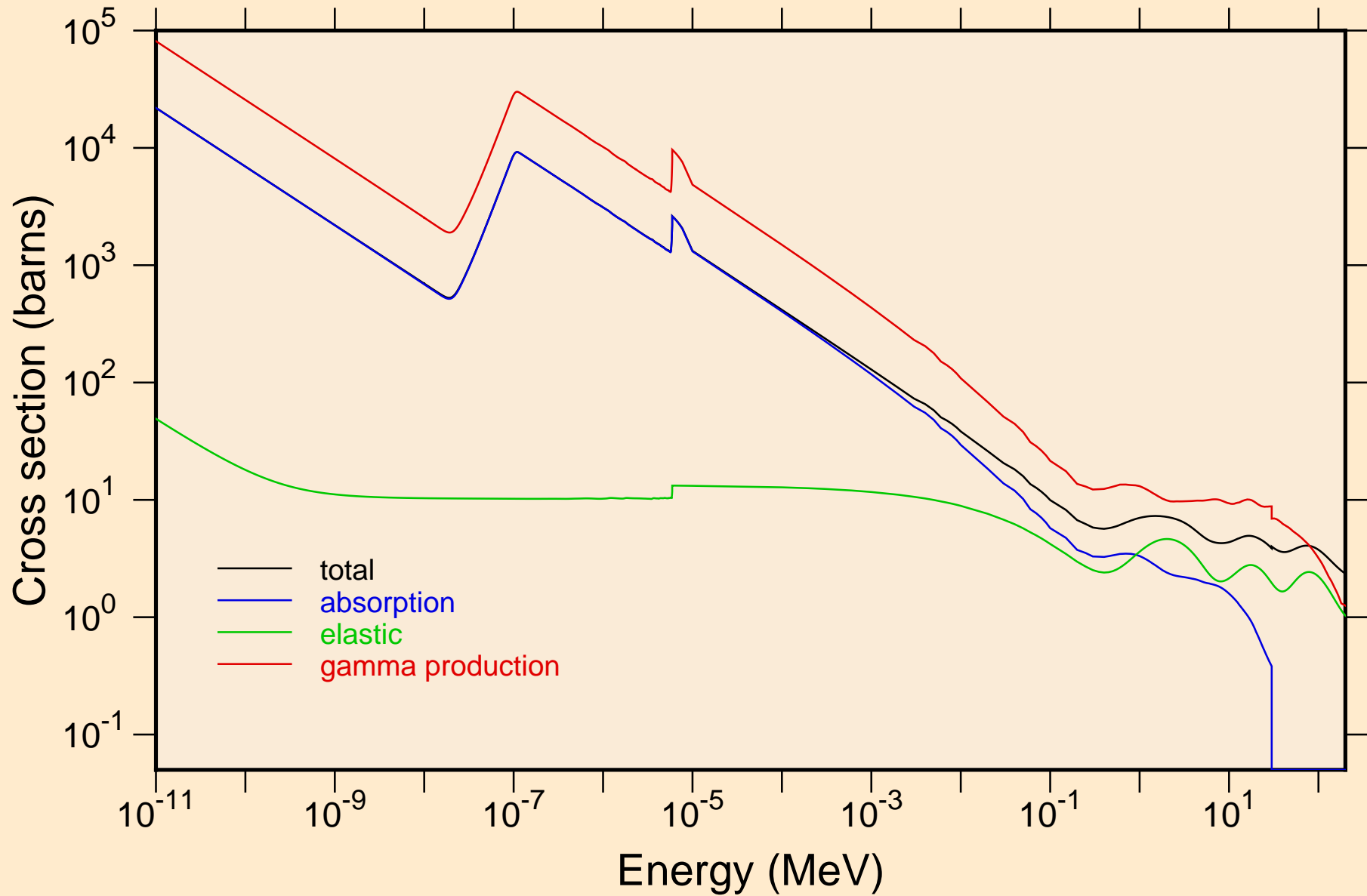
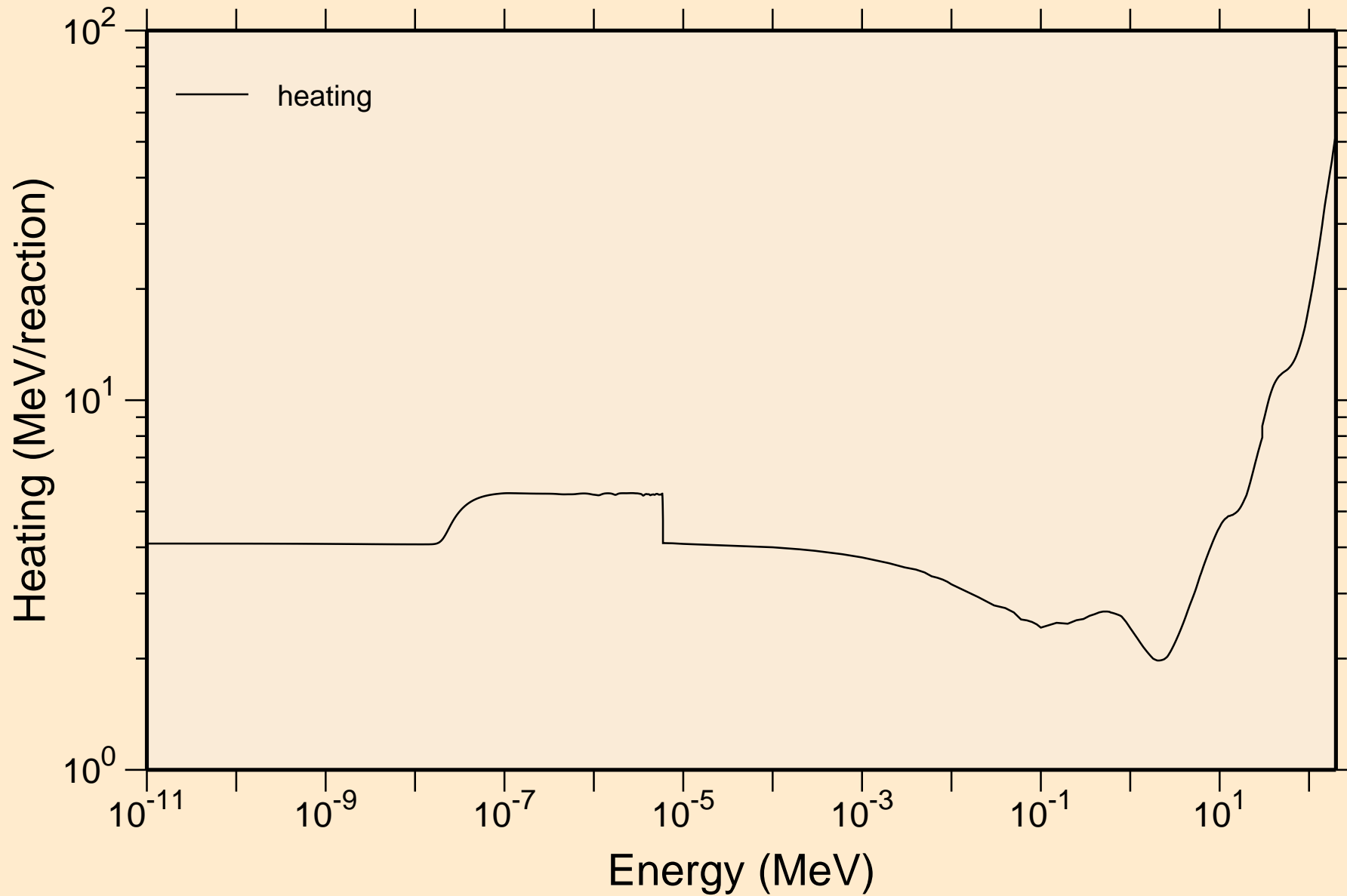


# HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

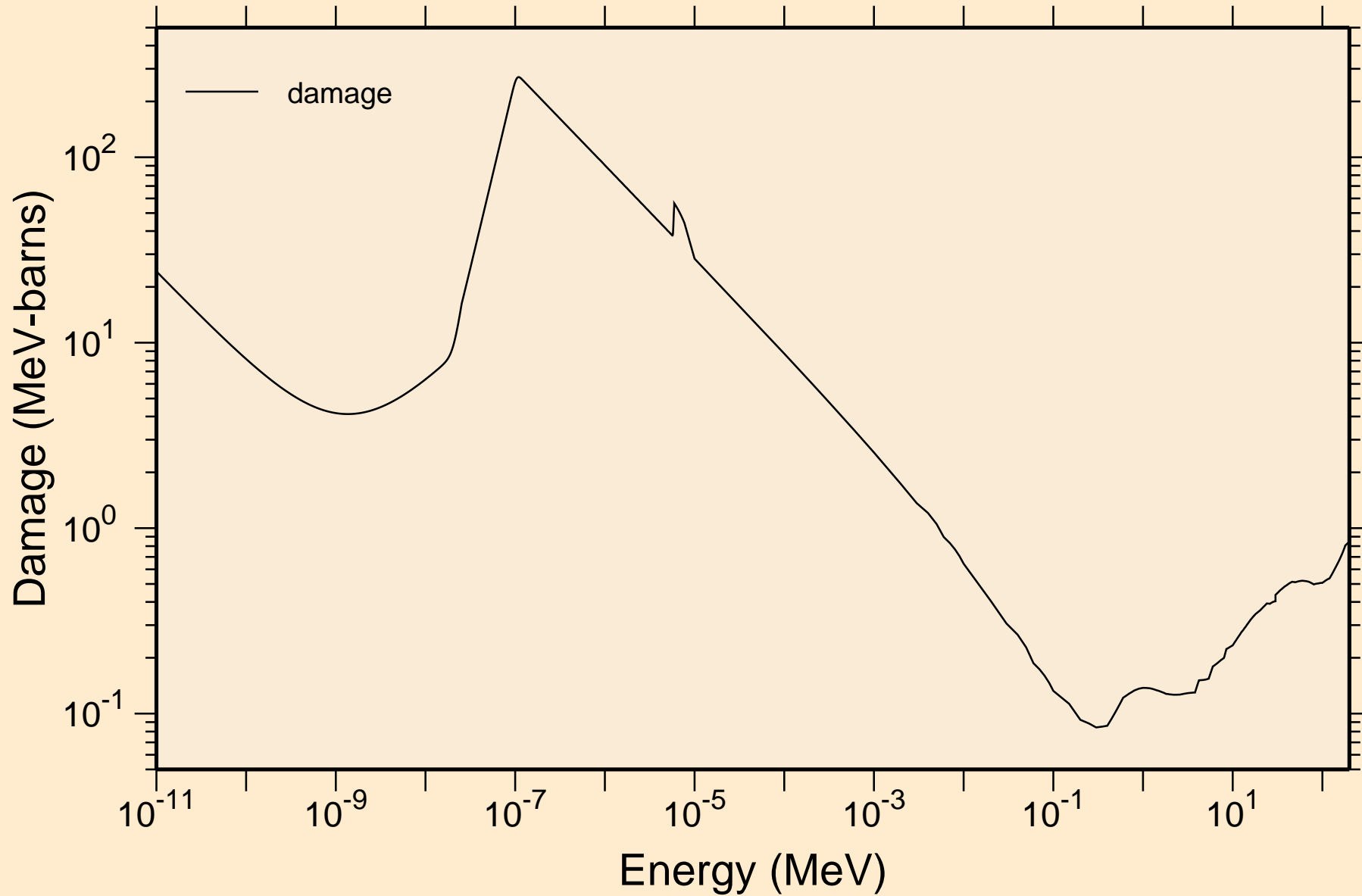
## Principal cross sections



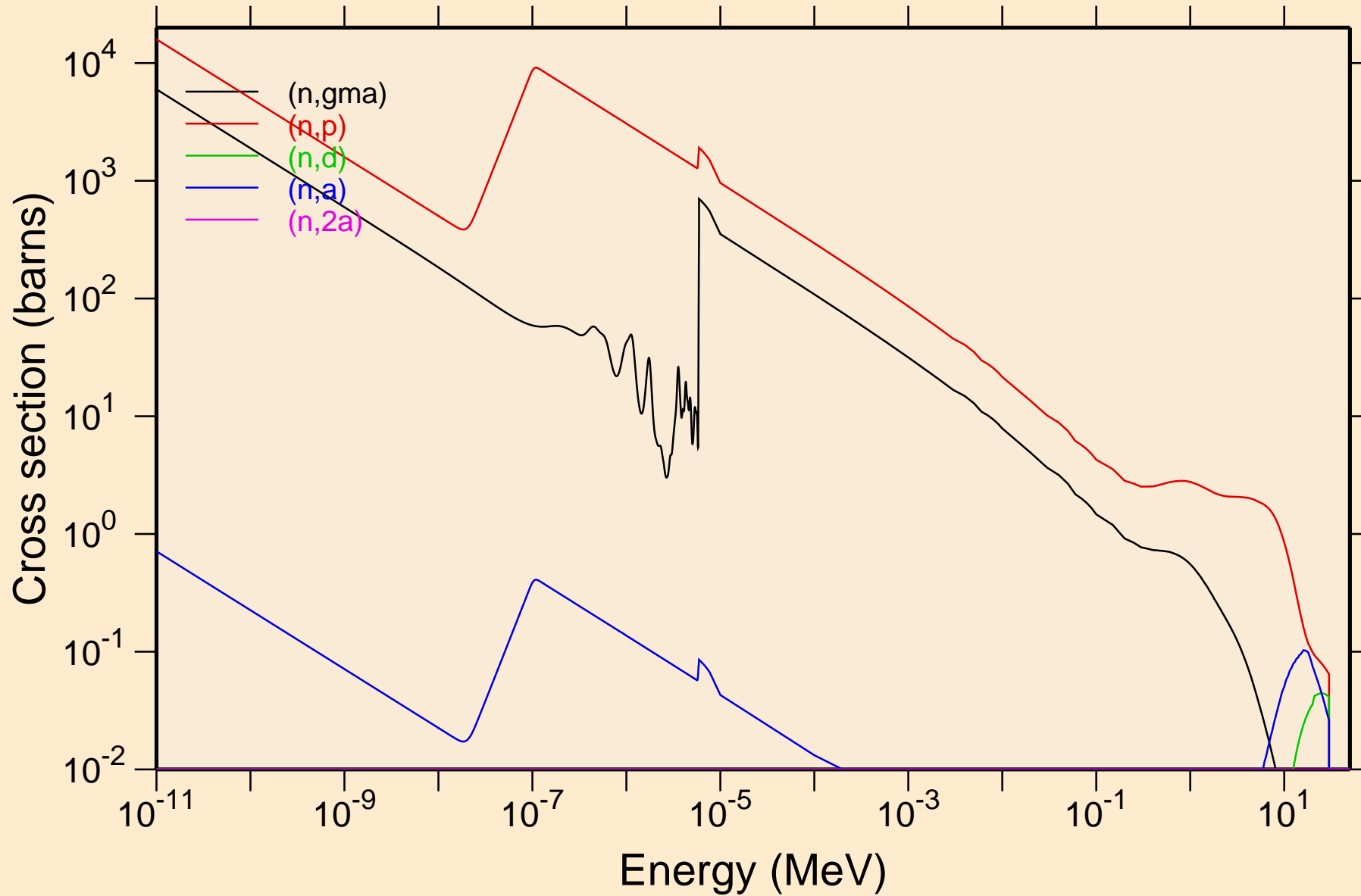
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



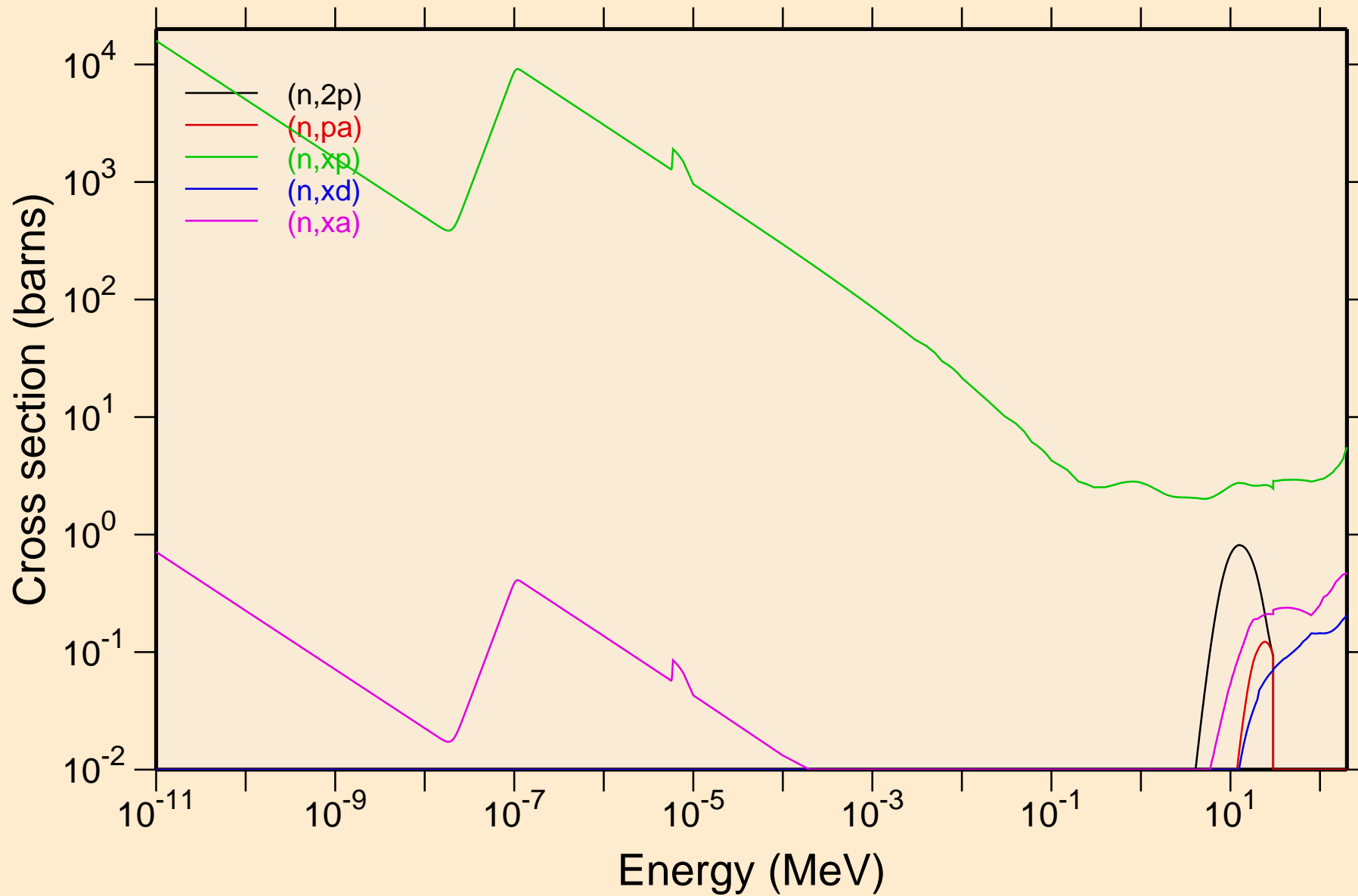
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



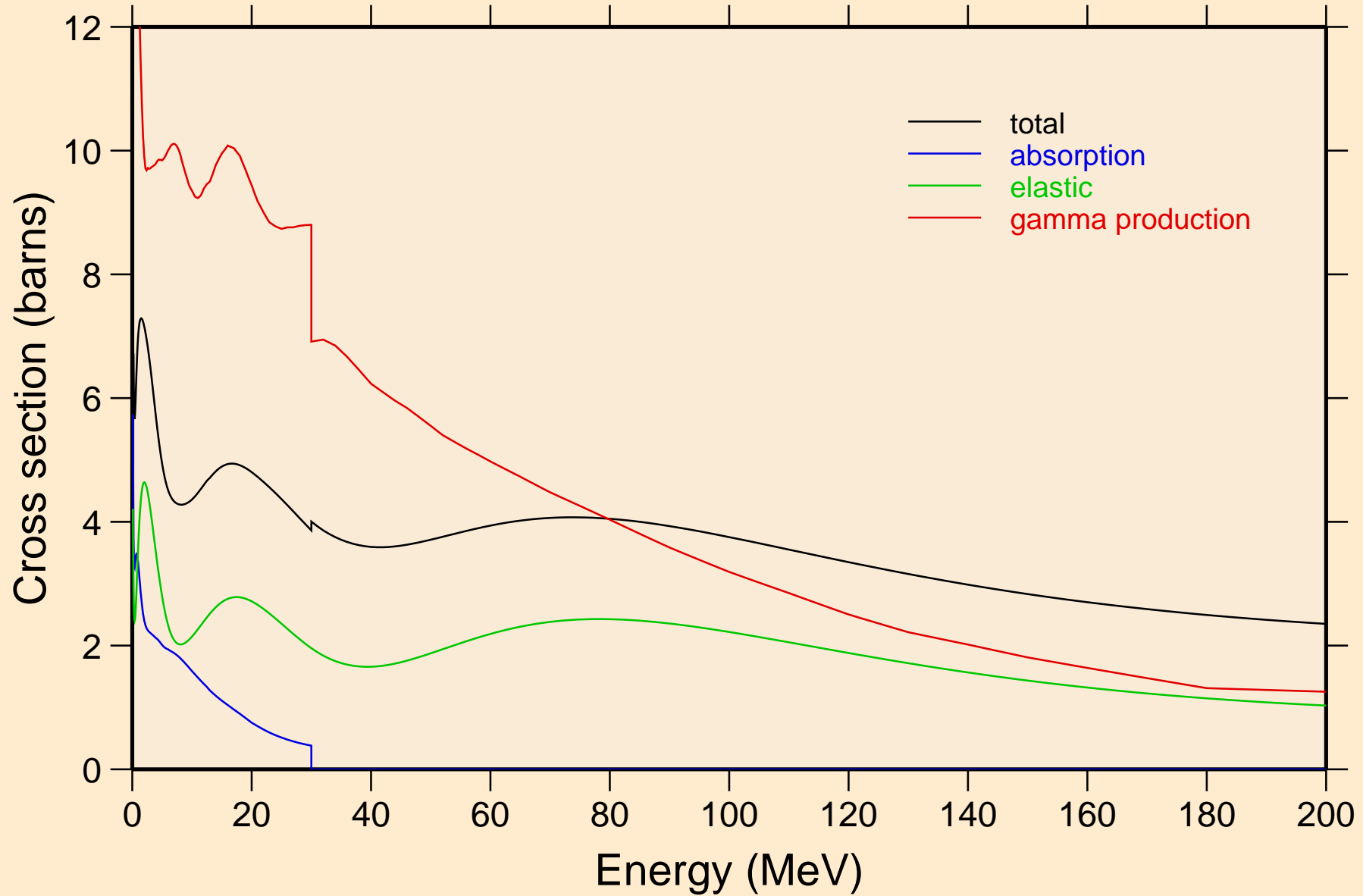
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



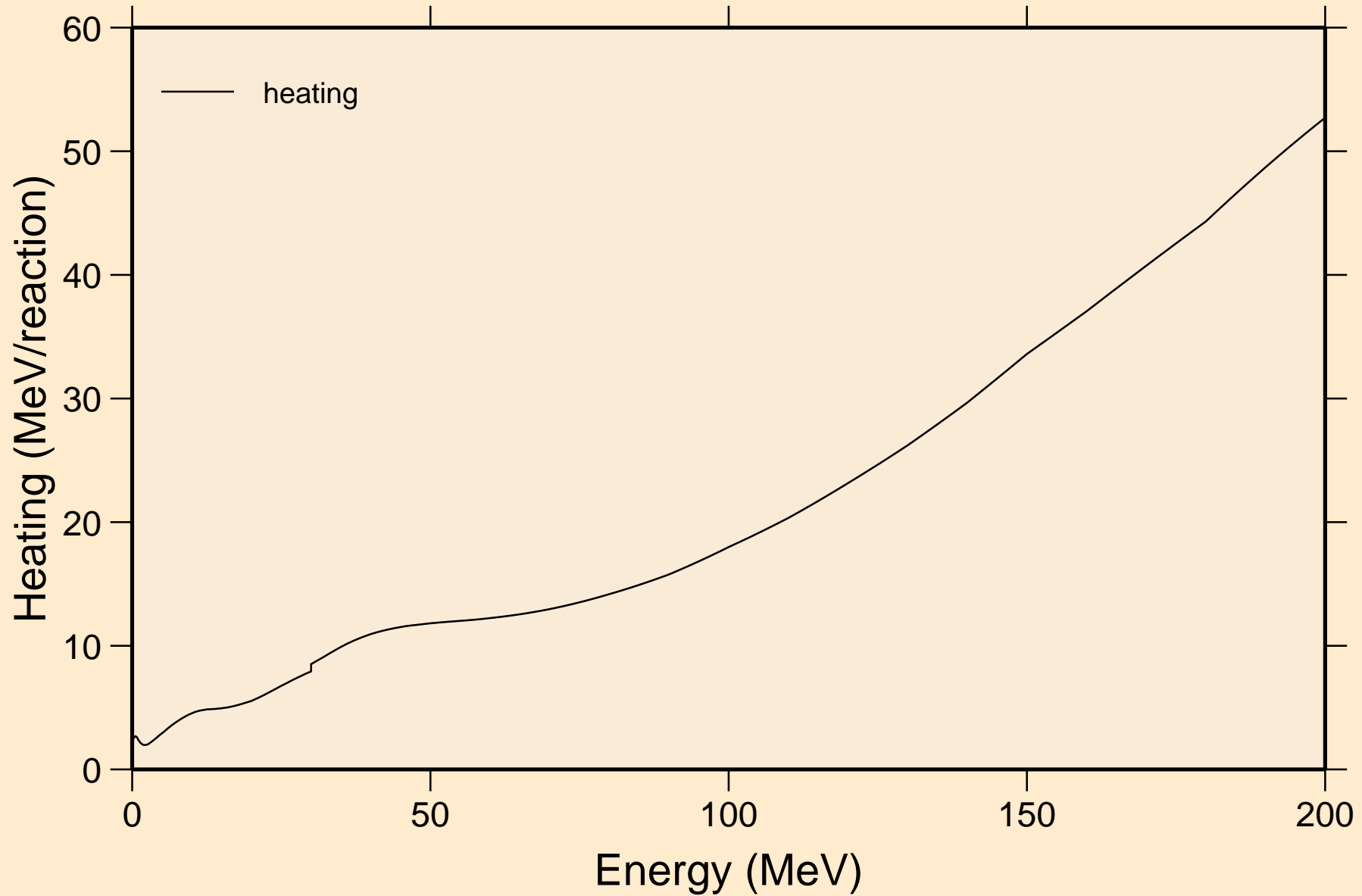
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

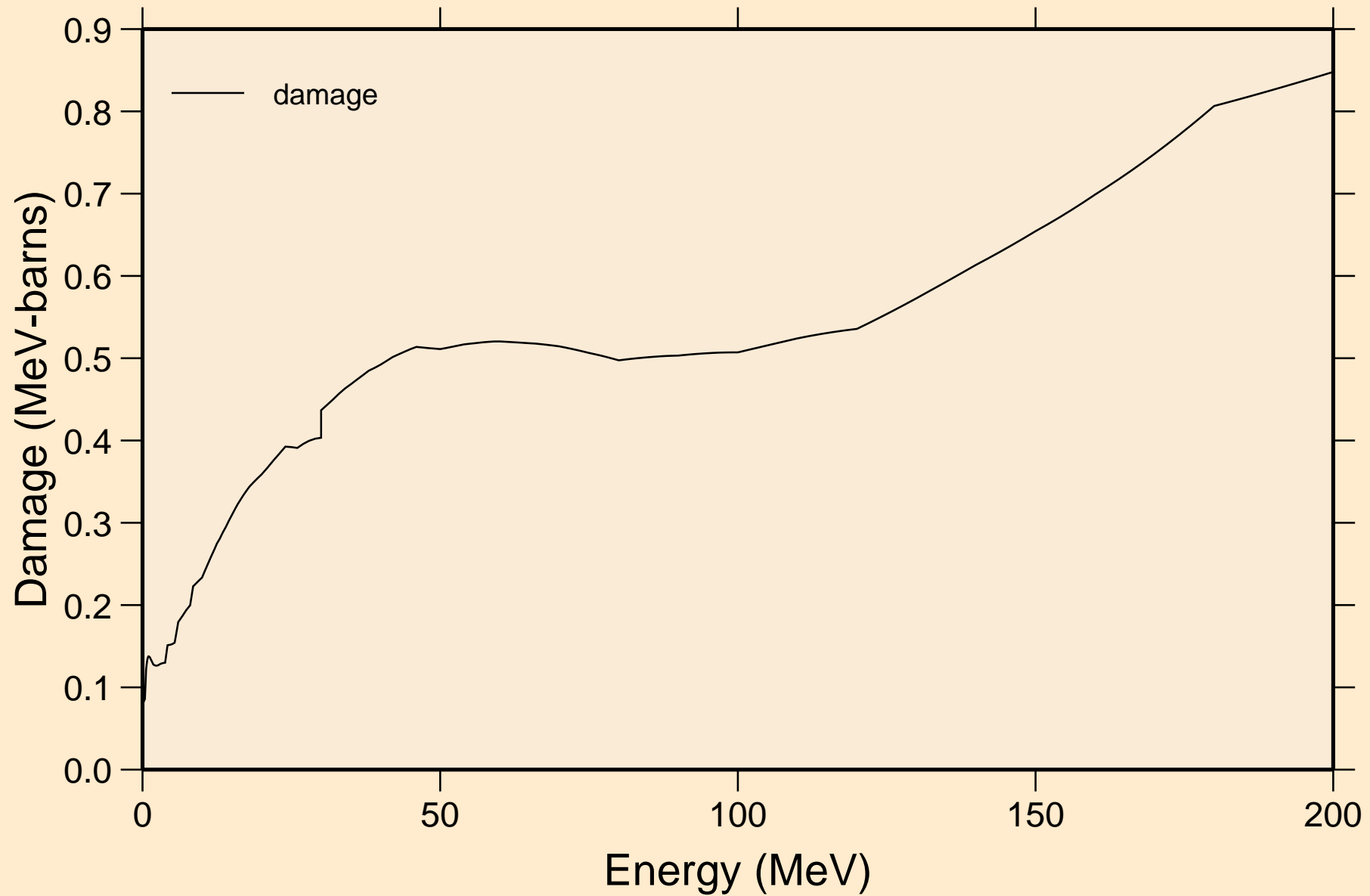


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



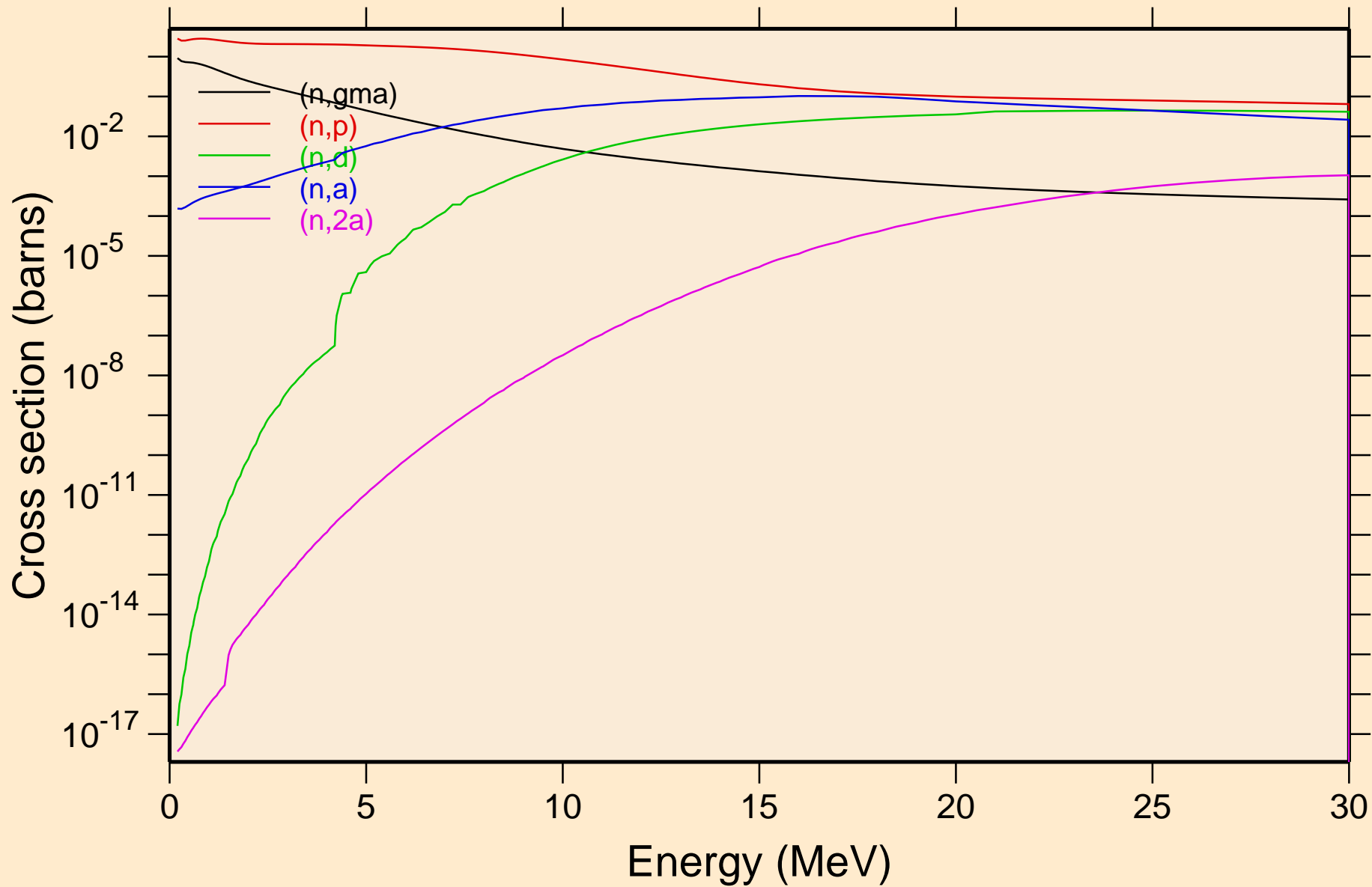
# HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

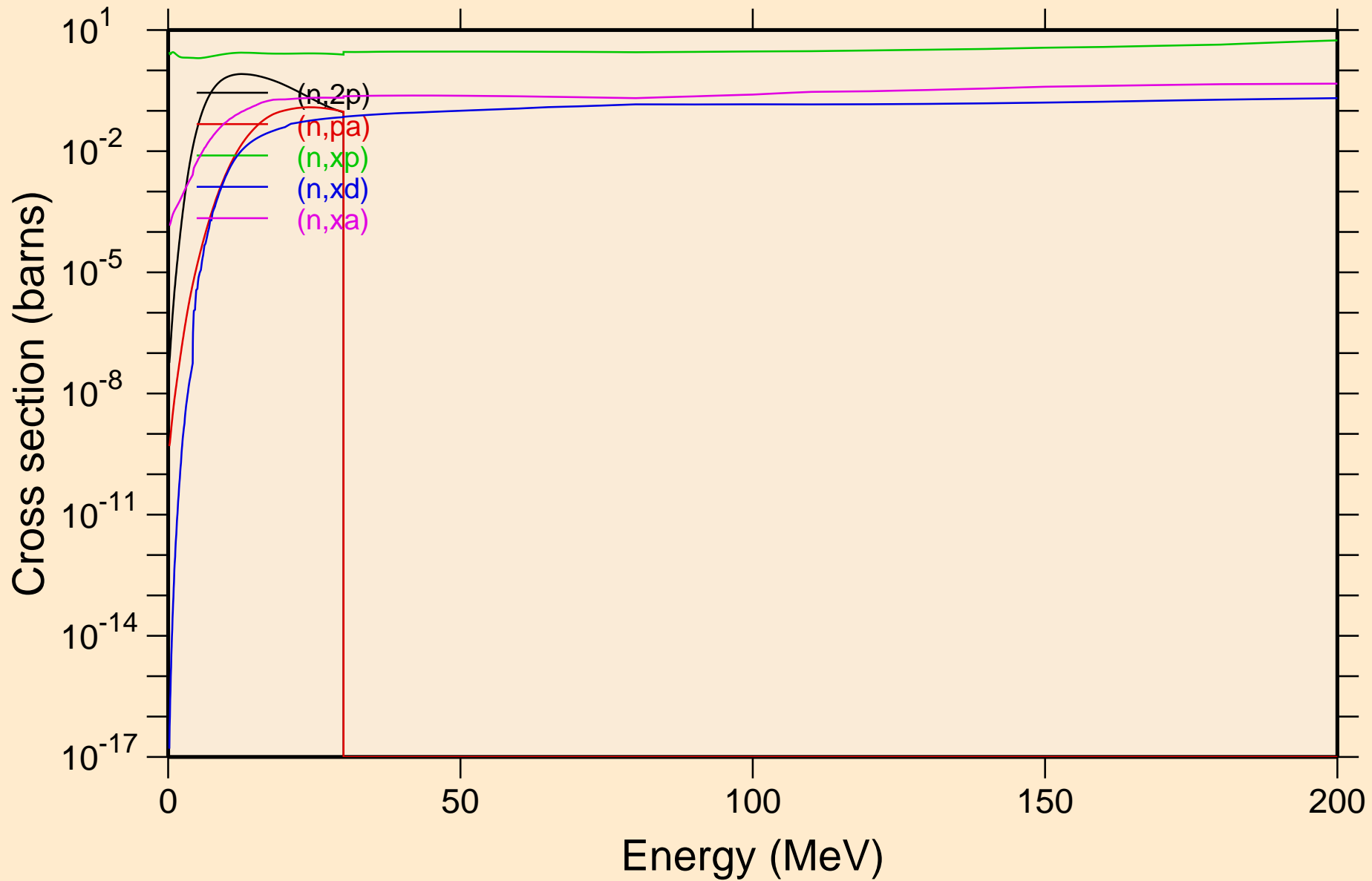




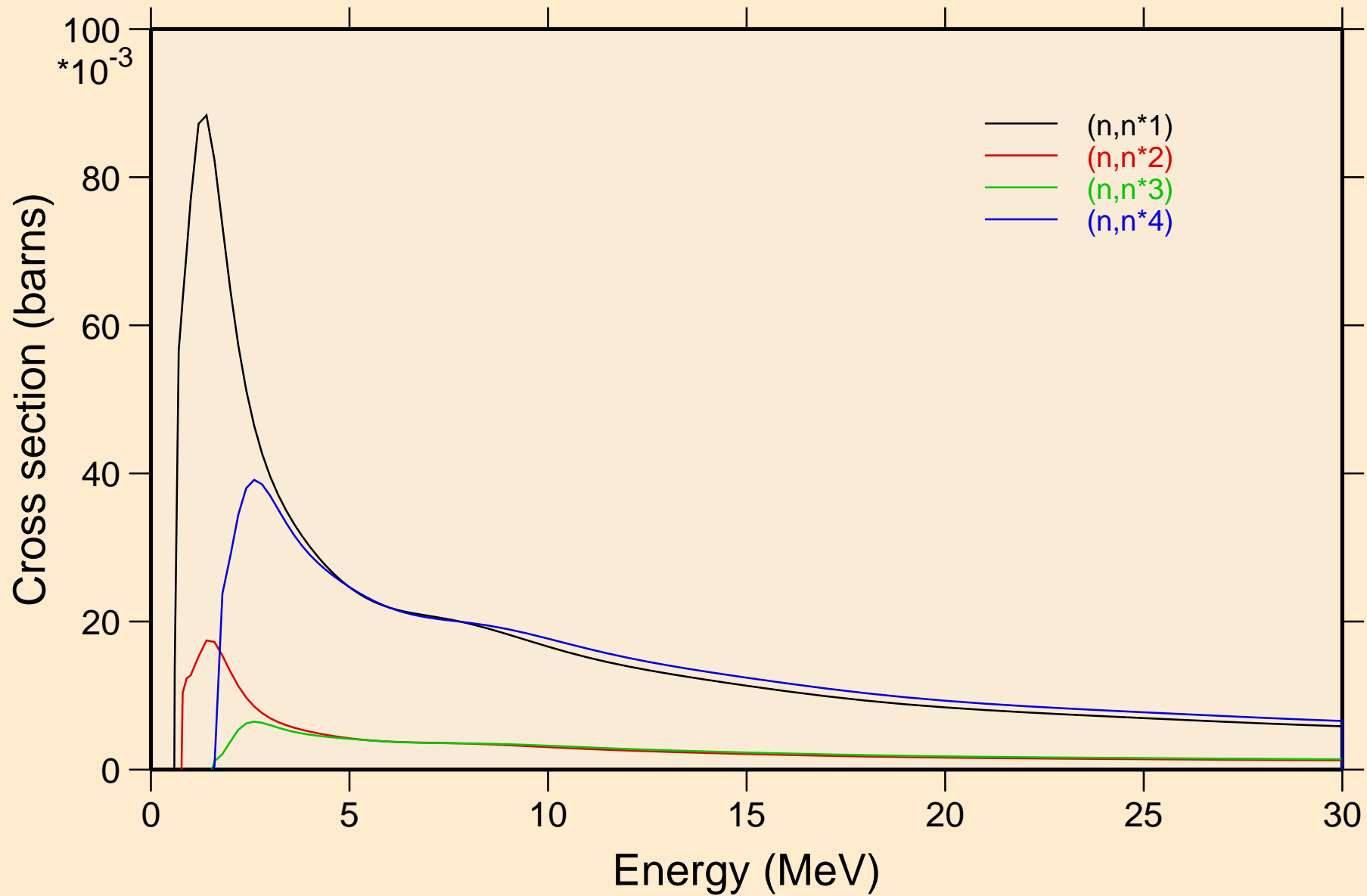
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

