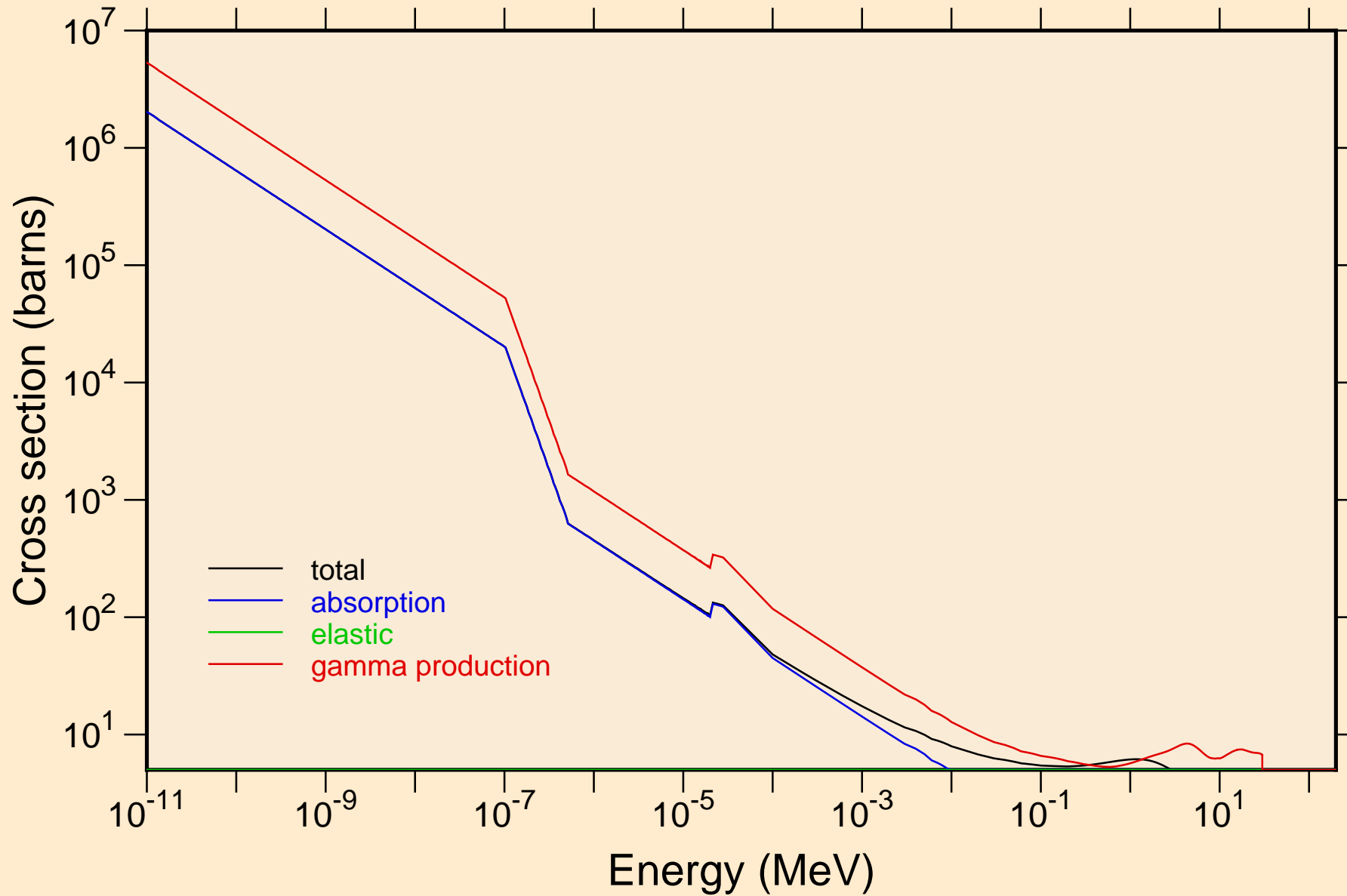
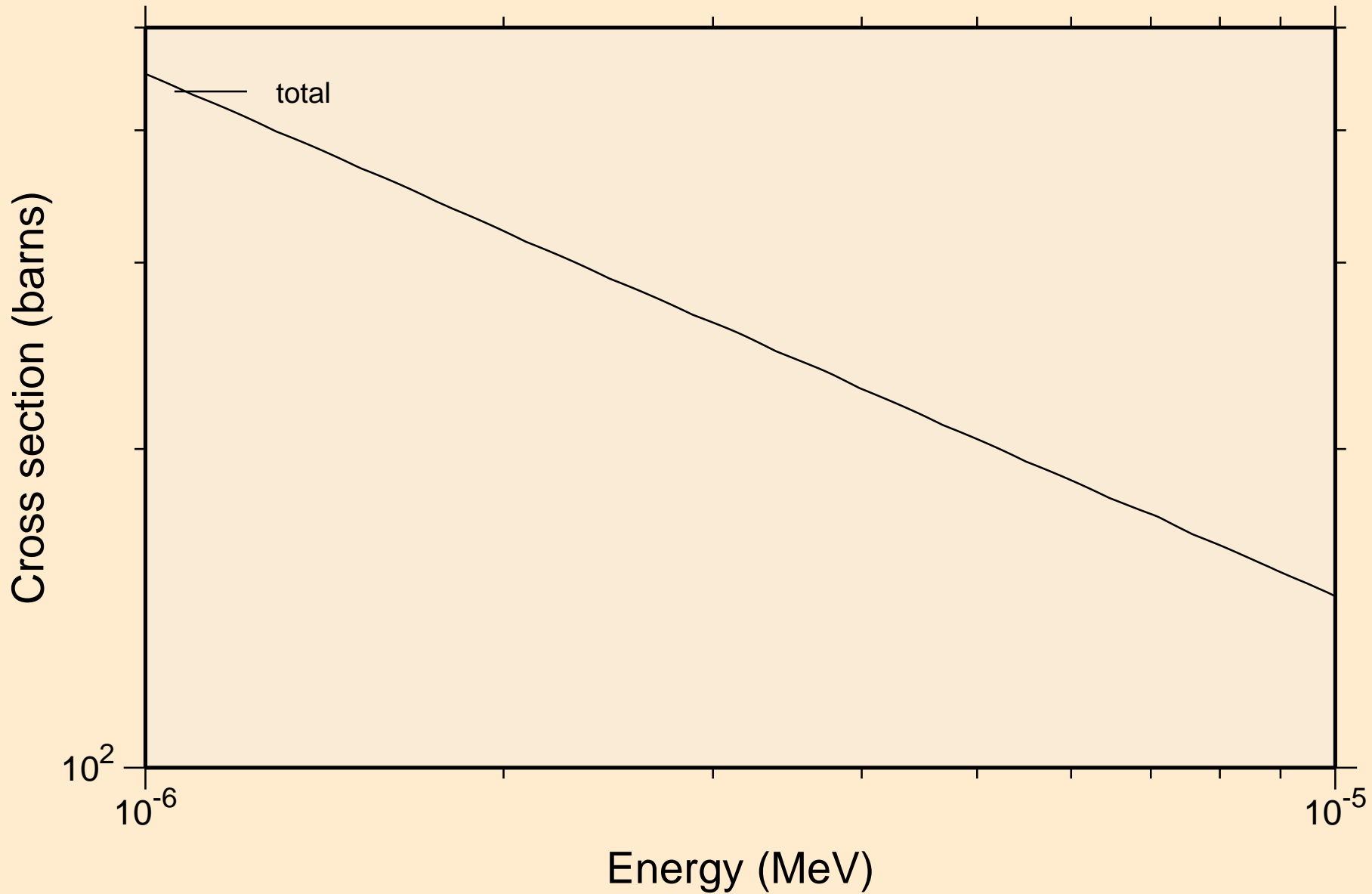


# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

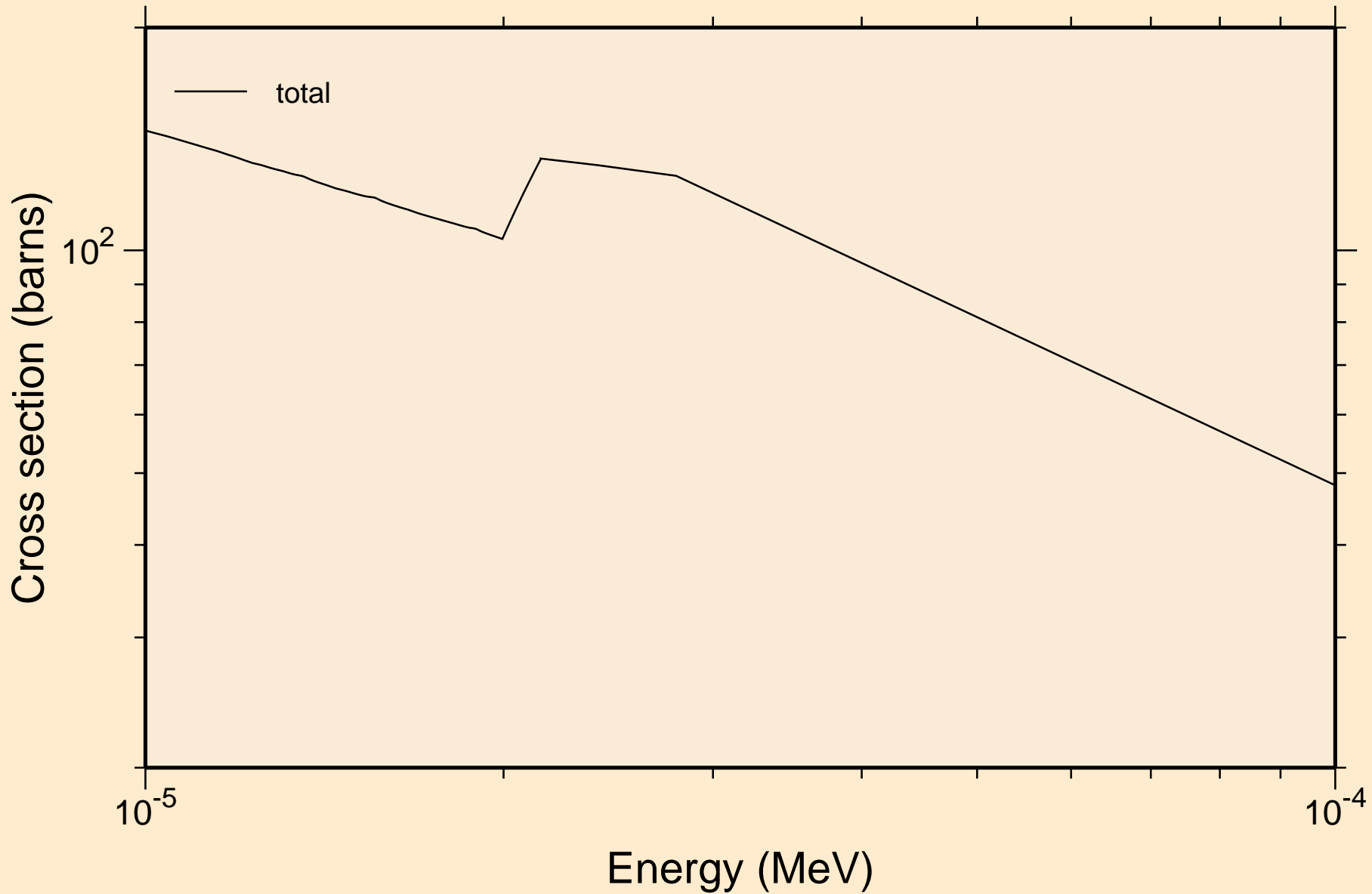
## Principal cross sections



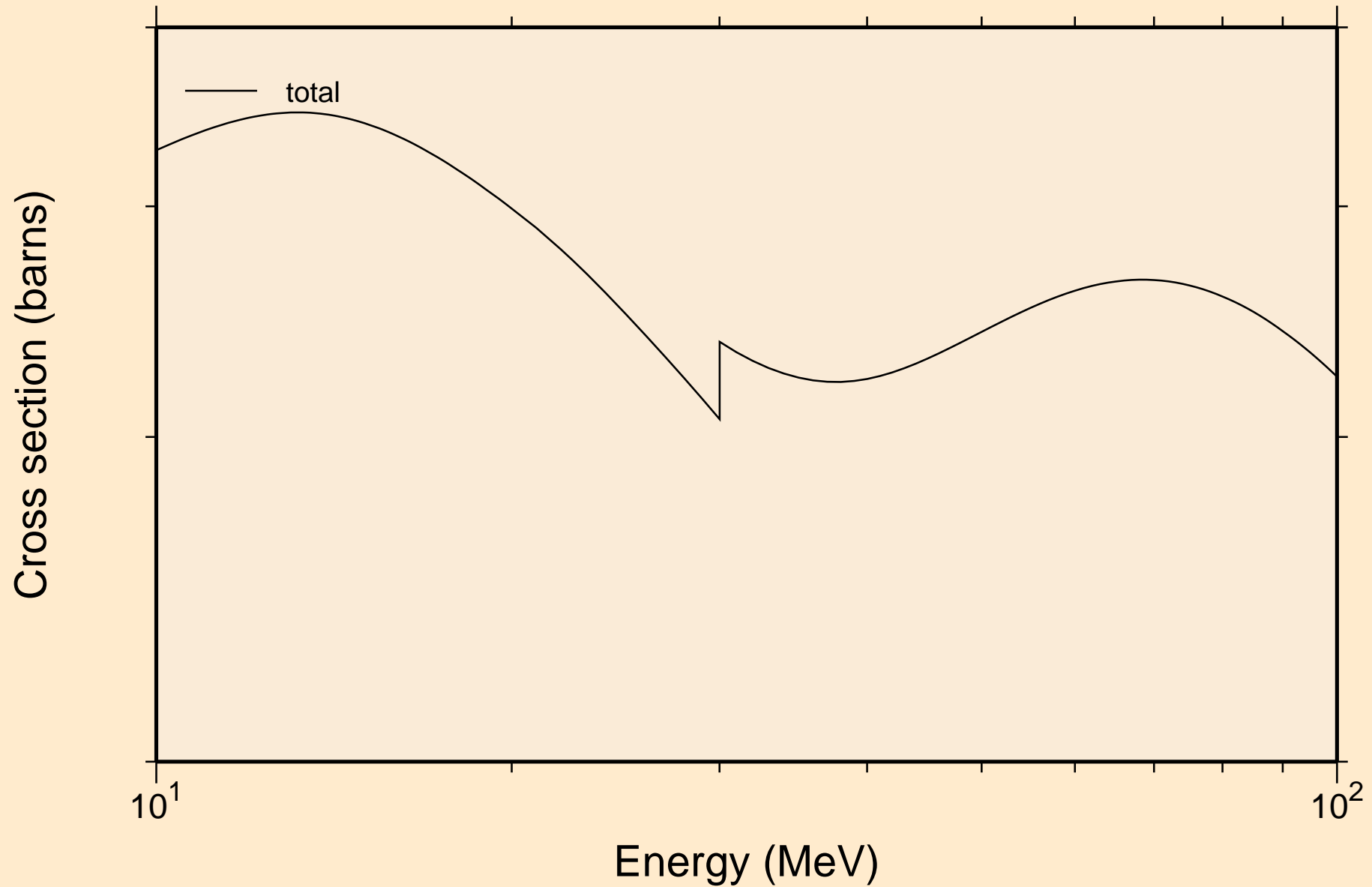
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



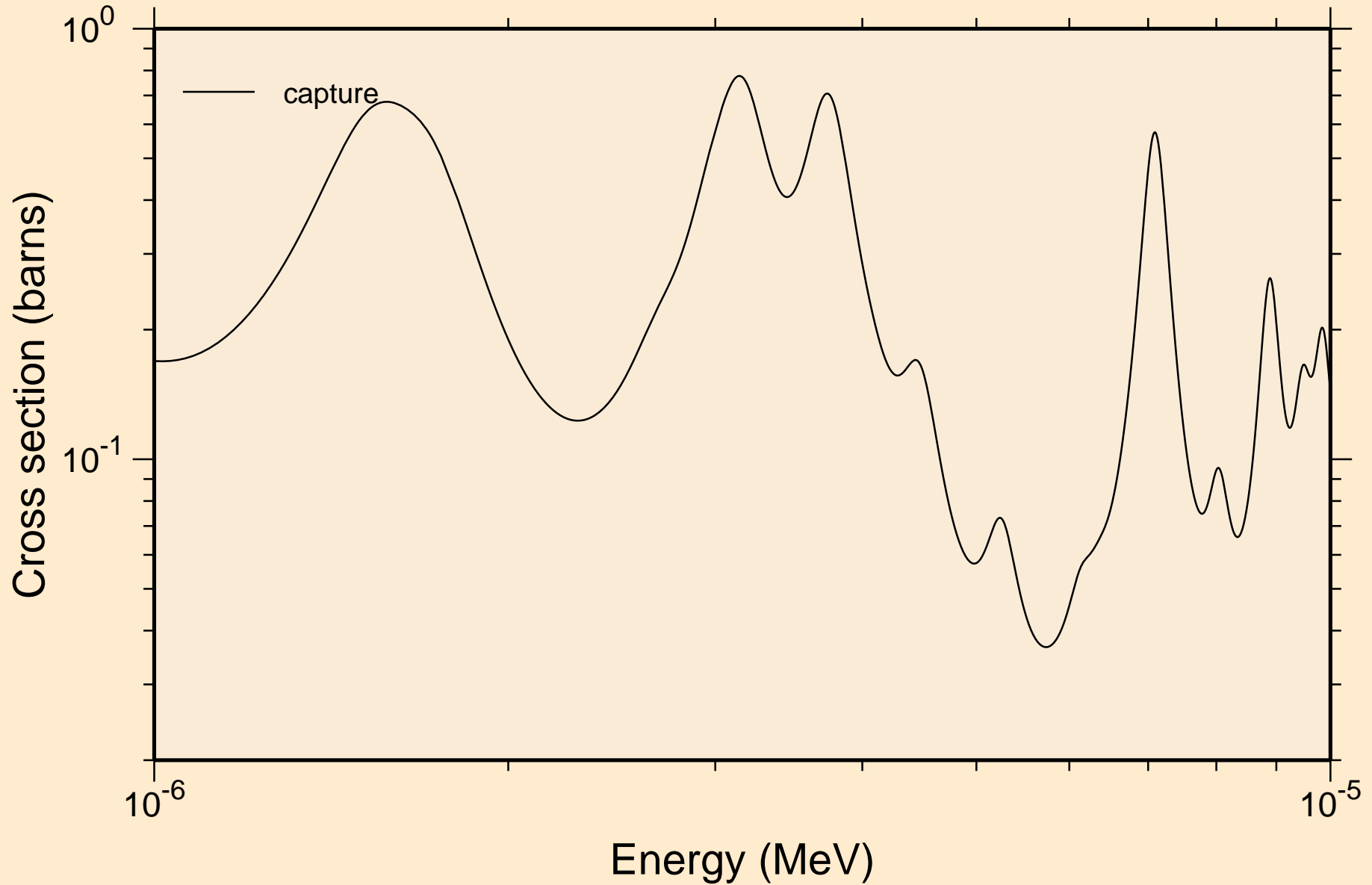
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



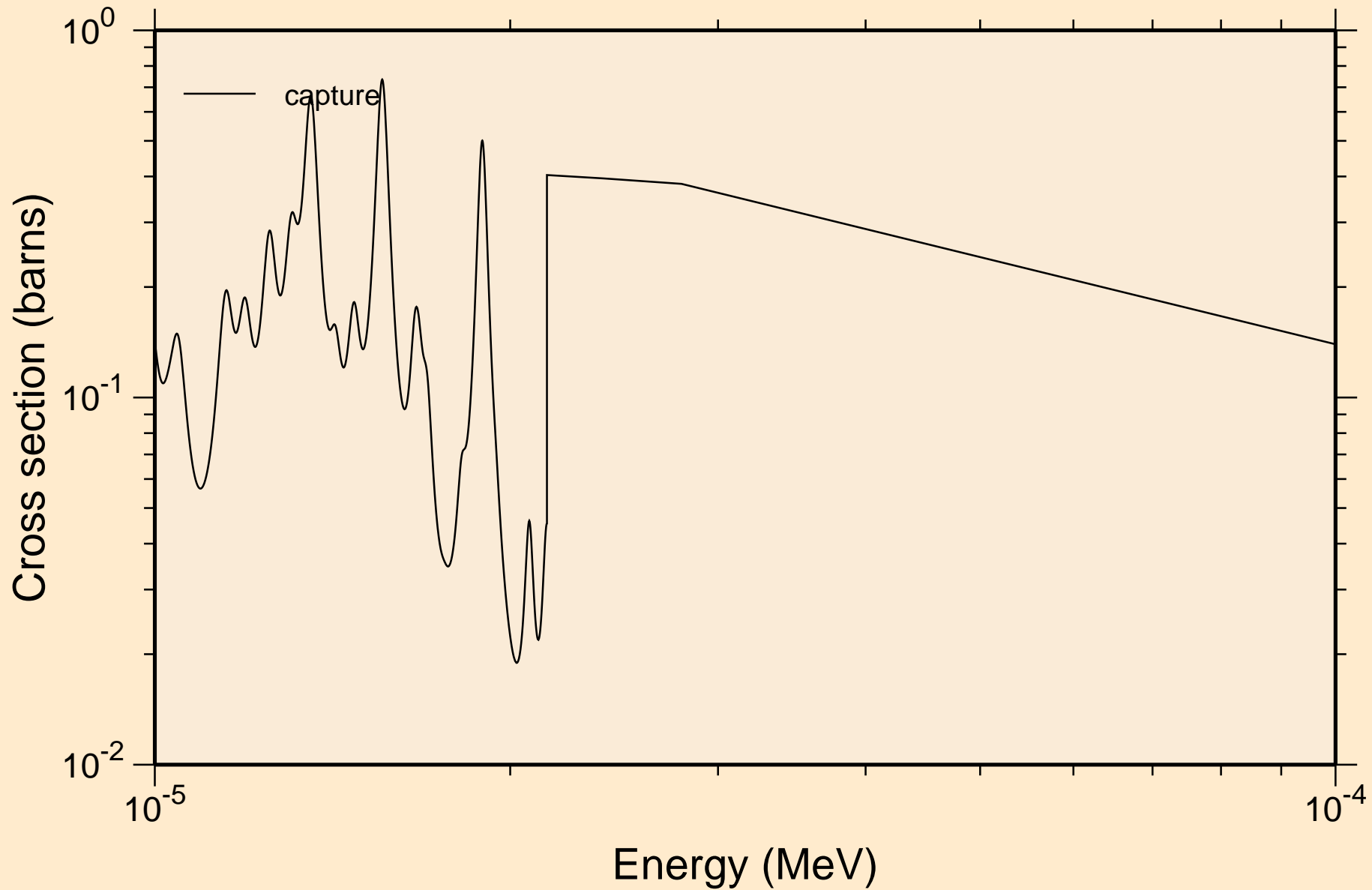
C<sup>118</sup>M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



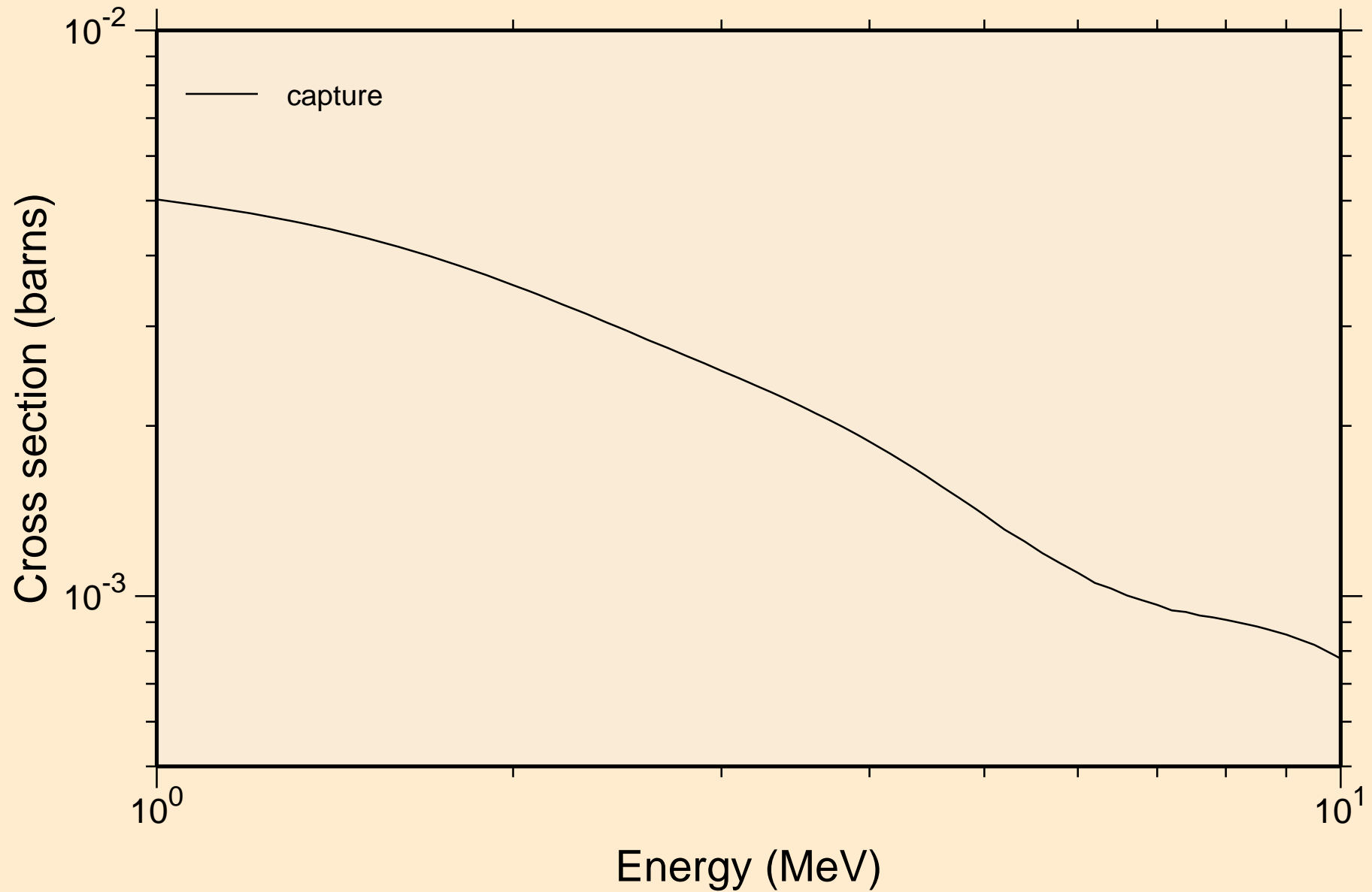
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

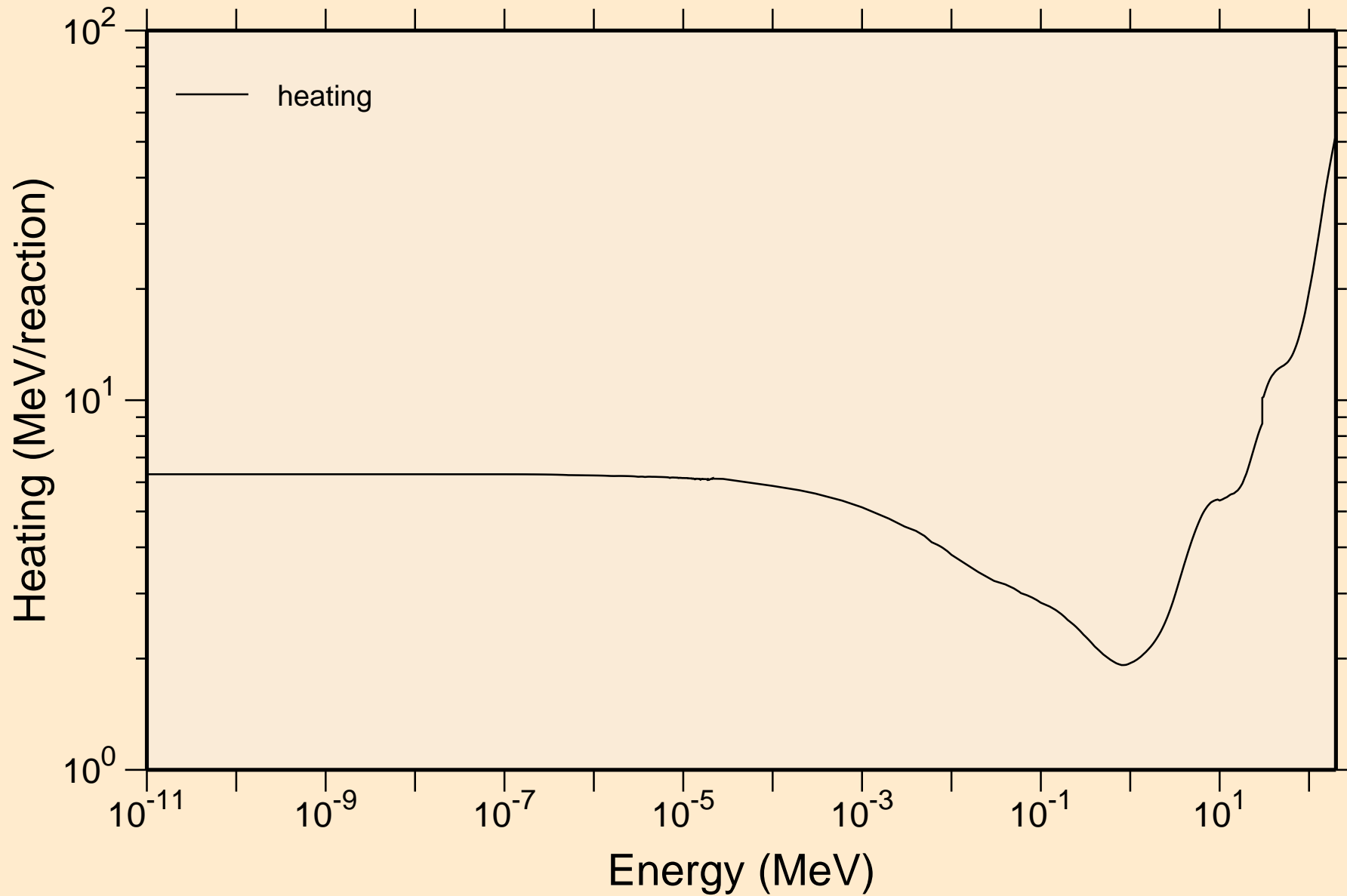


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

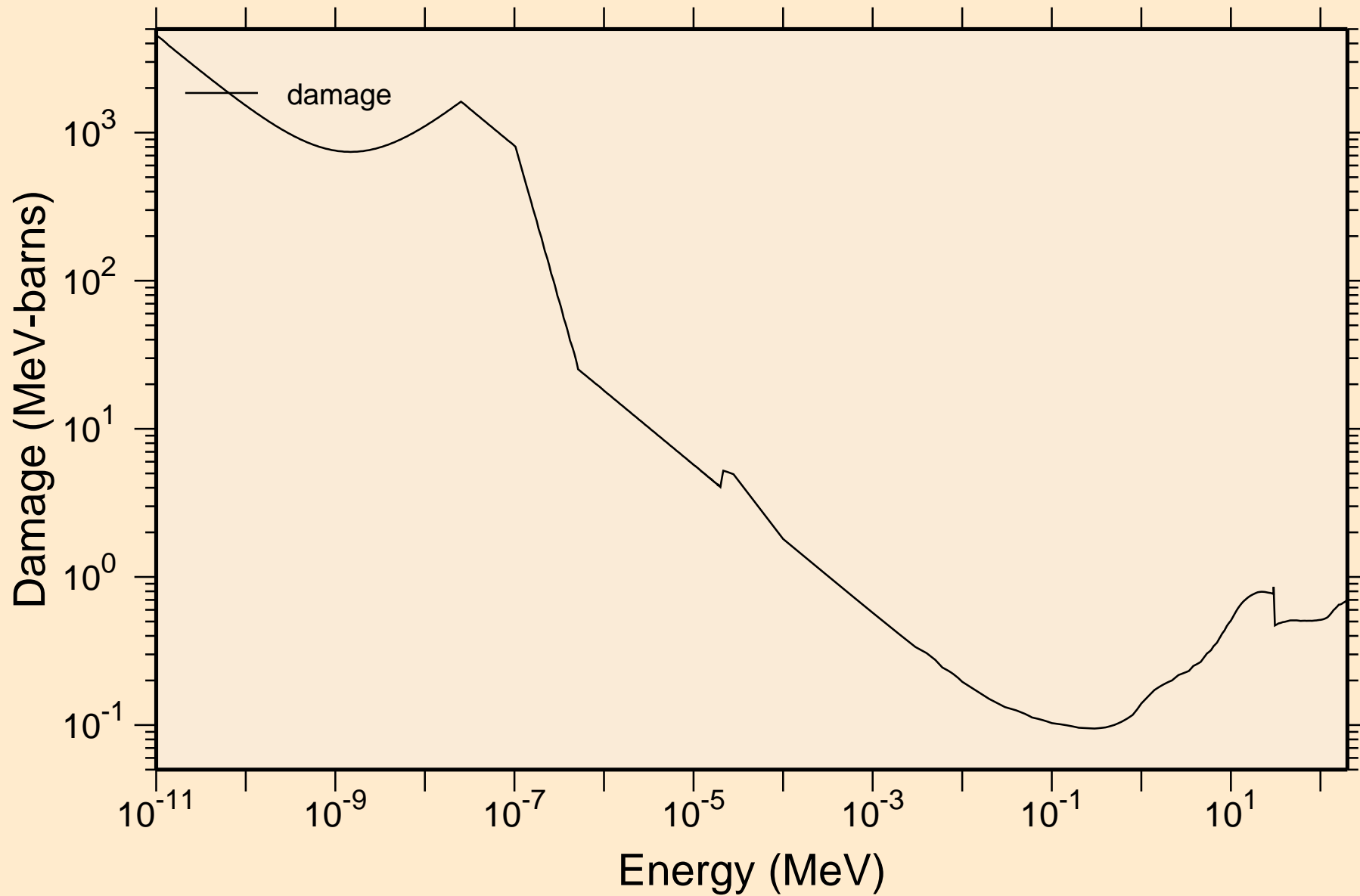
## Heating





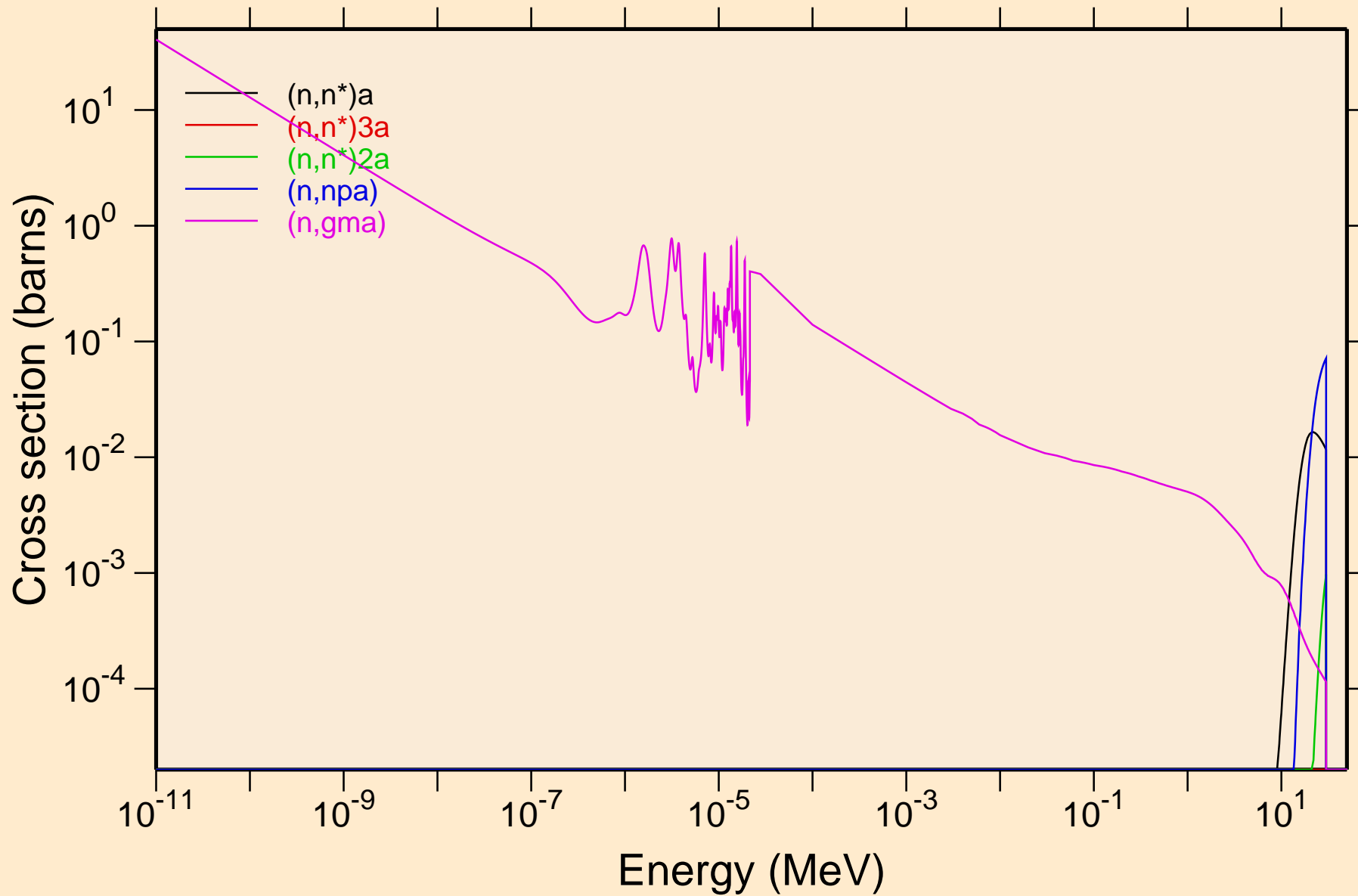
# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



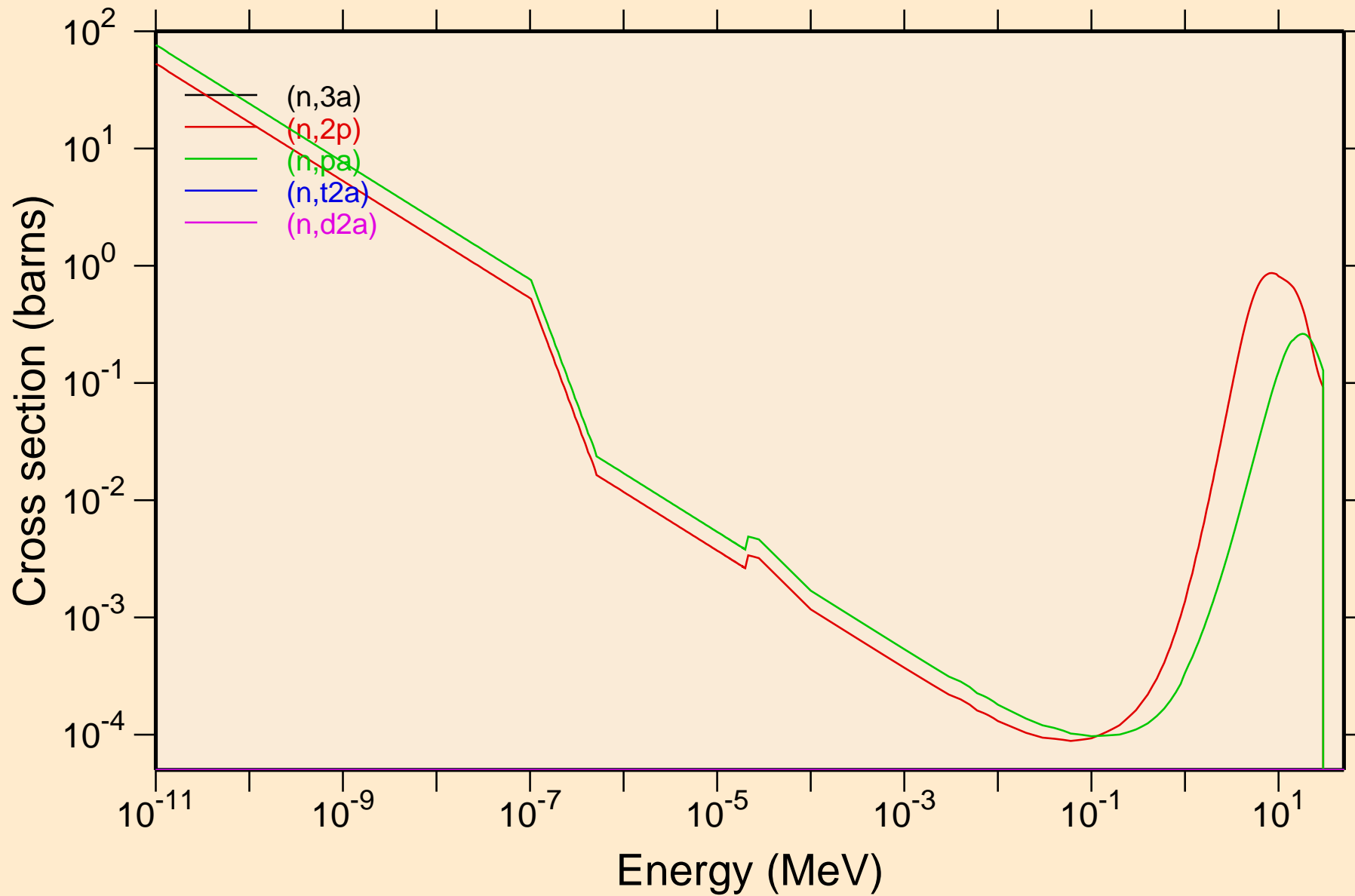
# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

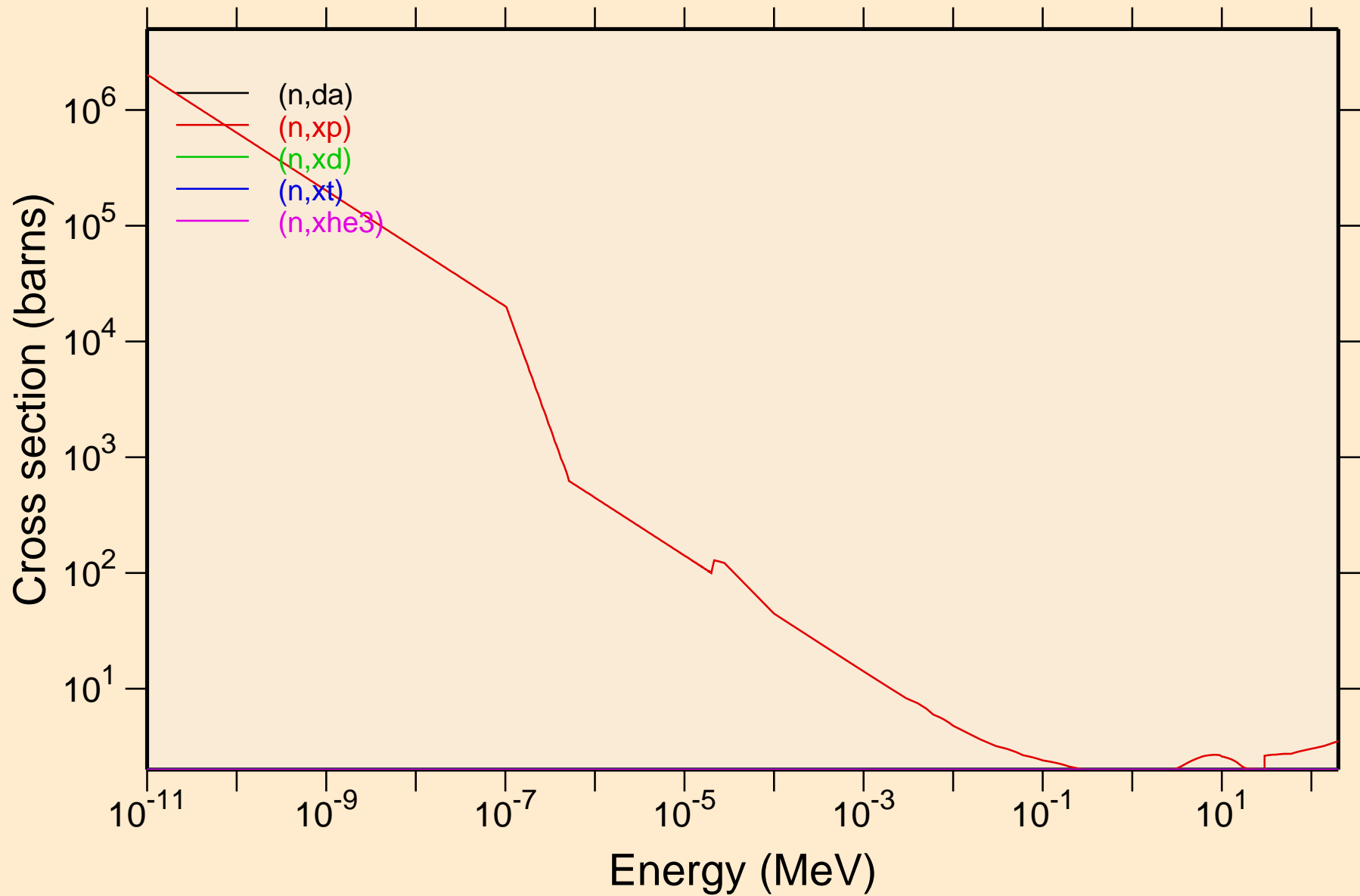




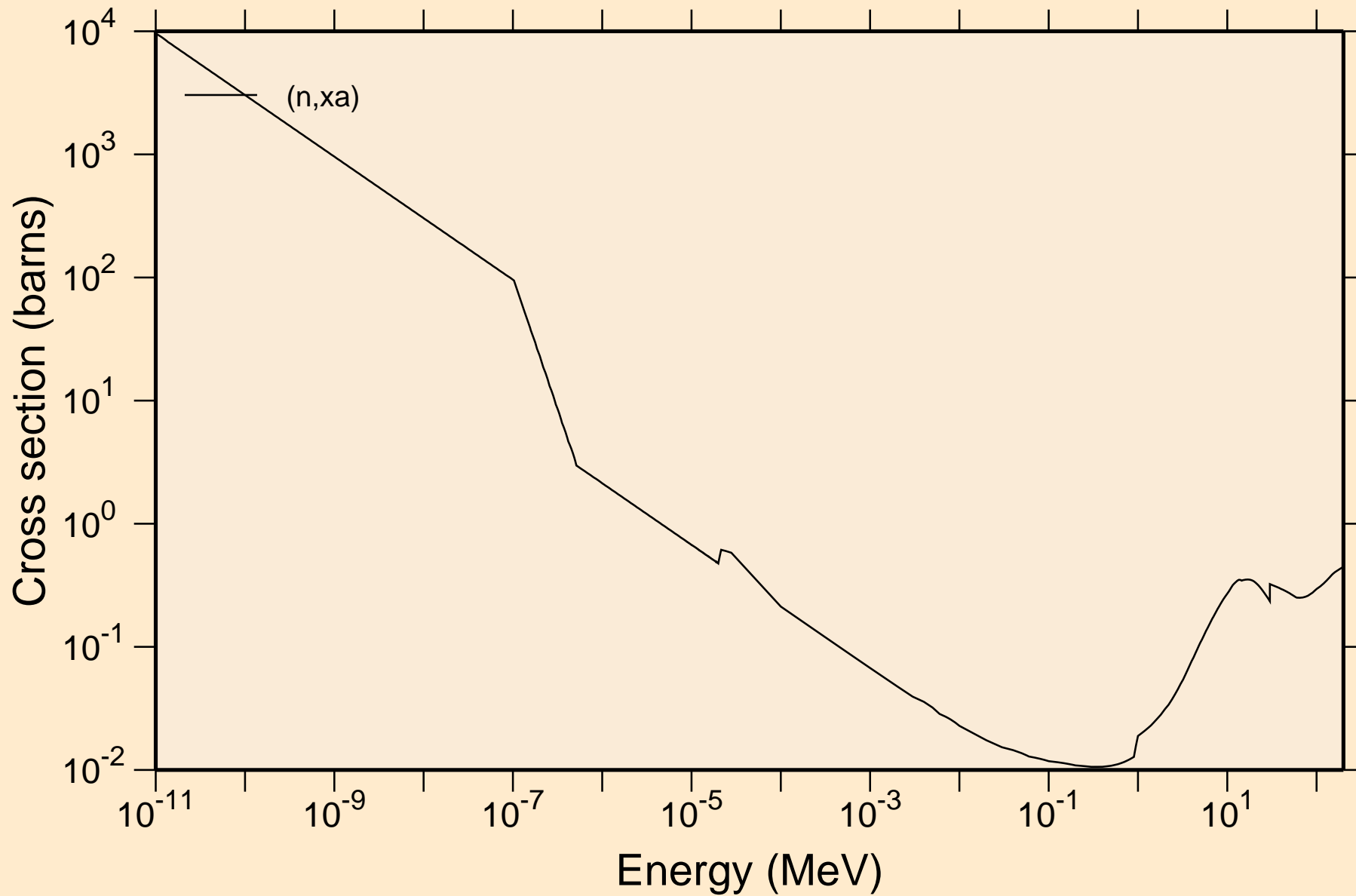
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

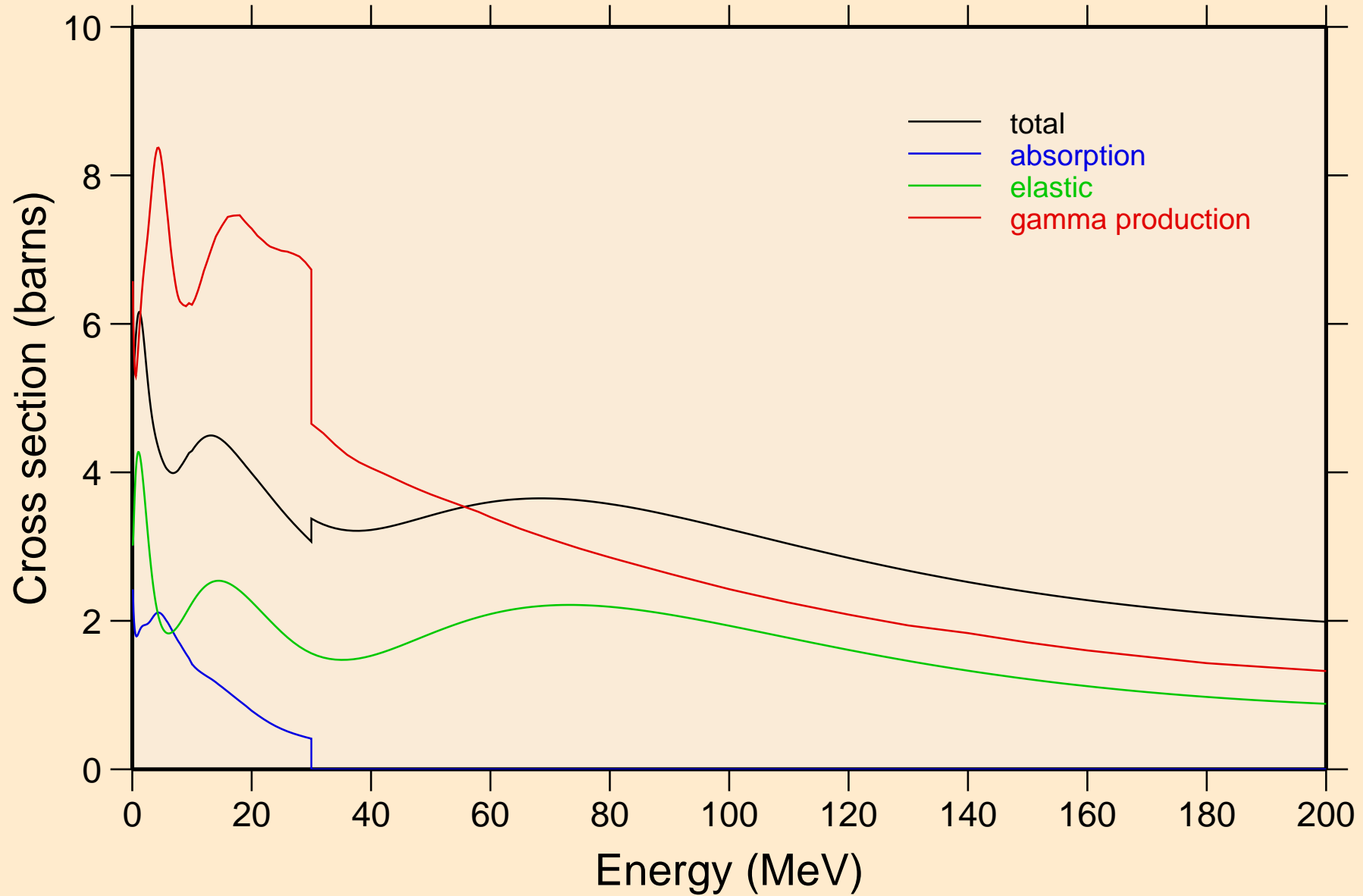


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



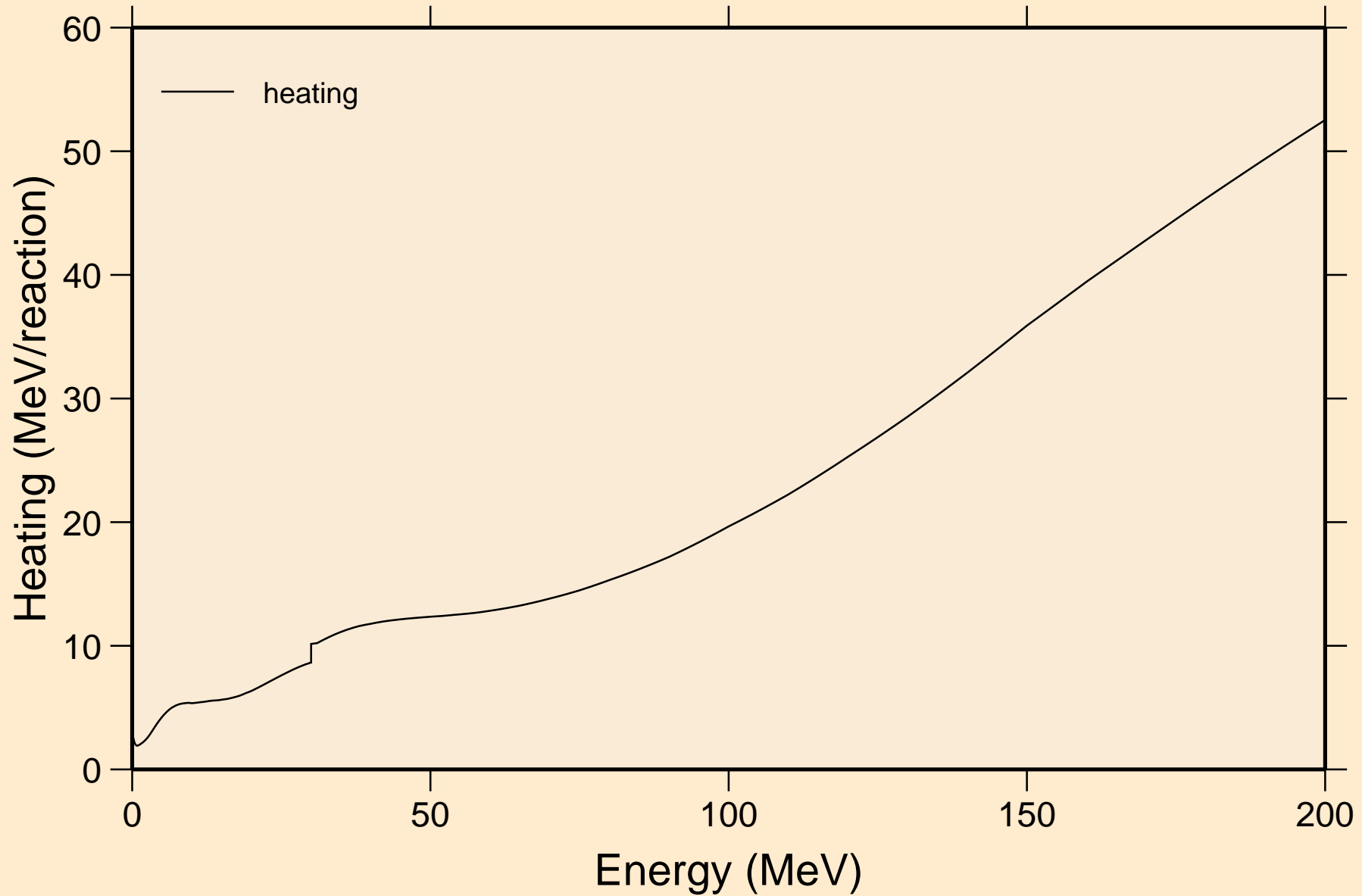
# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

