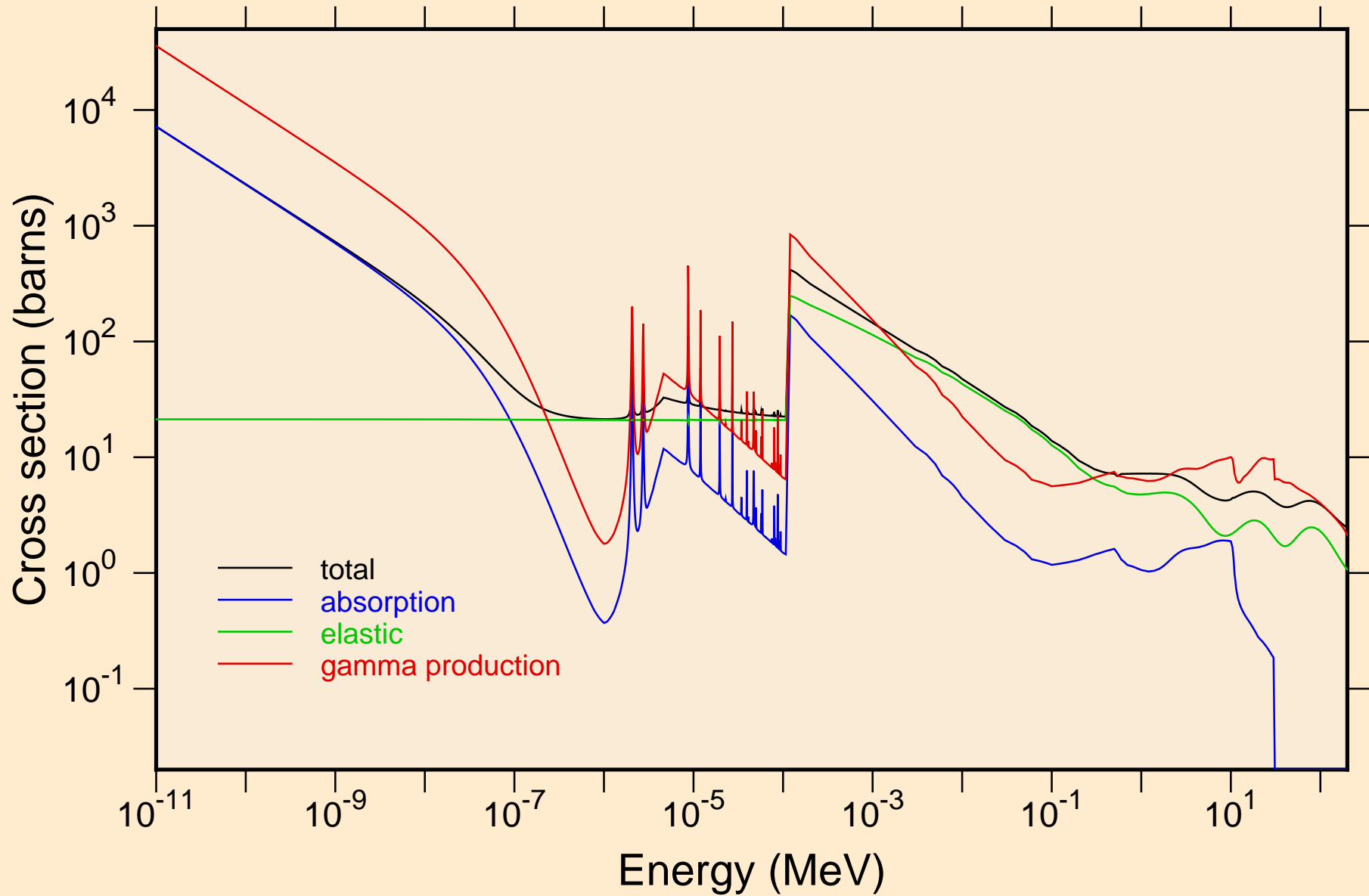
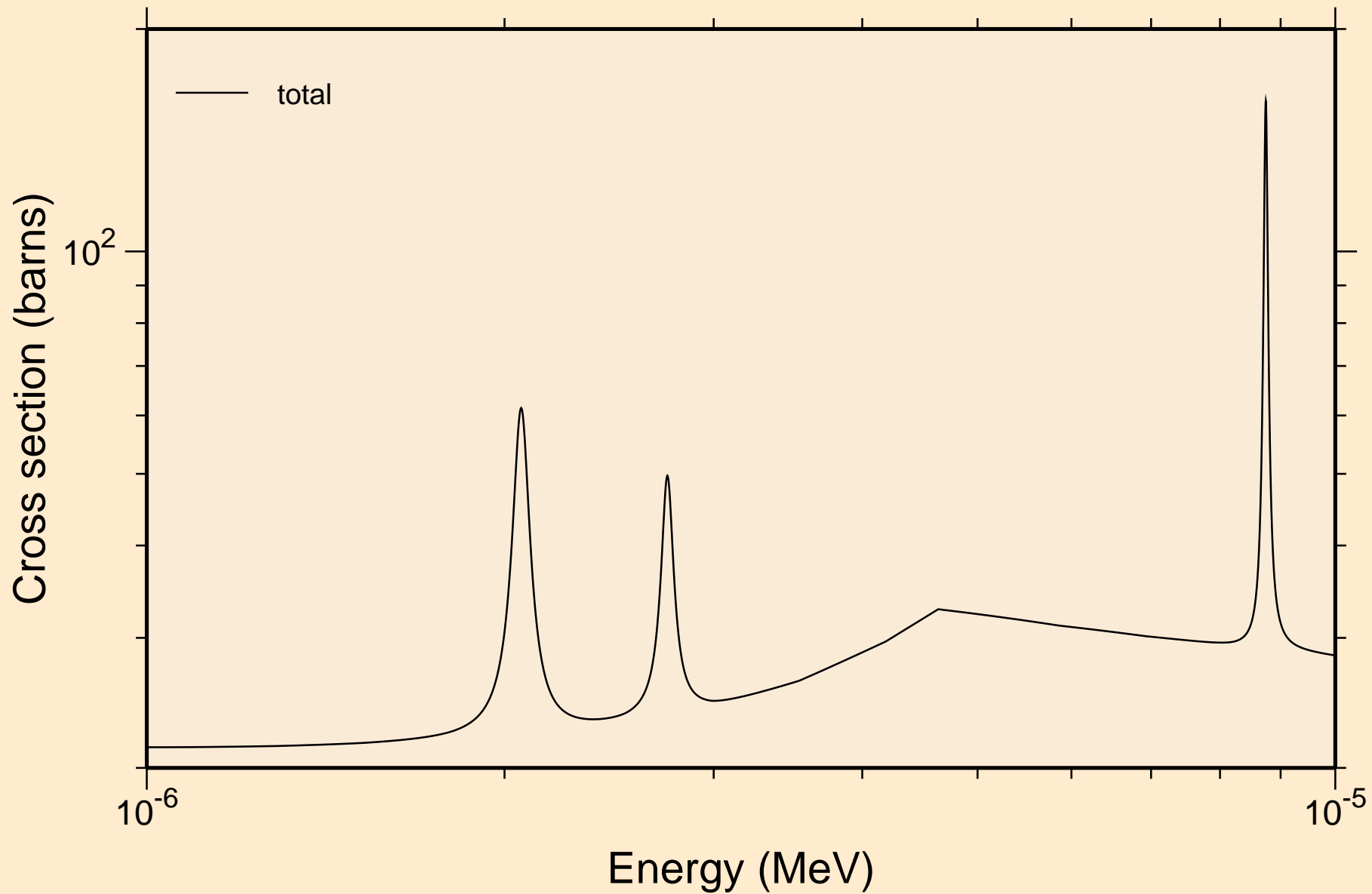


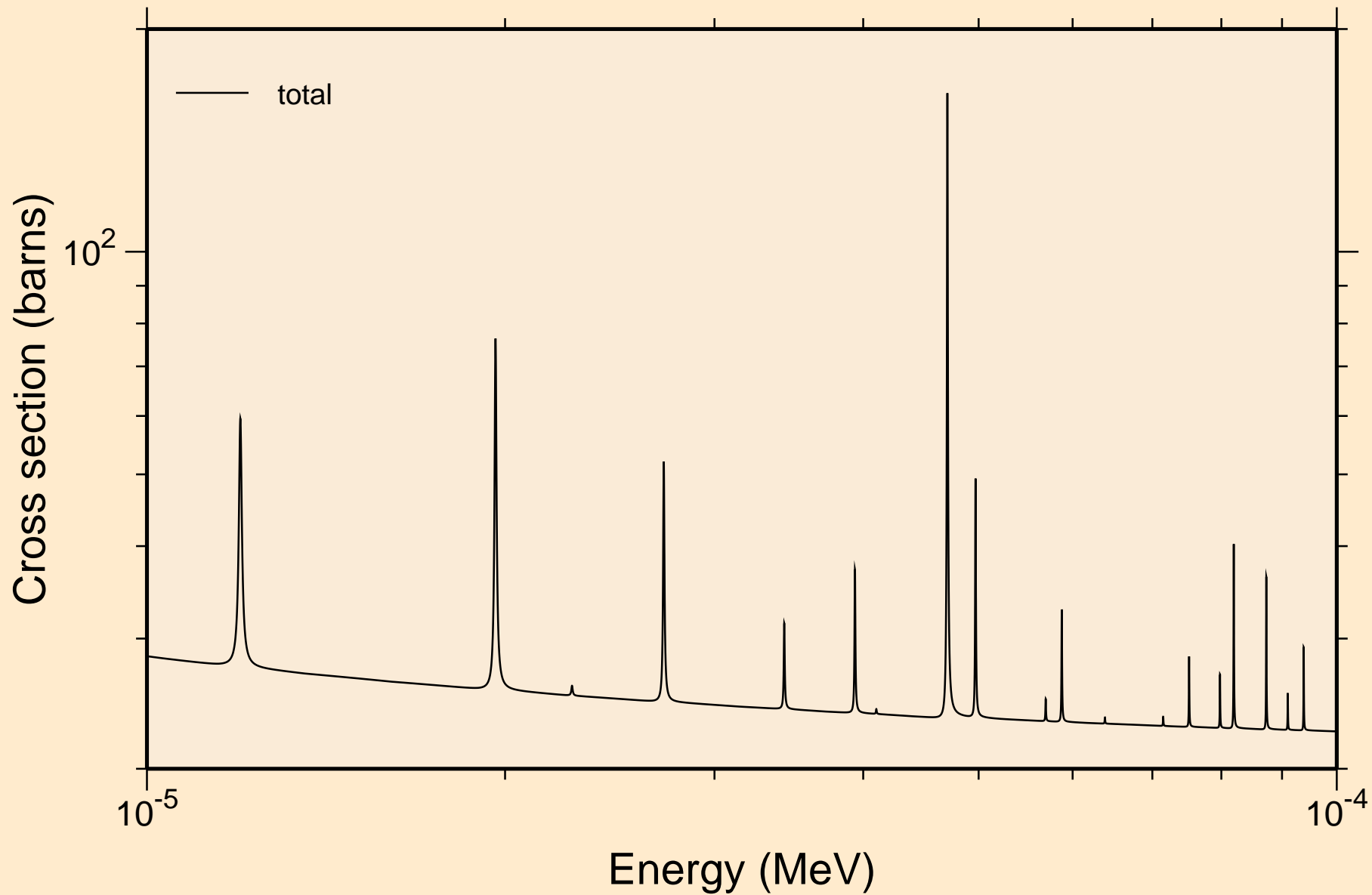
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



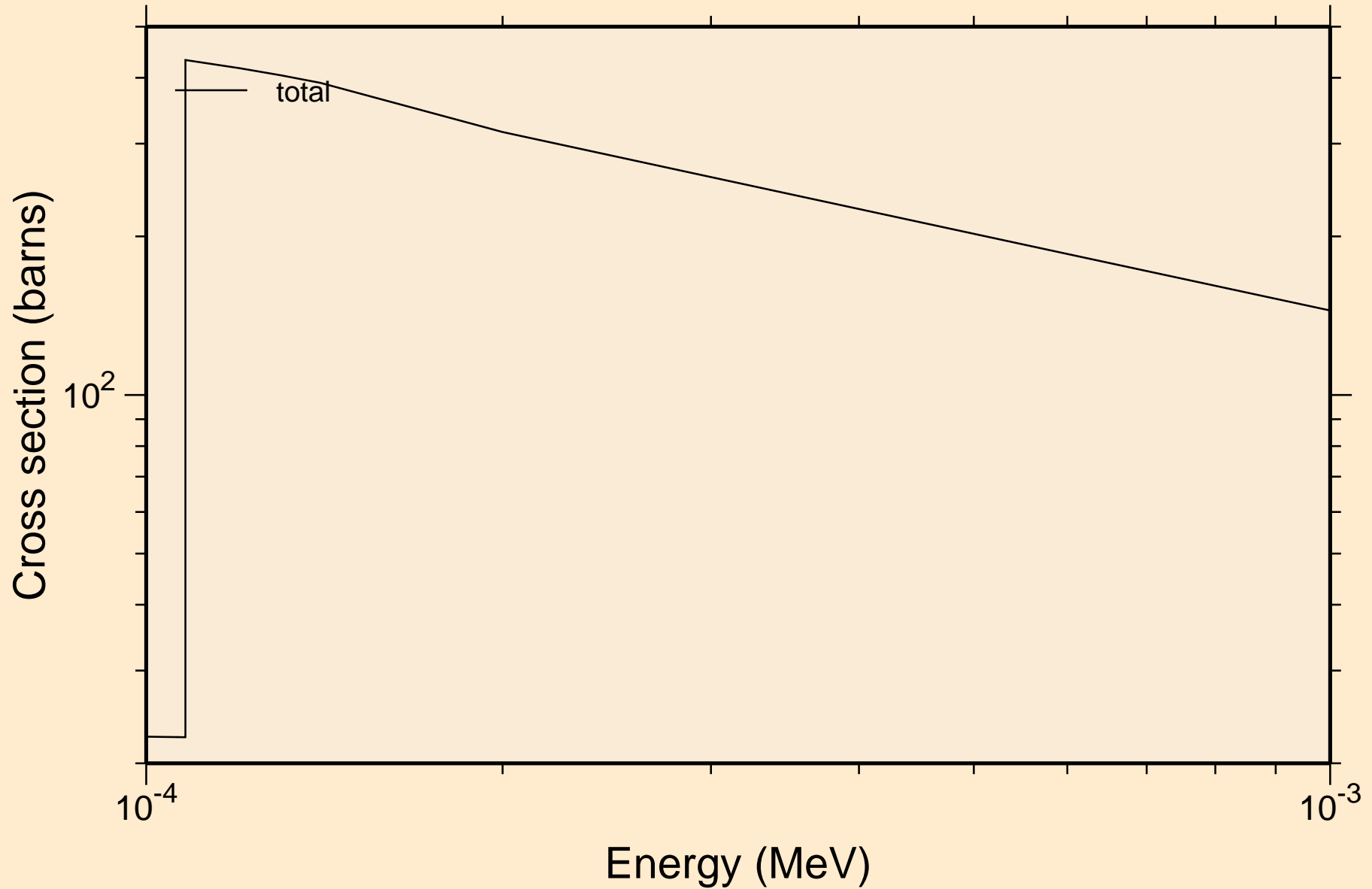
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



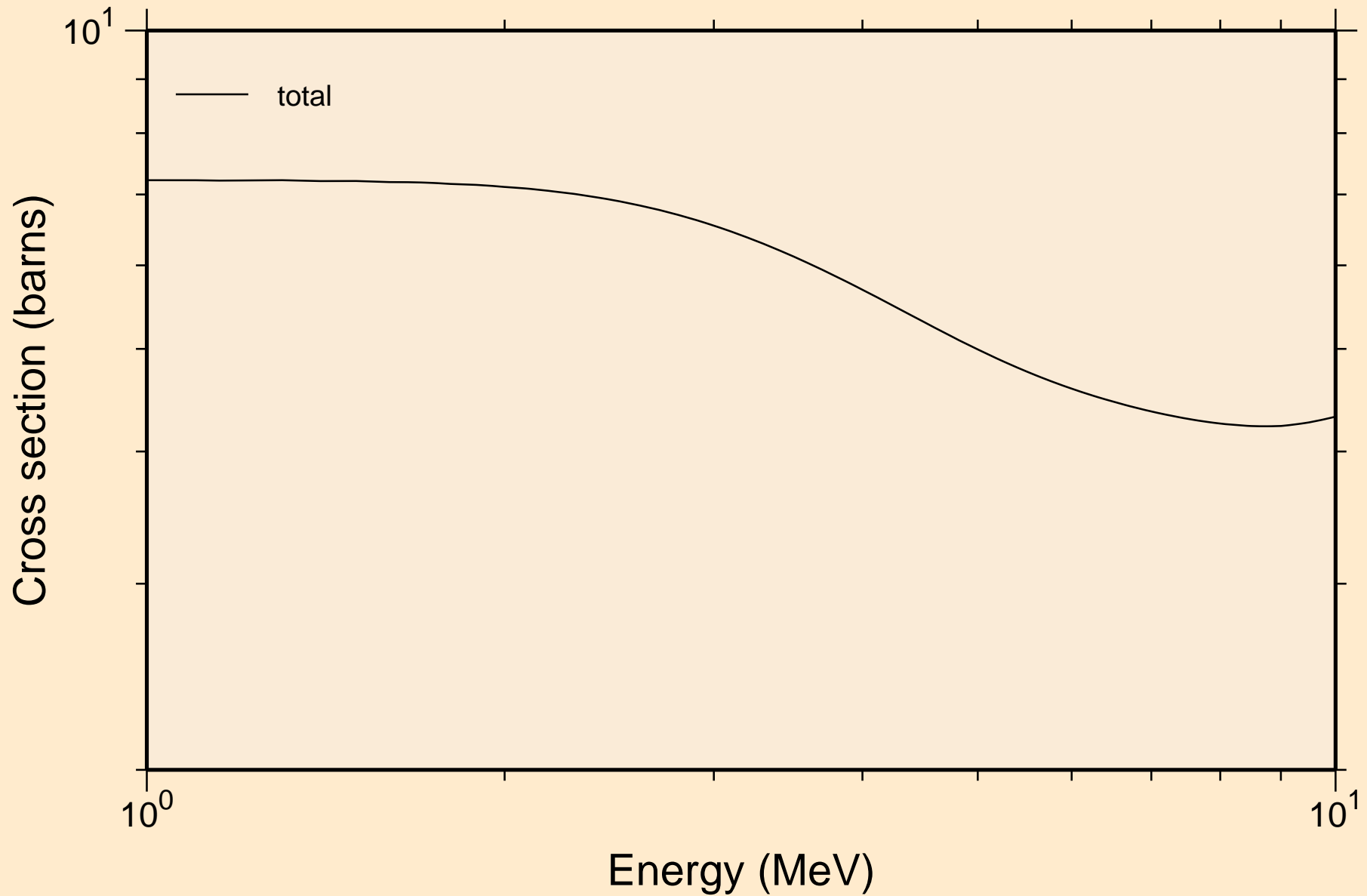
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



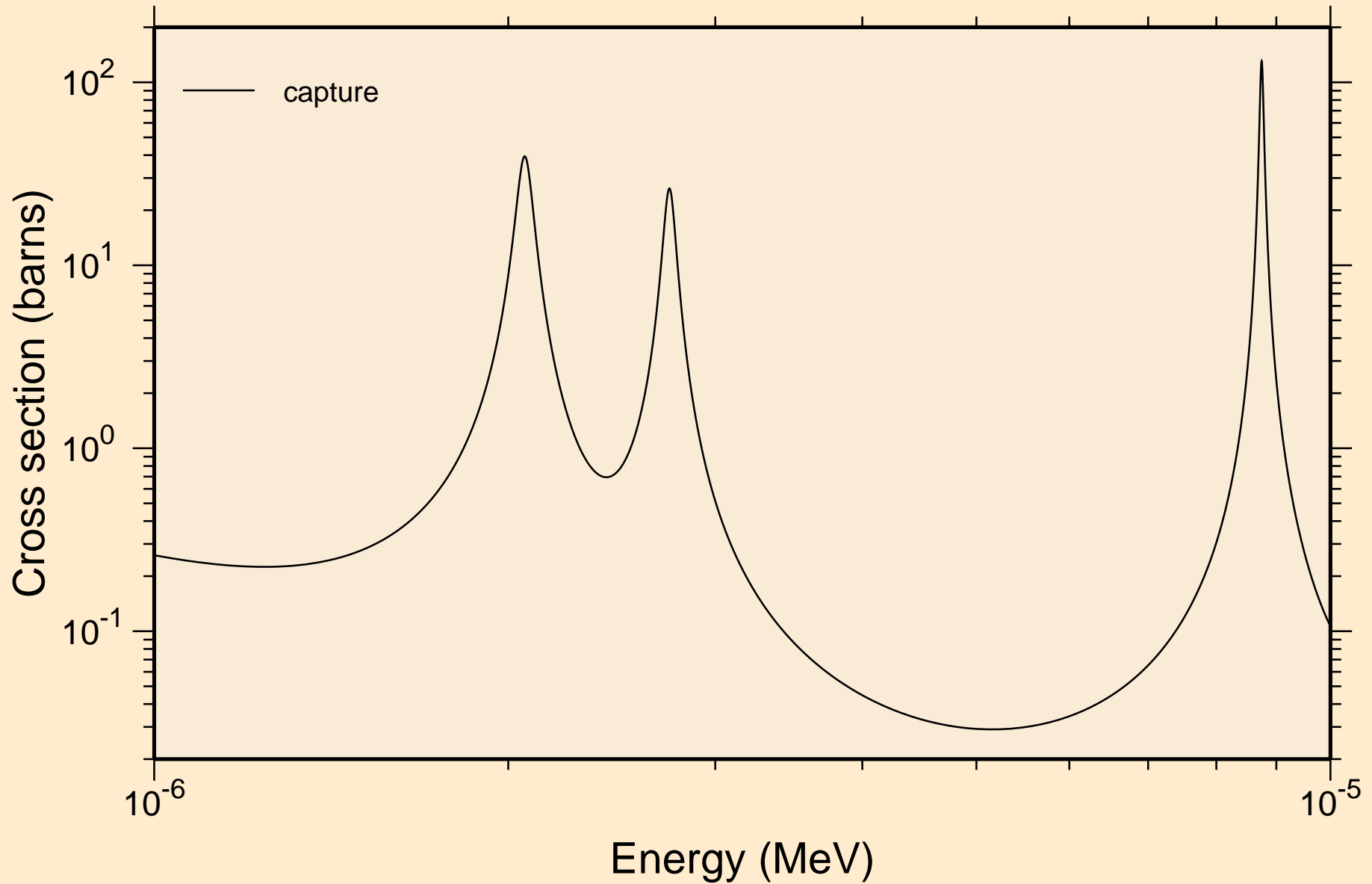
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



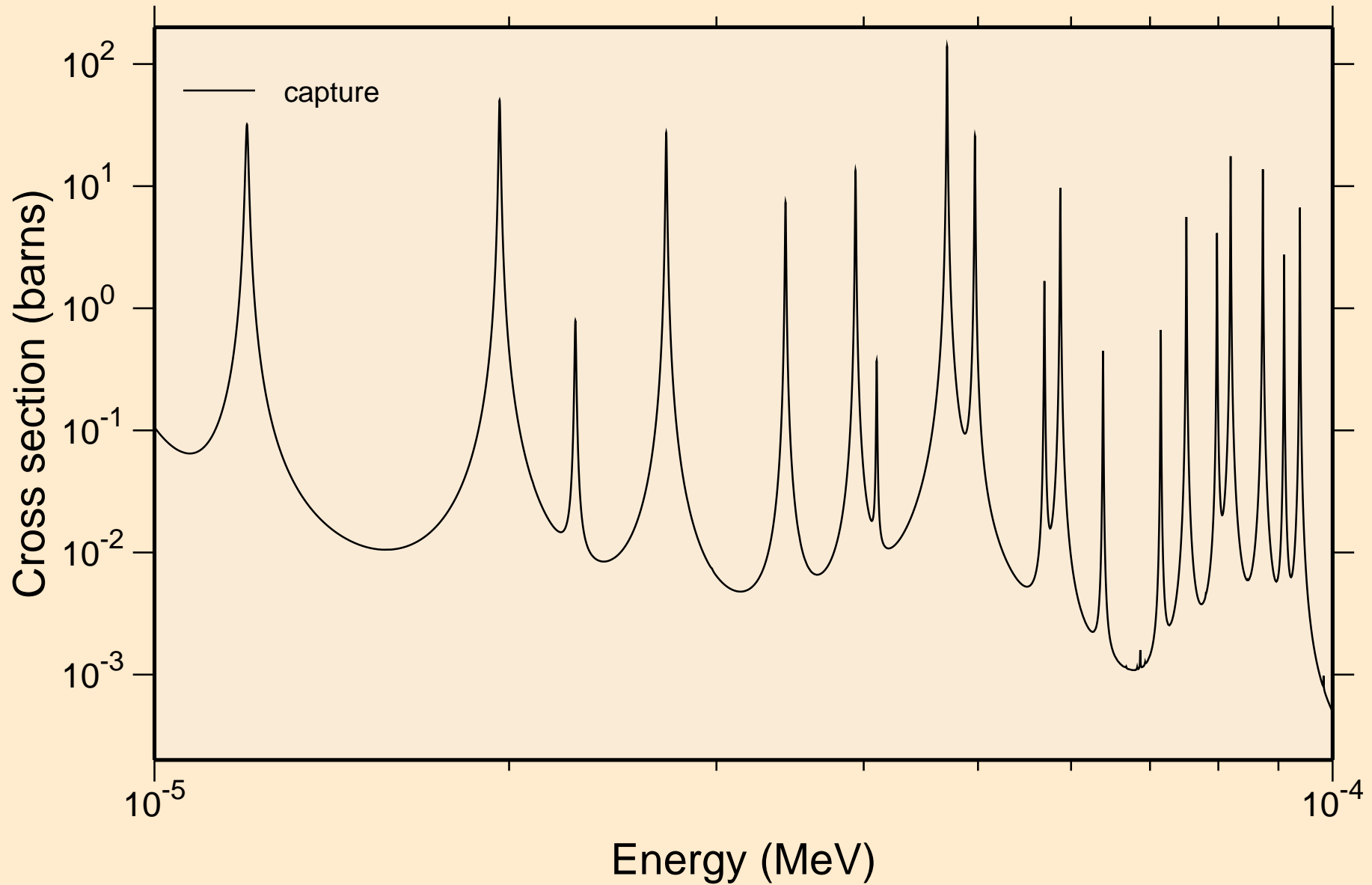
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



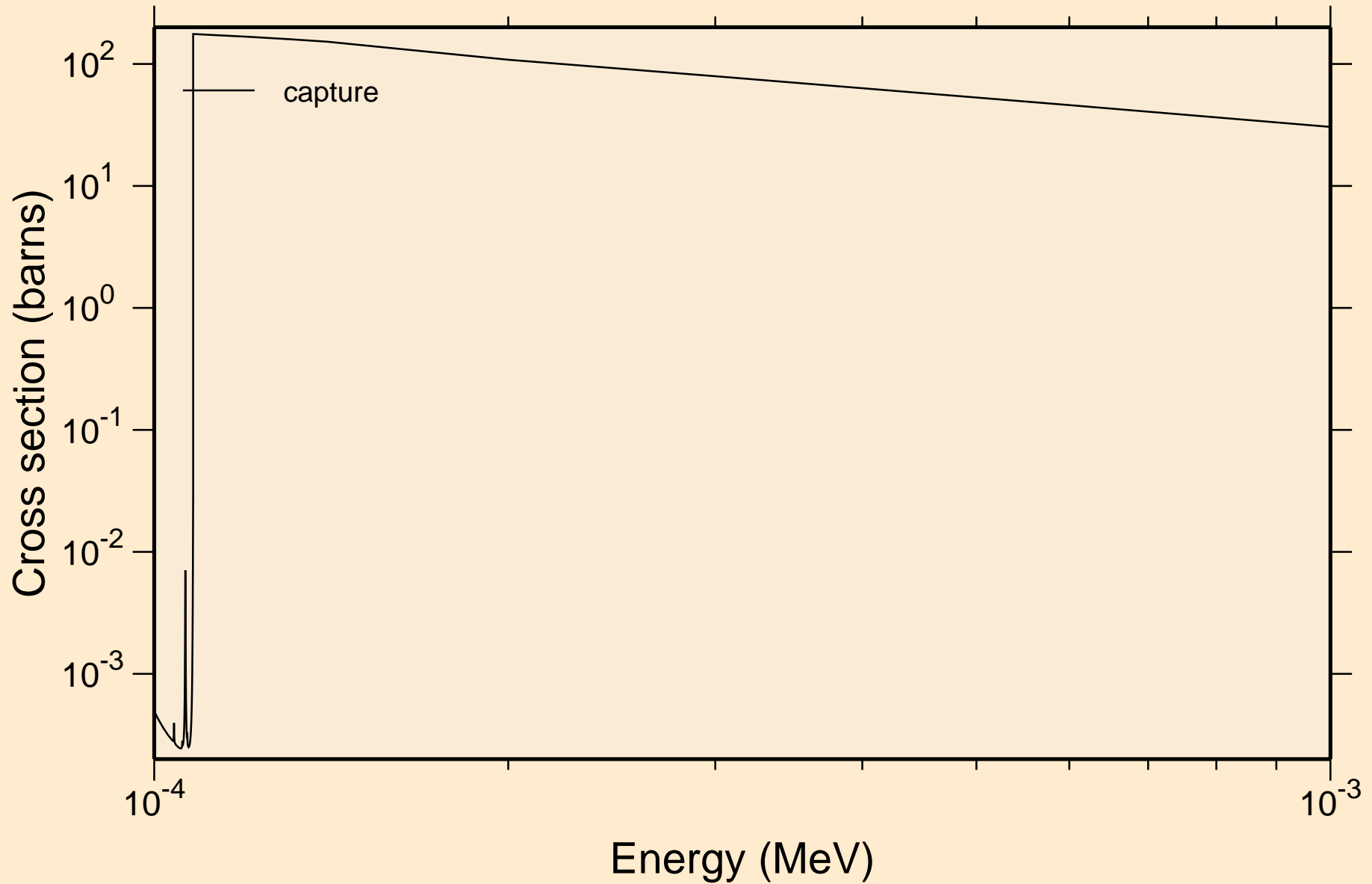
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

