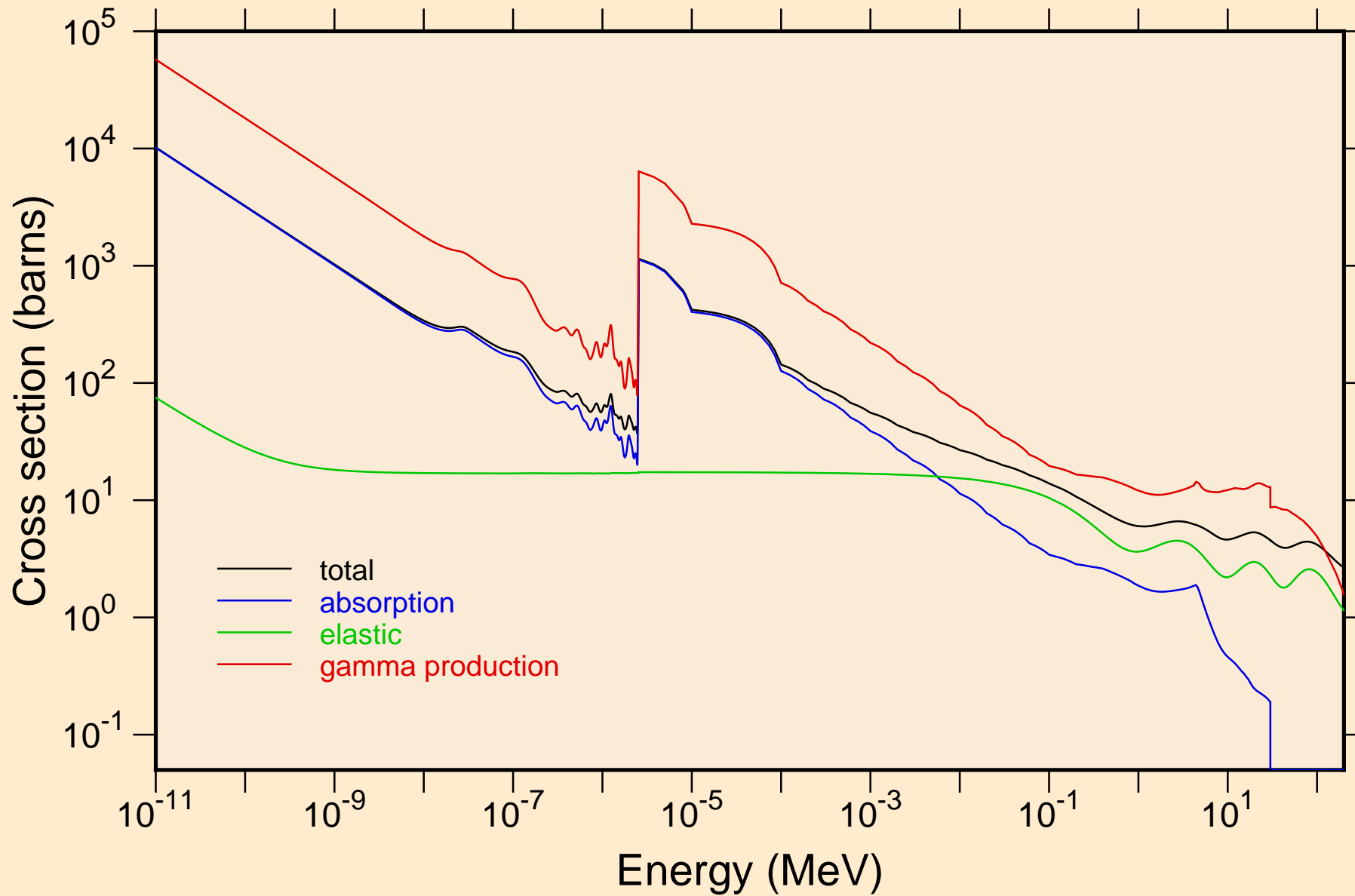
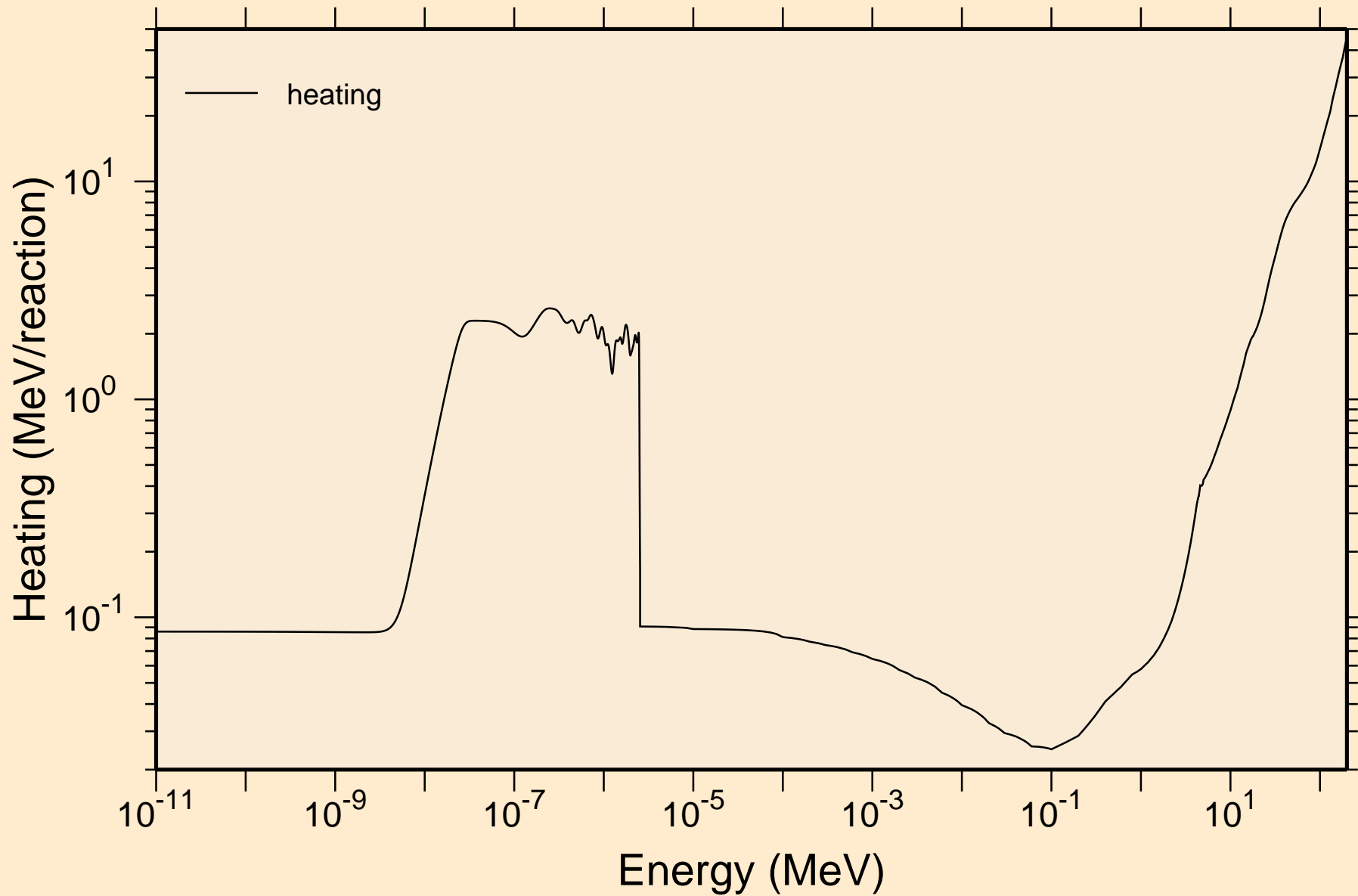


# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

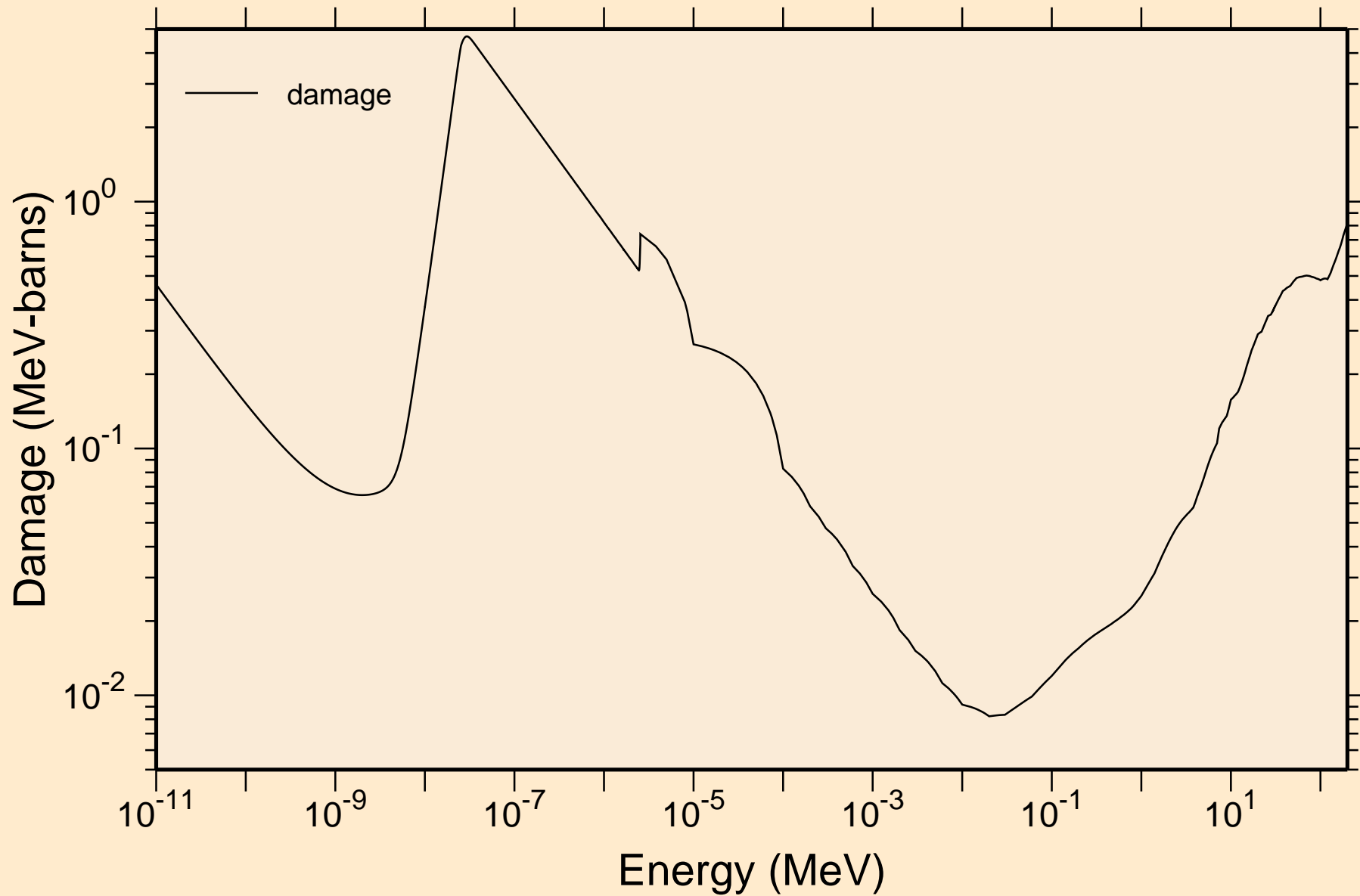
## Principal cross sections



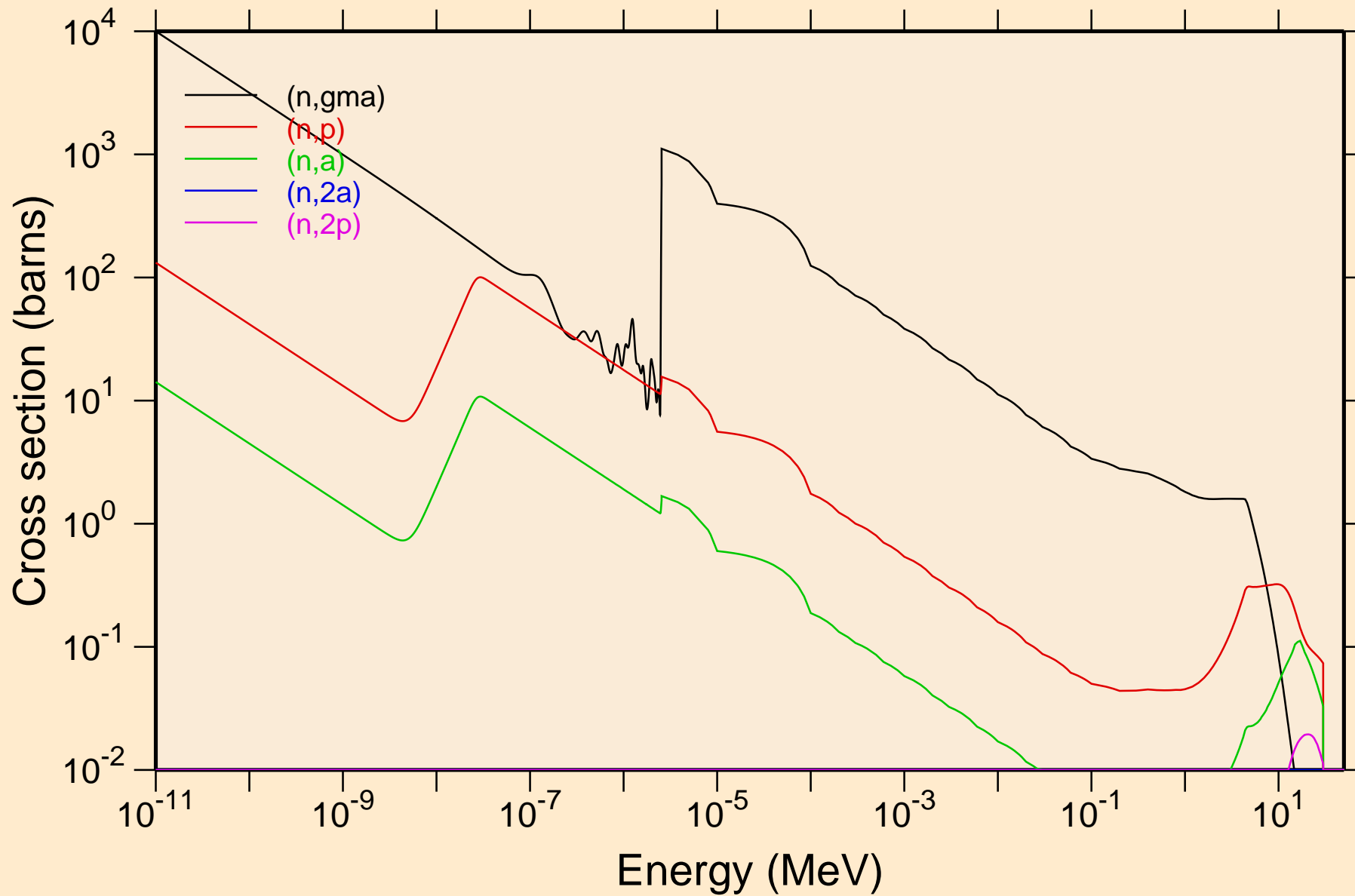
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



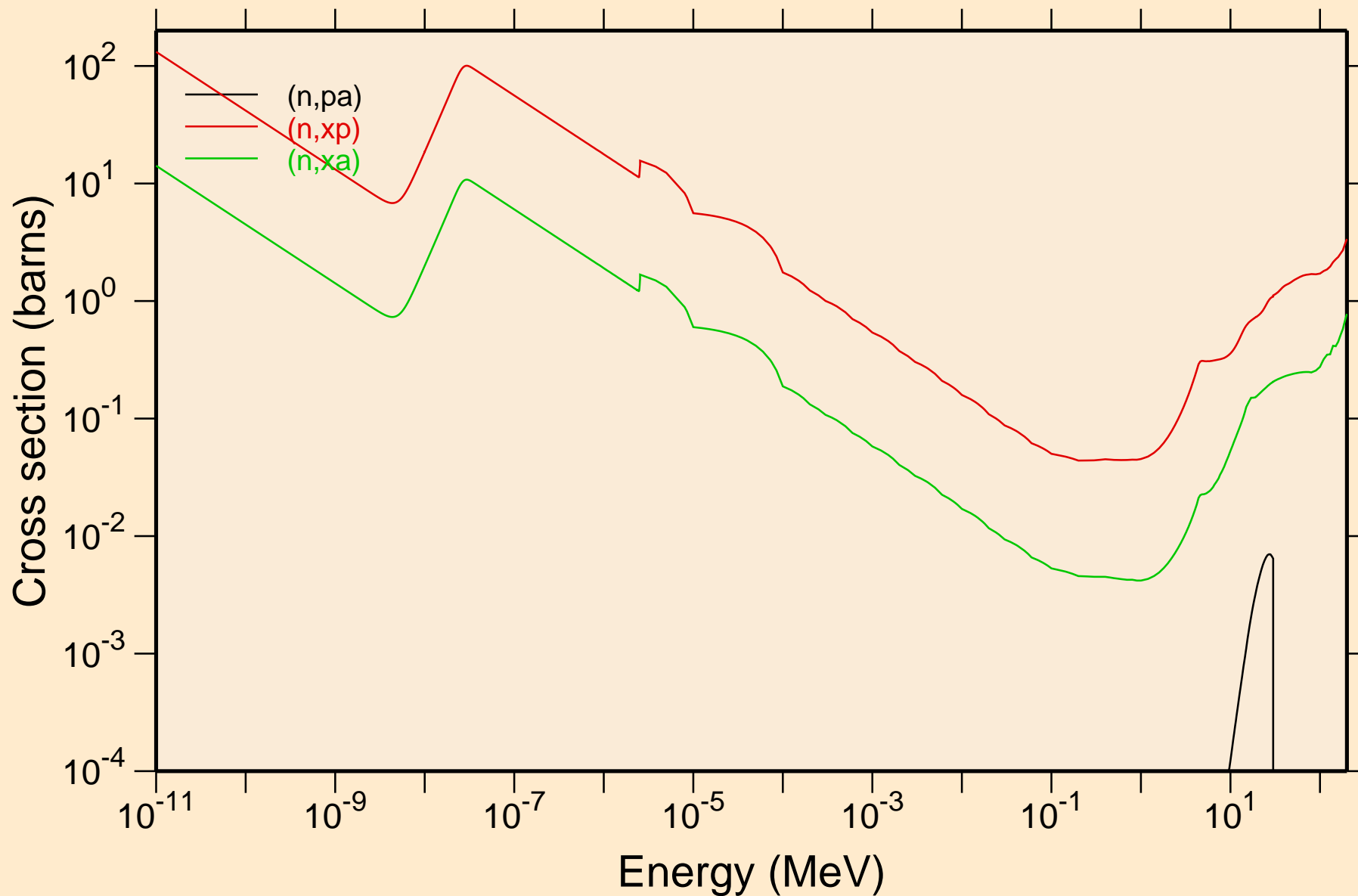
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

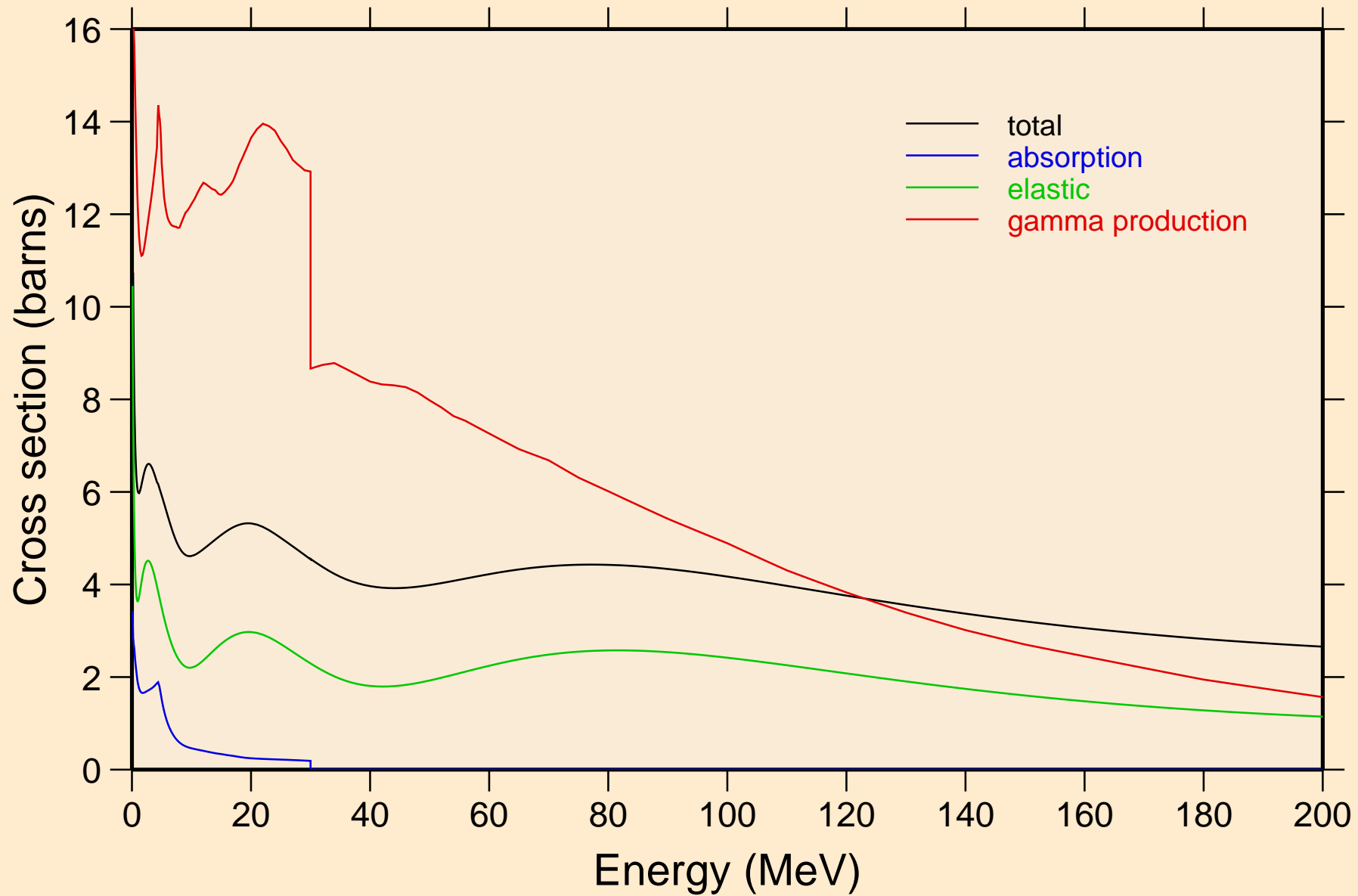


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



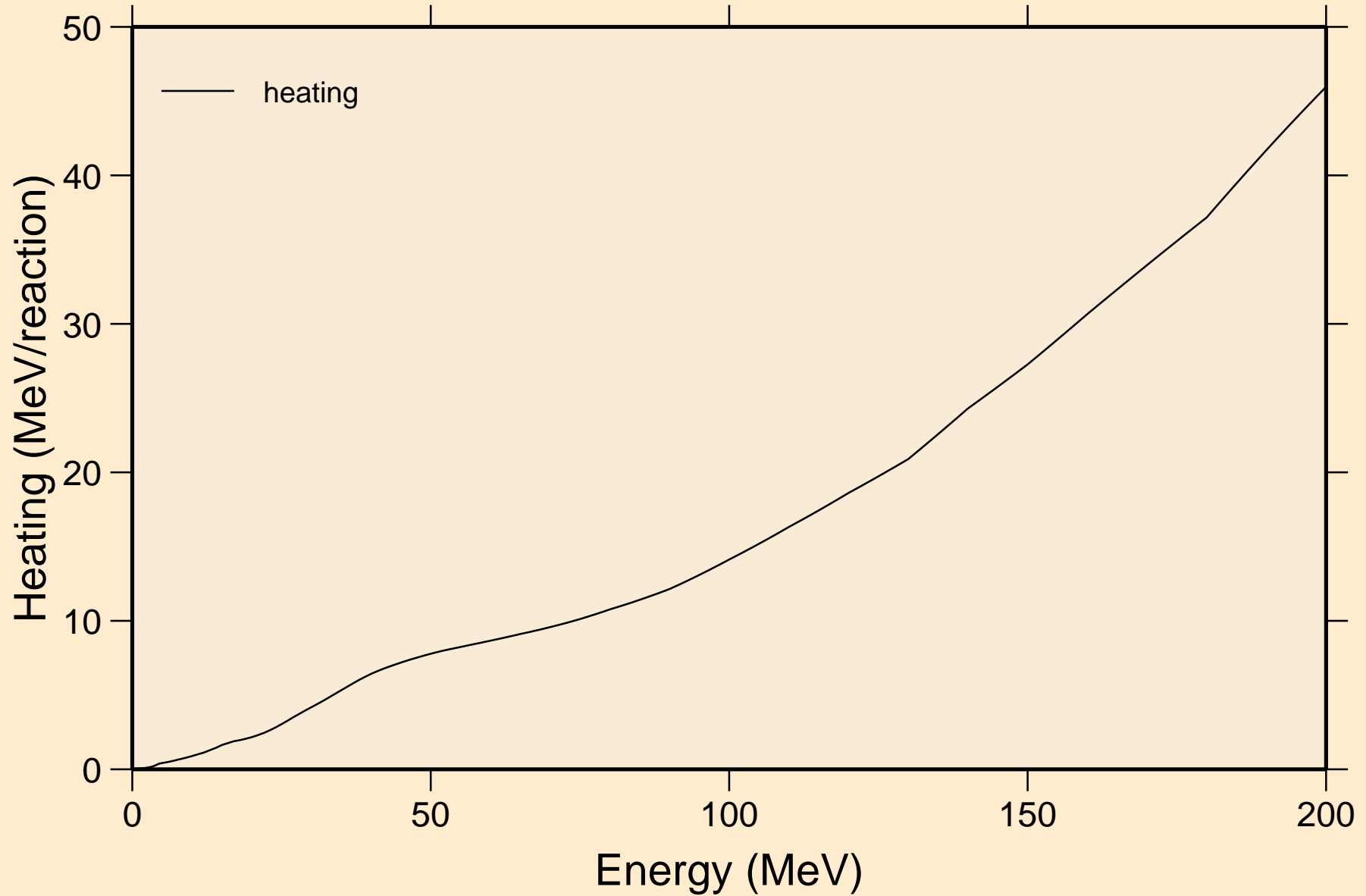
# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

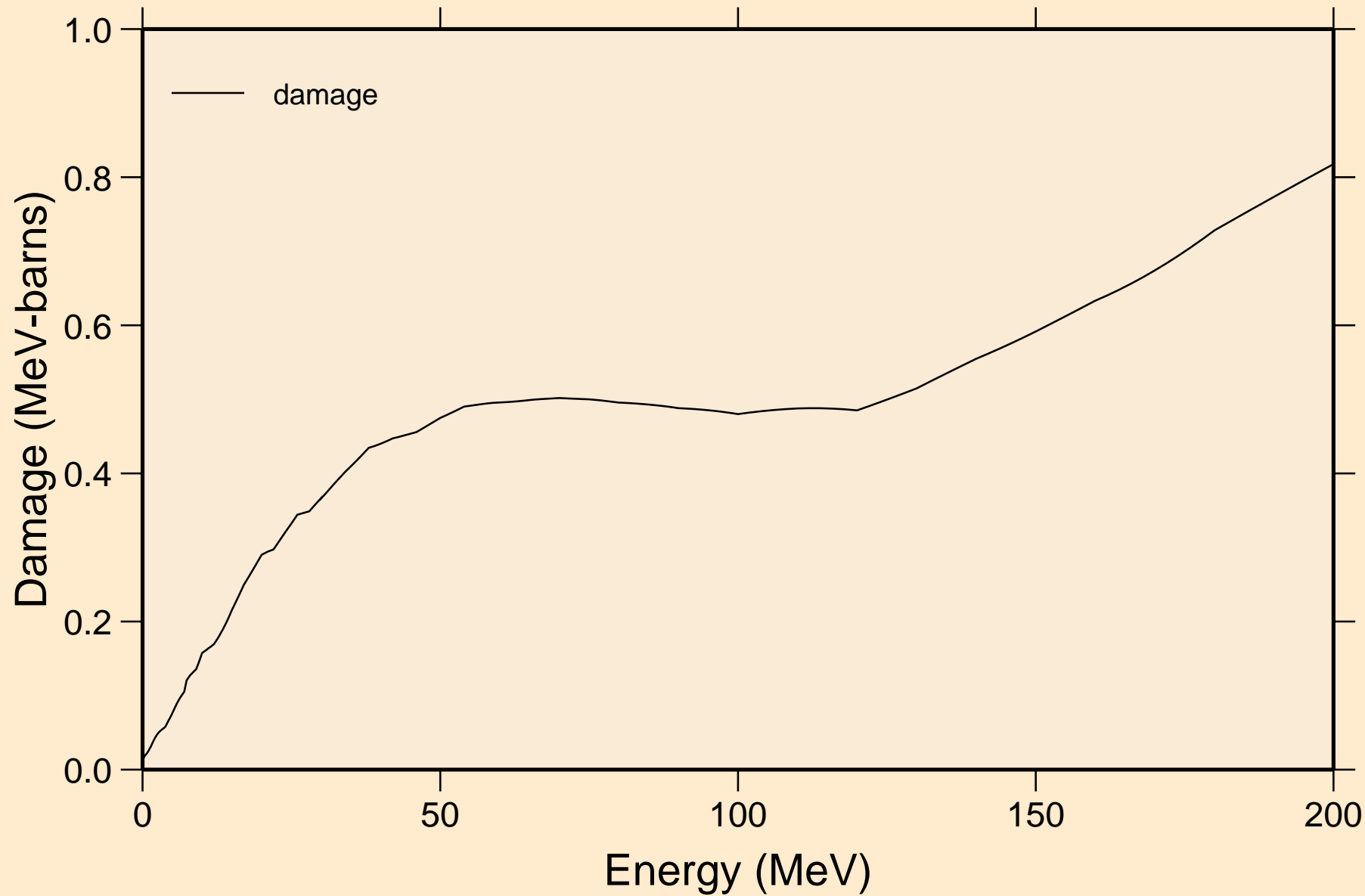


# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

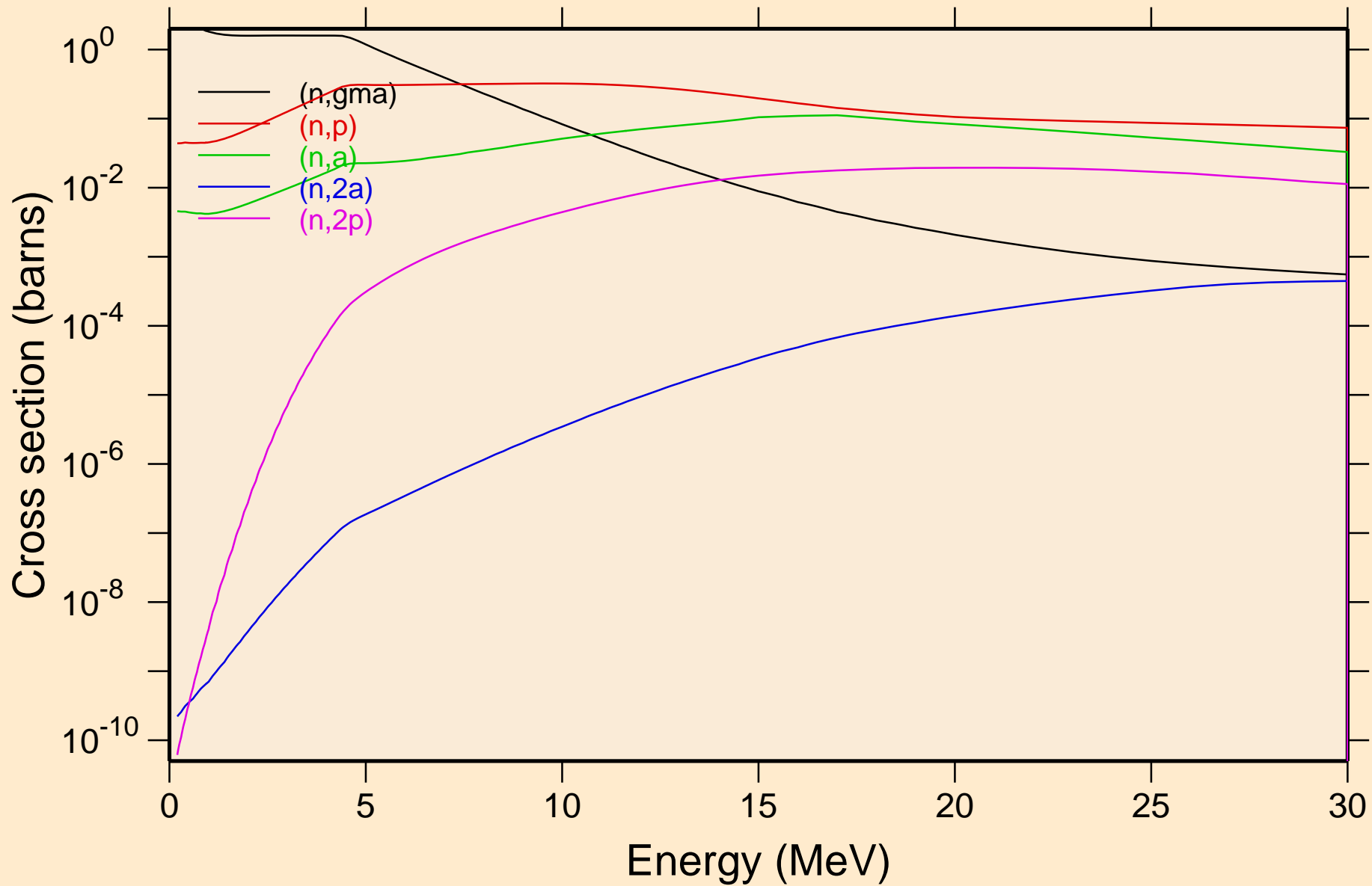


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

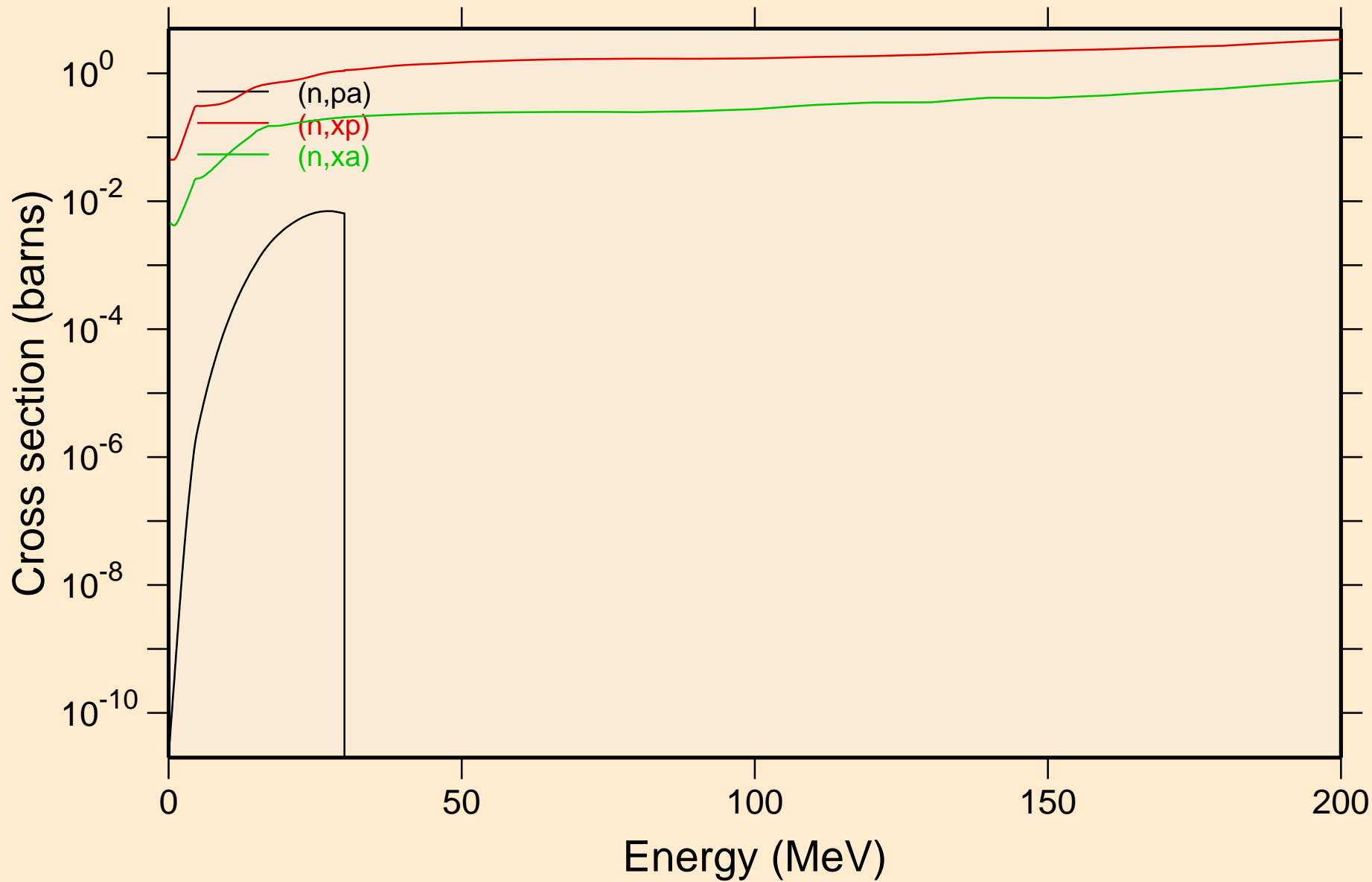




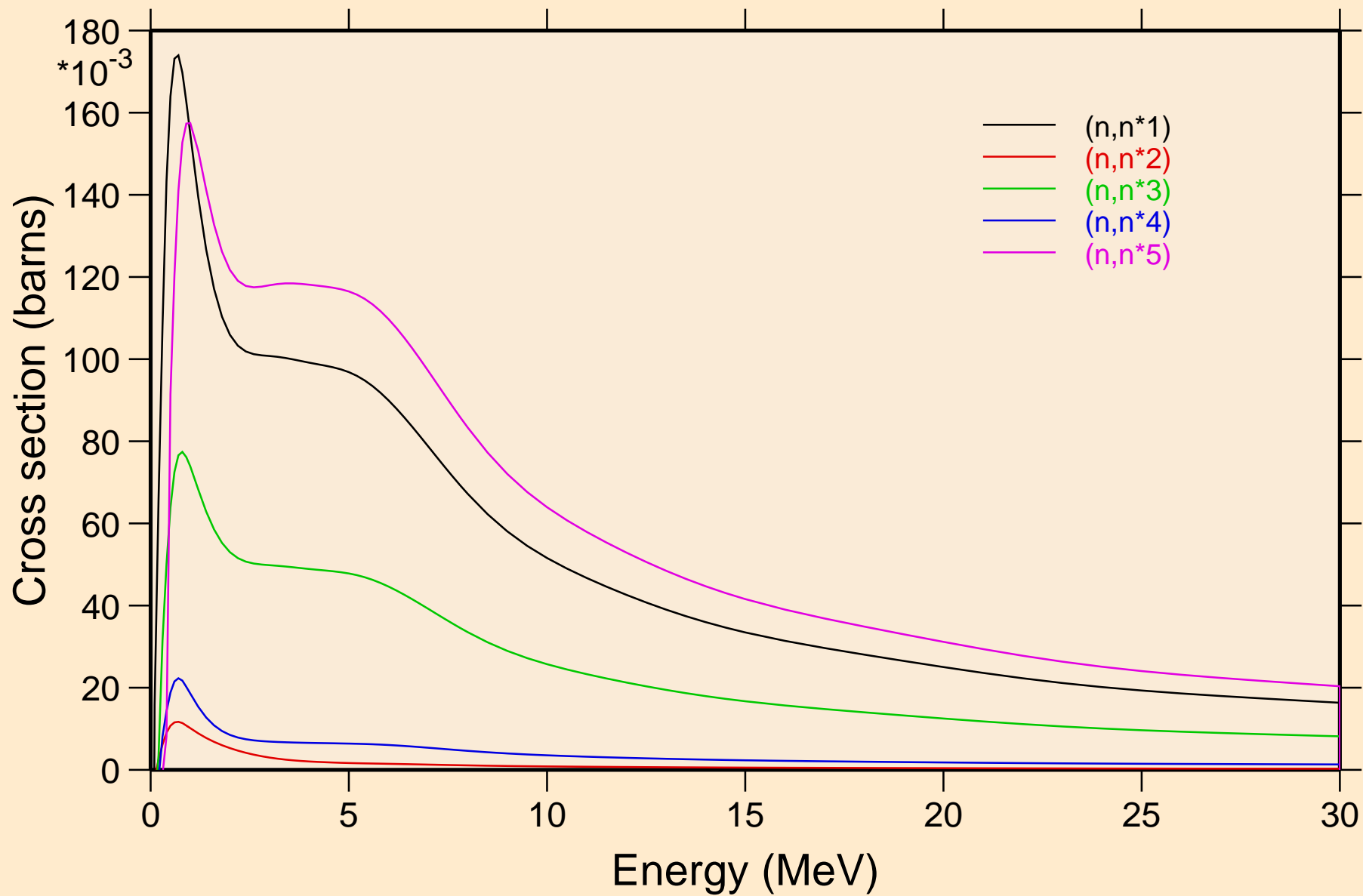
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



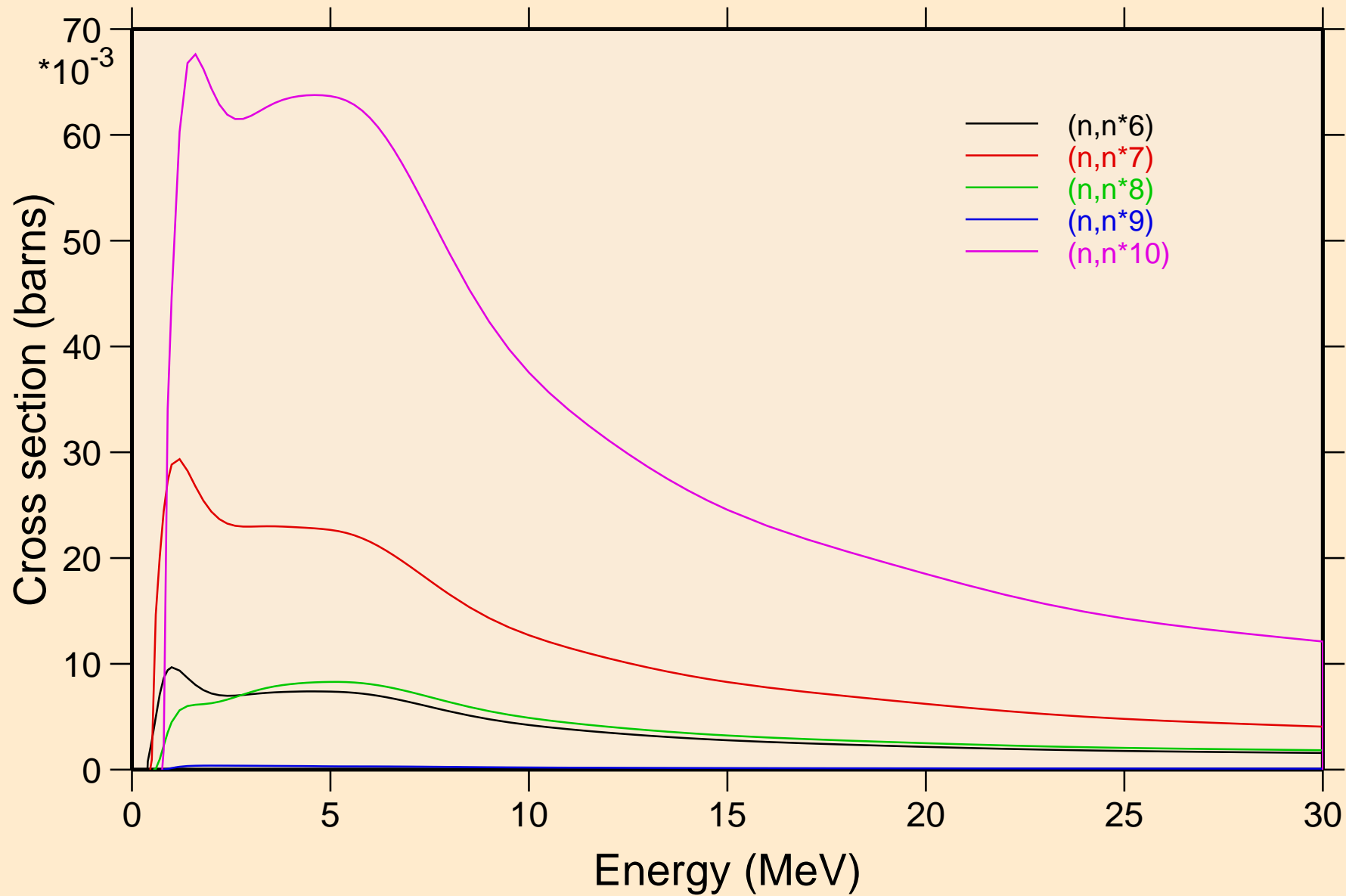
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

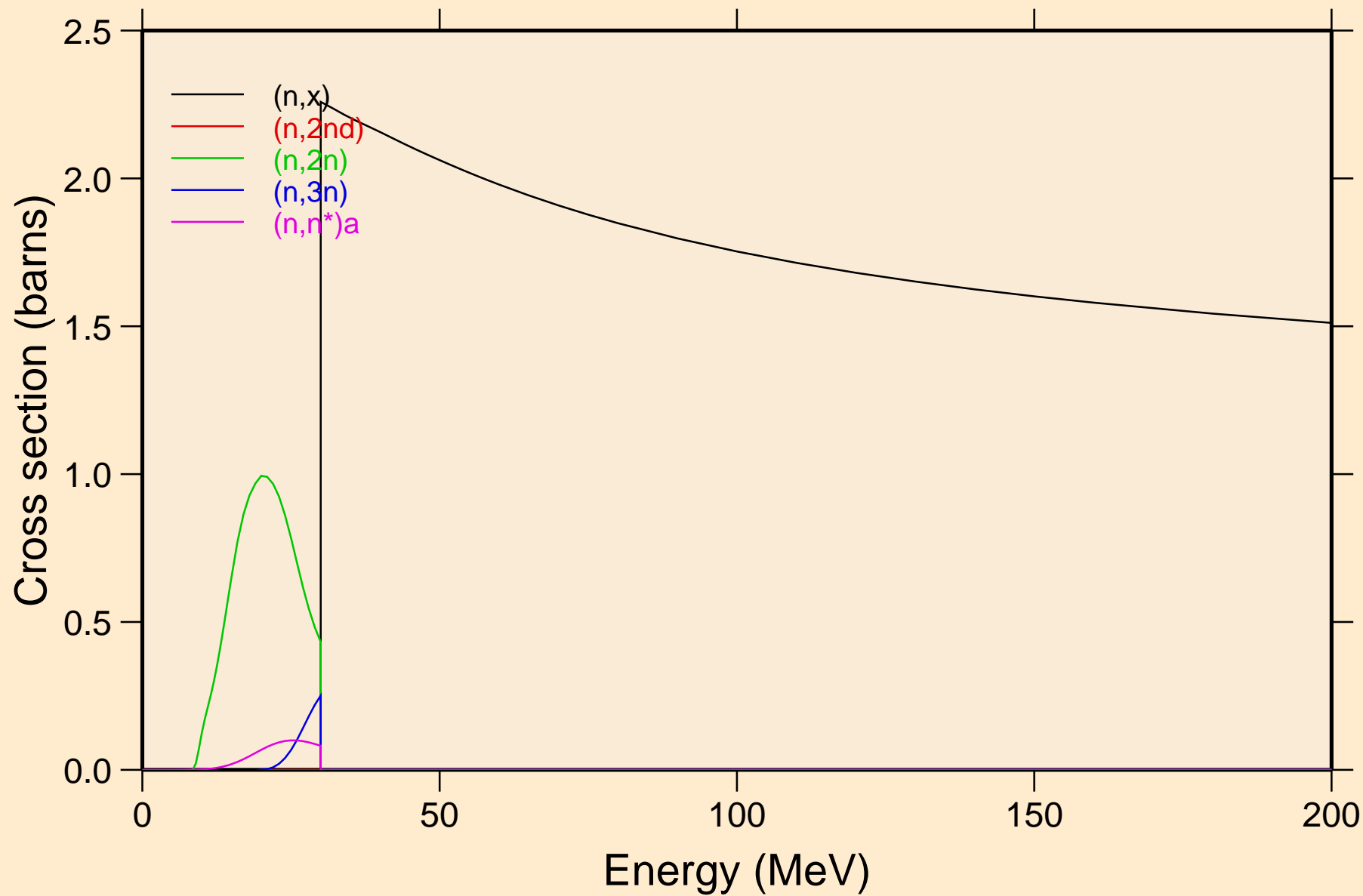


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

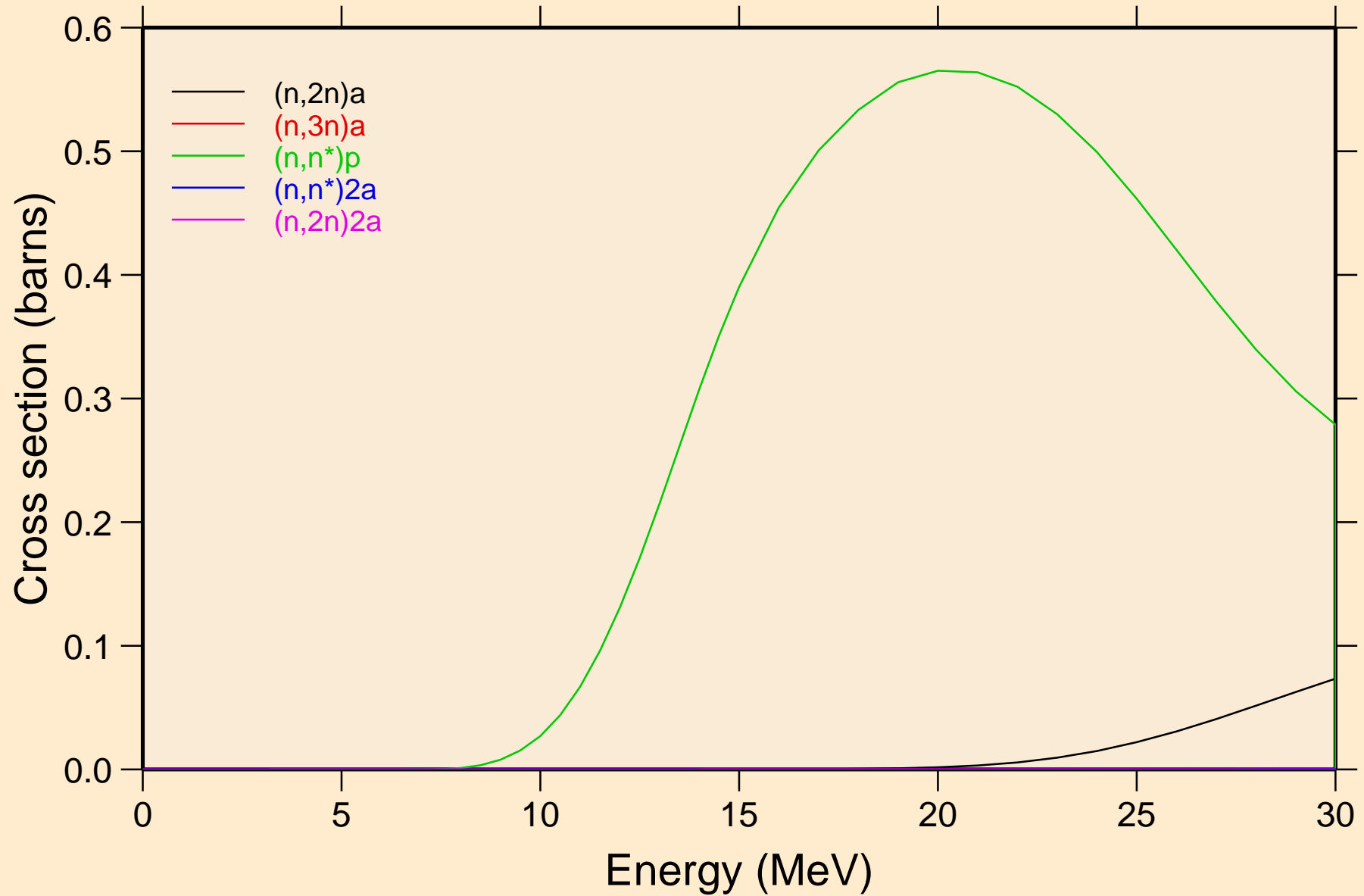


# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

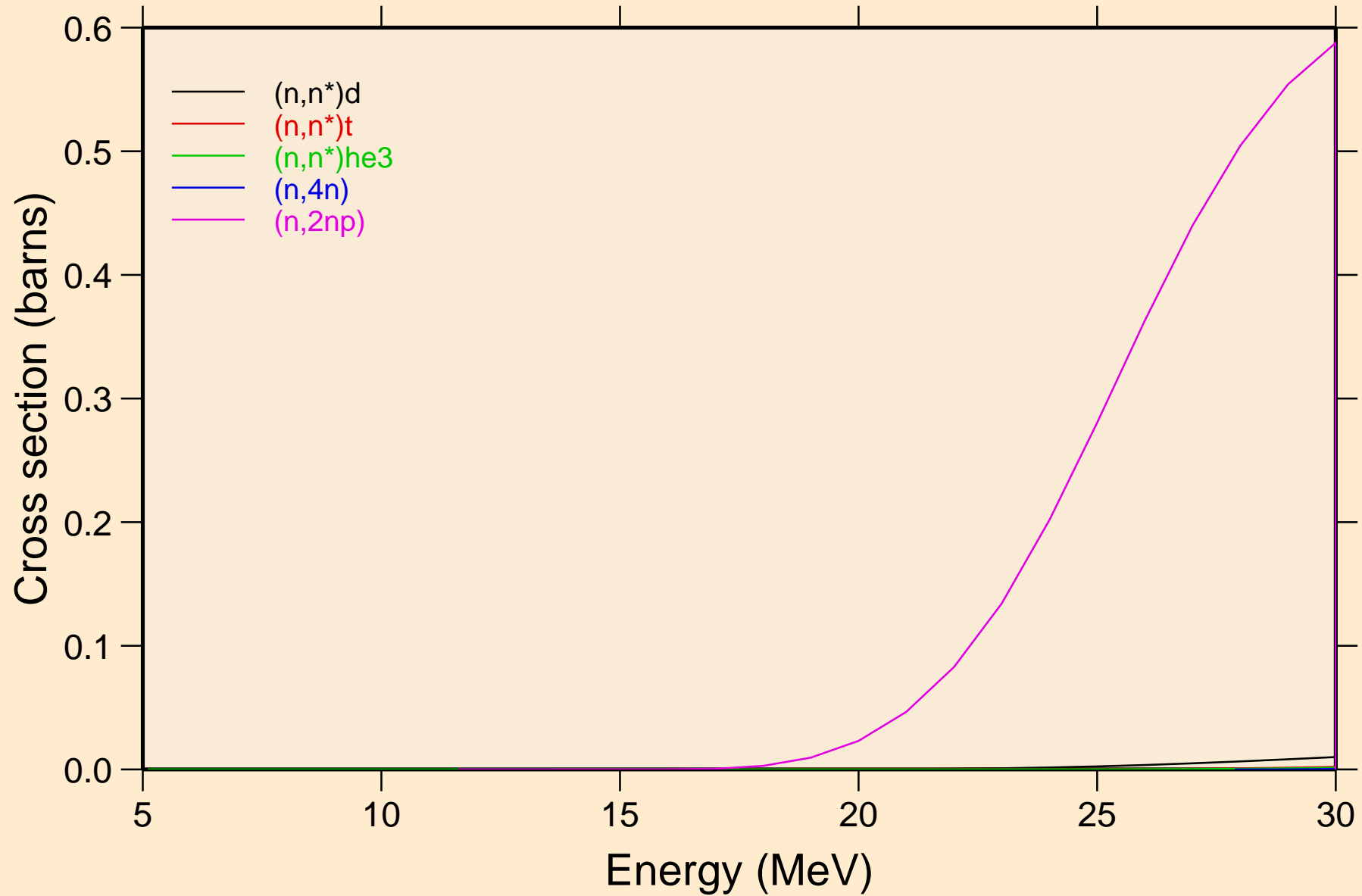
## Threshold reactions



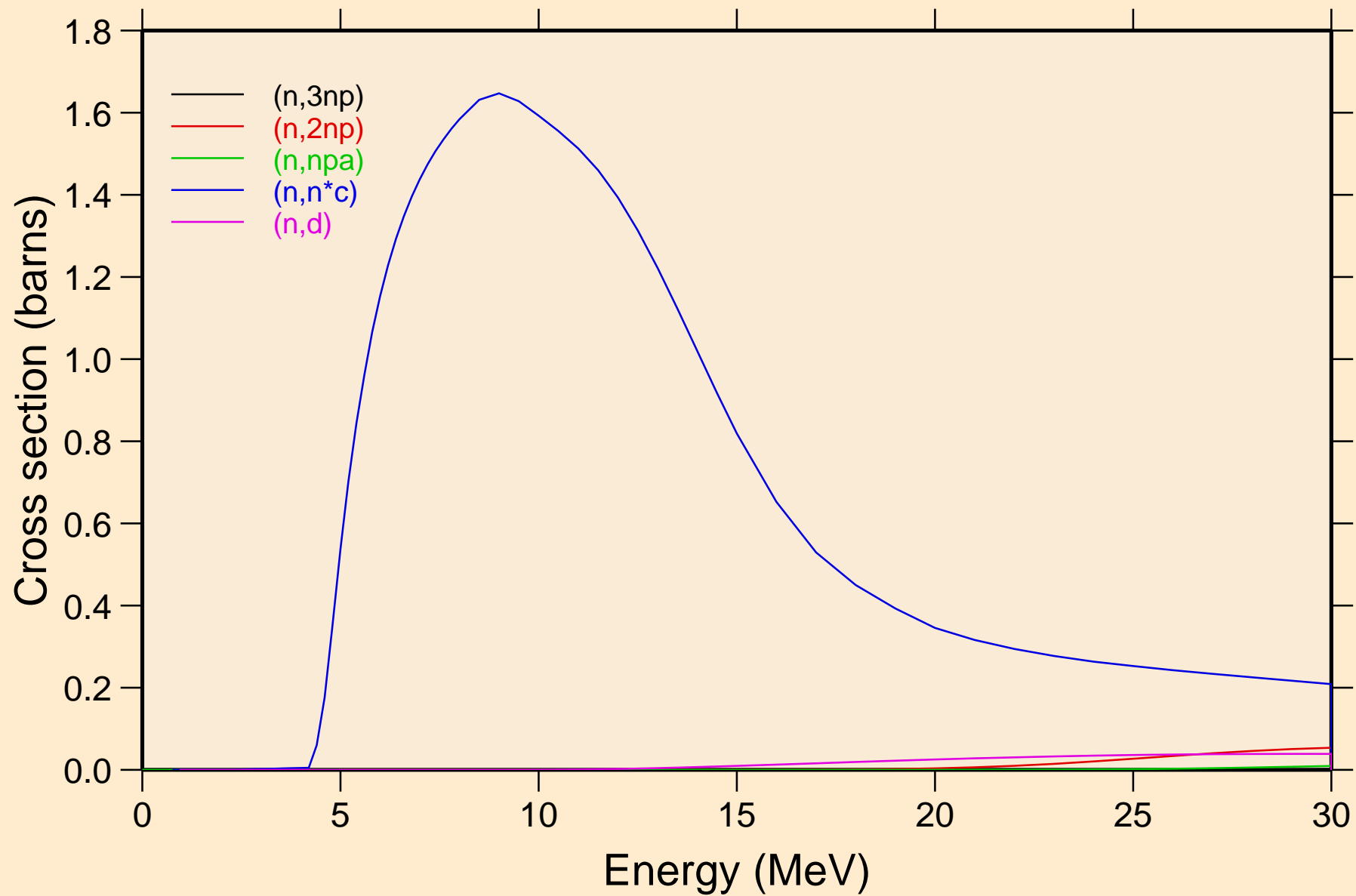
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

