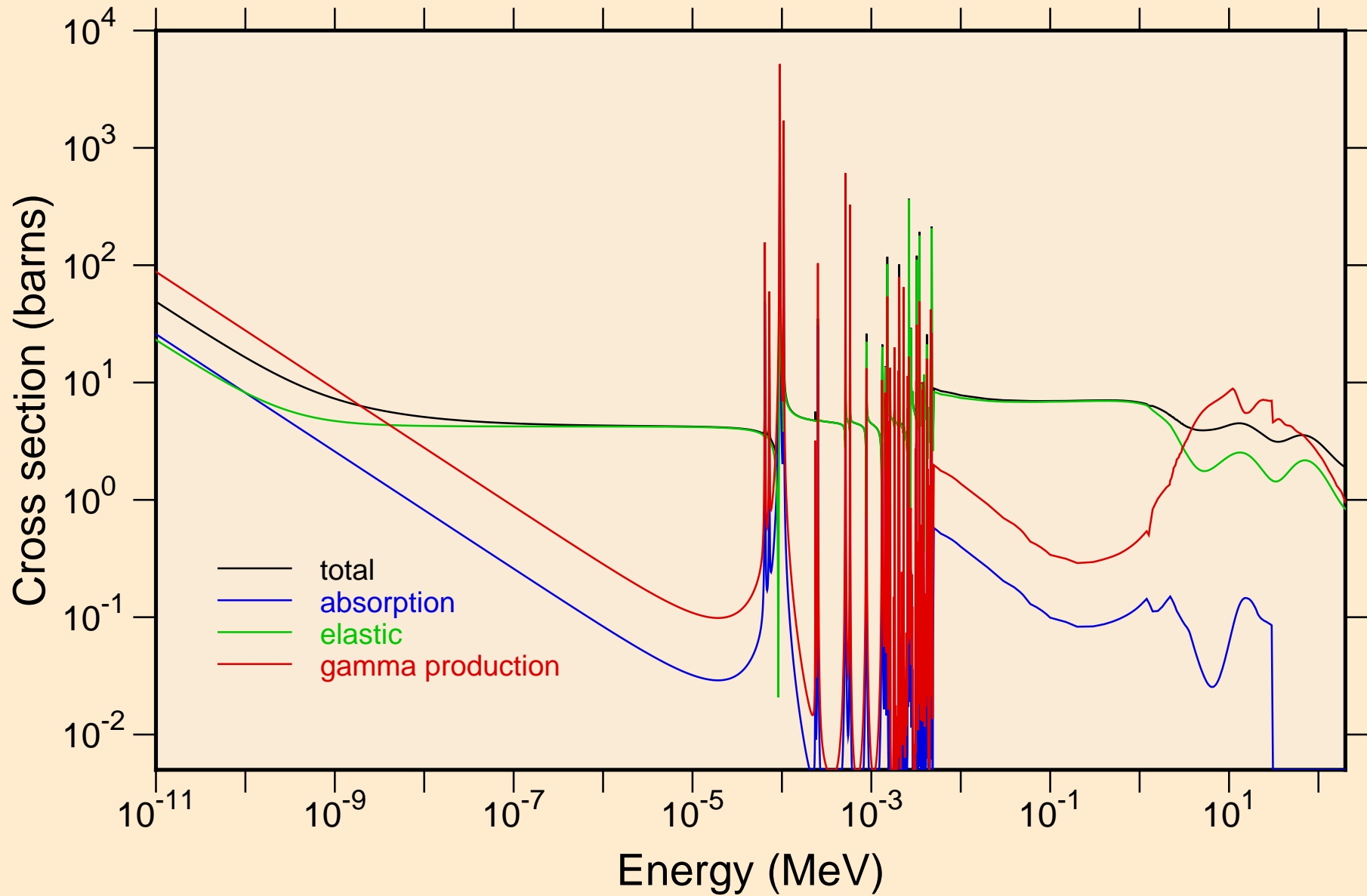
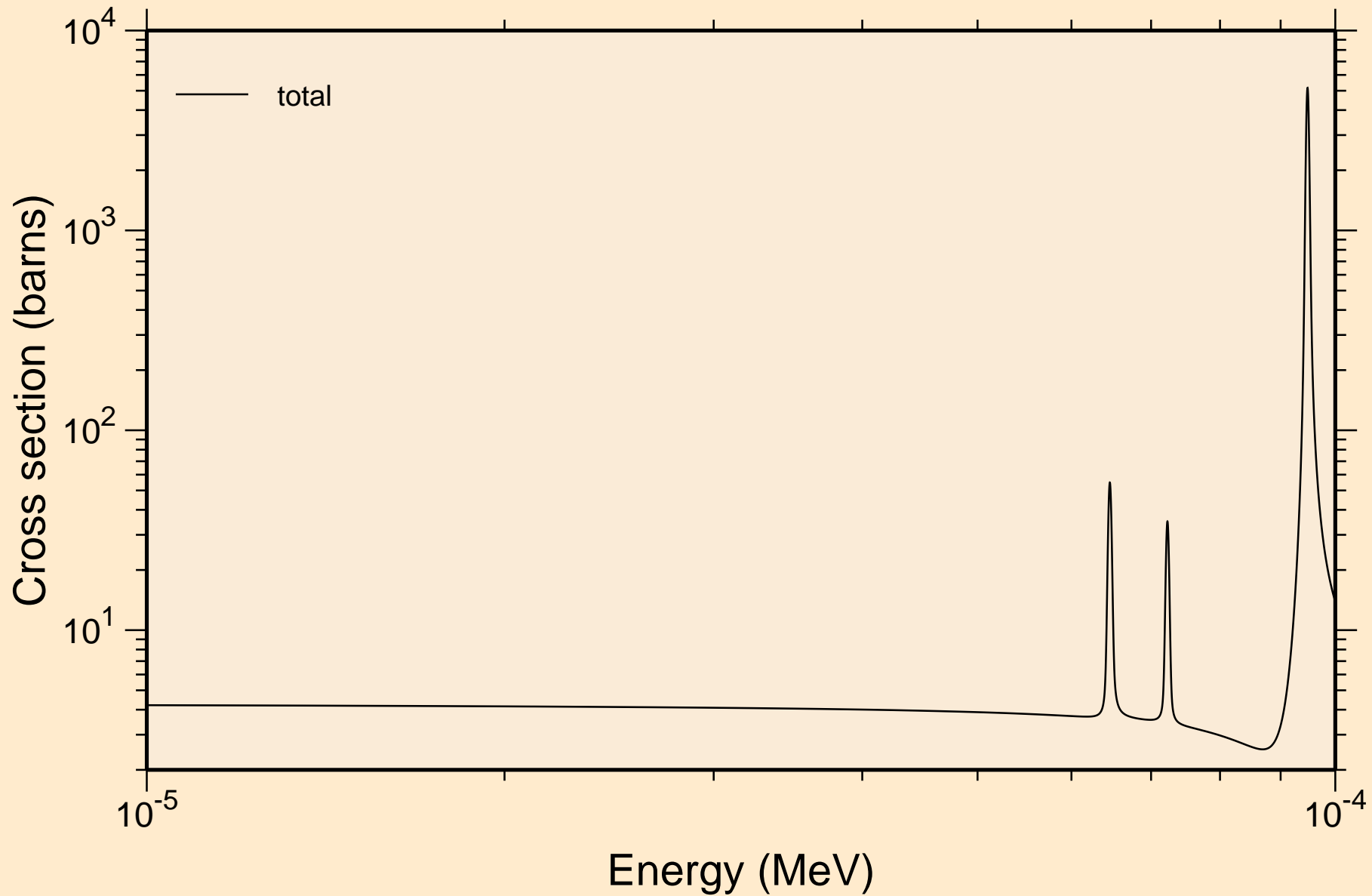


# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

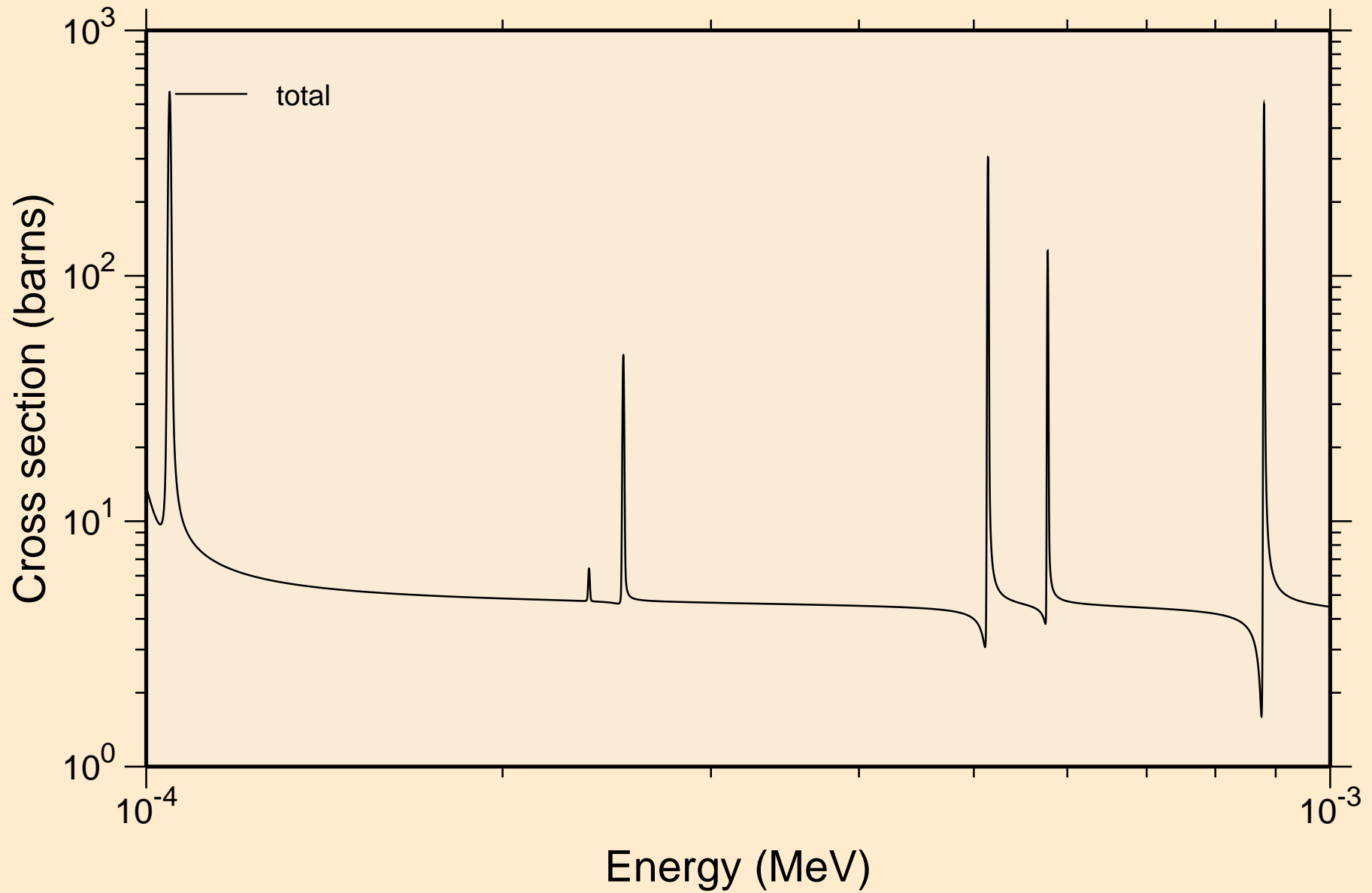
## Principal cross sections



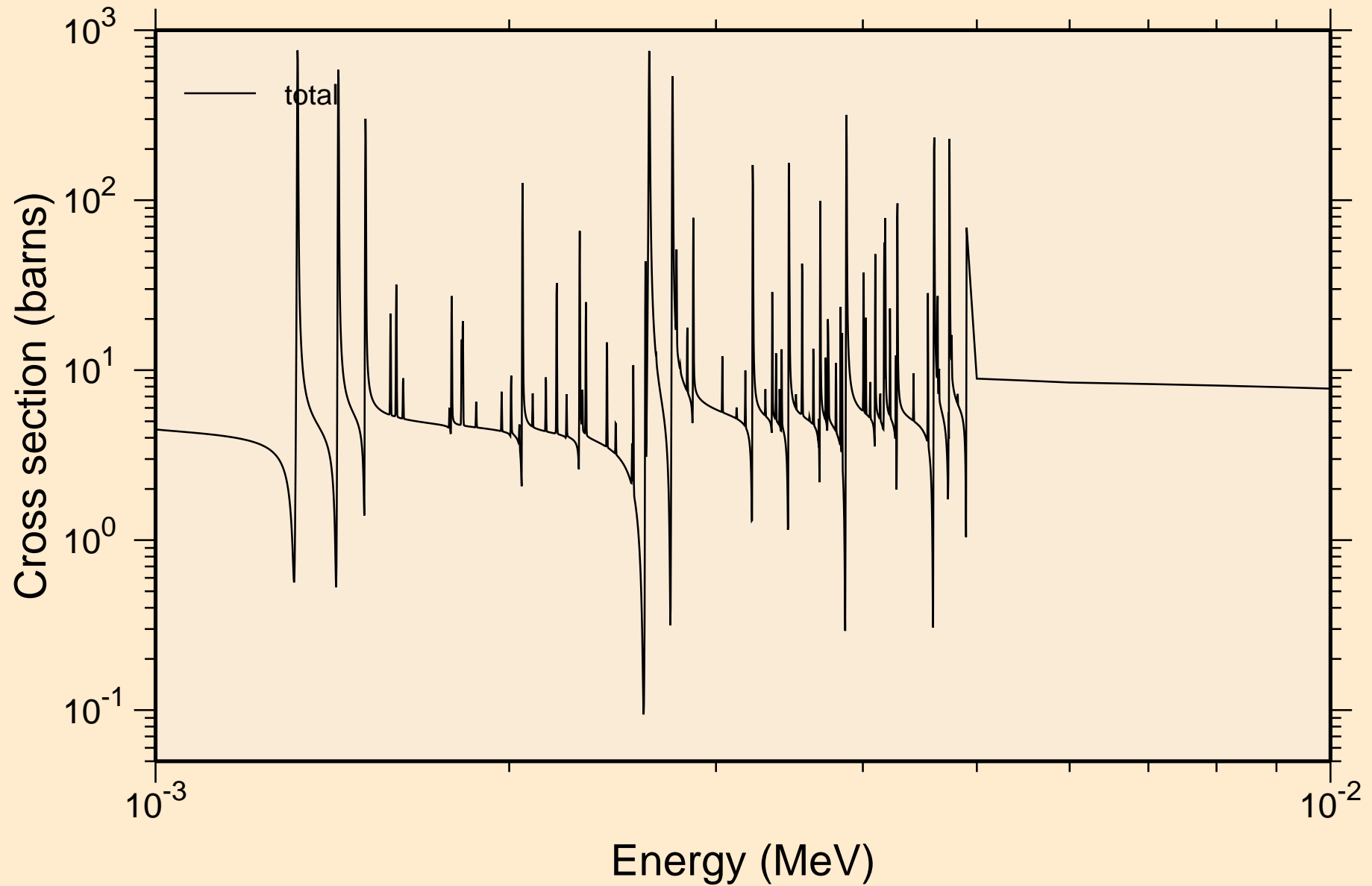
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



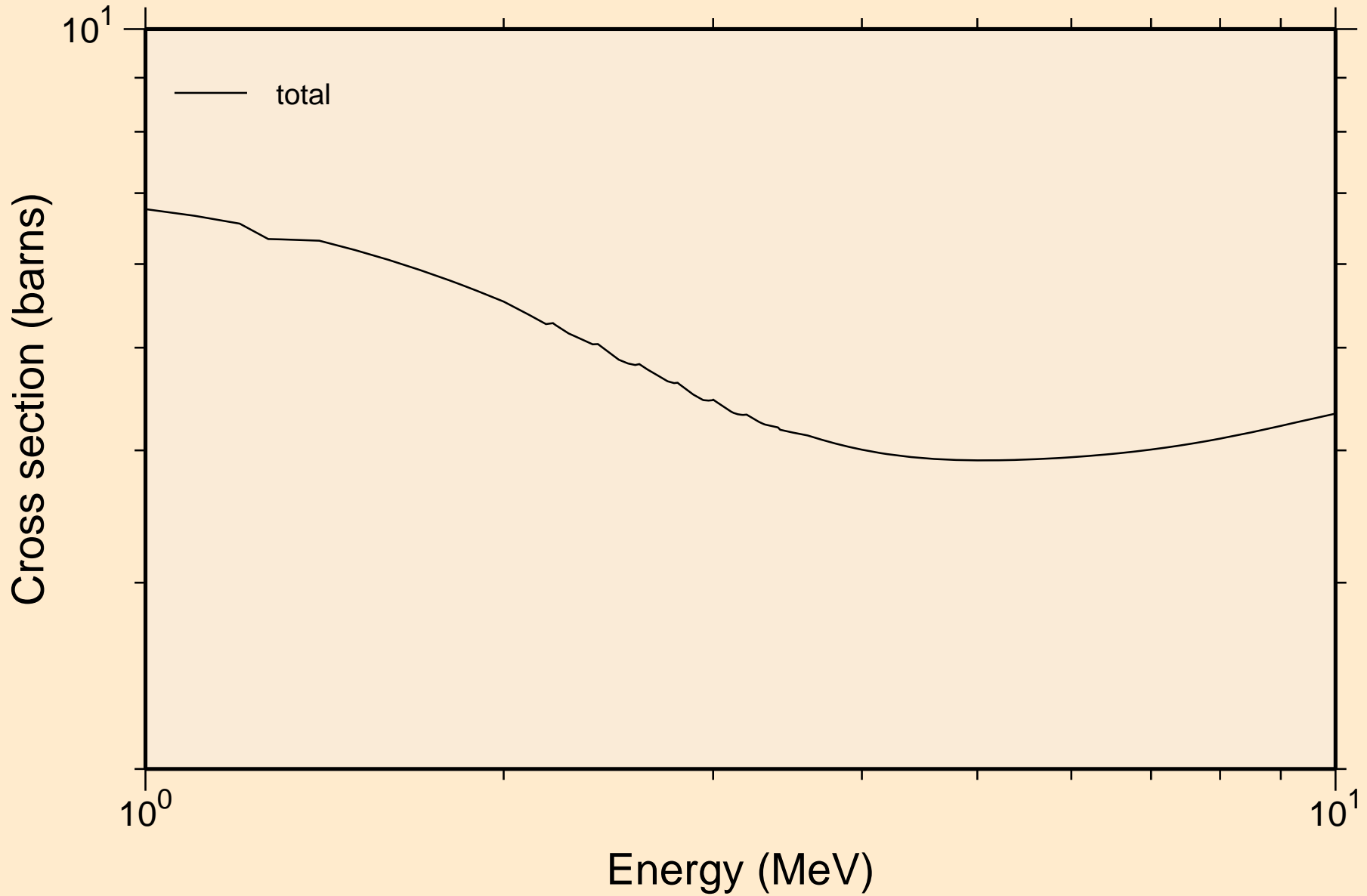
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



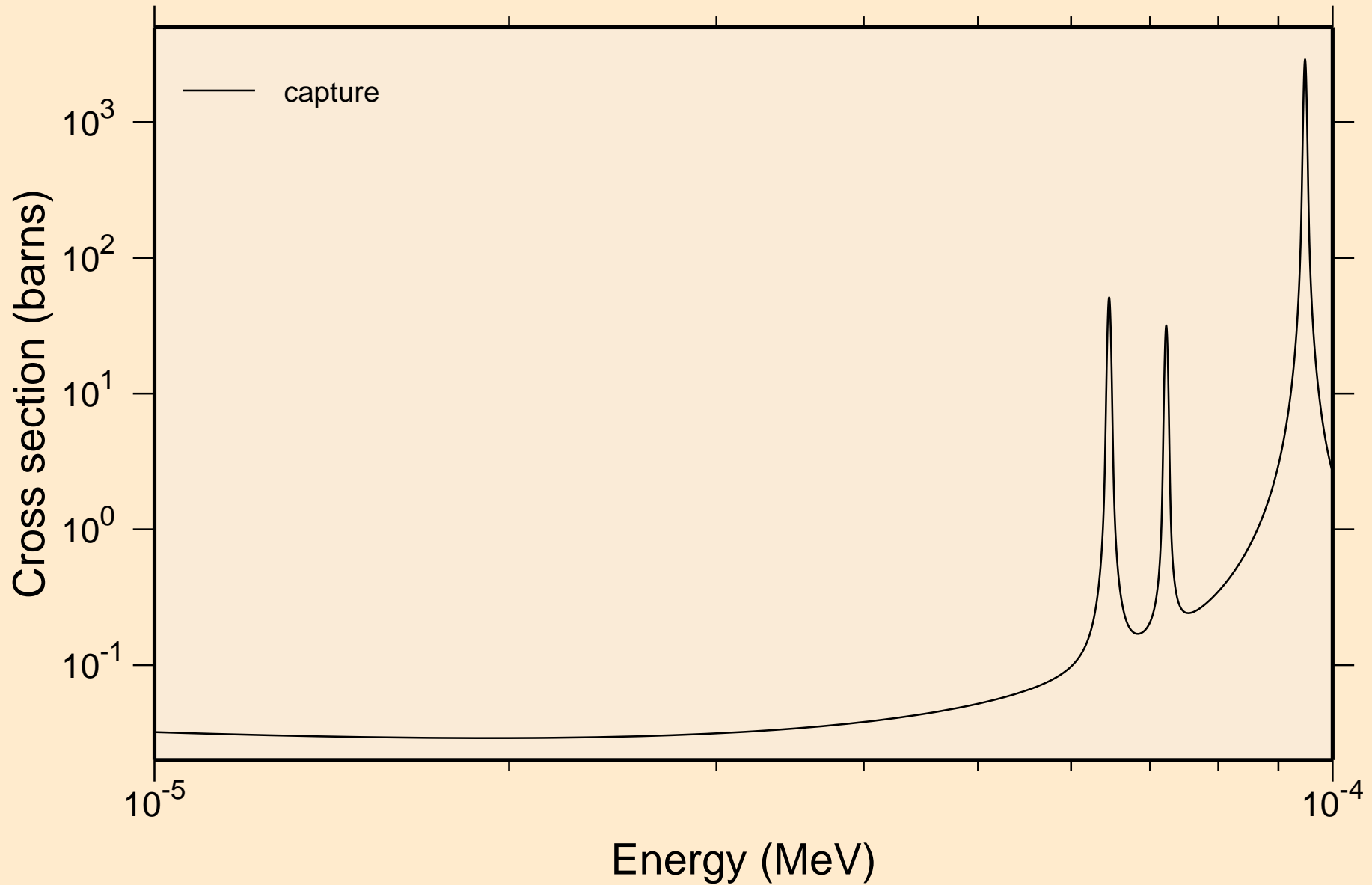
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



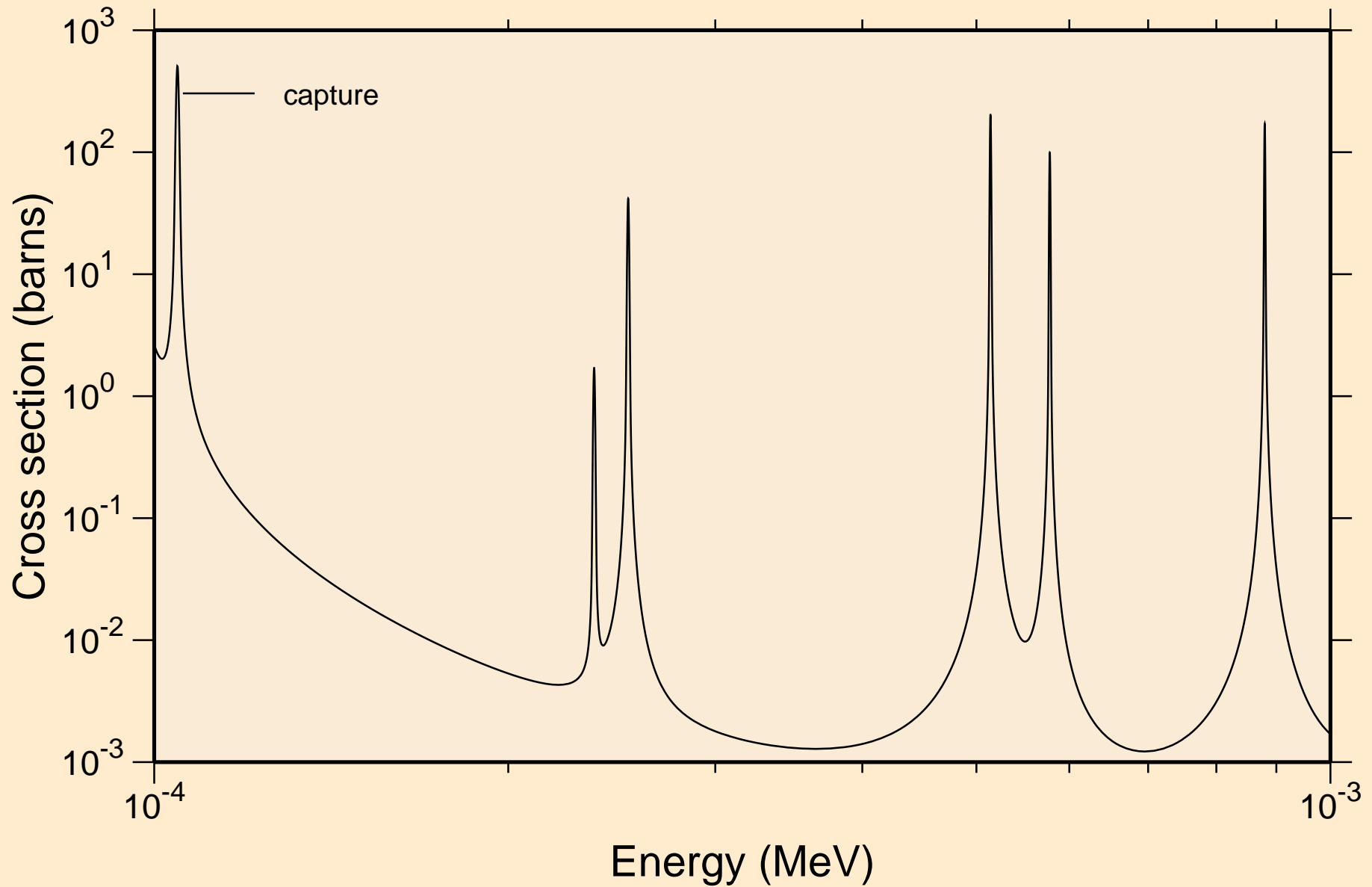
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



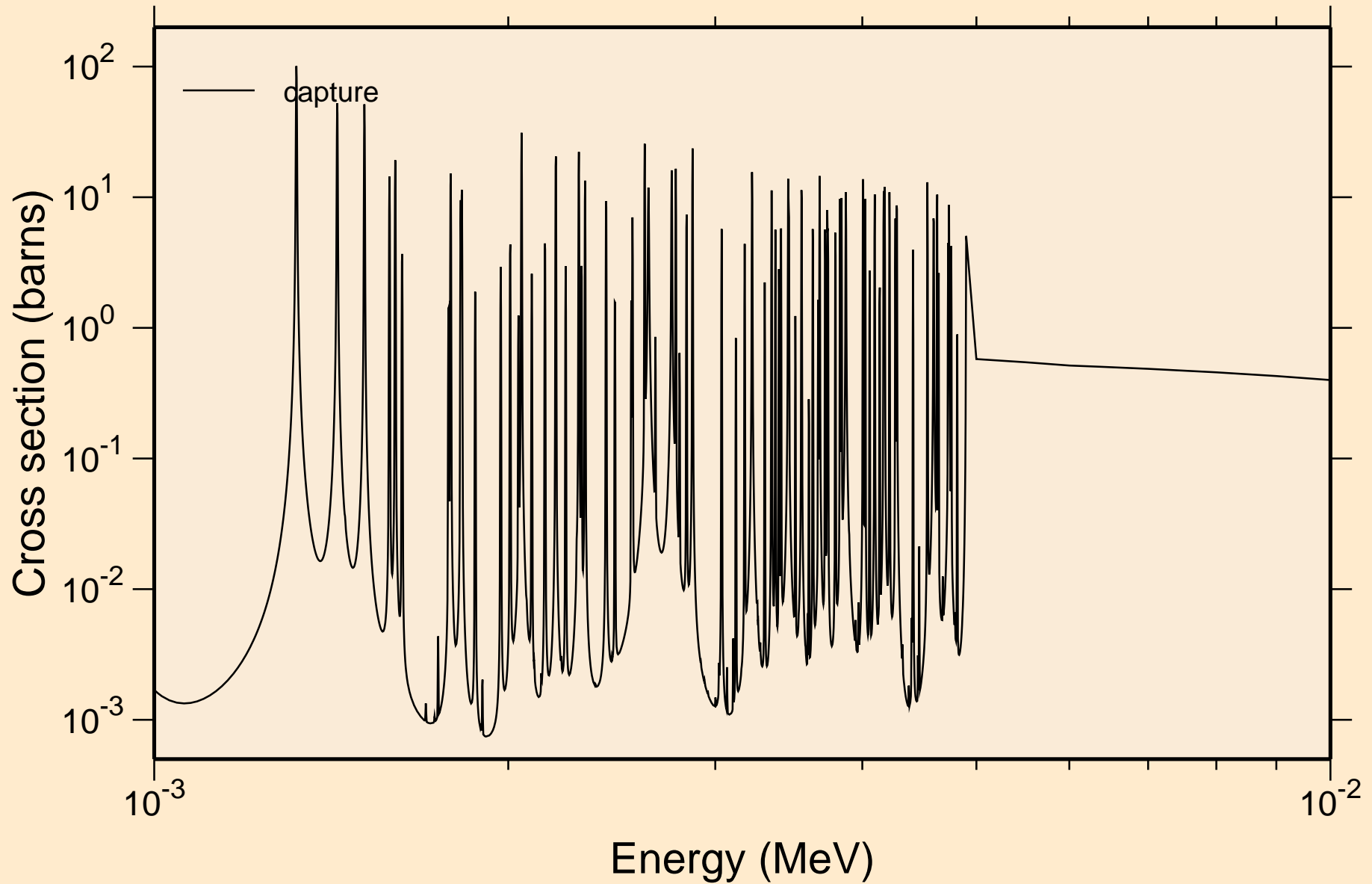
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

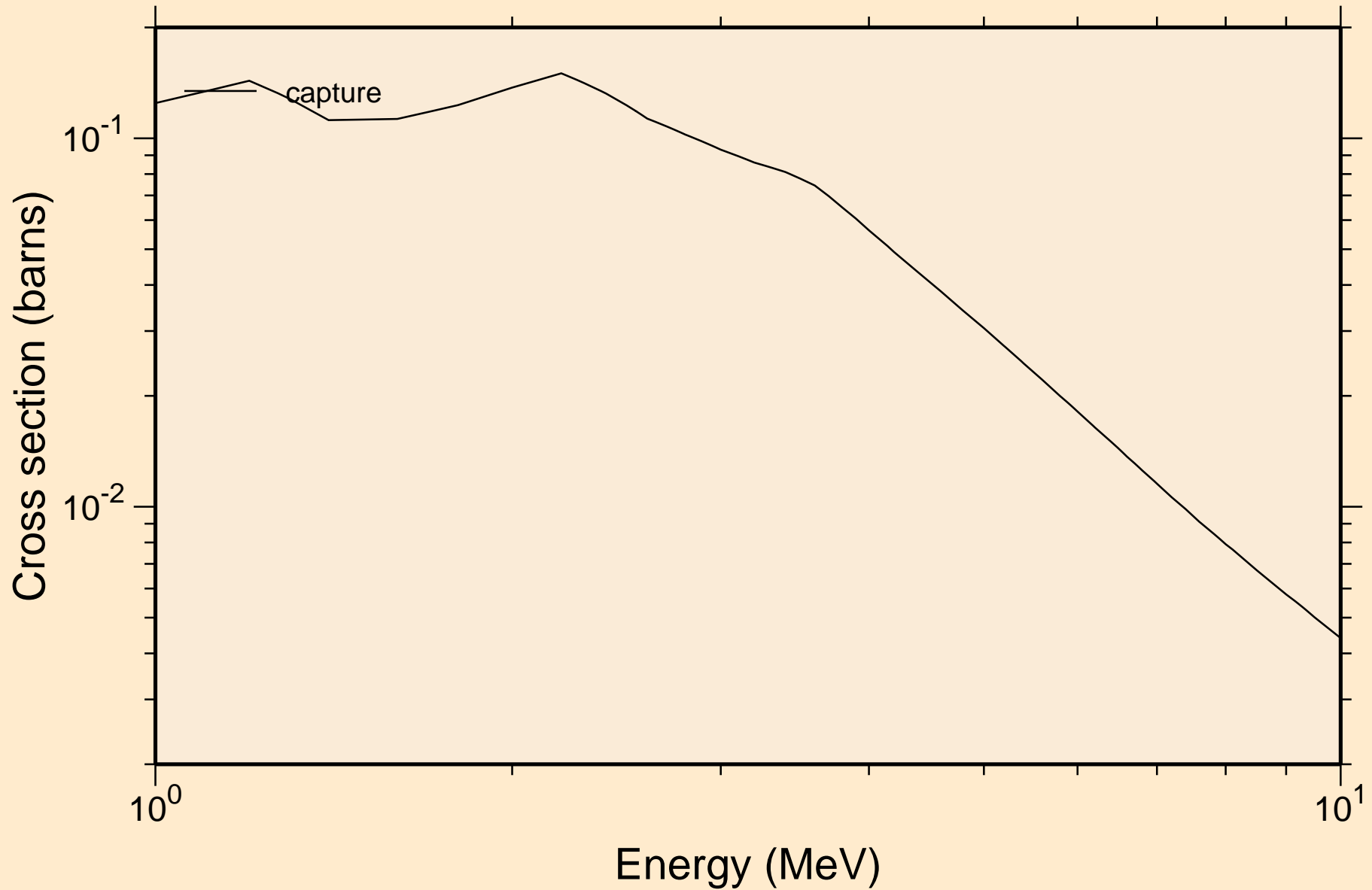


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

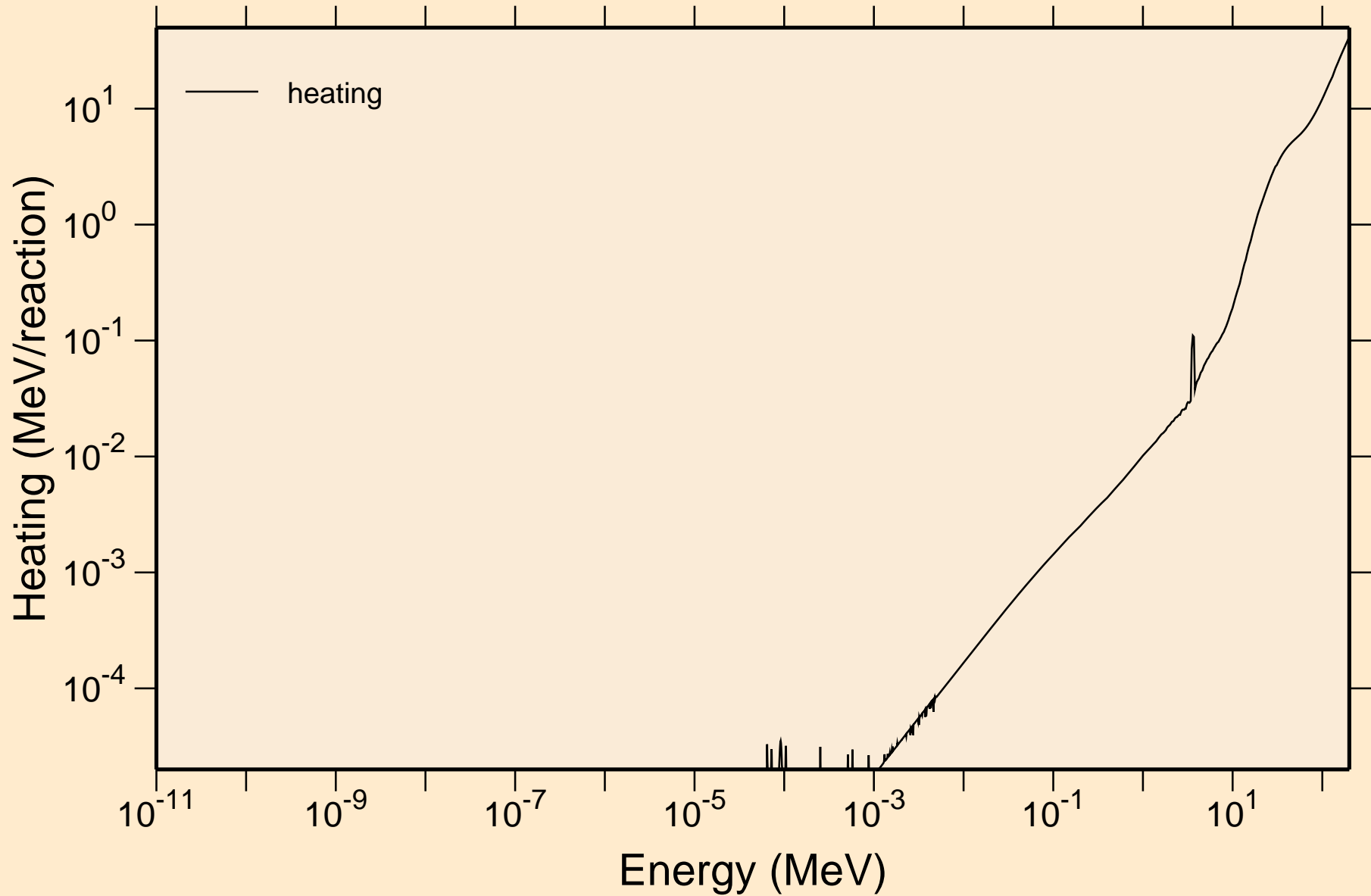




SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

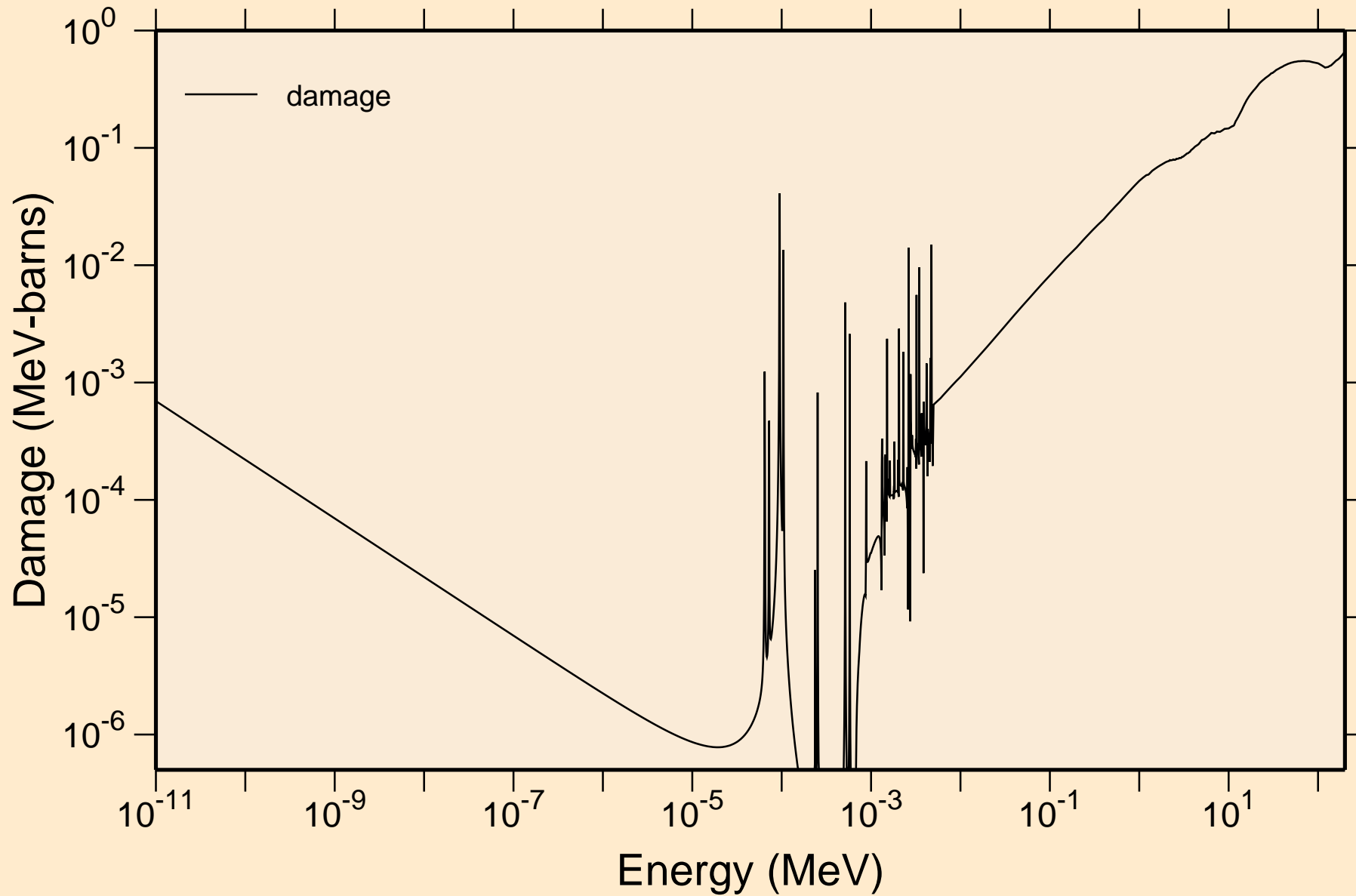


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



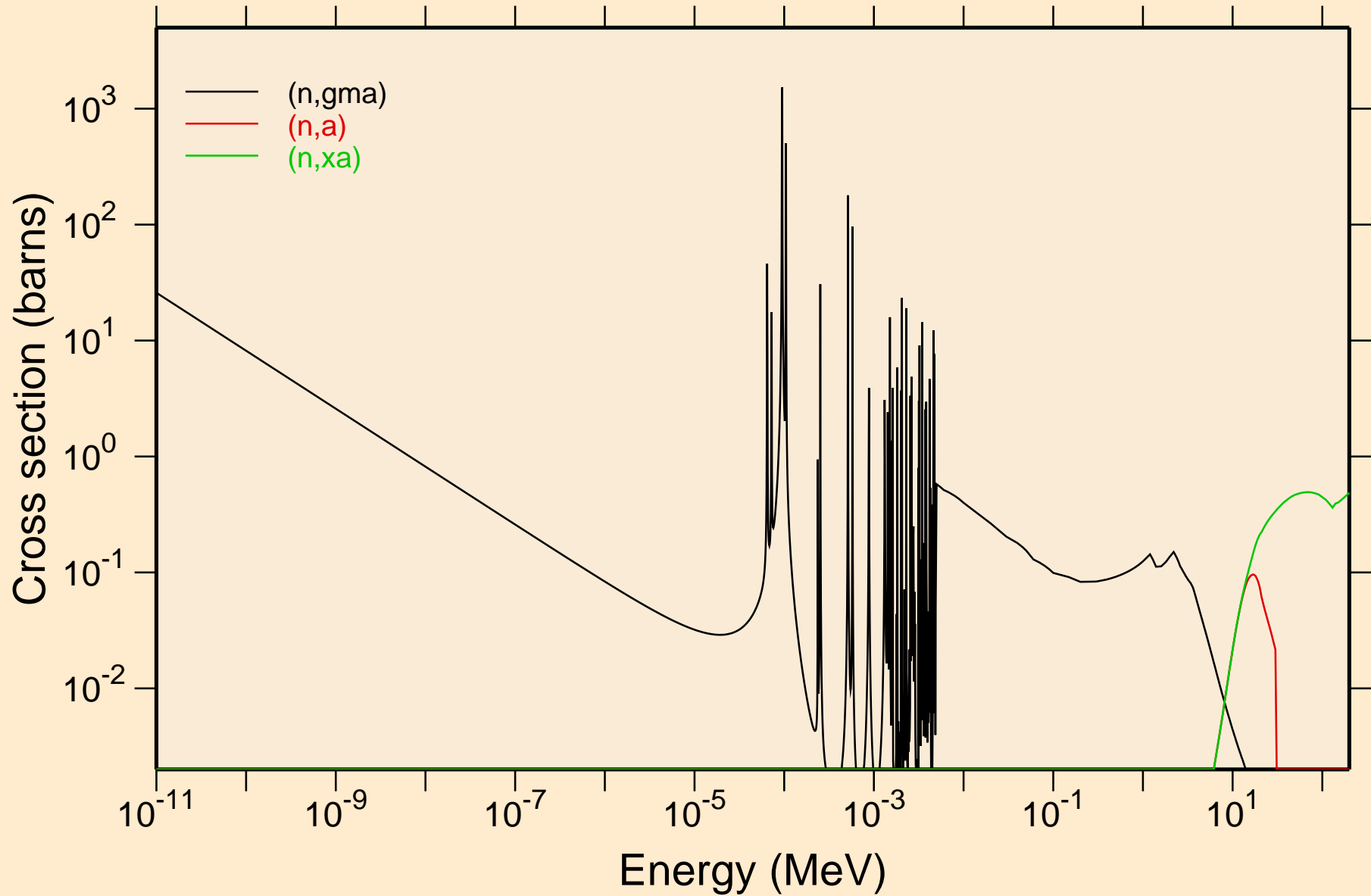
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage



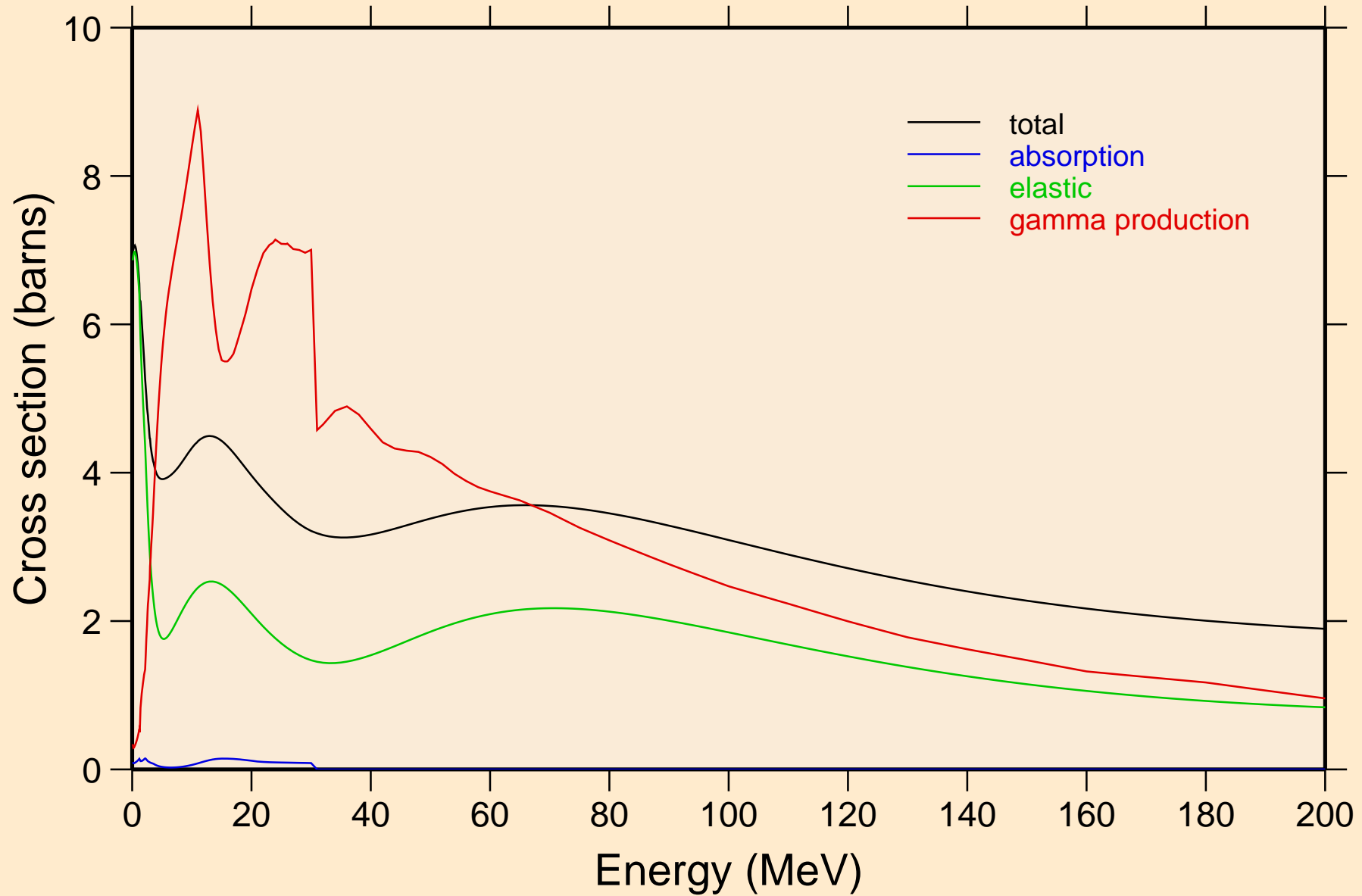
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



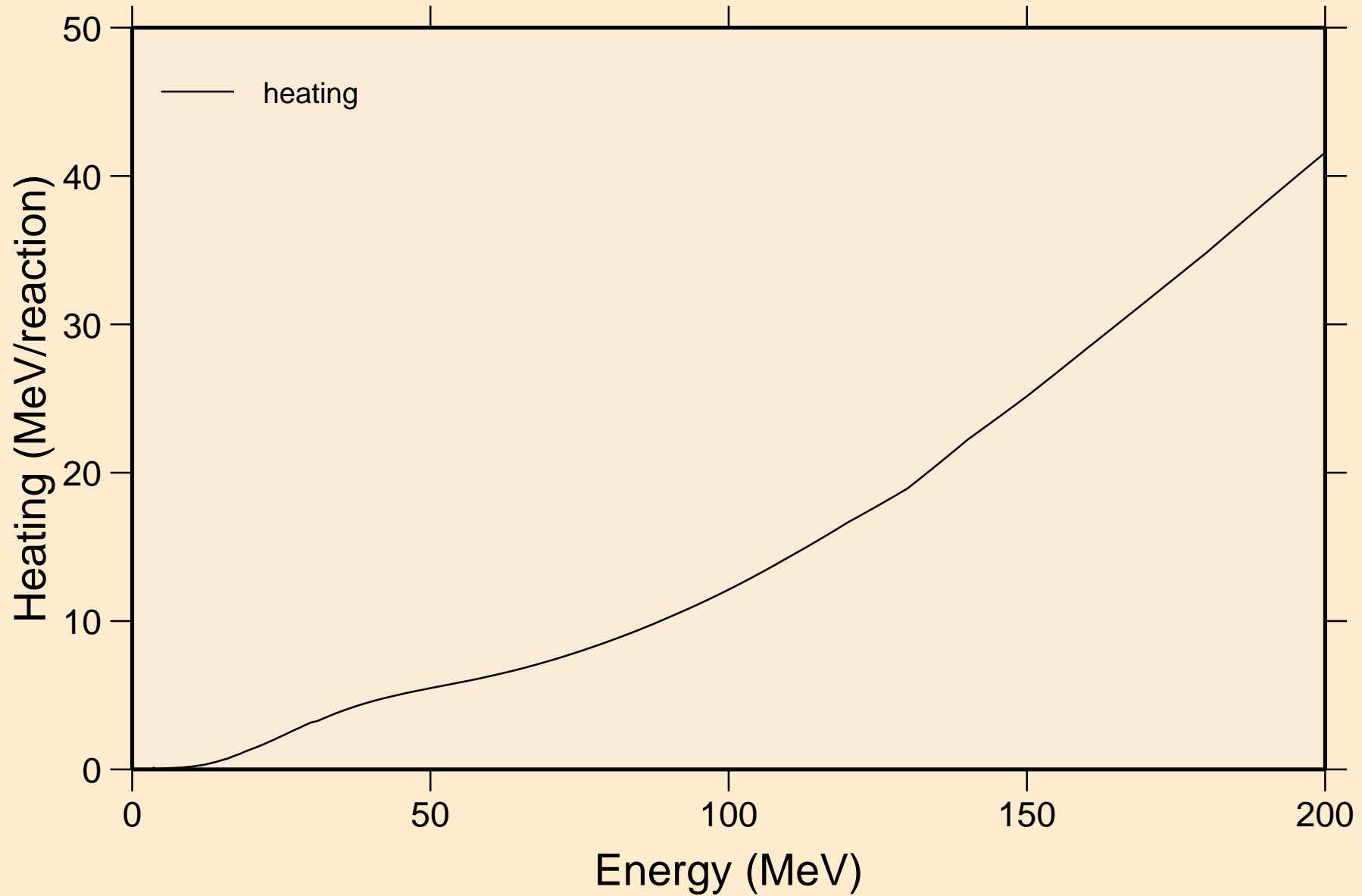
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

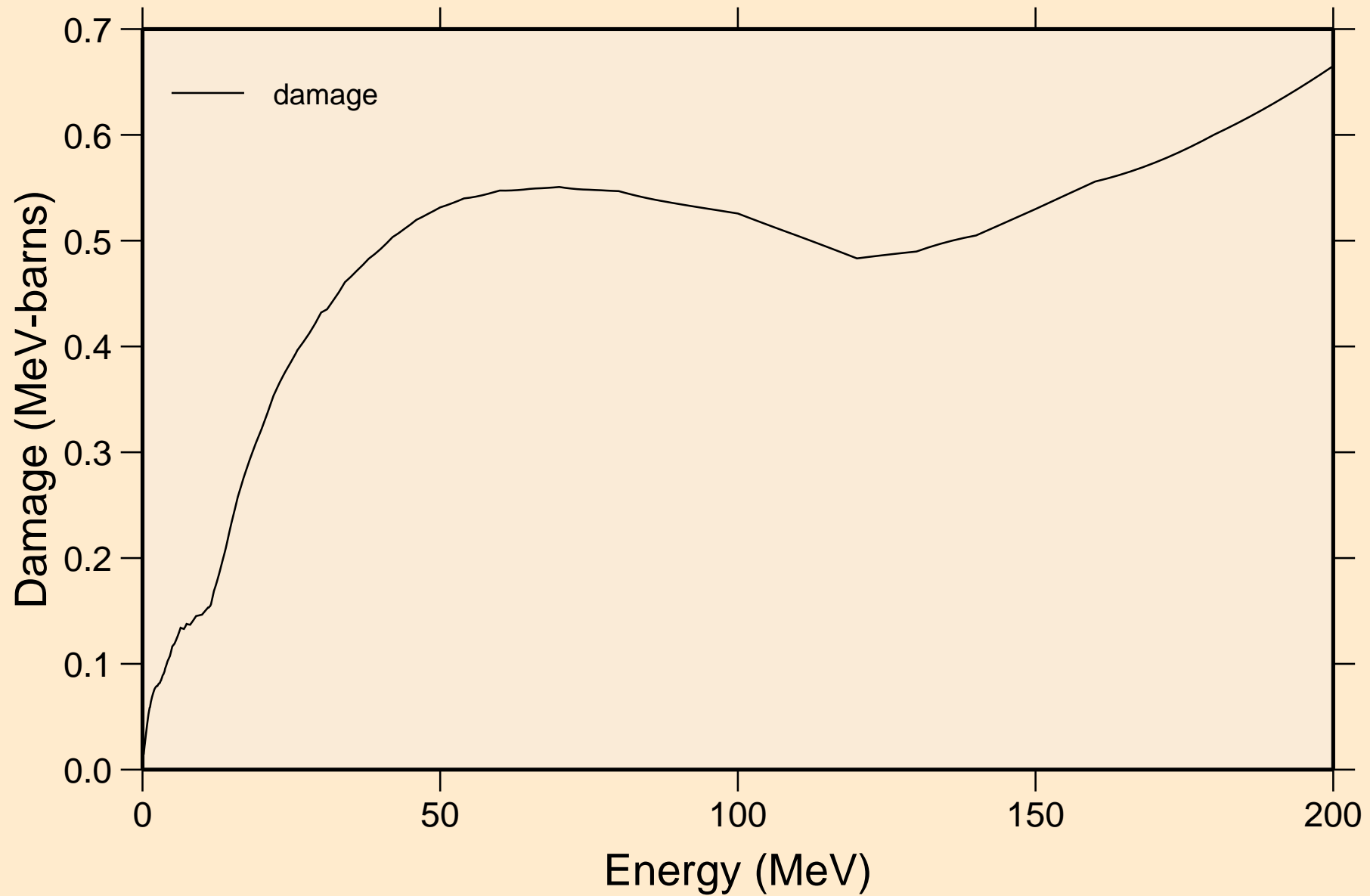


# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

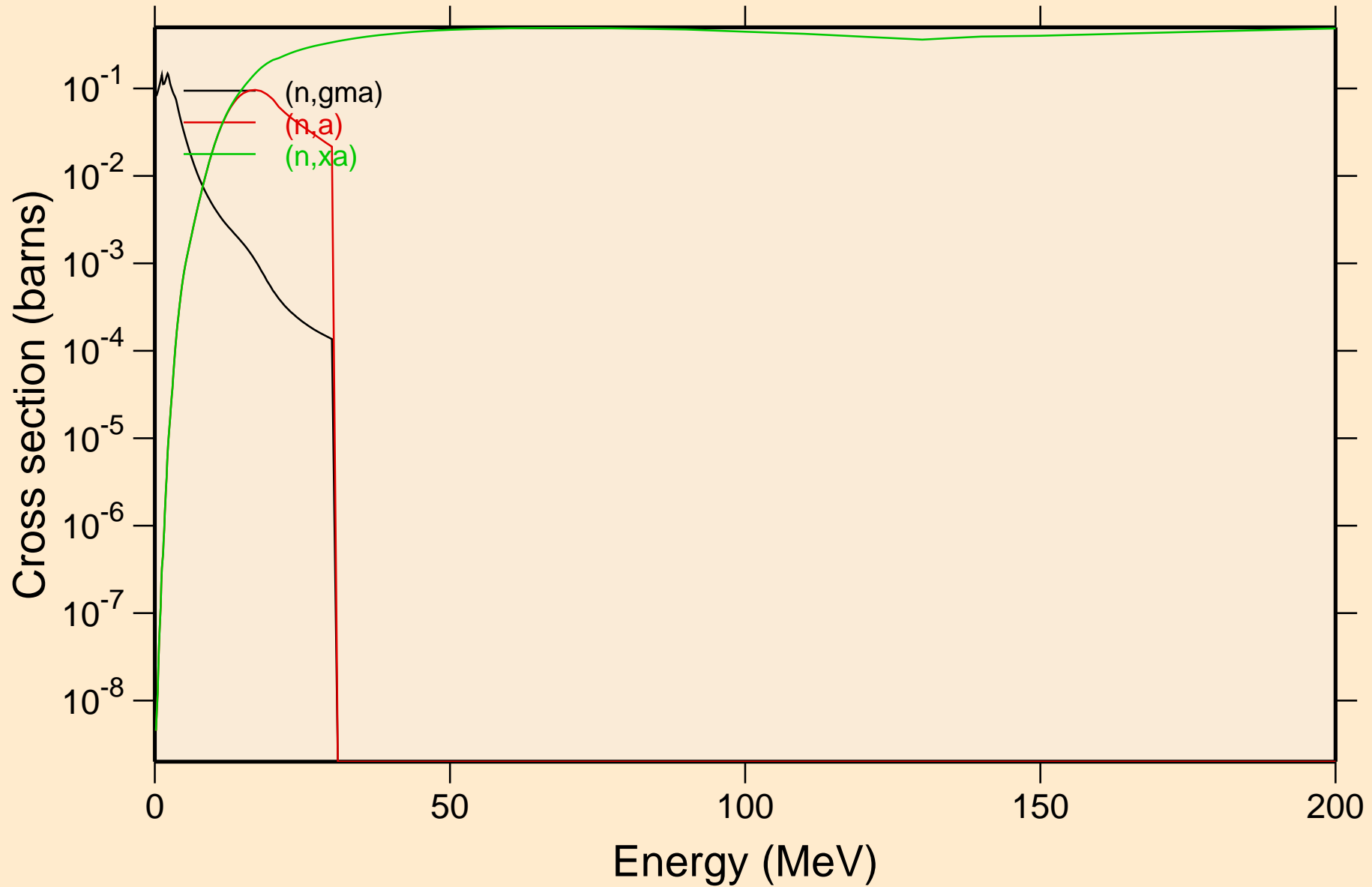


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



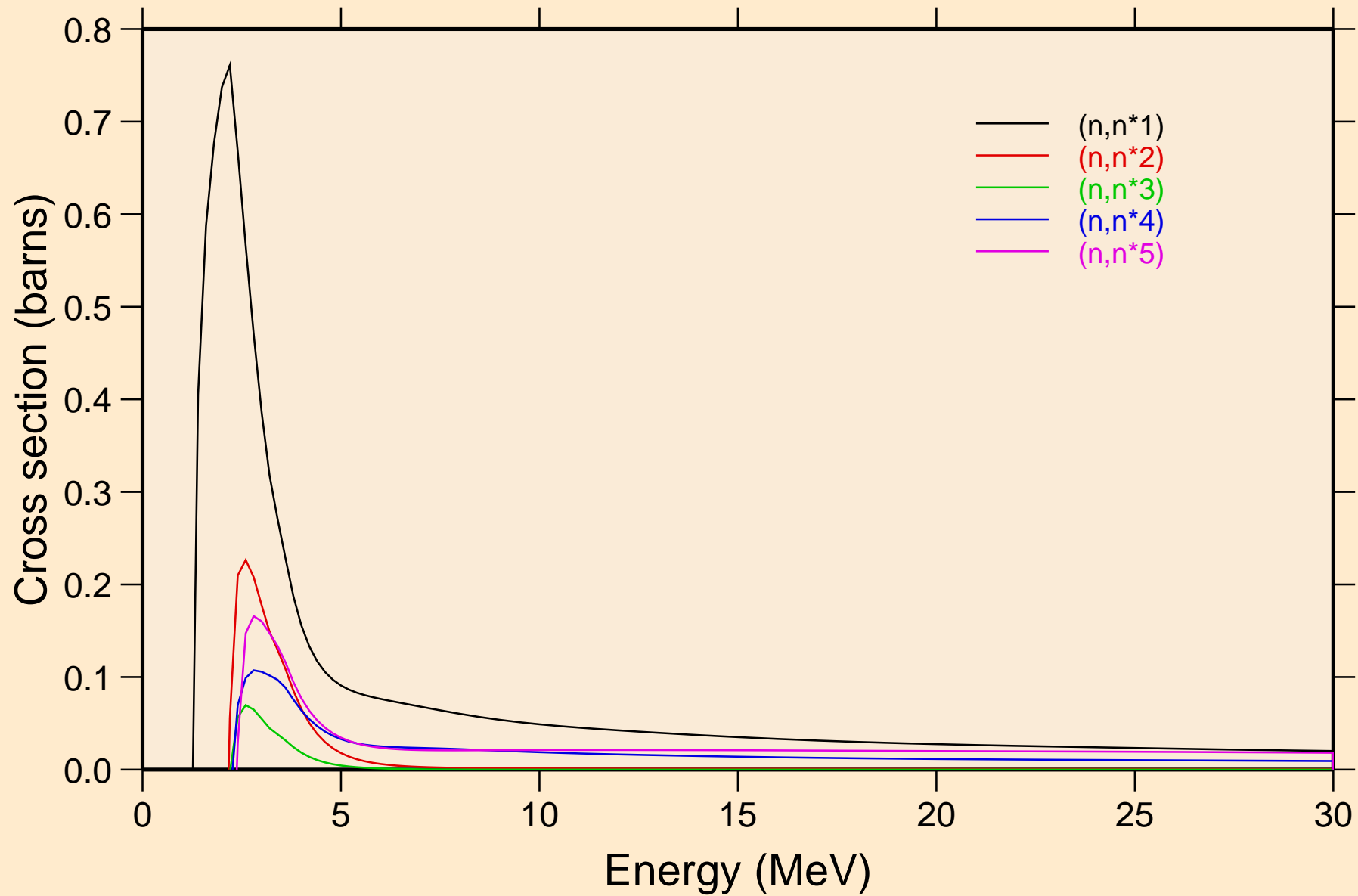
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