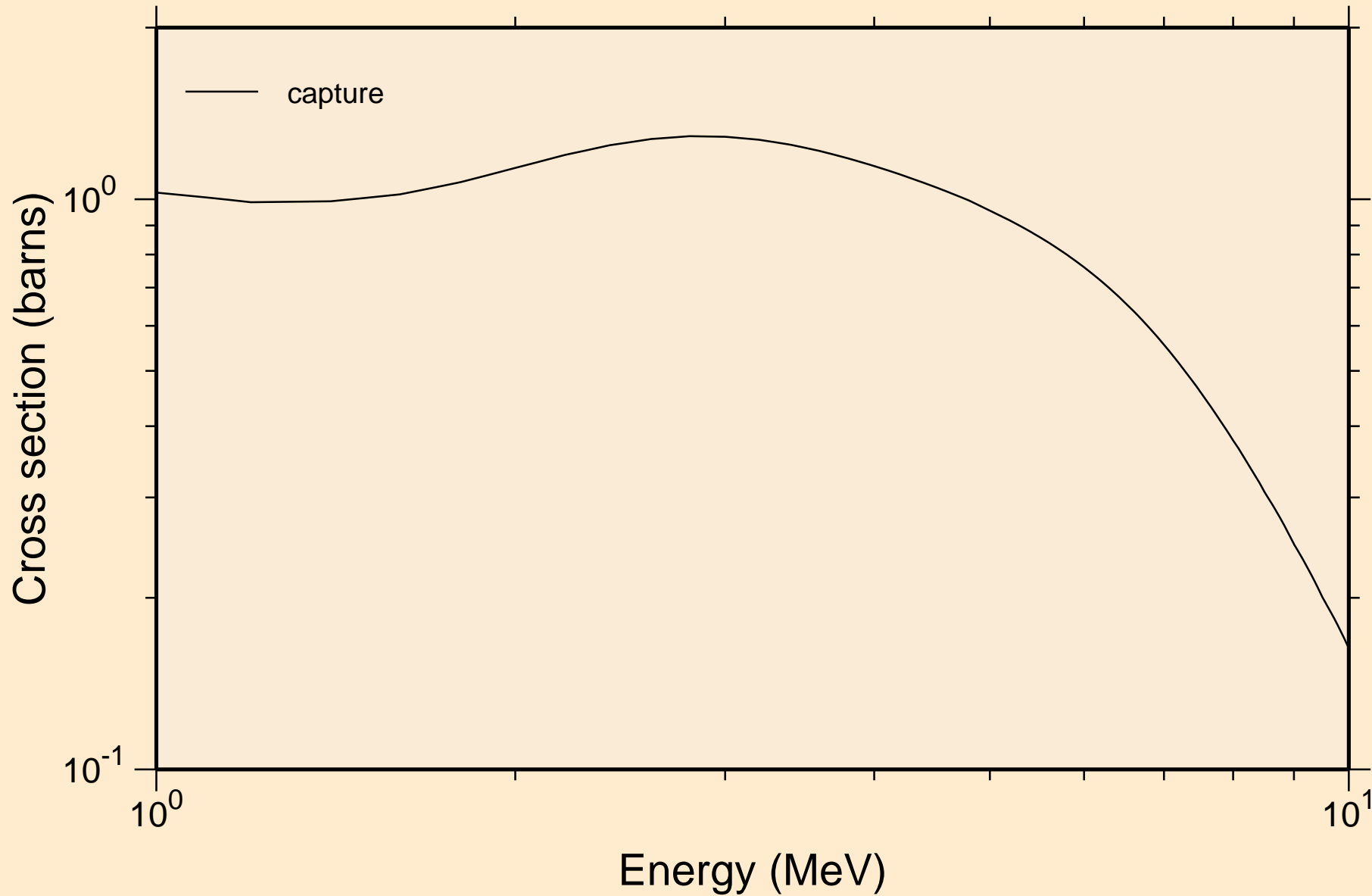


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



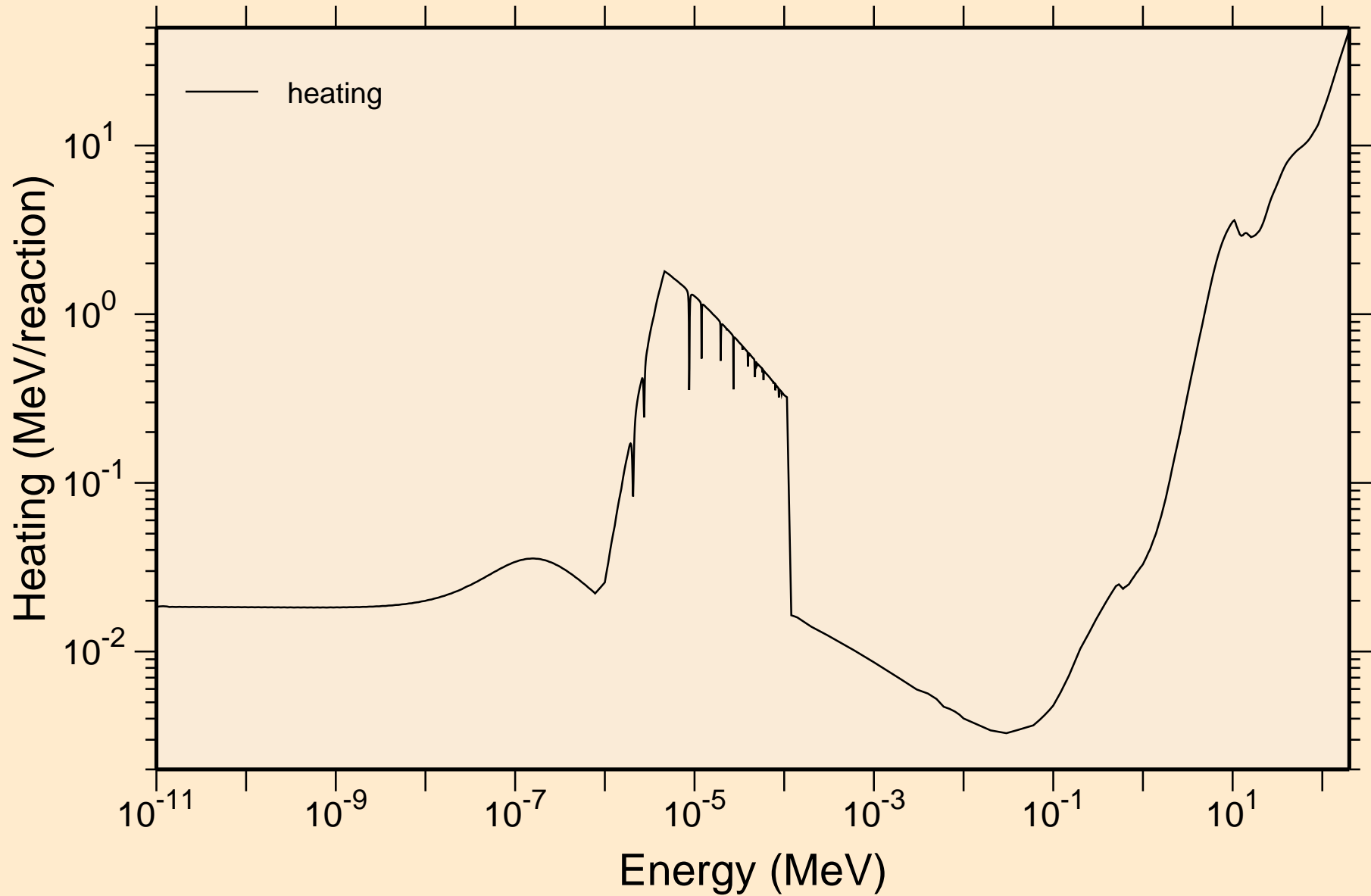


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



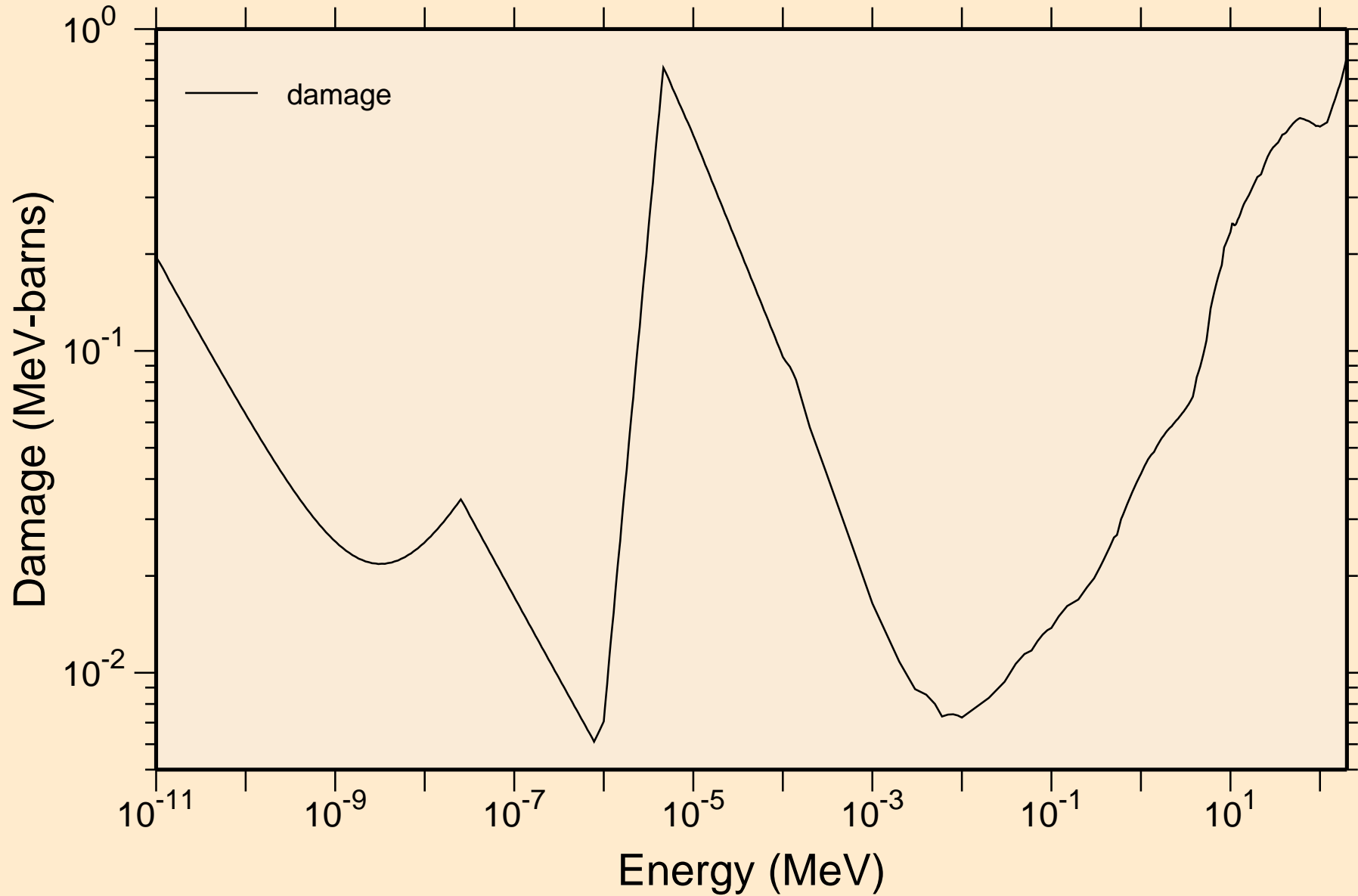
# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