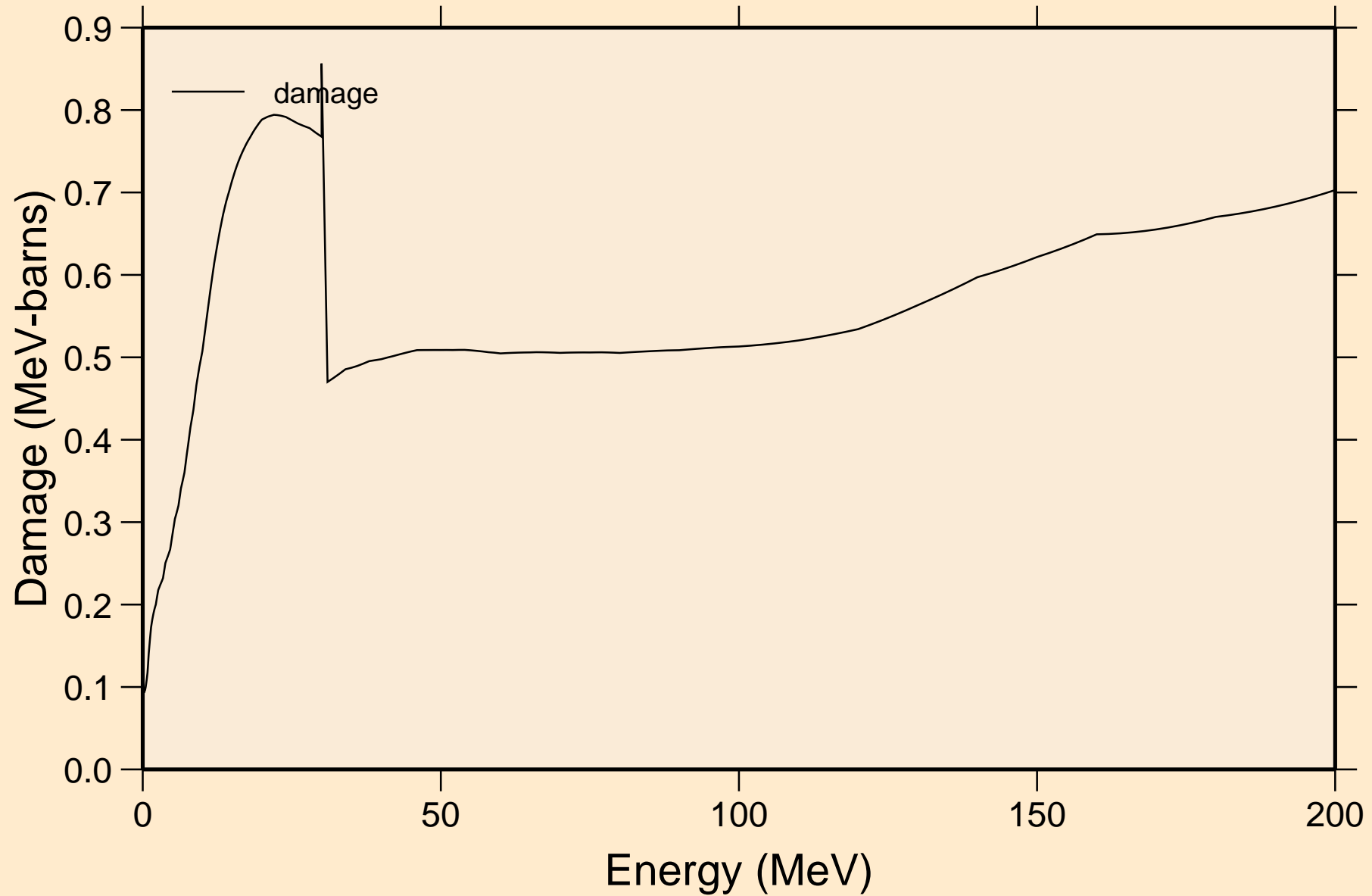
## Heating





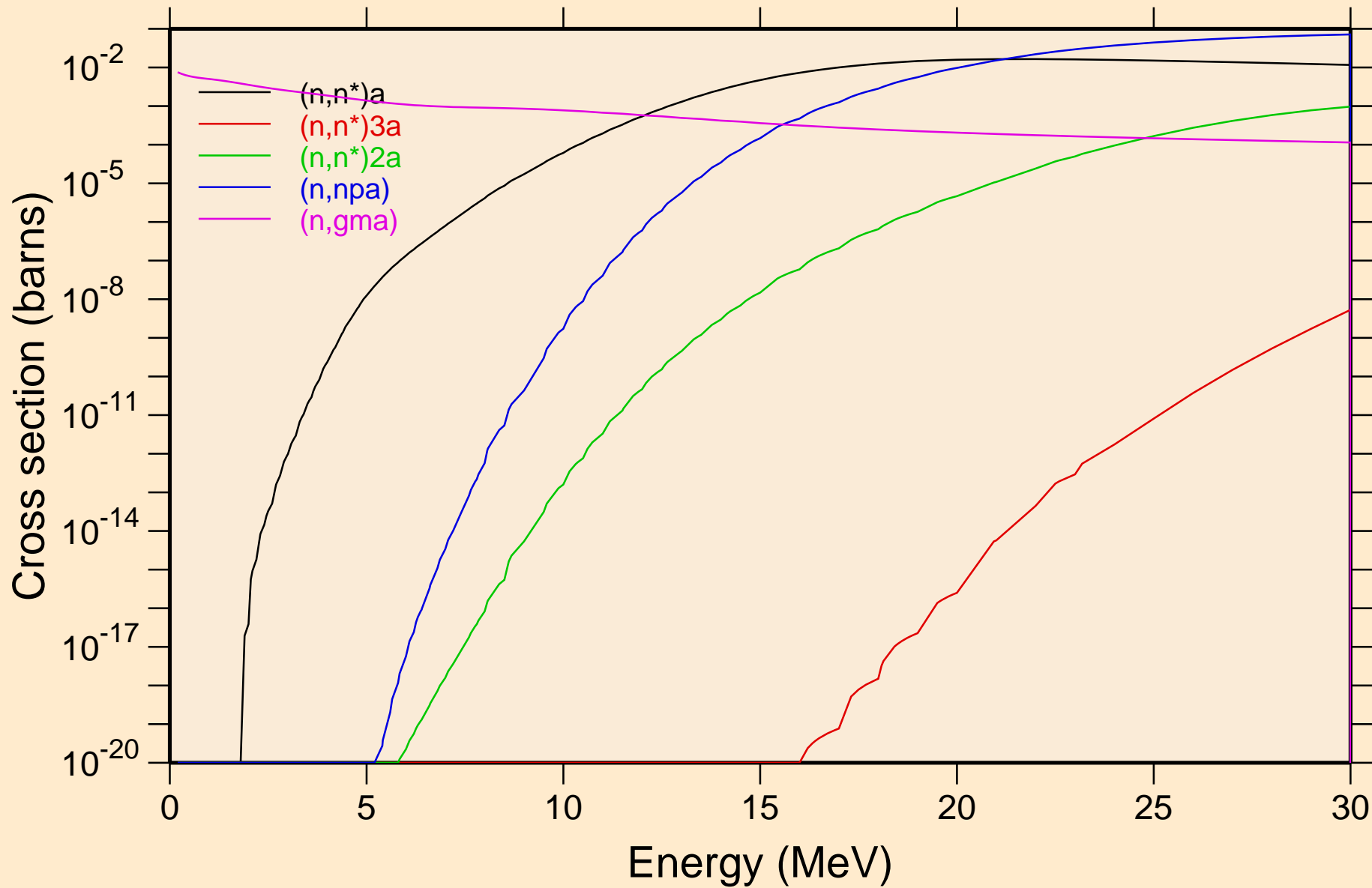
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## Damage



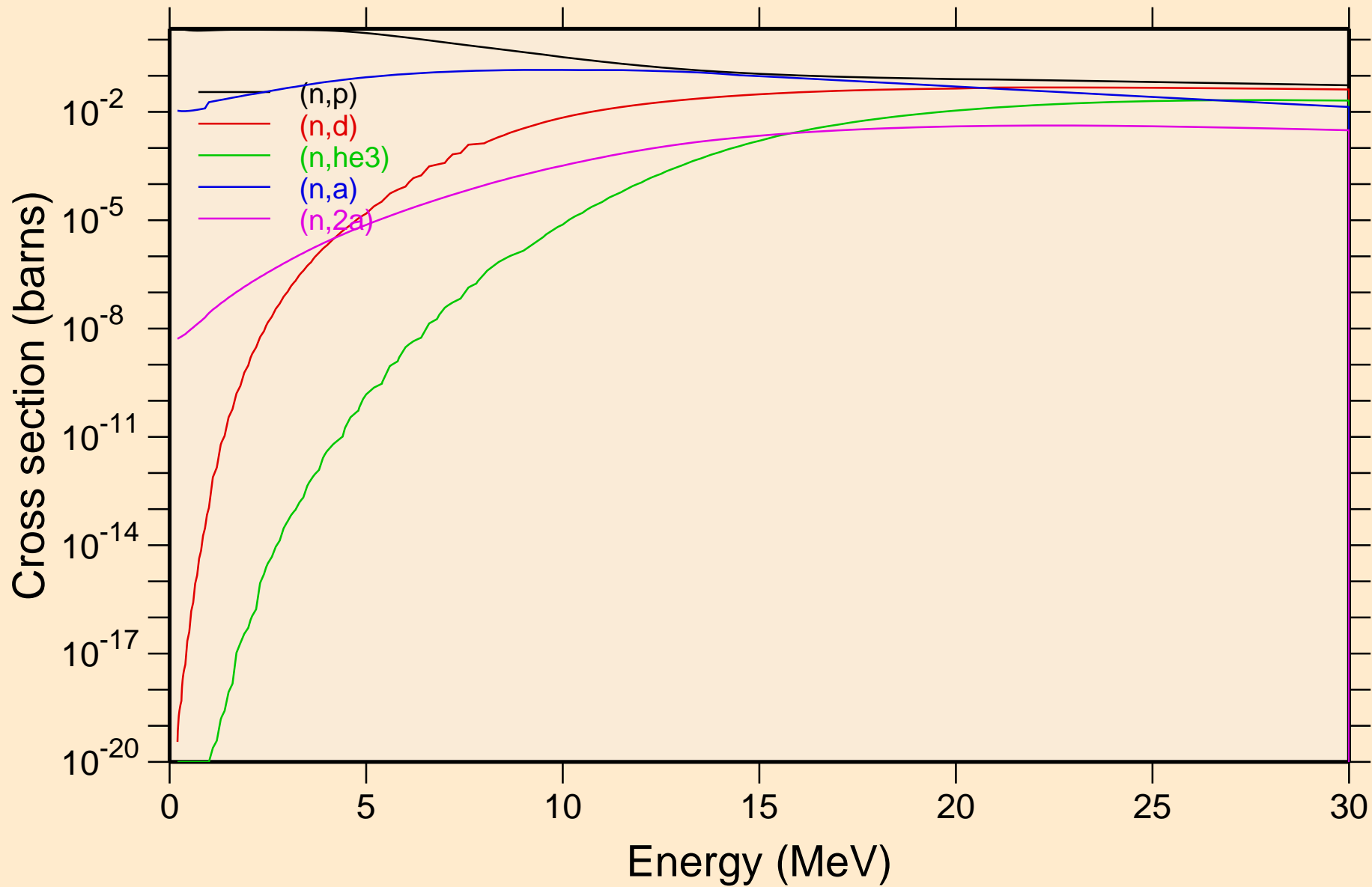
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## Non-threshold reactions



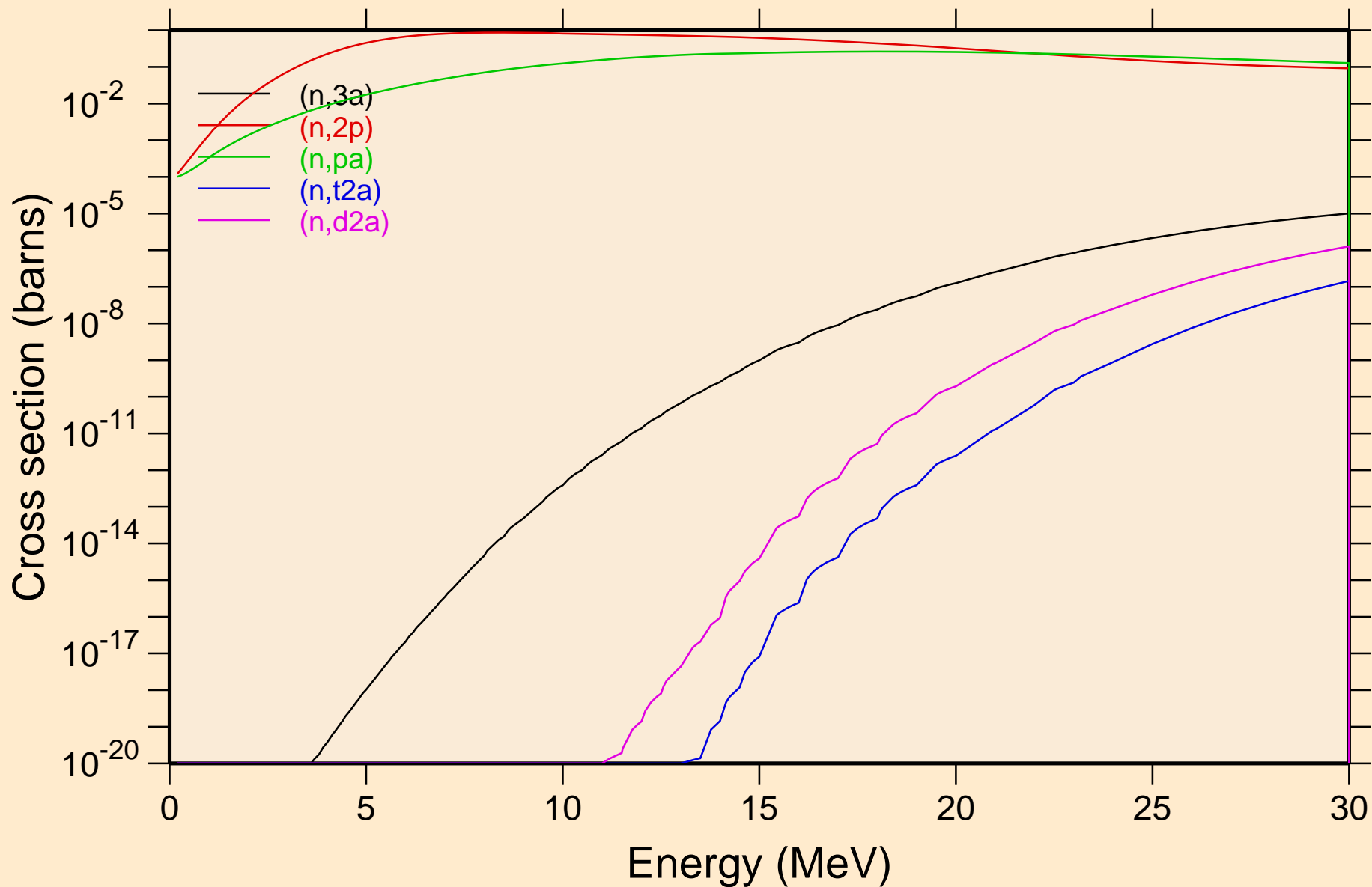
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## Non-threshold reactions

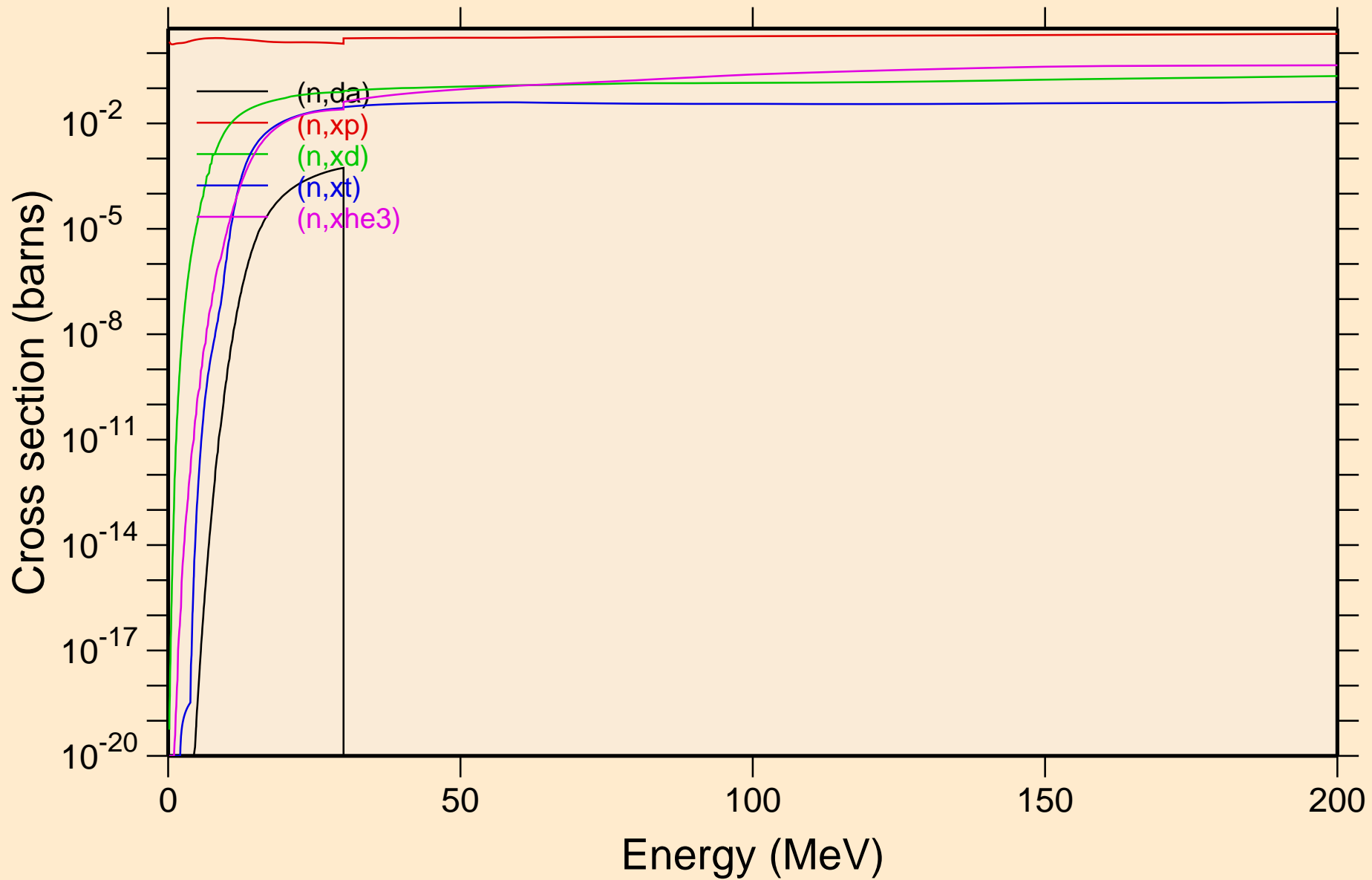


# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

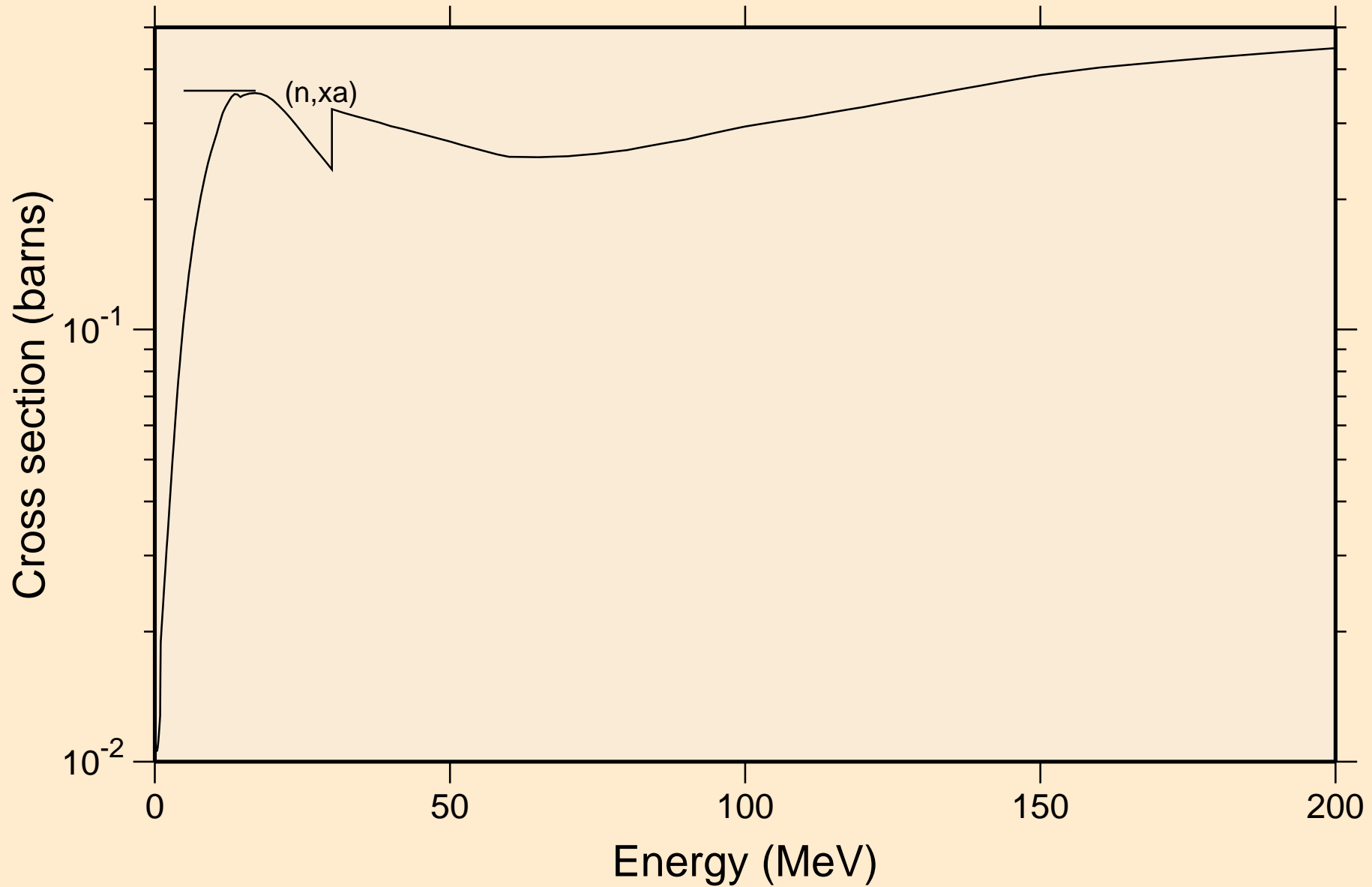
## Non-threshold reactions



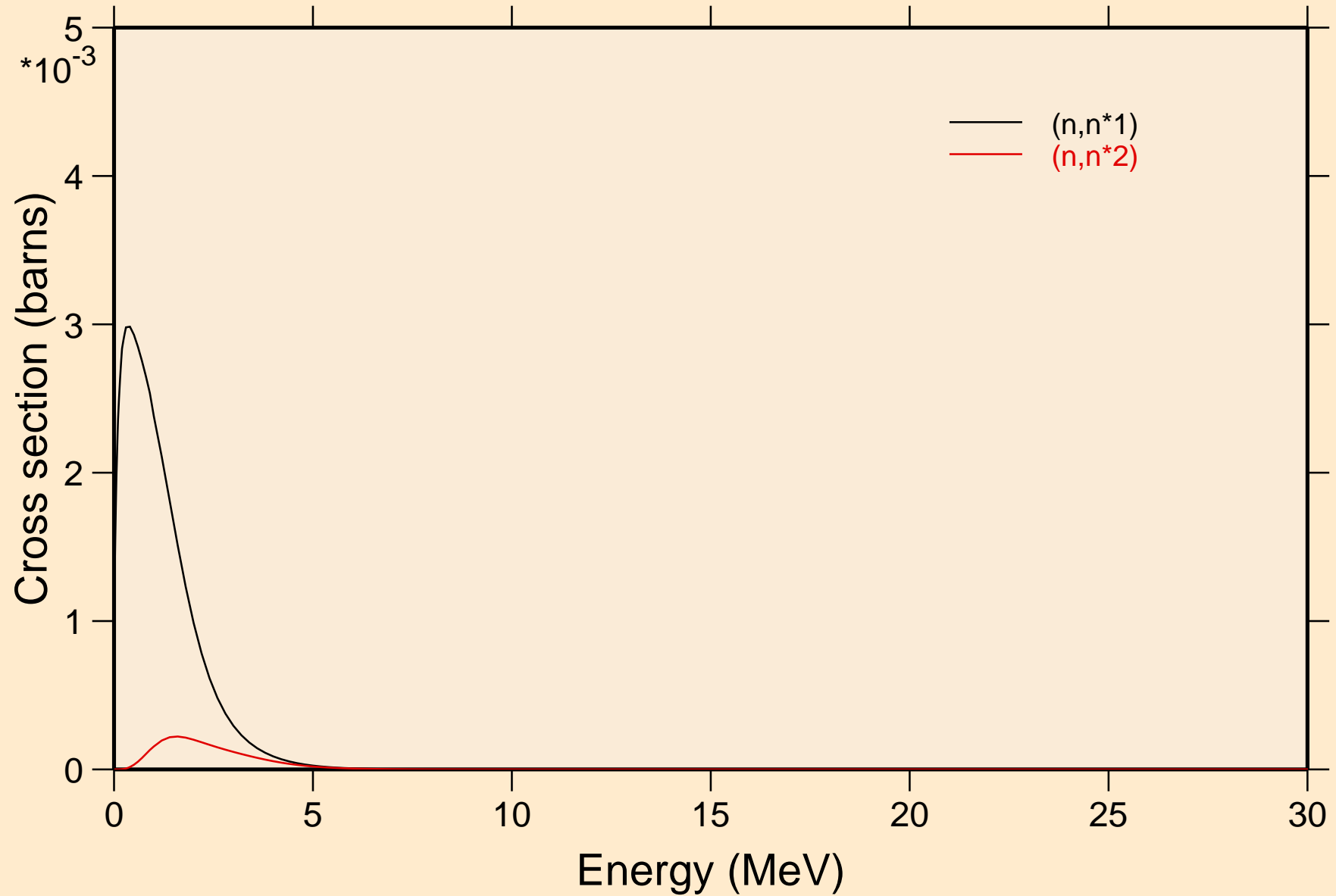
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

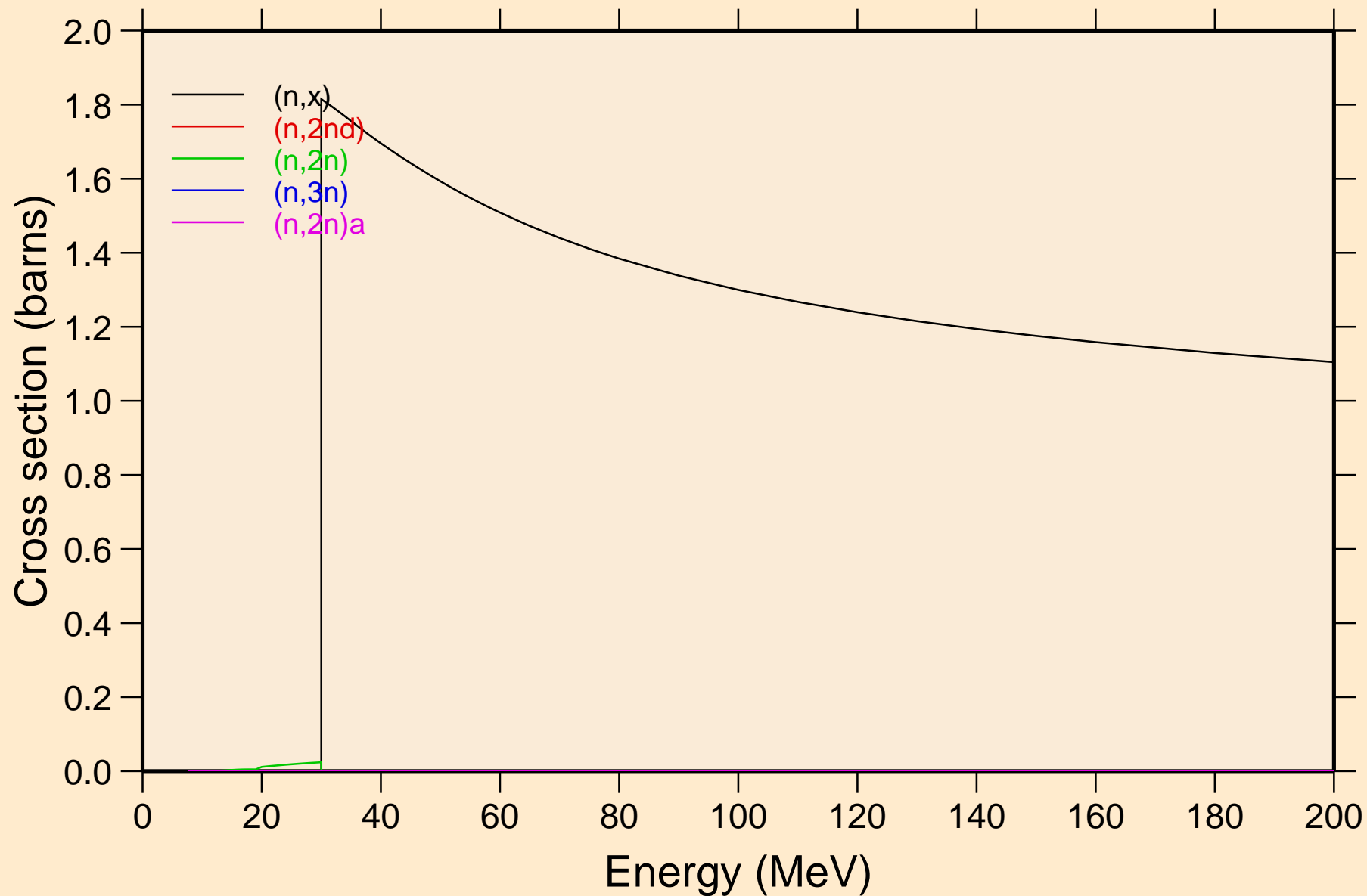


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



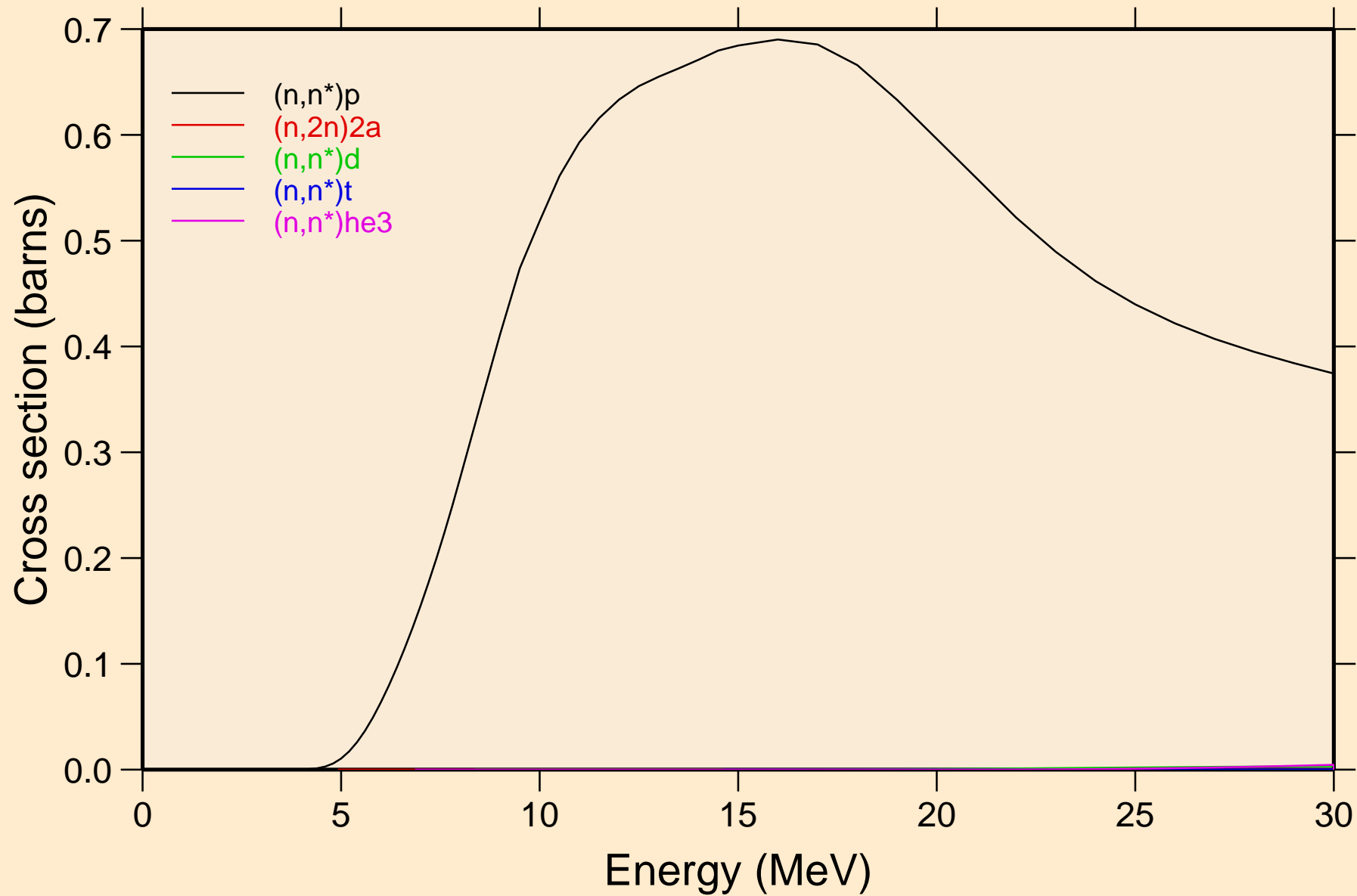
# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



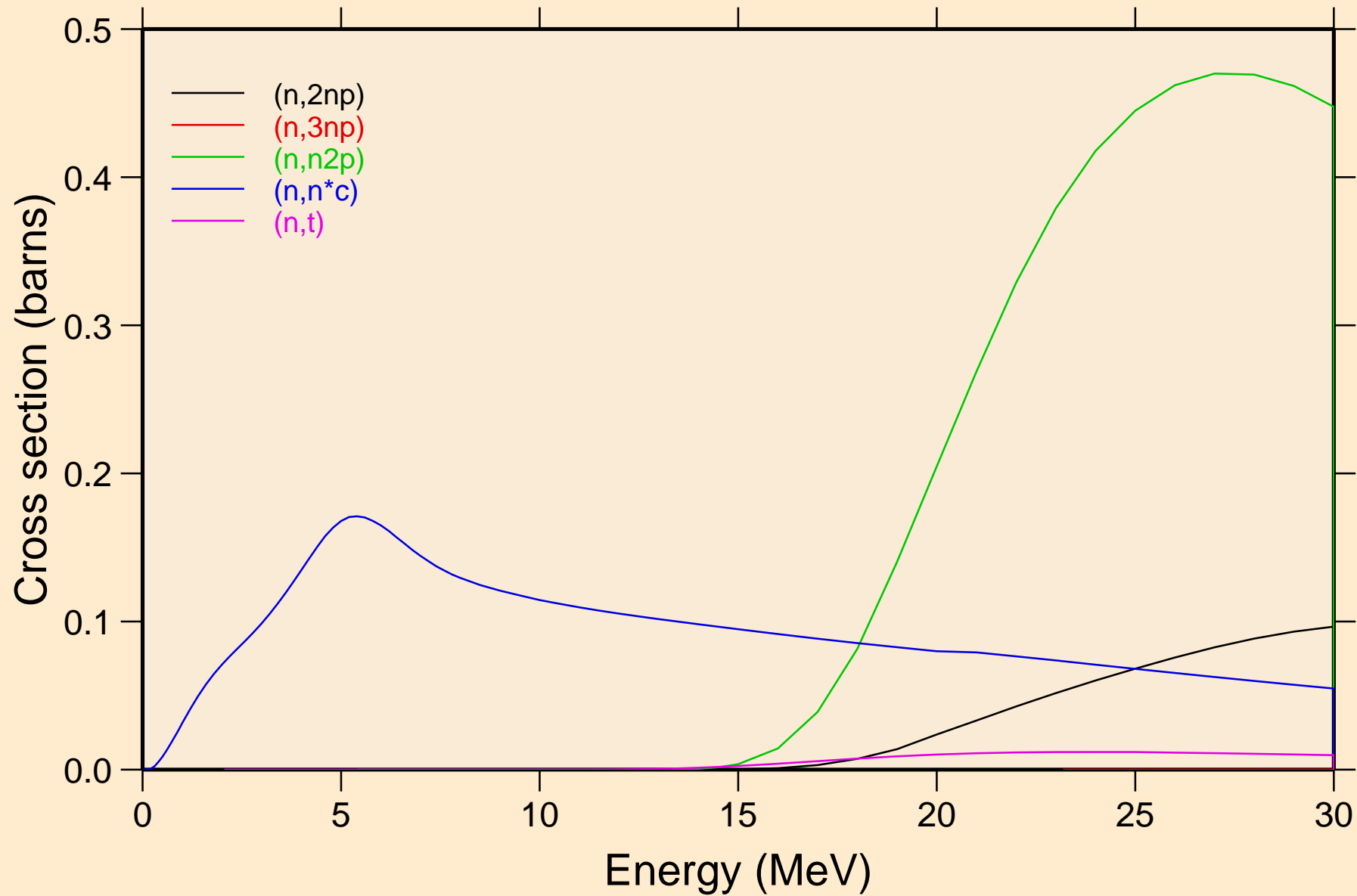


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

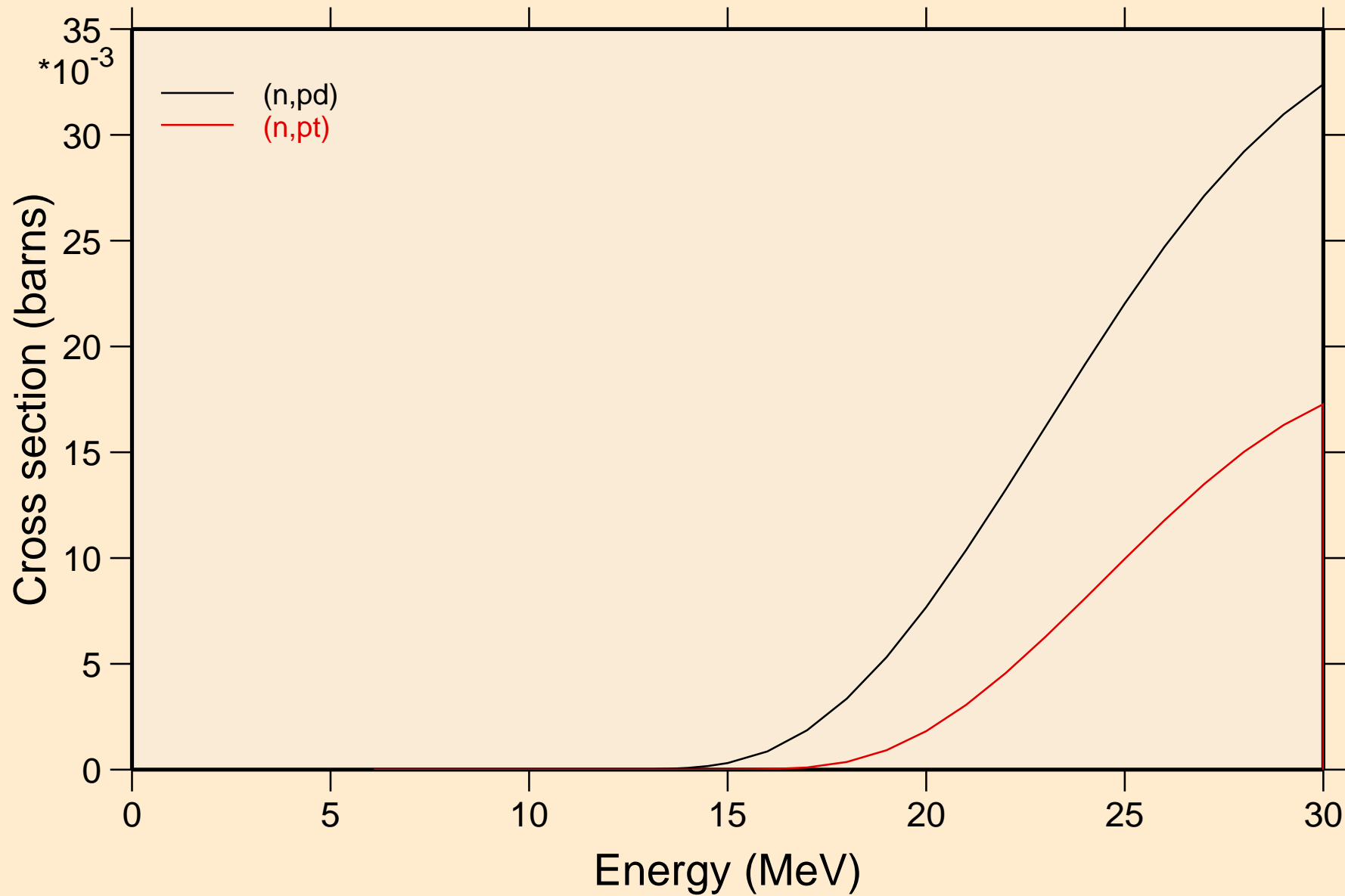


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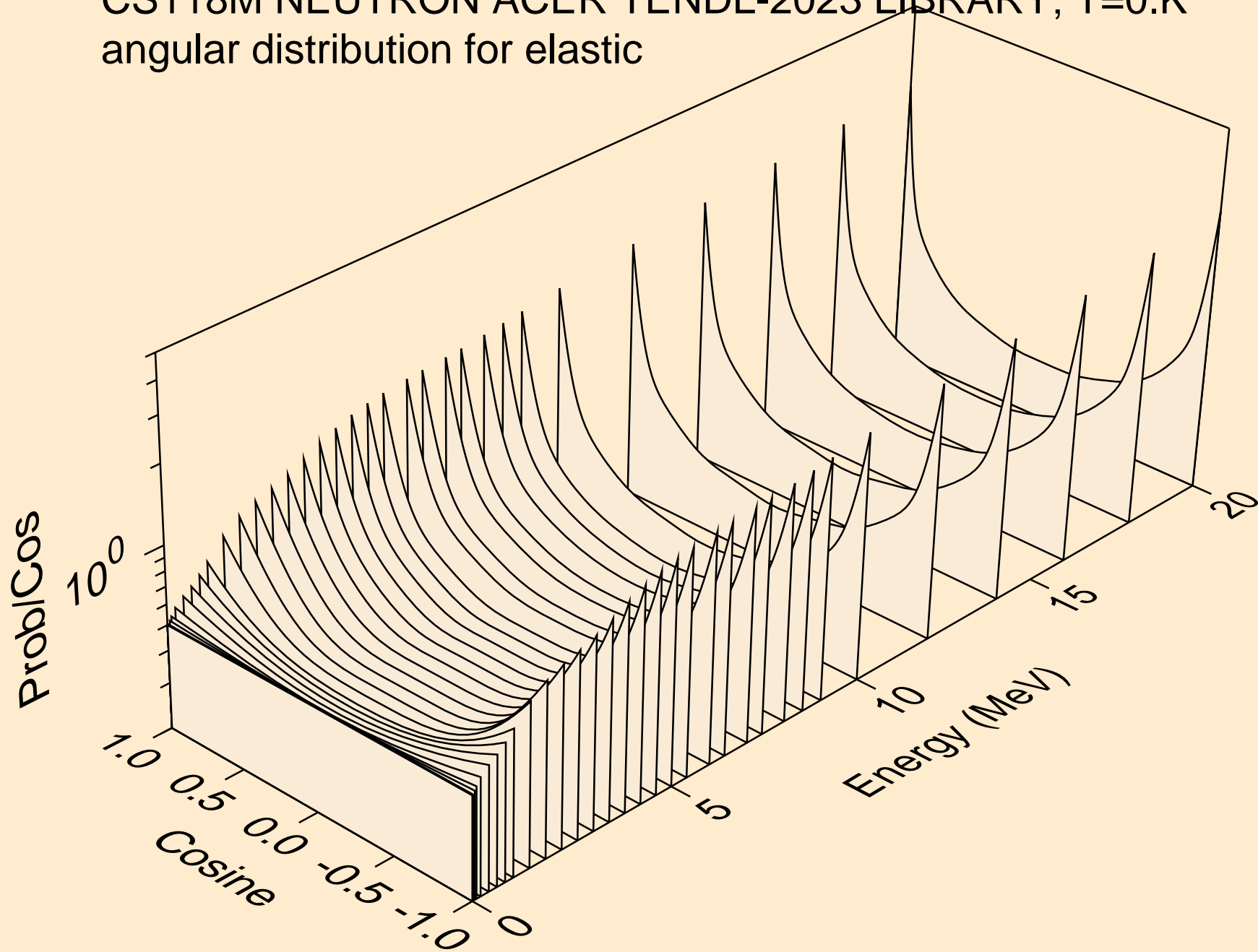
## Threshold reactions



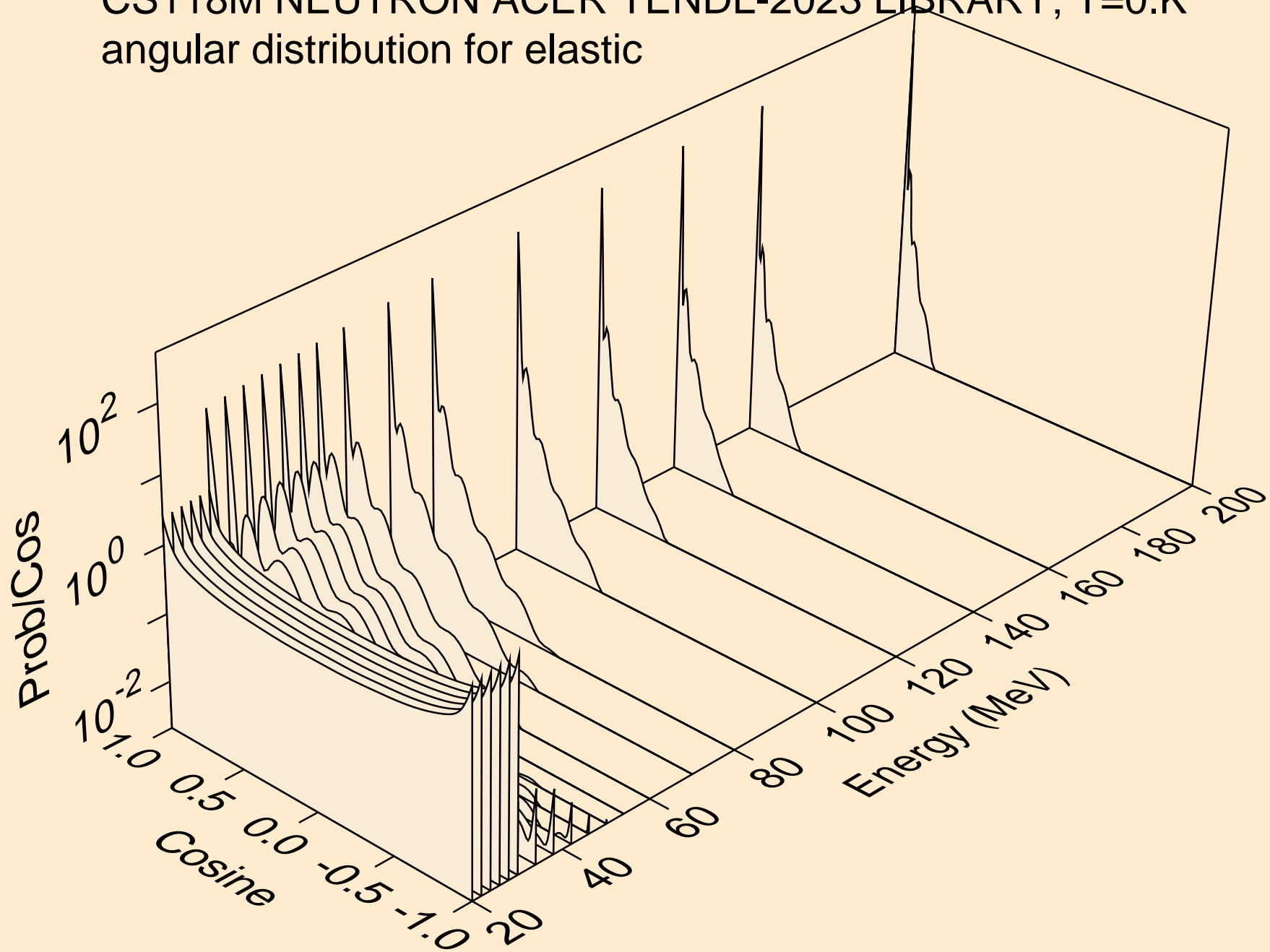
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



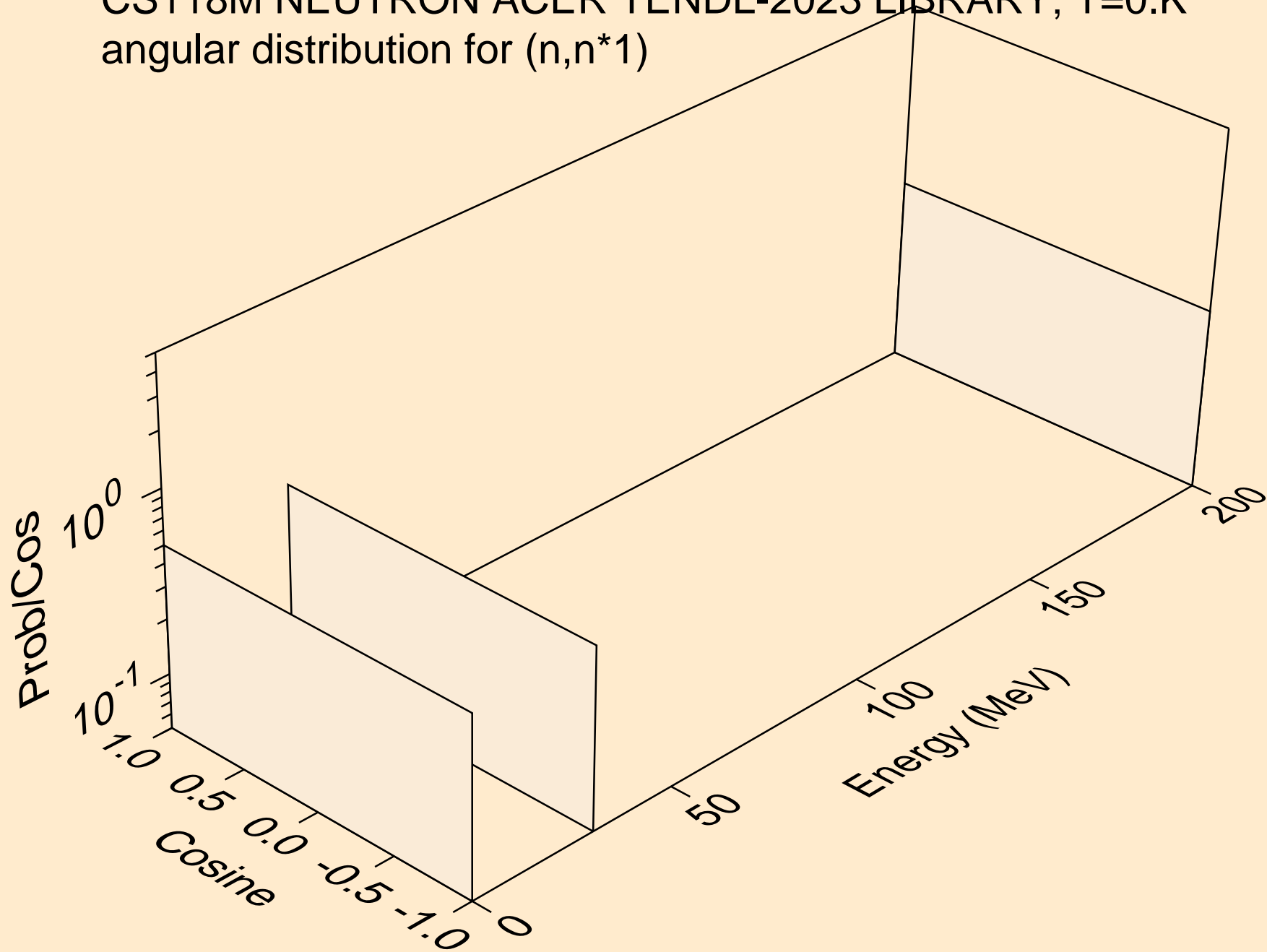
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



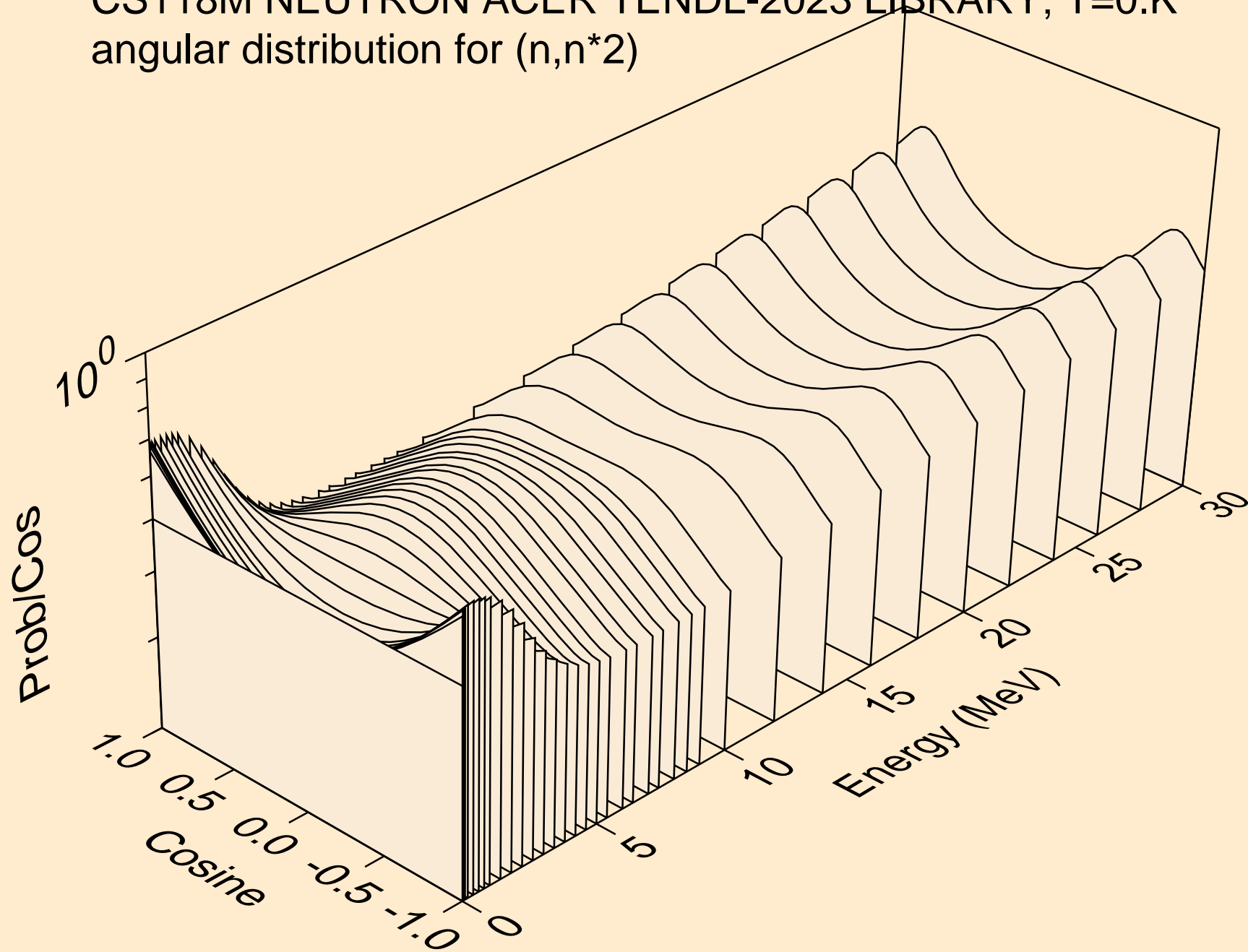
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



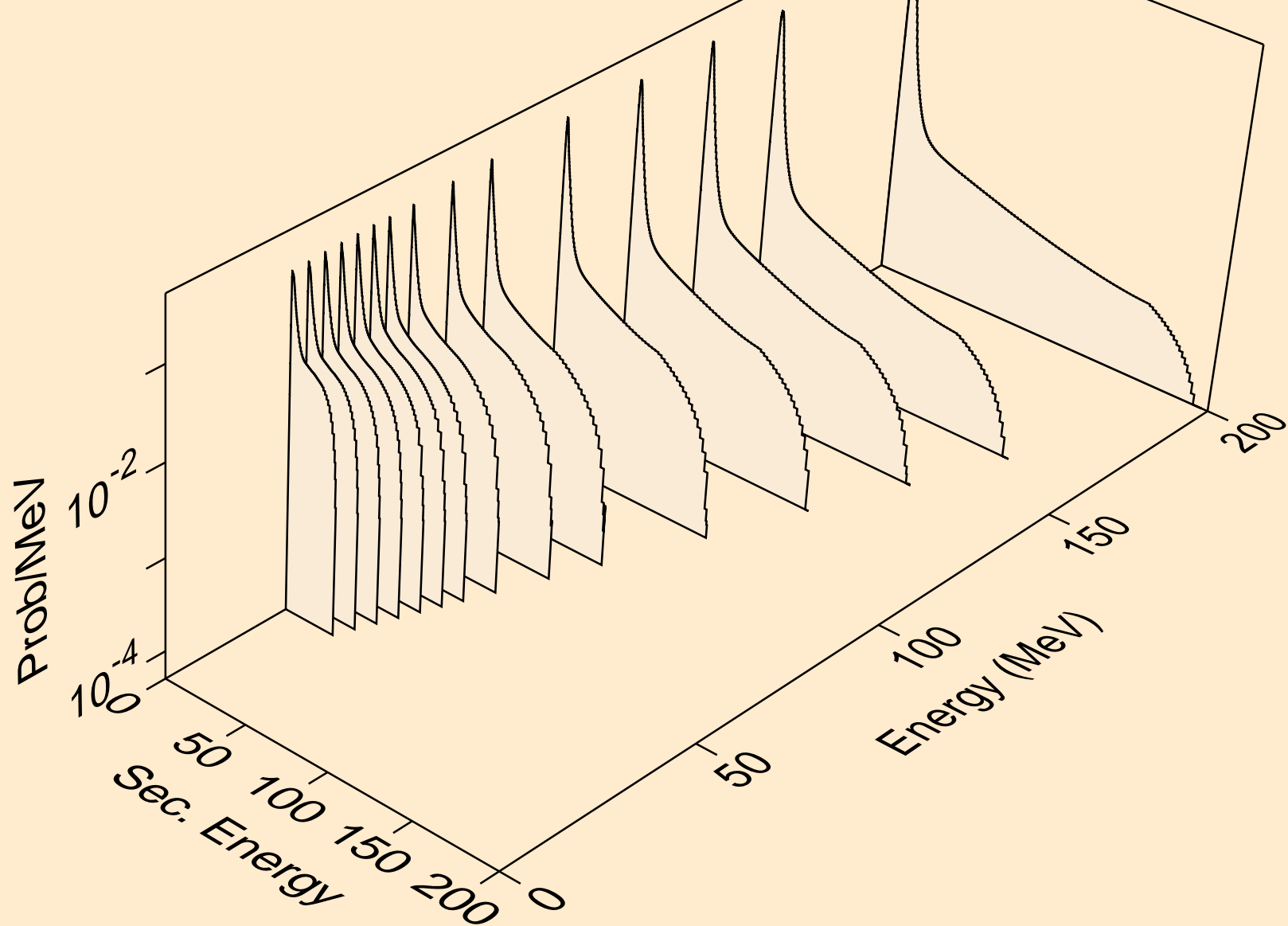
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

