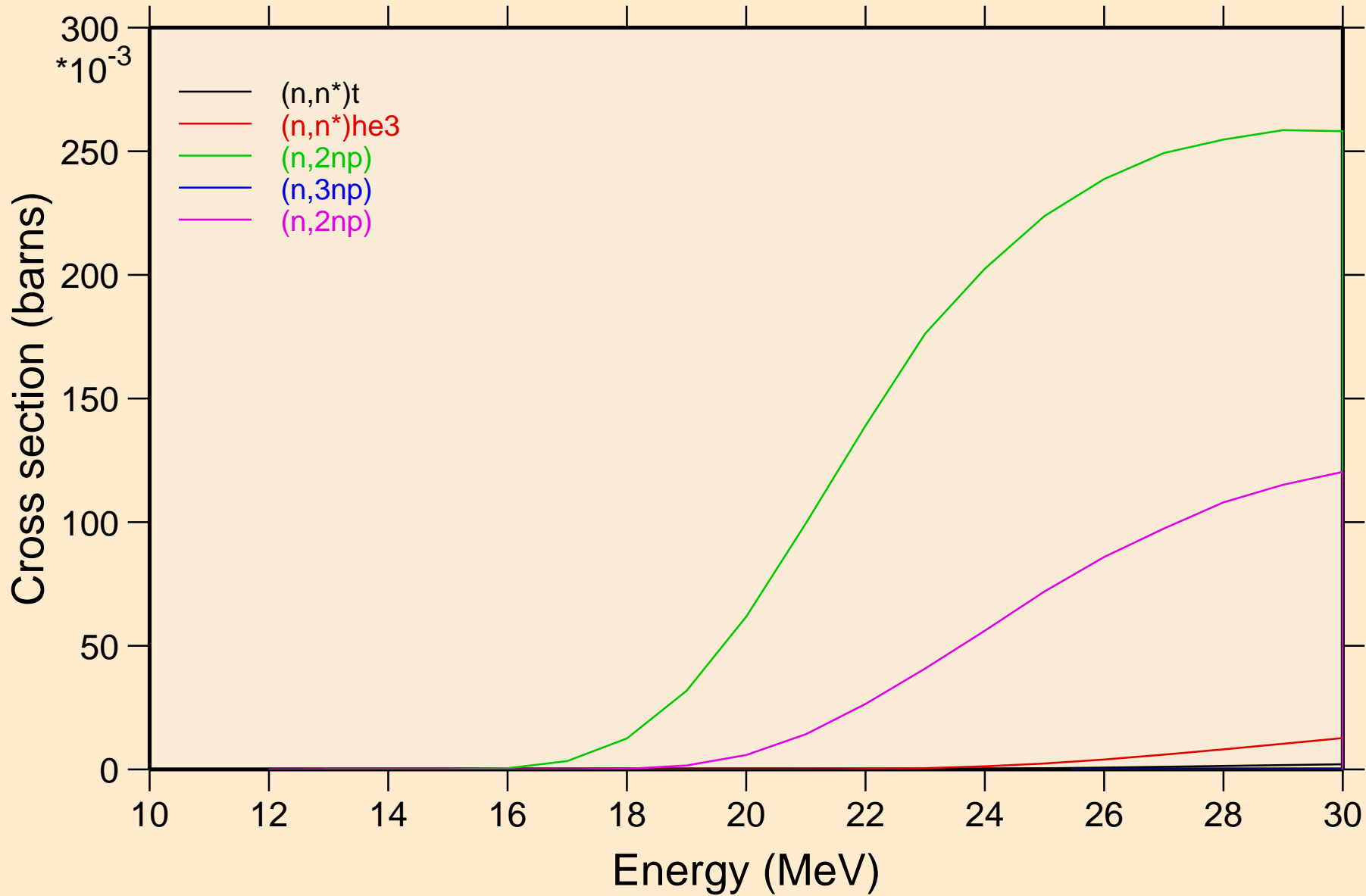
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions





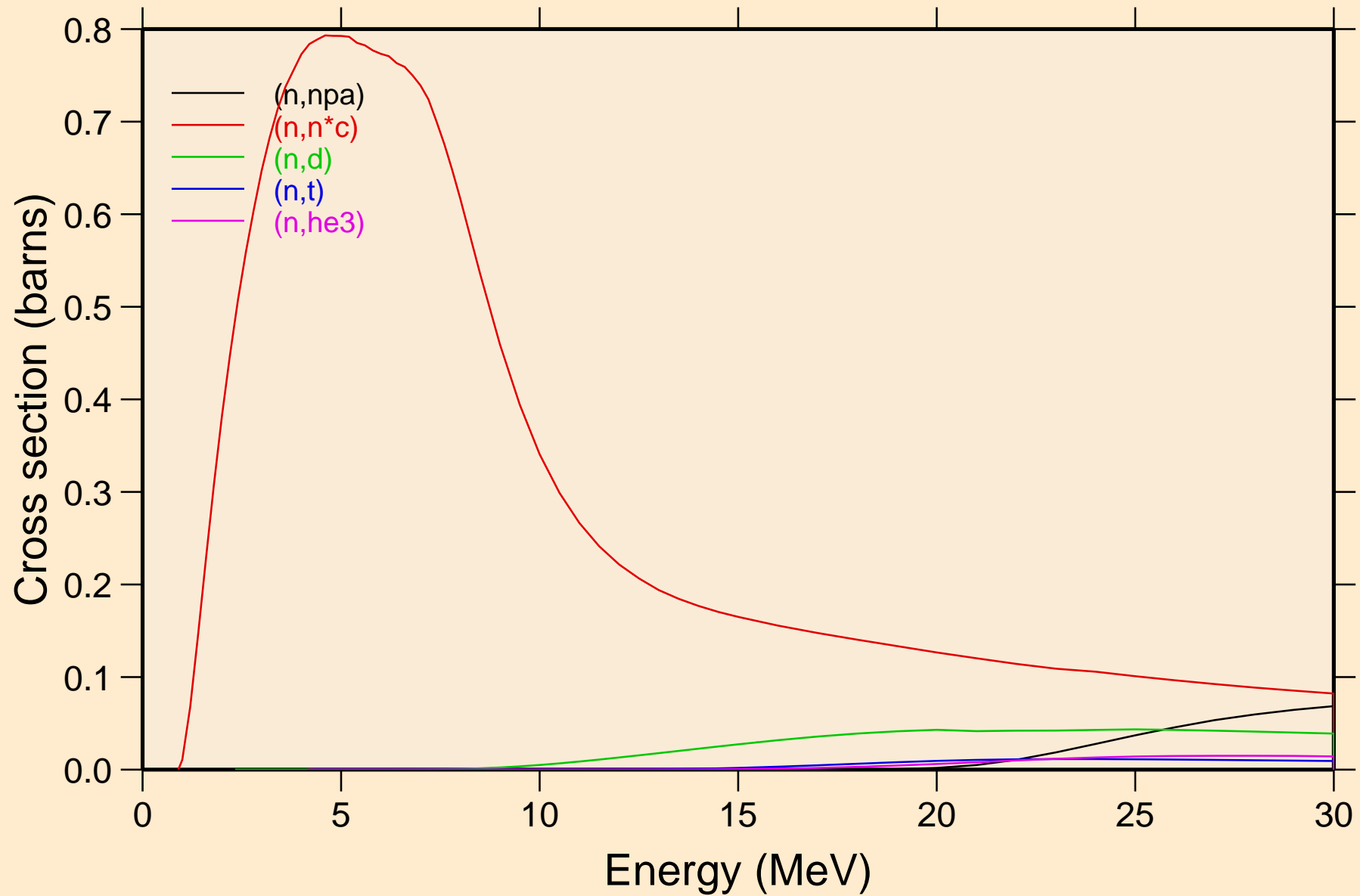
# AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

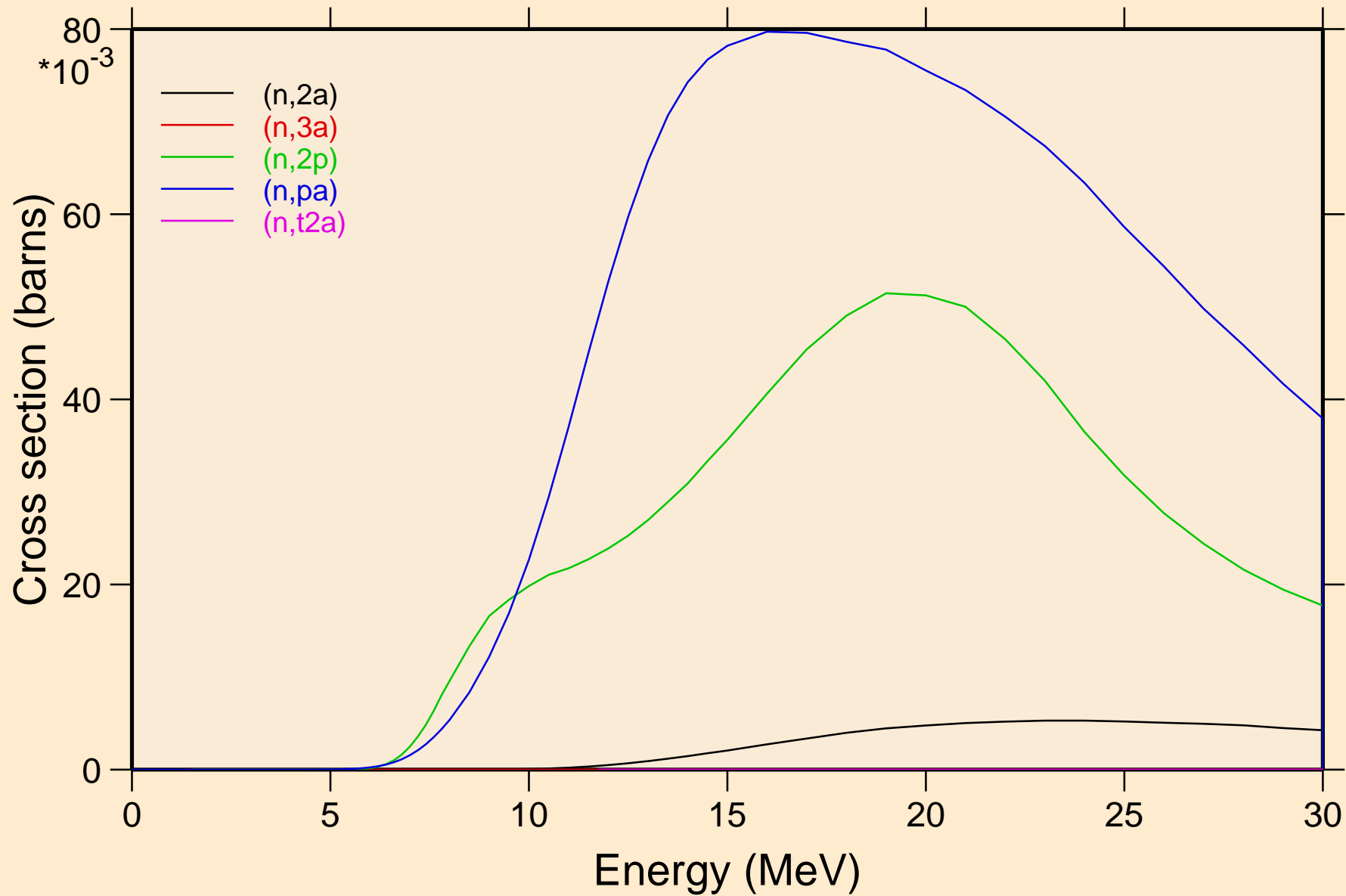


# AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

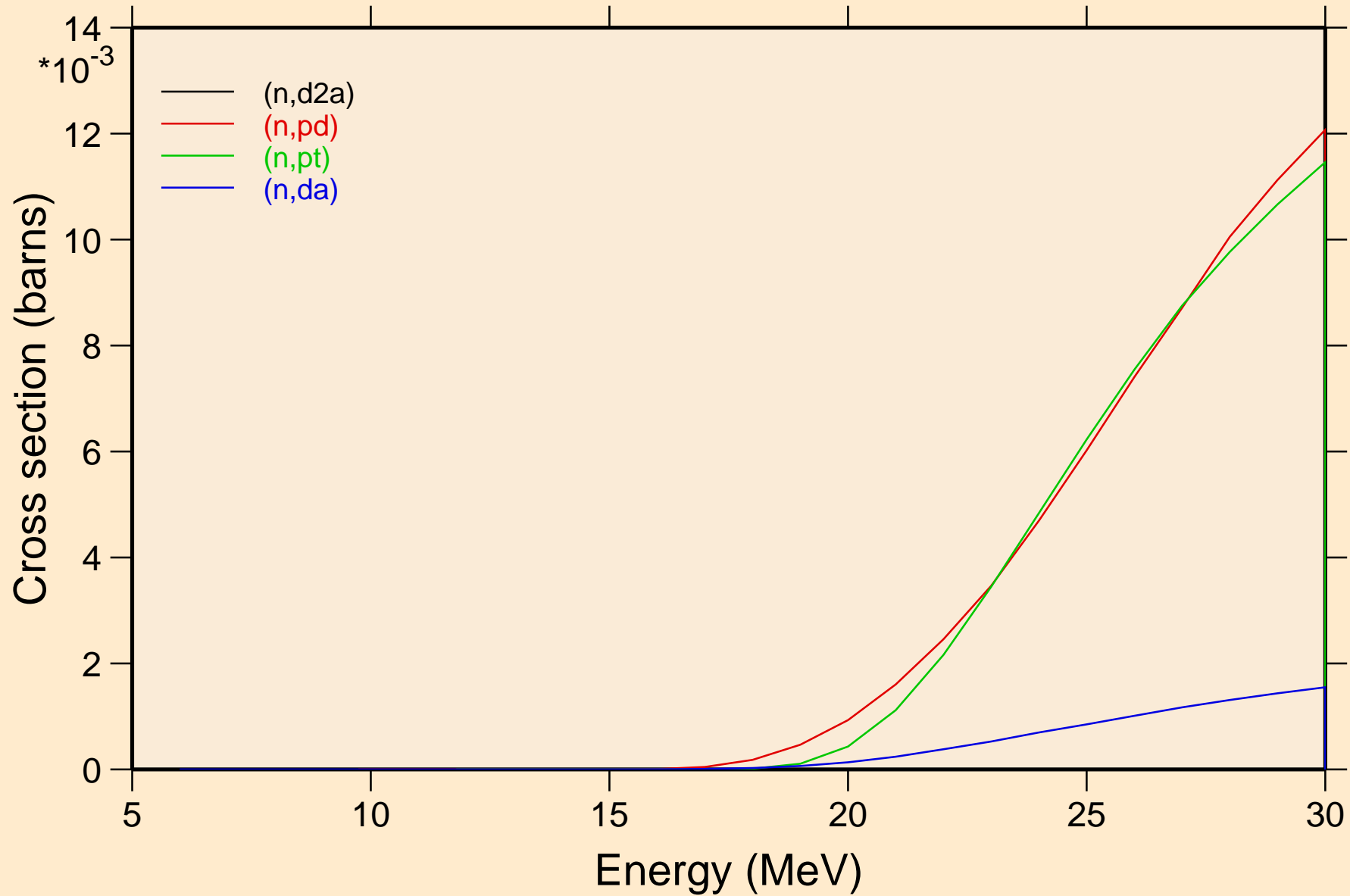
## Threshold reactions



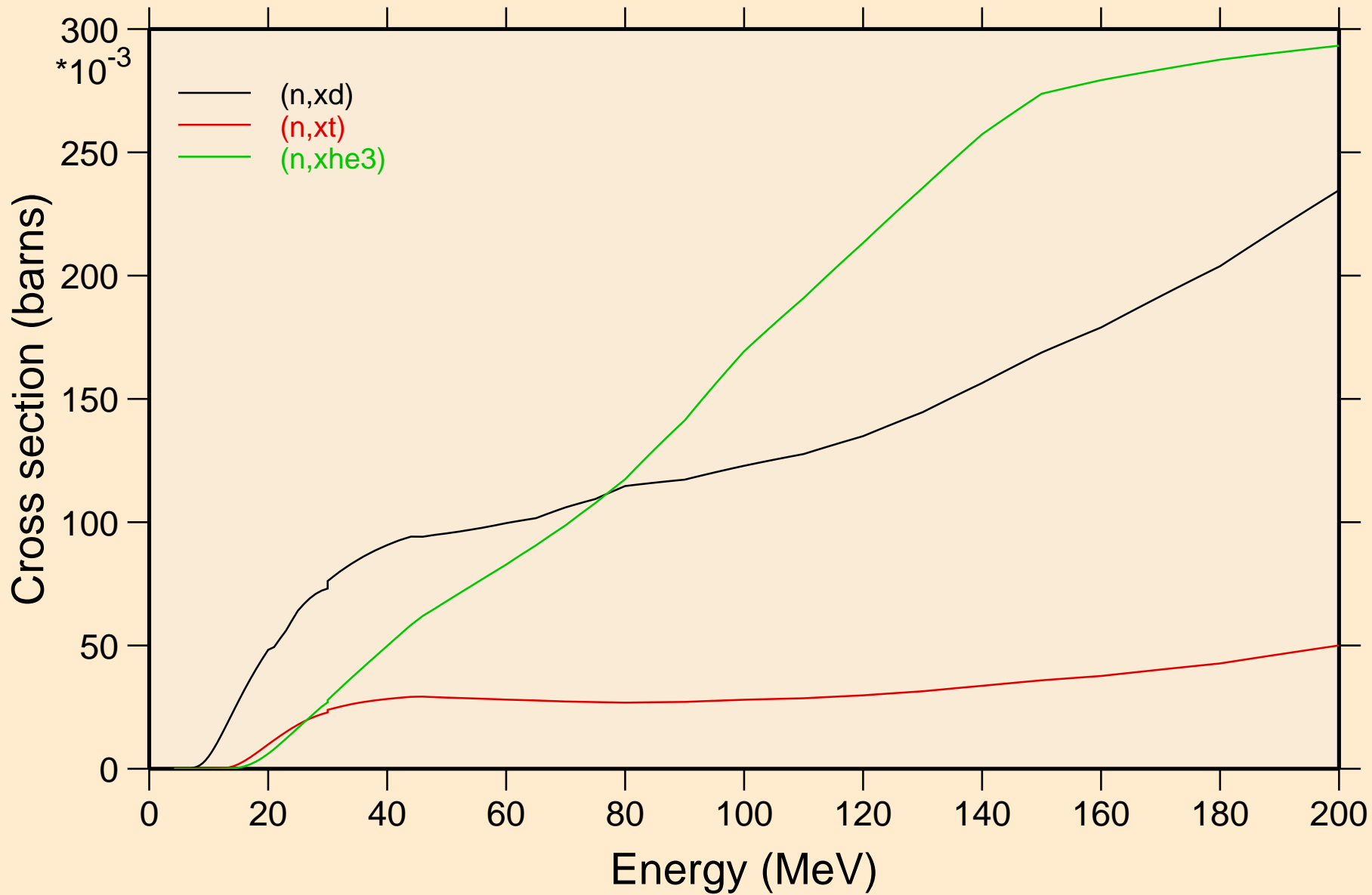
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



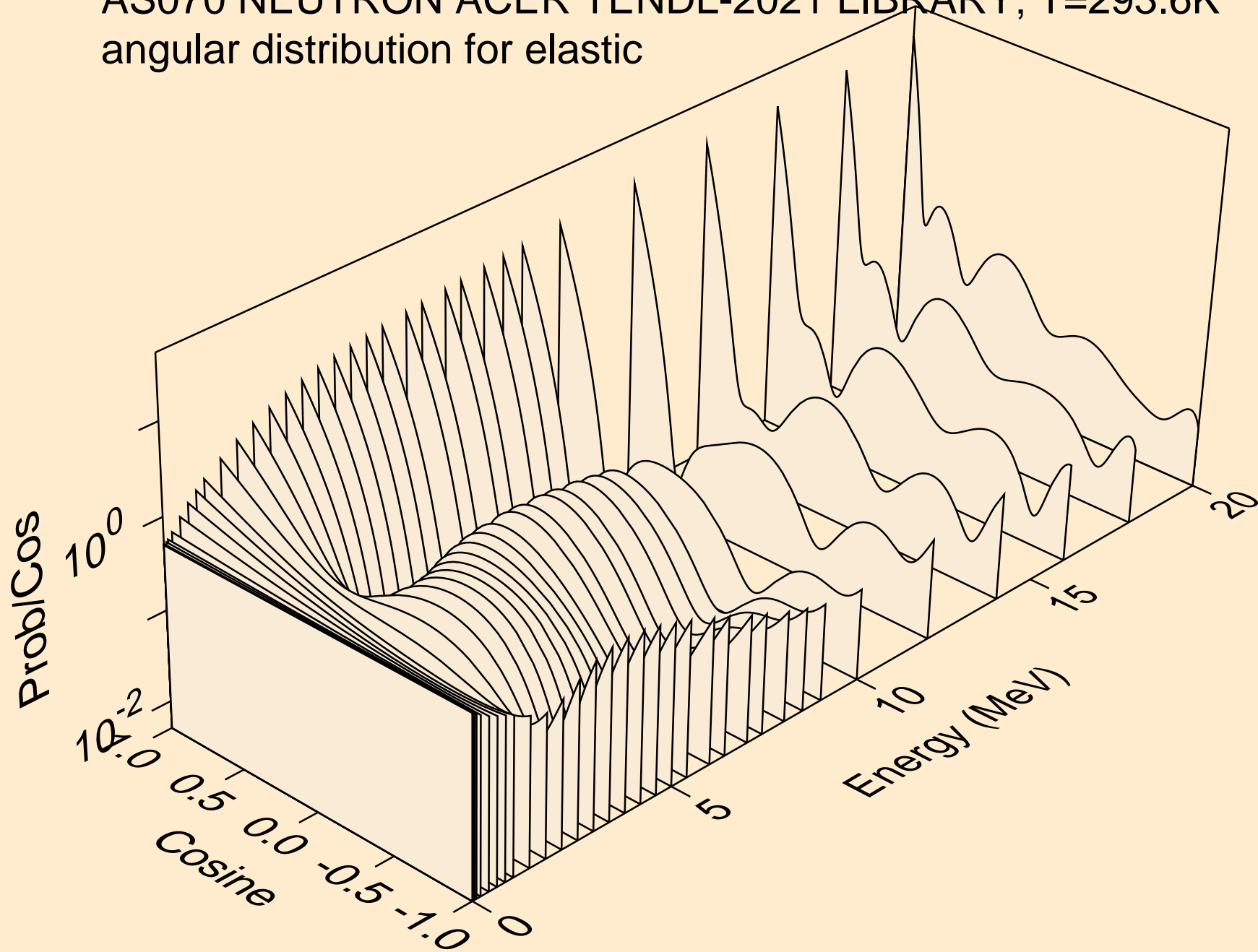
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



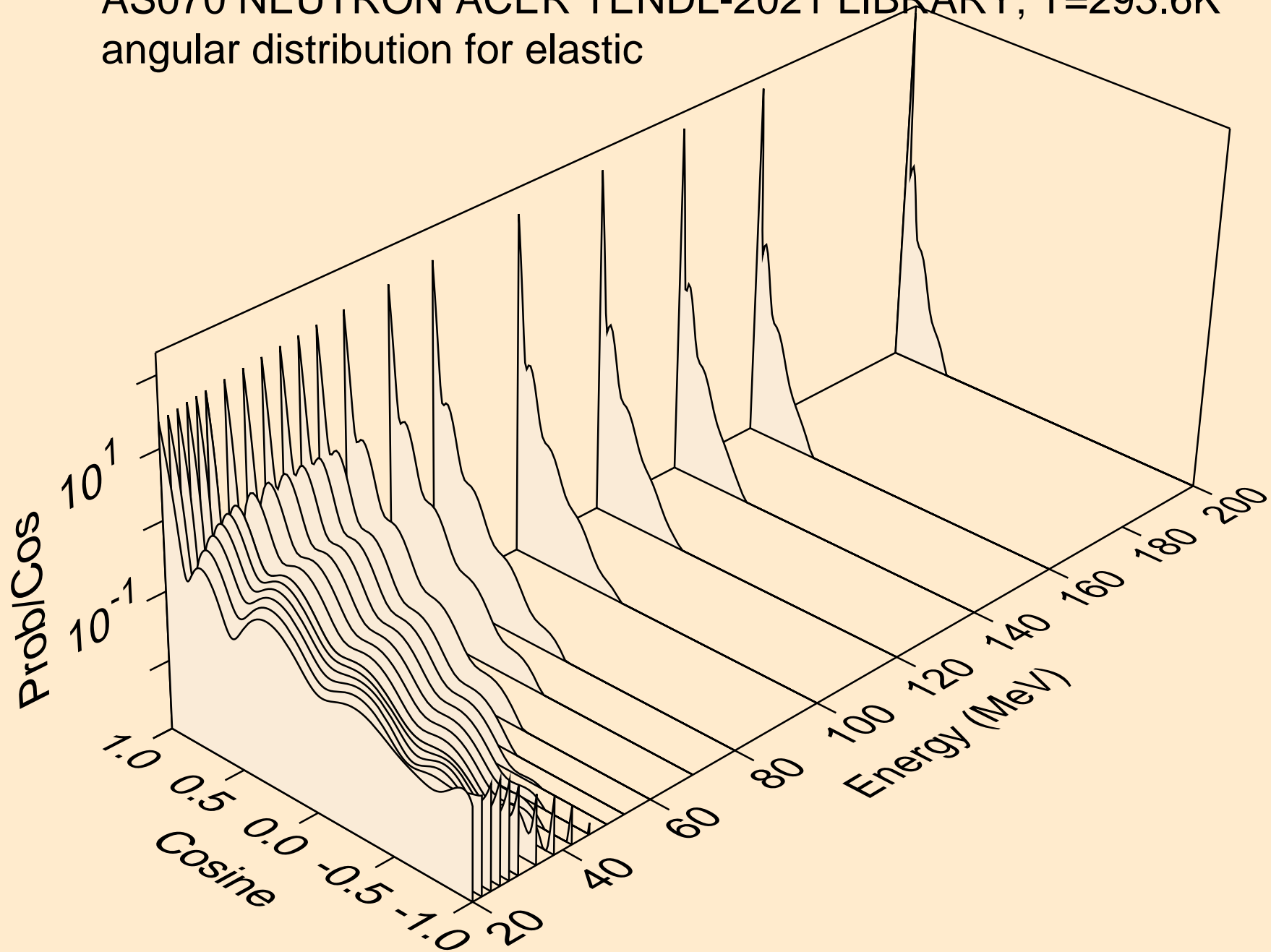
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



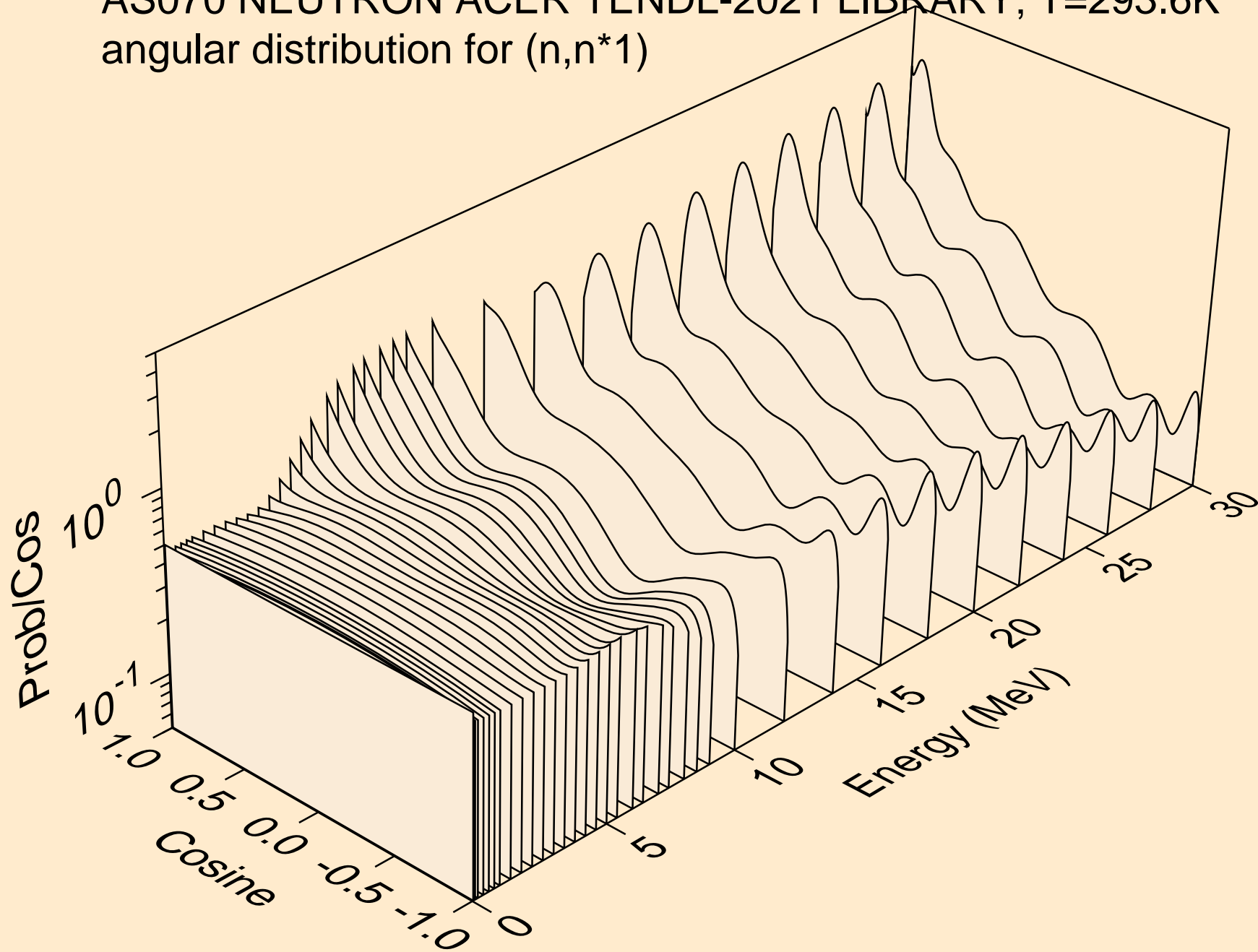
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

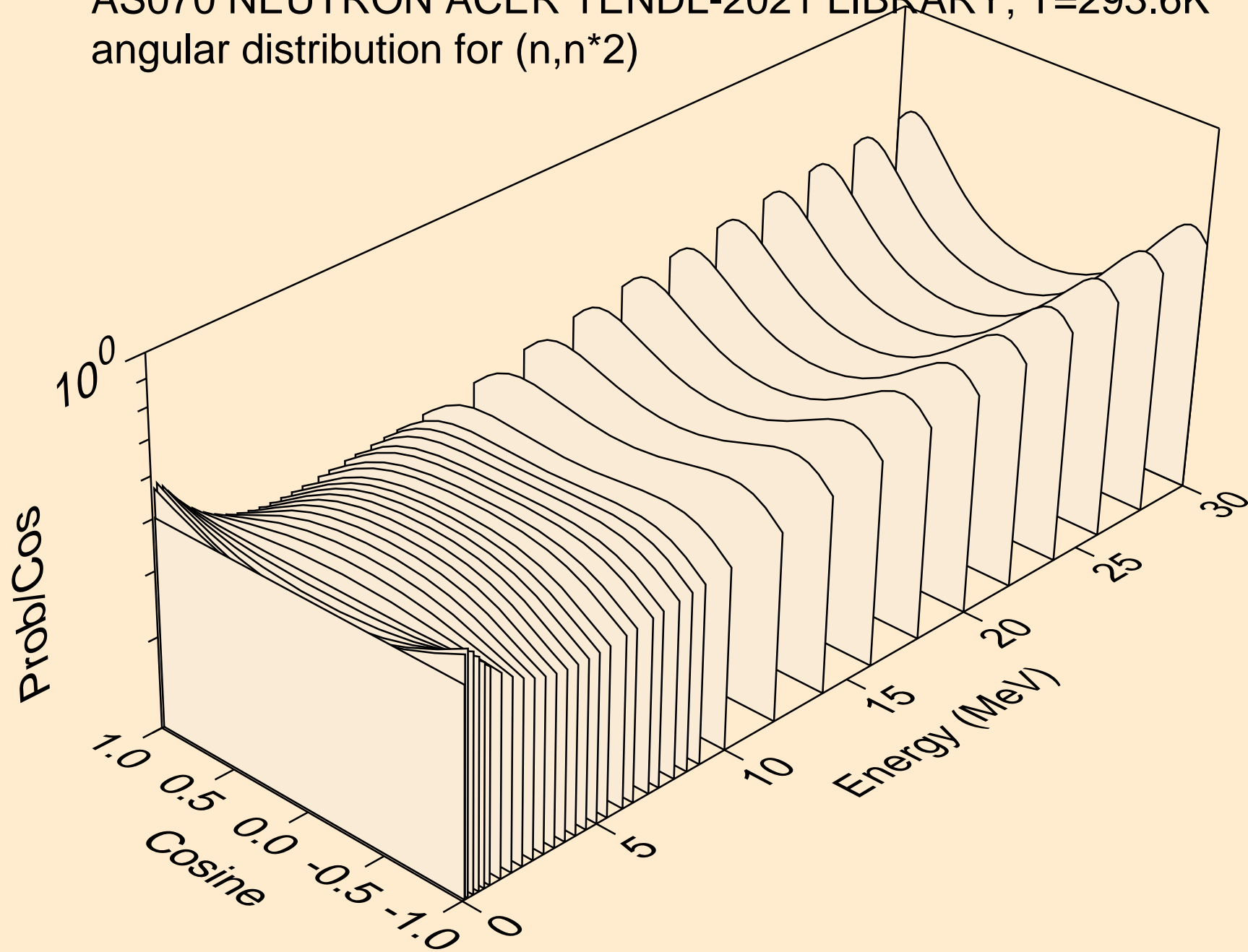


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

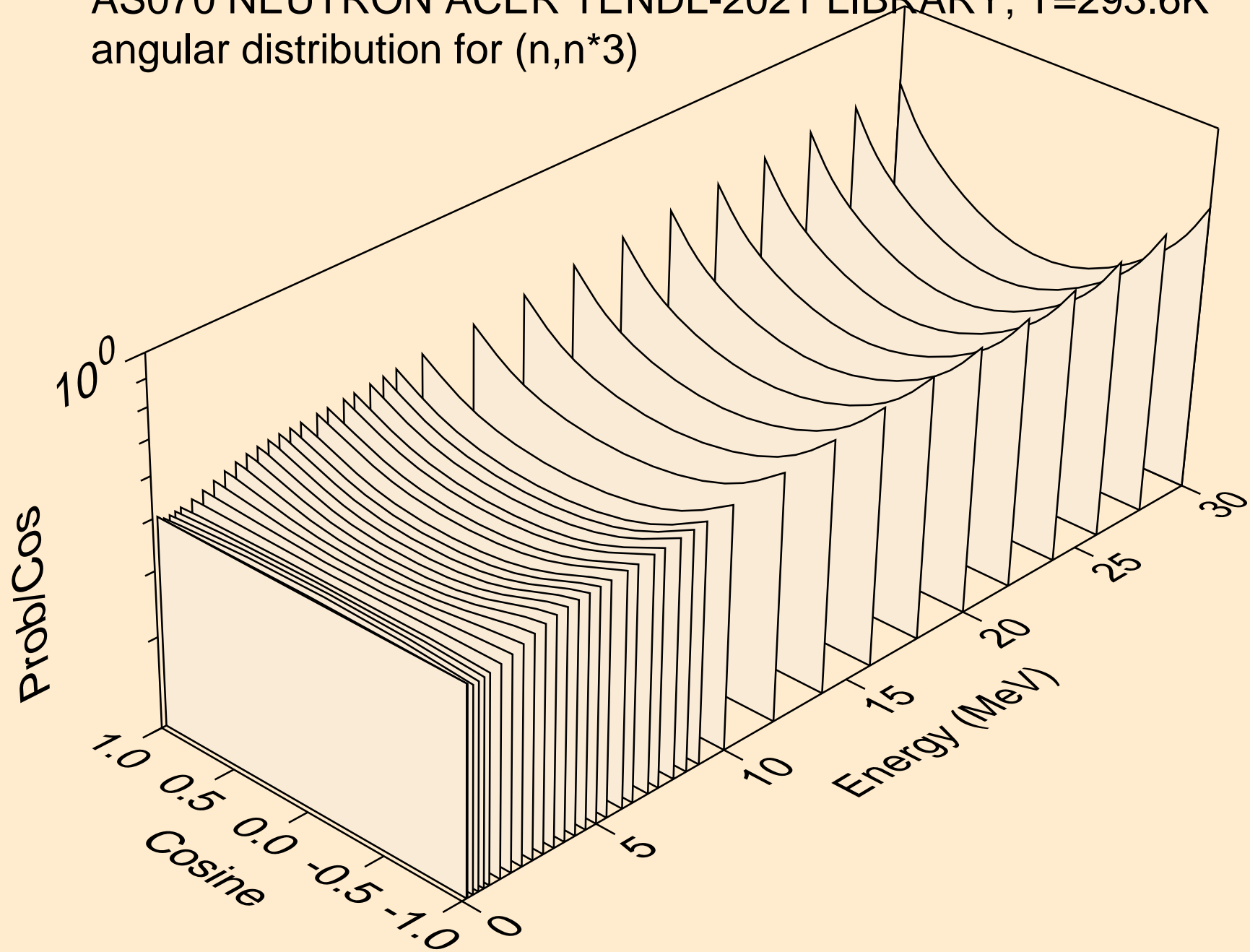




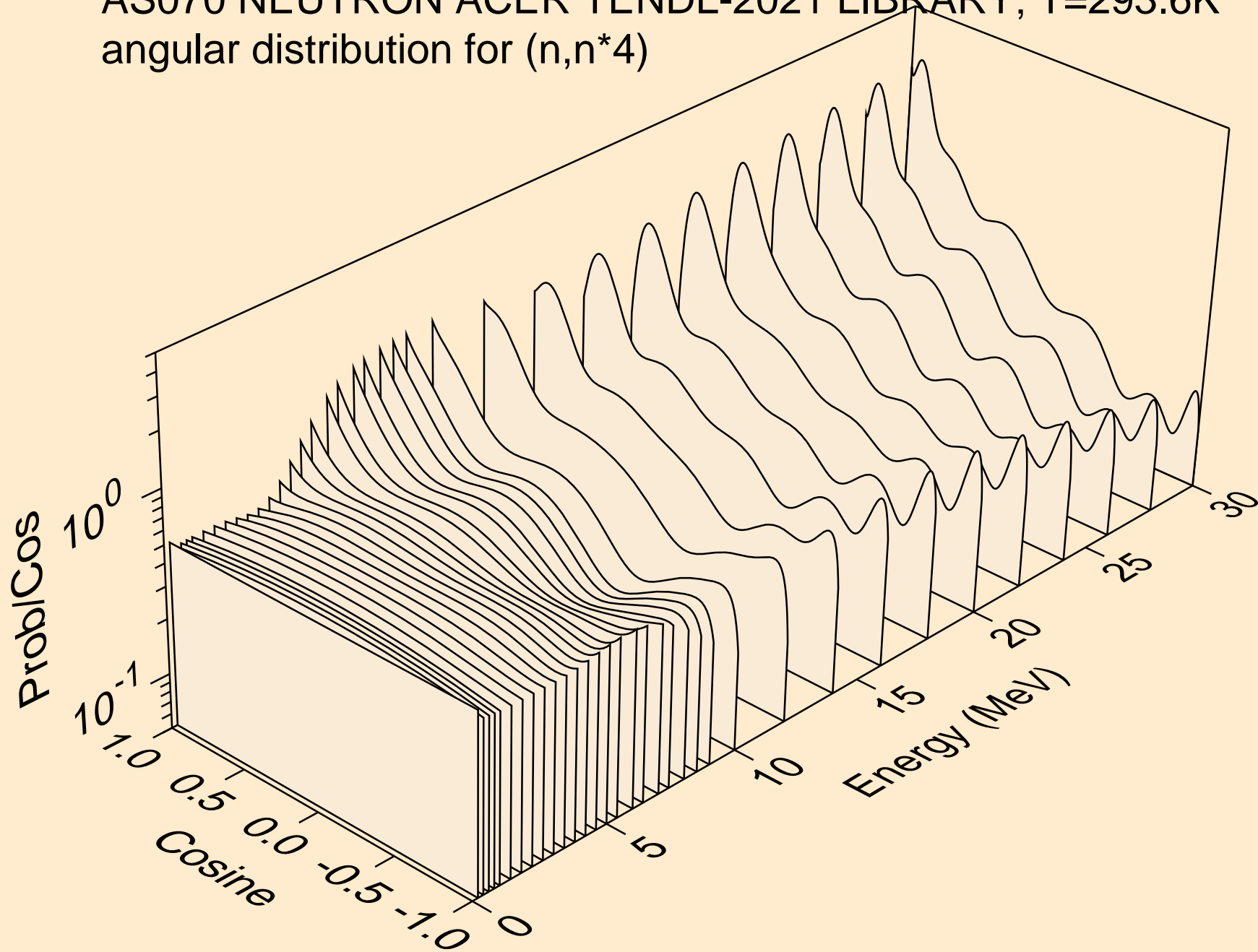
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



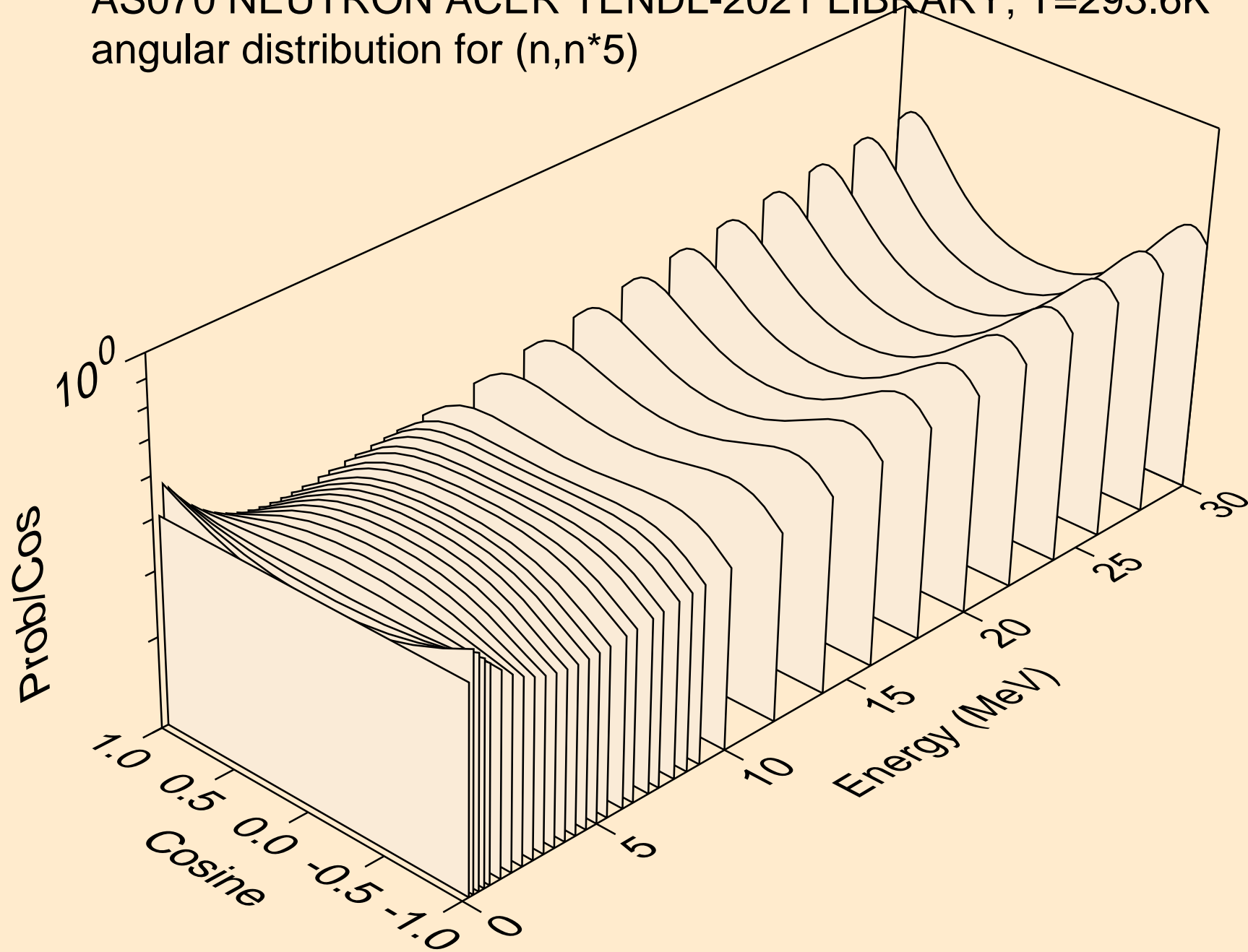
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



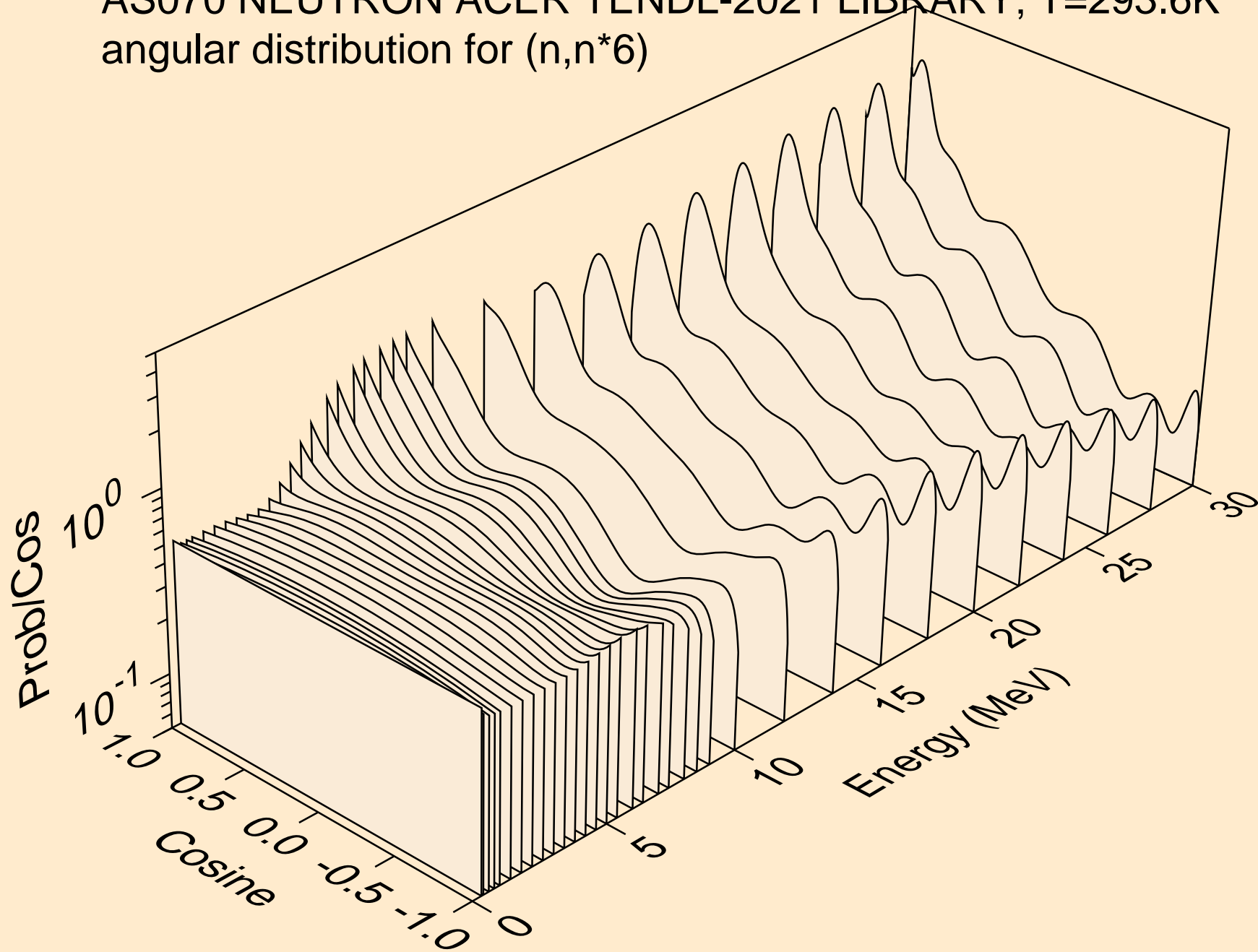
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



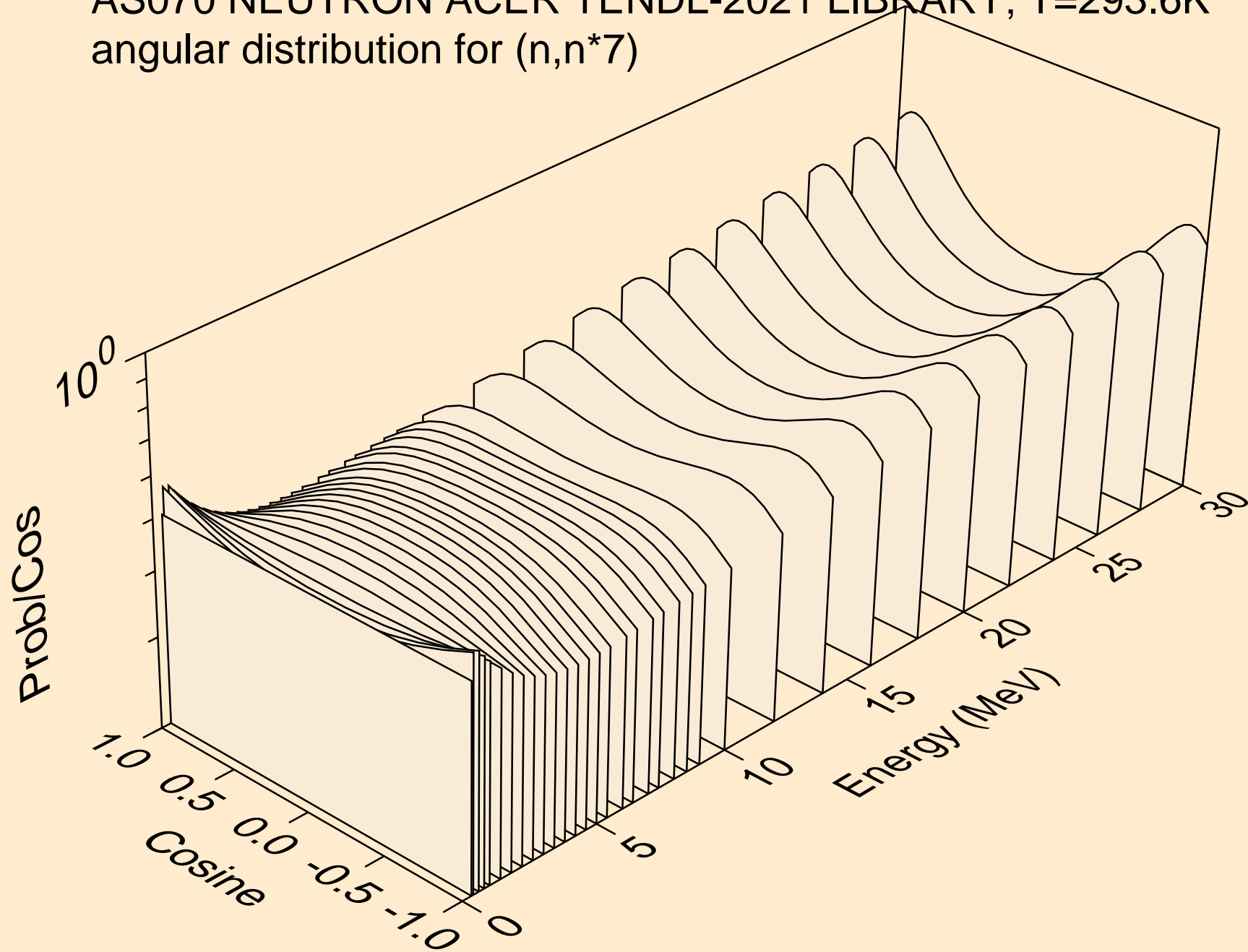
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



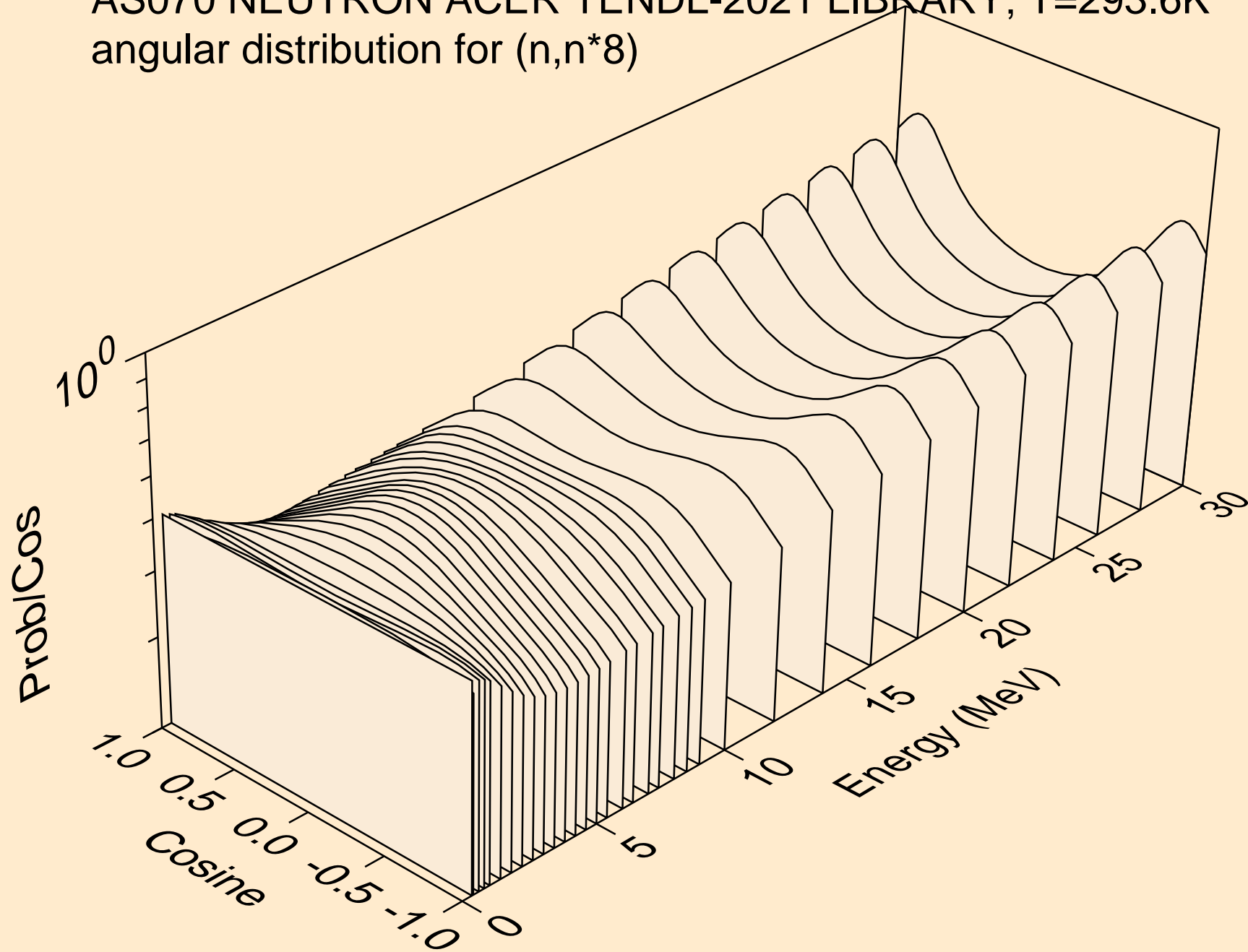
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angular distribution for (n,n\*6)



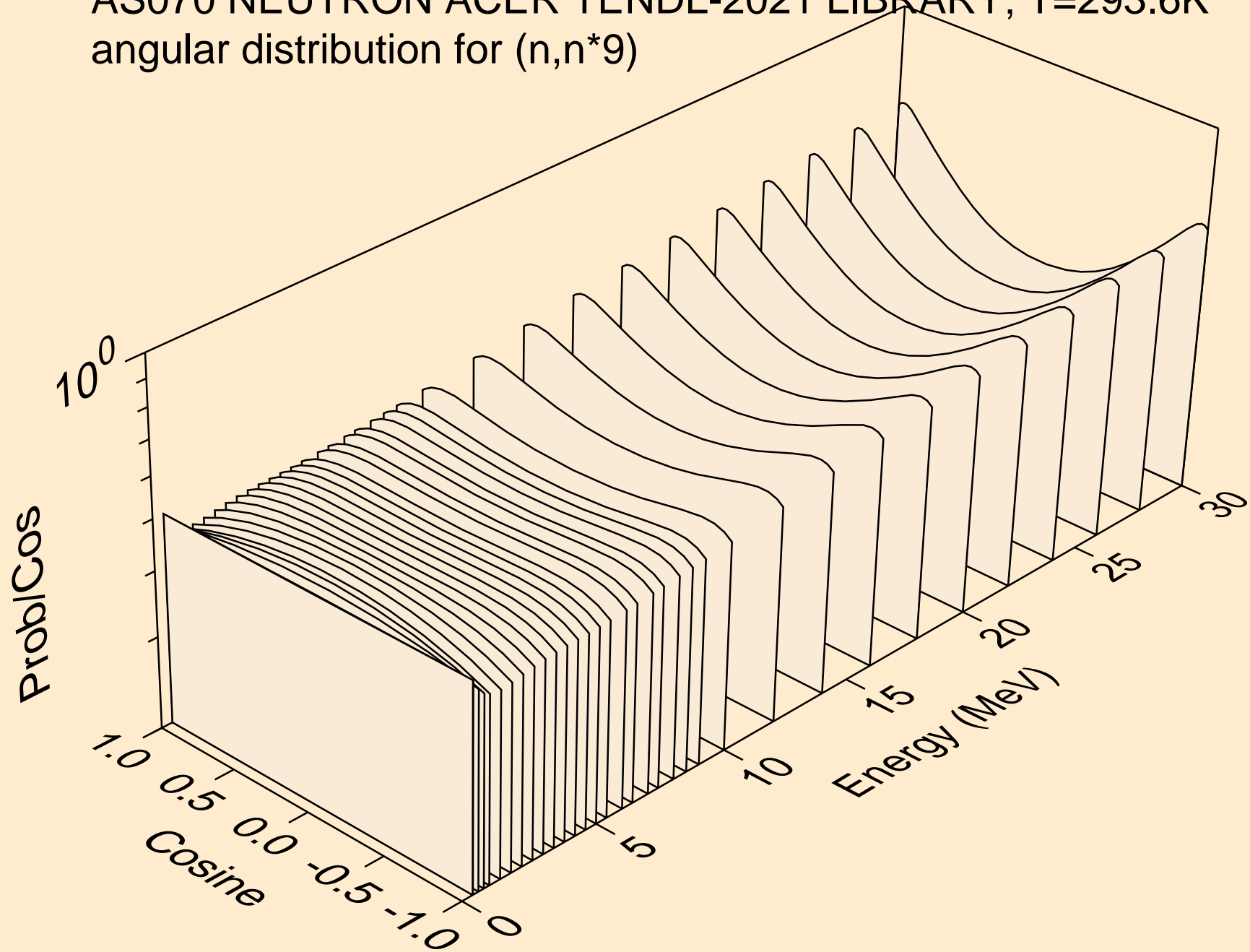
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