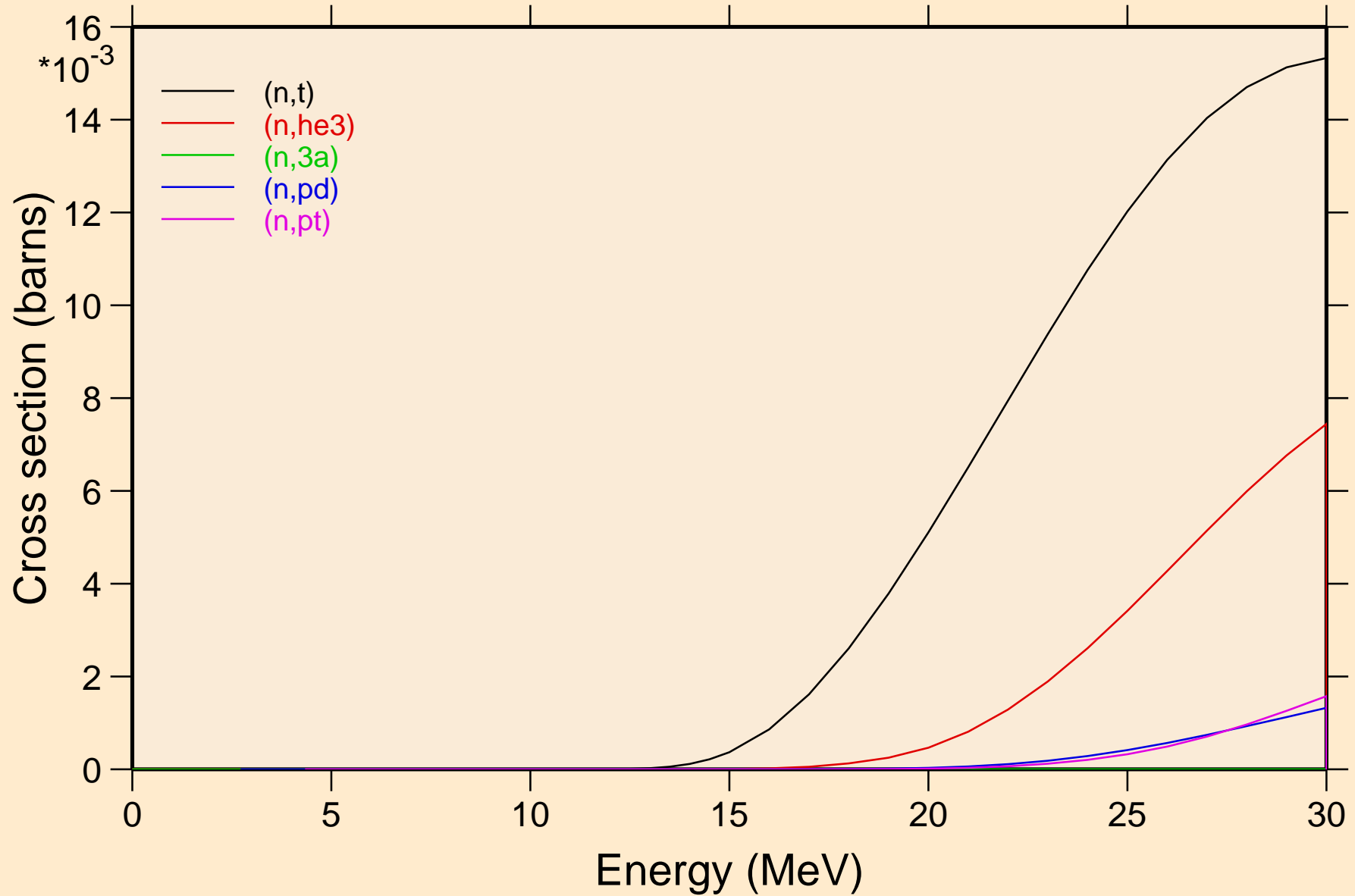


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

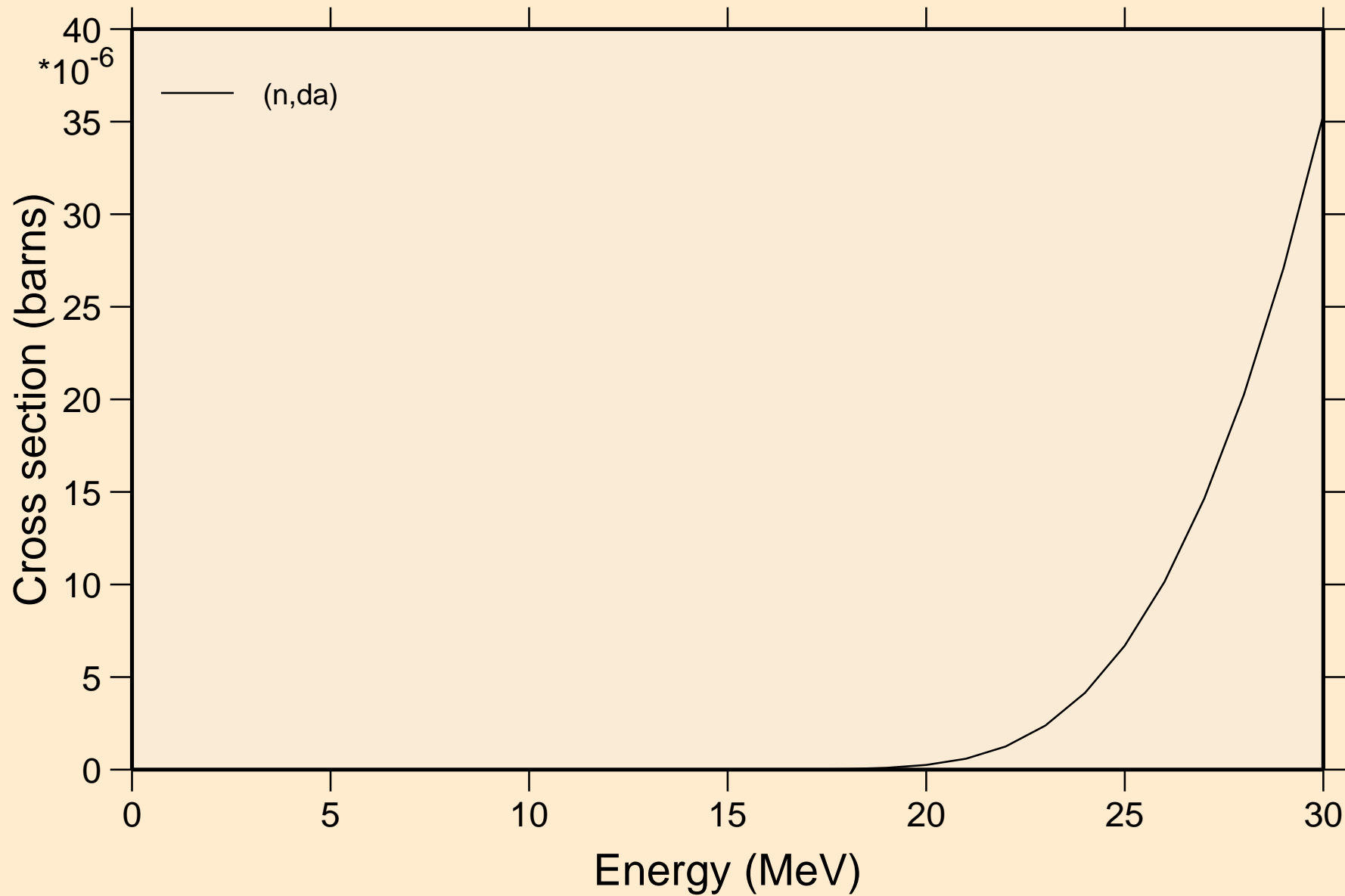




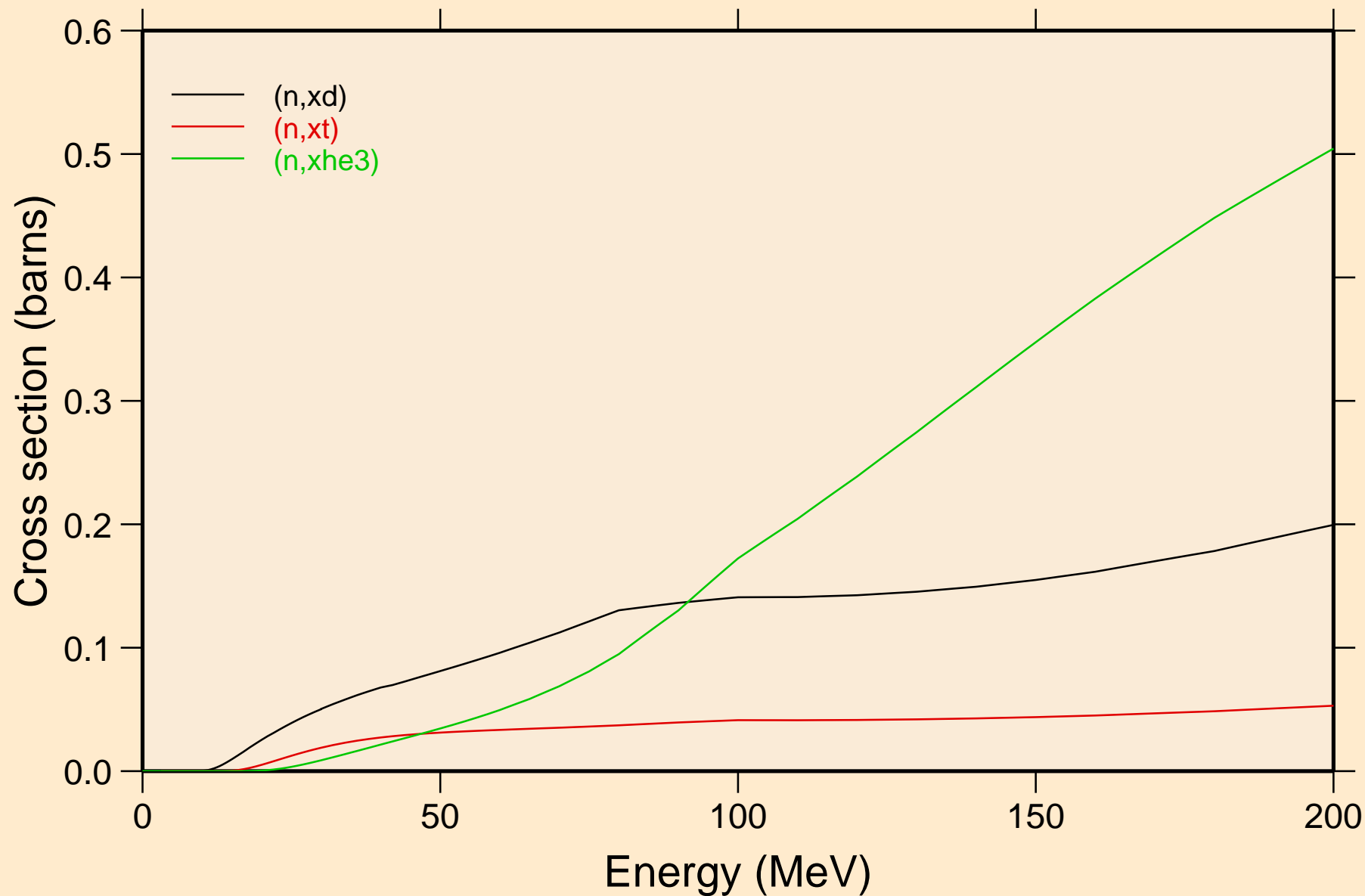
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



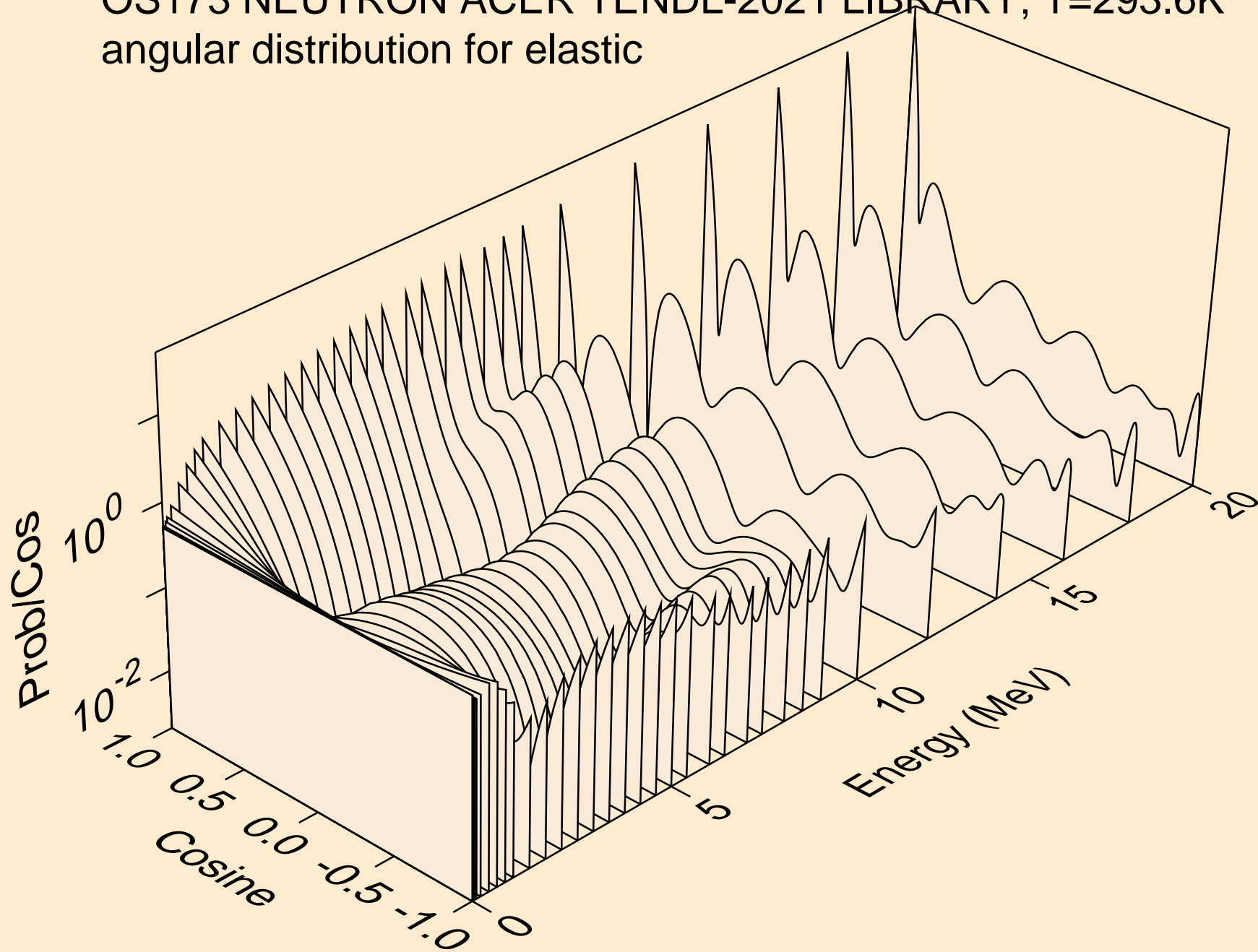
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



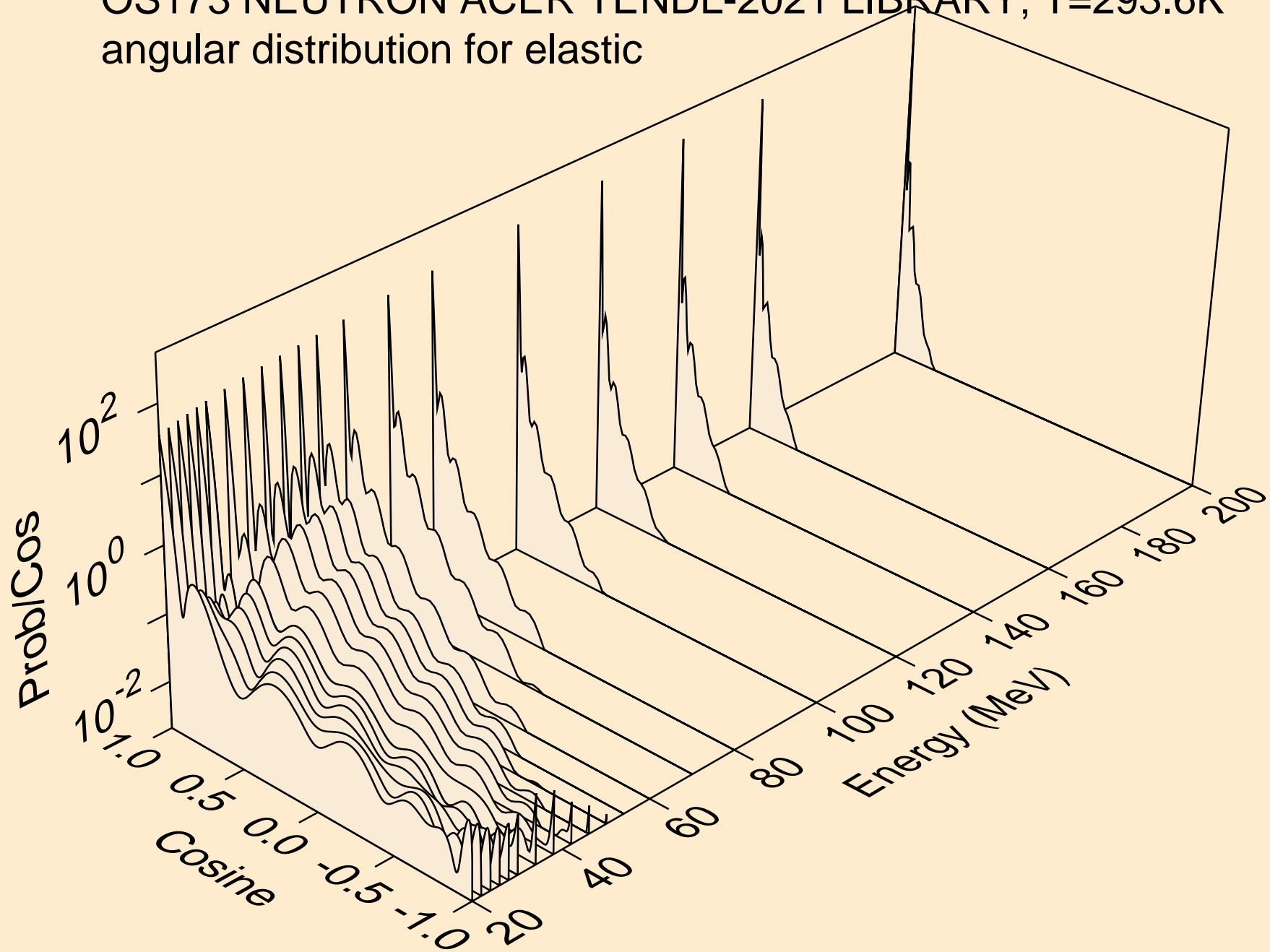
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



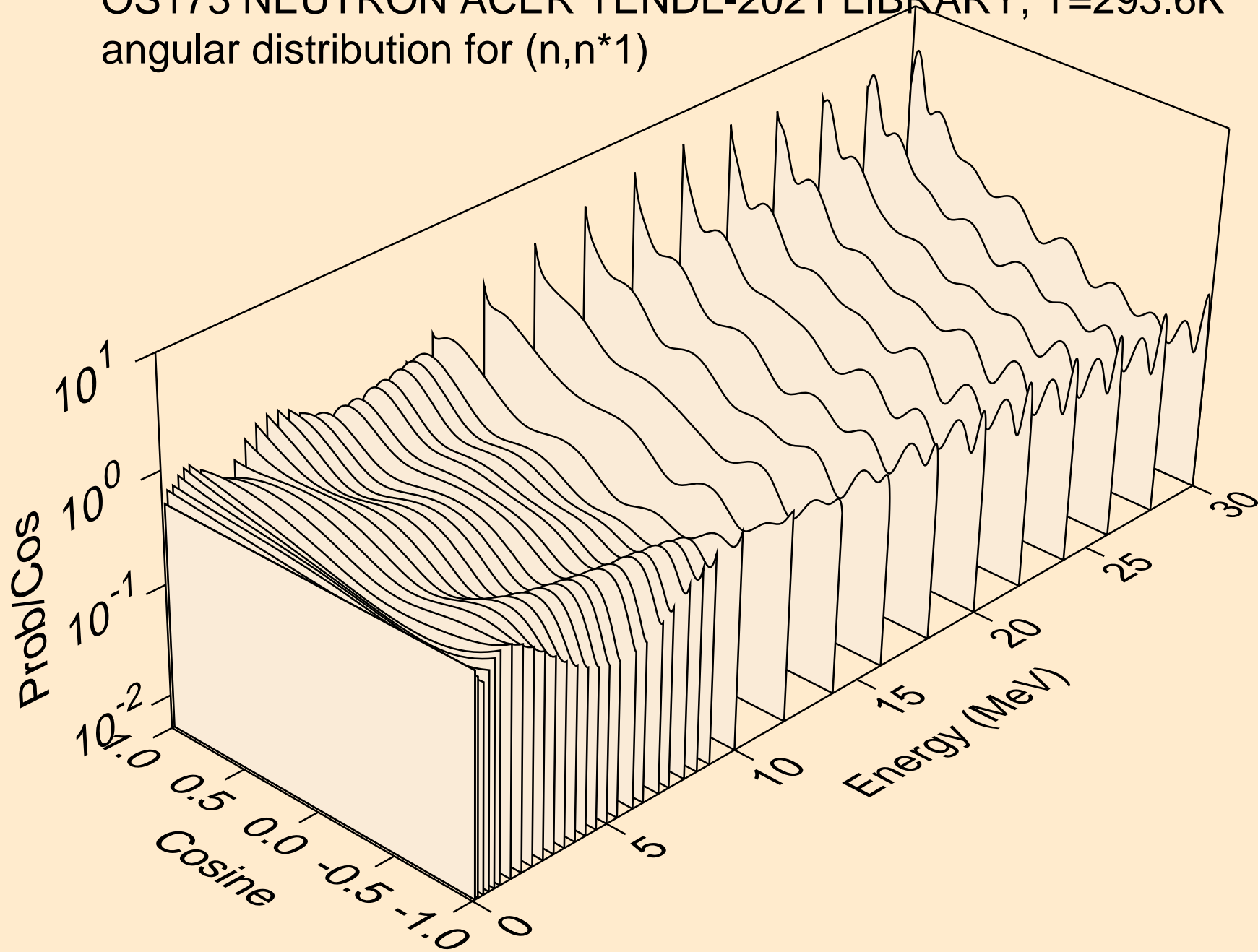
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



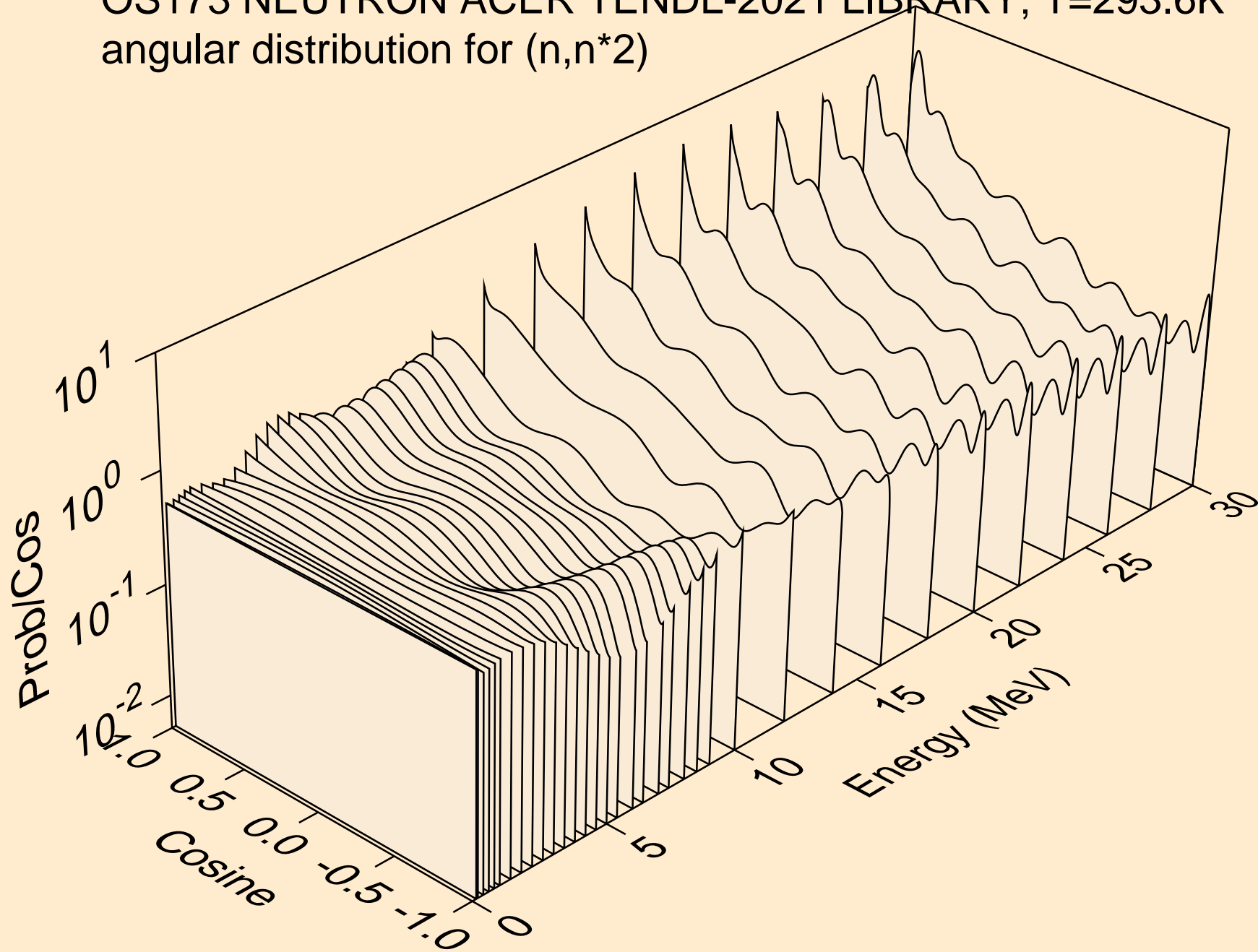
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



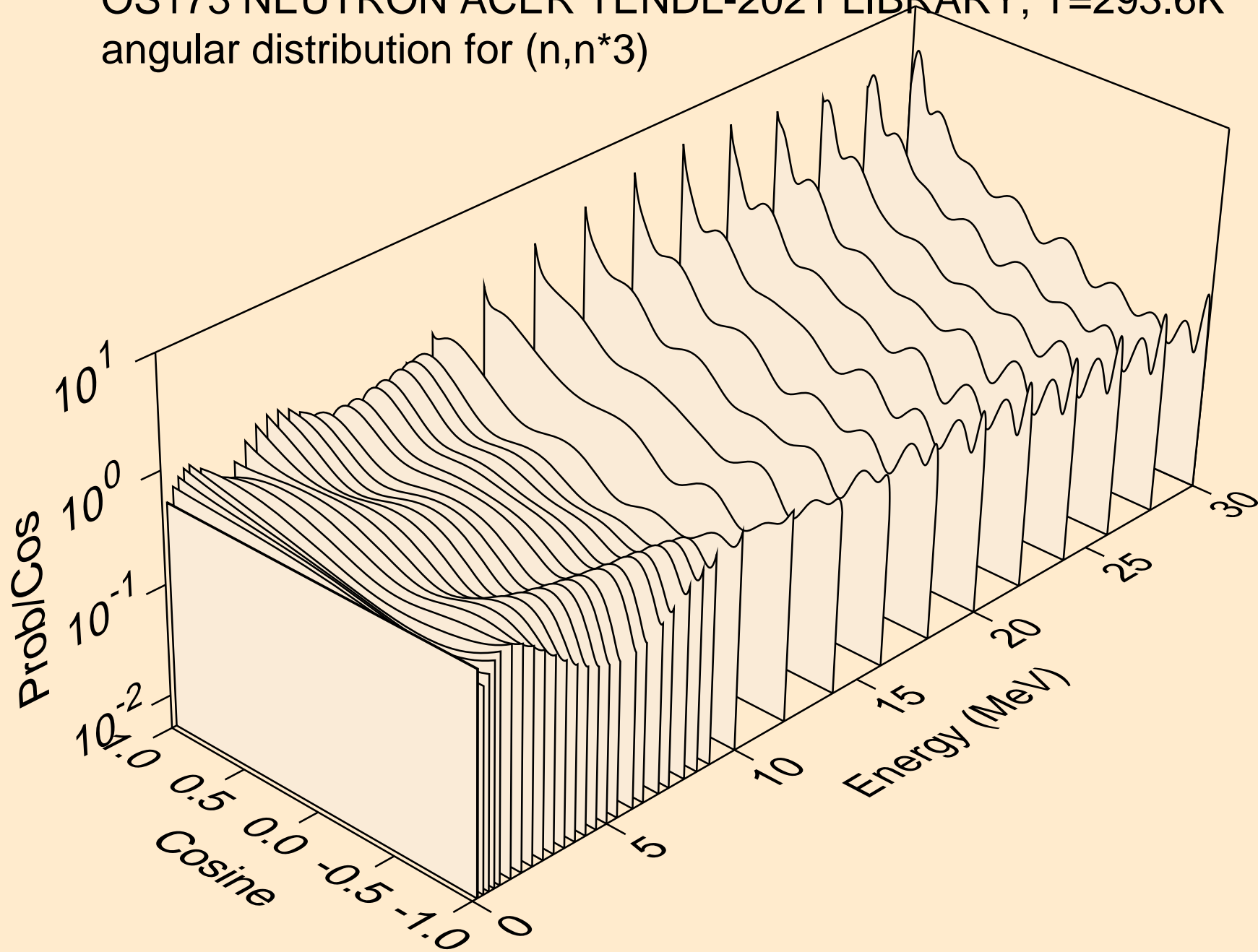
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

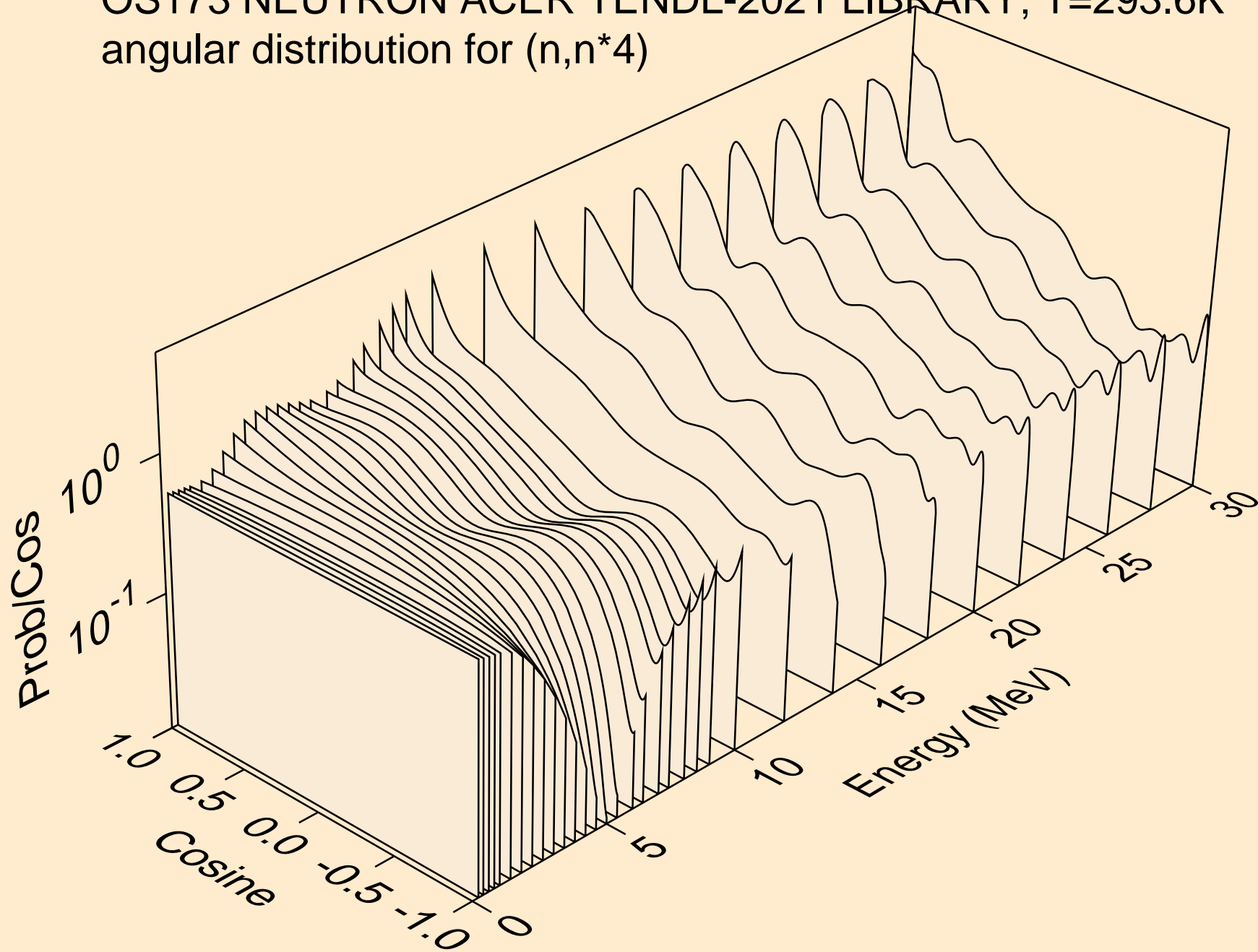


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

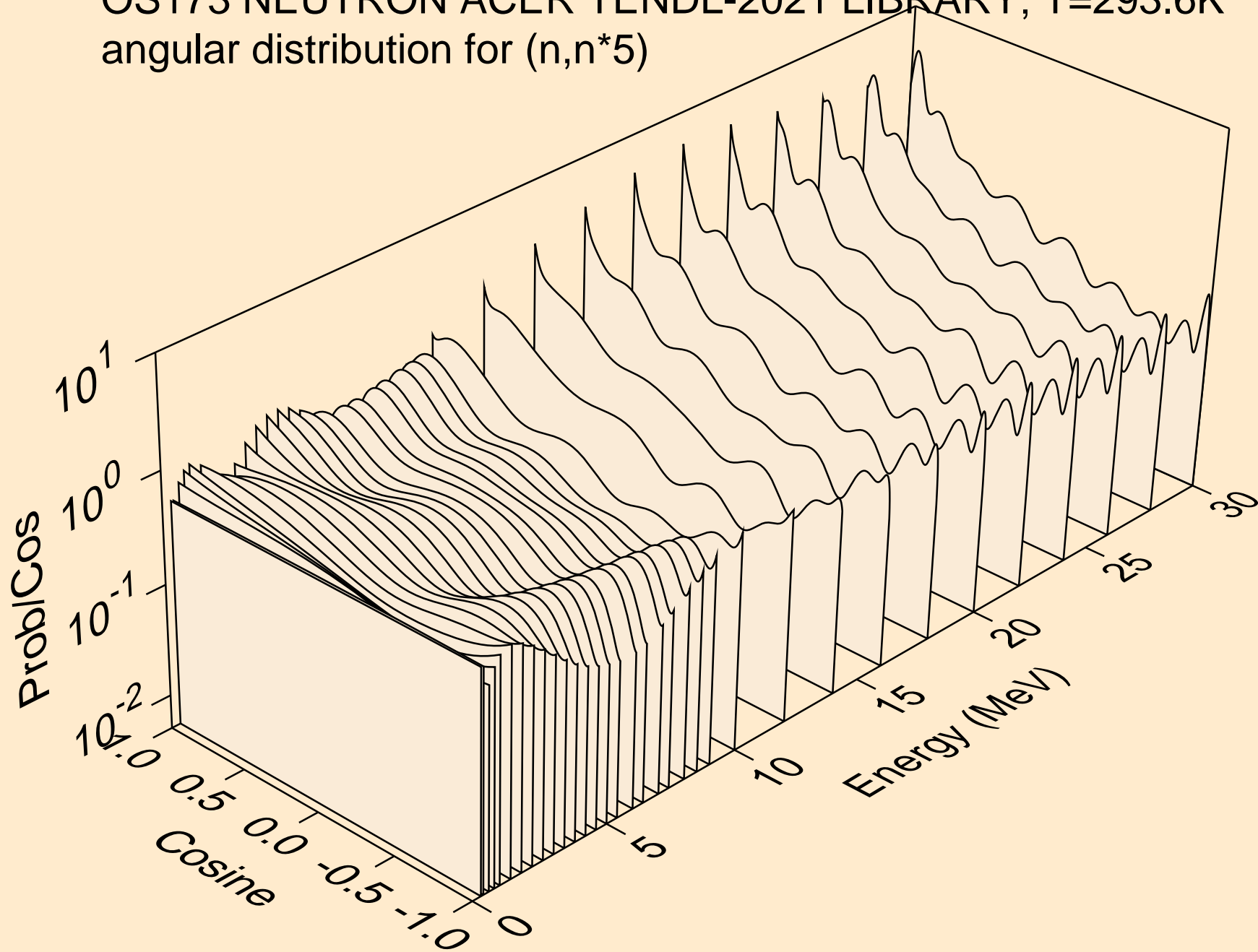




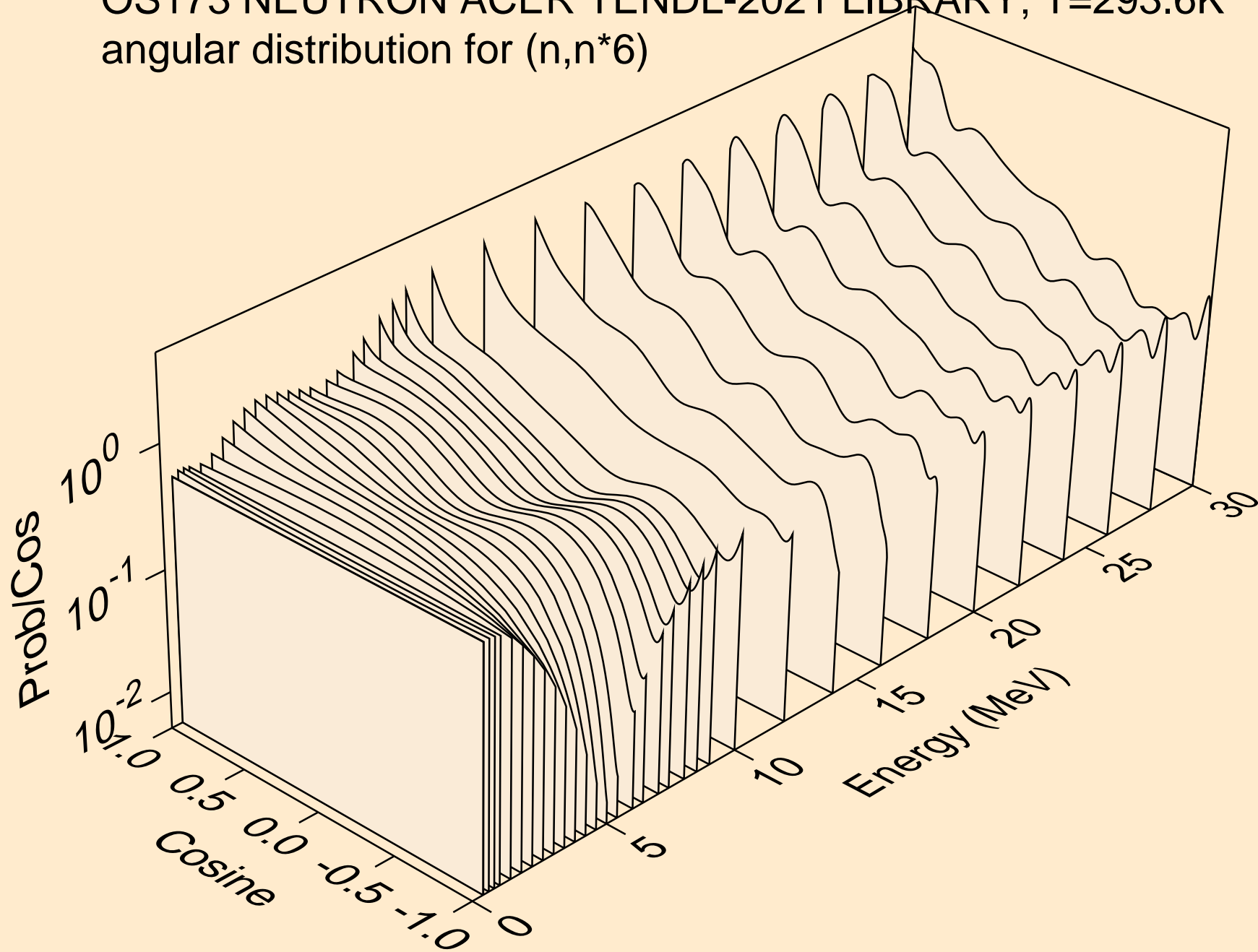
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



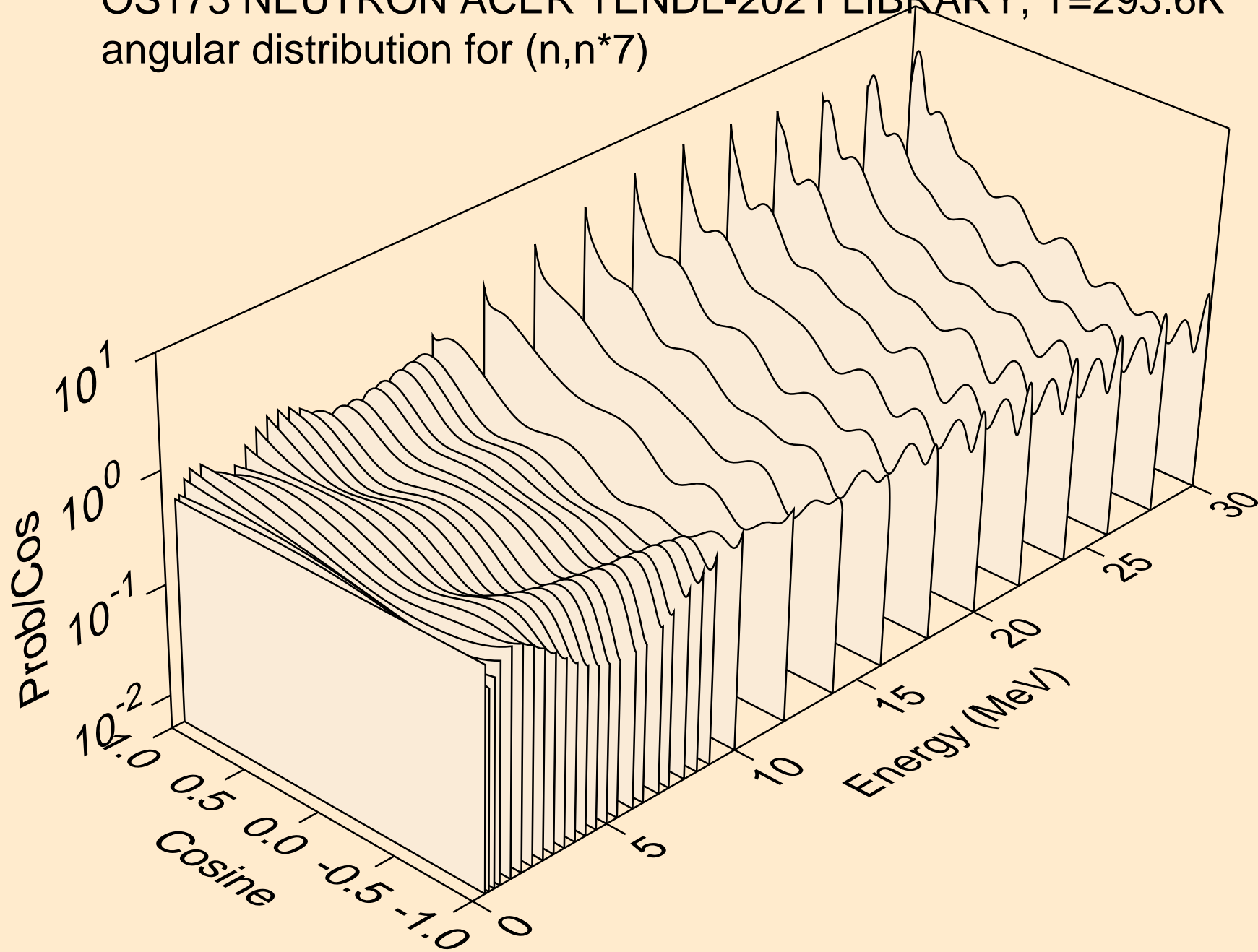
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



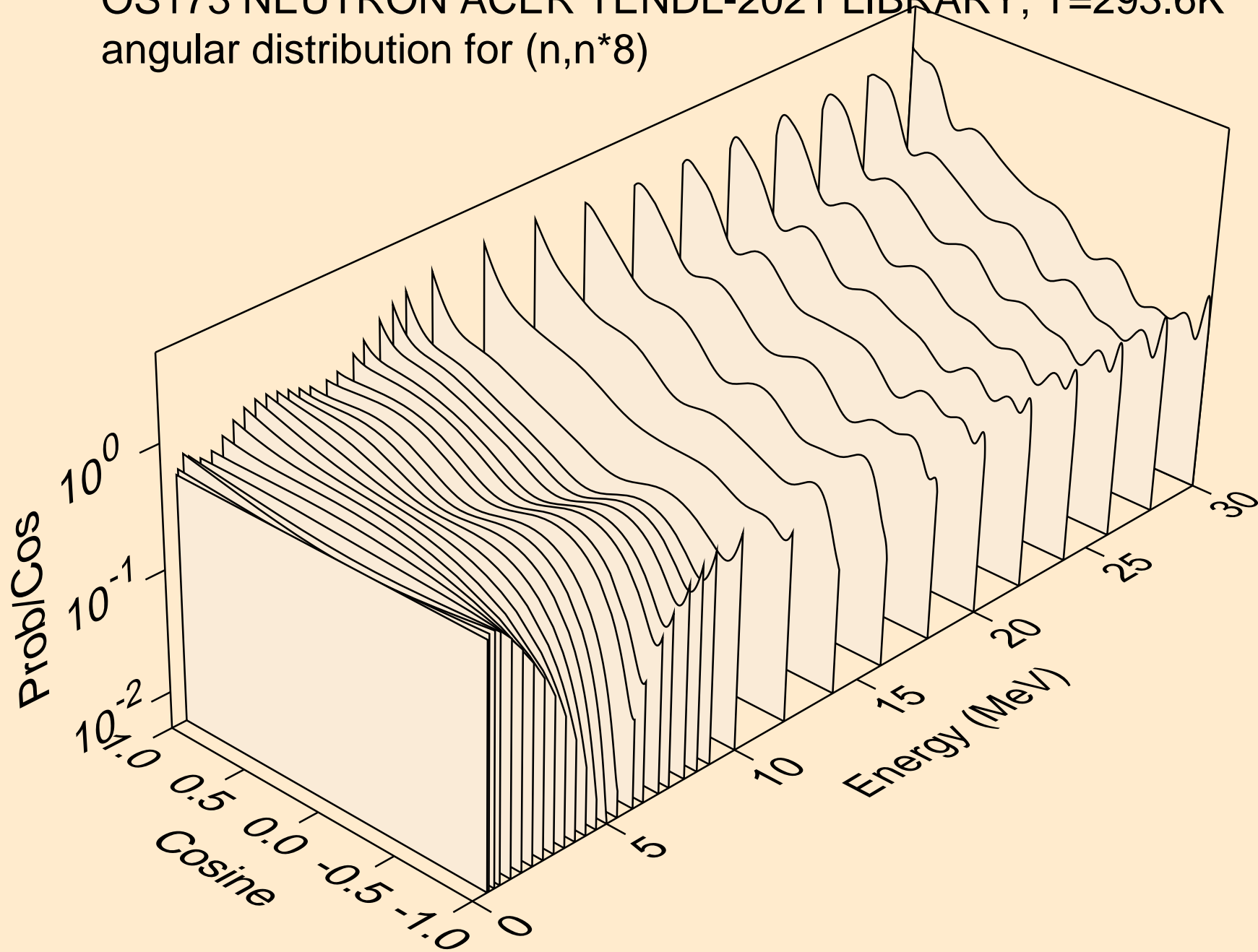
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



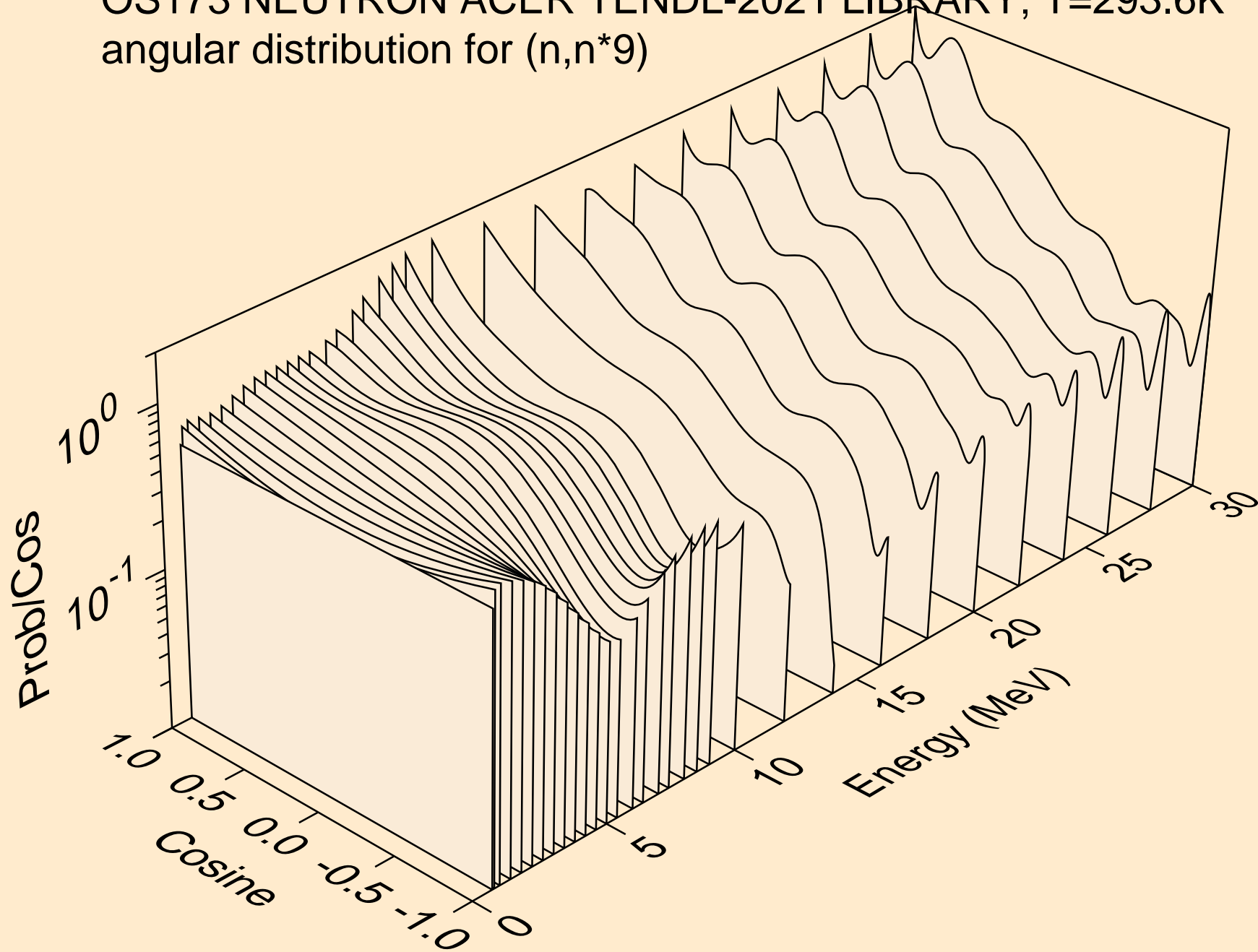
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