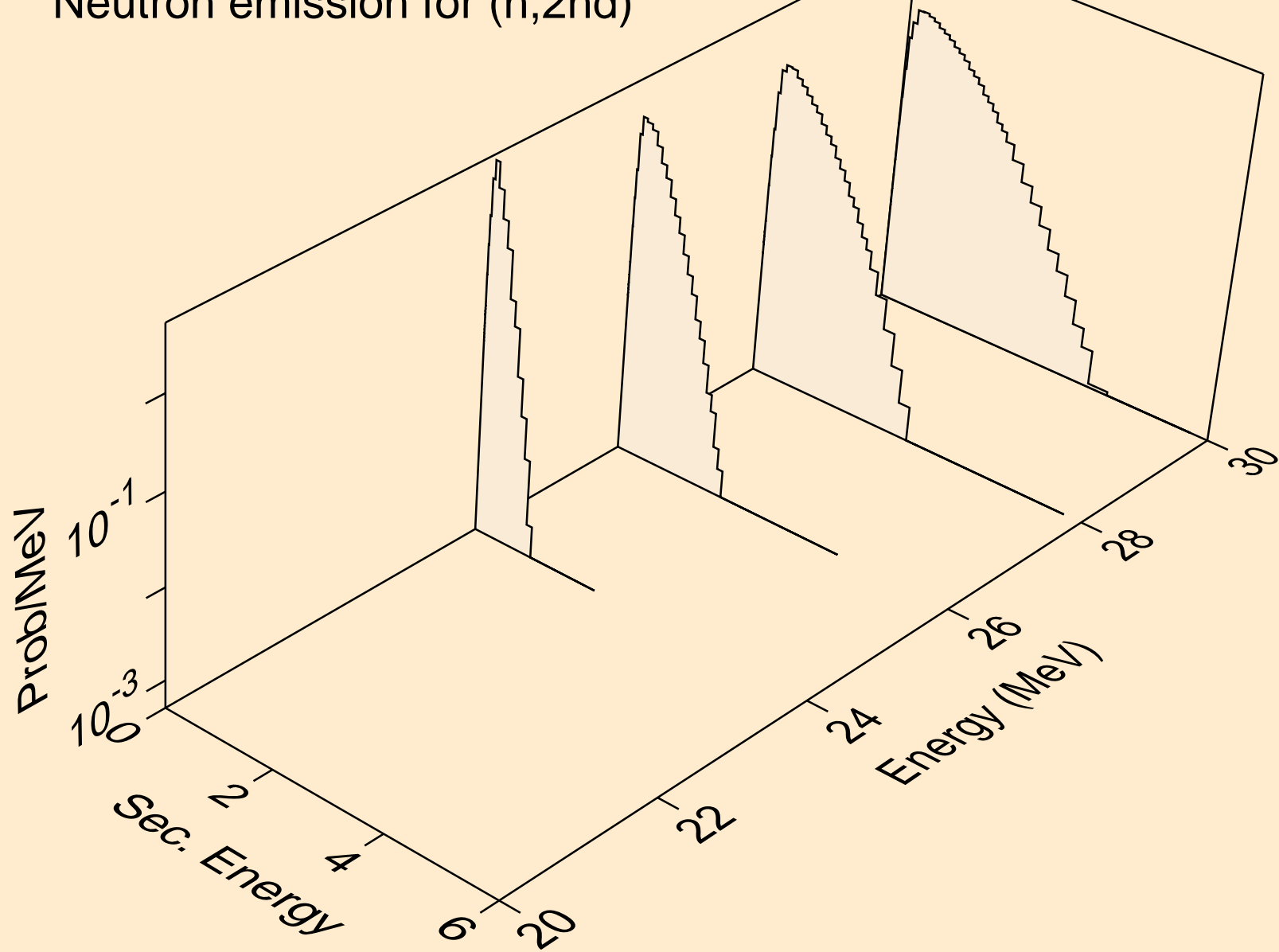


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

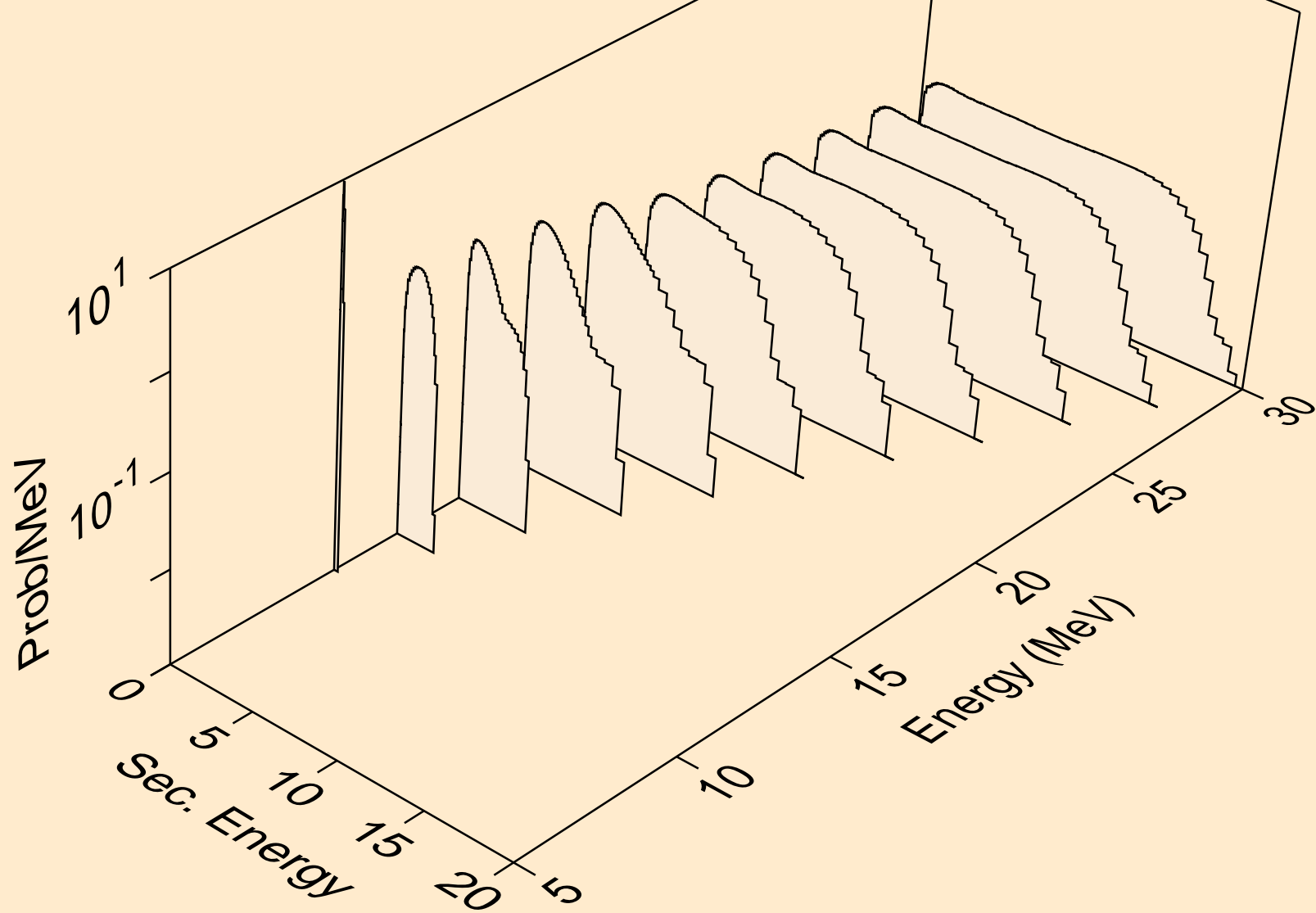




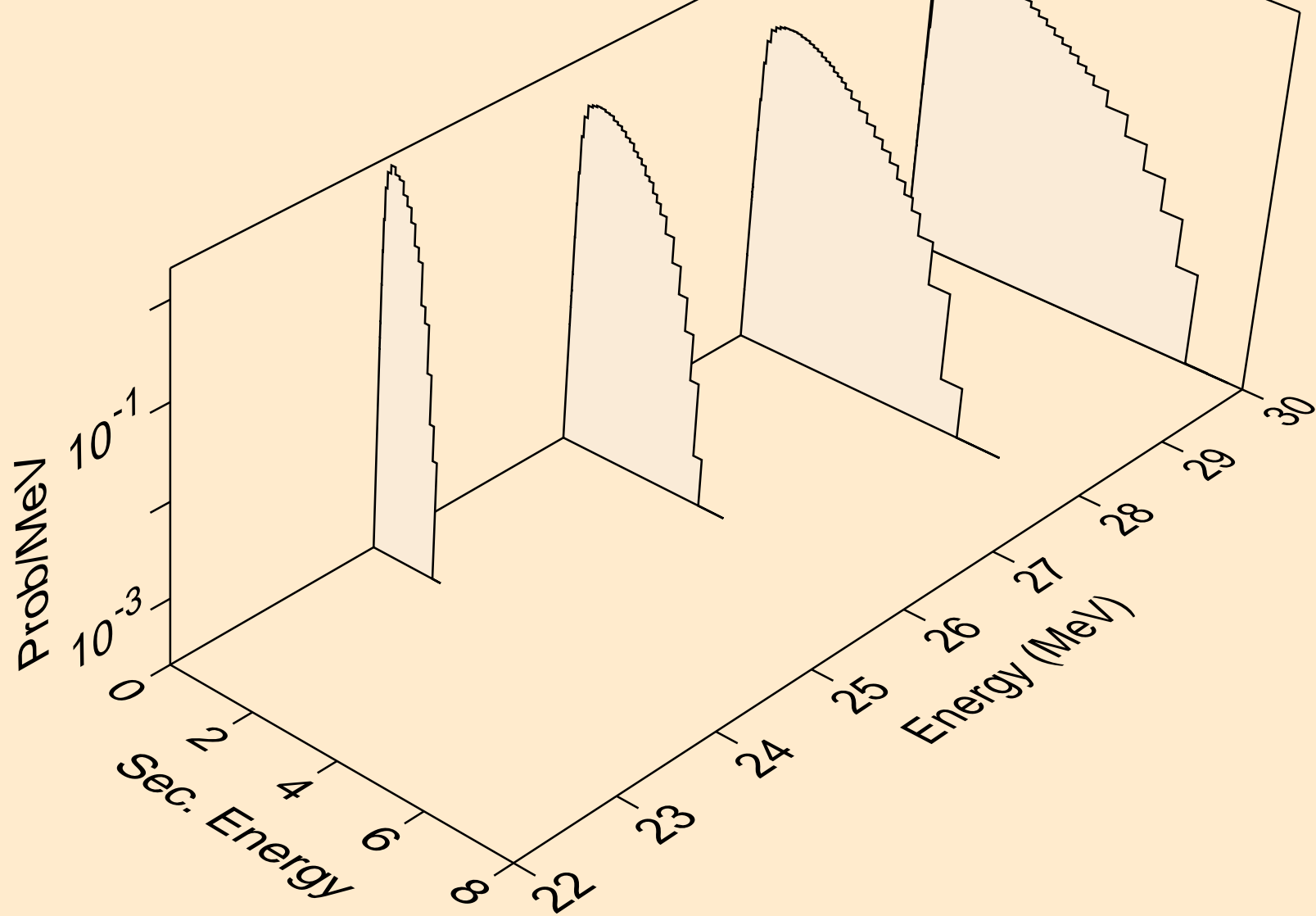
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



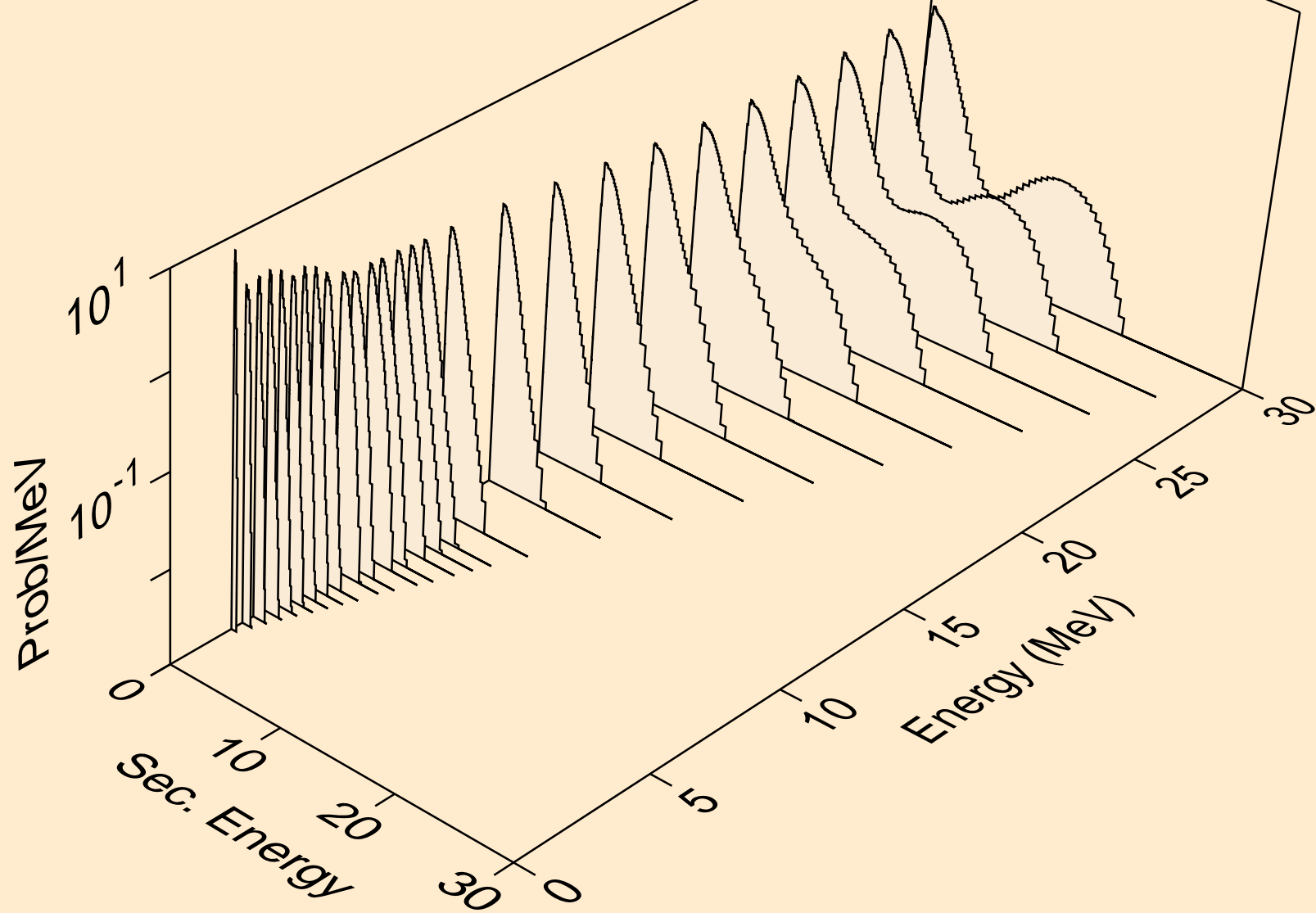
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Neutron emission for (n,2n)



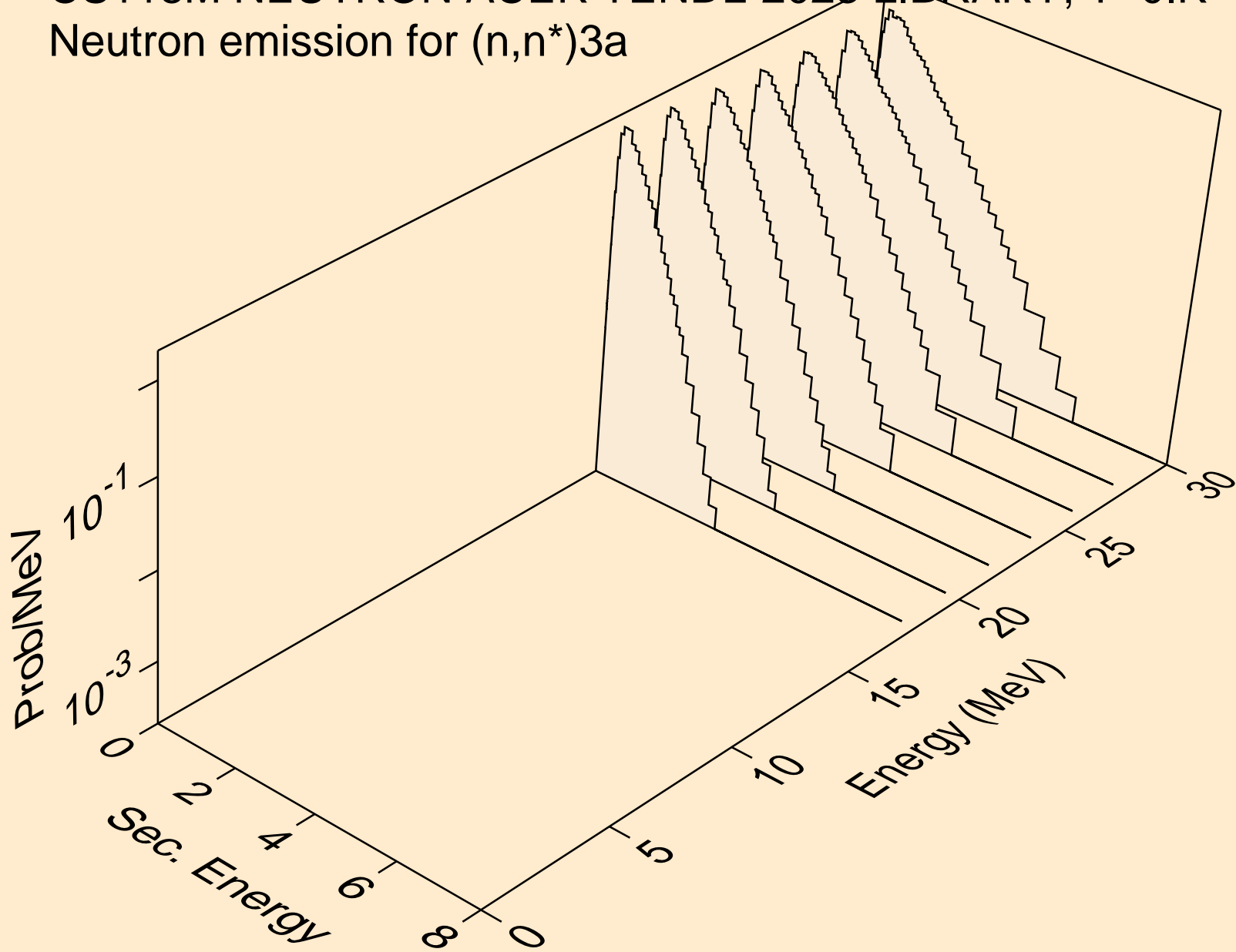
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Neutron emission for (n,3n)



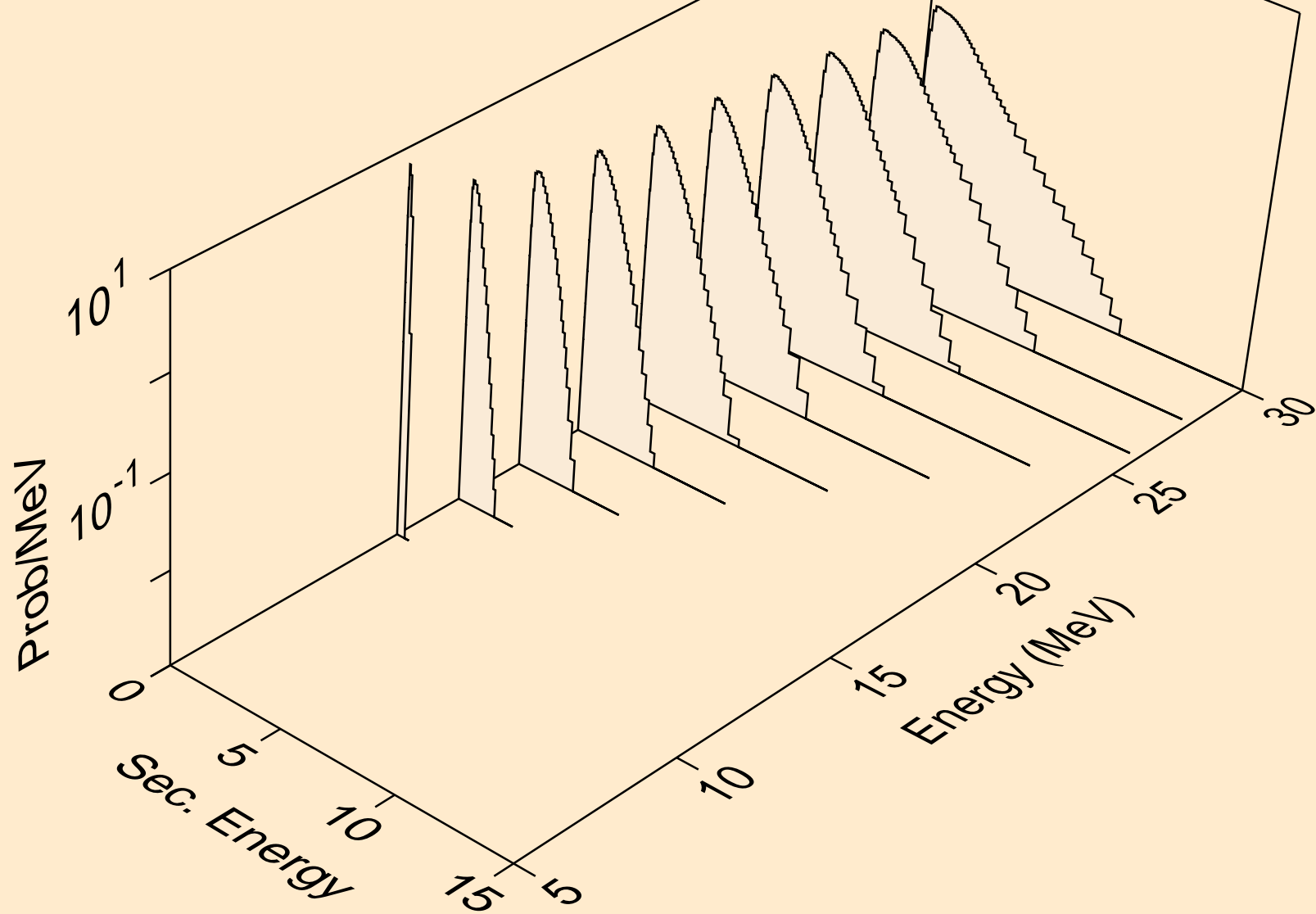
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



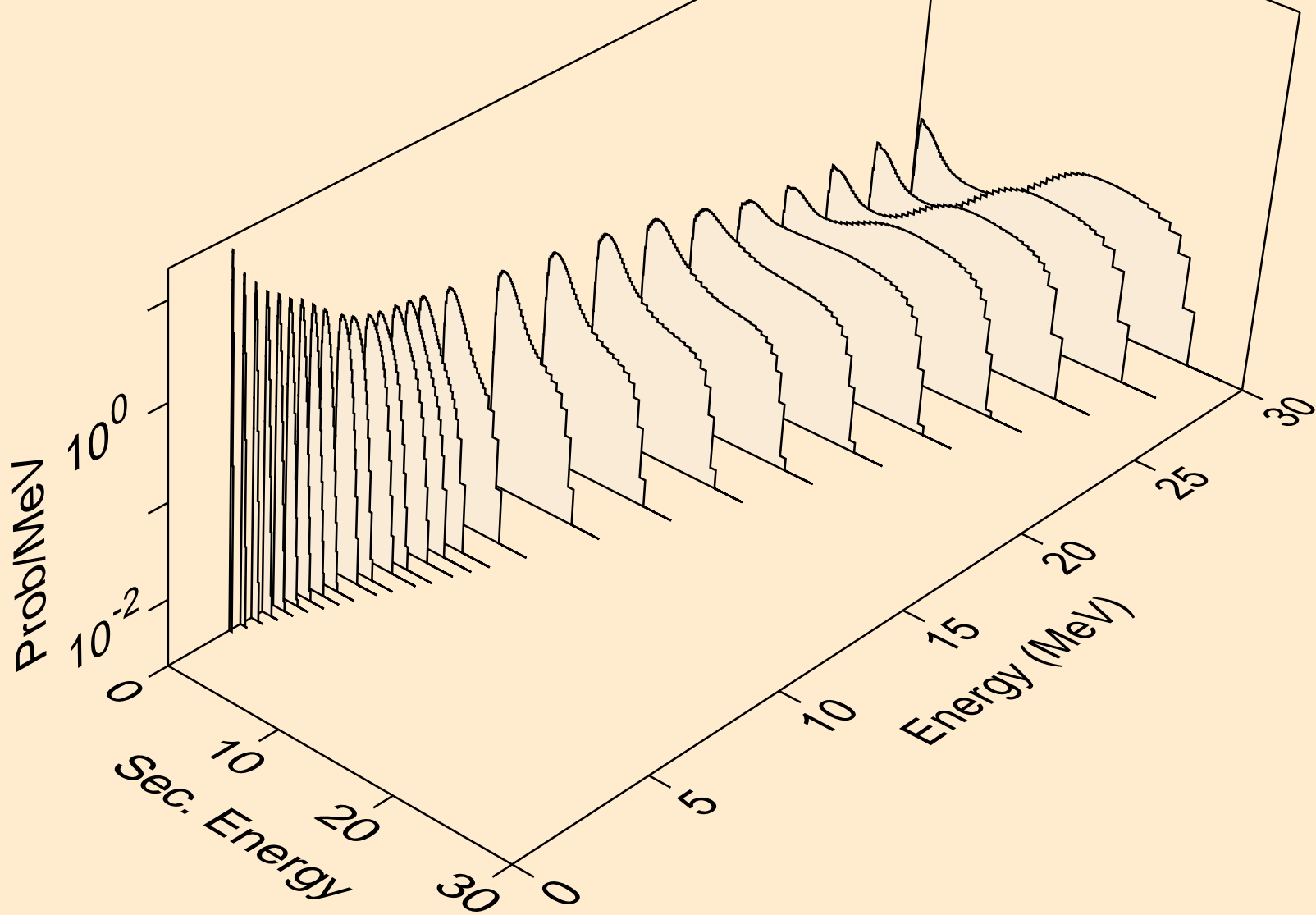
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Neutron emission for (n,n\*)3a



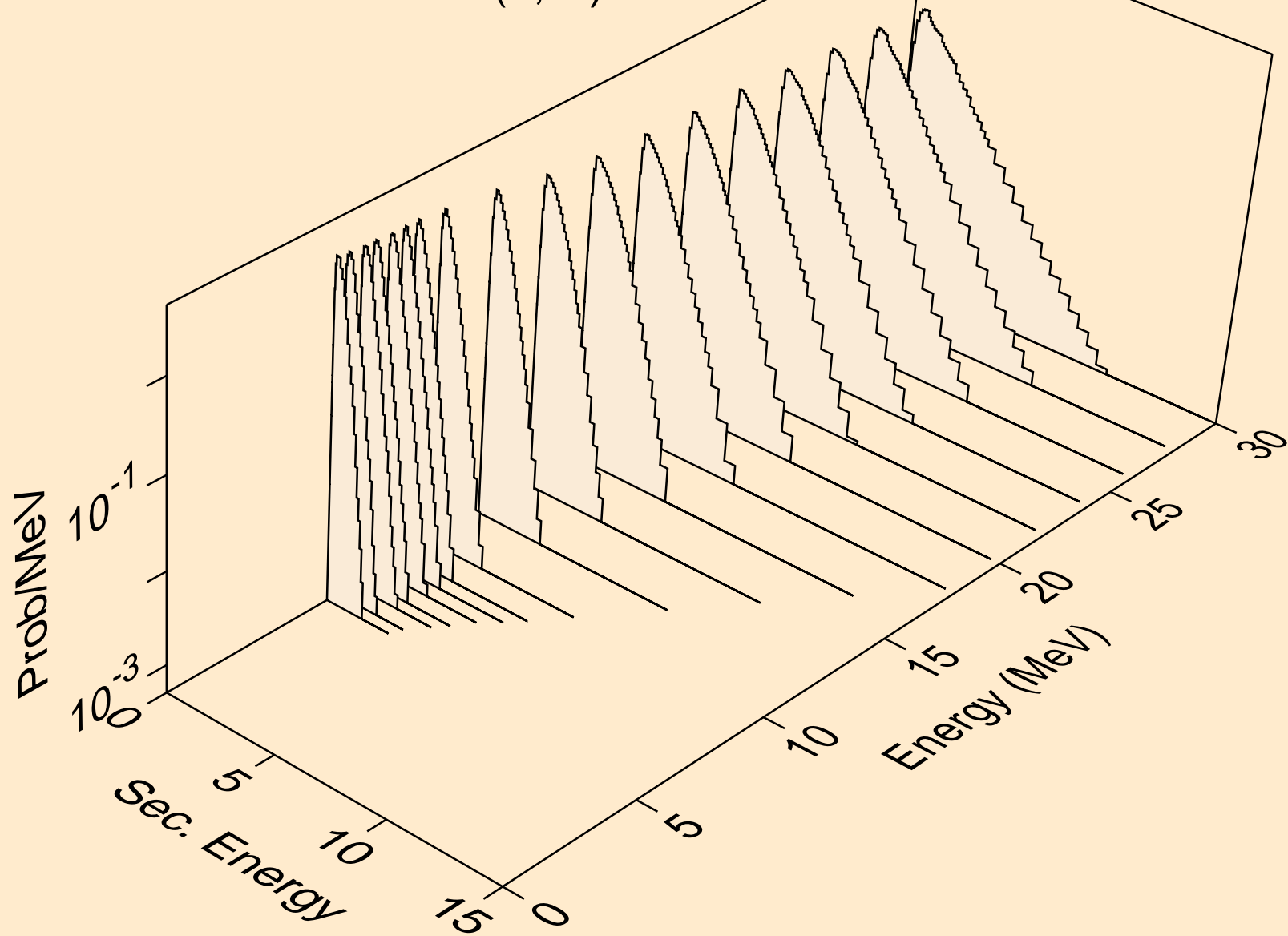
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

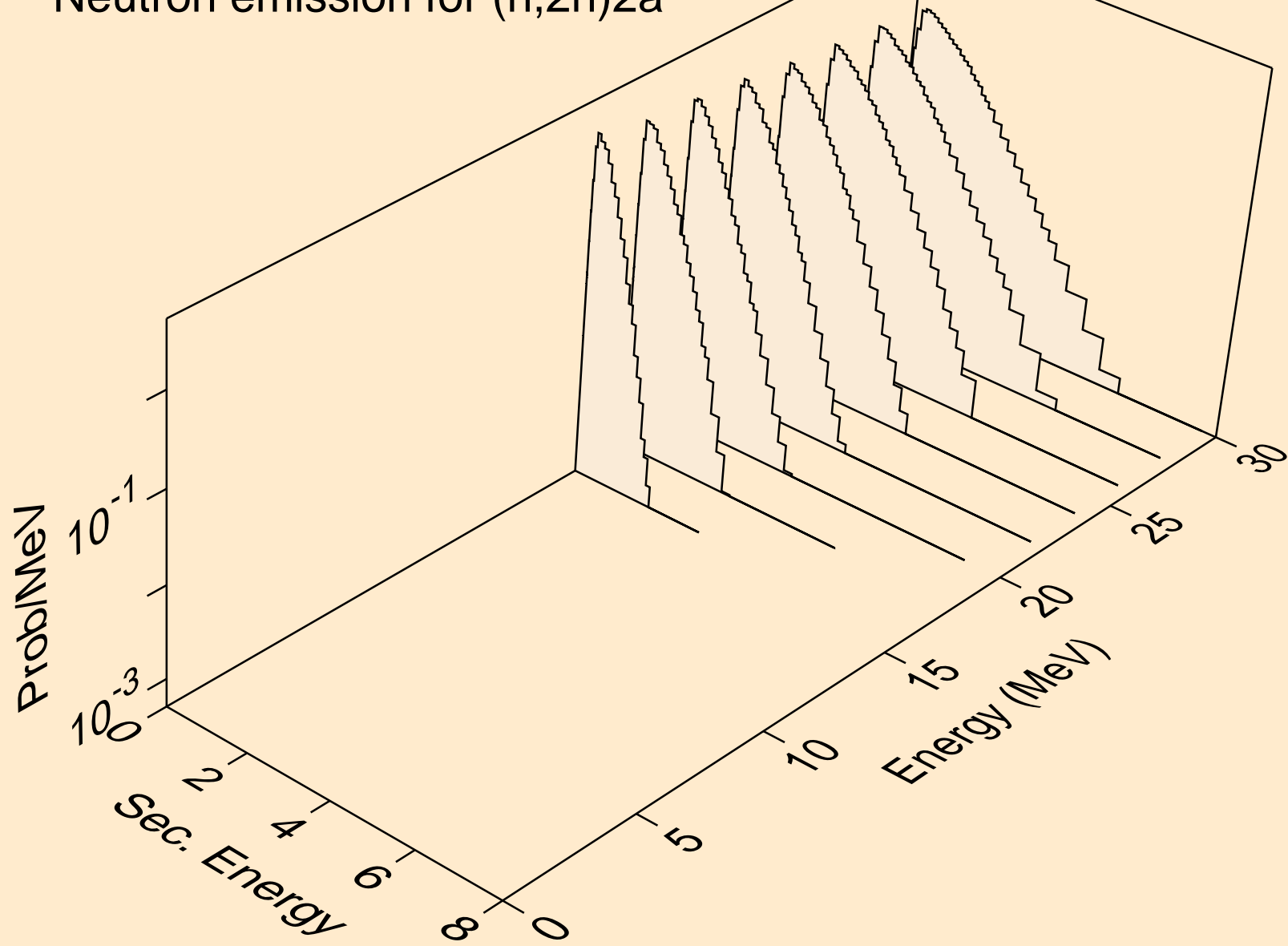


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

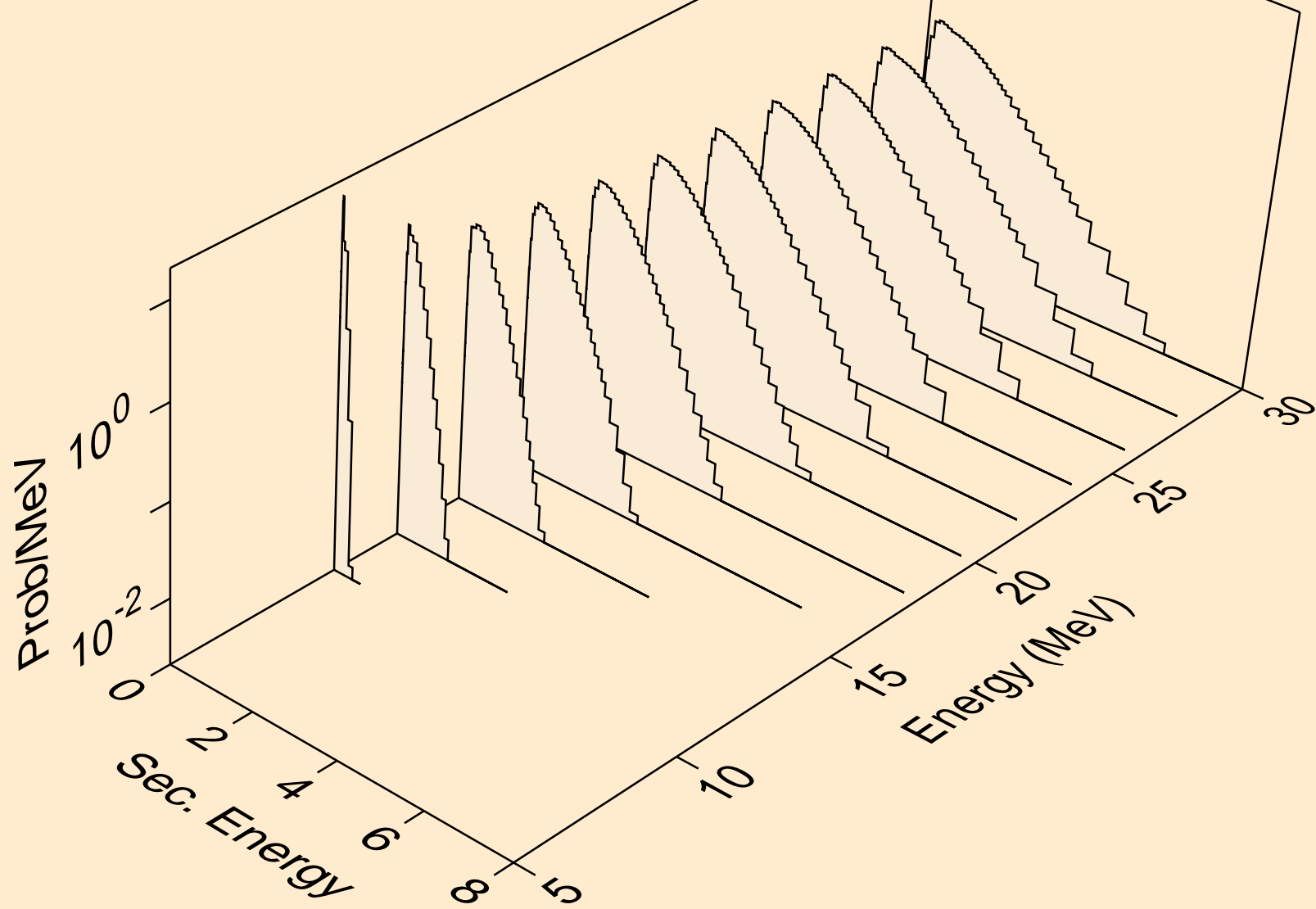




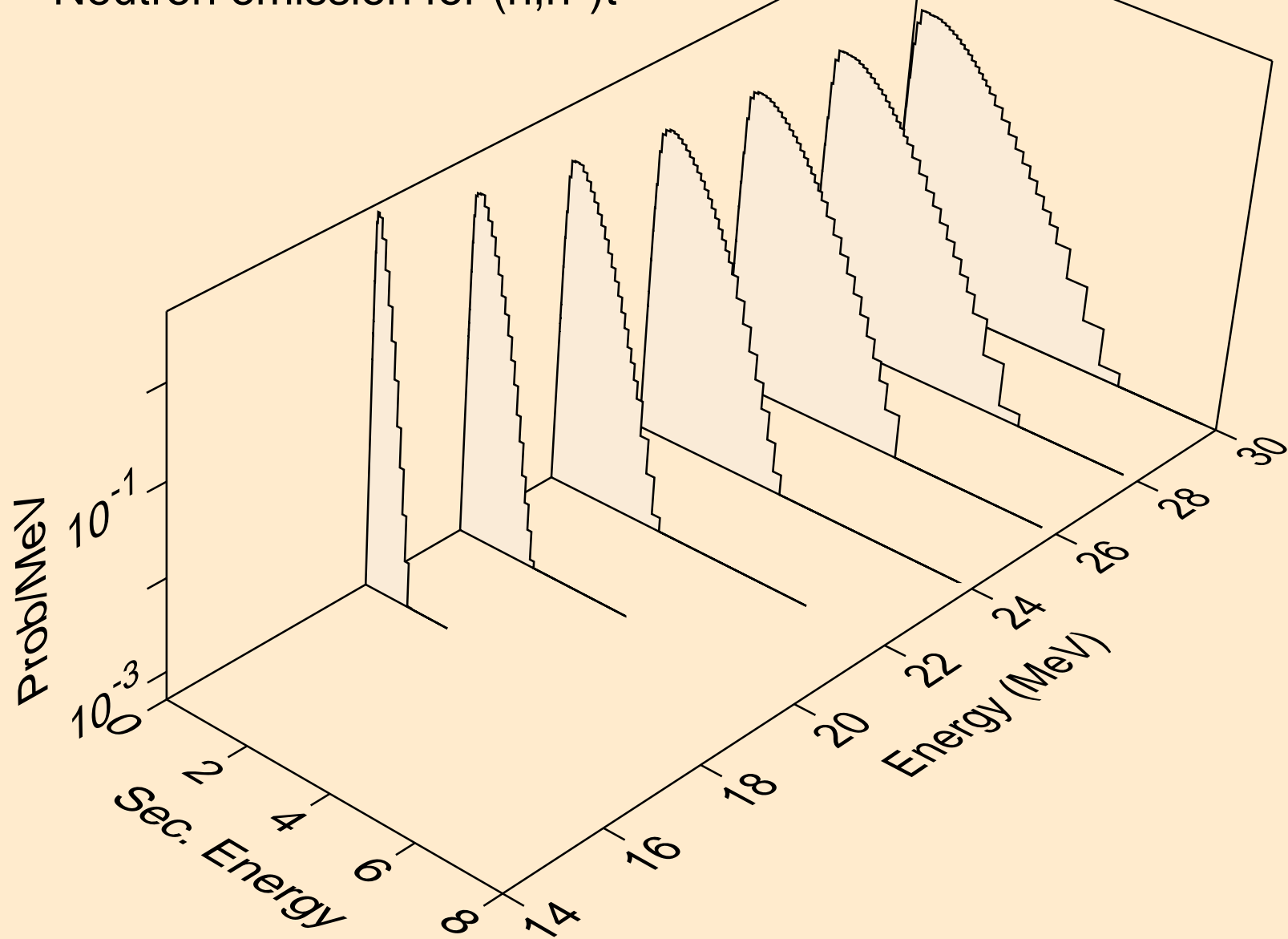
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



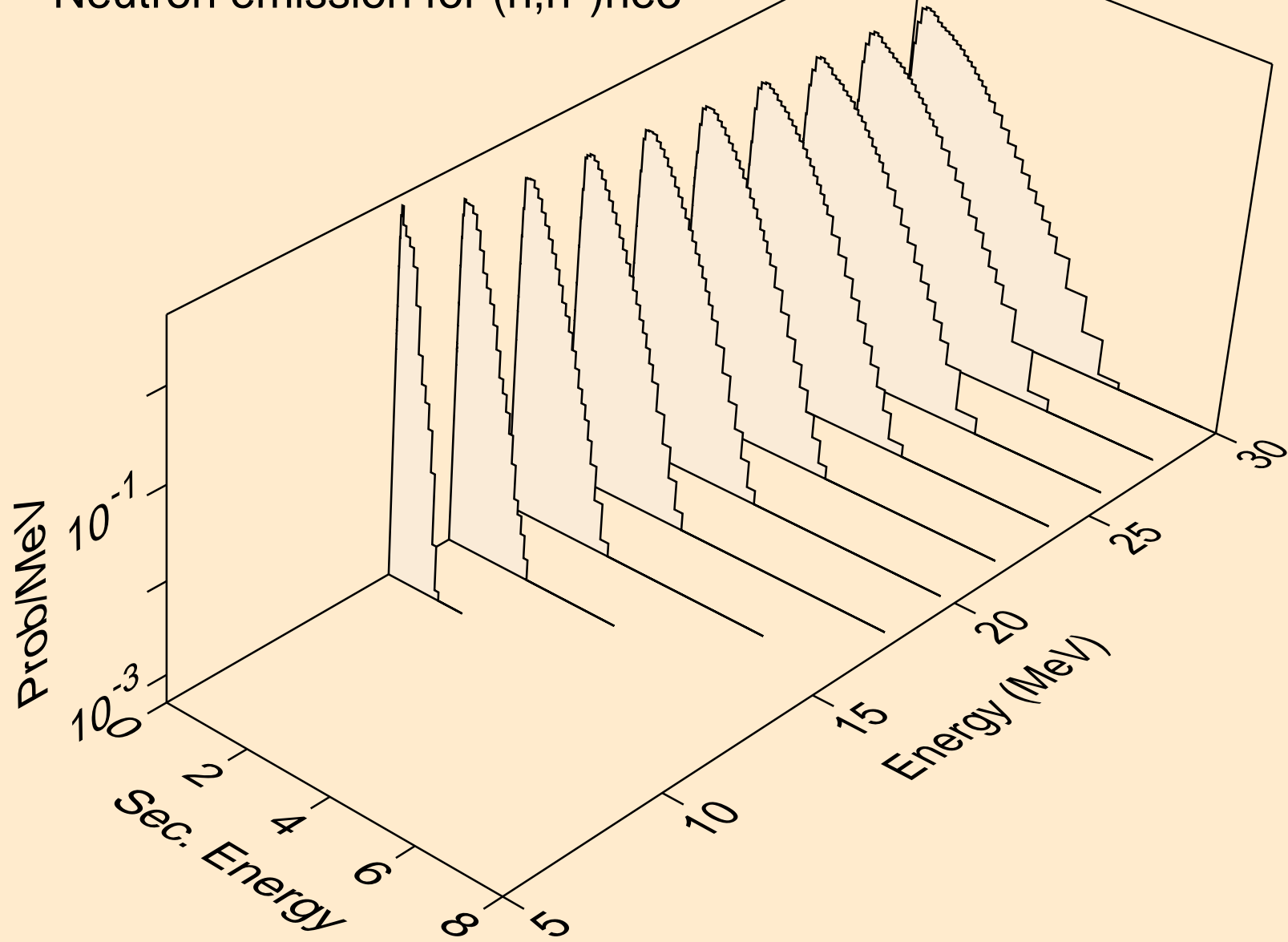
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



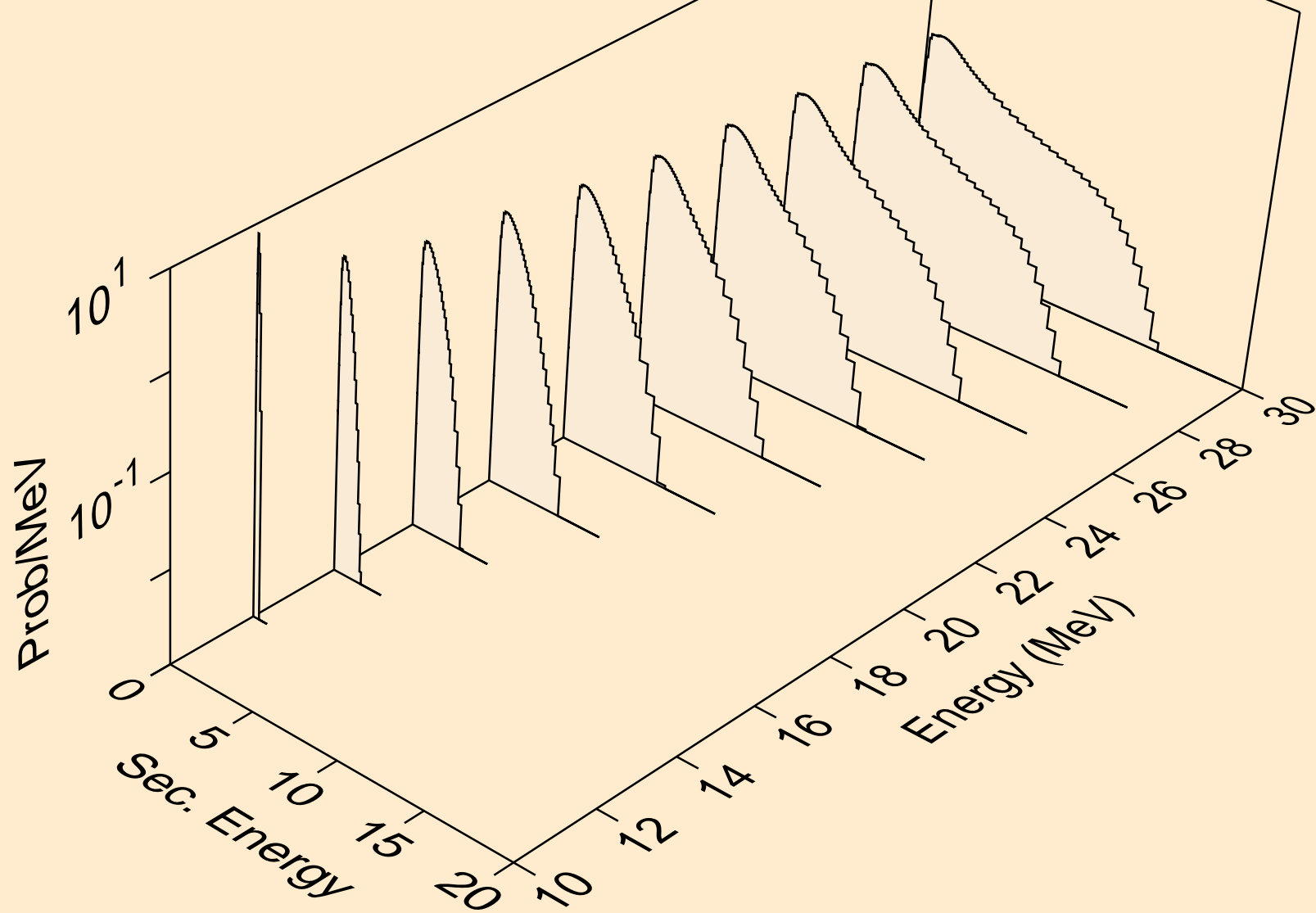
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



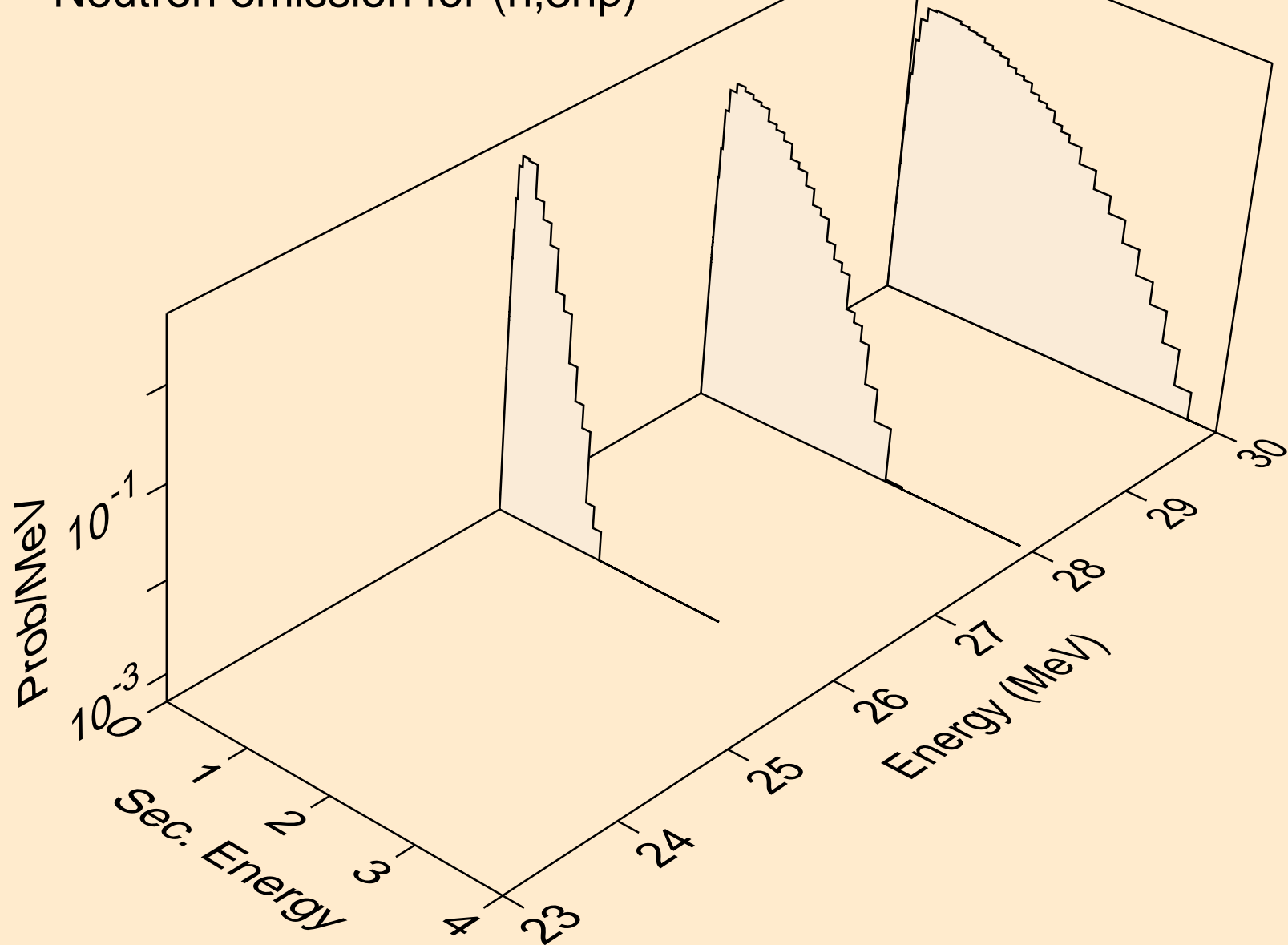
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



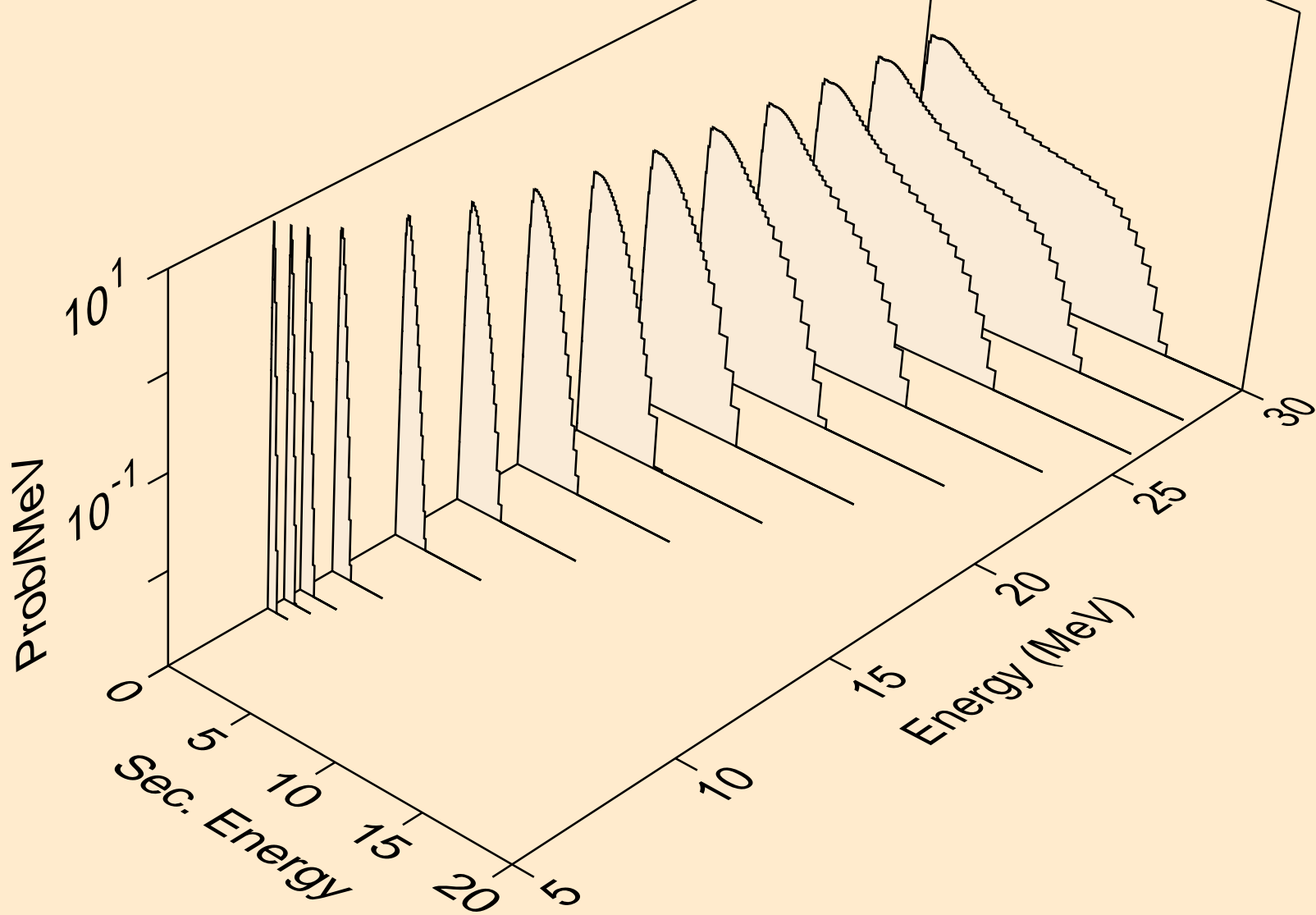
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



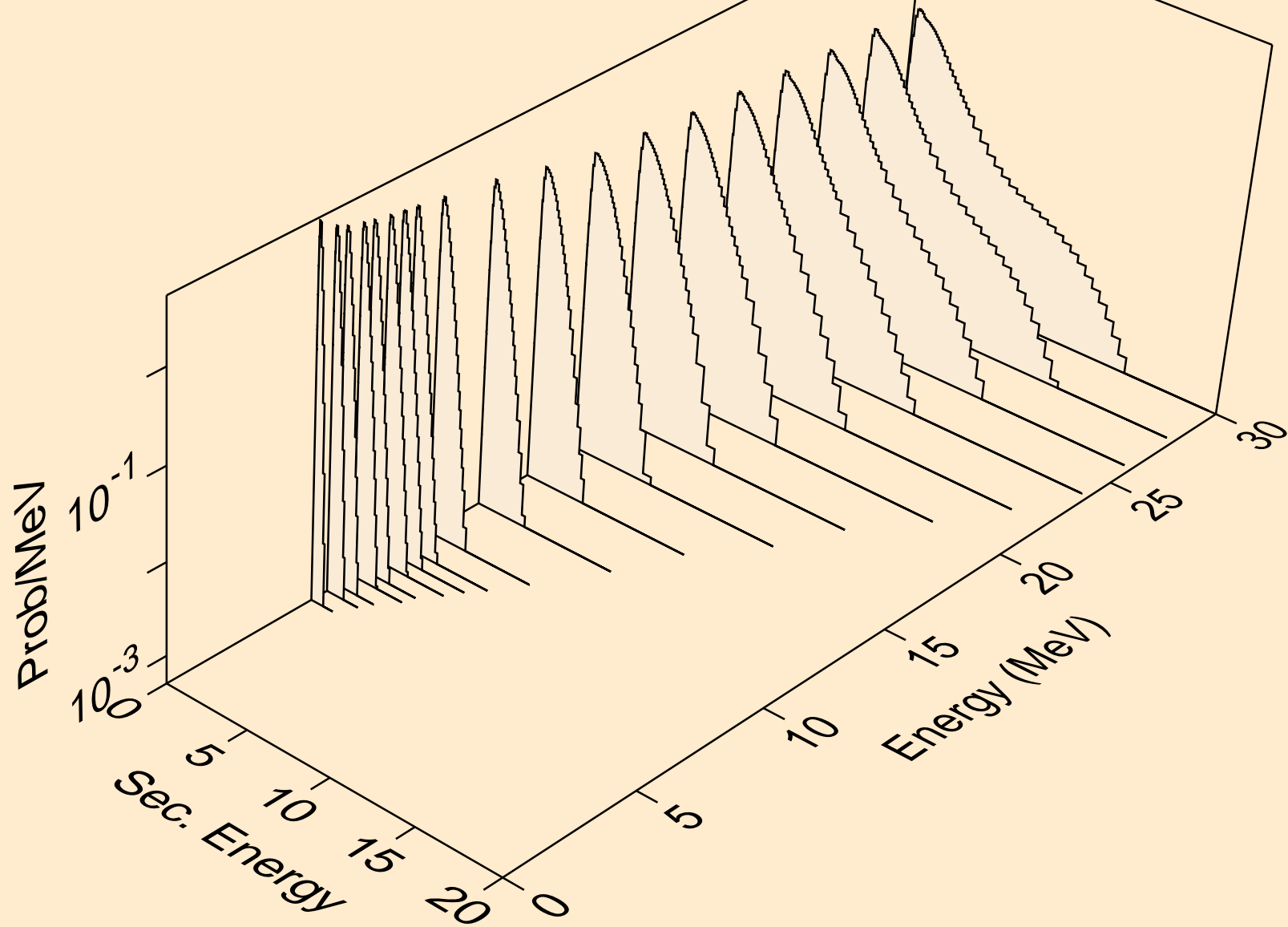
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