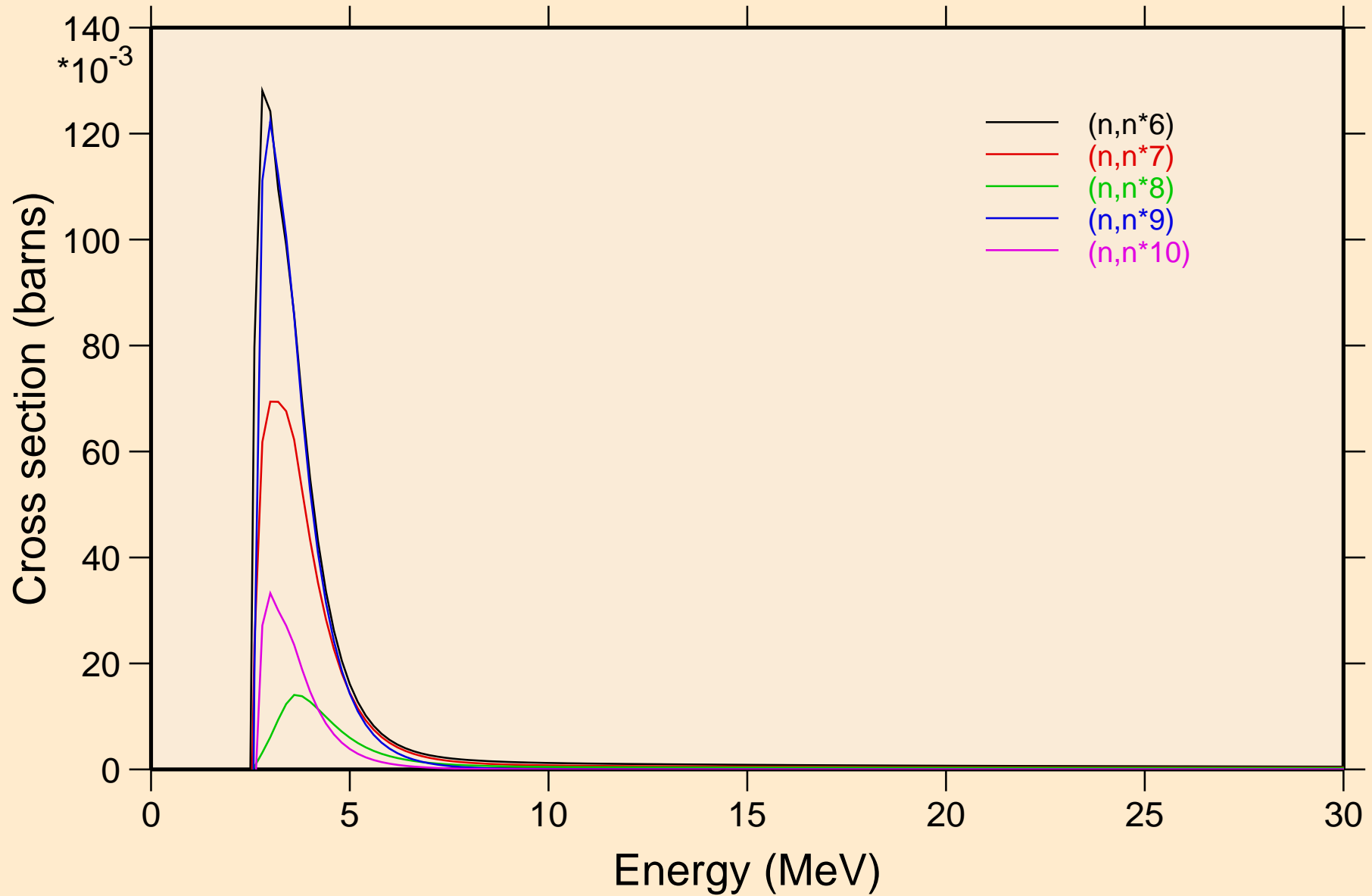


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



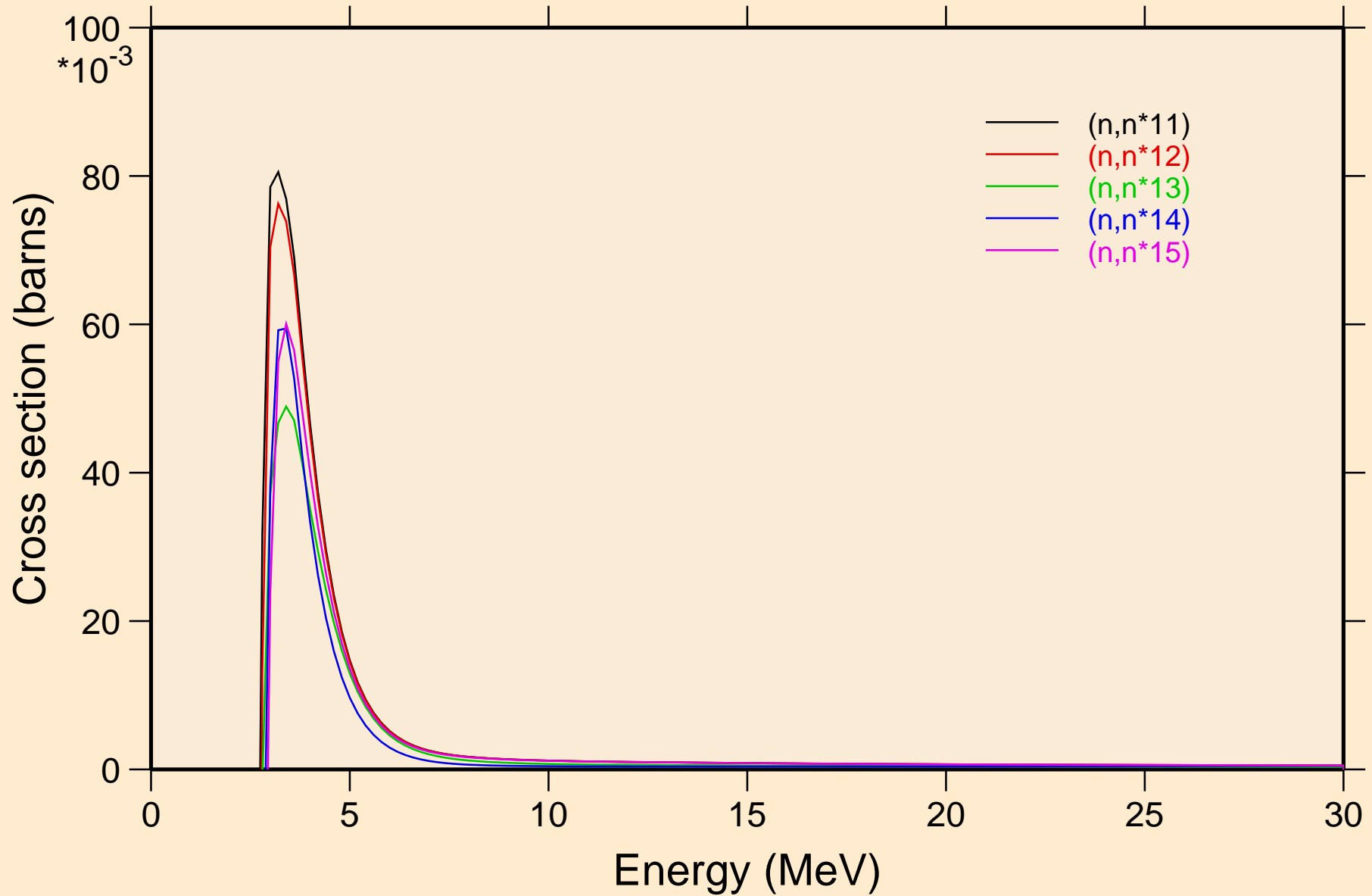
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



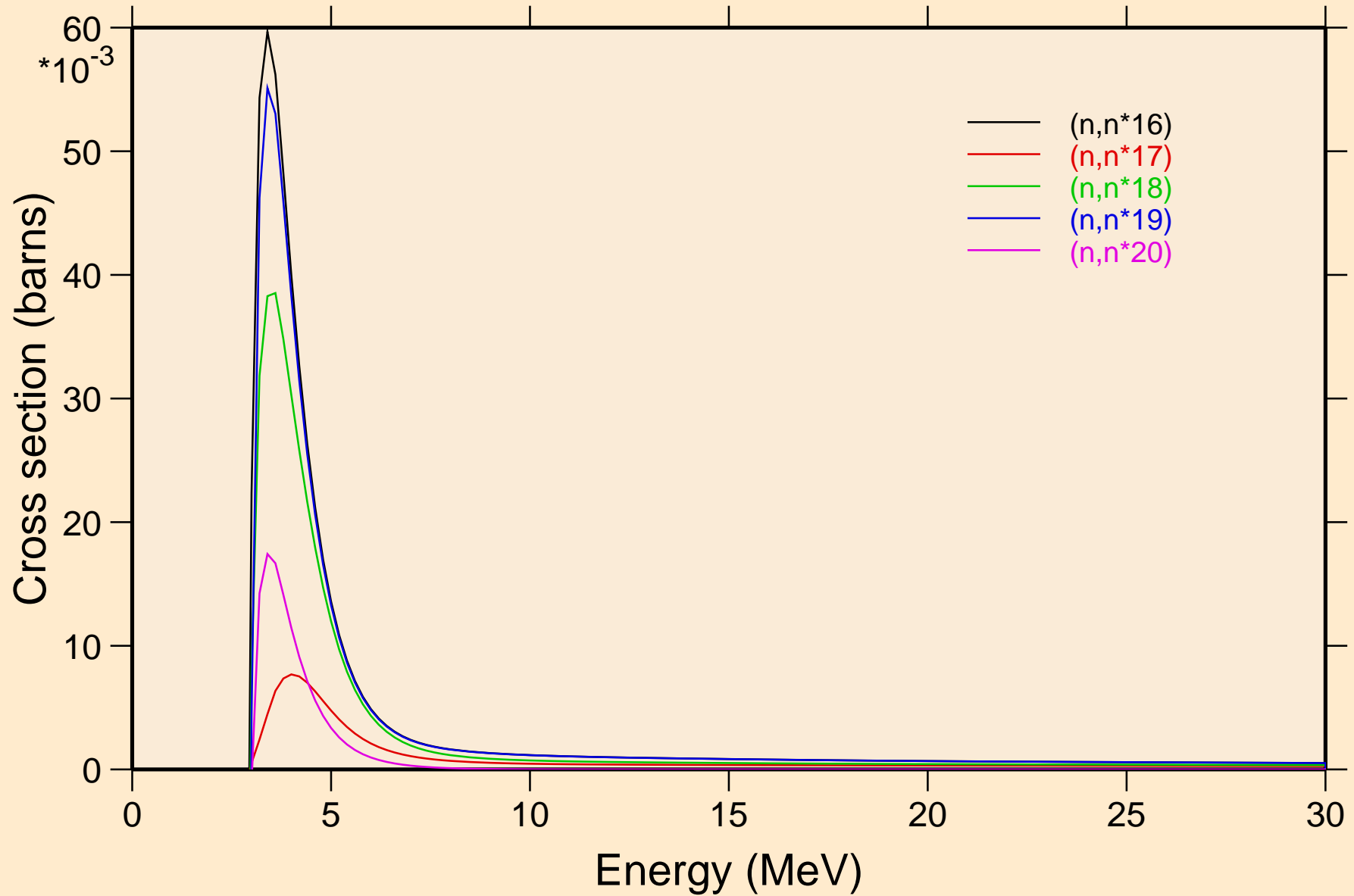
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

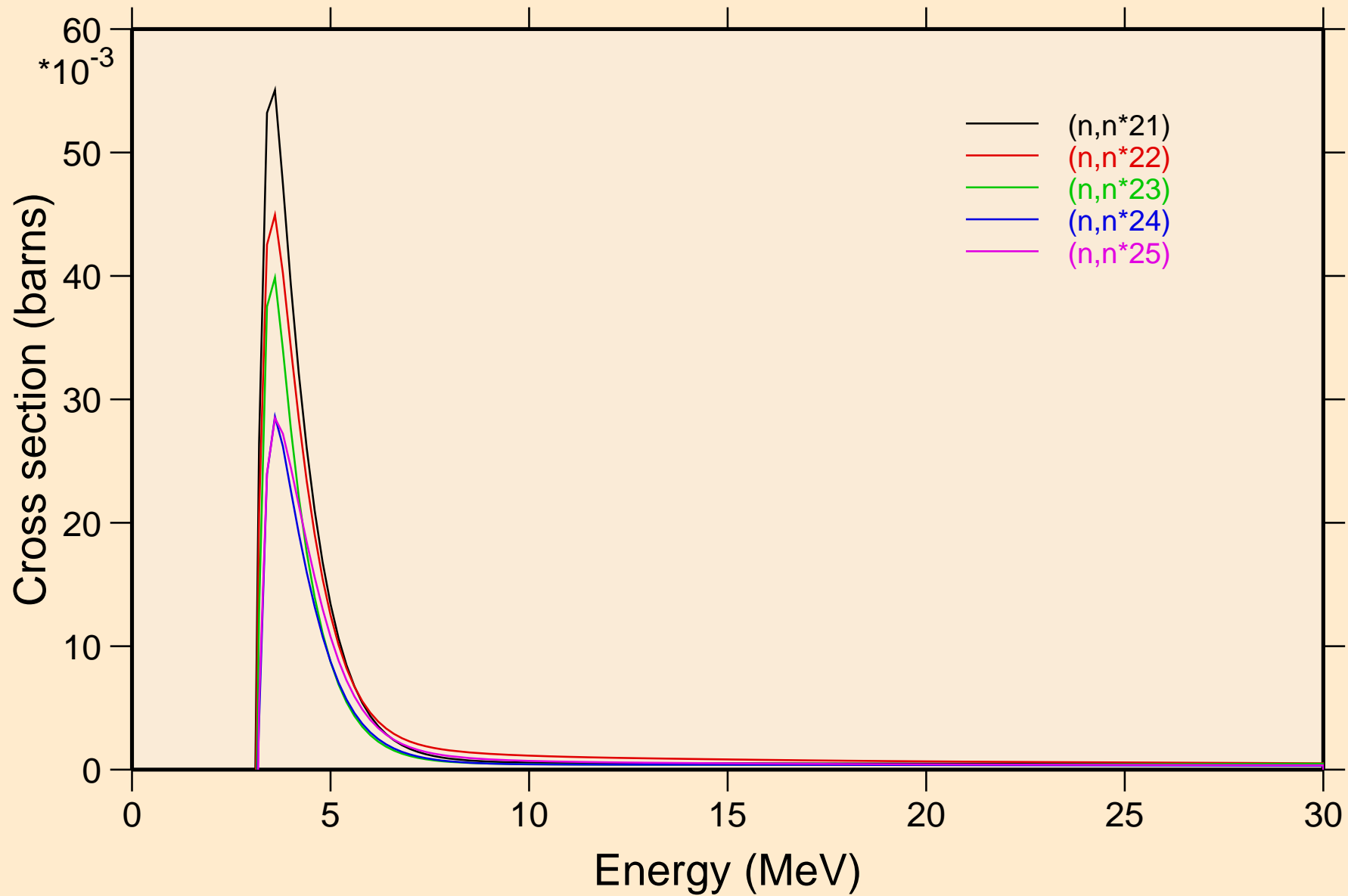


# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

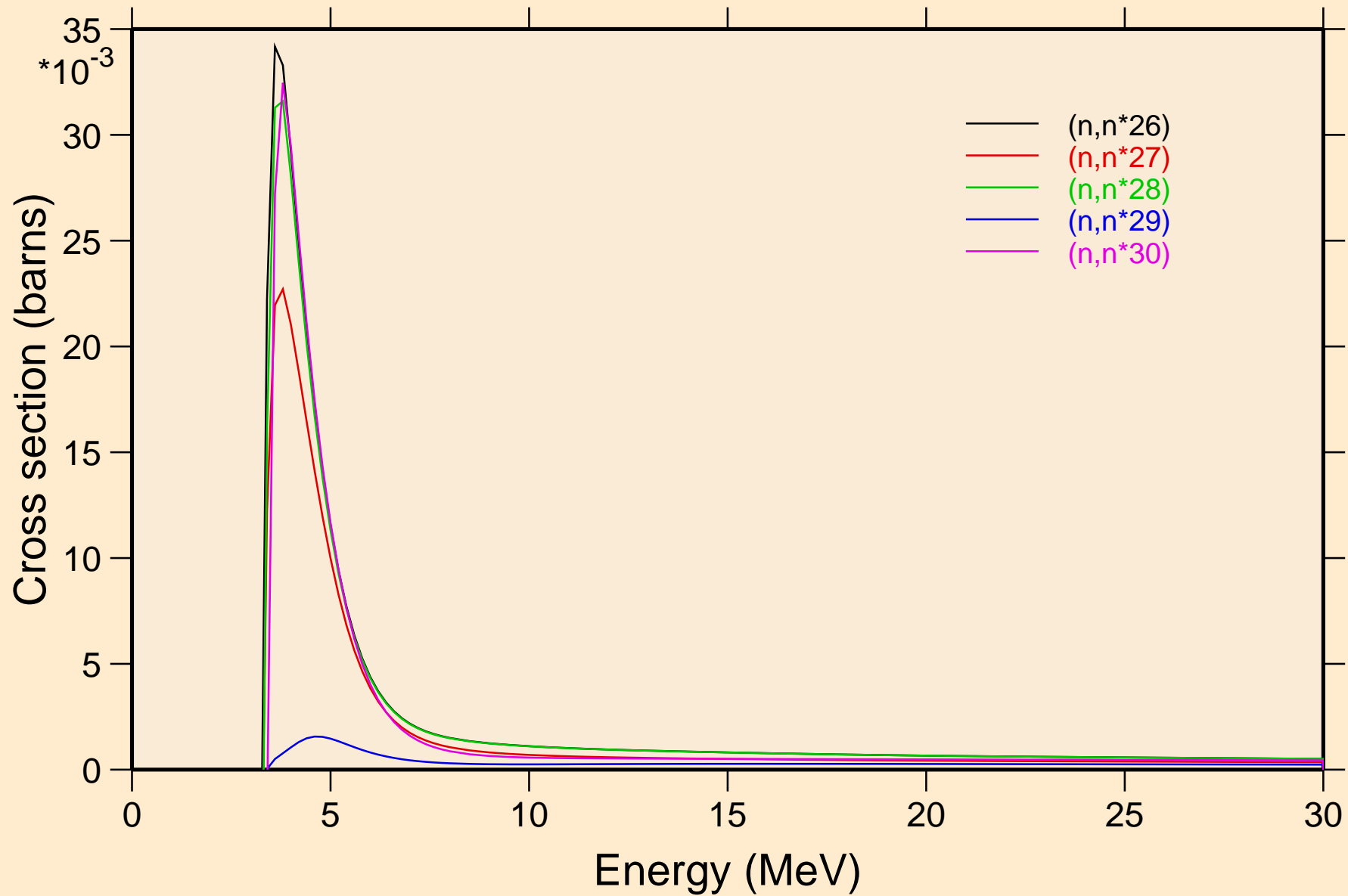


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



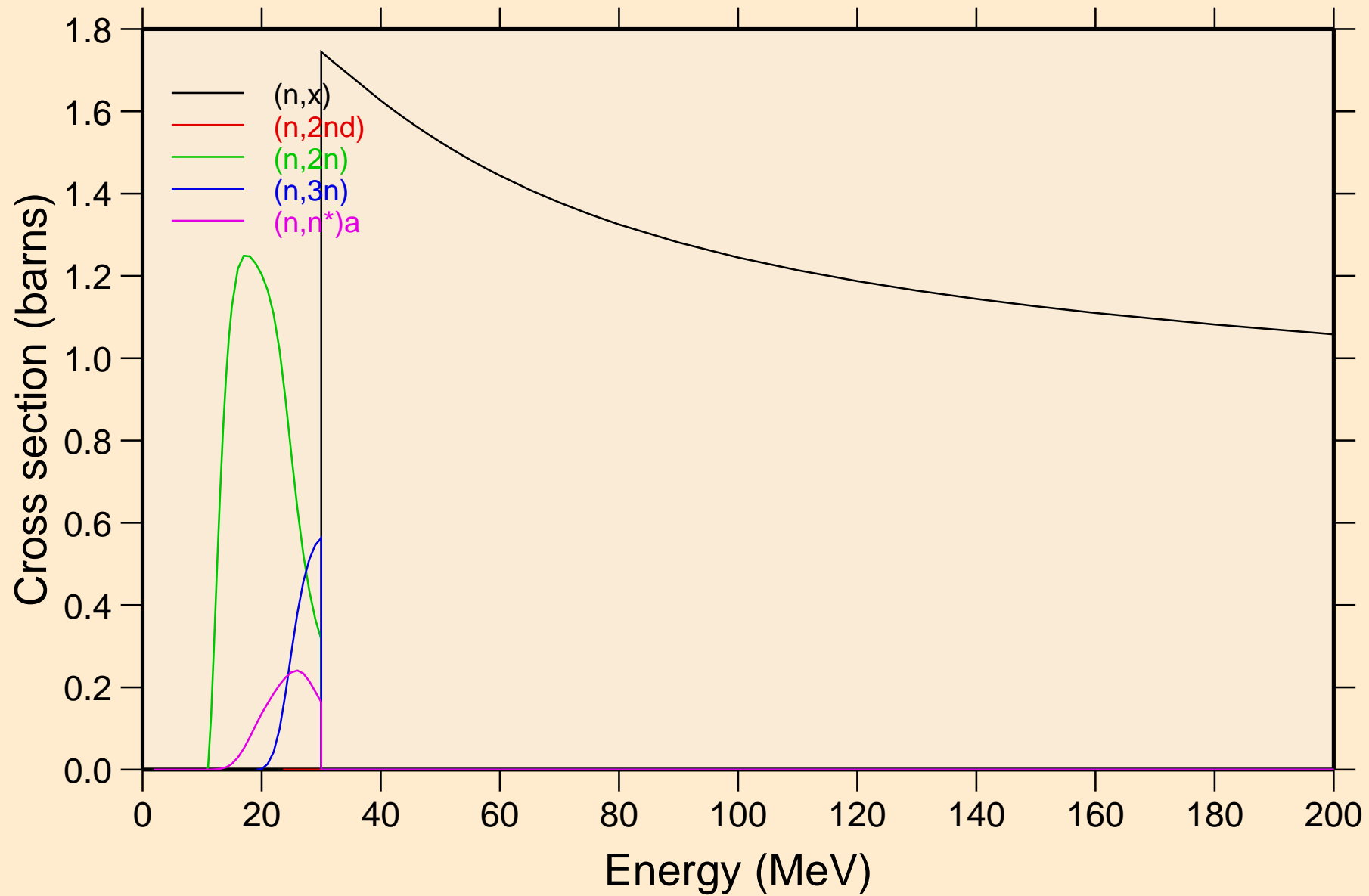
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



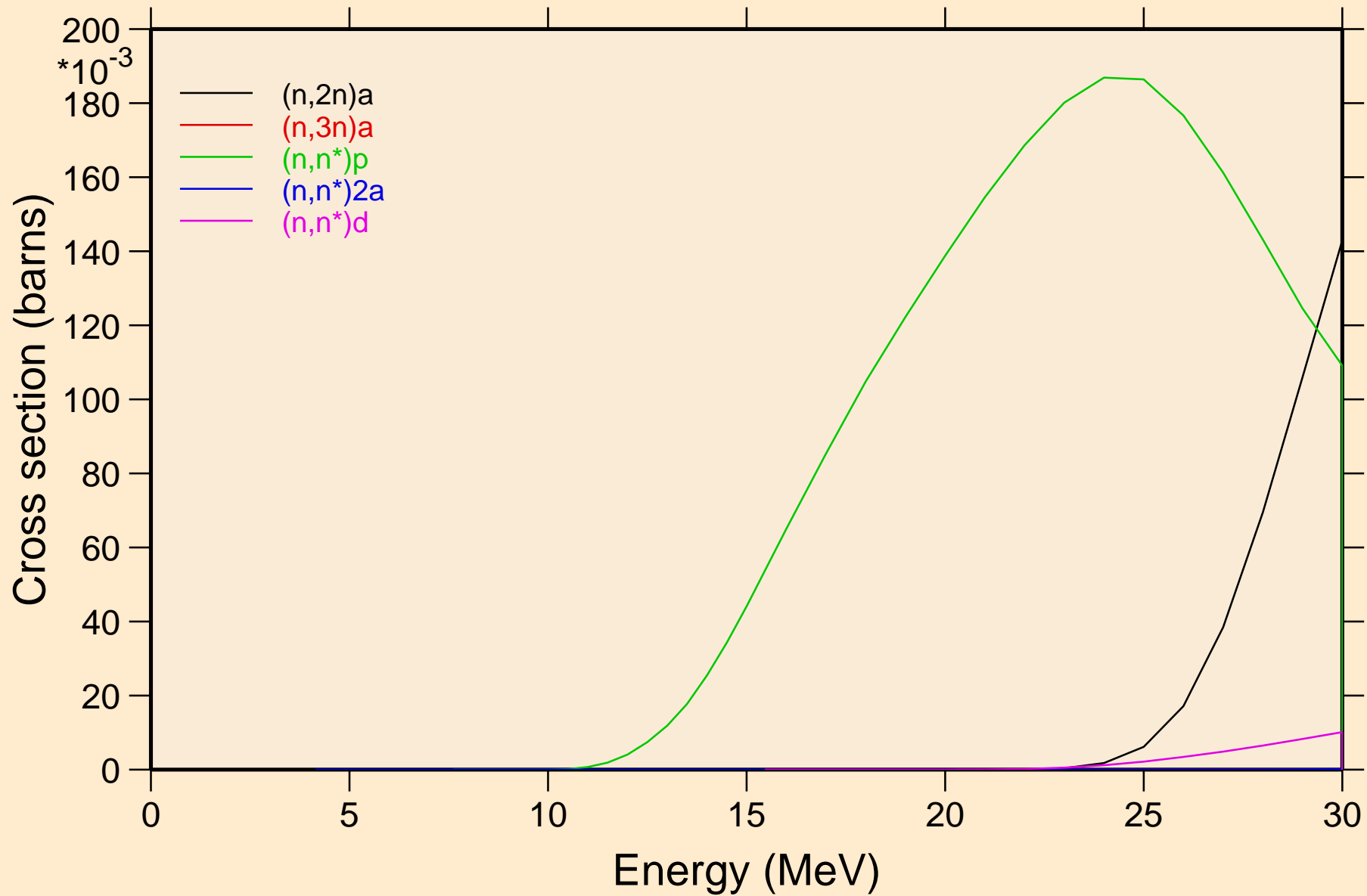
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

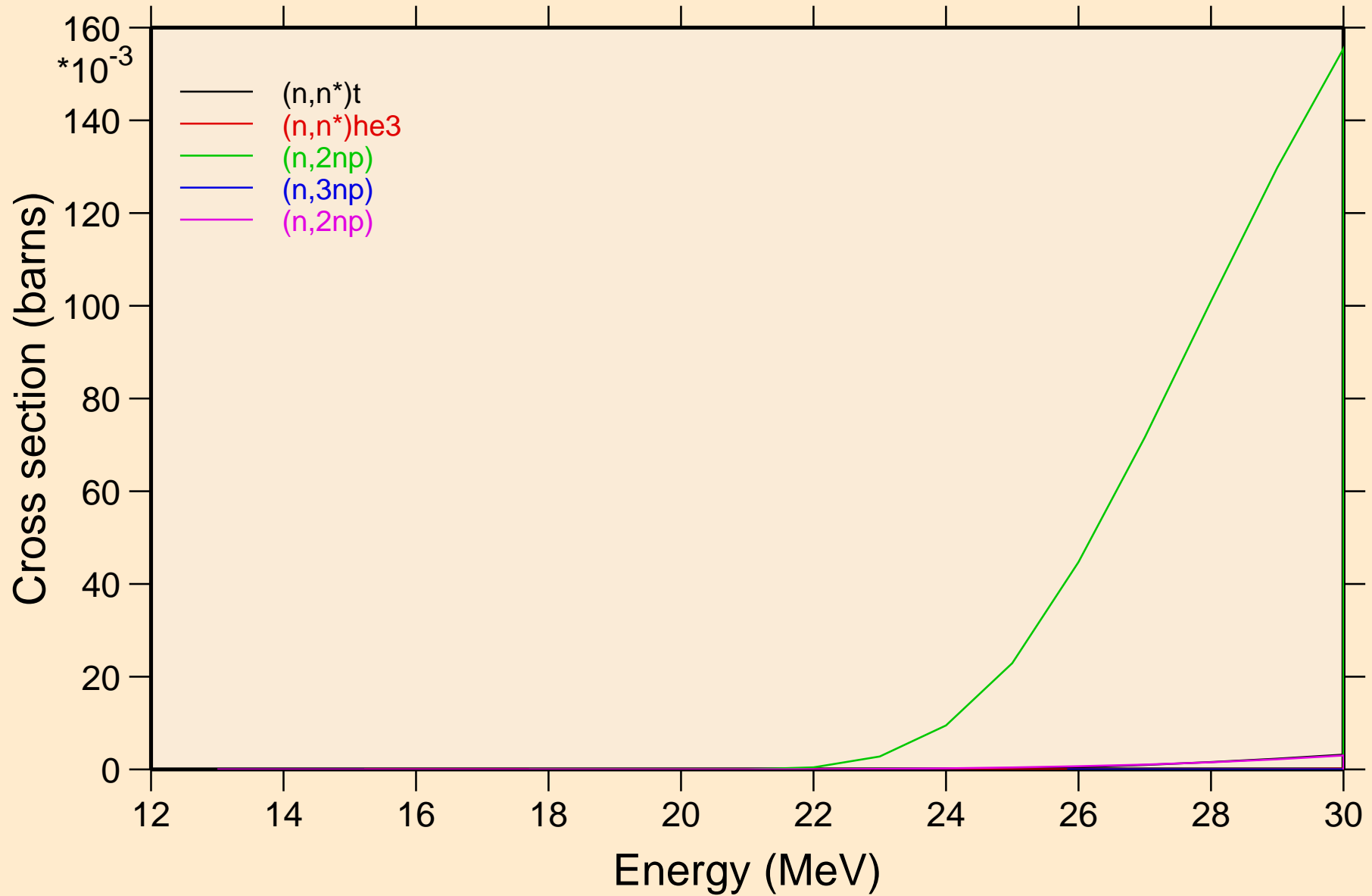
## Threshold reactions





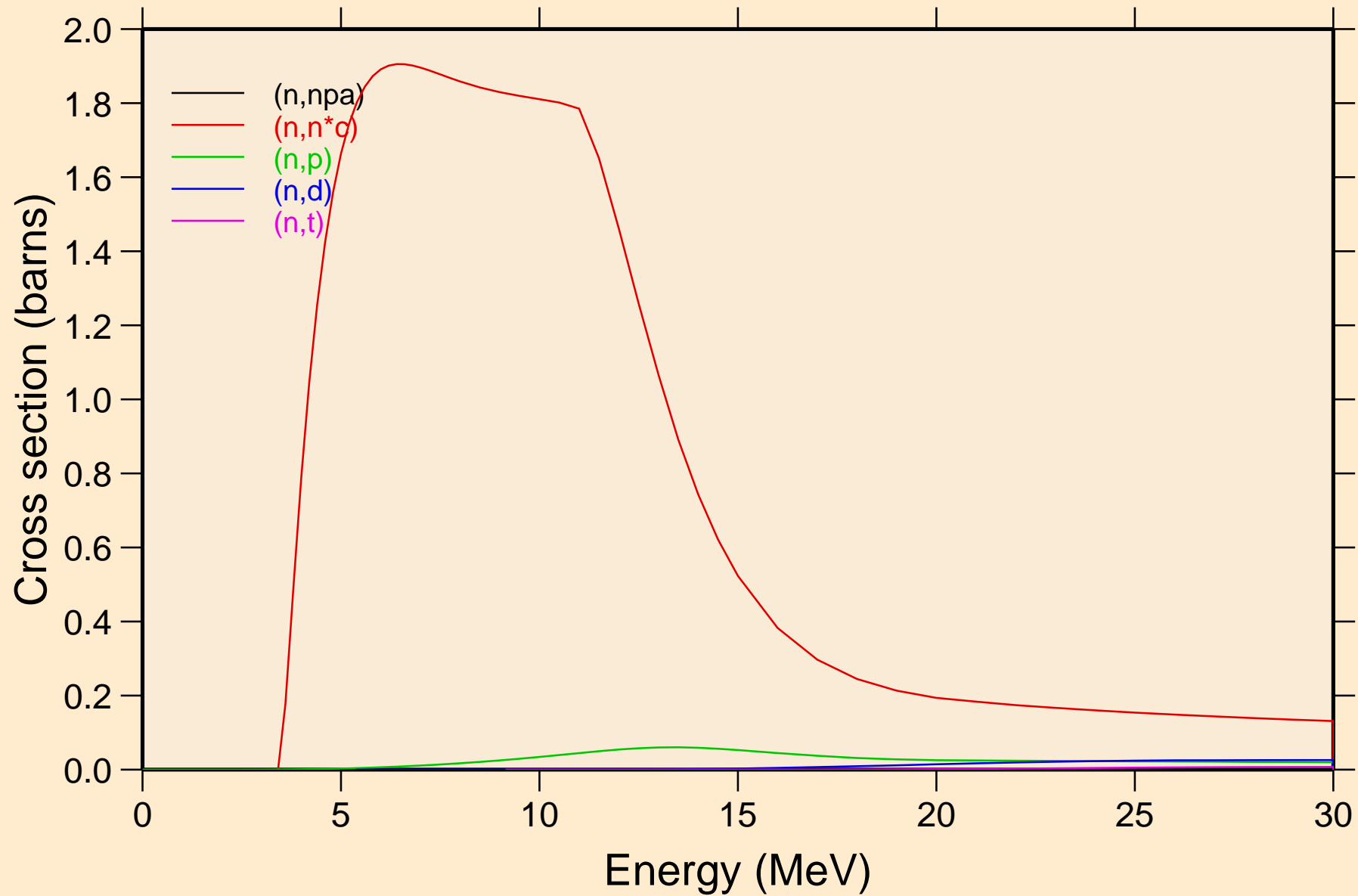
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



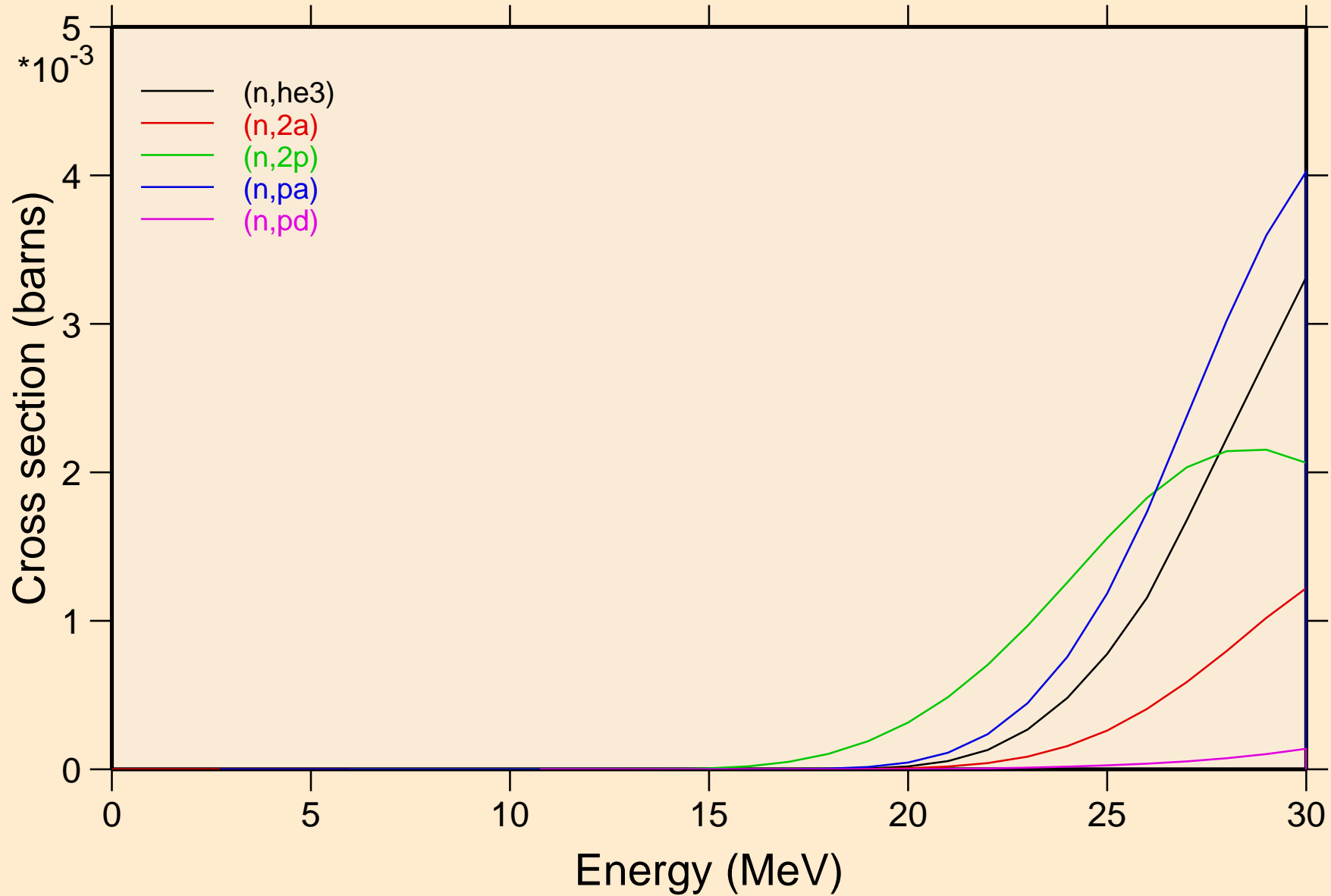
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

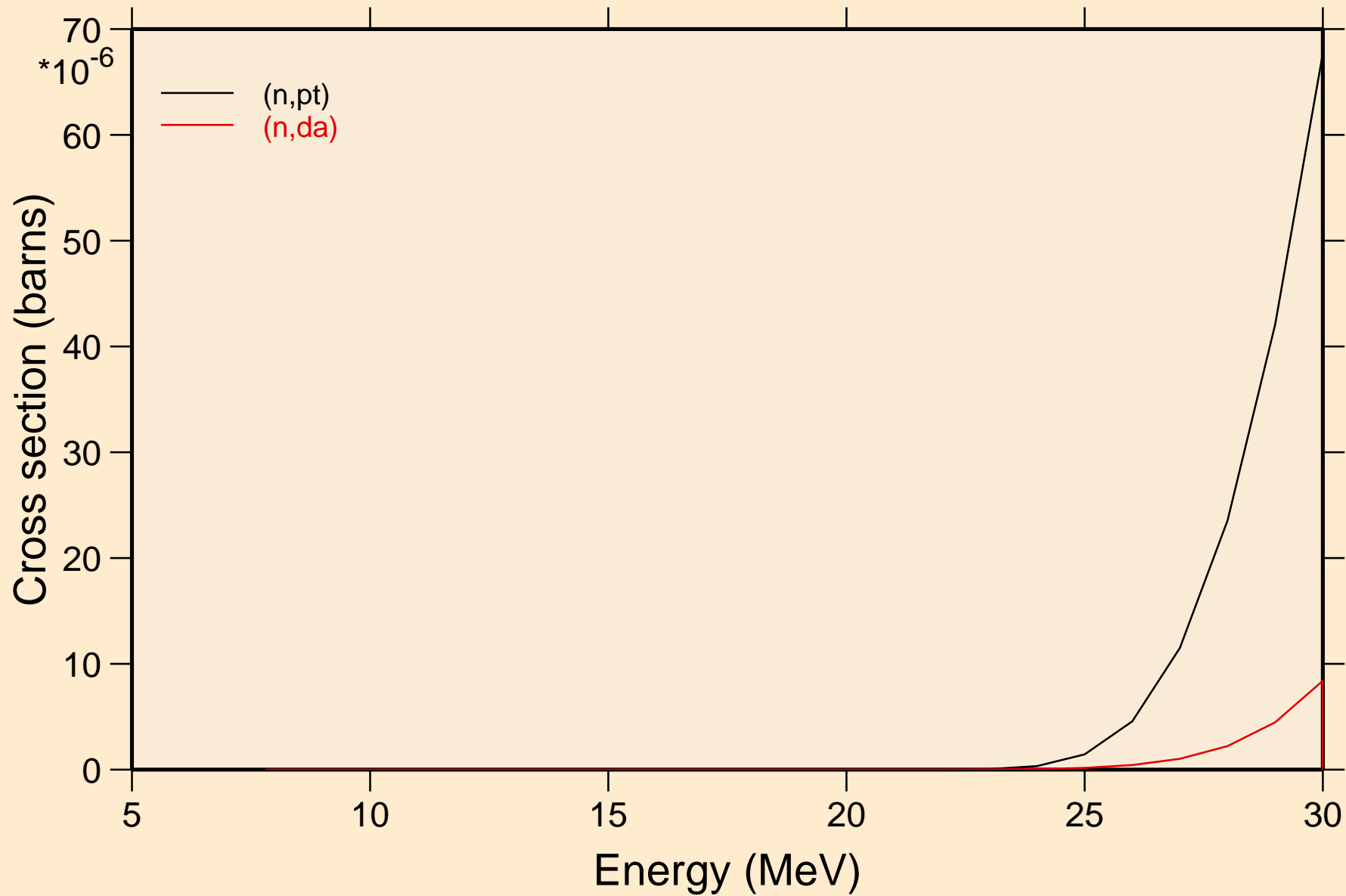


# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

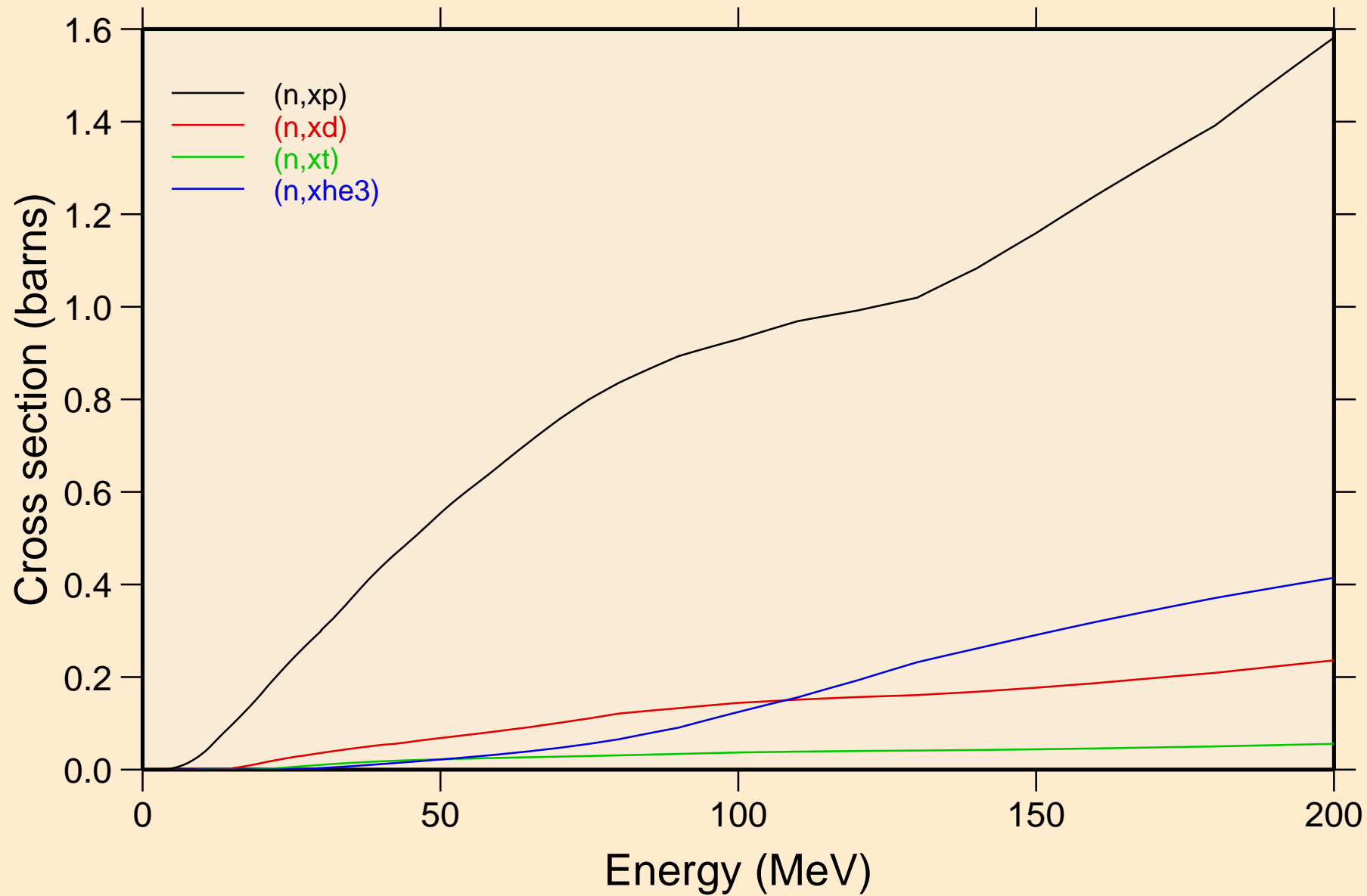


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

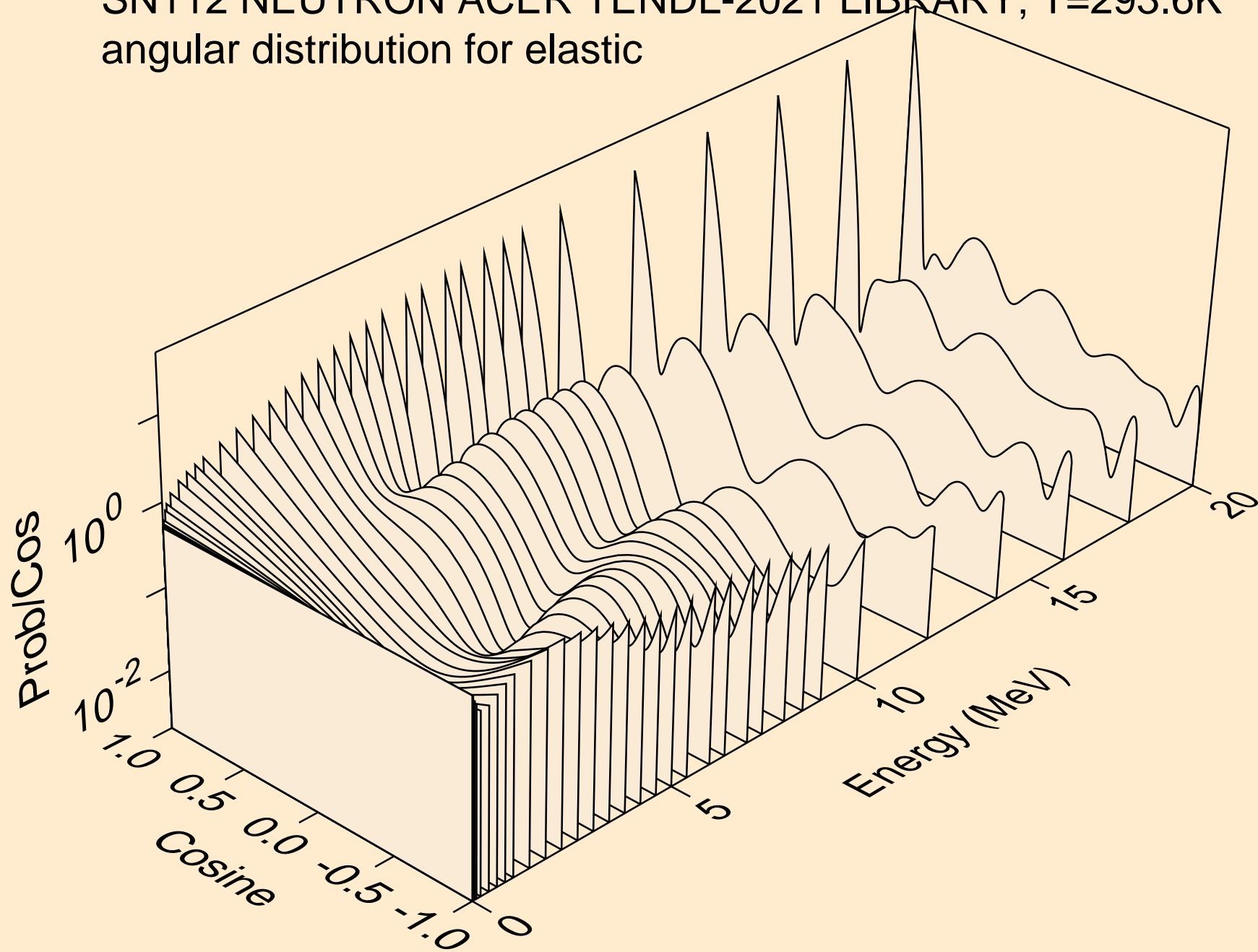


# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

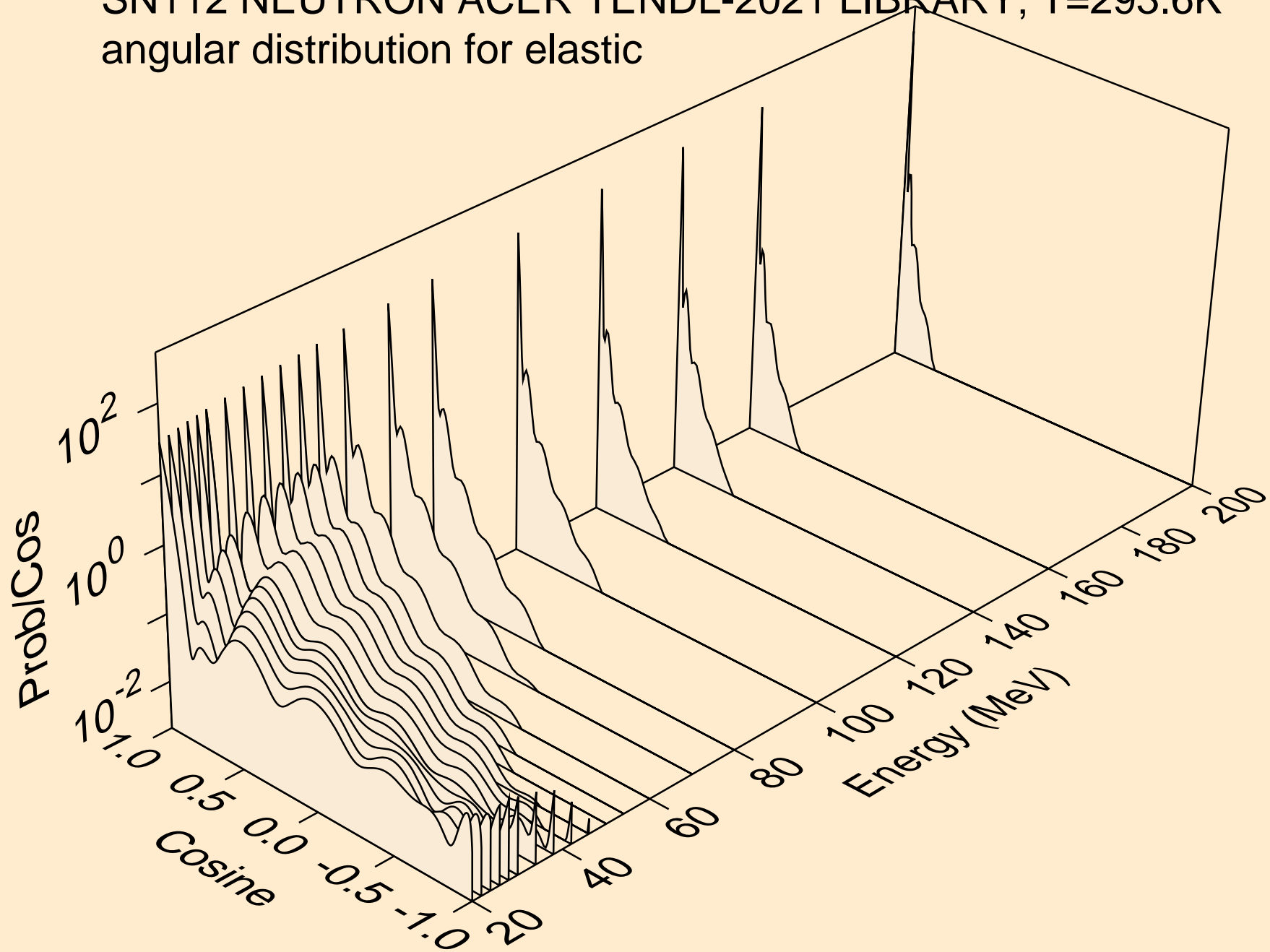
## Threshold reactions



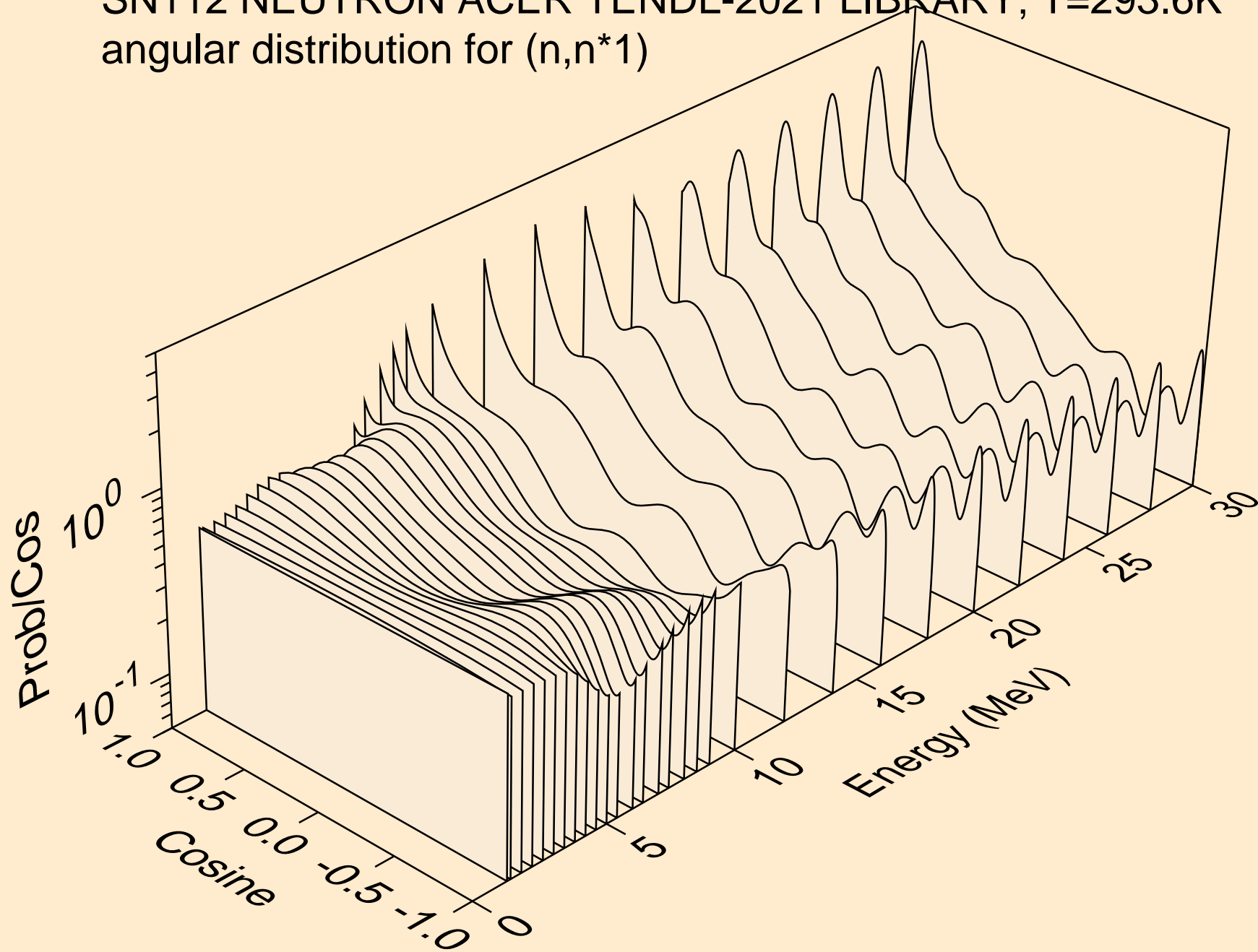
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

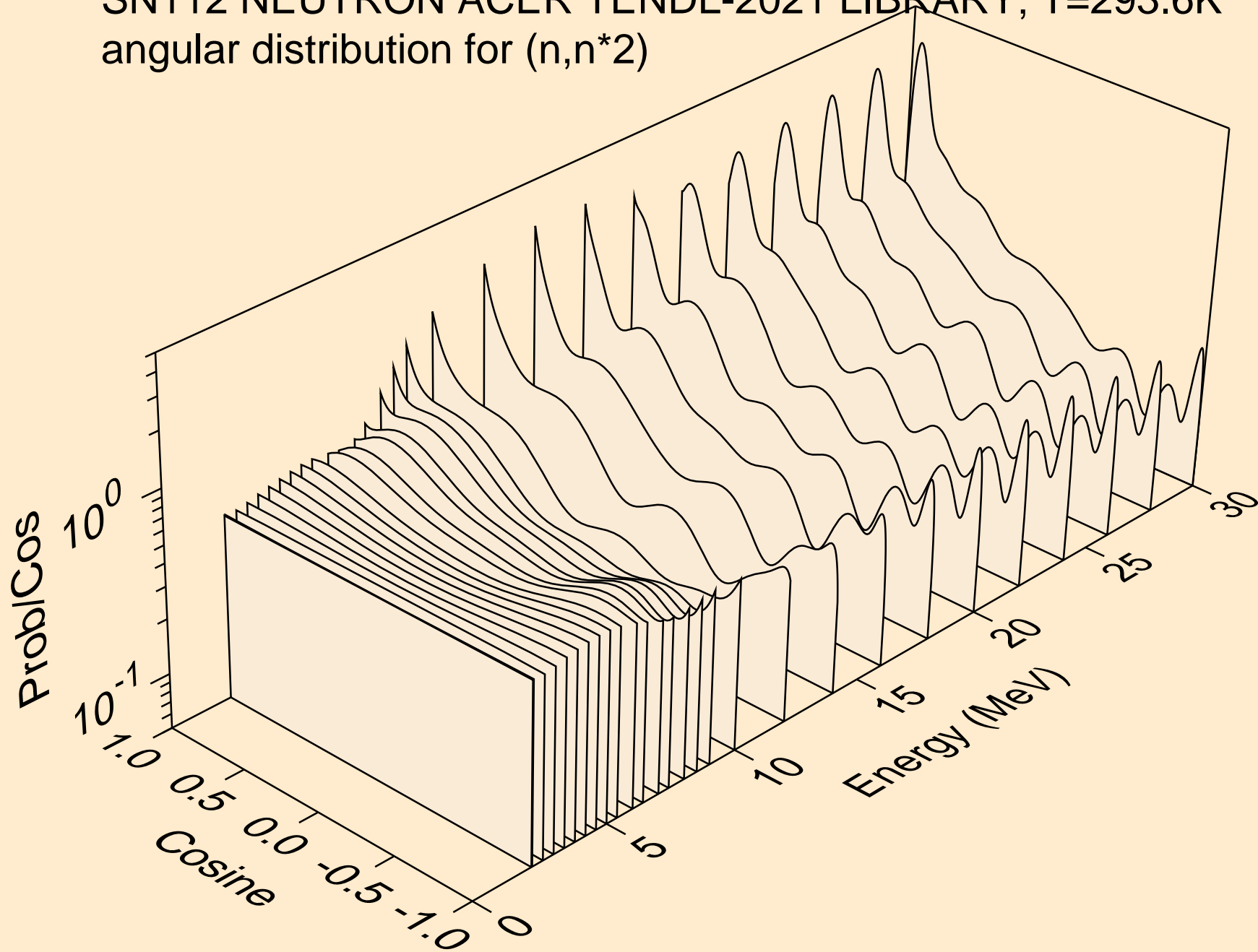


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

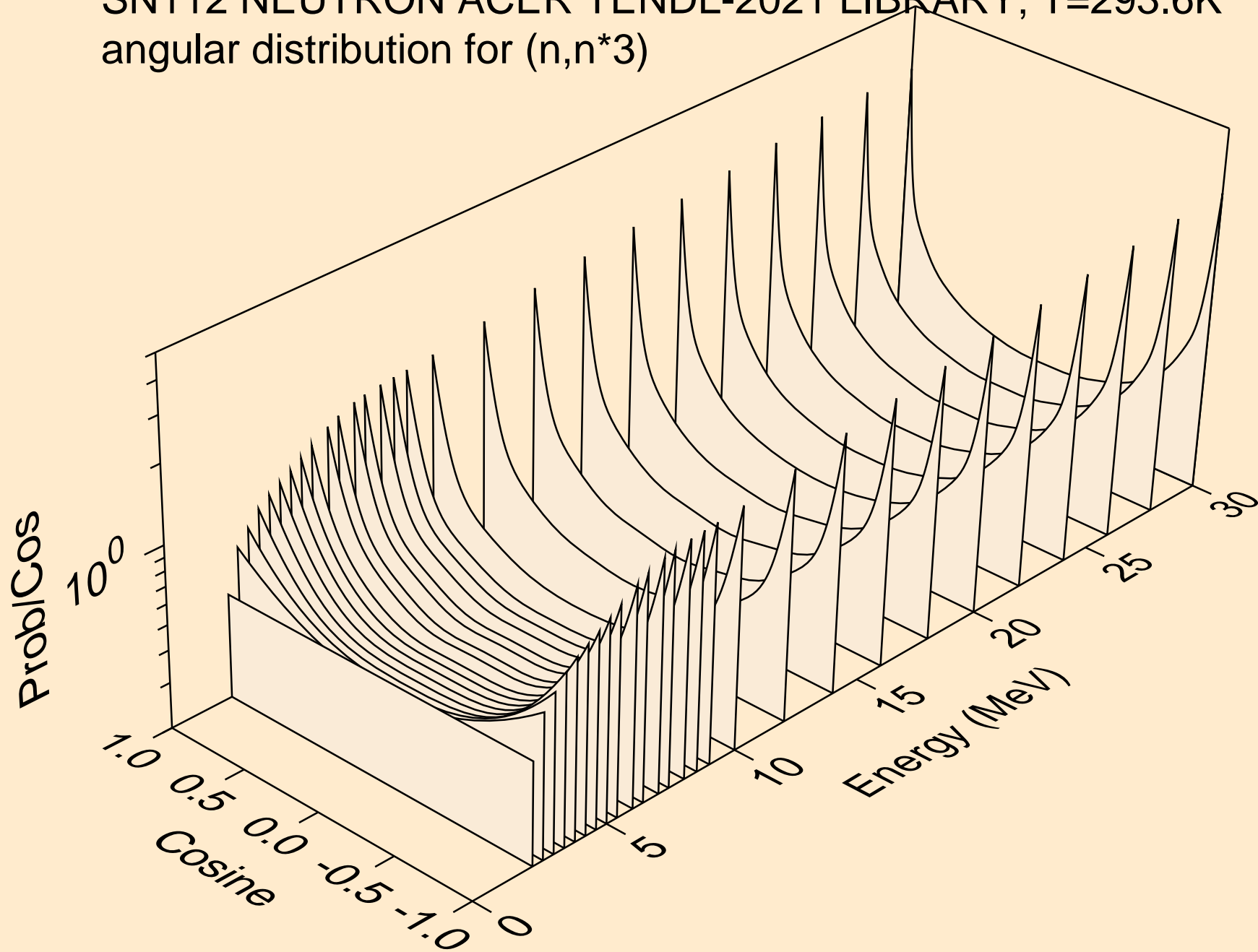




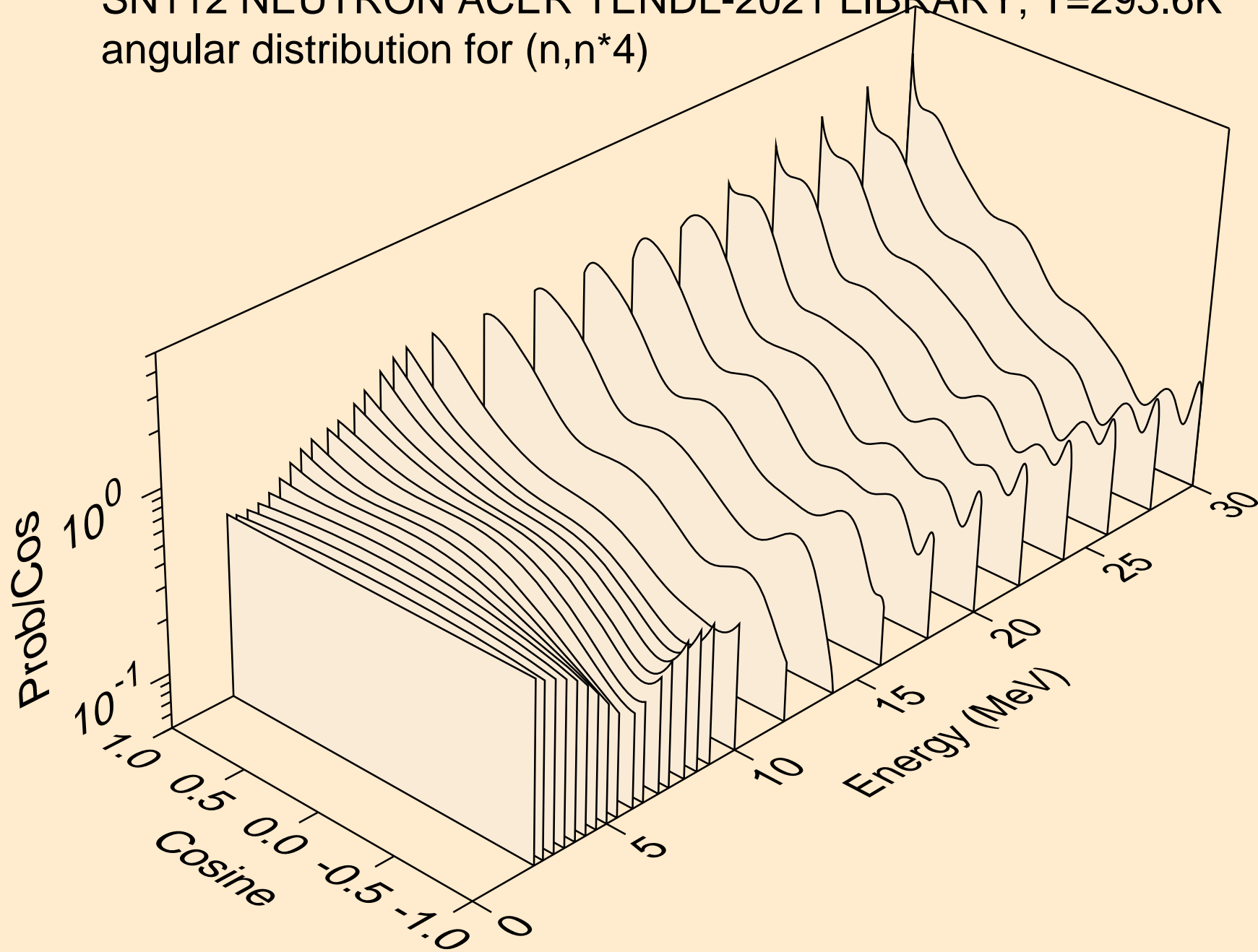
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



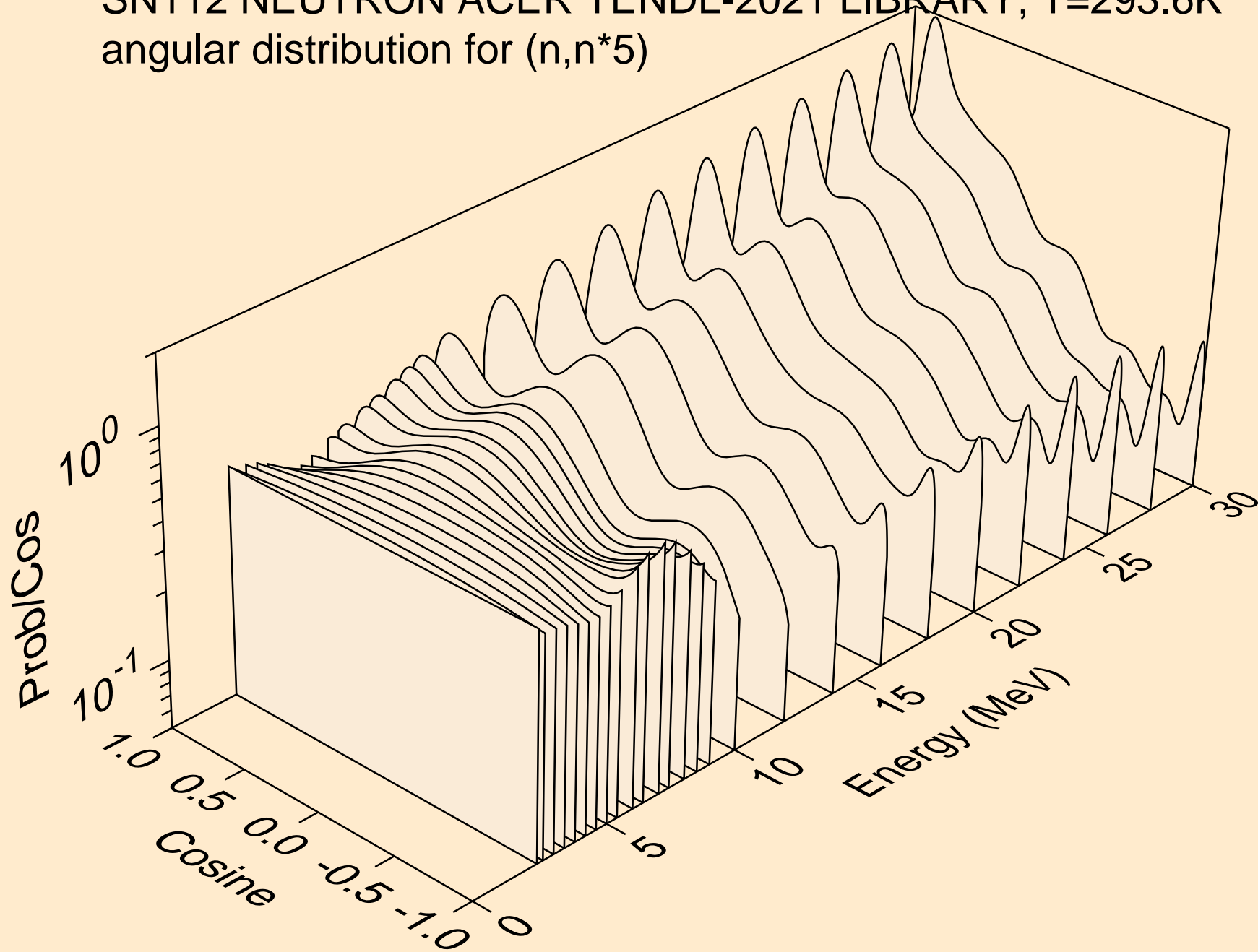
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