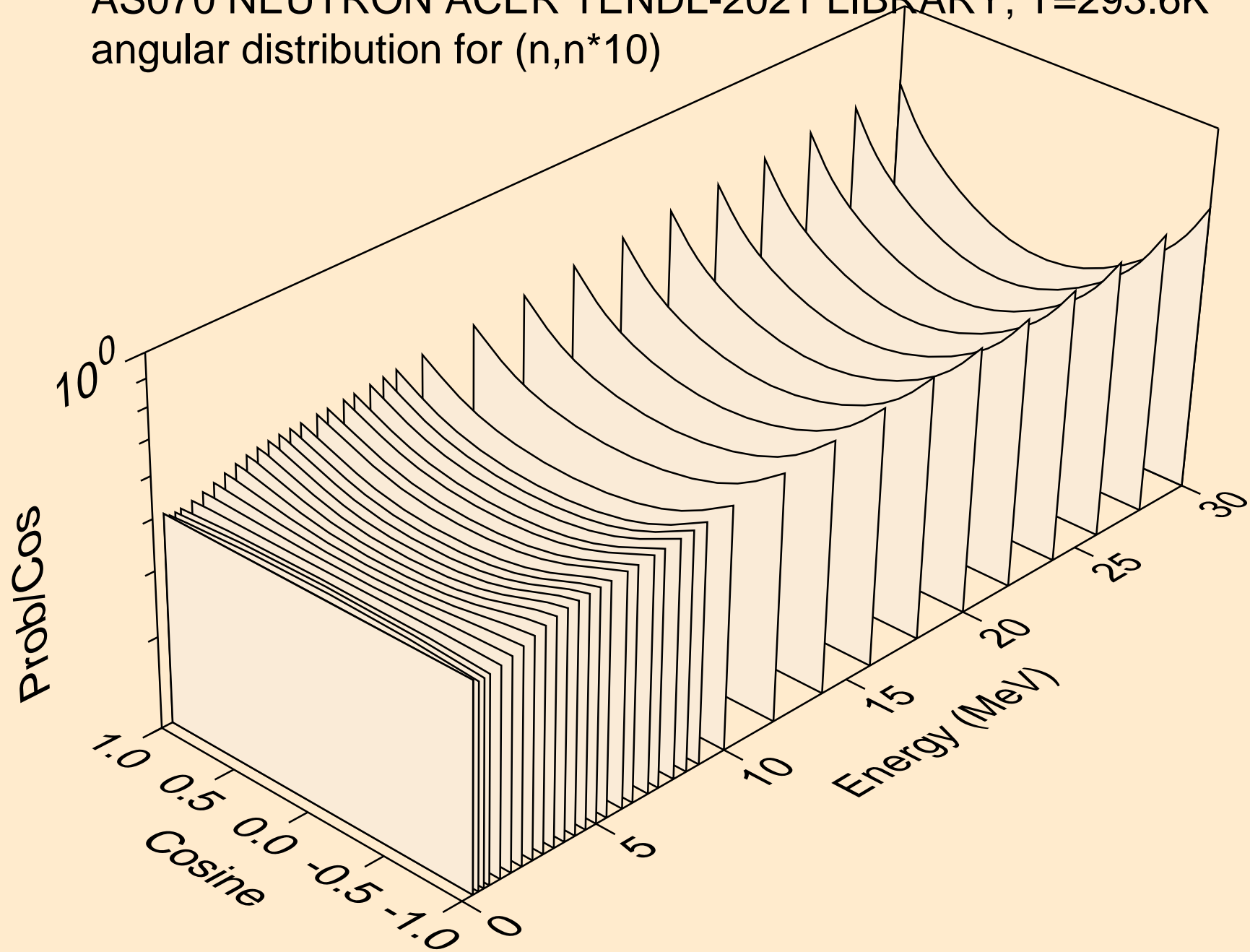


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

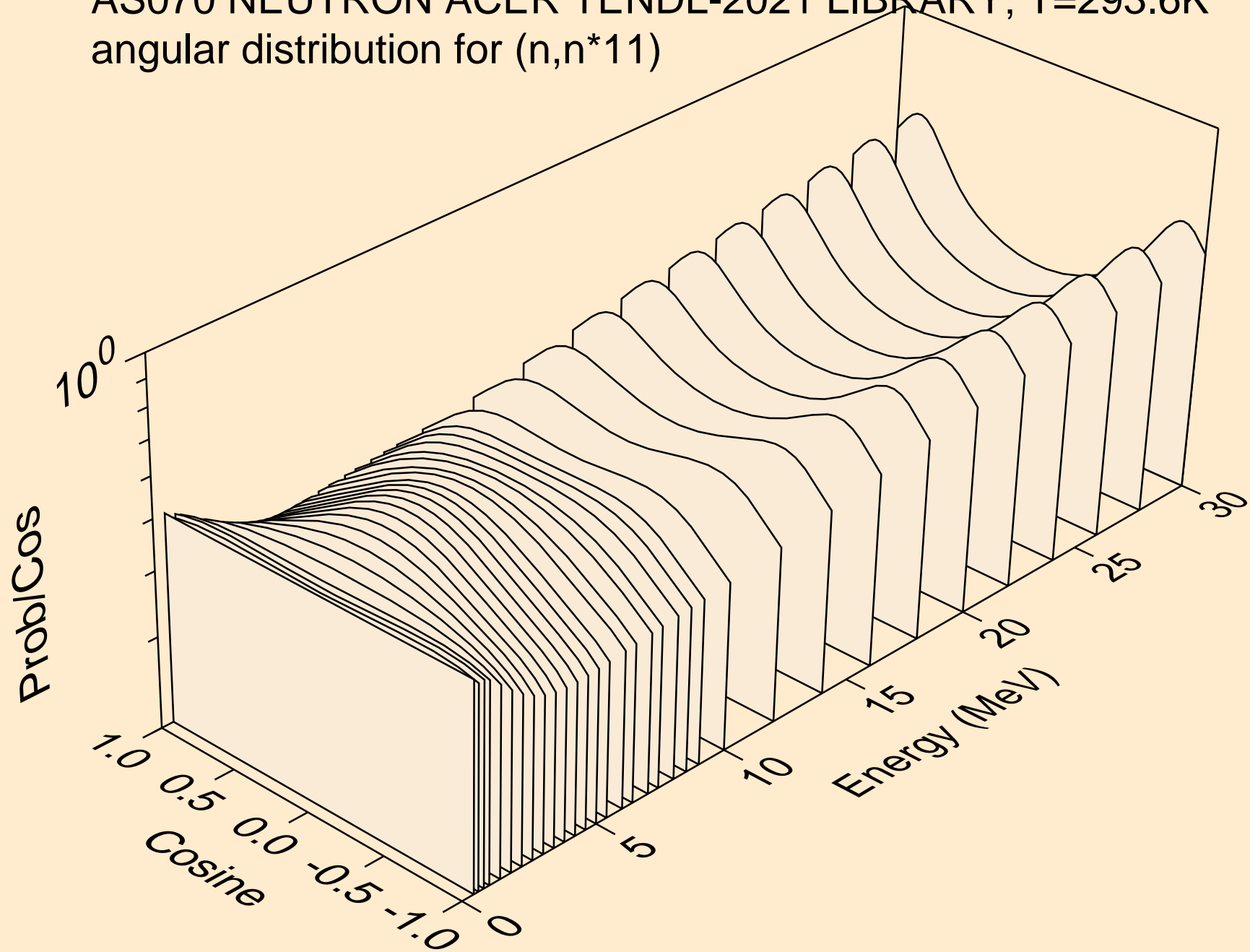




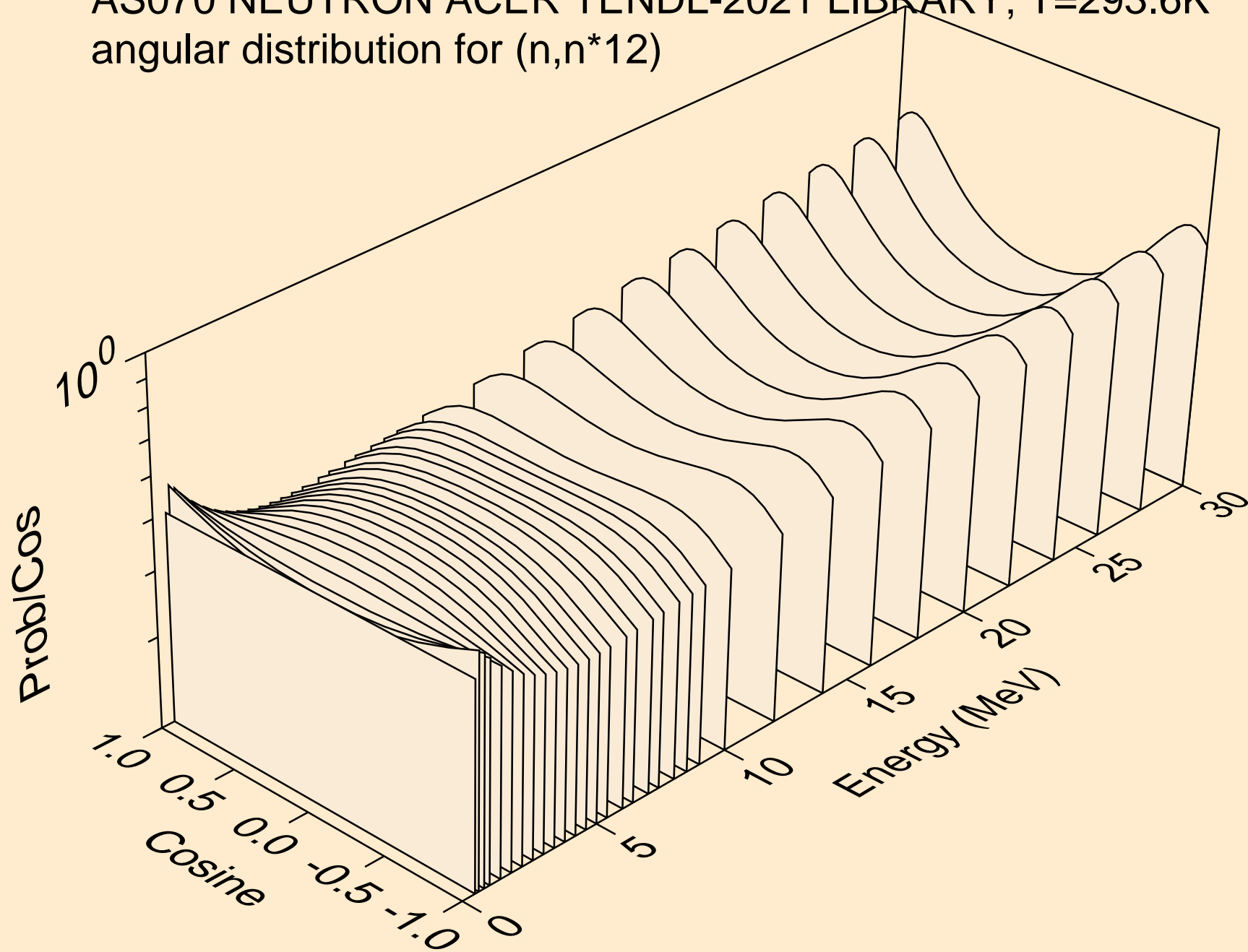
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angular distribution for (n,n\*10)



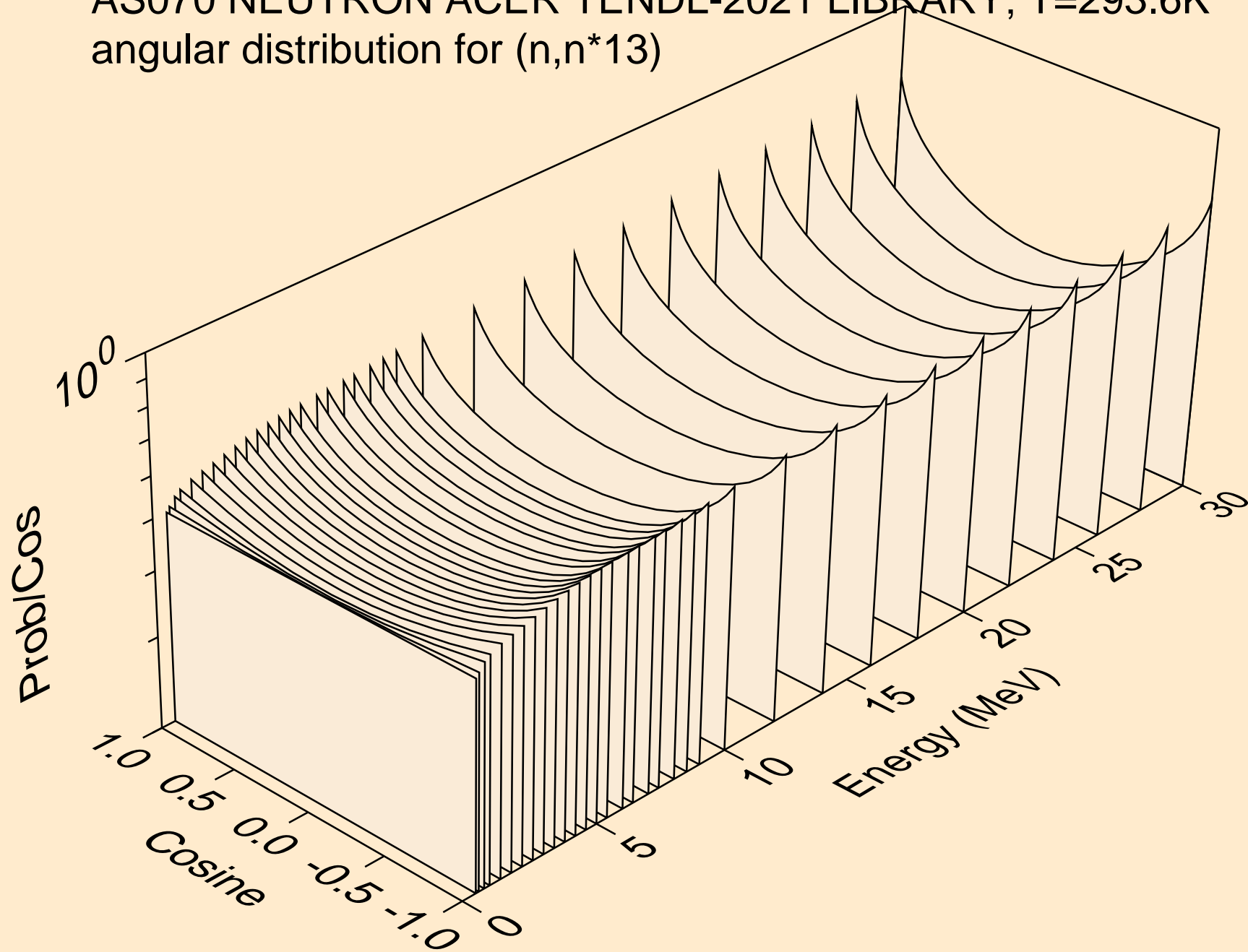
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angular distribution for (n,n\*11)



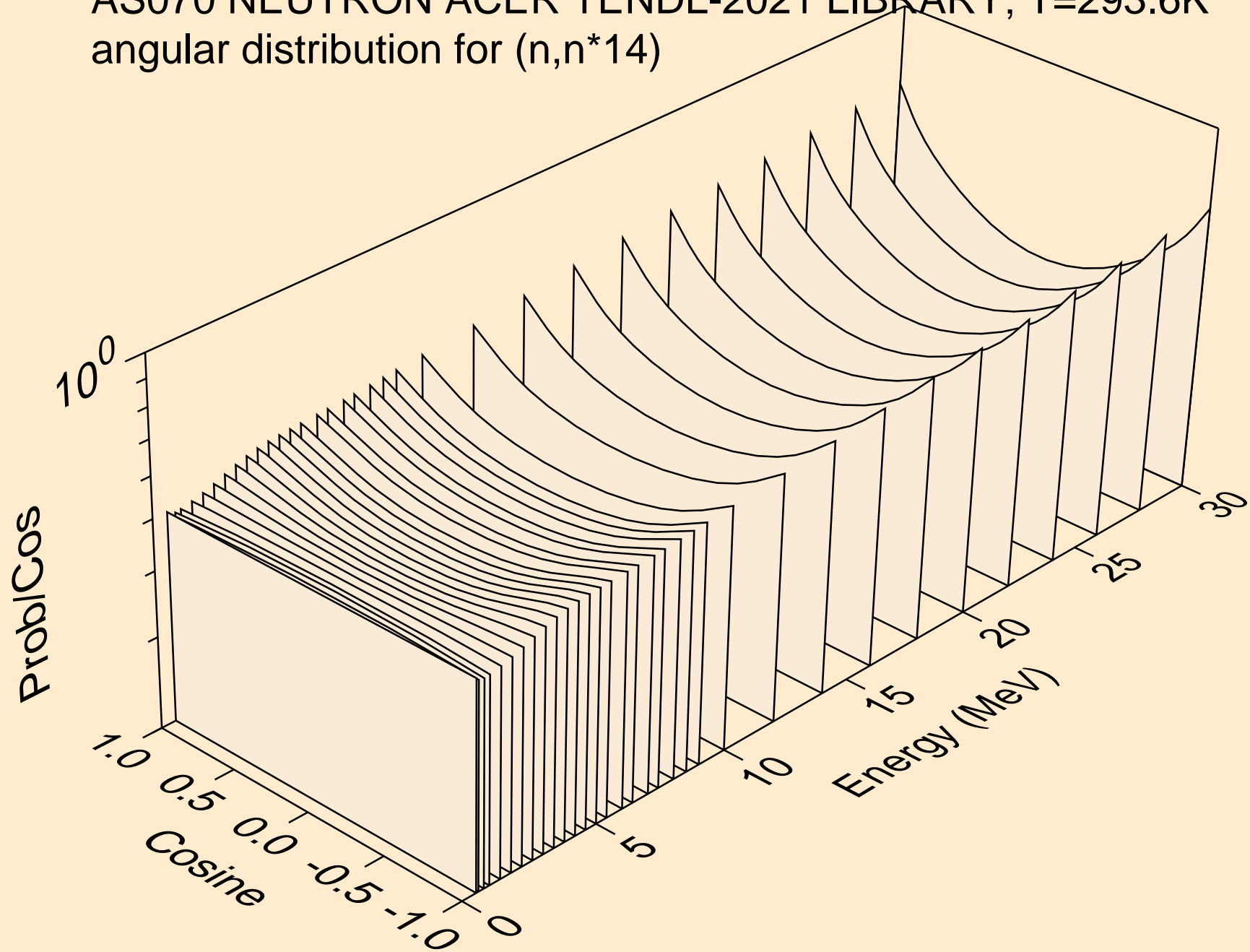
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



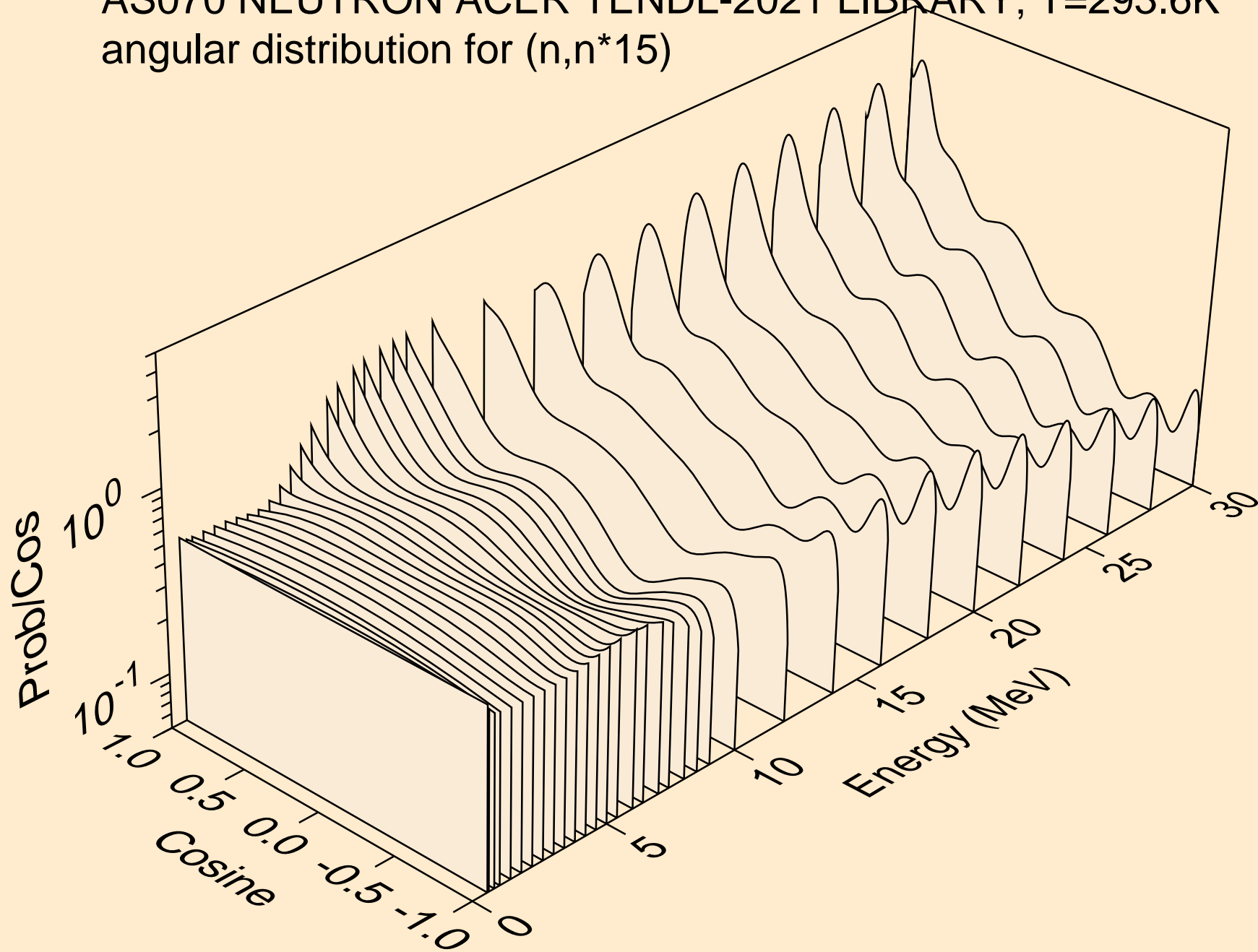
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



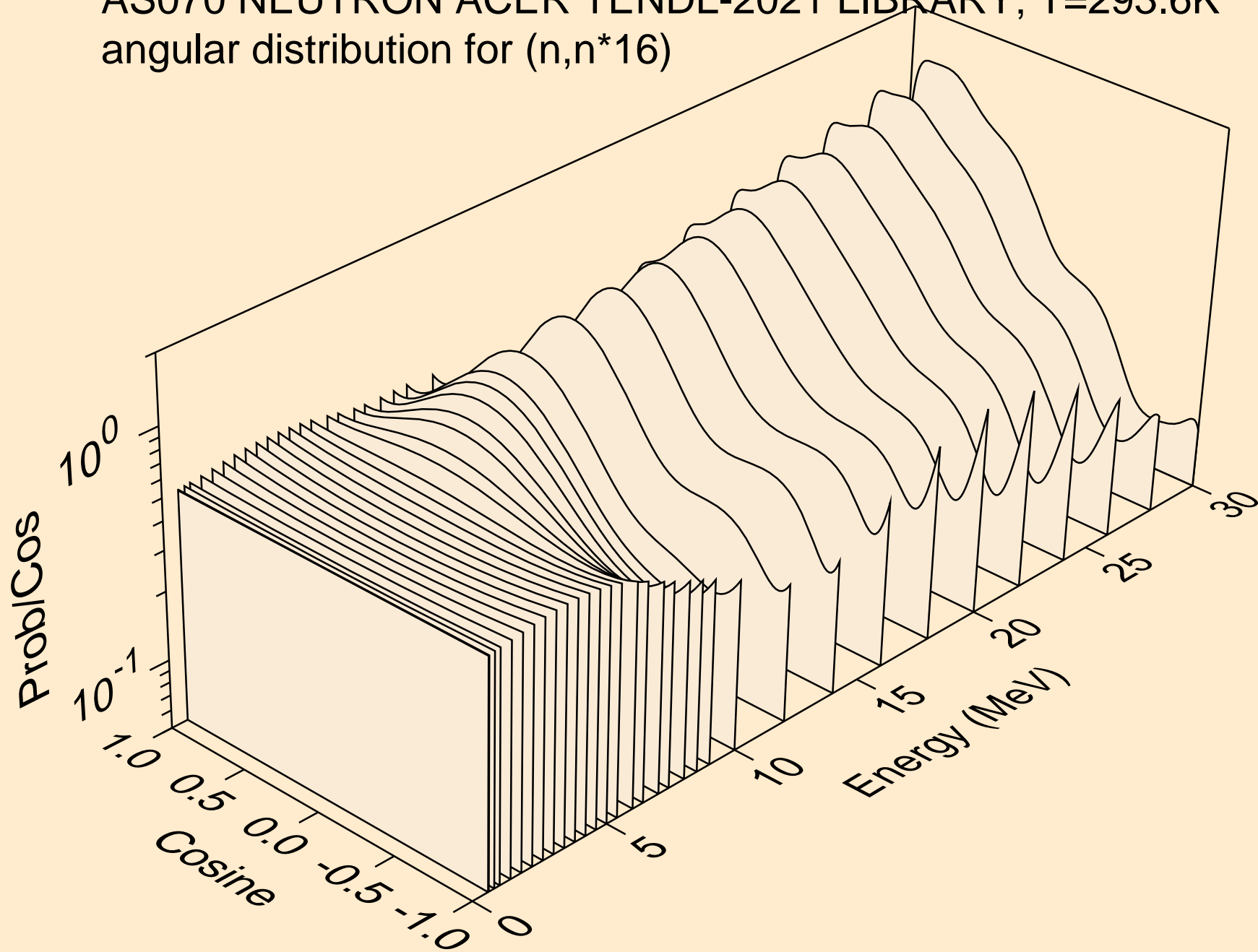
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angular distribution for (n,n\*14)



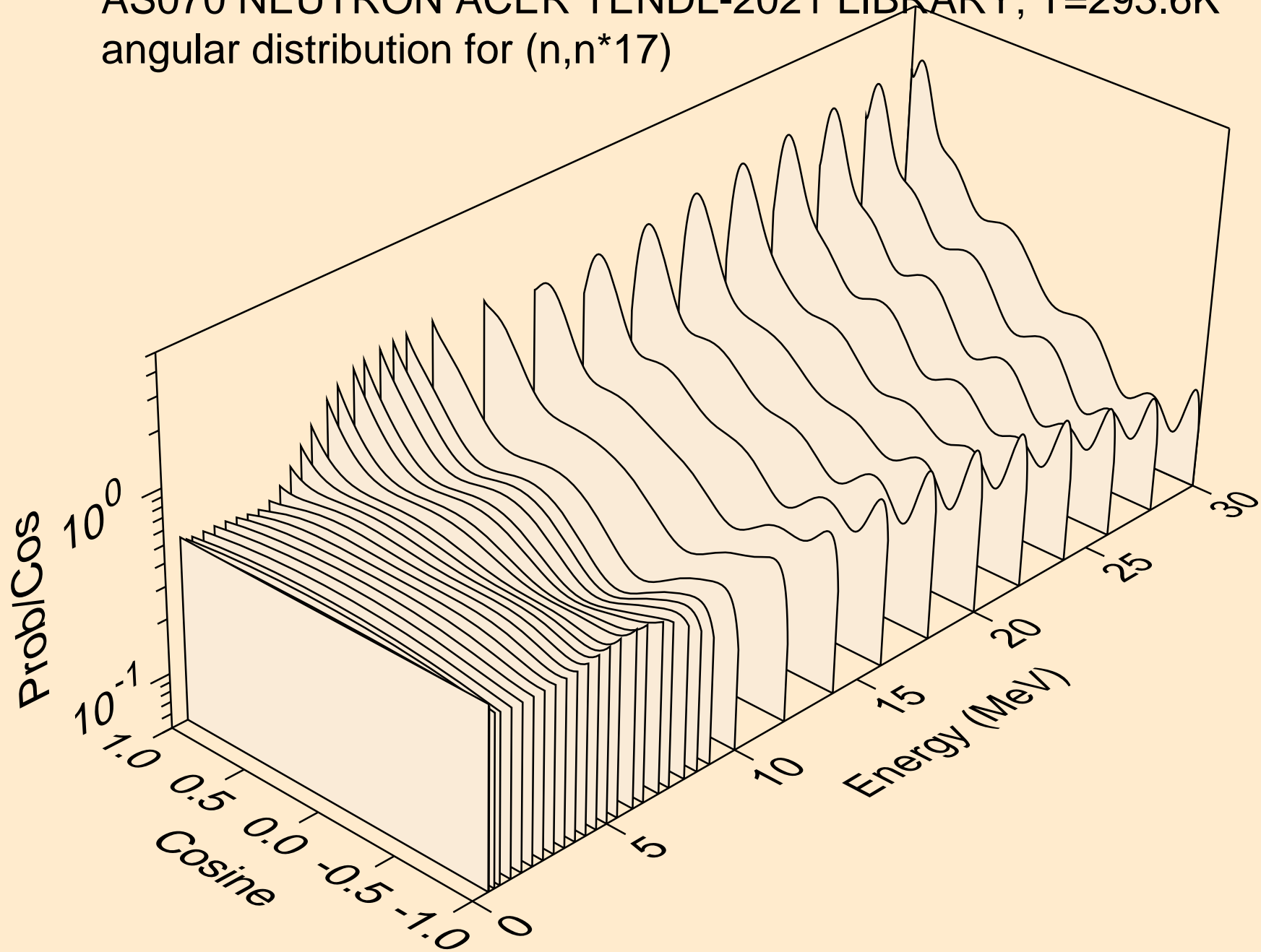
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

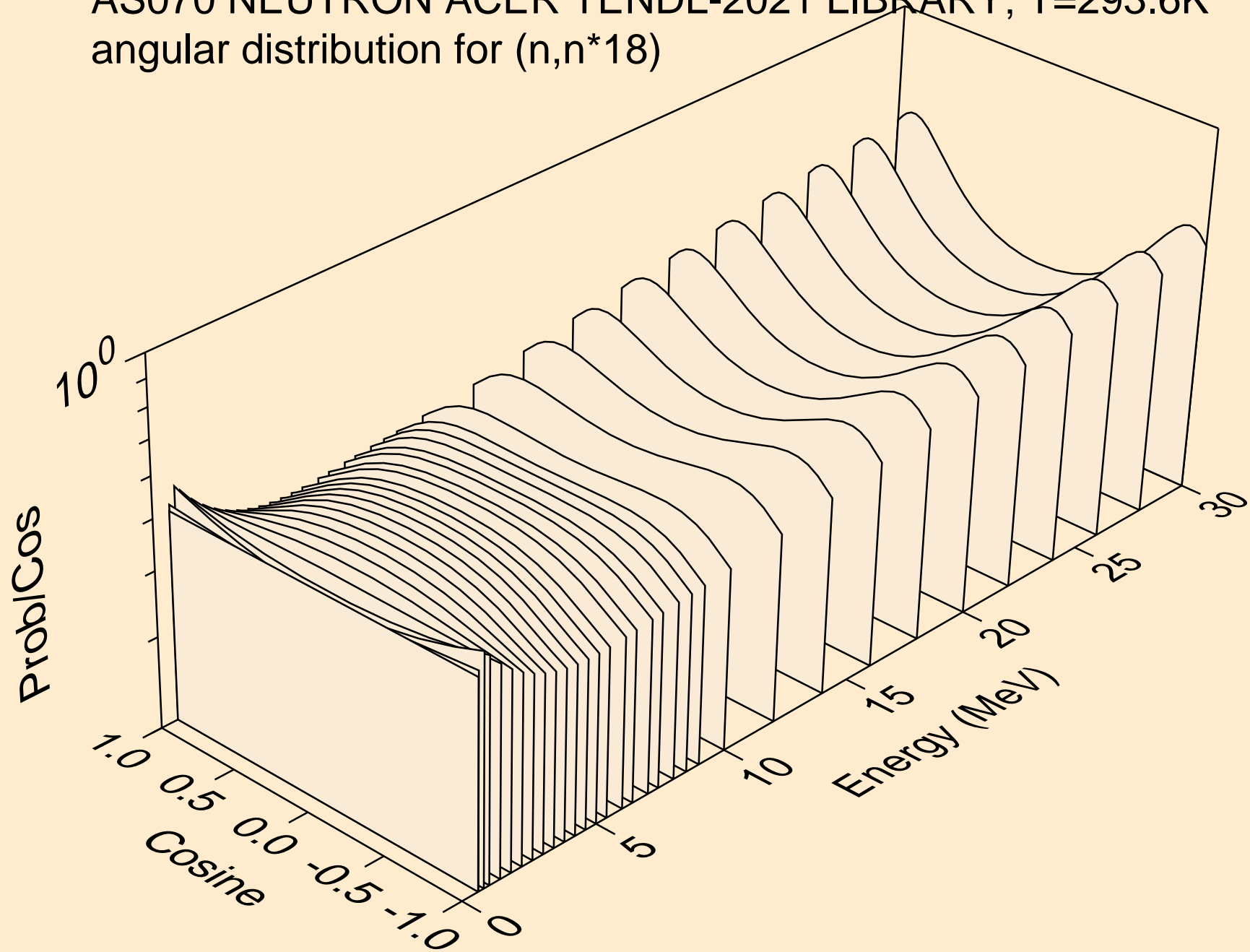


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

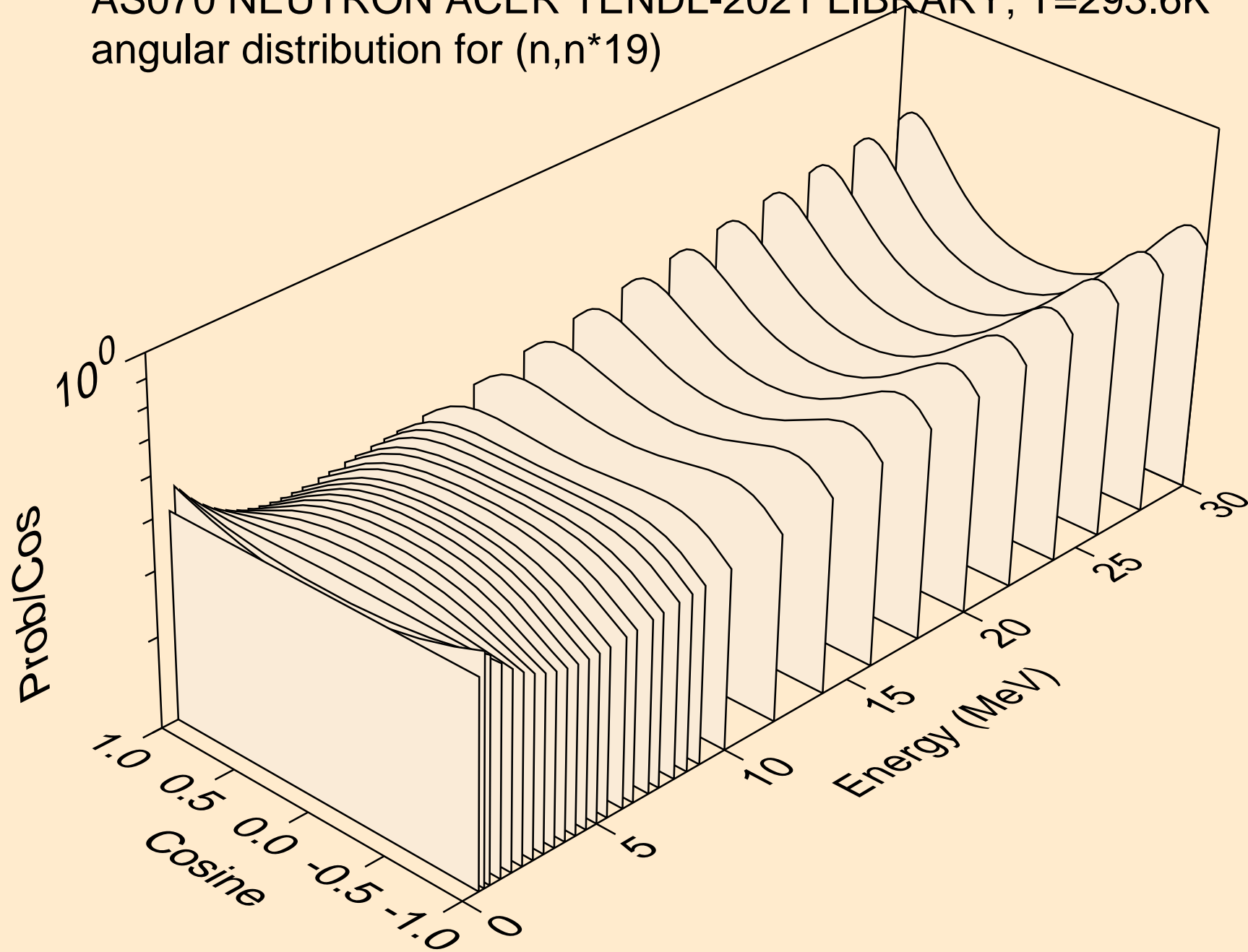




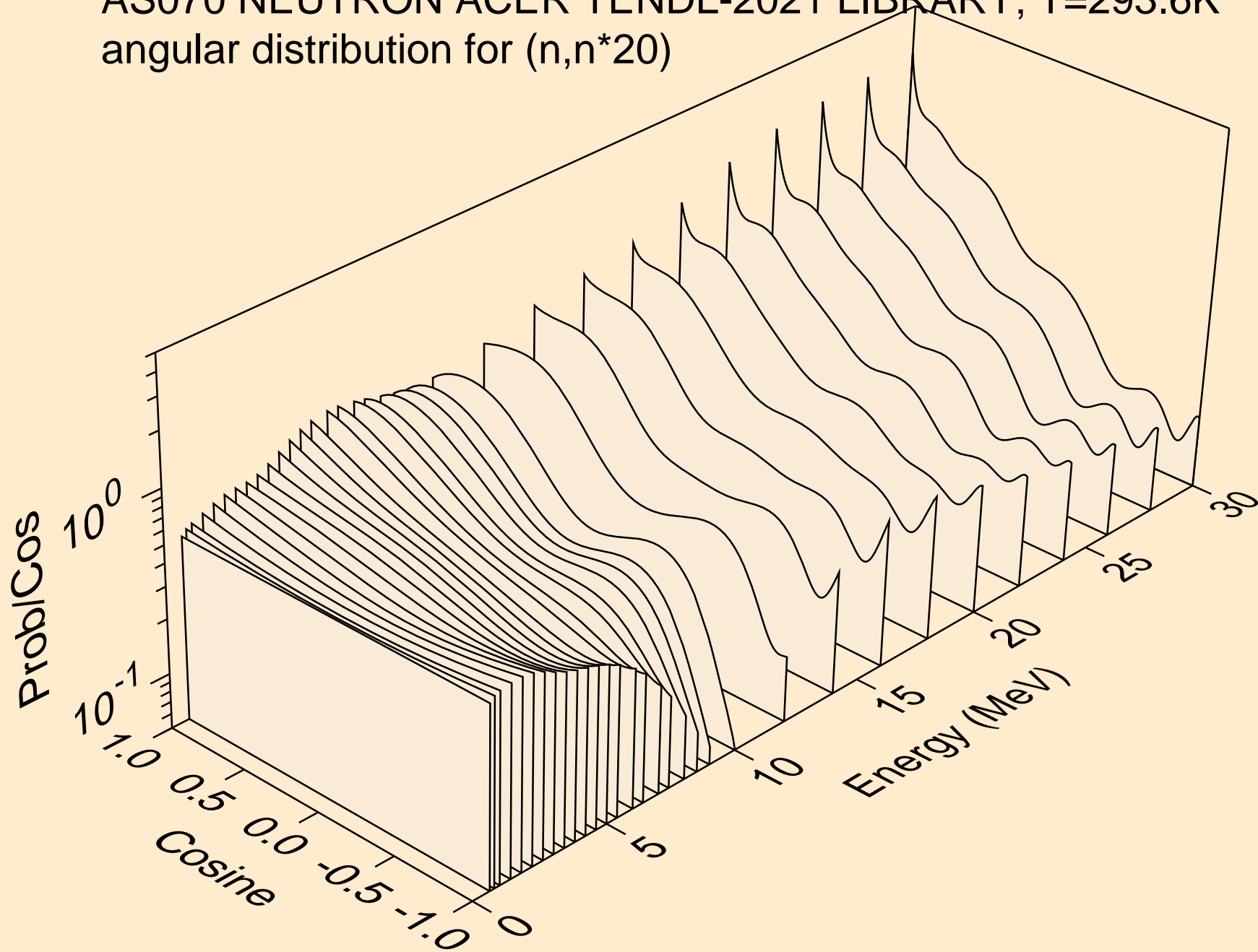
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angular distribution for (n,n\*18)



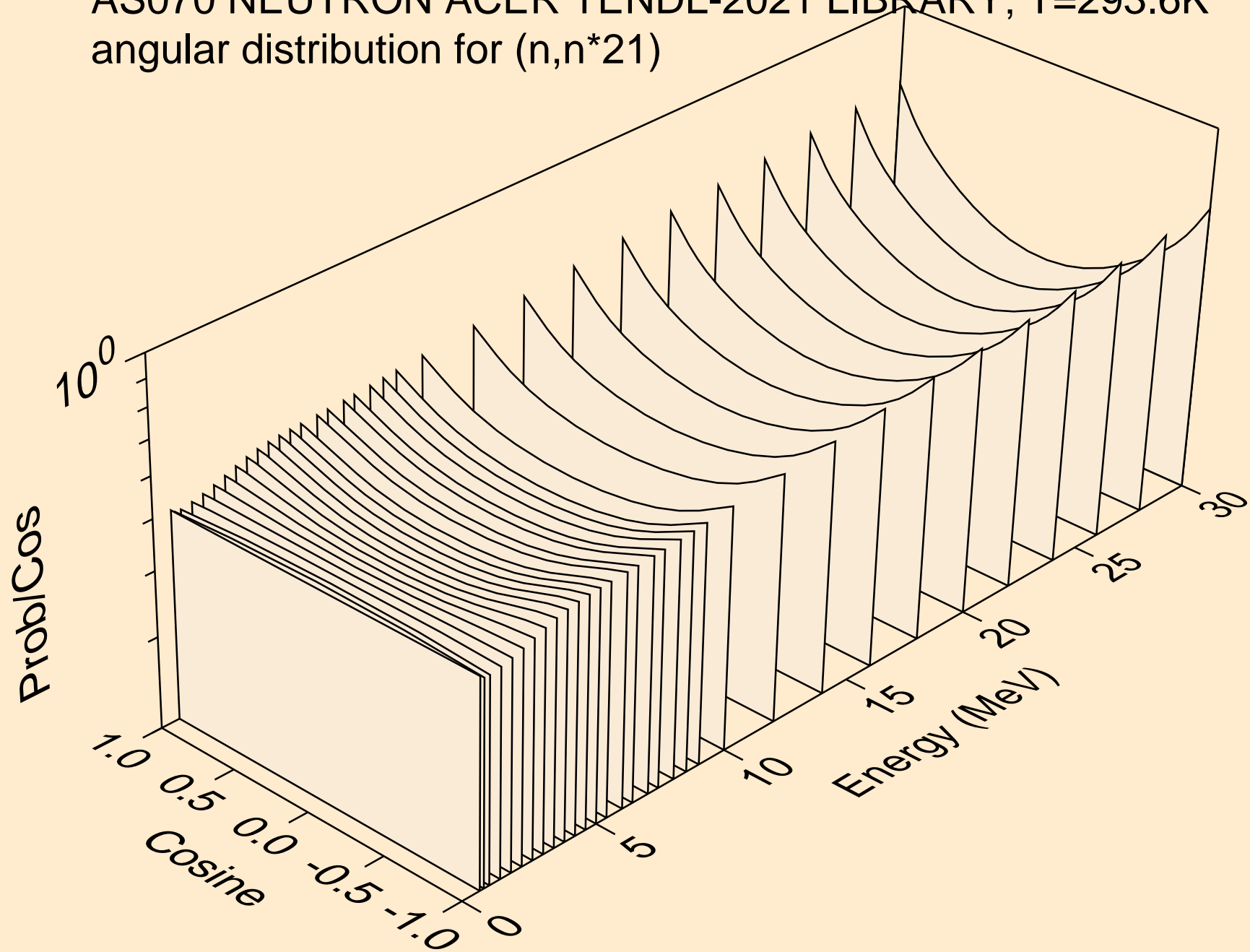
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angular distribution for (n,n\*19)



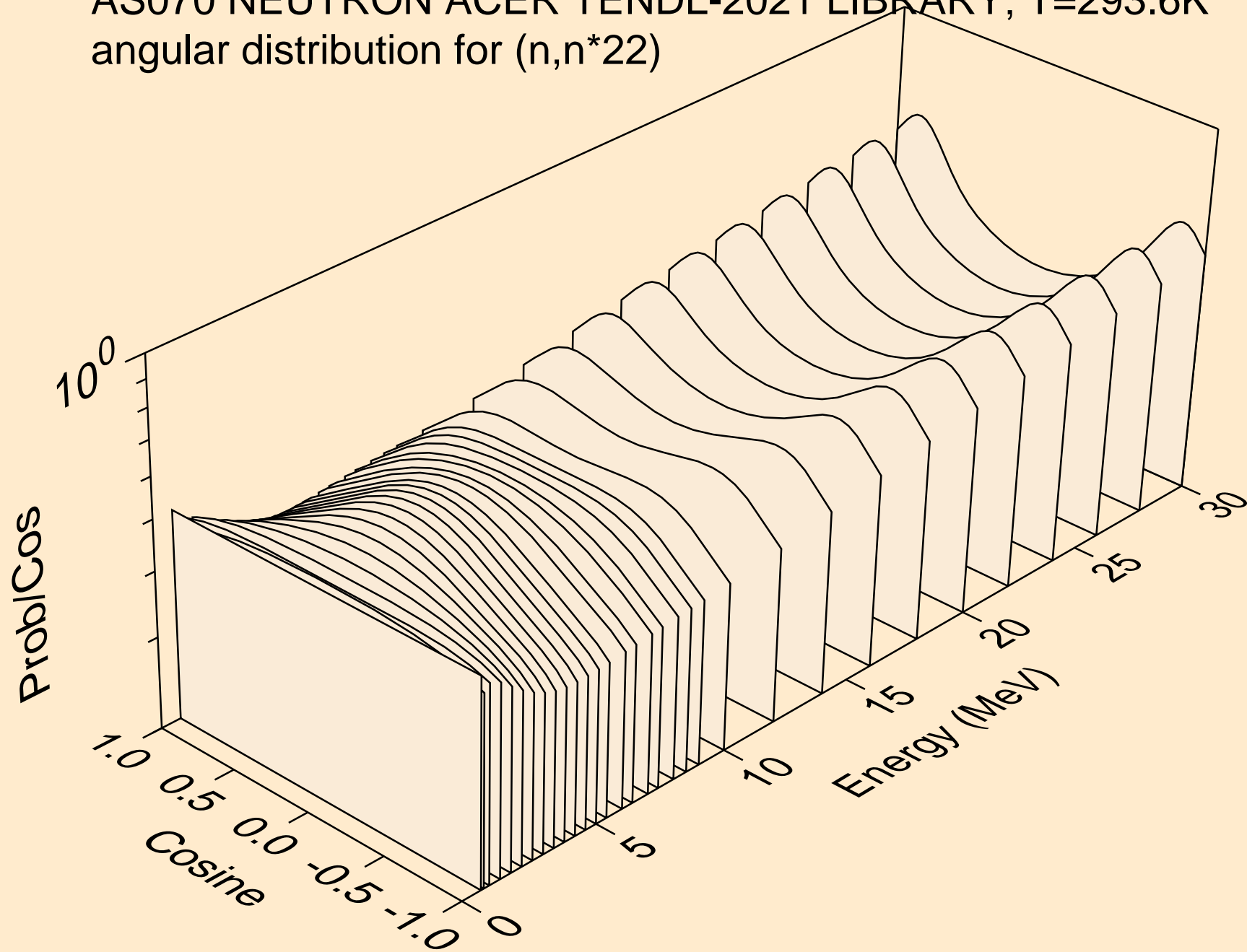
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



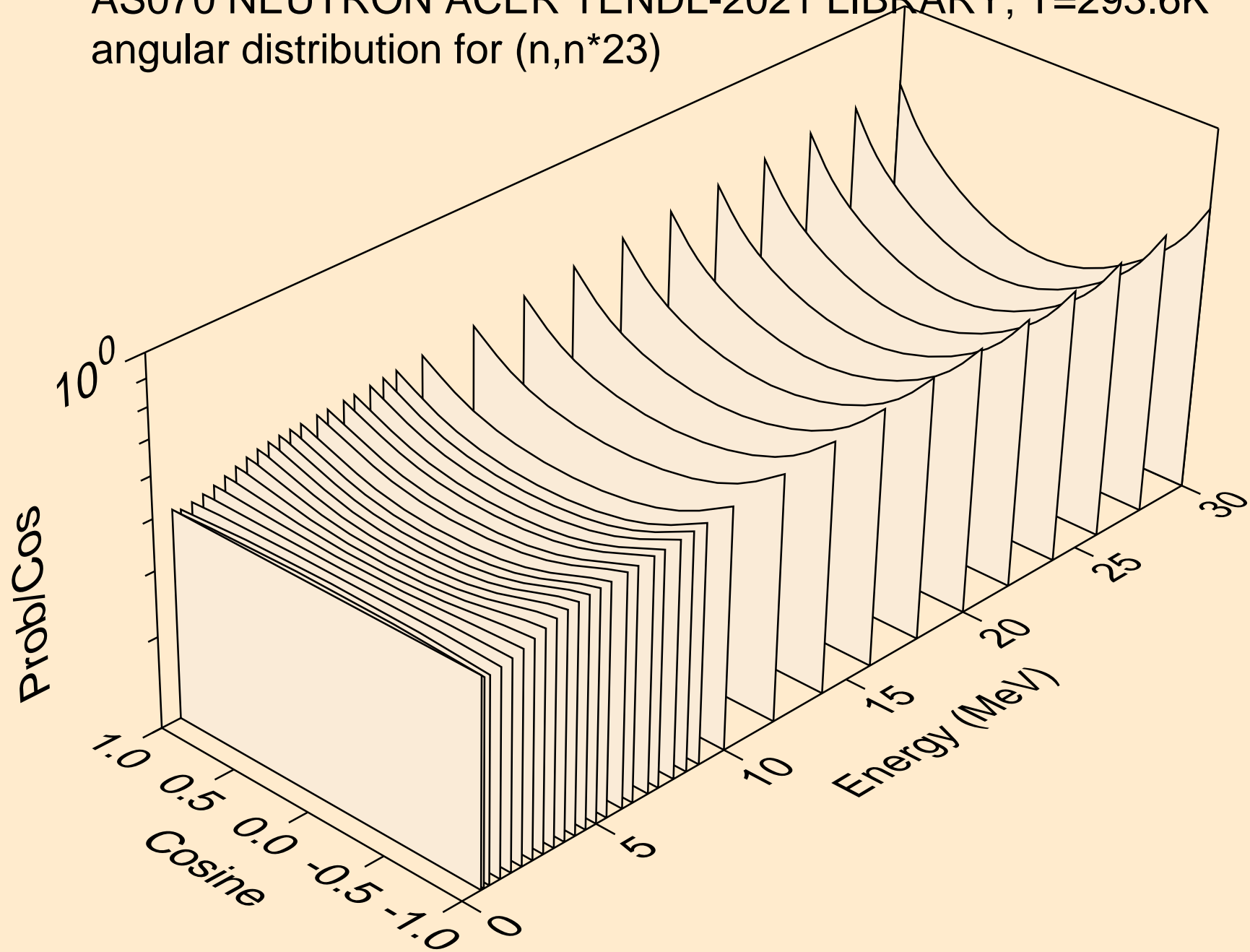
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angular distribution for (n,n\*21)



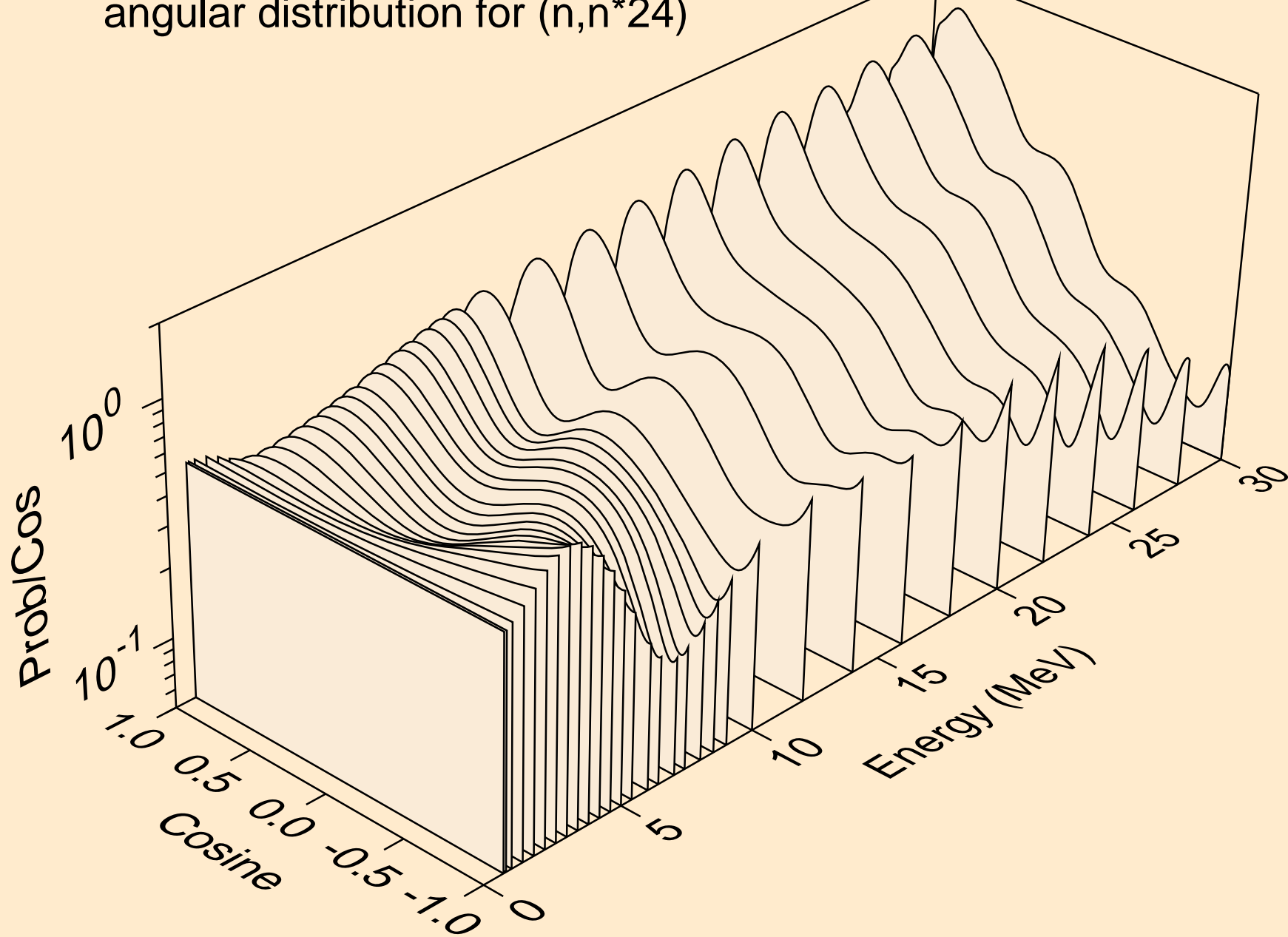
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



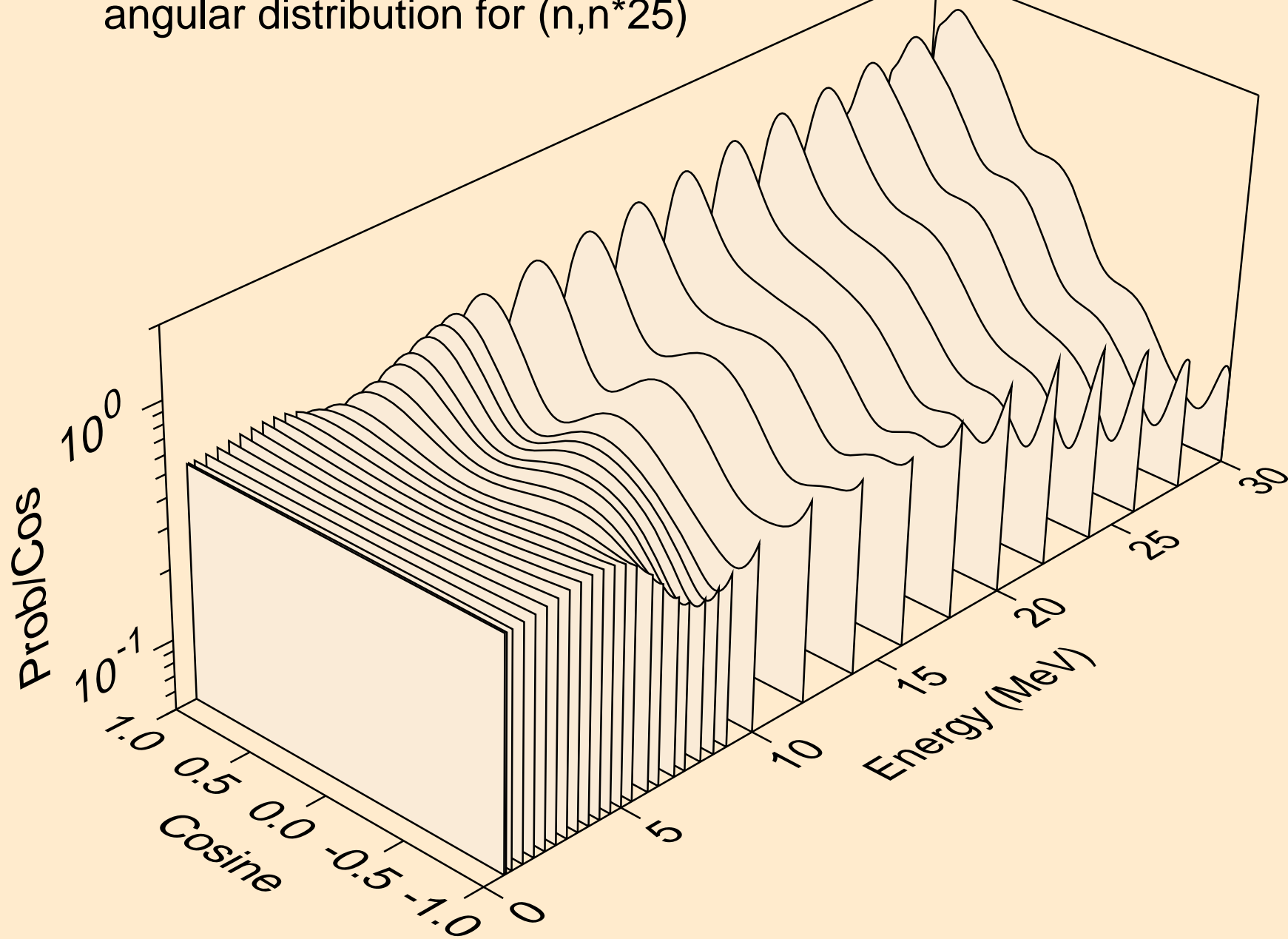
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

