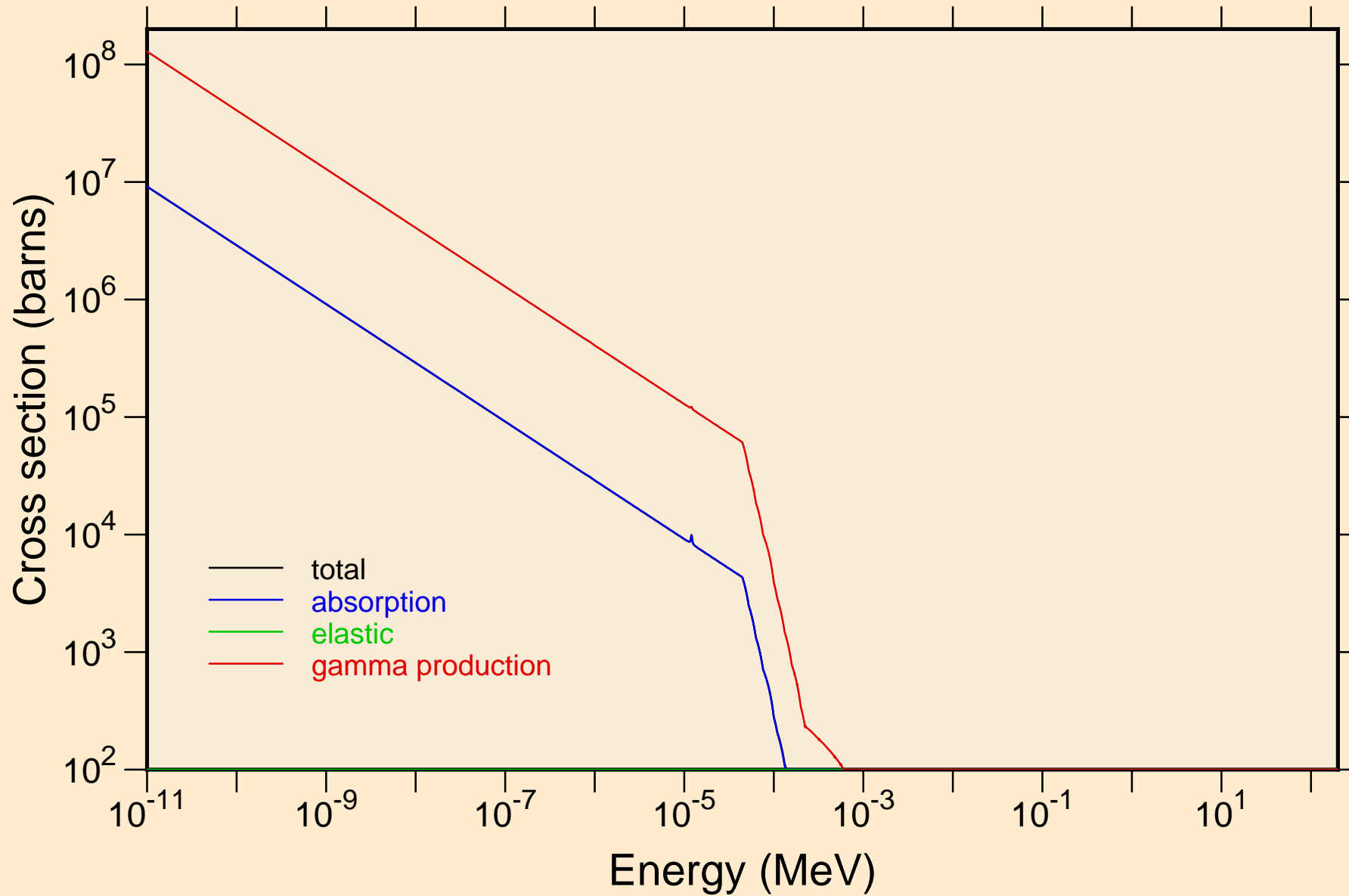
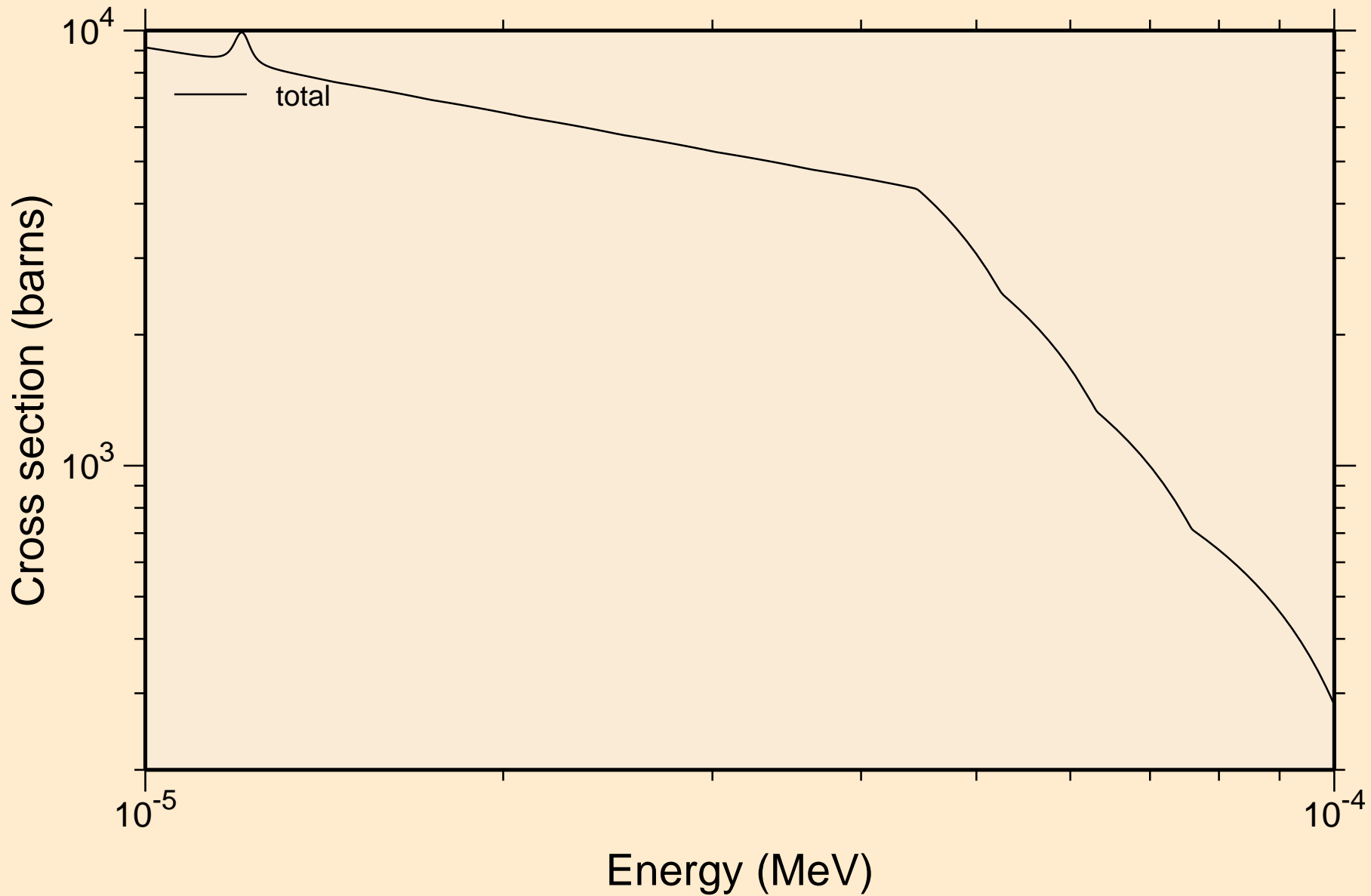


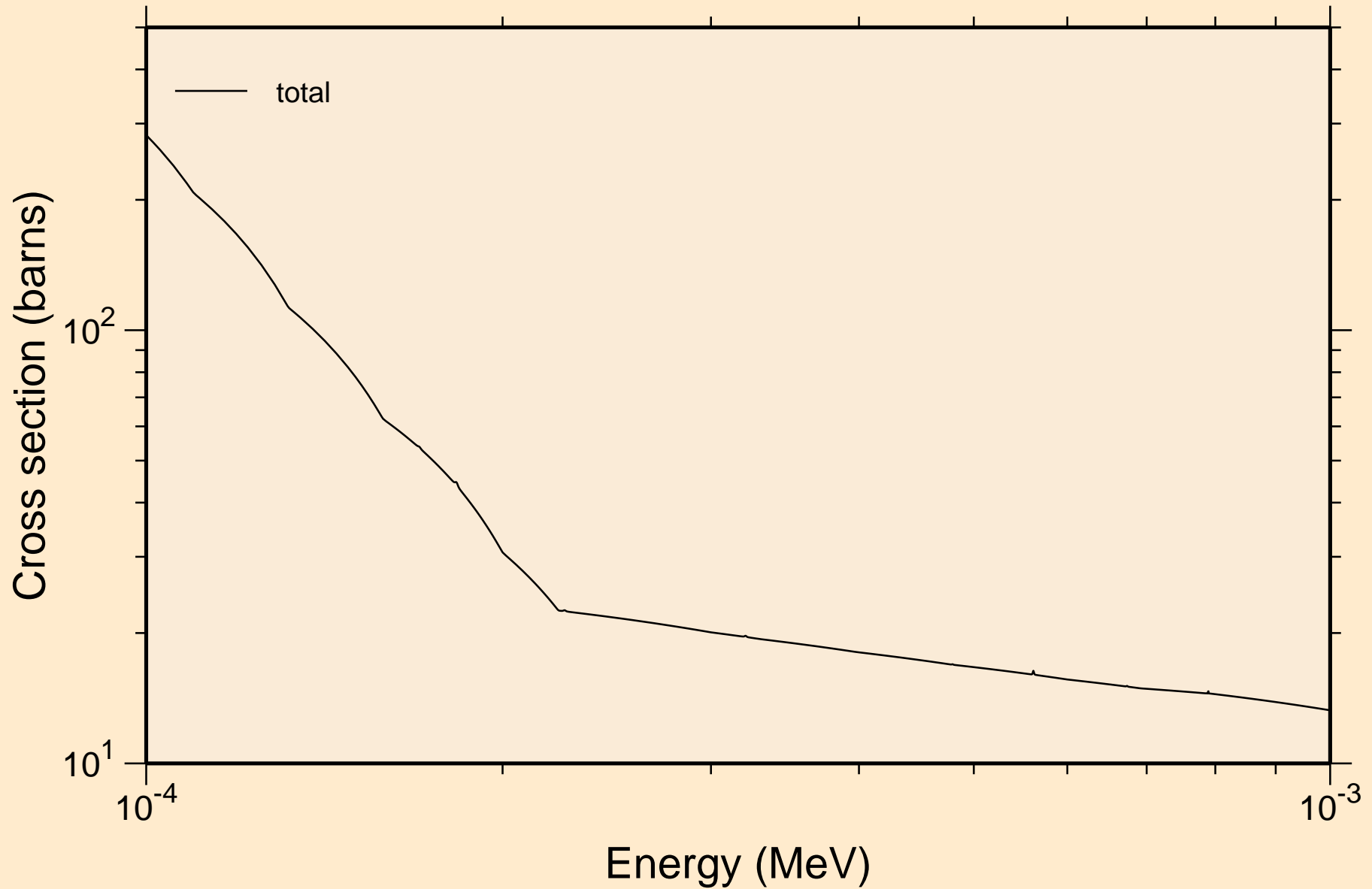
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



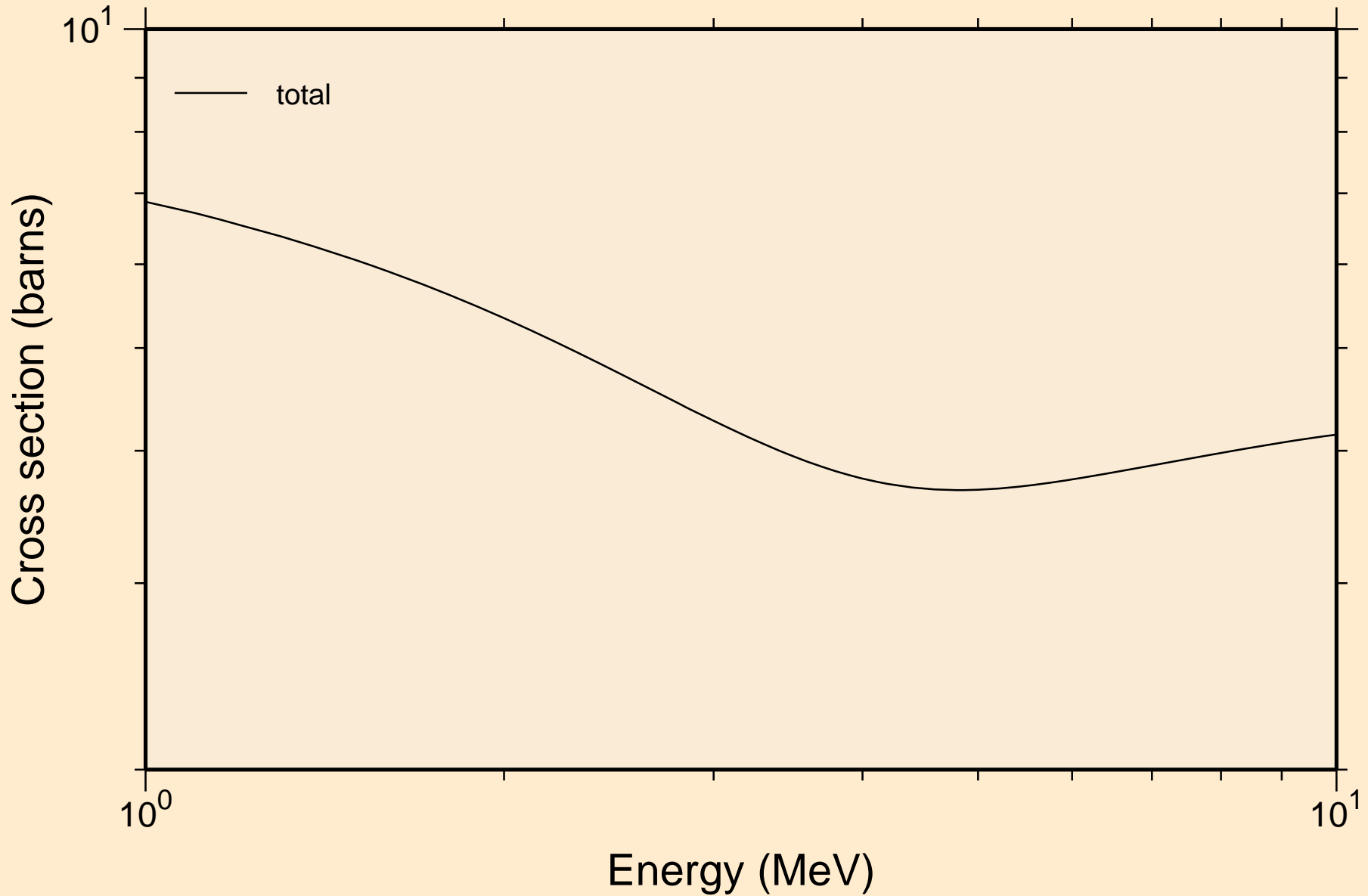
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resonance total cross section



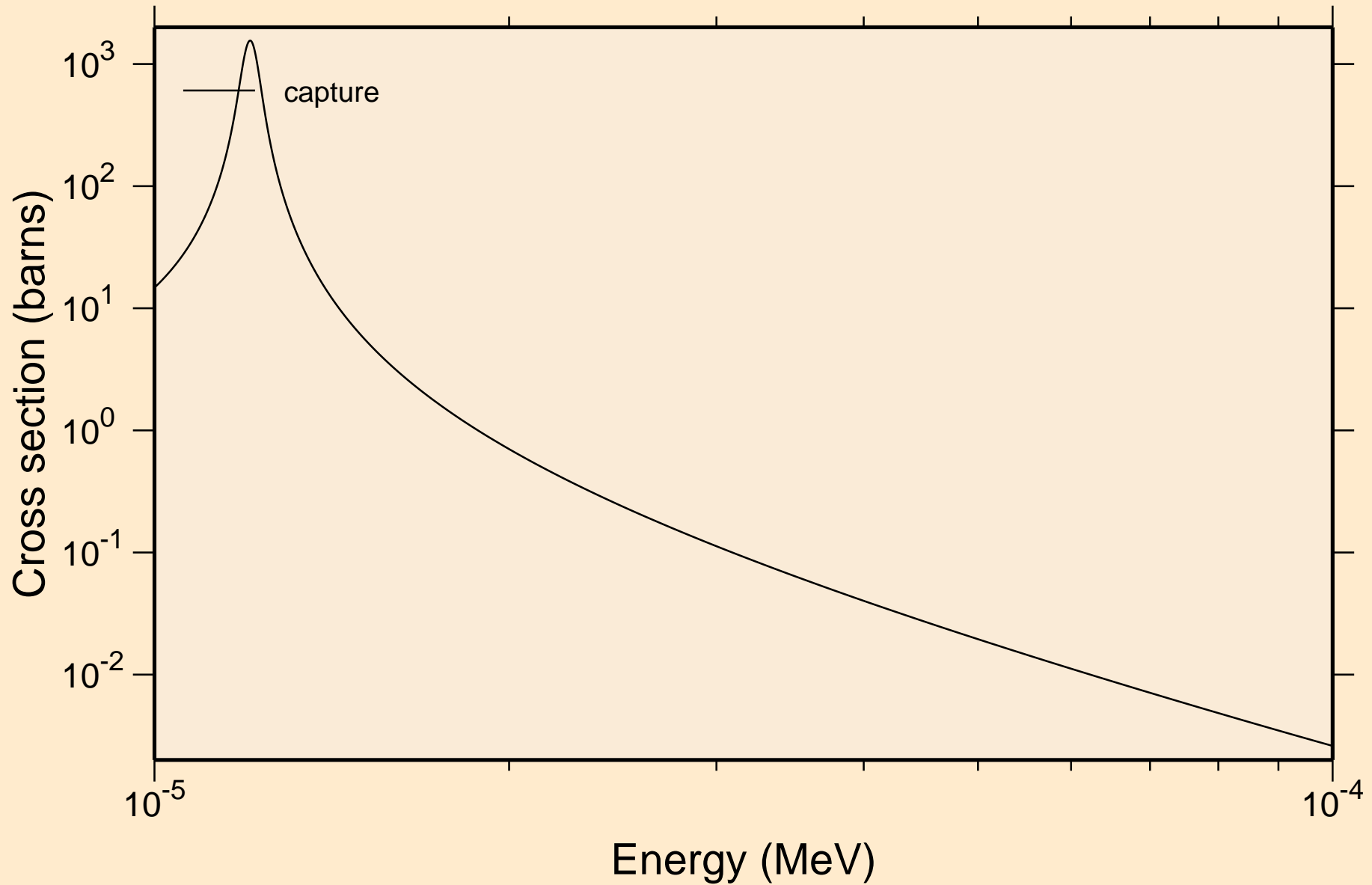
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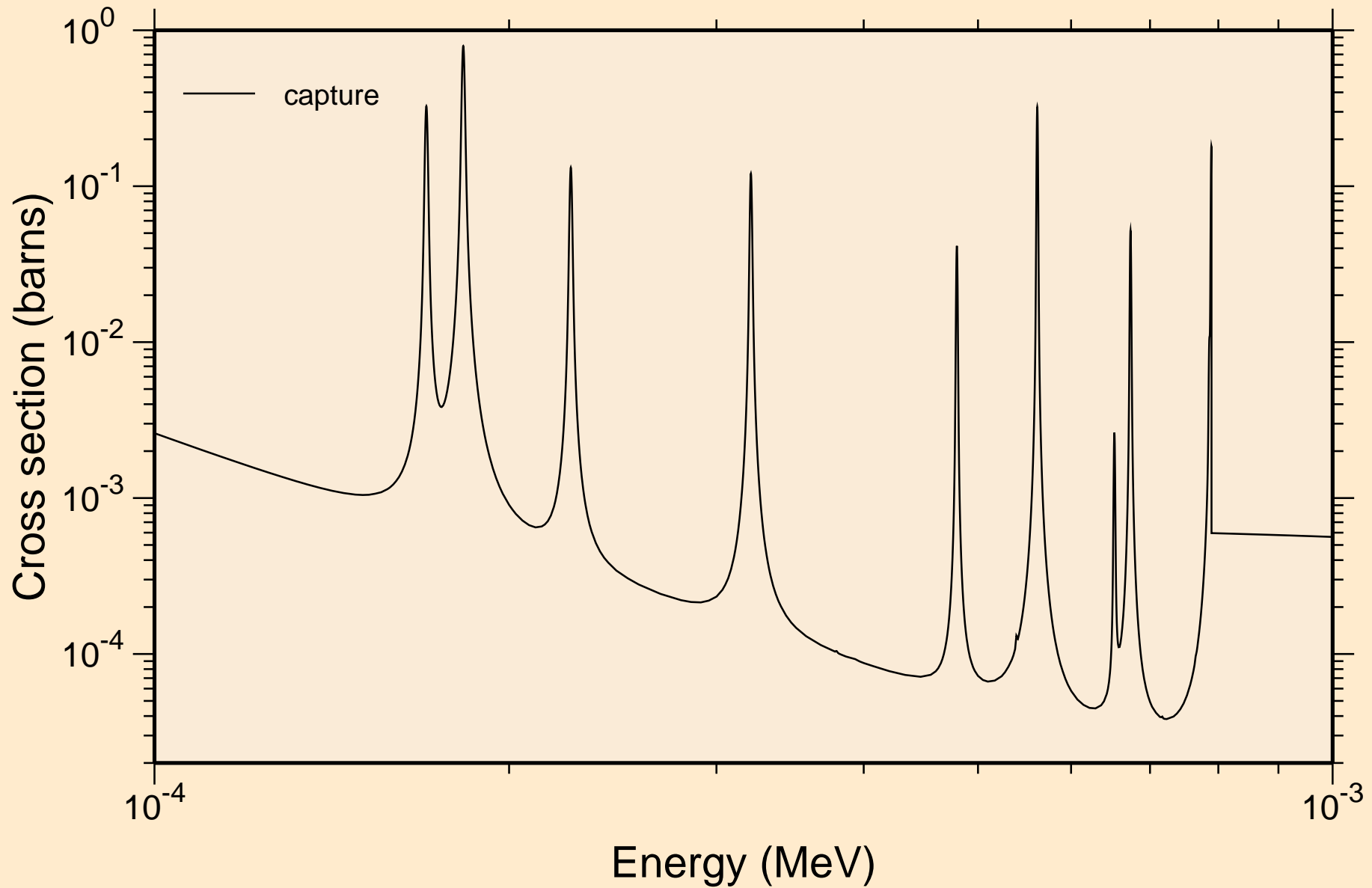
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resonance total cross section



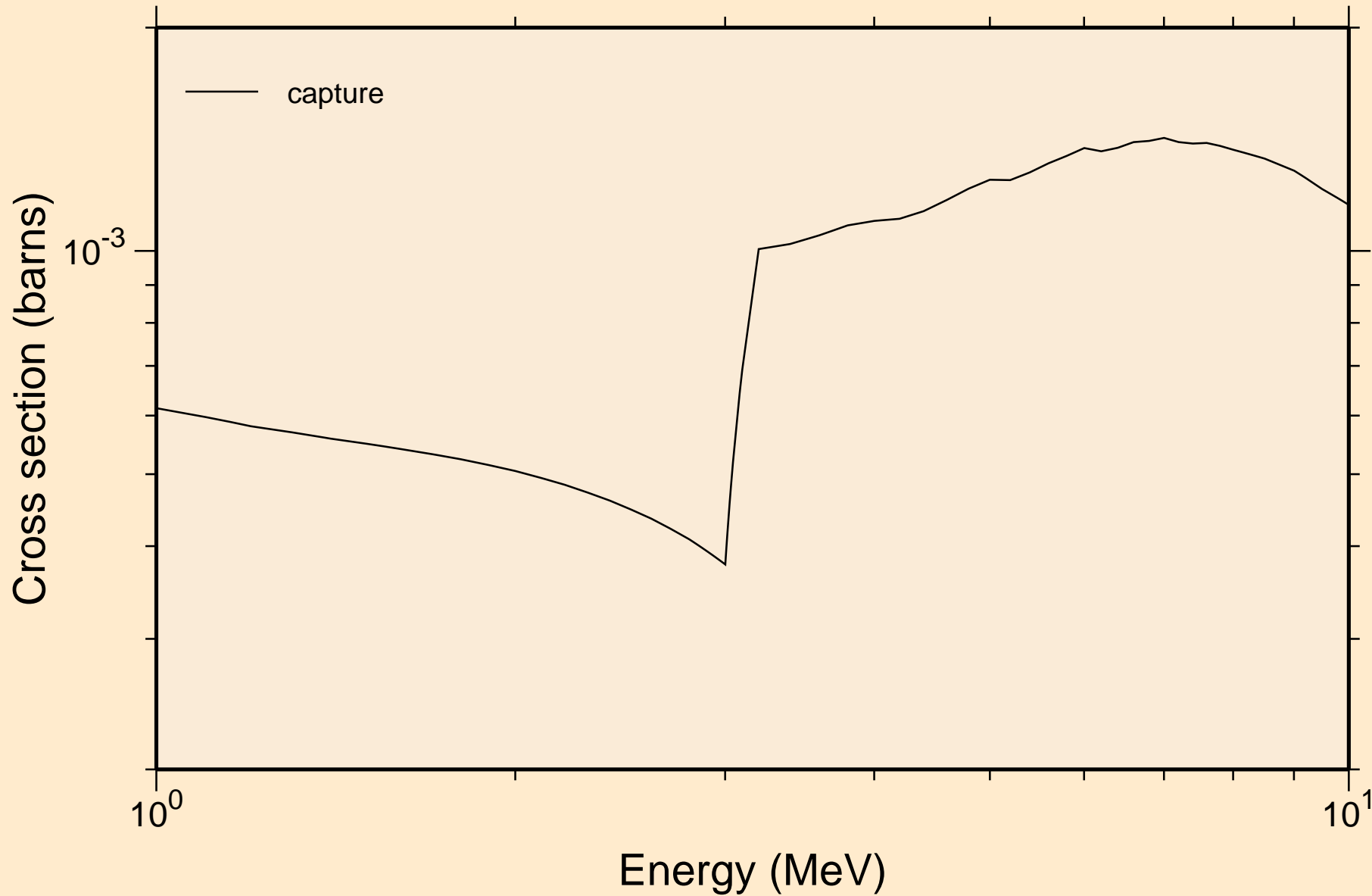
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resonance absorption cross sections



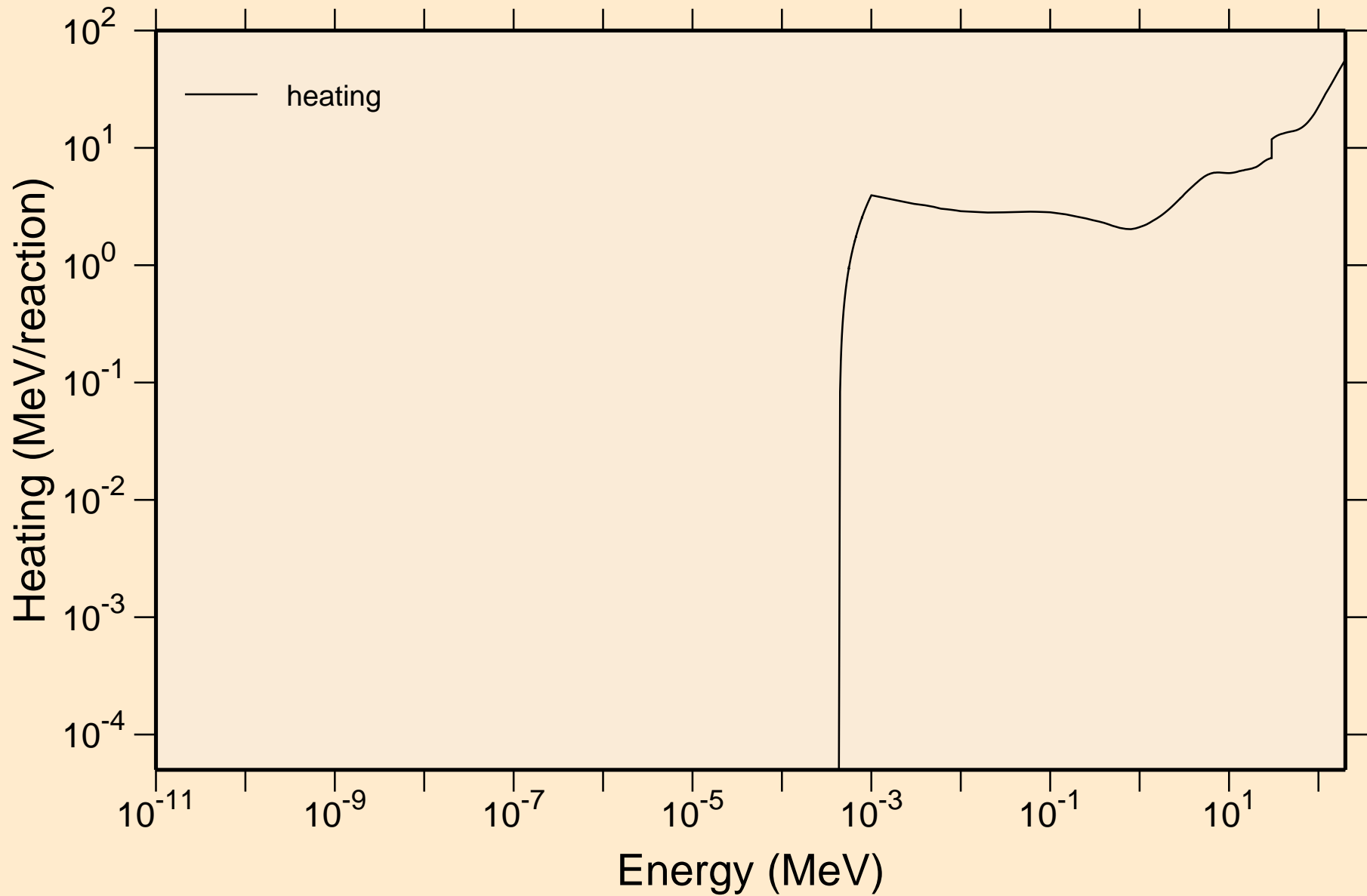
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resonance absorption cross sections



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

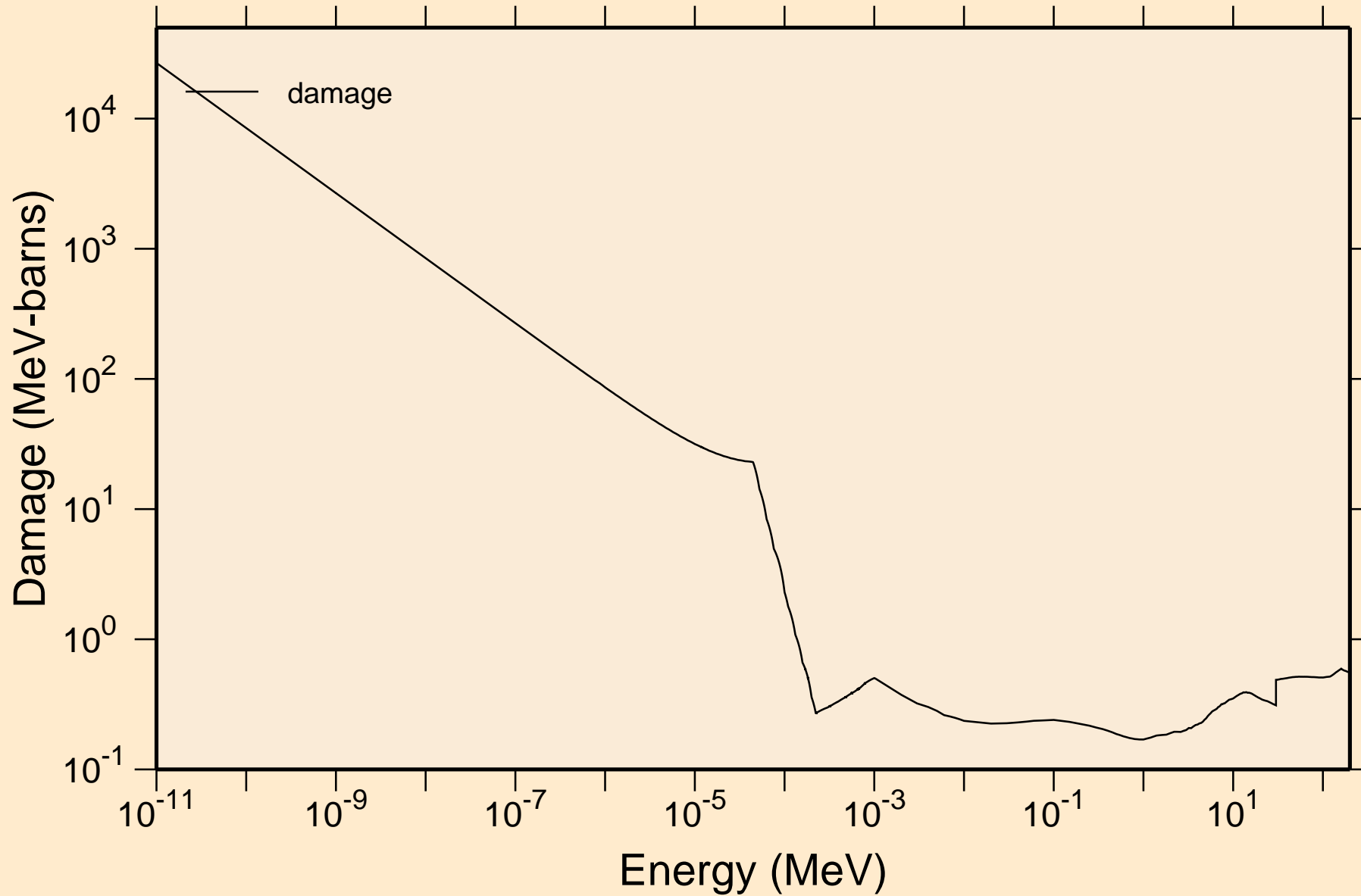


IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



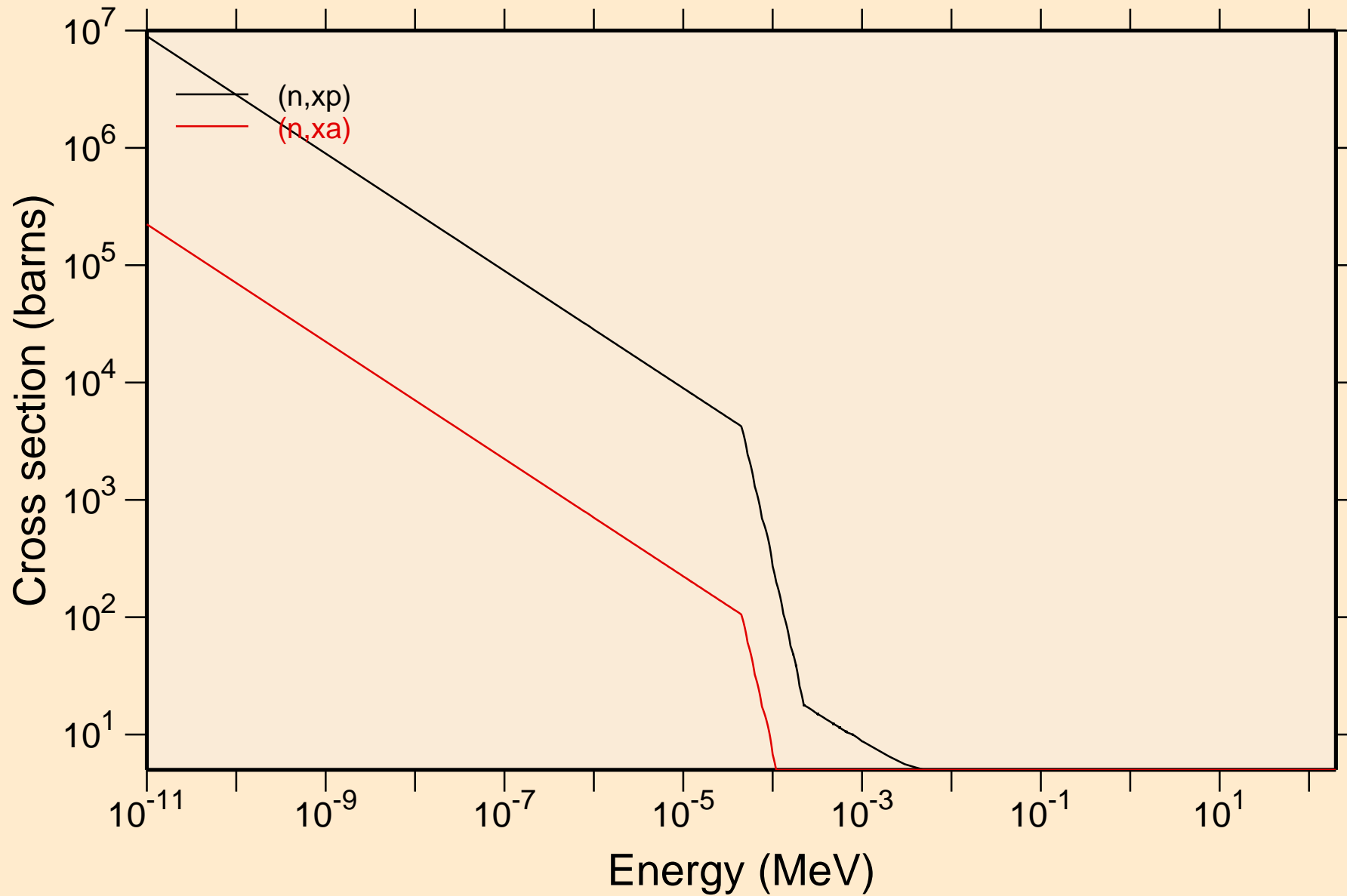


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Damage



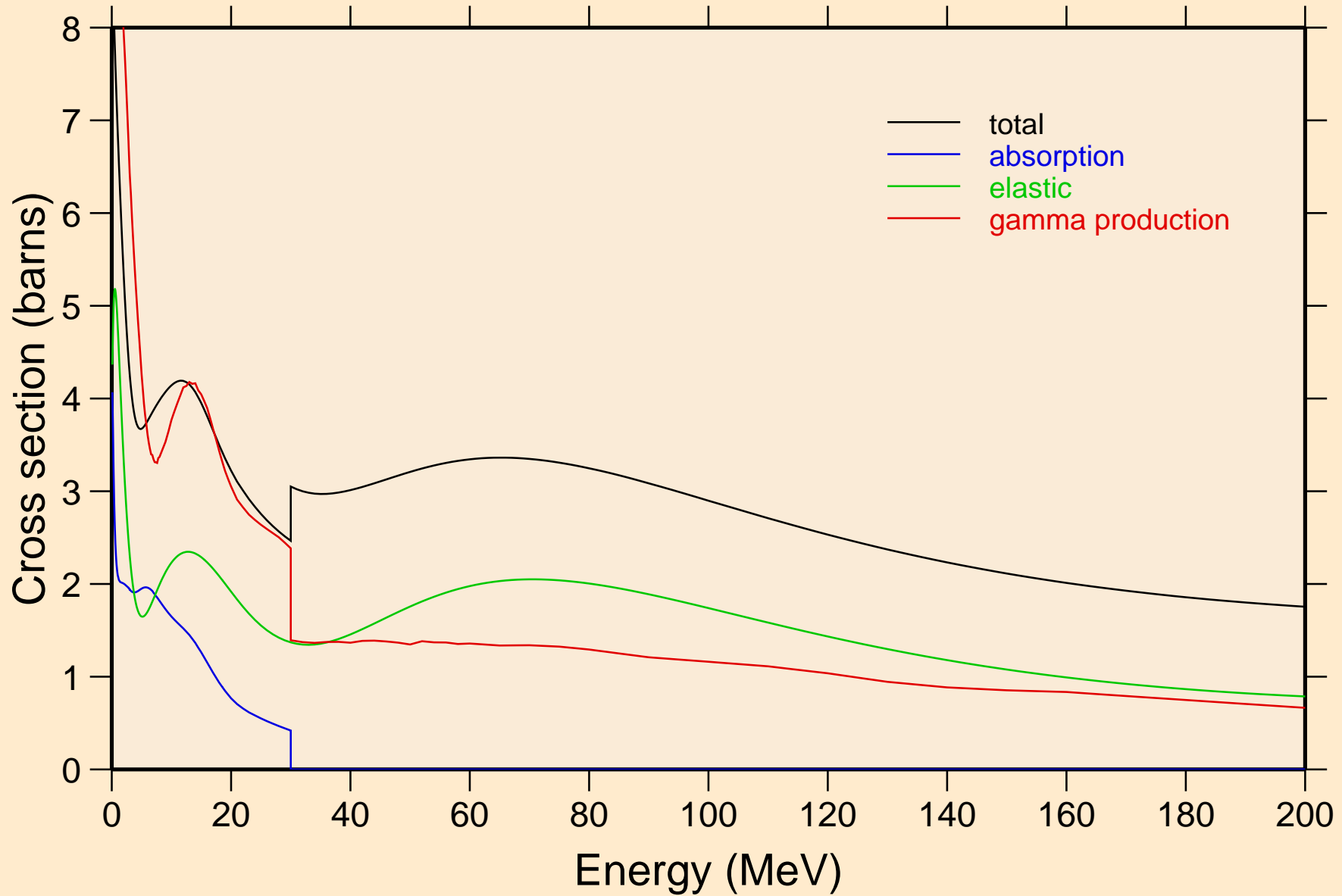


IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



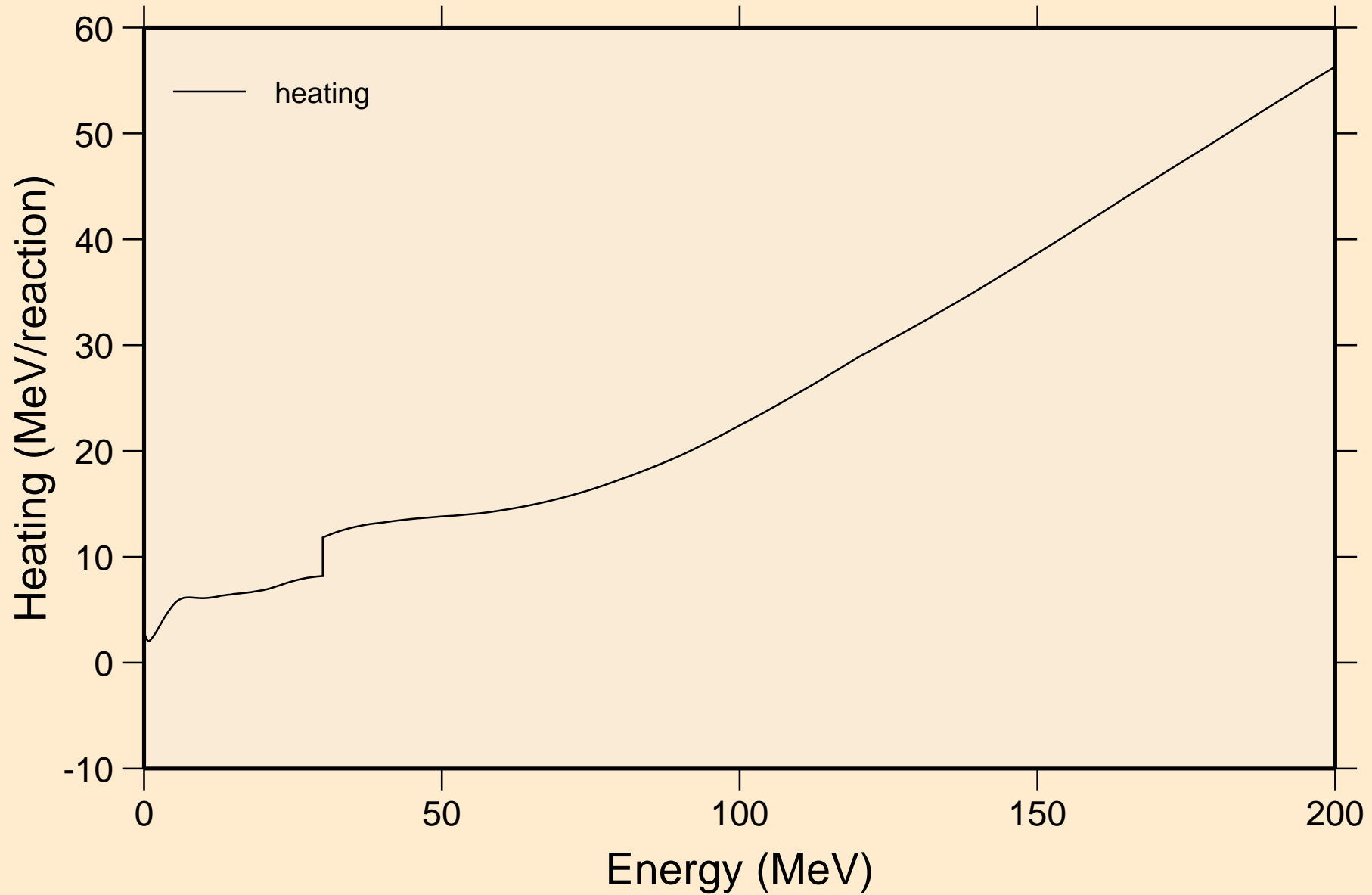
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## Principal cross sections

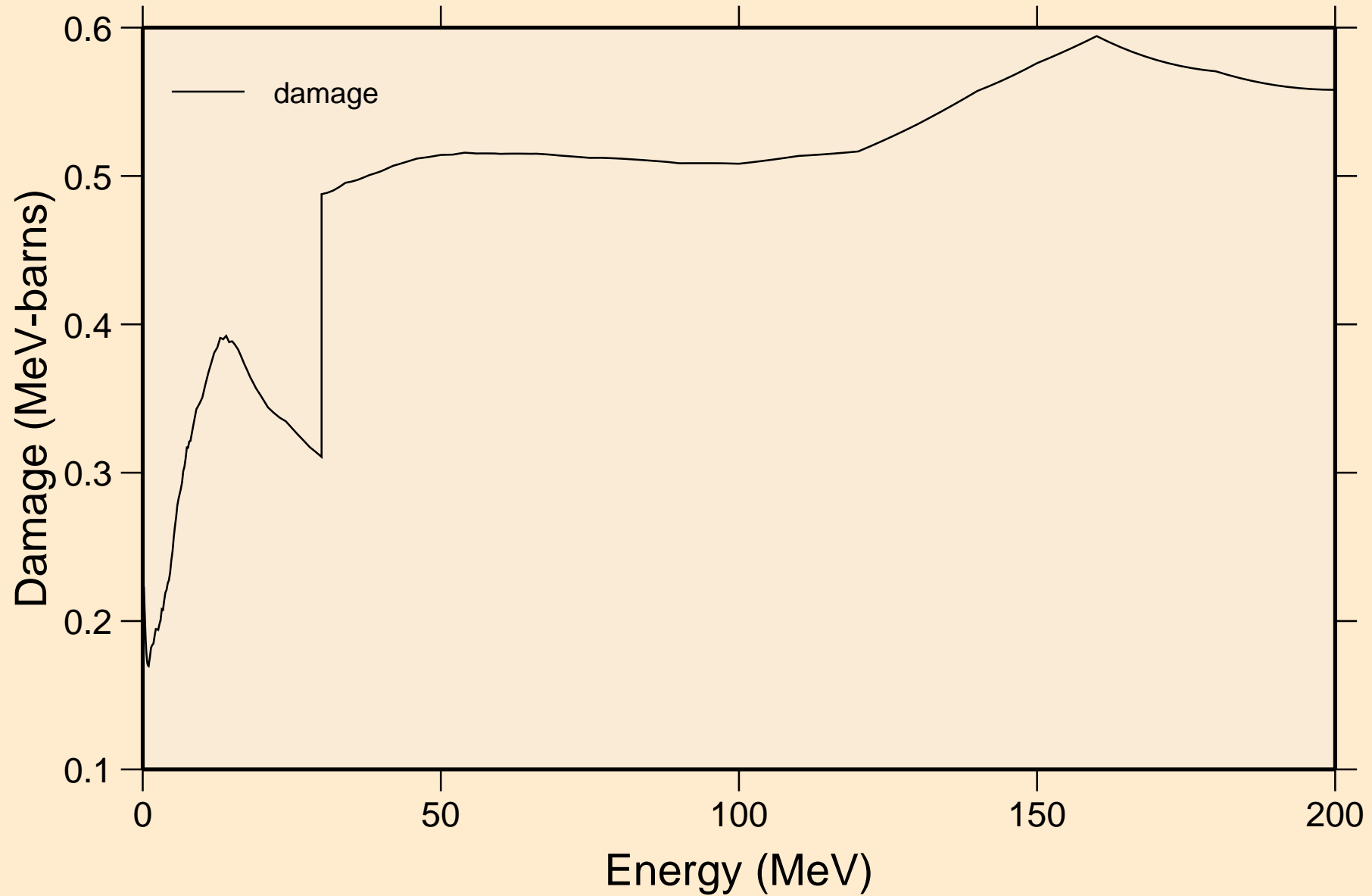


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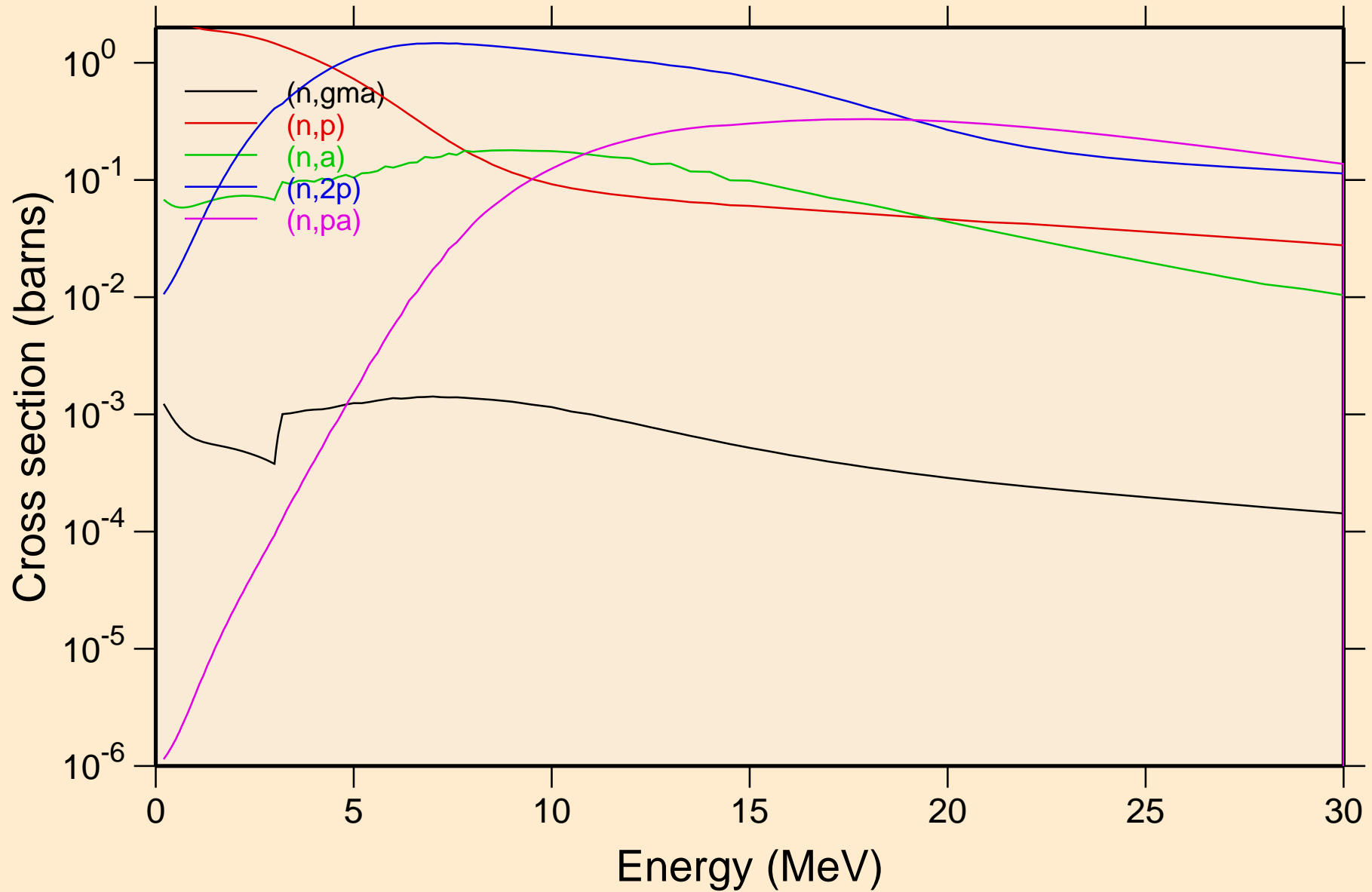
Heating



