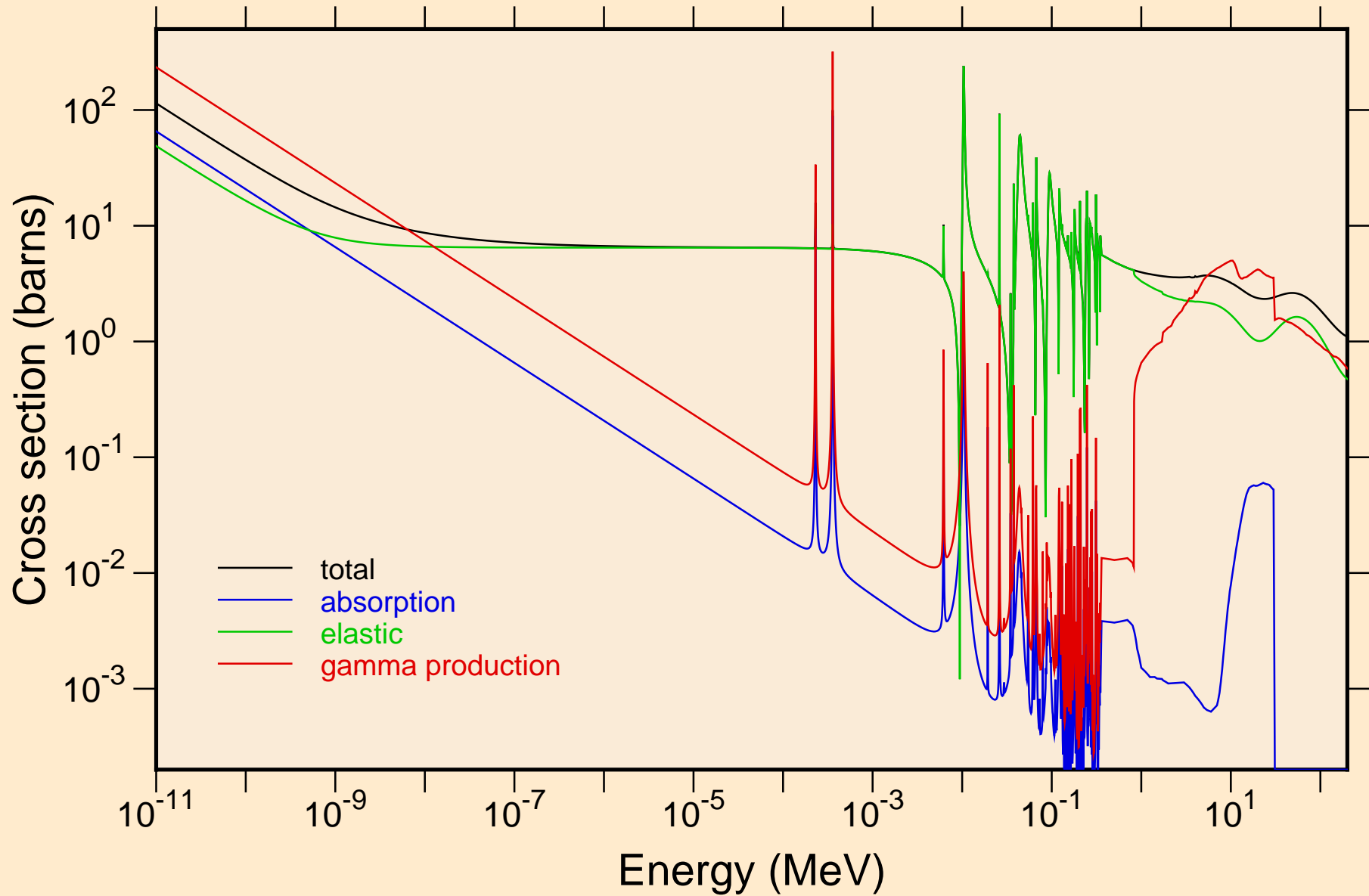
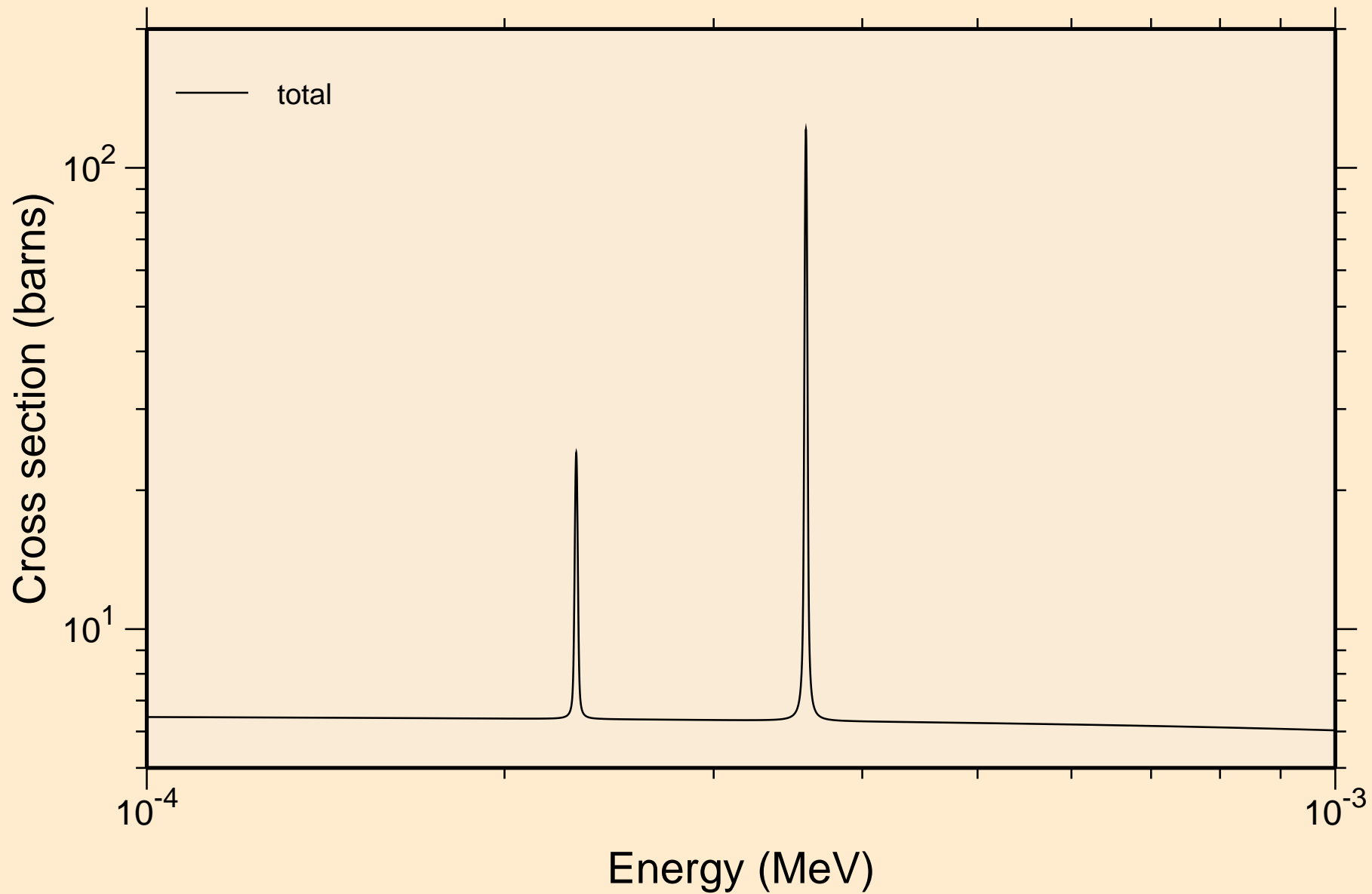


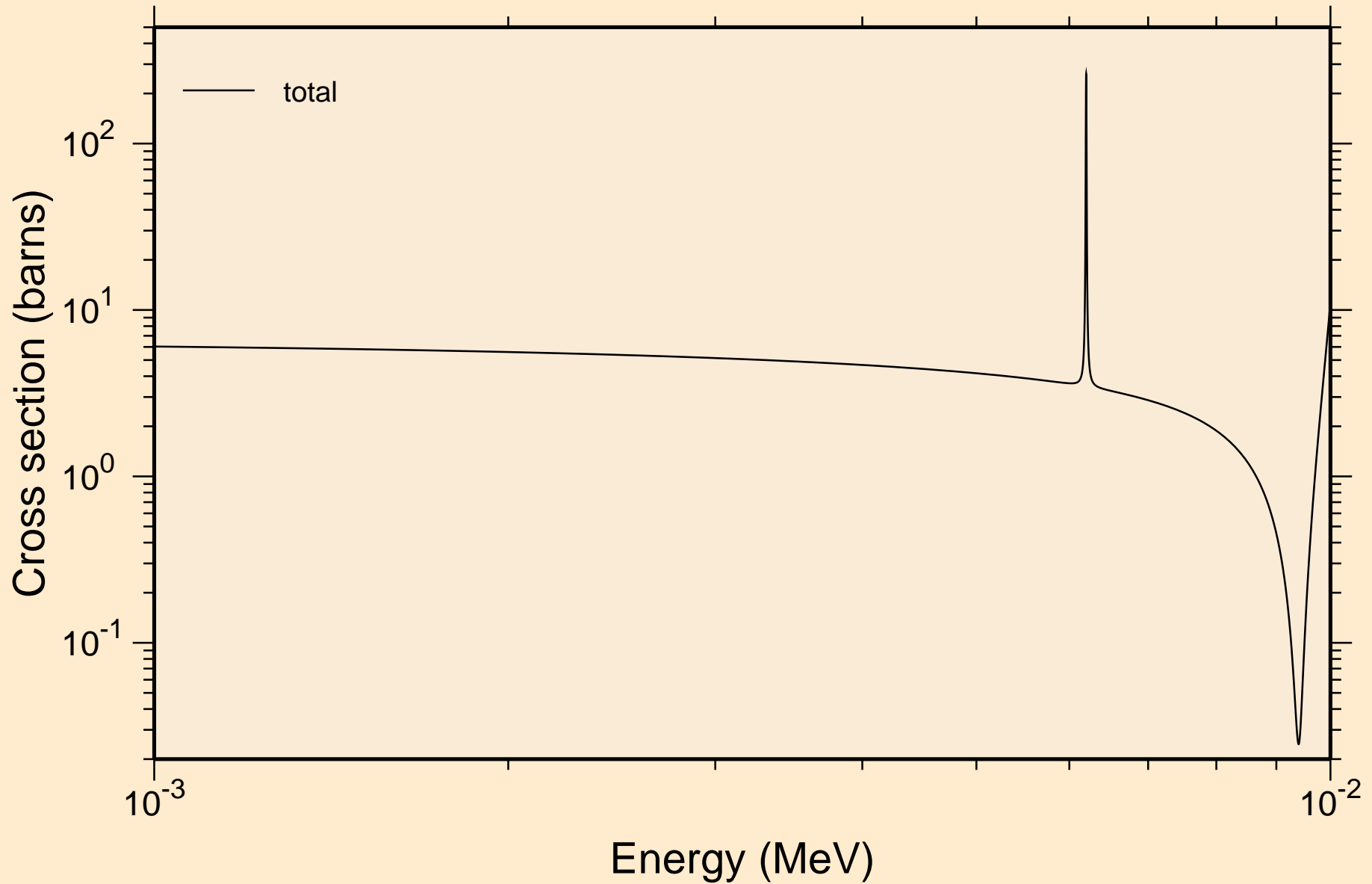
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



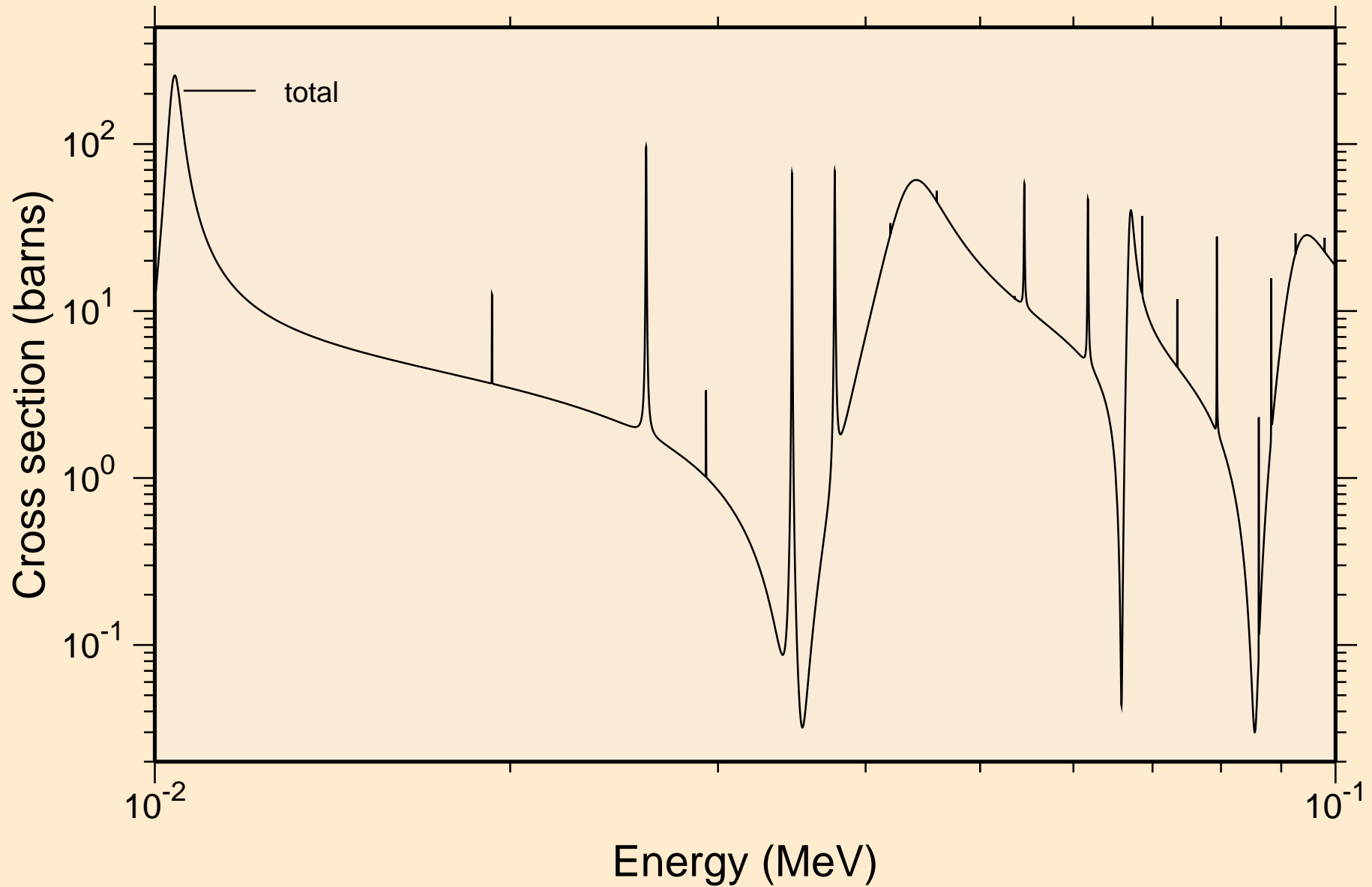
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



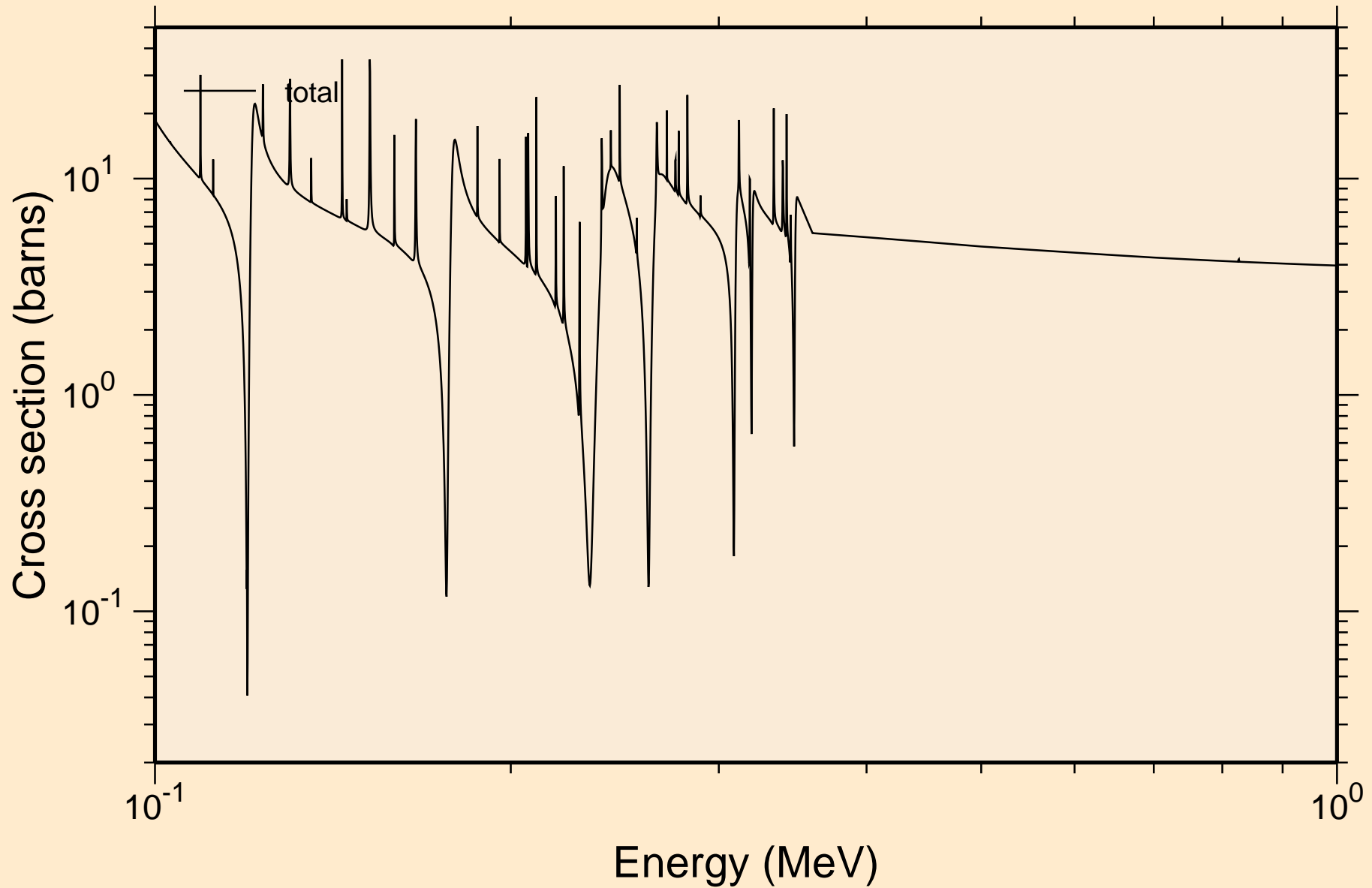
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



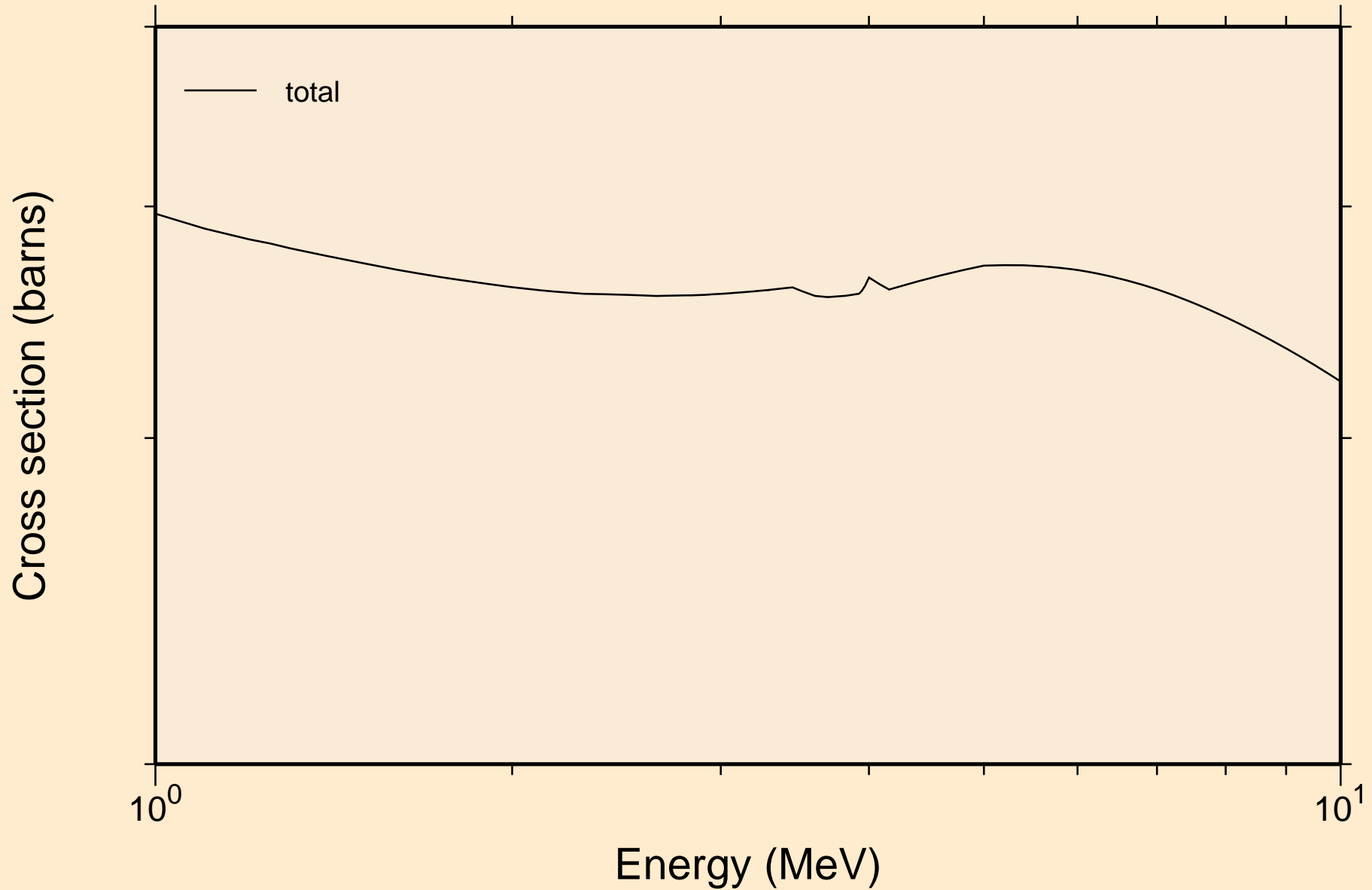
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



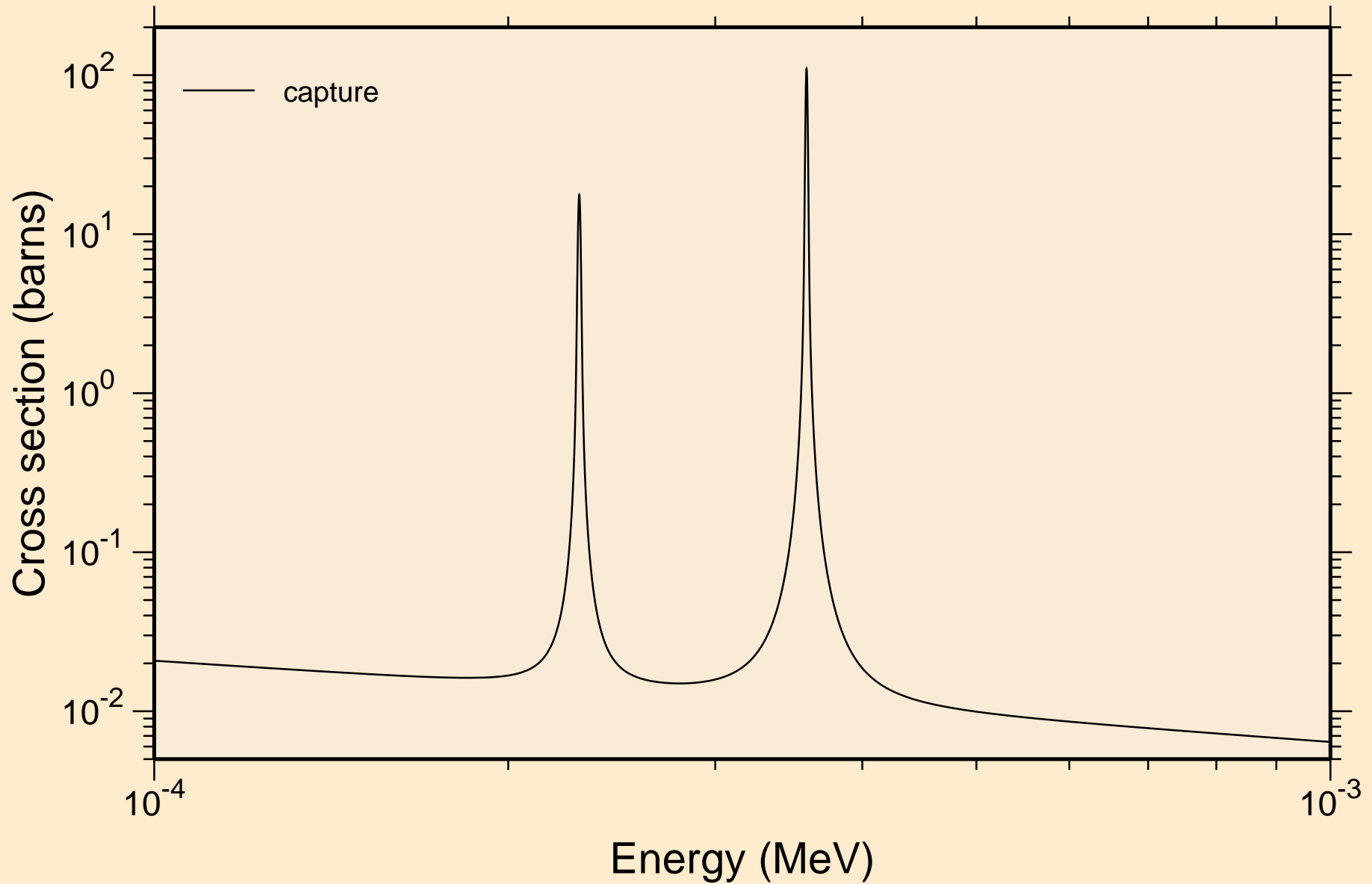
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



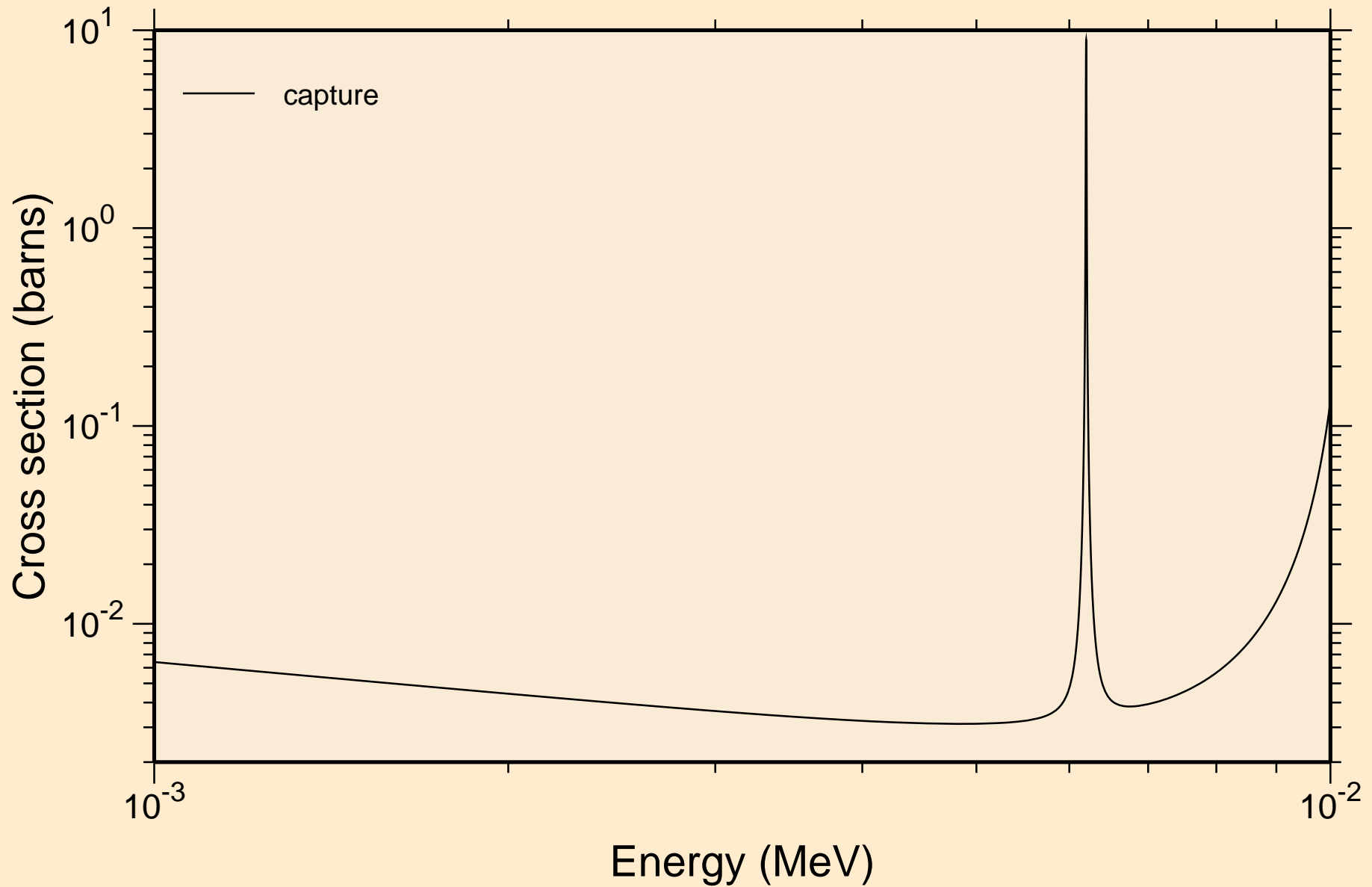
F<sup>58</sup> NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

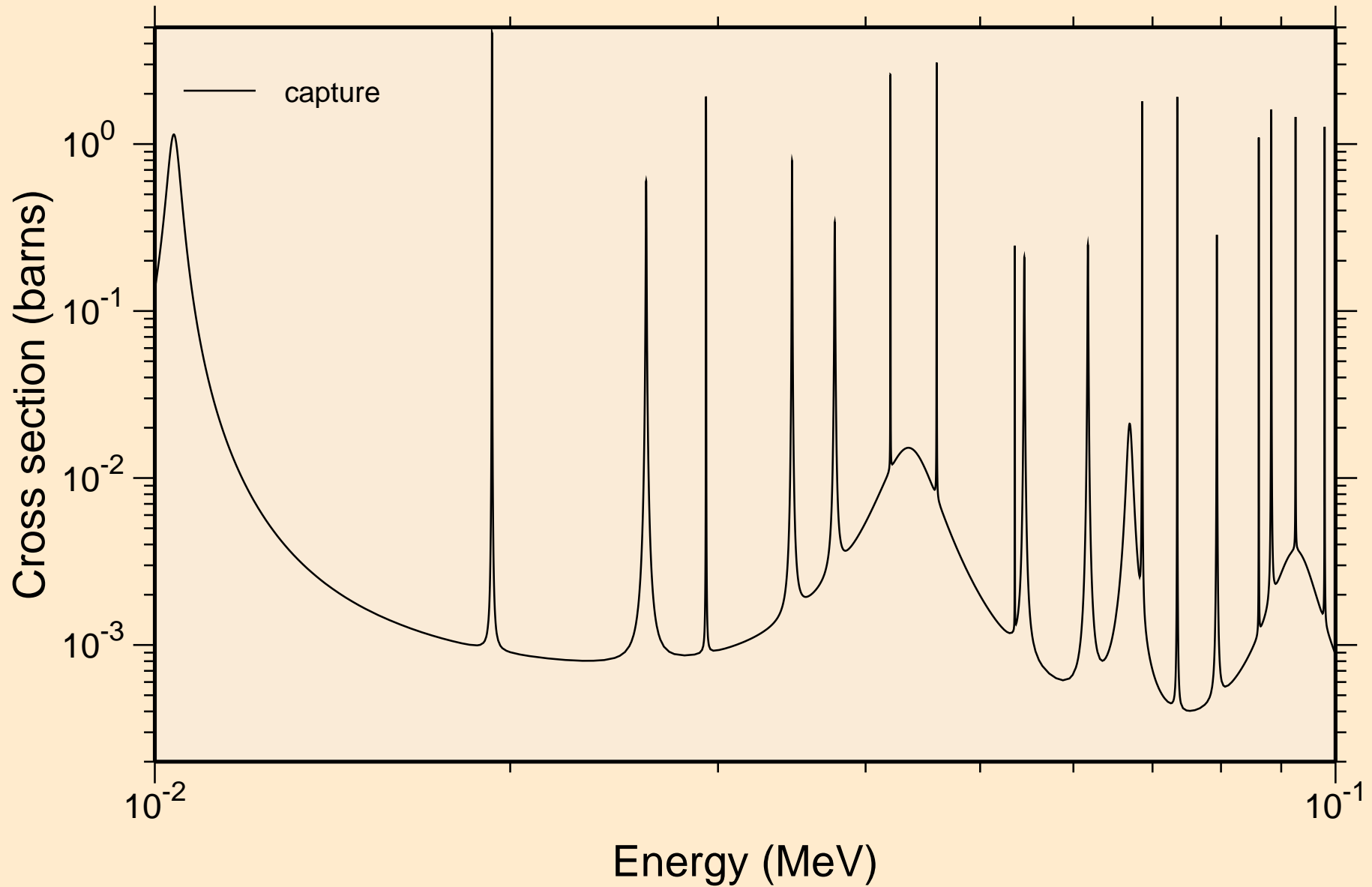


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

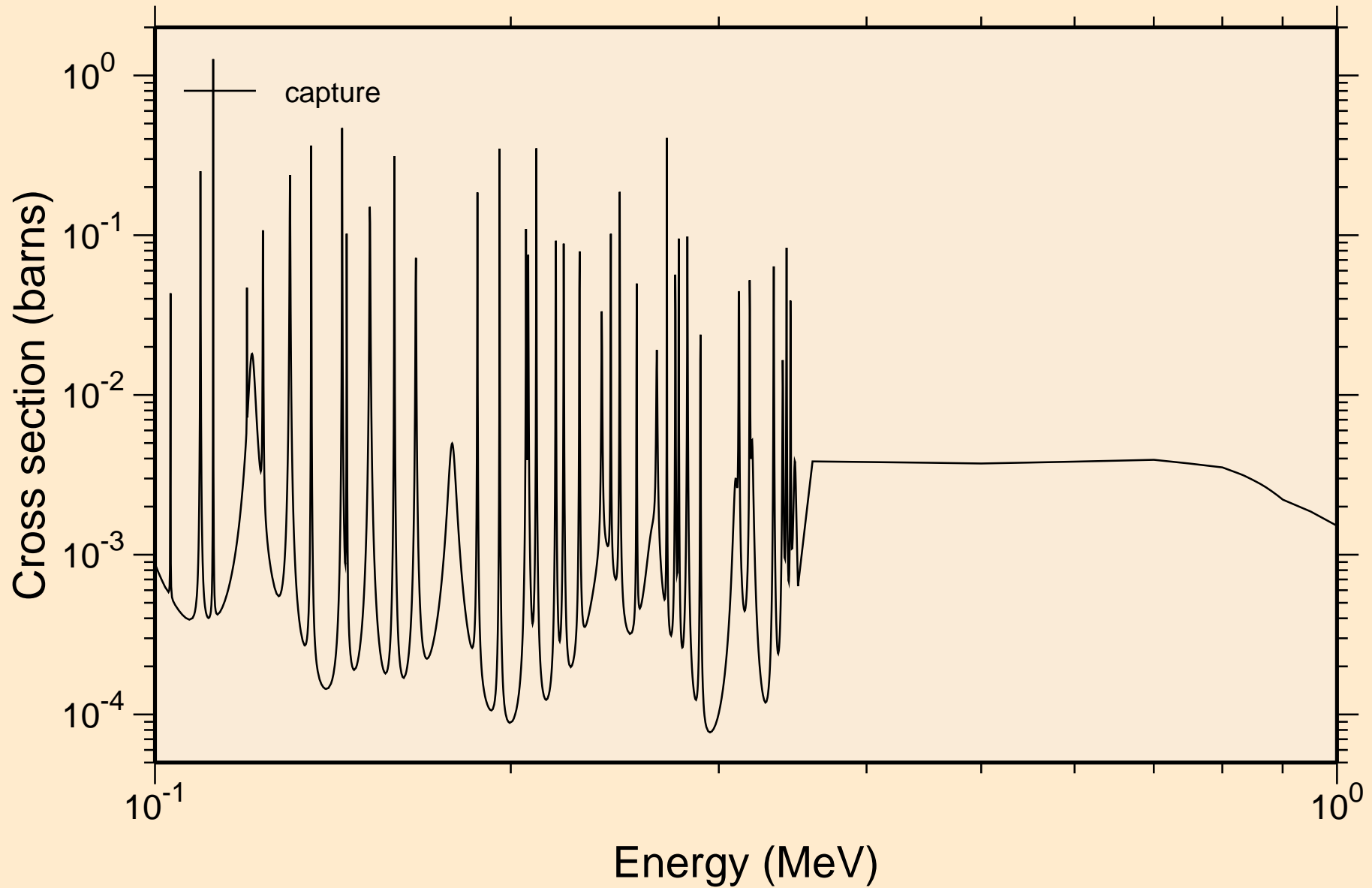




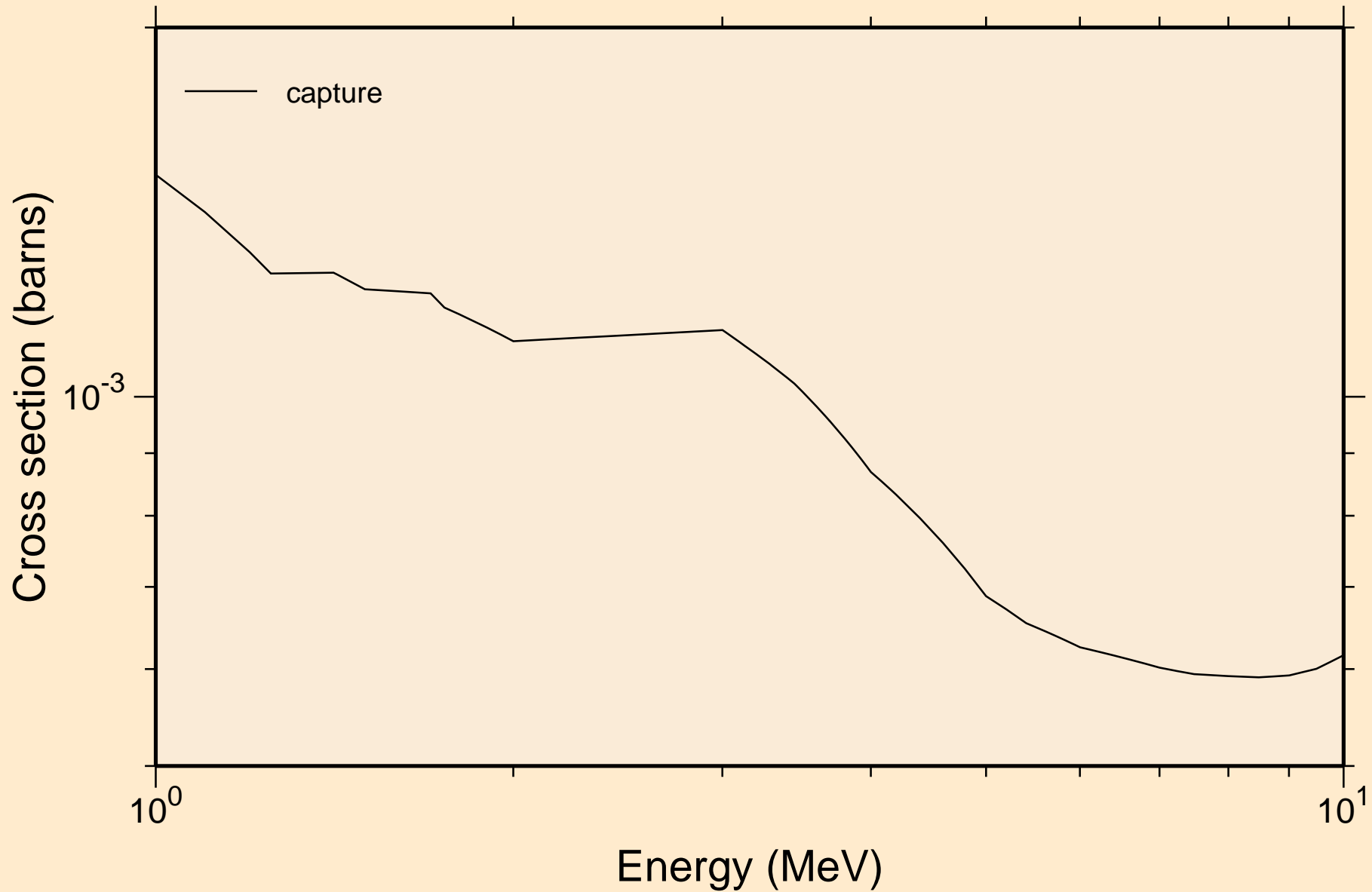
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



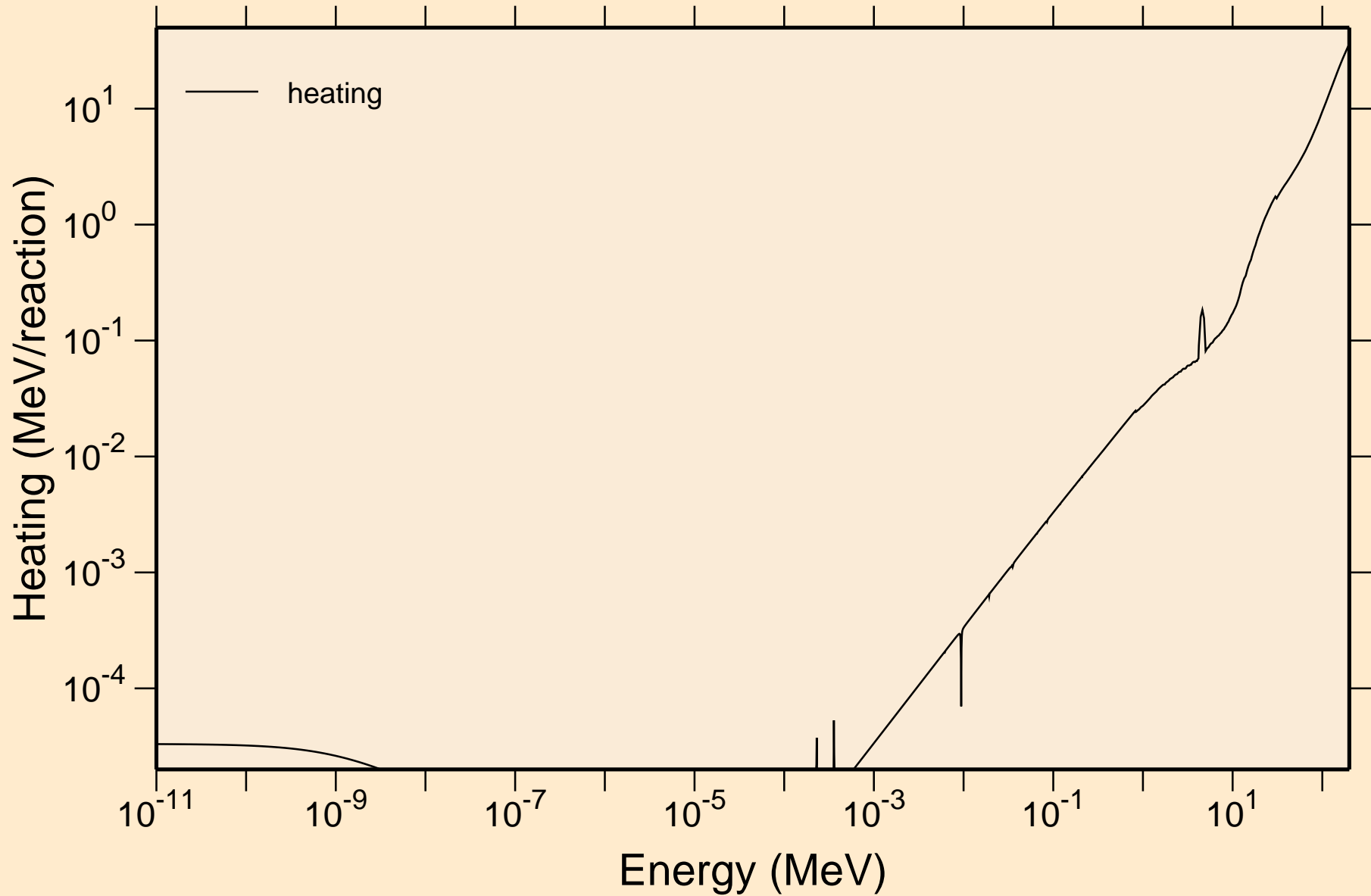
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

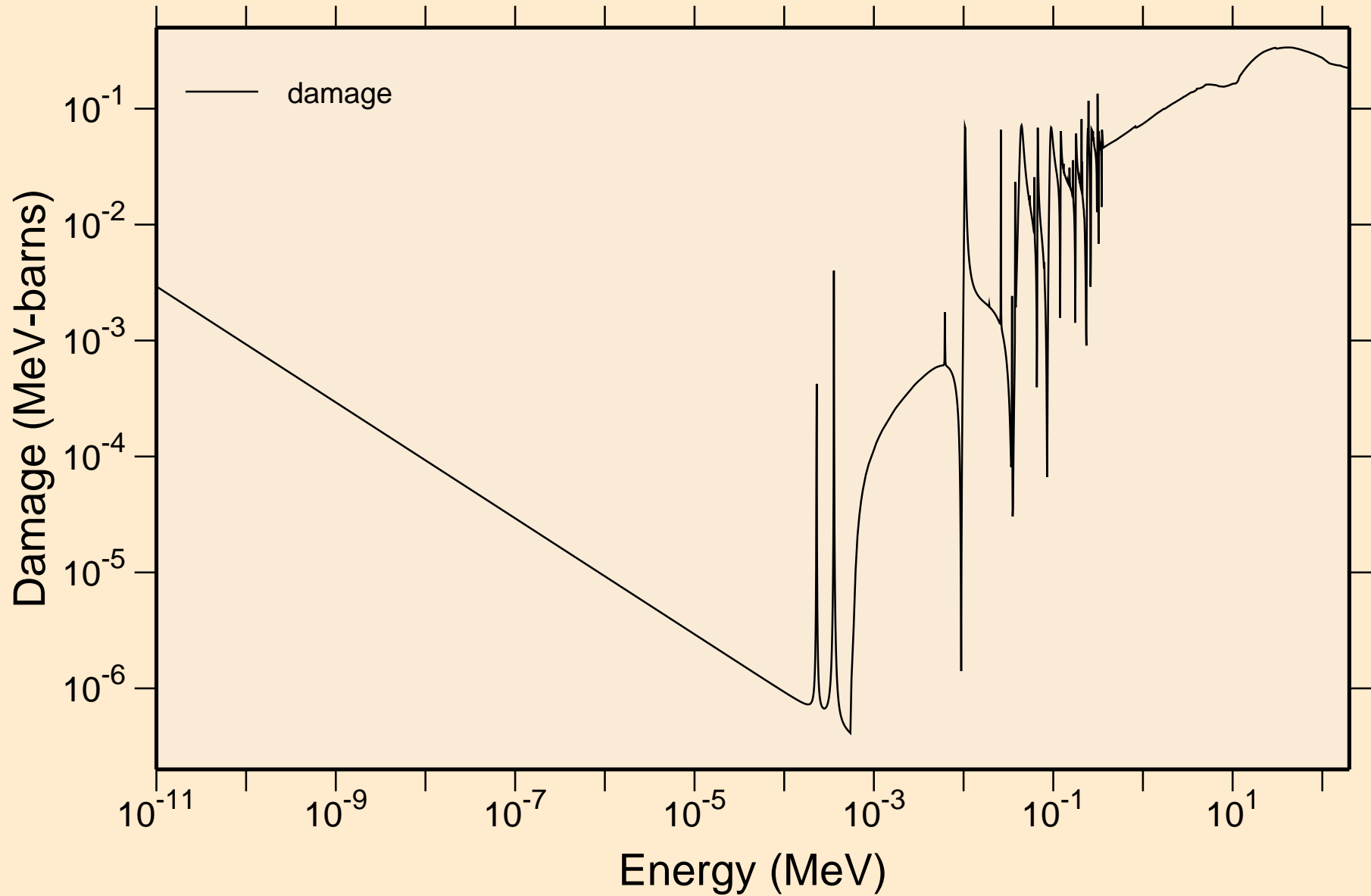


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

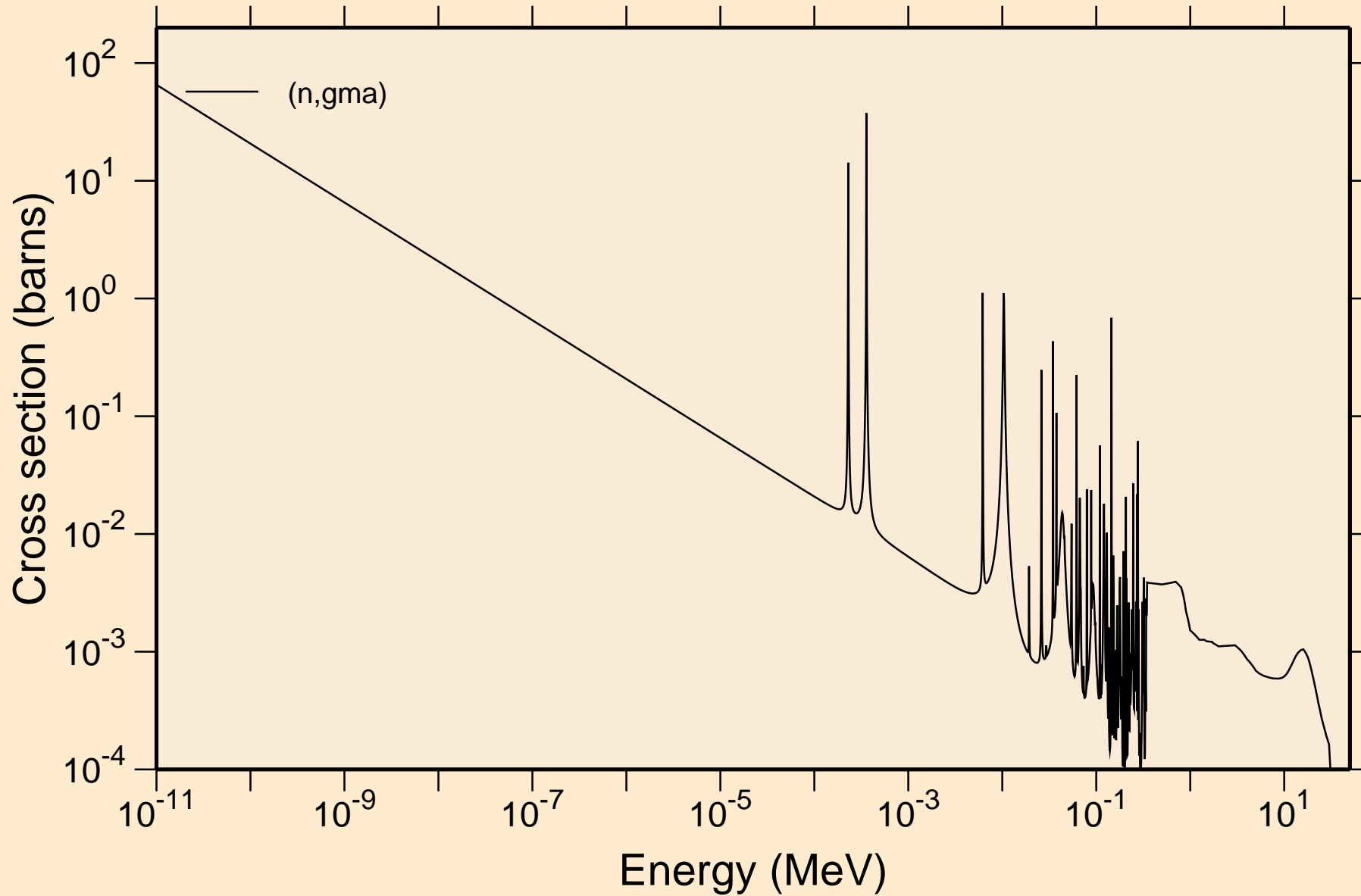


# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

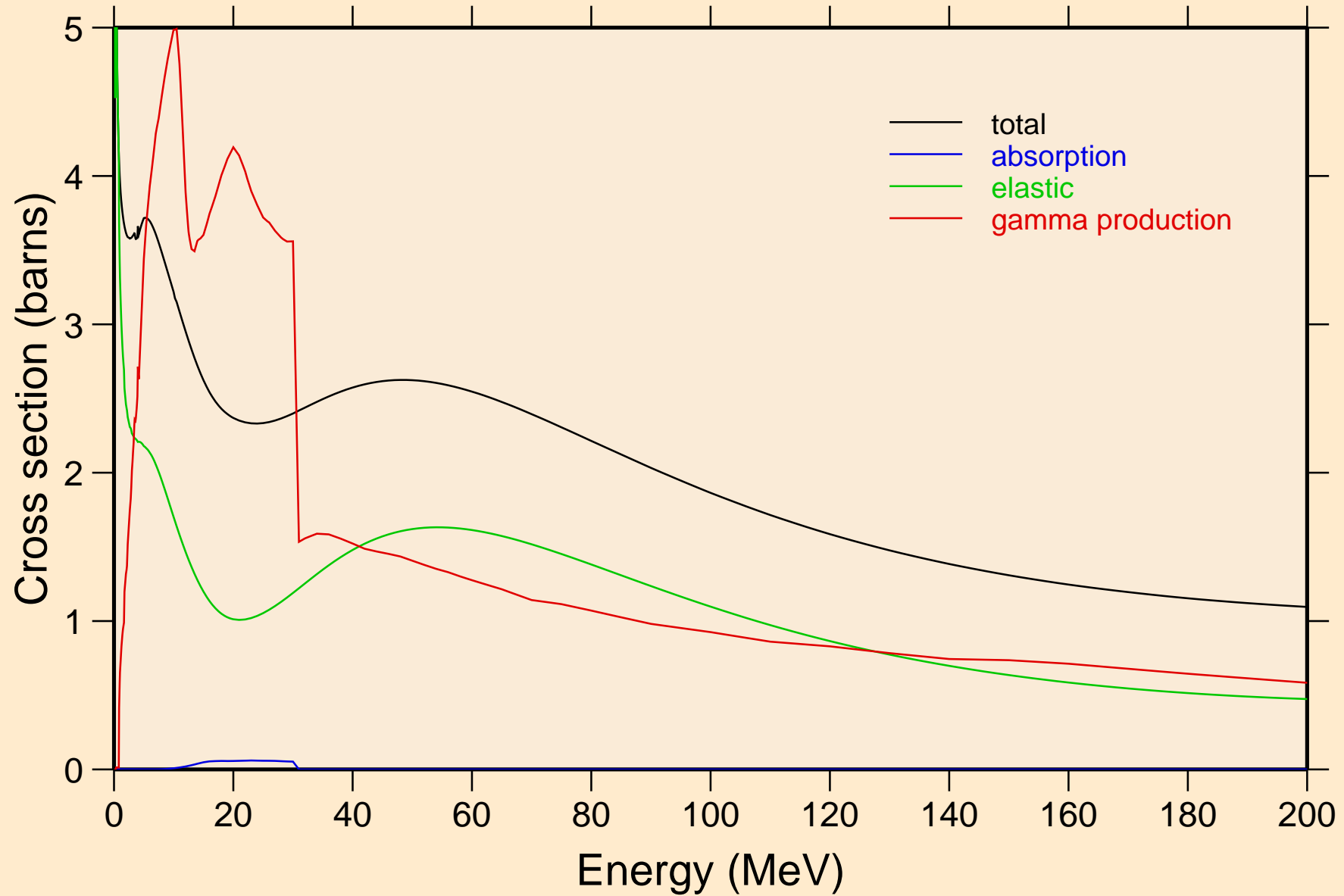


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



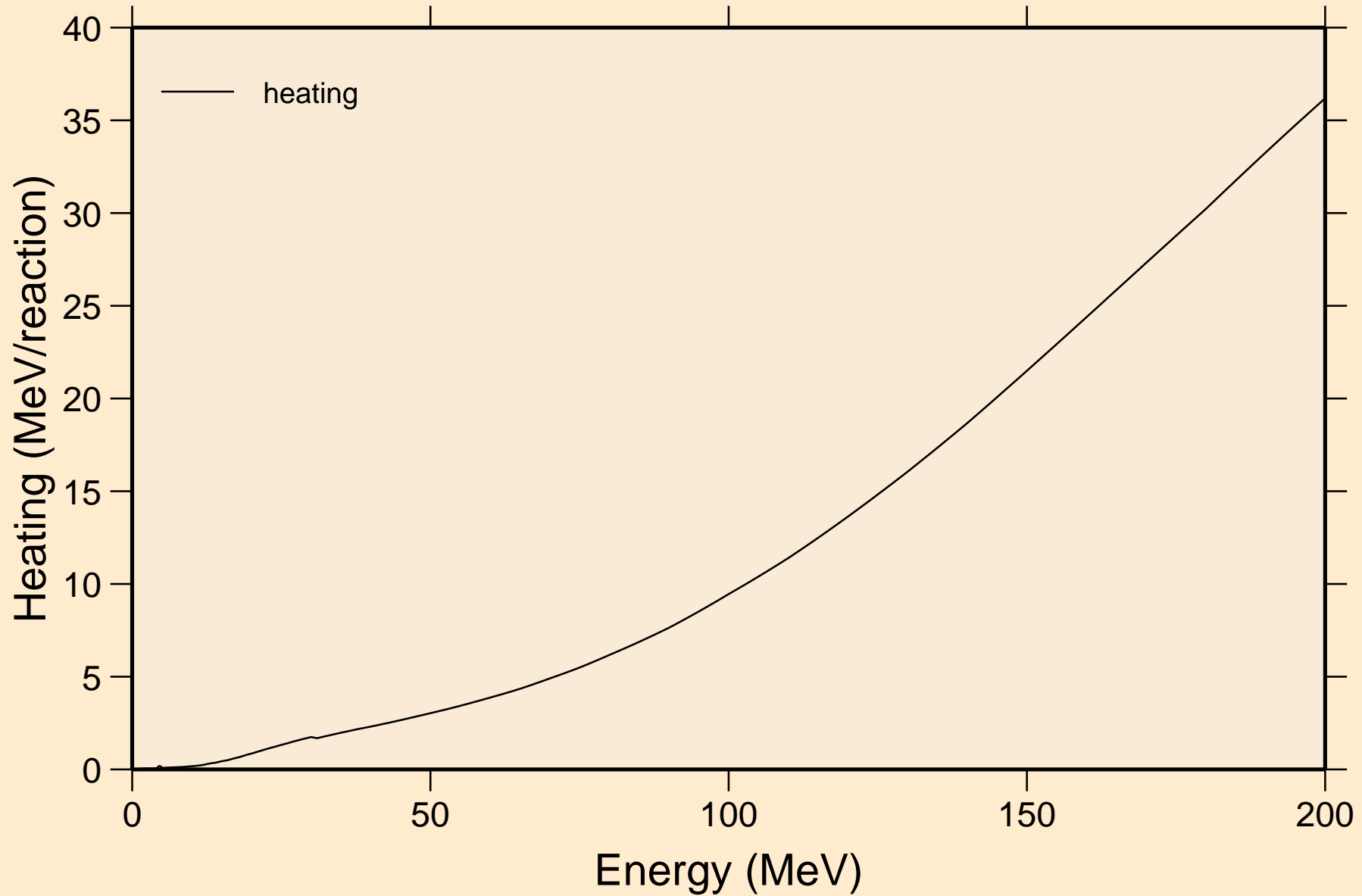
# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections



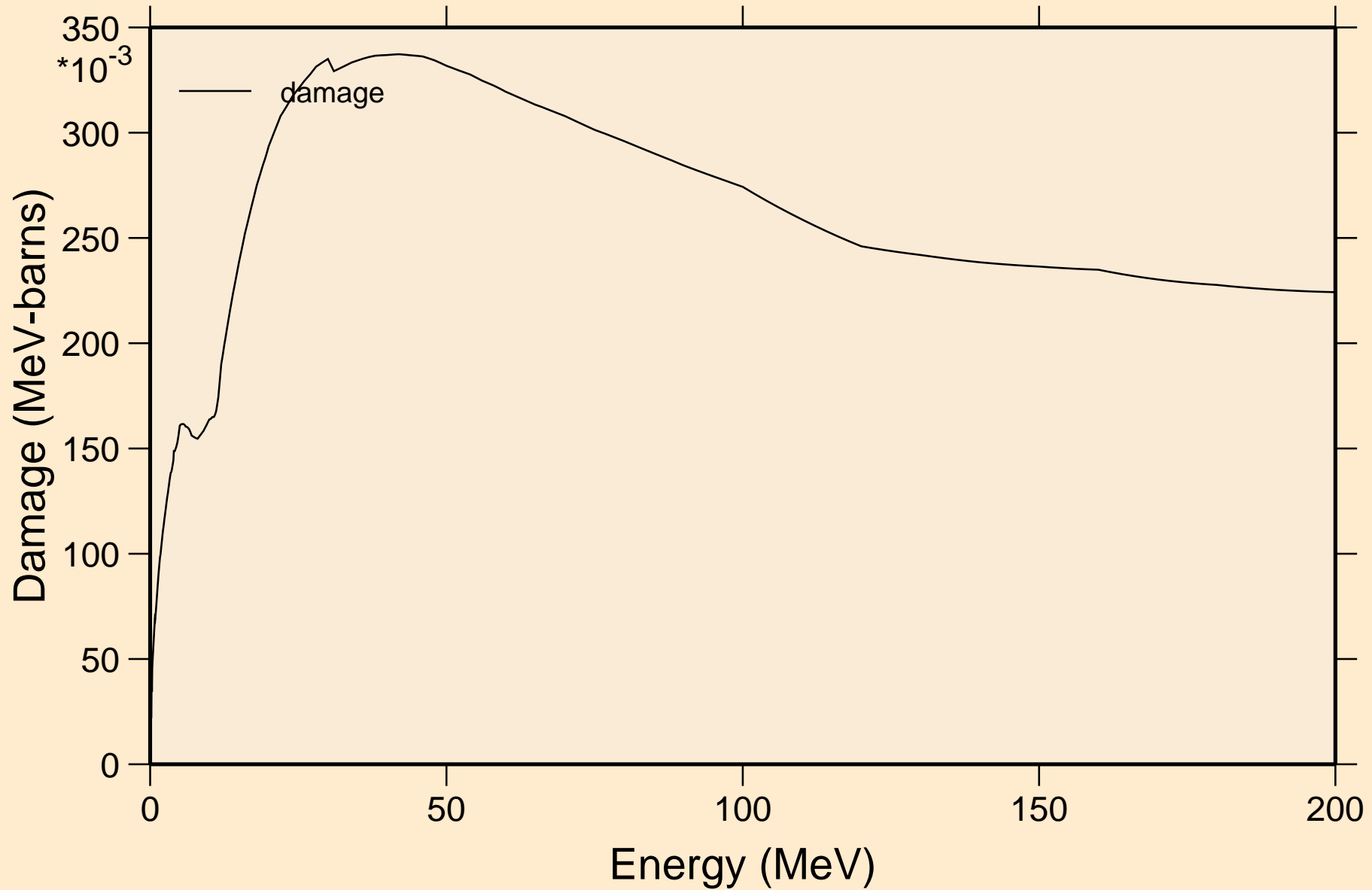
# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

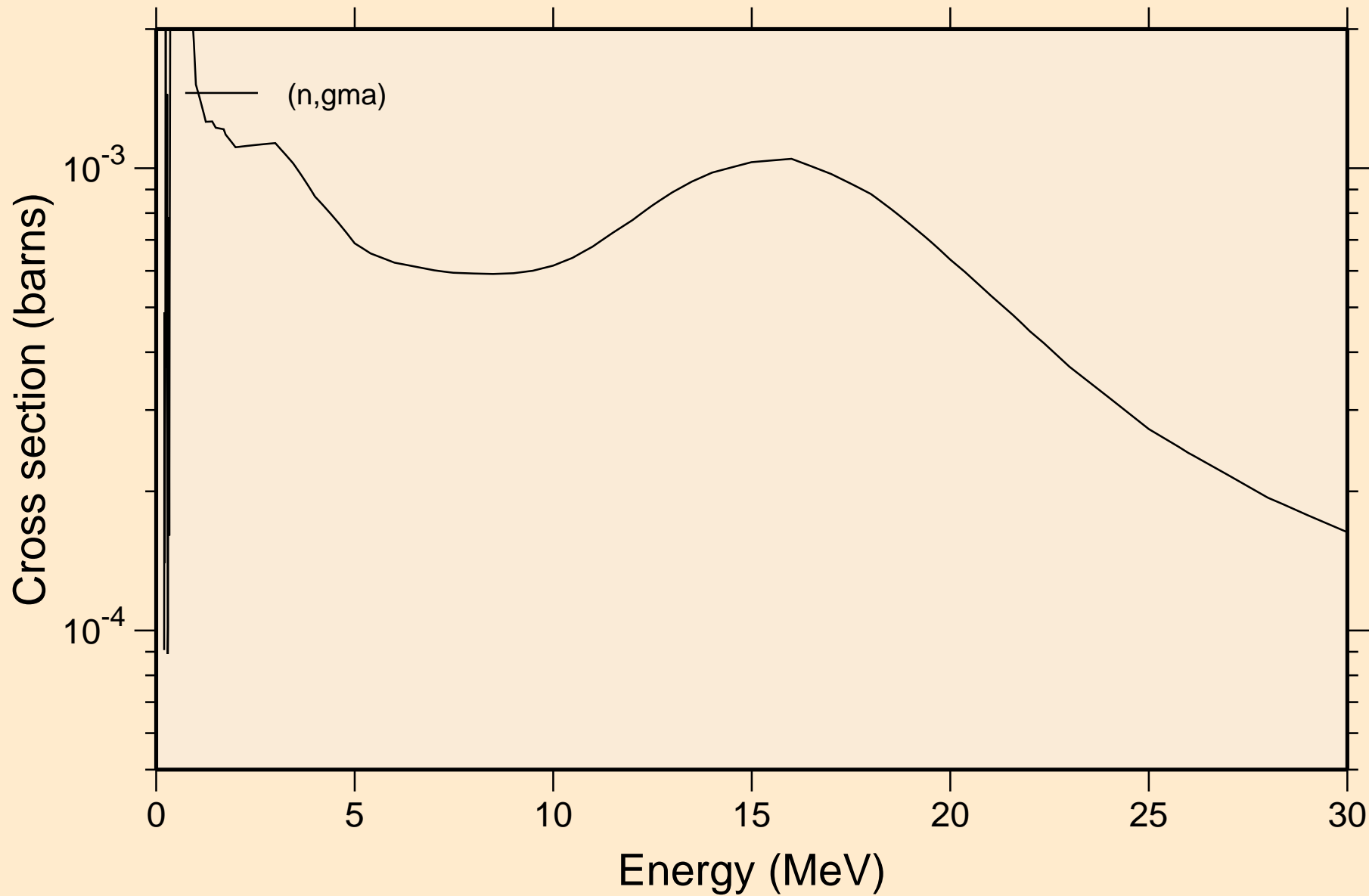




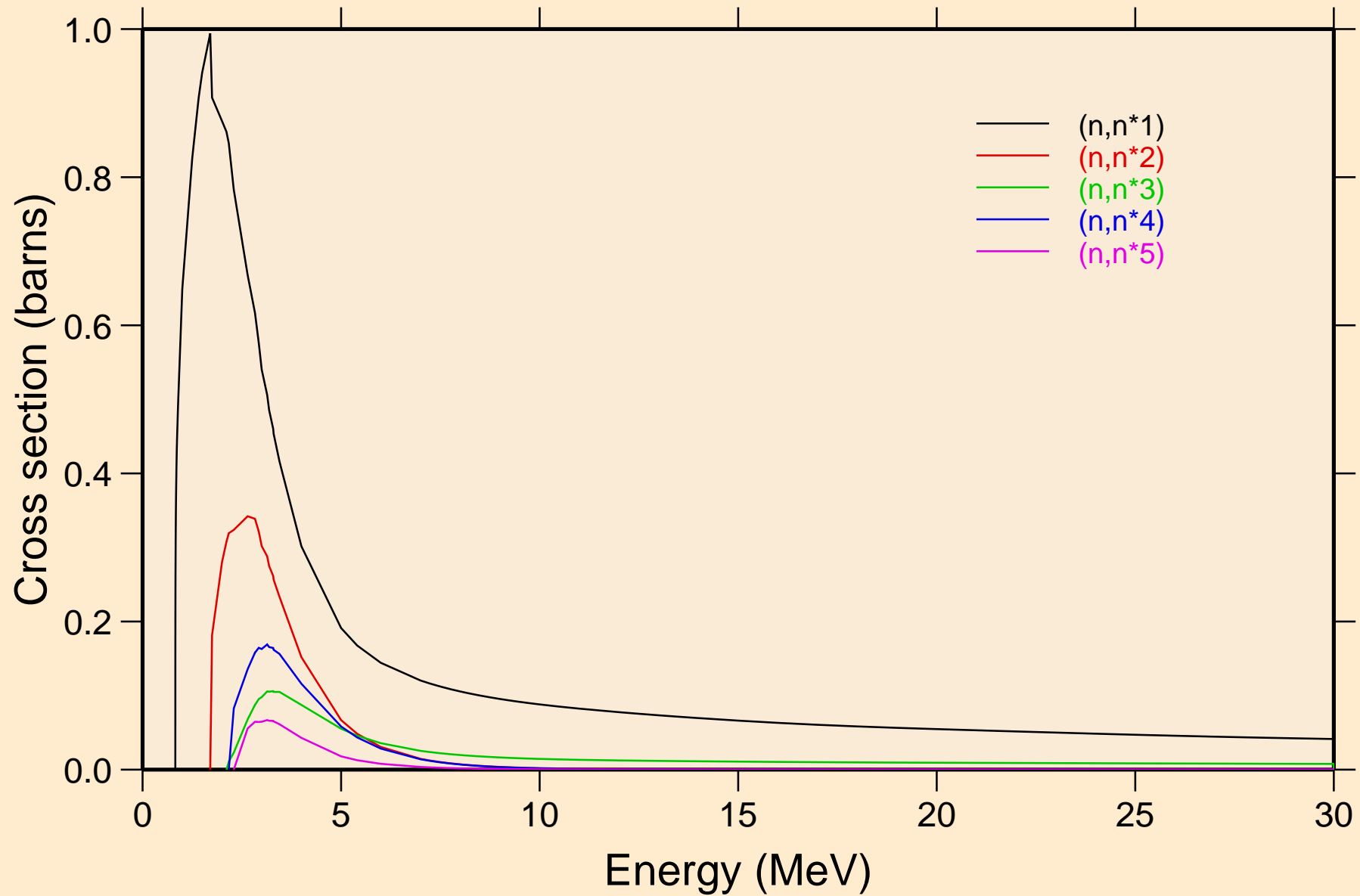
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