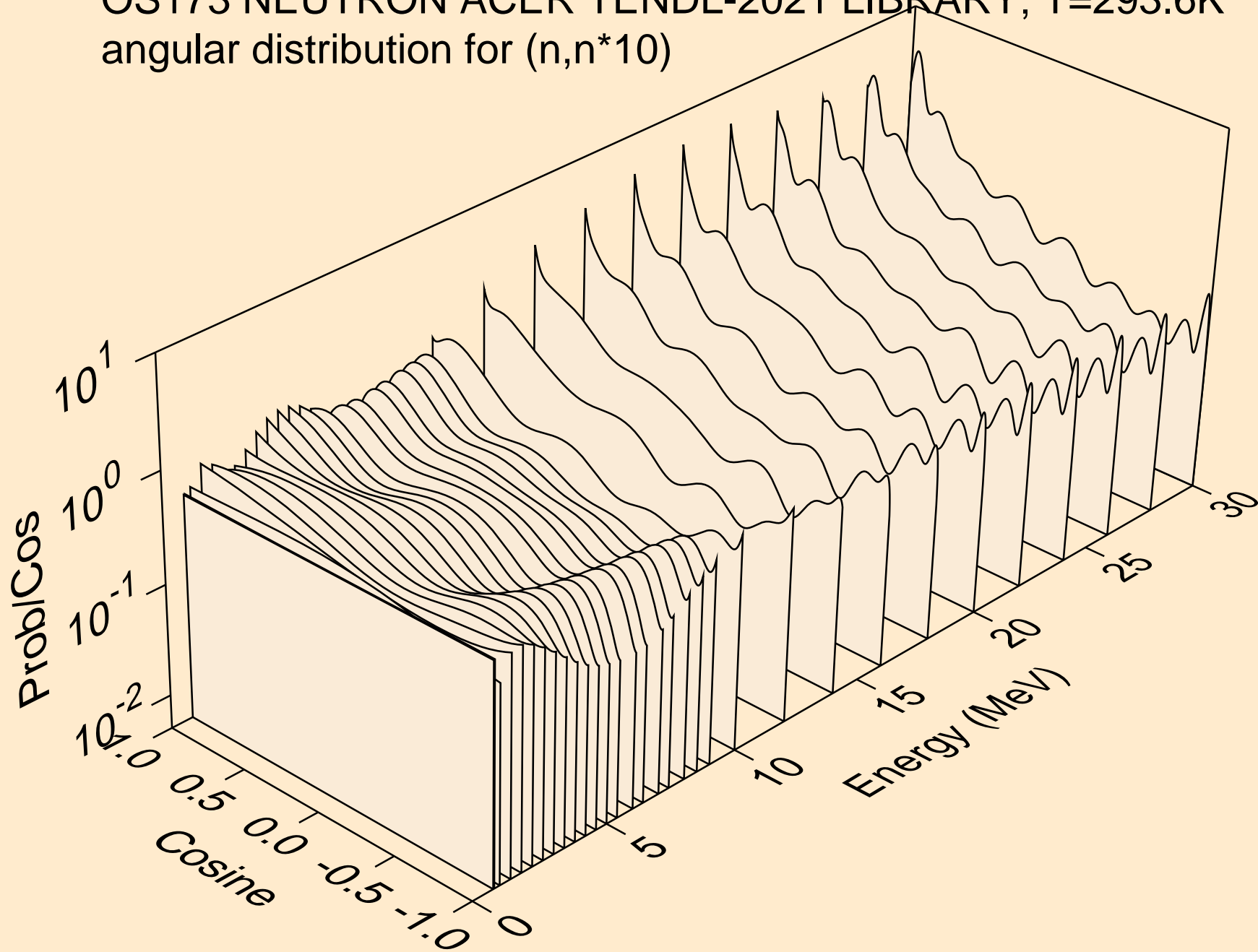
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



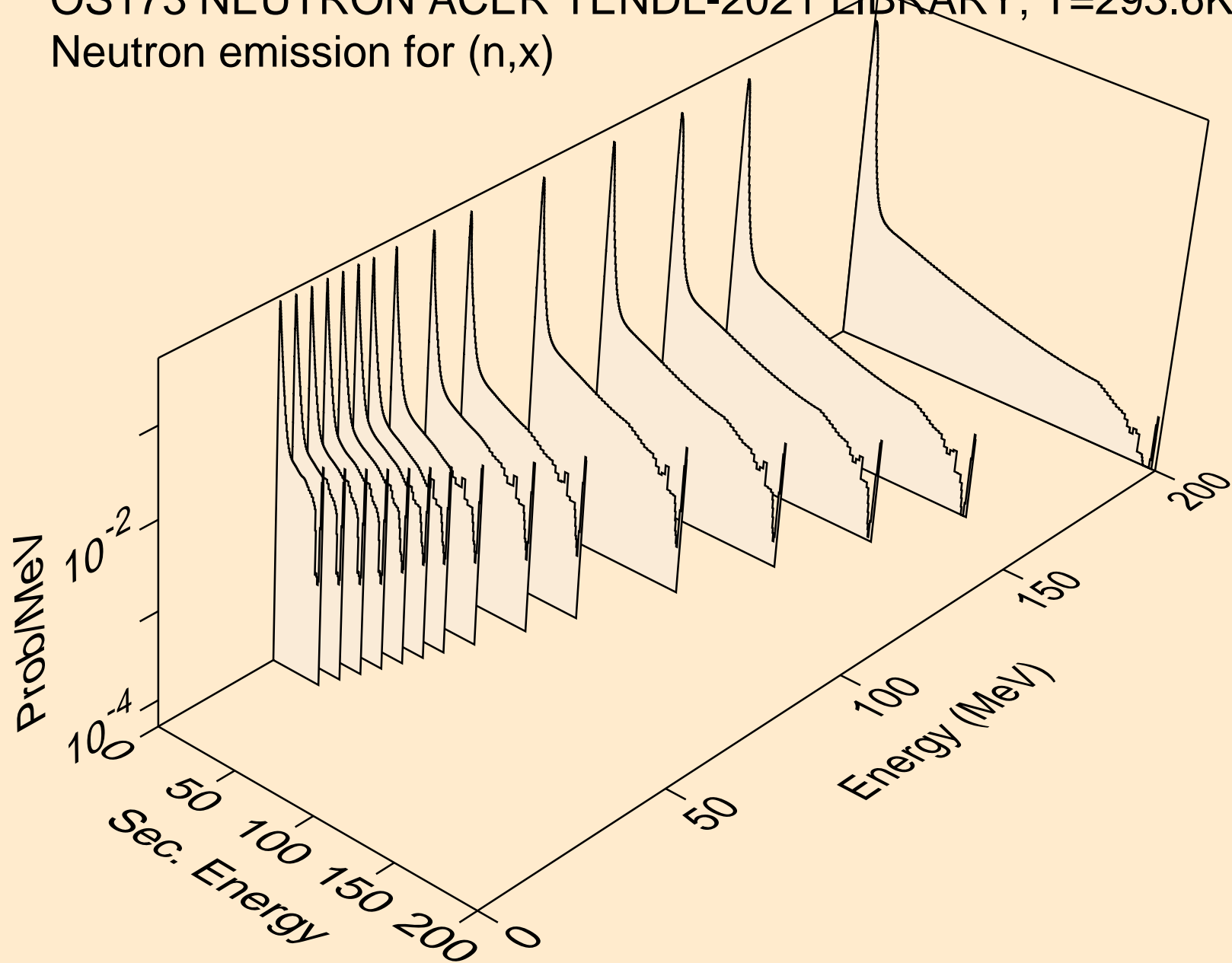
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

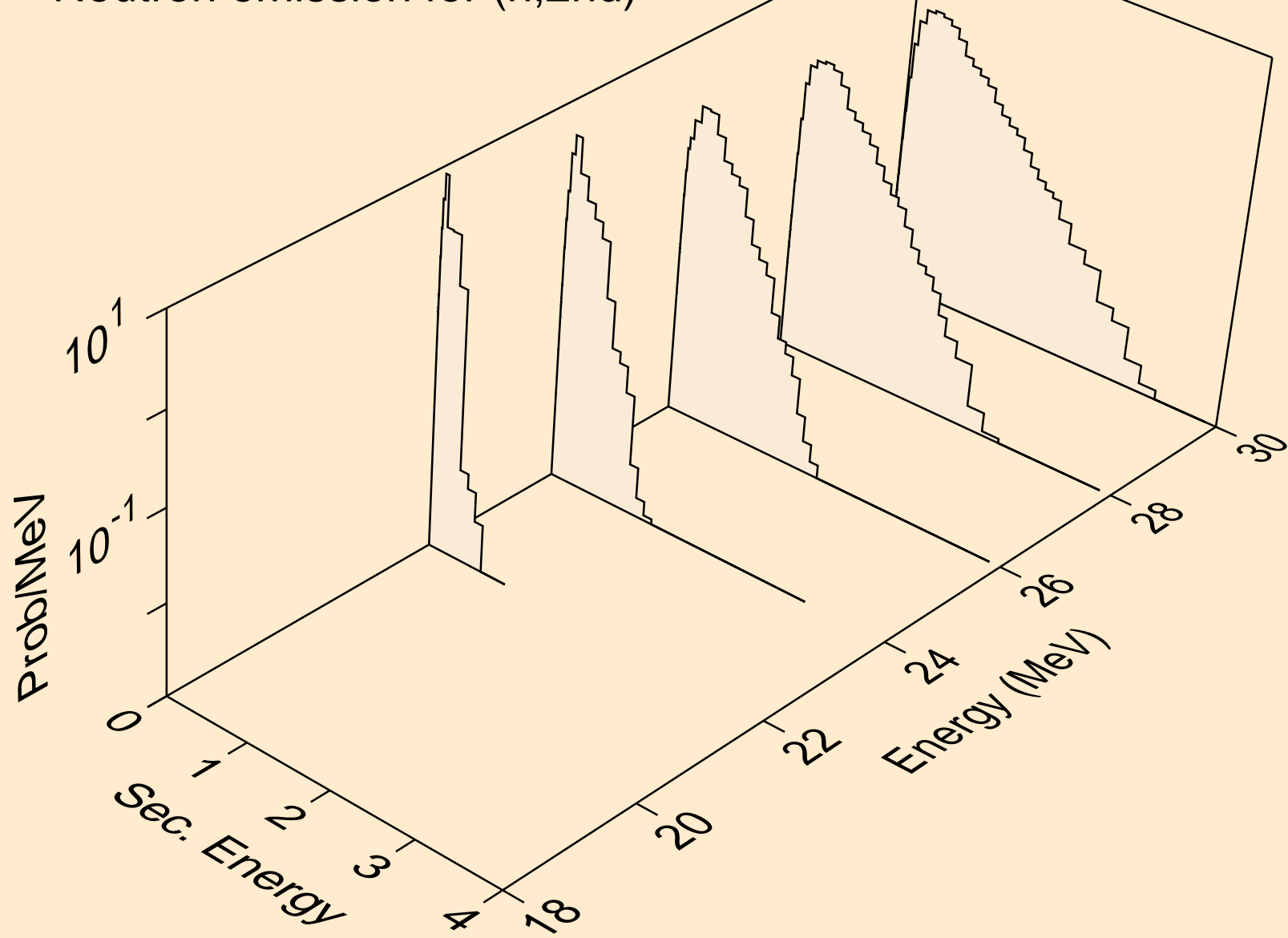


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

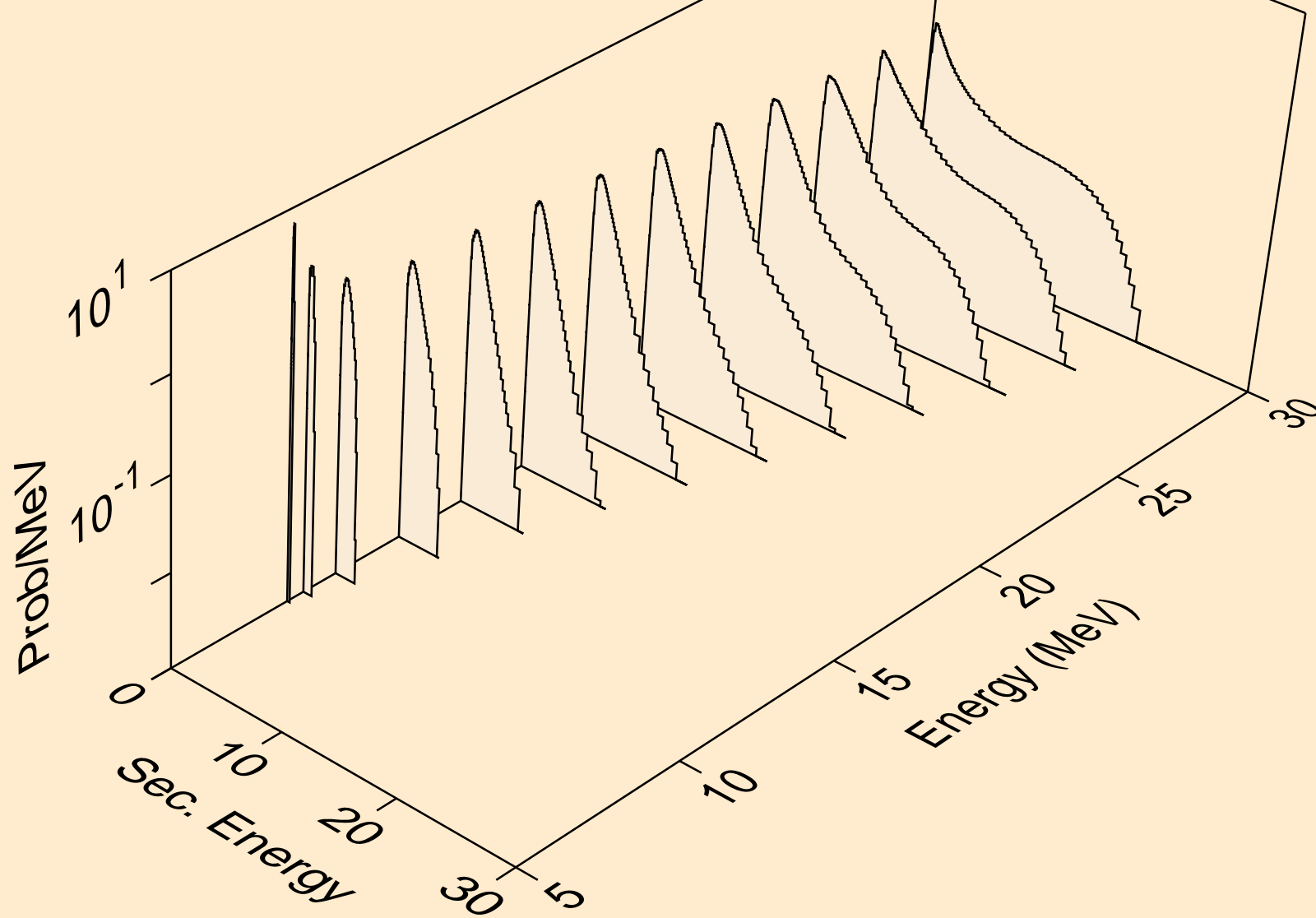




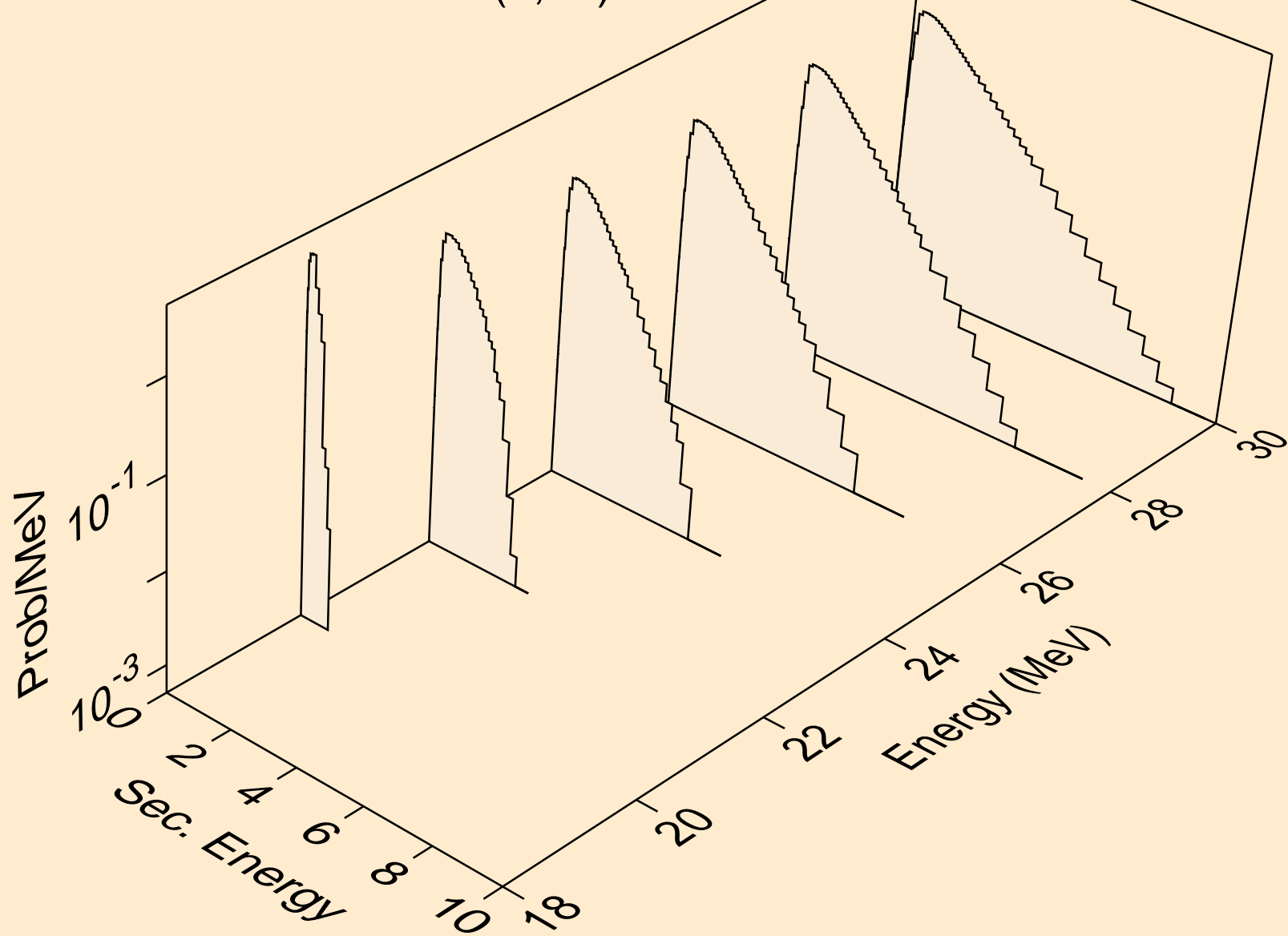
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



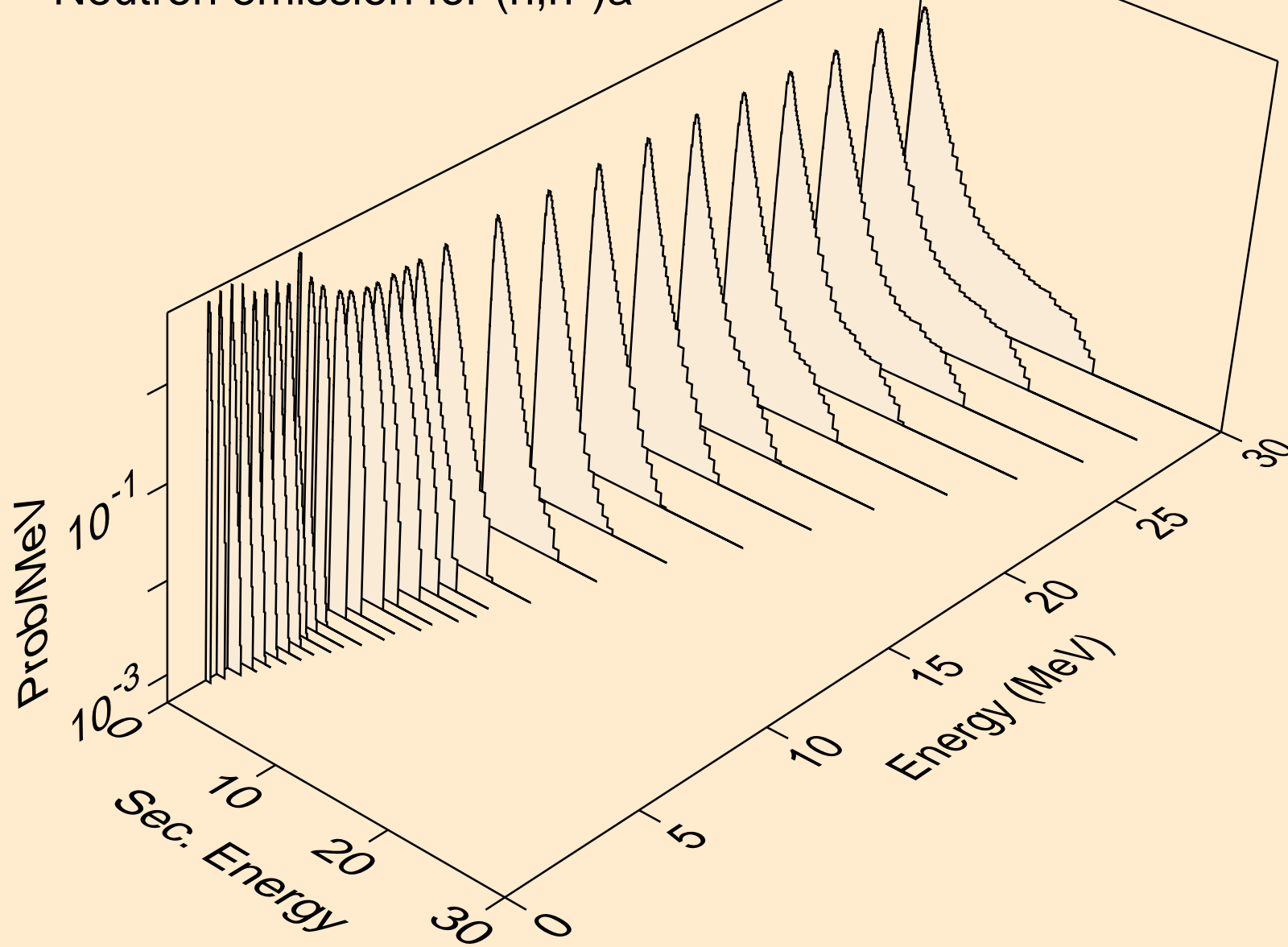
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



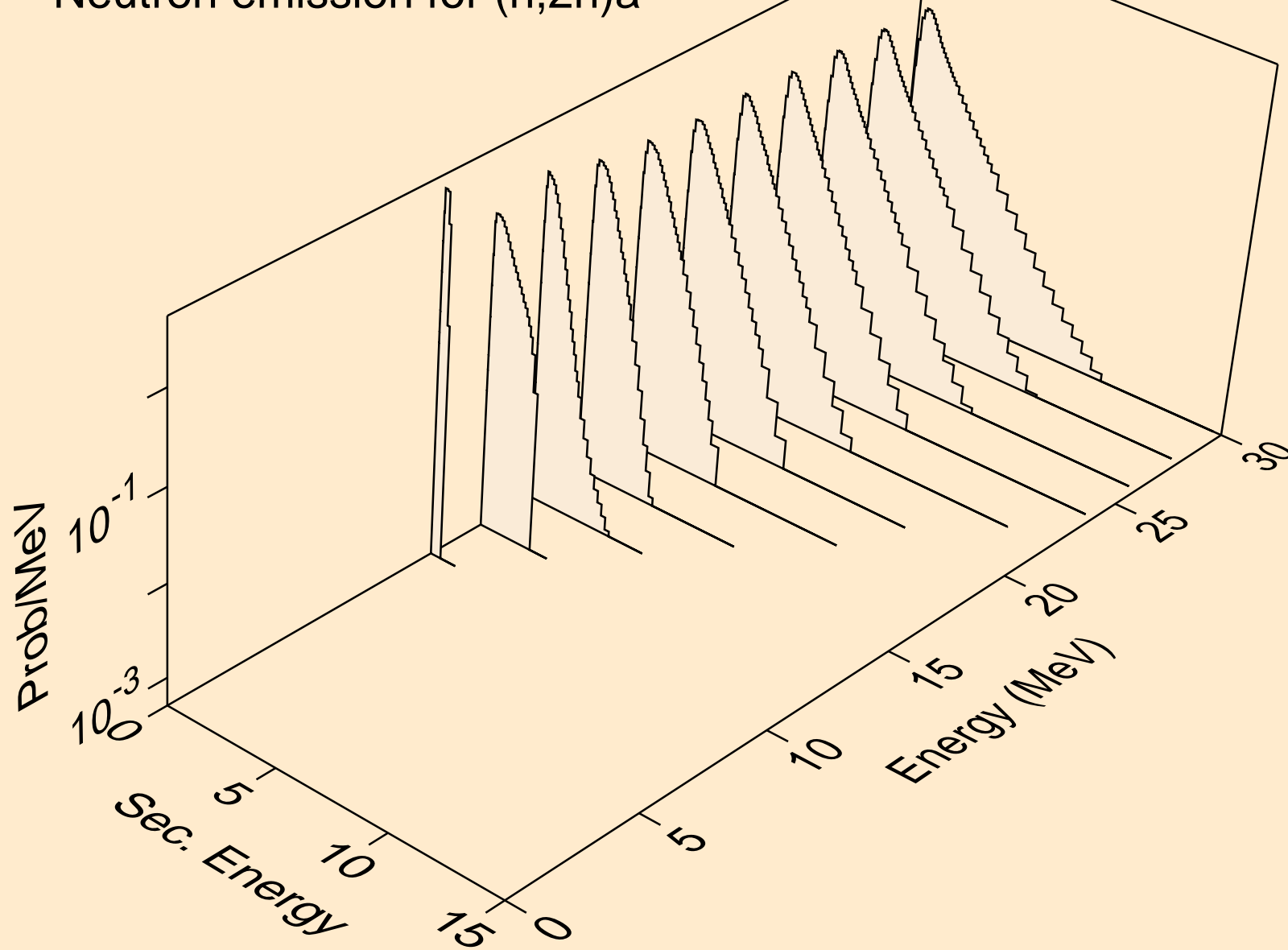
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



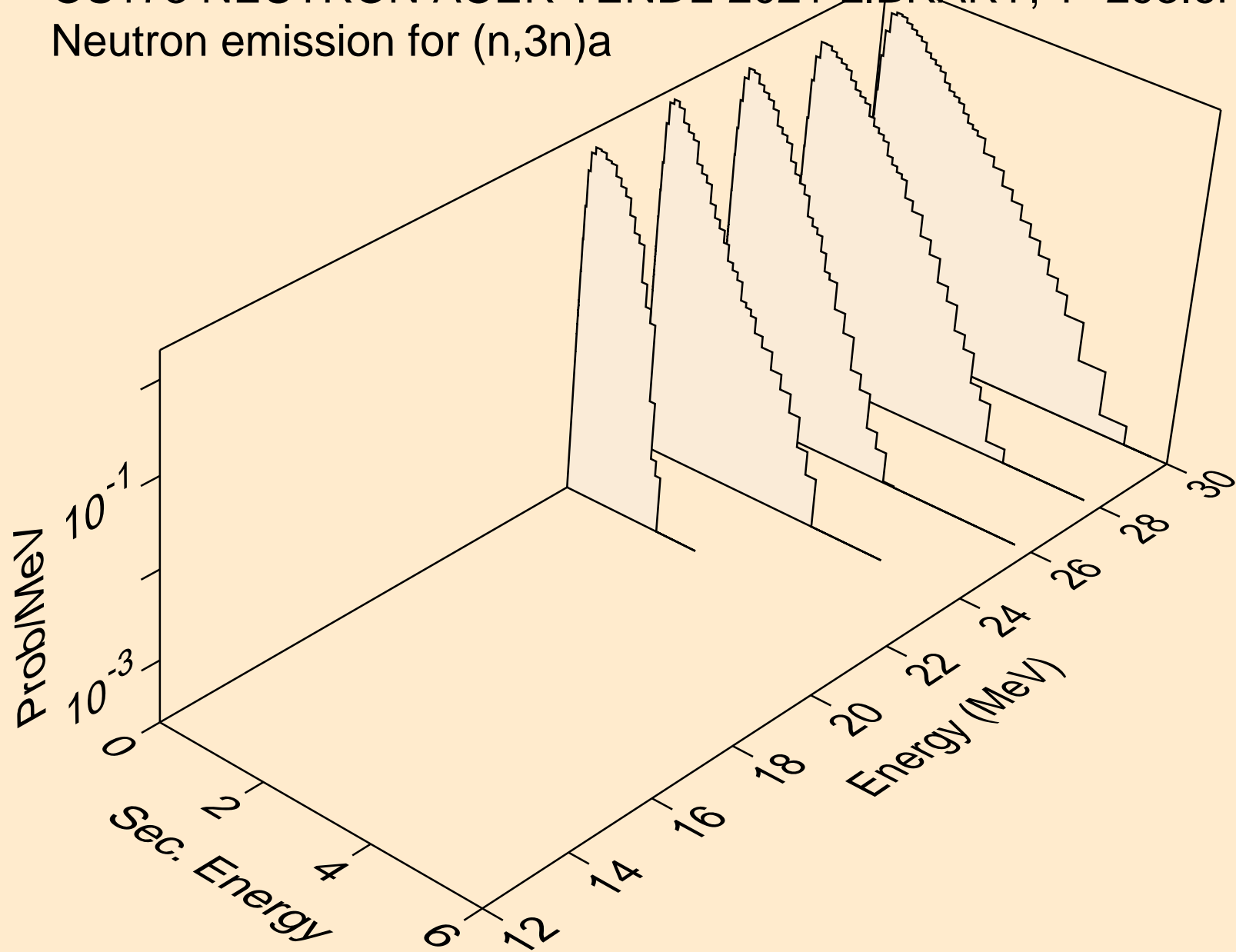
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



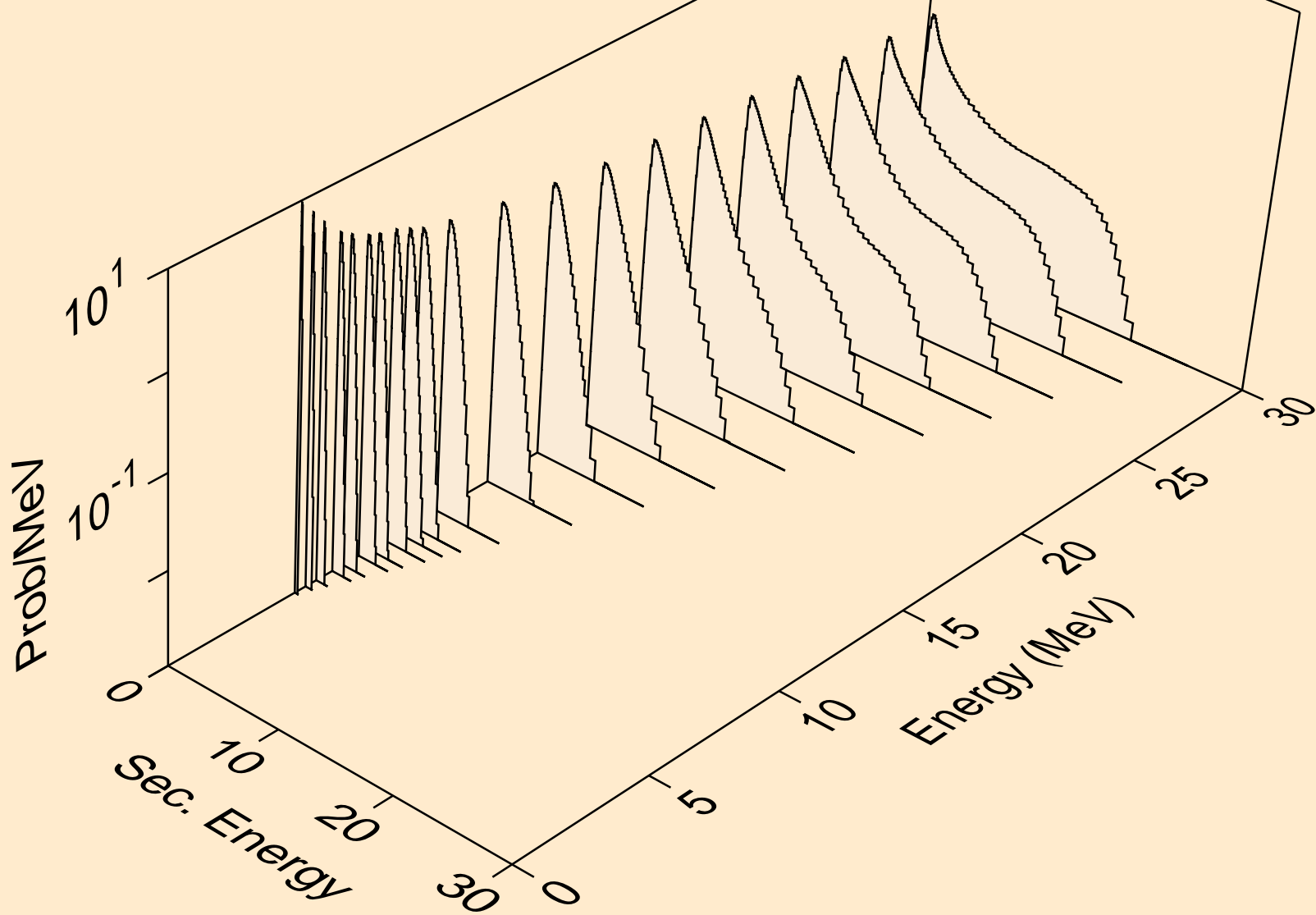
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



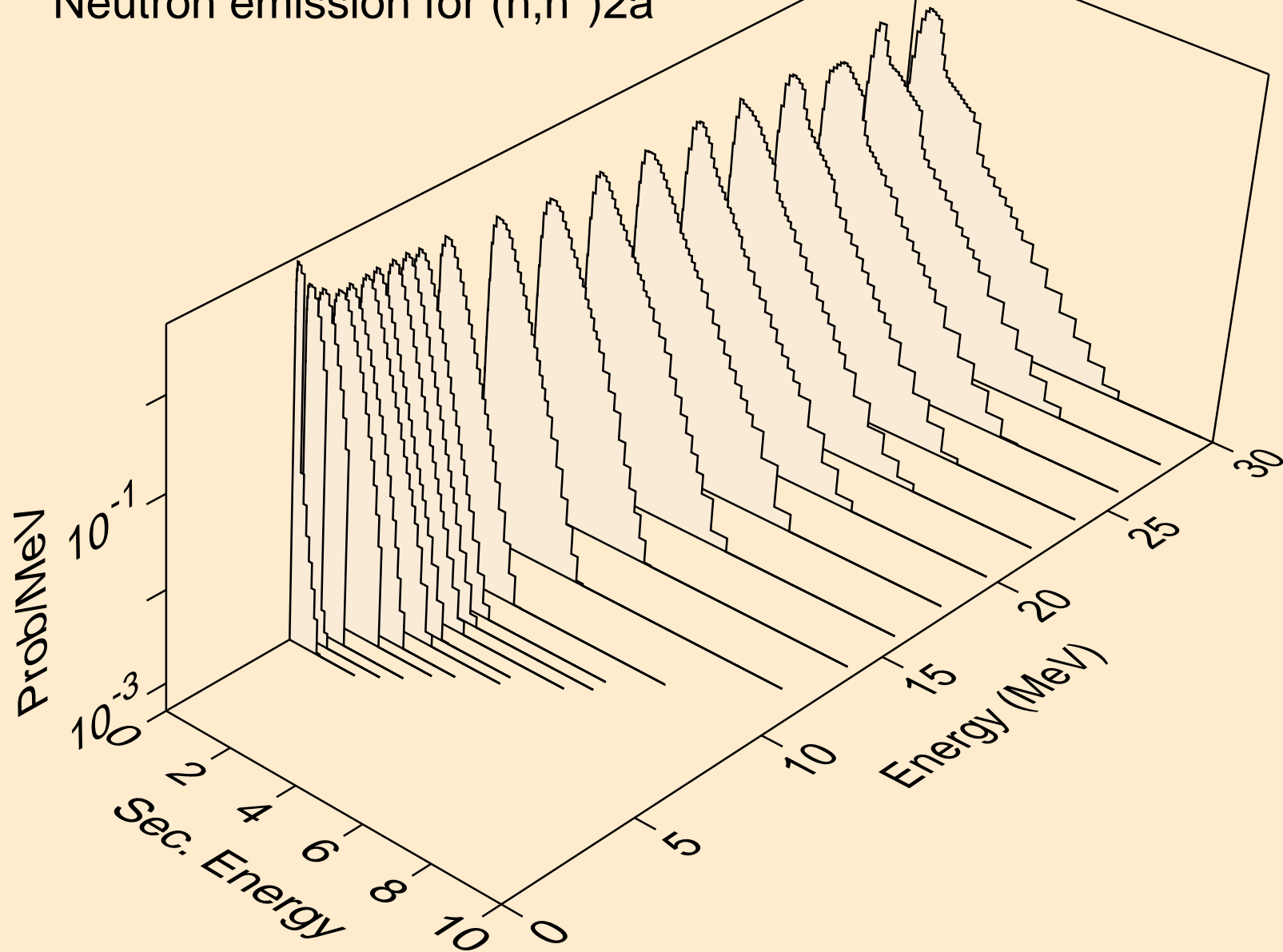
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

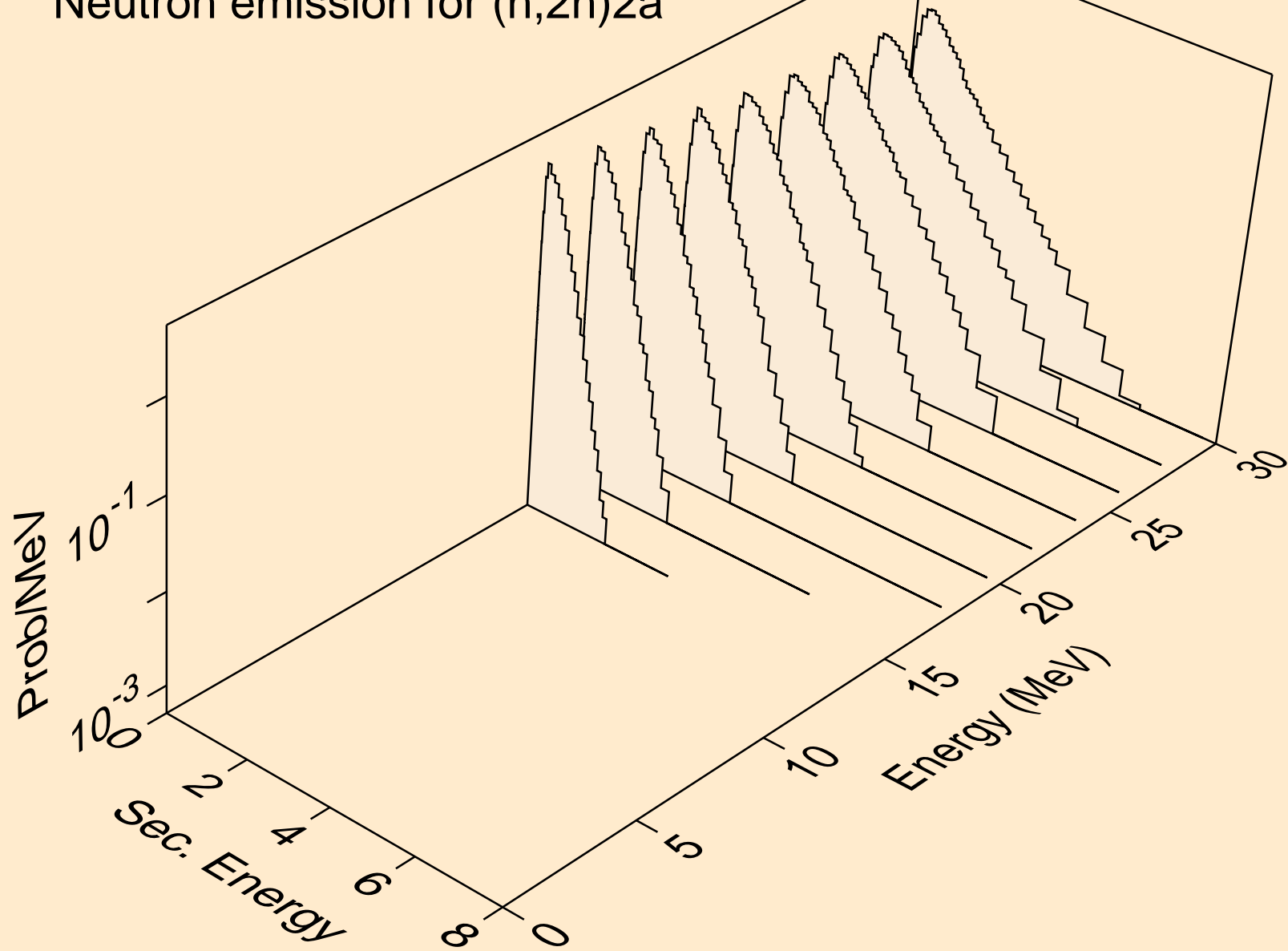


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

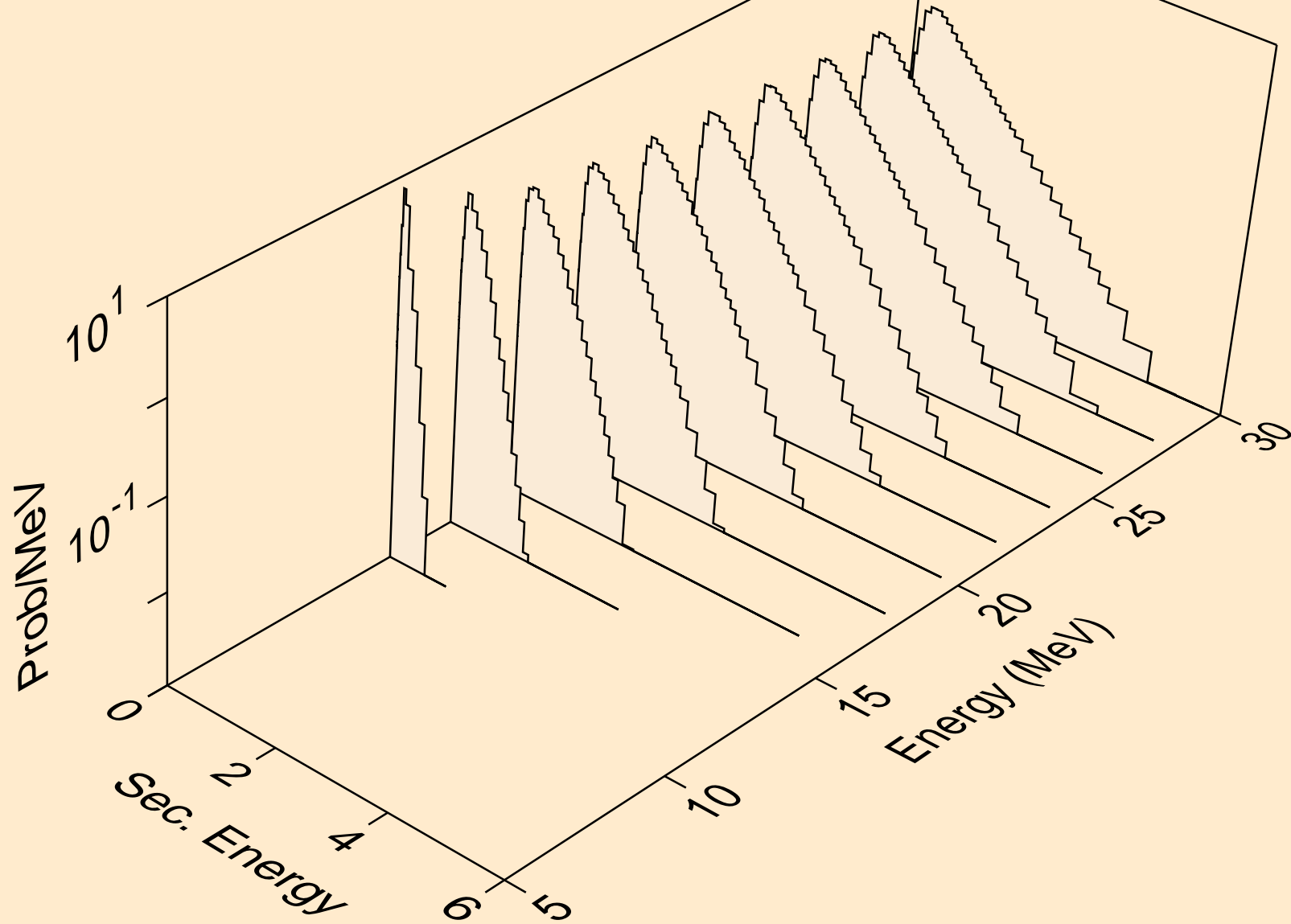




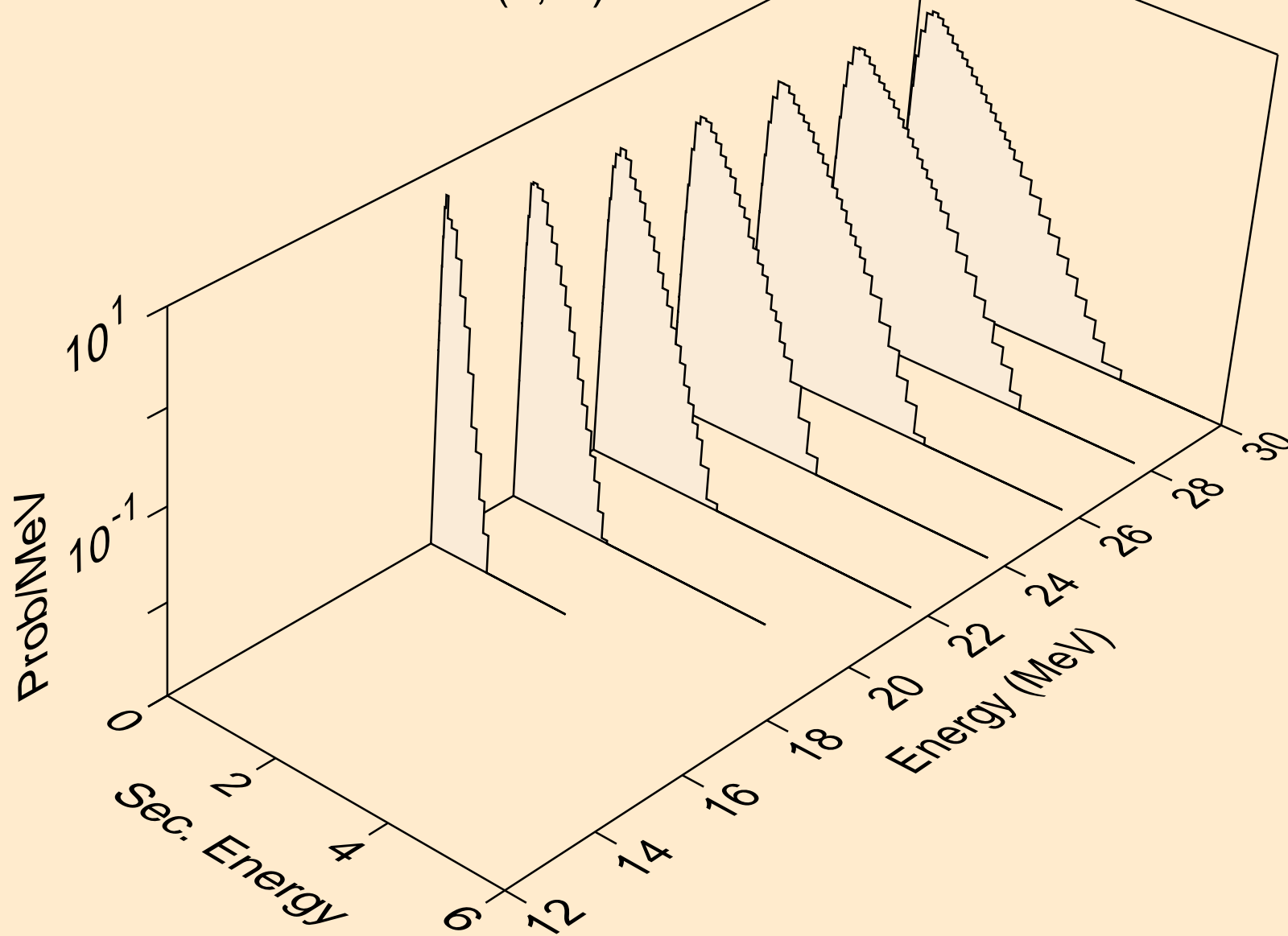
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



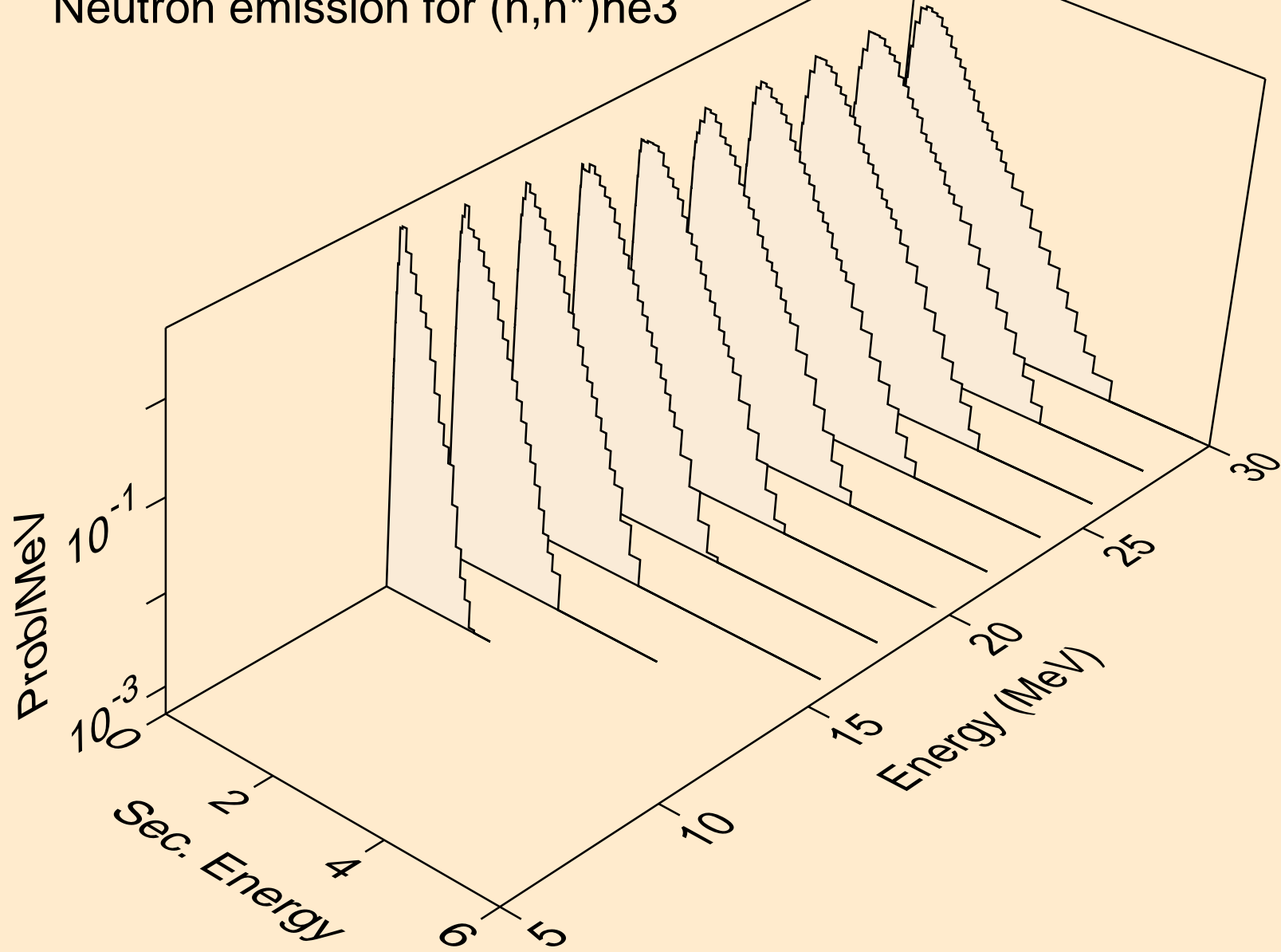
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



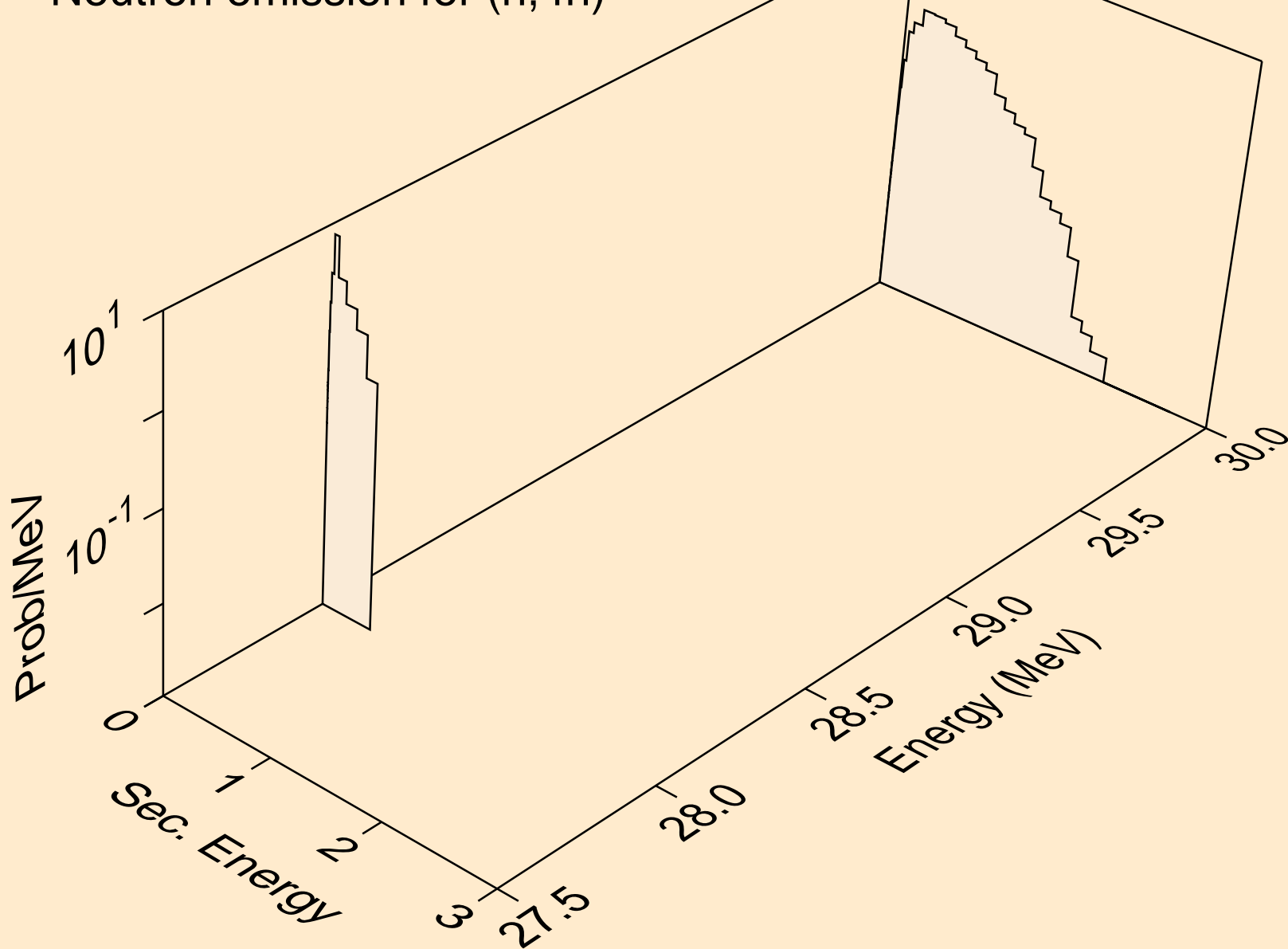
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



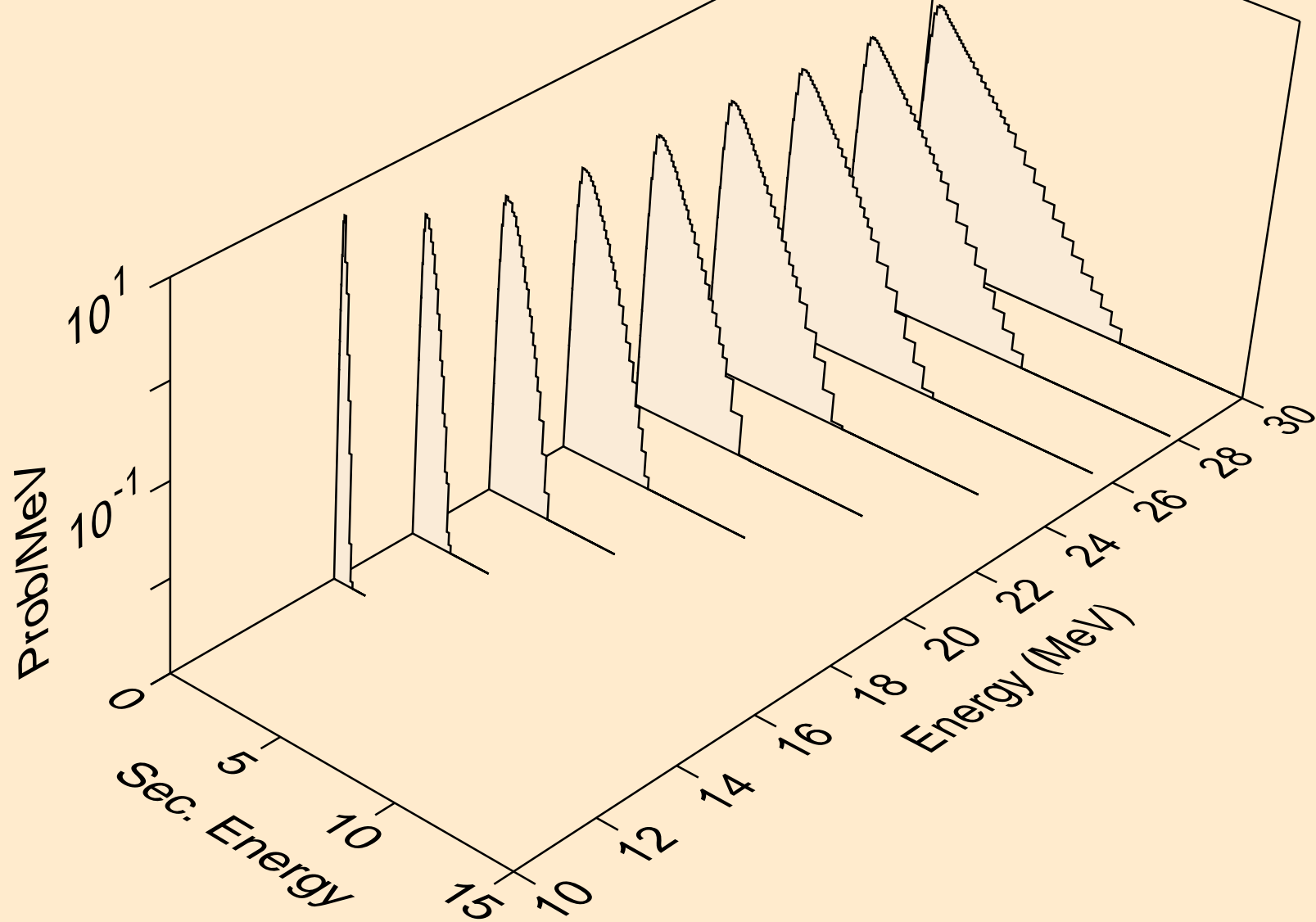
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