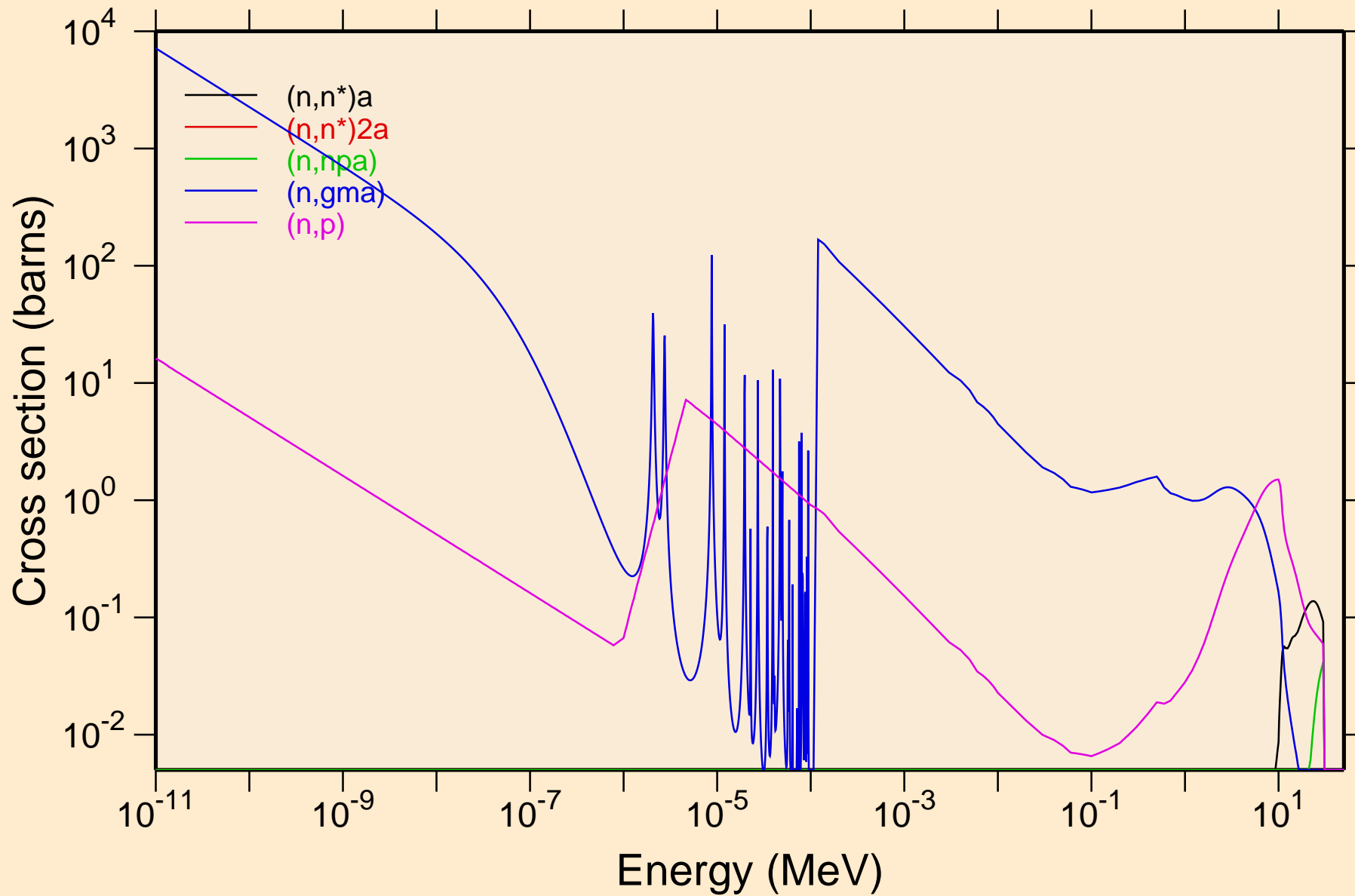


# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

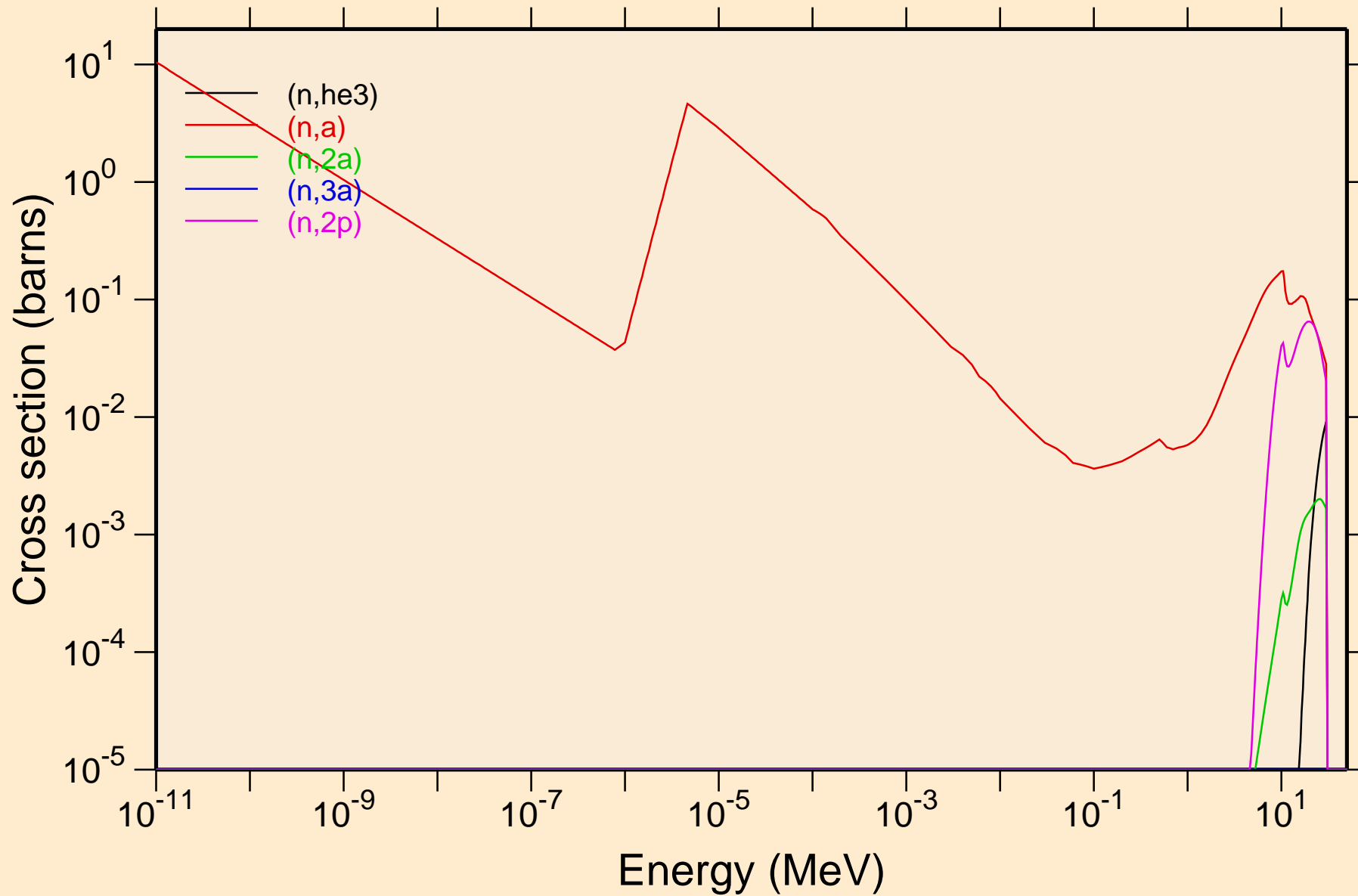
## Damage



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

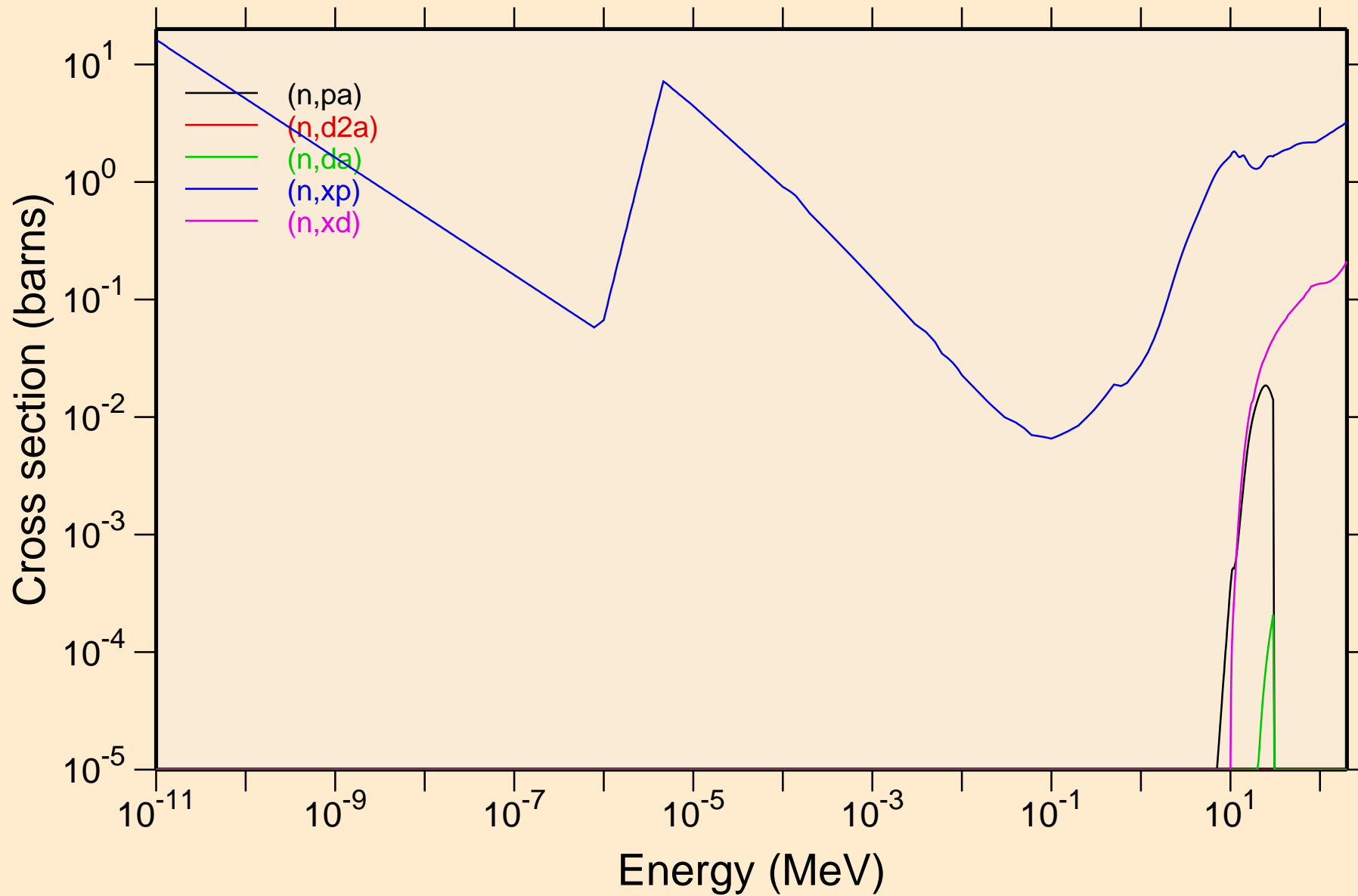


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

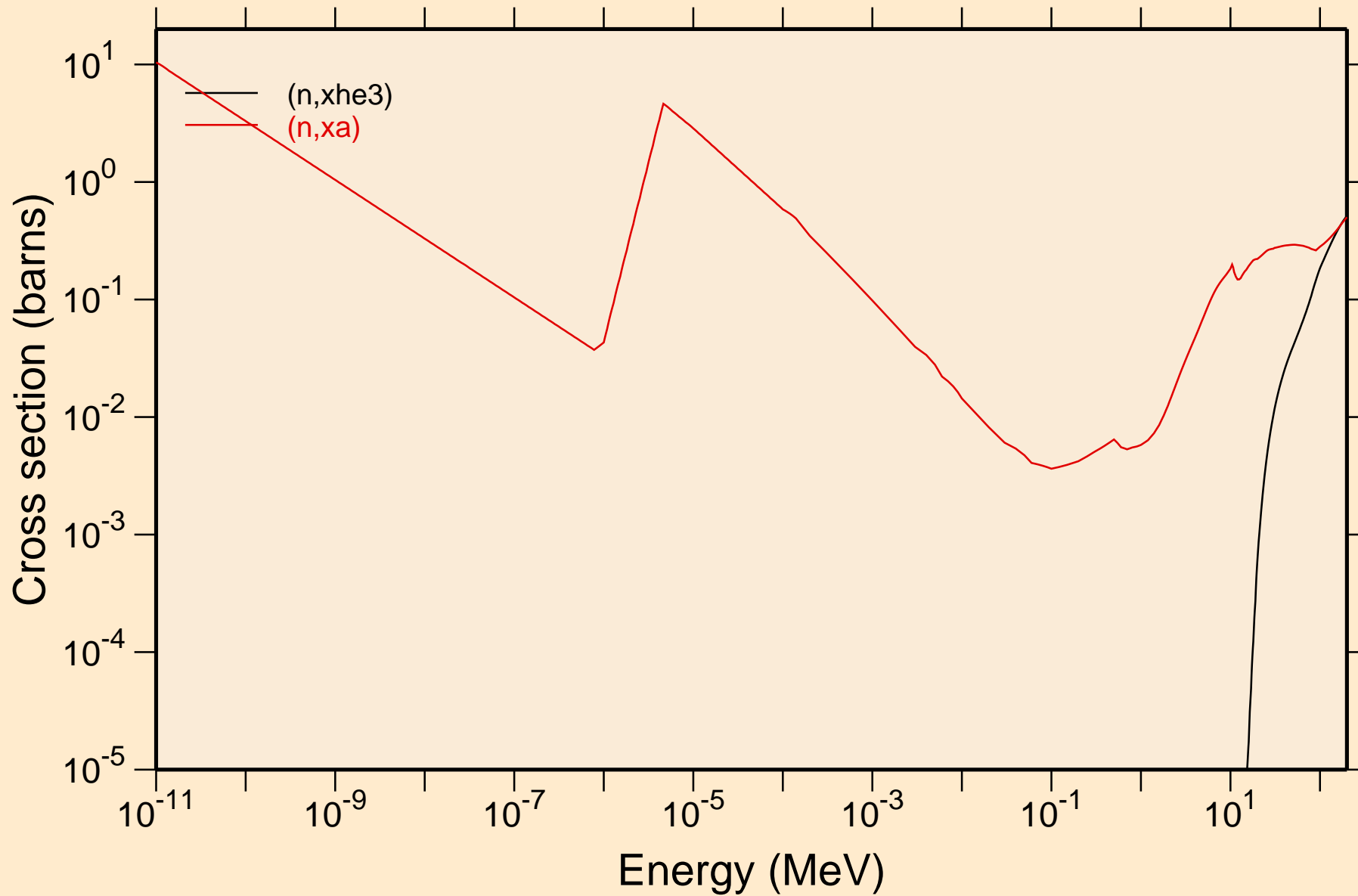


# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

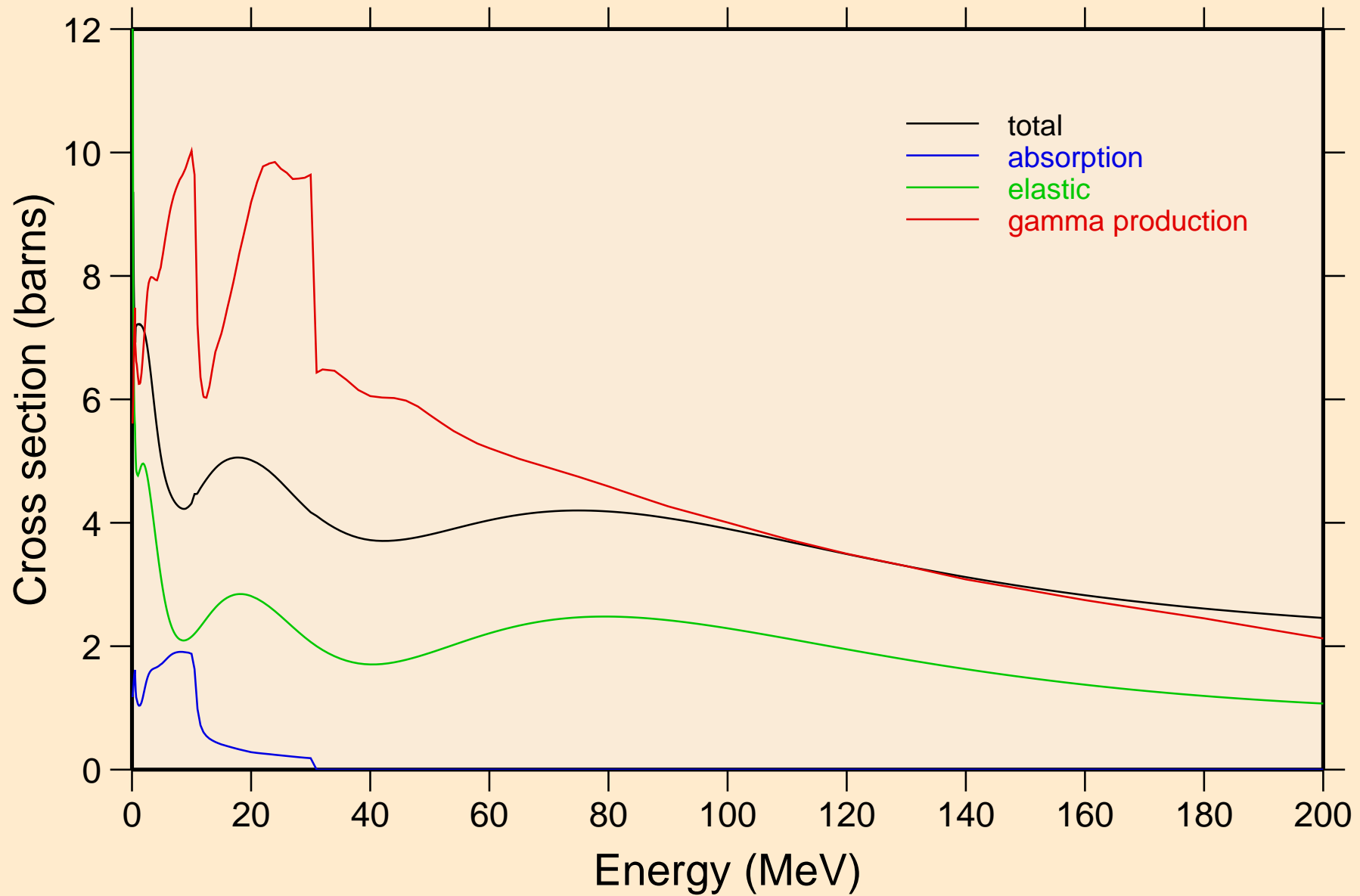


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

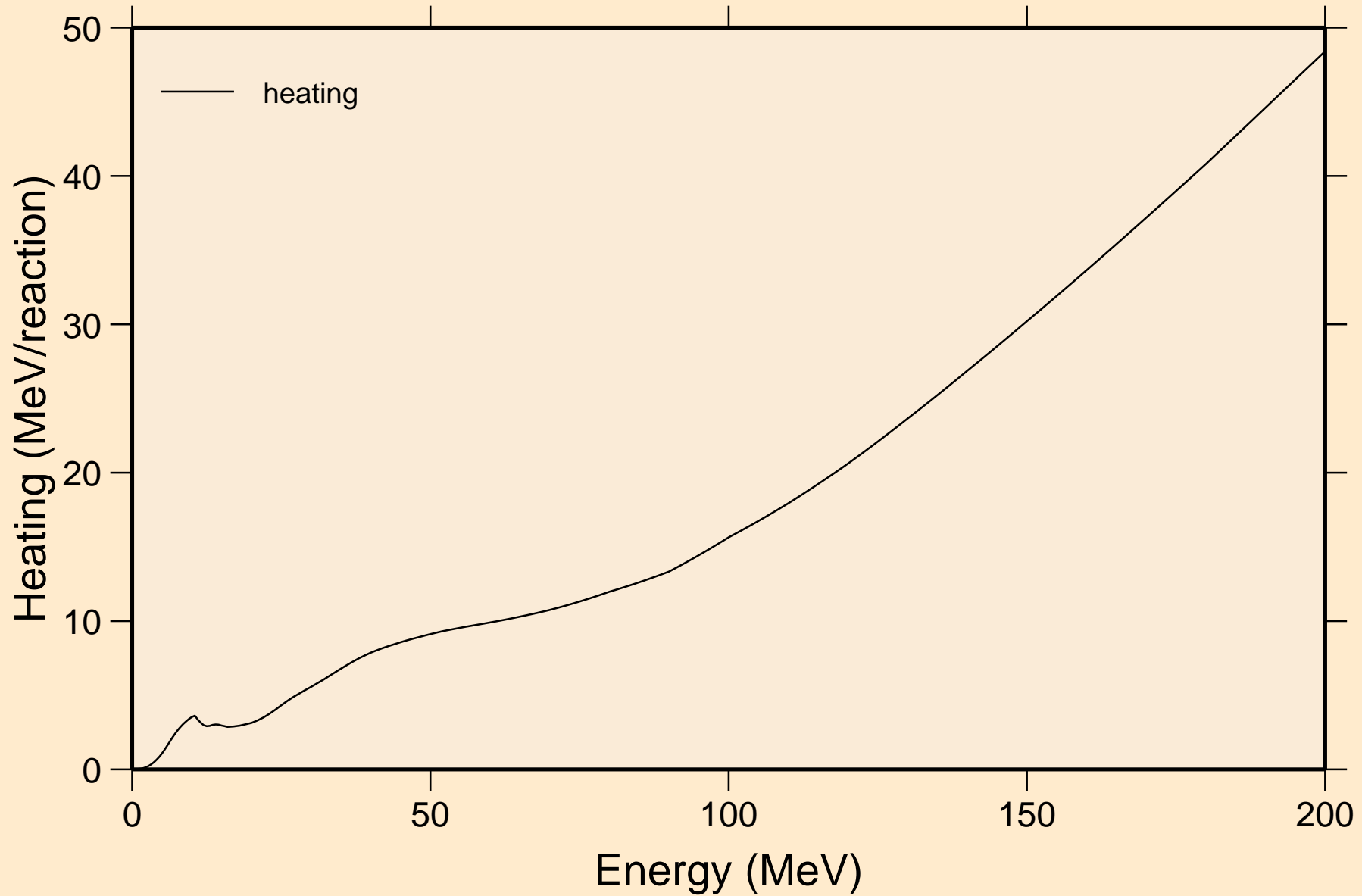
## Principal cross sections



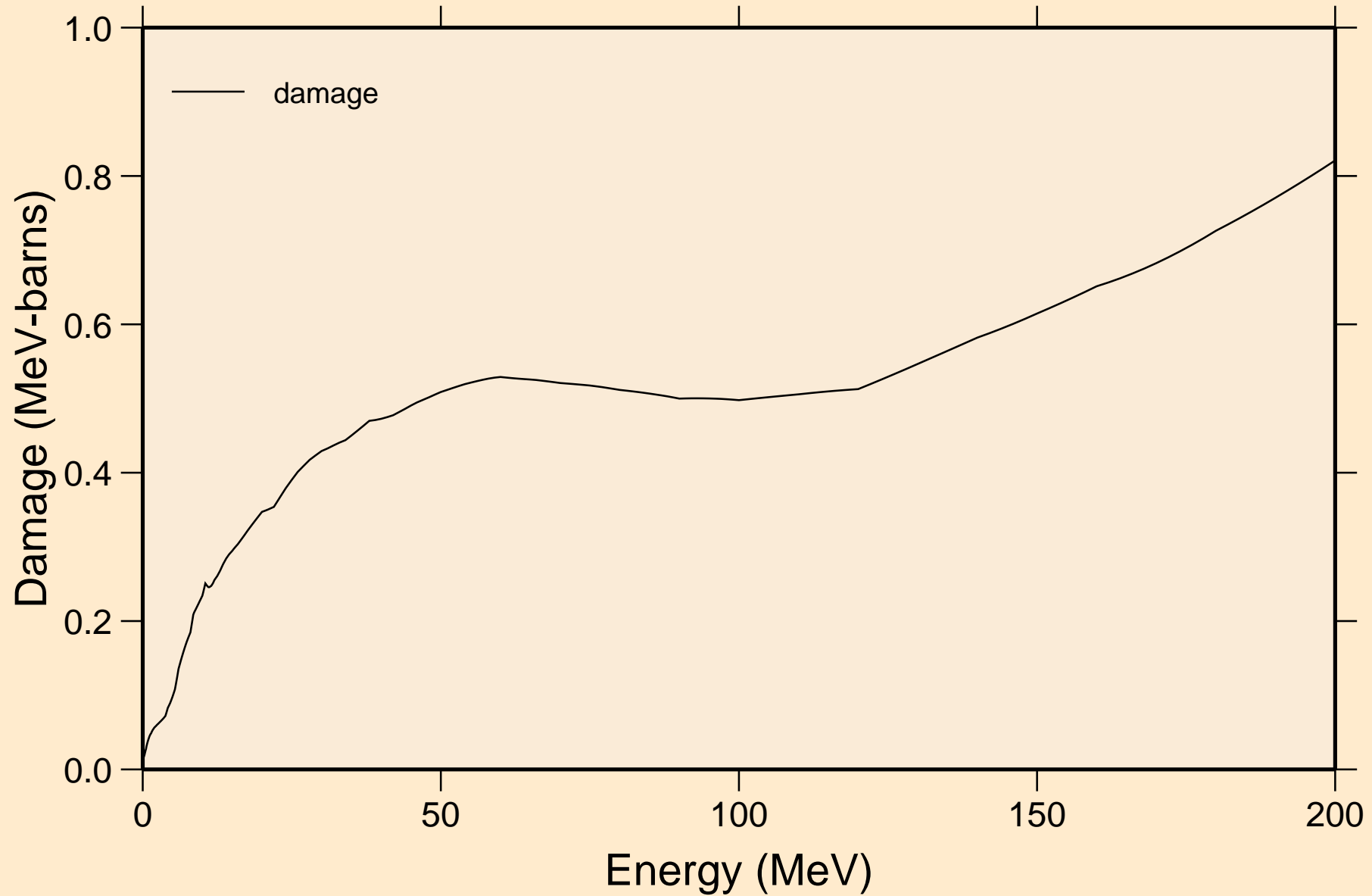


# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

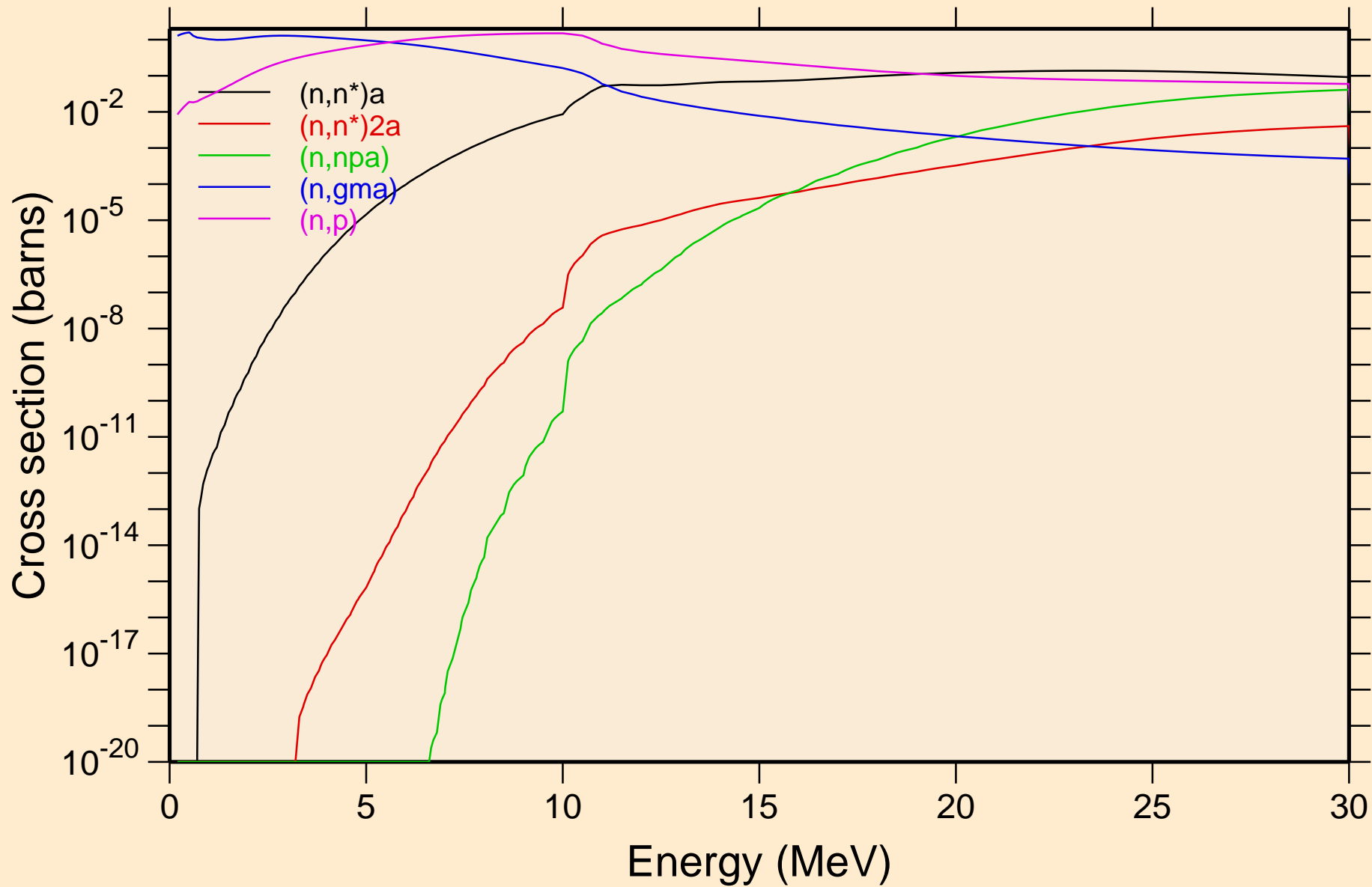
## Heating



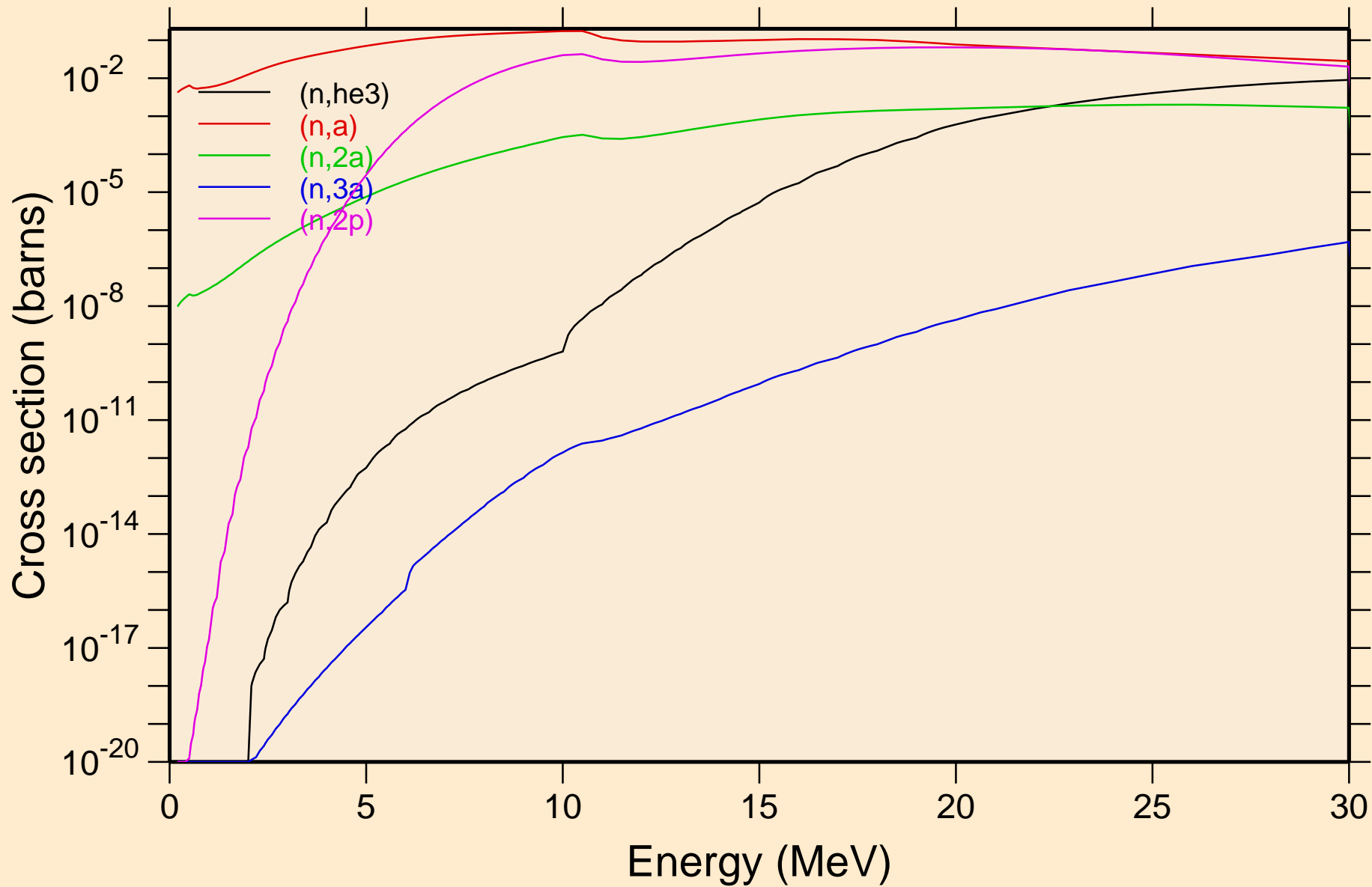
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

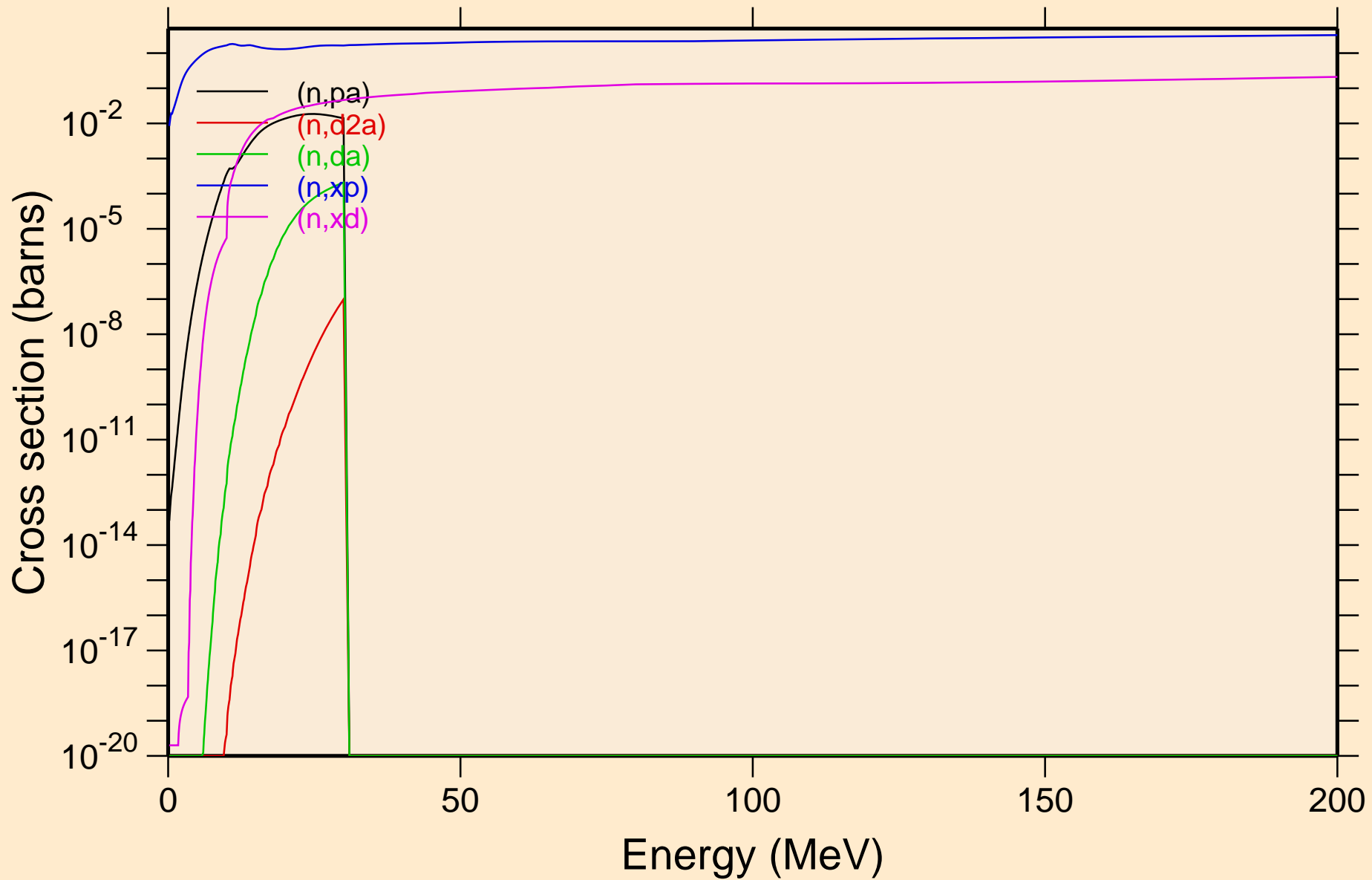


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

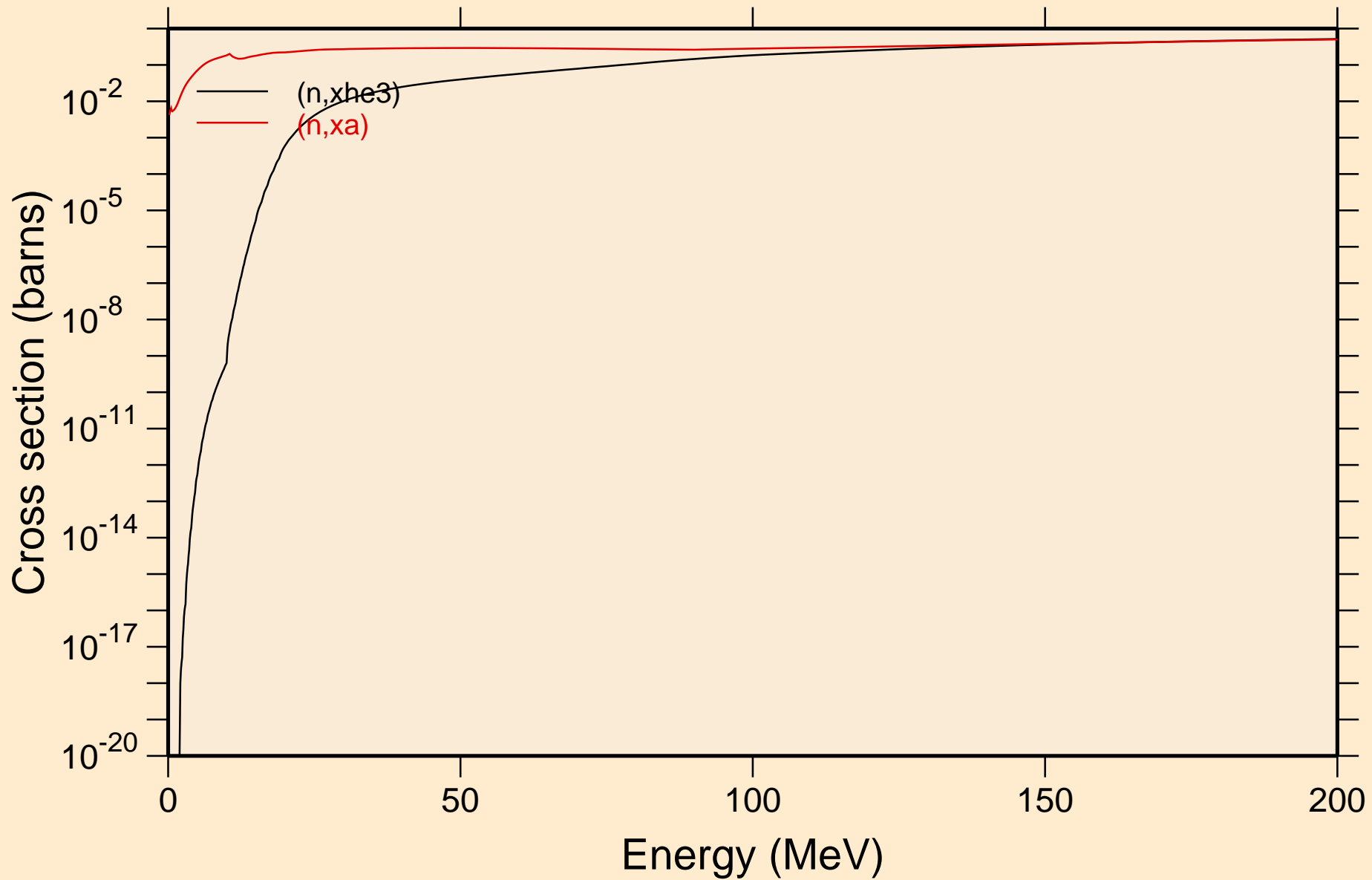


# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

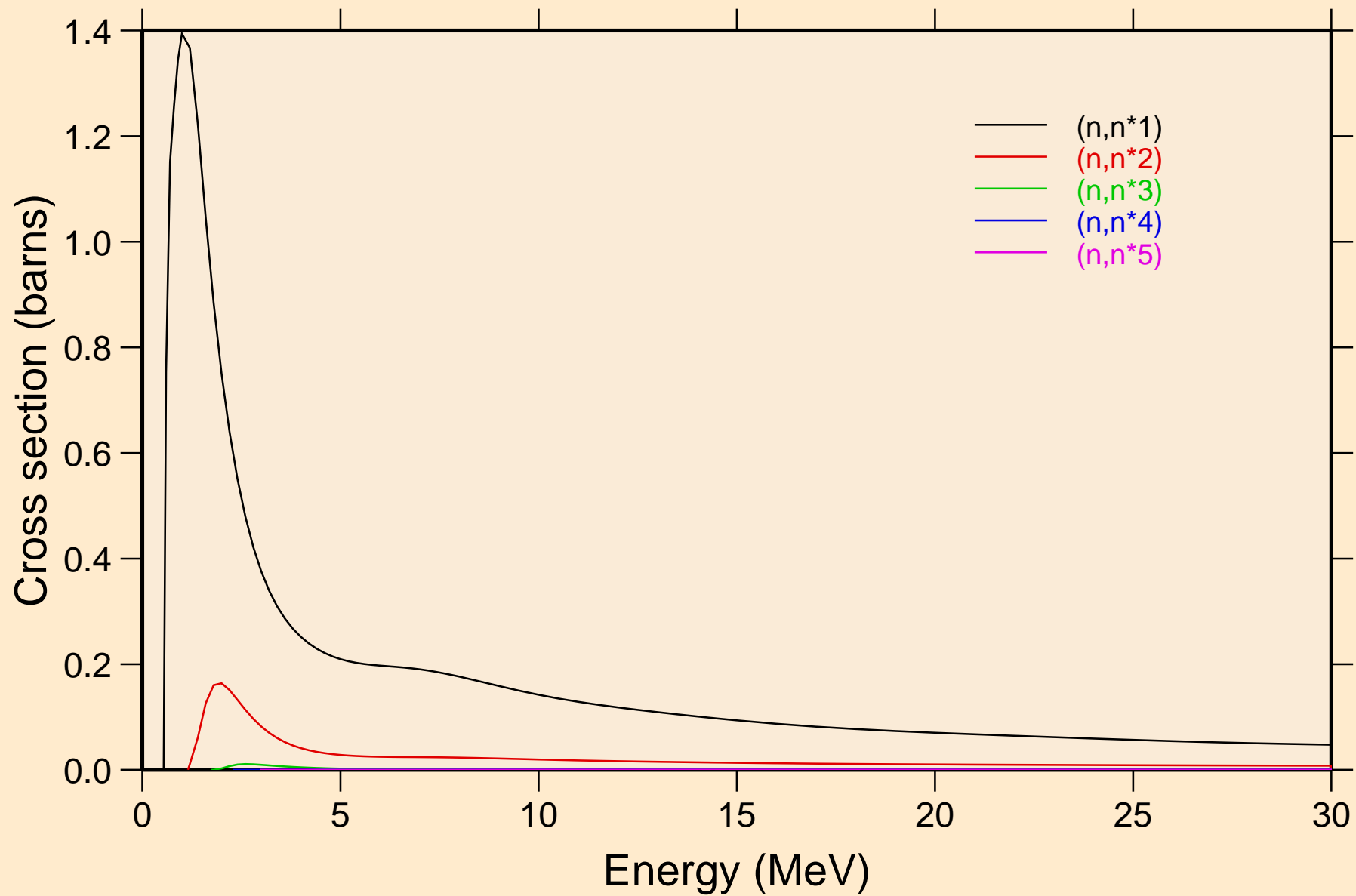
## Non-threshold reactions



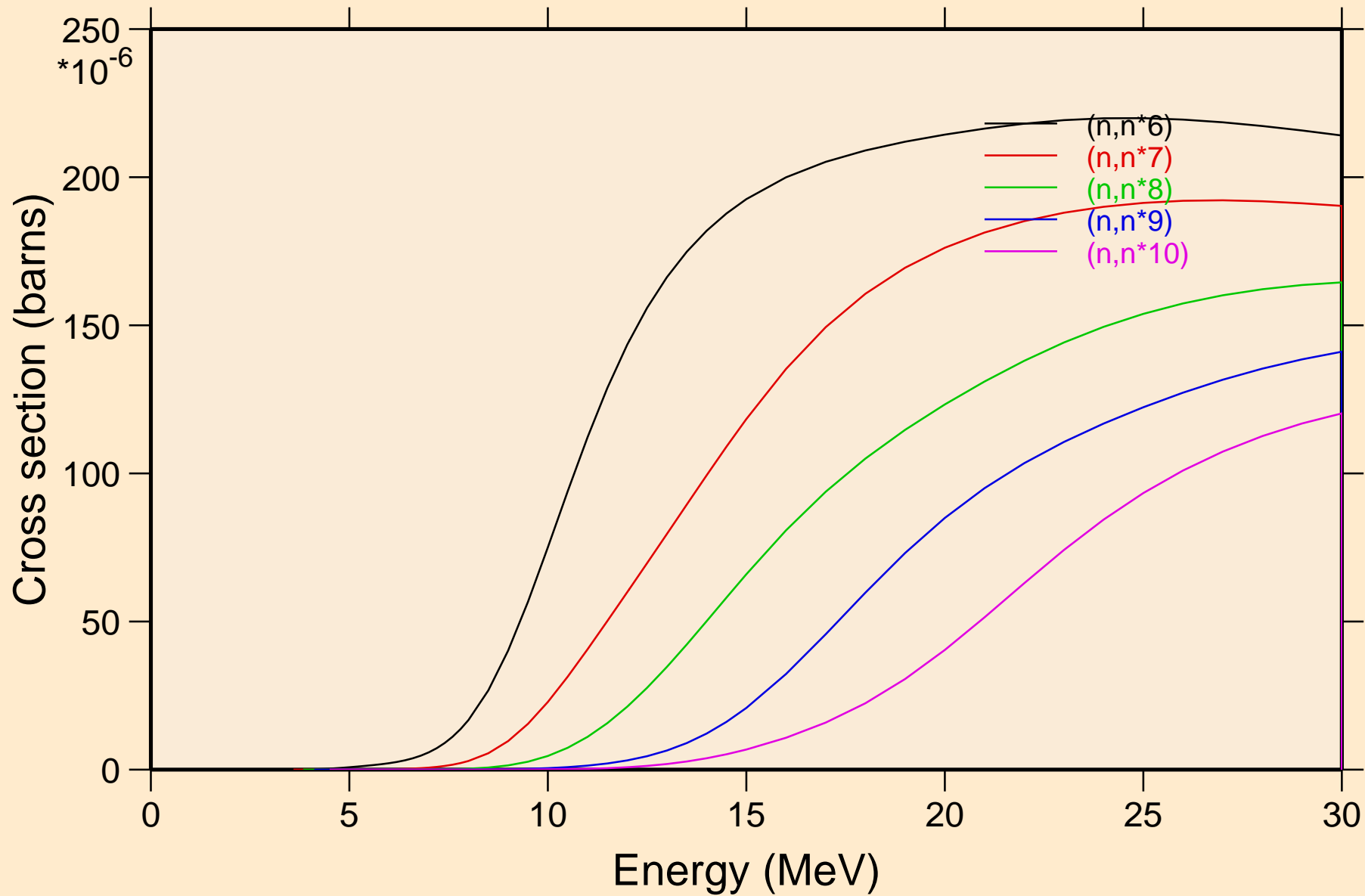
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