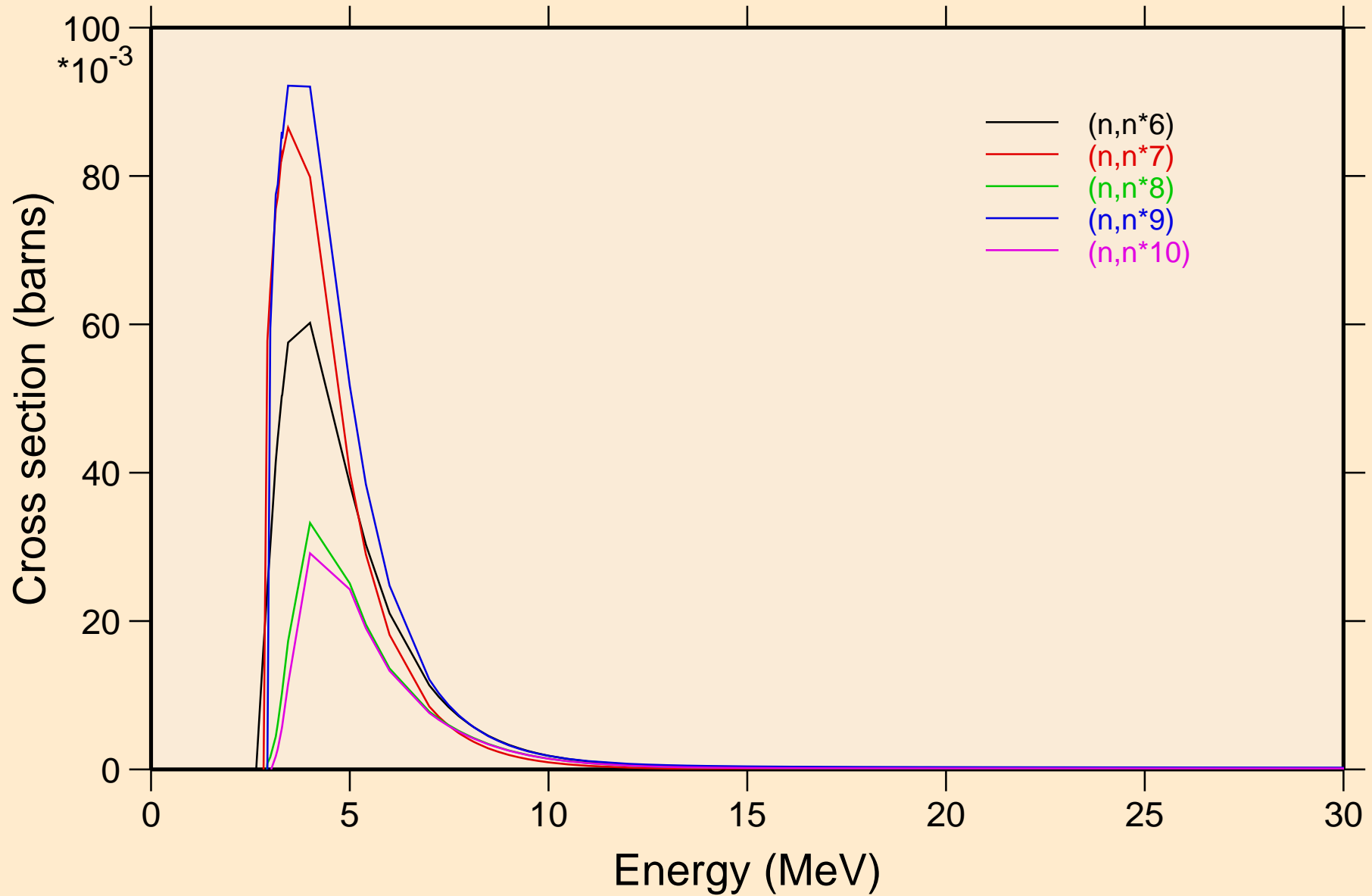
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



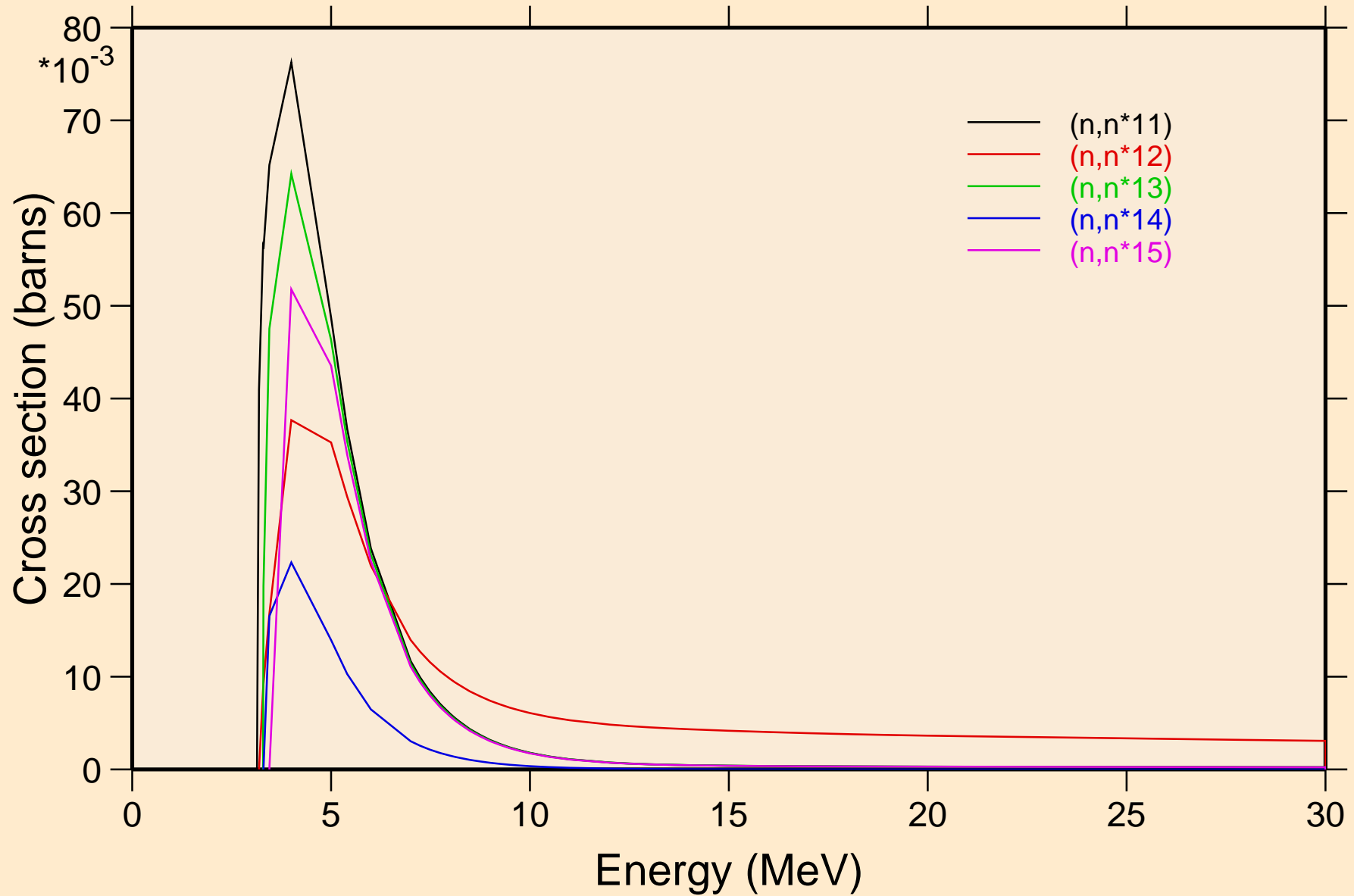
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



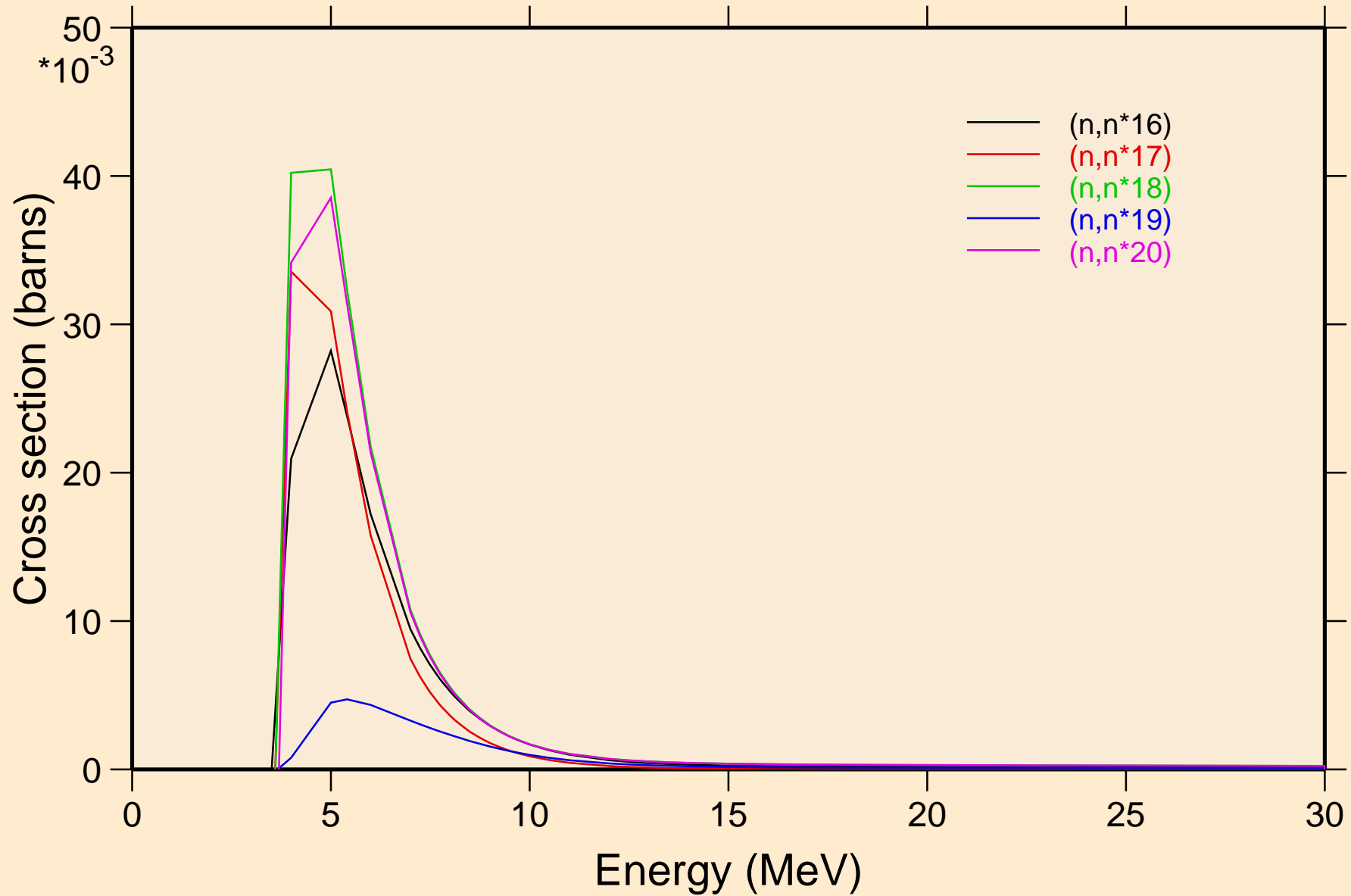
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



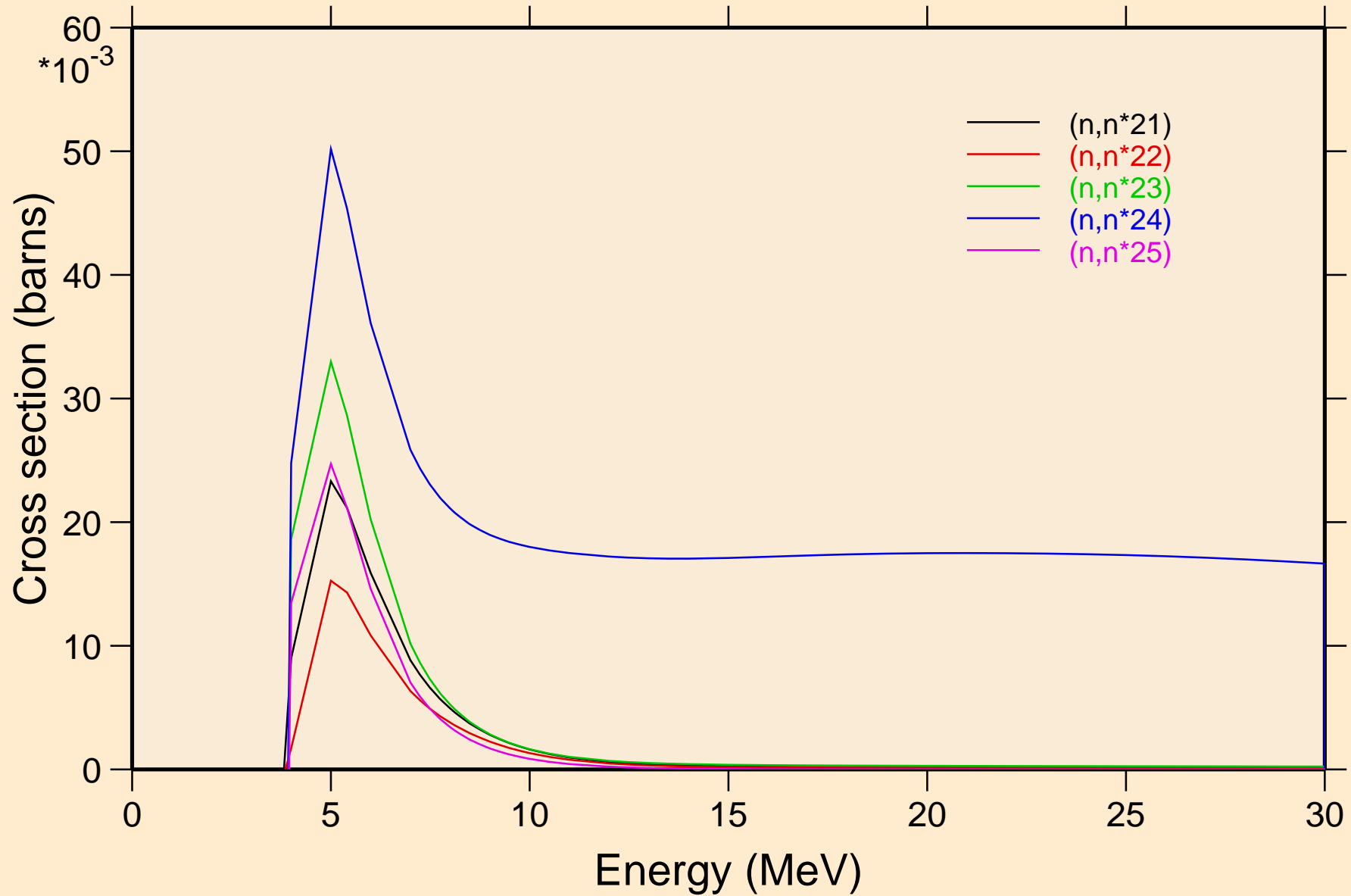
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



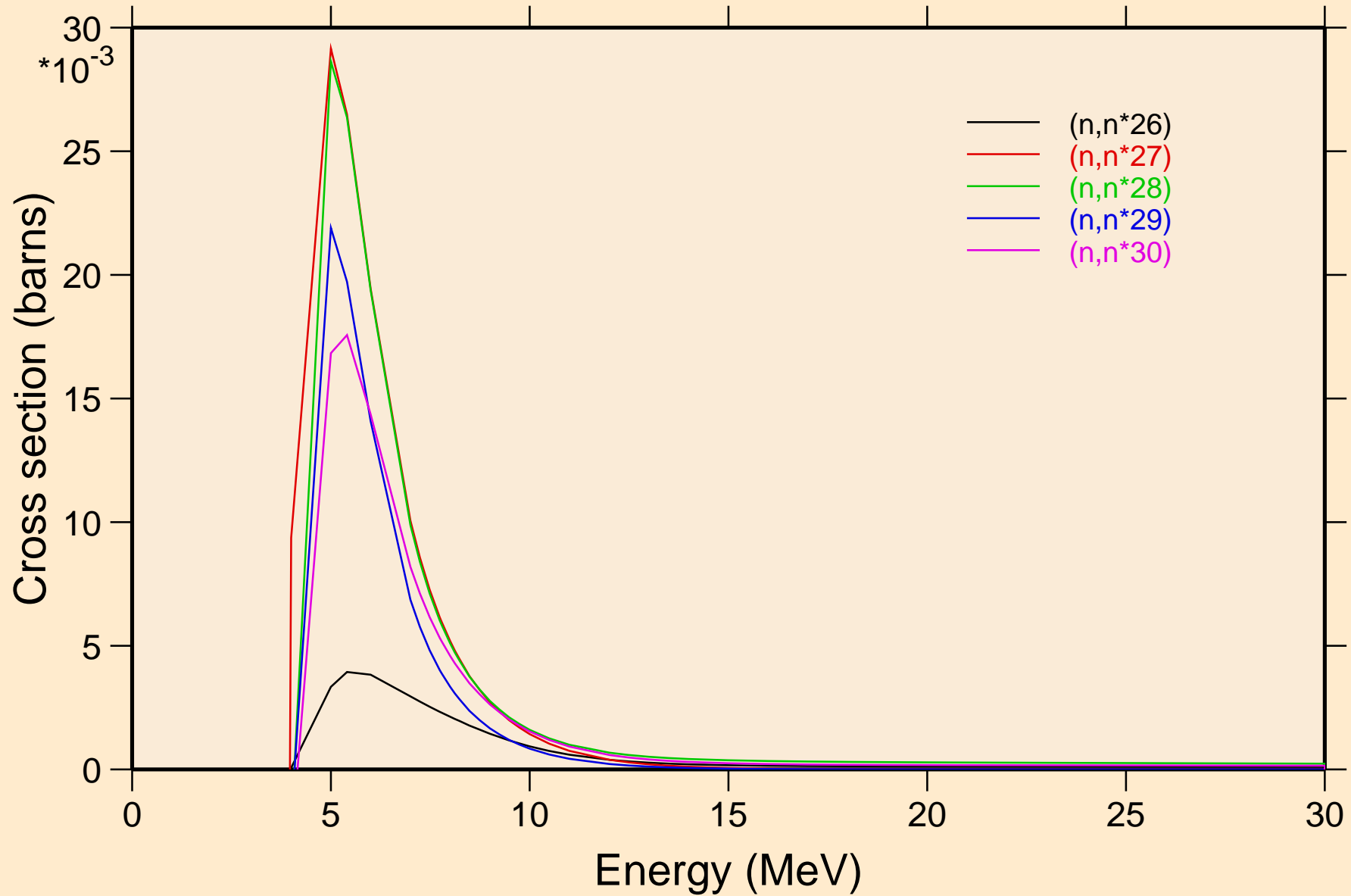
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

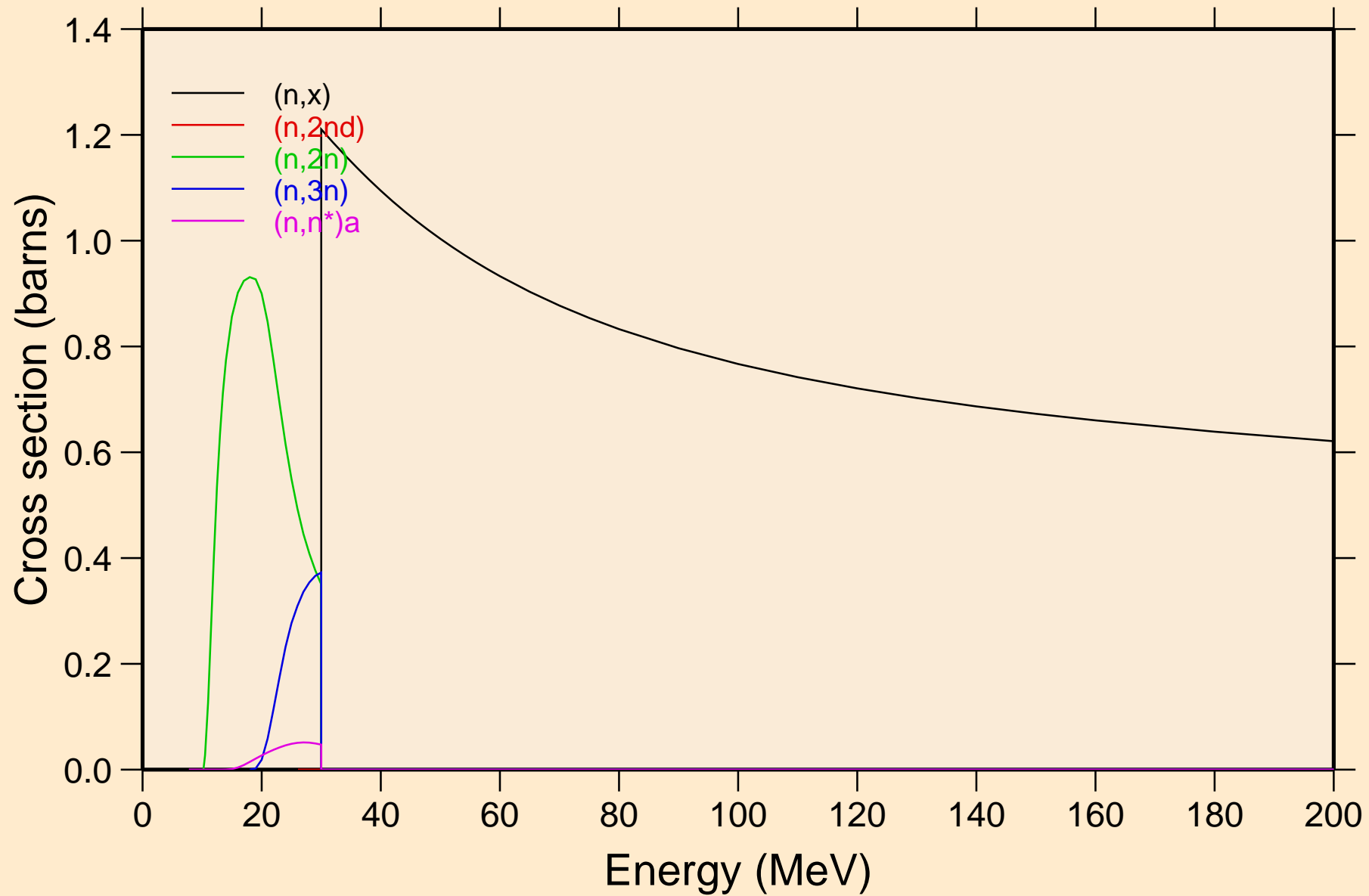


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

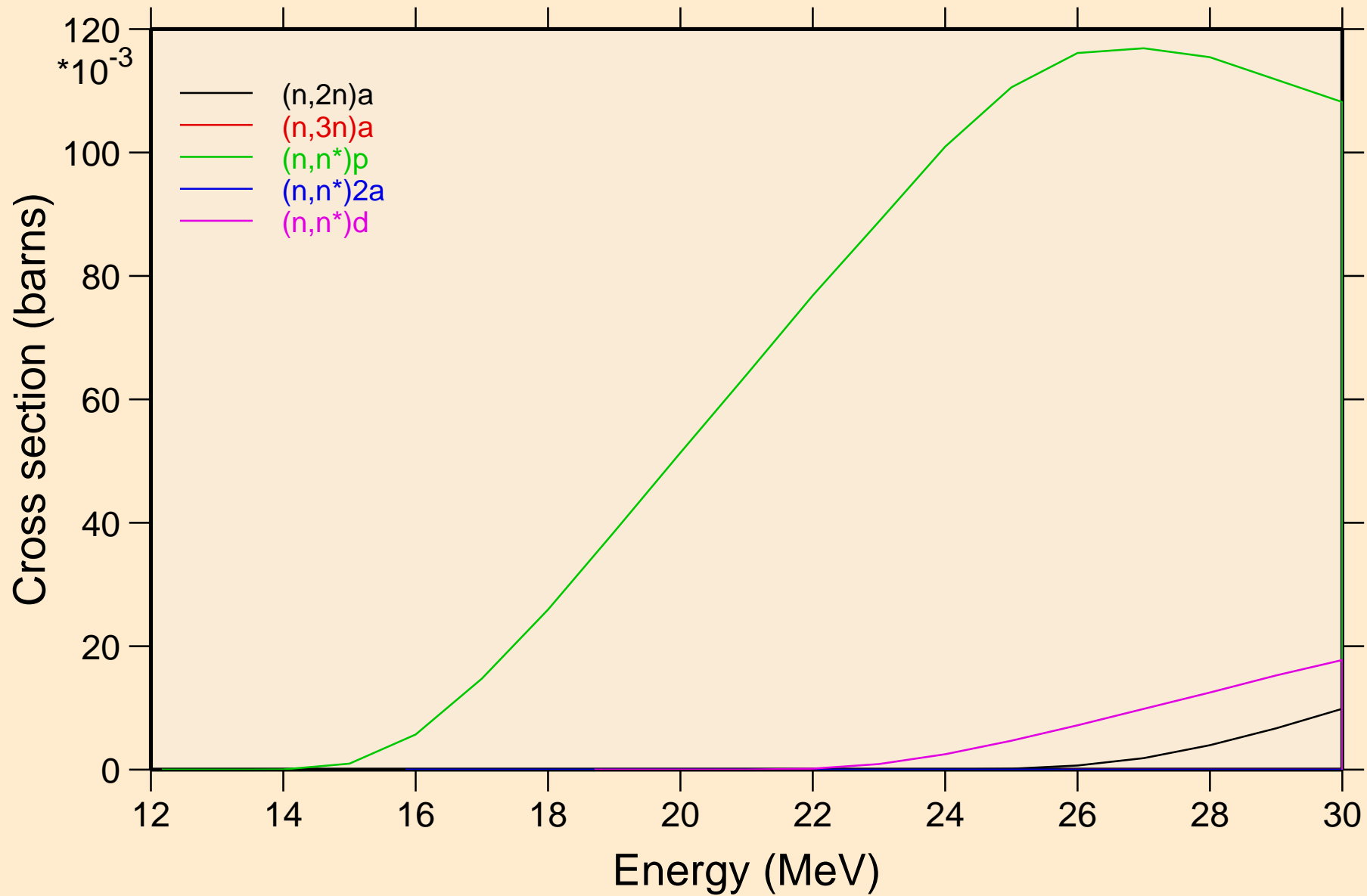




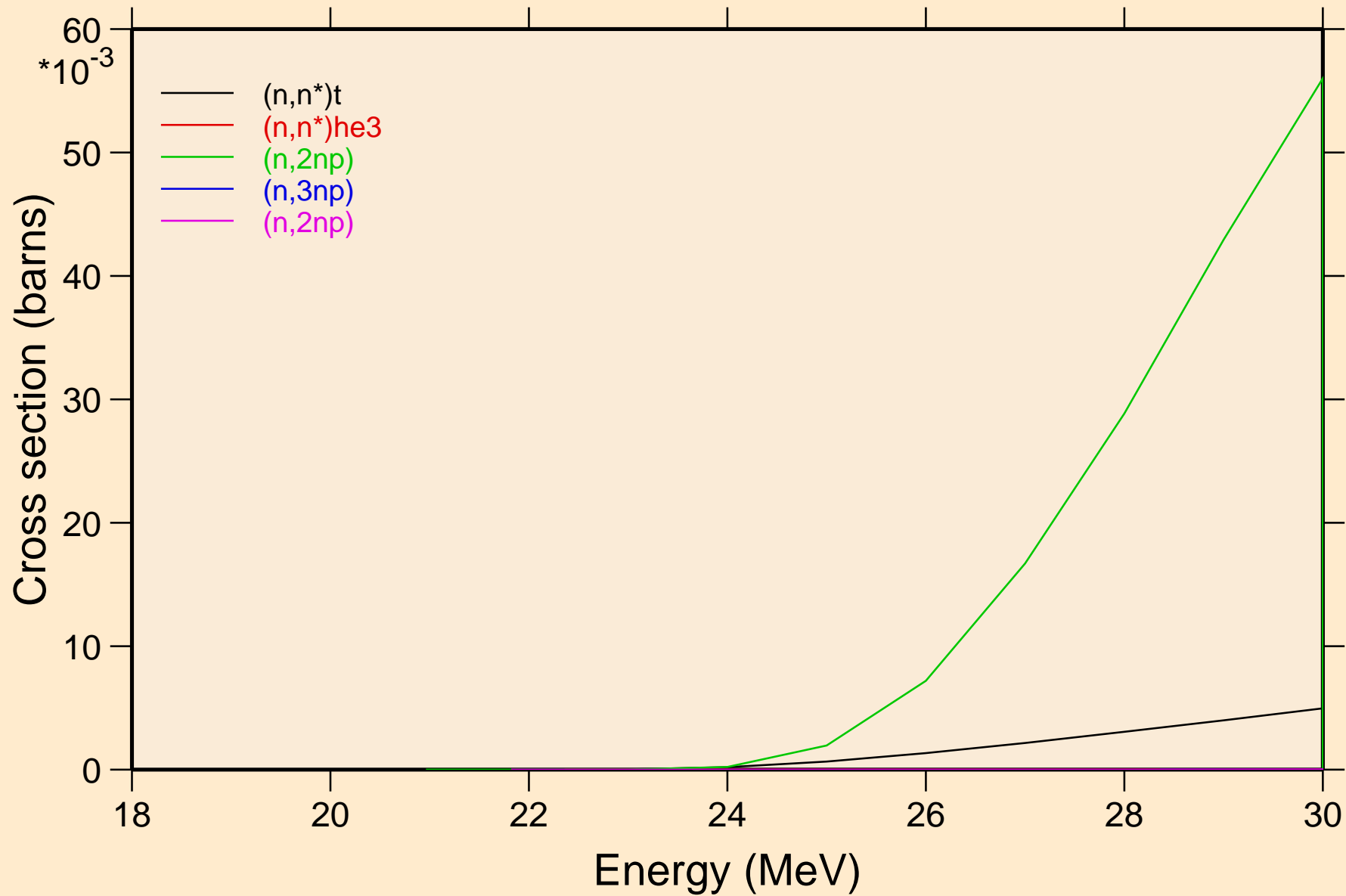
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



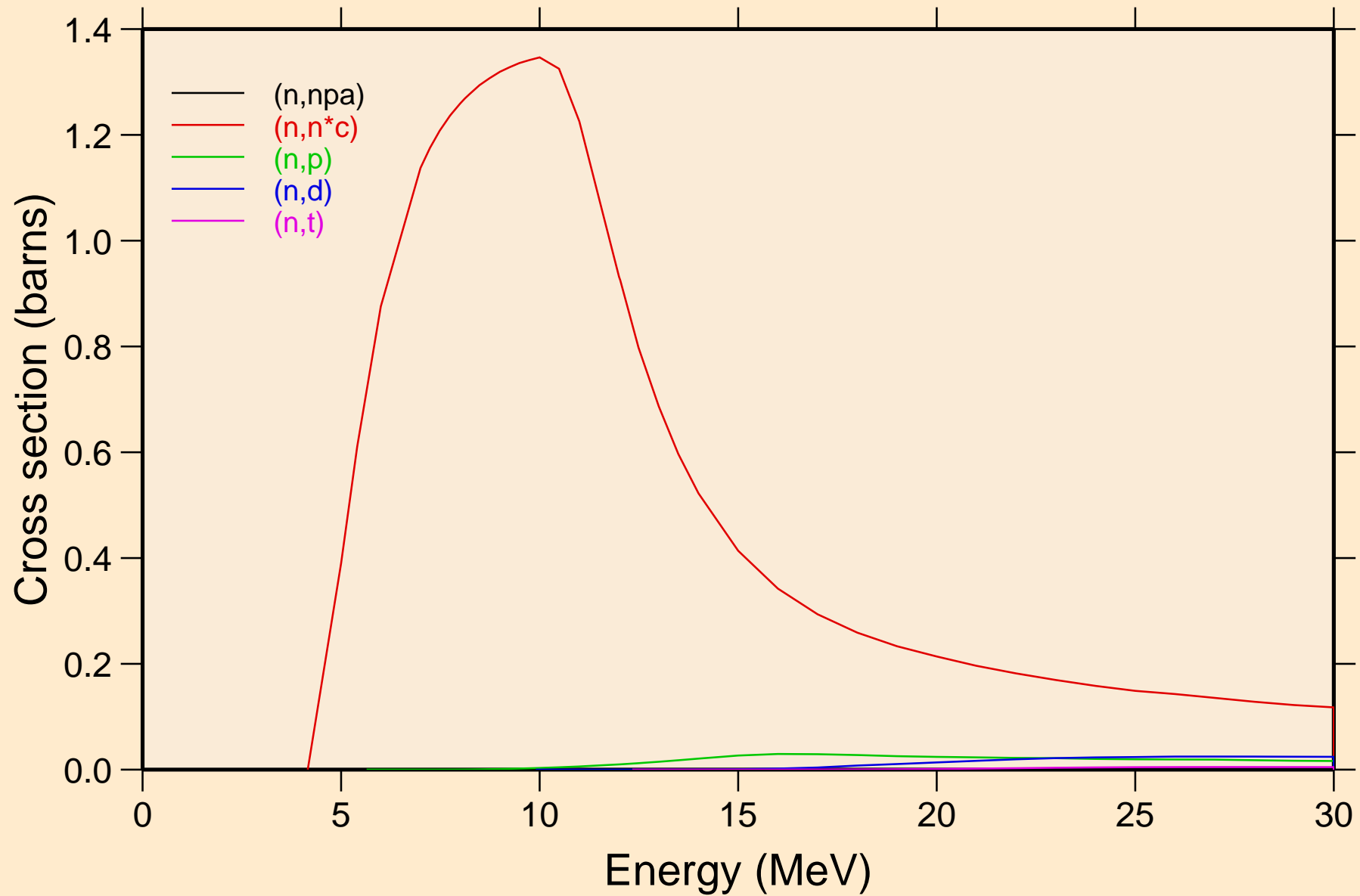
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

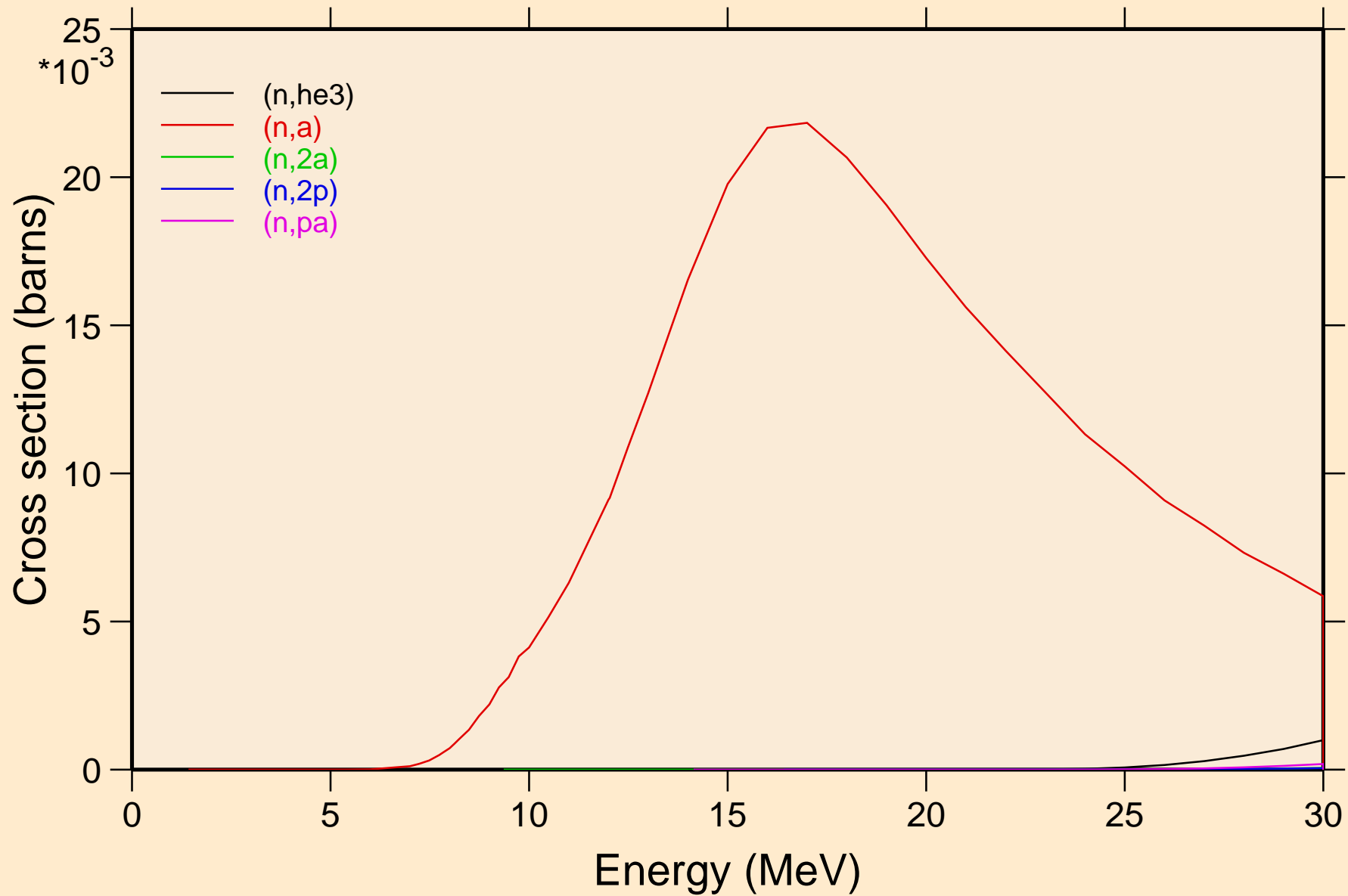


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



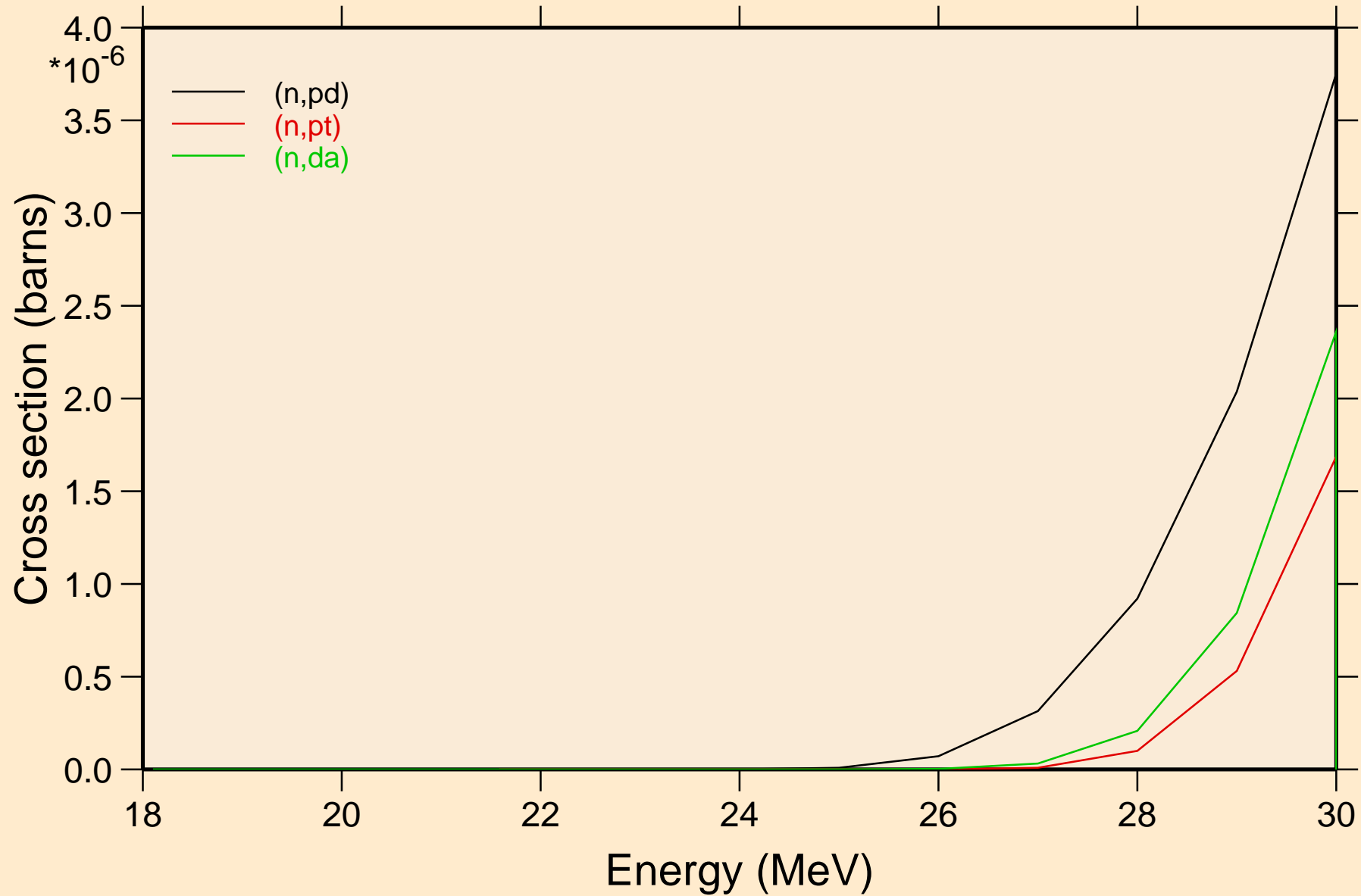
# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



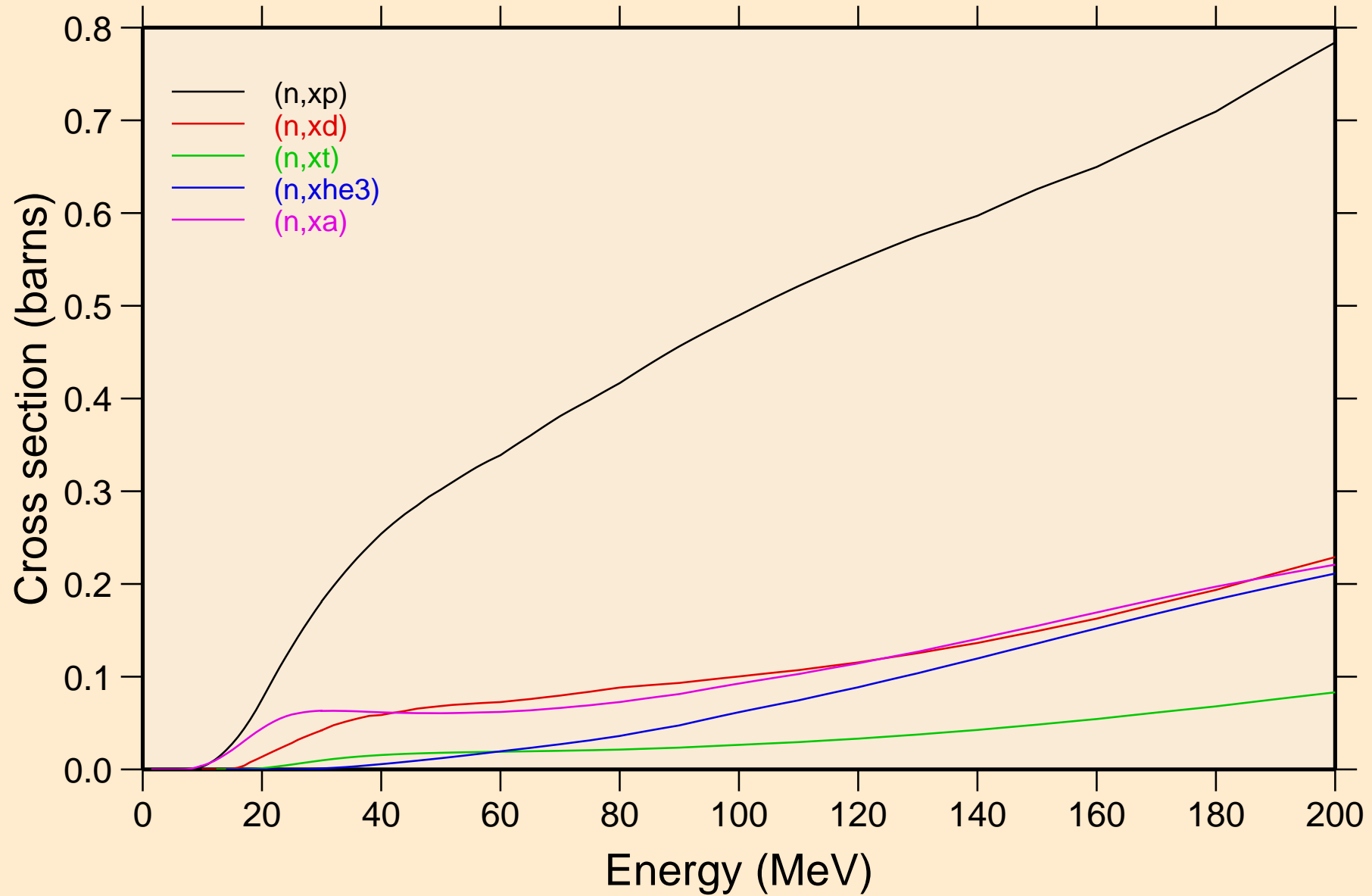
# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

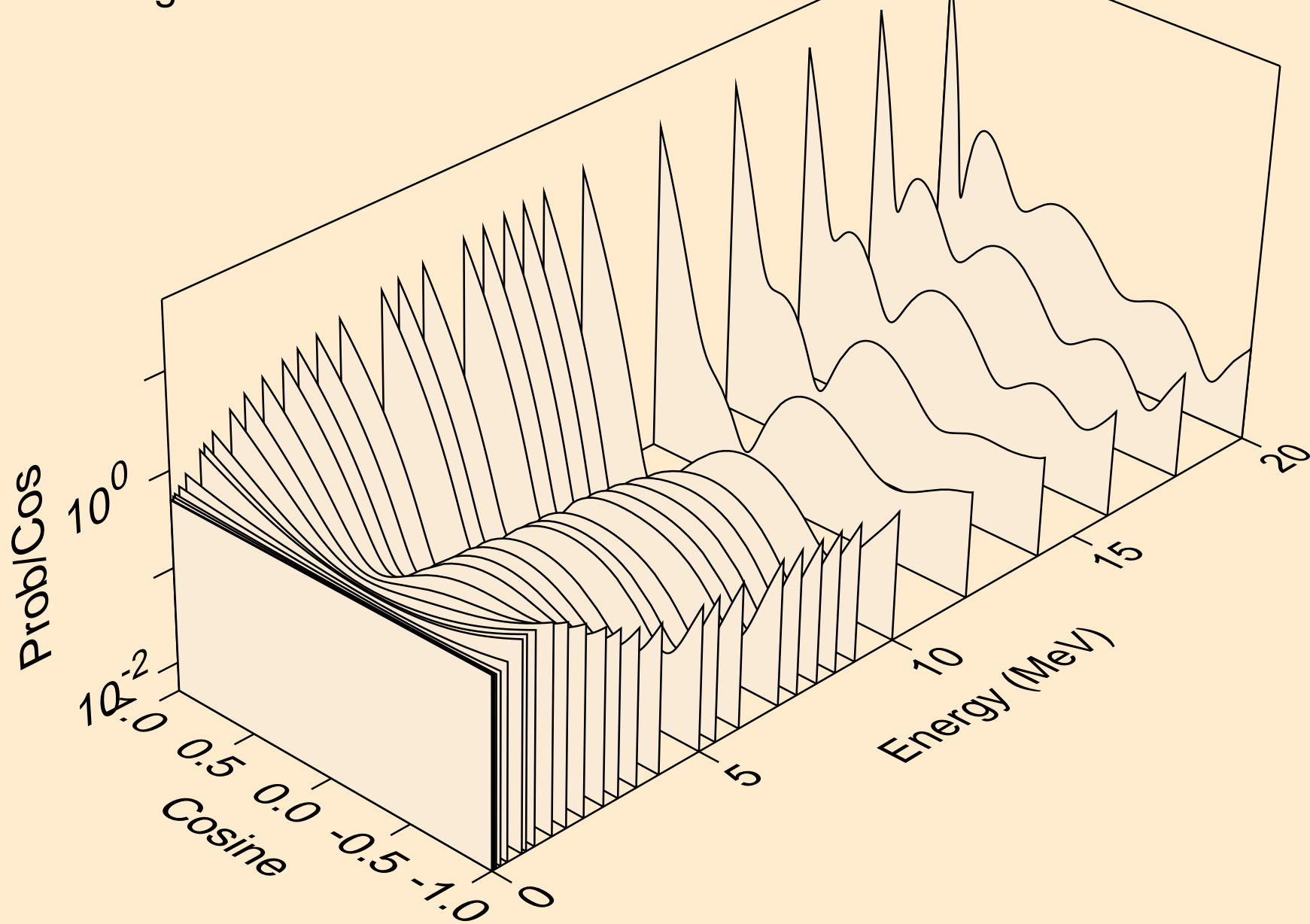


# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

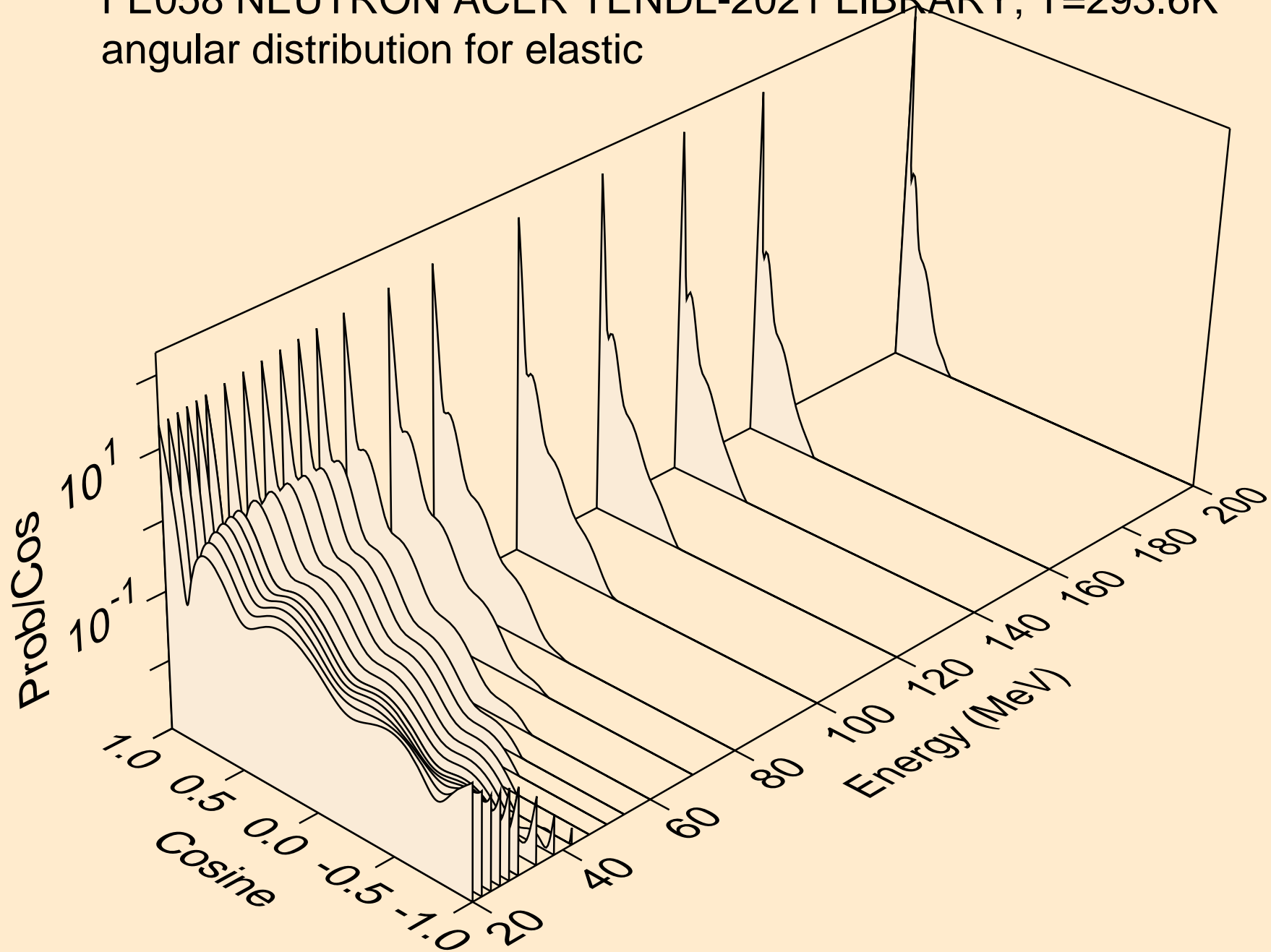


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

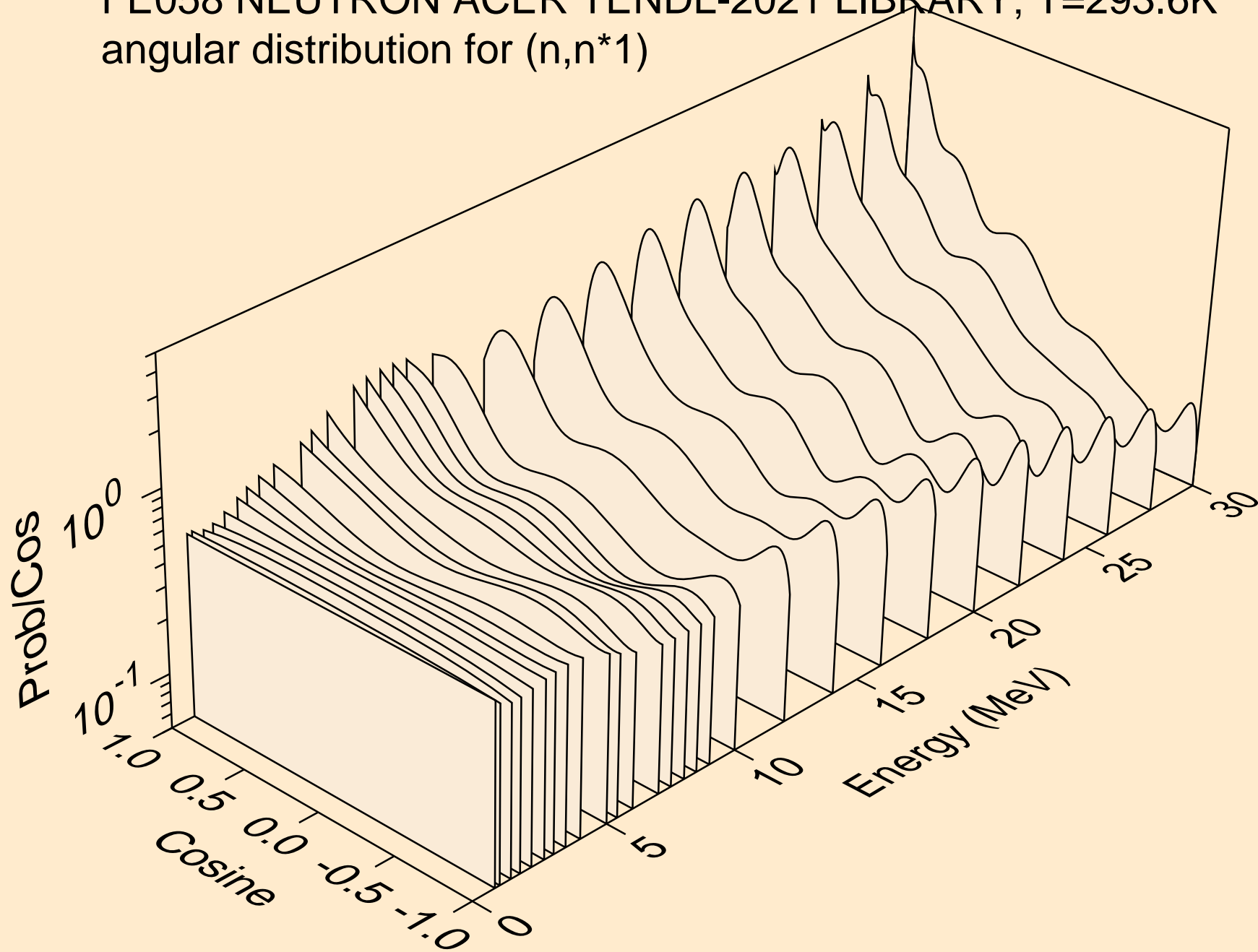




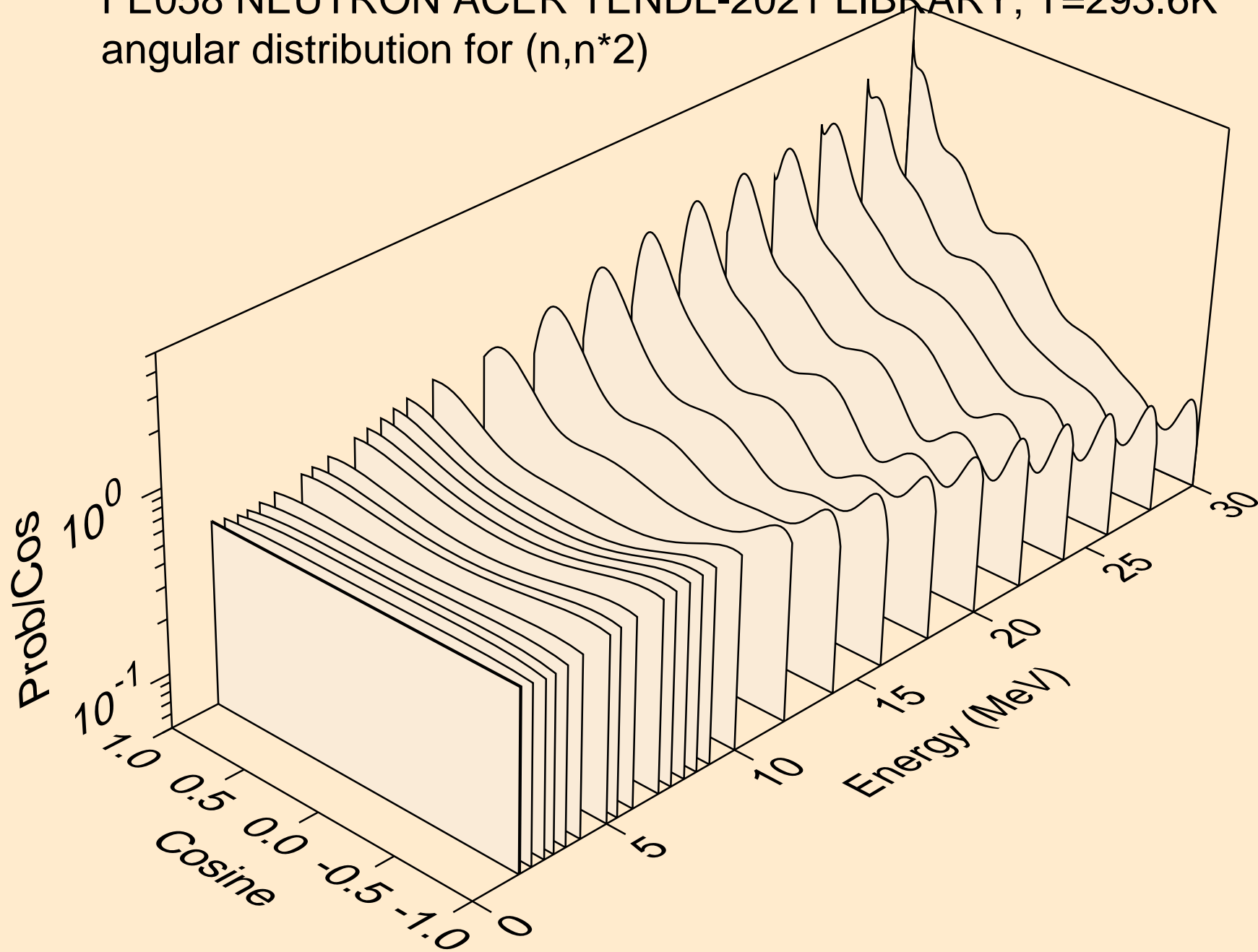
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



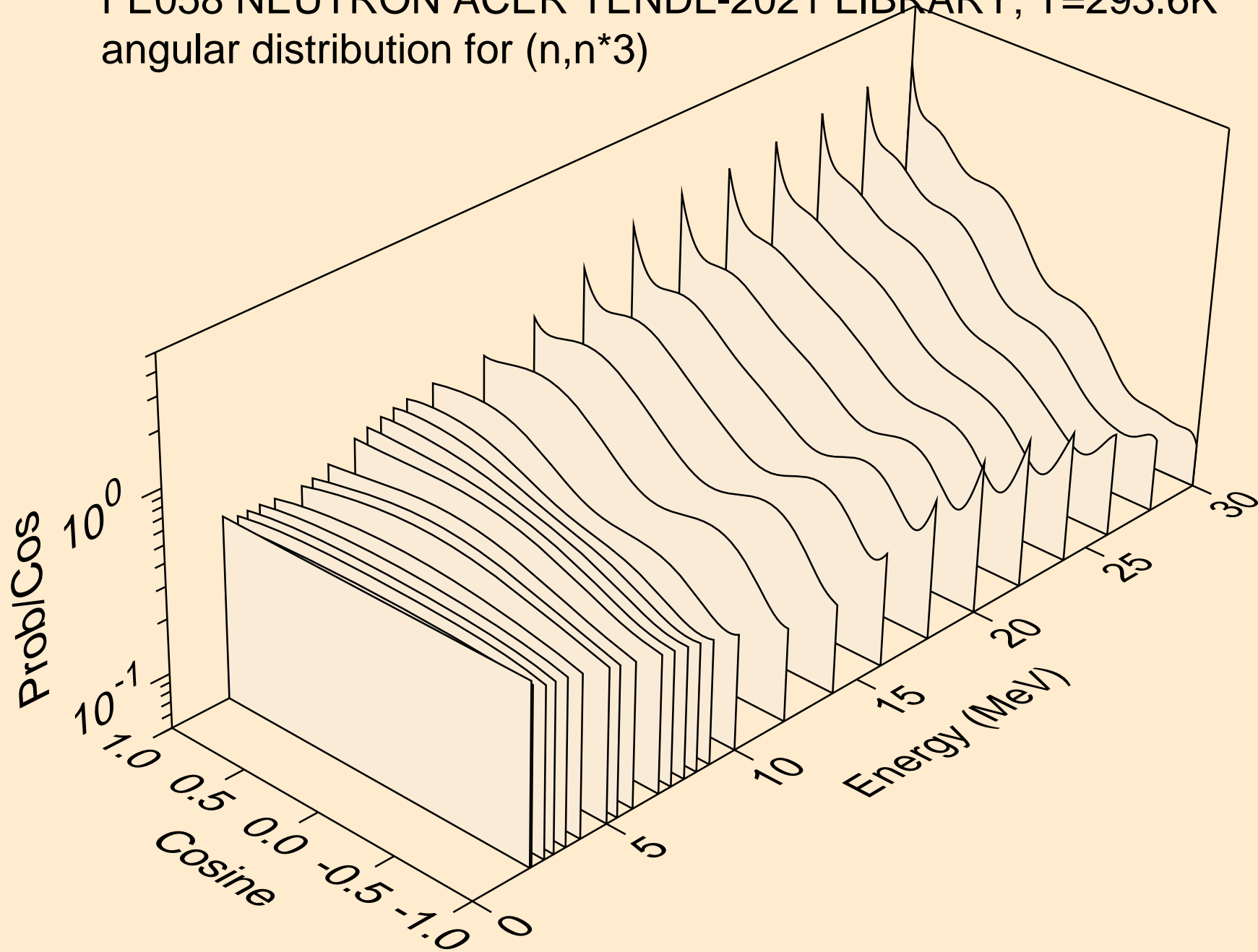
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



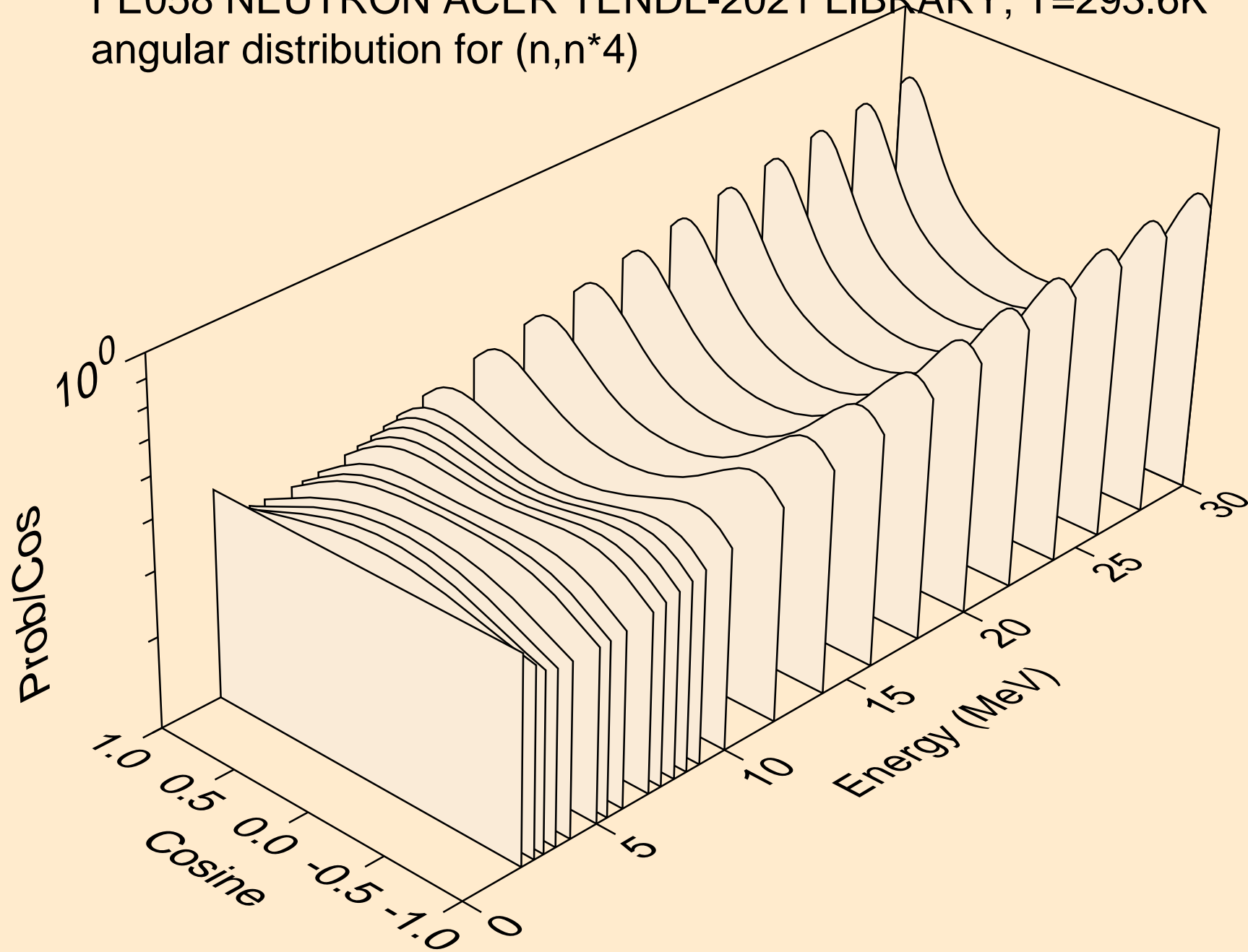
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