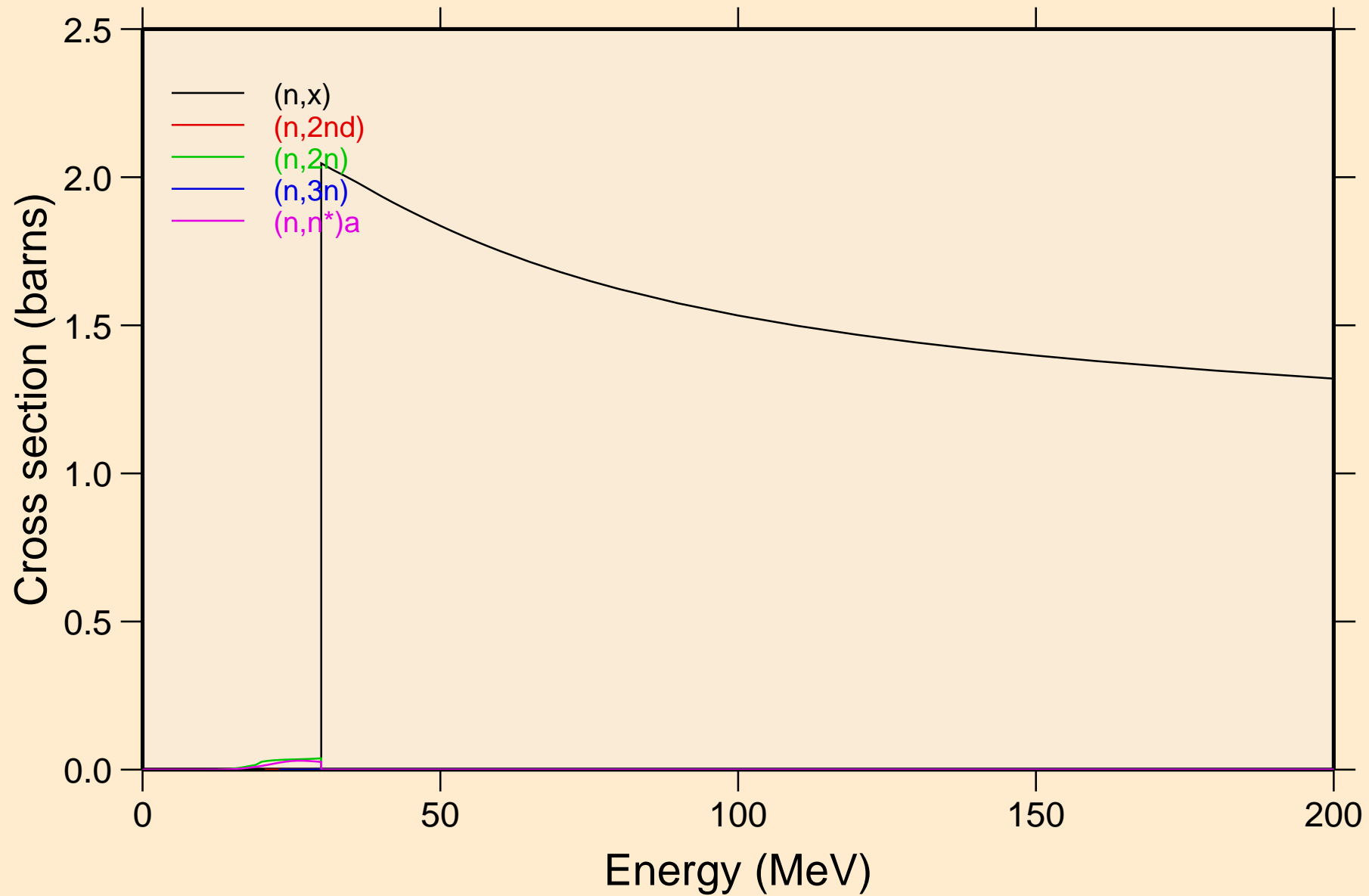


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

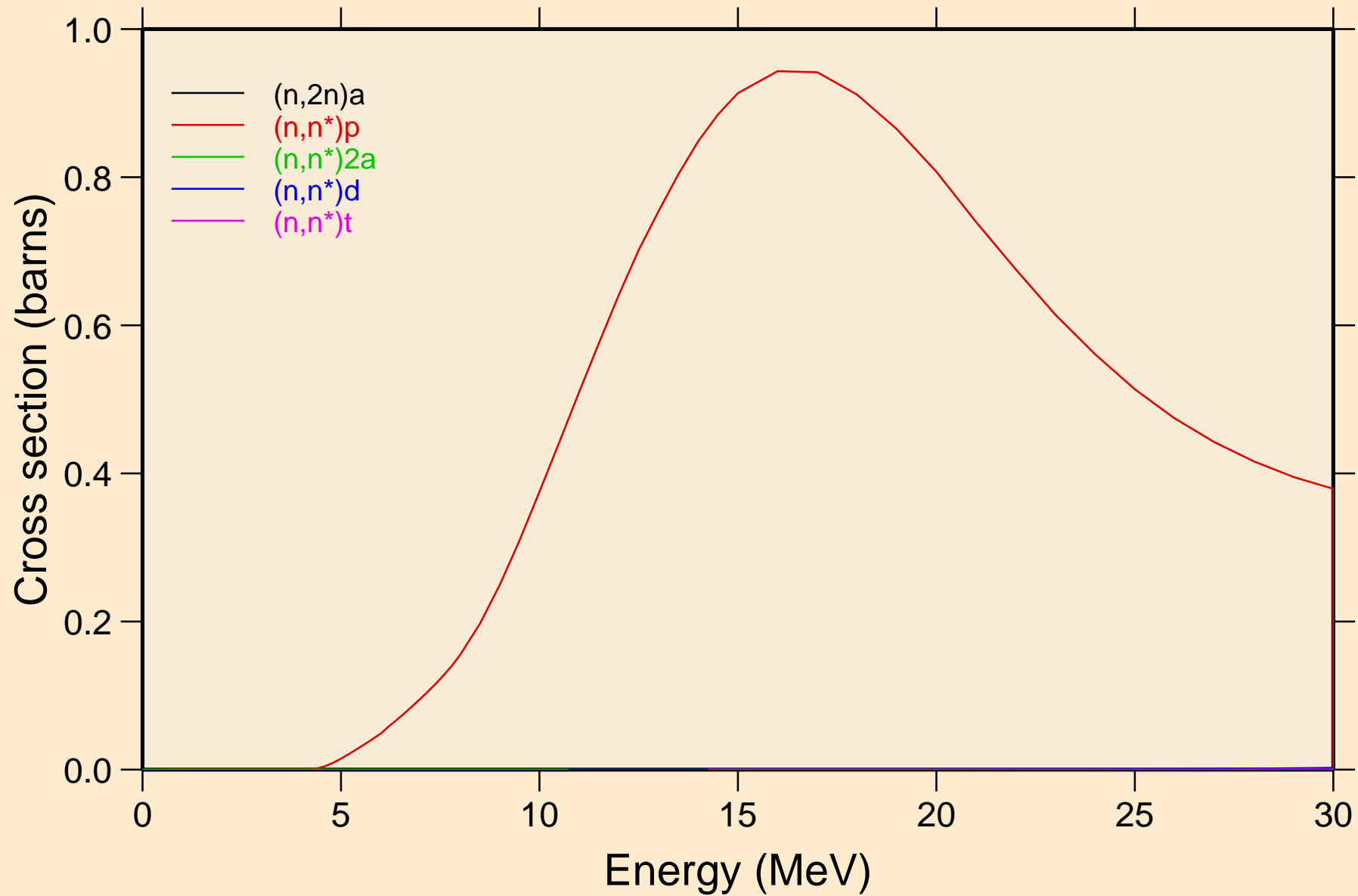


# HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

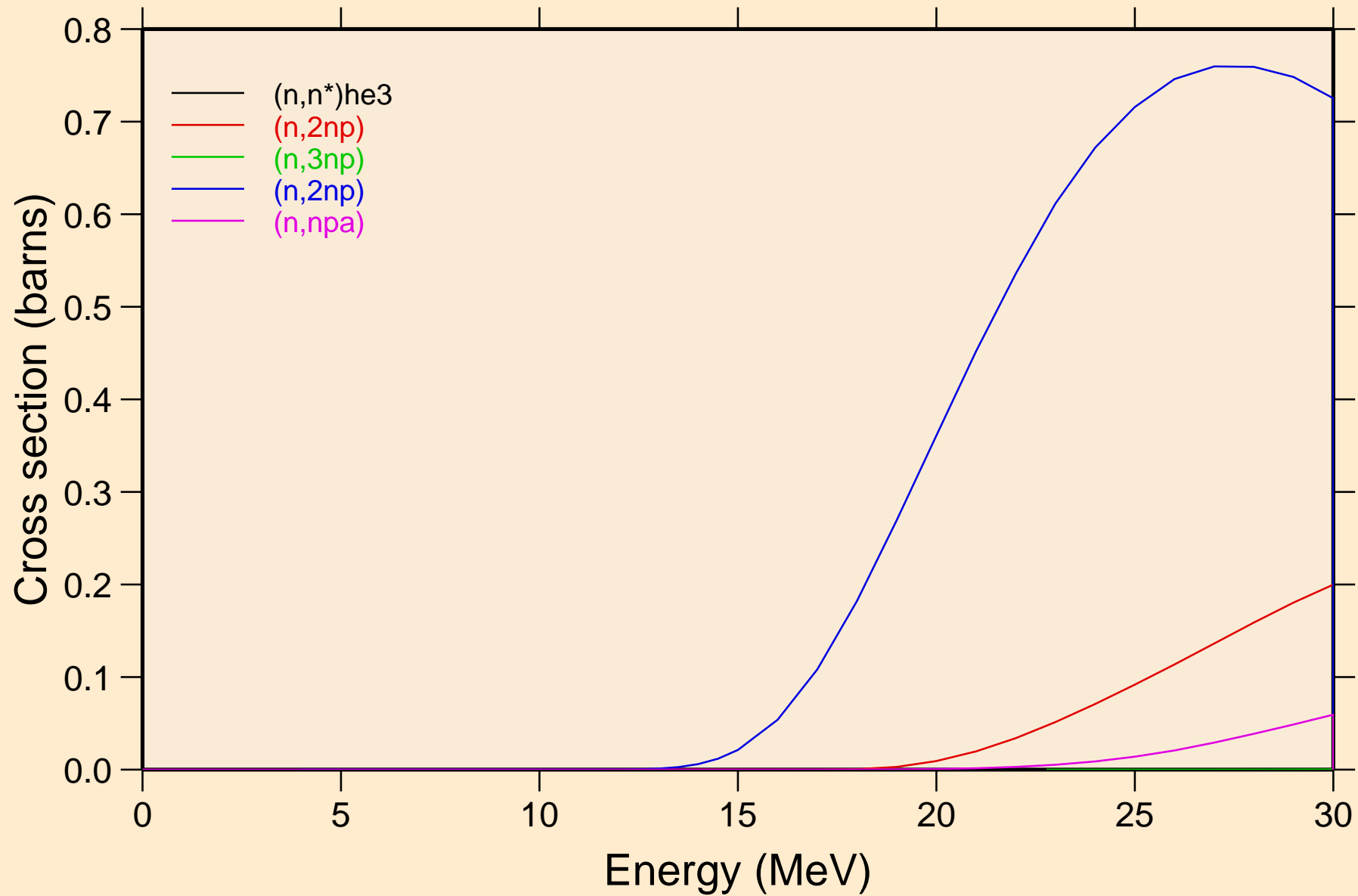
## Threshold reactions



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

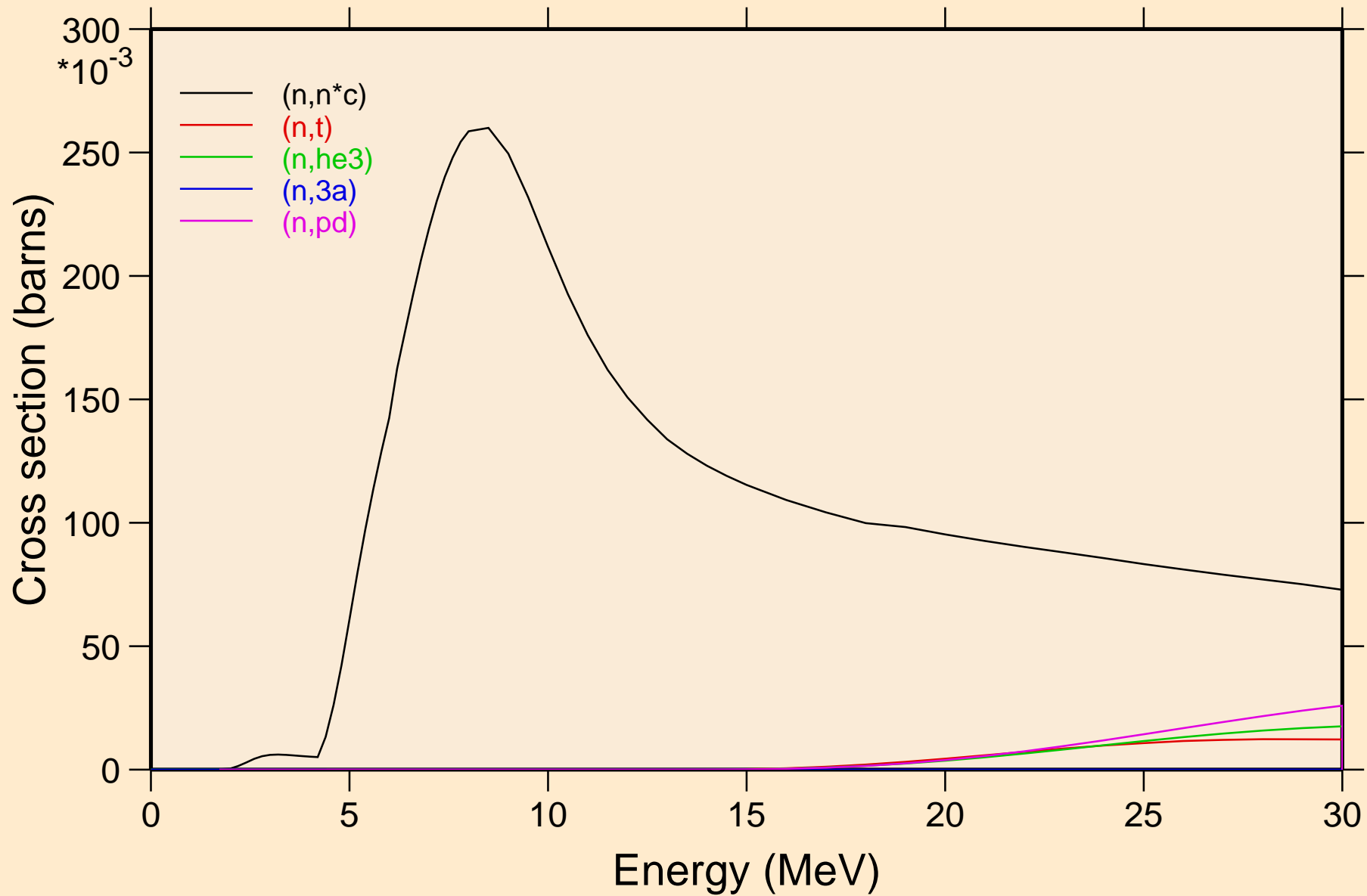


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

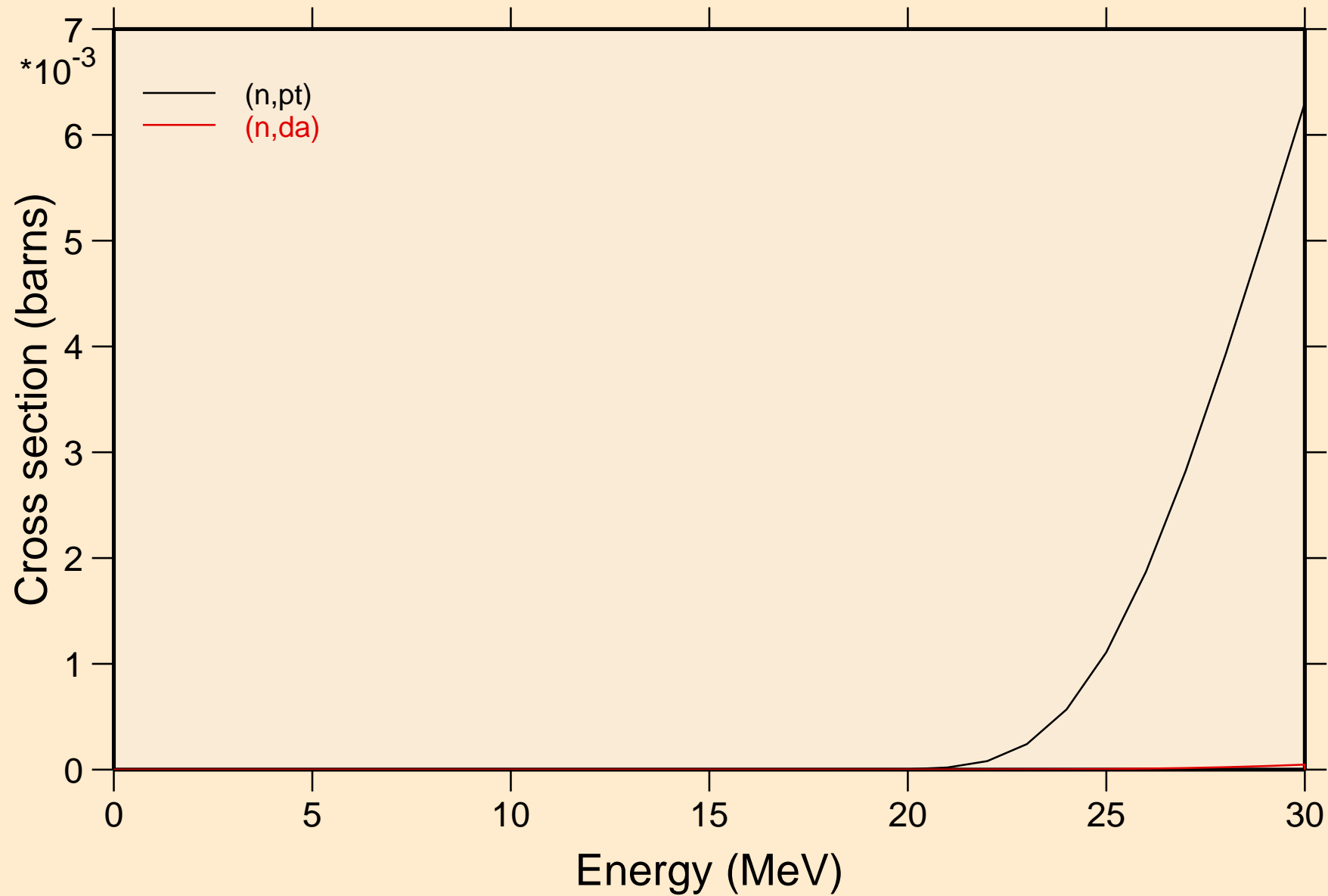


# HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

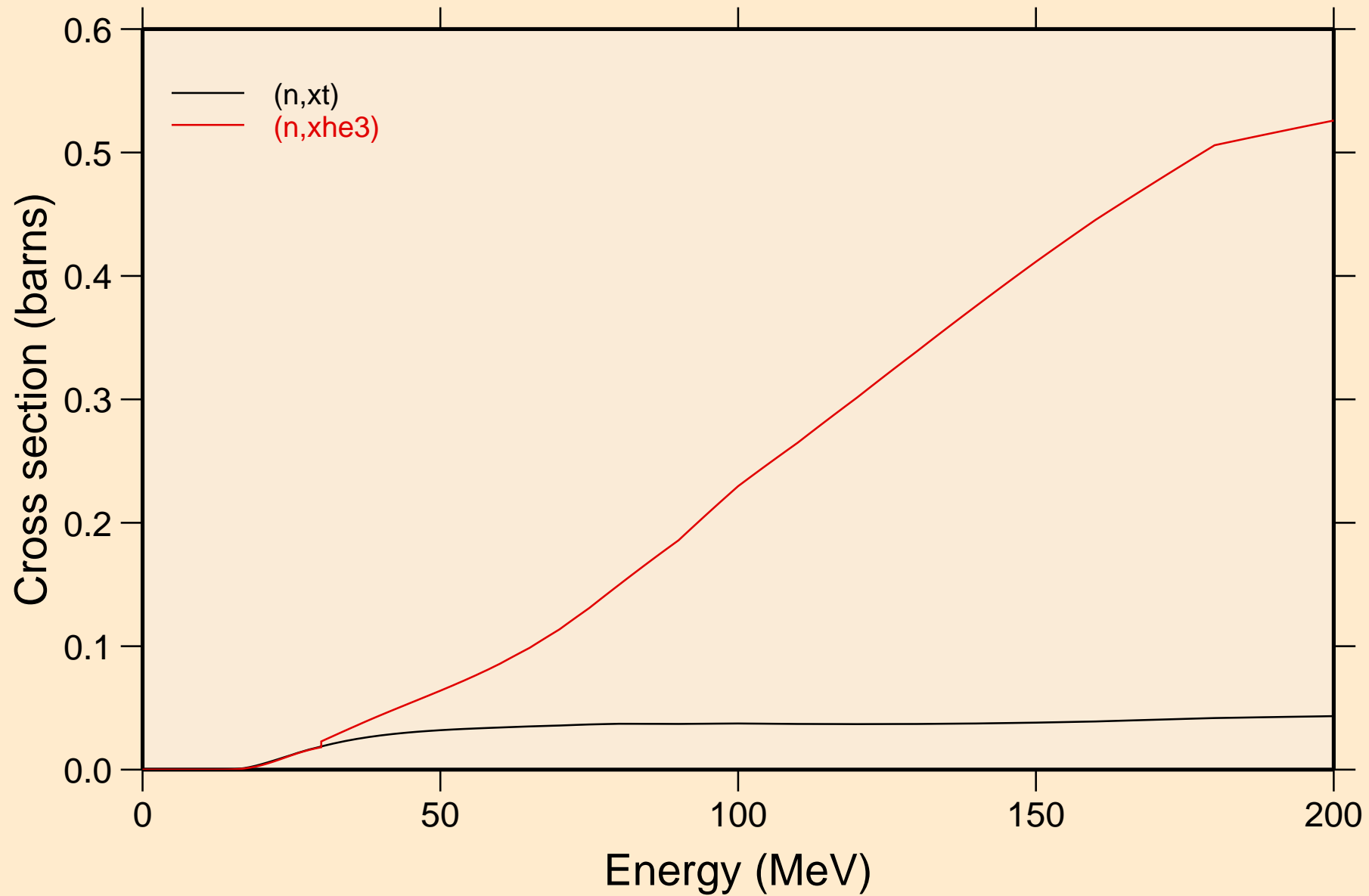


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

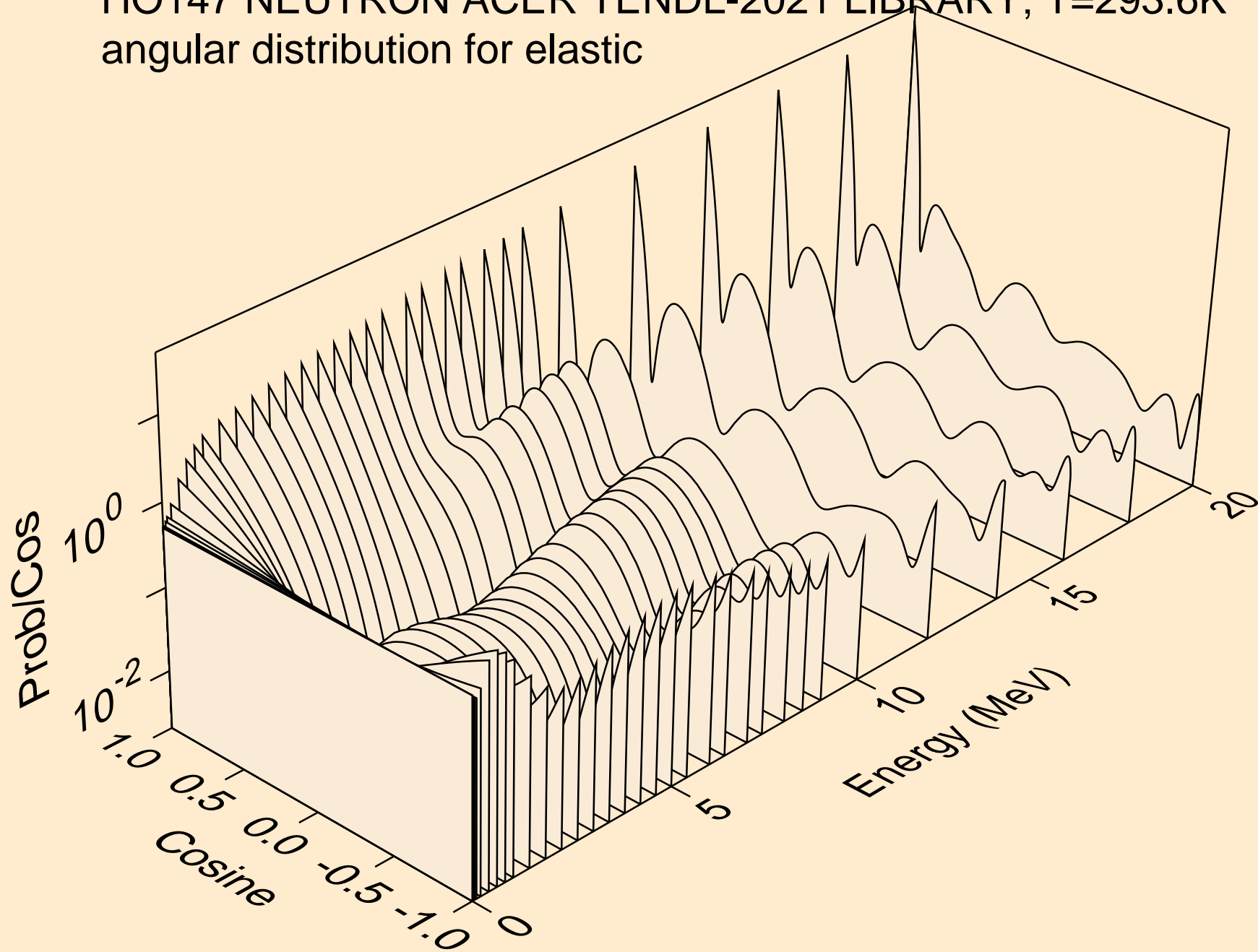




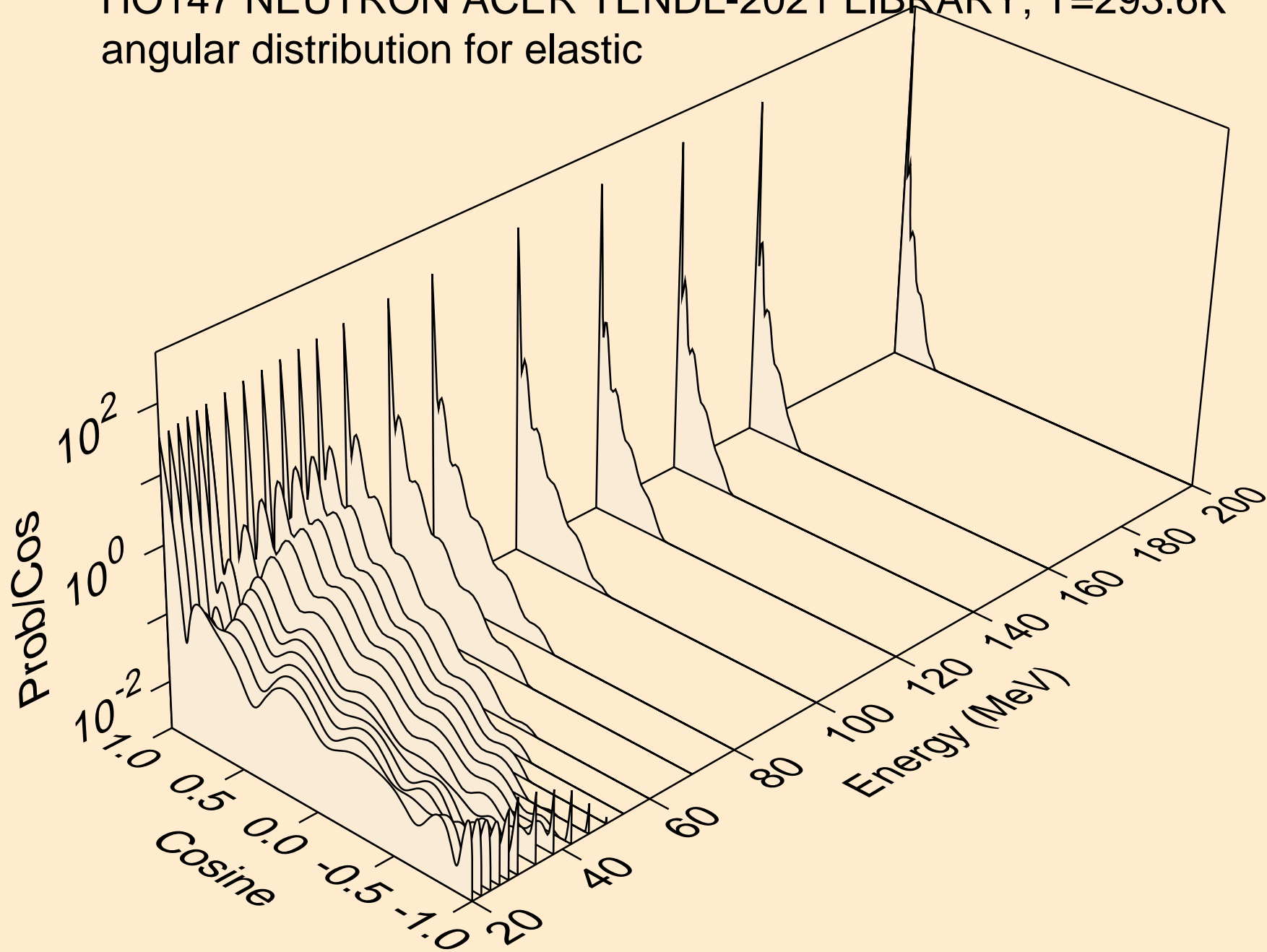
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



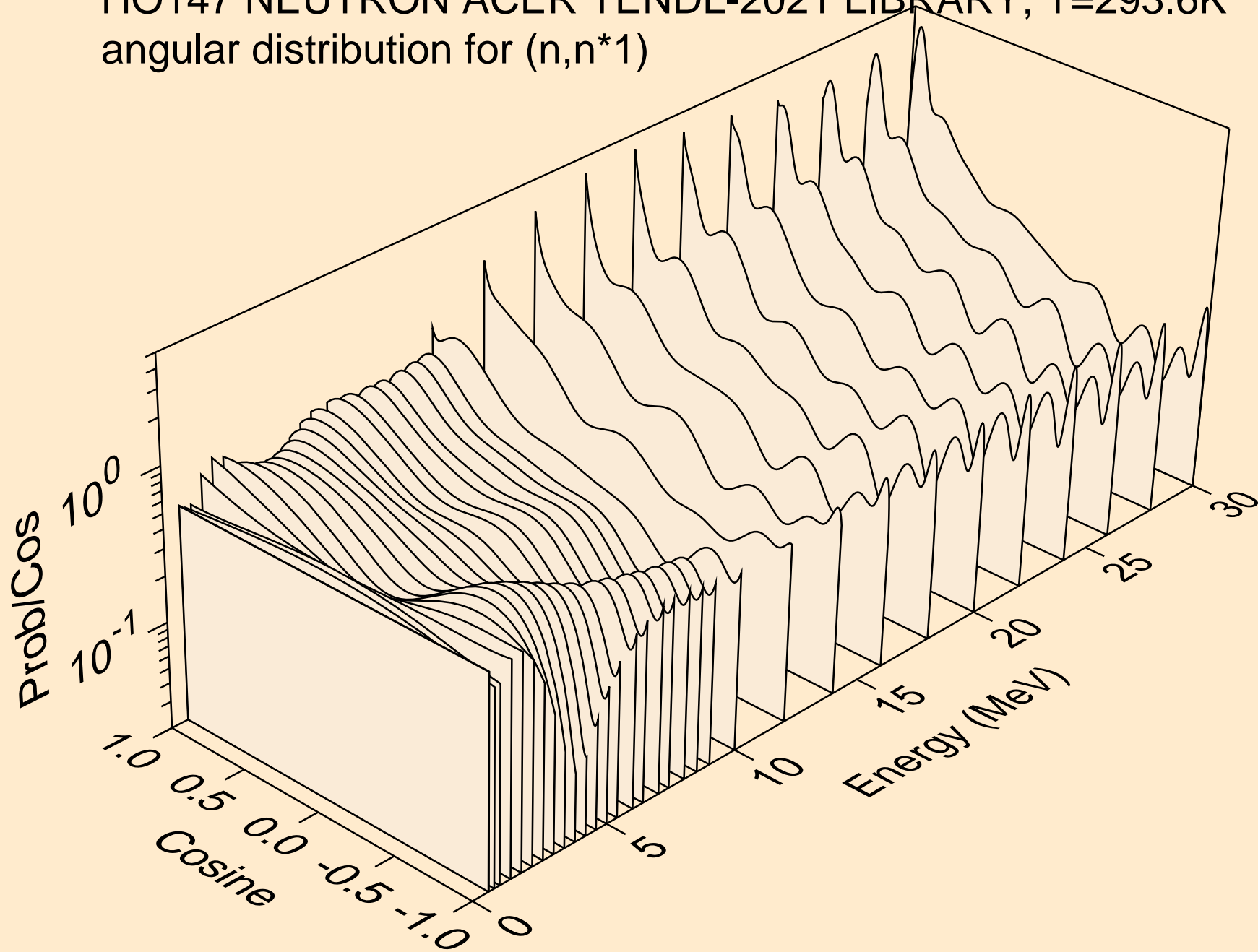
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angular distribution for elastic



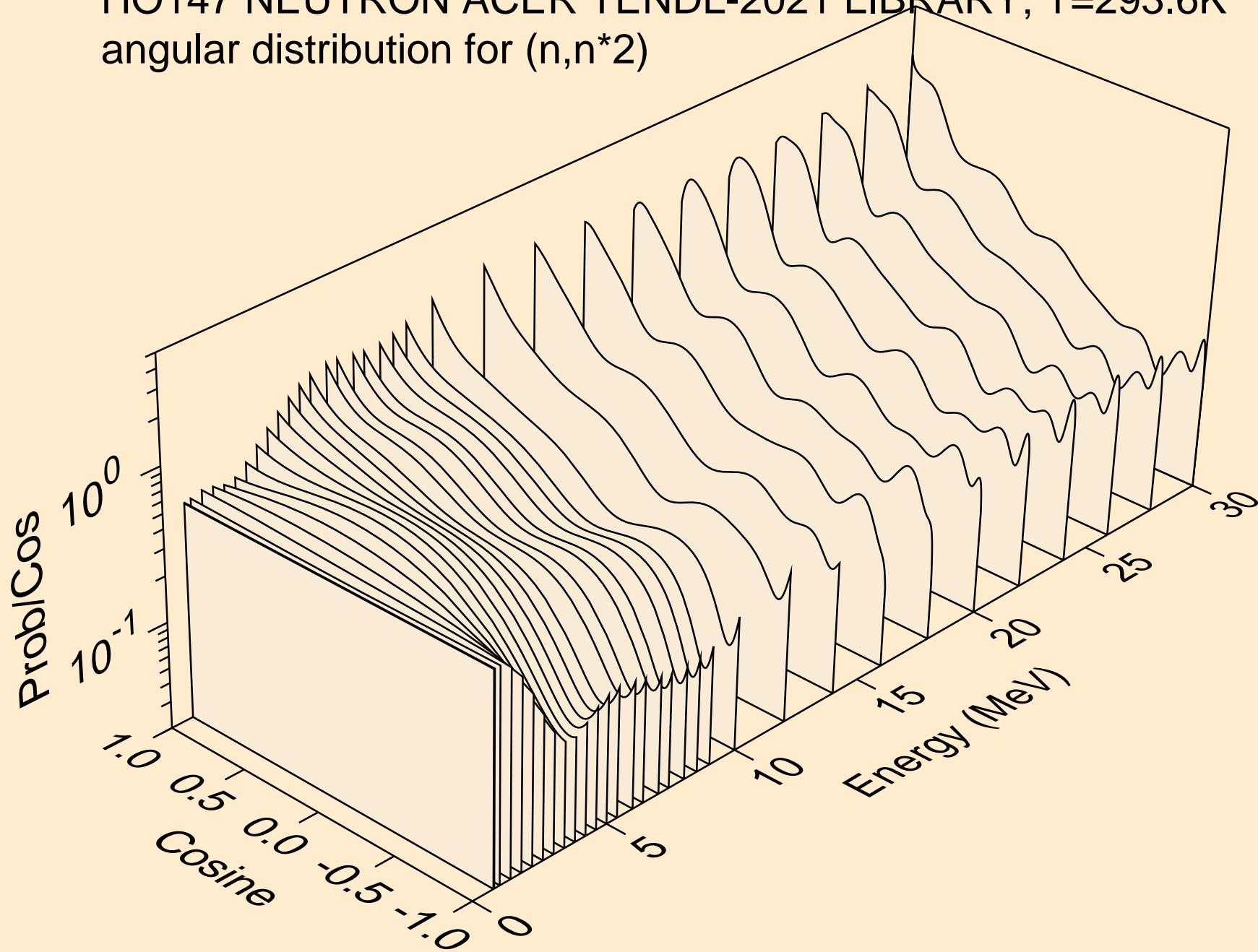
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



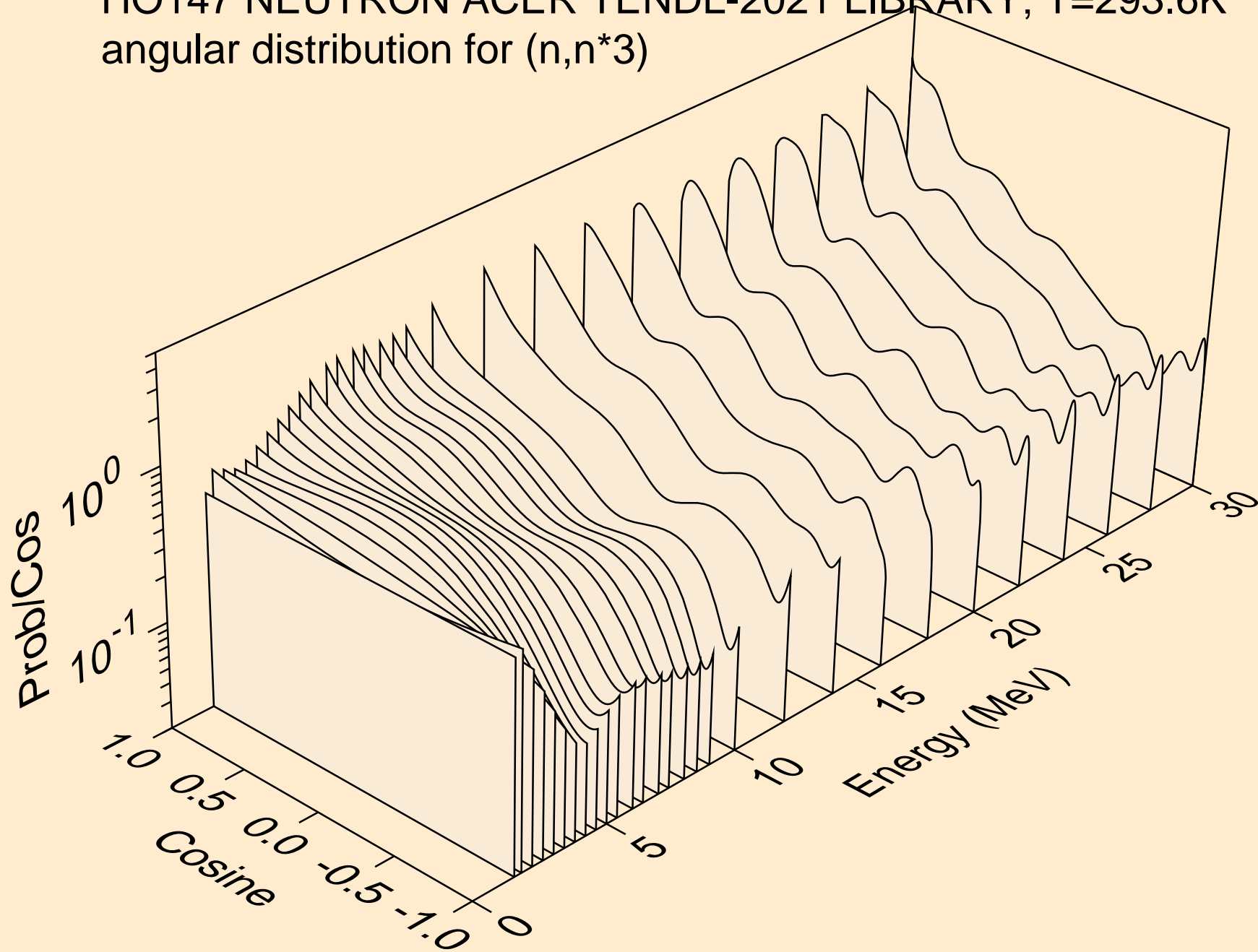
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angular distribution for (n,n\*1)



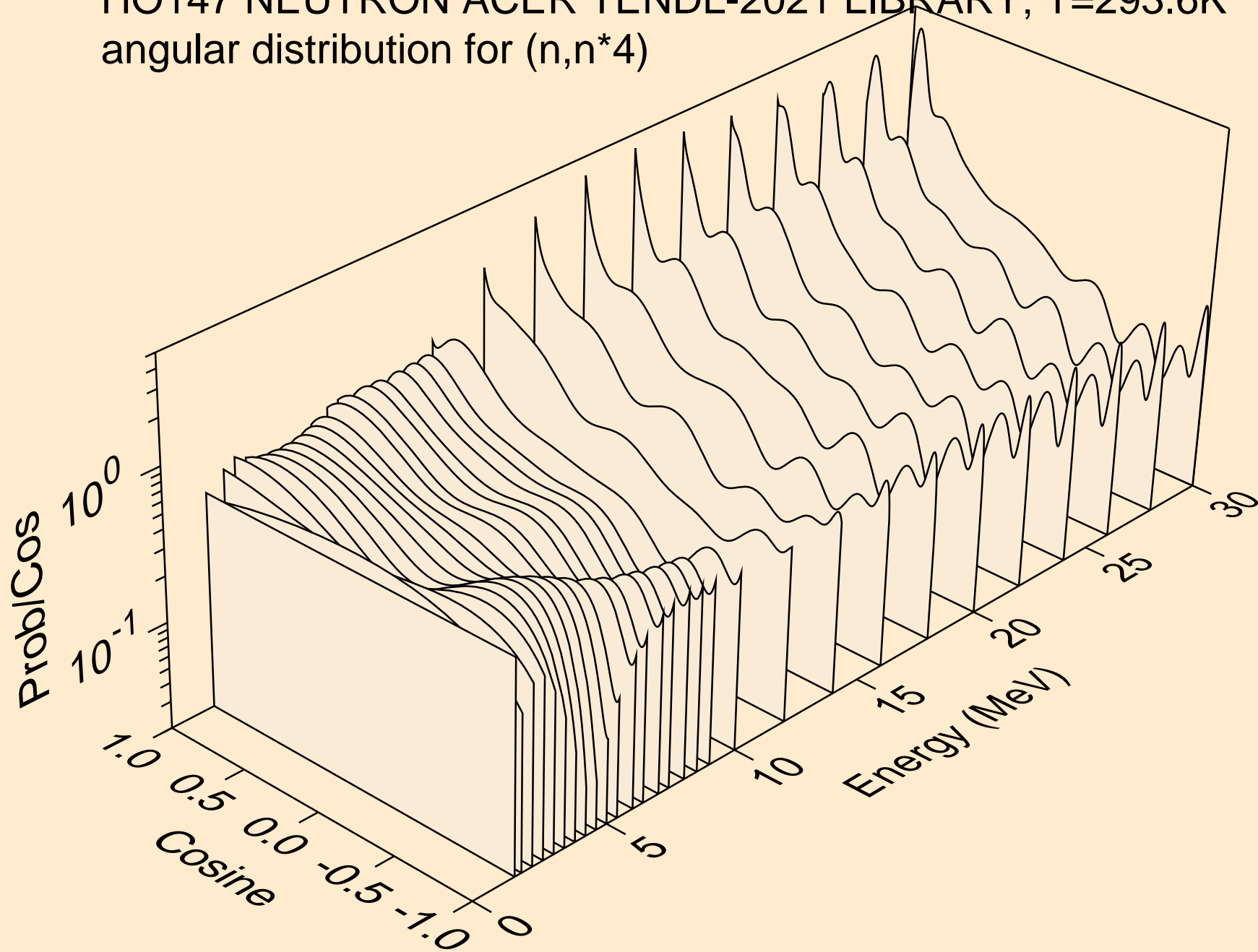
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angular distribution for (n,n\*2)



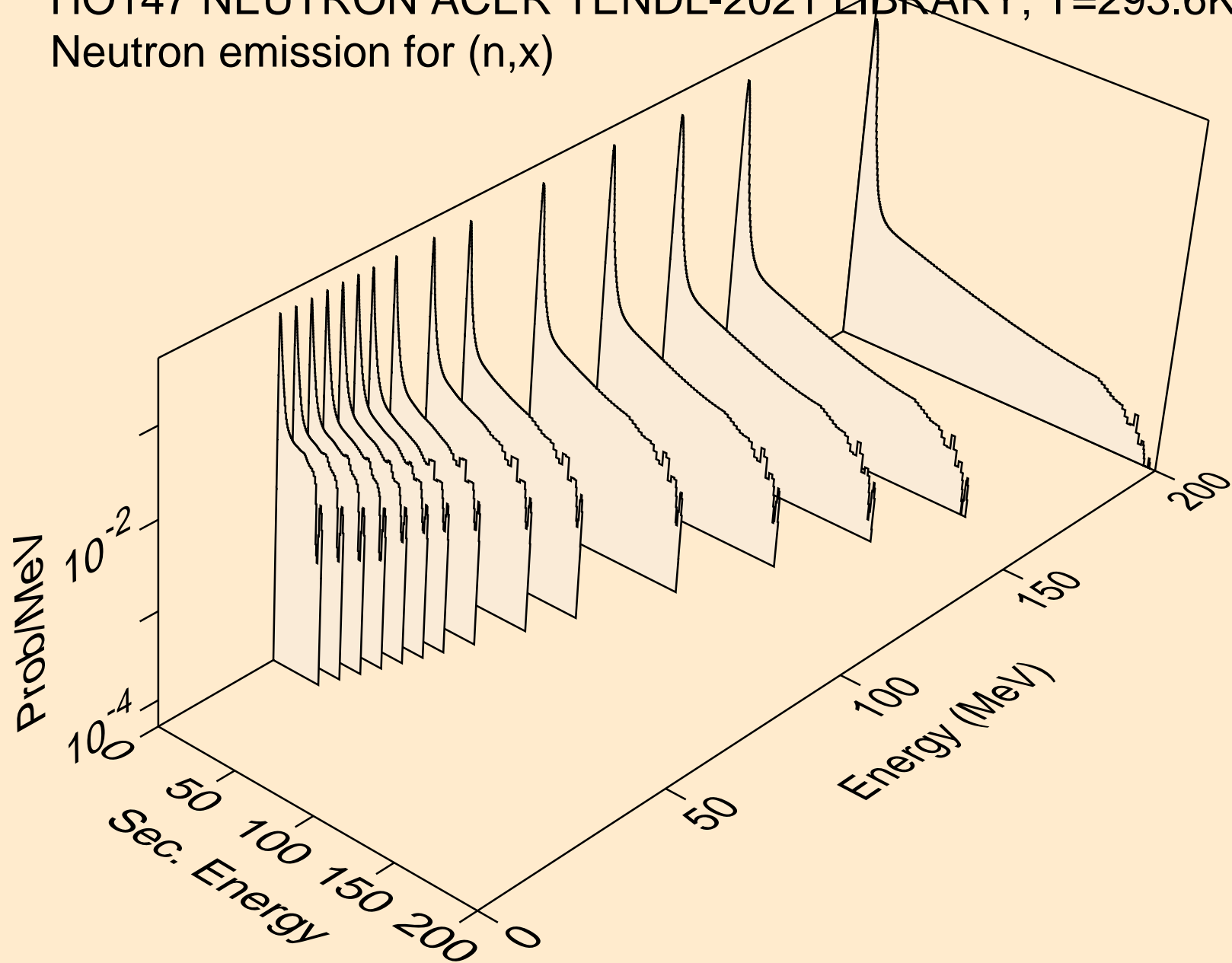
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

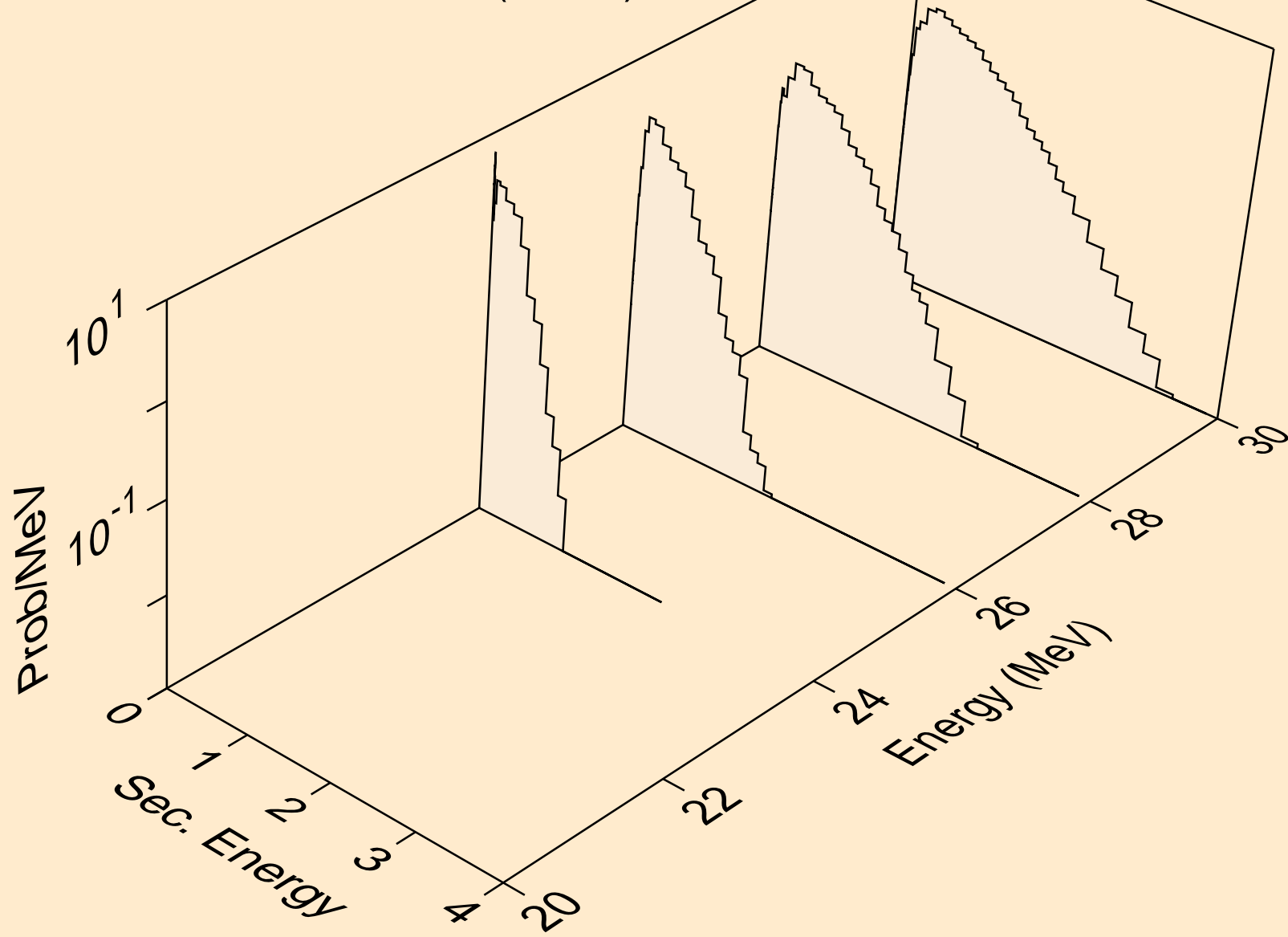


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

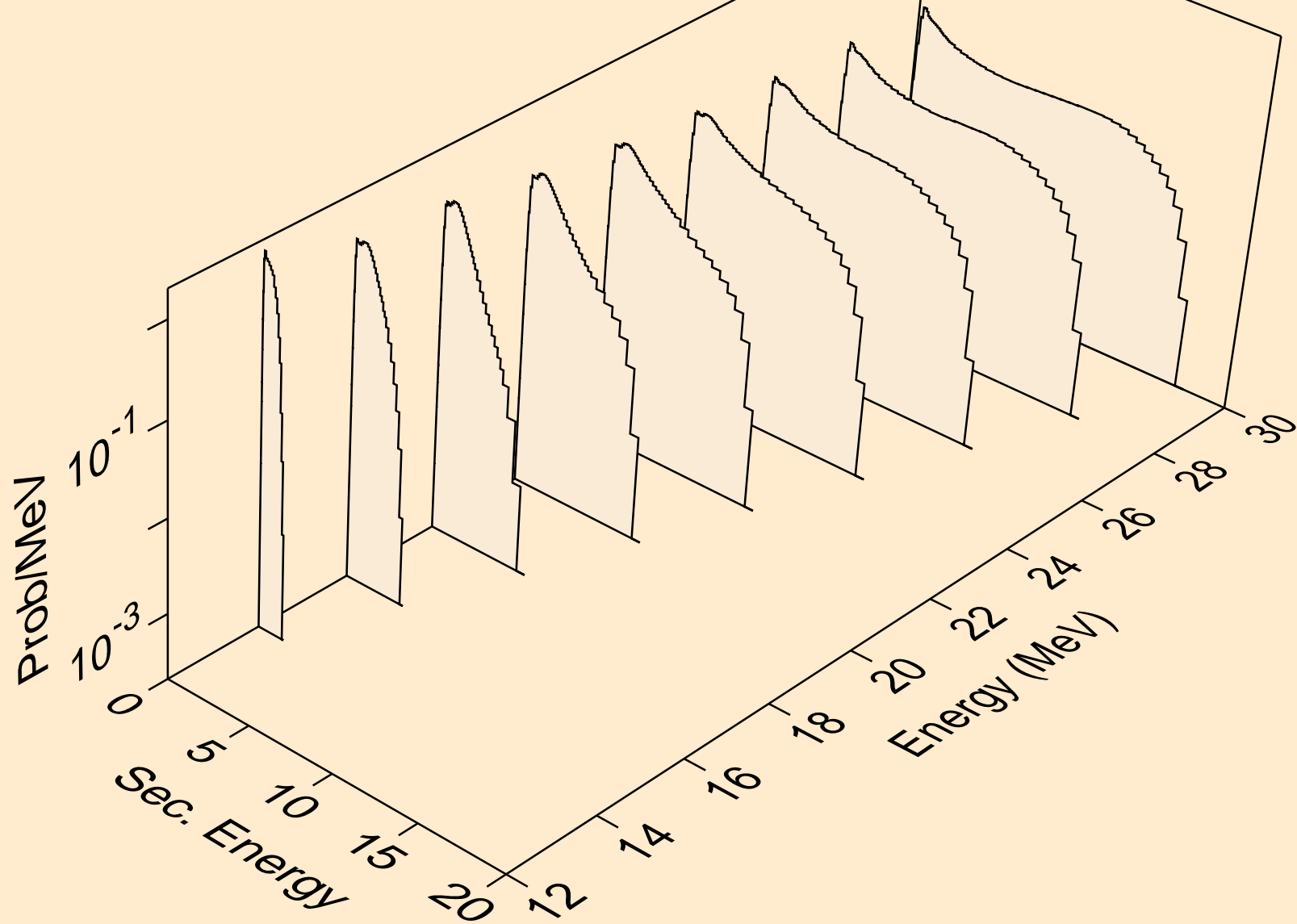




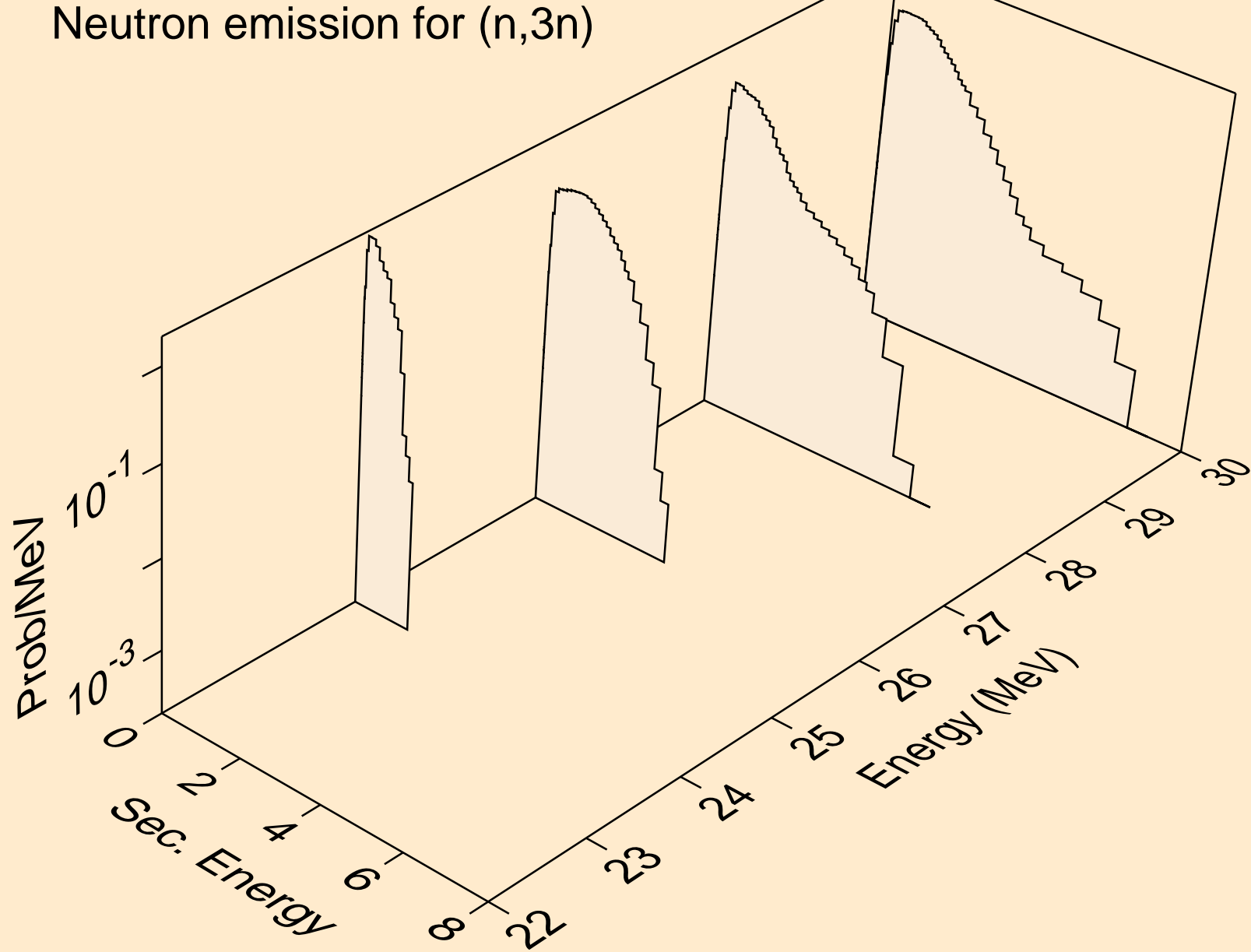
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Neutron emission for (n,2nd)