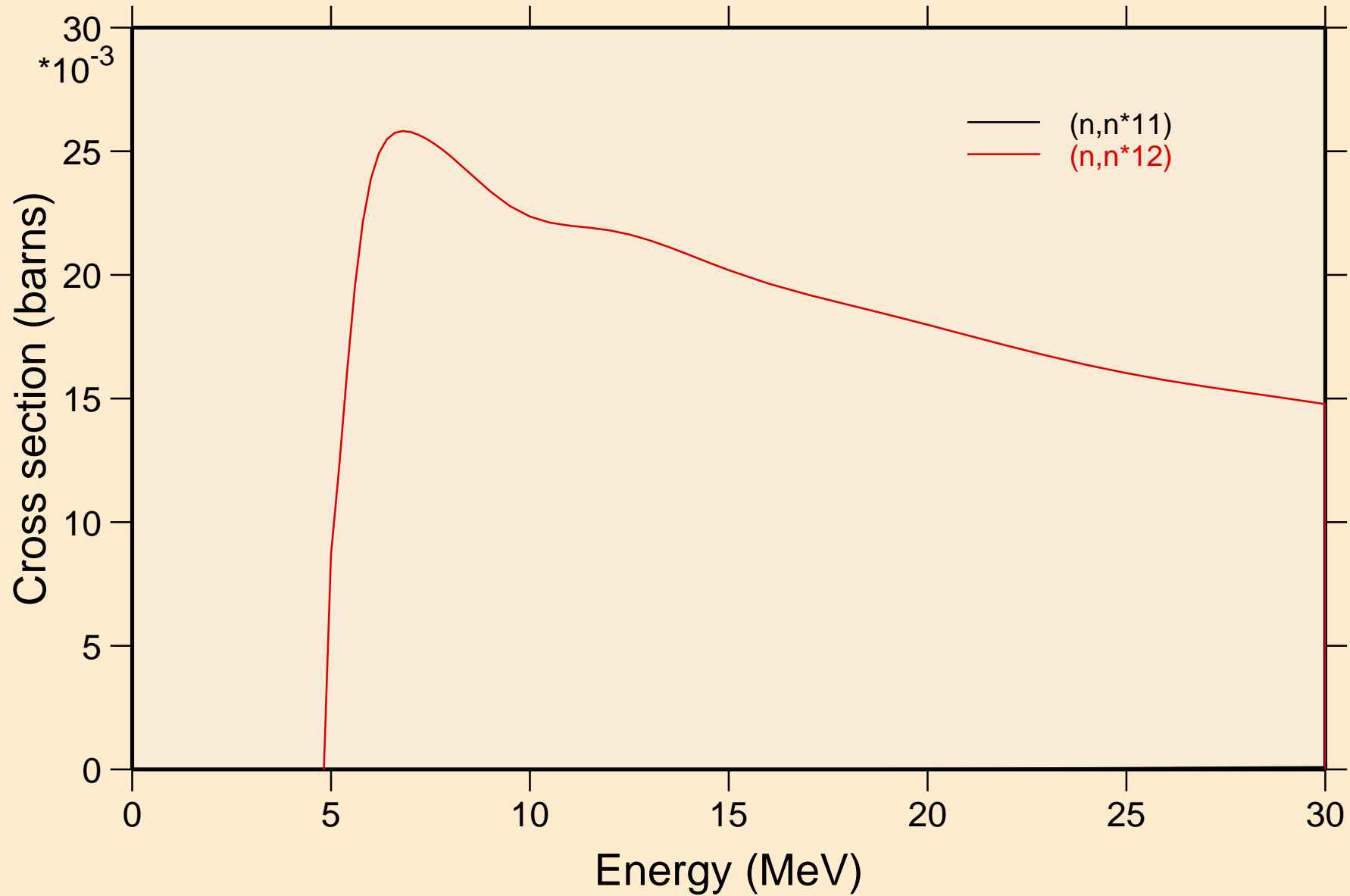


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

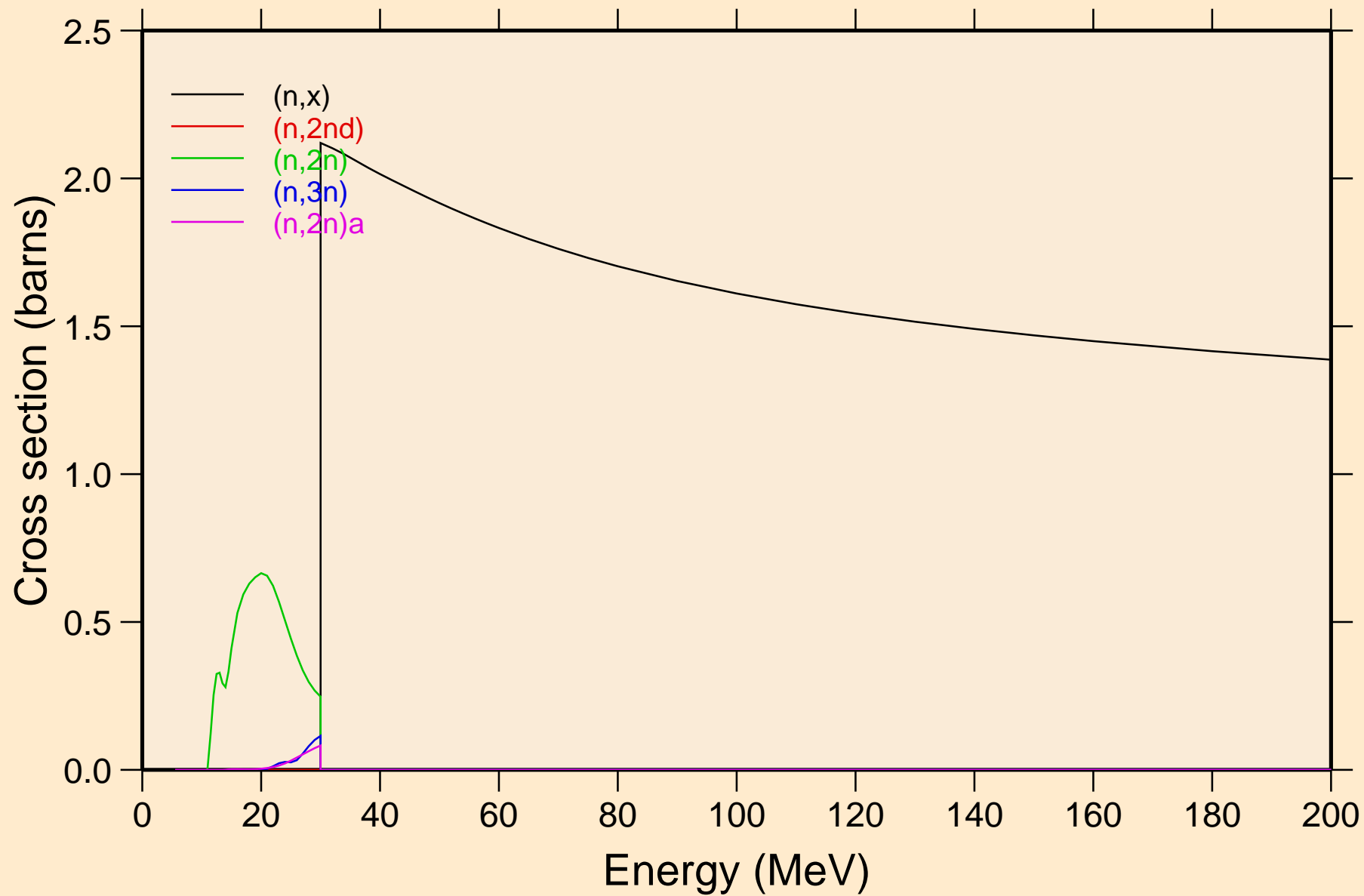




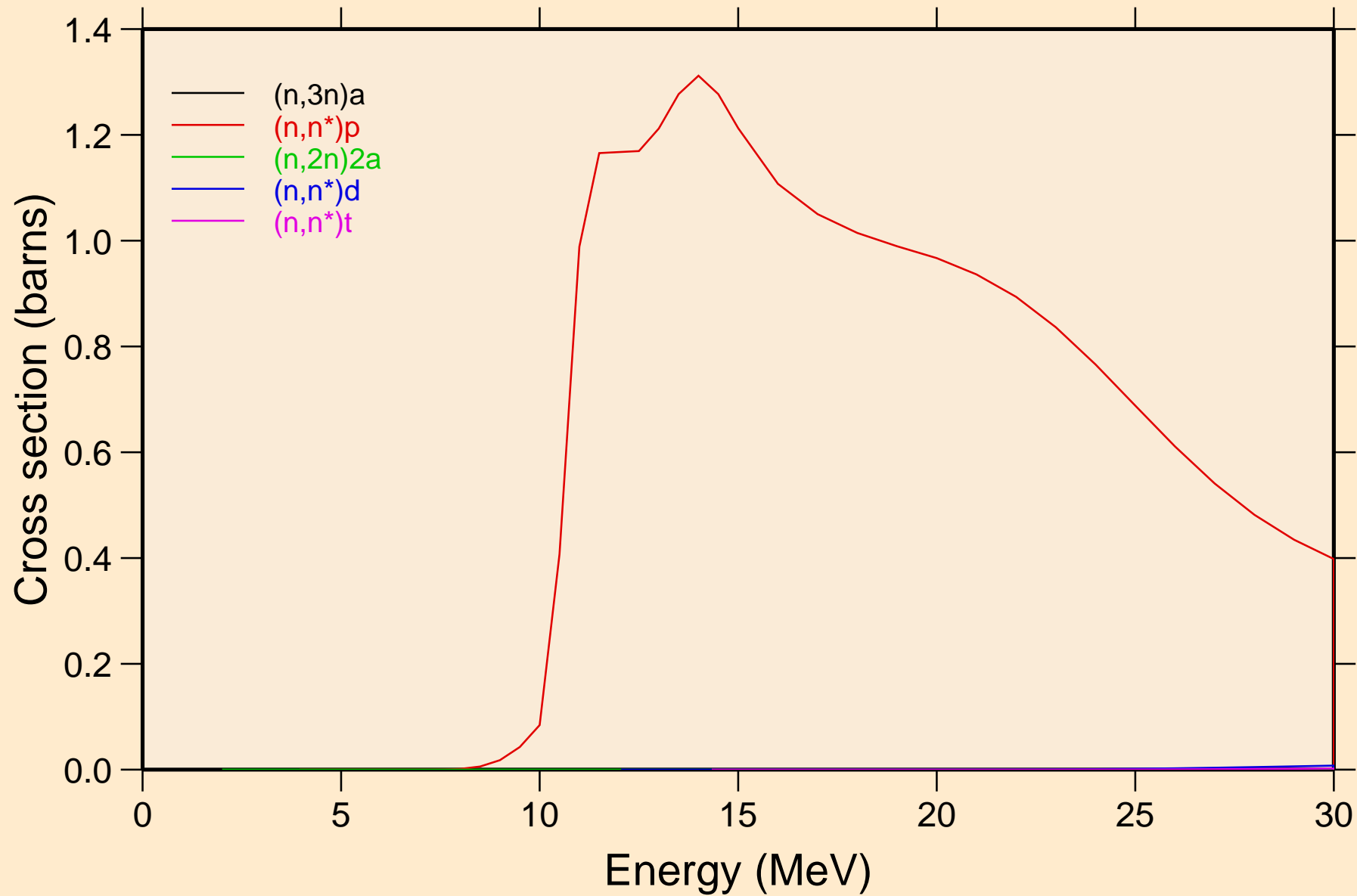
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



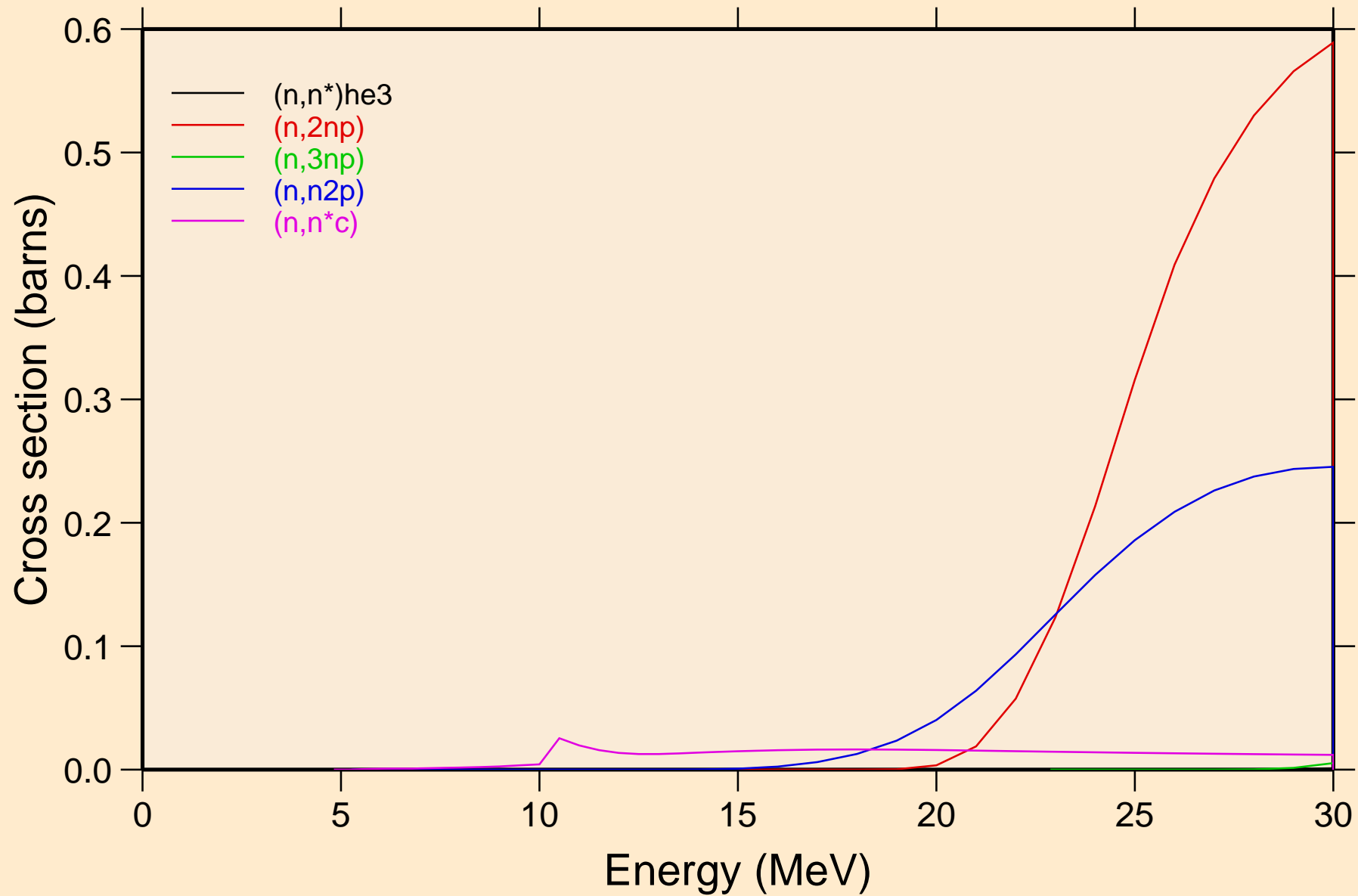
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



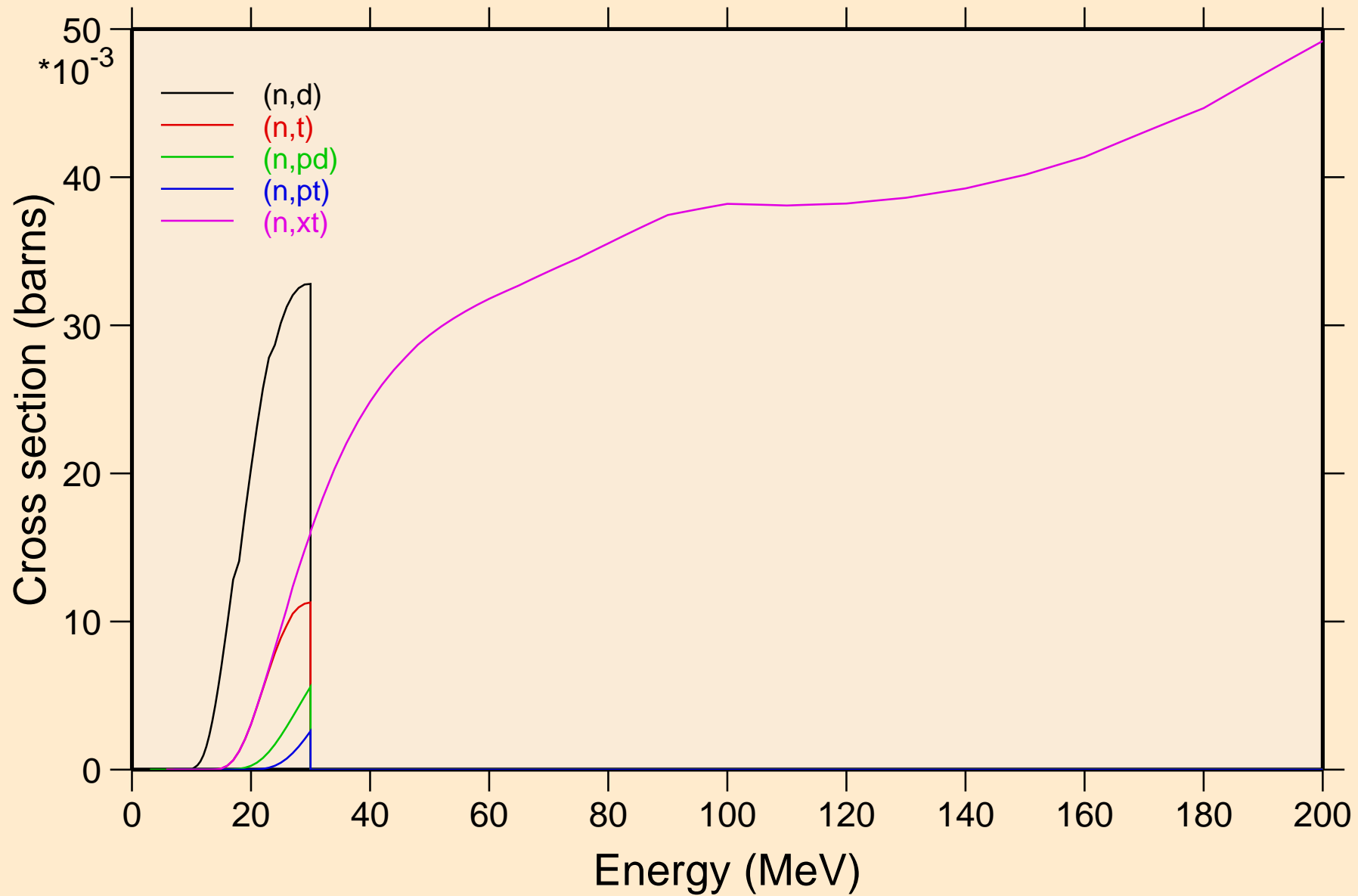
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



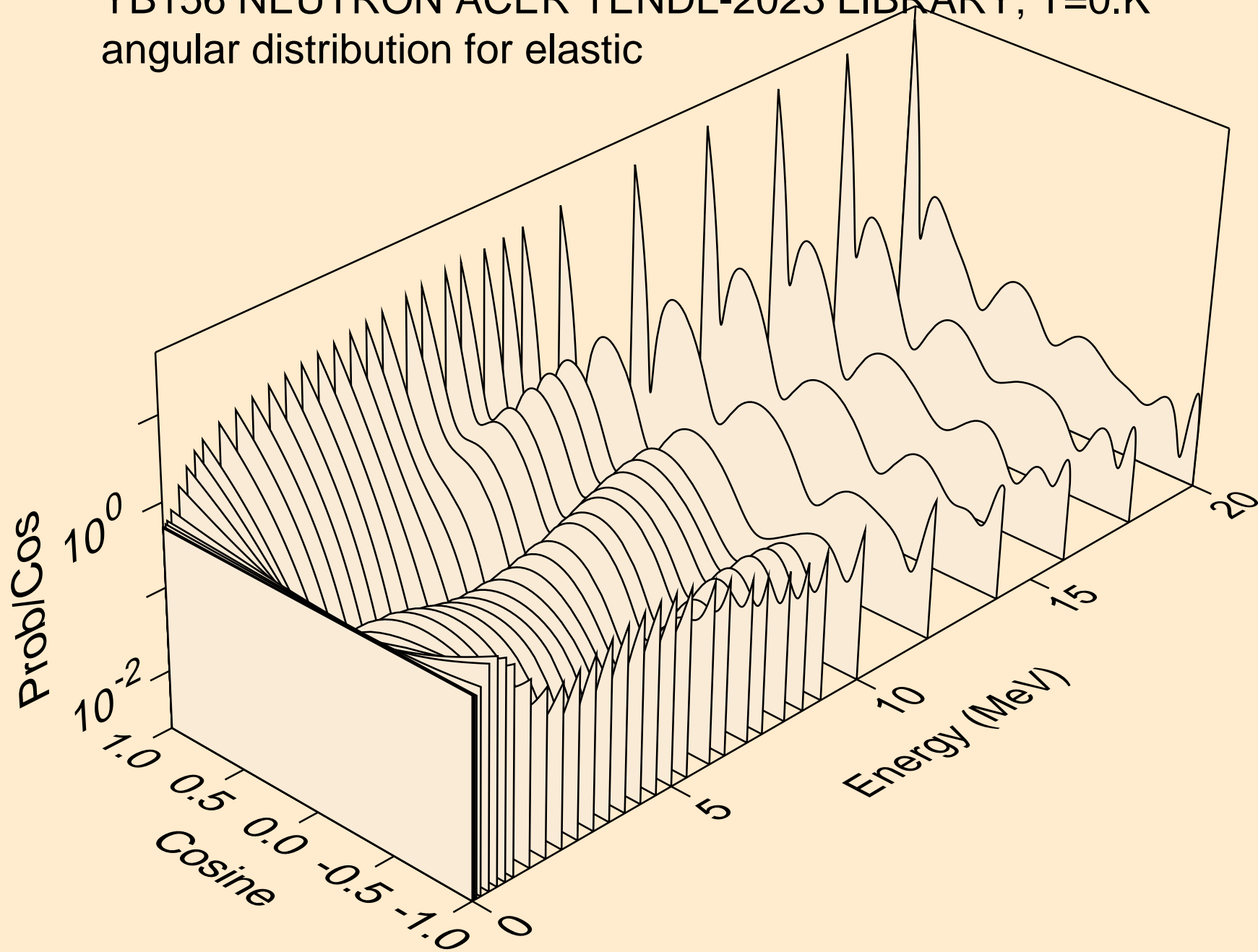
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



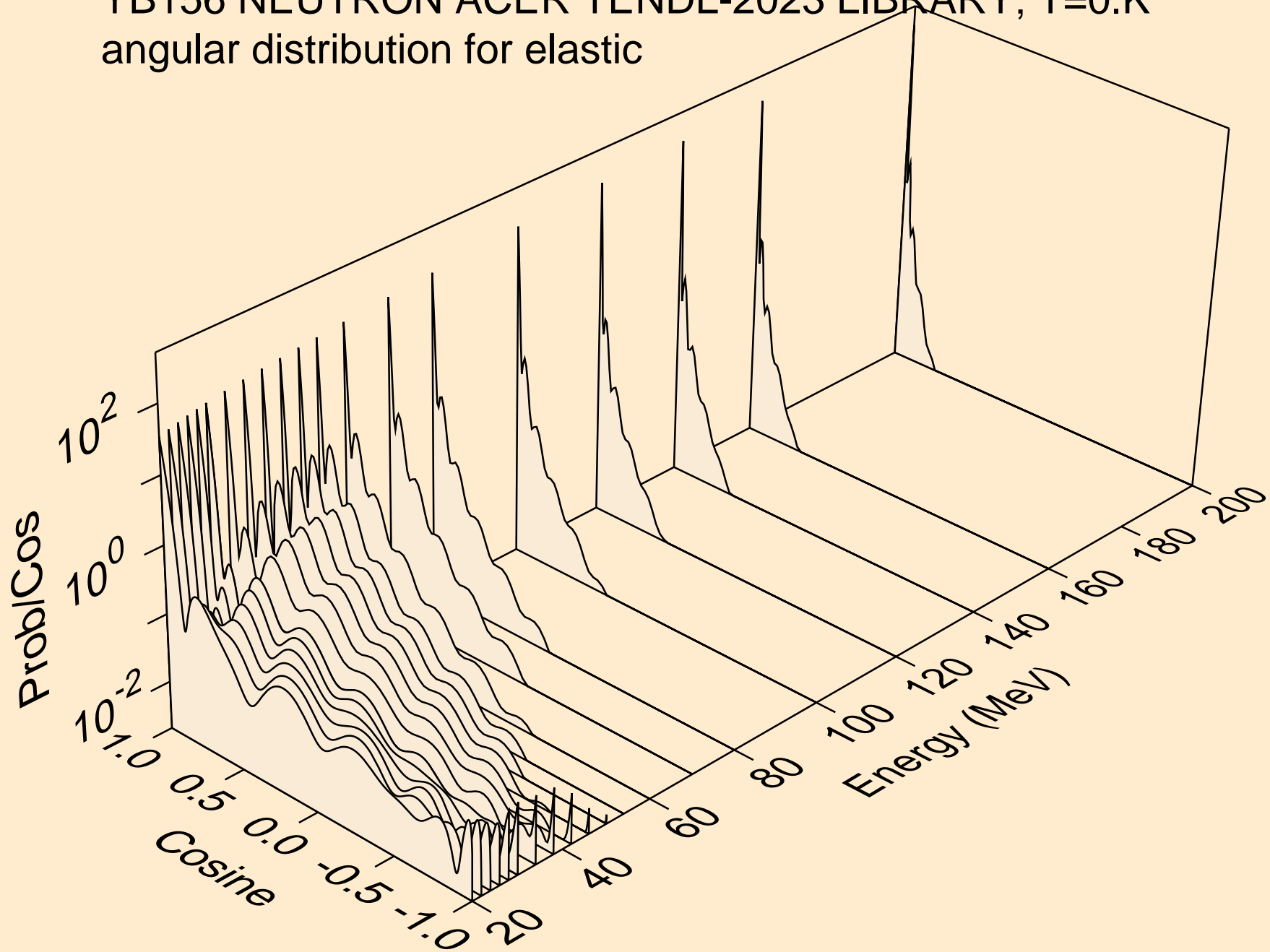
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