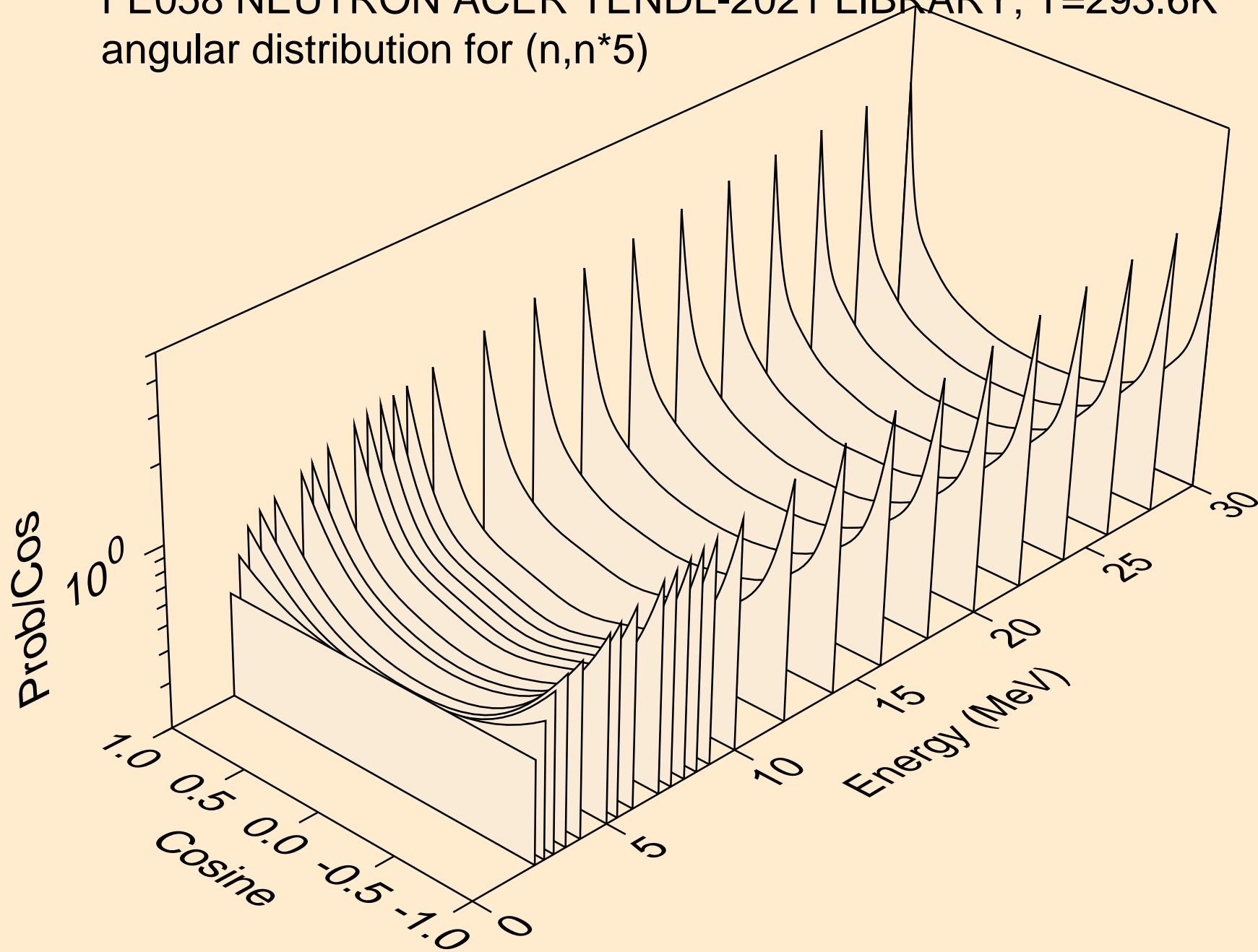
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



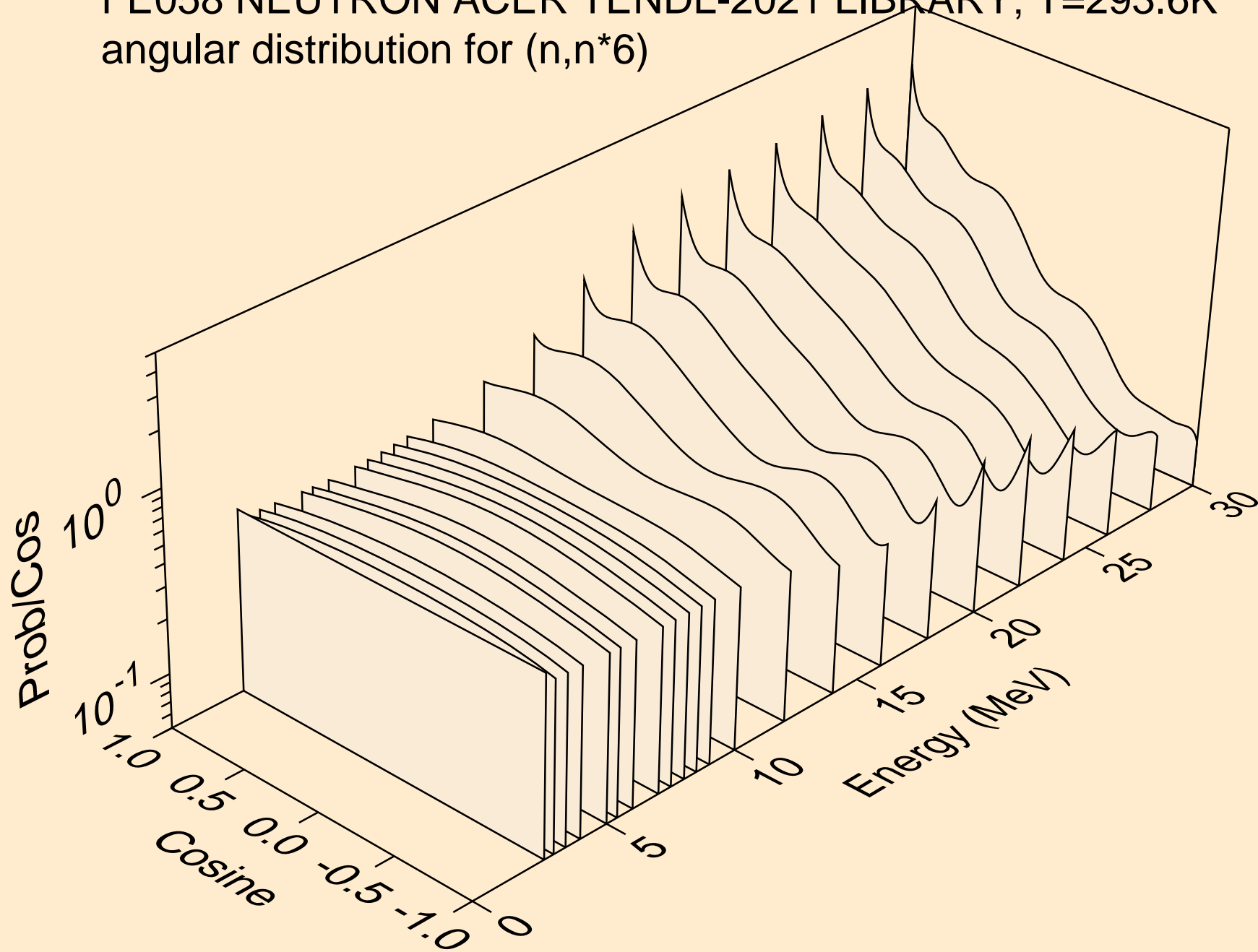
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



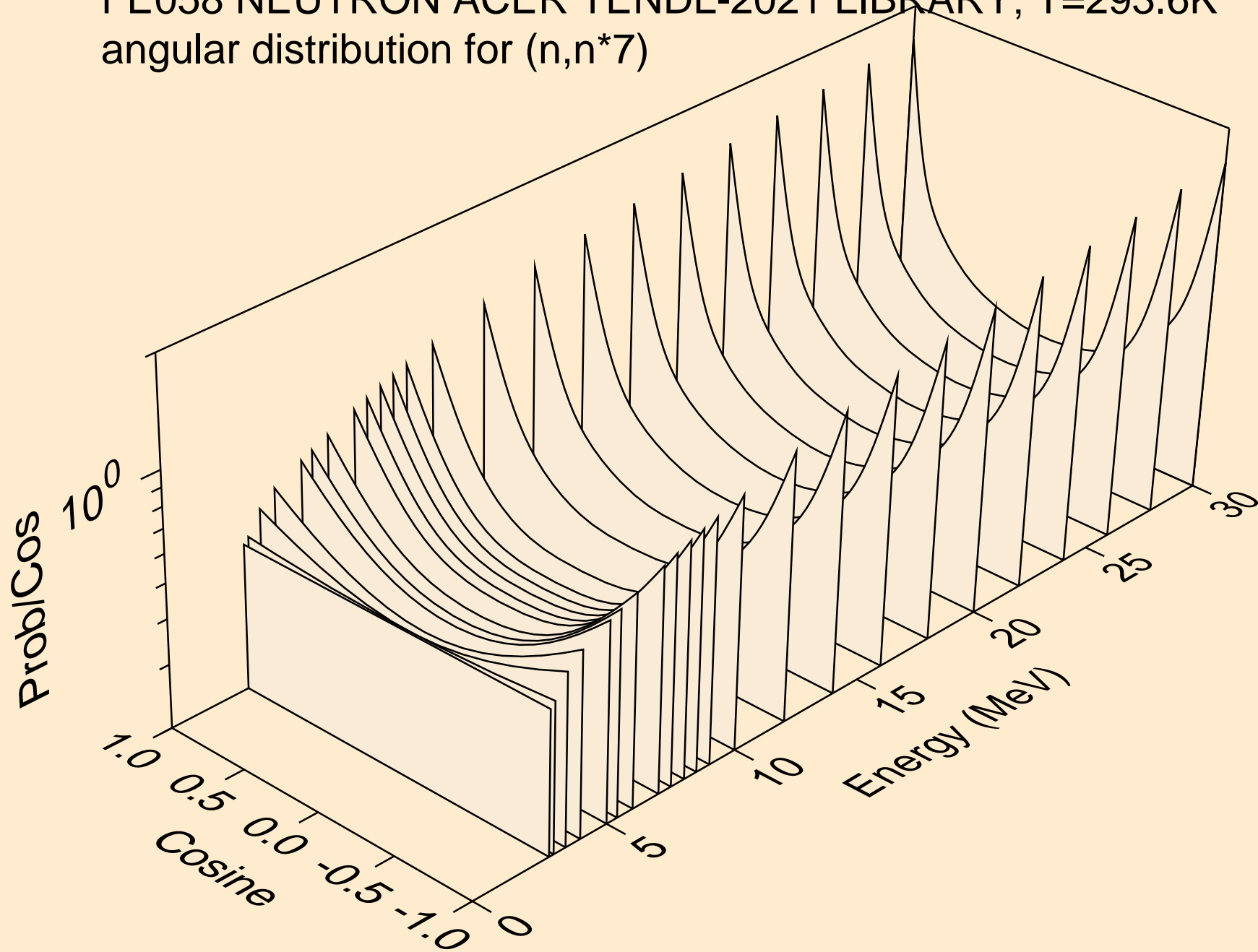
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

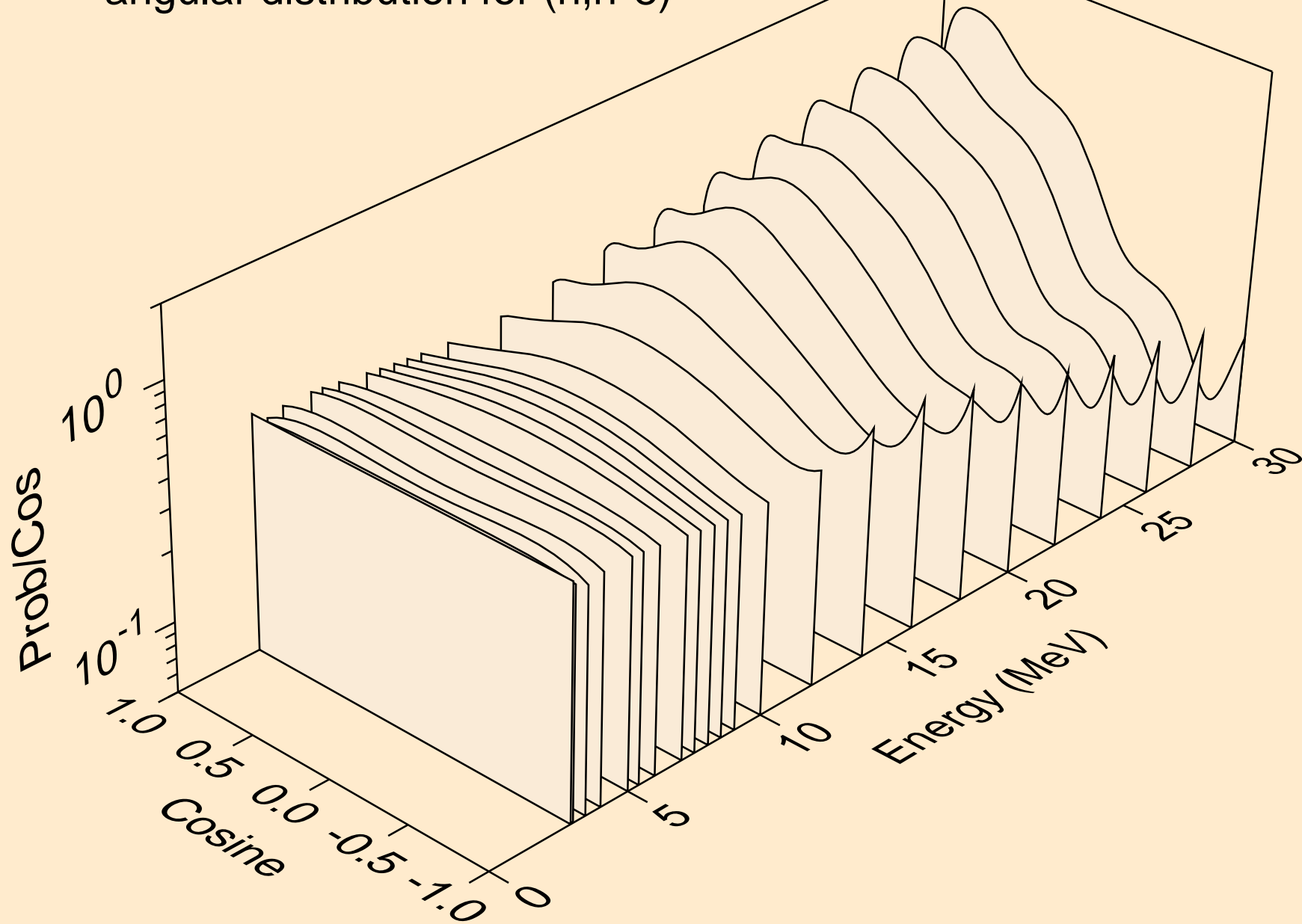


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

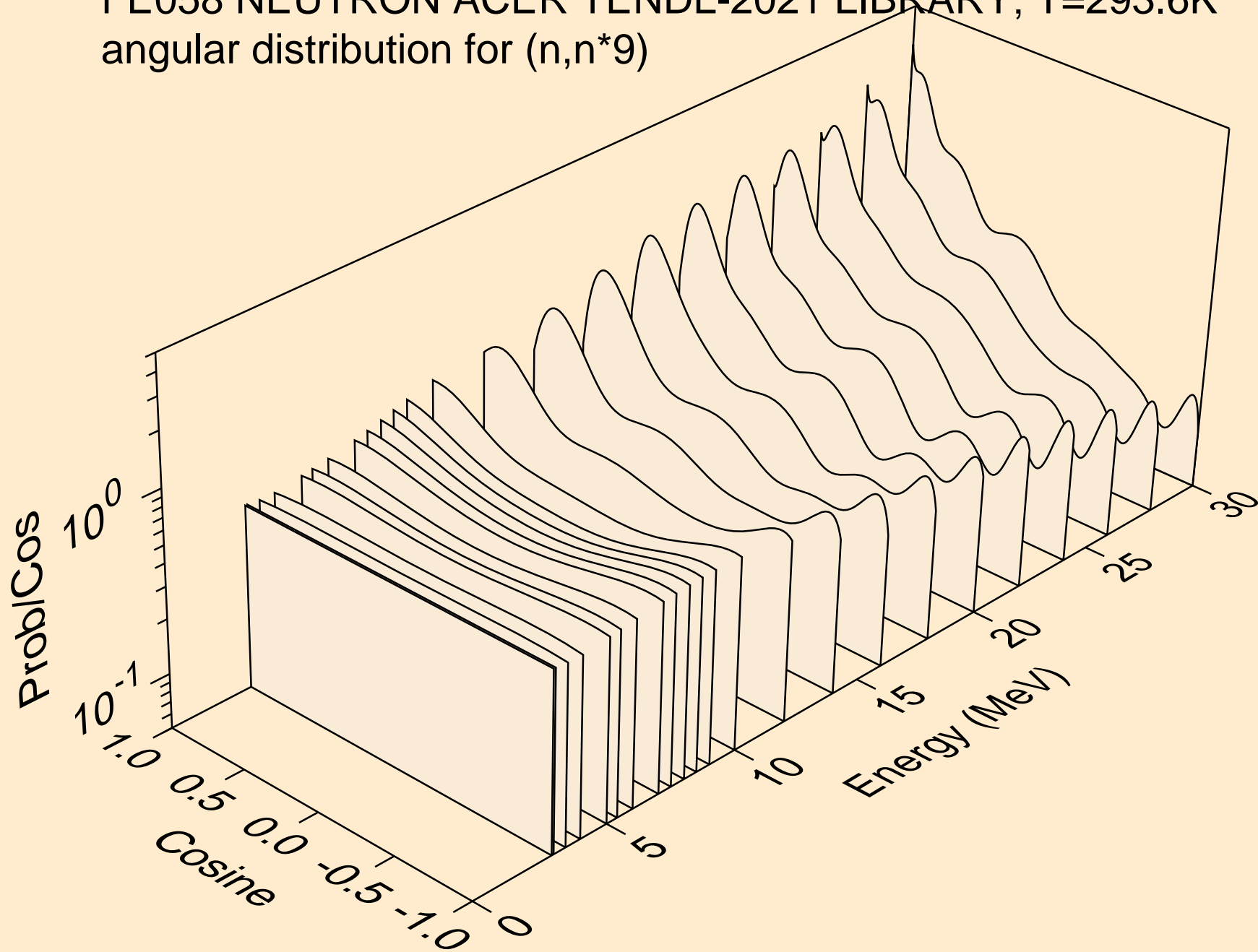




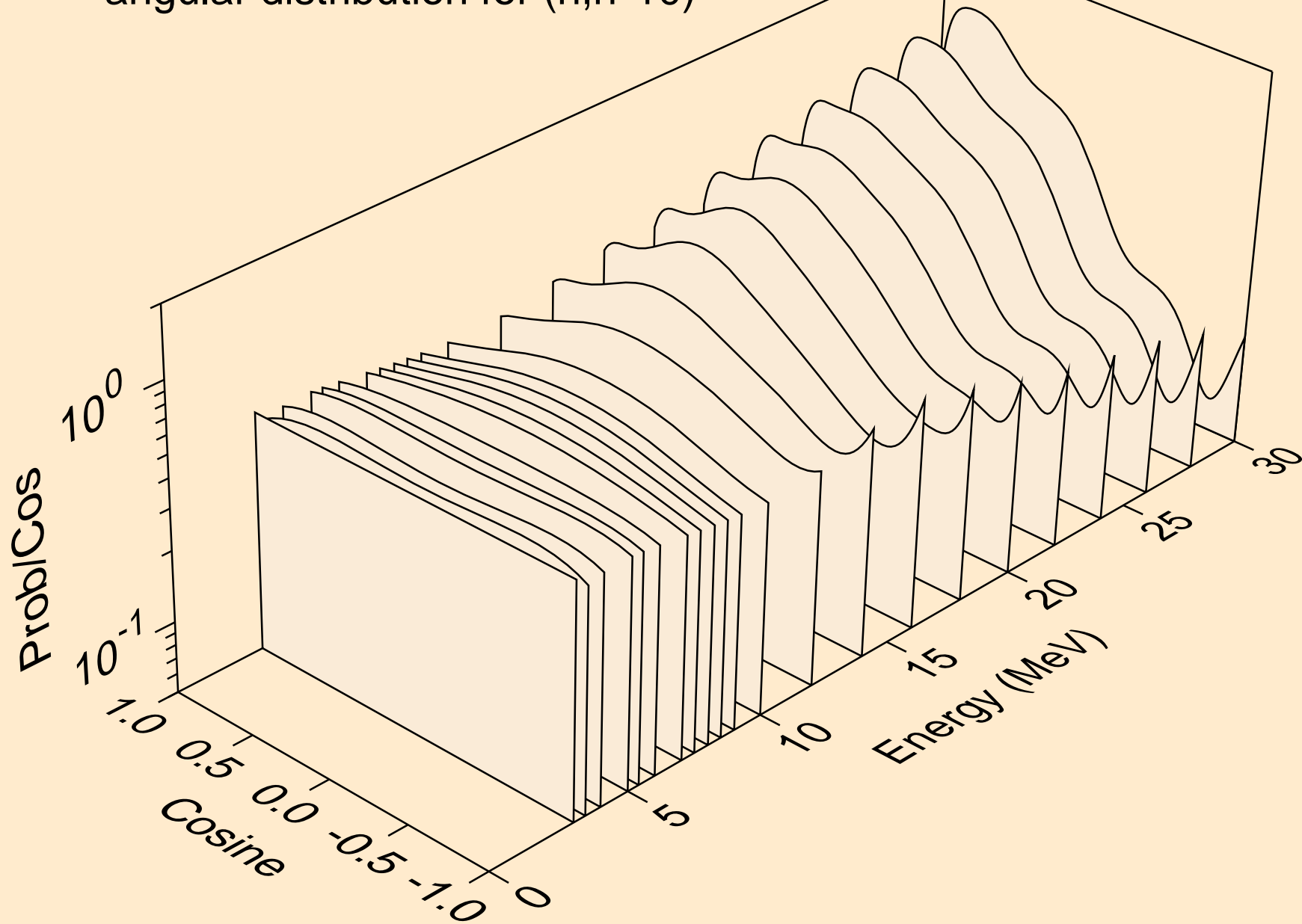
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



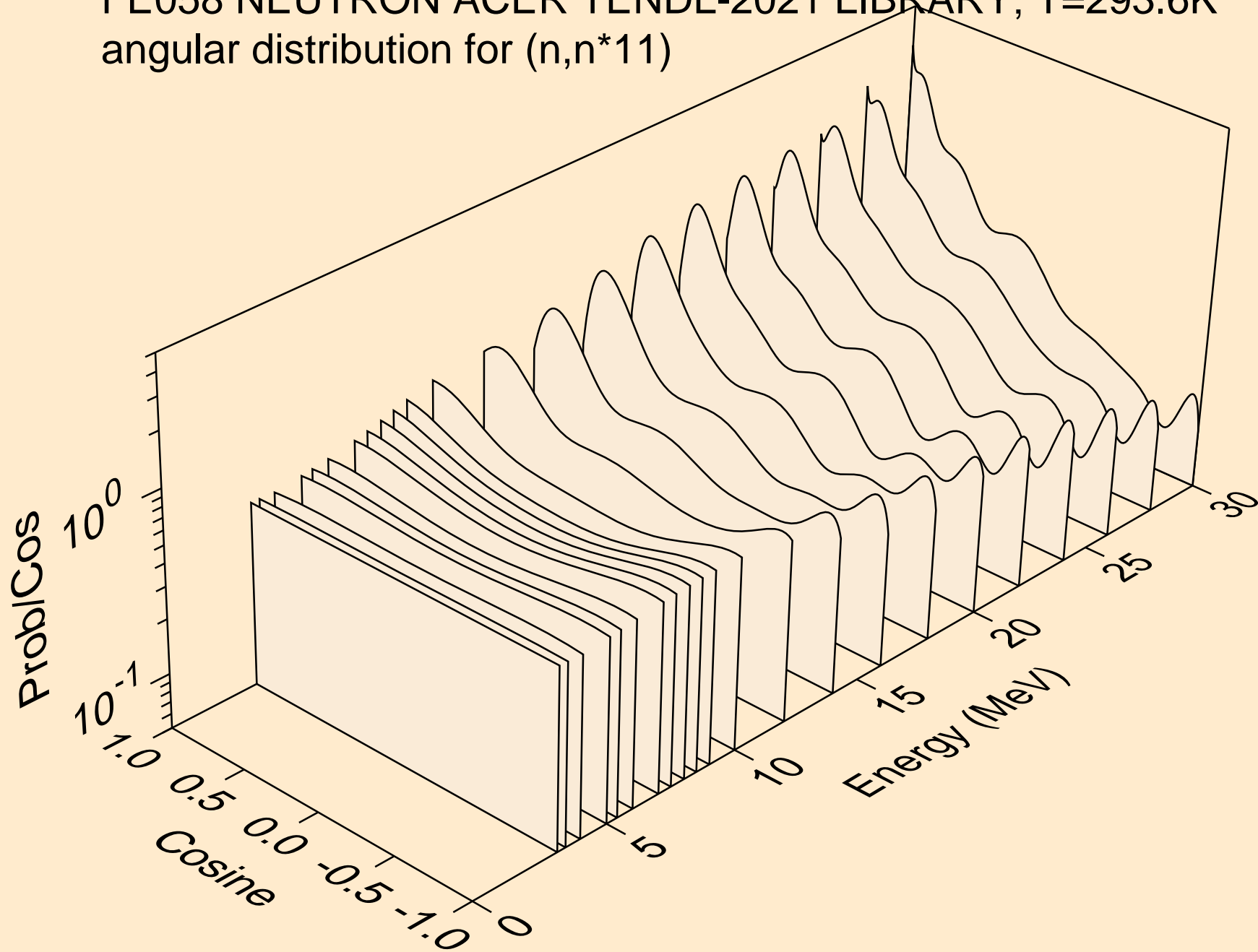
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



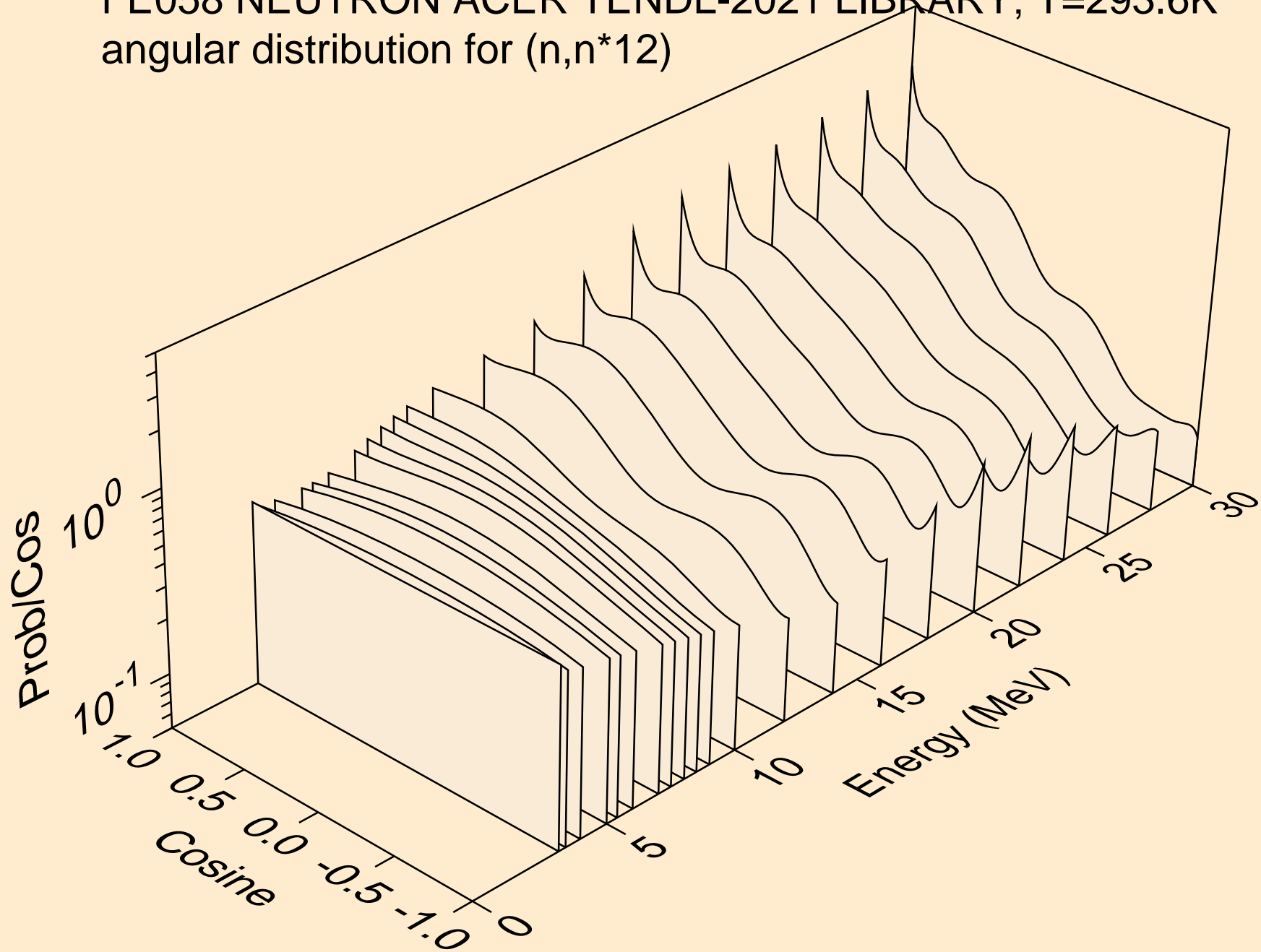
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



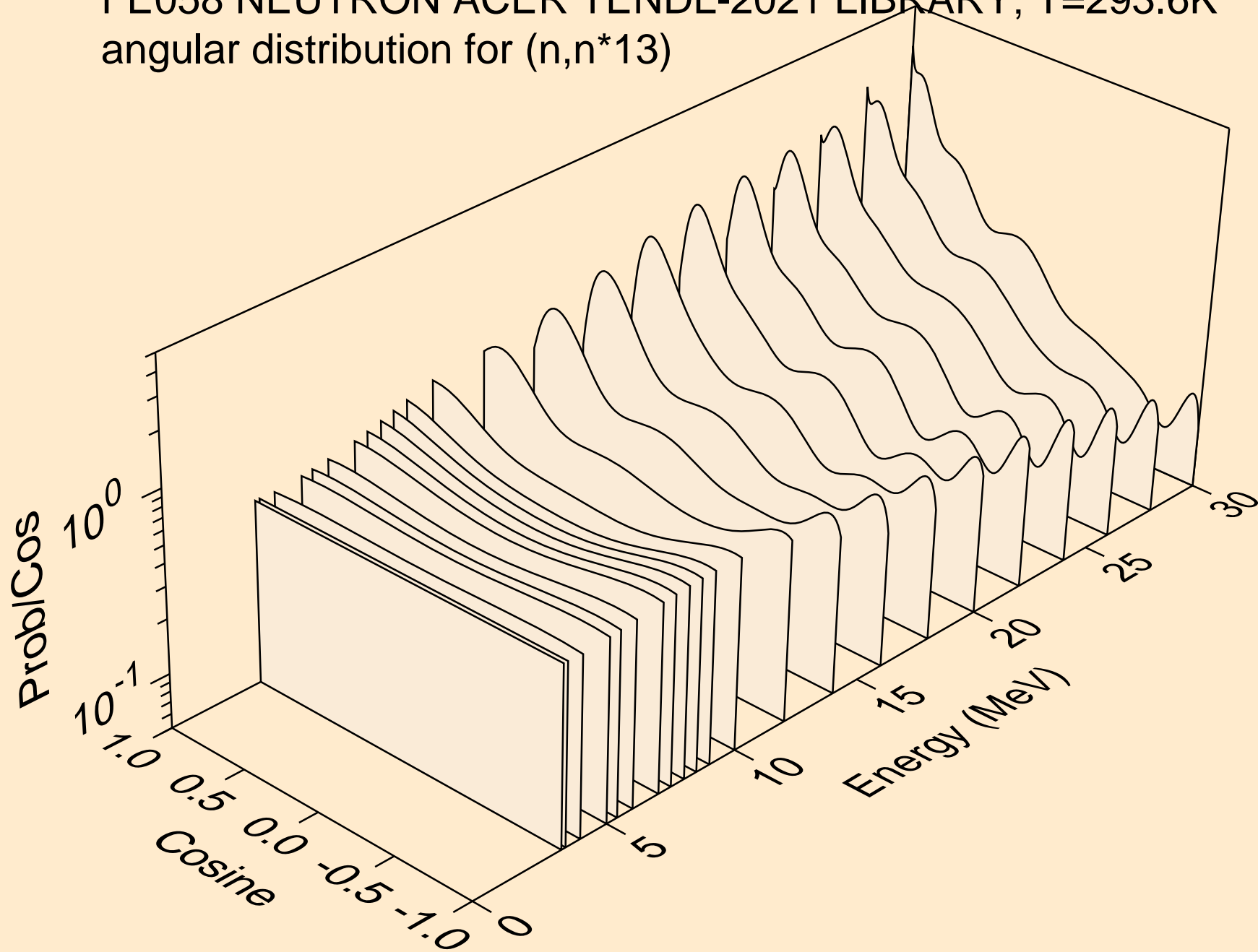
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



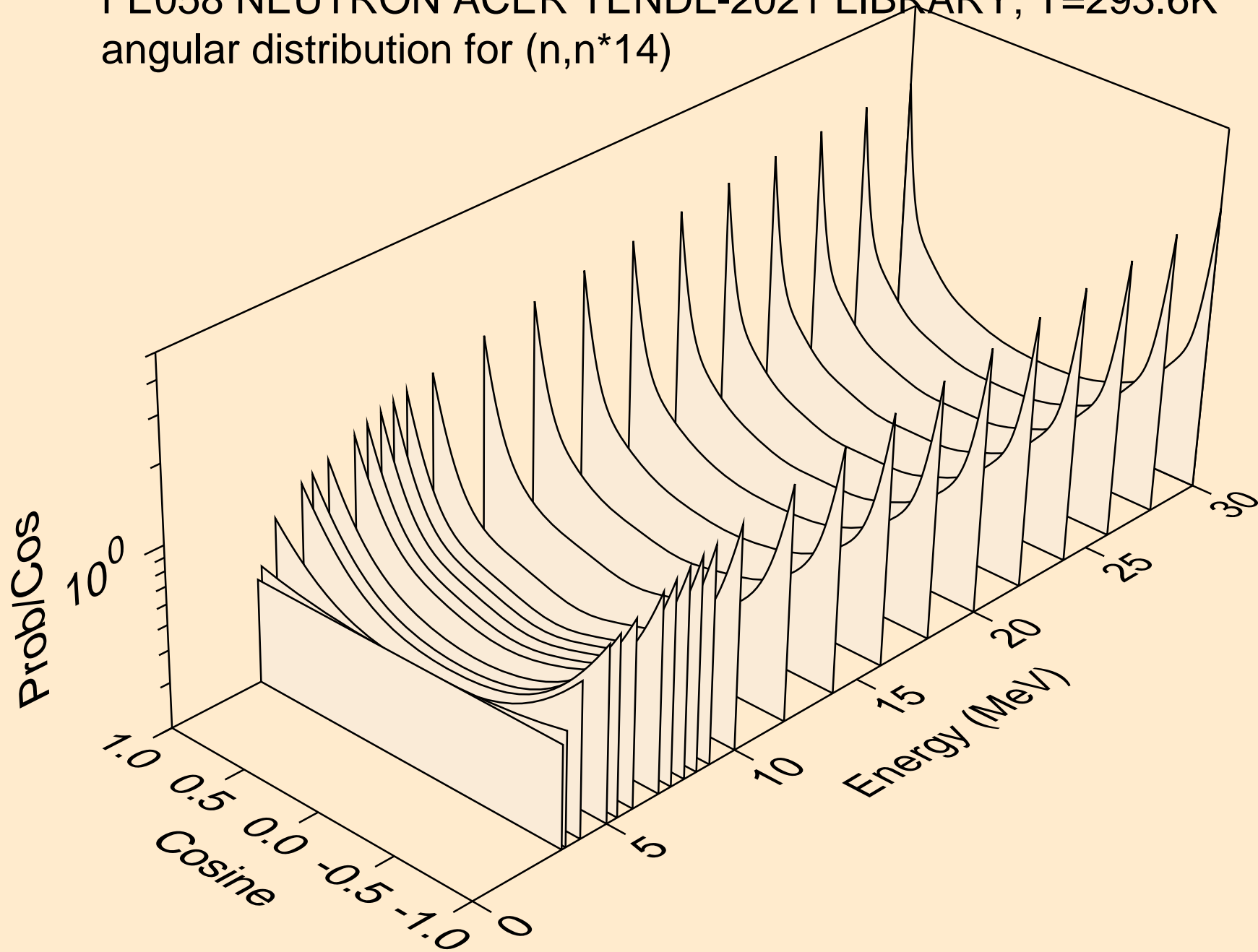
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angular distribution for (n,n\*12)



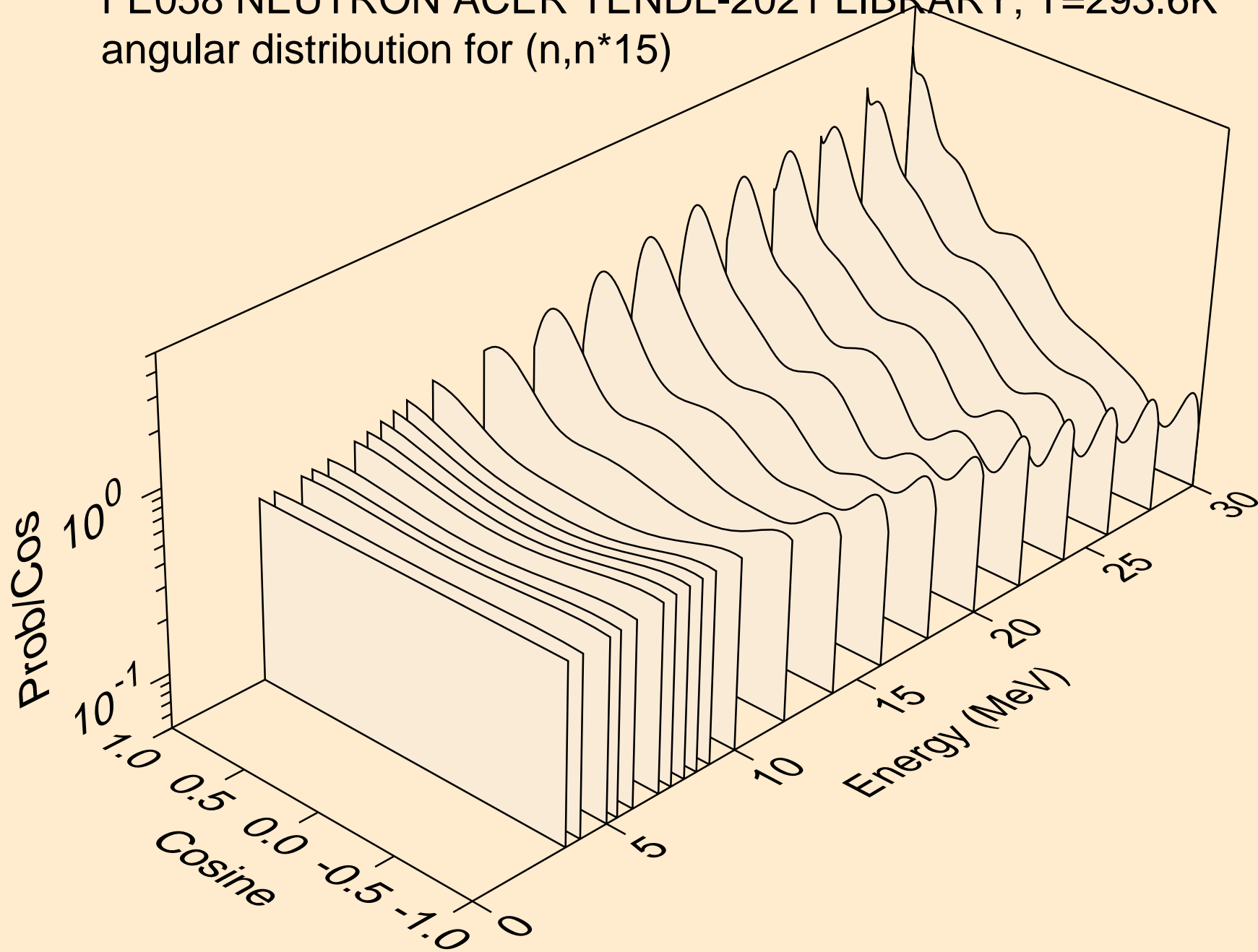
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

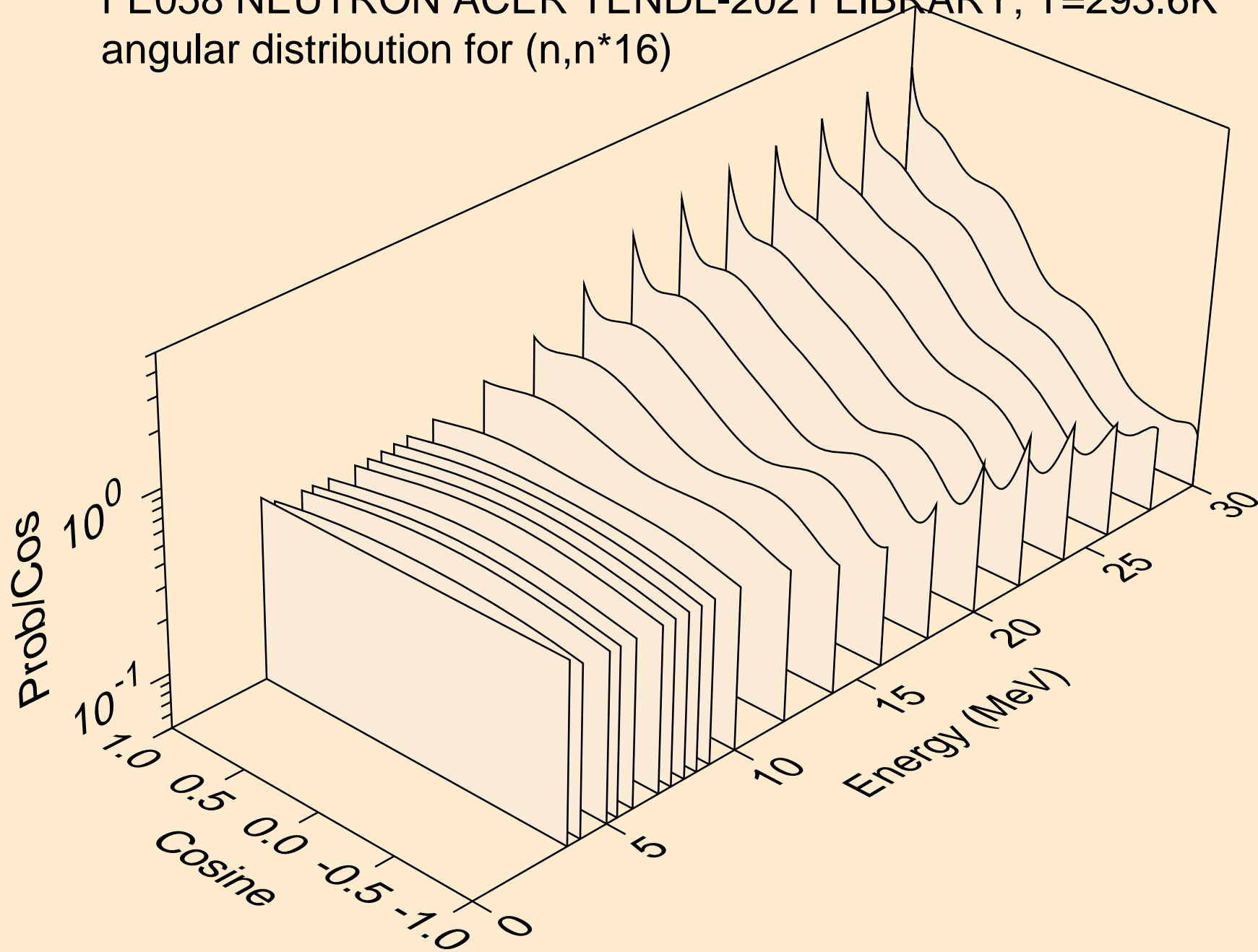


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

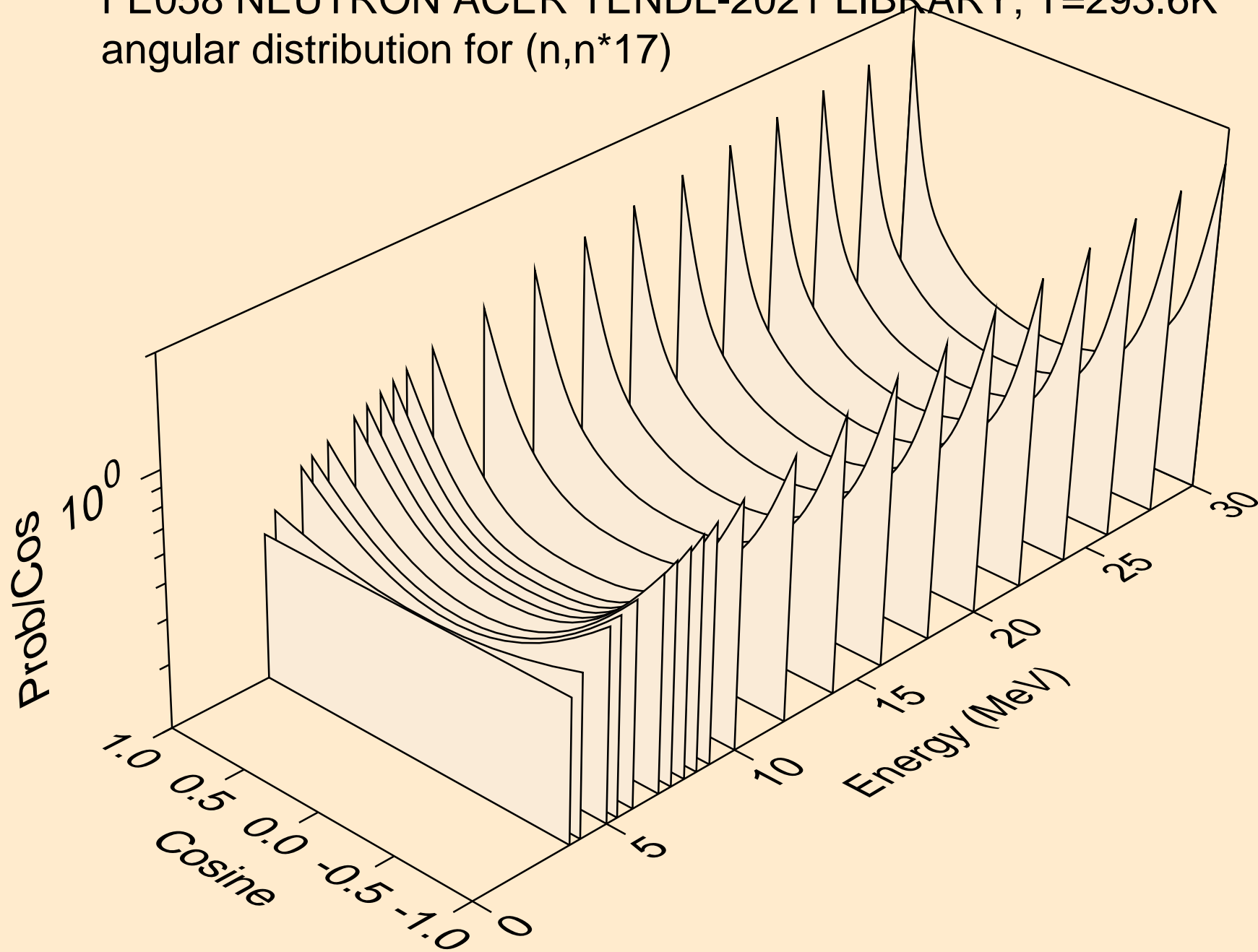




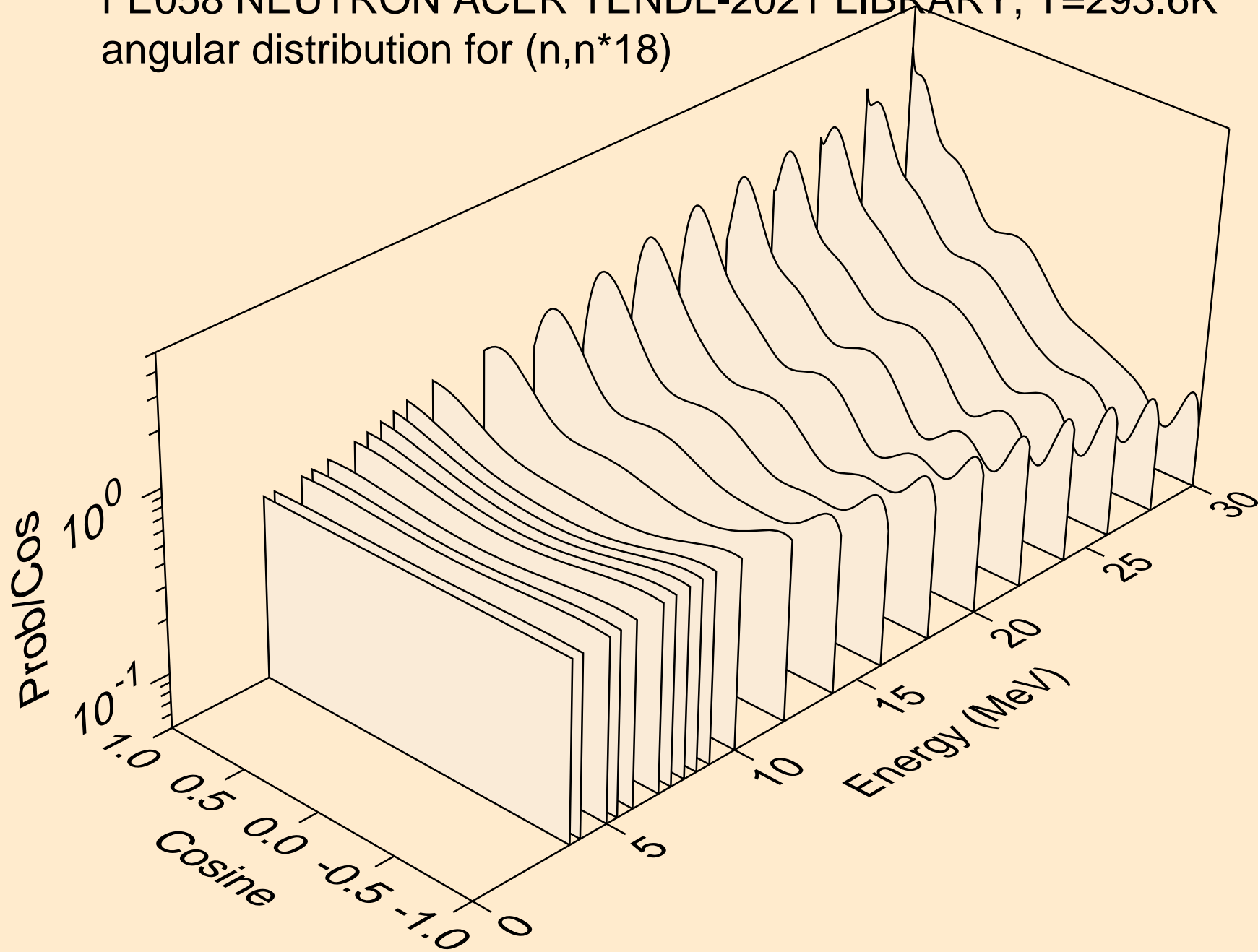
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angular distribution for (n,n\*16)



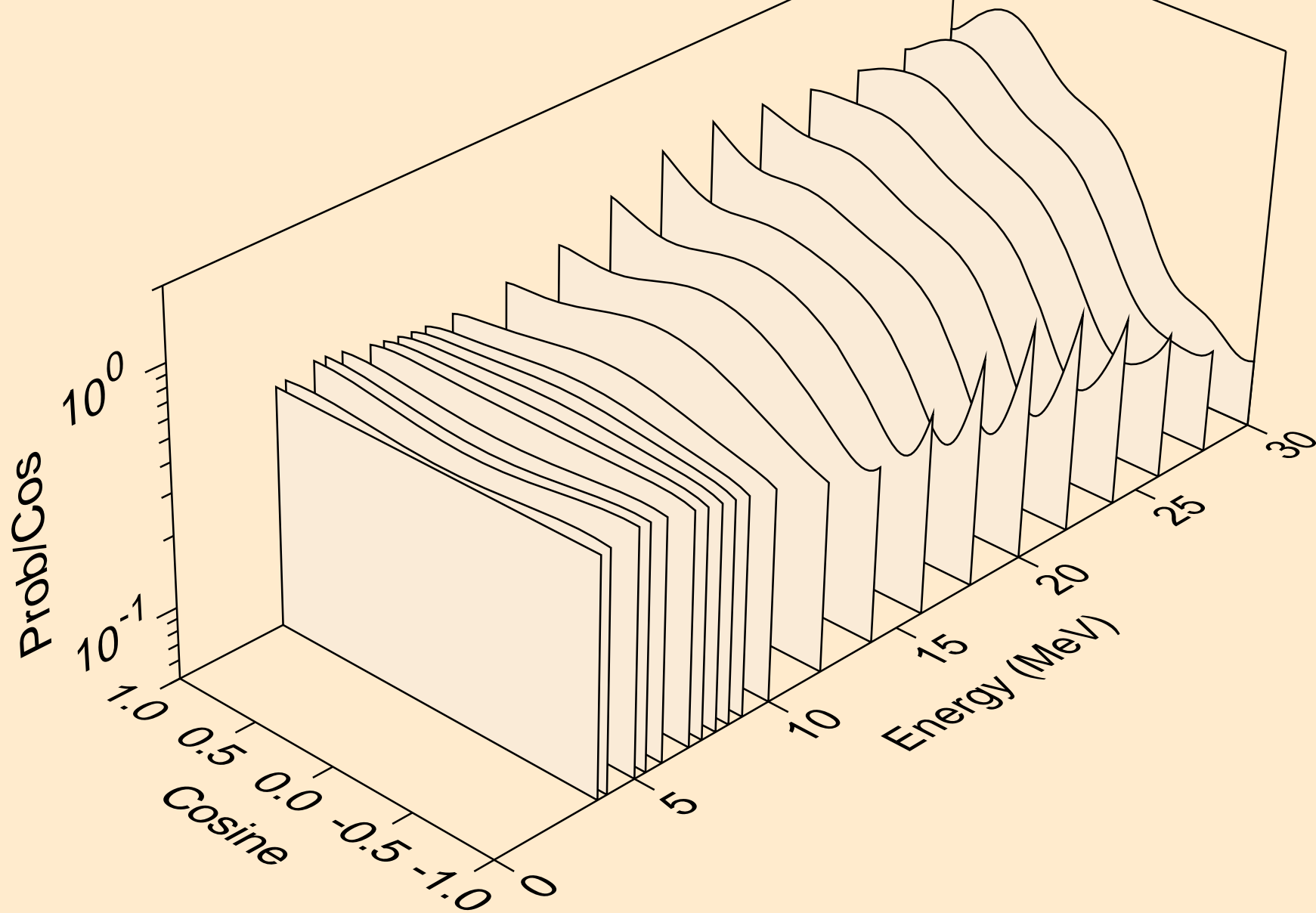
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



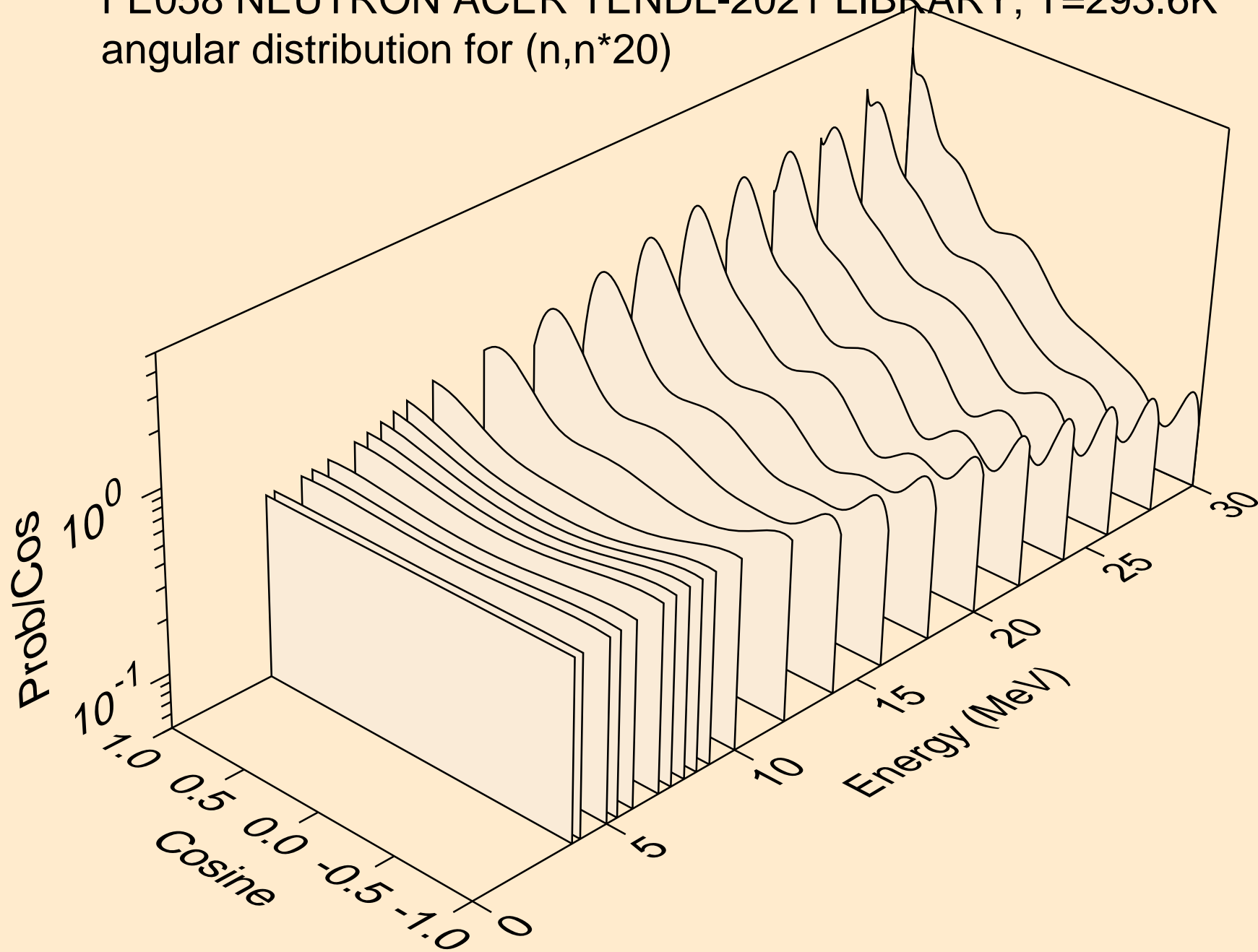
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



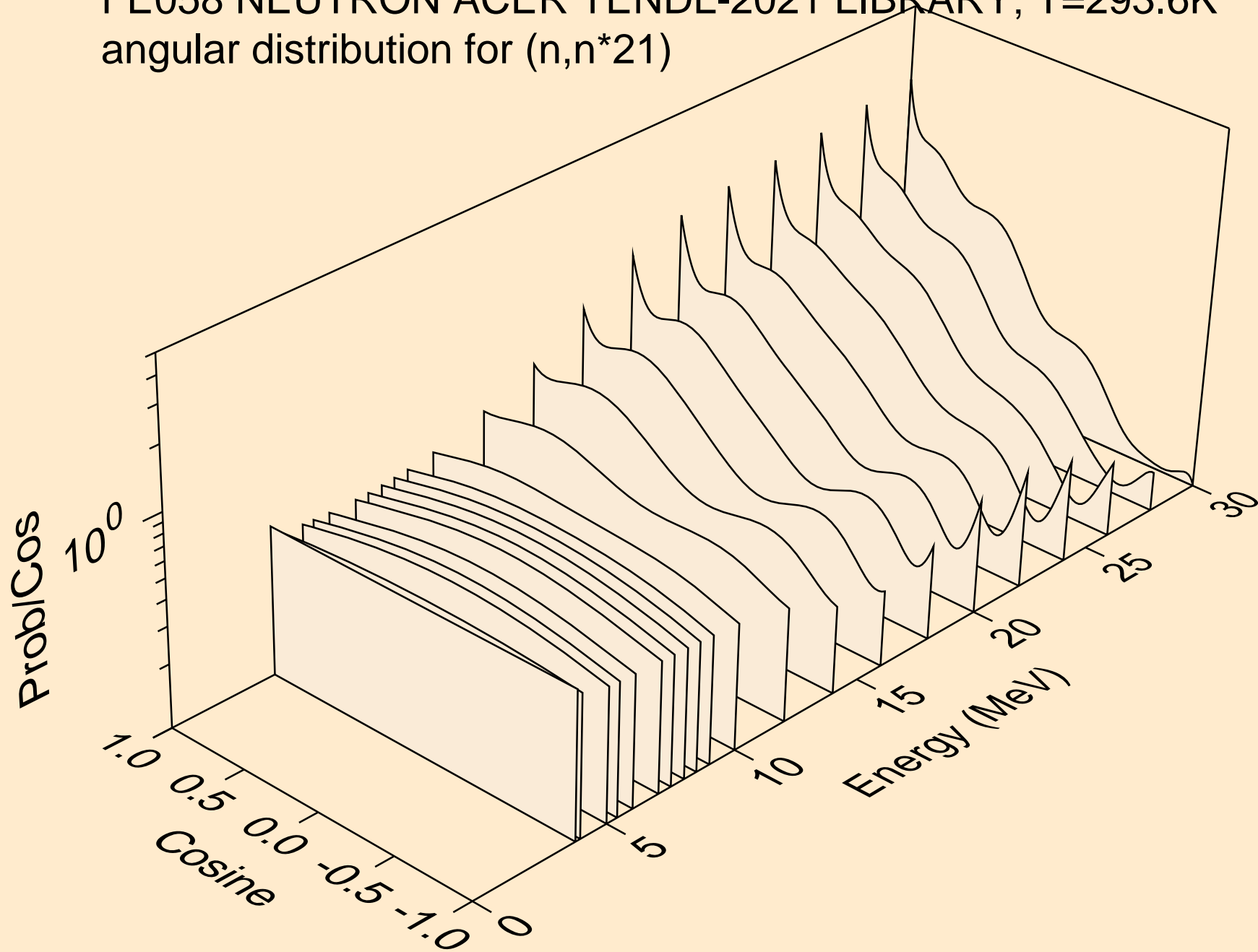
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



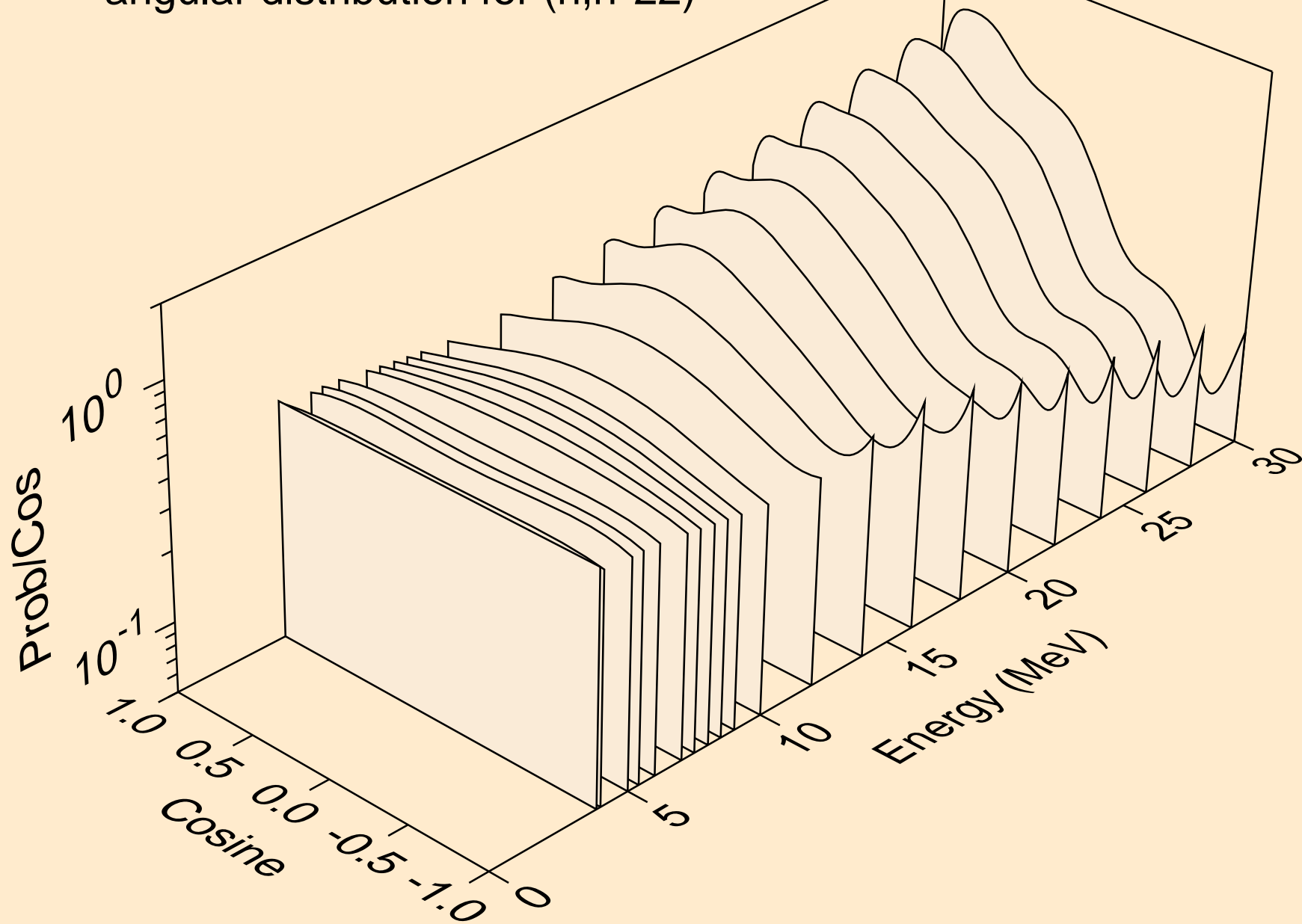
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