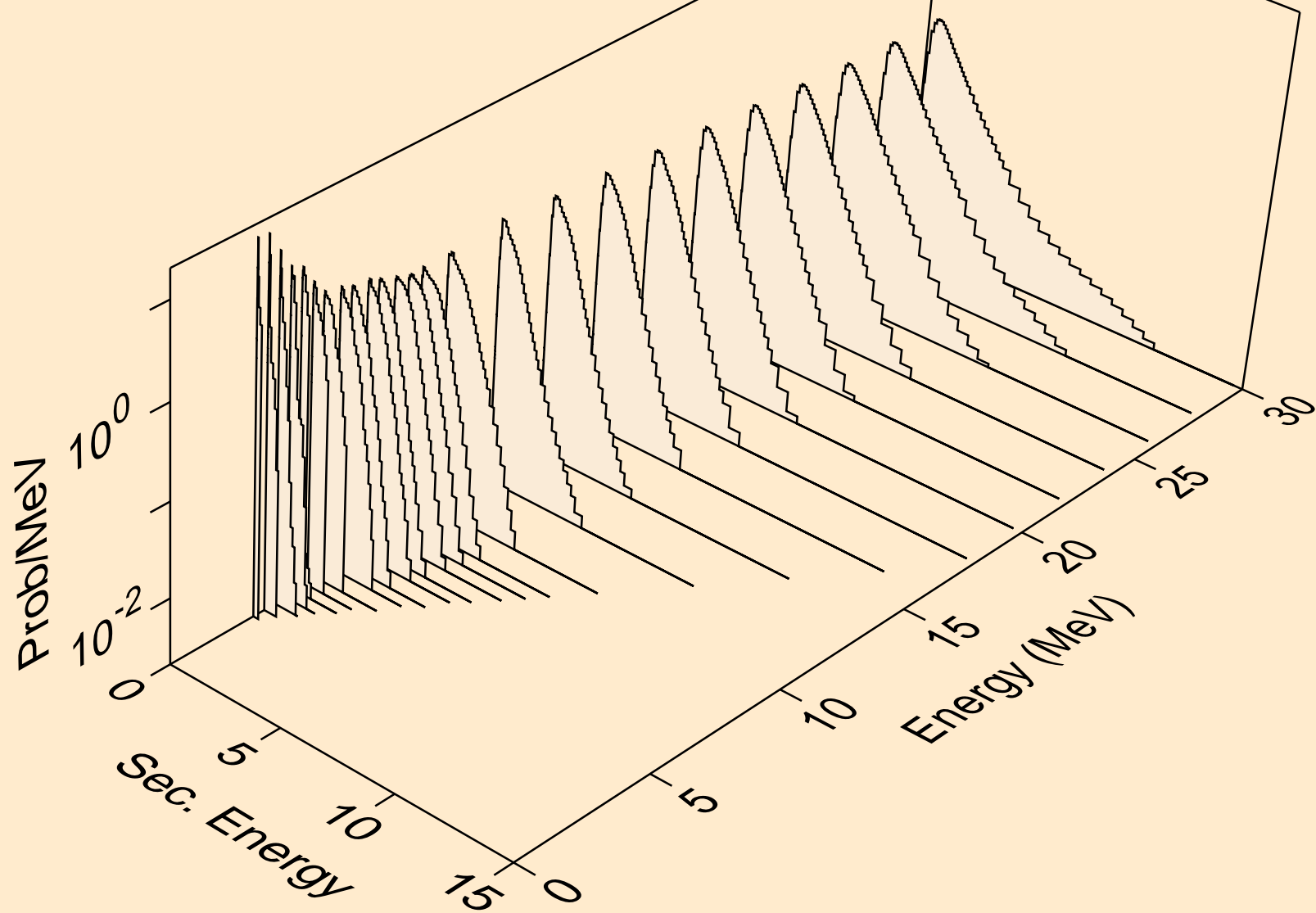
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Neutron emission for (n,2n)



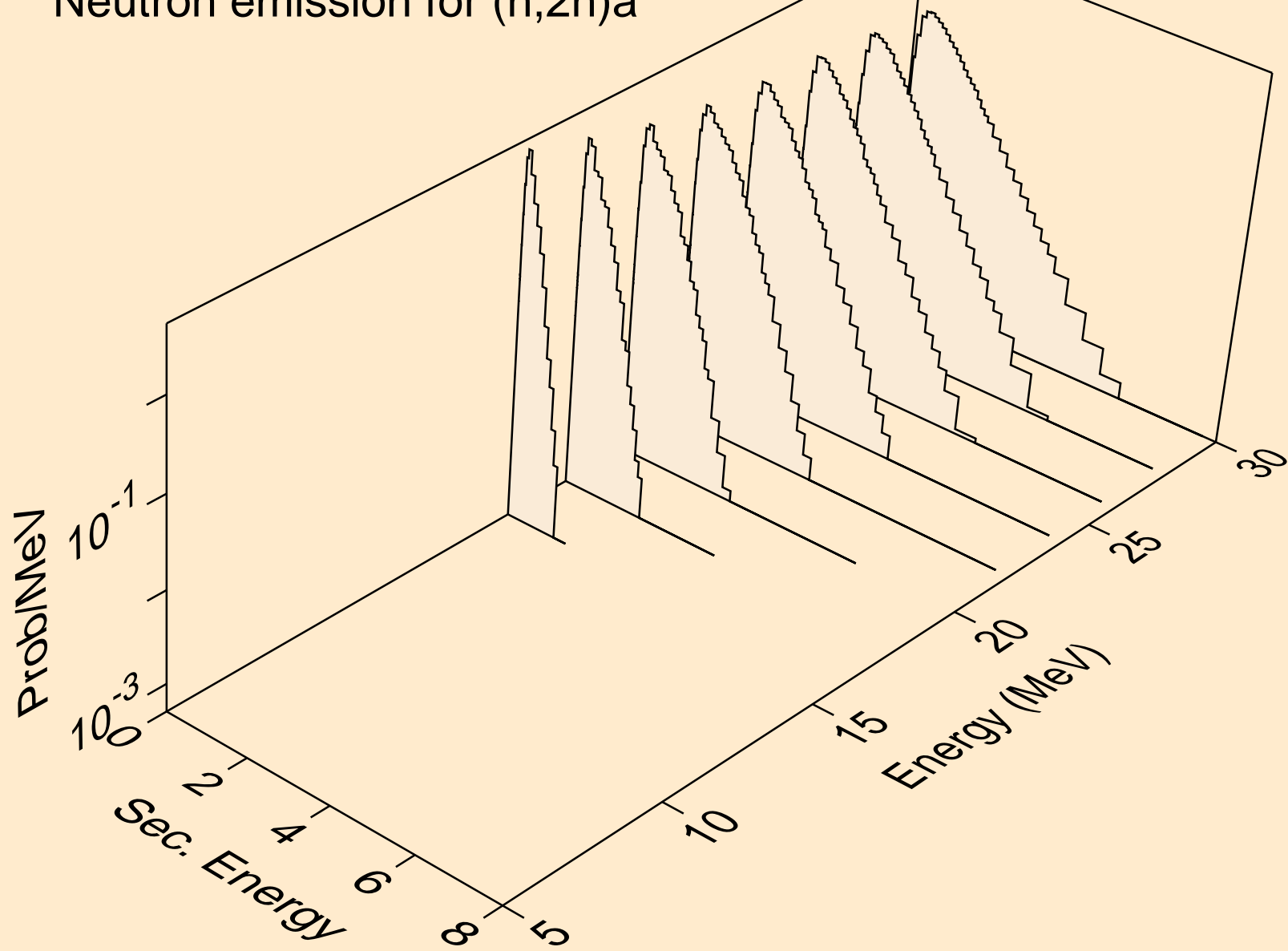
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Neutron emission for (n,3n)



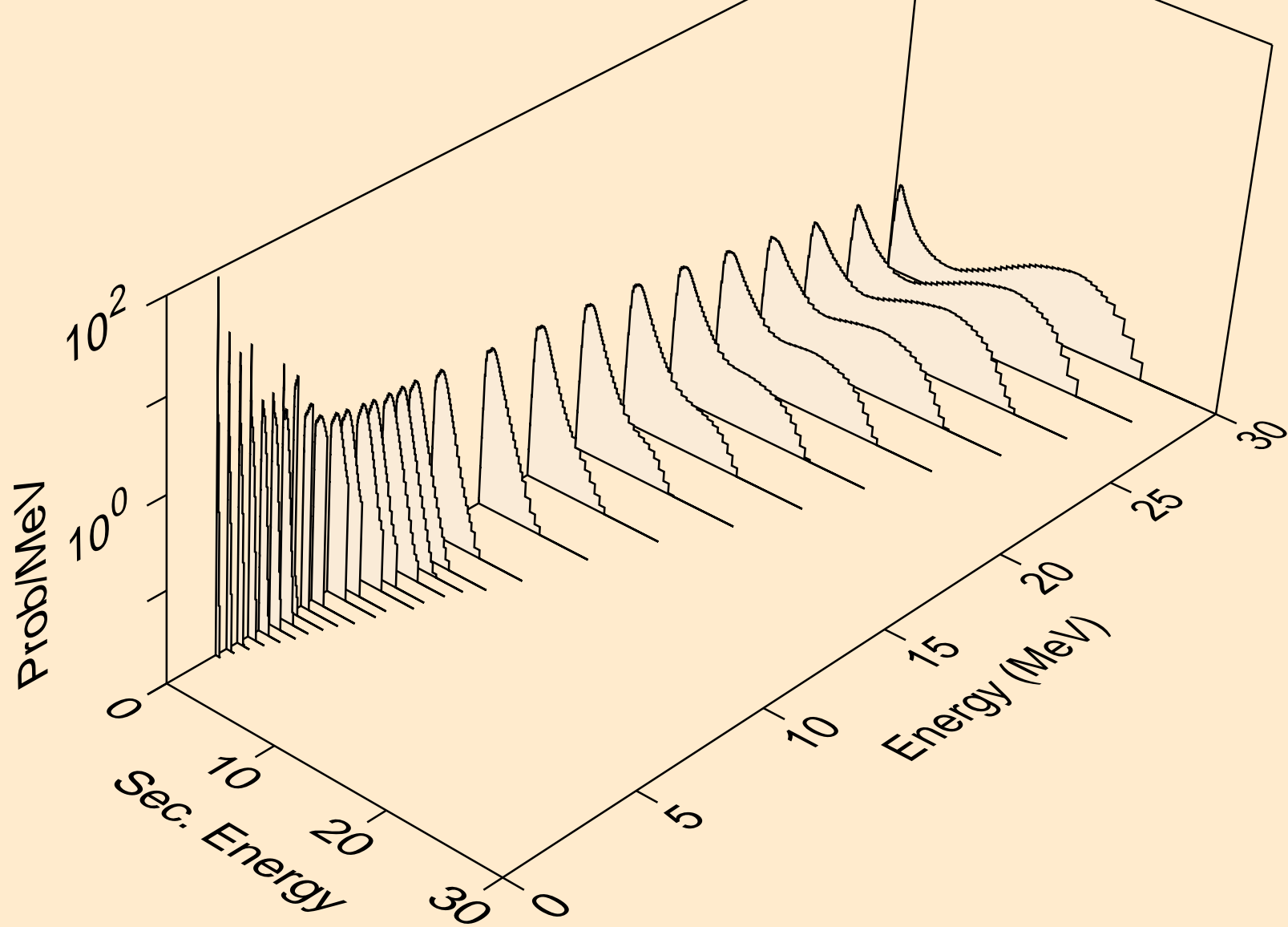
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



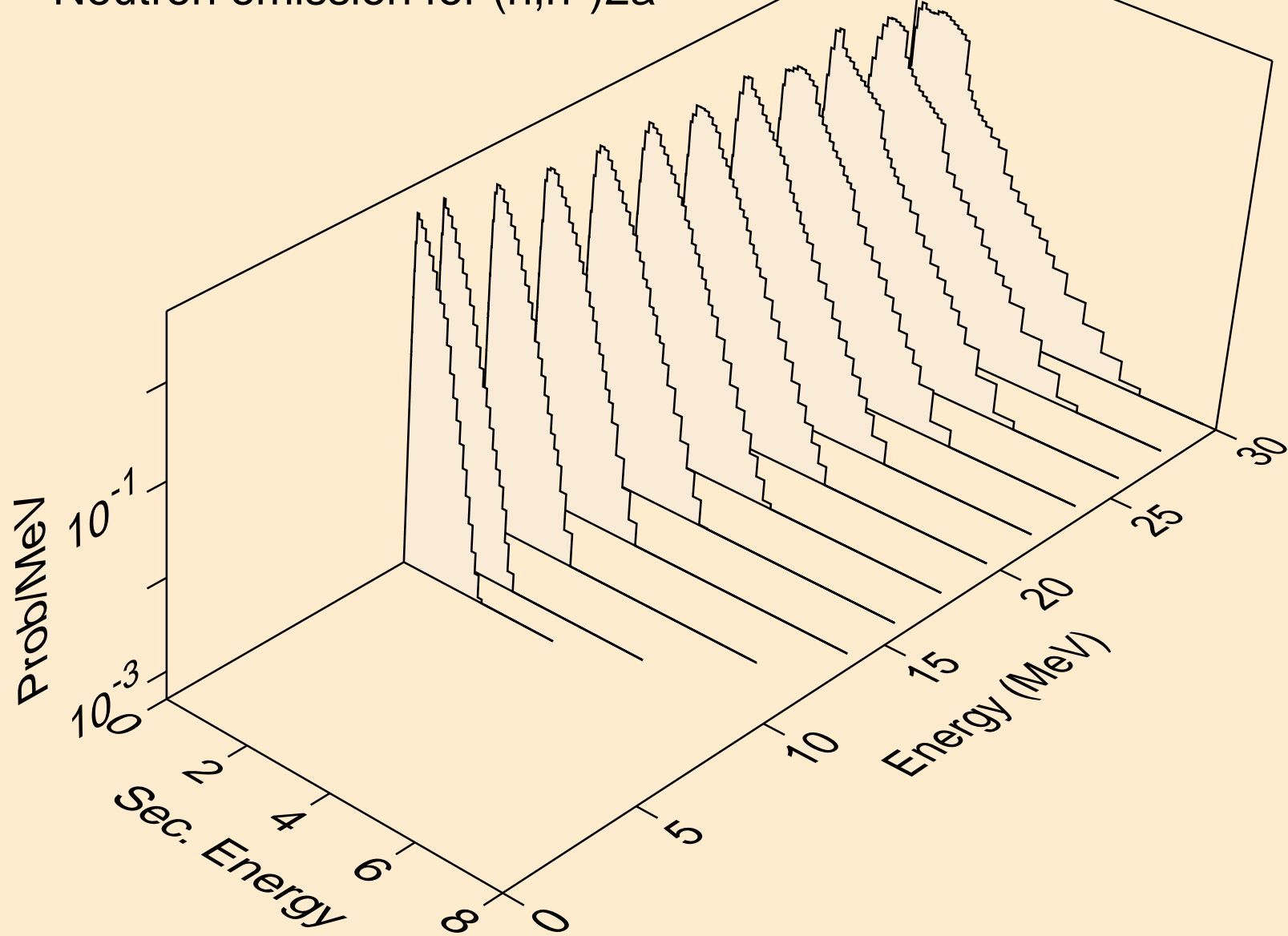
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



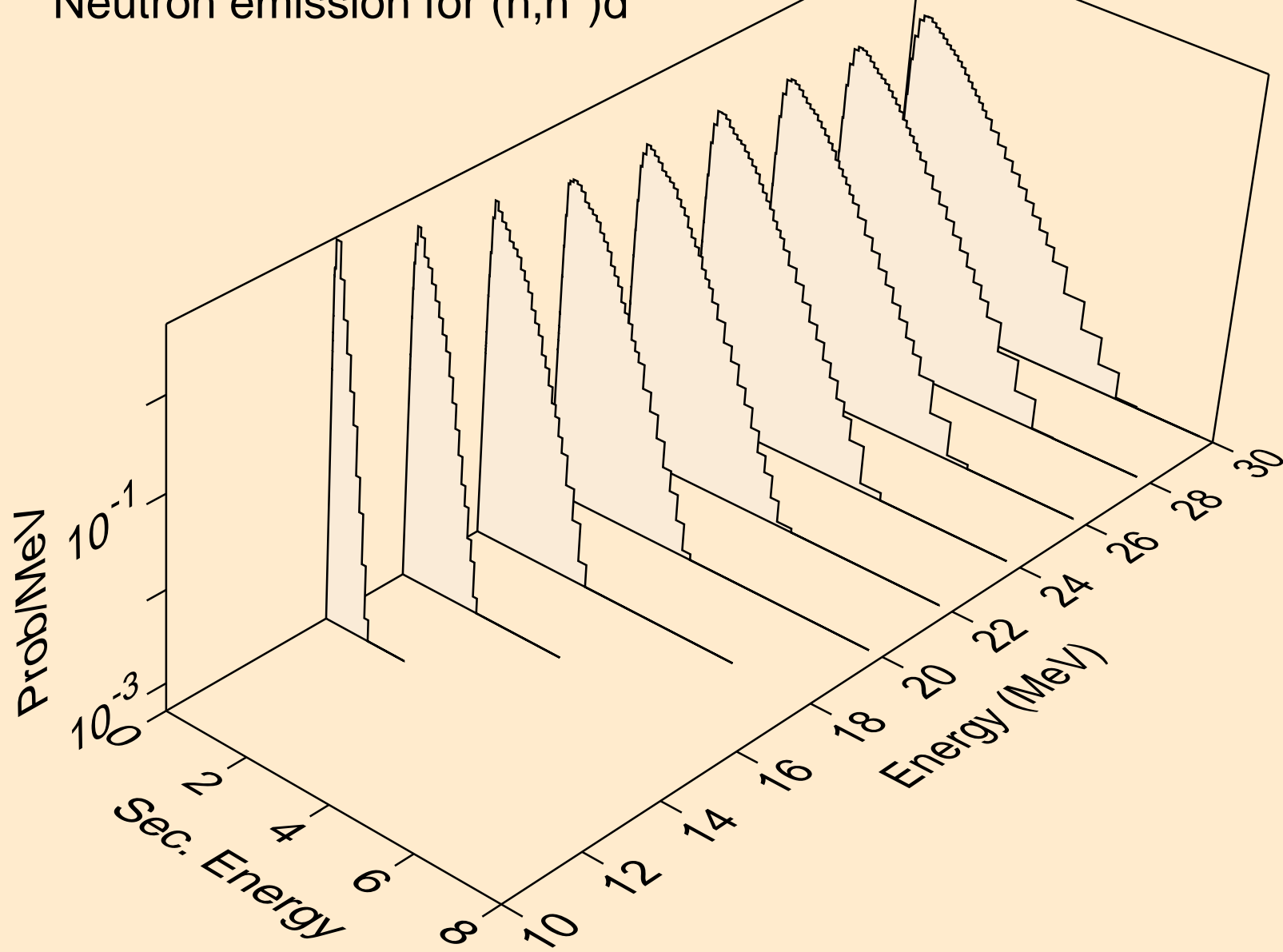
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

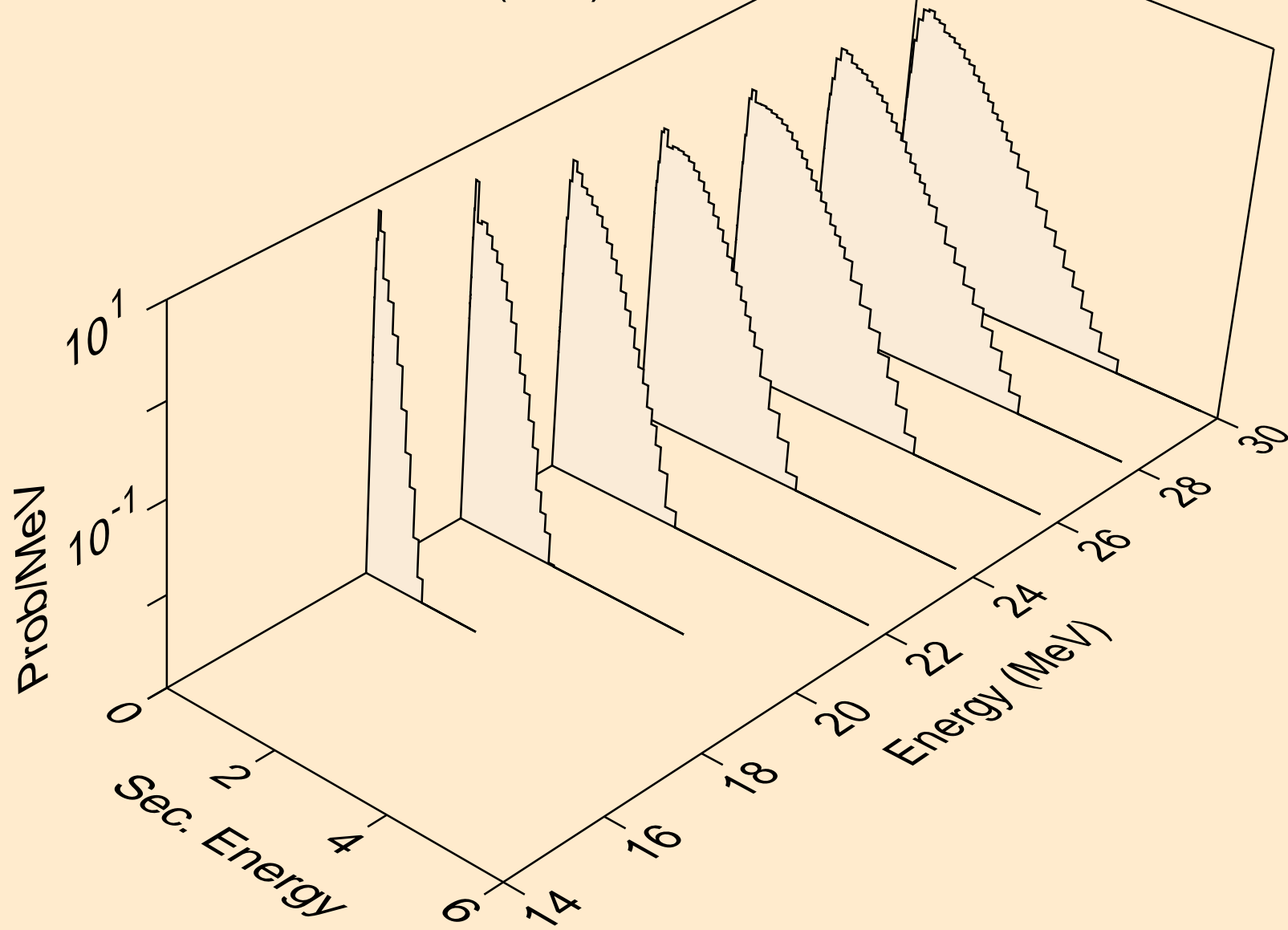


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Neutron emission for (n,n\*)d

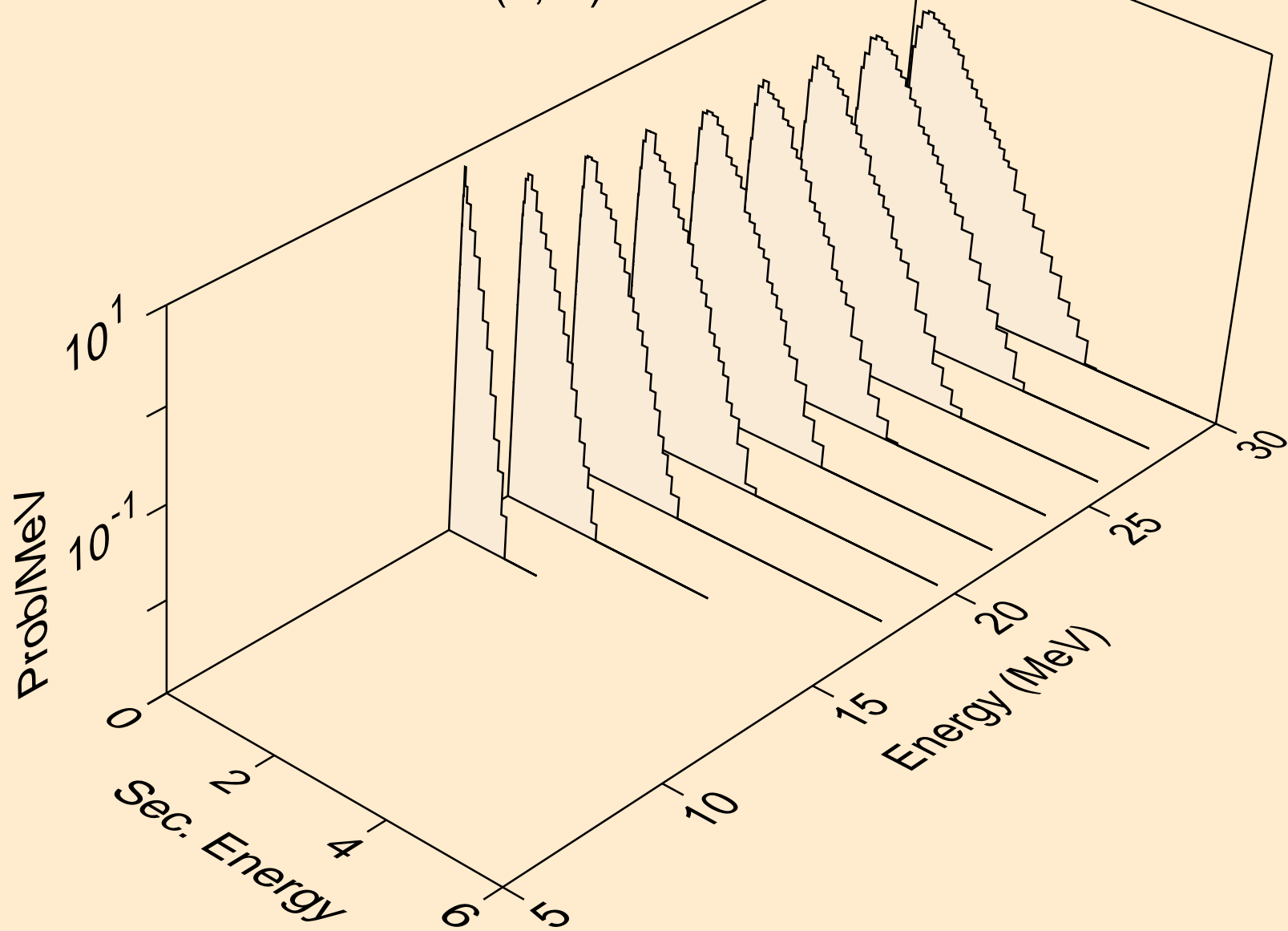




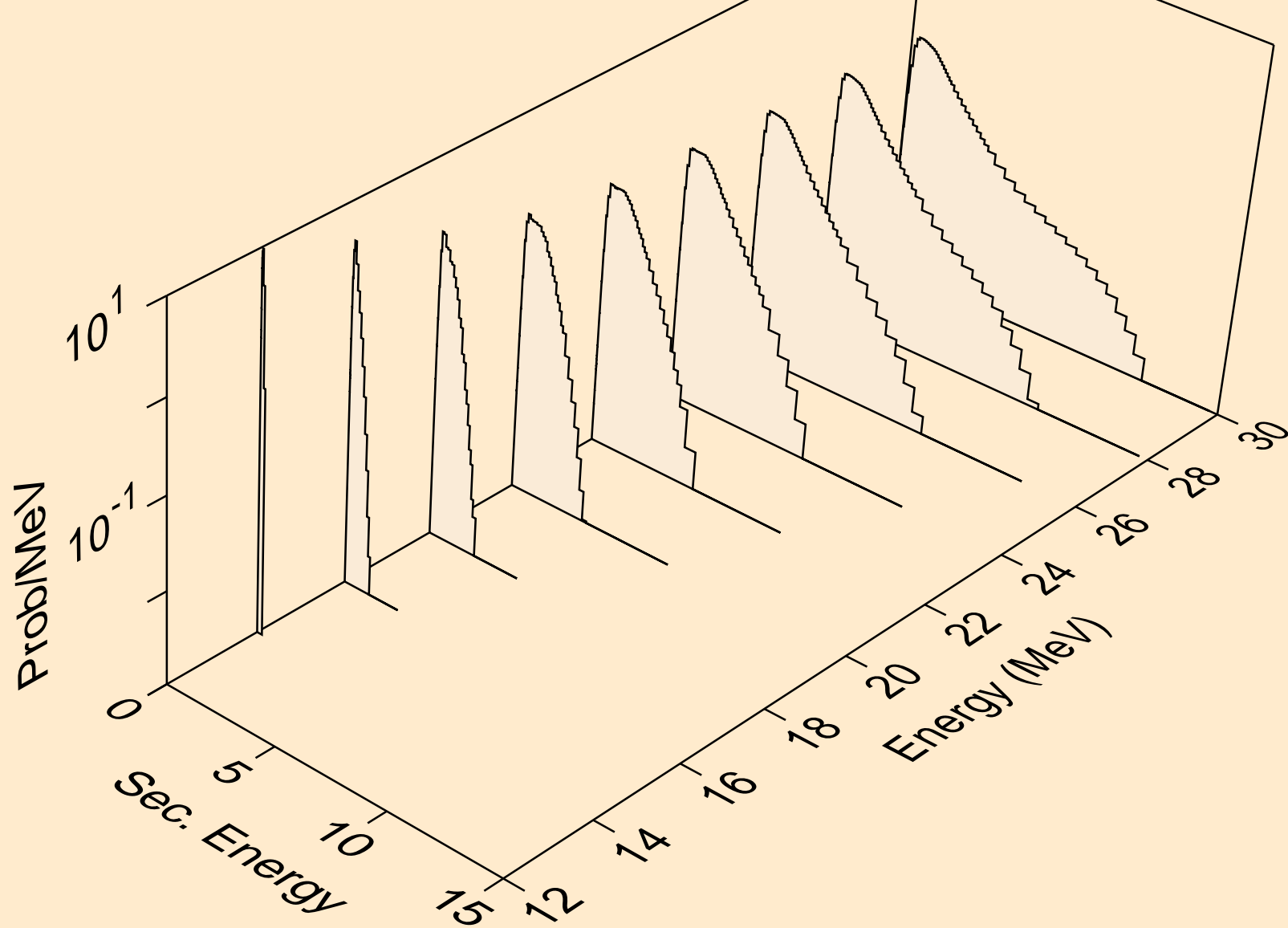
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



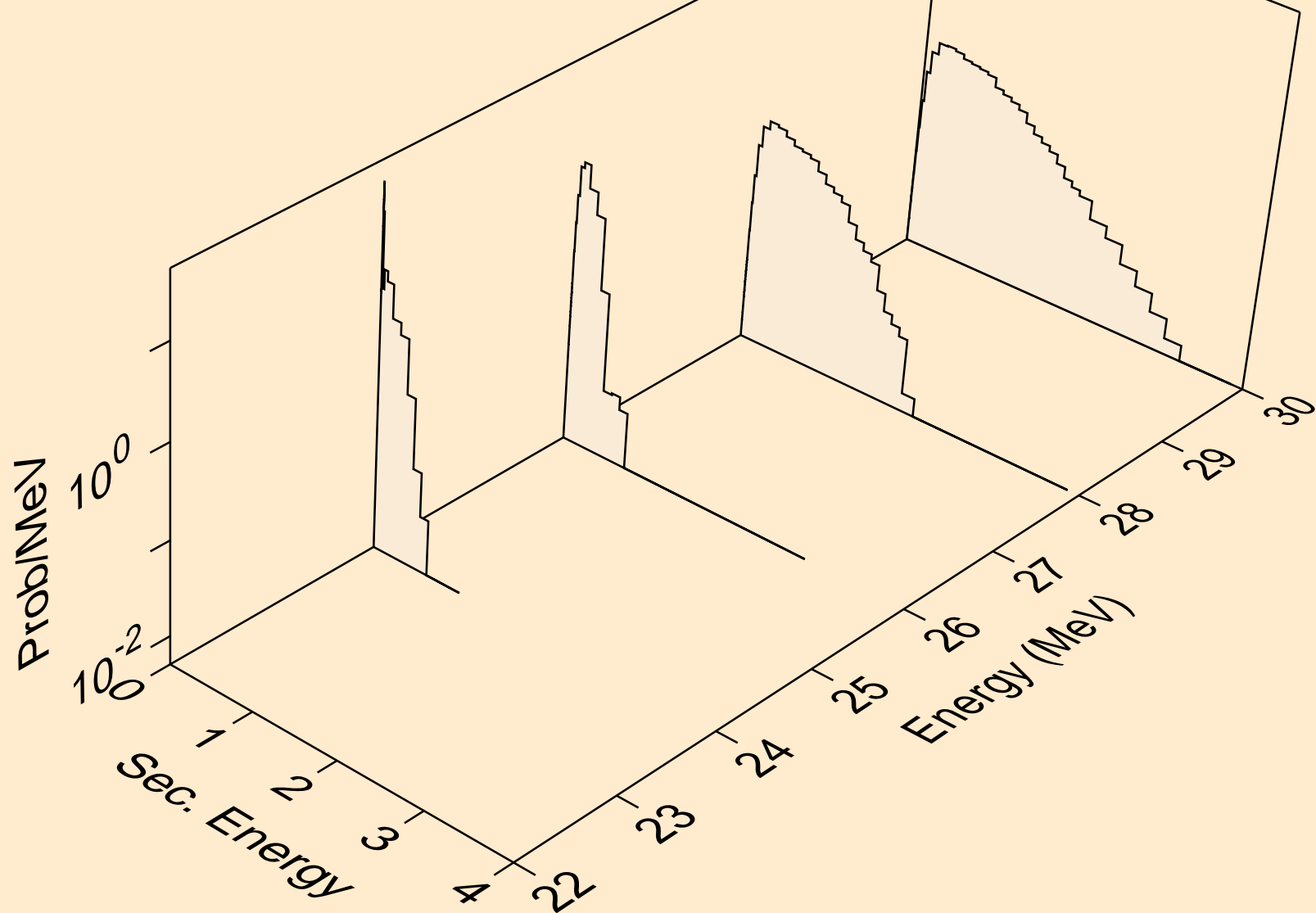
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Neutron emission for (n,n\*)he3



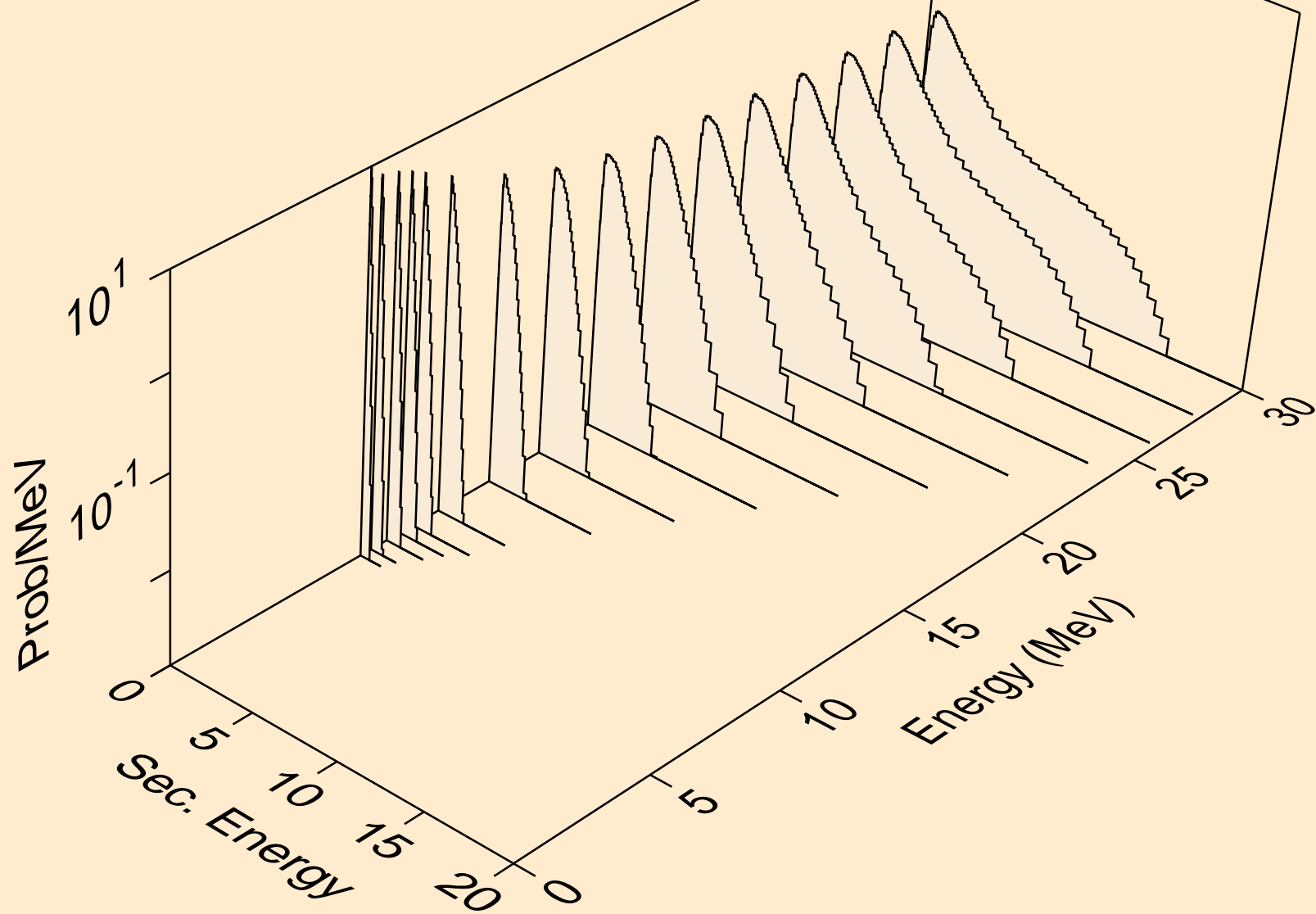
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Neutron emission for (n,2np)



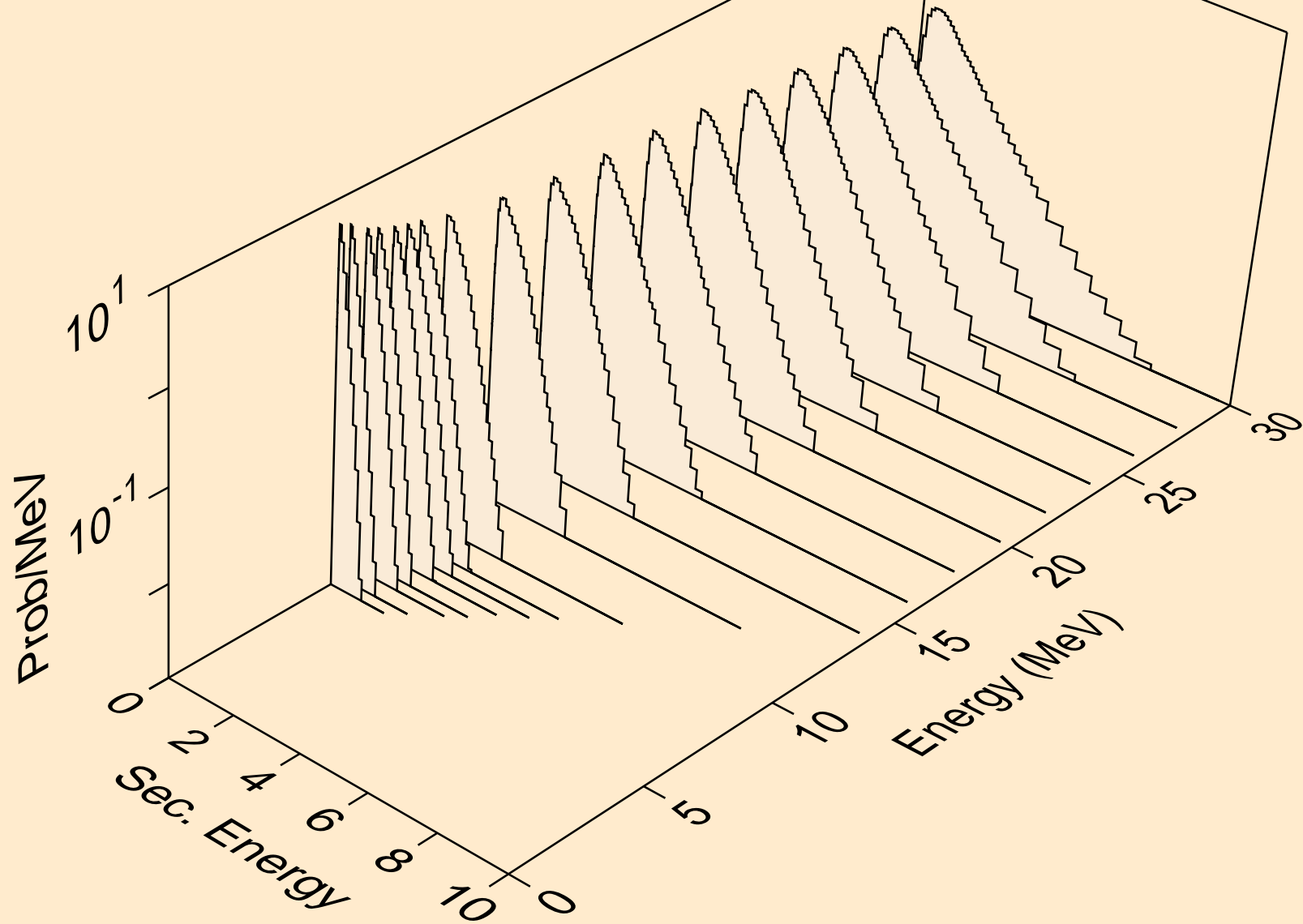
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Neutron emission for (n,3np)



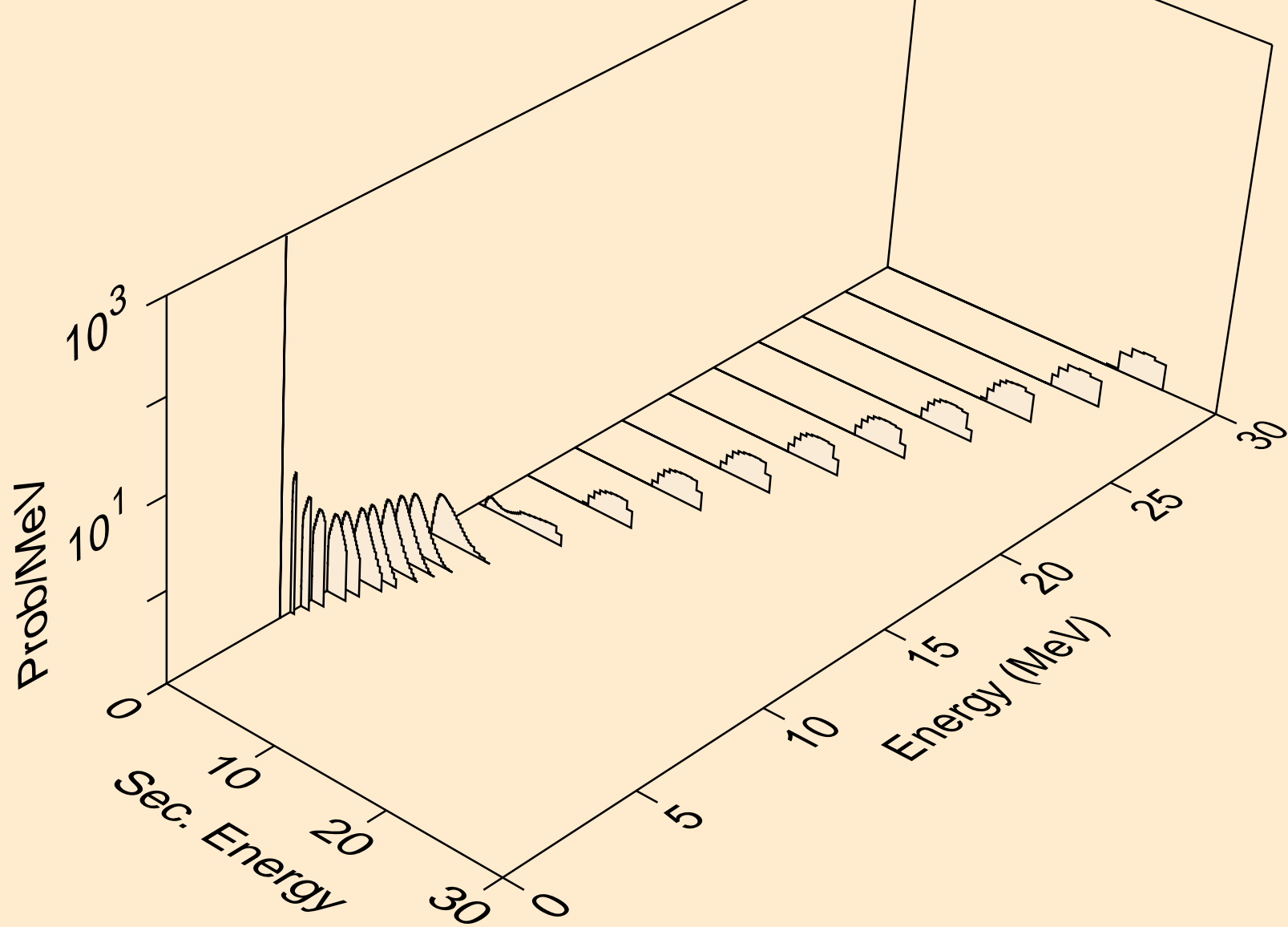
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Neutron emission for (n,2np)



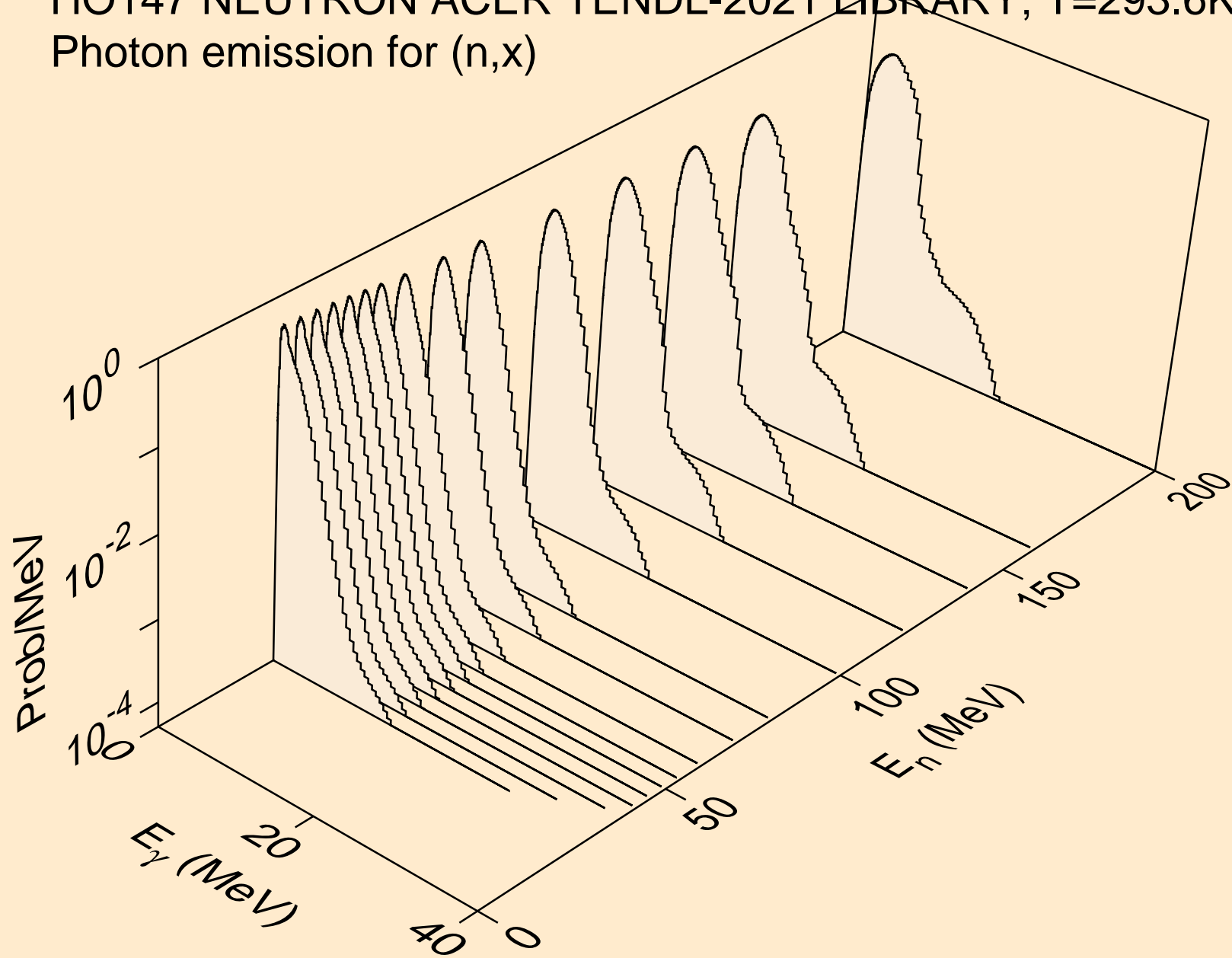
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