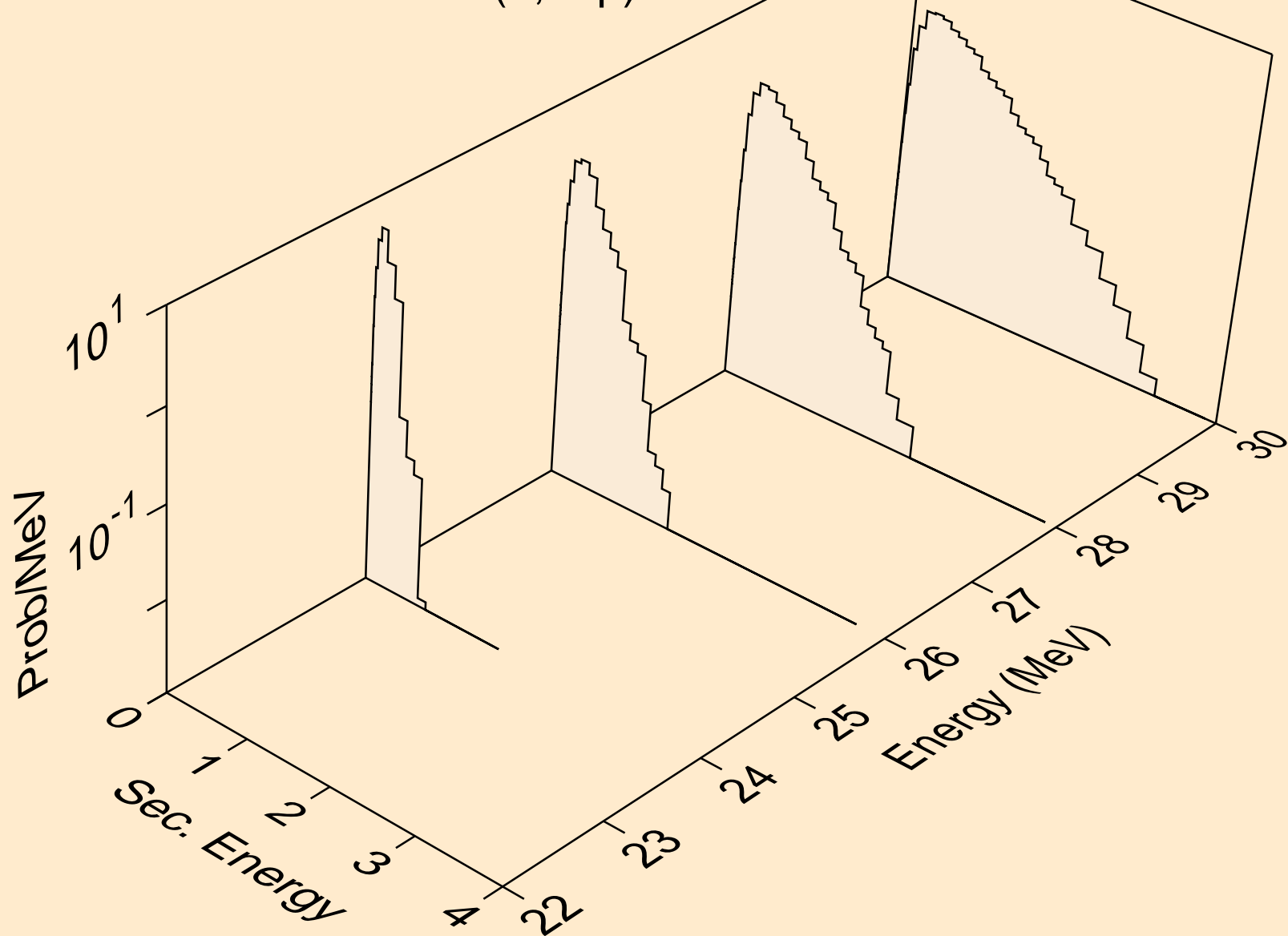
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



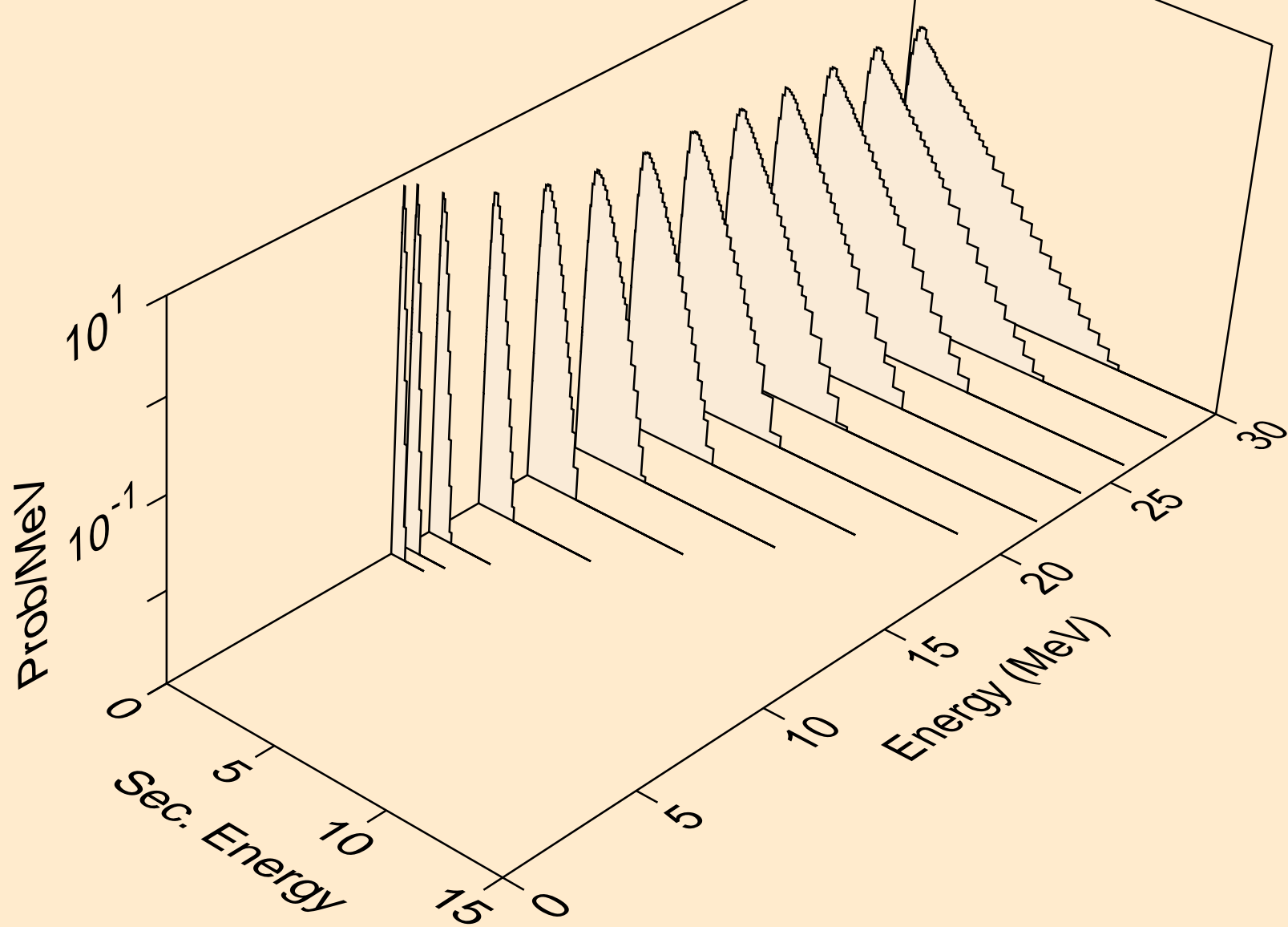
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

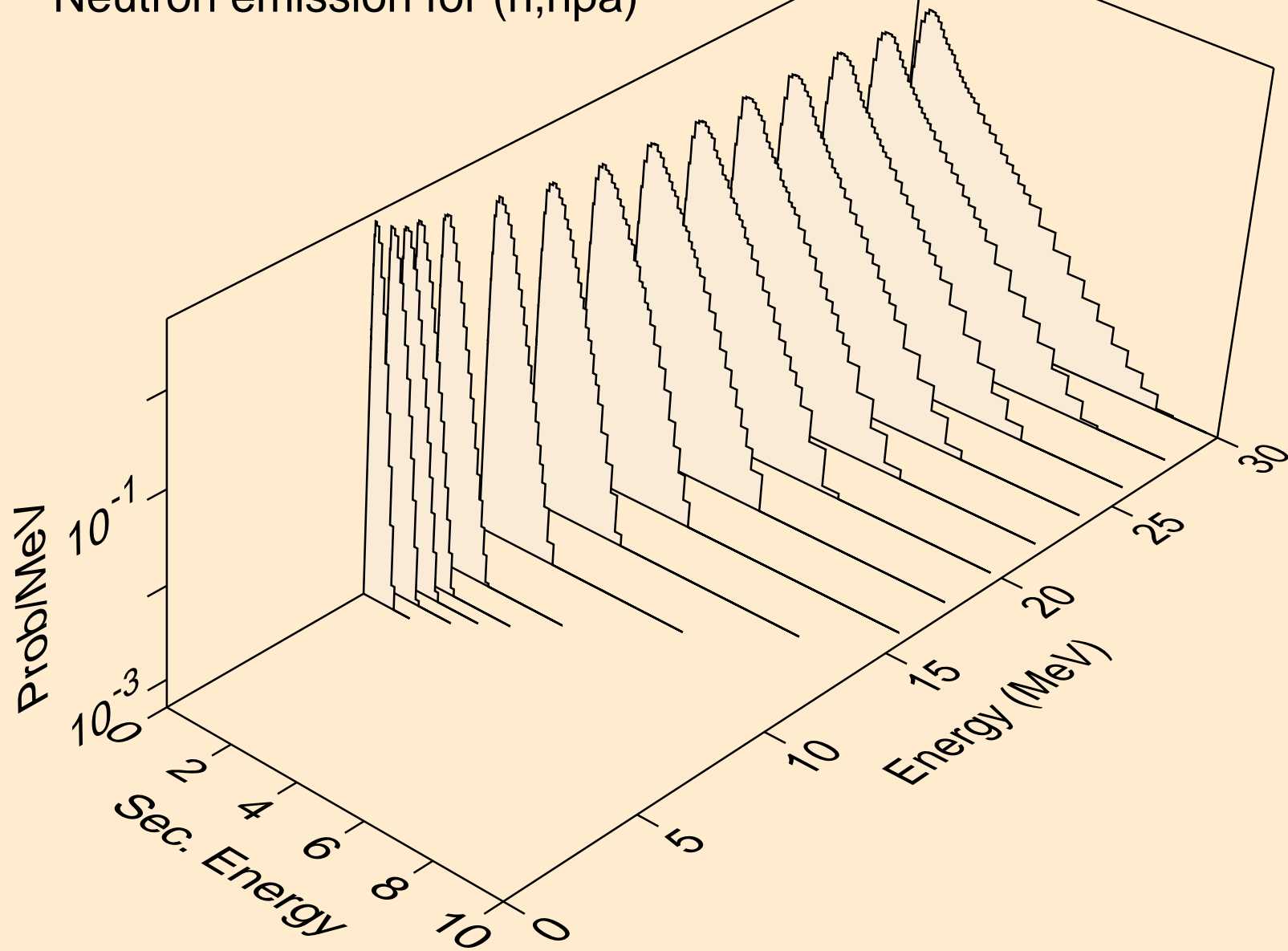


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

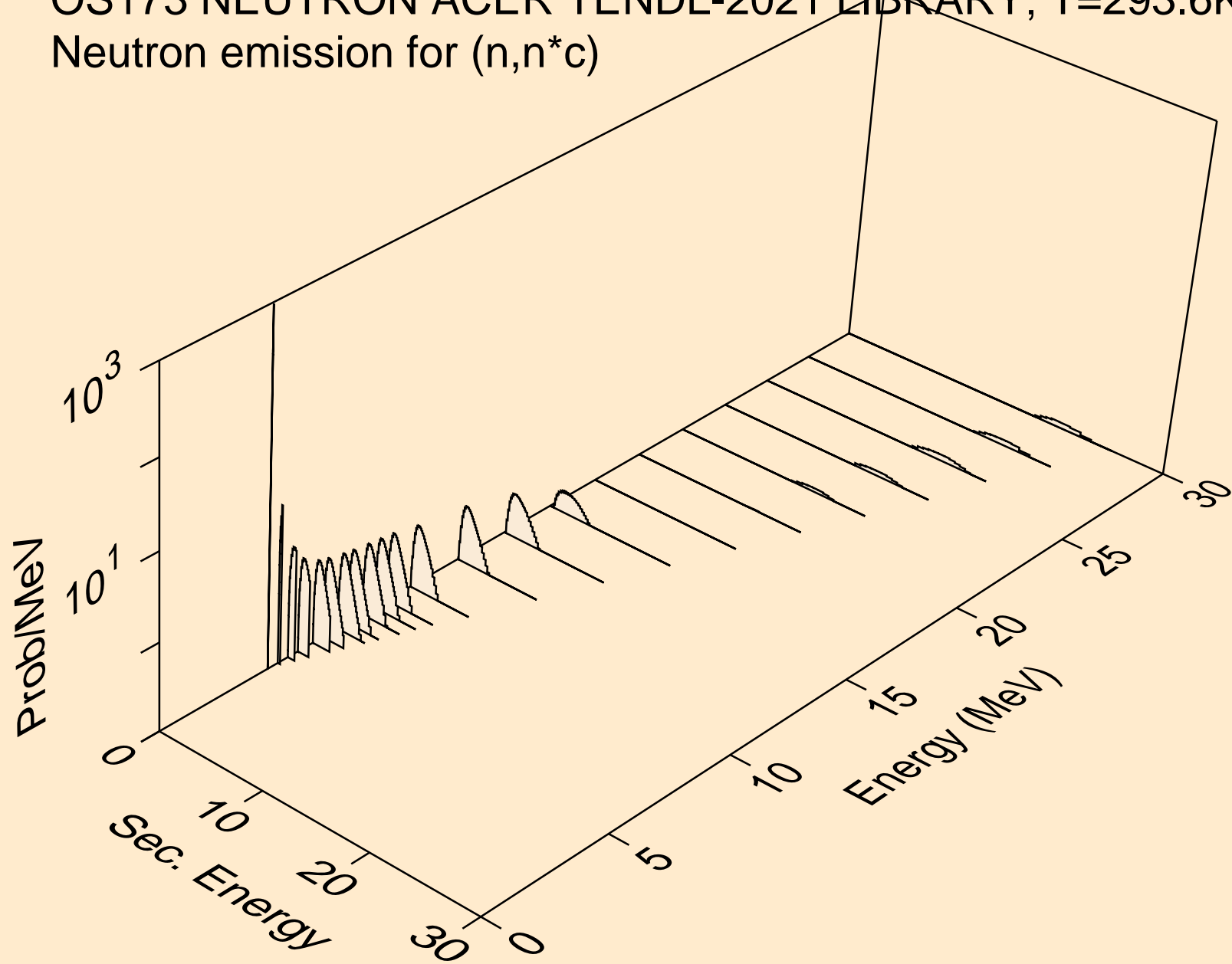




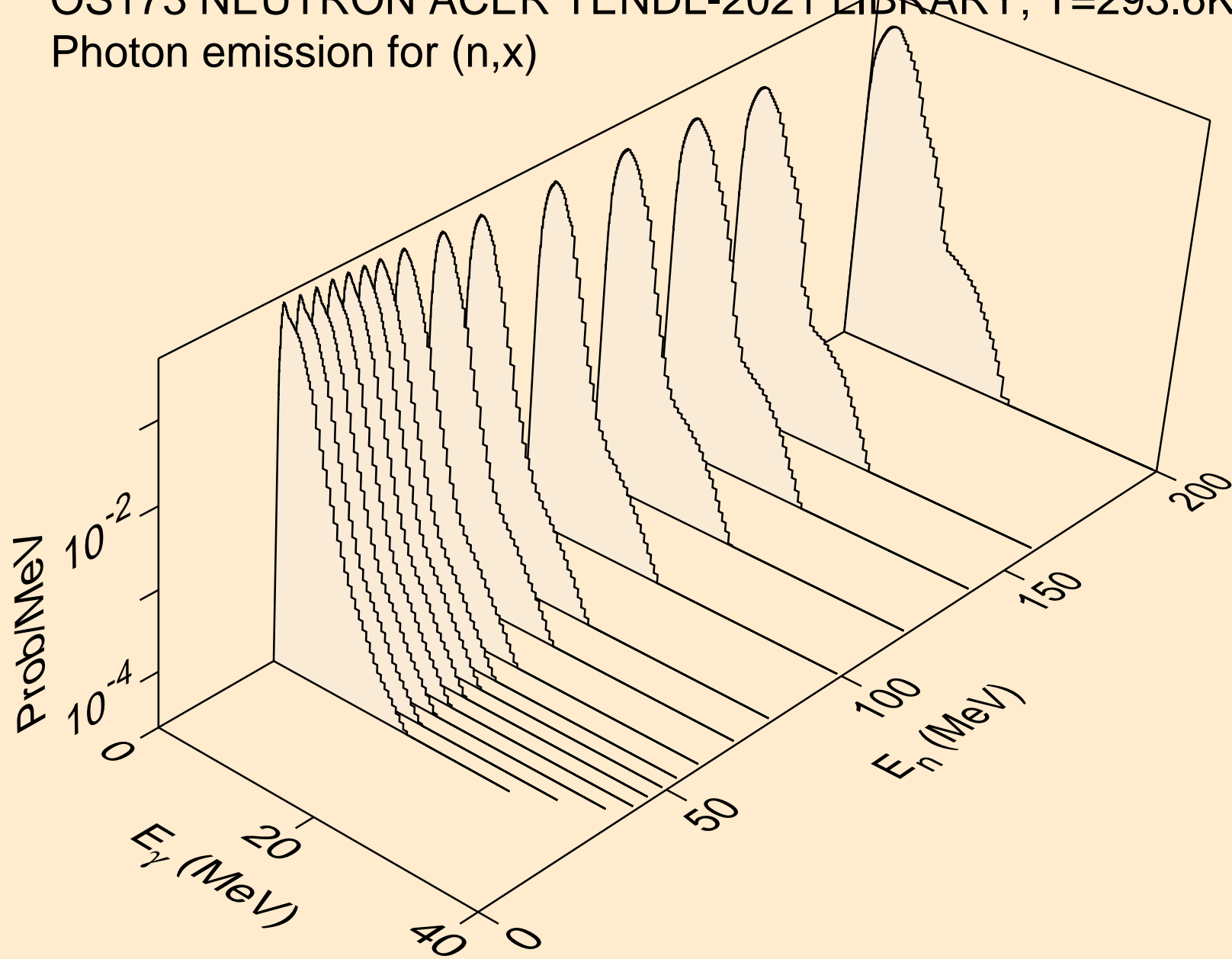
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



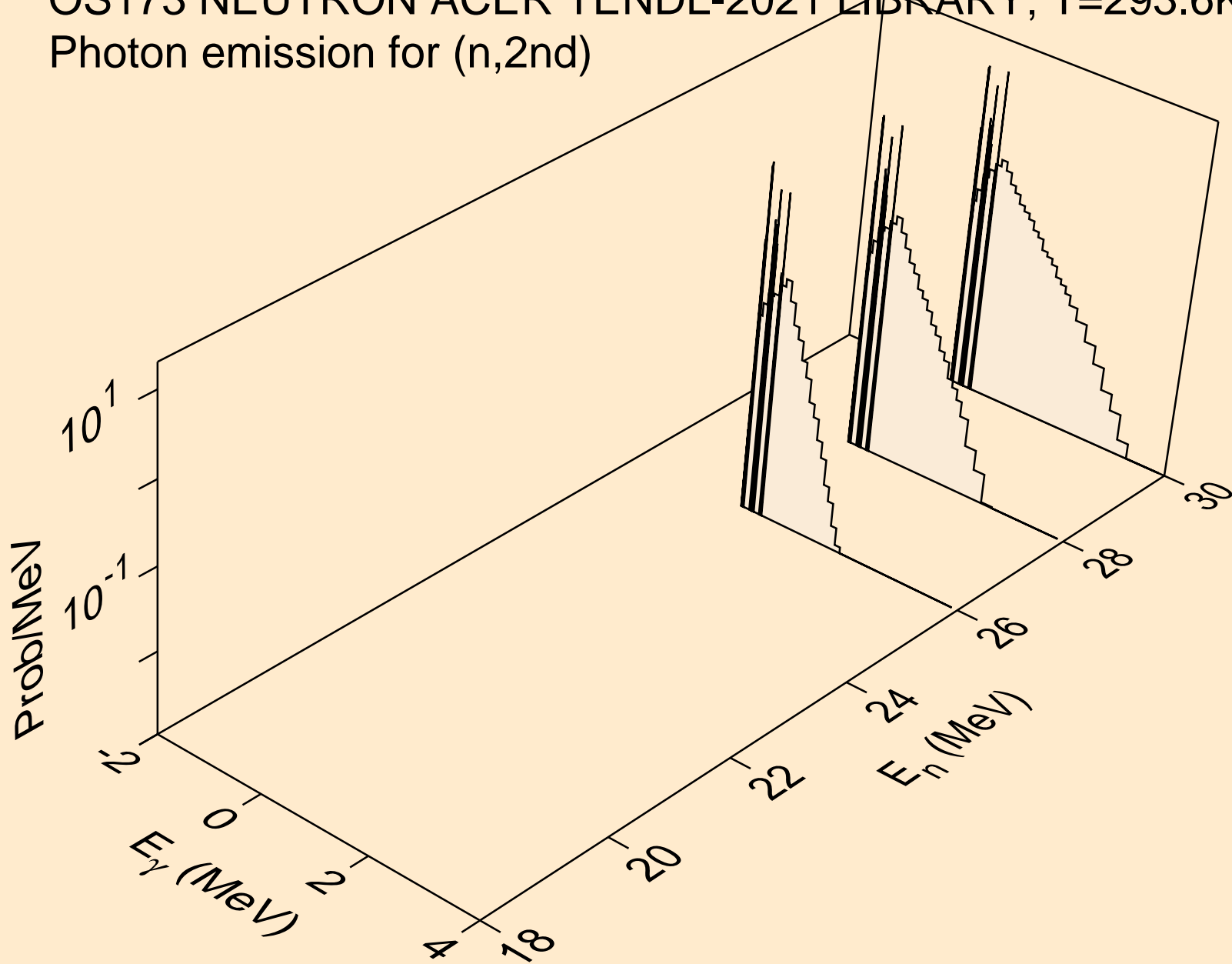
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



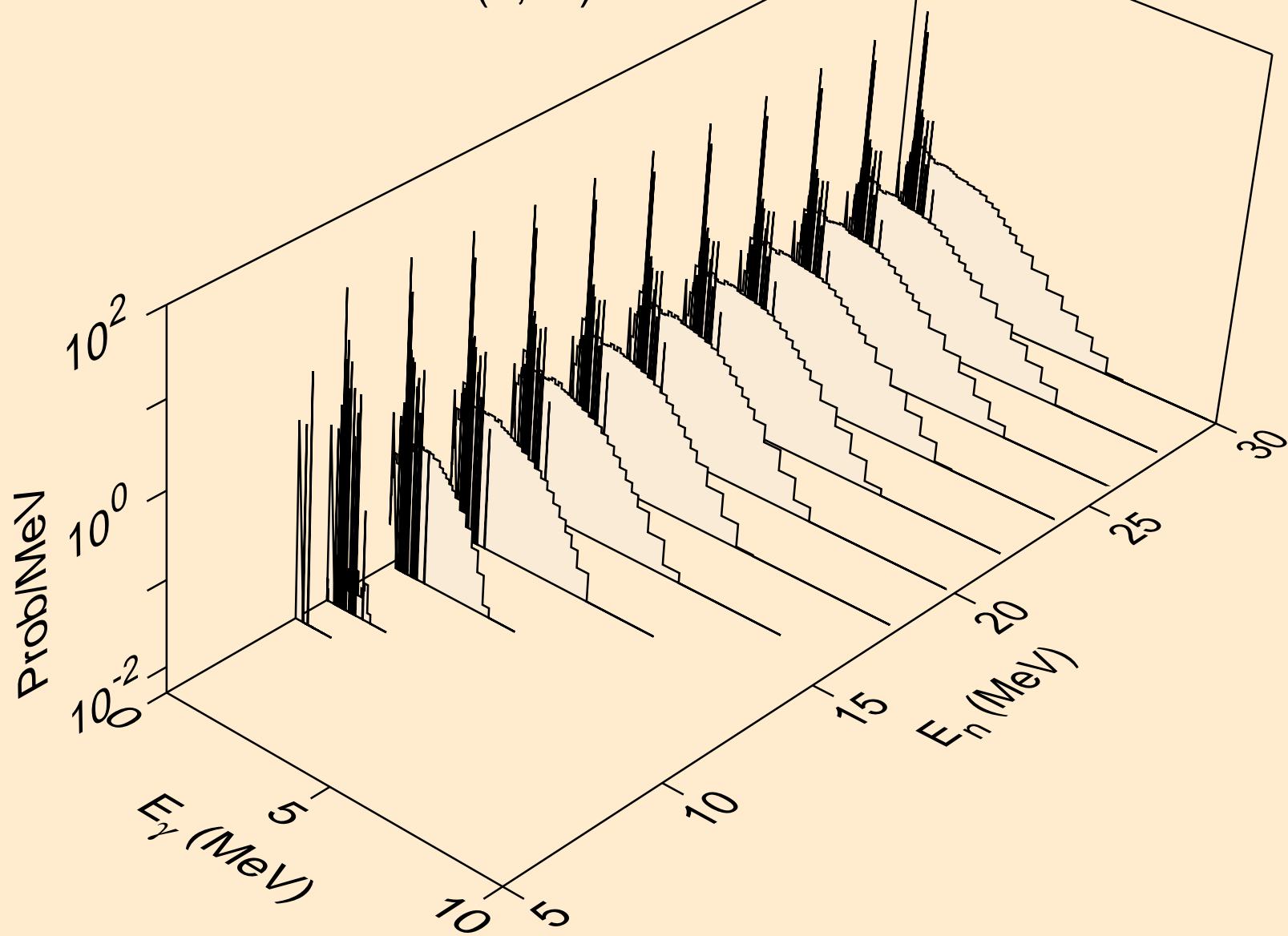
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



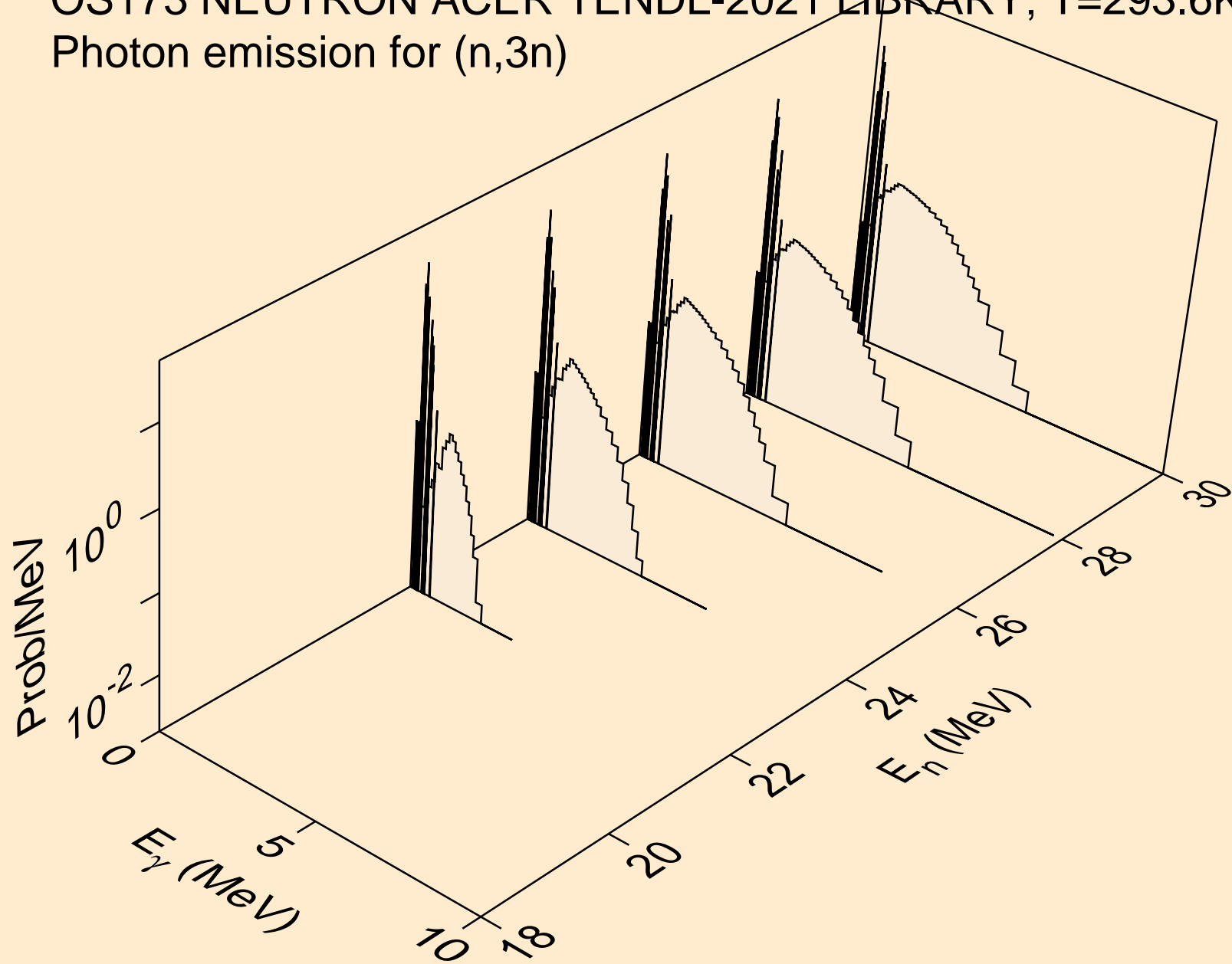
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



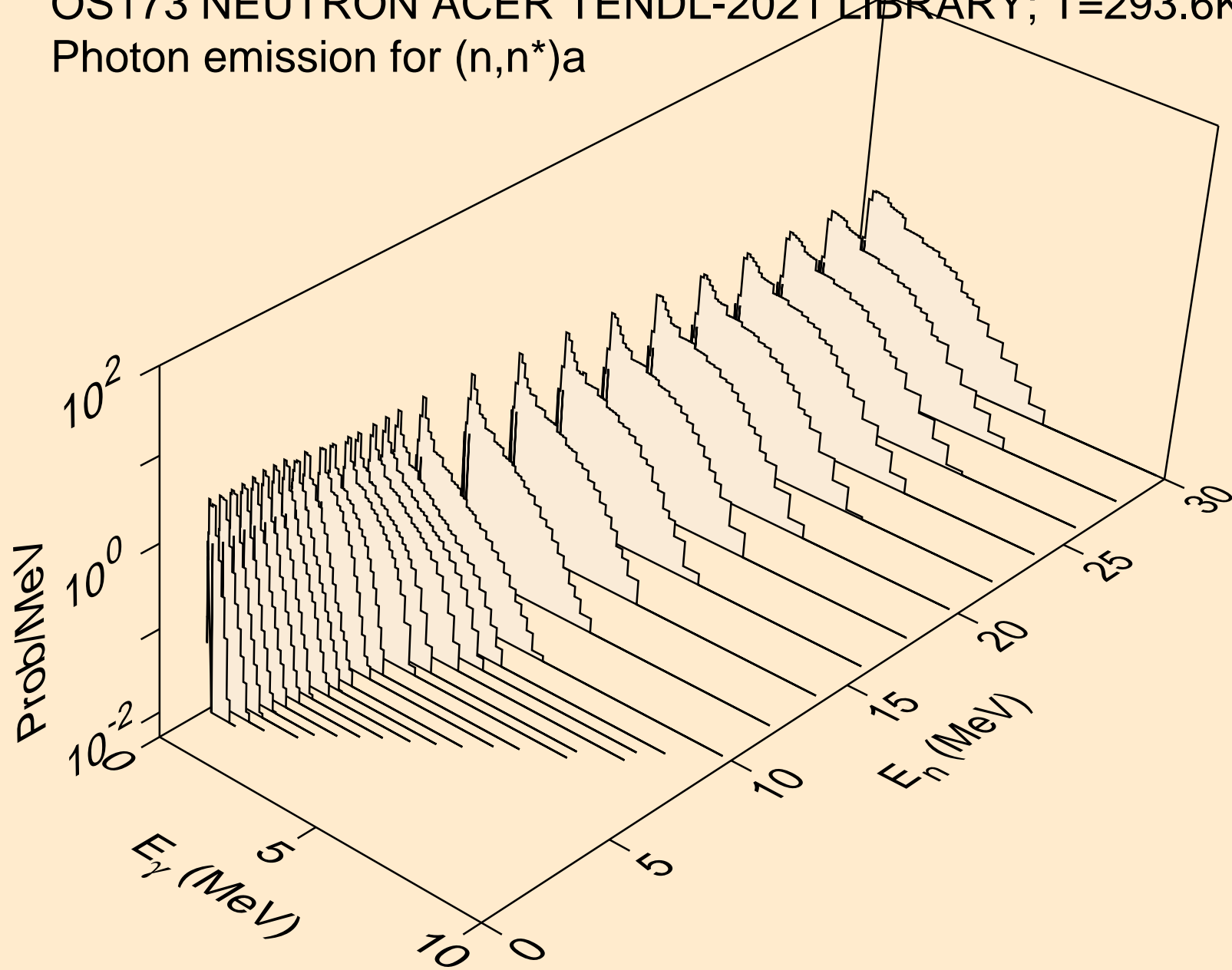
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



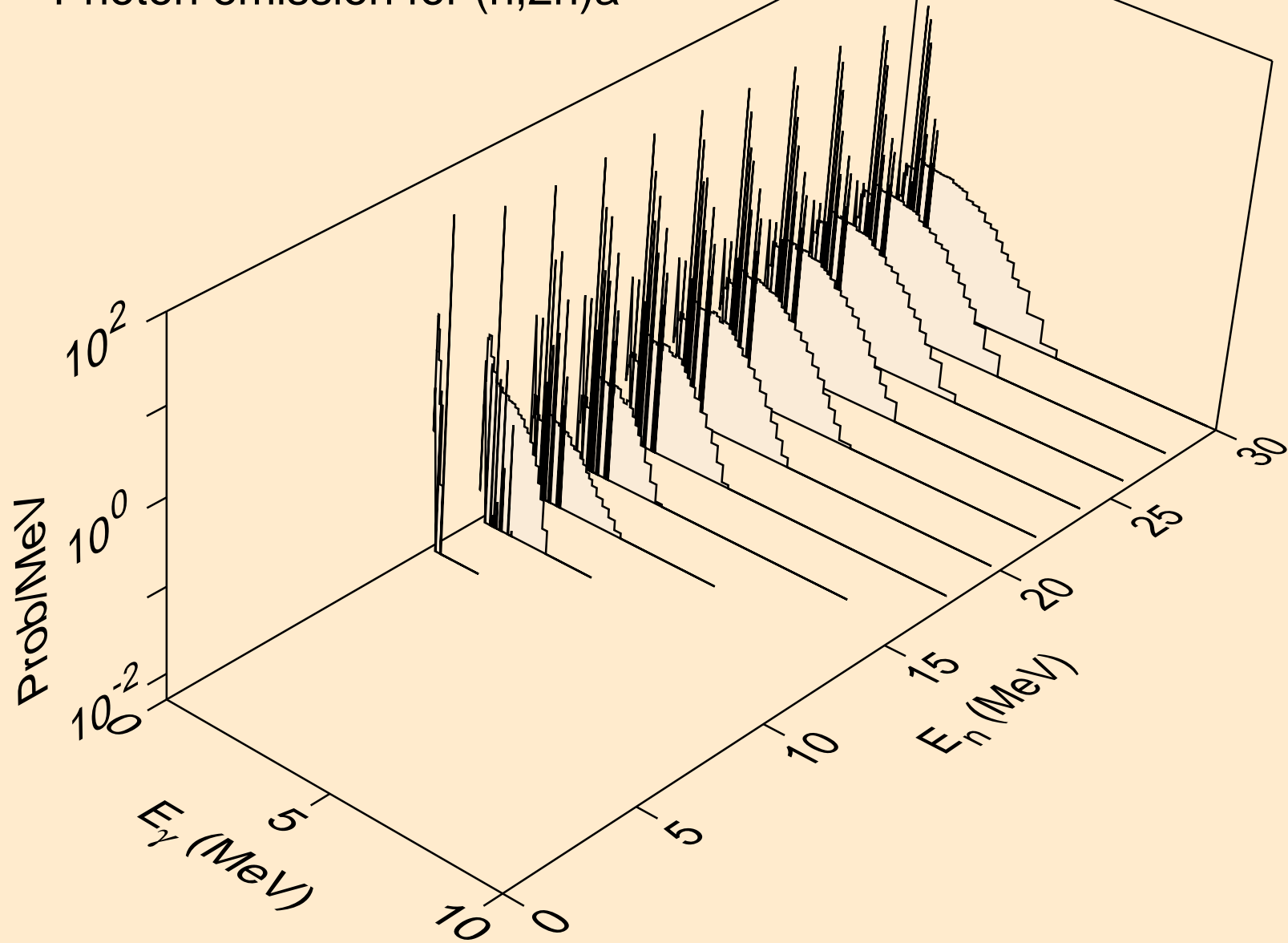
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

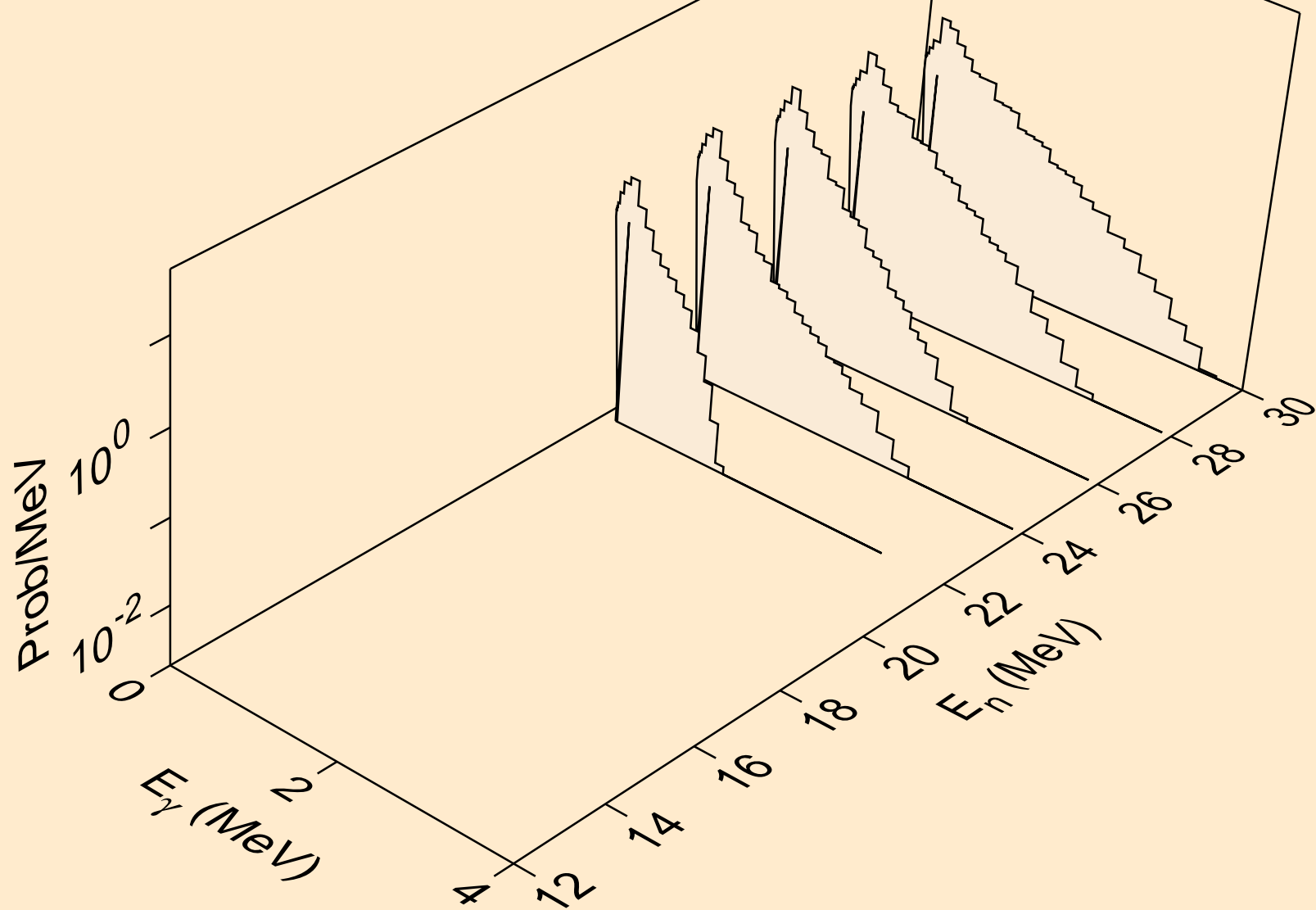


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

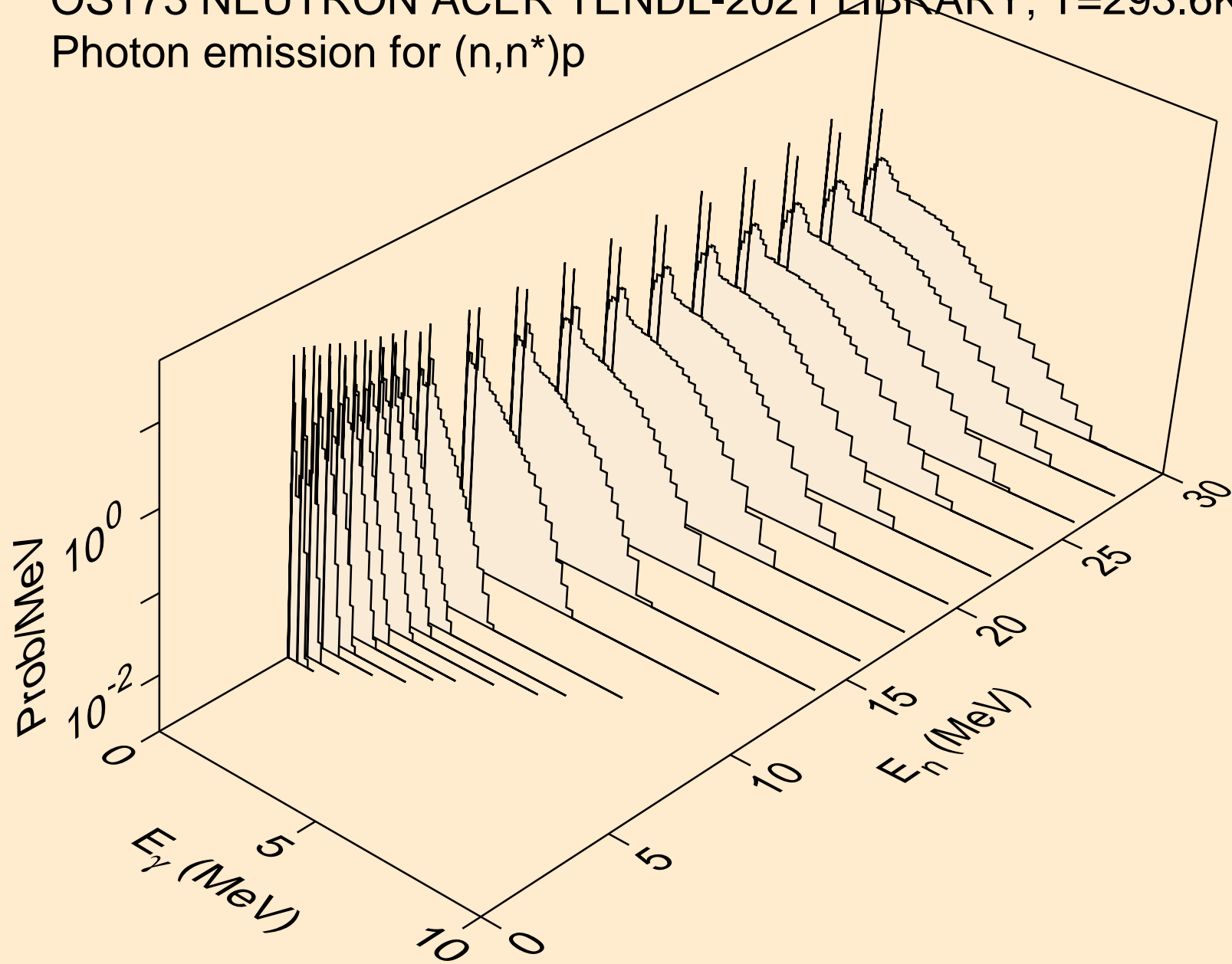




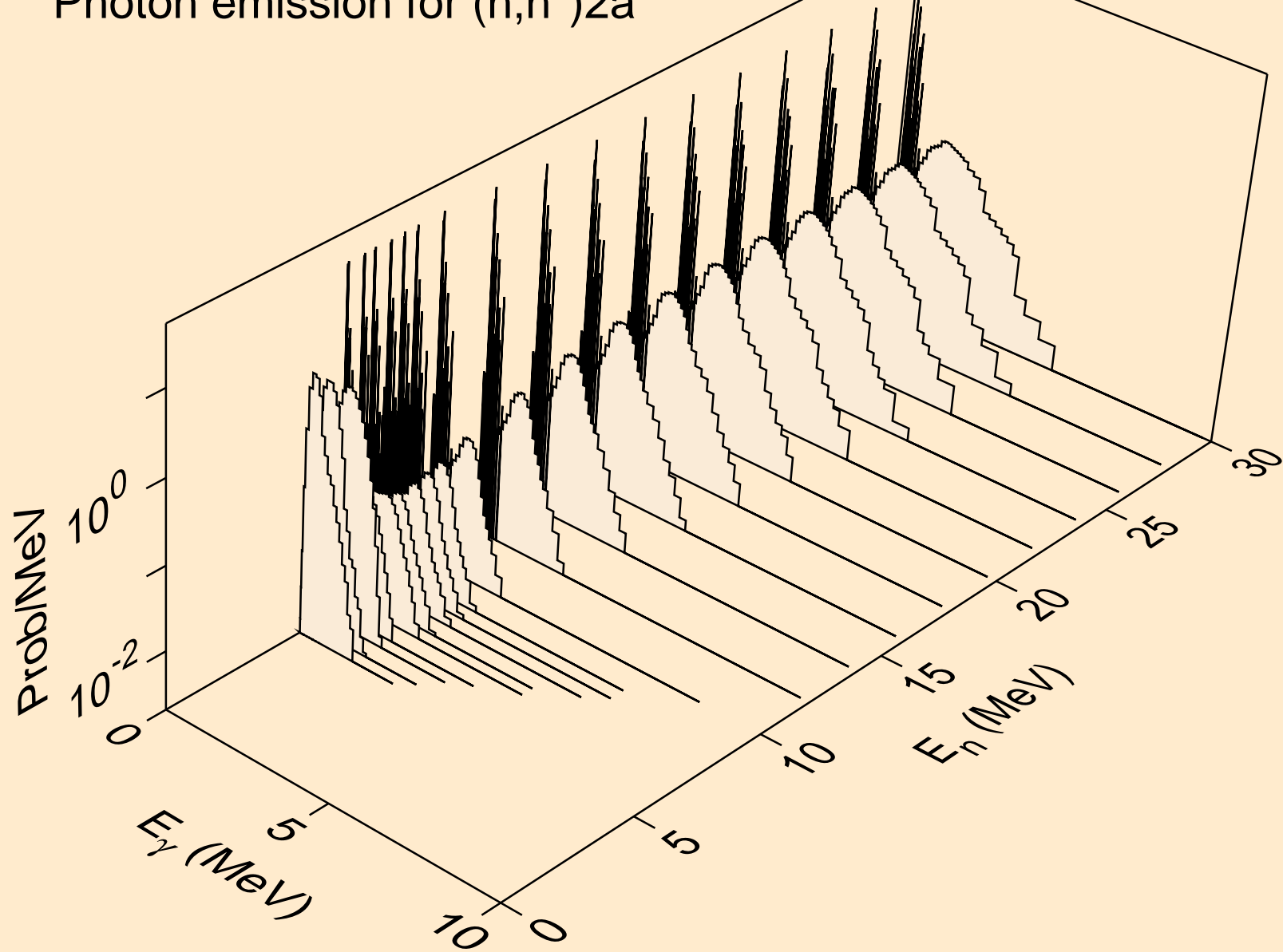
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



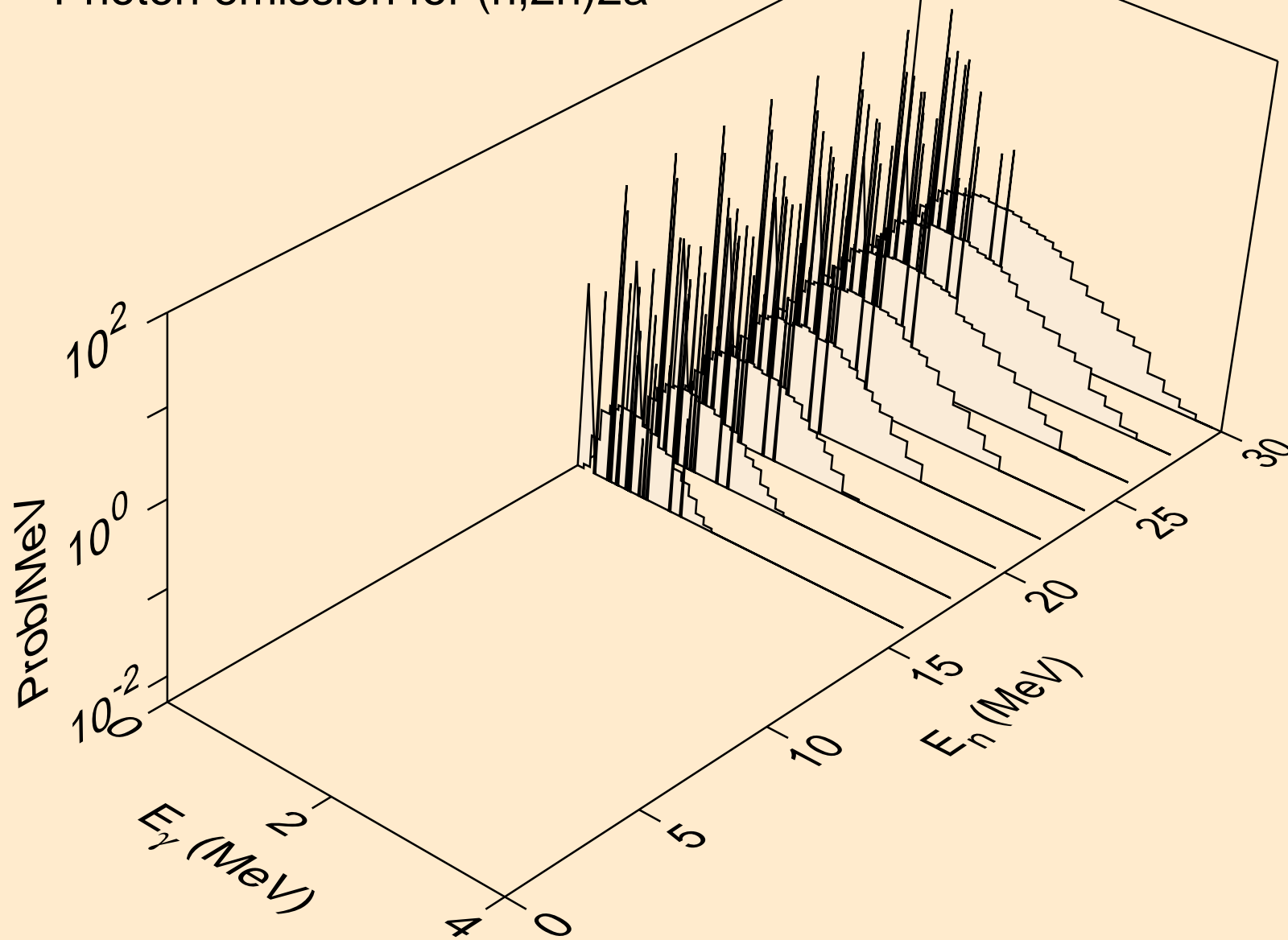
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



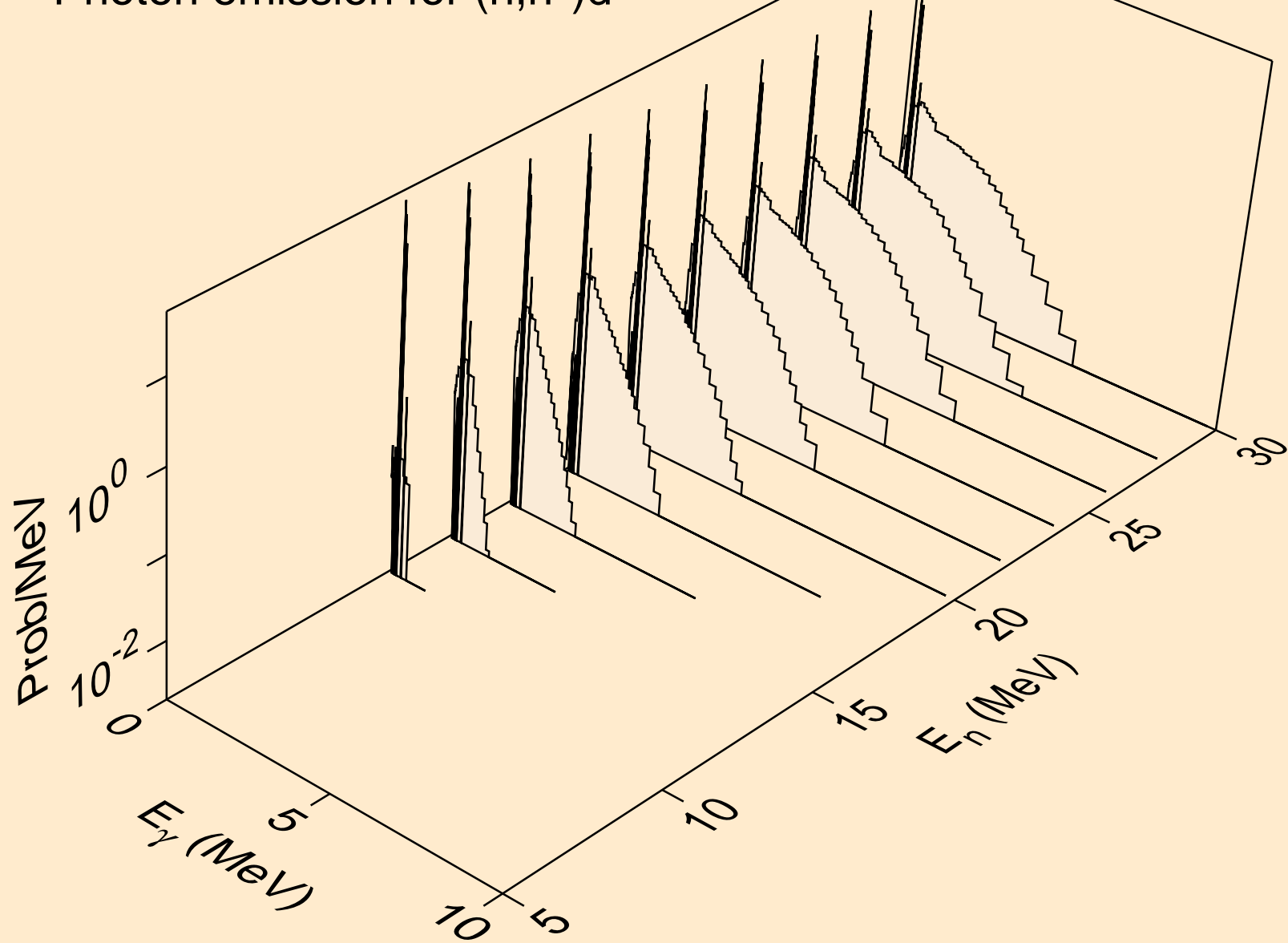
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