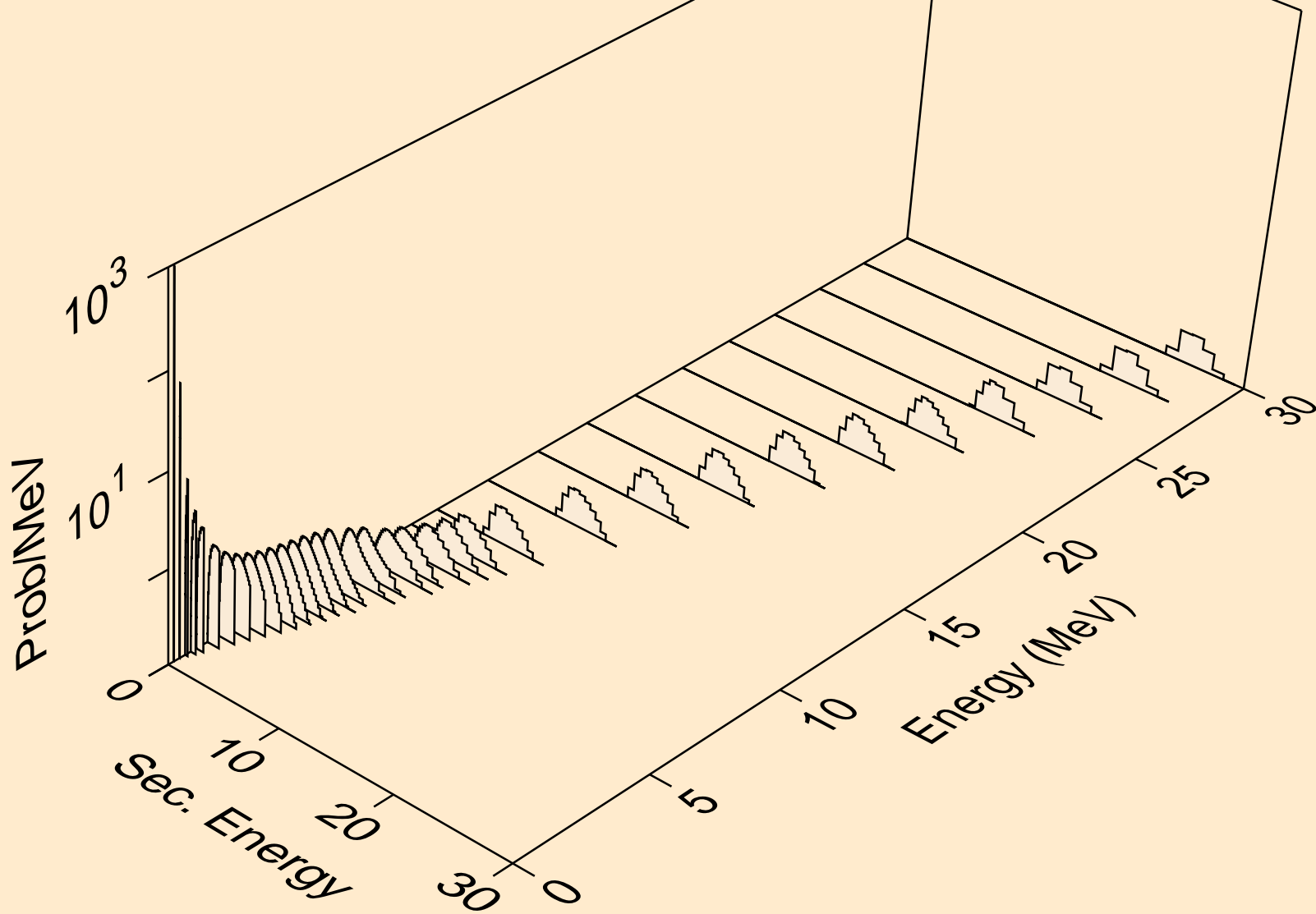


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

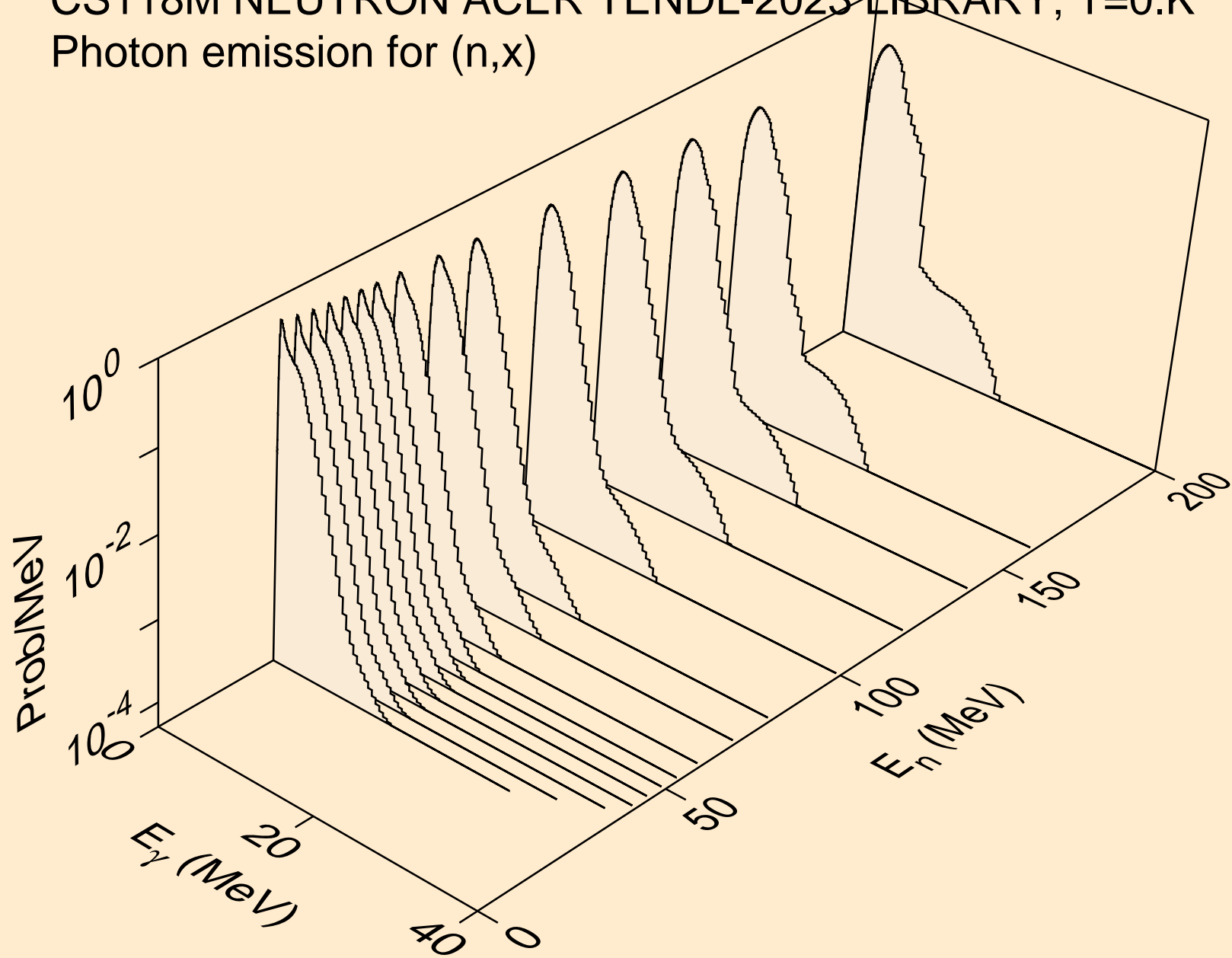




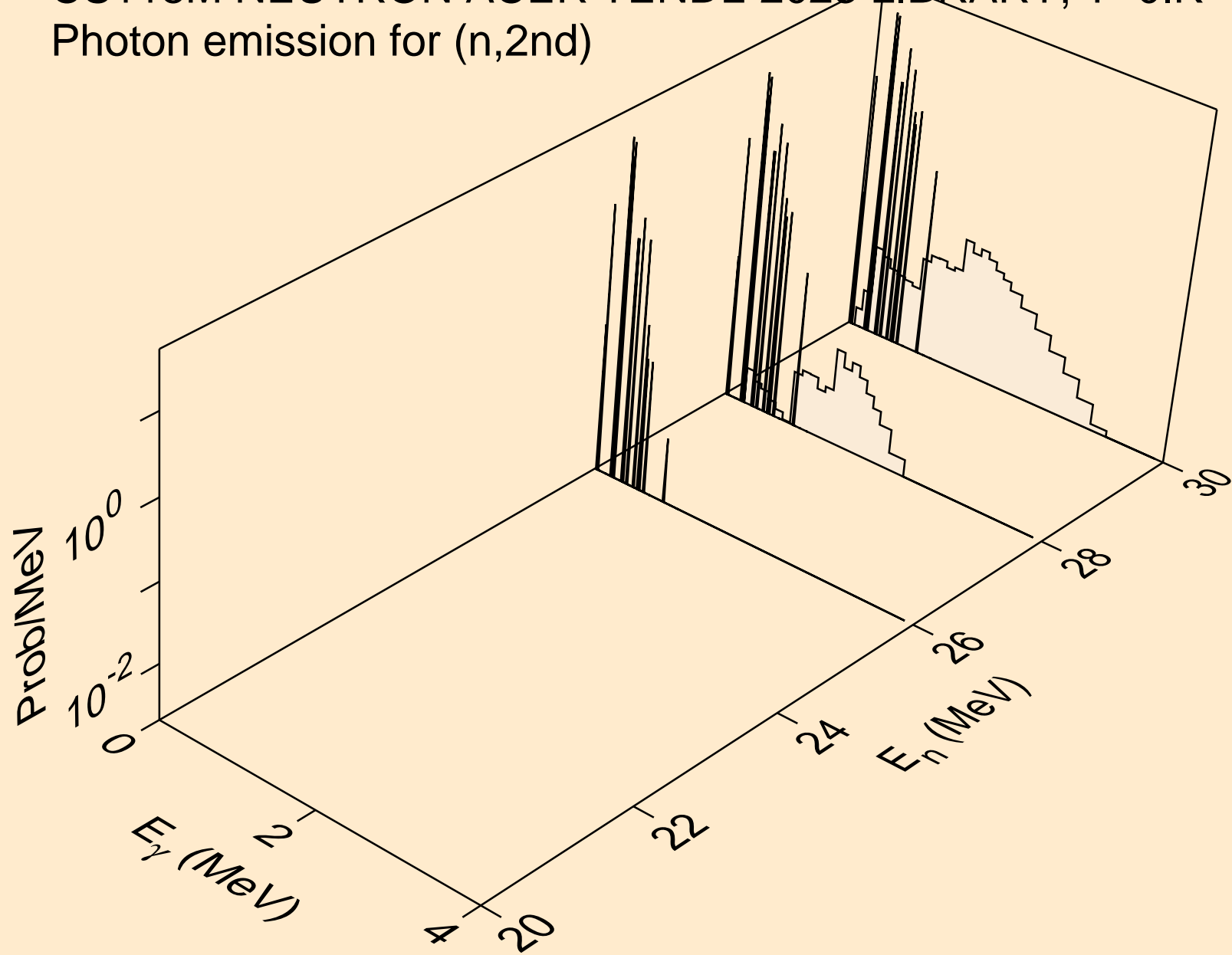
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



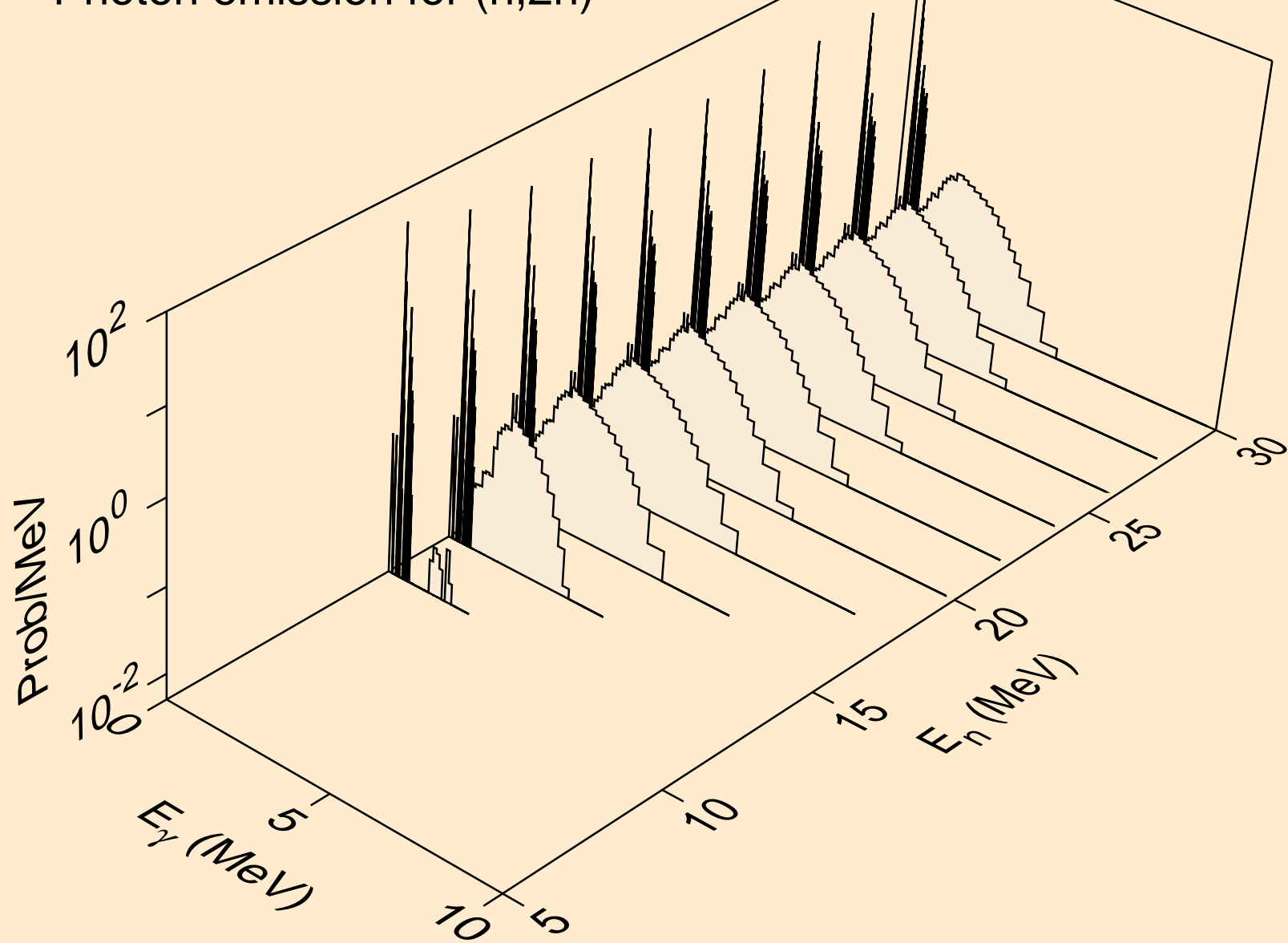
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



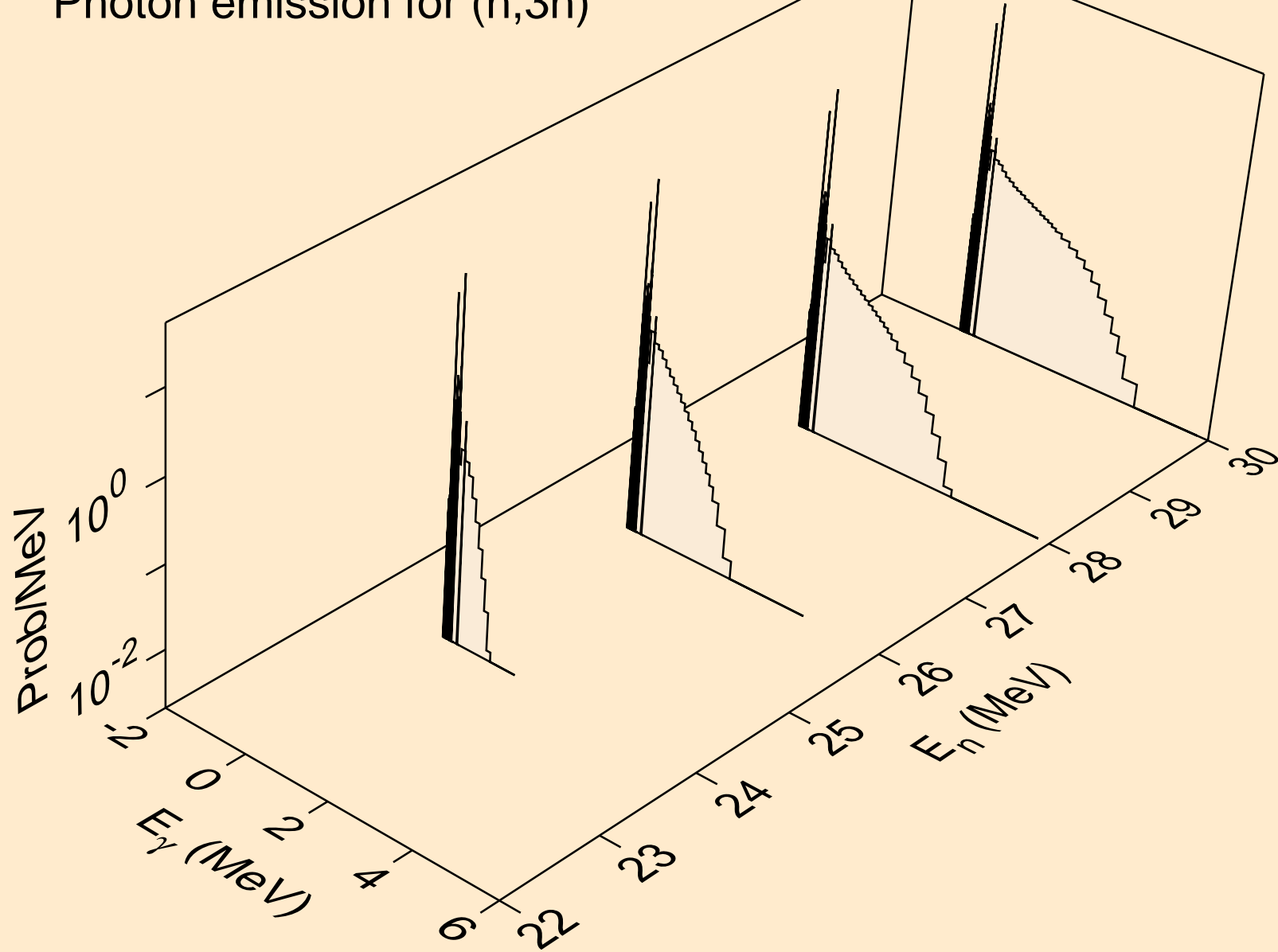
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Photon emission for (n,2nd)



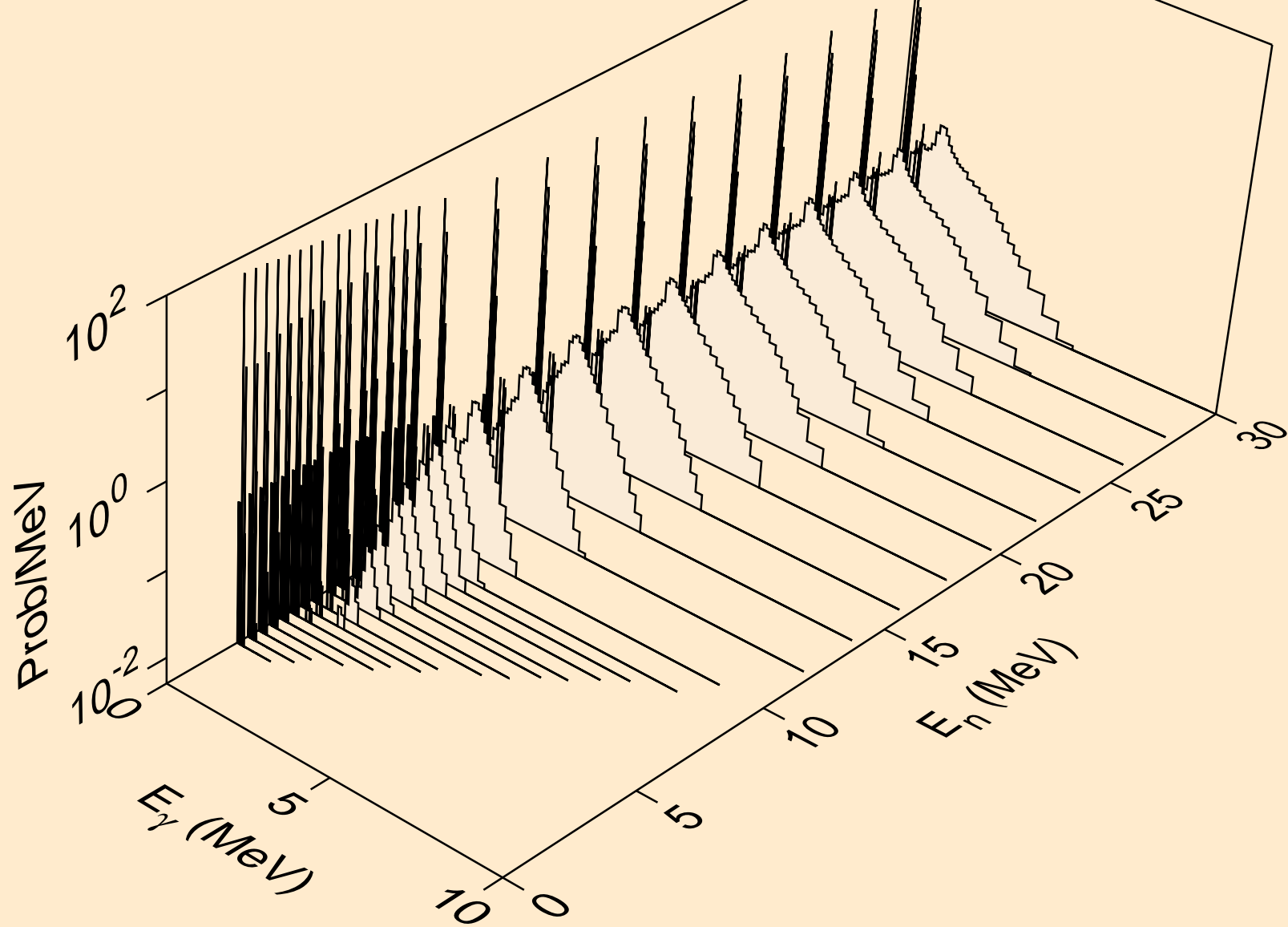
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Photon emission for (n,2n)



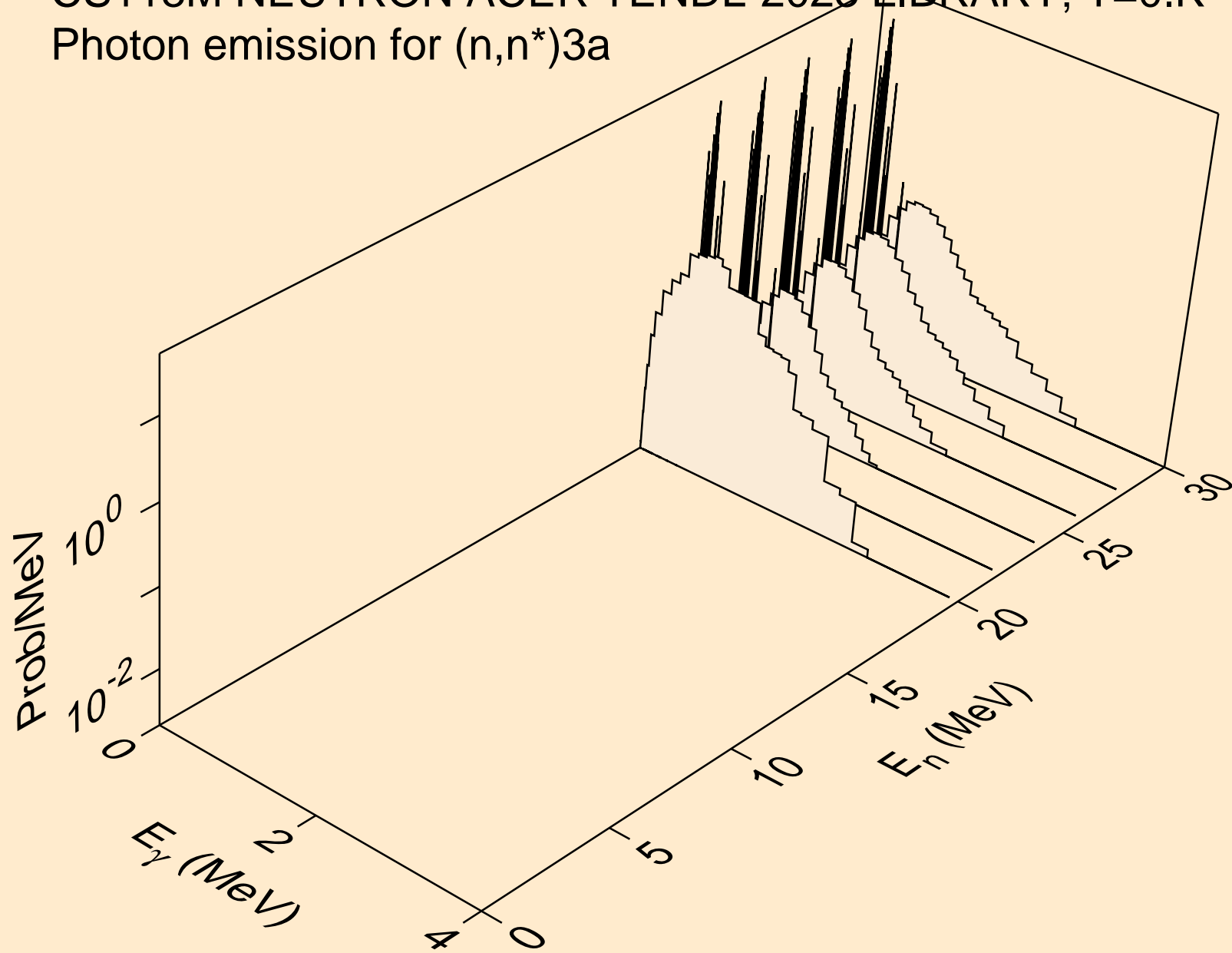
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Photon emission for (n,3n)



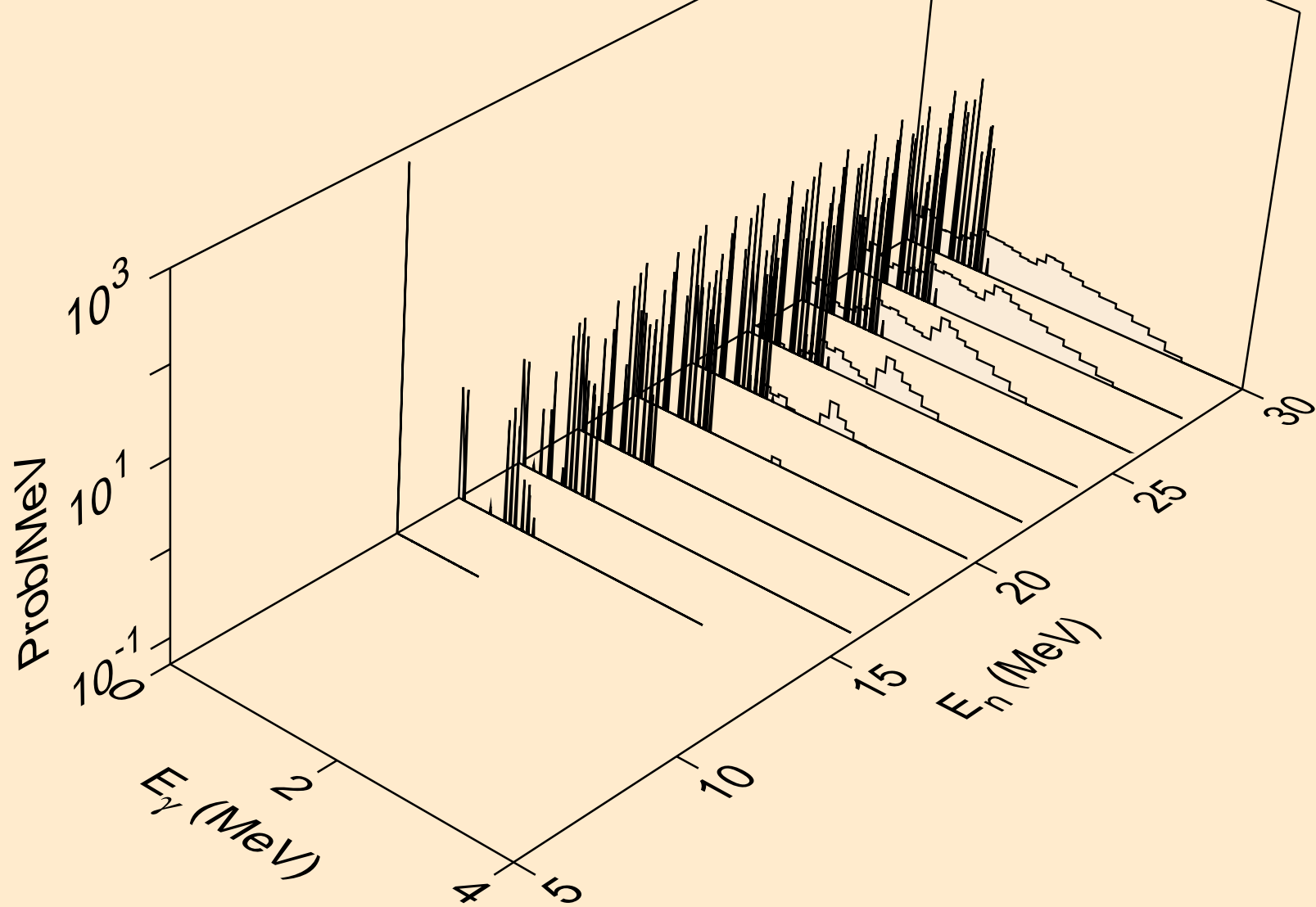
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a

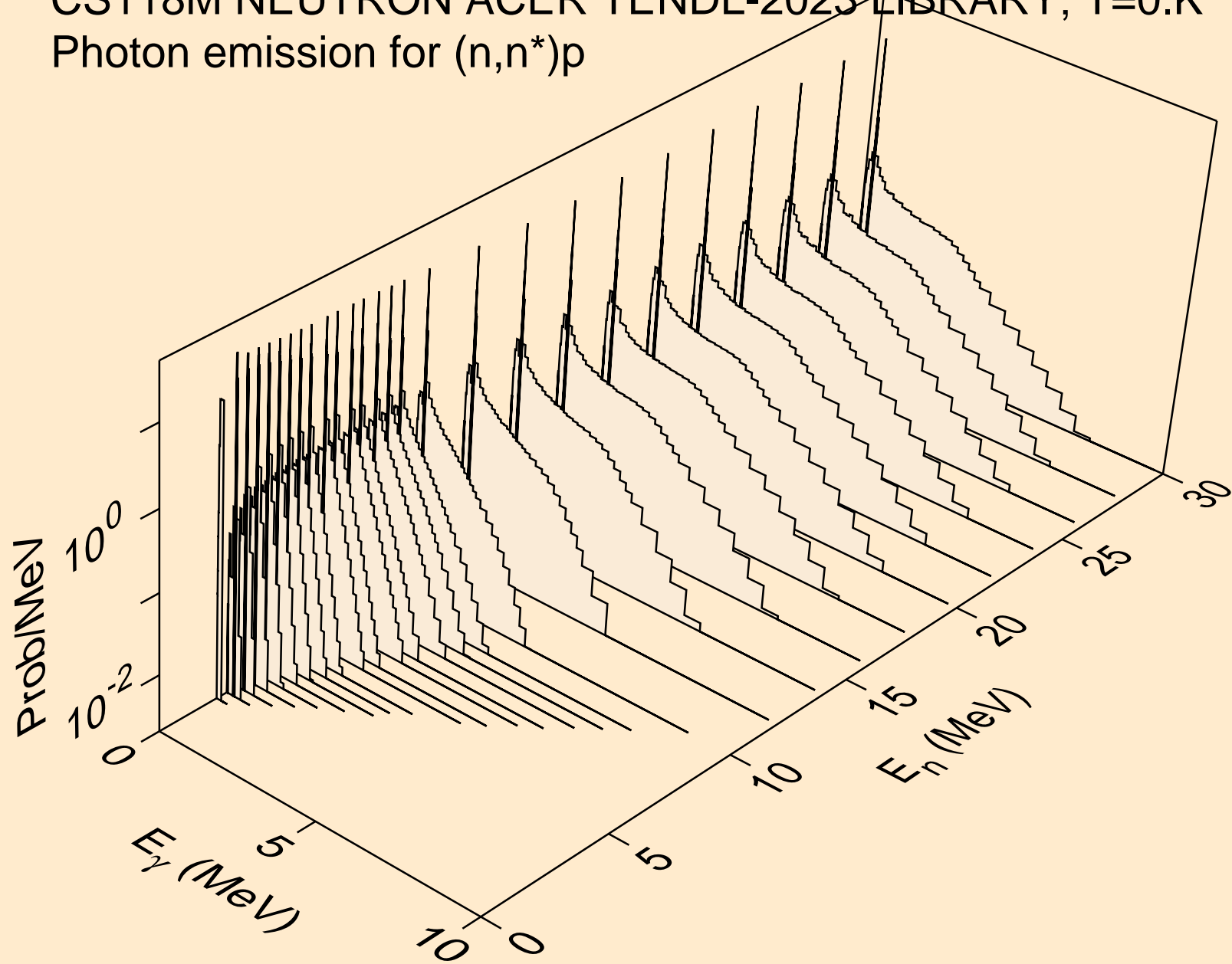


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

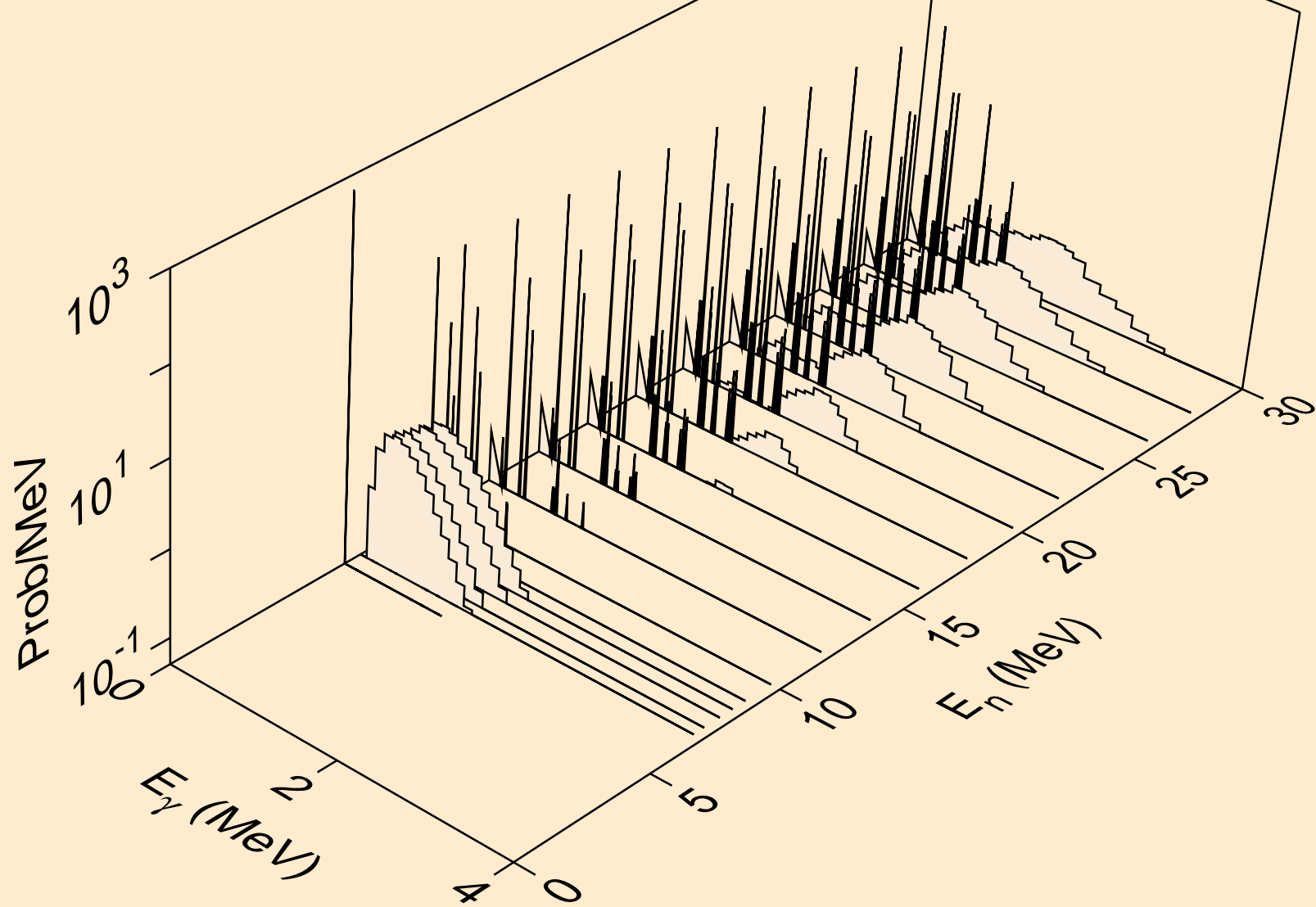




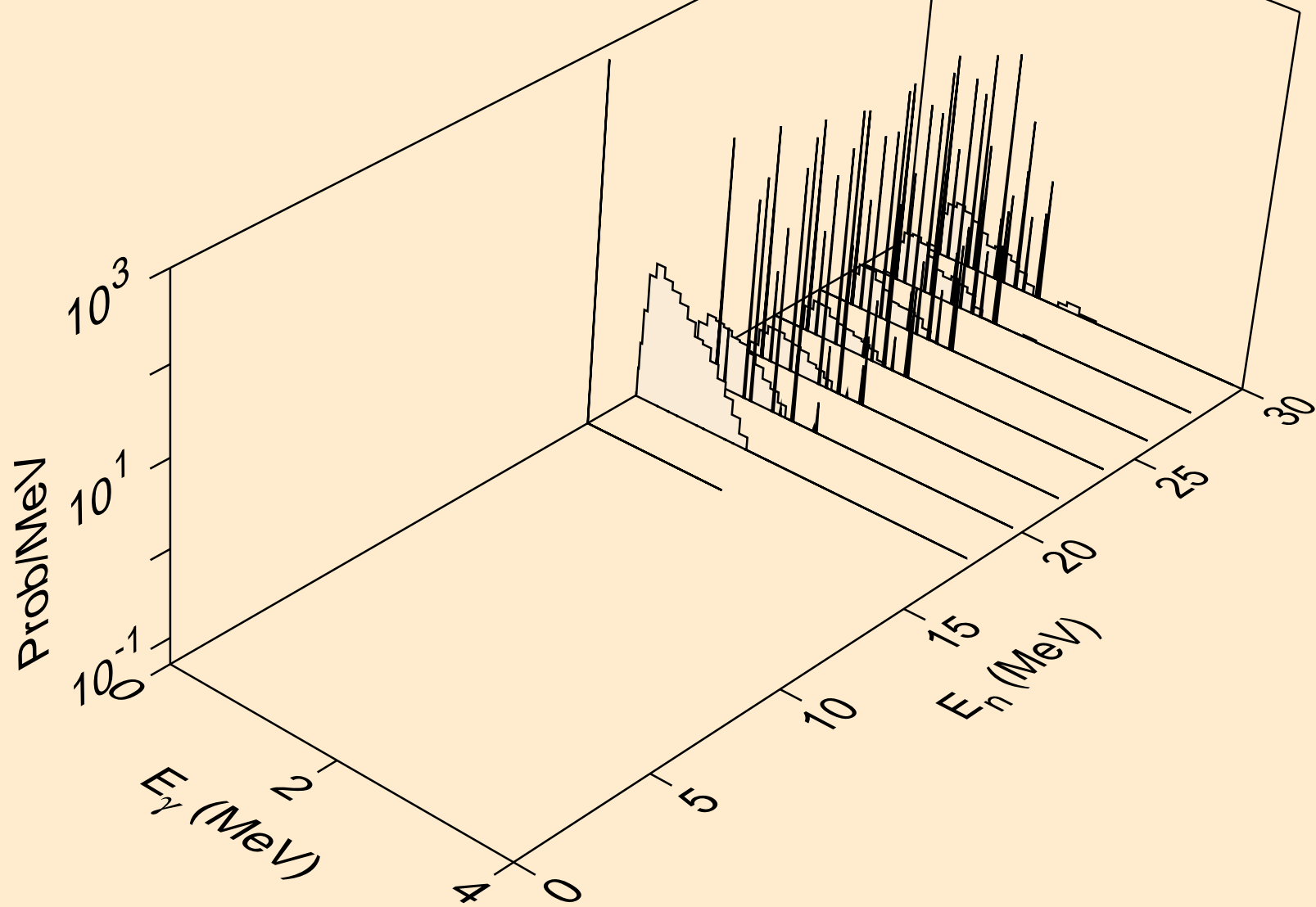
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



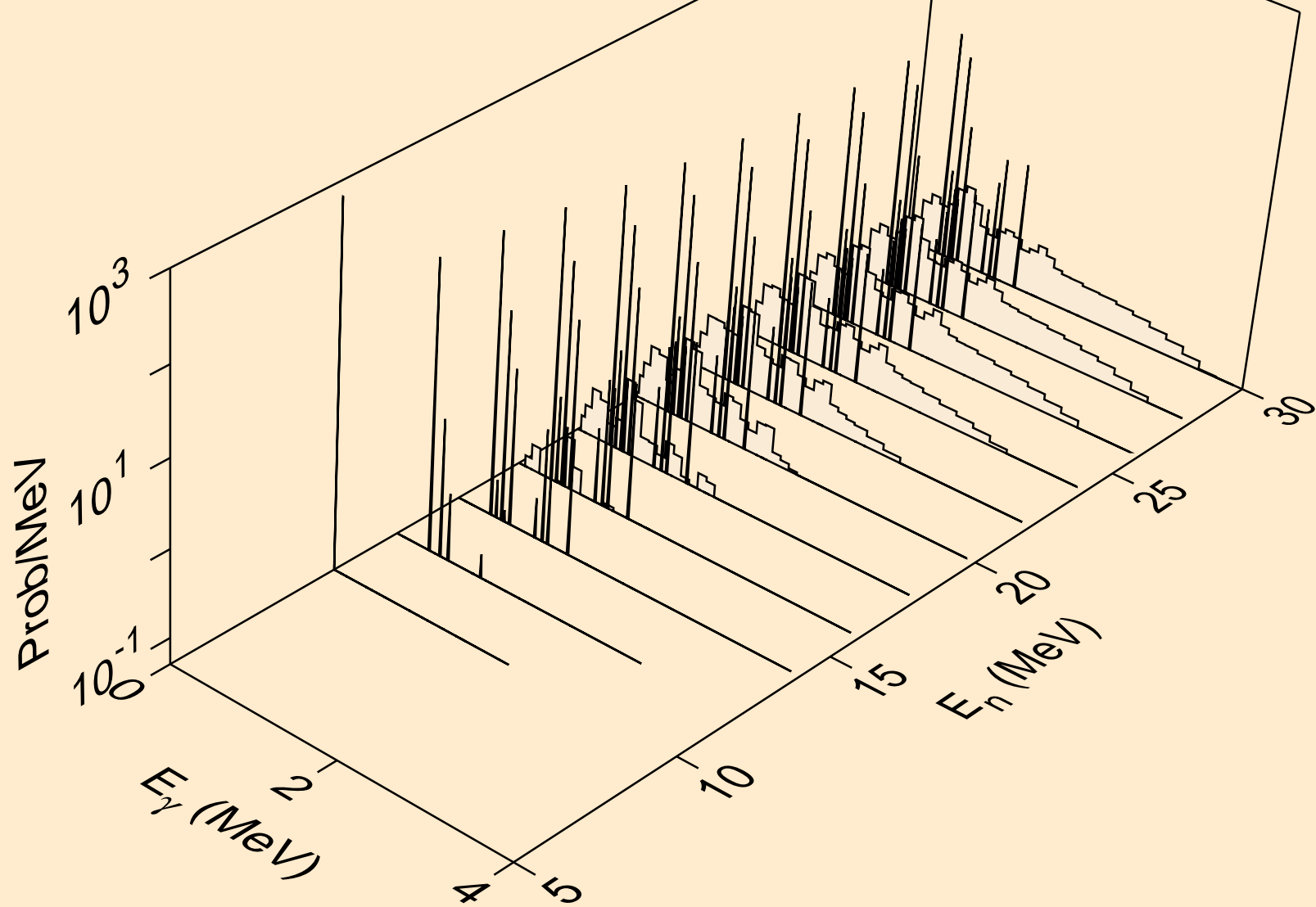
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



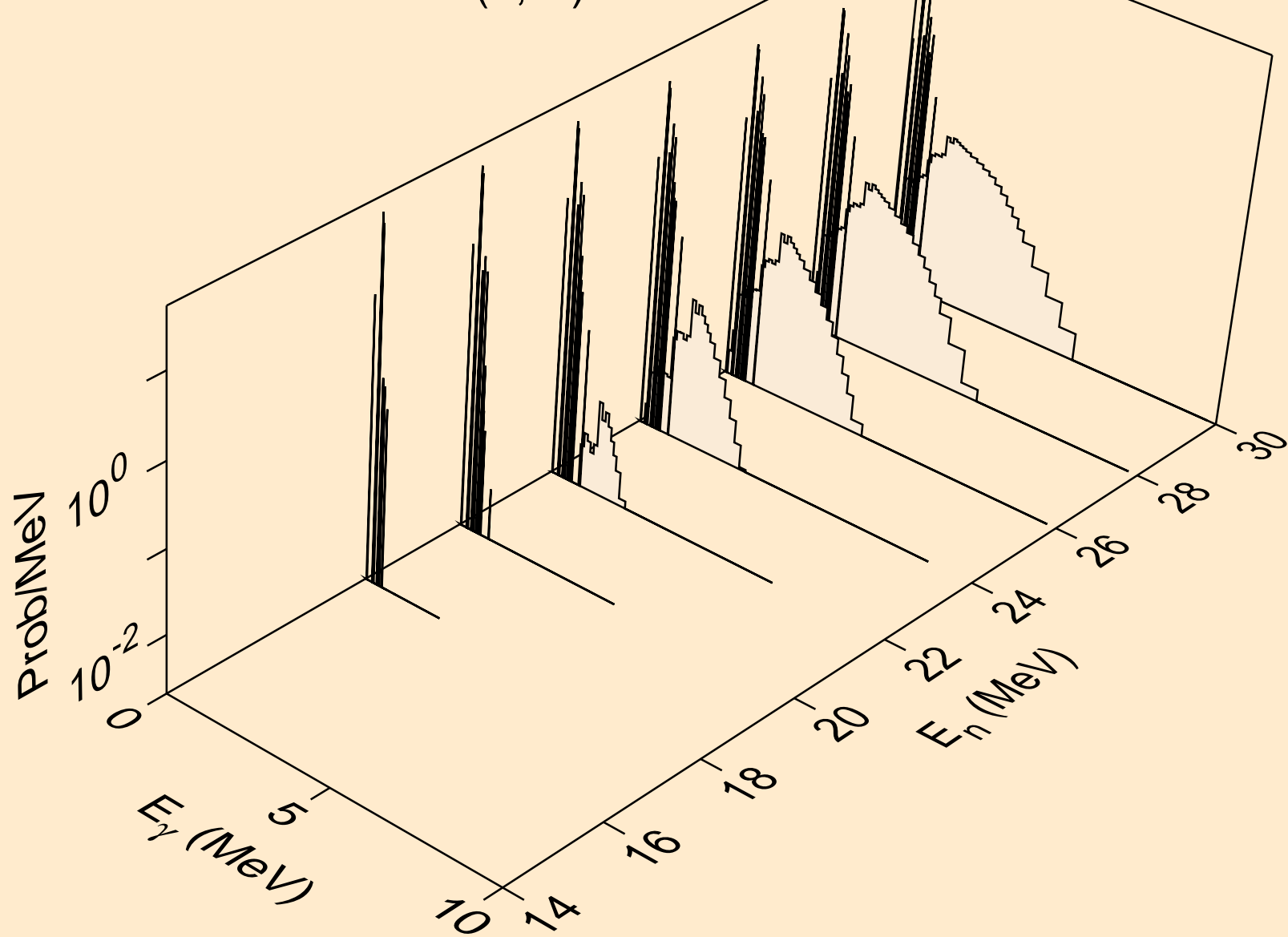
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



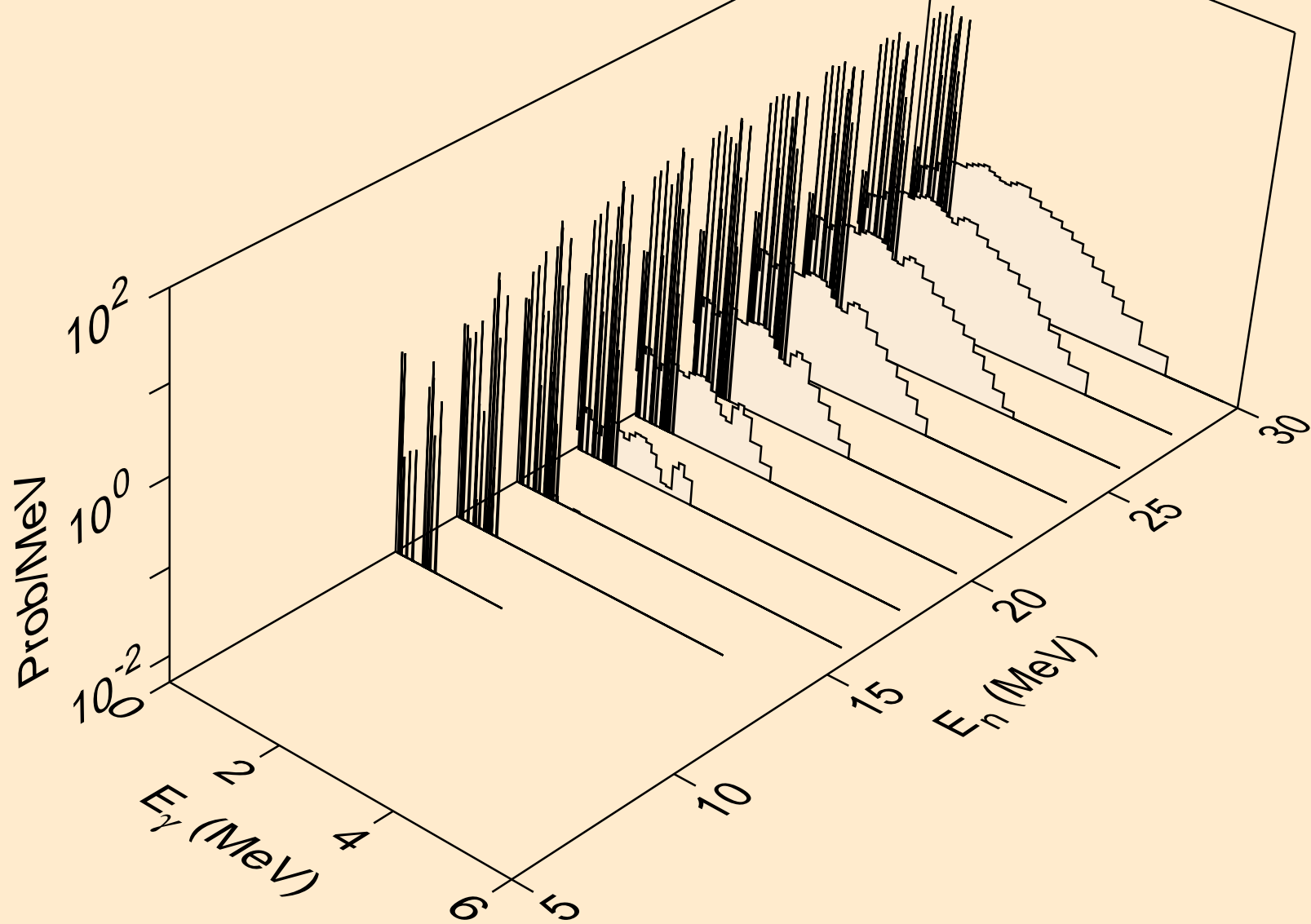
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



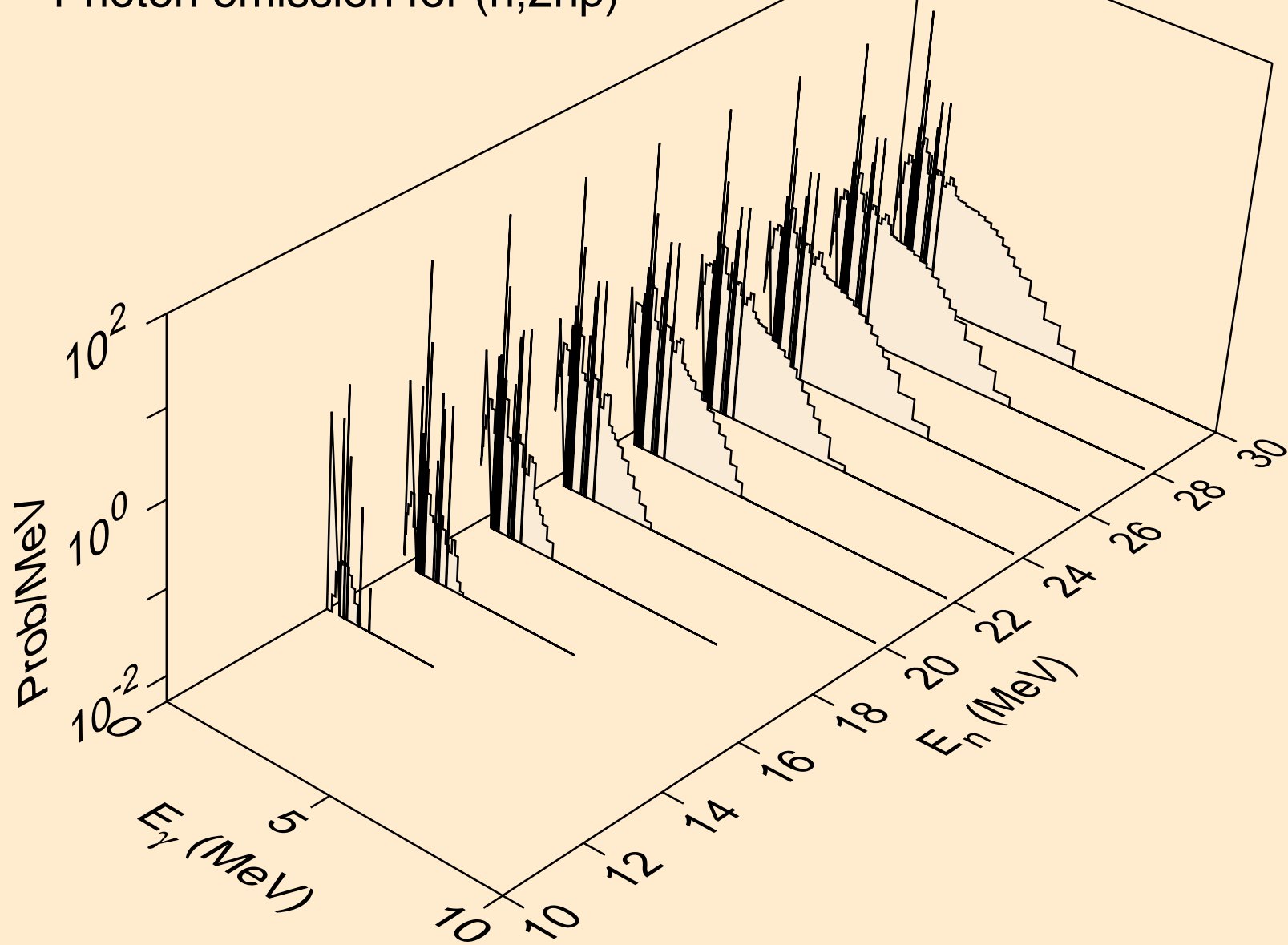
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



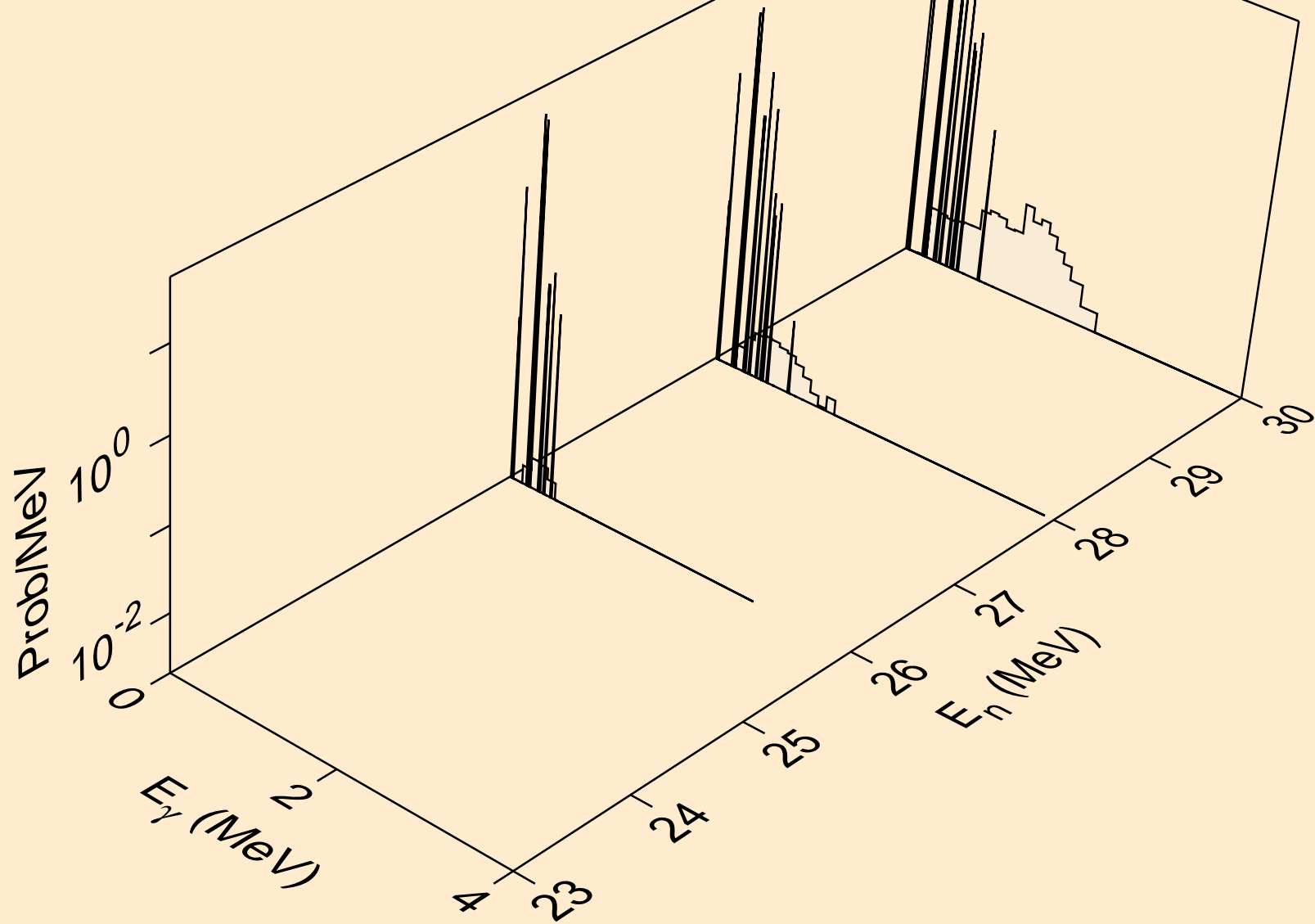
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