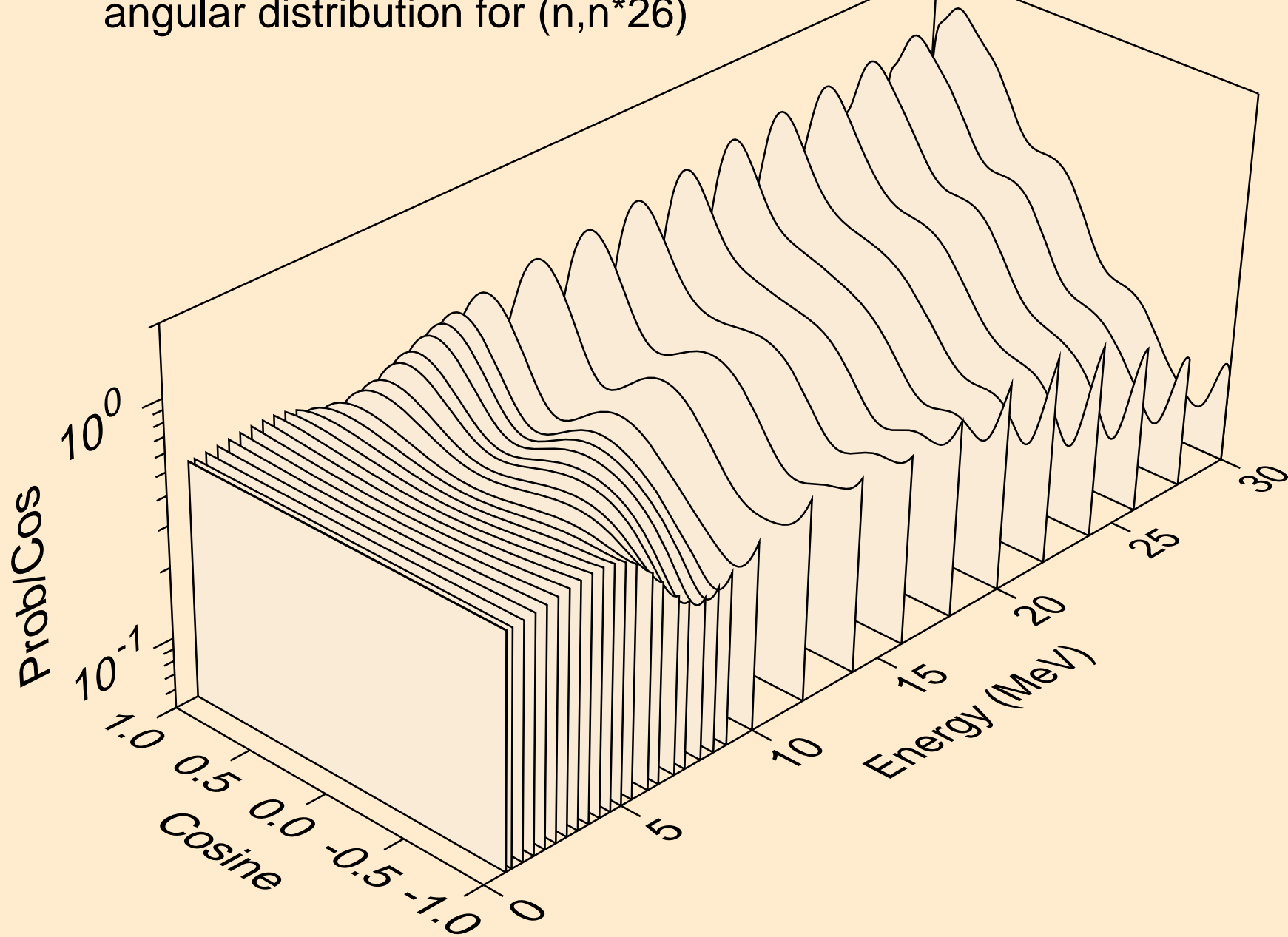


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

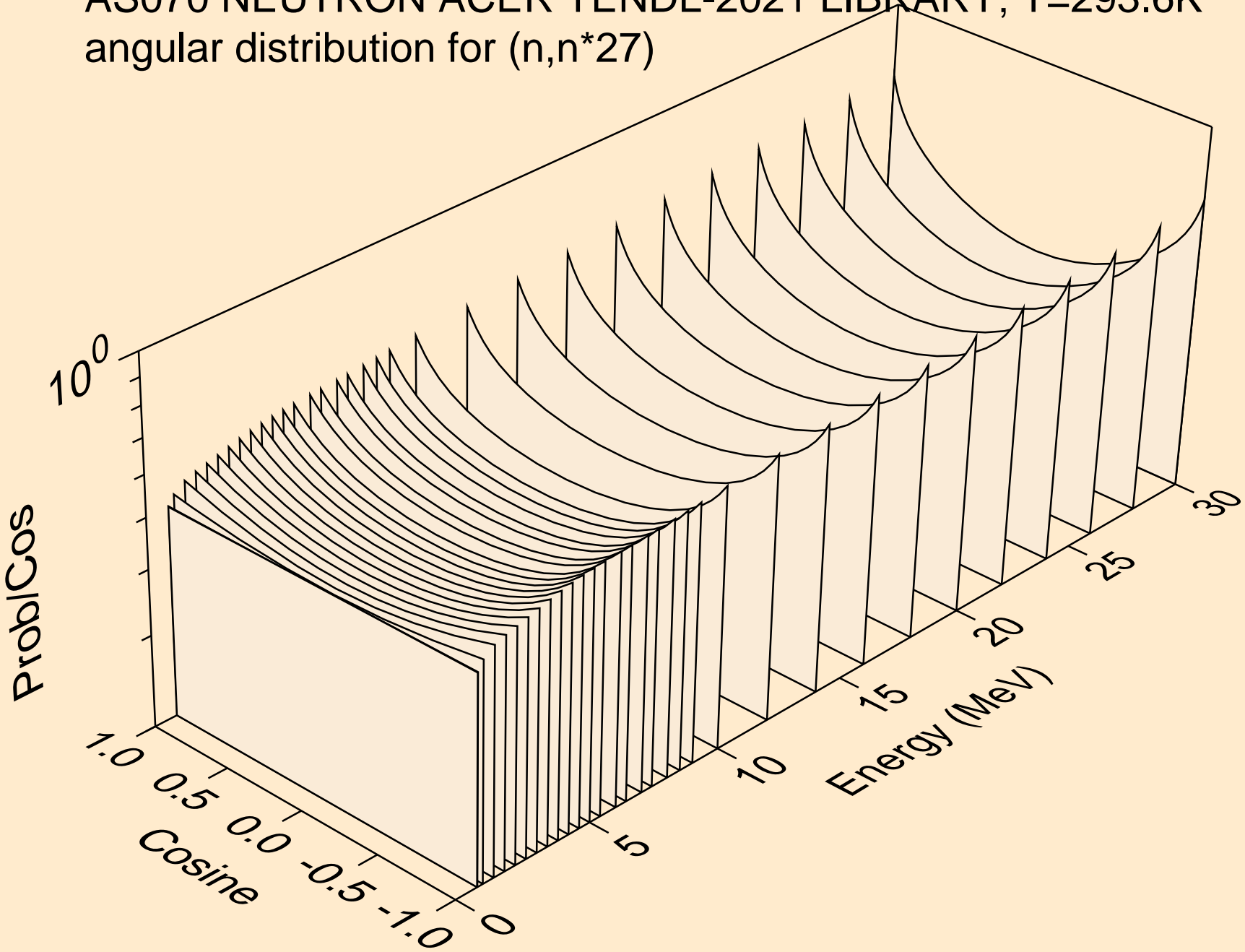




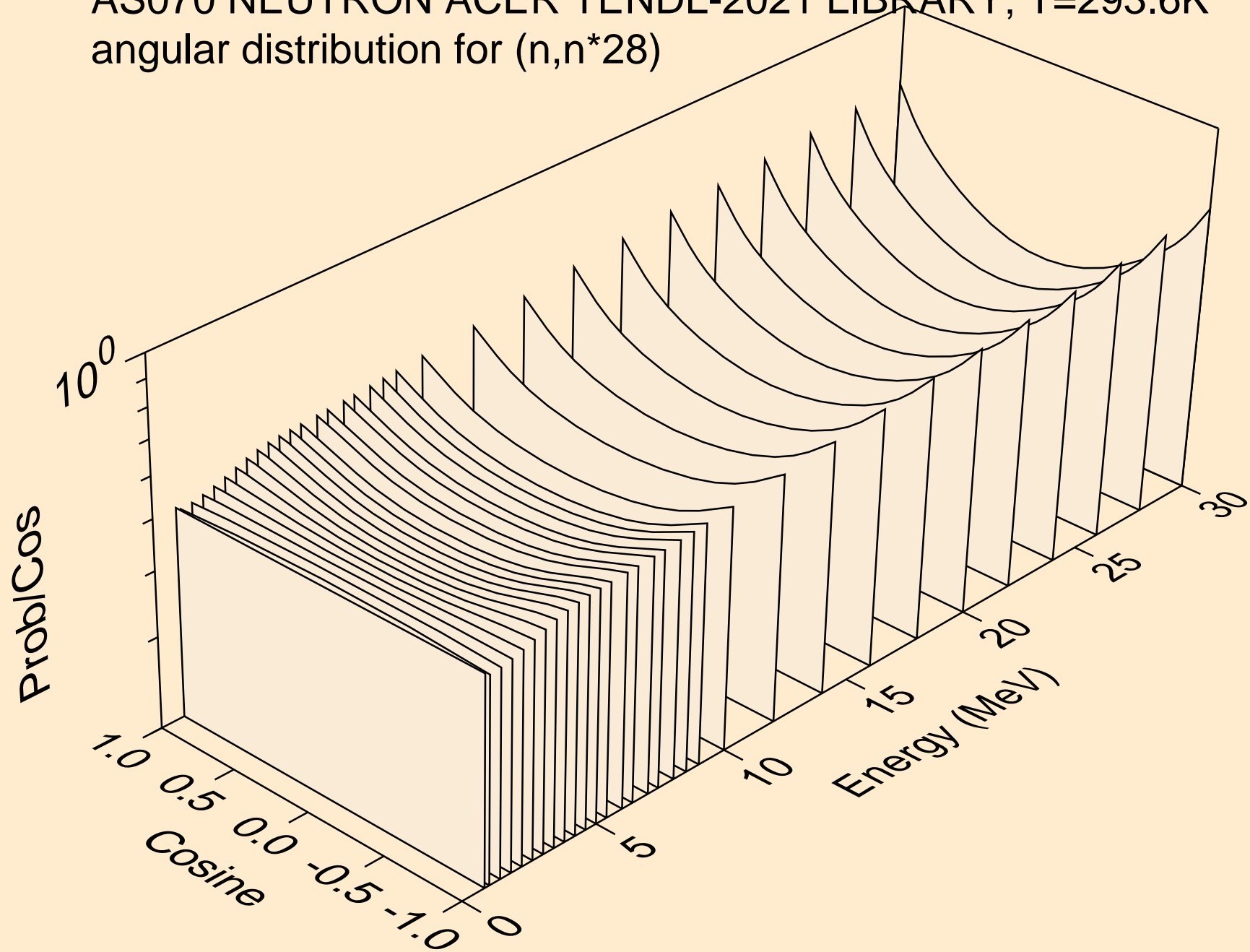
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



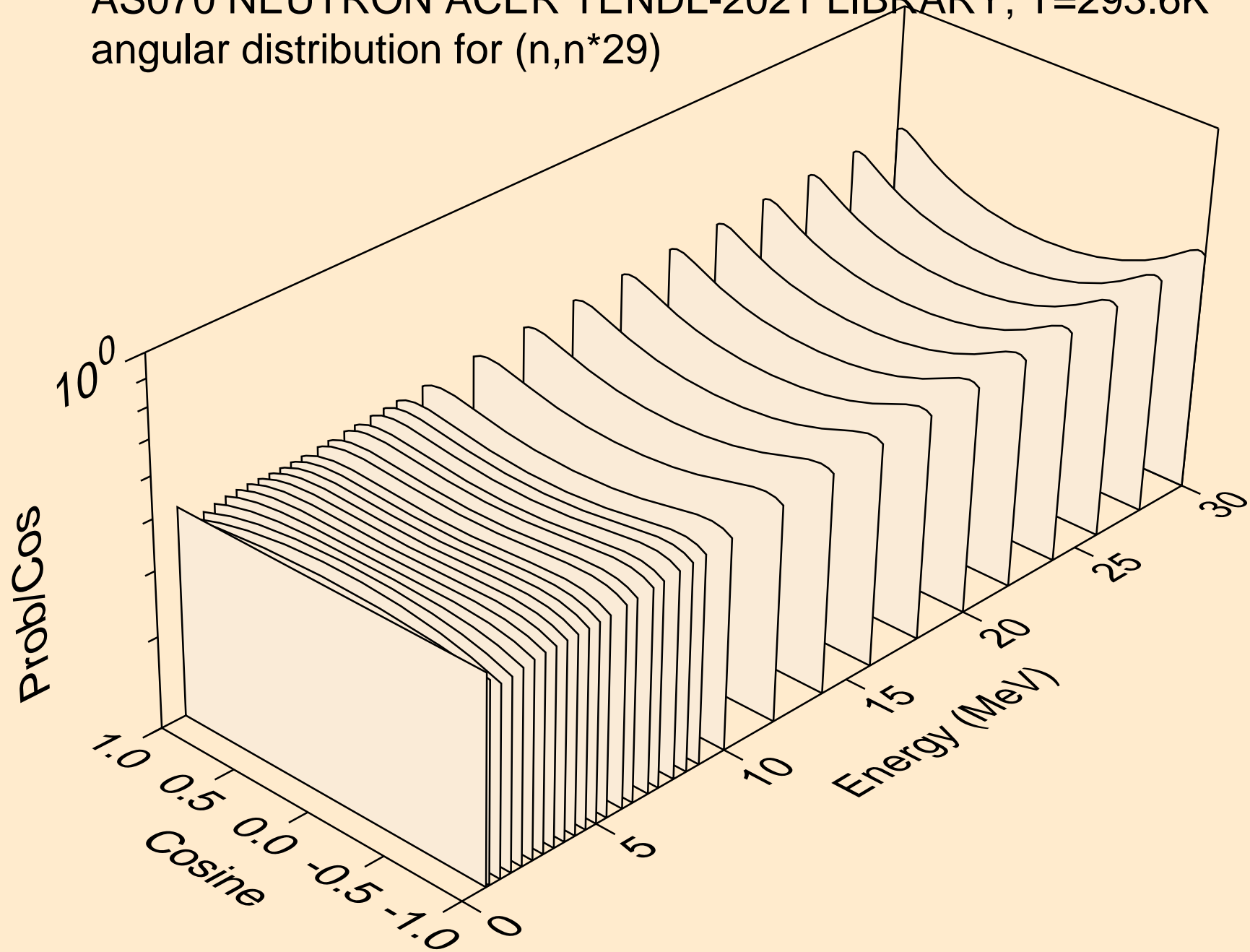
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



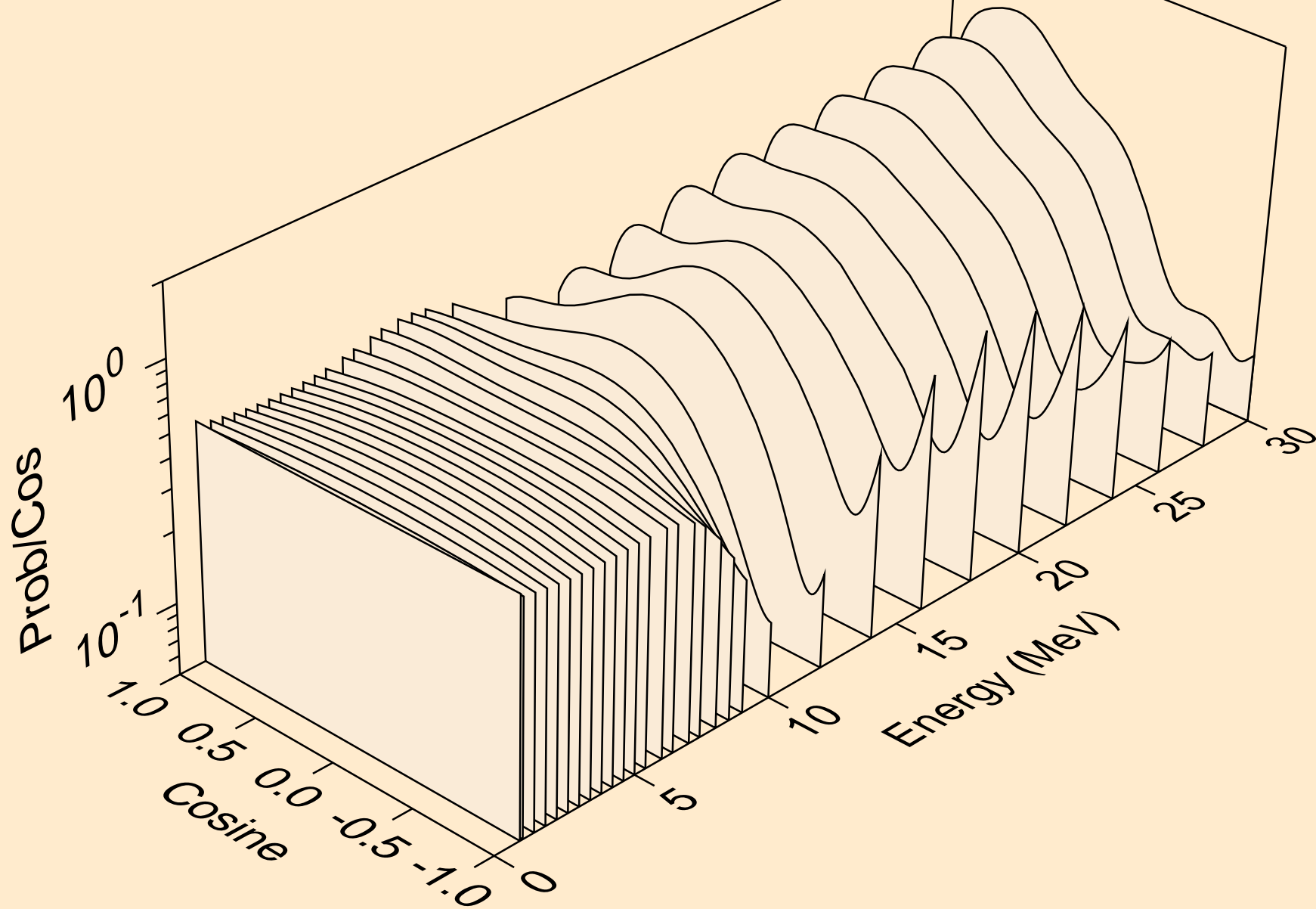
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



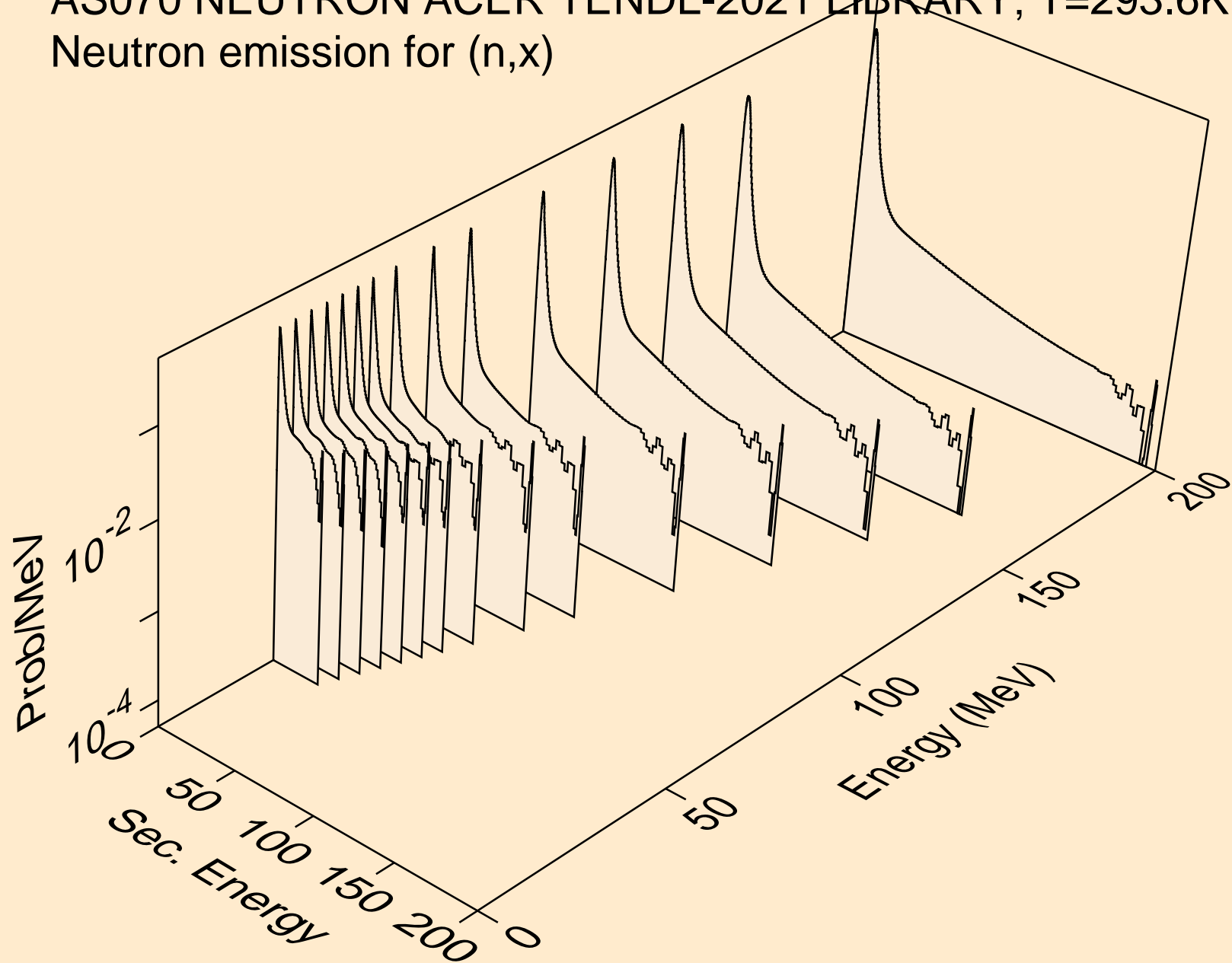
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



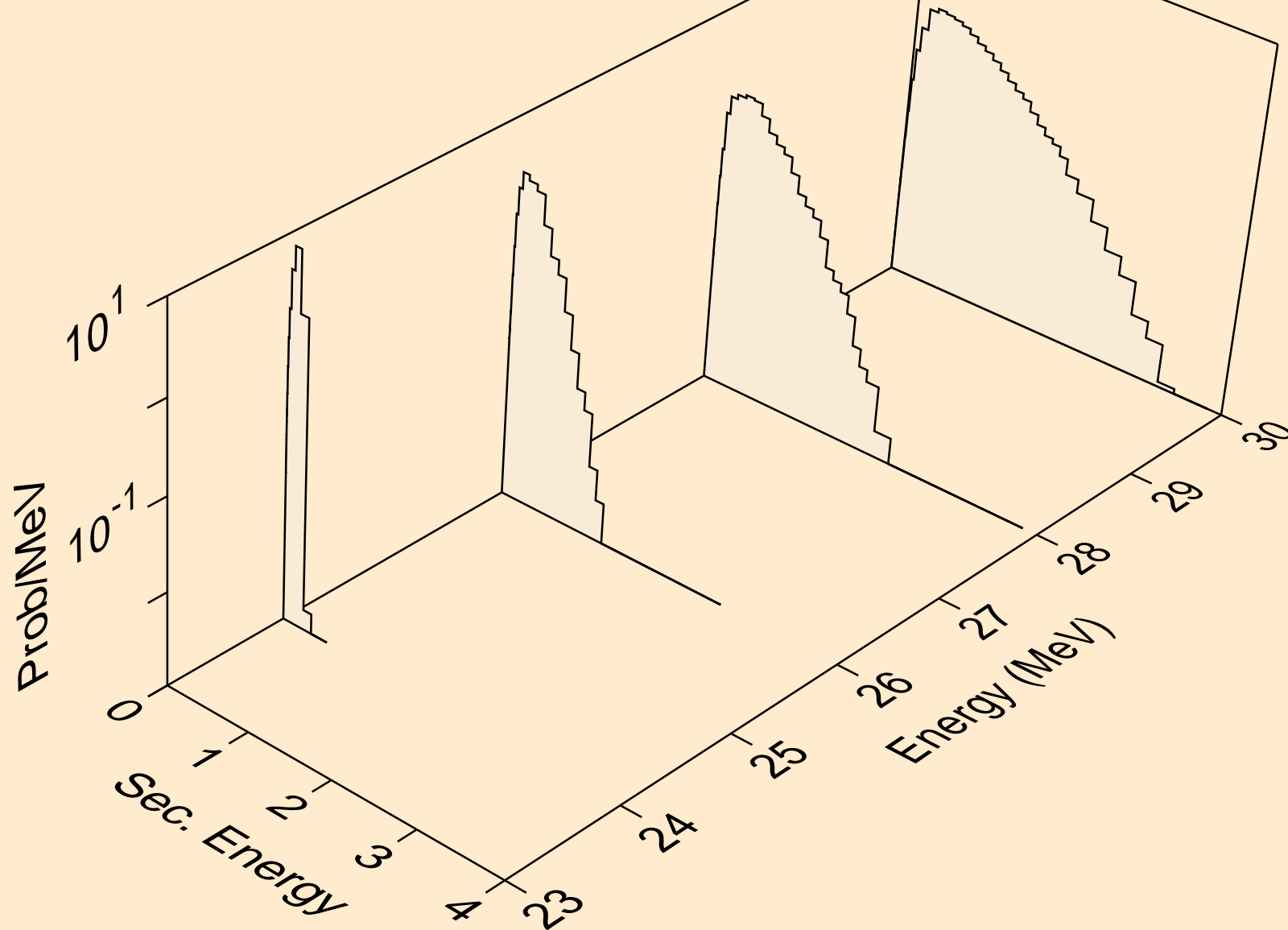
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



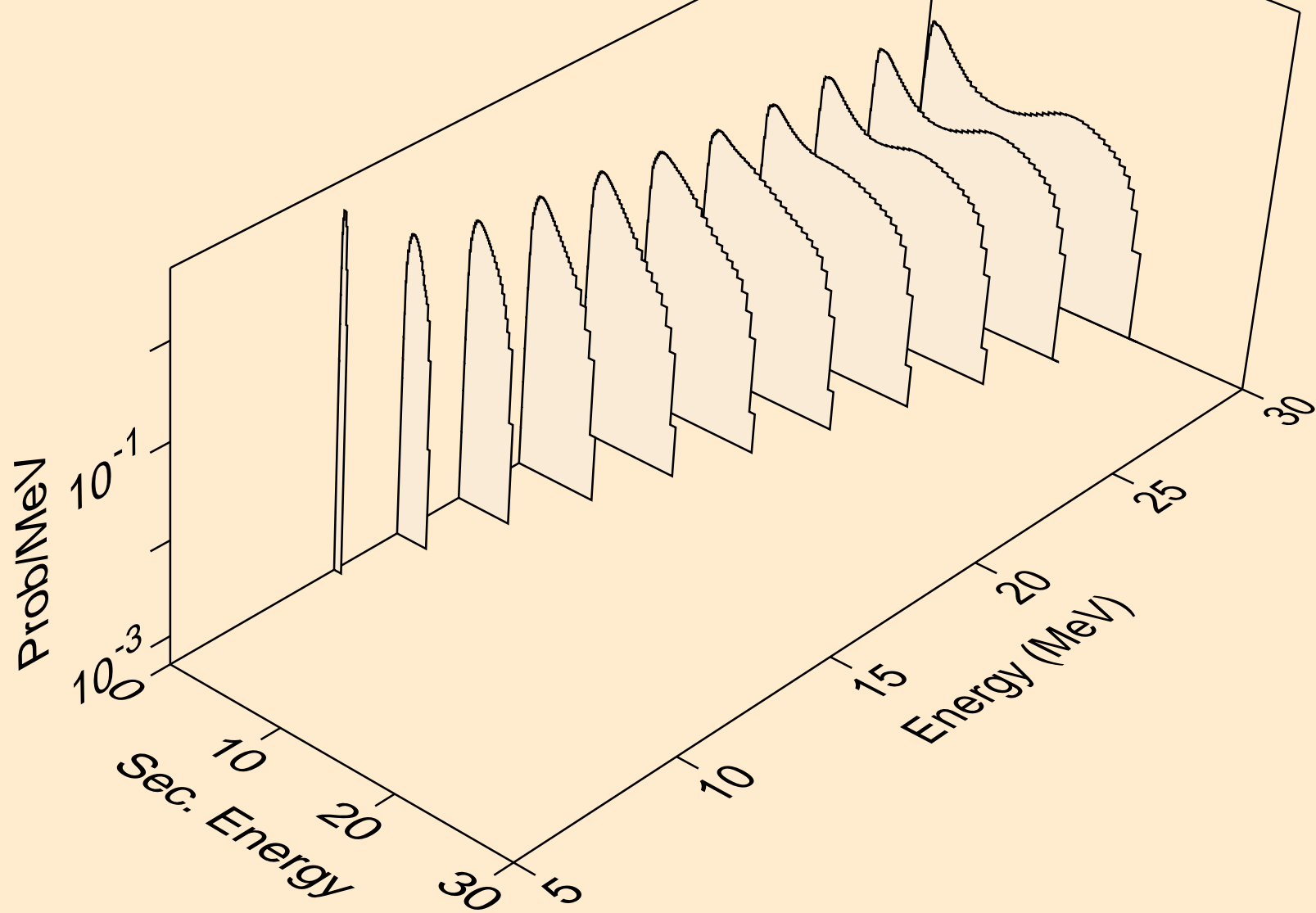
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

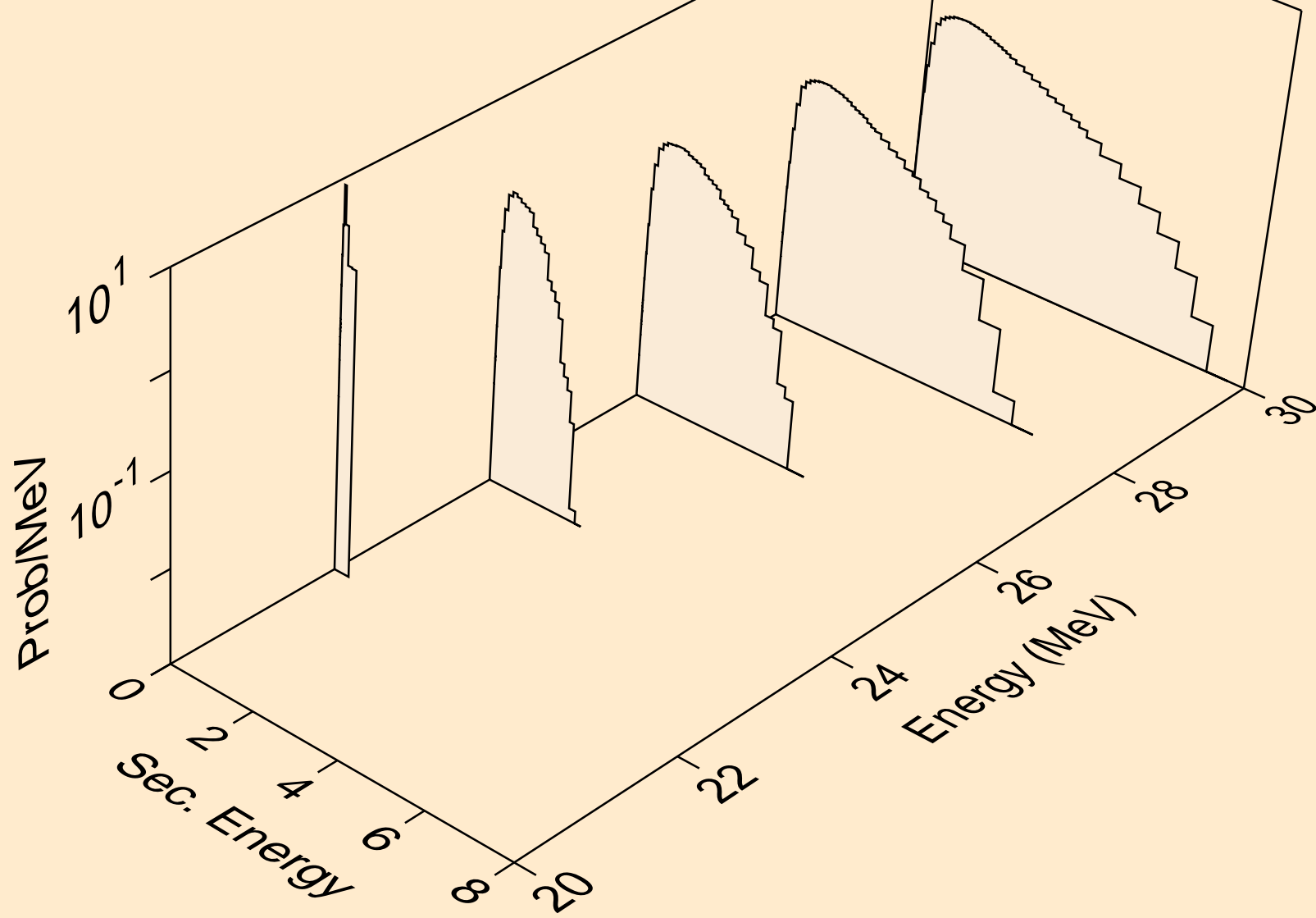


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

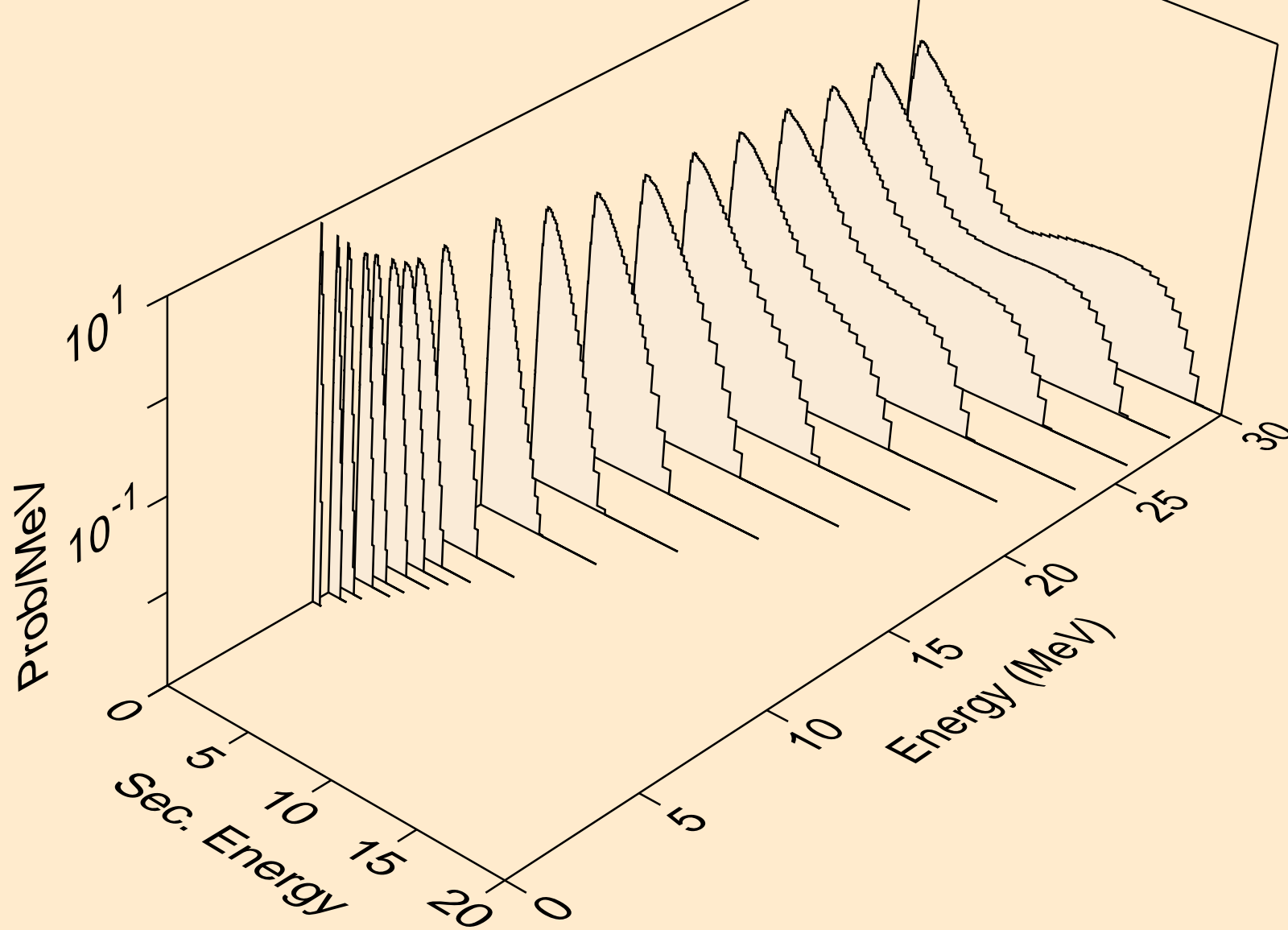




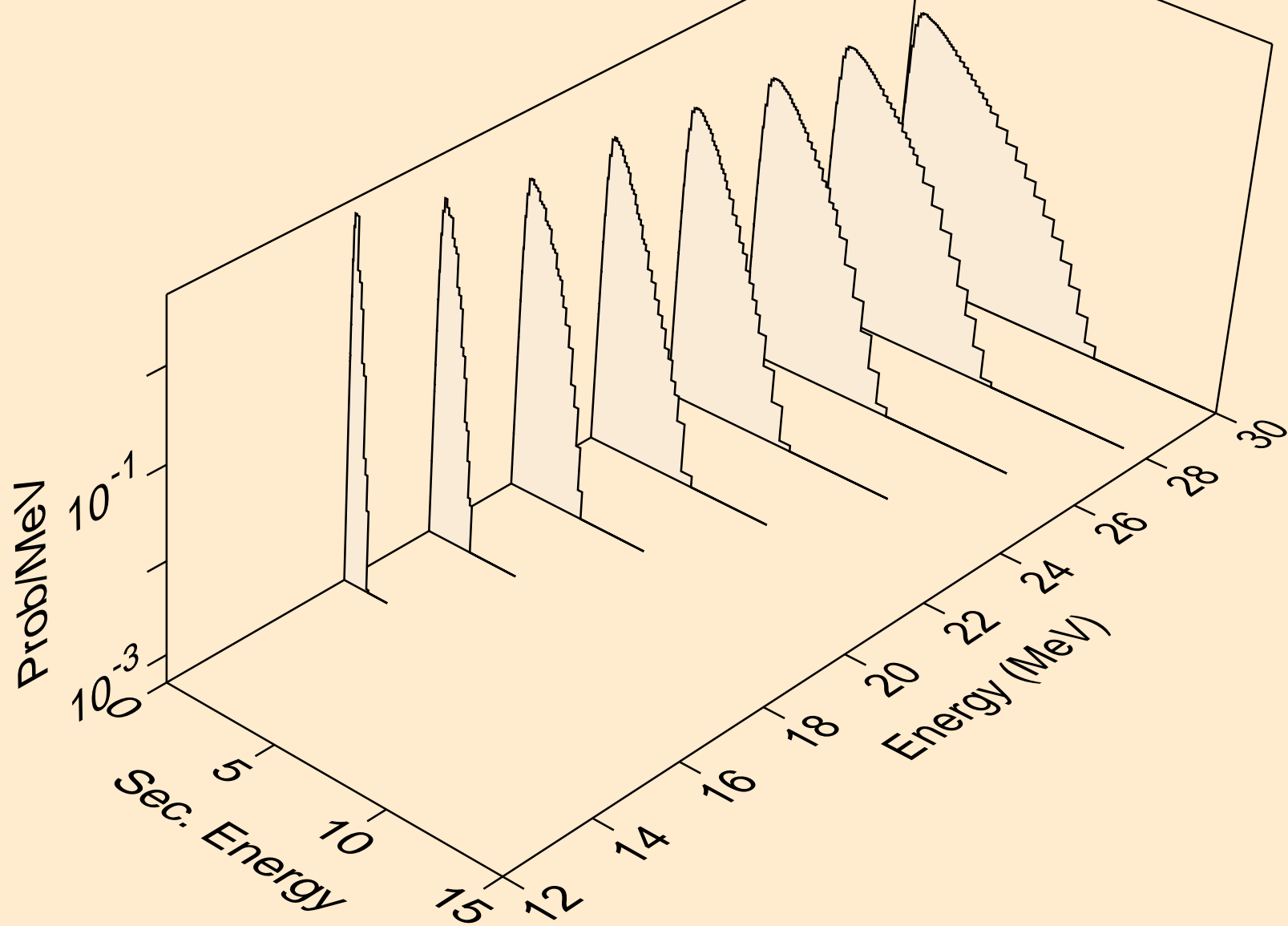
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



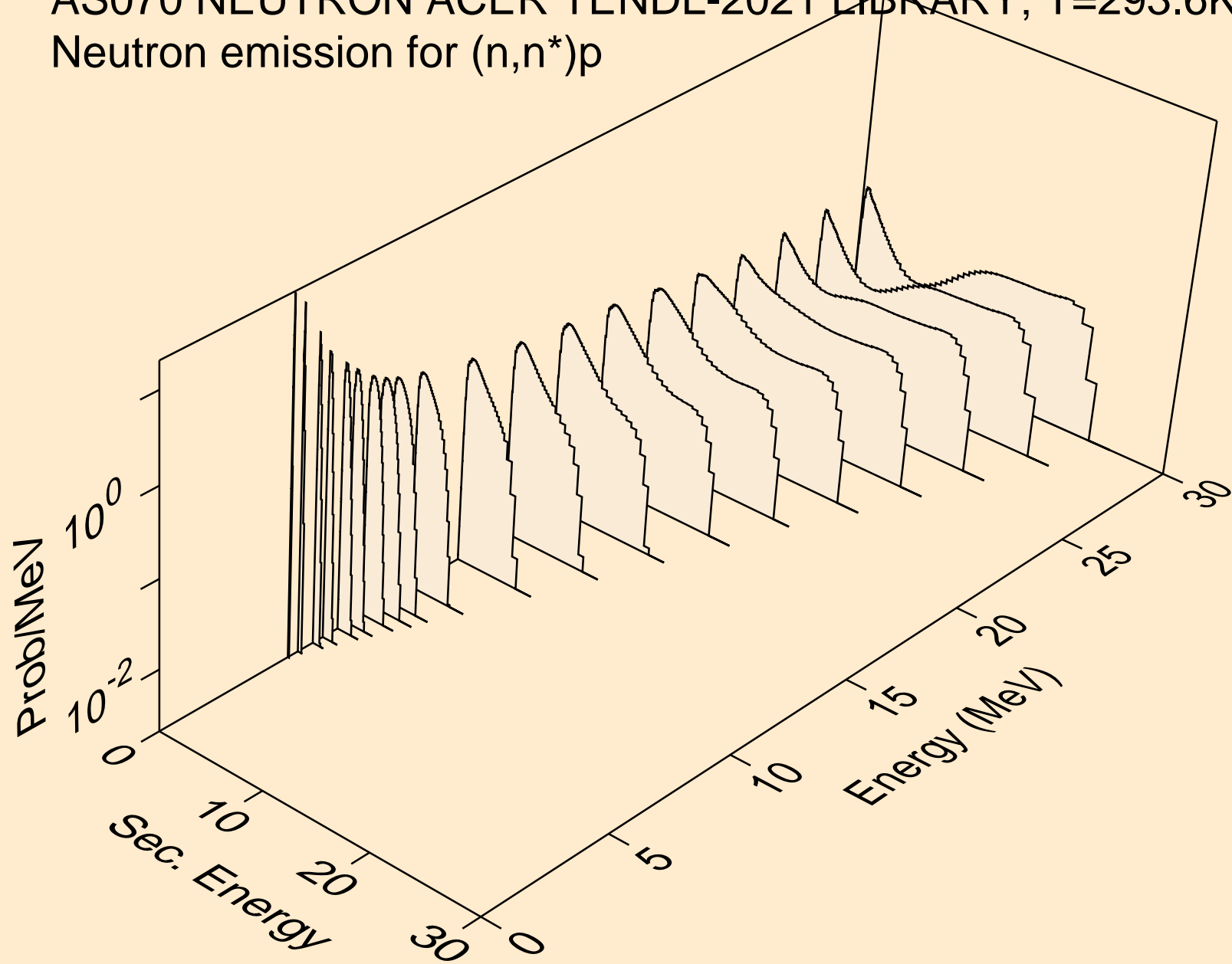
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



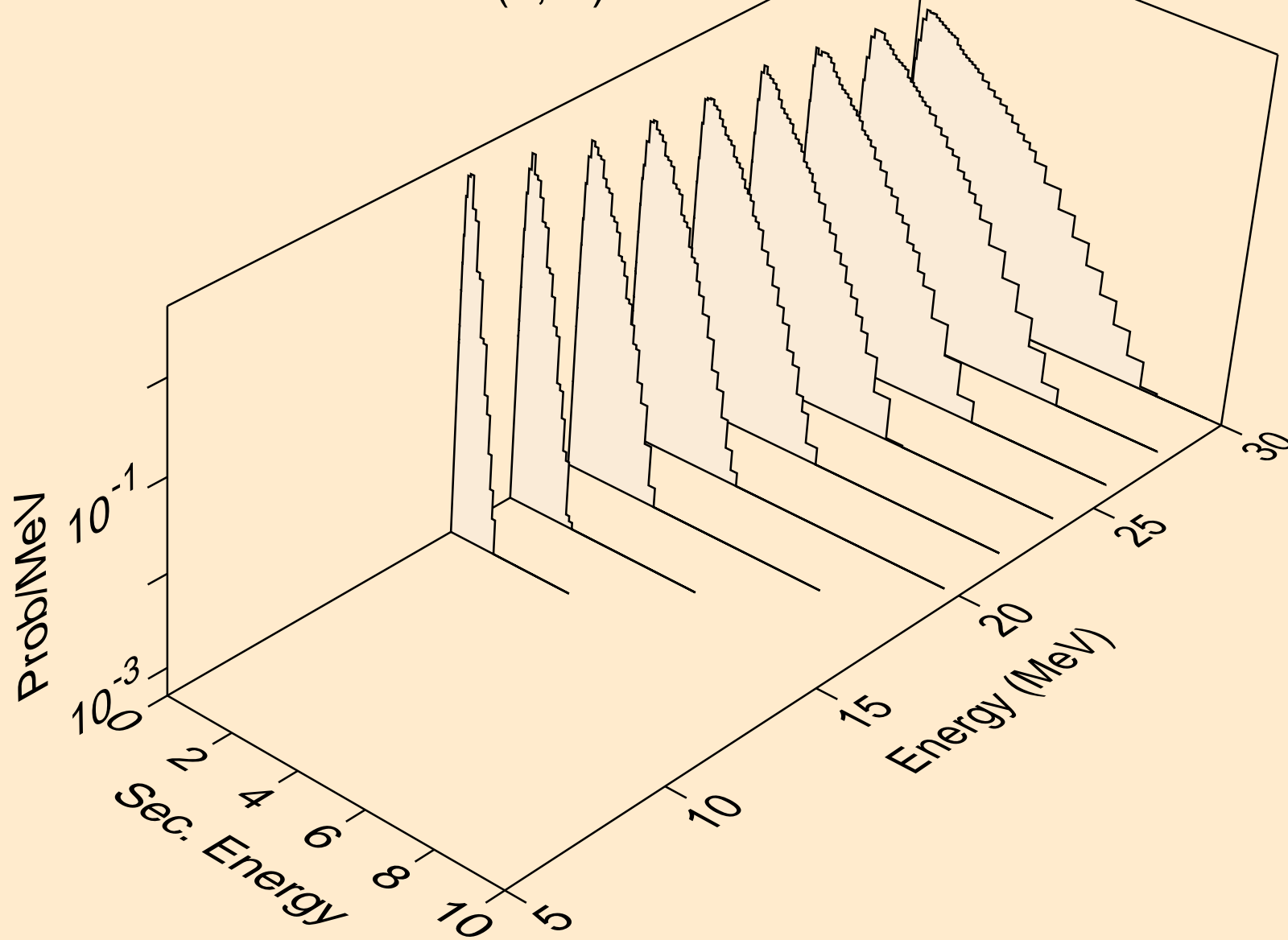
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



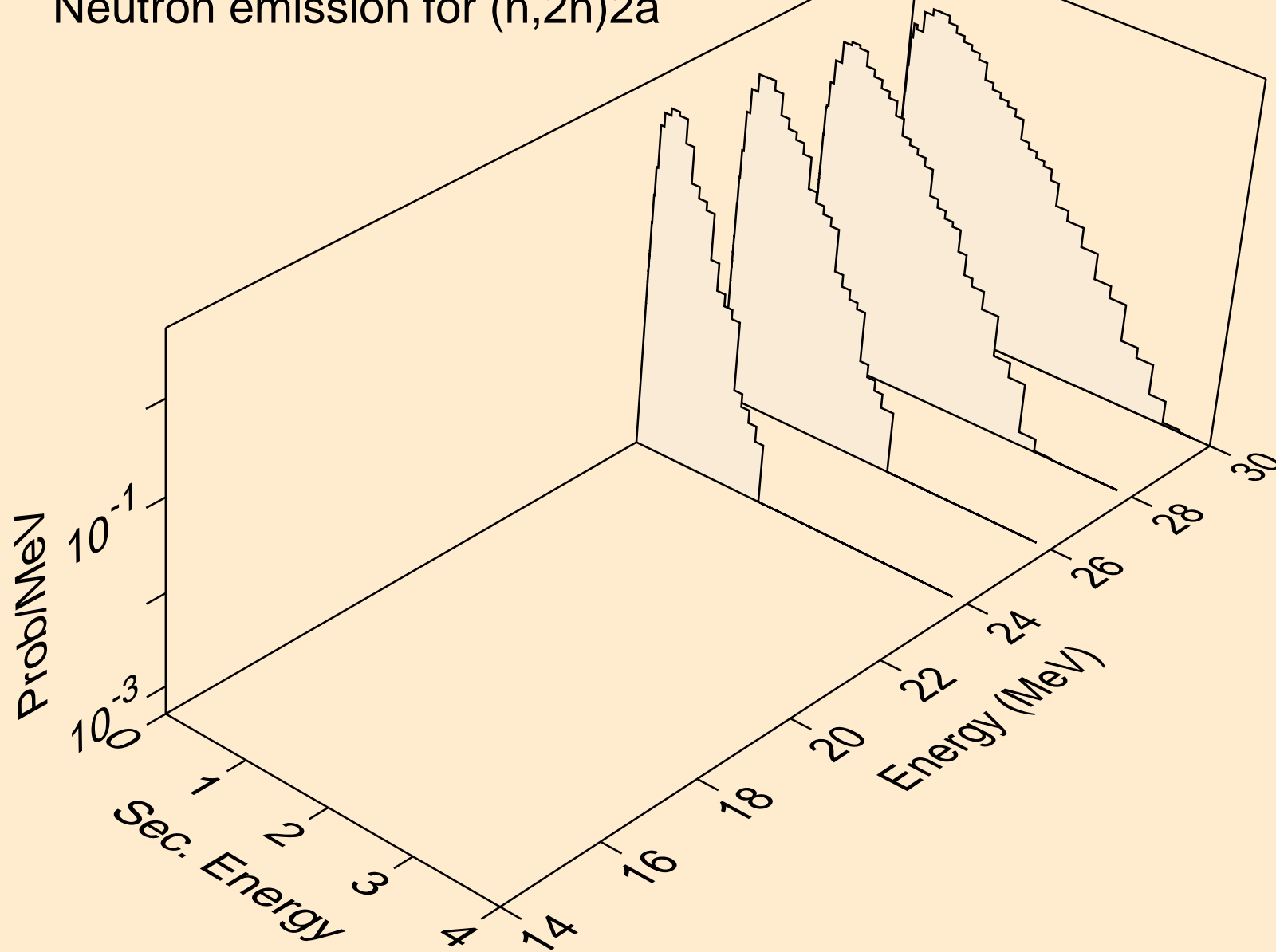
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



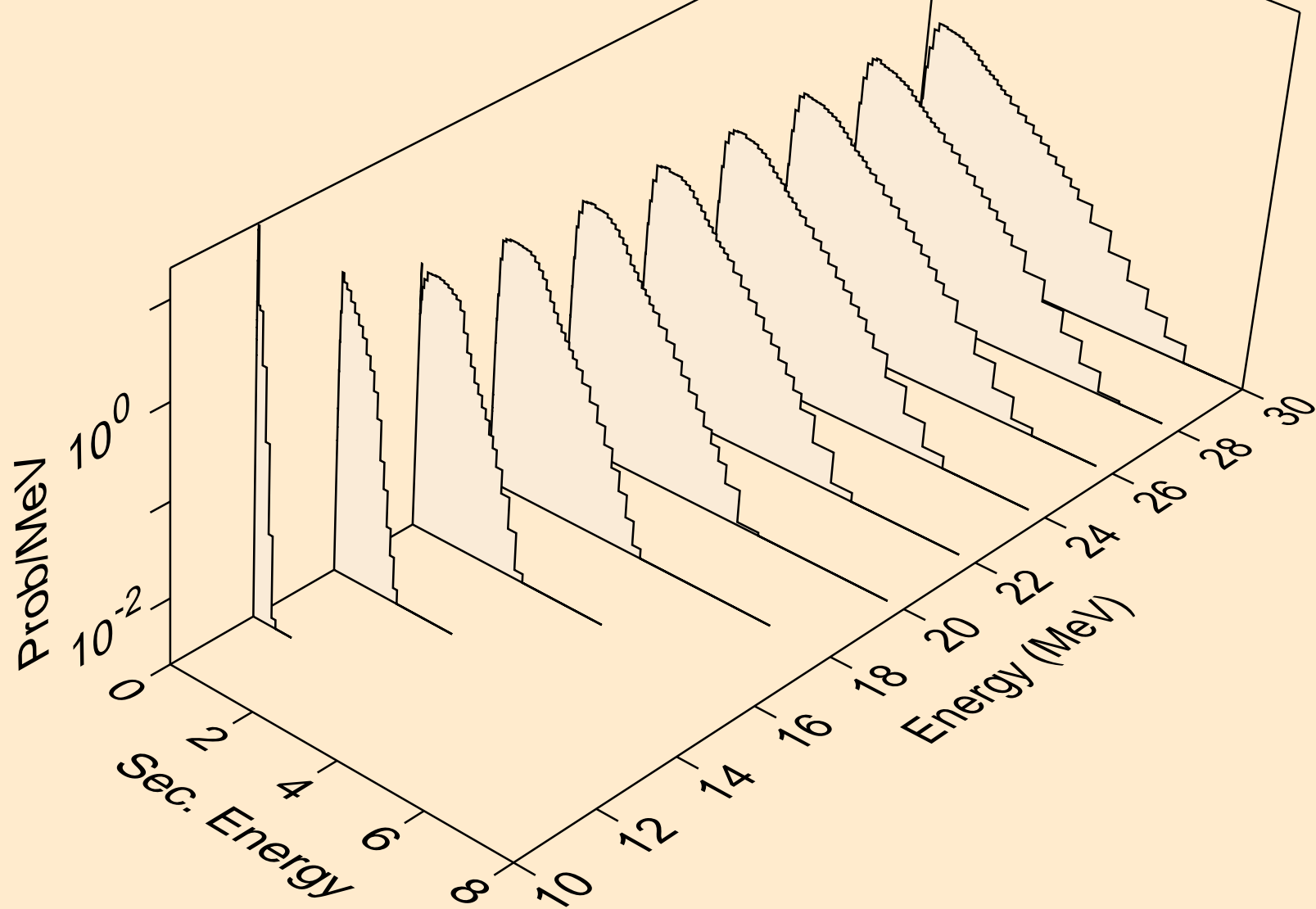
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



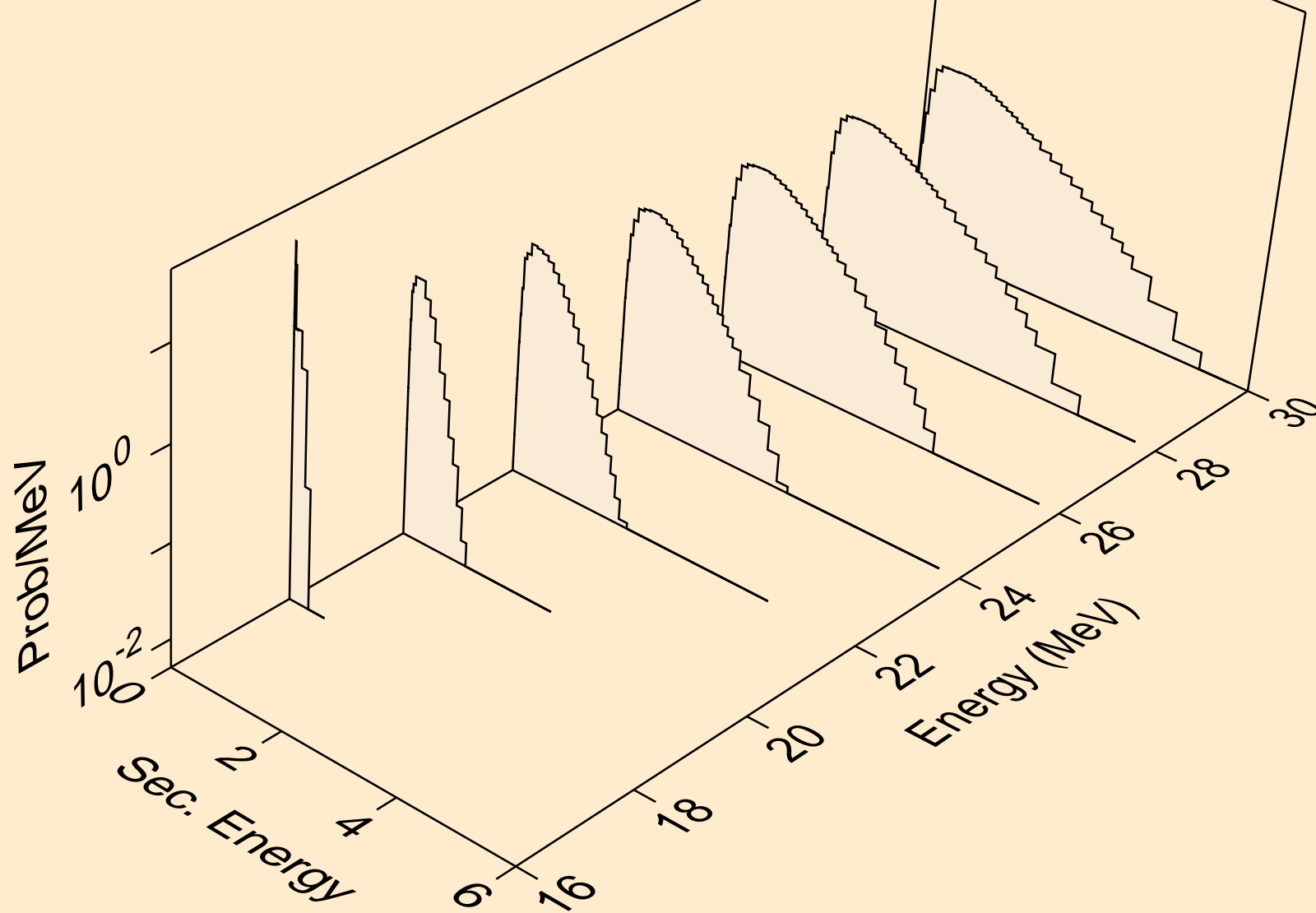
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