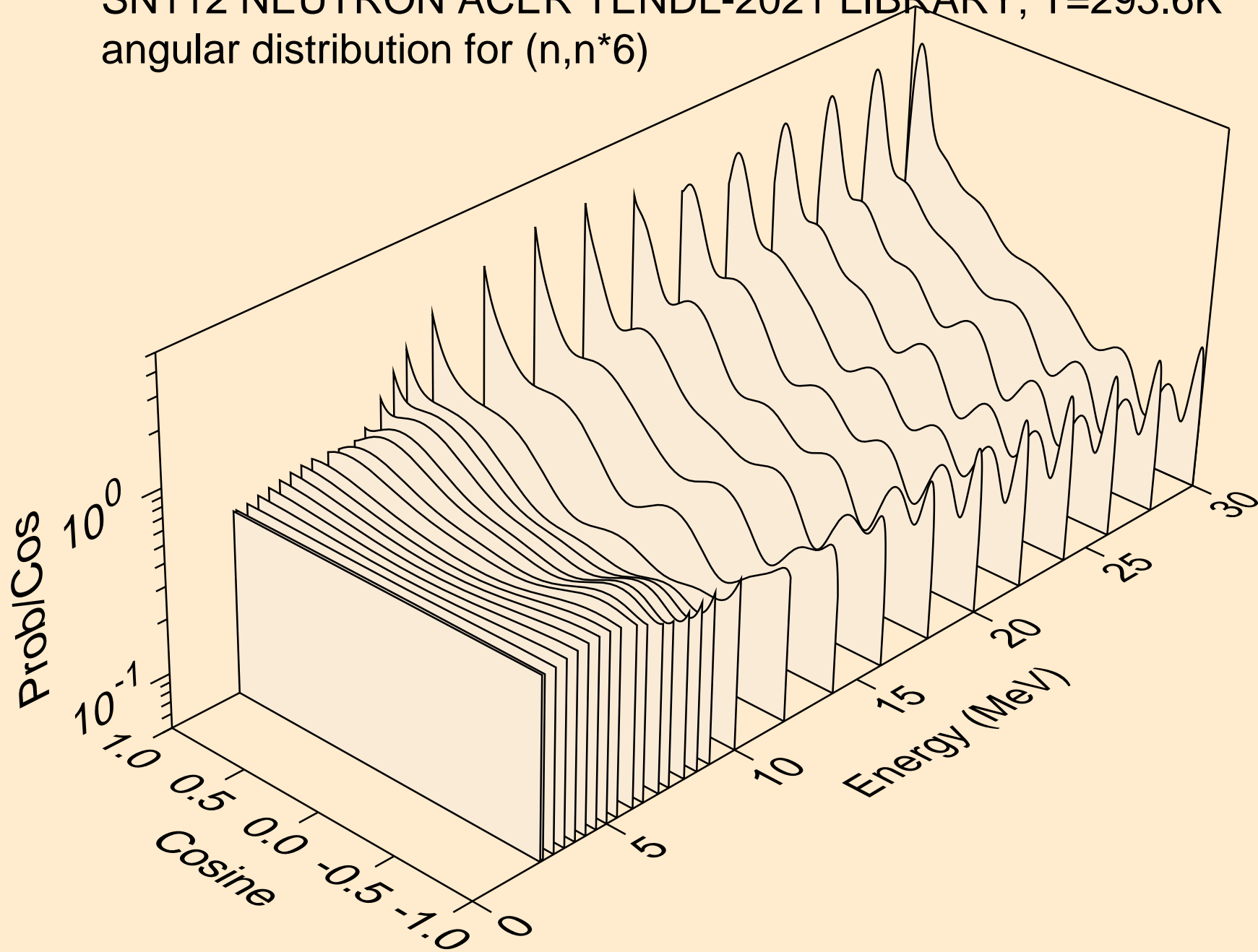
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



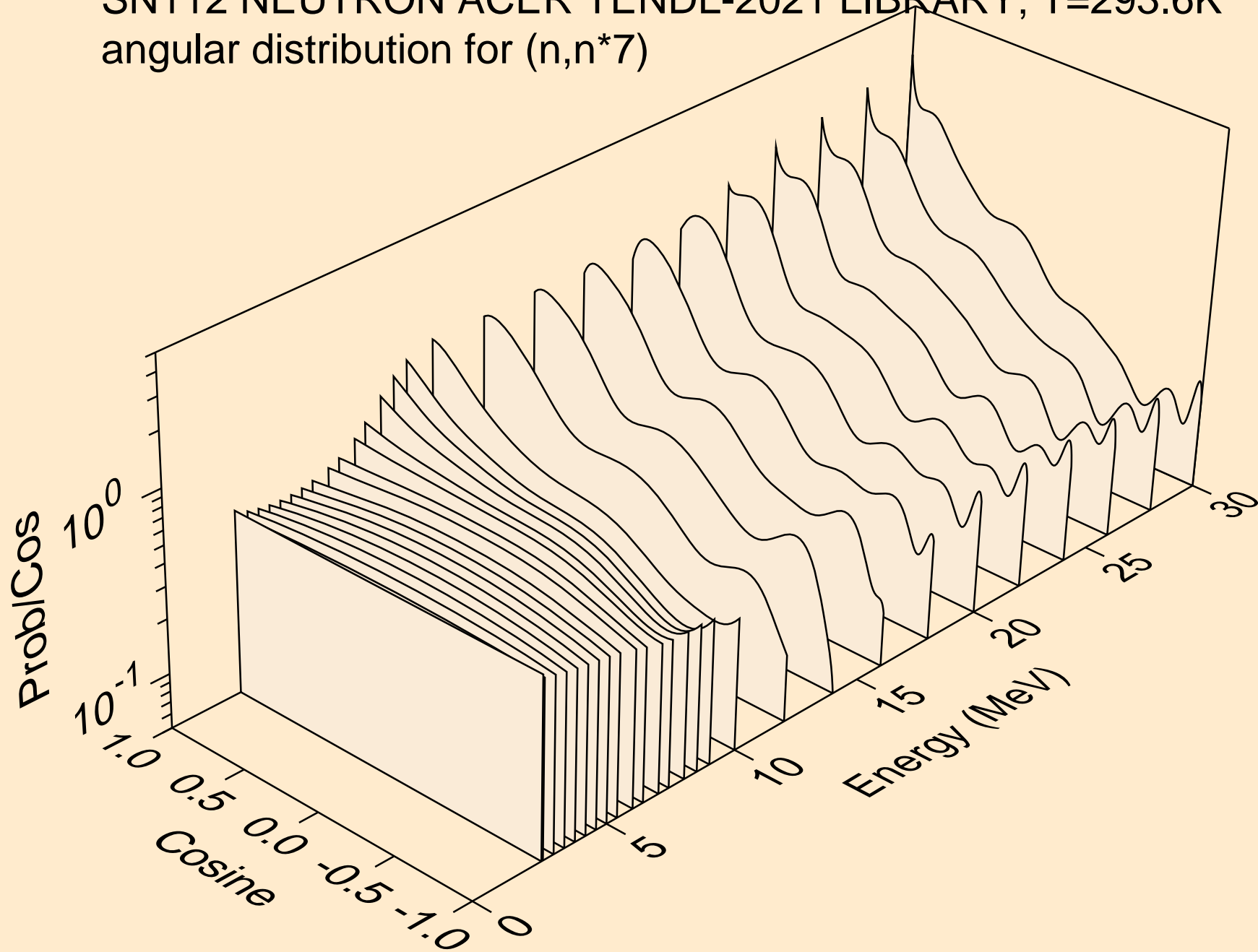
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



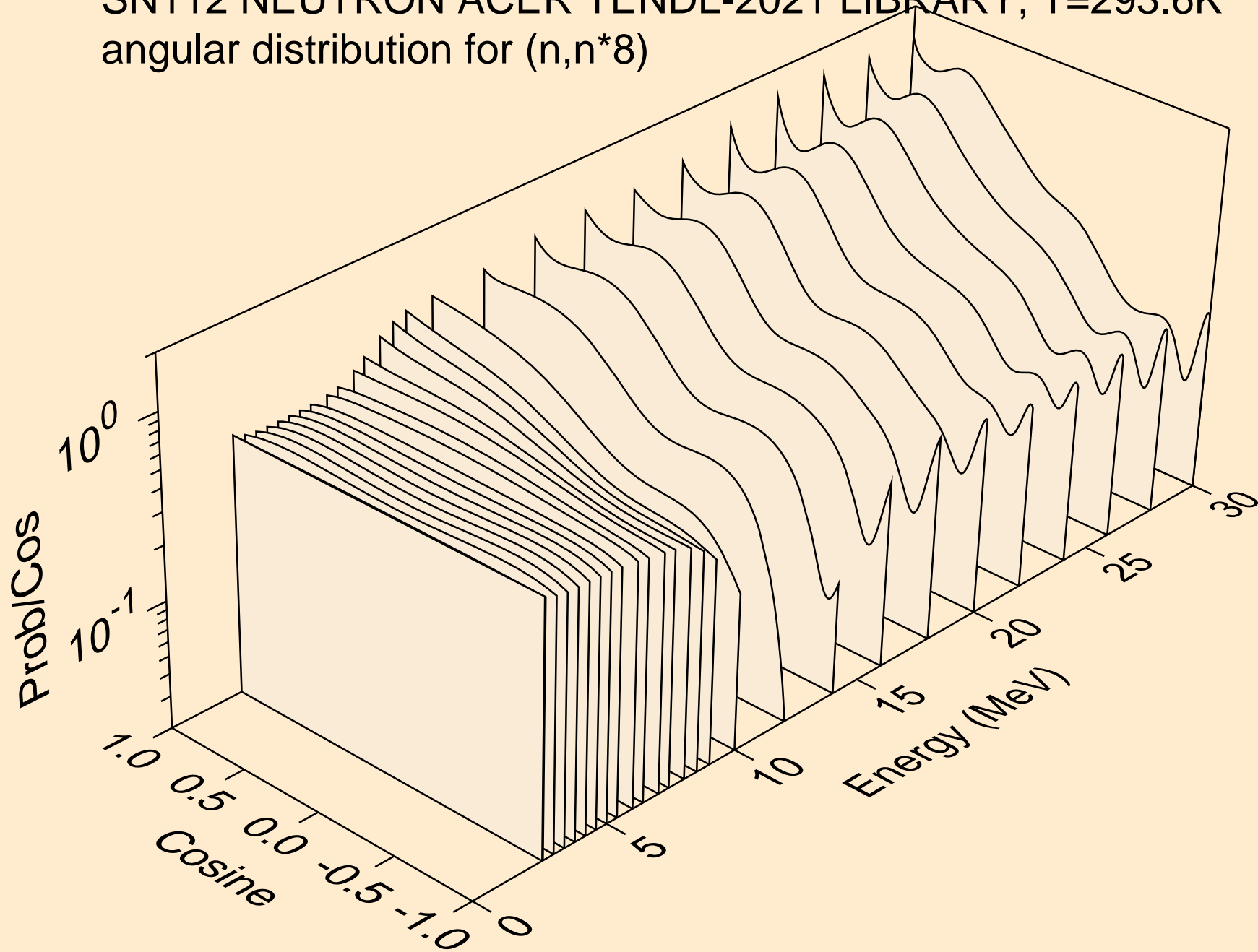
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



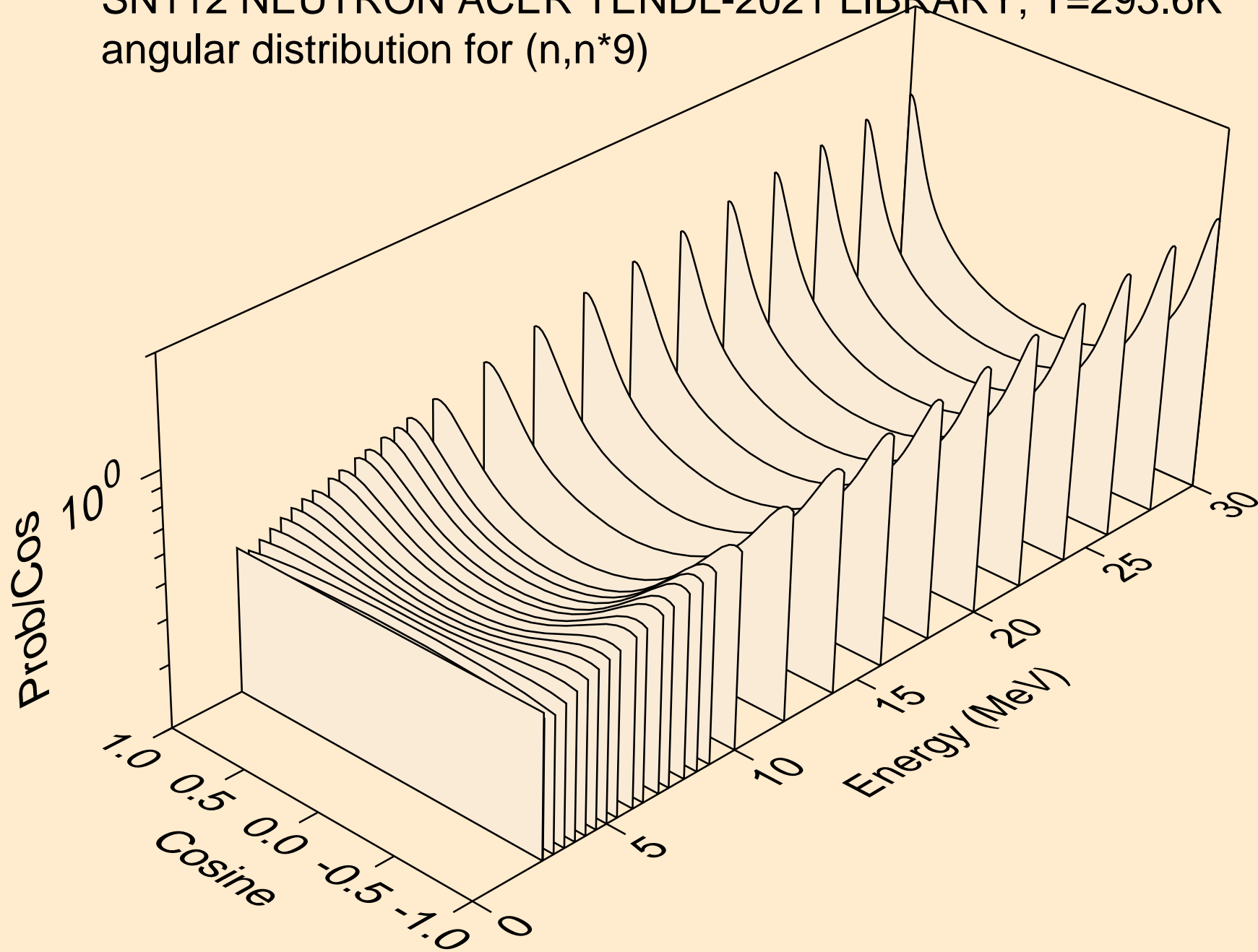
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

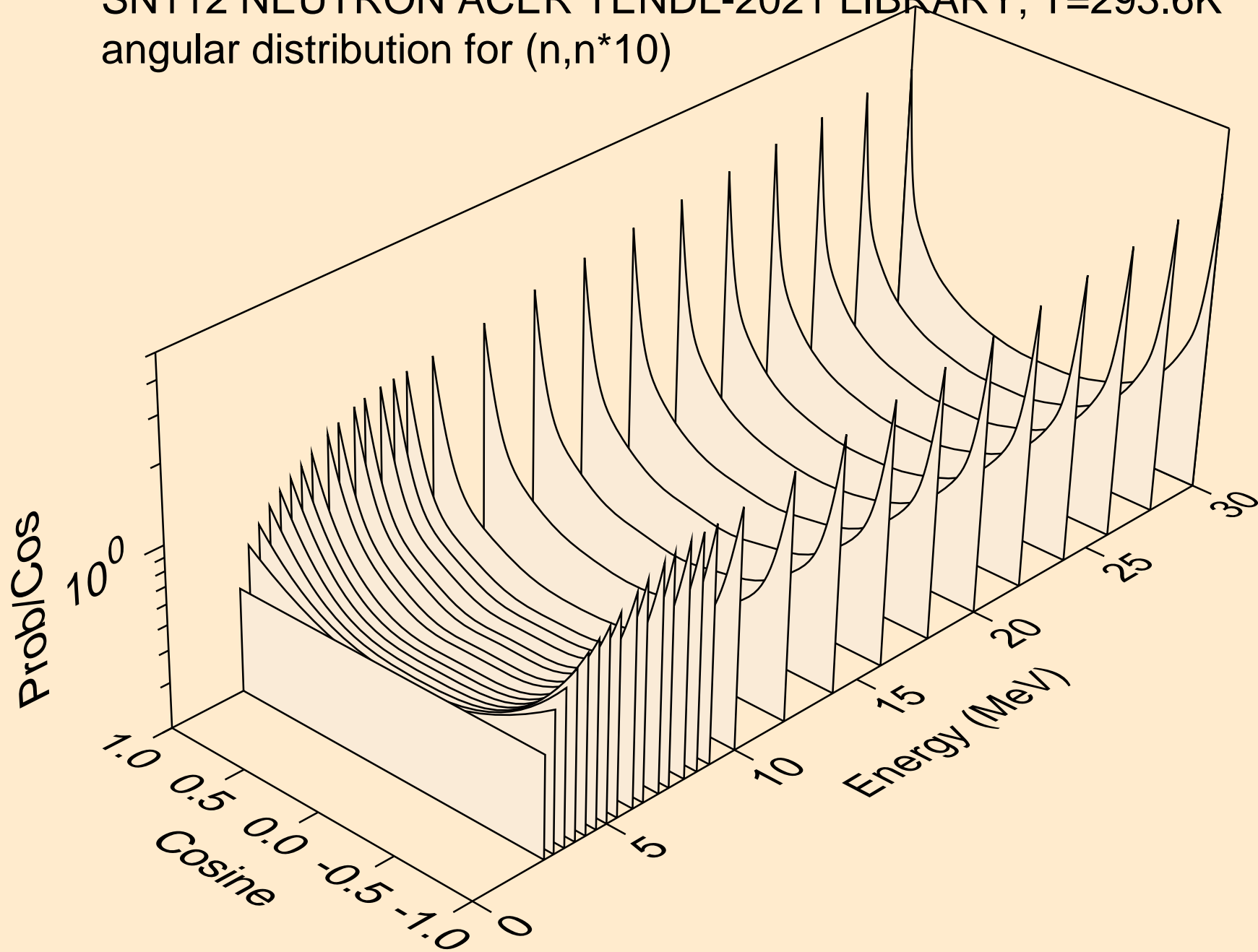


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

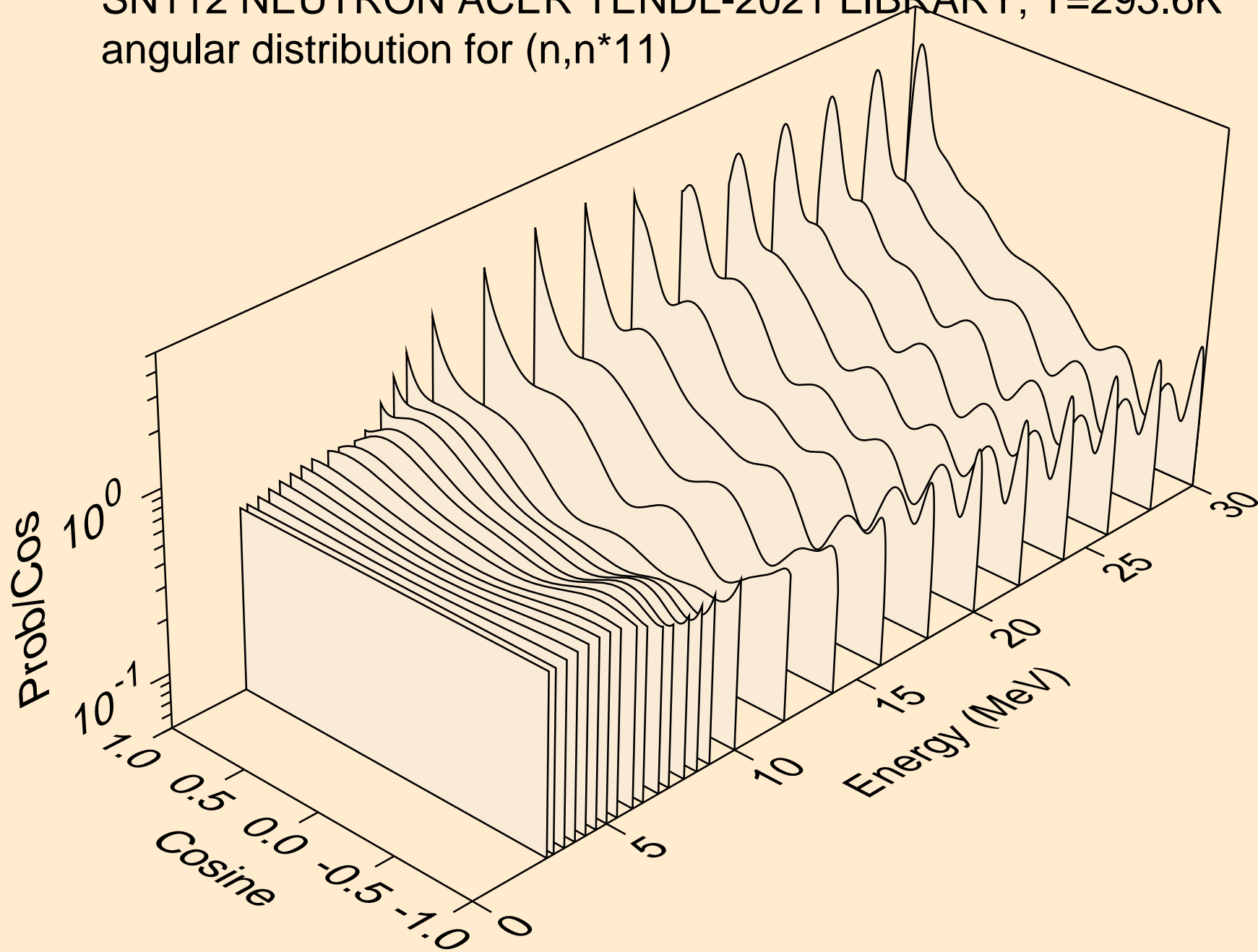




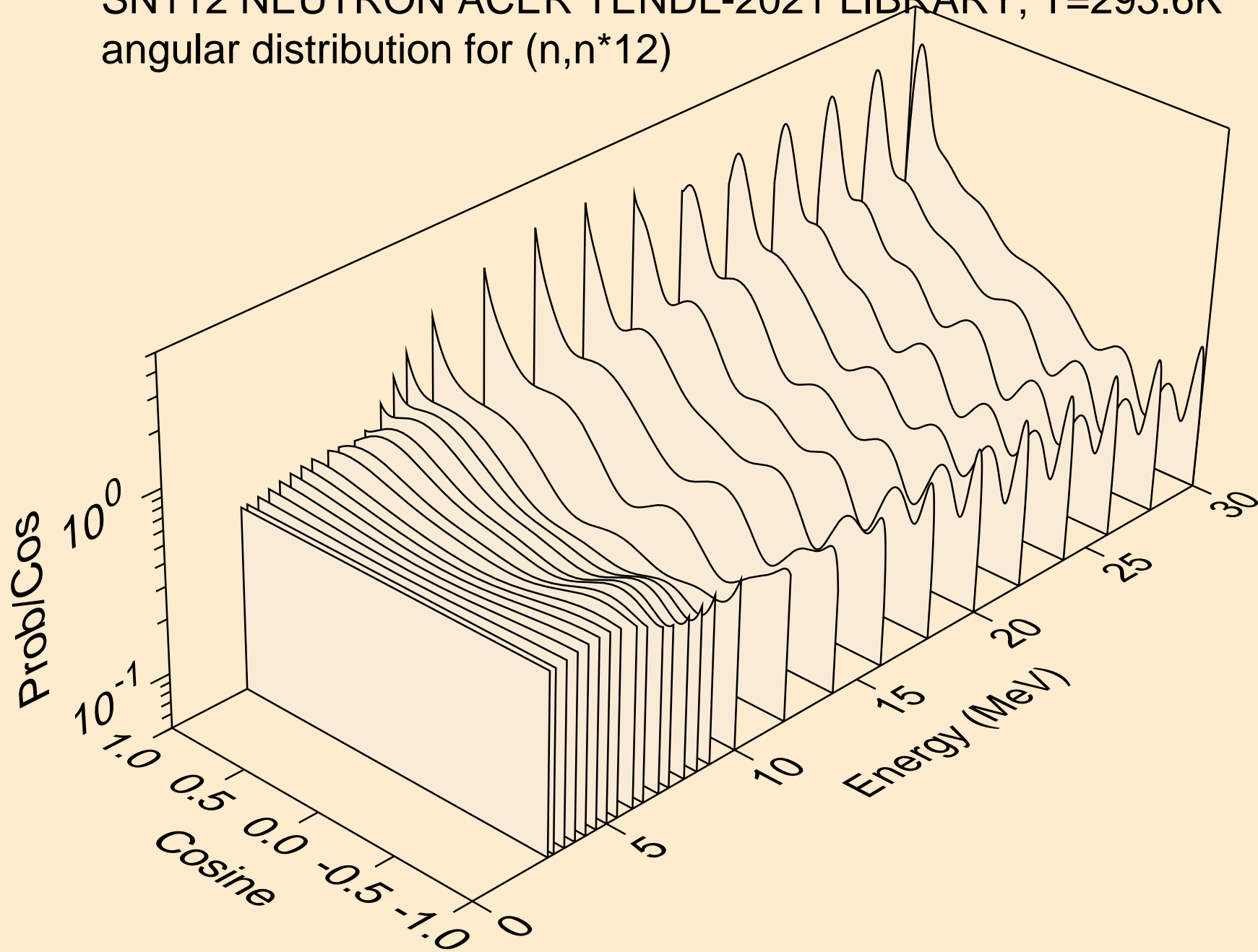
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



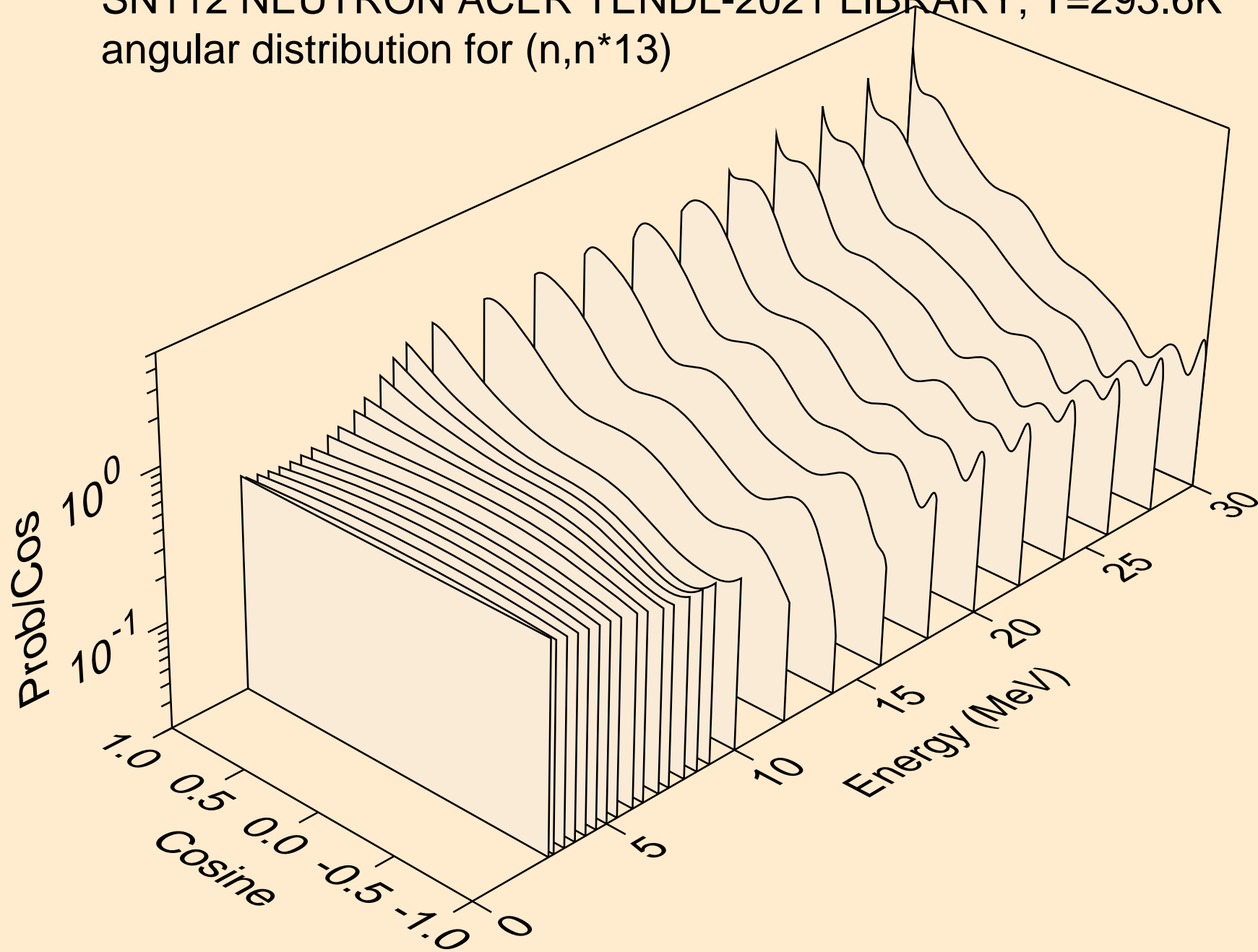
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



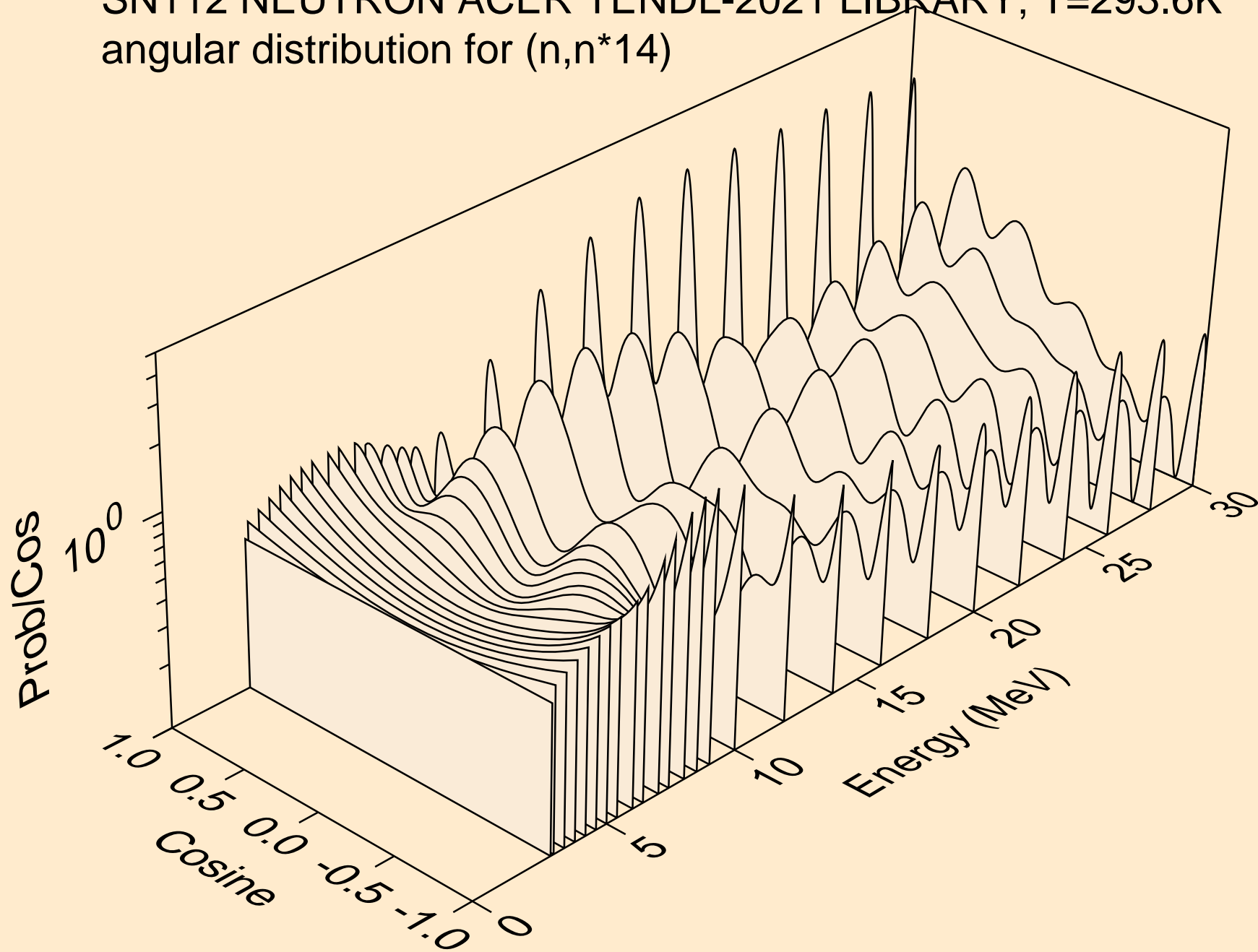
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



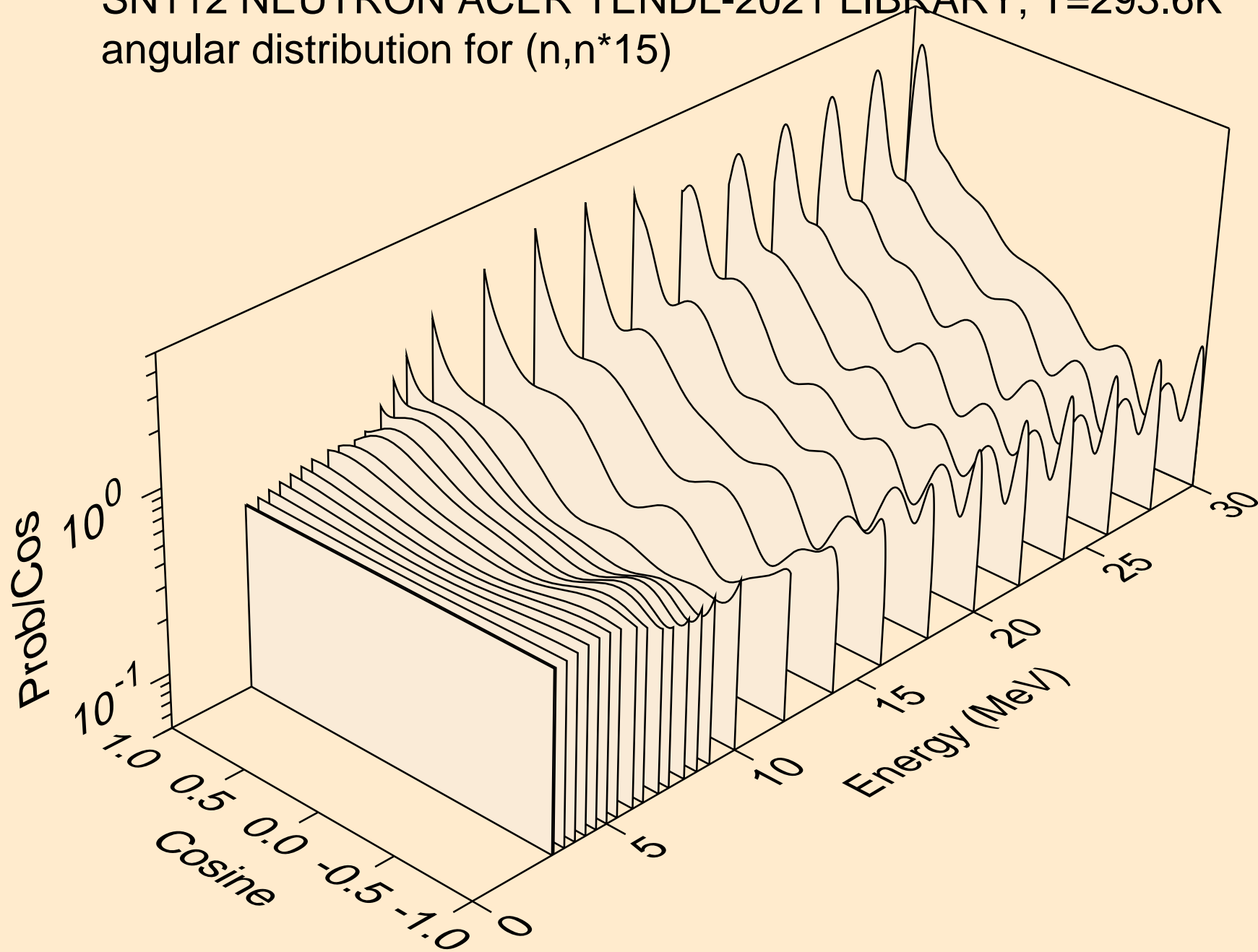
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



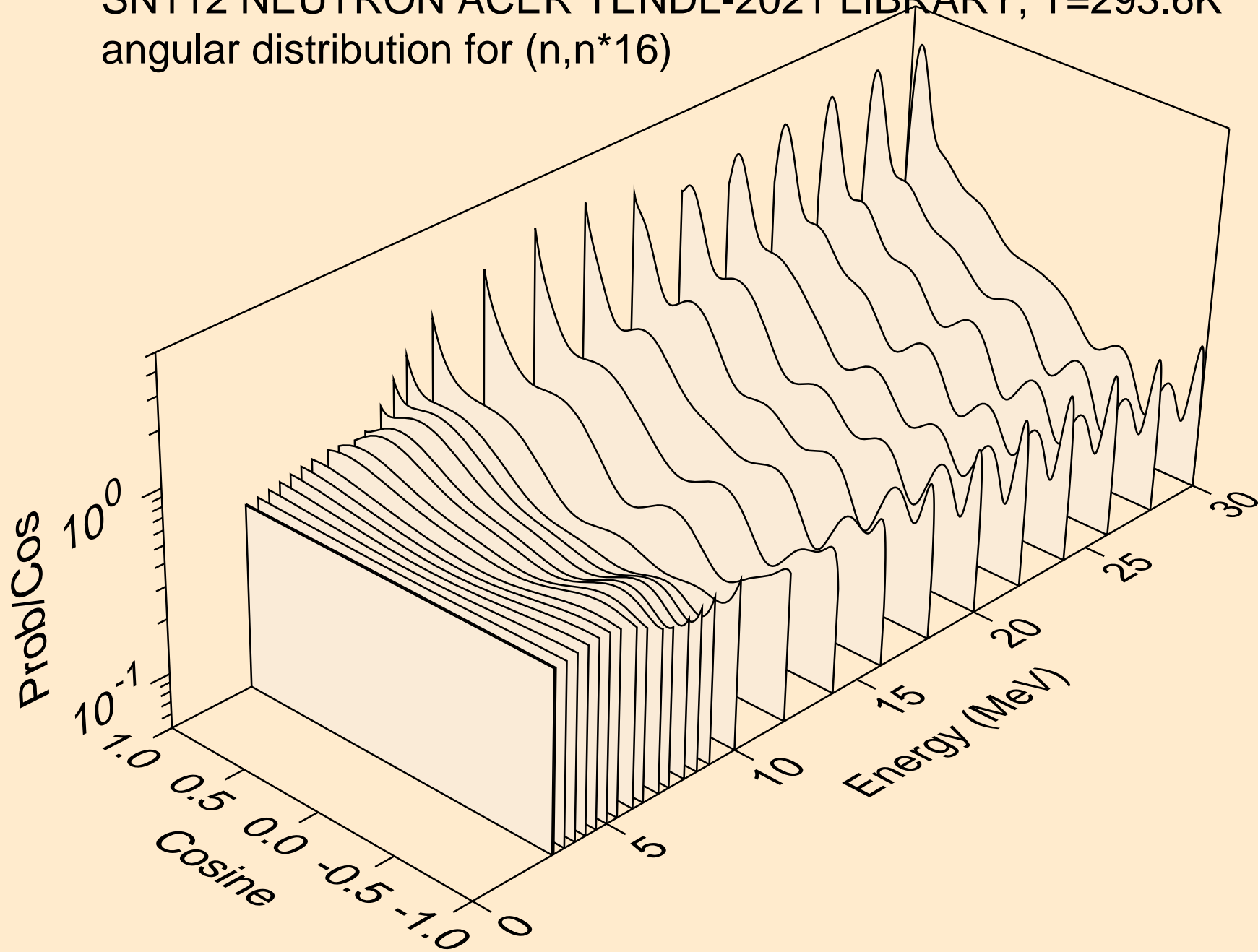
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angular distribution for (n,n\*14)



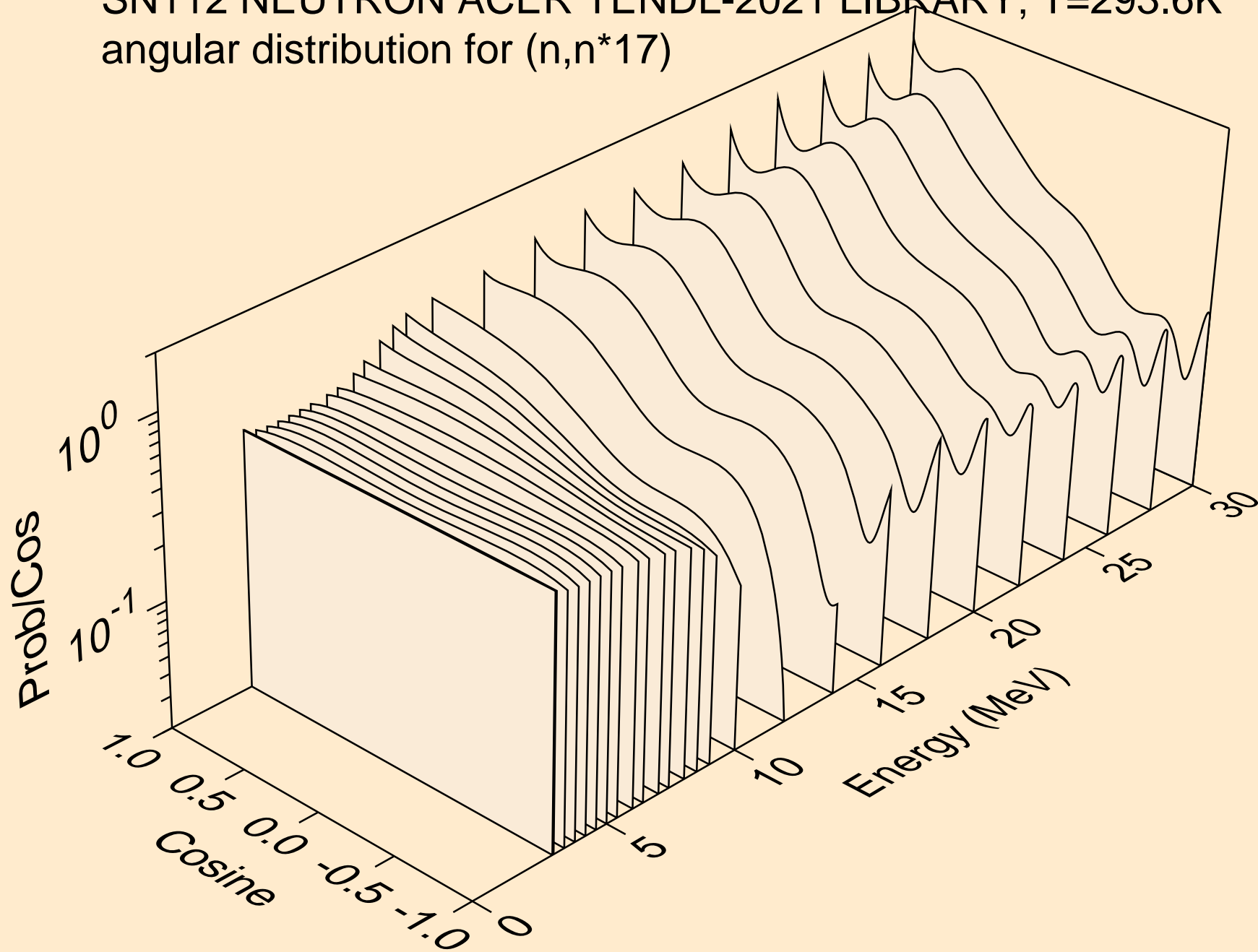
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

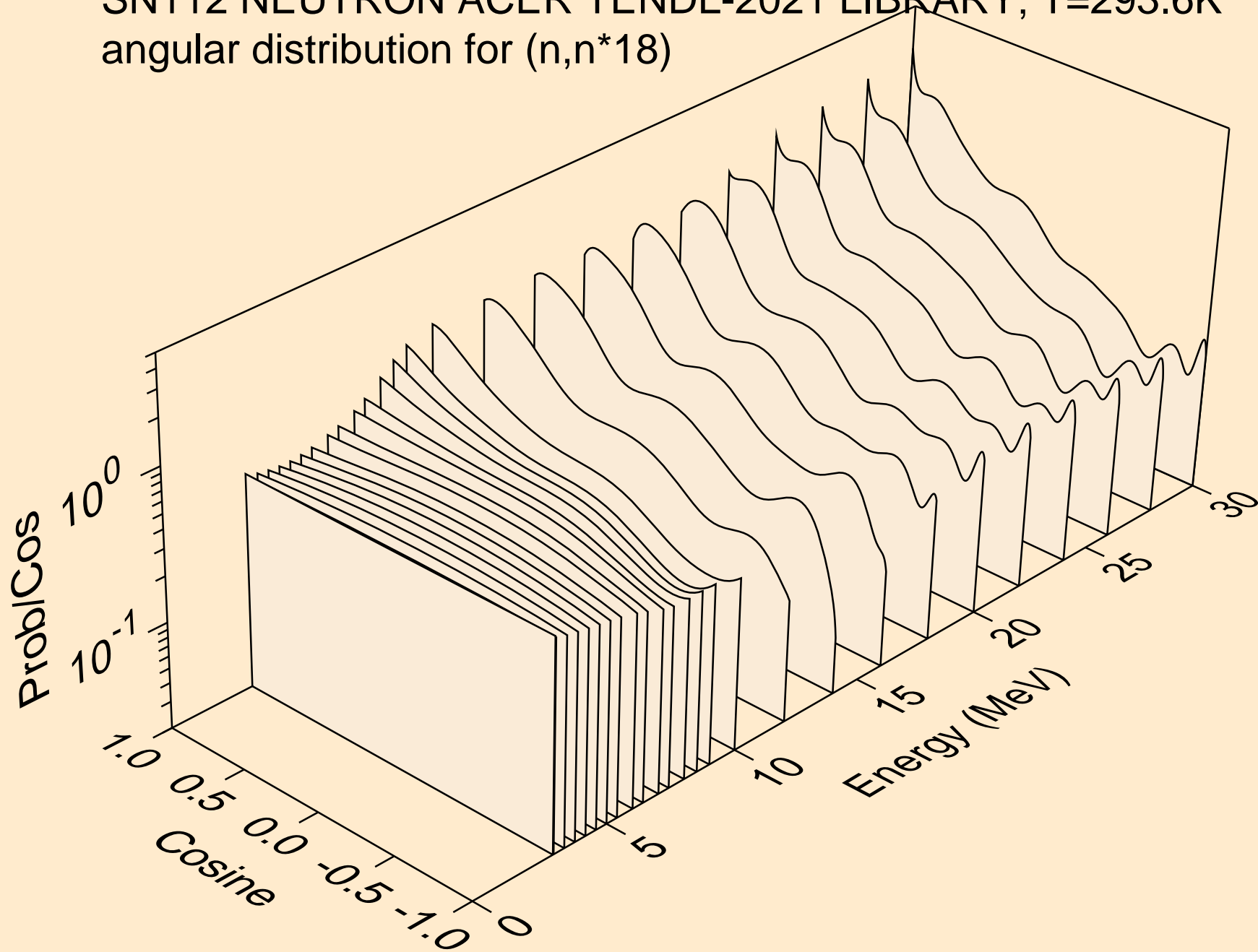


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

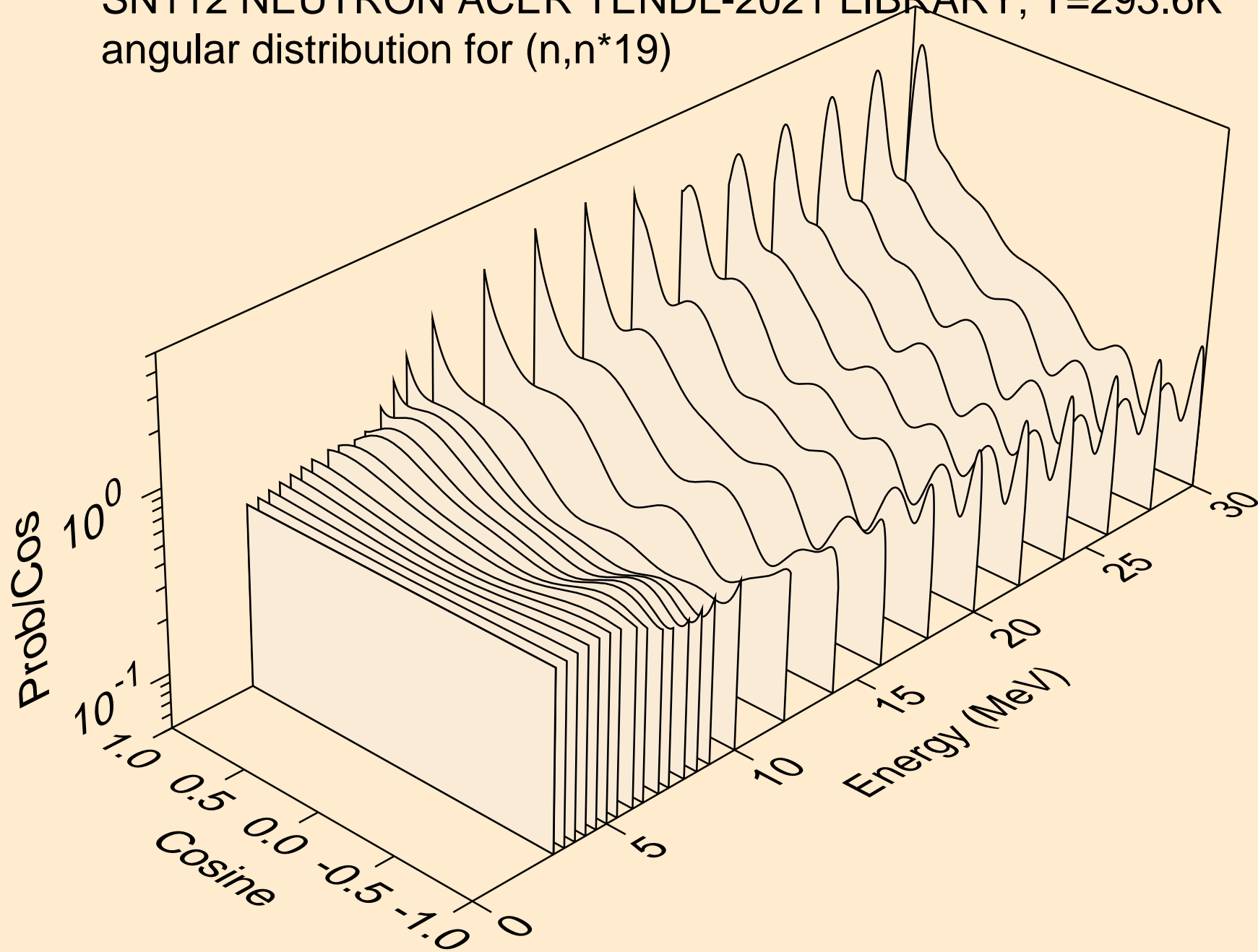




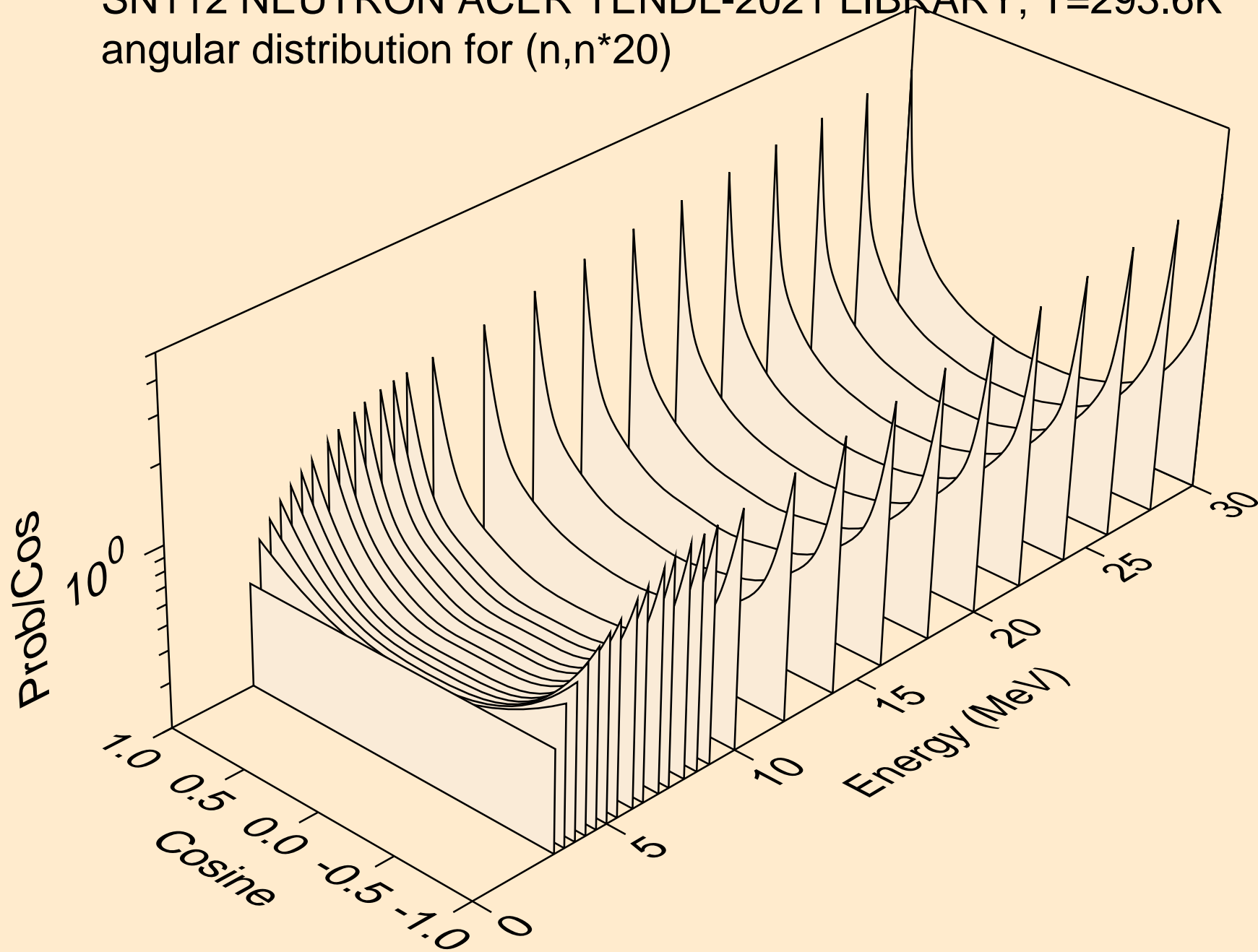
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



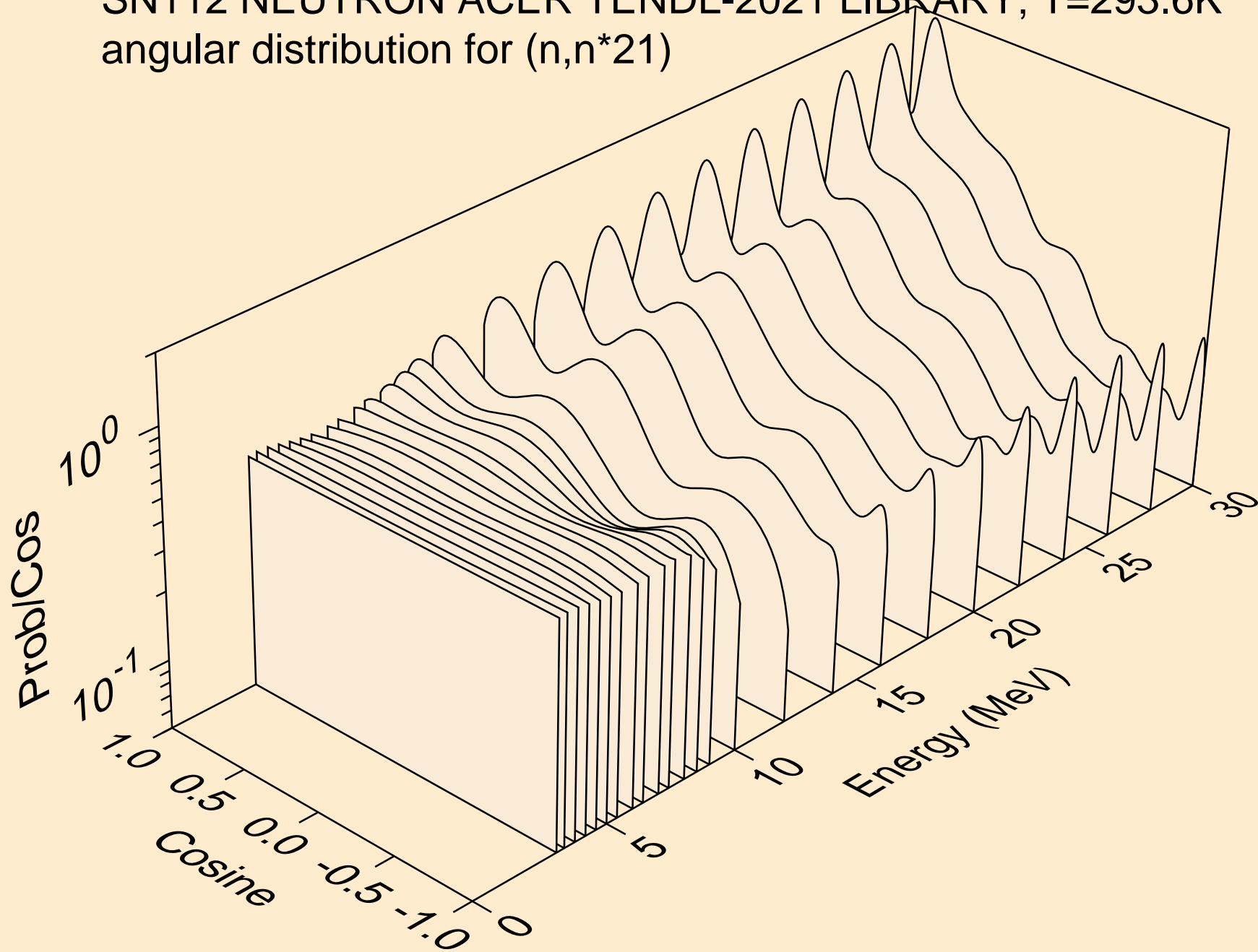
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



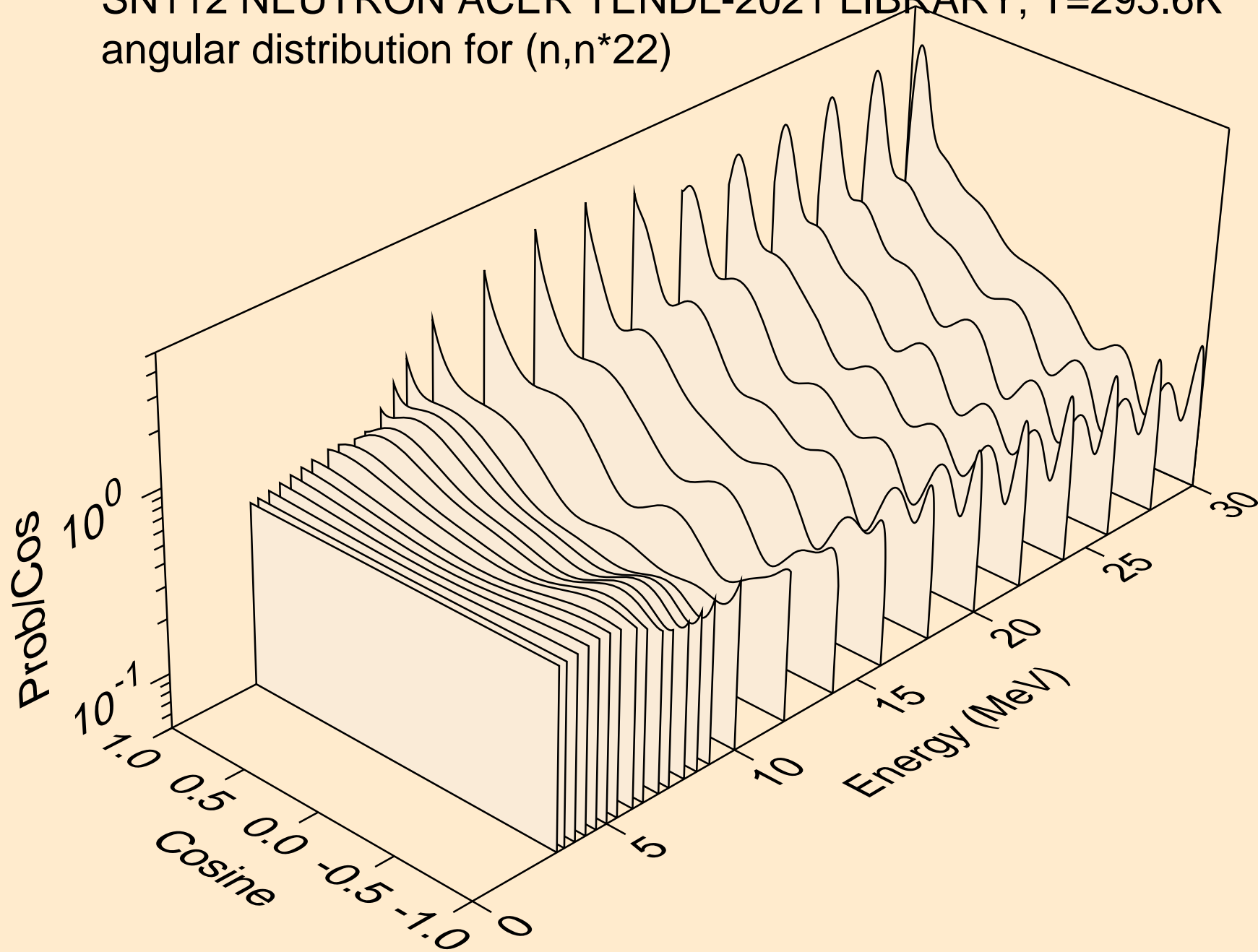
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



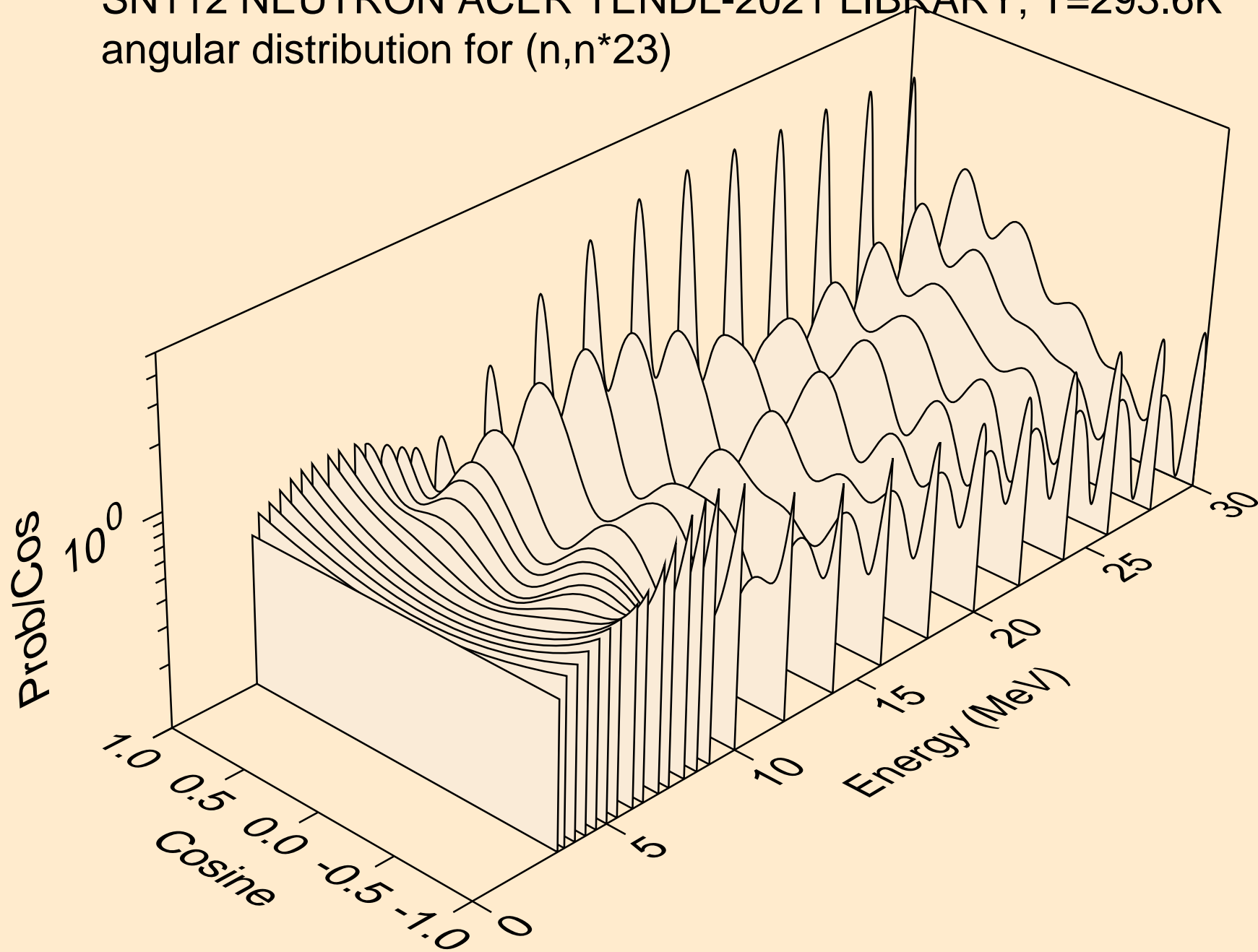
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