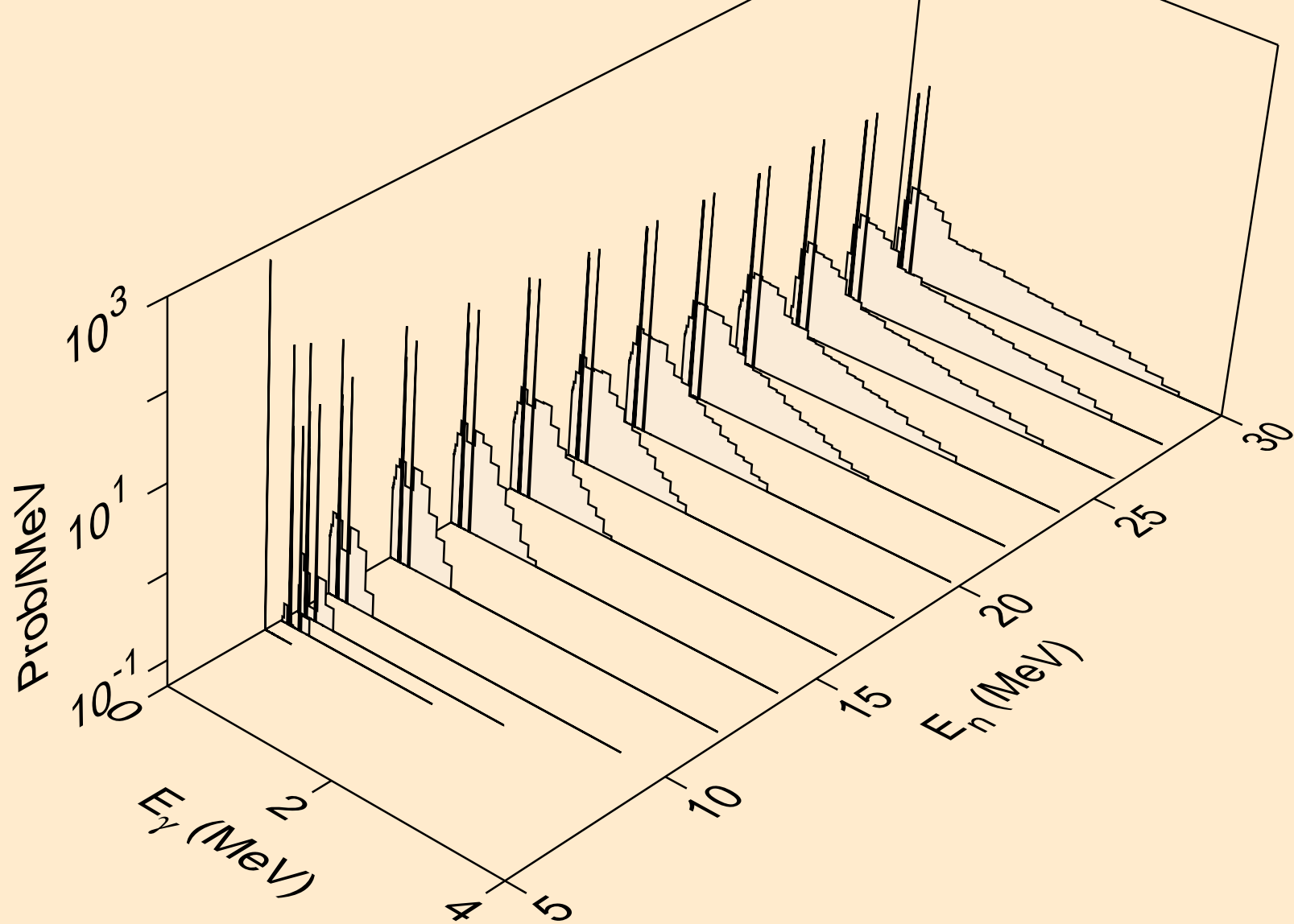


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

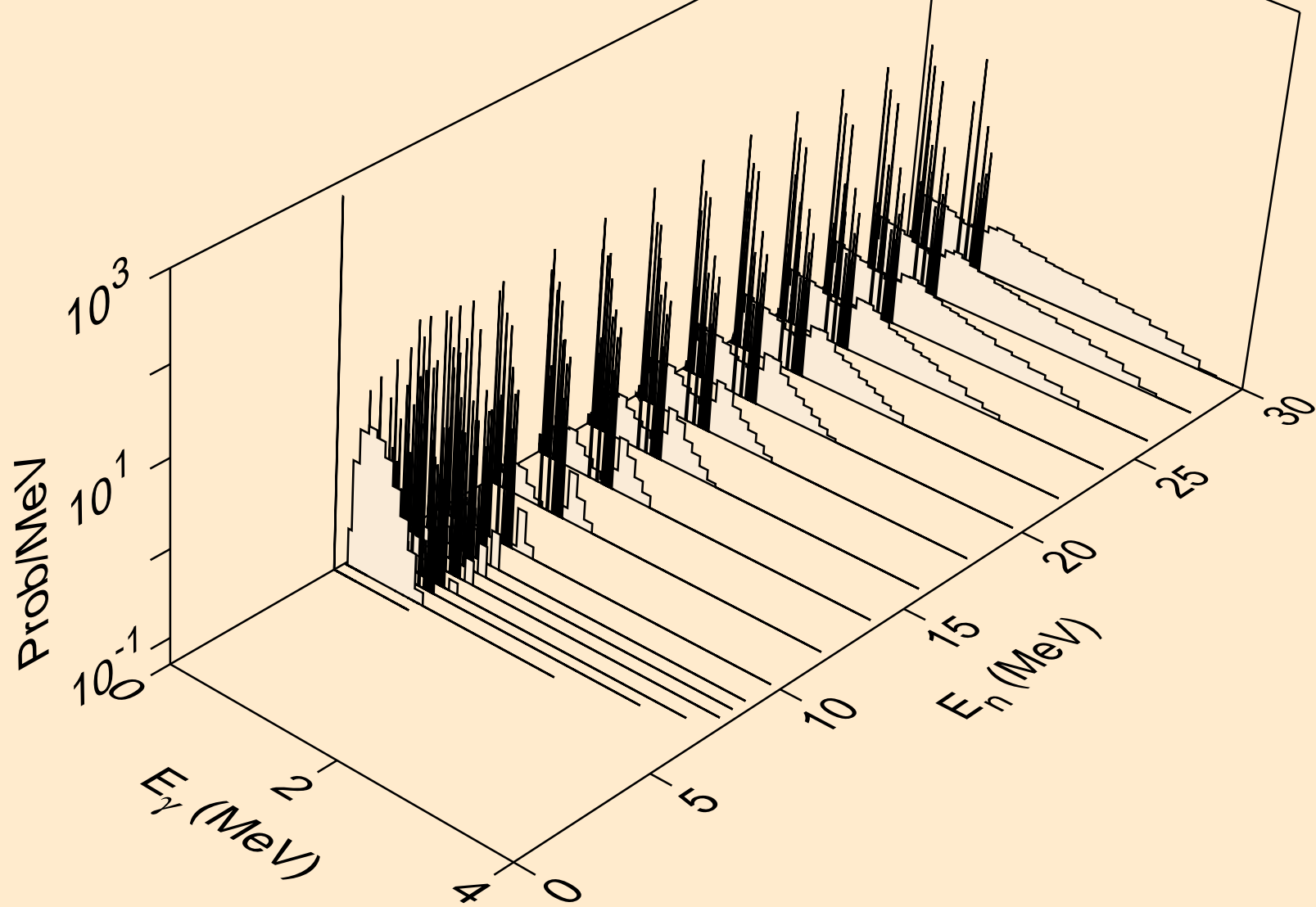




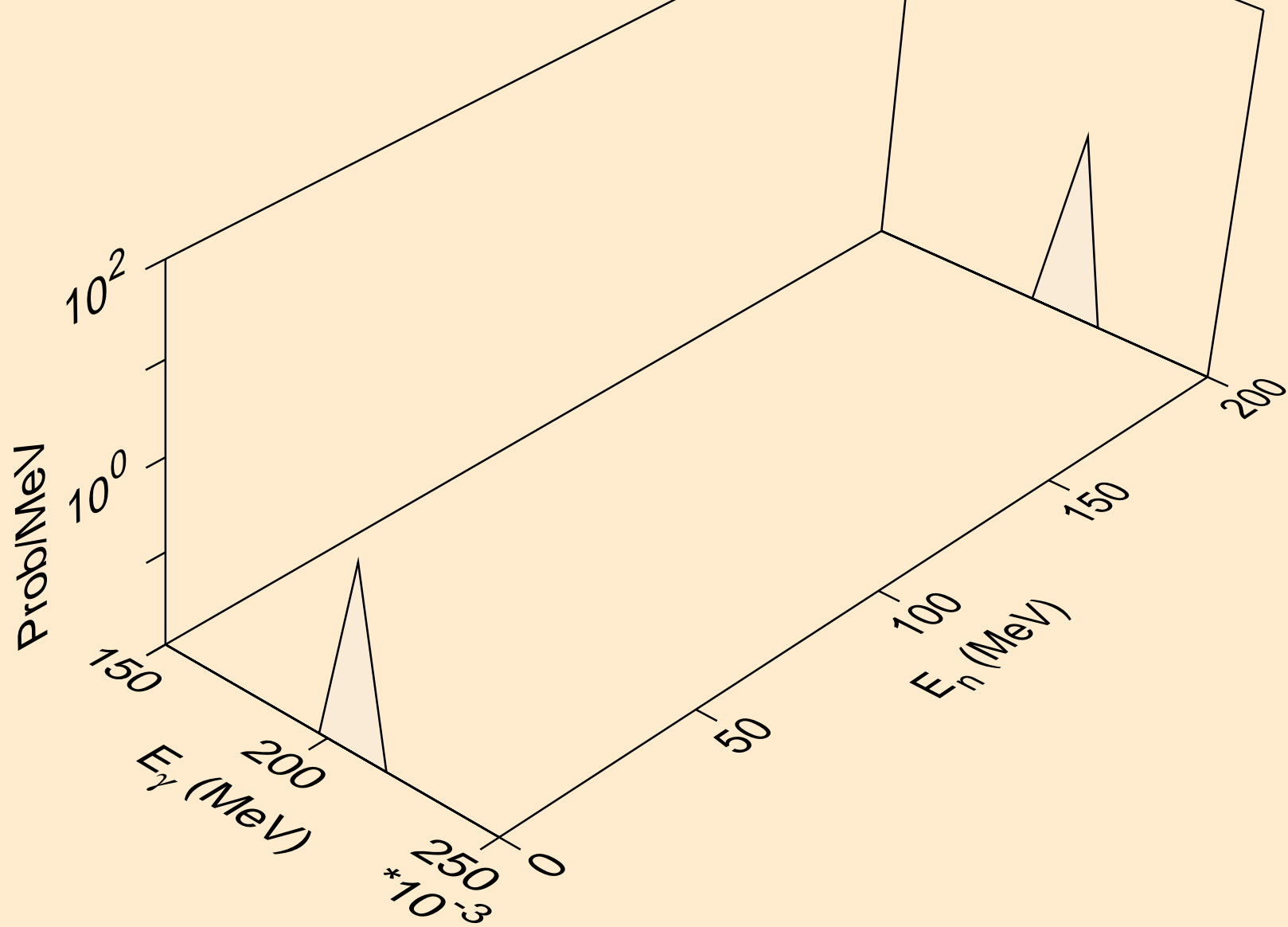
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



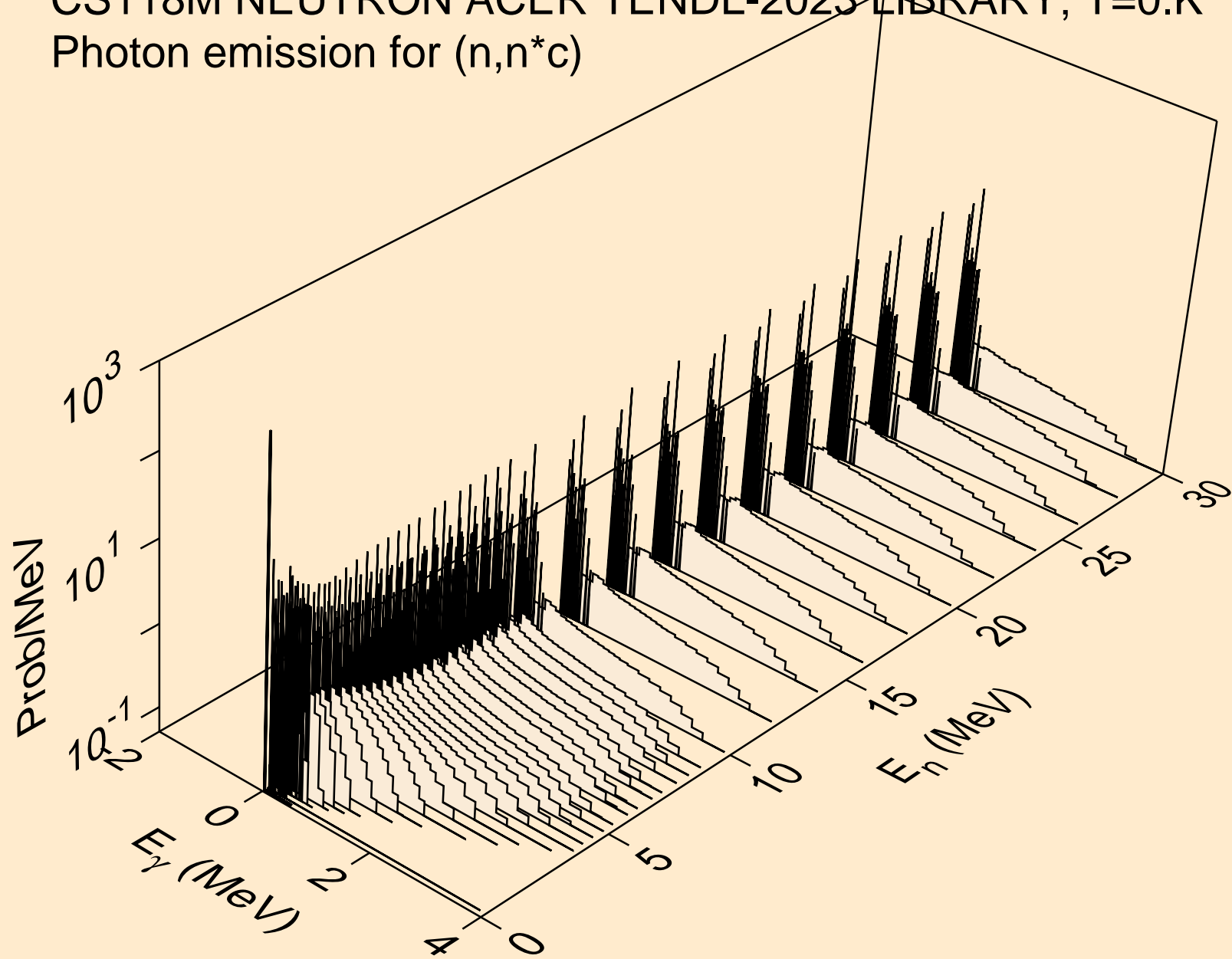
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



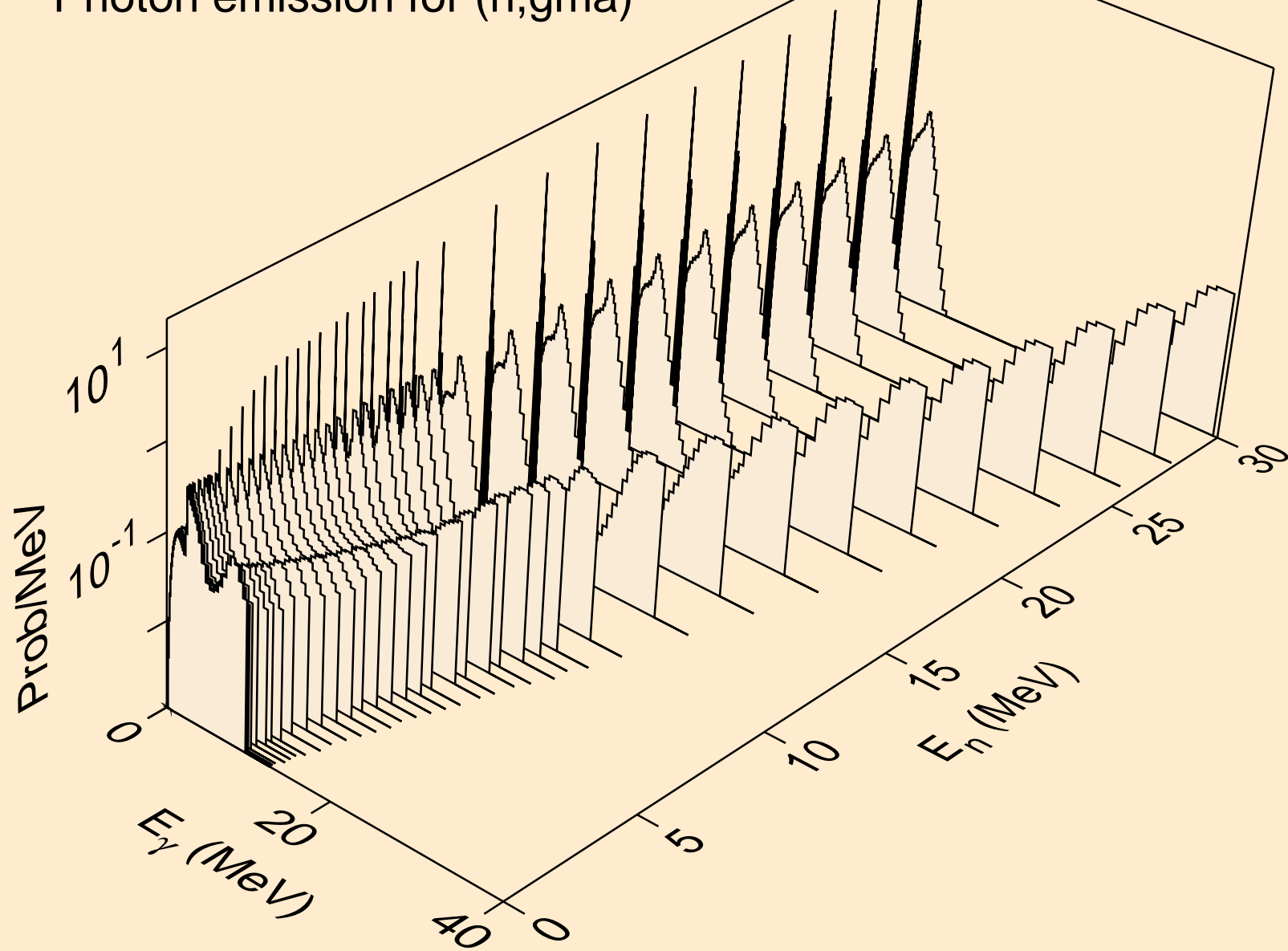
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Photon emission for (n,n\*2)



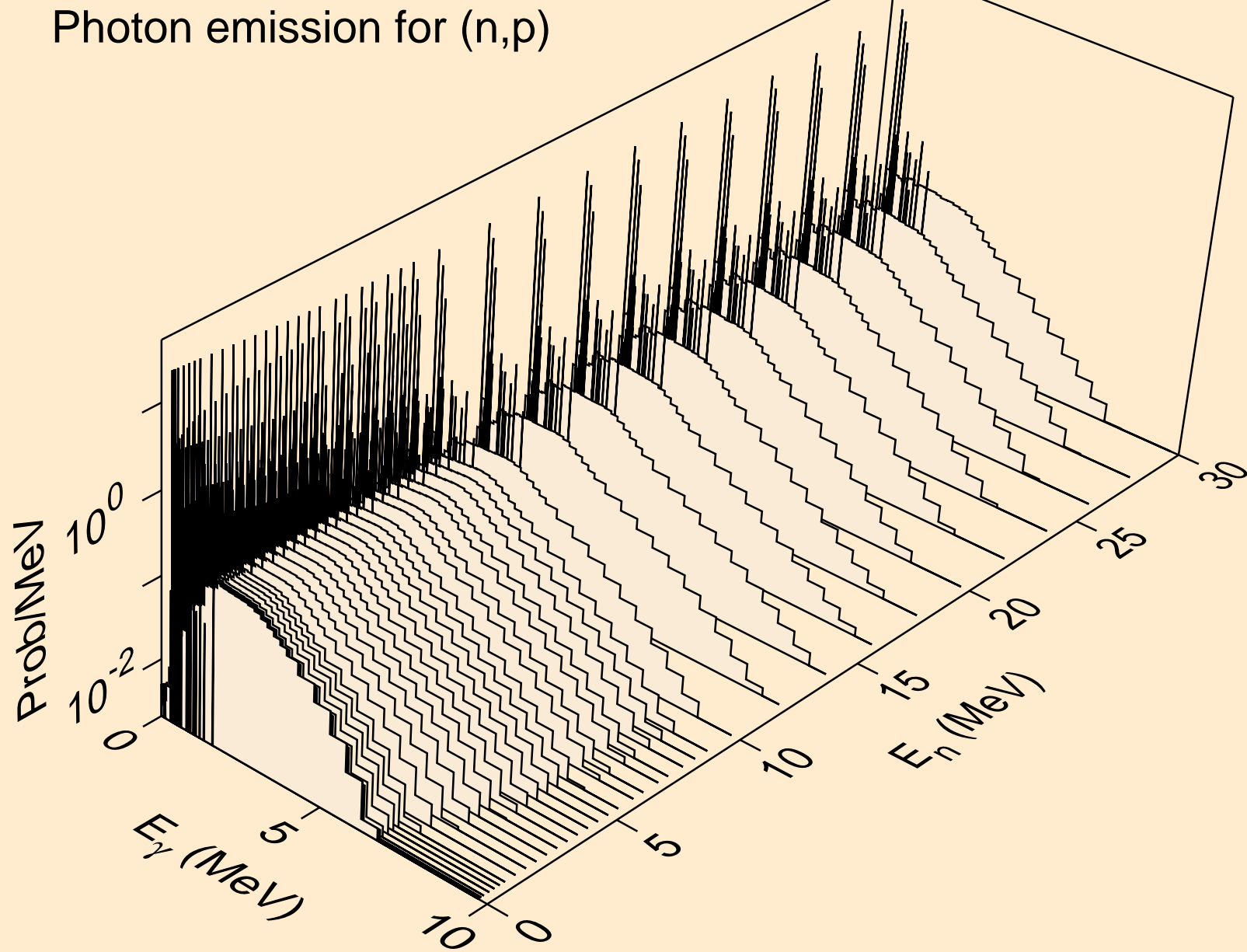
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



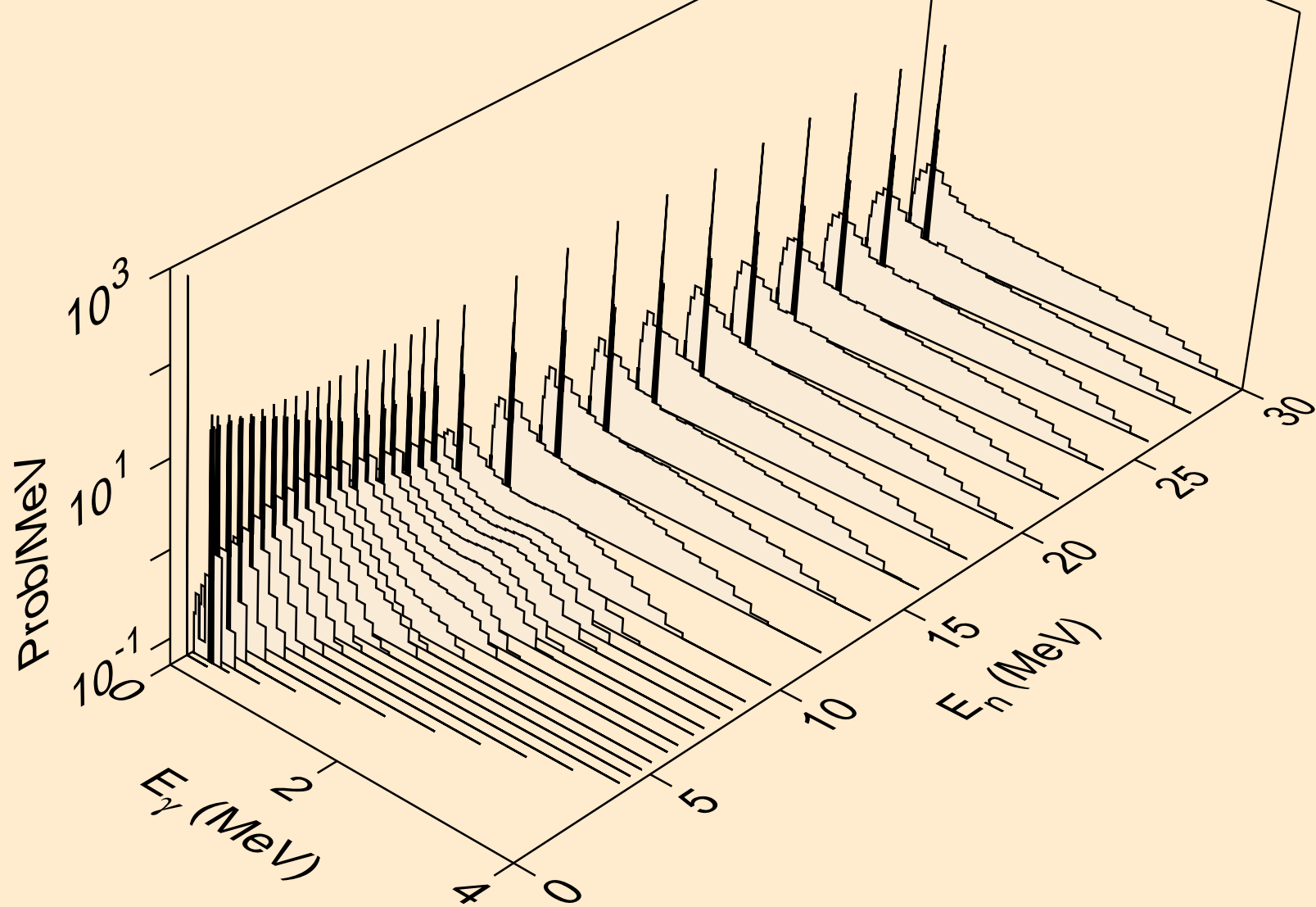
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



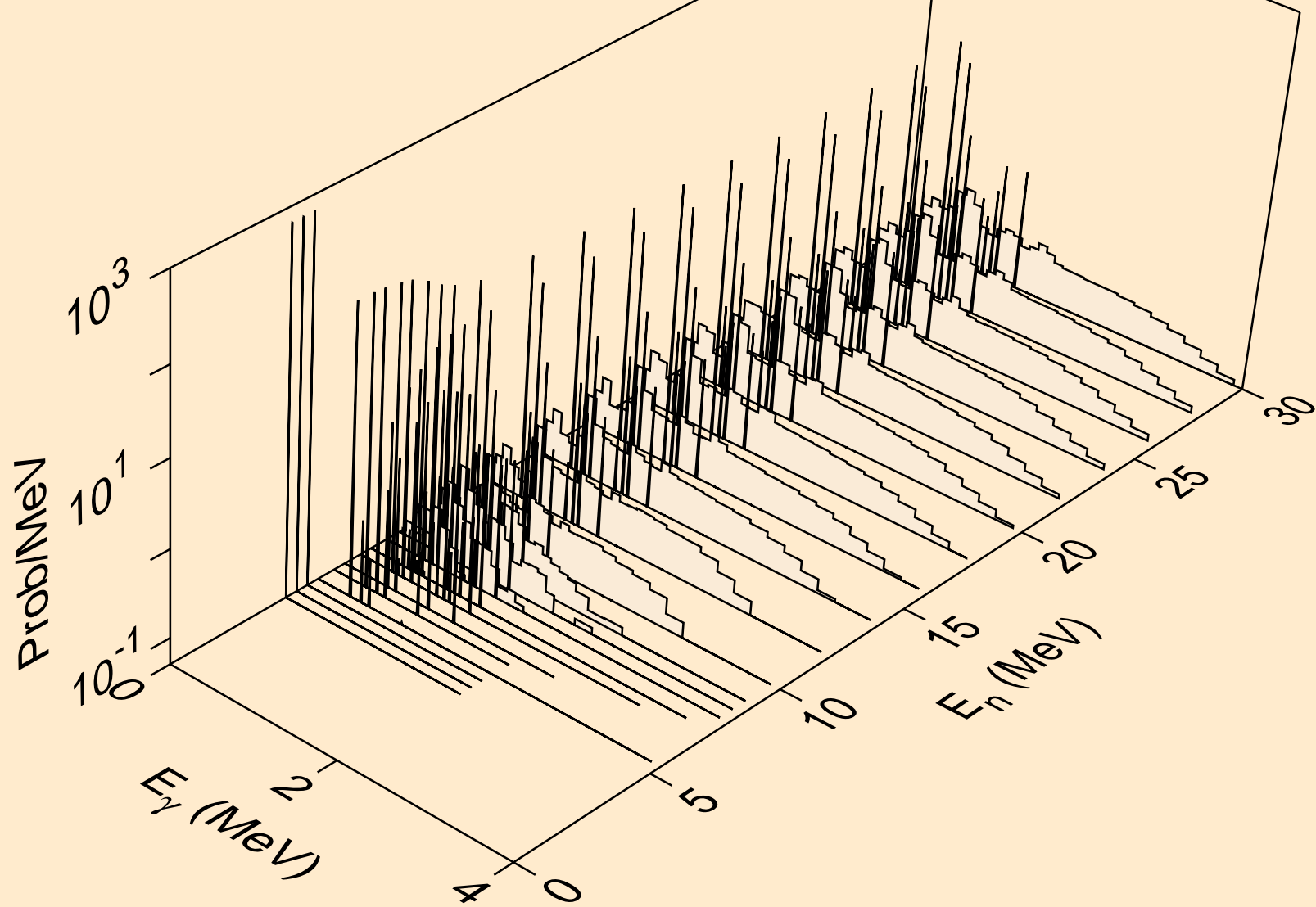
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

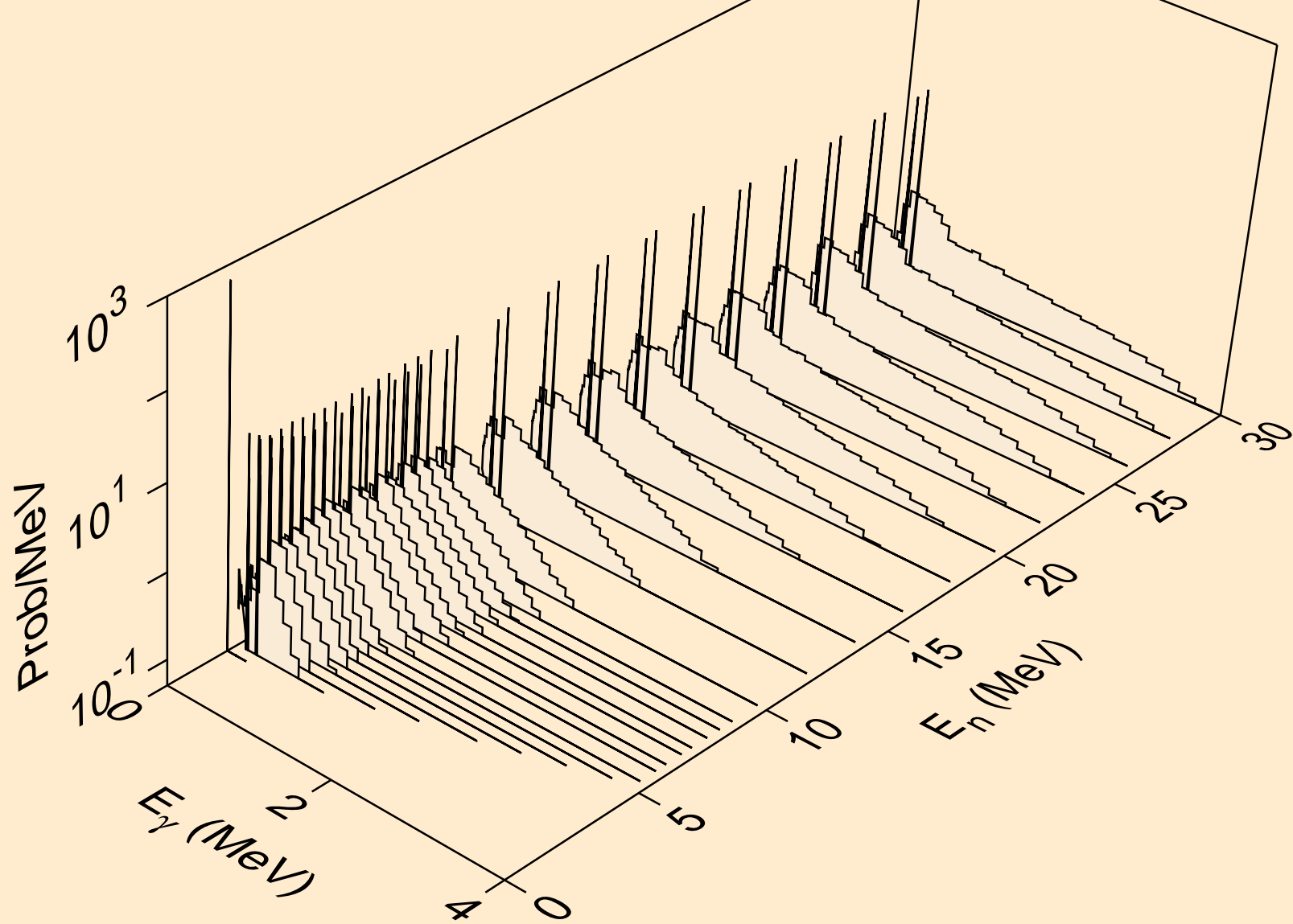


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

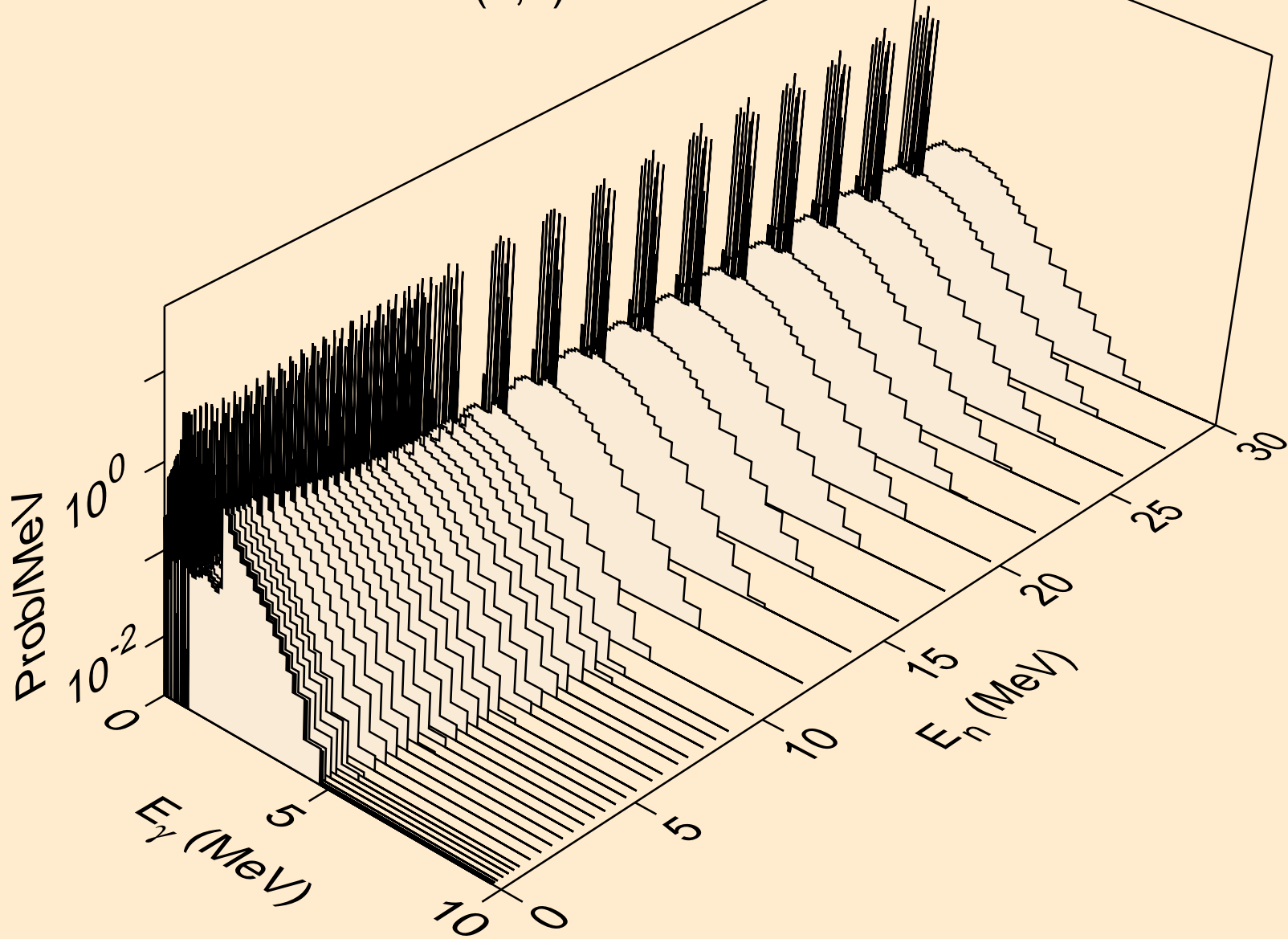




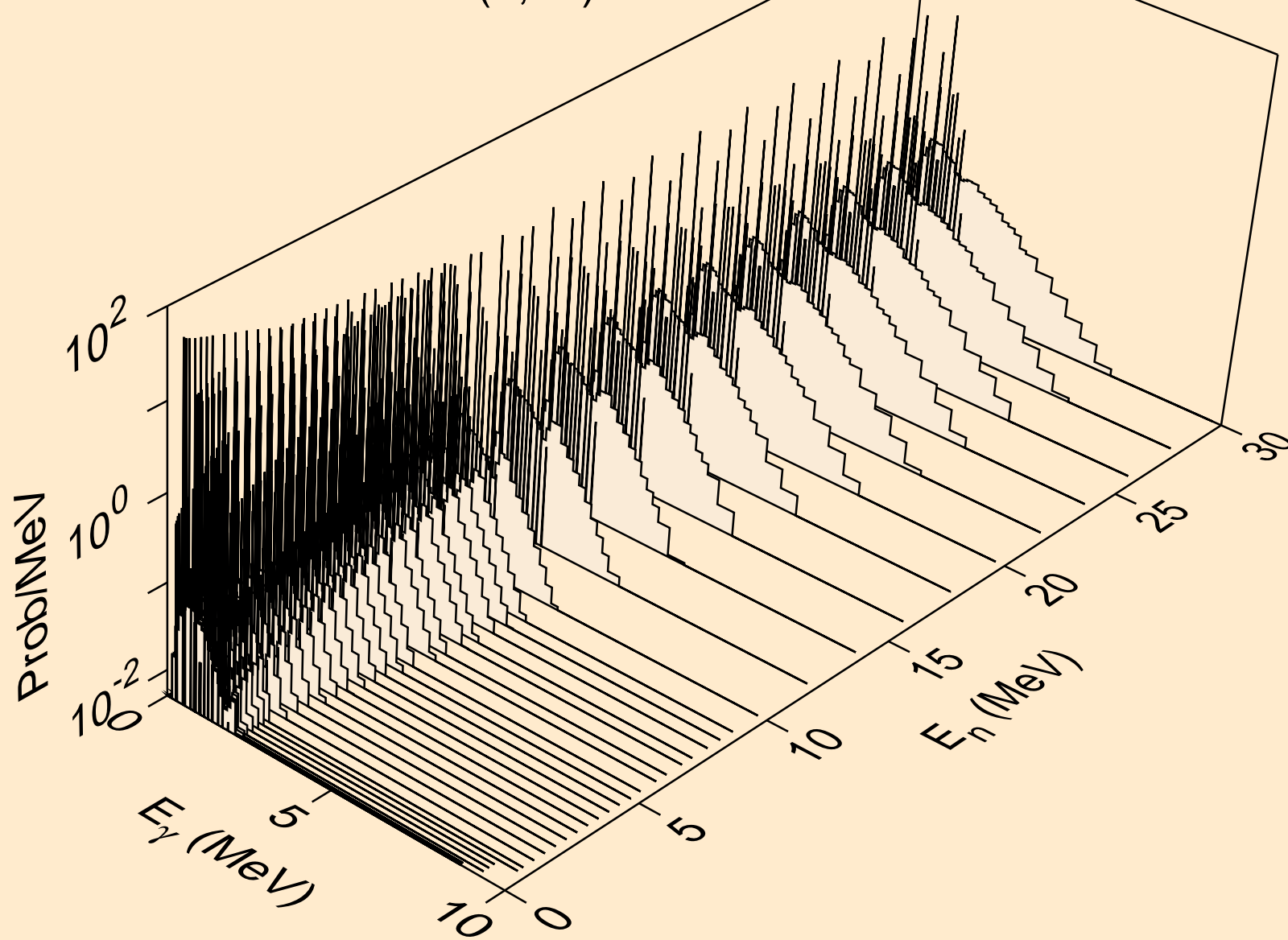
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Photon emission for (n,he3)



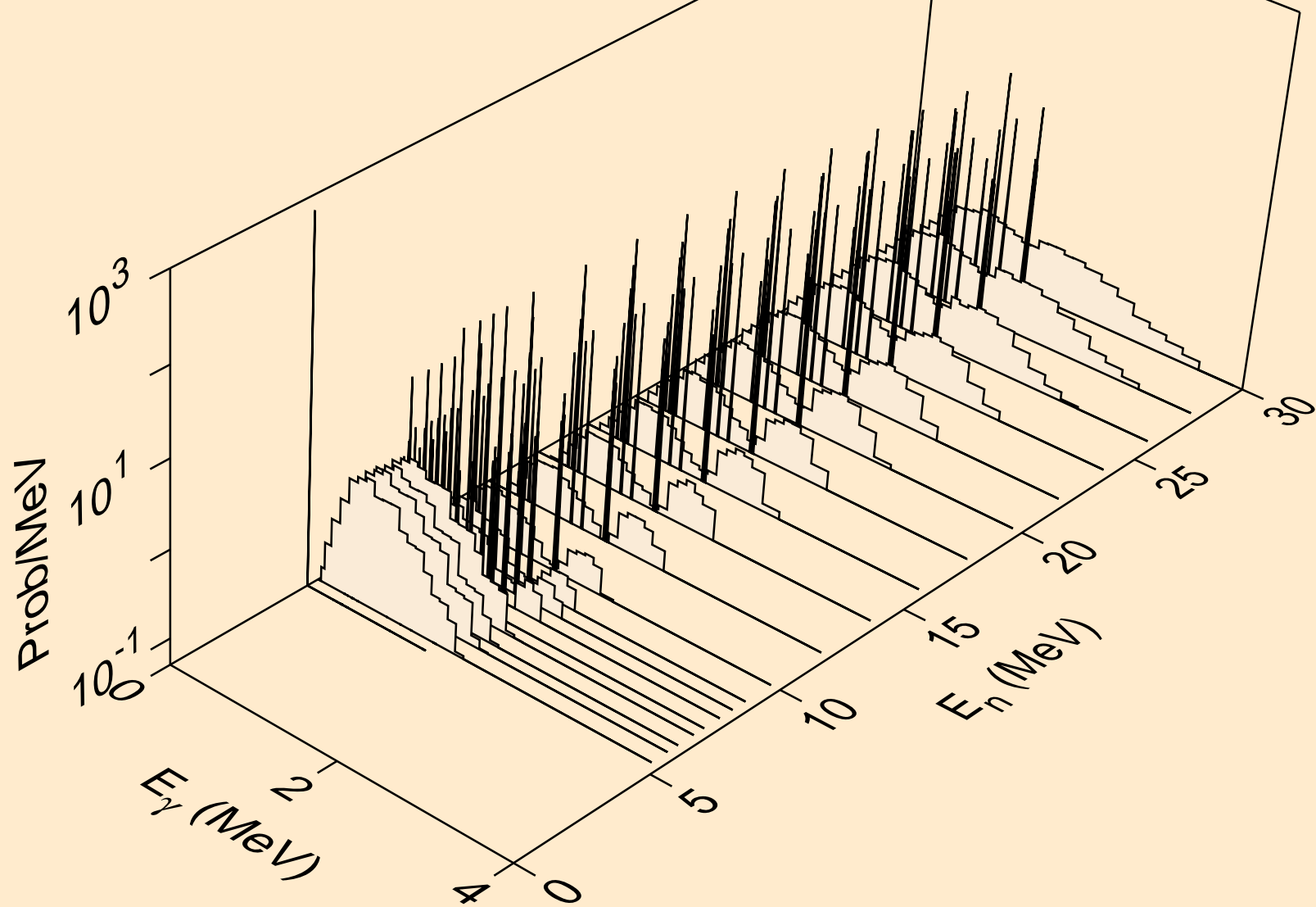
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



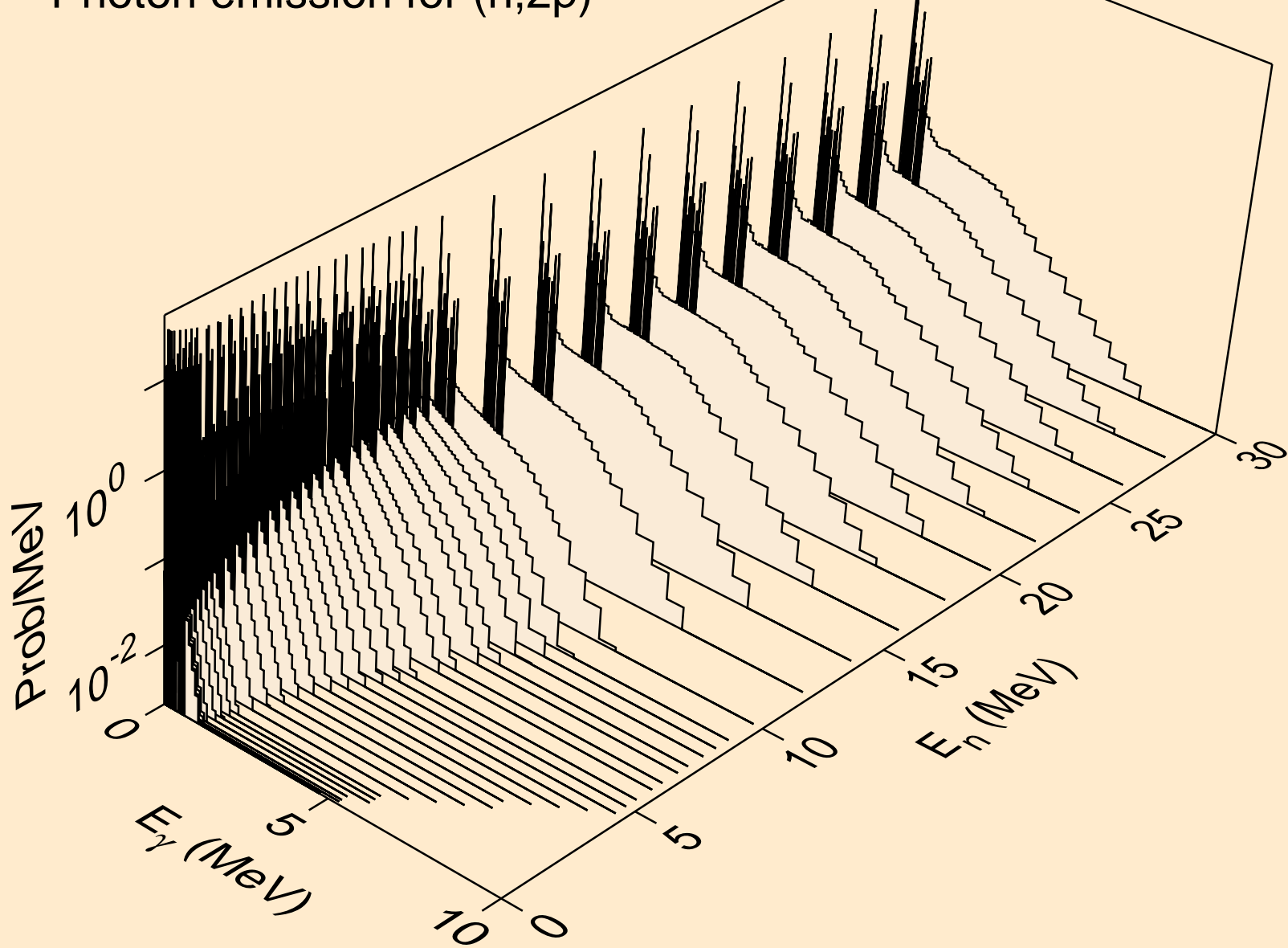
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



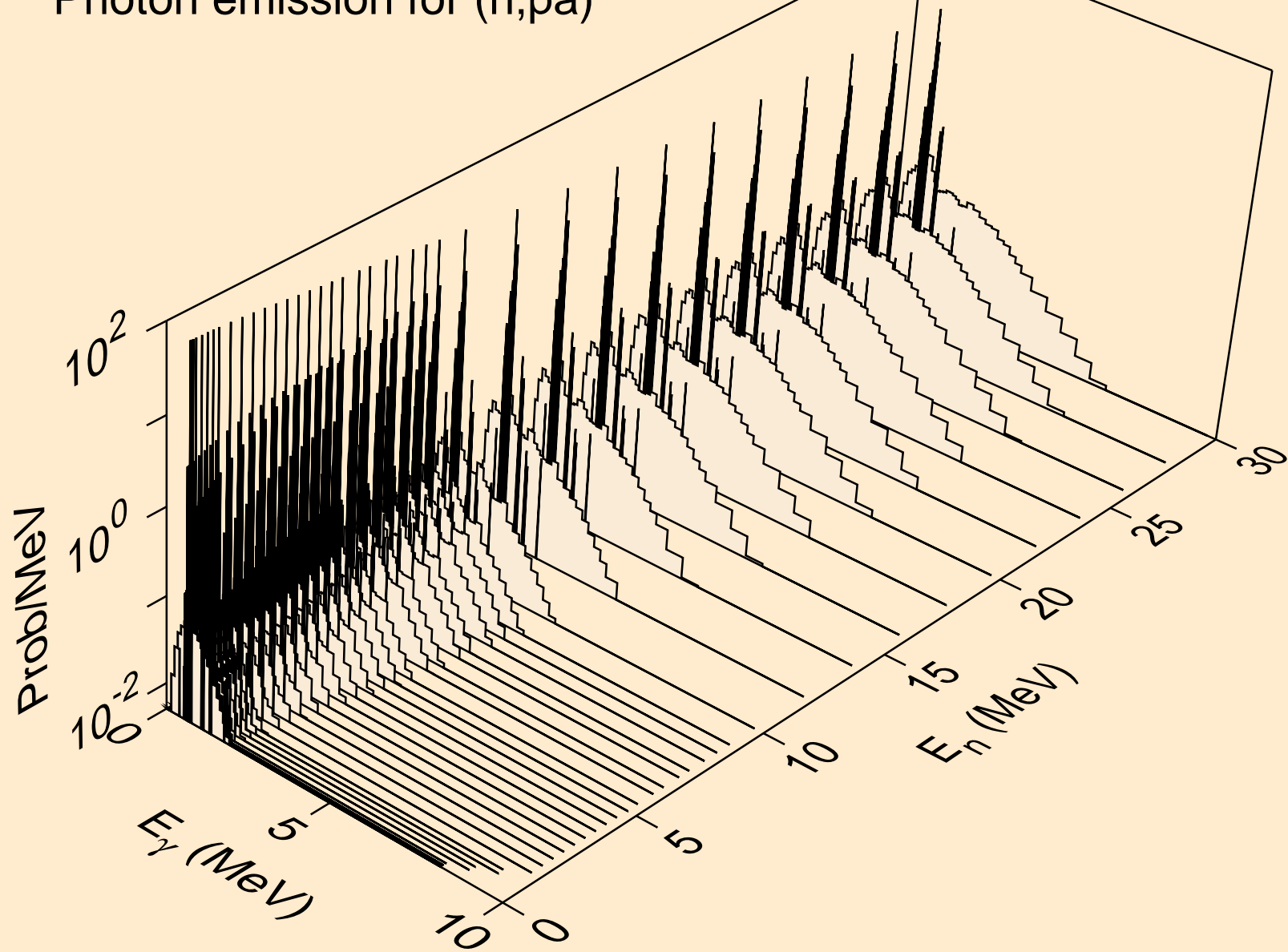
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



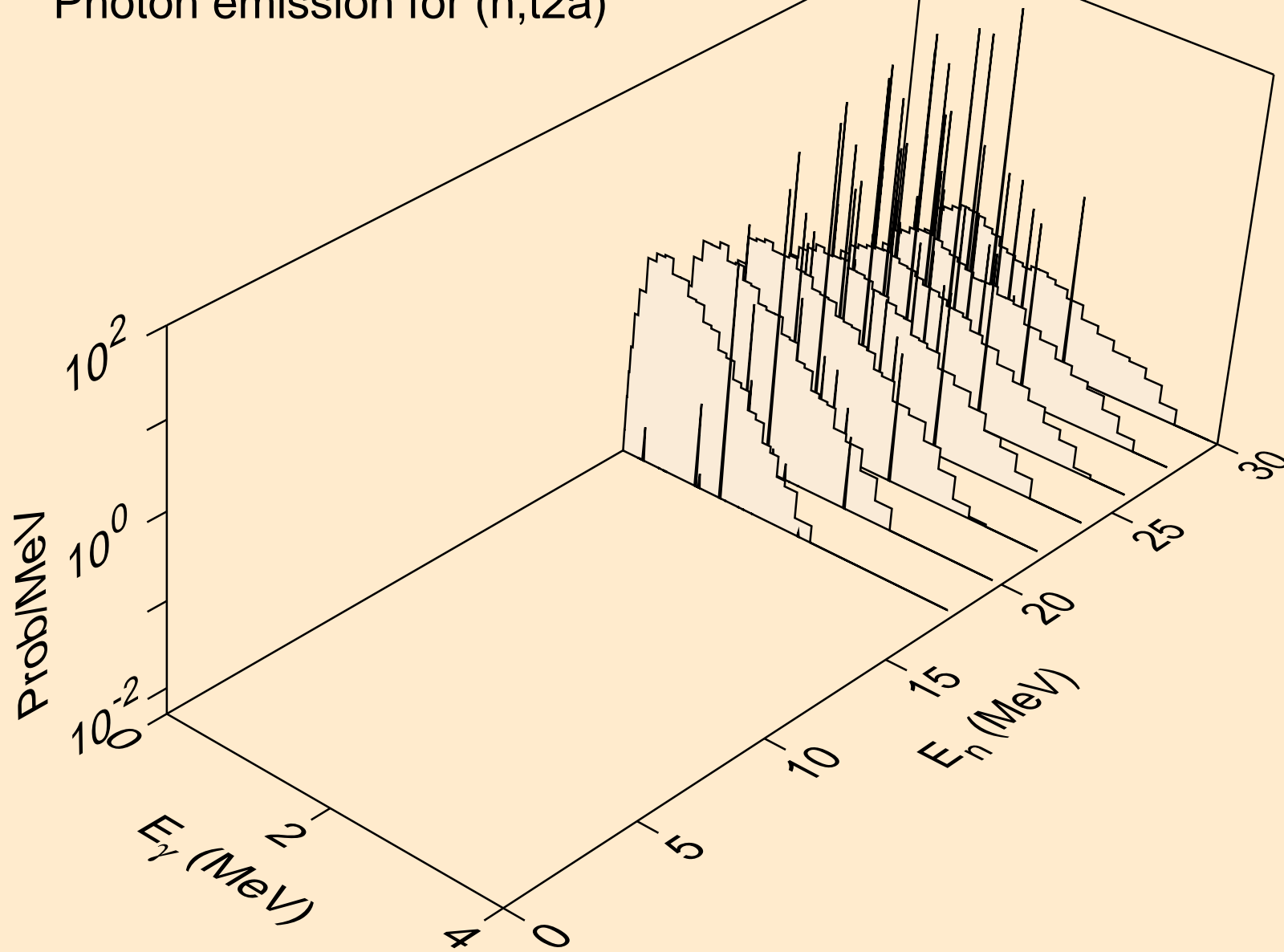
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Photon emission for (n,2p)



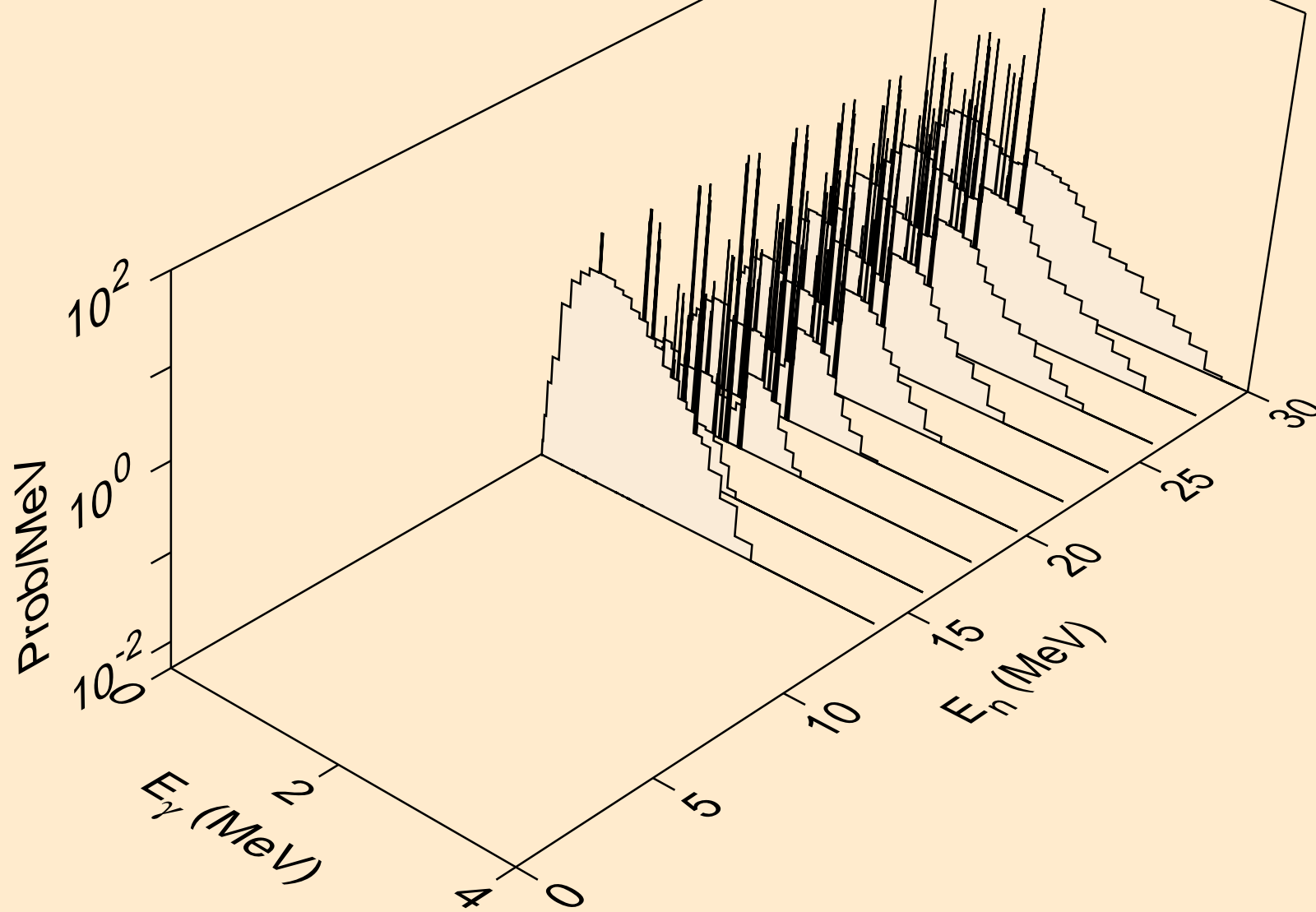
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)