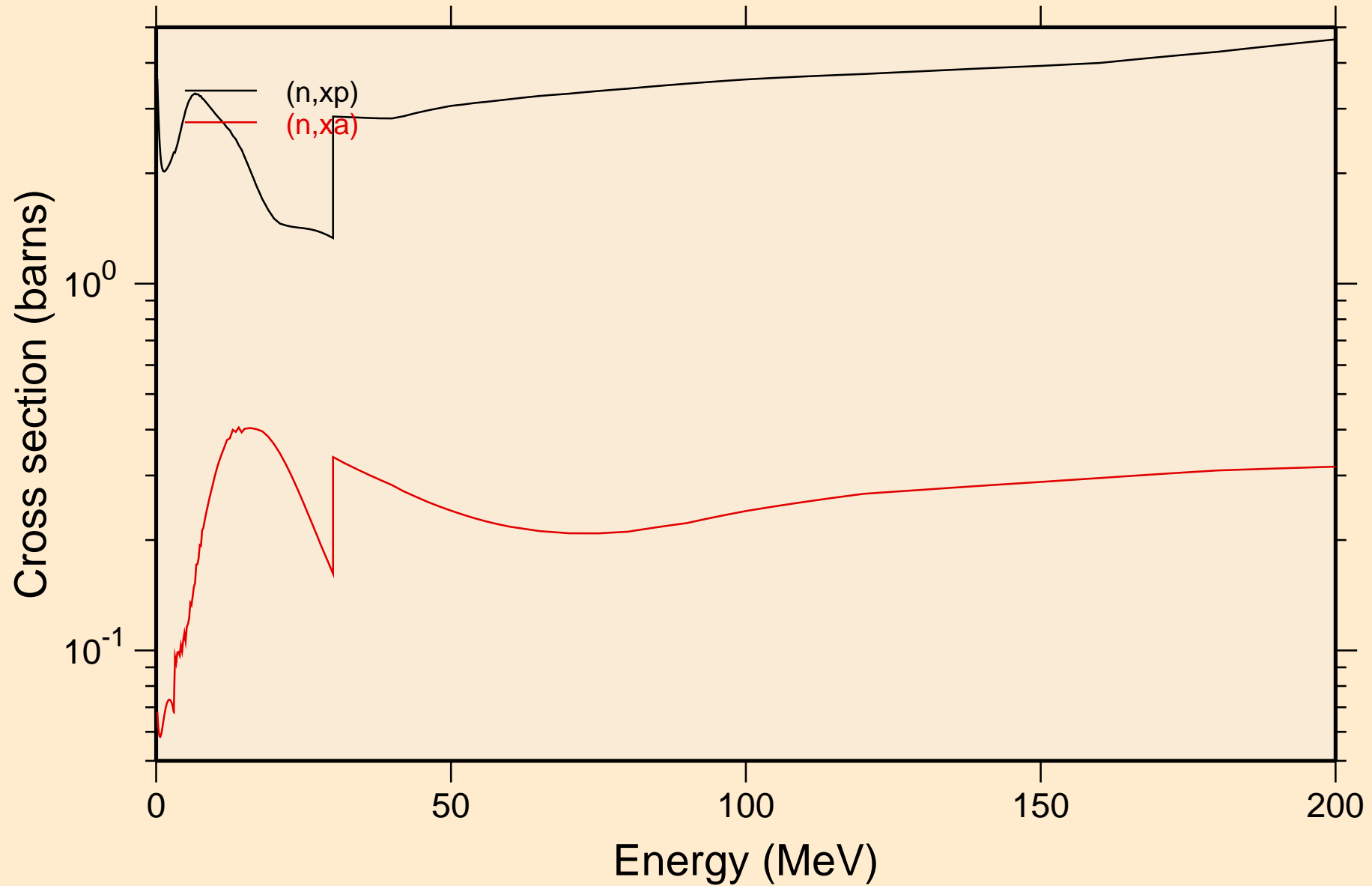
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Damage



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

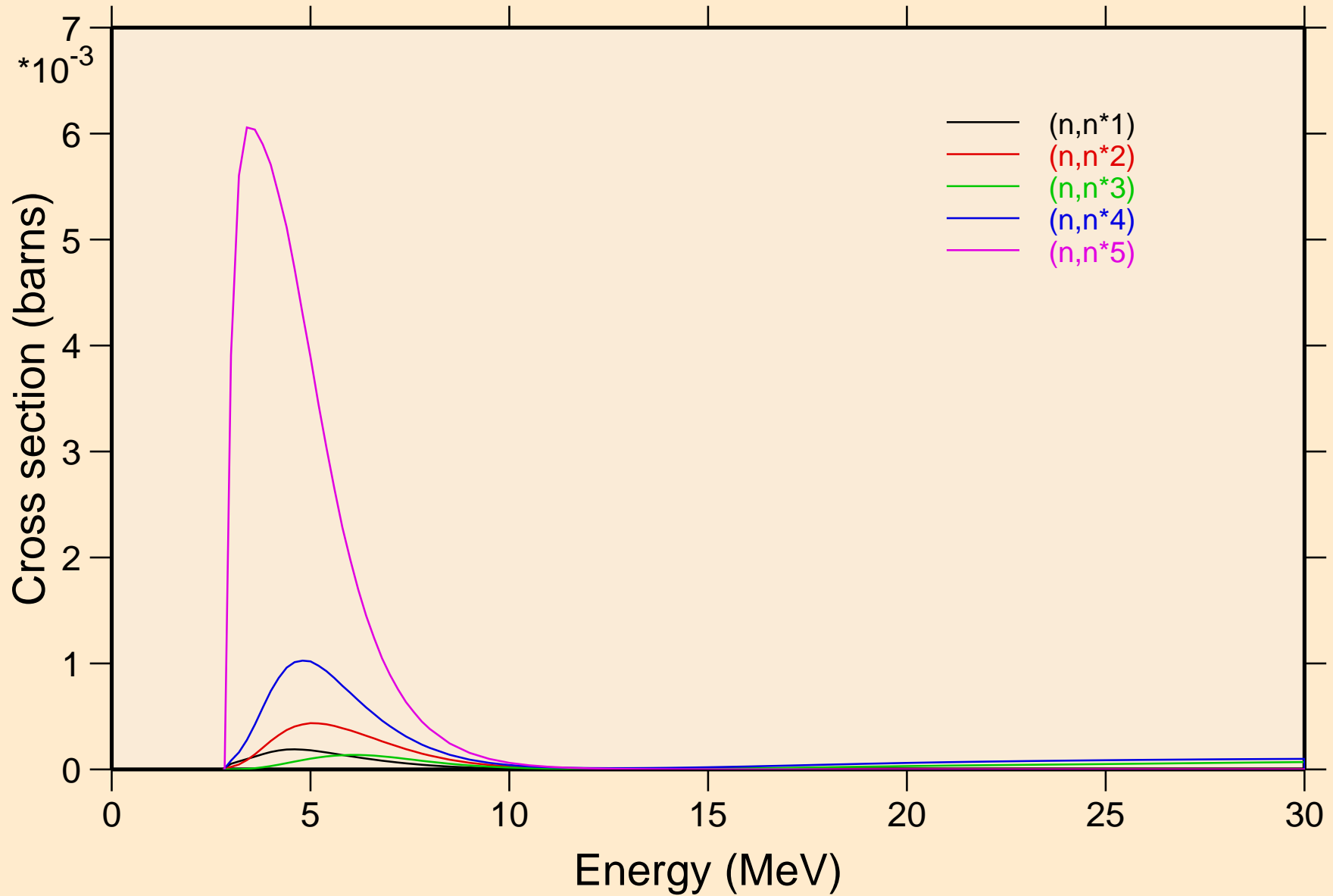


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Non-threshold reactions

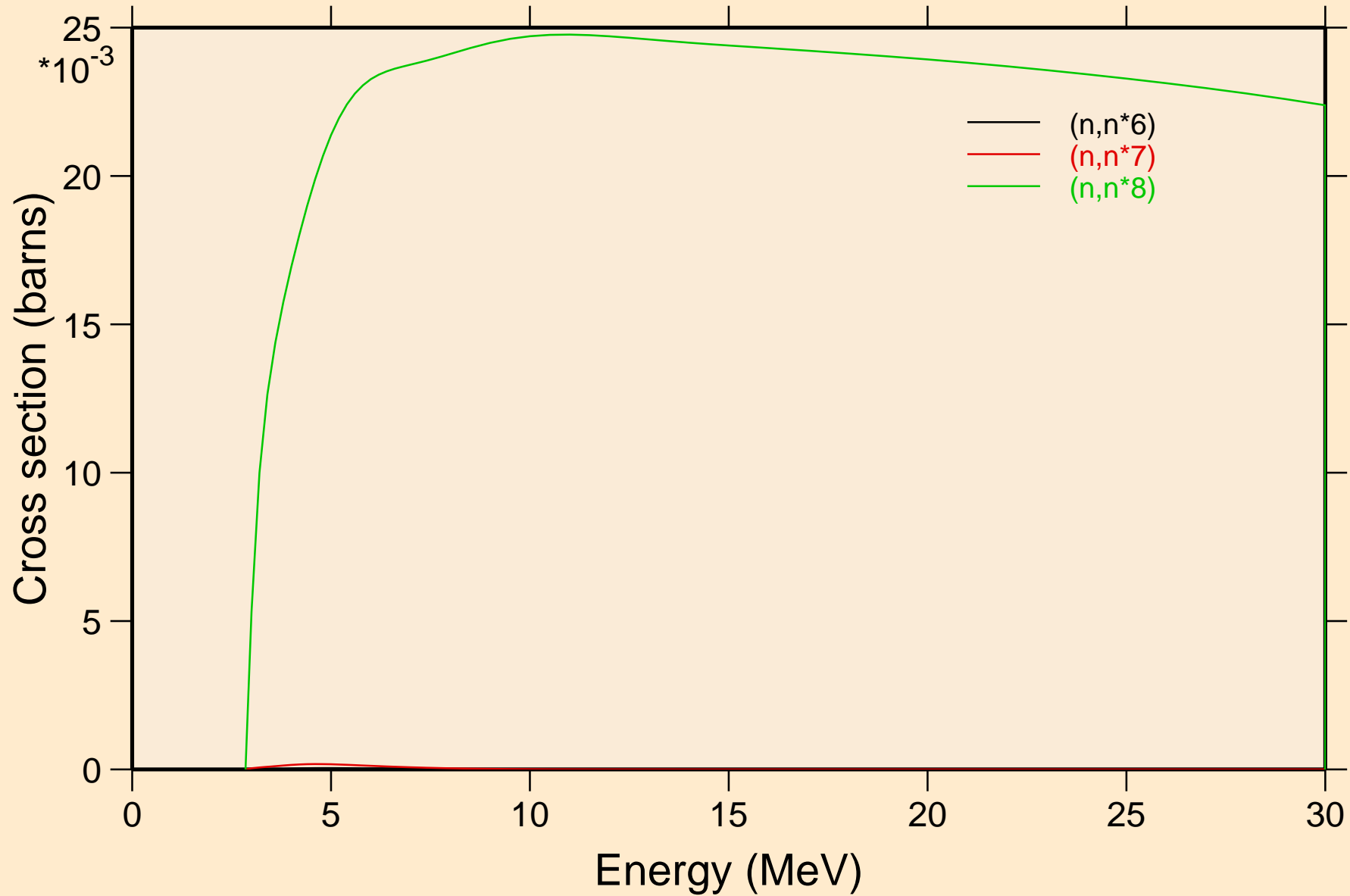




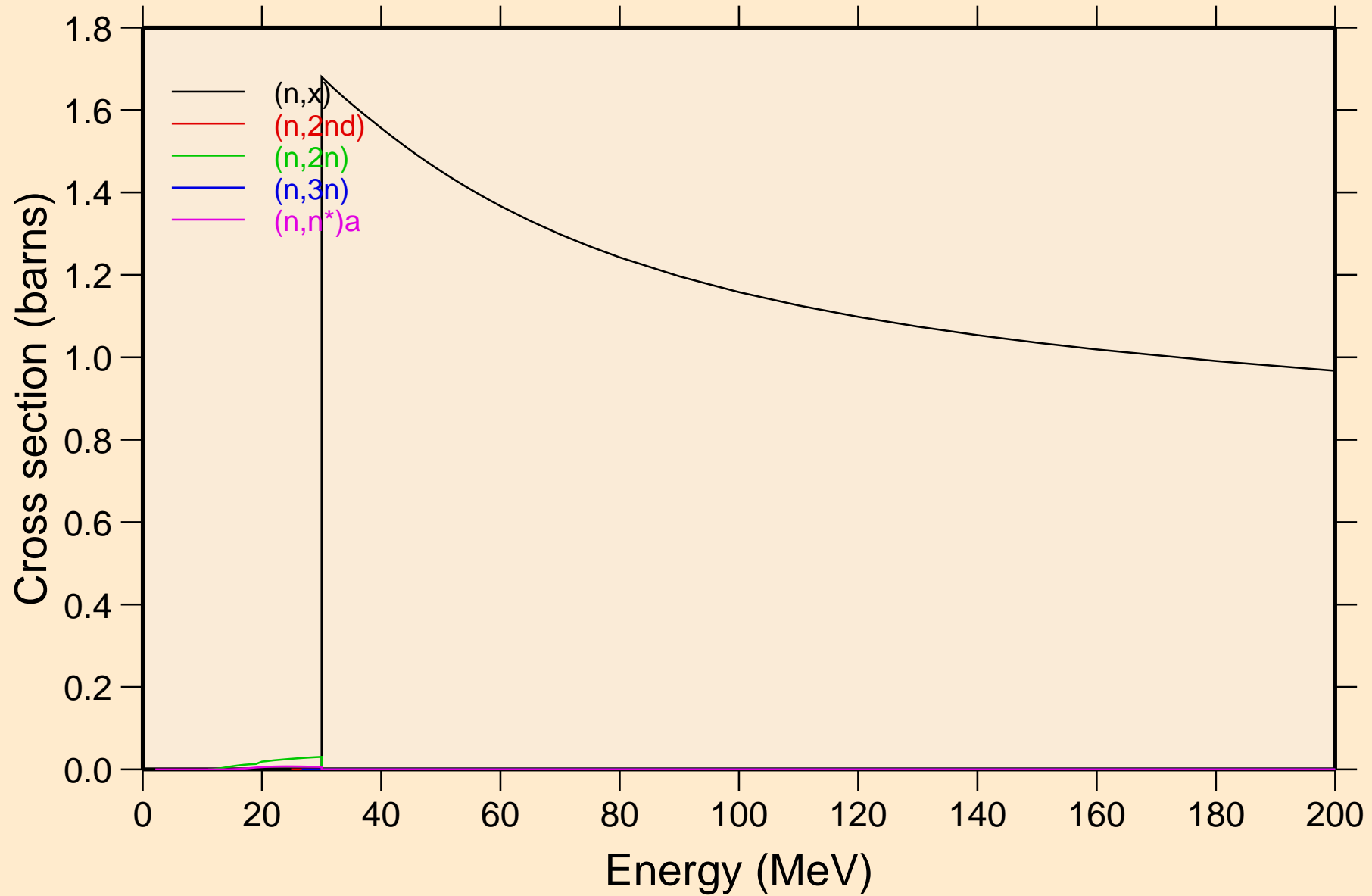
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Inelastic levels



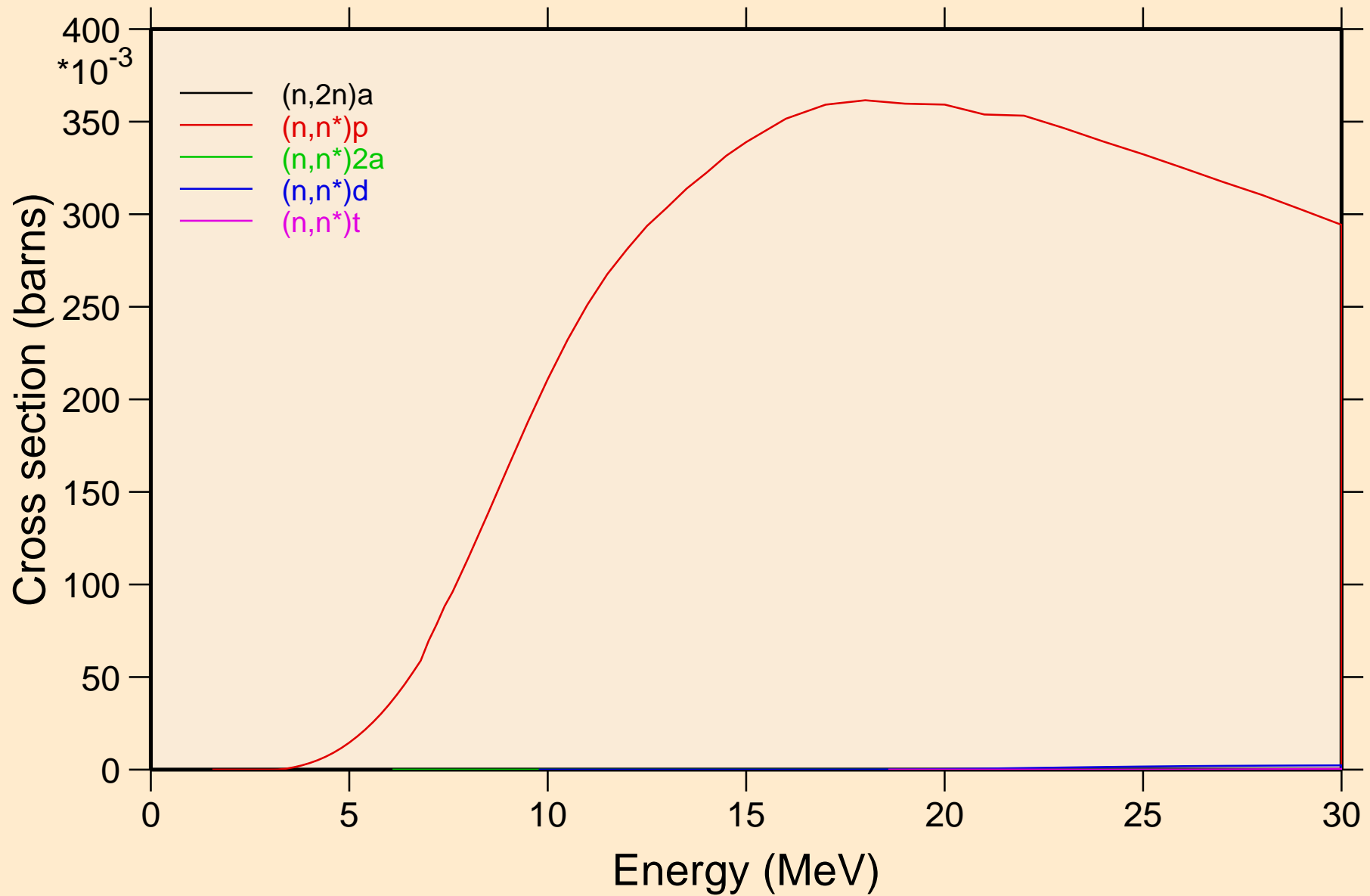
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Inelastic levels



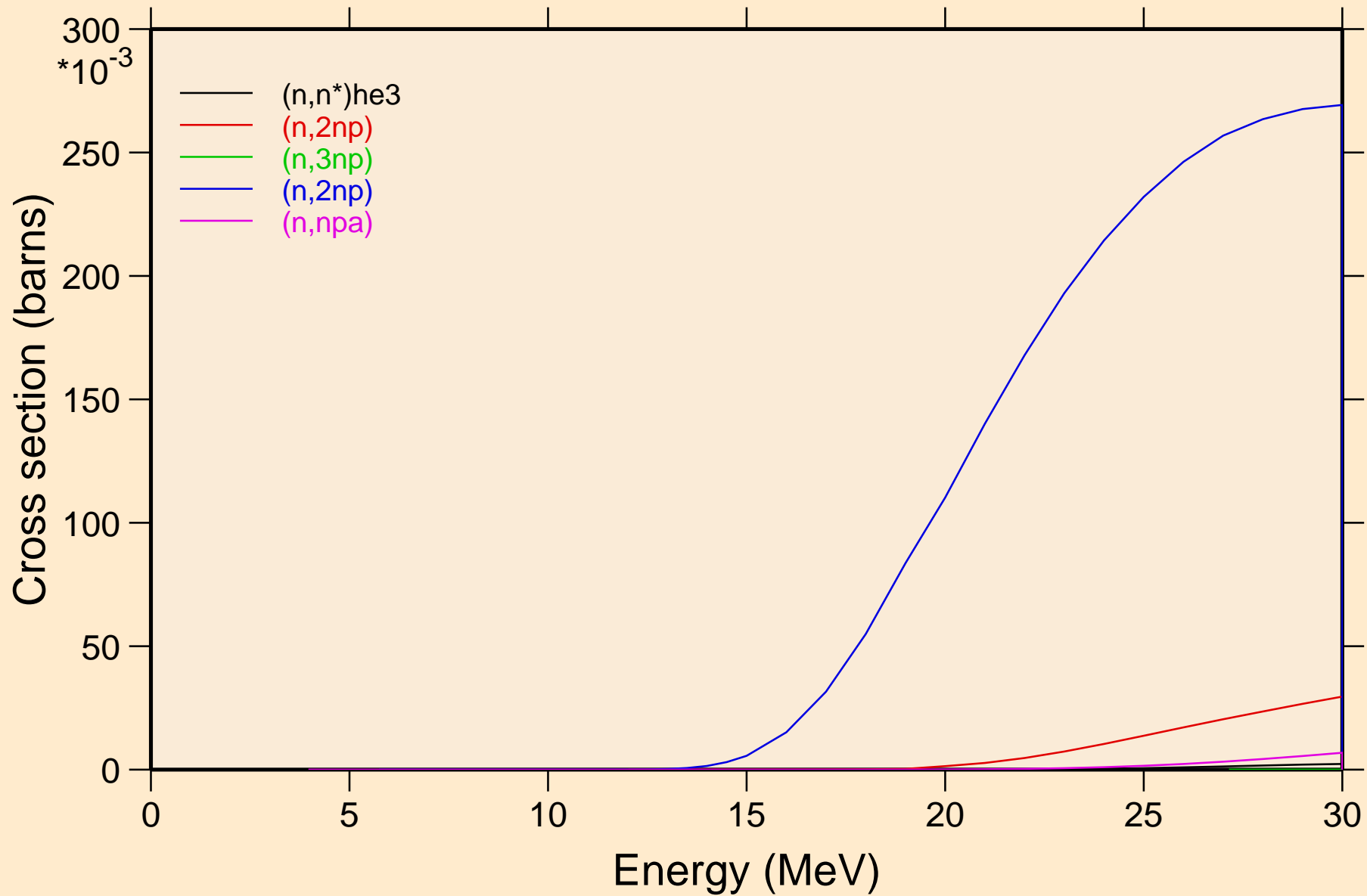
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Threshold reactions



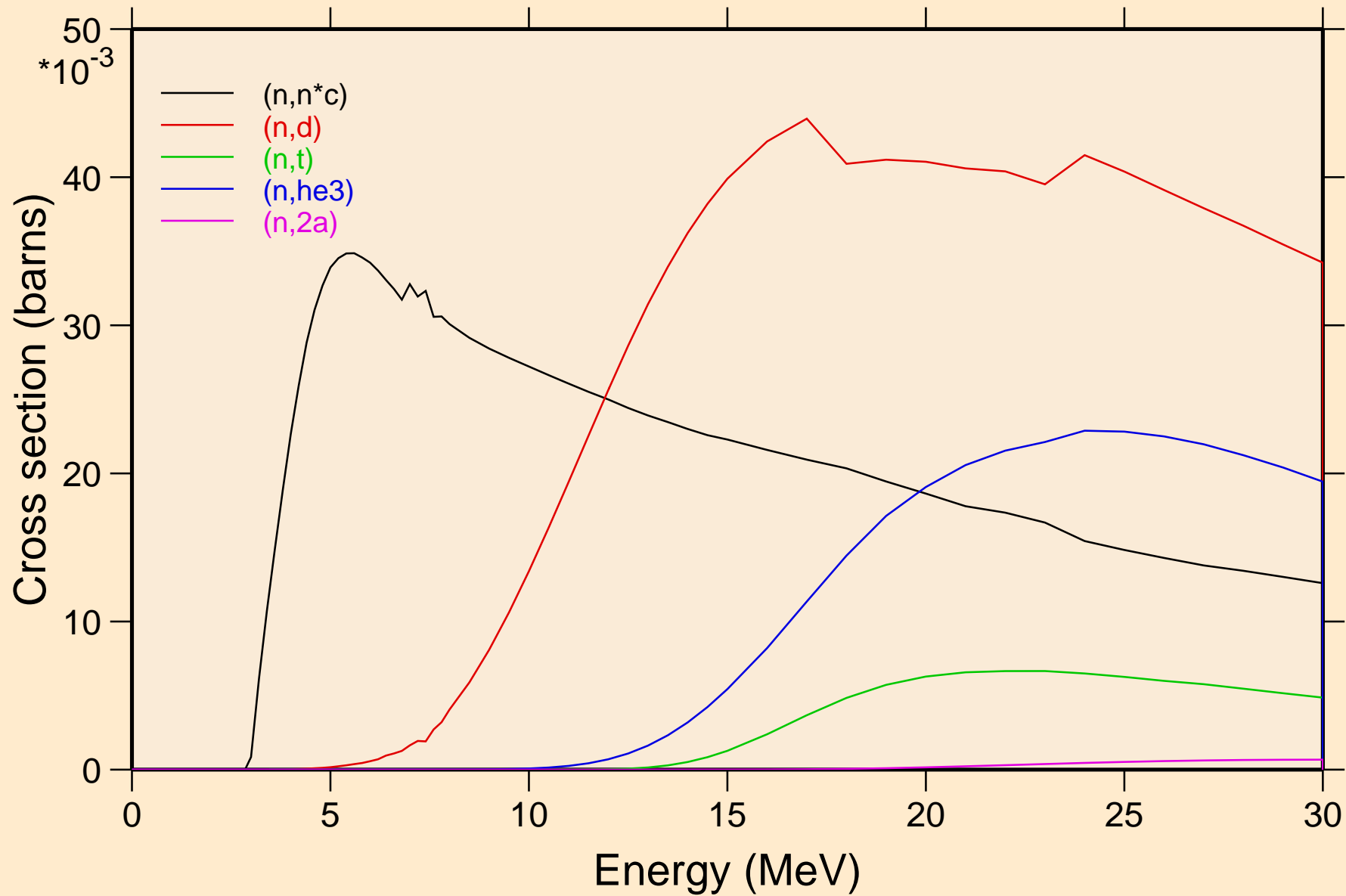
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Threshold reactions



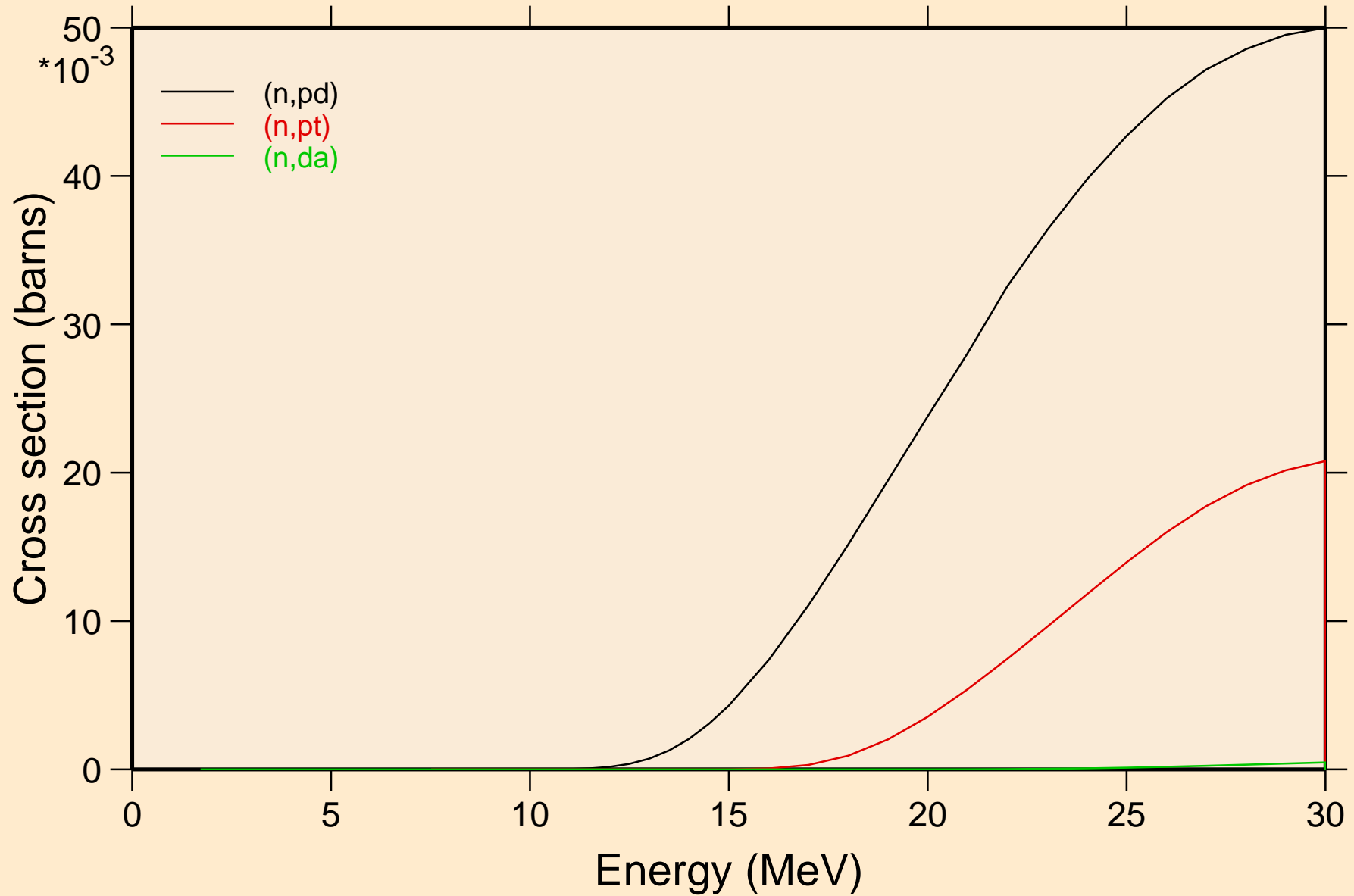
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Threshold reactions



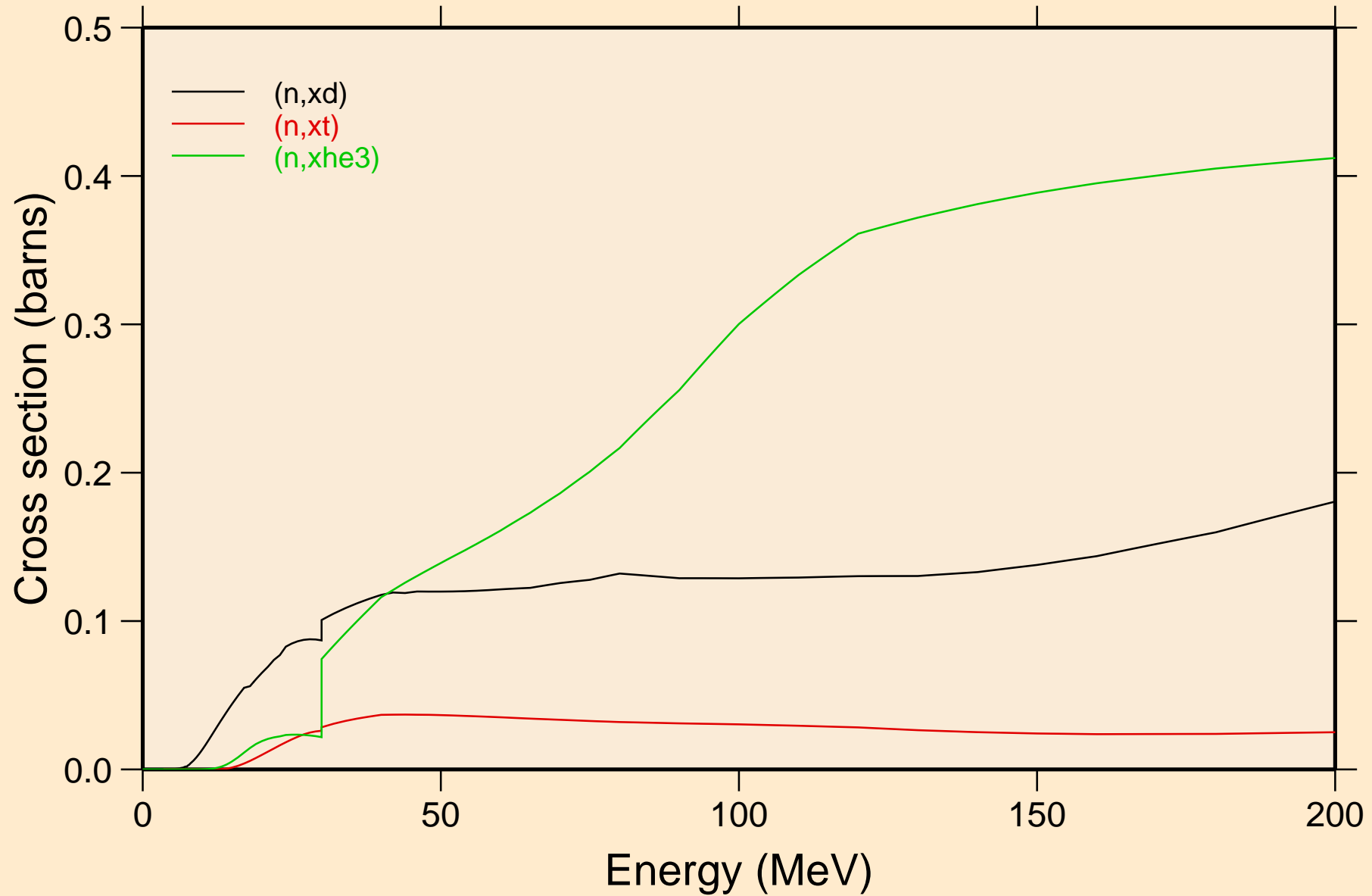
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

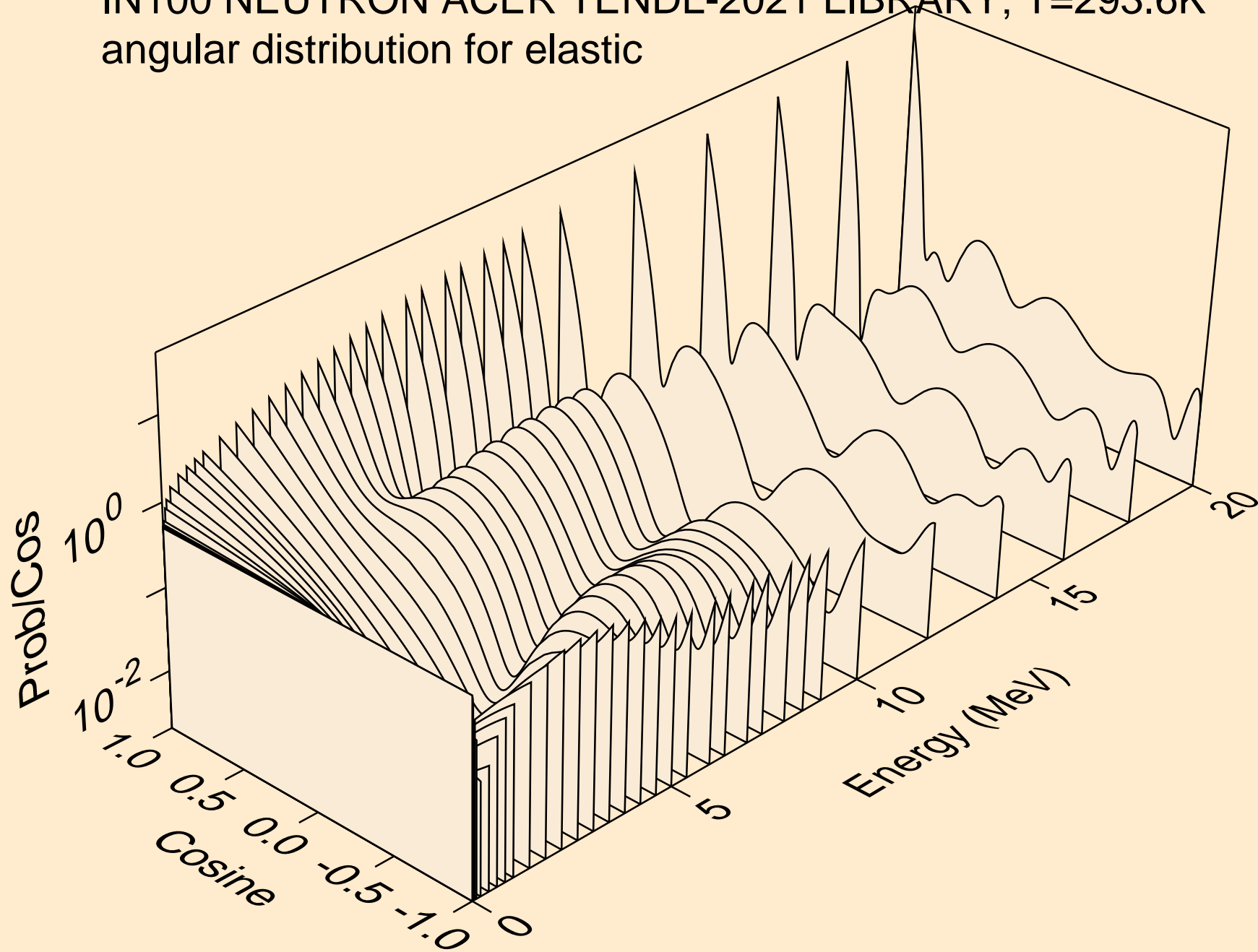


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Threshold reactions

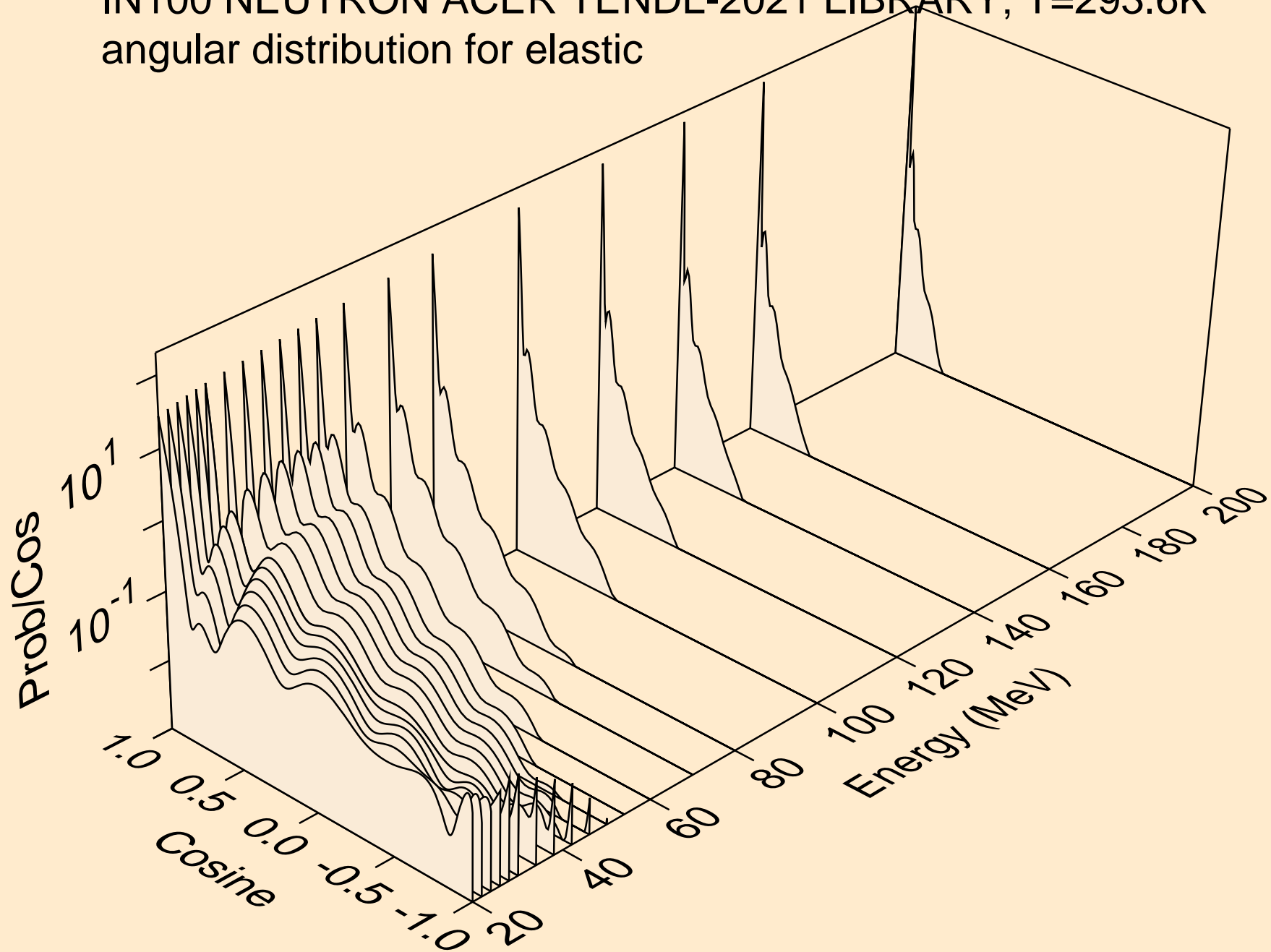




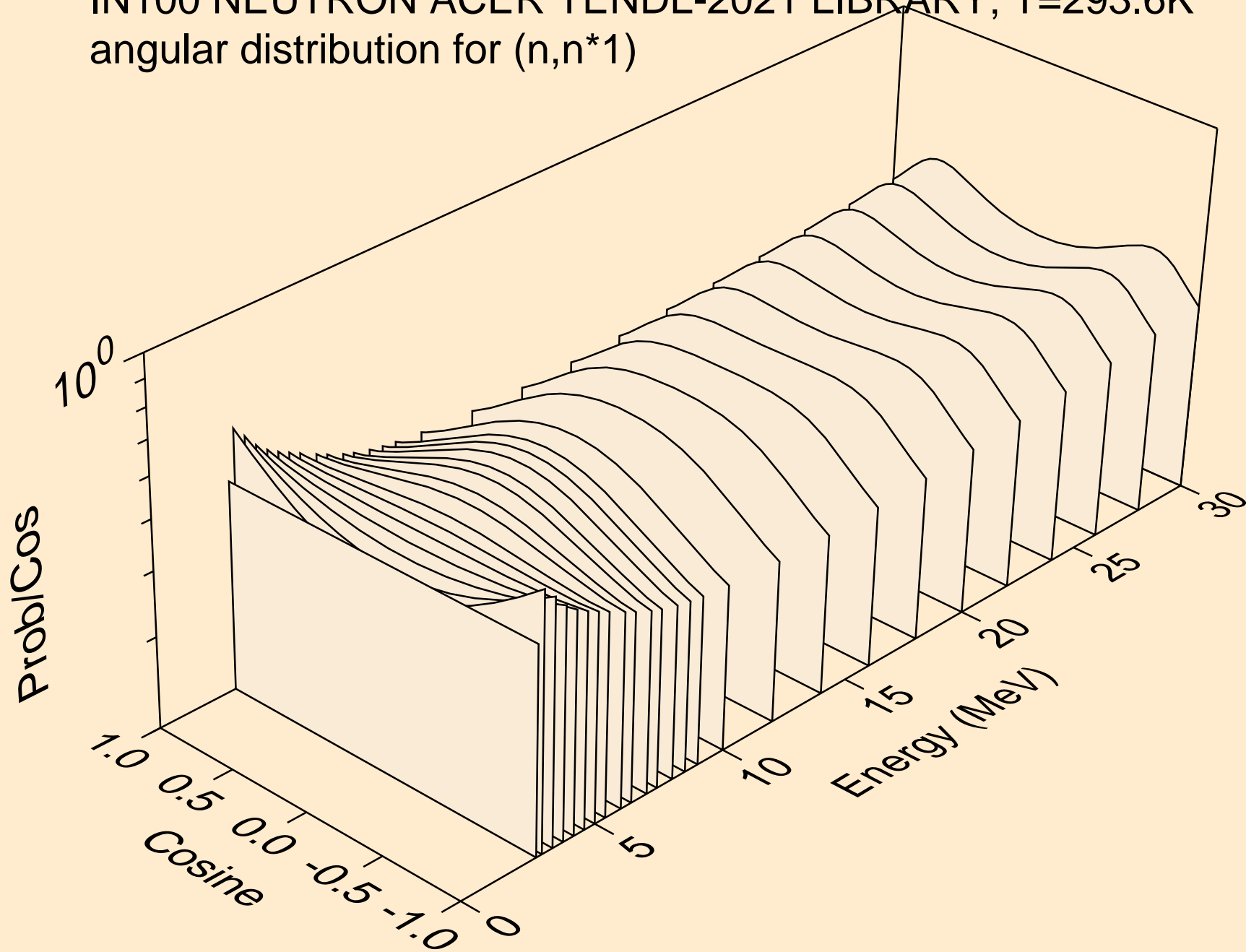
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angular distribution for elastic



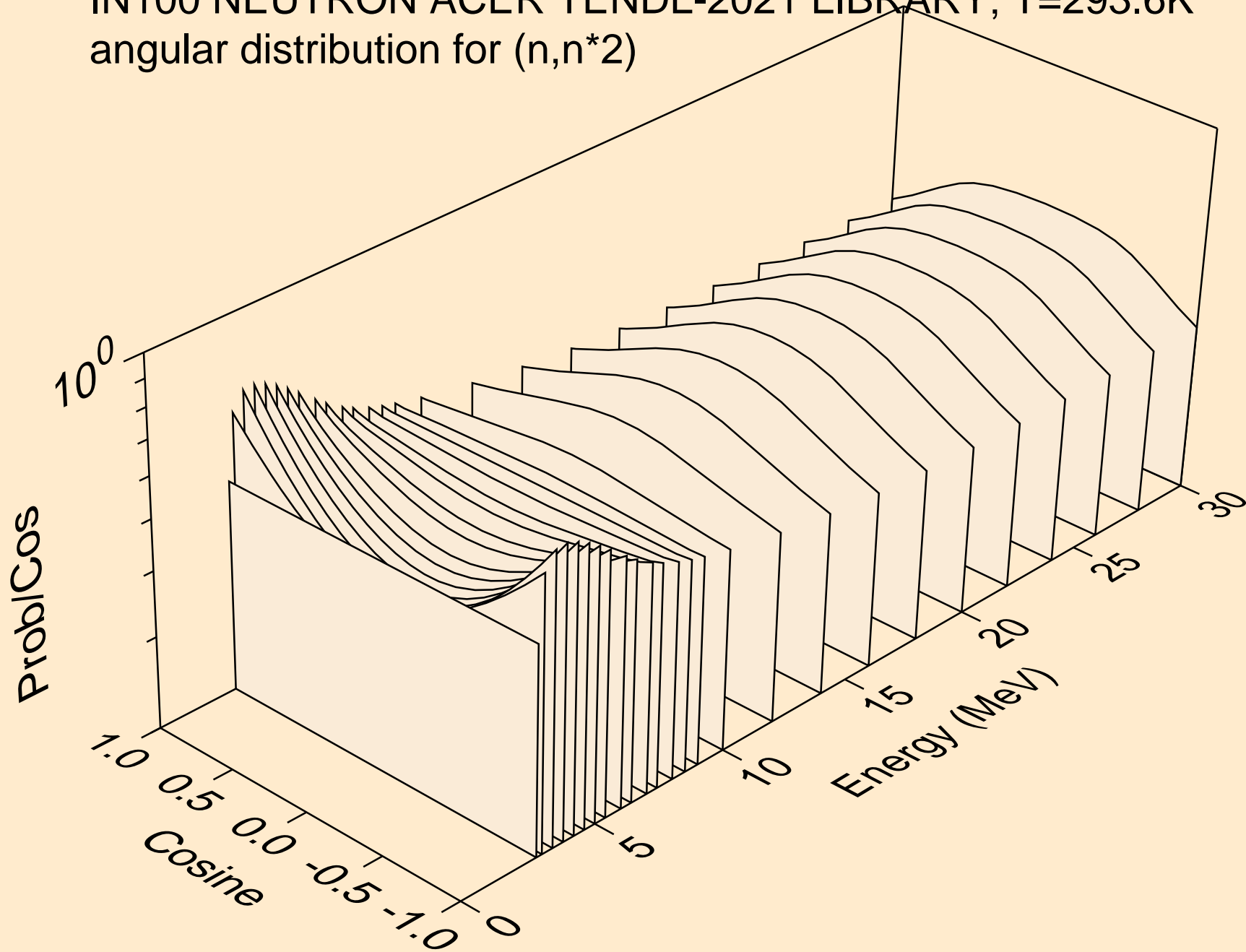
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angular distribution for elastic



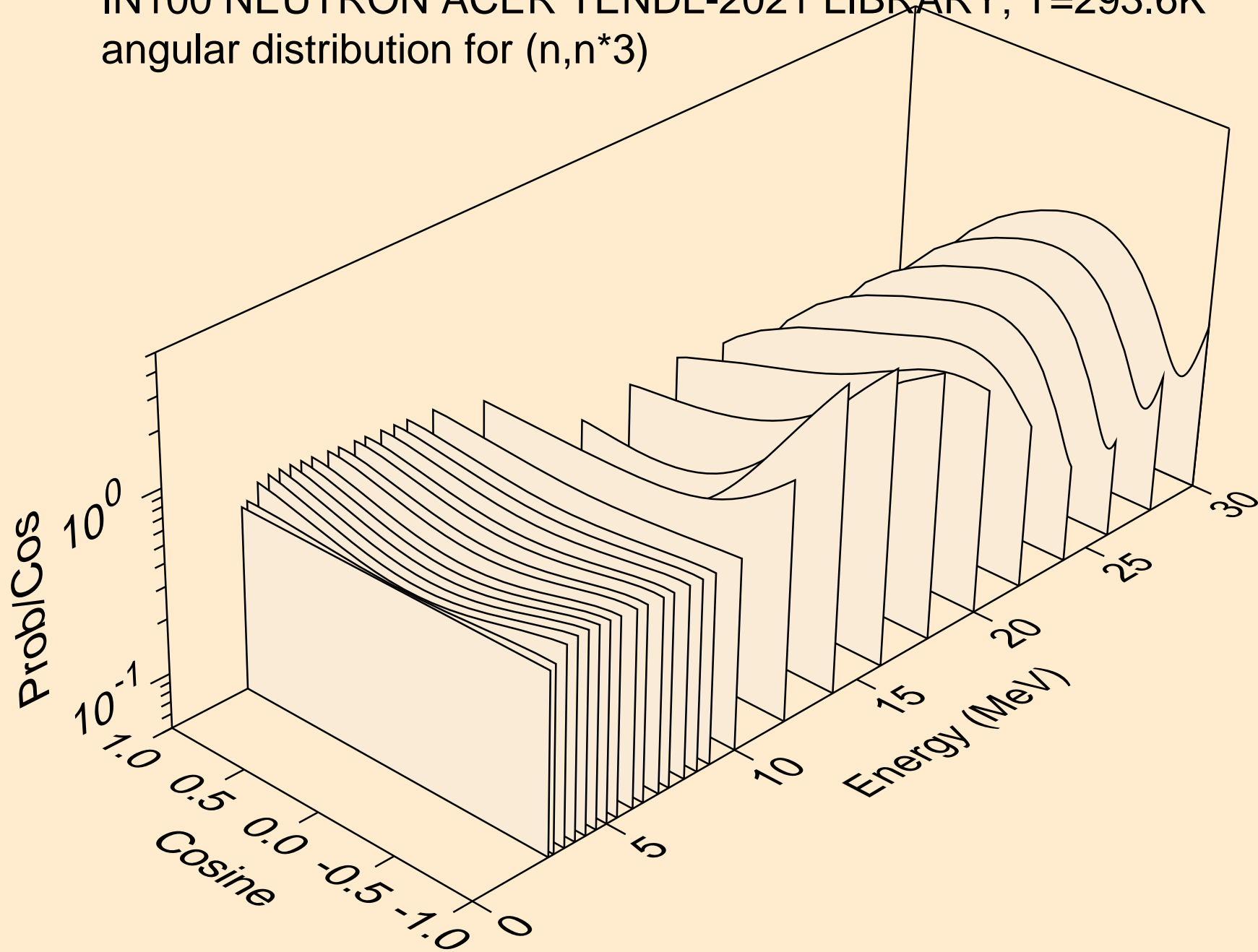
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angular distribution for (n,n\*1)