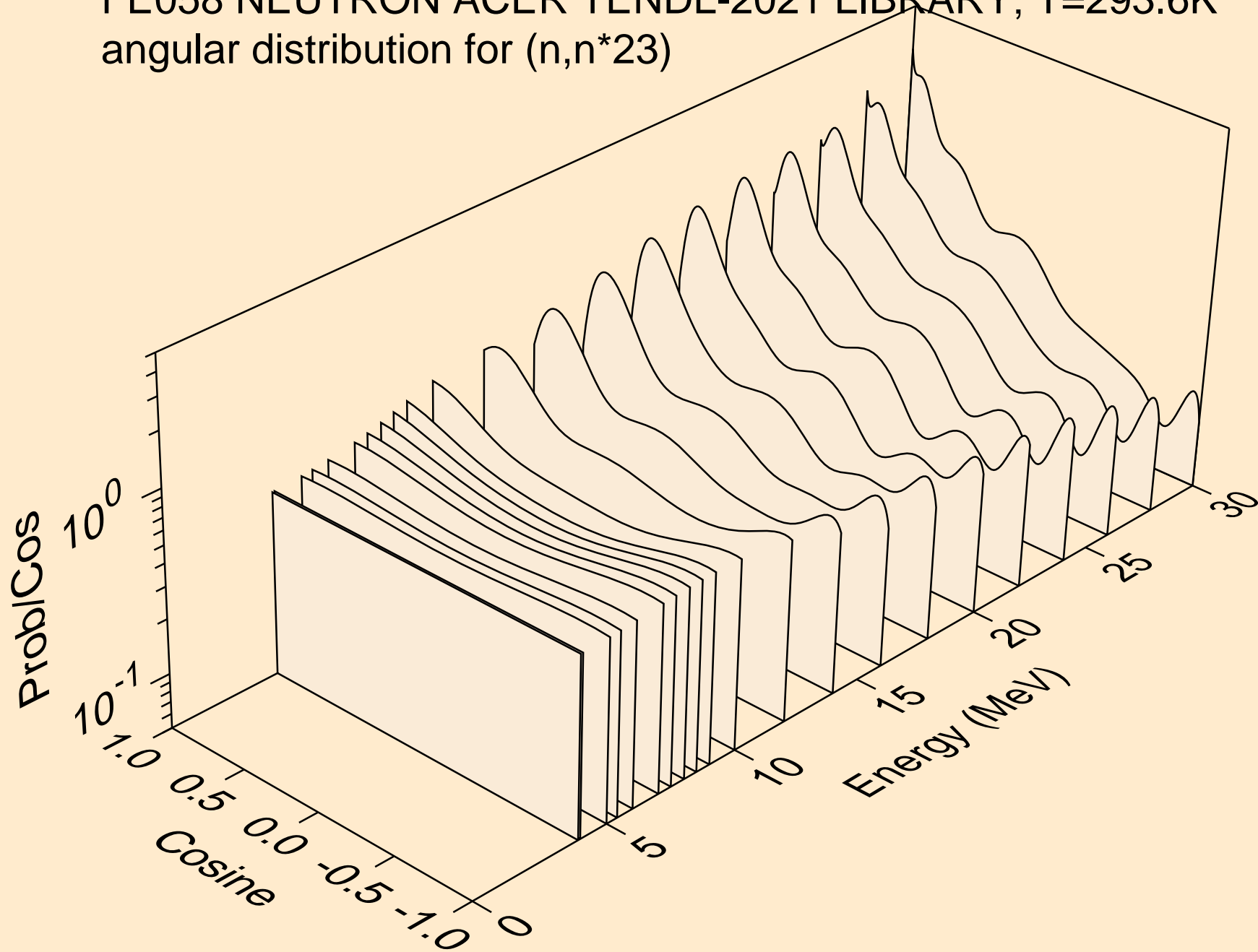
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

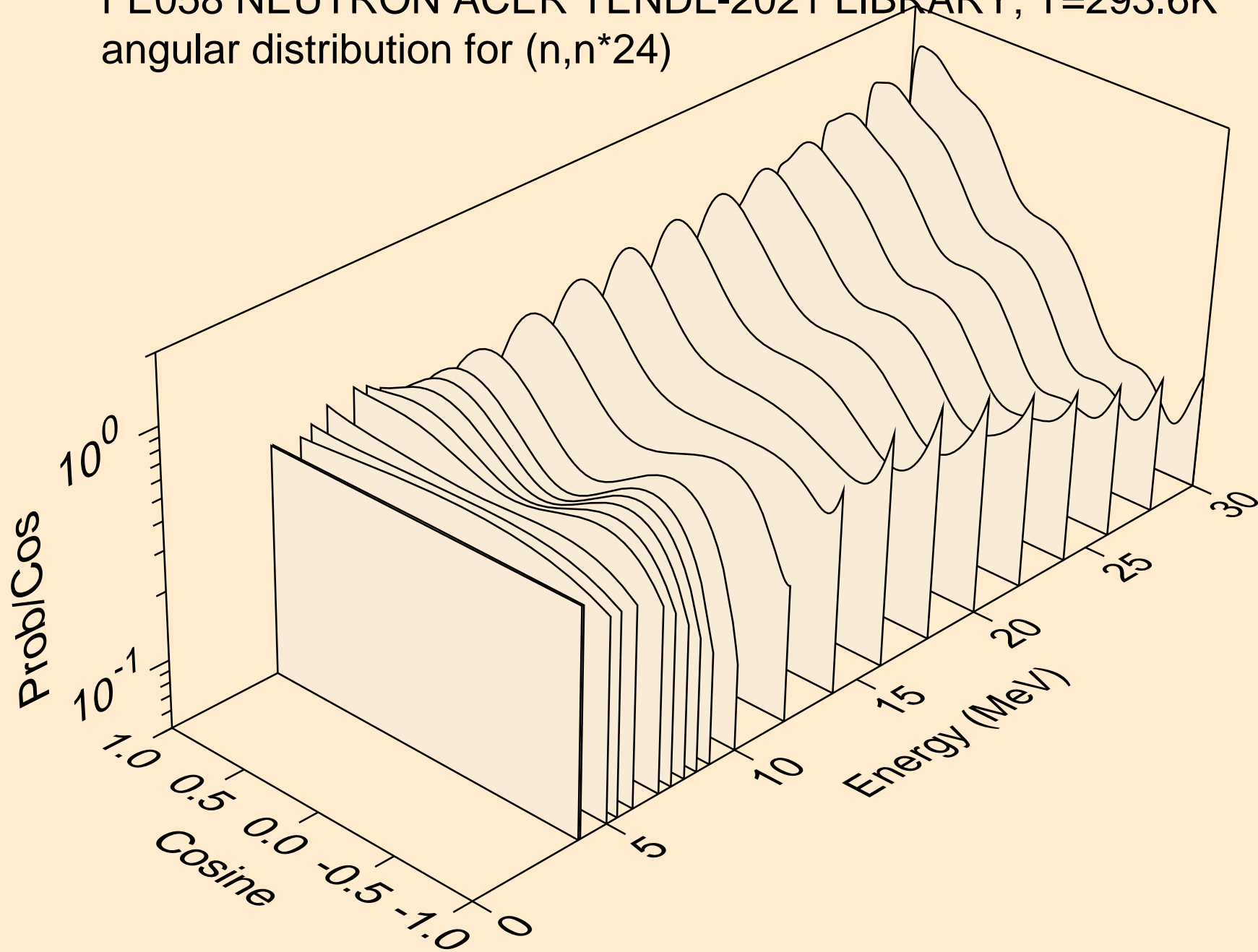


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

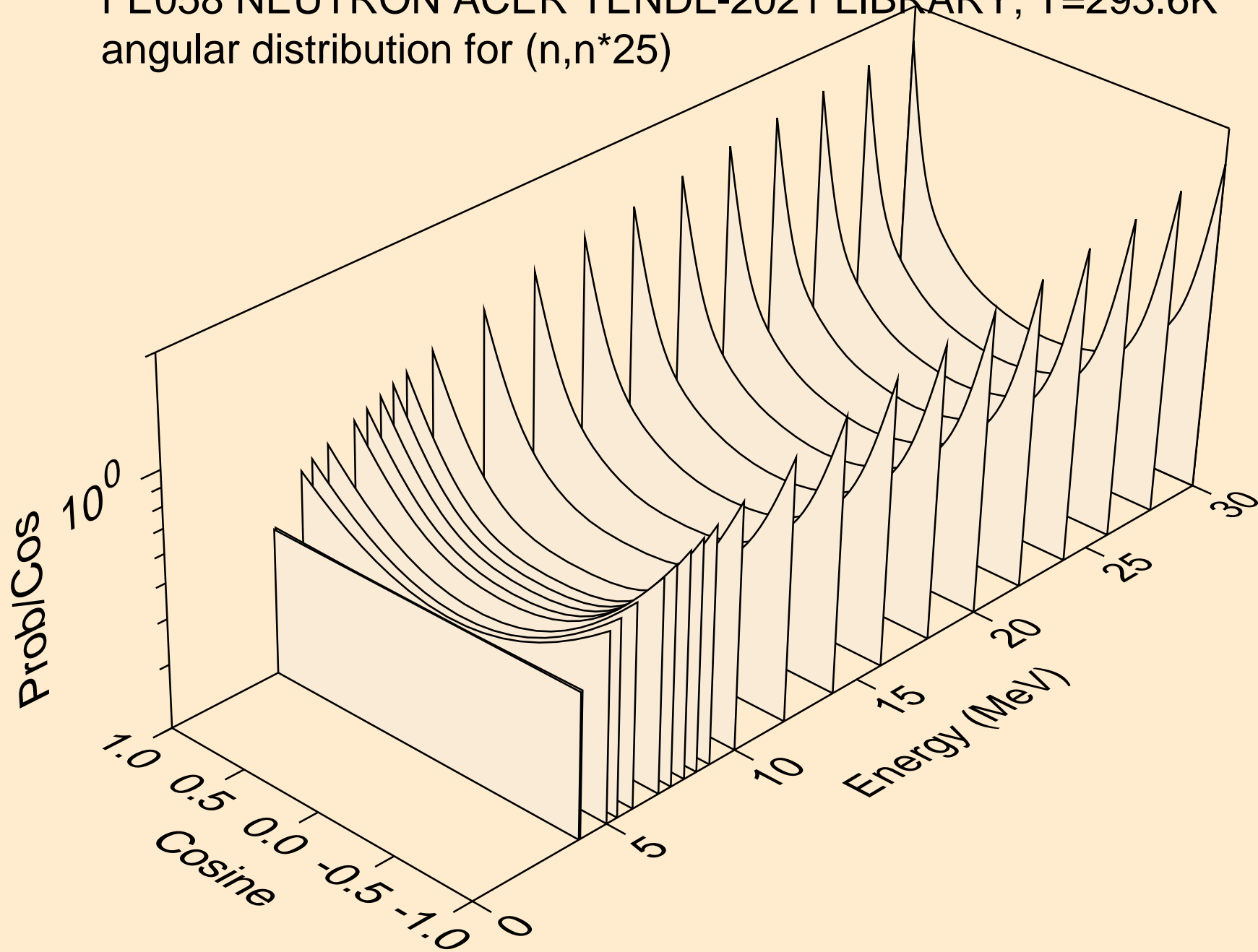




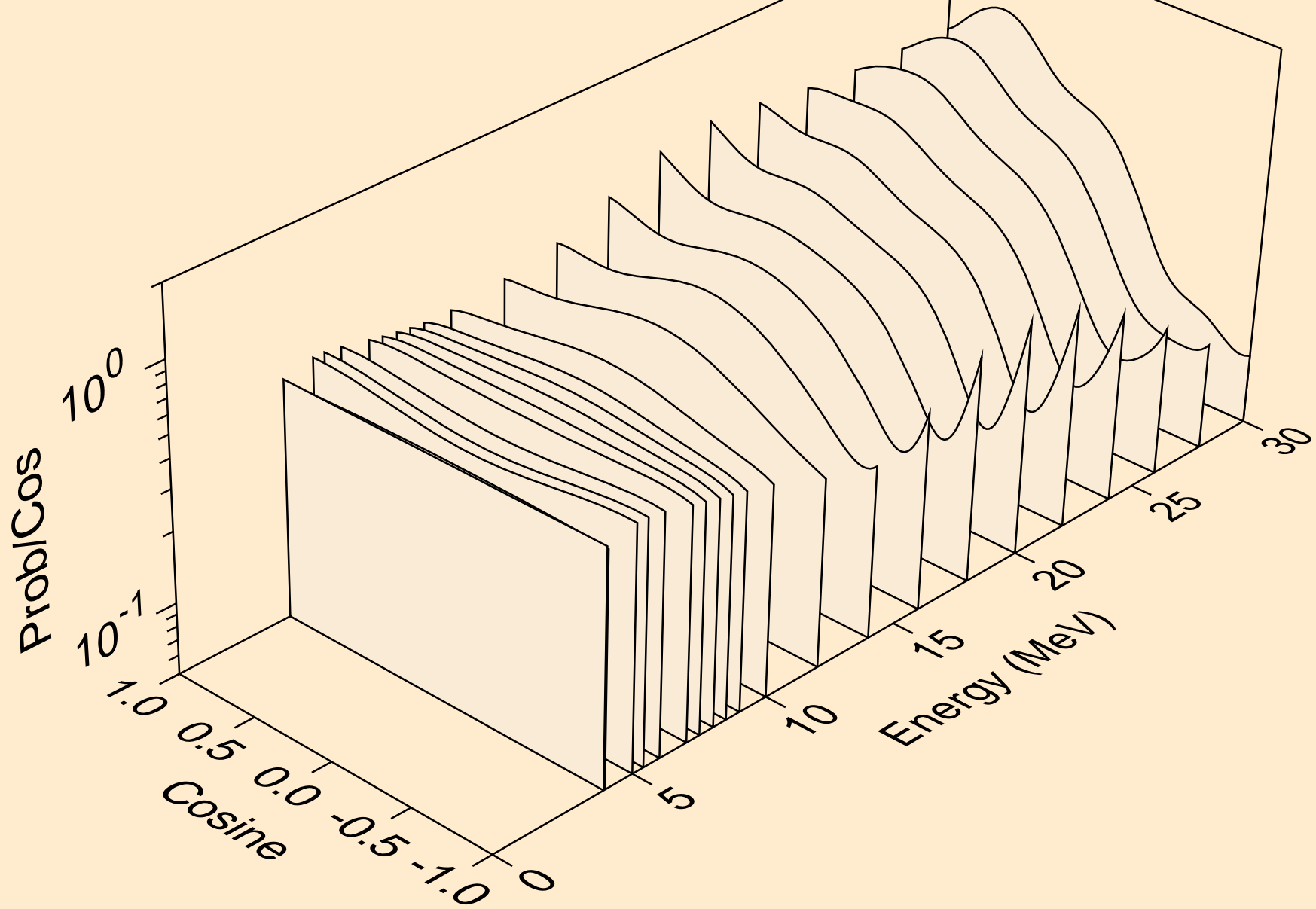
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



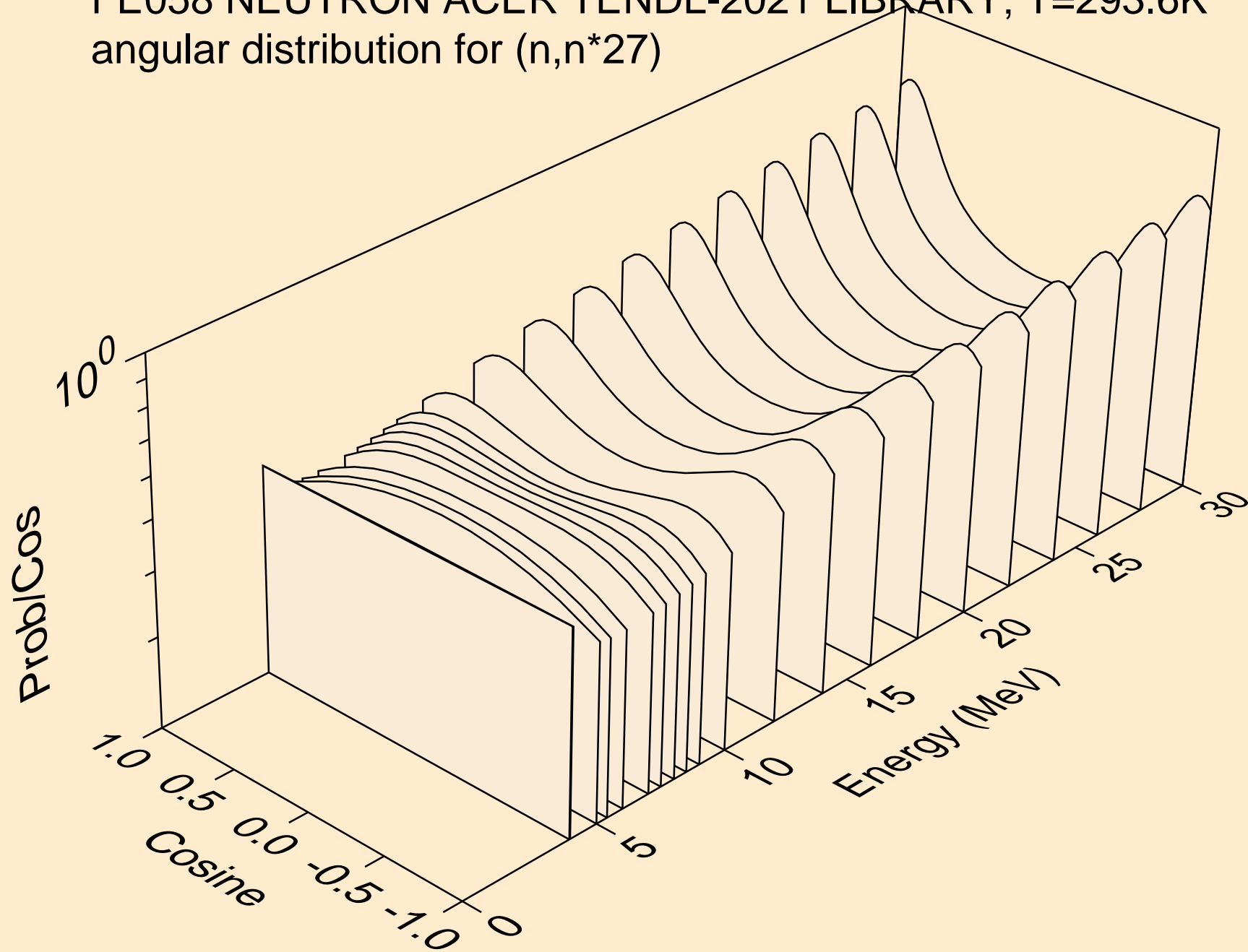
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



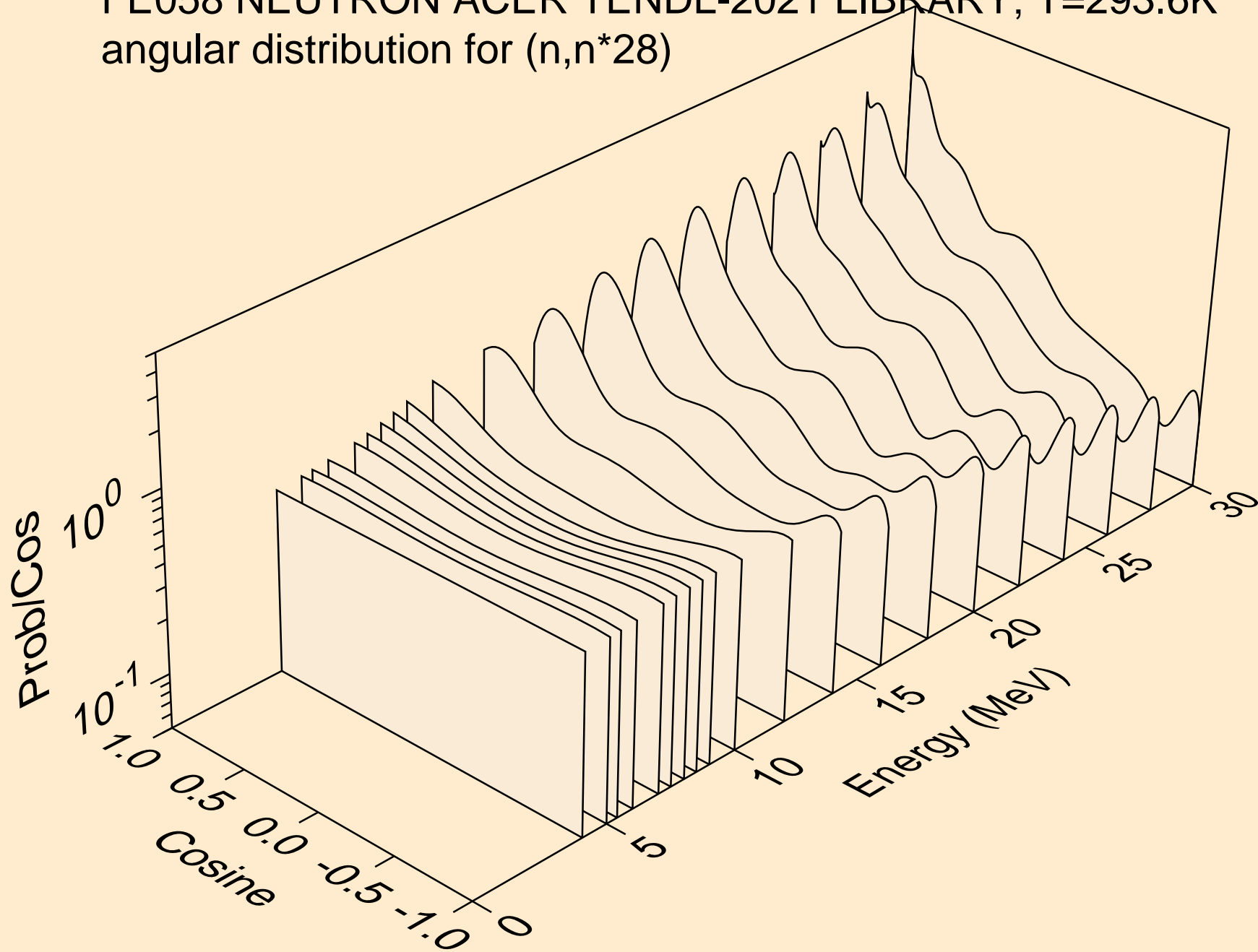
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



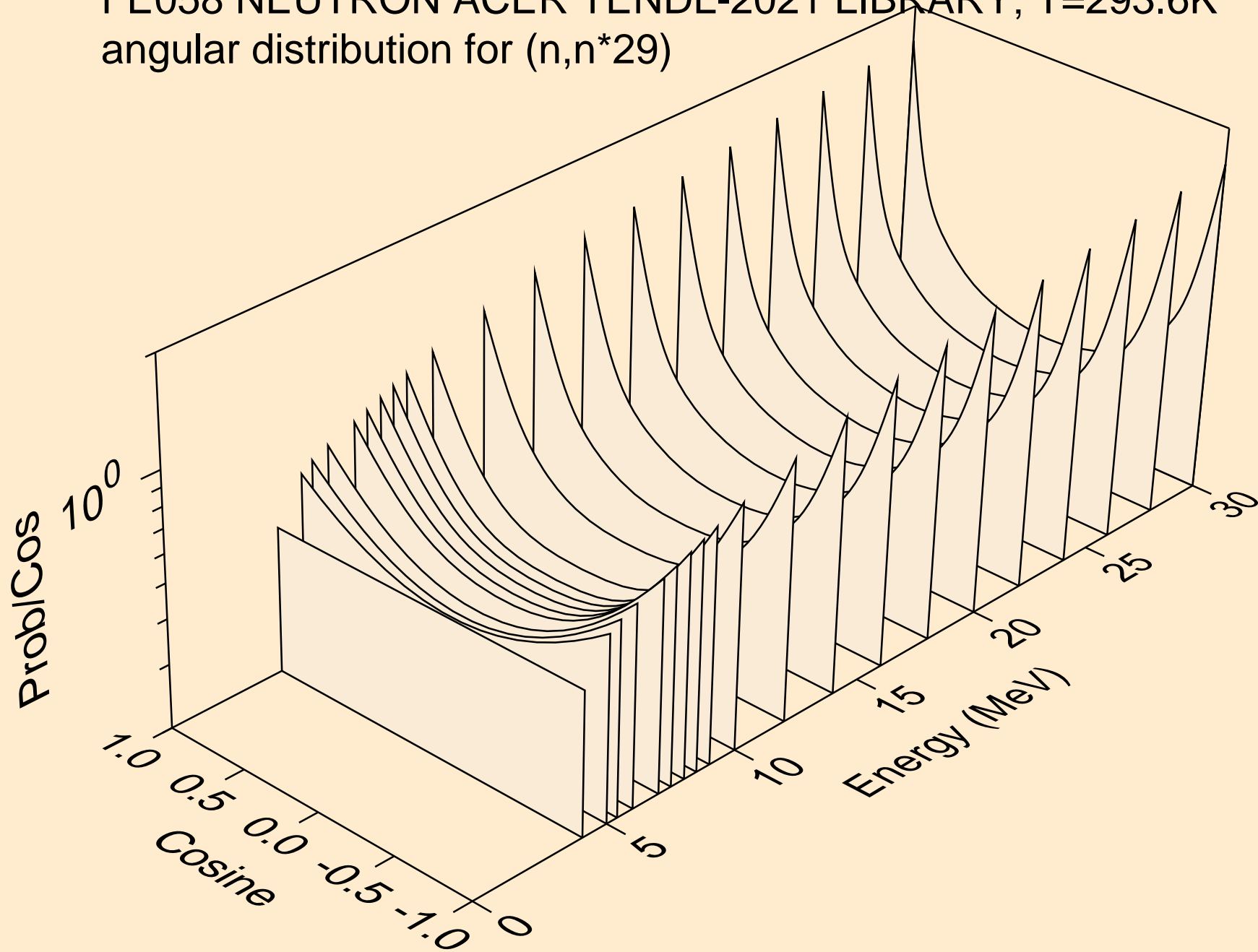
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



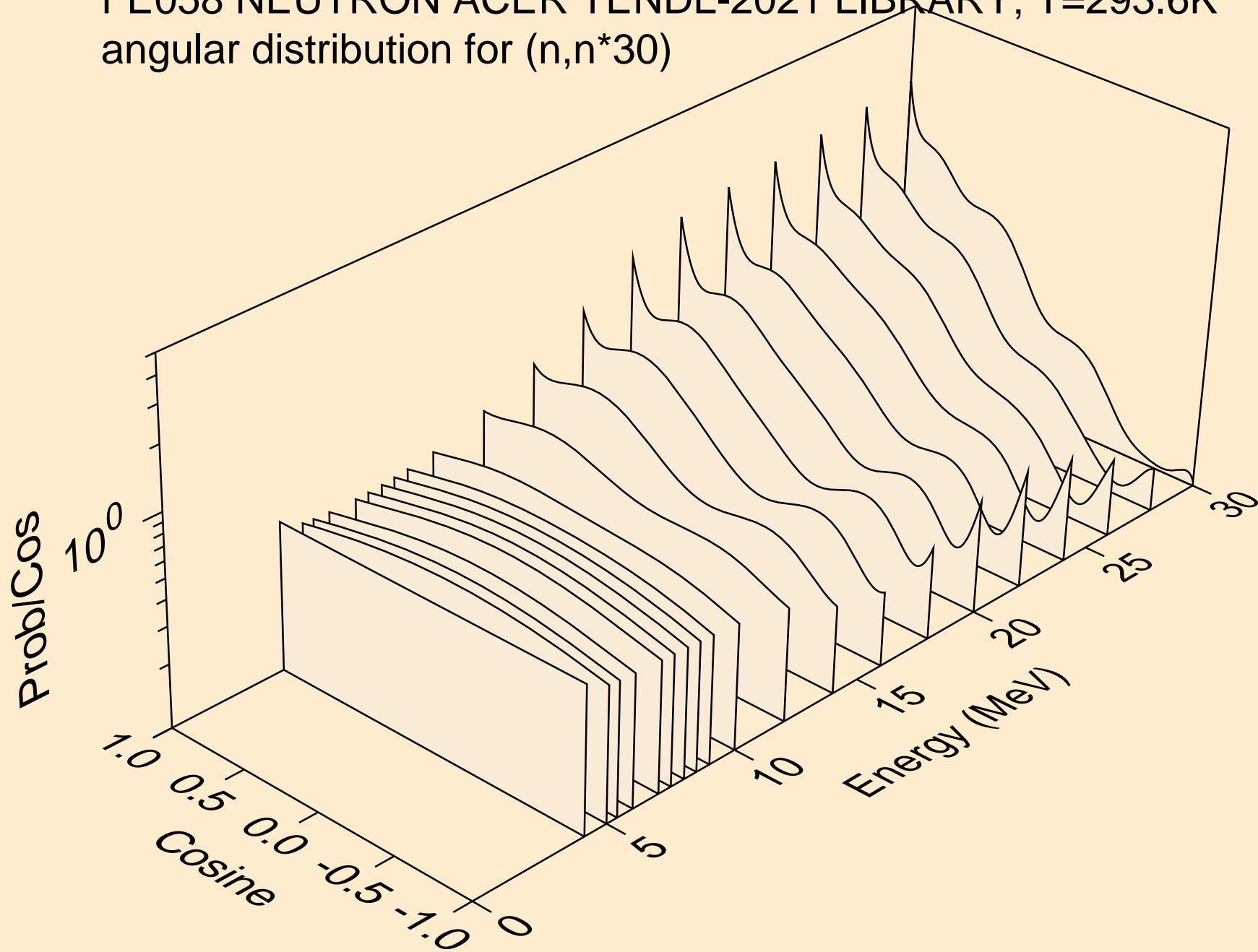
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



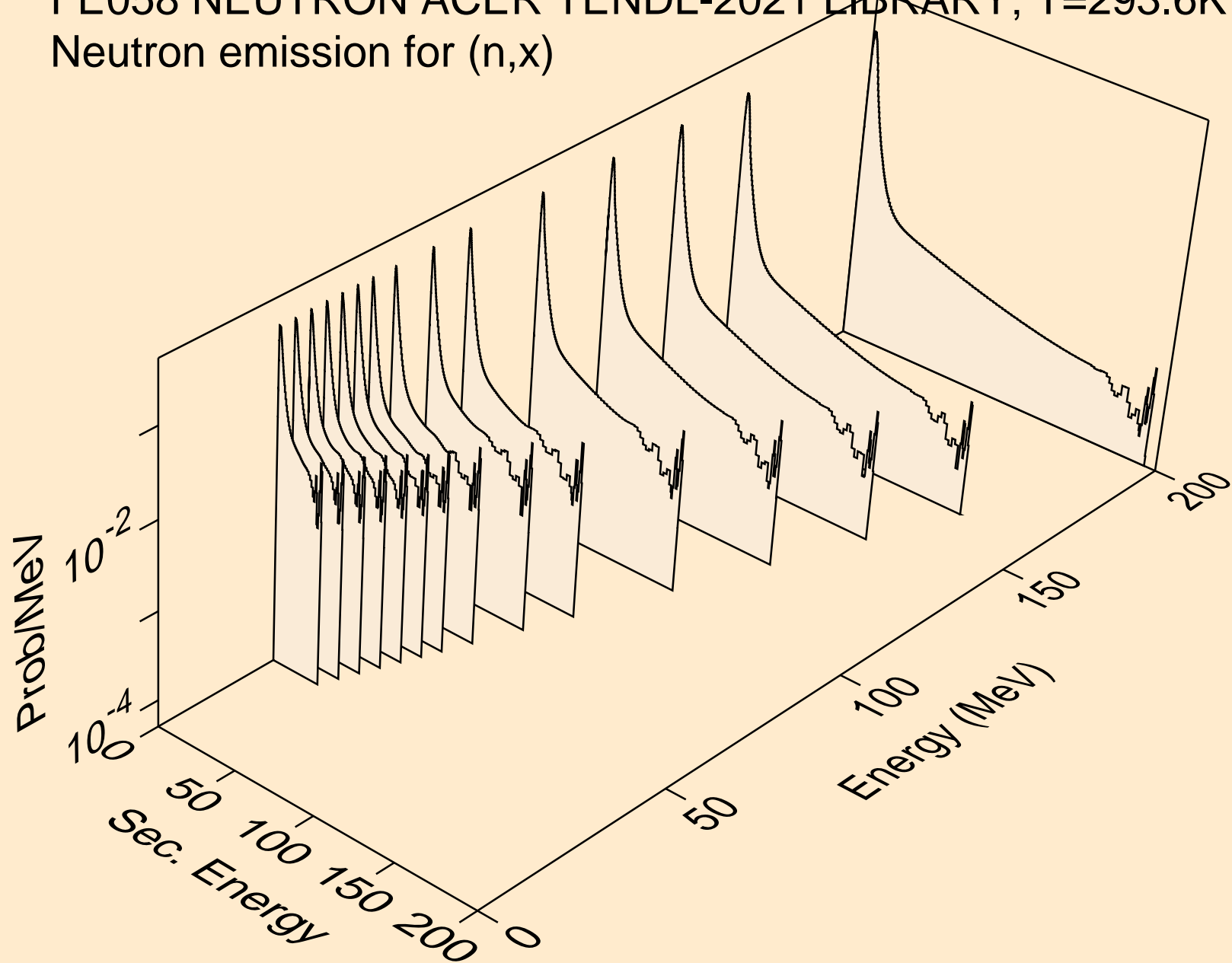
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

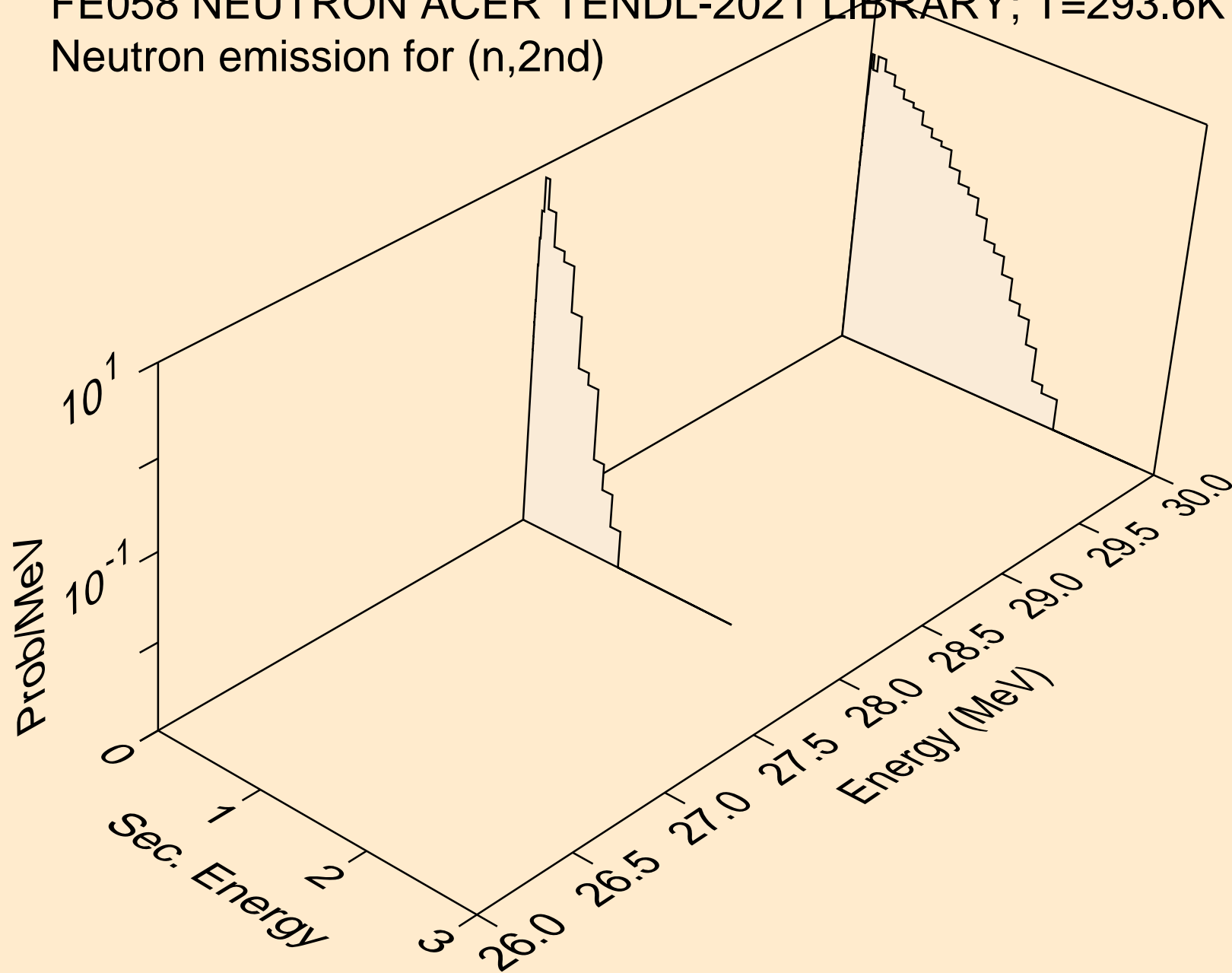


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

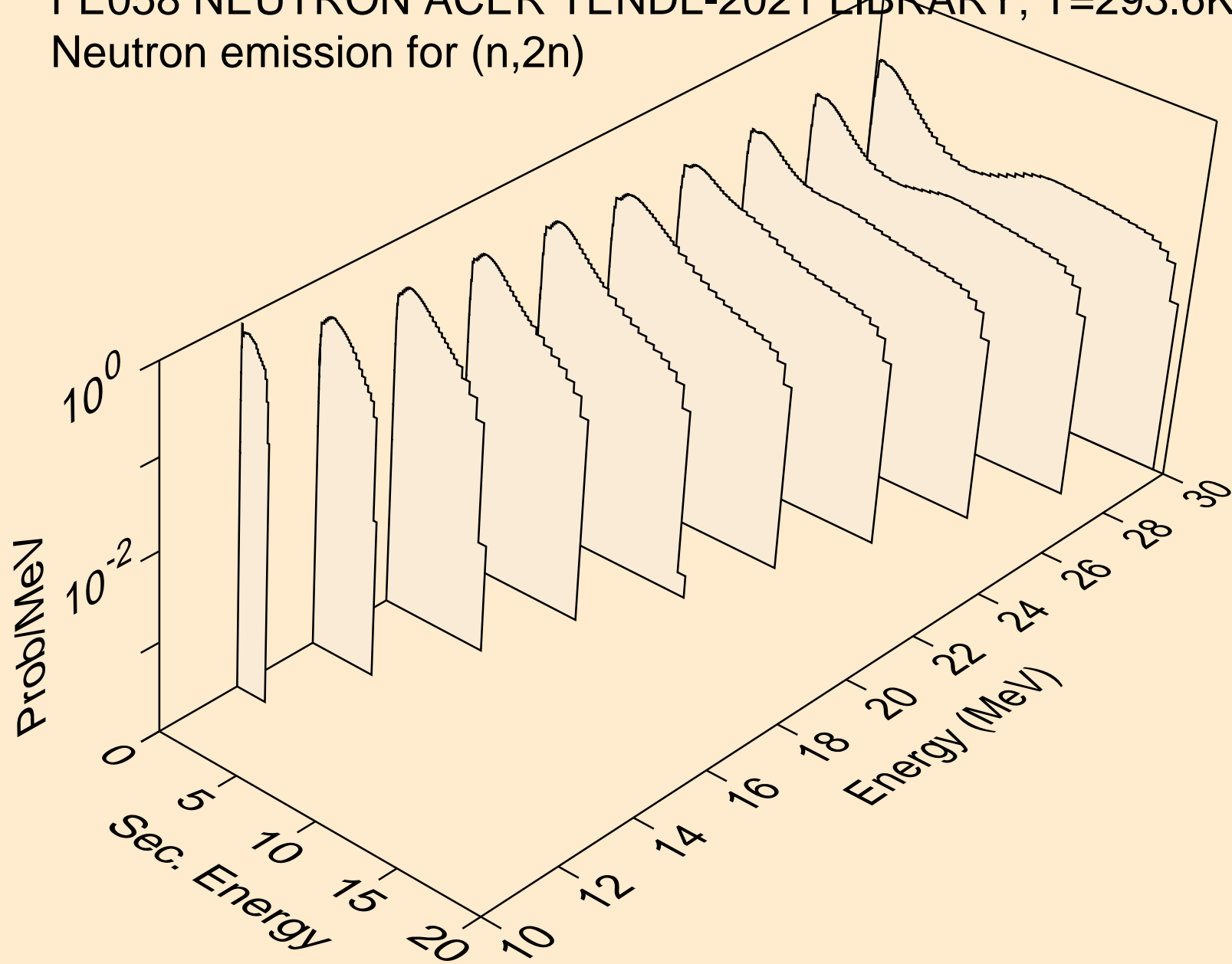




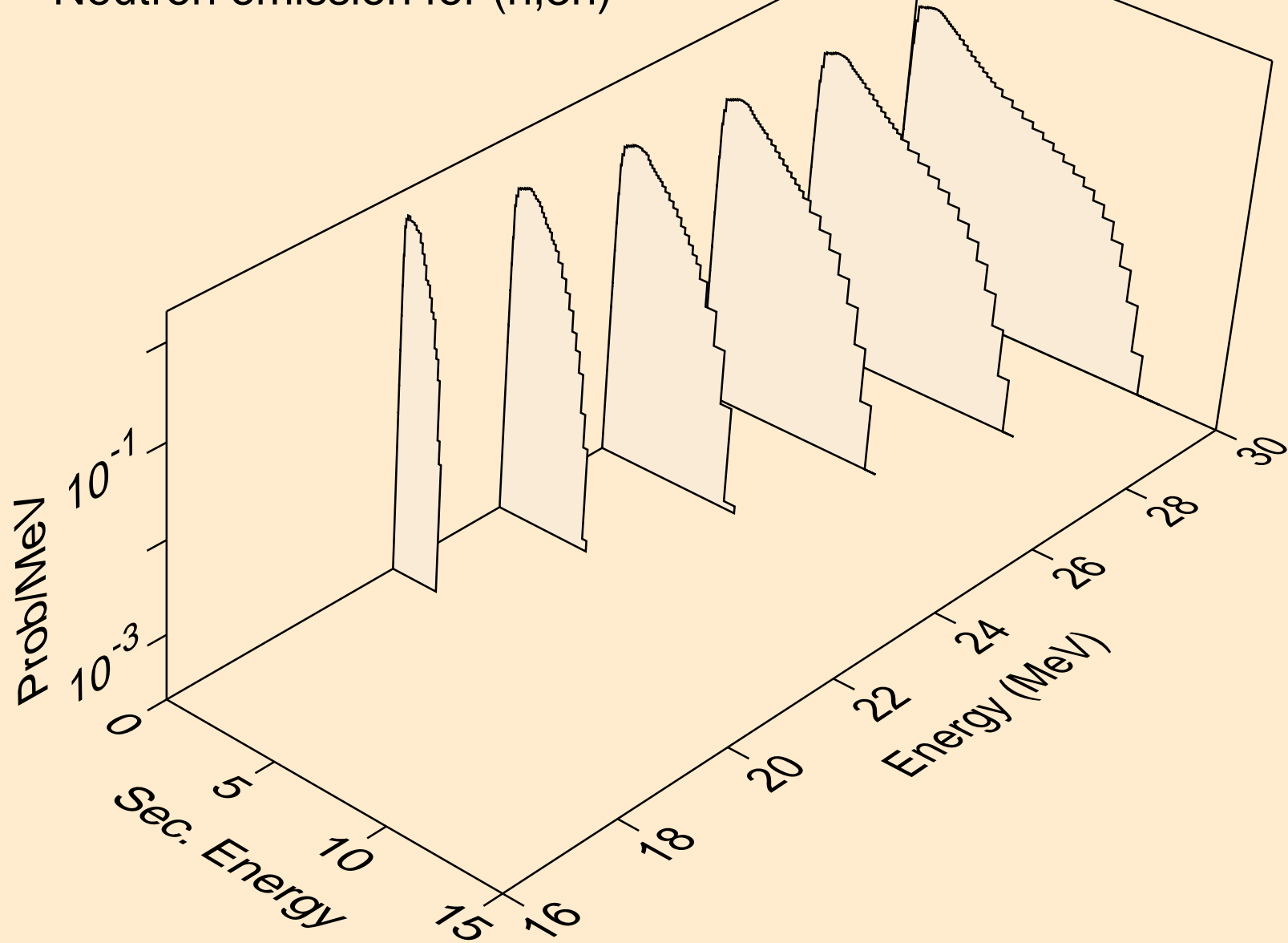
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



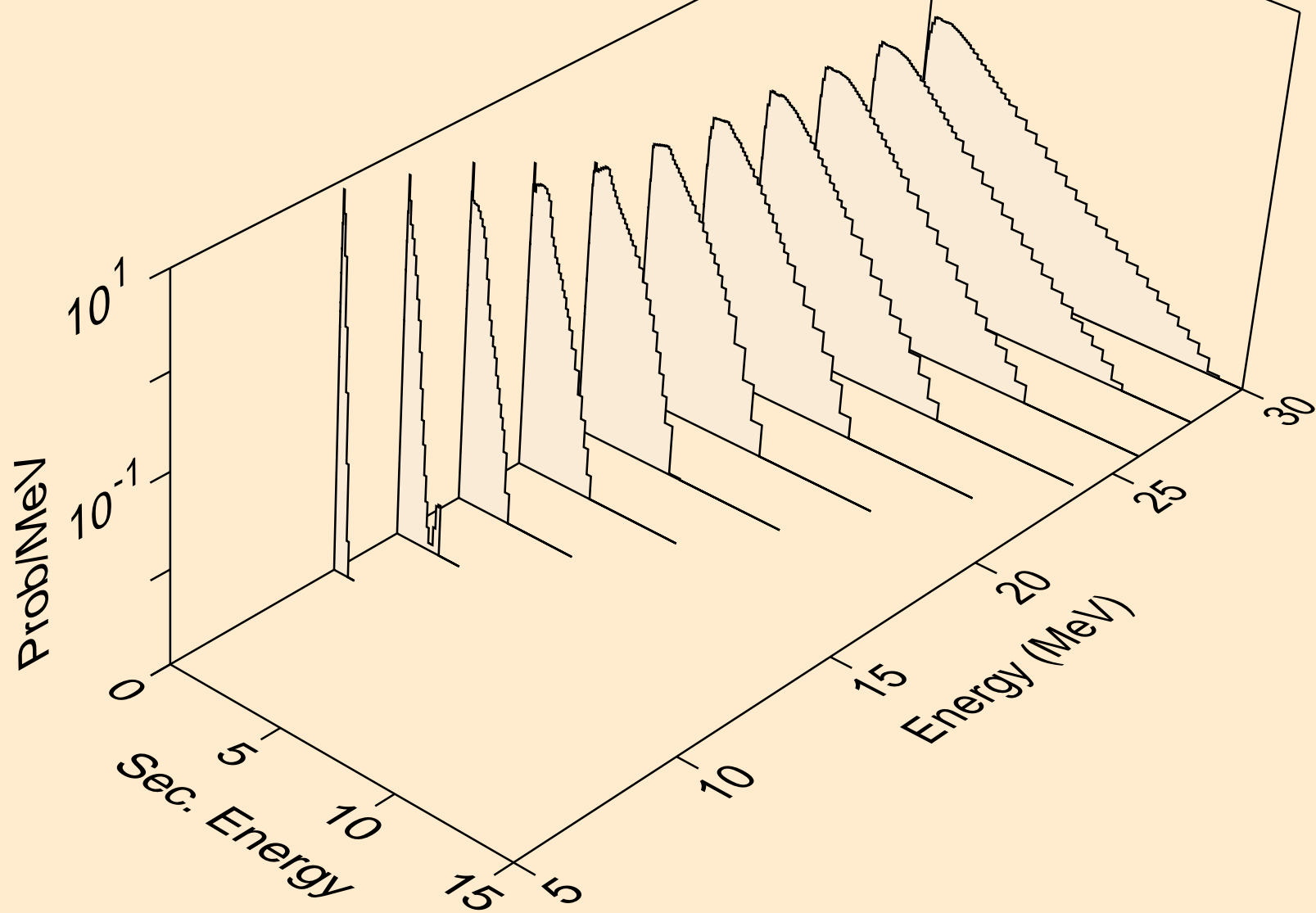
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



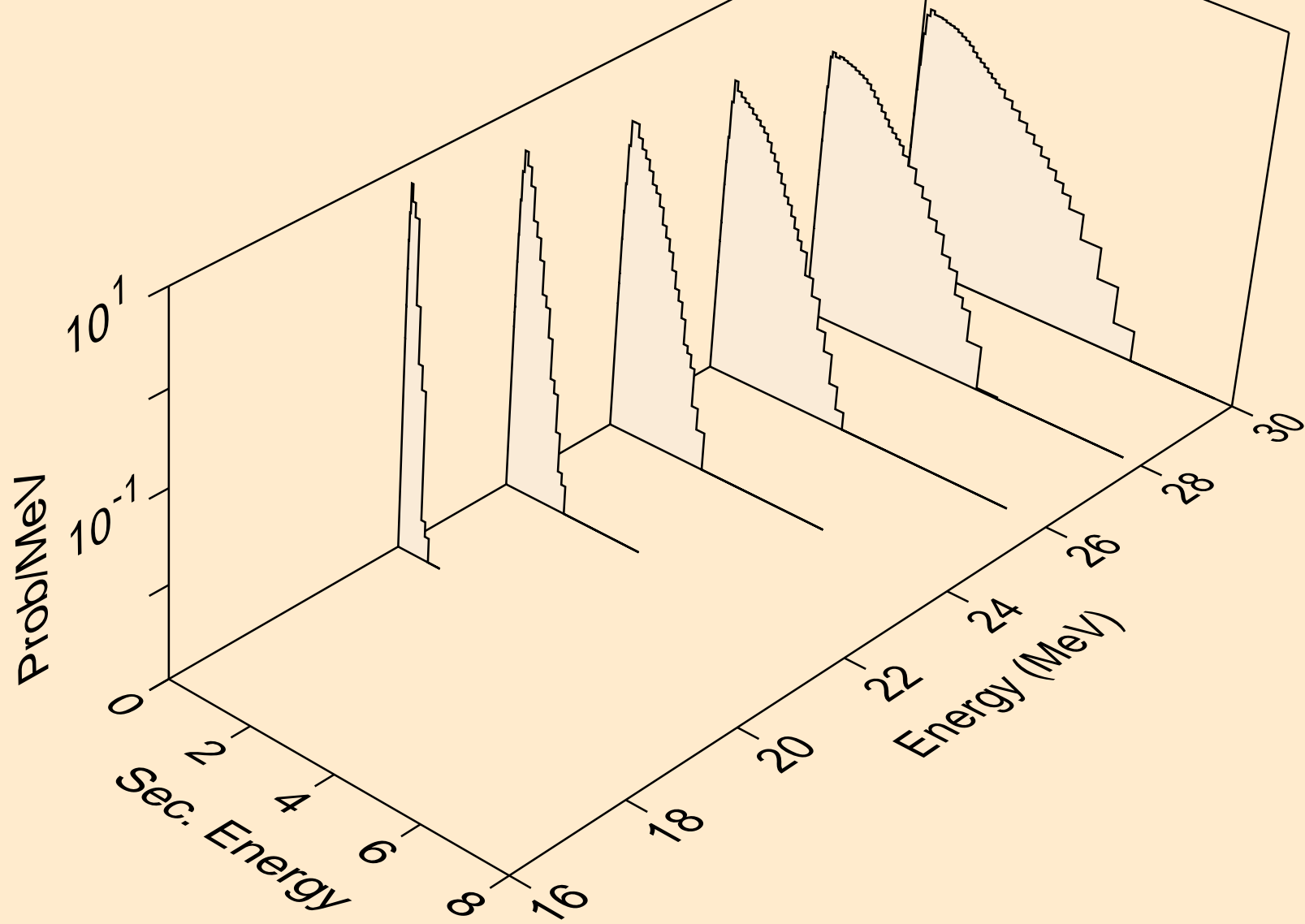
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



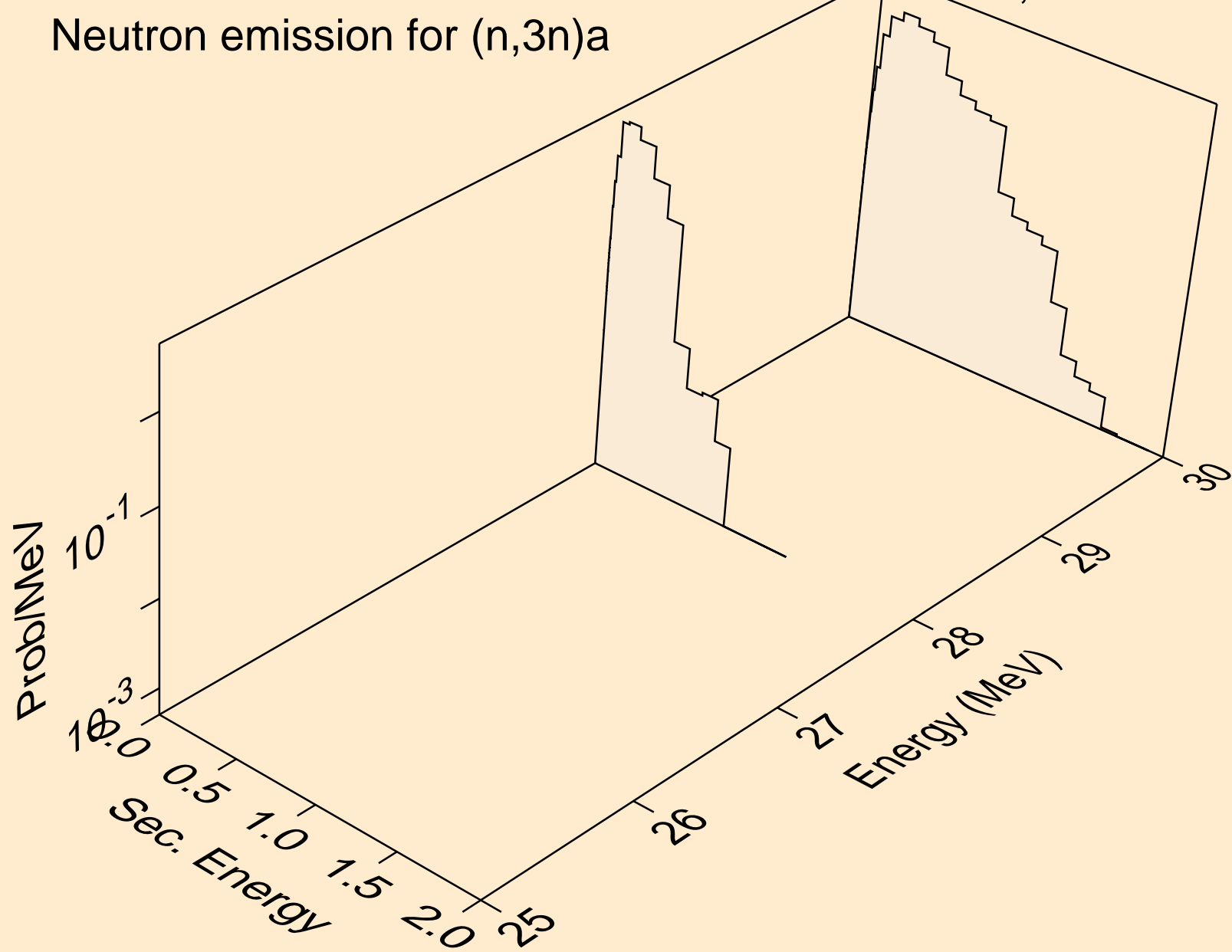
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Neutron emission for (n,n\*)a



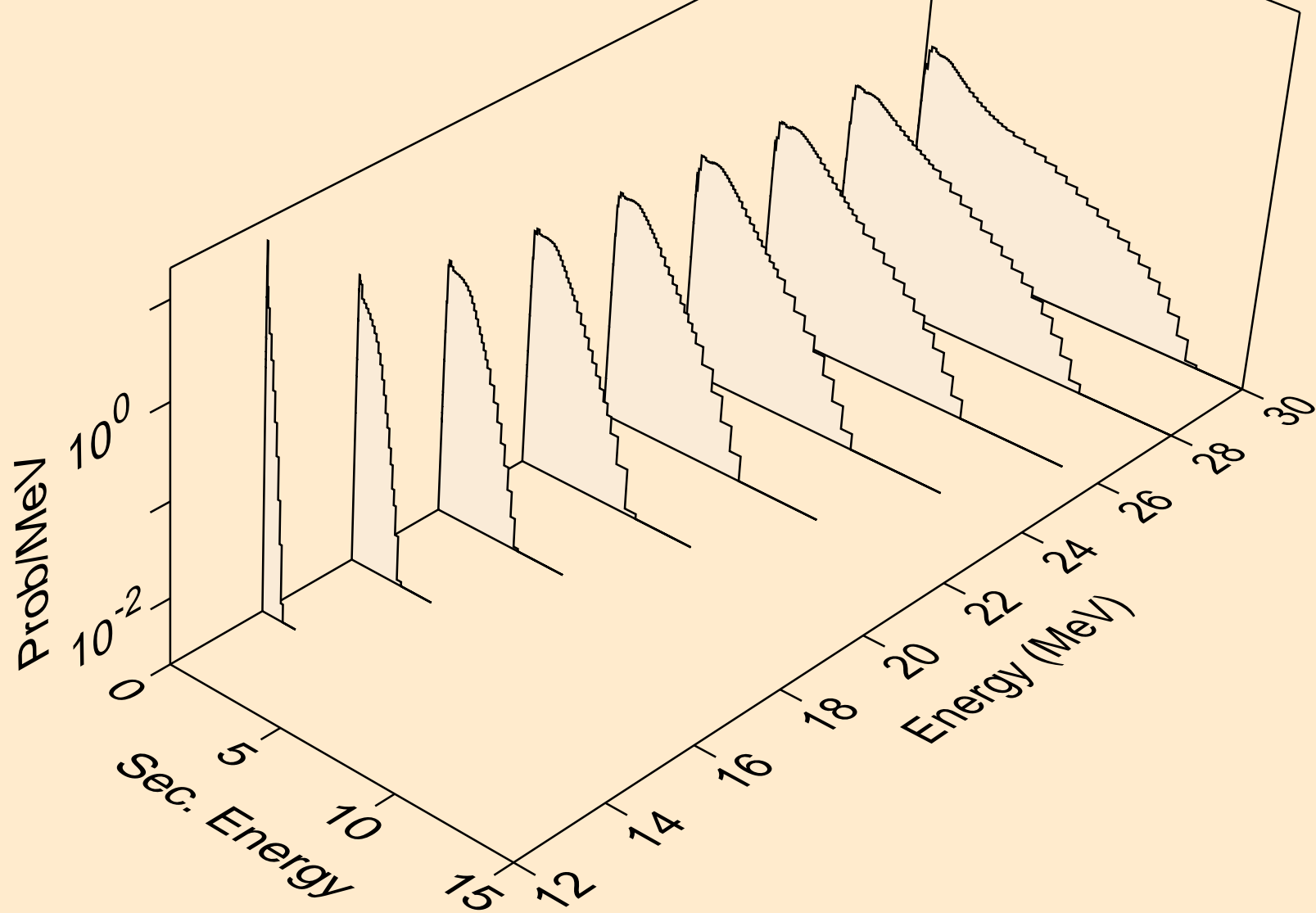
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



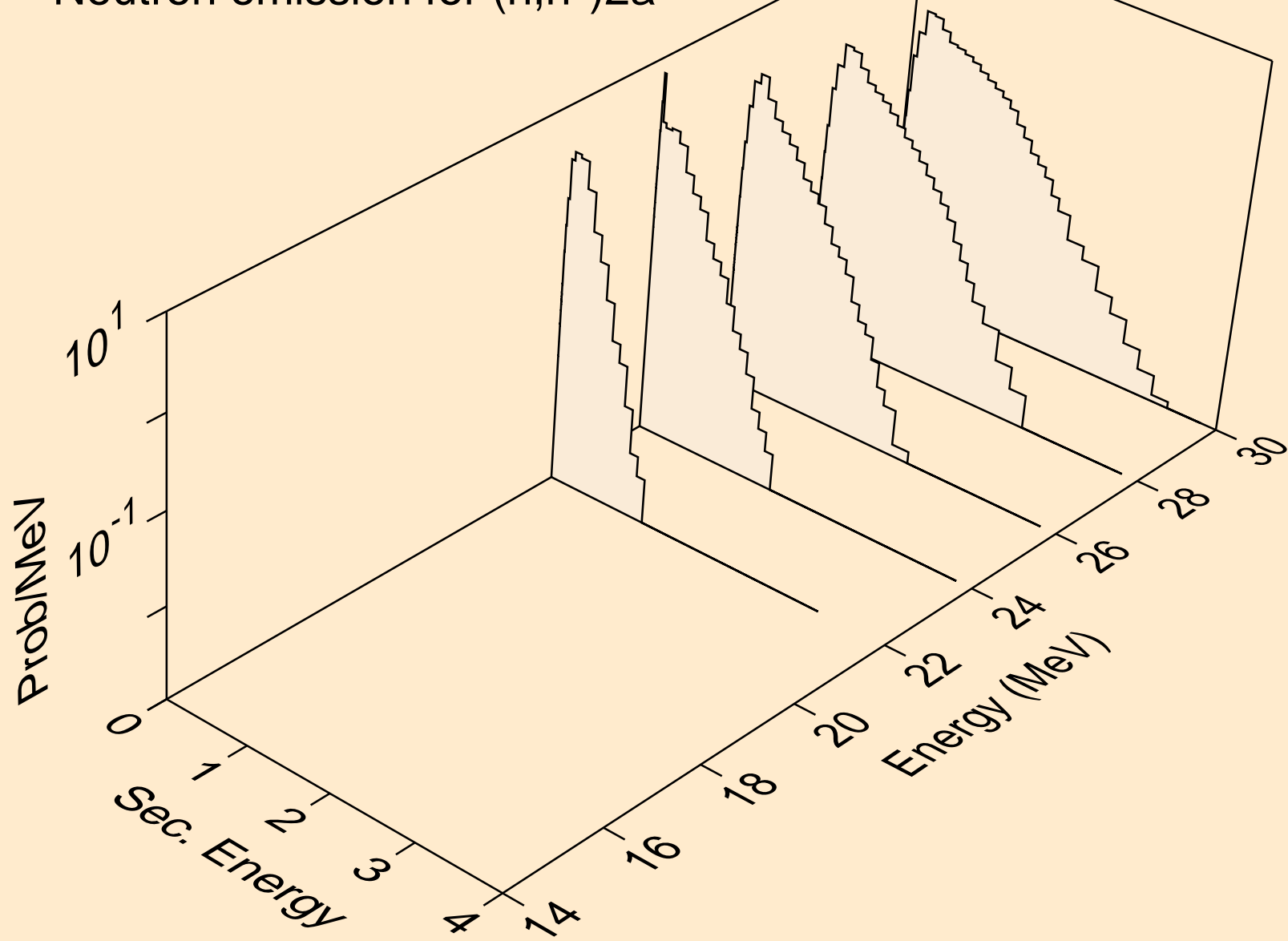
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

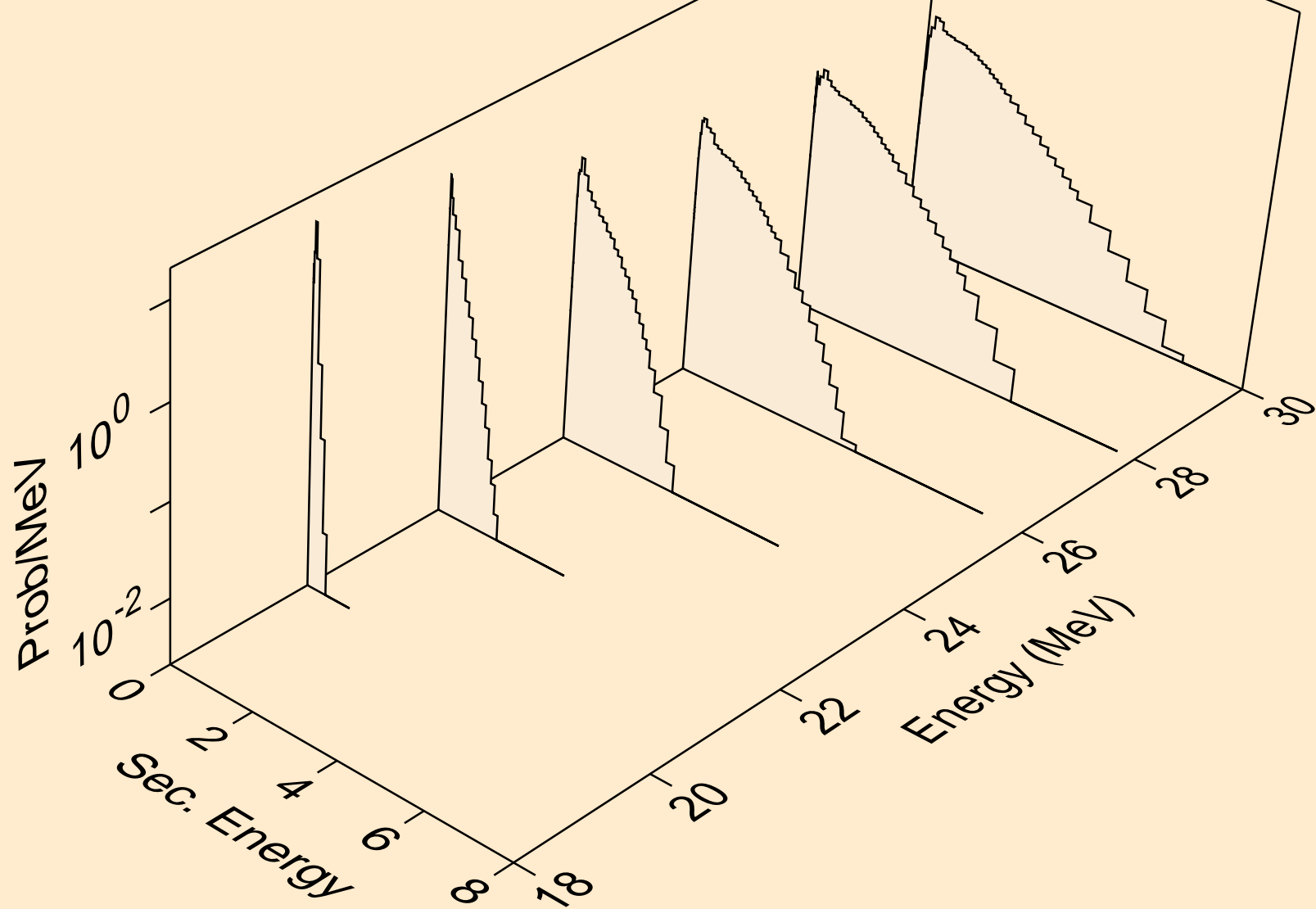


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

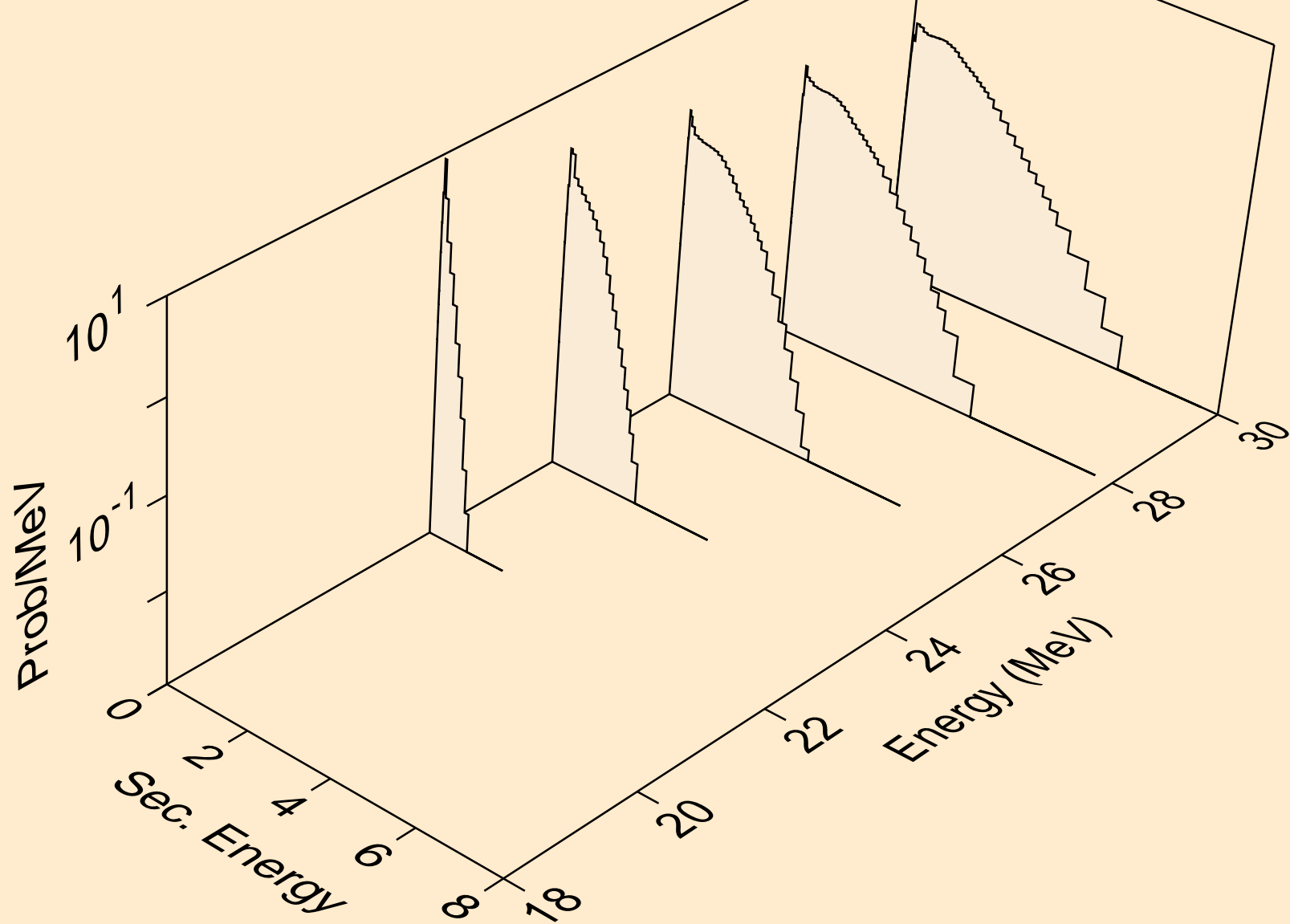




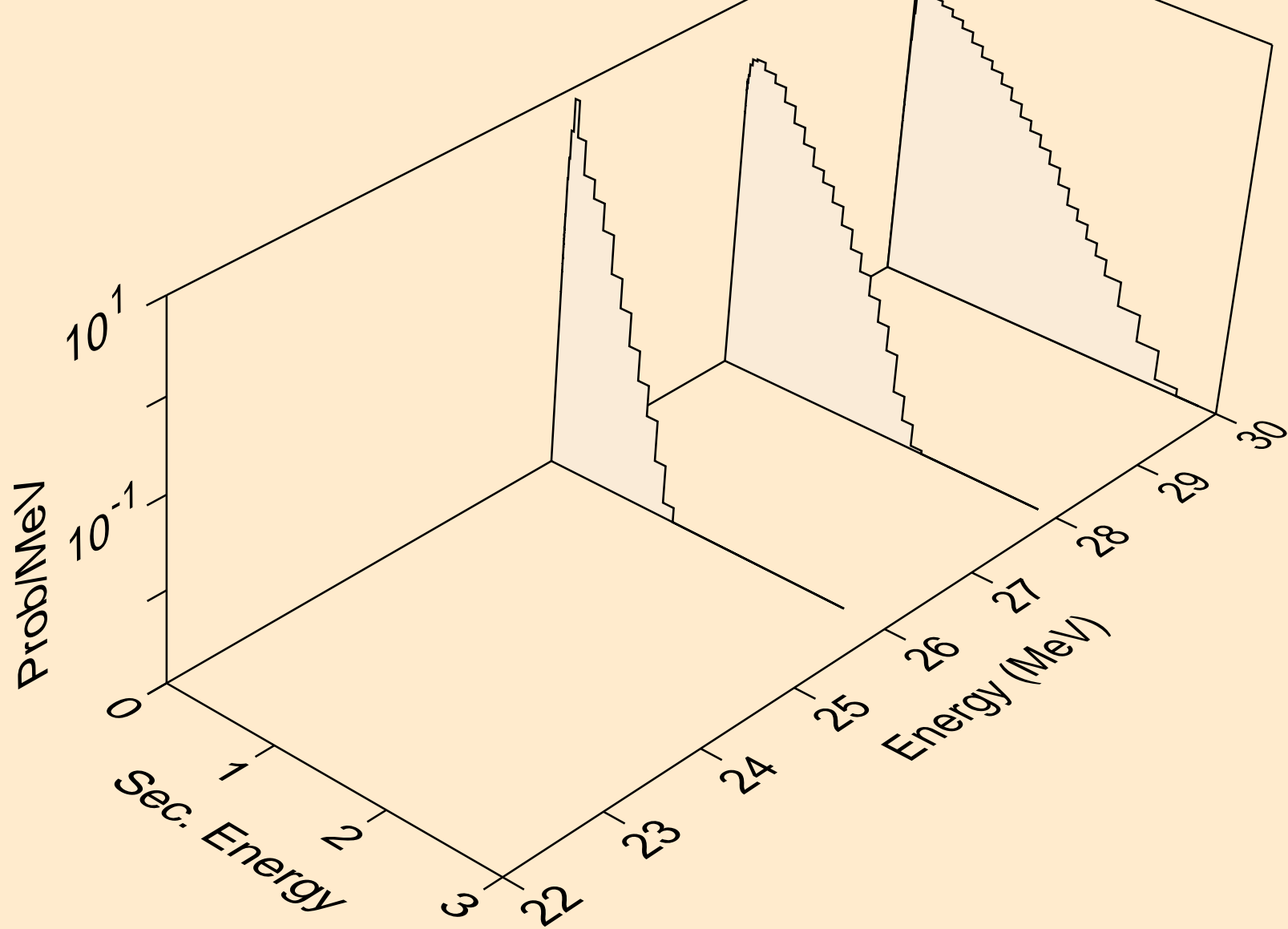
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Neutron emission for (n,n\*)d