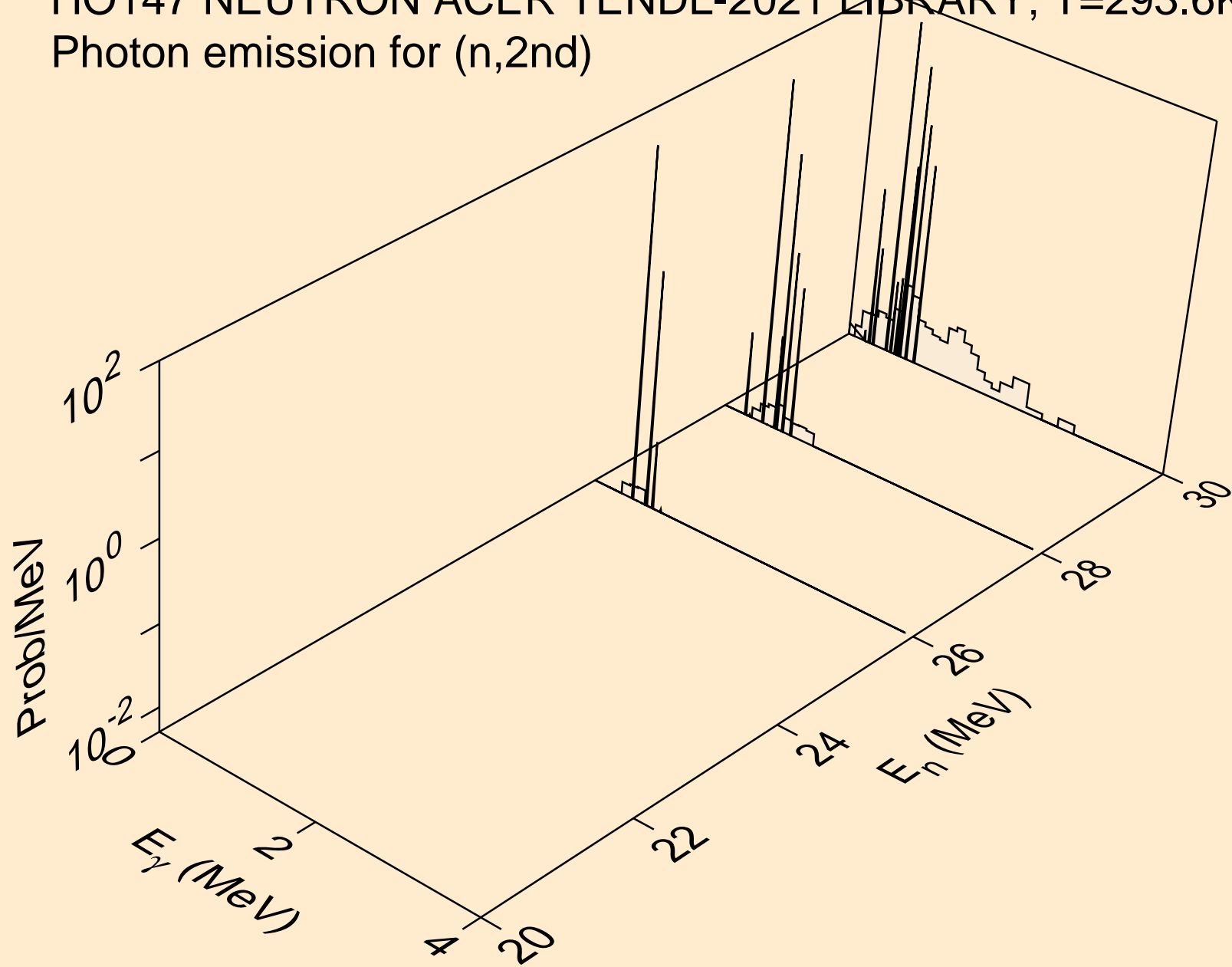


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Photon emission for (n,x)

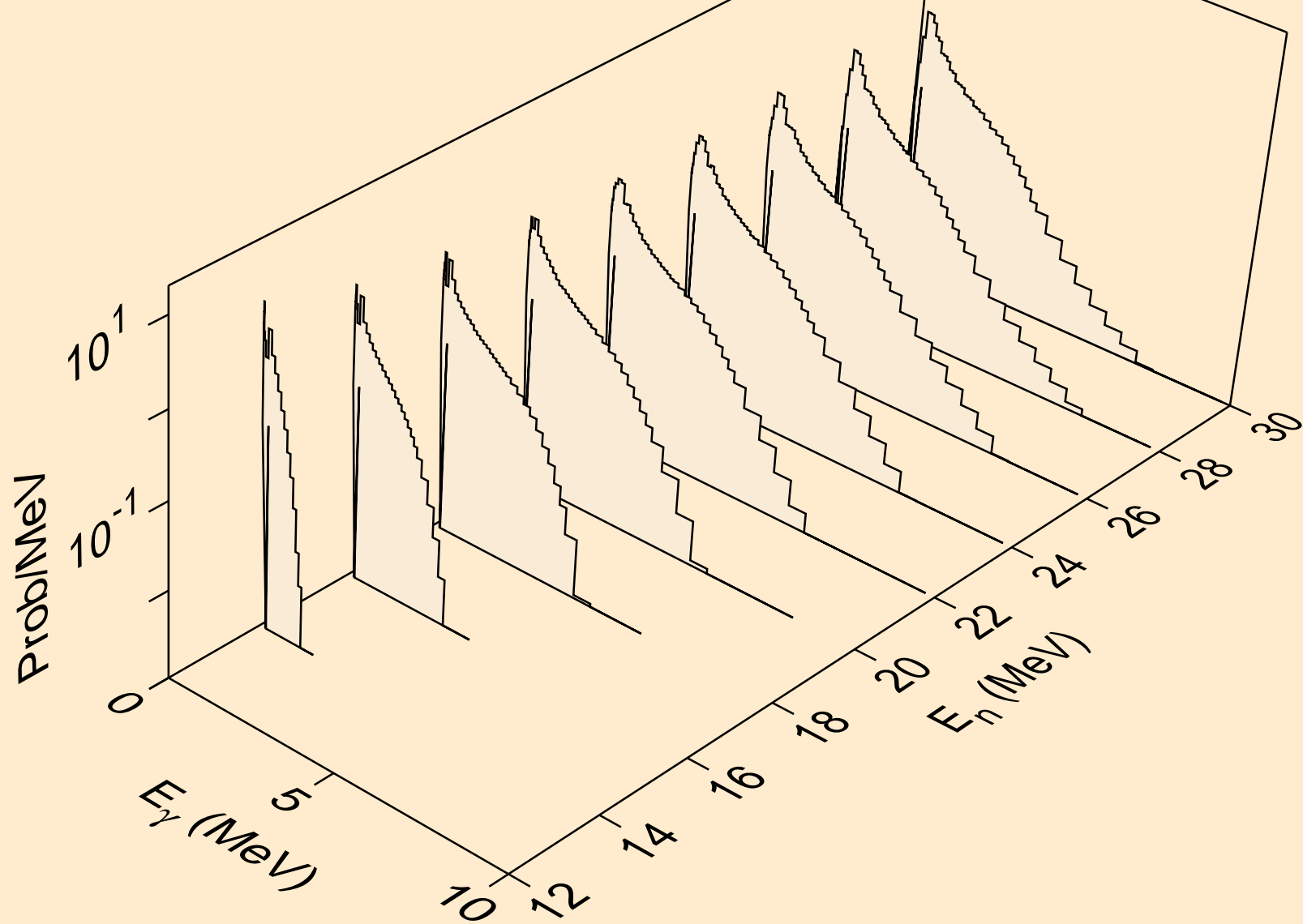




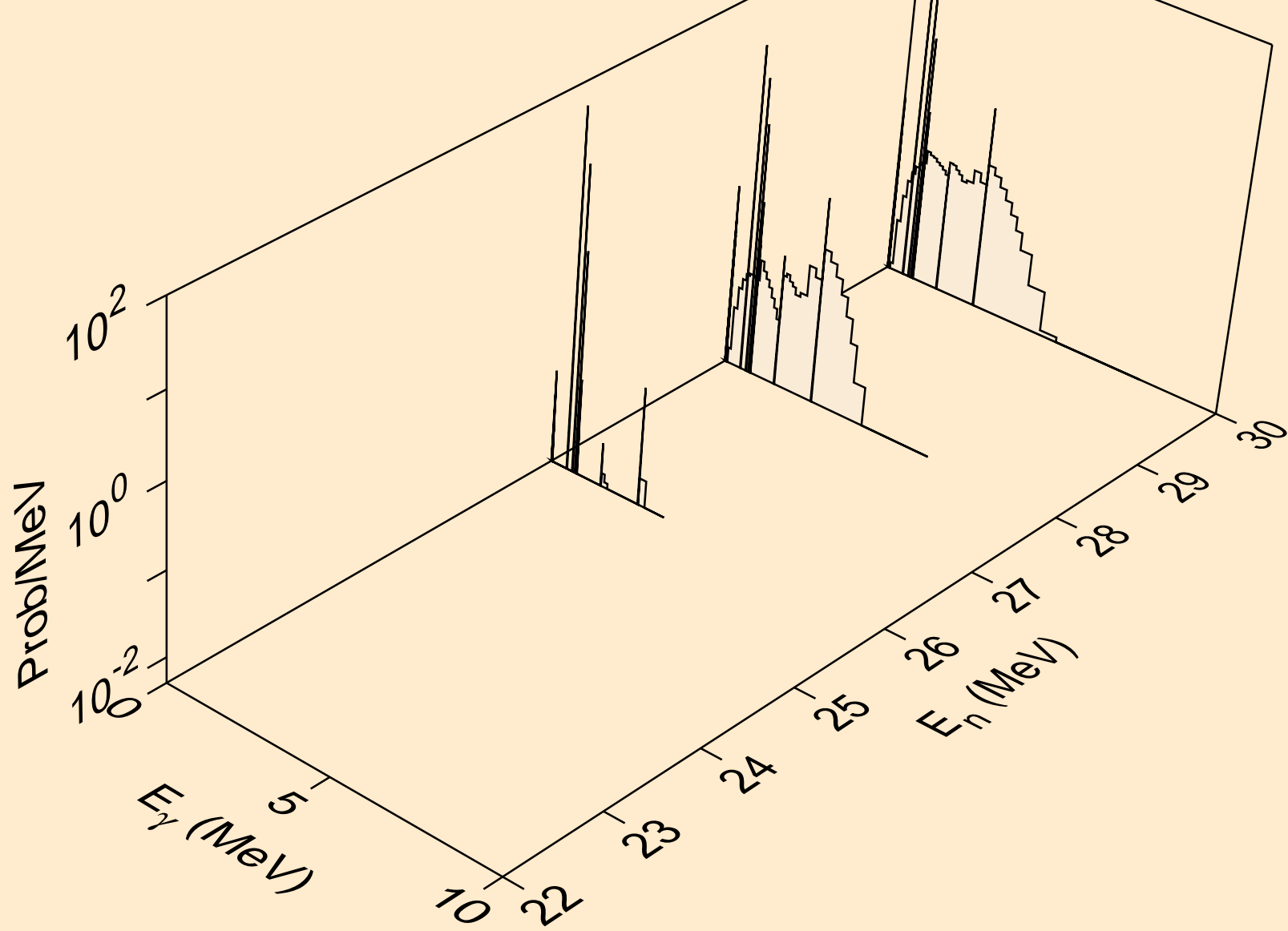
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Photon emission for (n,2nd)



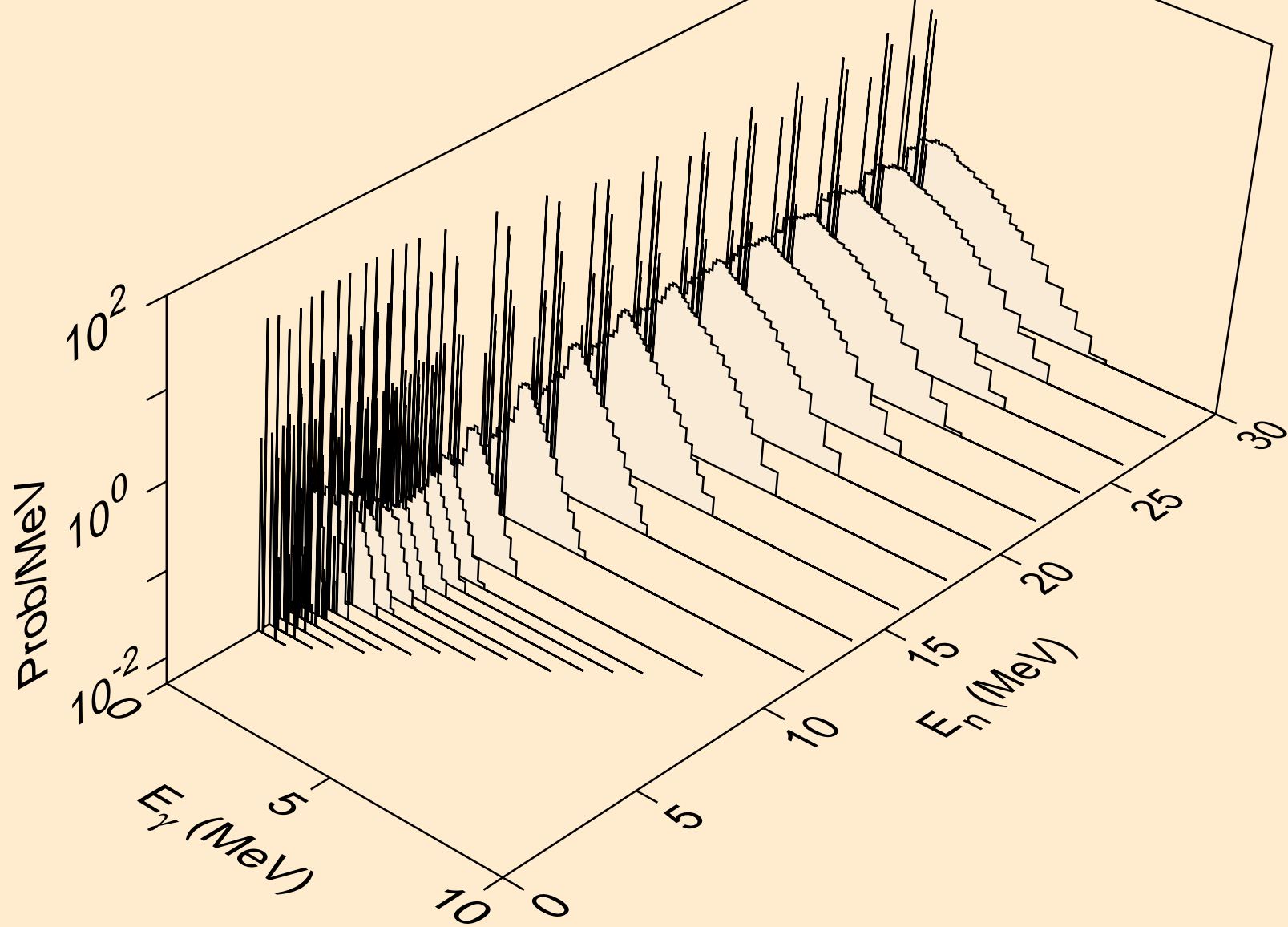
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Photon emission for (n,2n)



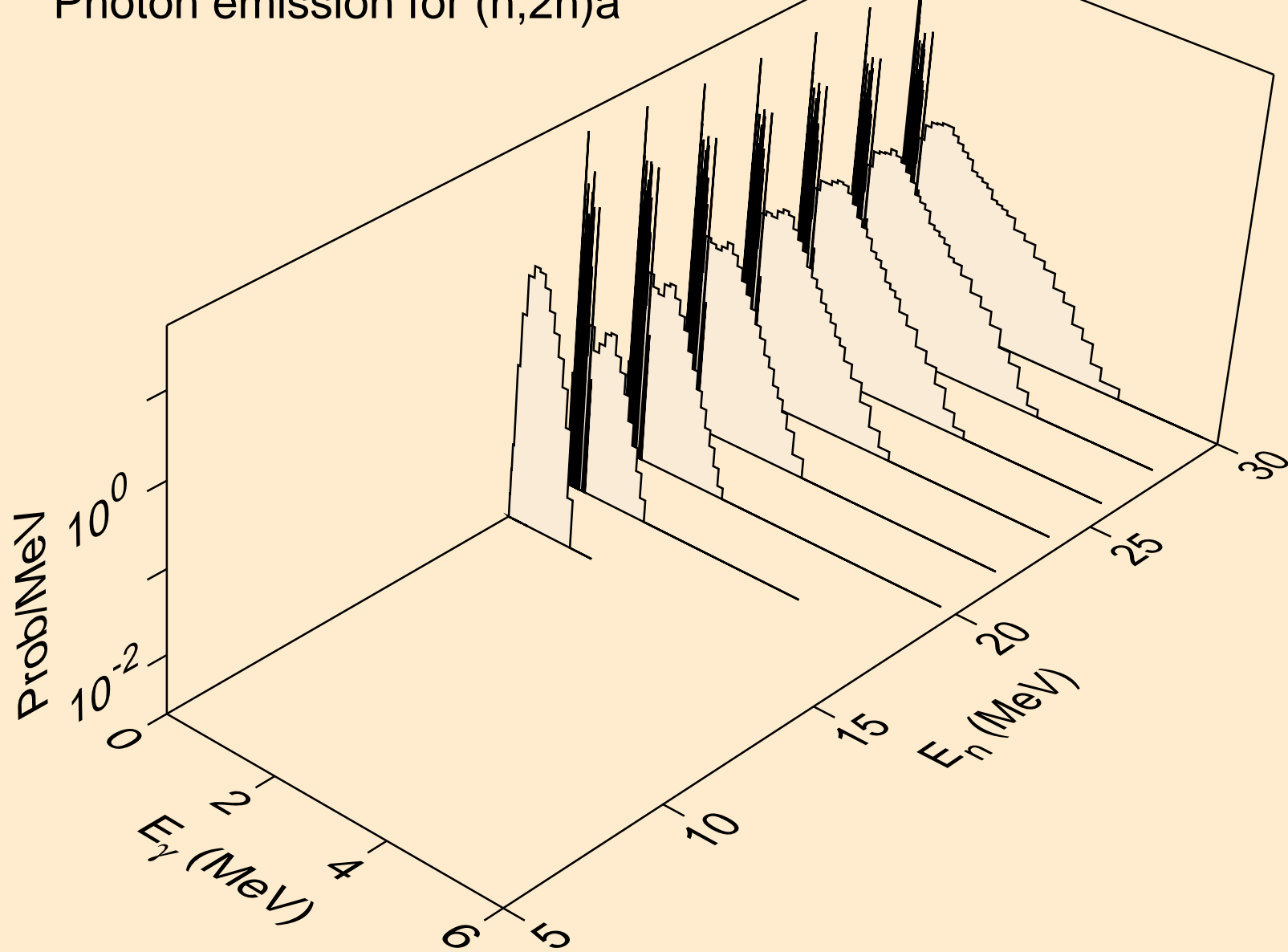
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Photon emission for (n,3n)



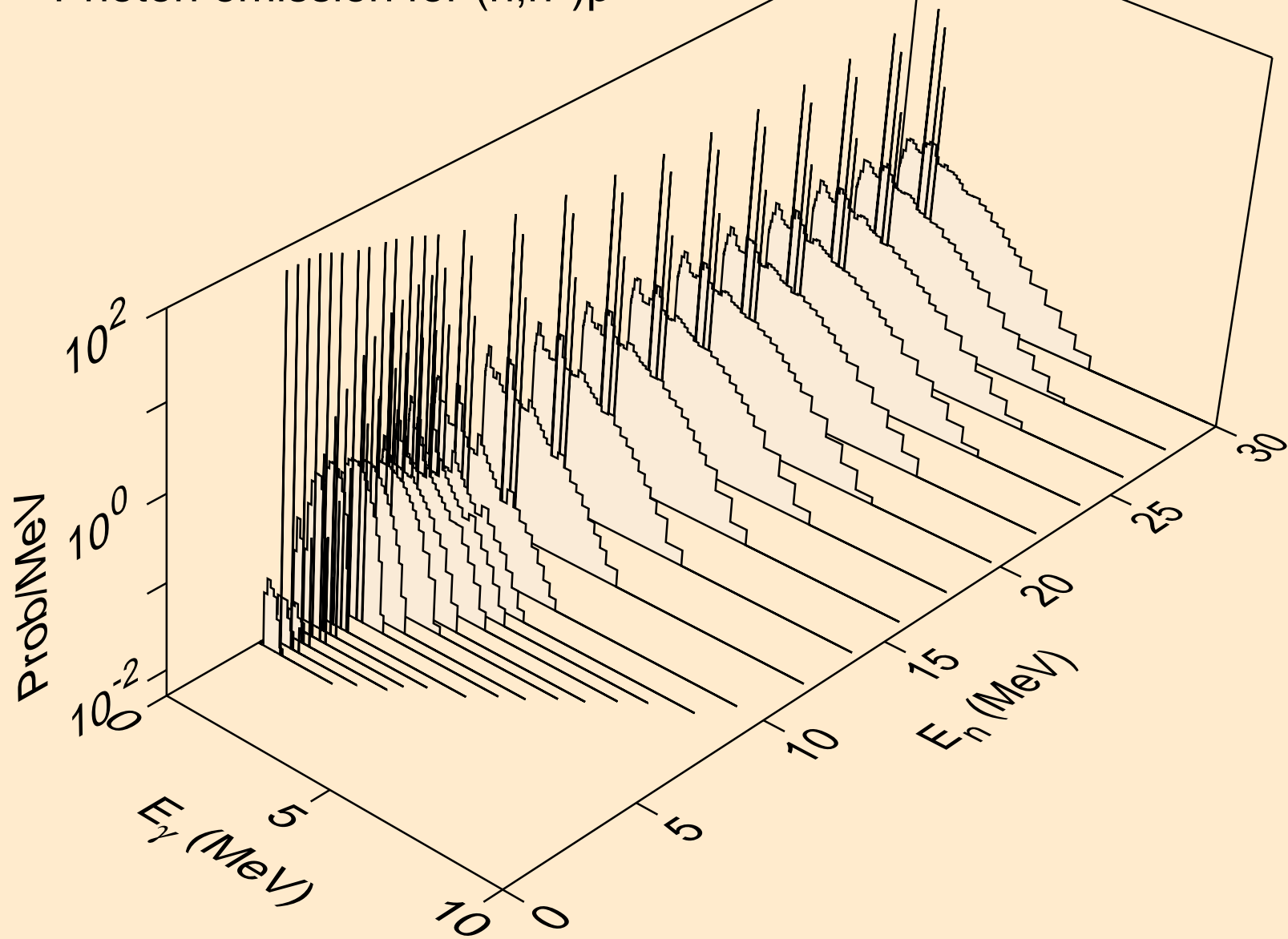
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Photon emission for (n,n\*)a



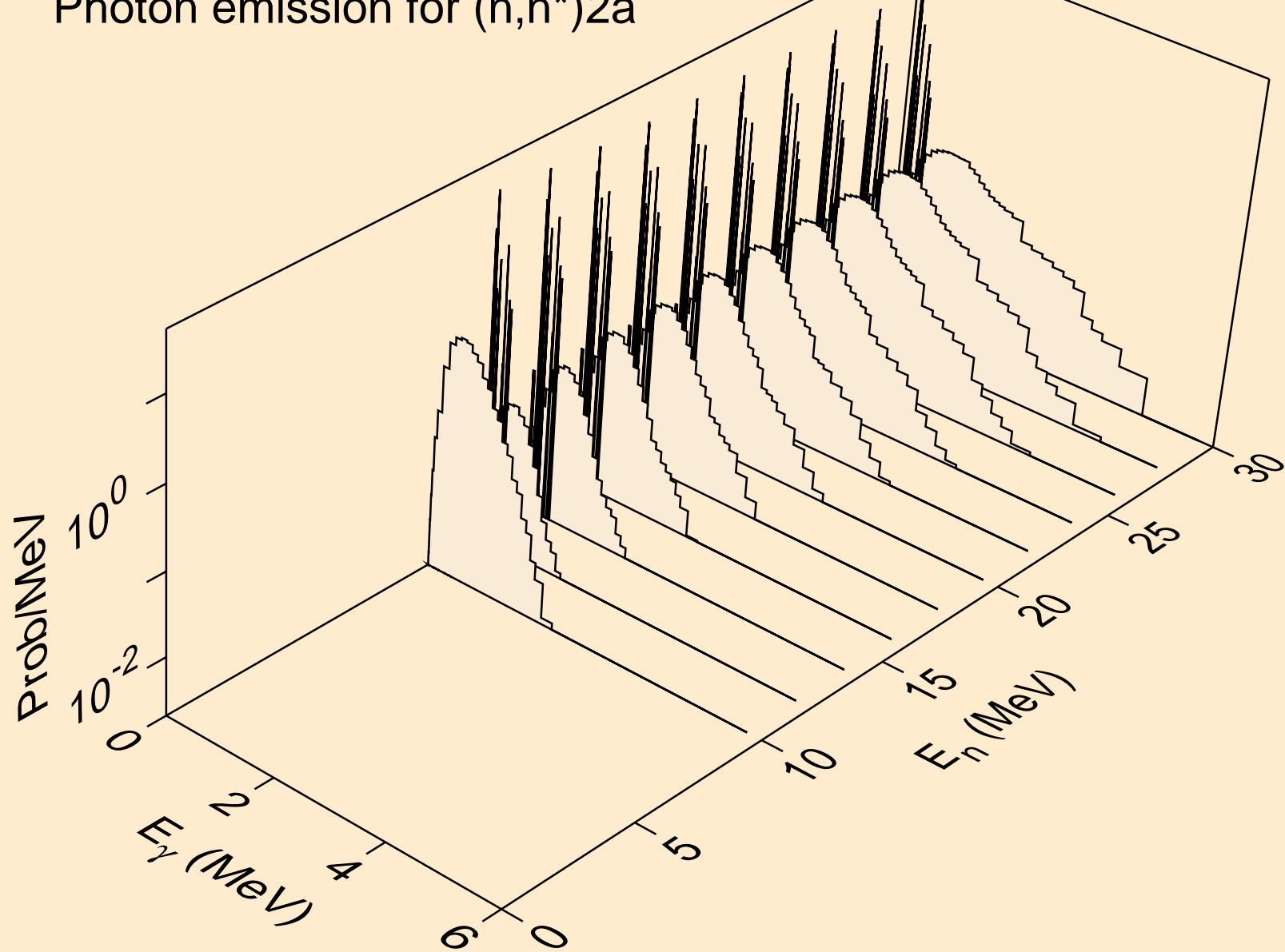
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Photon emission for (n,2n)a



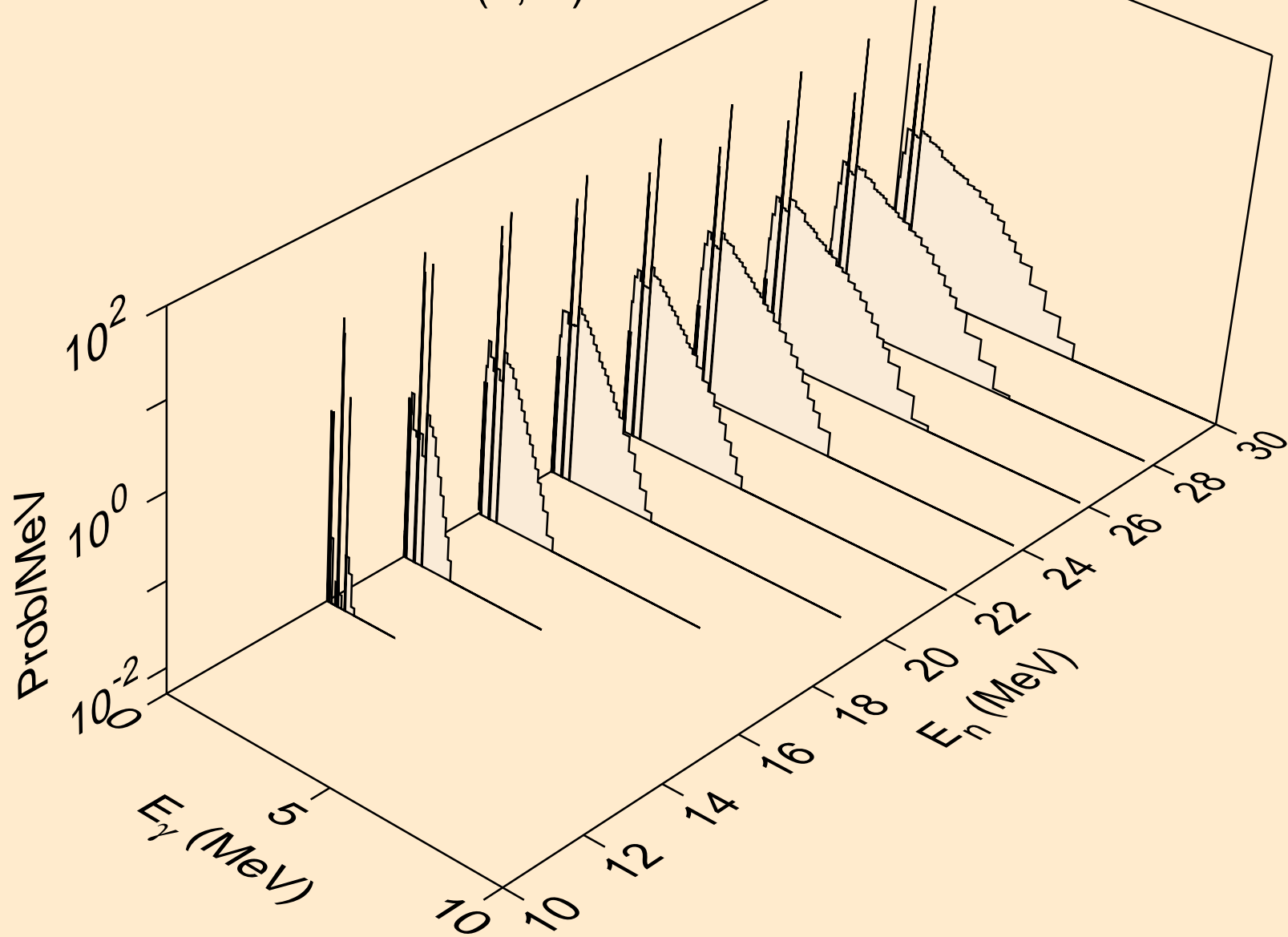
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

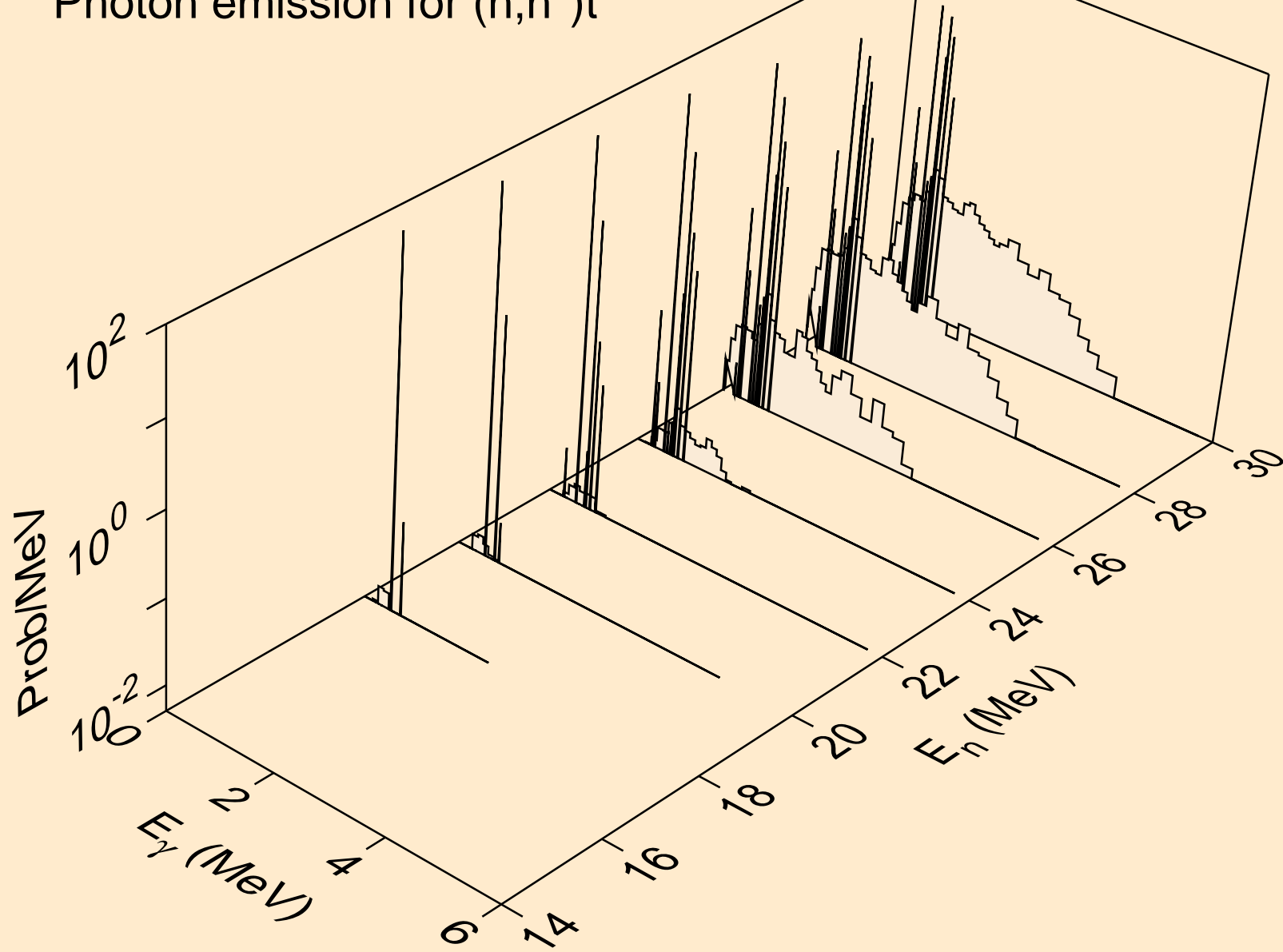


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Photon emission for (n,n\*)d

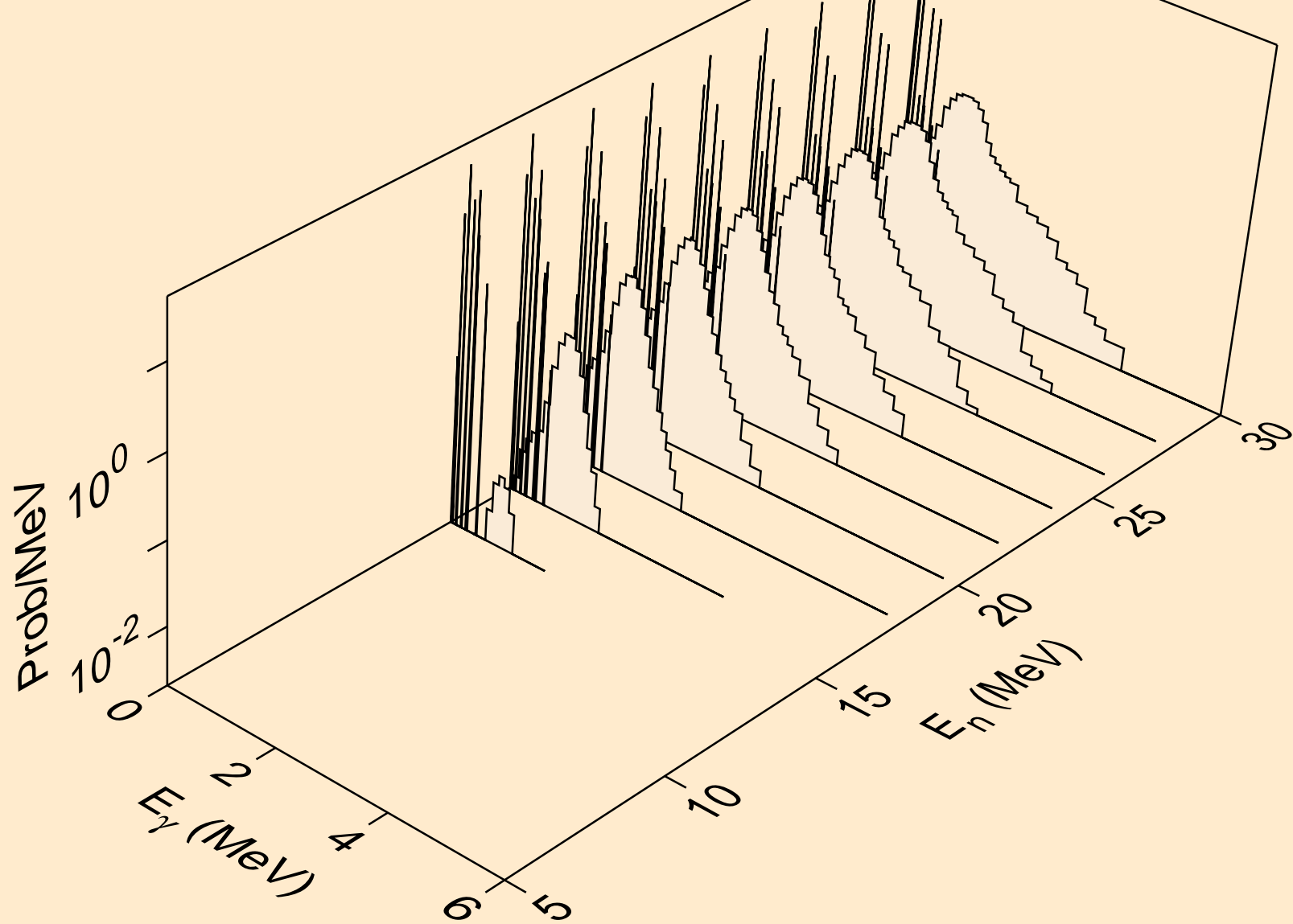




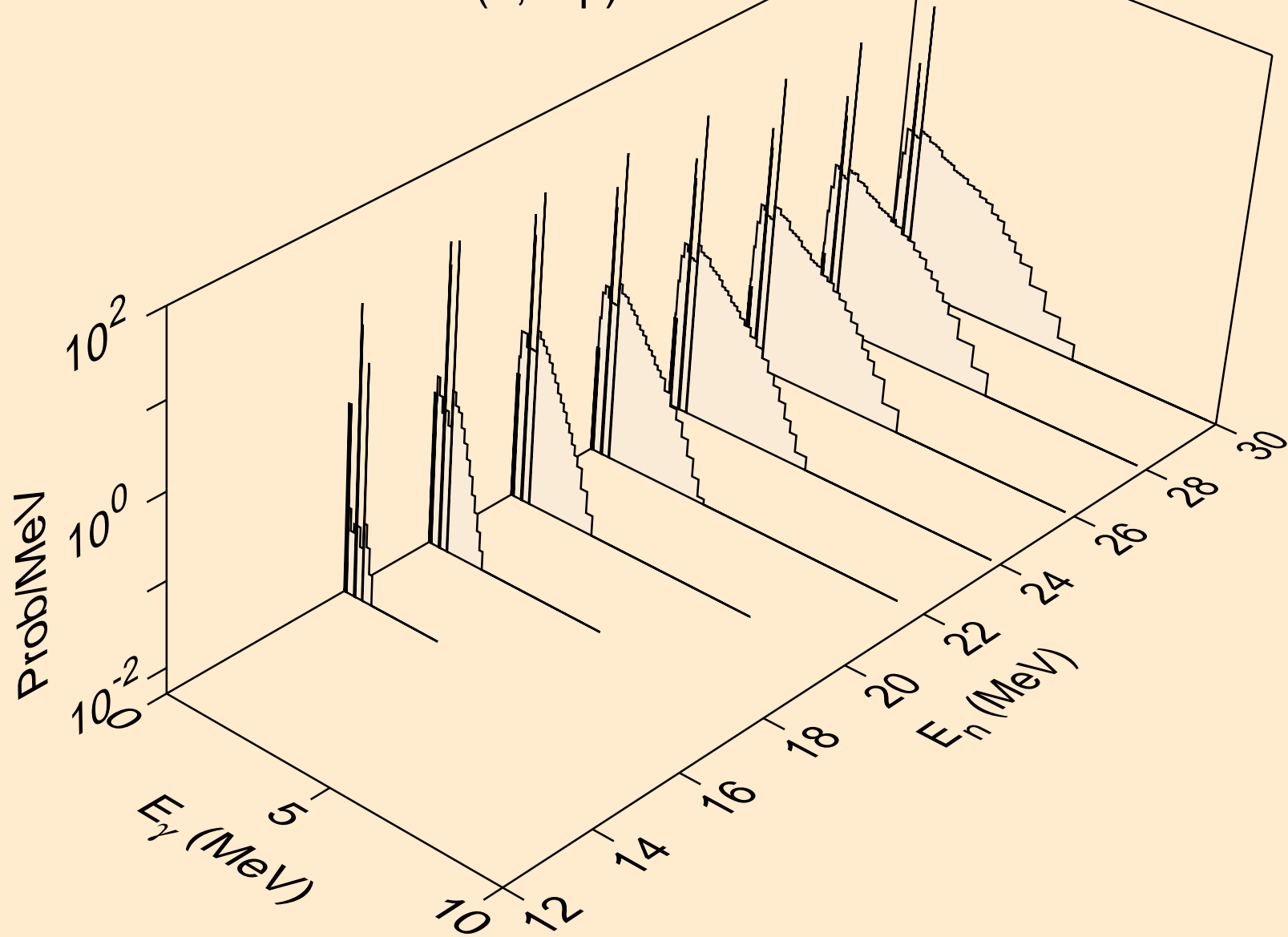
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Photon emission for (n,n\*)t



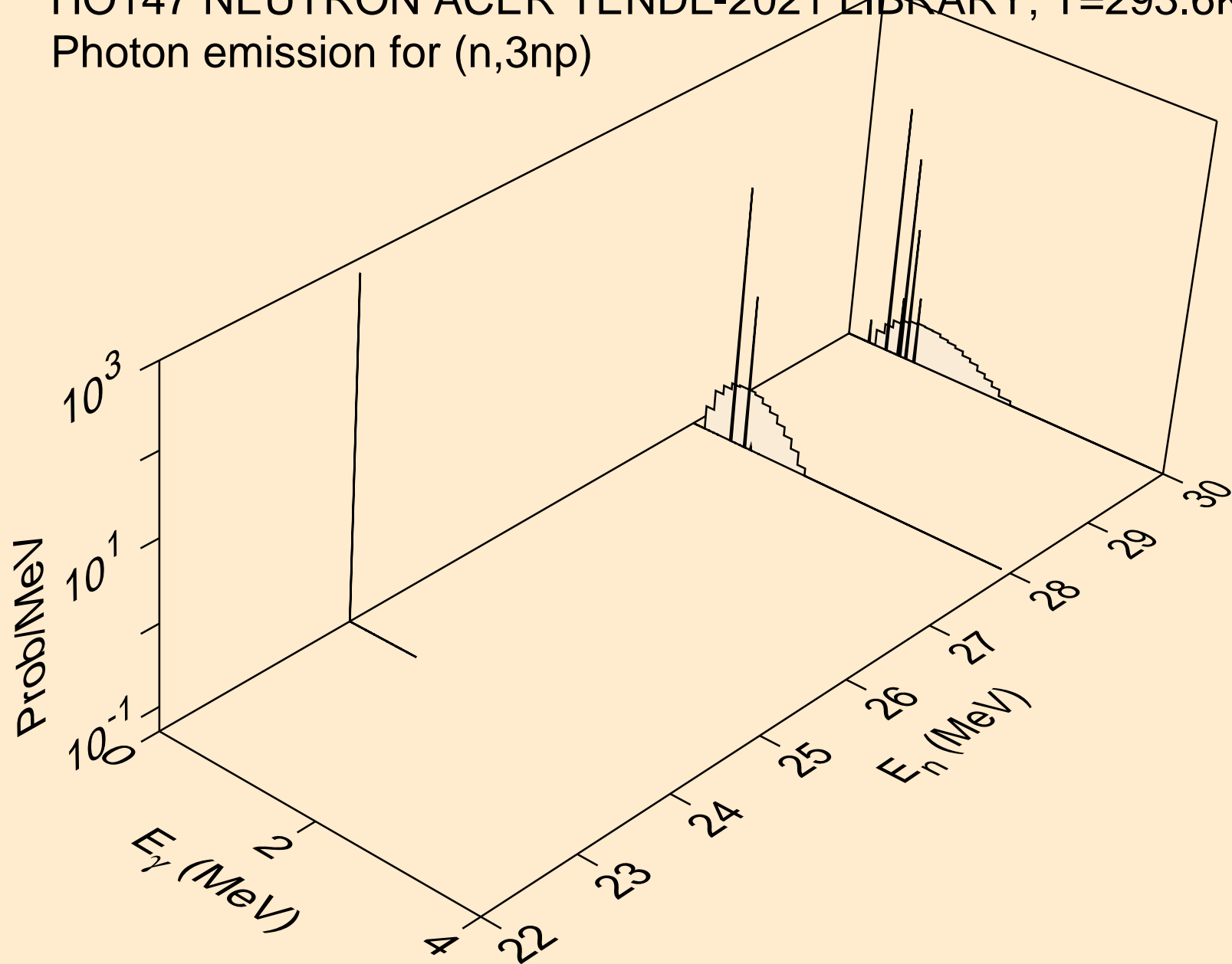
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



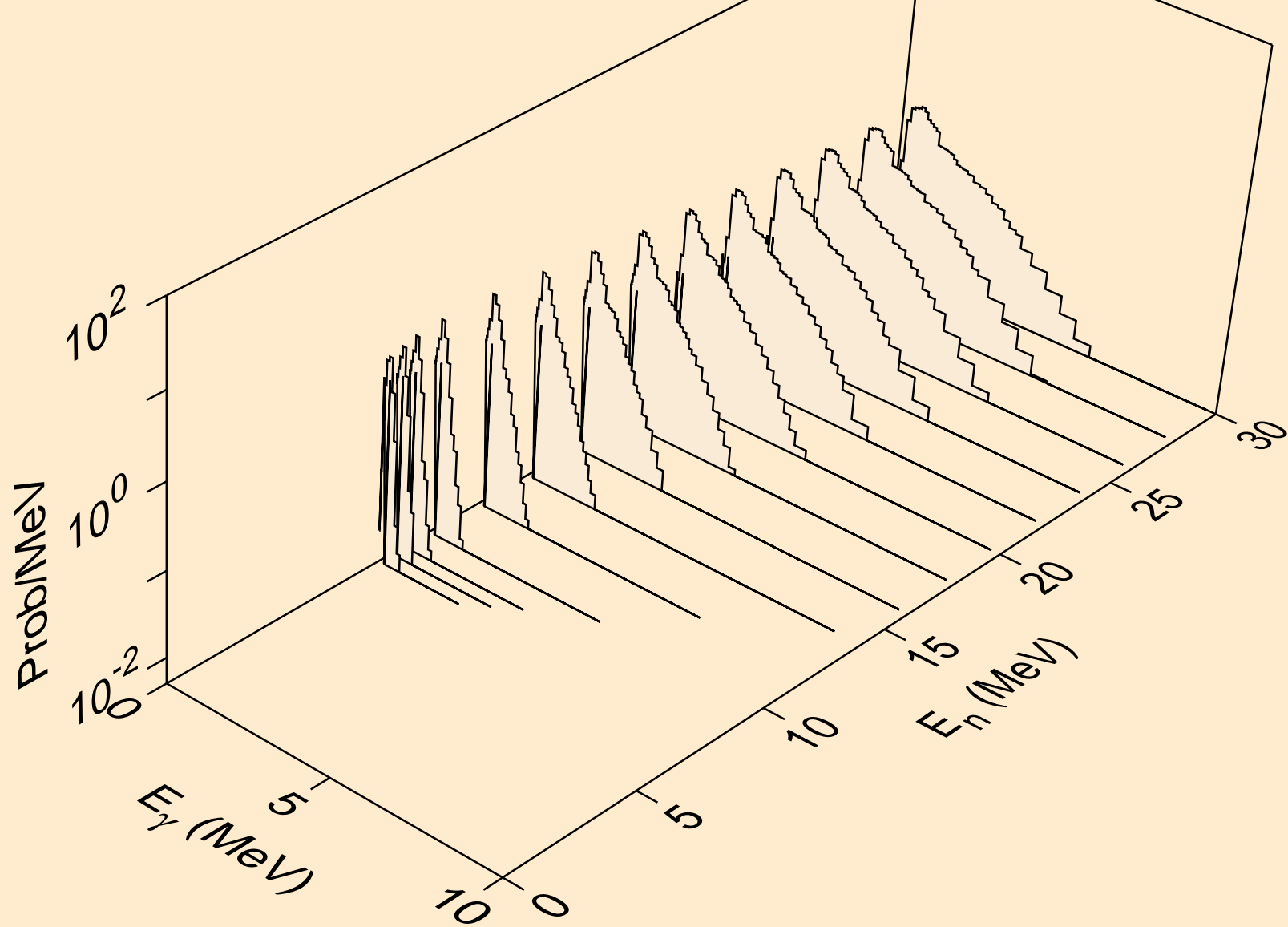
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Photon emission for (n,2np)