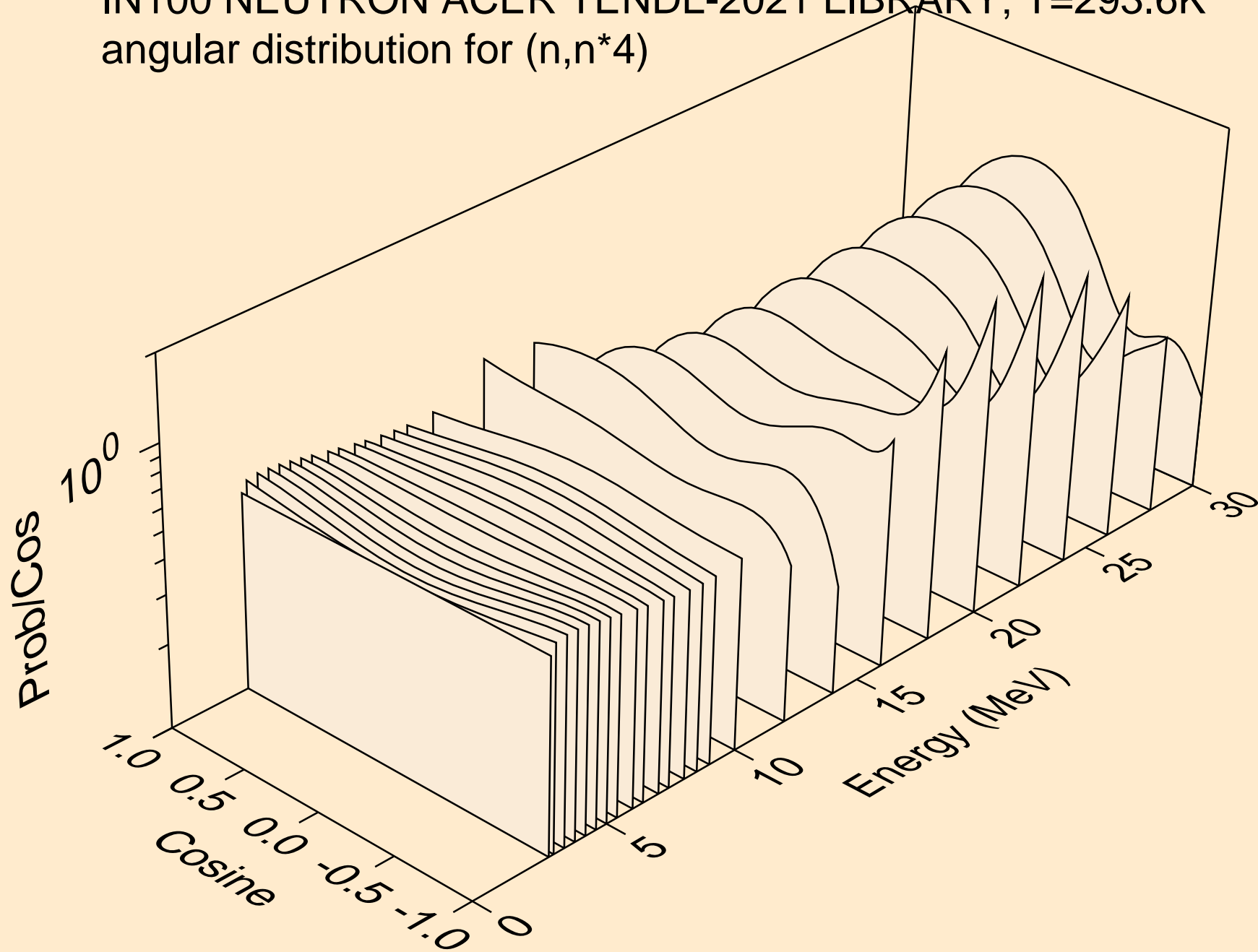
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angular distribution for (n,n\*2)



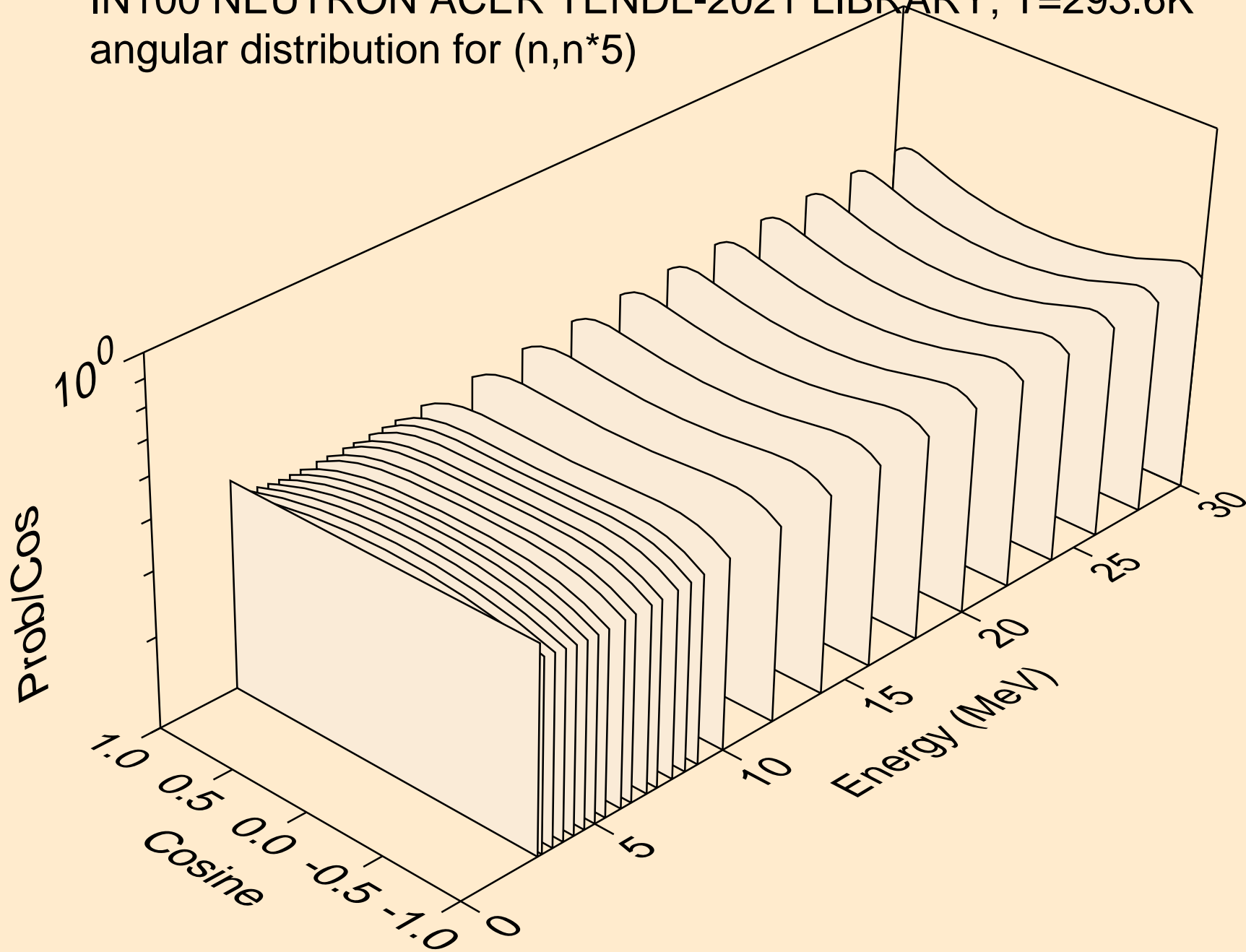
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angular distribution for (n,n\*3)



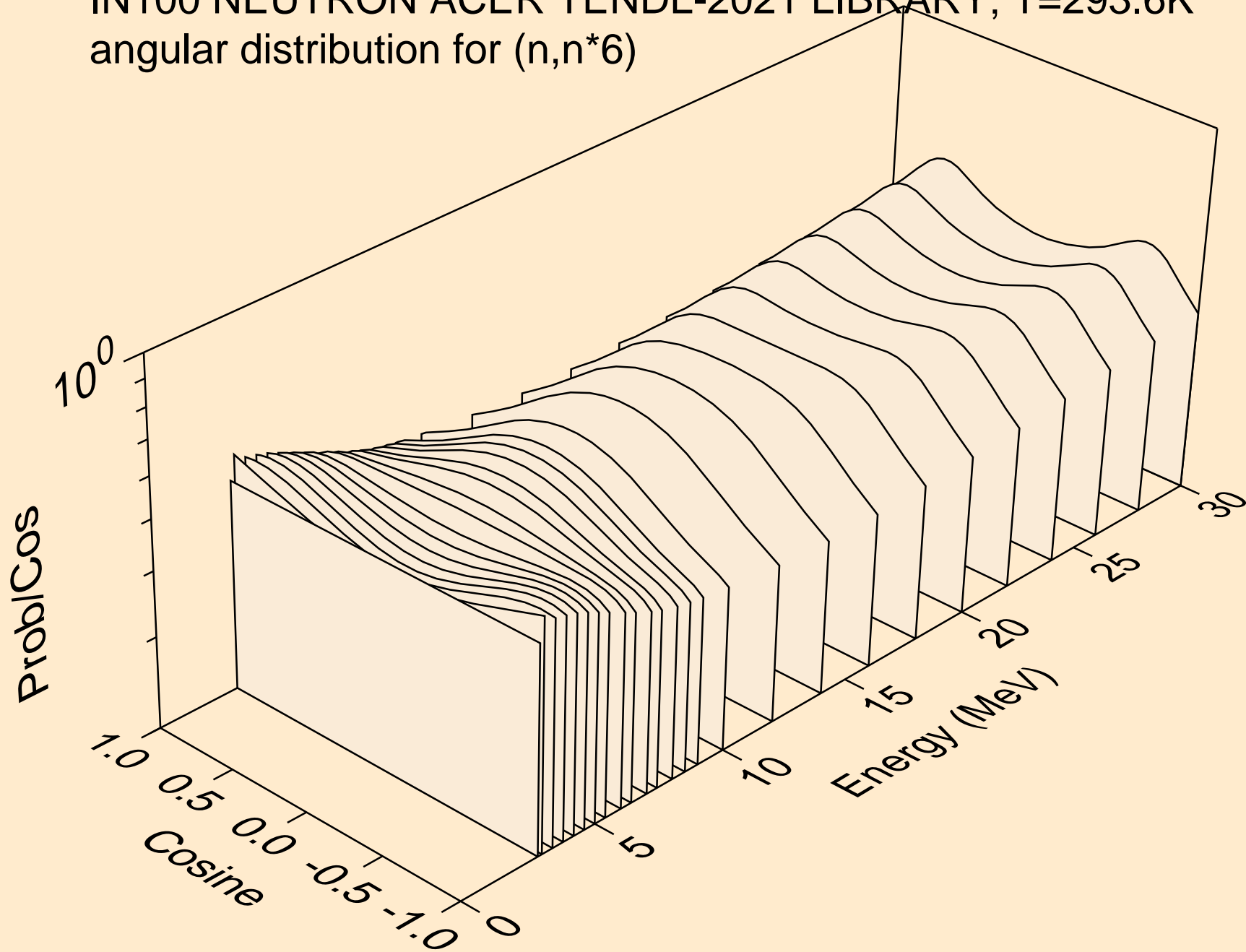
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angular distribution for (n,n\*4)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

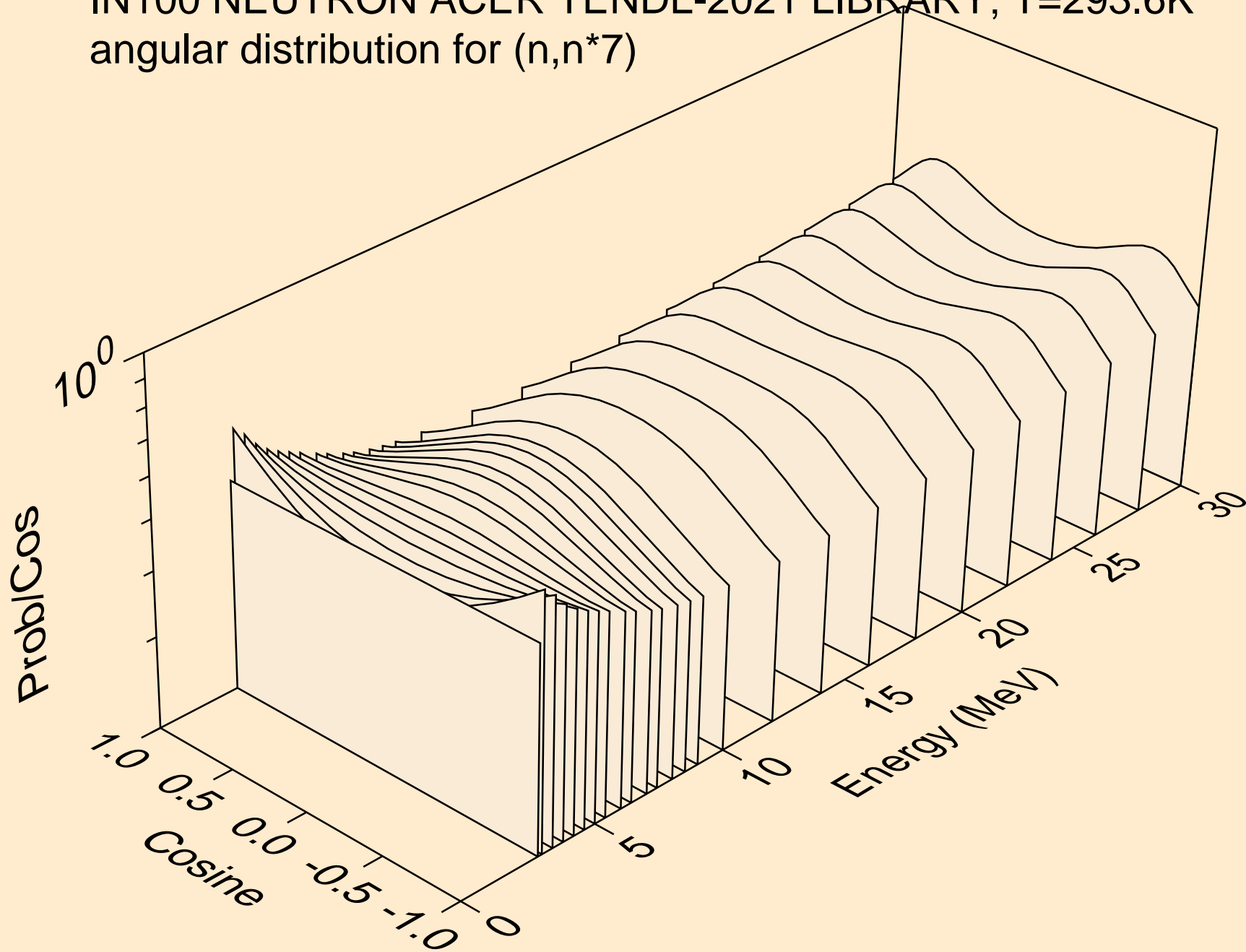


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angular distribution for (n,n\*6)

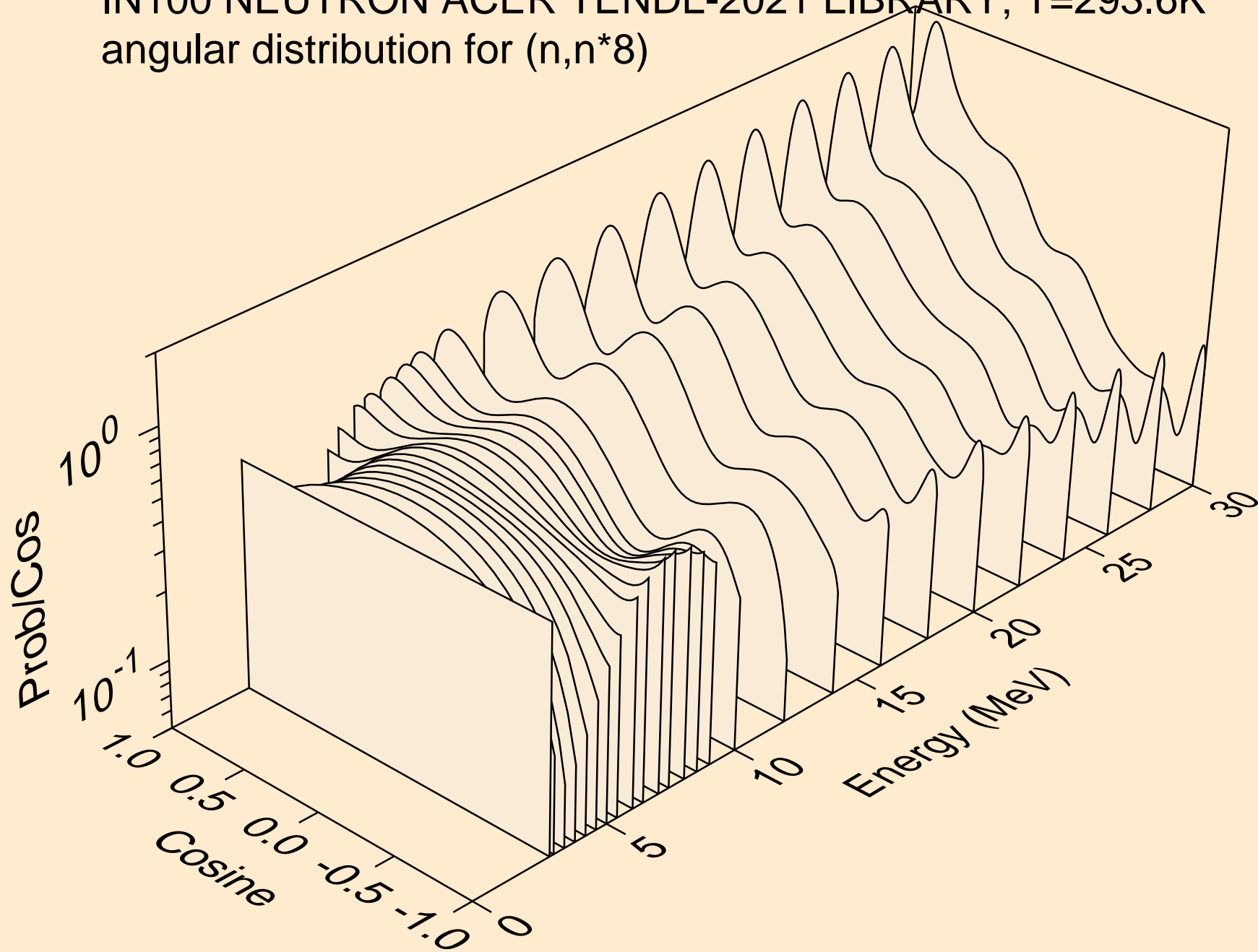




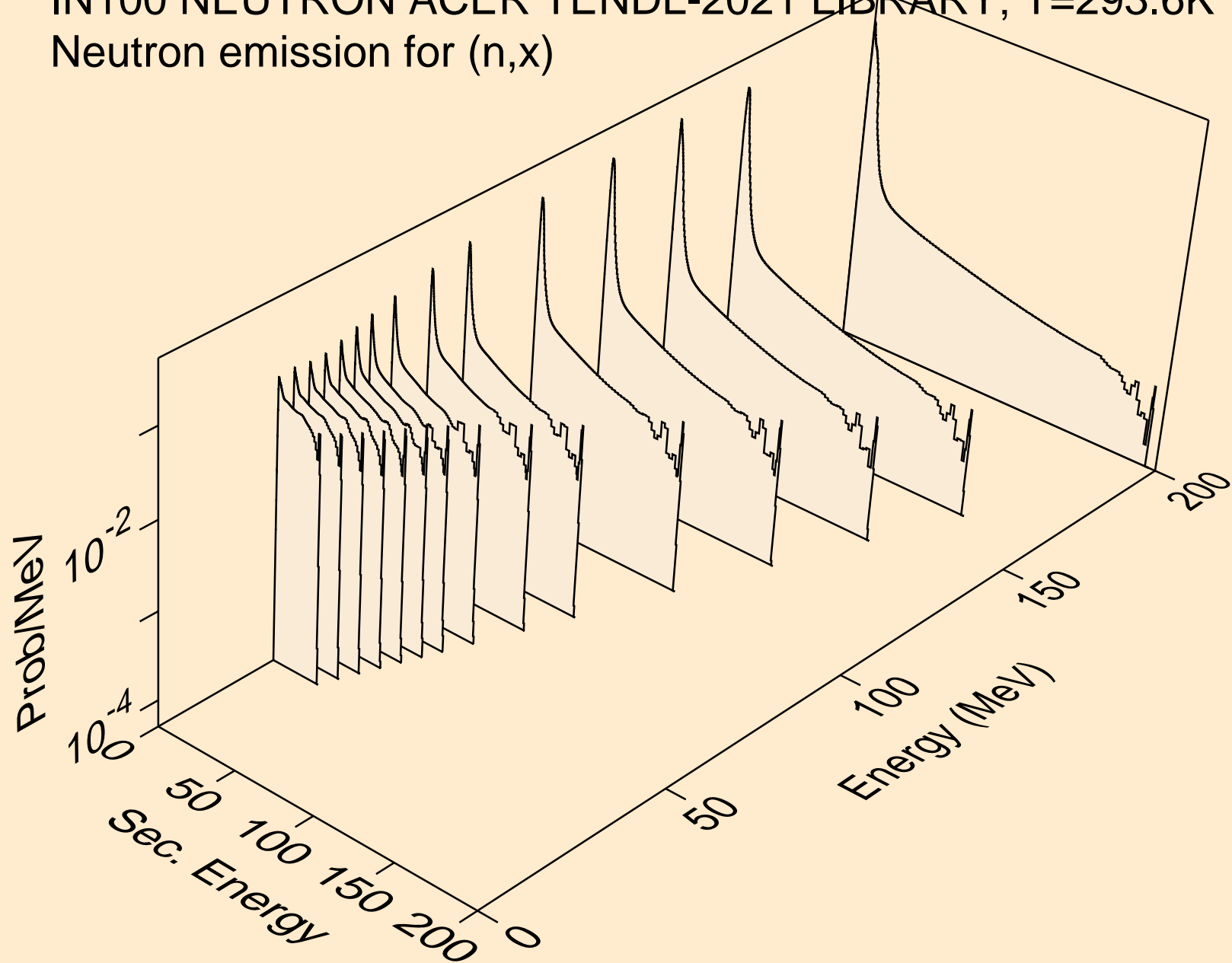
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angular distribution for (n,n\*7)



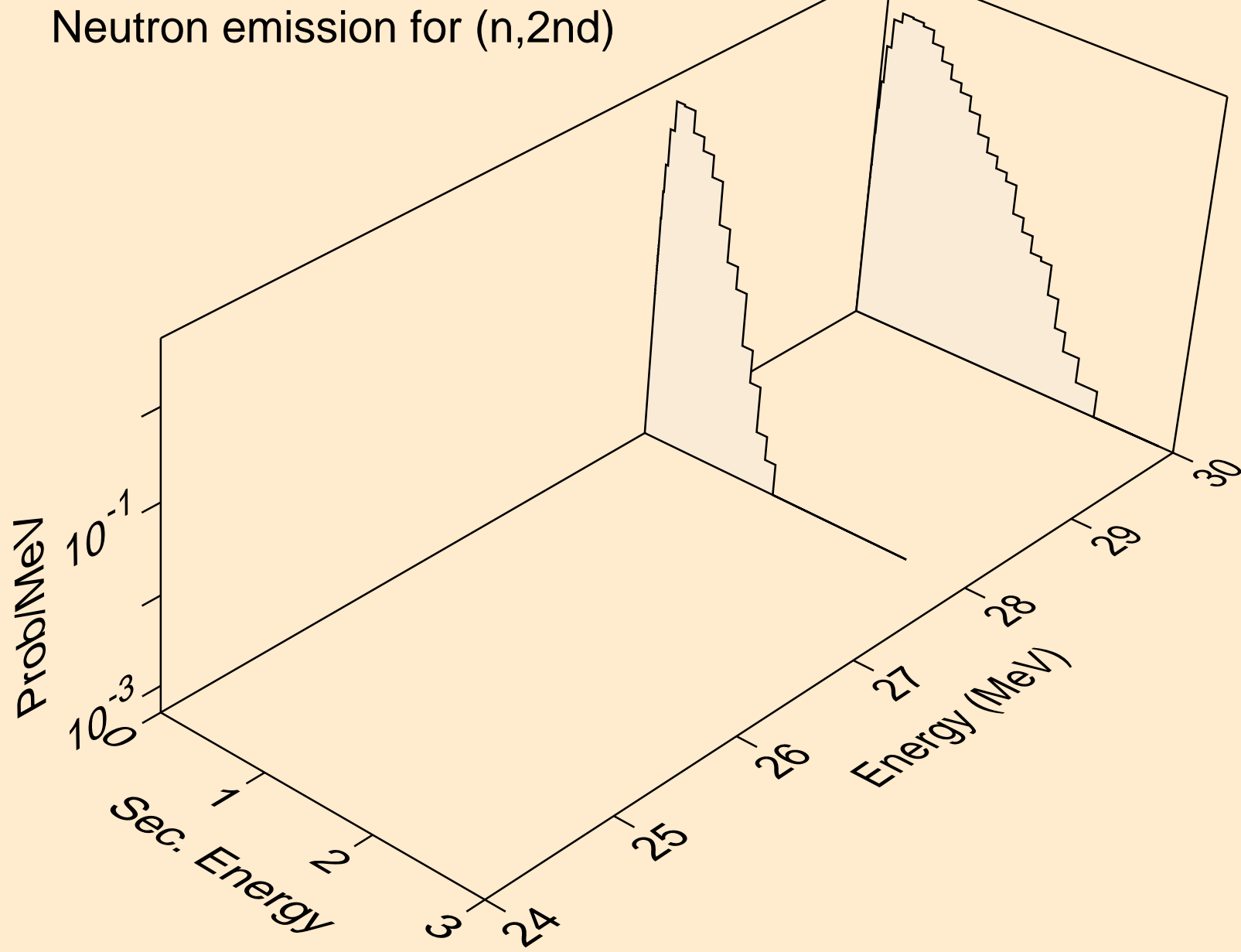
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angular distribution for (n,n\*8)



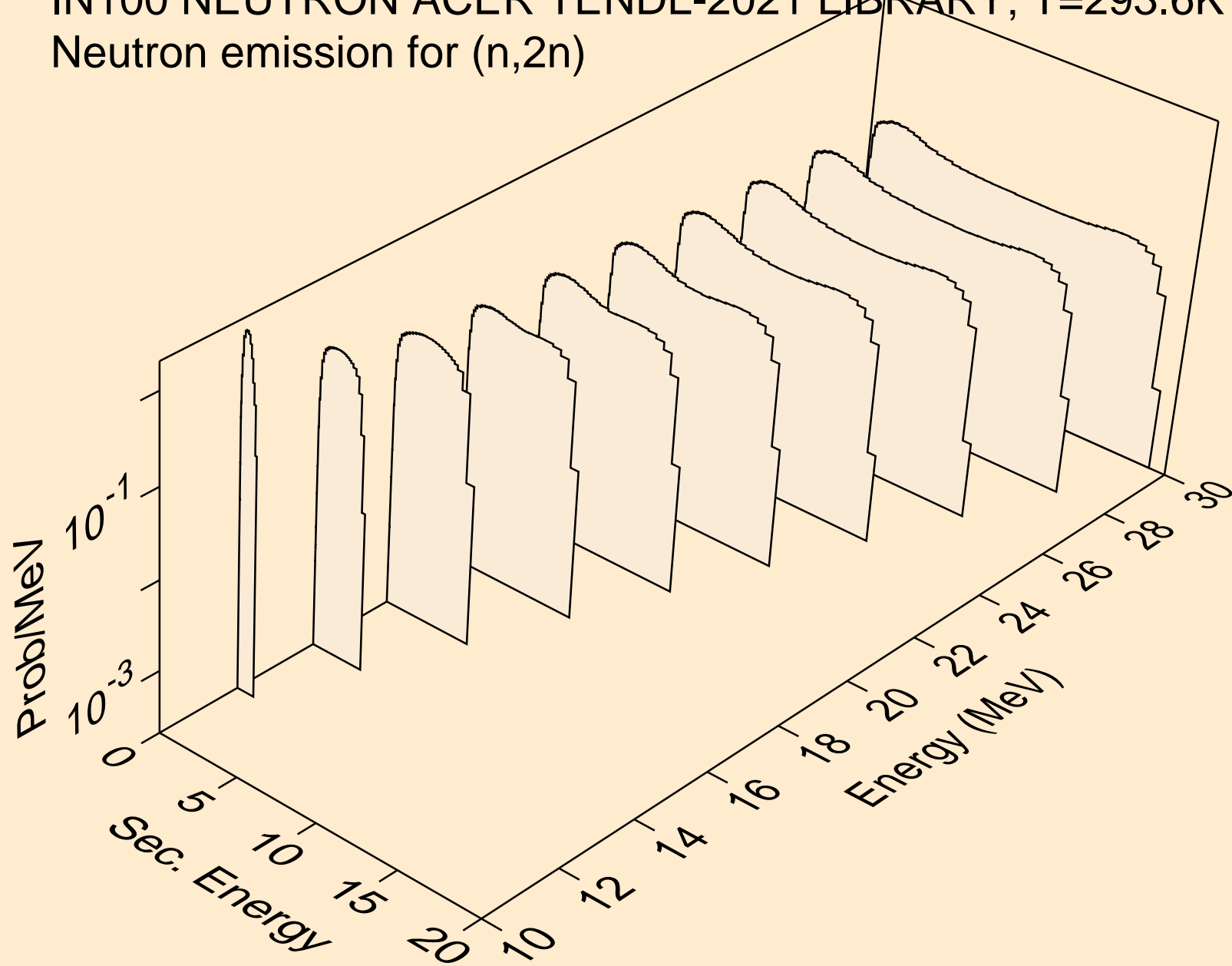
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Neutron emission for (n,x)



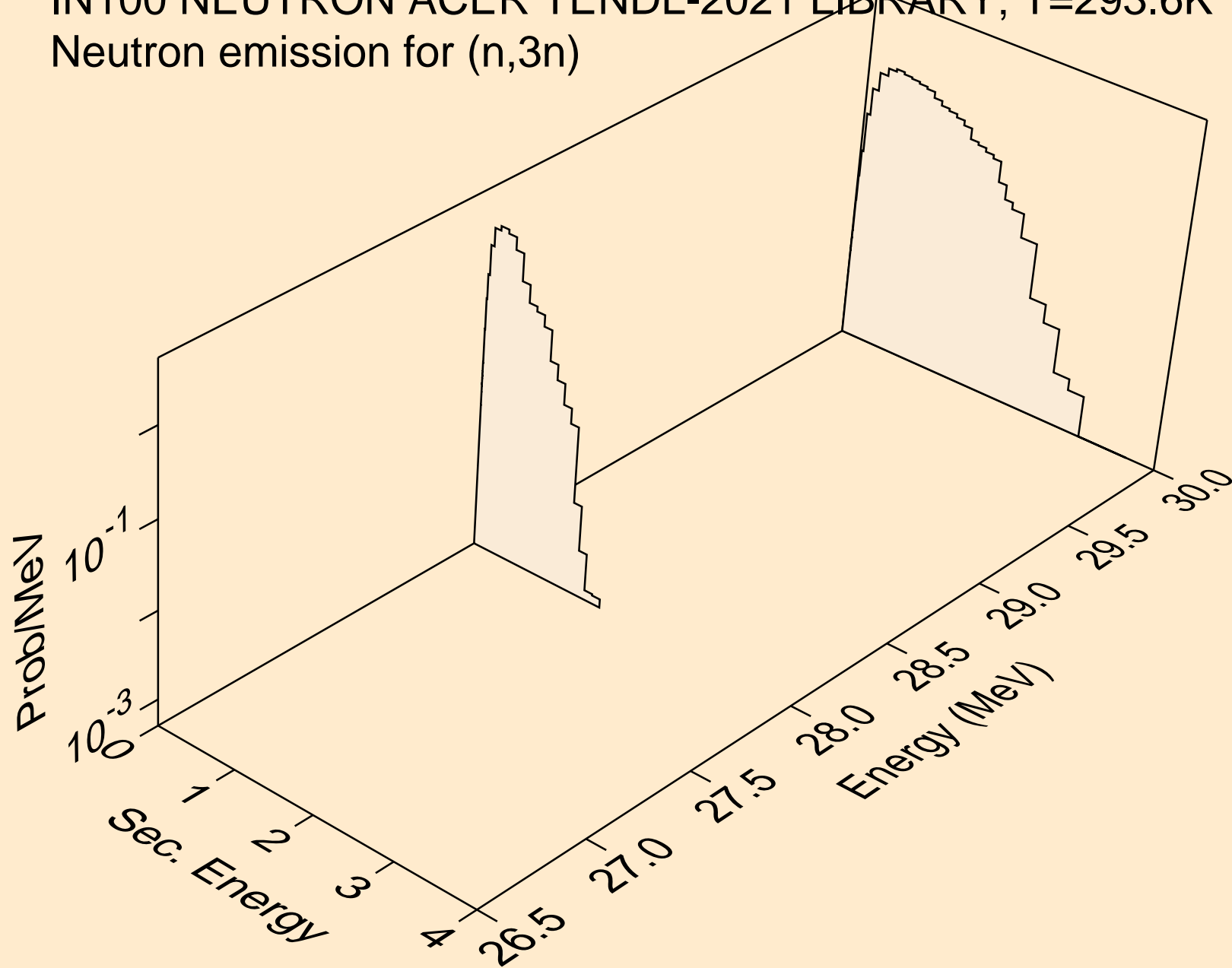
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Neutron emission for (n,2nd)



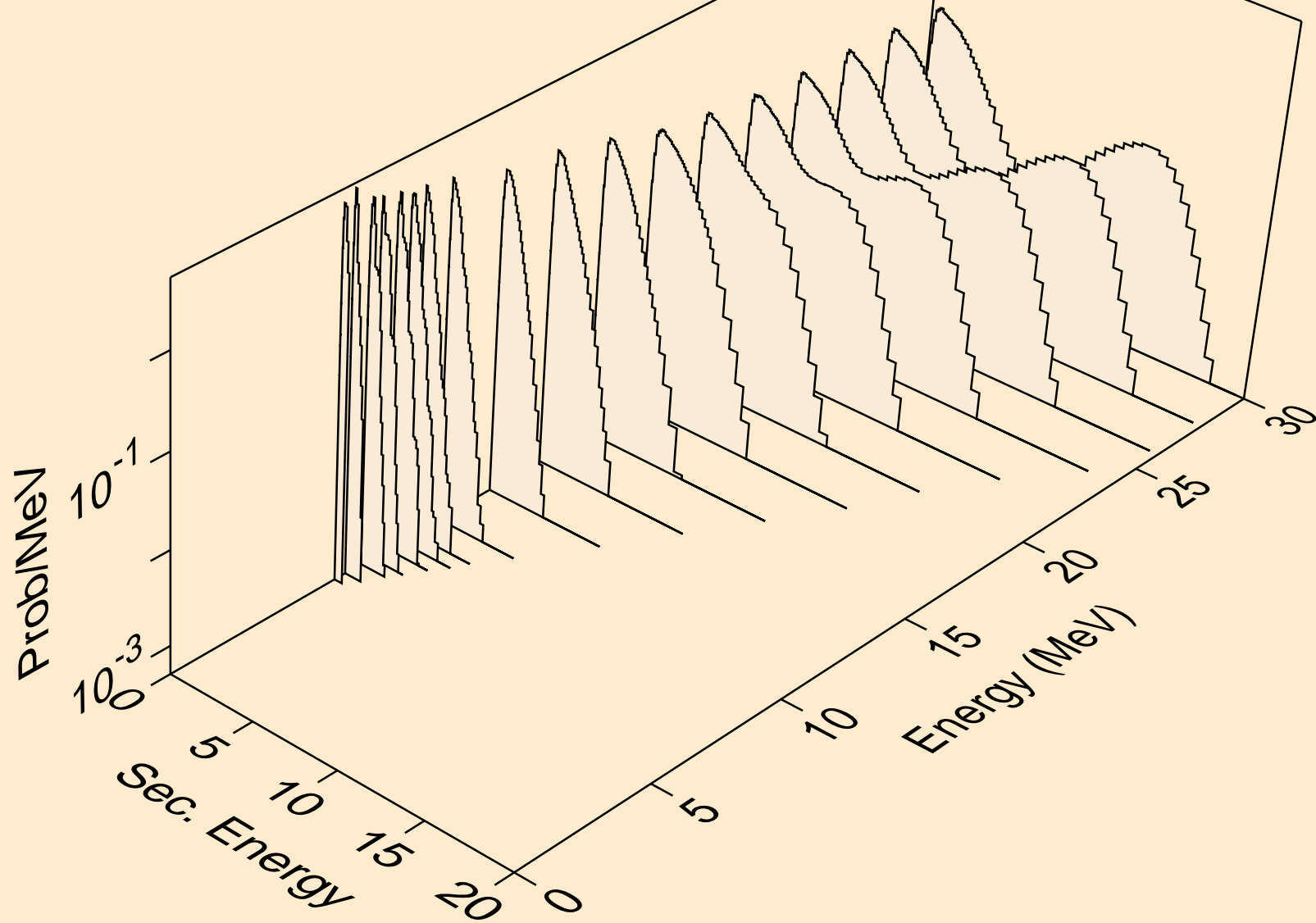
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Neutron emission for (n,2n)



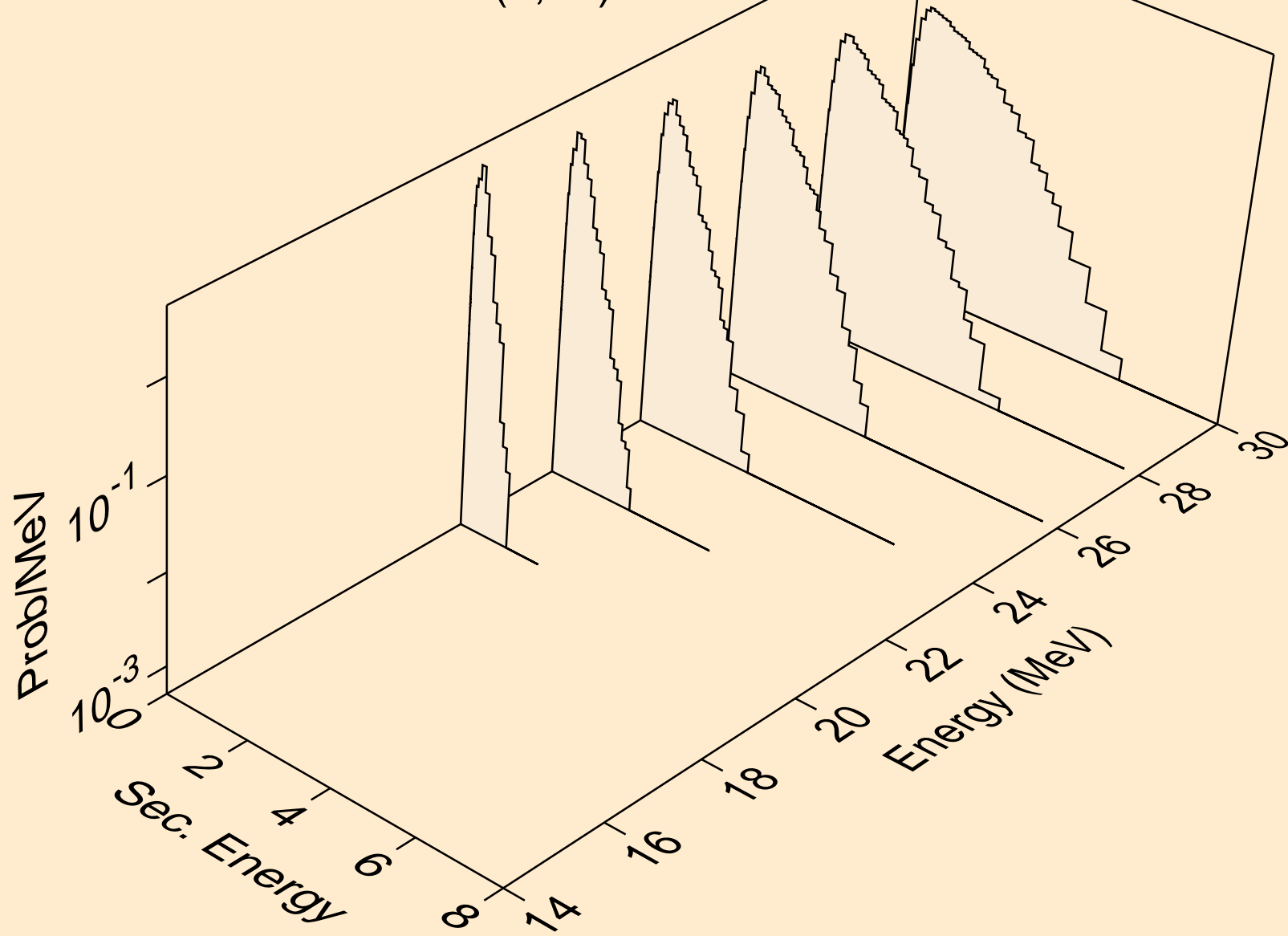
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

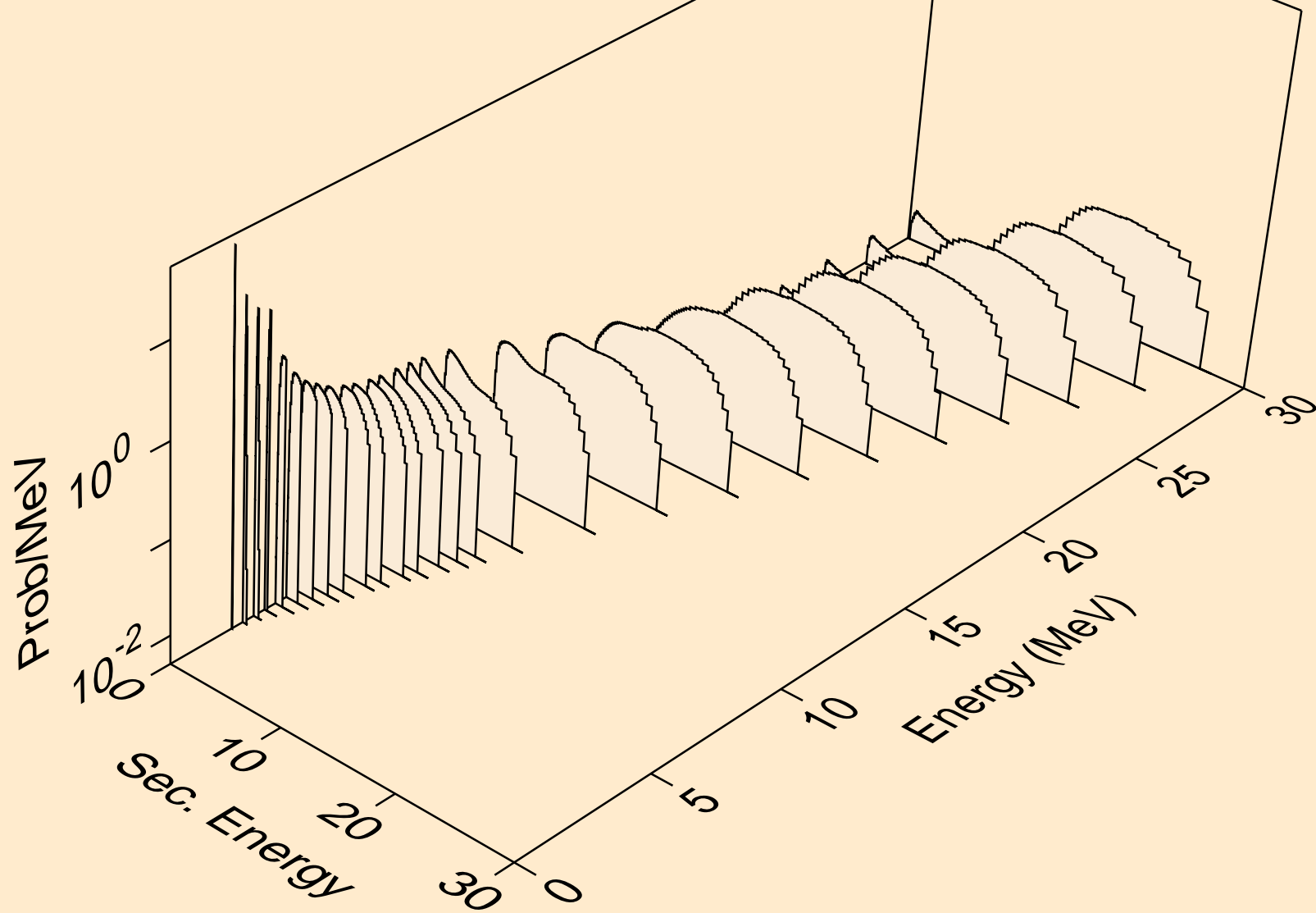


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Neutron emission for (n,2n)<sub>a</sub>

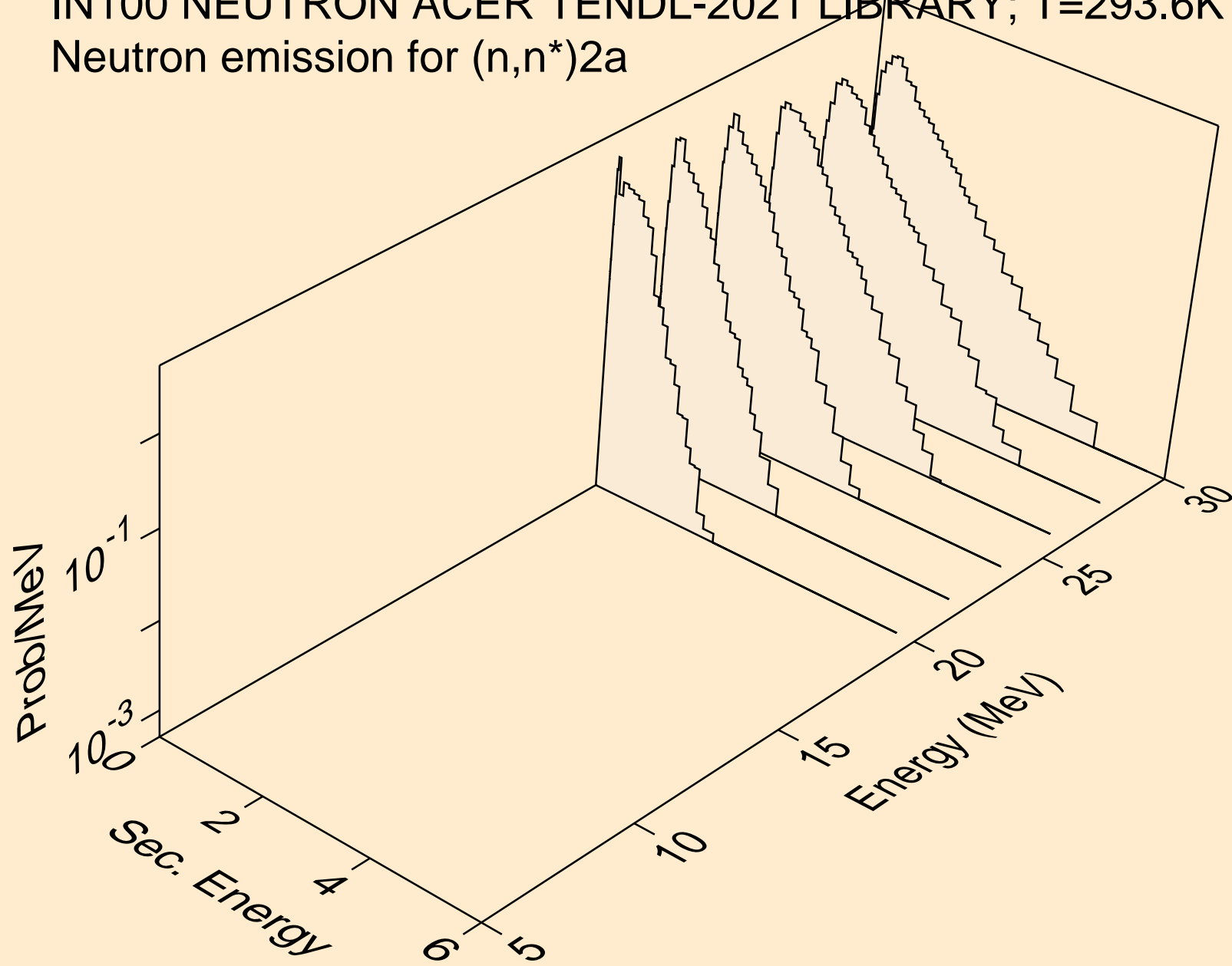




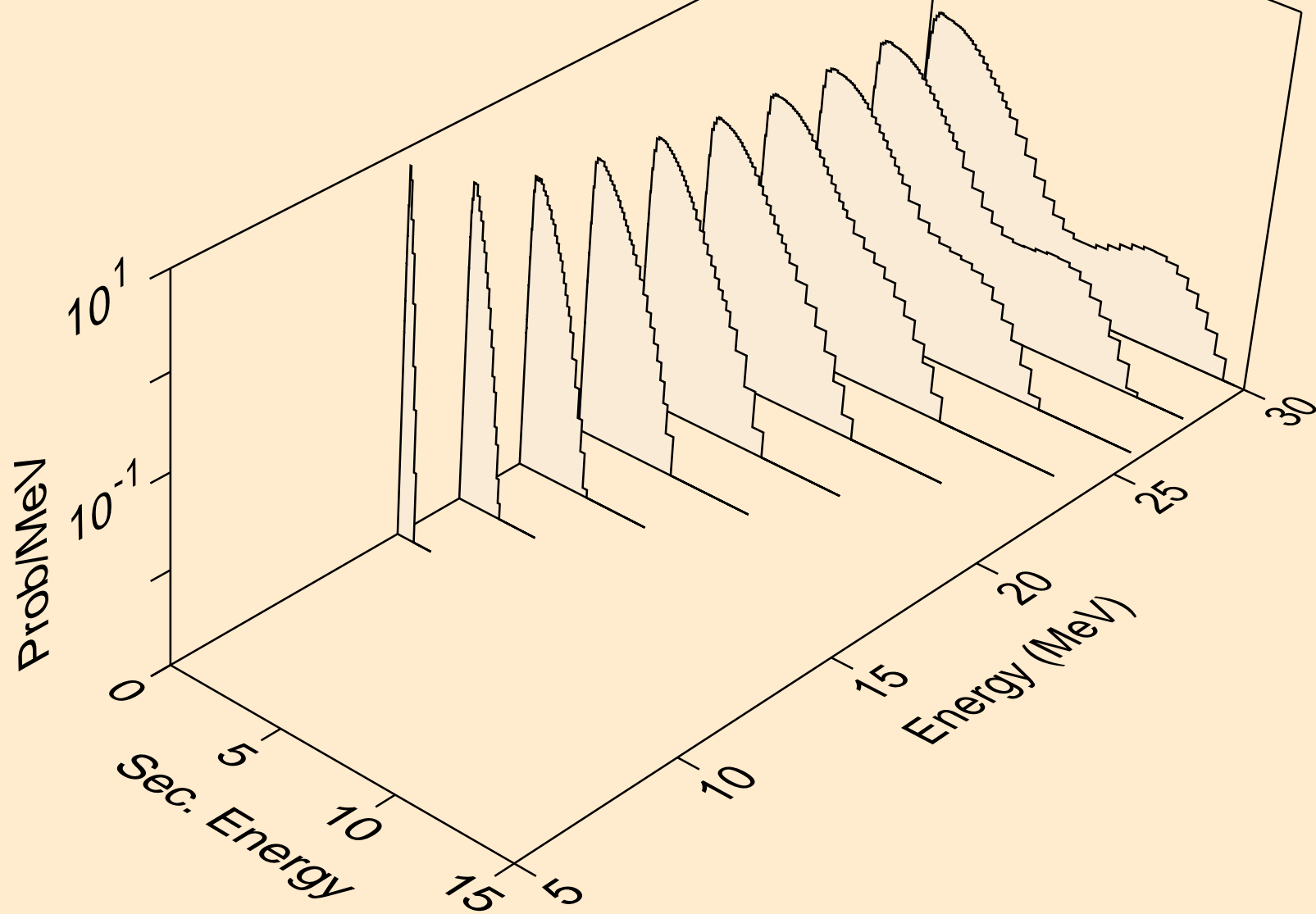
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Neutron emission for (n,n\*)p



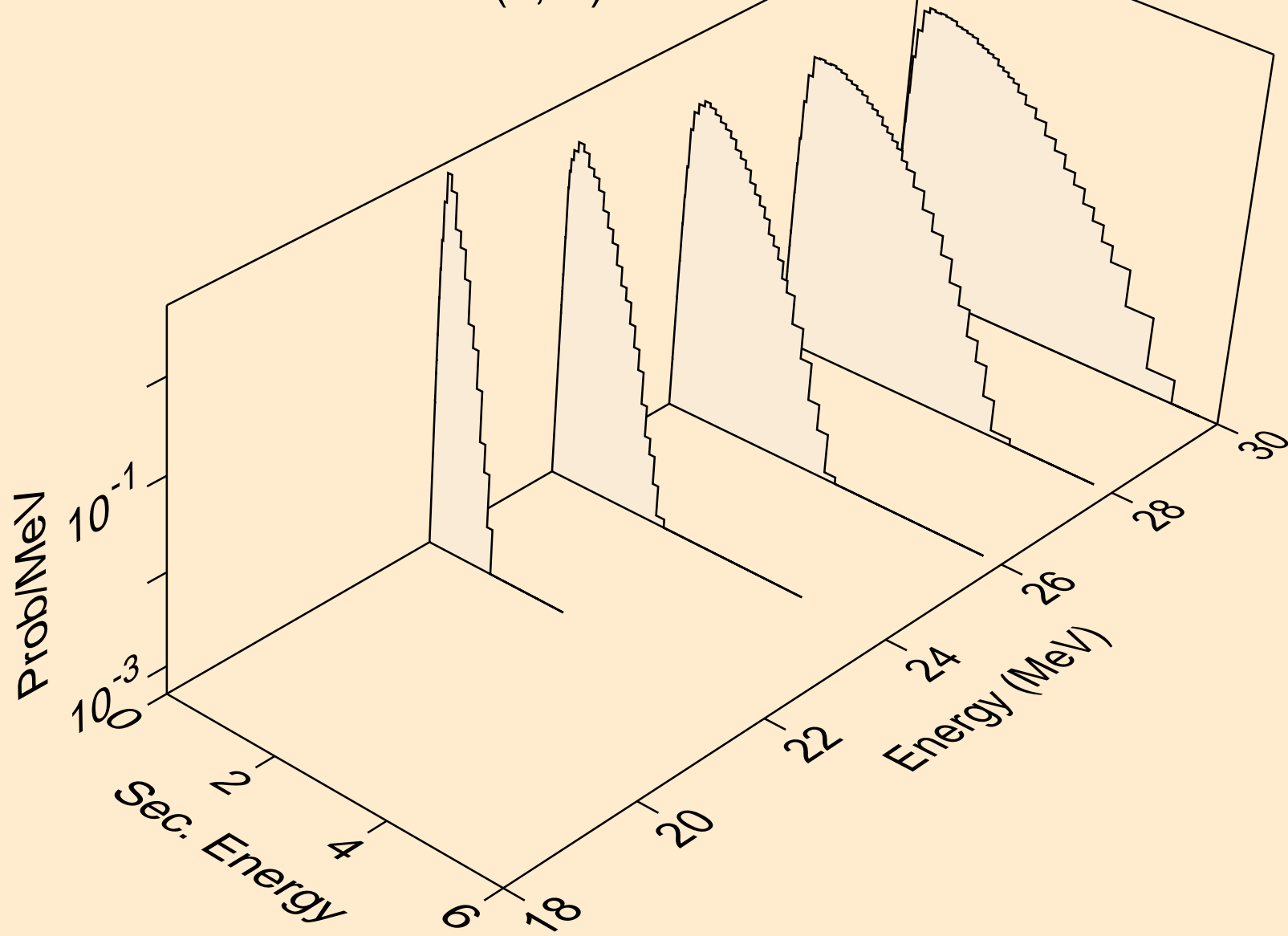
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Neutron emission for (n,n\*)2a