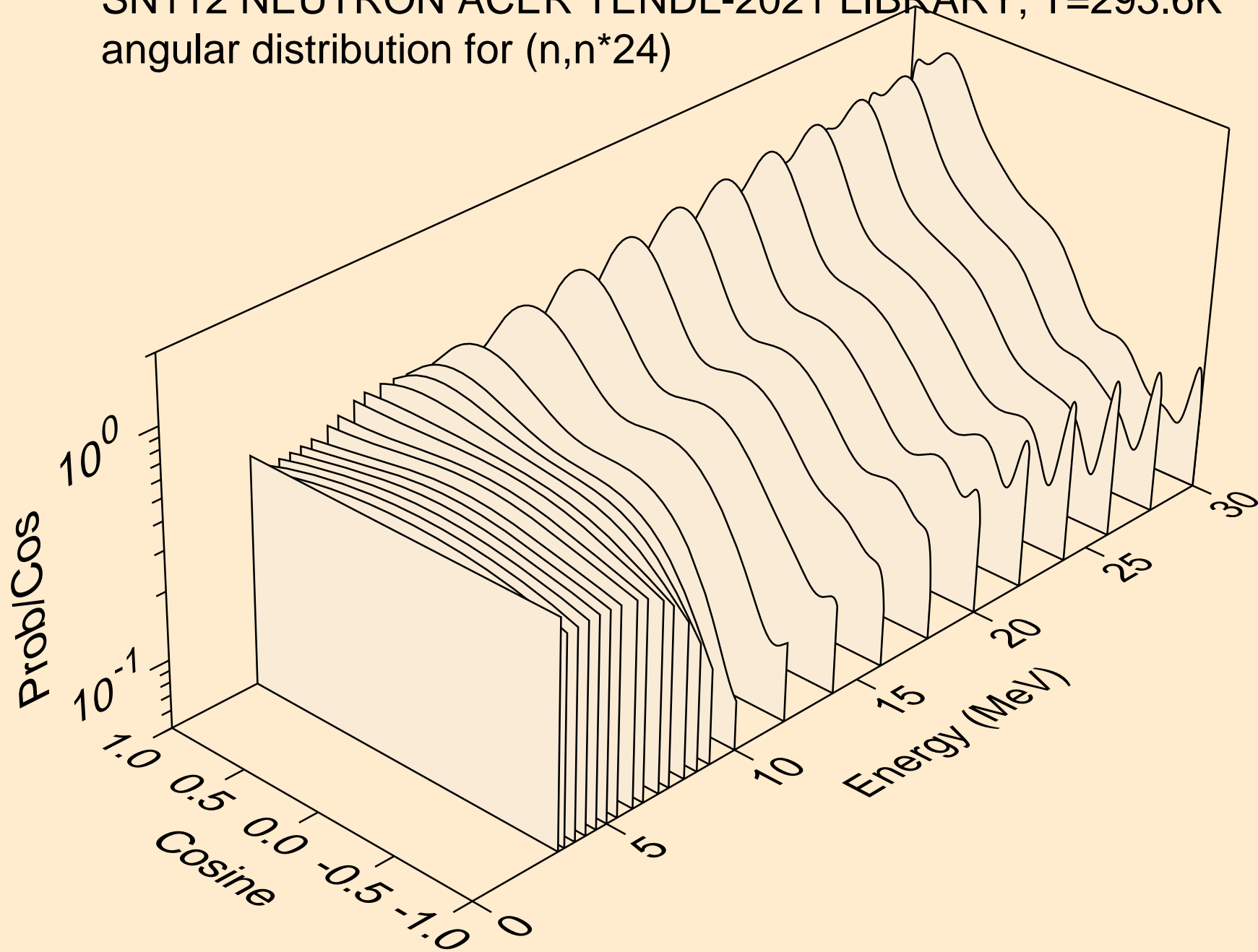
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



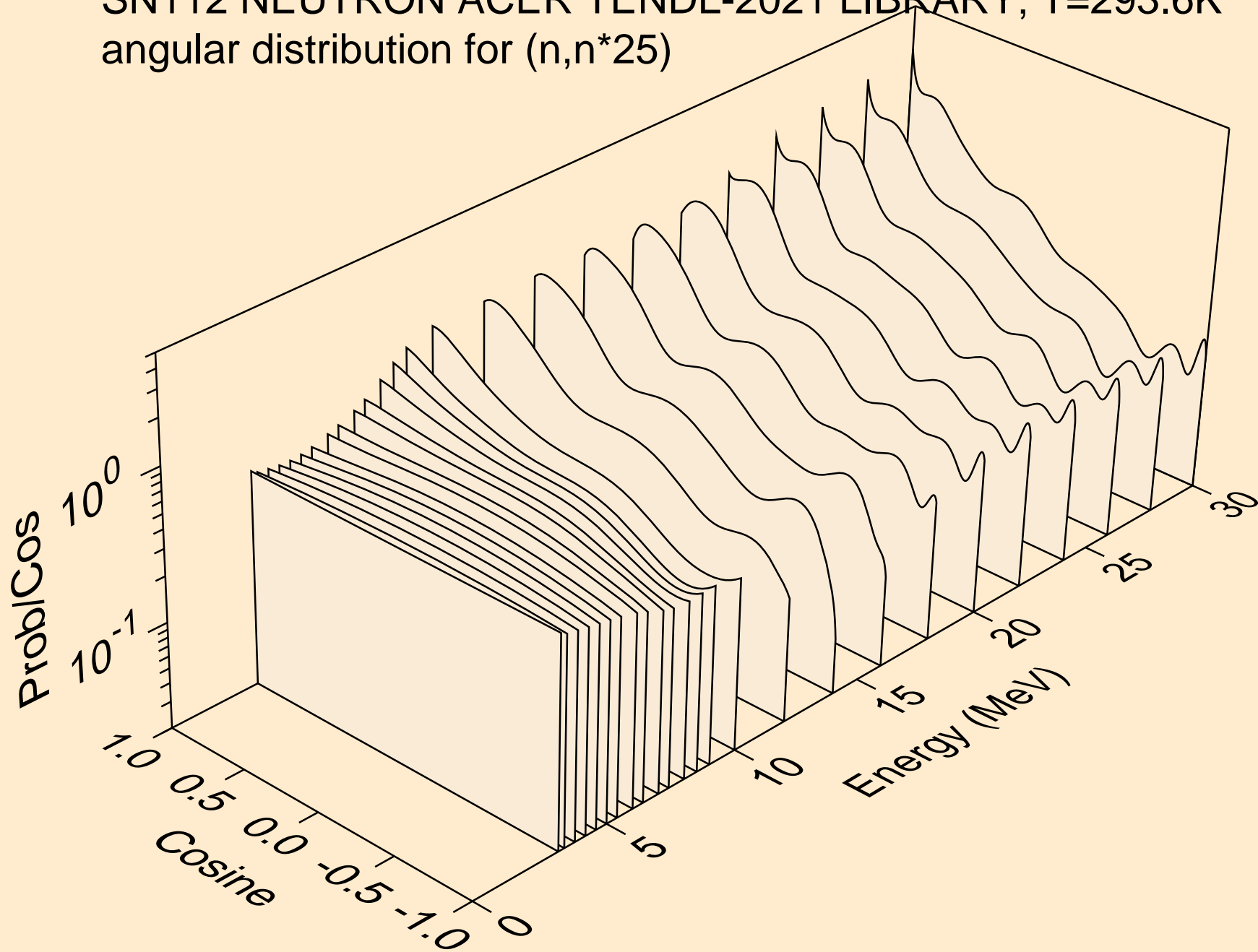
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

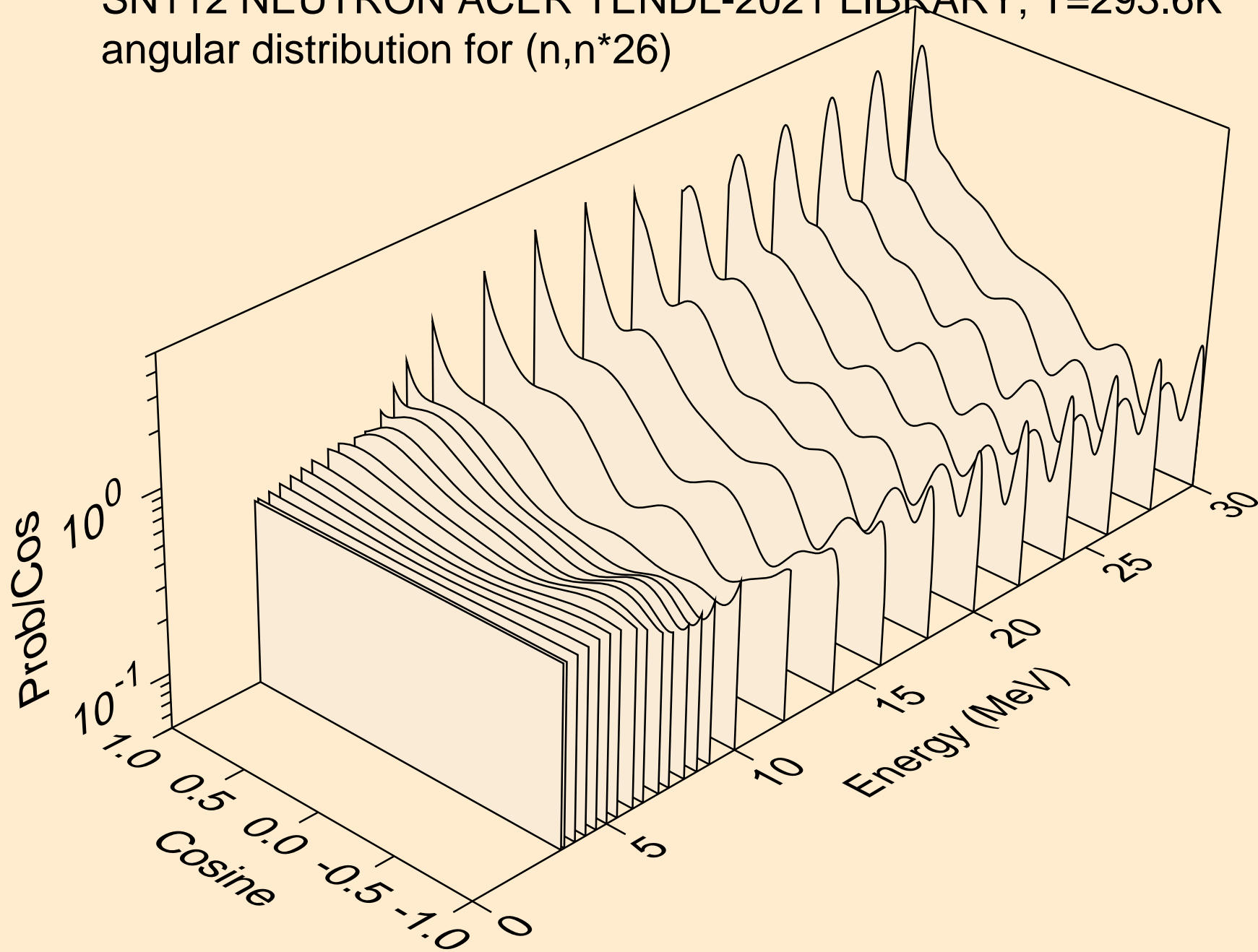


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

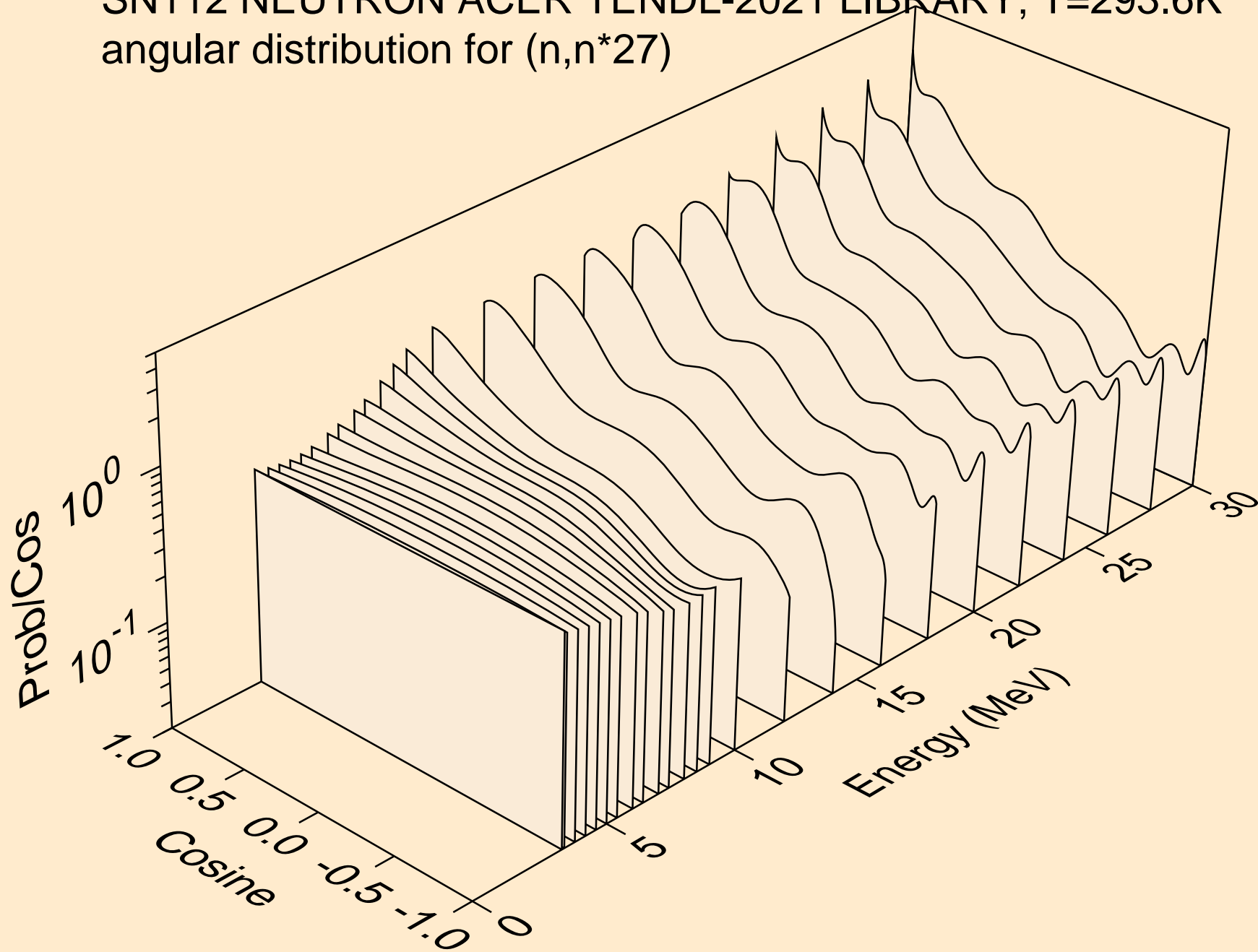




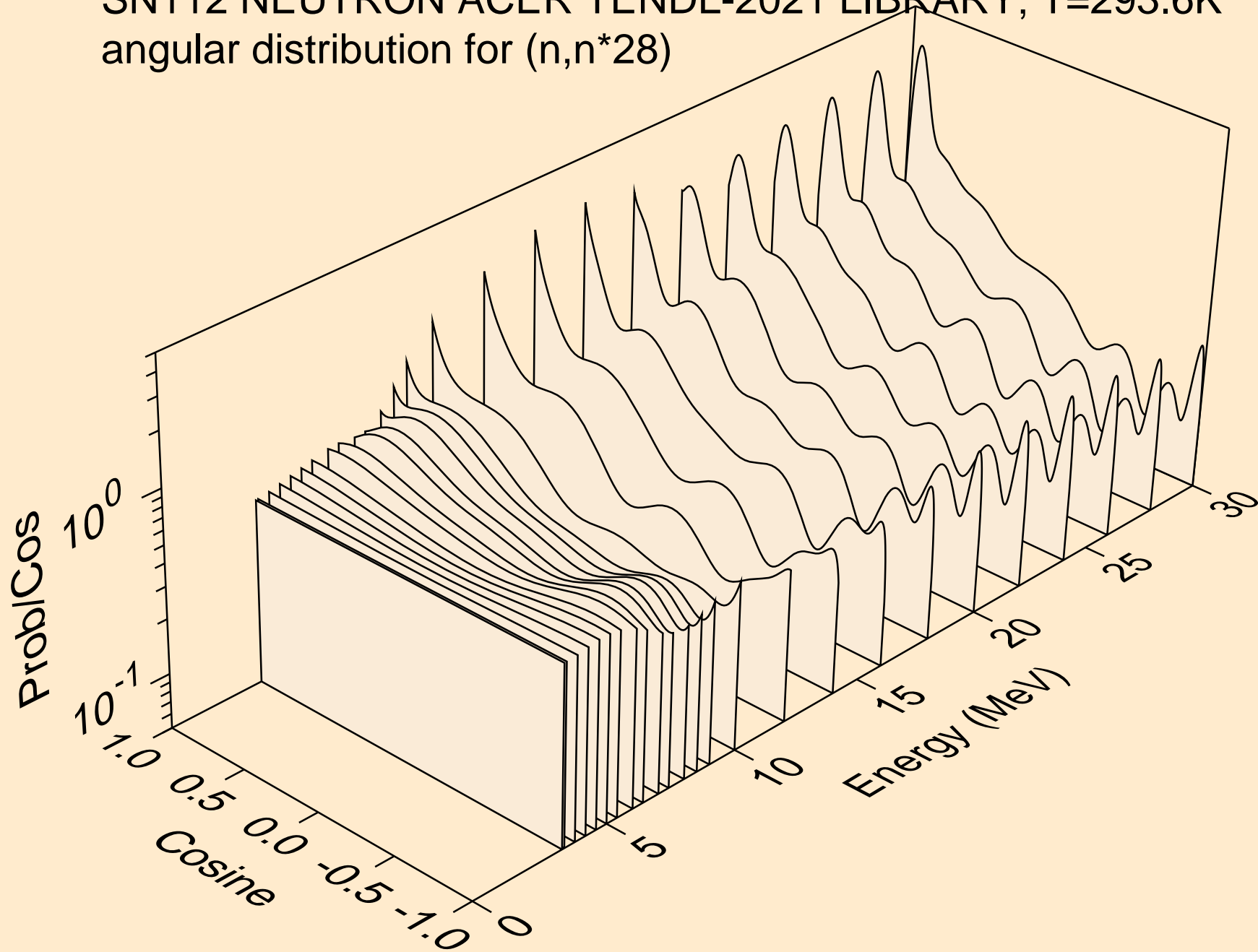
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



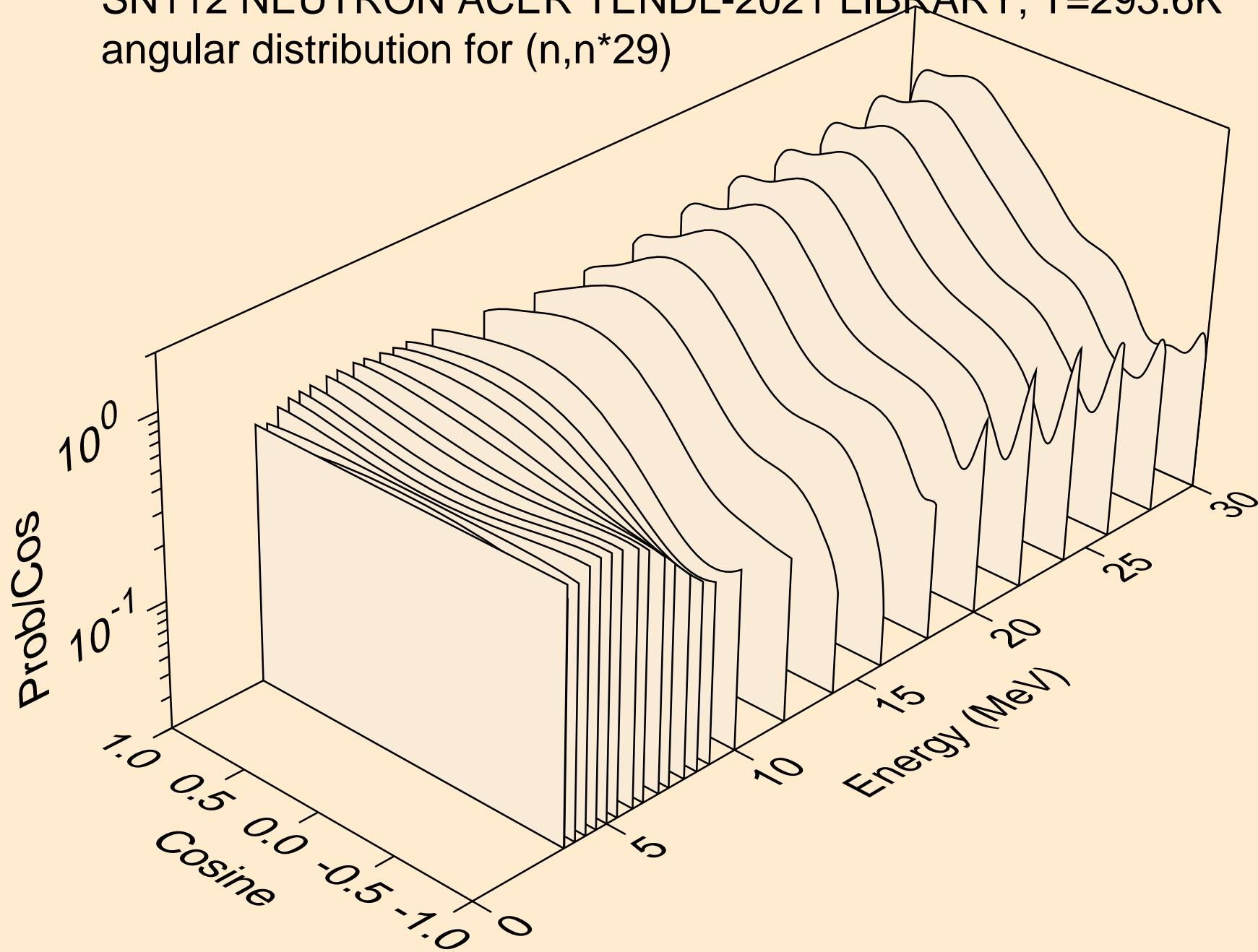
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



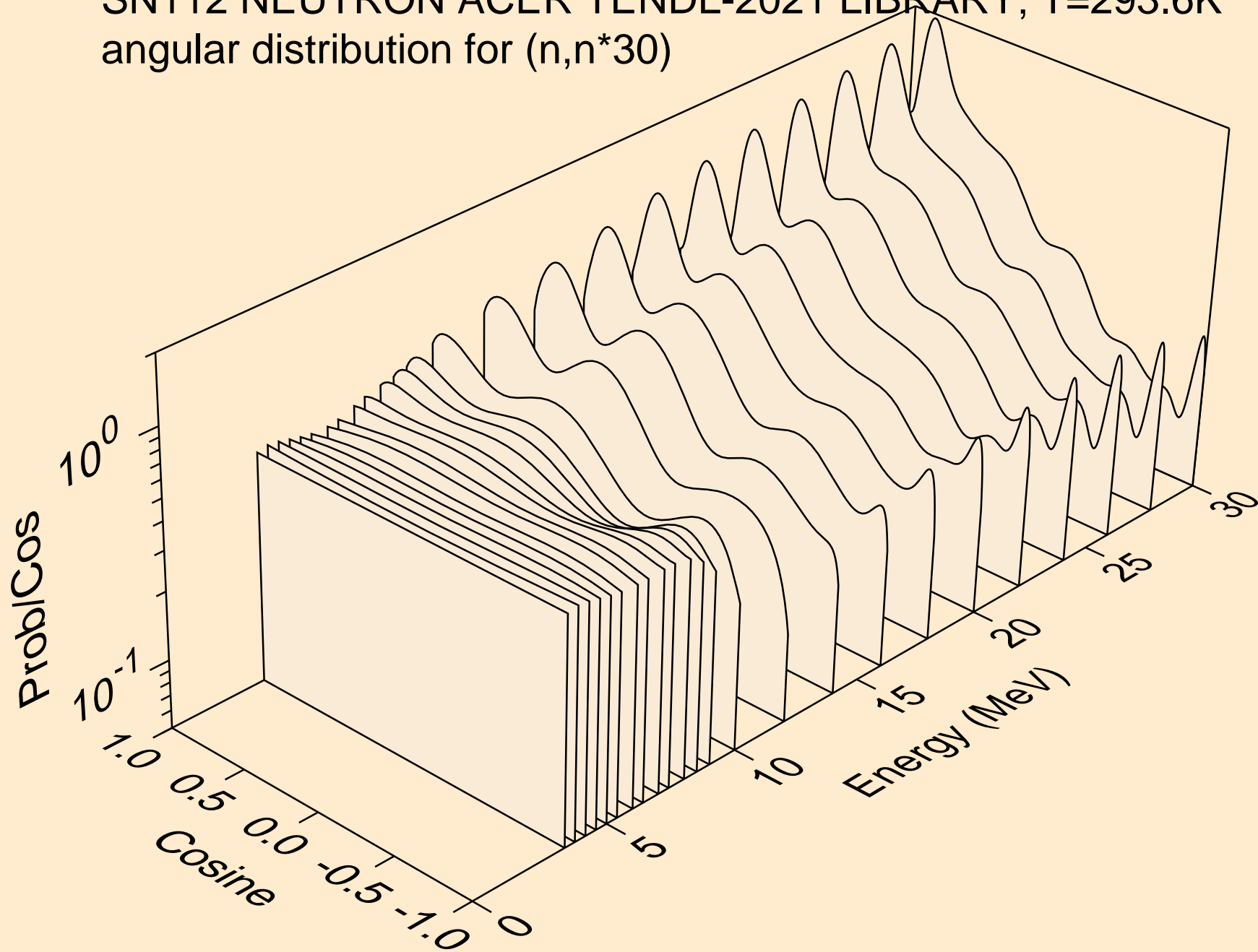
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



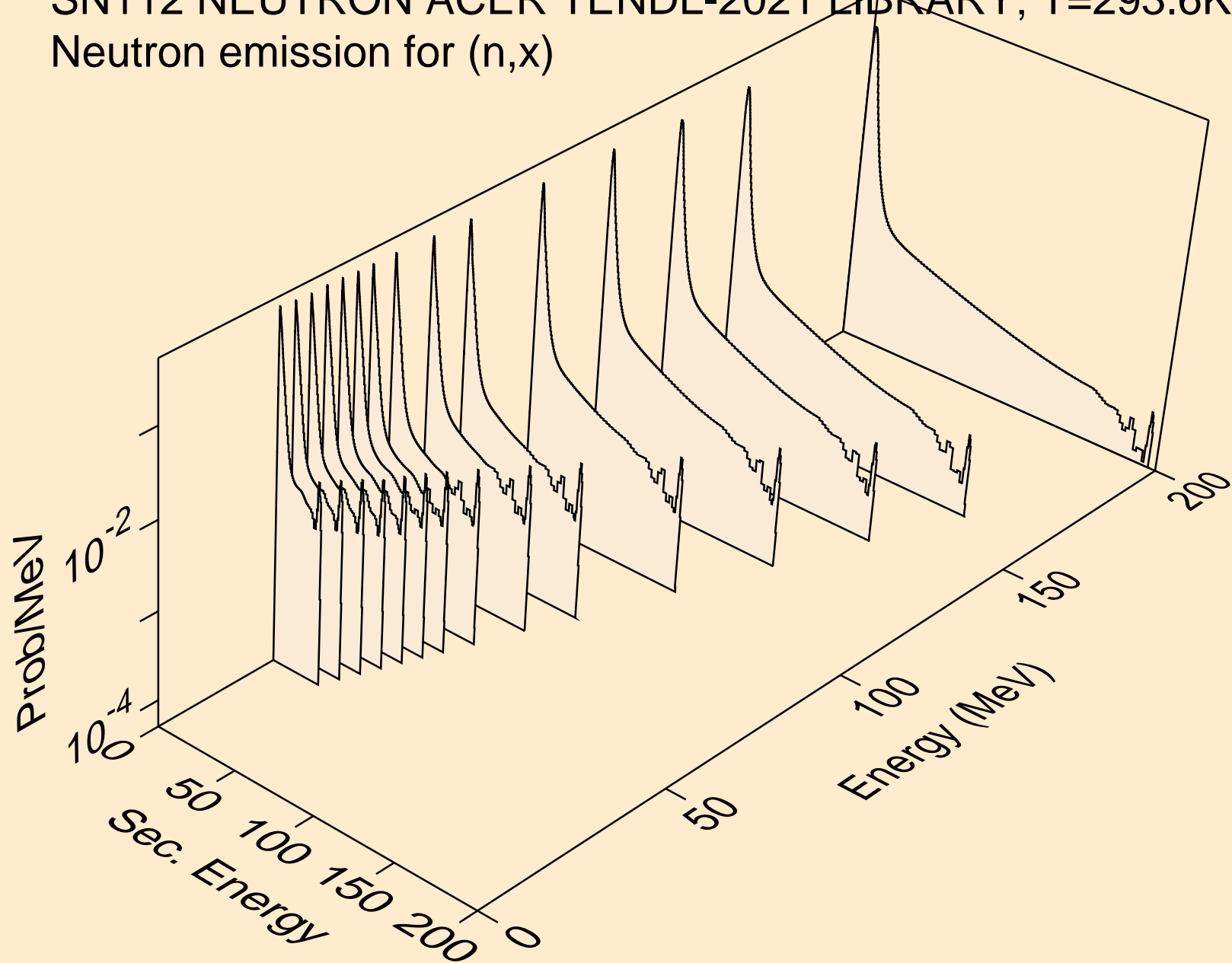
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



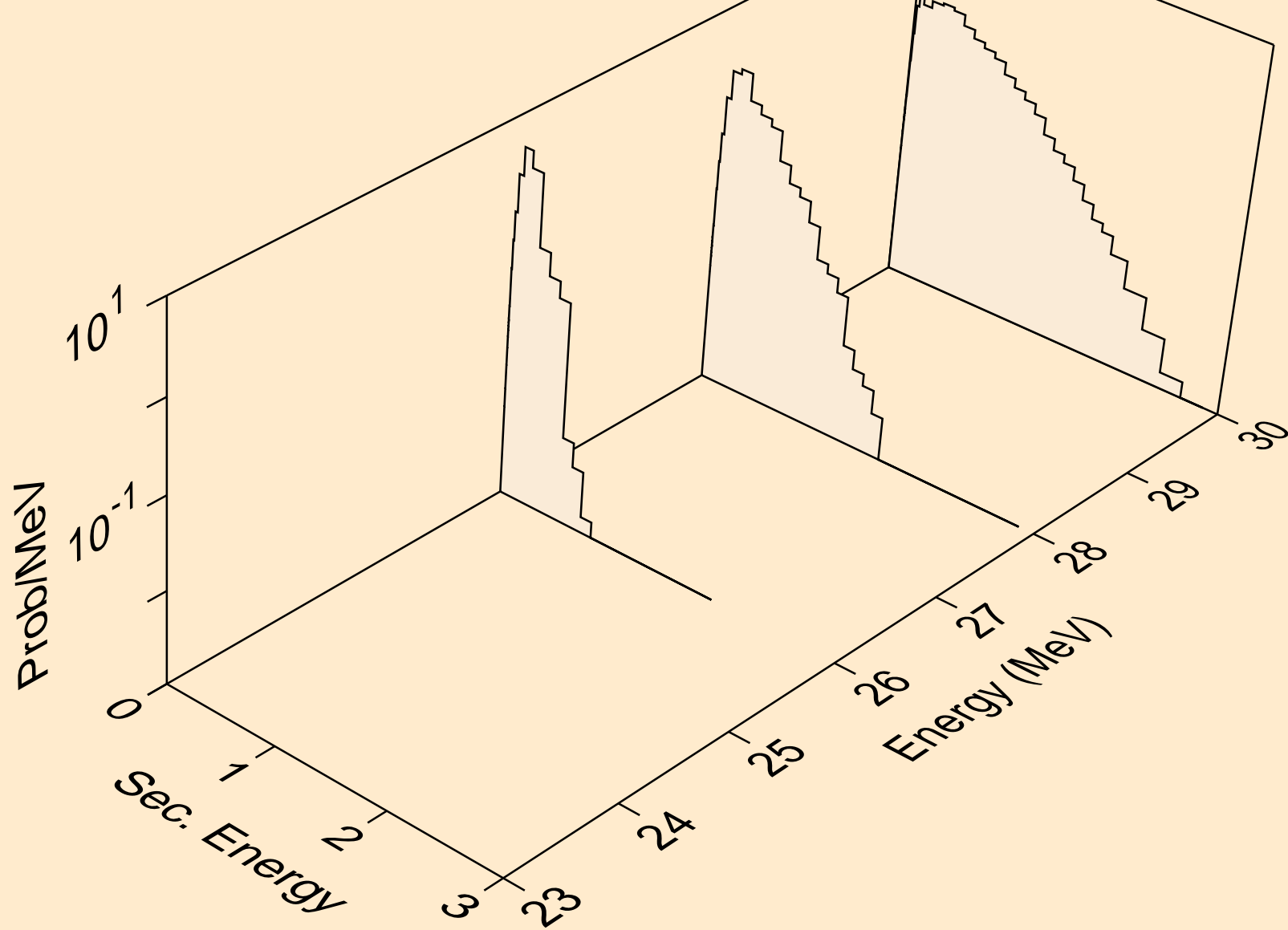
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



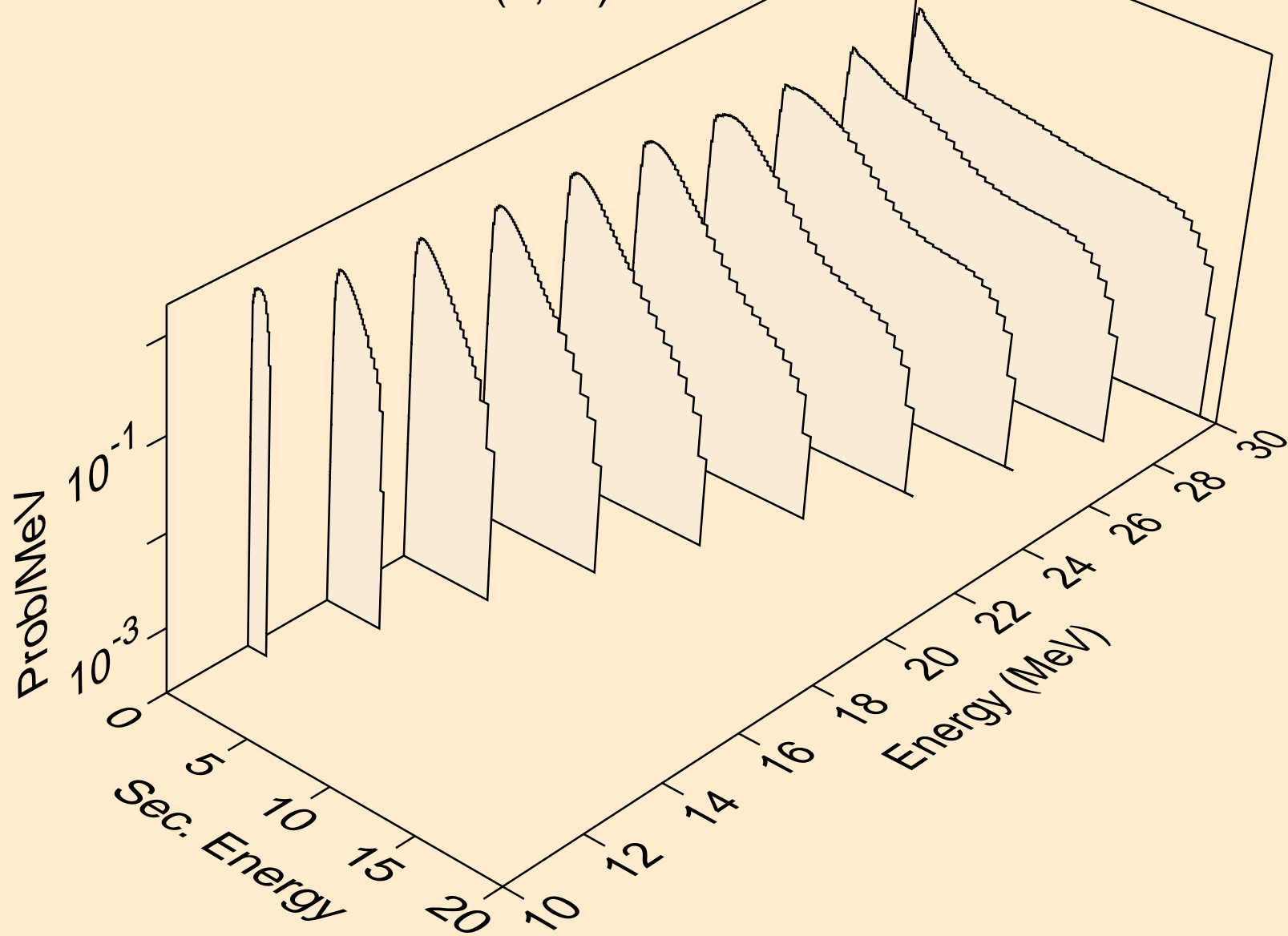
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

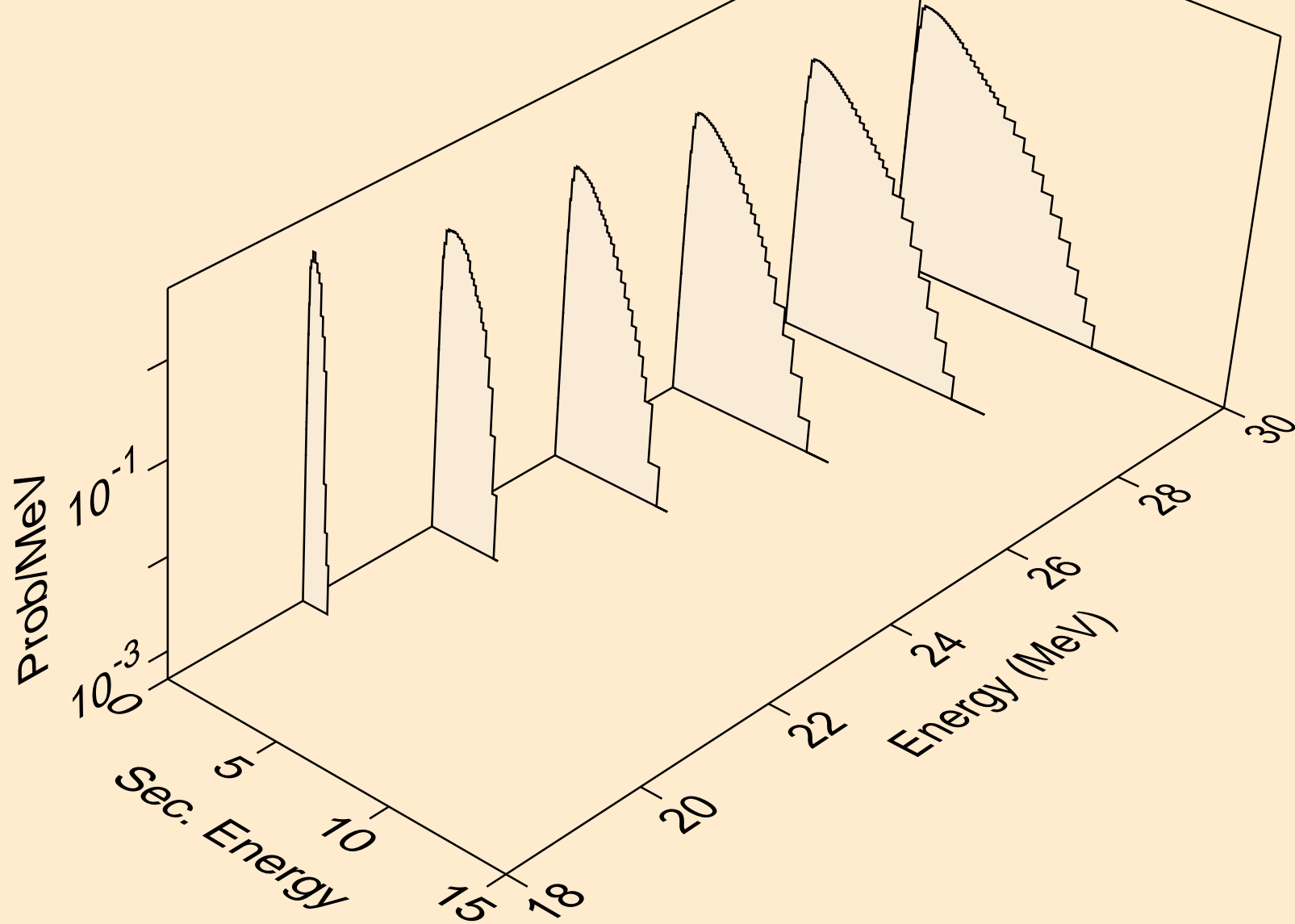


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

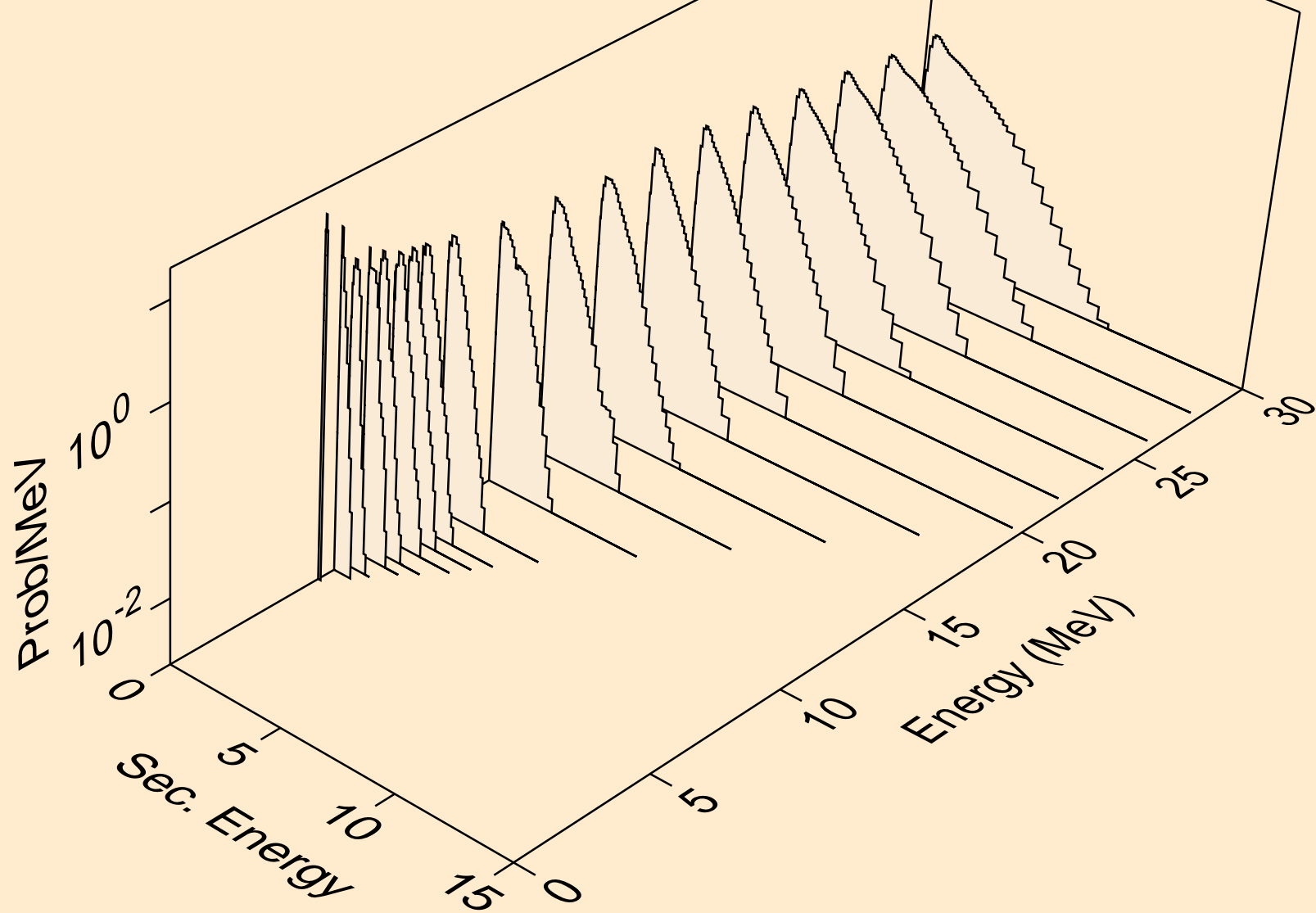




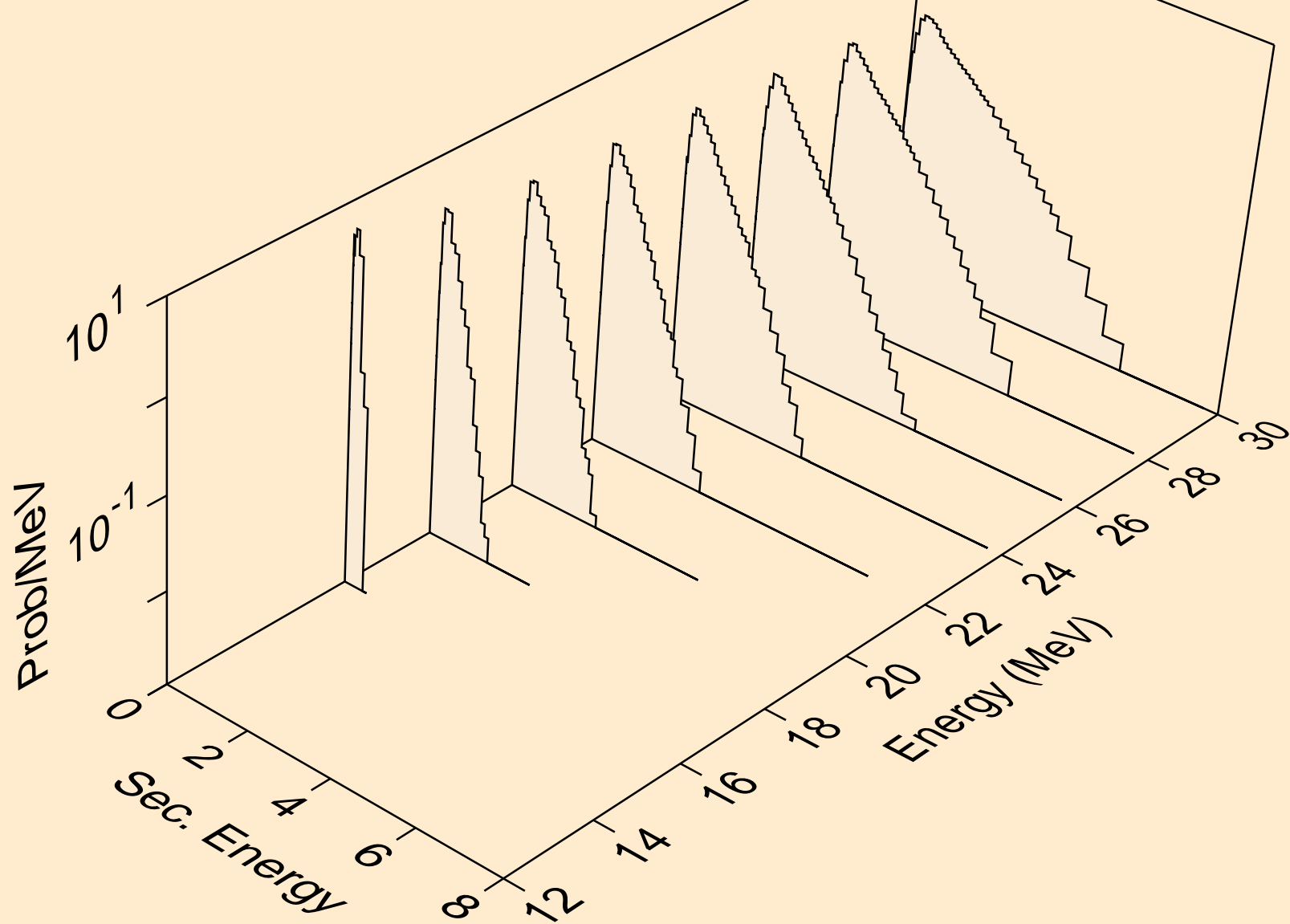
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



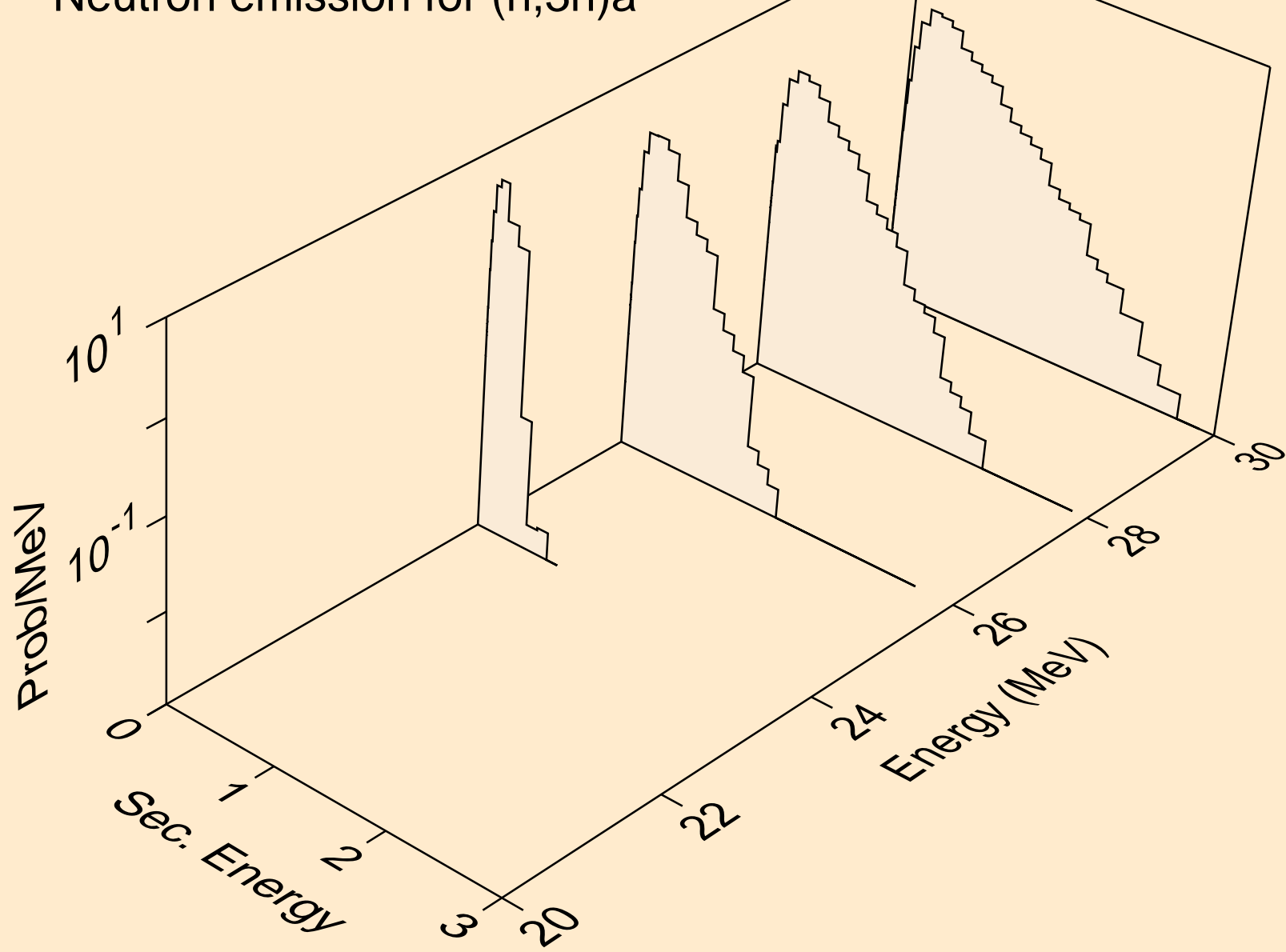
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



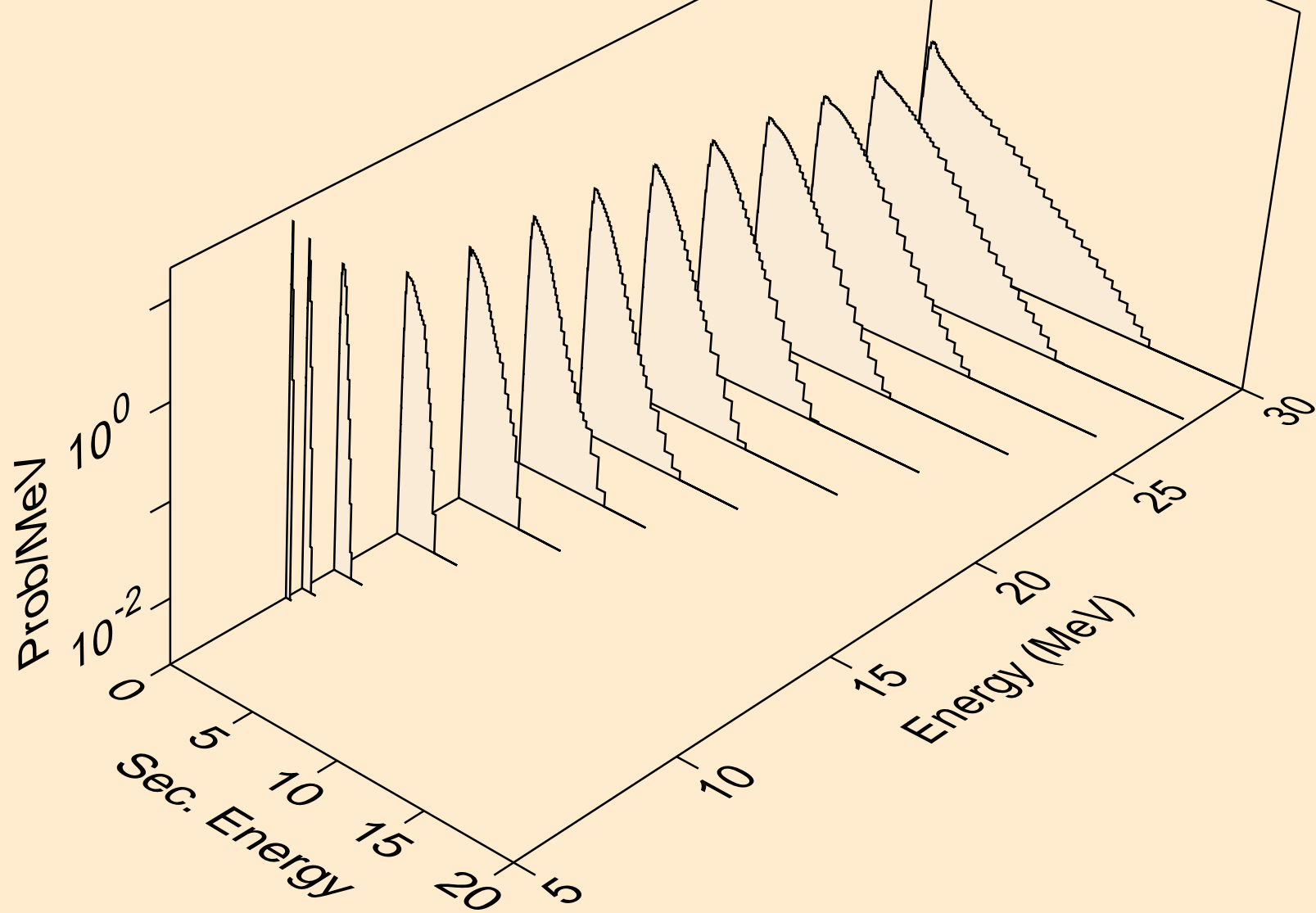
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



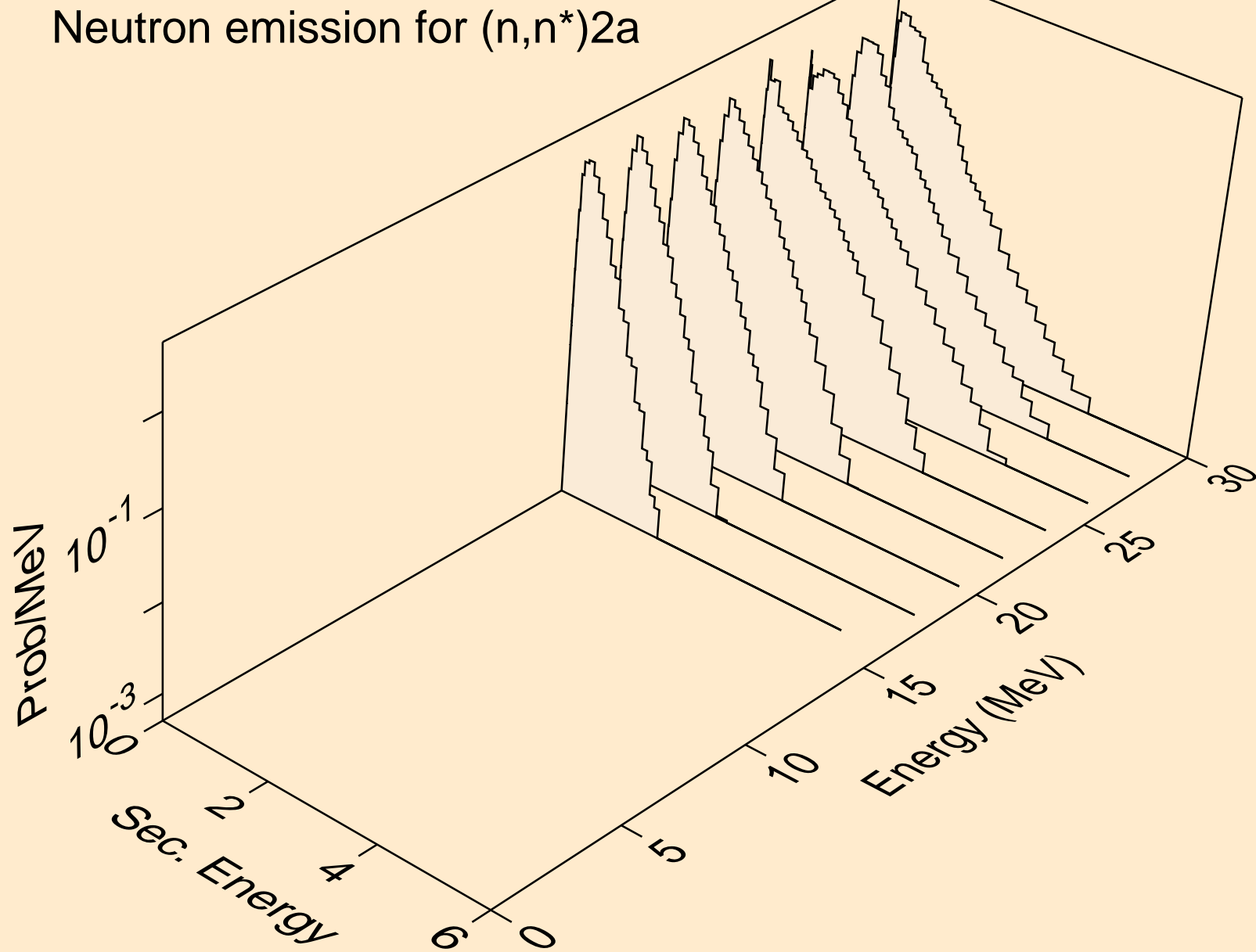
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



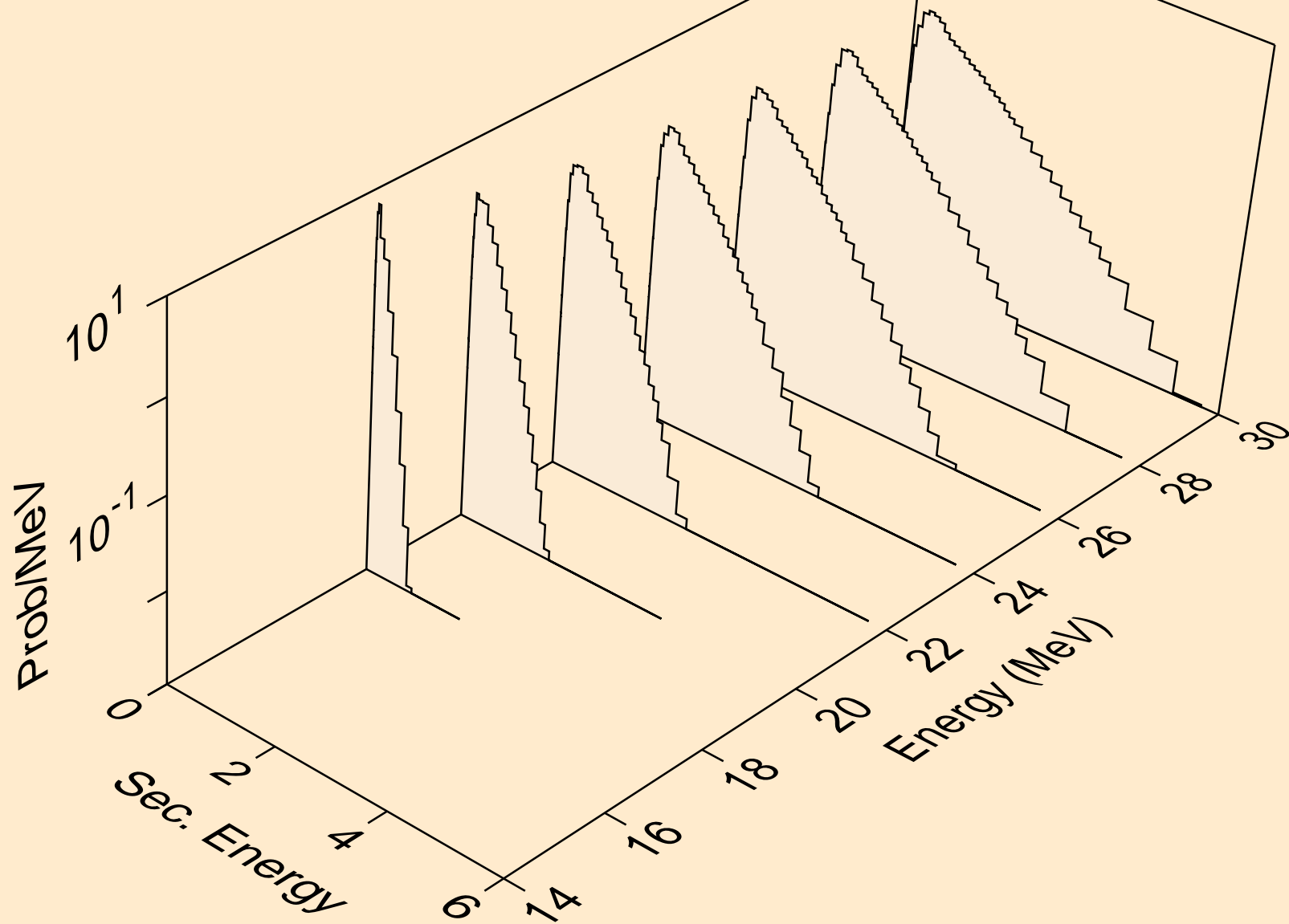
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



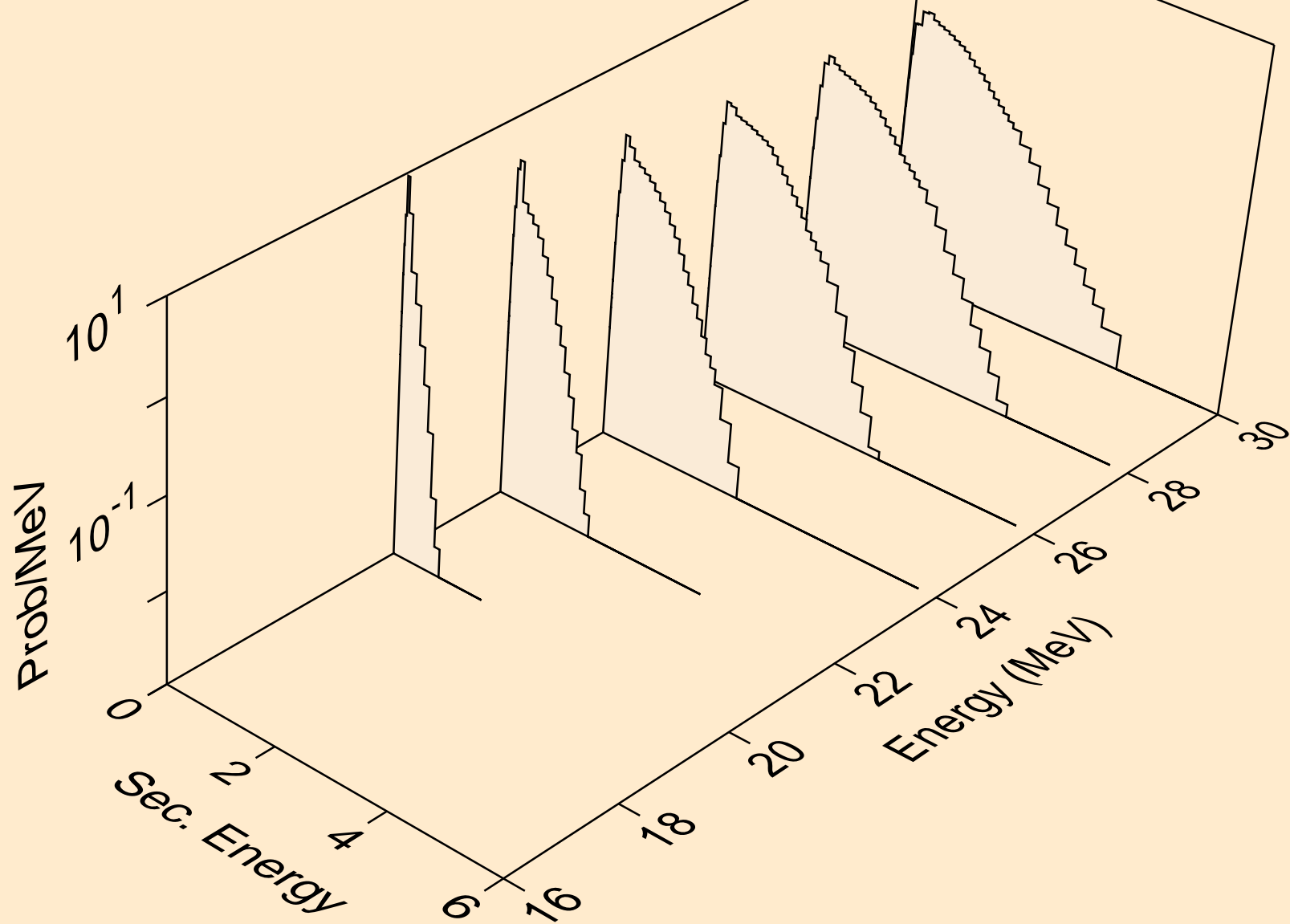
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