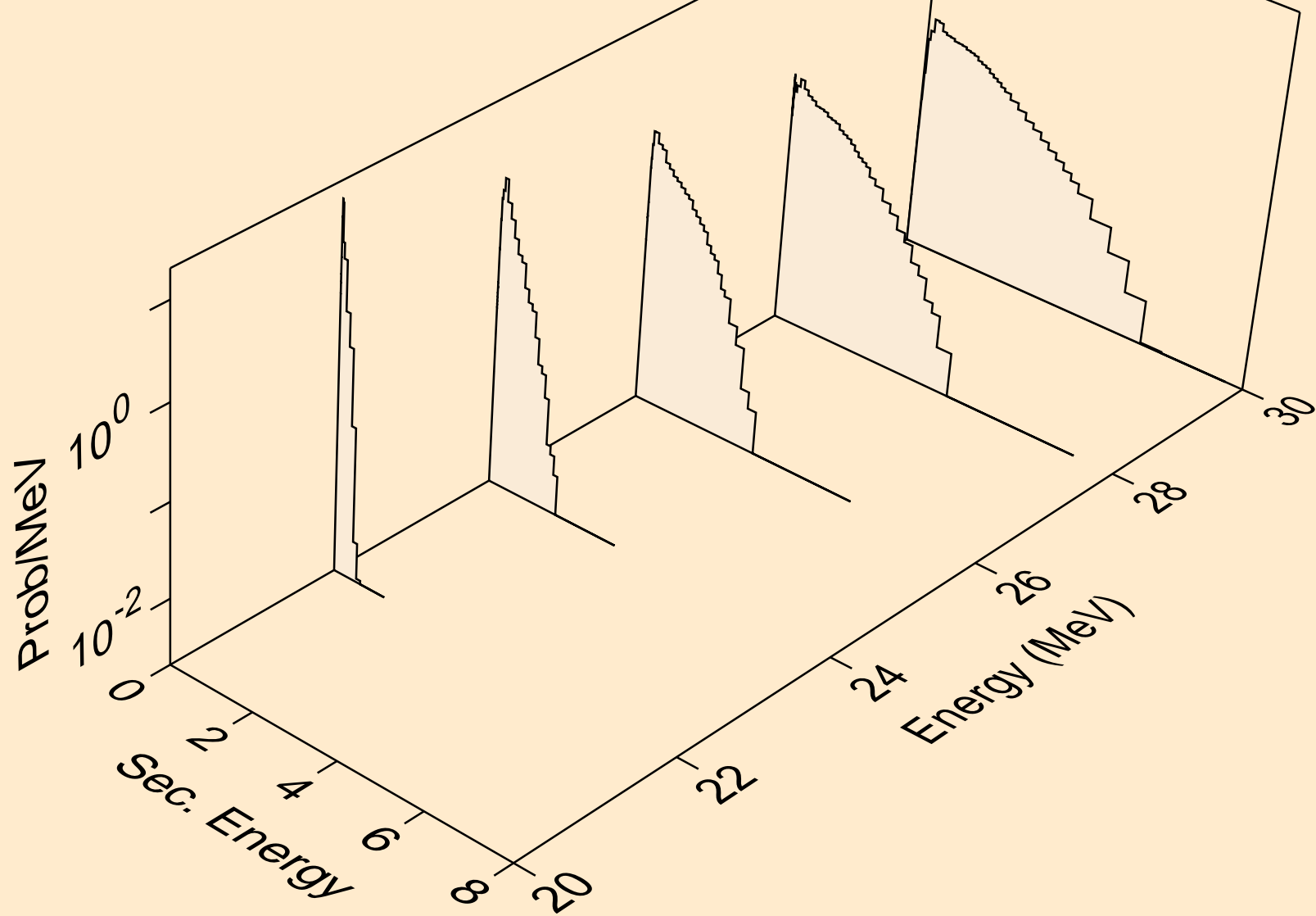
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



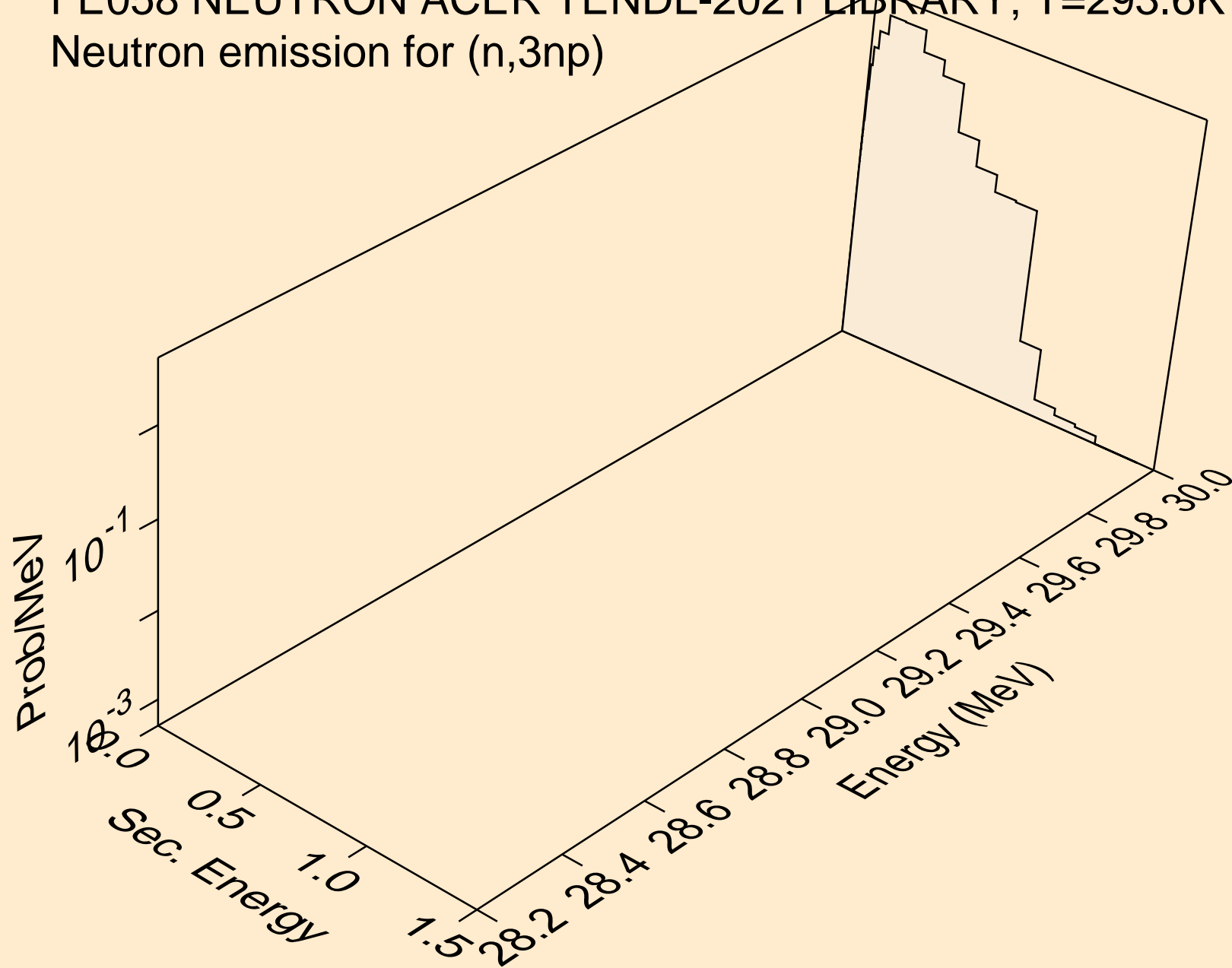
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Neutron emission for (n,n\*)he3



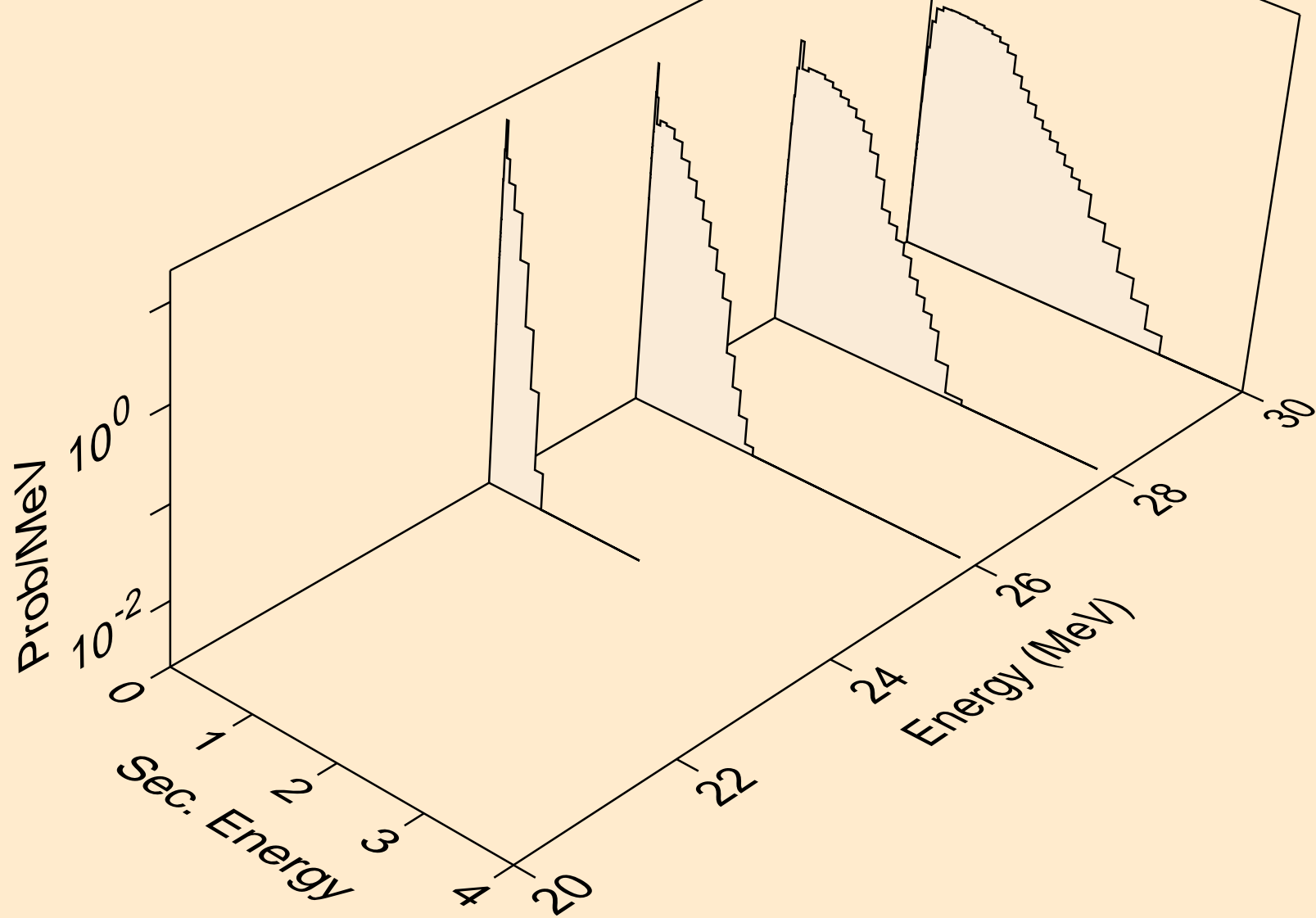
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



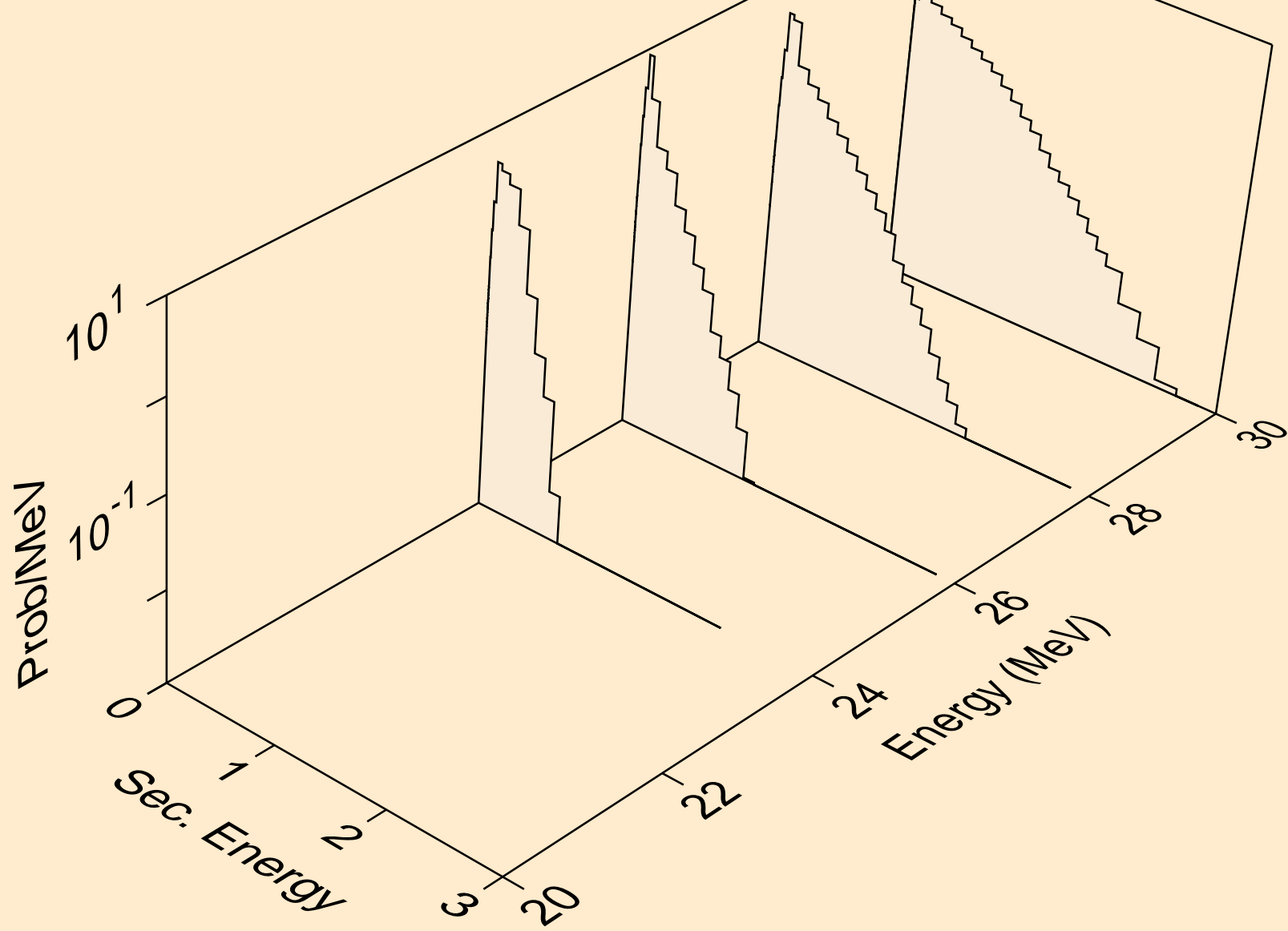
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Neutron emission for (n,3np)



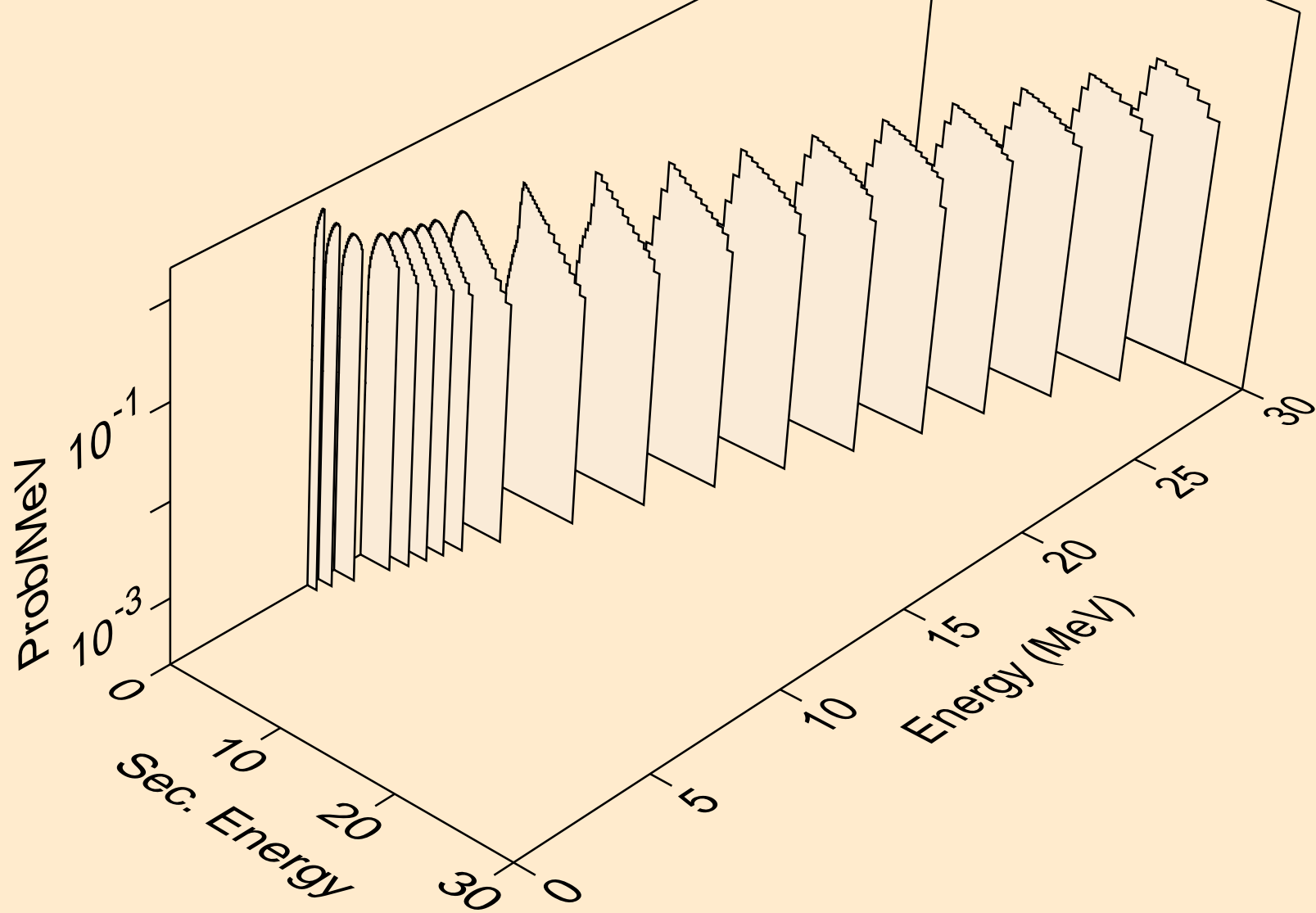
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Neutron emission for (n,2np)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

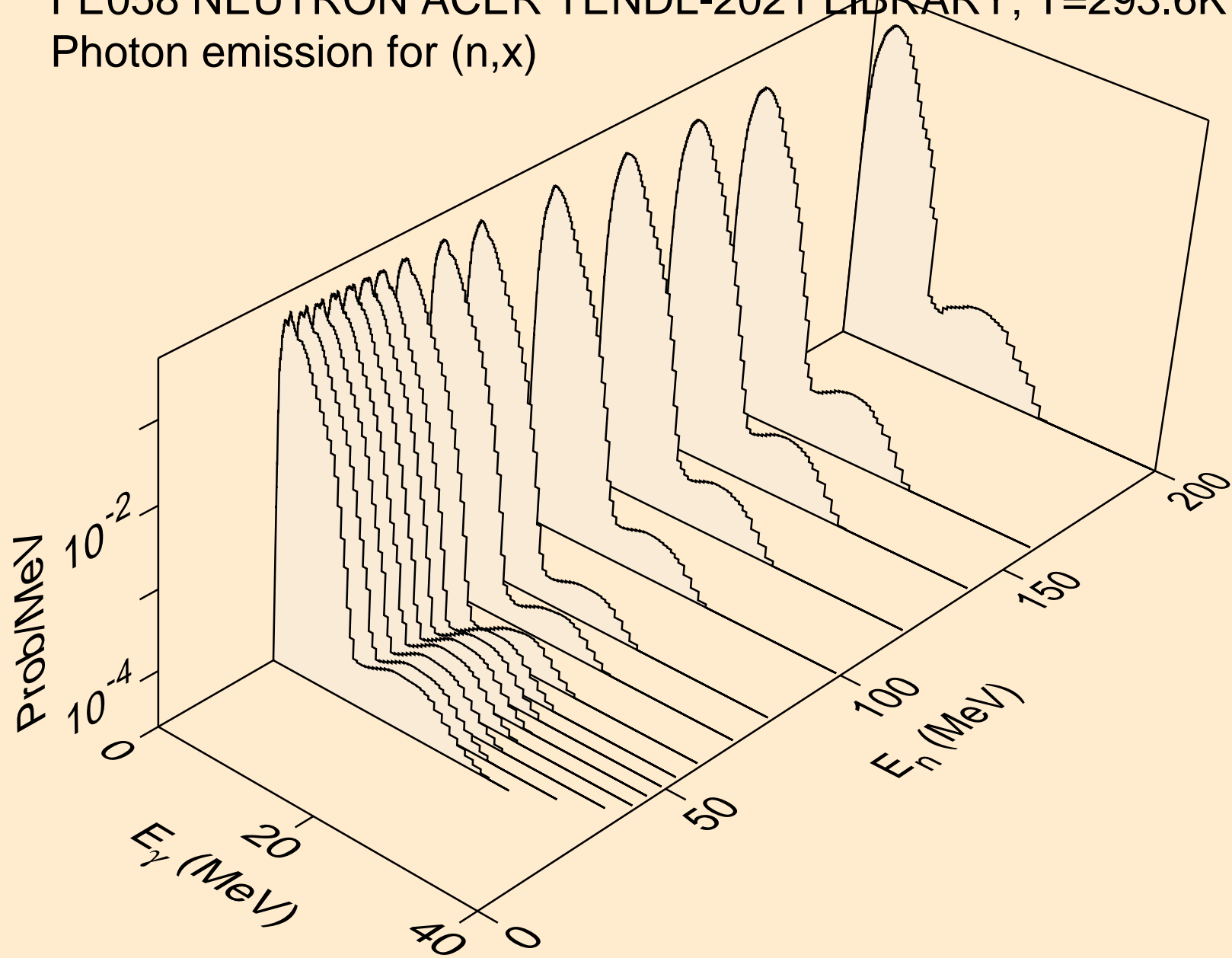


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Neutron emission for (n,n\*c)

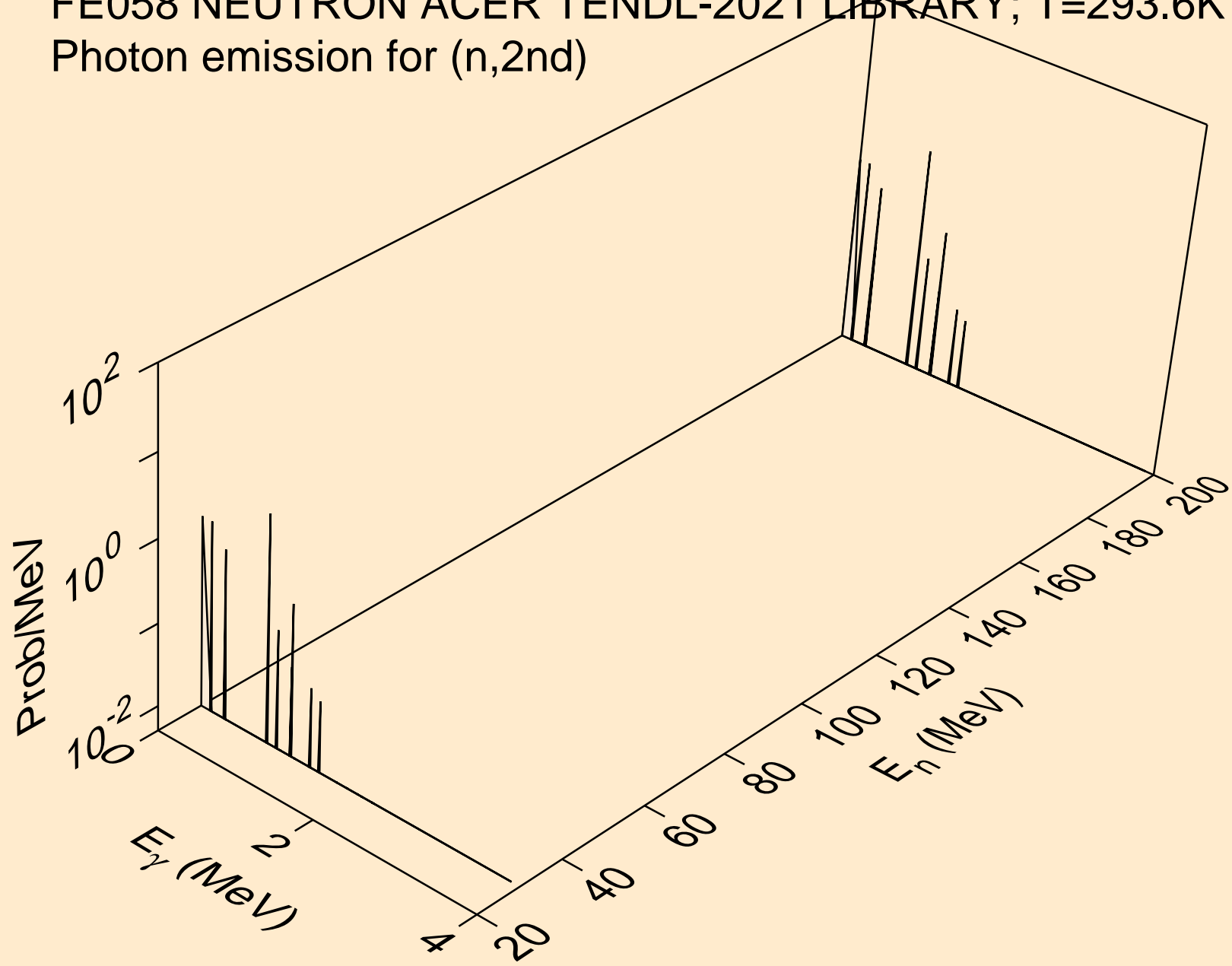




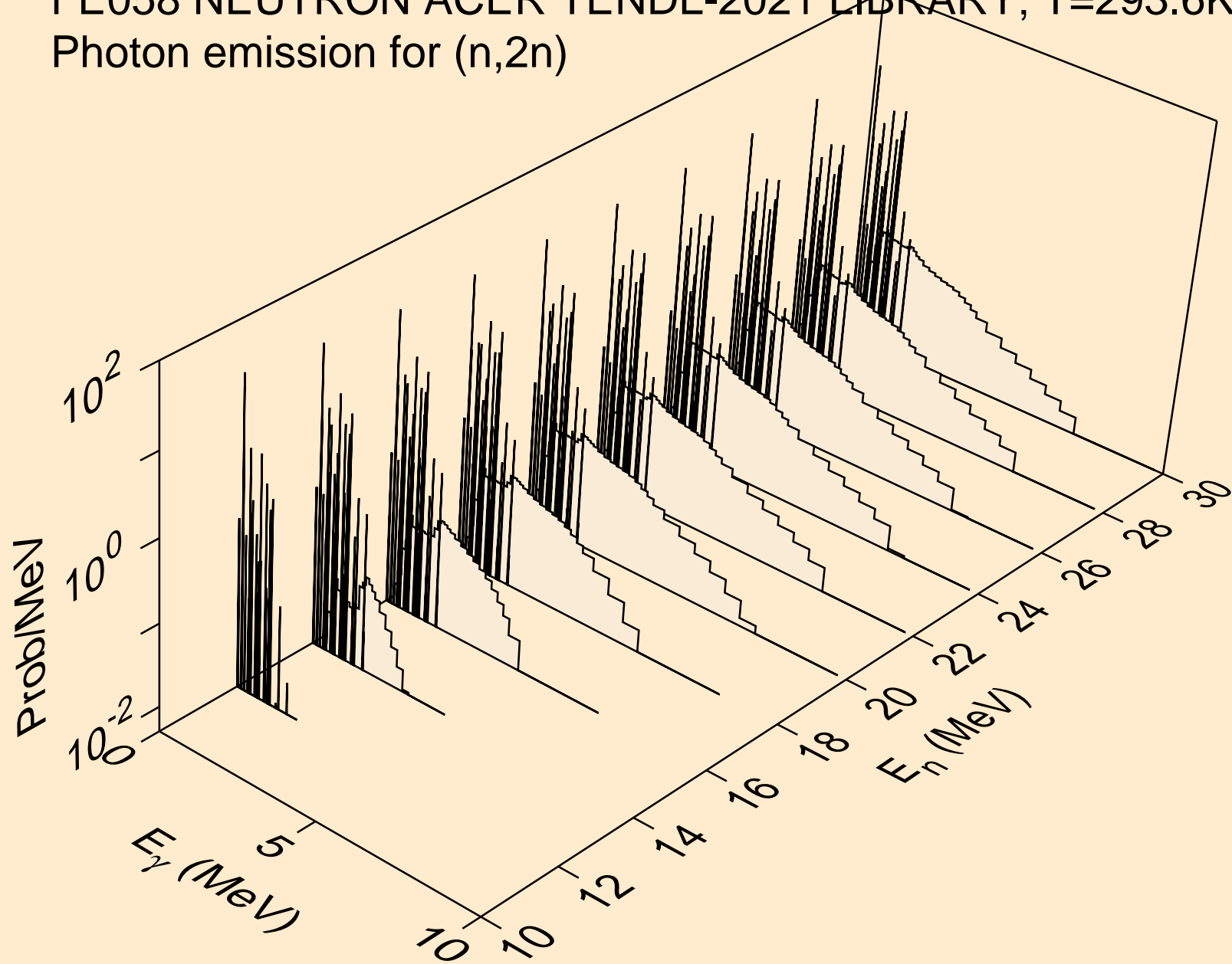
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Photon emission for (n,x)



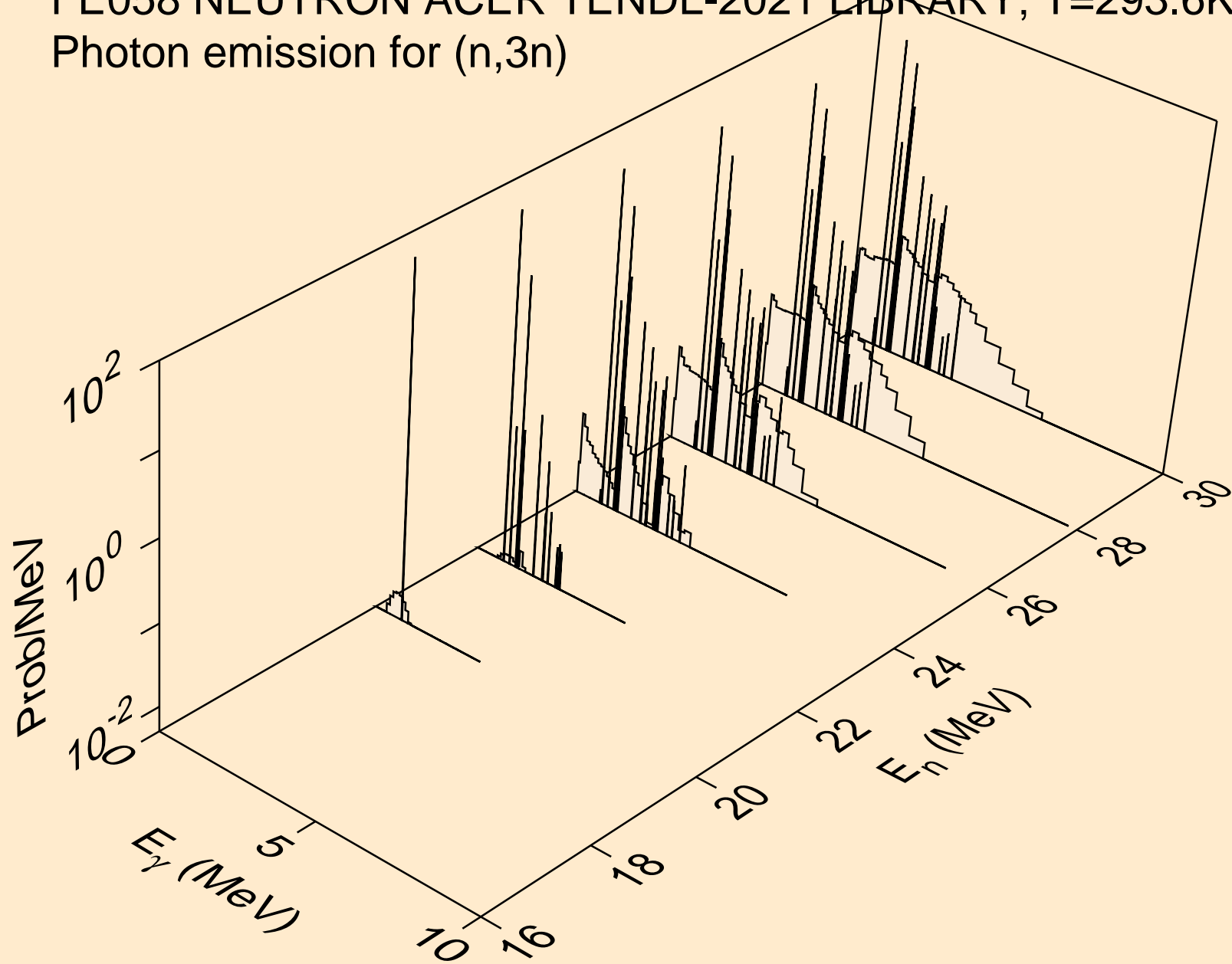
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Photon emission for (n,2nd)



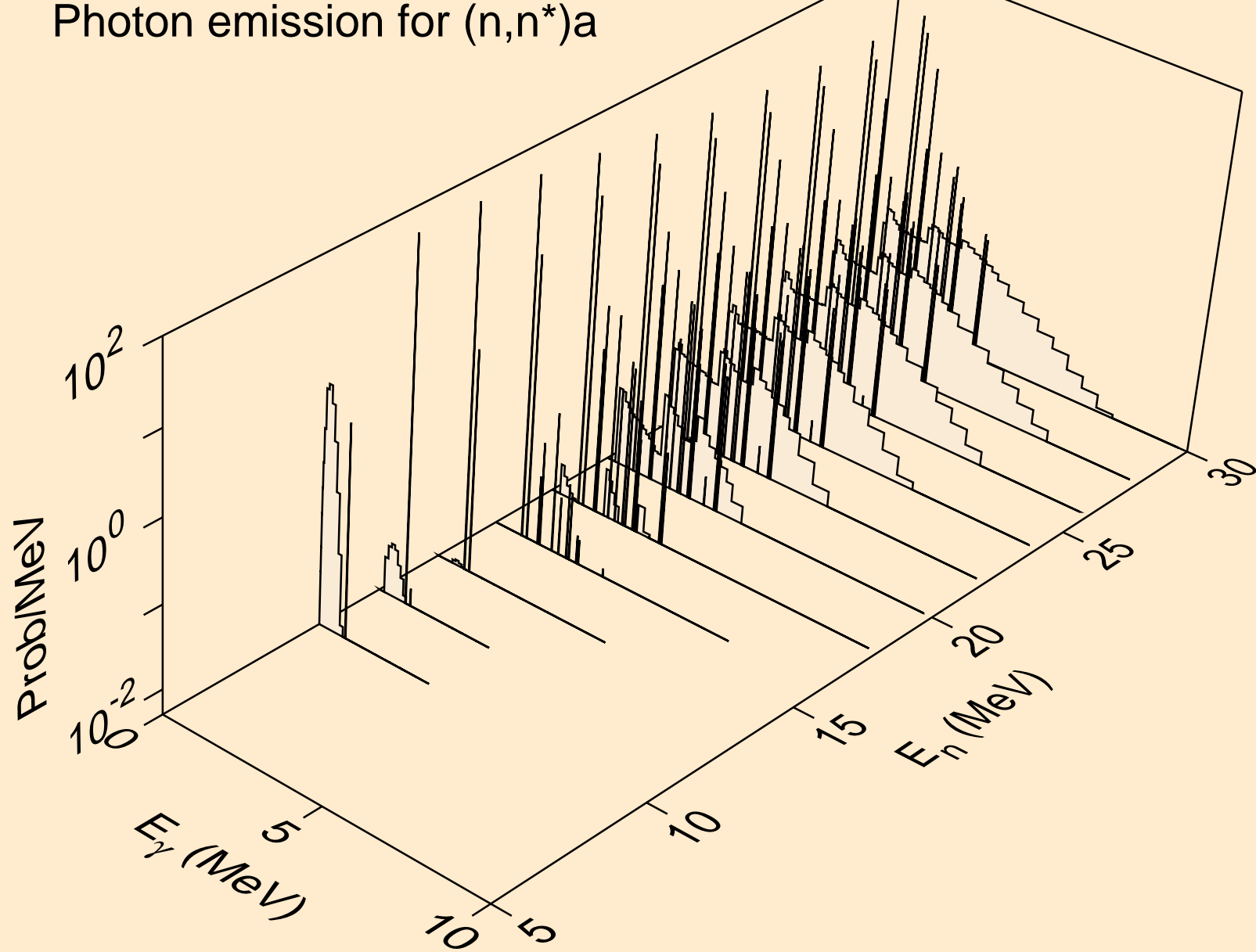
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Photon emission for (n,2n)



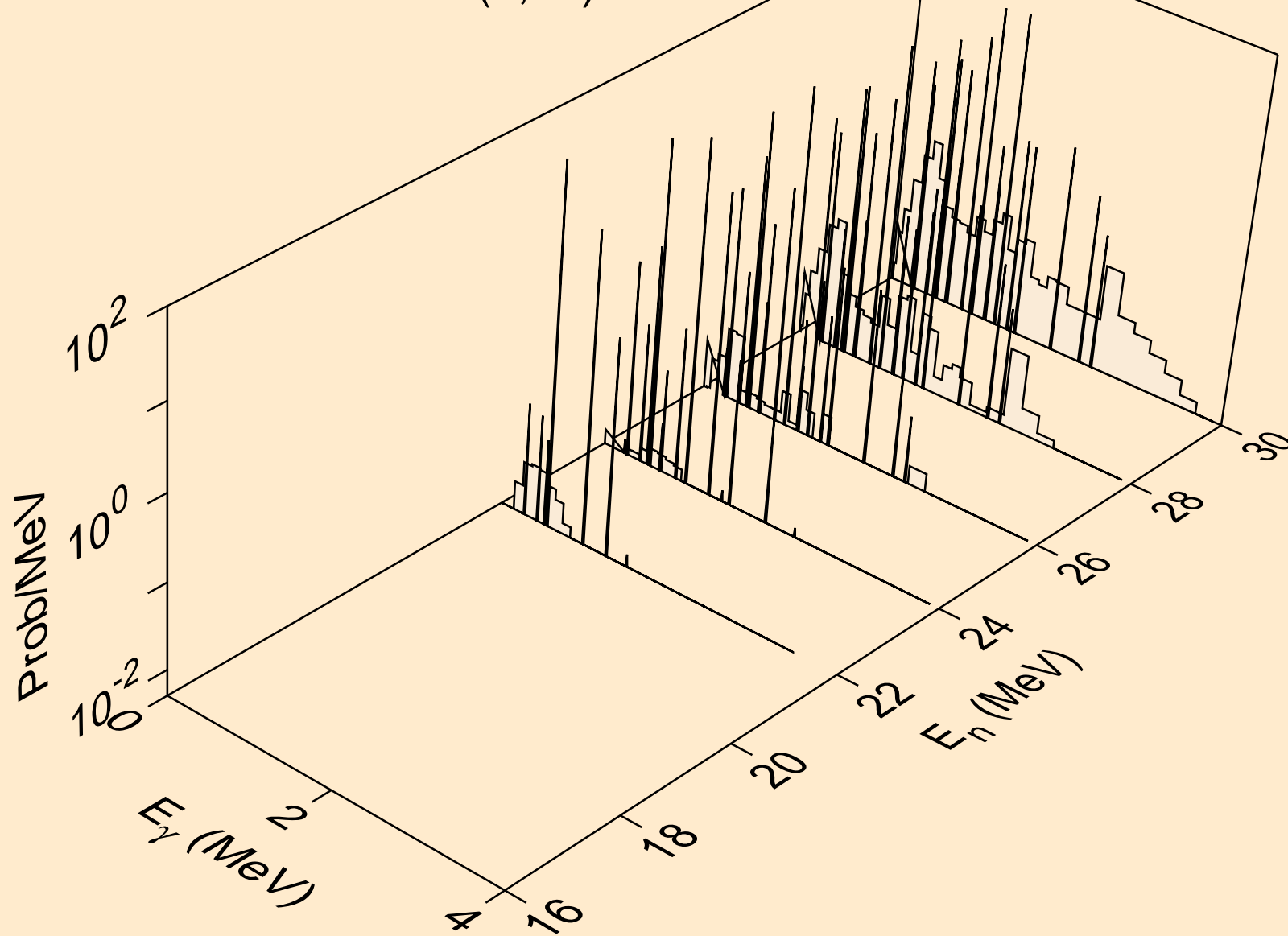
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Photon emission for (n,3n)



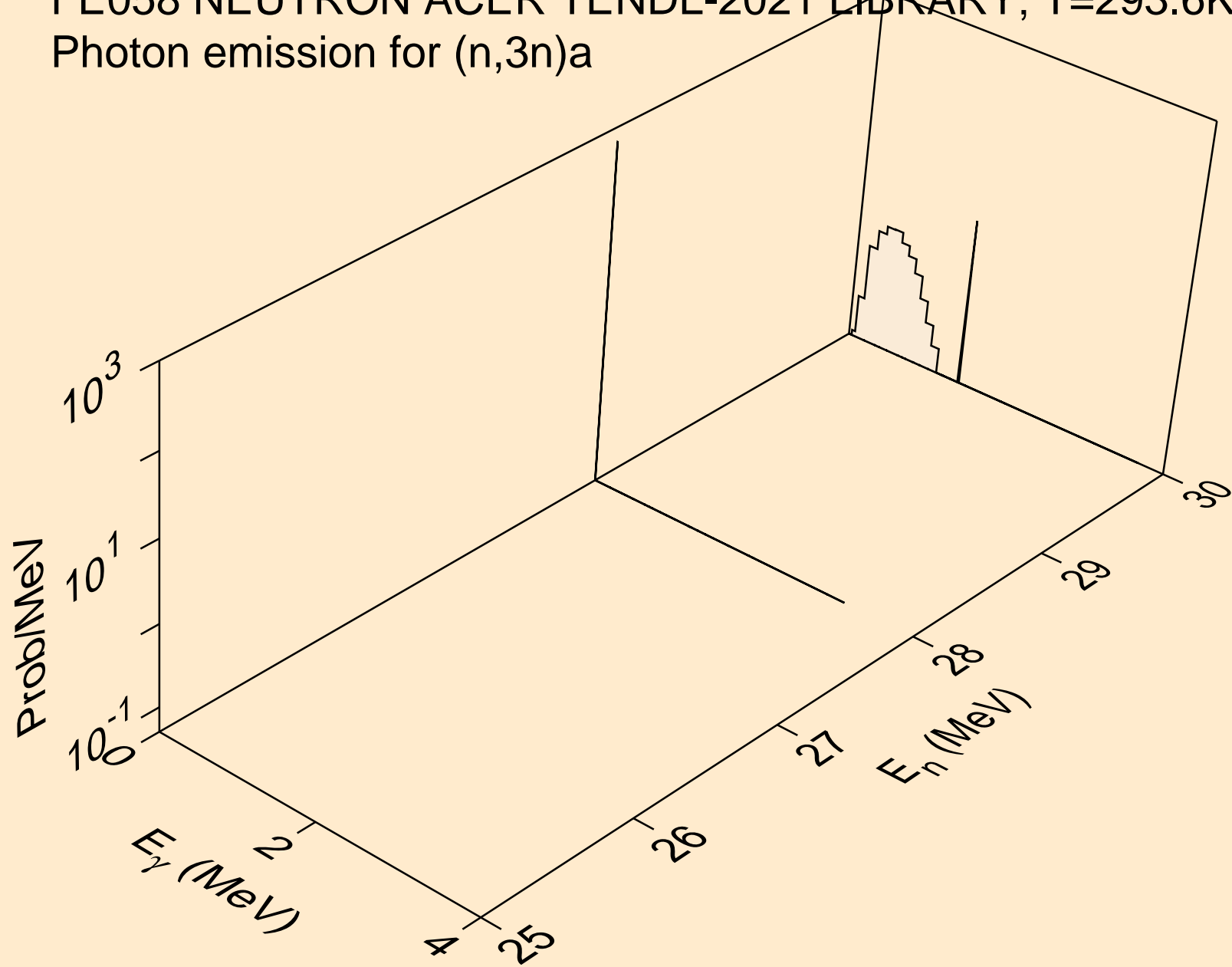
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Photon emission for (n,n\*)a



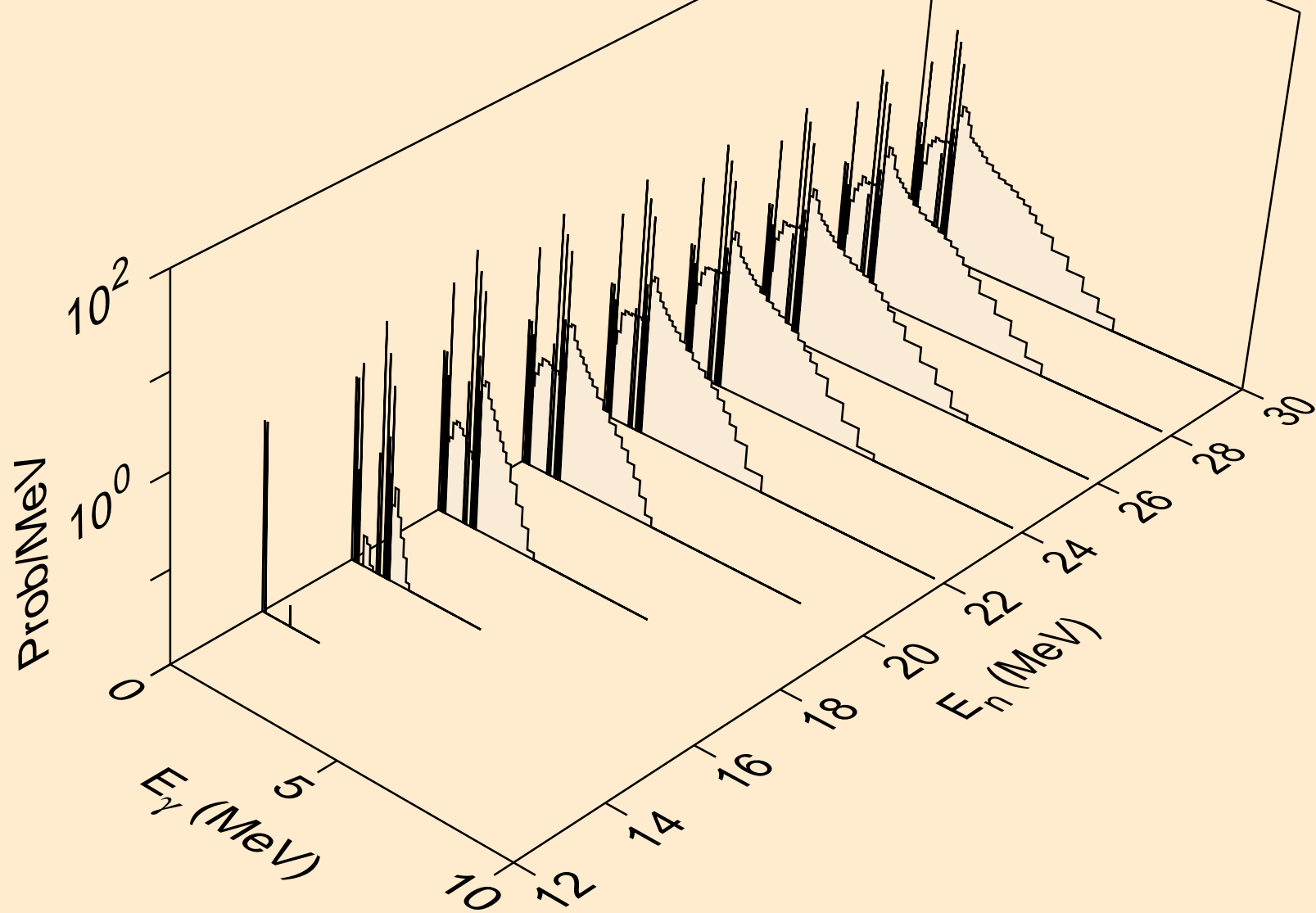
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Photon emission for (n,2n)a



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

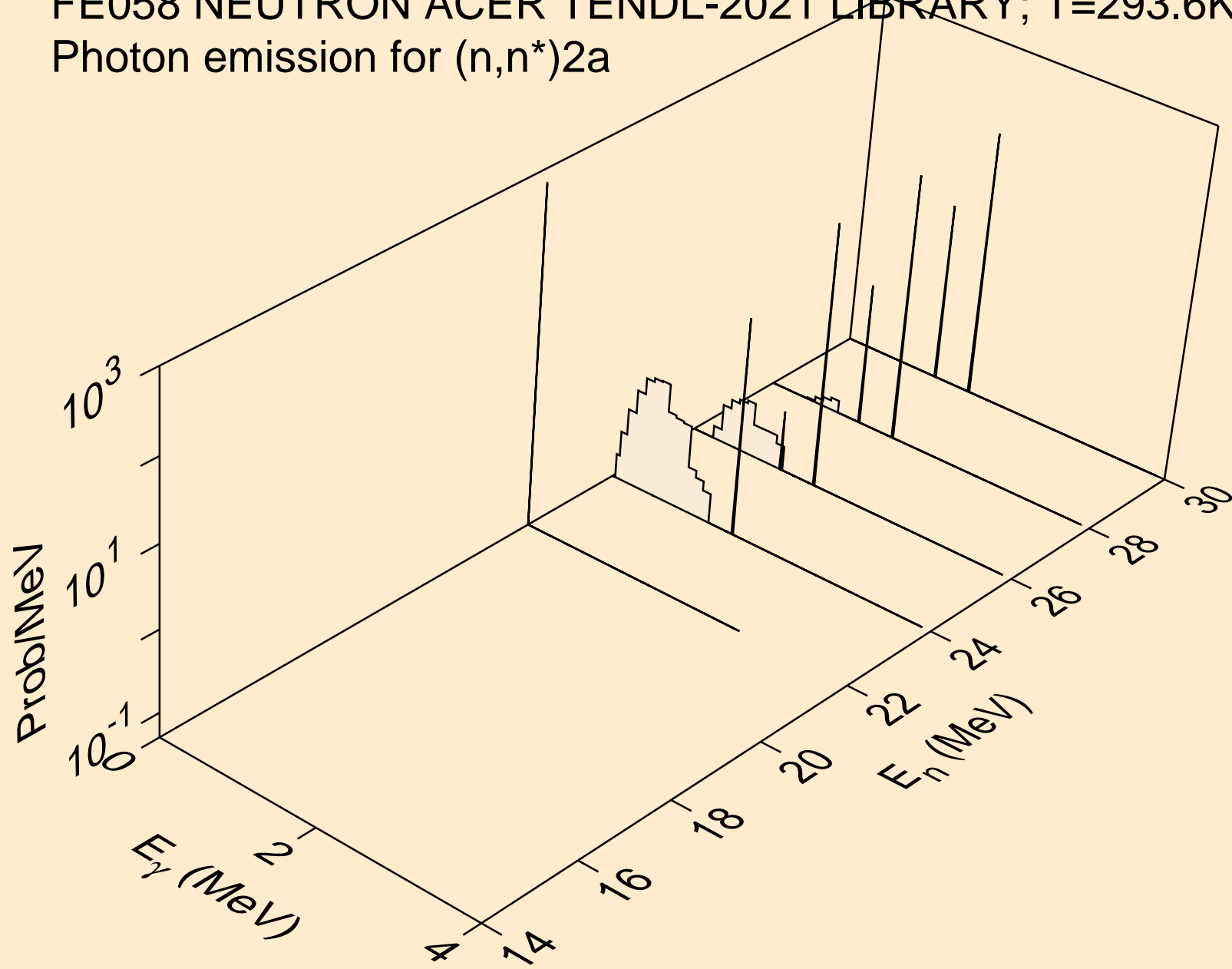


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Photon emission for (n,n\*)p

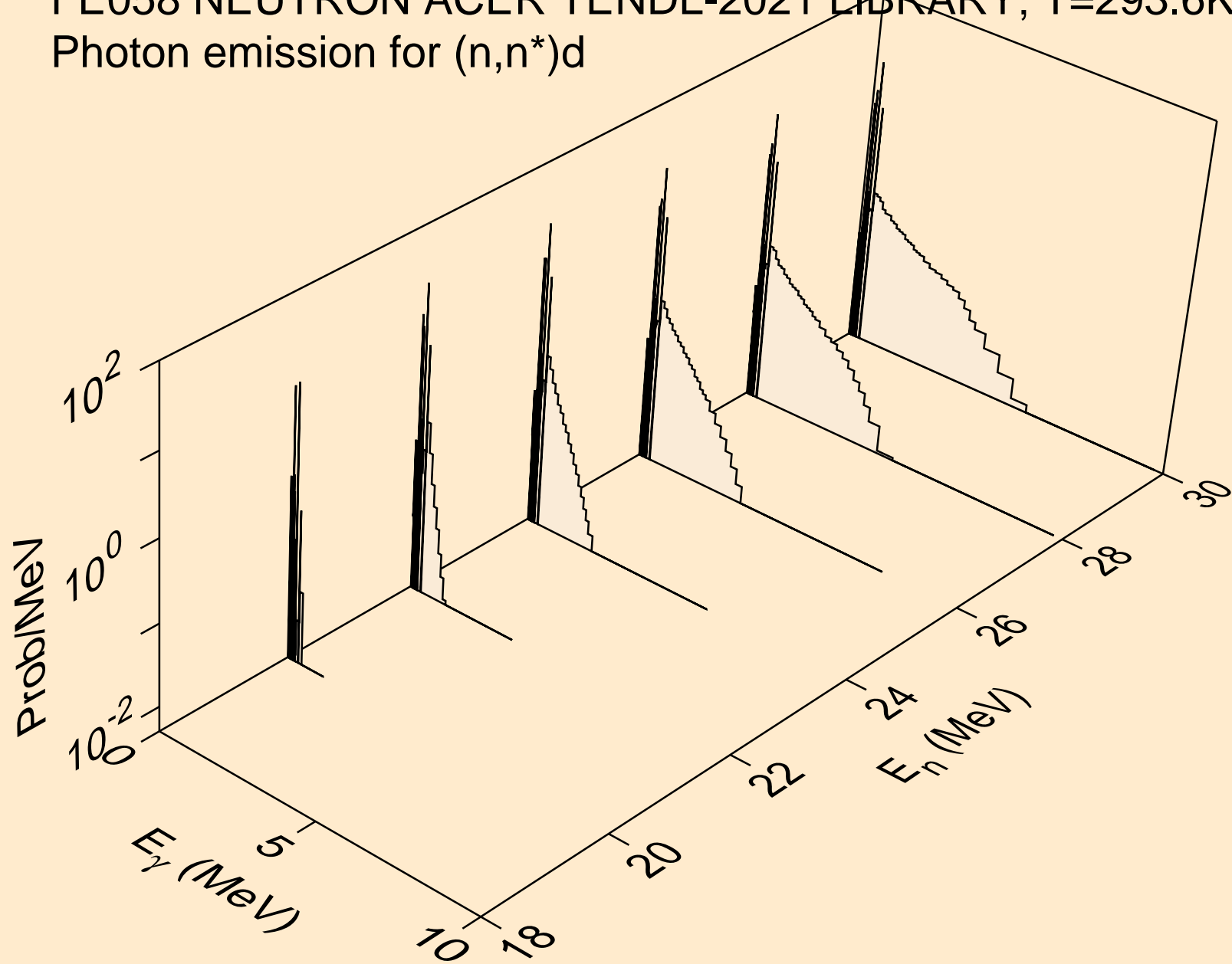




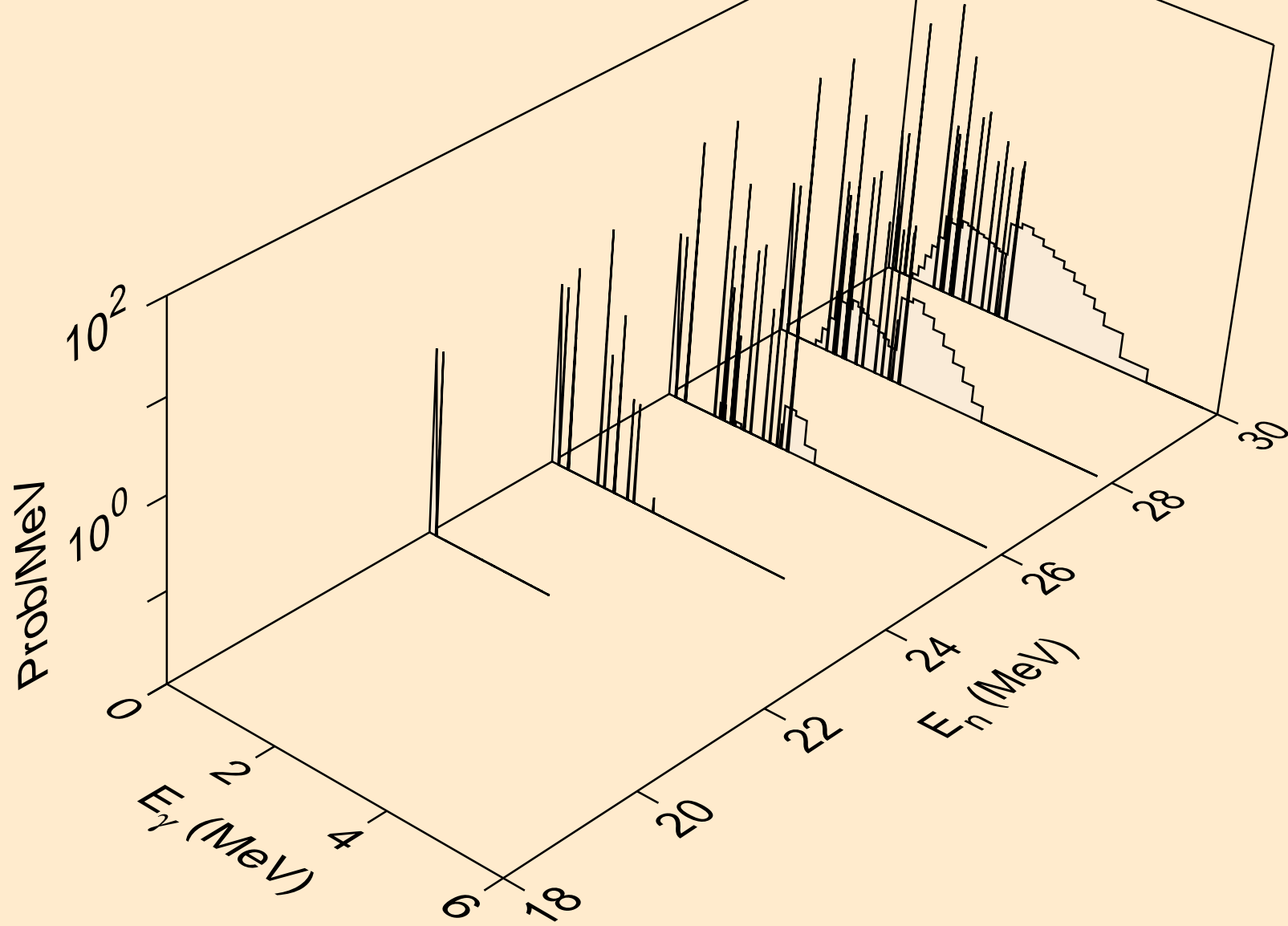
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Photon emission for (n,n\*)2a



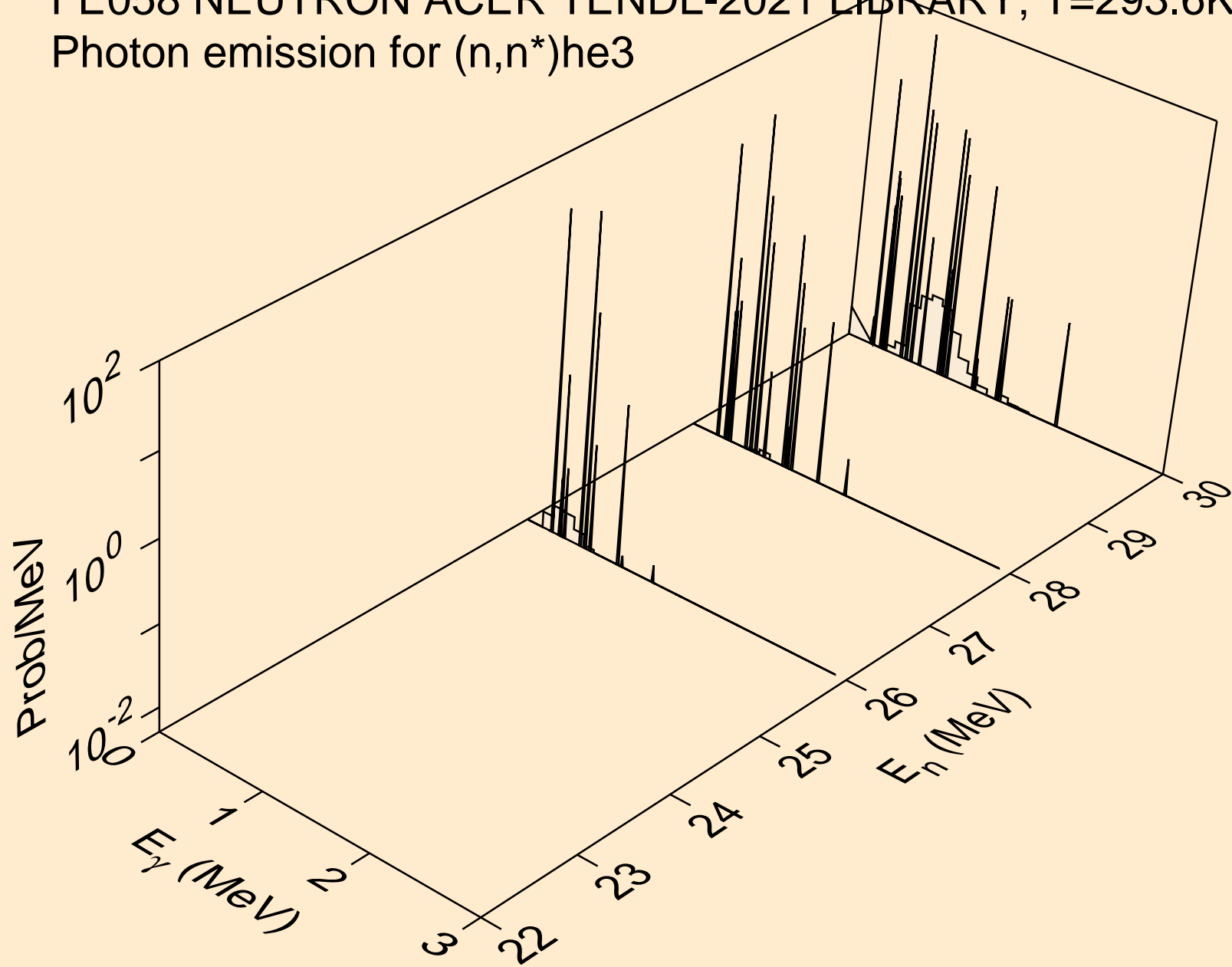
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Photon emission for (n,n\*)d