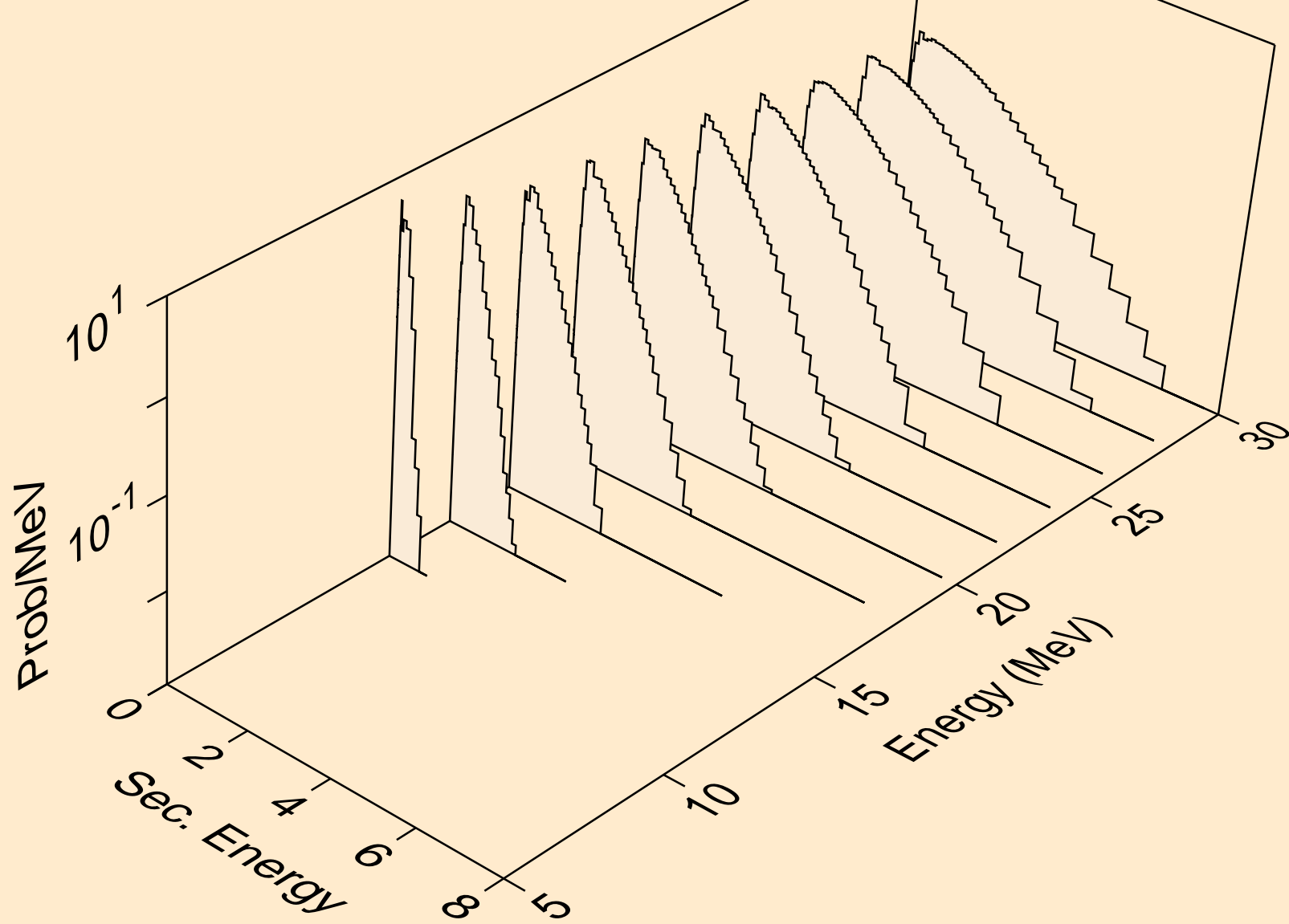
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Neutron emission for (n,n\*)d



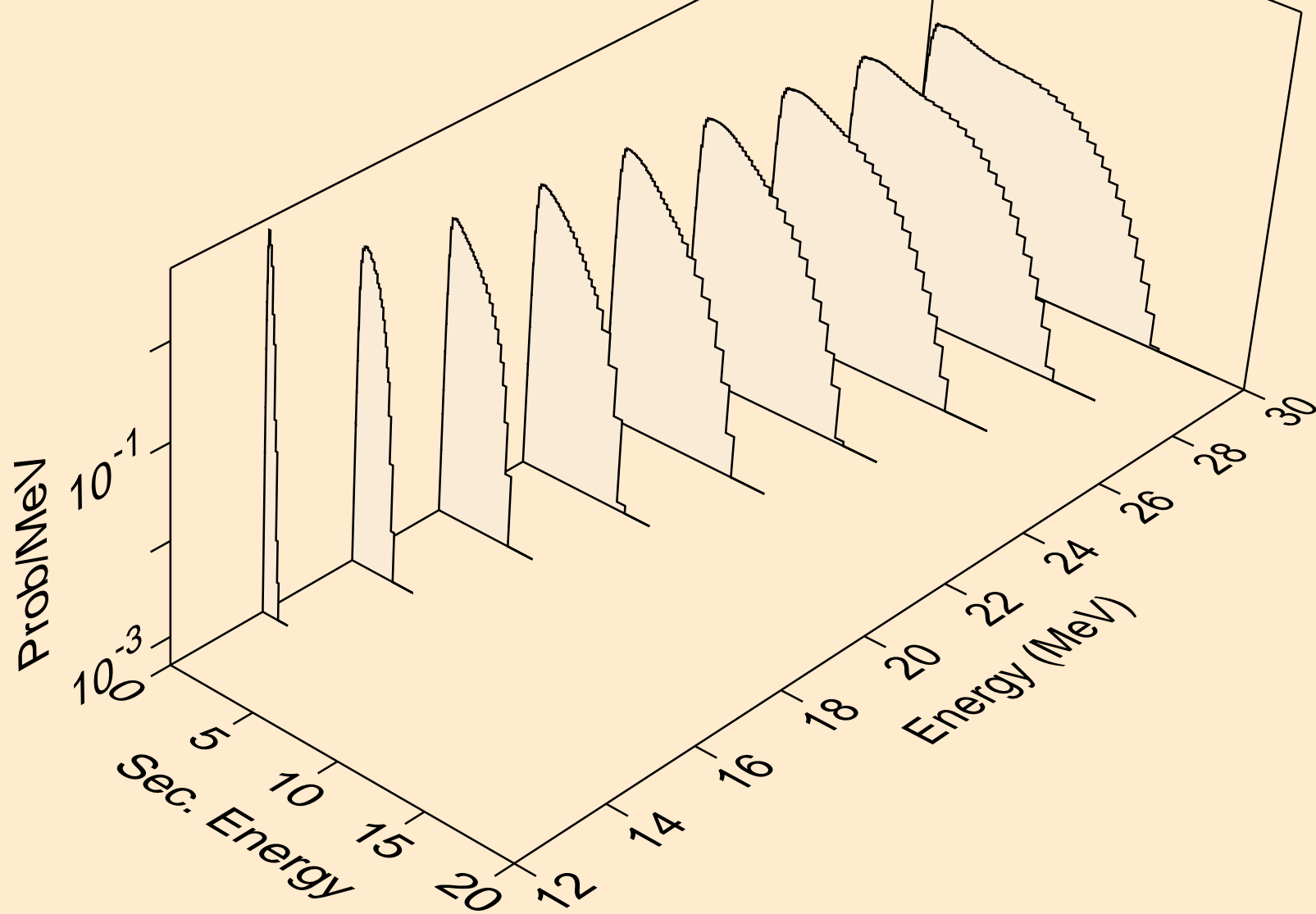
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Neutron emission for (n,n\*)t



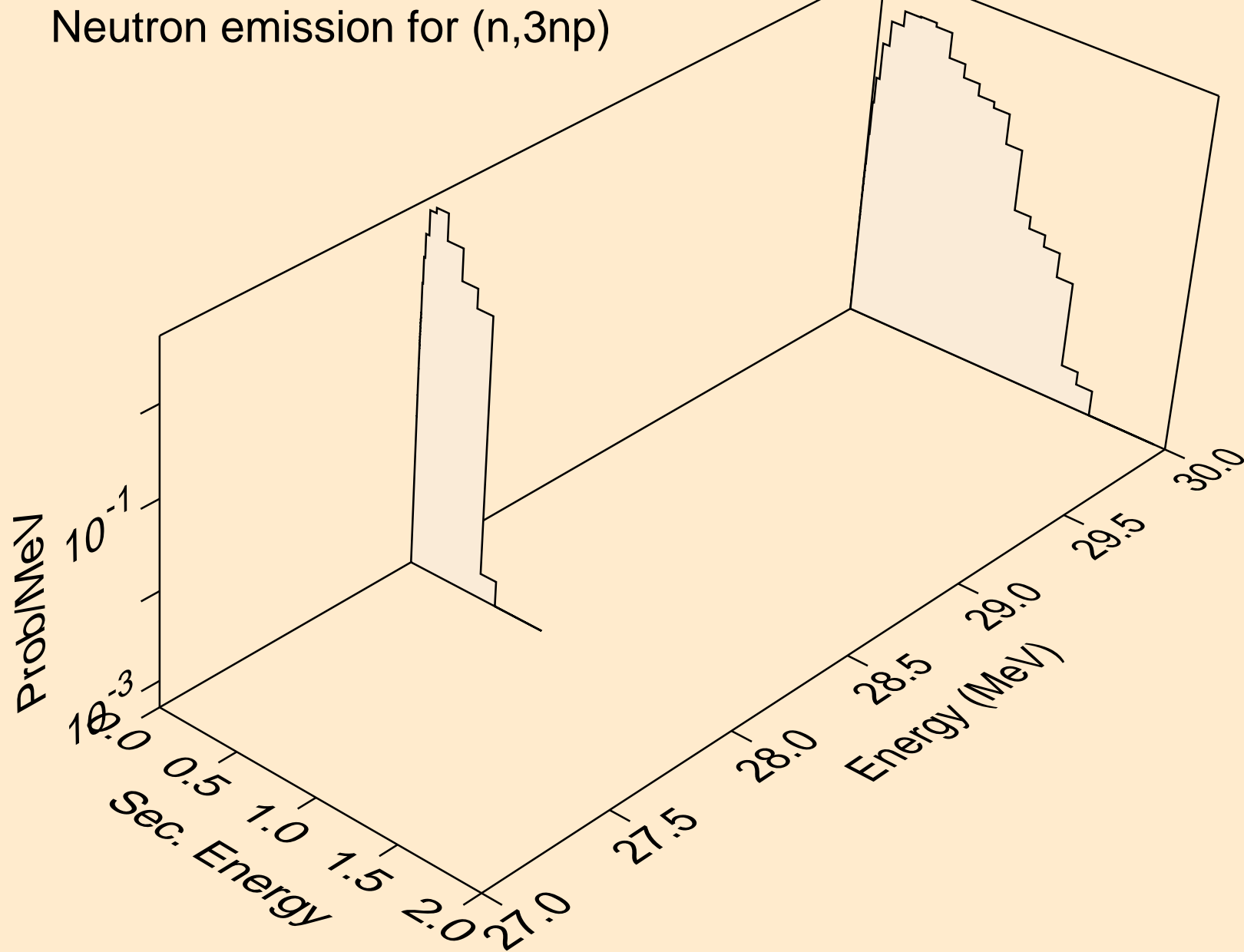
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Neutron emission for (n,n\*)he3



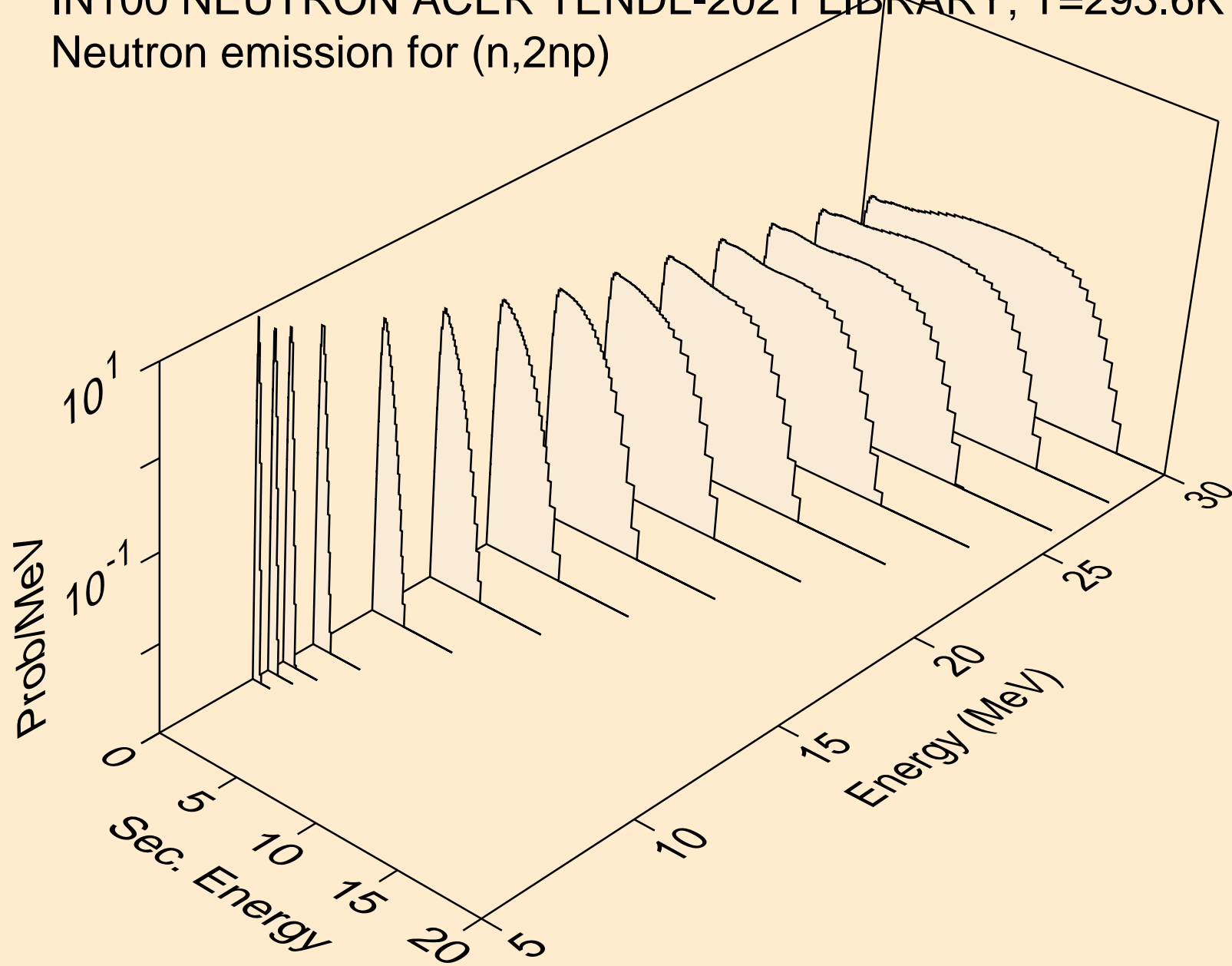
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Neutron emission for (n,2np)



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Neutron emission for (n,3np)

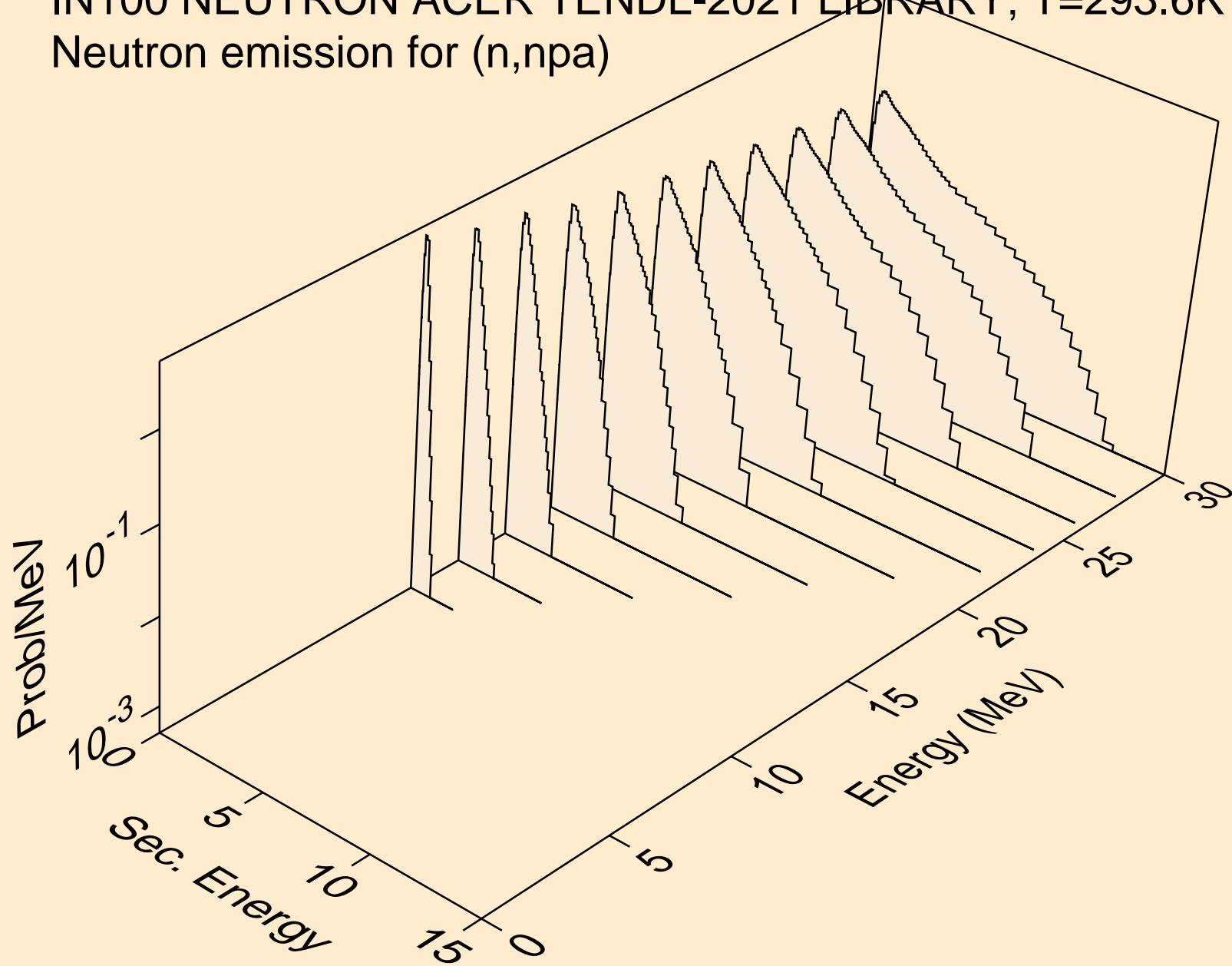


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Neutron emission for (n,2np)

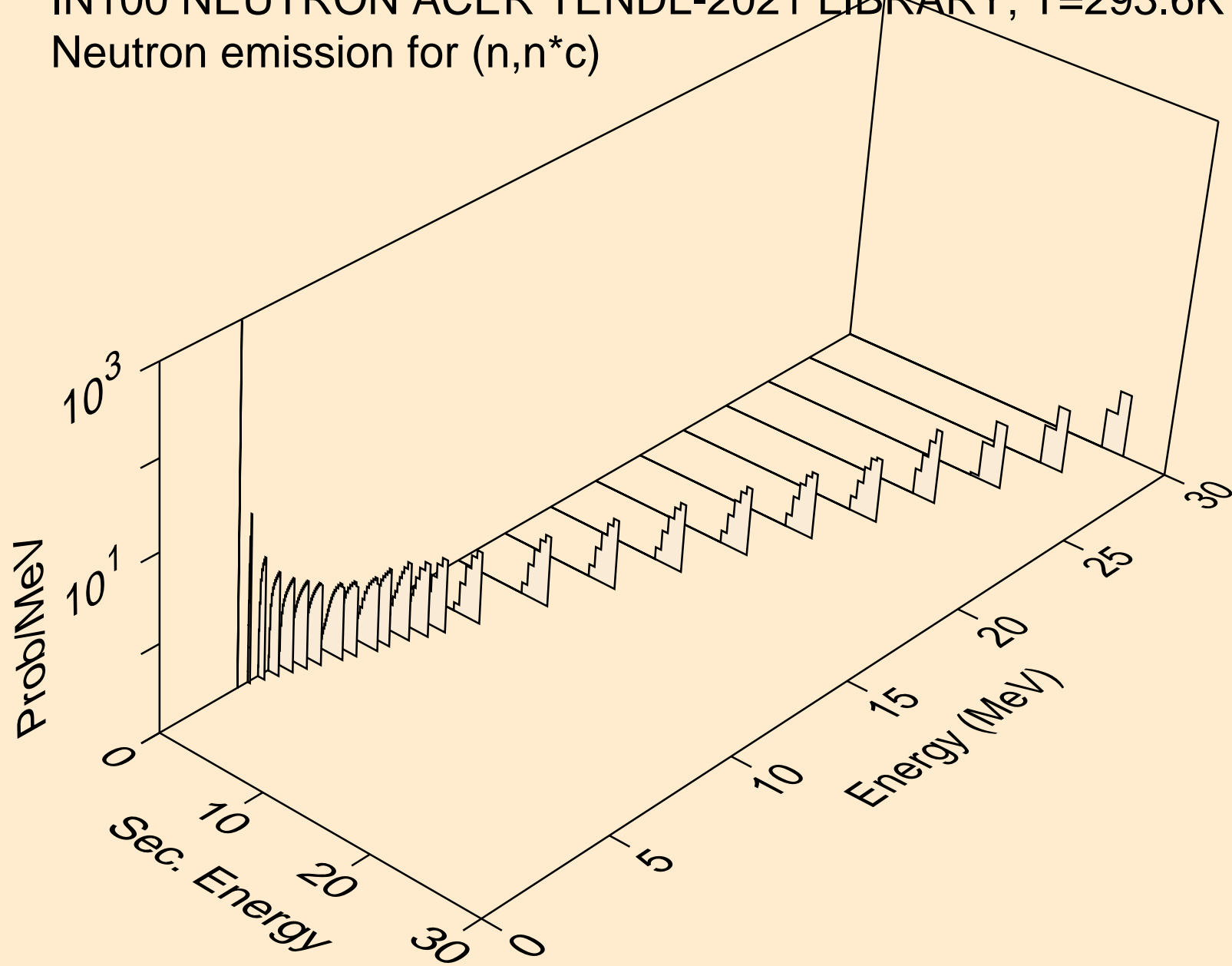




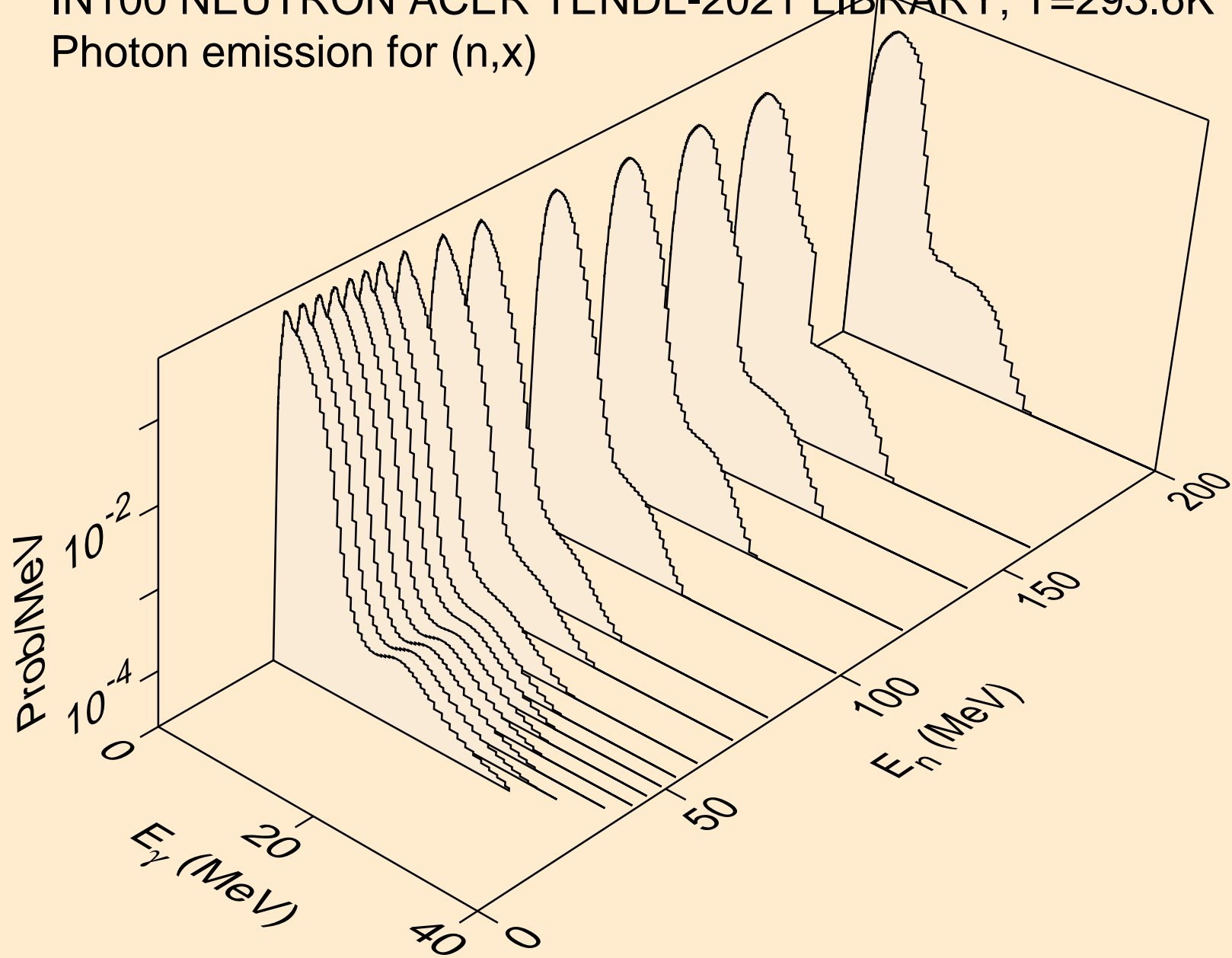
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Neutron emission for (n,npa)



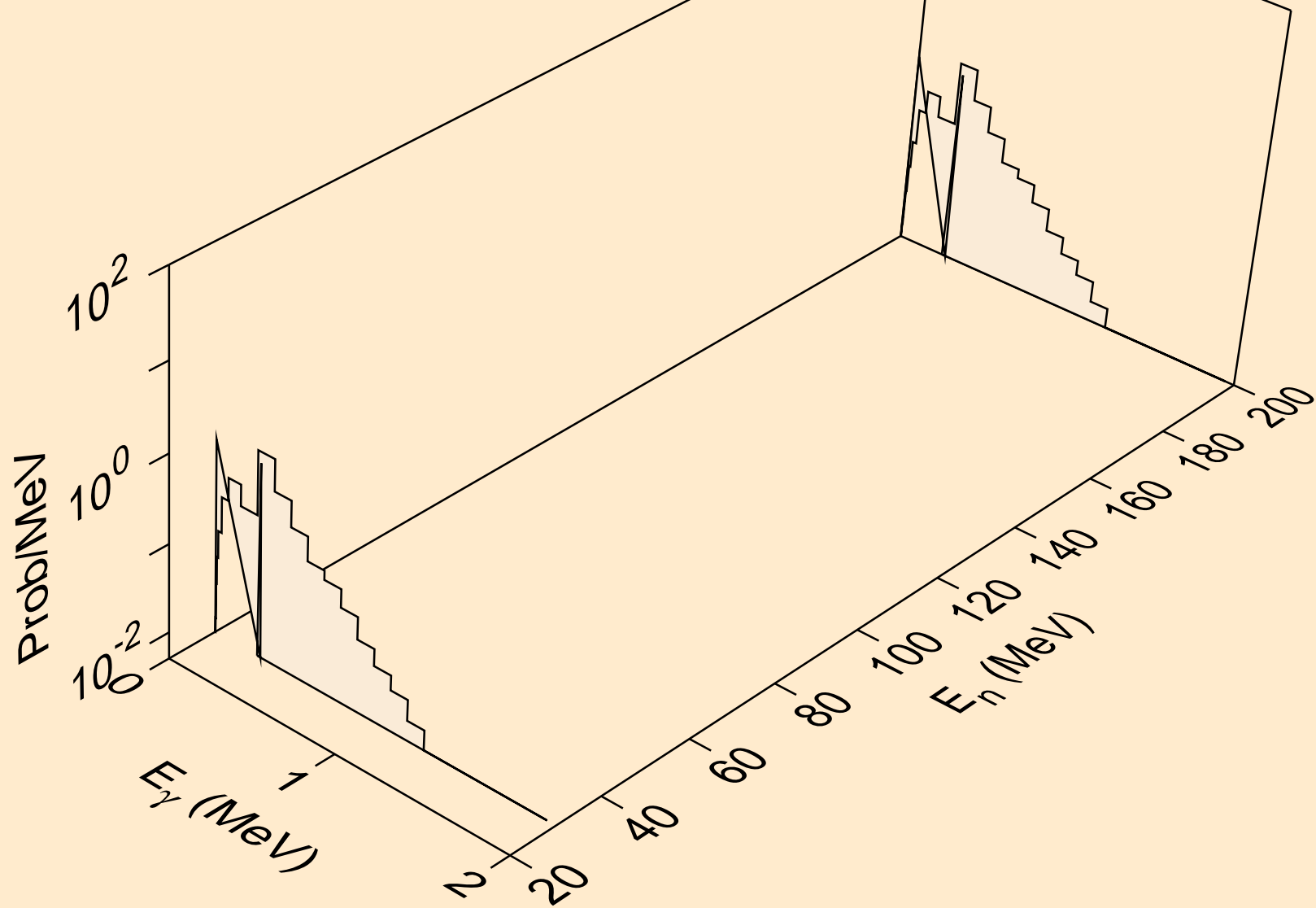
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Neutron emission for (n,n\*c)



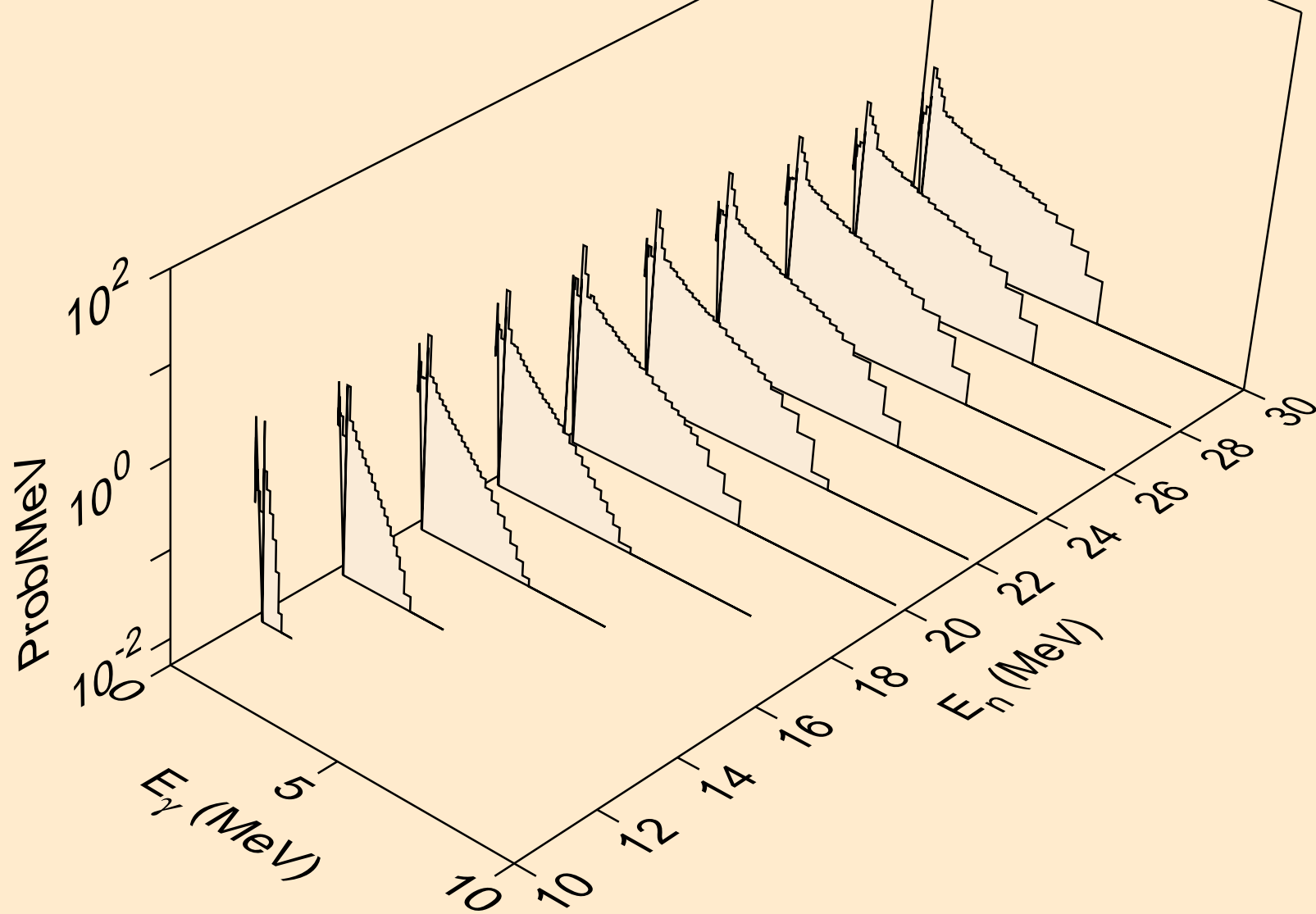
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Photon emission for (n,x)



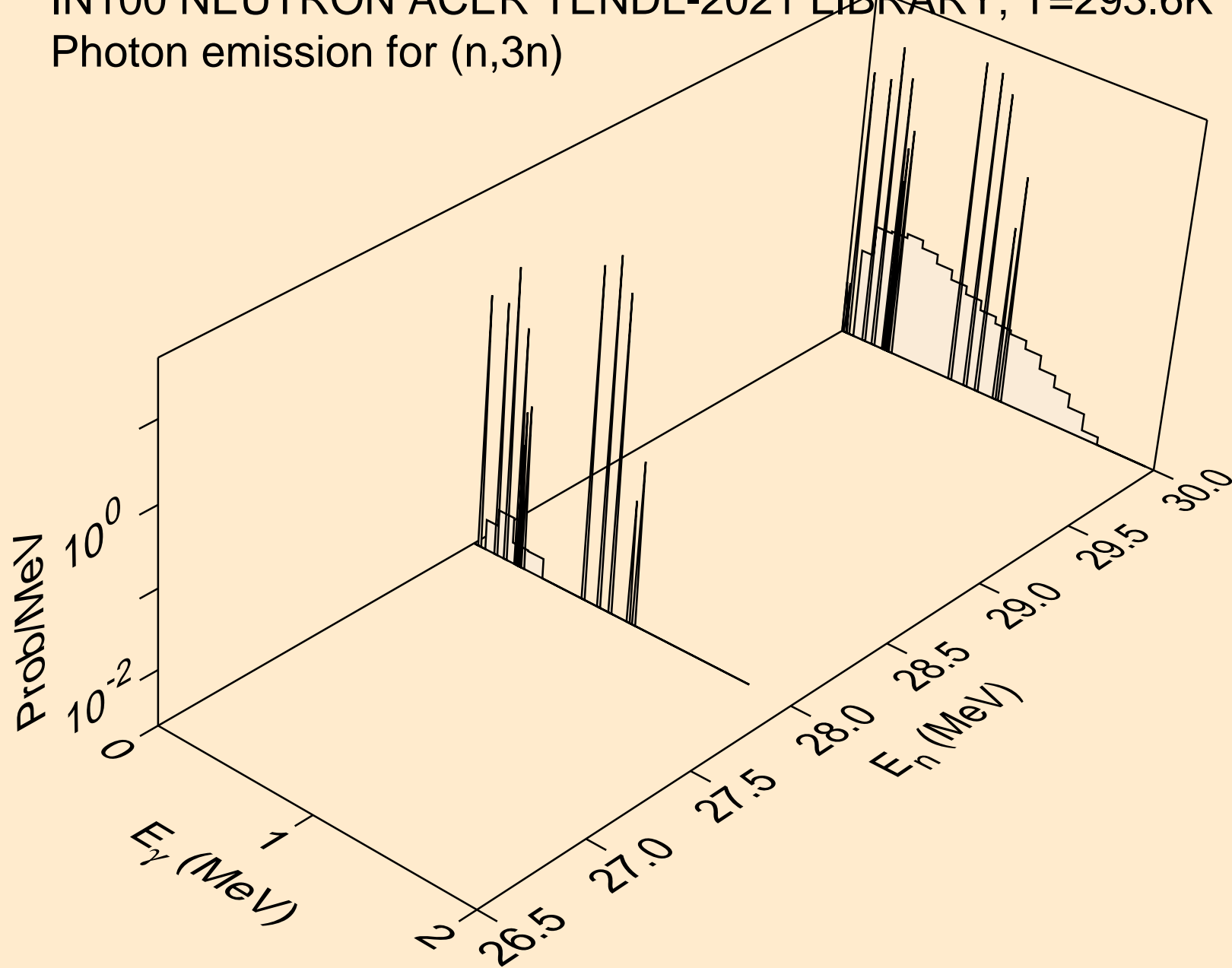
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Photon emission for (n,2nd)



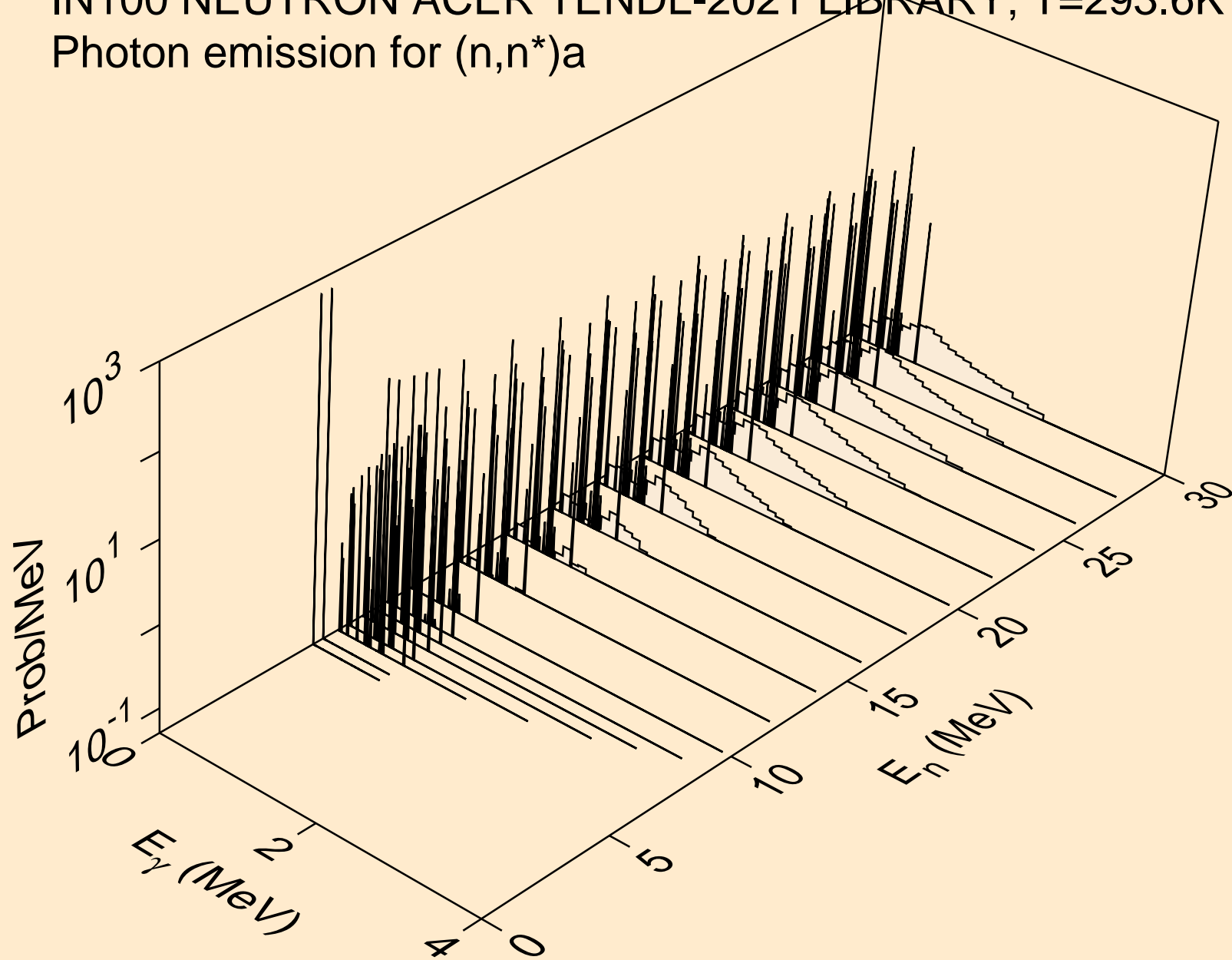
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Photon emission for (n,2n)



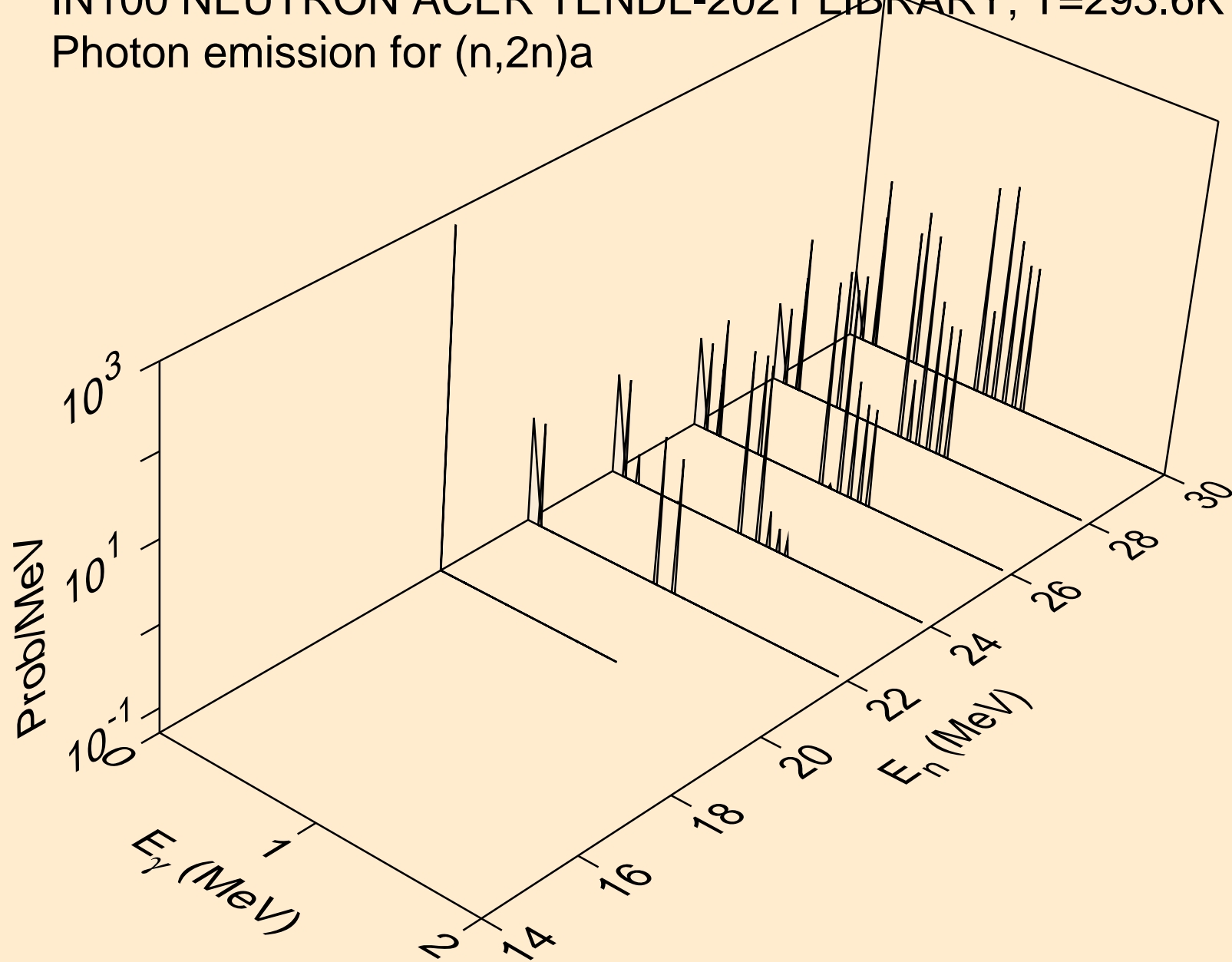
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Photon emission for (n,3n)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

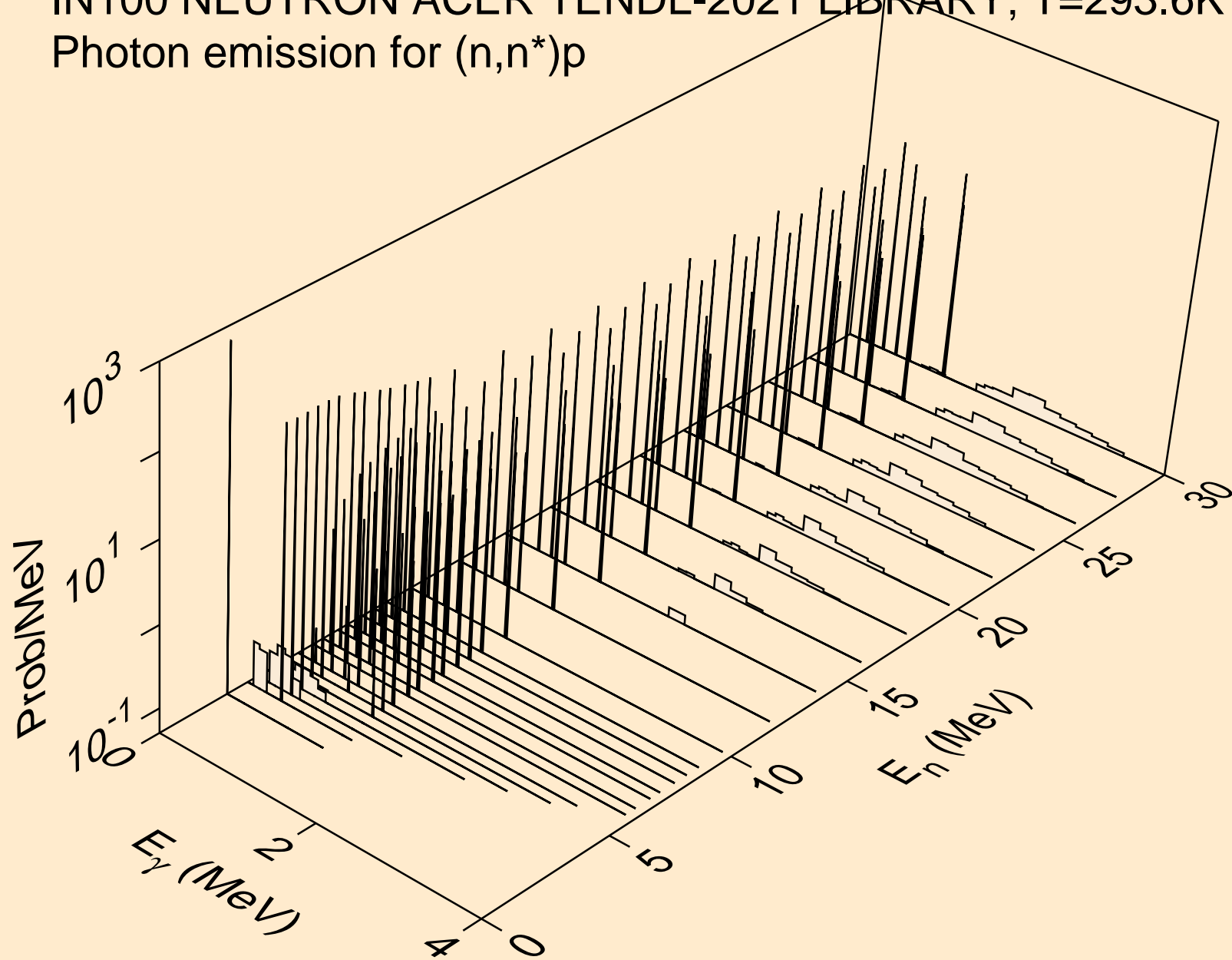


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Photon emission for (n,2n)a

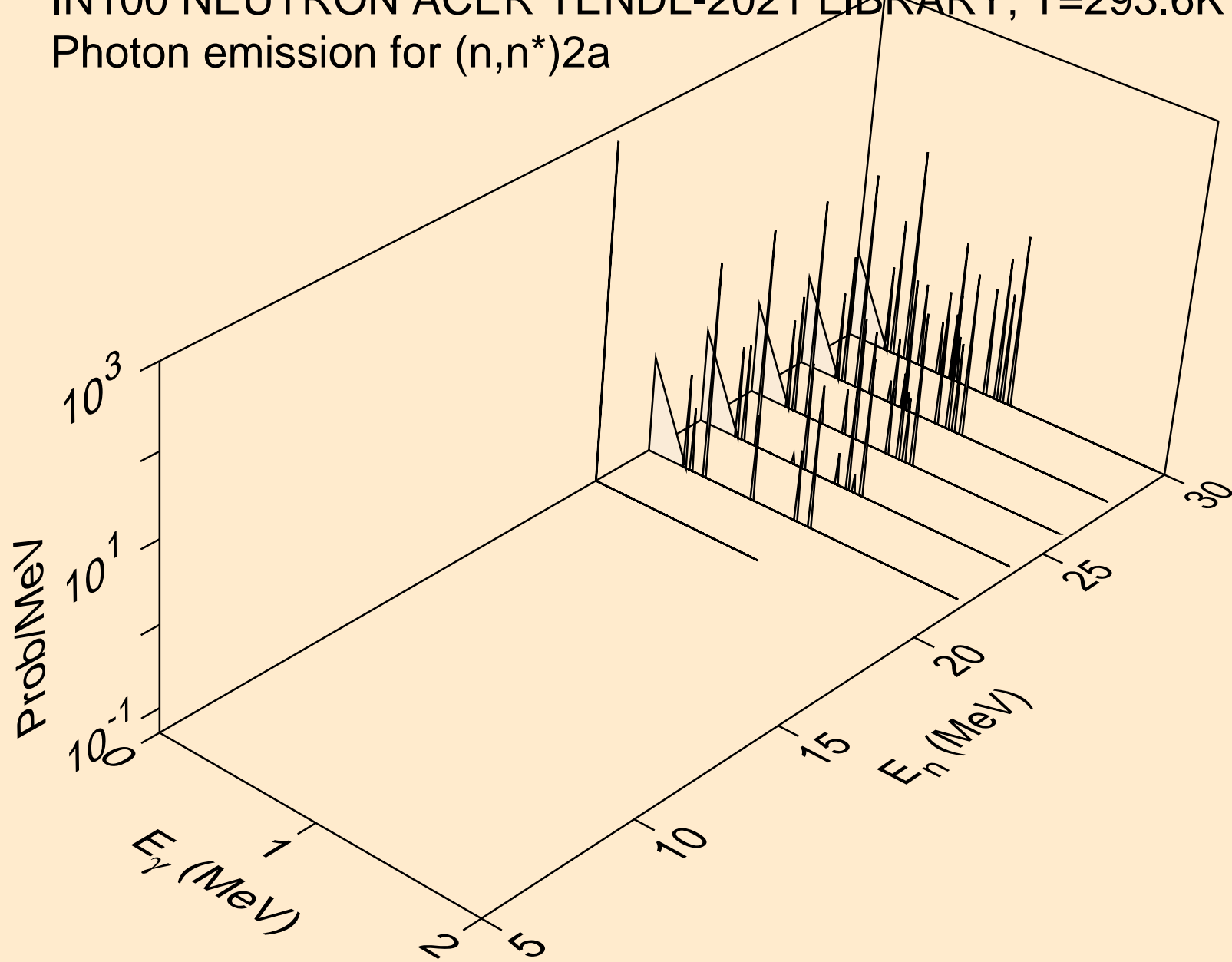




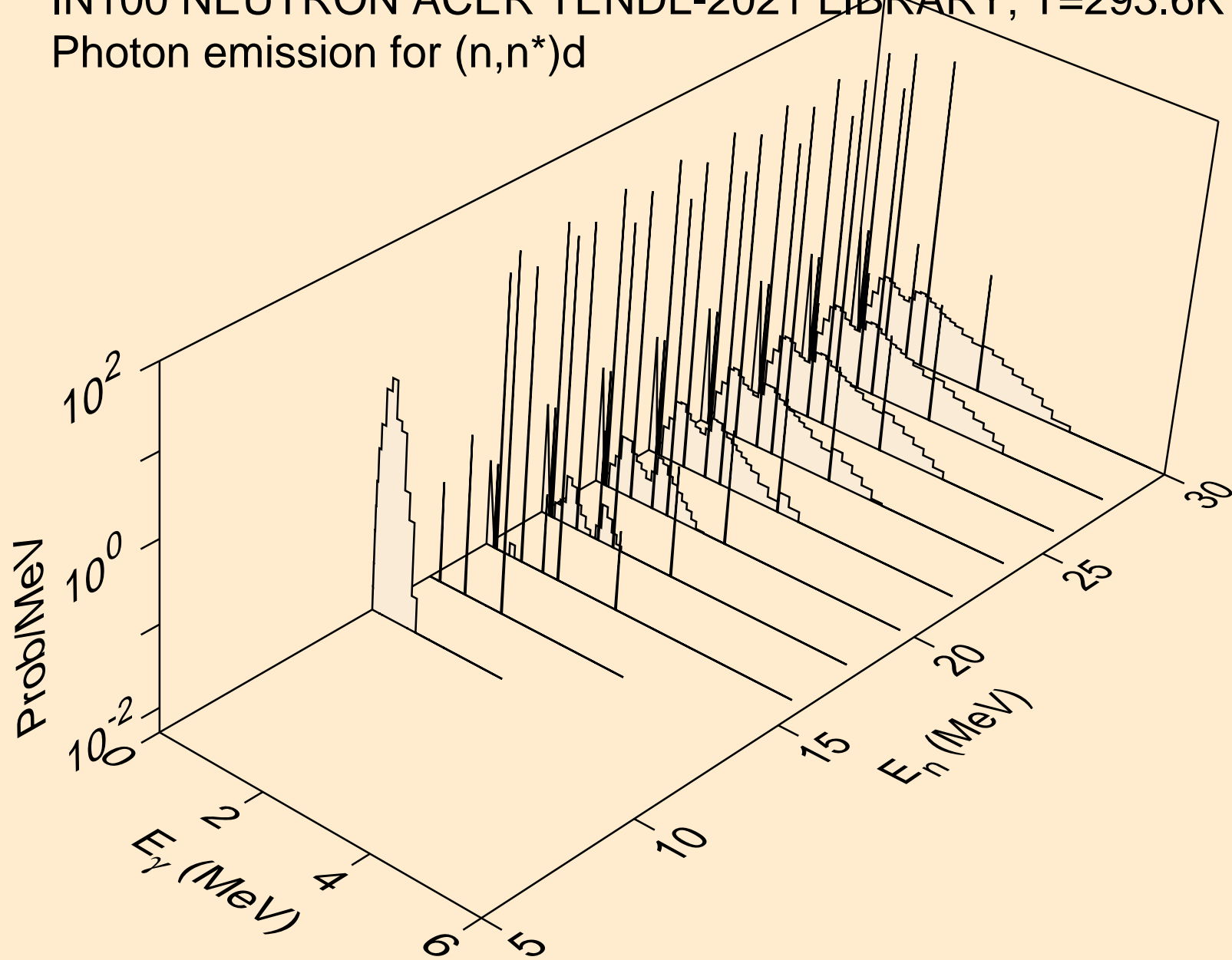
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Photon emission for (n,n\*)p