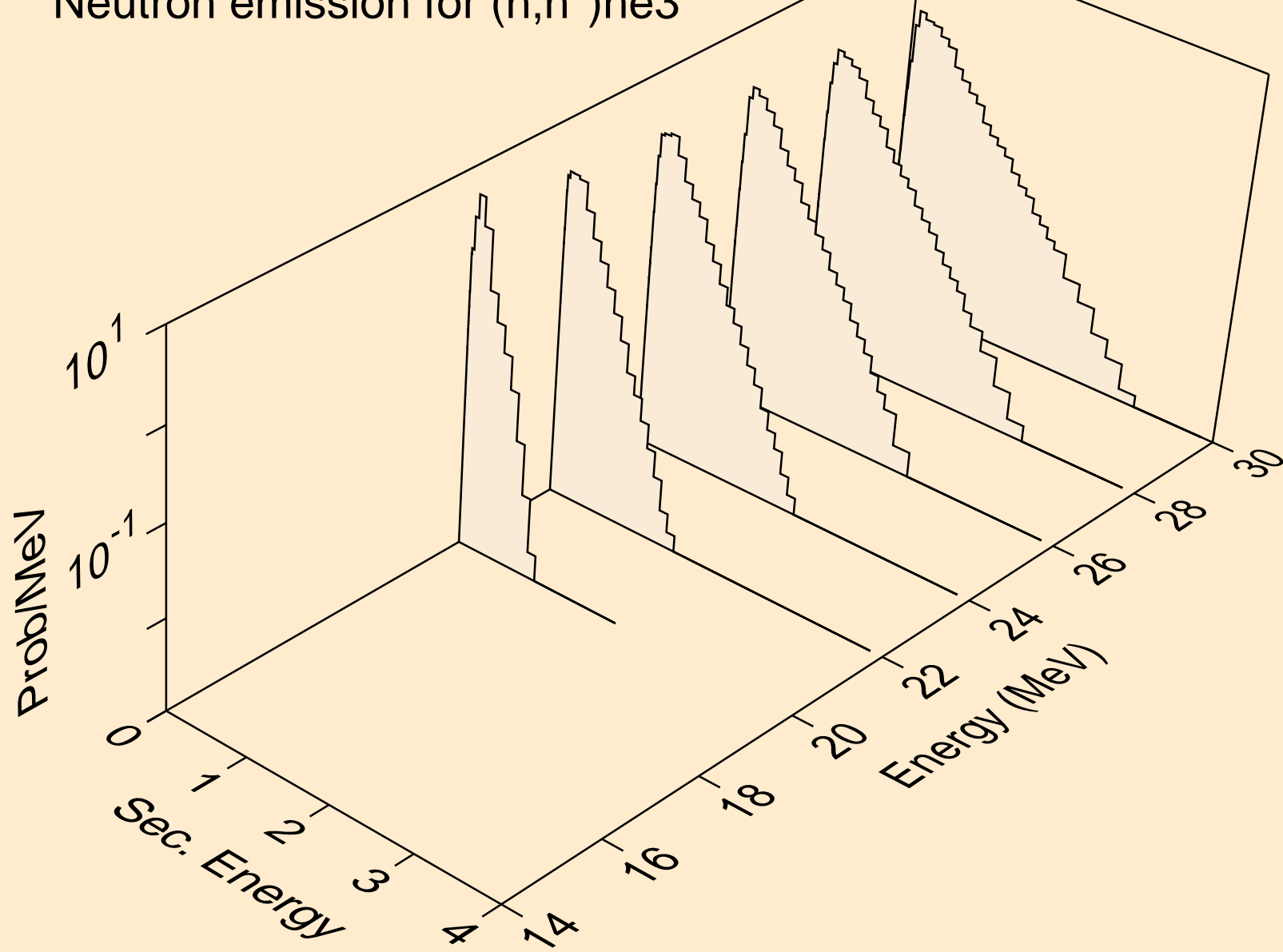


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

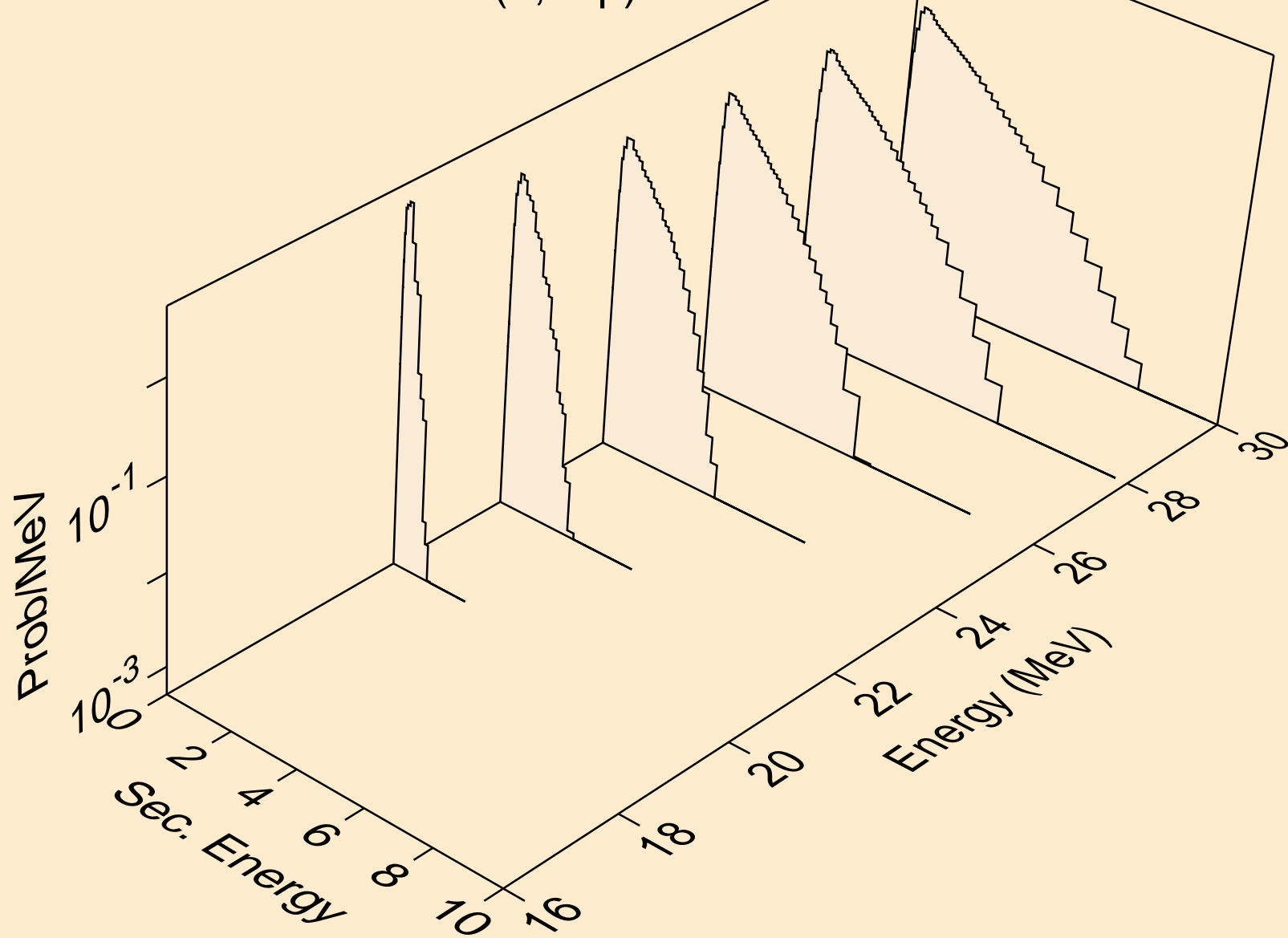




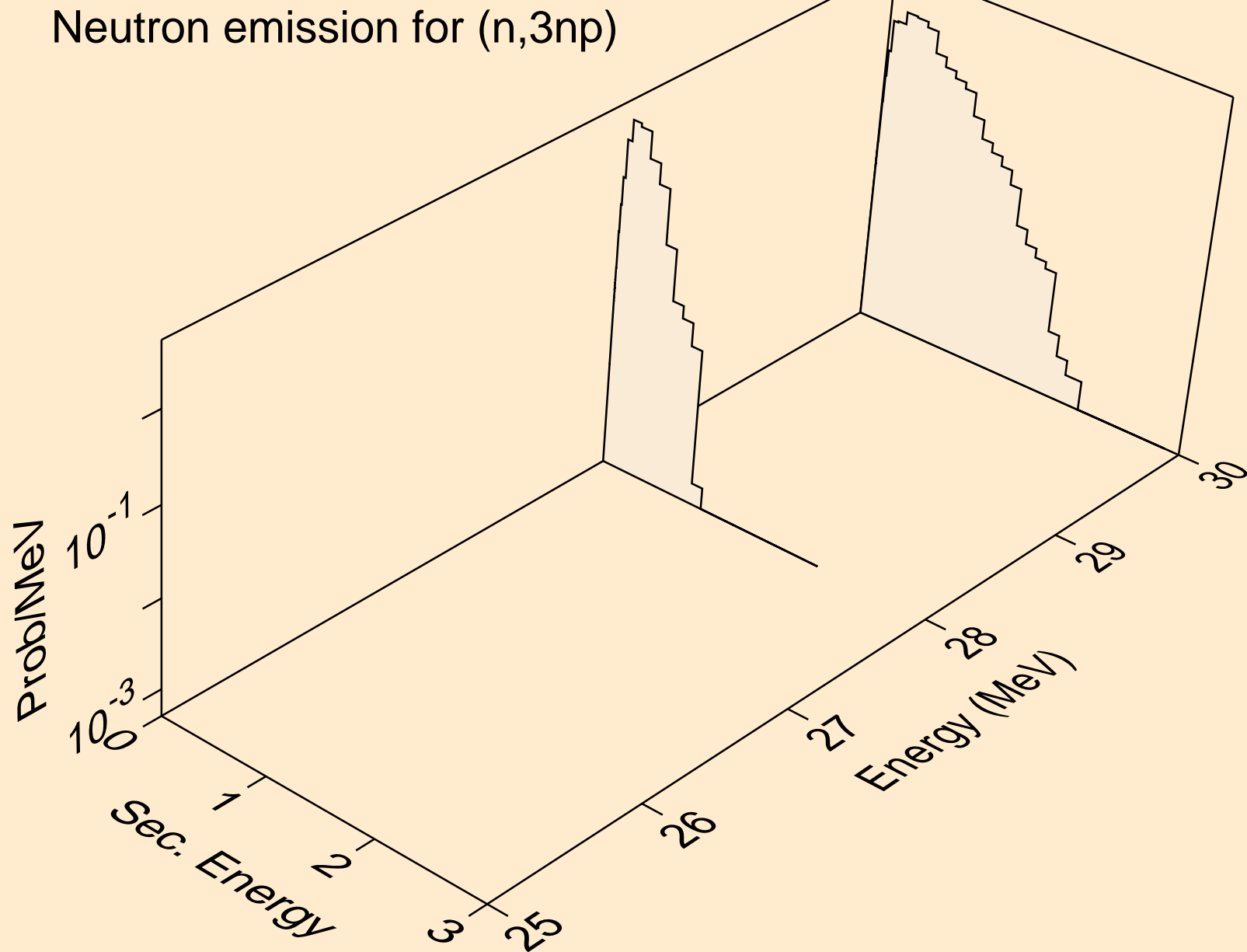
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



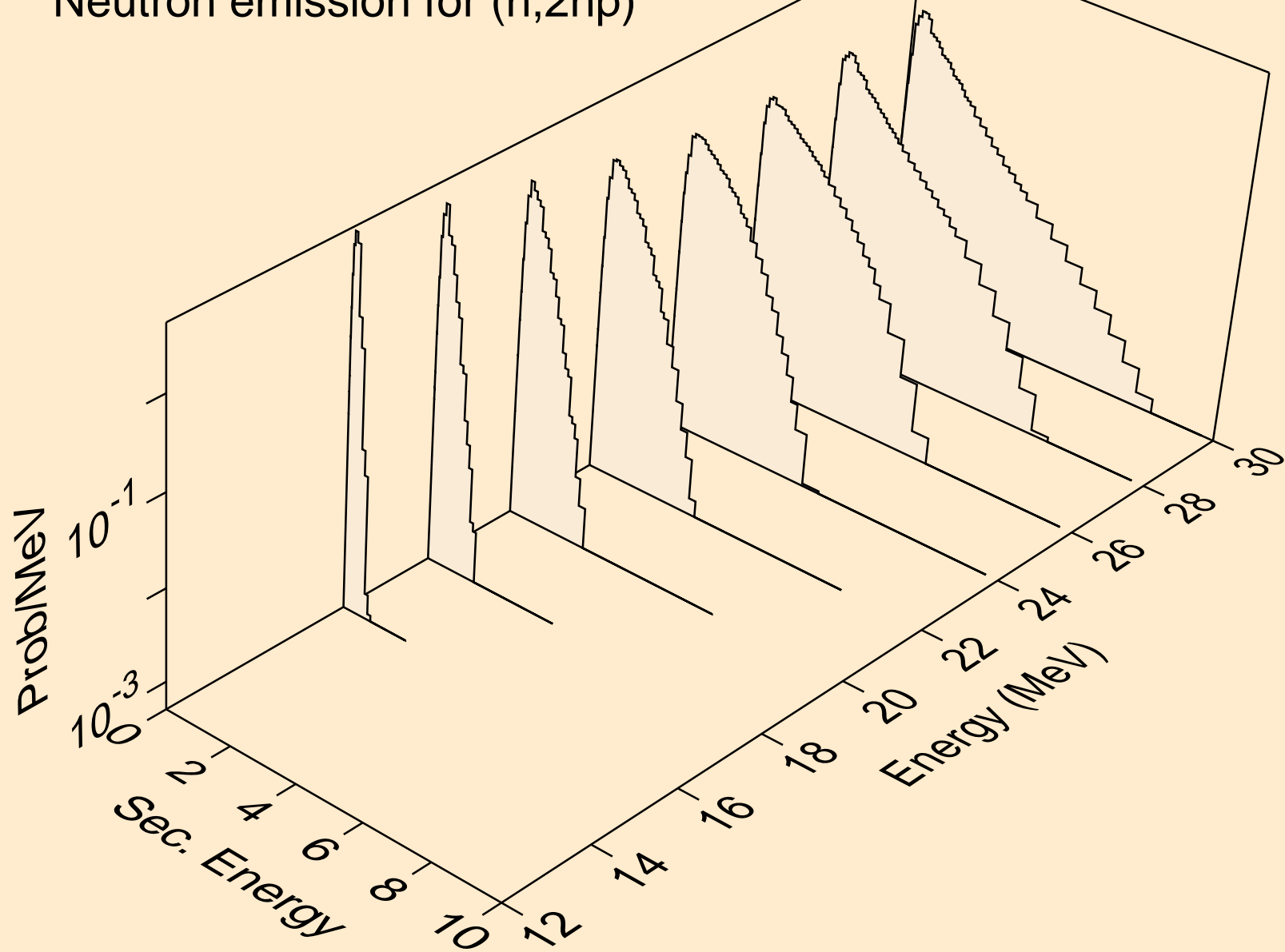
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



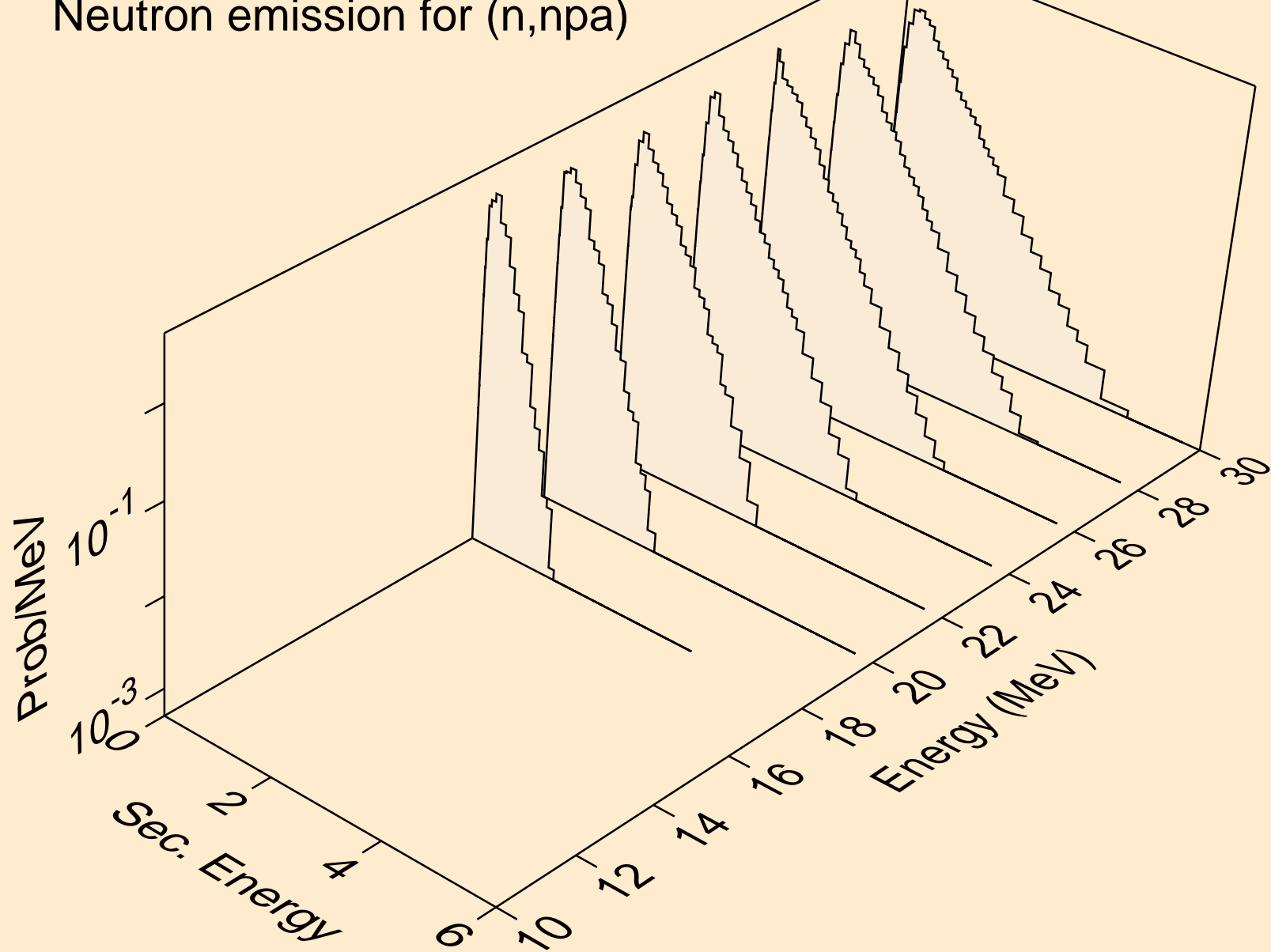
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



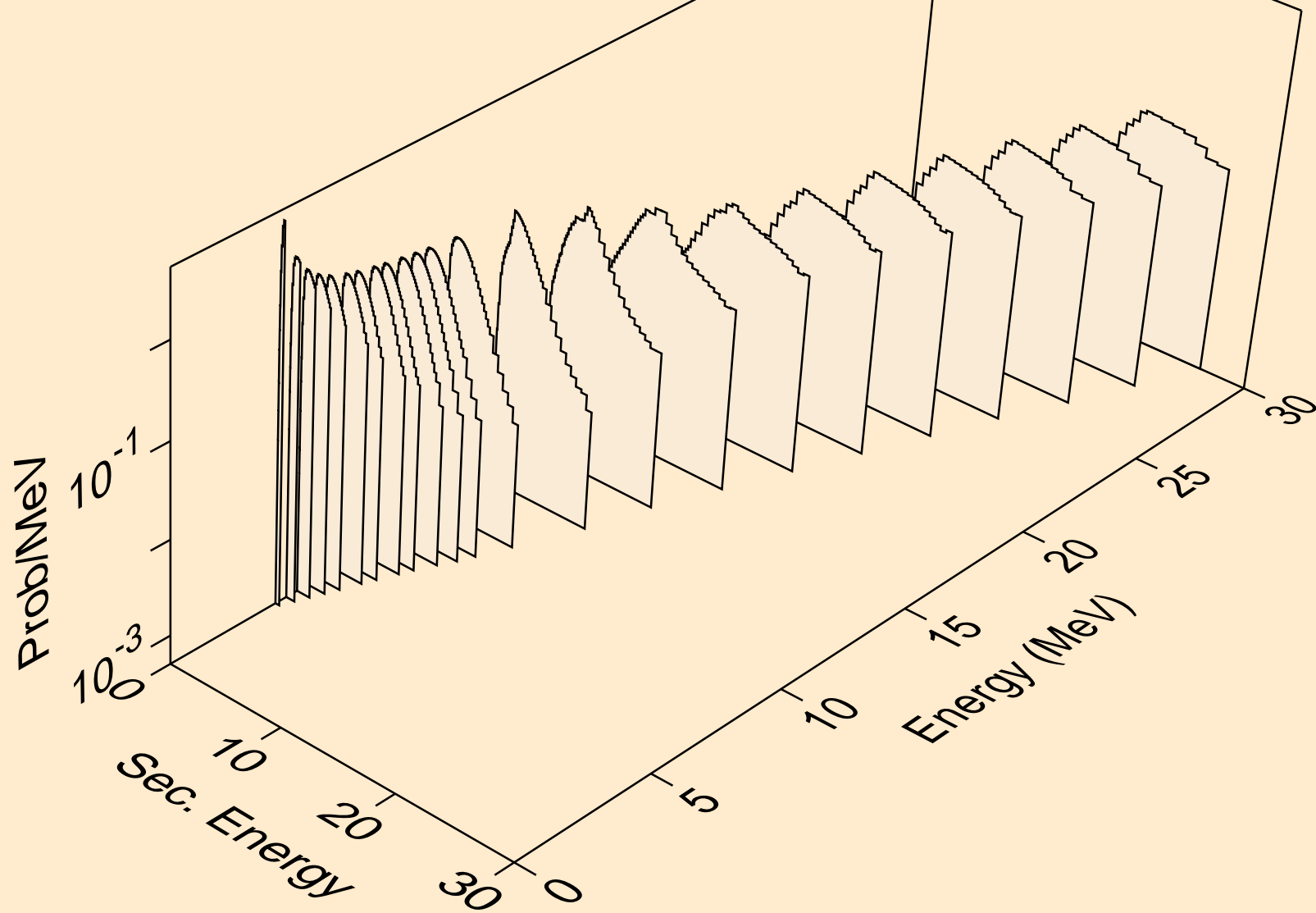
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Neutron emission for (n,2np)



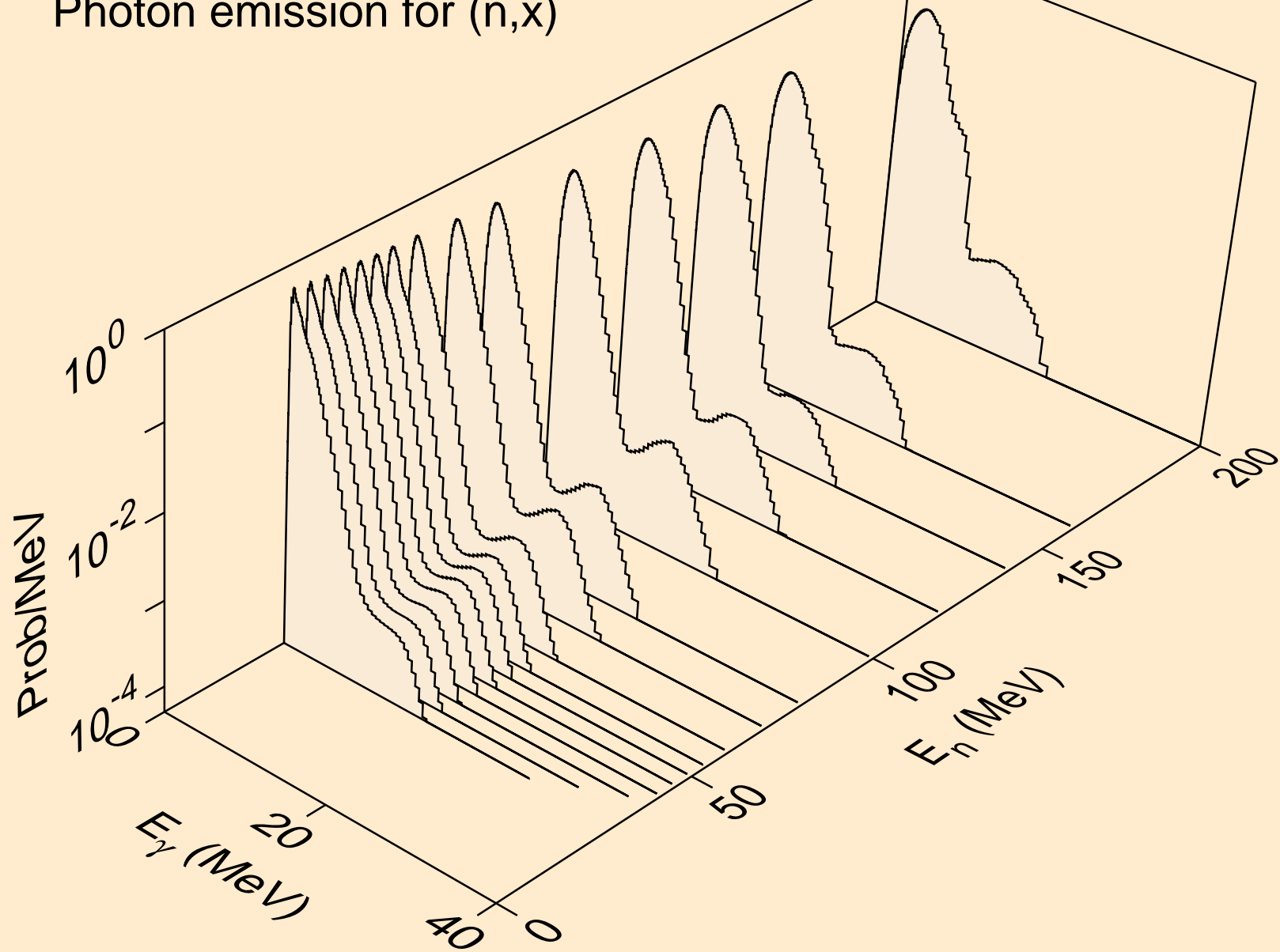
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



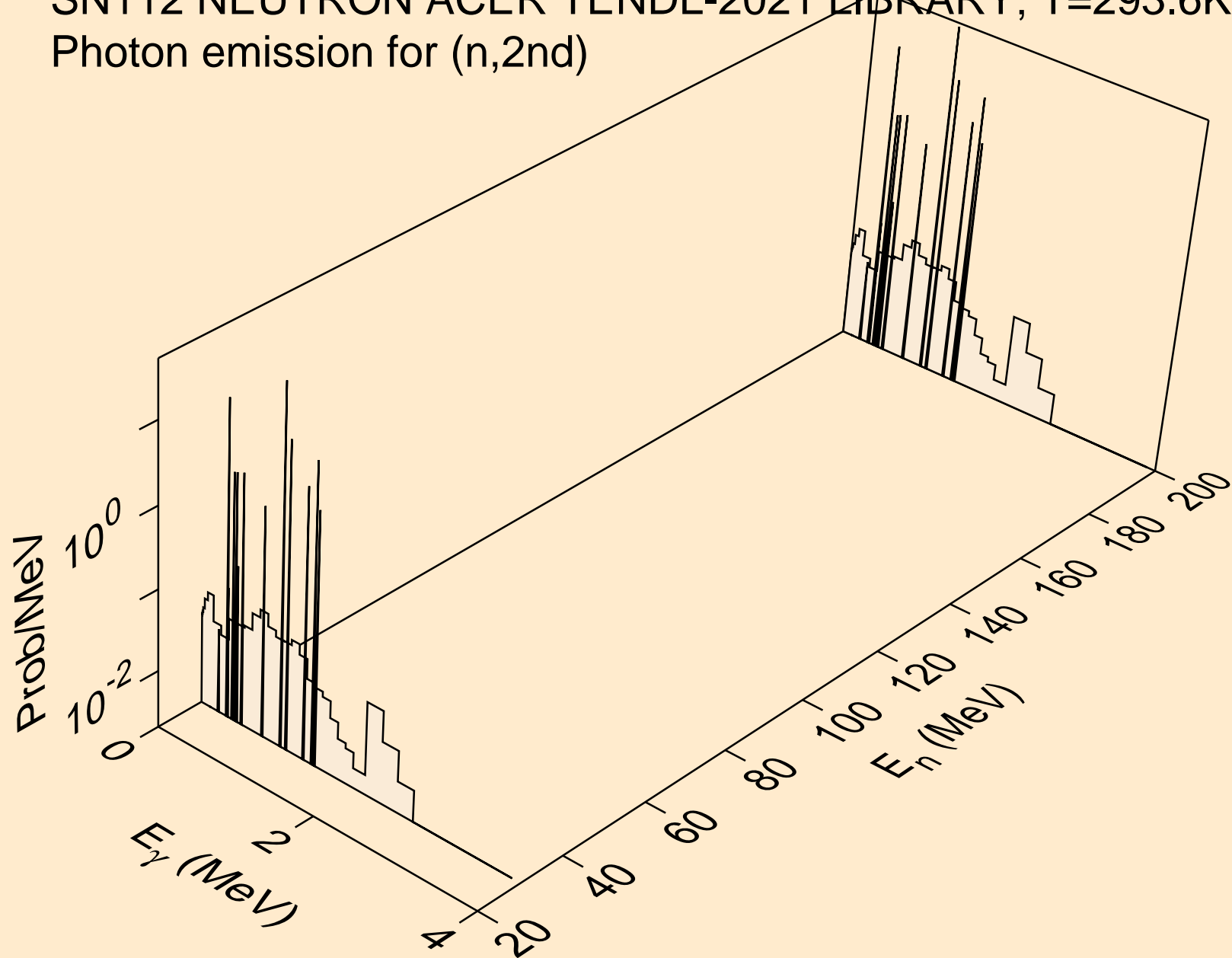
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

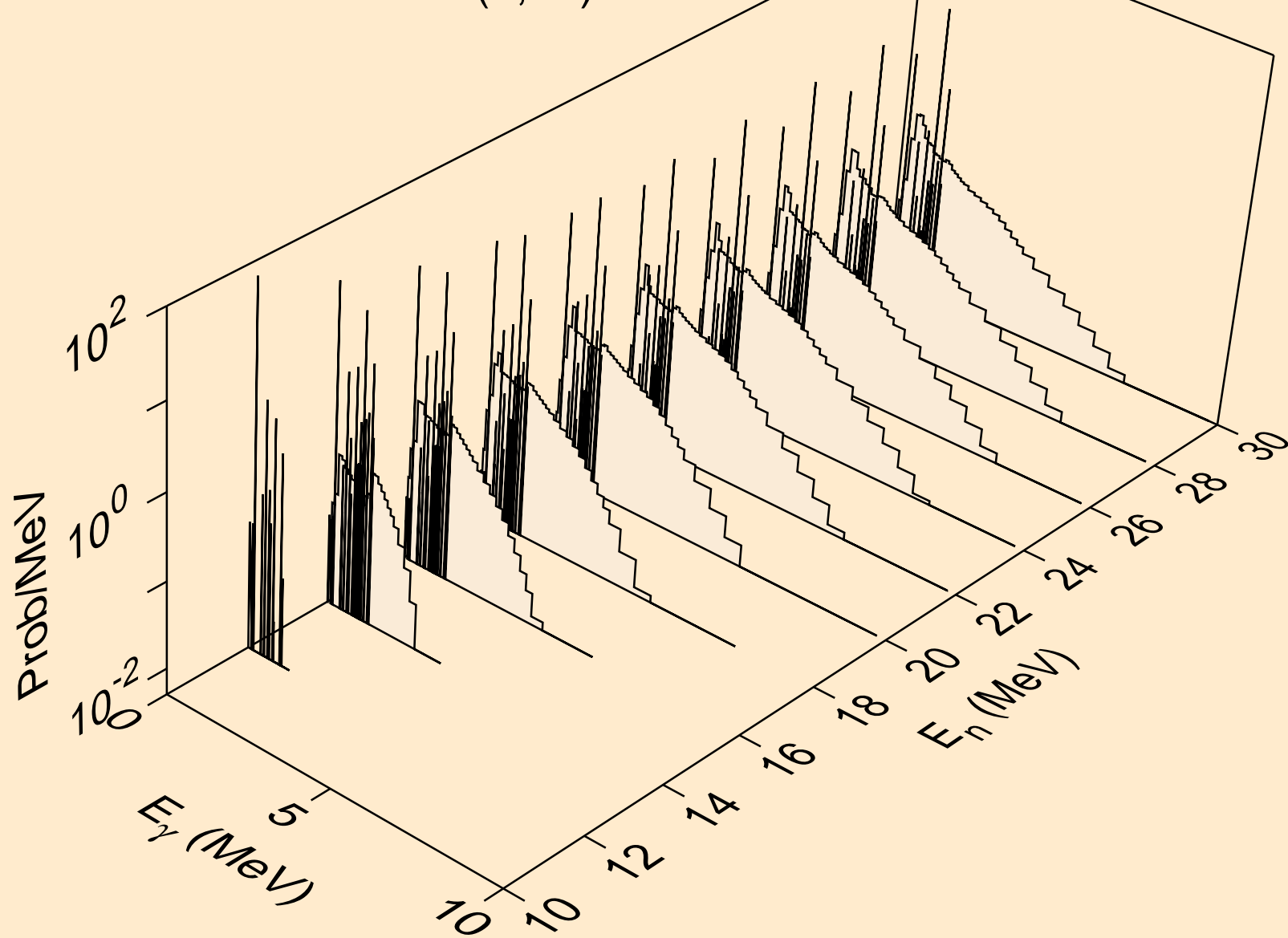


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

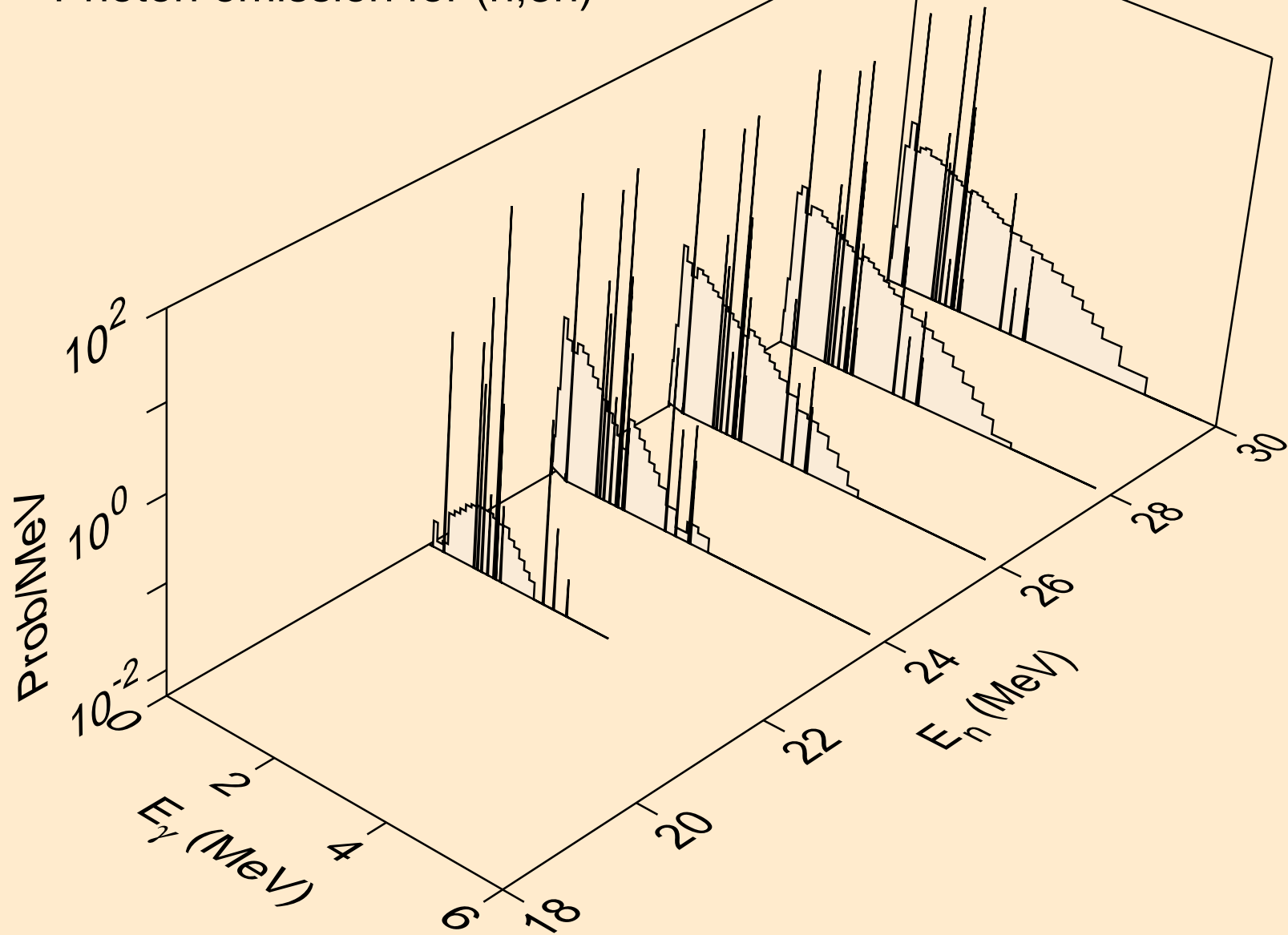




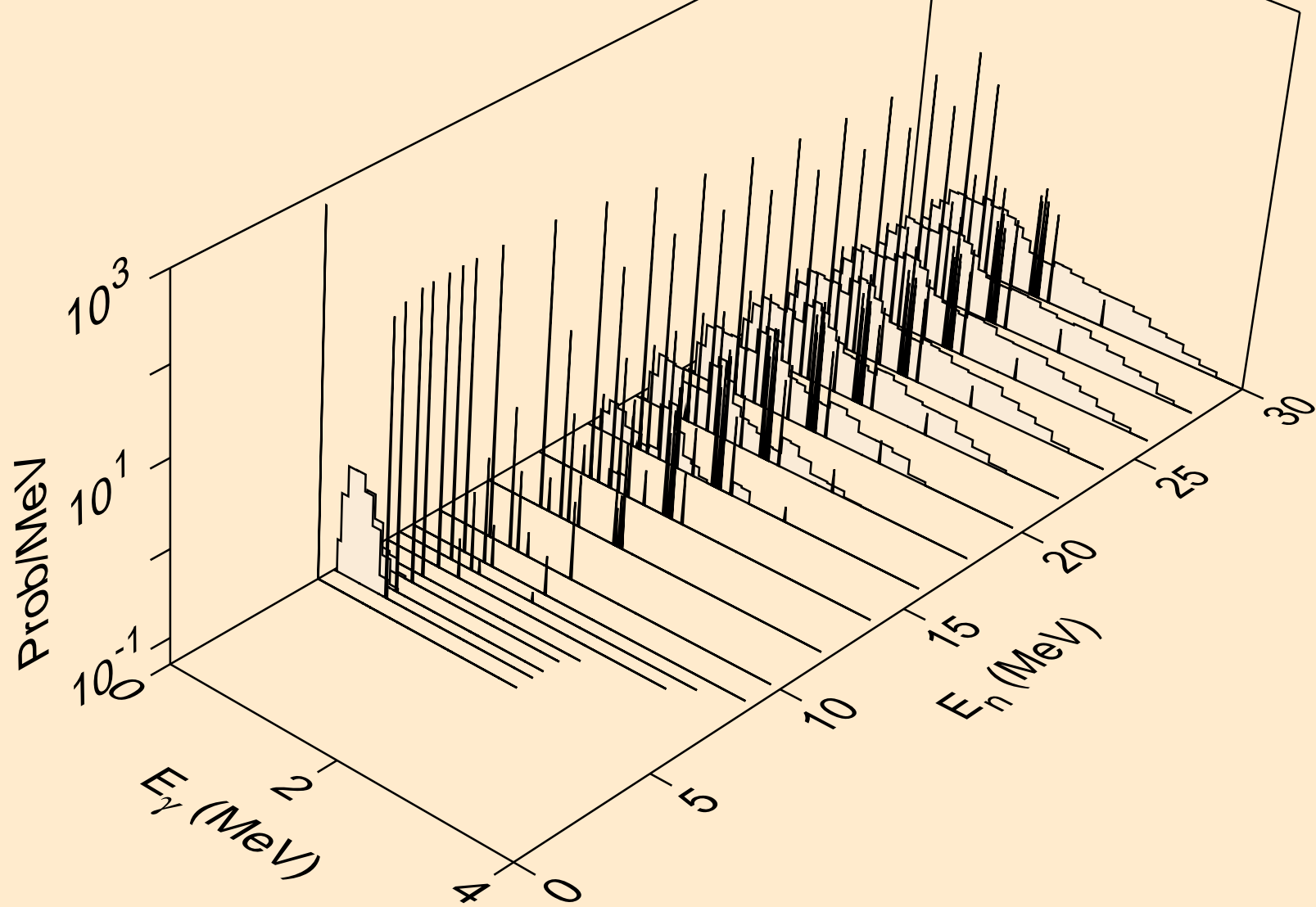
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Photon emission for (n,2n)



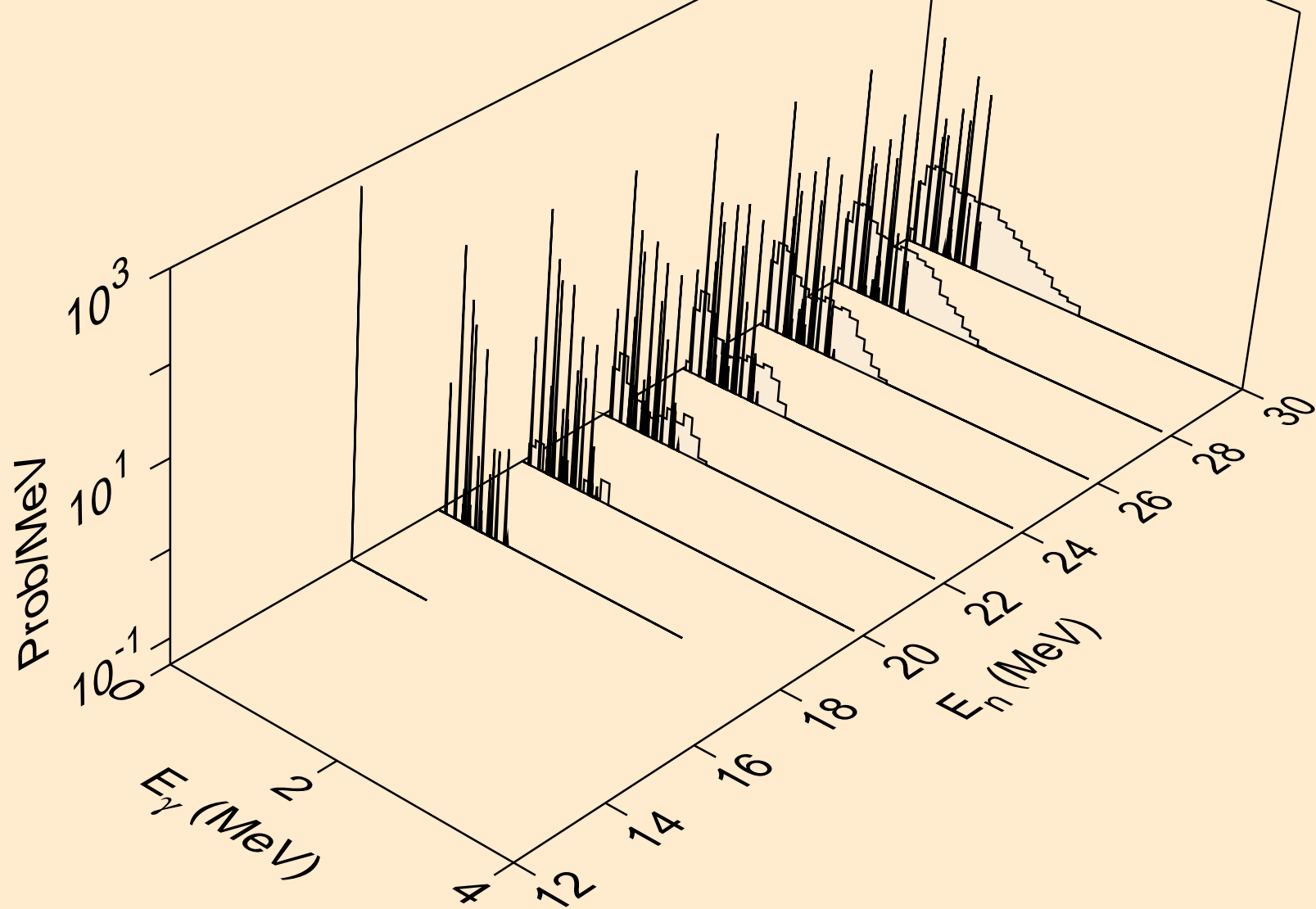
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Photon emission for (n,3n)



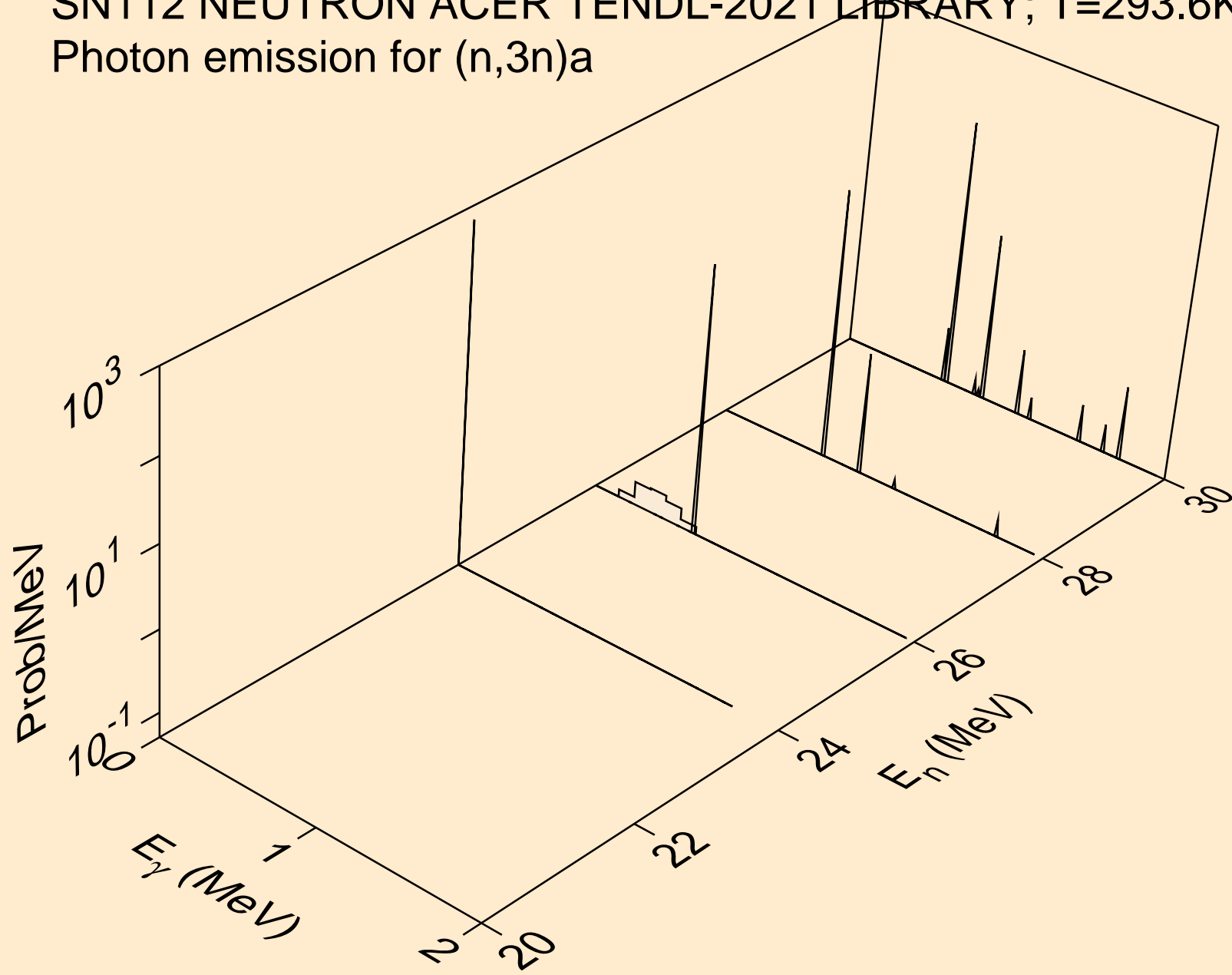
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Photon emission for (n,n\*)a



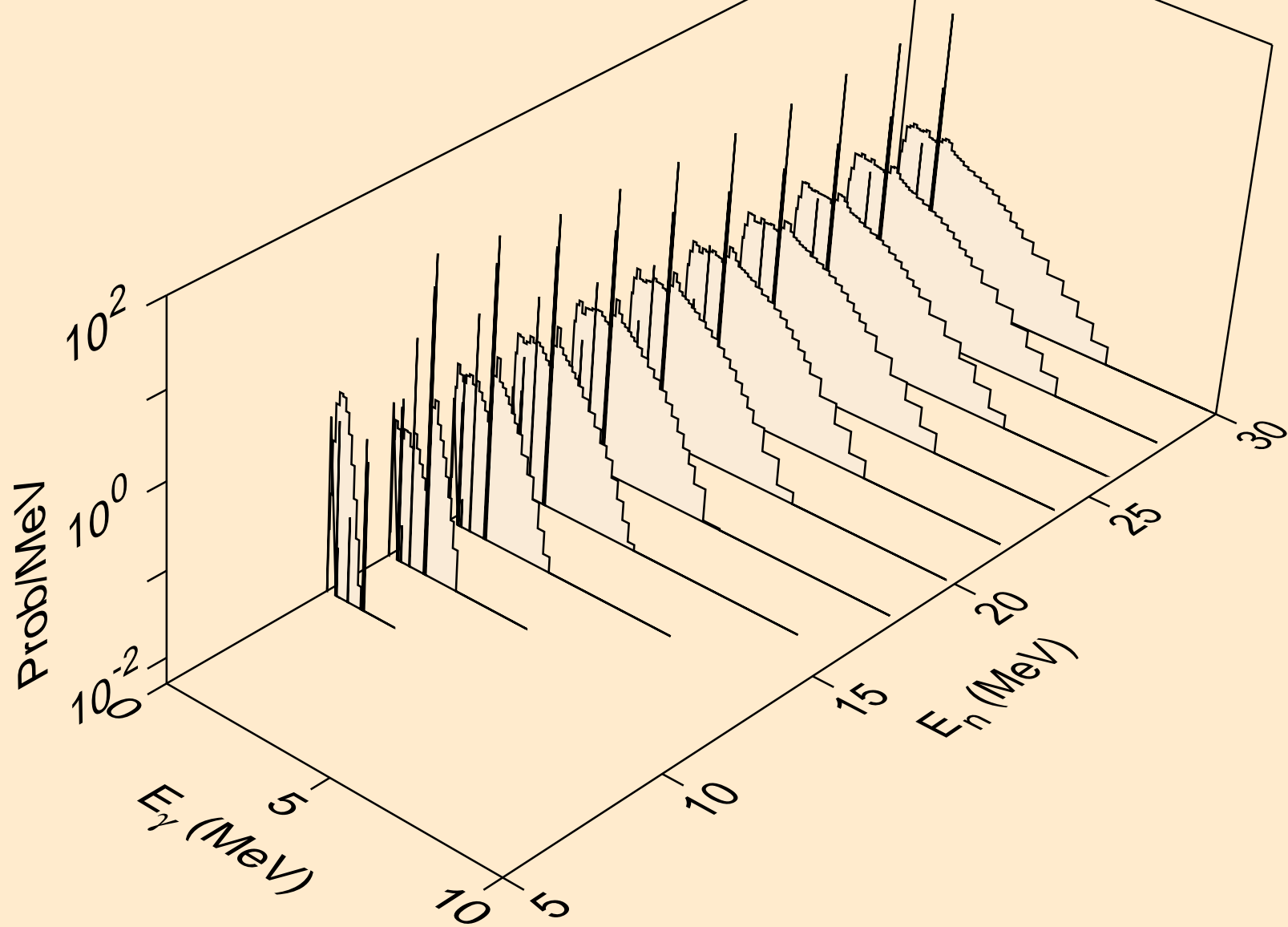
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Photon emission for (n,2n)a



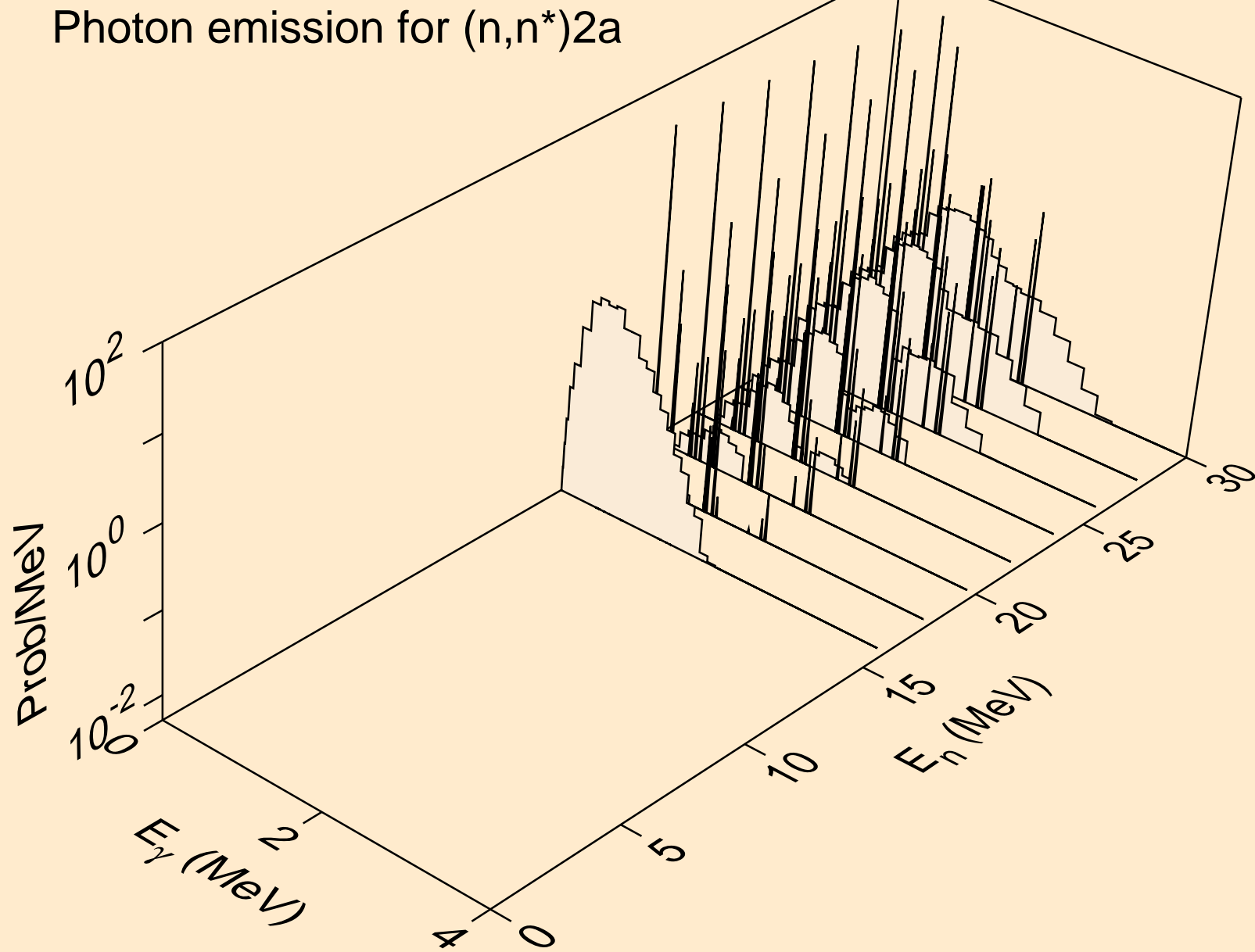
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Photon emission for (n,3n)a



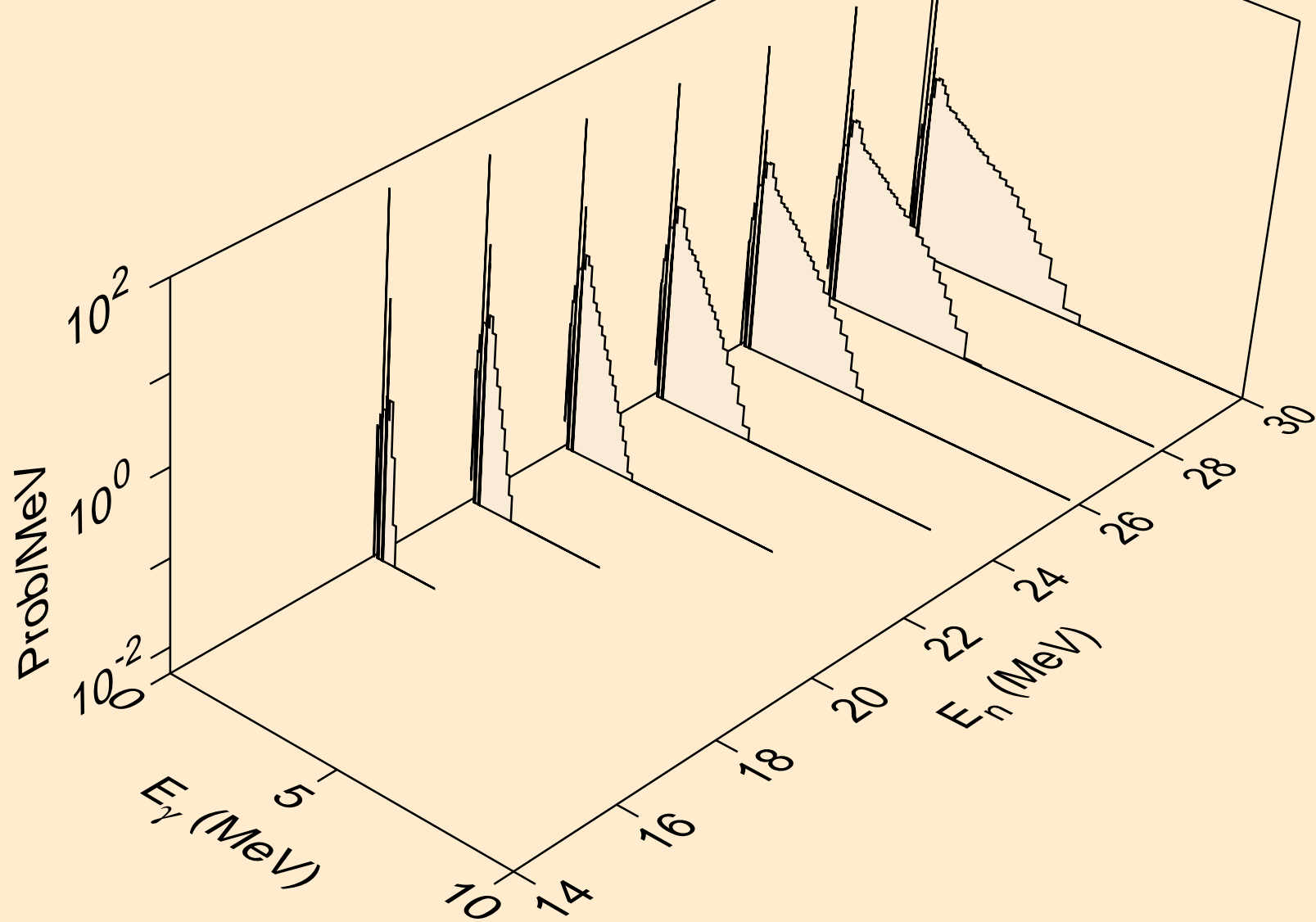
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

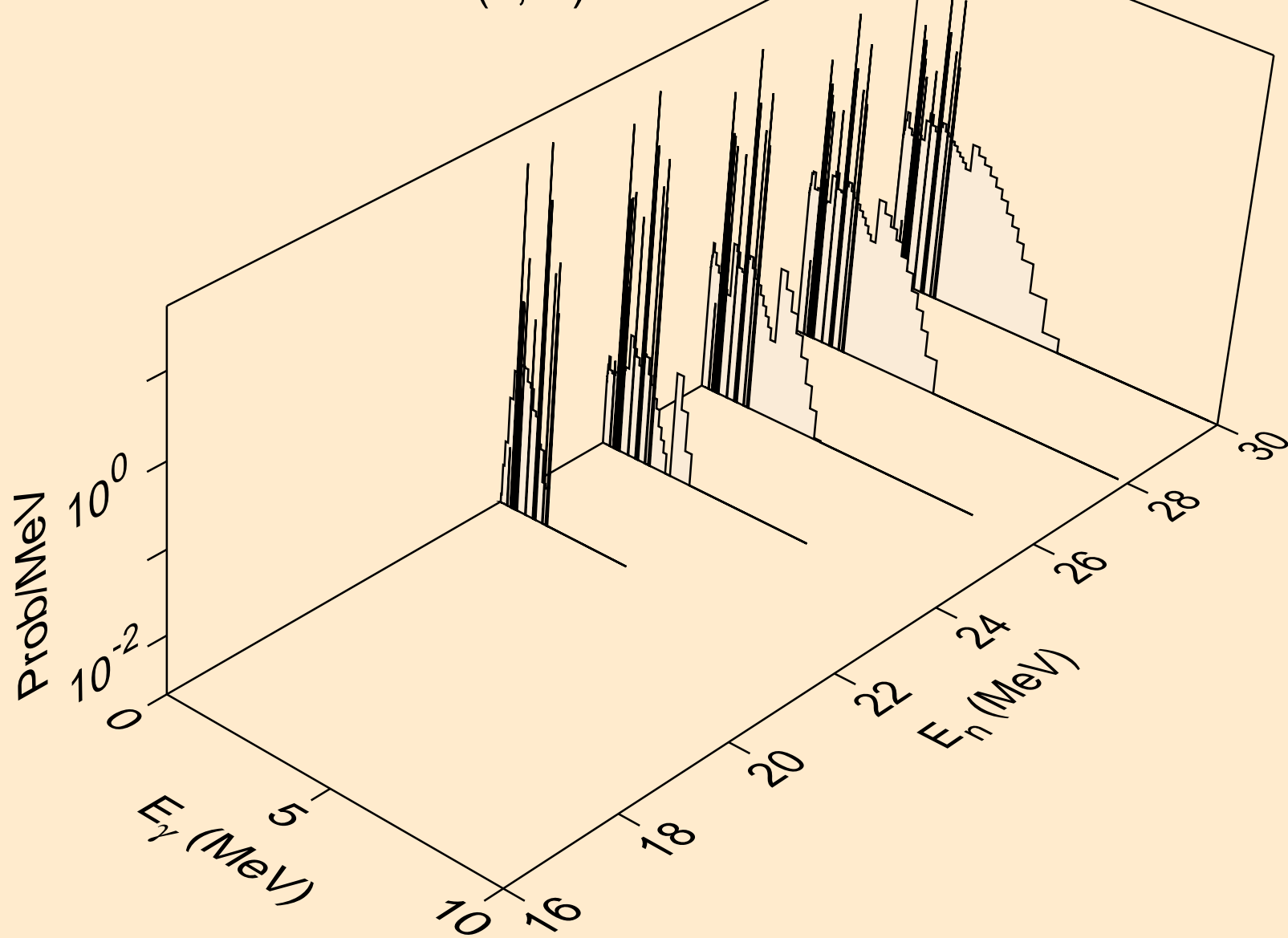


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Photon emission for (n,n\*)d

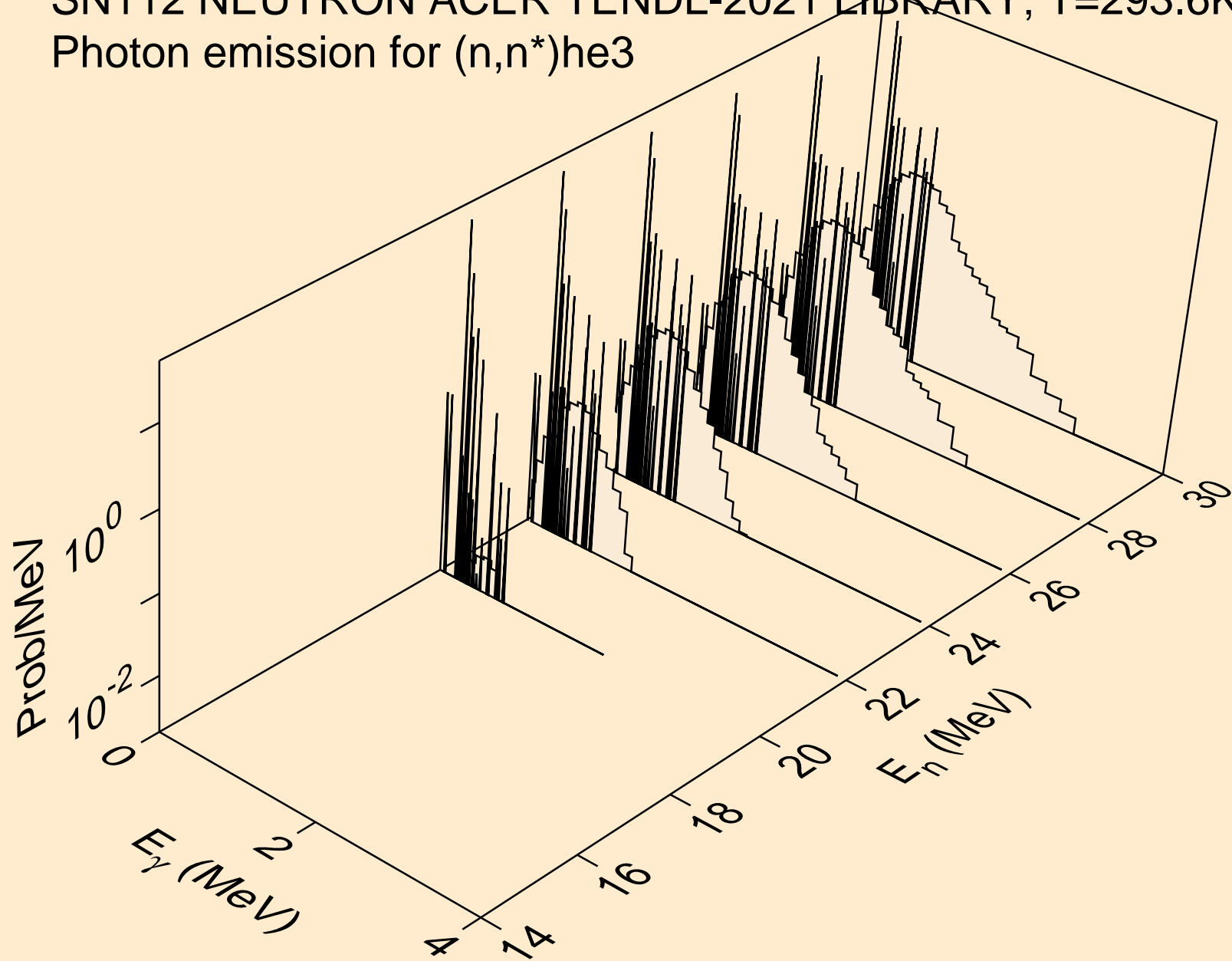




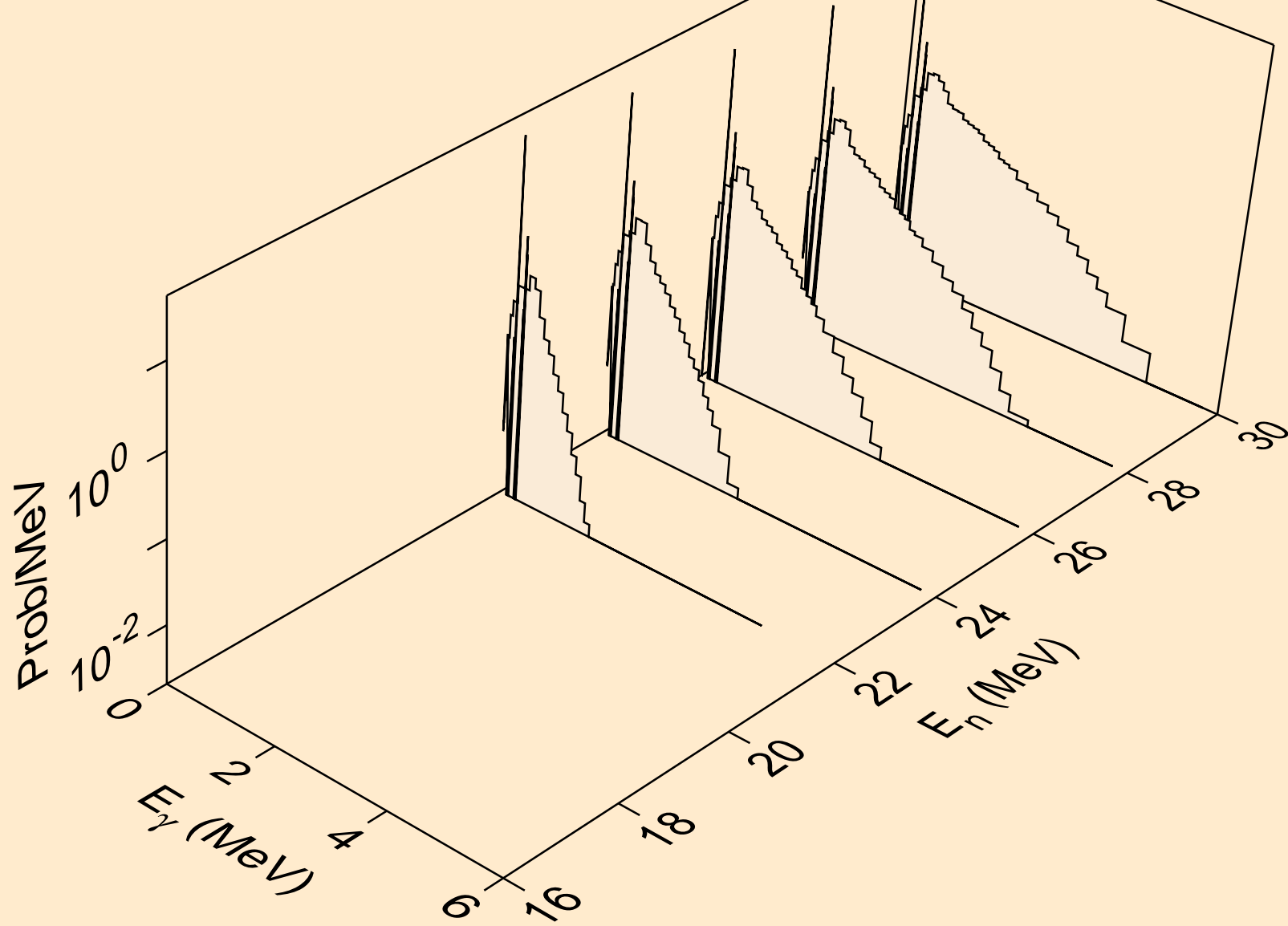
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Photon emission for (n,n\*)t