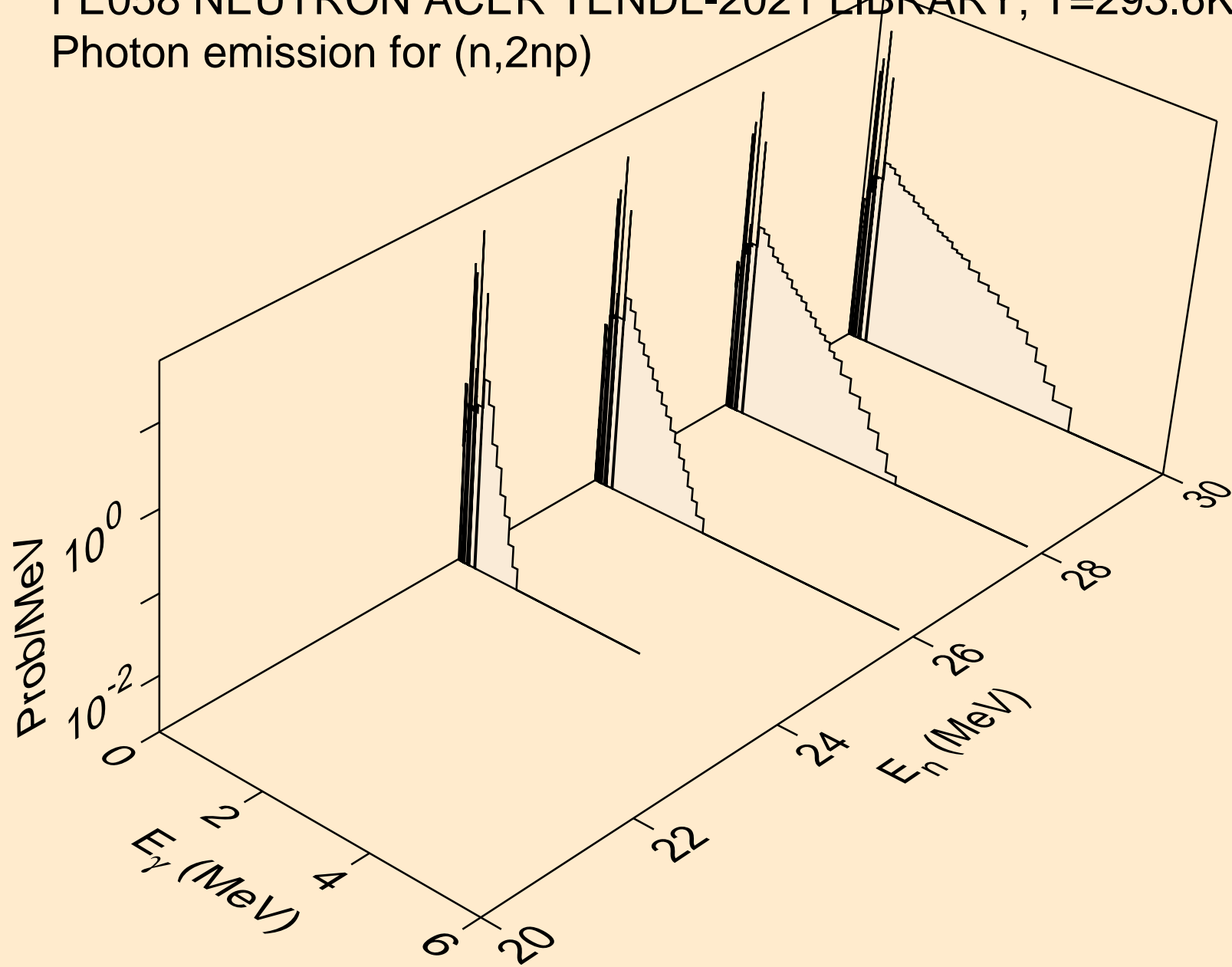
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Photon emission for (n,n\*)t



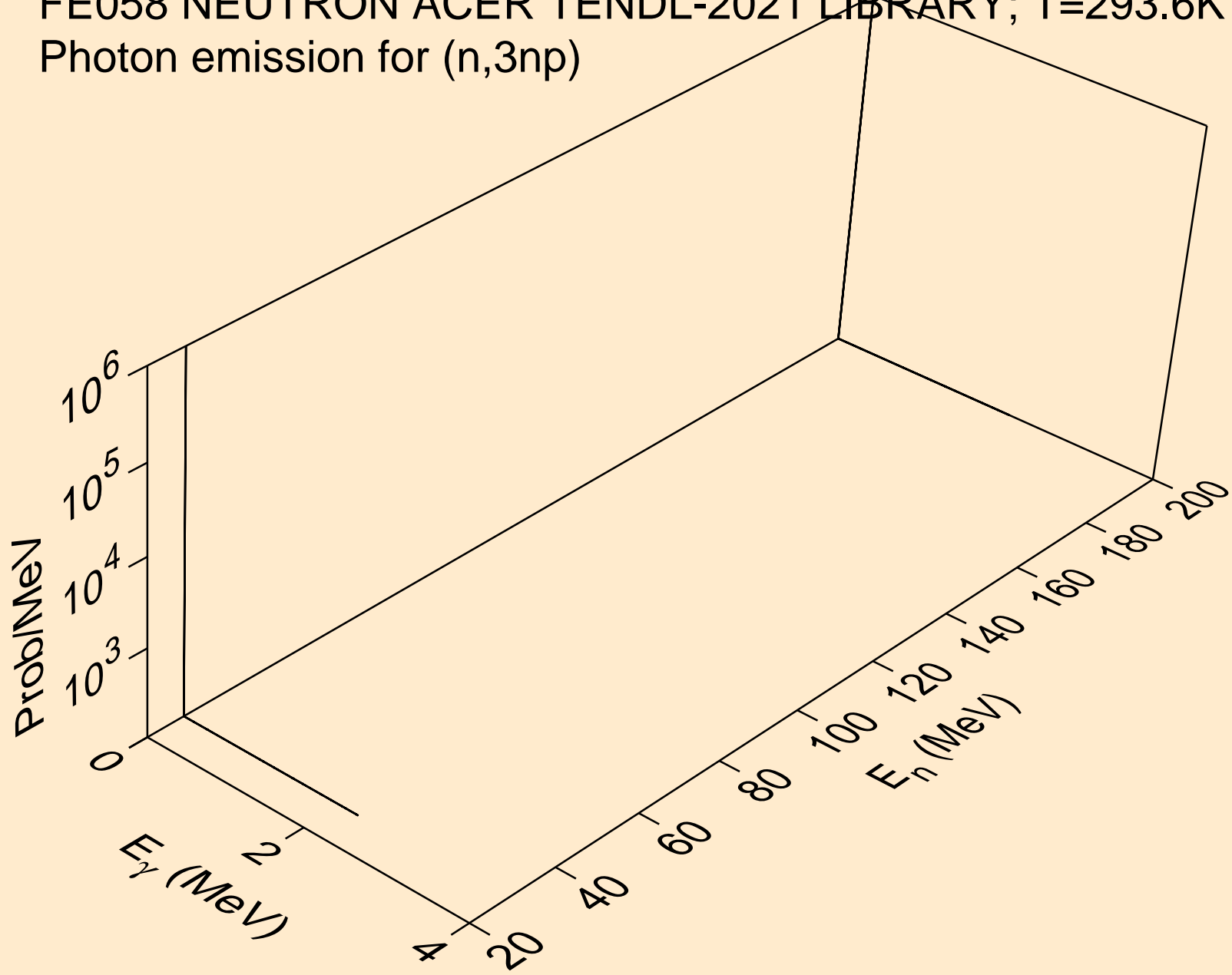
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Photon emission for (n,n\*)he3



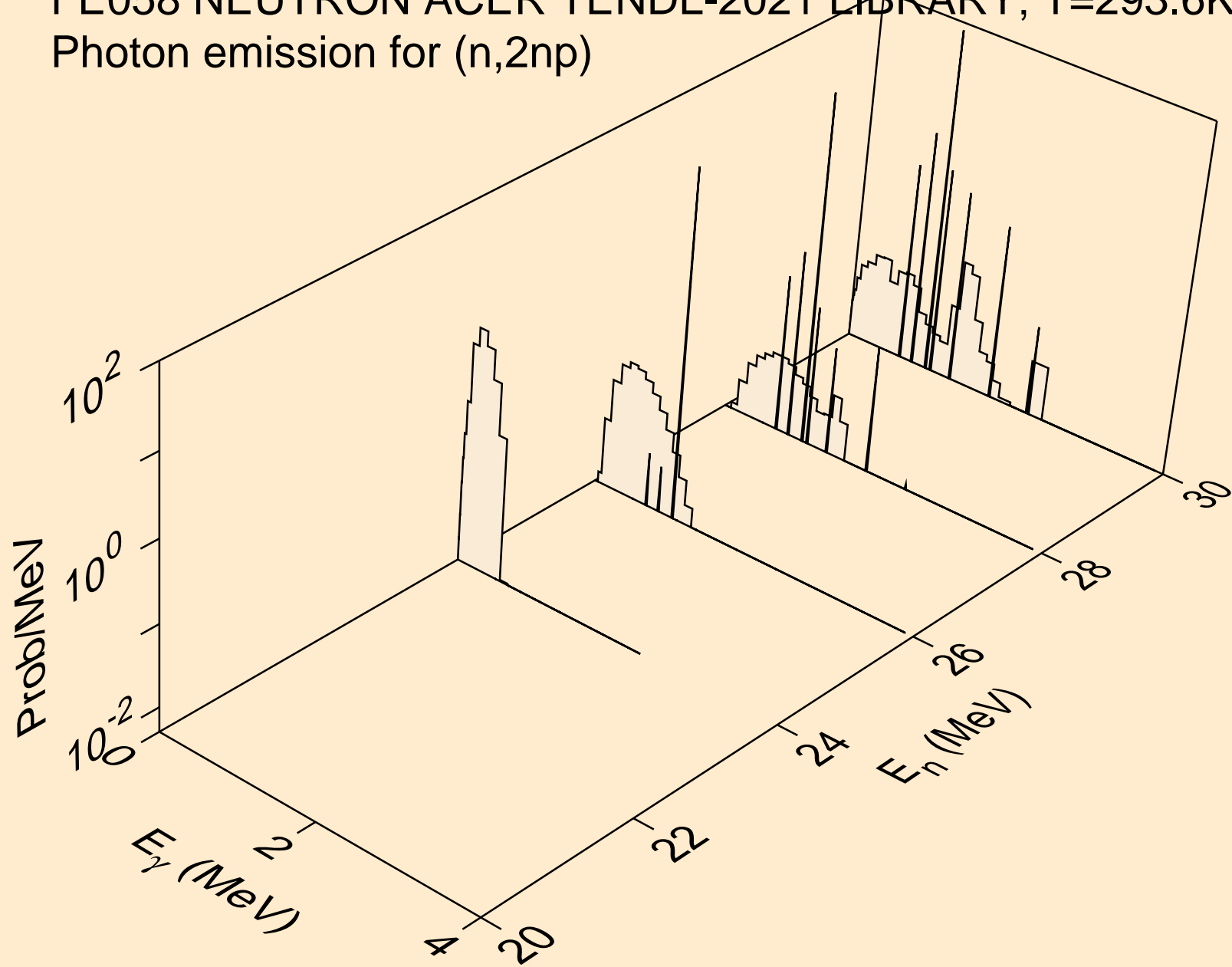
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Photon emission for (n,2np)



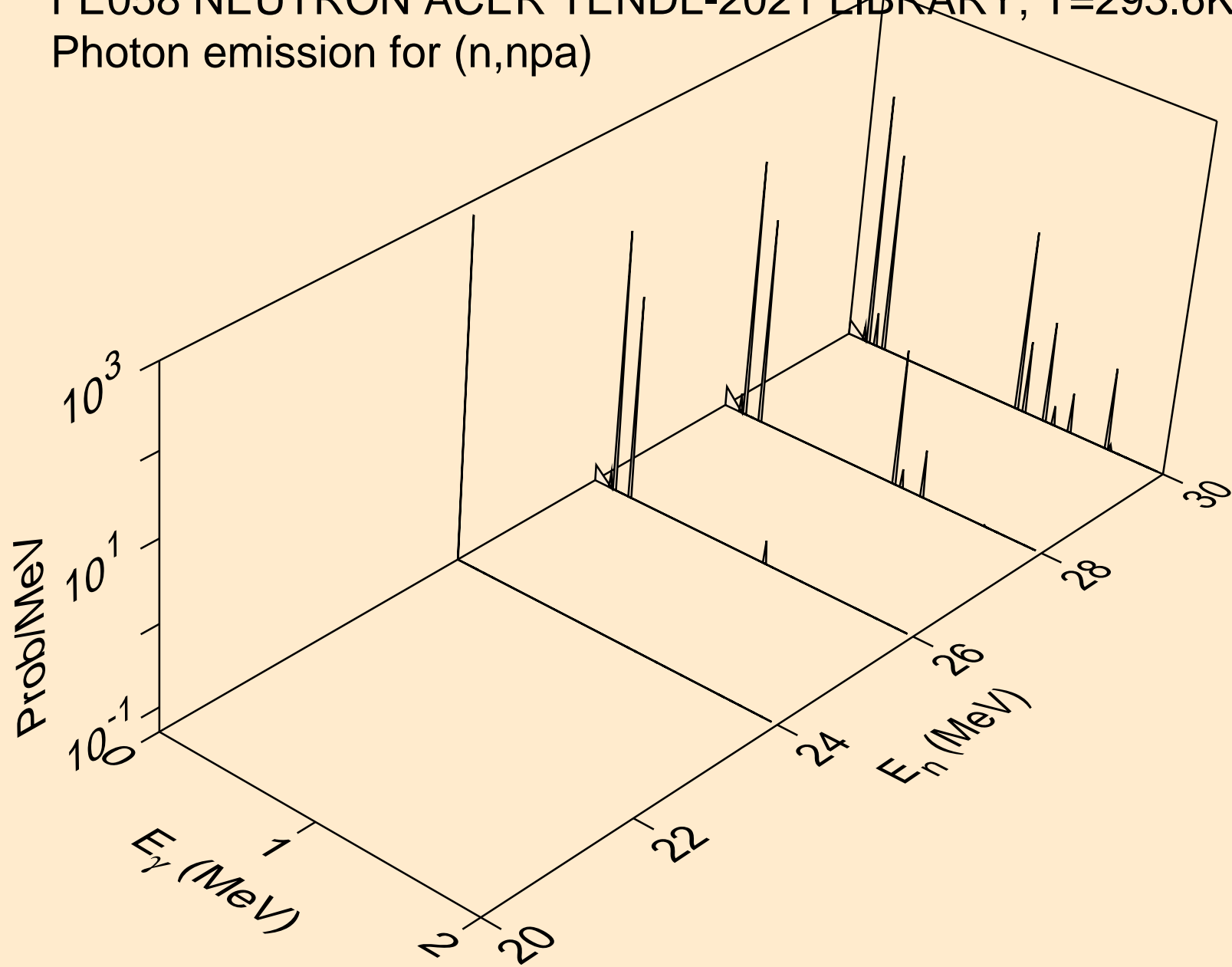
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Photon emission for (n,3np)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

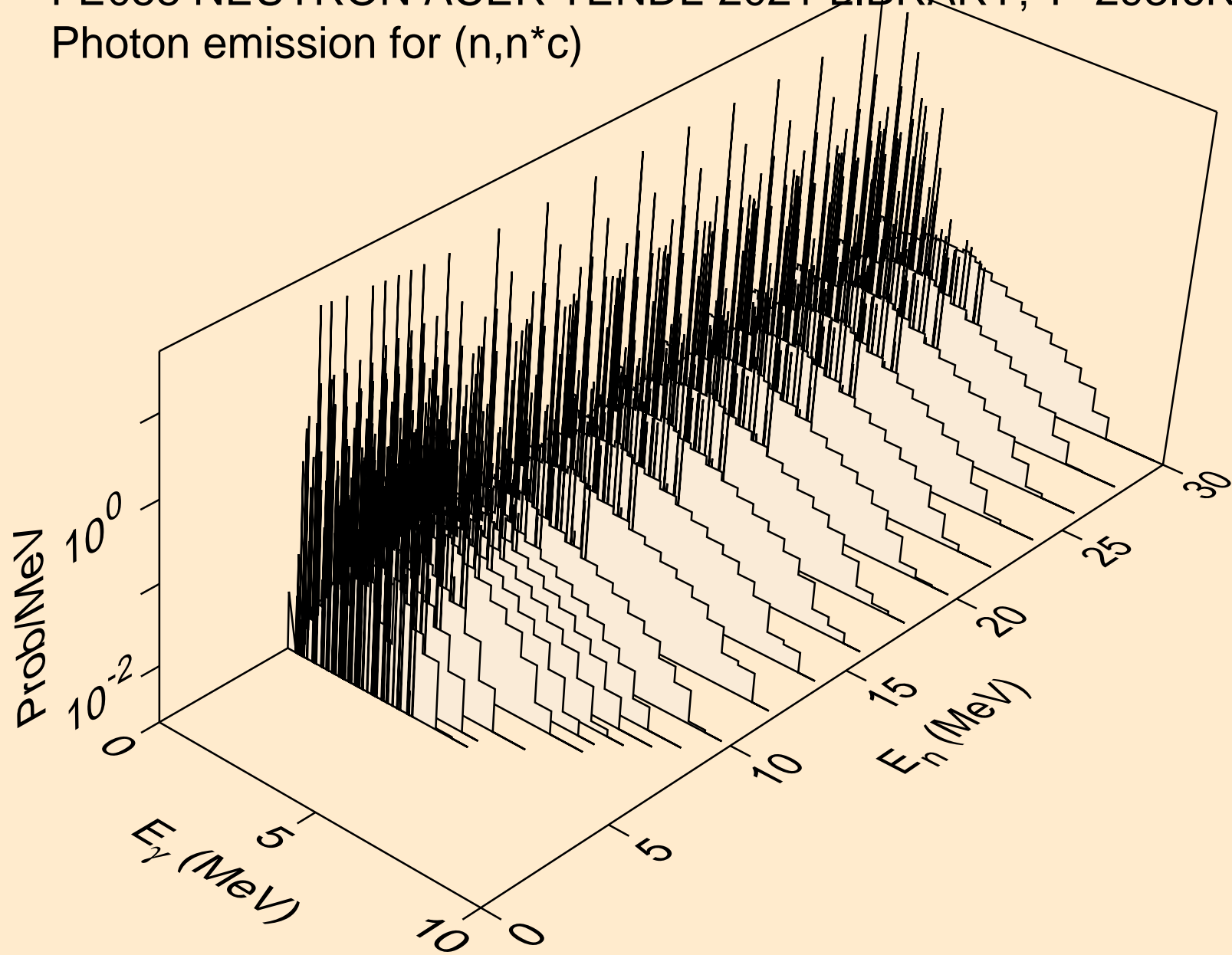


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Photon emission for (n,npa)

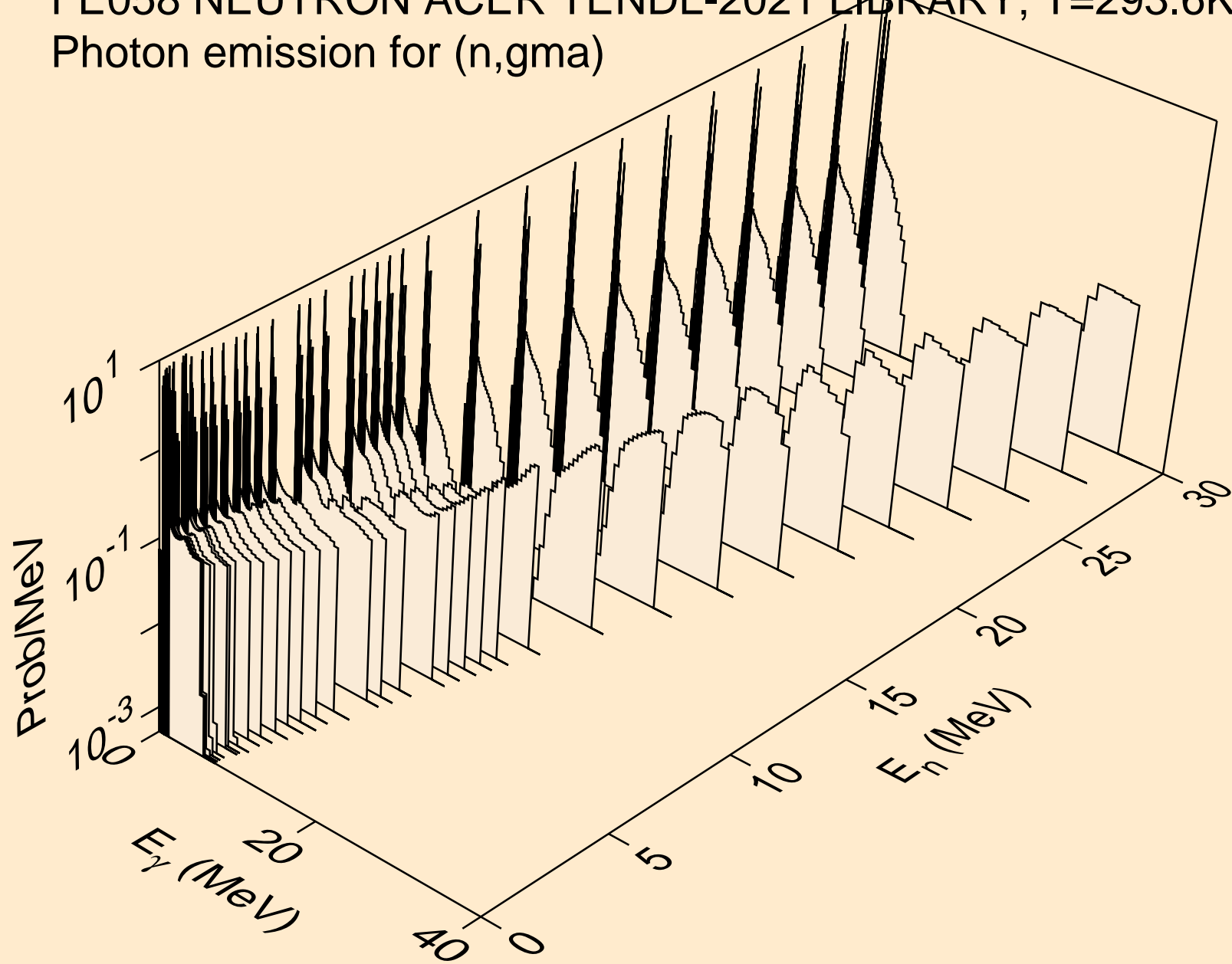




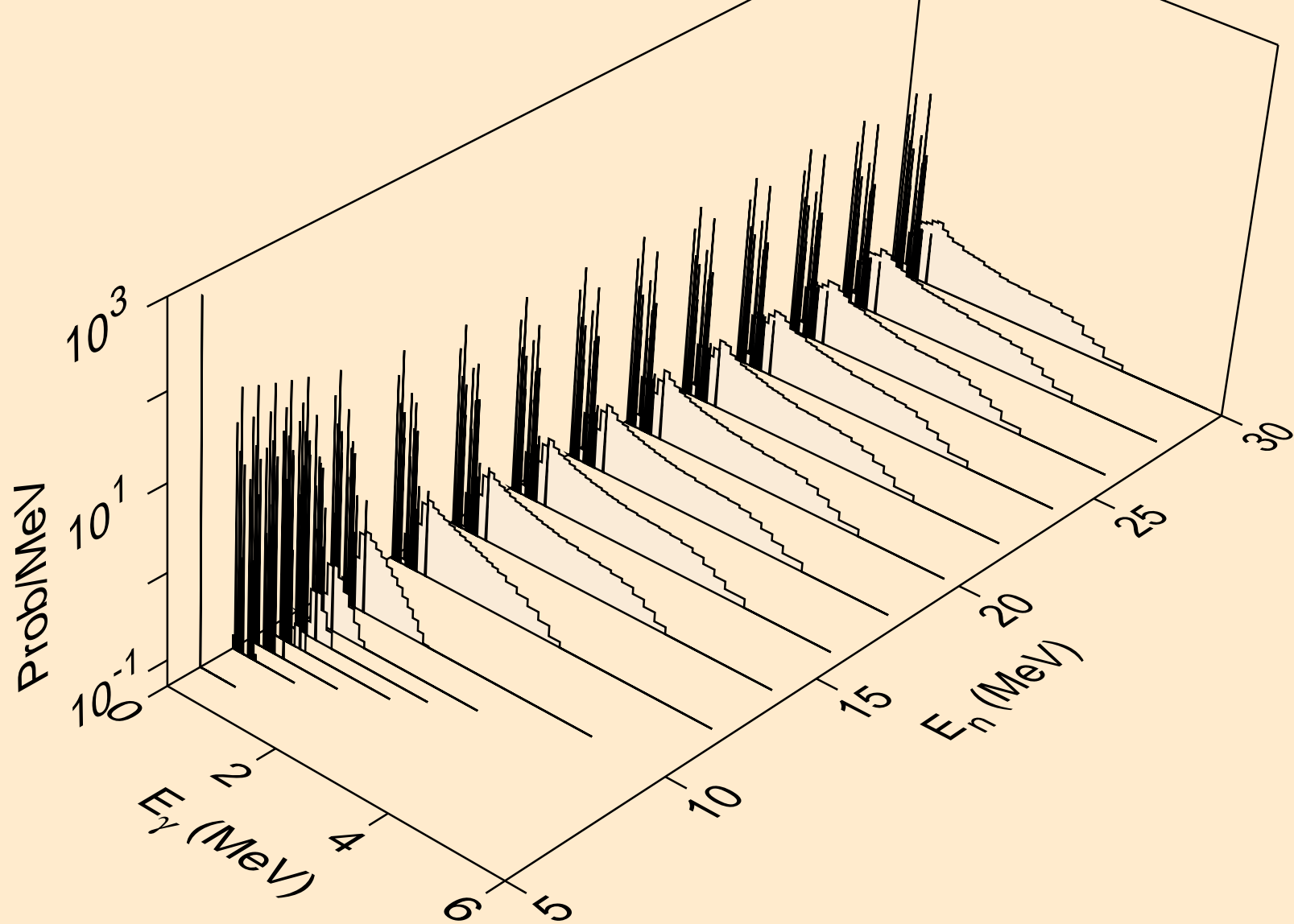
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Photon emission for (n,n\*c)



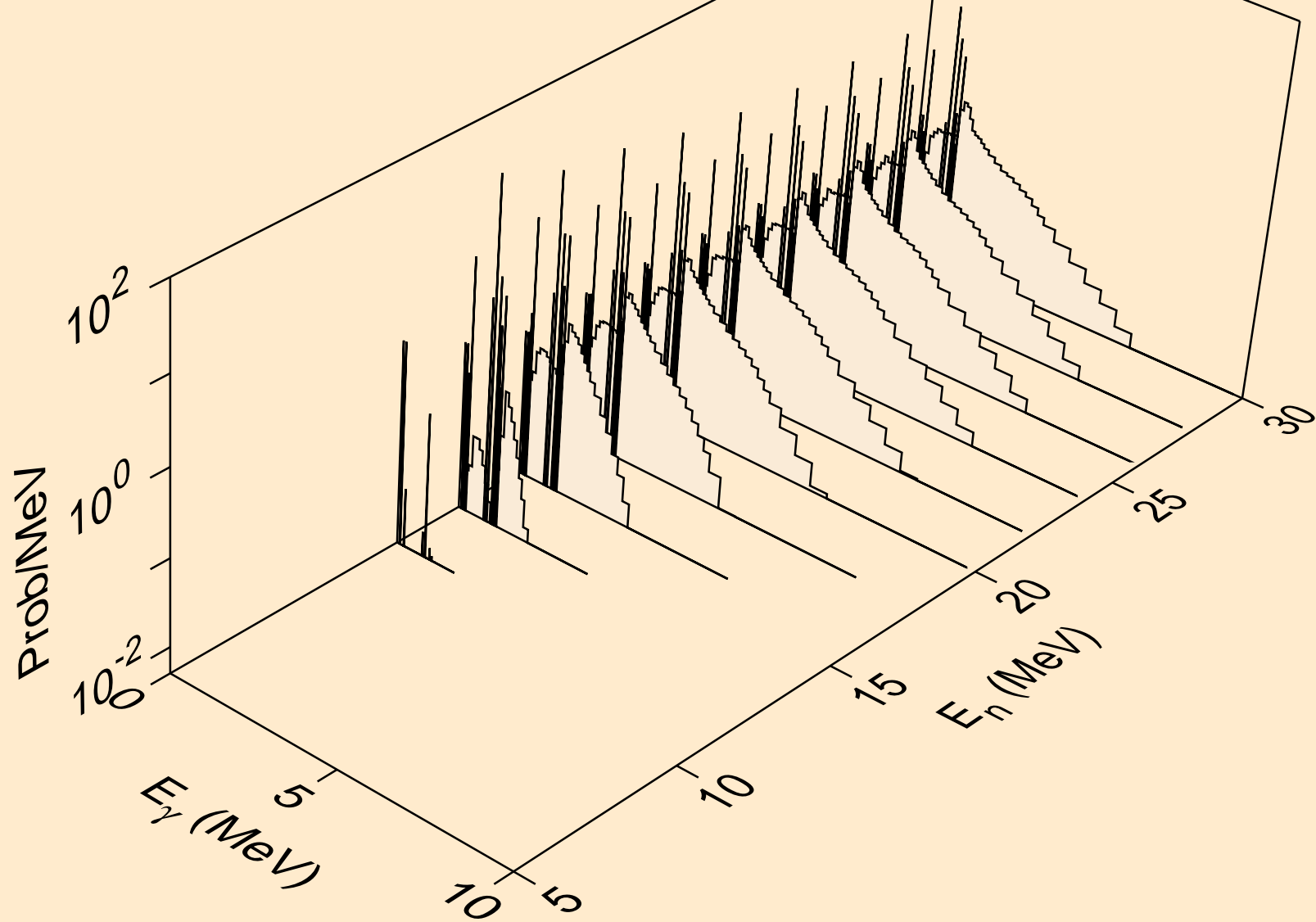
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Photon emission for (n,gma)



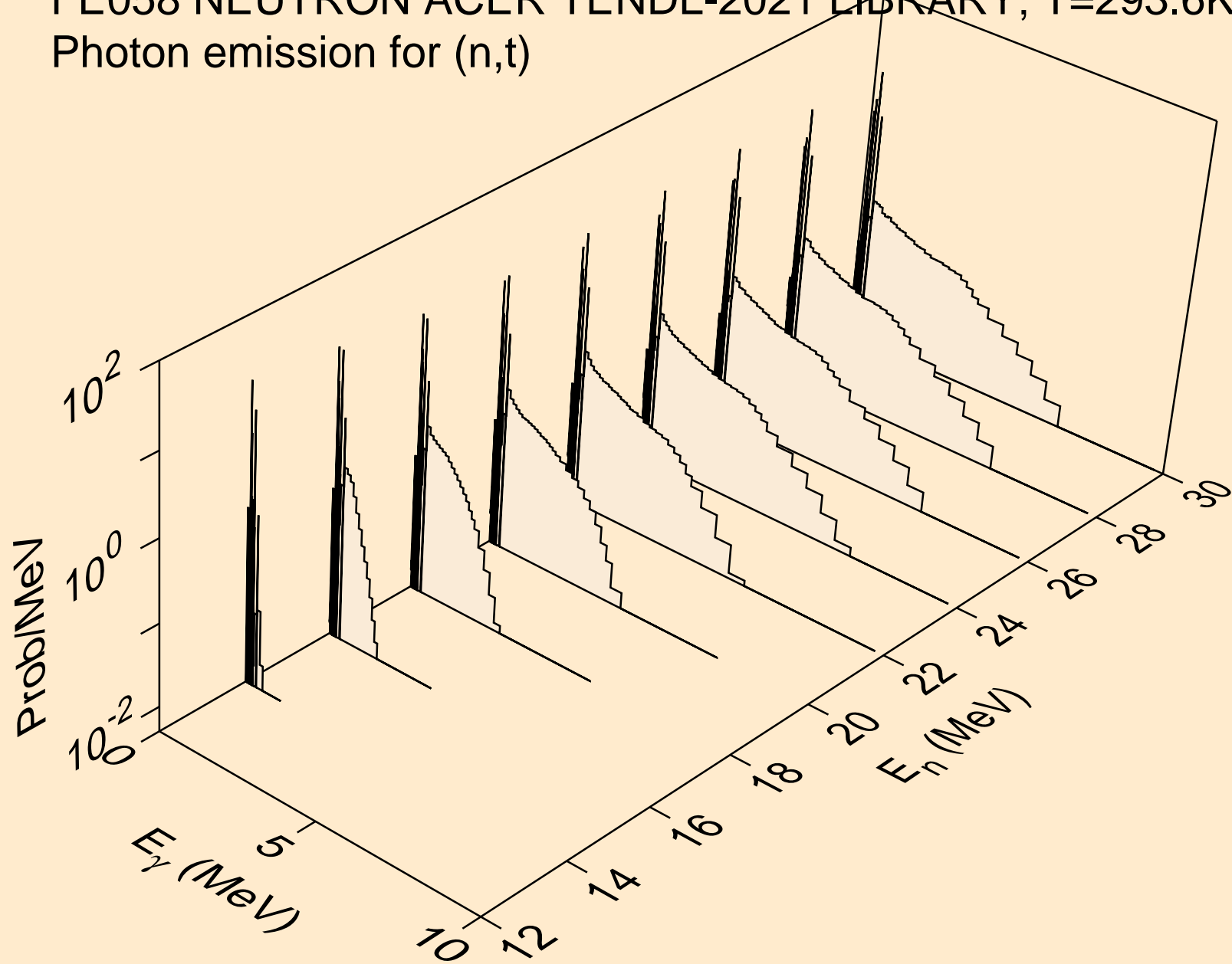
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Photon emission for (n,p)



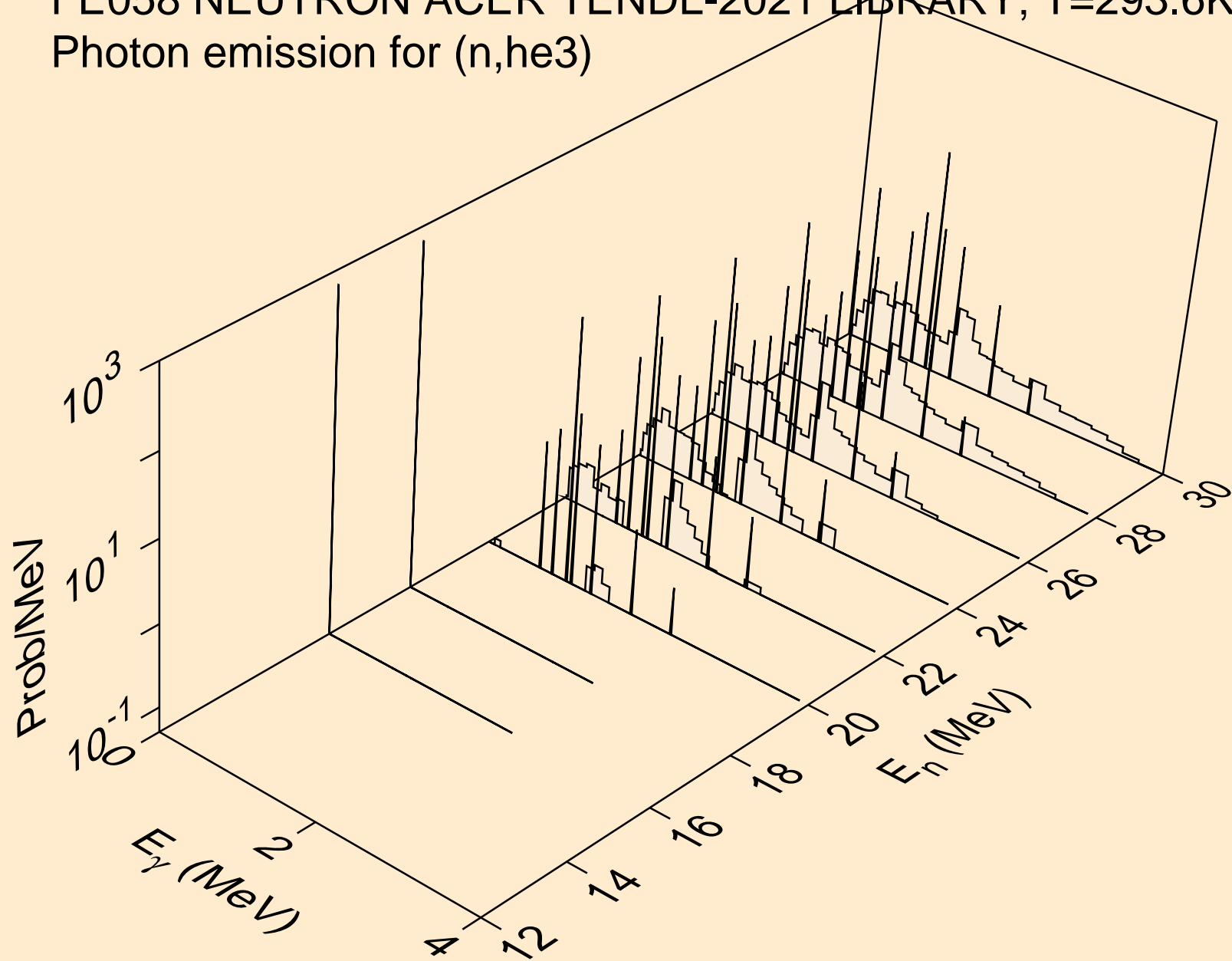
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Photon emission for (n,d)



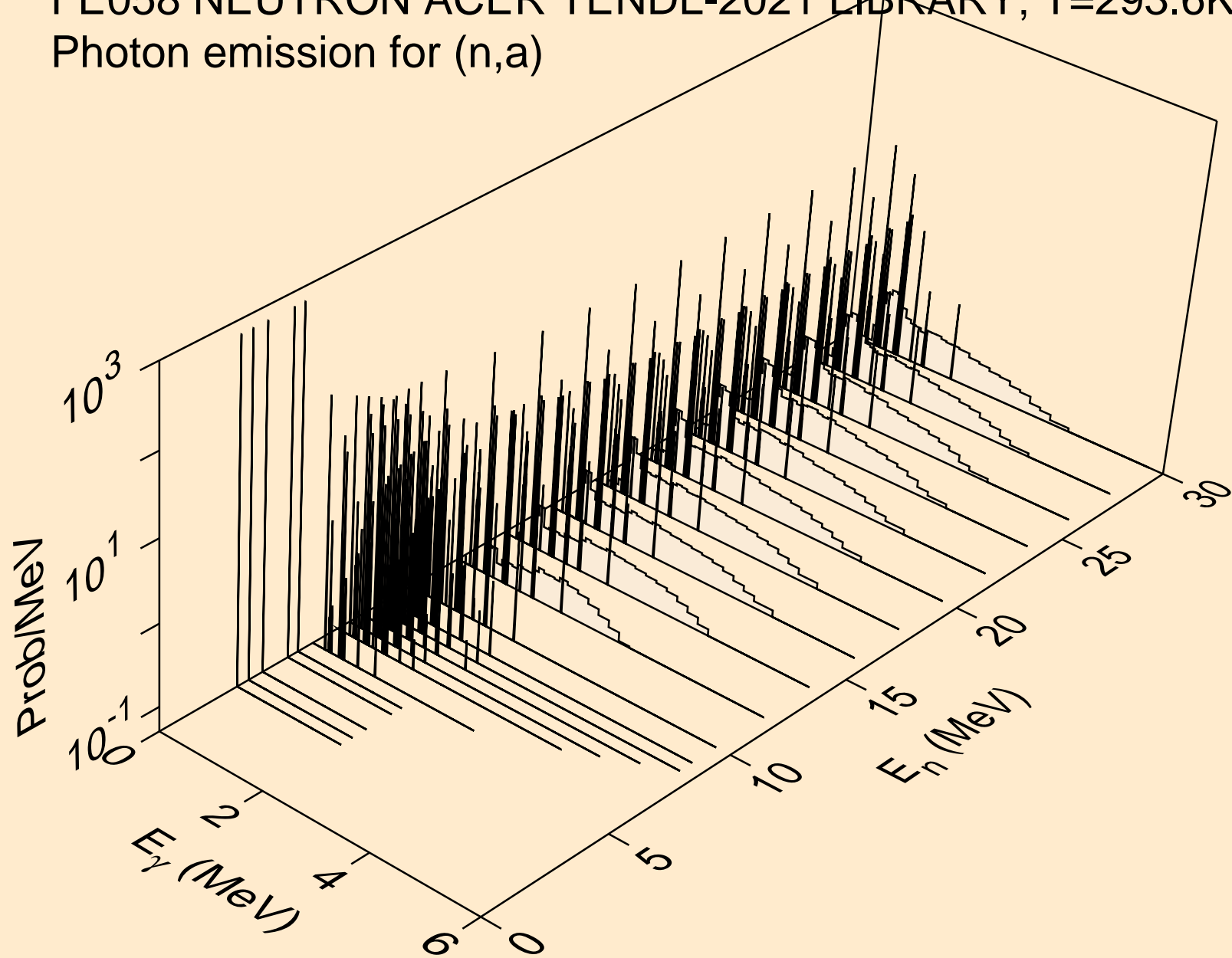
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Photon emission for (n,t)



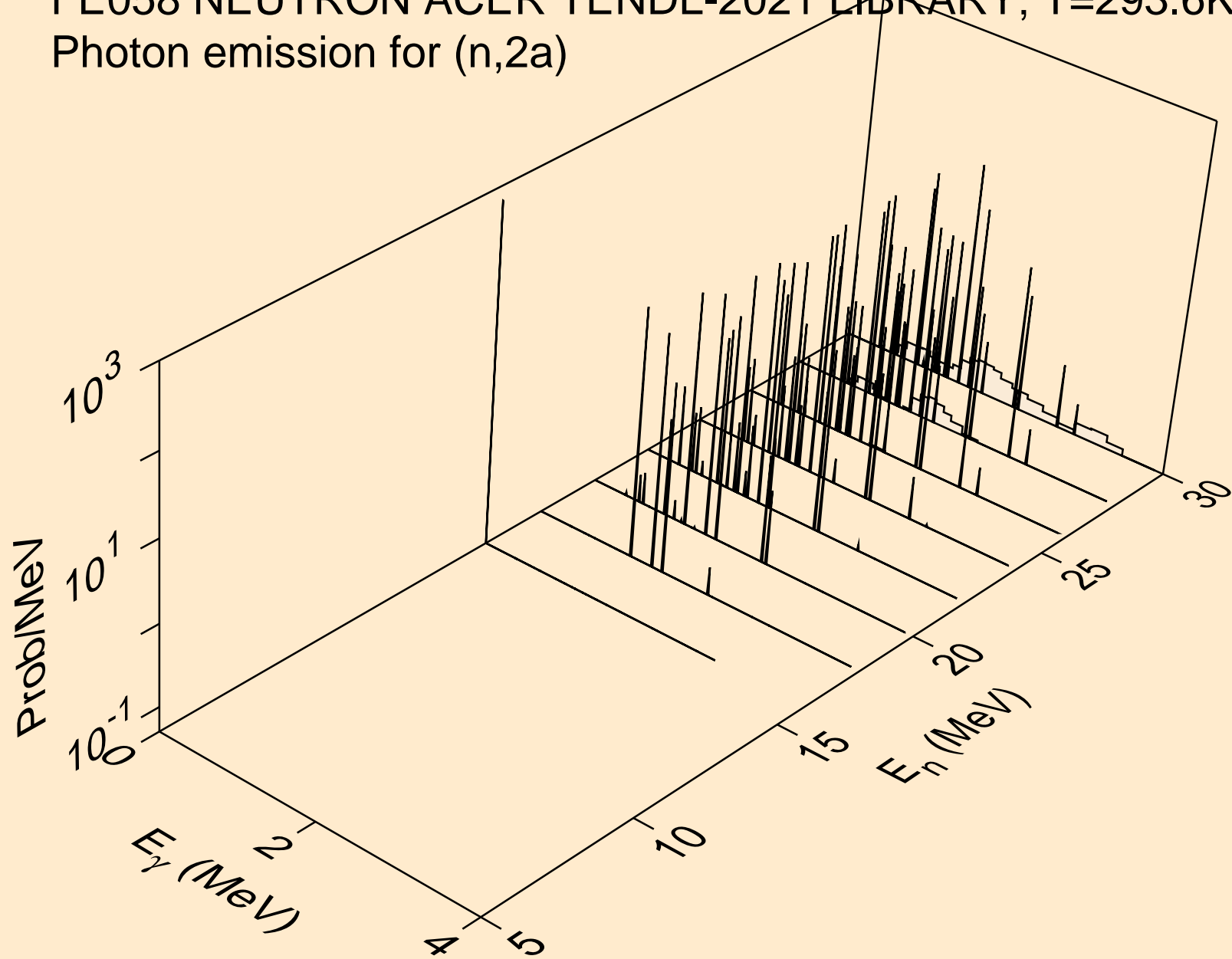
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

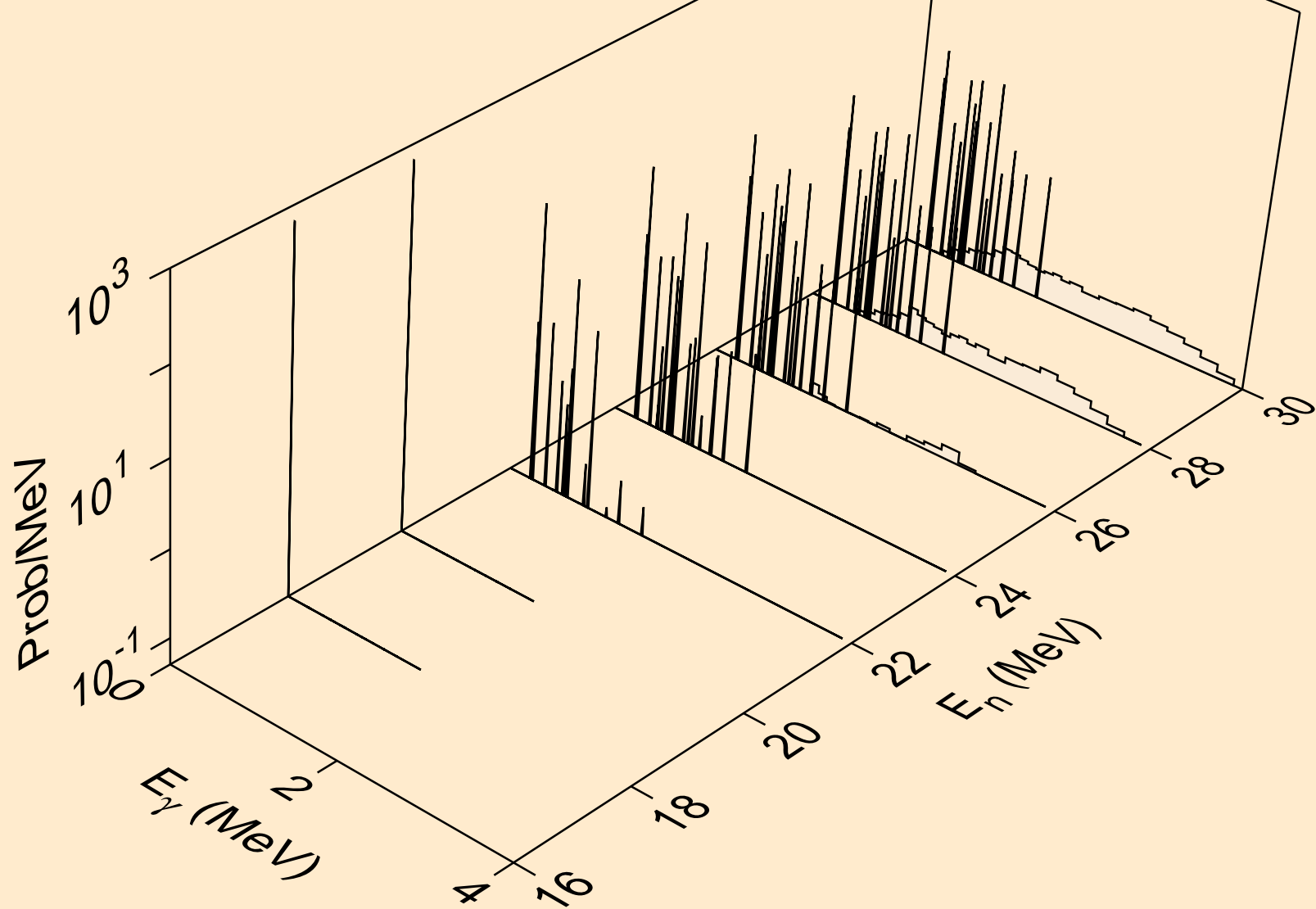


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Photon emission for (n,2a)

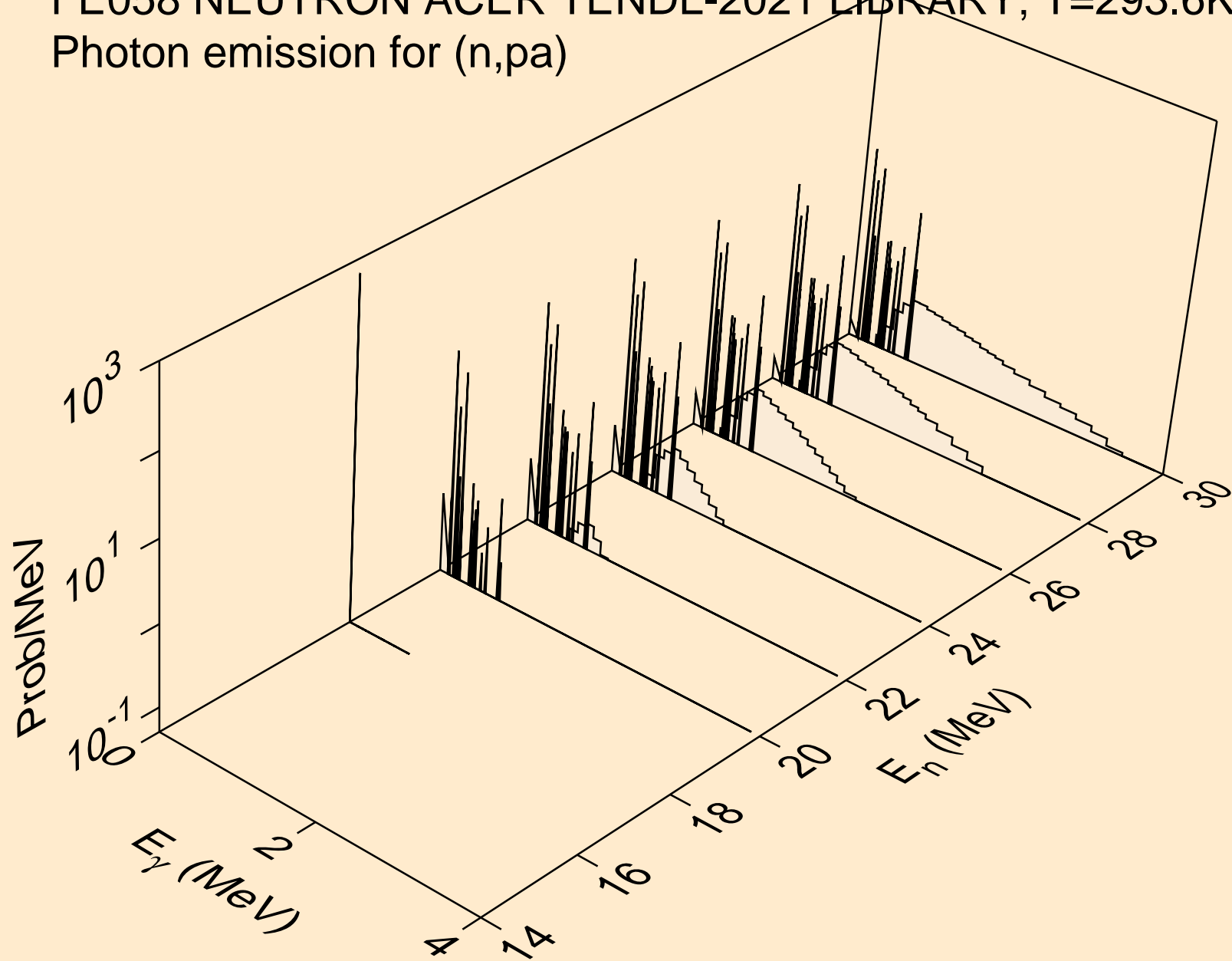




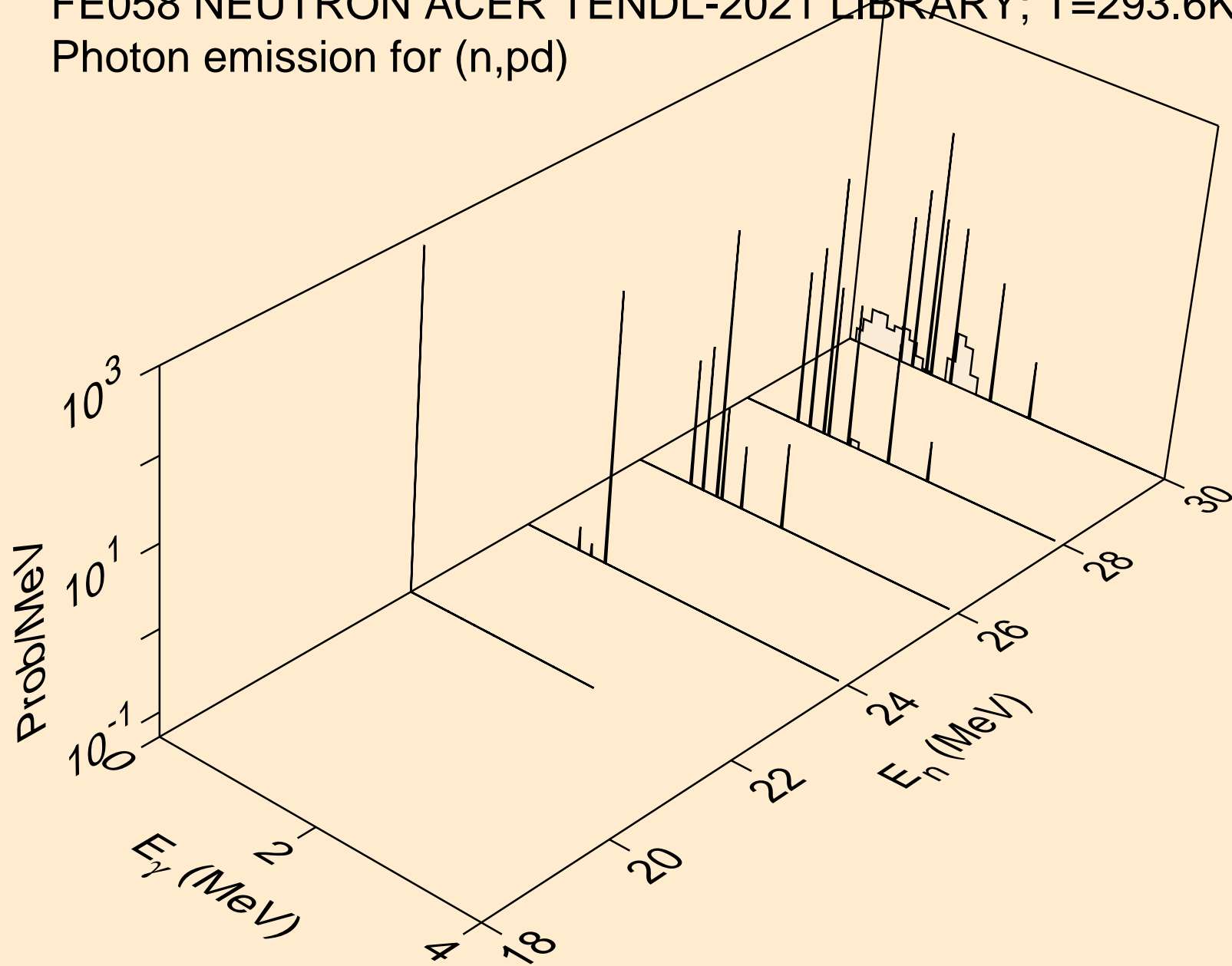
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Photon emission for (n,2p)



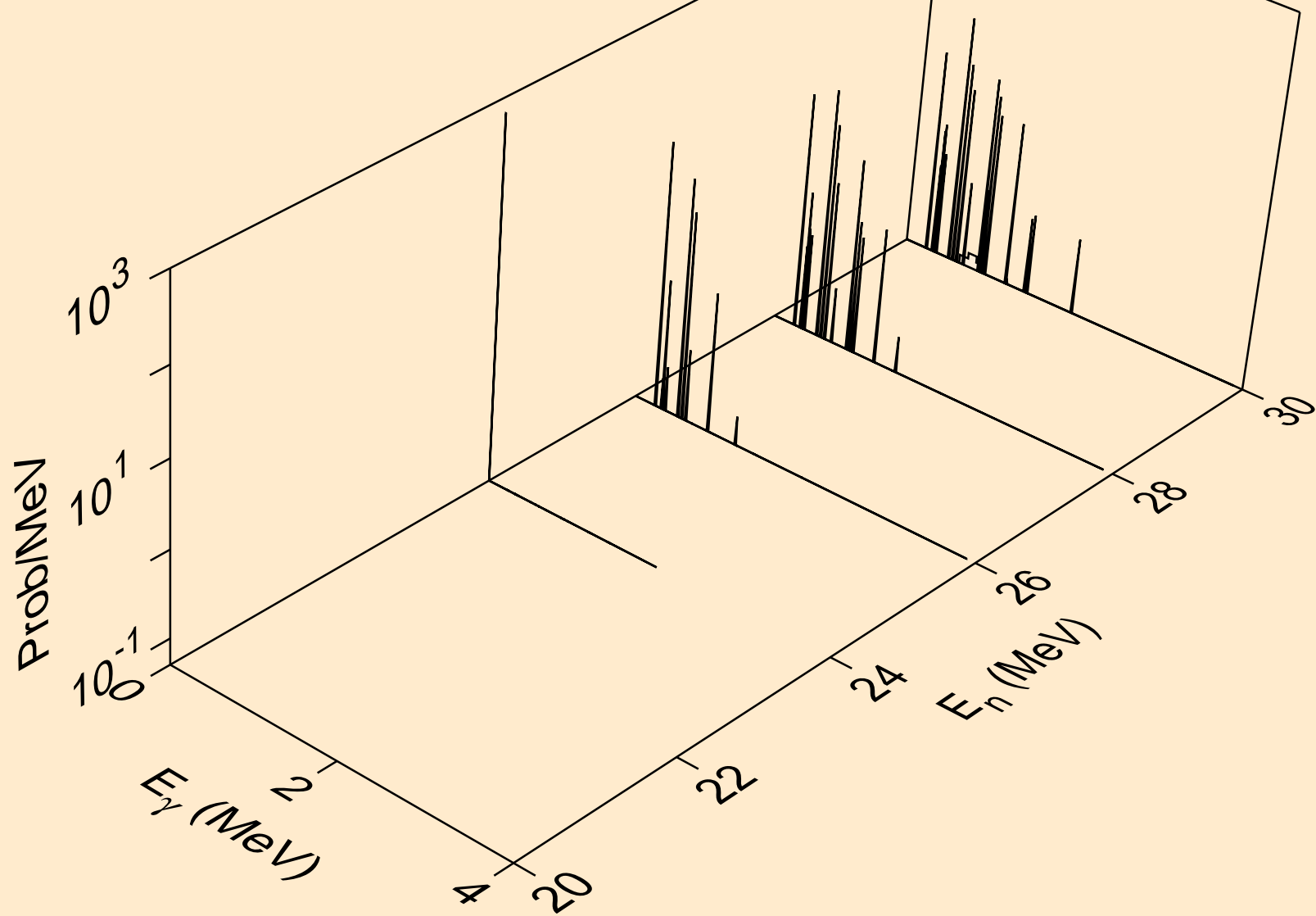
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Photon emission for (n,p $\alpha$ )



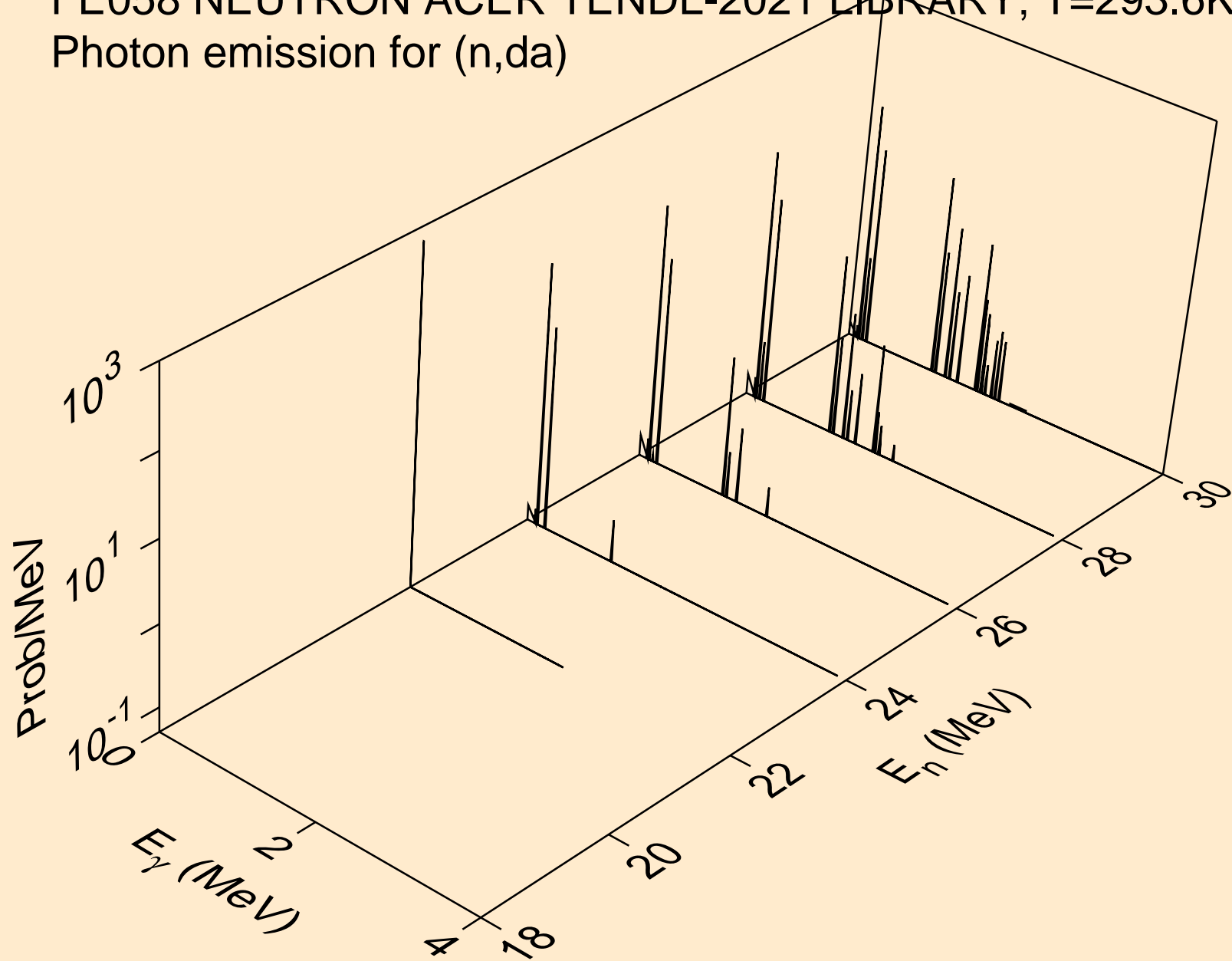
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Photon emission for (n,pd)



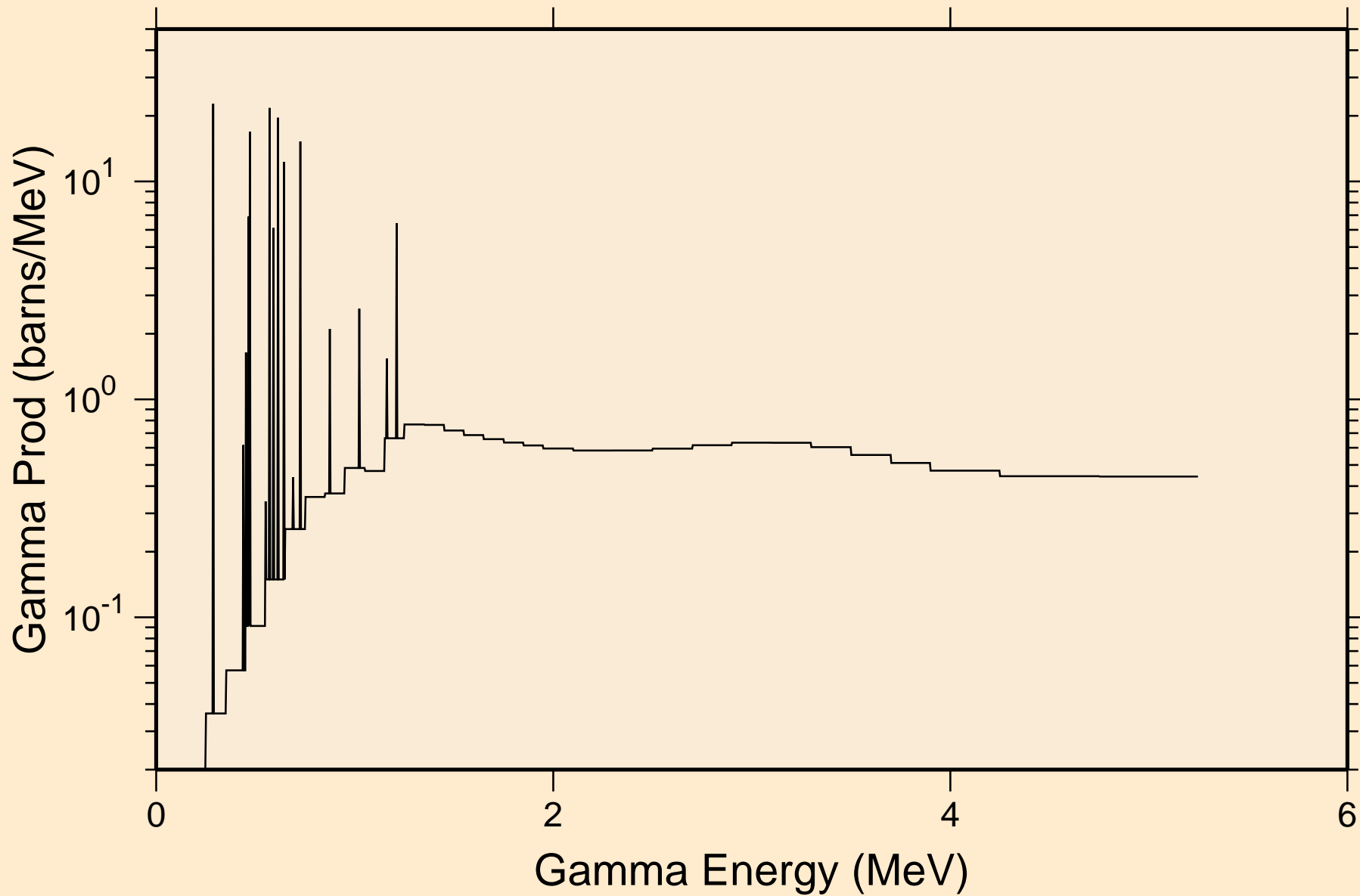
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Photon emission for (n,pt)