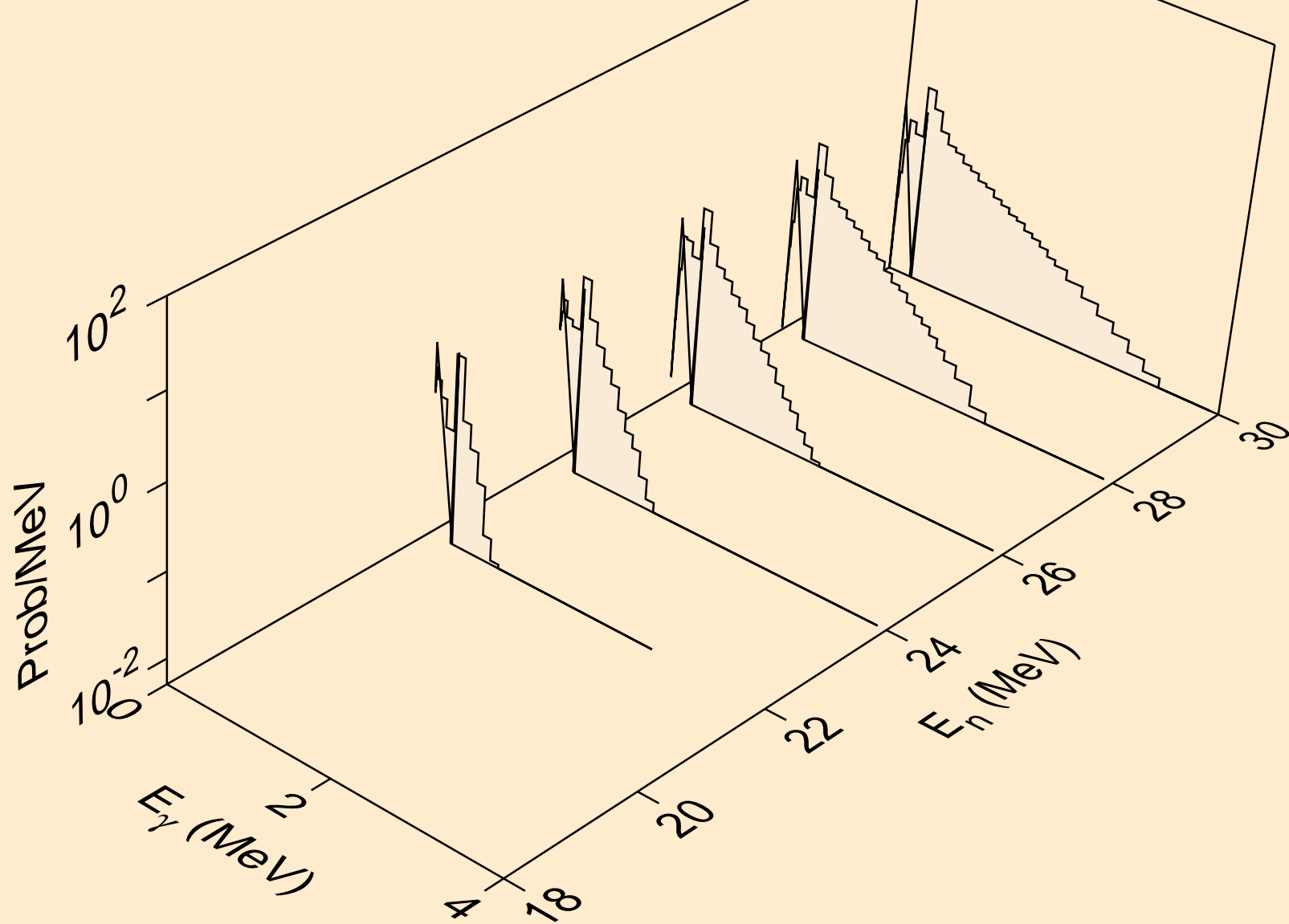
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Photon emission for (n,n\*)2a



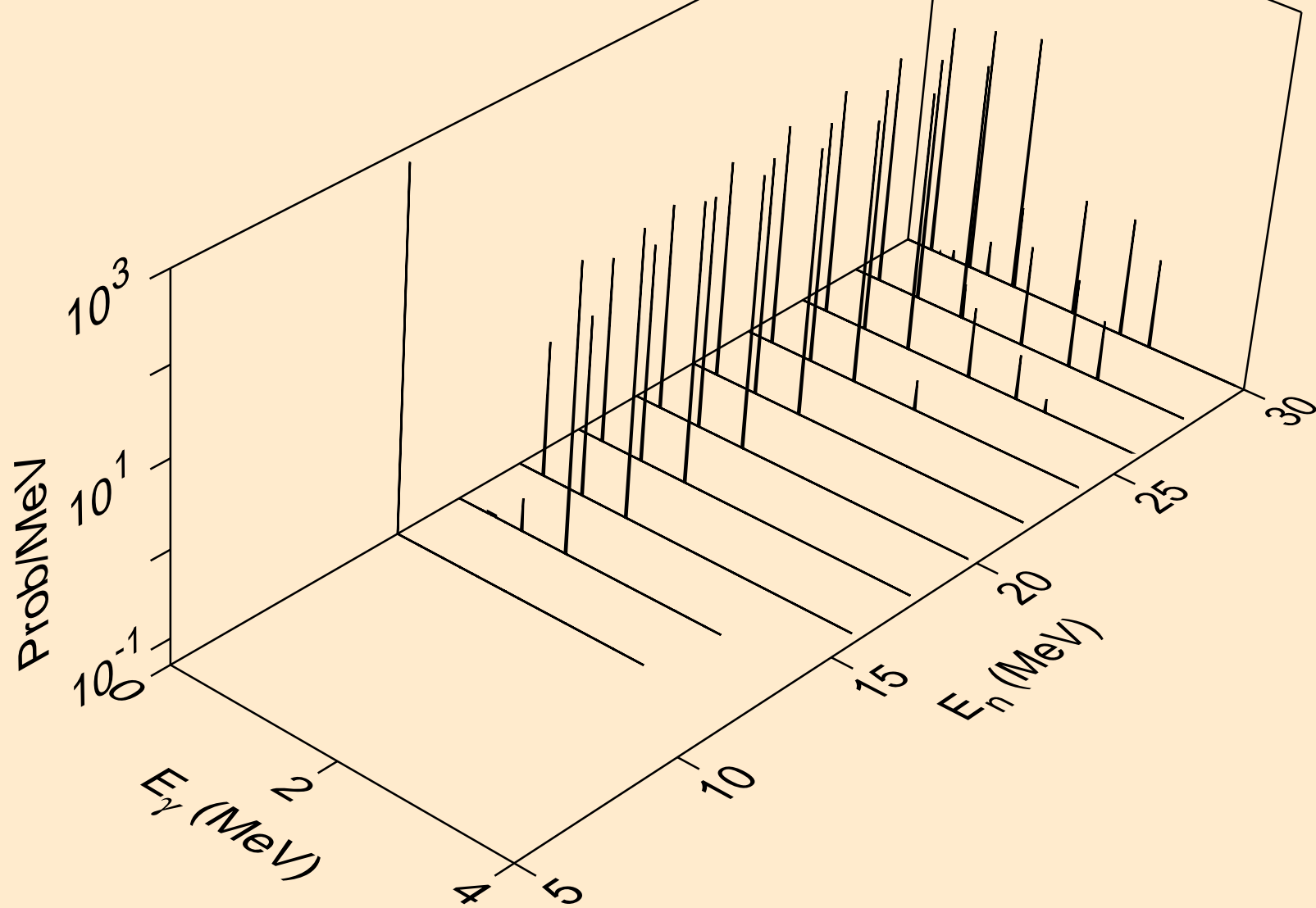
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Photon emission for (n,n\*)d



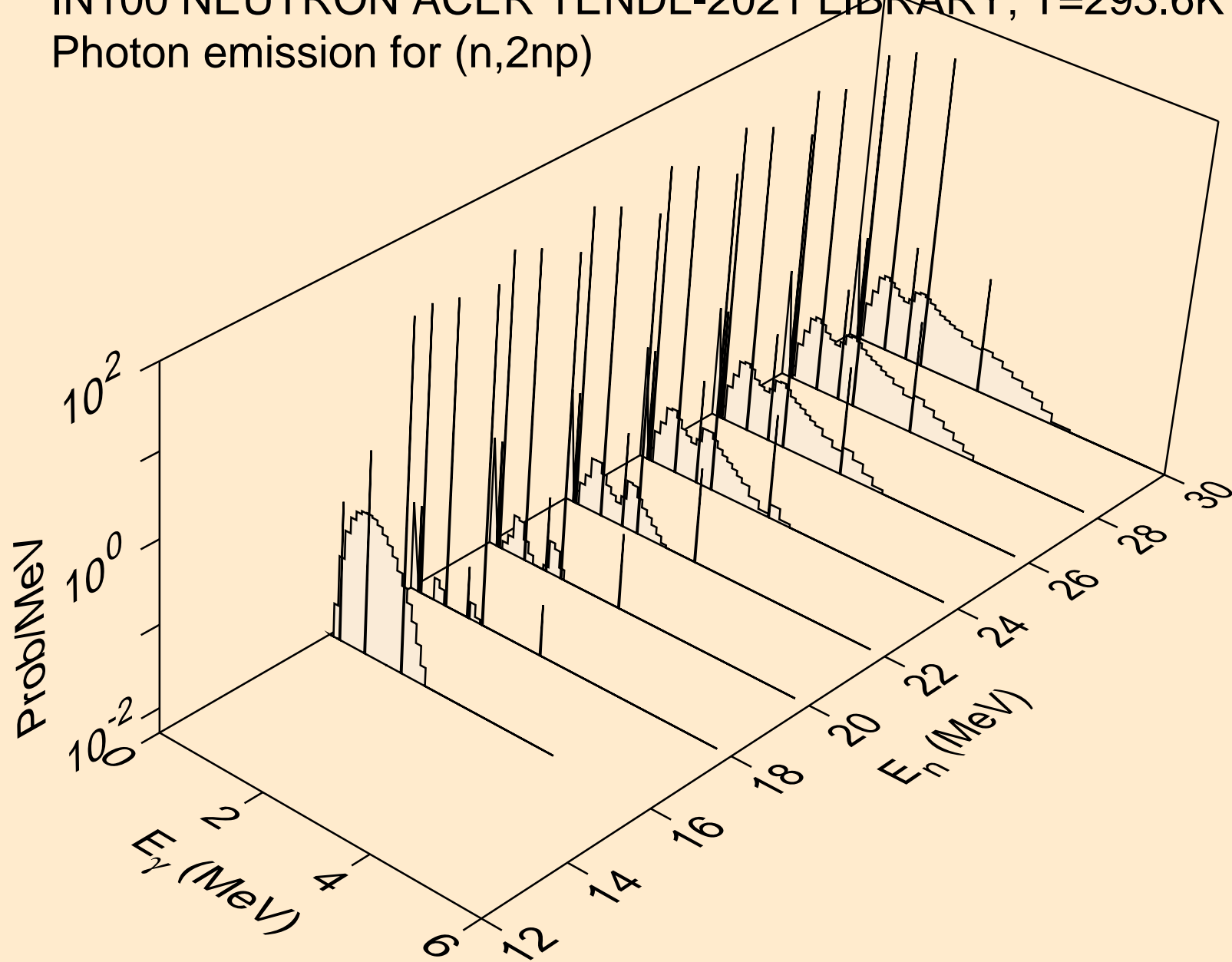
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Photon emission for (n,n\*)t



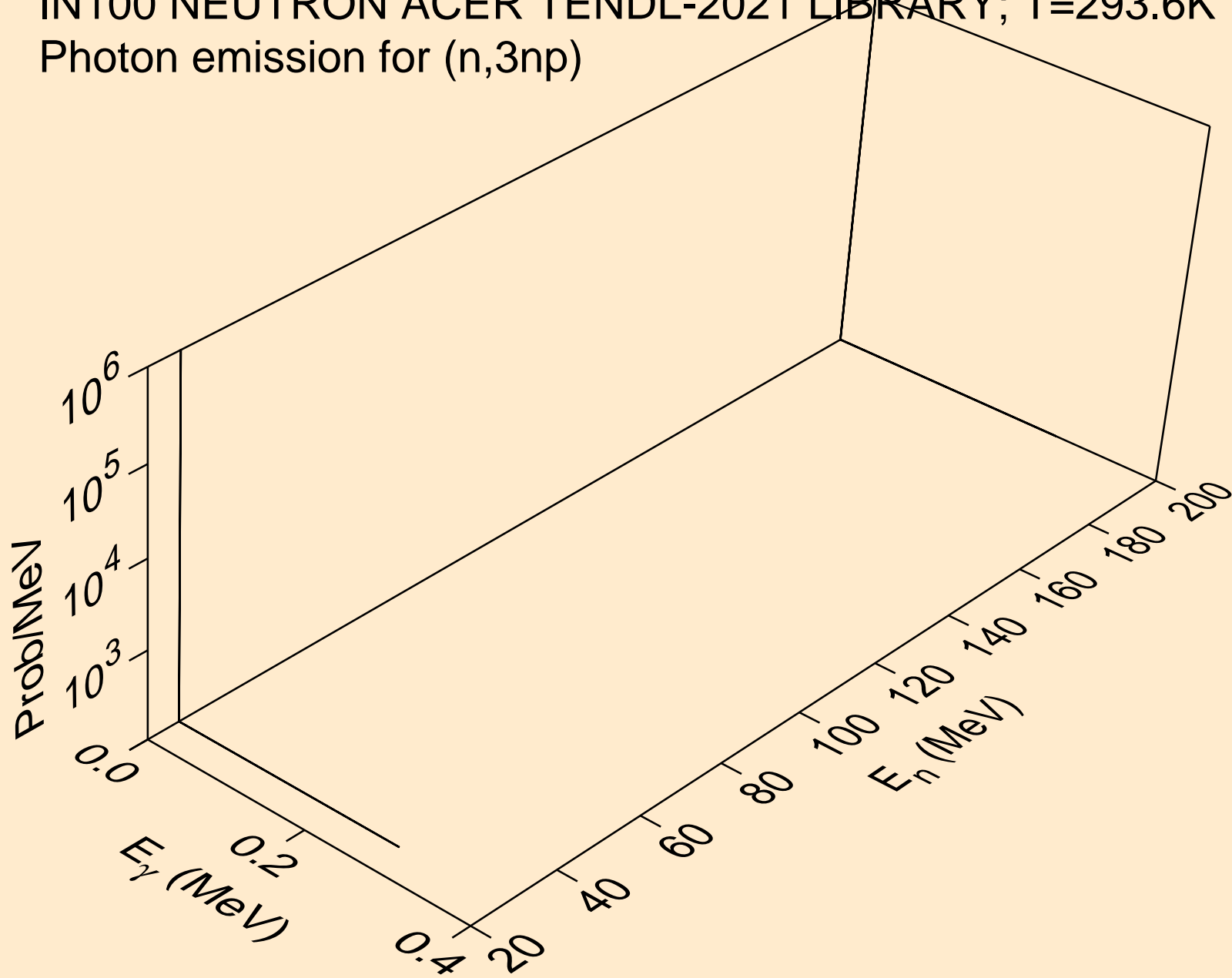
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Photon emission for (n,n\*)he3



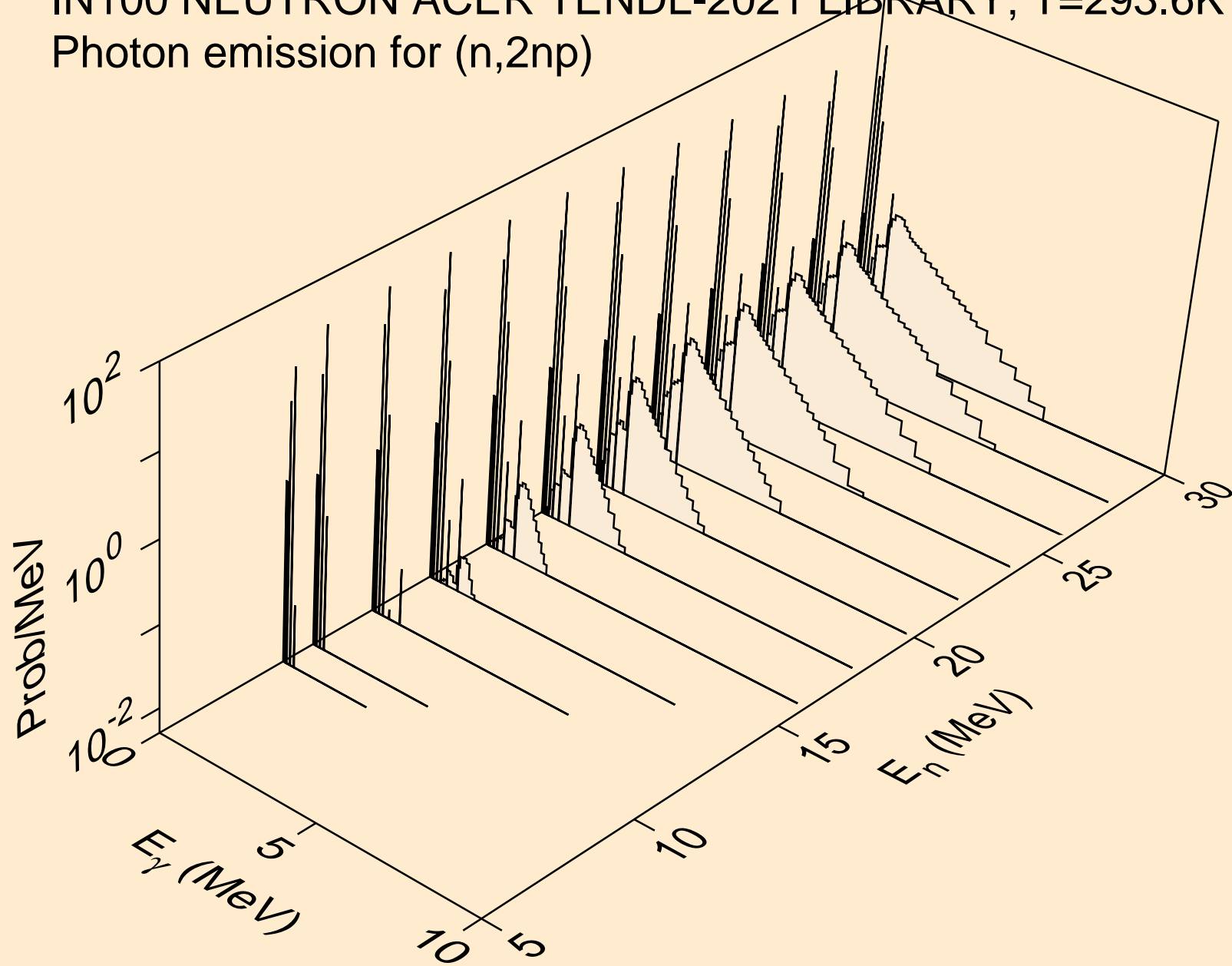
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Photon emission for (n,2np)



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Photon emission for (n,3np)

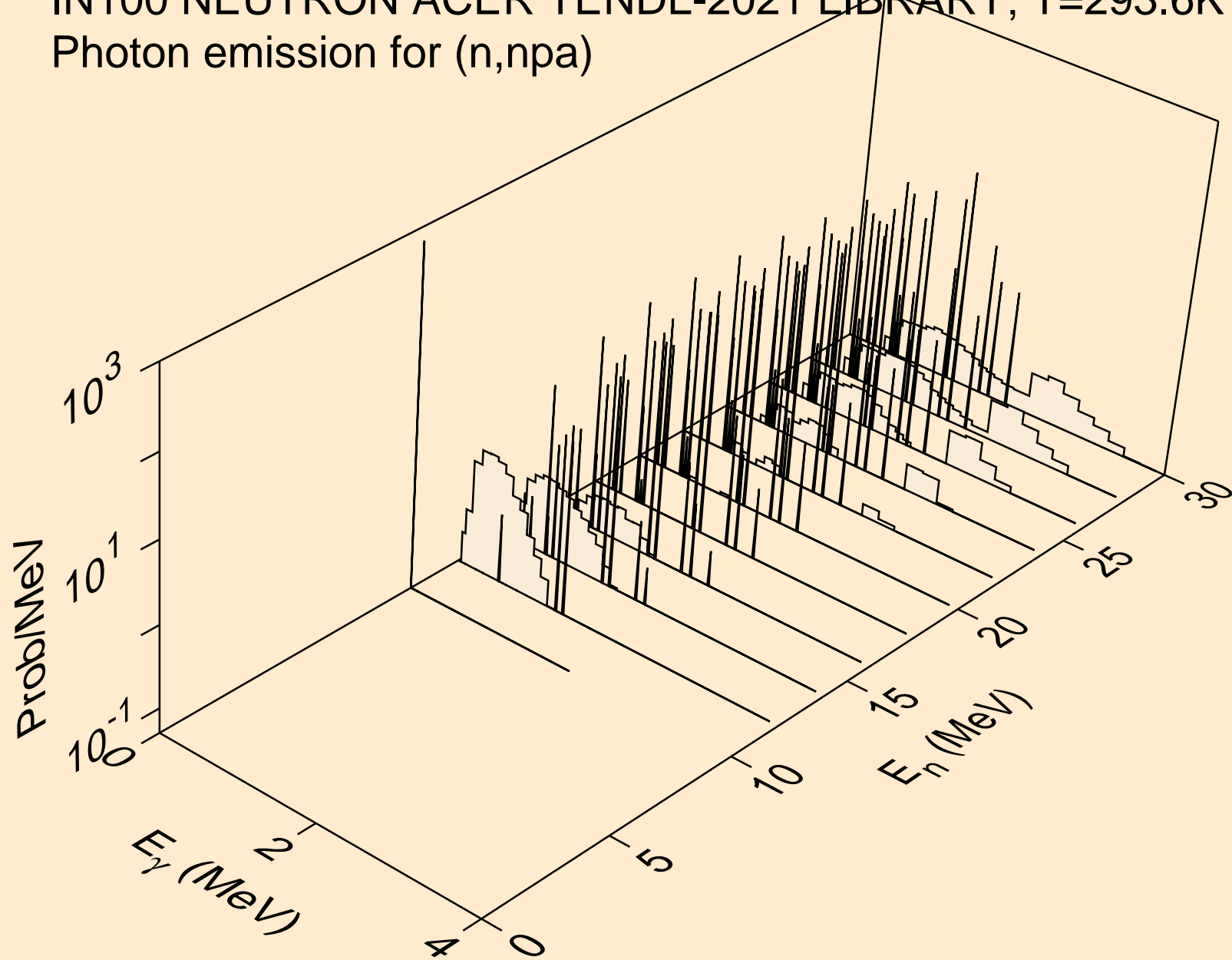


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Photon emission for (n,2np)

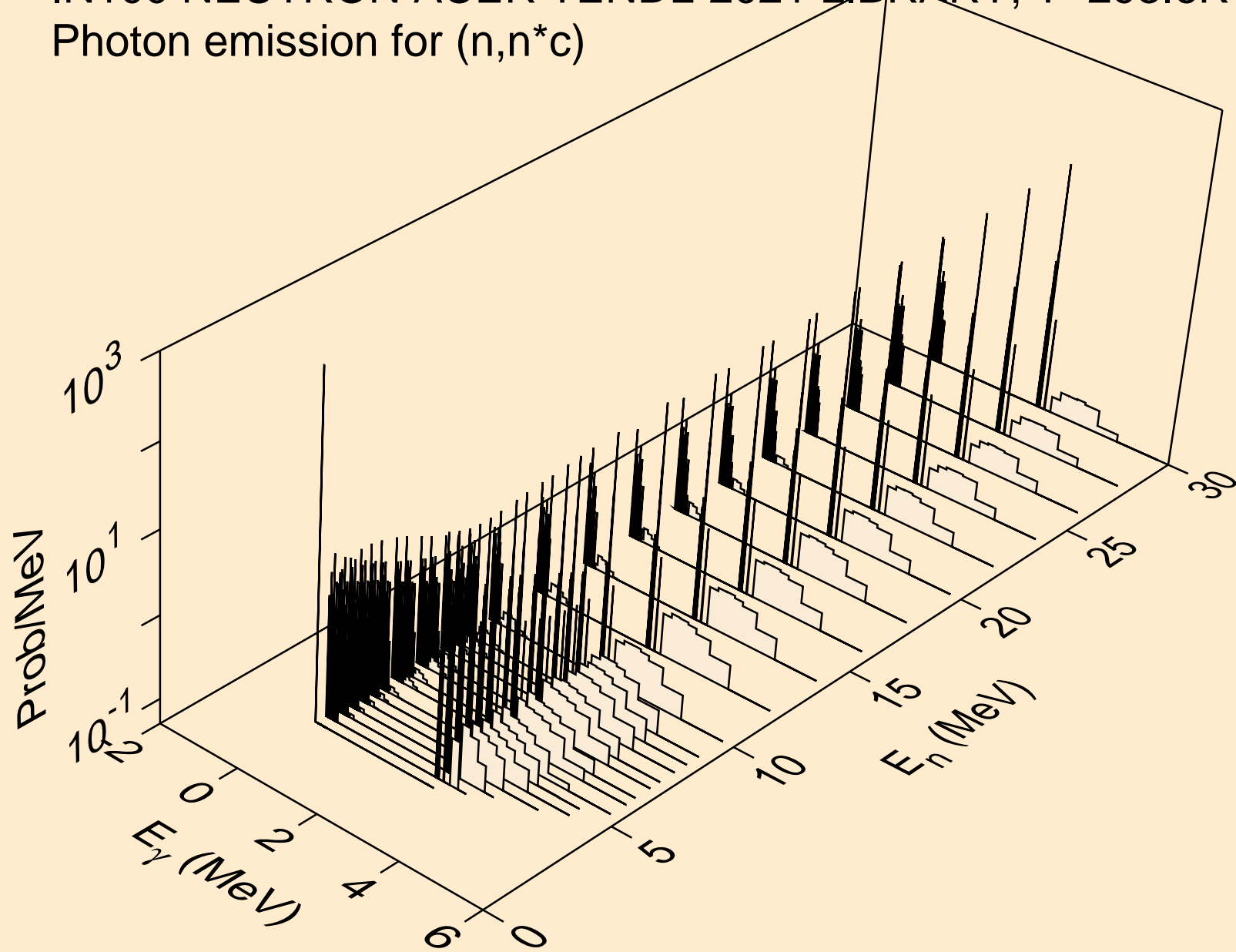




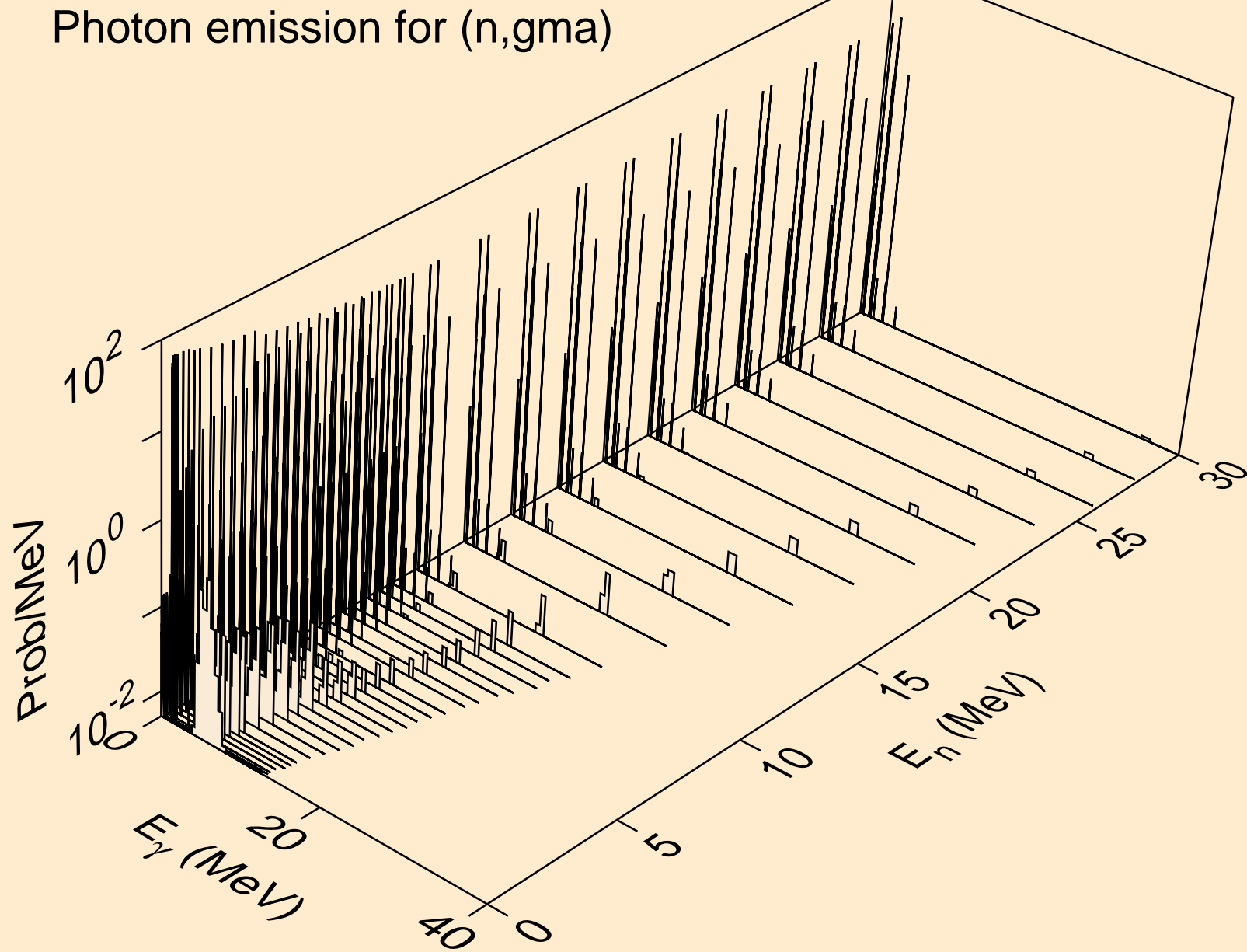
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Photon emission for (n,npa)



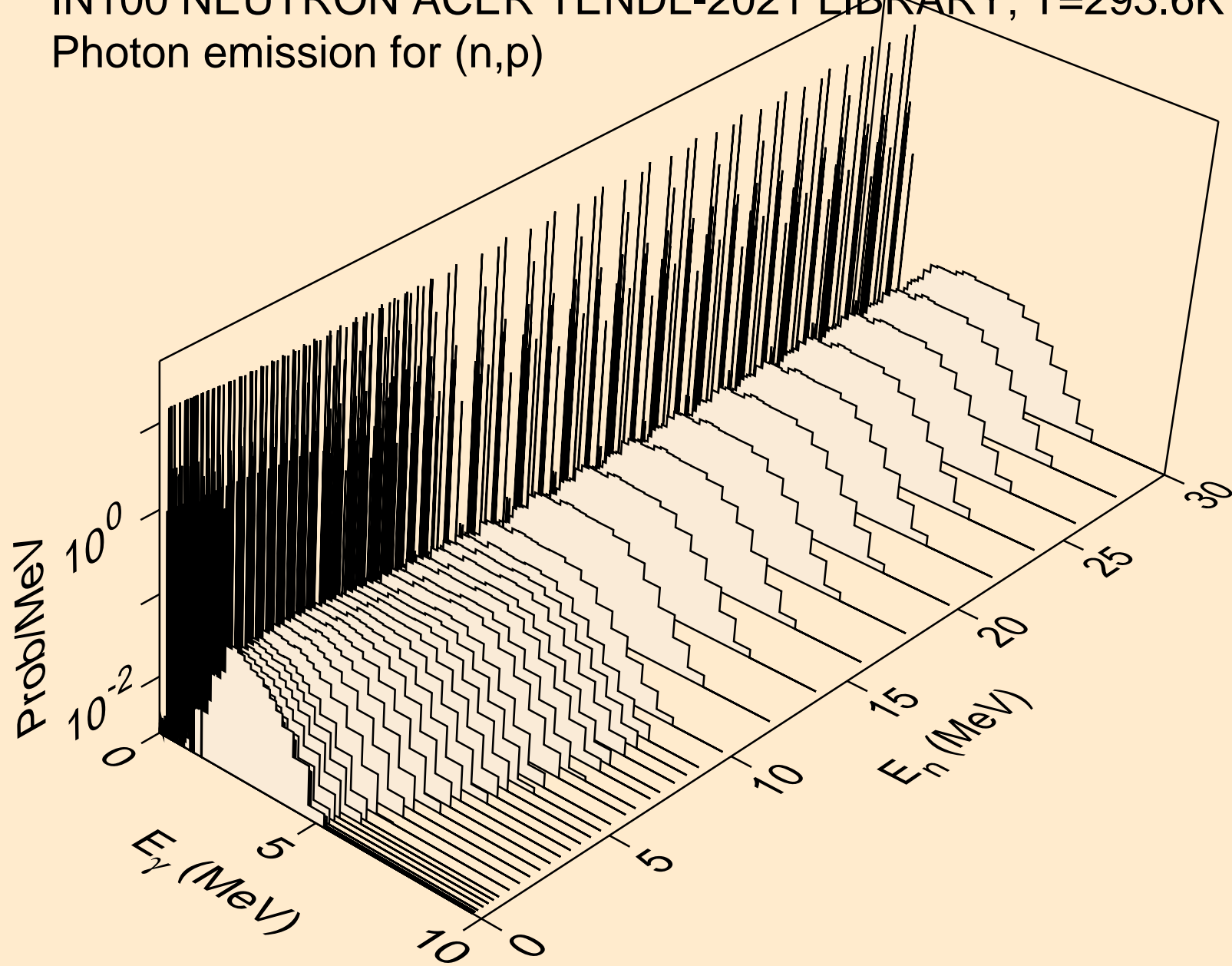
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Photon emission for (n,n\*c)



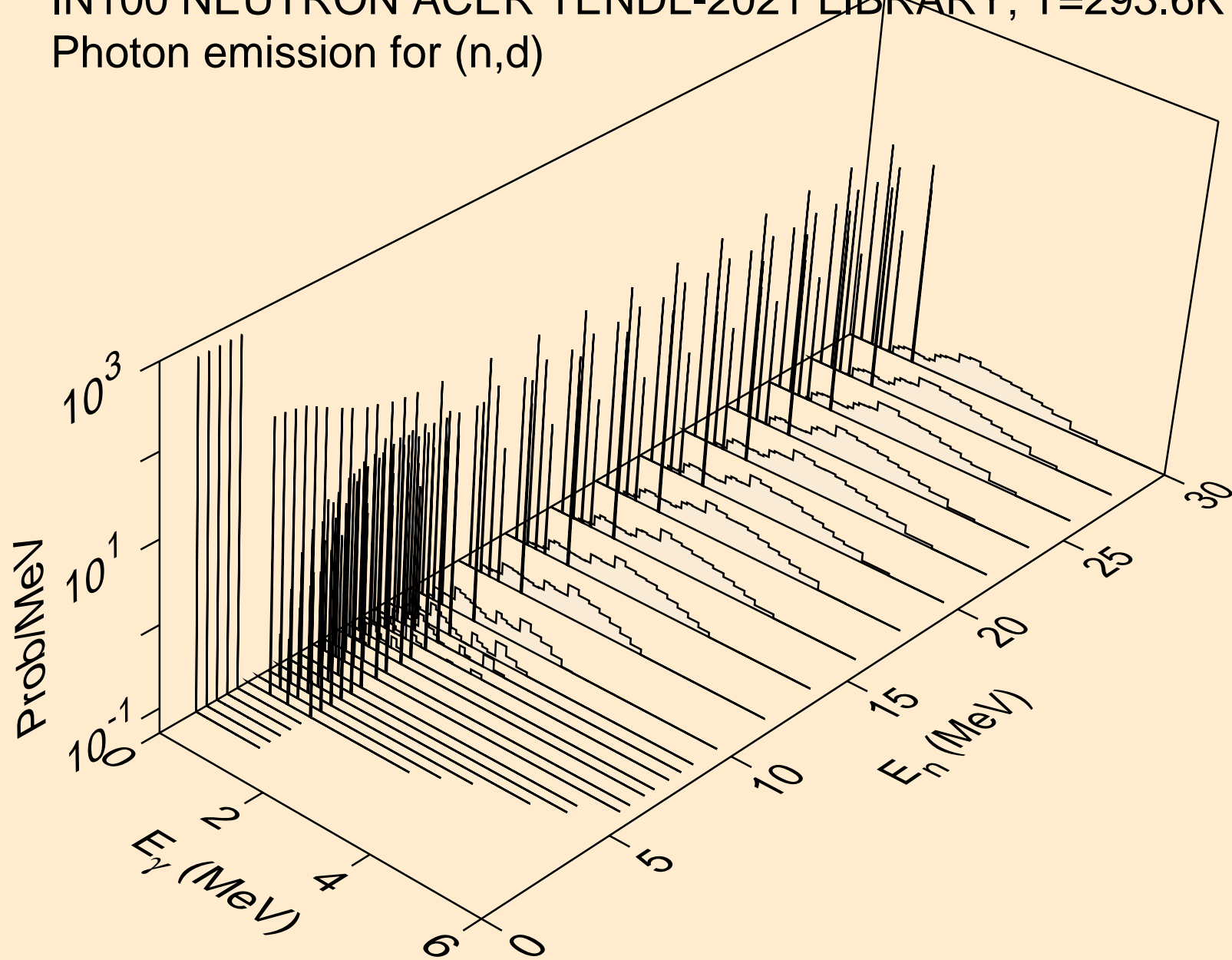
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Photon emission for (n,gma)



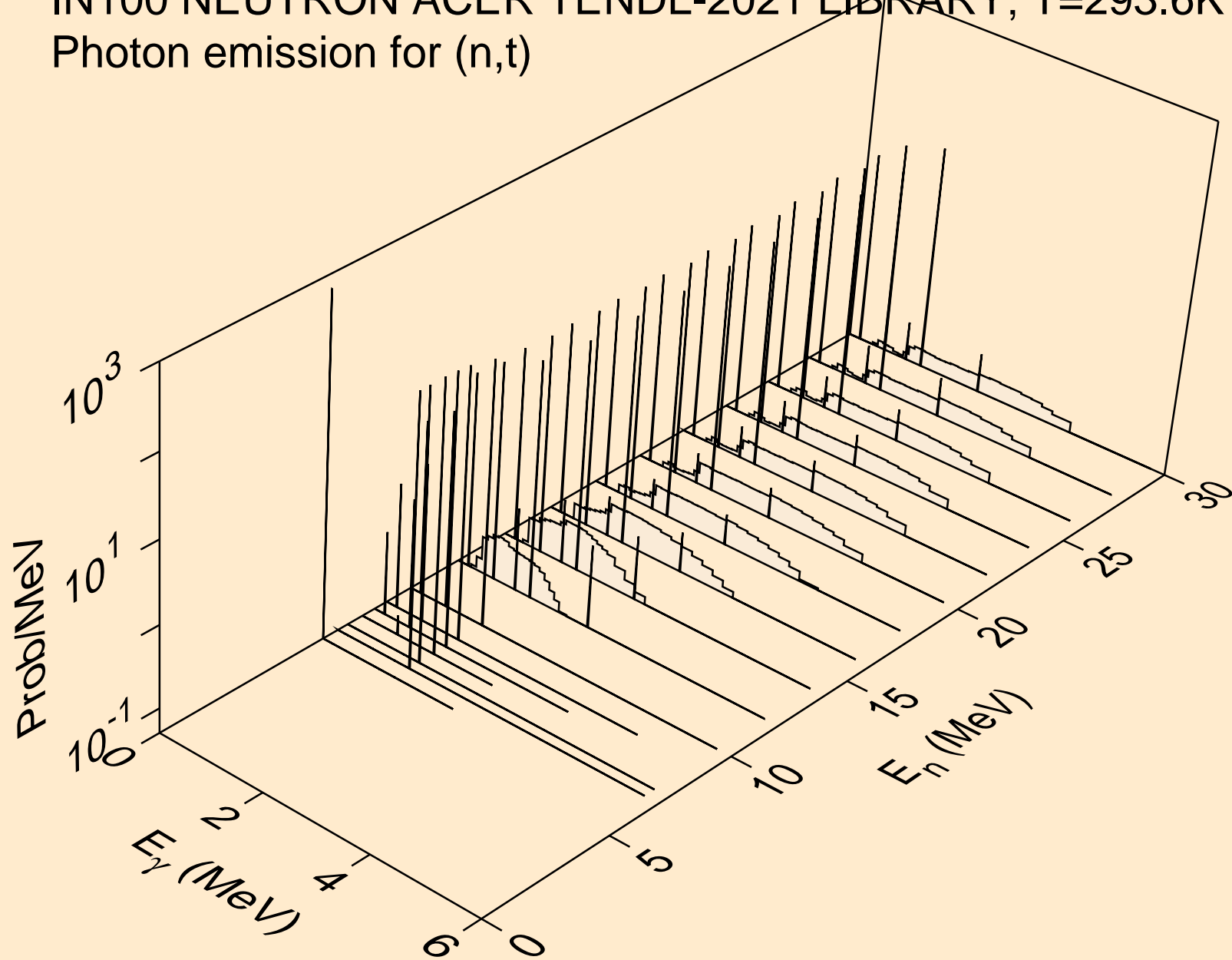
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



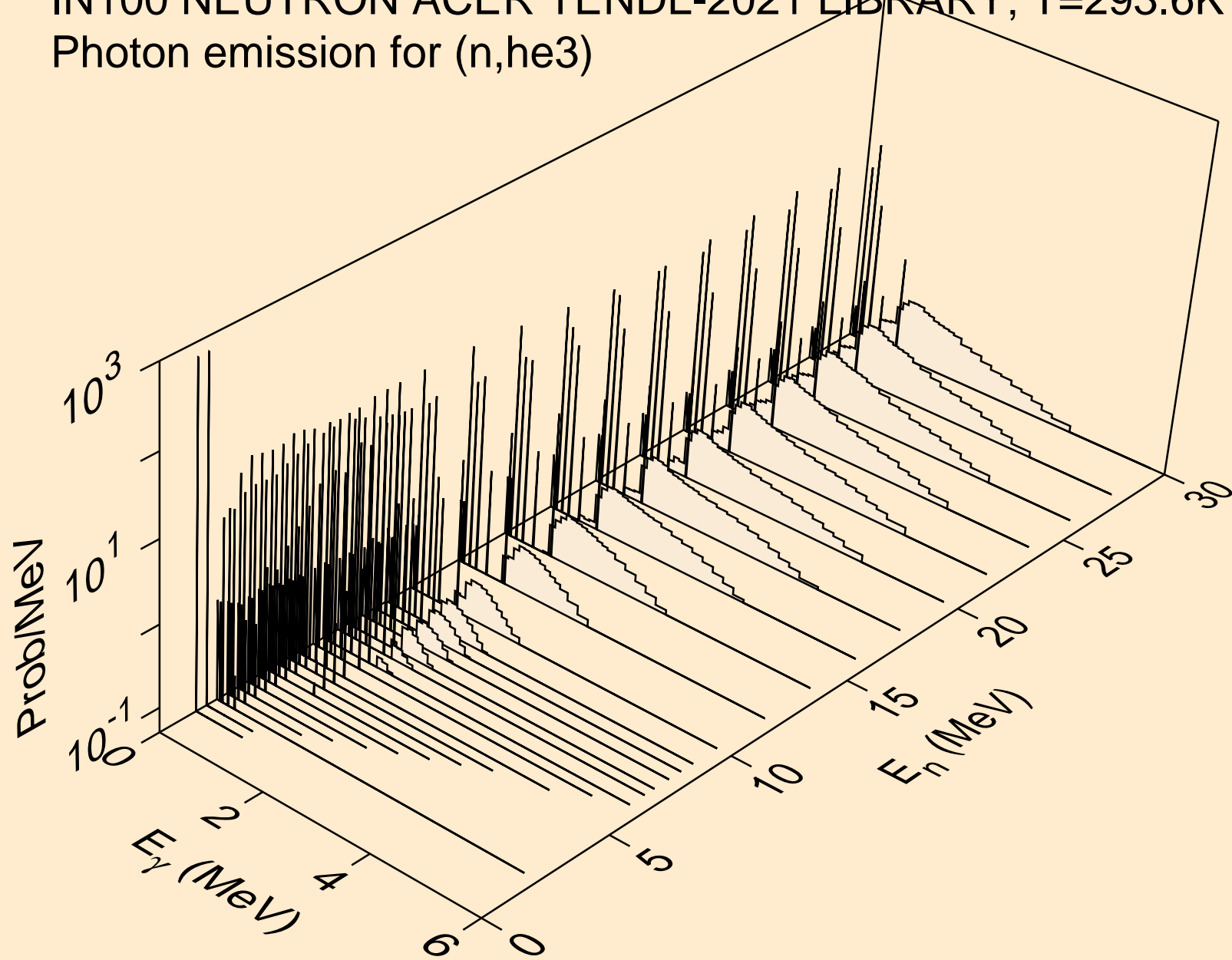
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Photon emission for (n,d)



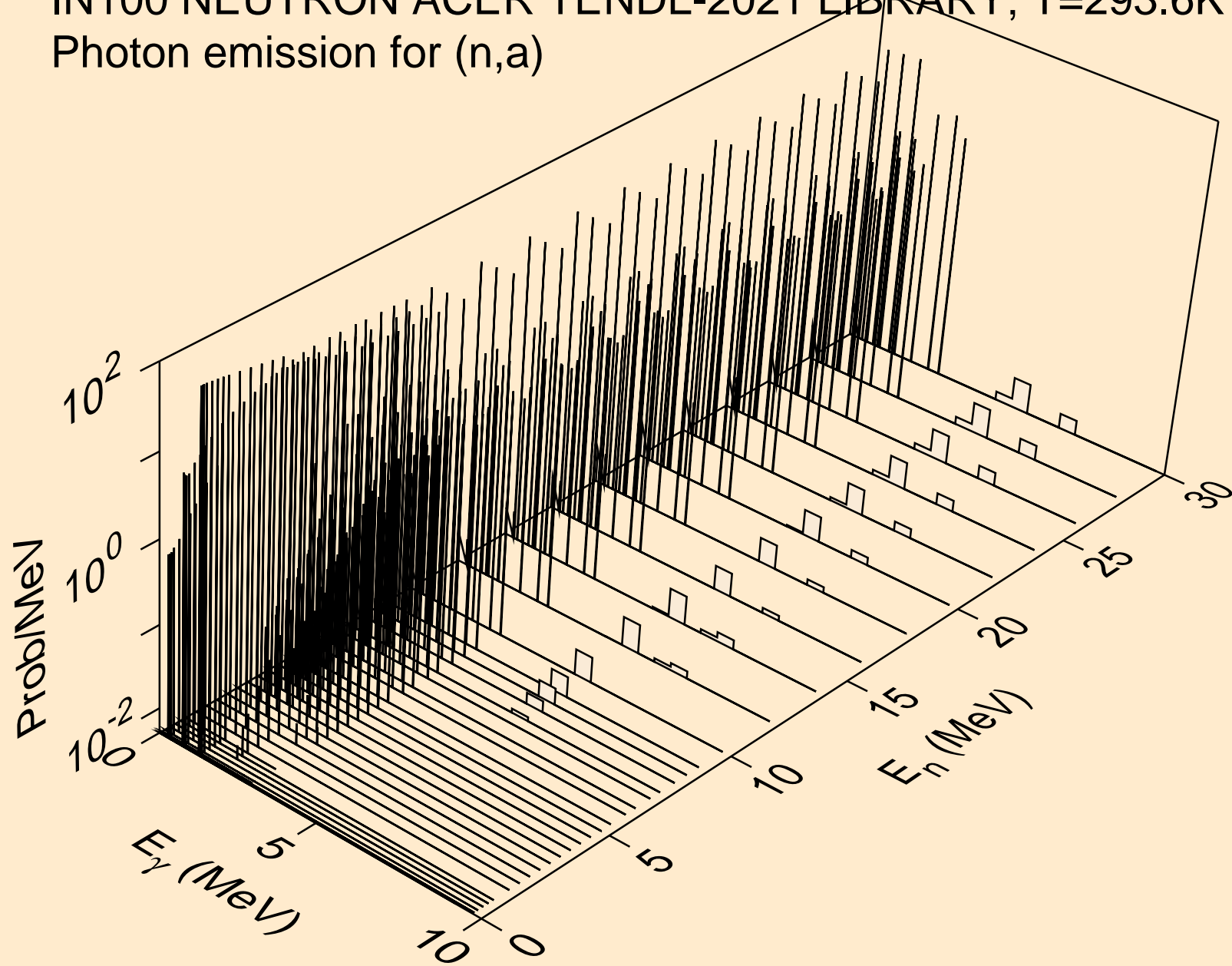
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