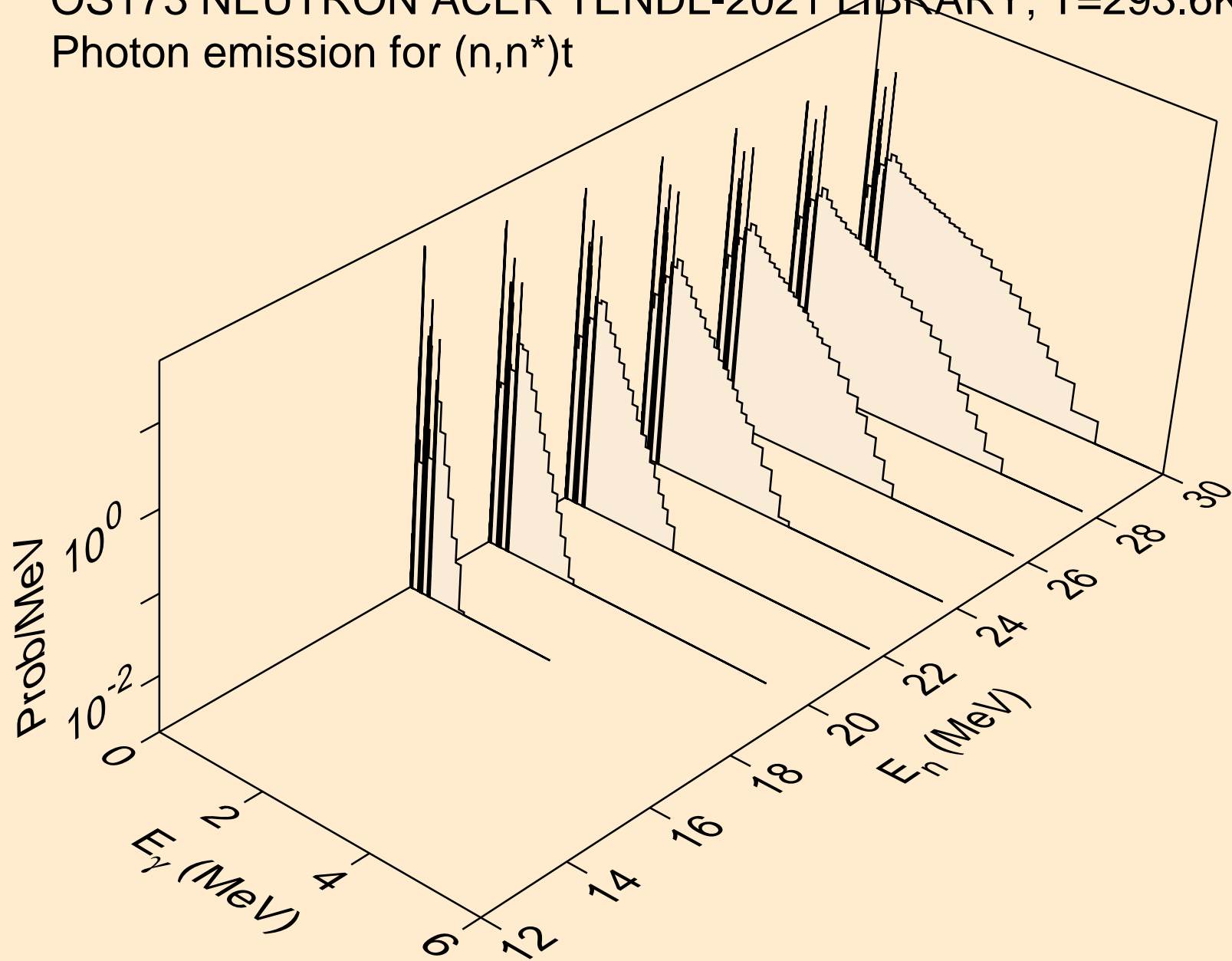
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



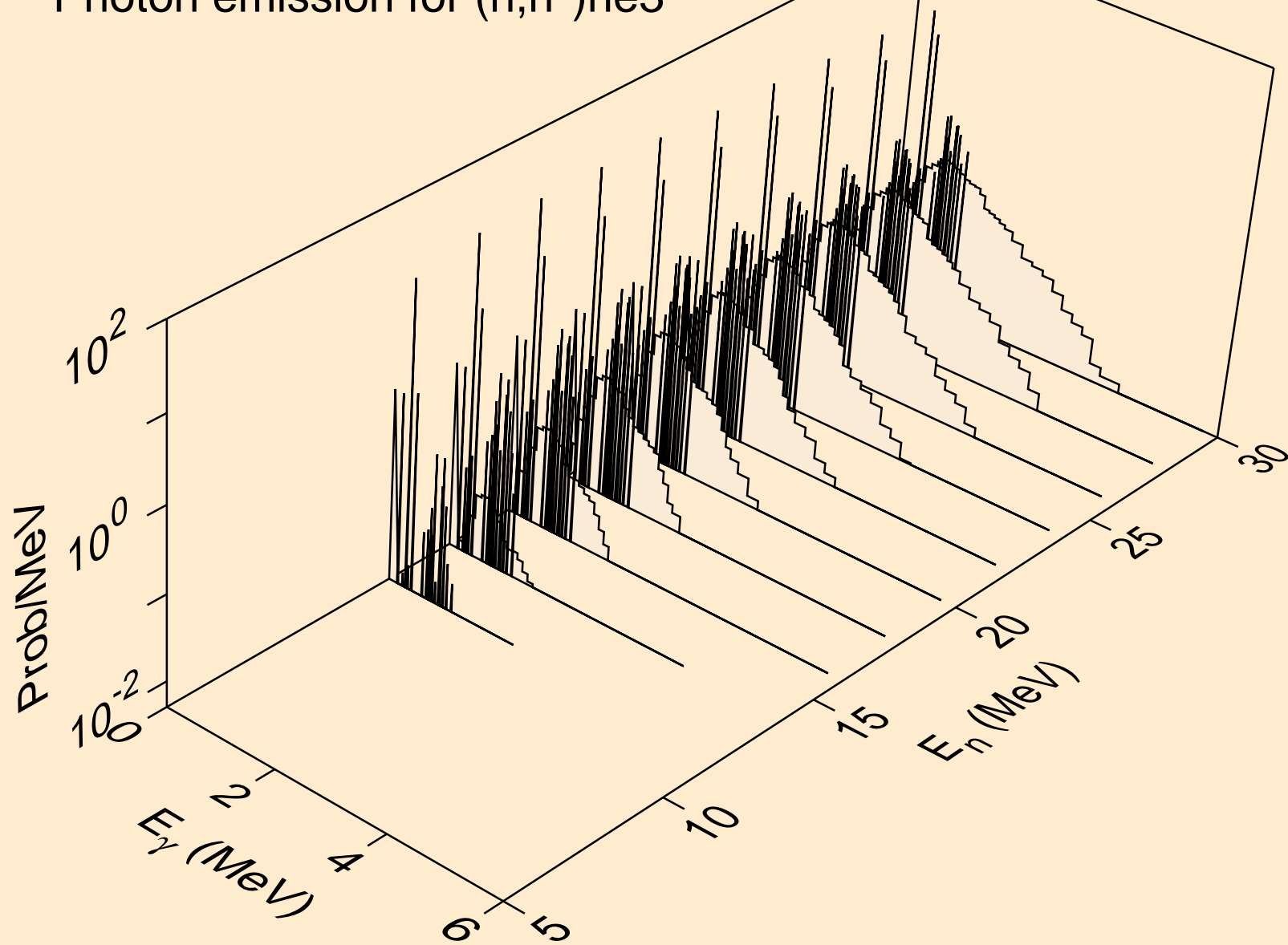
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



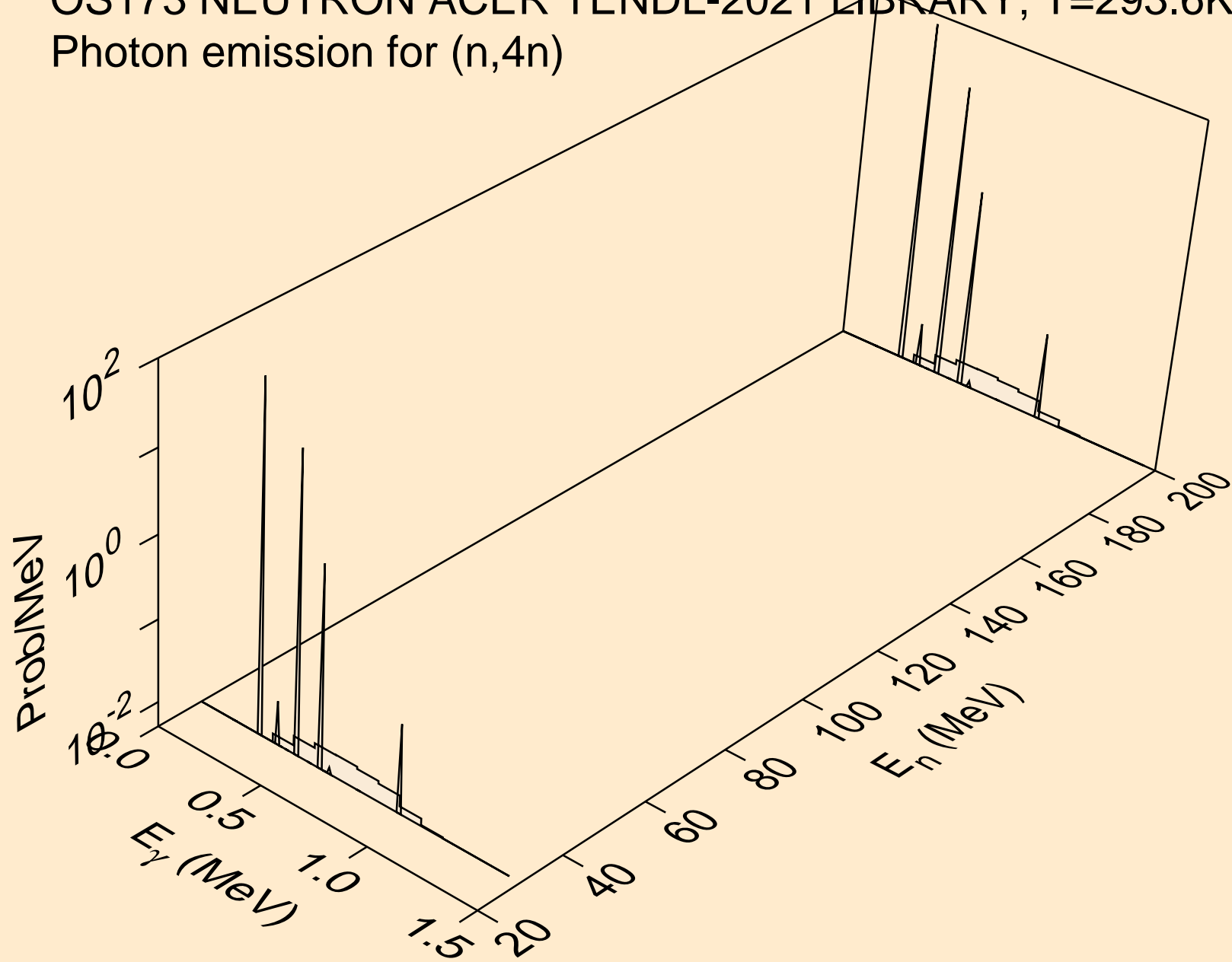
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

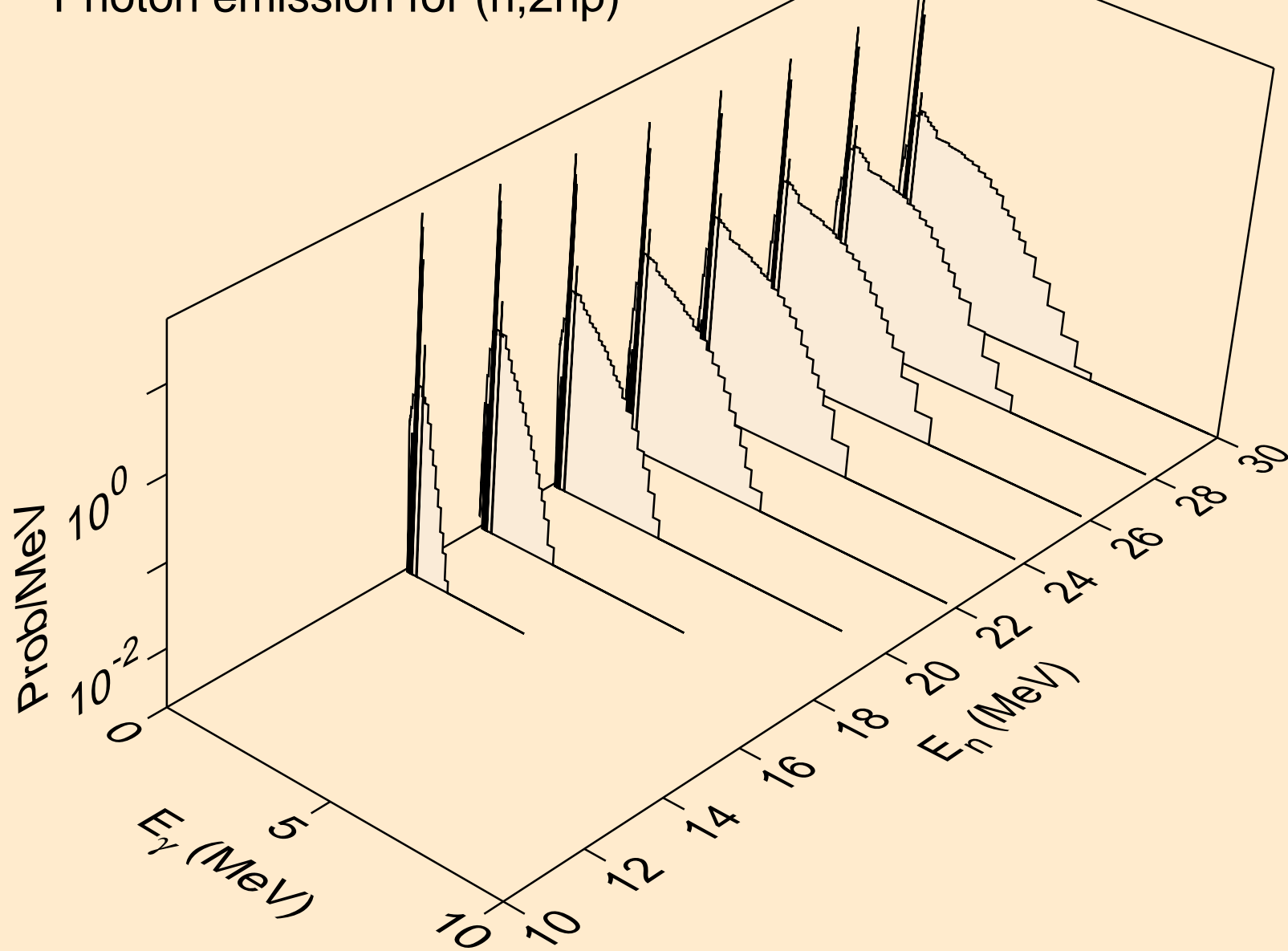


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

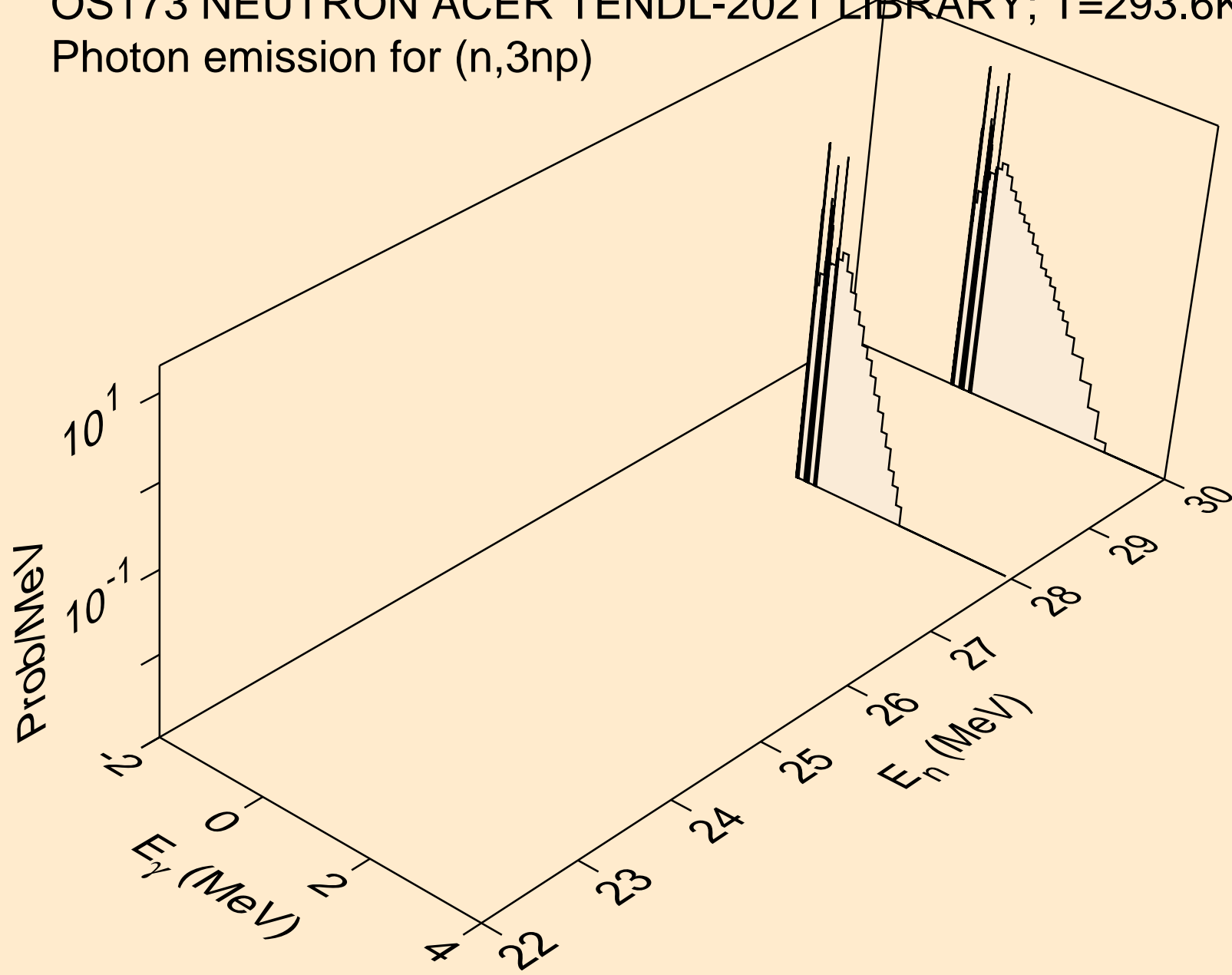




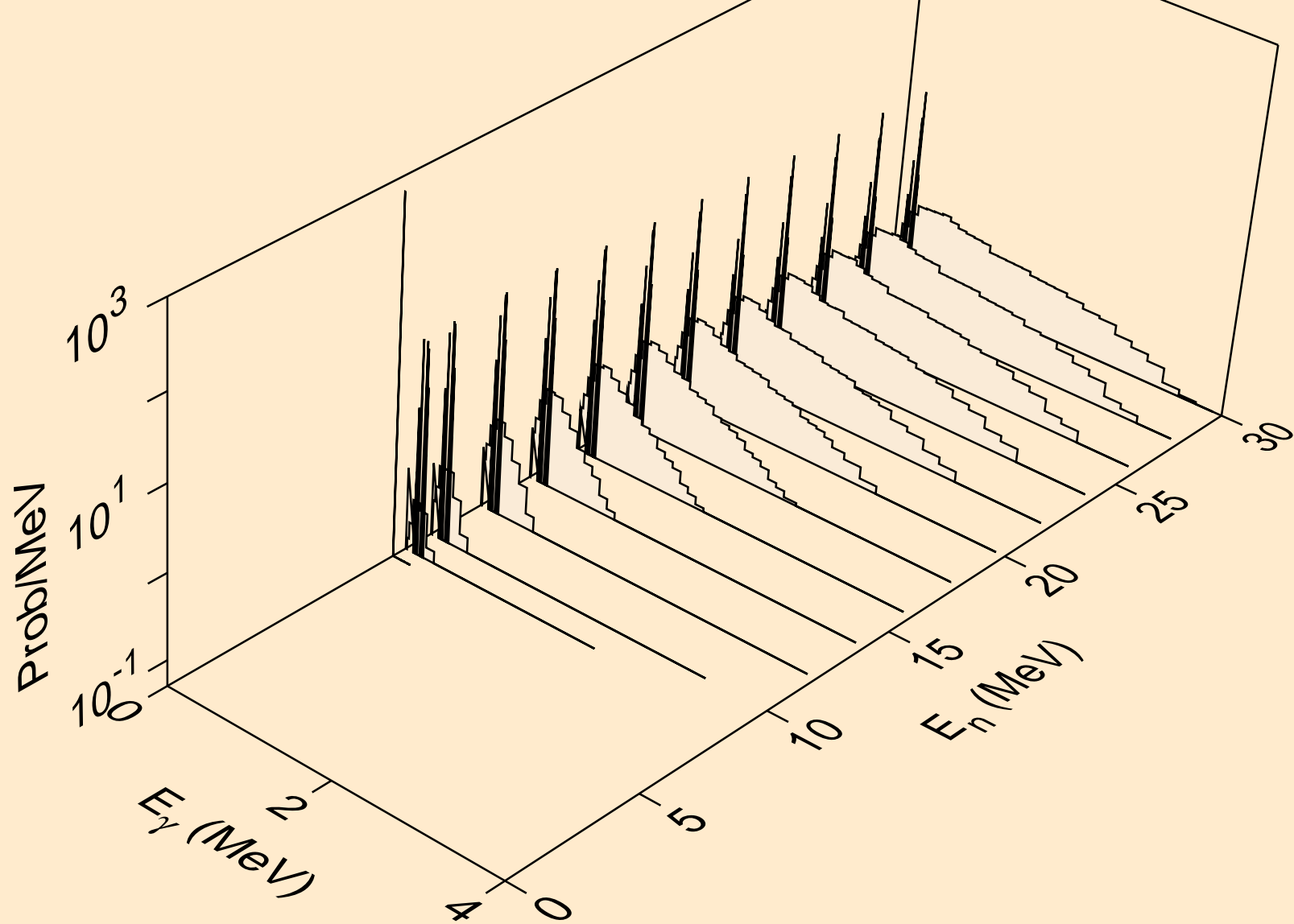
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



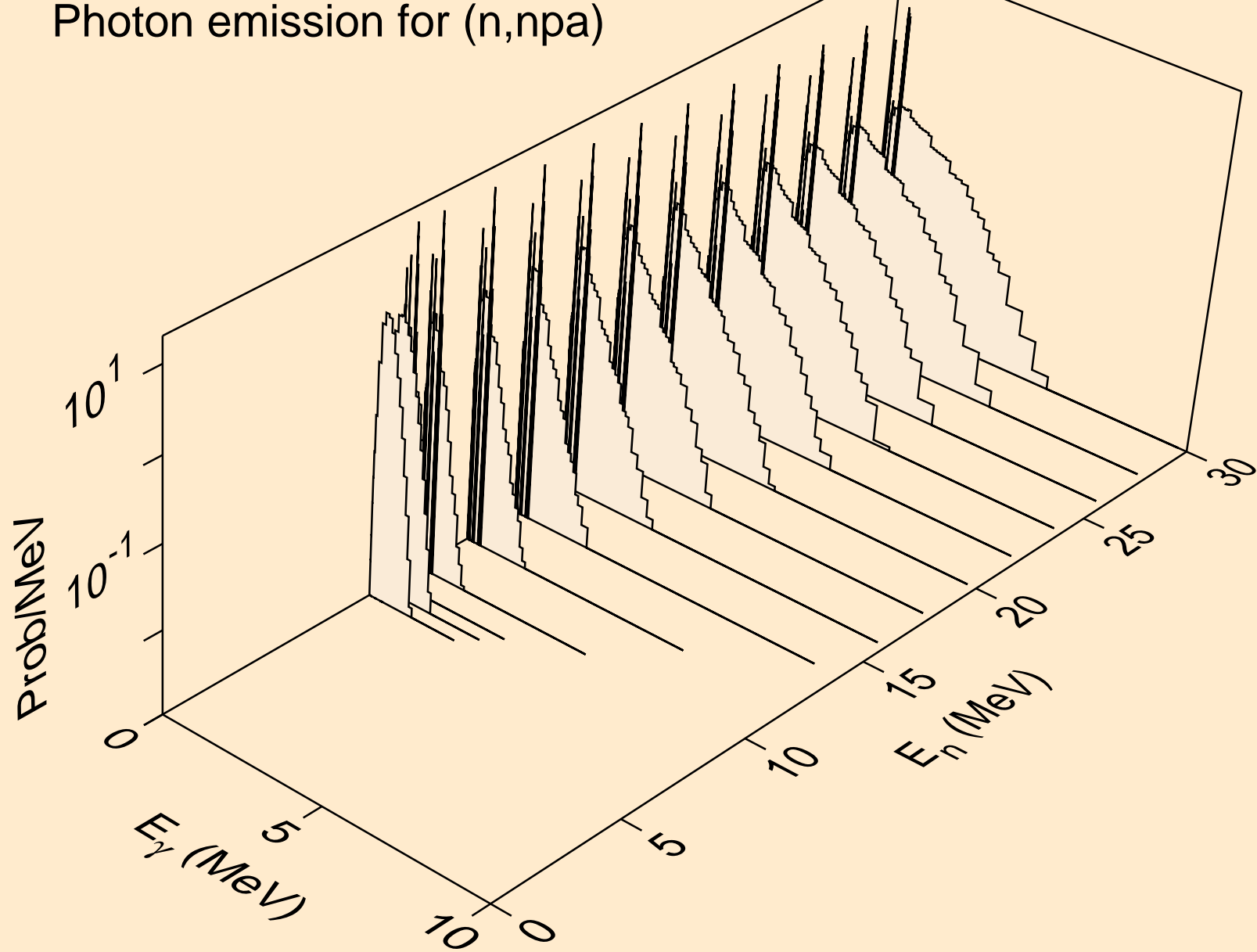
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



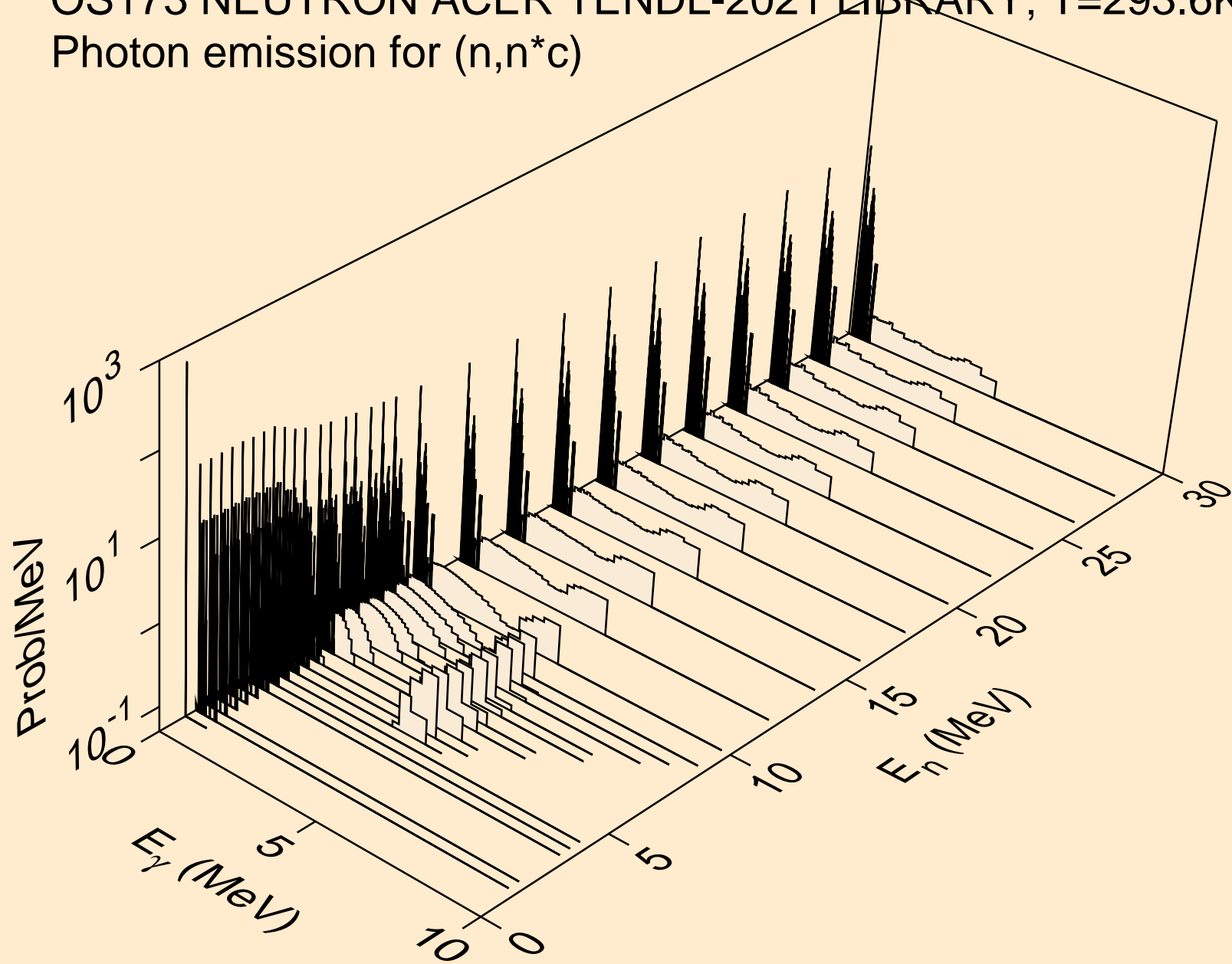
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



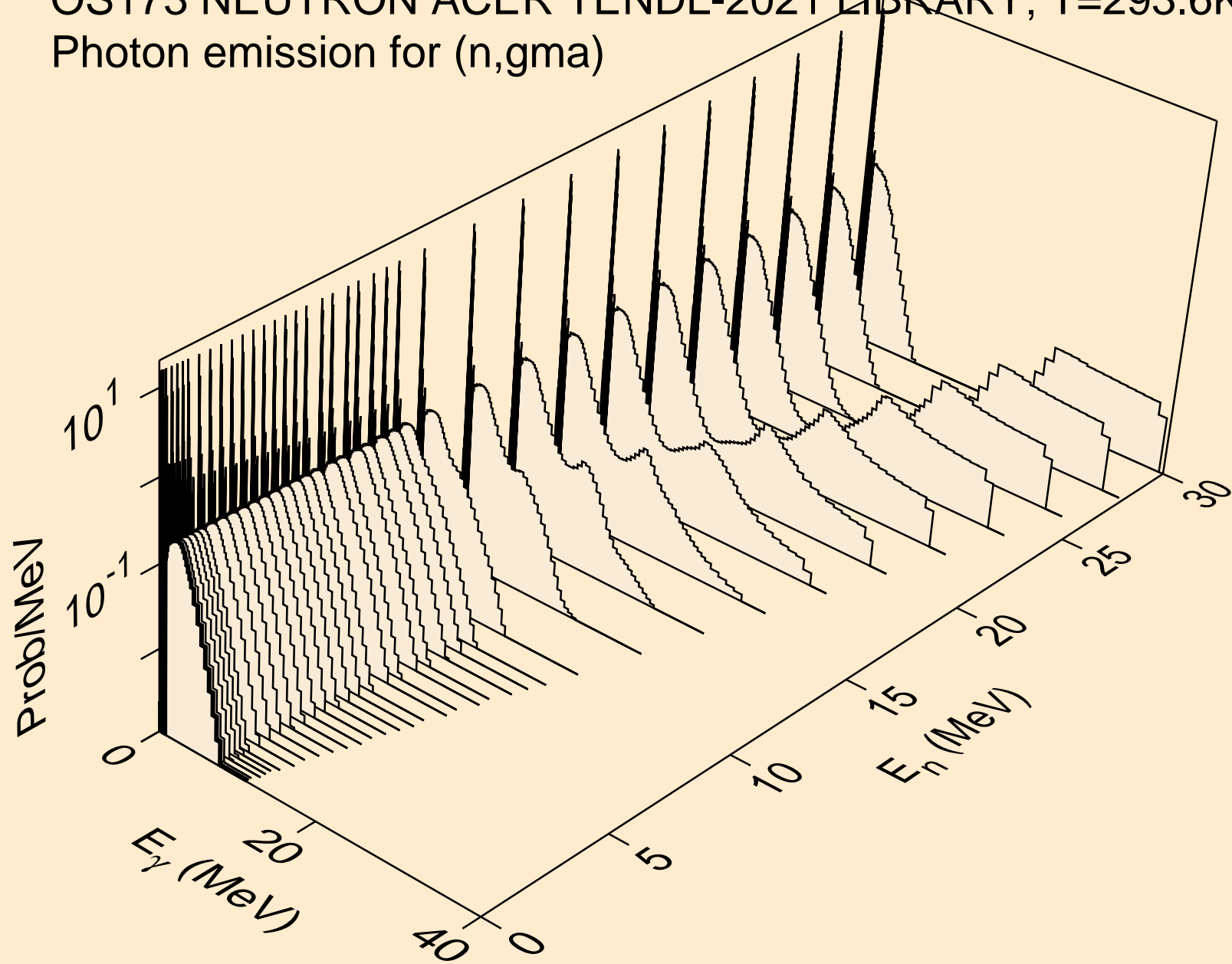
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



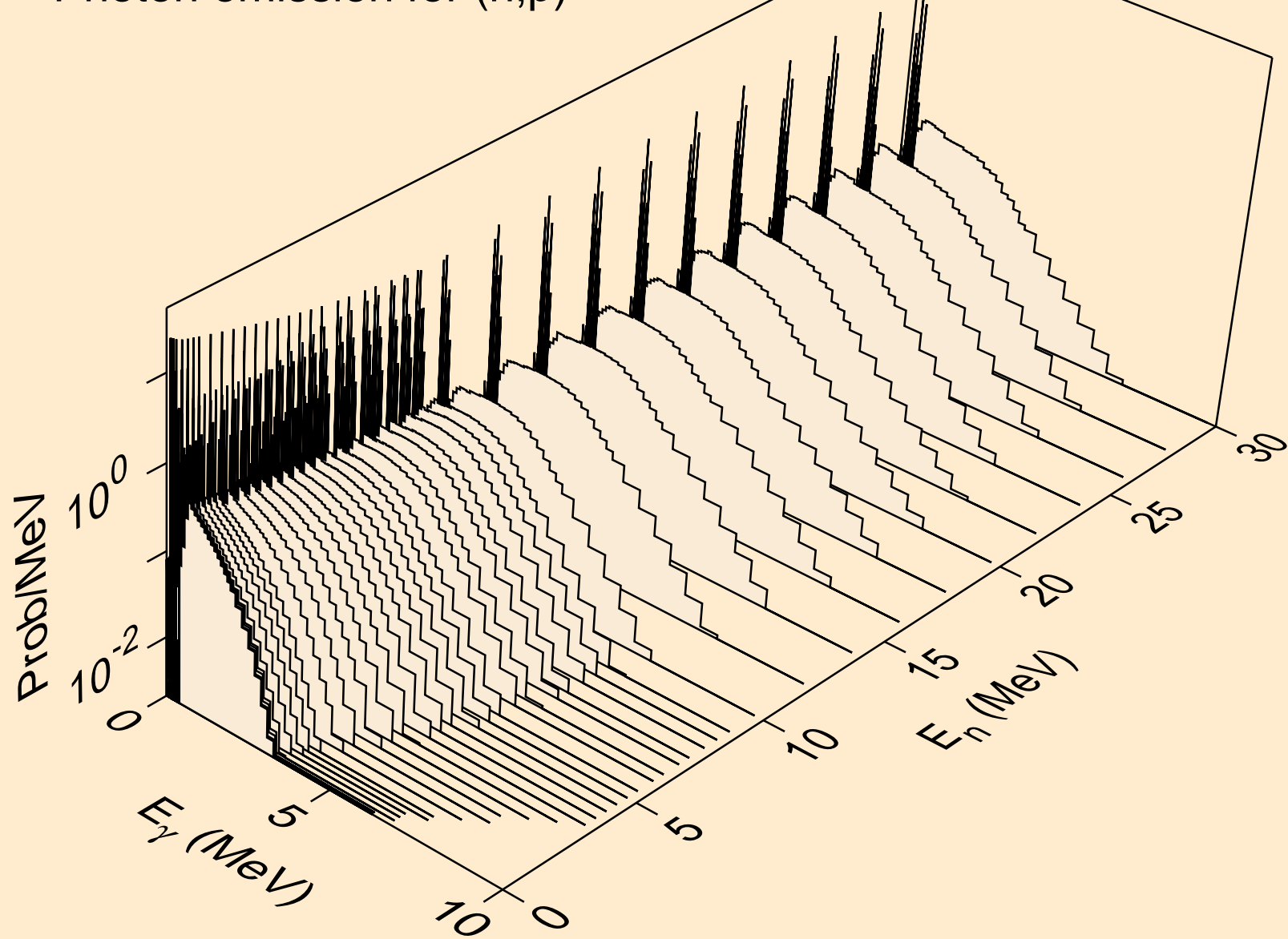
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



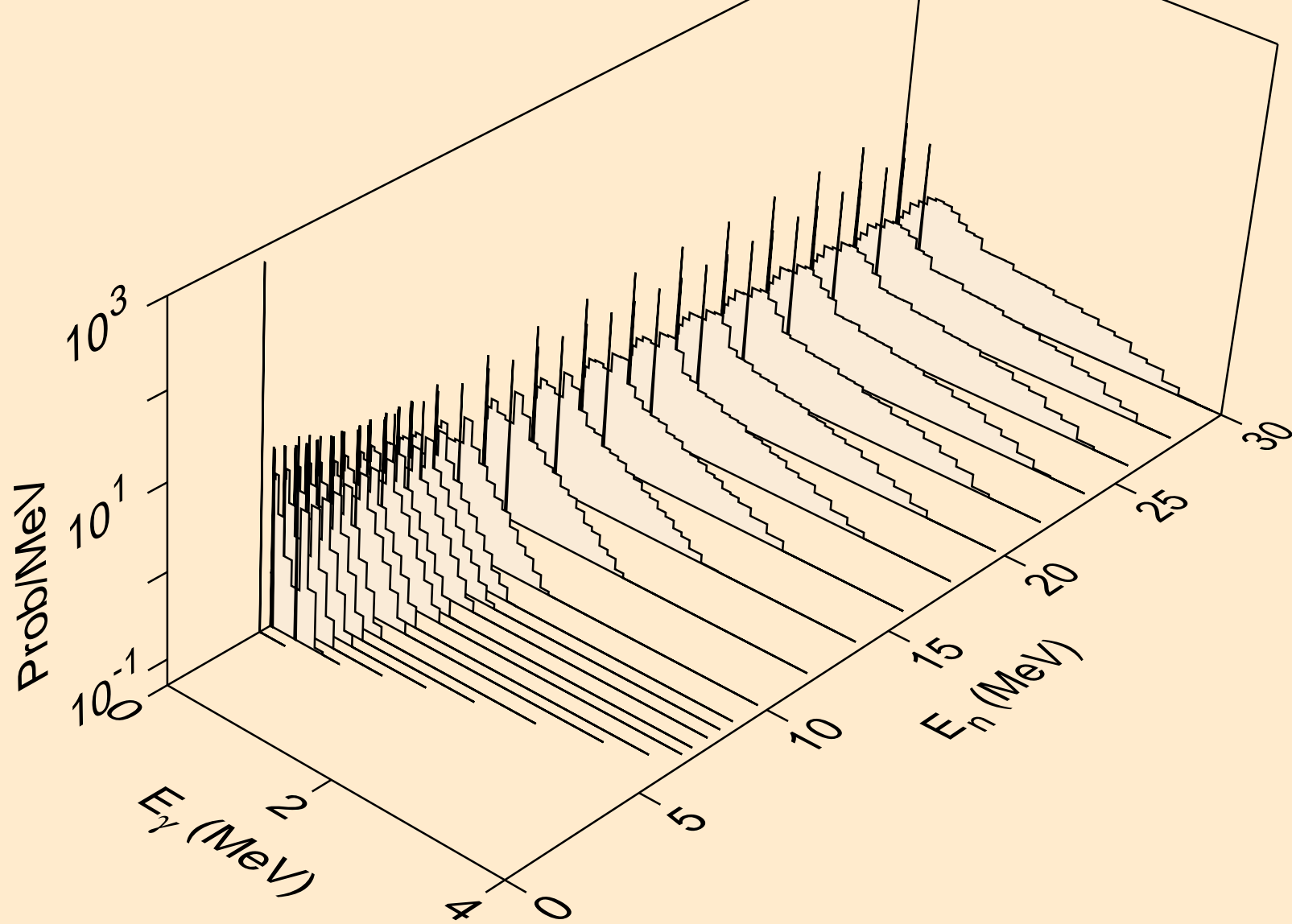
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

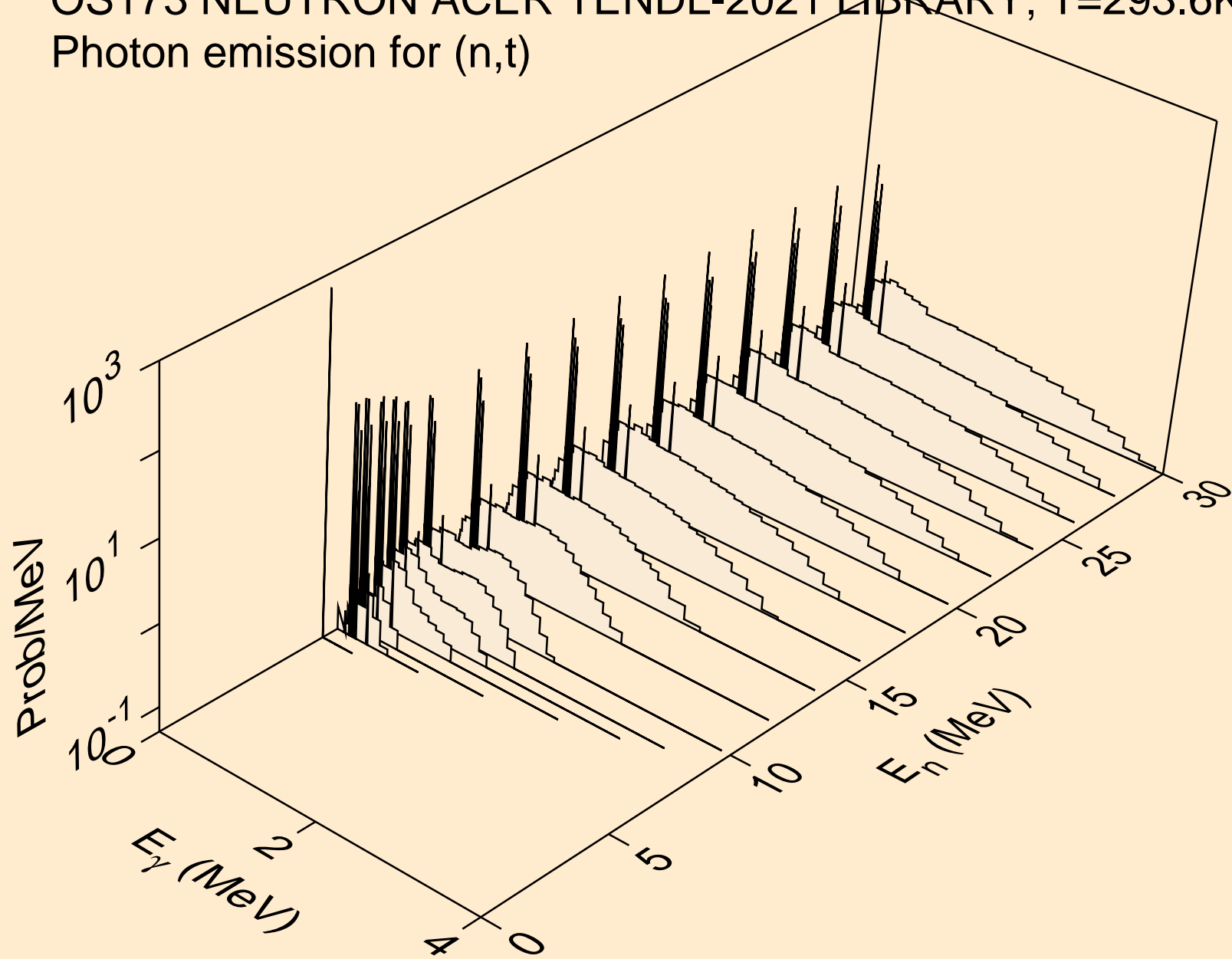


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

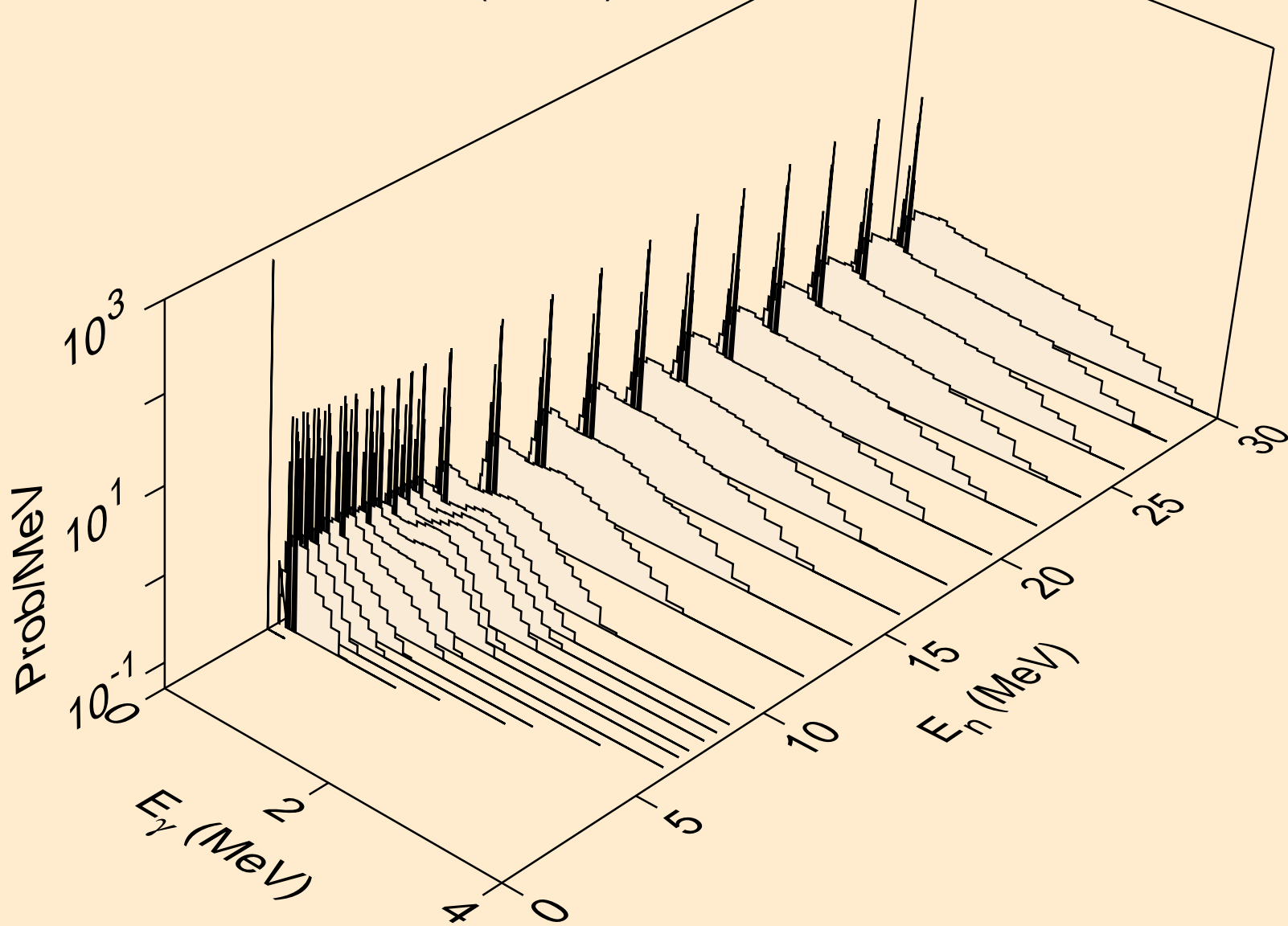




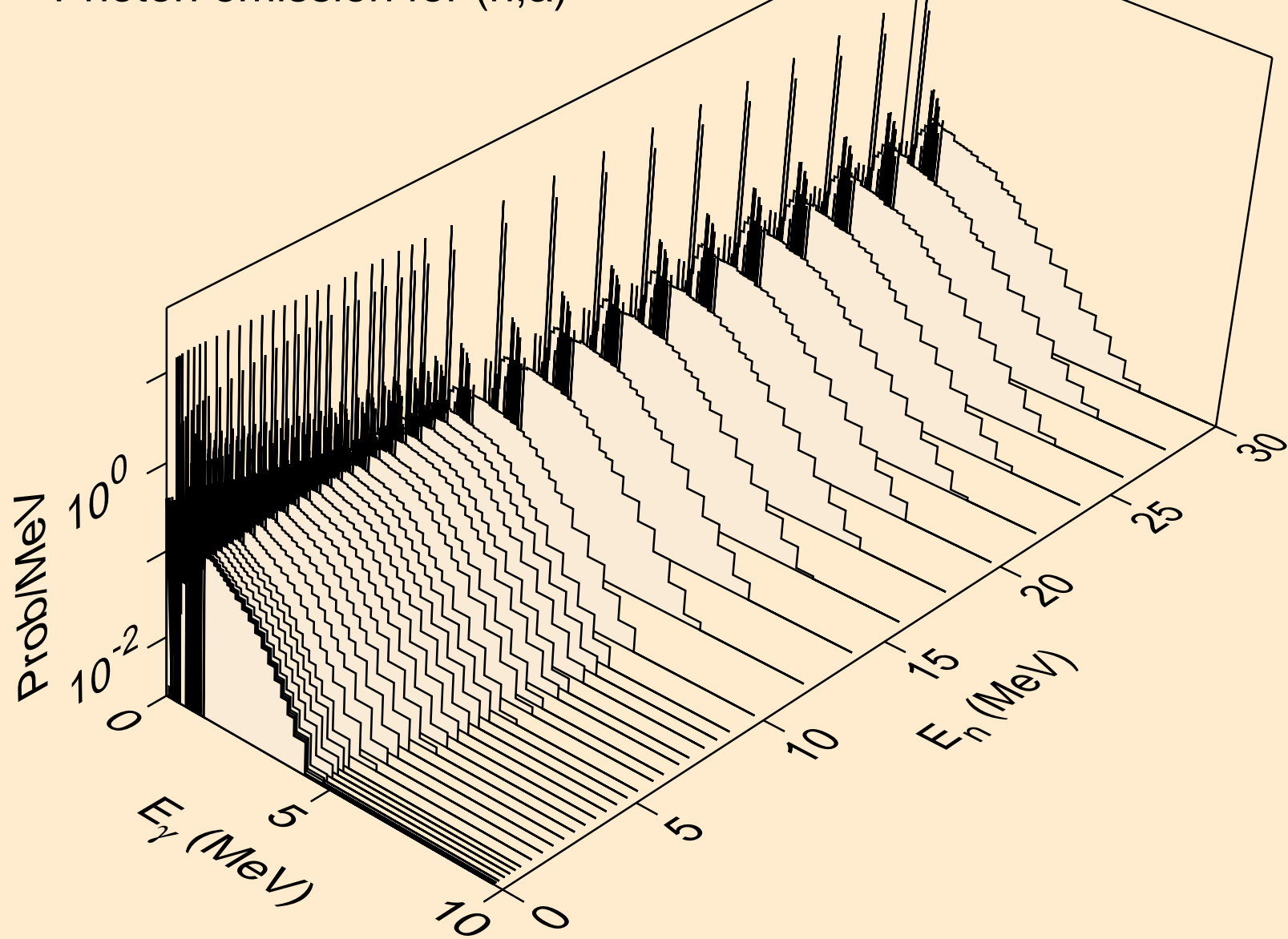
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



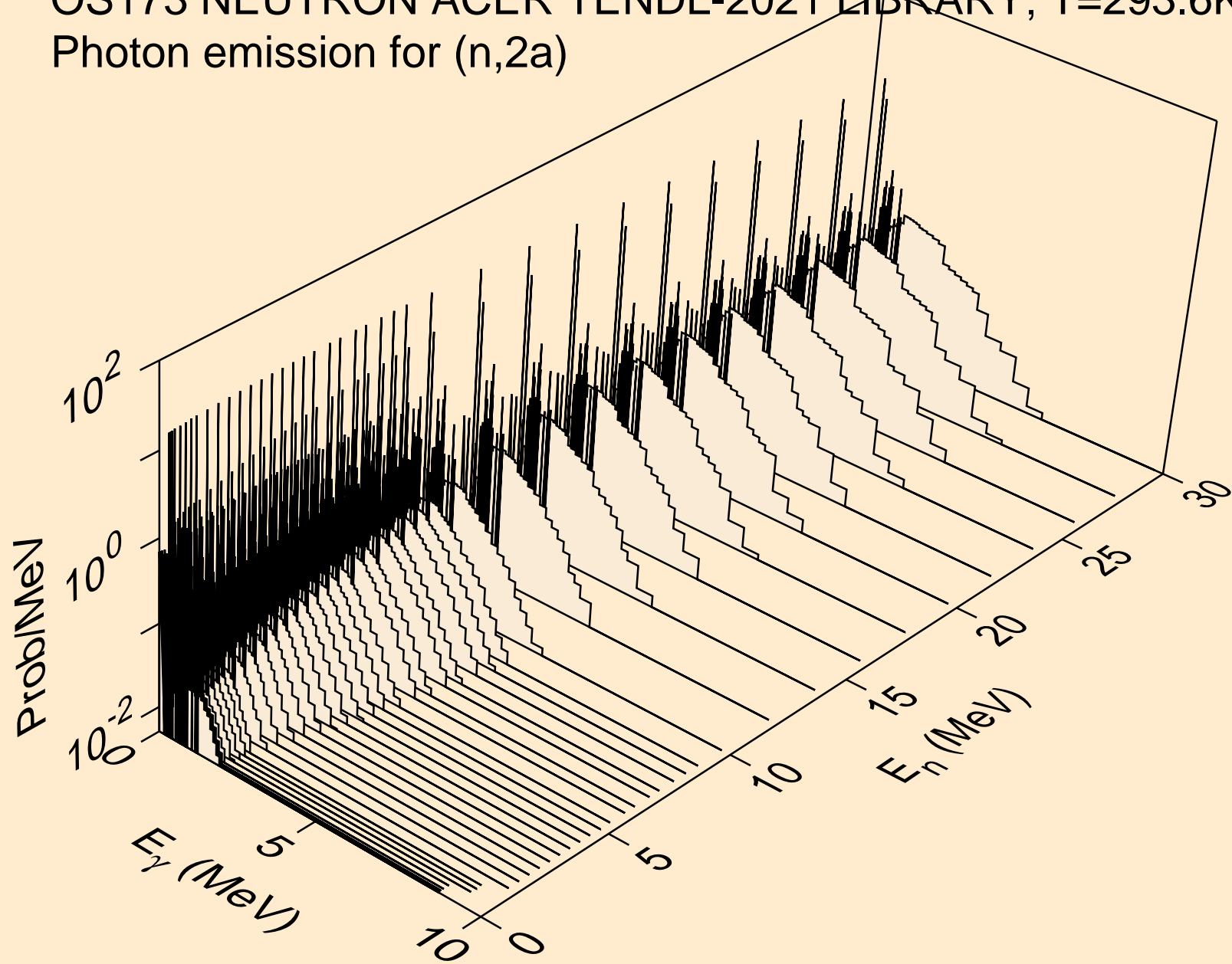
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