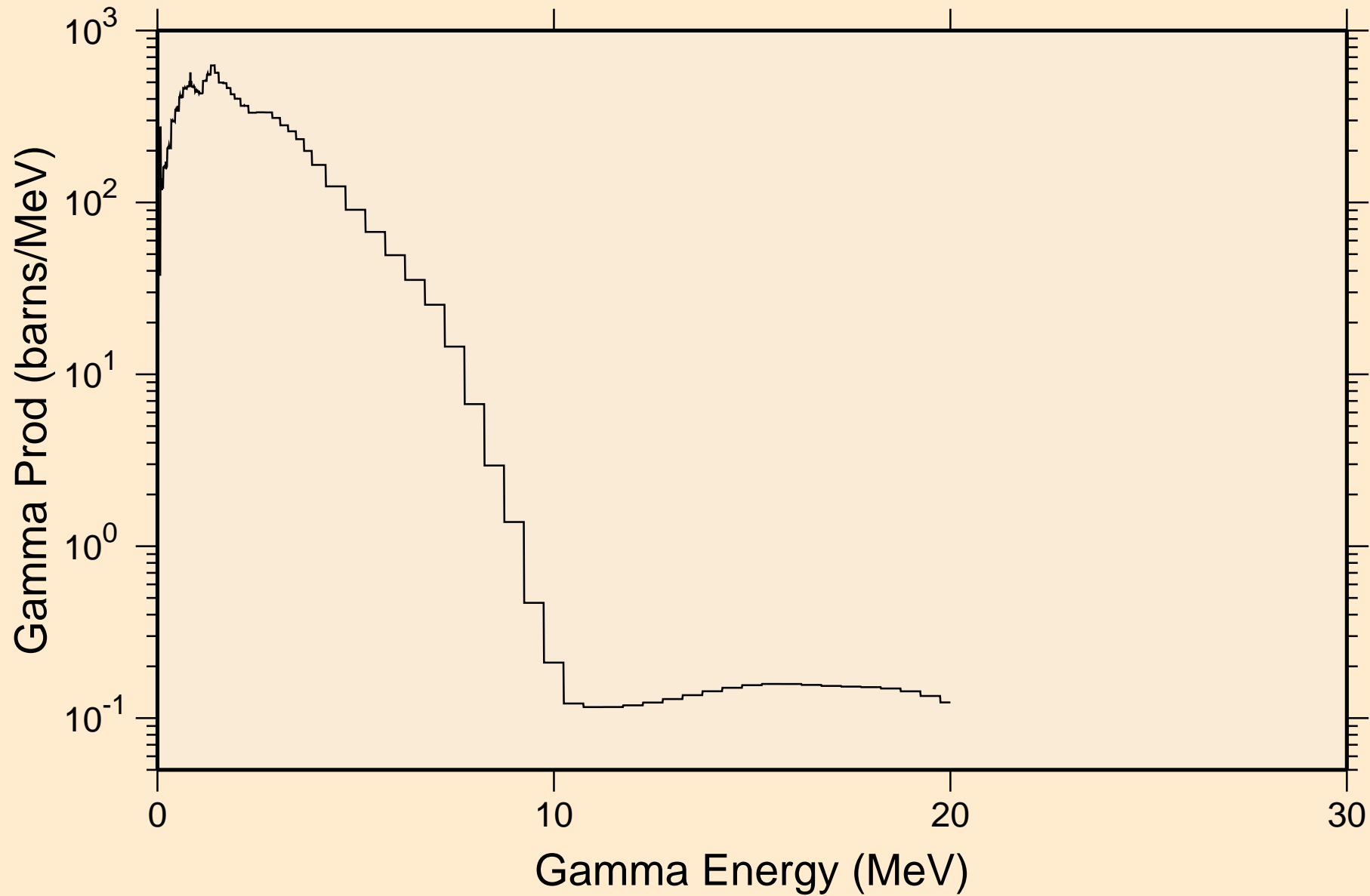
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



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thermal capture photon spectrum

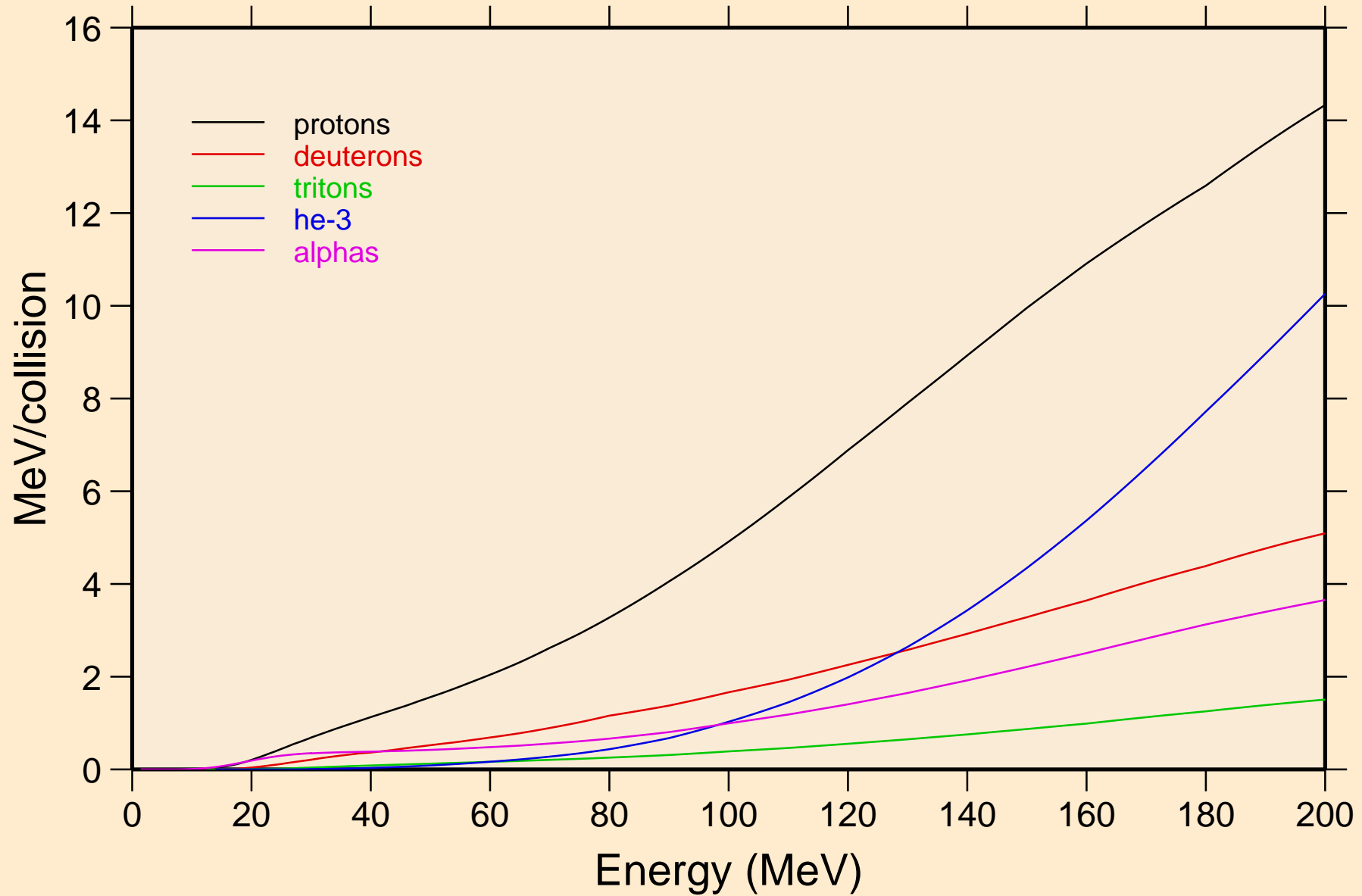


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



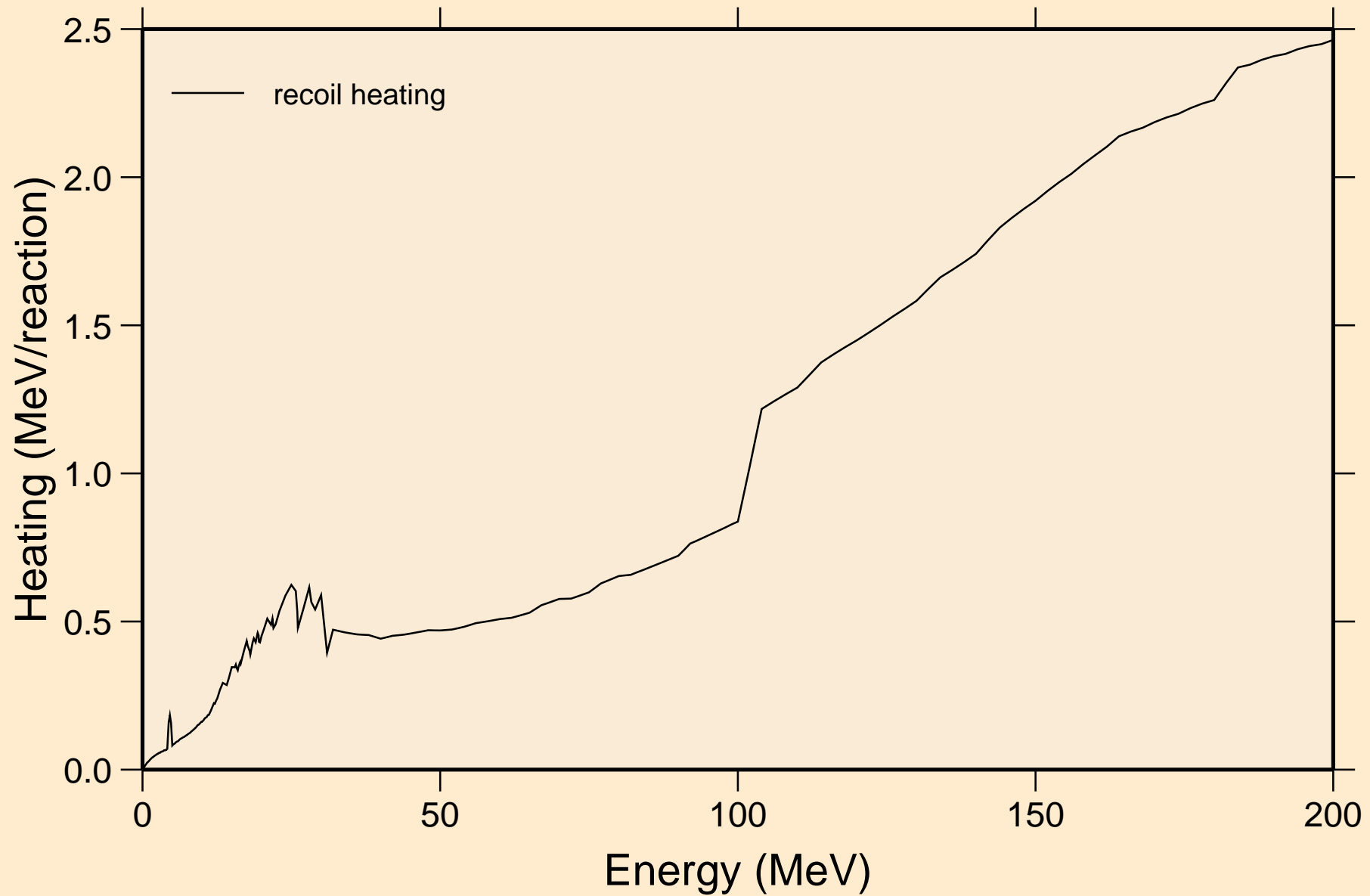
# FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

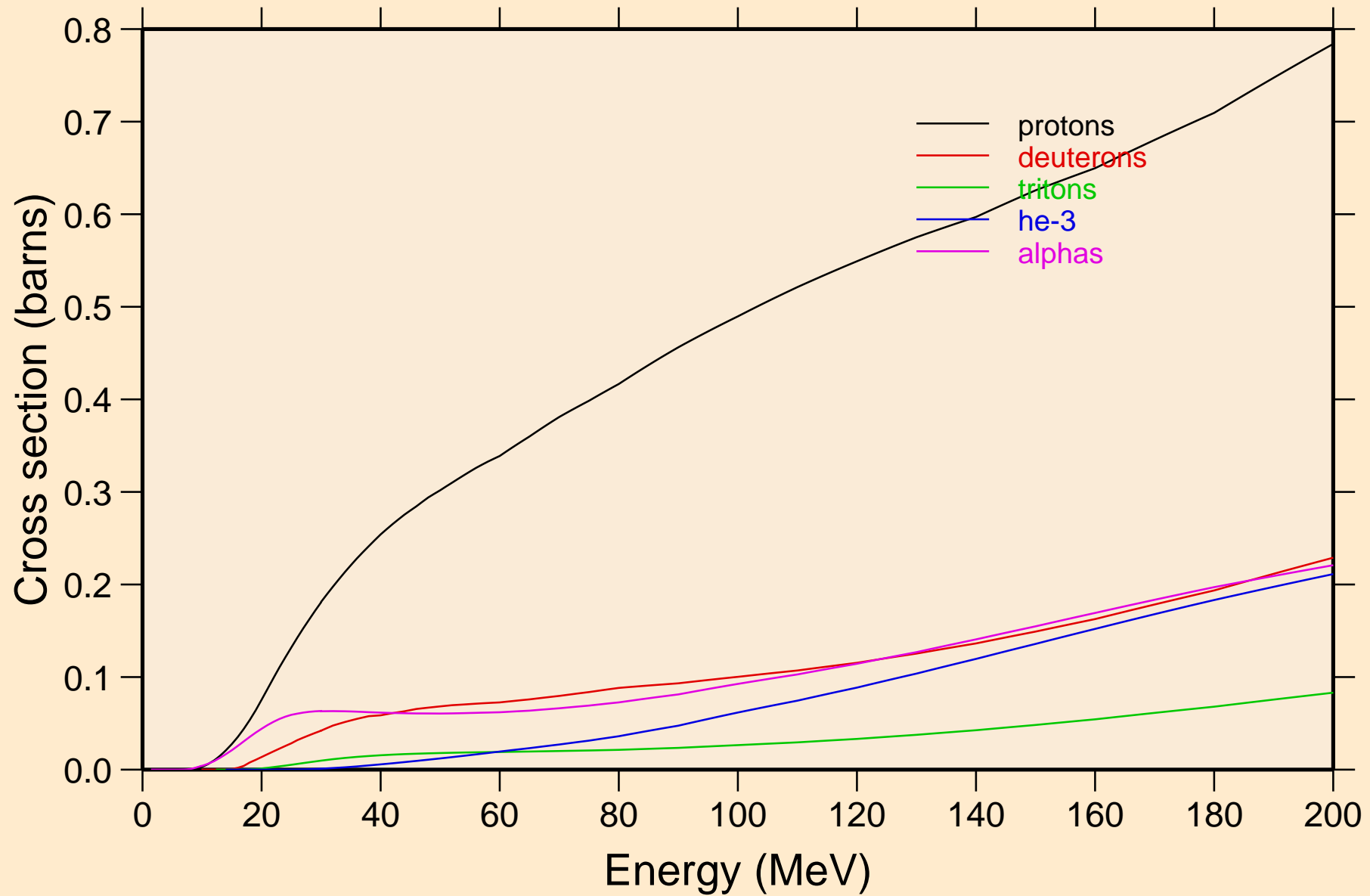




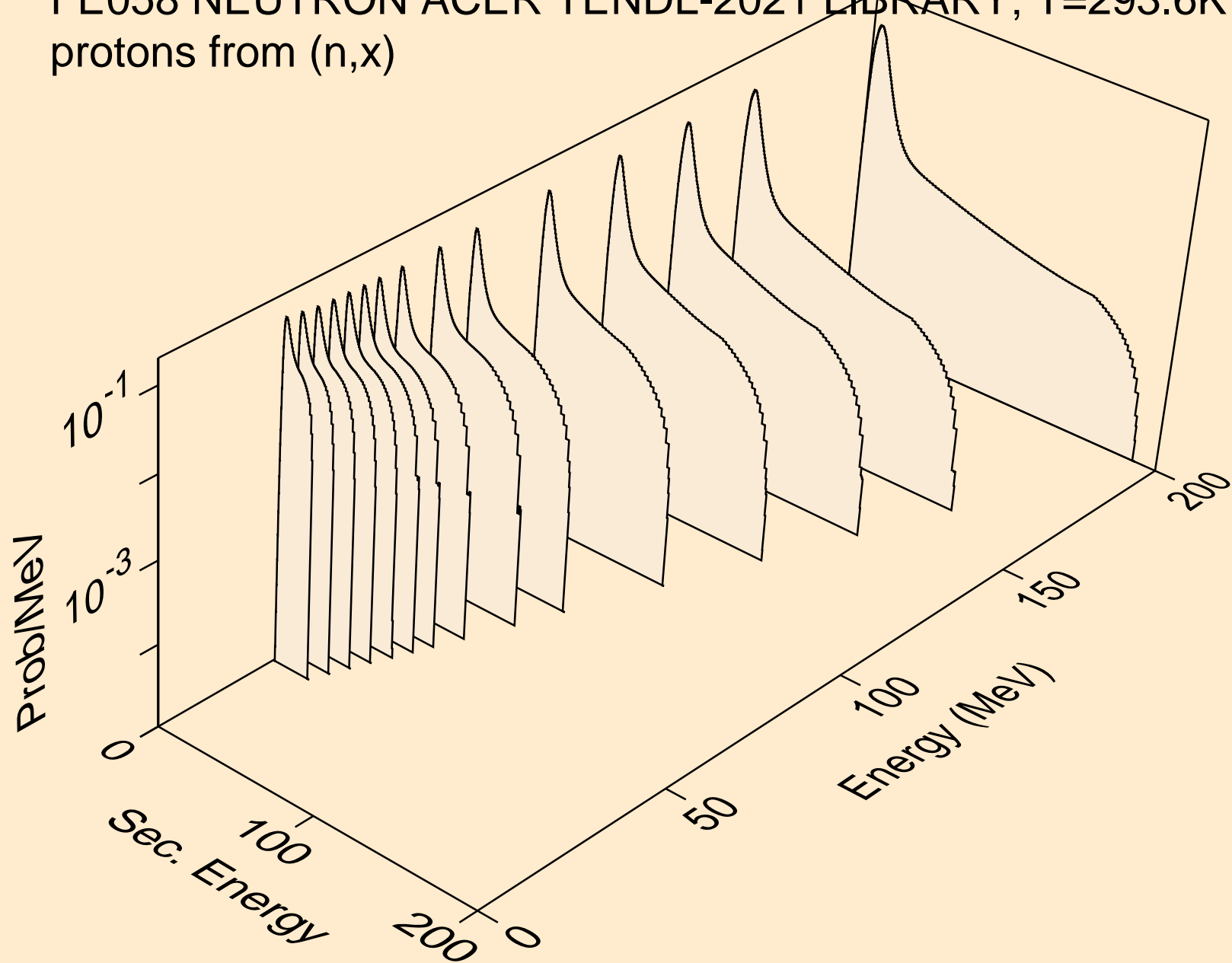
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Recoil Heating



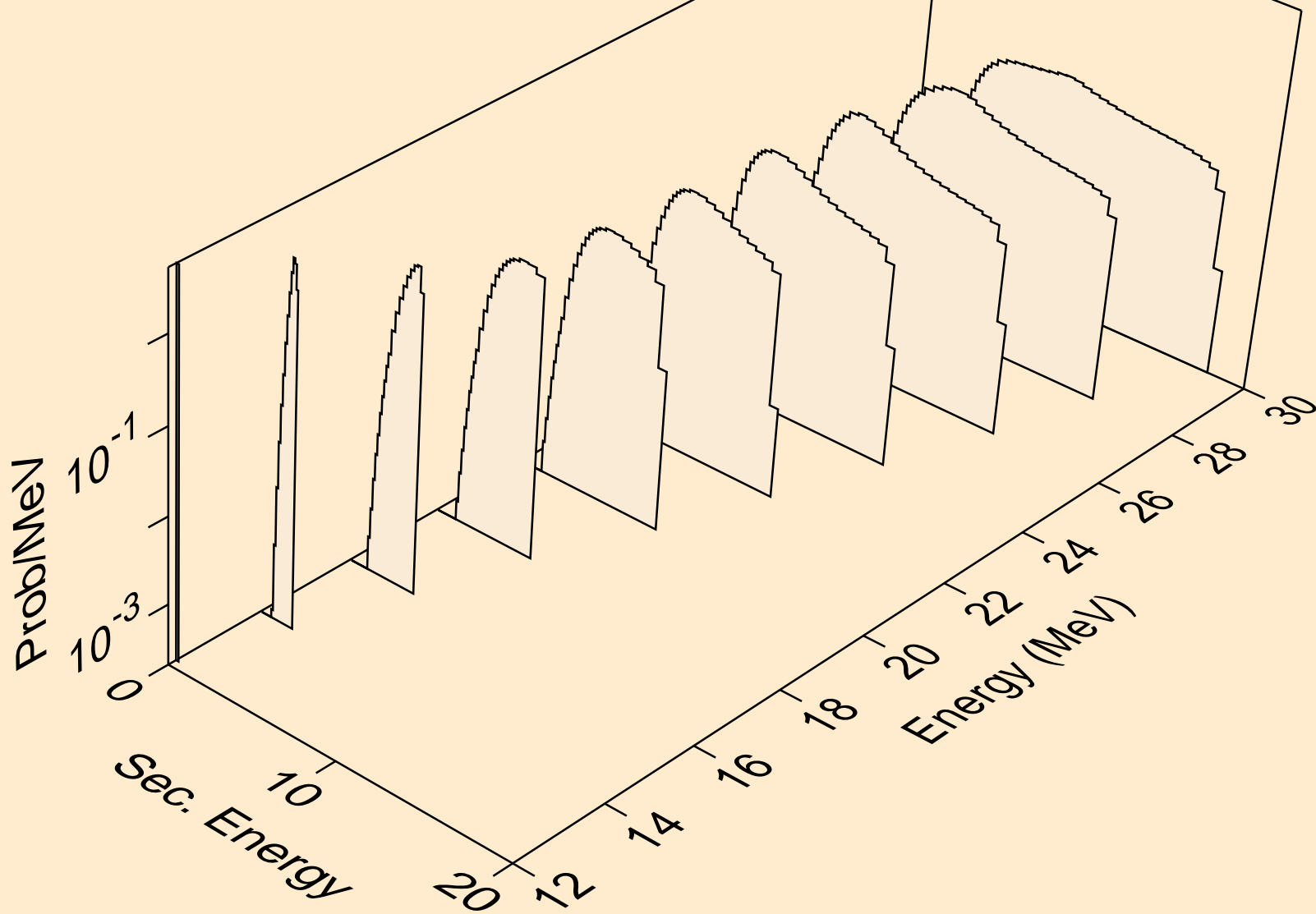
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Particle production cross sections



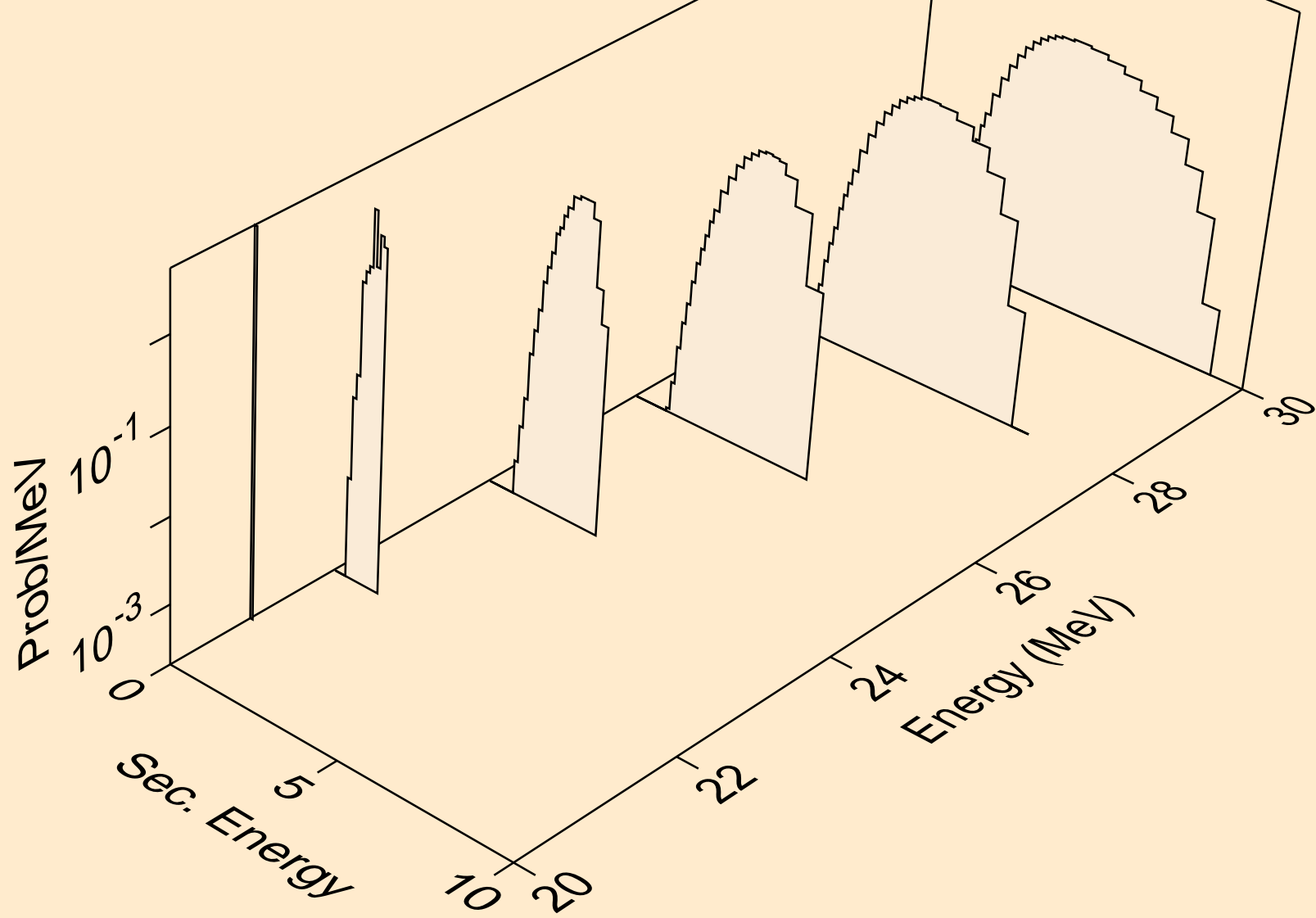
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protons from (n,x)



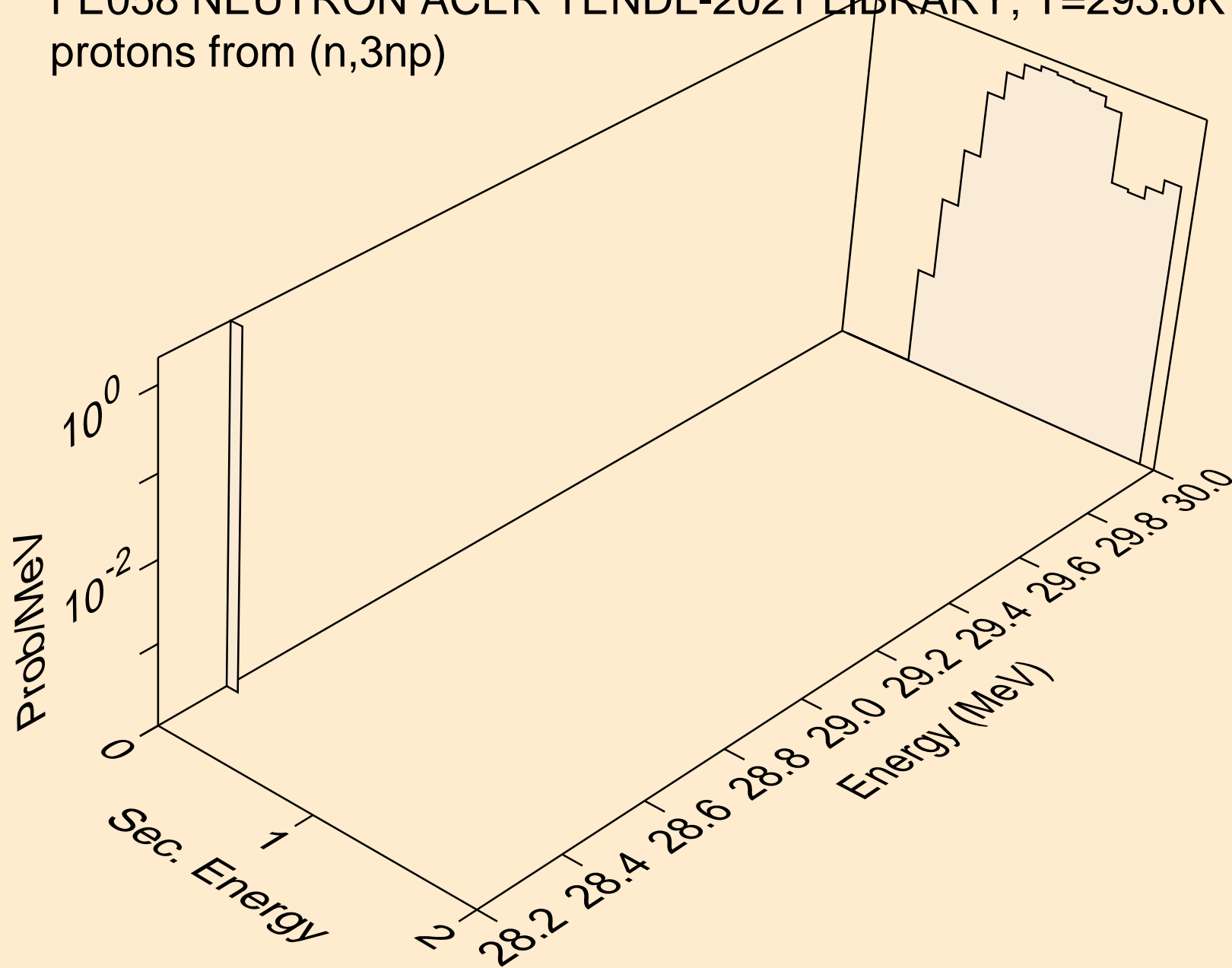
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protons from (n,n\*)p



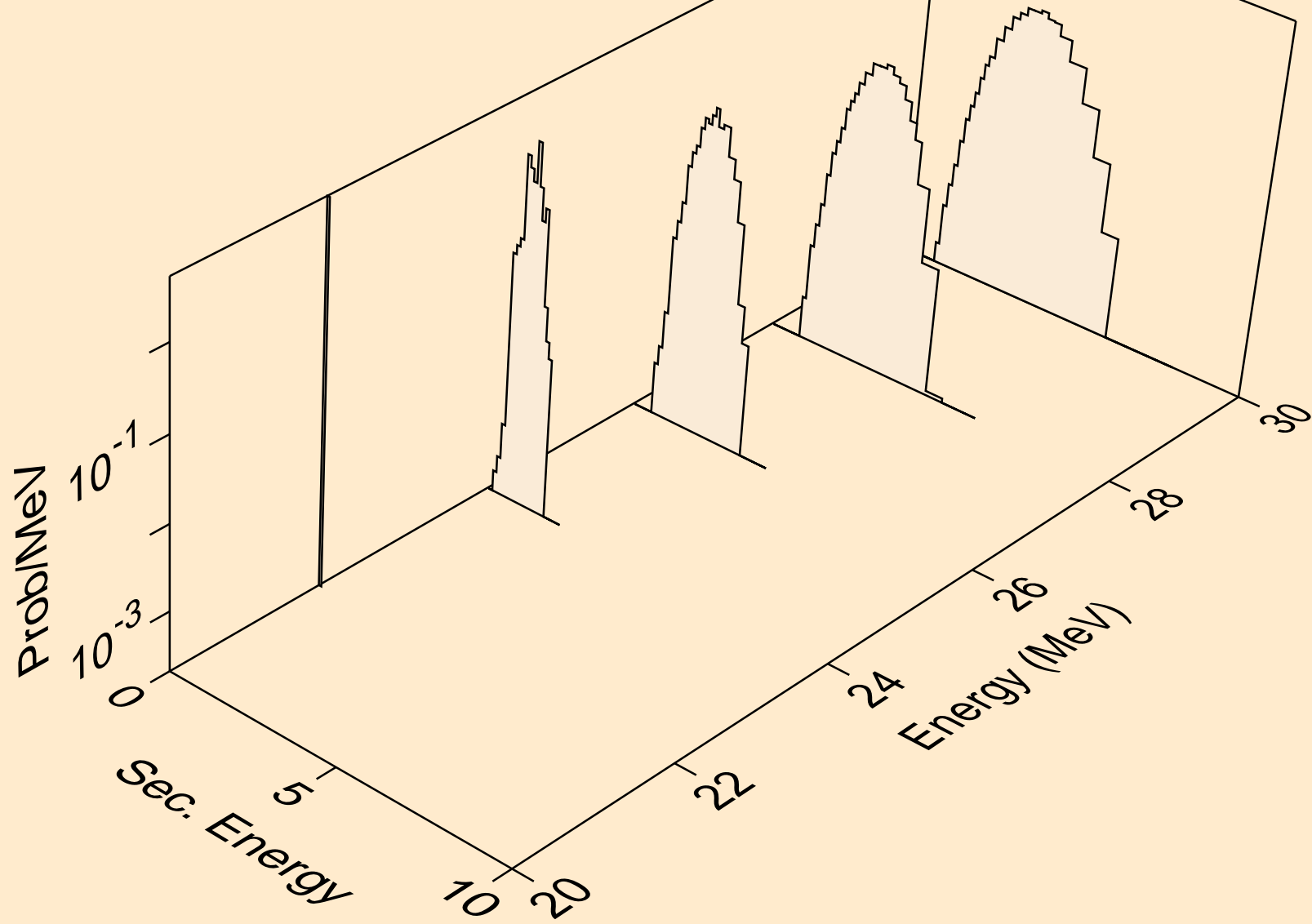
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protons from (n,2np)



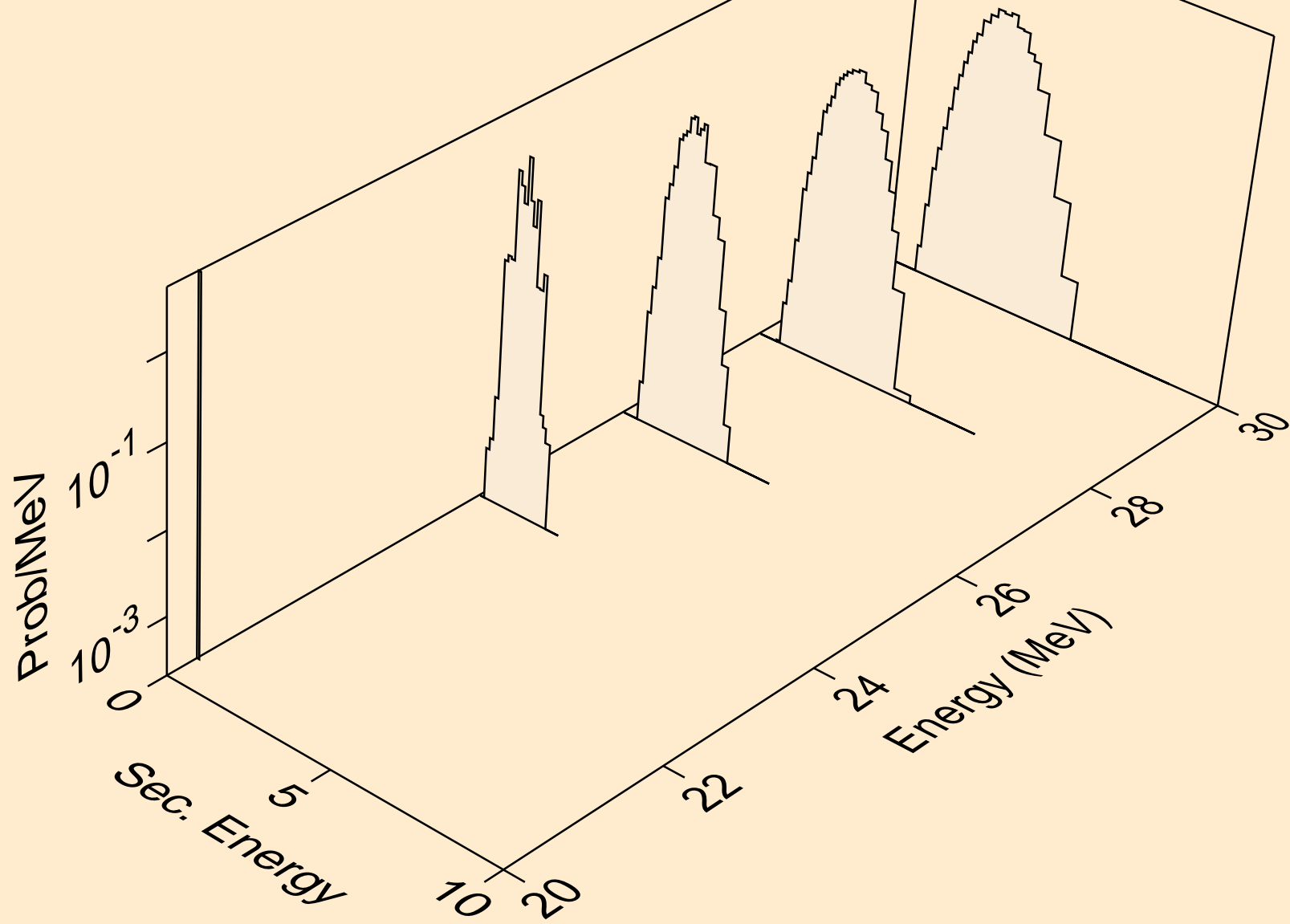
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protons from (n,3np)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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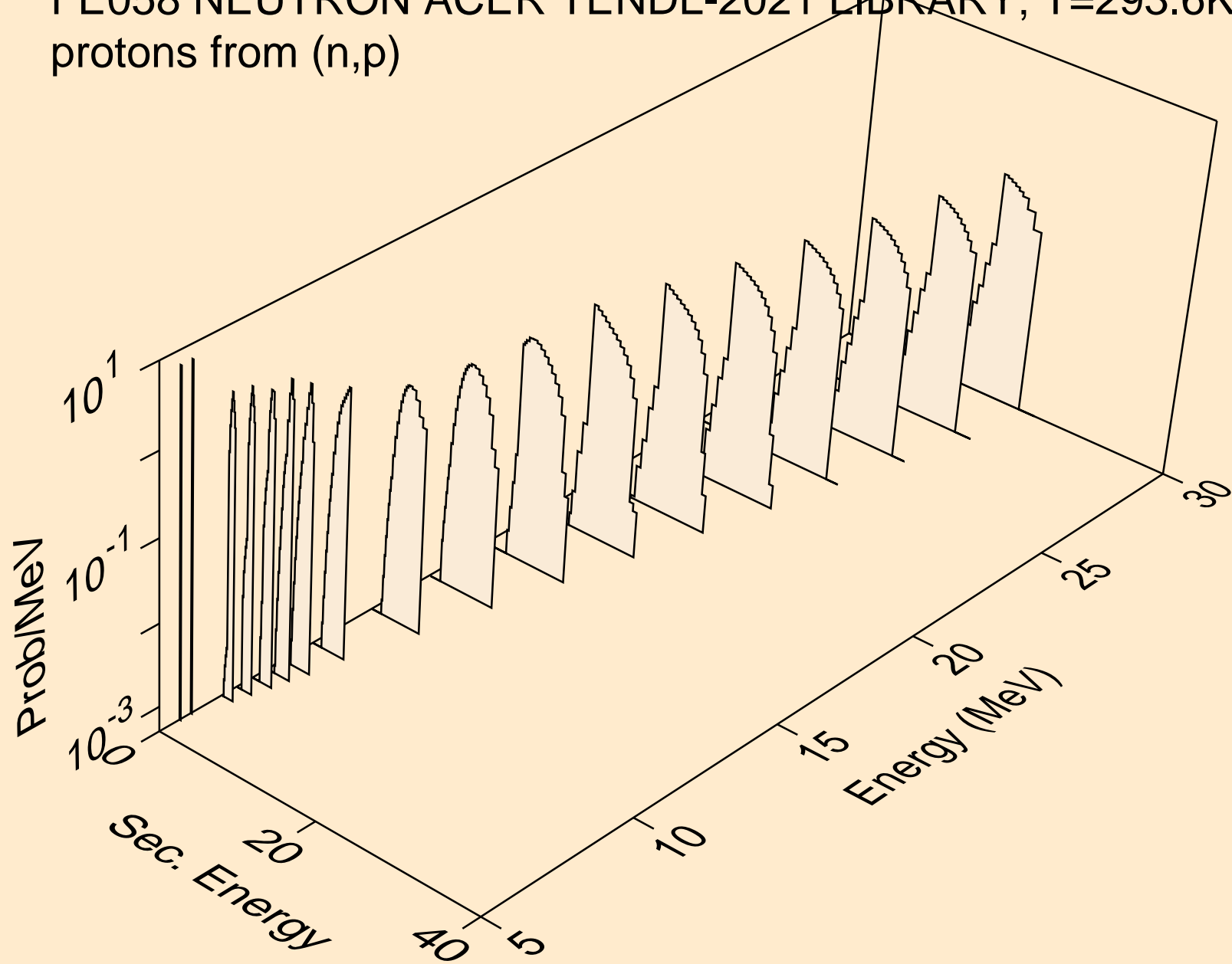


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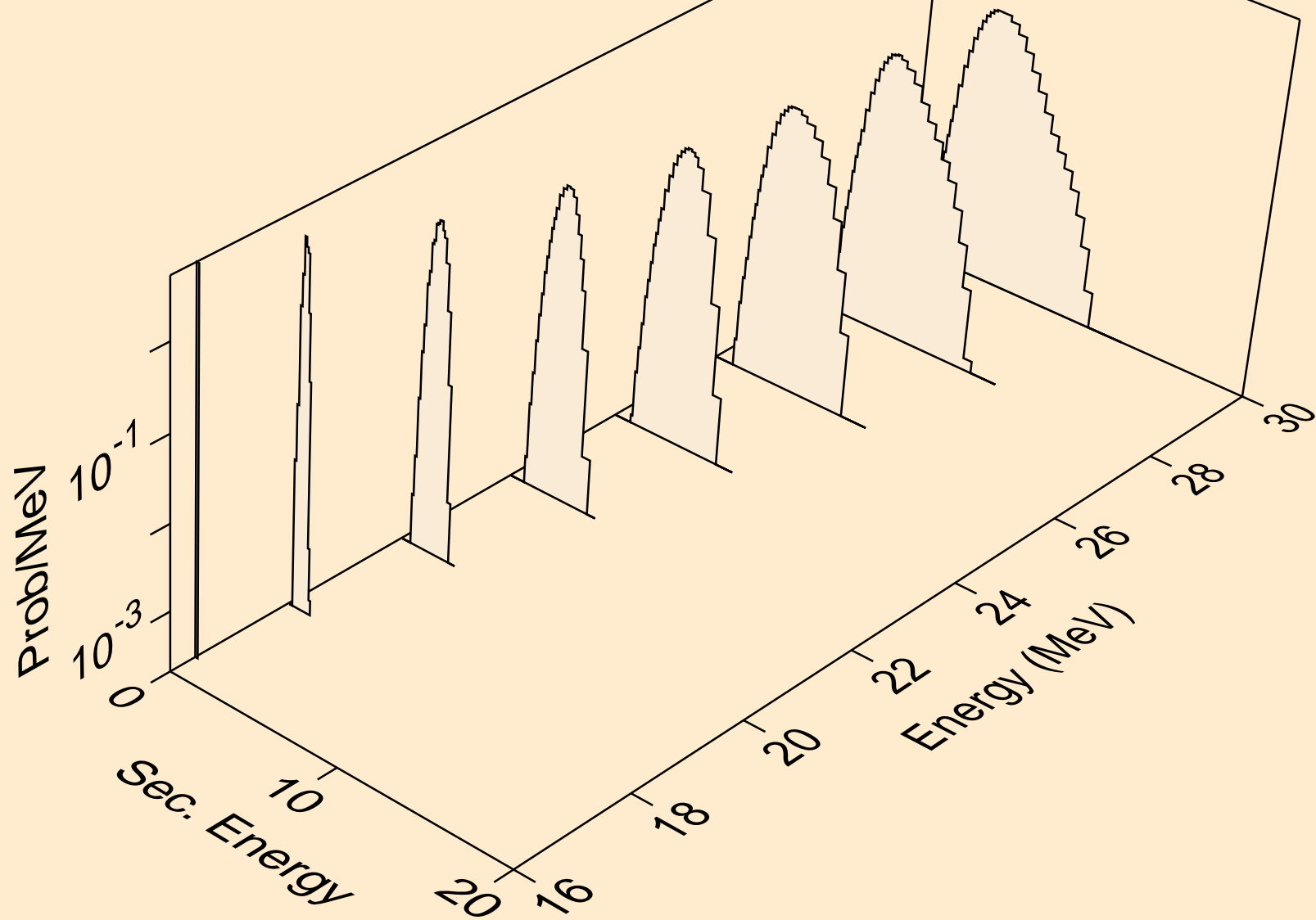




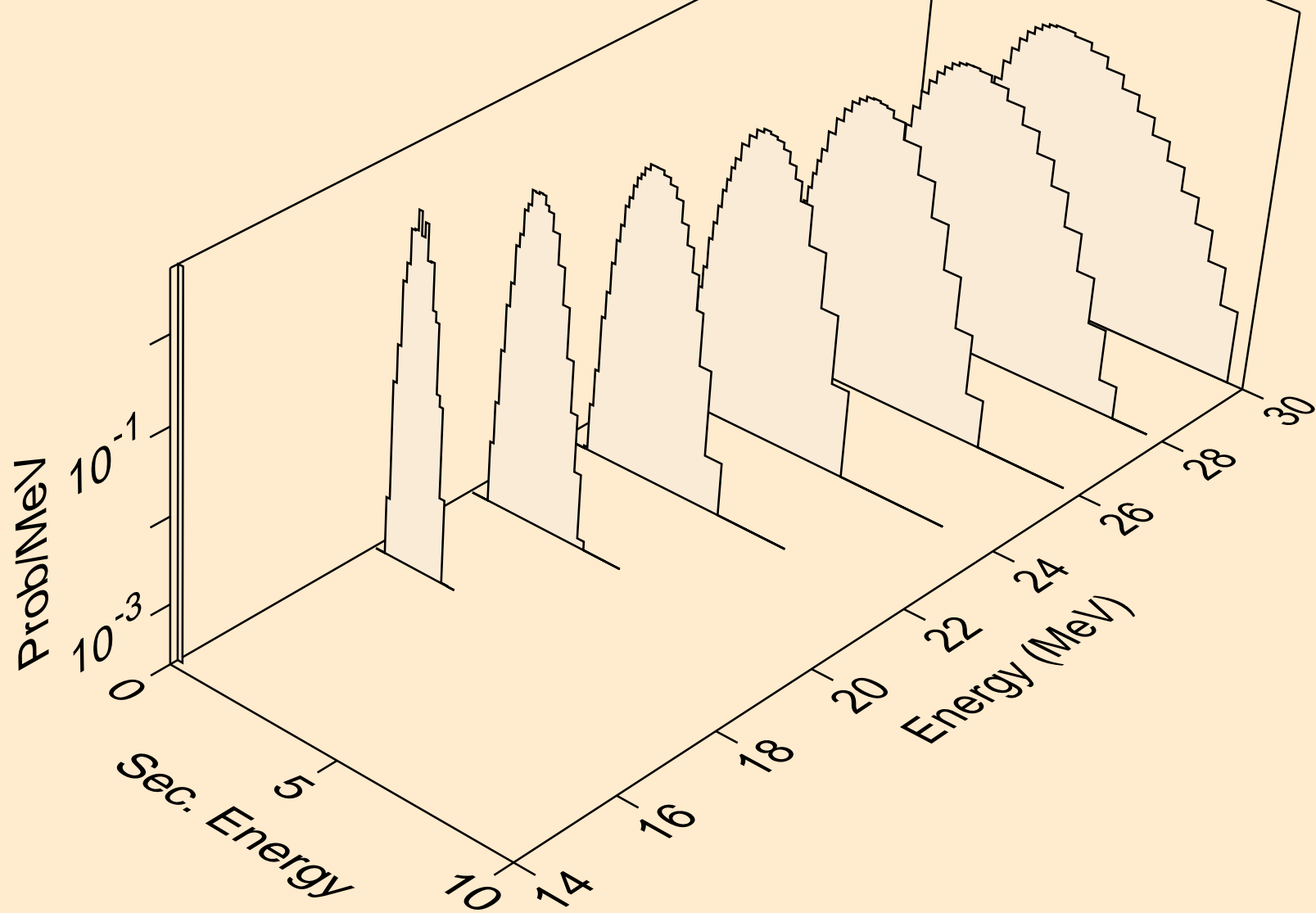
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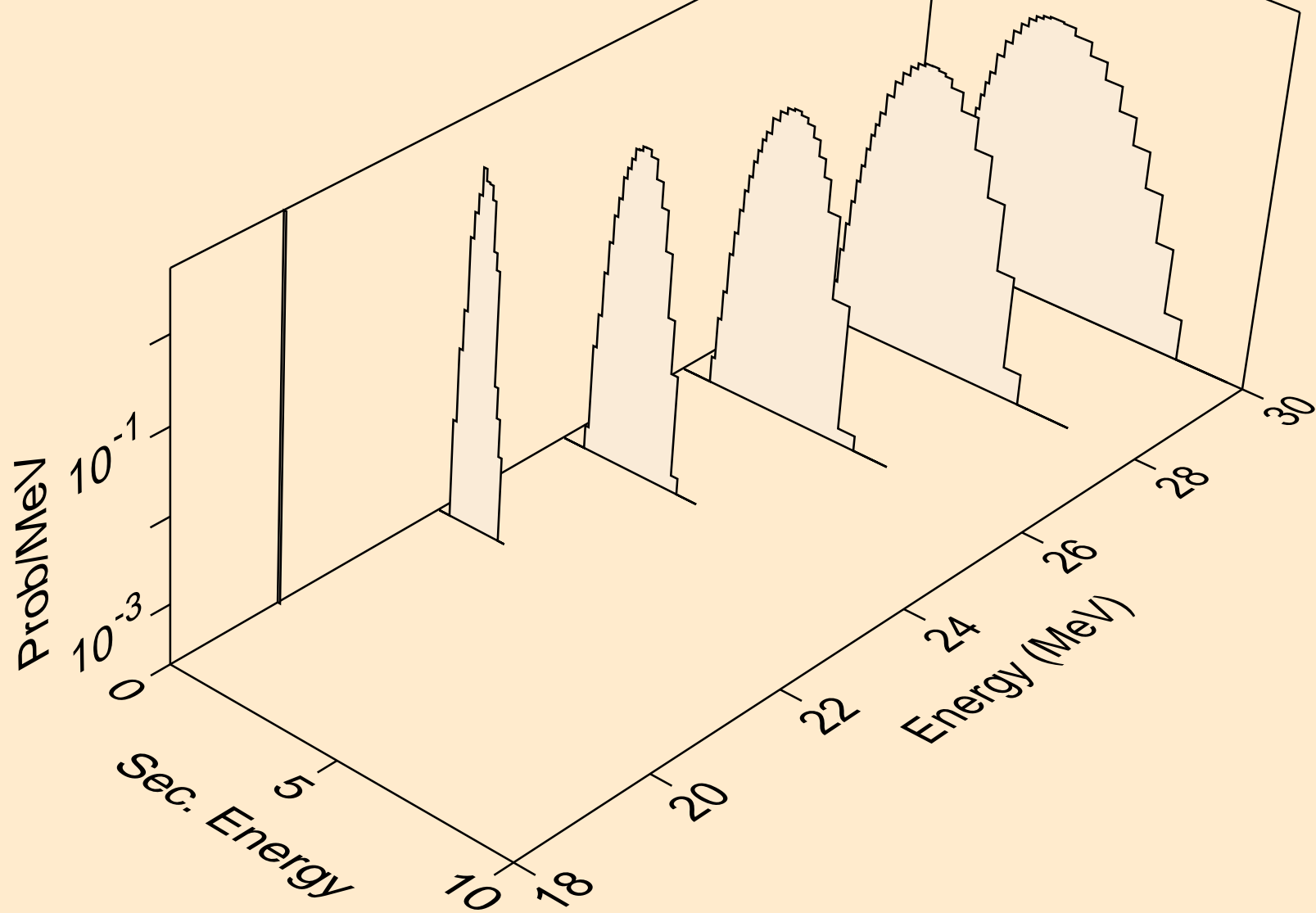
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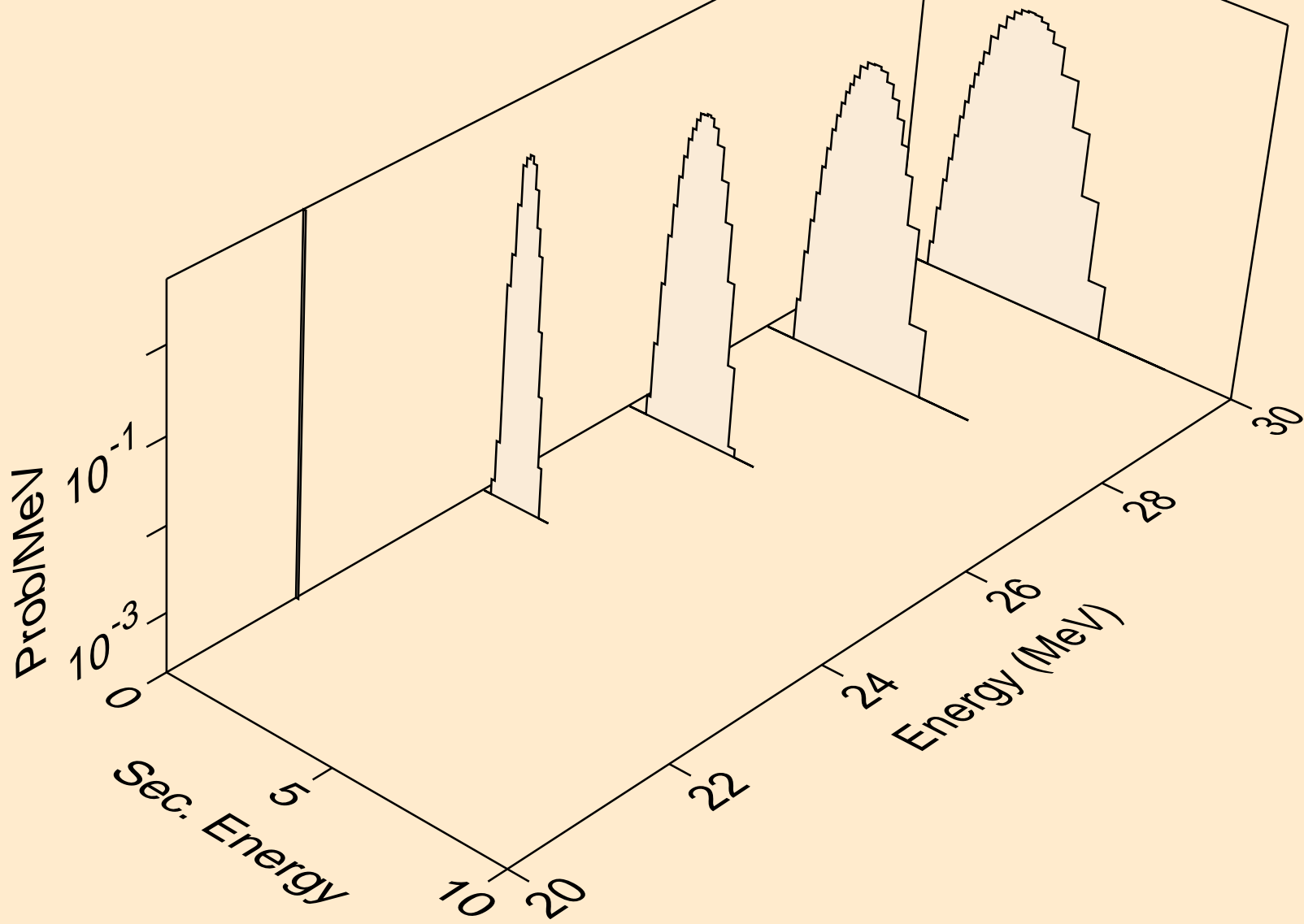
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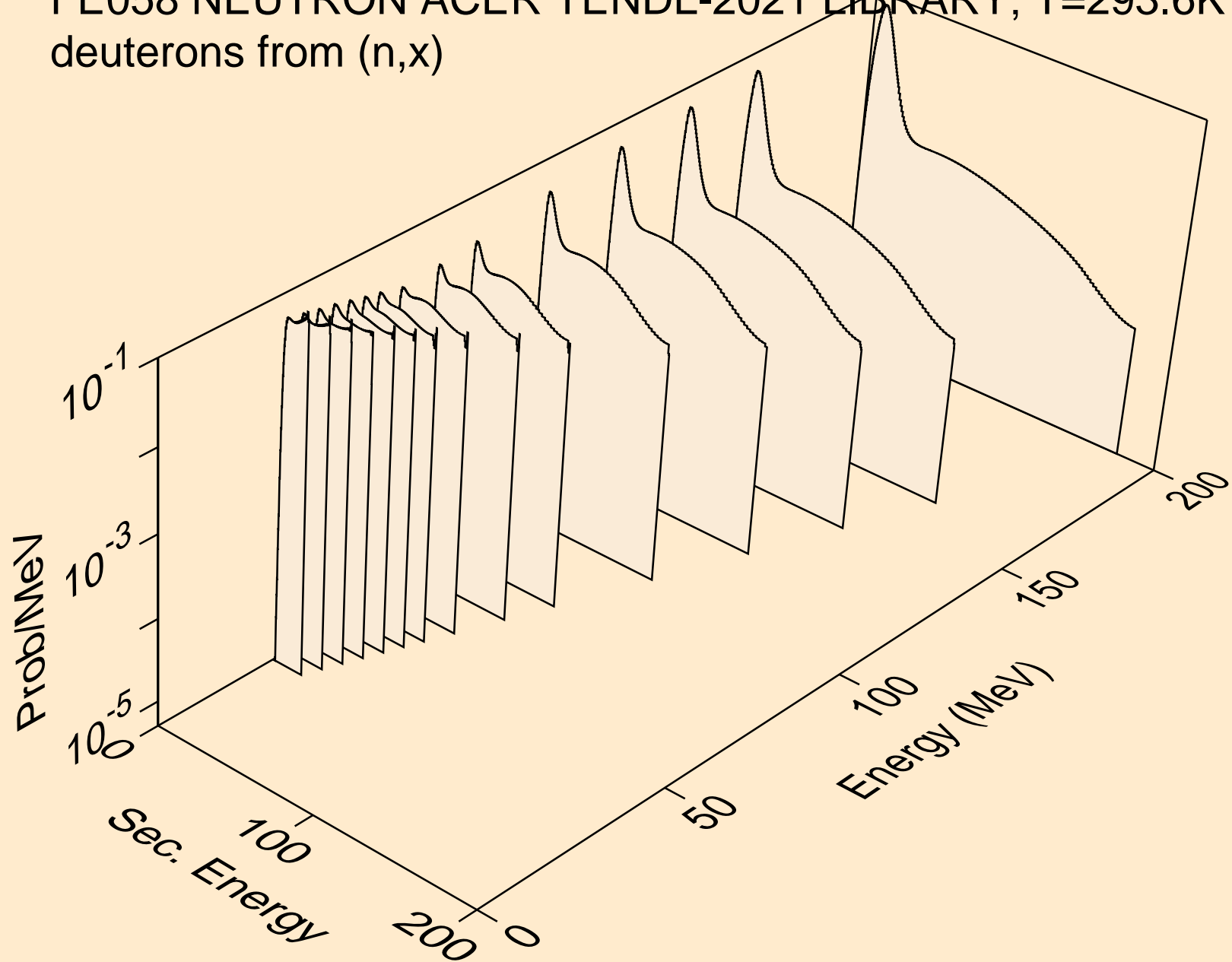
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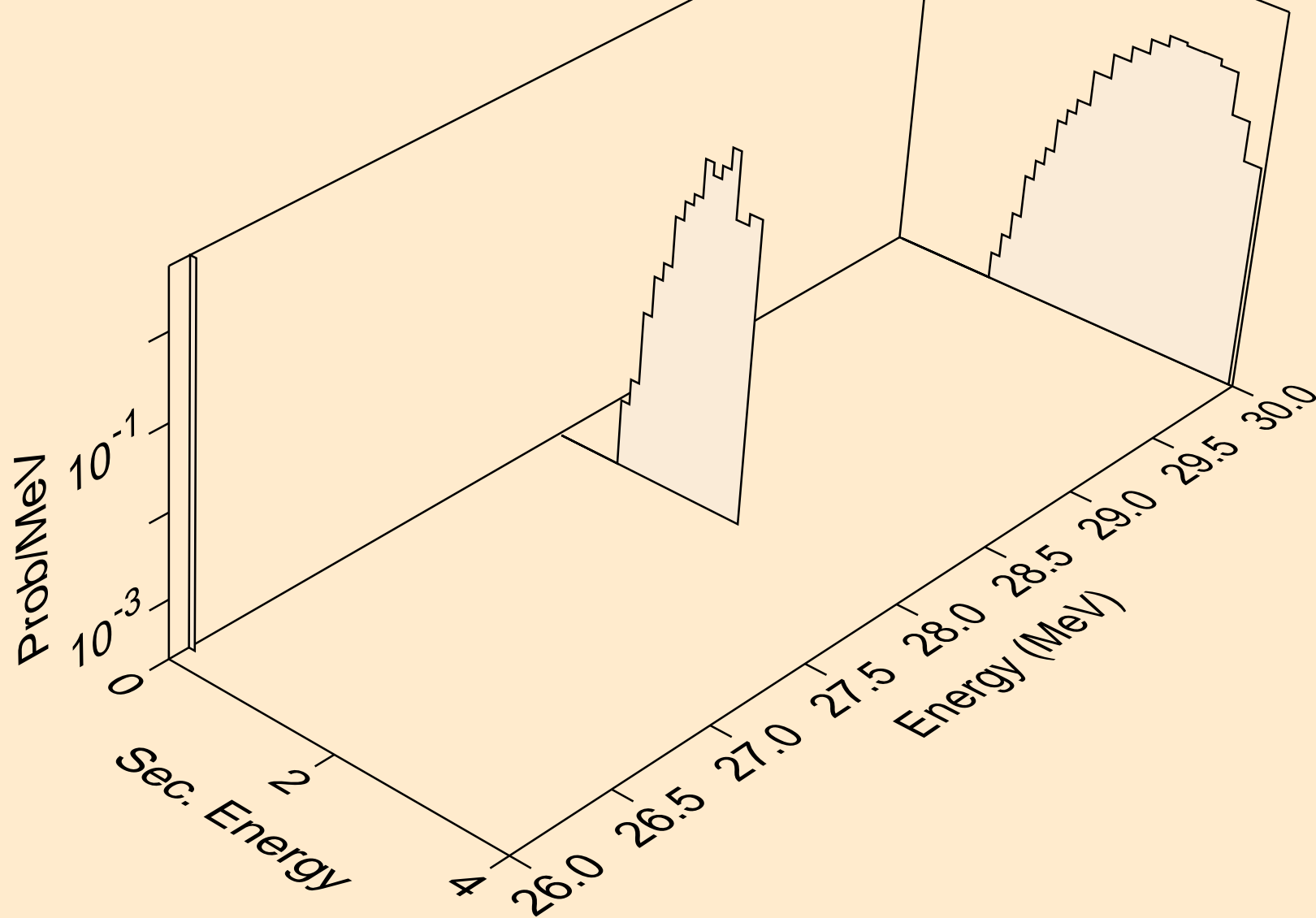
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protons from (n,pt)



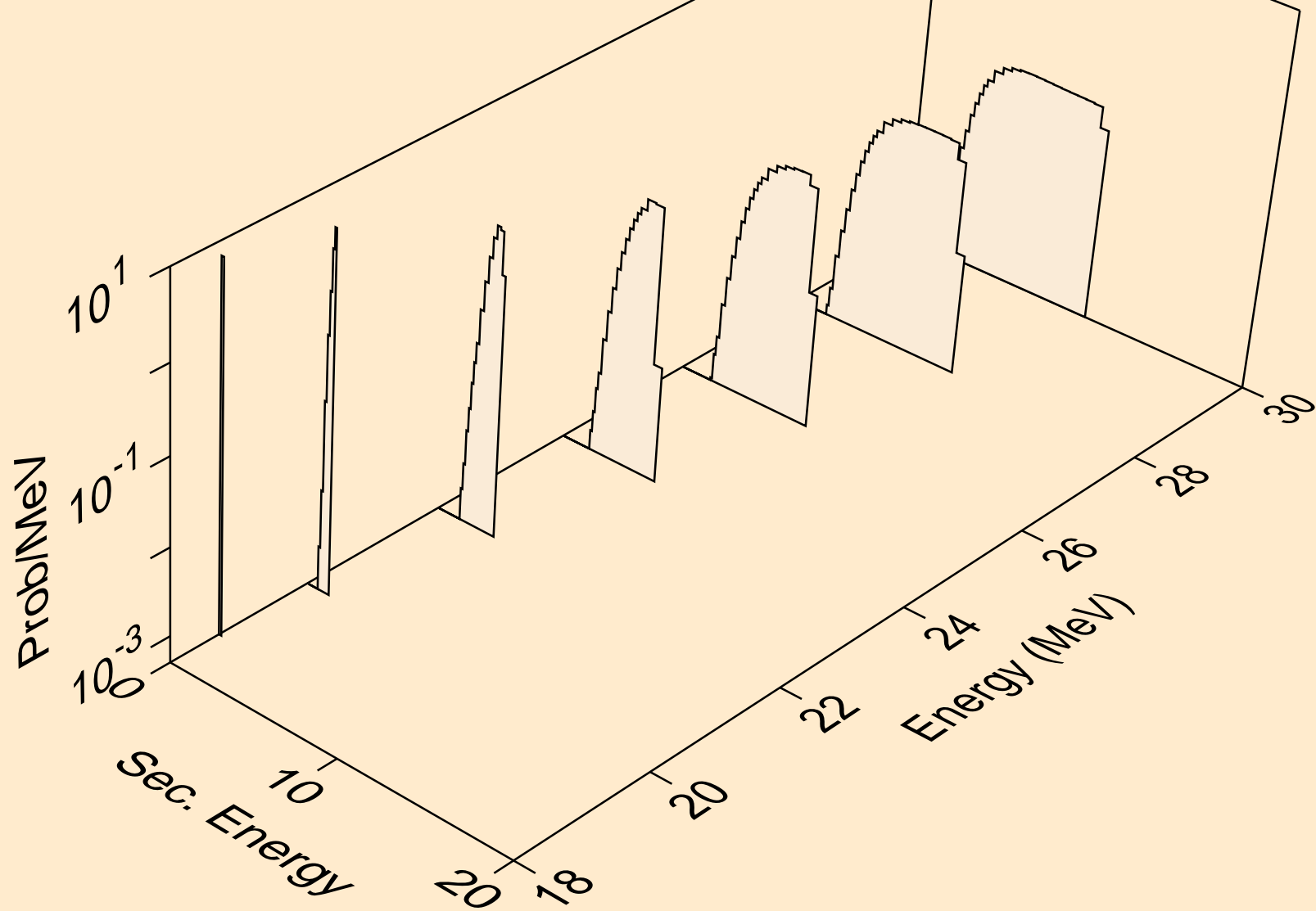
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deuterons from (n,x)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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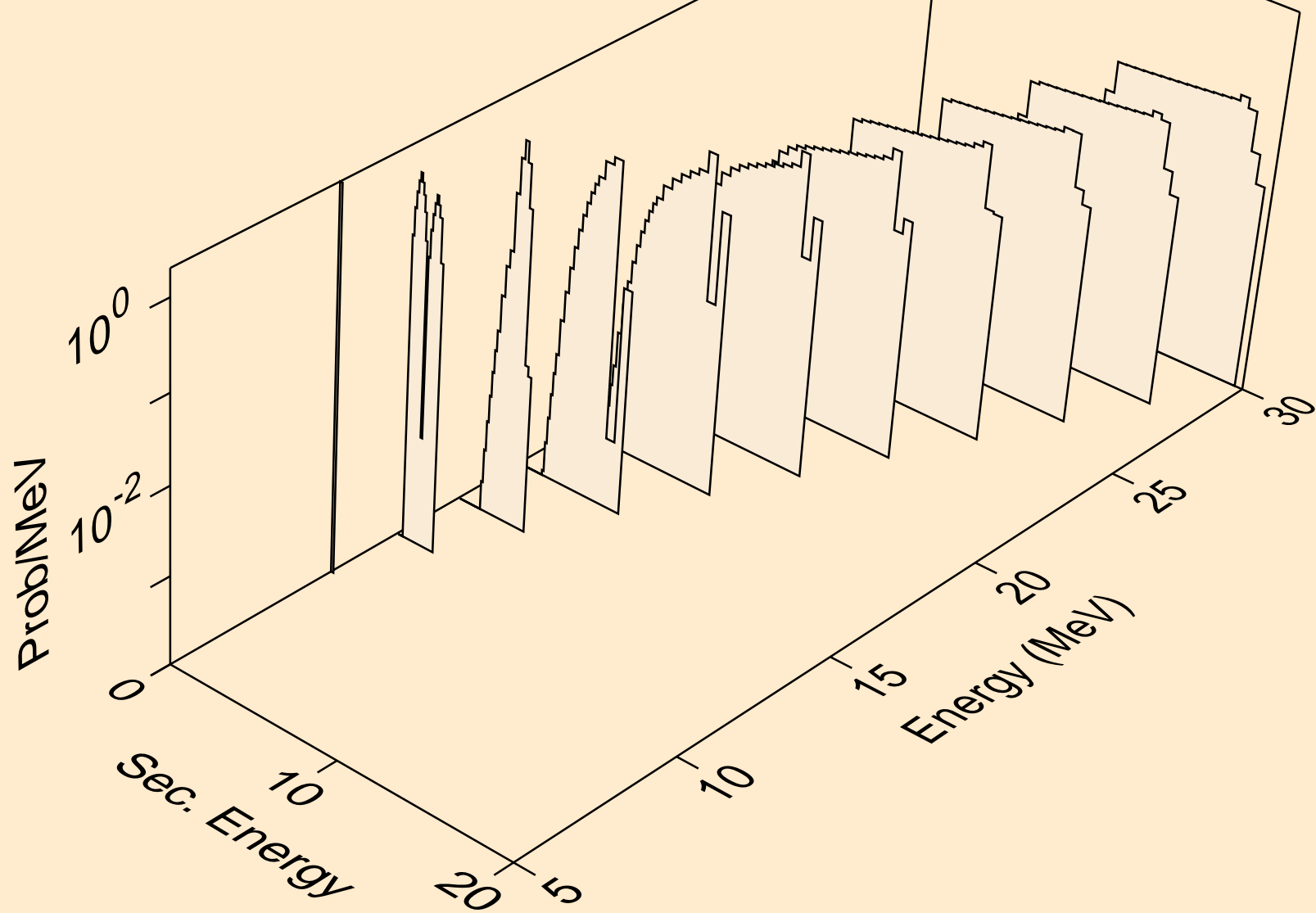