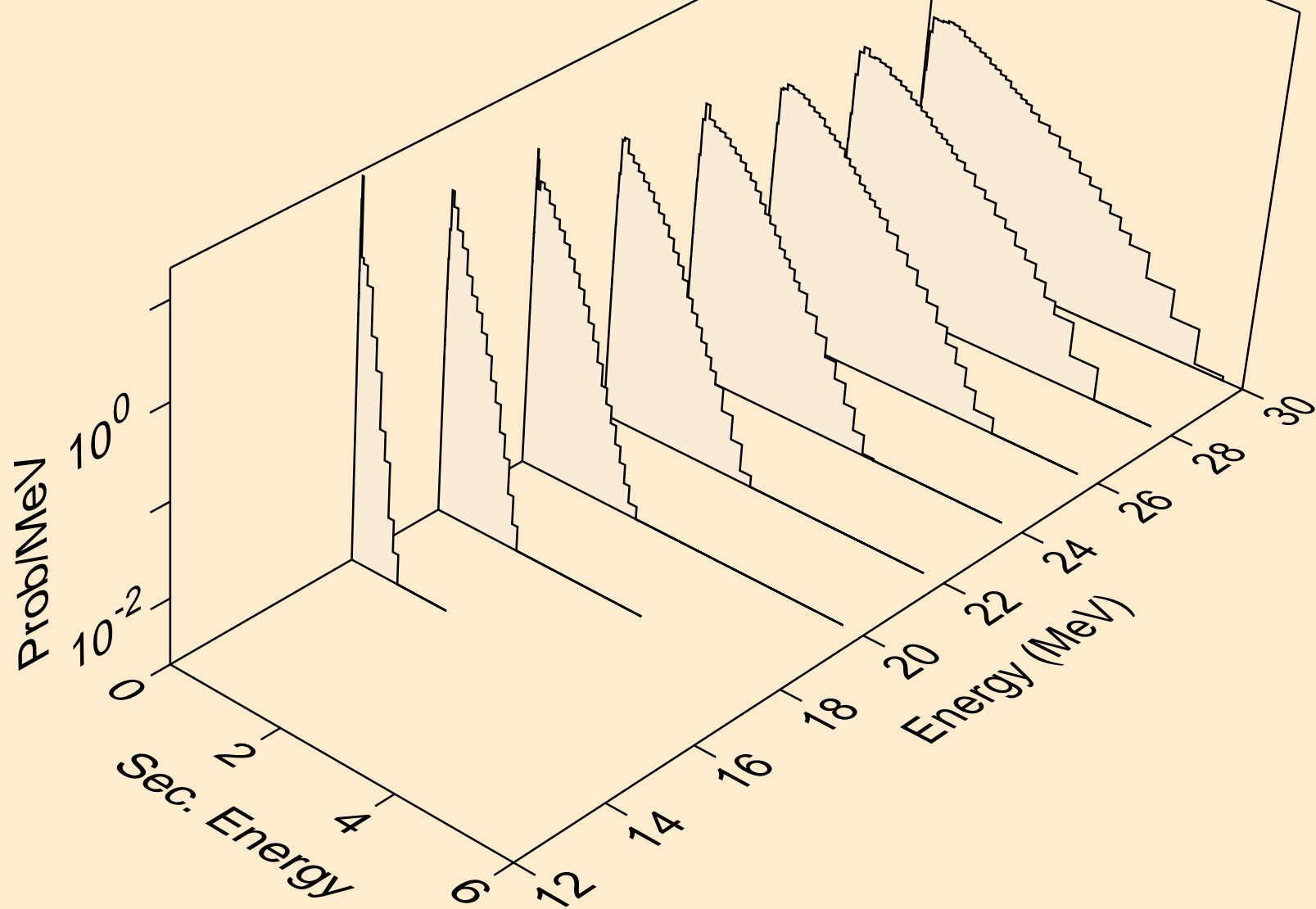


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

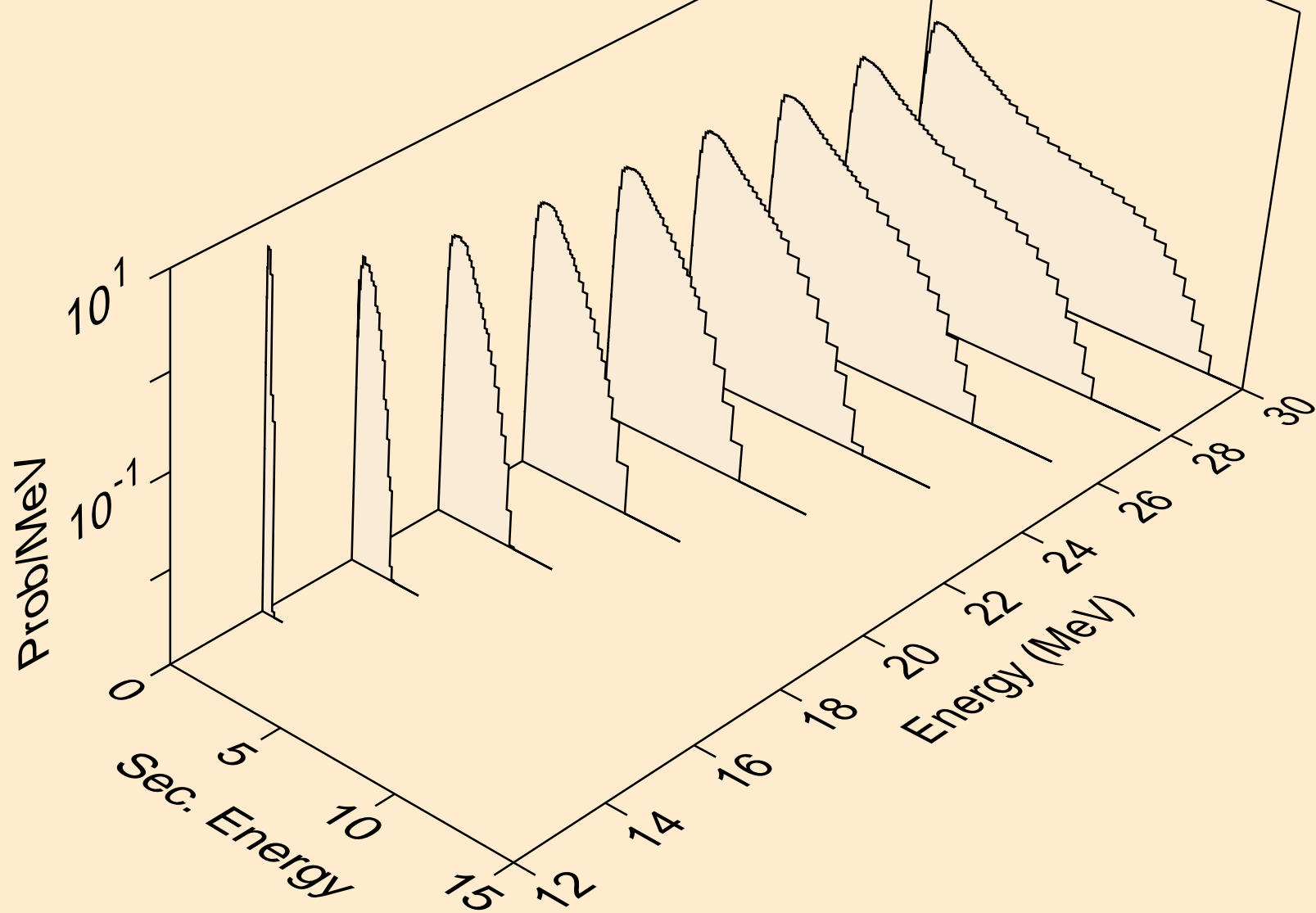




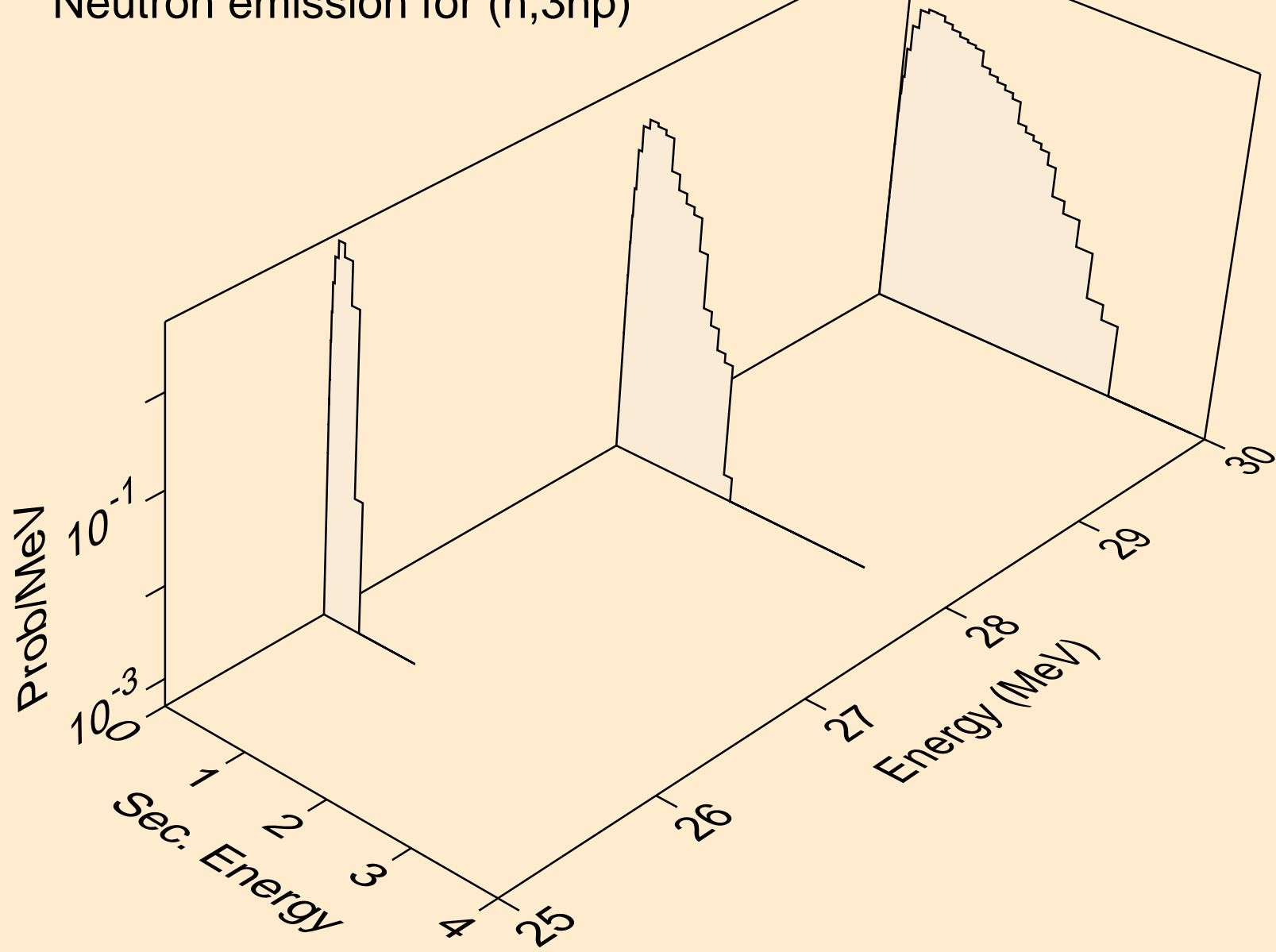
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



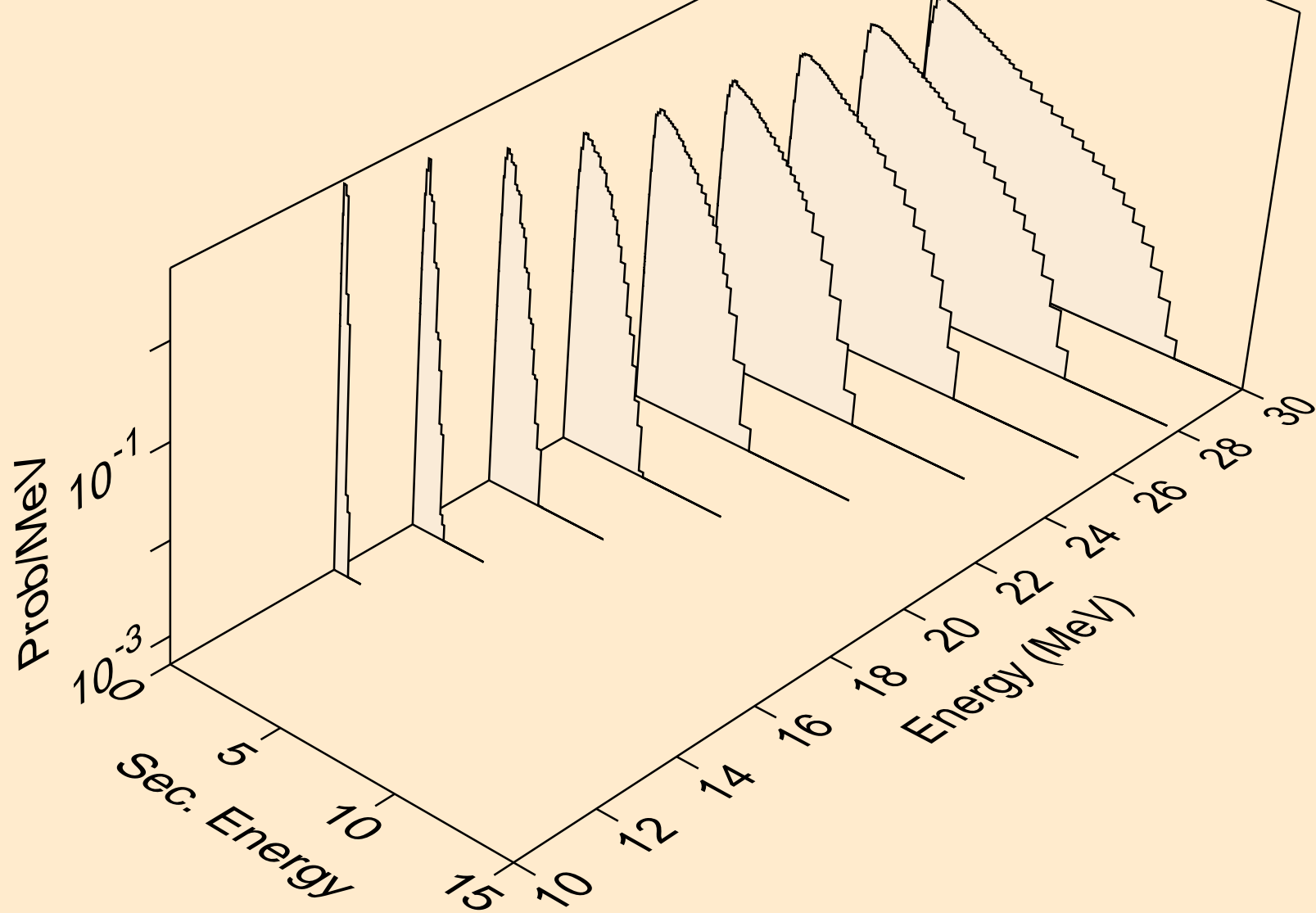
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



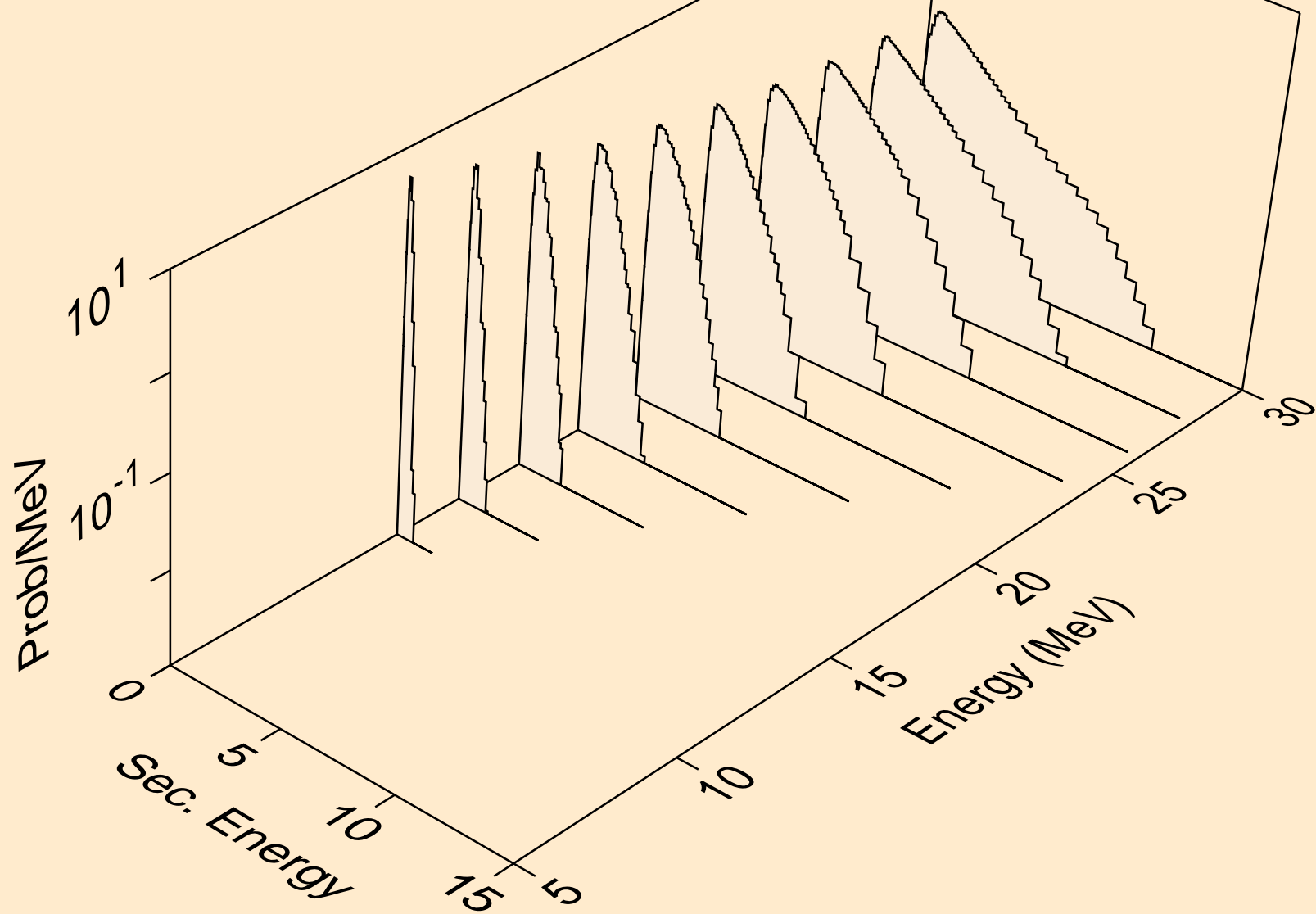
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Neutron emission for (n,3np)



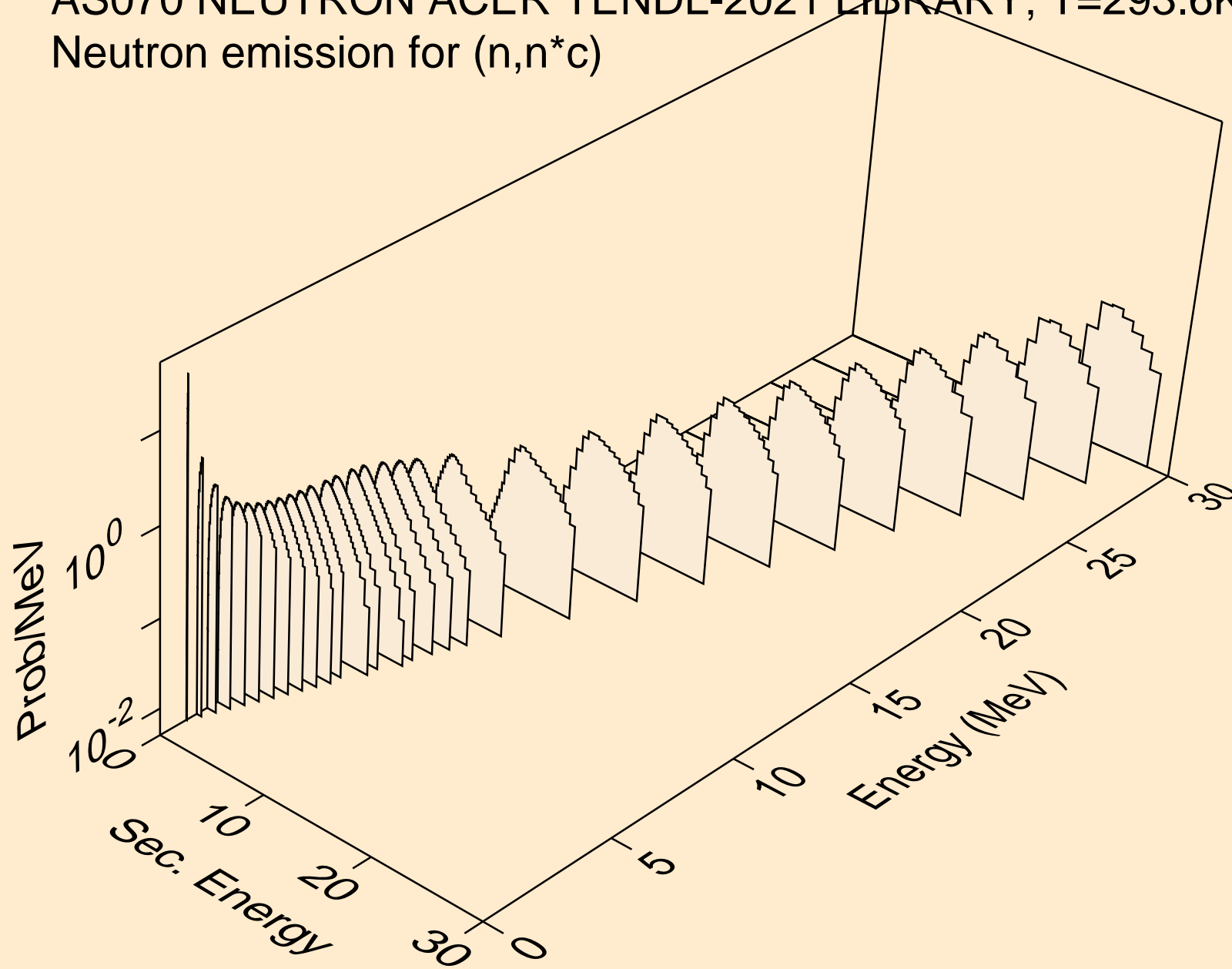
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



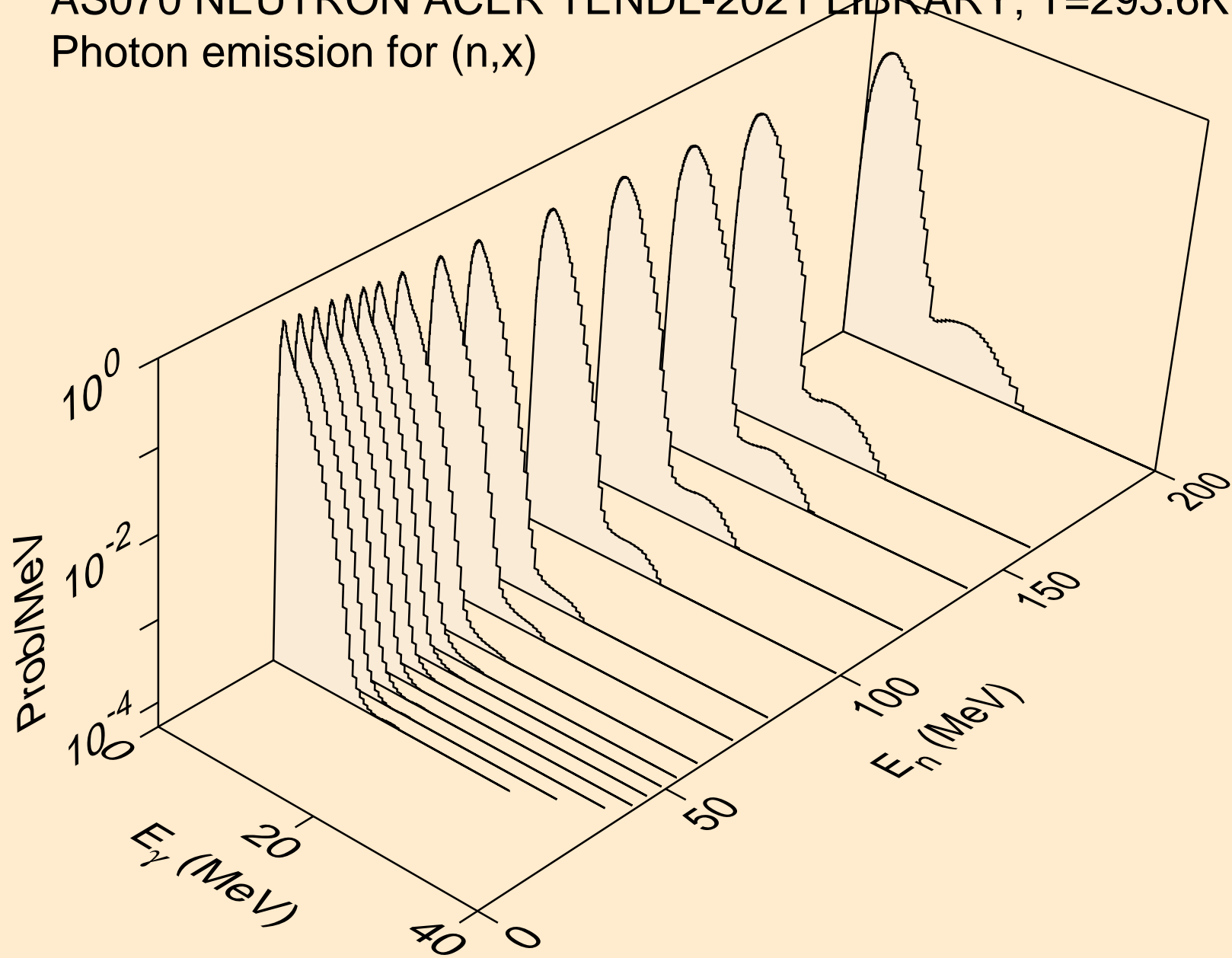
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



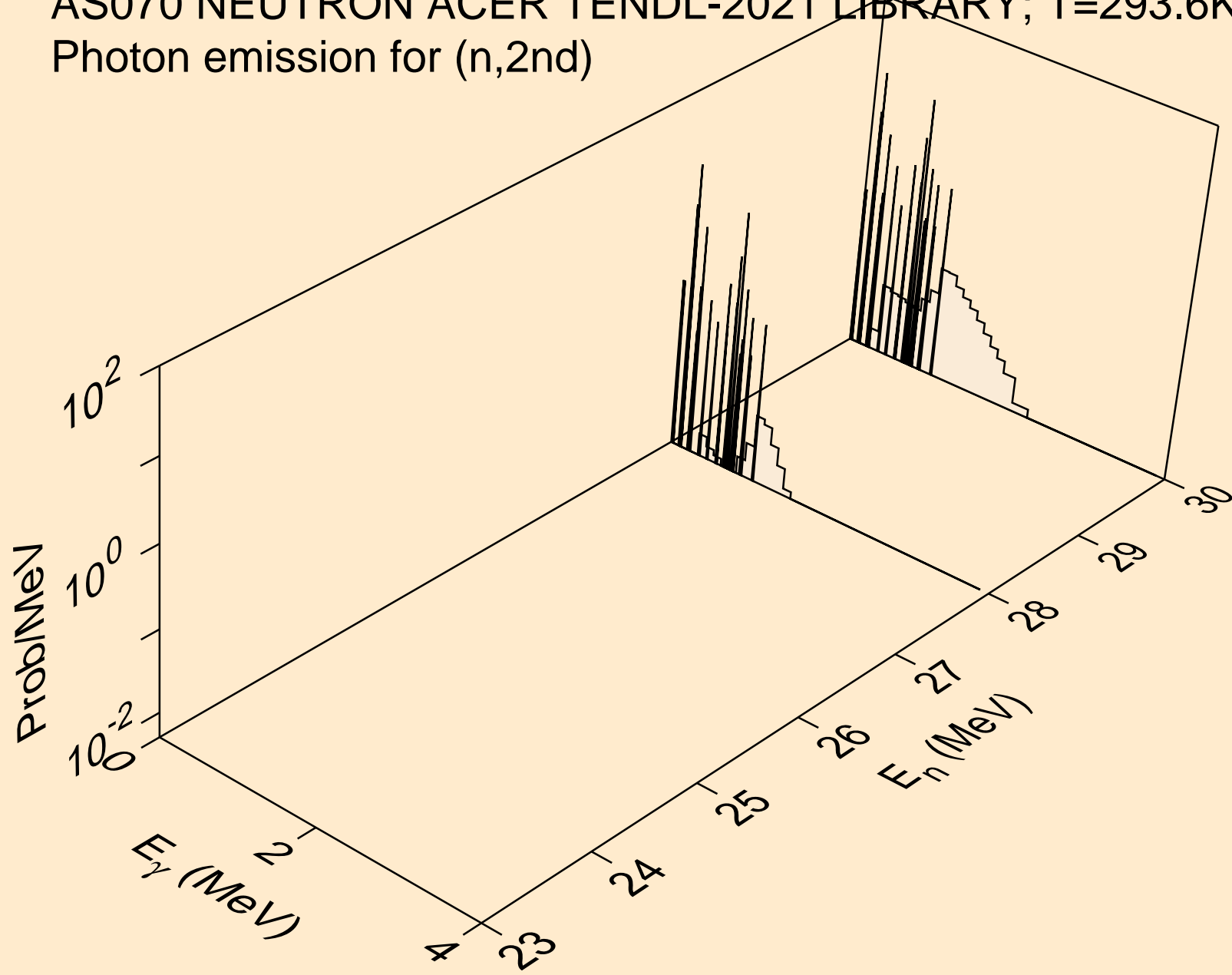
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

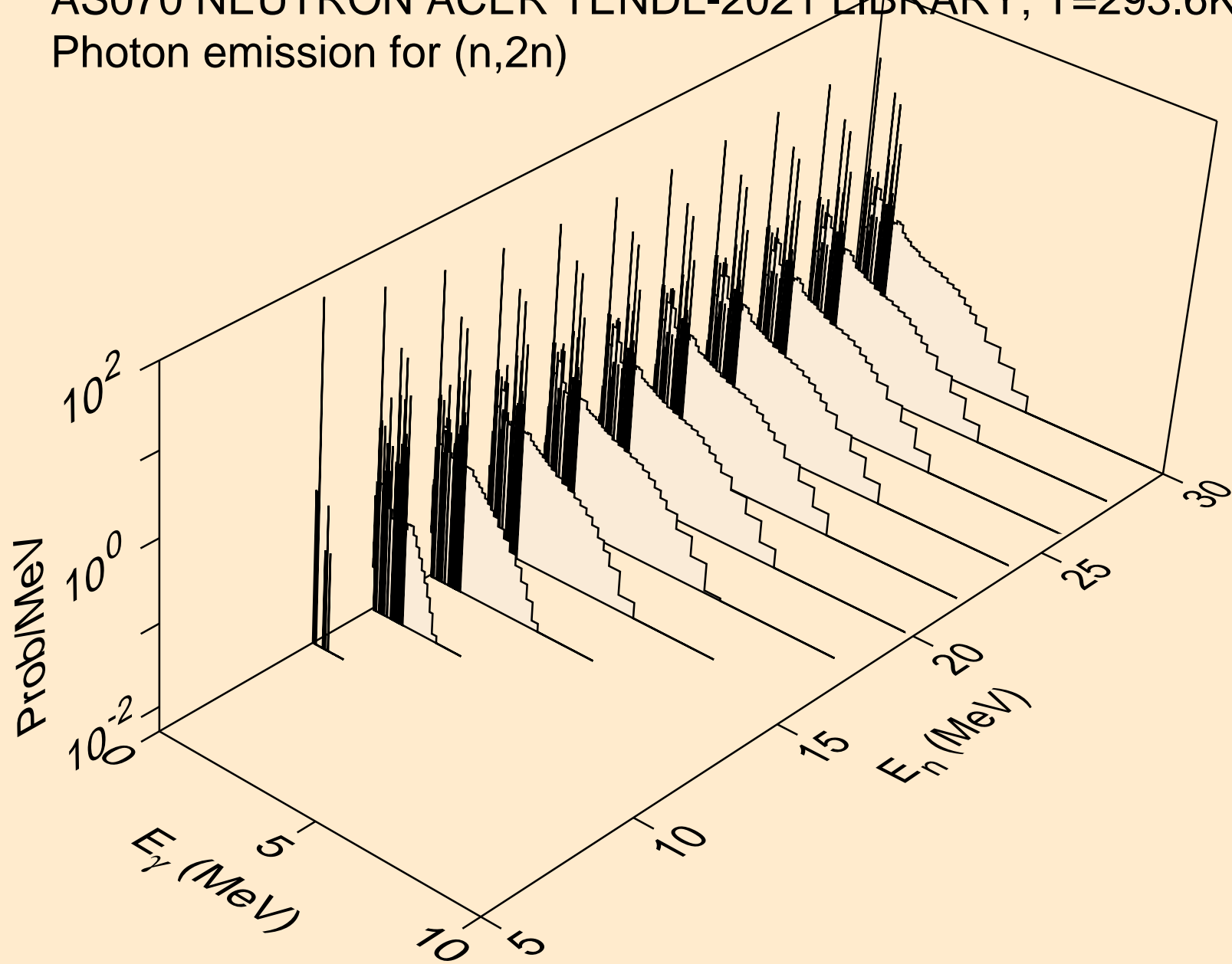


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

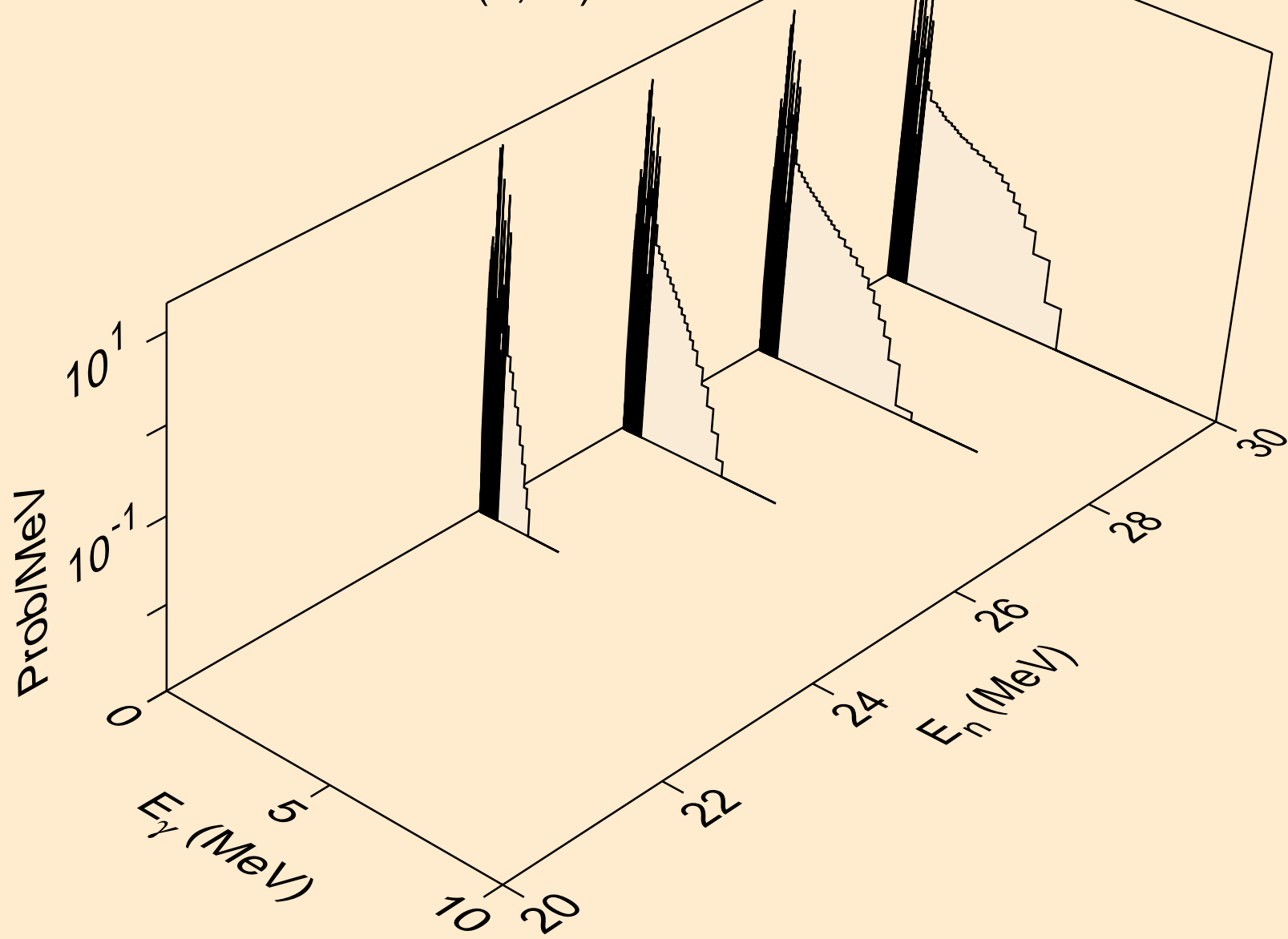




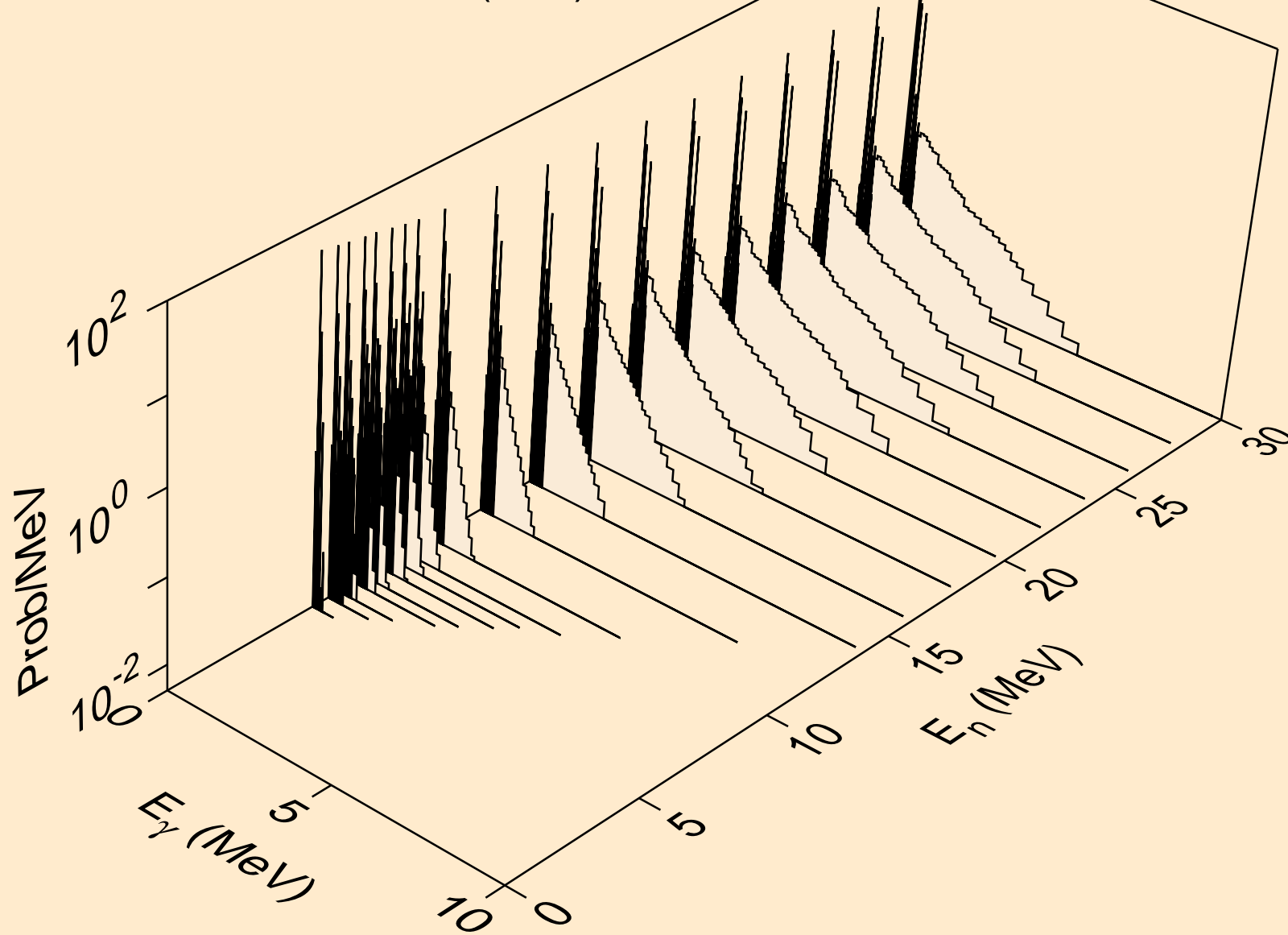
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Photon emission for (n,2n)



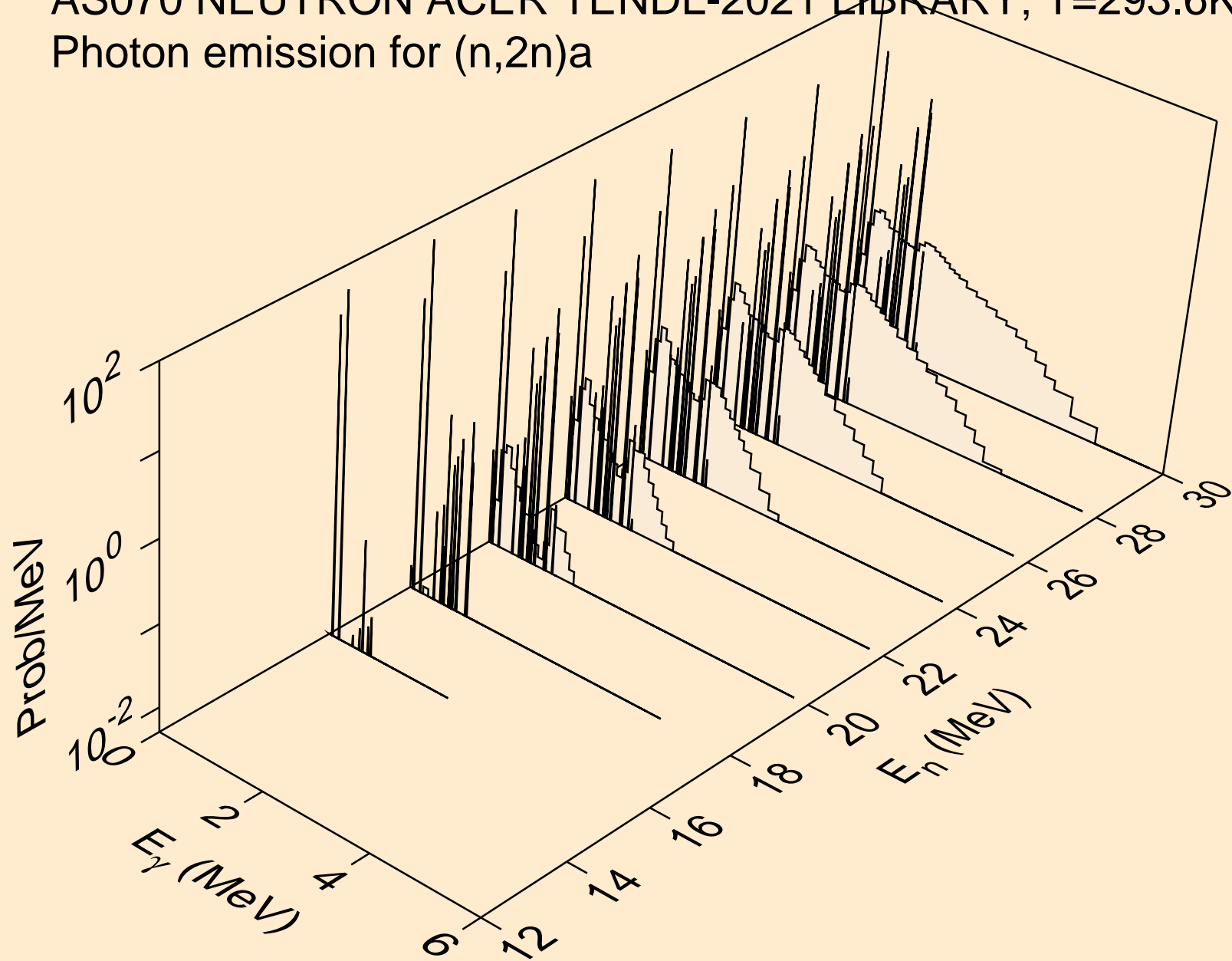
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Photon emission for (n,3n)



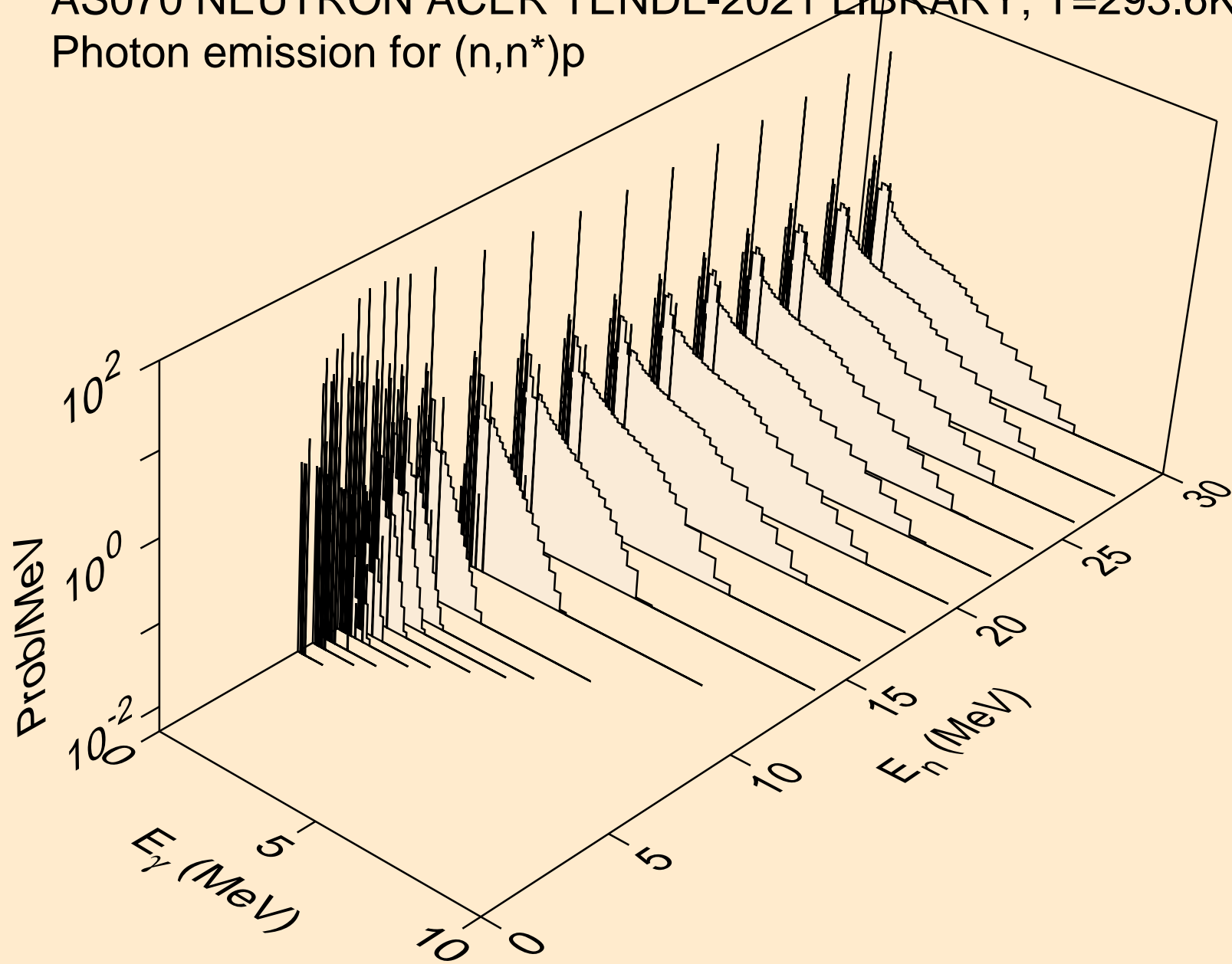
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Photon emission for (n,n\*)a



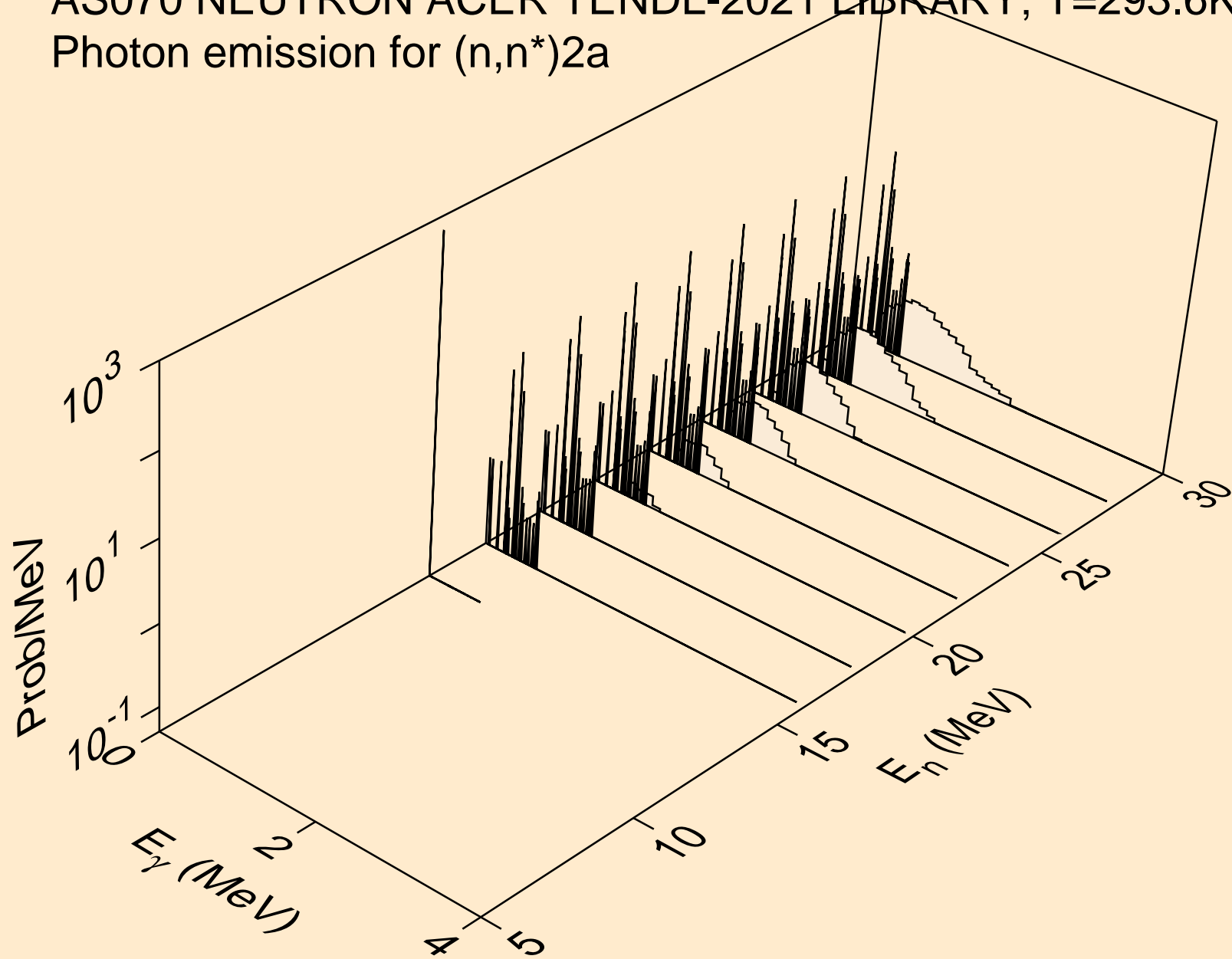
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Photon emission for (n,2n)a



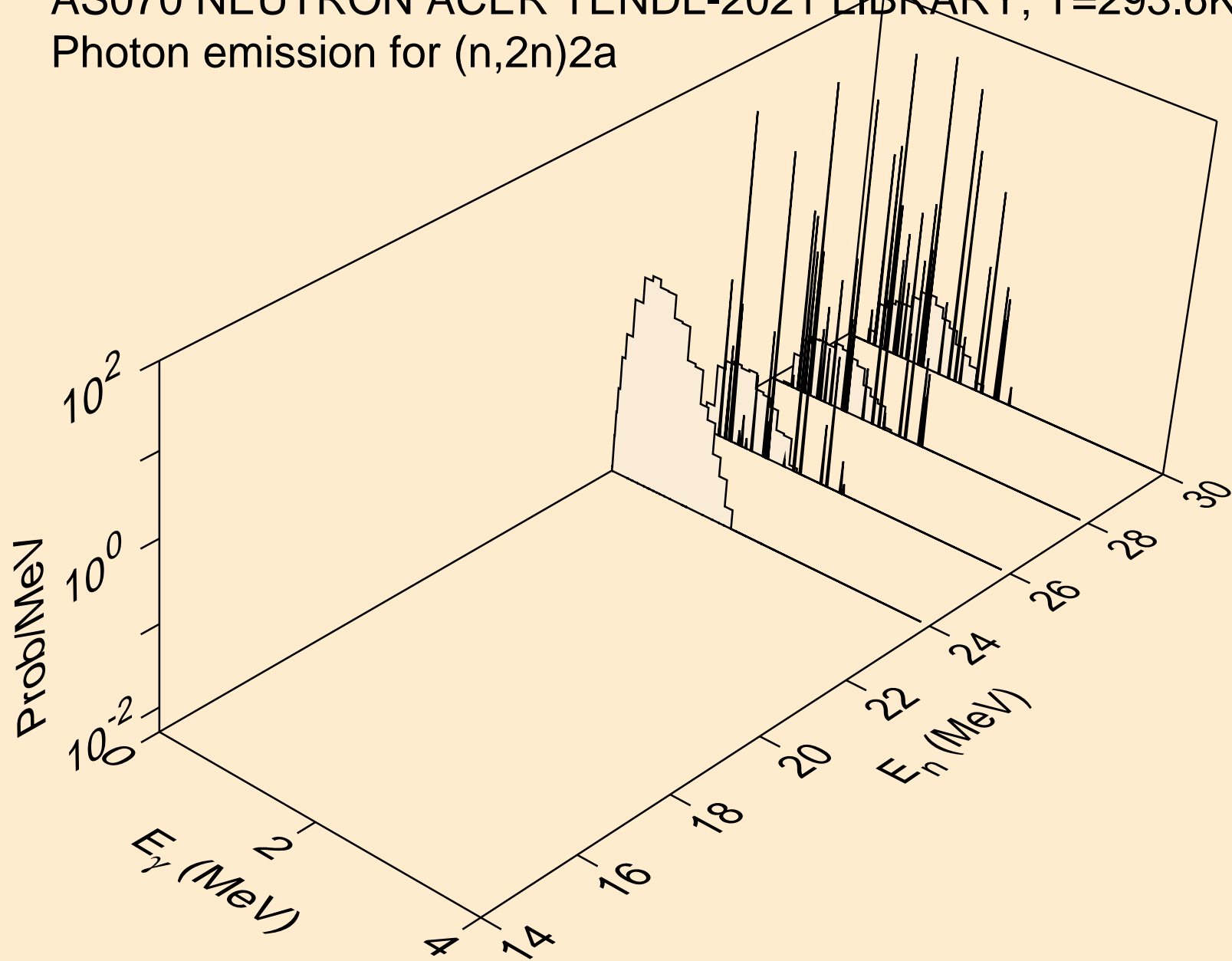
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Photon emission for (n,n\*)p



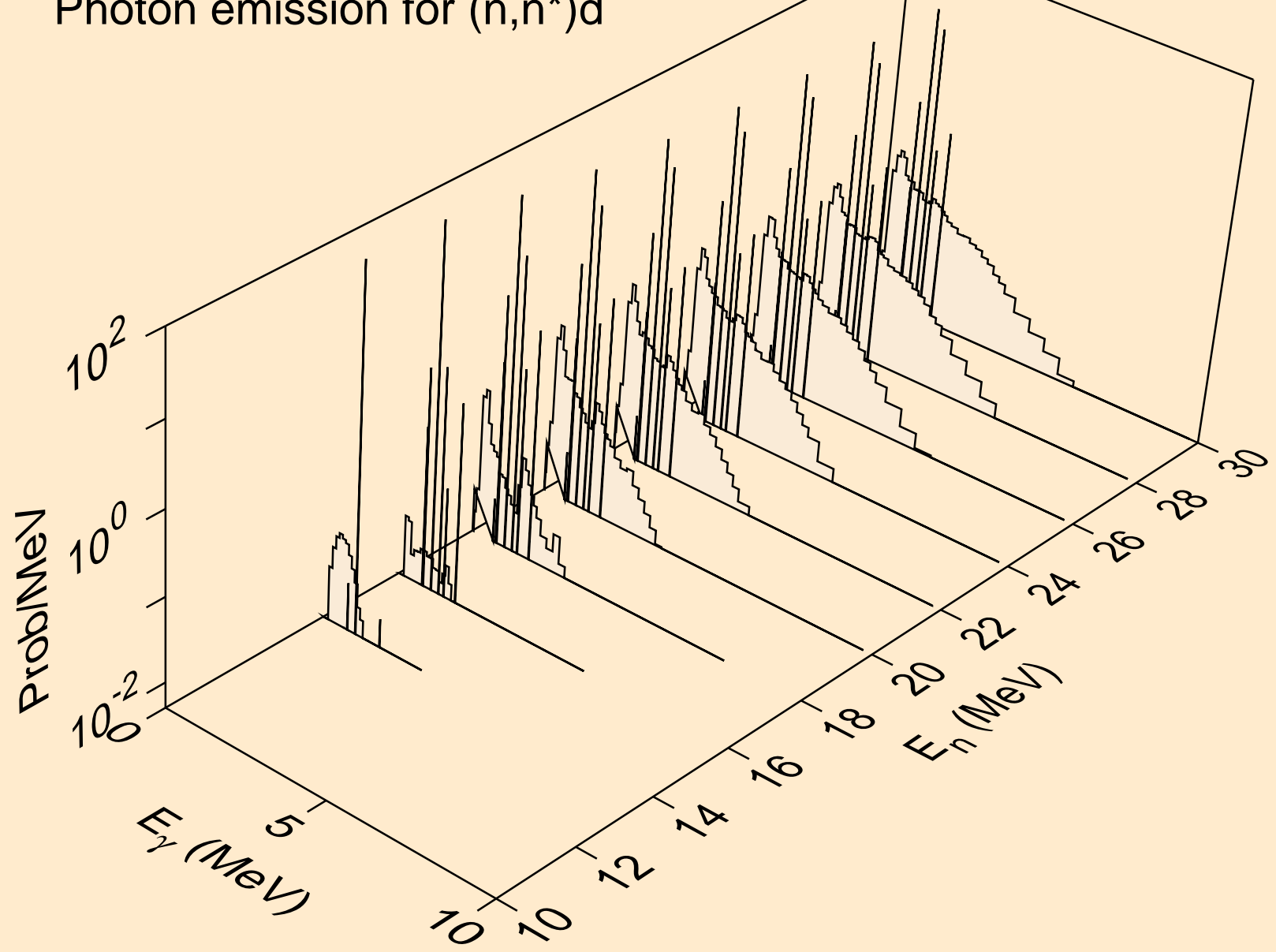
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a