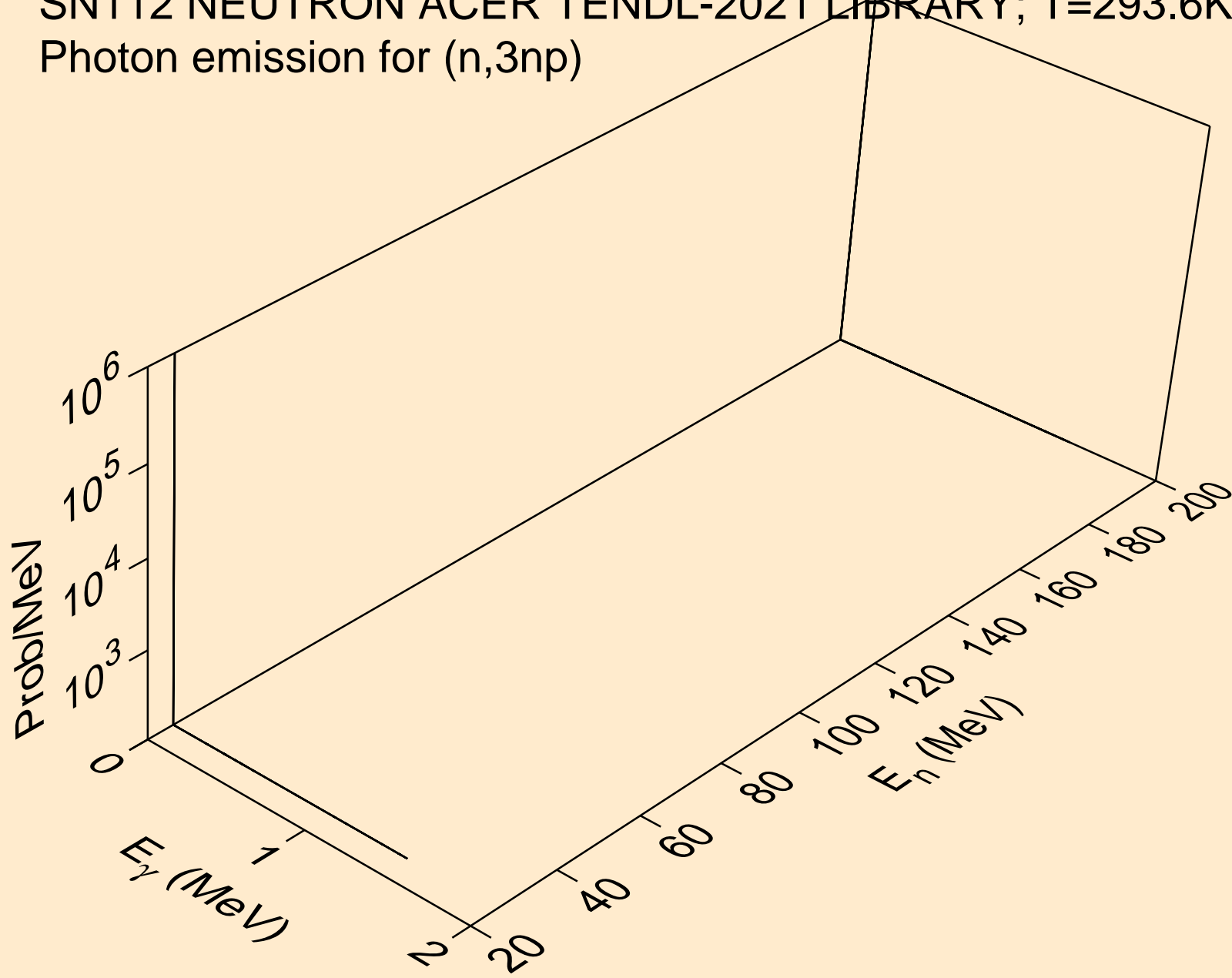
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Photon emission for (n,n\*)he3



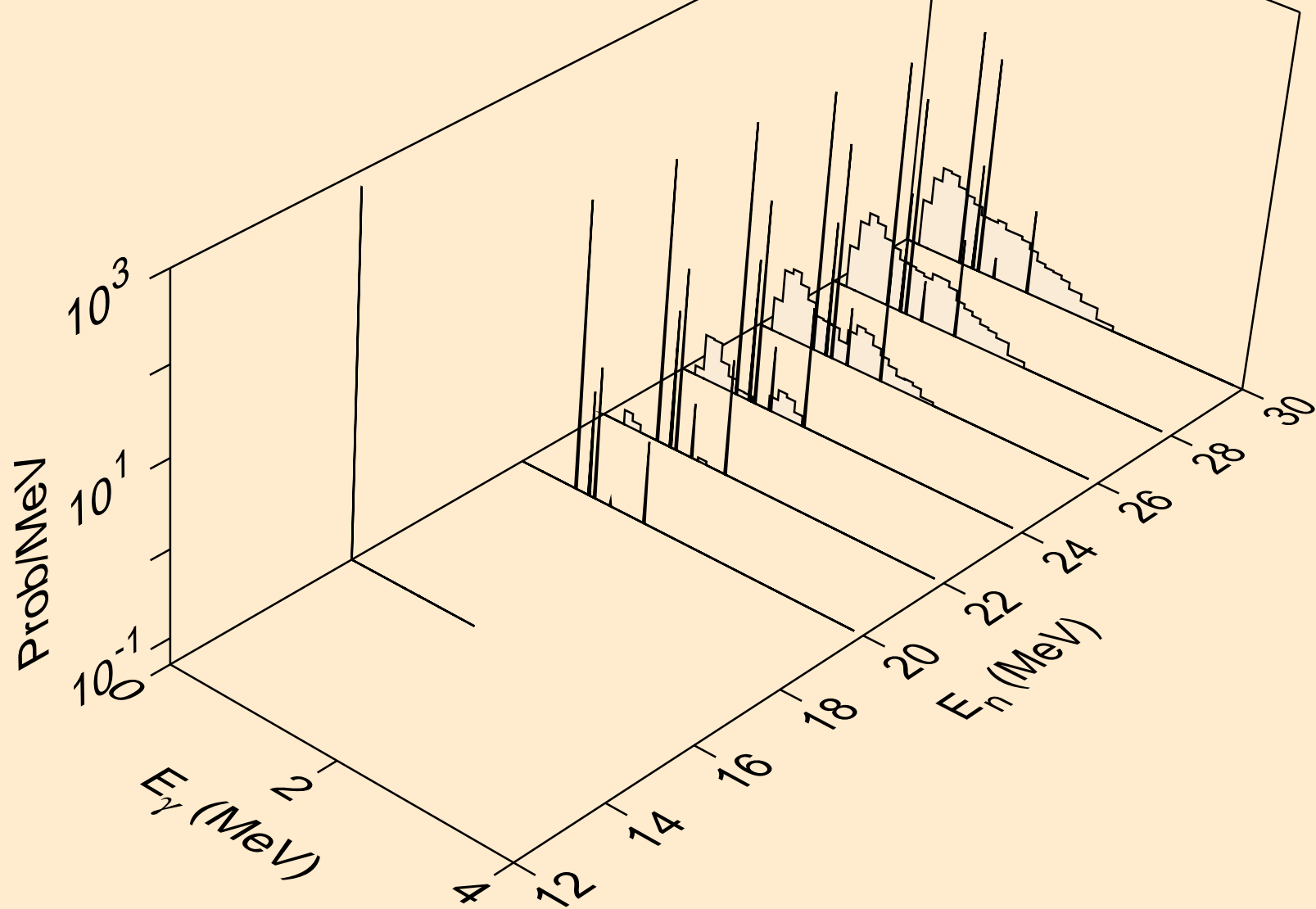
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Photon emission for (n,2np)



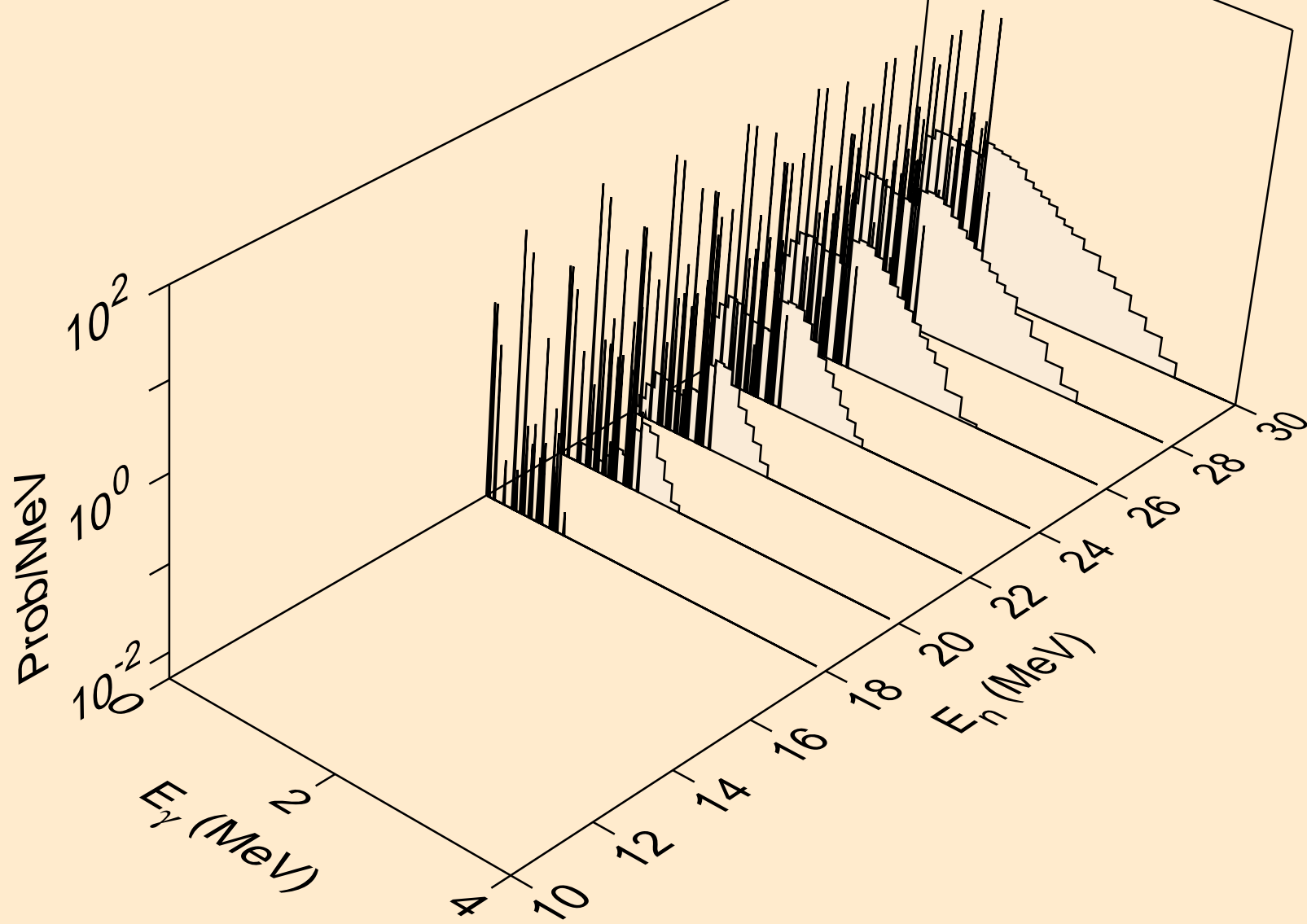
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Photon emission for (n,3np)



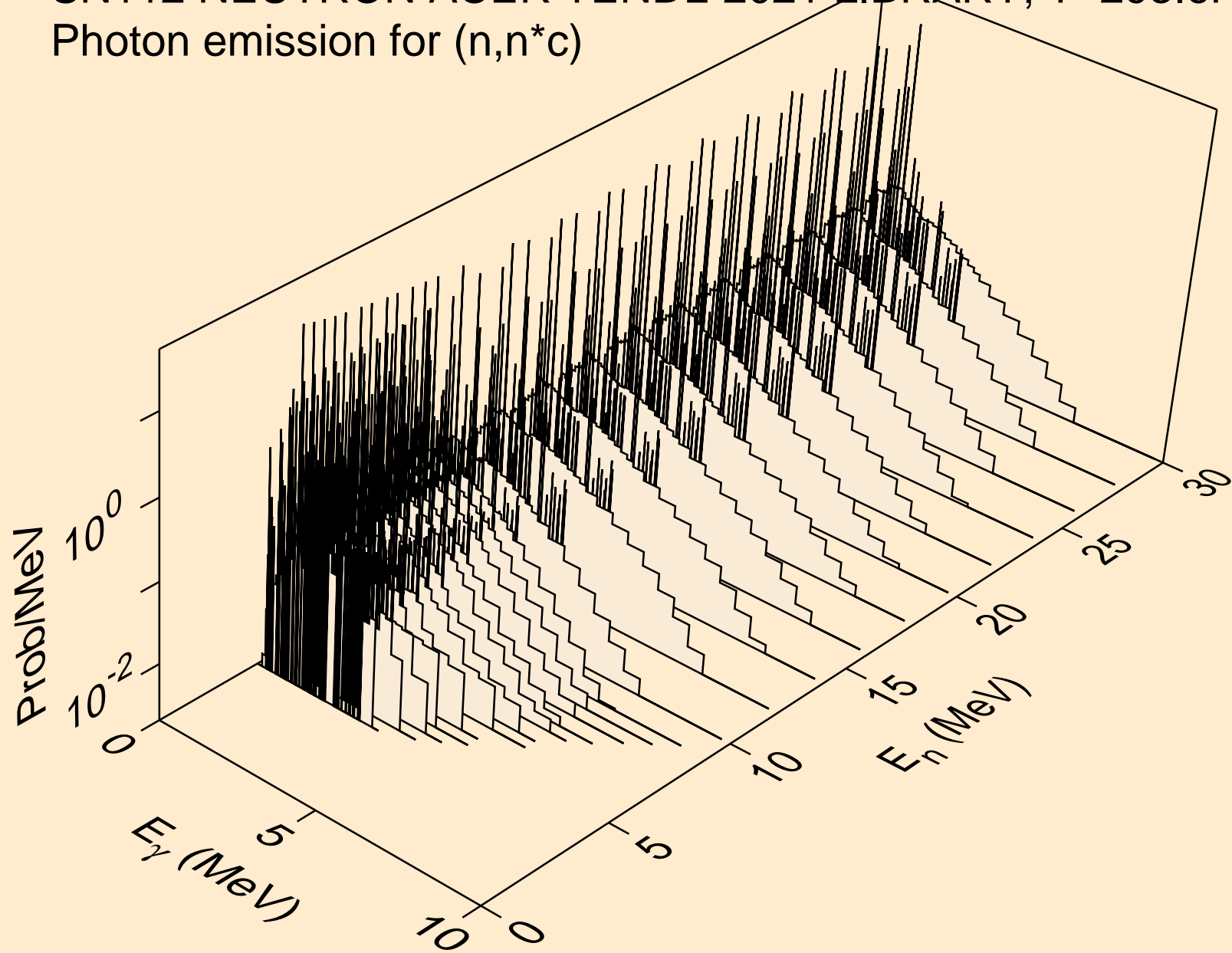
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Photon emission for (n,2np)



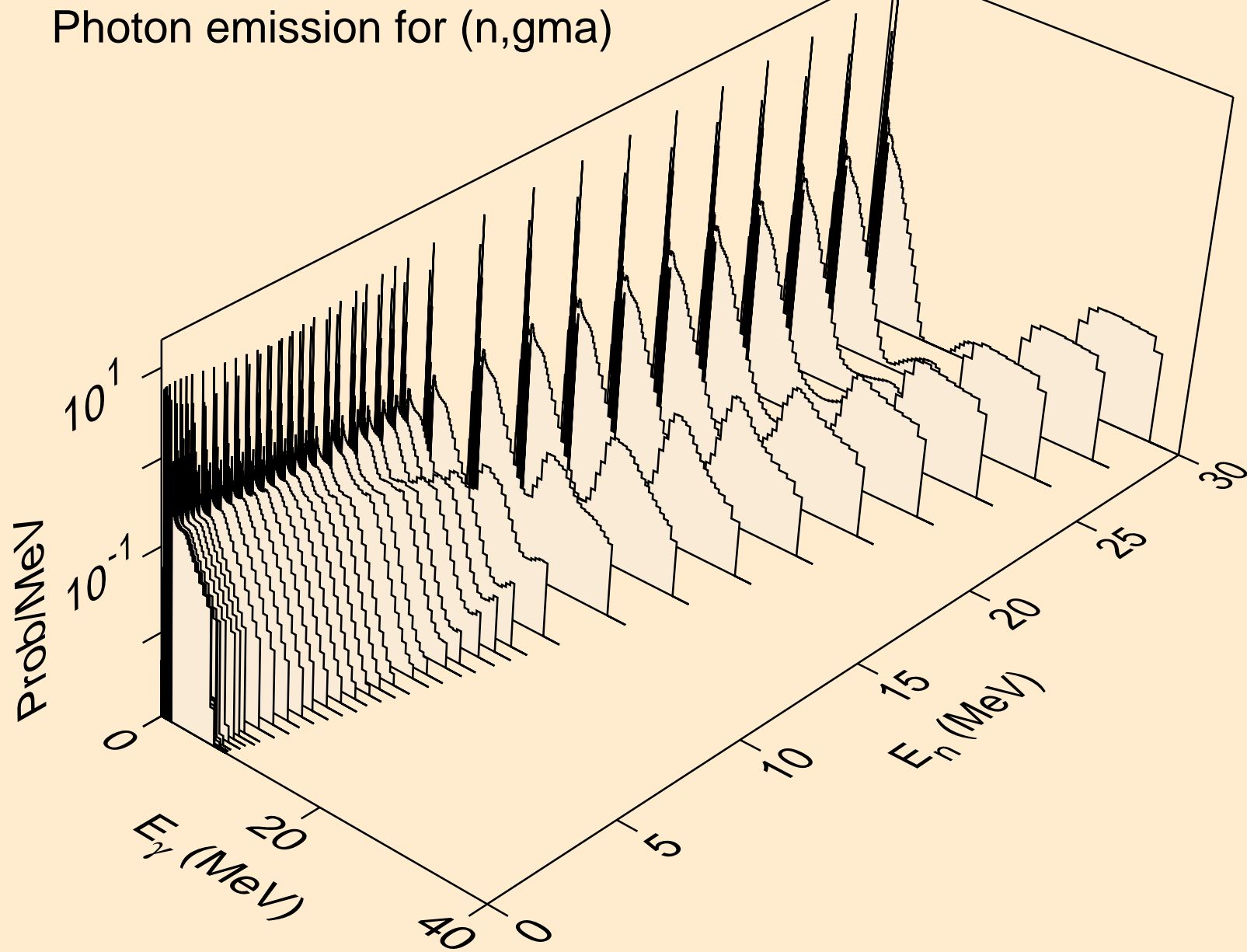
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

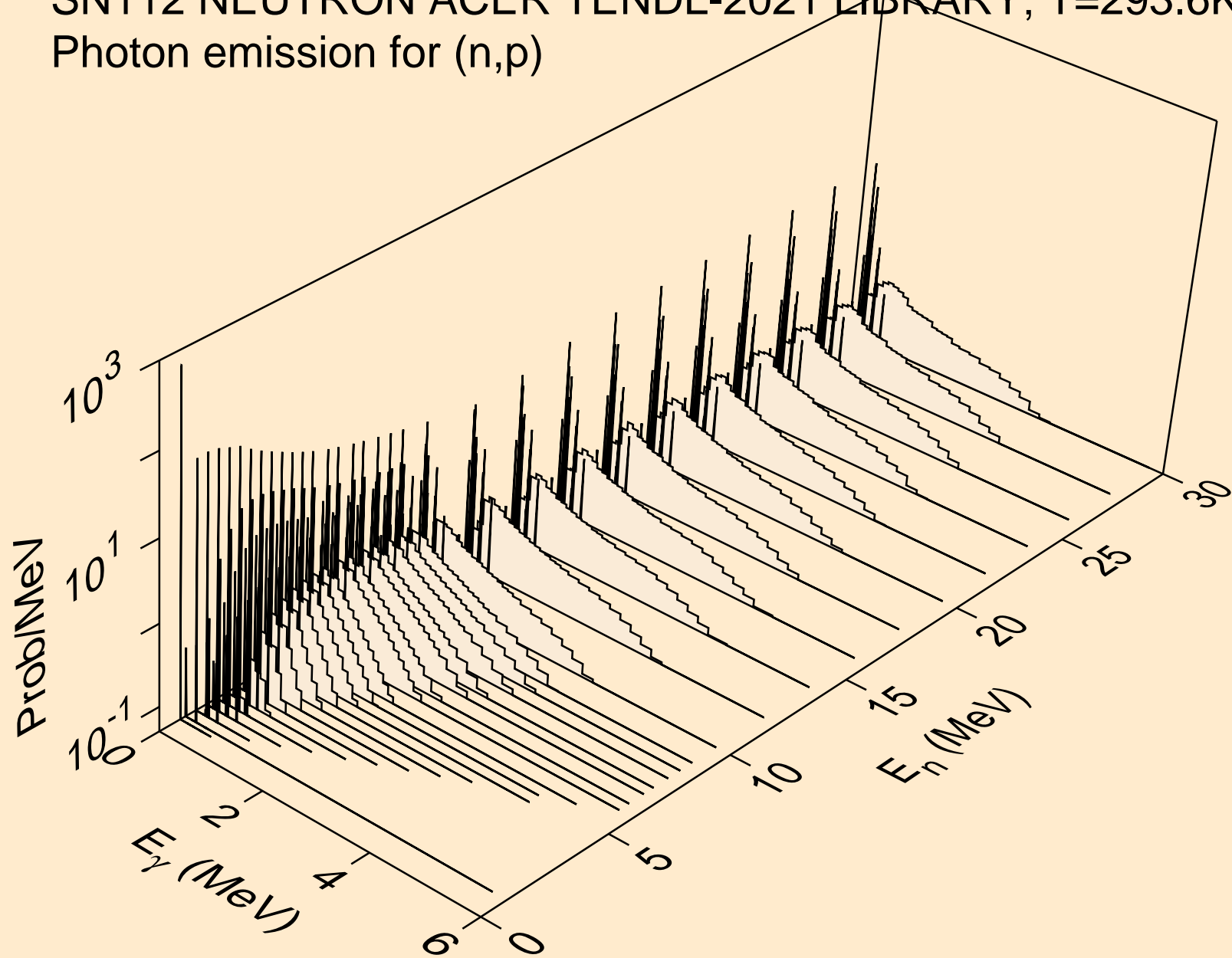


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Photon emission for (n,gma)

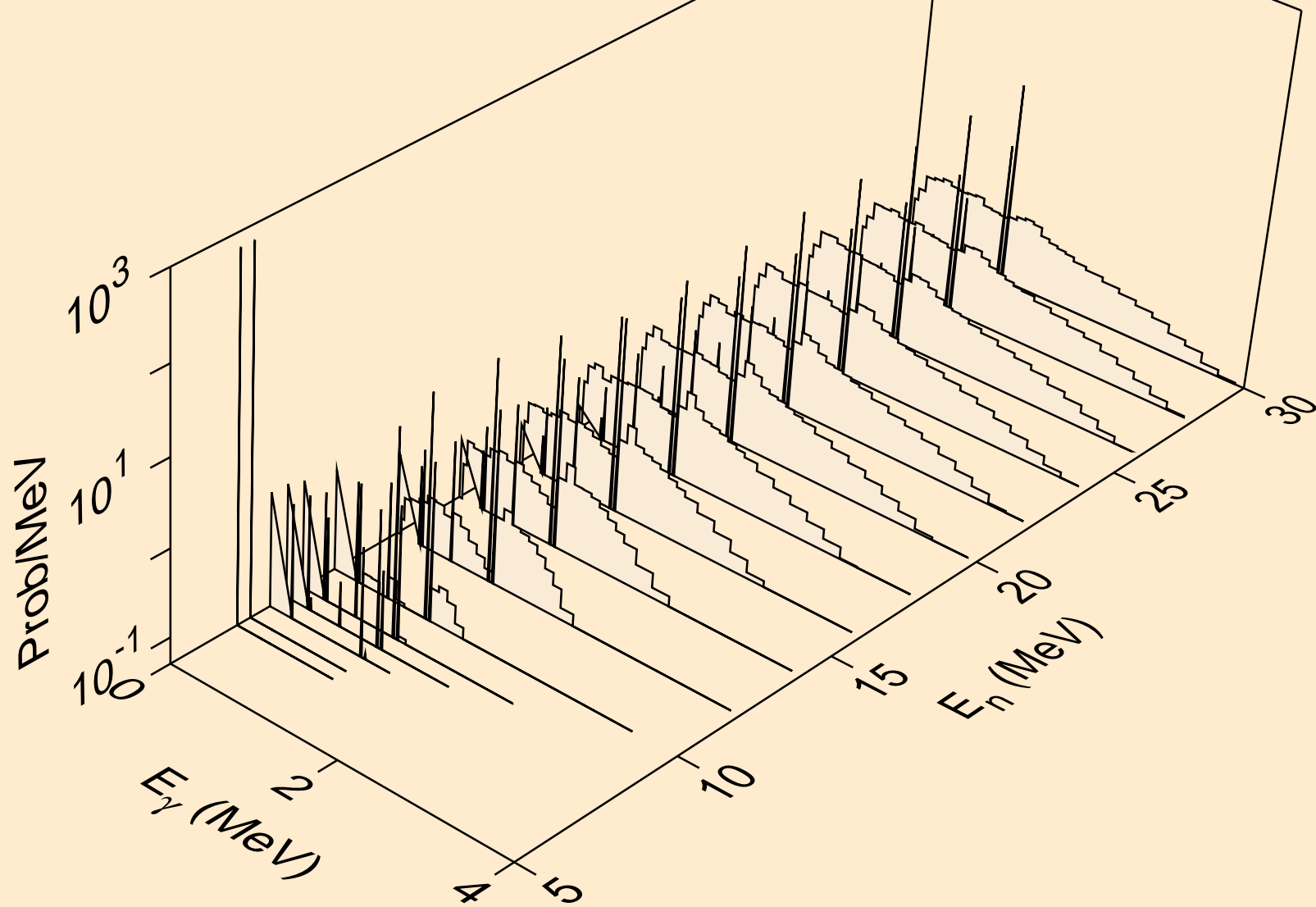




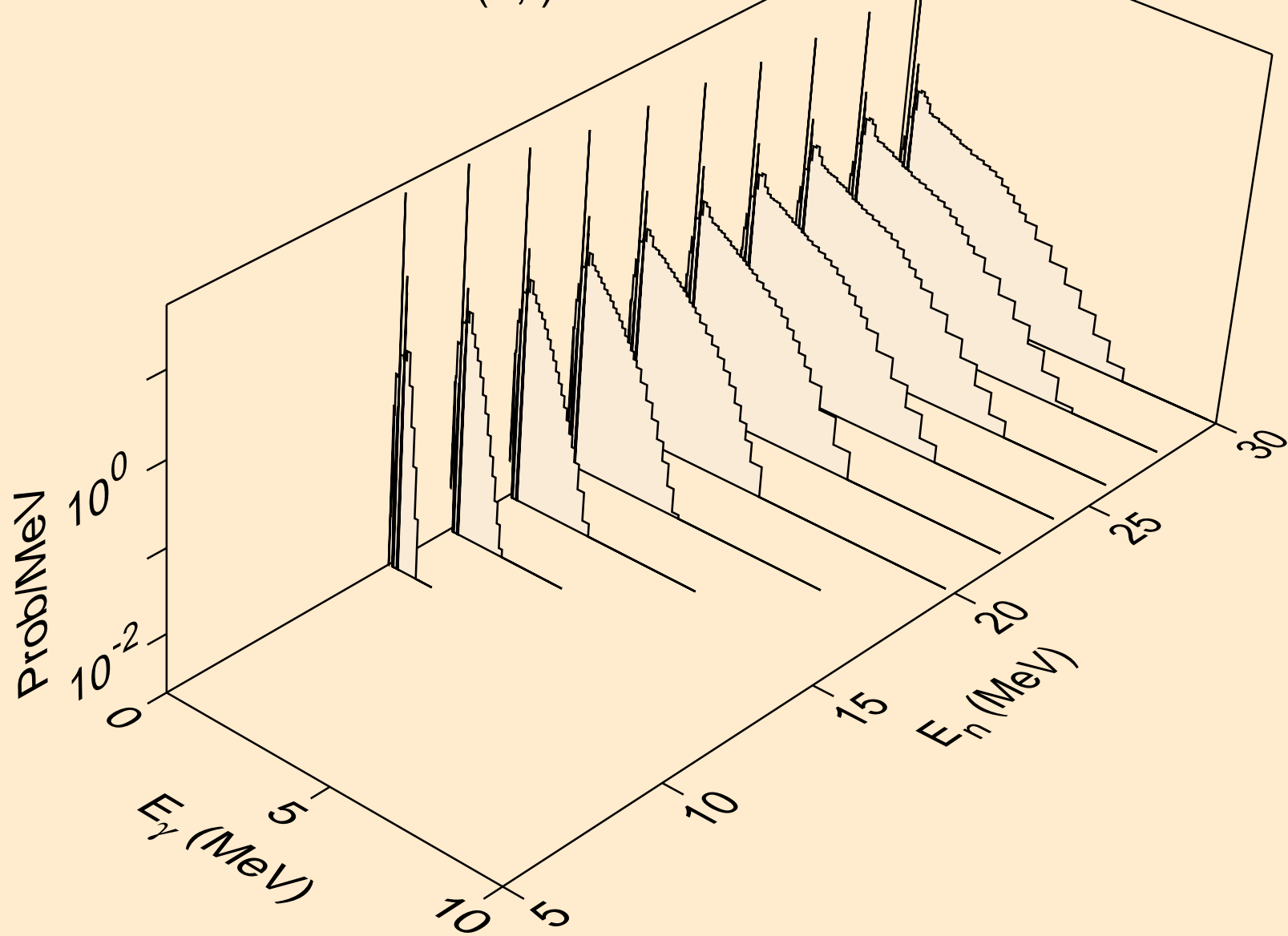
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Photon emission for (n,p)



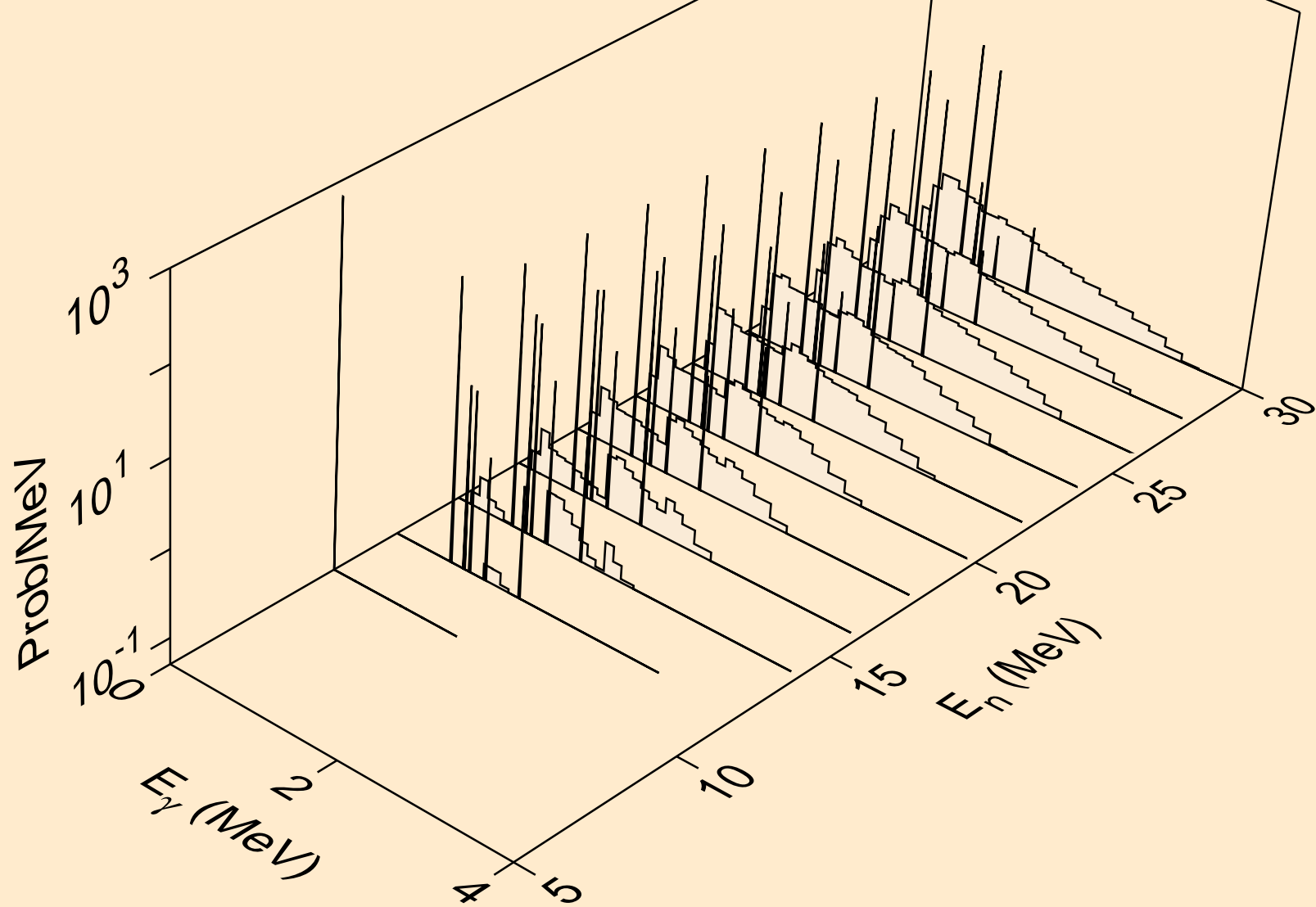
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Photon emission for (n,d)



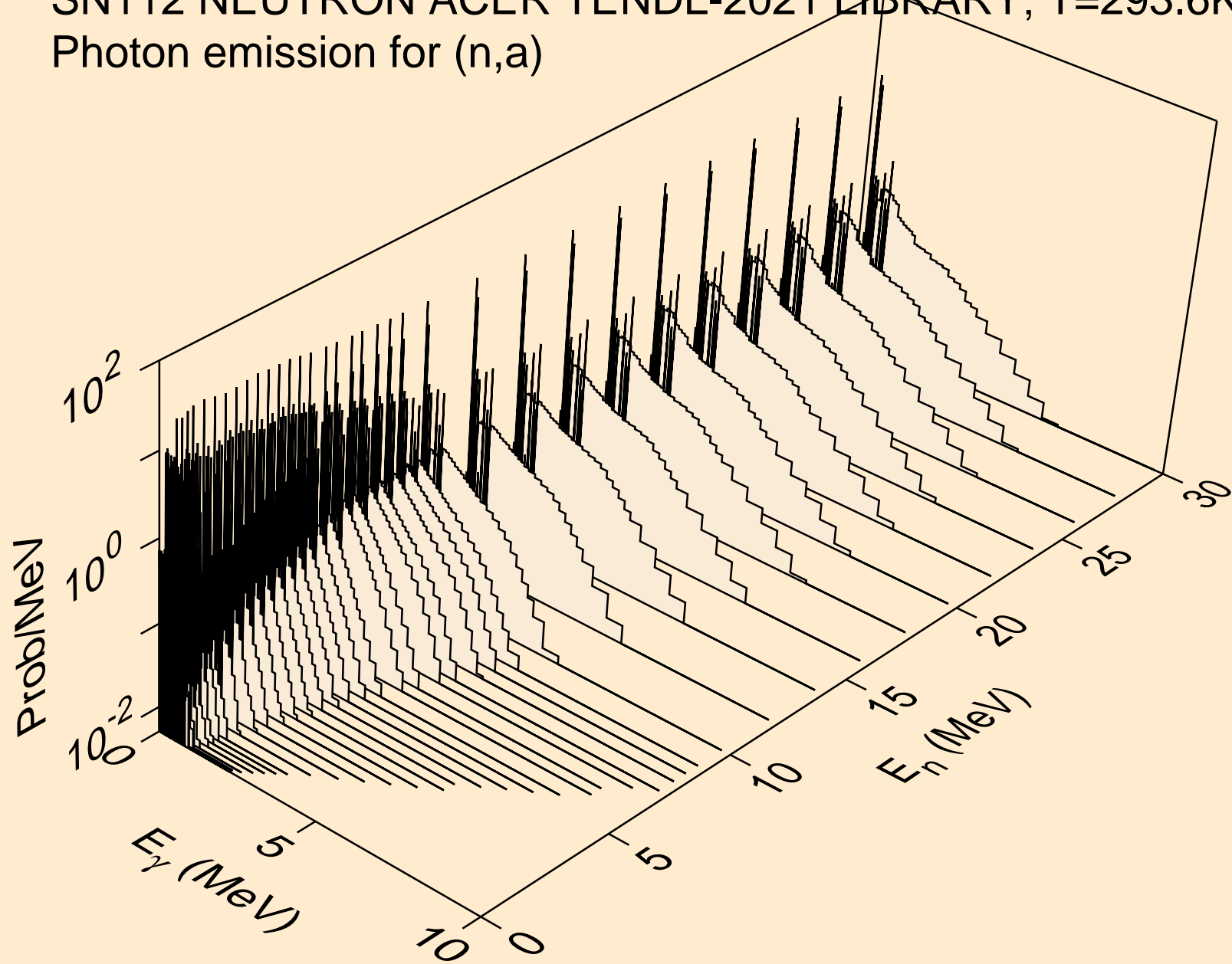
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Photon emission for (n,t)



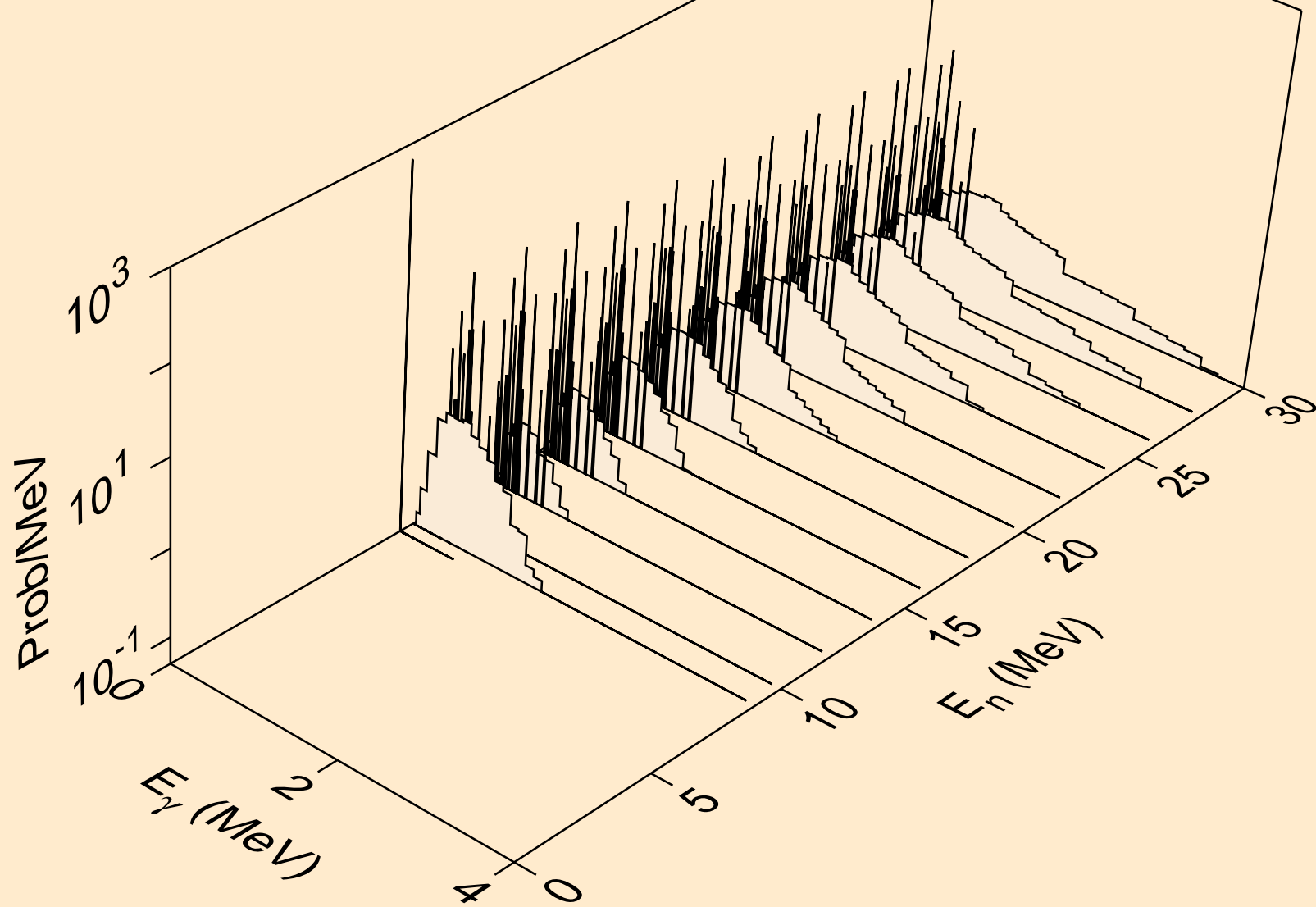
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Photon emission for (n,he3)



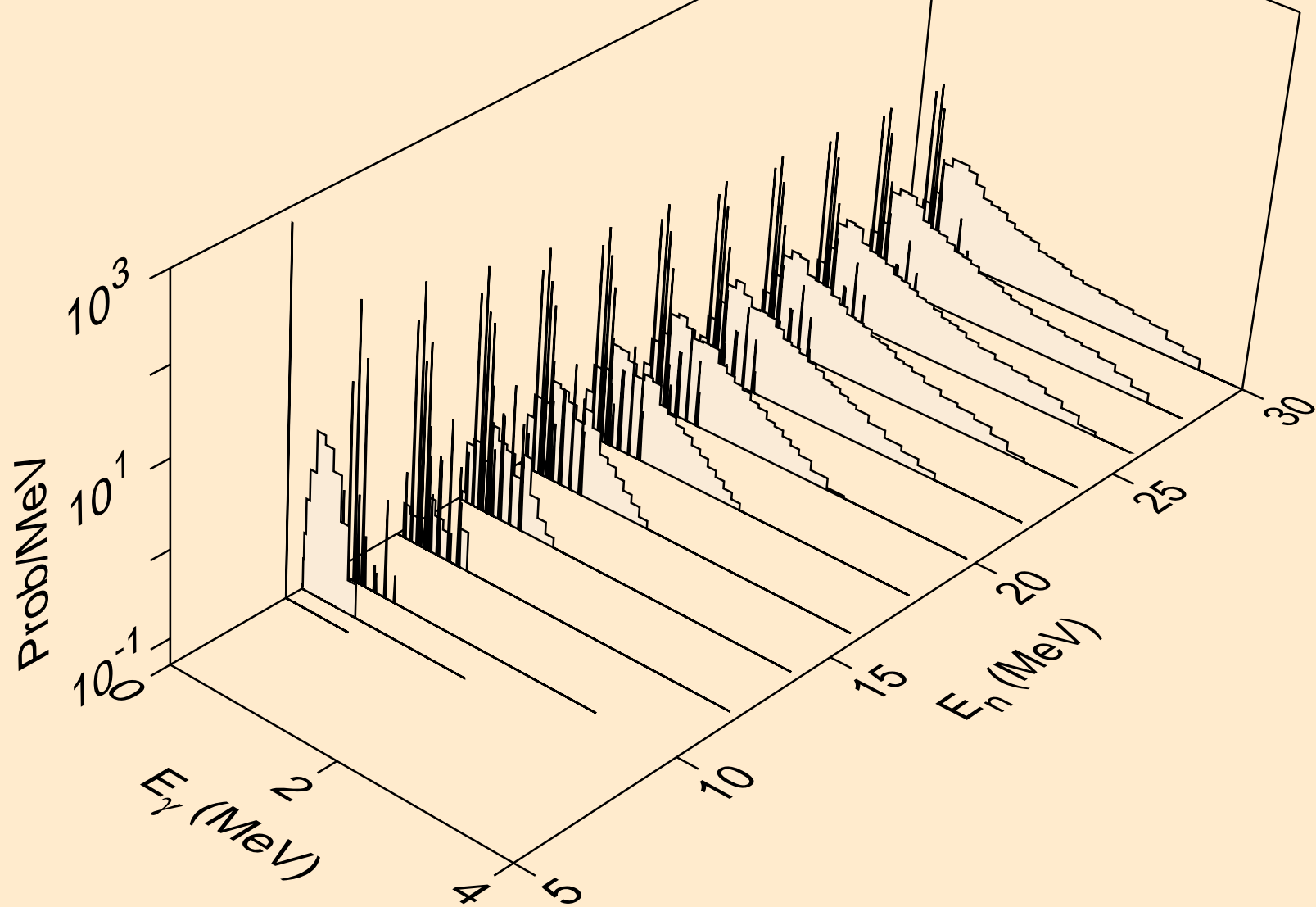
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Photon emission for (n,a)



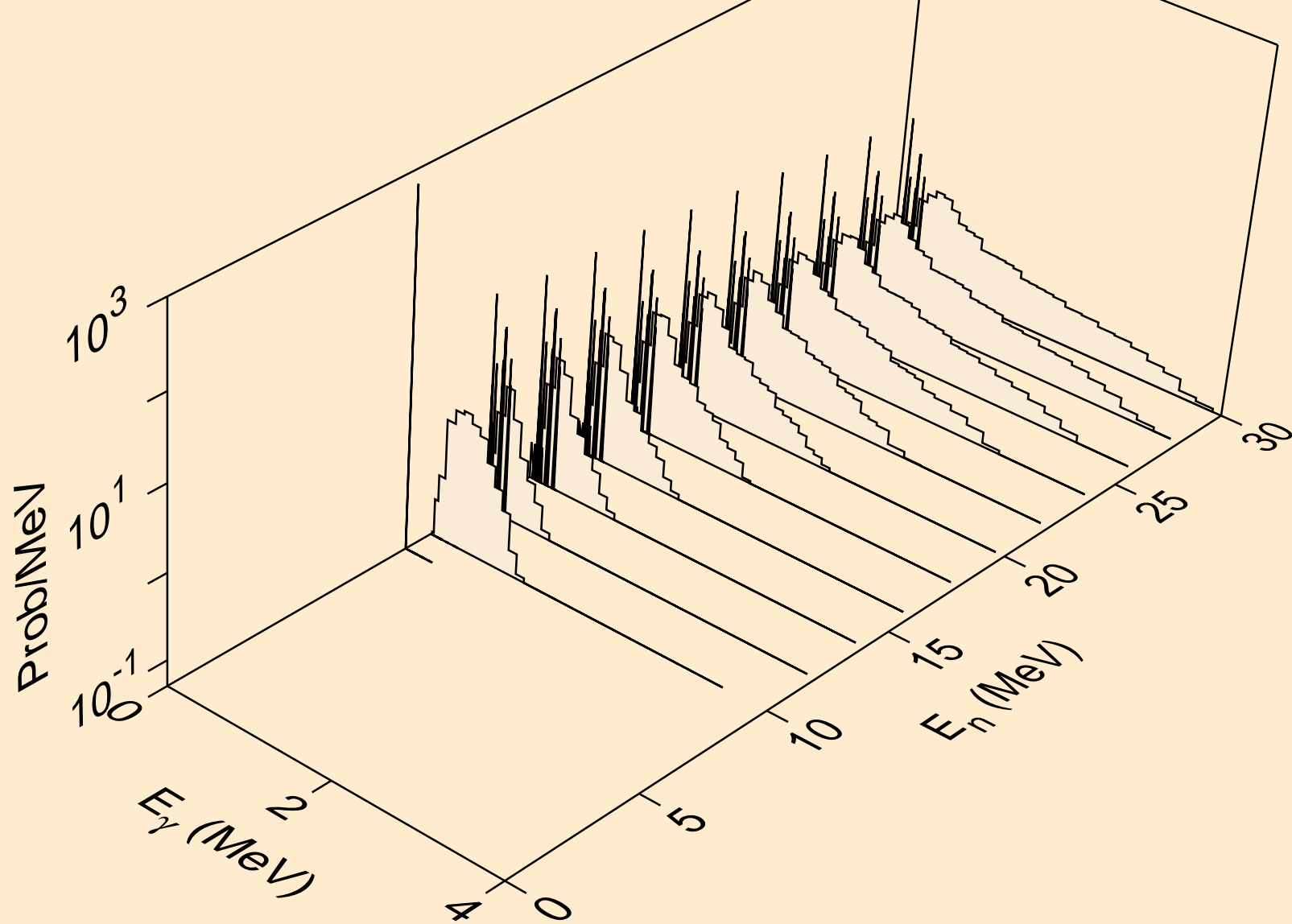
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

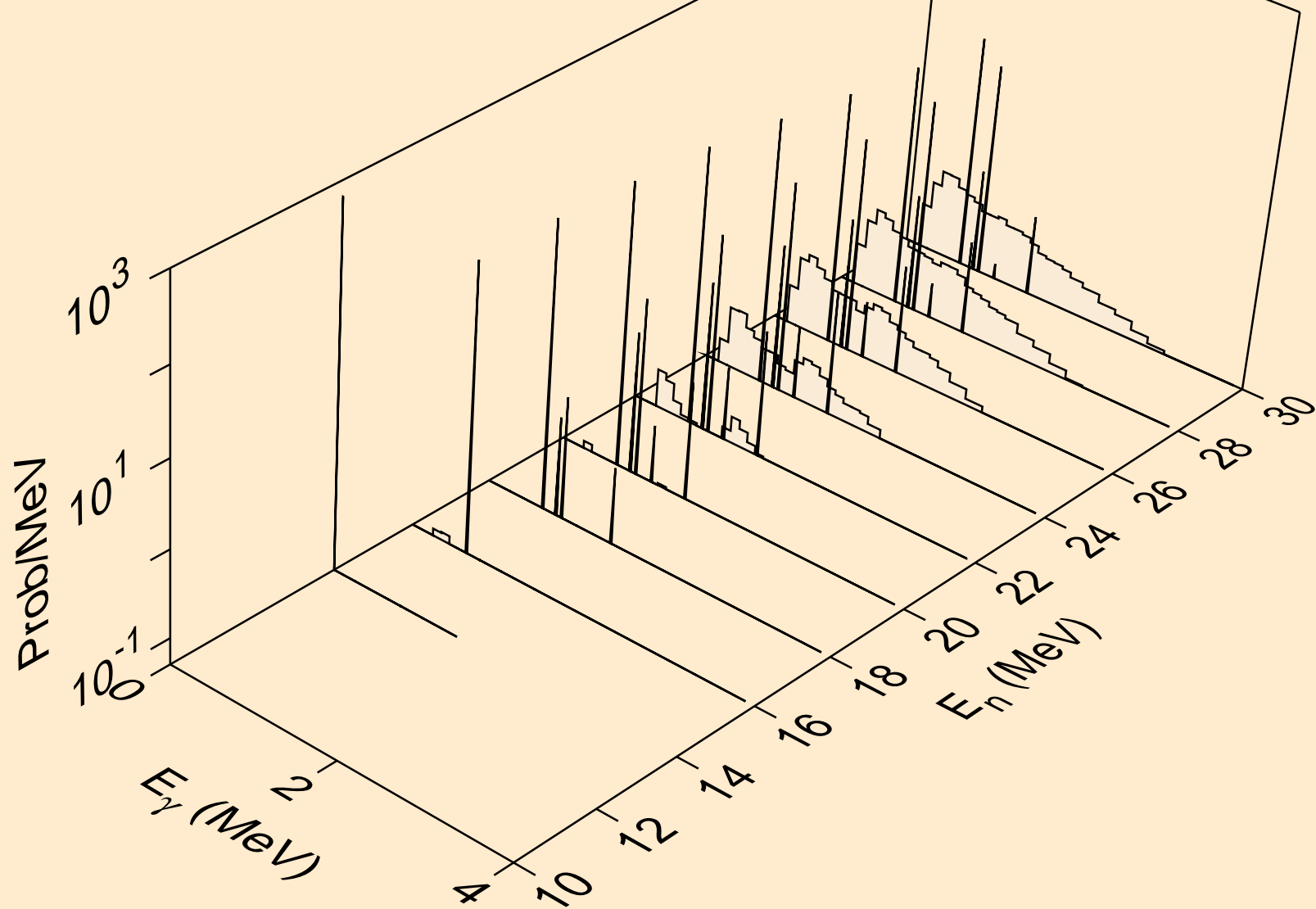


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Photon emission for (n,p $\alpha$ )

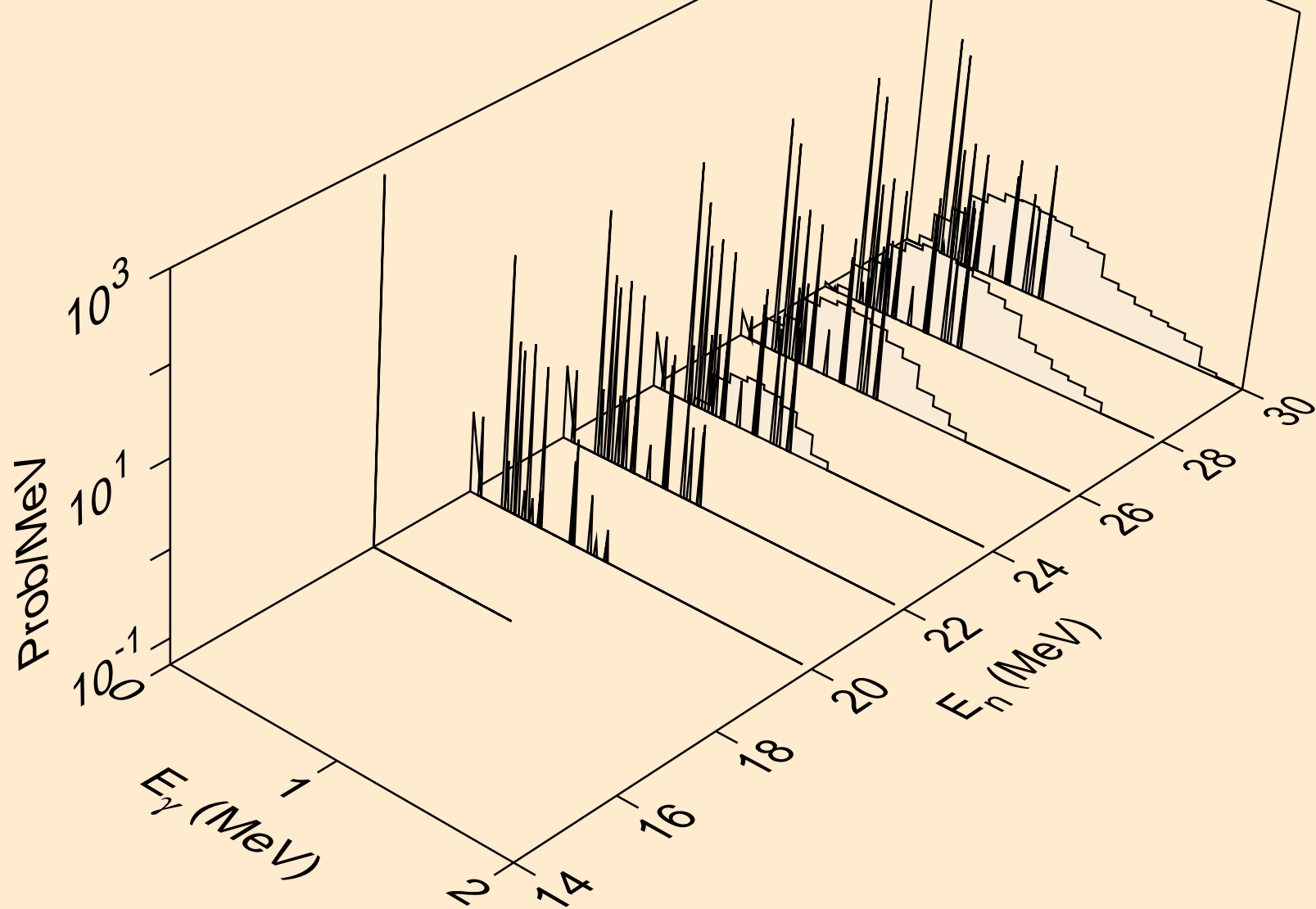




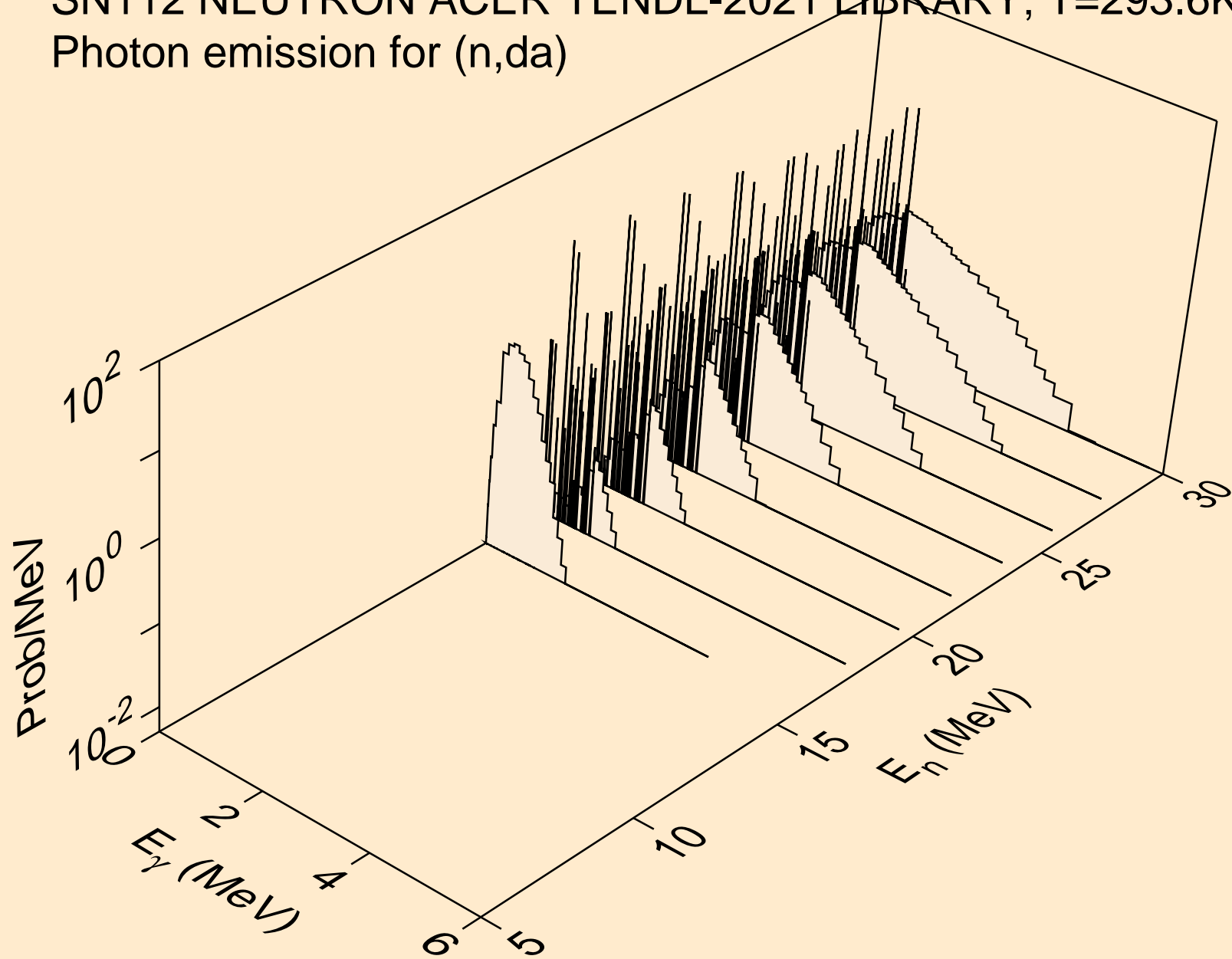
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Photon emission for (n,pd)



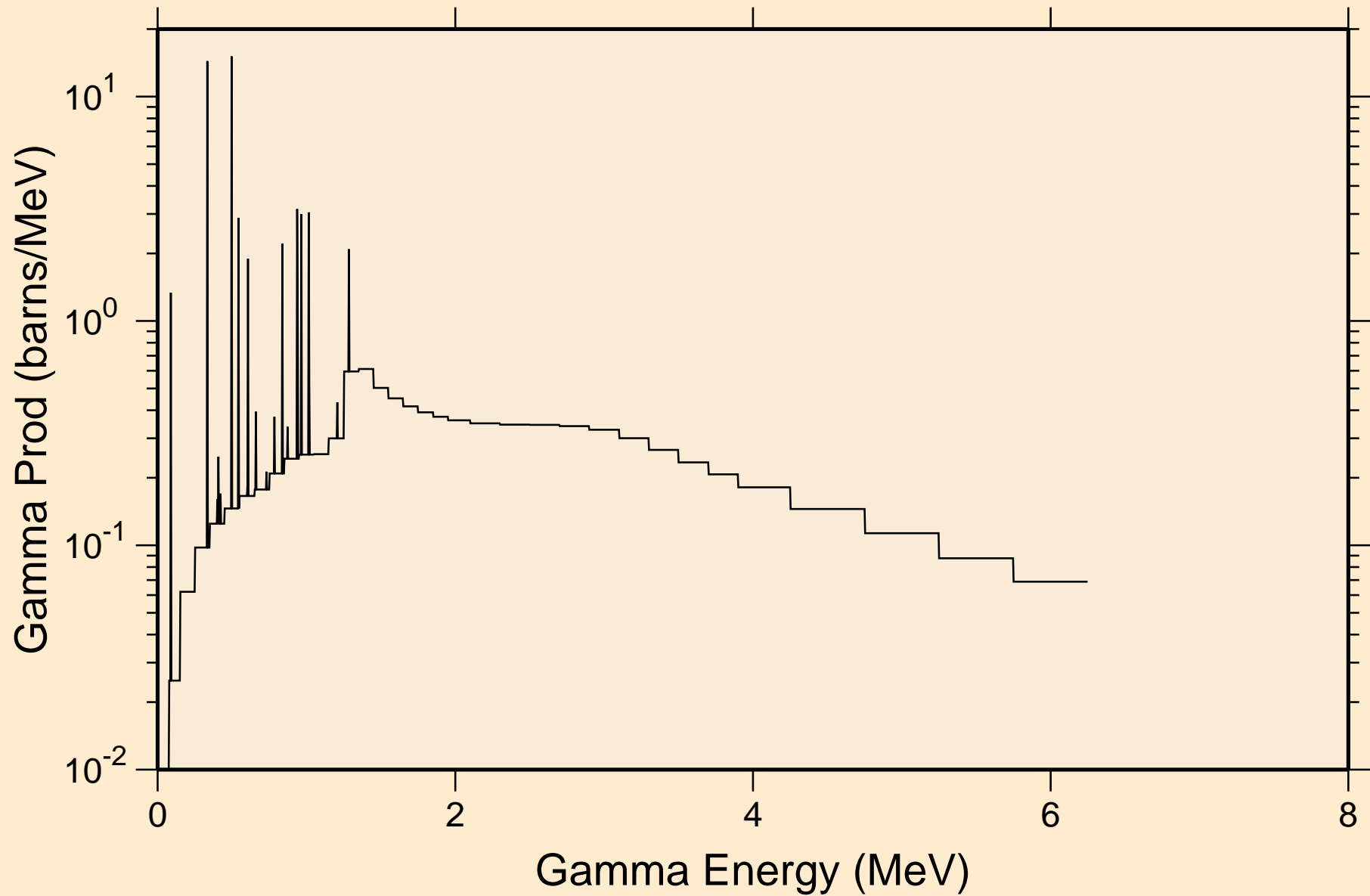
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



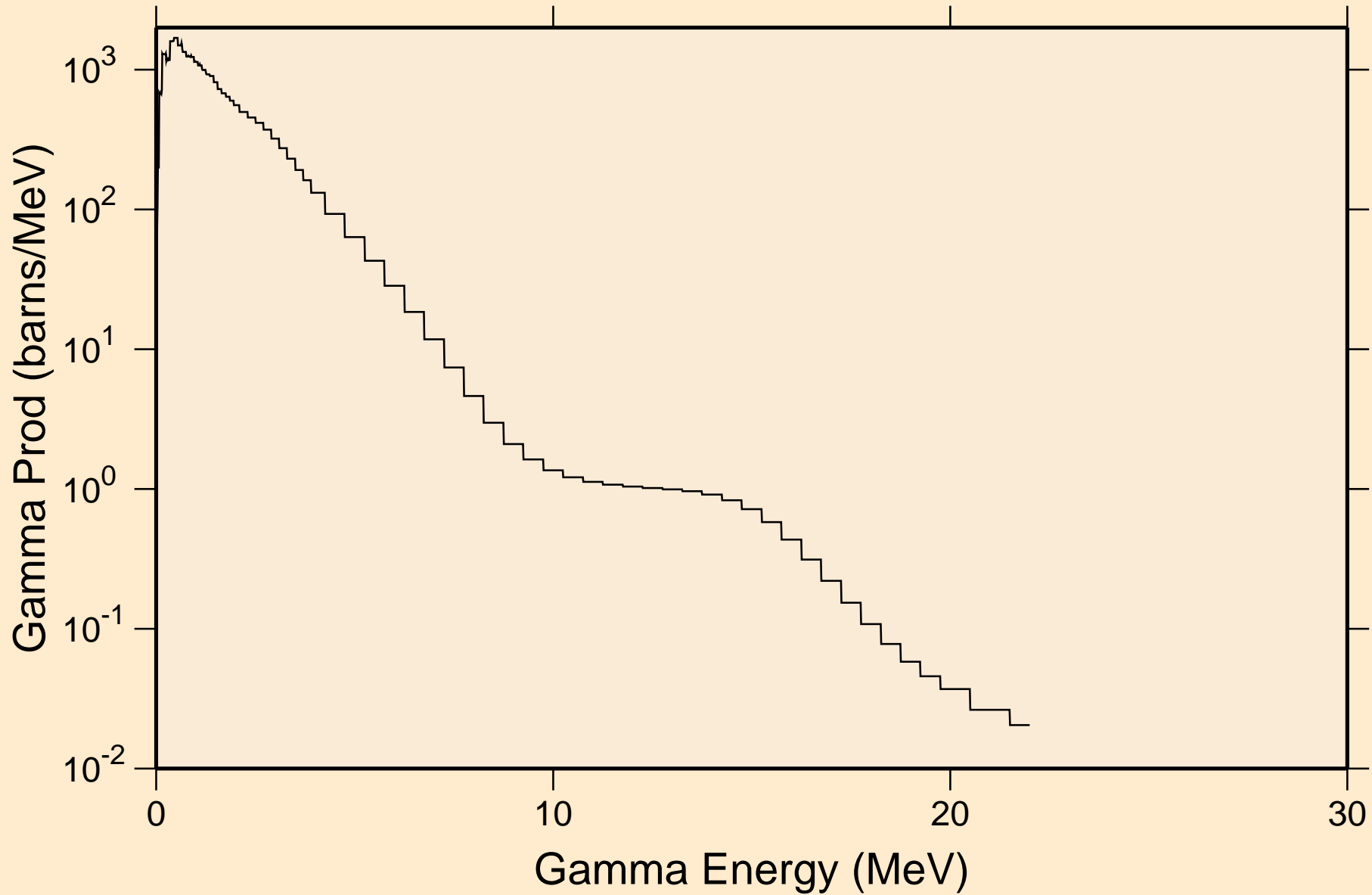
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