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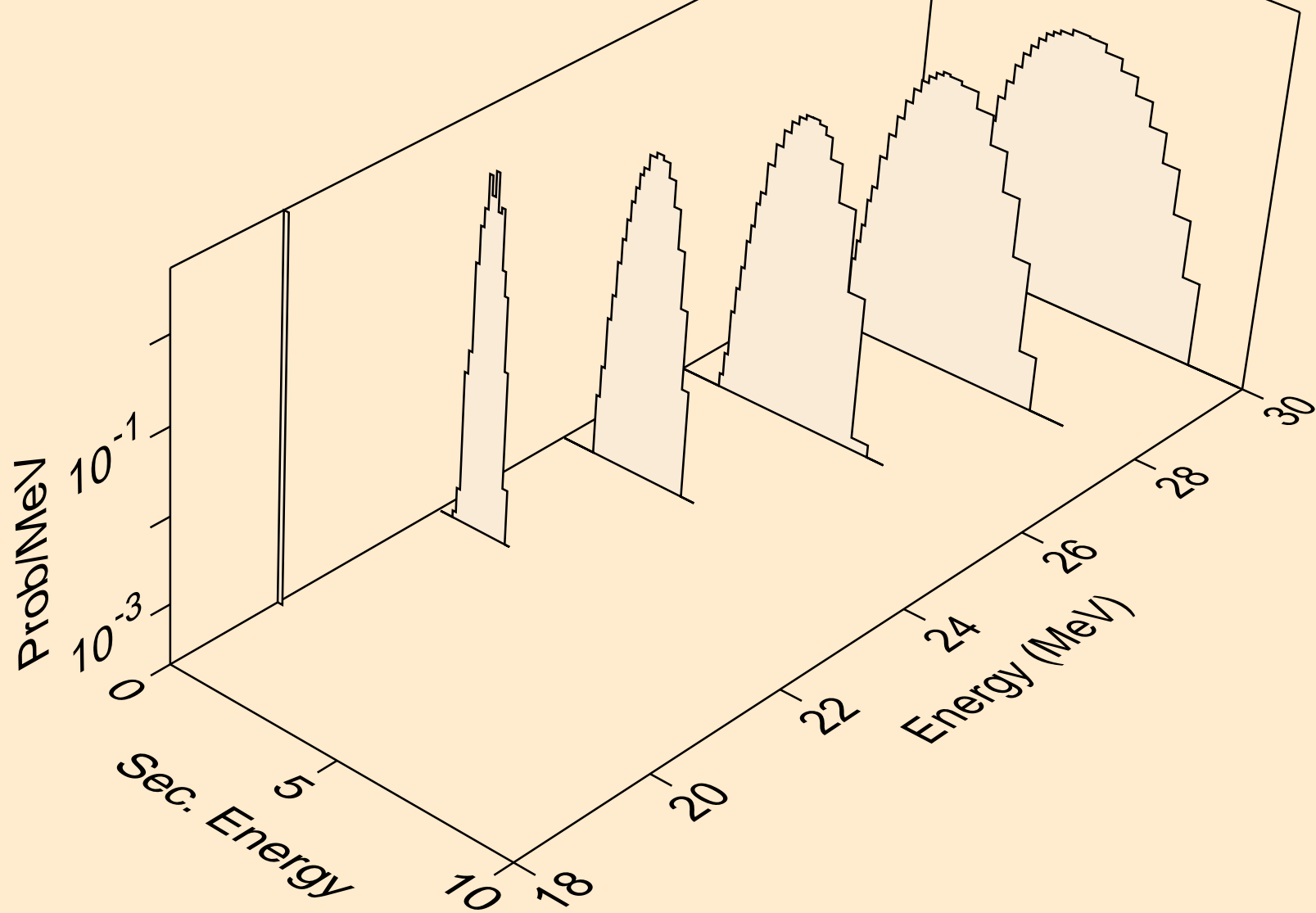




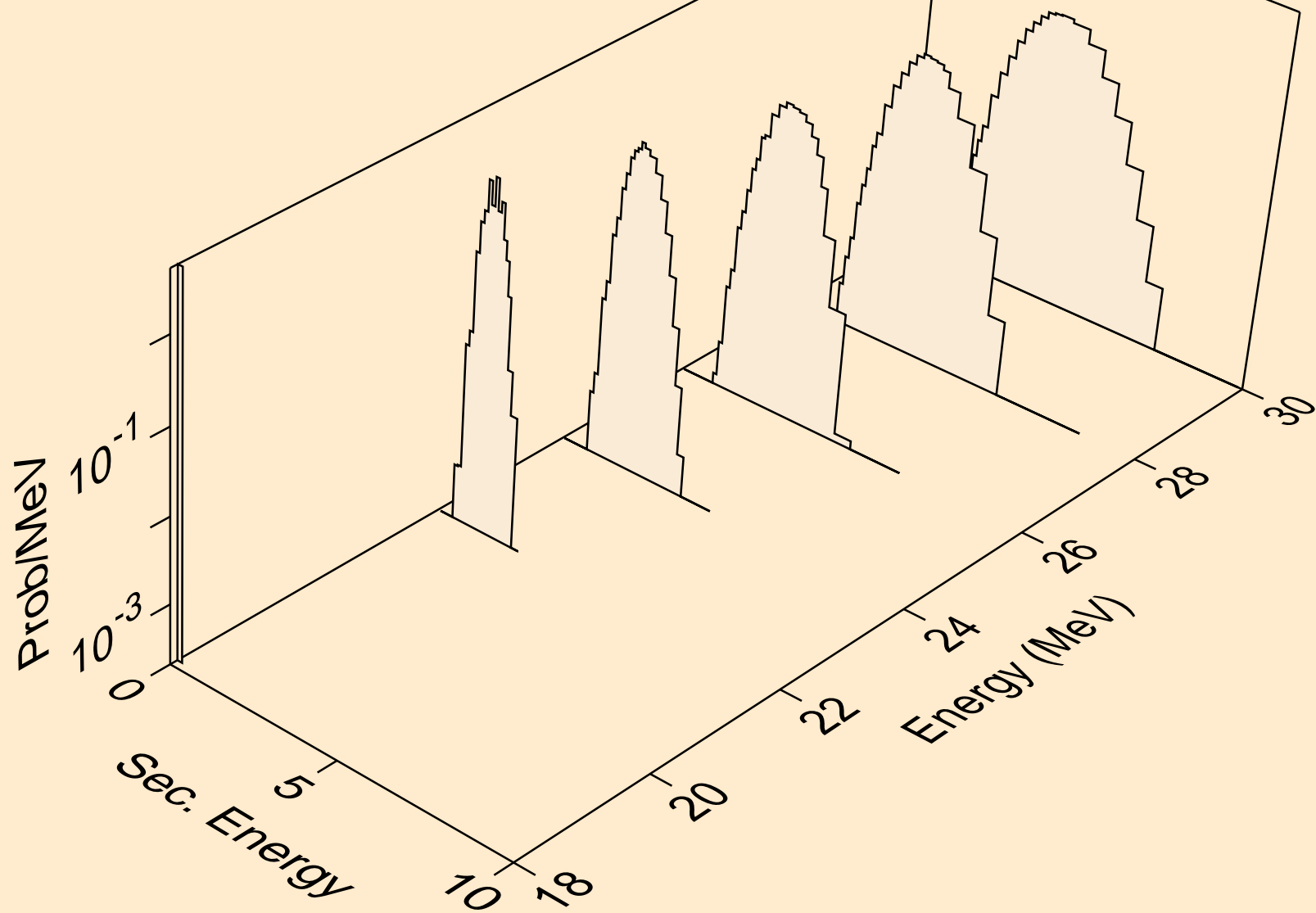
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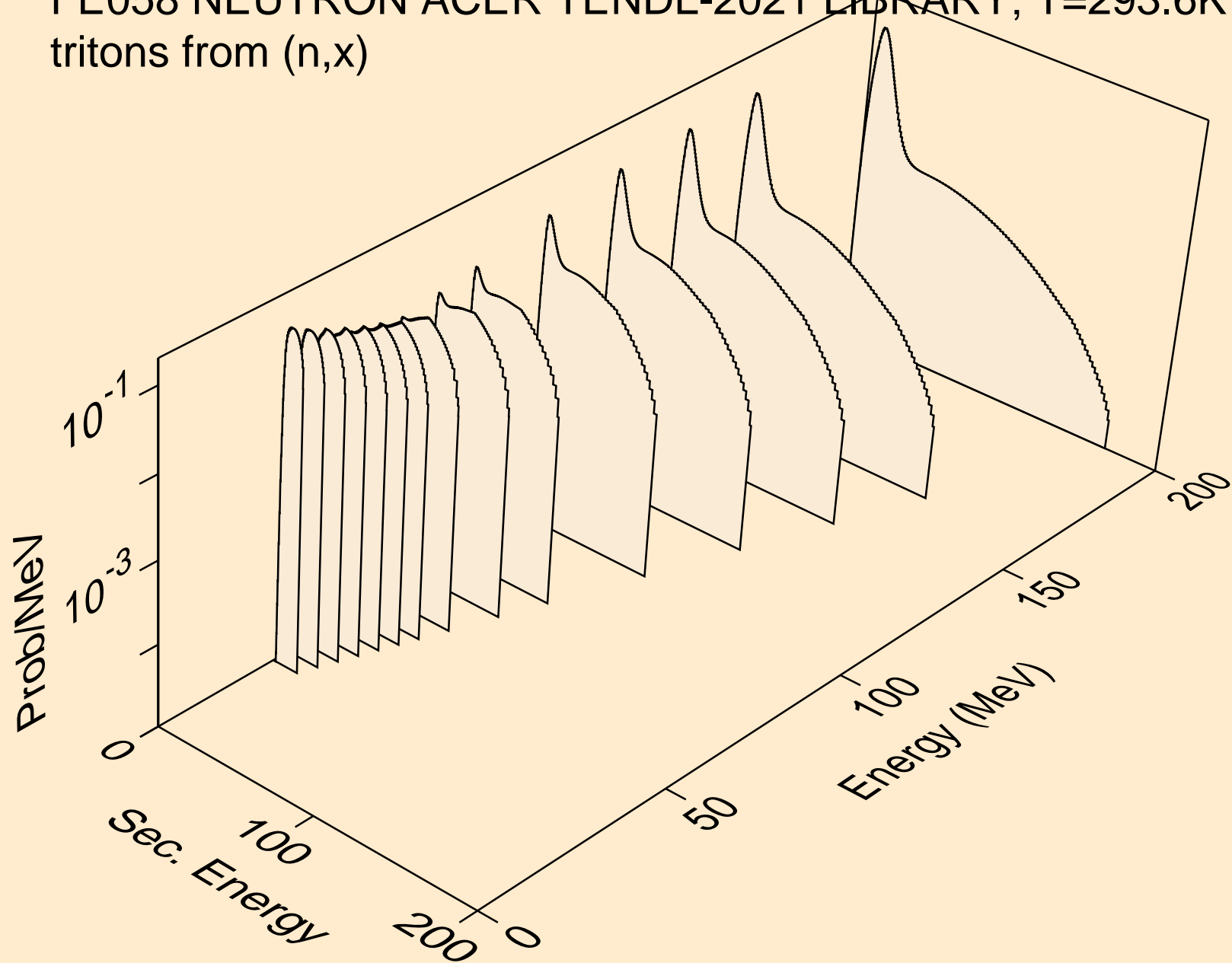
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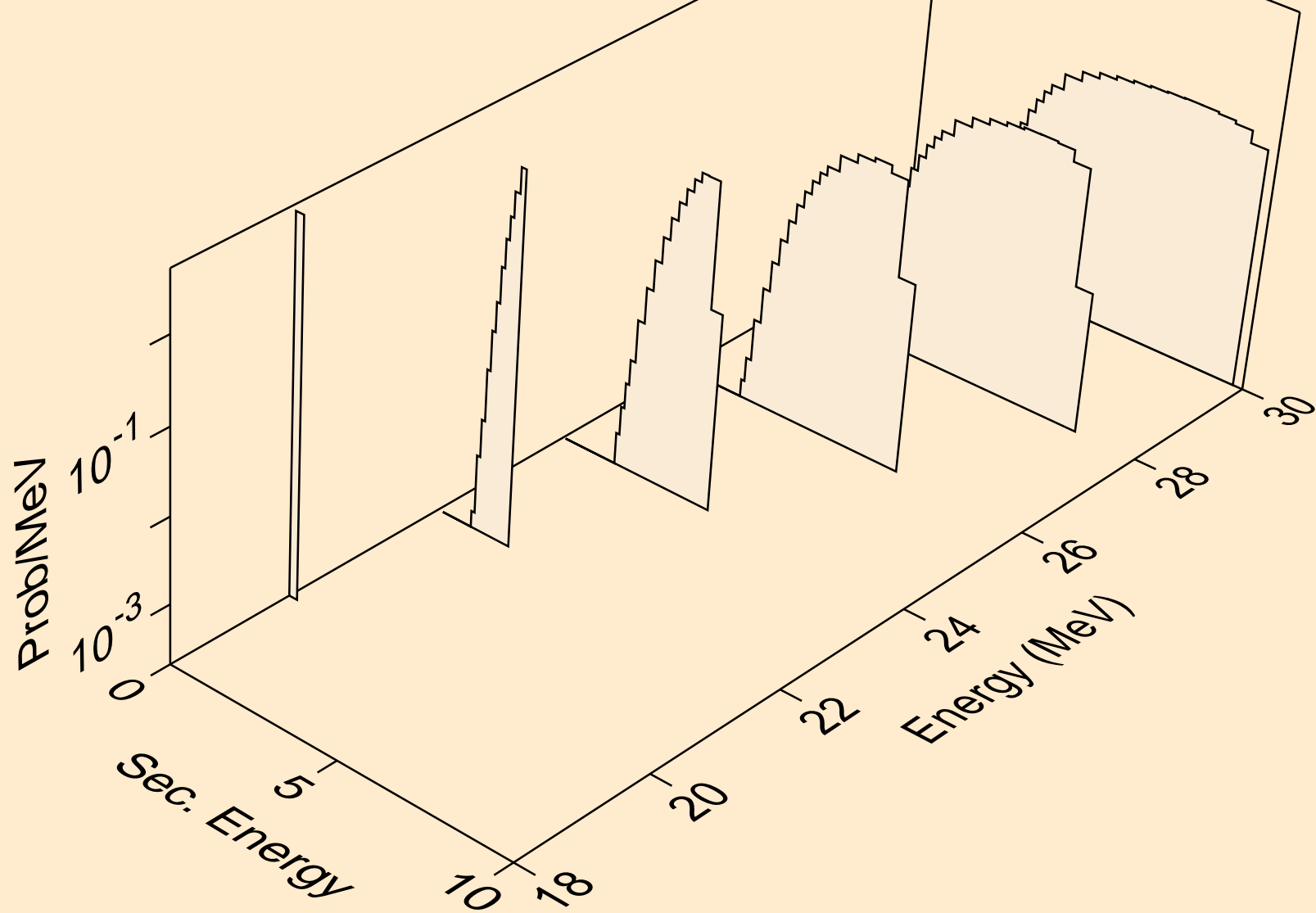
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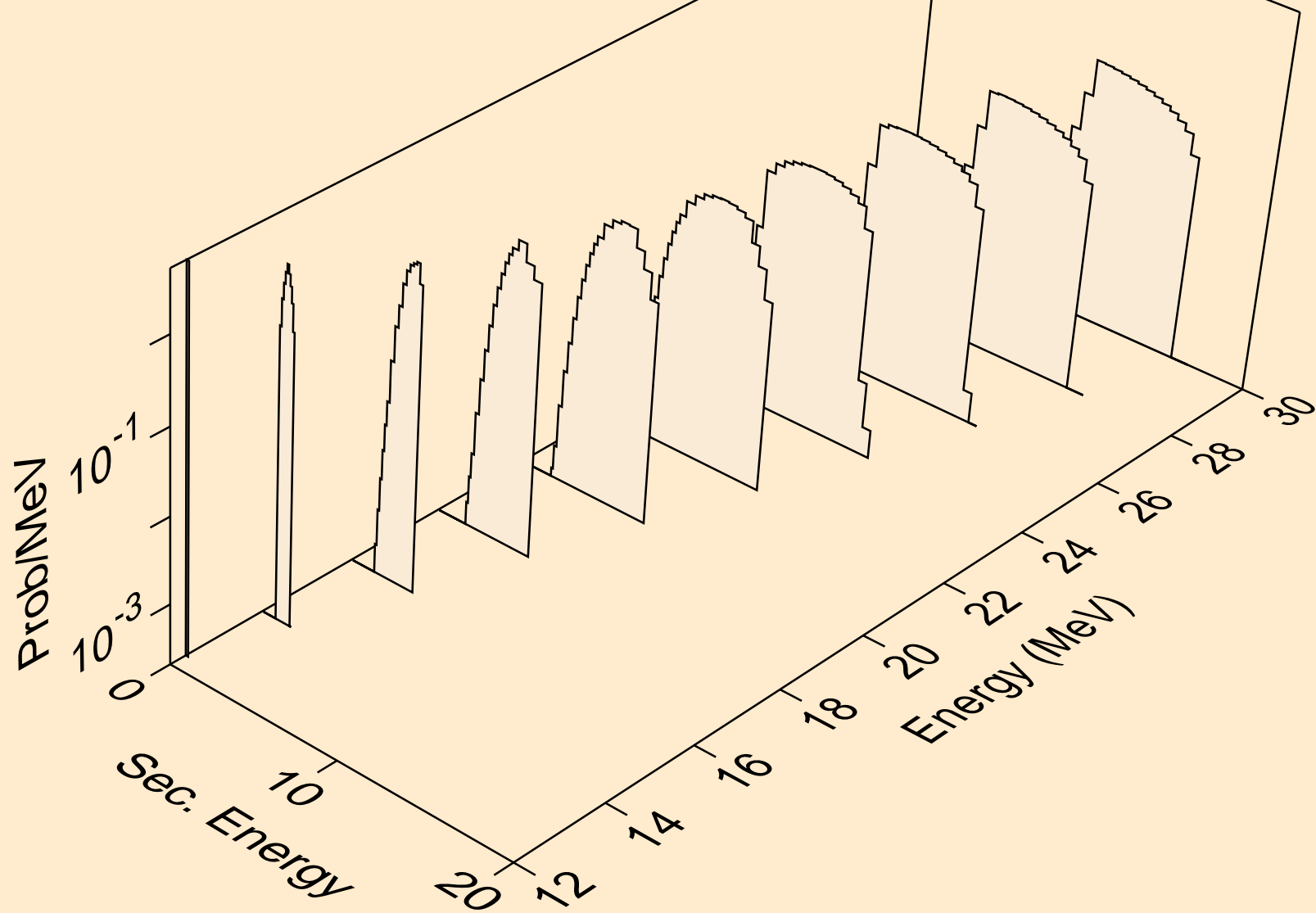
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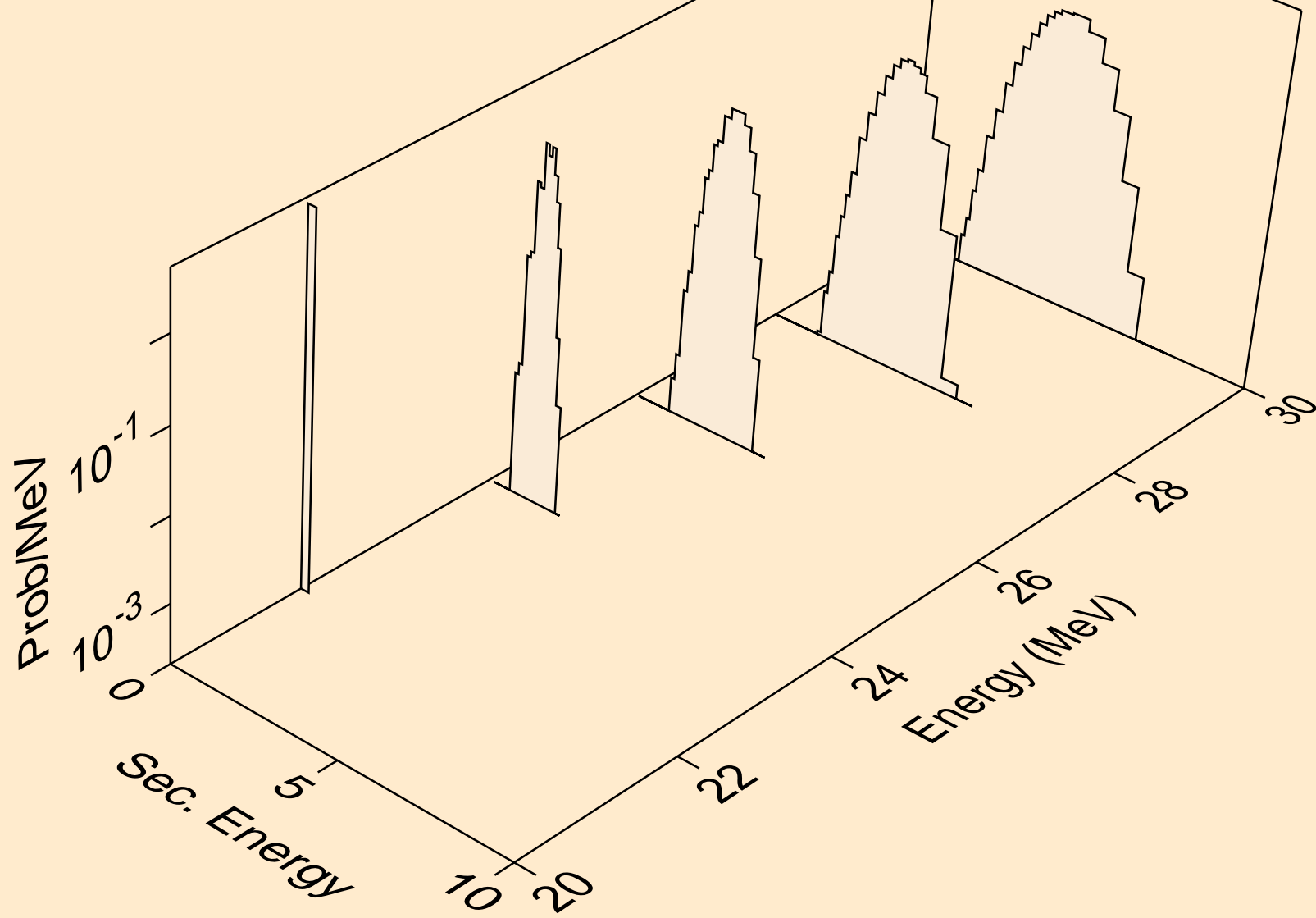
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tritons from (n,n\*)t



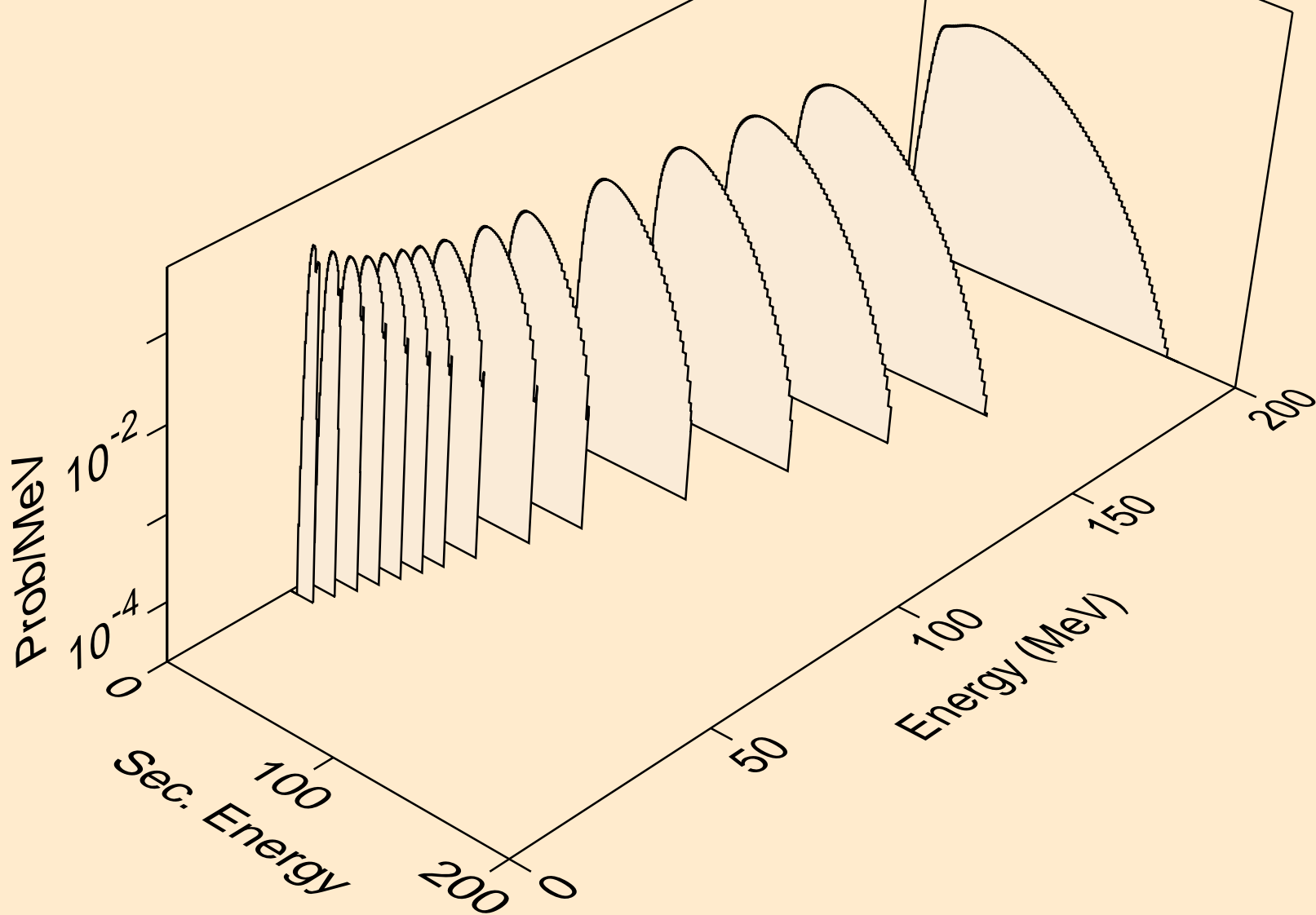
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)

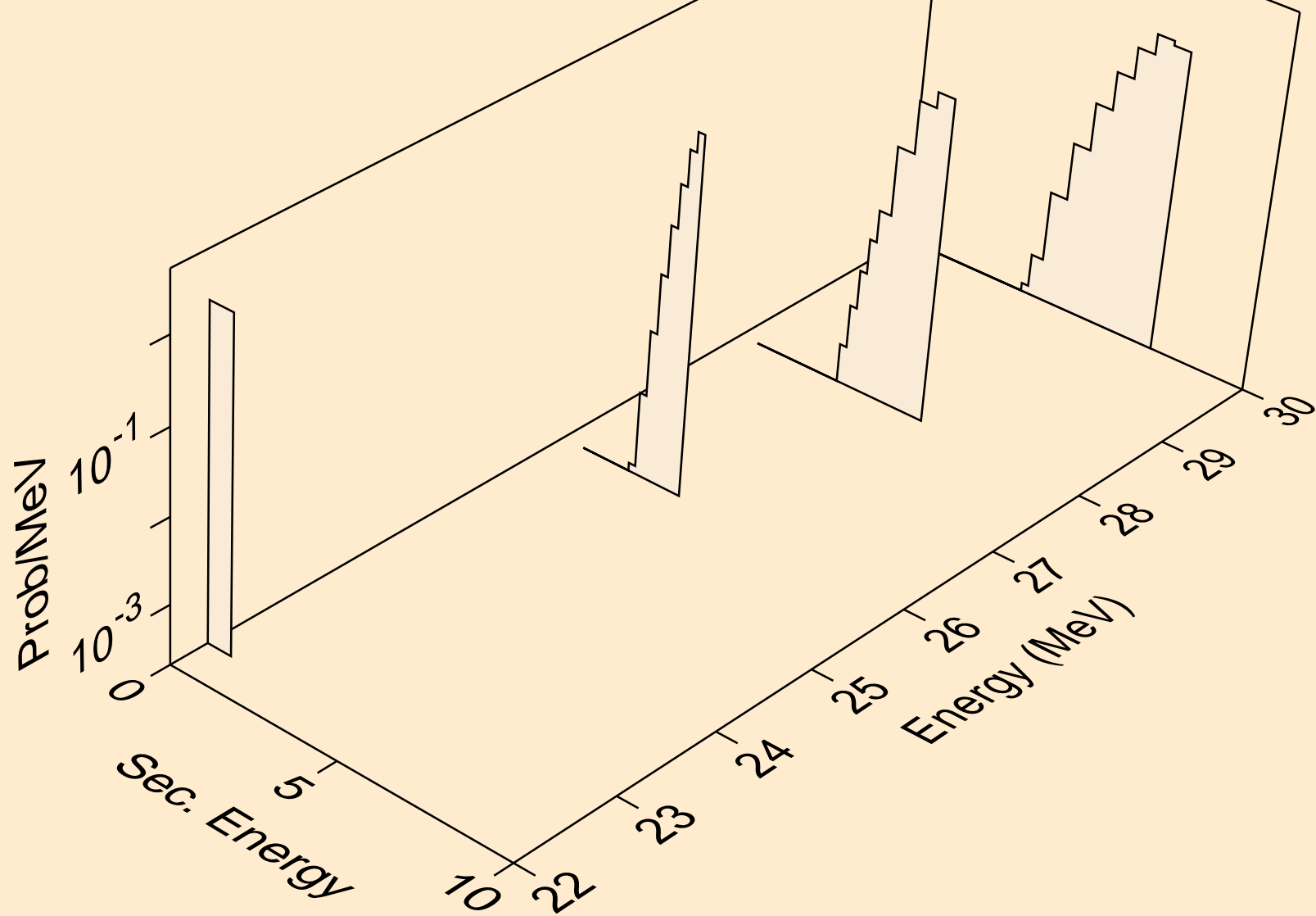


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

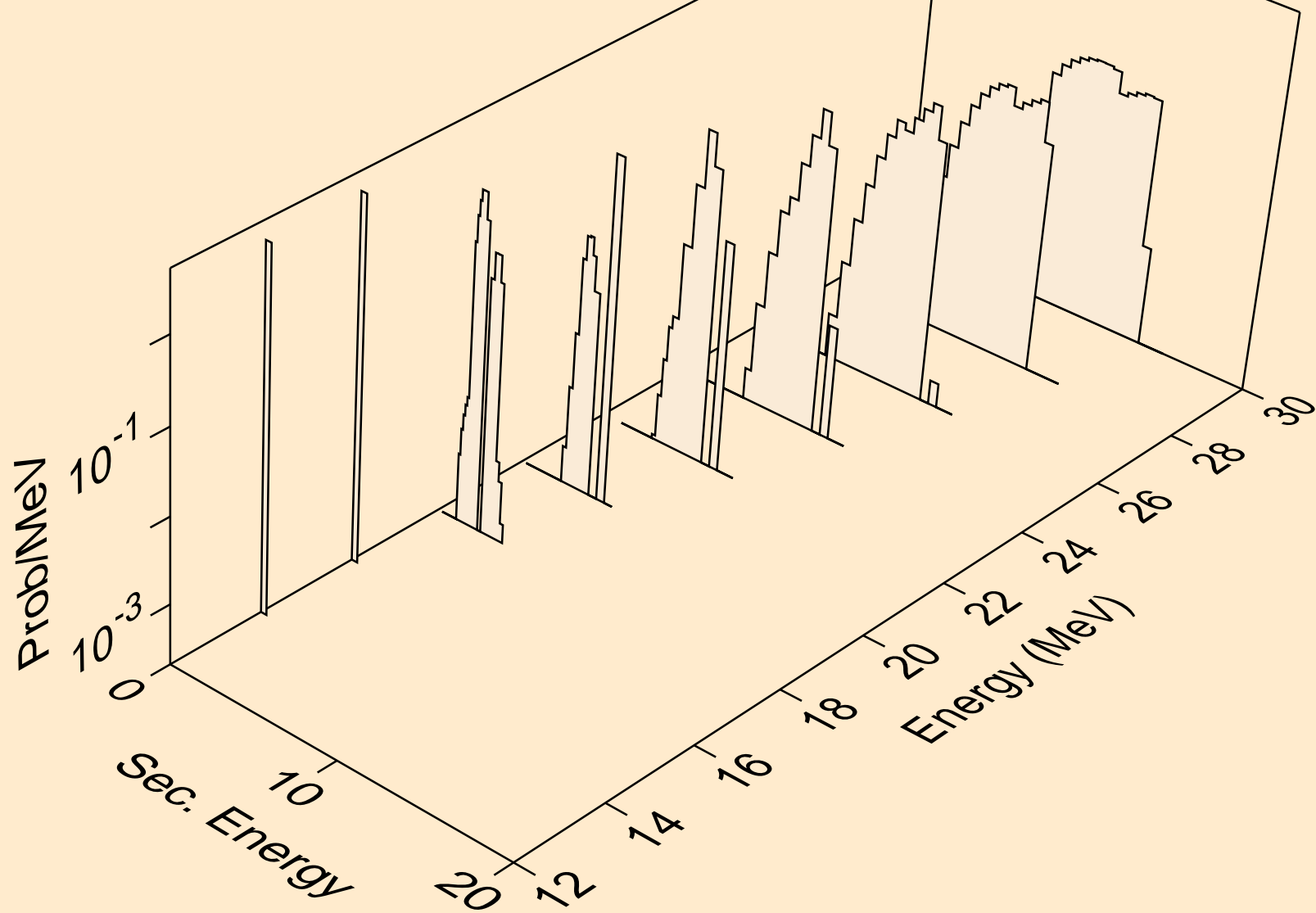




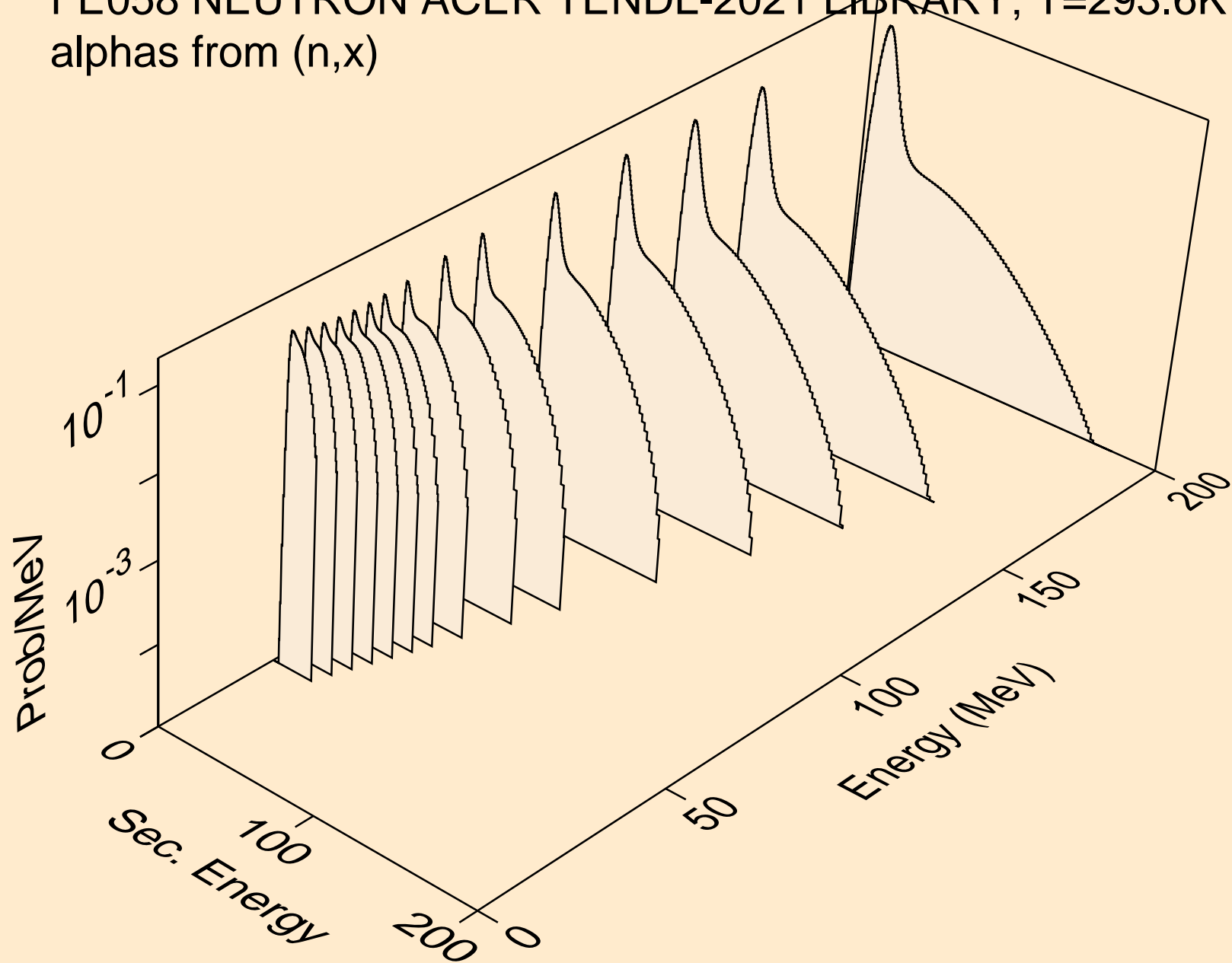
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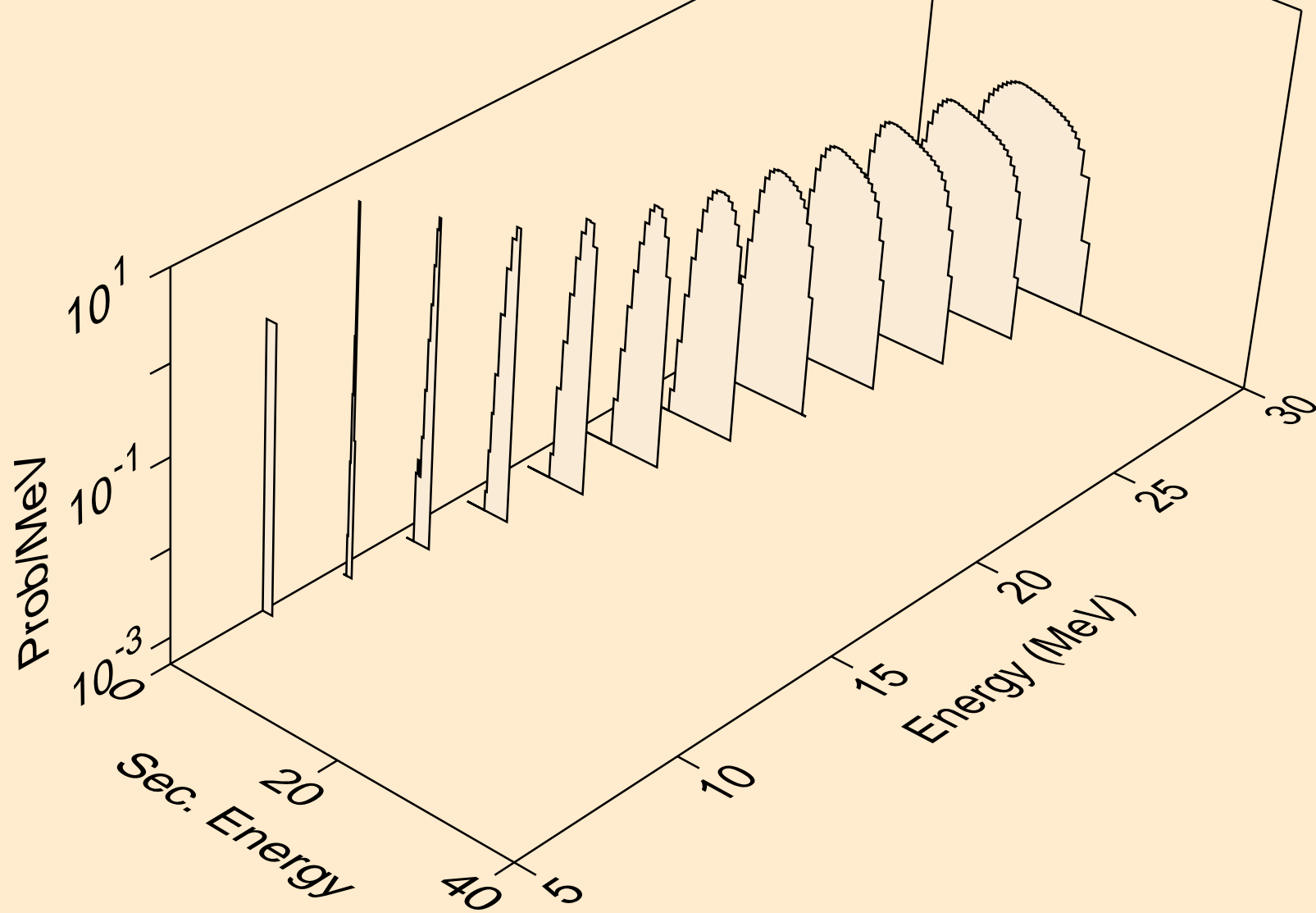
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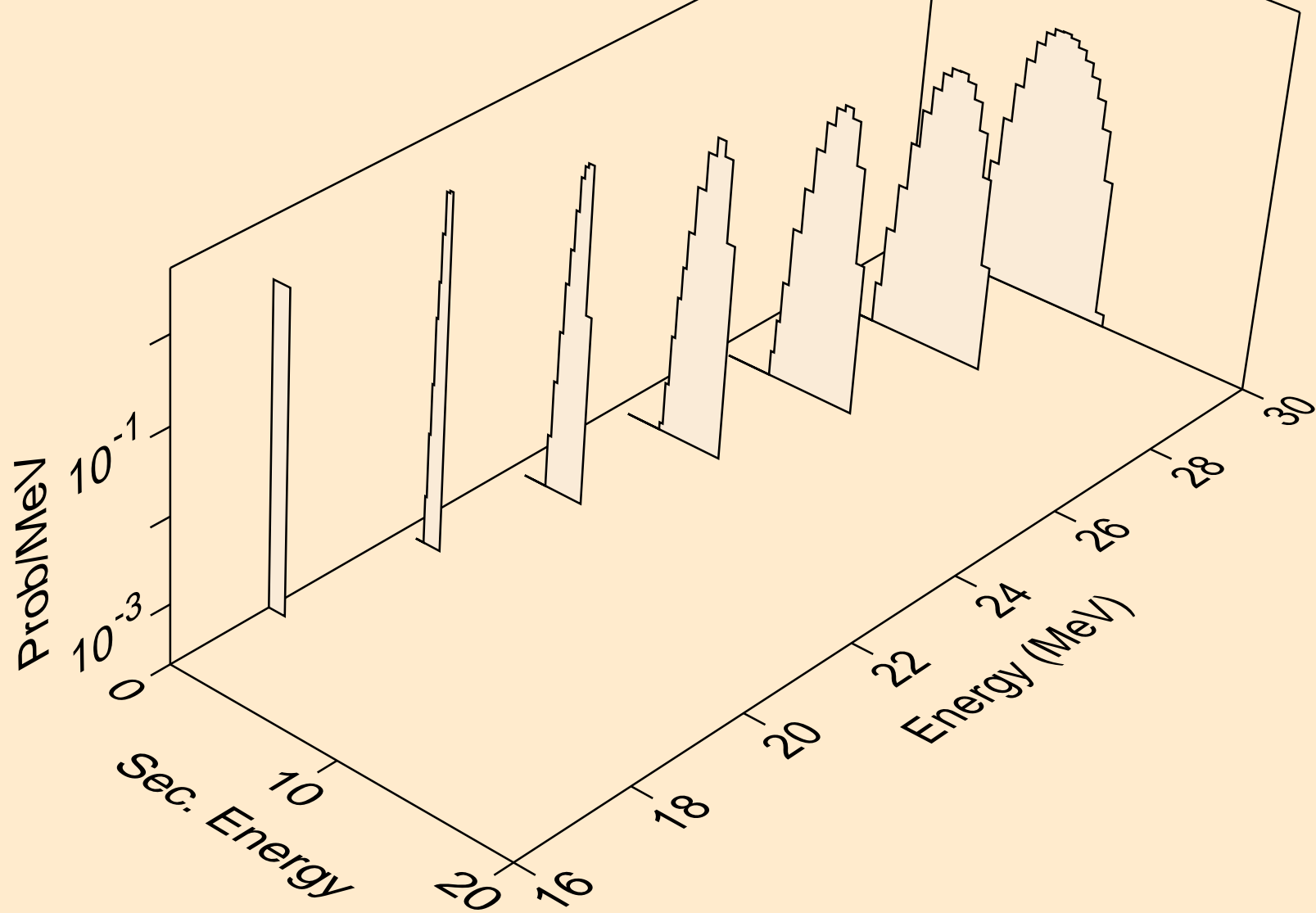
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



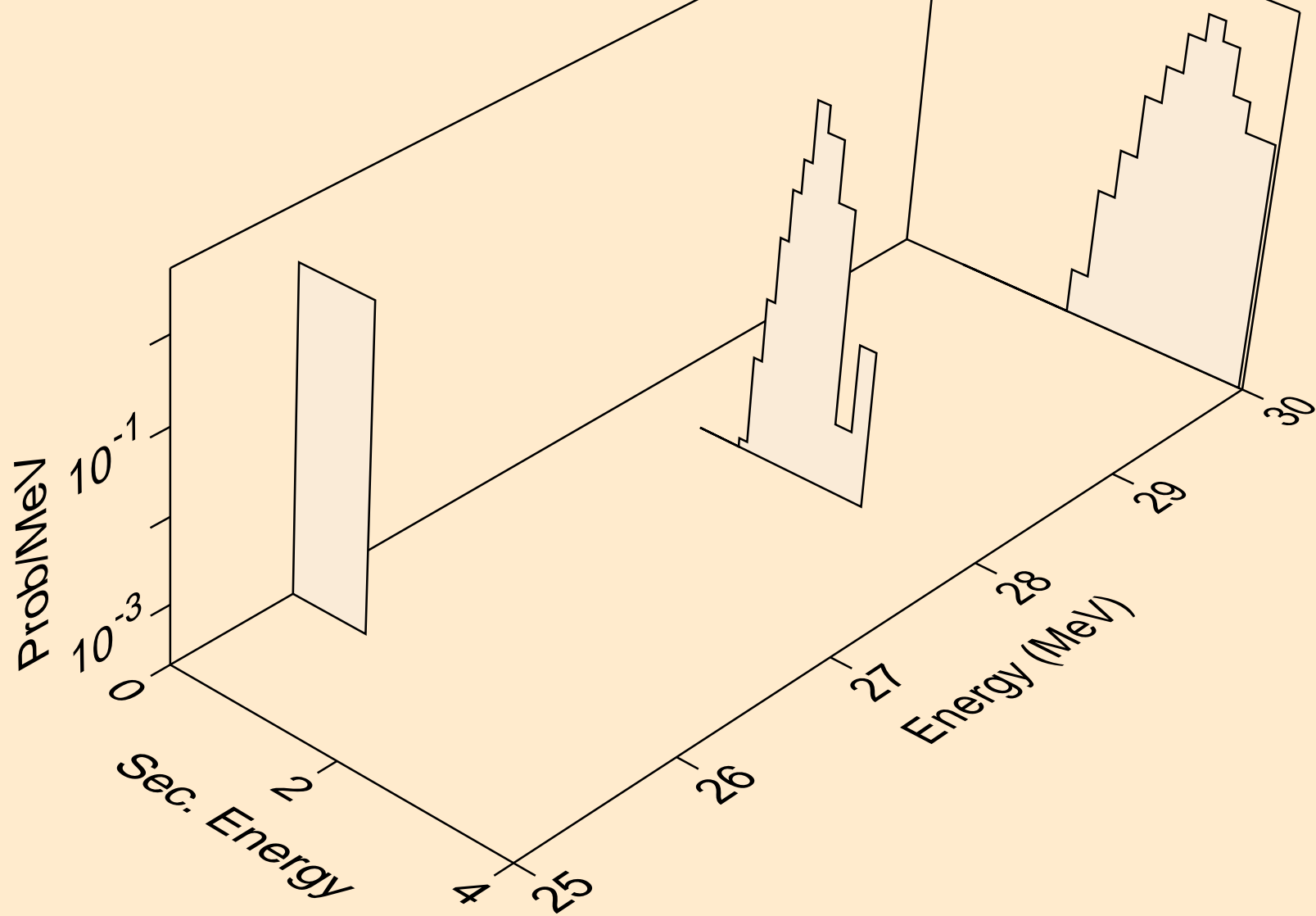
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



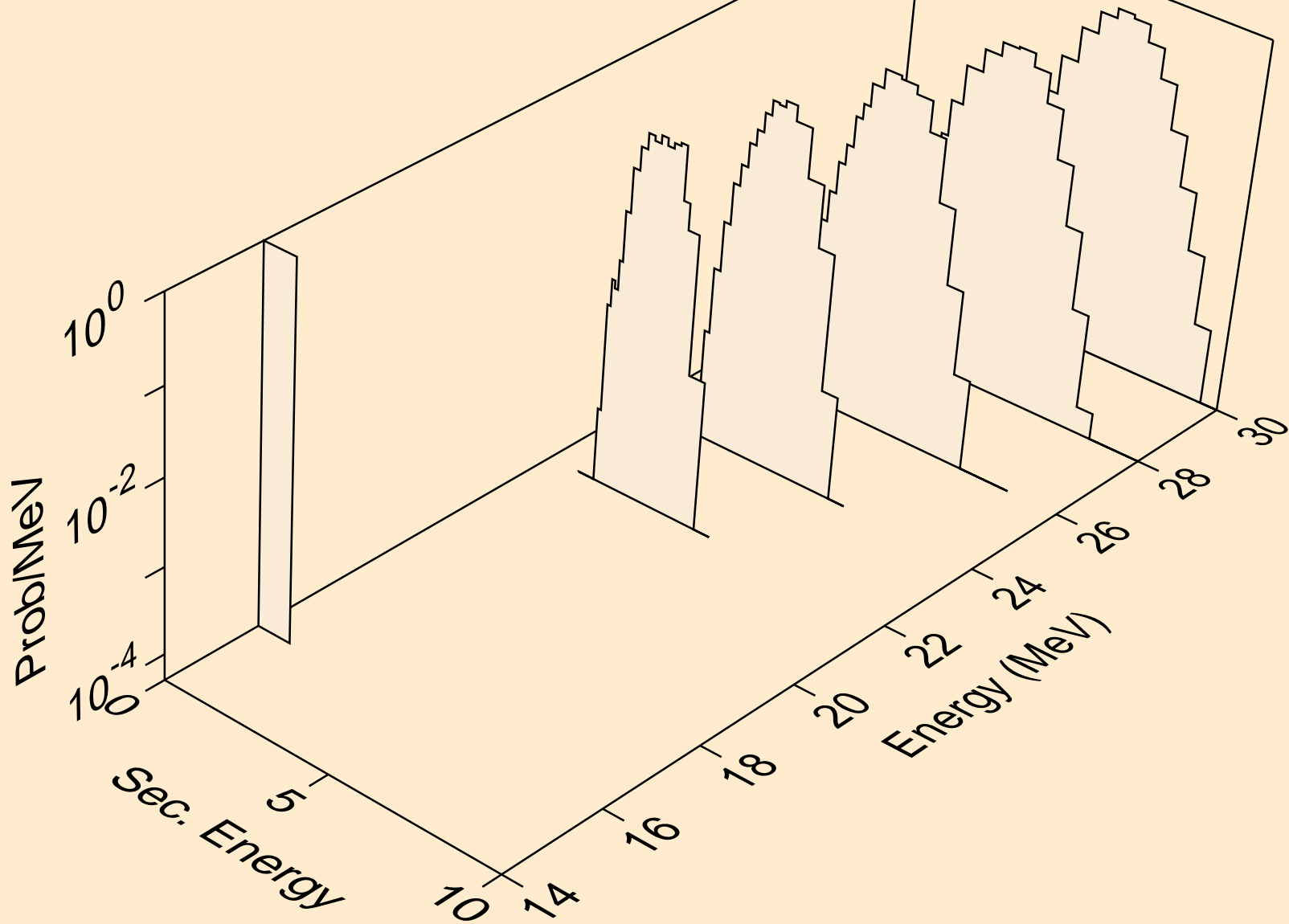
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alphas from (n,2n)a



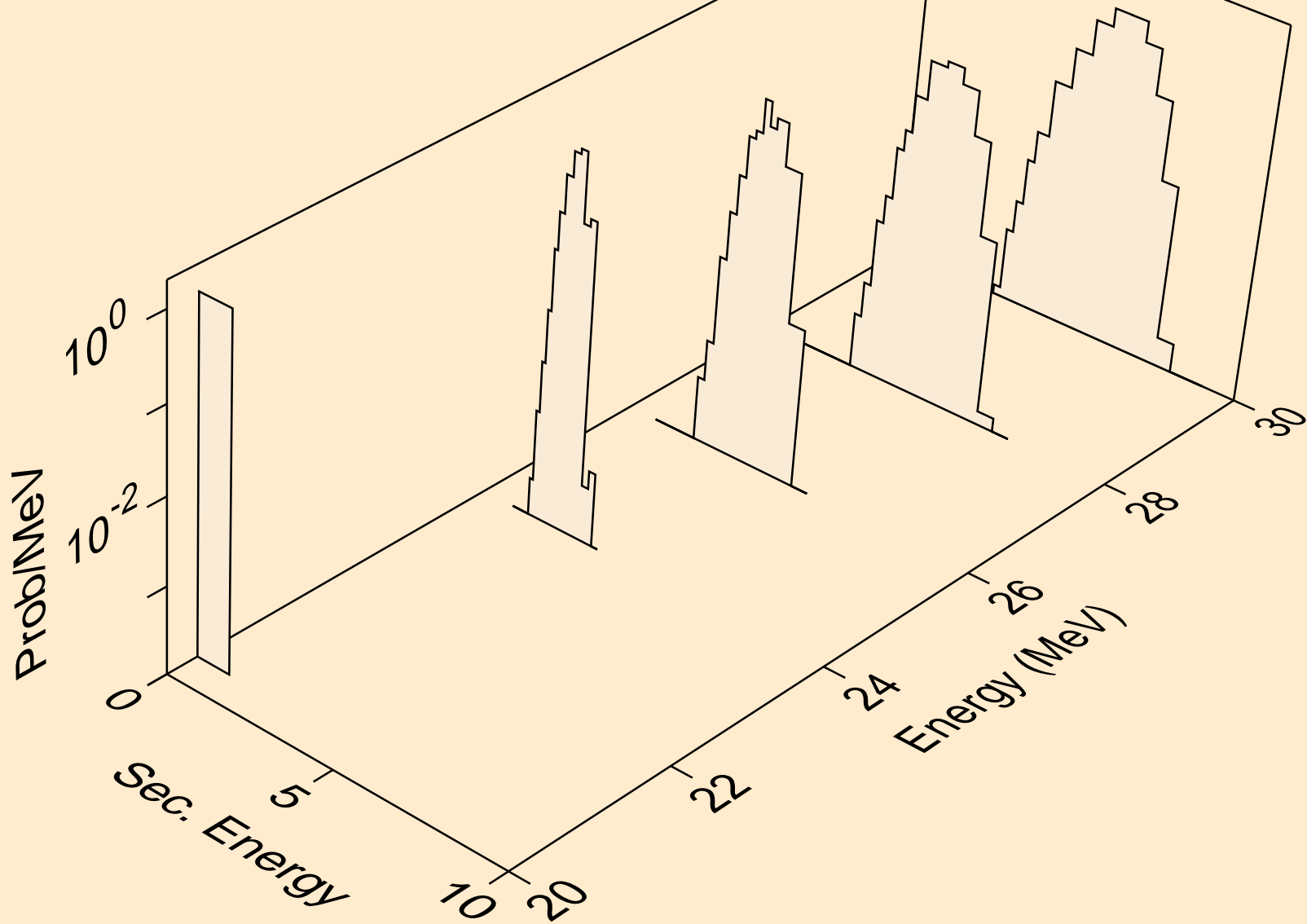
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

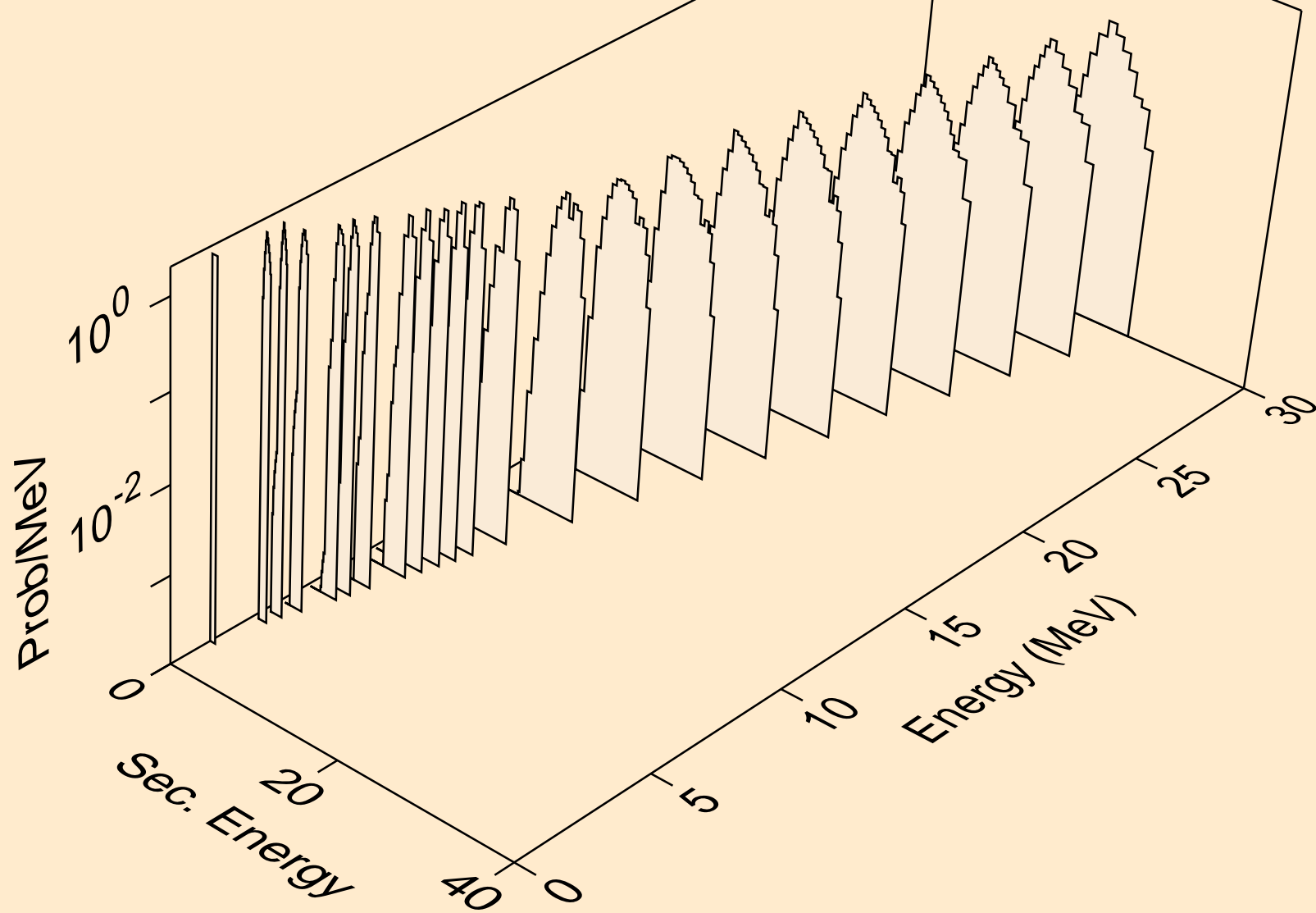


FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

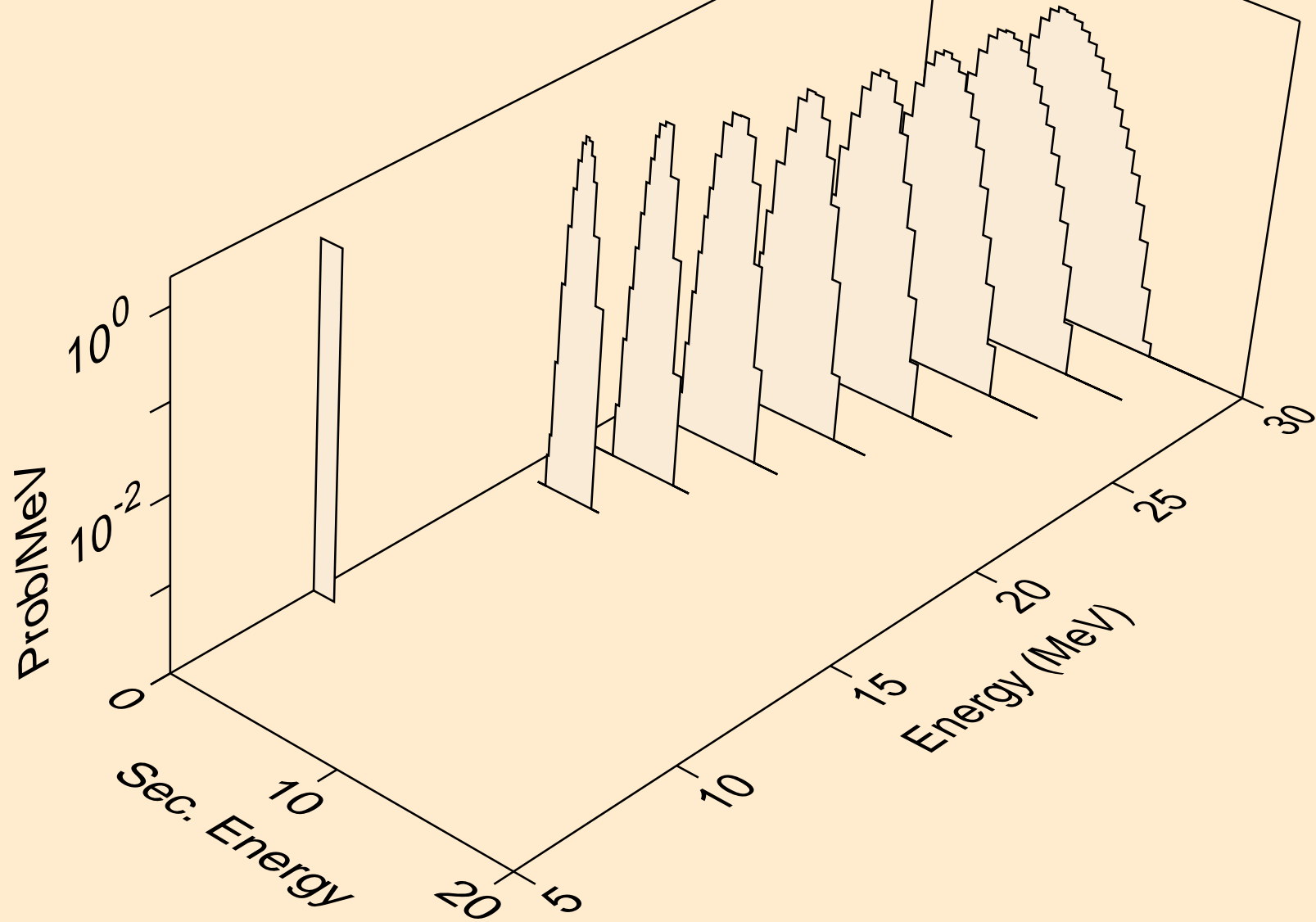




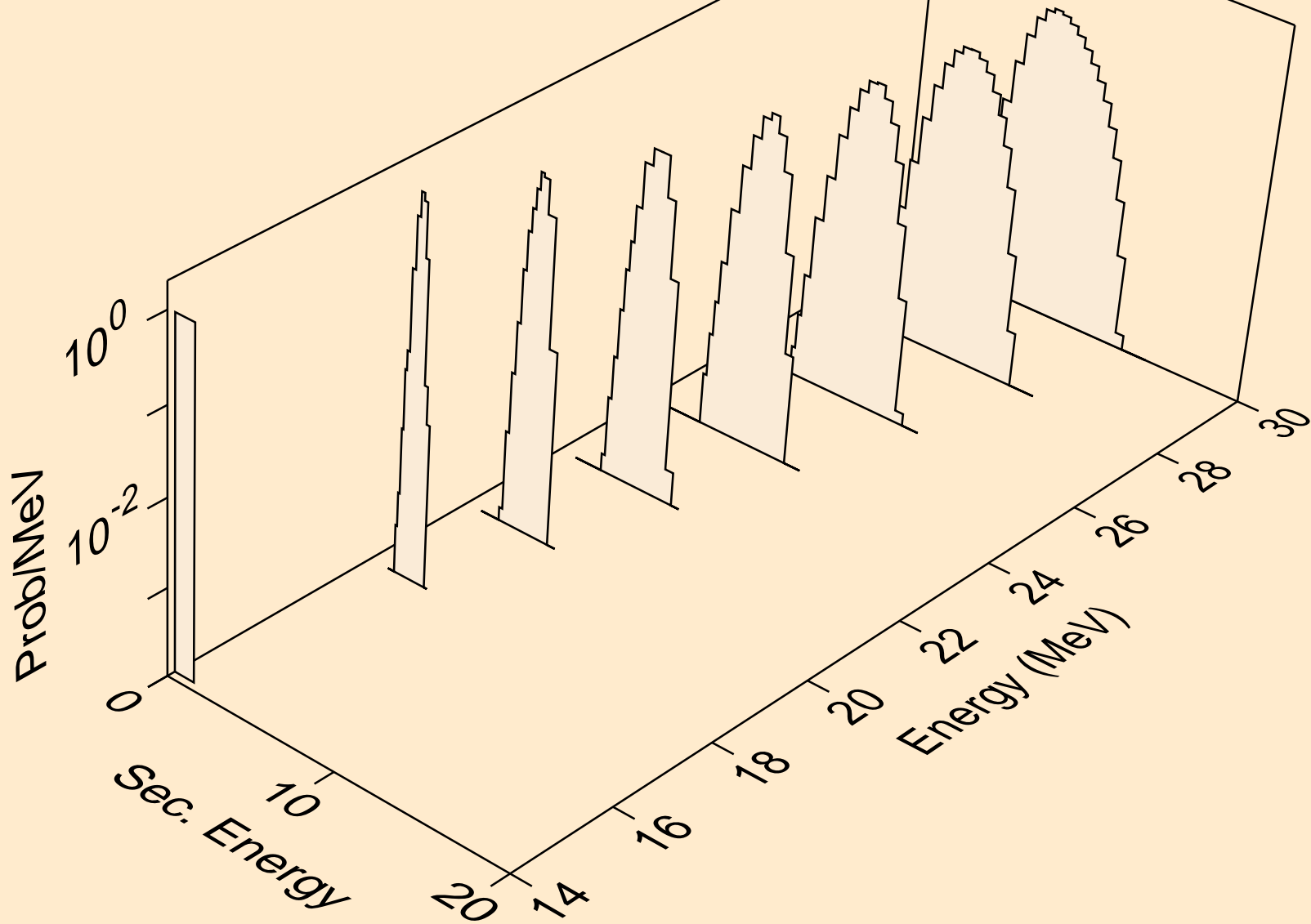
FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



FE058 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