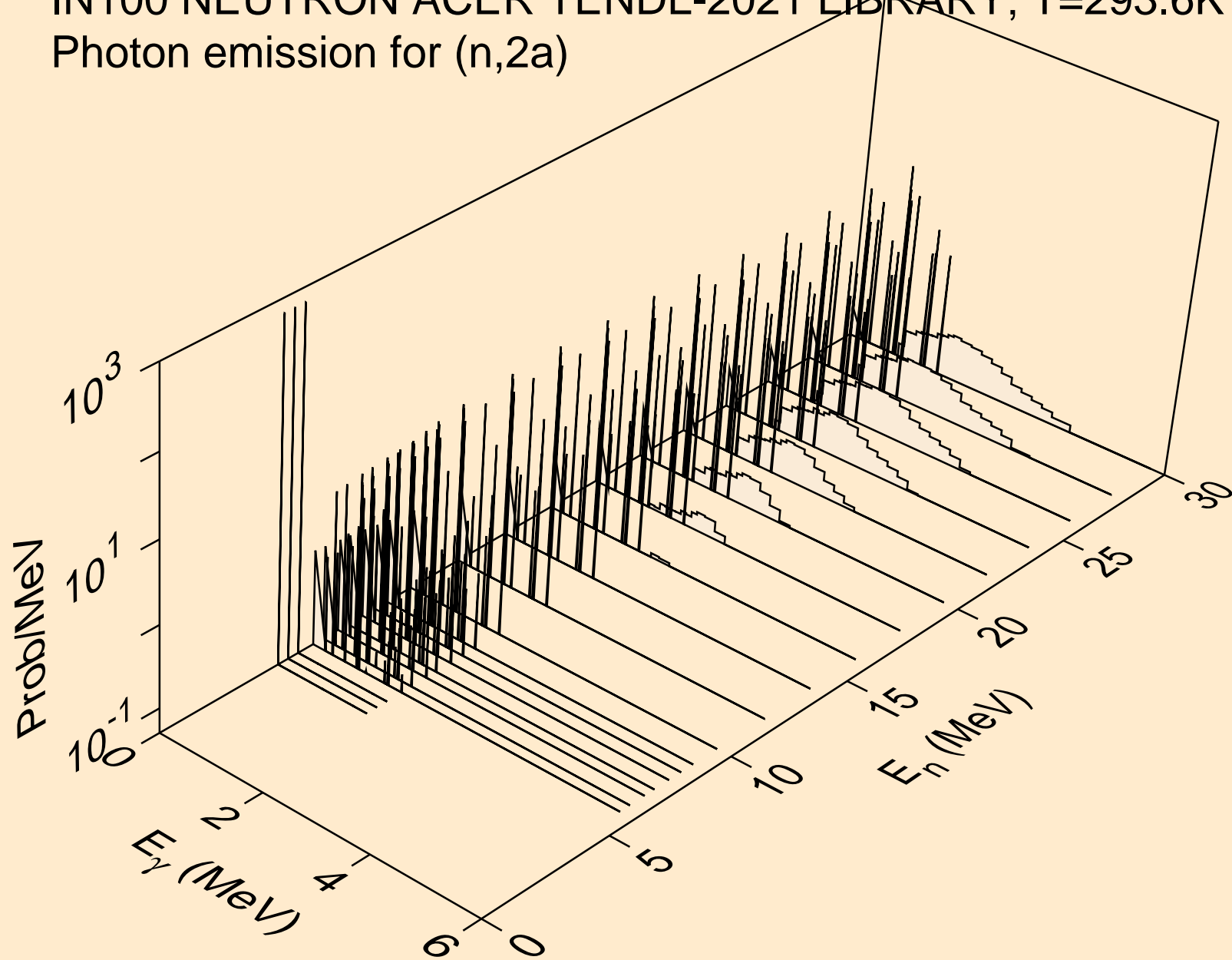


IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

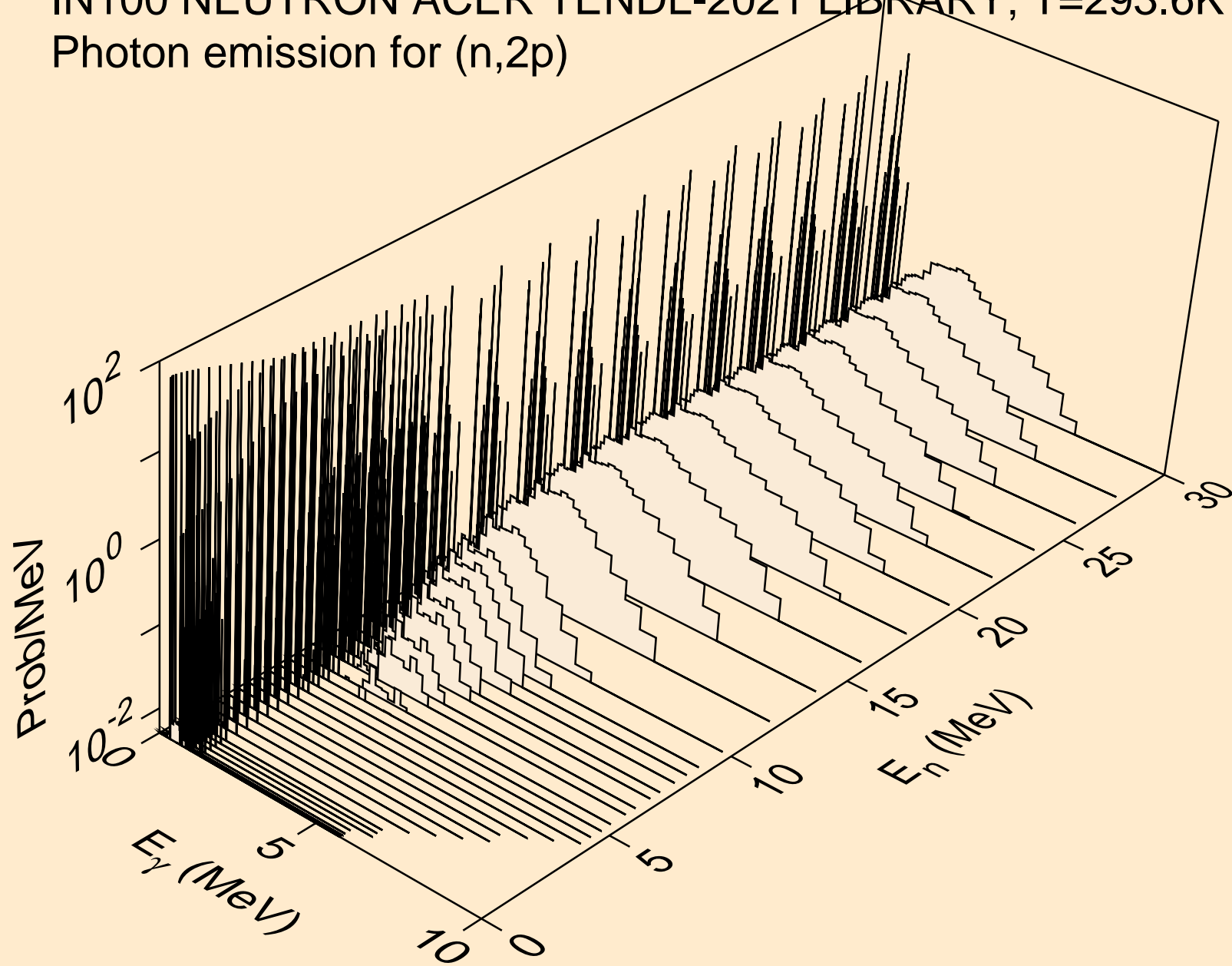




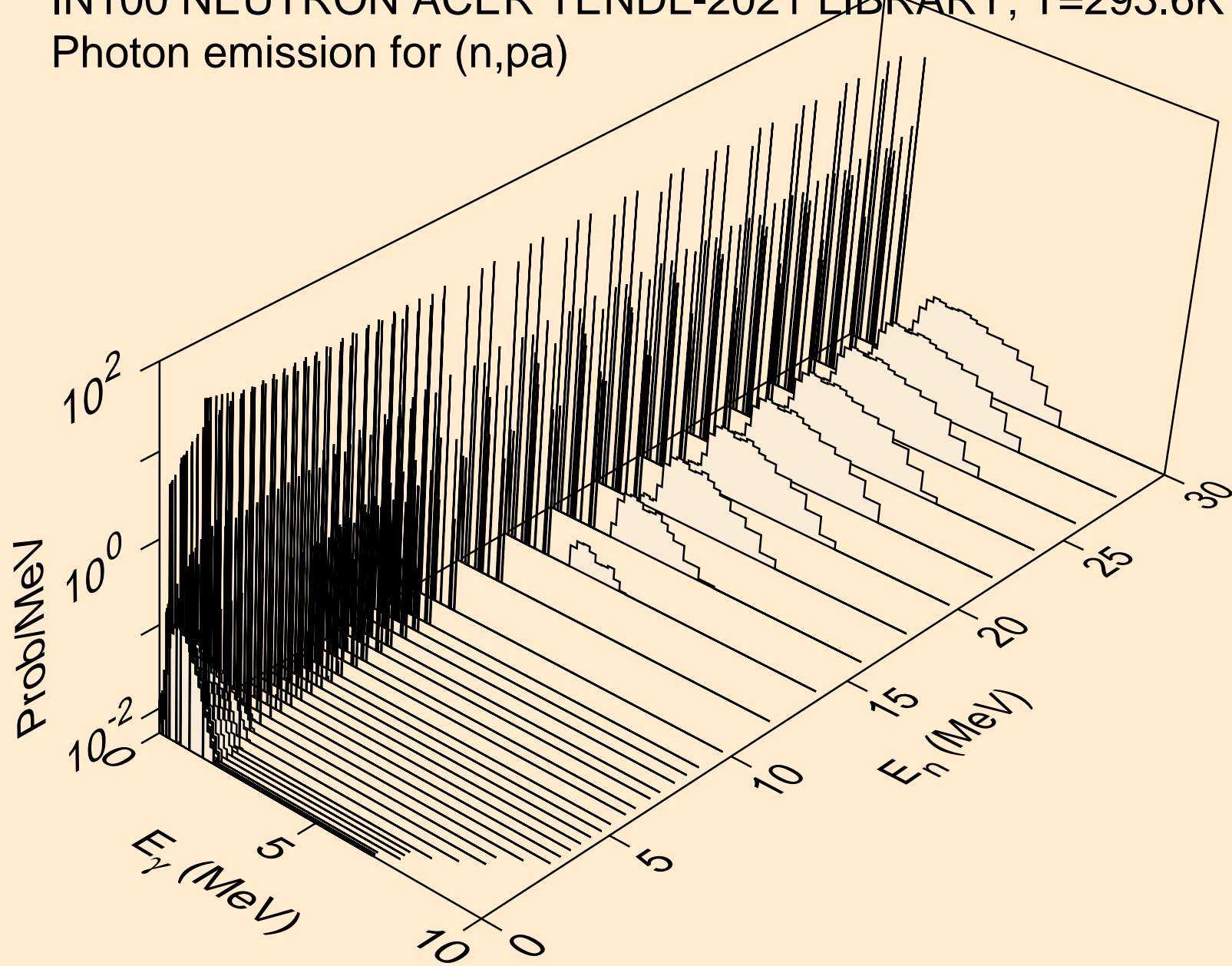
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



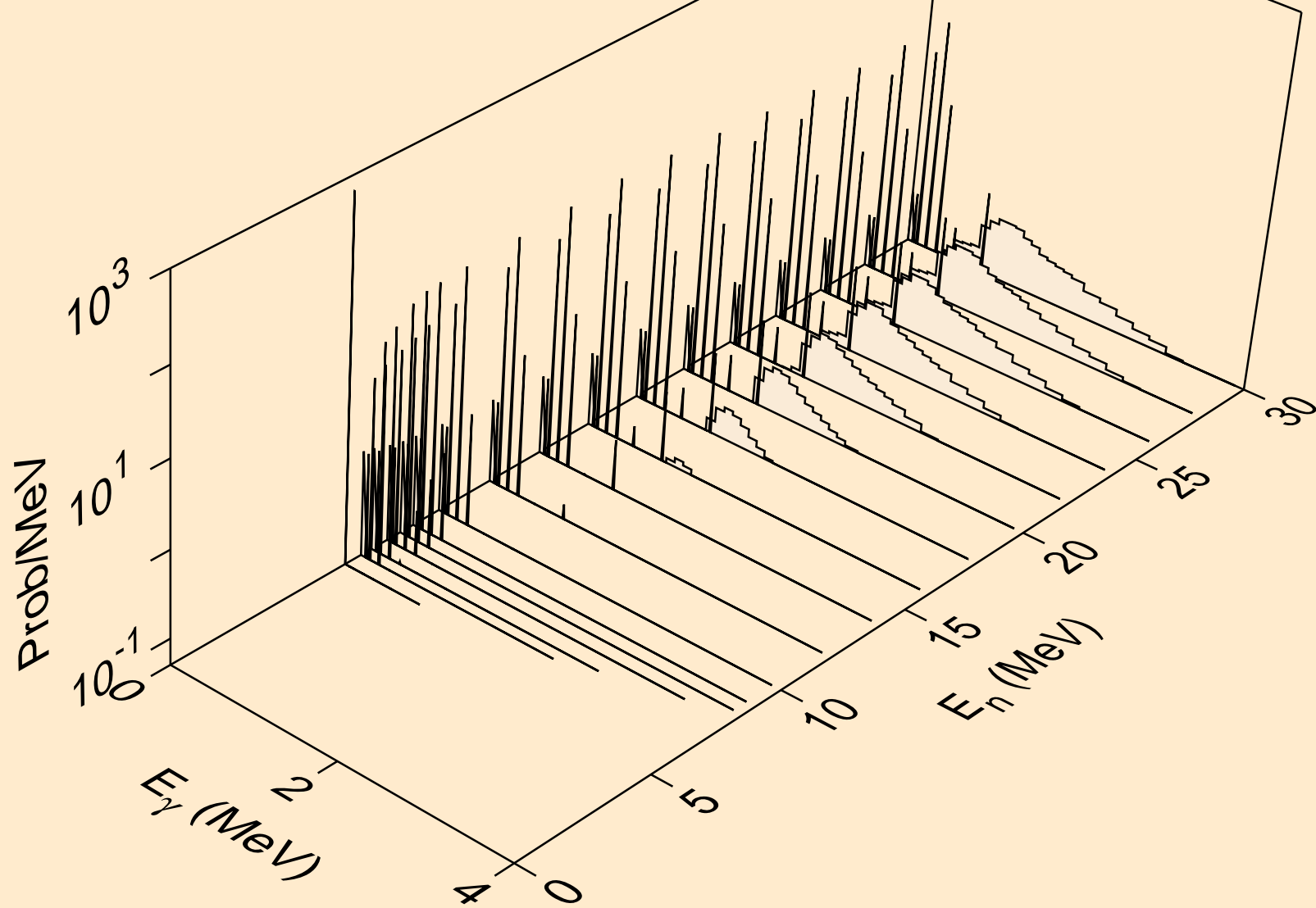
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Photon emission for (n,2p)



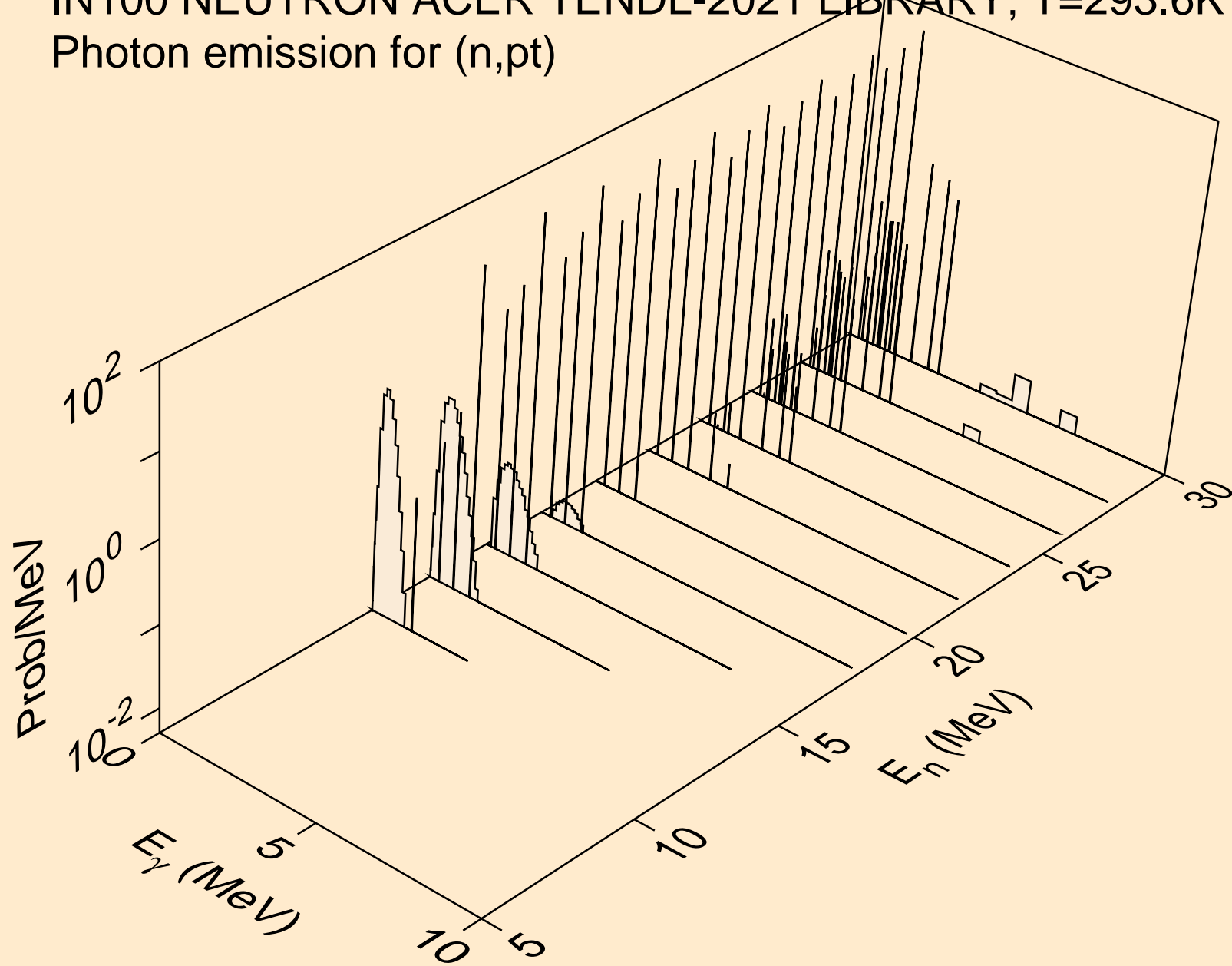
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Photon emission for (n,p)



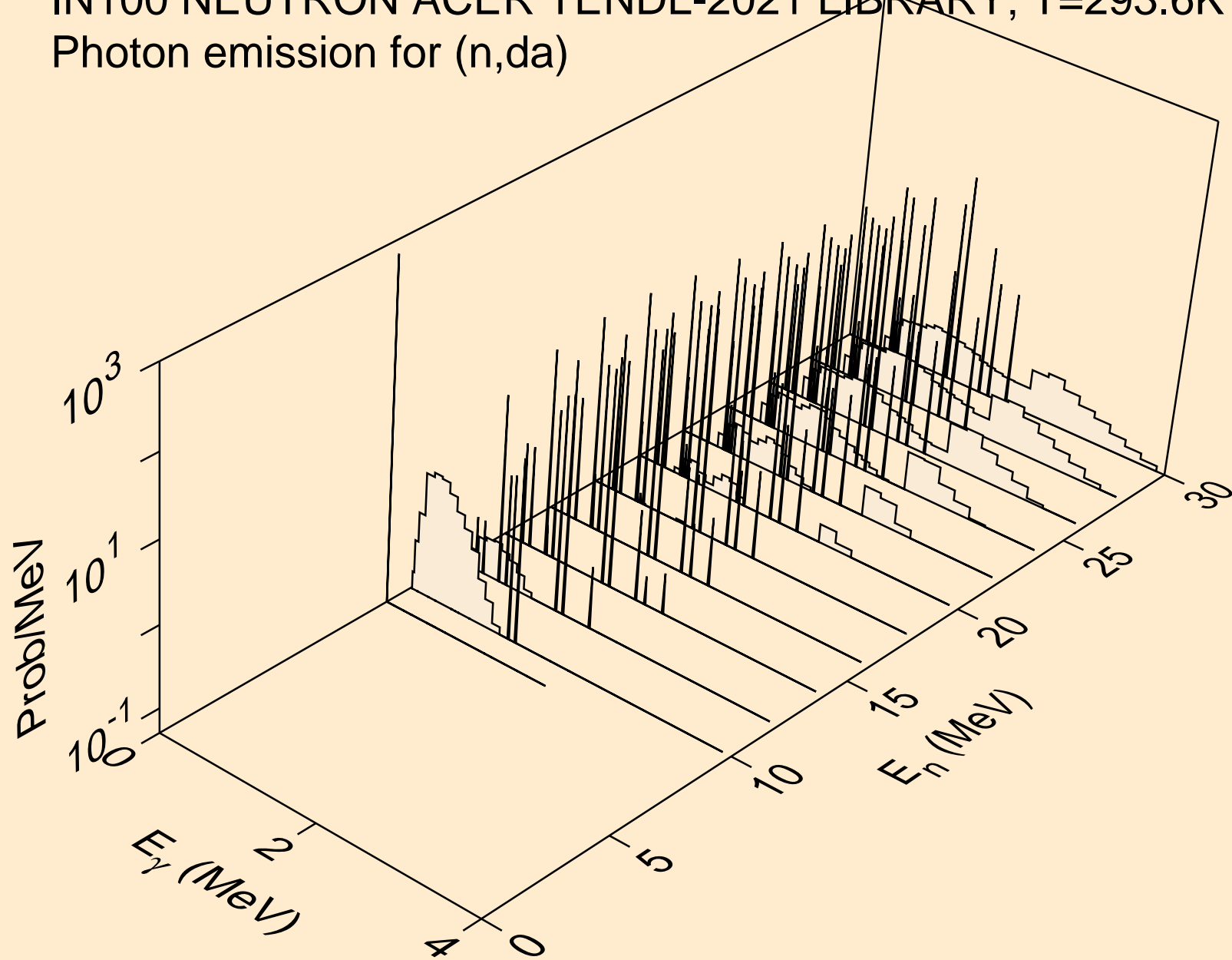
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Photon emission for (n,pd)



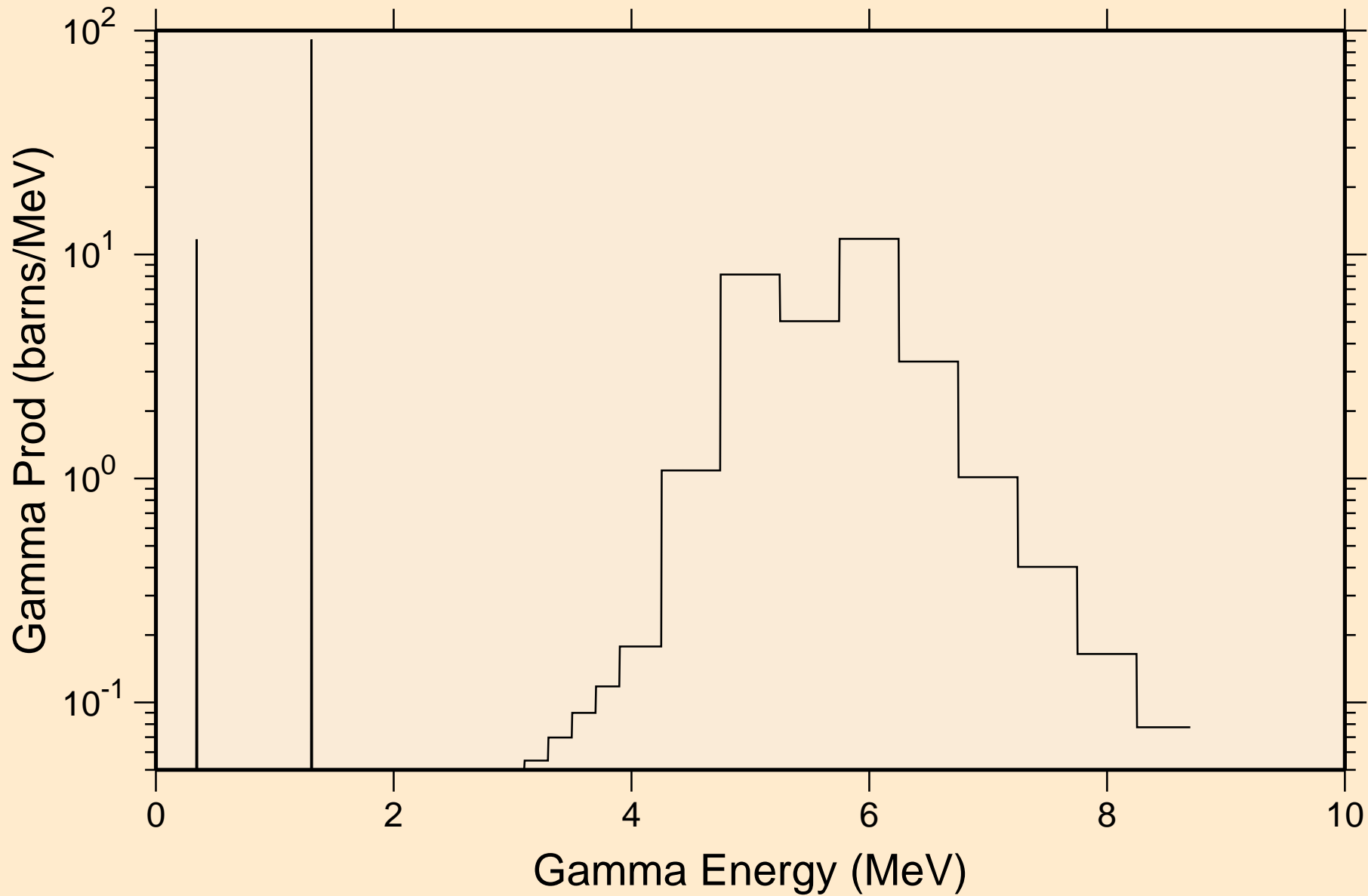
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Photon emission for (n,pt)



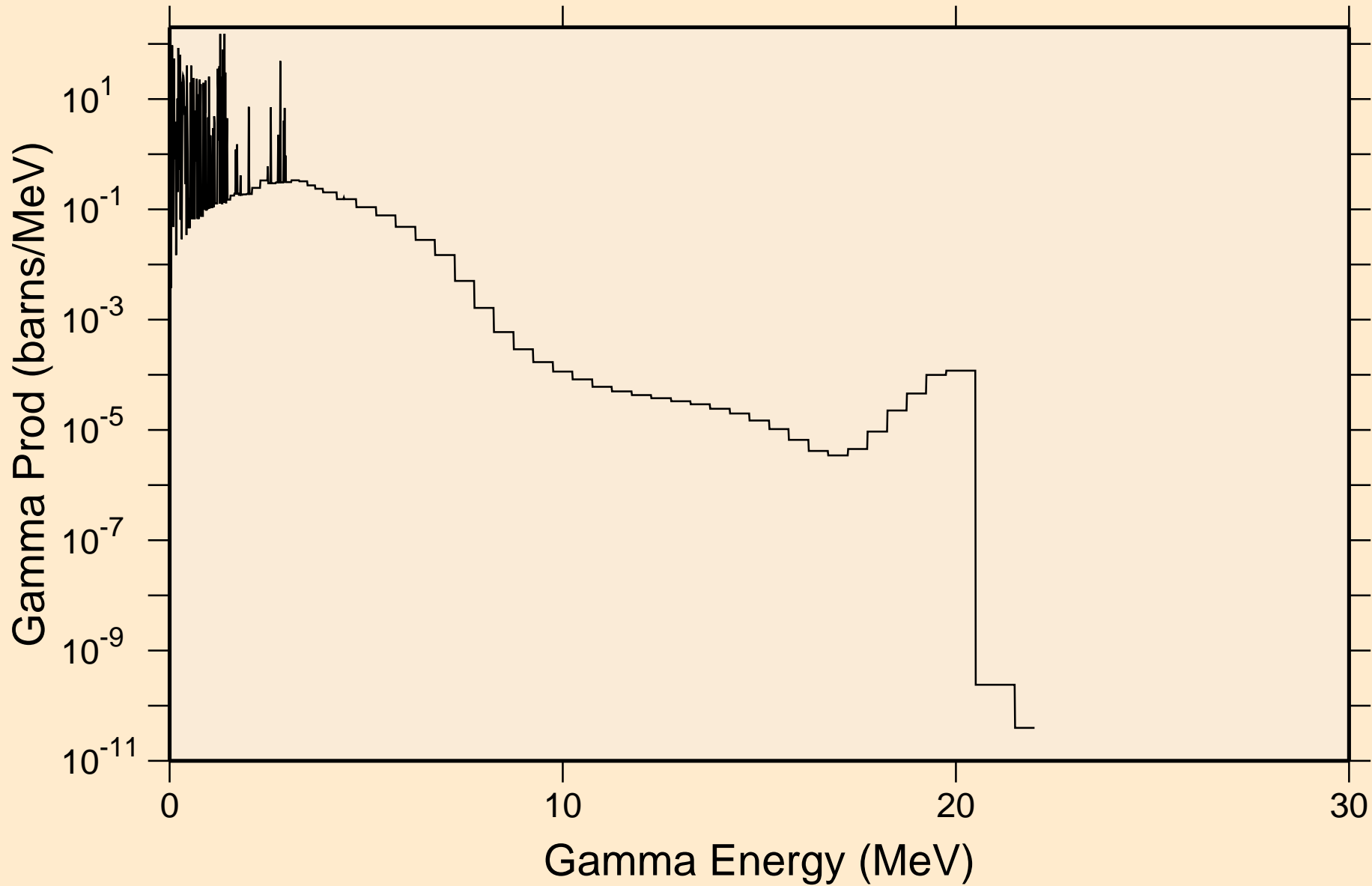
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



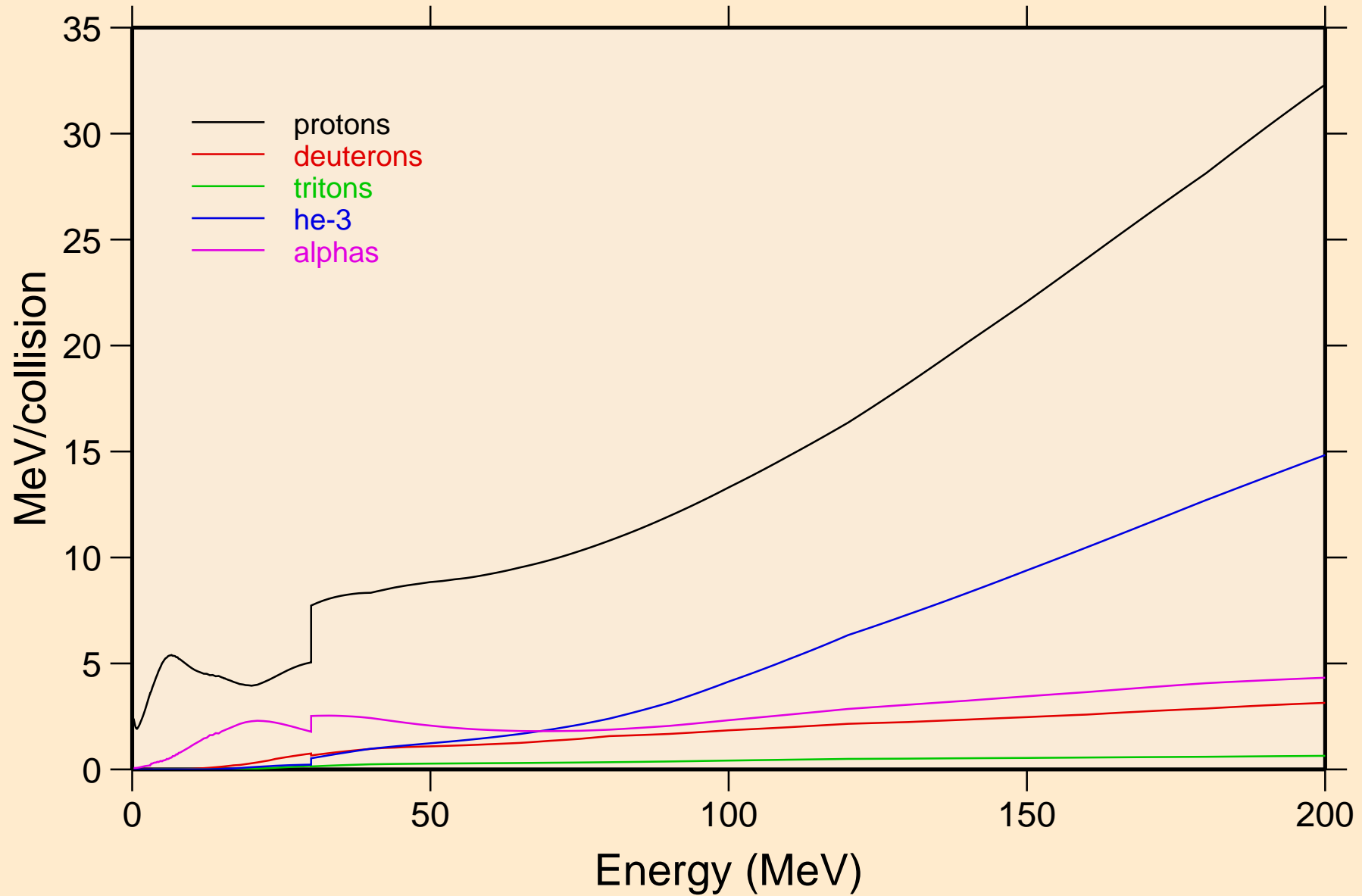
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14 MeV photon spectrum



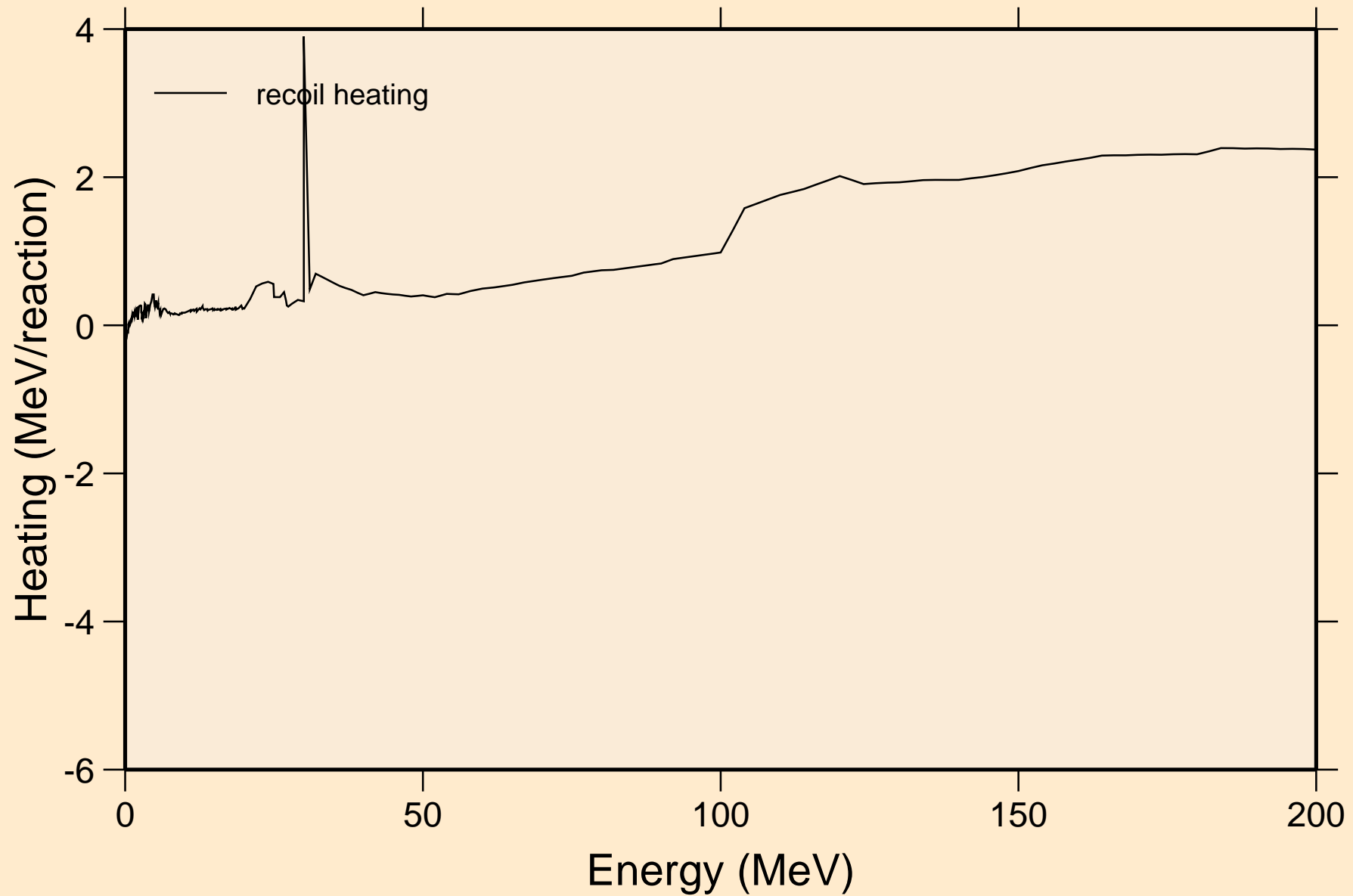


# IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

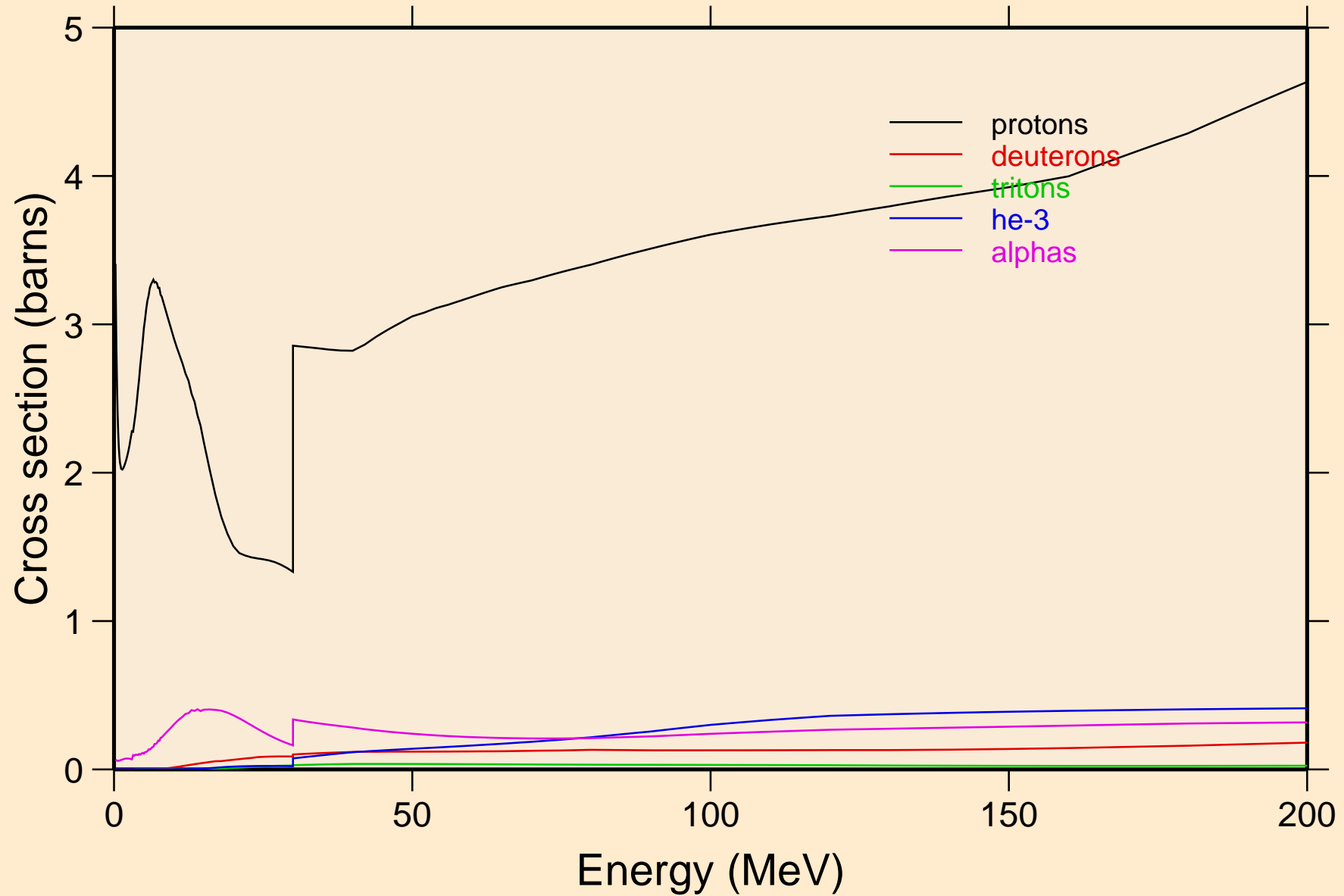
## Particle heating contributions



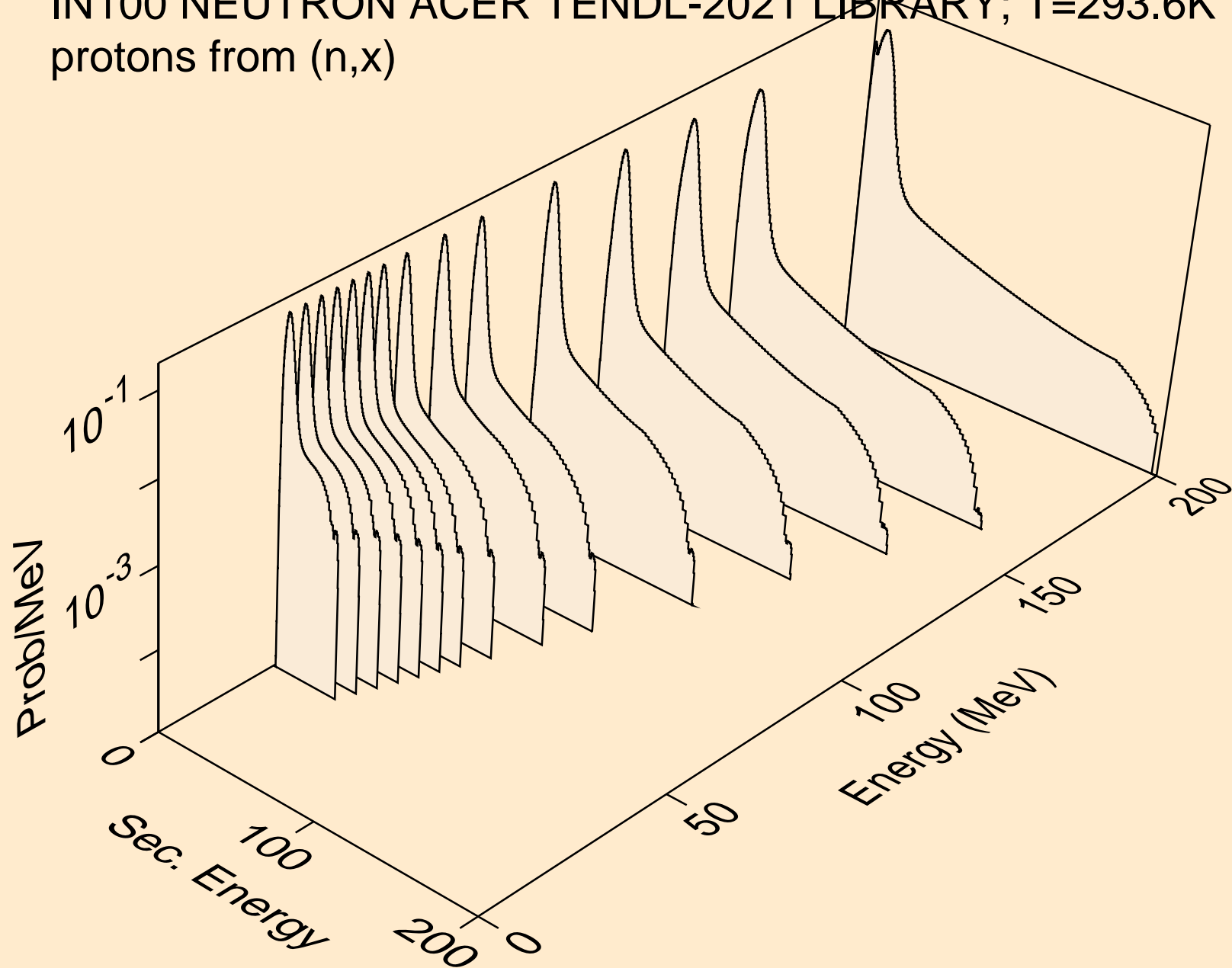
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Recoil Heating



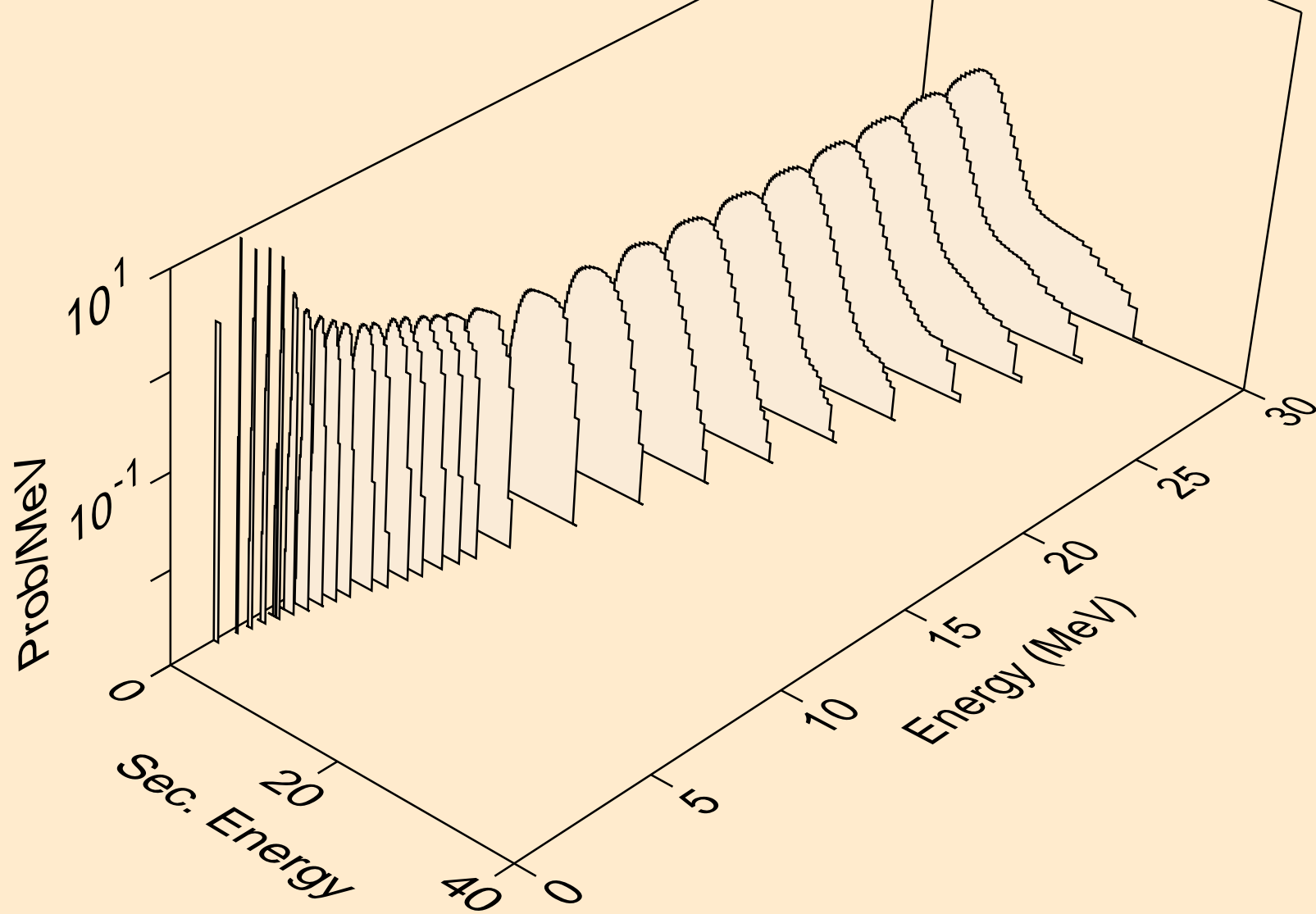
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Particle production cross sections



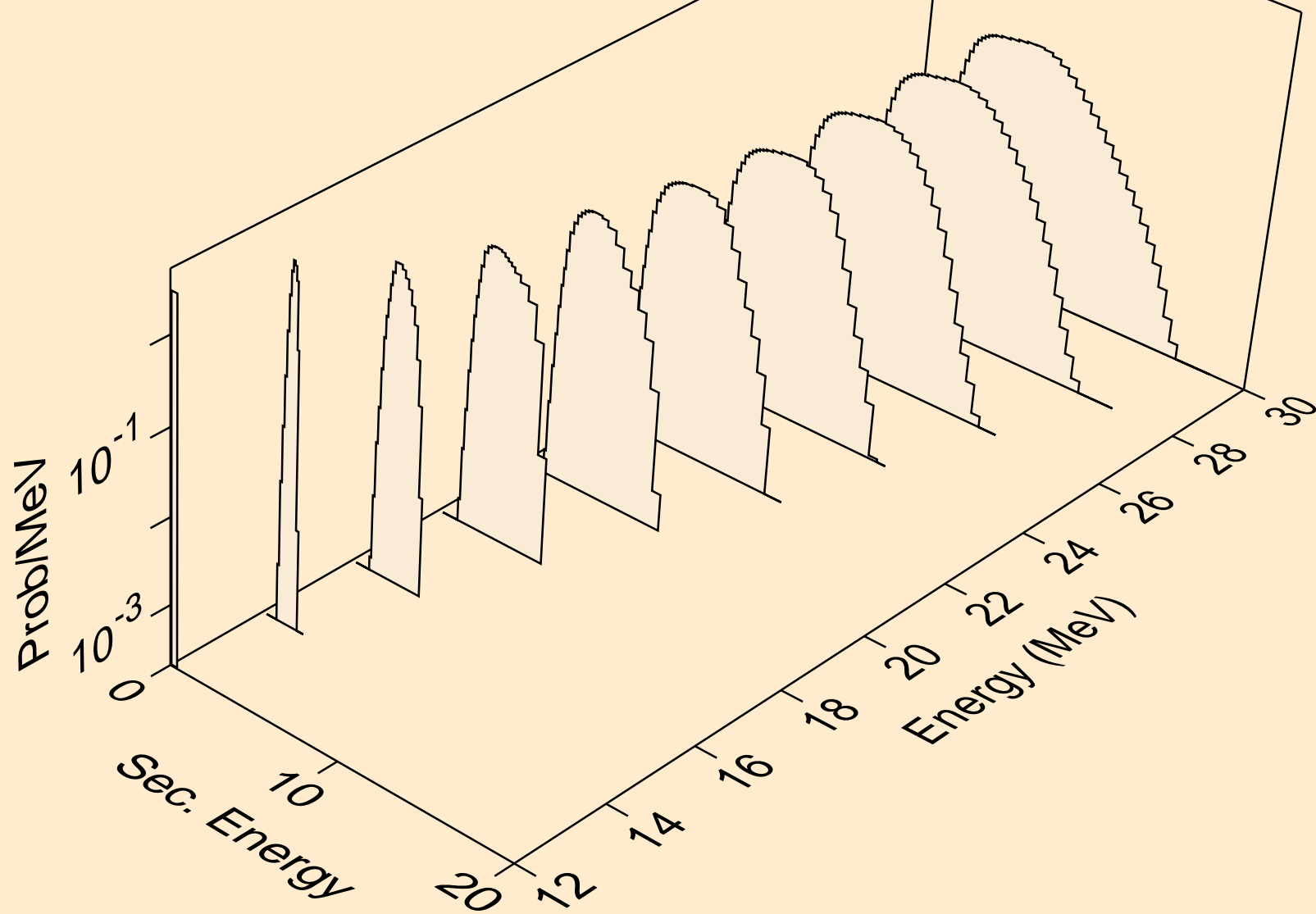
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