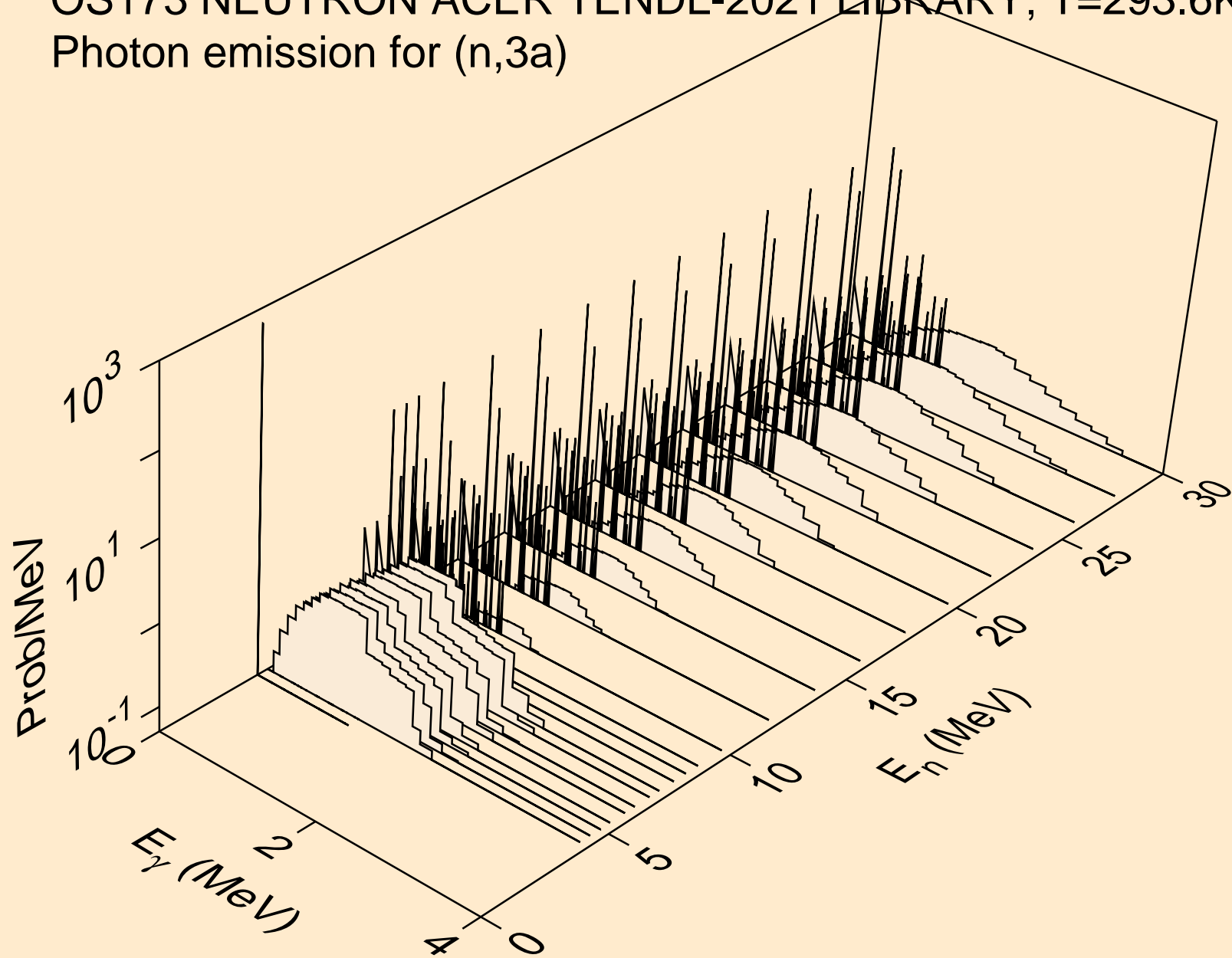
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



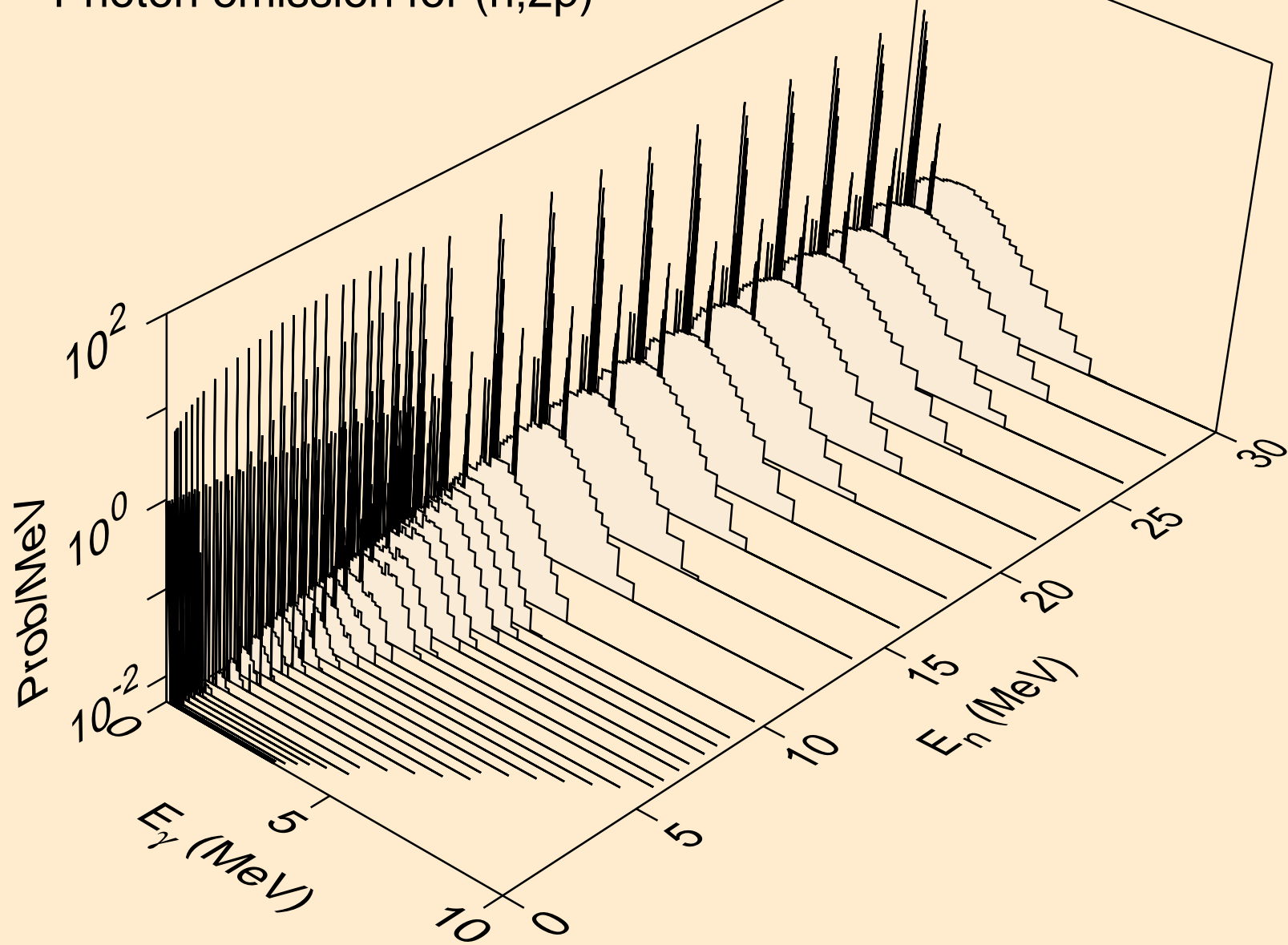
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



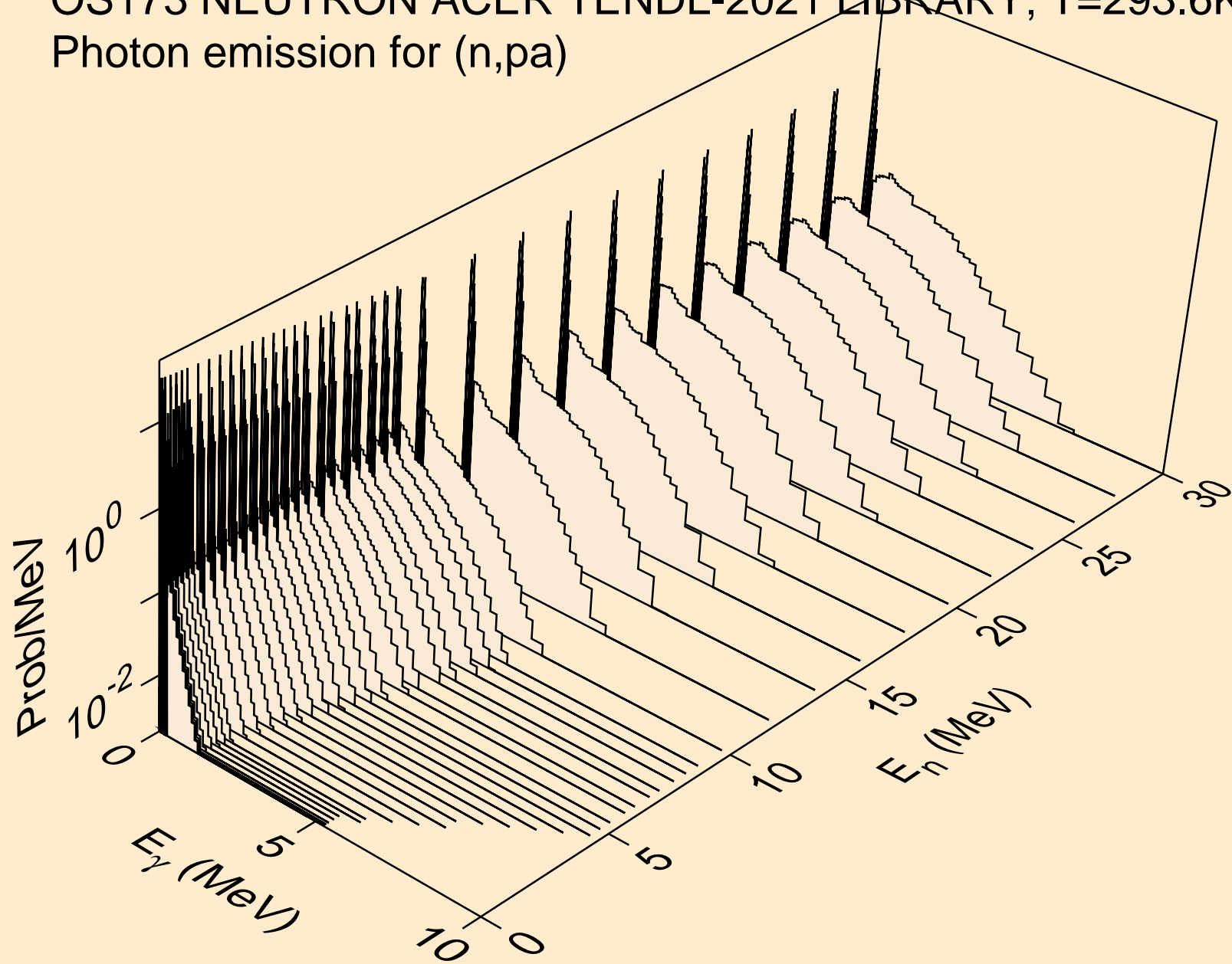
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



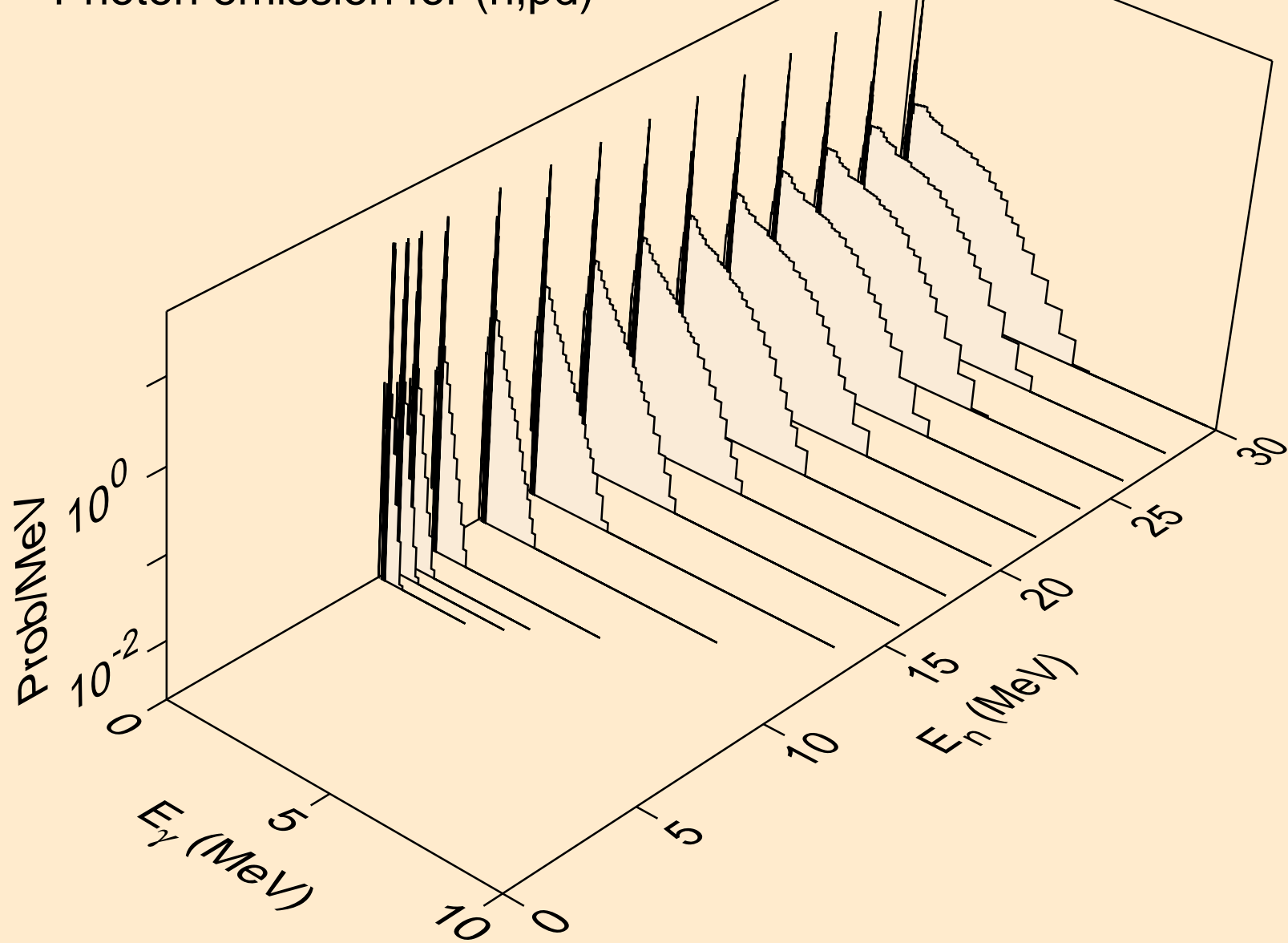
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

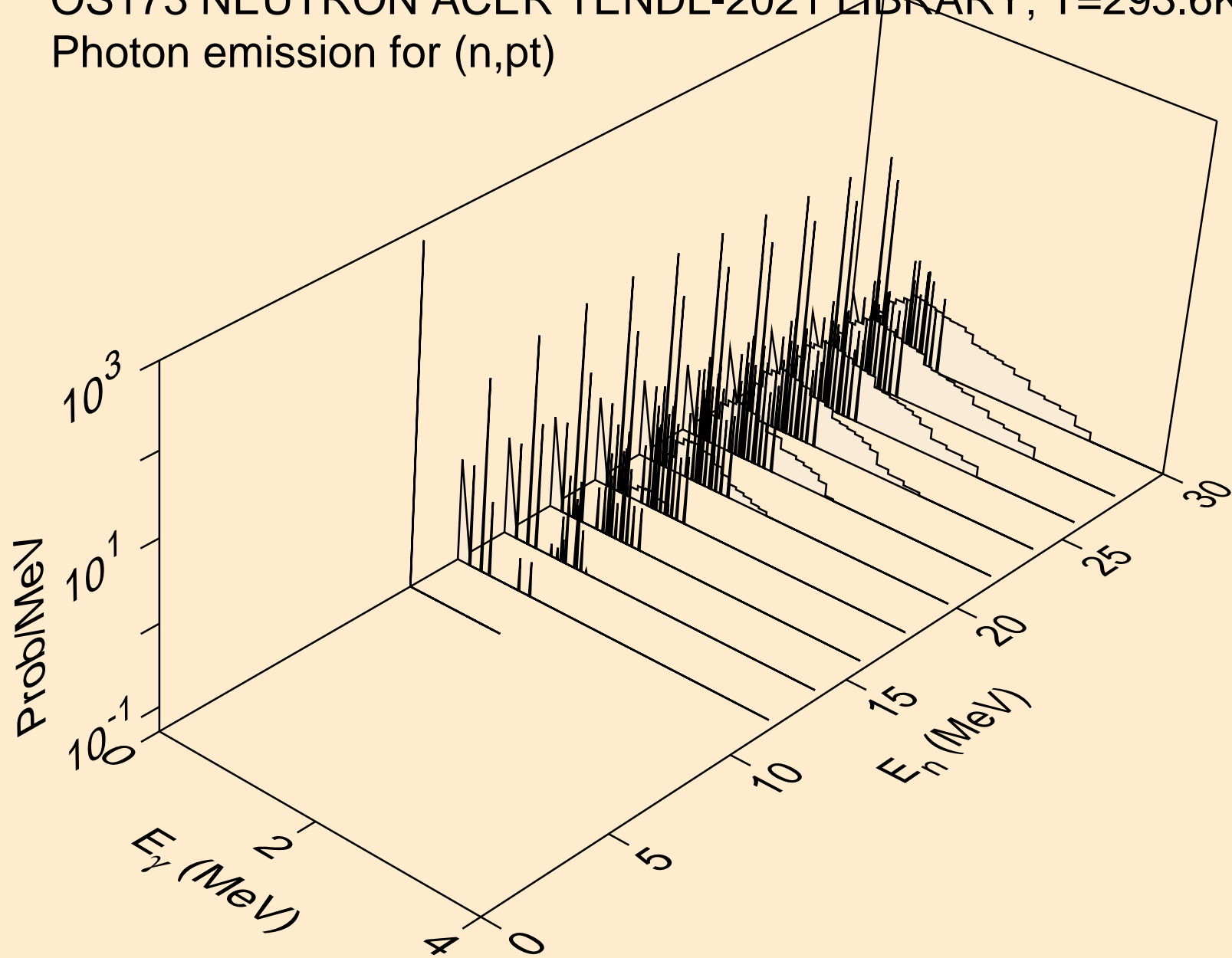


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

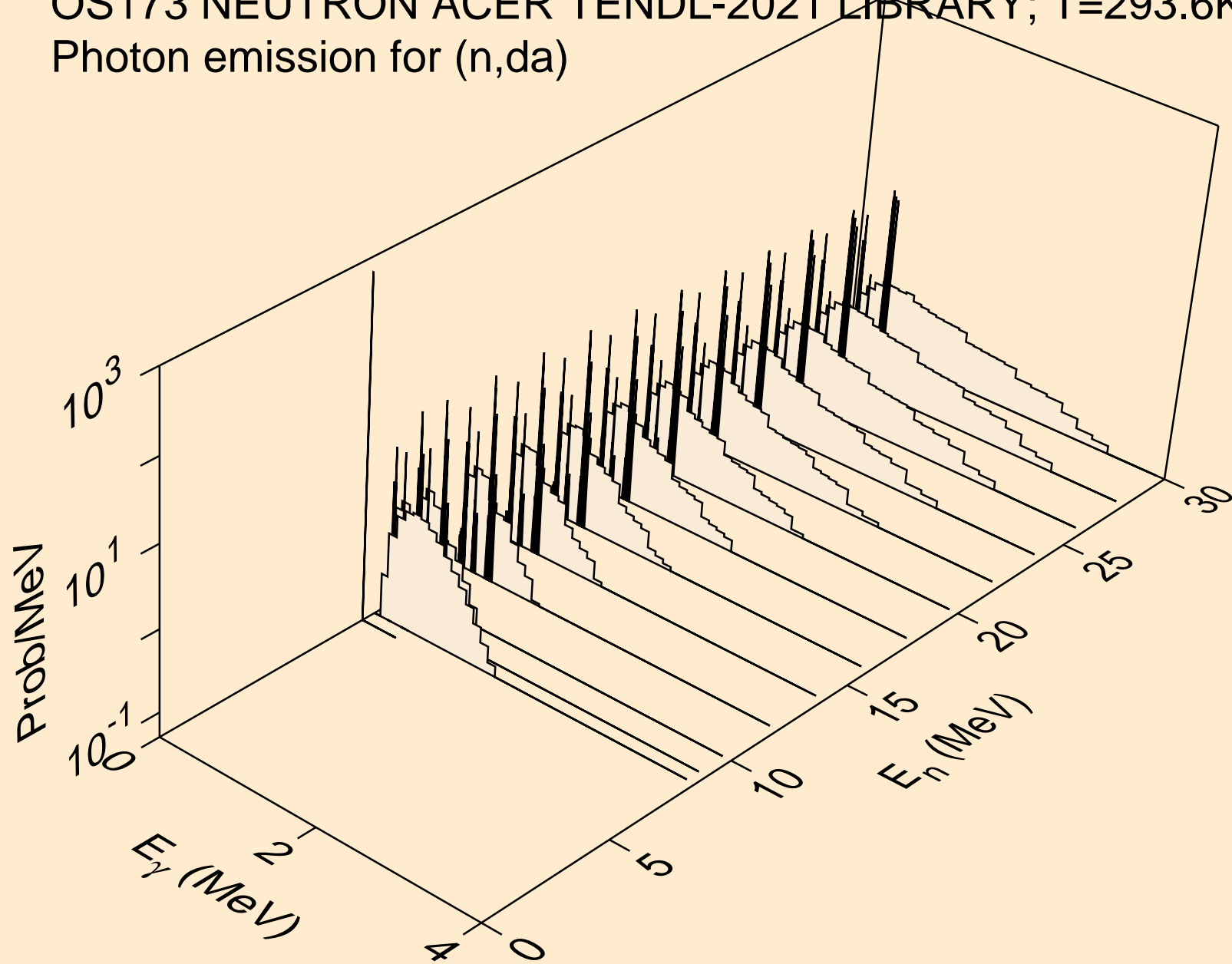




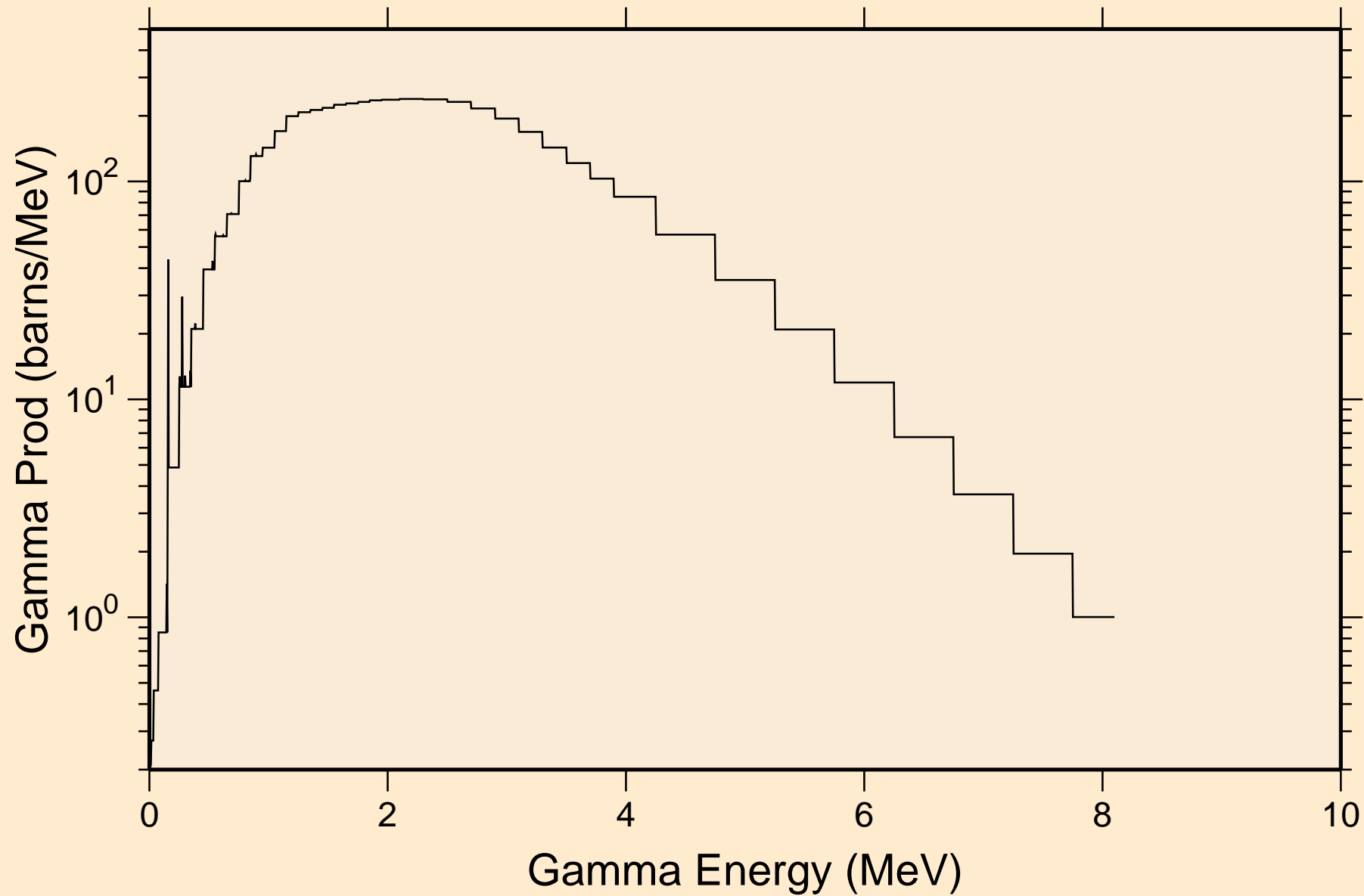
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



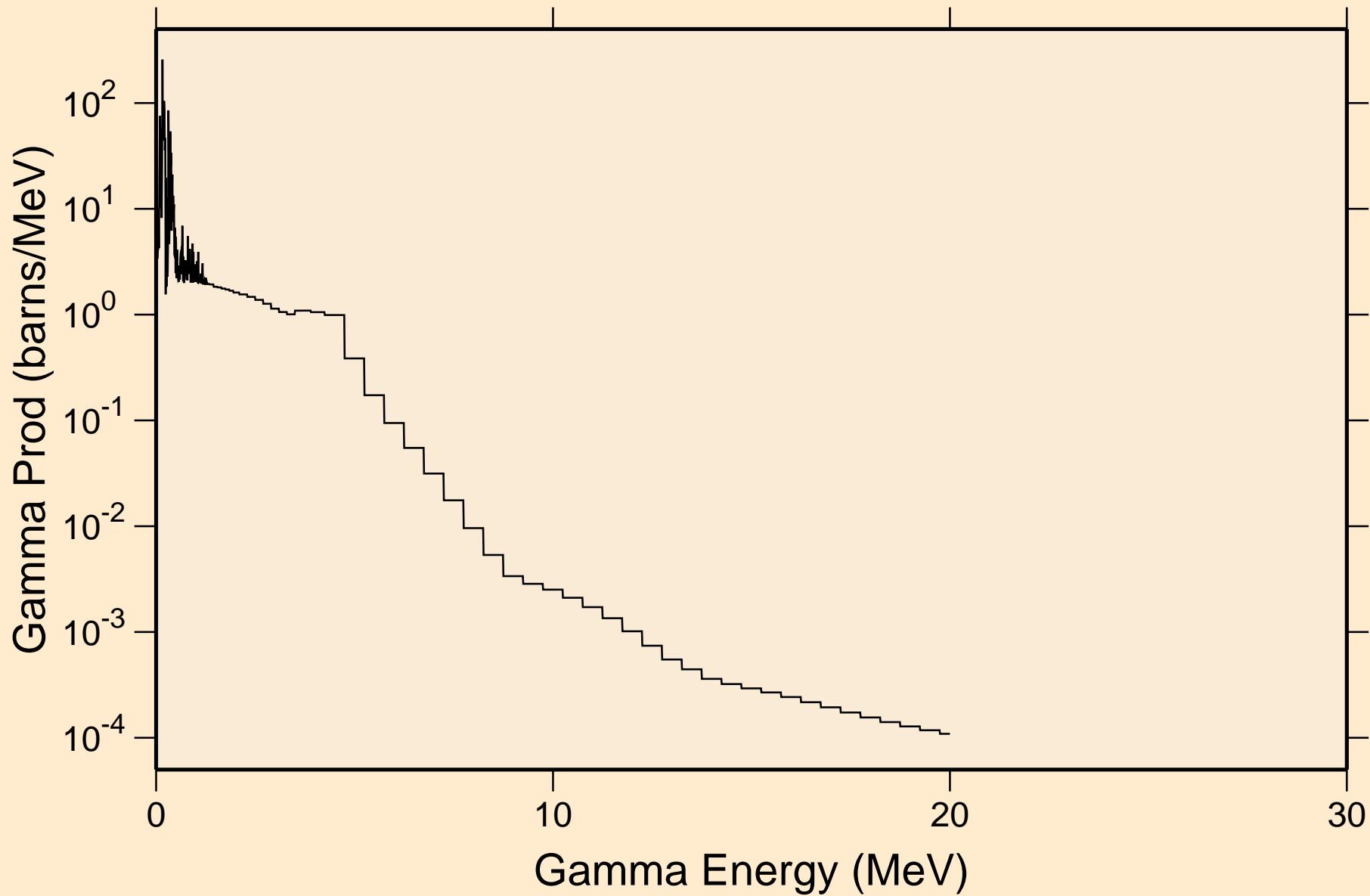
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

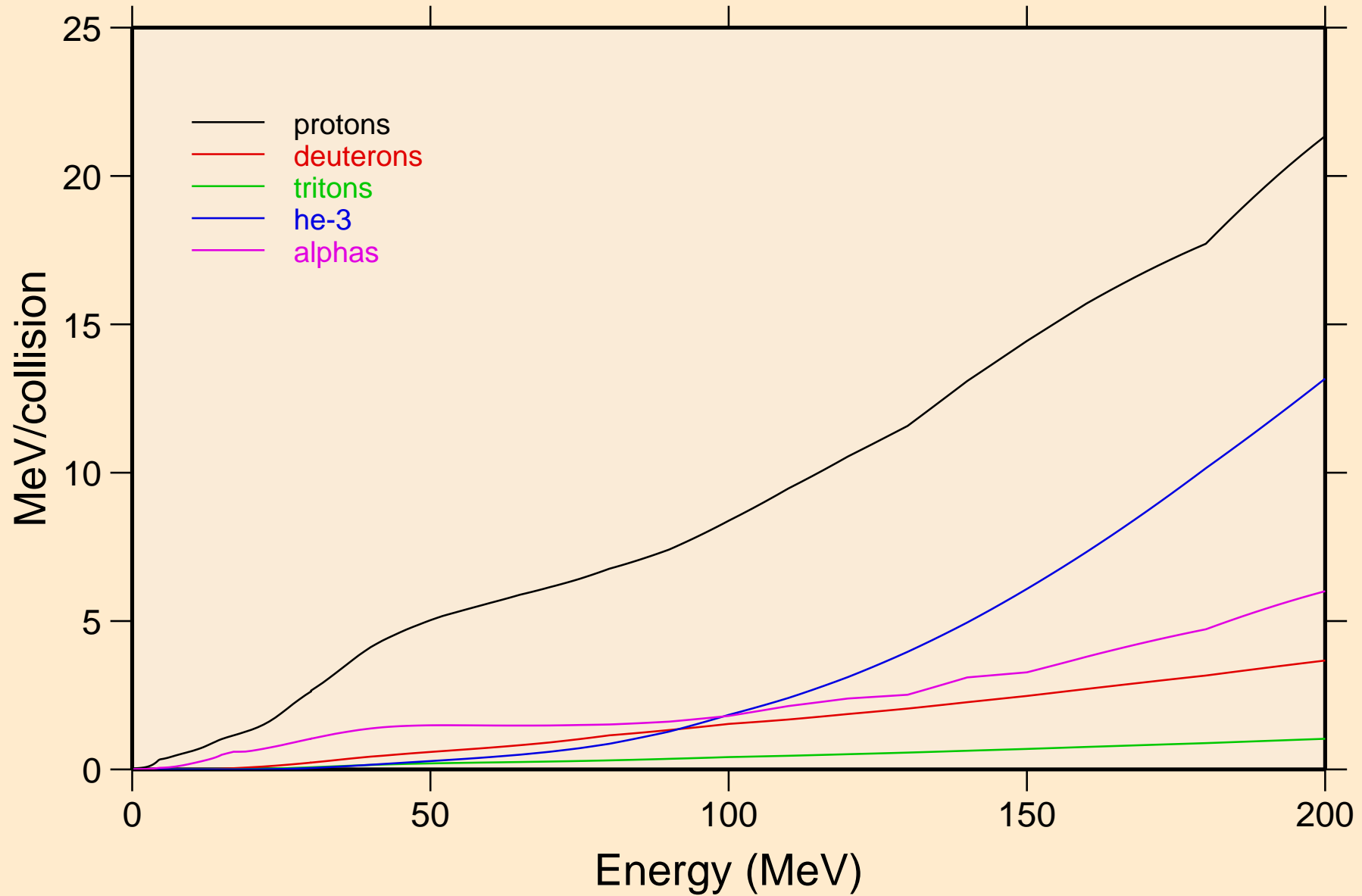


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

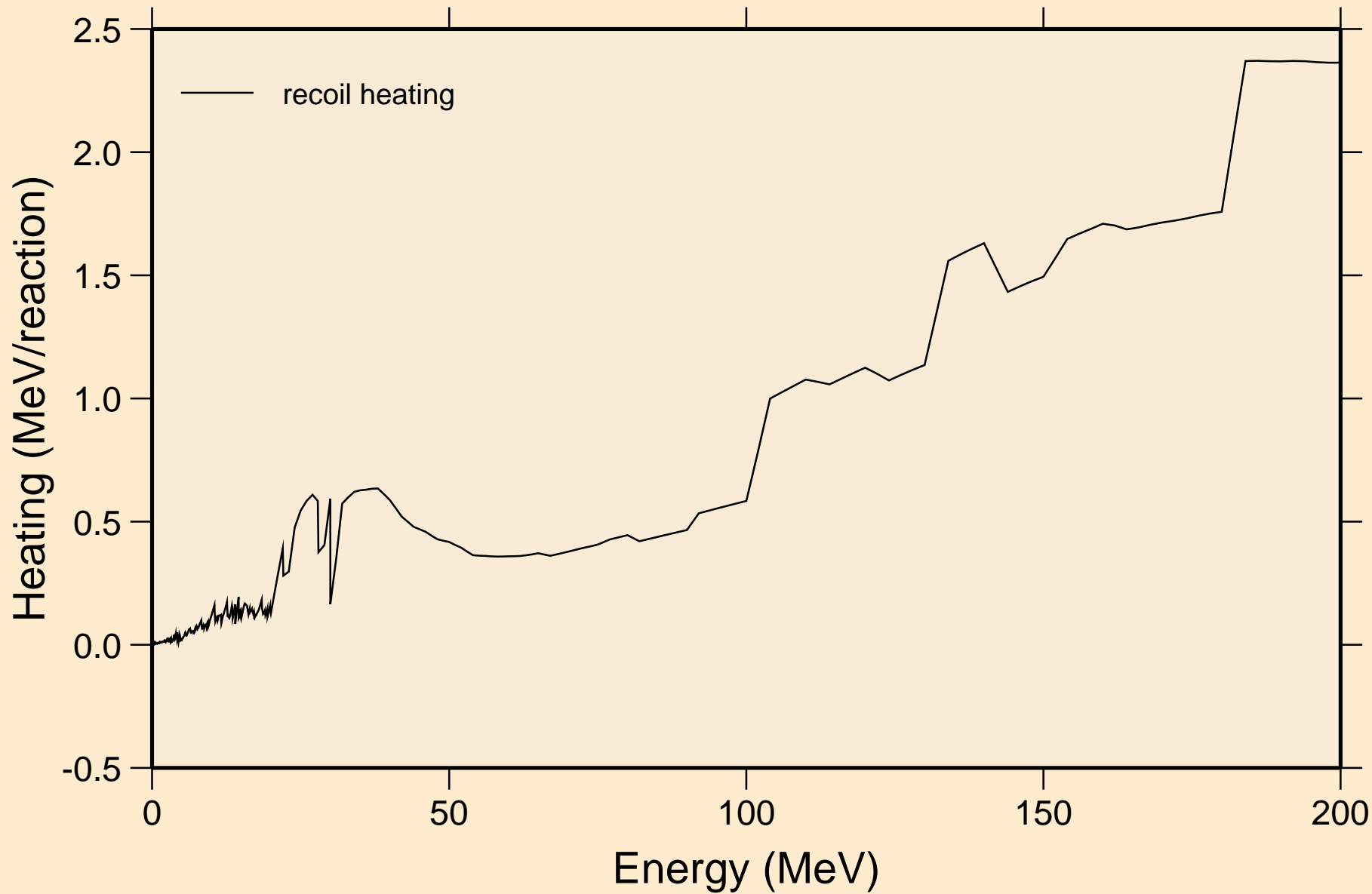


# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

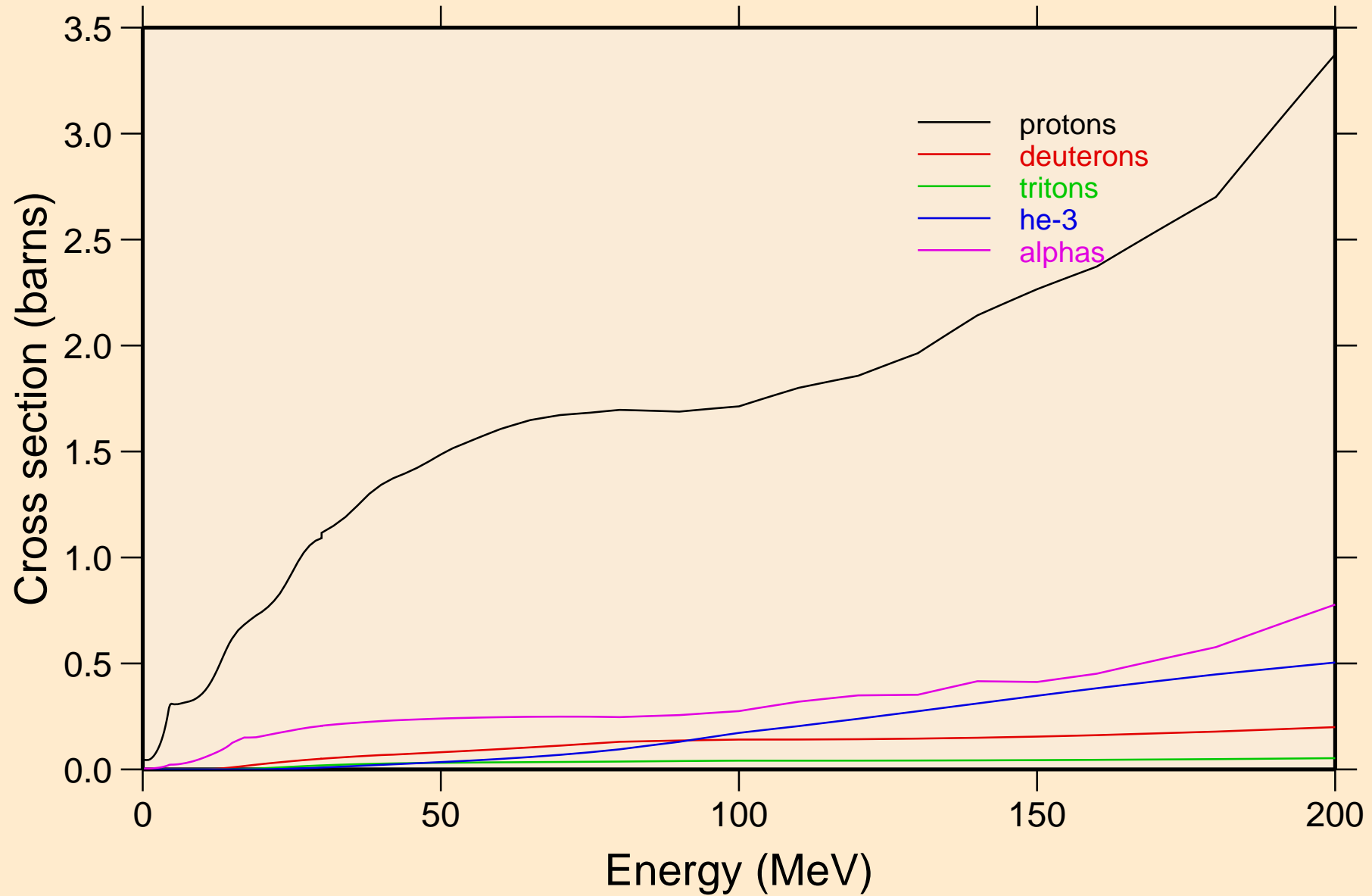


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

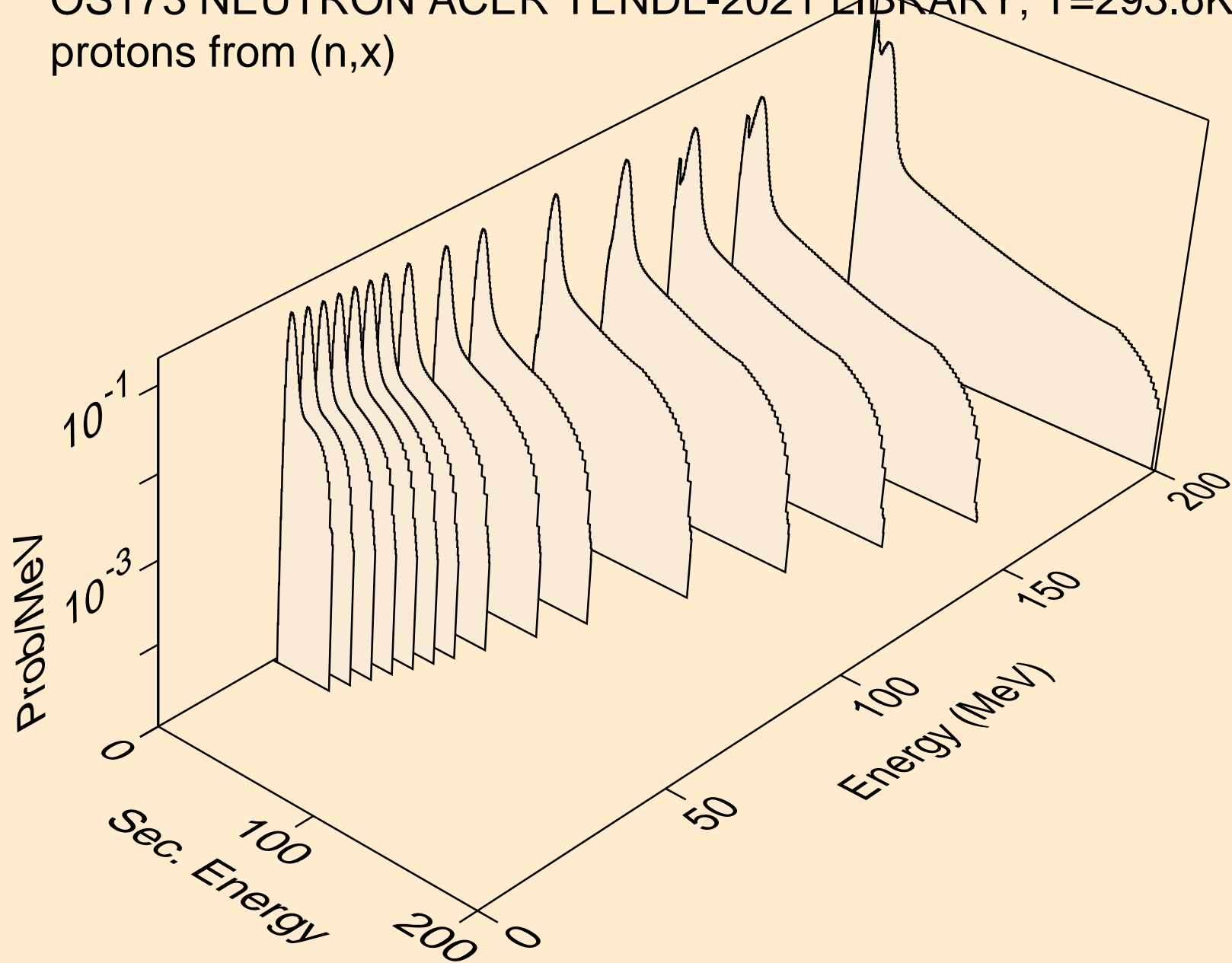


# OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle production cross sections

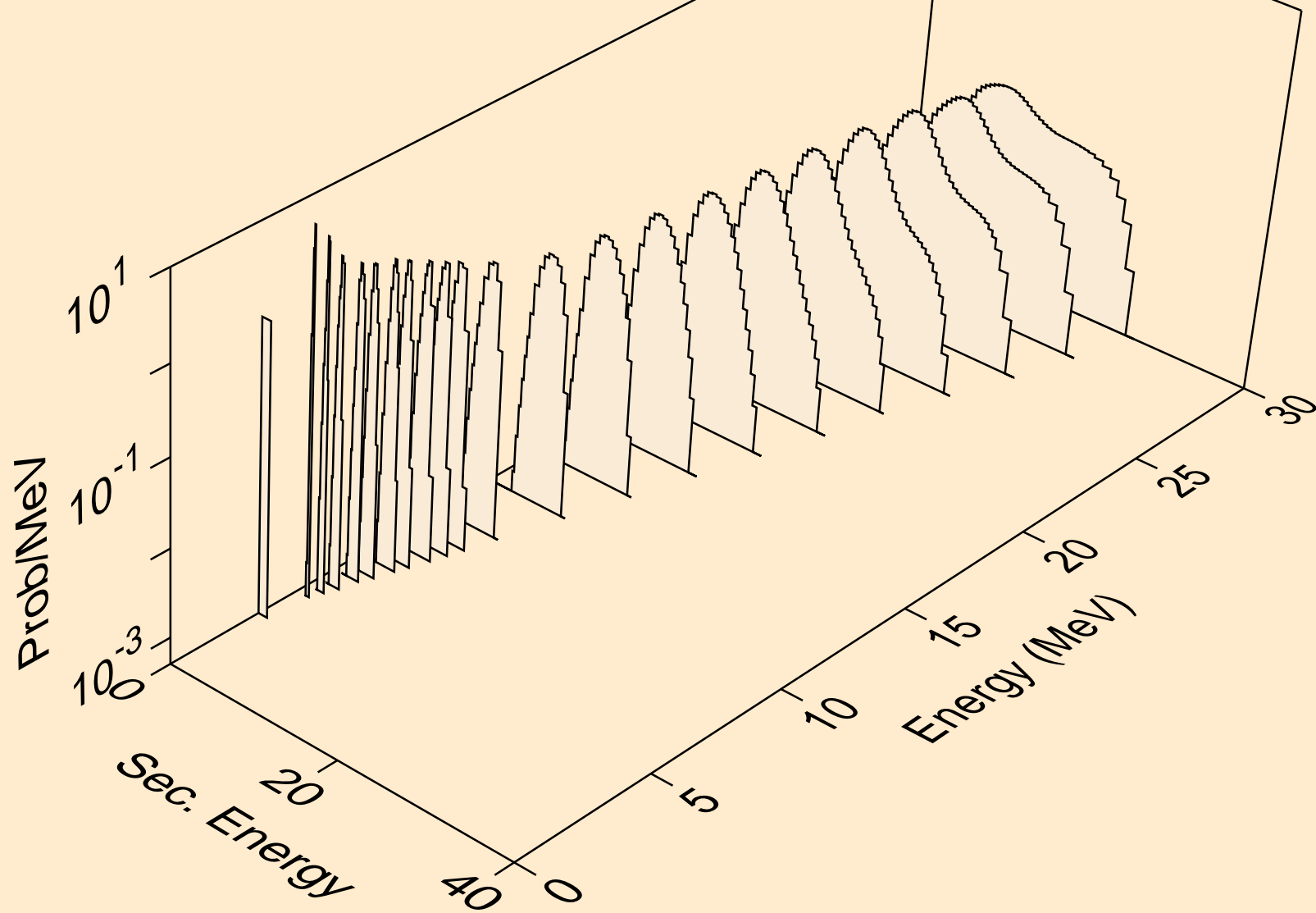


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

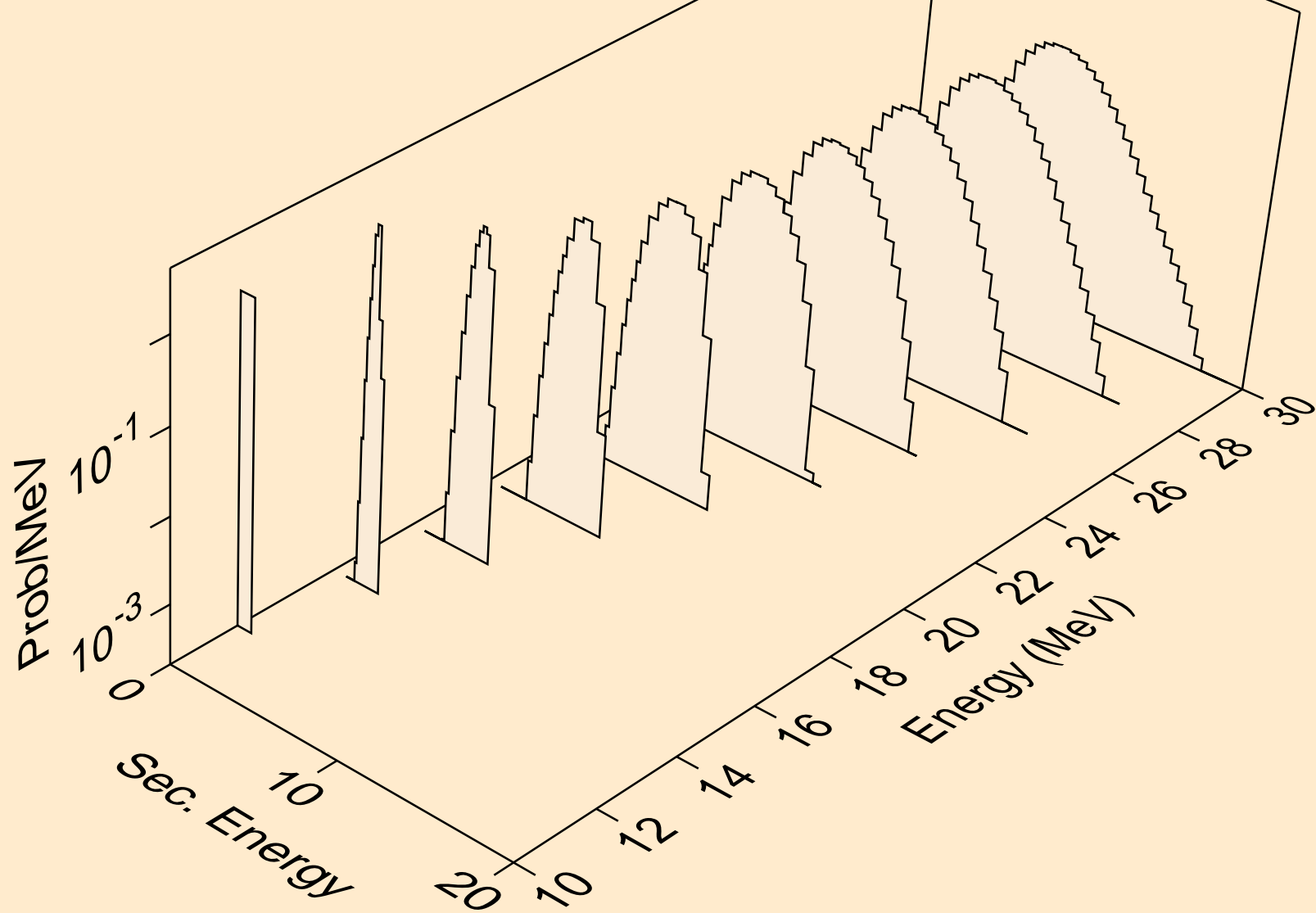




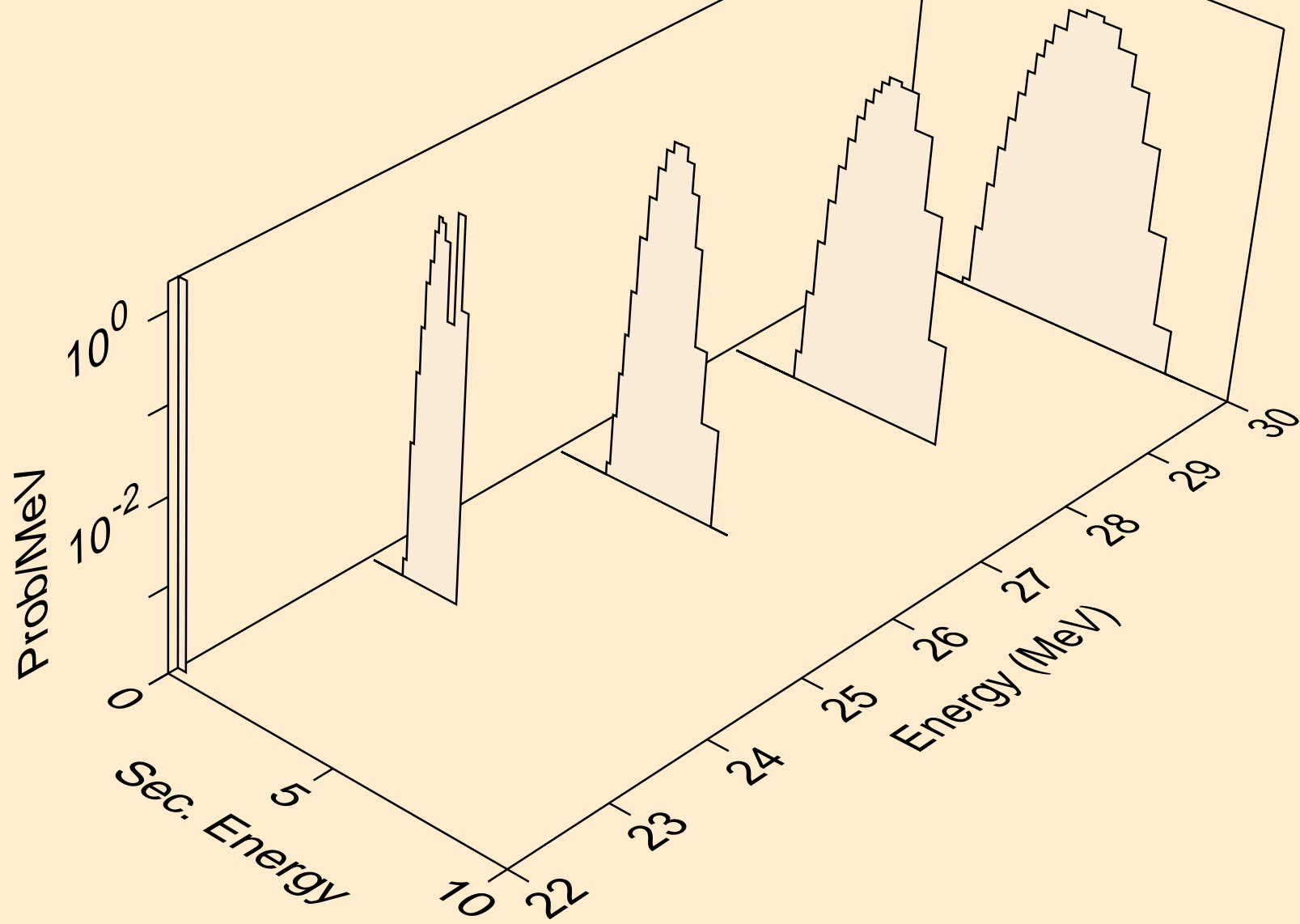
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