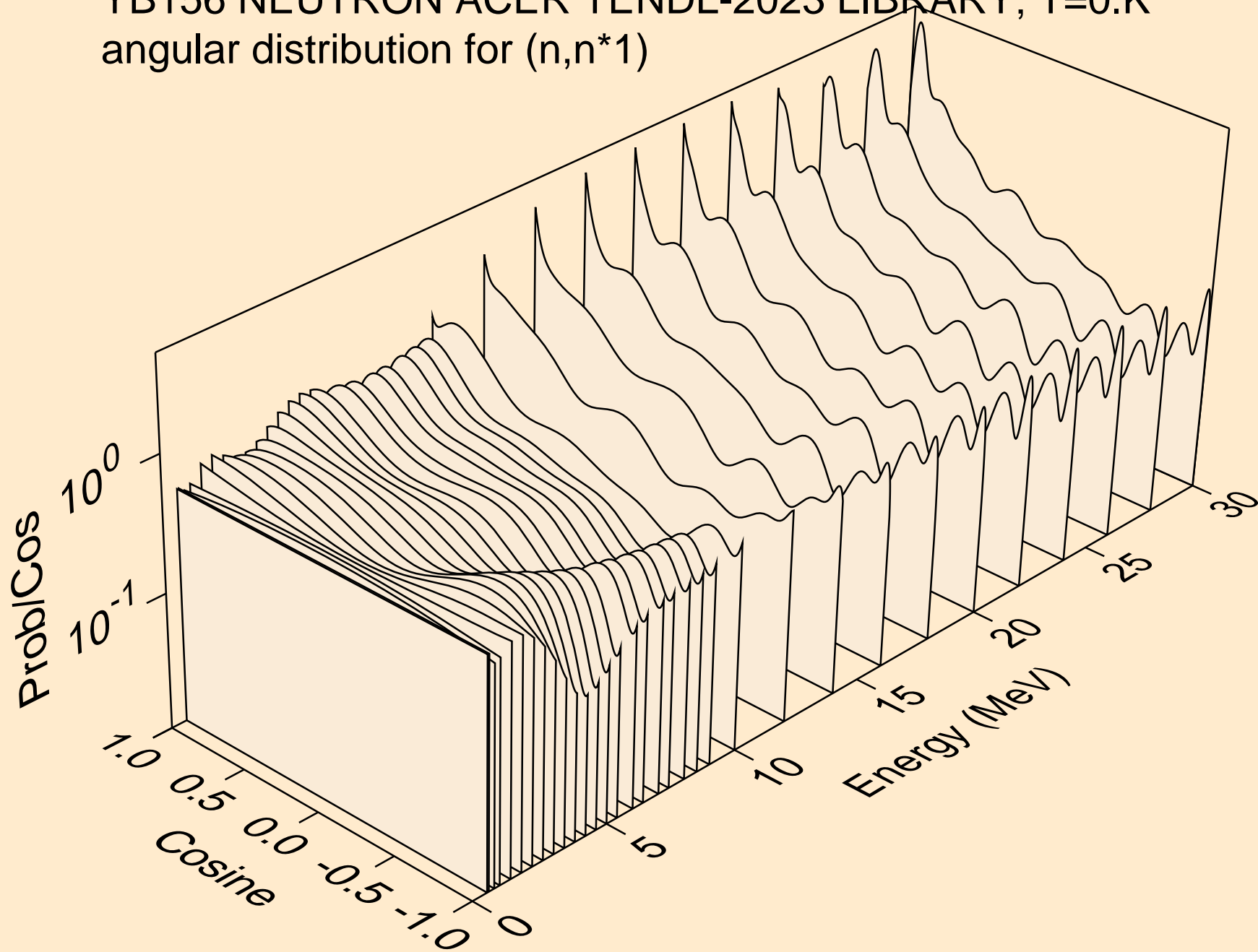
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

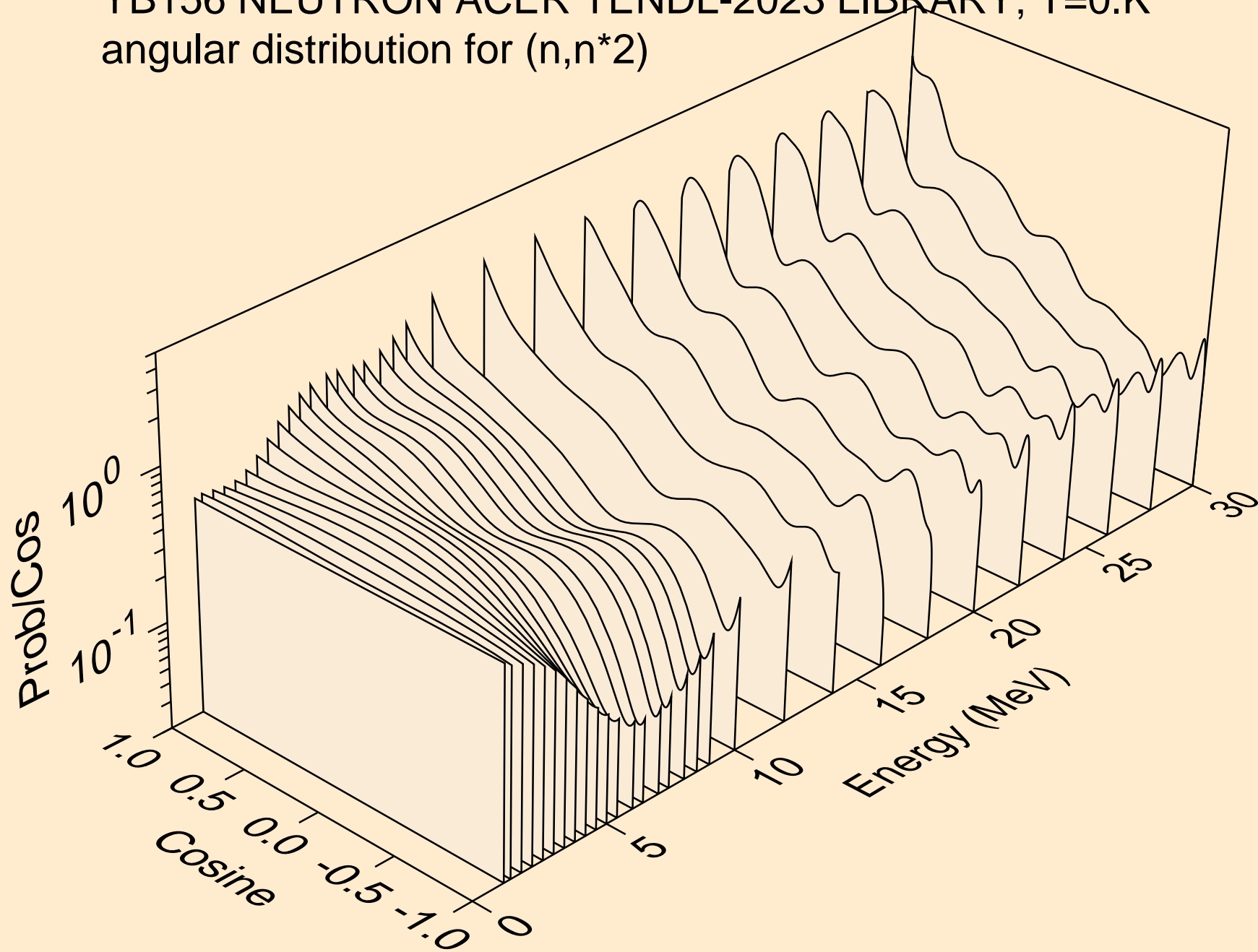


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

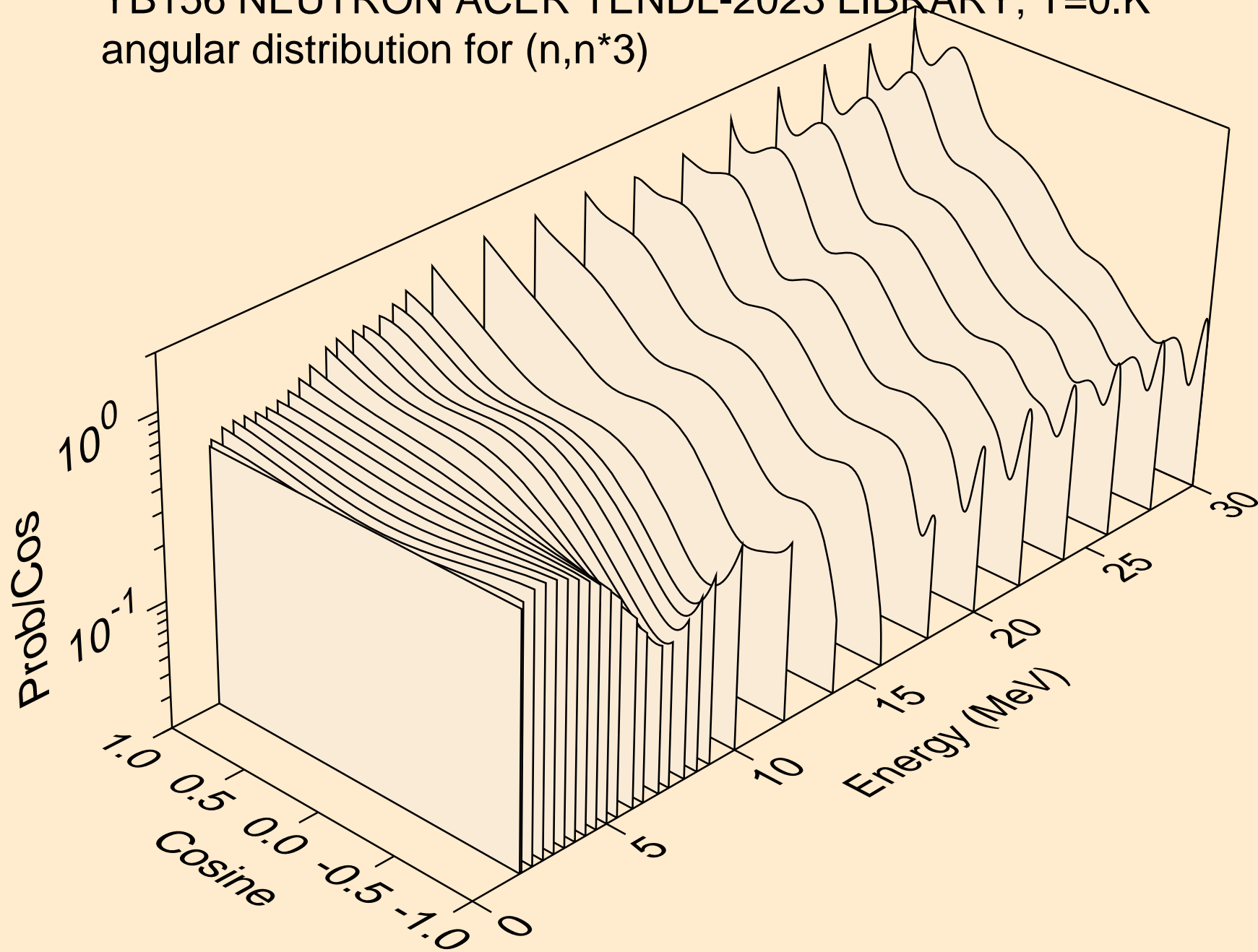




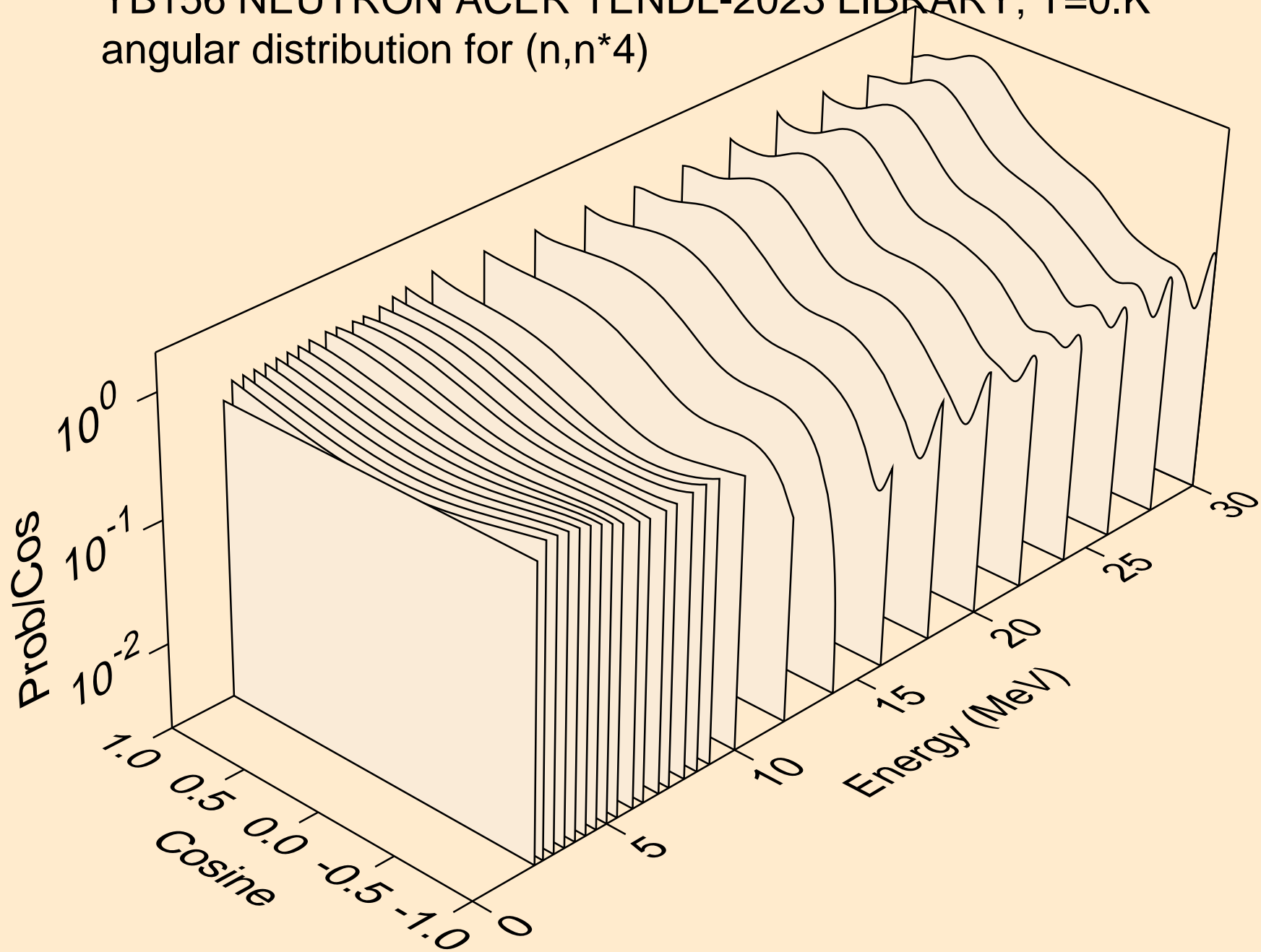
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angular distribution for (n,n\*2)



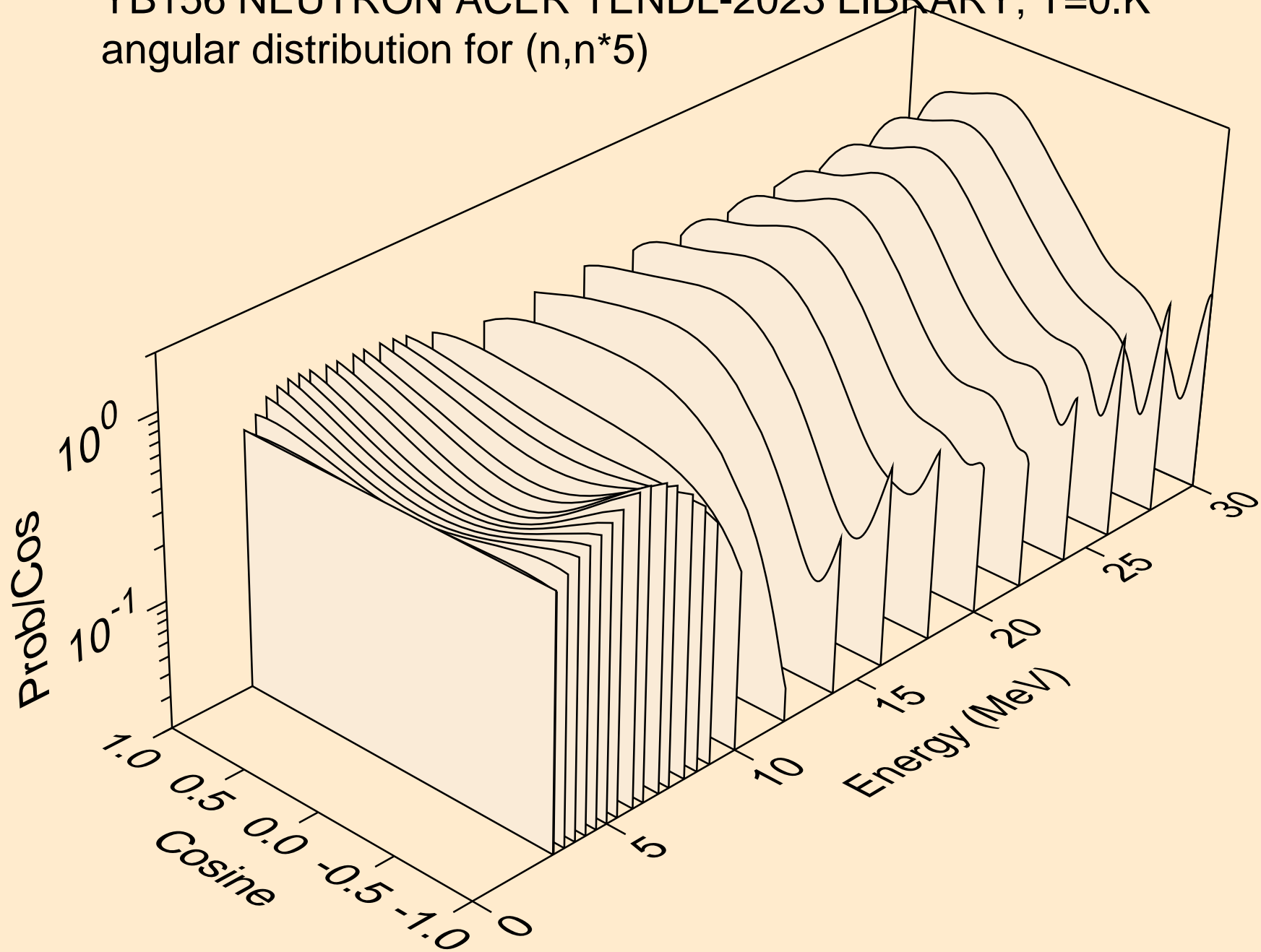
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angular distribution for (n,n\*3)



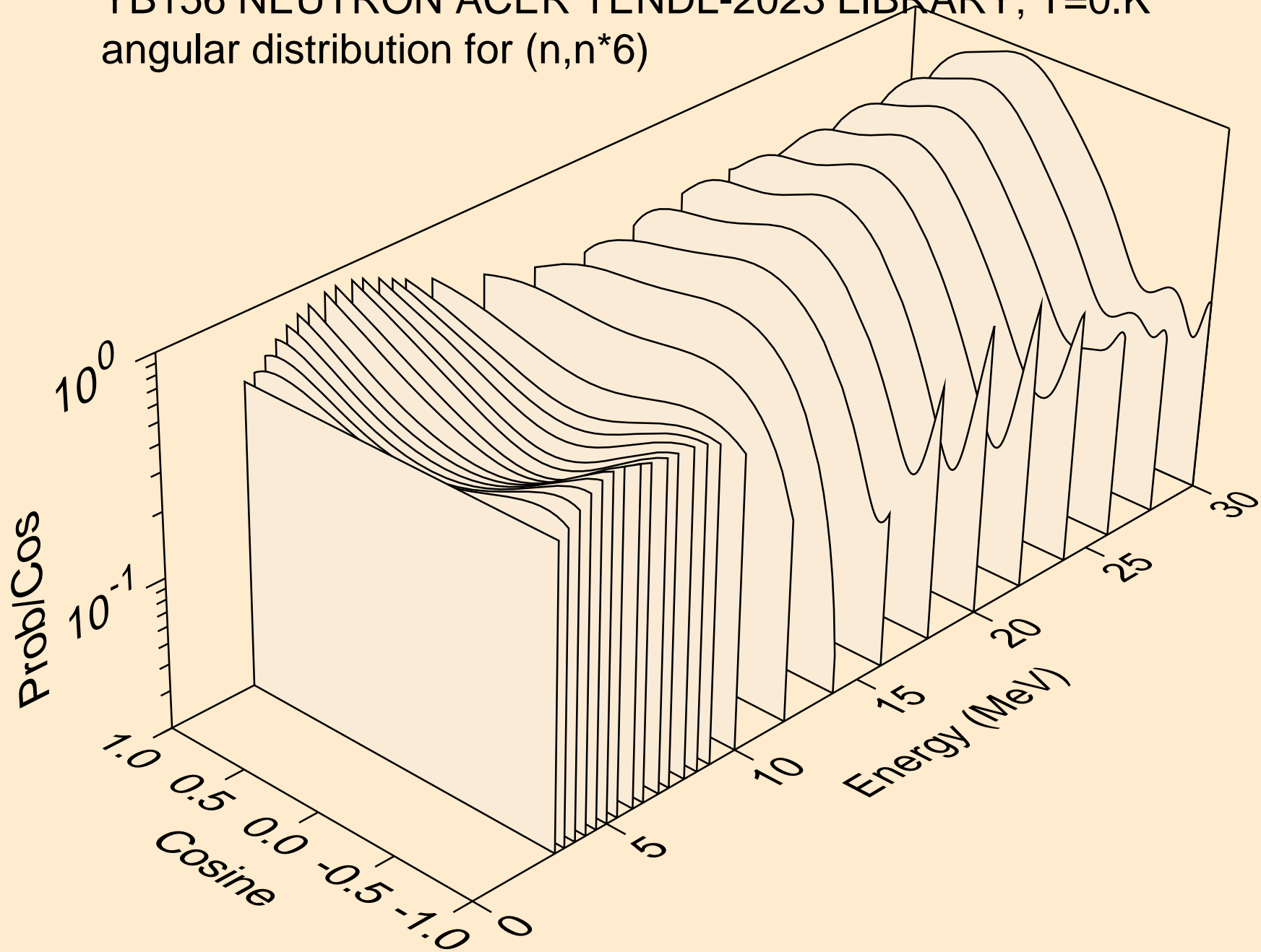
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angular distribution for (n,n\*4)



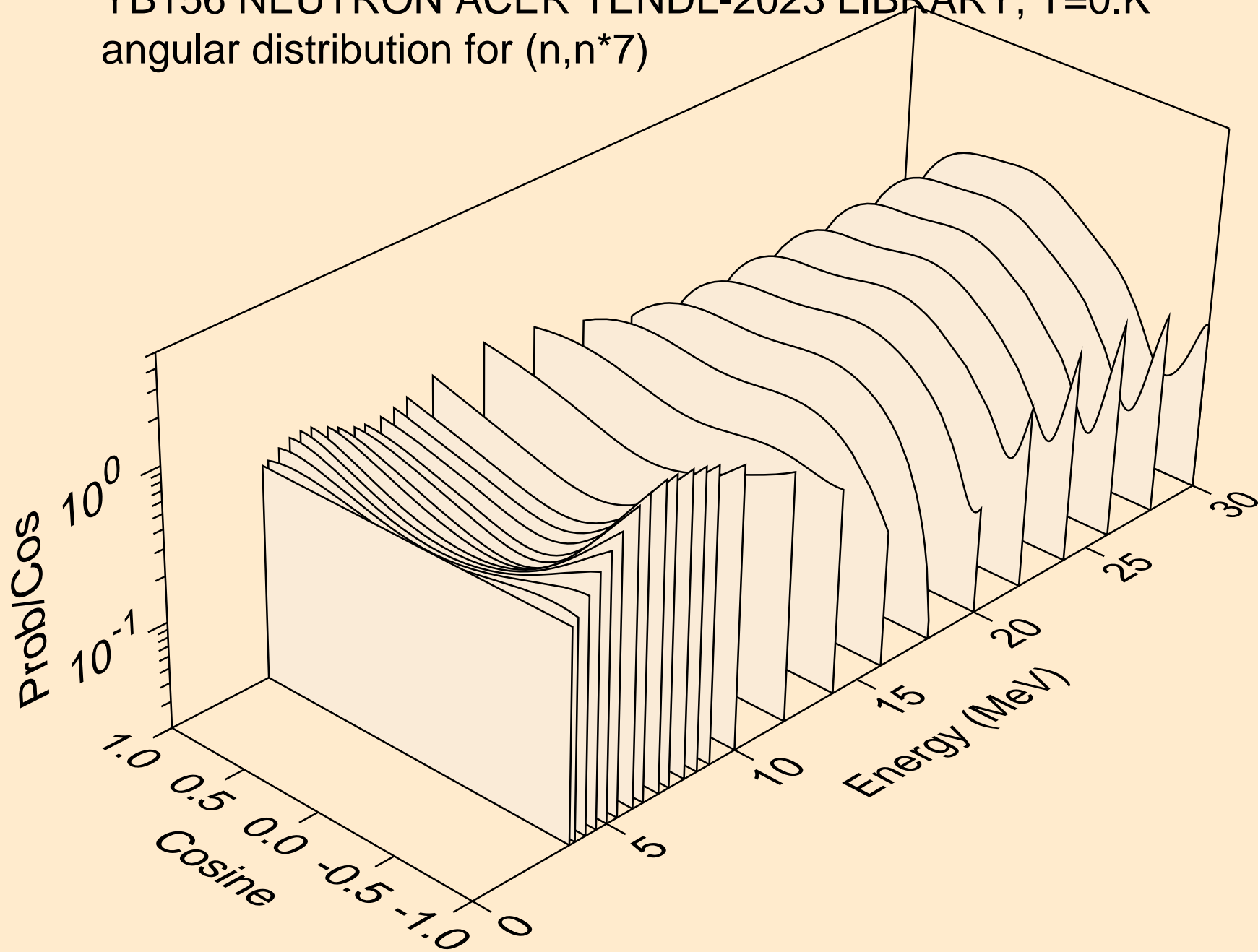
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angular distribution for (n,n\*5)



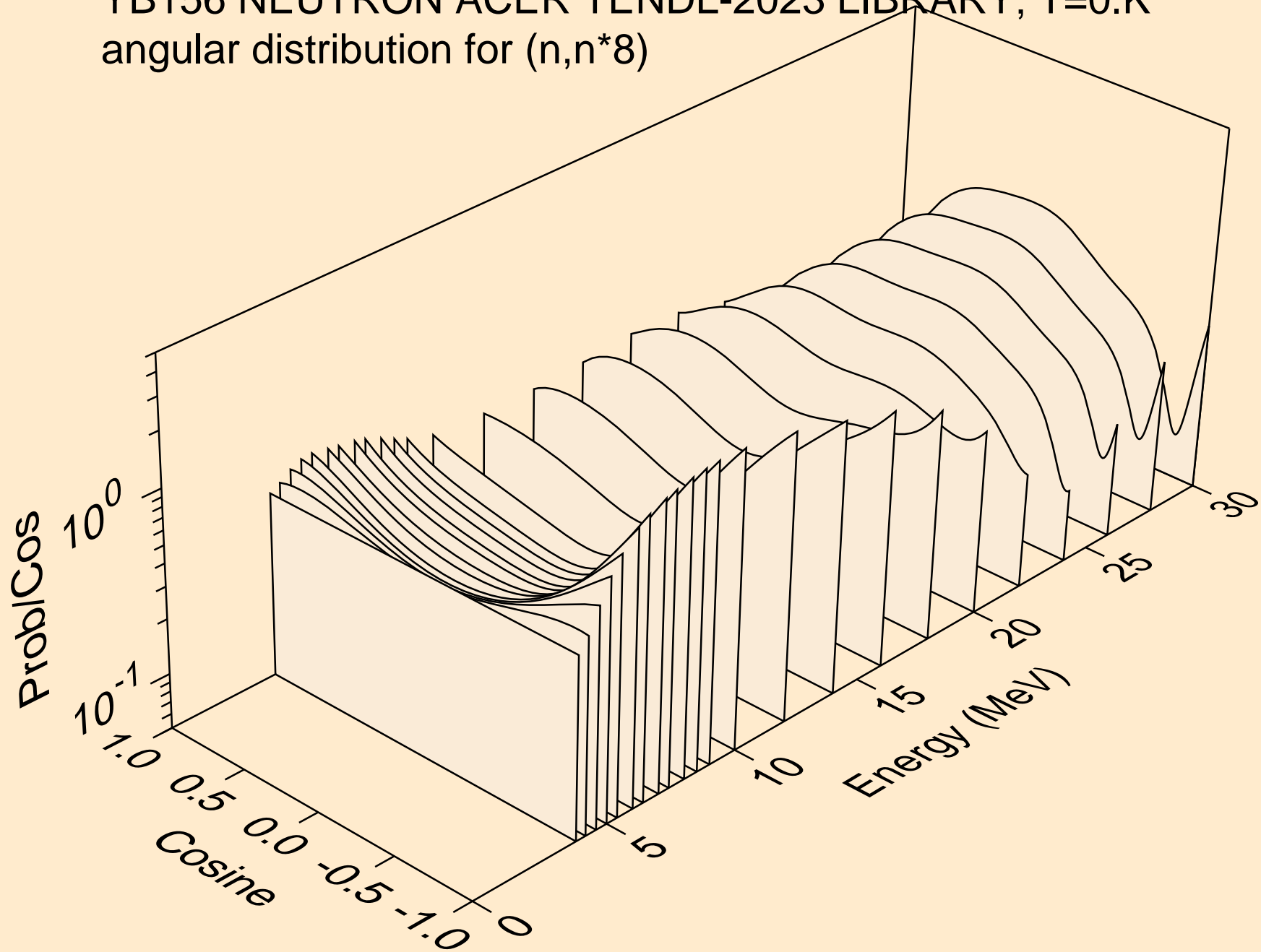
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angular distribution for (n,n\*6)