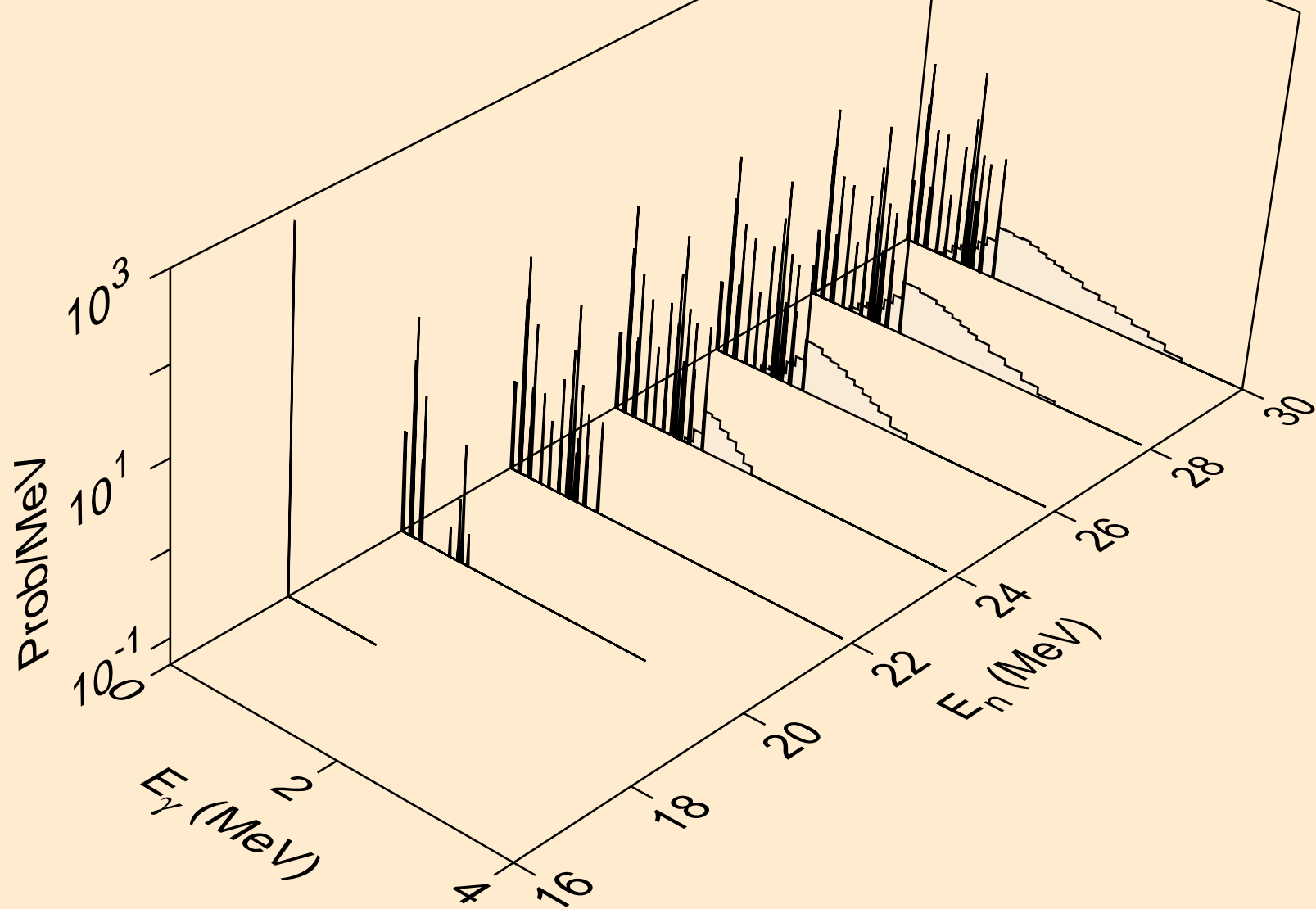


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

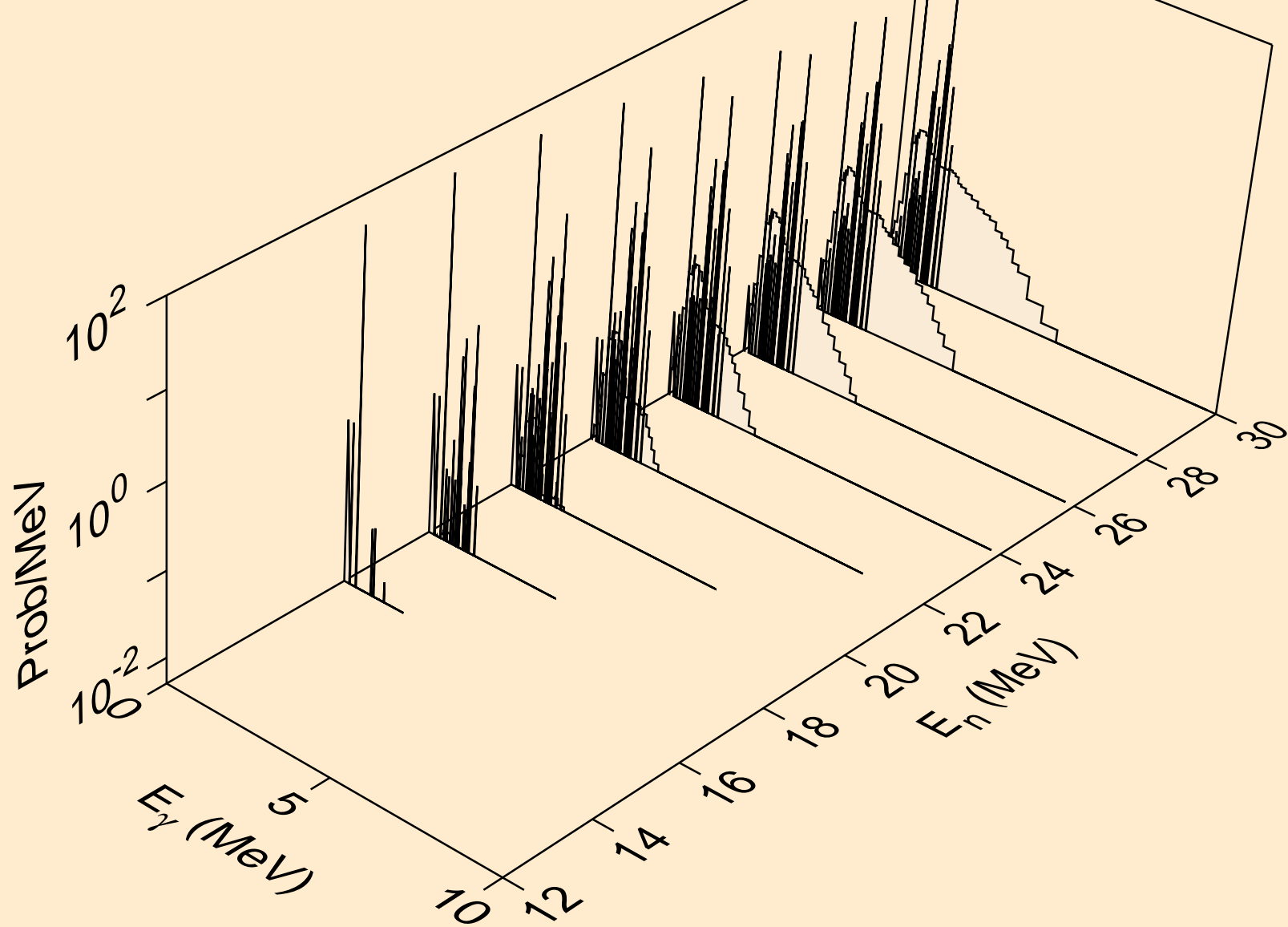




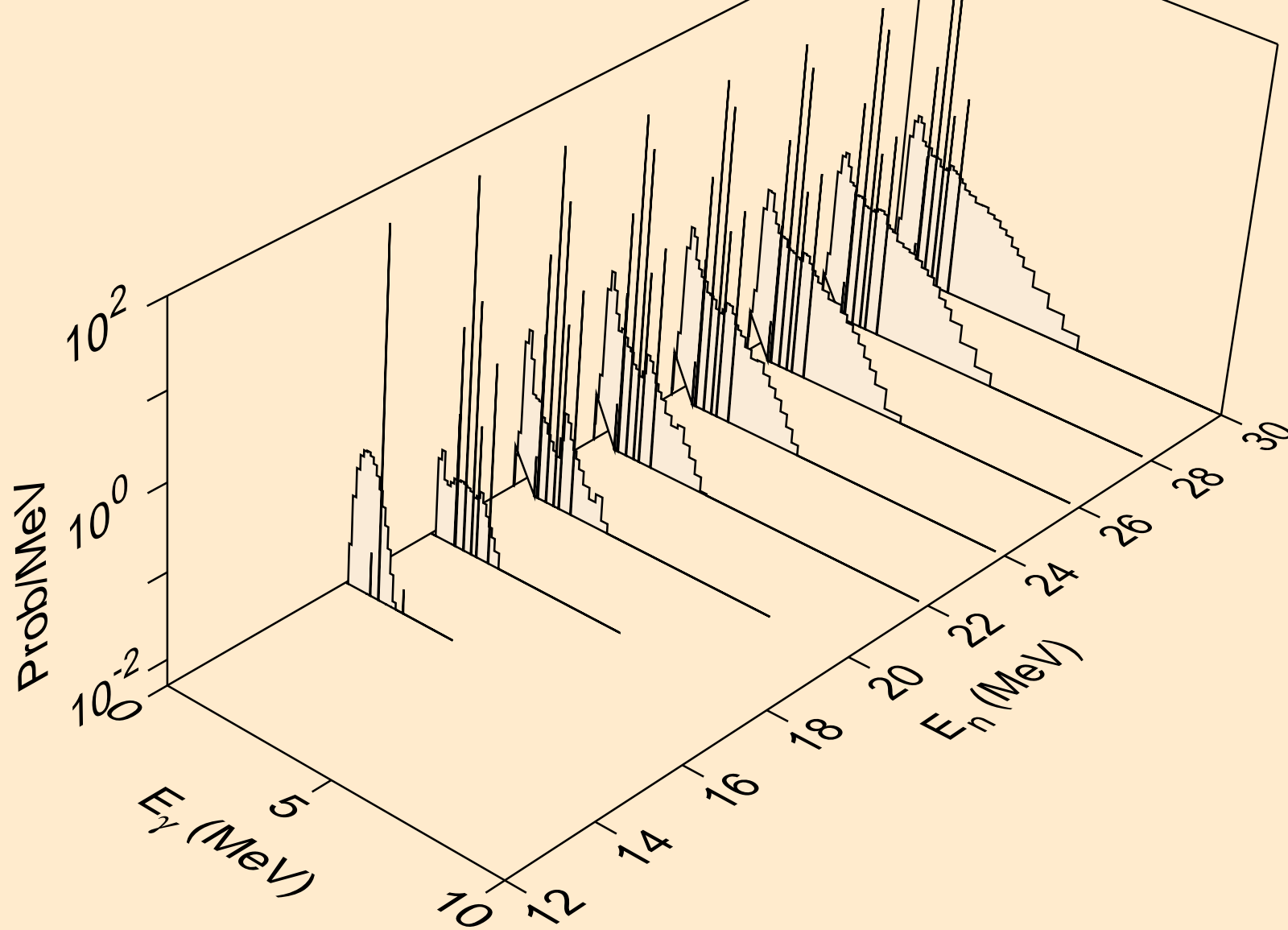
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Photon emission for (n,n\*)t



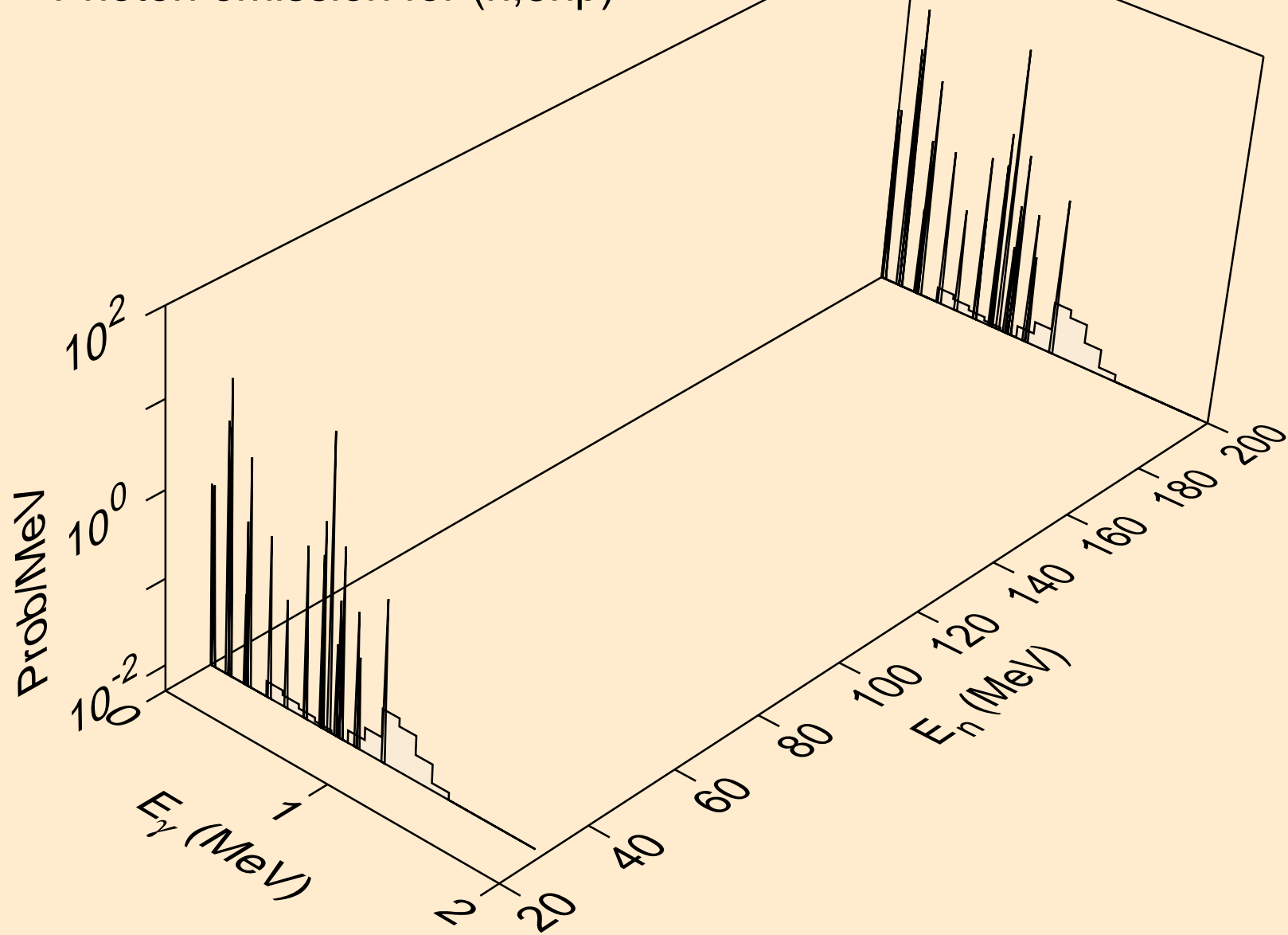
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Photon emission for (n,n\*)he3



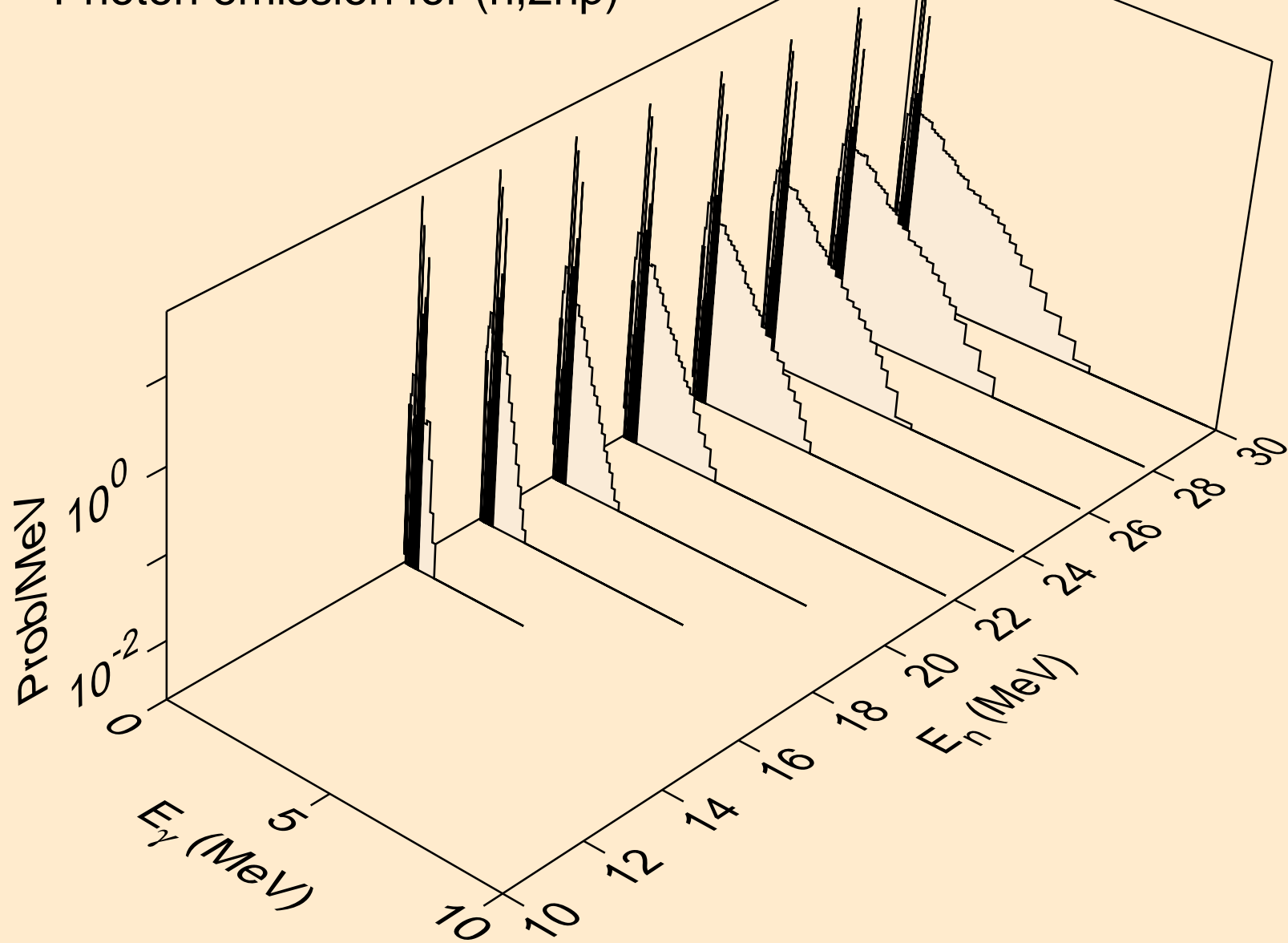
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Photon emission for (n,2np)



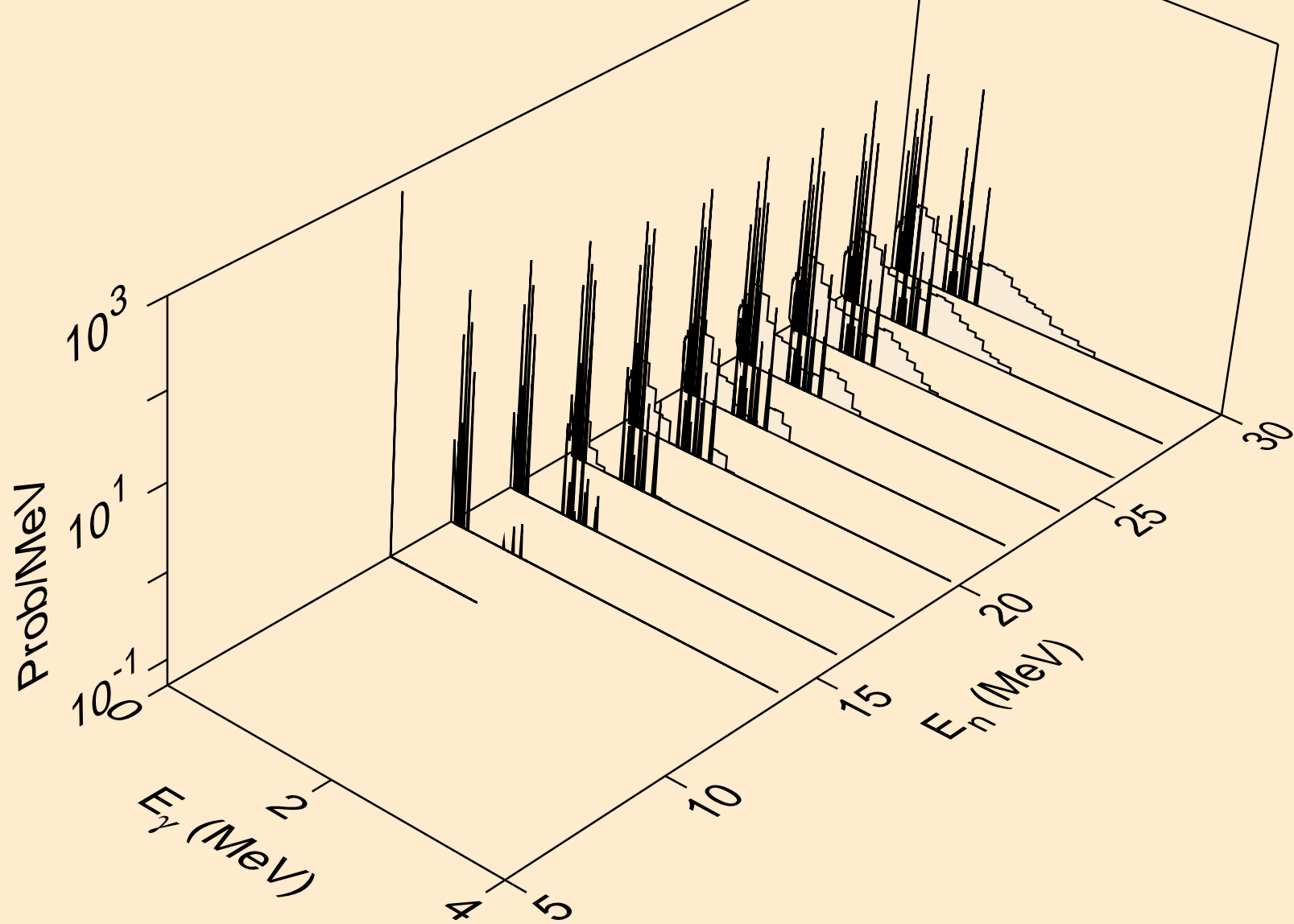
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Photon emission for (n,3np)



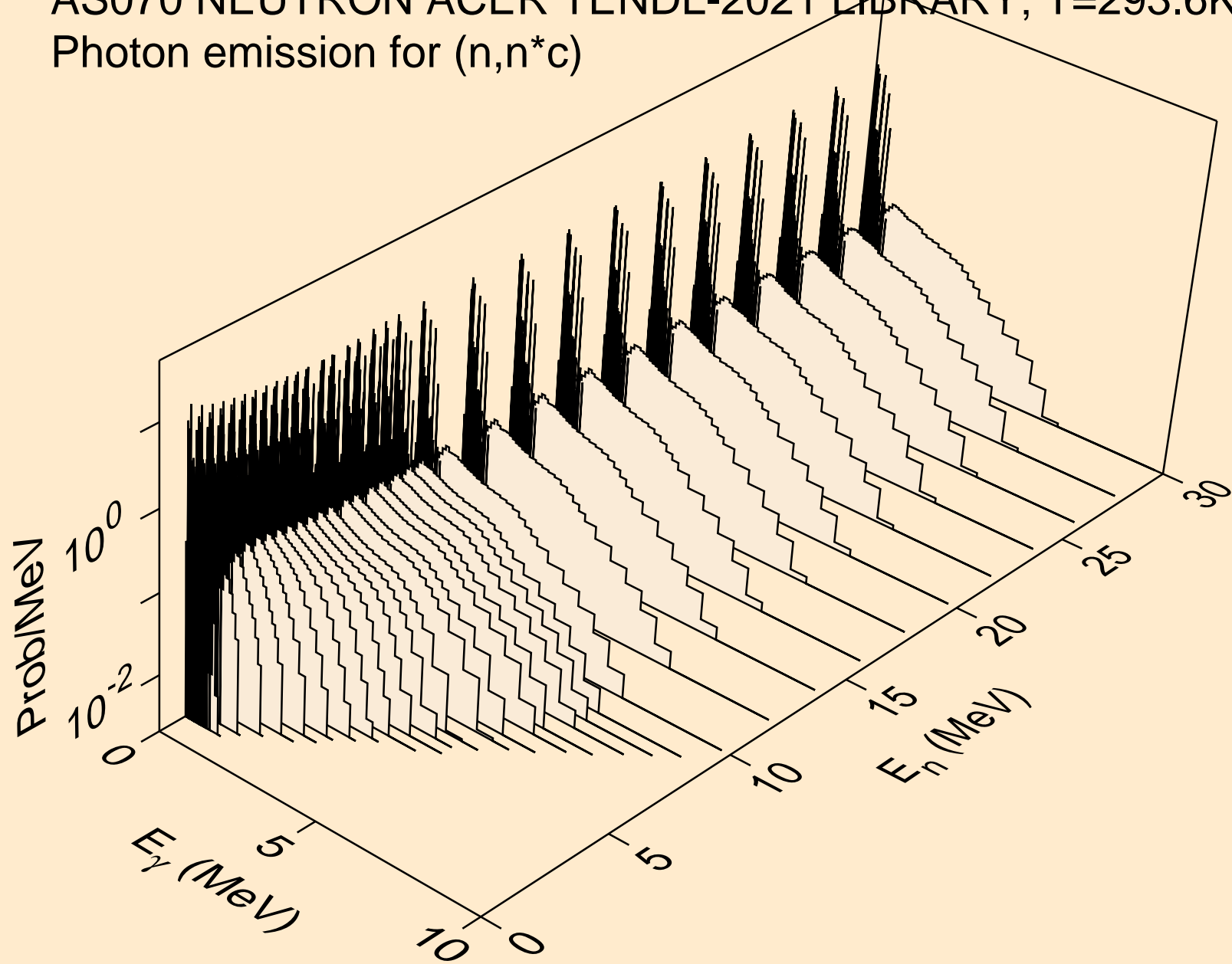
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Photon emission for (n,2np)



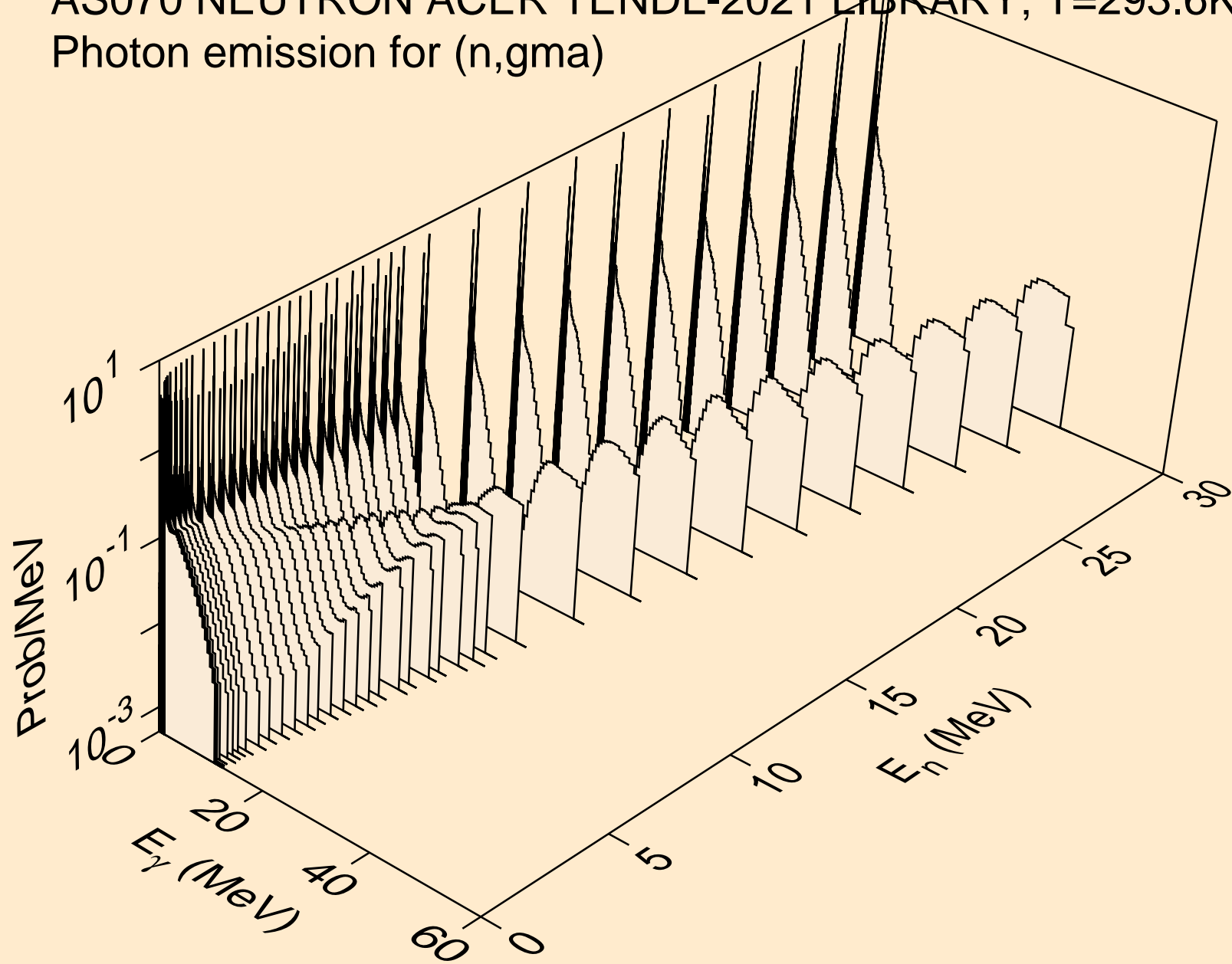
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

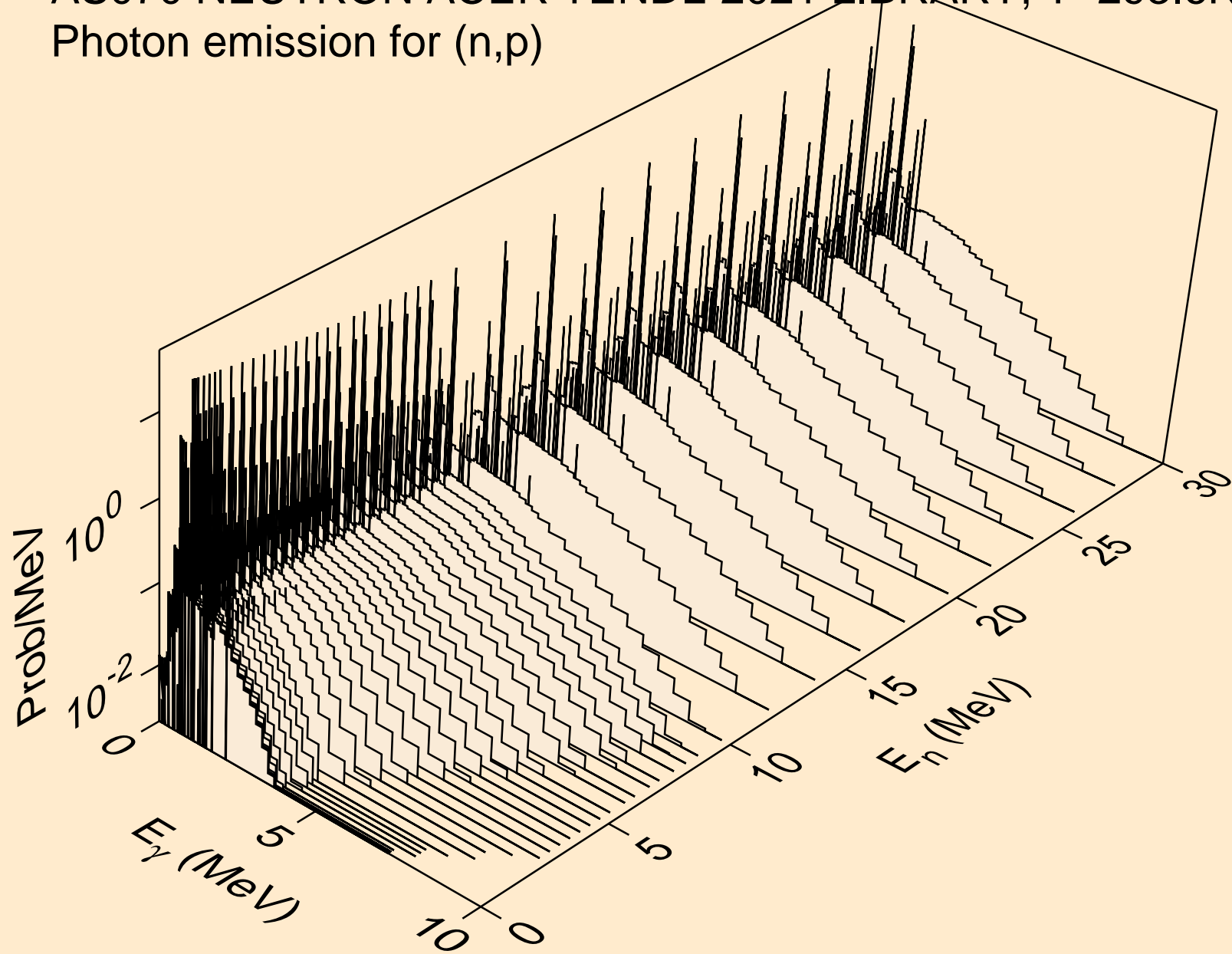


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Photon emission for (n,gma)

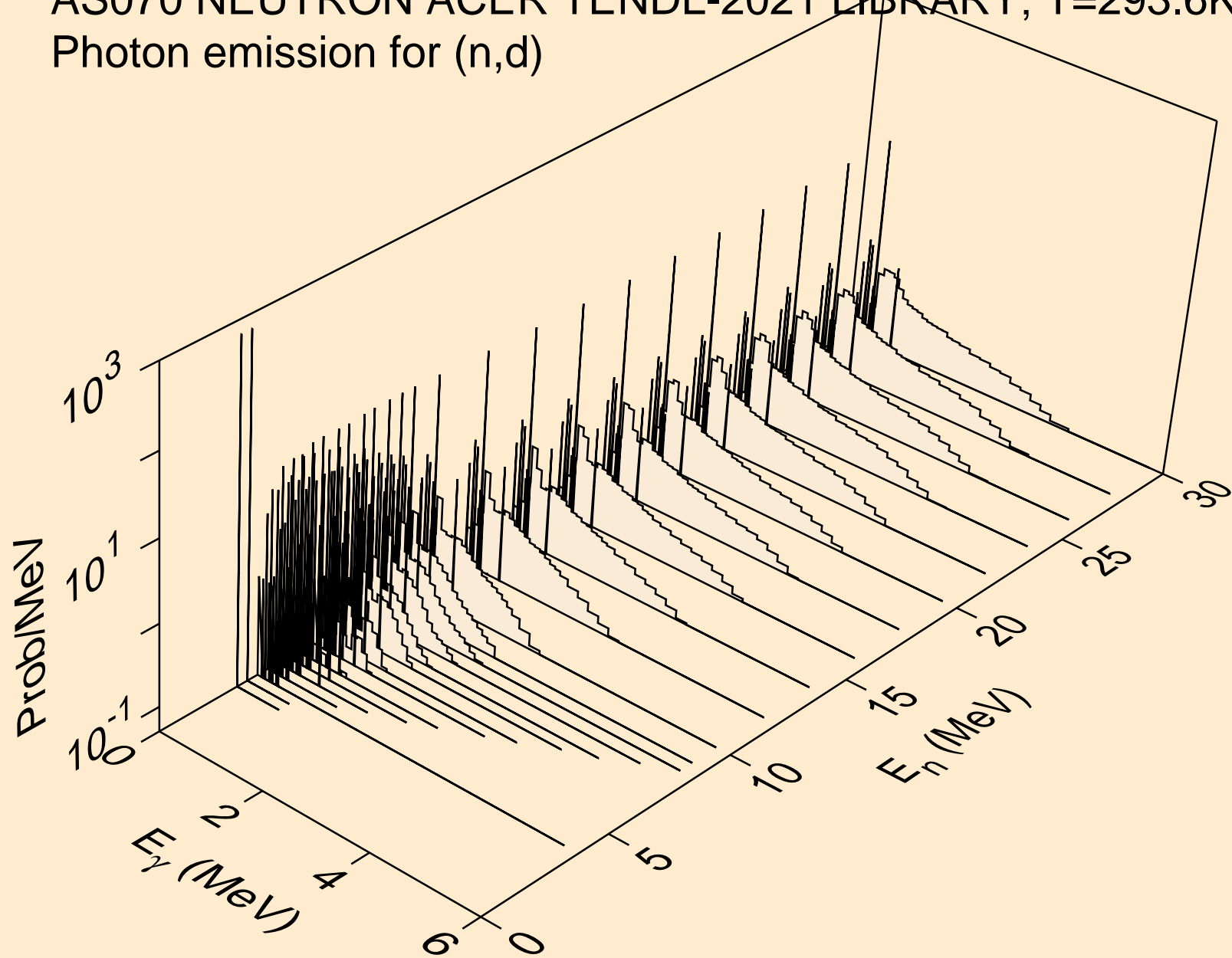




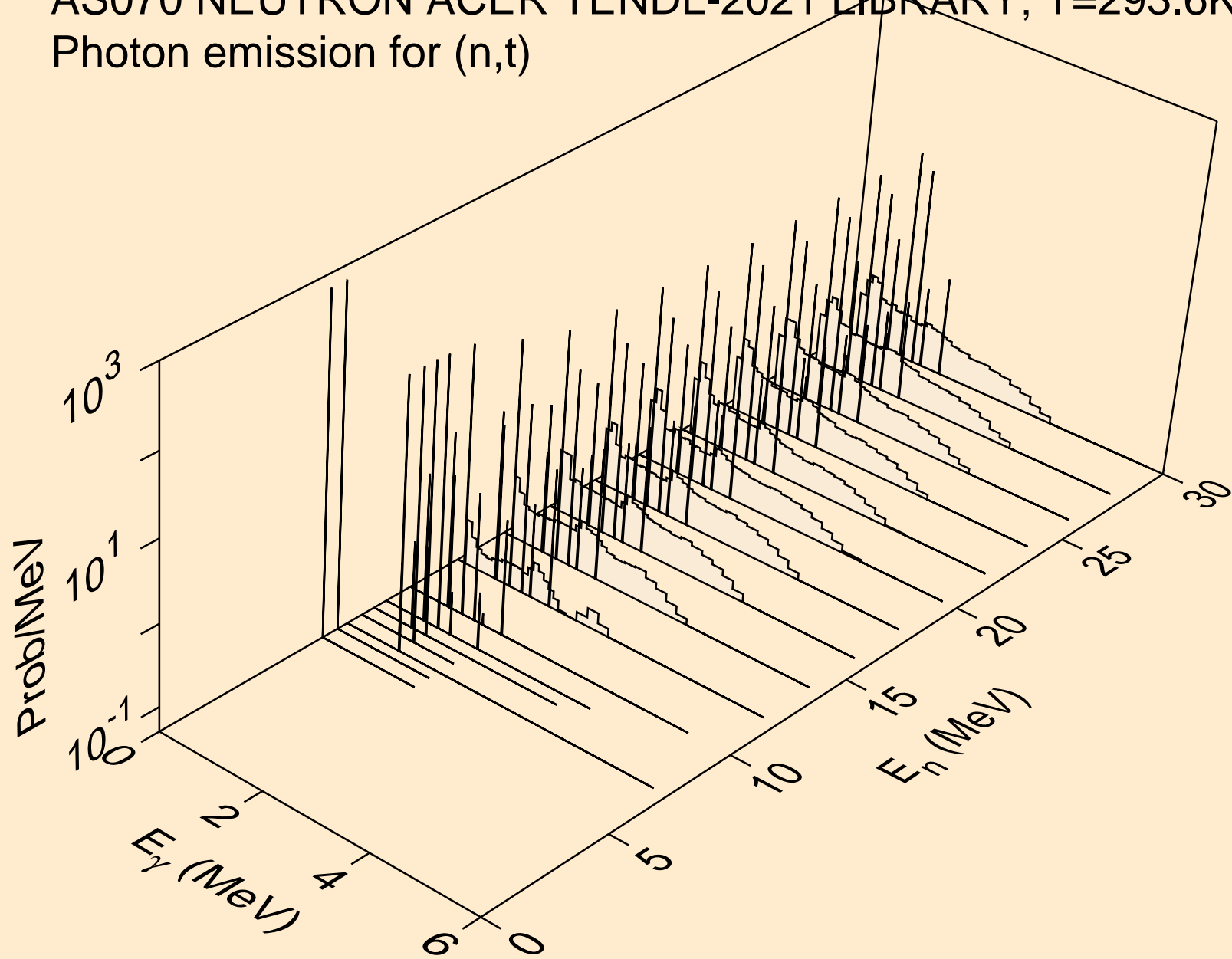
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Photon emission for (n,p)



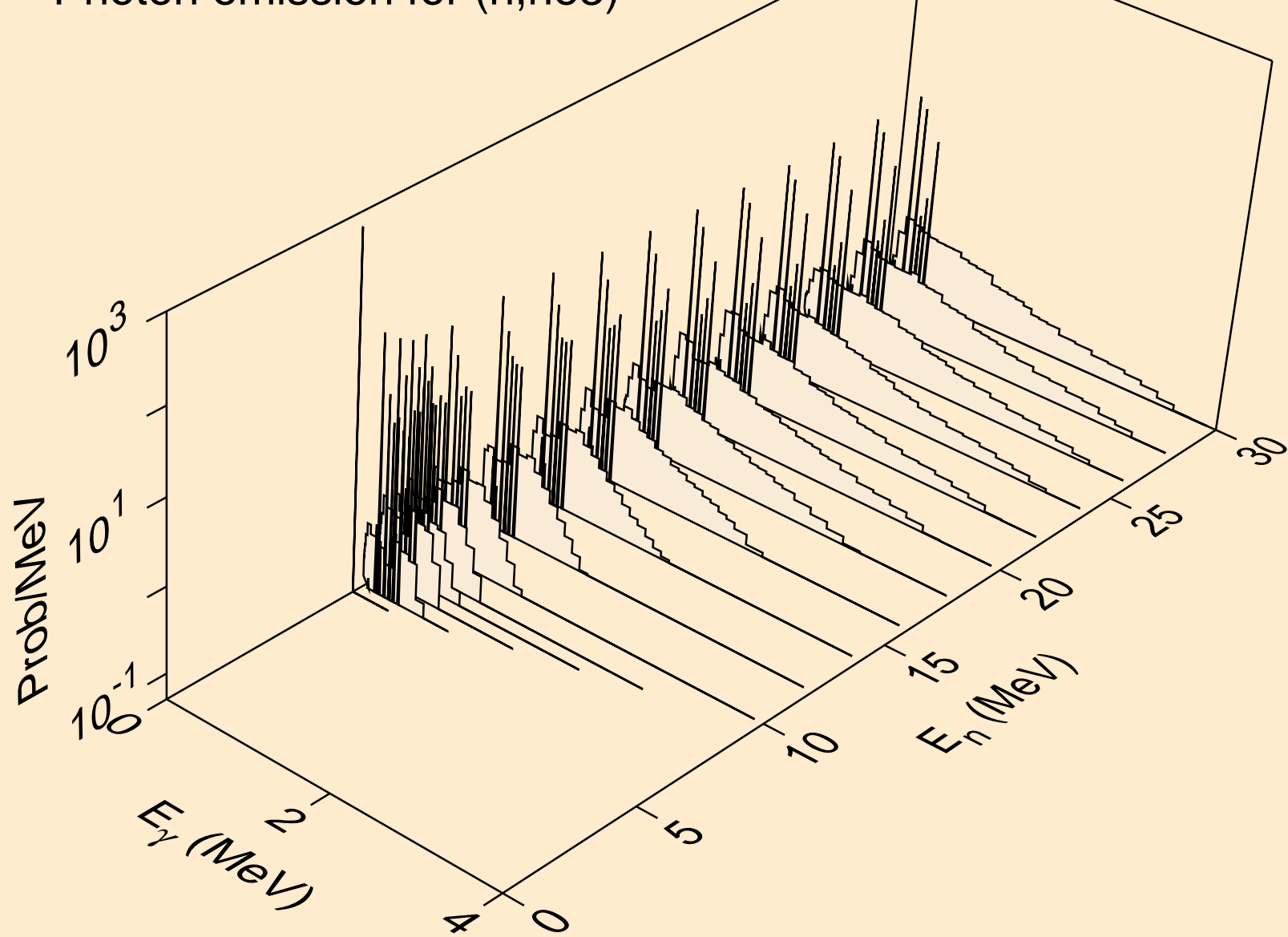
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Photon emission for (n,d)



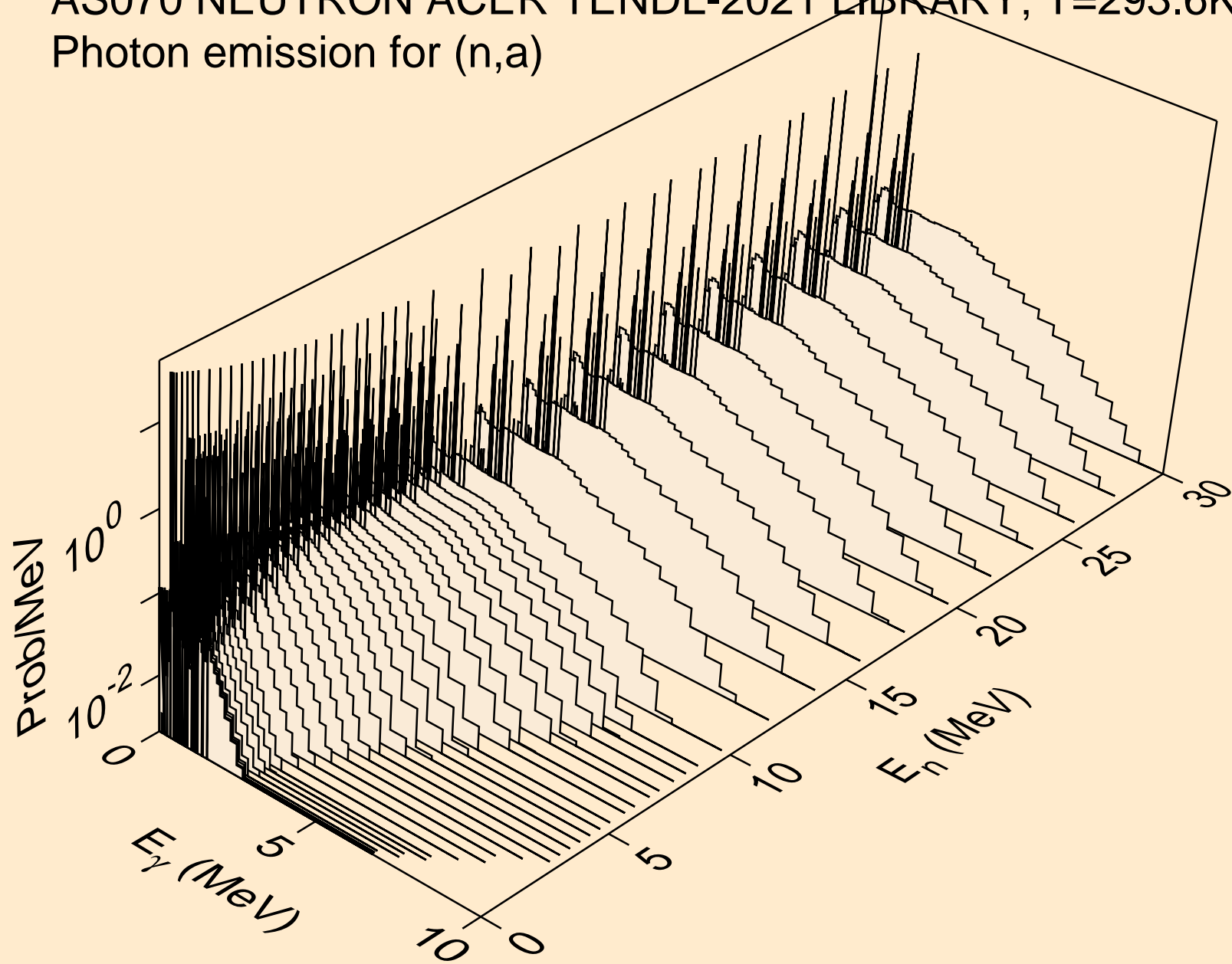
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Photon emission for (n,t)



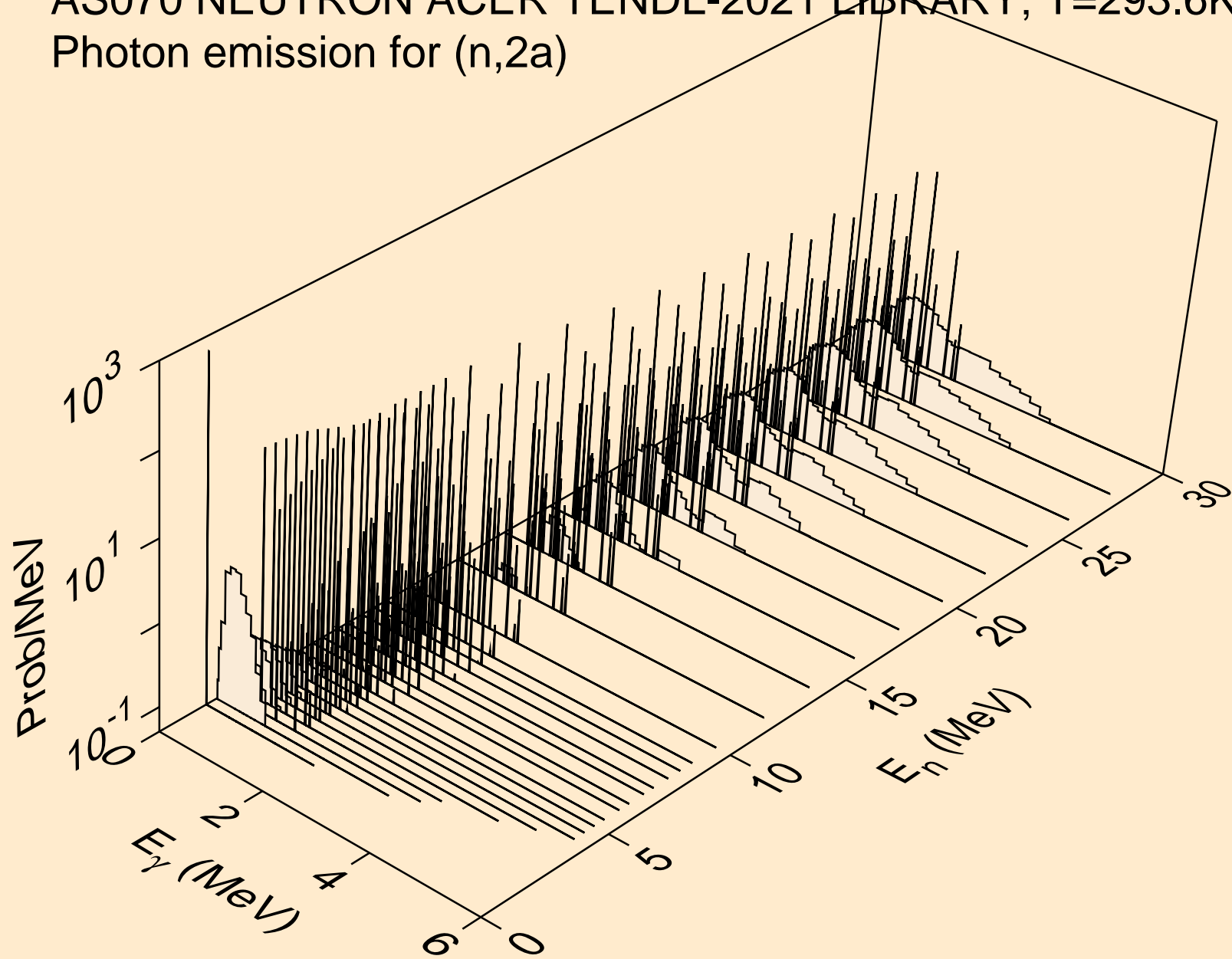
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Photon emission for (n,he3)



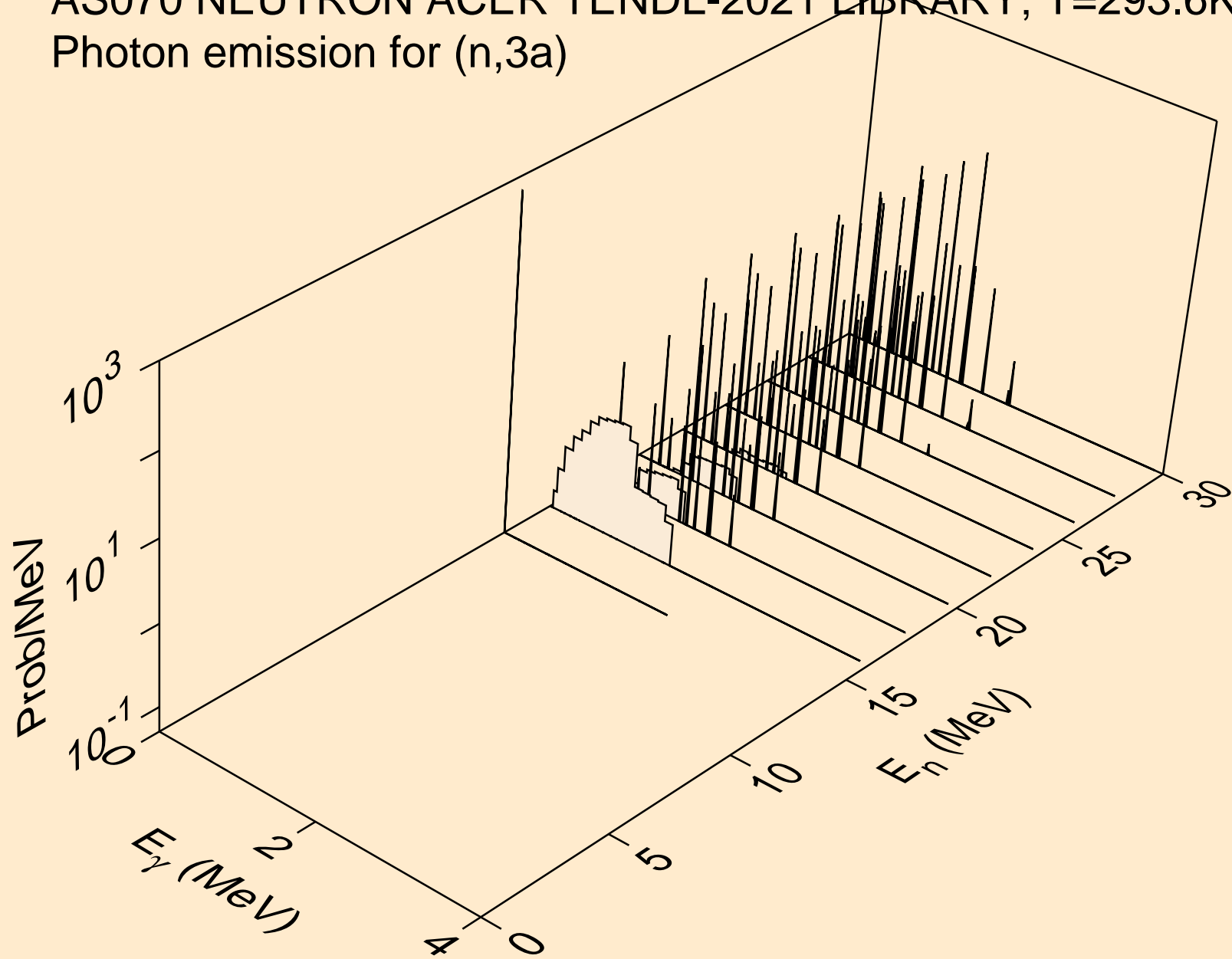
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Photon emission for (n,a)



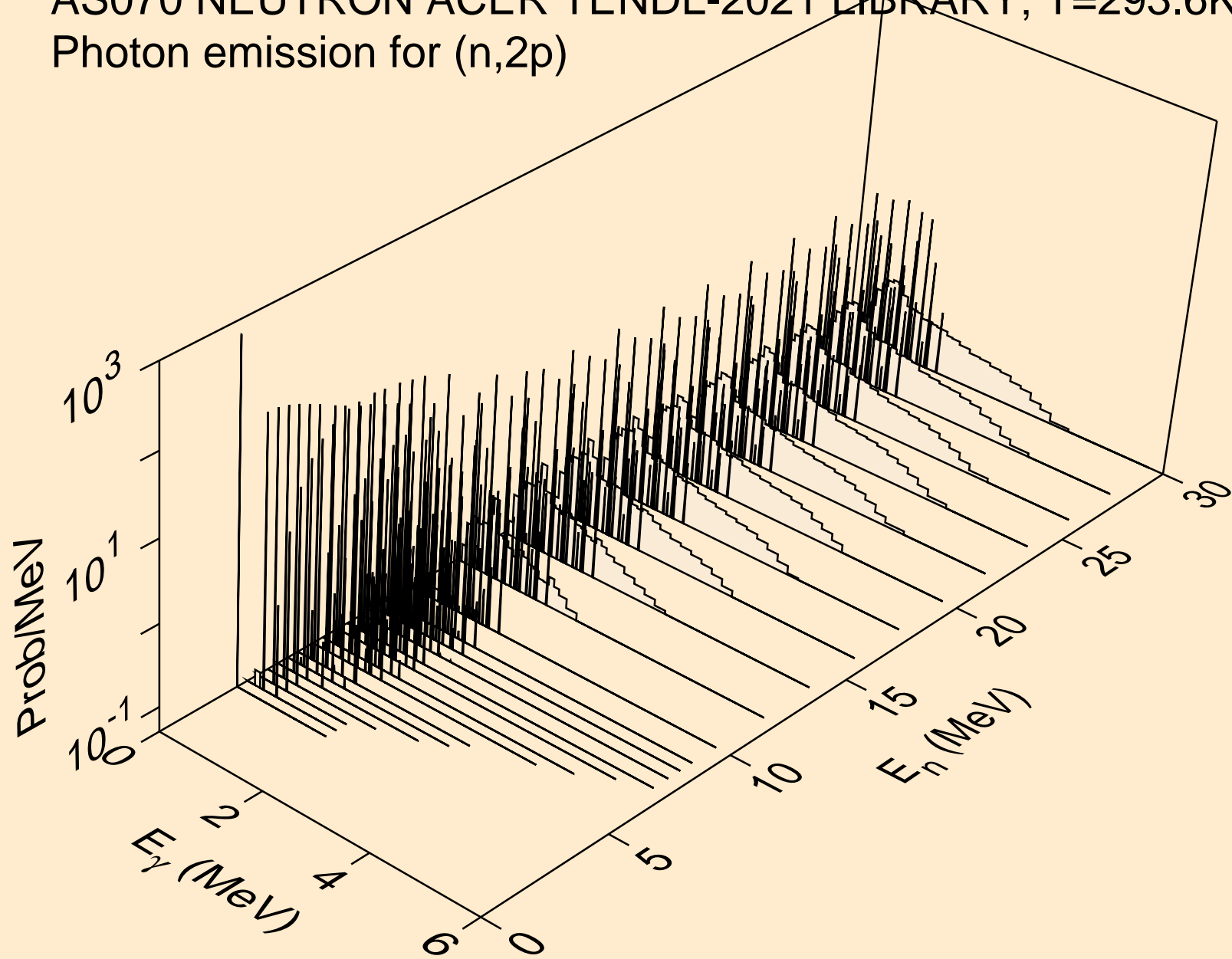
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)

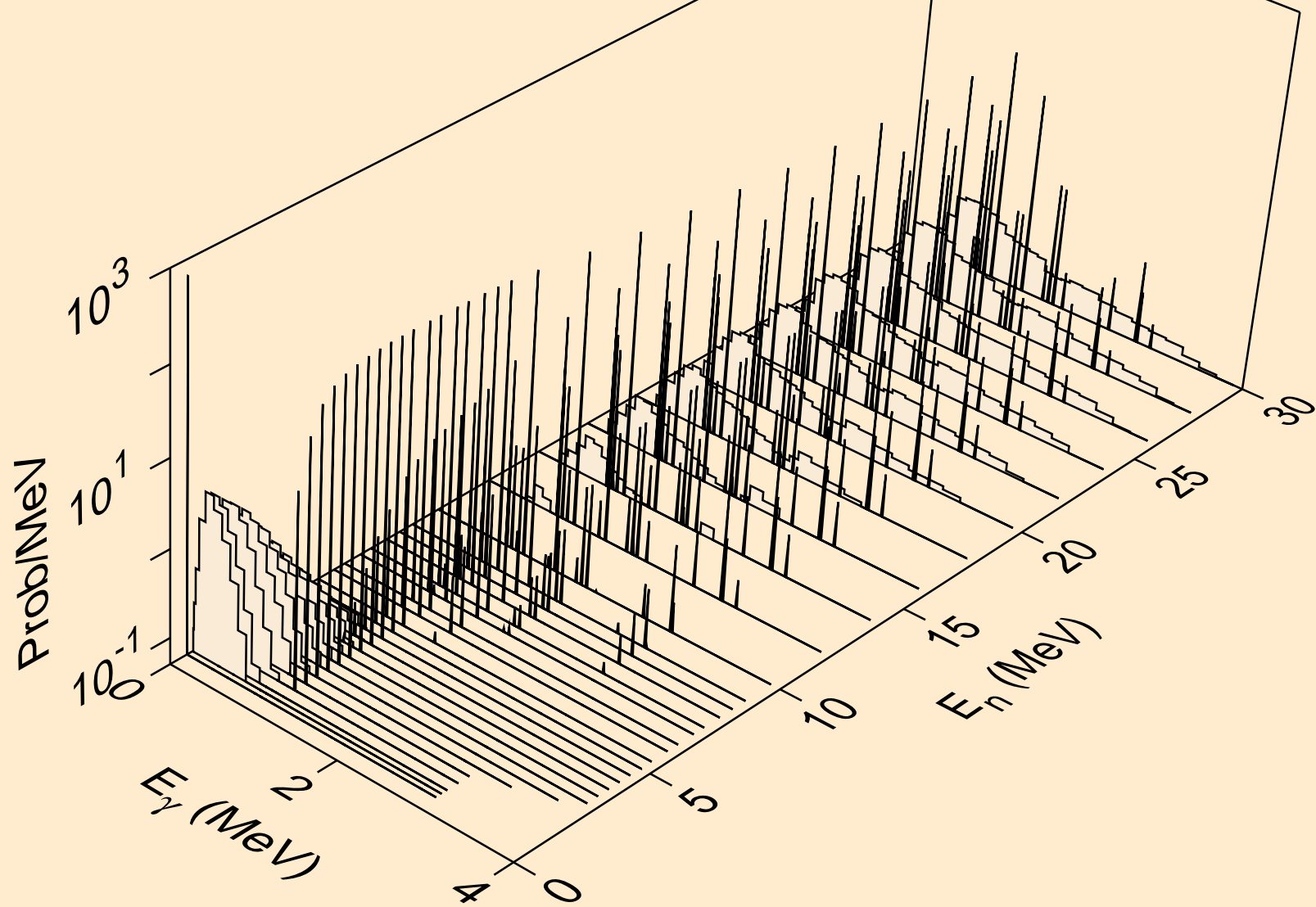


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Photon emission for (n,2p)