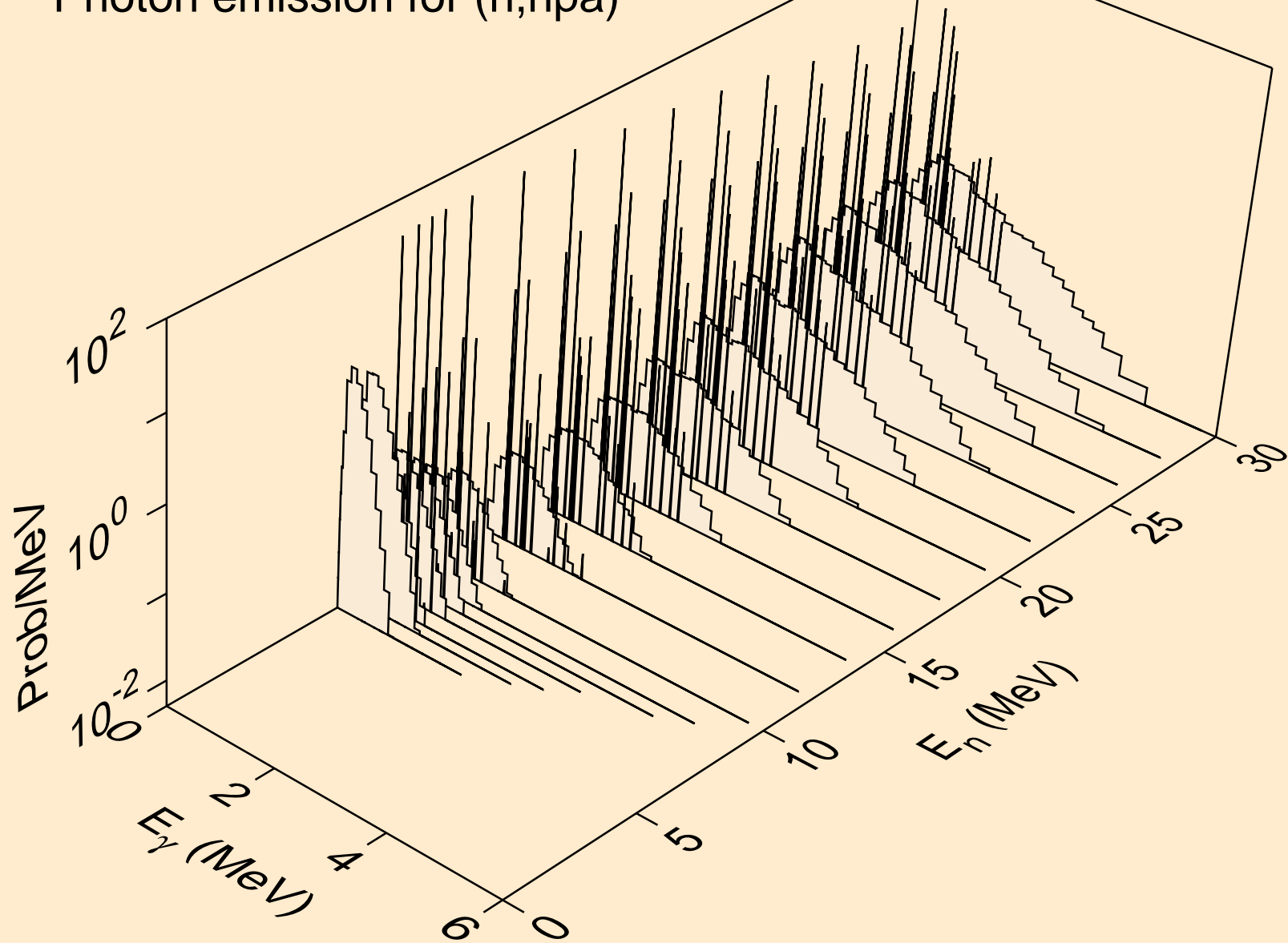
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Photon emission for (n,3np)



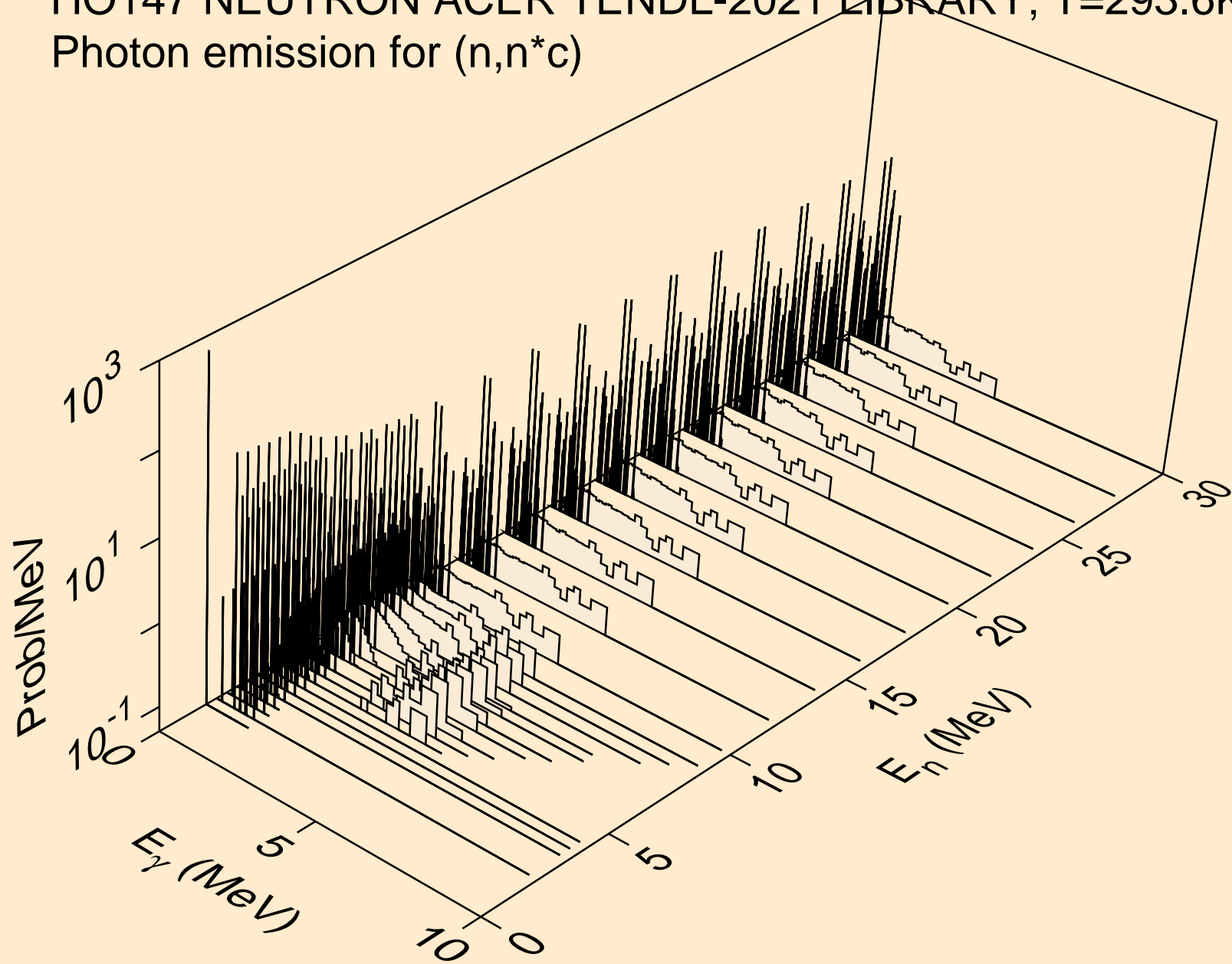
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Photon emission for (n,2np)



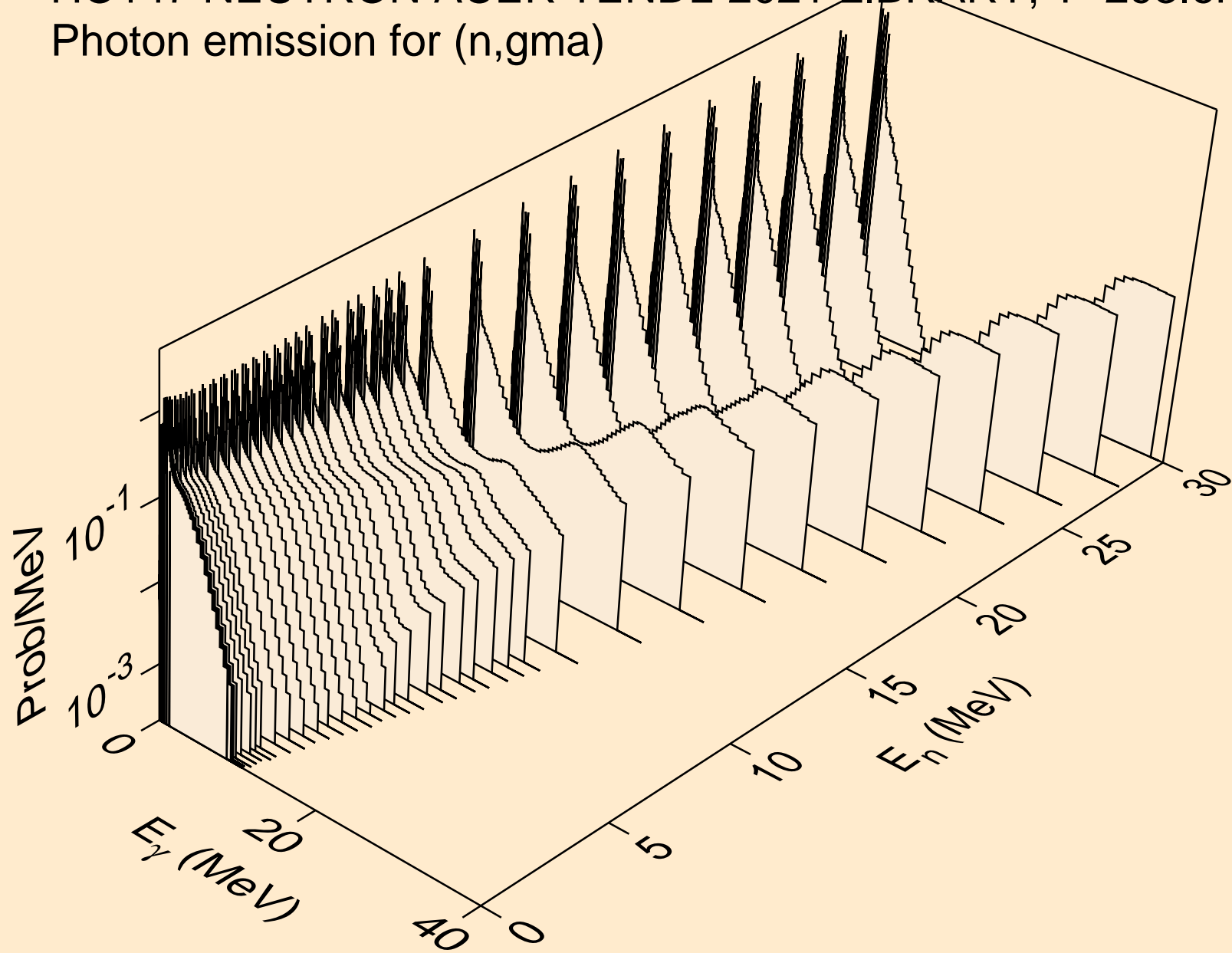
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

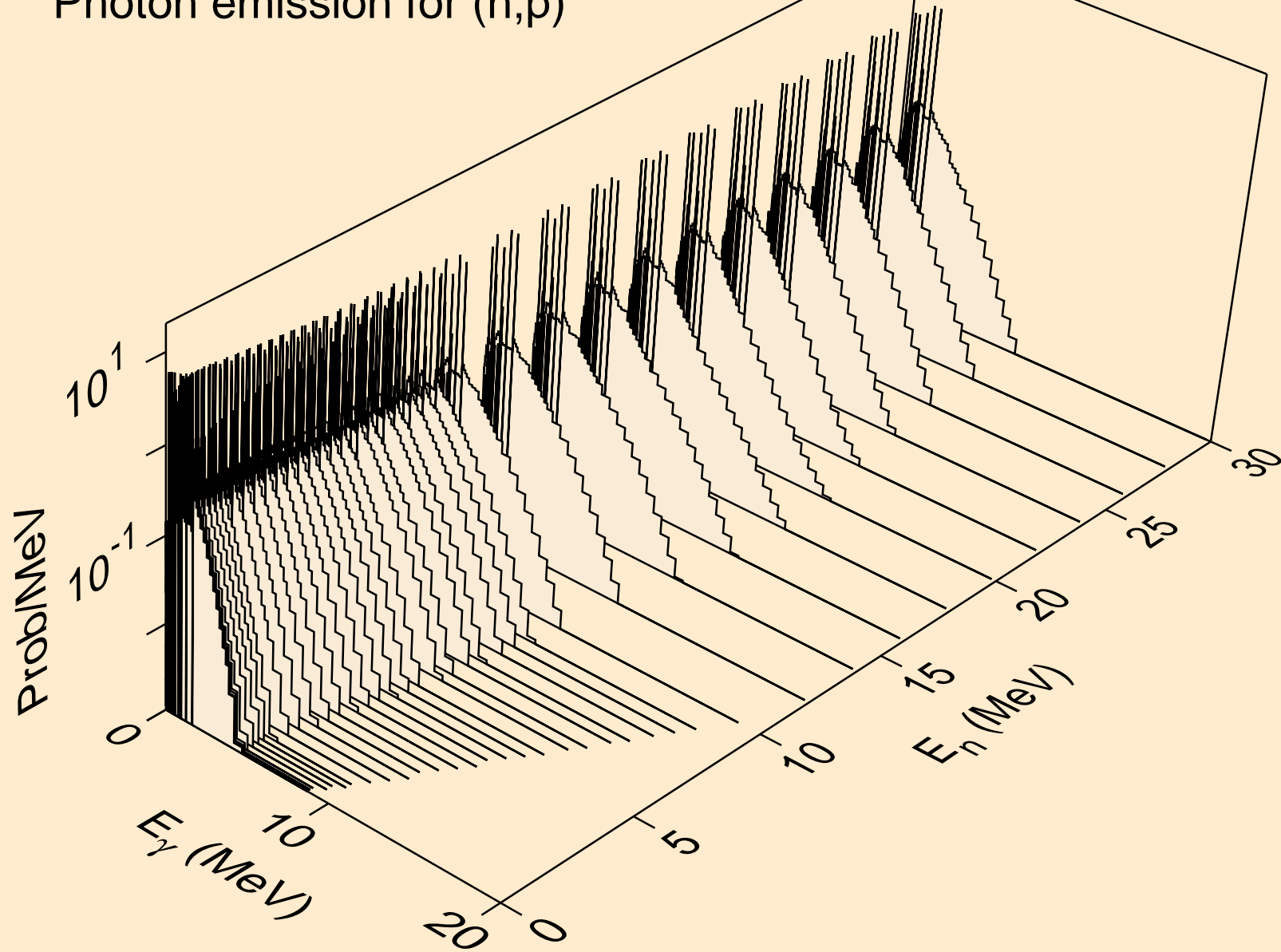


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

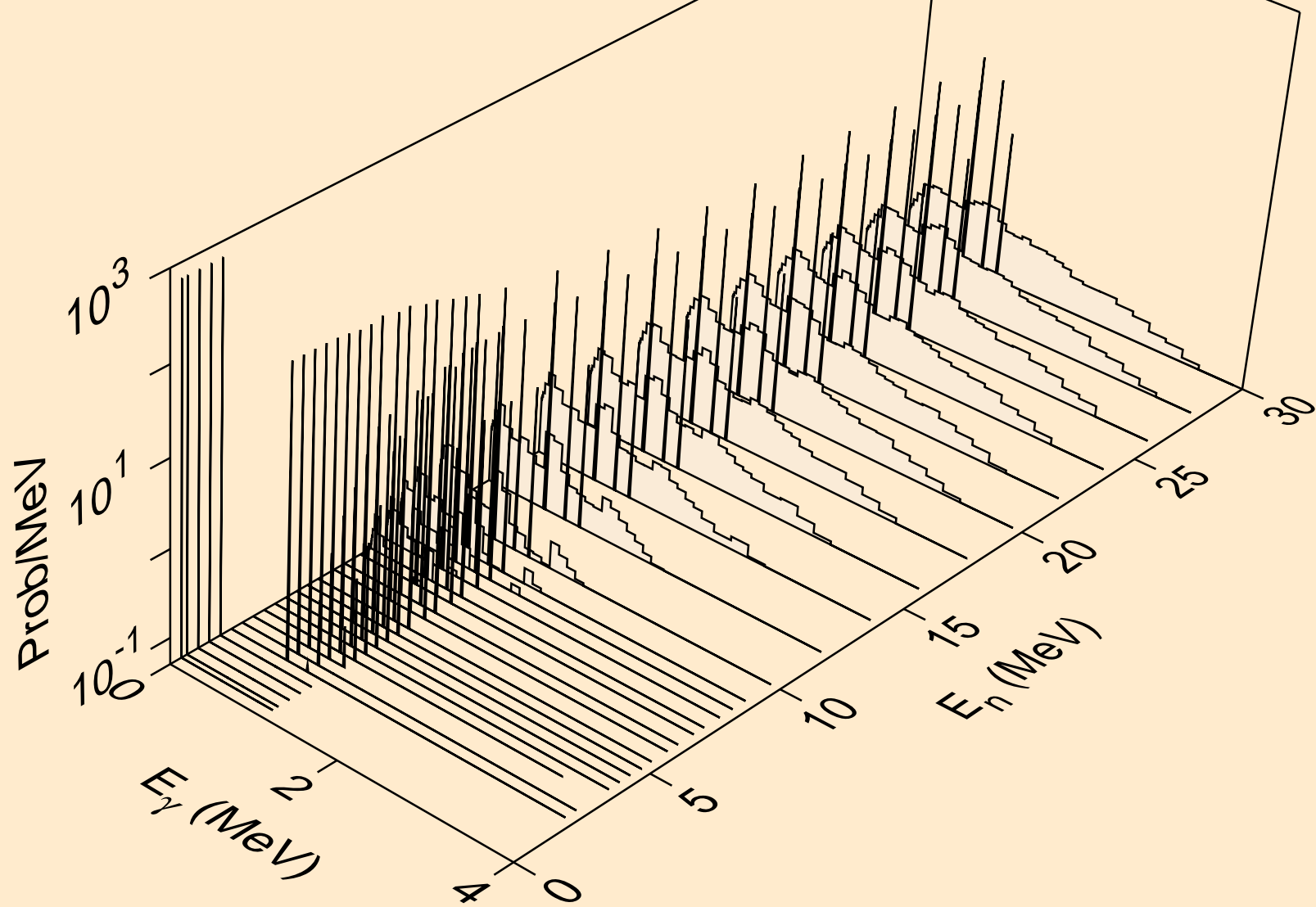




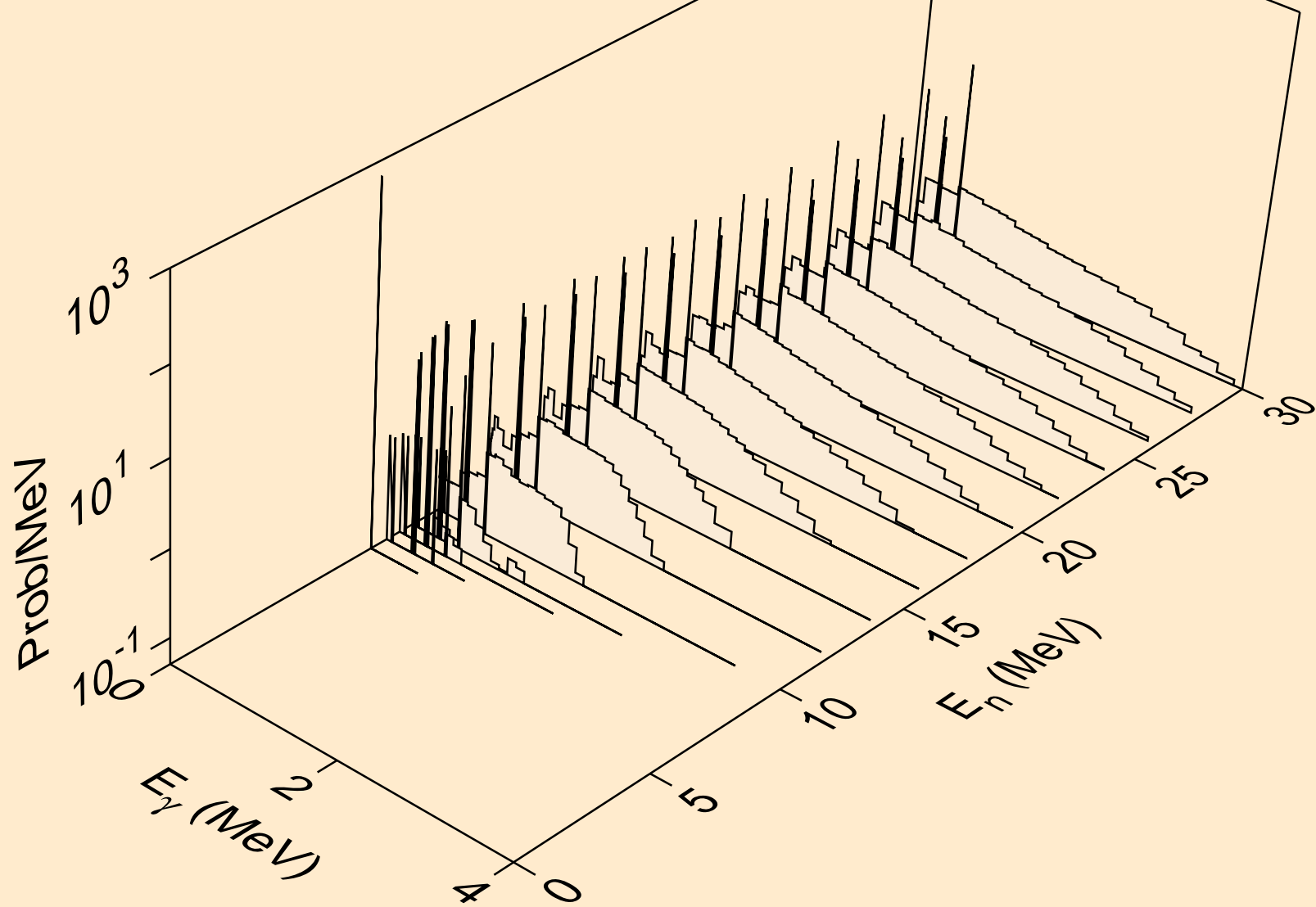
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Photon emission for (n,p)



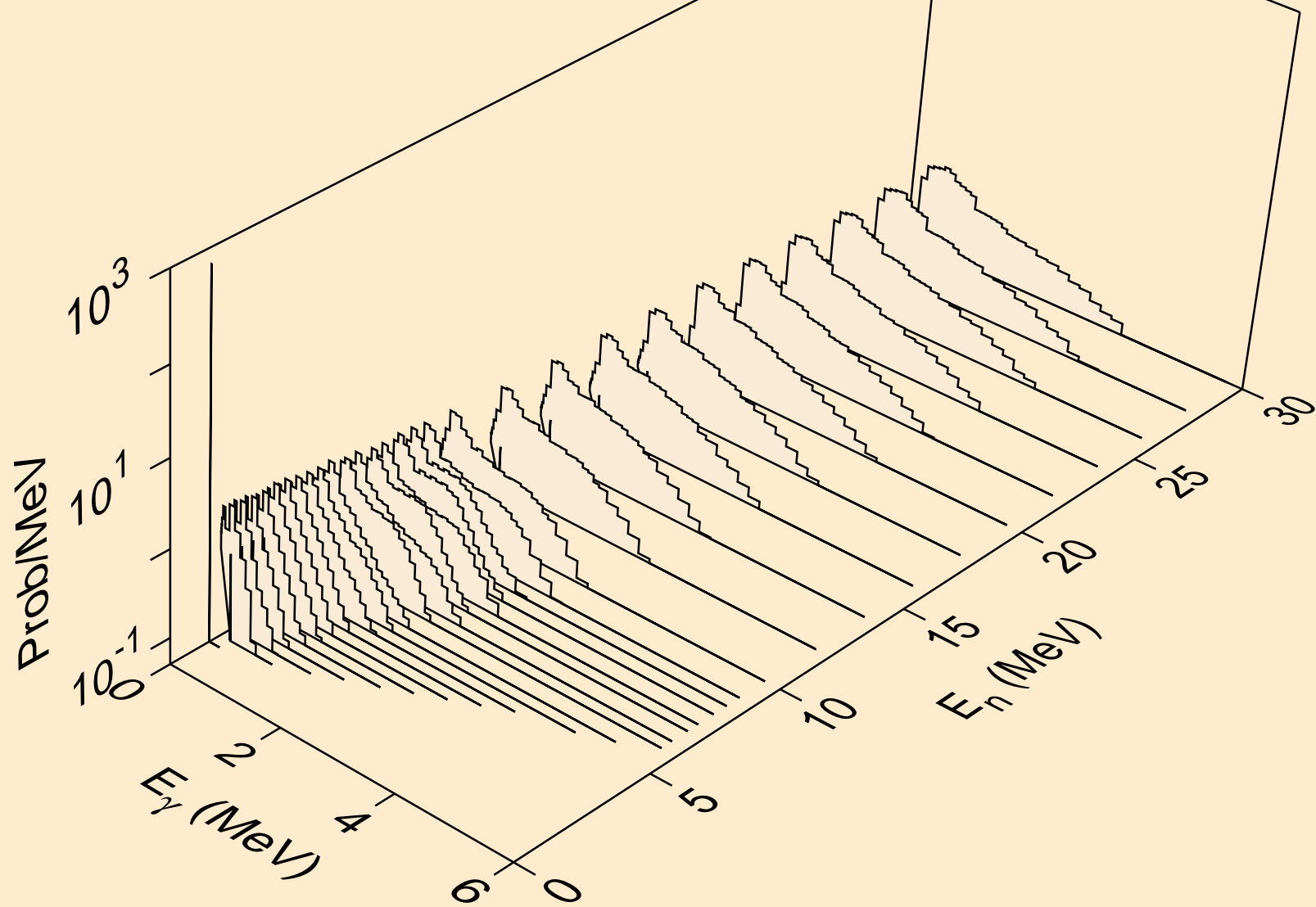
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



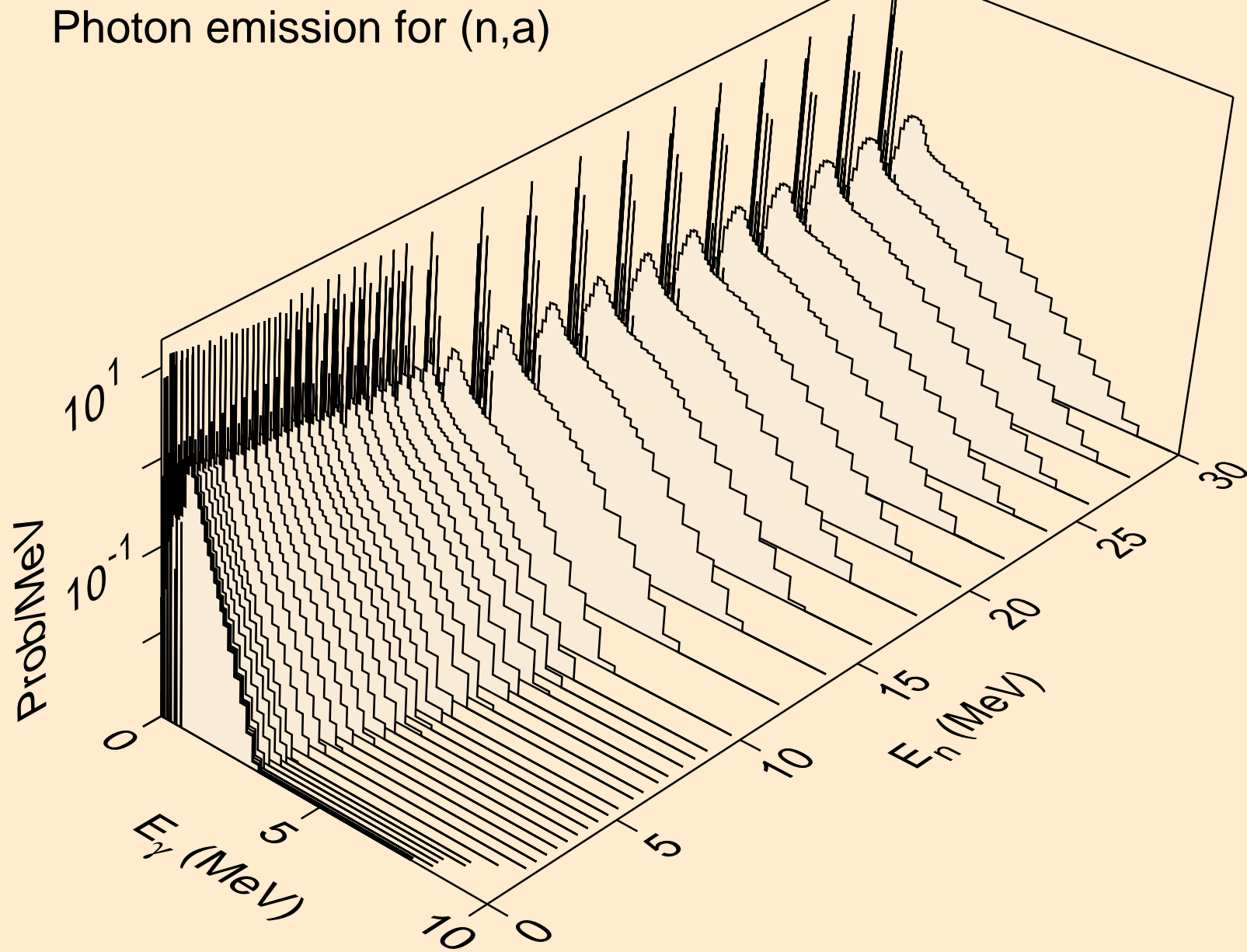
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Photon emission for (n,t)



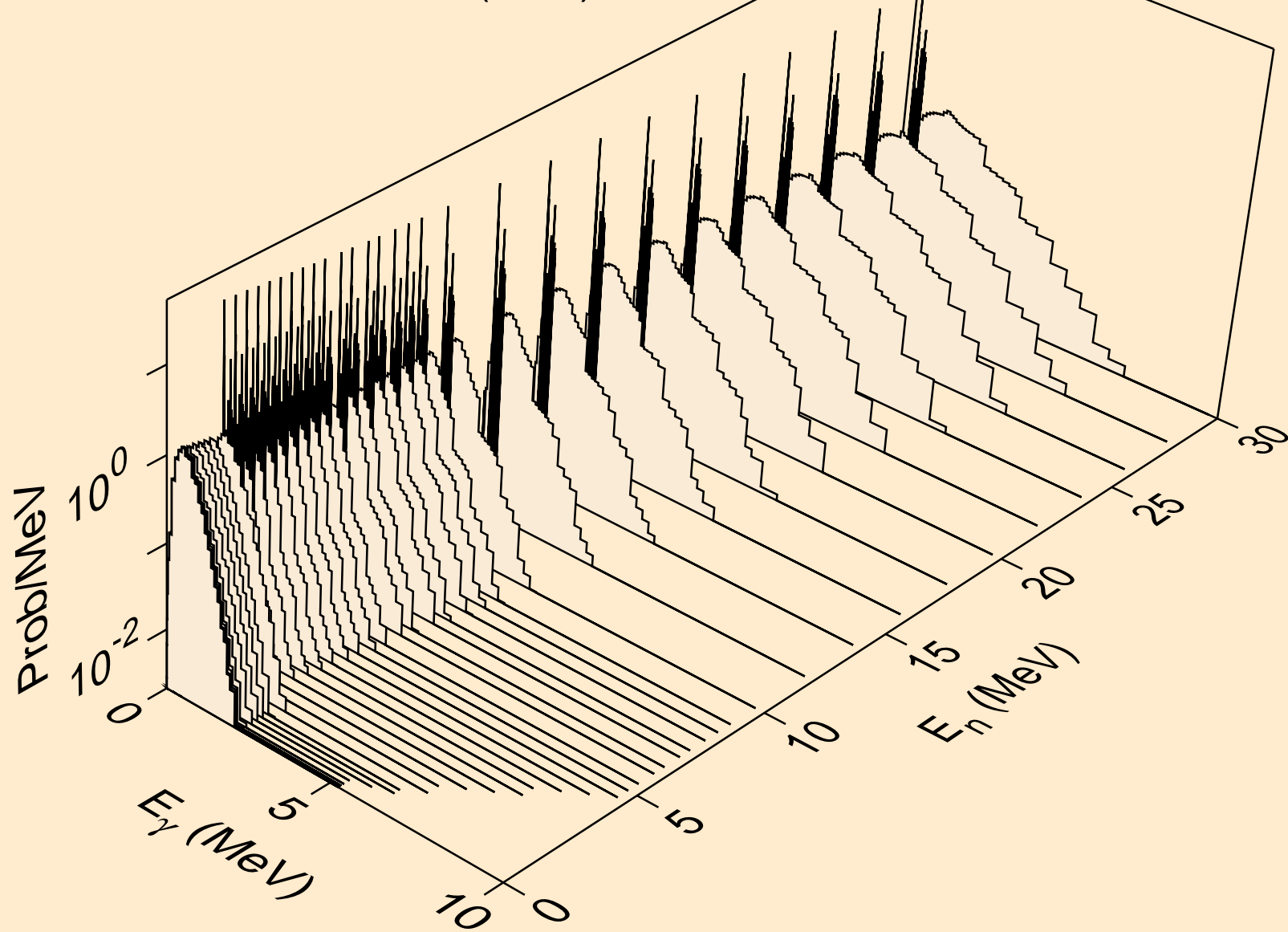
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Photon emission for (n,he3)



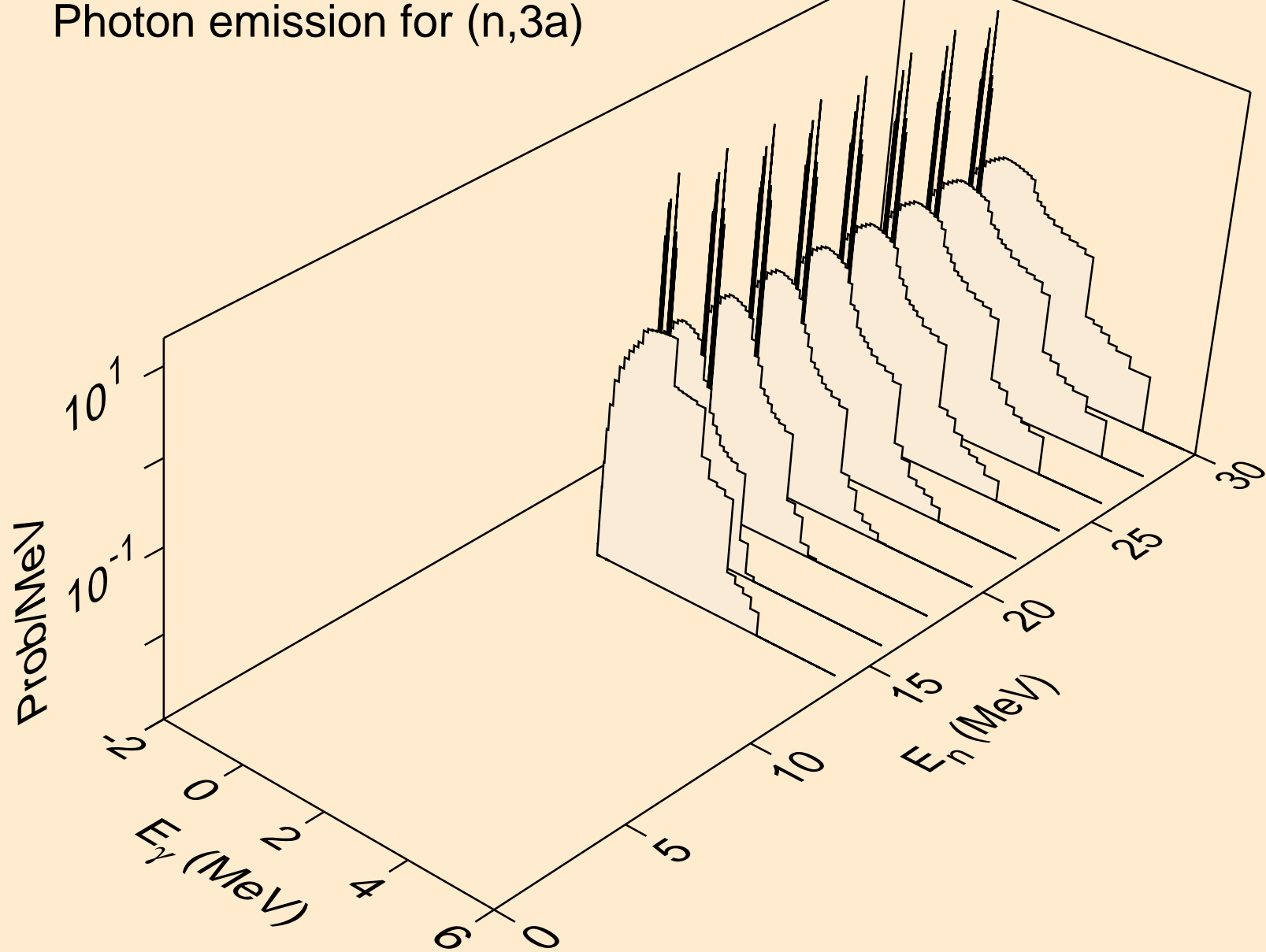
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



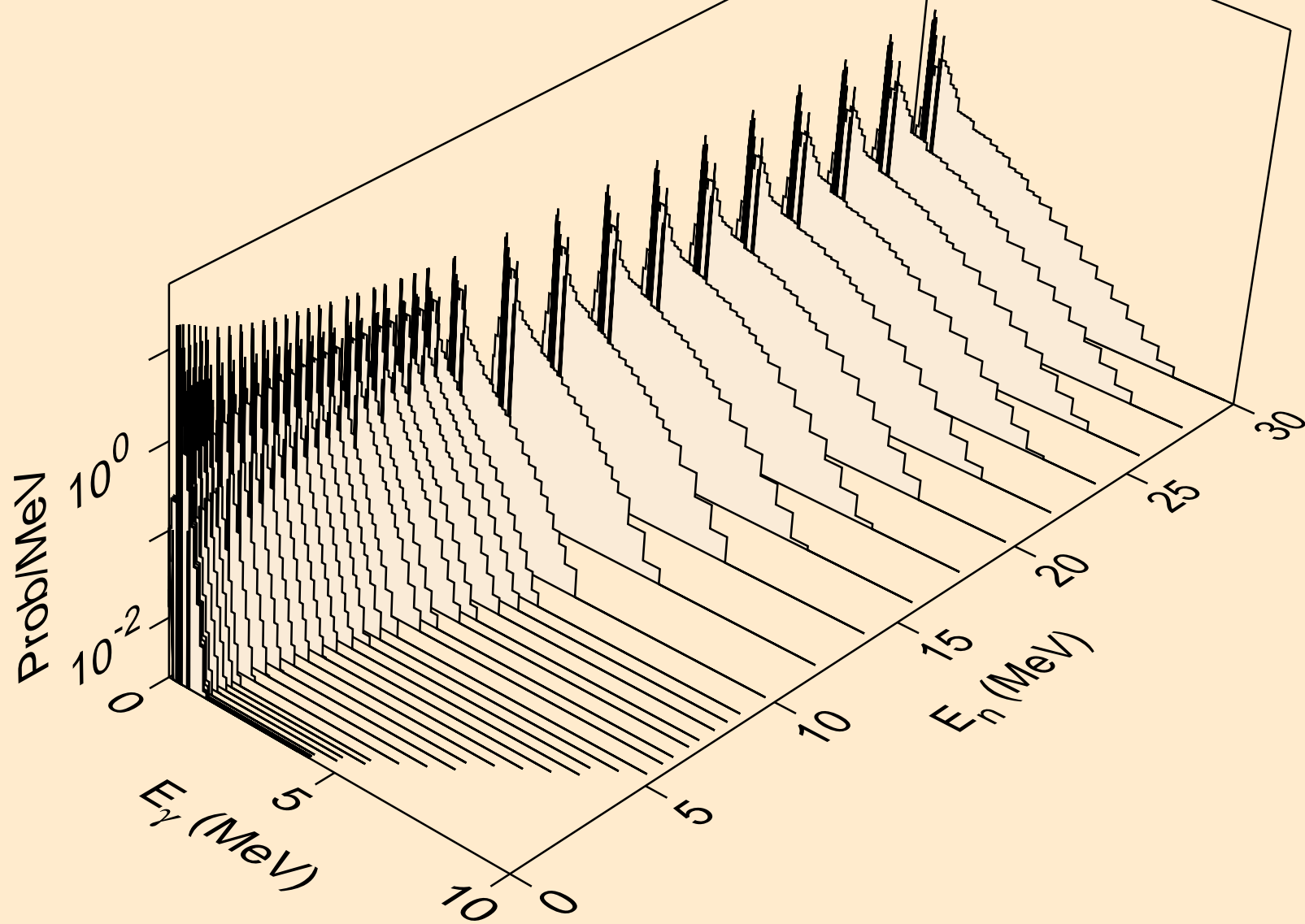
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)

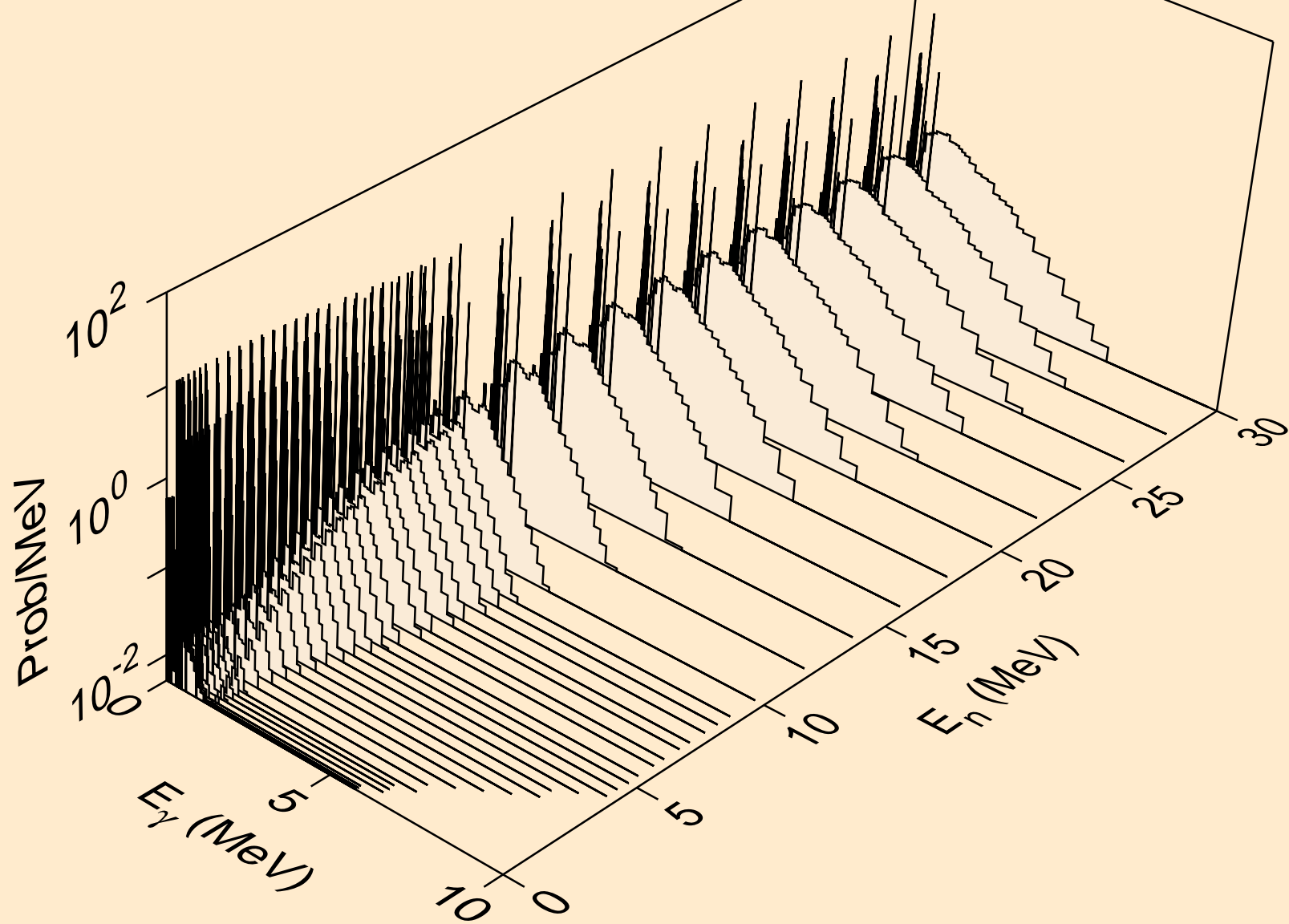


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Photon emission for (n,2p)

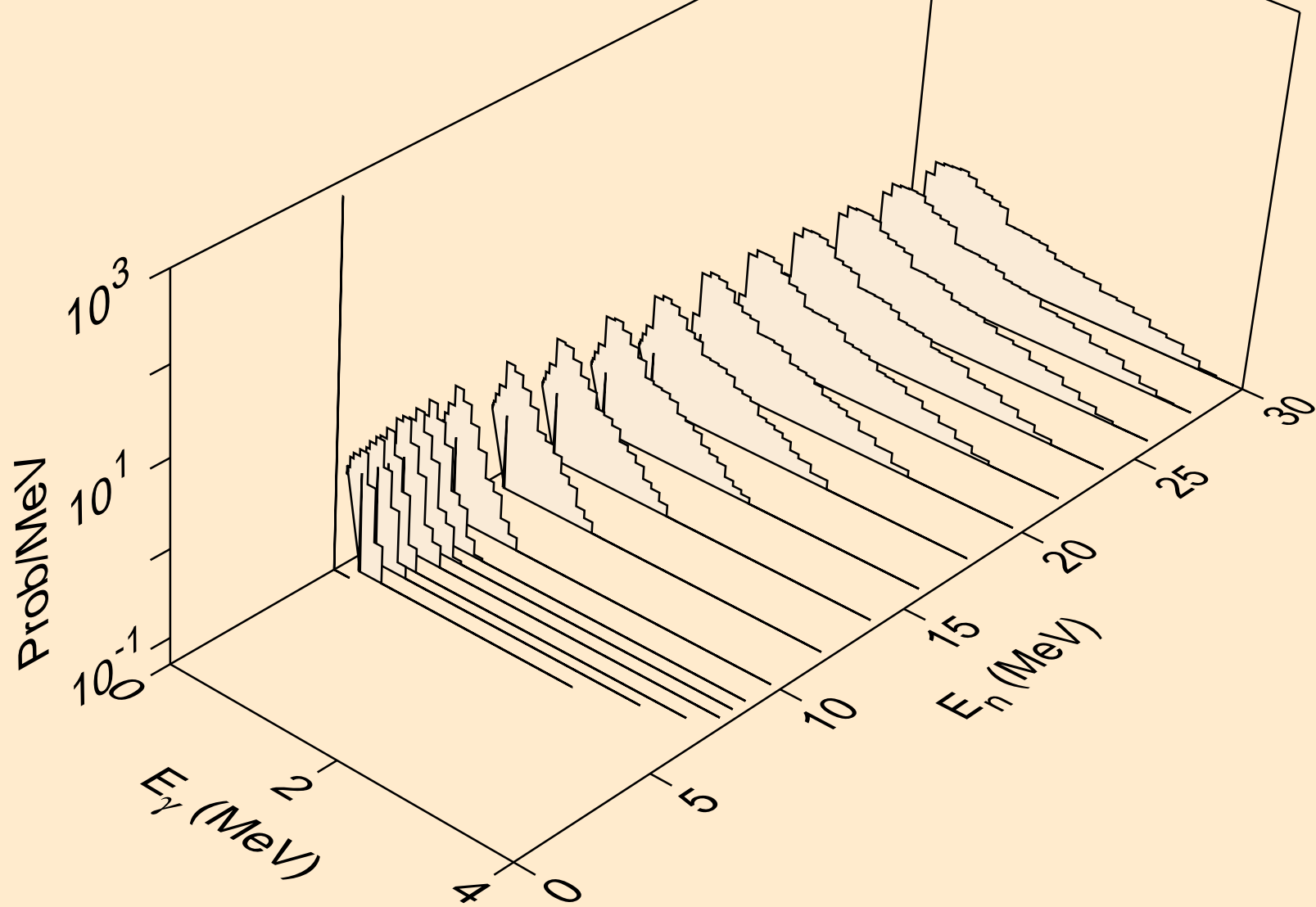




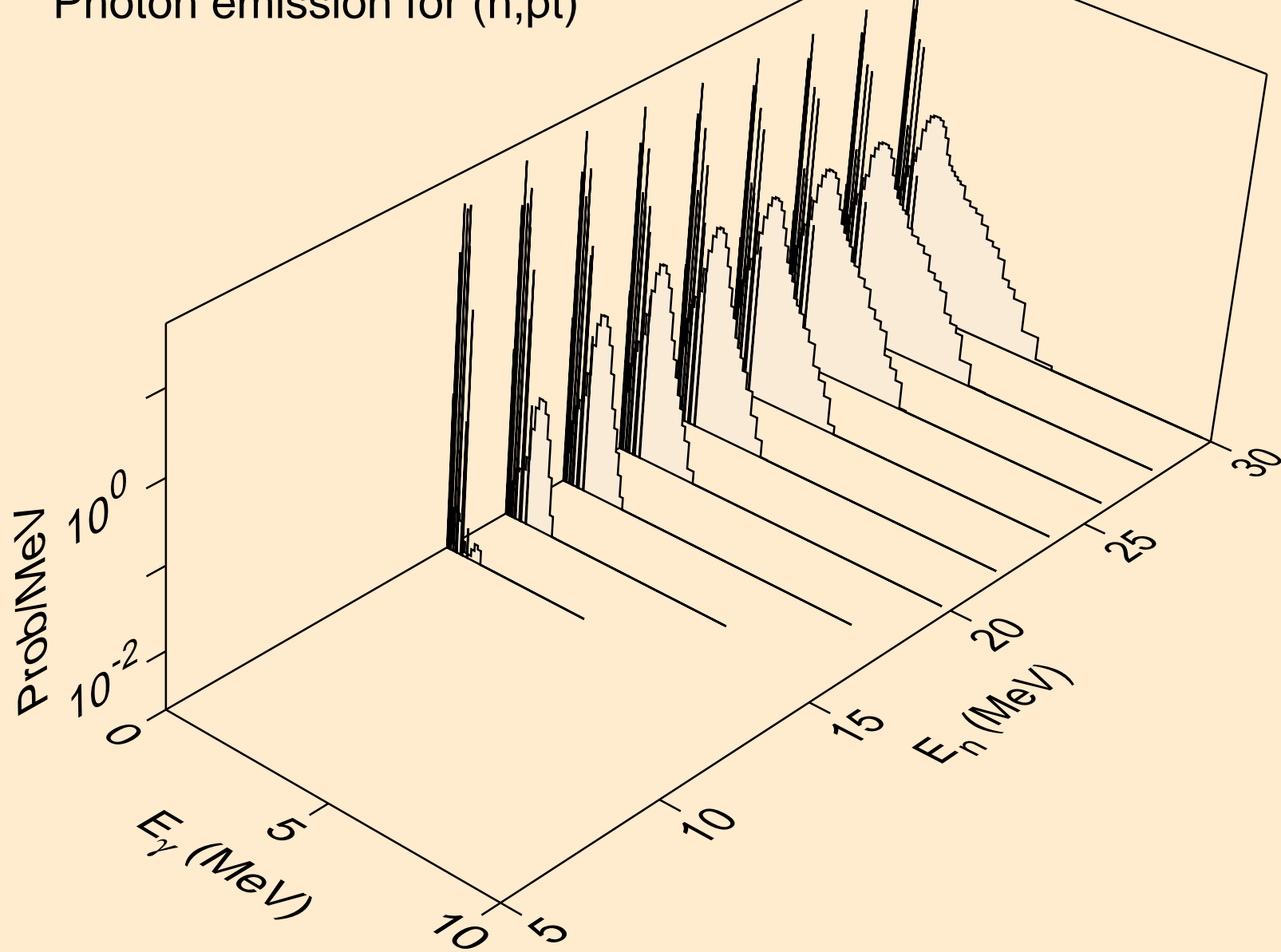
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Photon emission for (n,p)