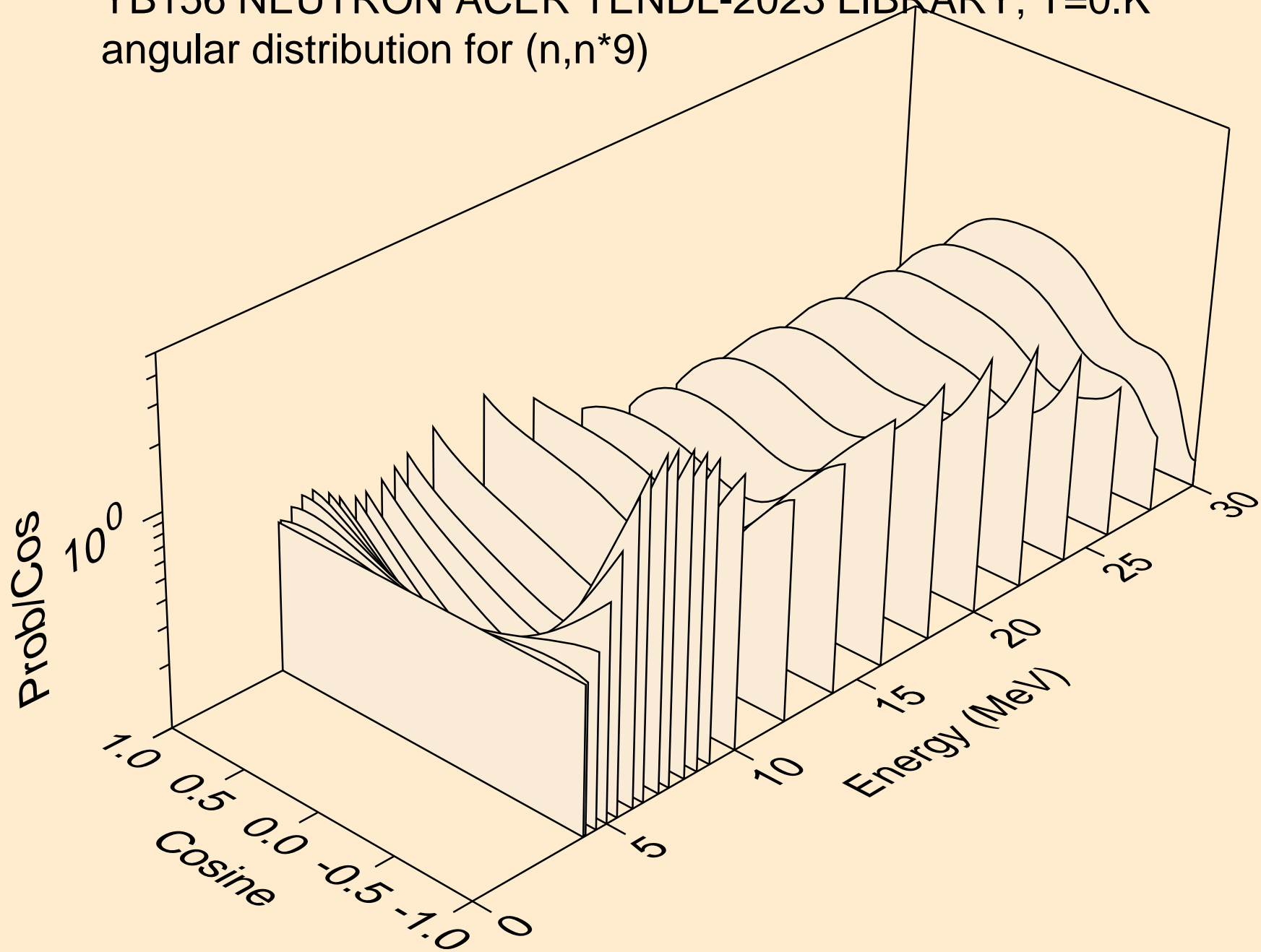
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

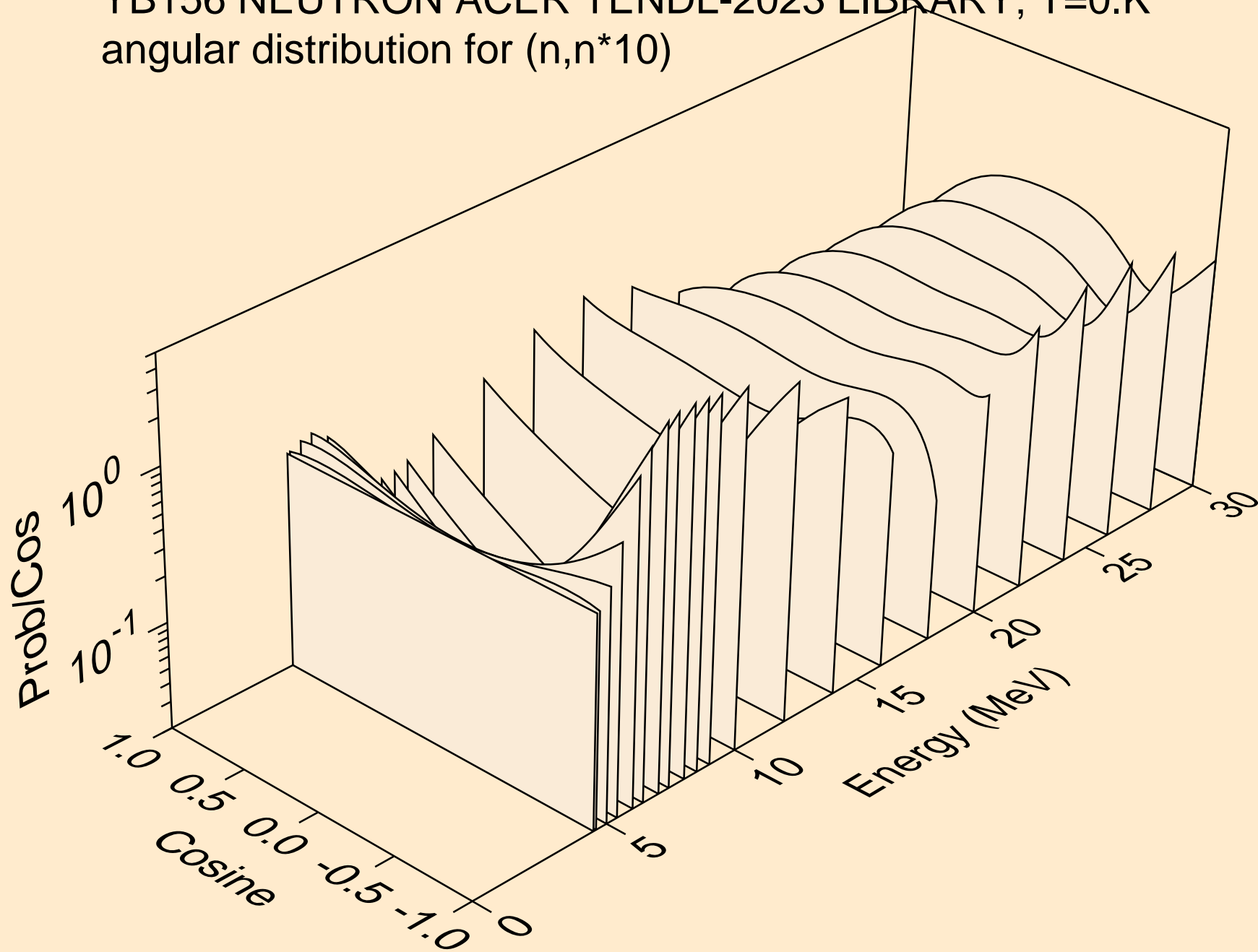


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

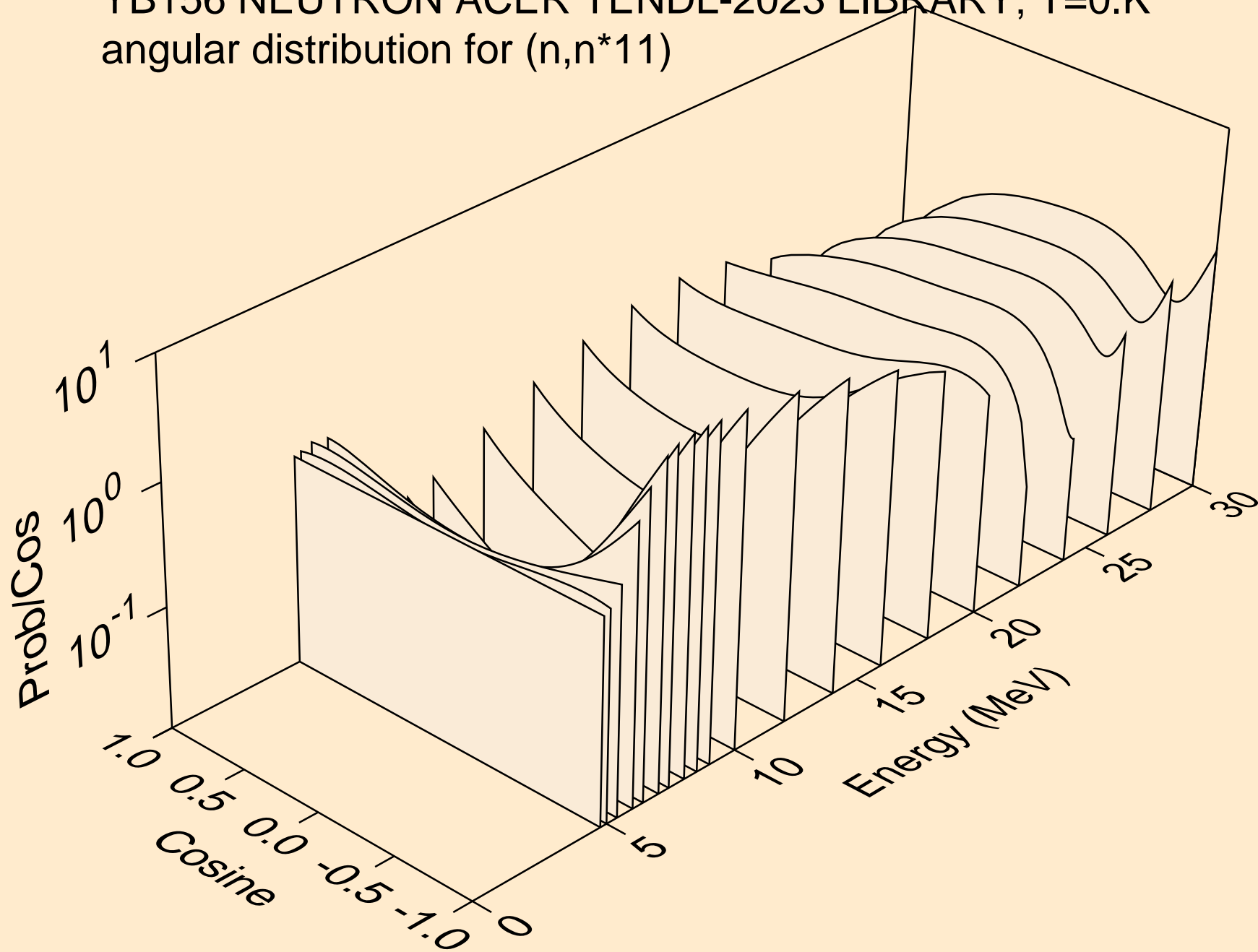




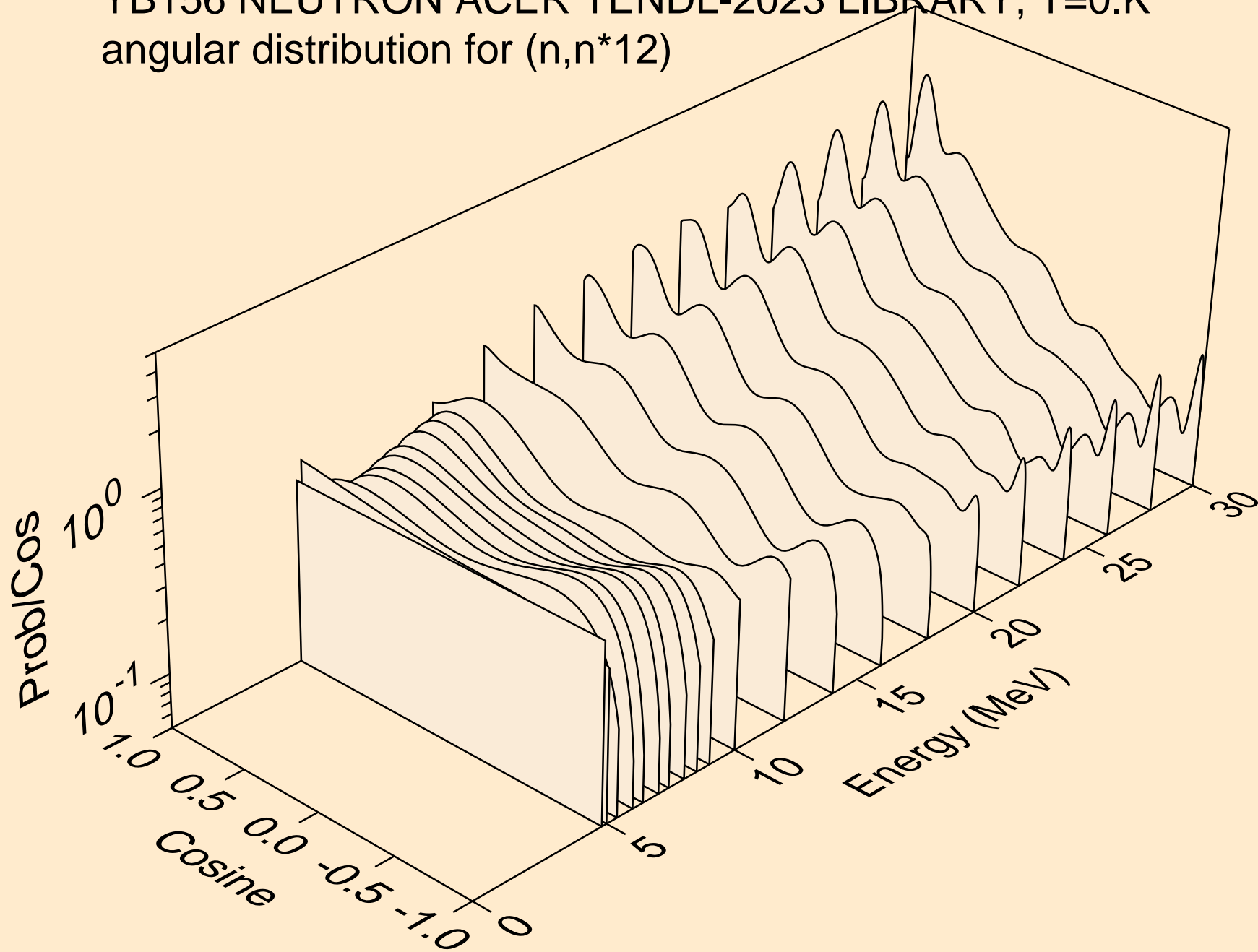
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angular distribution for (n,n\*10)



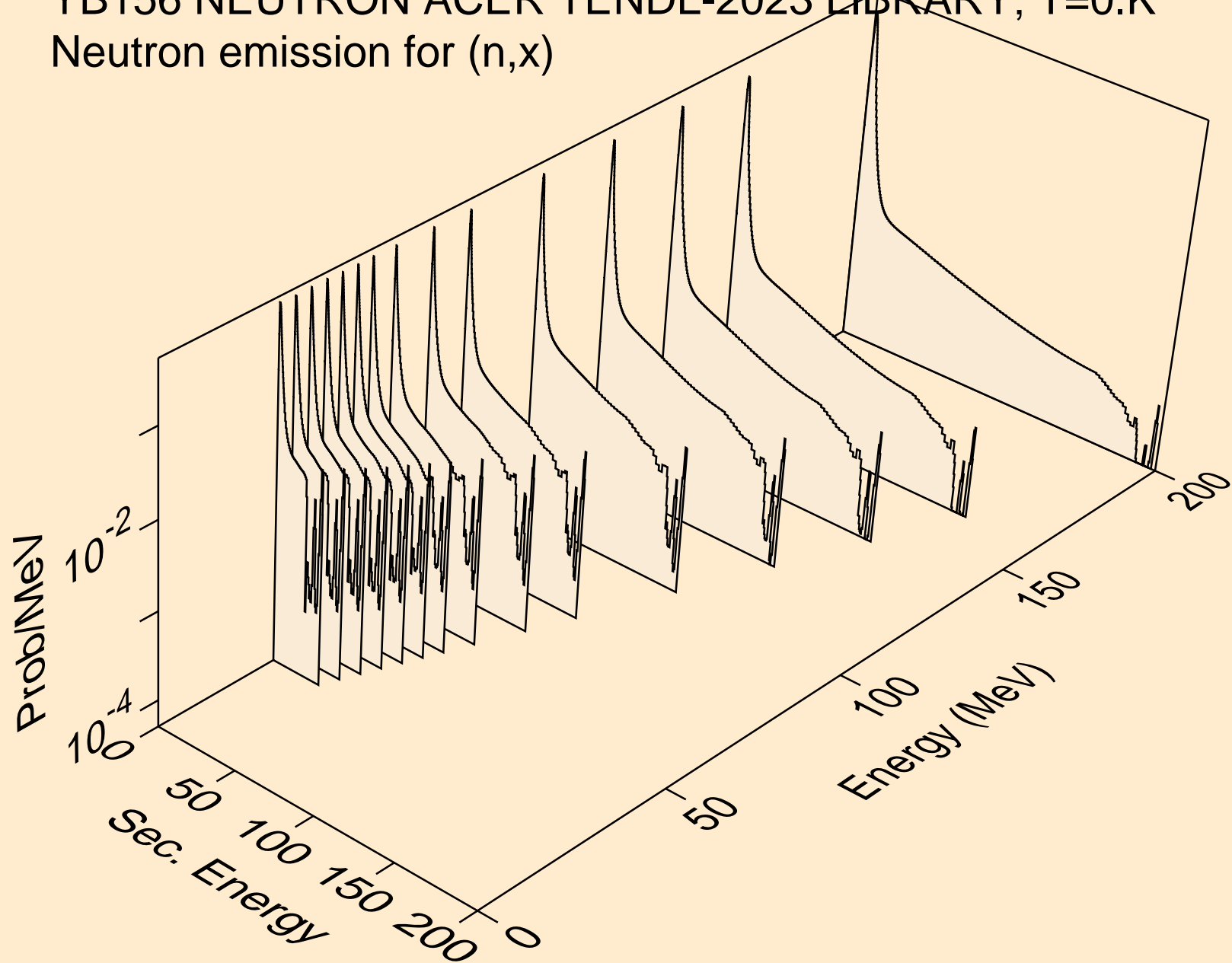
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angular distribution for (n,n\*11)



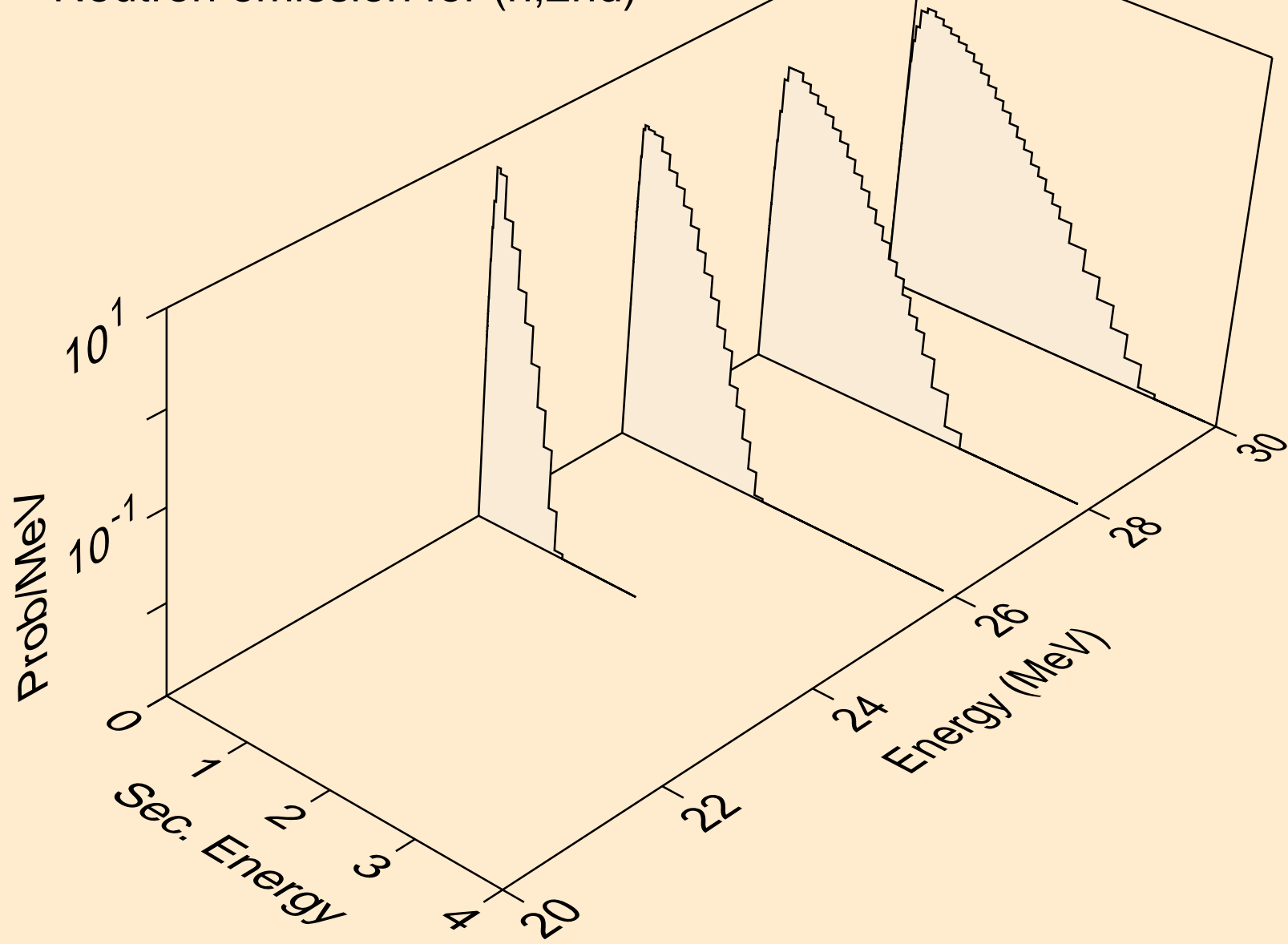
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



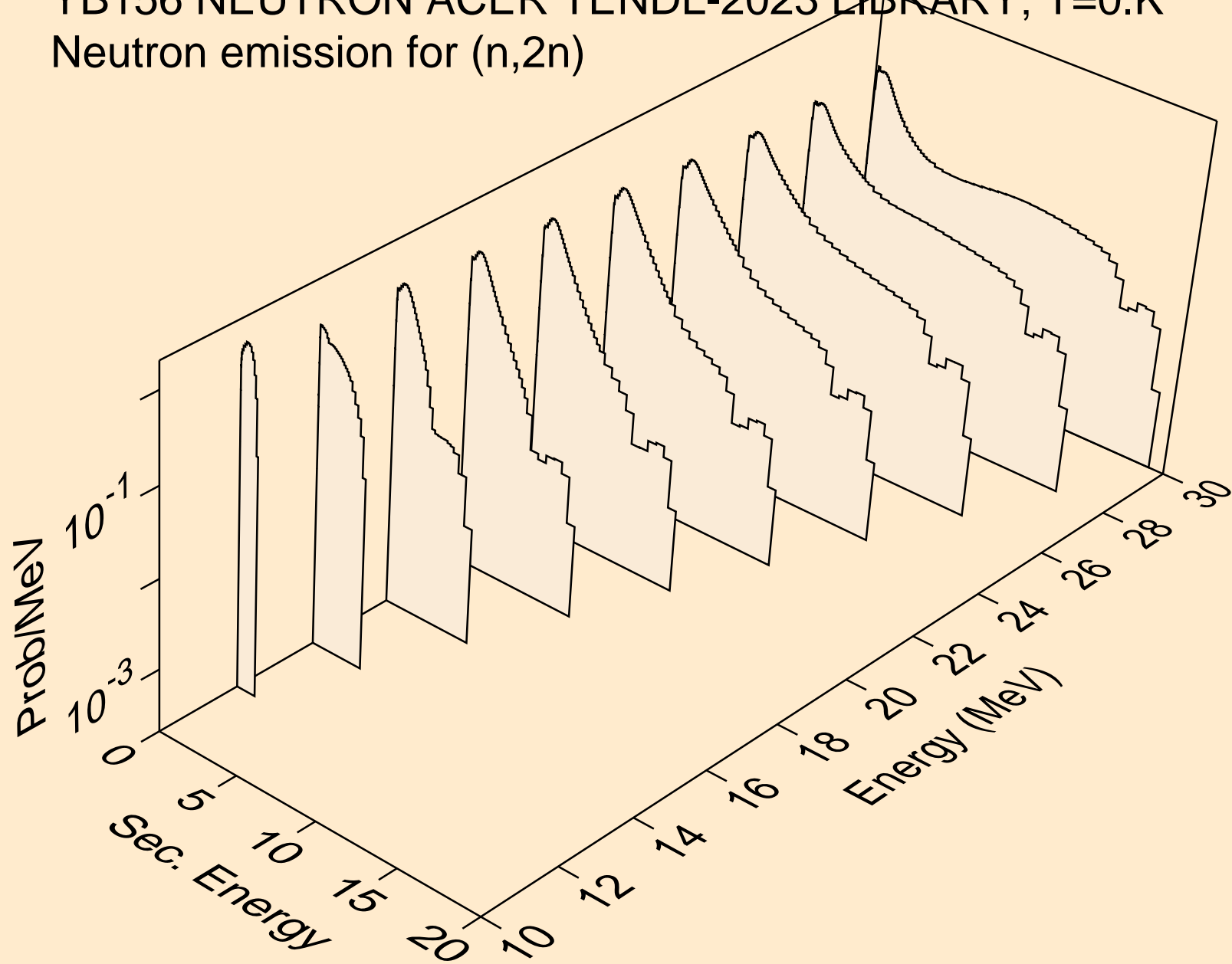
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



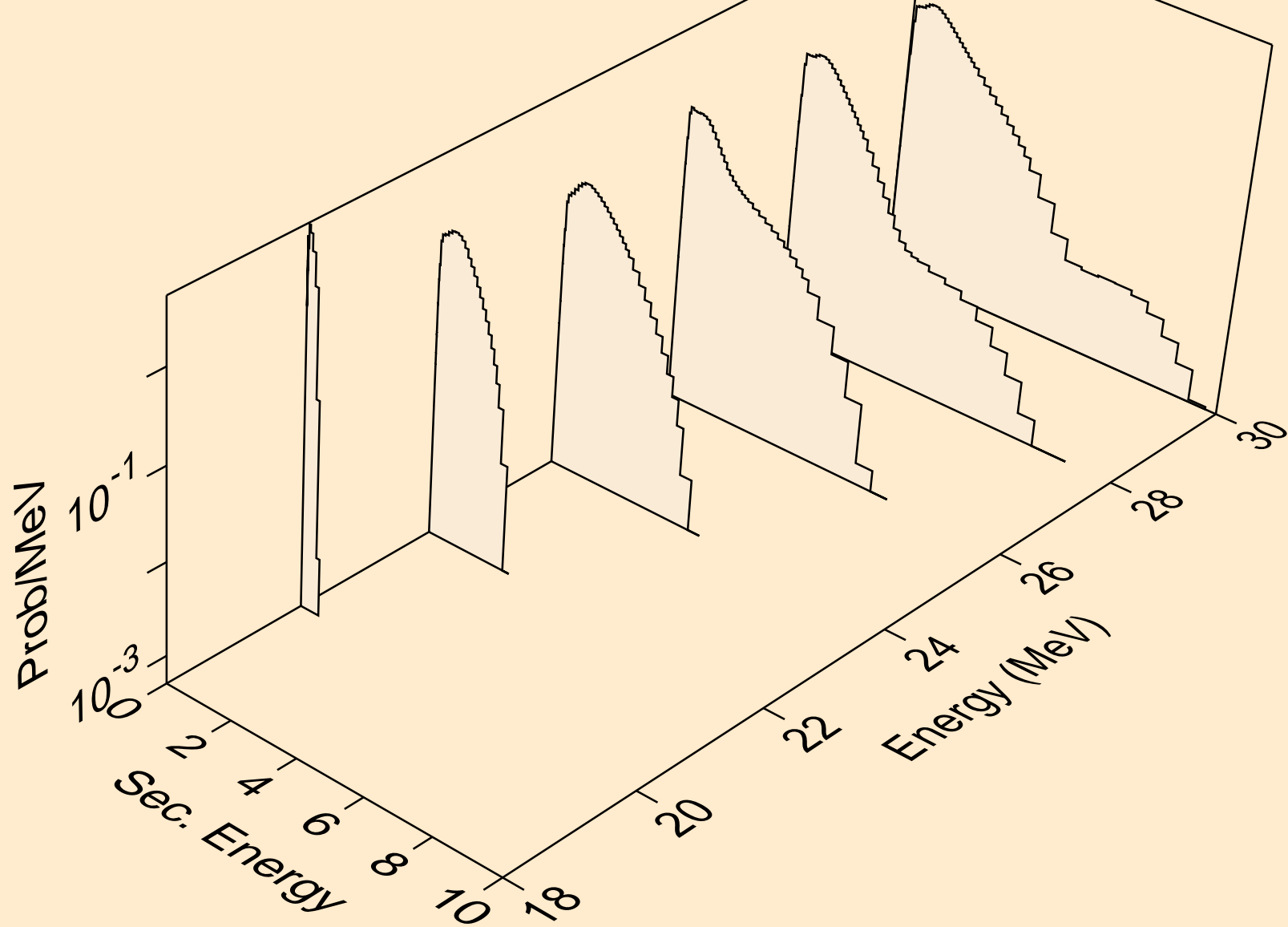
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