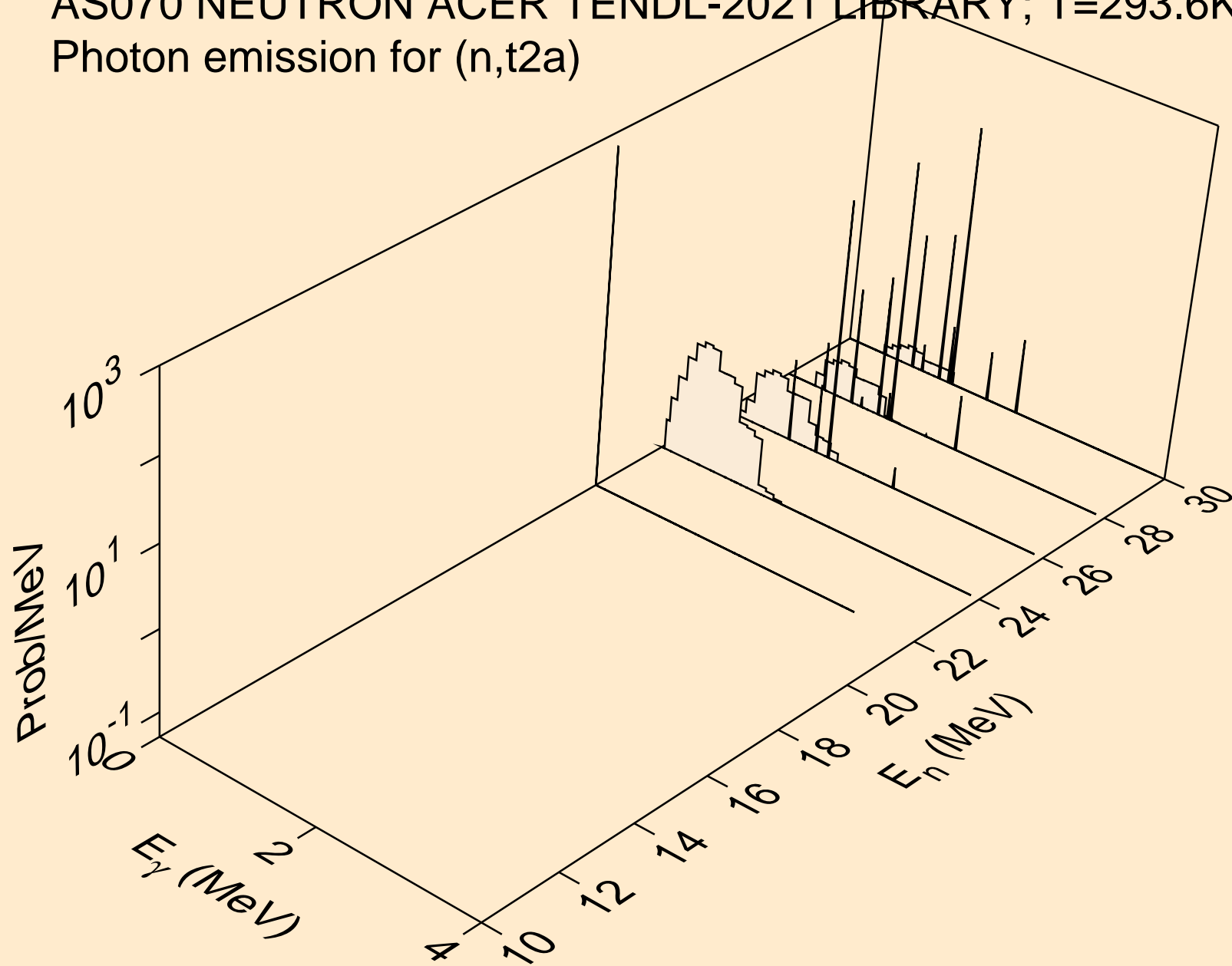




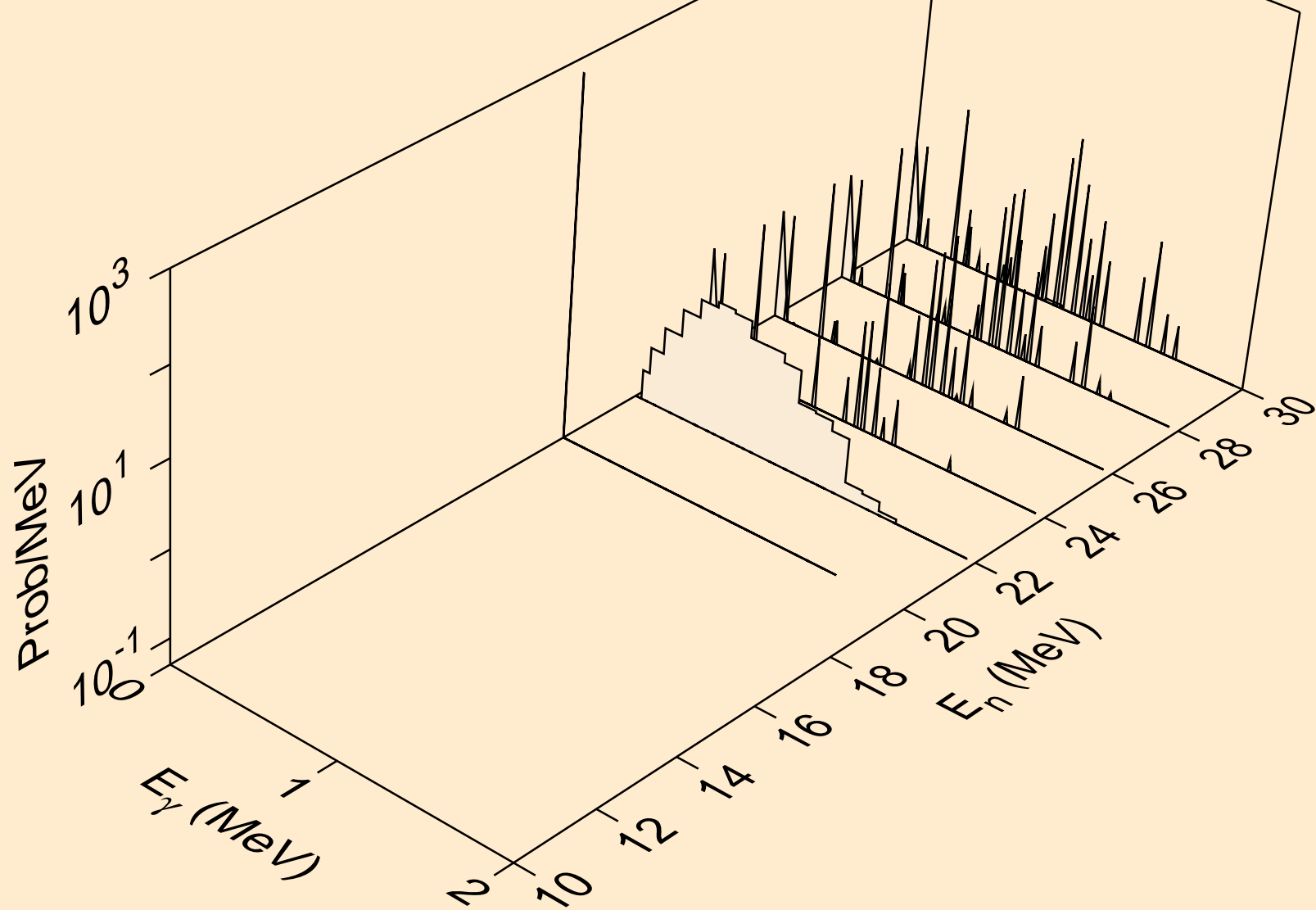
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Photon emission for (n,p)



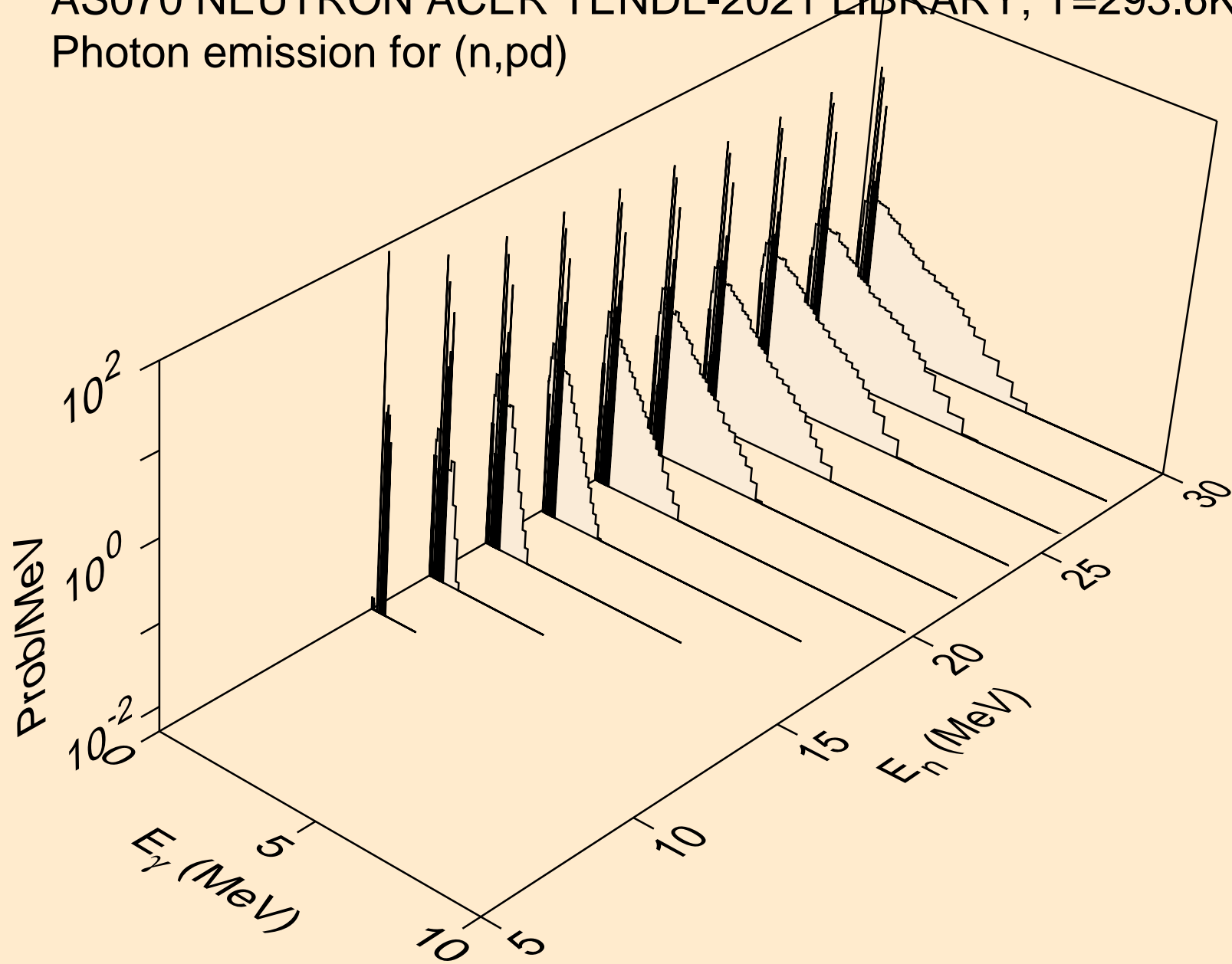
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Photon emission for (n,t2a)



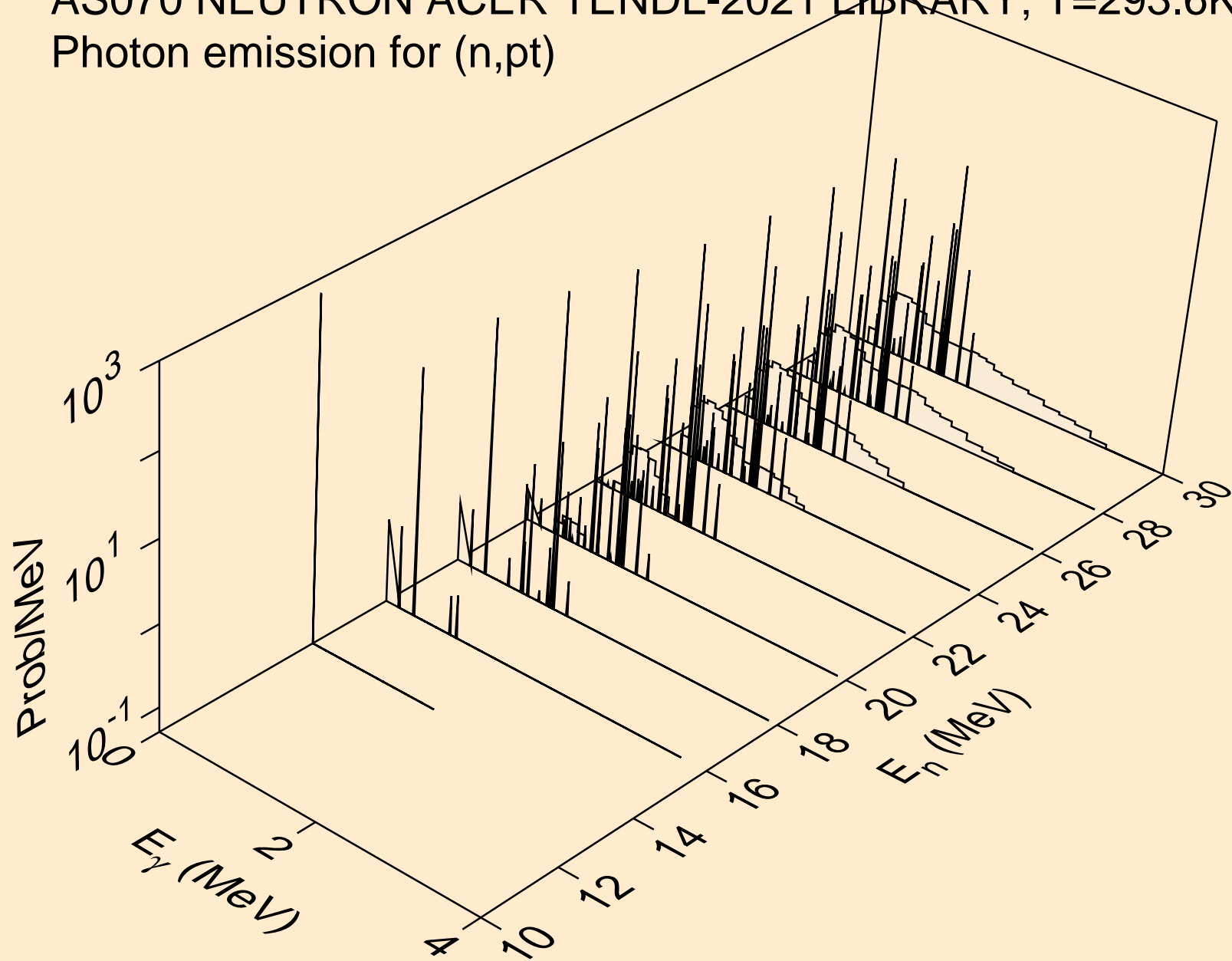
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Photon emission for (n,d2a)



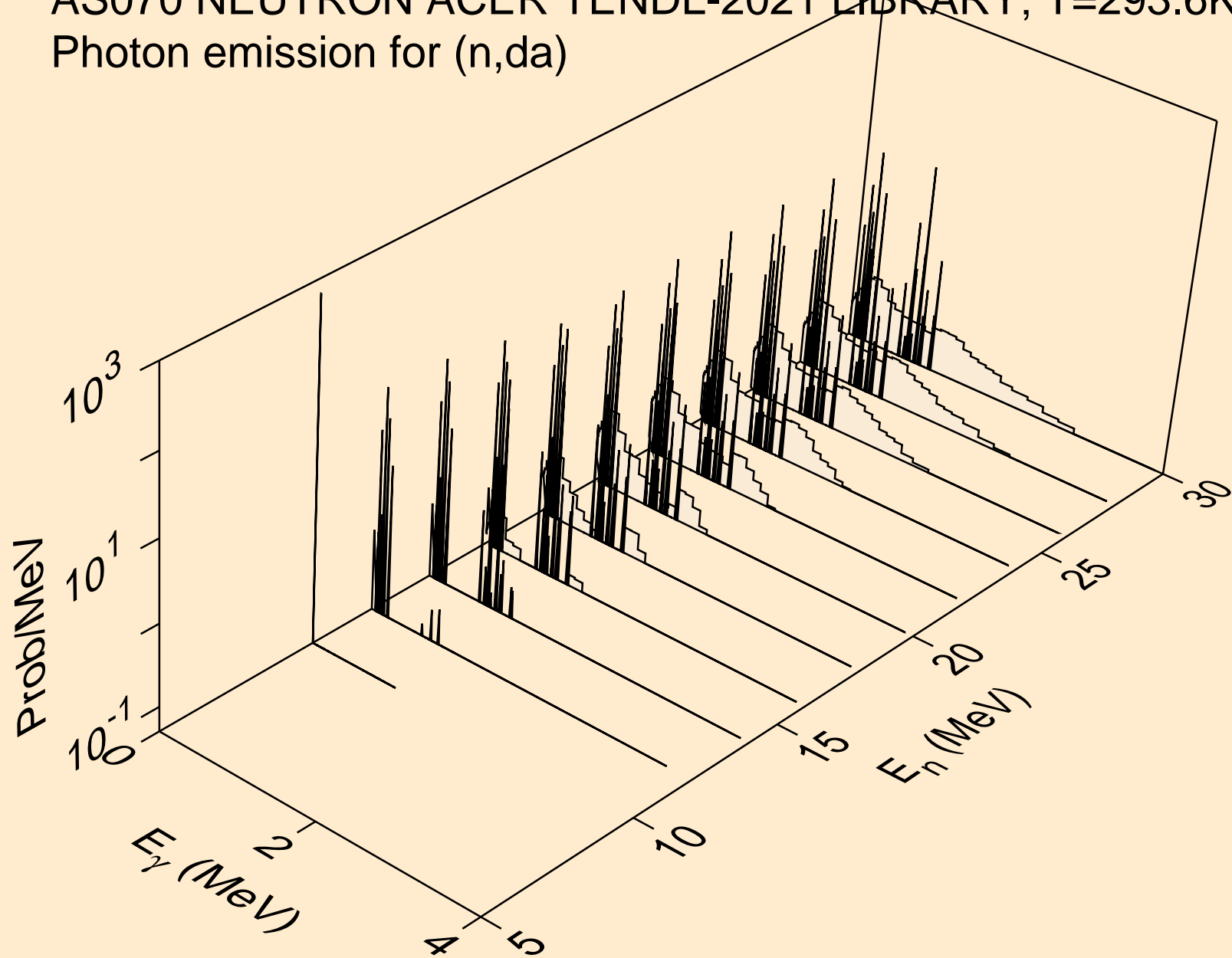
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Photon emission for (n,pd)



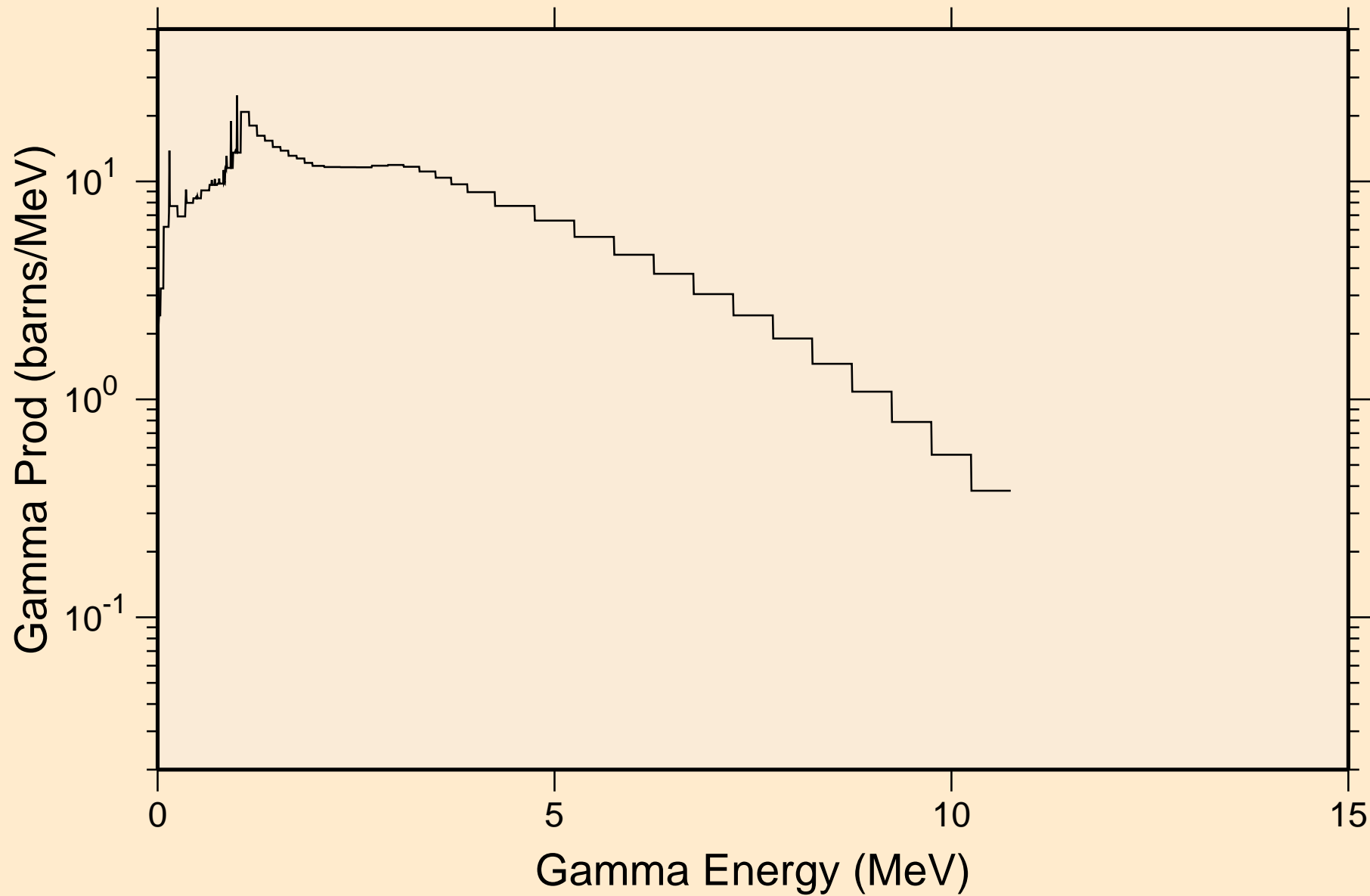
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Photon emission for (n,pt)



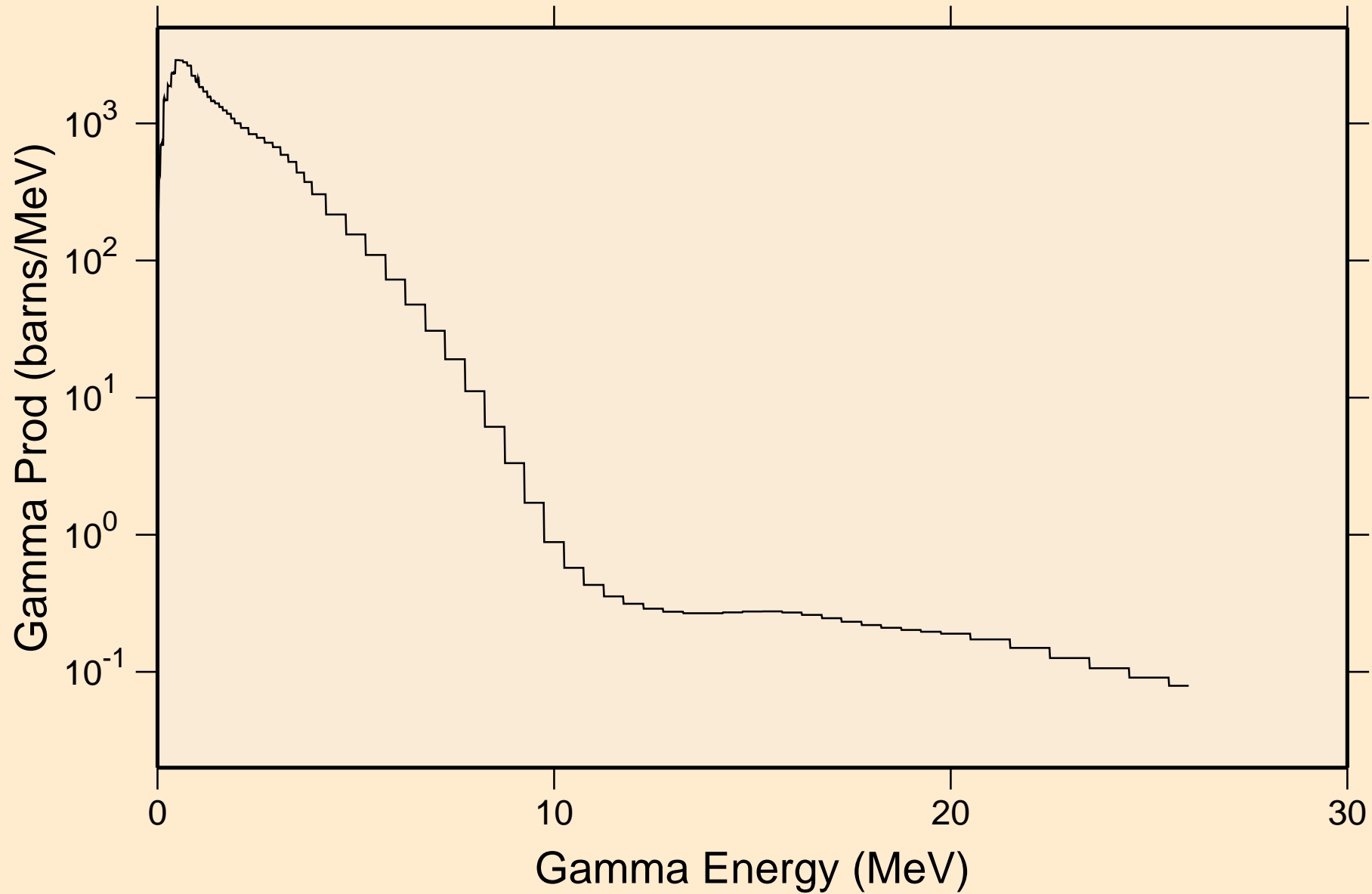
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

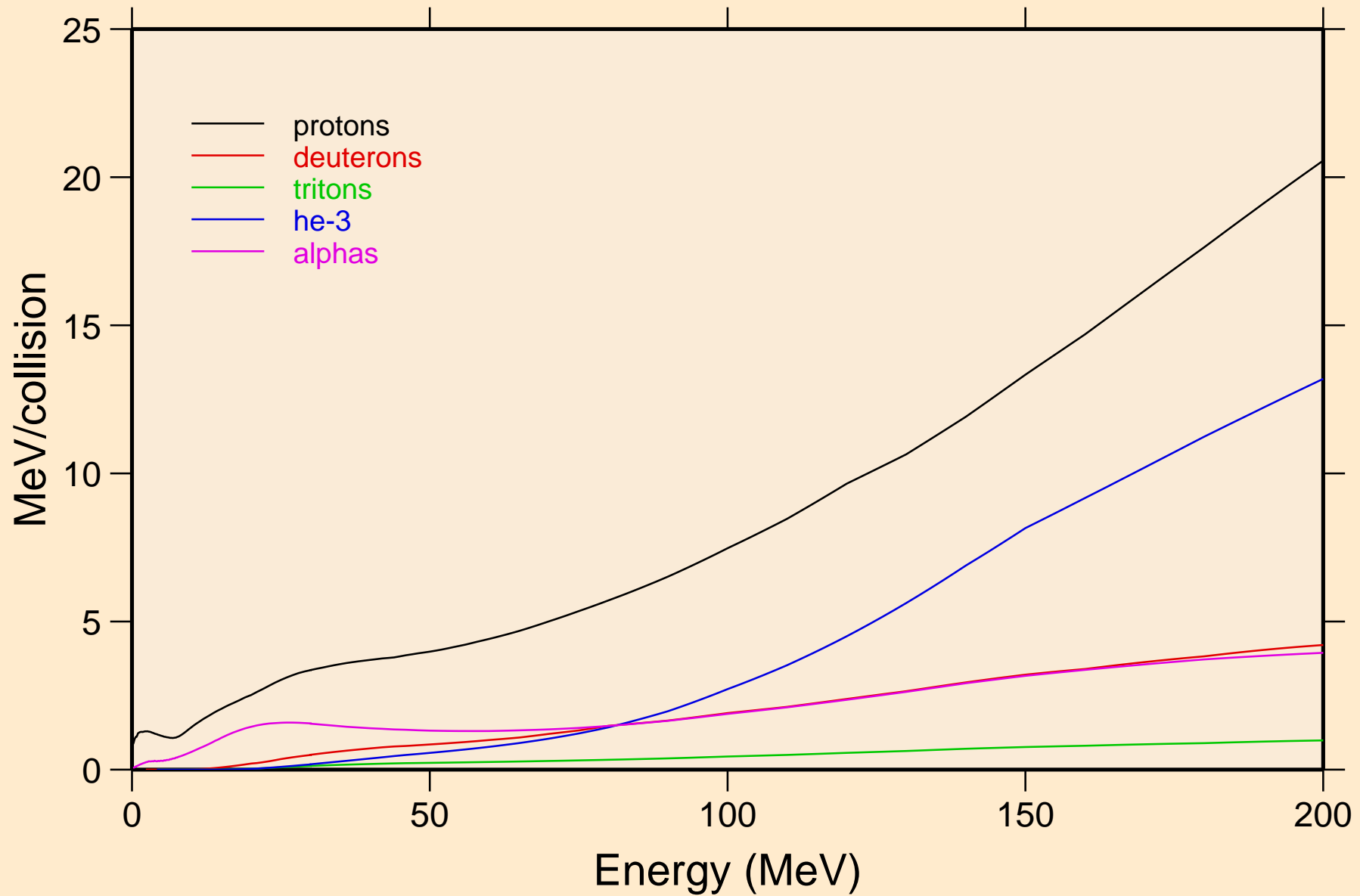


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14 MeV photon spectrum

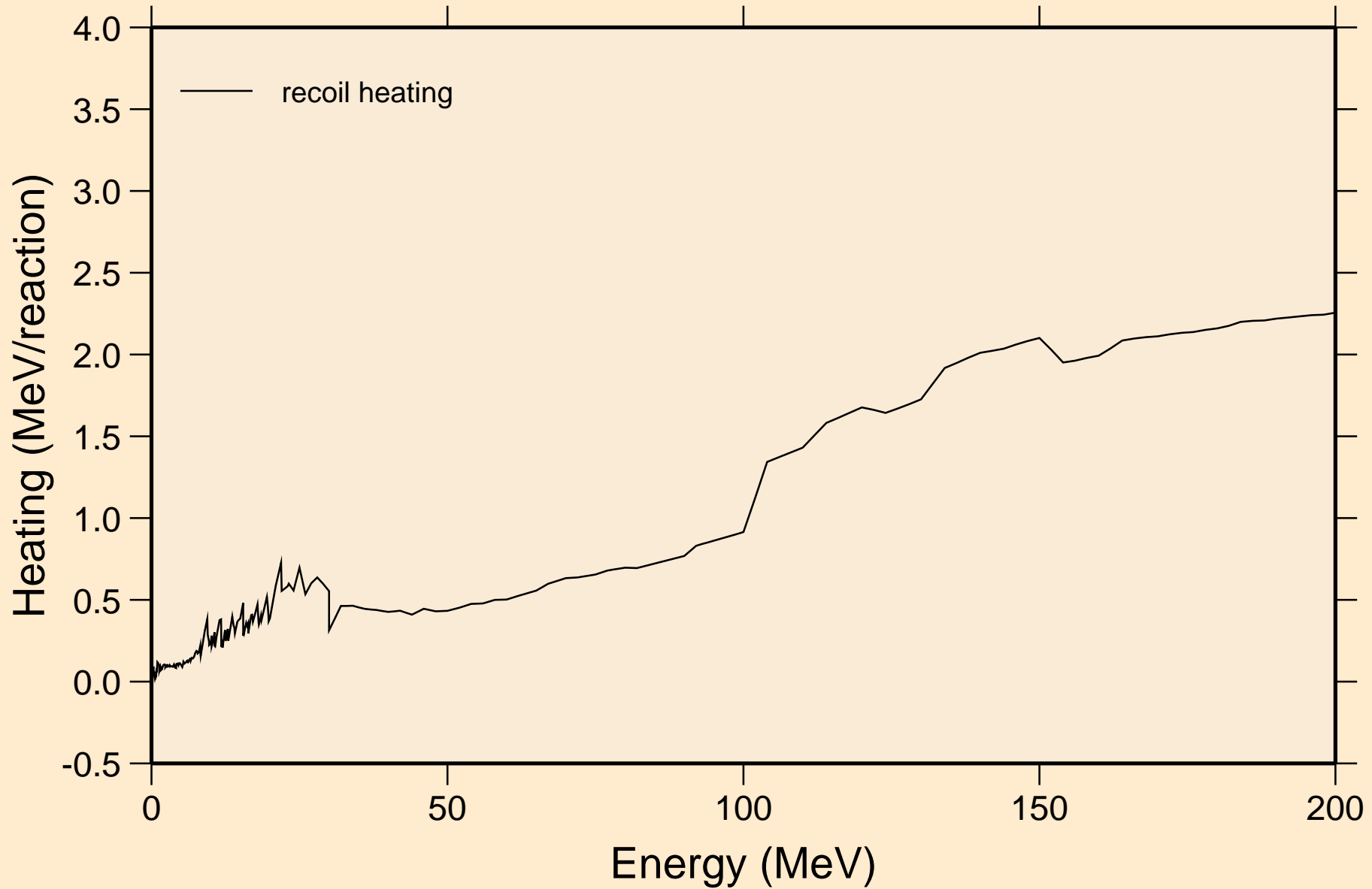




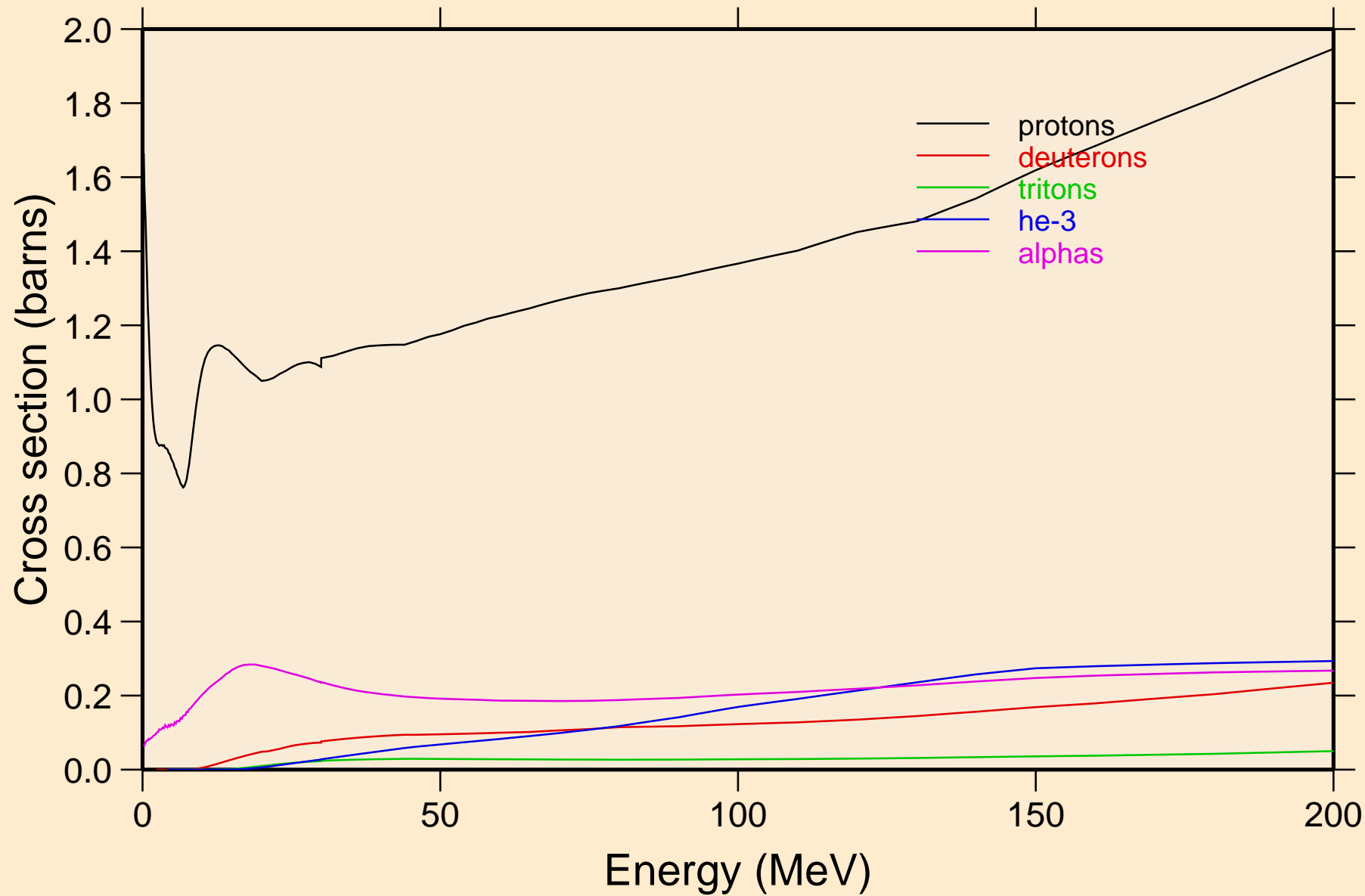
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Particle heating contributions



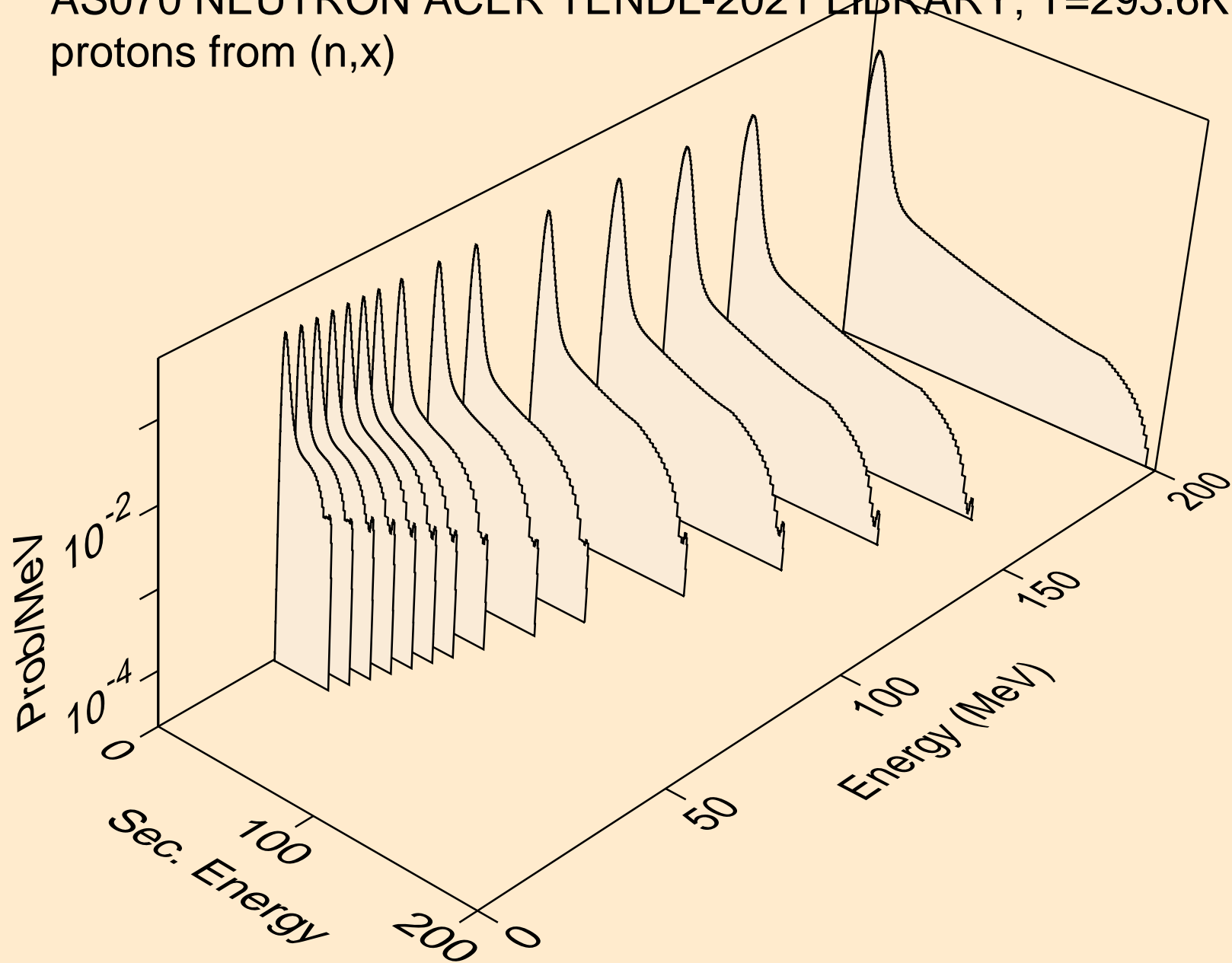
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Recoil Heating



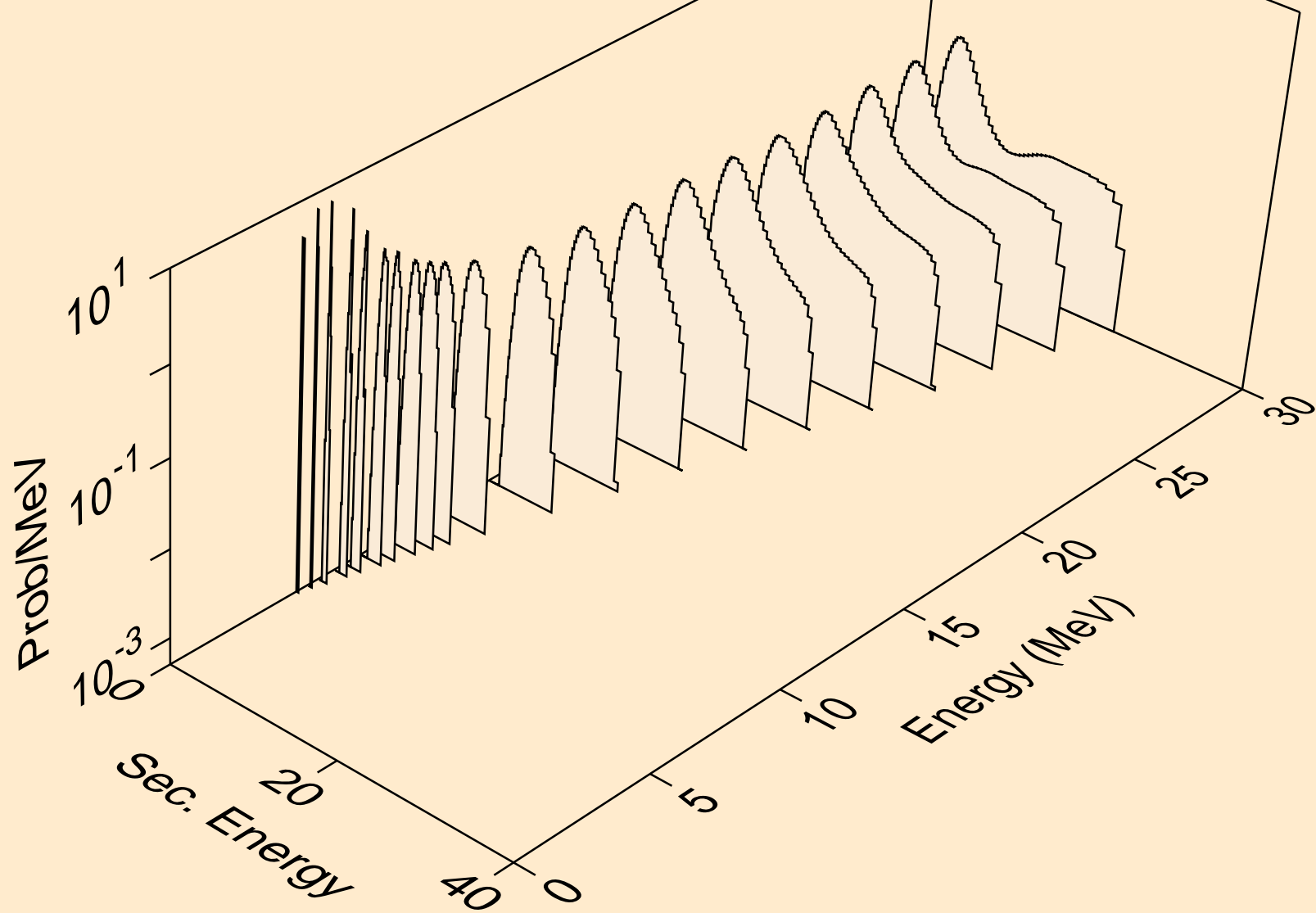
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Particle production cross sections



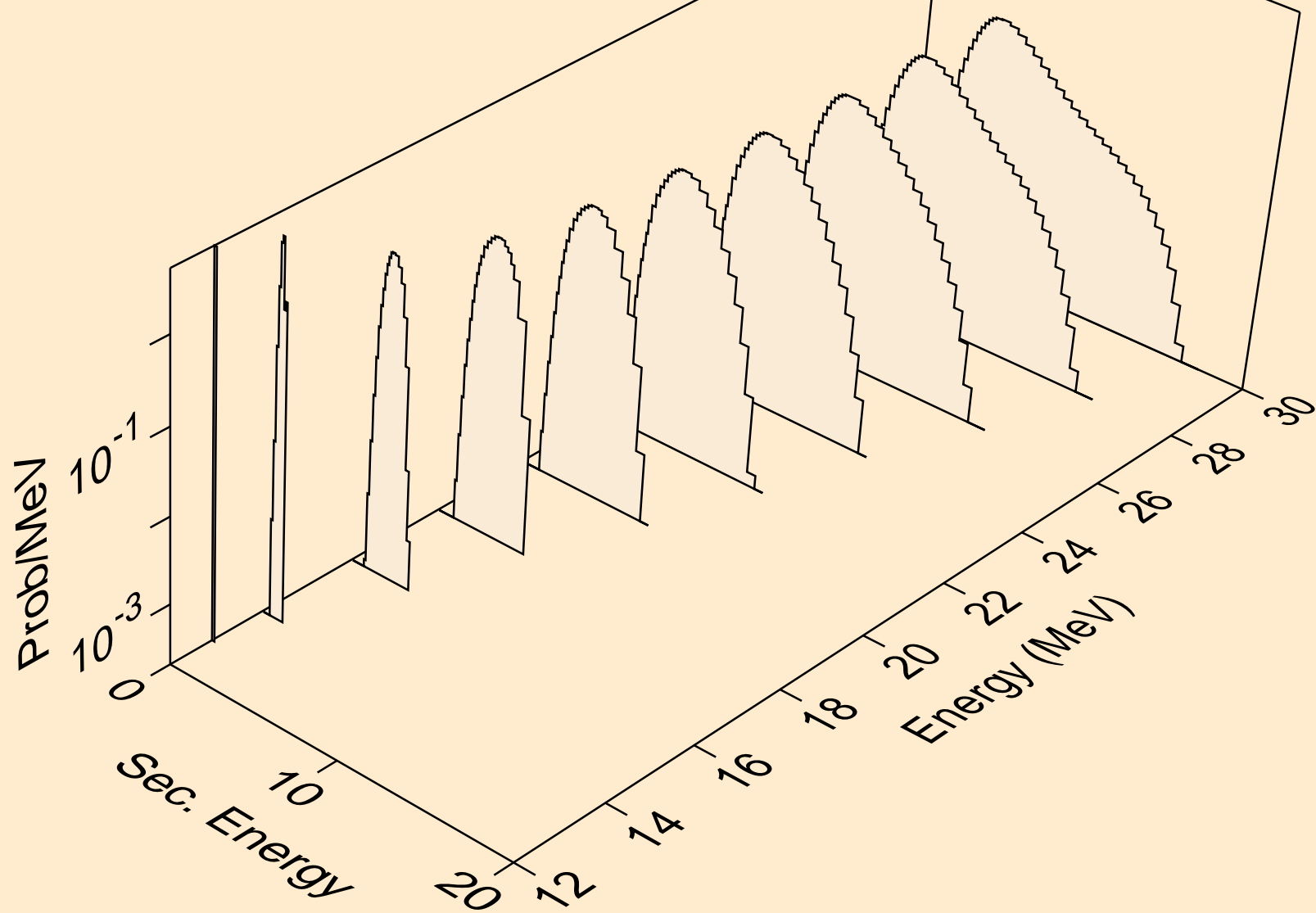
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



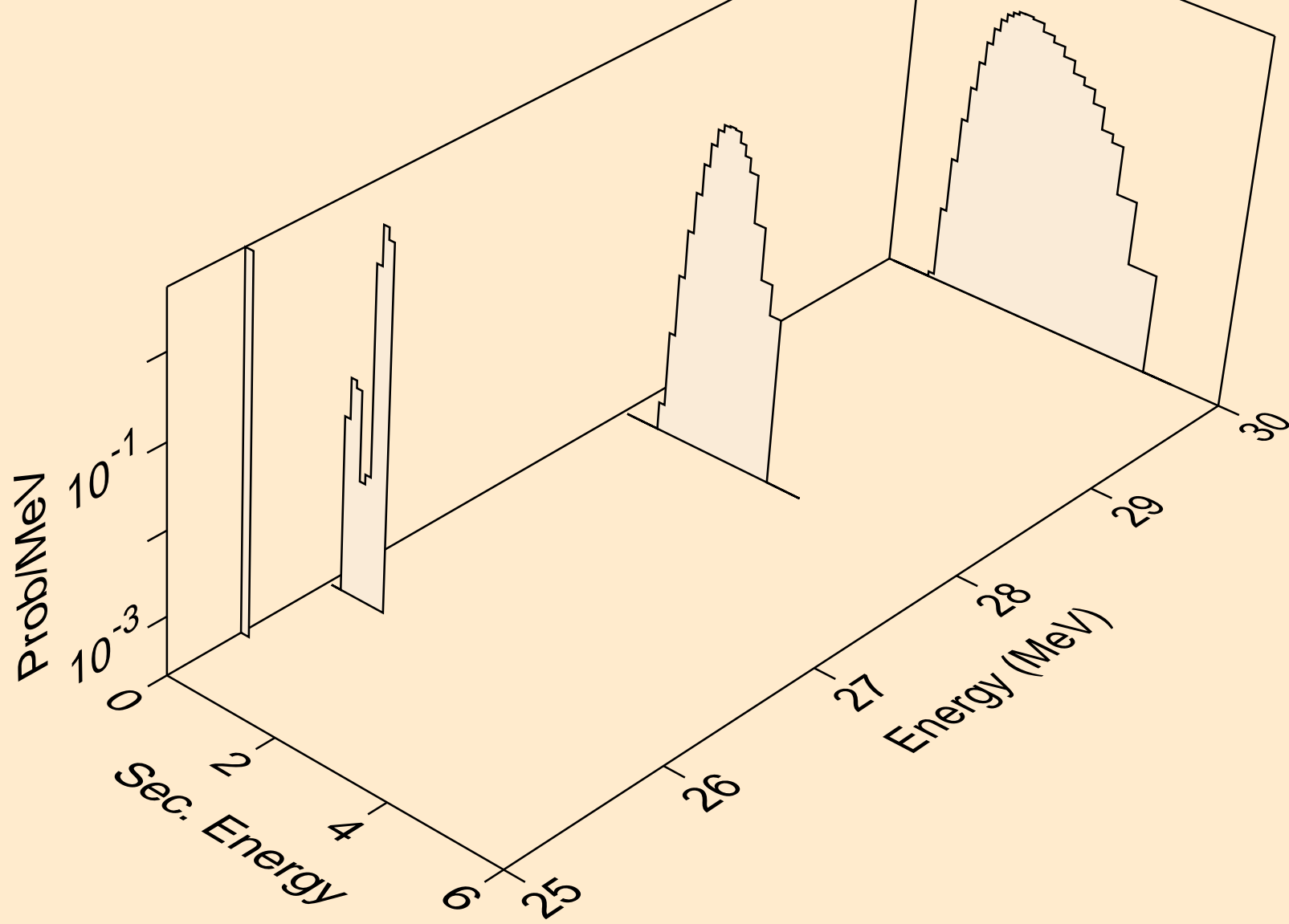
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protons from (n,n\*)p



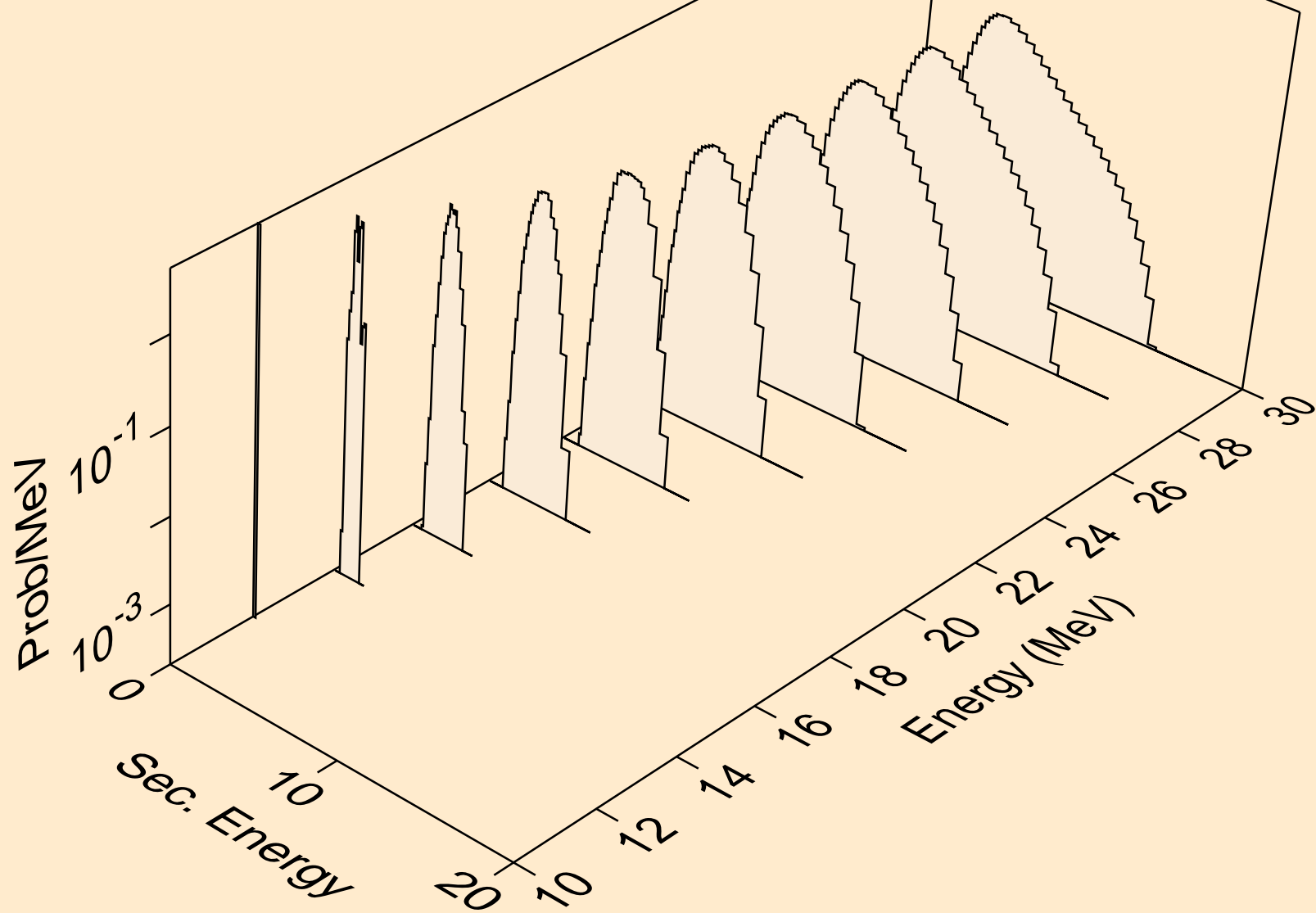
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protons from (n,2np)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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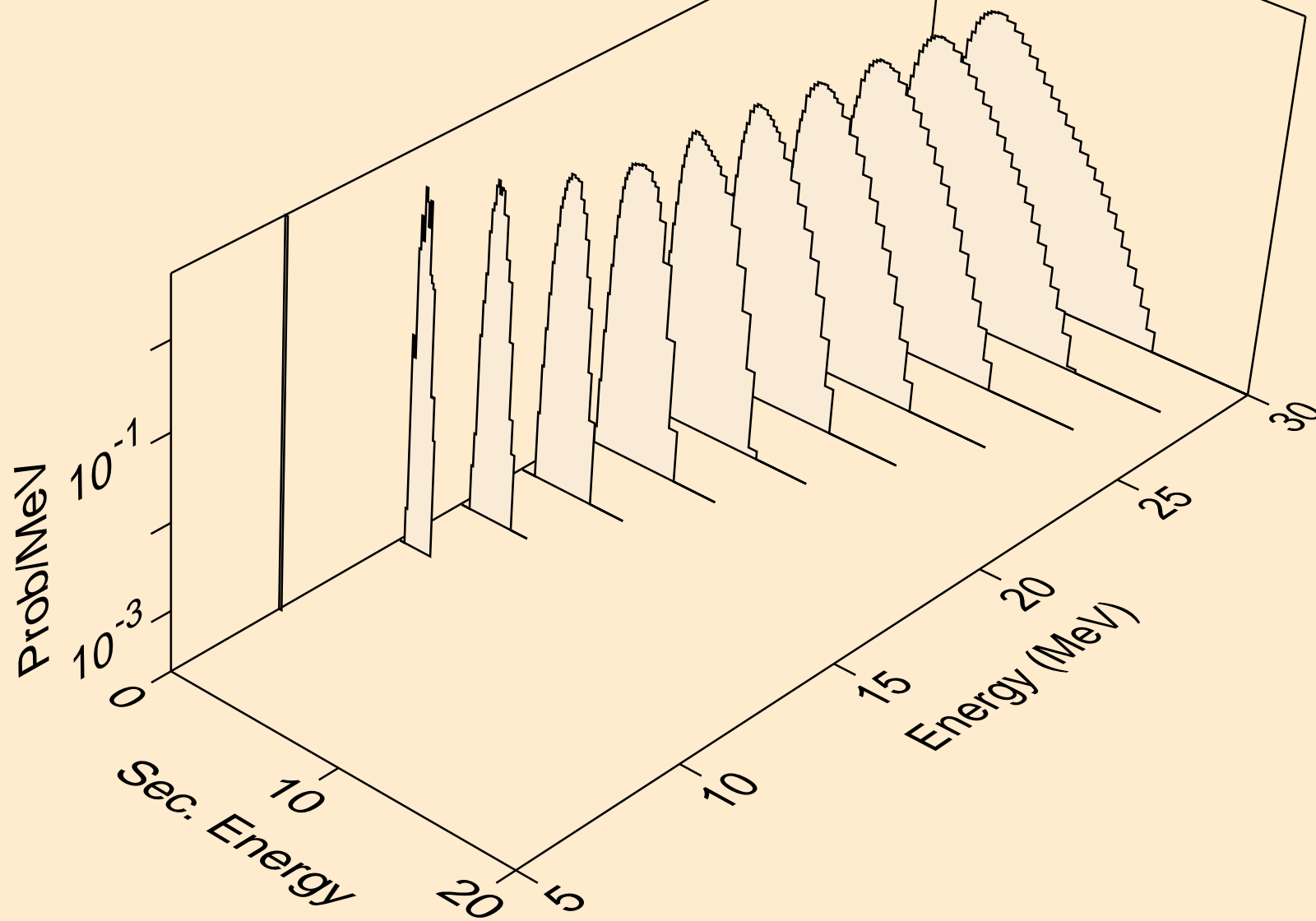