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thermal capture photon spectrum

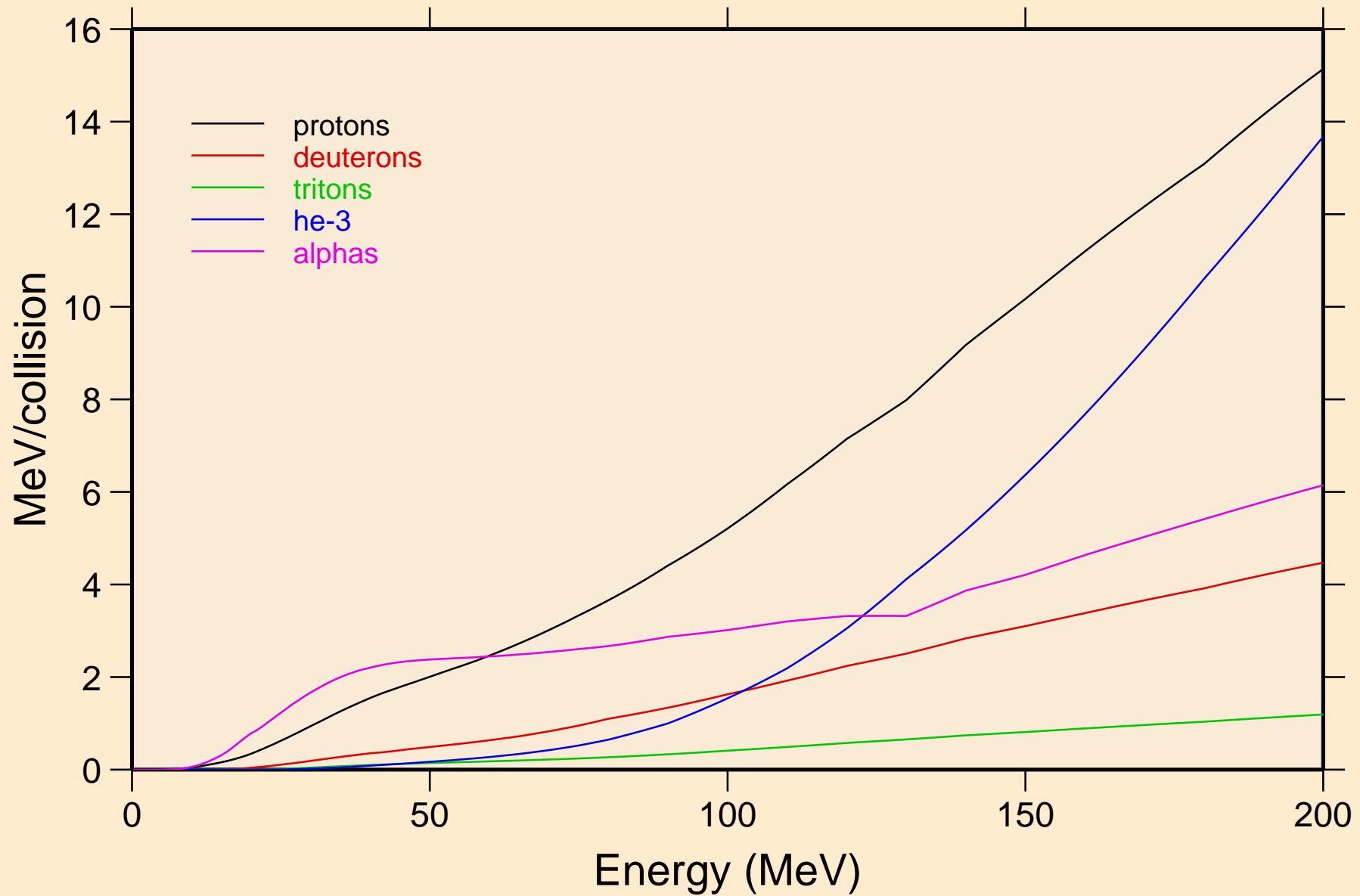


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



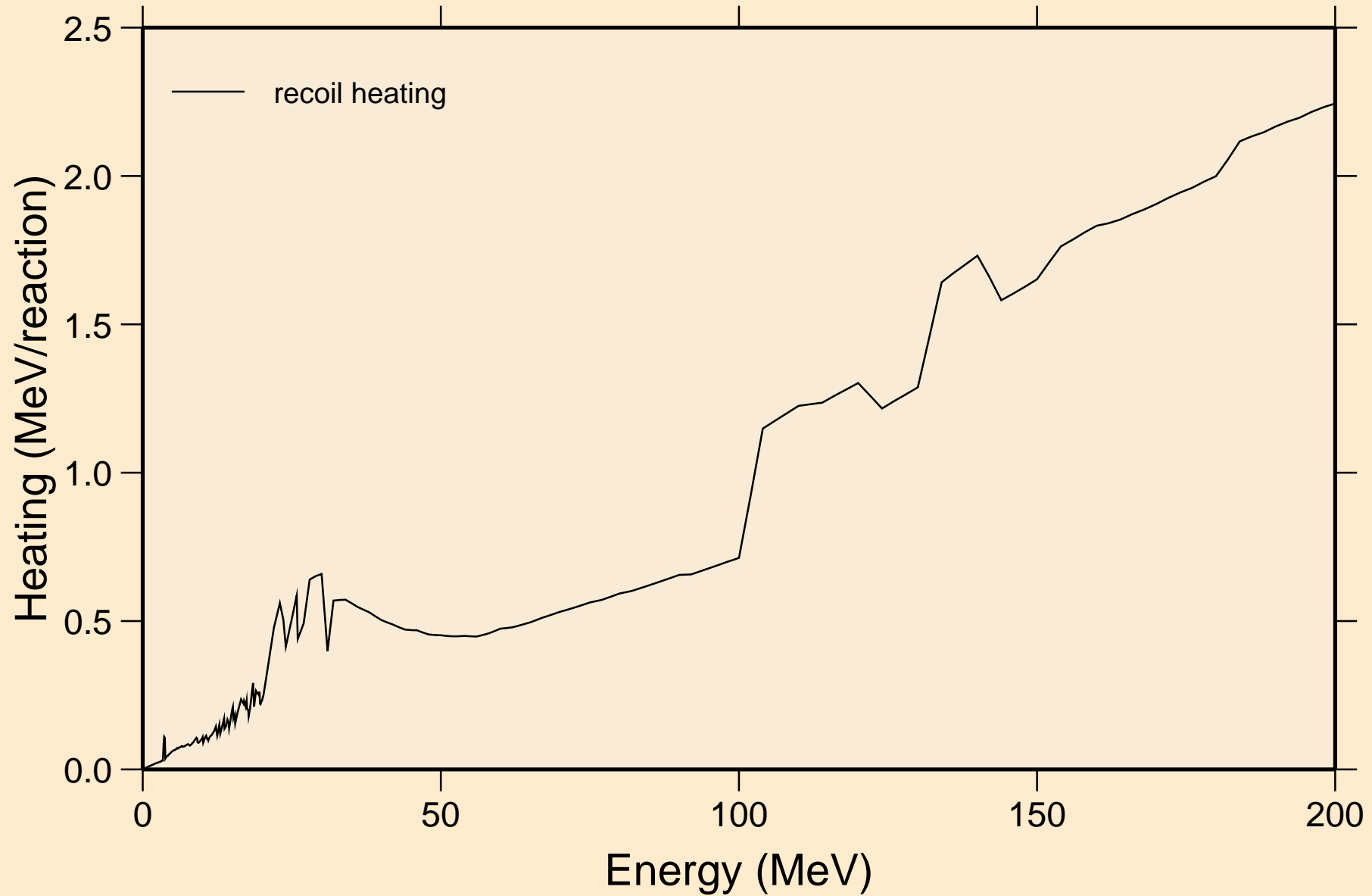
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions



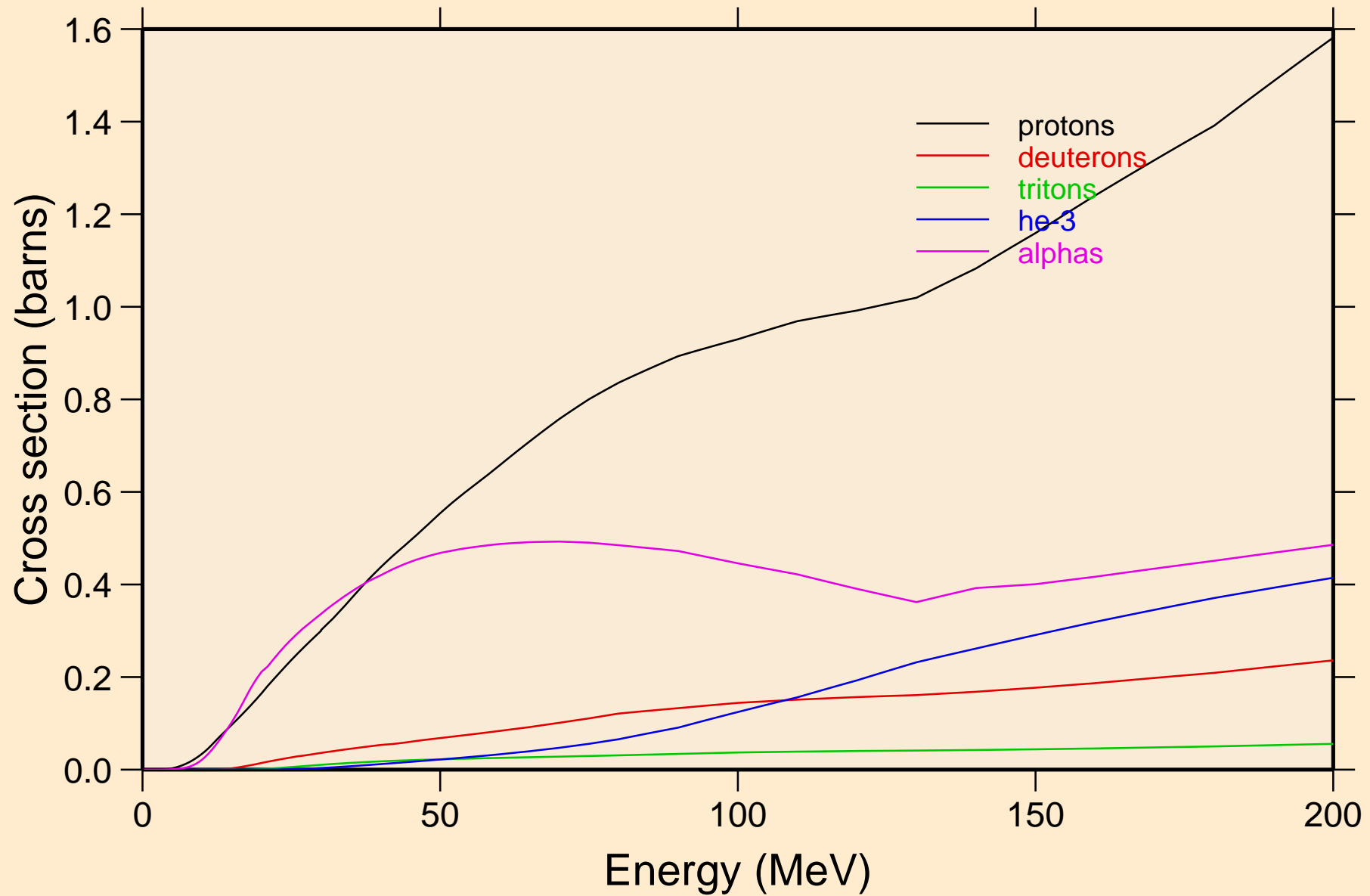
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Recoil Heating



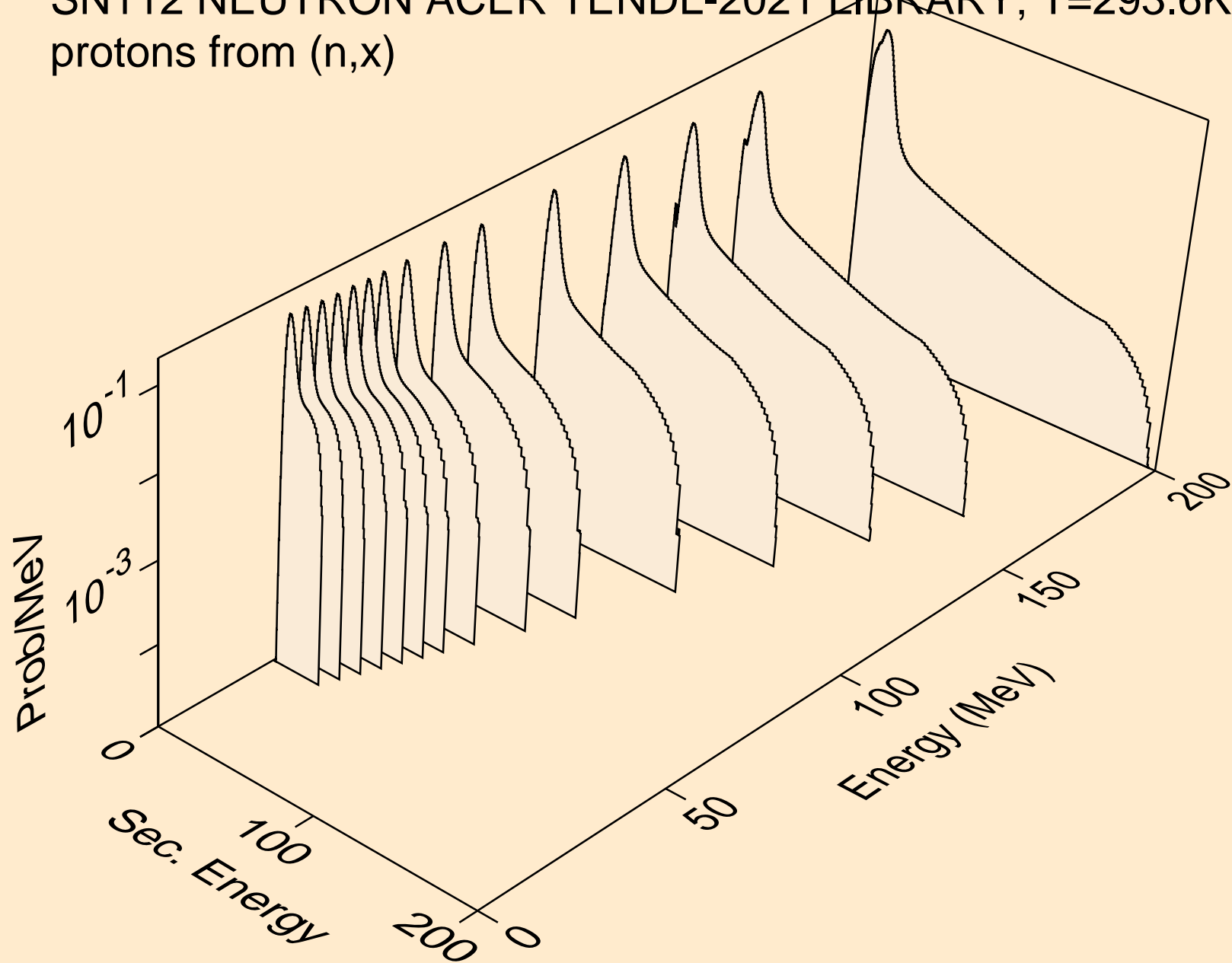
# SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle production cross sections

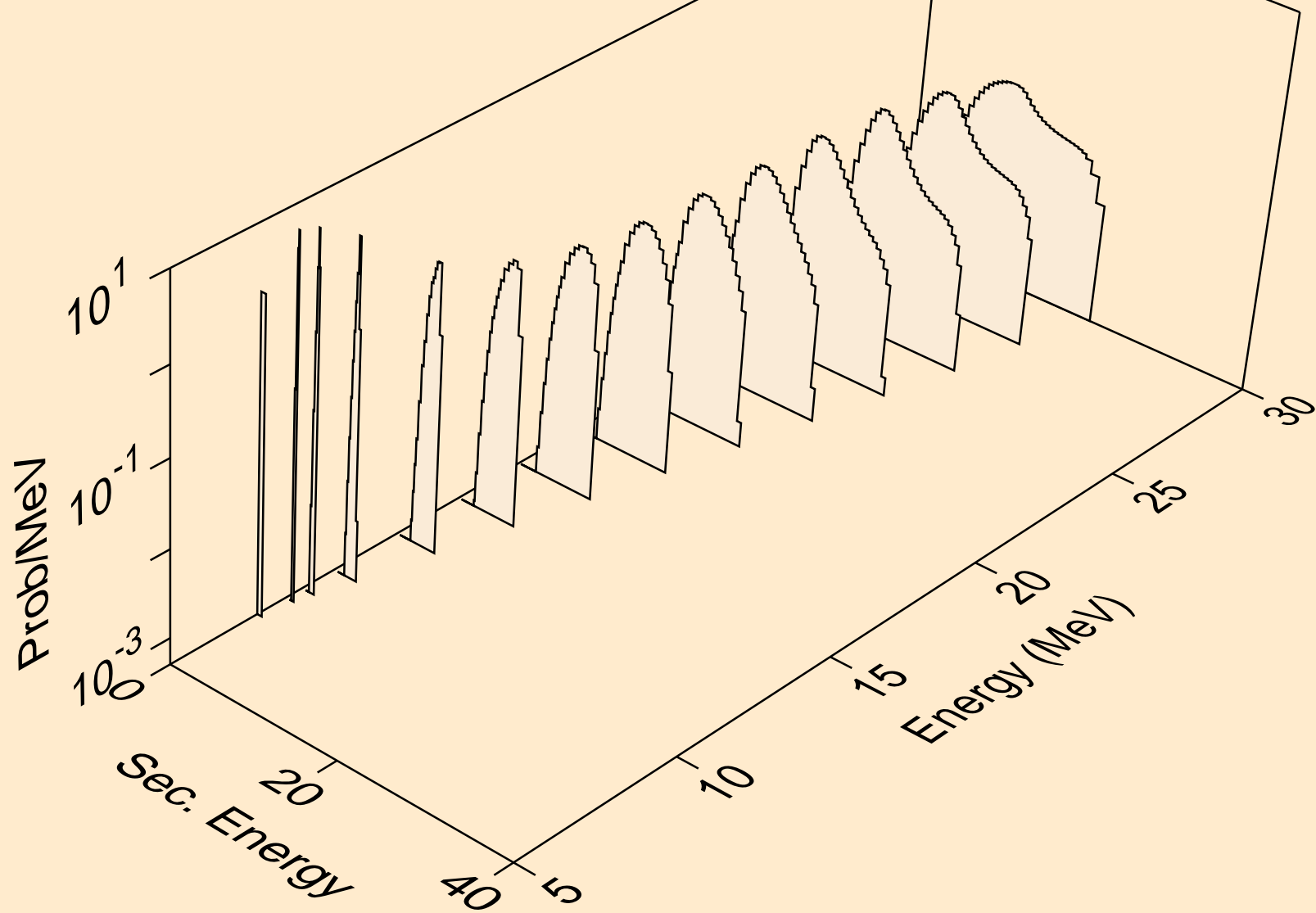




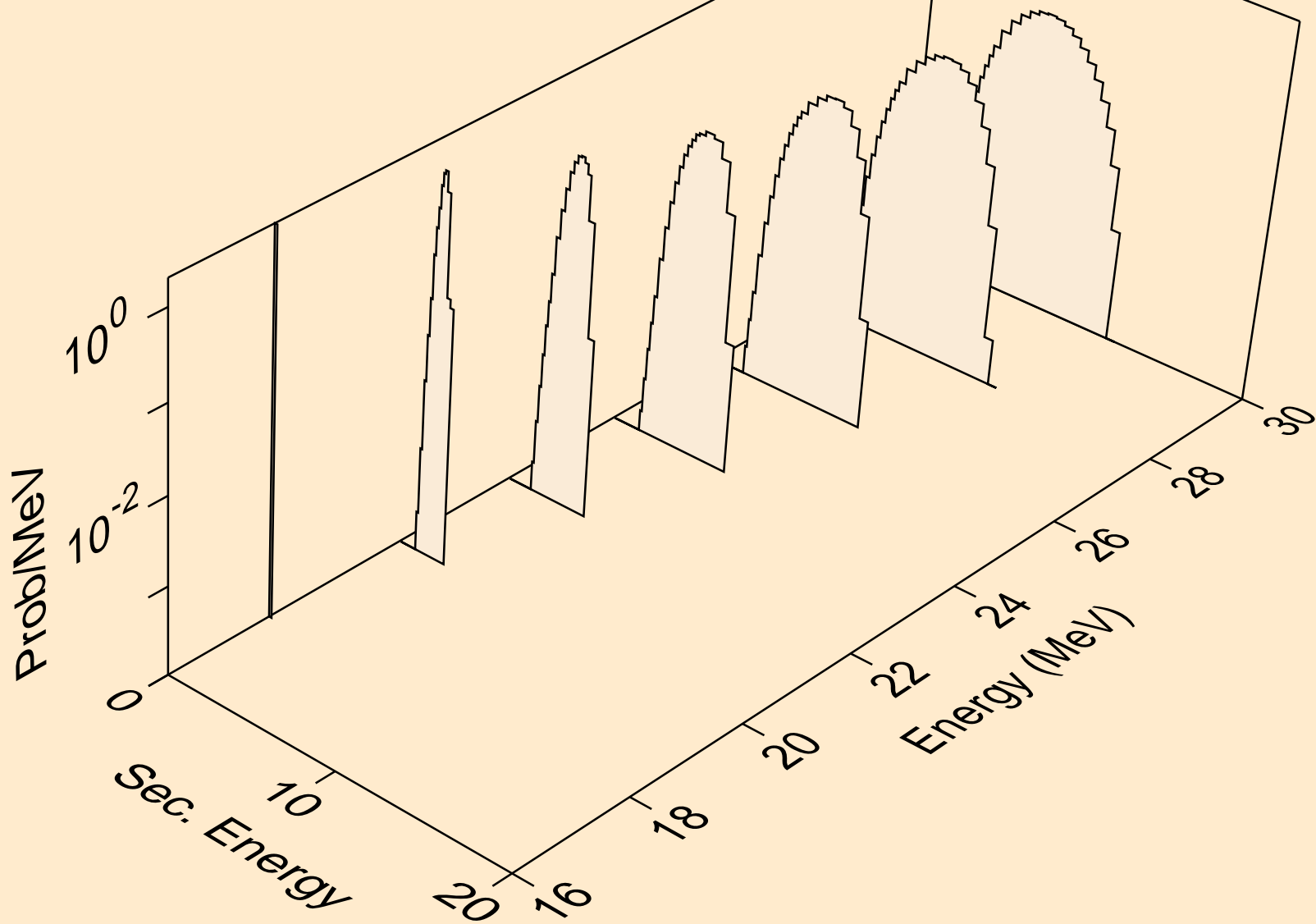
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



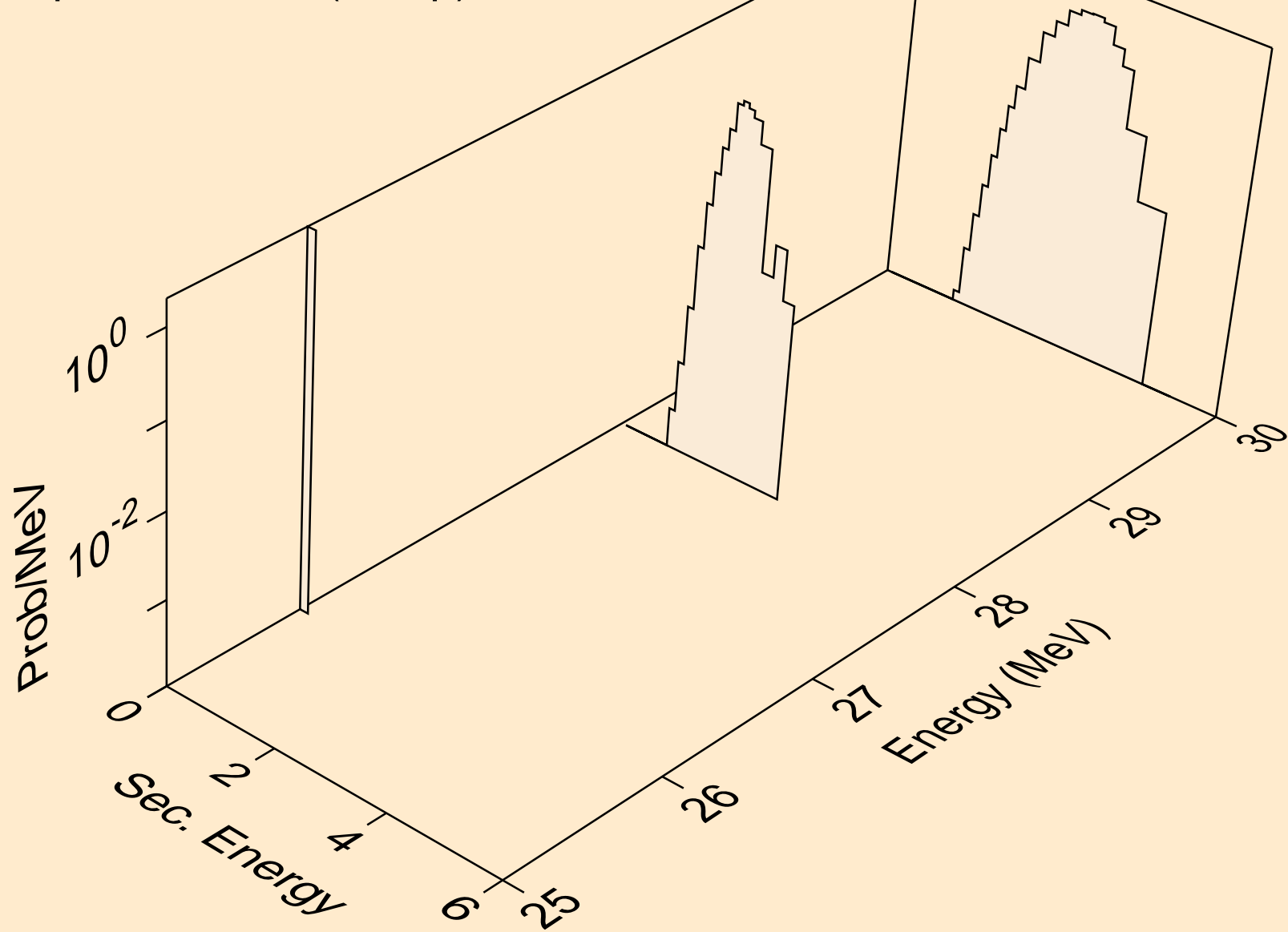
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



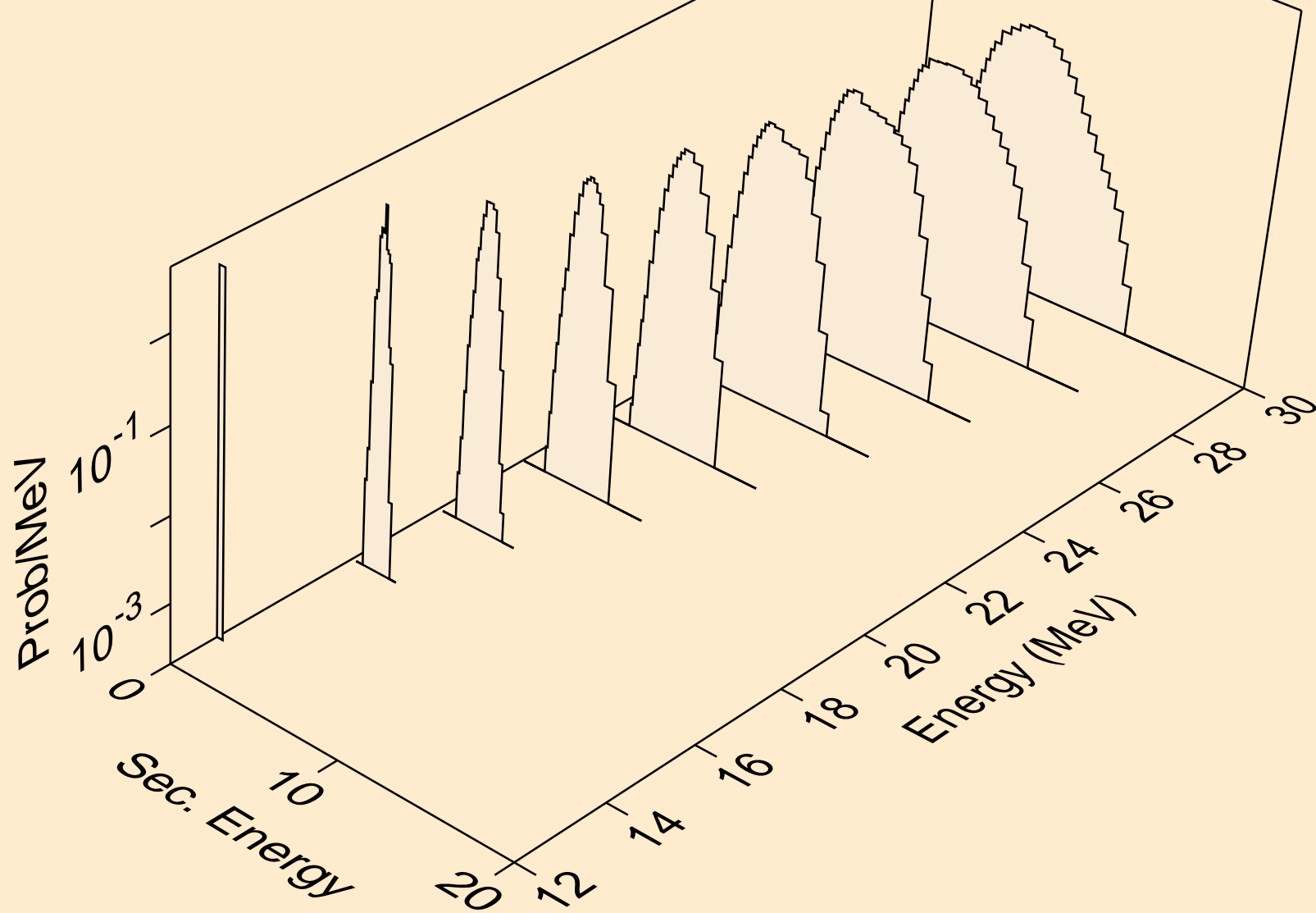
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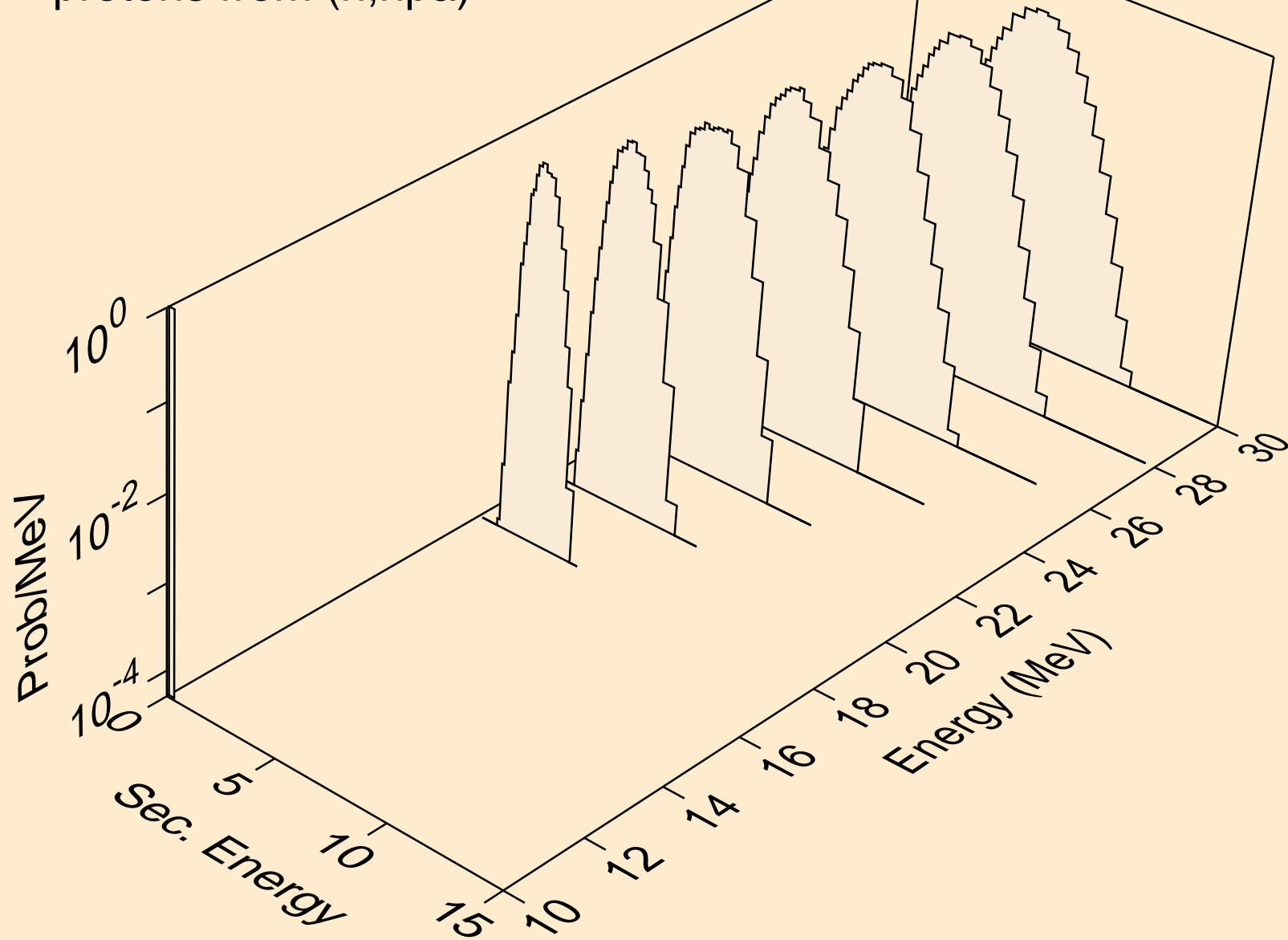
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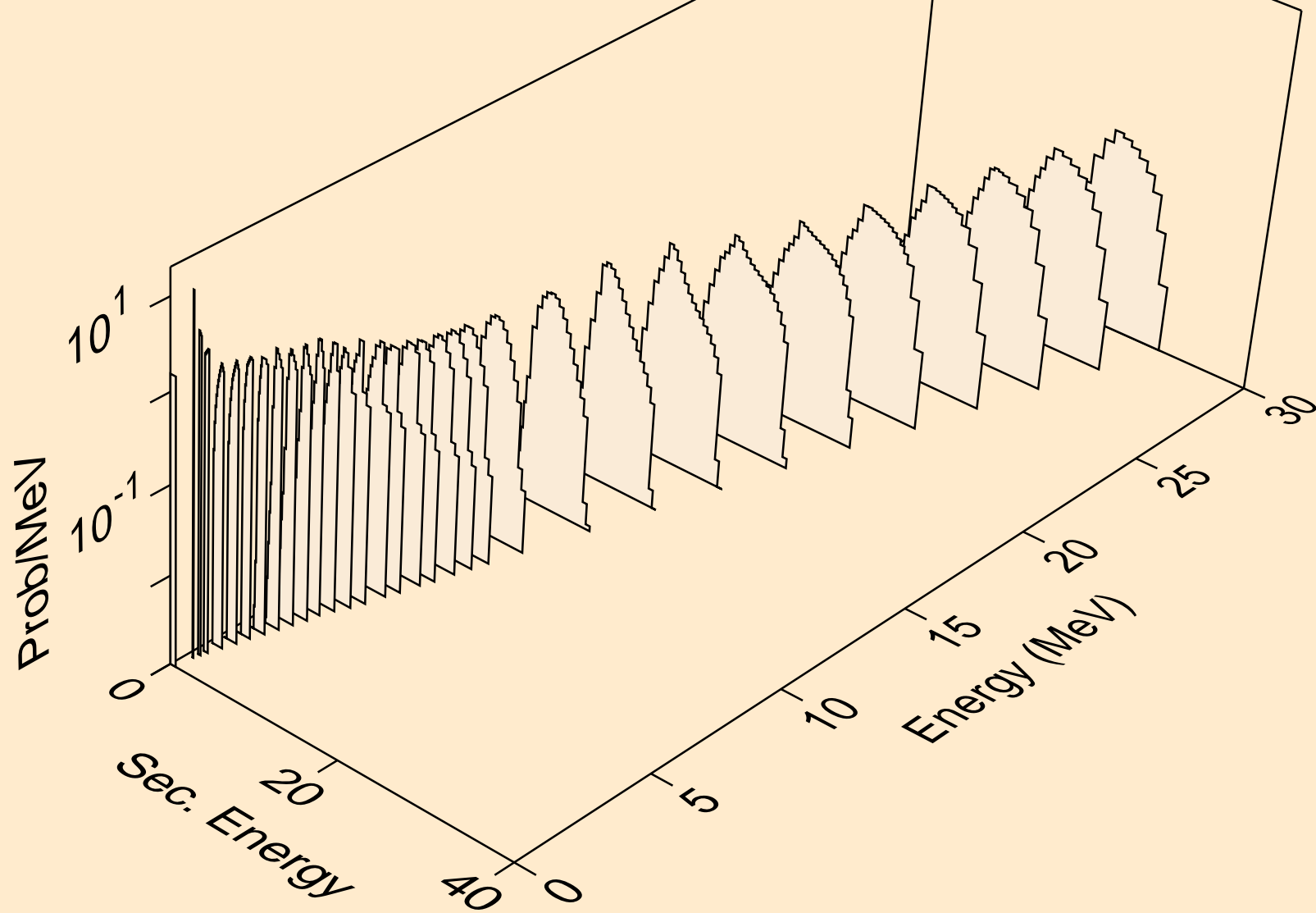
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protons from (n,2np)



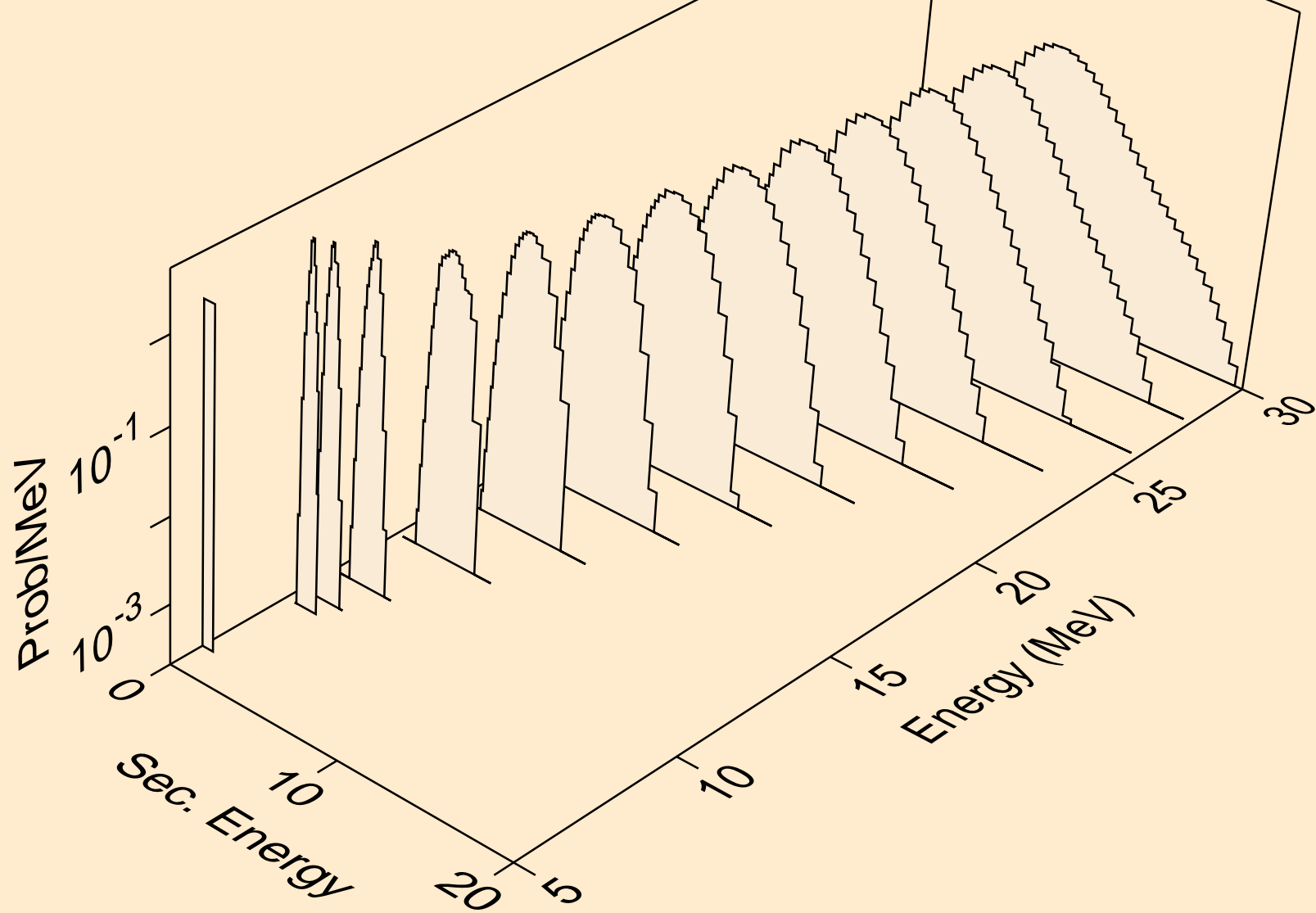
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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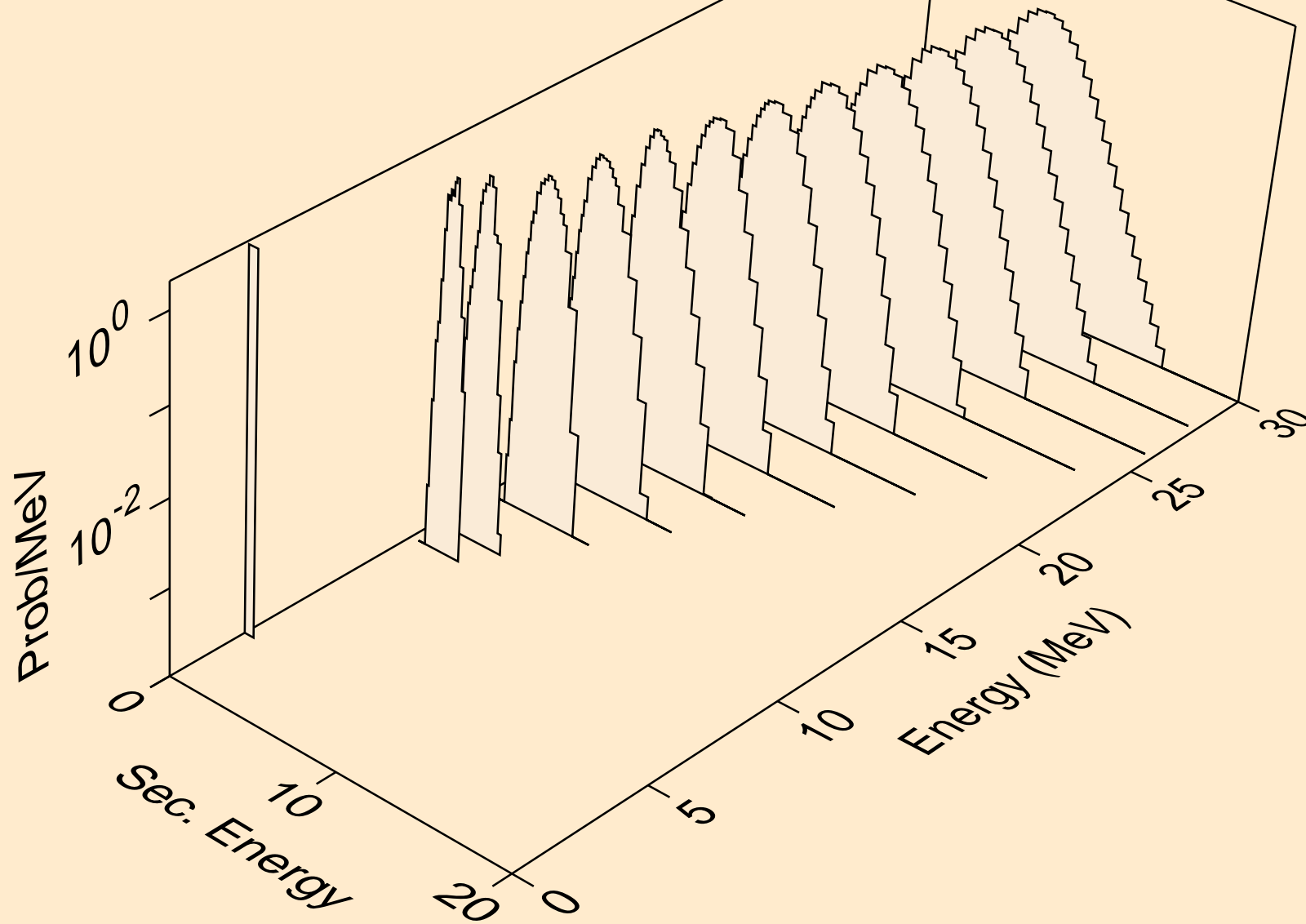


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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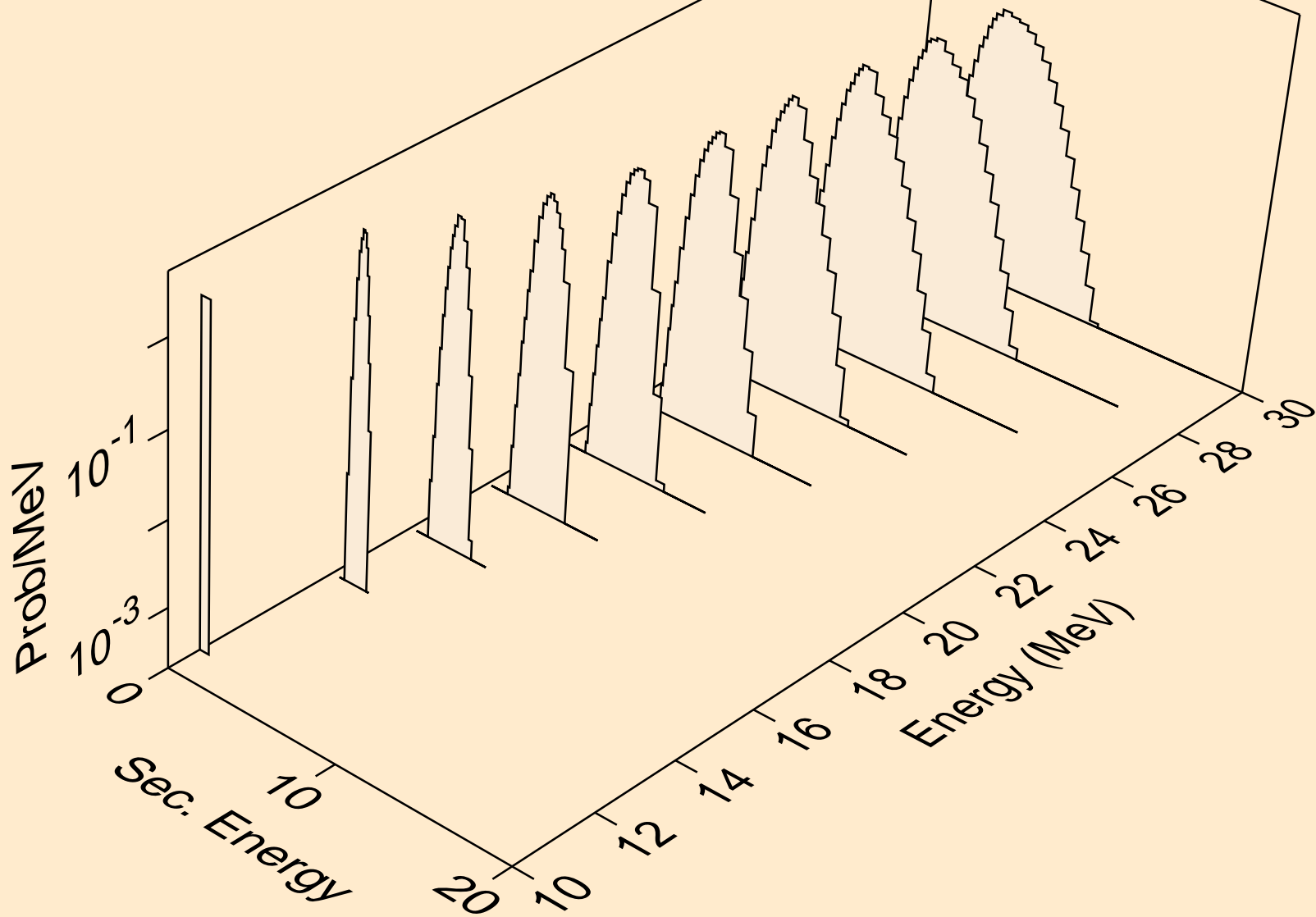




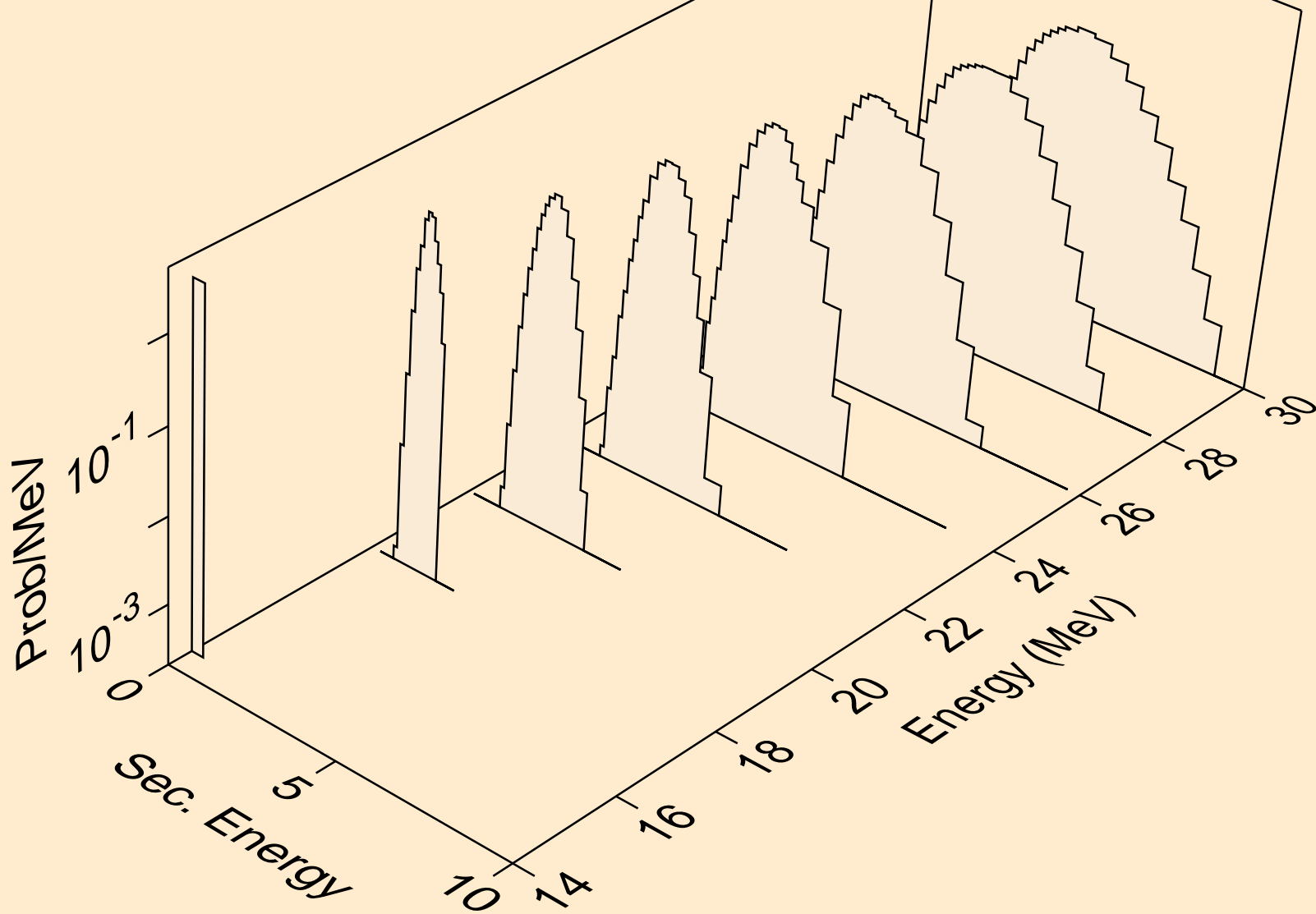
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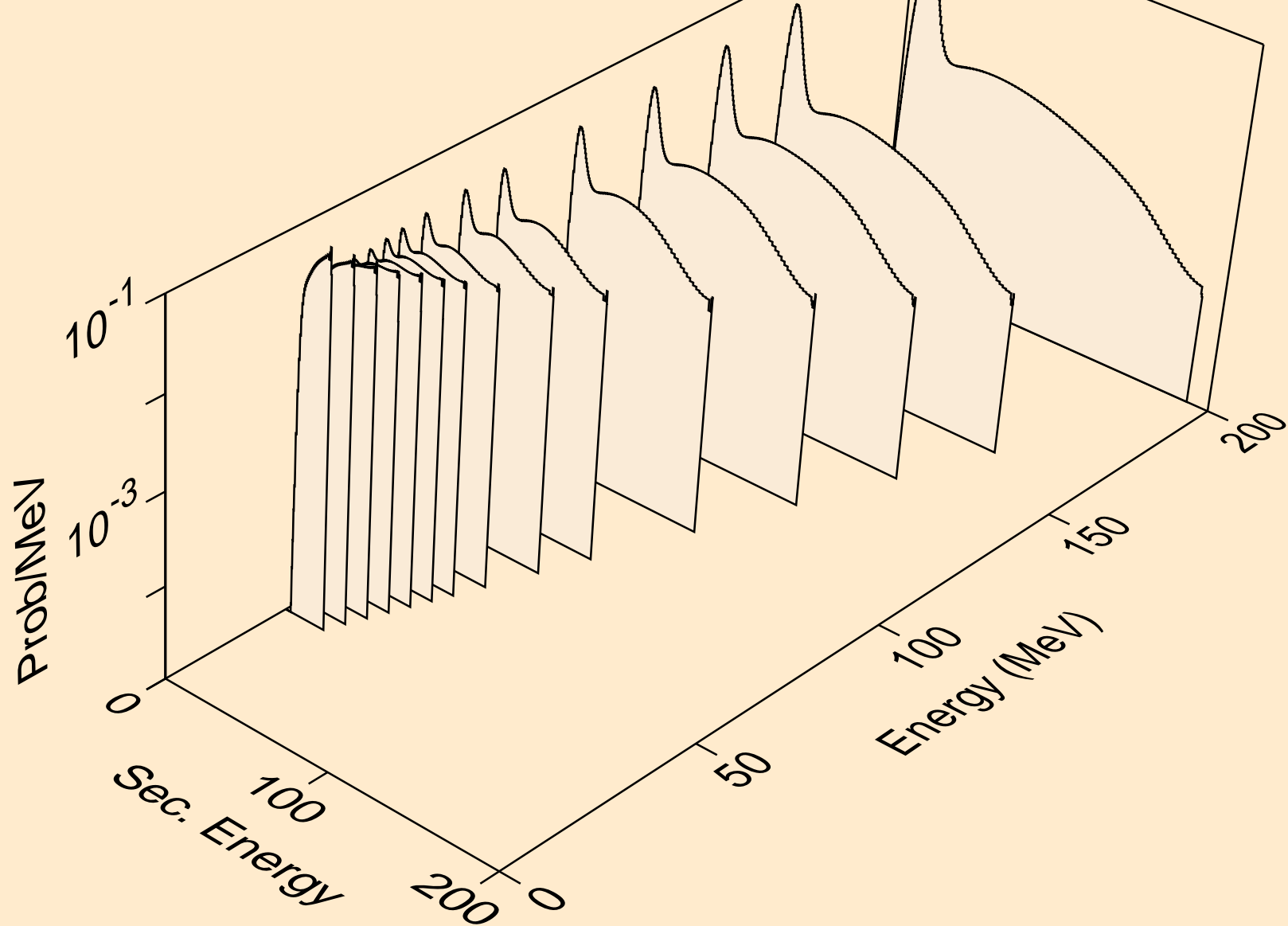
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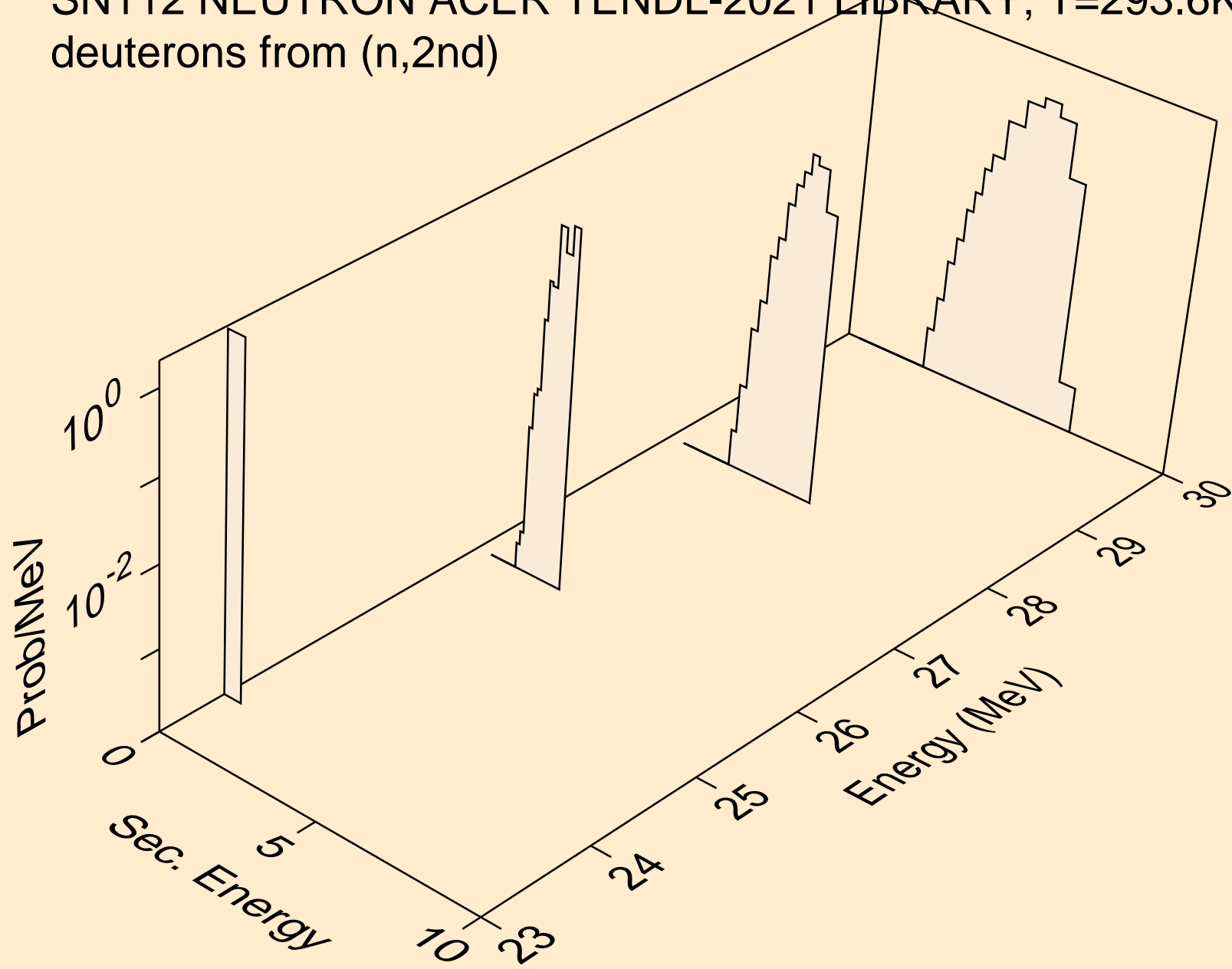
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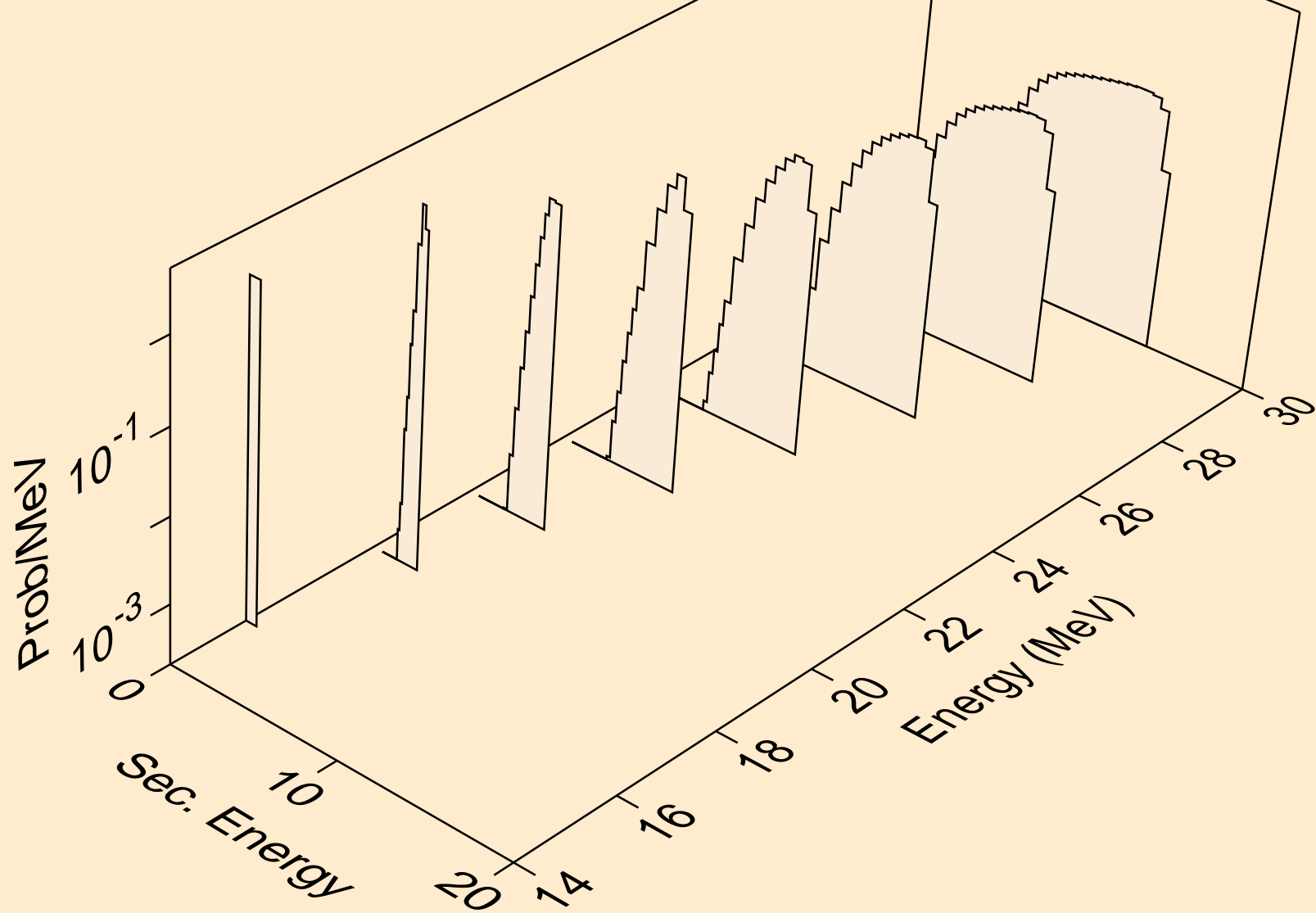
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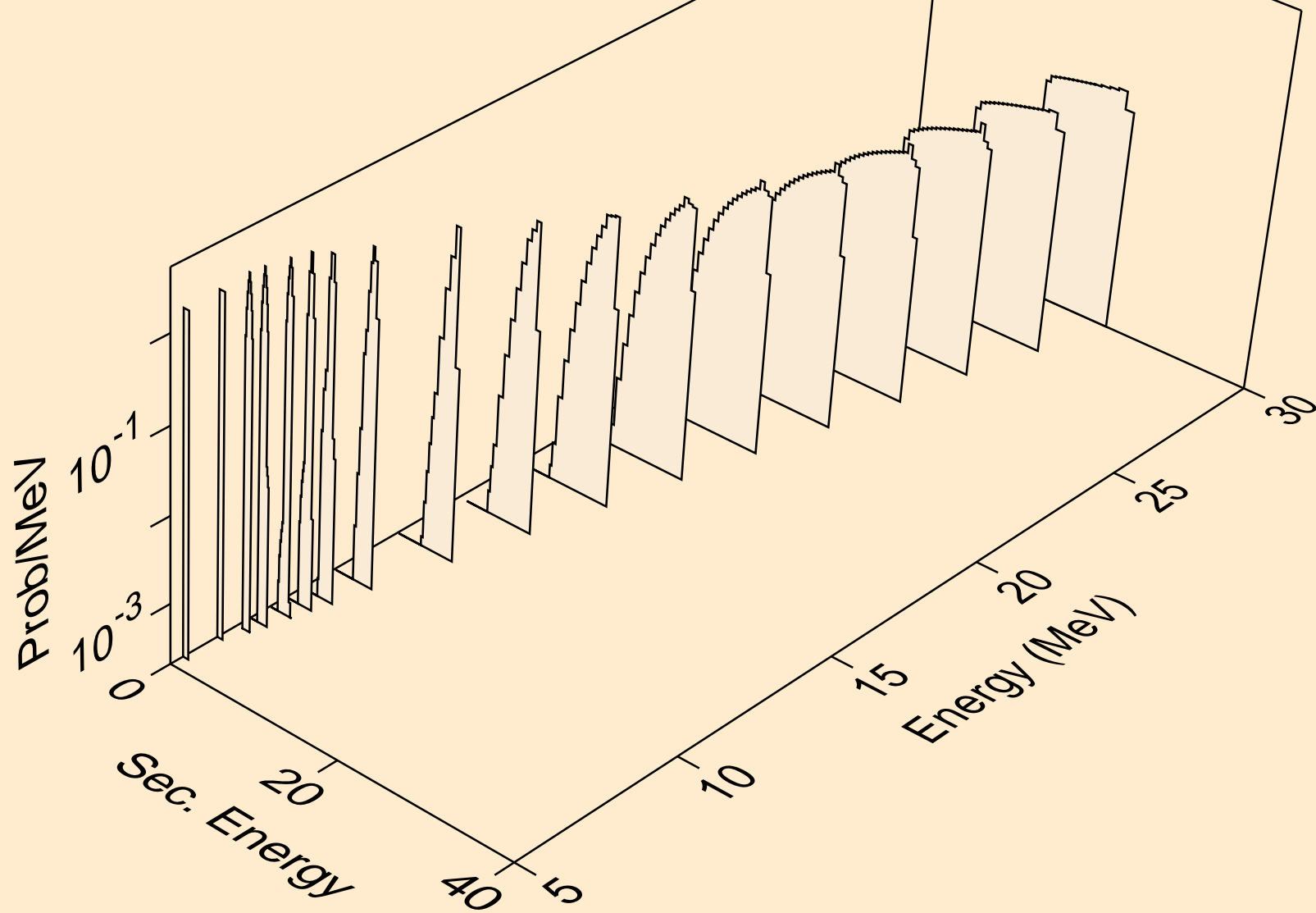
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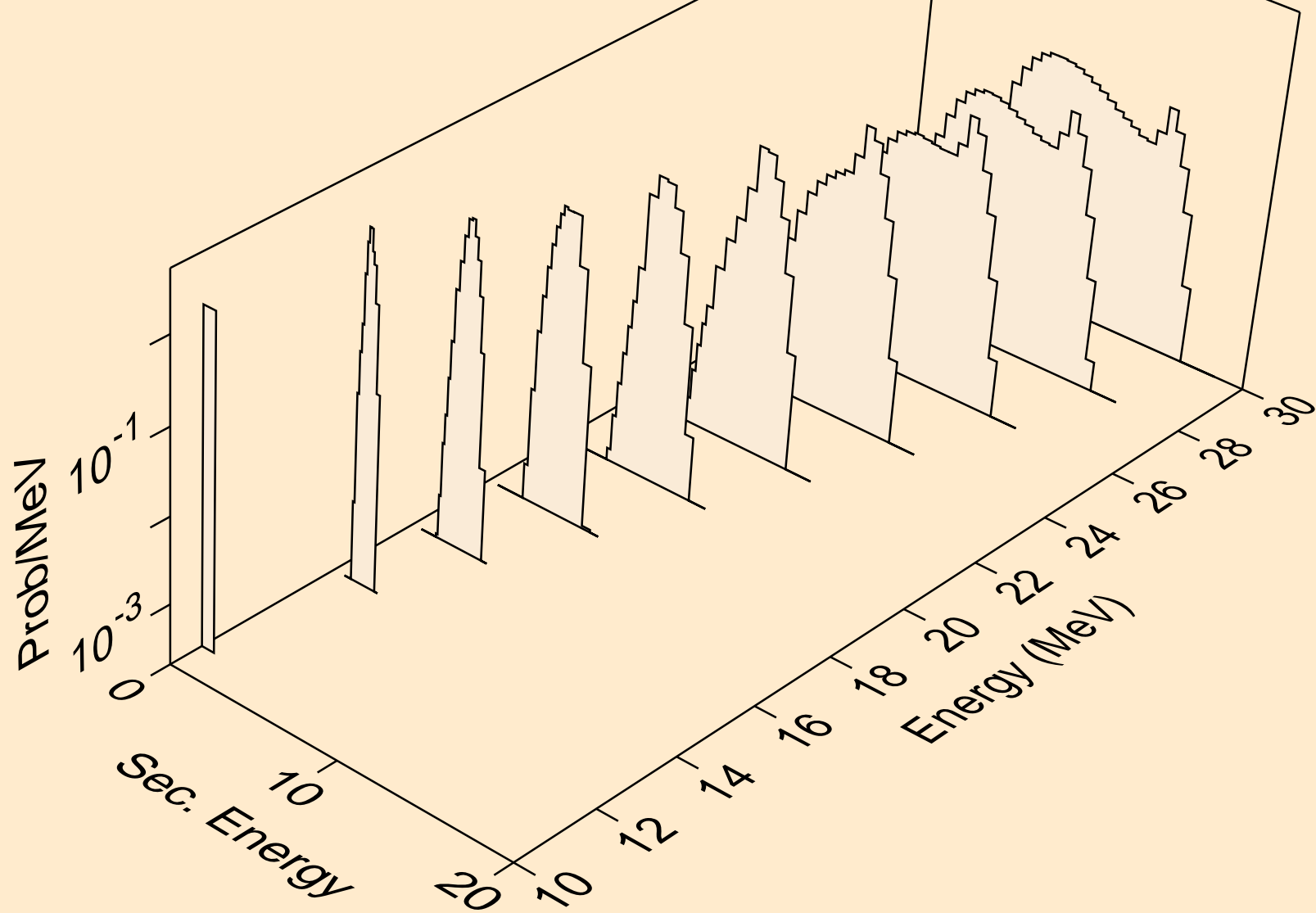
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deuterons from (n,n\*)d