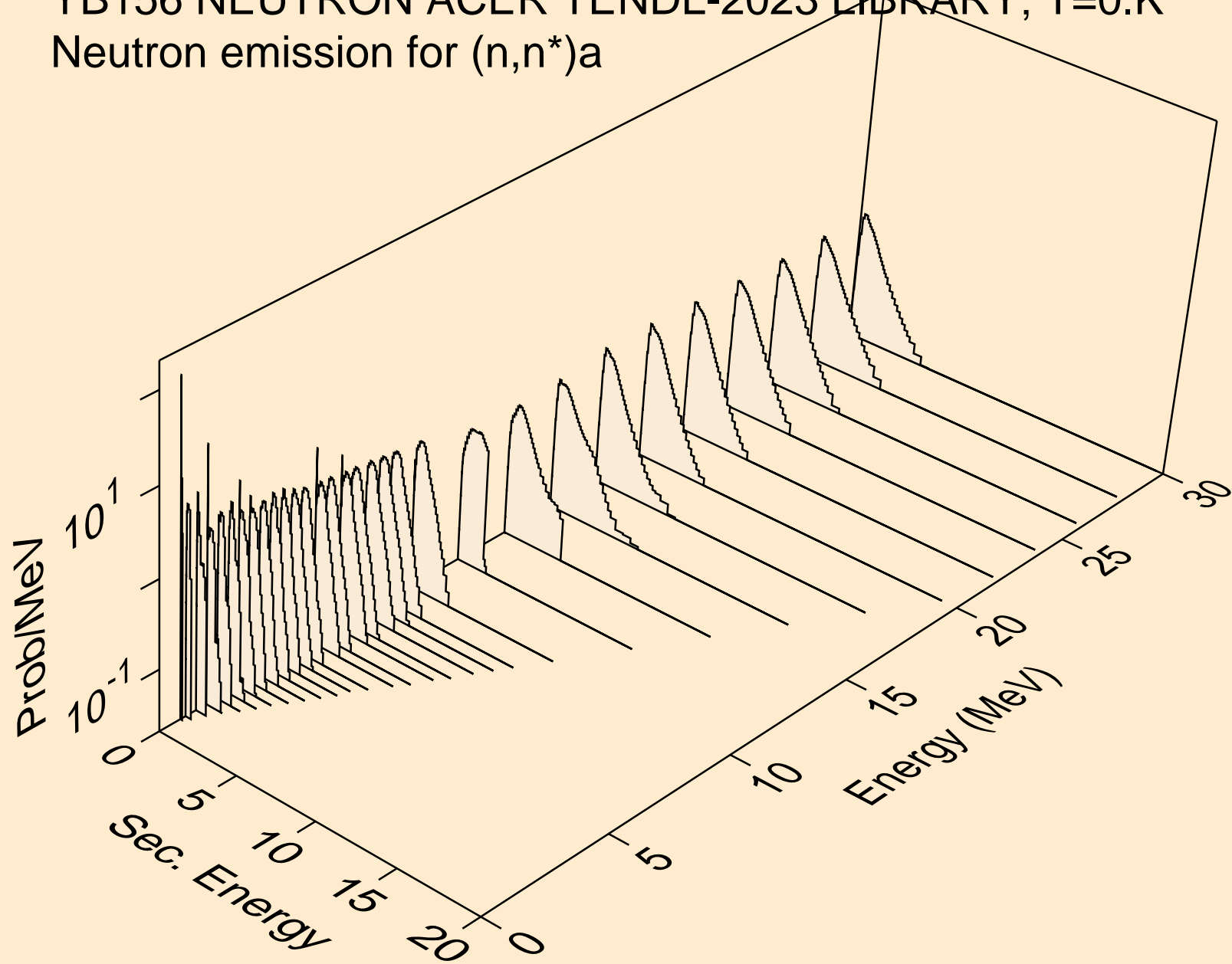
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

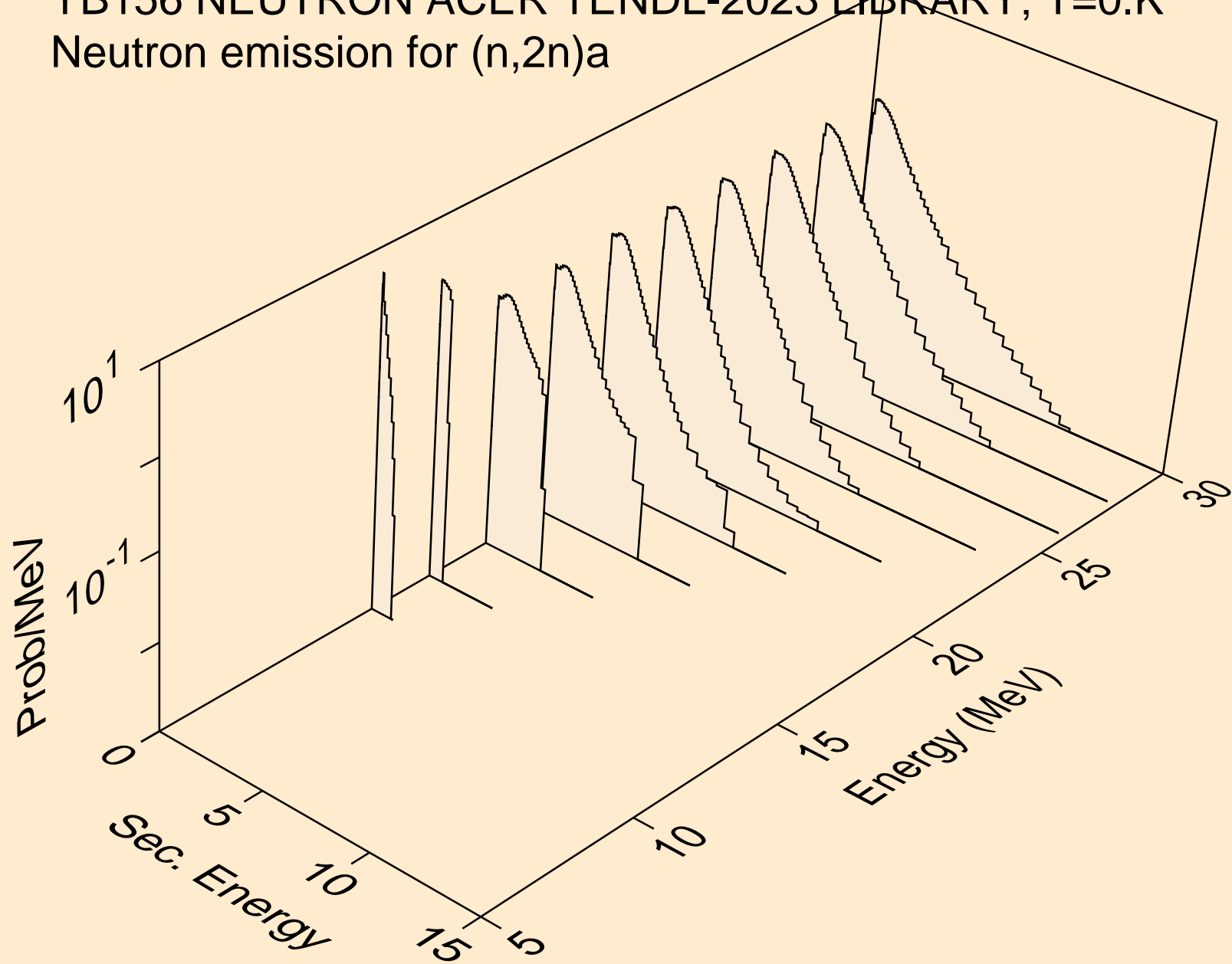


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

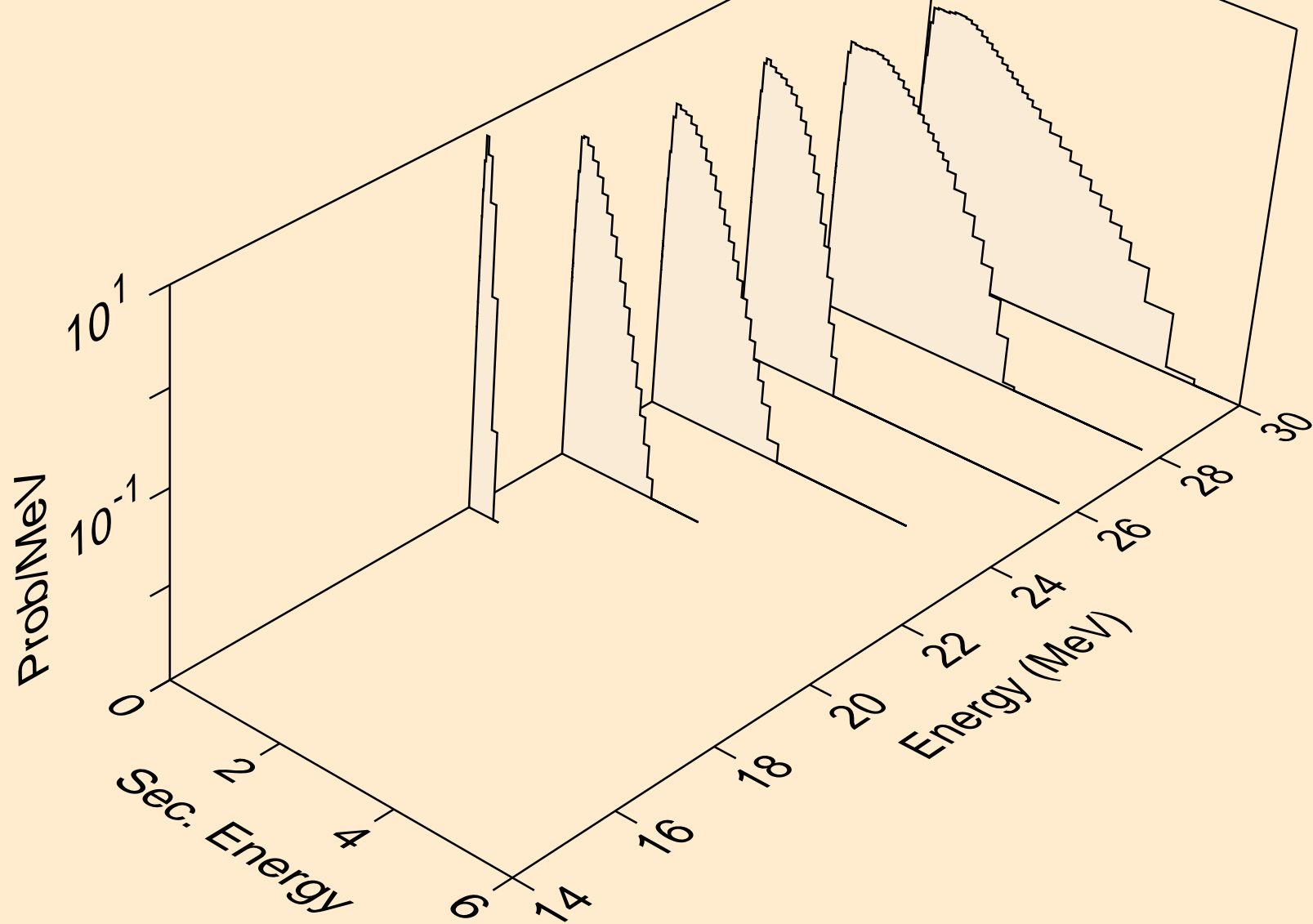




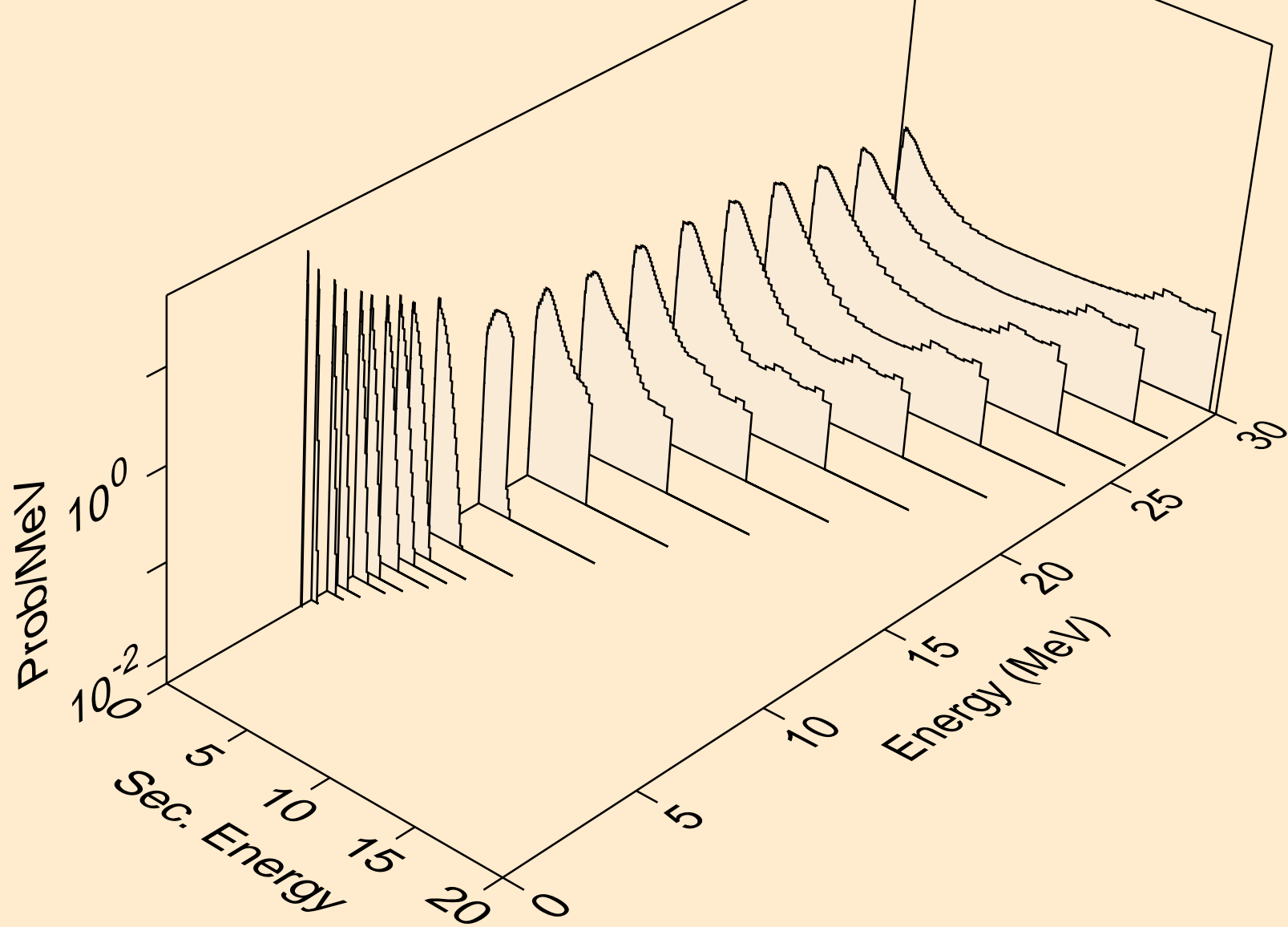
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



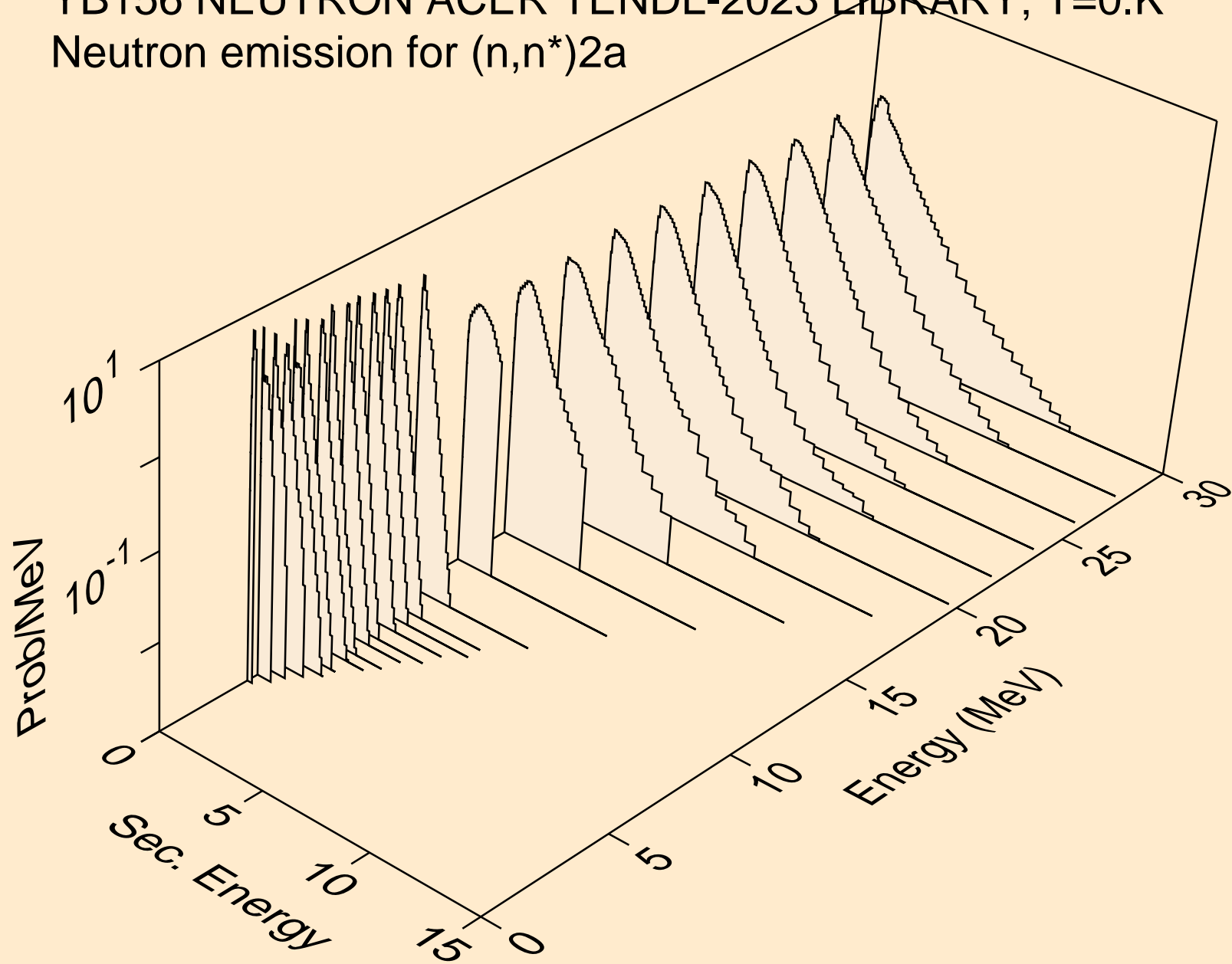
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



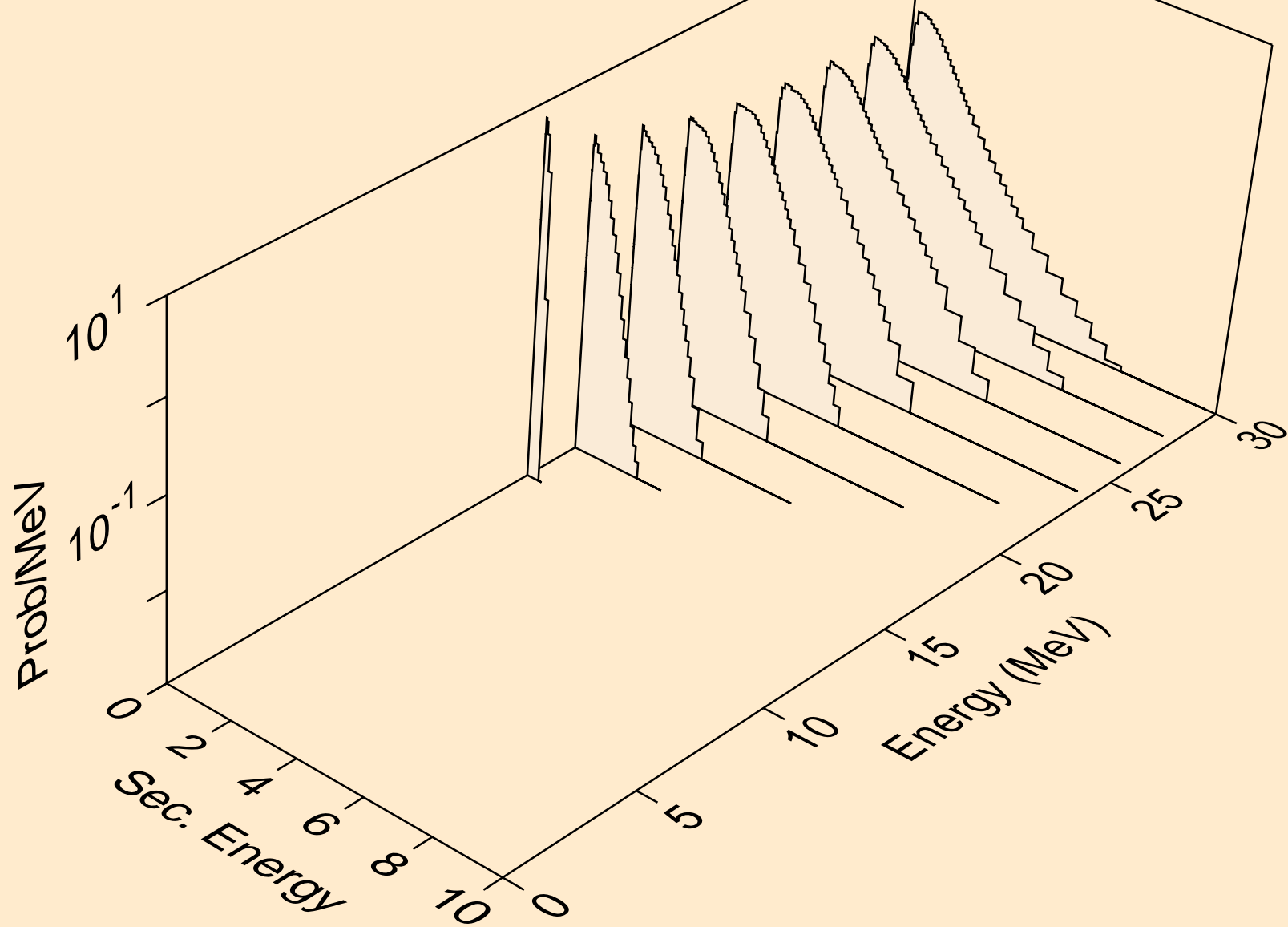
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



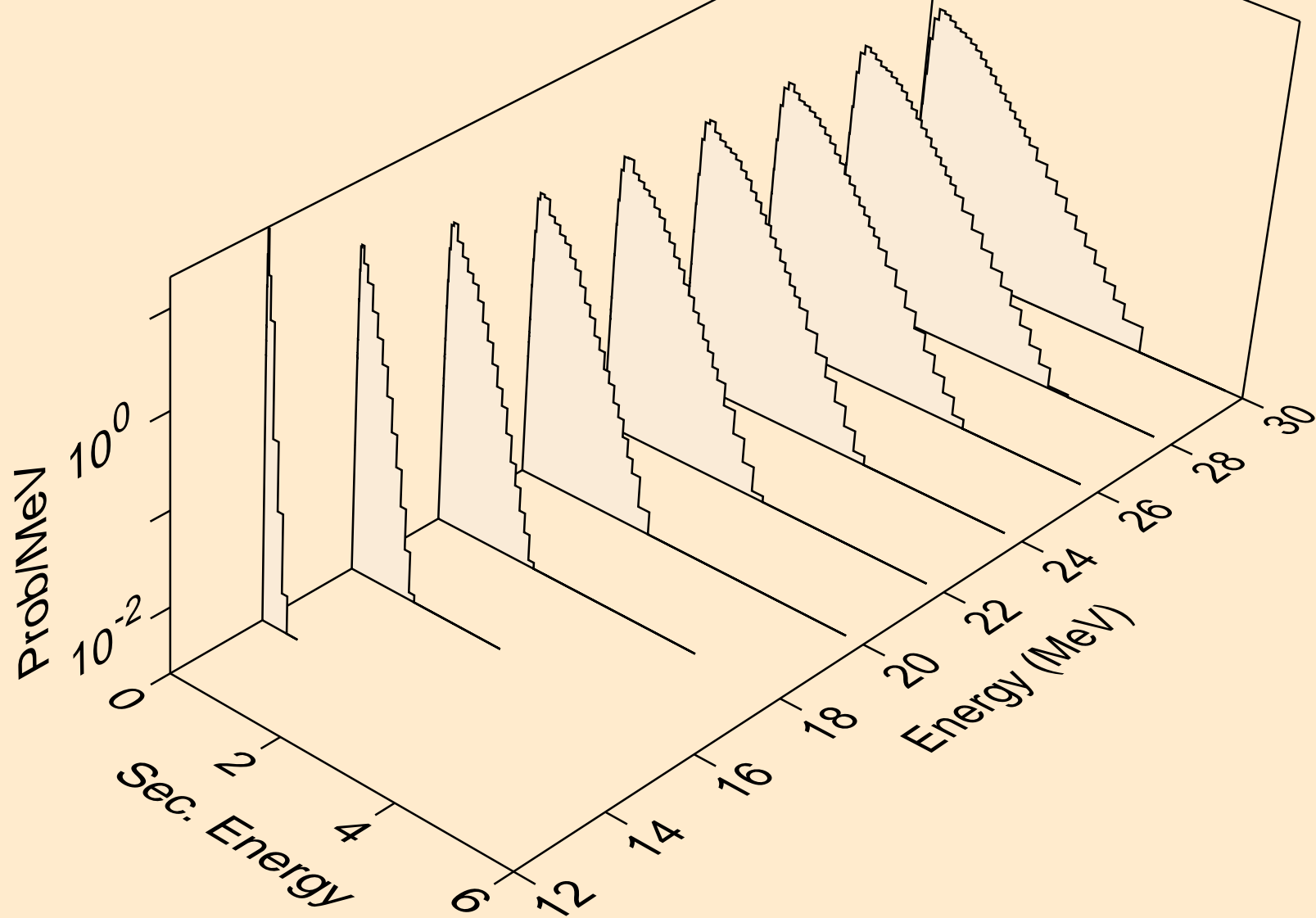
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Neutron emission for (n,n\*)2a



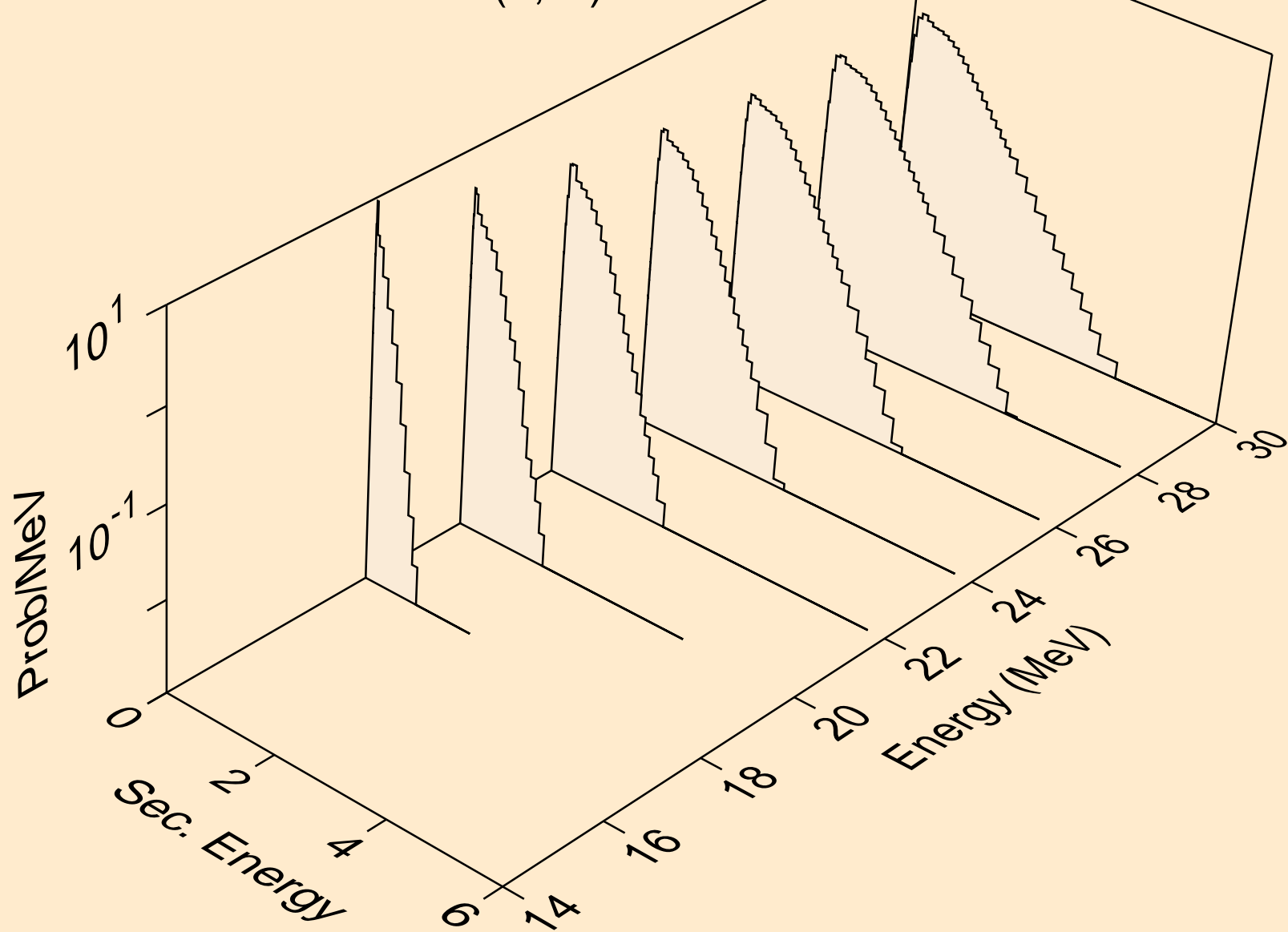
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