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protons from (n,2np)

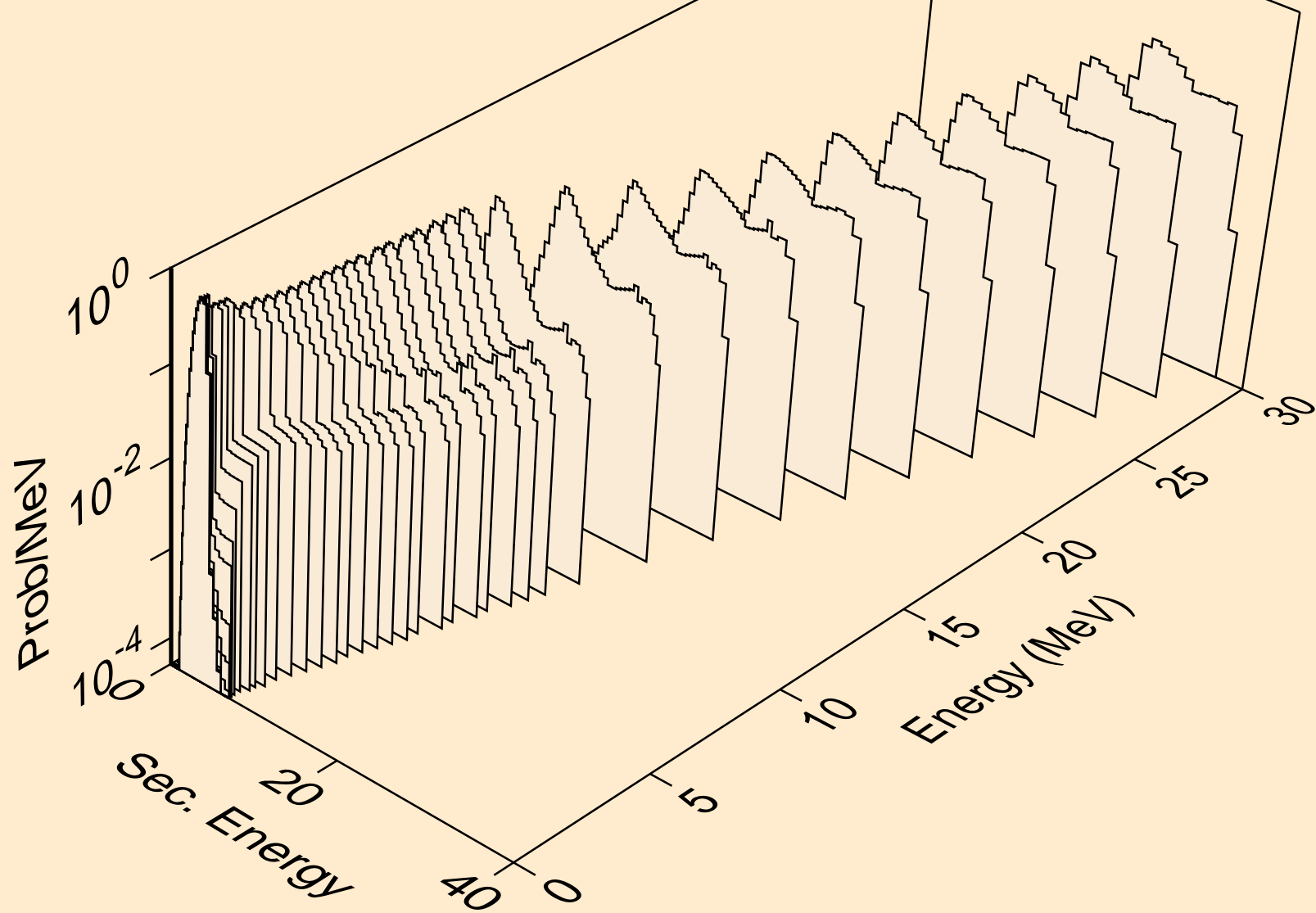




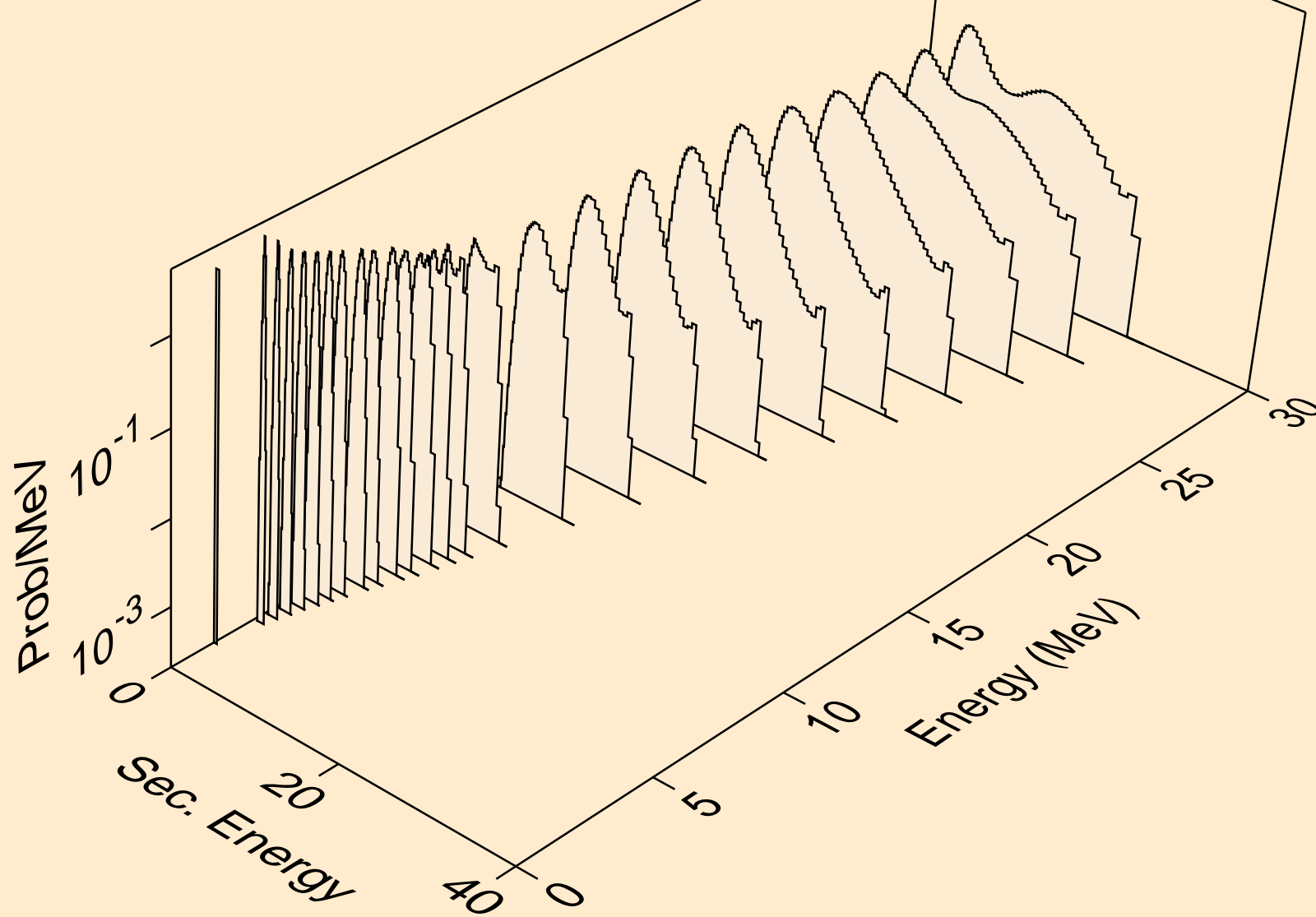
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protons from (n,npa)



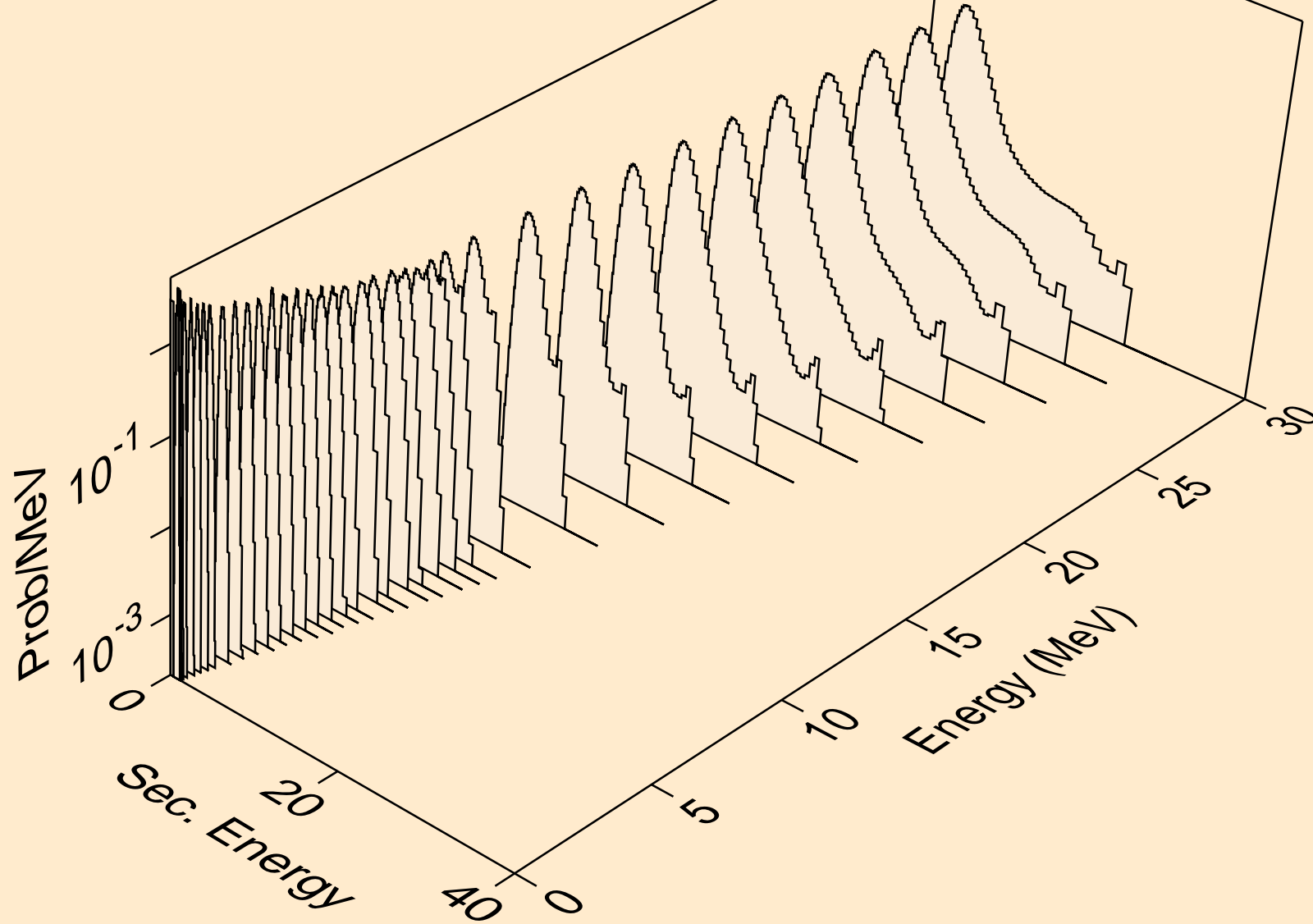
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protons from (n,p)



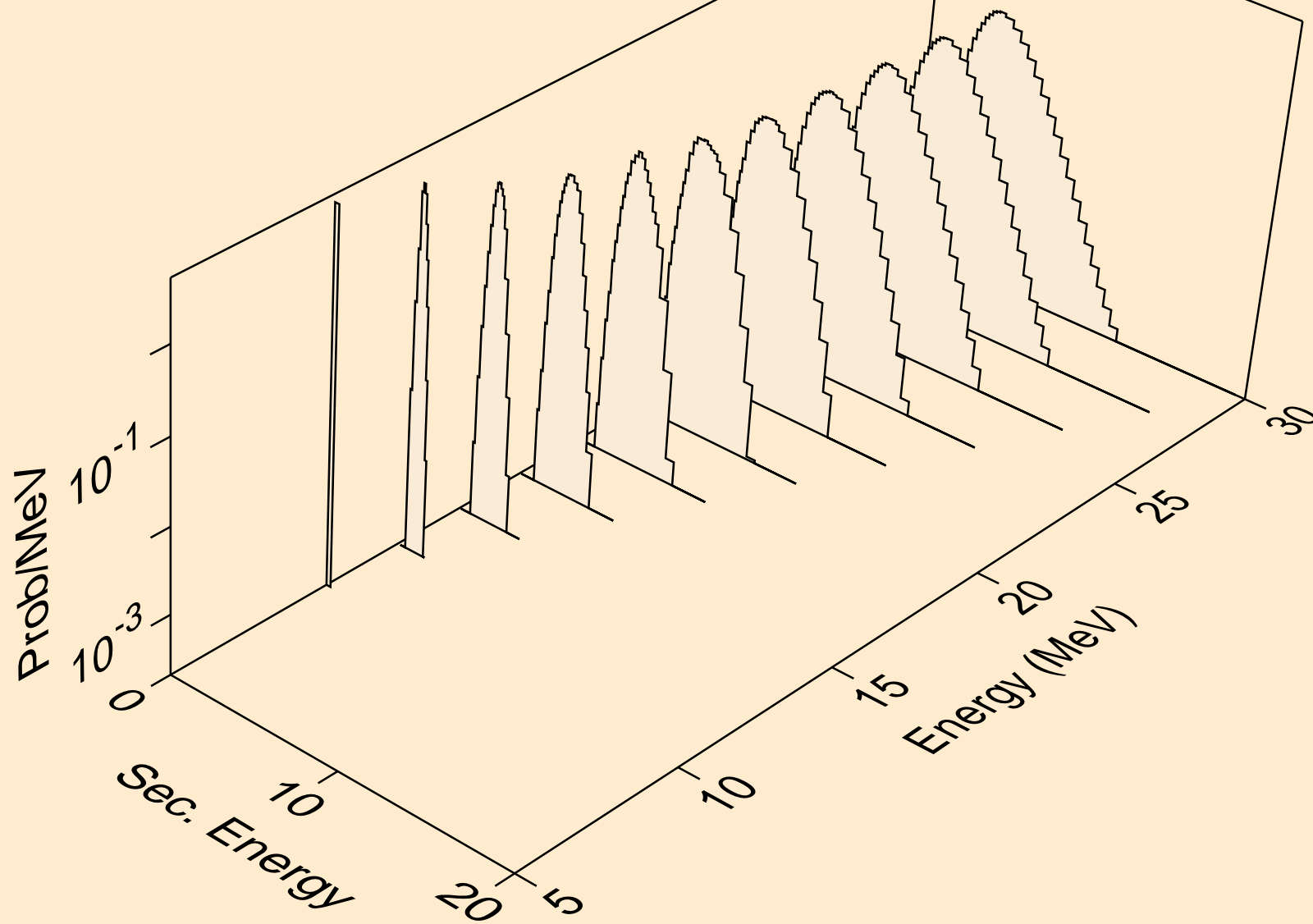
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protons from (n,2p)



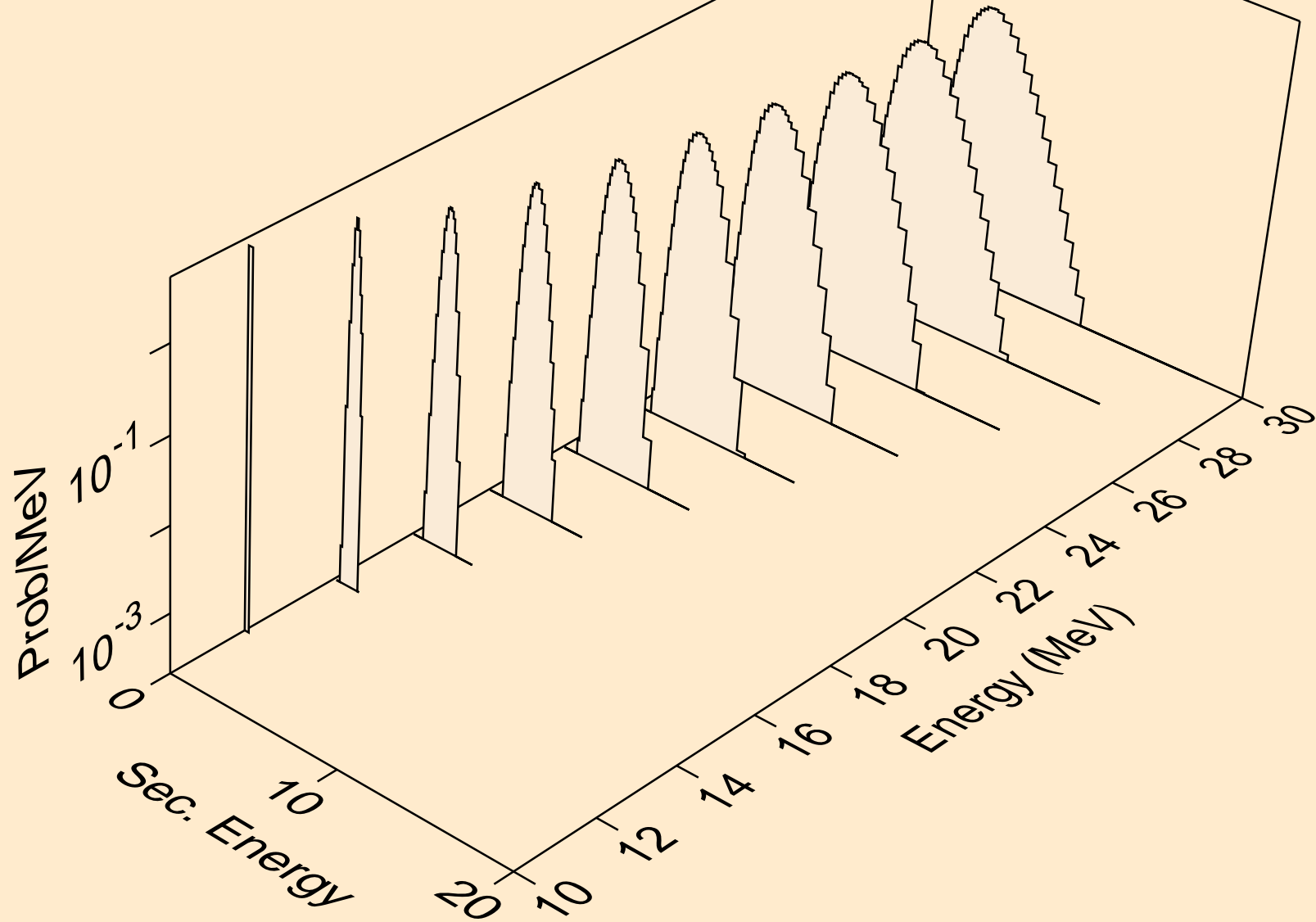
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protons from (n,p)



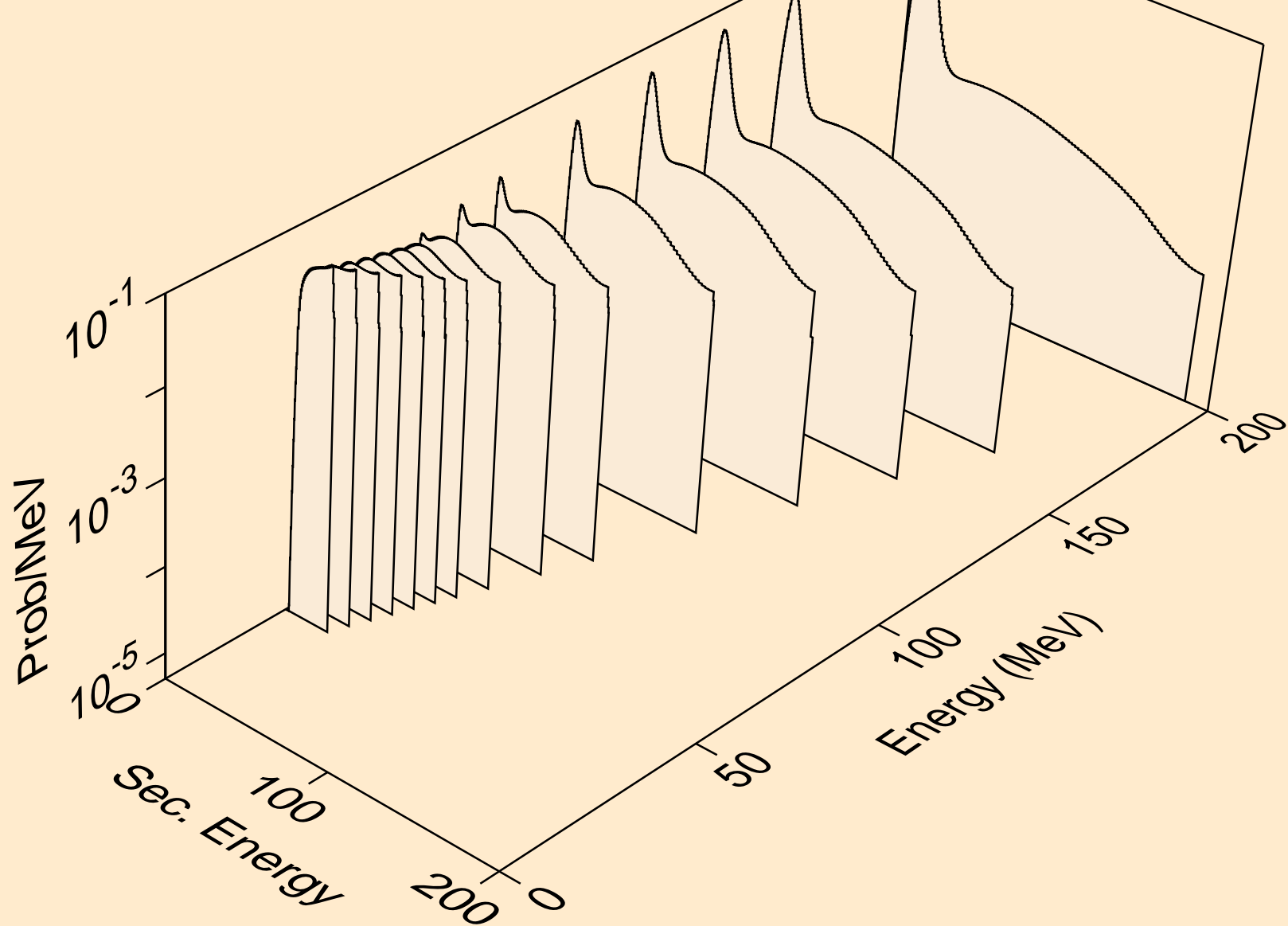
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protons from (n,pd)



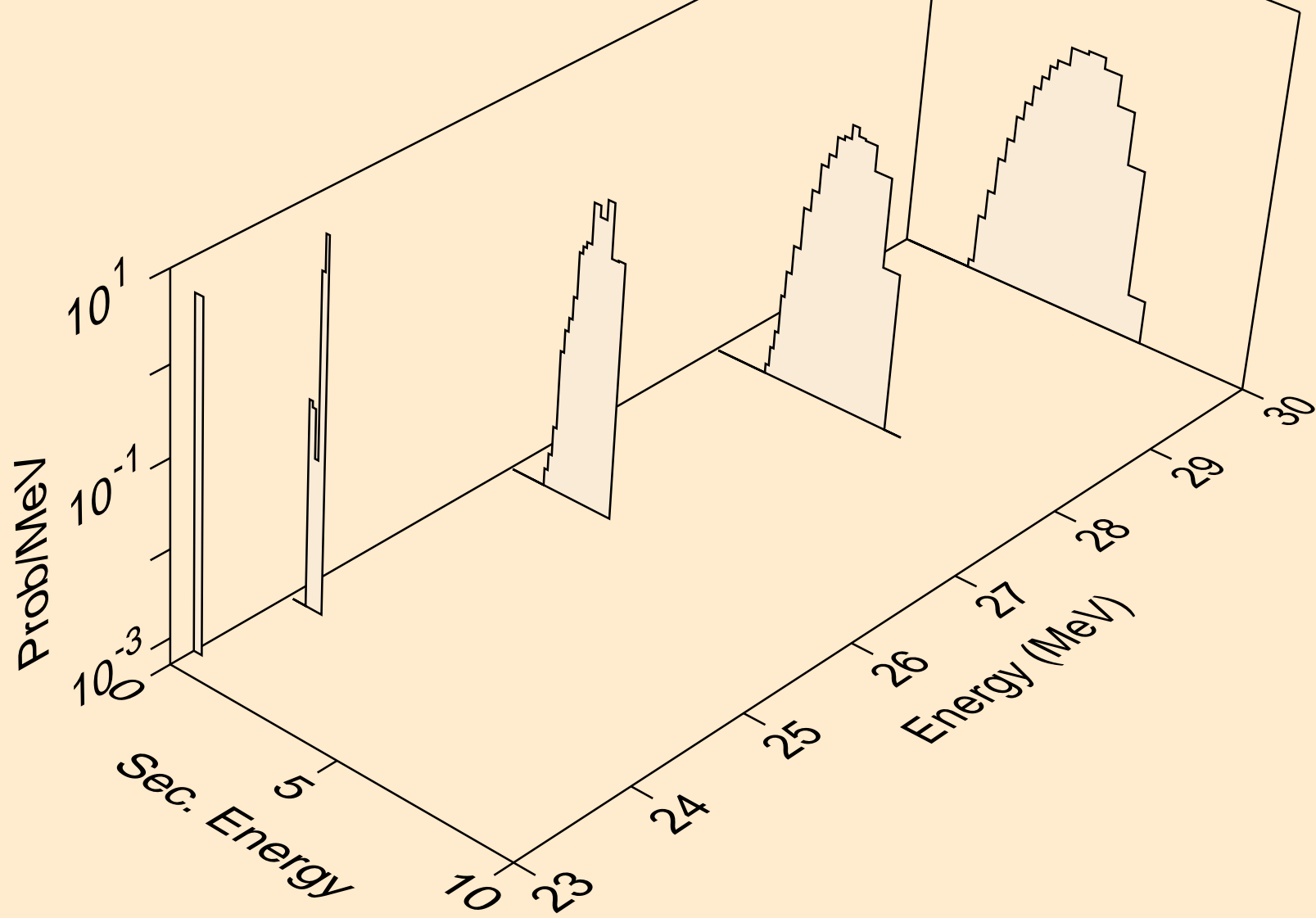
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protons from (n,pt)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

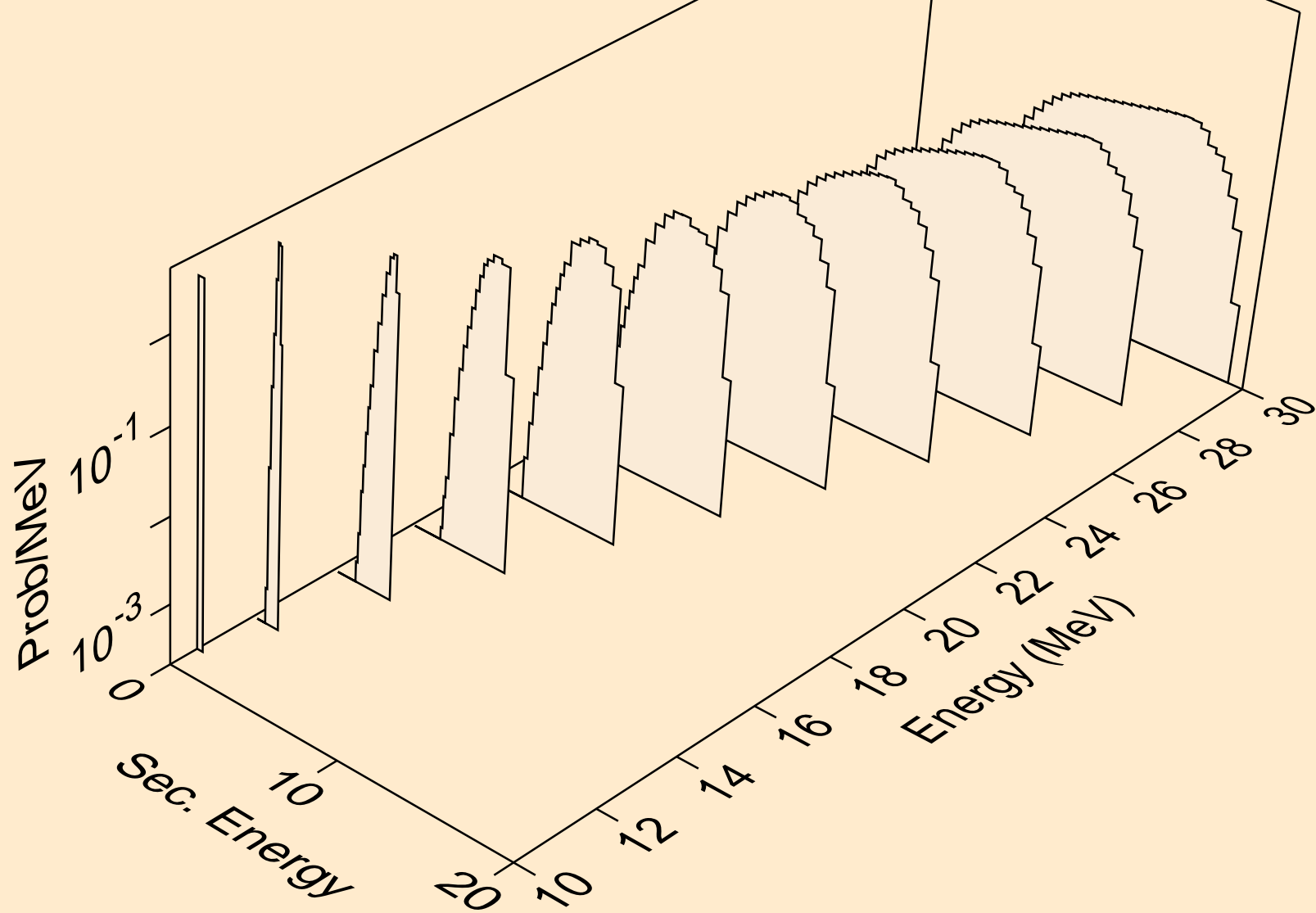


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deuterons from (n,2nd)

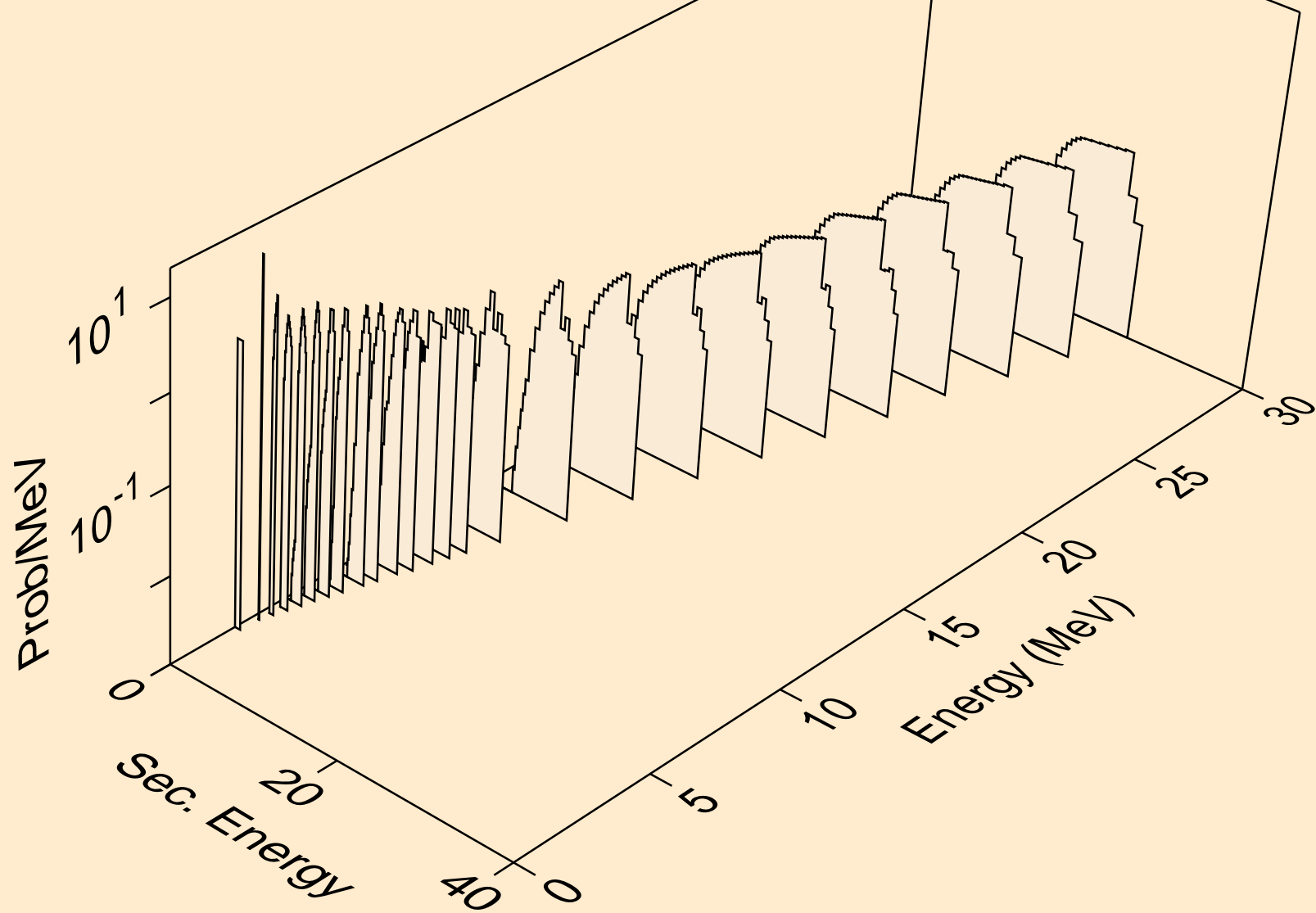




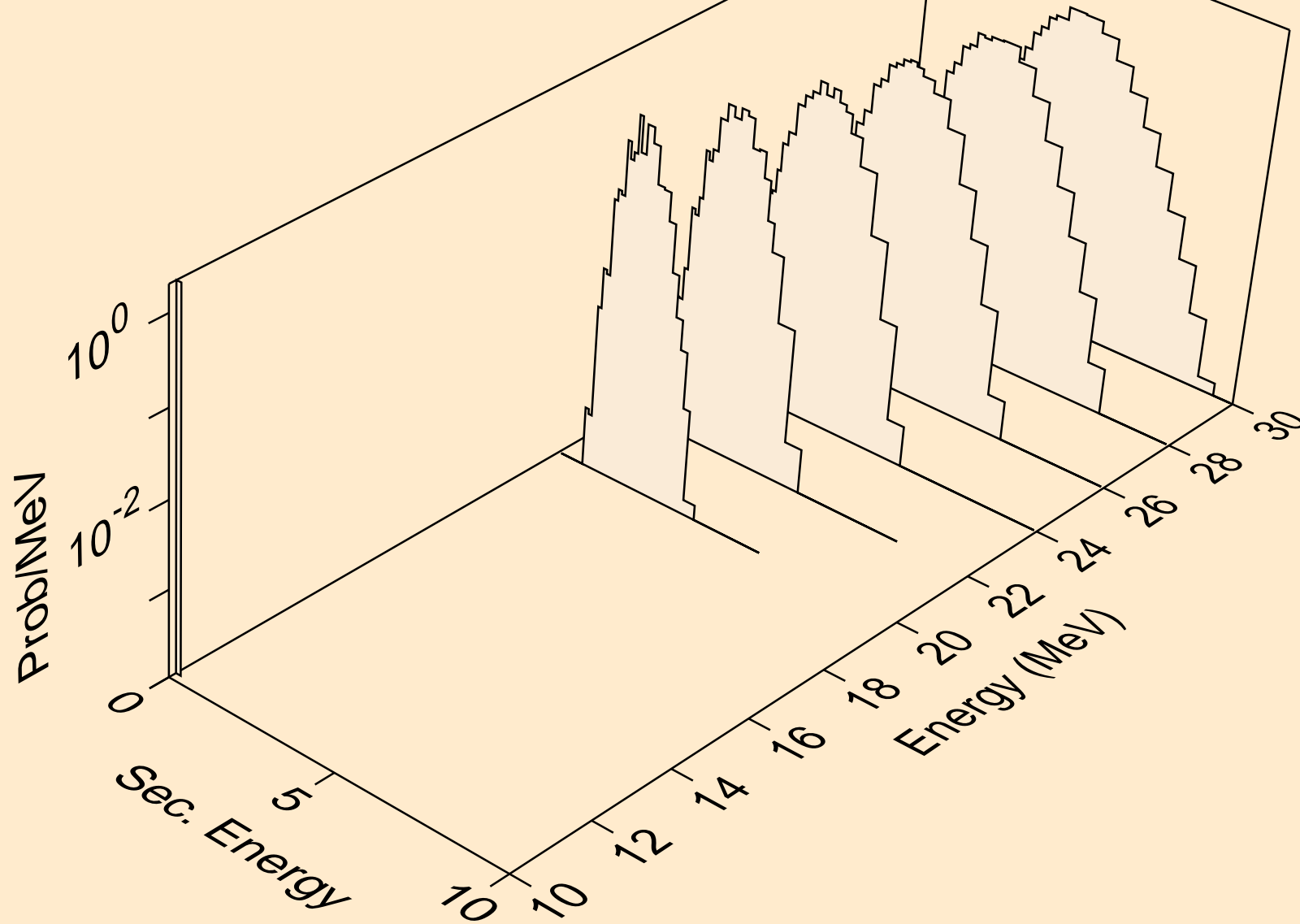
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deuterons from (n,n\*)d



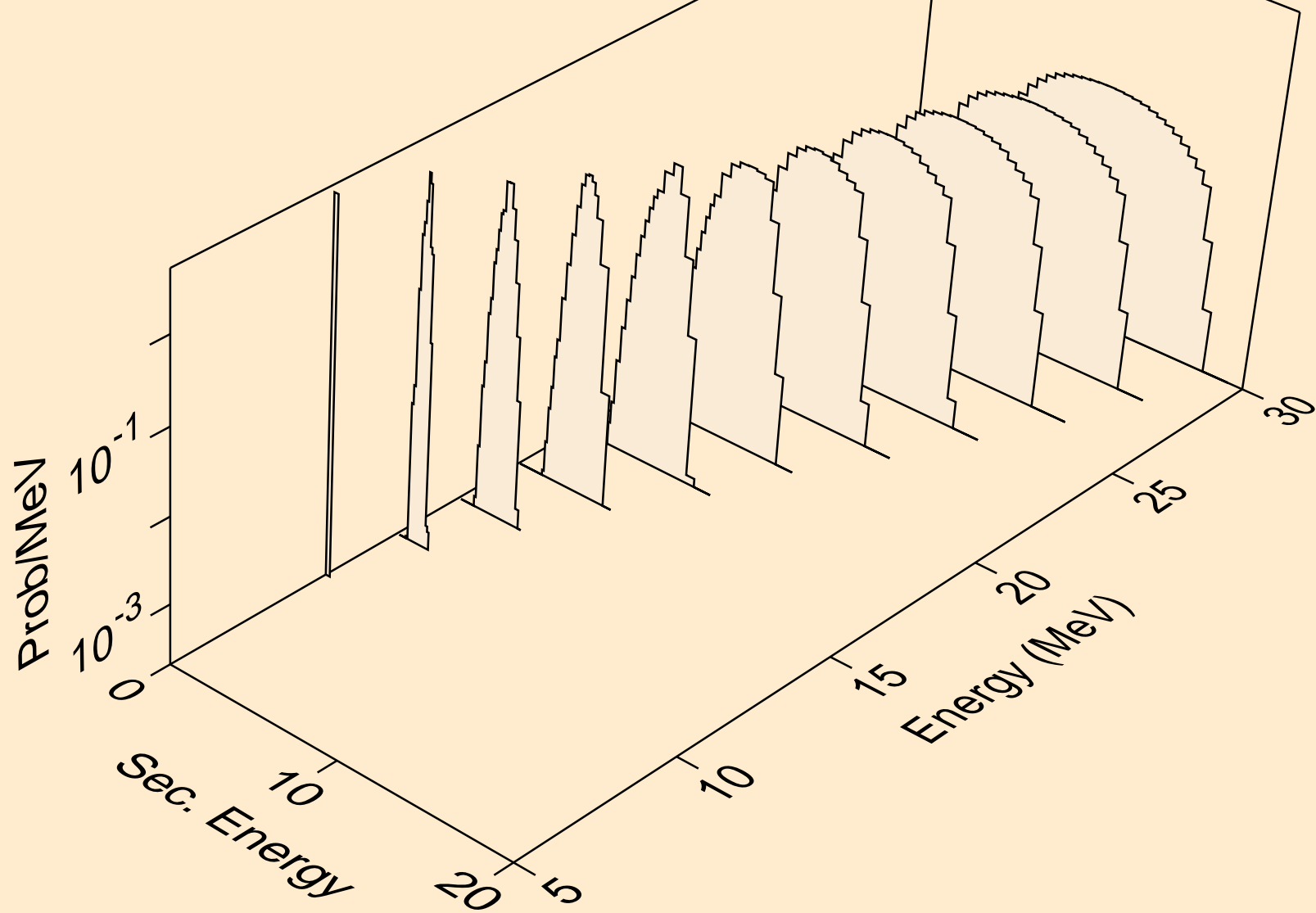
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deuterons from (n,d)



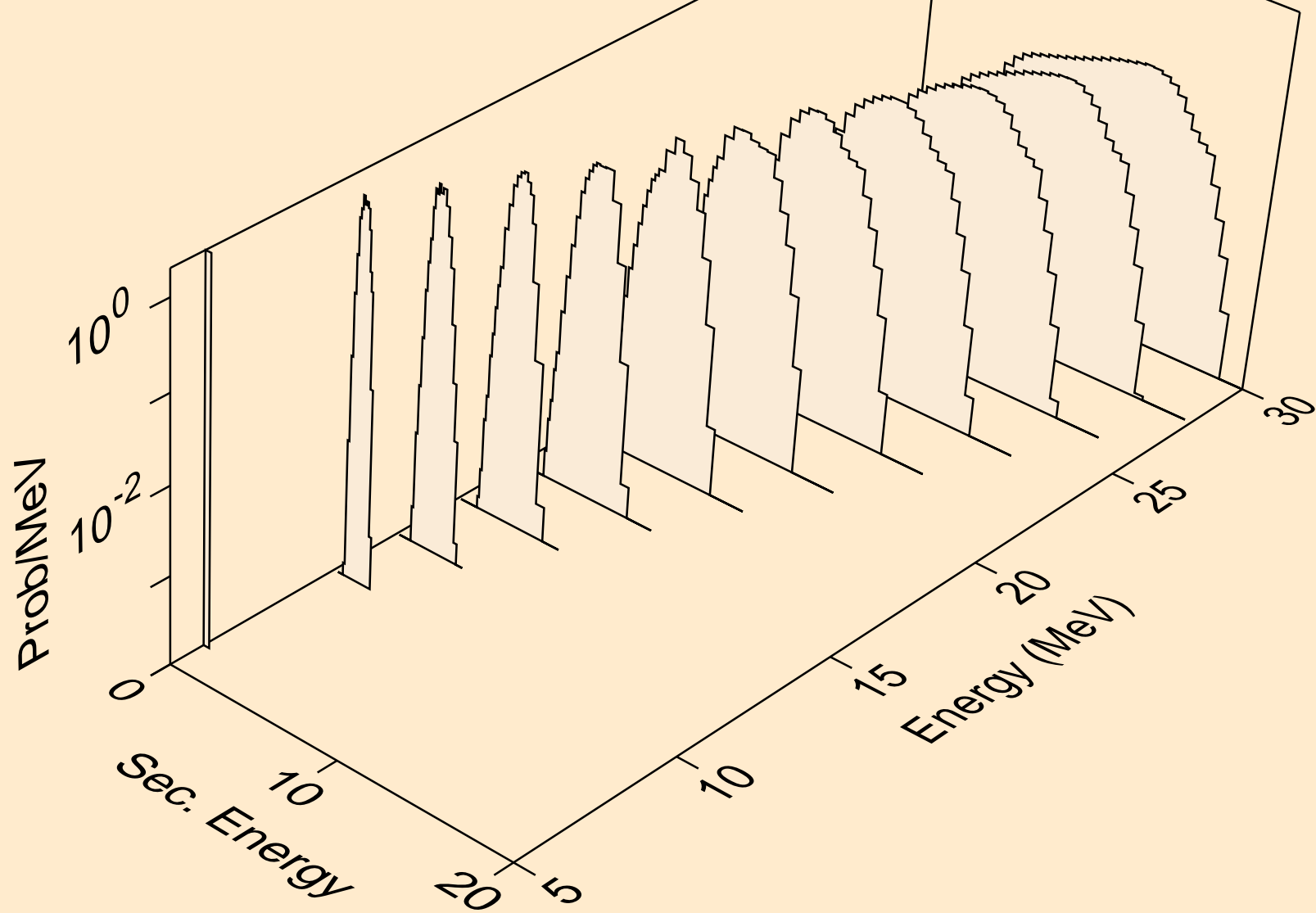
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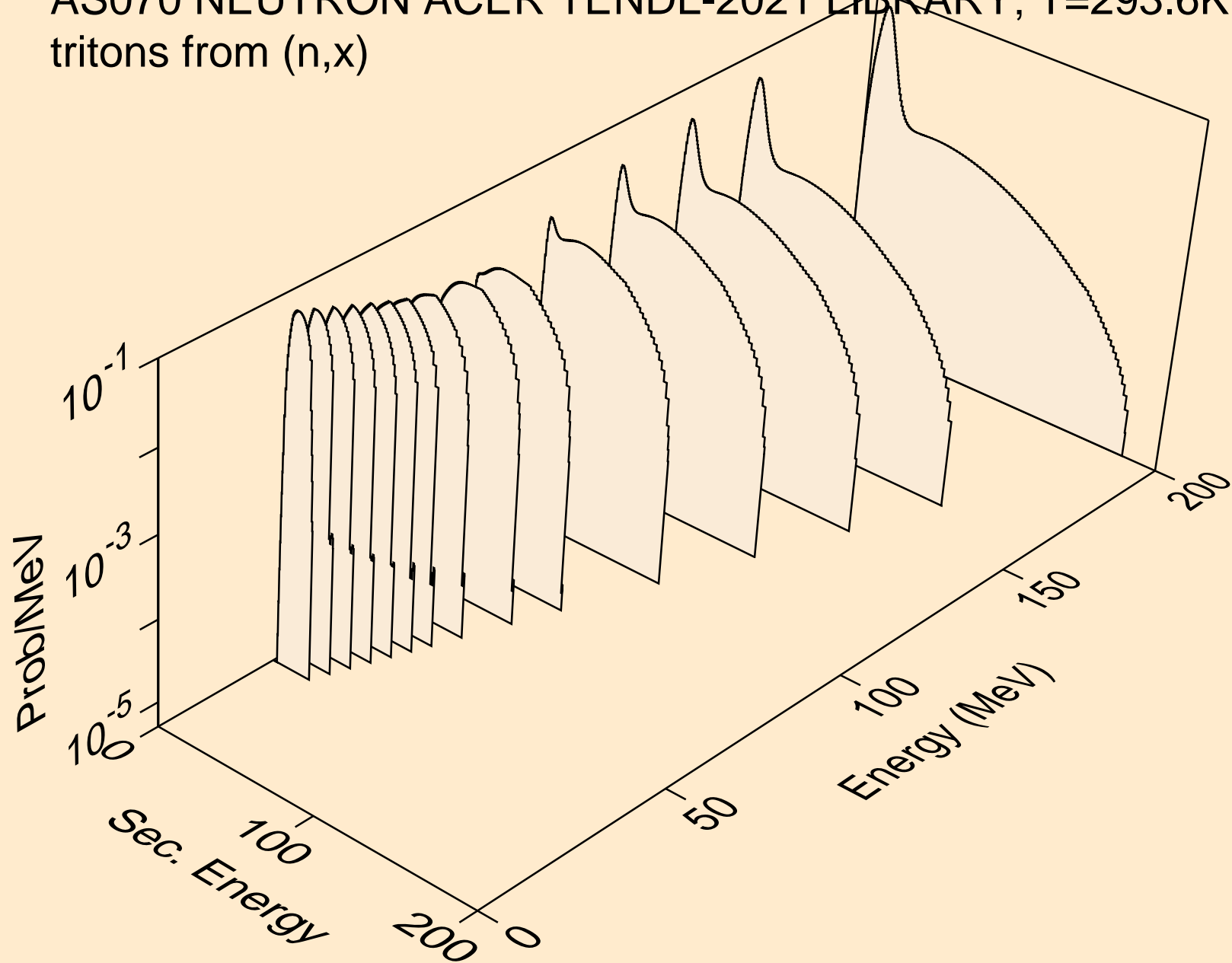
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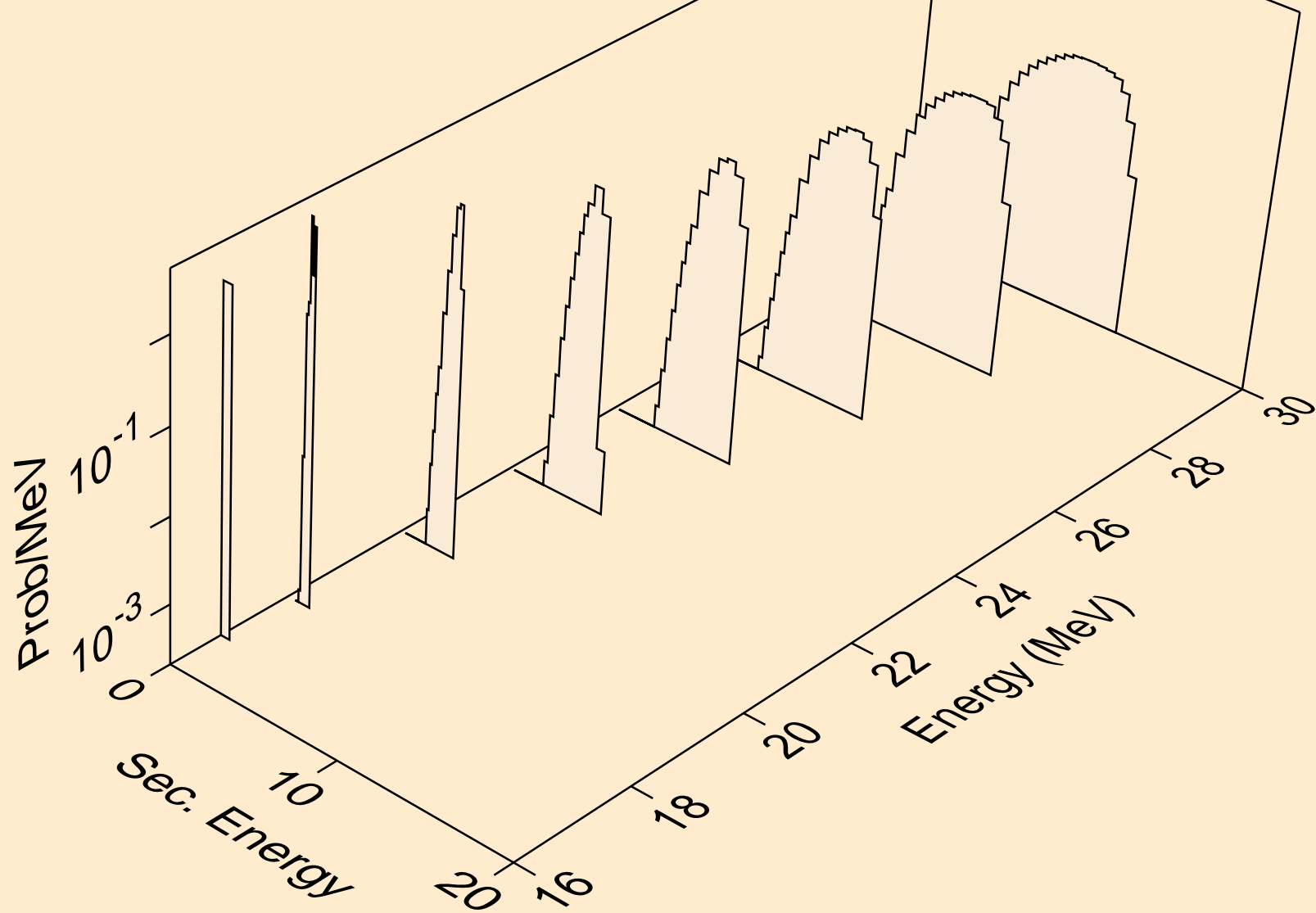
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



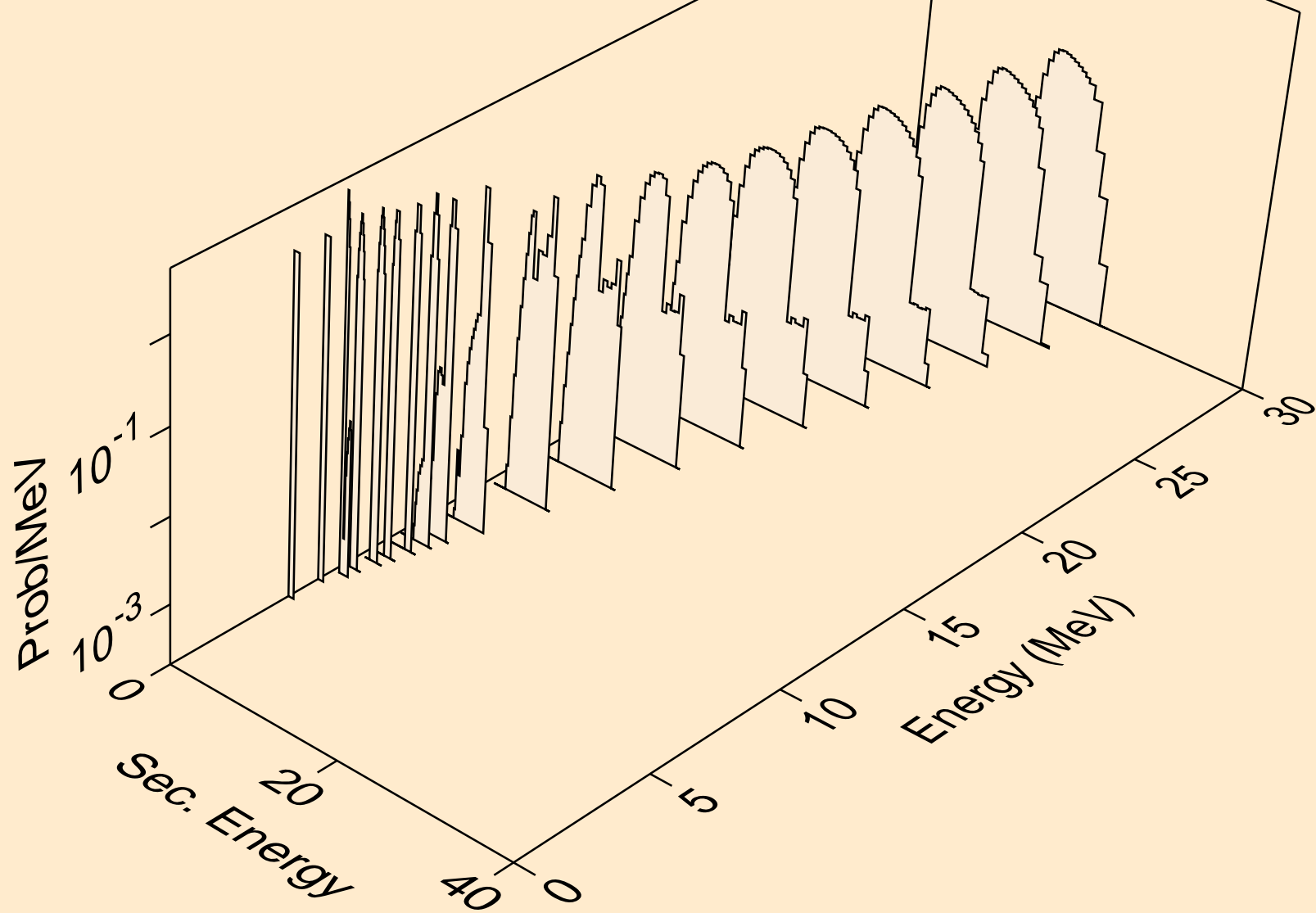
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