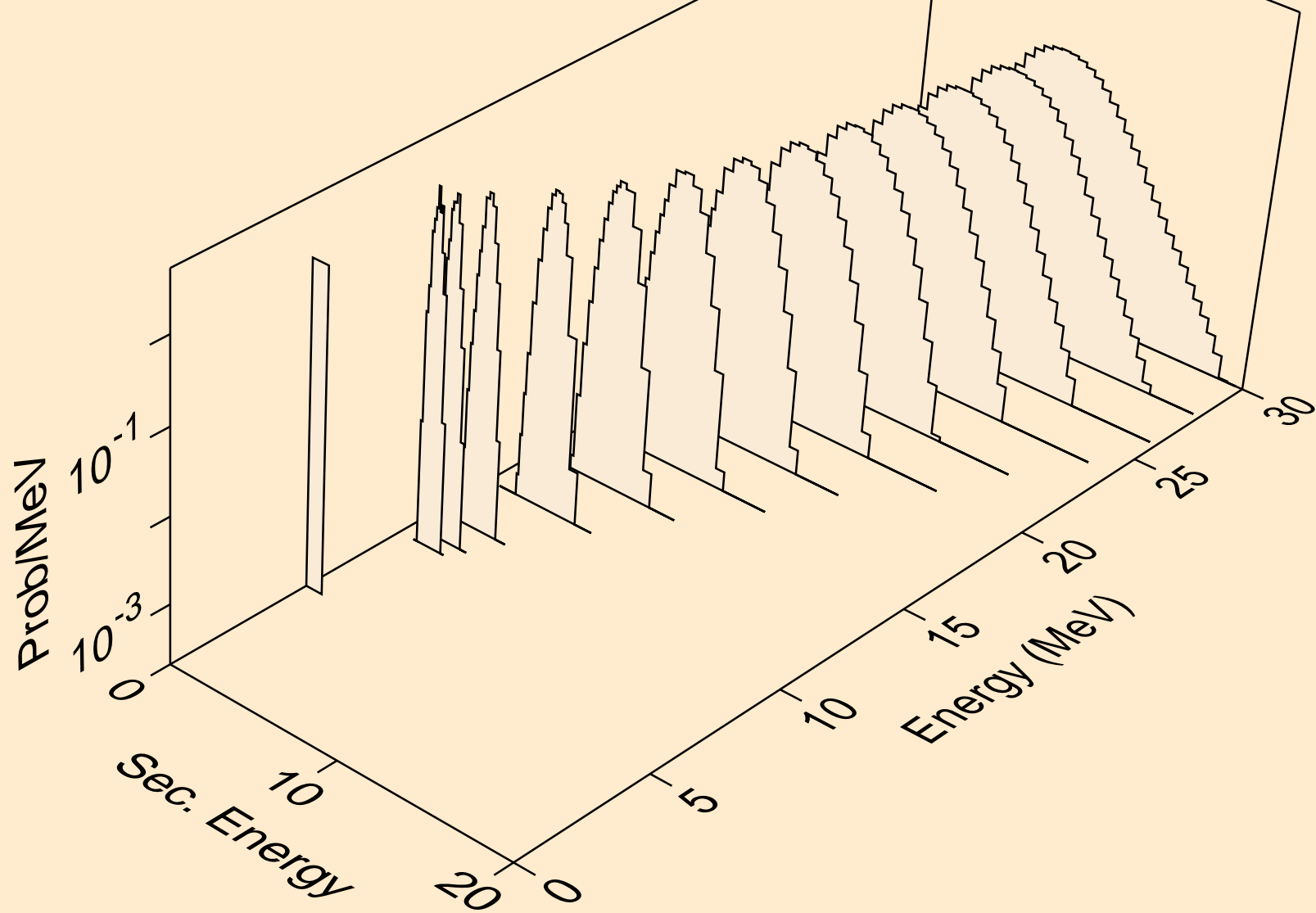
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



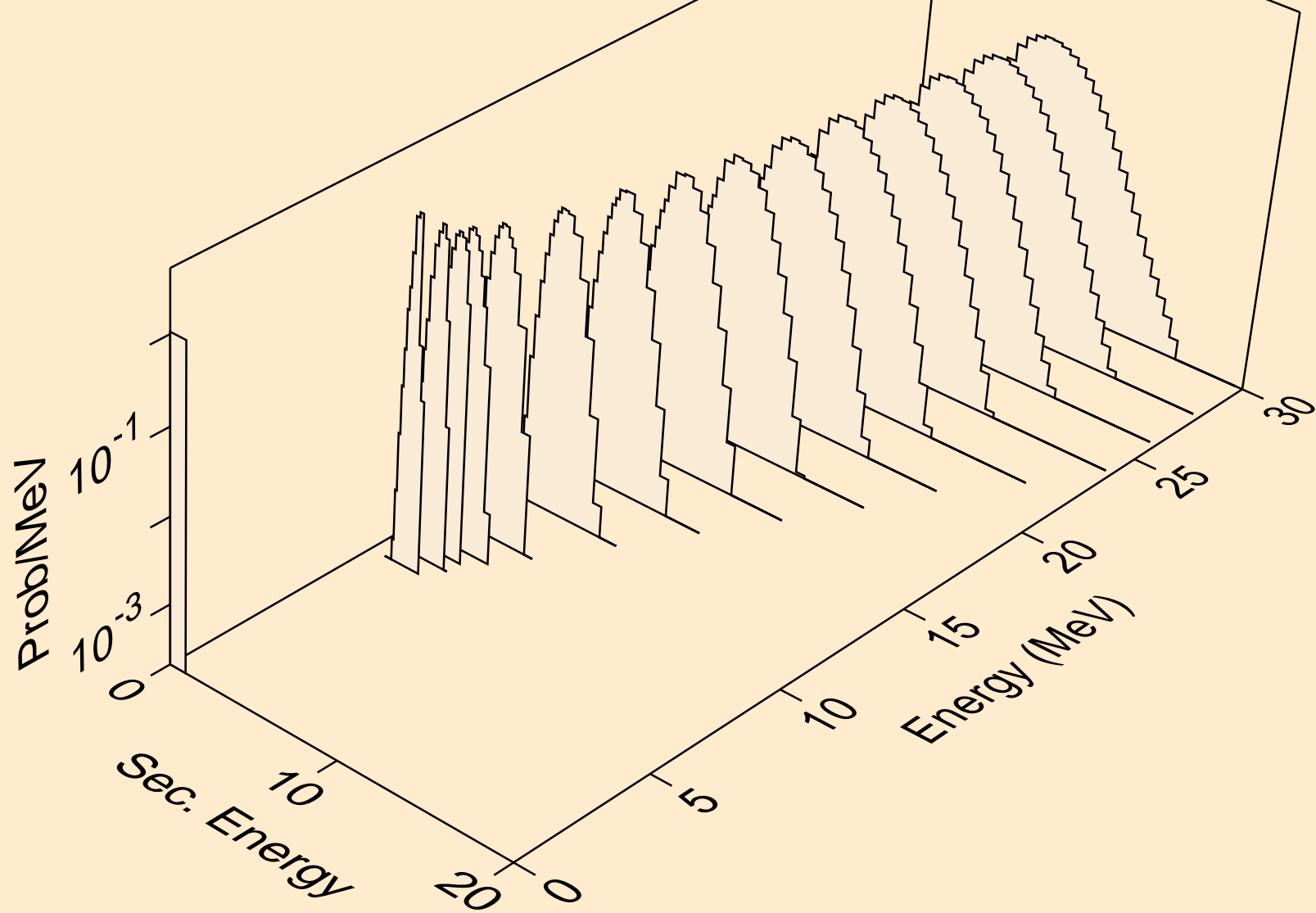
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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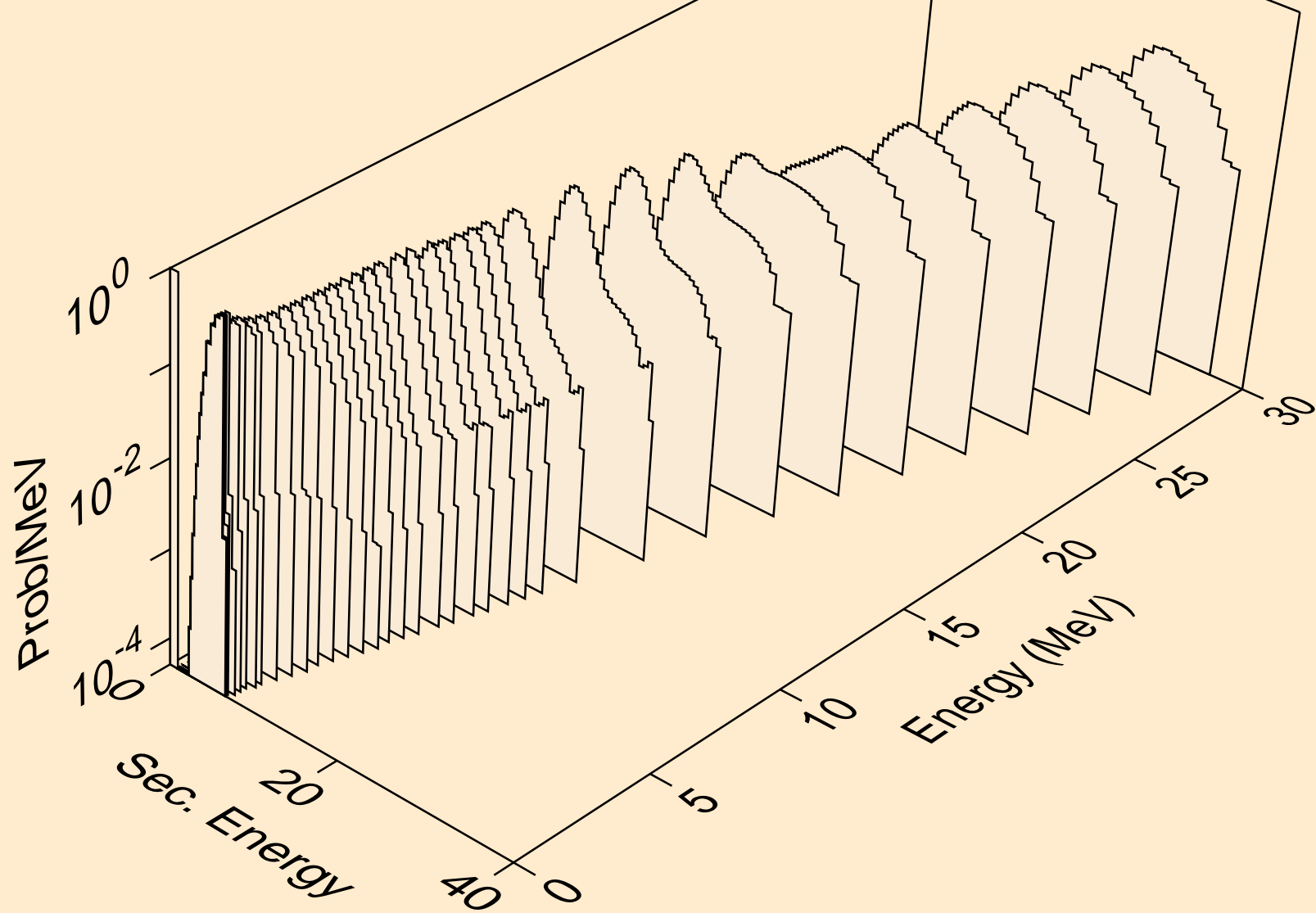
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protons from (n,2np)



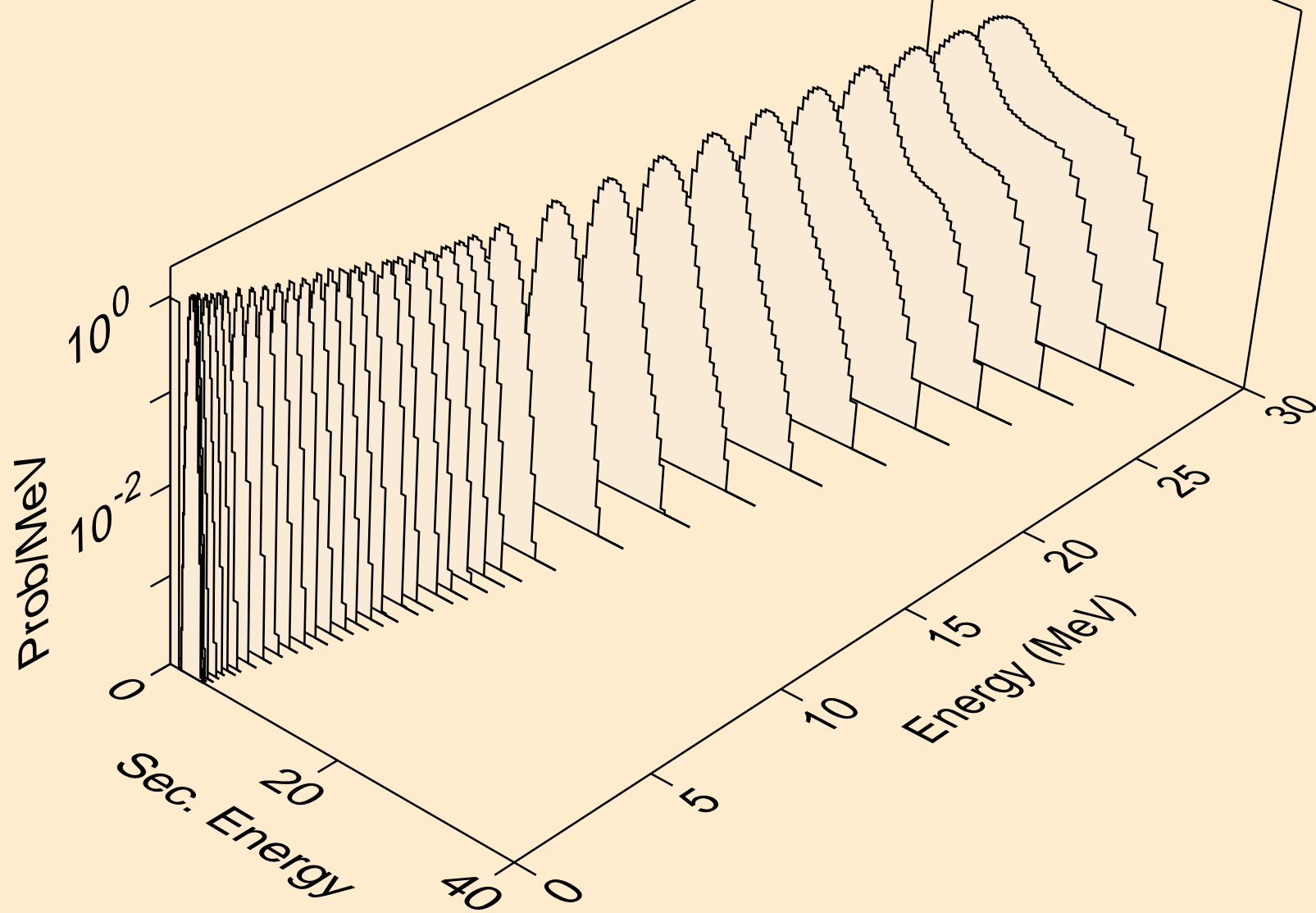
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



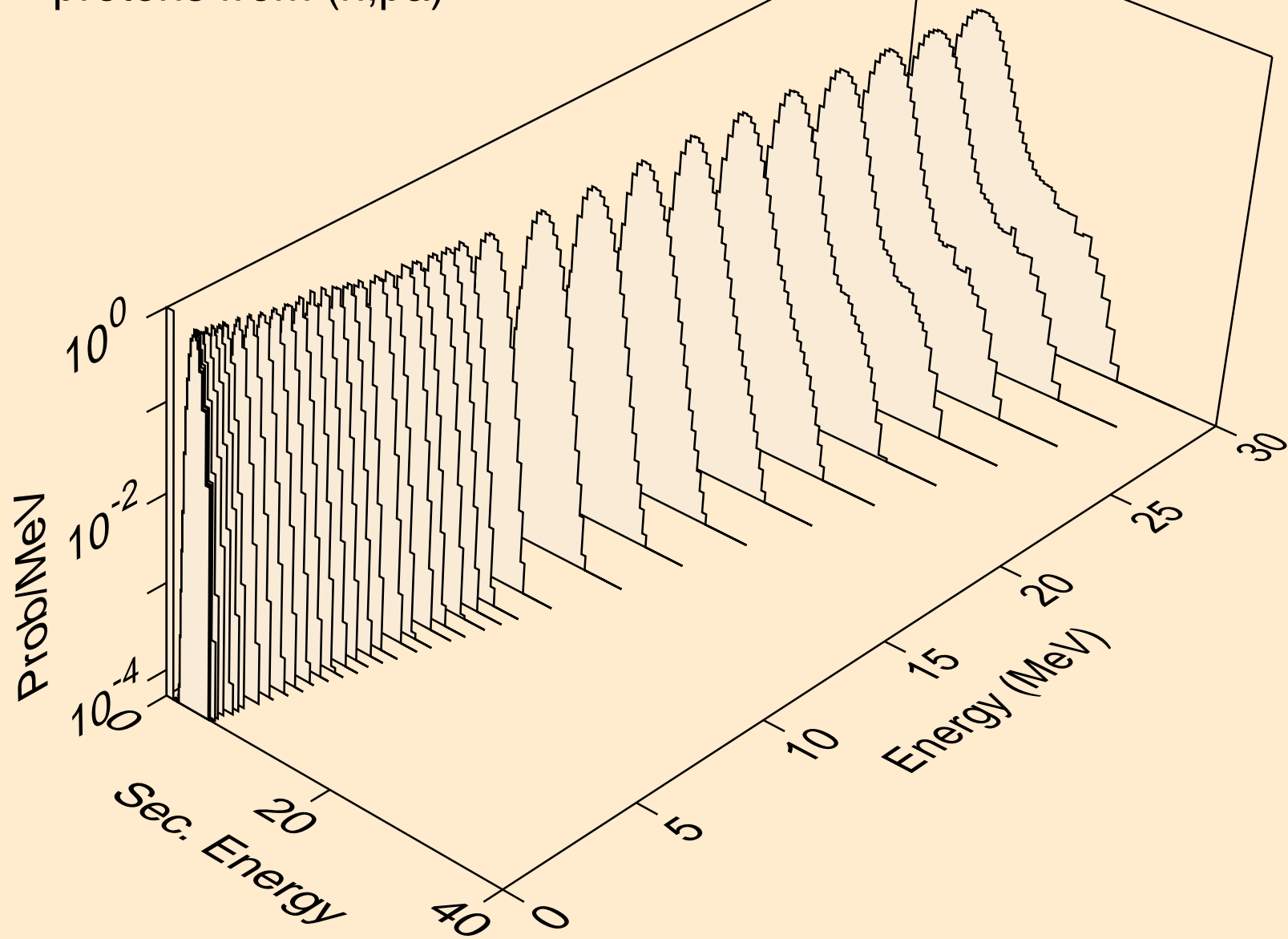
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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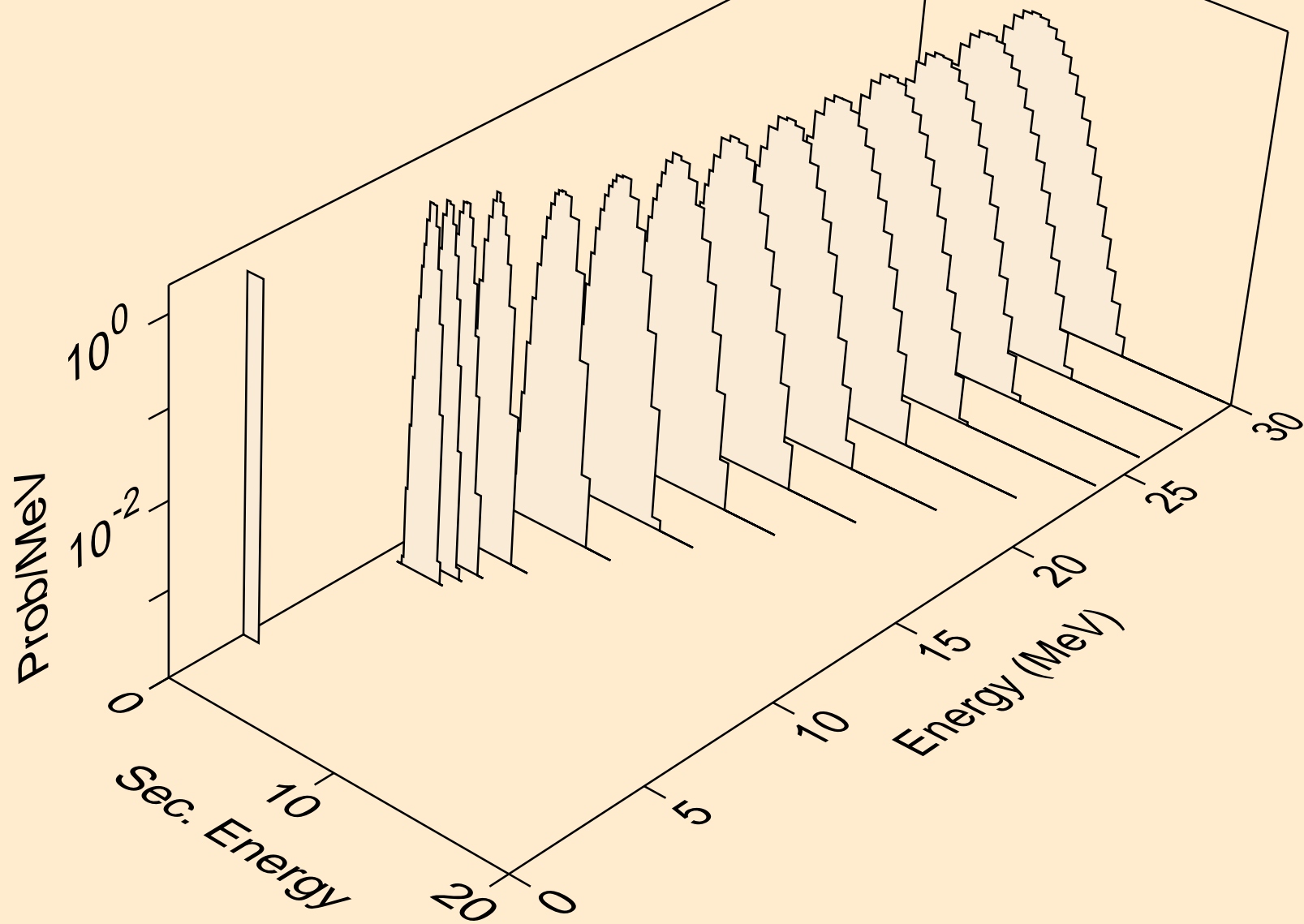


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protons from (n,p)

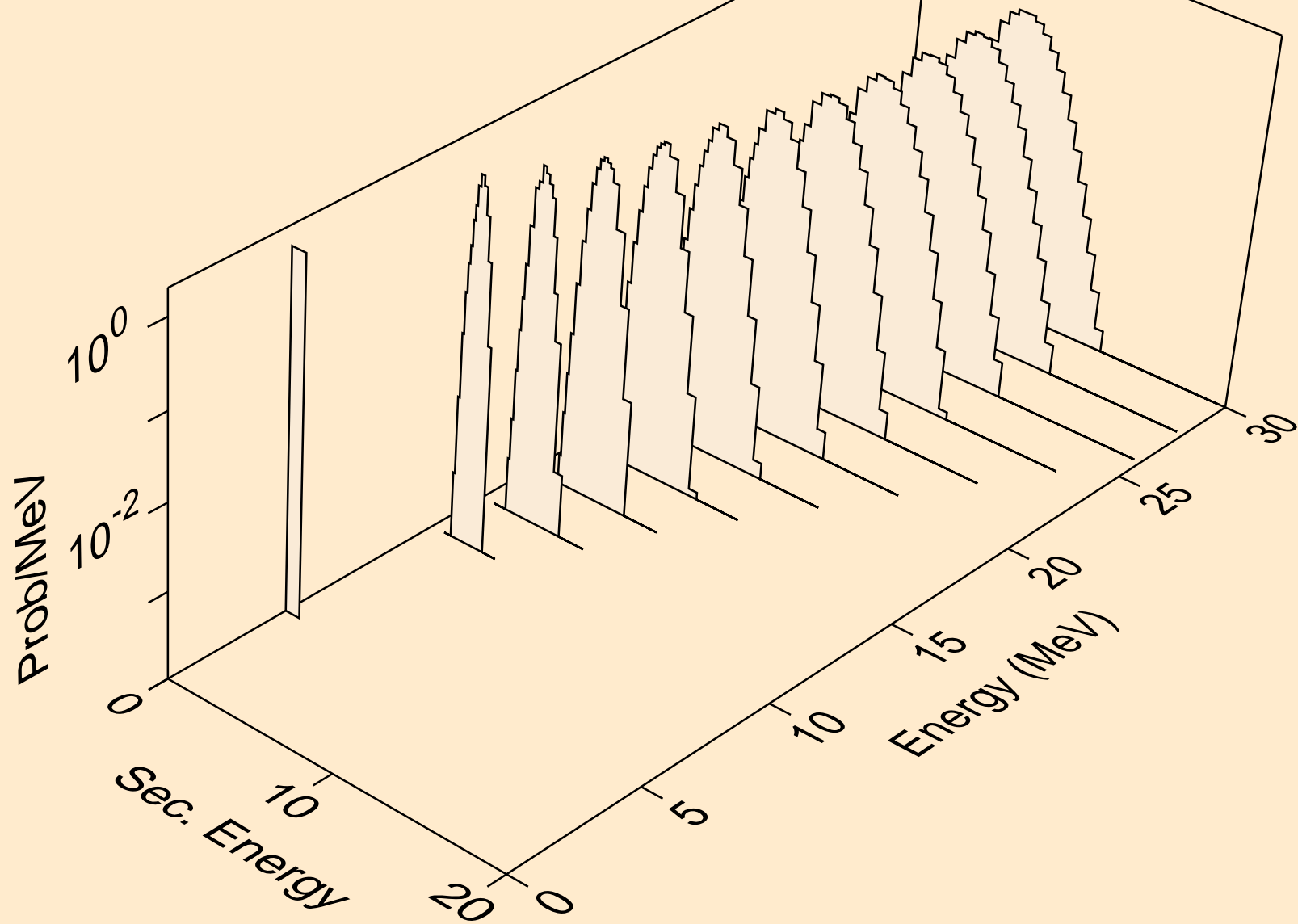




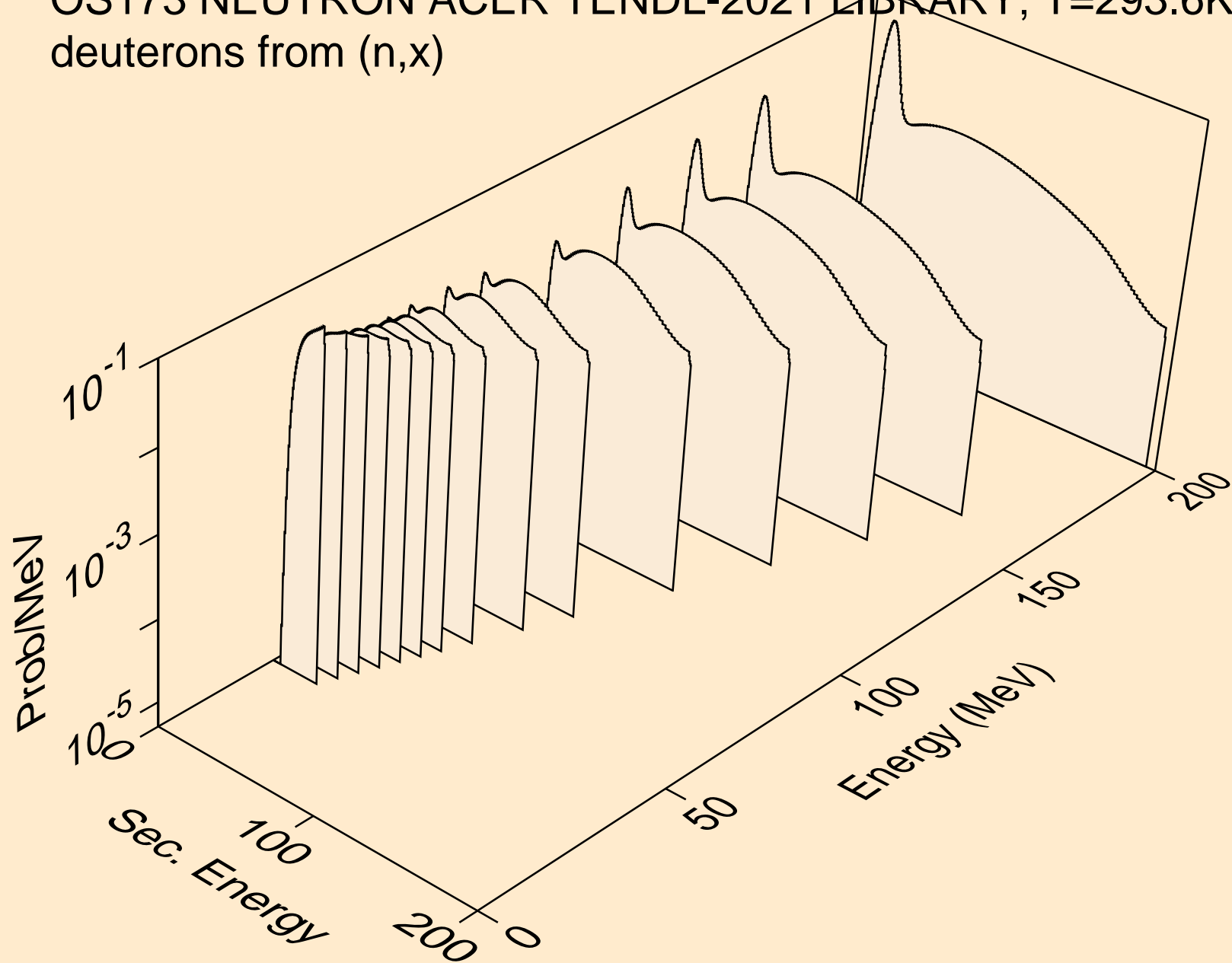
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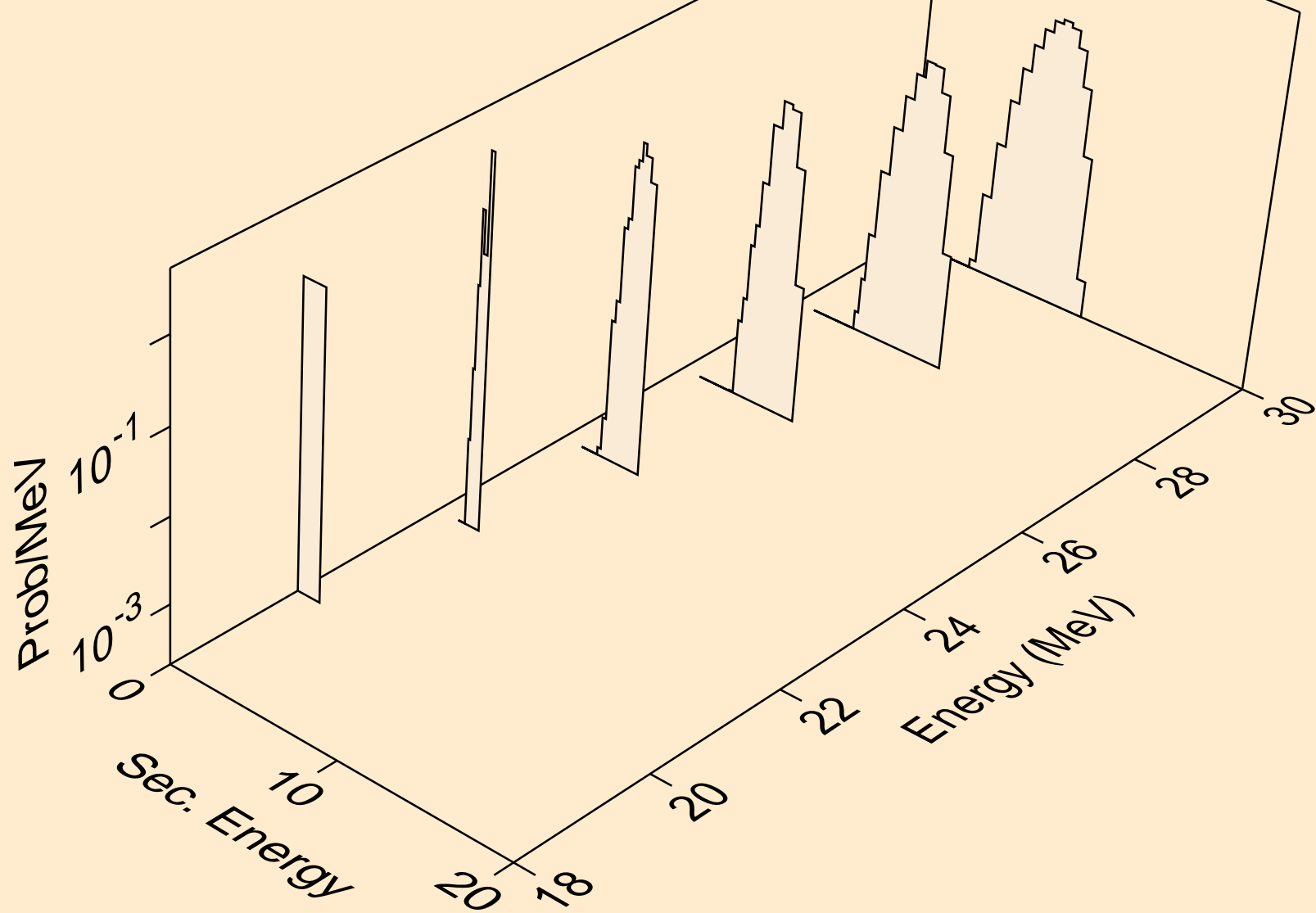
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protons from (n,pt)



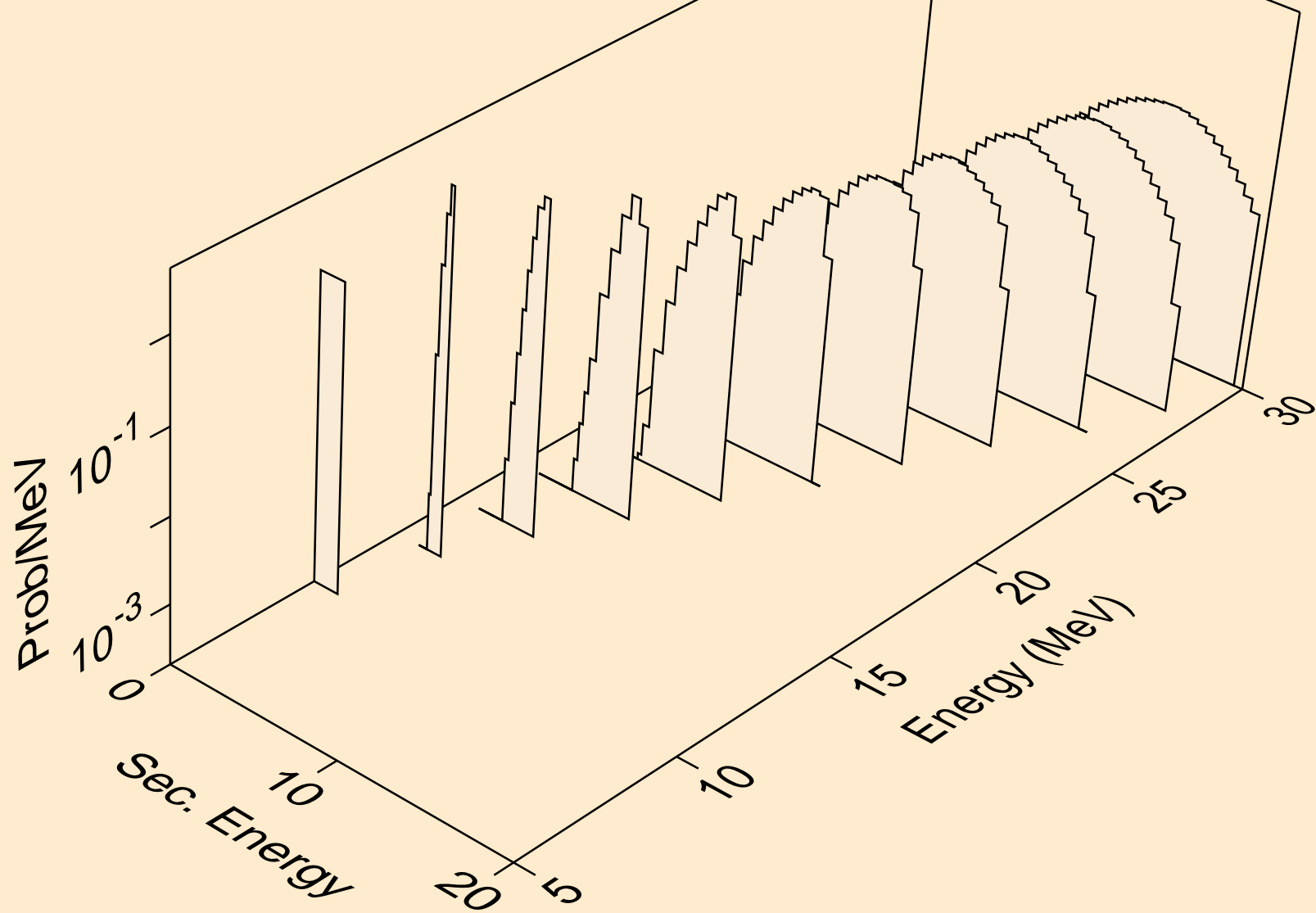
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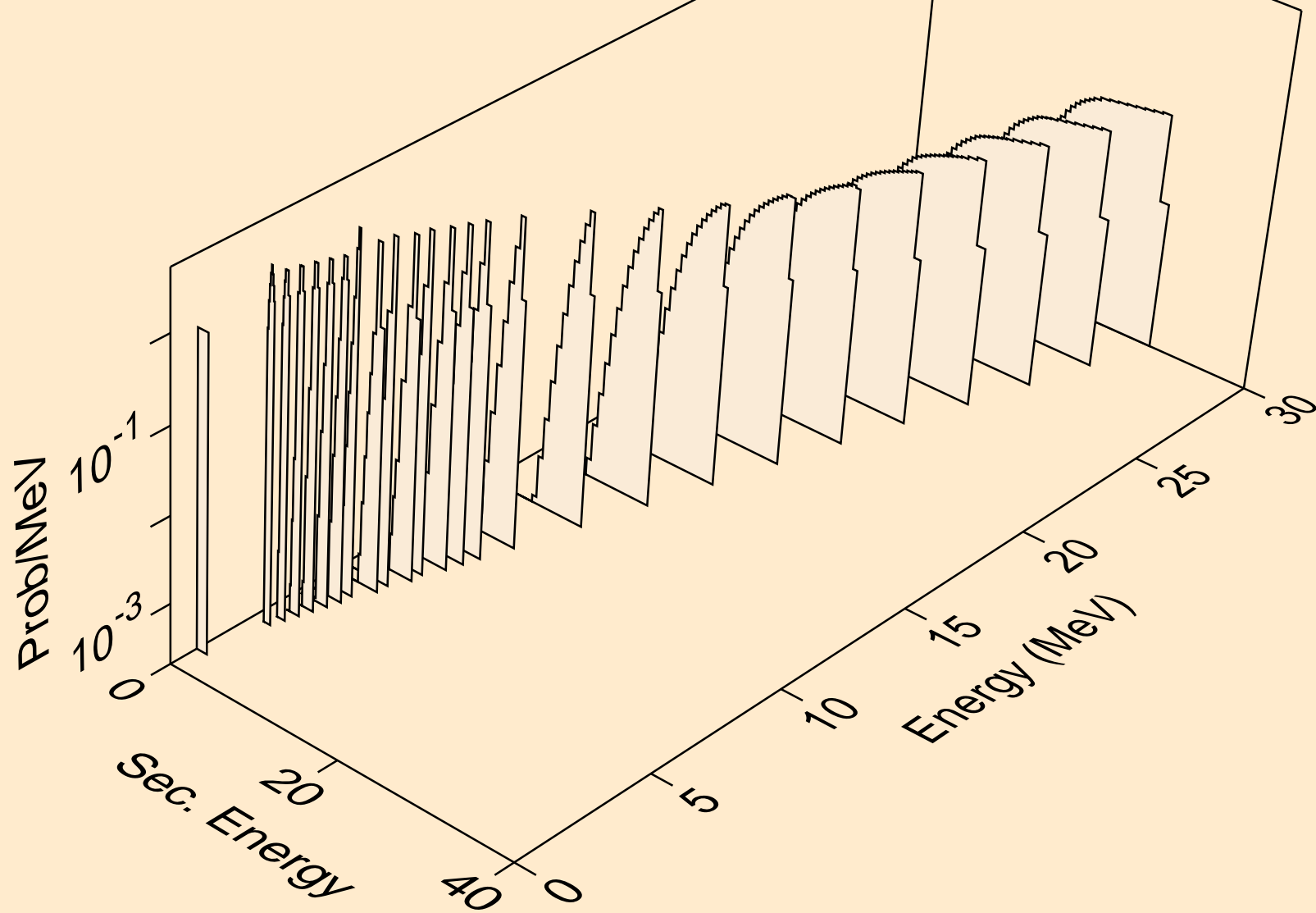
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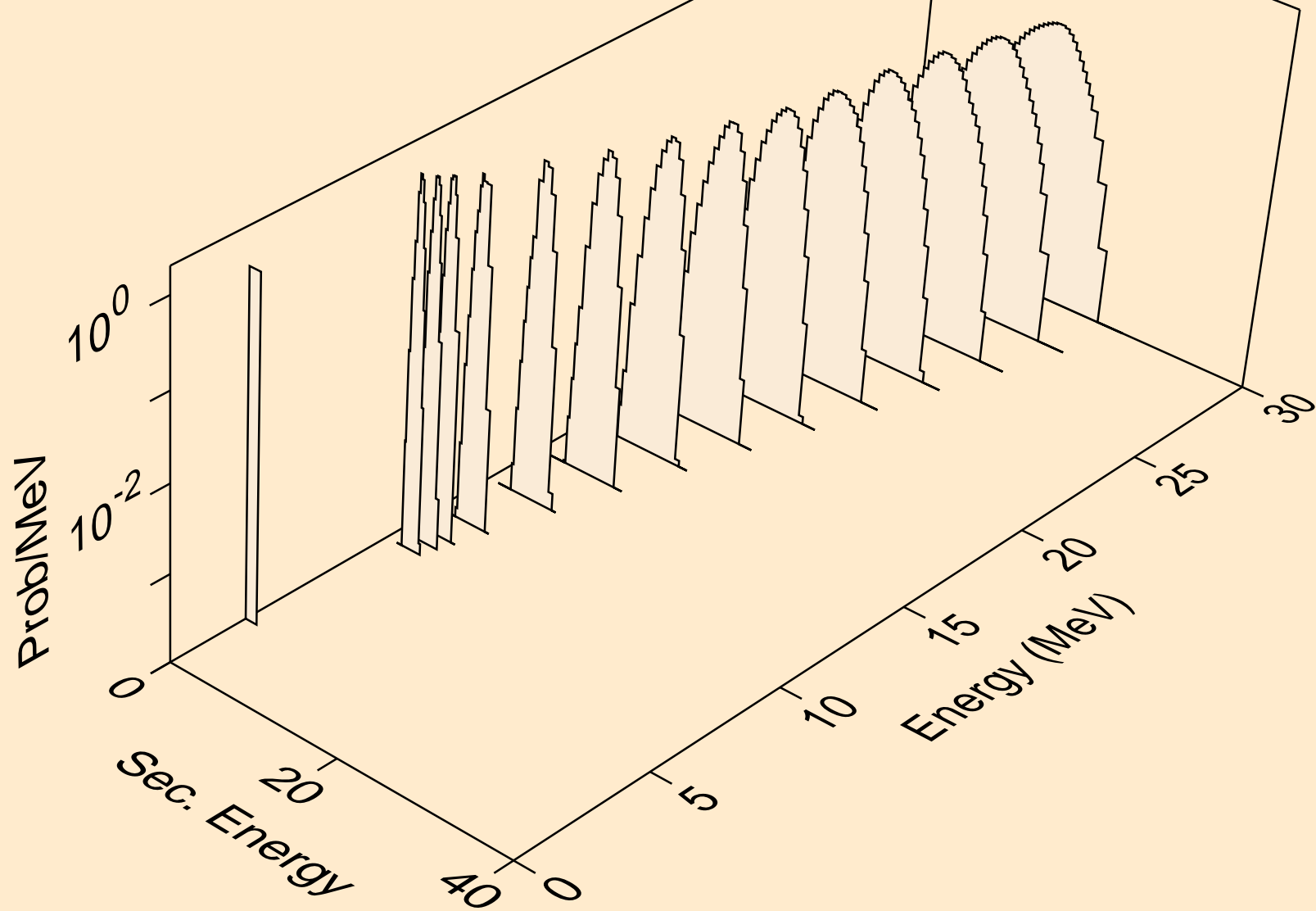
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



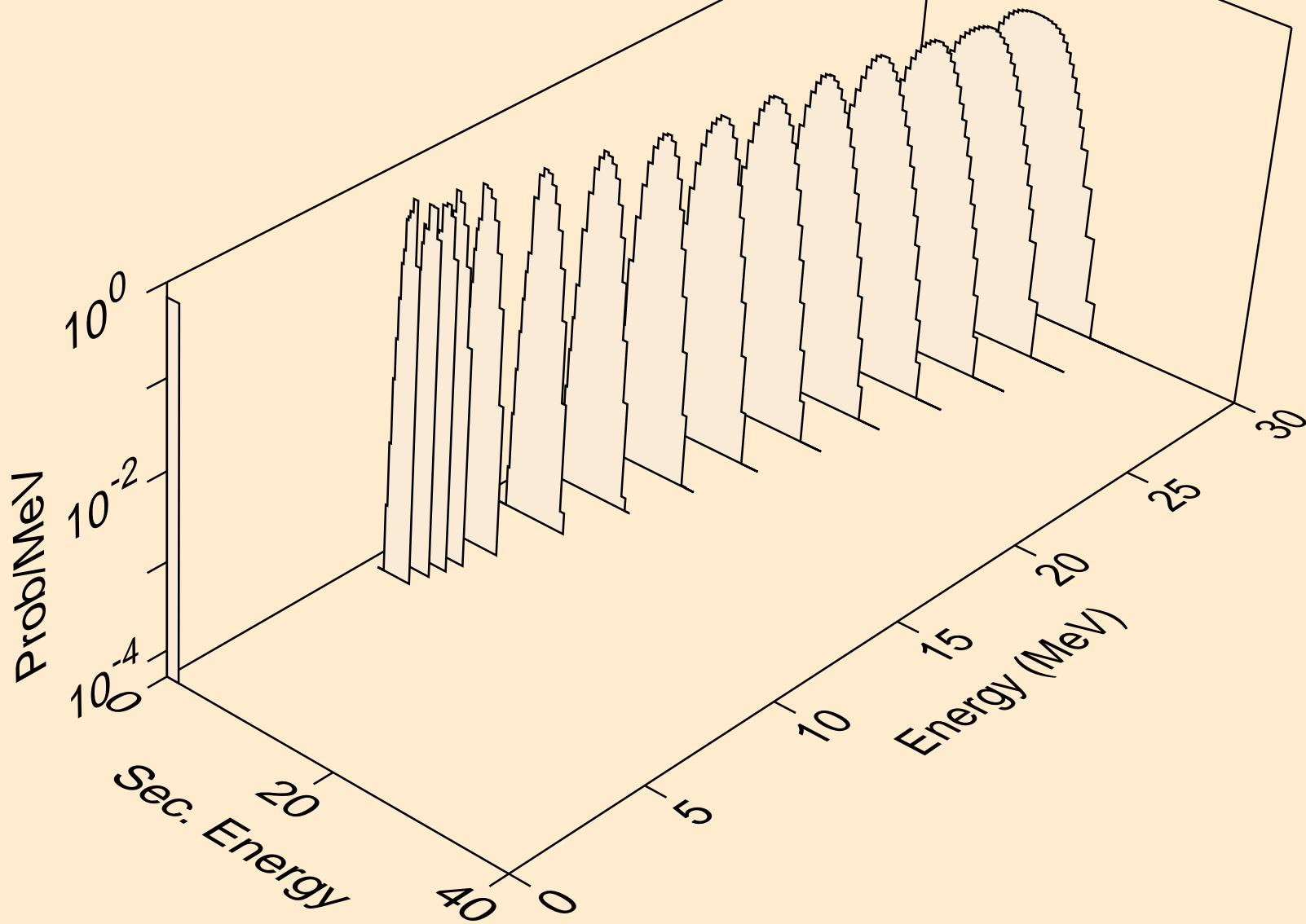
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

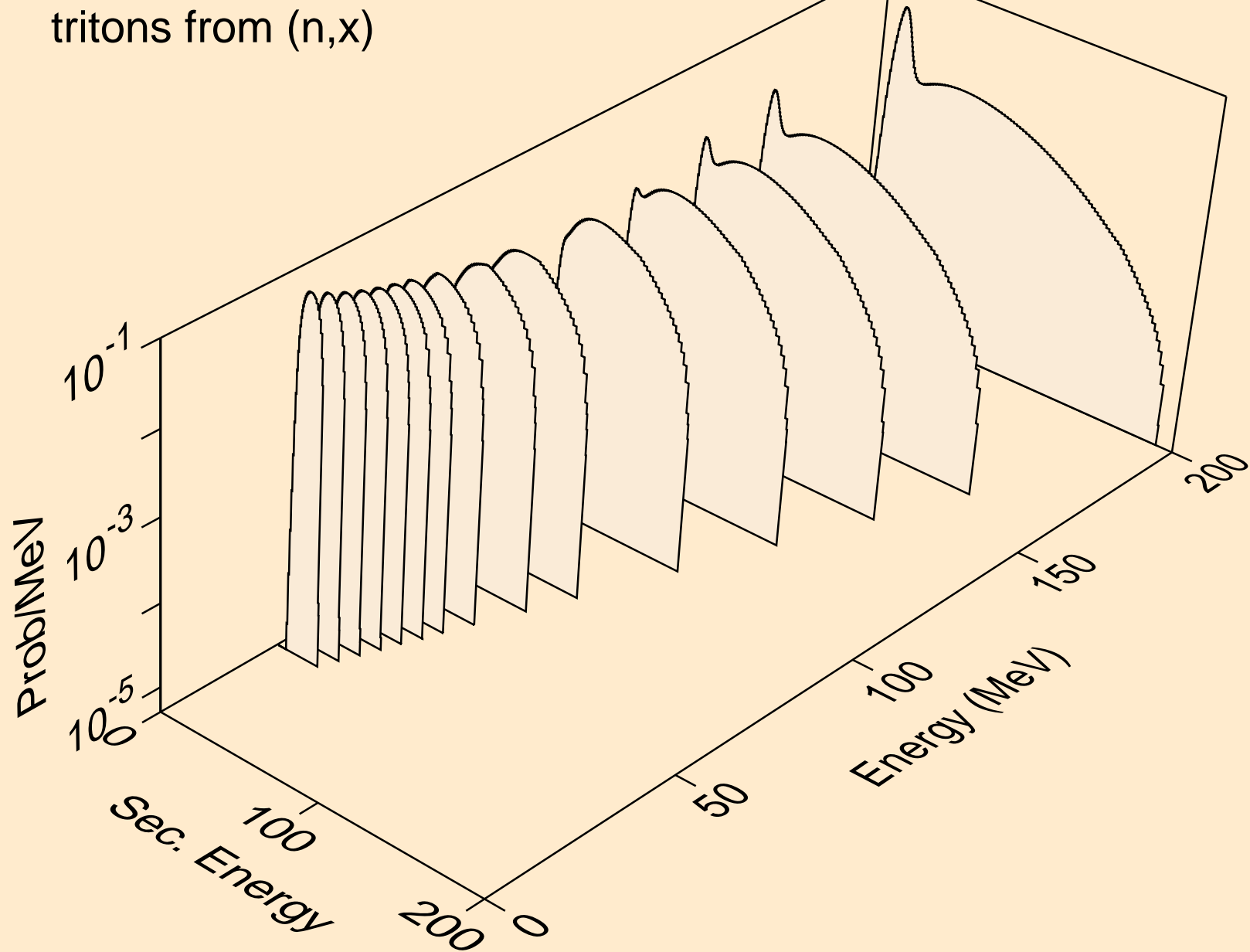


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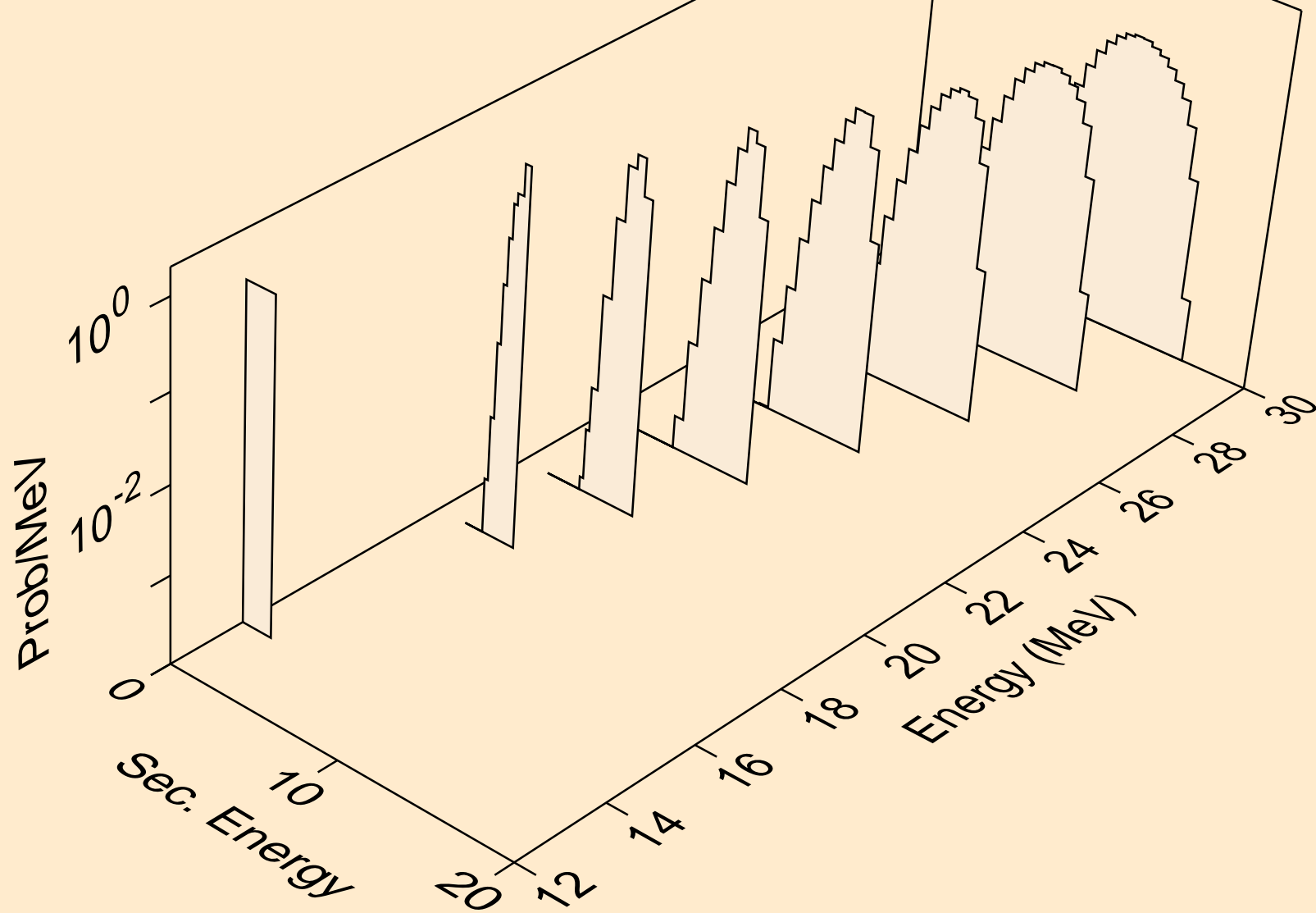