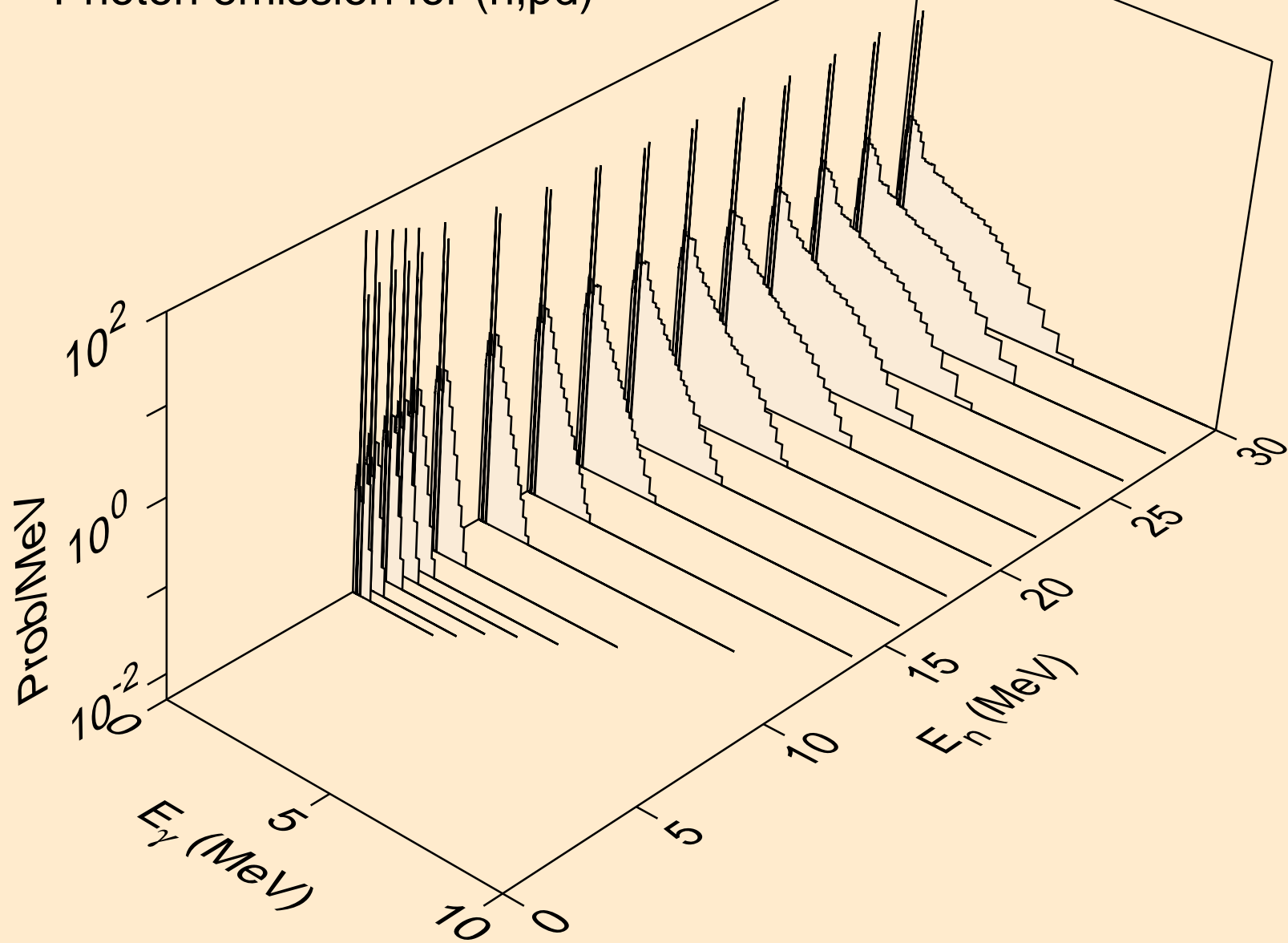


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

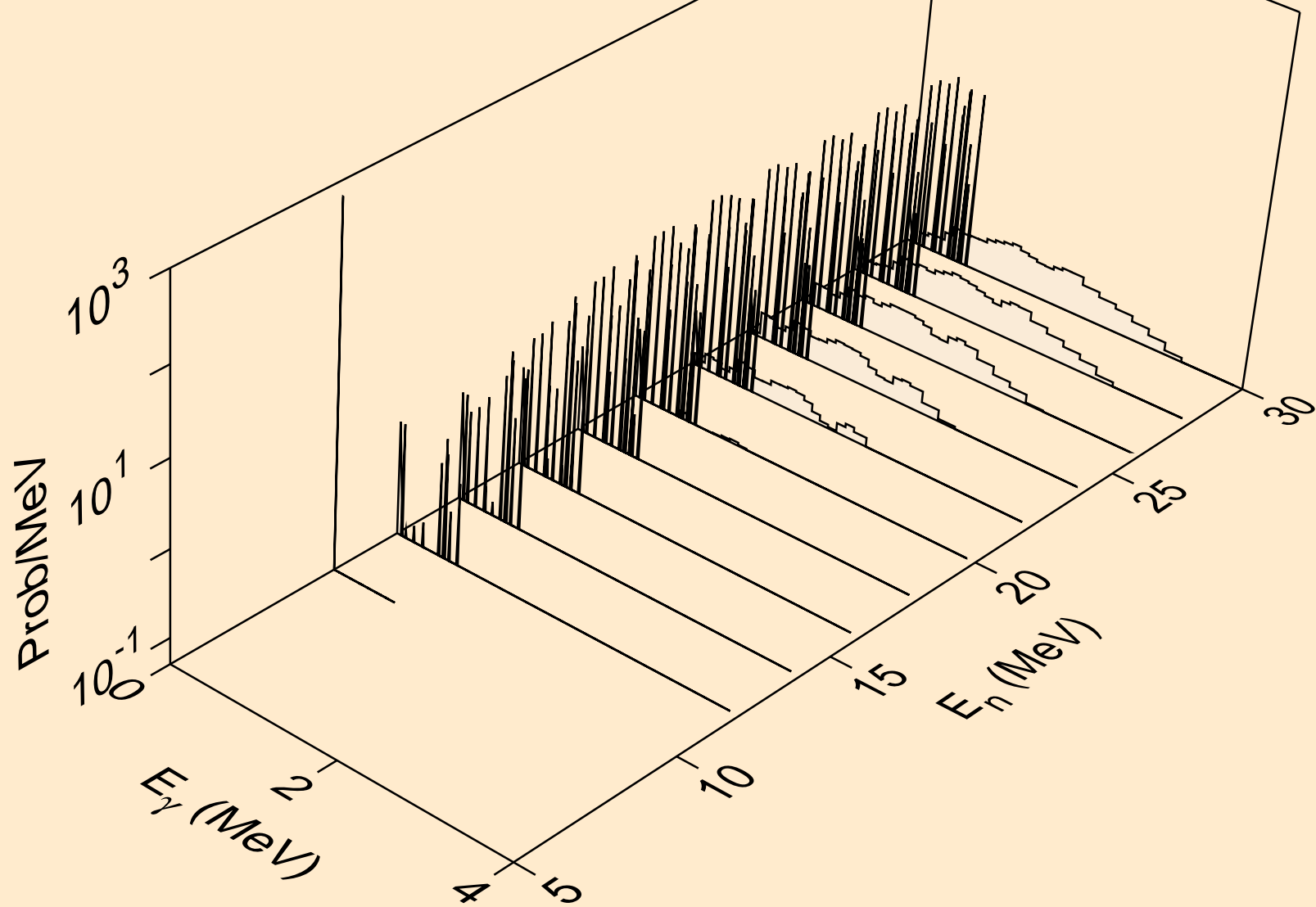




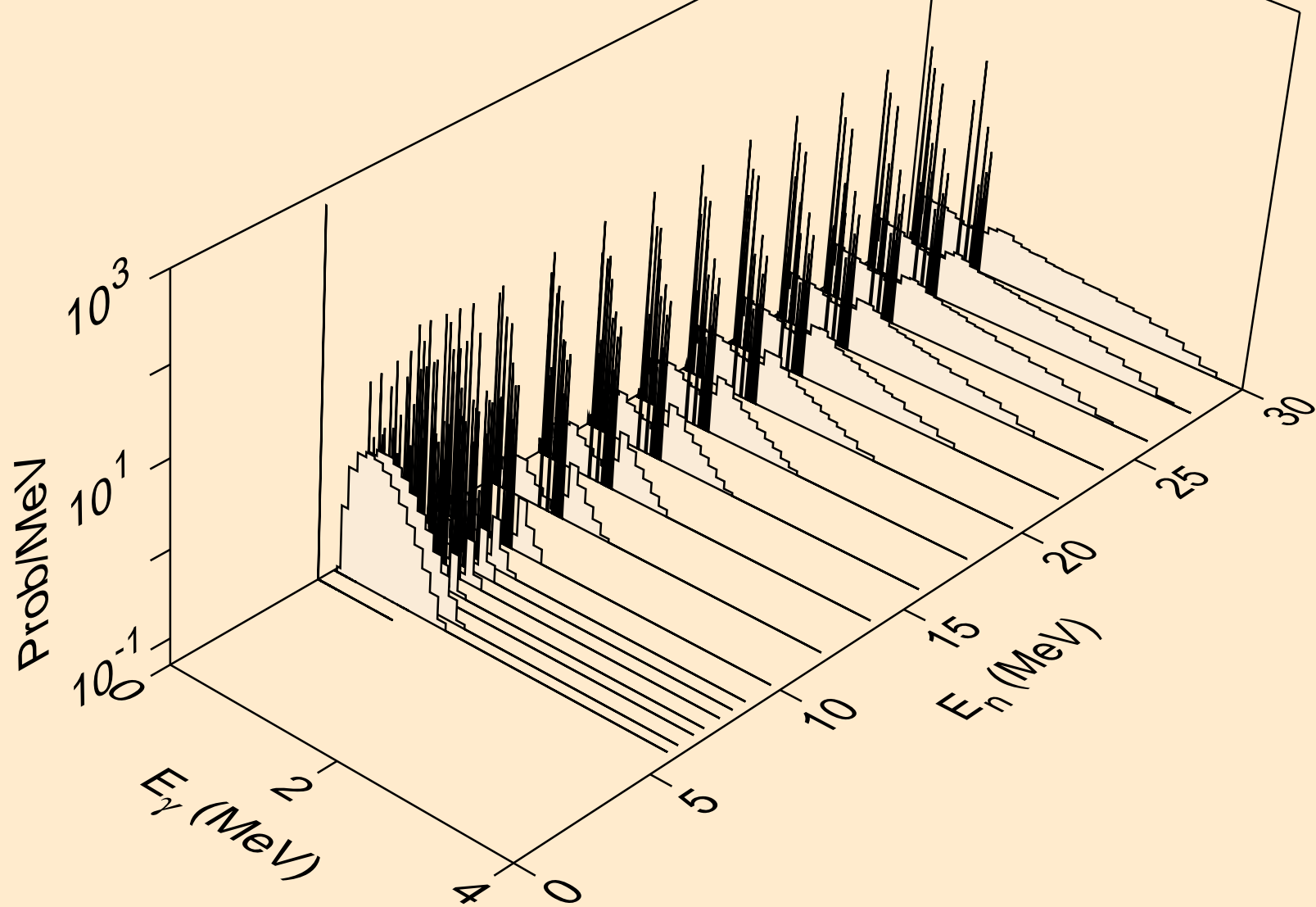
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Photon emission for (n,pd)



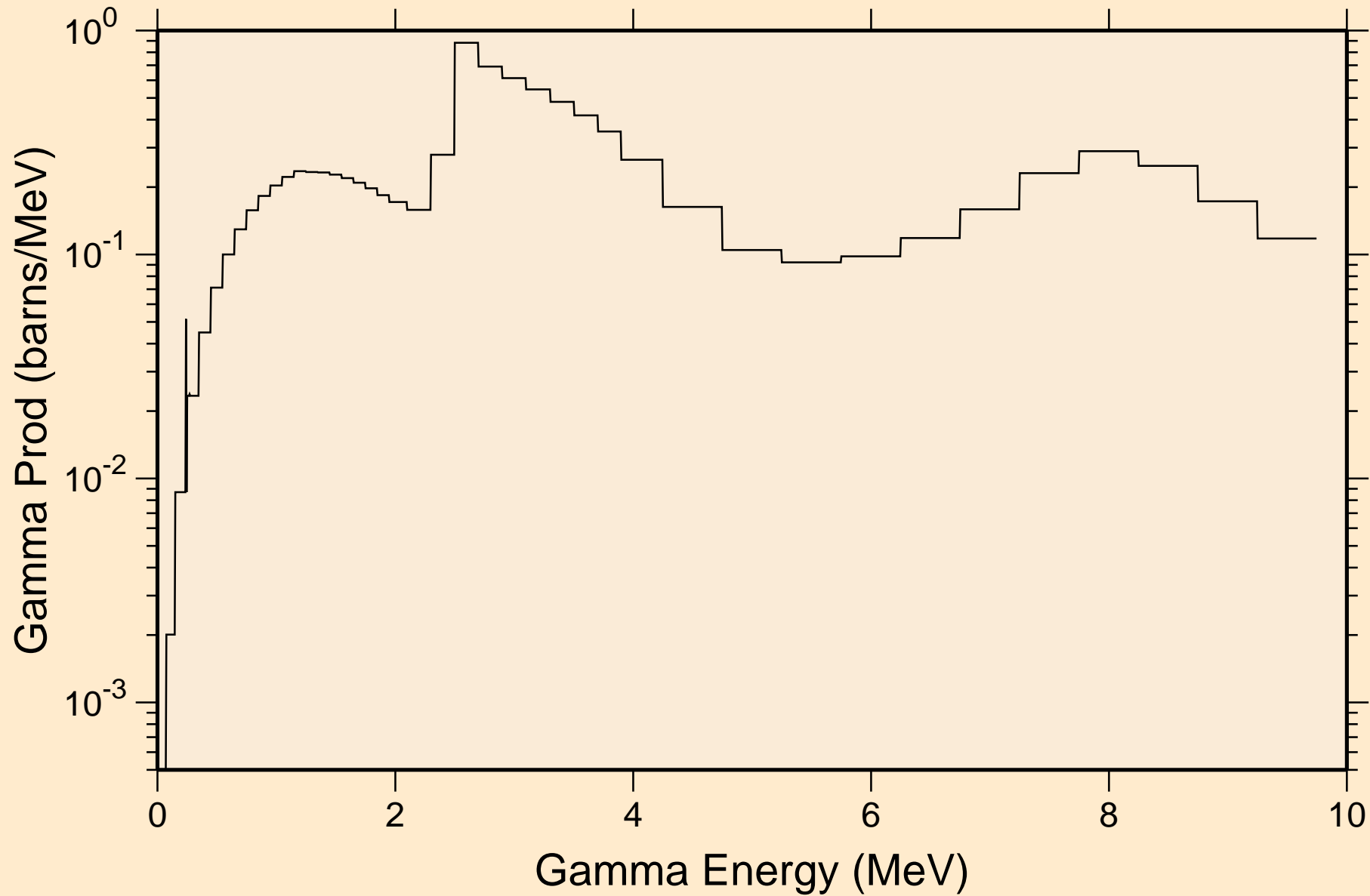
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



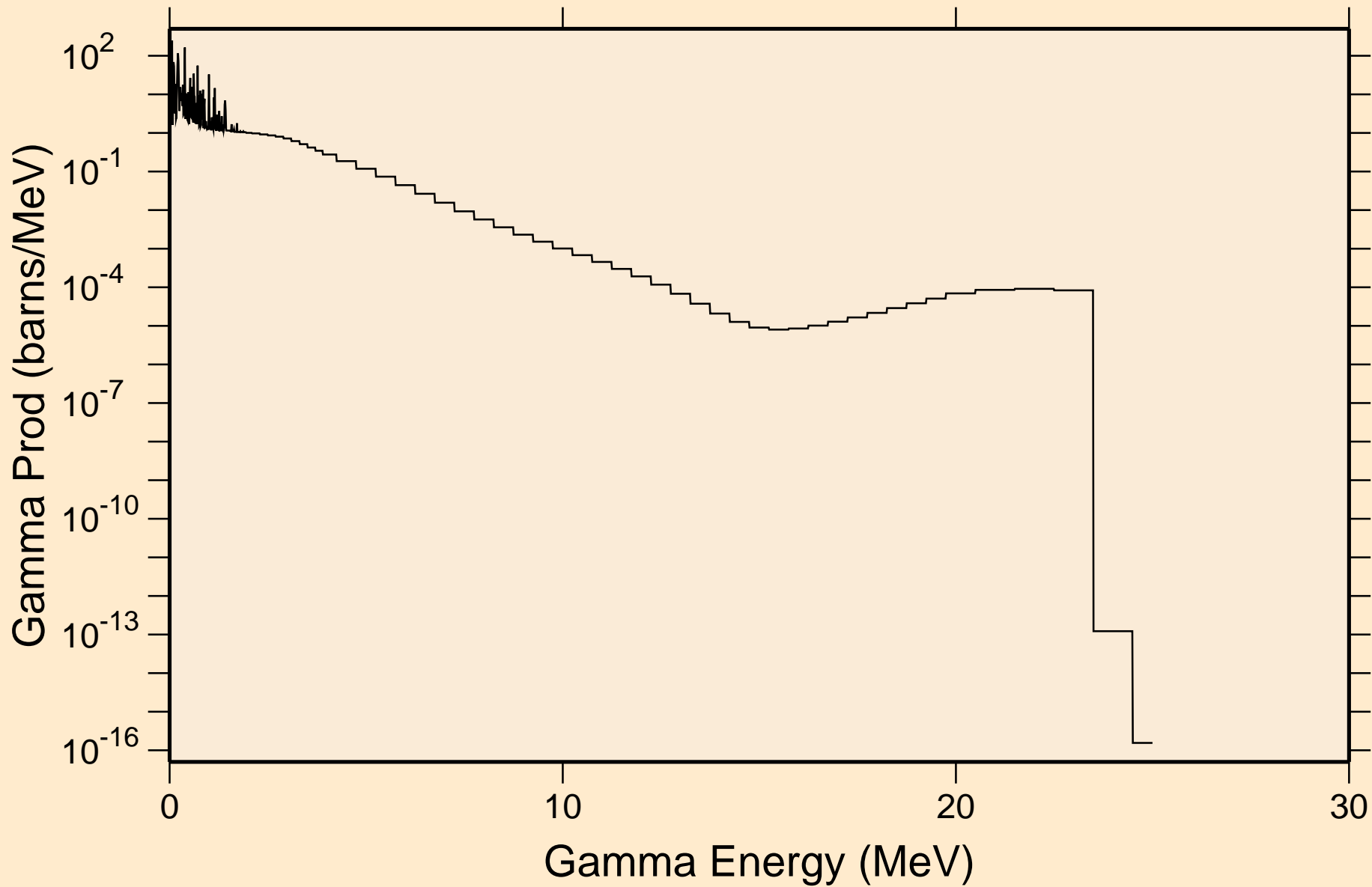
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

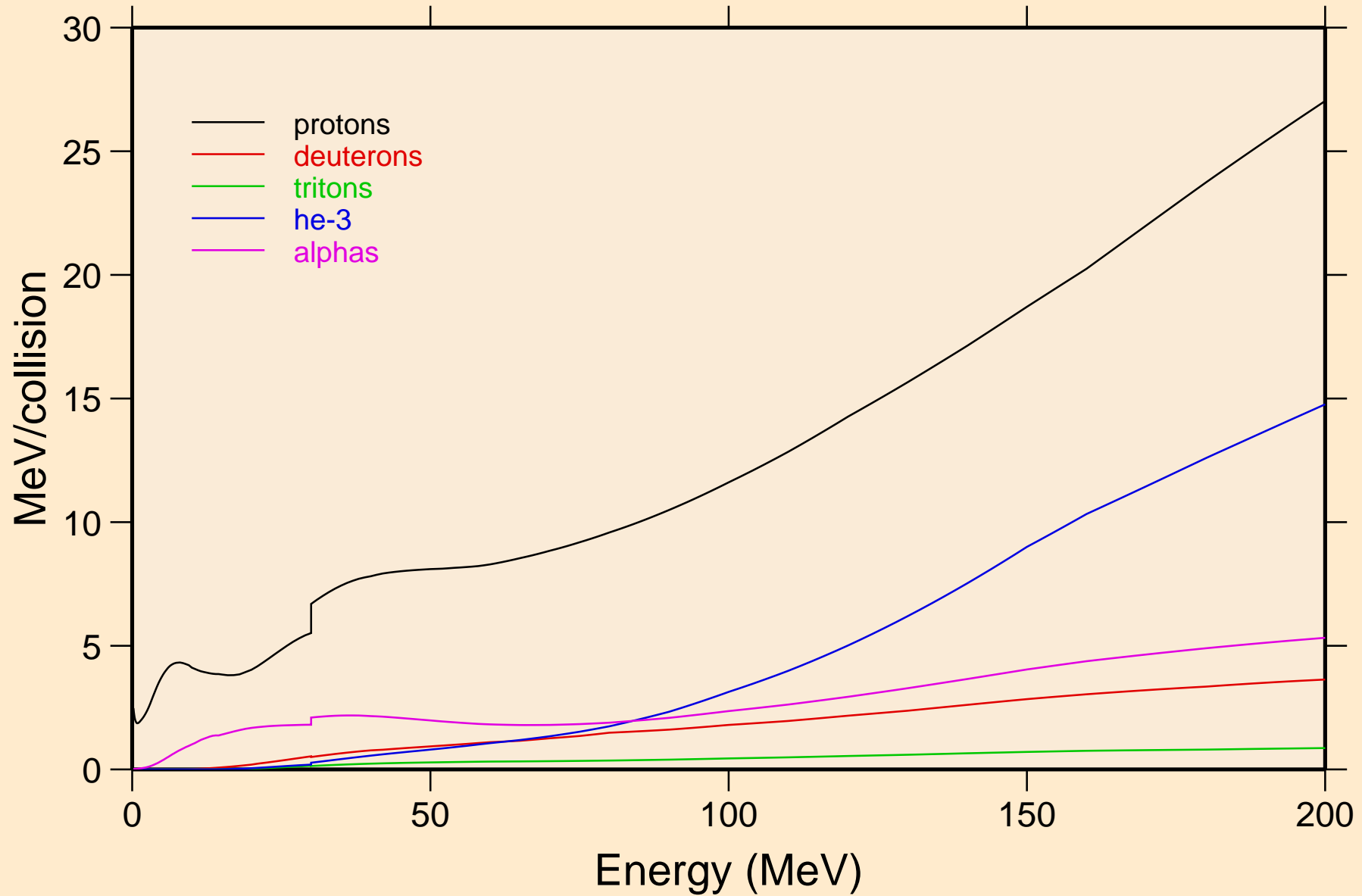


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

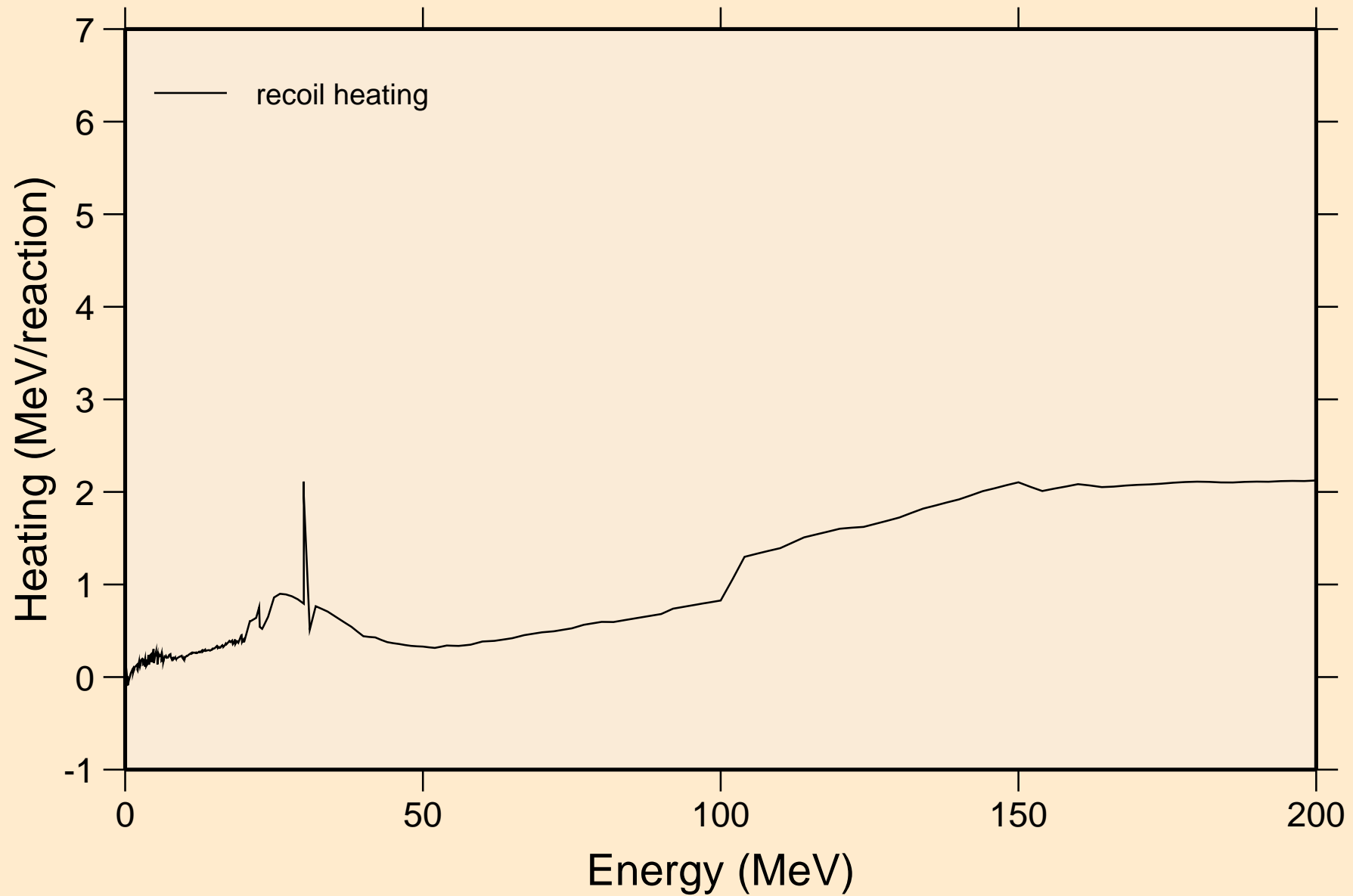


# CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

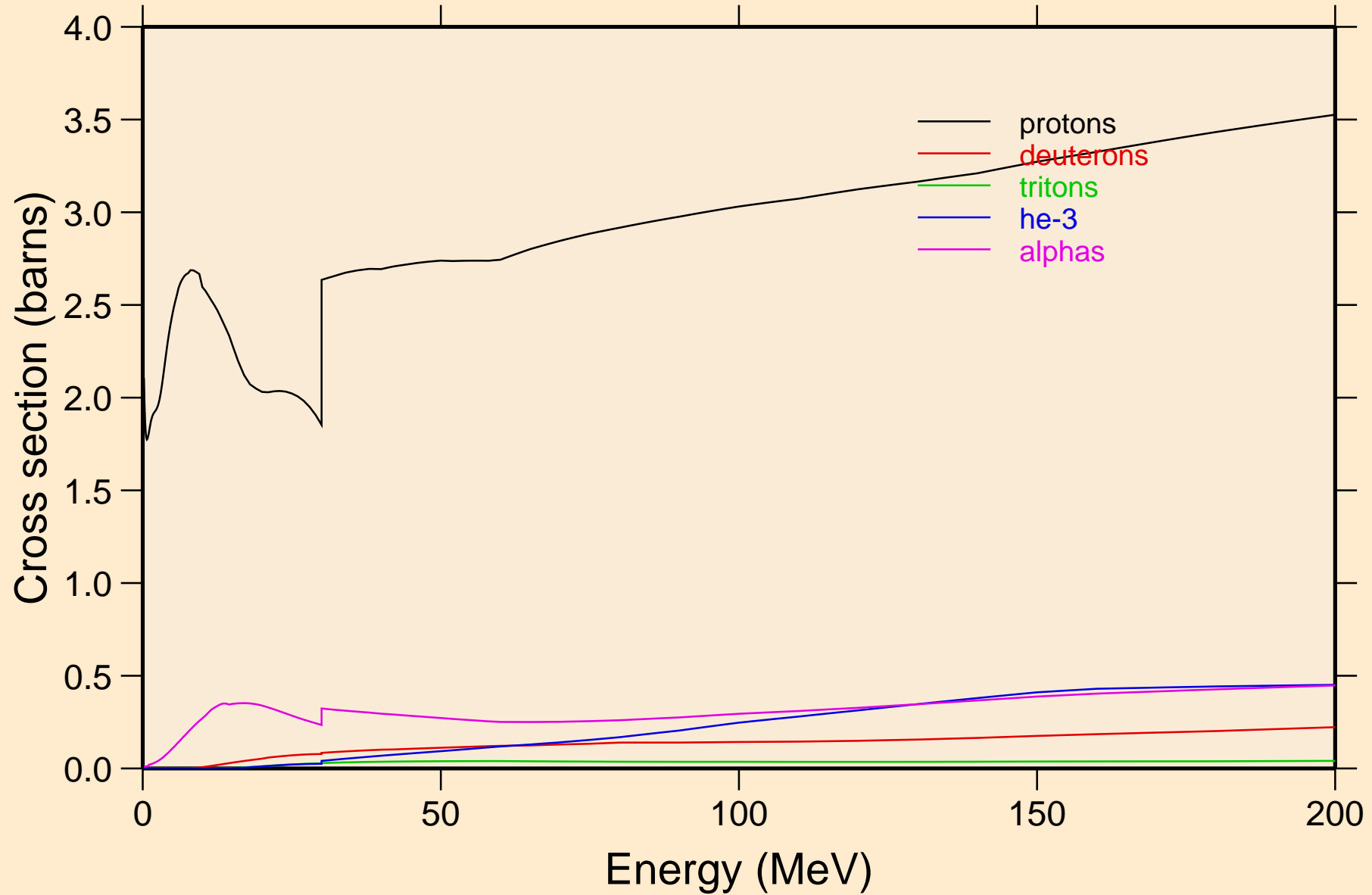


CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



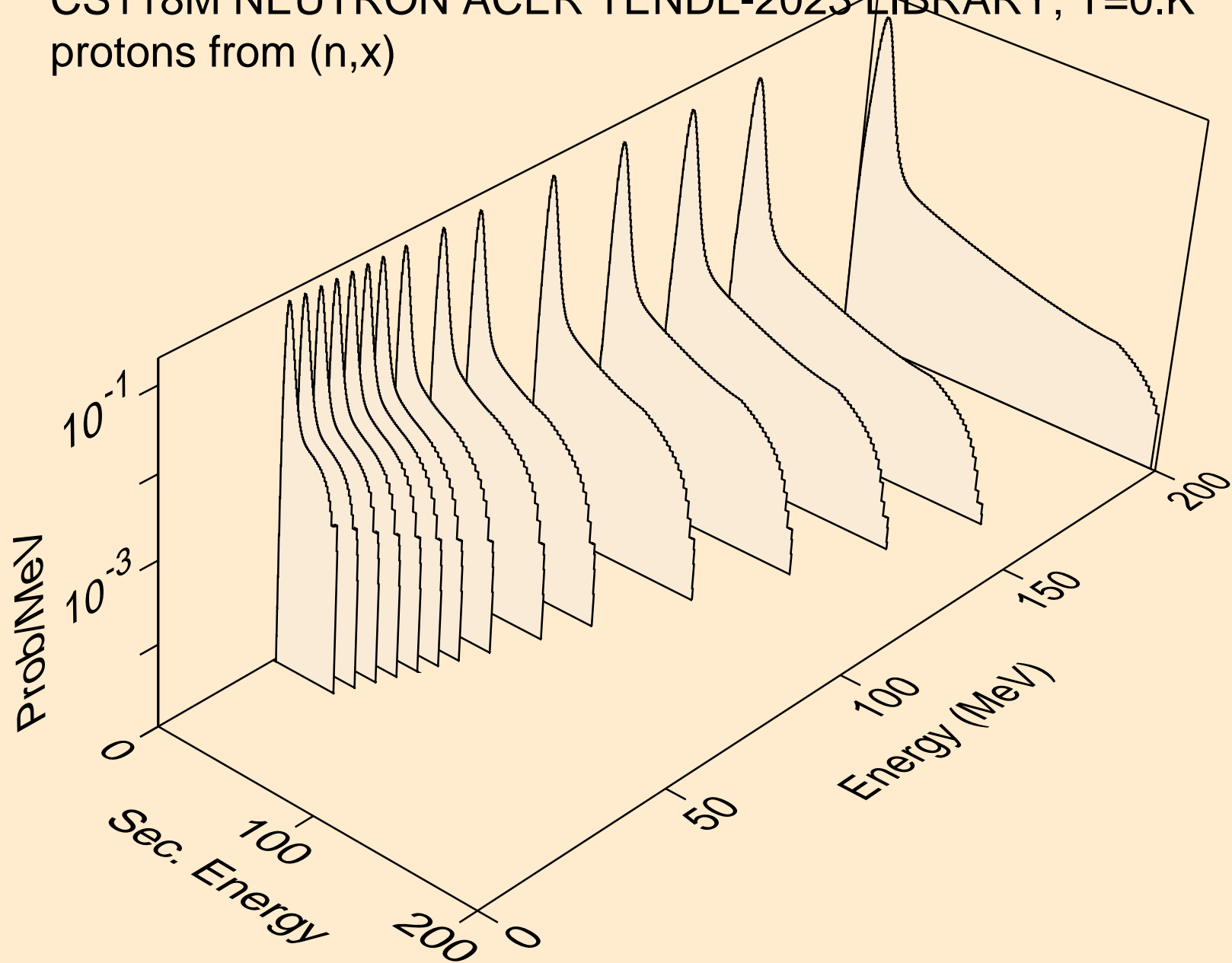
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## Particle production cross sections

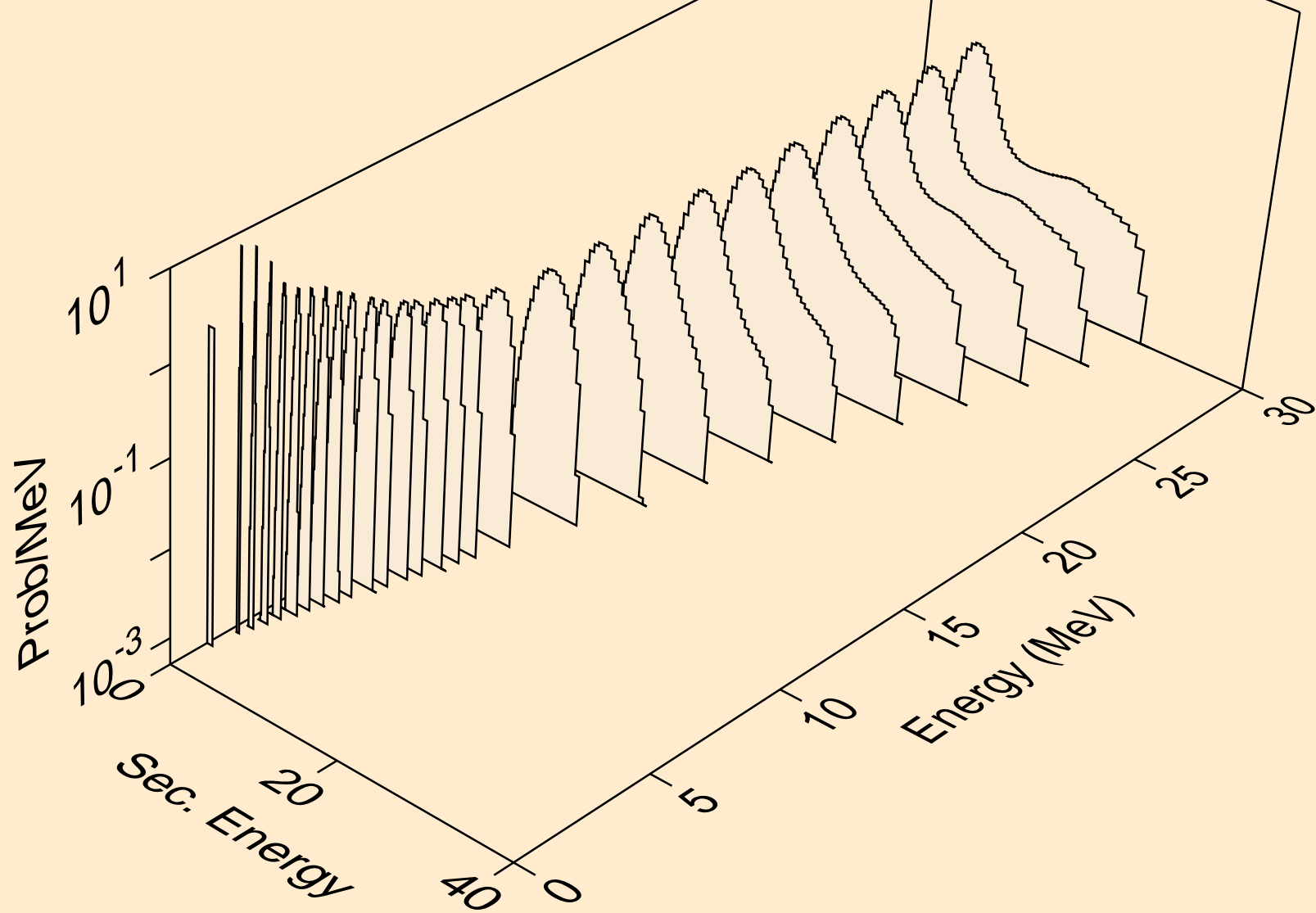




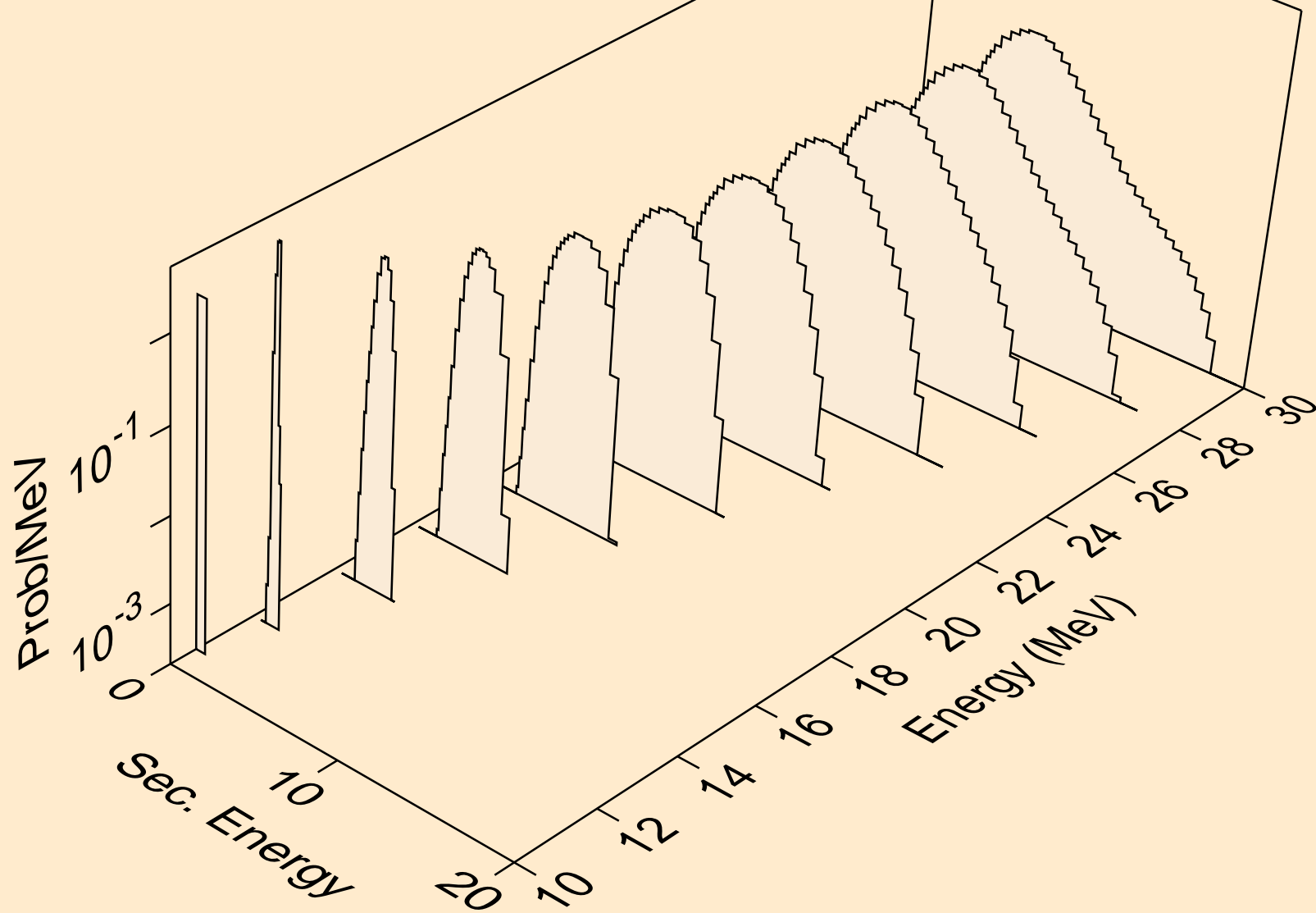
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



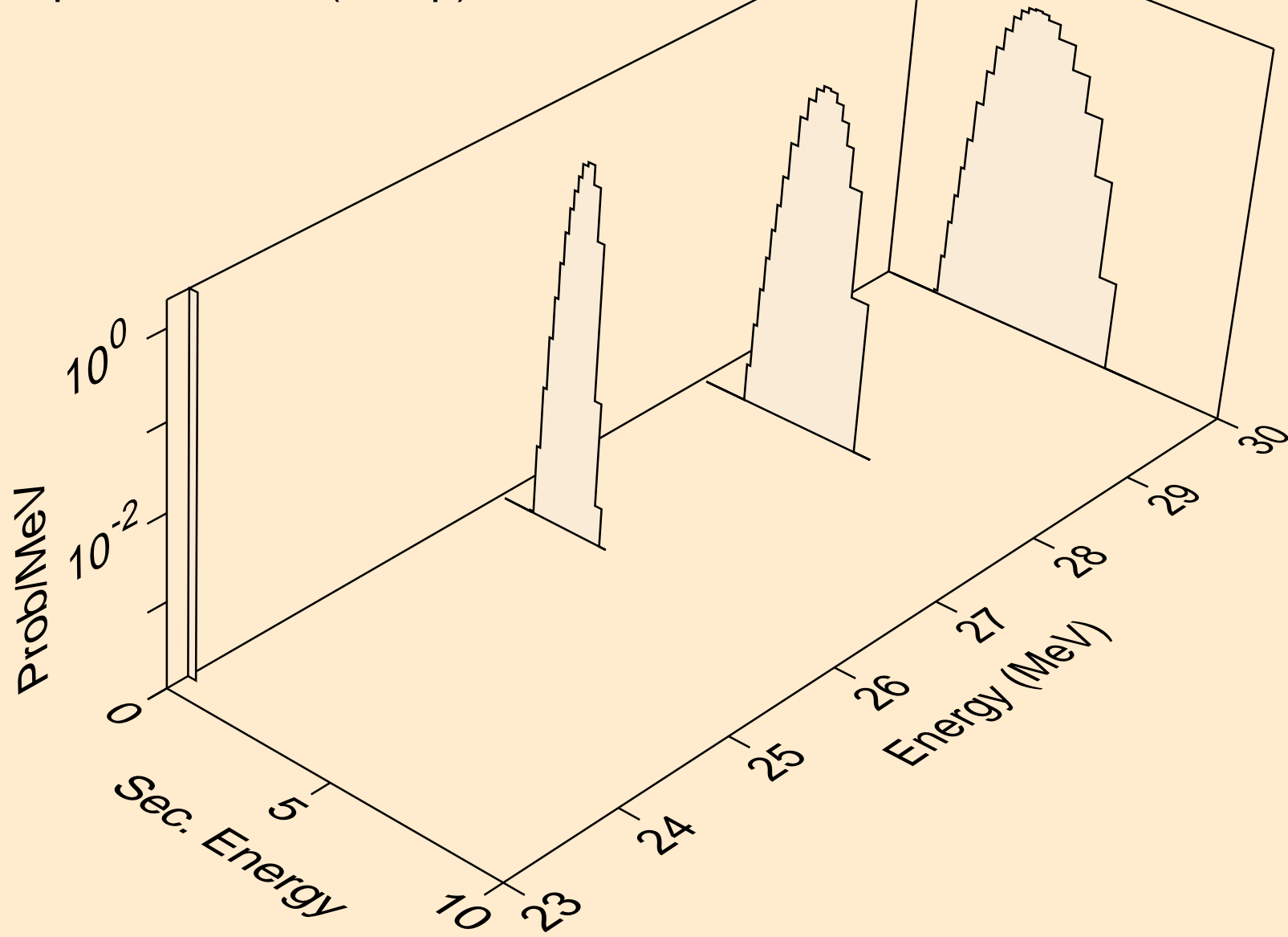
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protons from (n,n\*)p



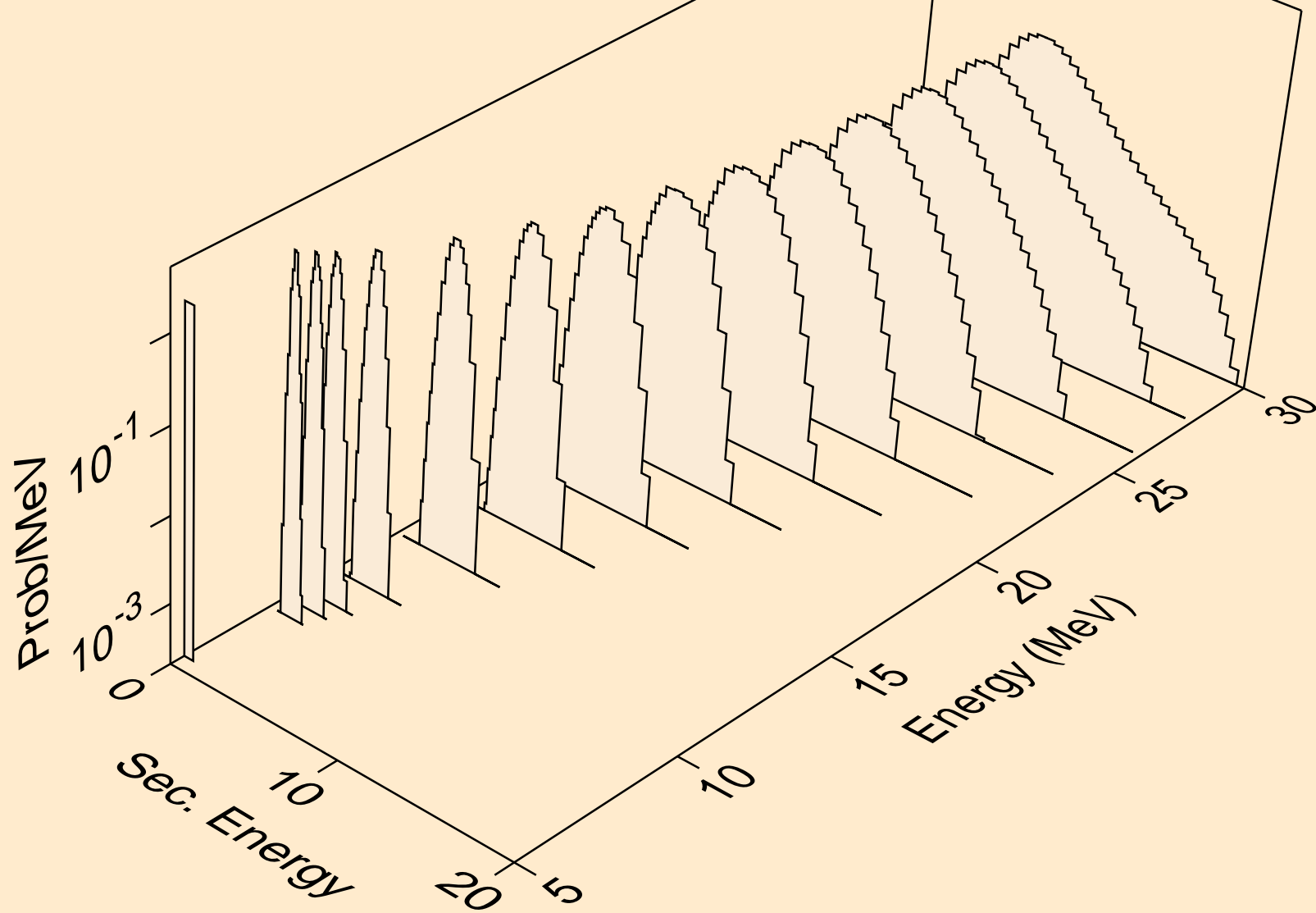
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protons from (n,2np)



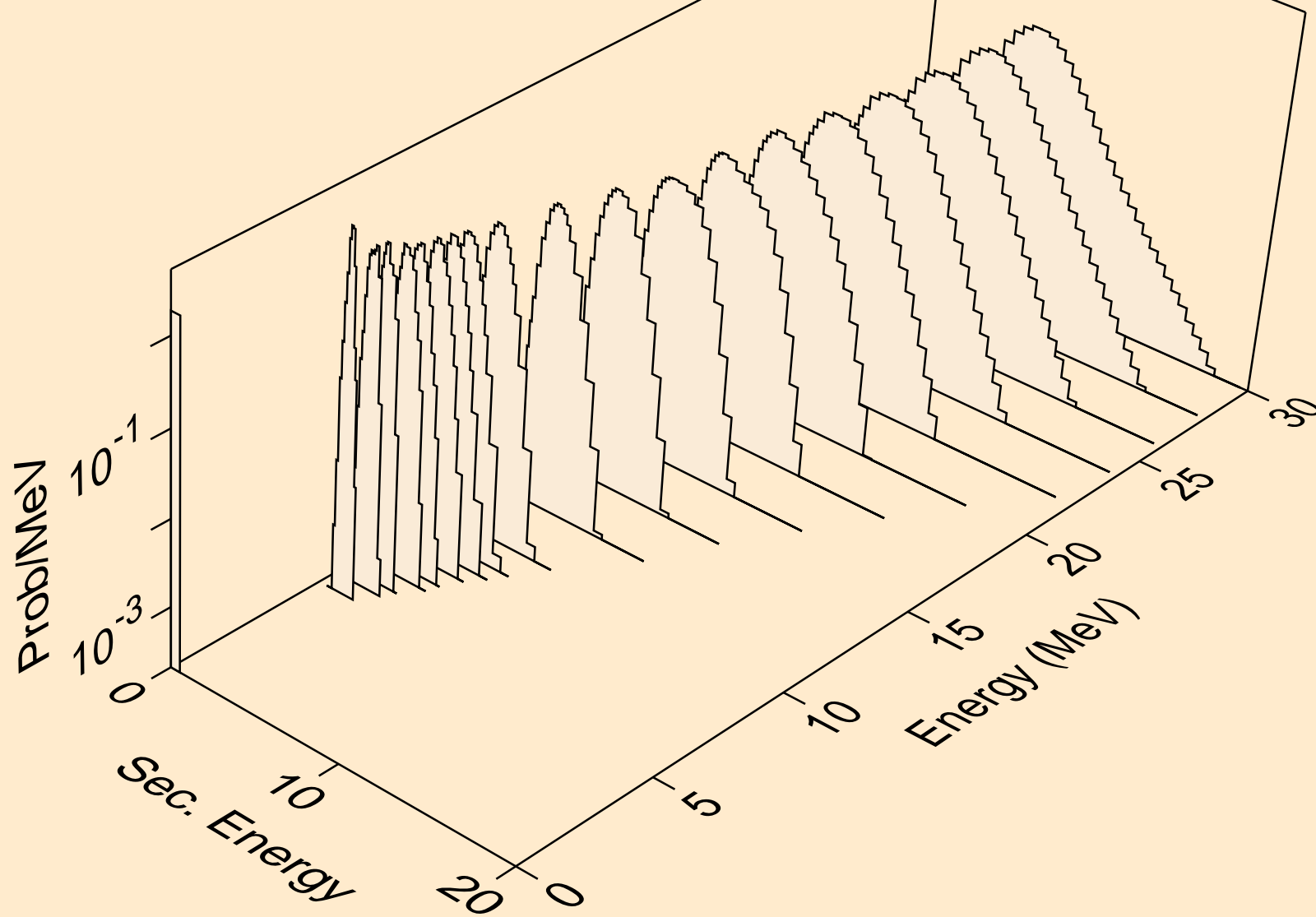
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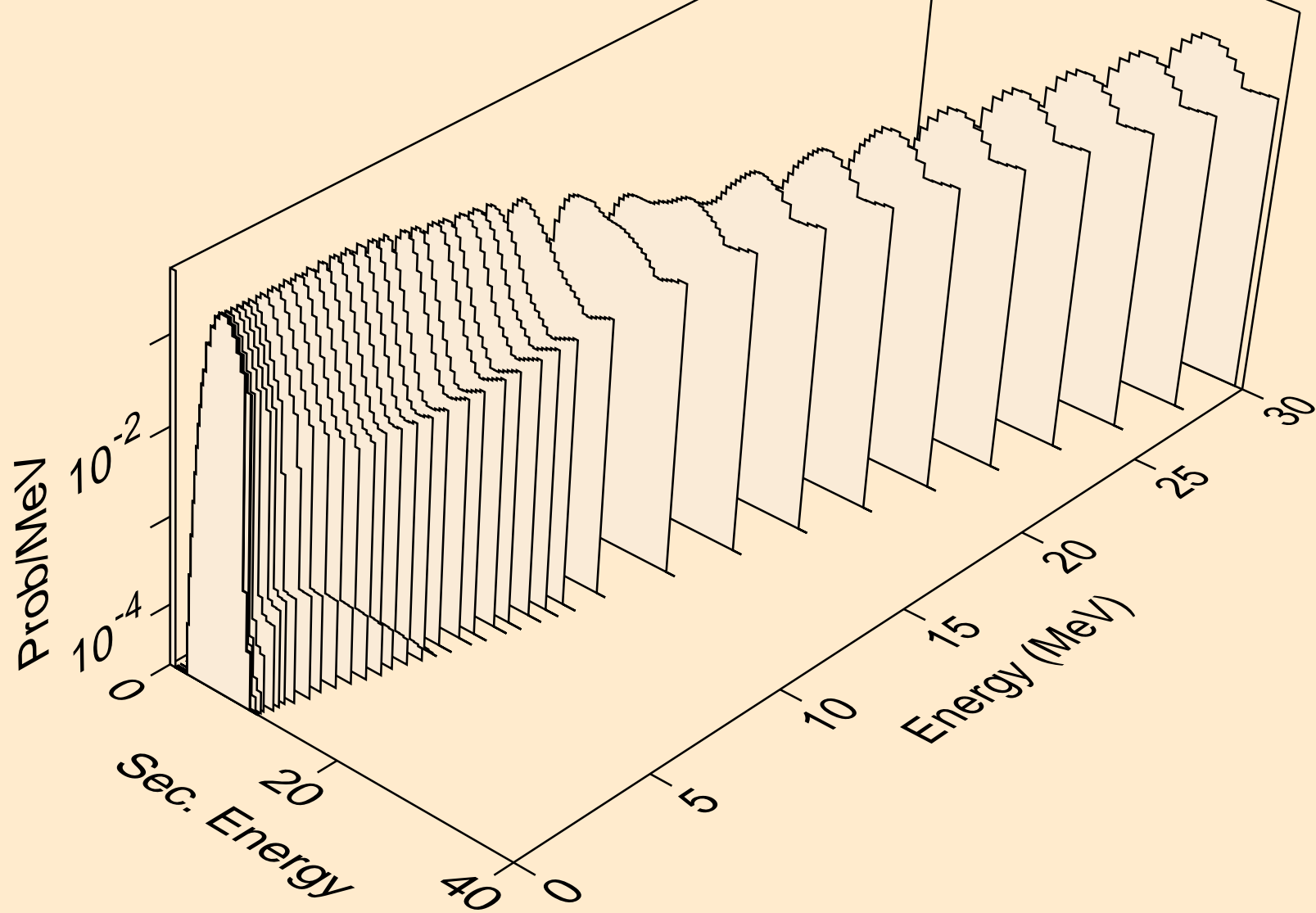
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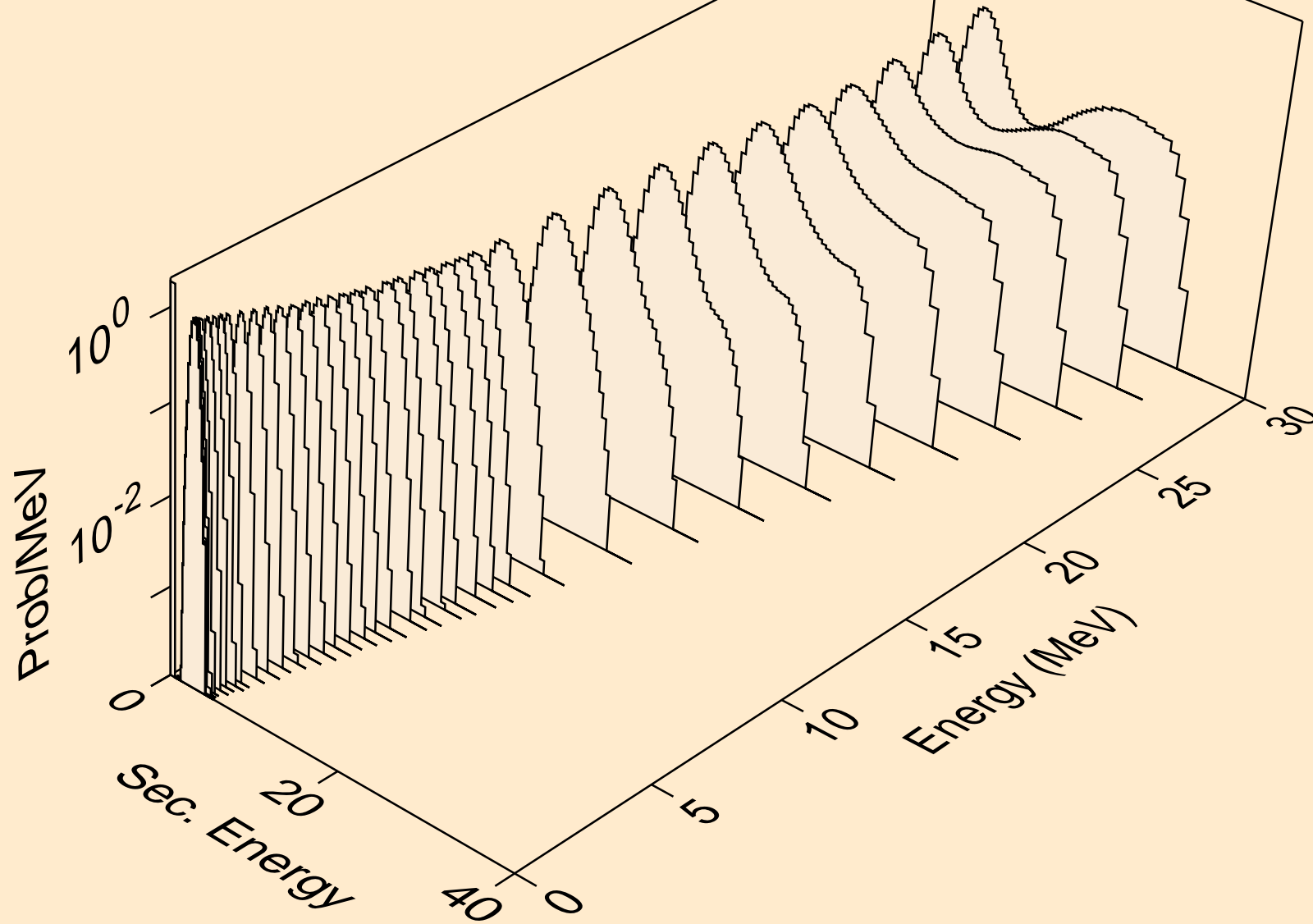
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