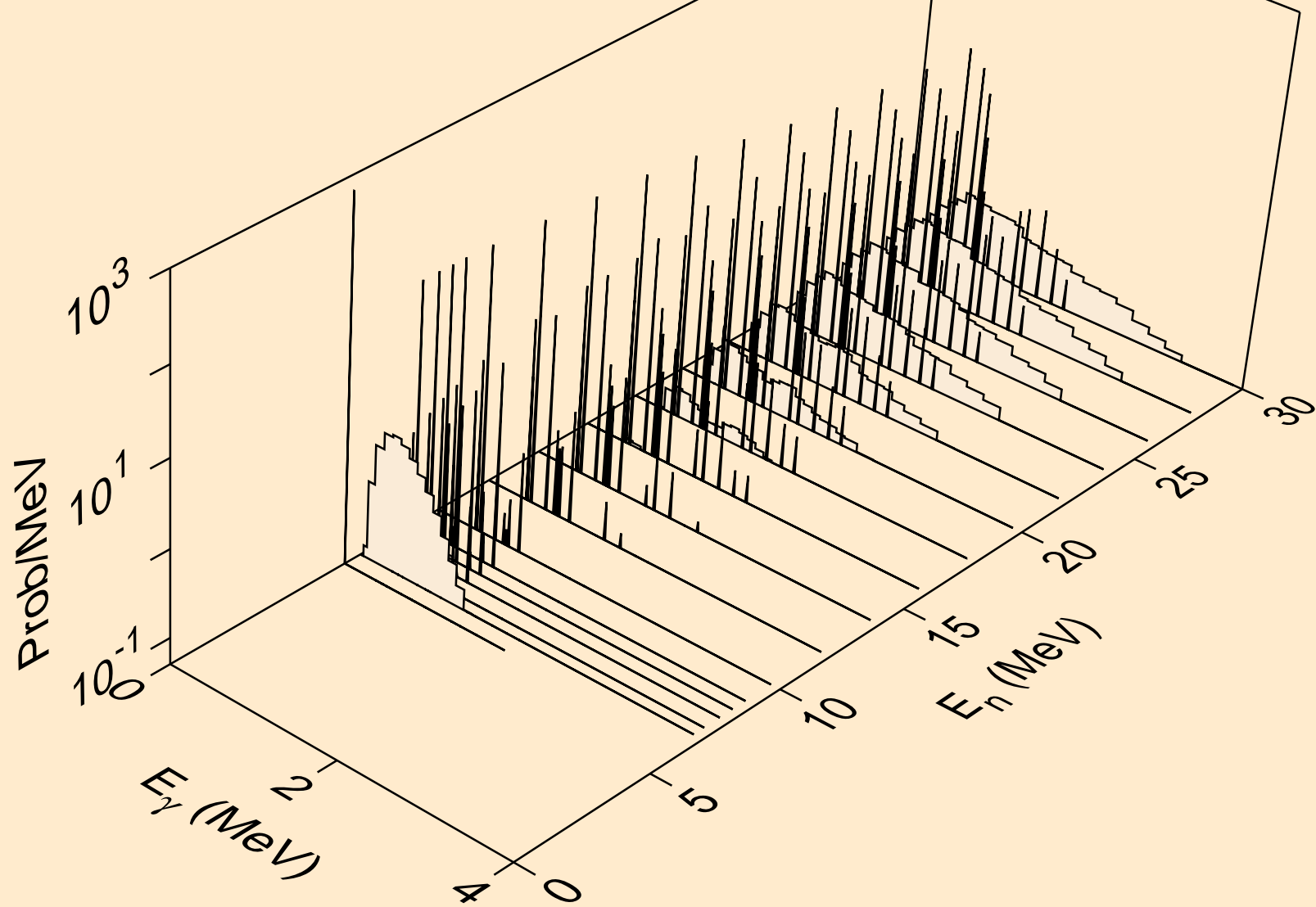
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



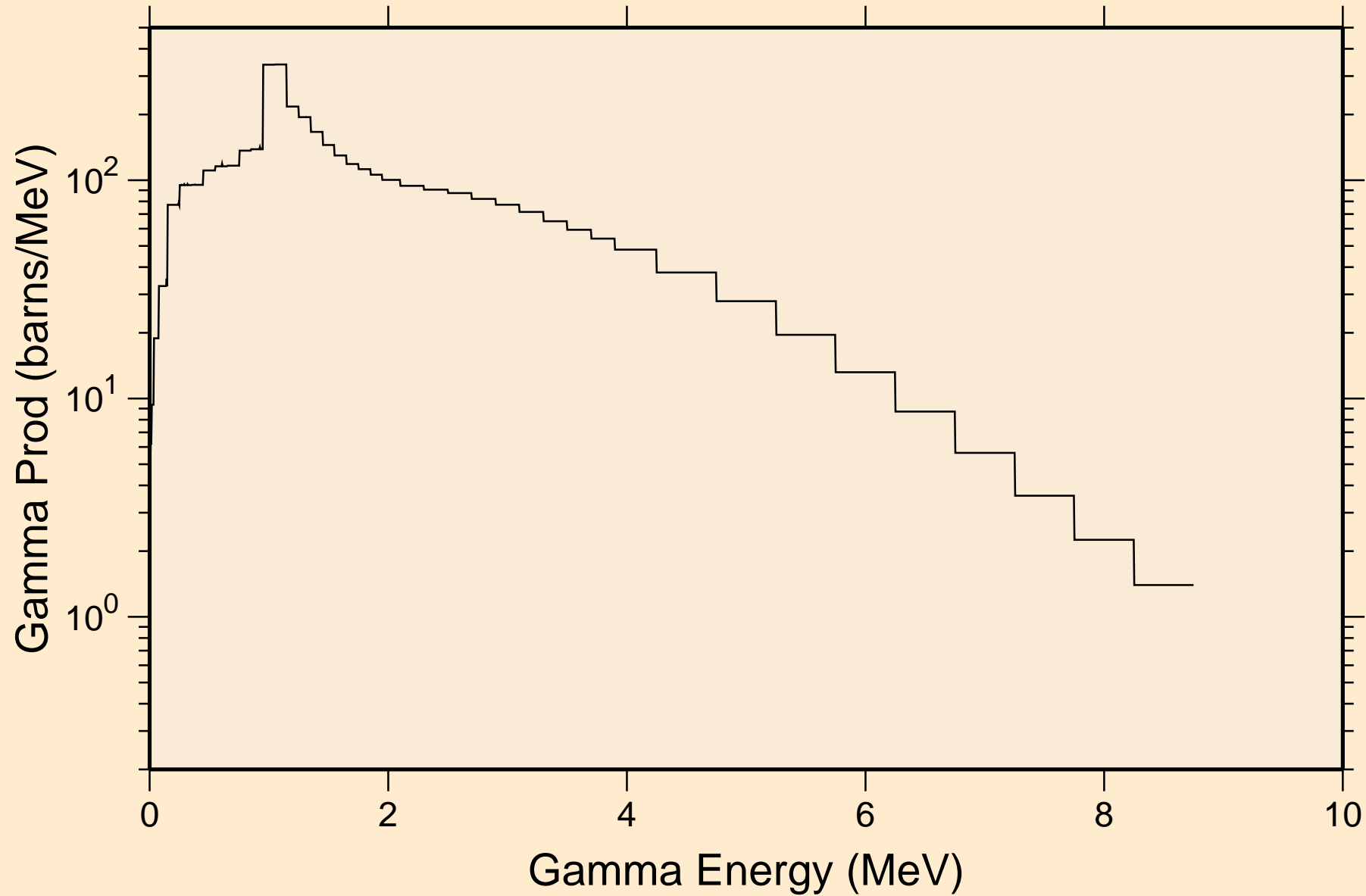
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Photon emission for (n,pt)



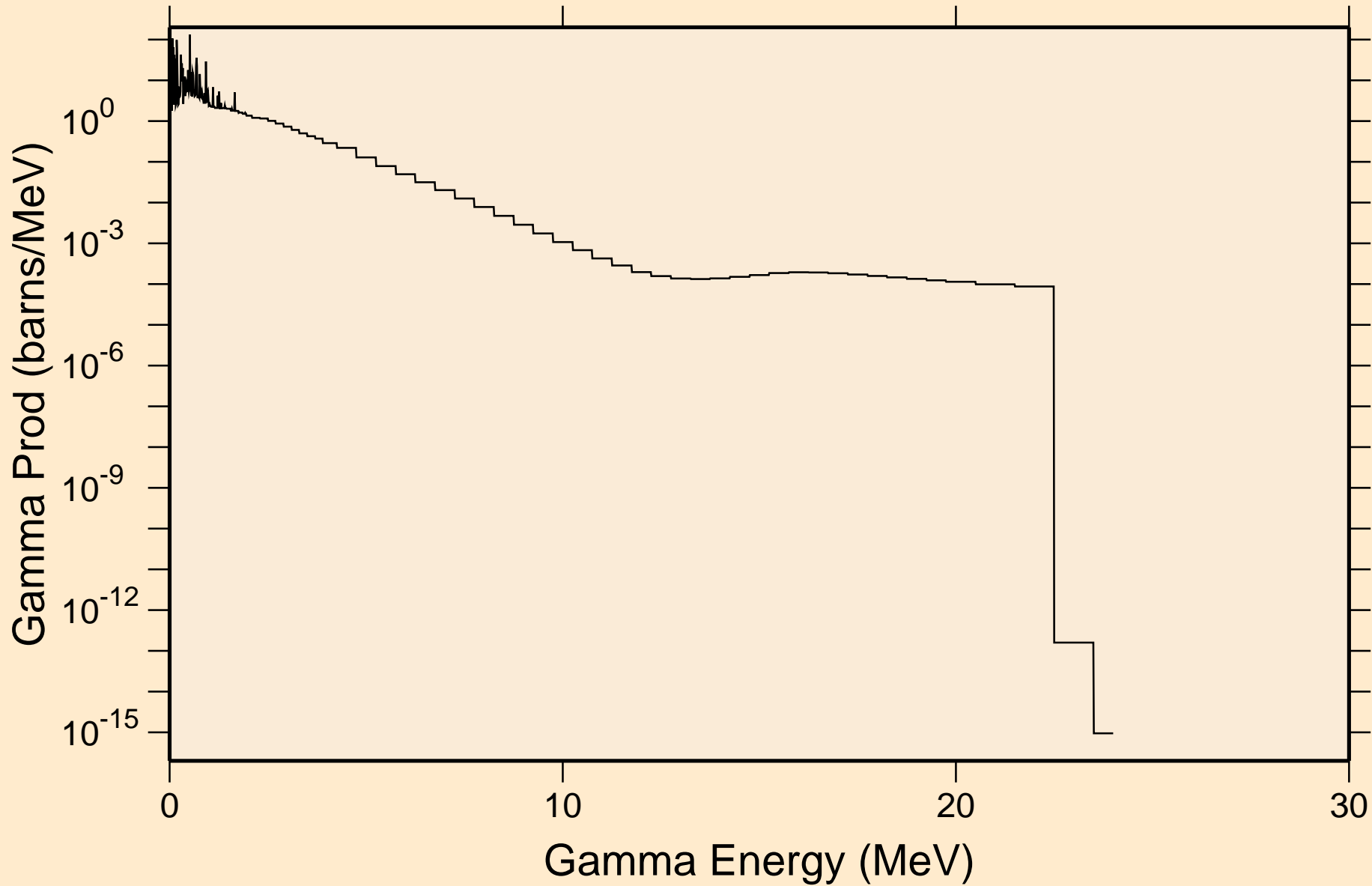
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

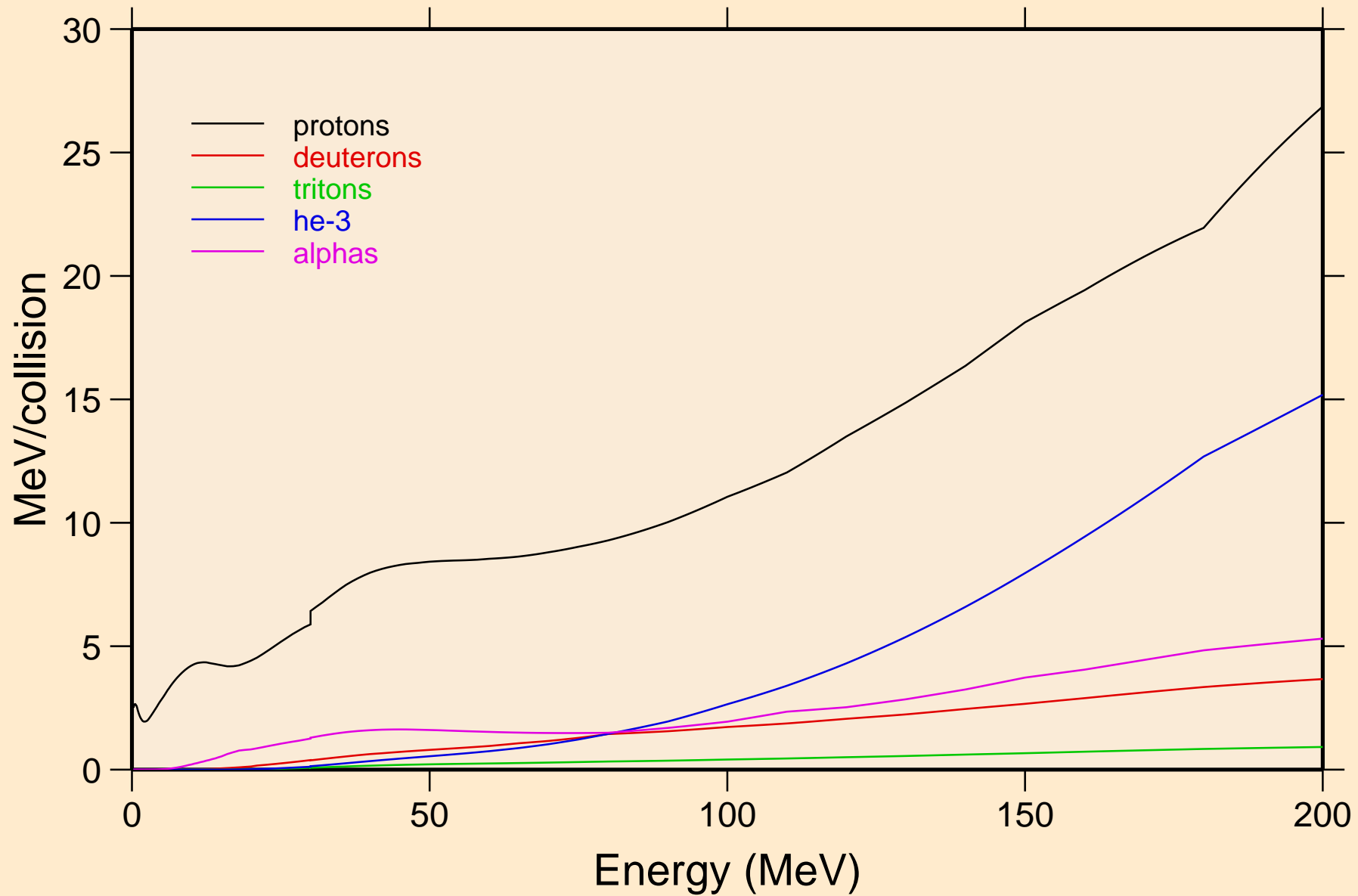


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

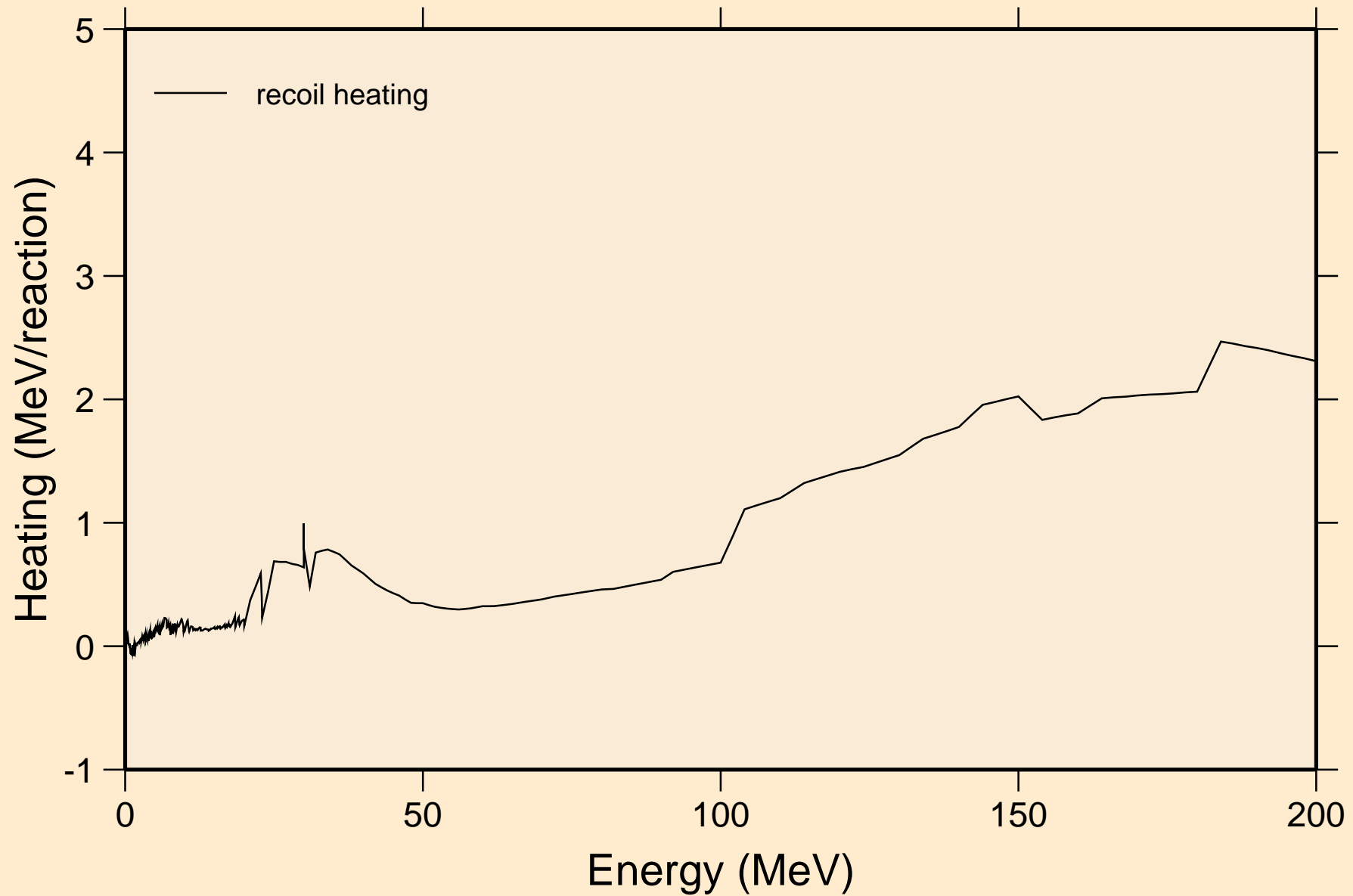


# HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

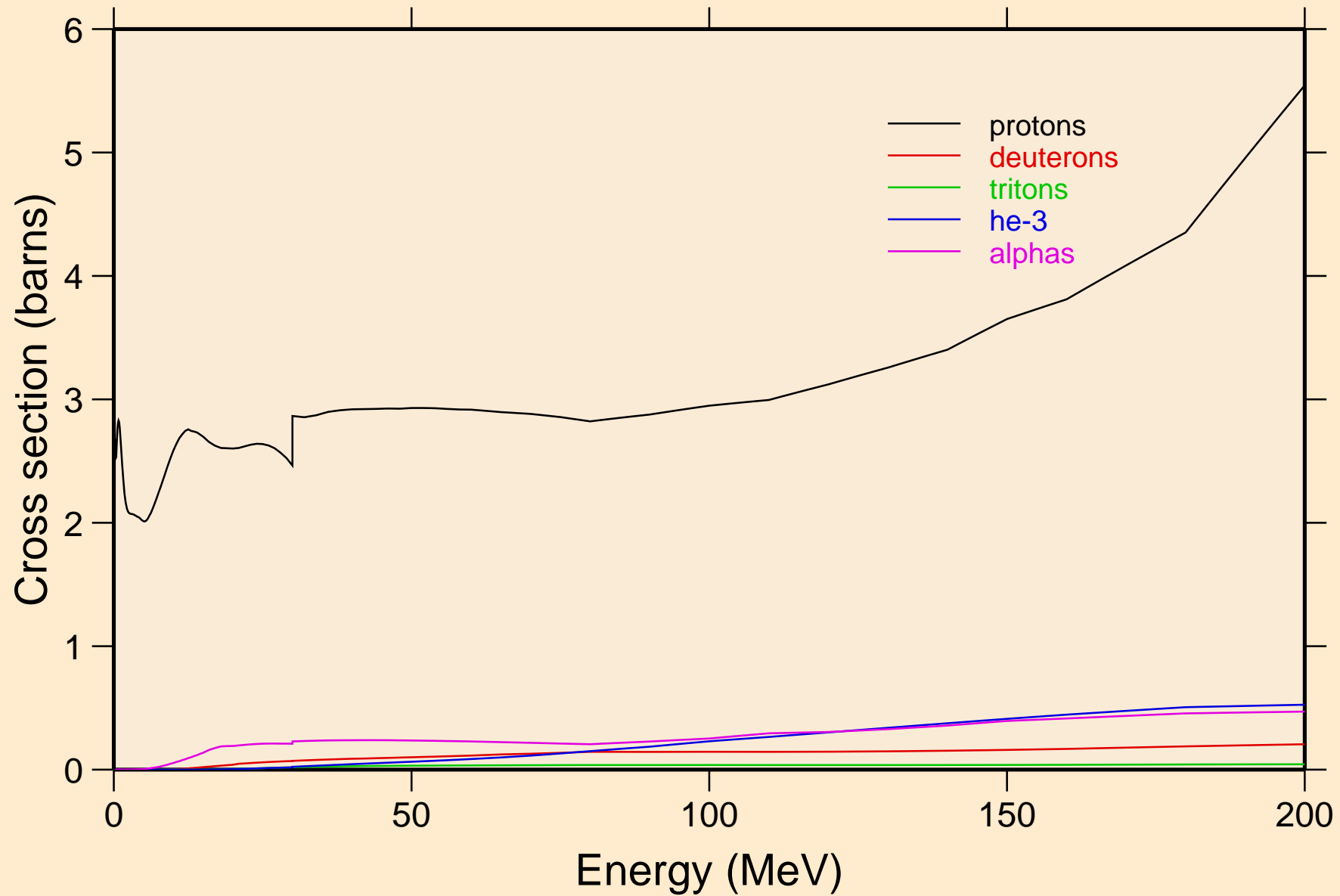


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Recoil Heating

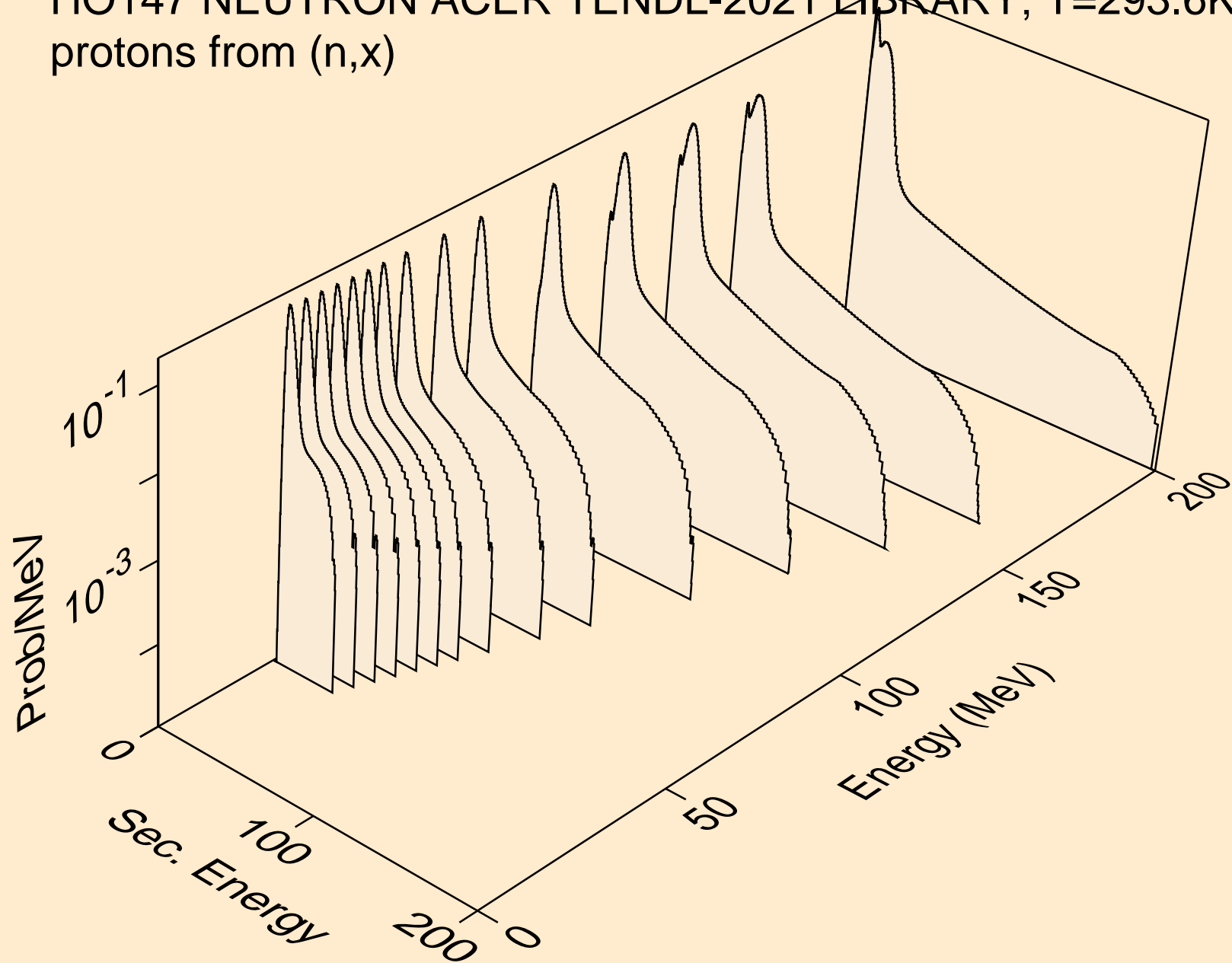




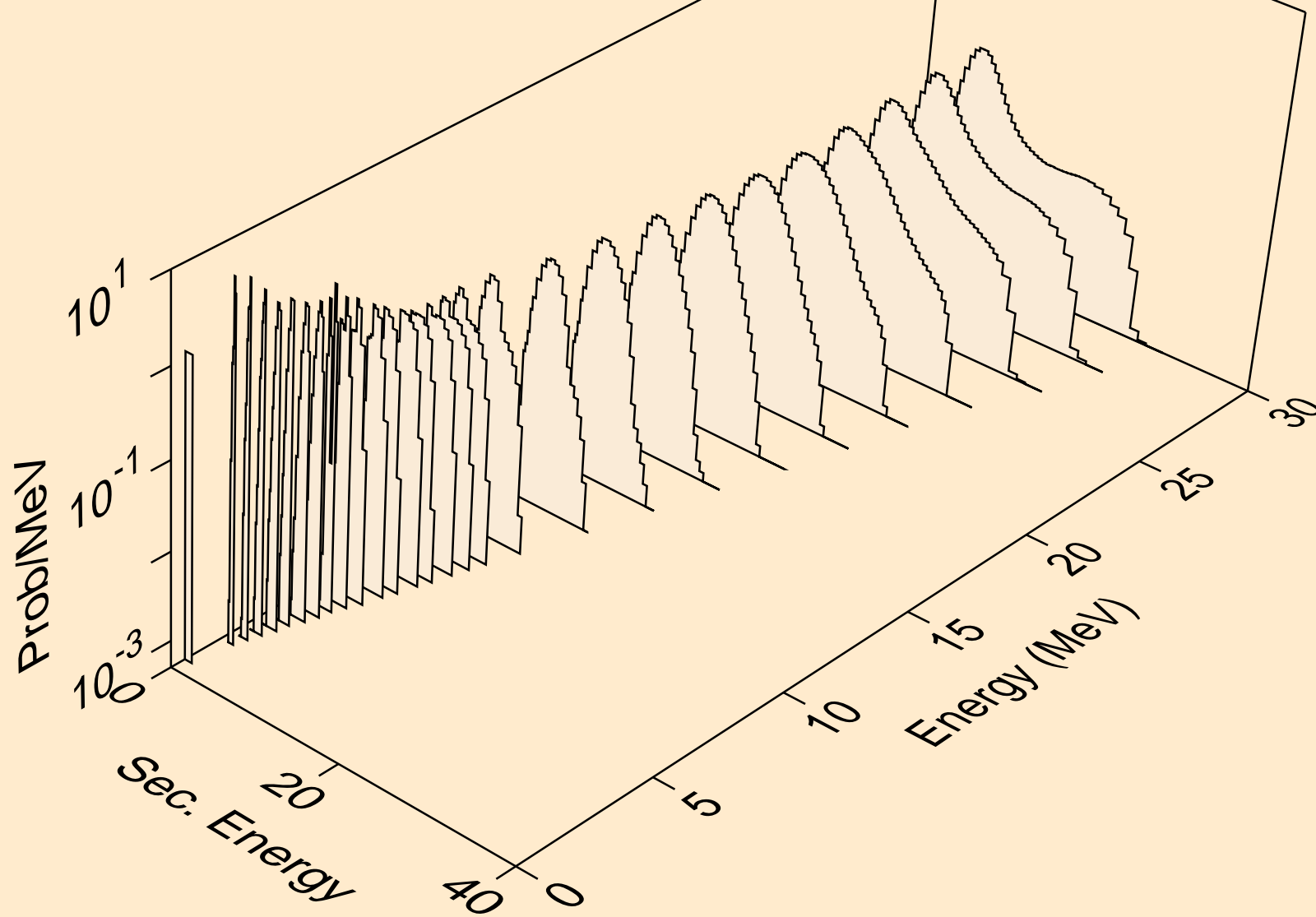
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Particle production cross sections



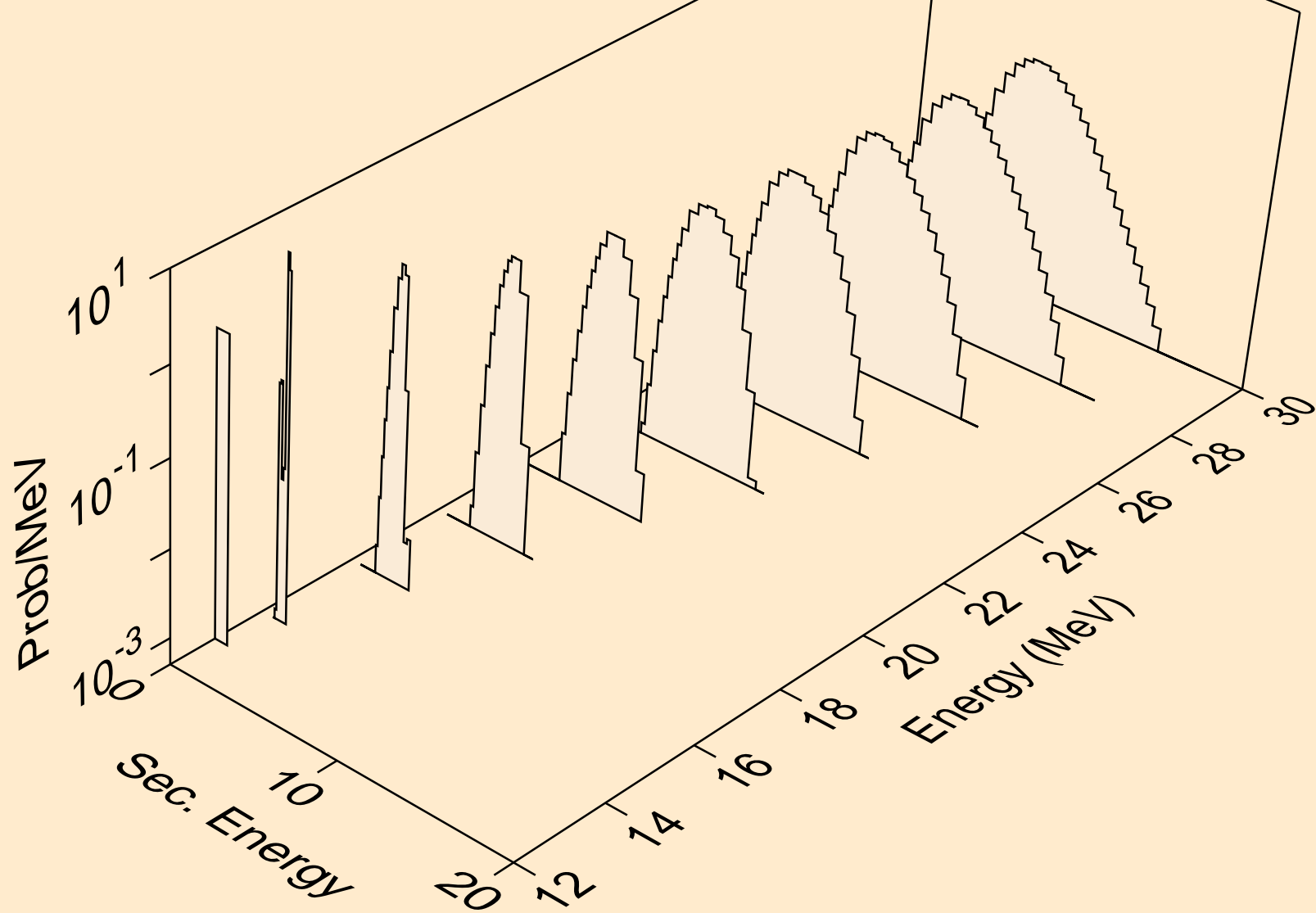
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protons from (n,x)



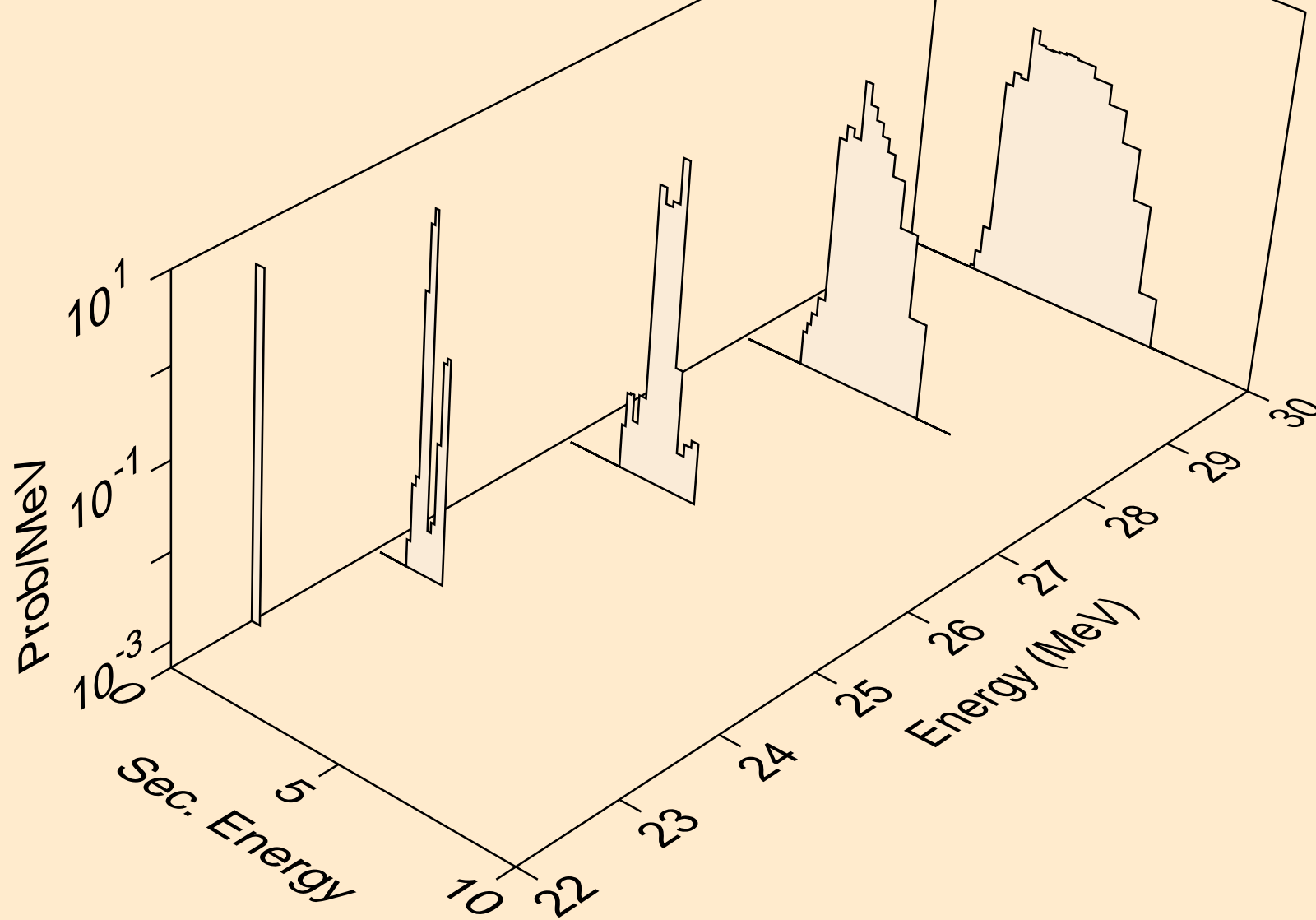
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protons from (n,n\*)p



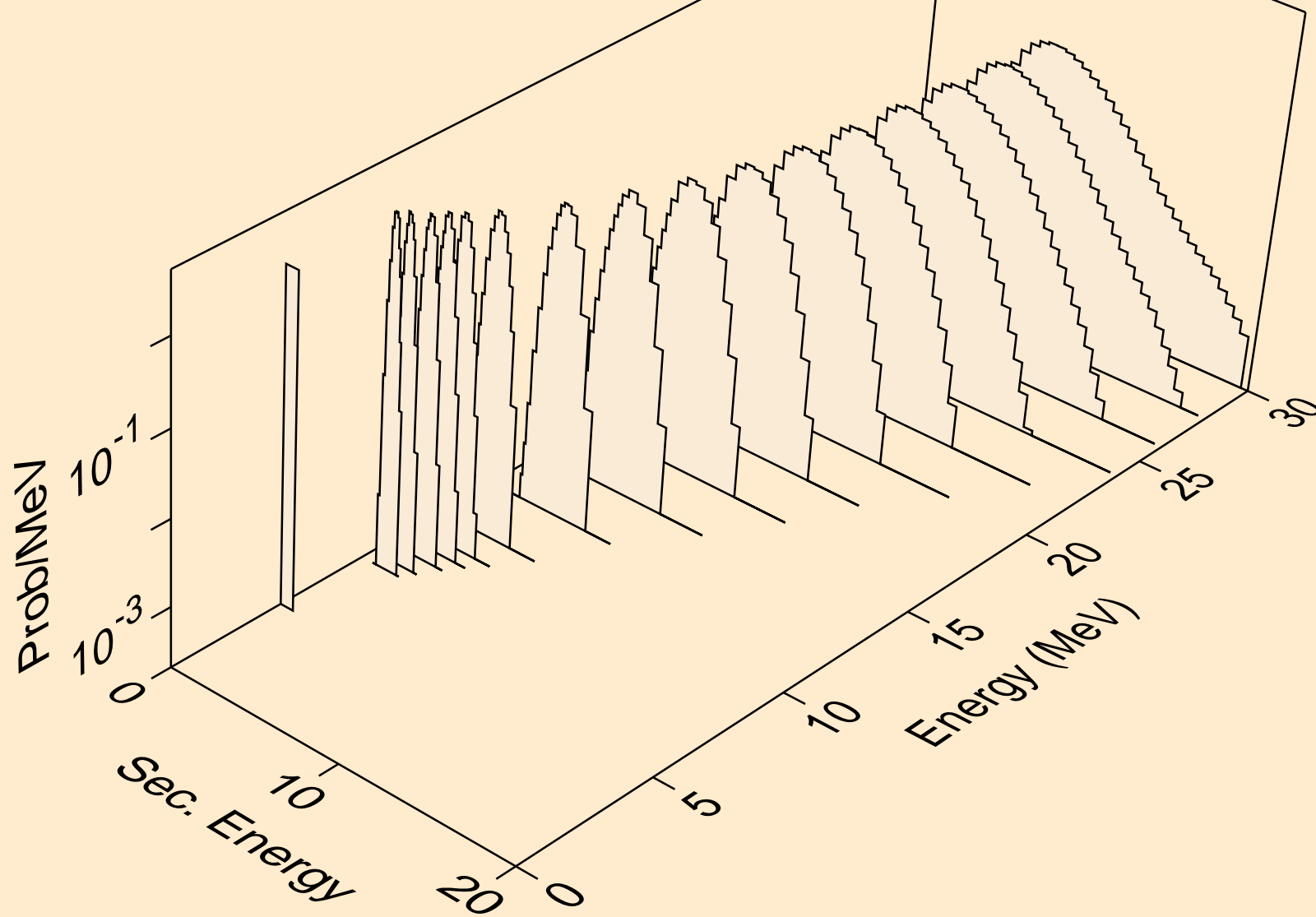
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protons from (n,2np)



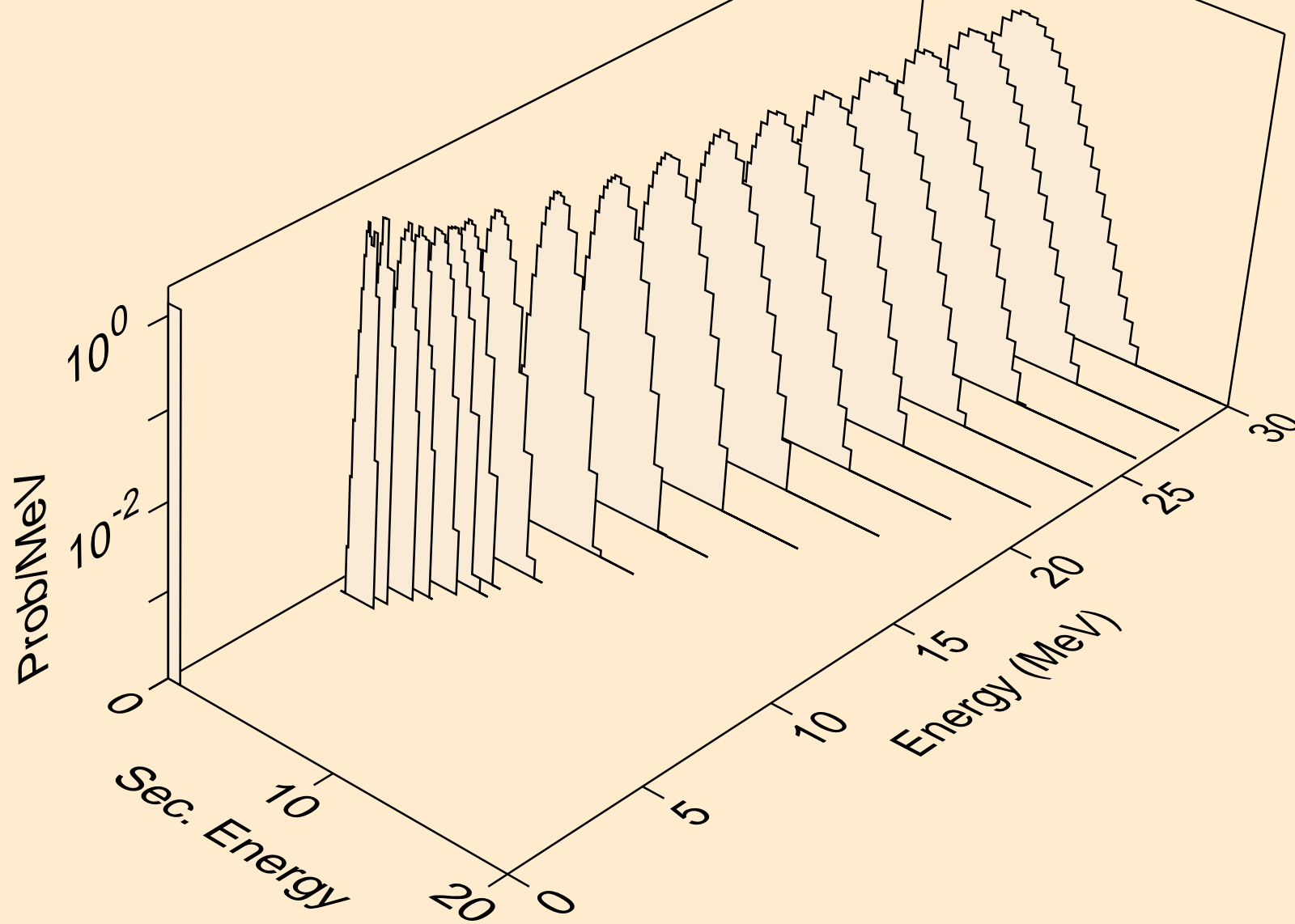
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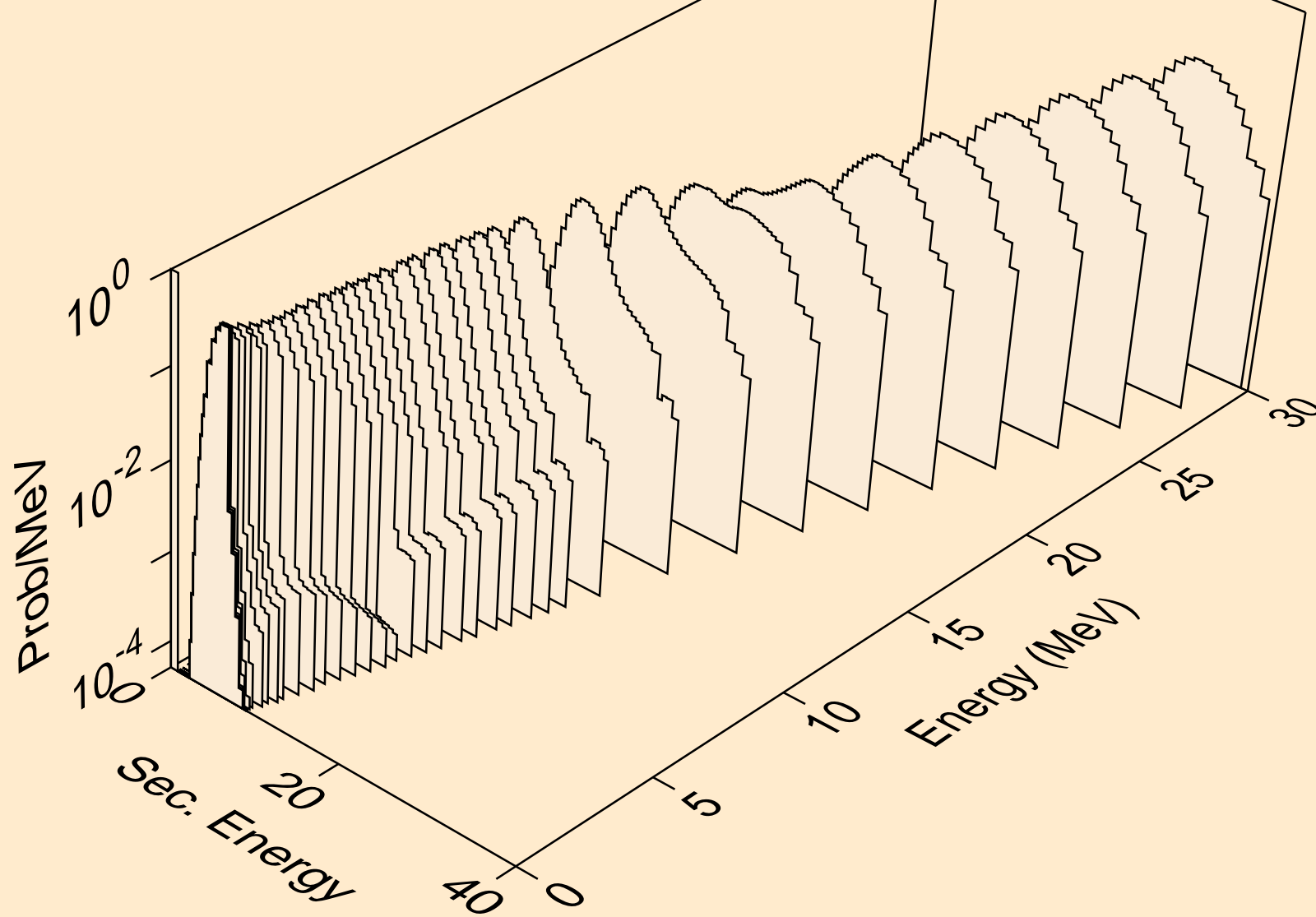
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HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