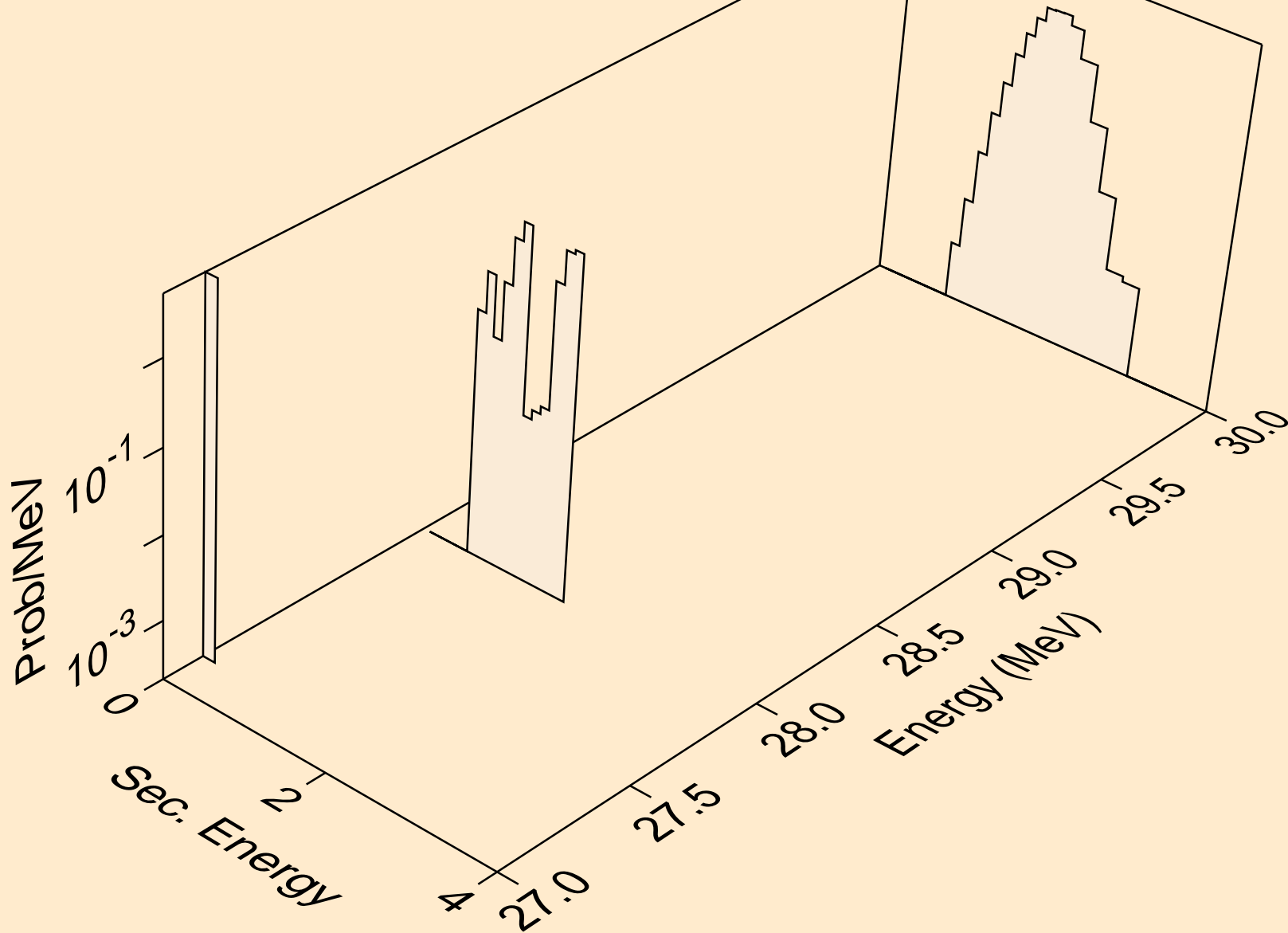
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protons from (n,n\*)p



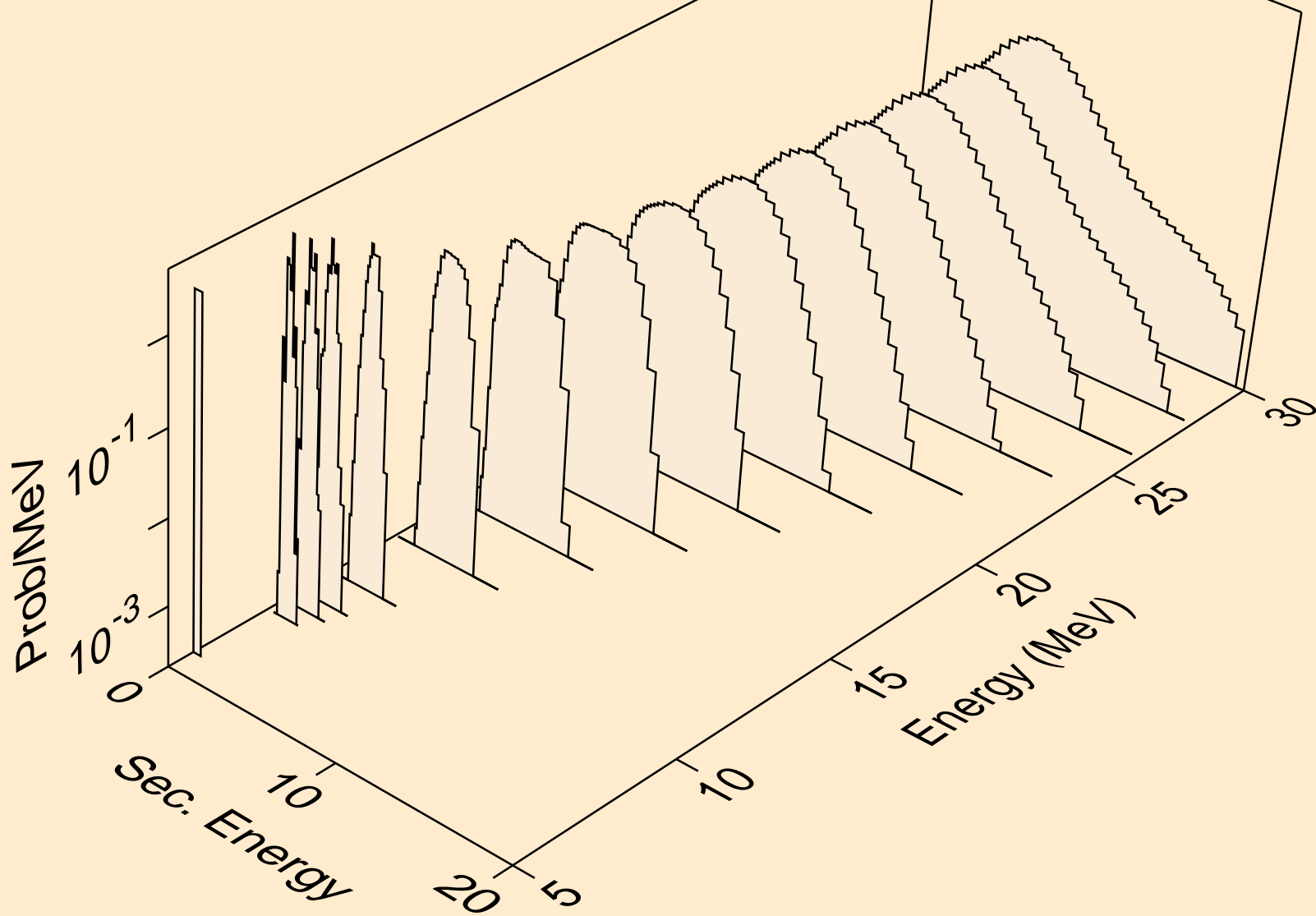
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)

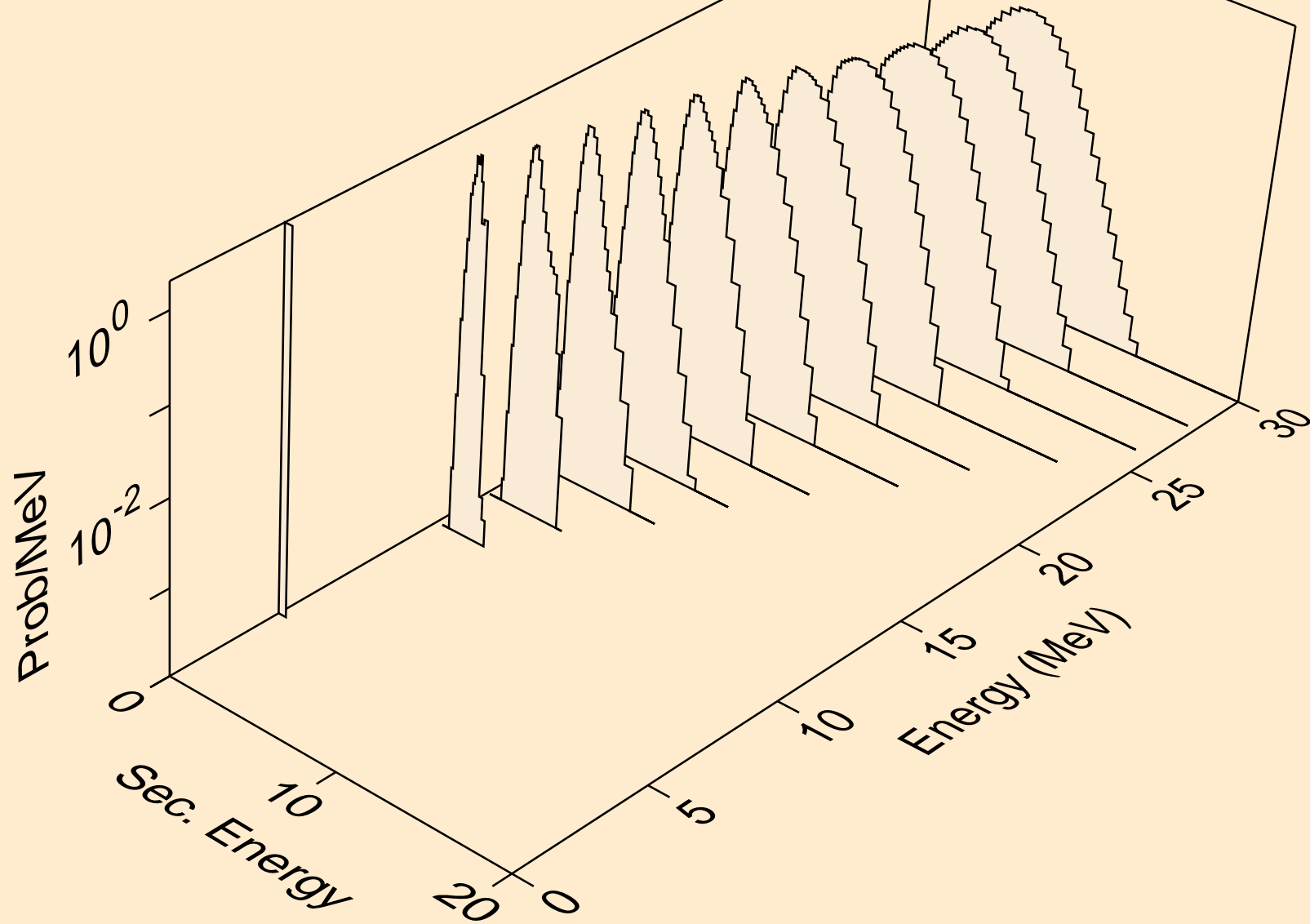


IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

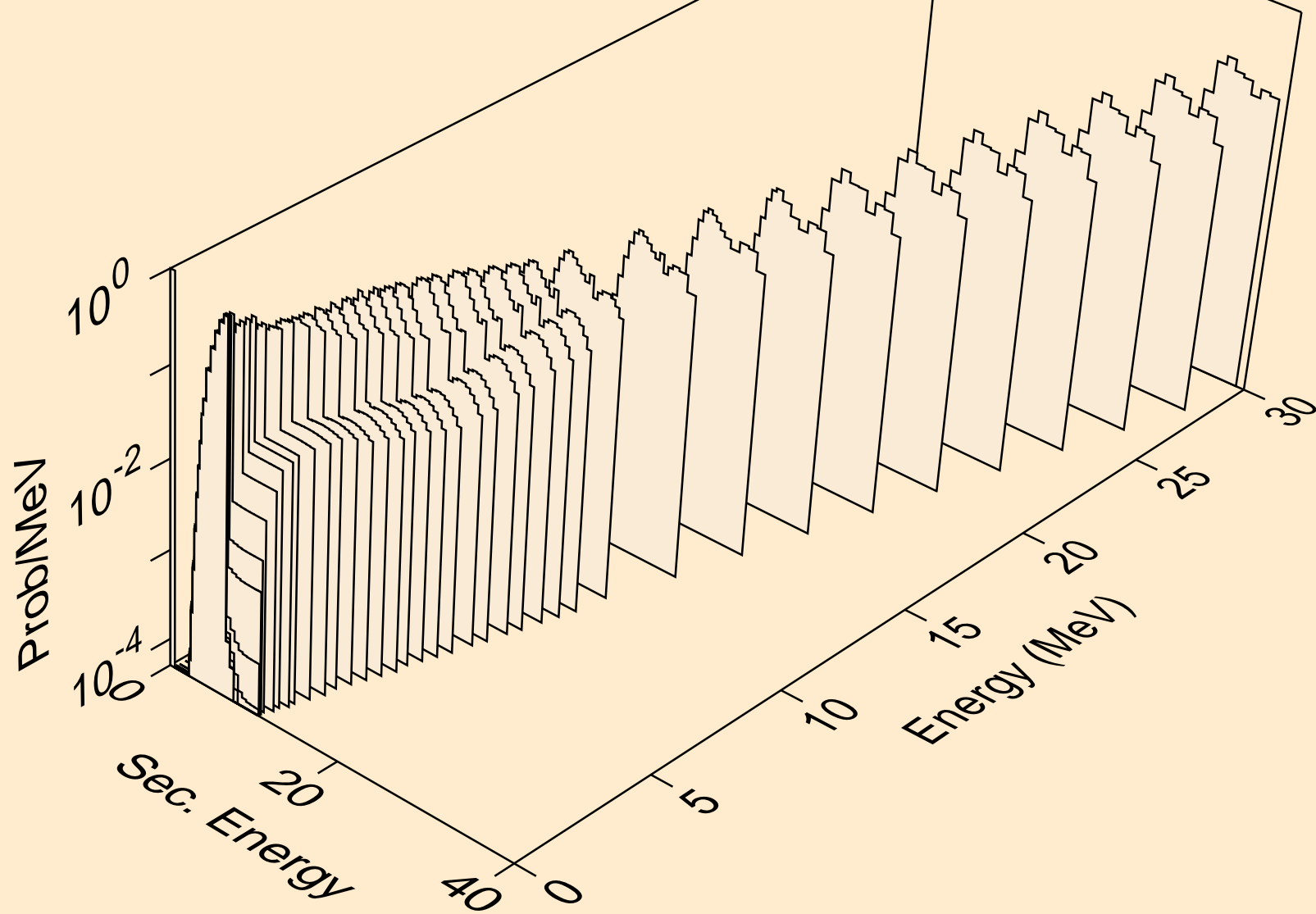




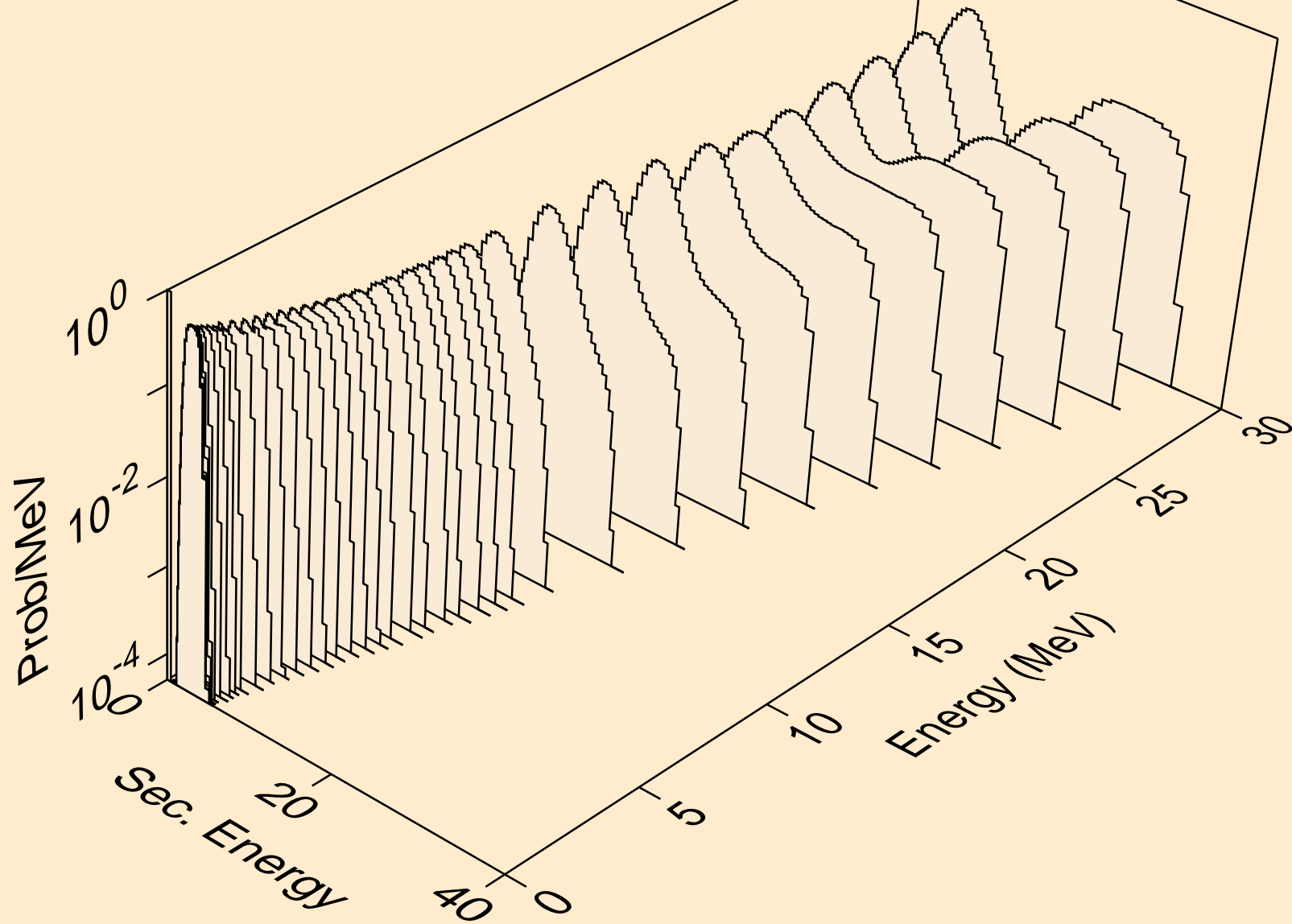
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protons from (n,npa)



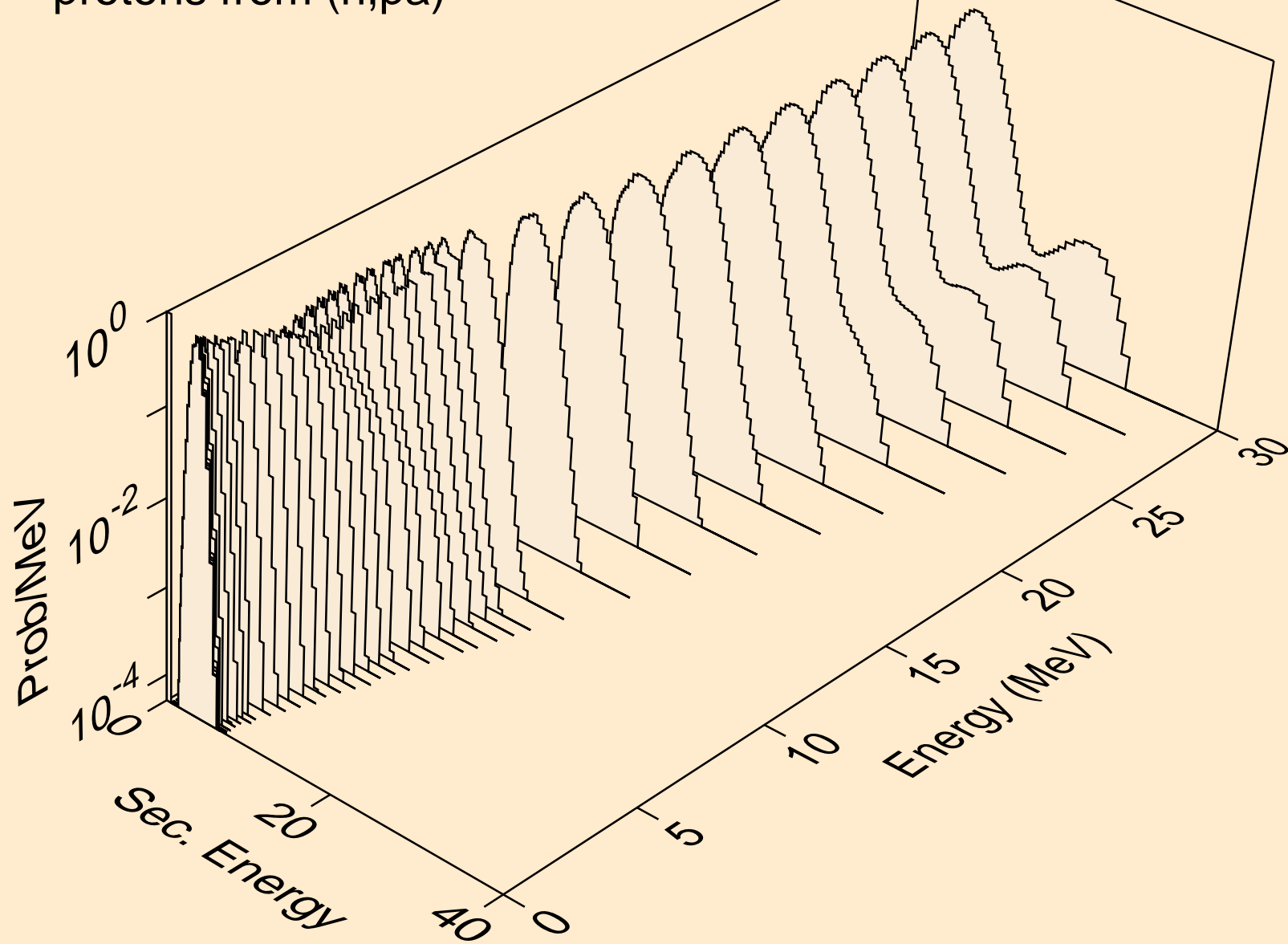
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protons from (n,p)



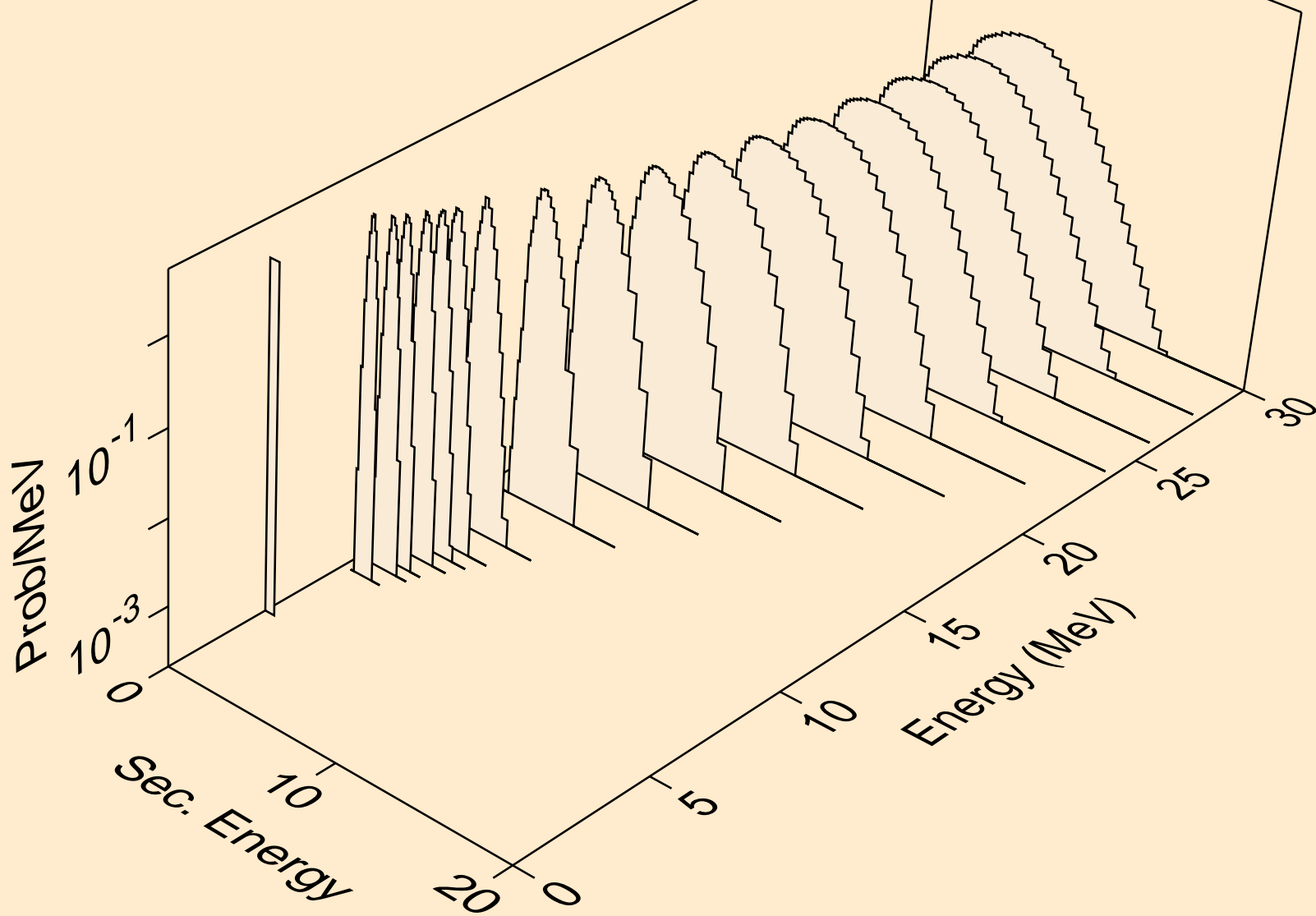
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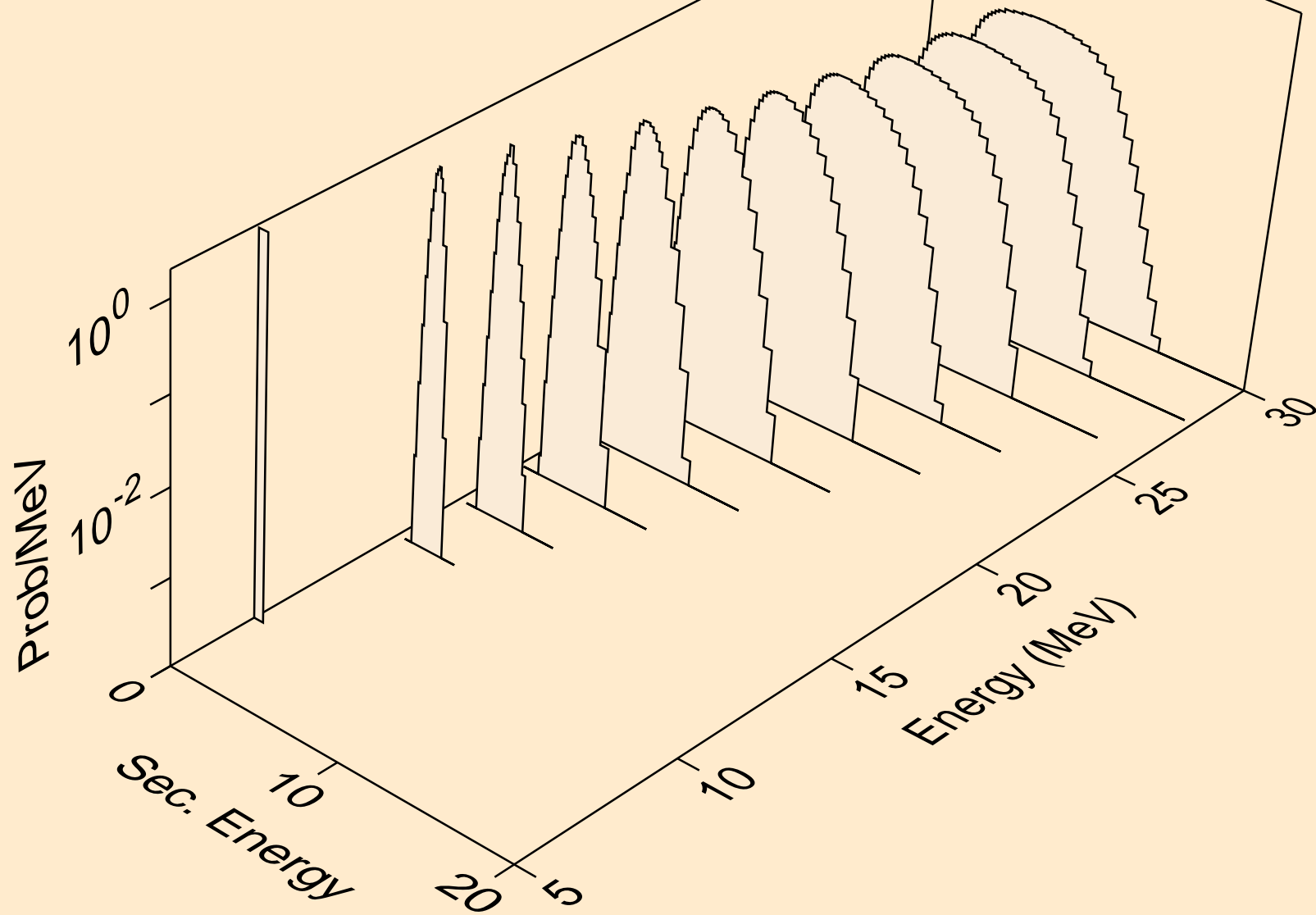
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protons from (n,p)



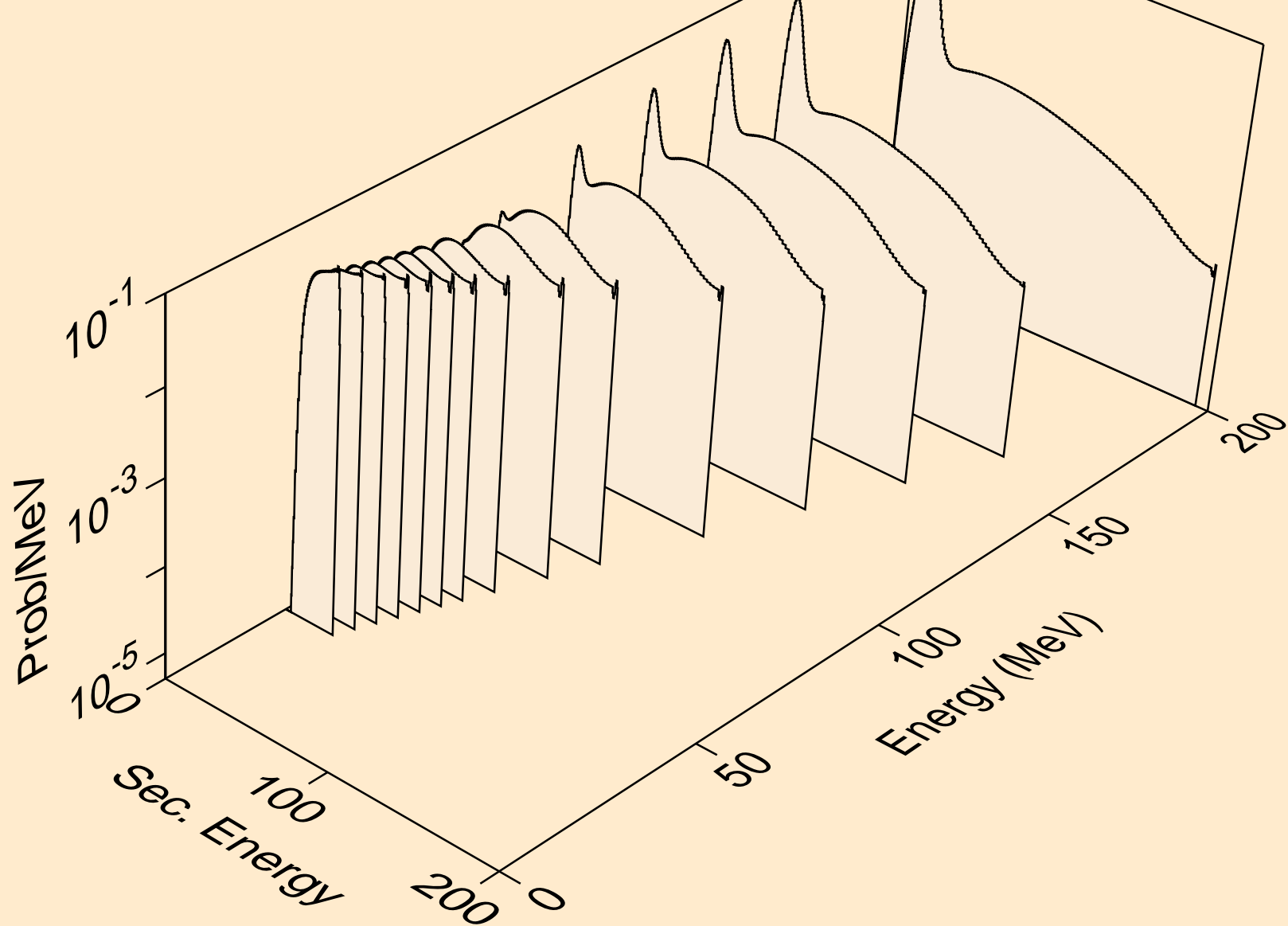
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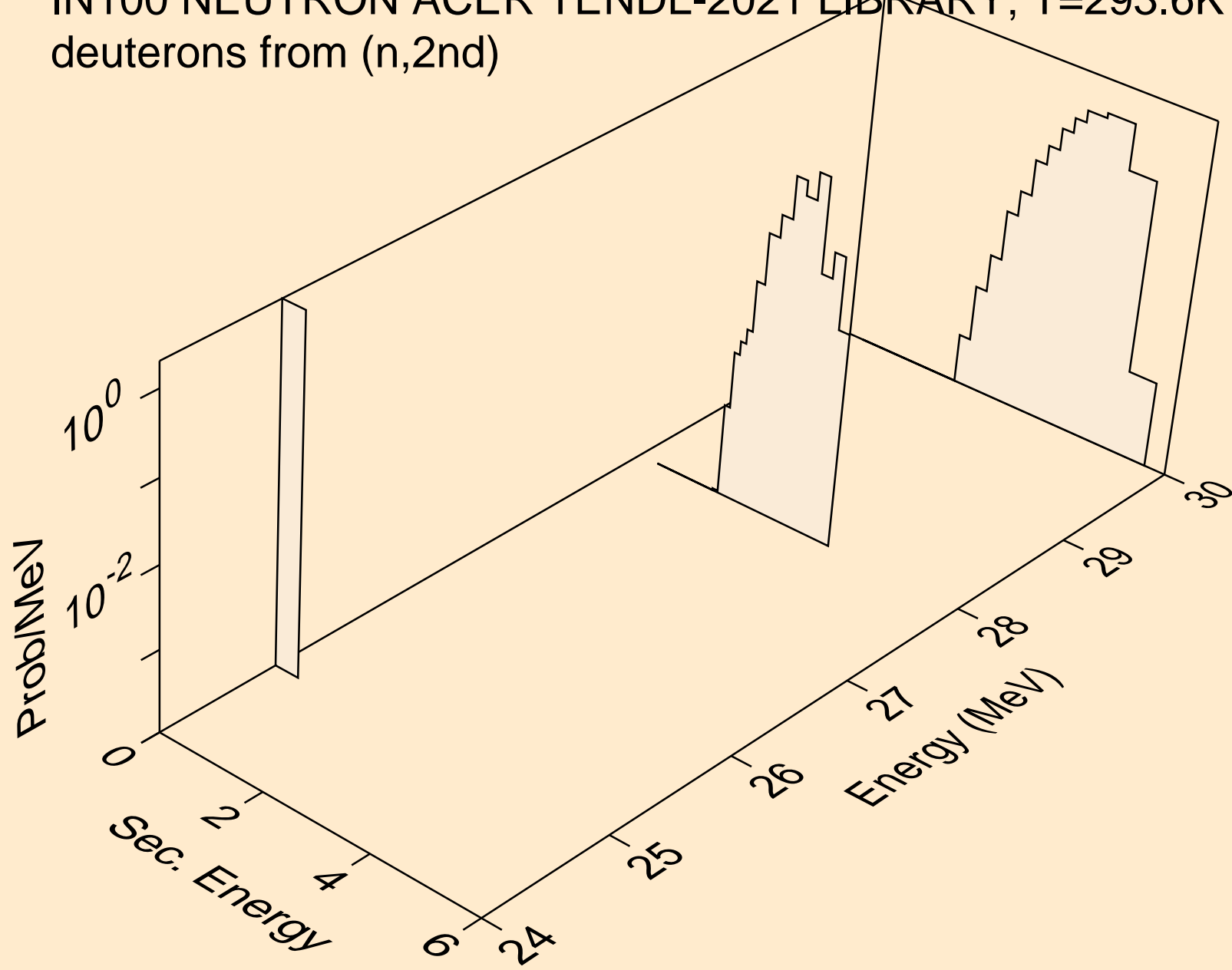
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protons from (n,pt)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

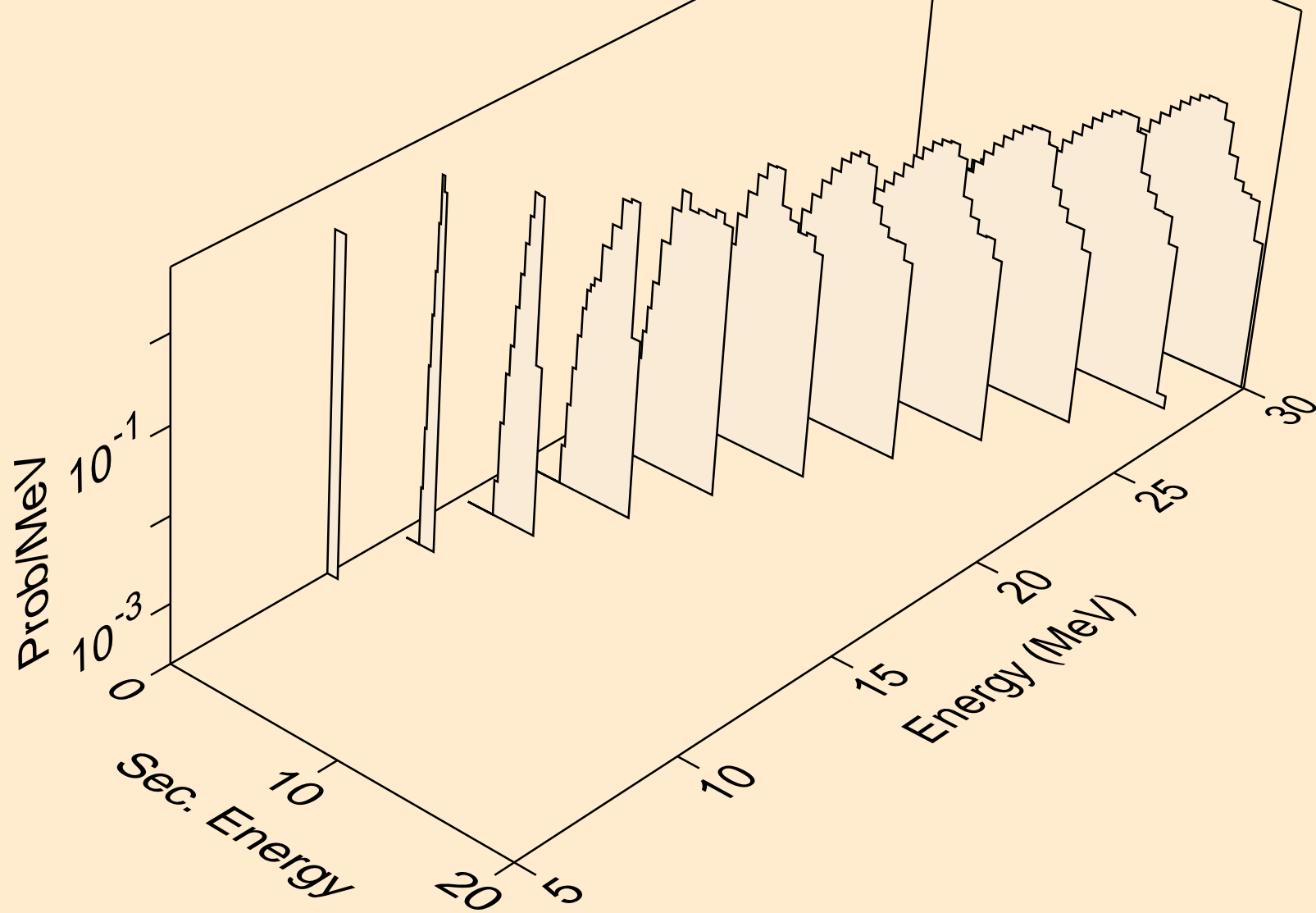


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deuterons from (n,2nd)

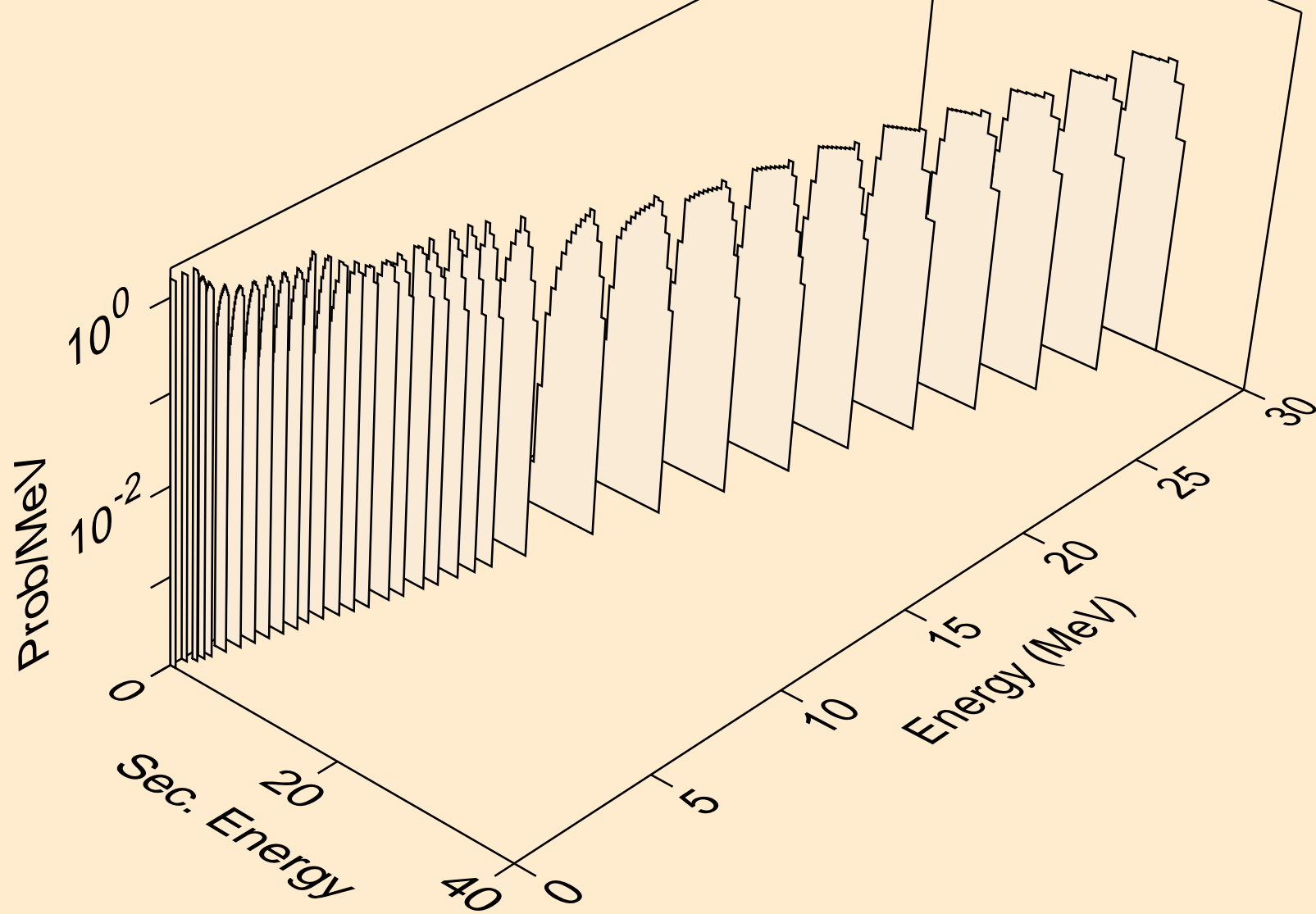




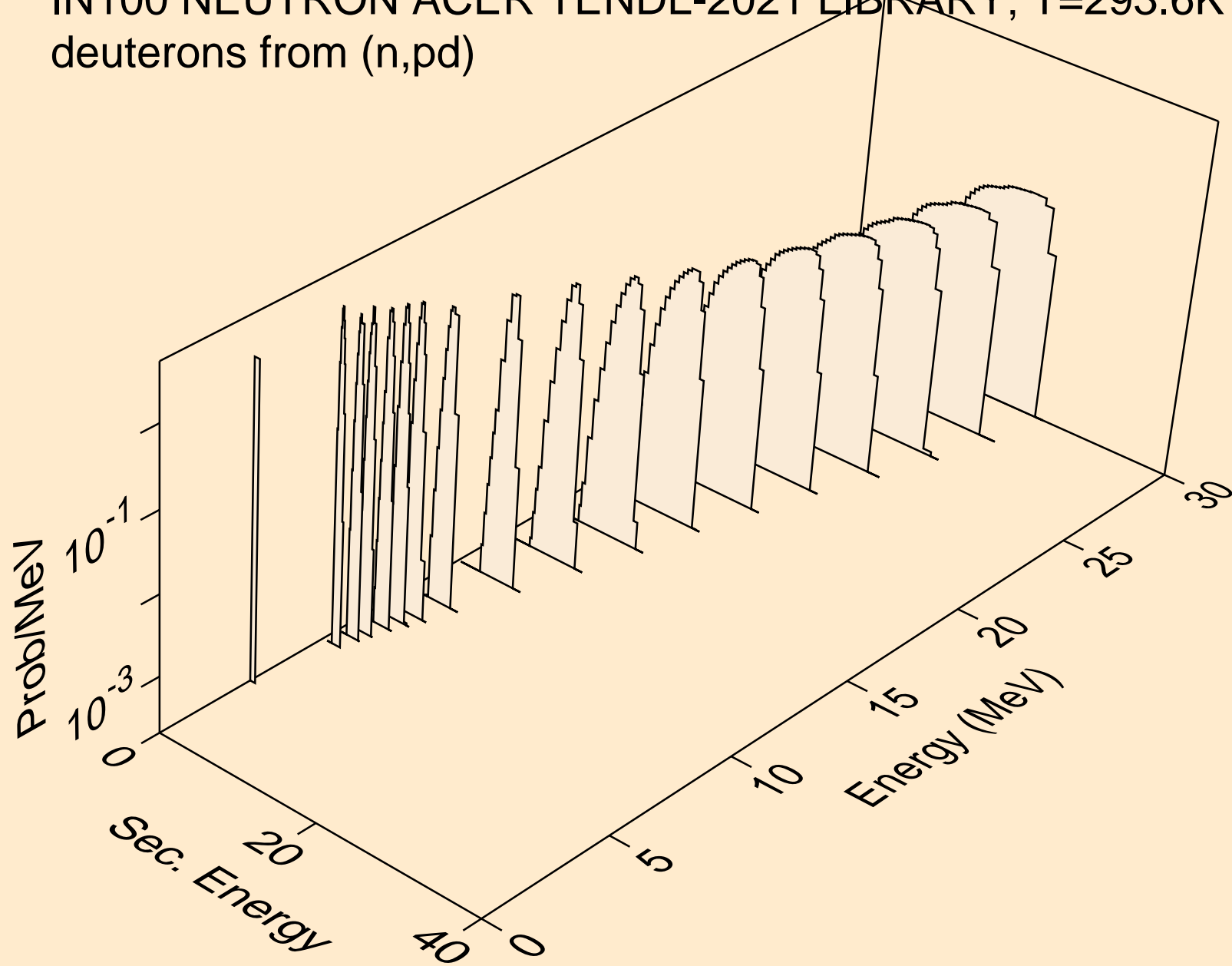
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



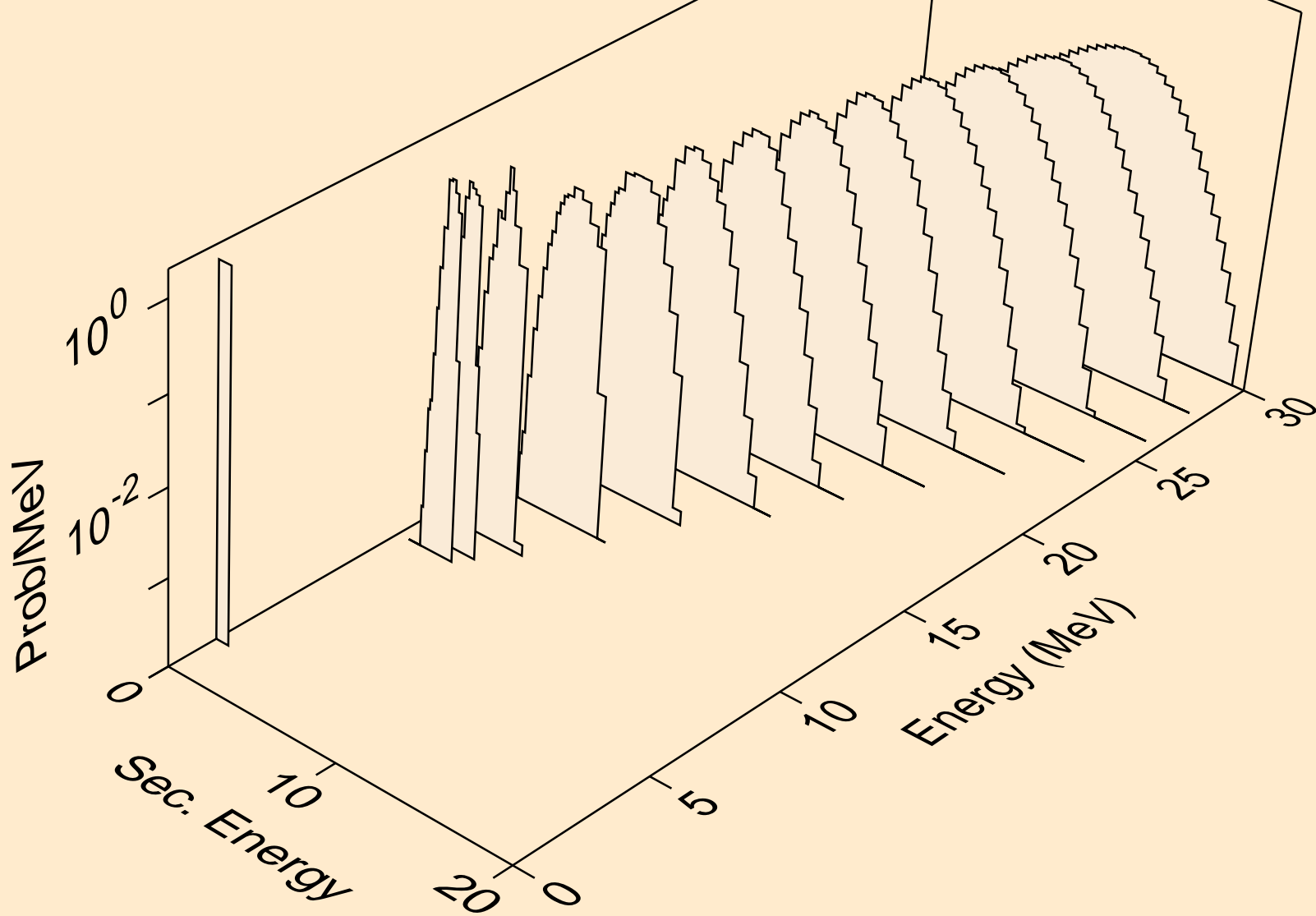
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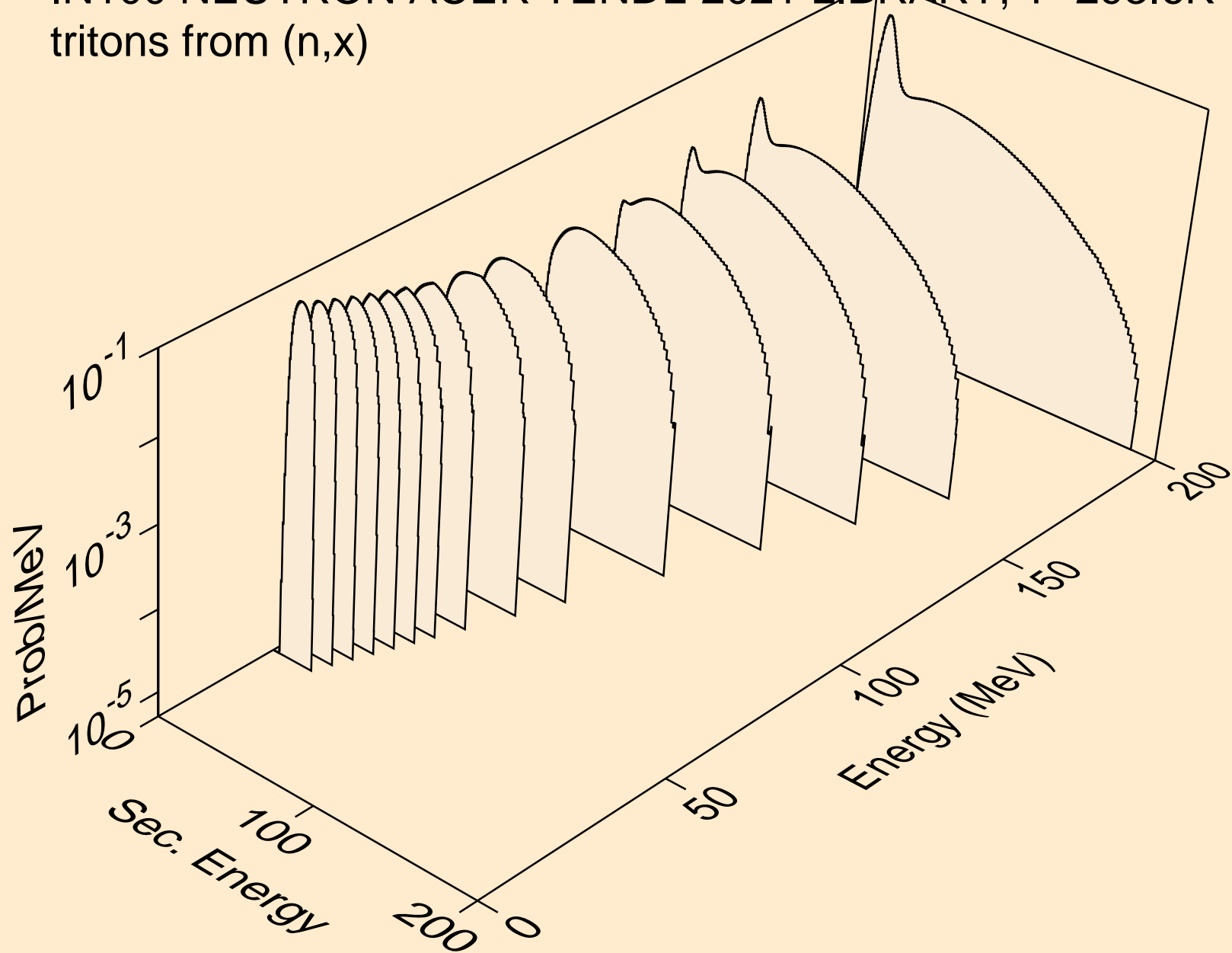
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deuterons from (n,pd)