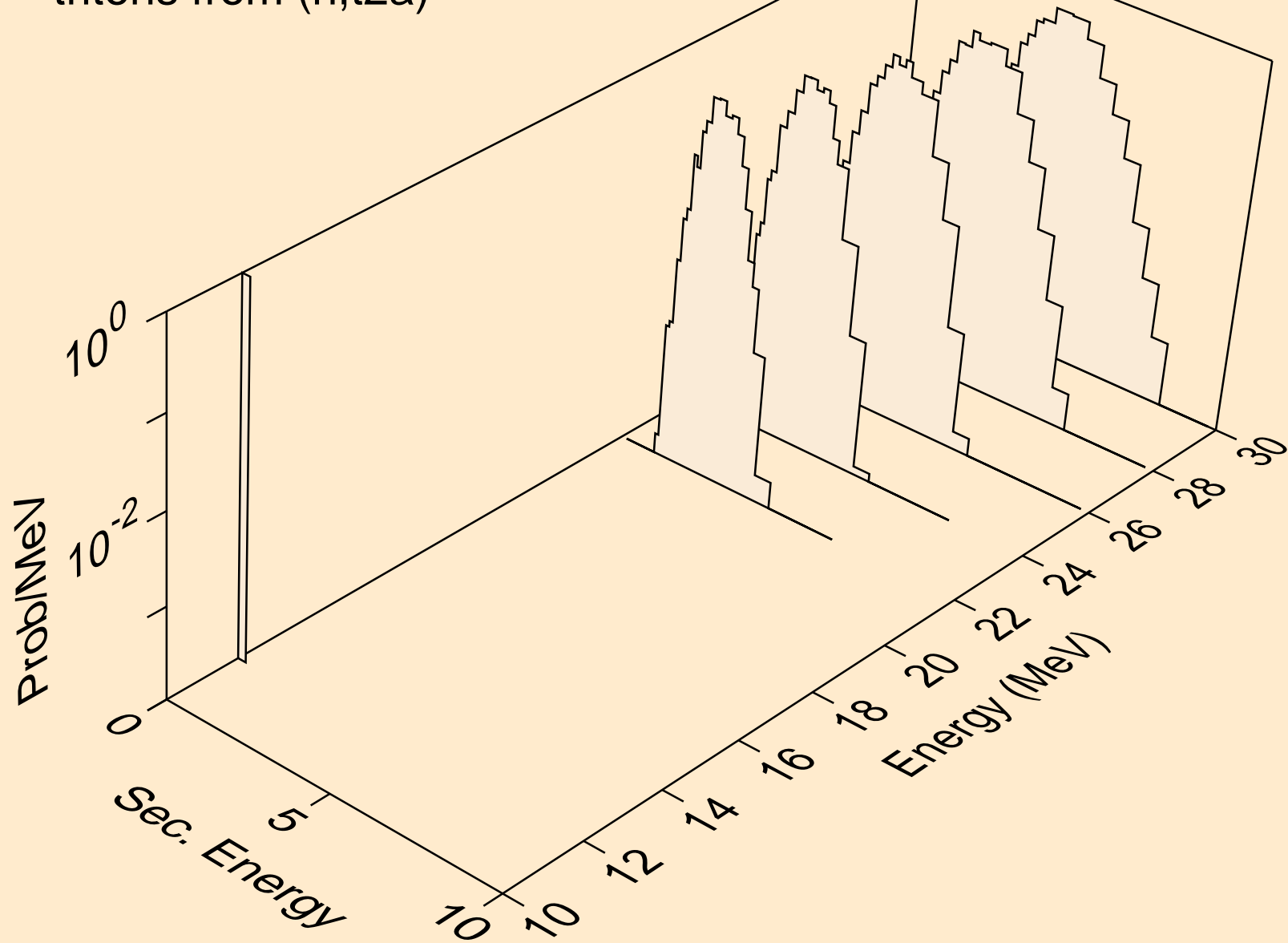


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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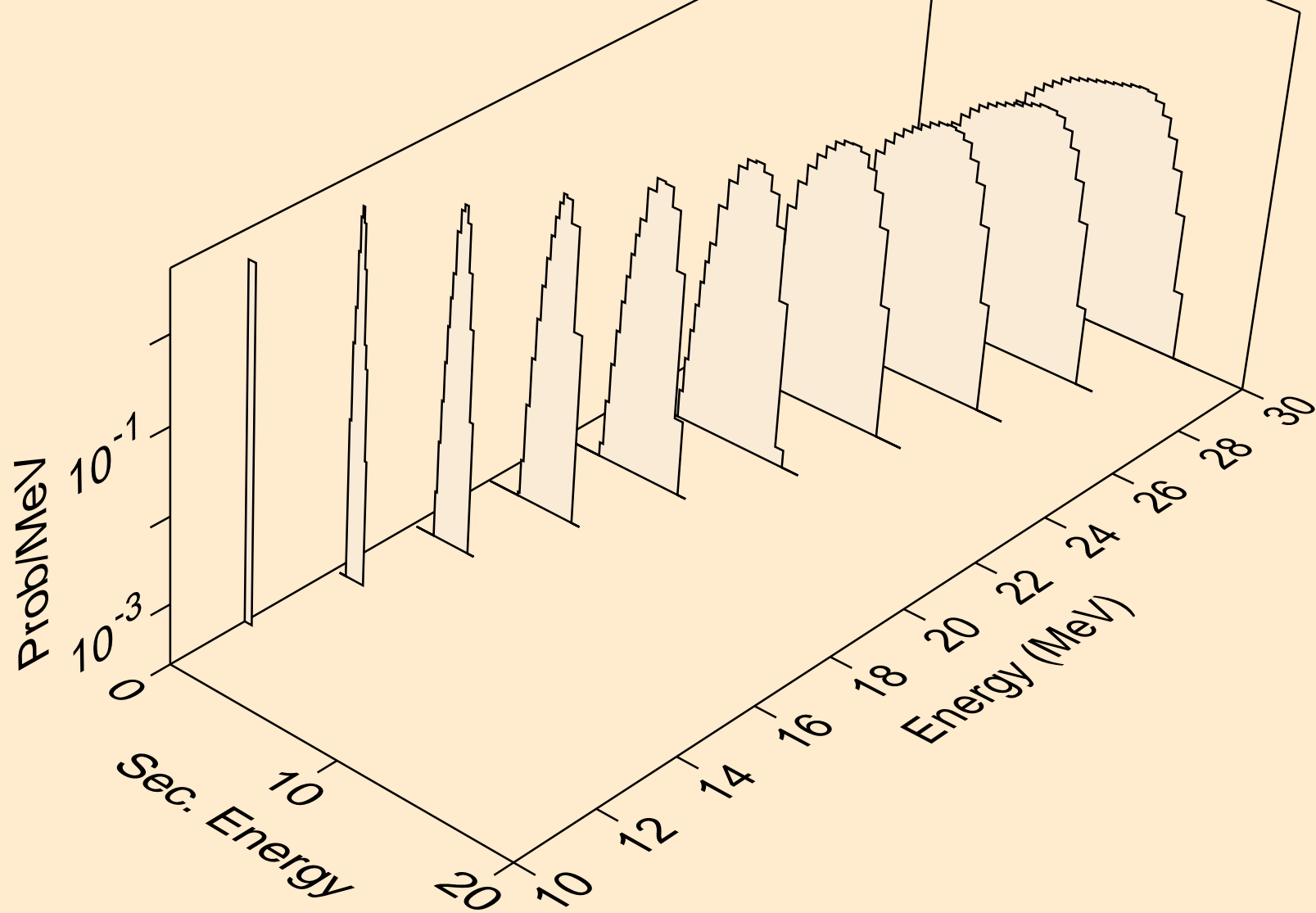




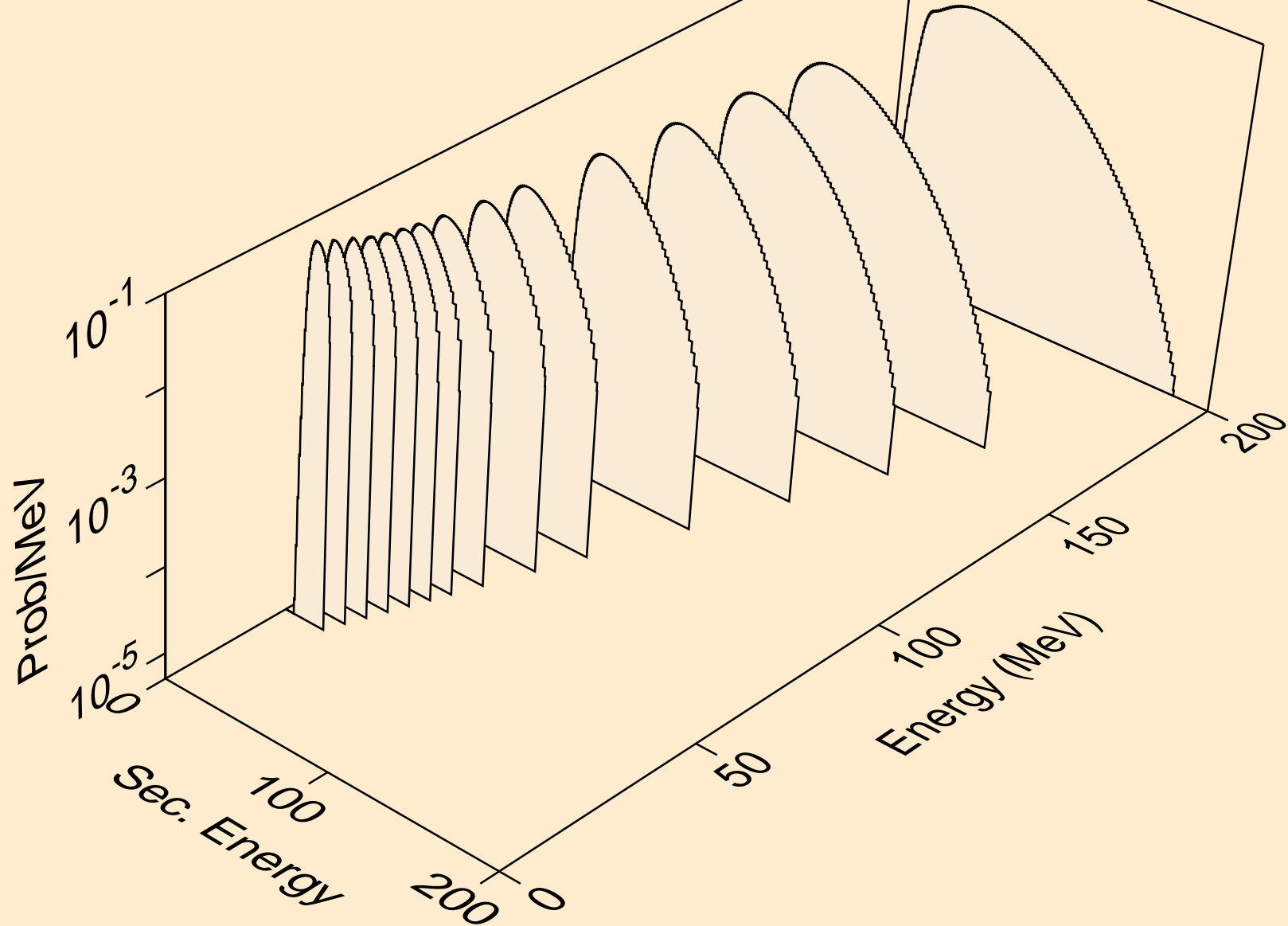
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tritons from (n,t2a)



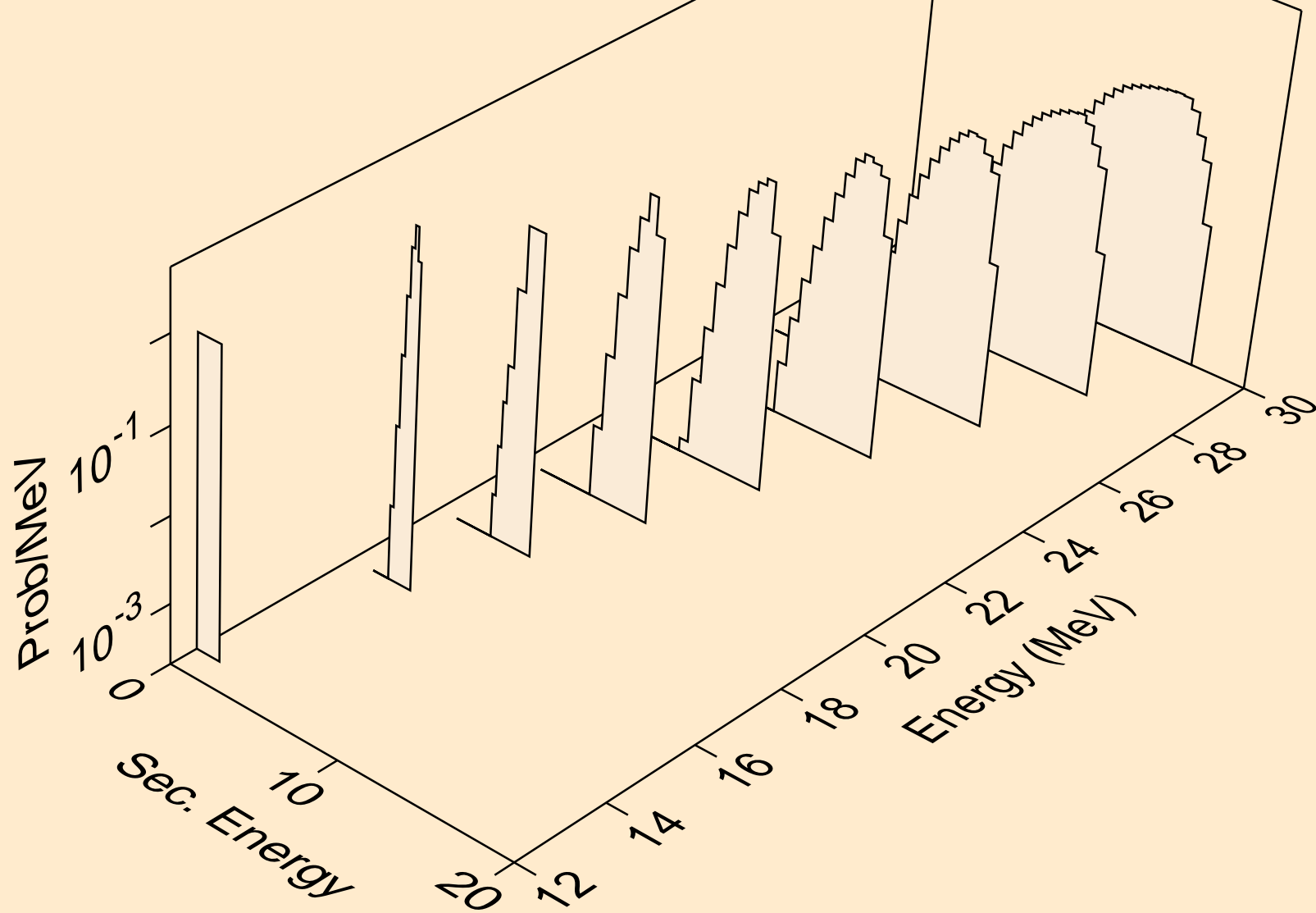
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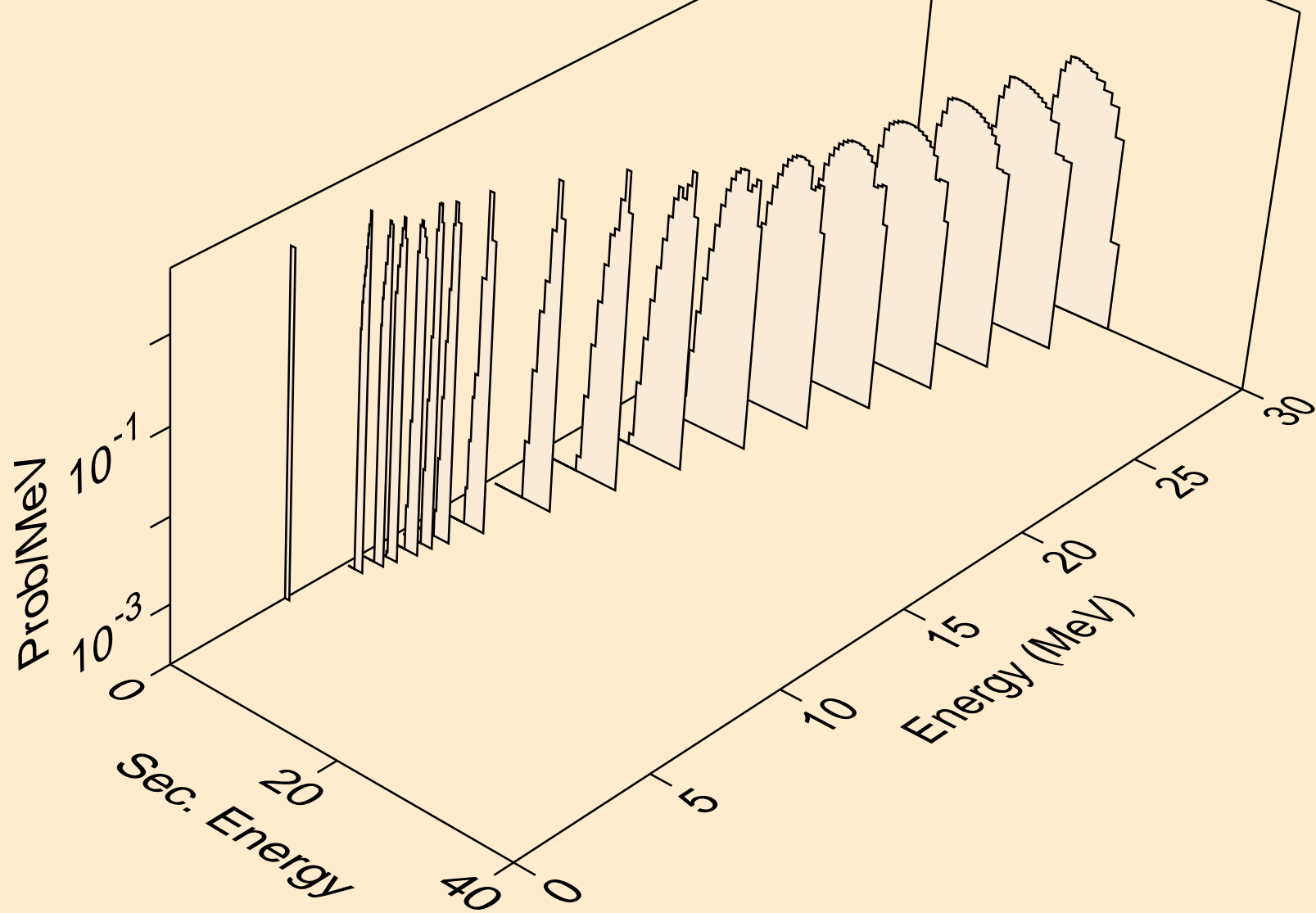
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he3s from (n,x)



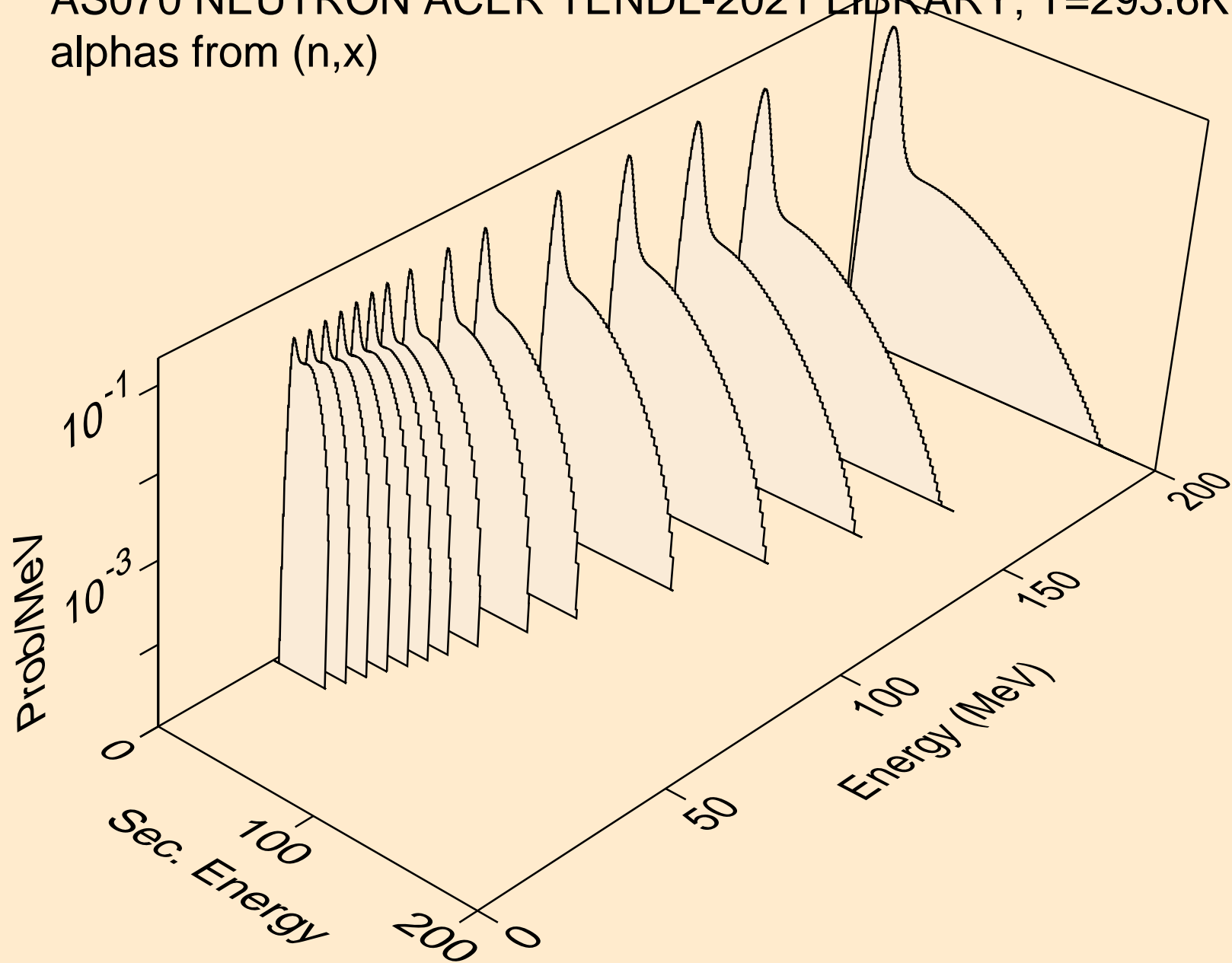
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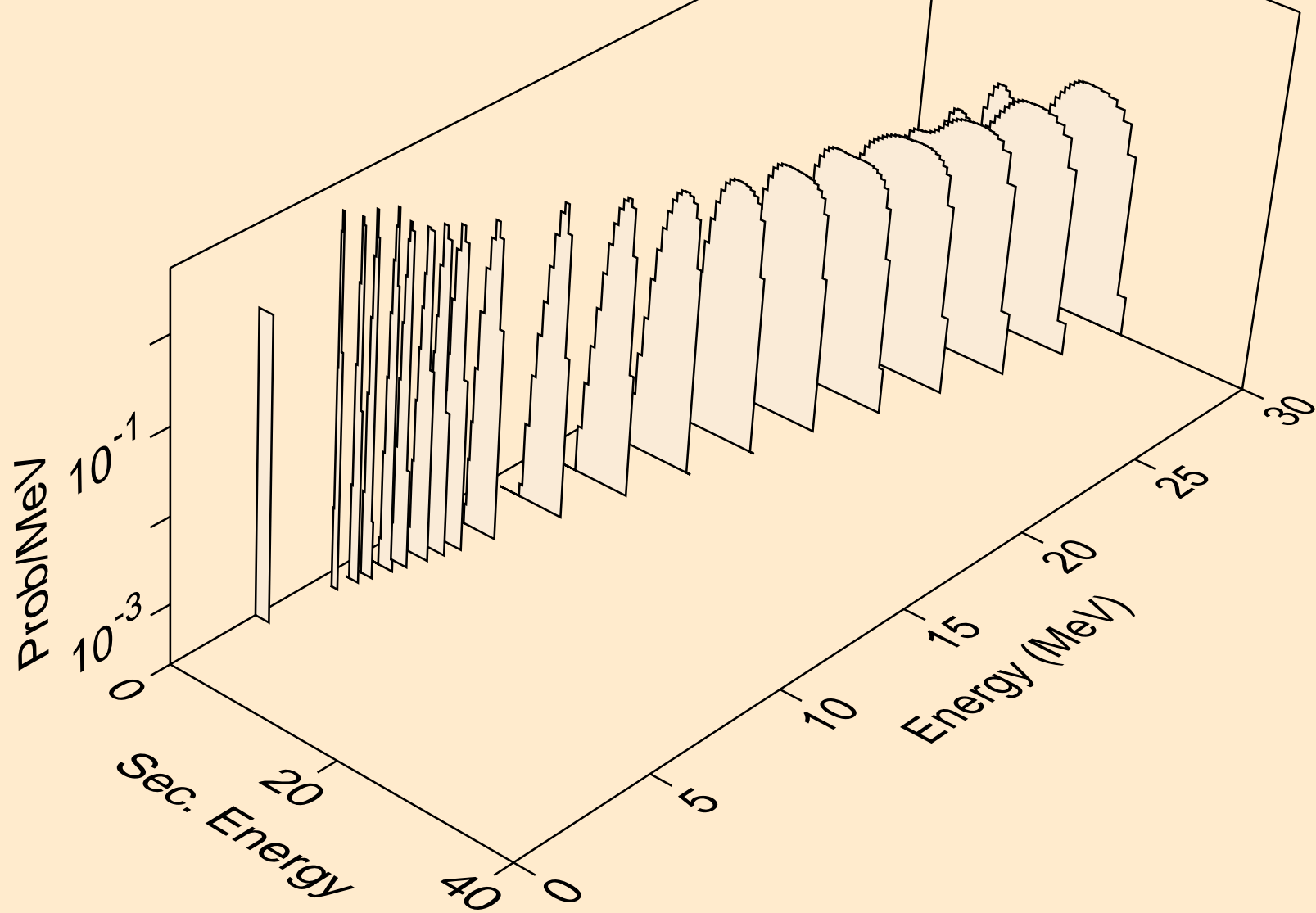
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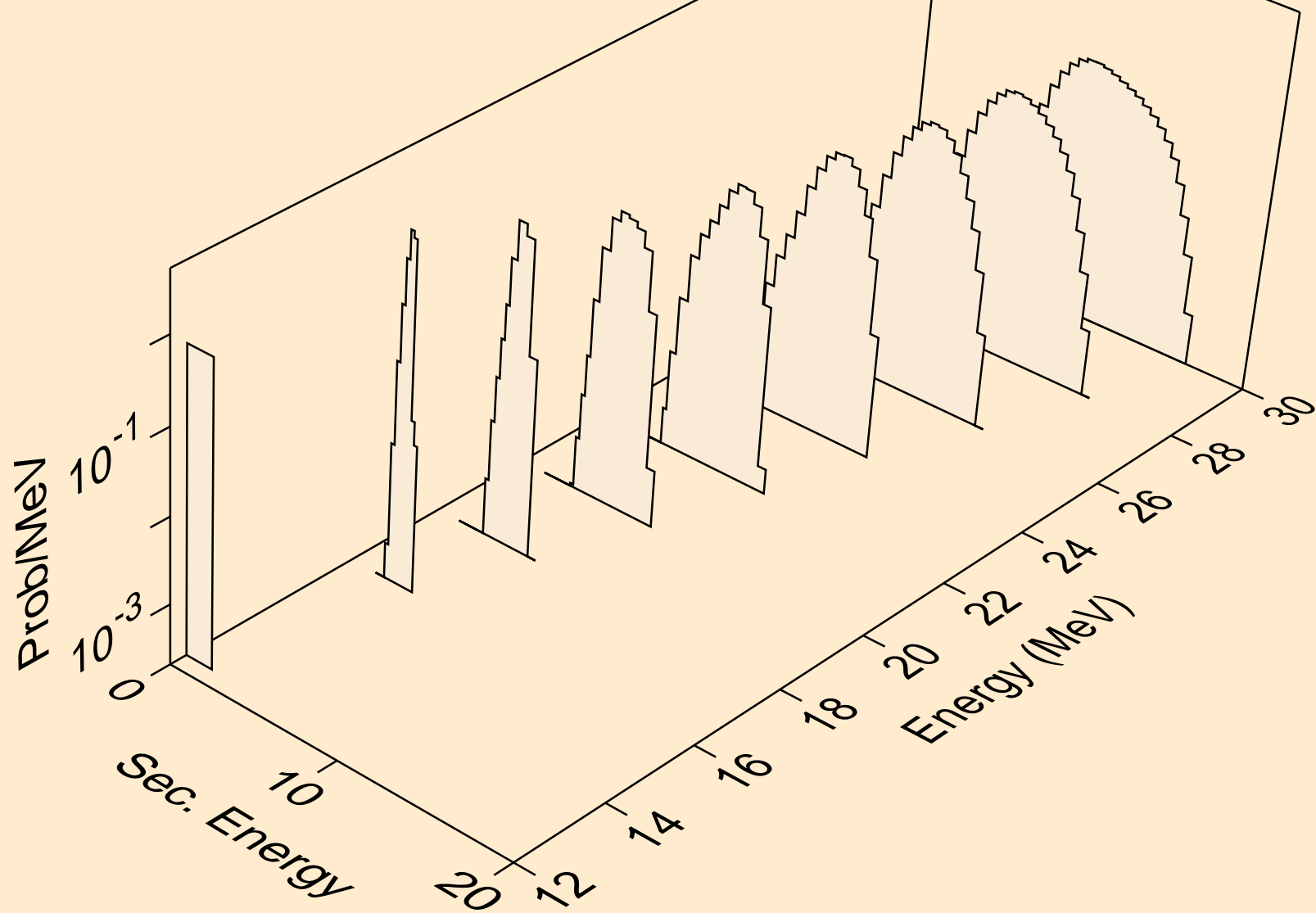
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

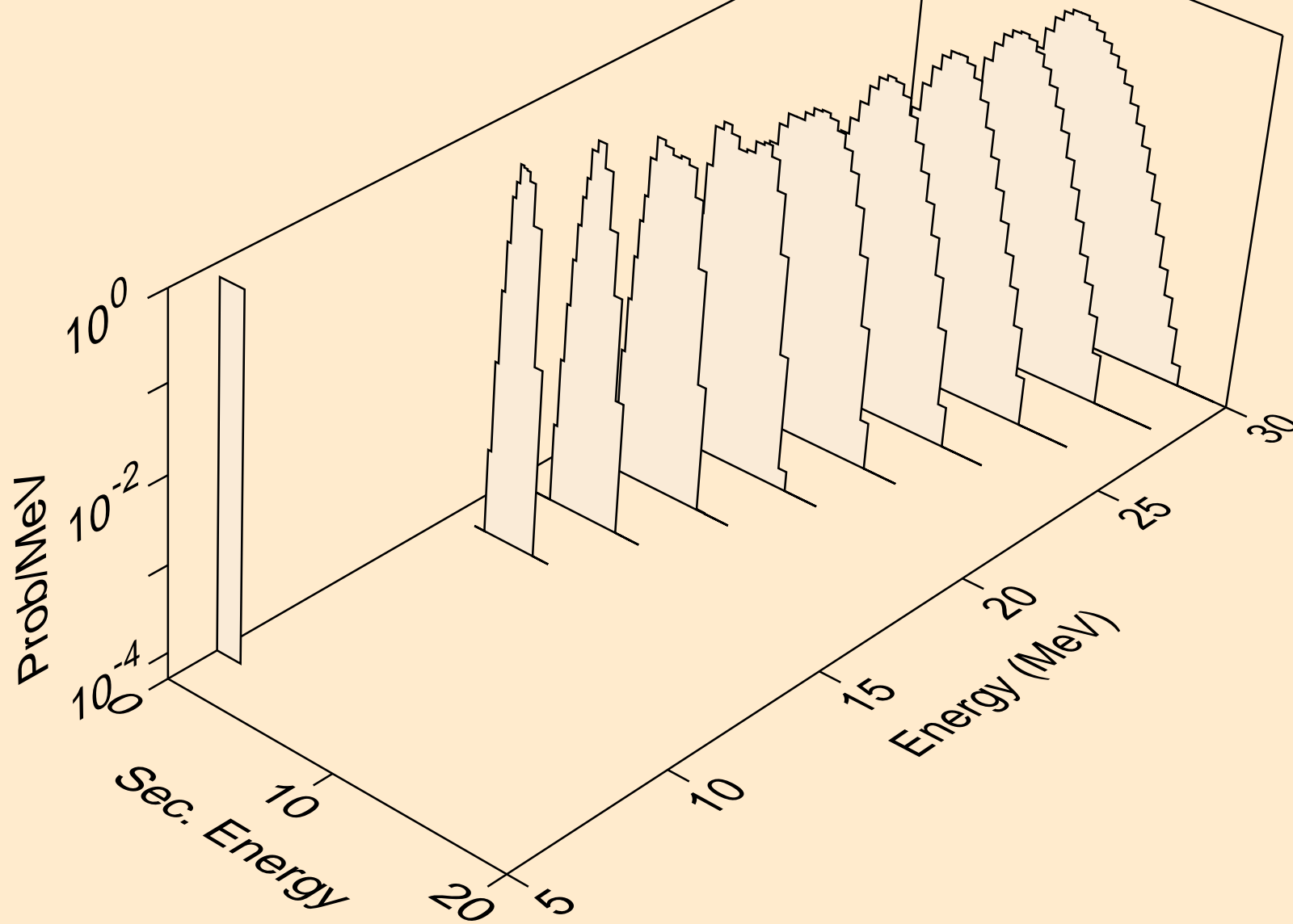


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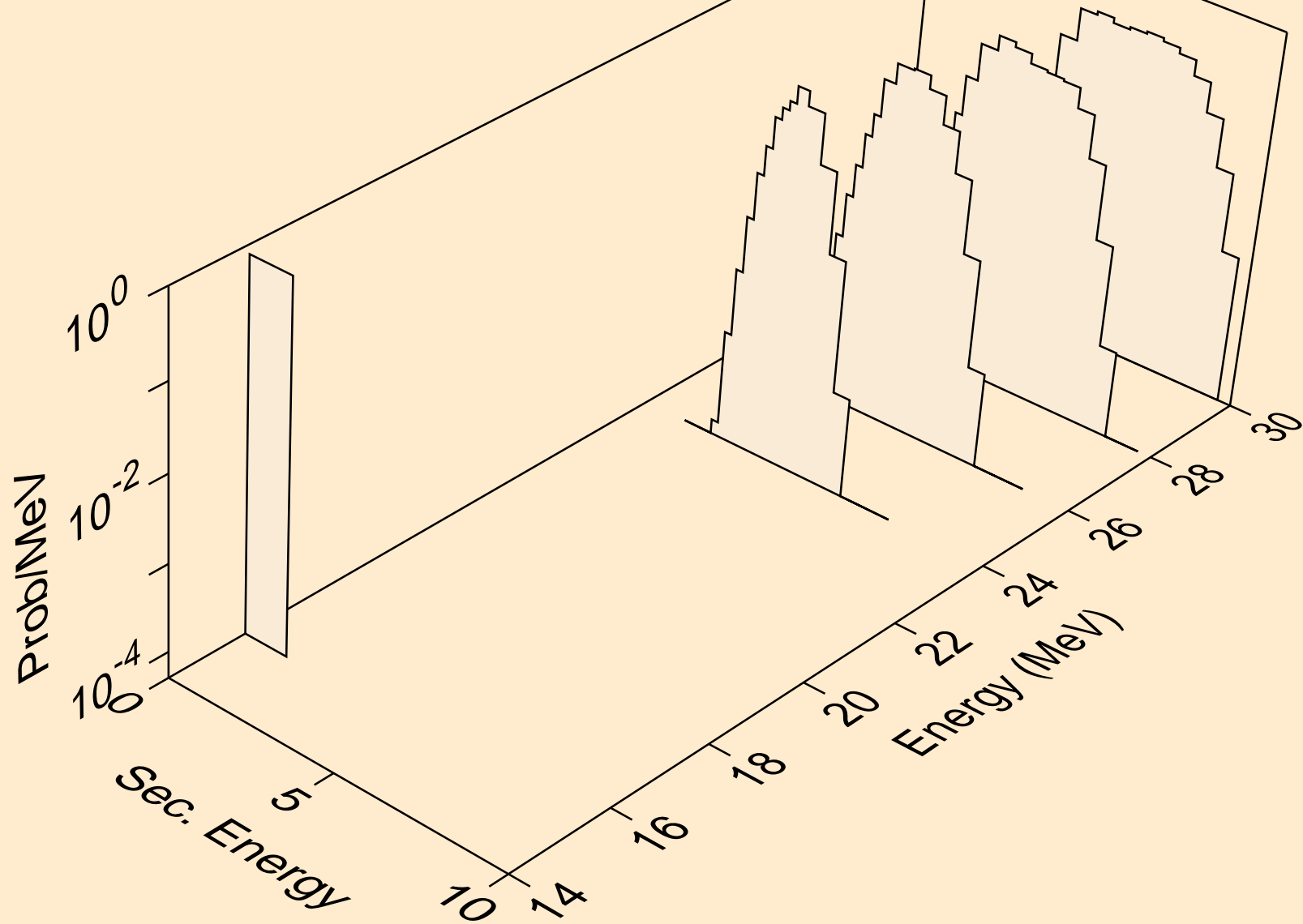




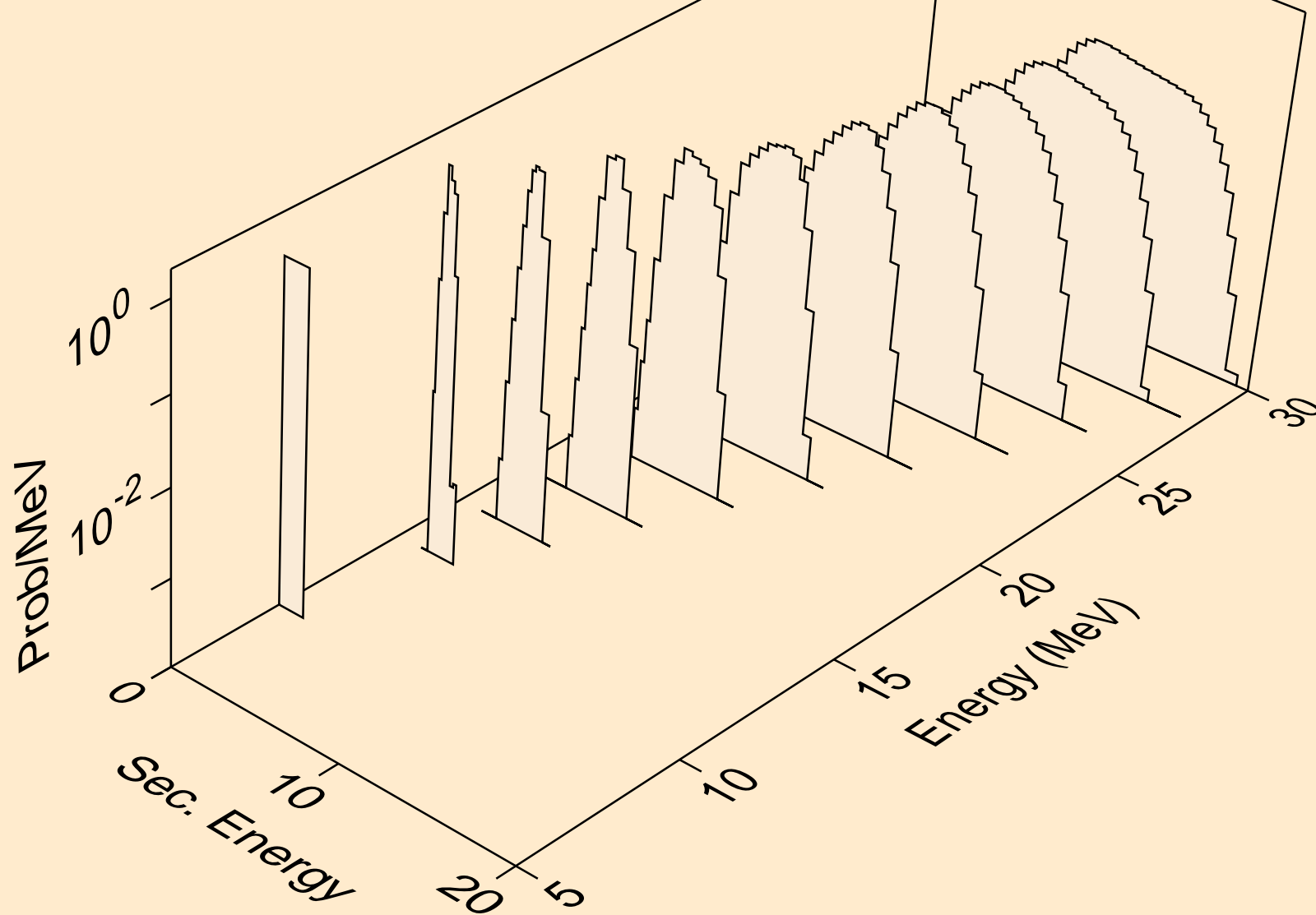
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alphas from (n,n\*)2a



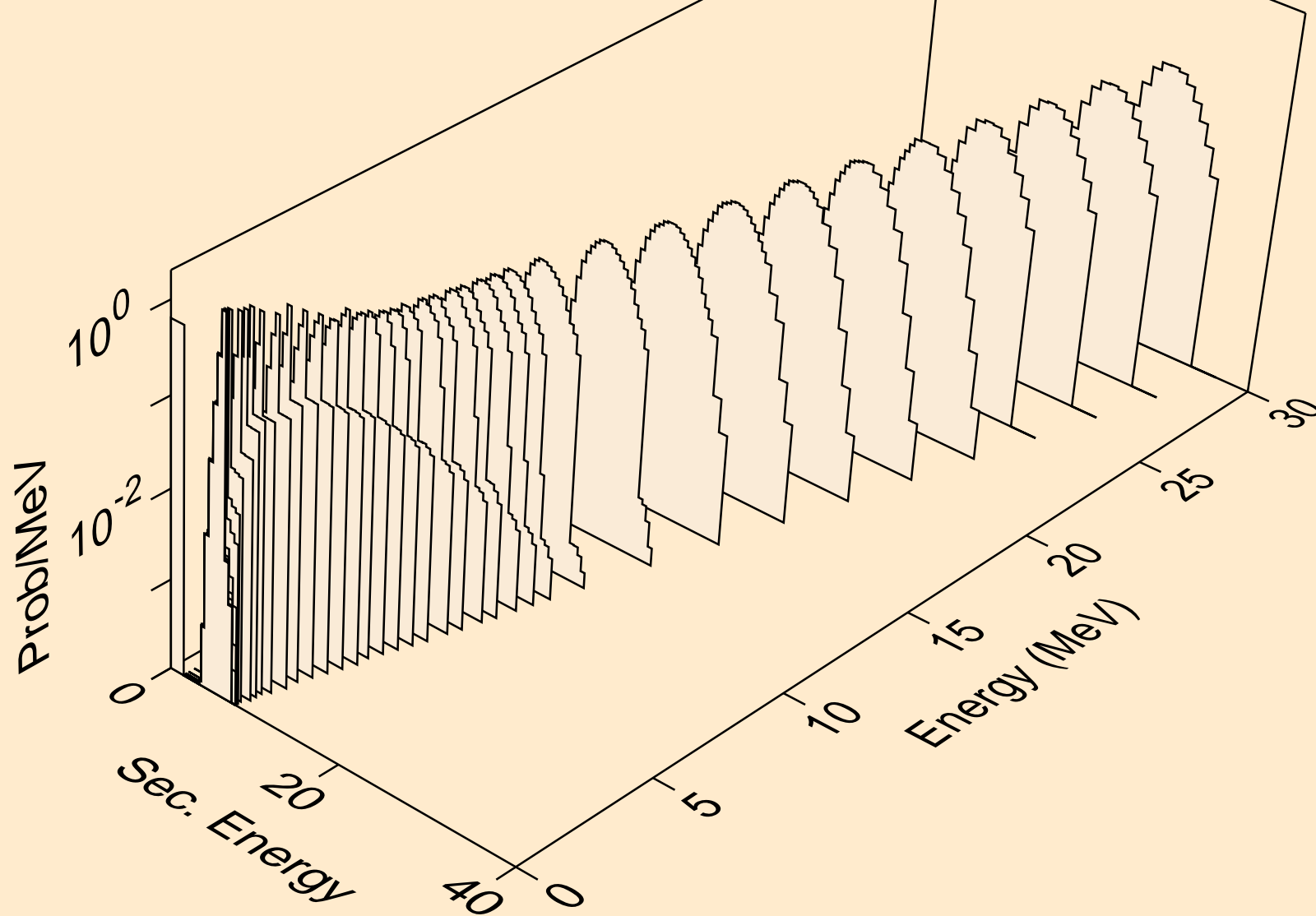
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alphas from (n,2n)2a



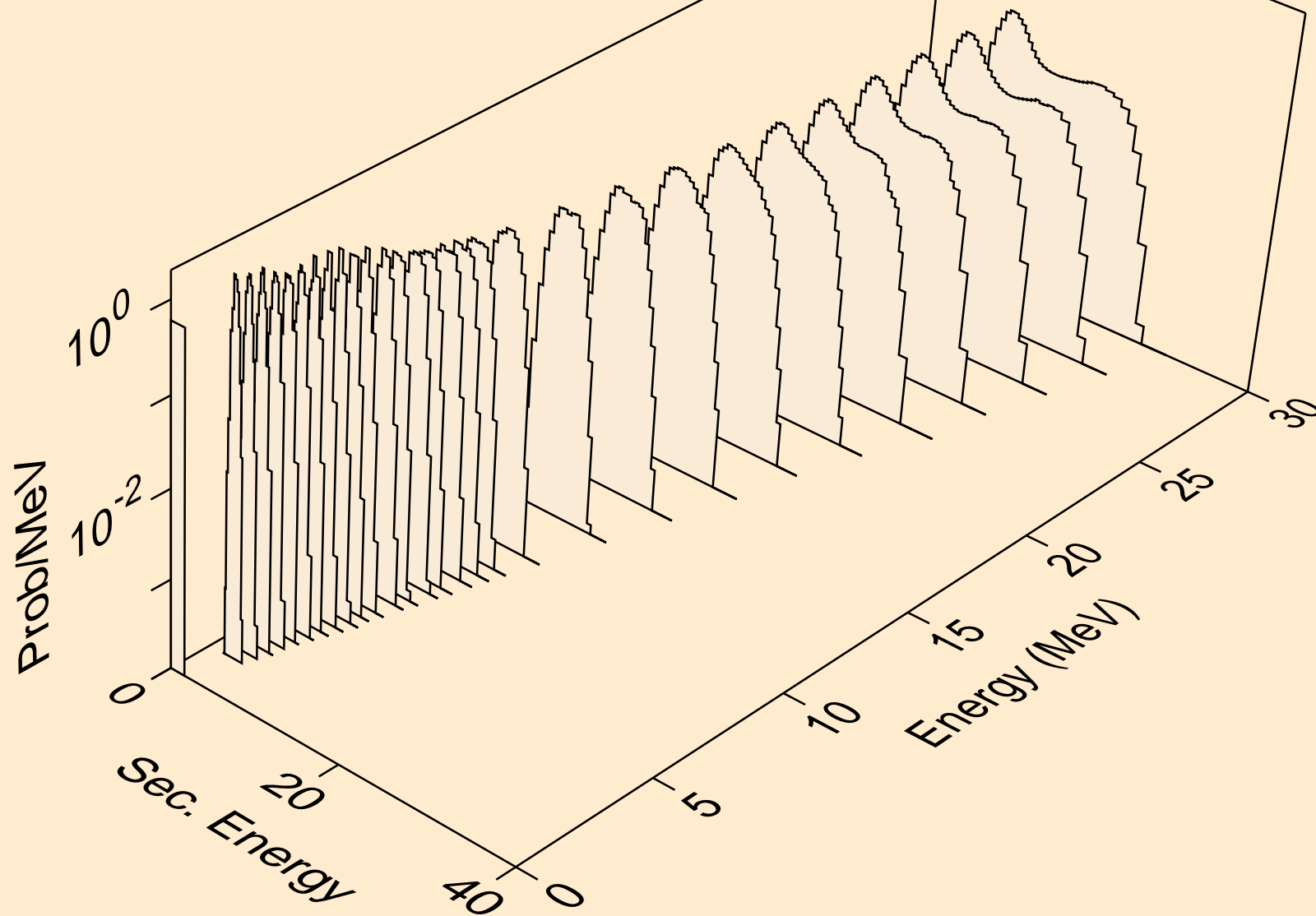
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alphas from (n,npa)



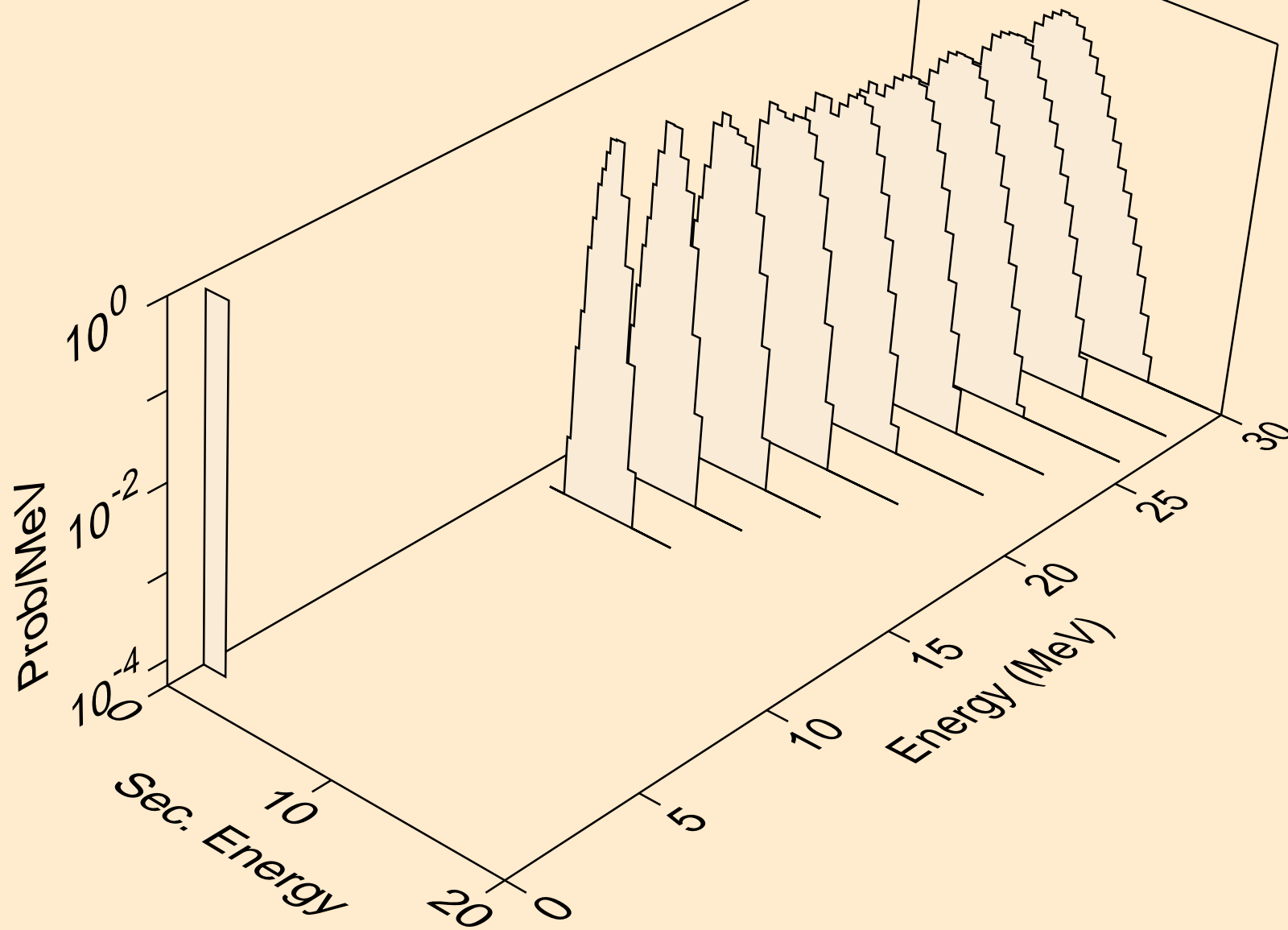
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alphas from (n,a)



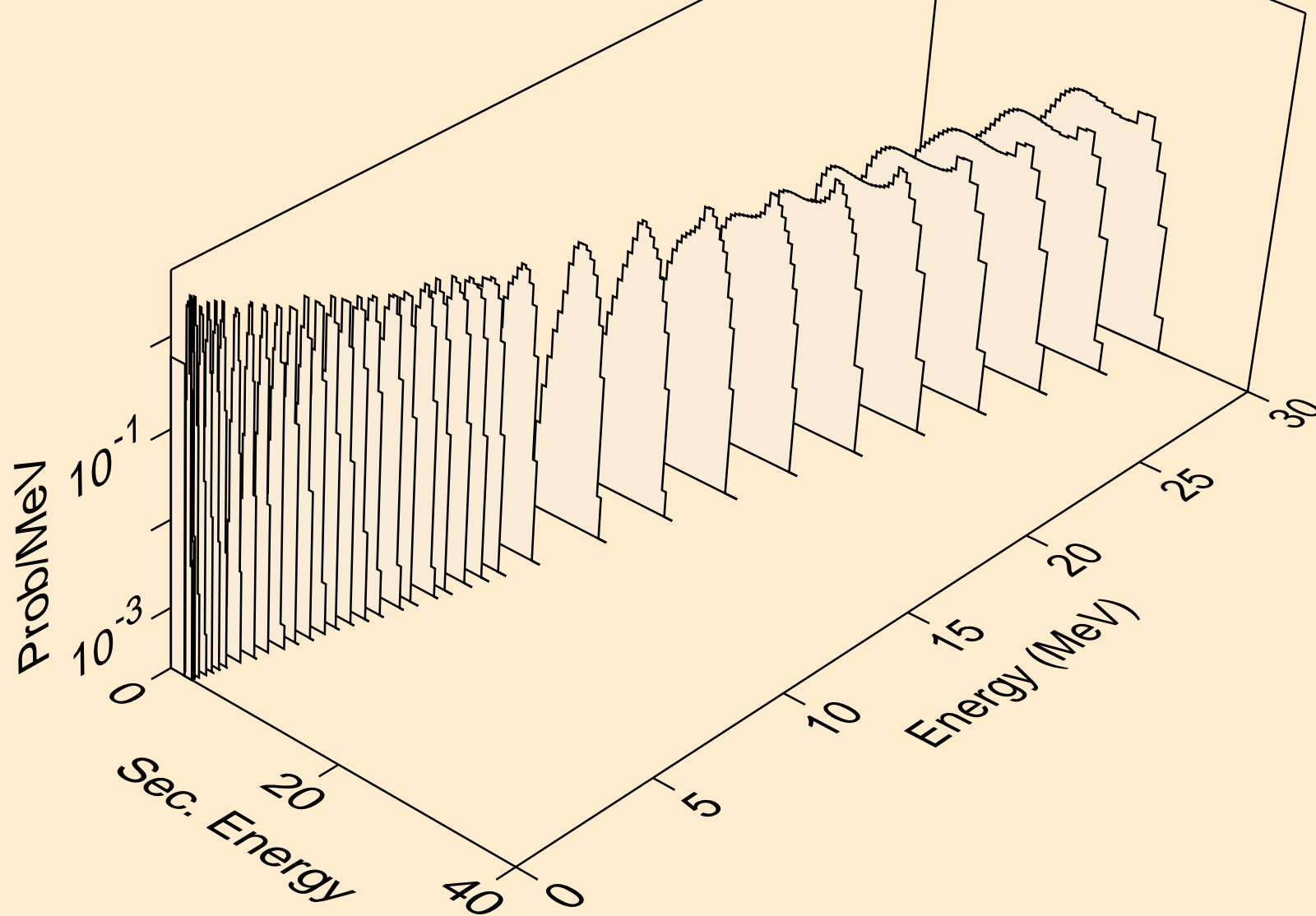
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alphas from (n,2a)



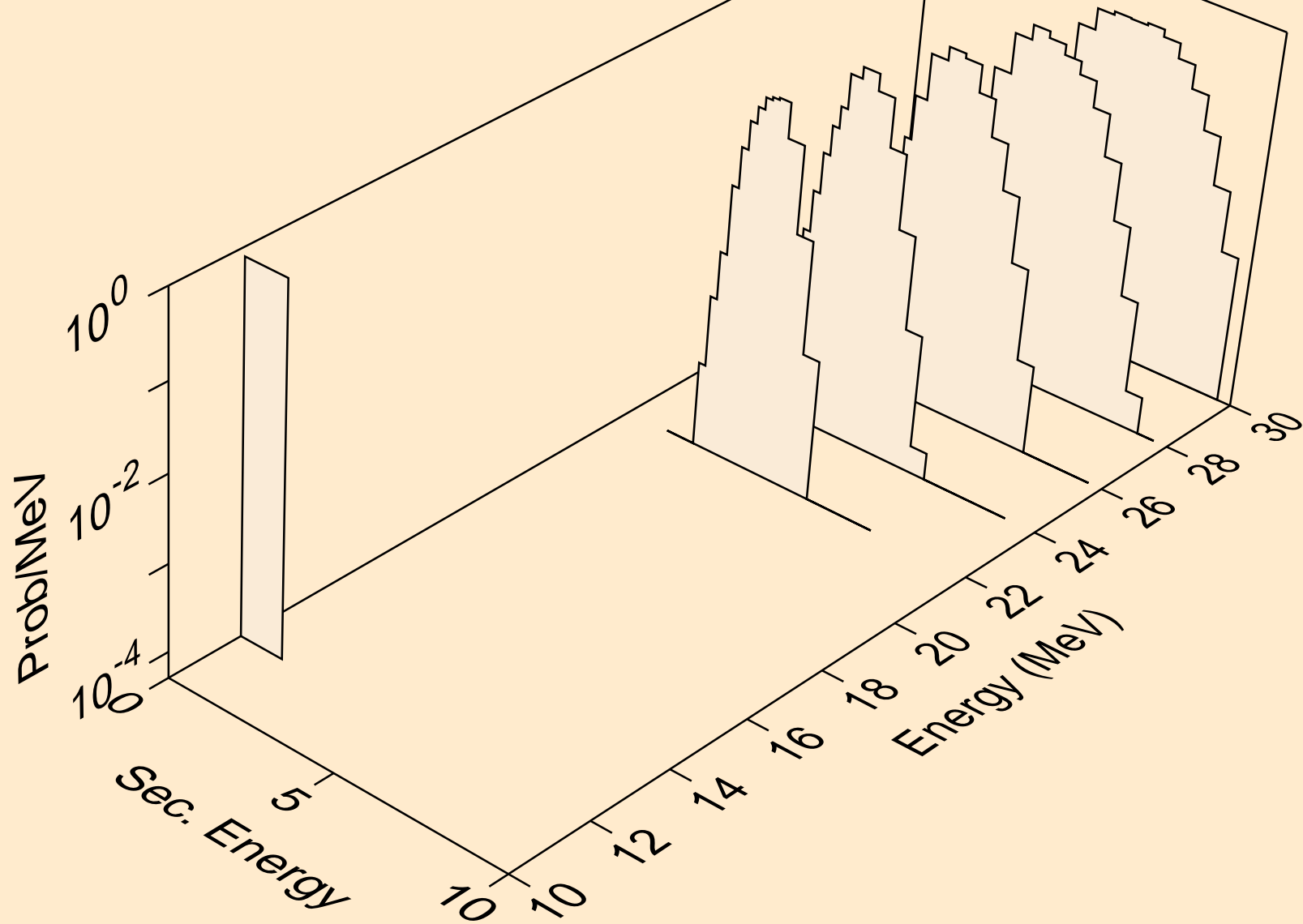
AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

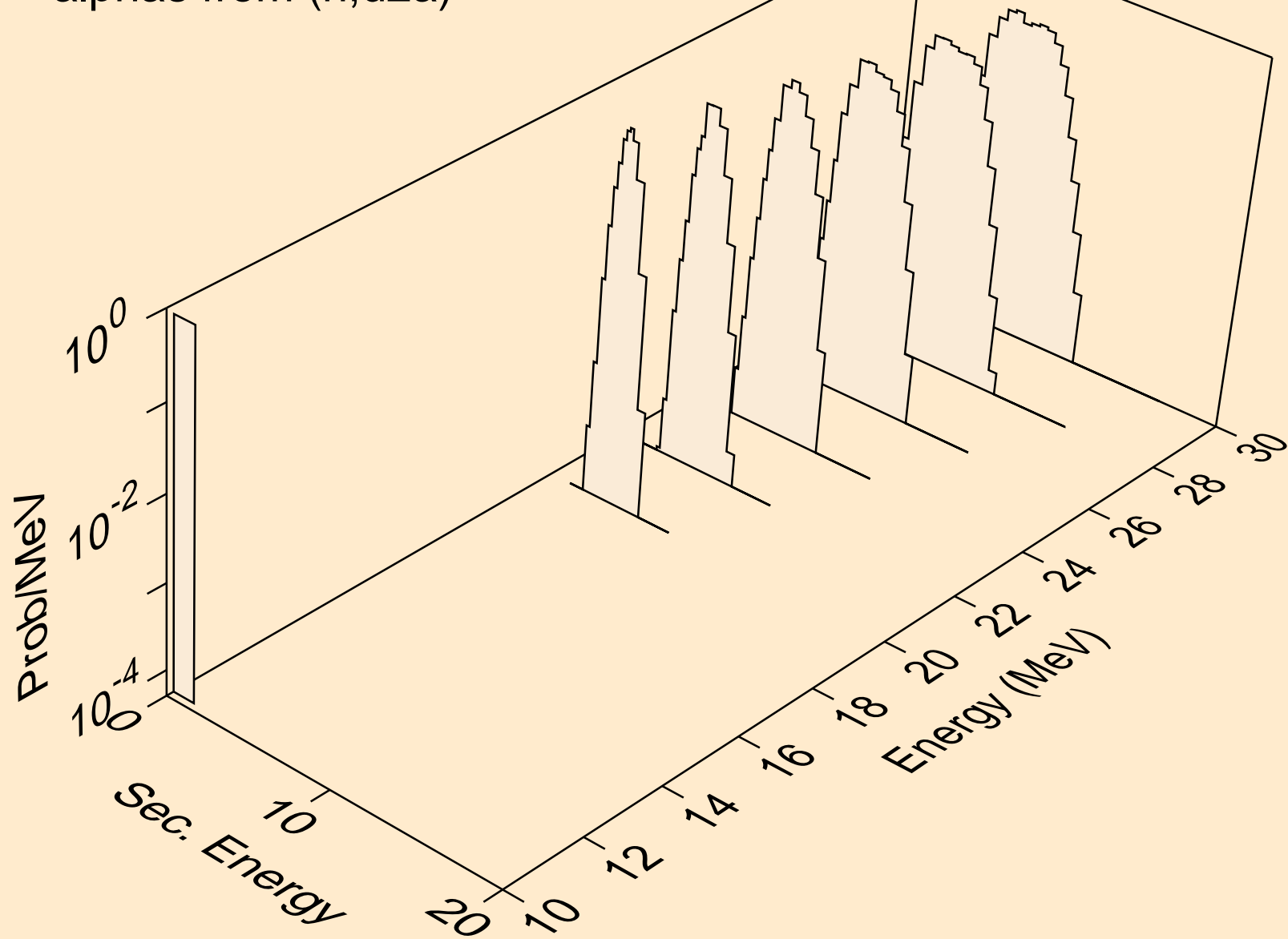


AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,t2a)





AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



AS070 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