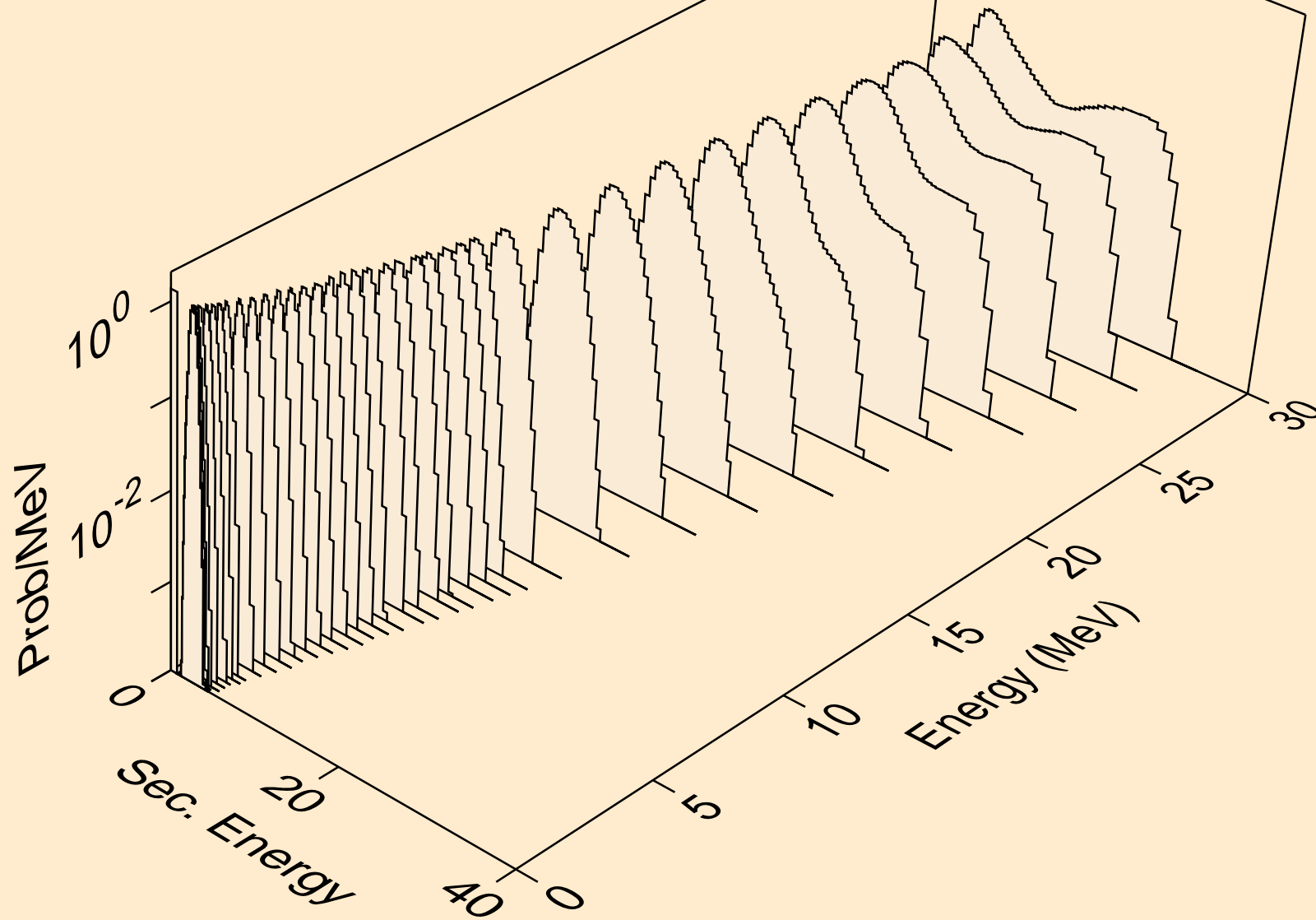


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protons from (n,p)

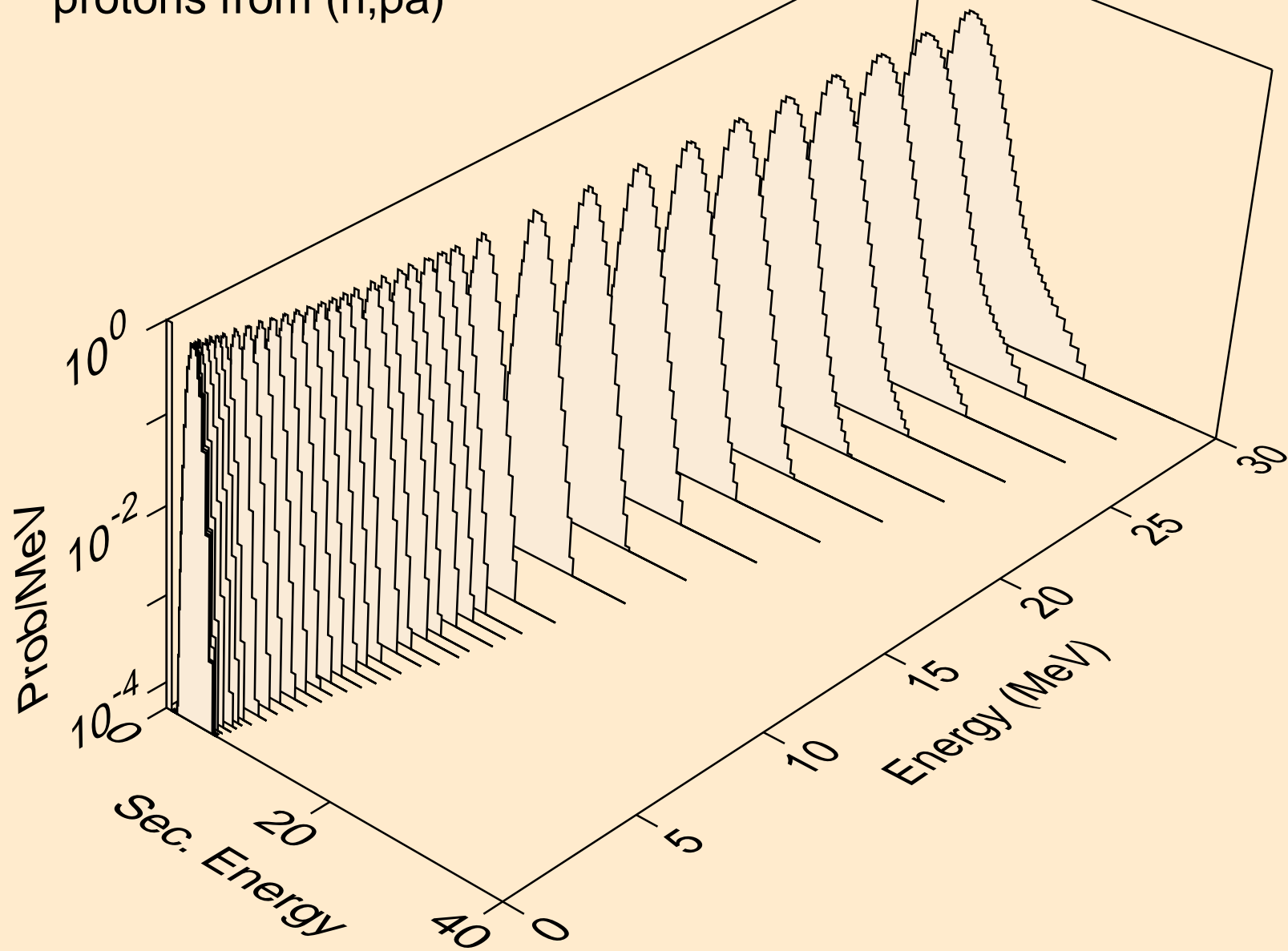




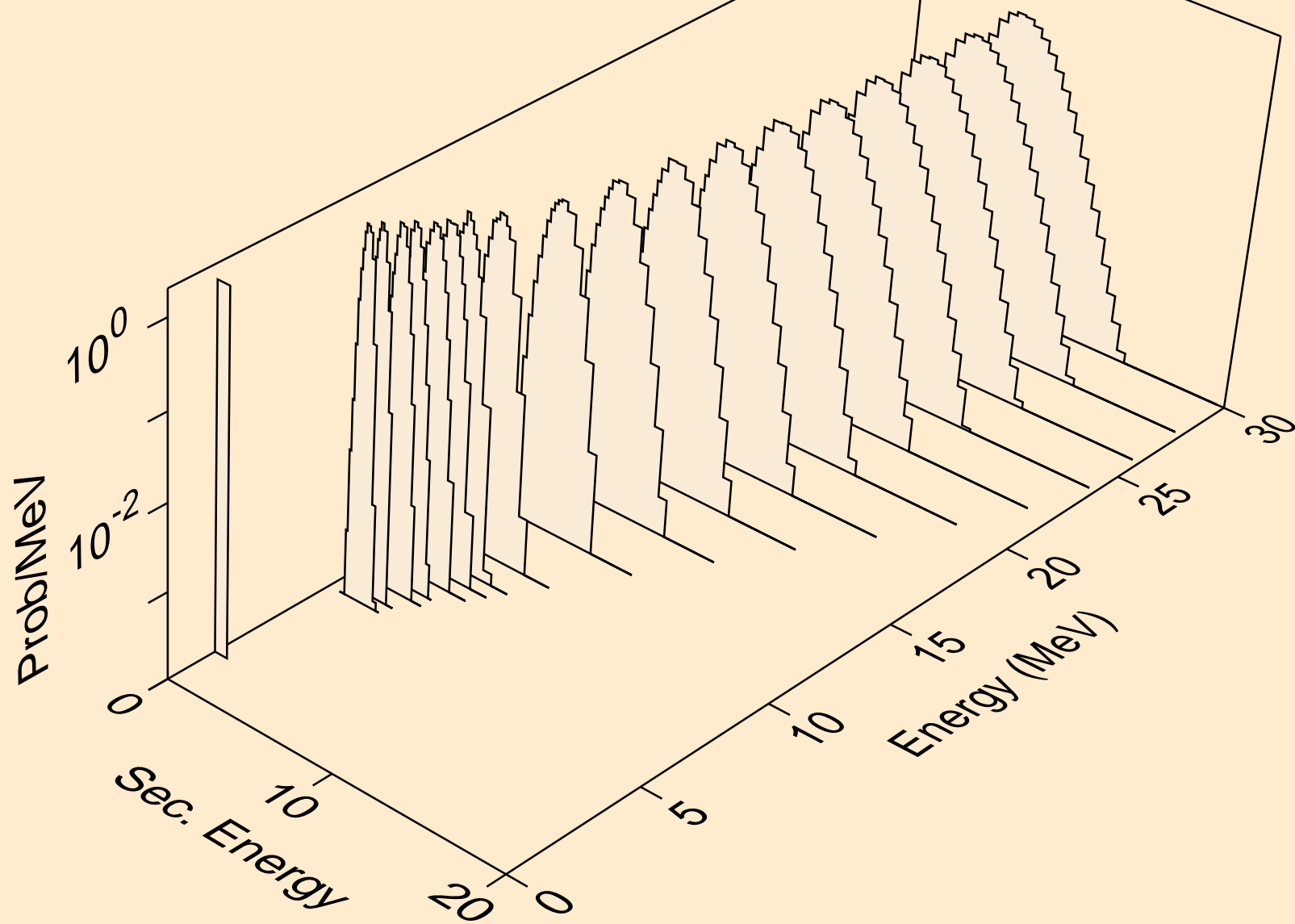
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protons from (n,2p)



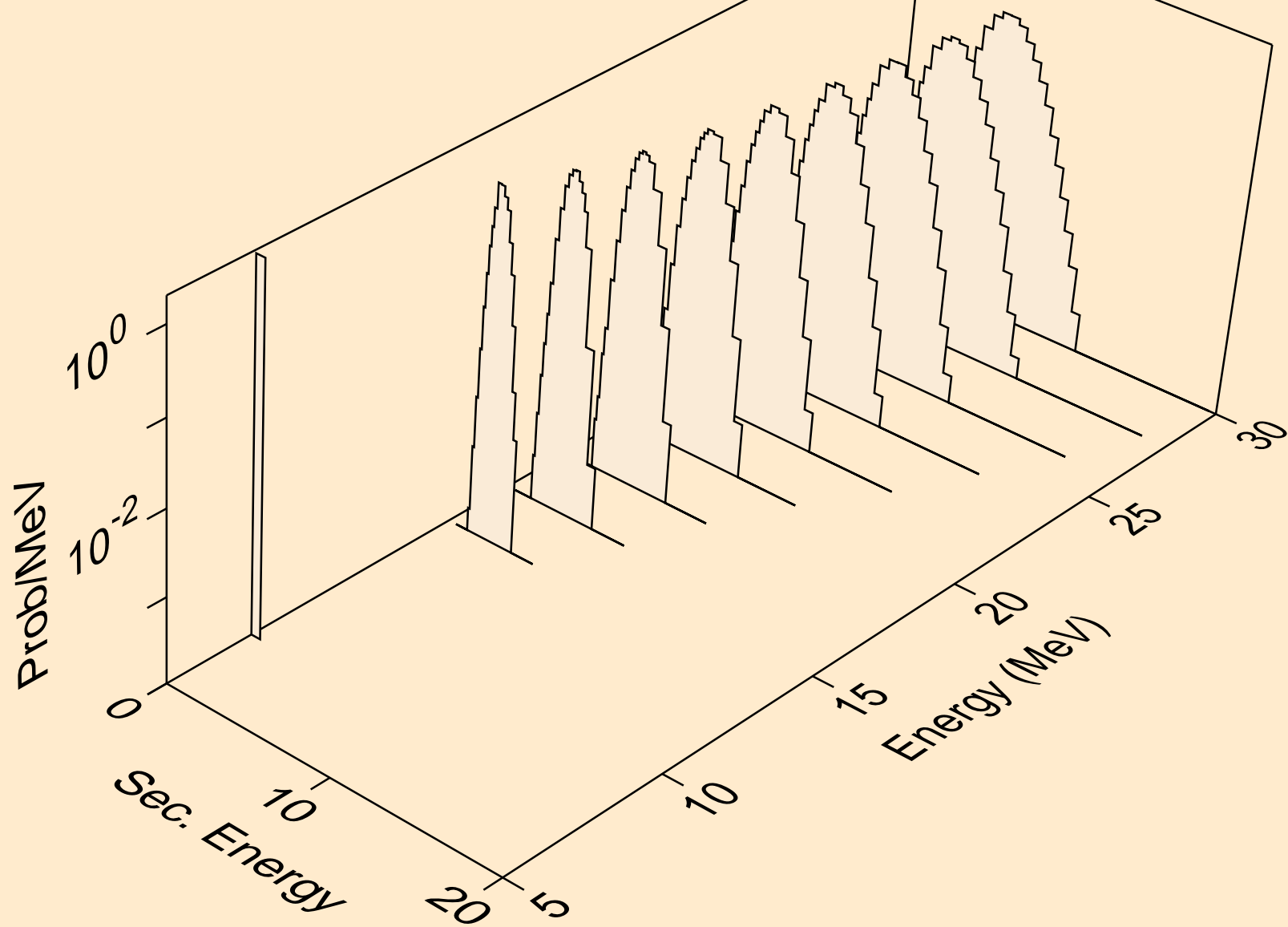
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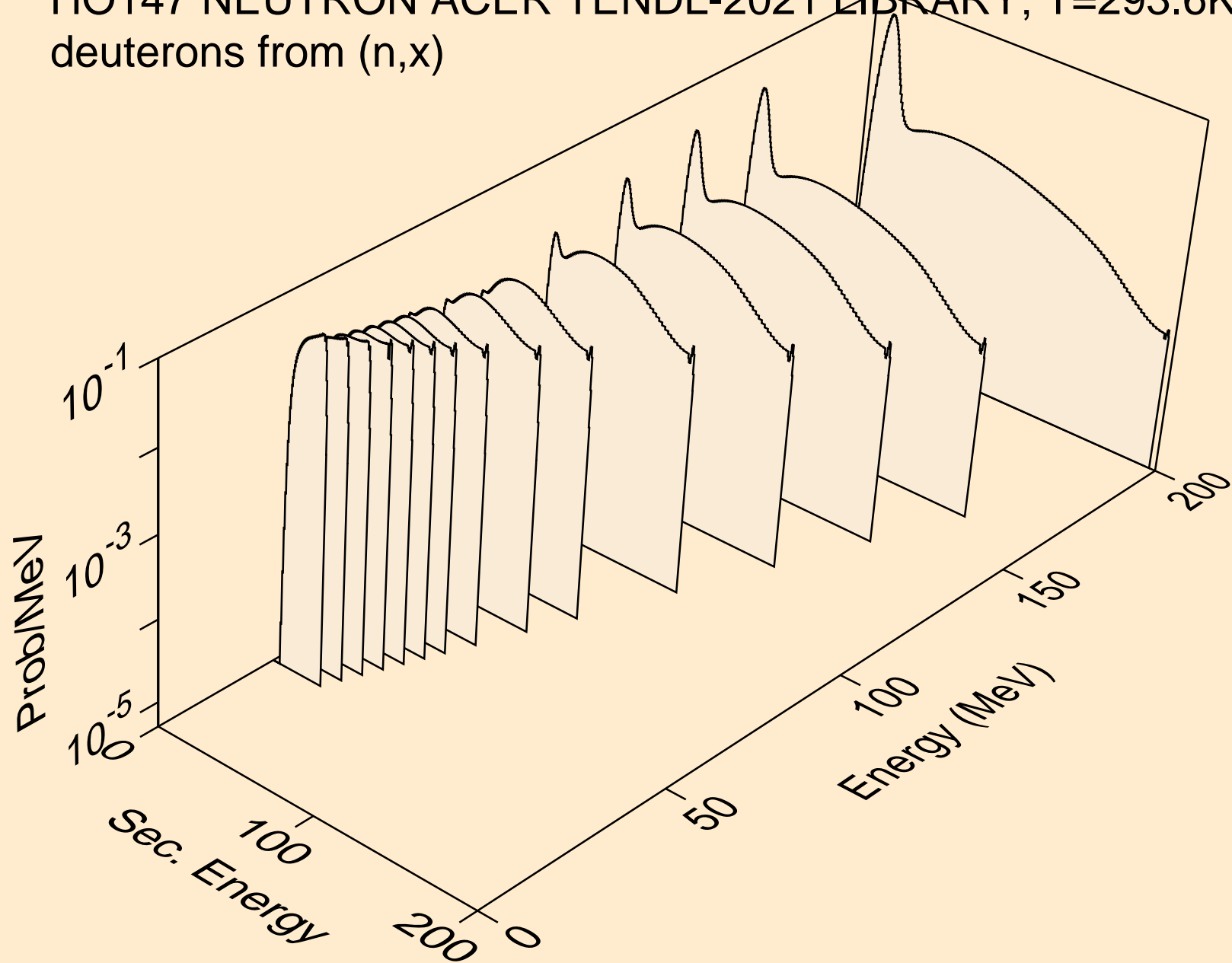
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protons from (n,pd)



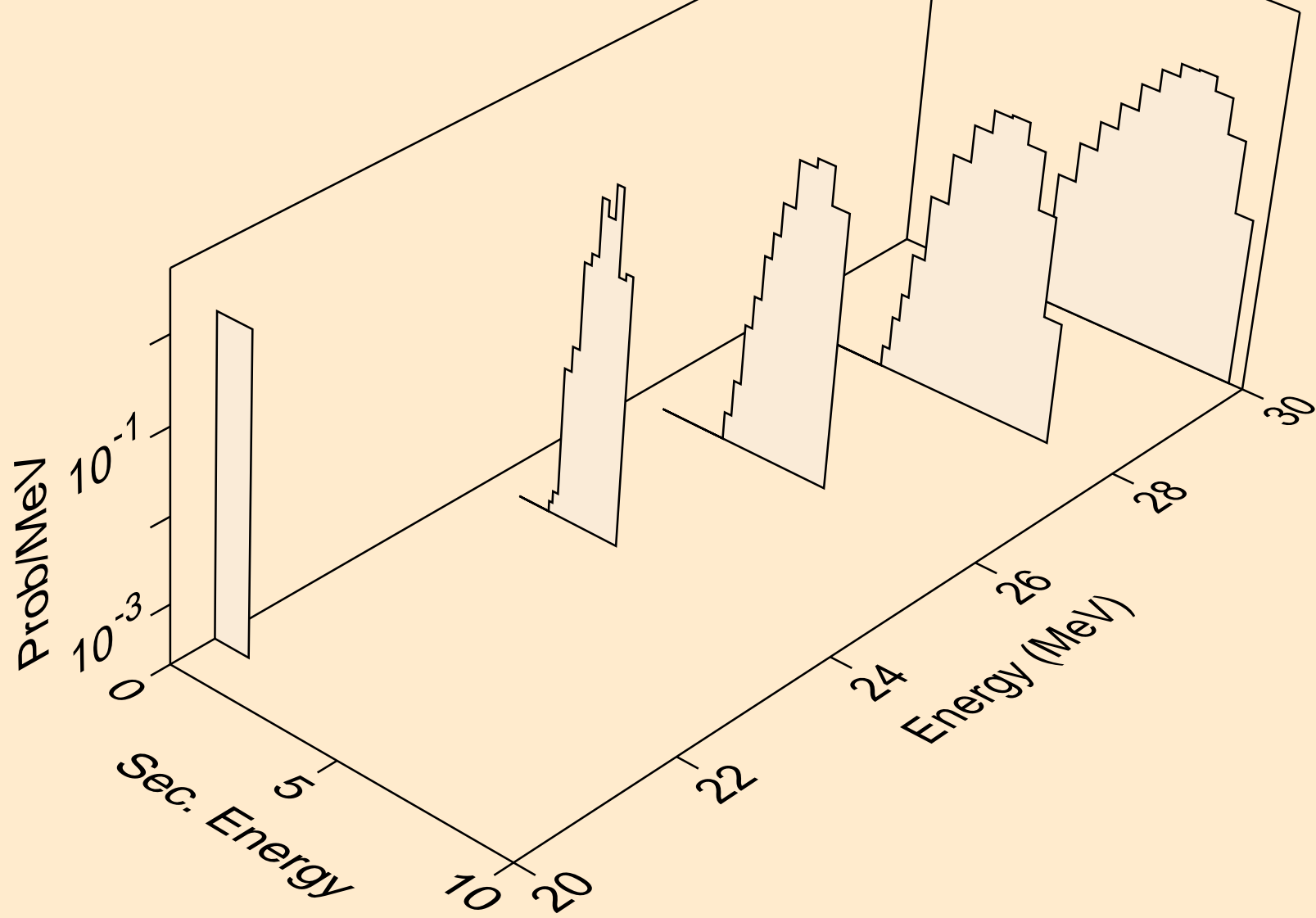
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protons from (n,pt)



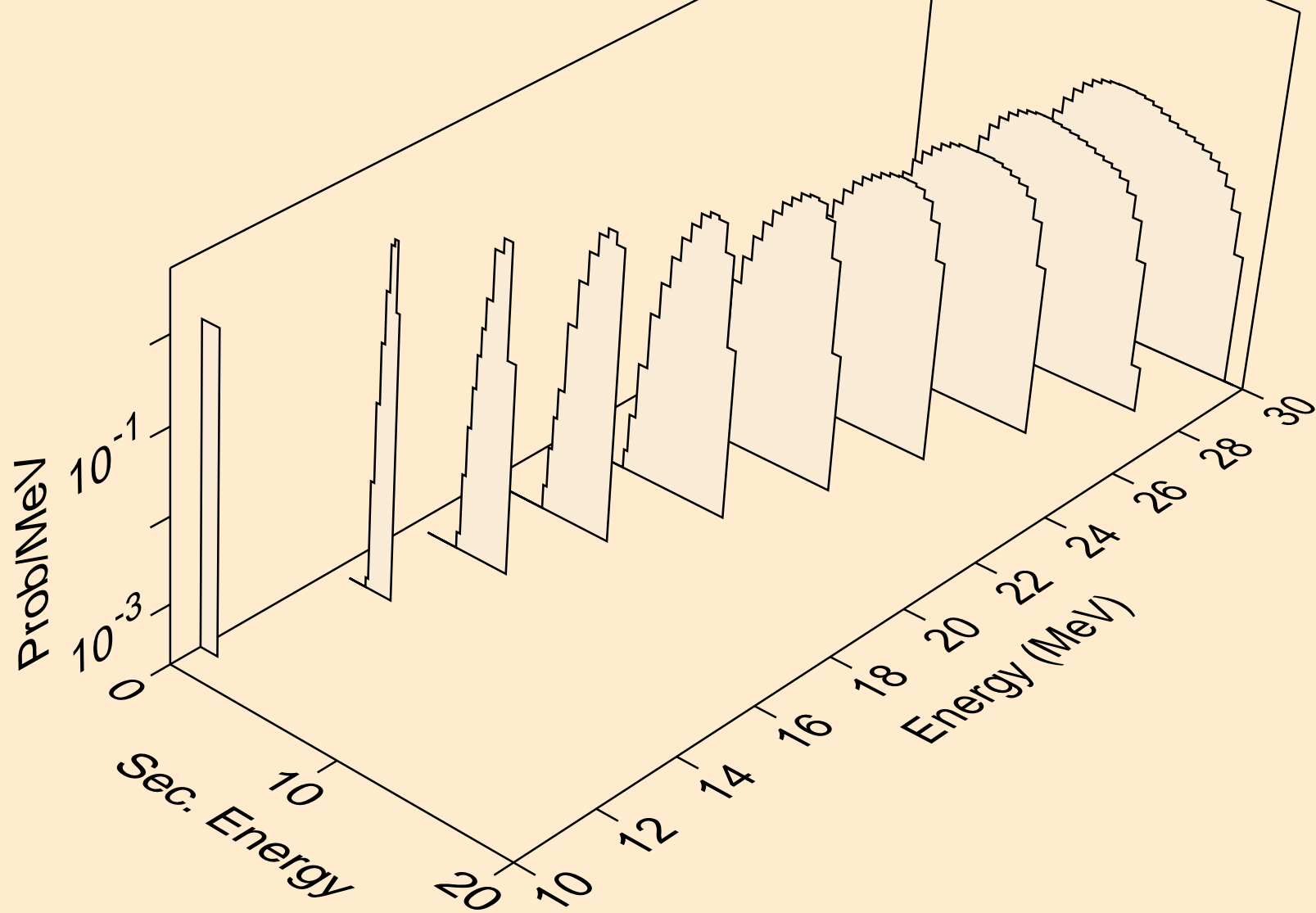
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deuterons from (n,x)



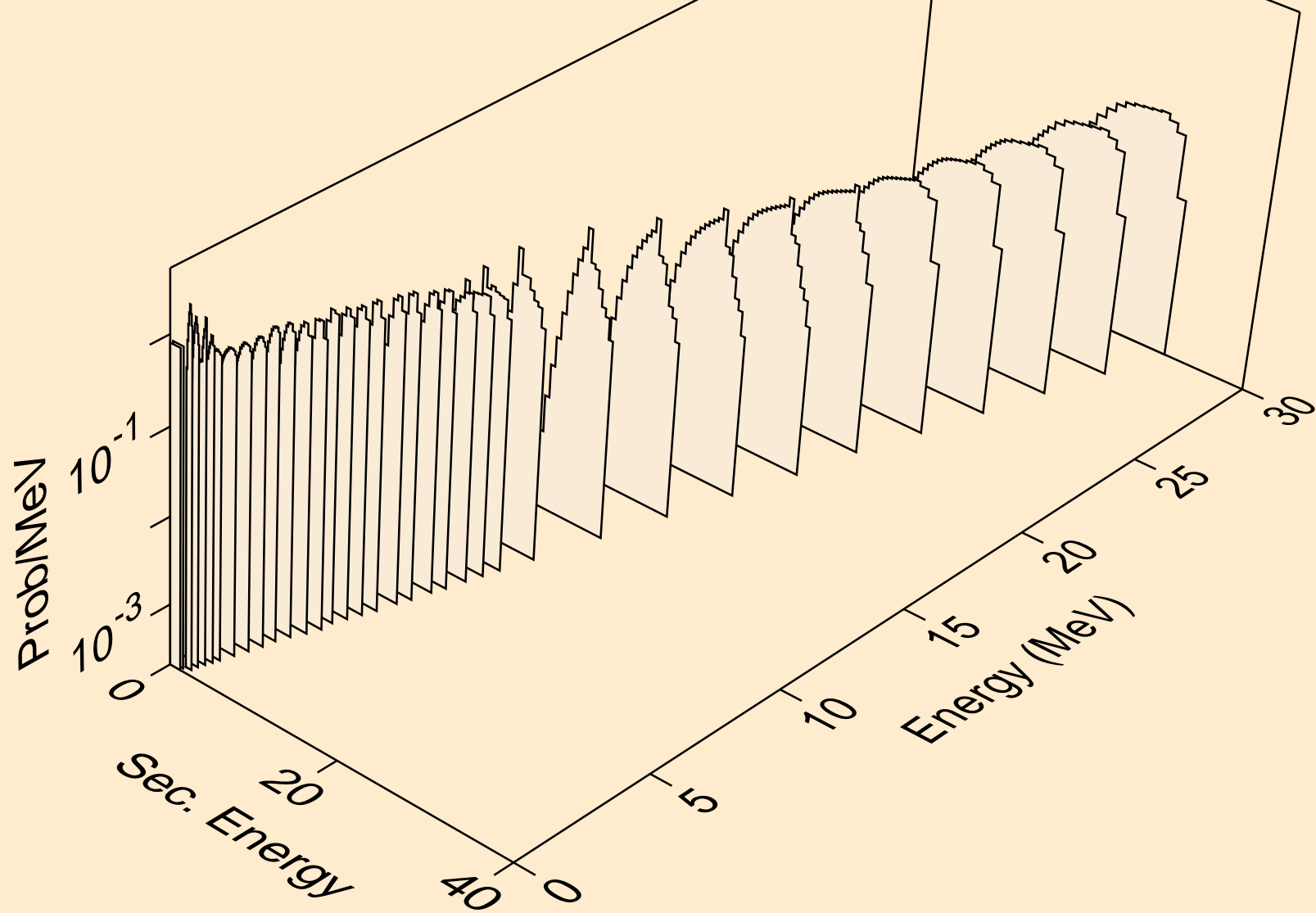
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deuterons from (n,2nd)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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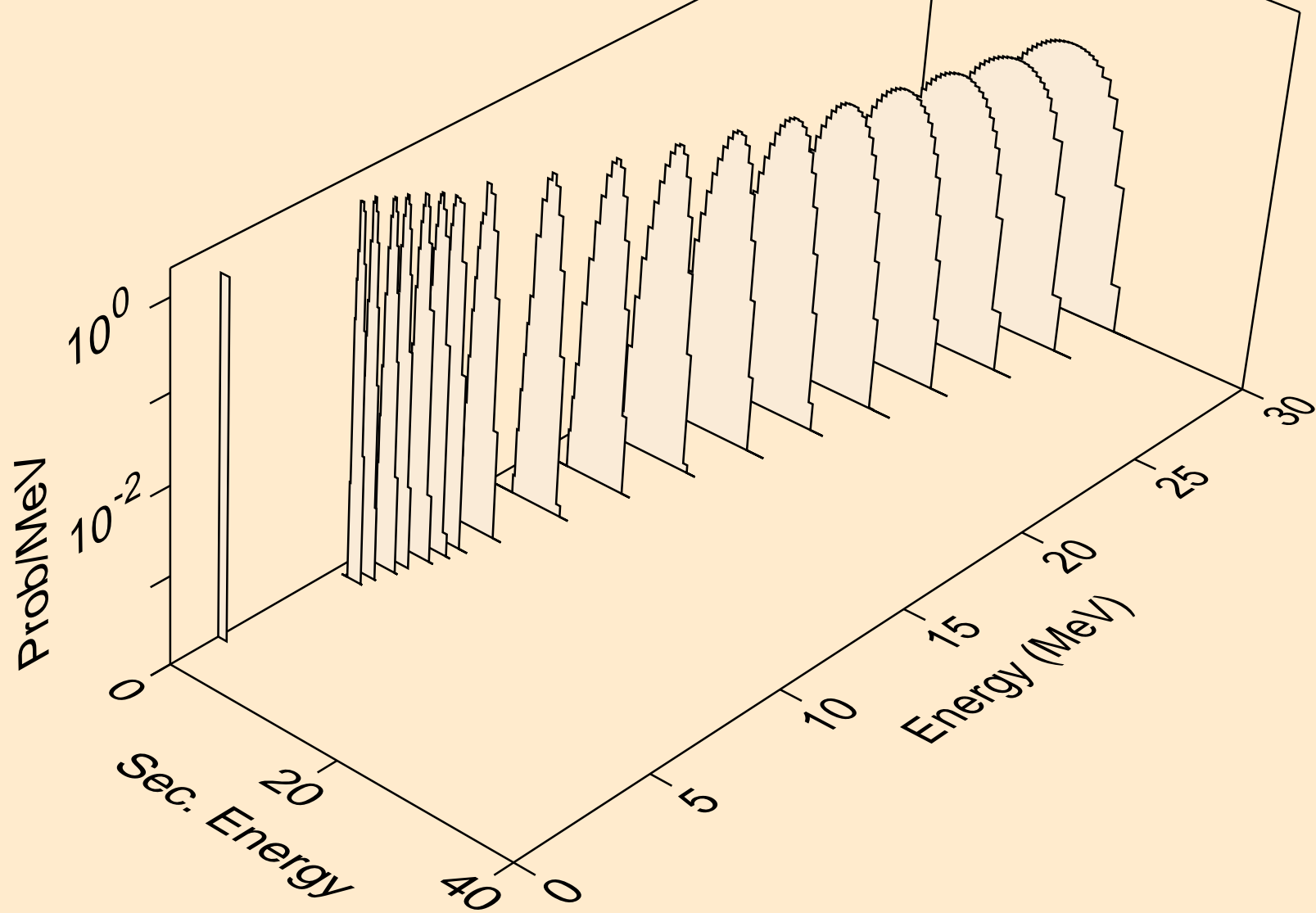


HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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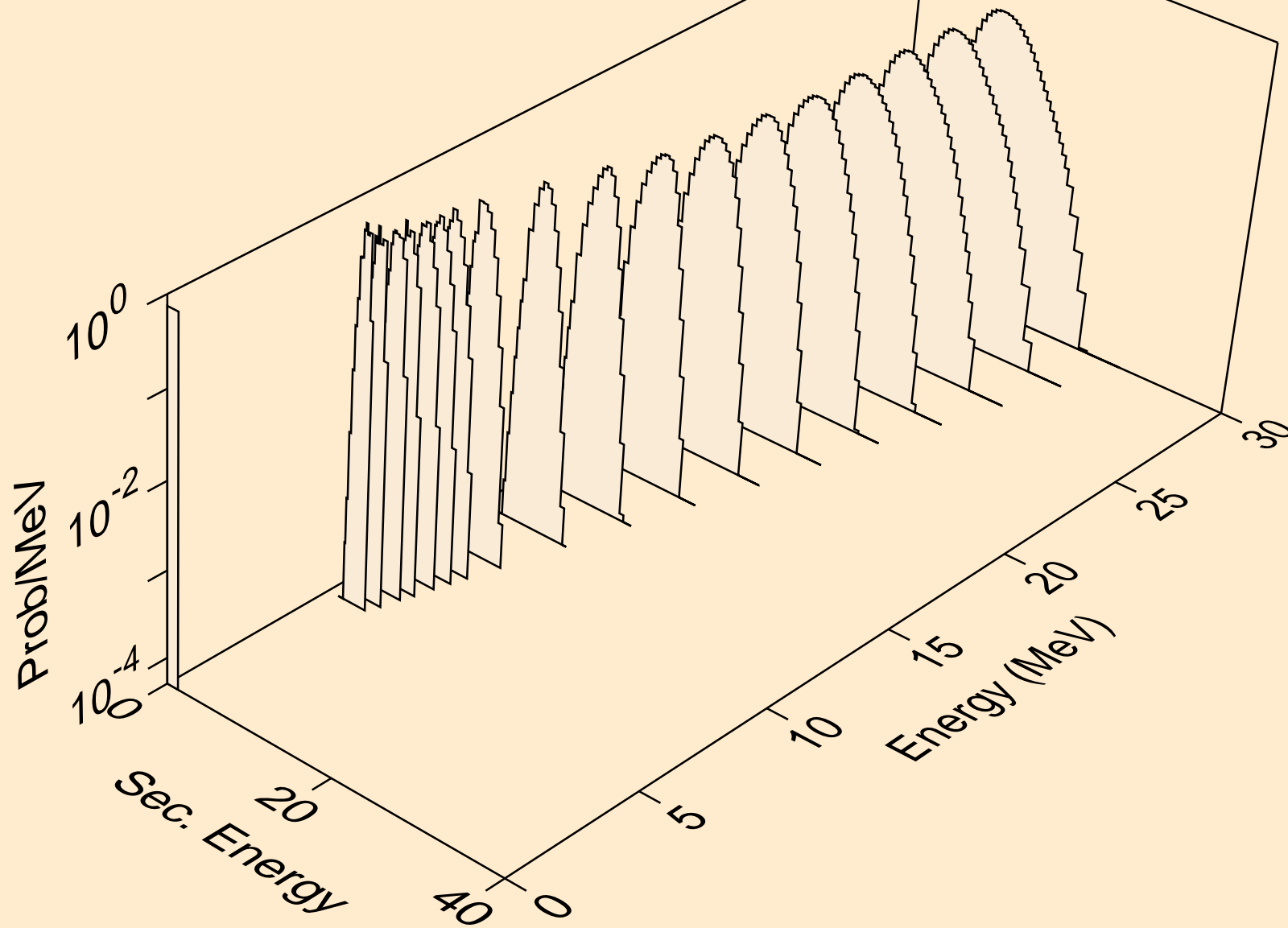




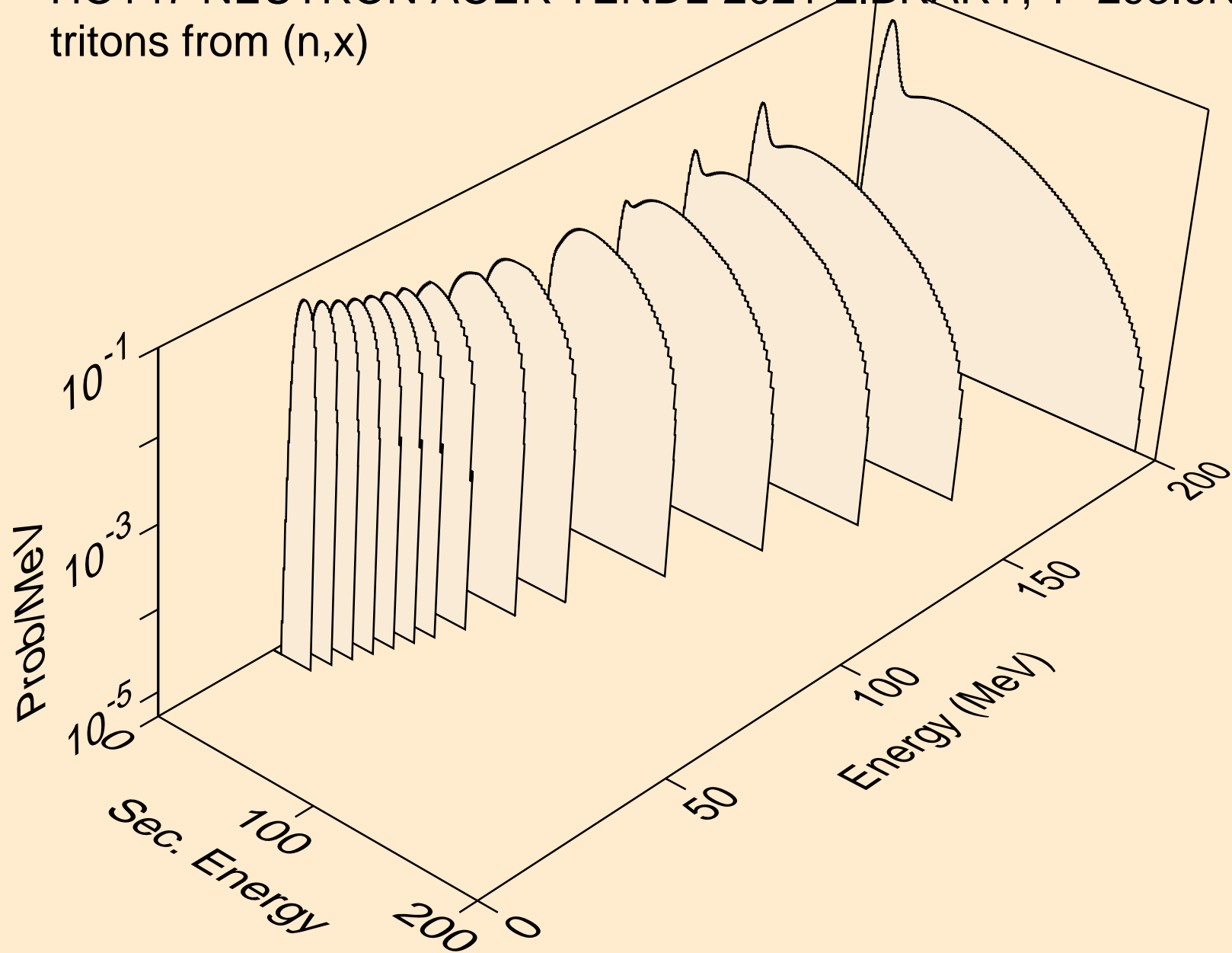
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deuterons from (n,pd)