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

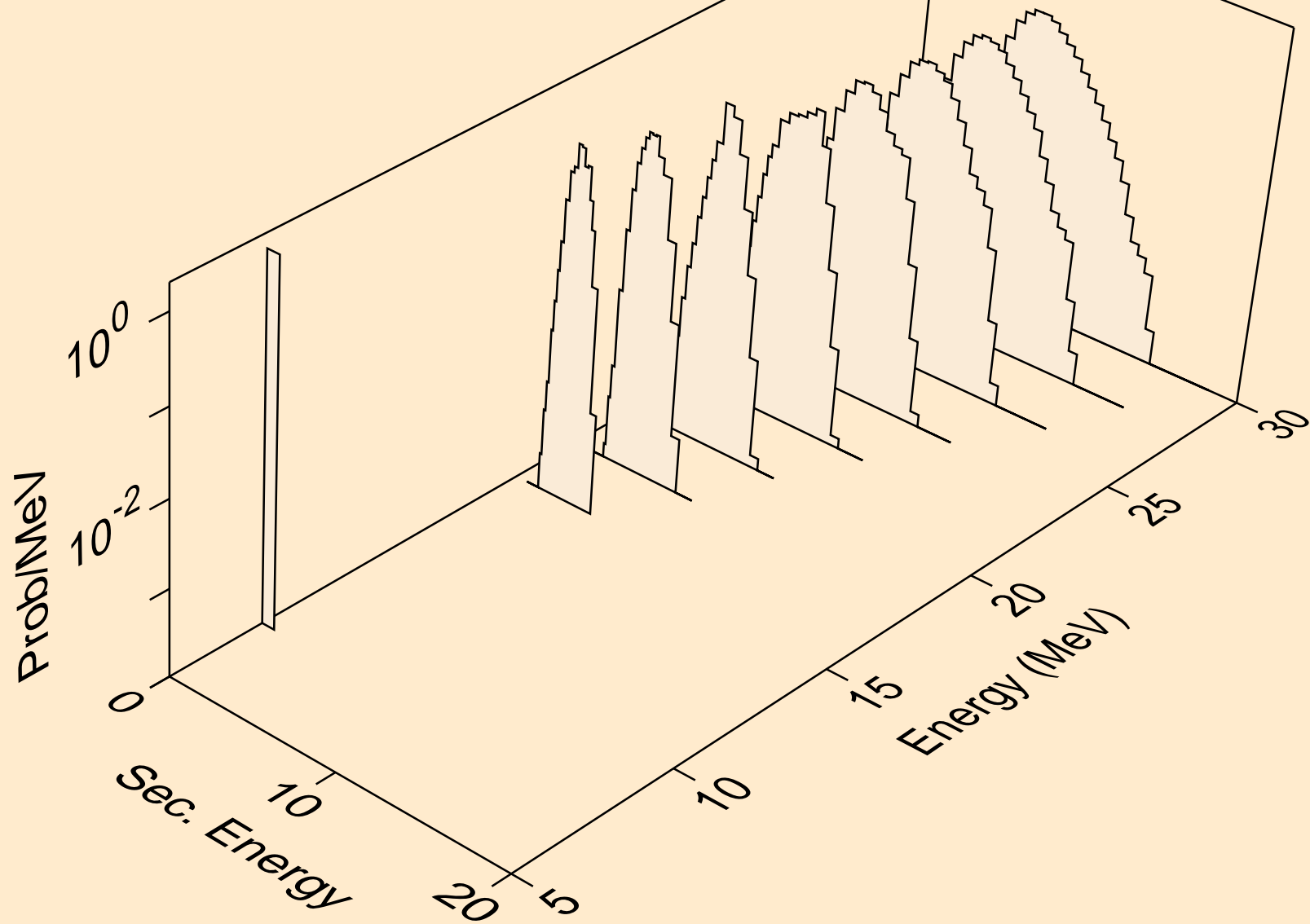


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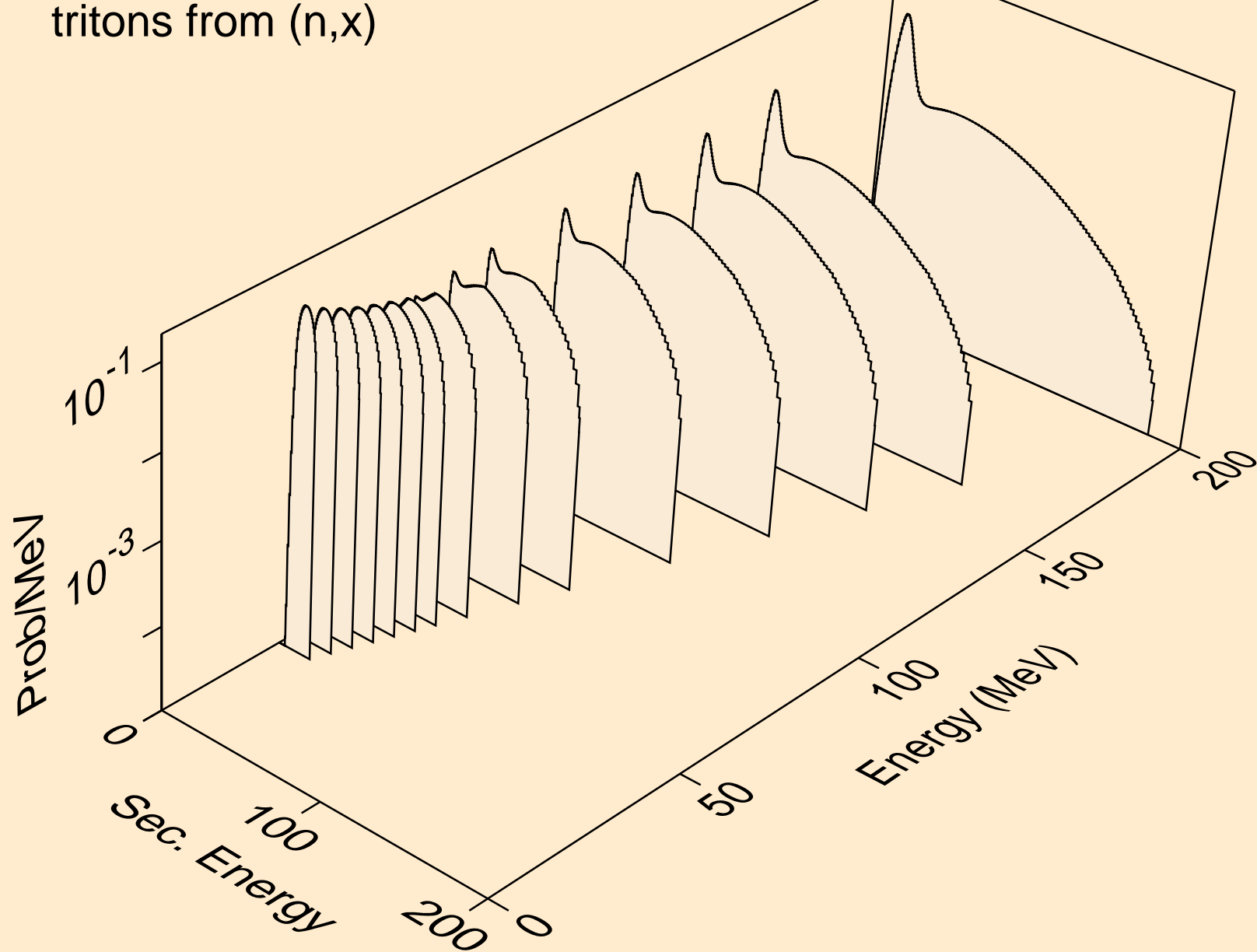




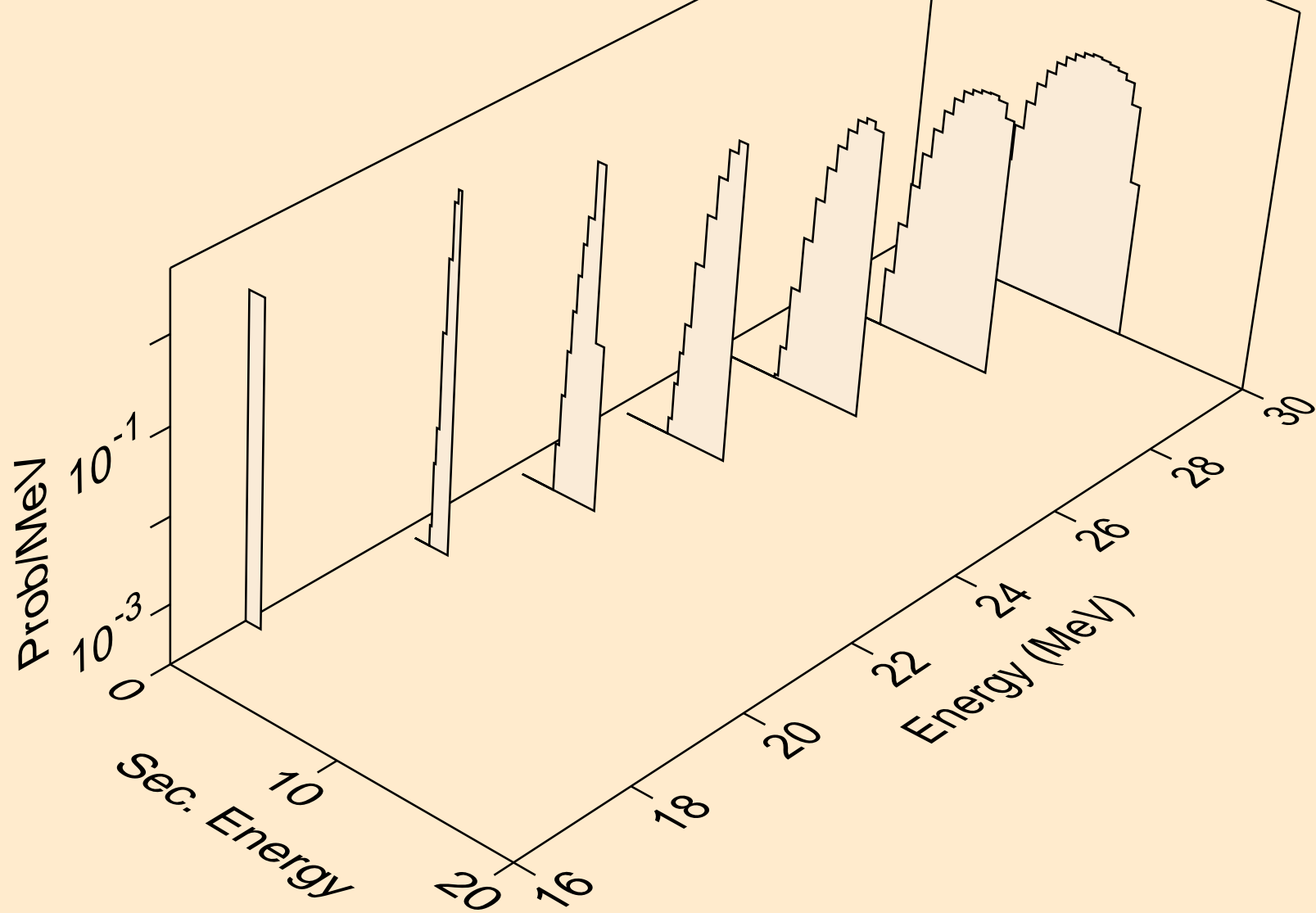
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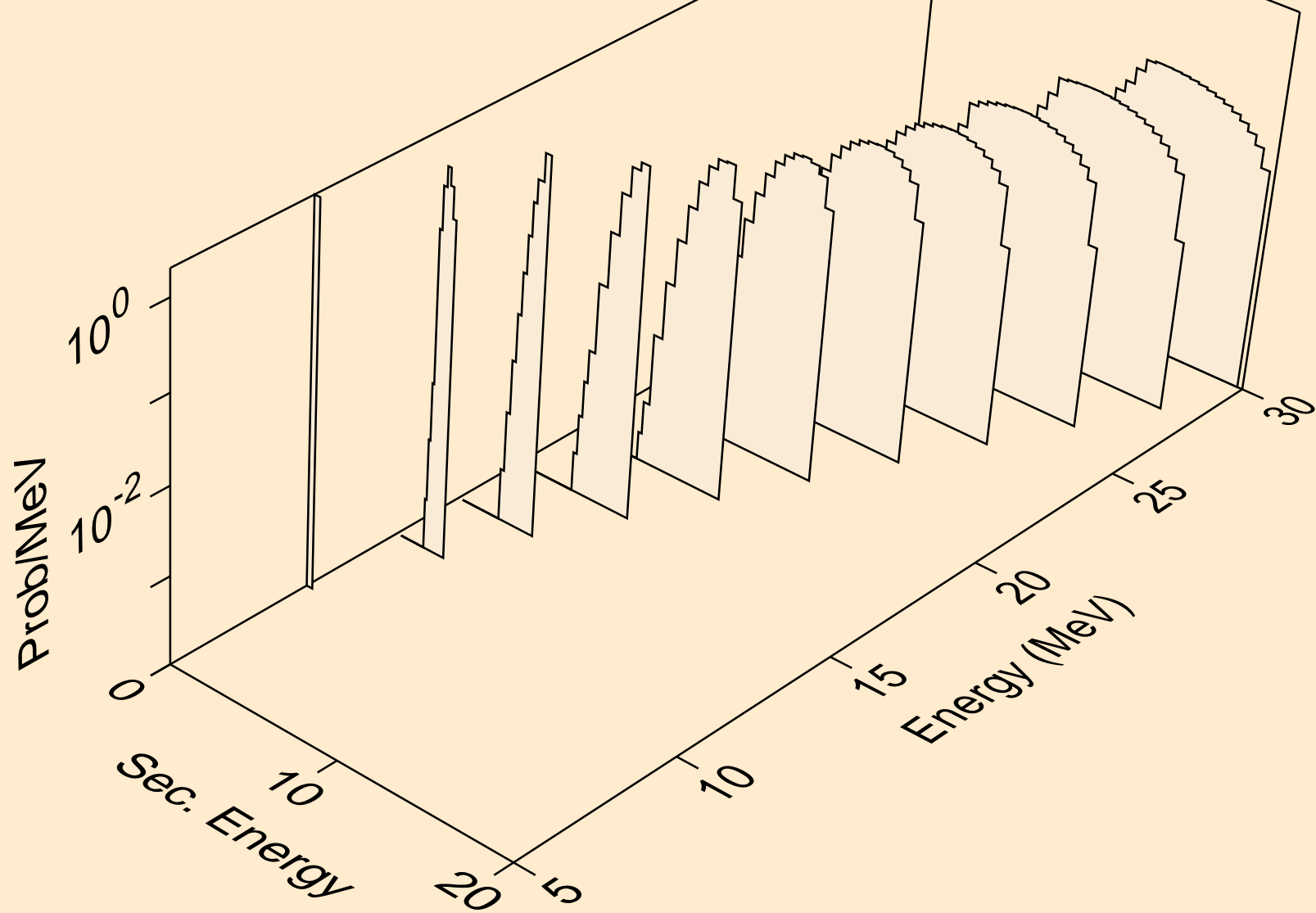
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tritons from (n,x)



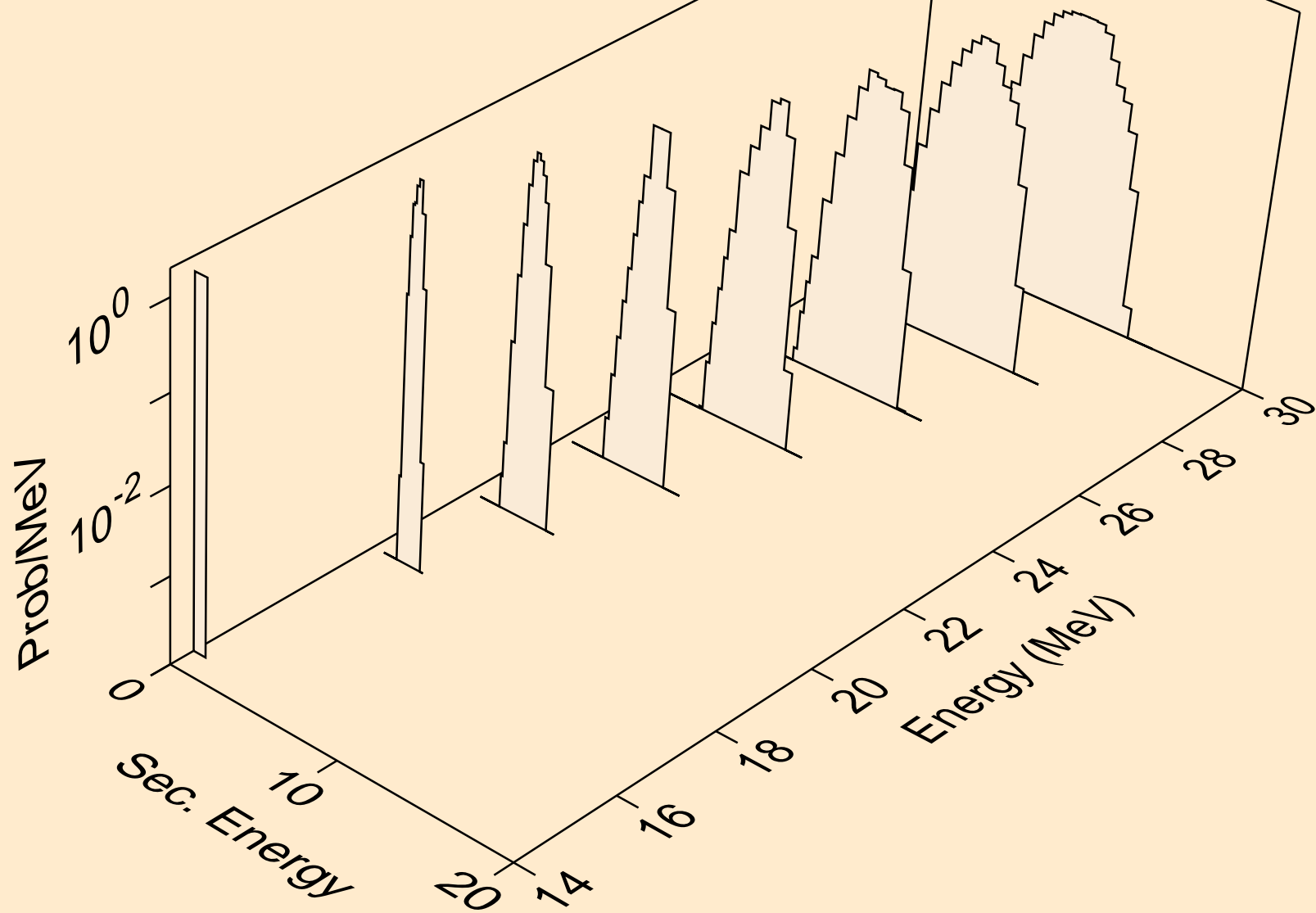
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tritons from (n,n\*)t



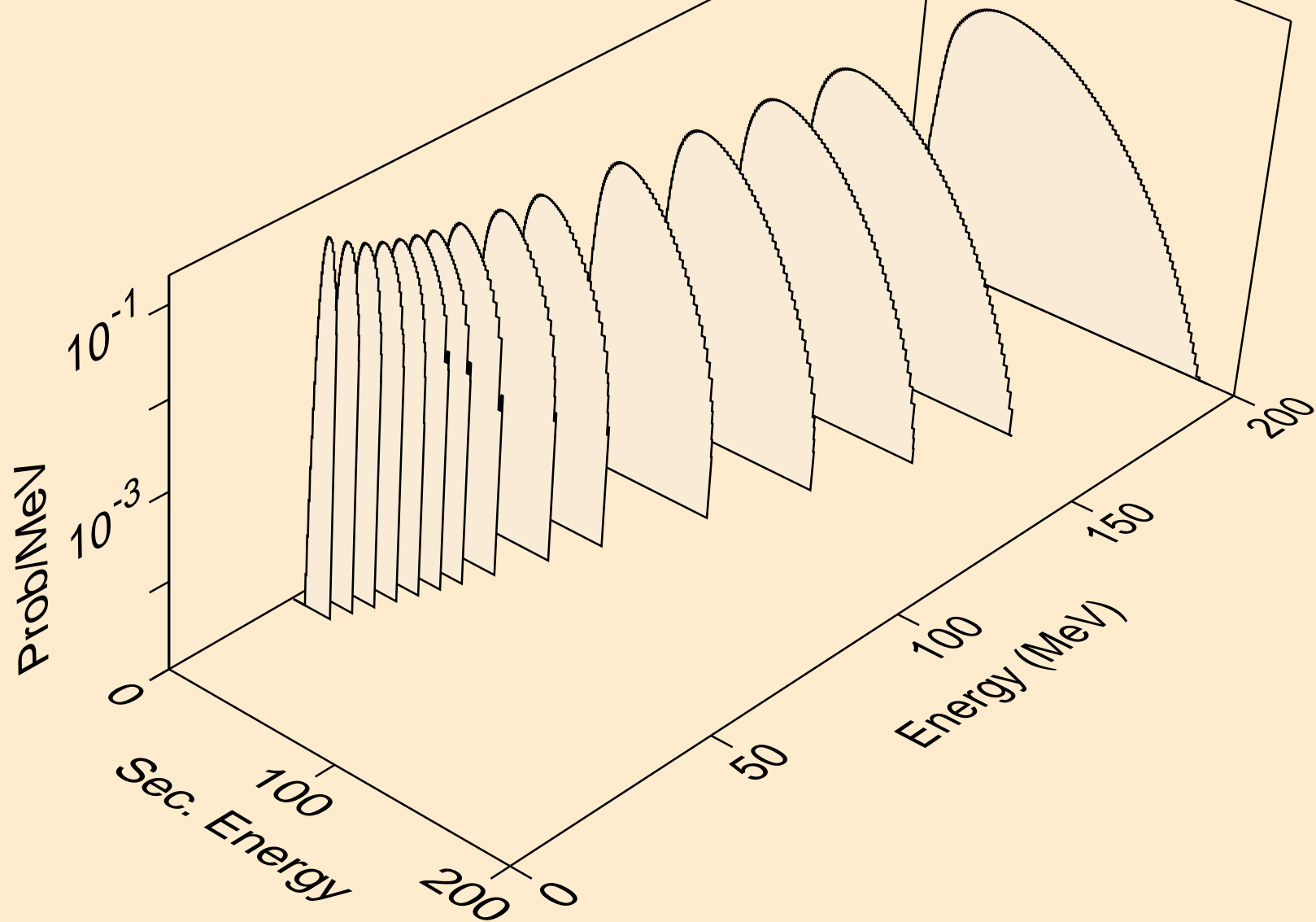
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



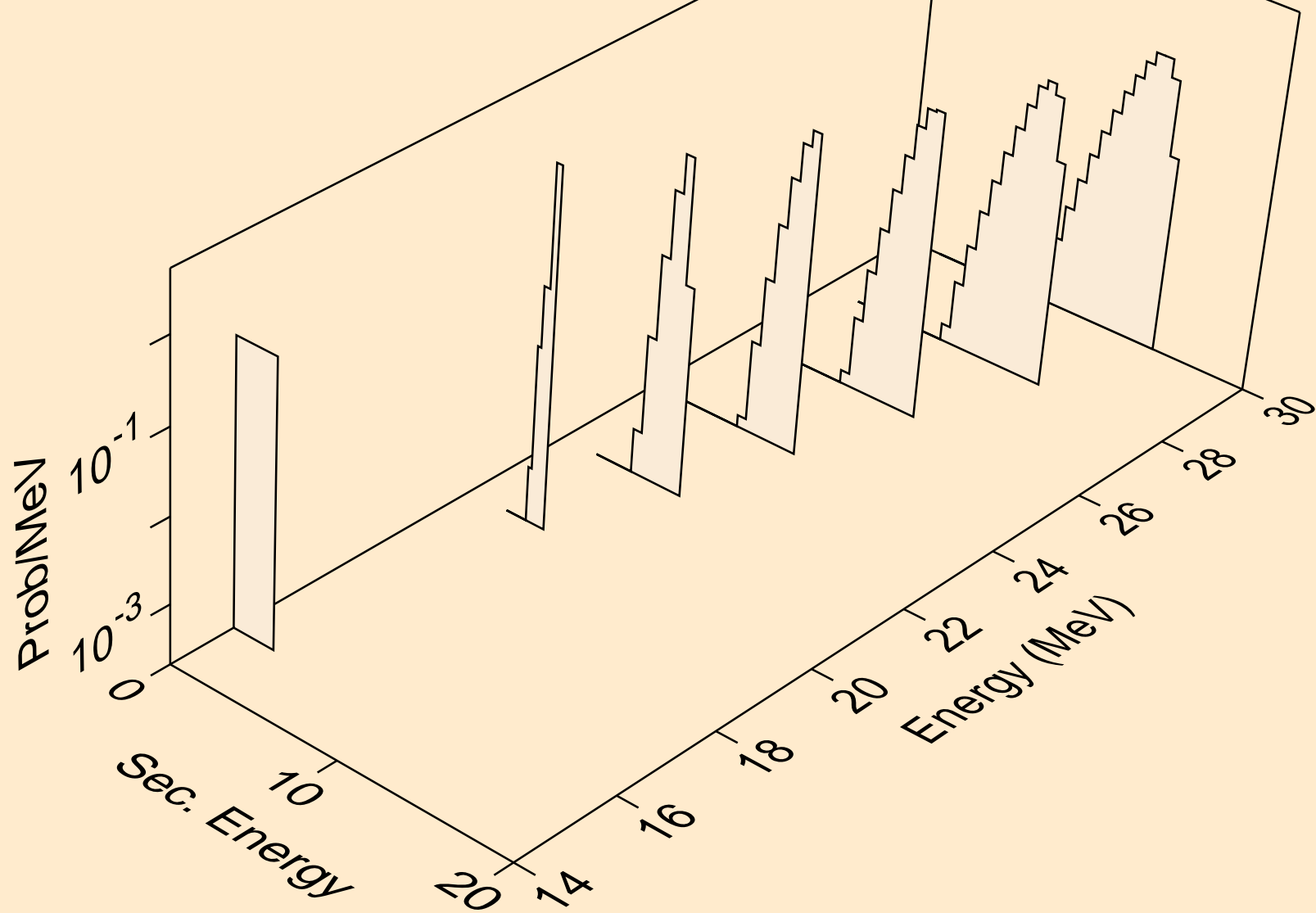
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



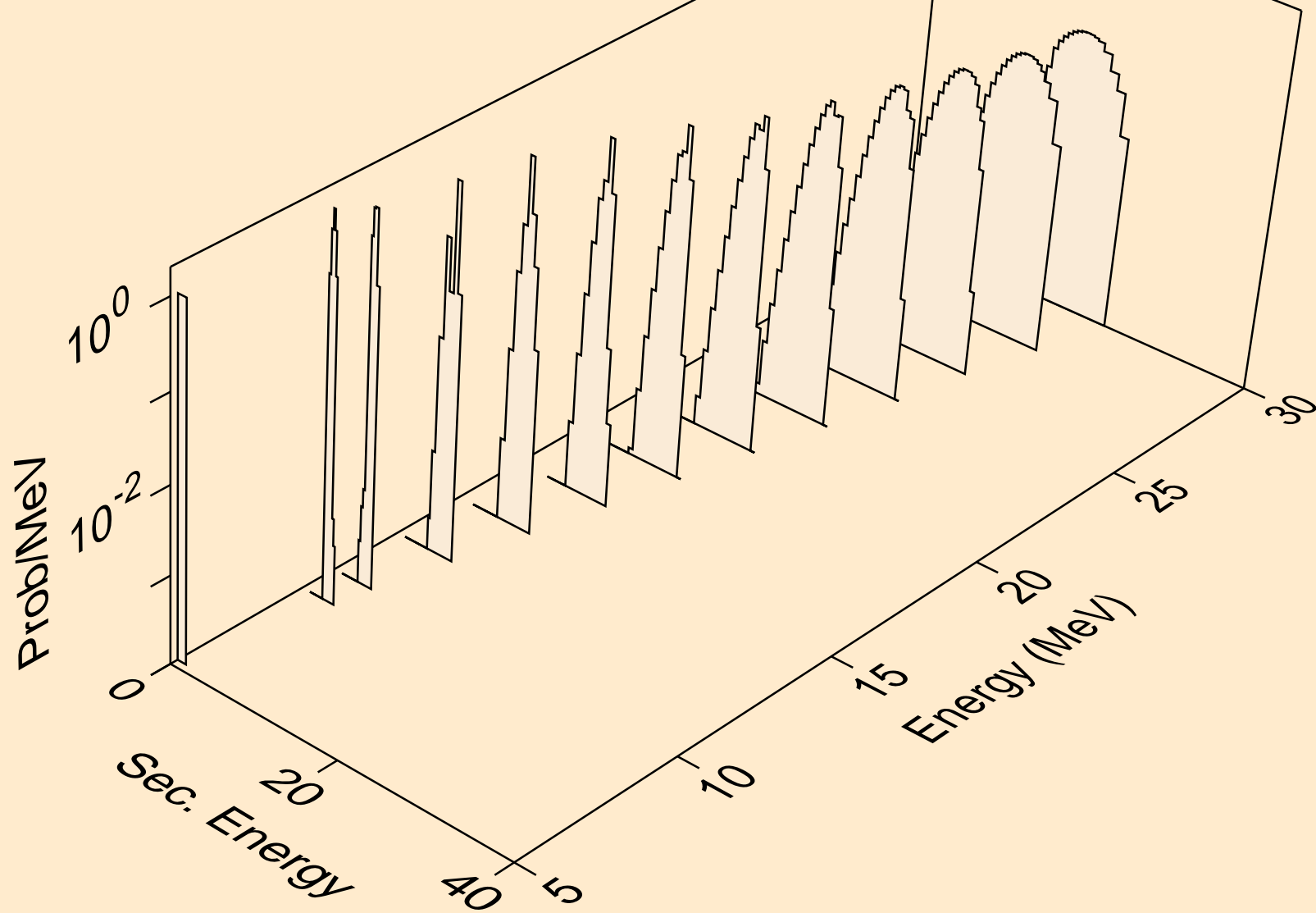
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

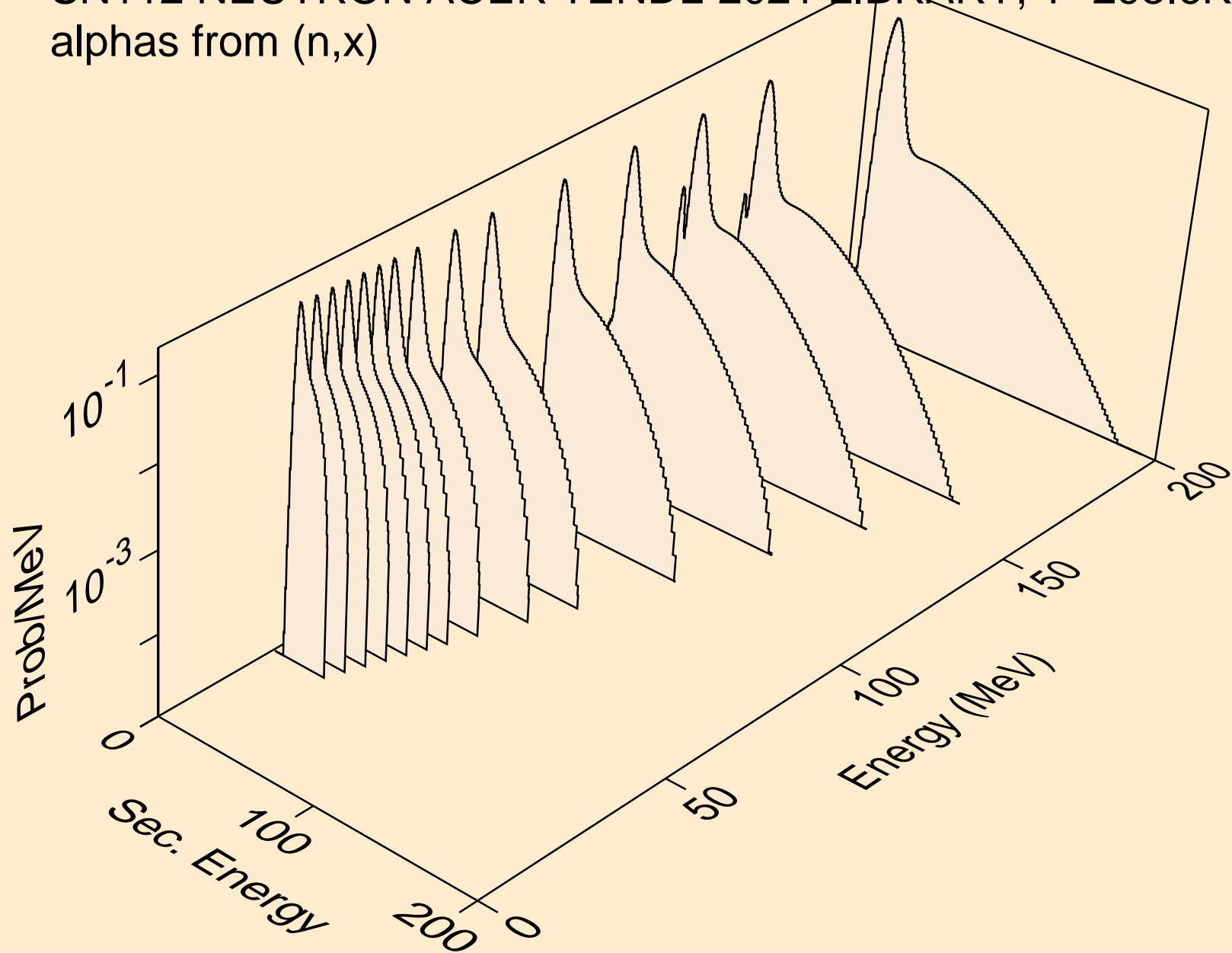


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

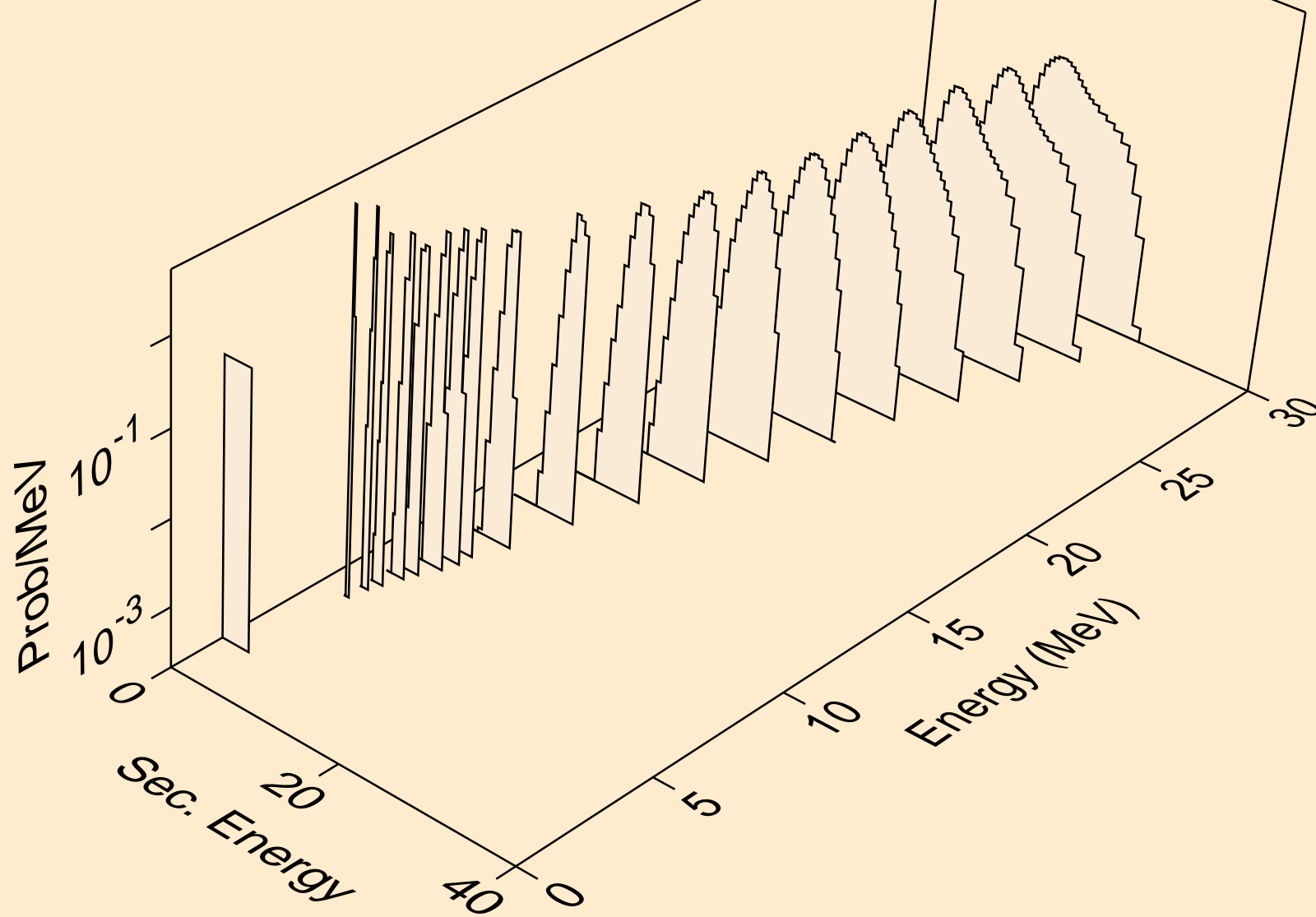




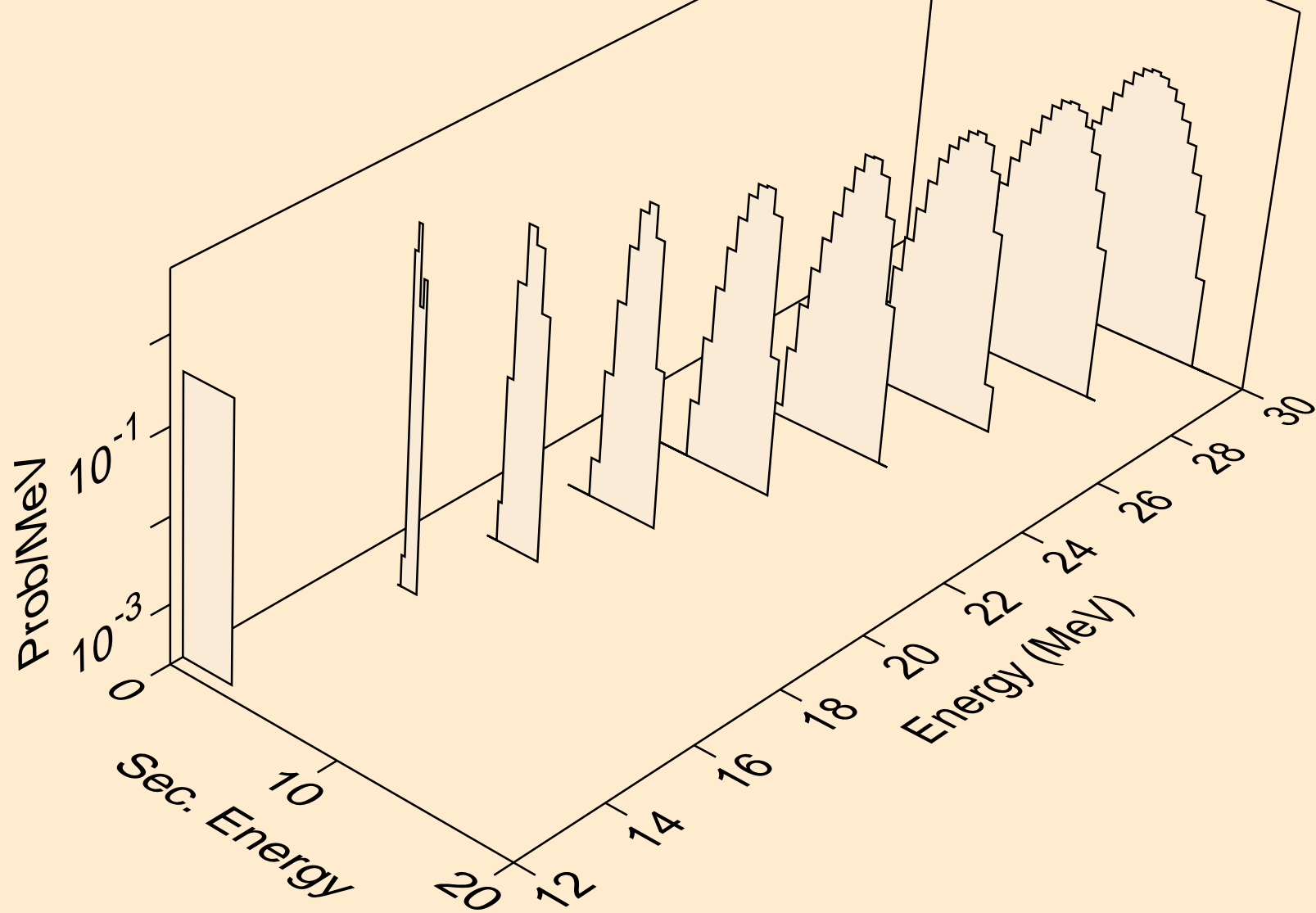
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



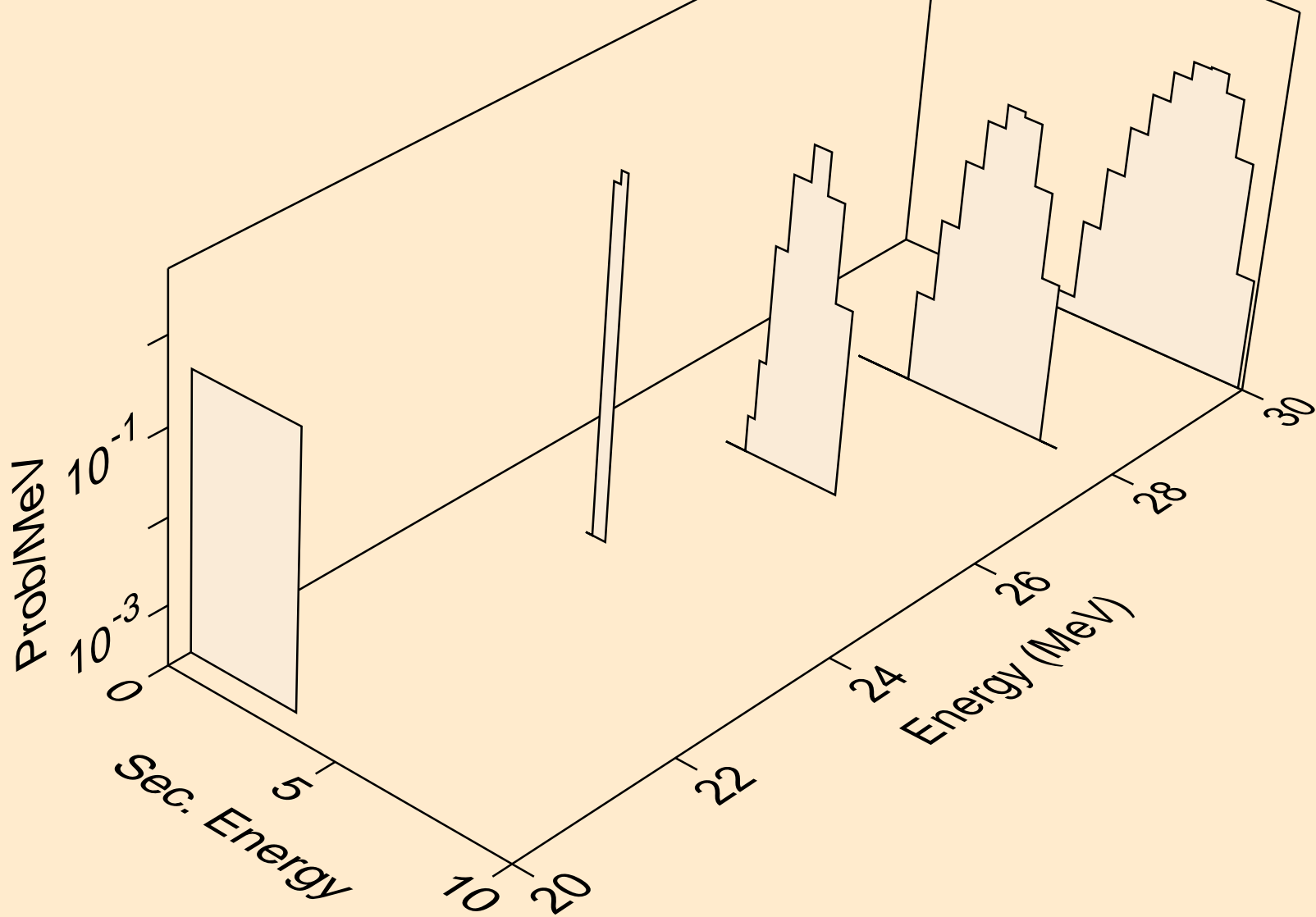
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



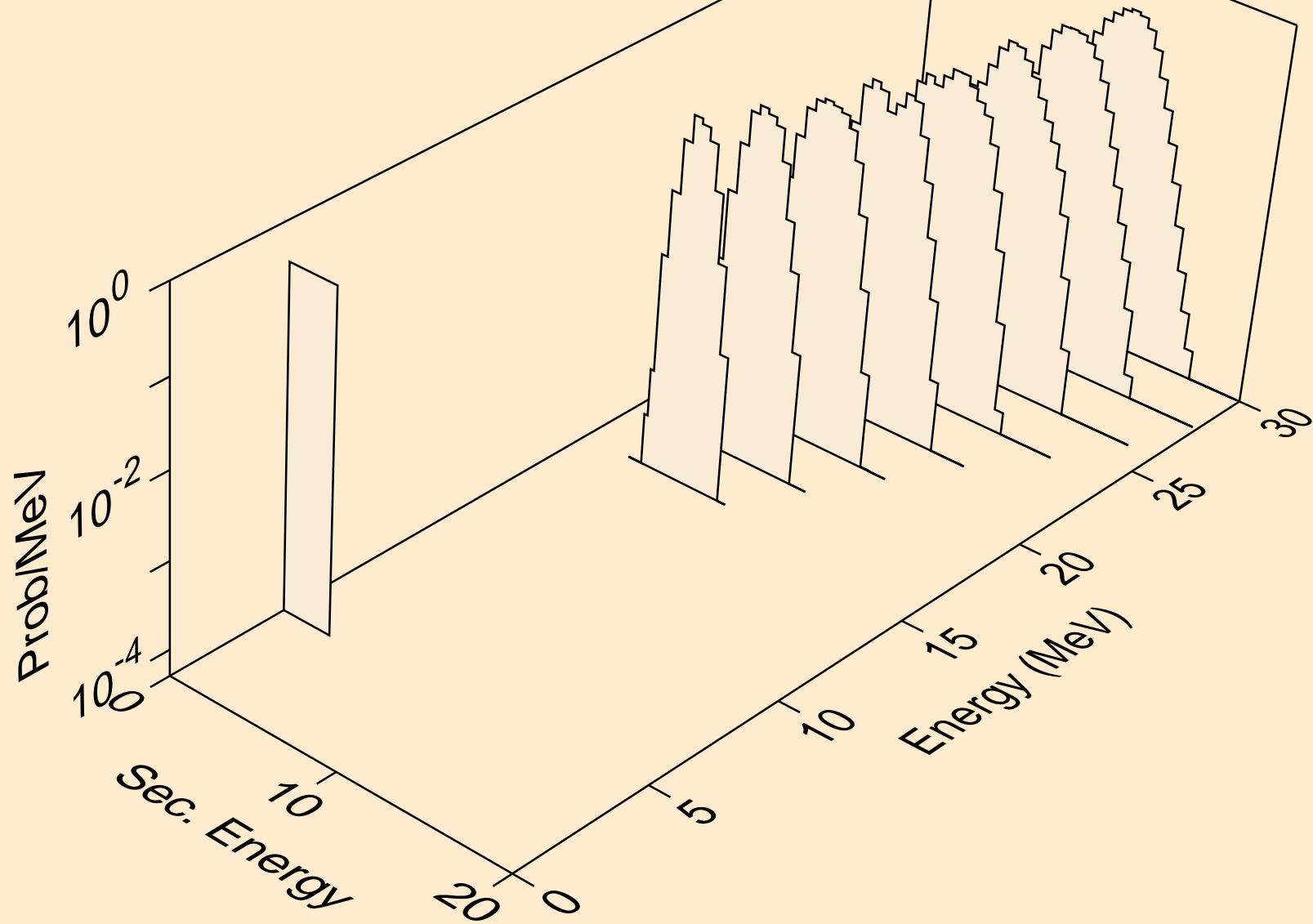
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



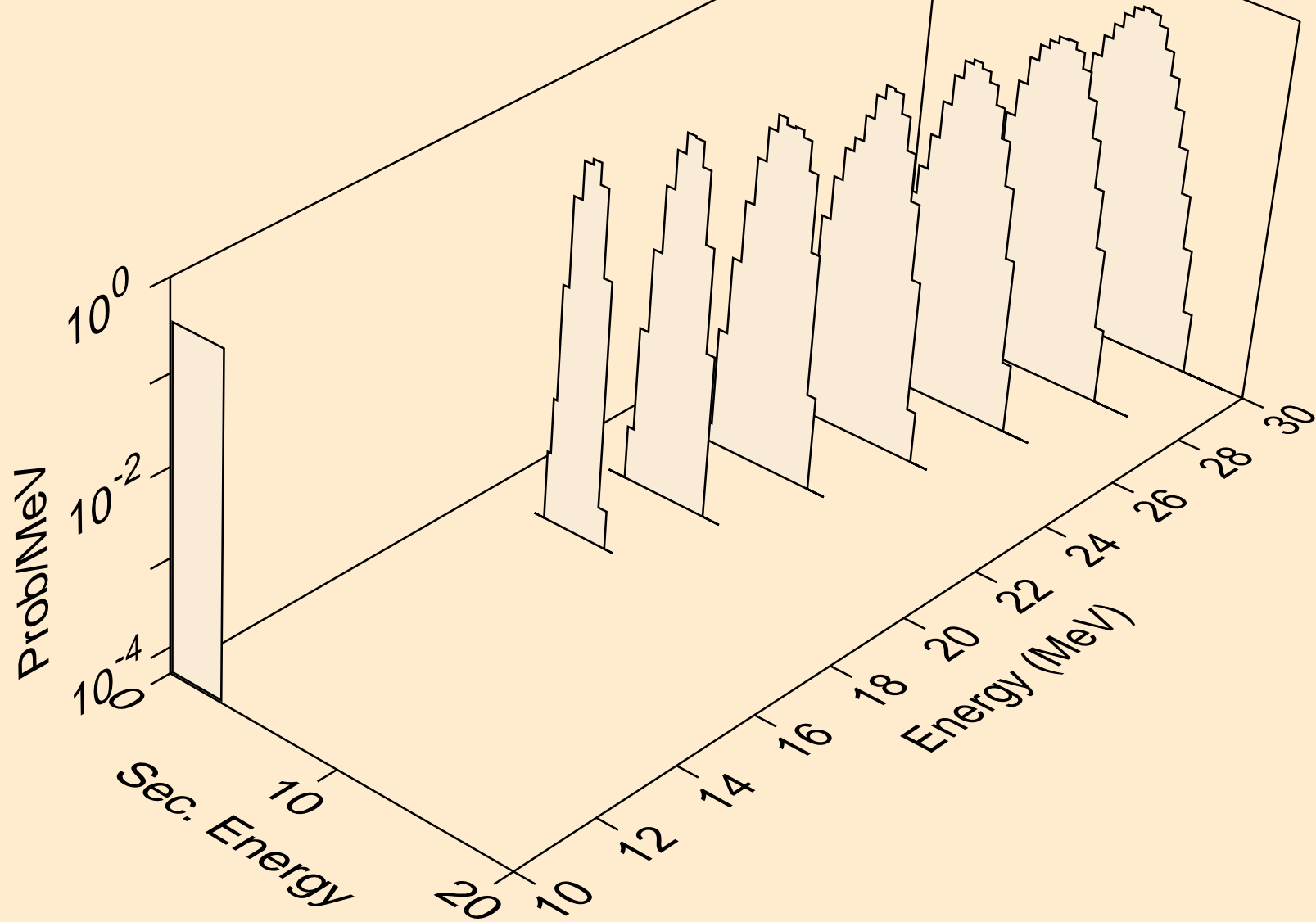
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



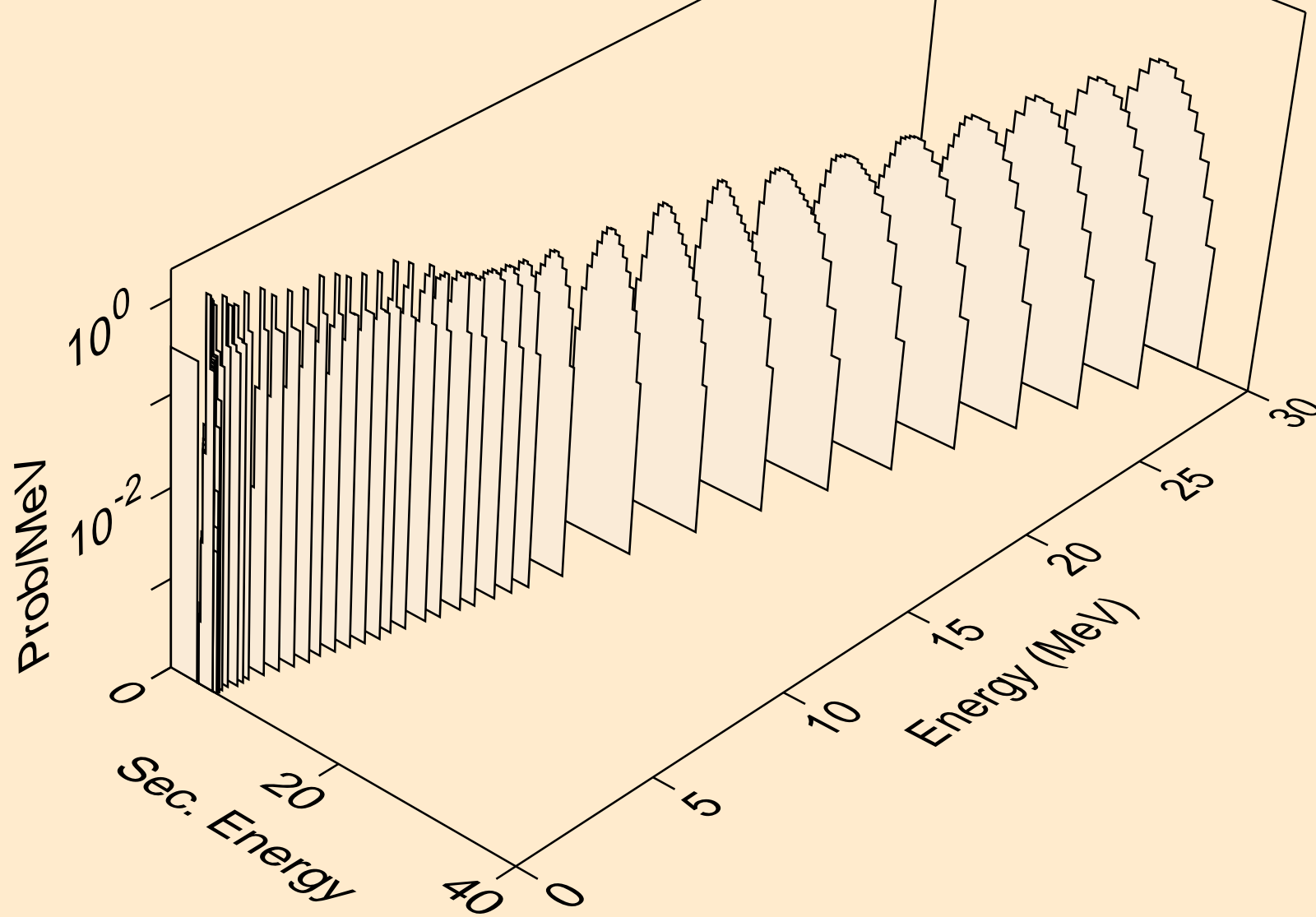
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



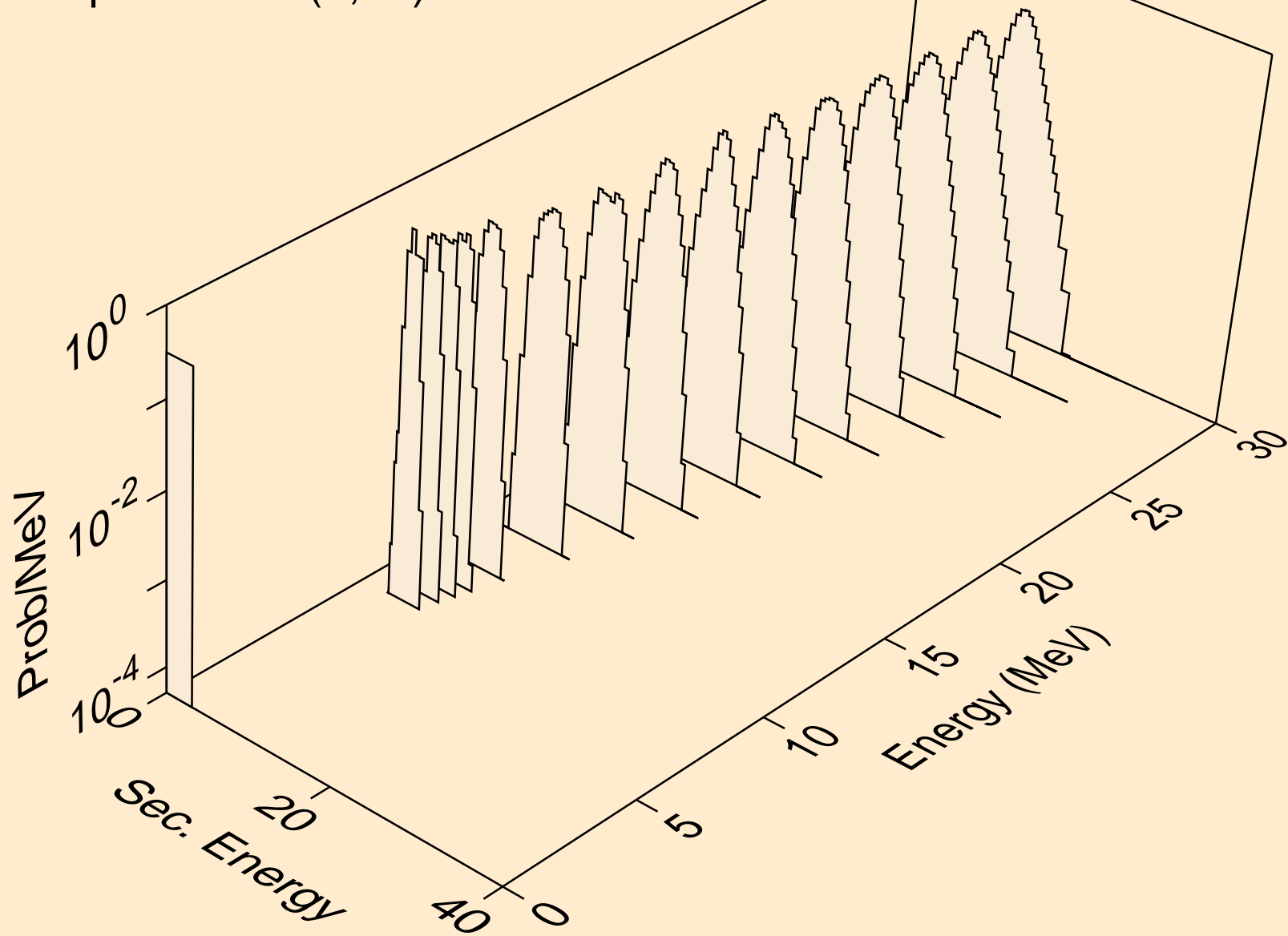
SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

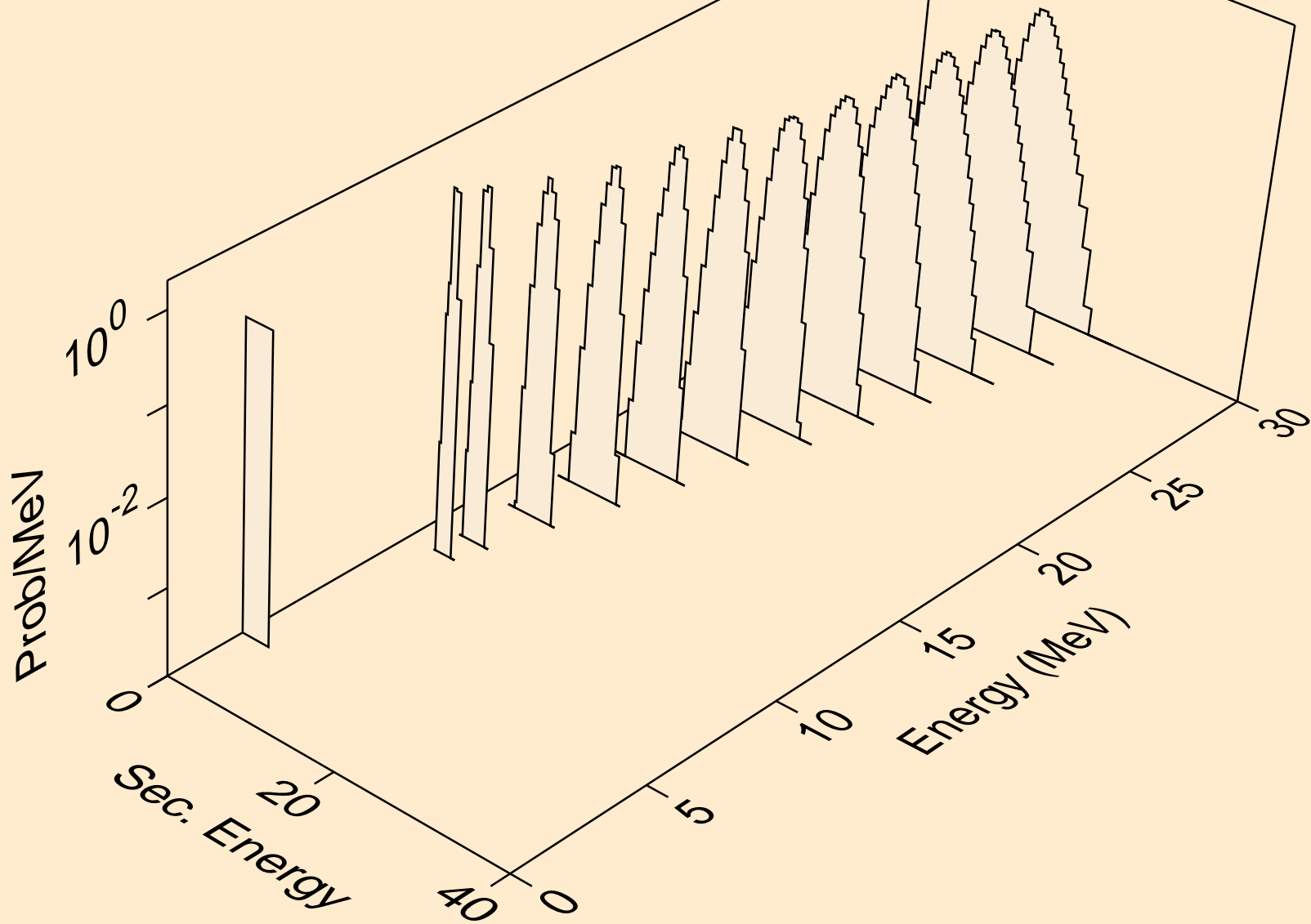


SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SN112 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