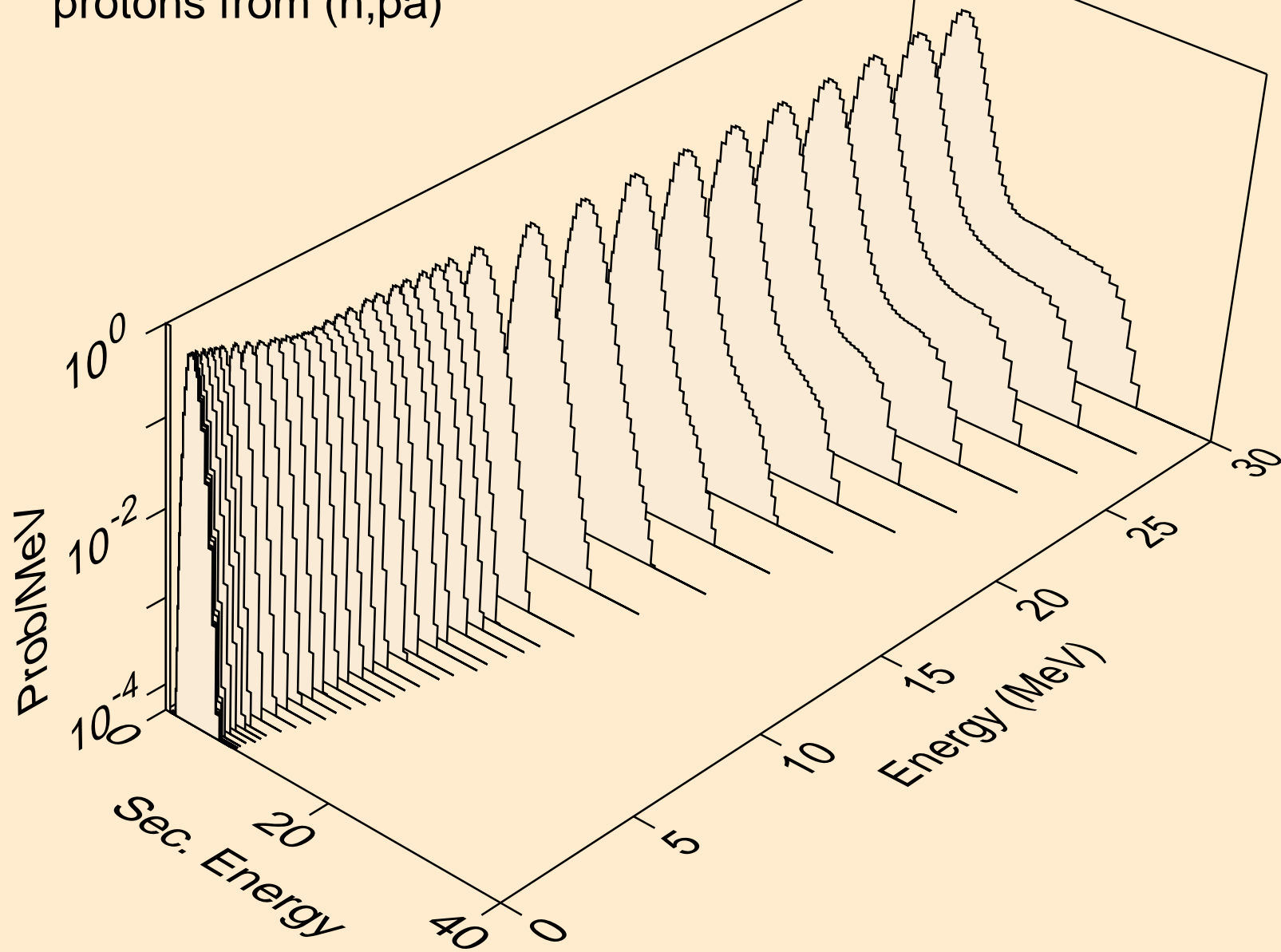


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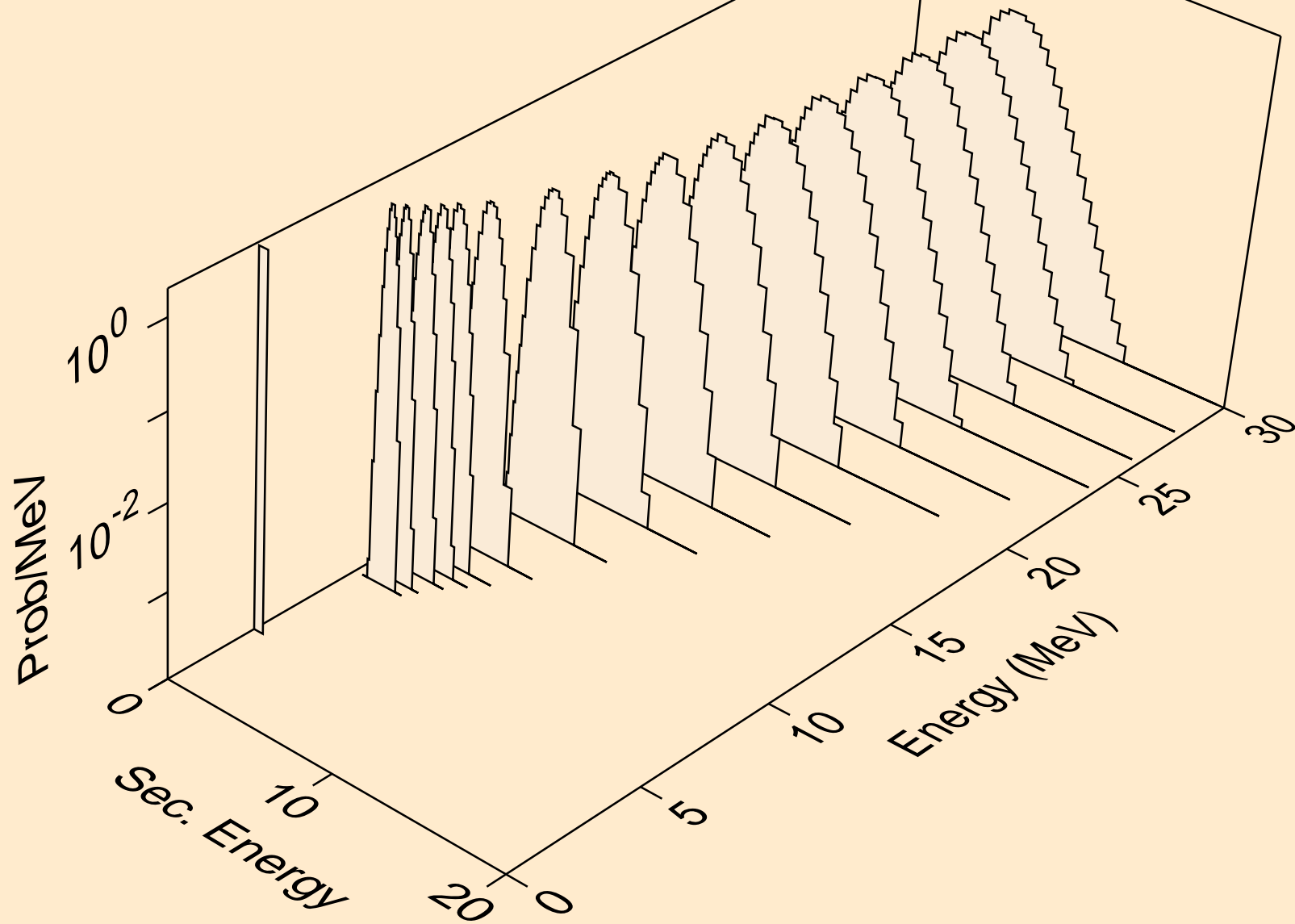




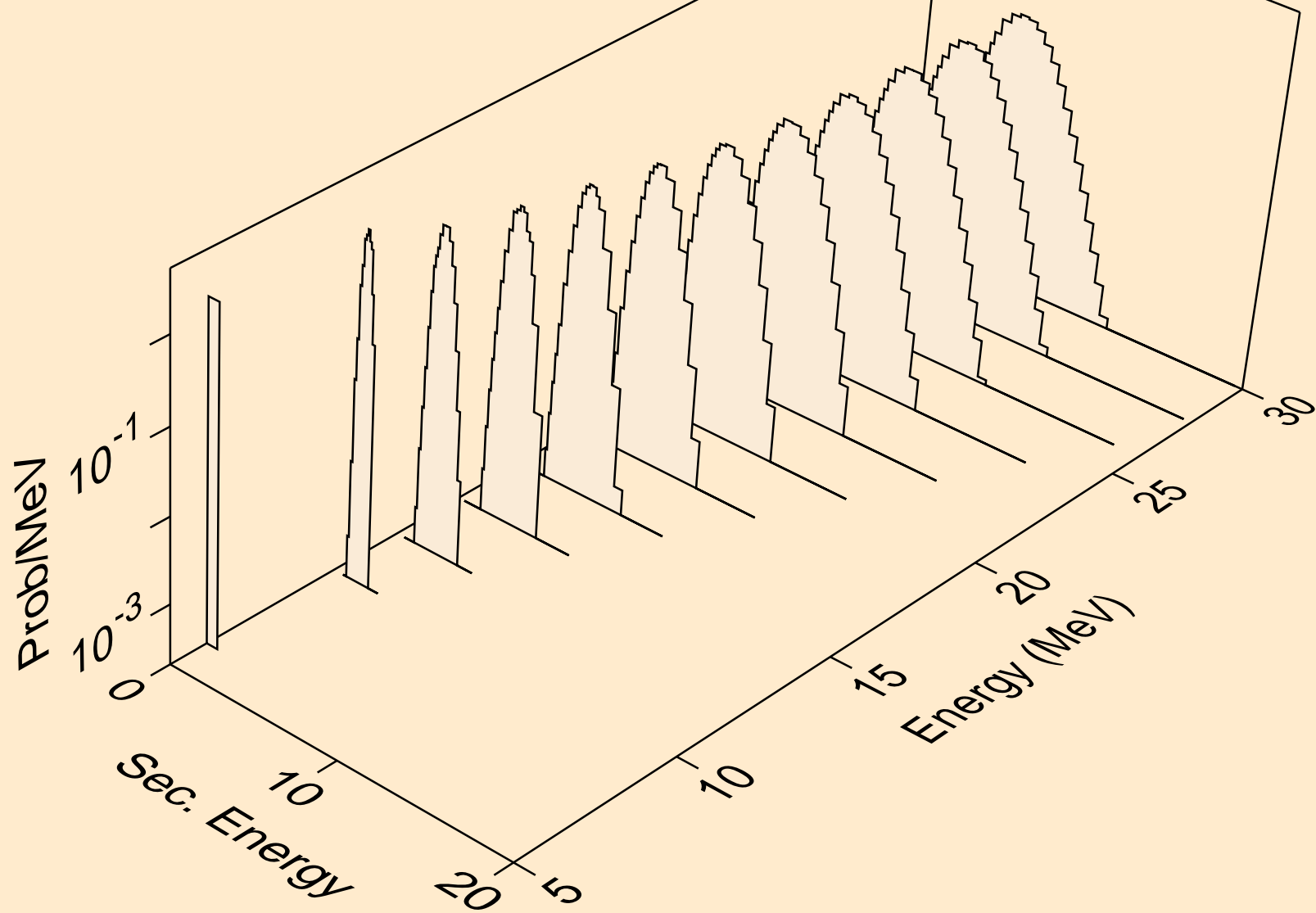
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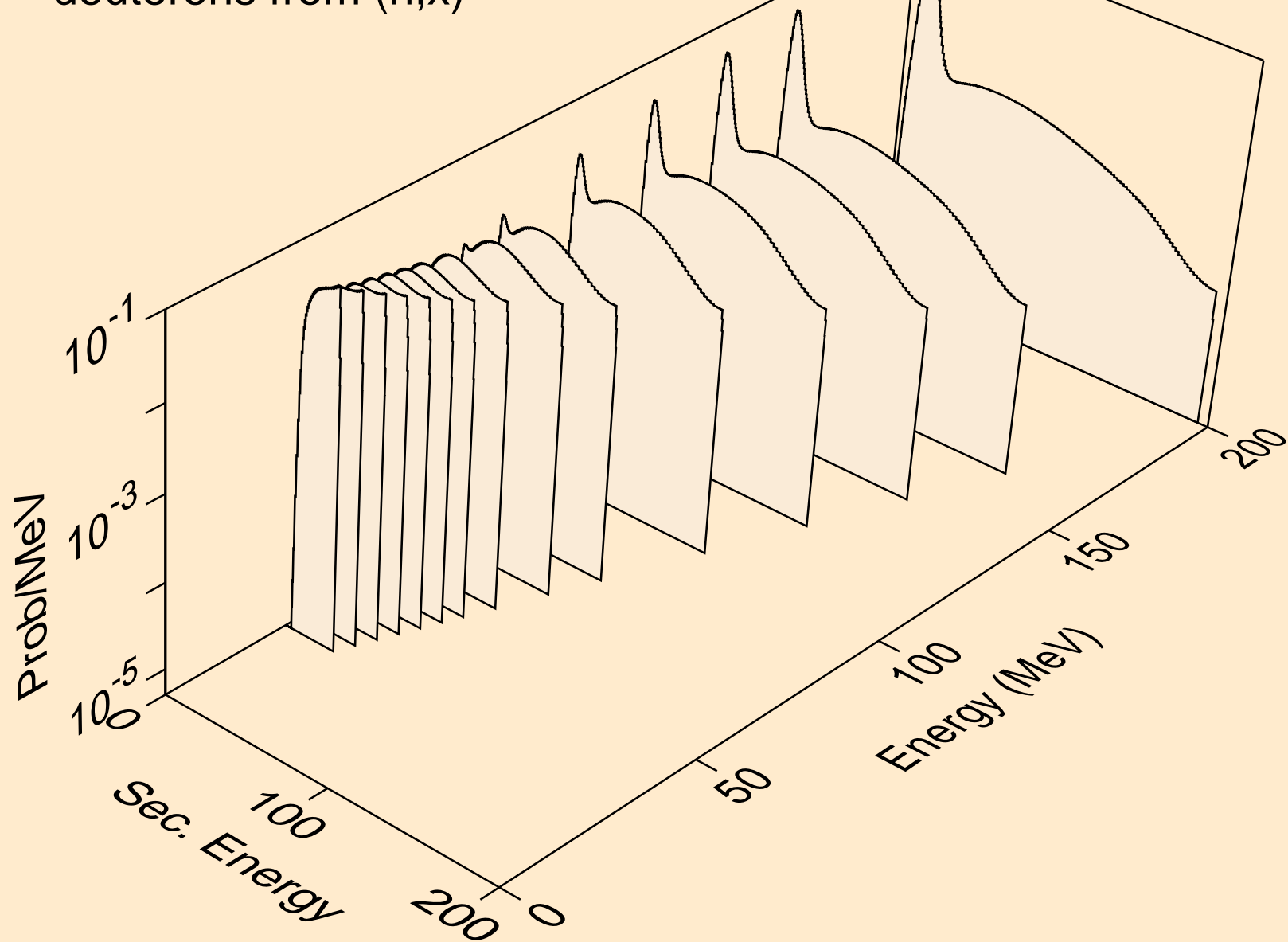
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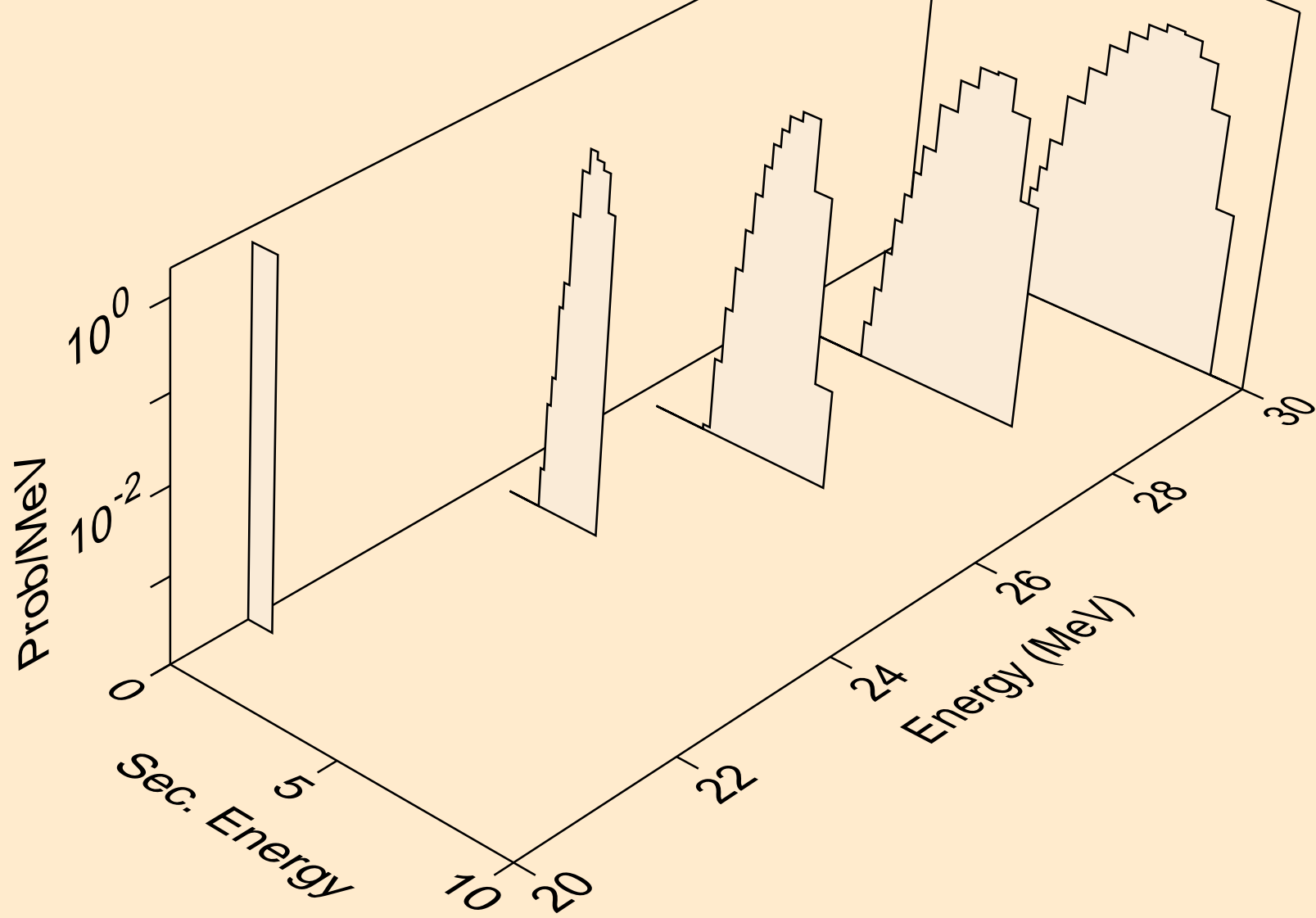
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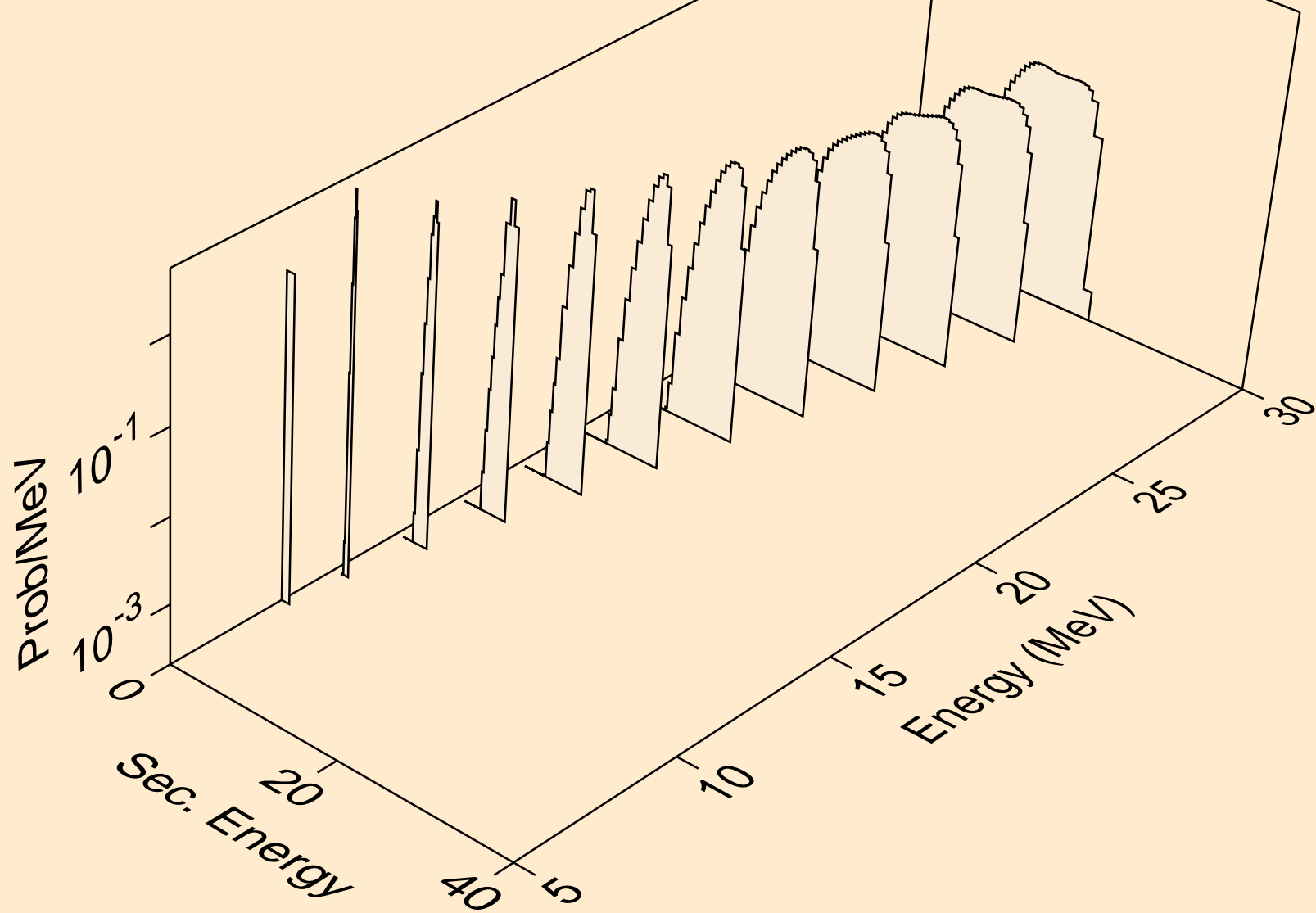
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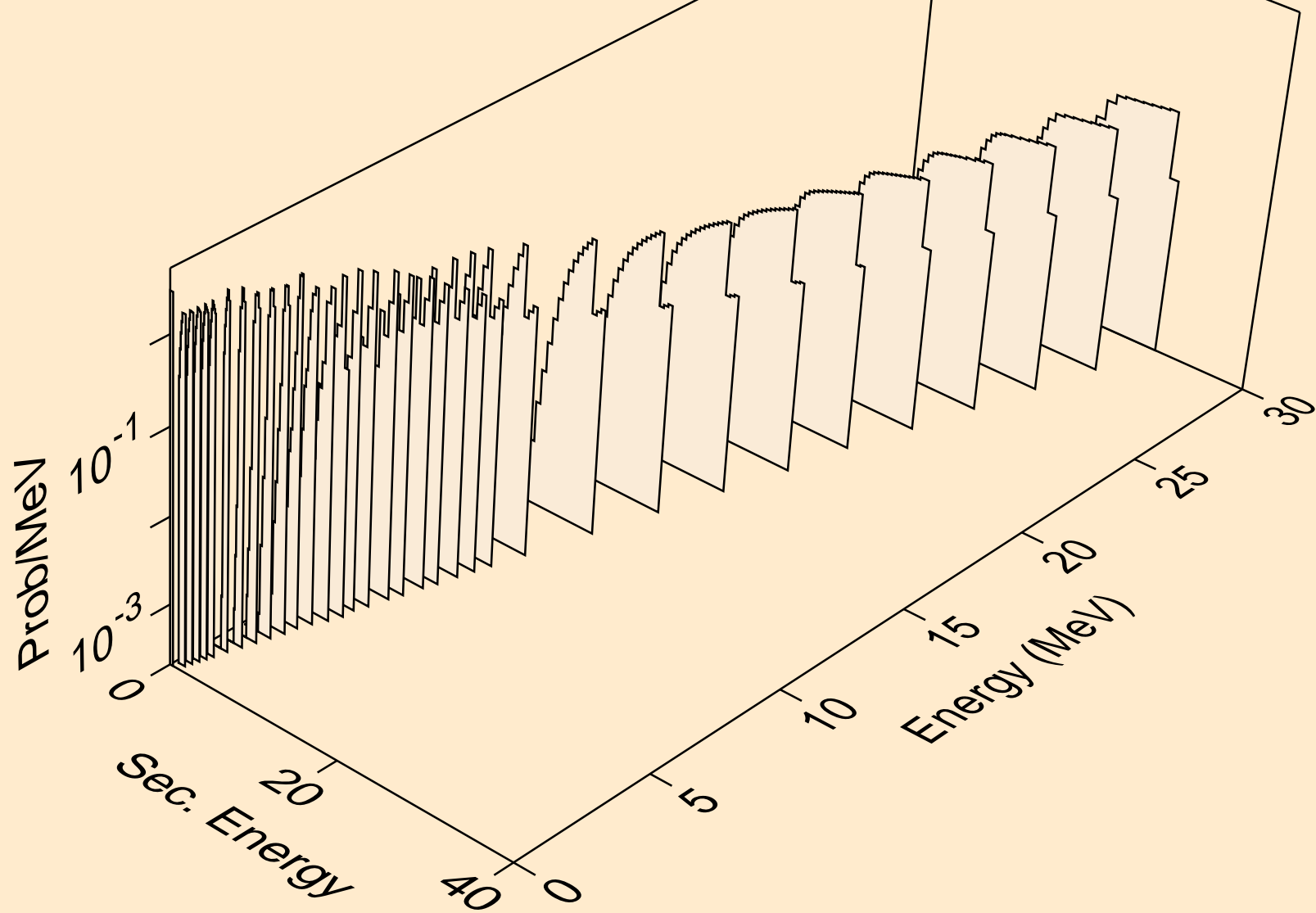
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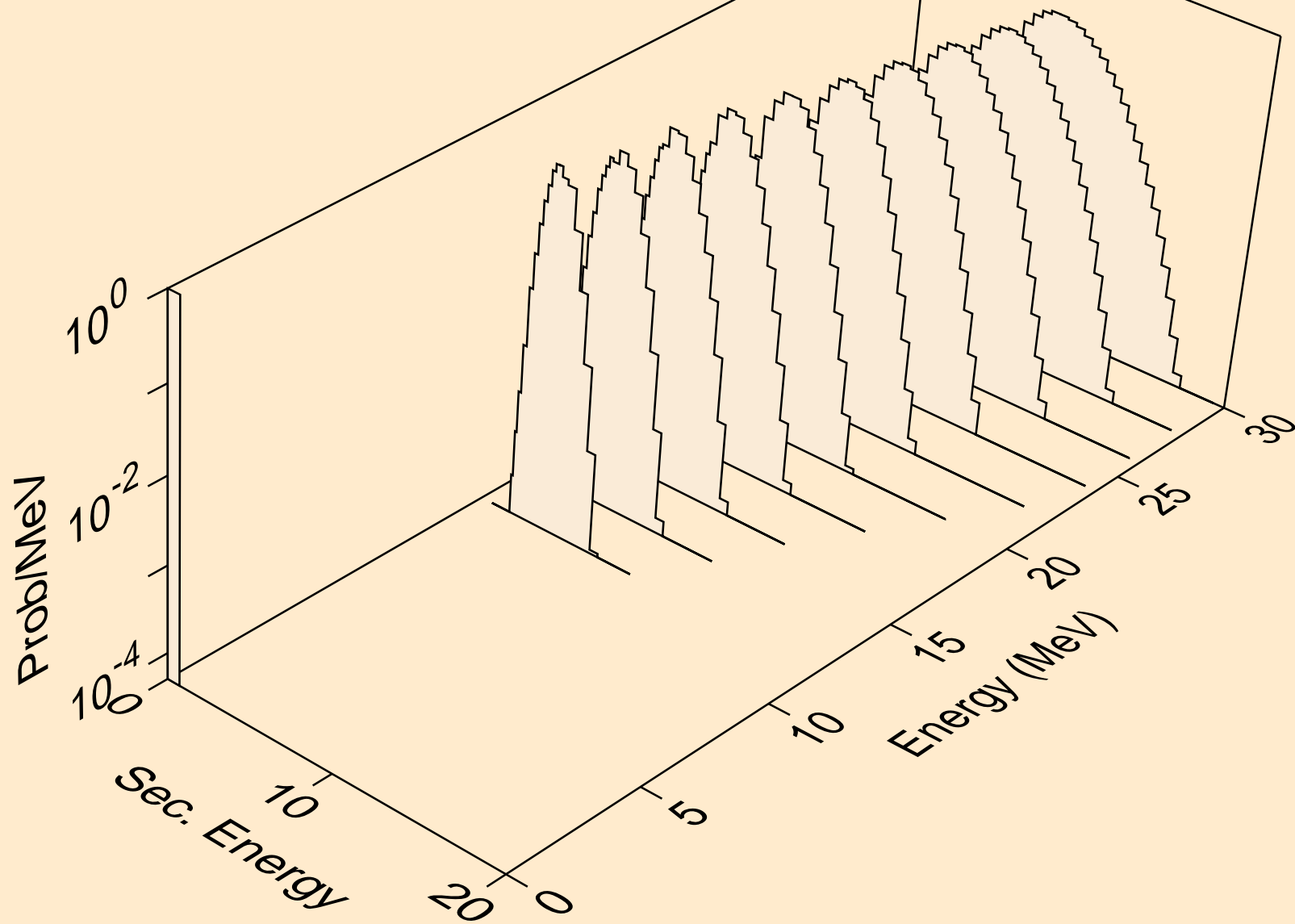
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

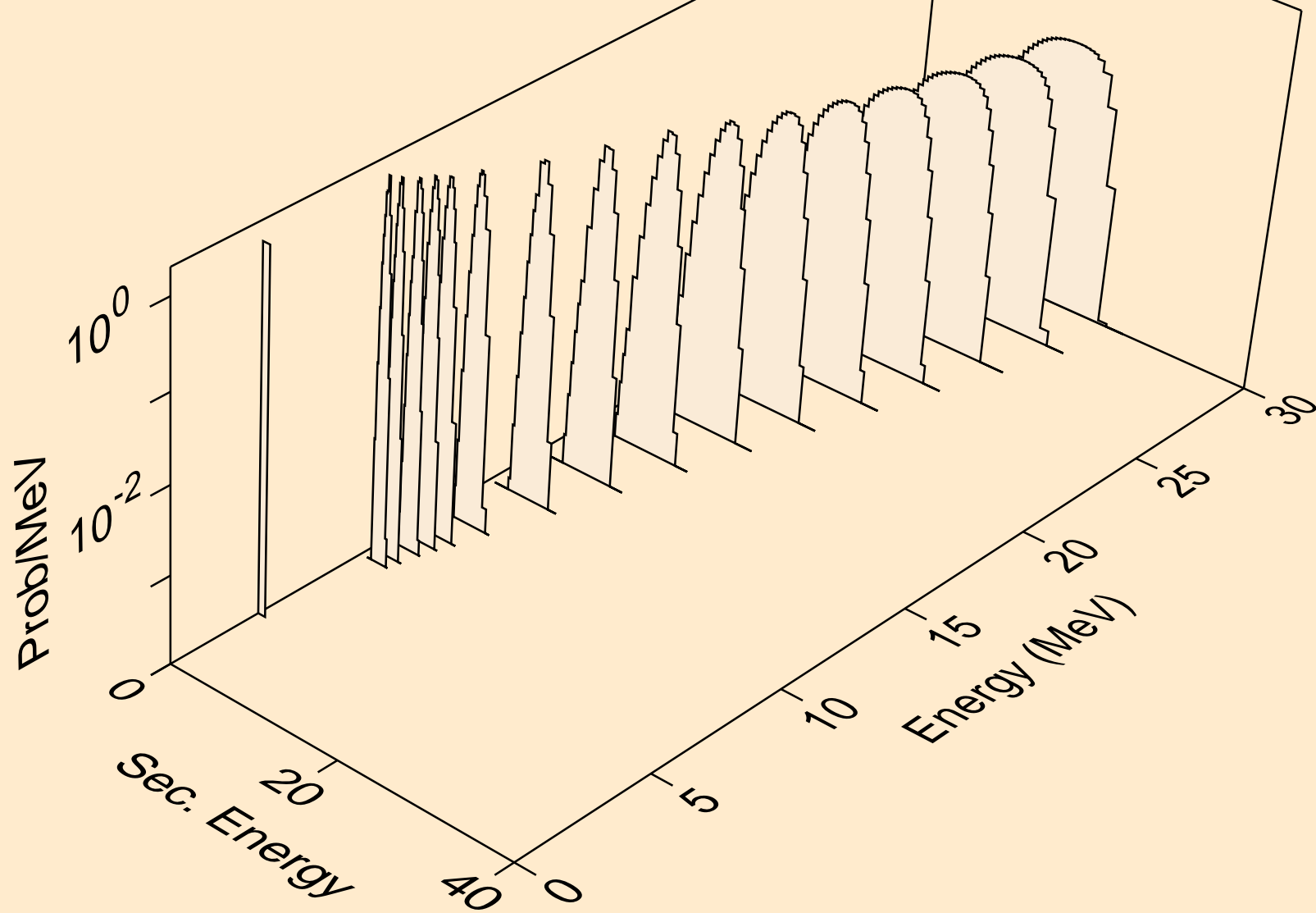


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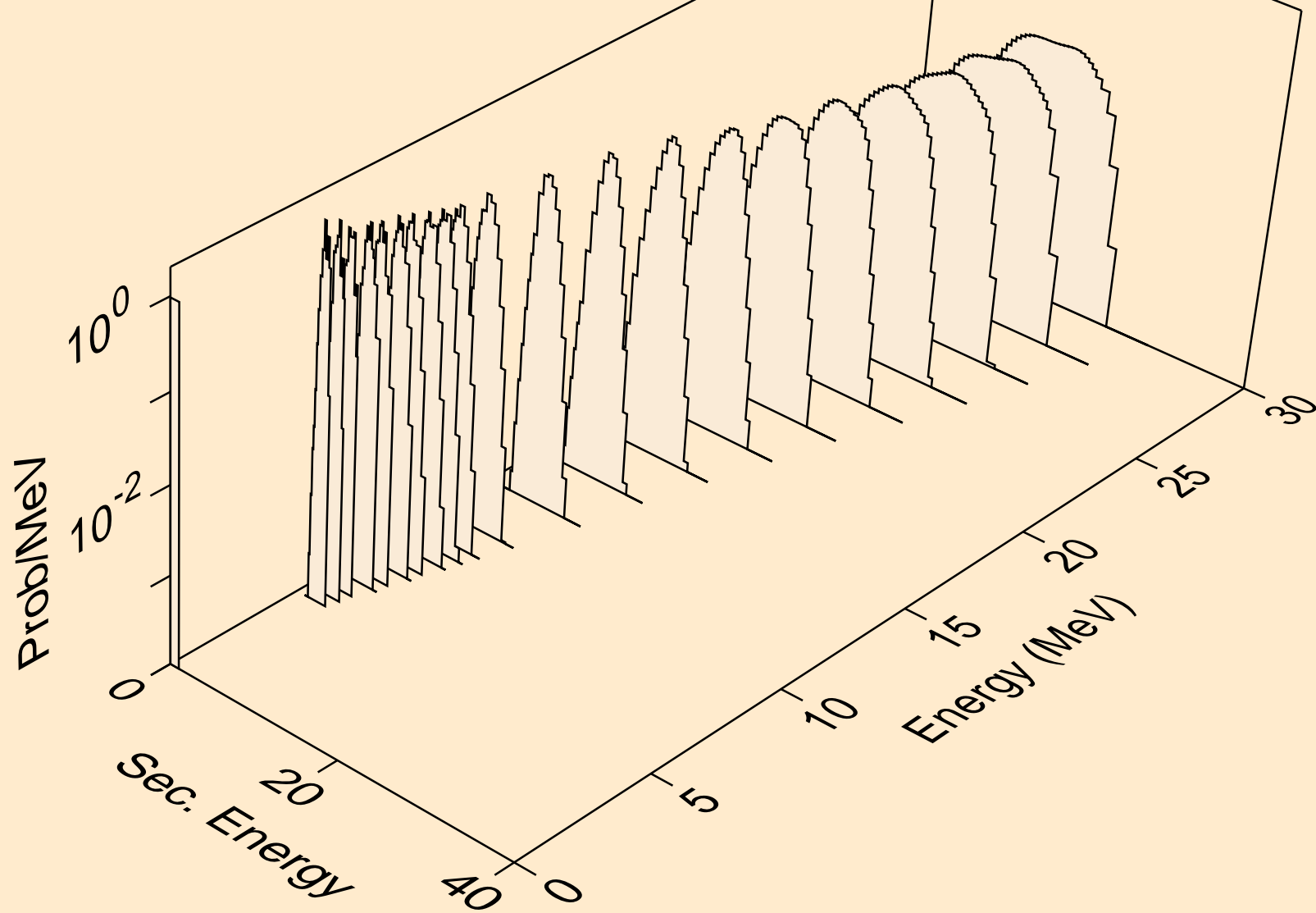




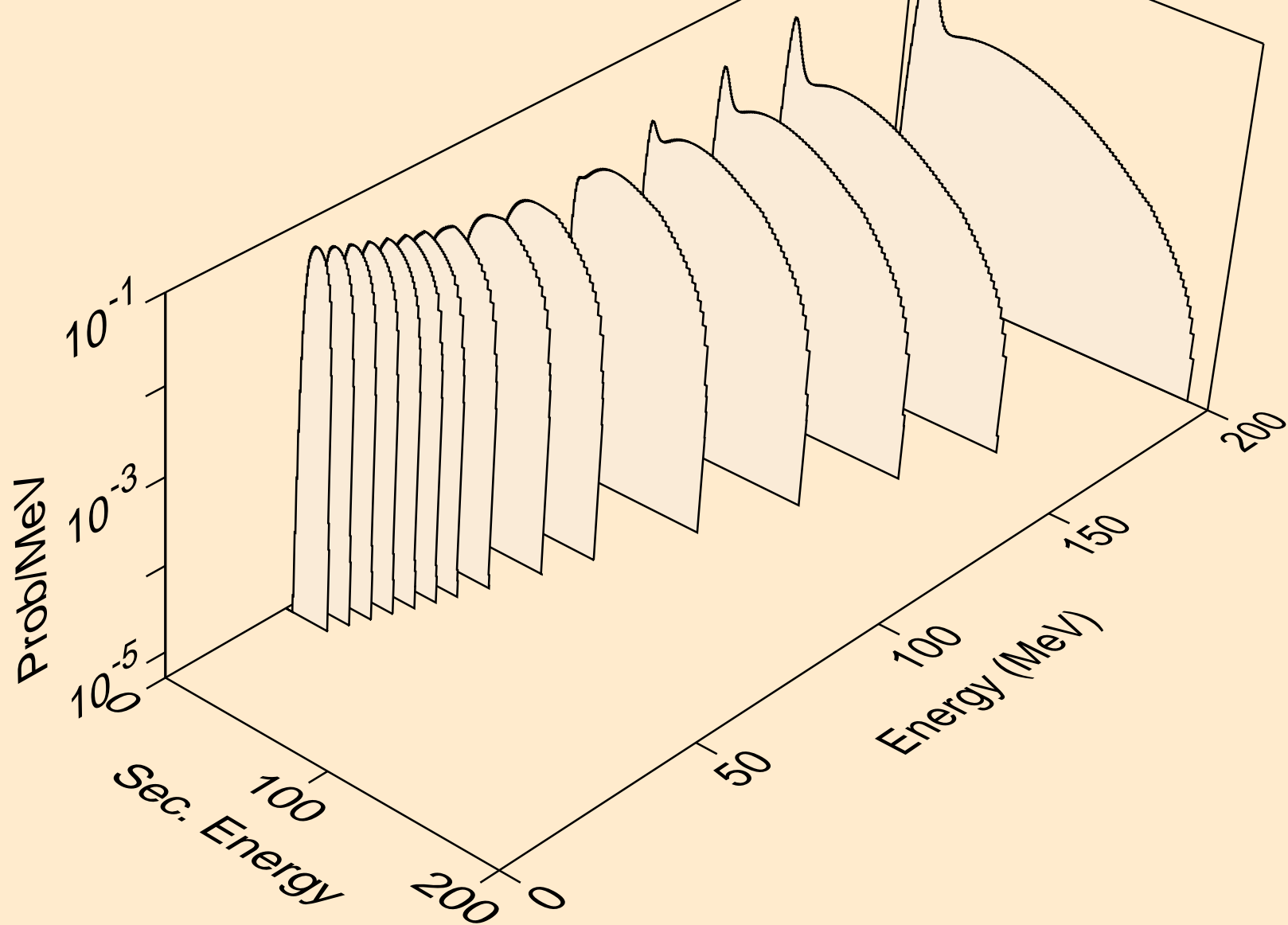
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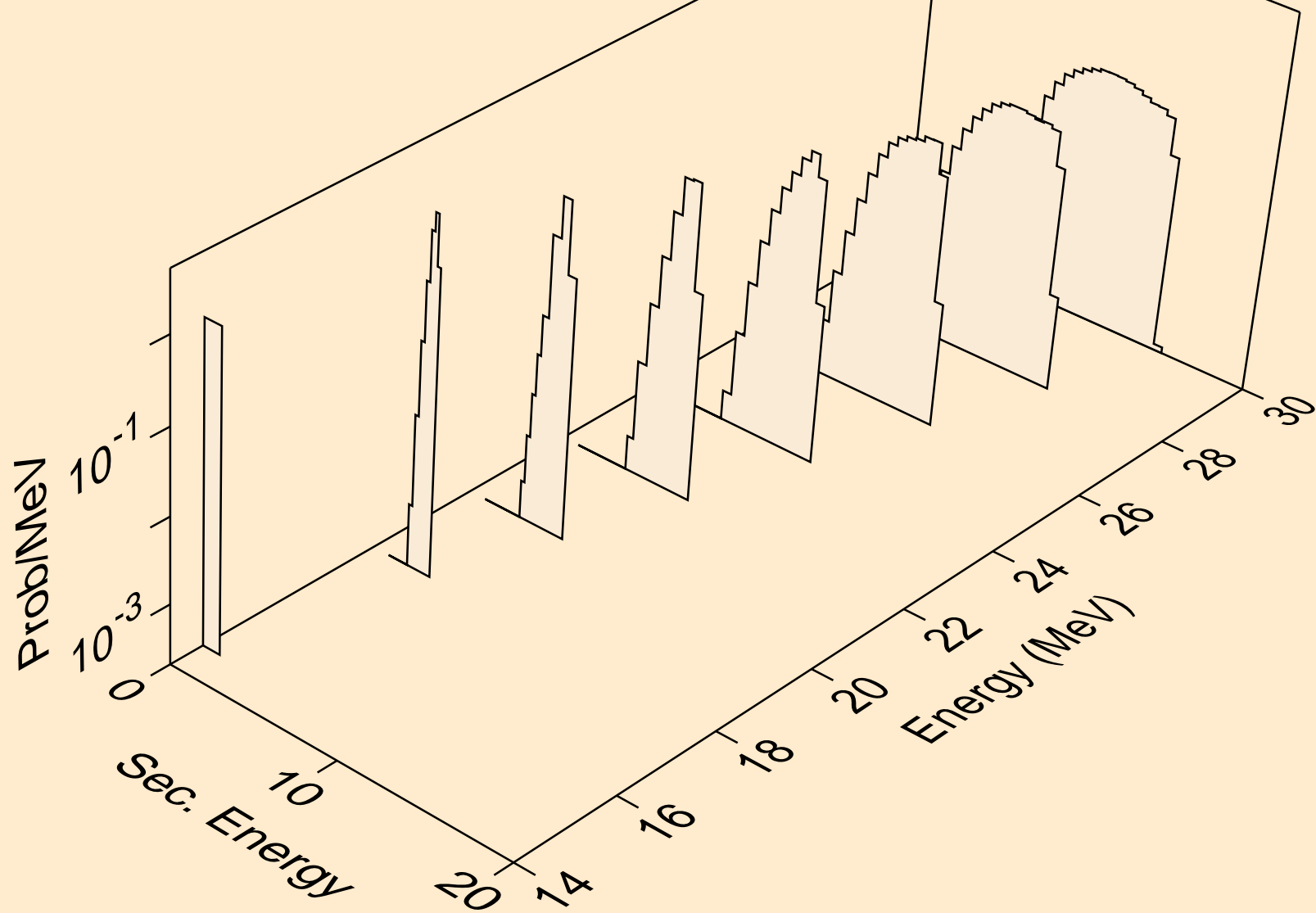
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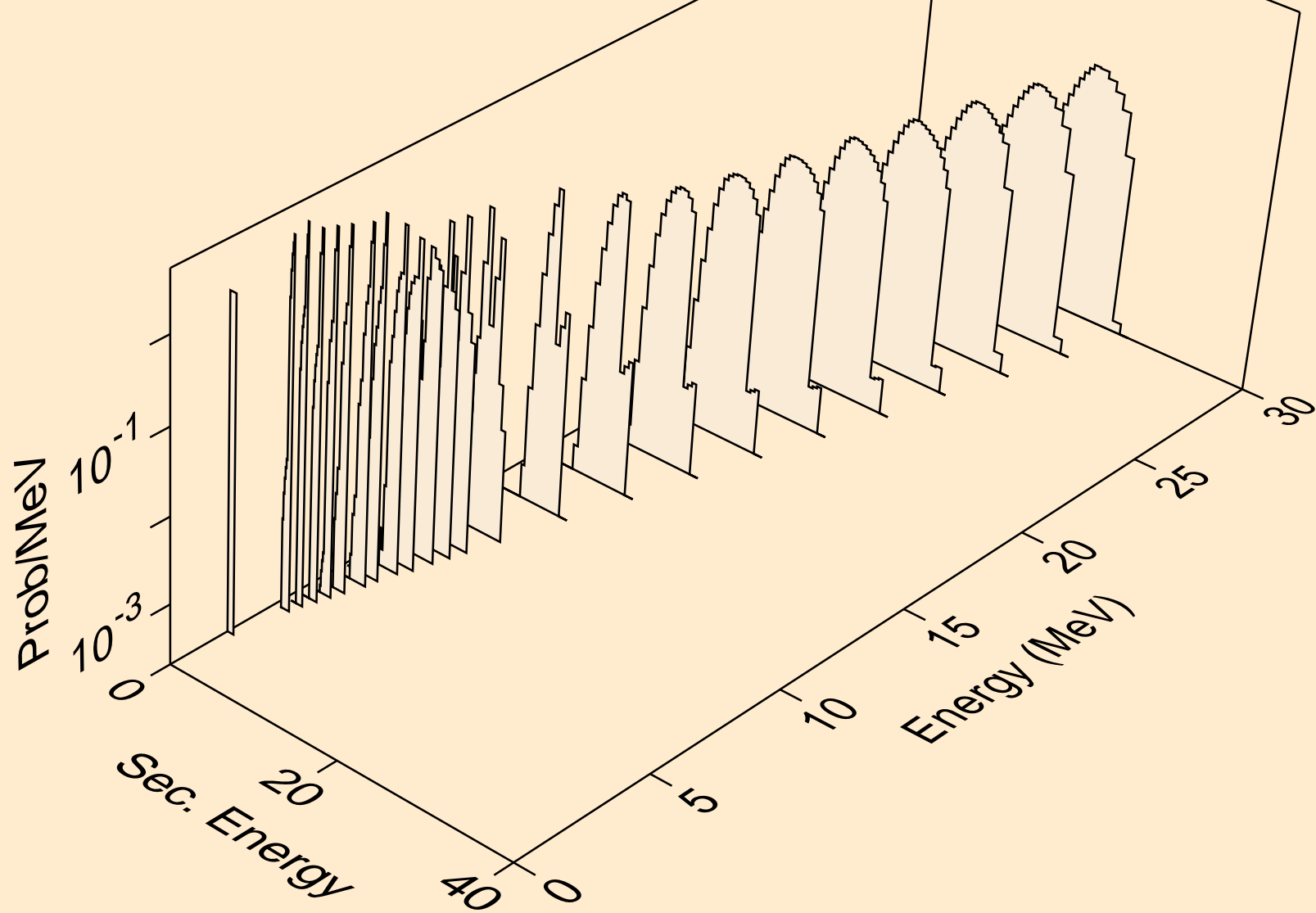
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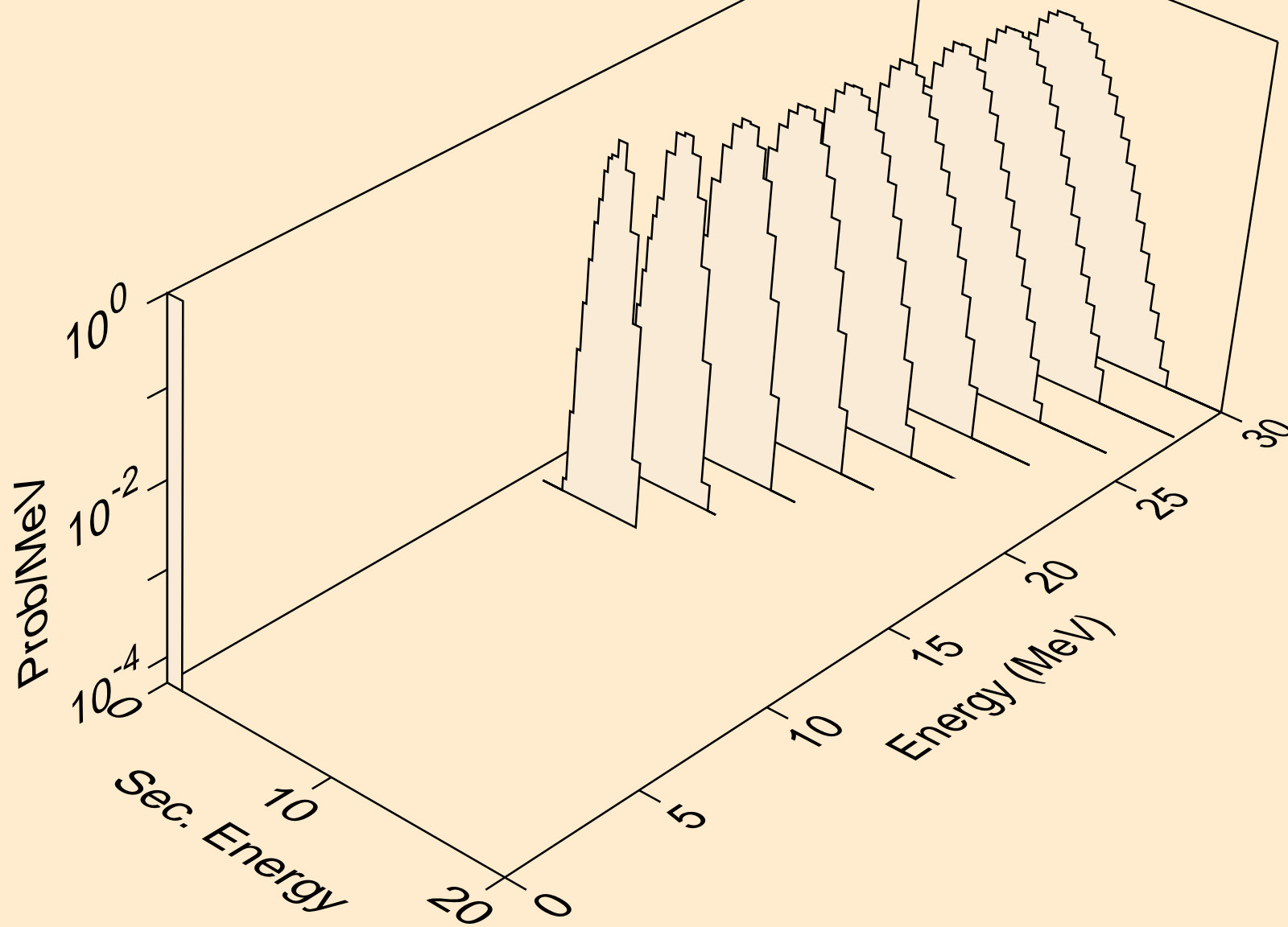
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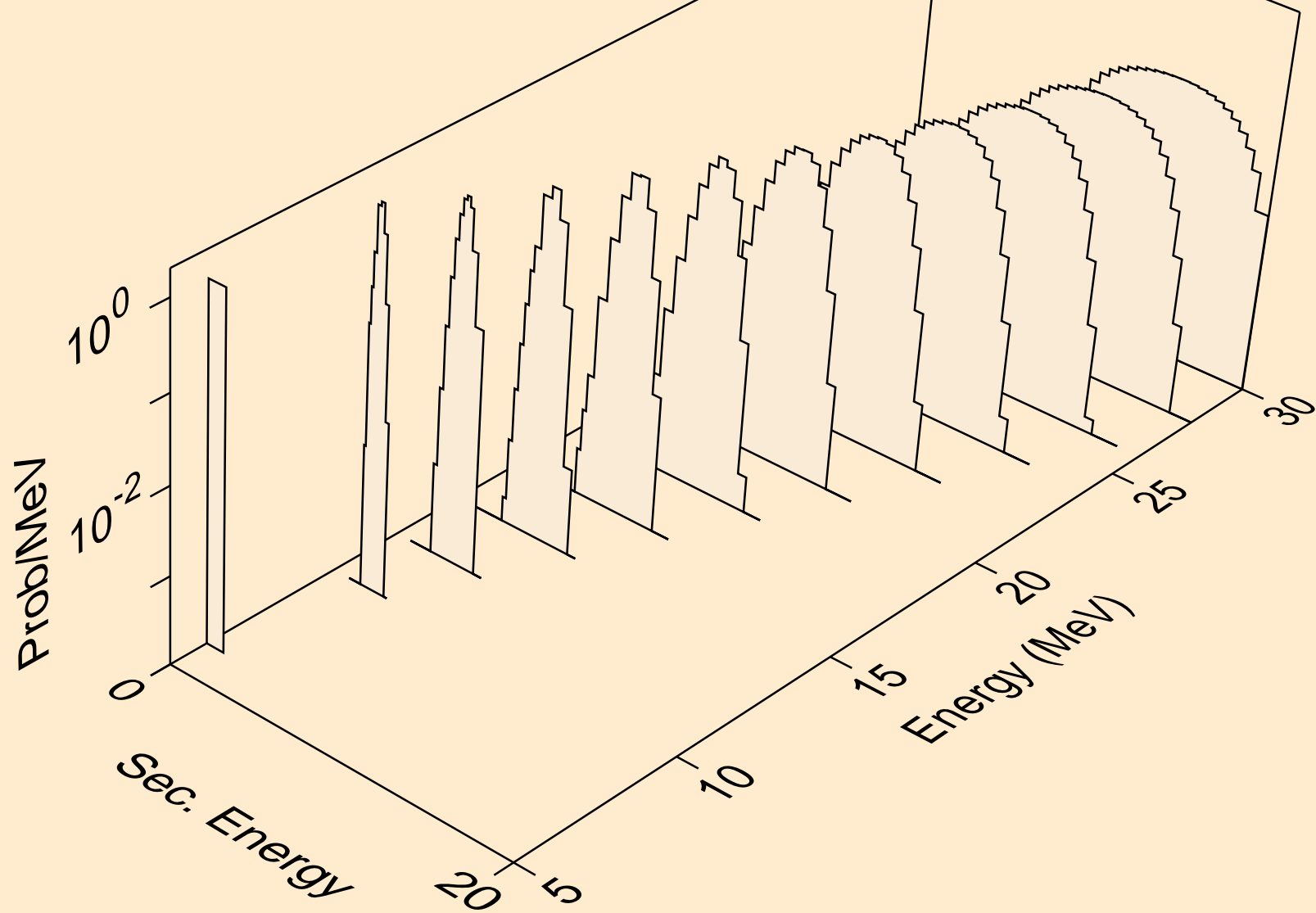
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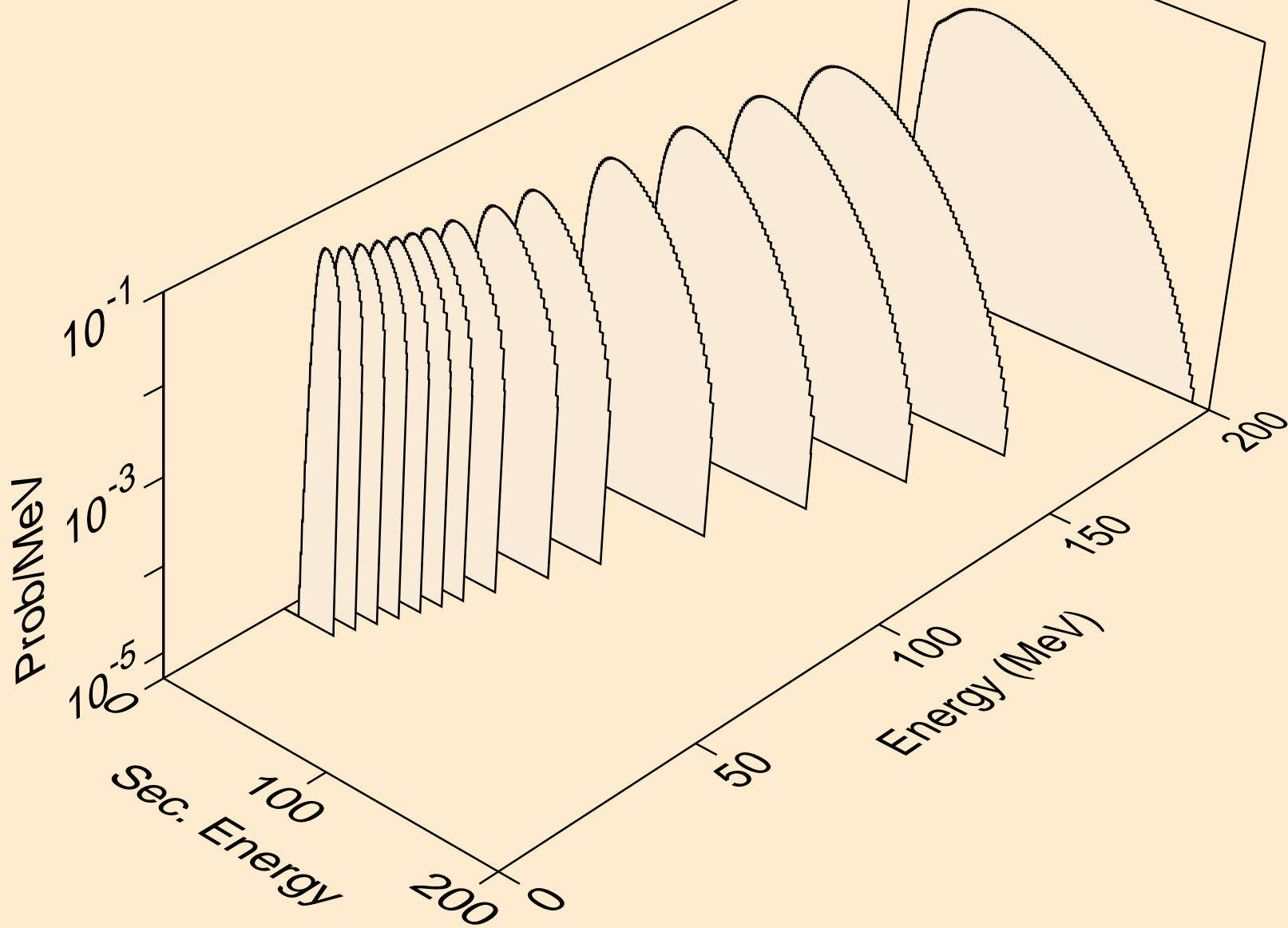
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tritons from (n,t2a)