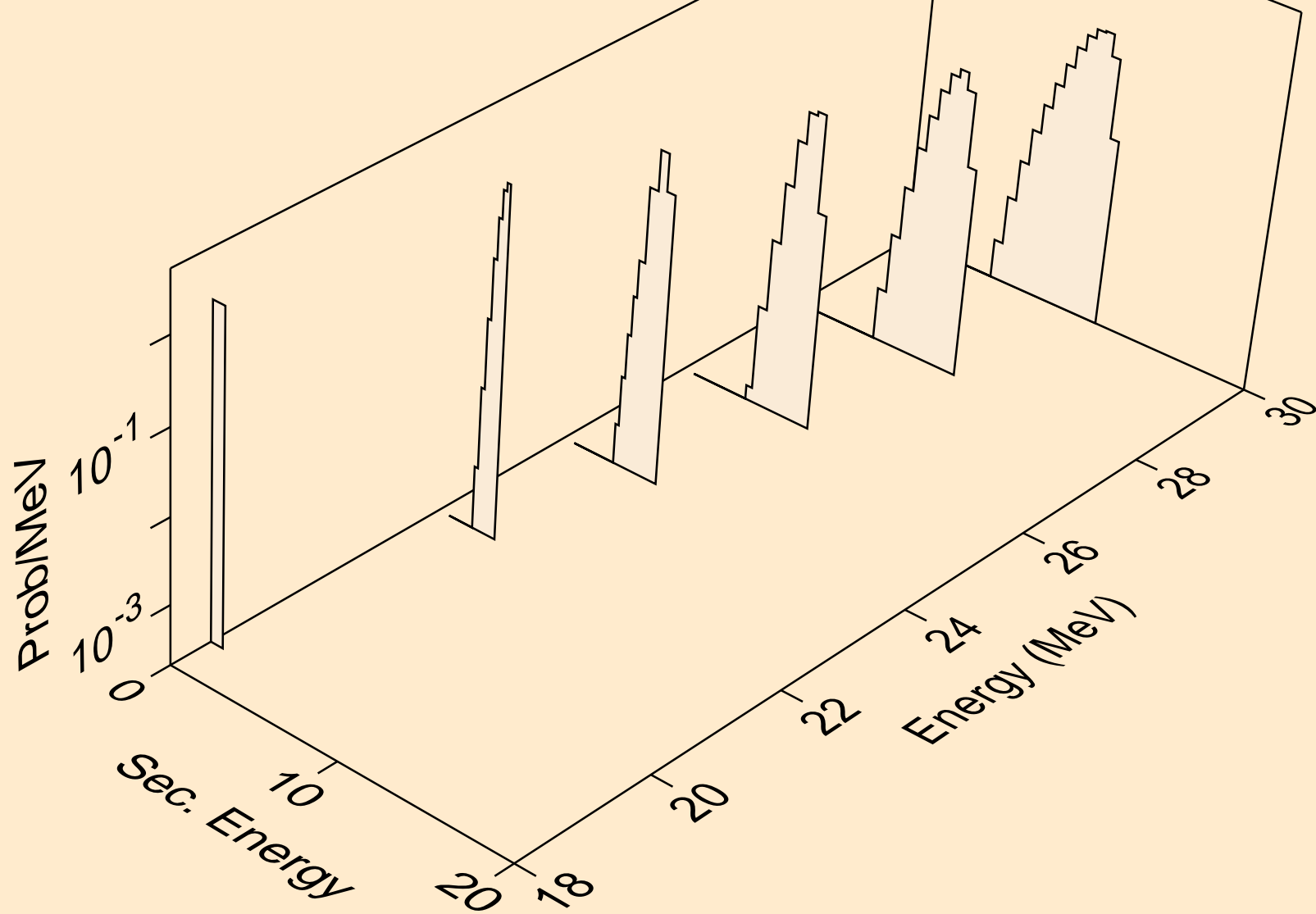
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deuterons from (n,da)



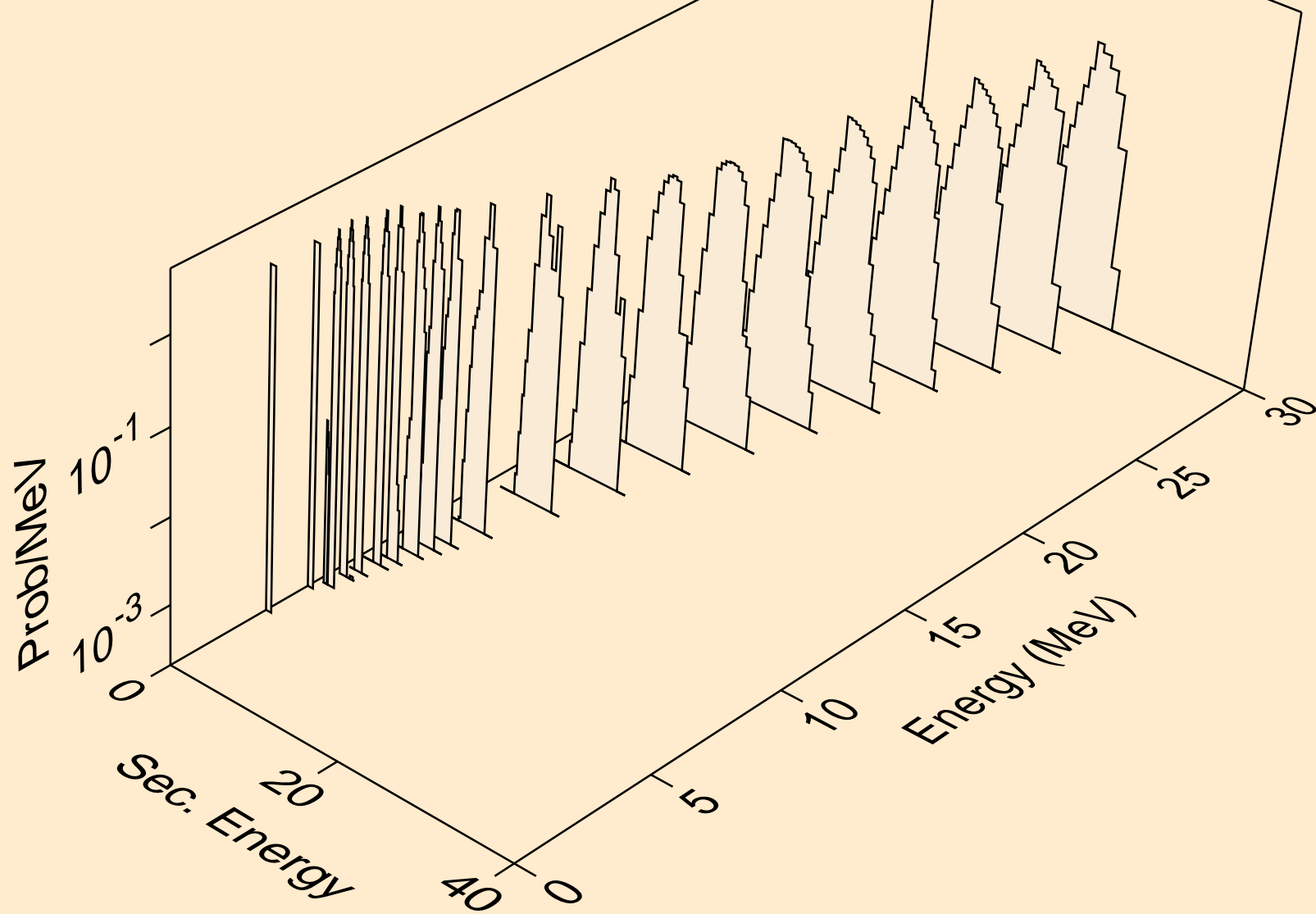
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tritons from (n,x)



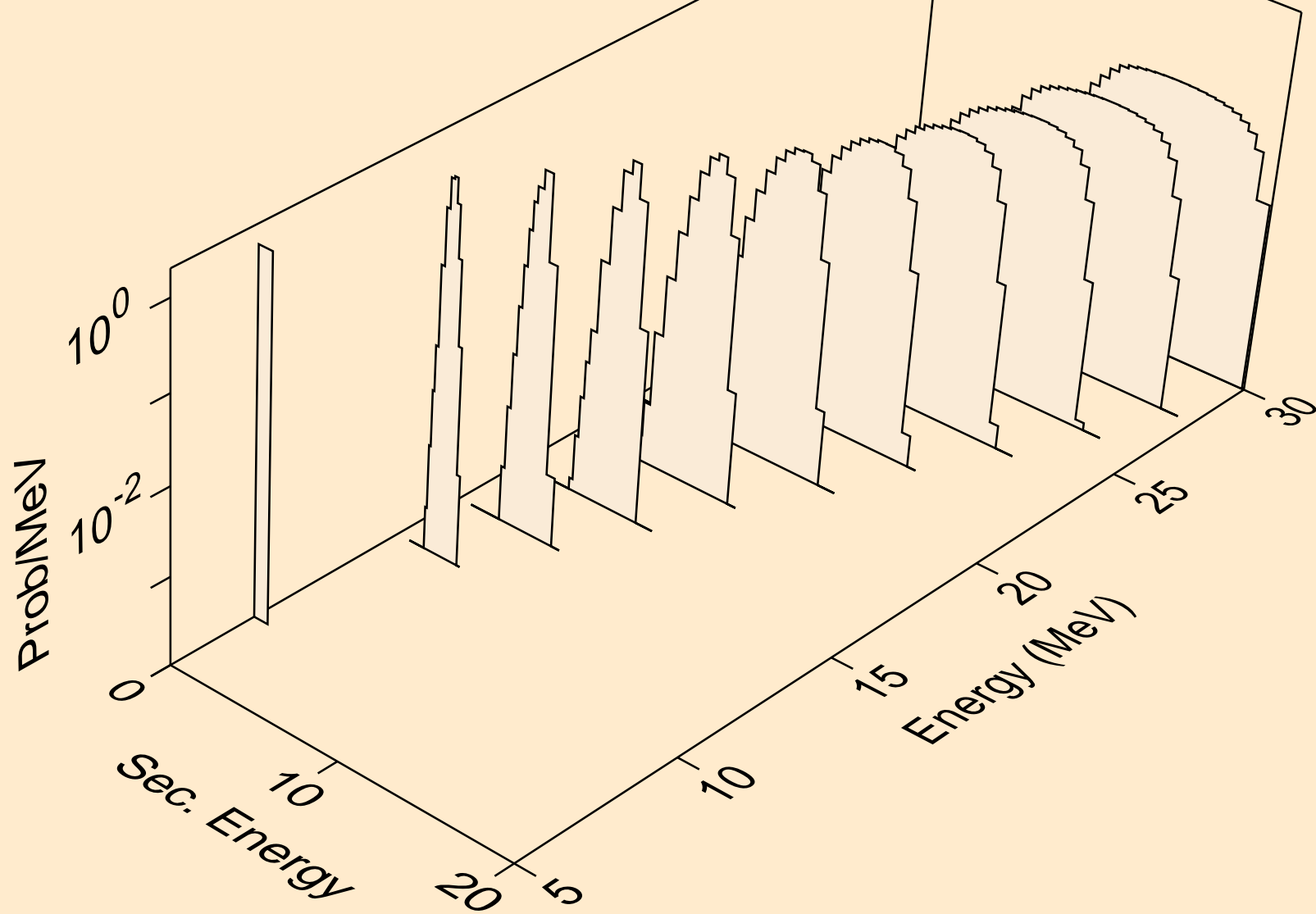
IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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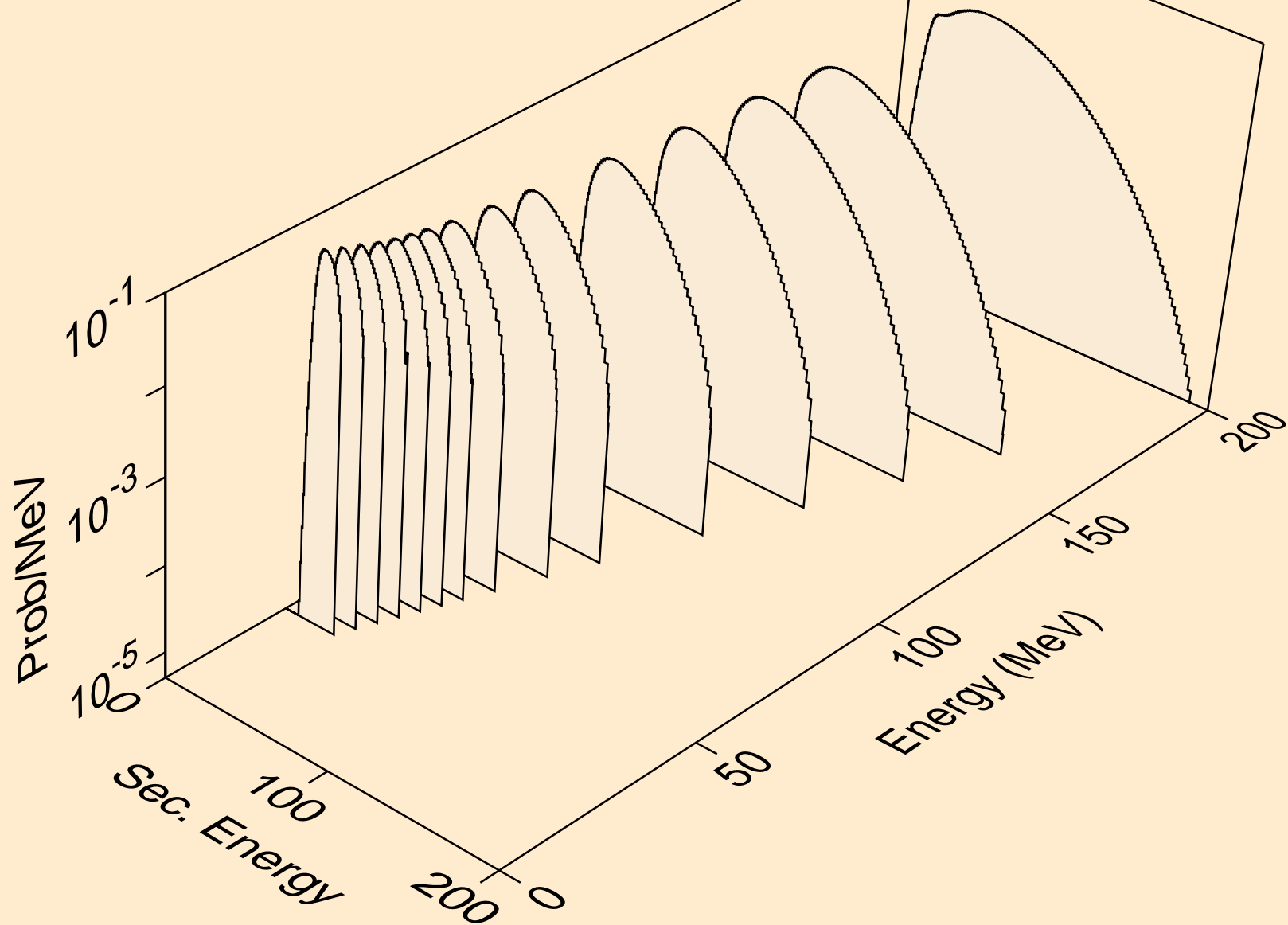


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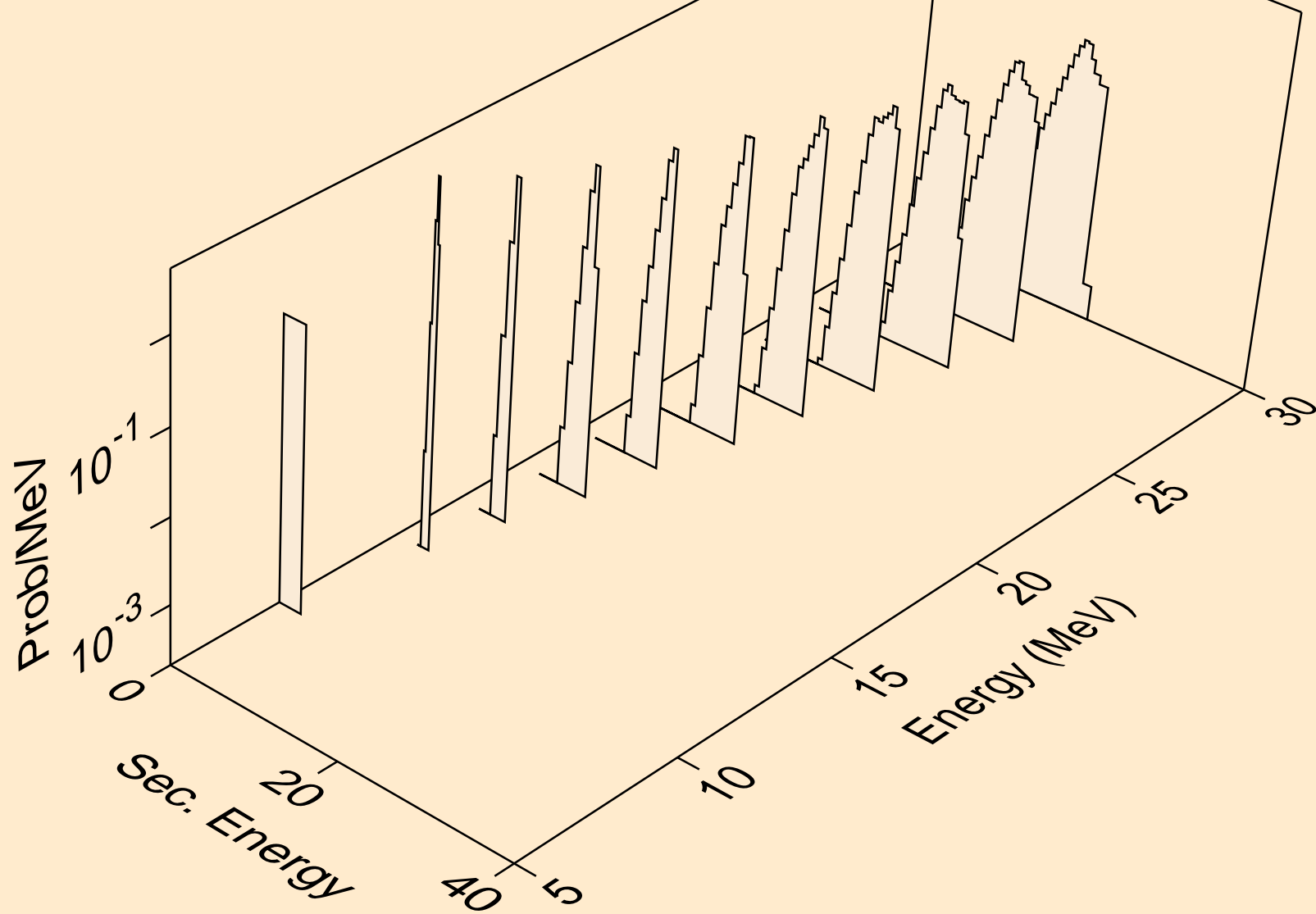




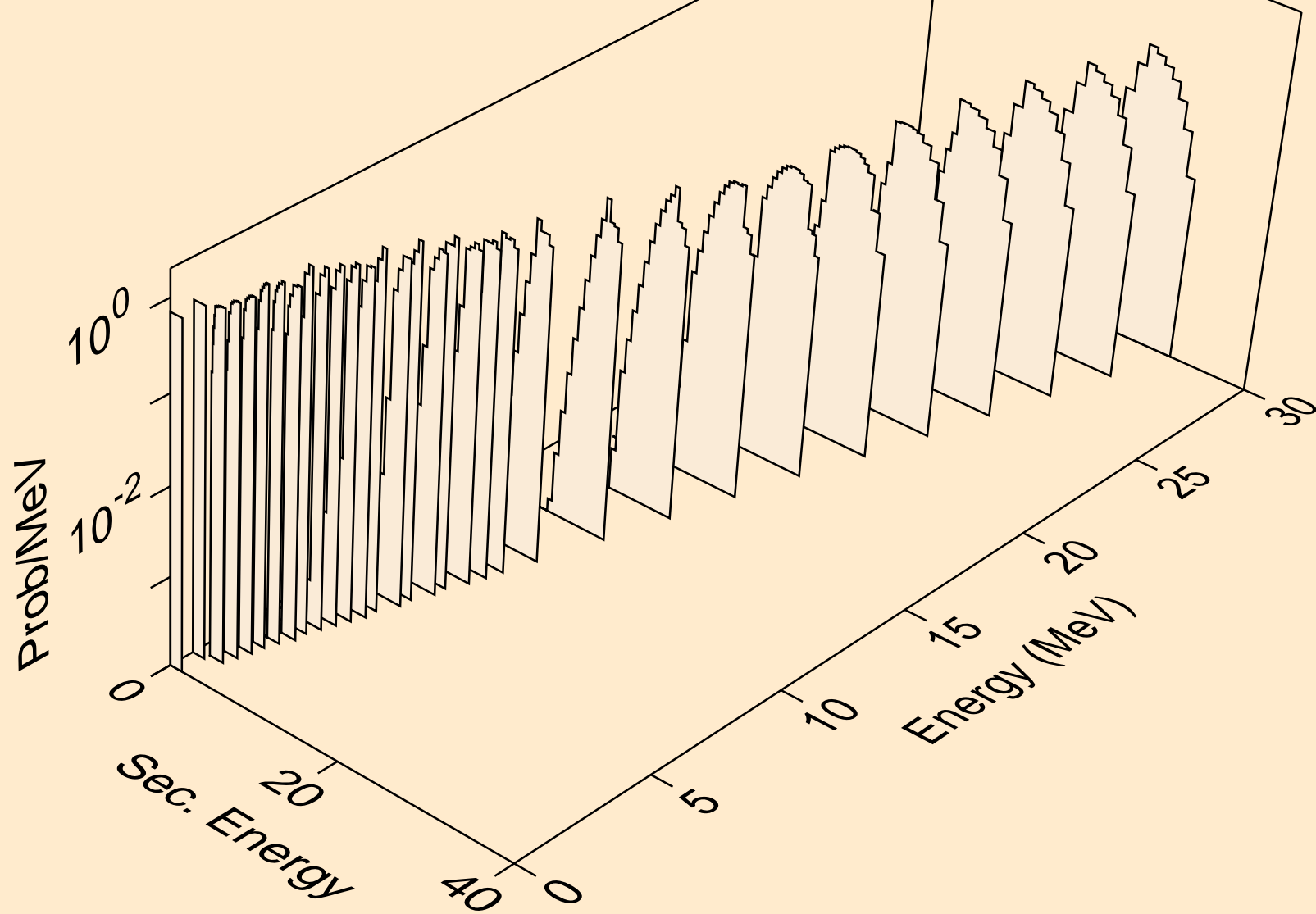
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he3s from (n,x)



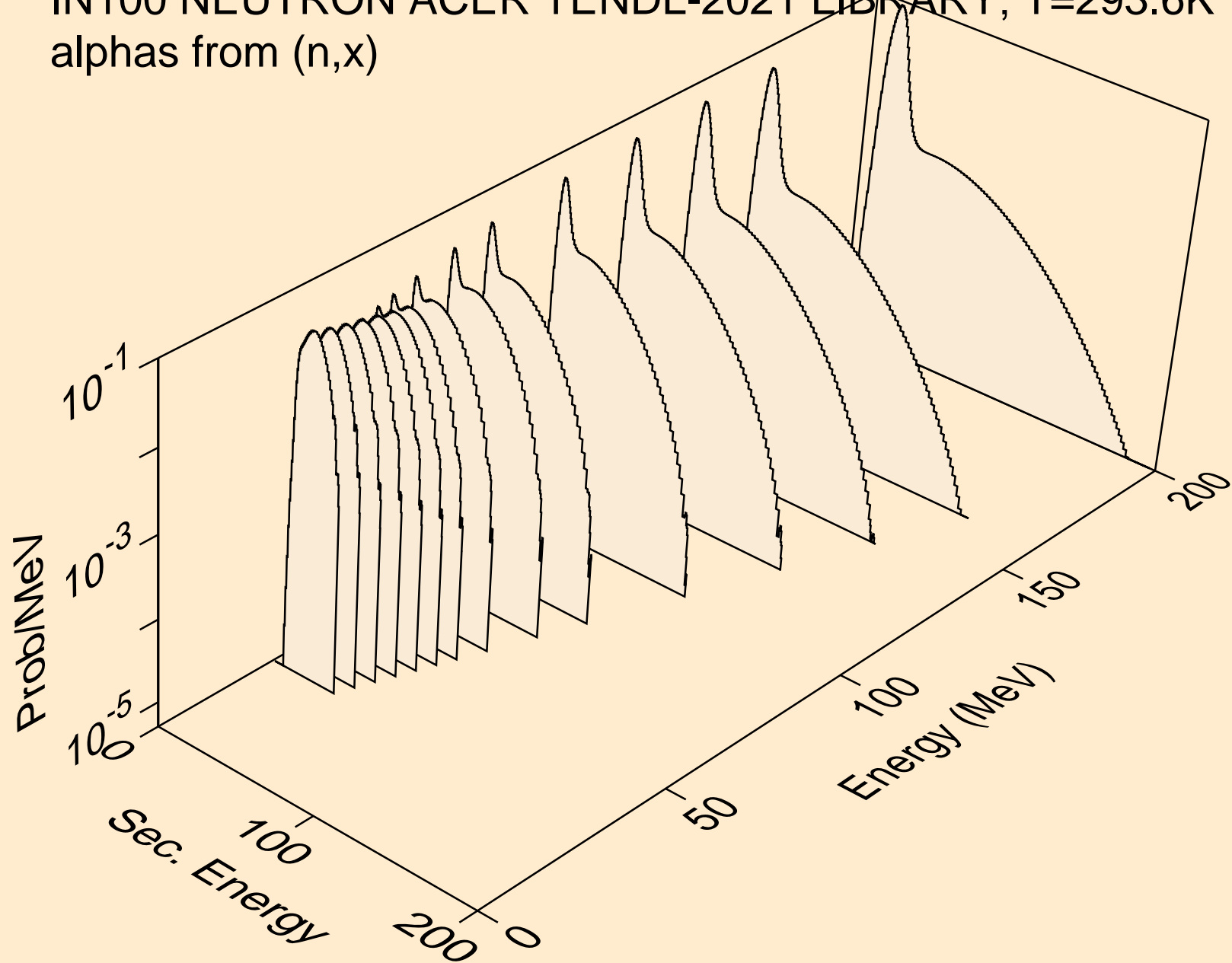
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he3s from (n,n\*)he3



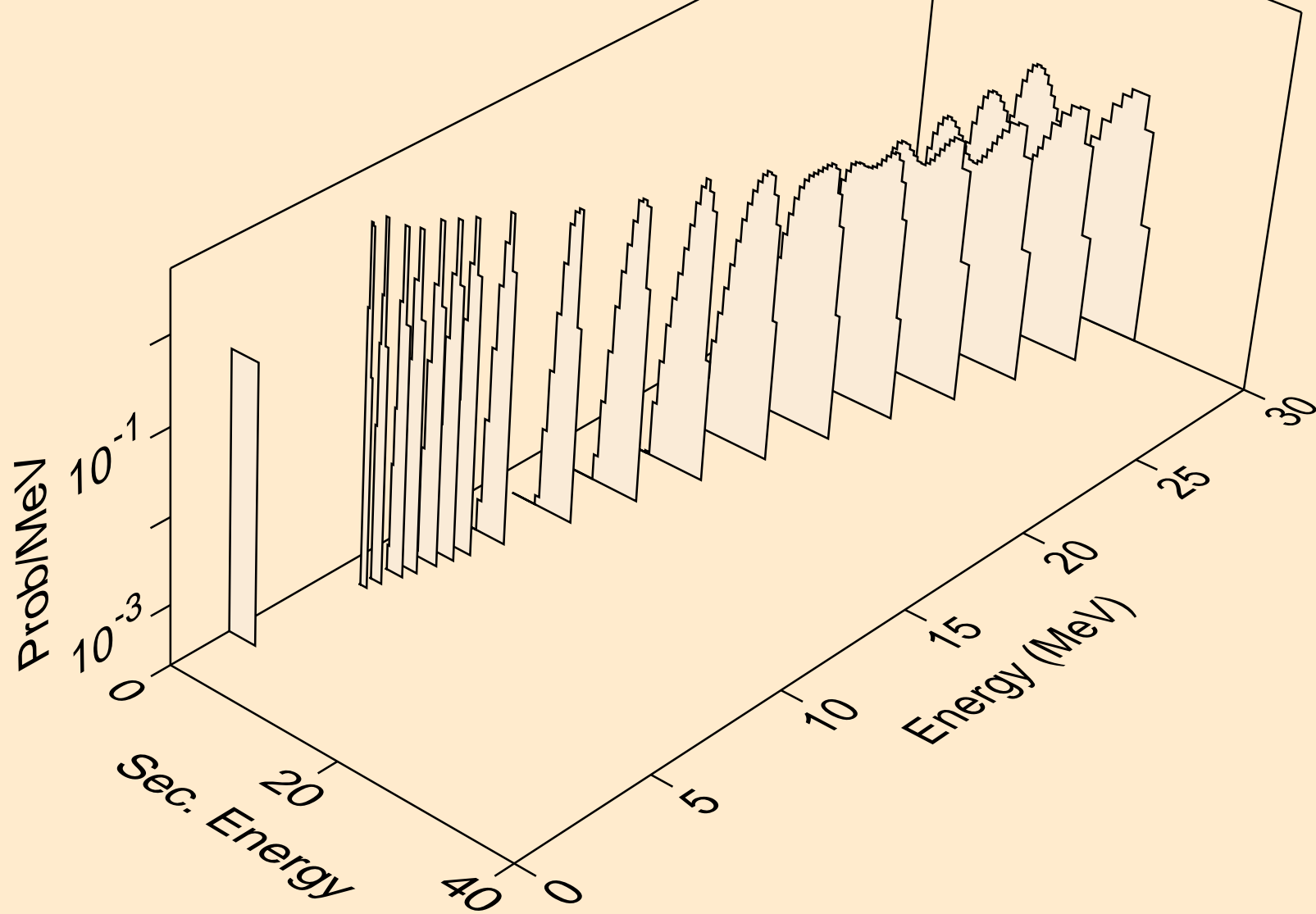
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he3s from (n,he3)



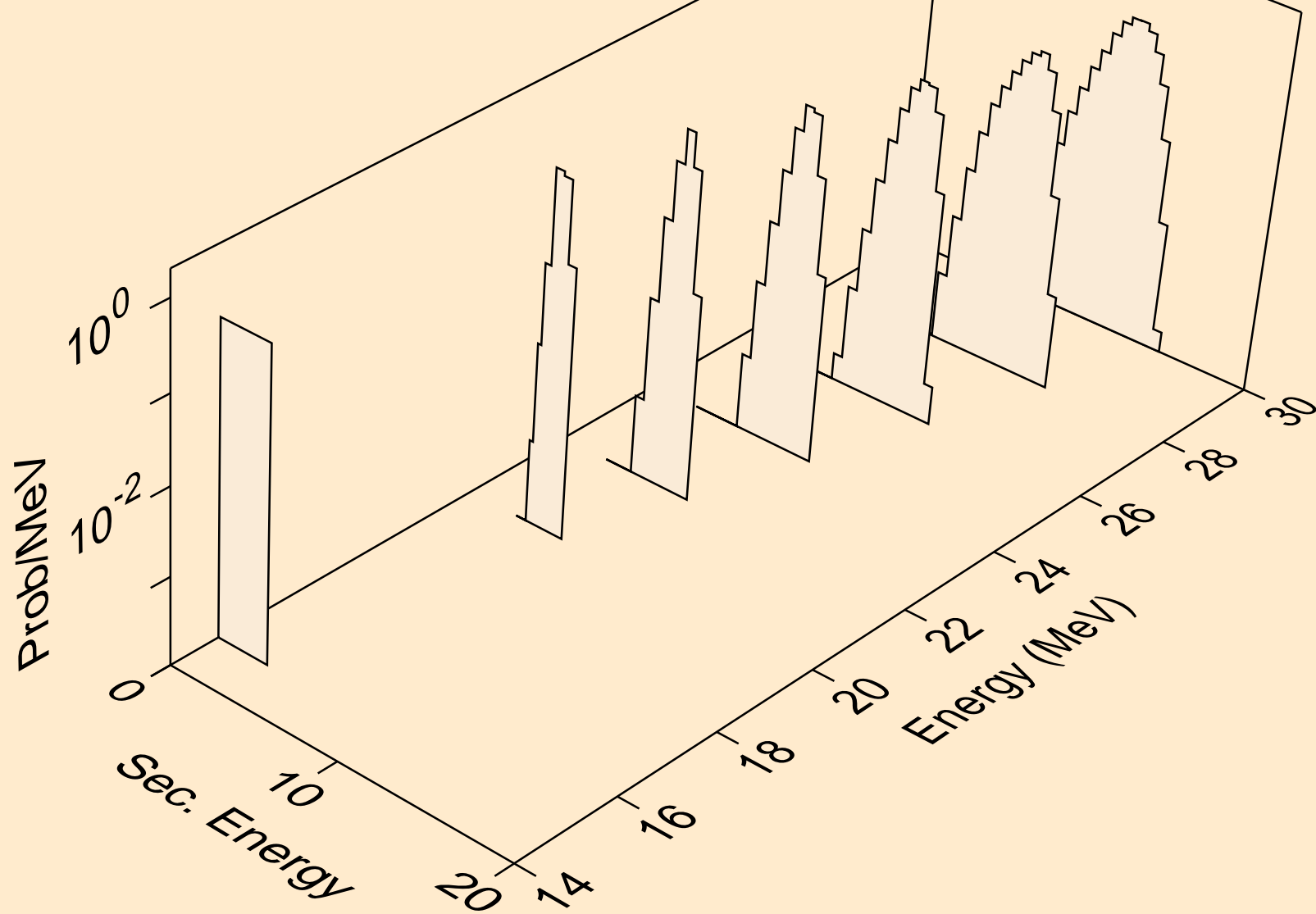
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alphas from (n,x)



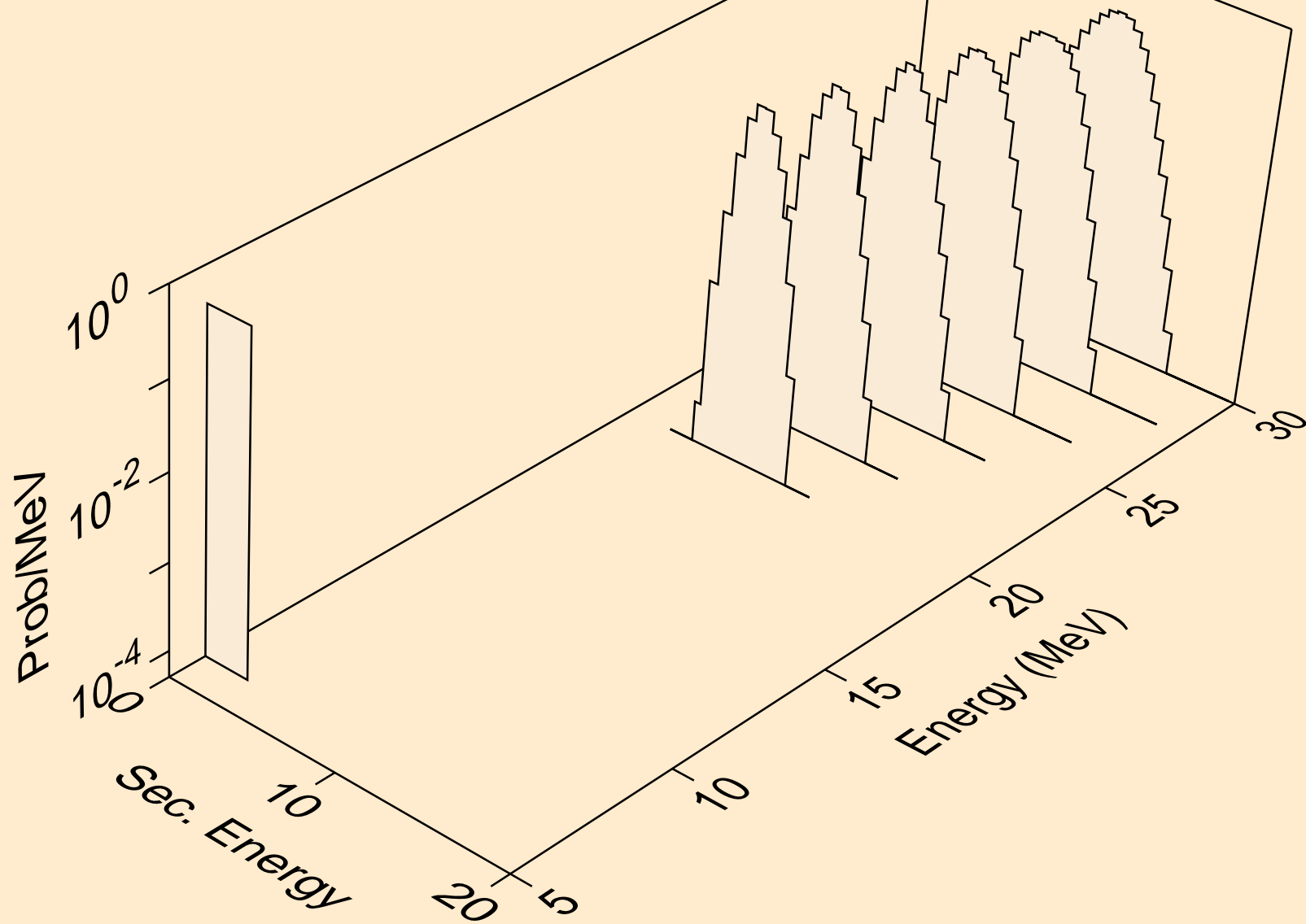
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alphas from (n,n\*)a



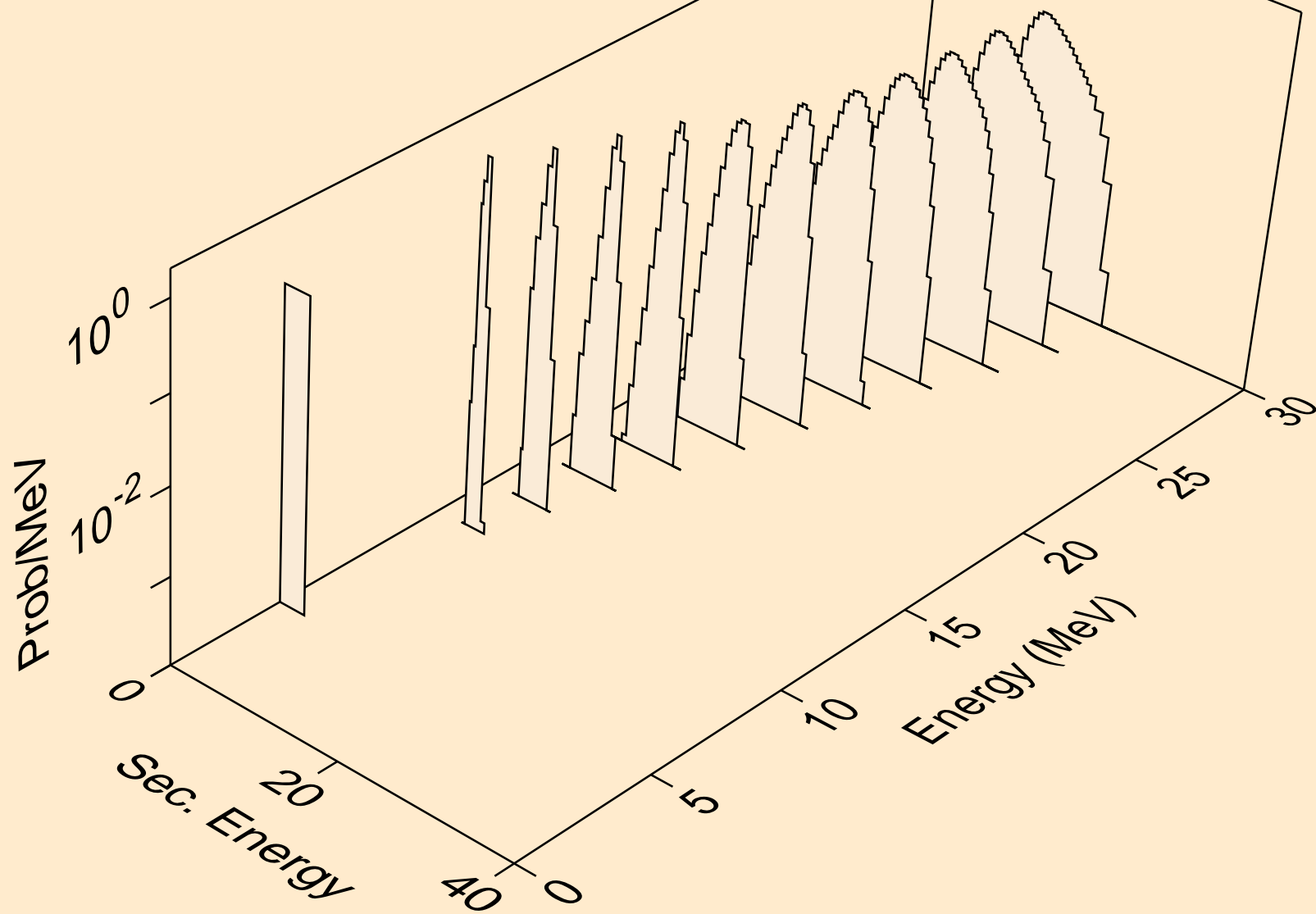
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alphas from (n,2n)a



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

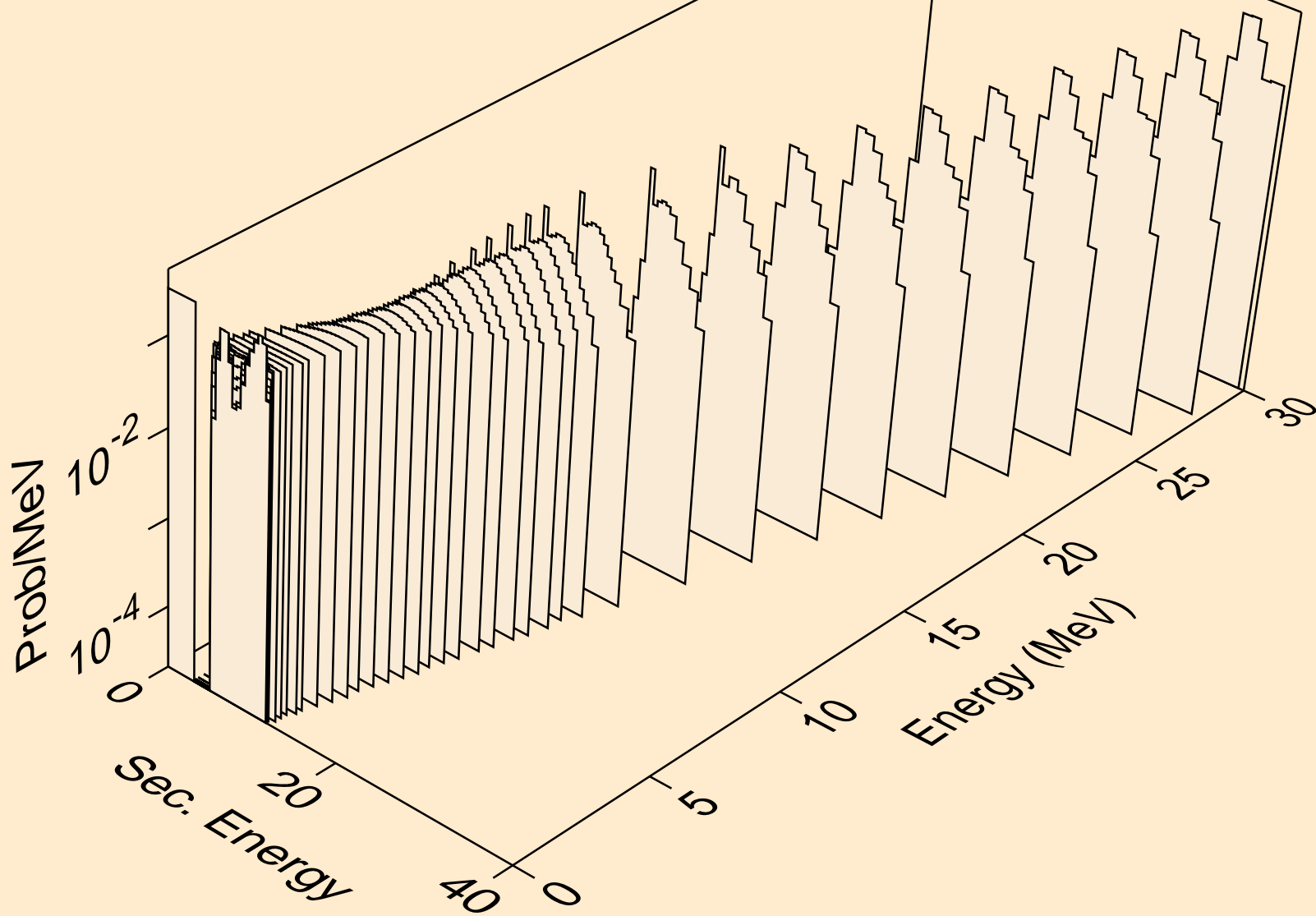


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alphas from (n,npa)

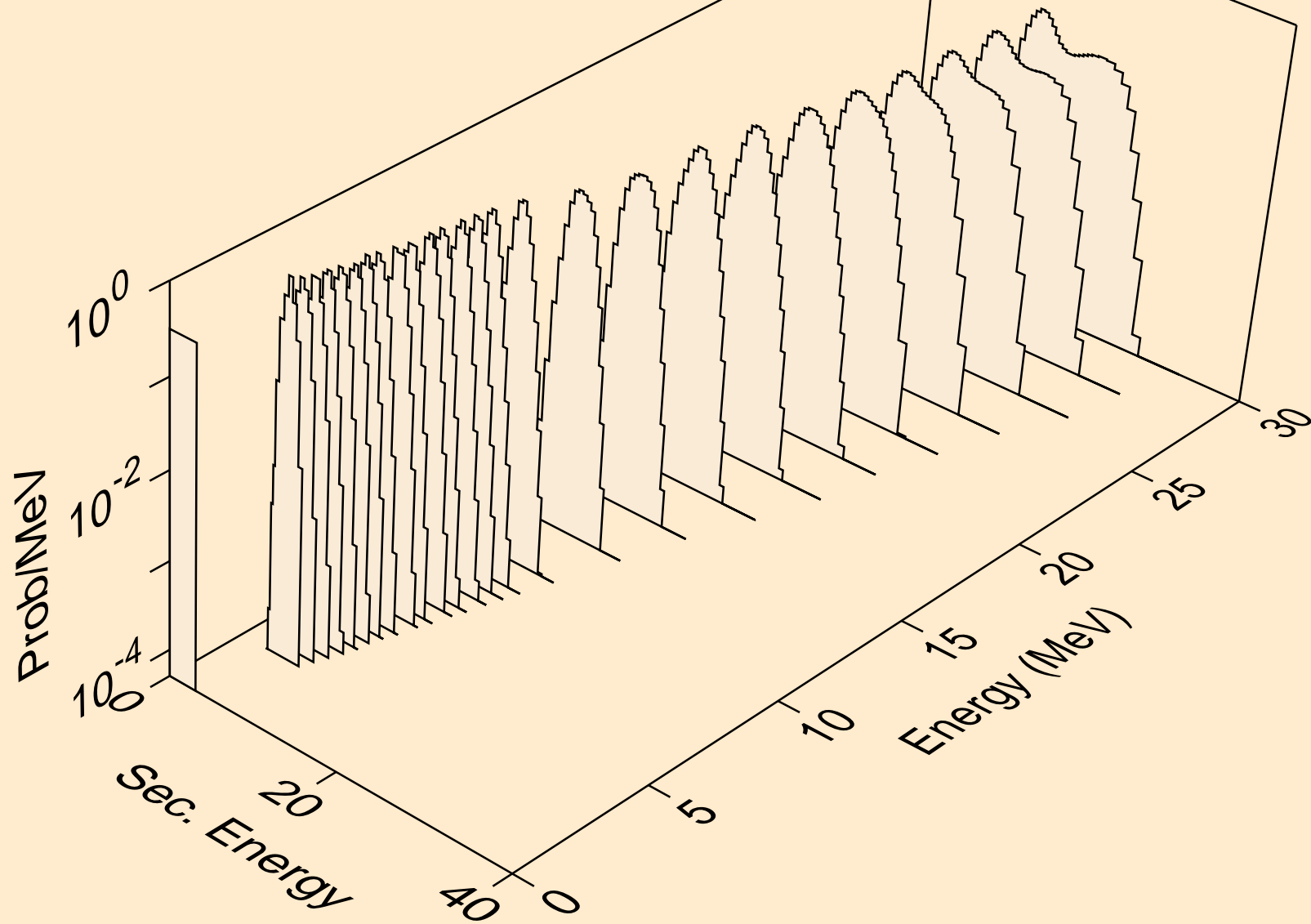




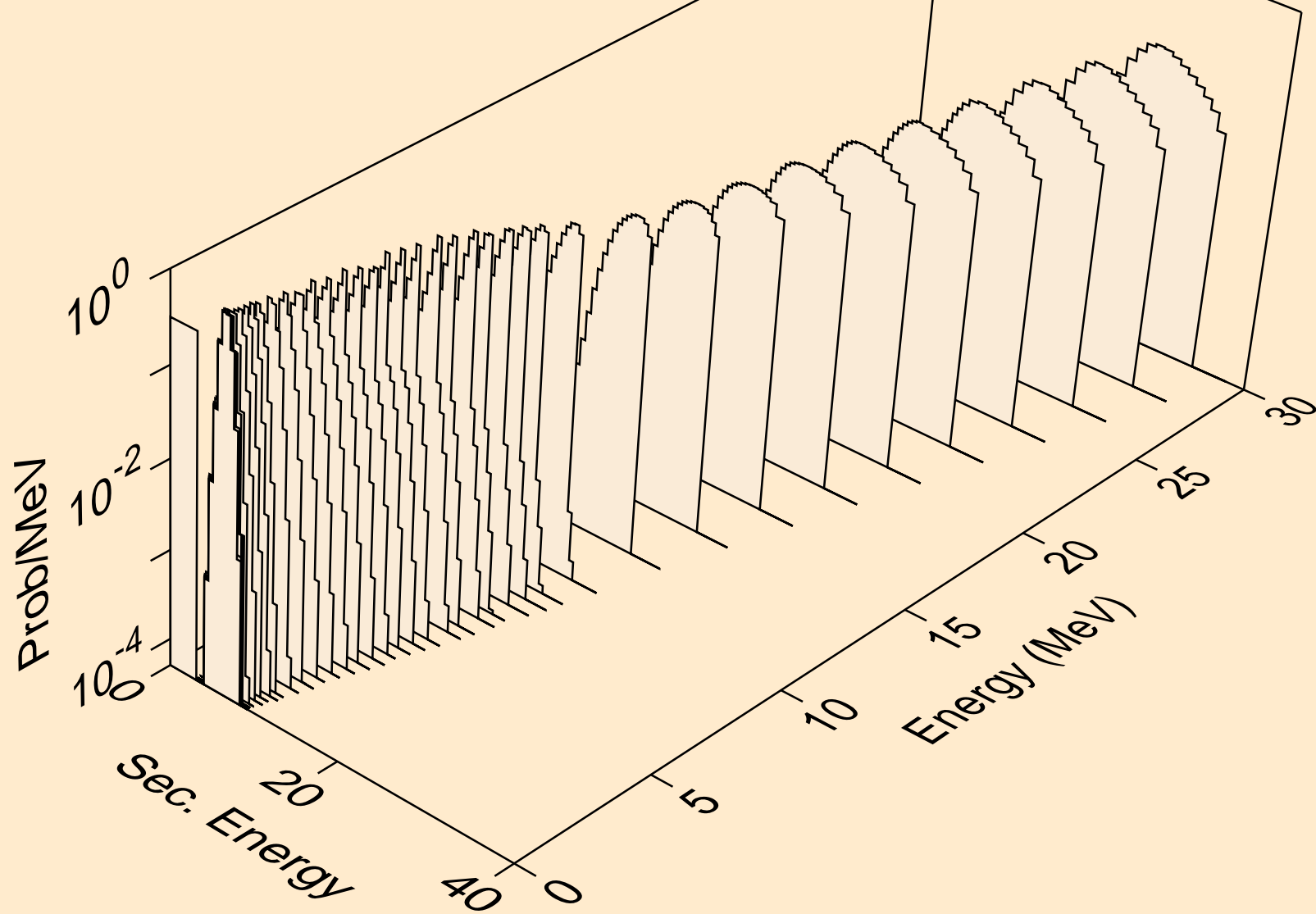
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alphas from (n,a)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,p)



IN100 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