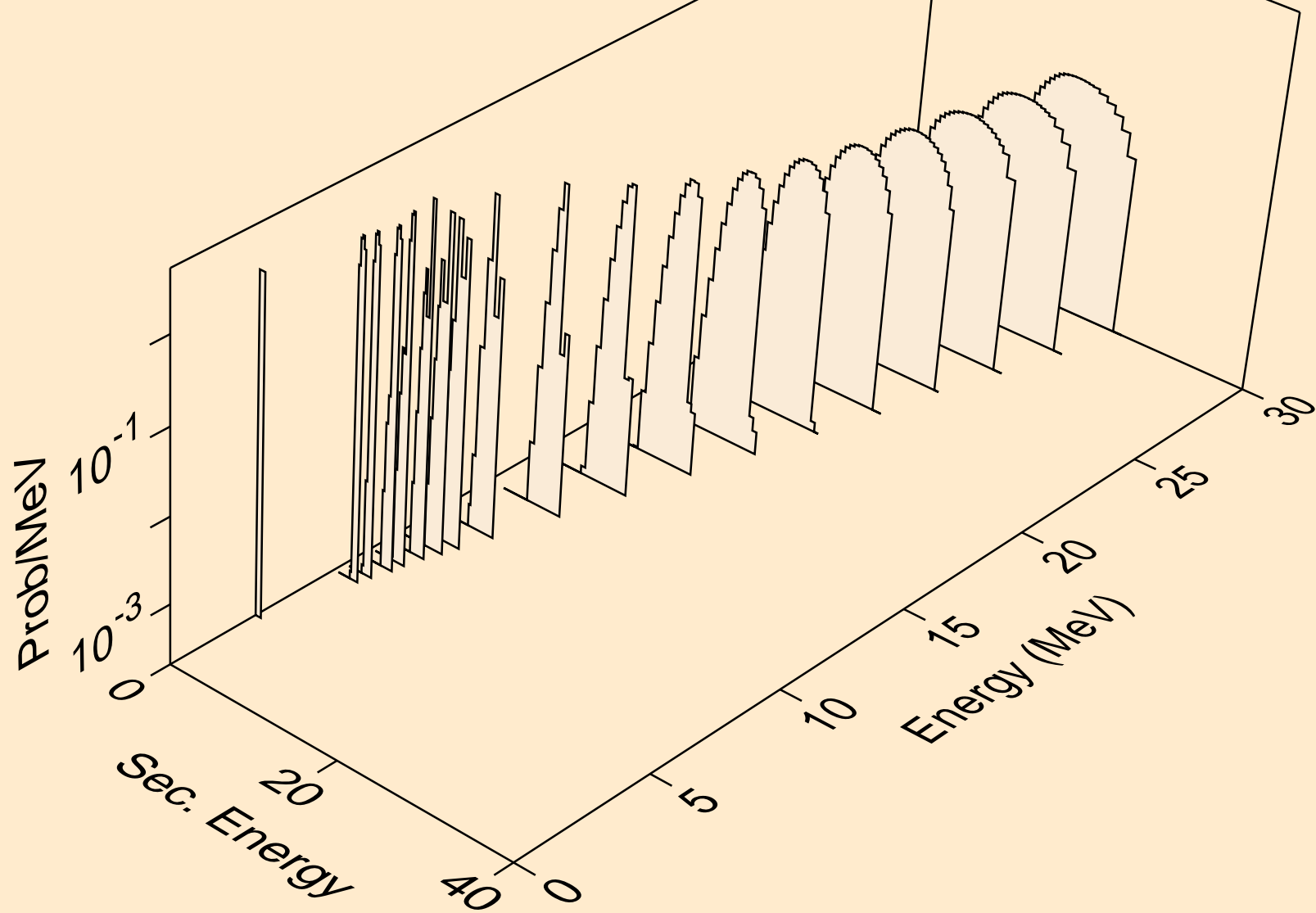
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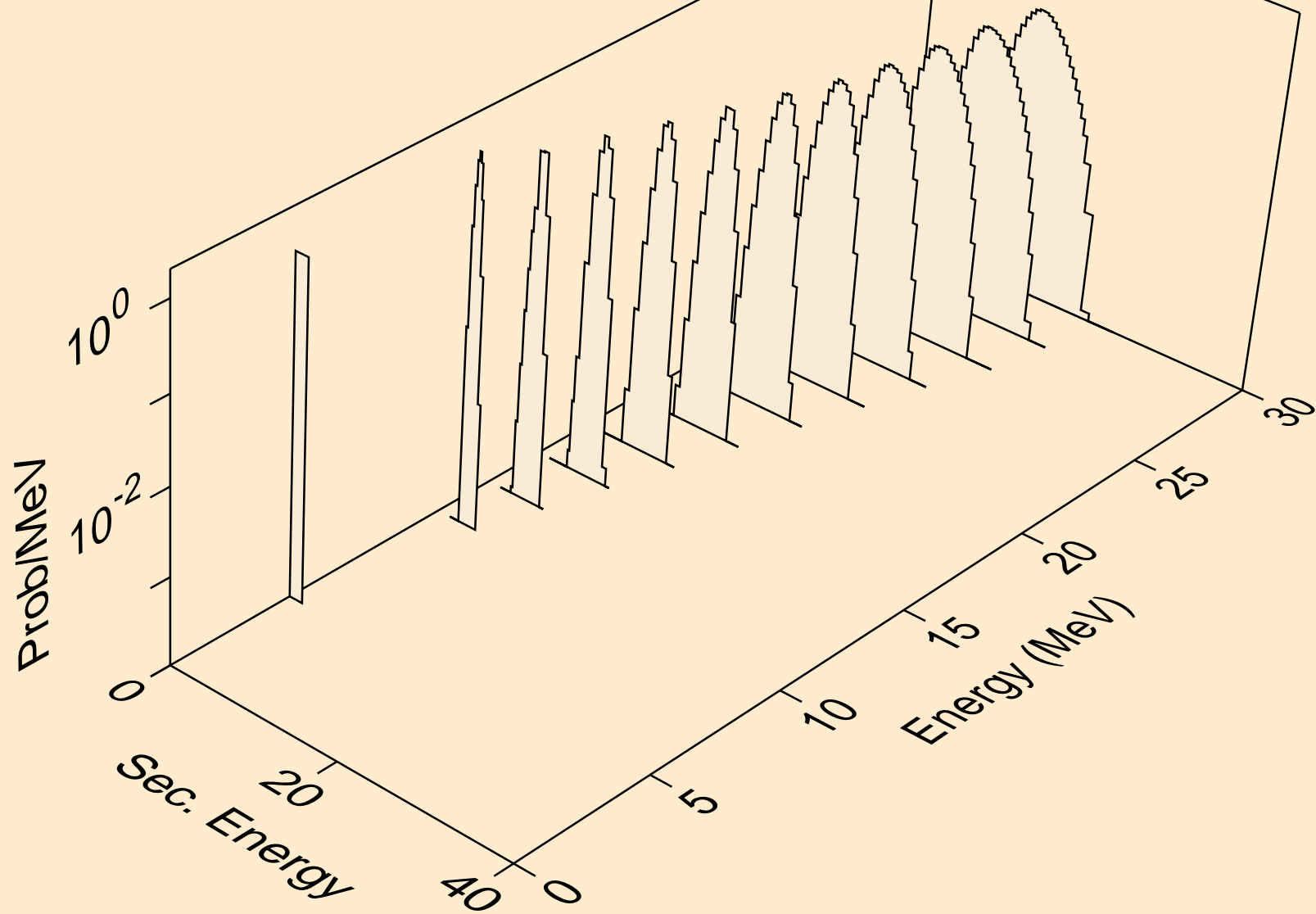
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



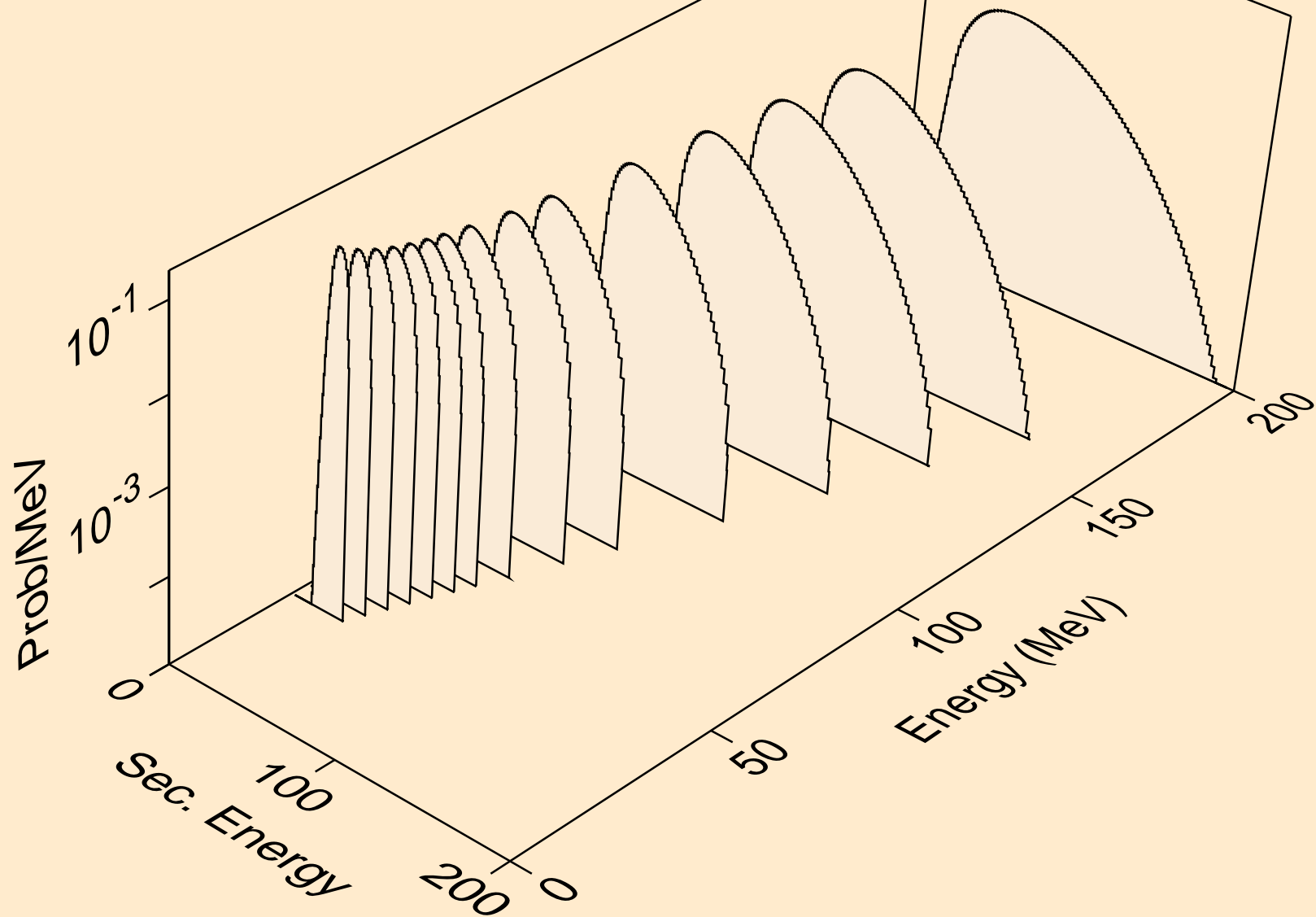
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tritons from (n,t)



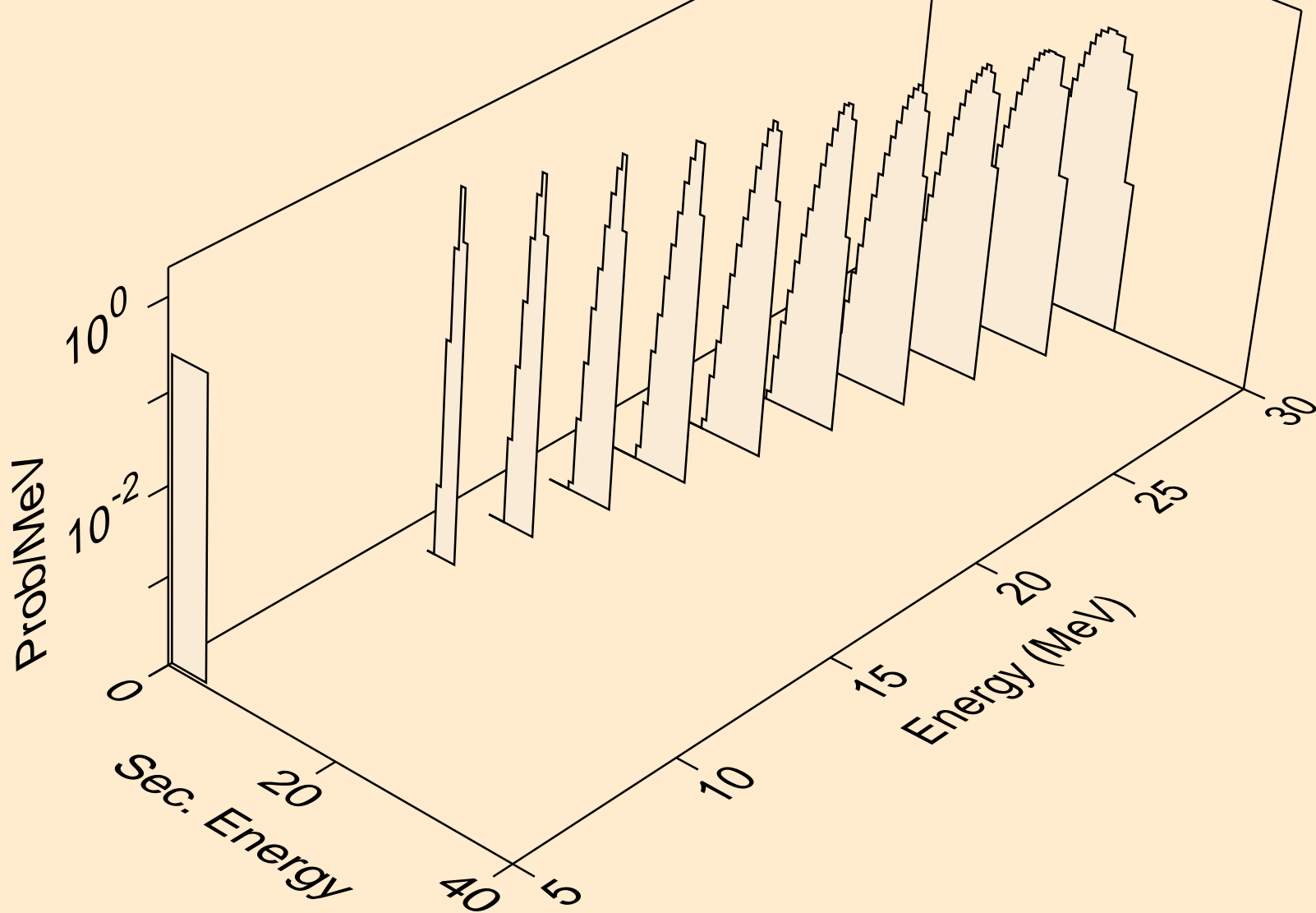
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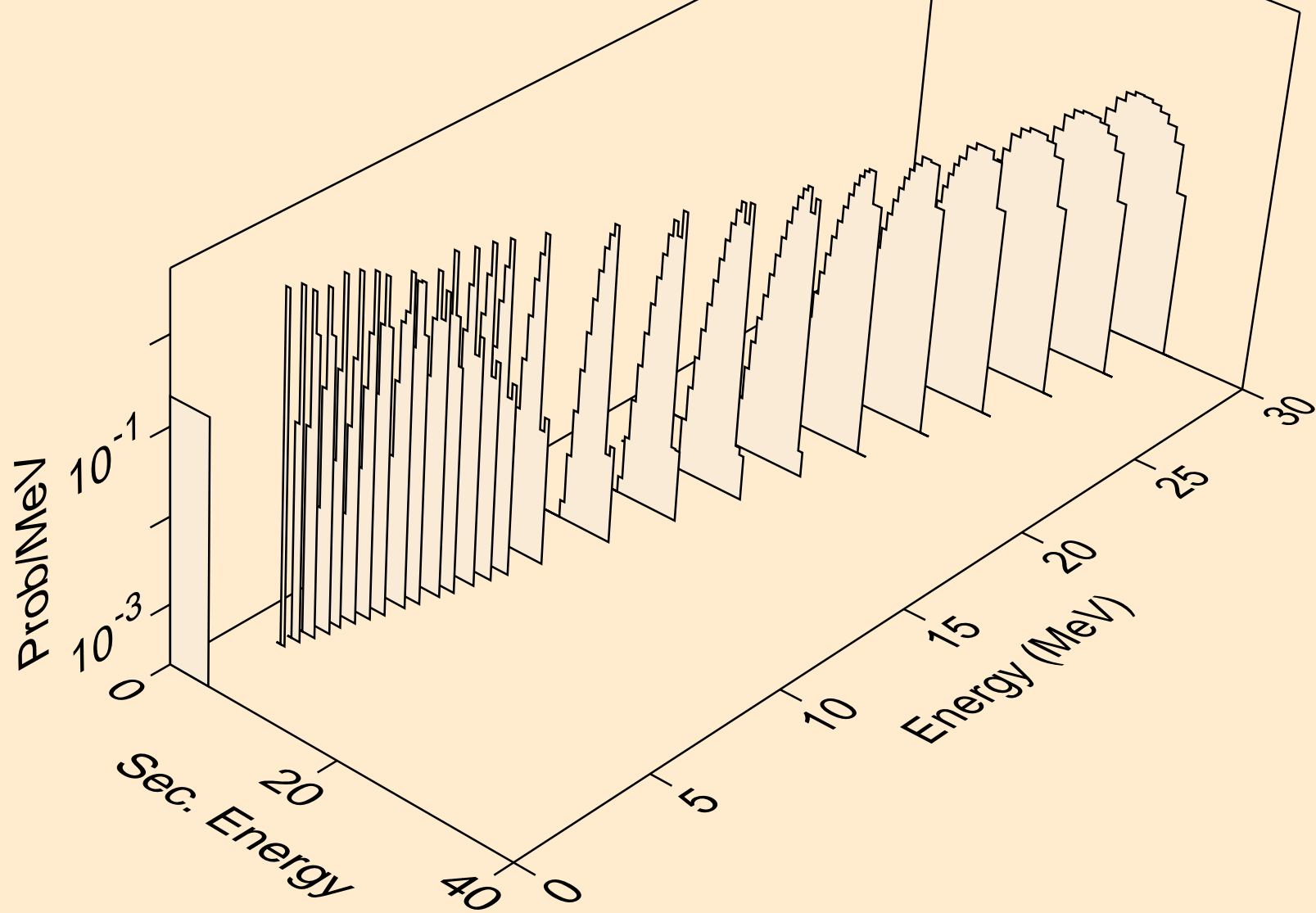
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he3s from (n,x)



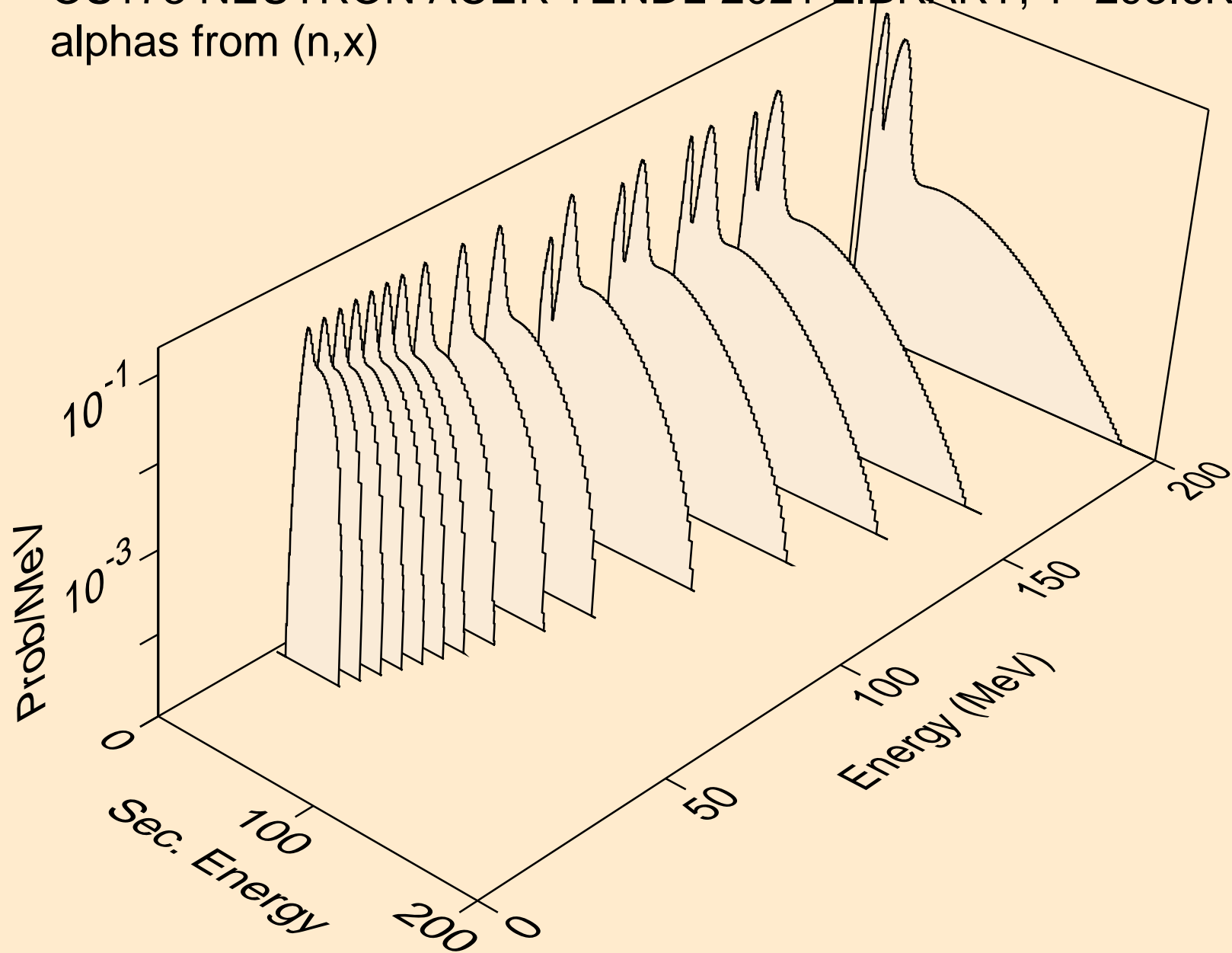
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

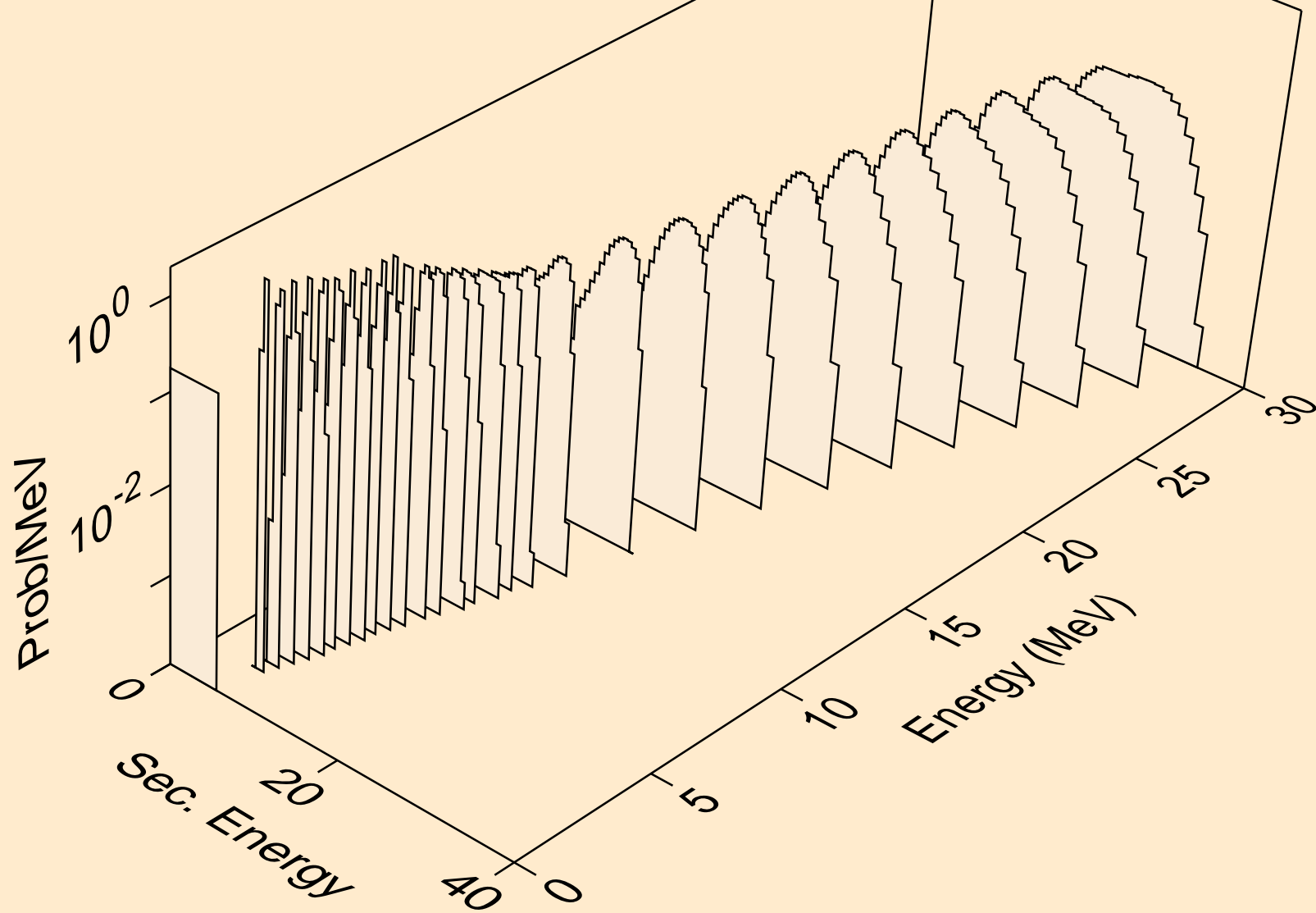


OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

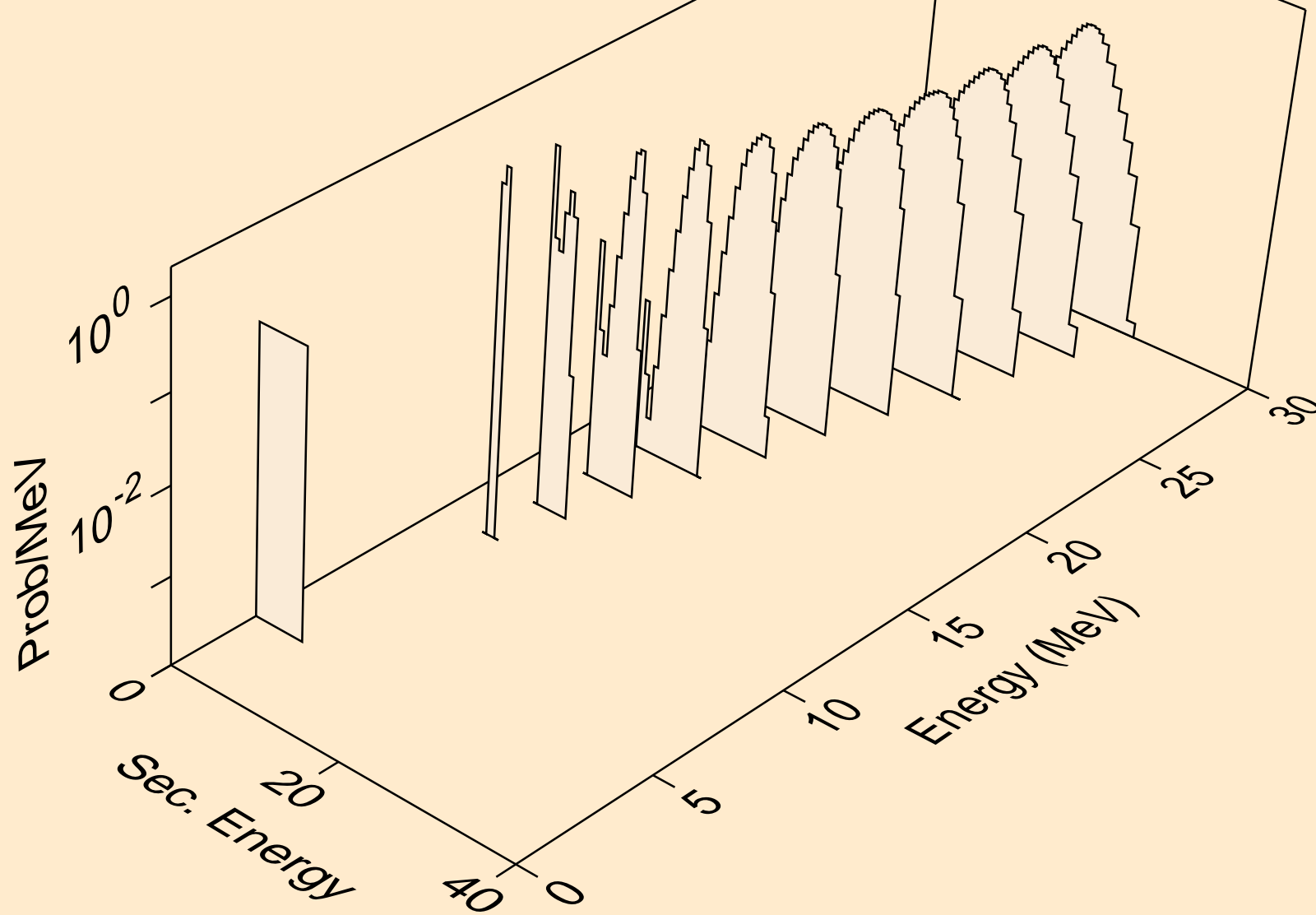




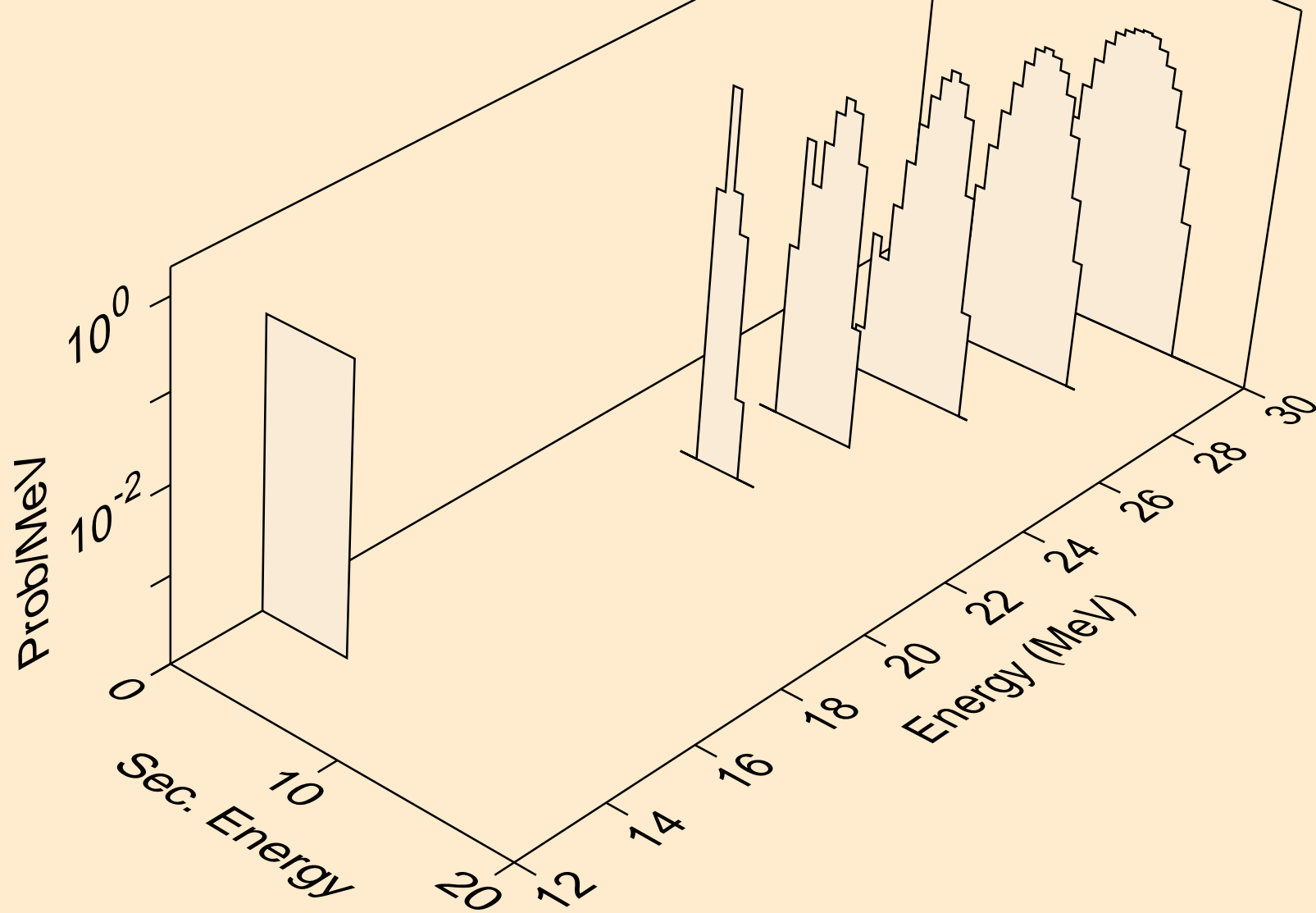
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



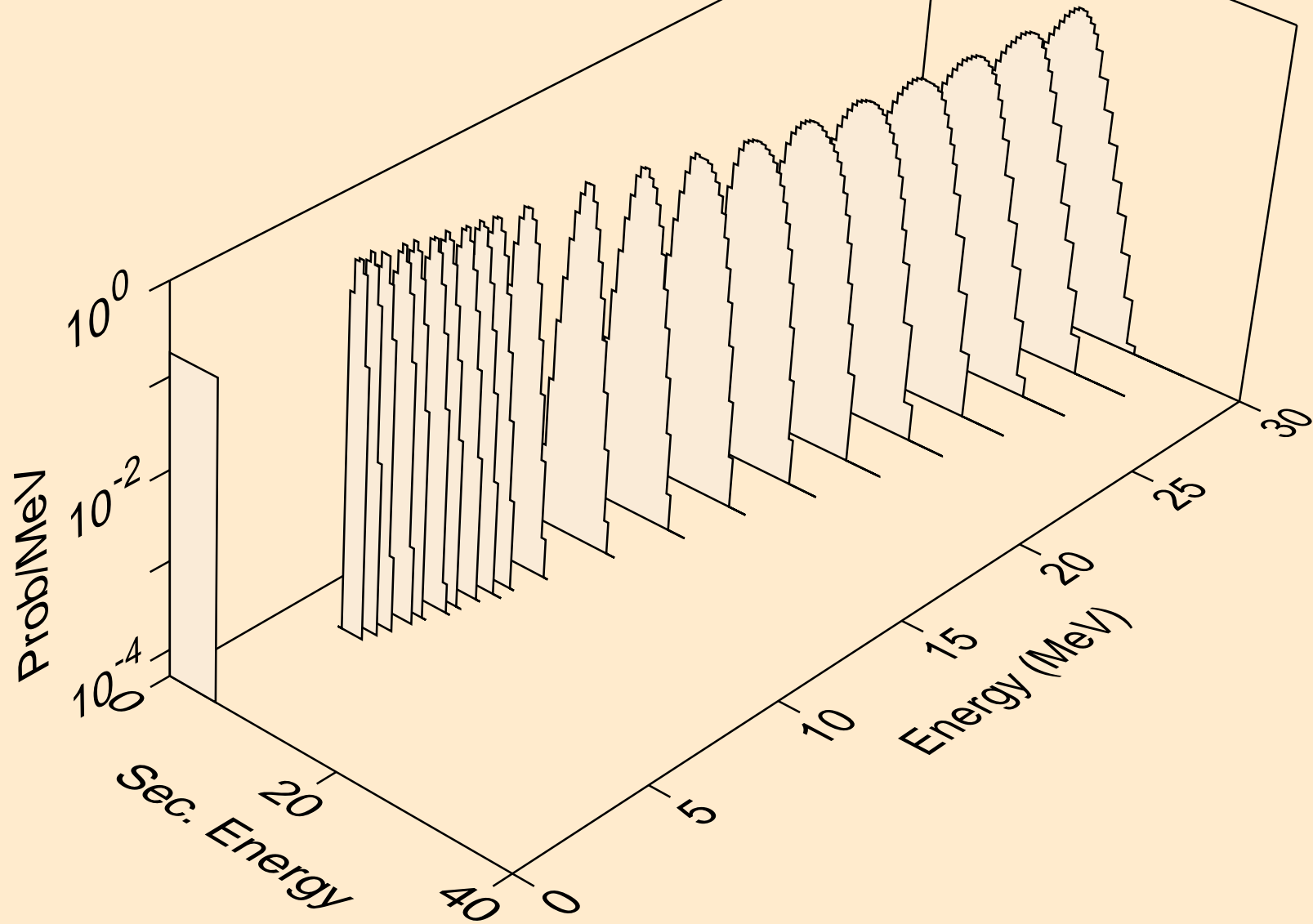
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



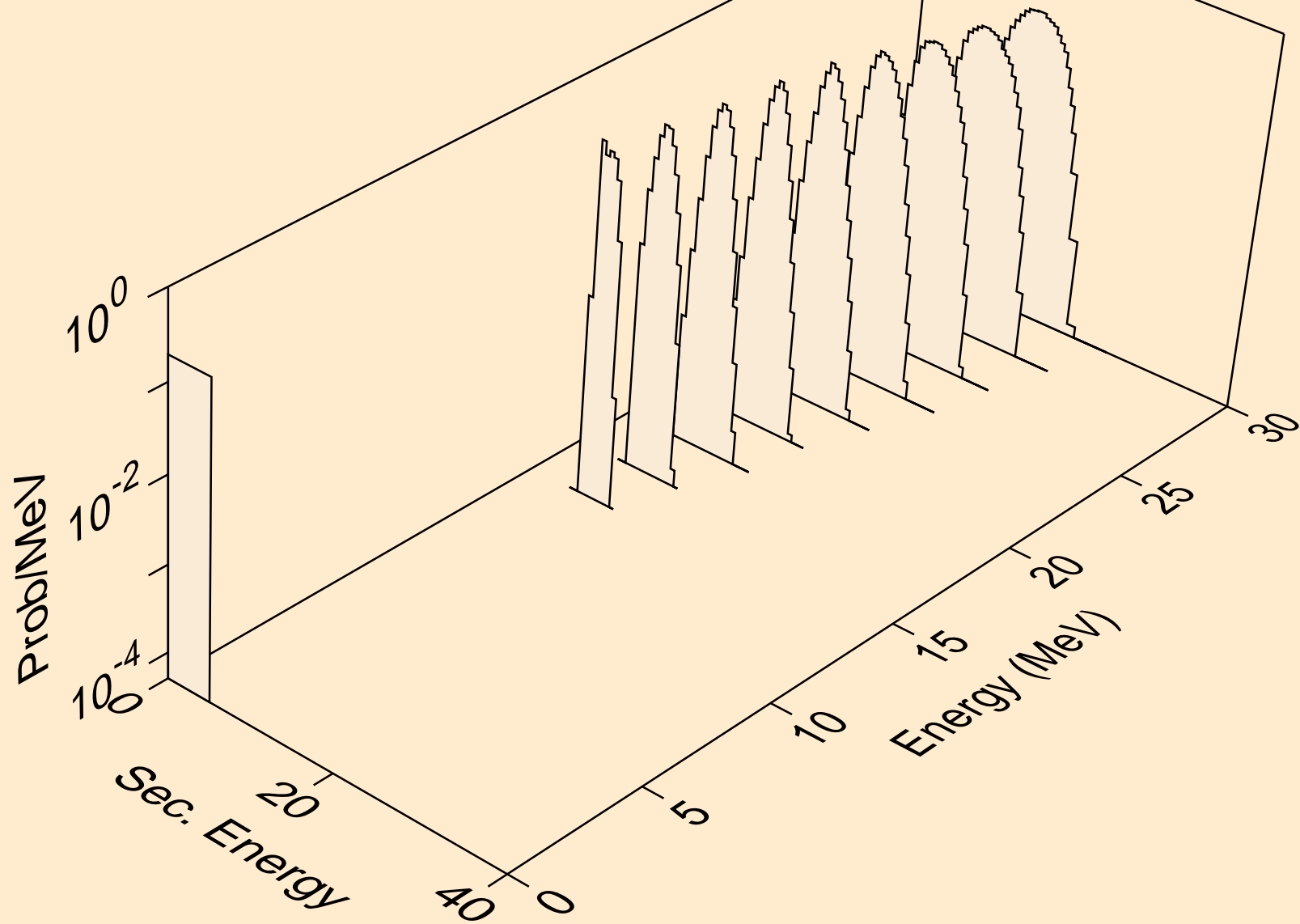
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



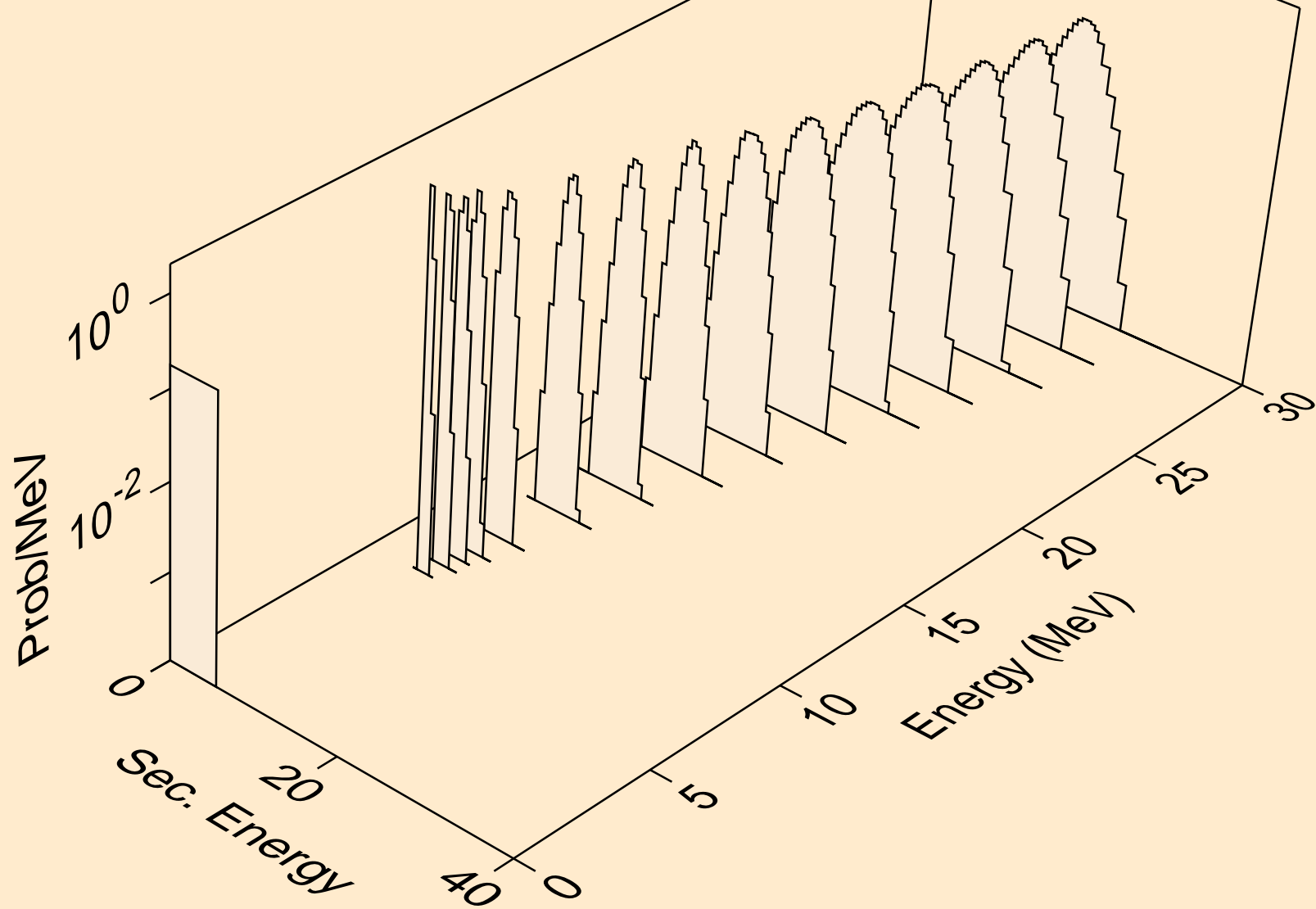
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alphas from (n,n\*)2a



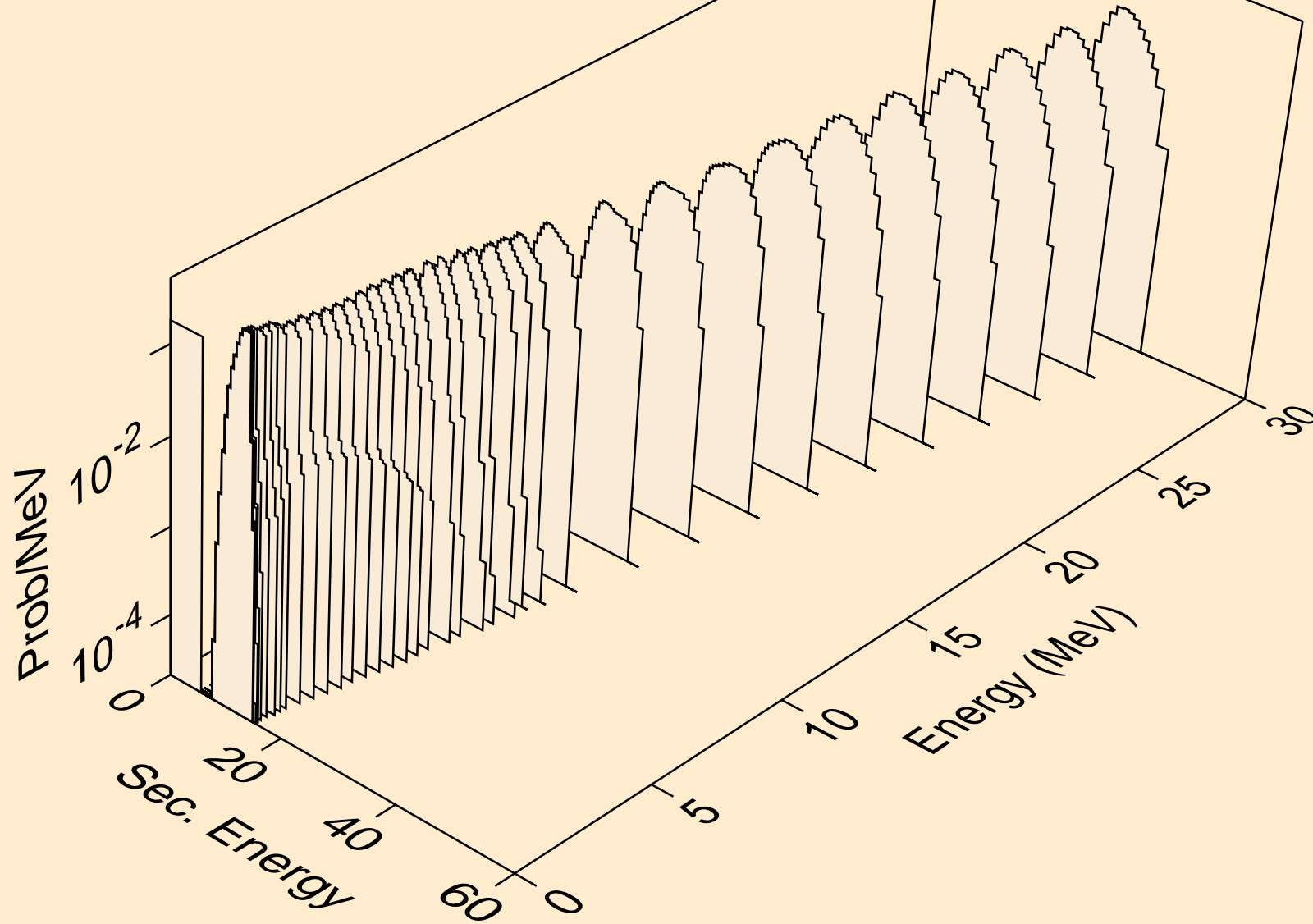
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alphas from (n,2n)2a



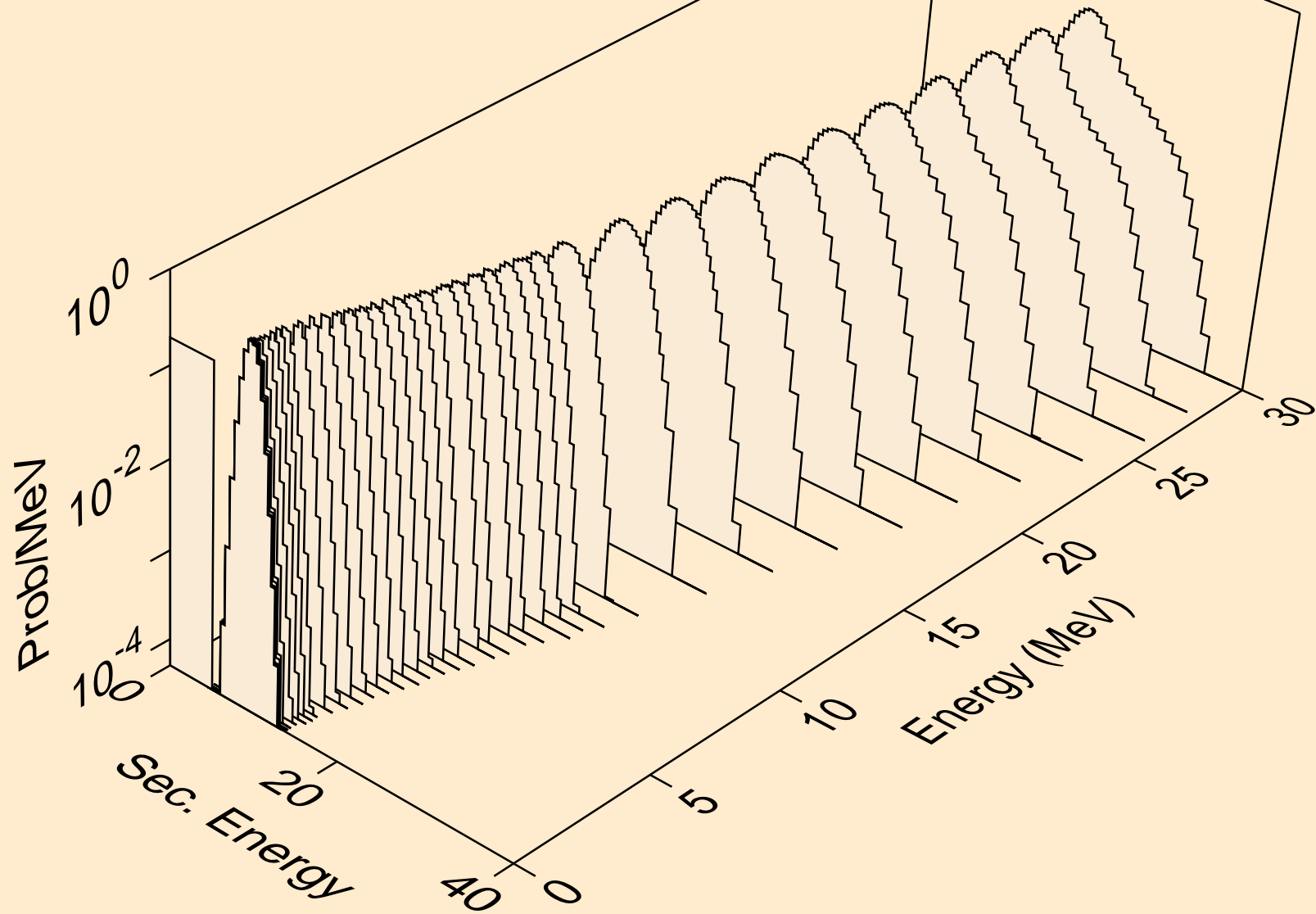
OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

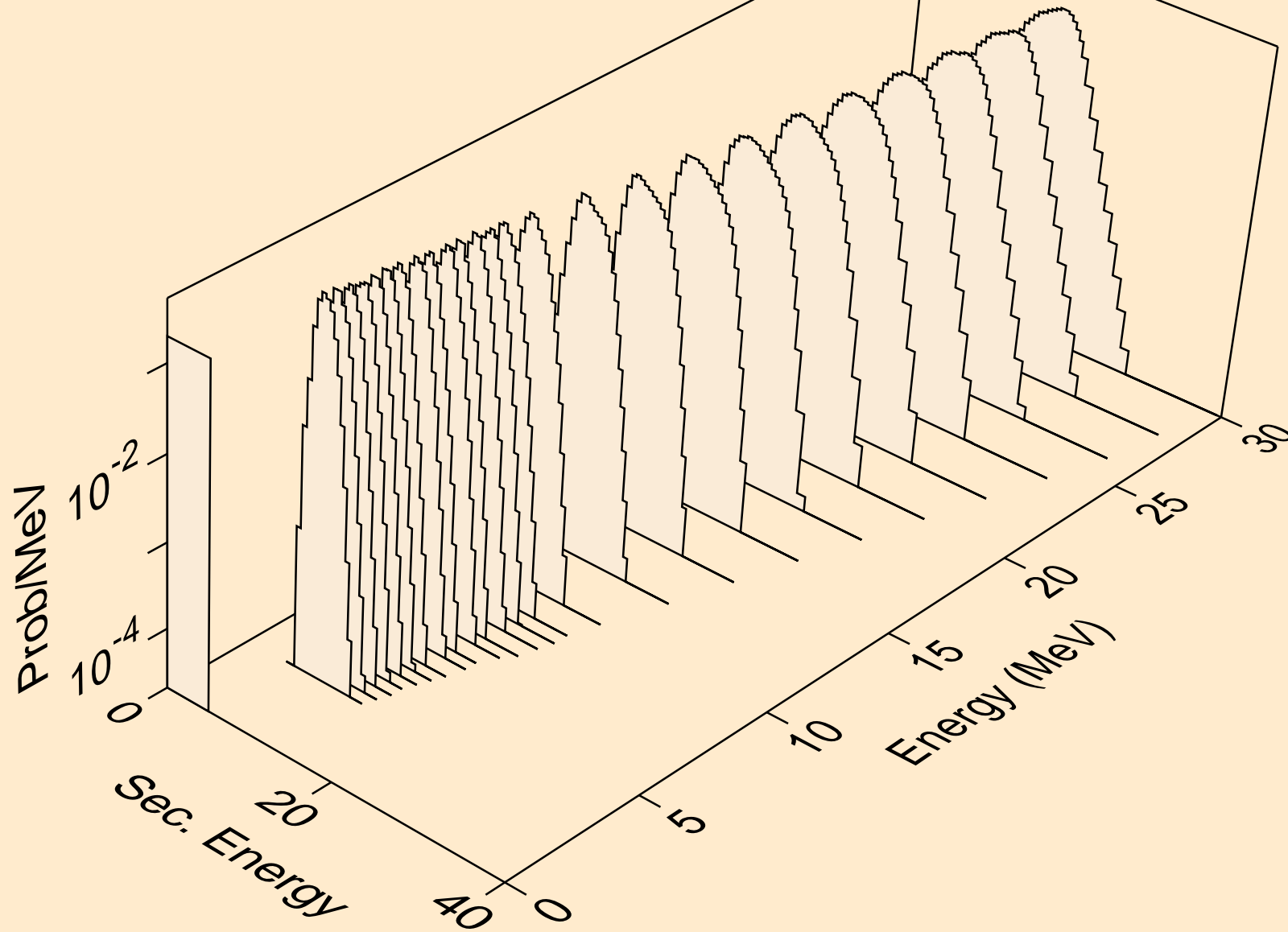


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alphas from (n,2a)

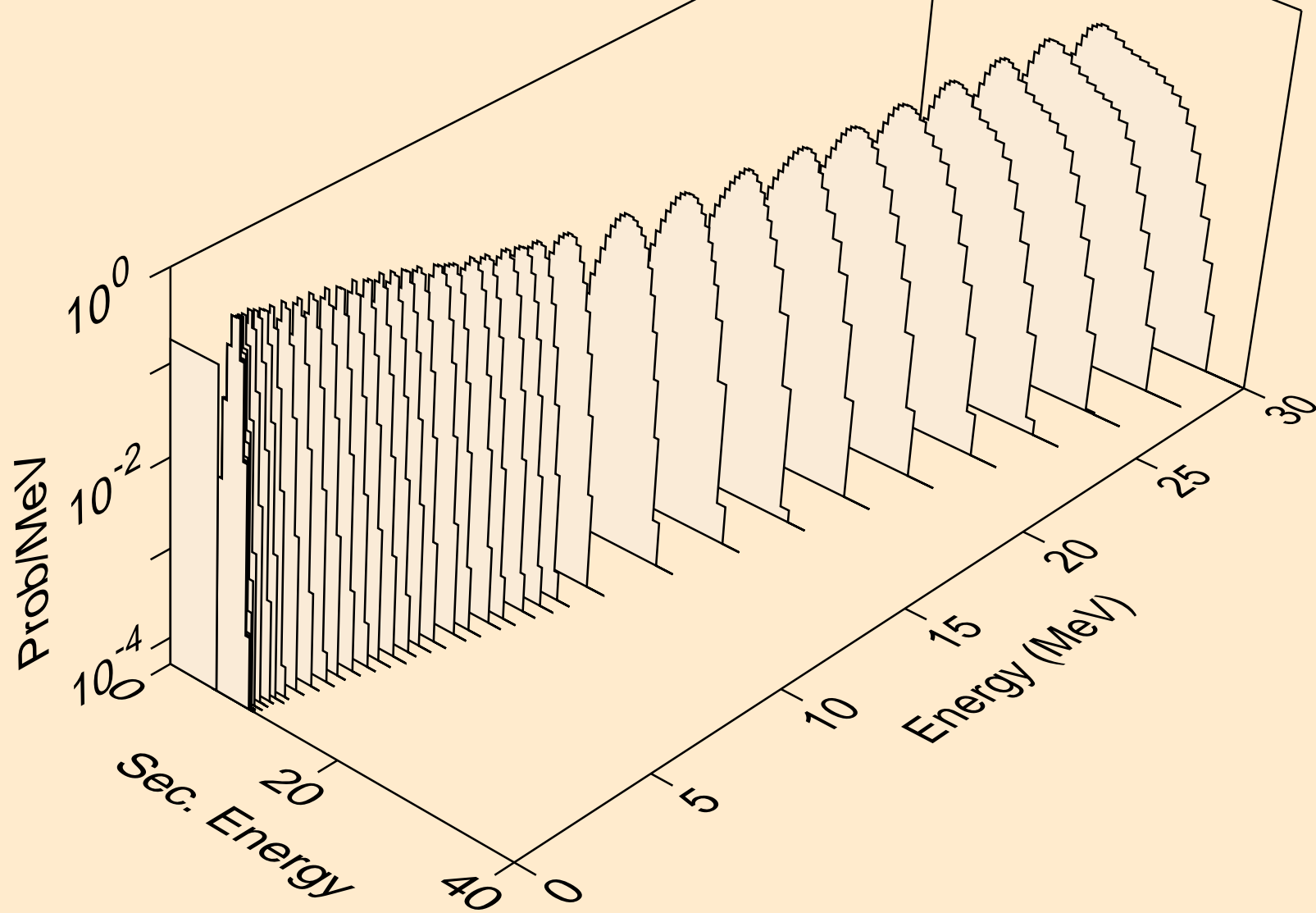




OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



OS173 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