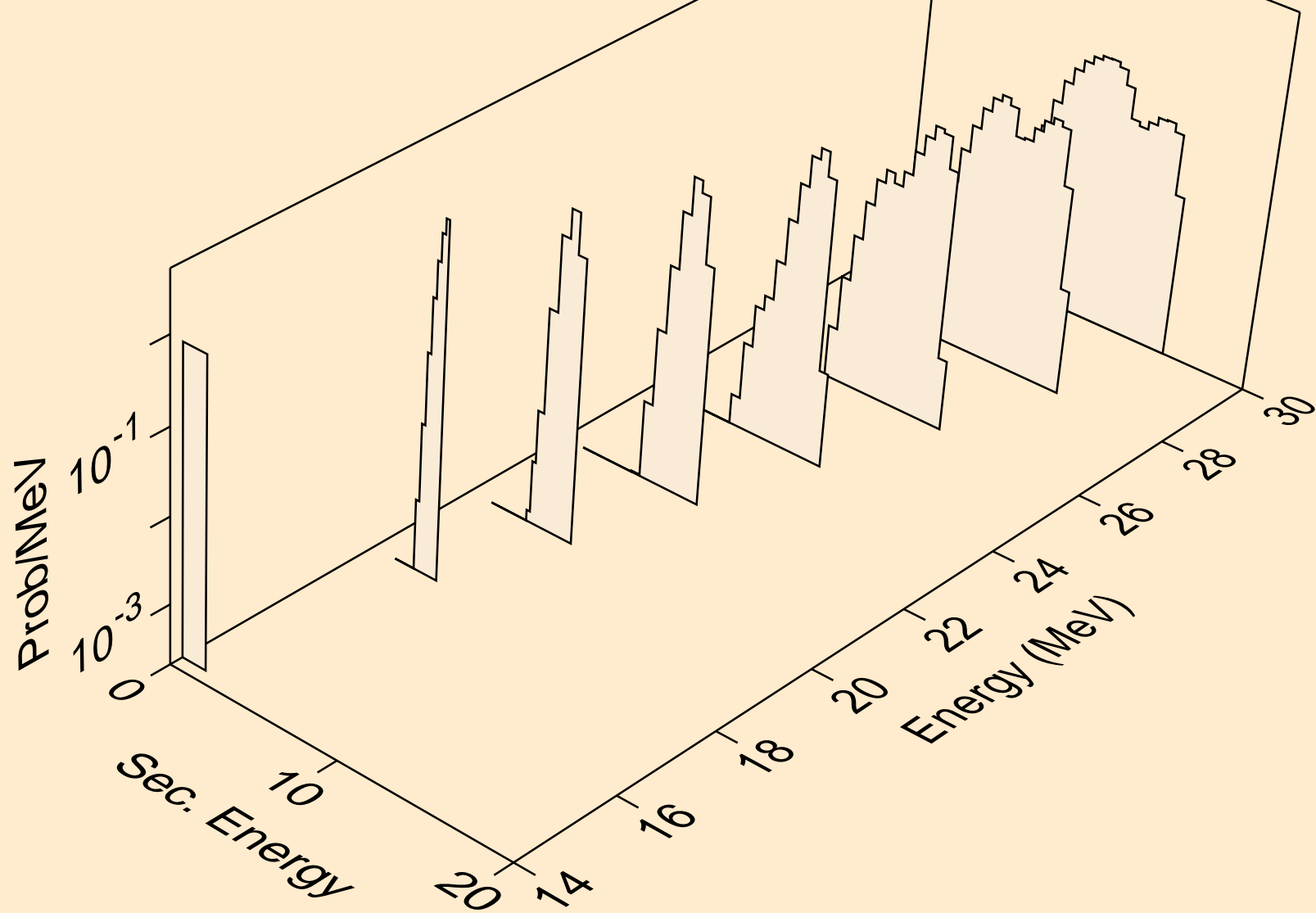
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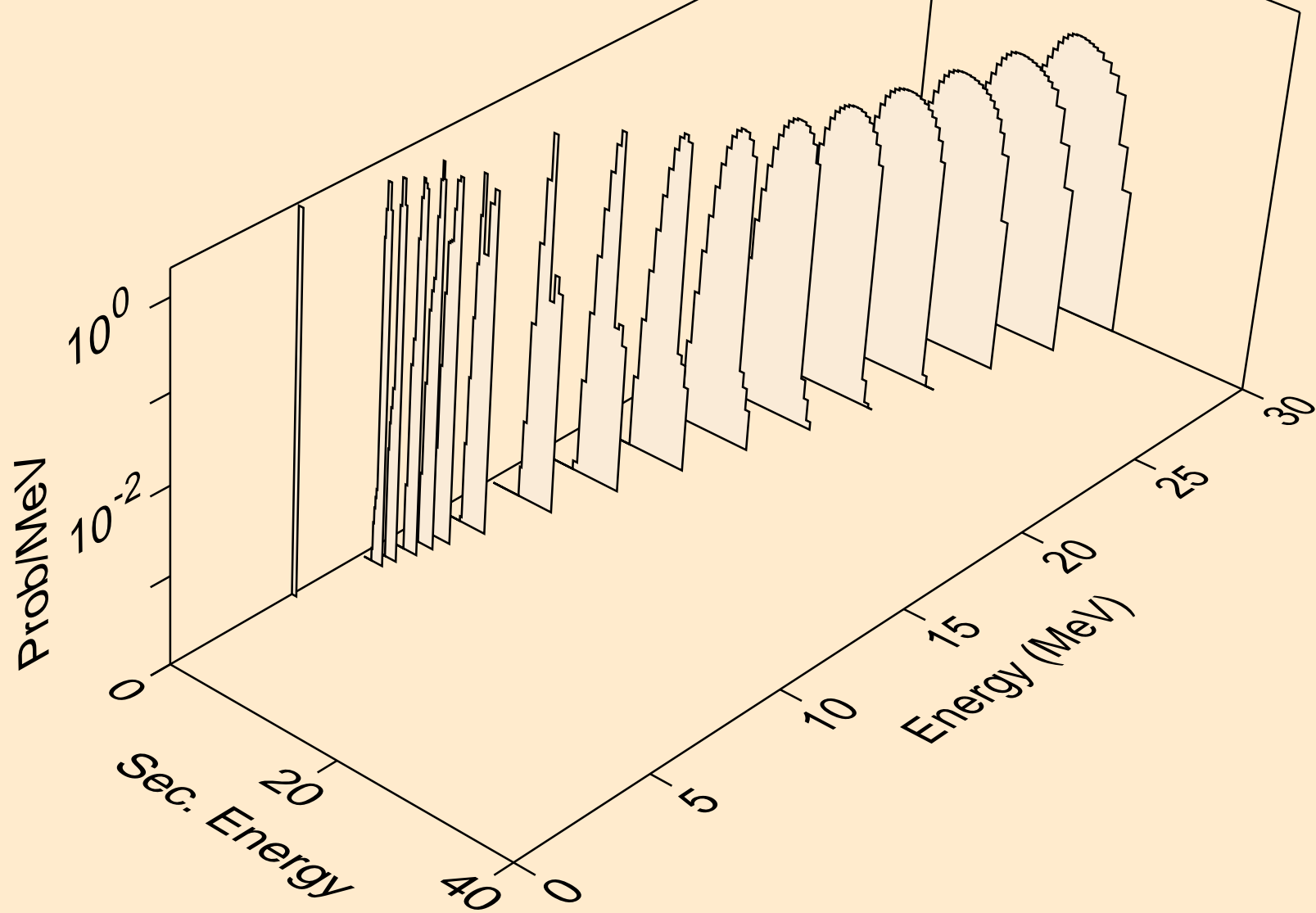
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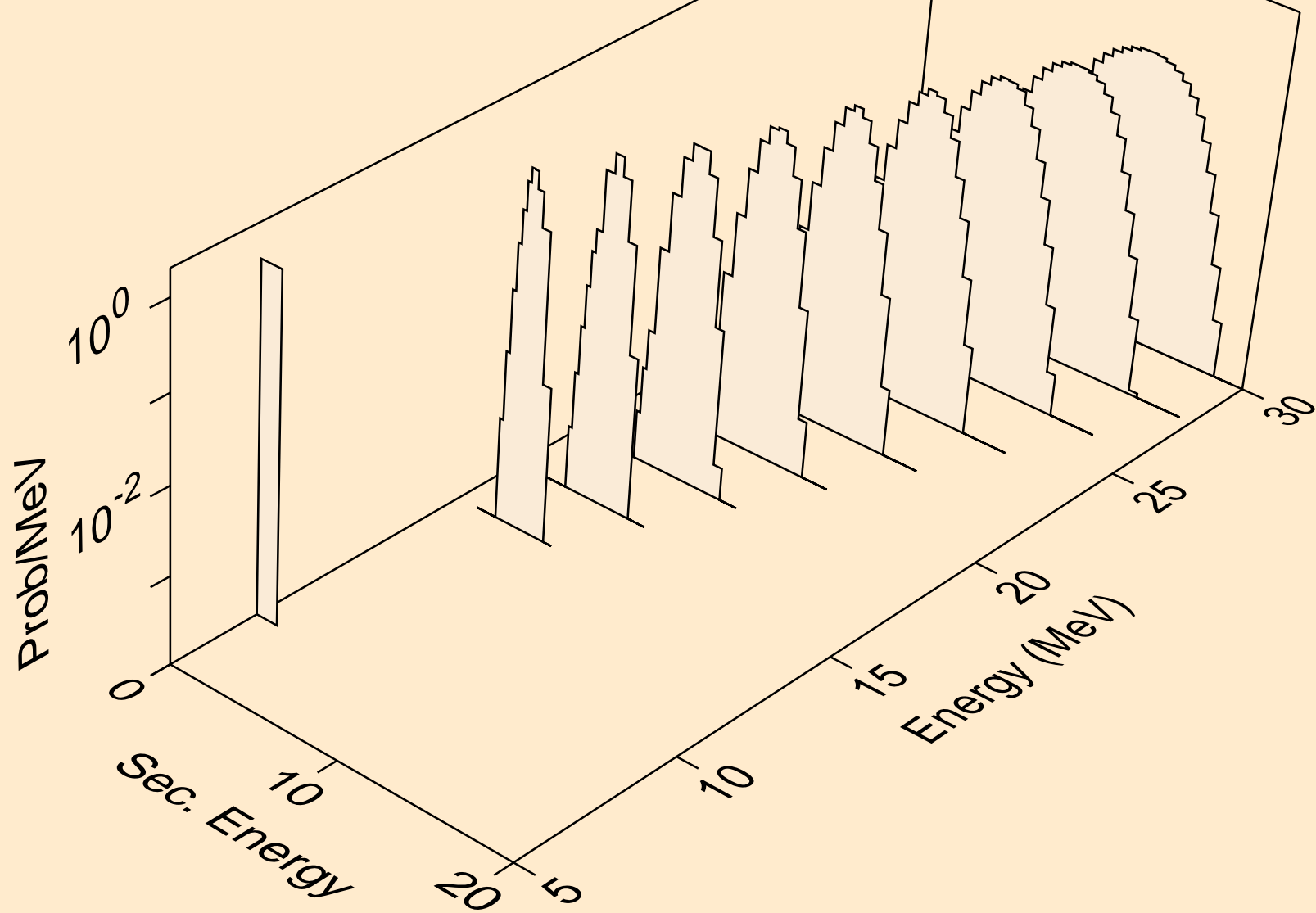
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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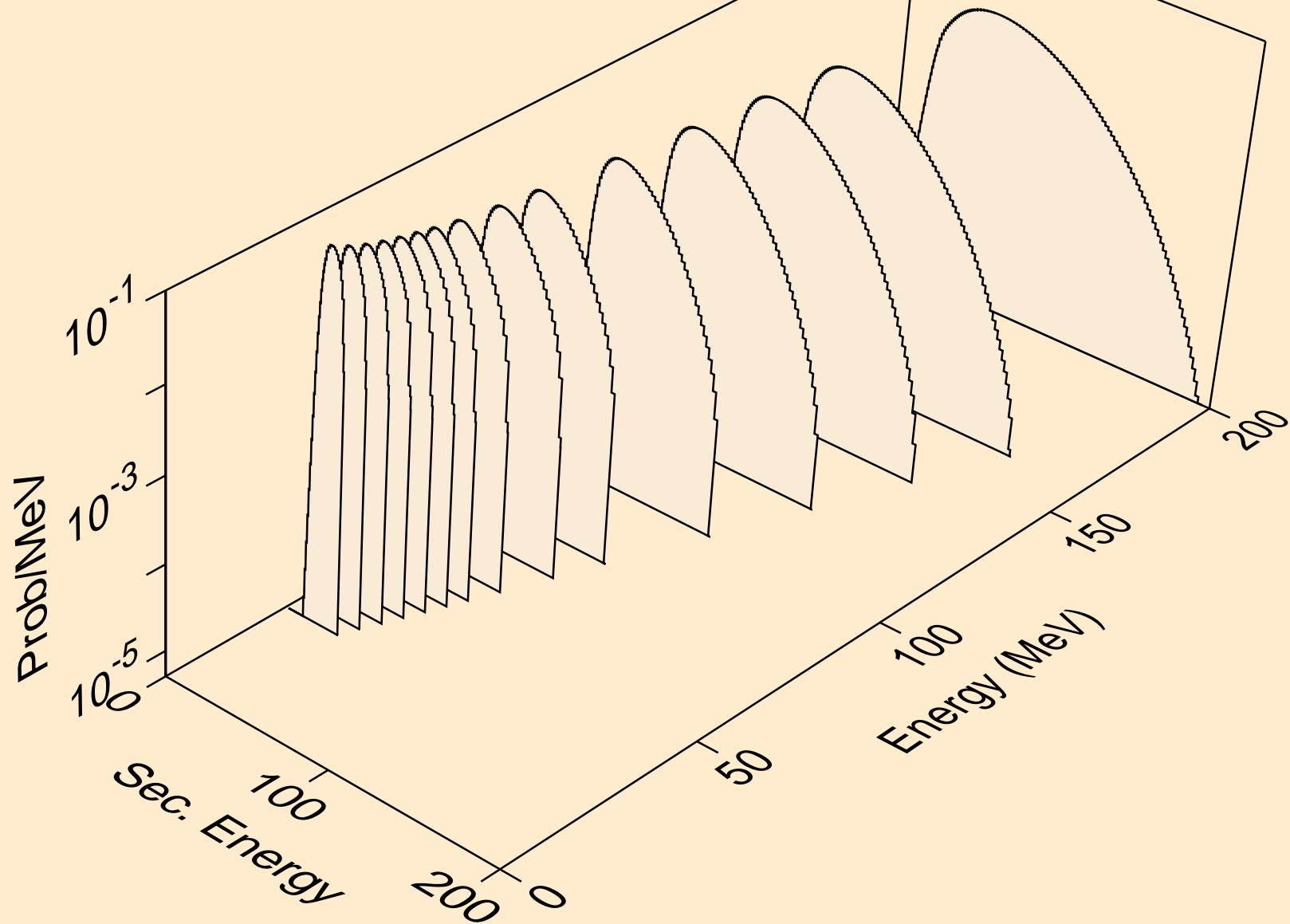
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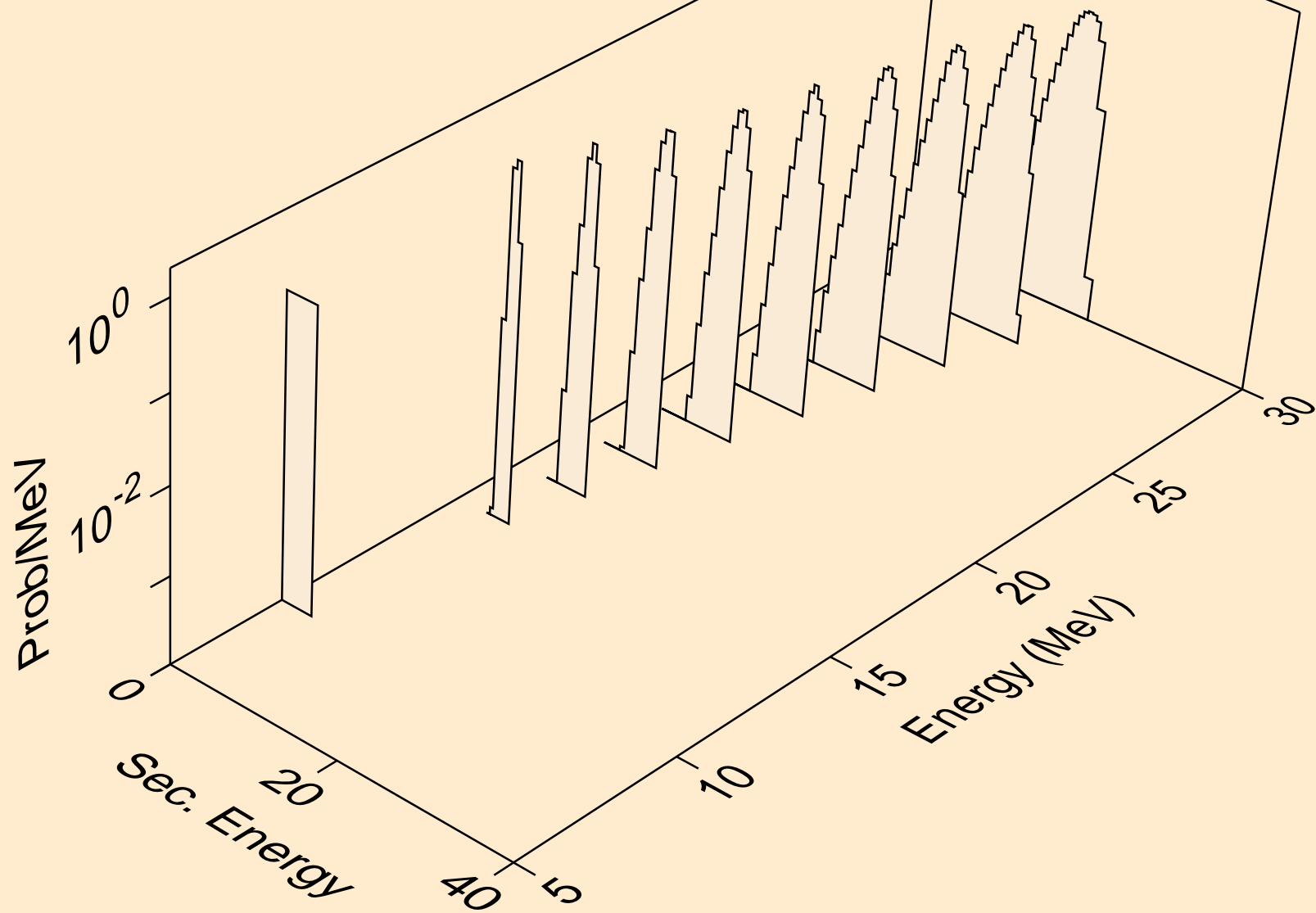
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

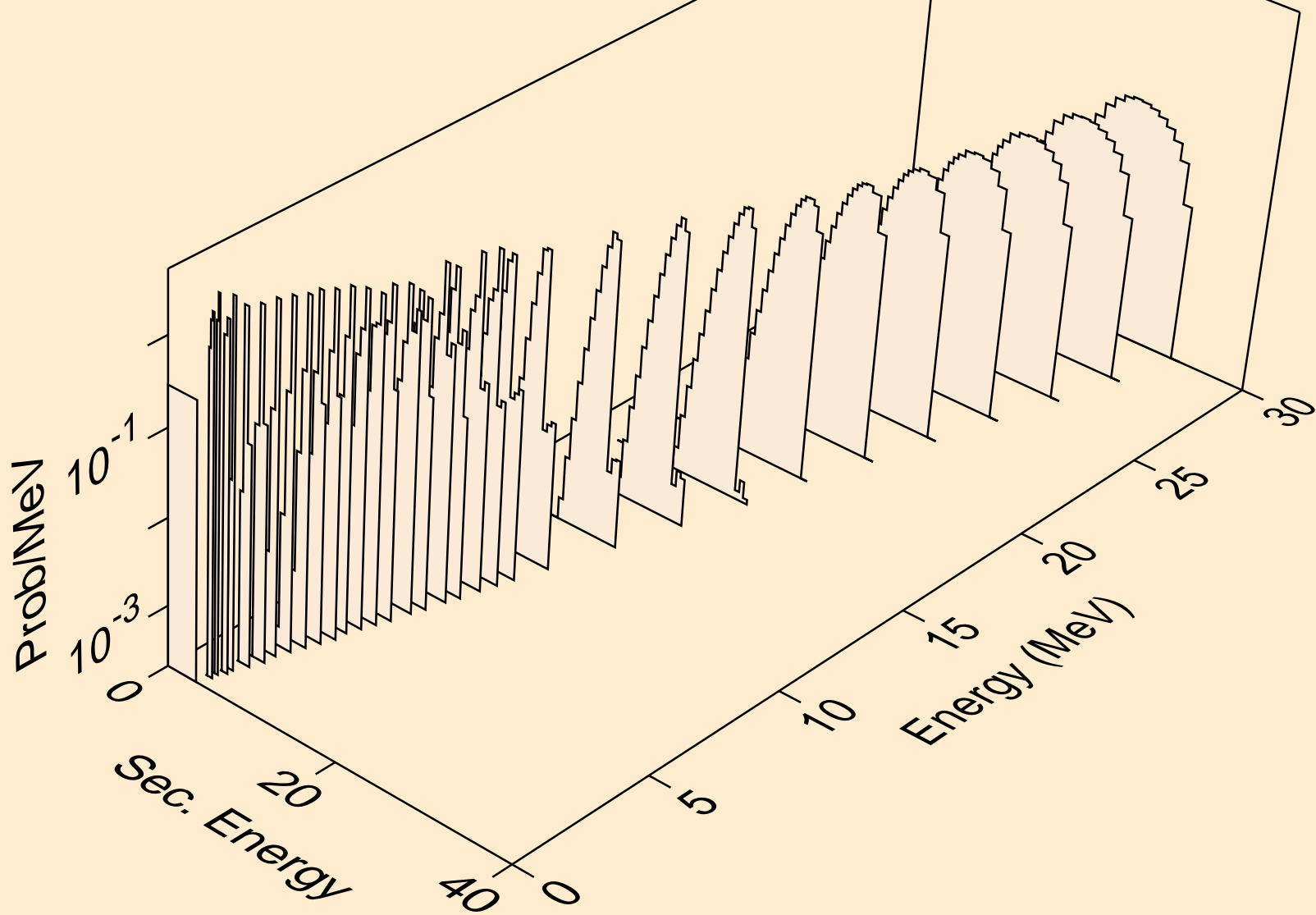


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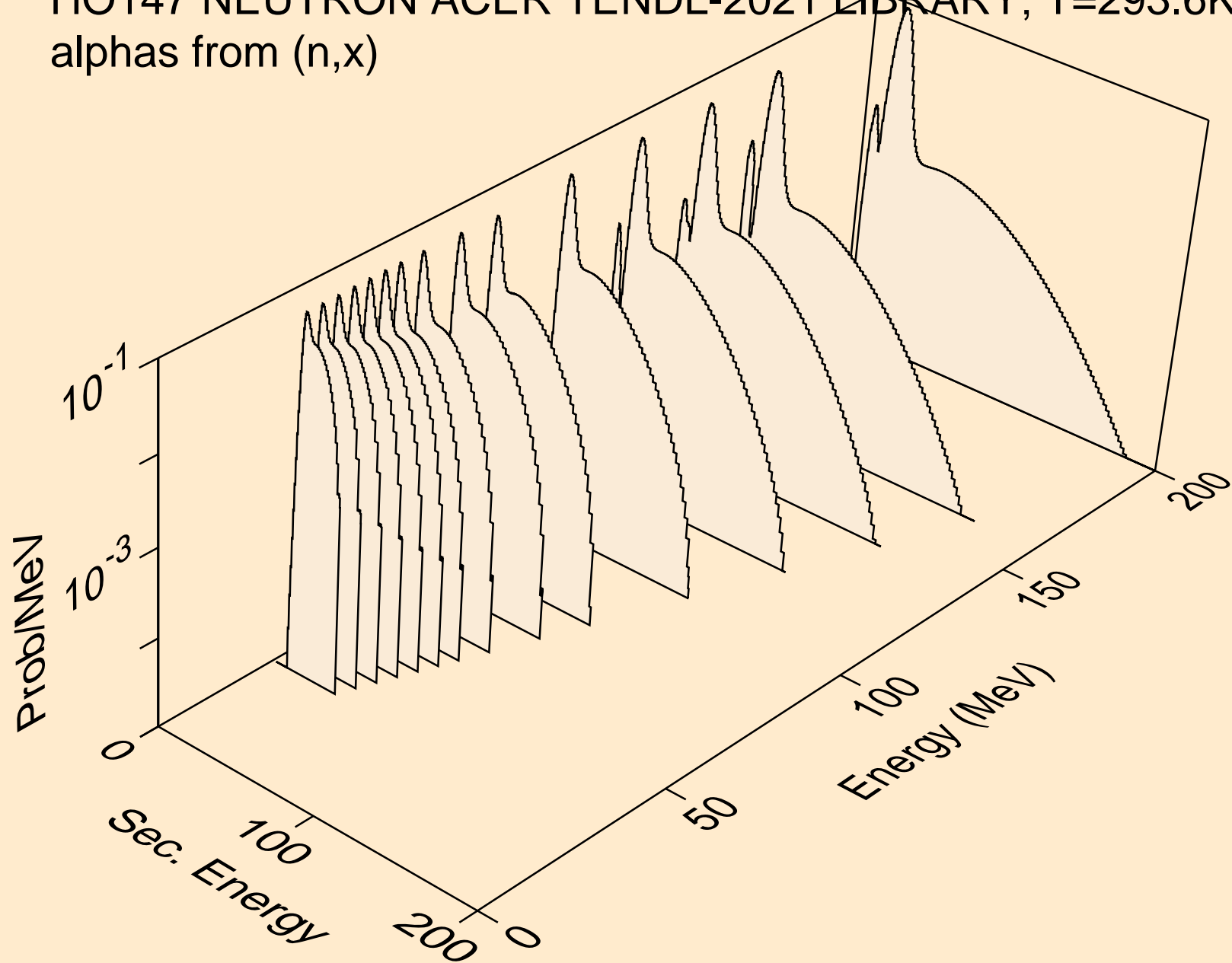




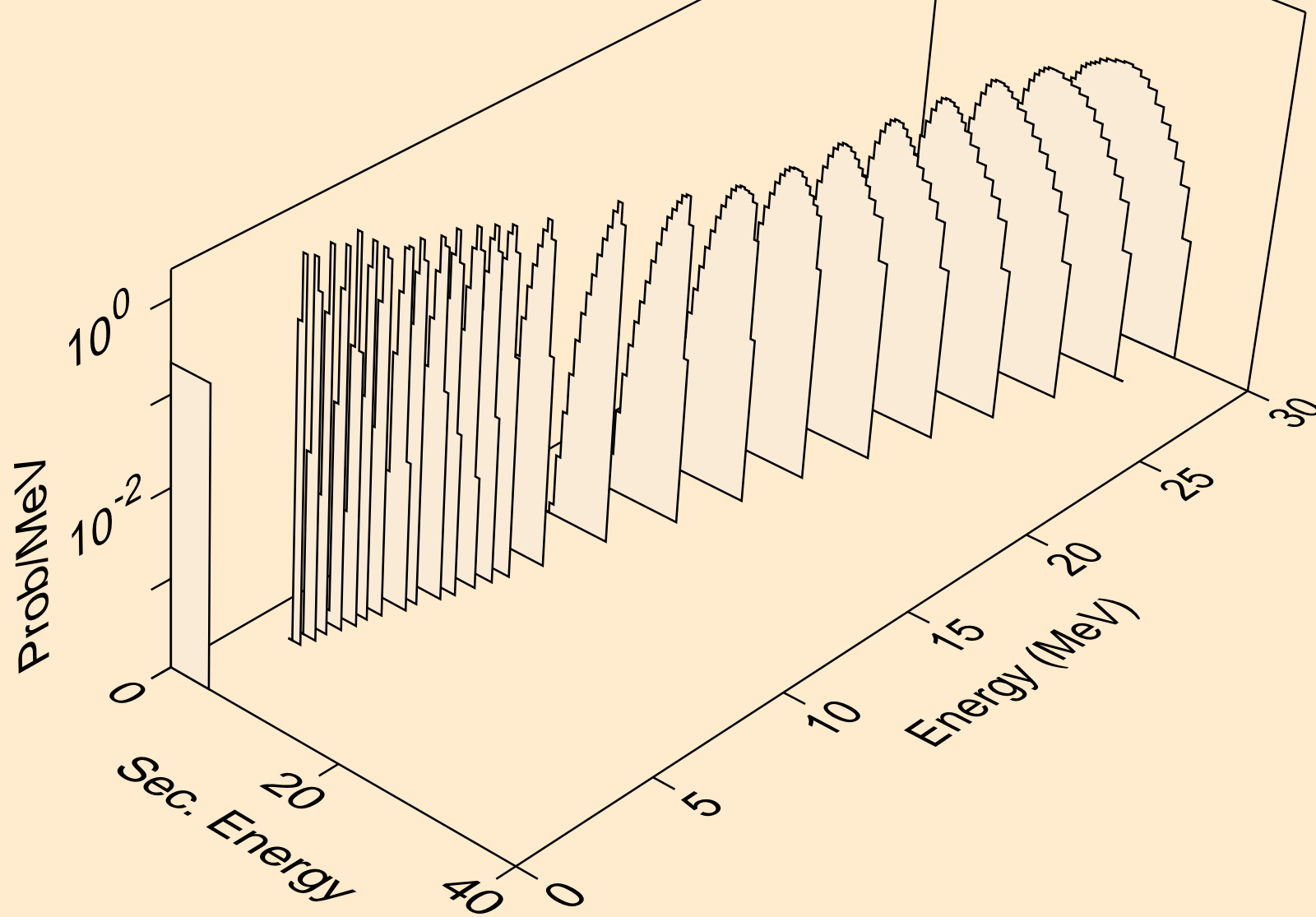
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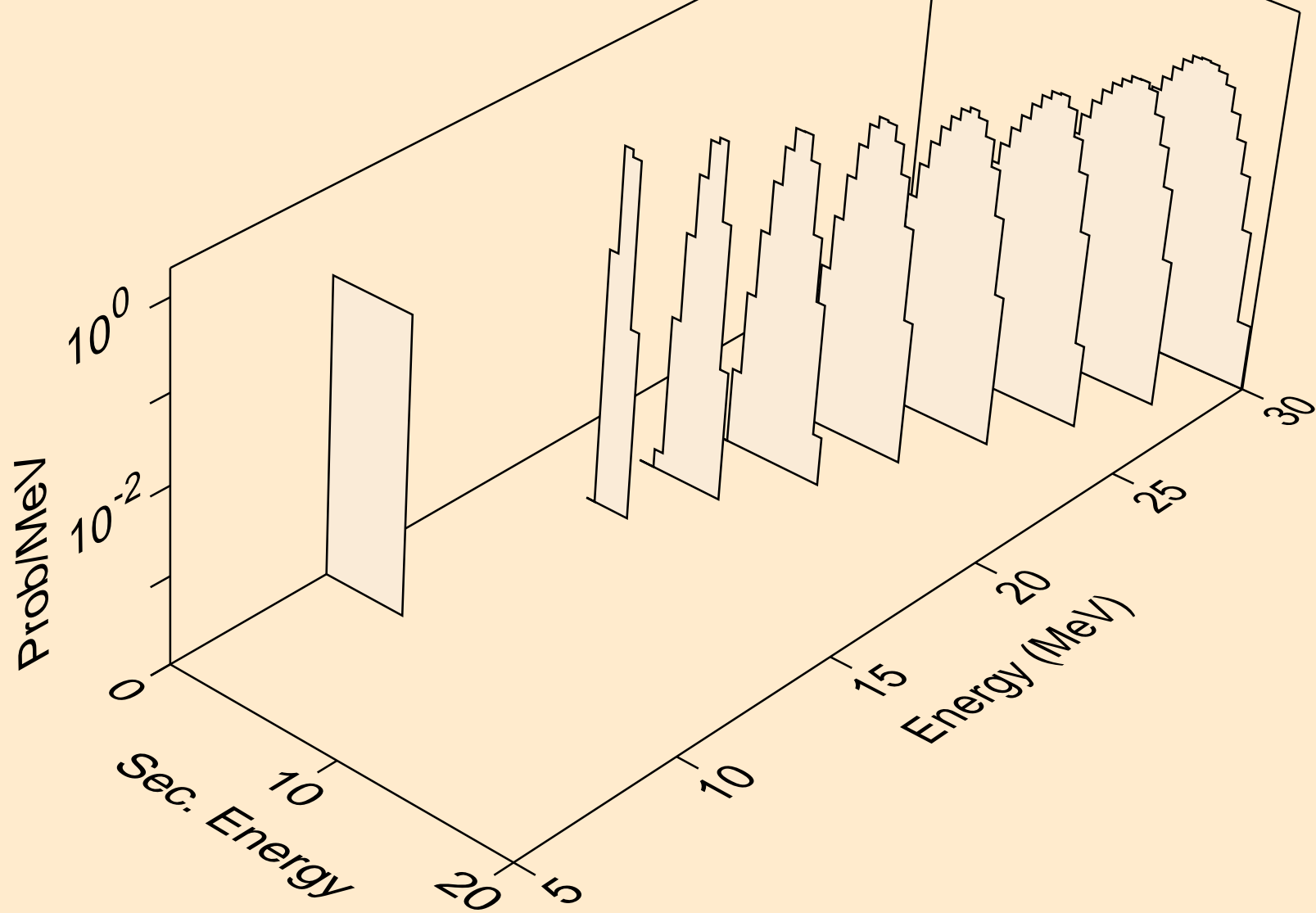
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alphas from (n,x)



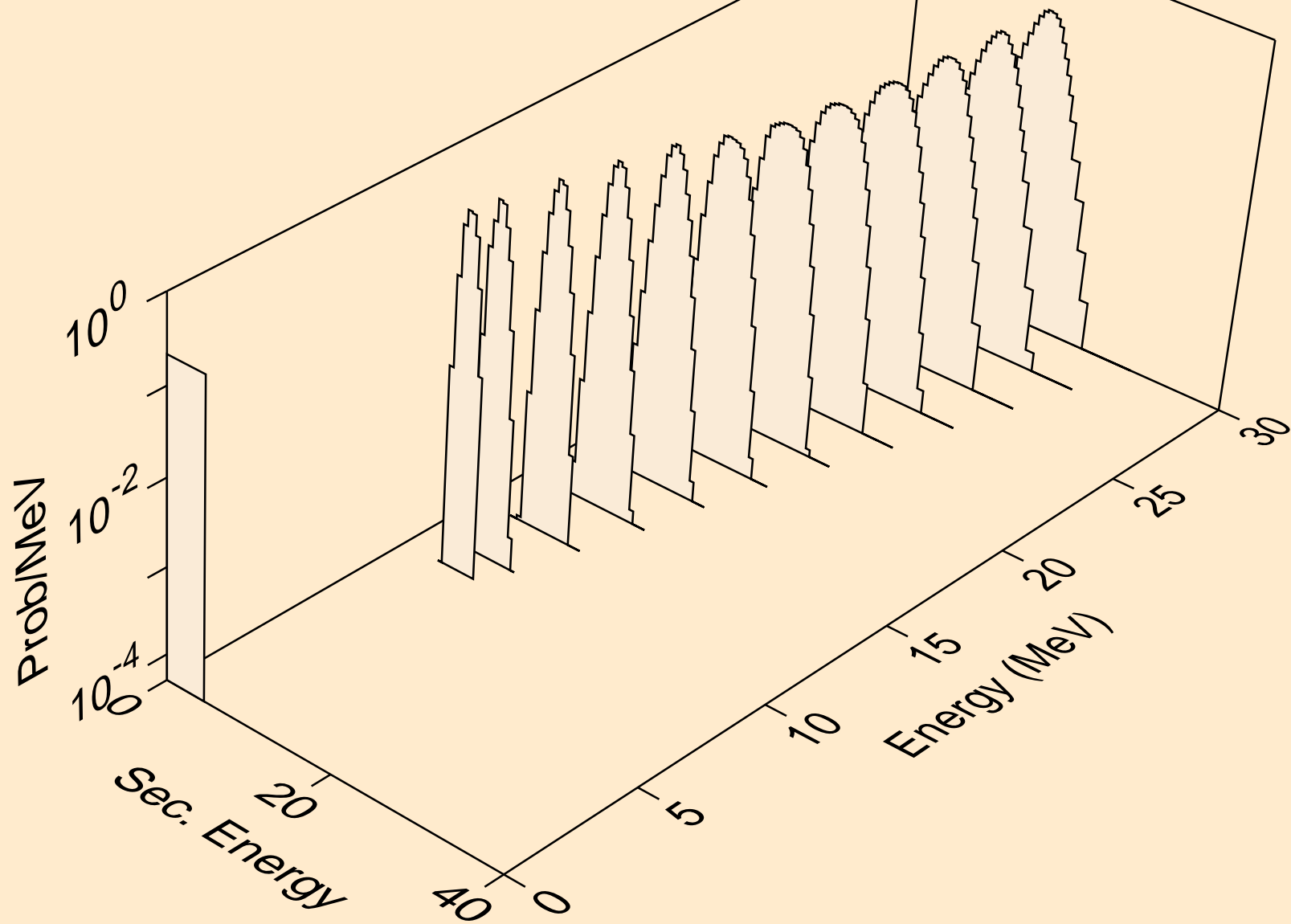
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



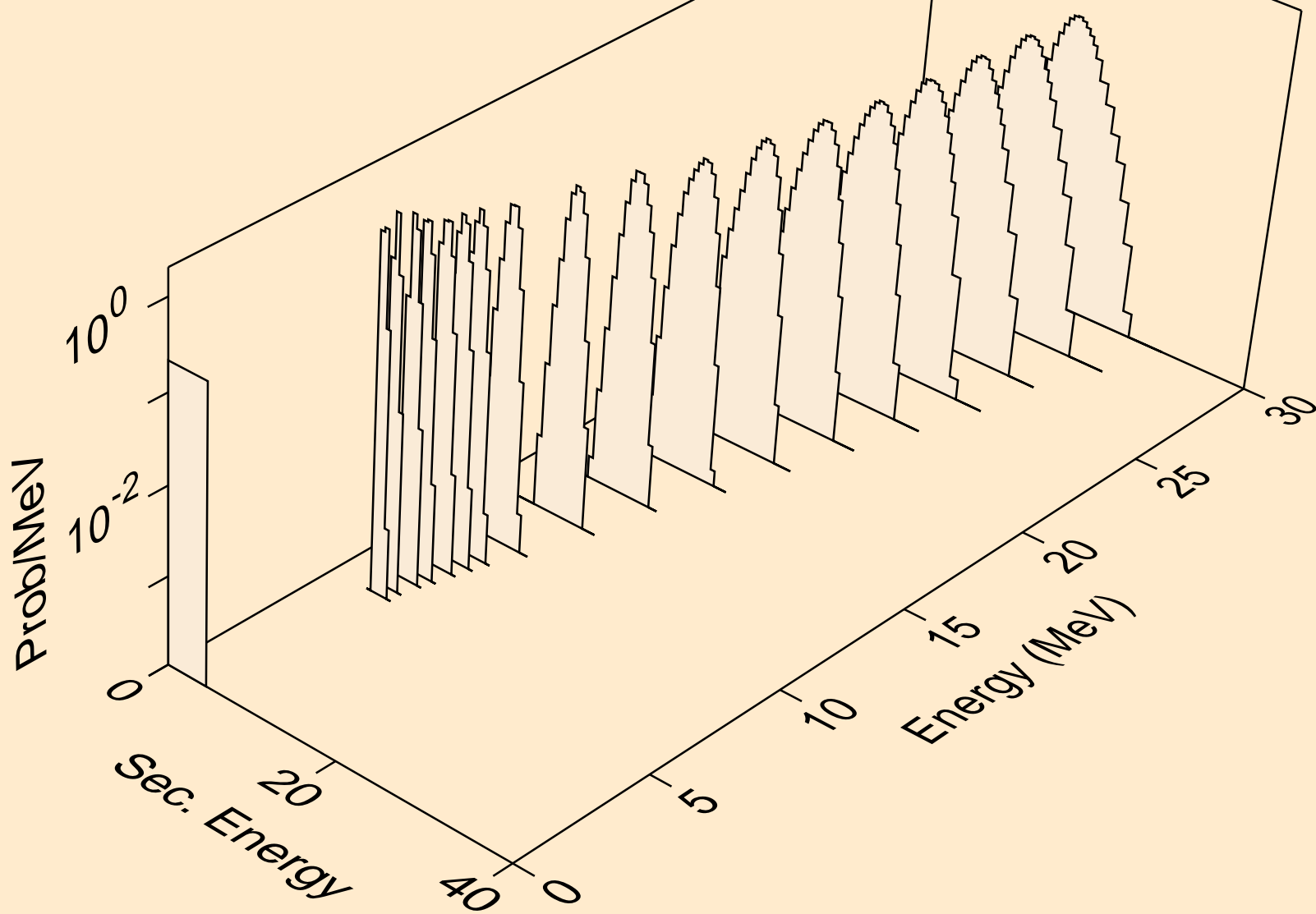
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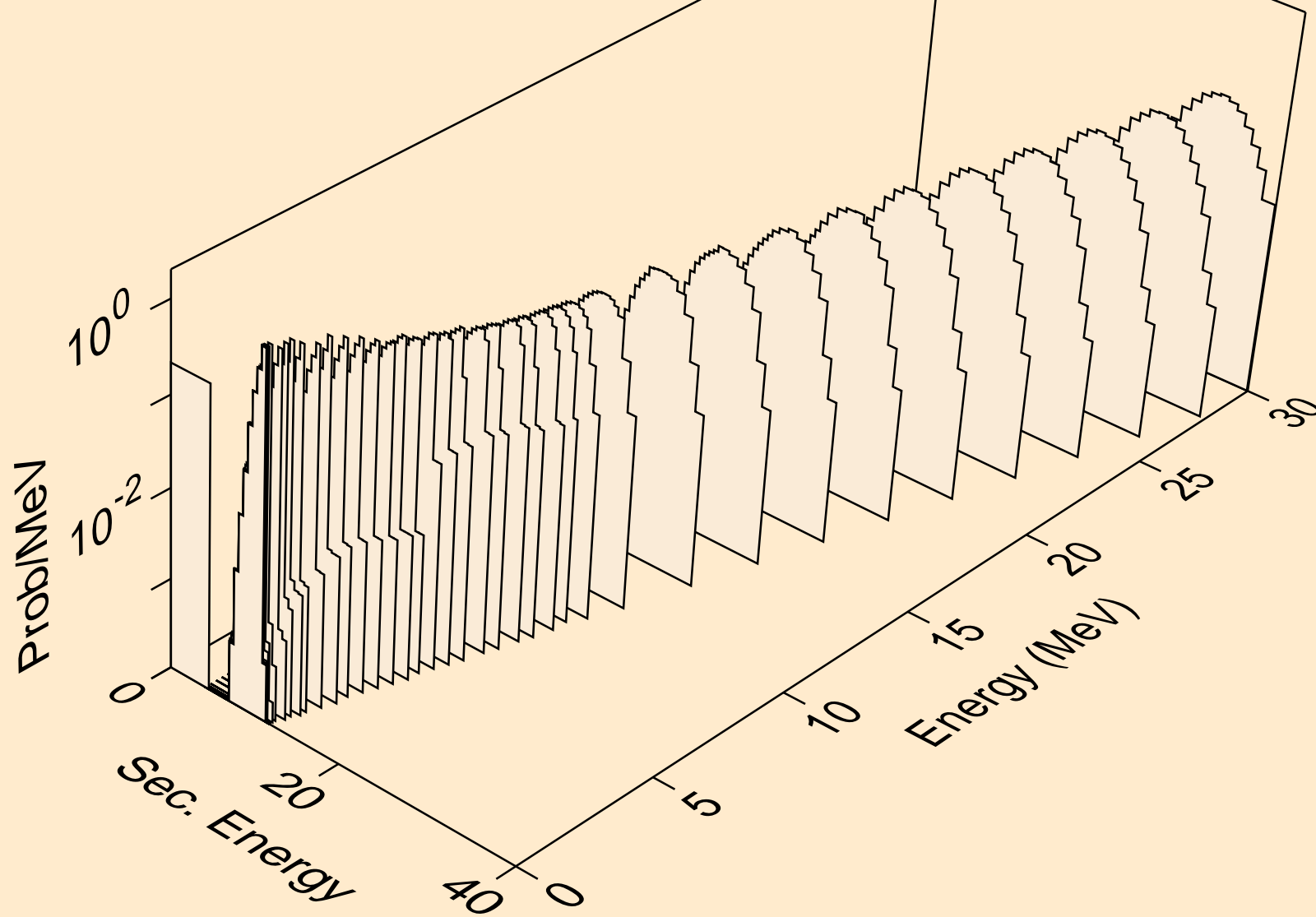
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alphas from (n,n\*)2a



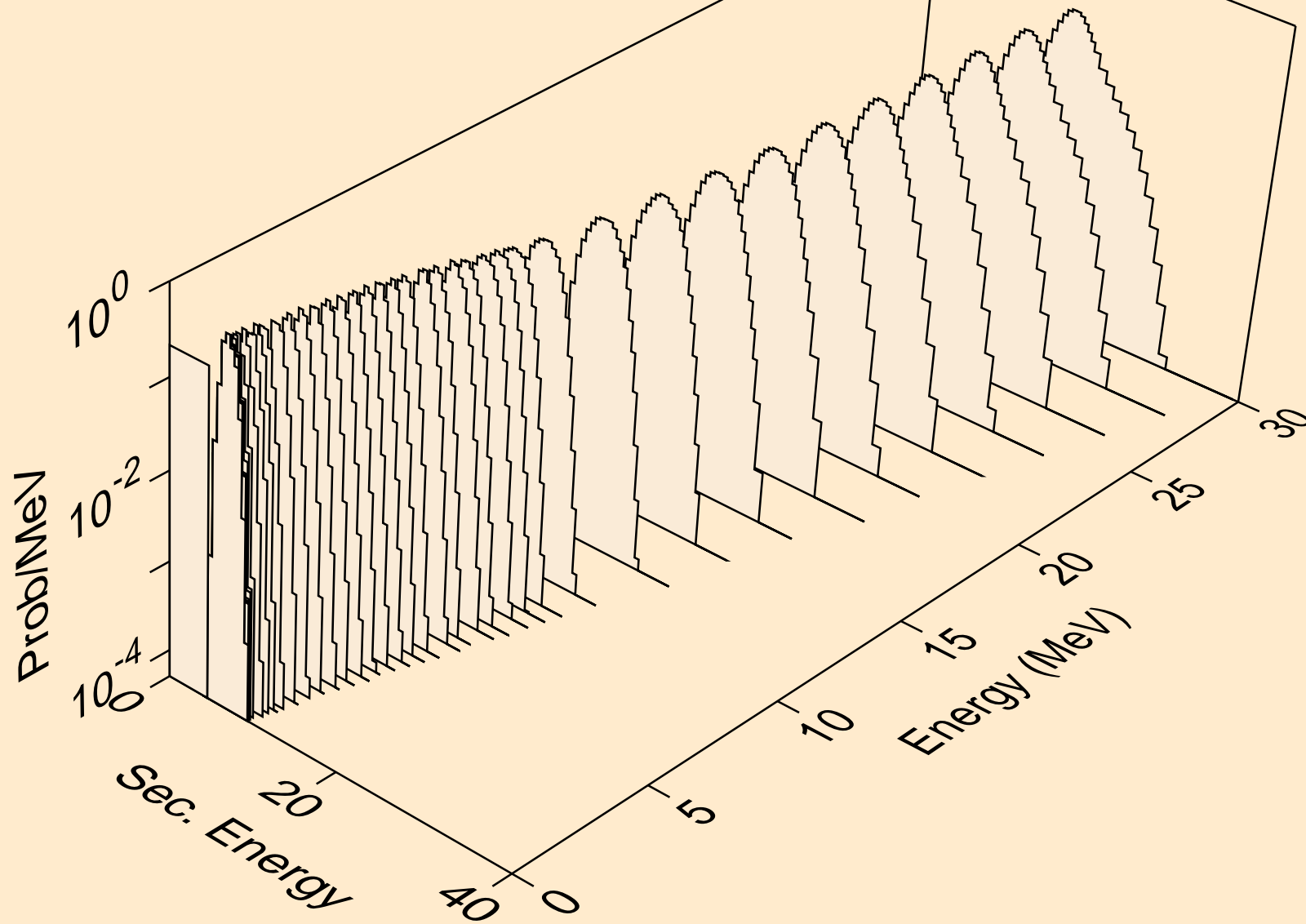
HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

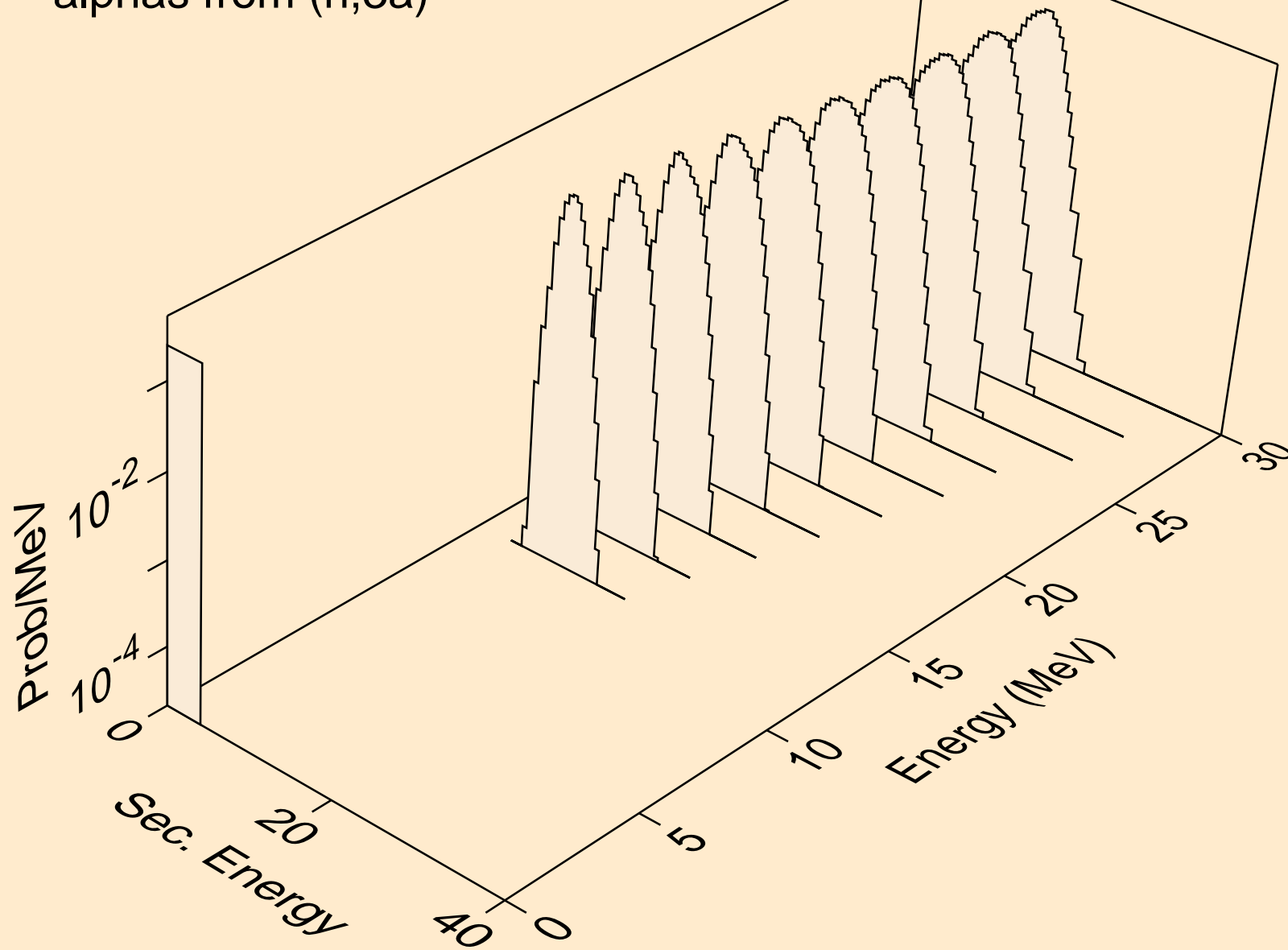


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alphas from (n,2a)

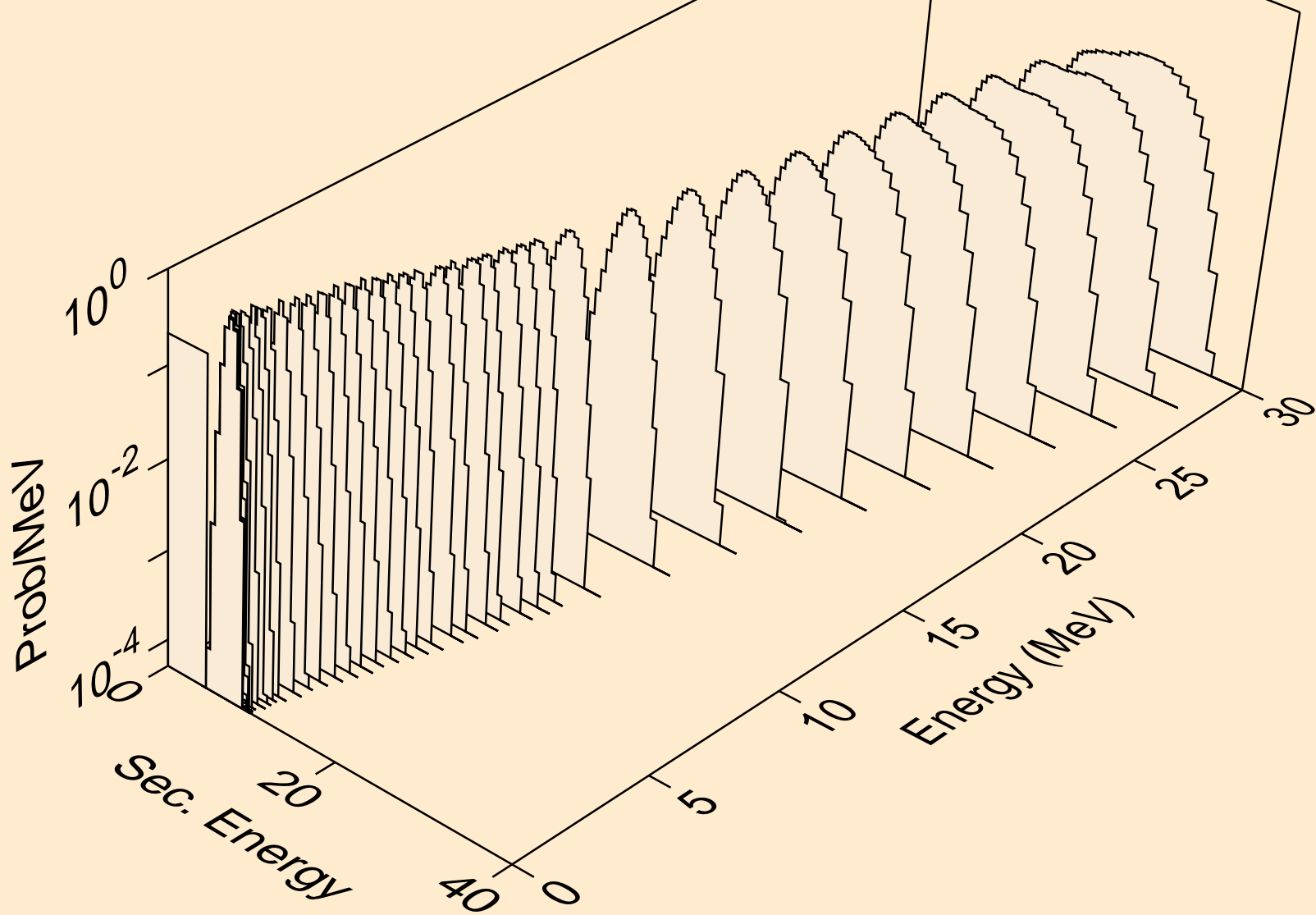




HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



HO147 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