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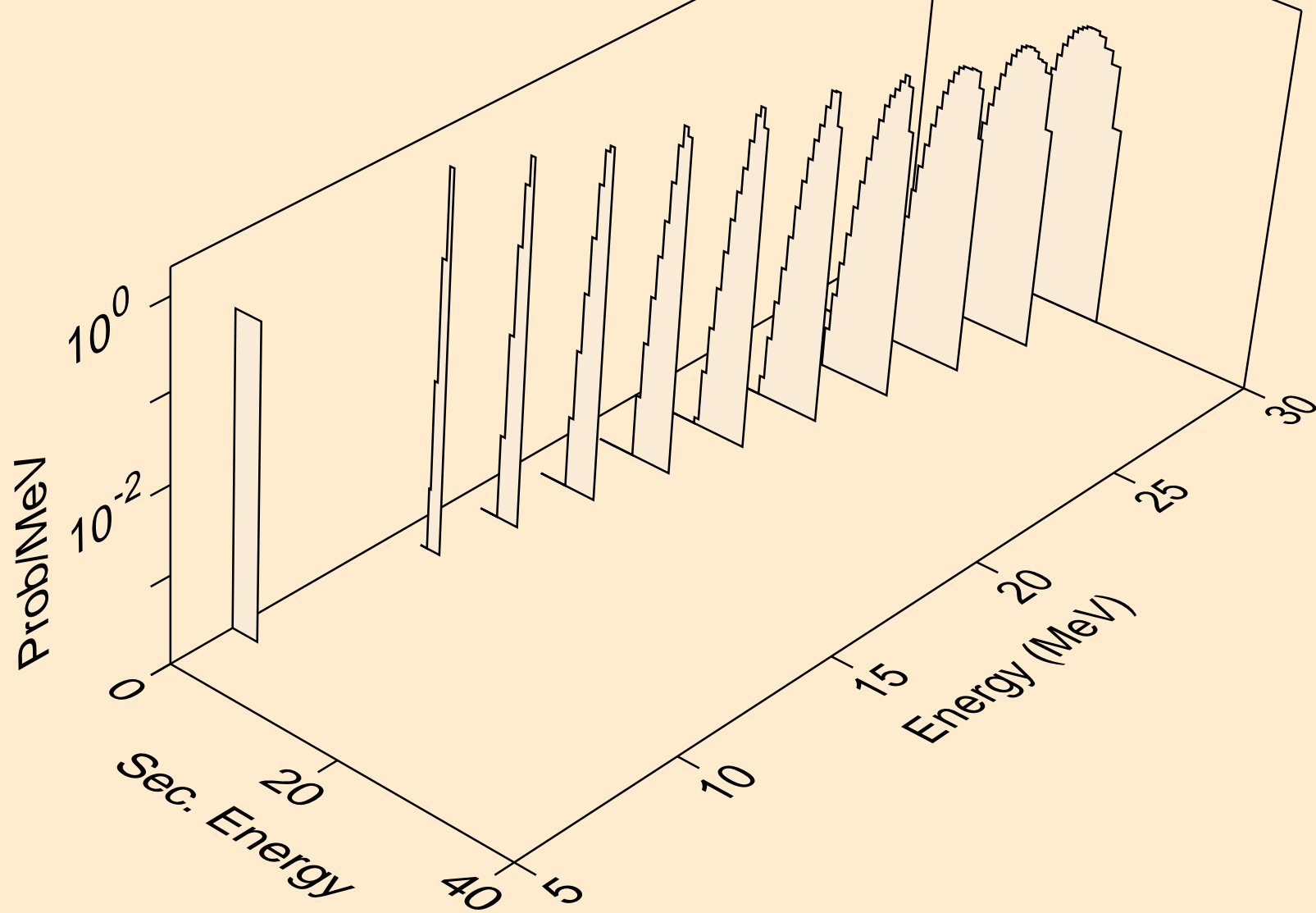


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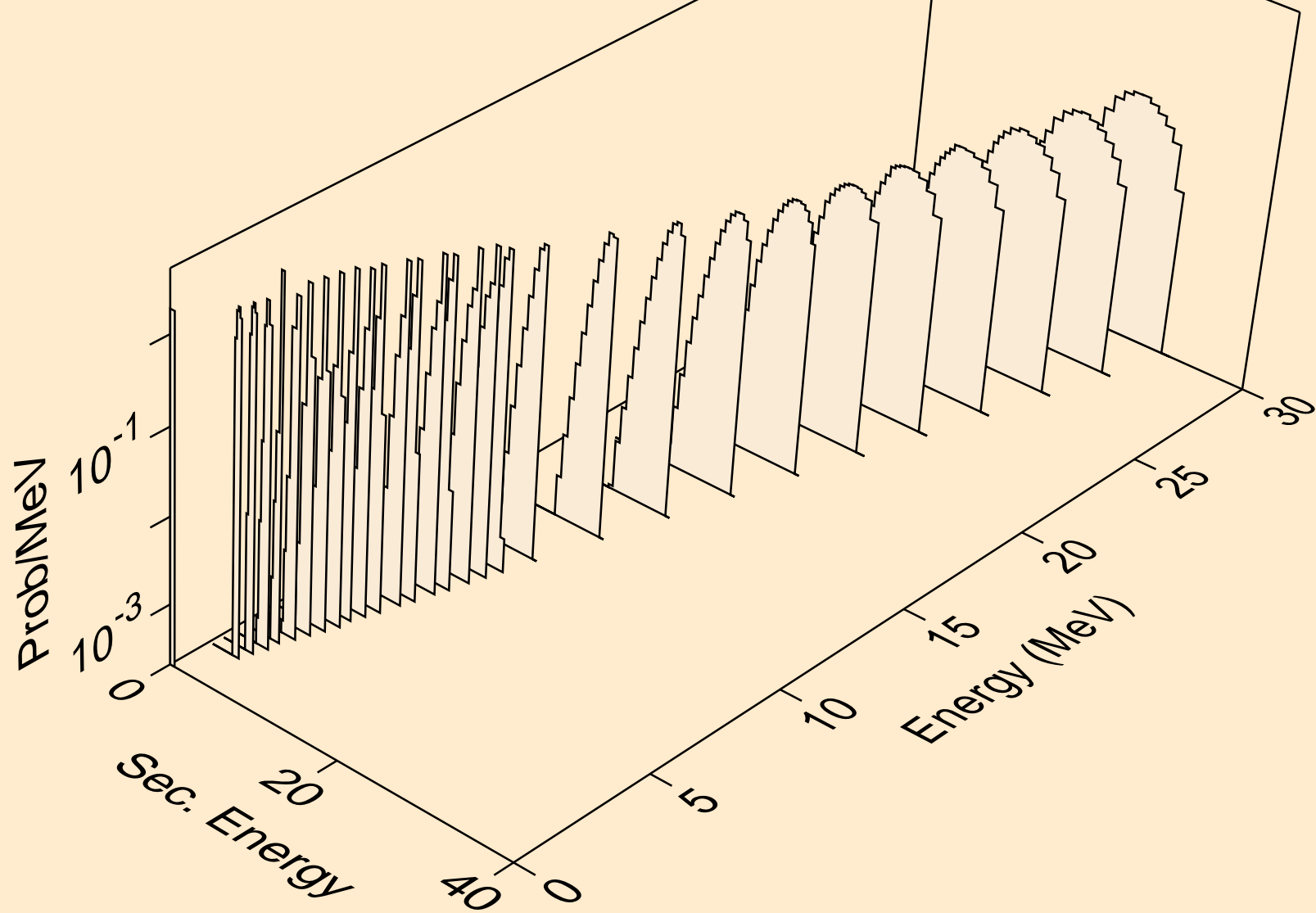




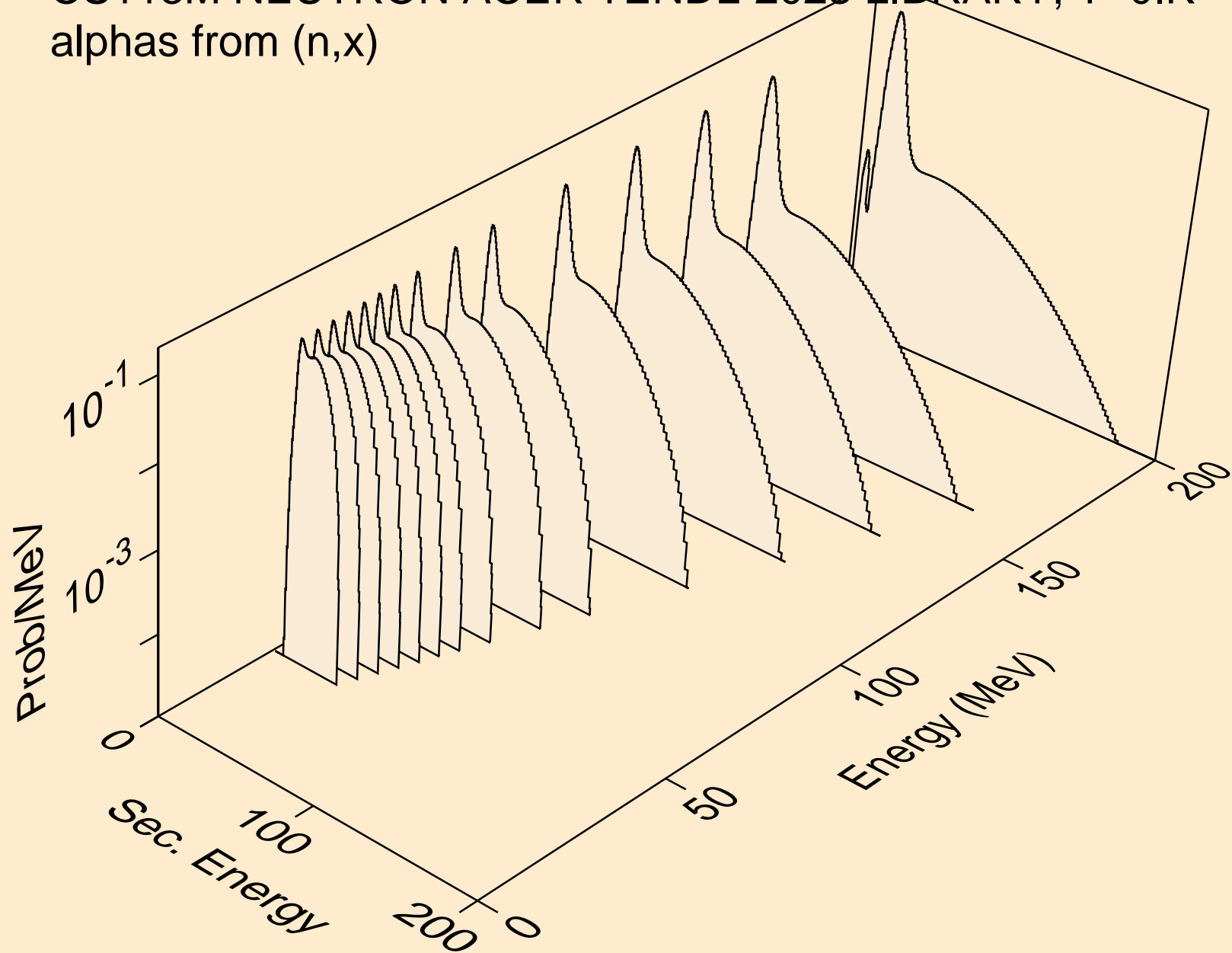
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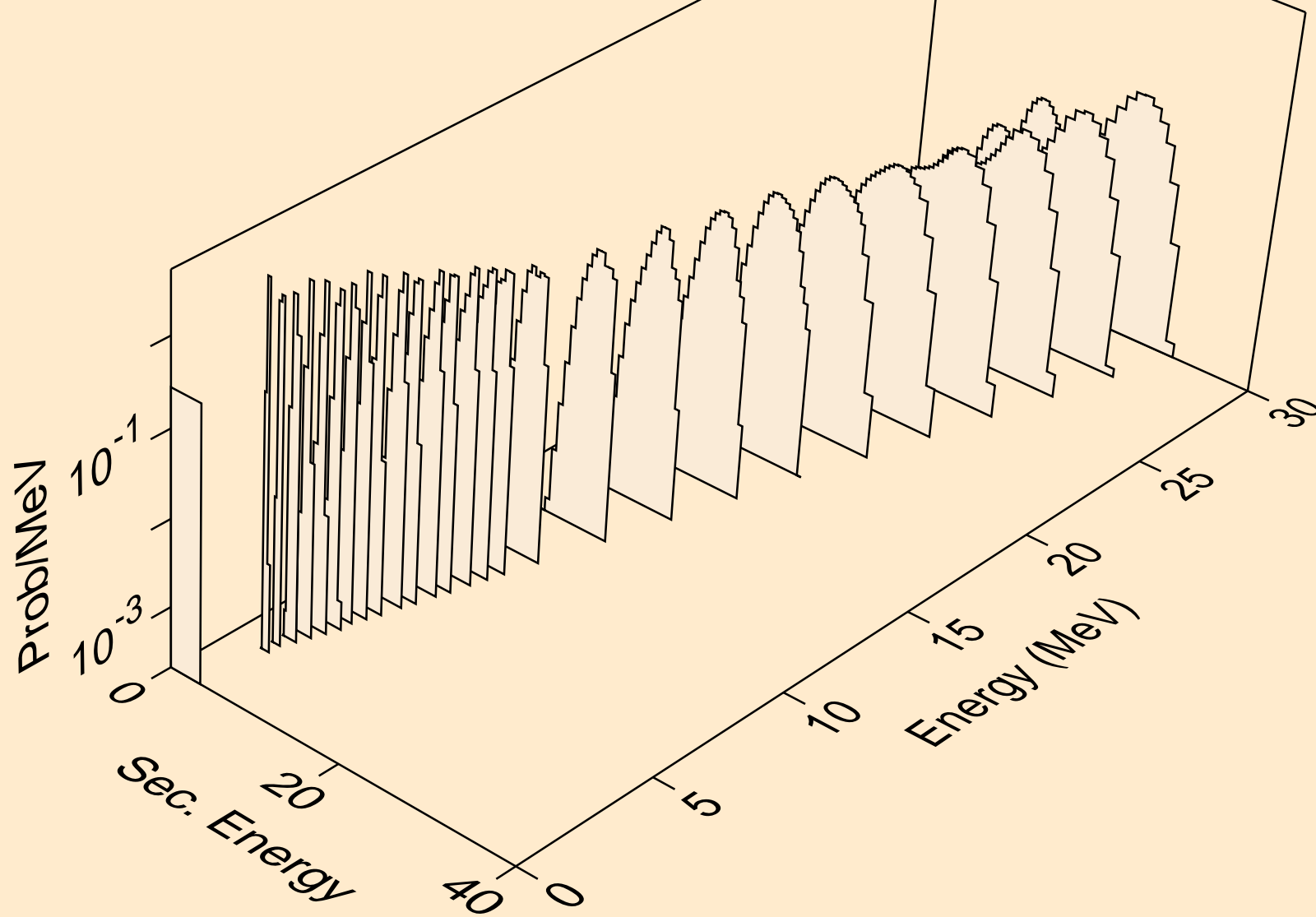
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he3s from (n,he3)



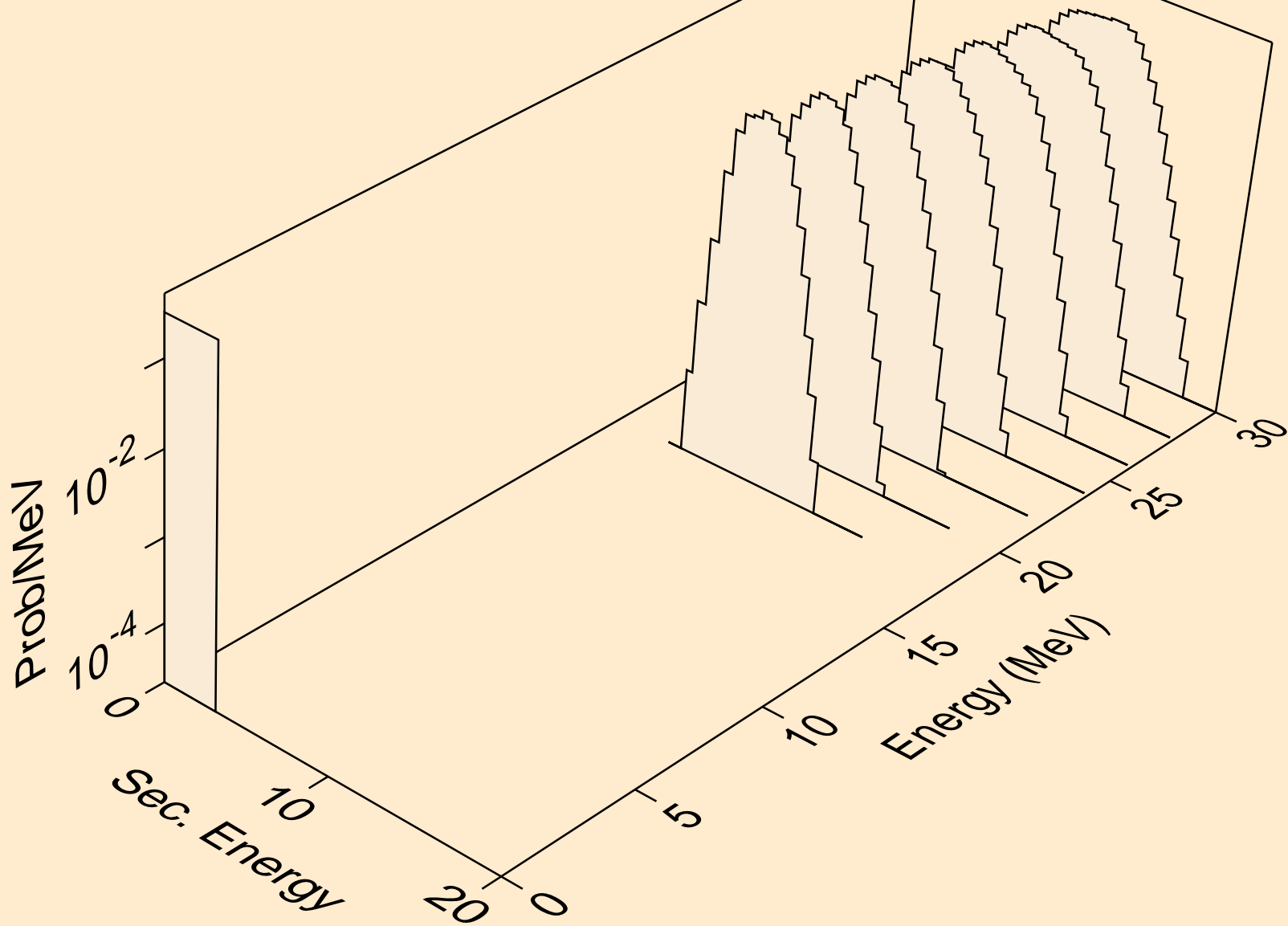
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alphas from (n,x)



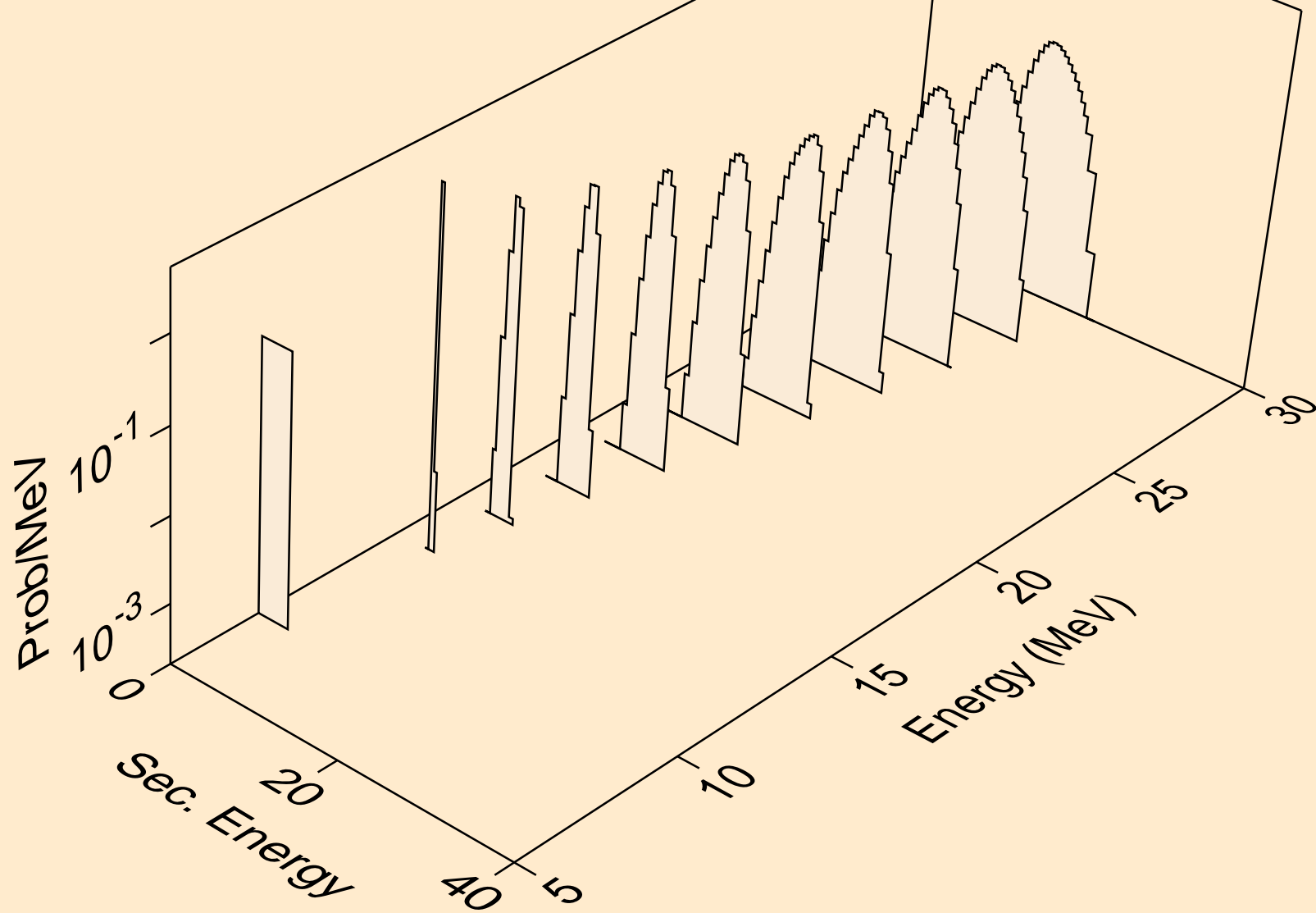
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alphas from (n,n\*)a



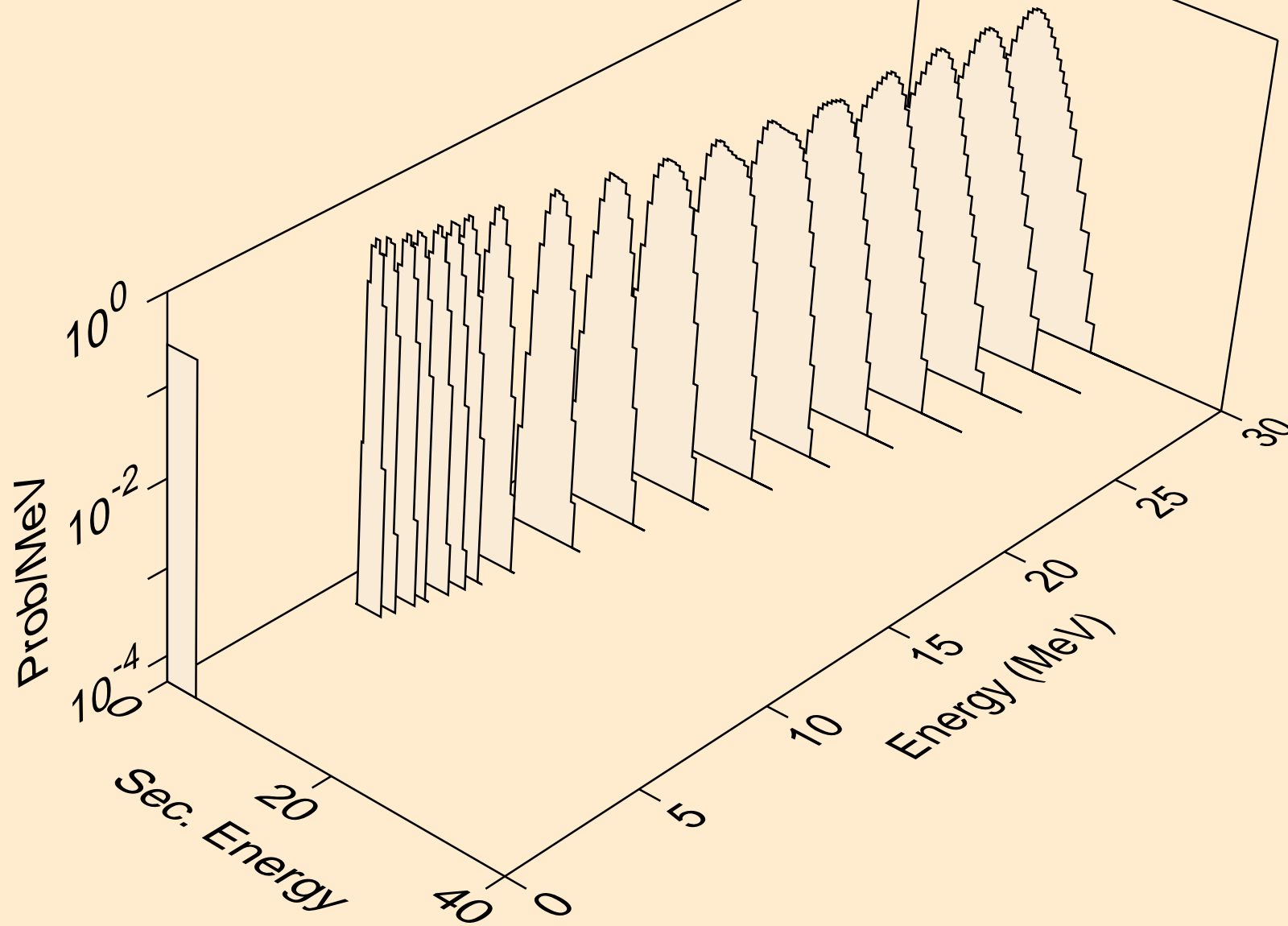
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alphas from (n,n\*)3a



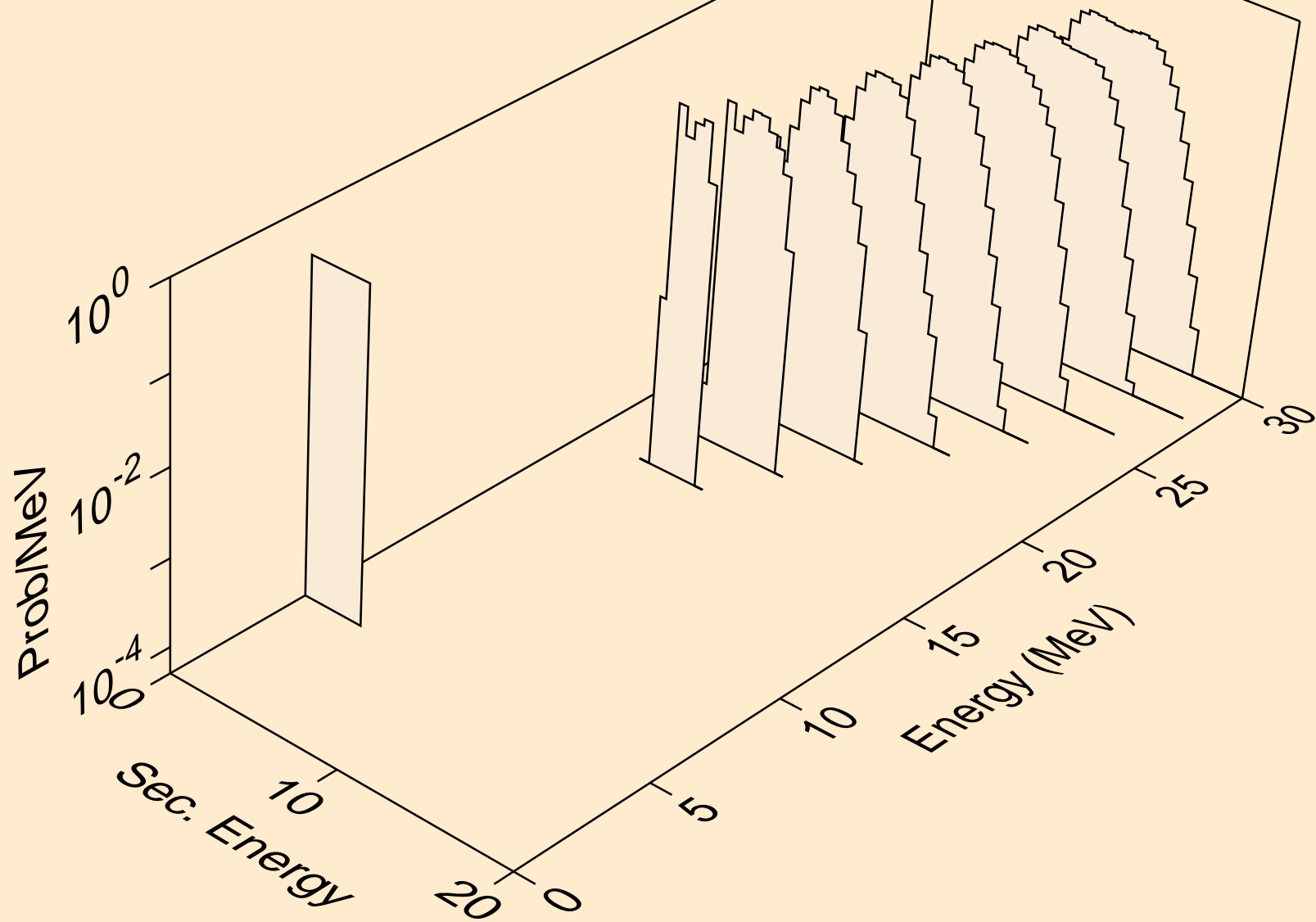
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CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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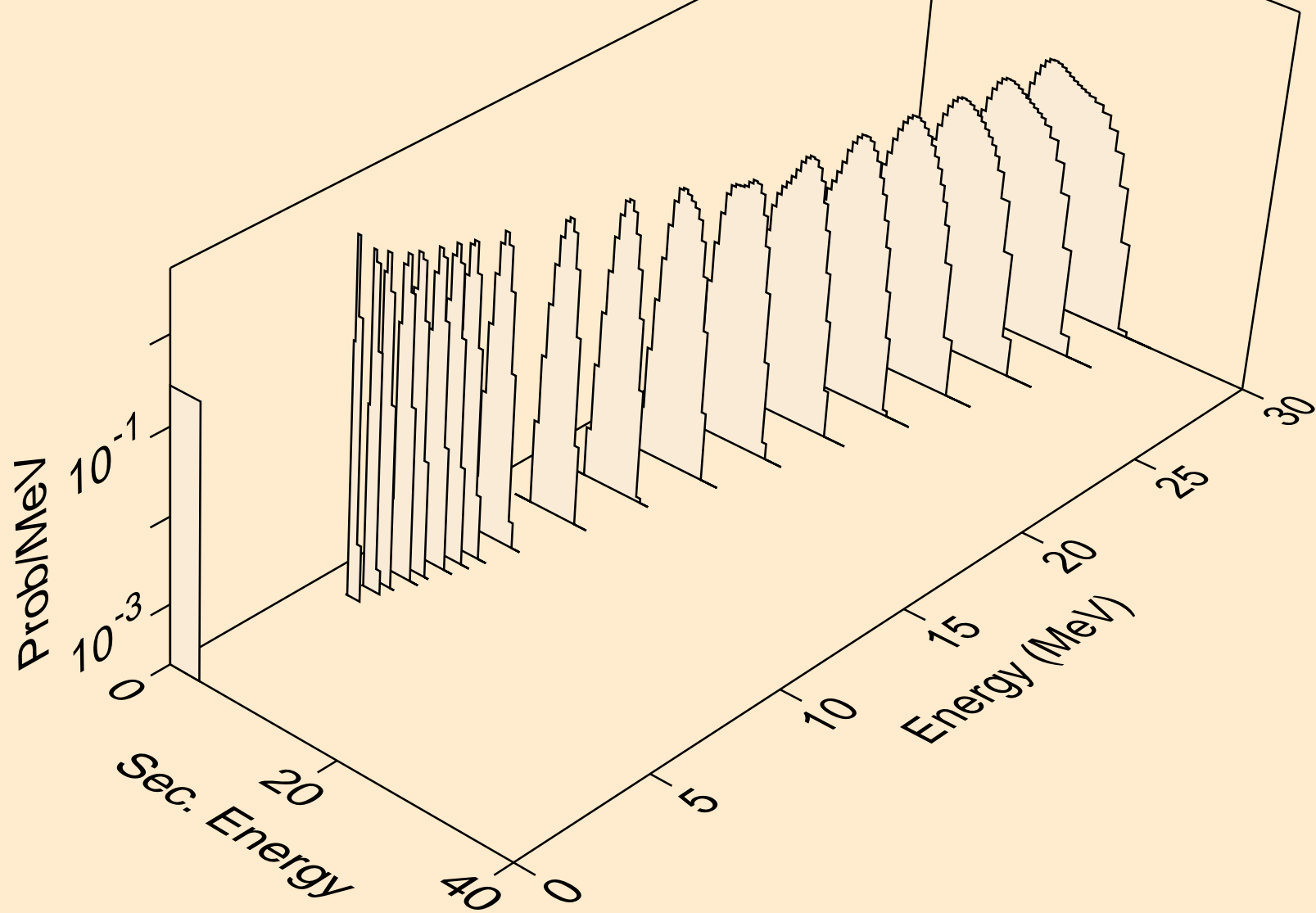


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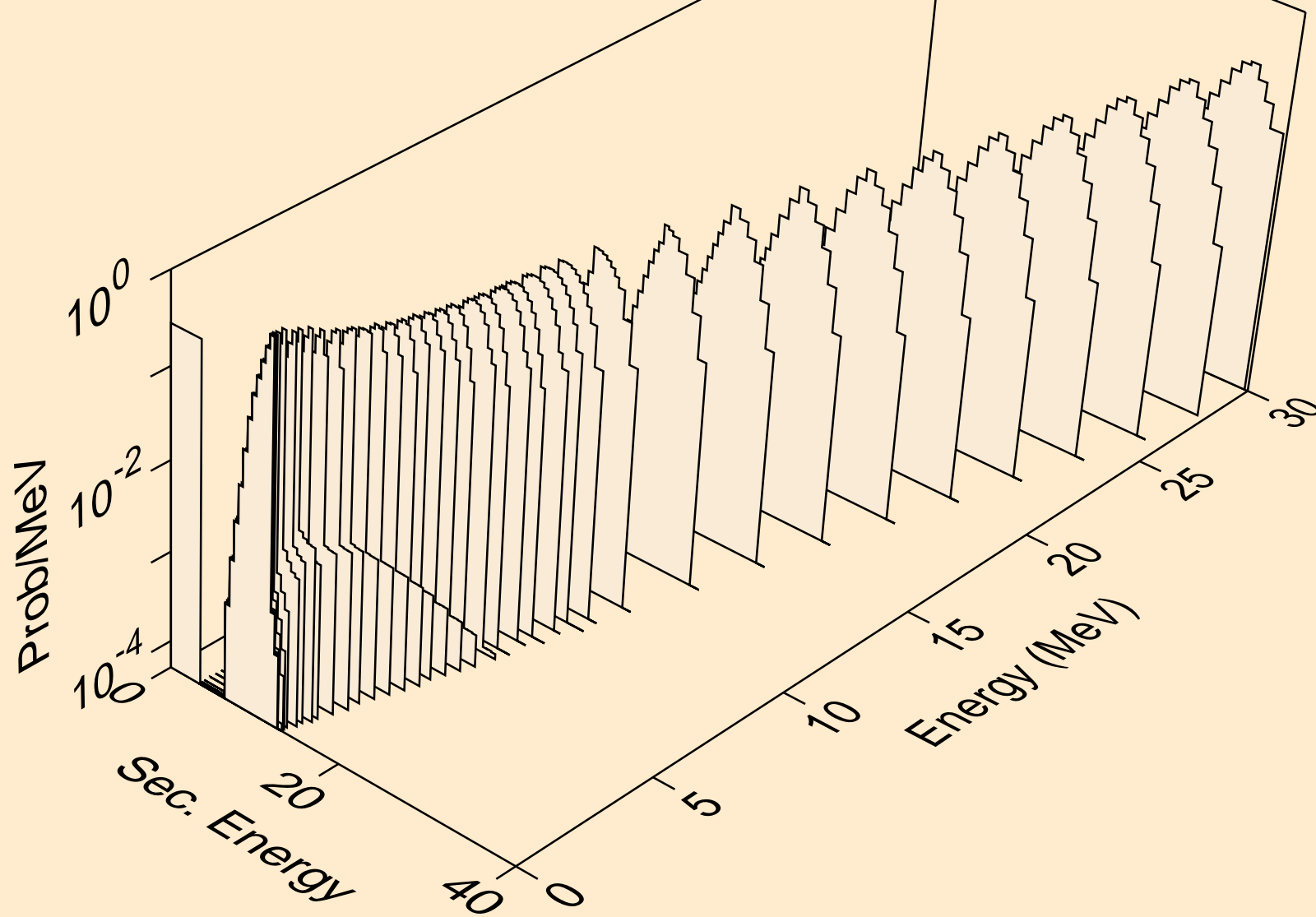




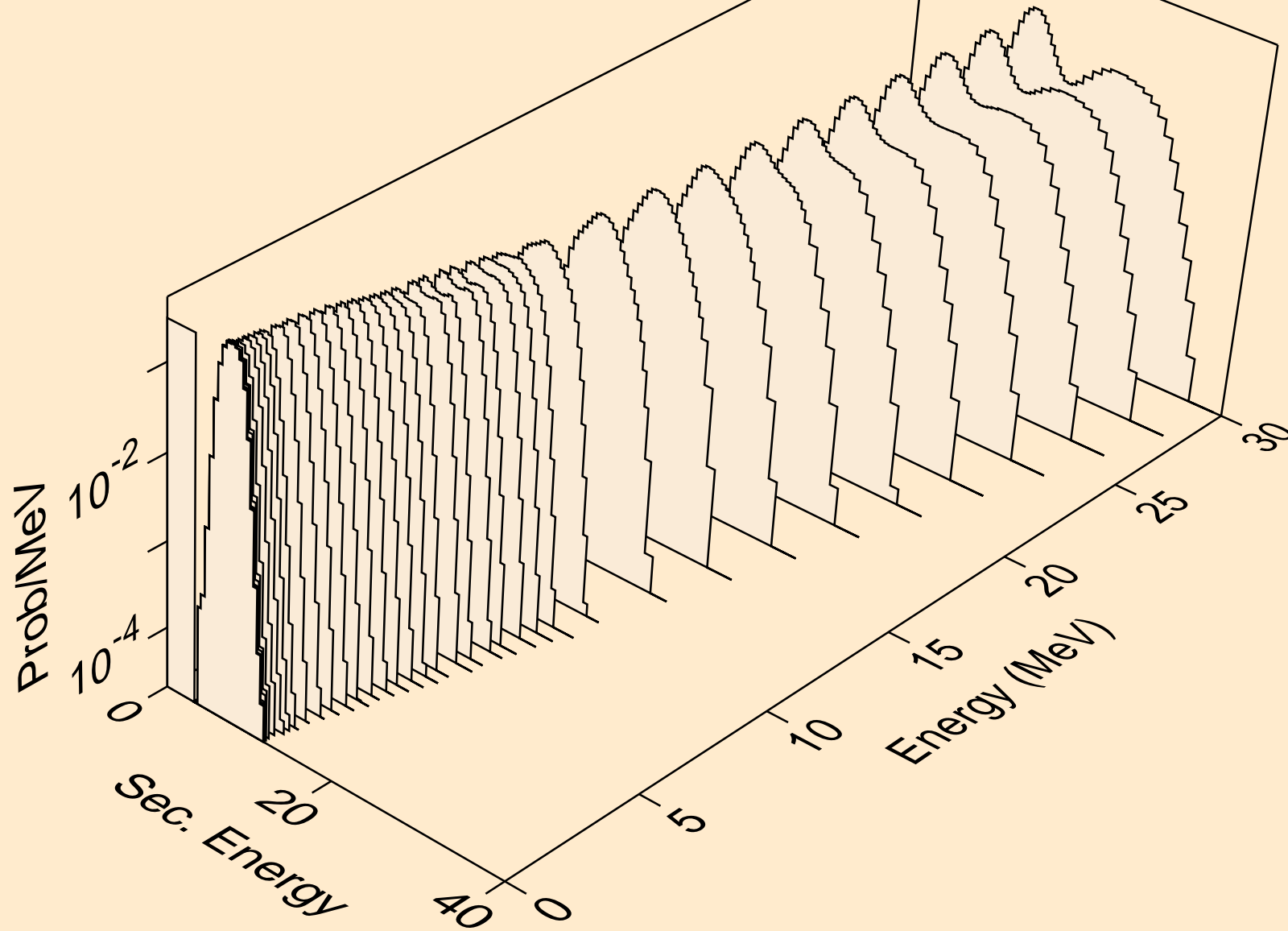
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alphas from (n,npa)



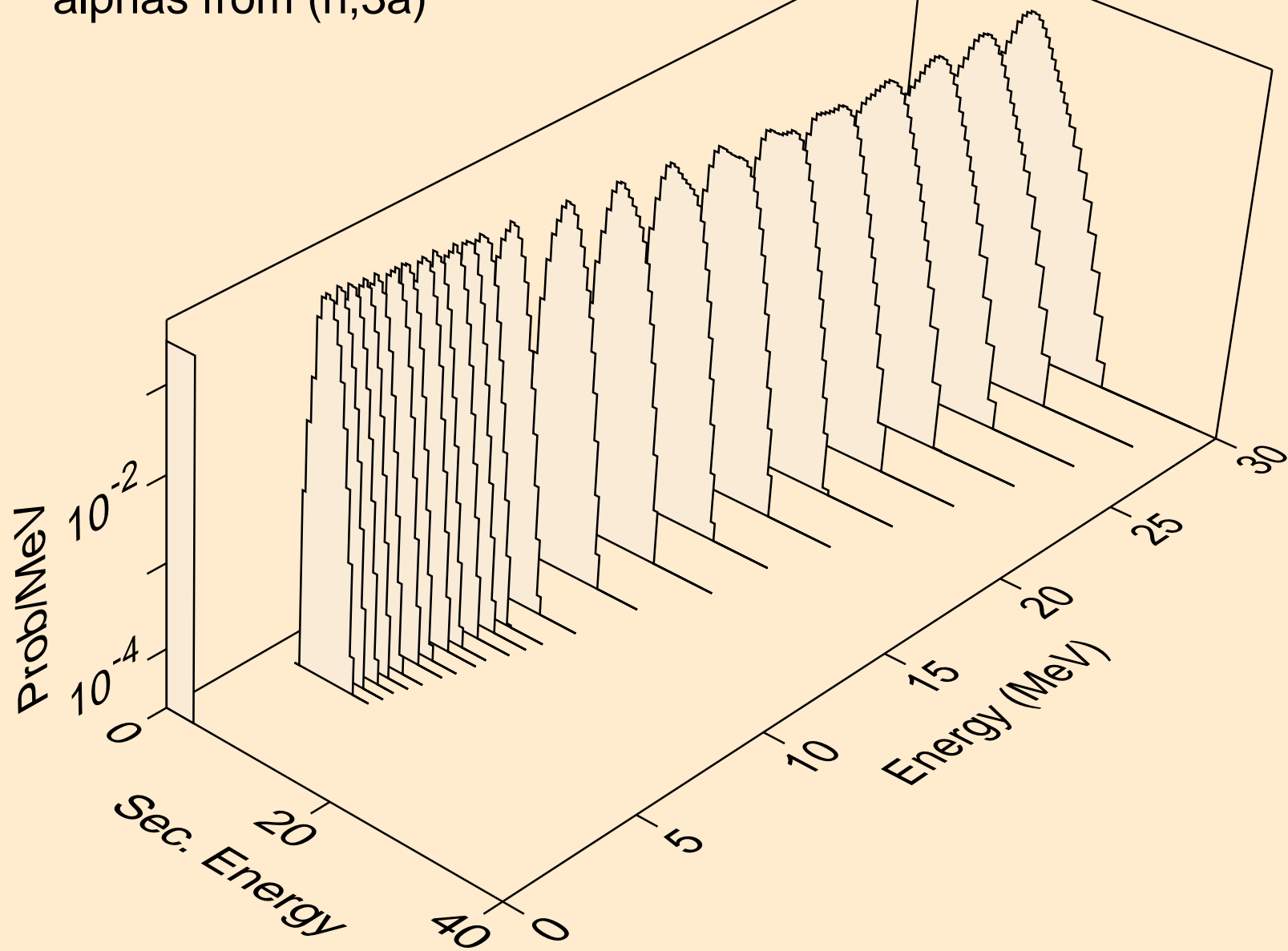
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alphas from (n,a)



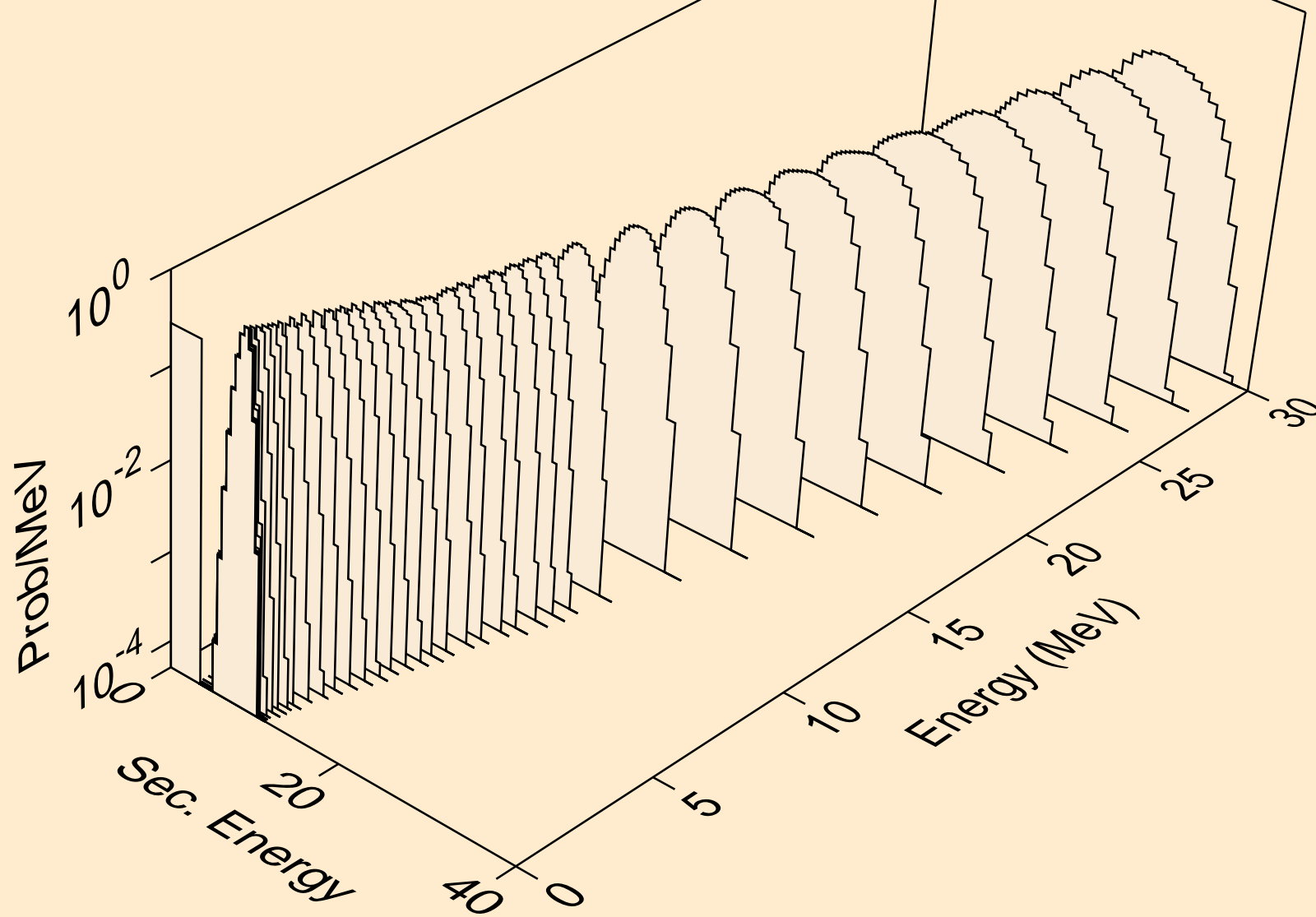
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alphas from (n,2a)



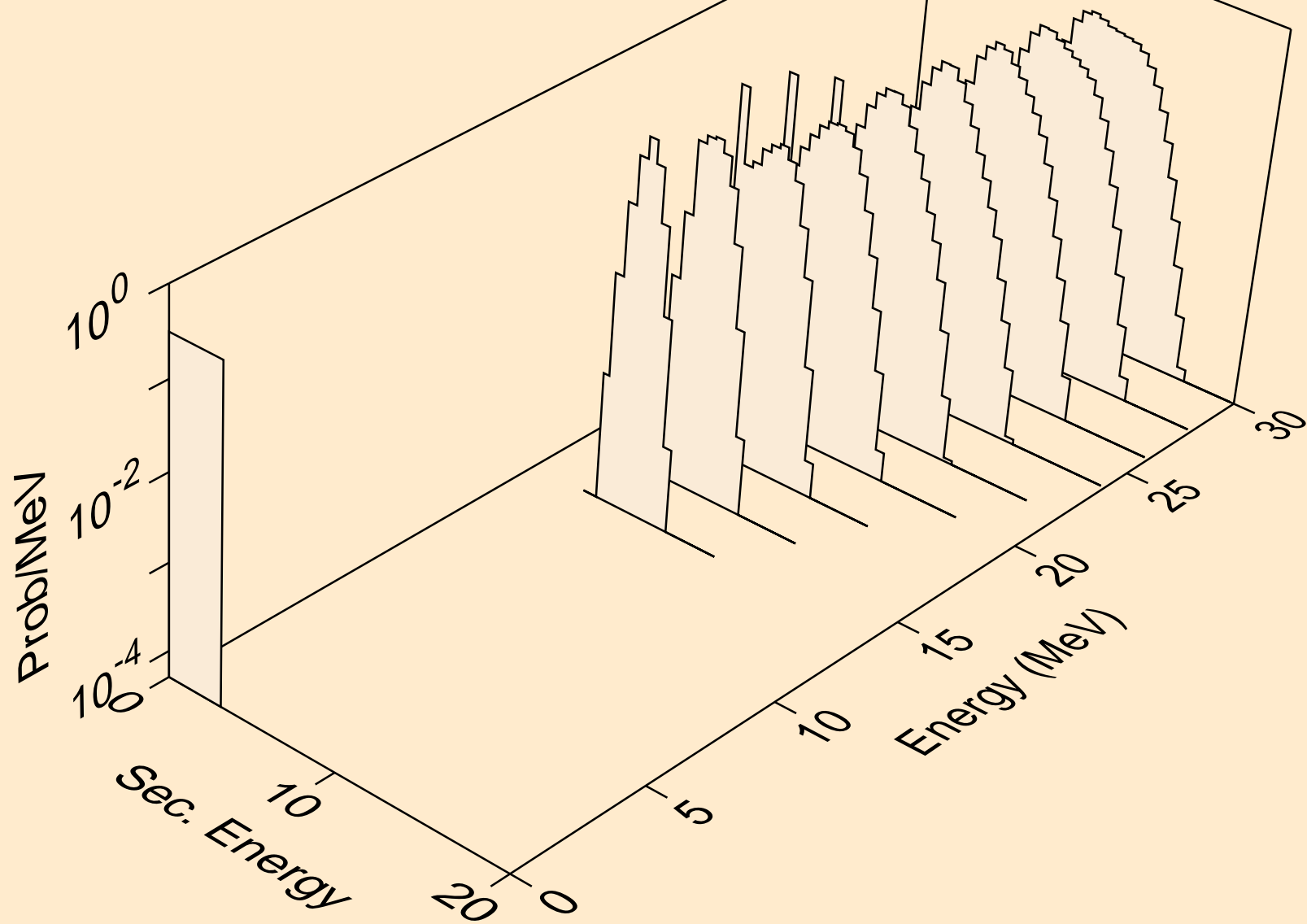
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alphas from (n,3a)



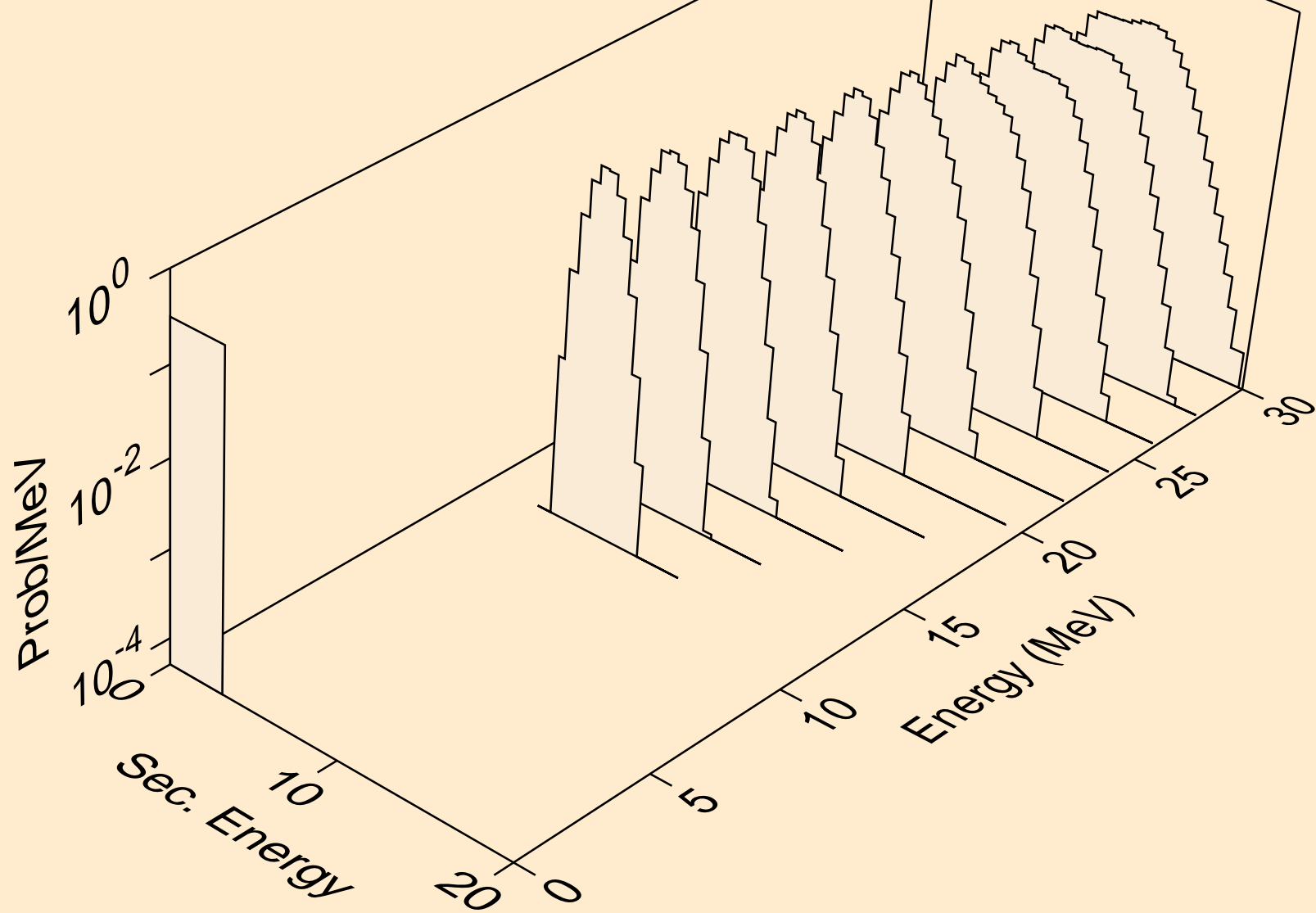
CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,t2a)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



CS118M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