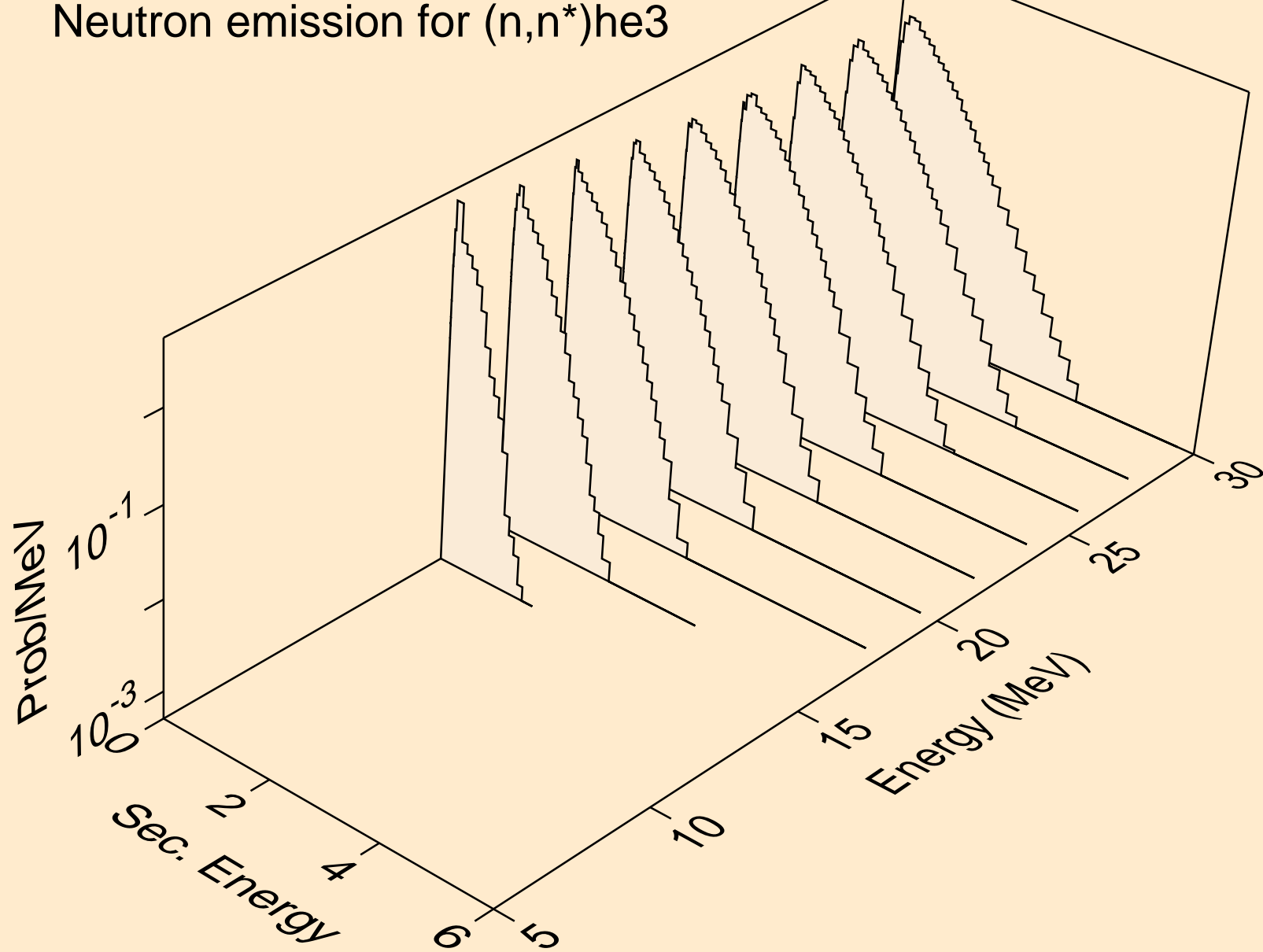
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

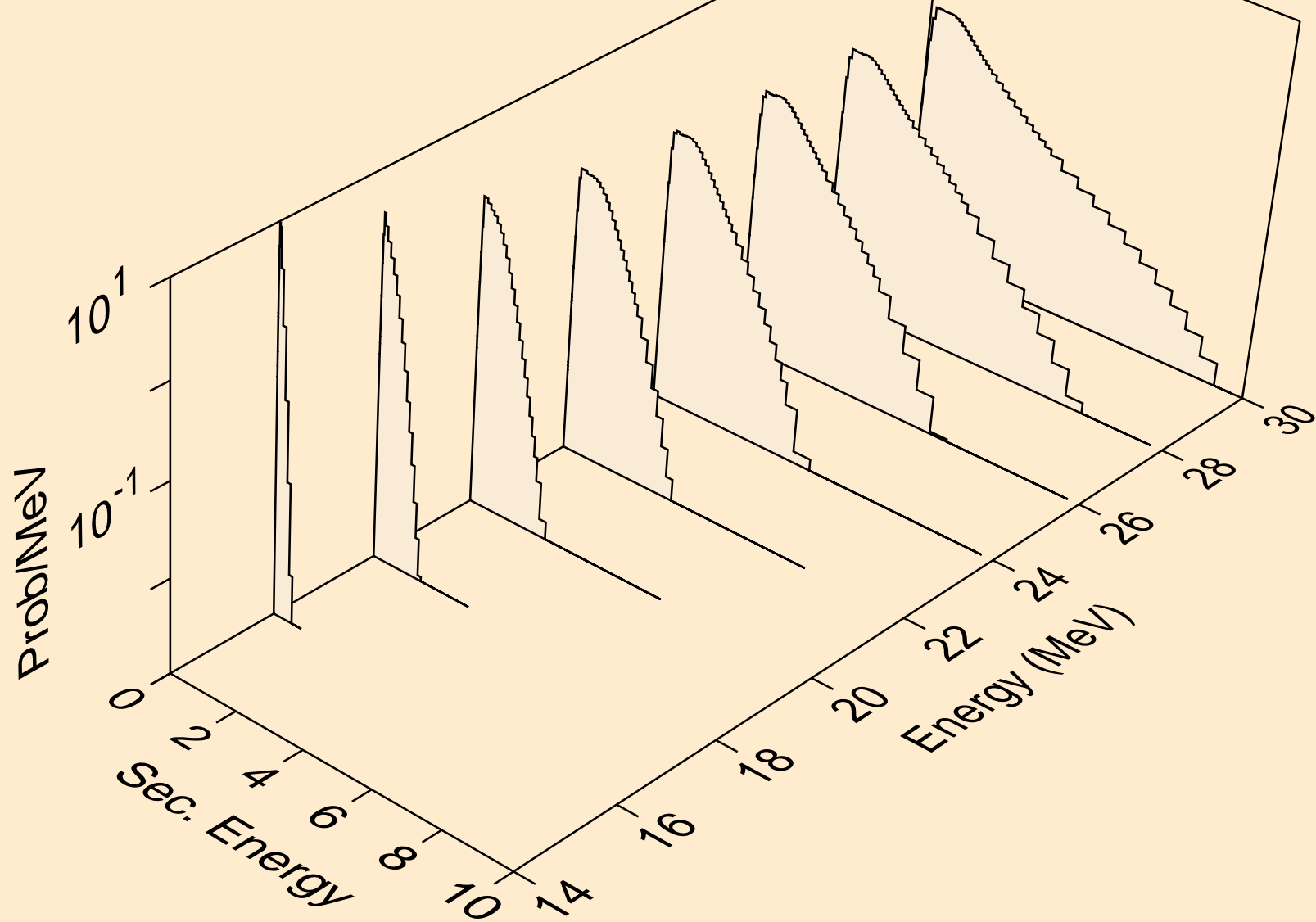


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

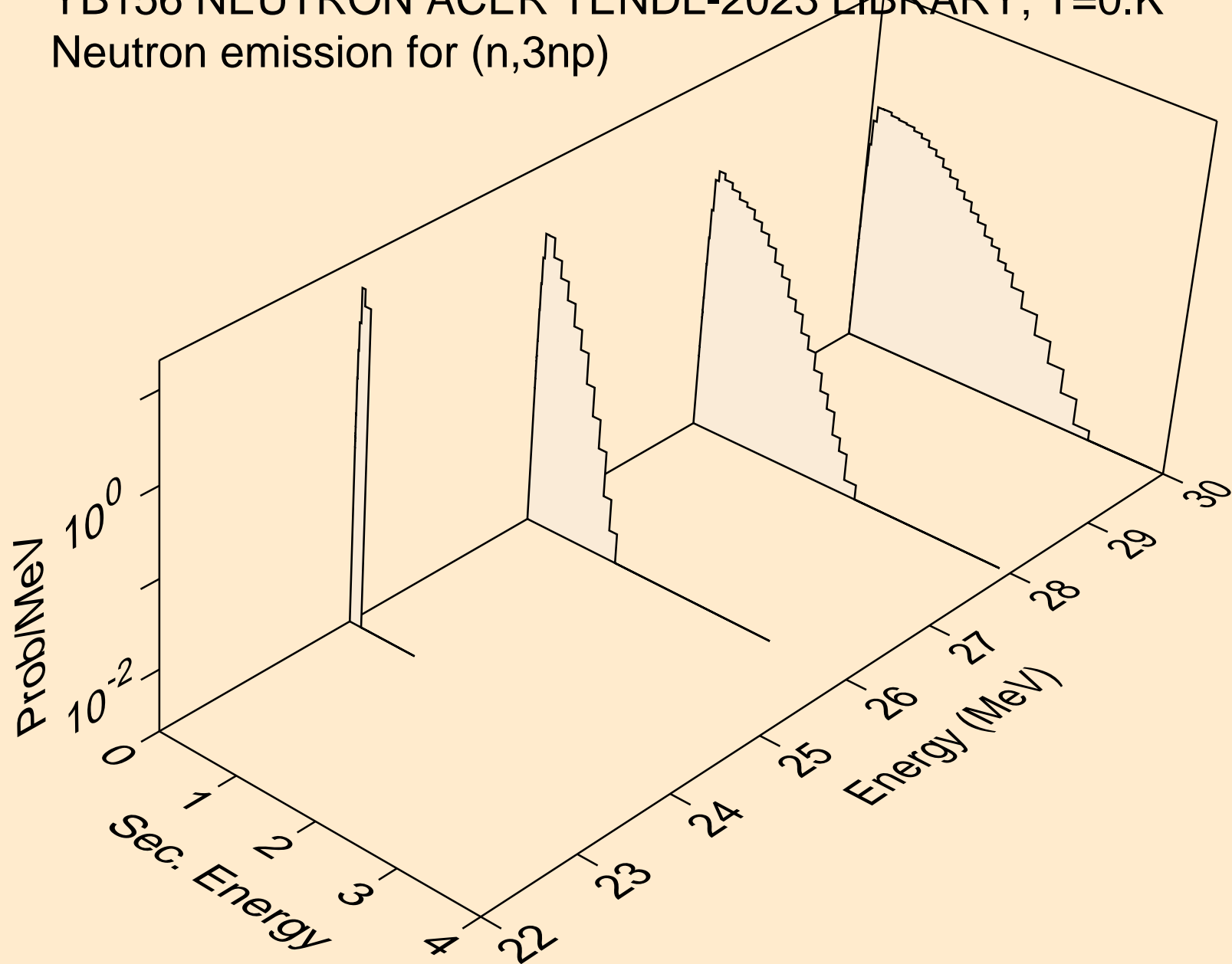




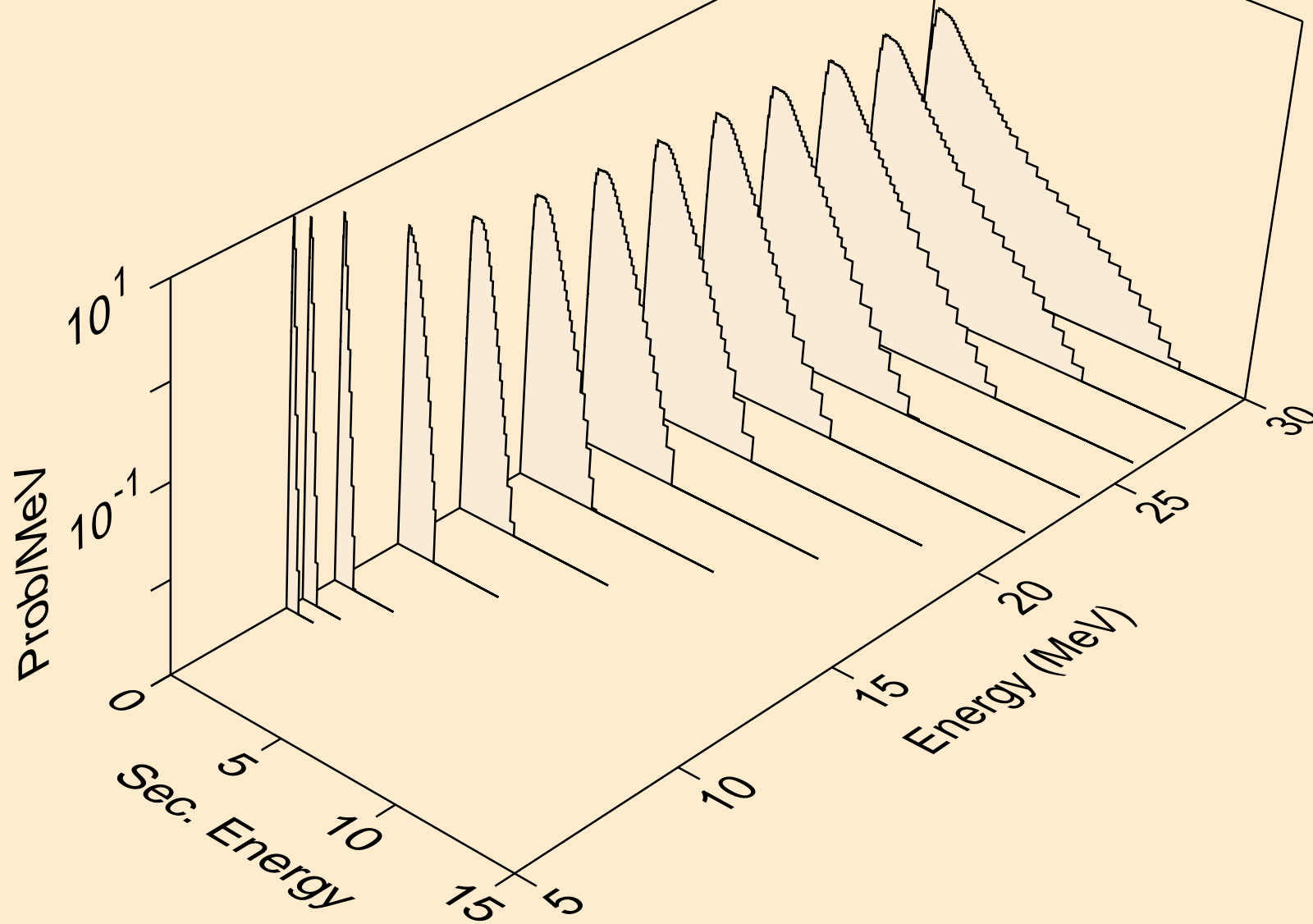
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



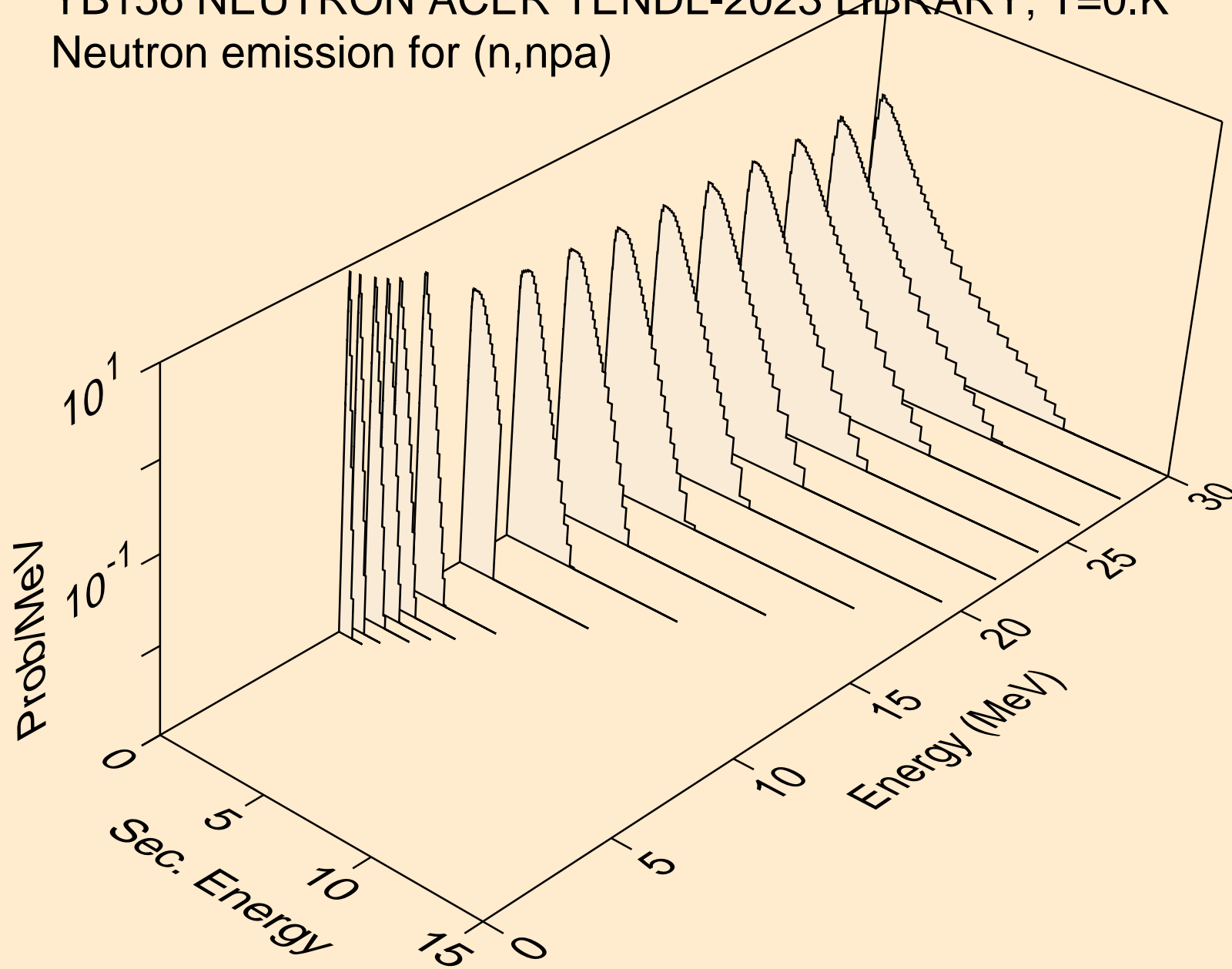
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



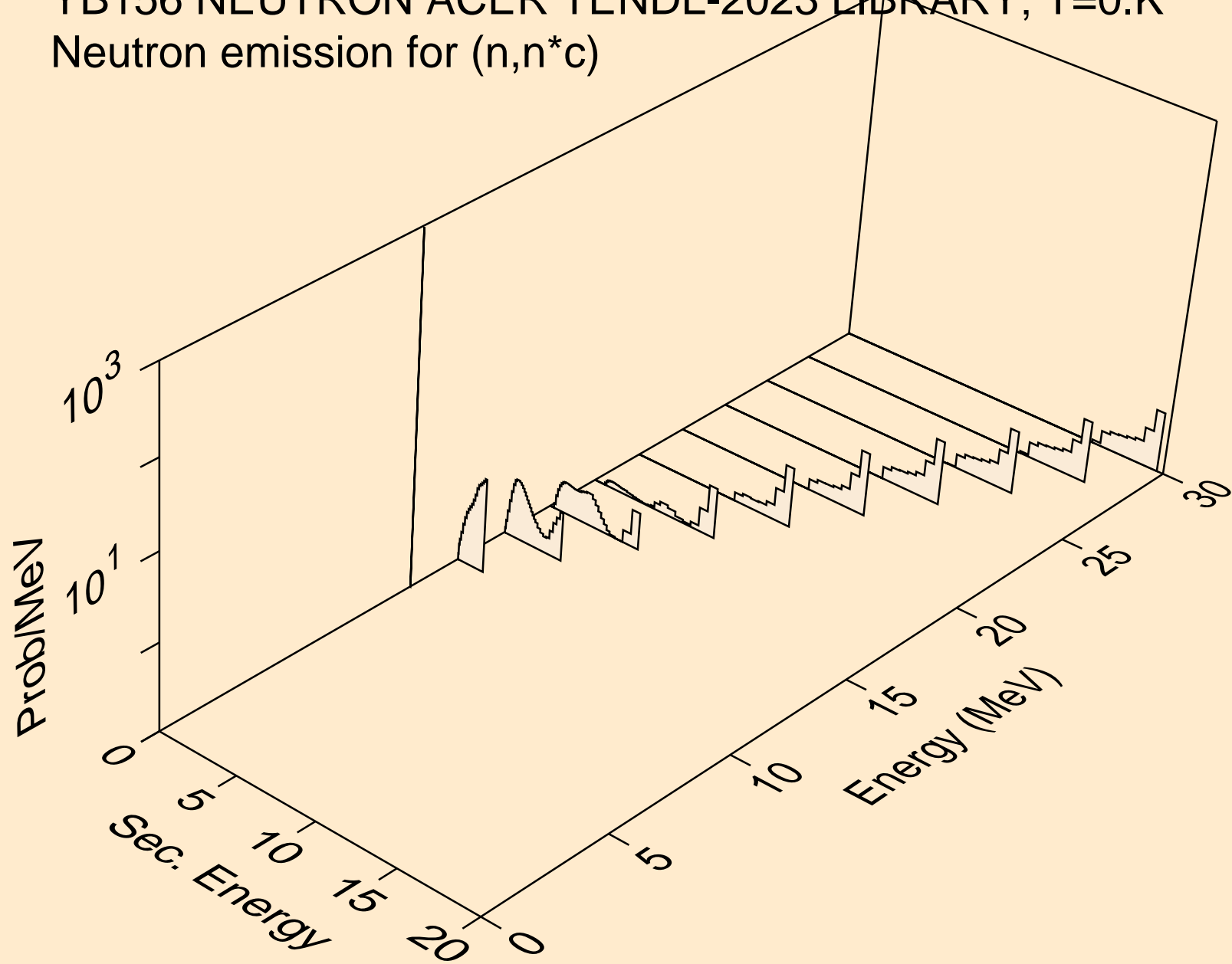
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



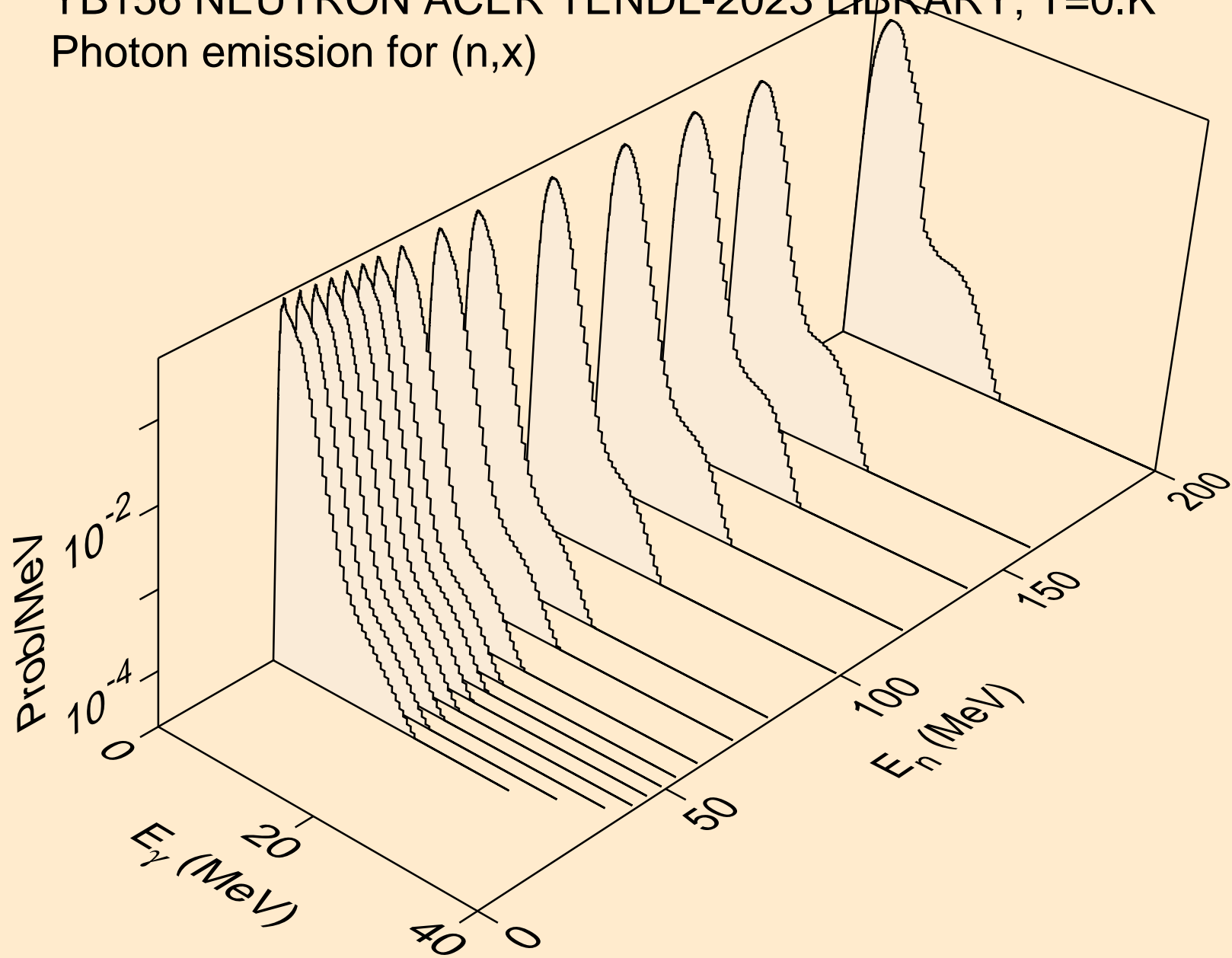
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



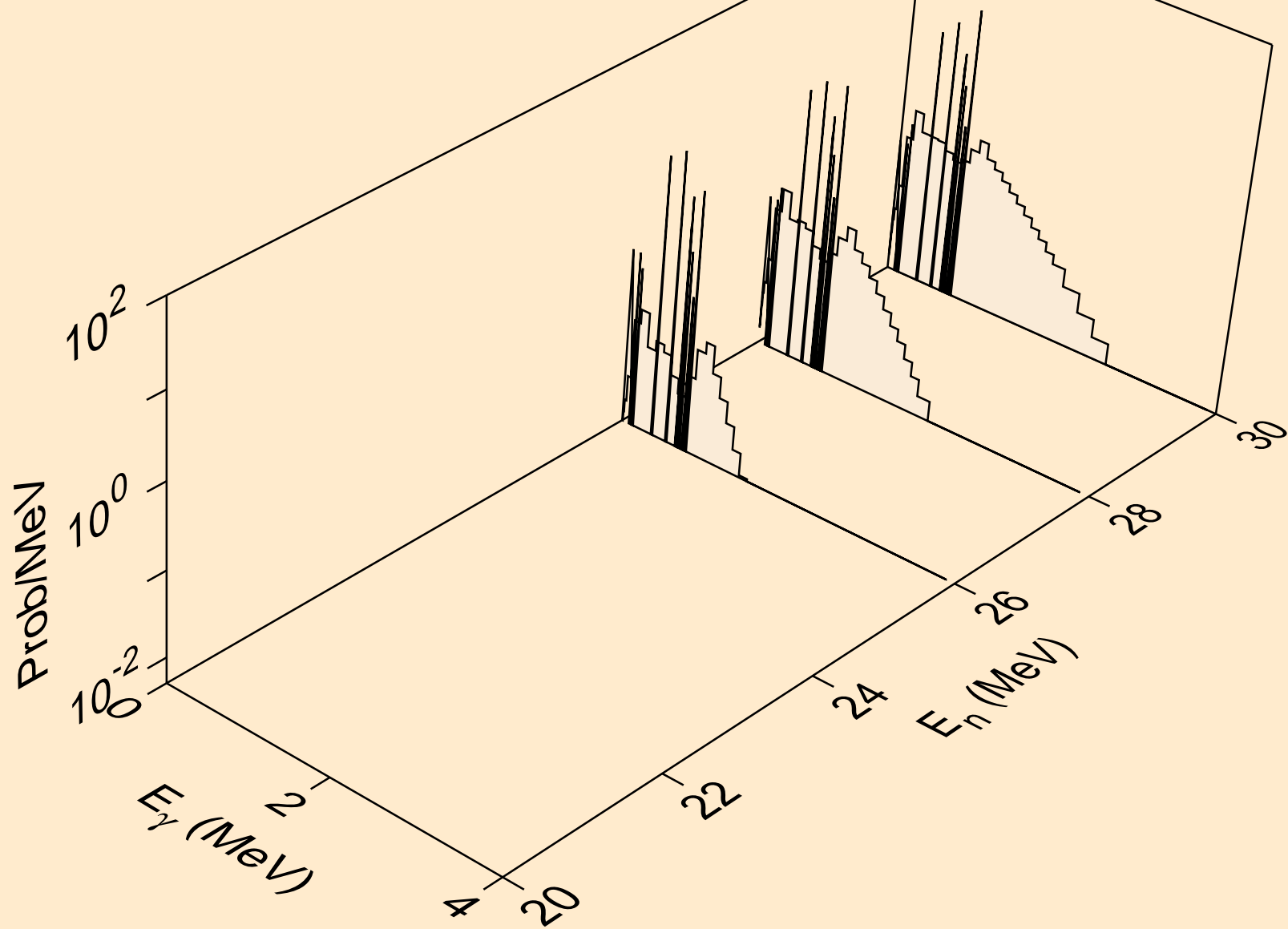
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



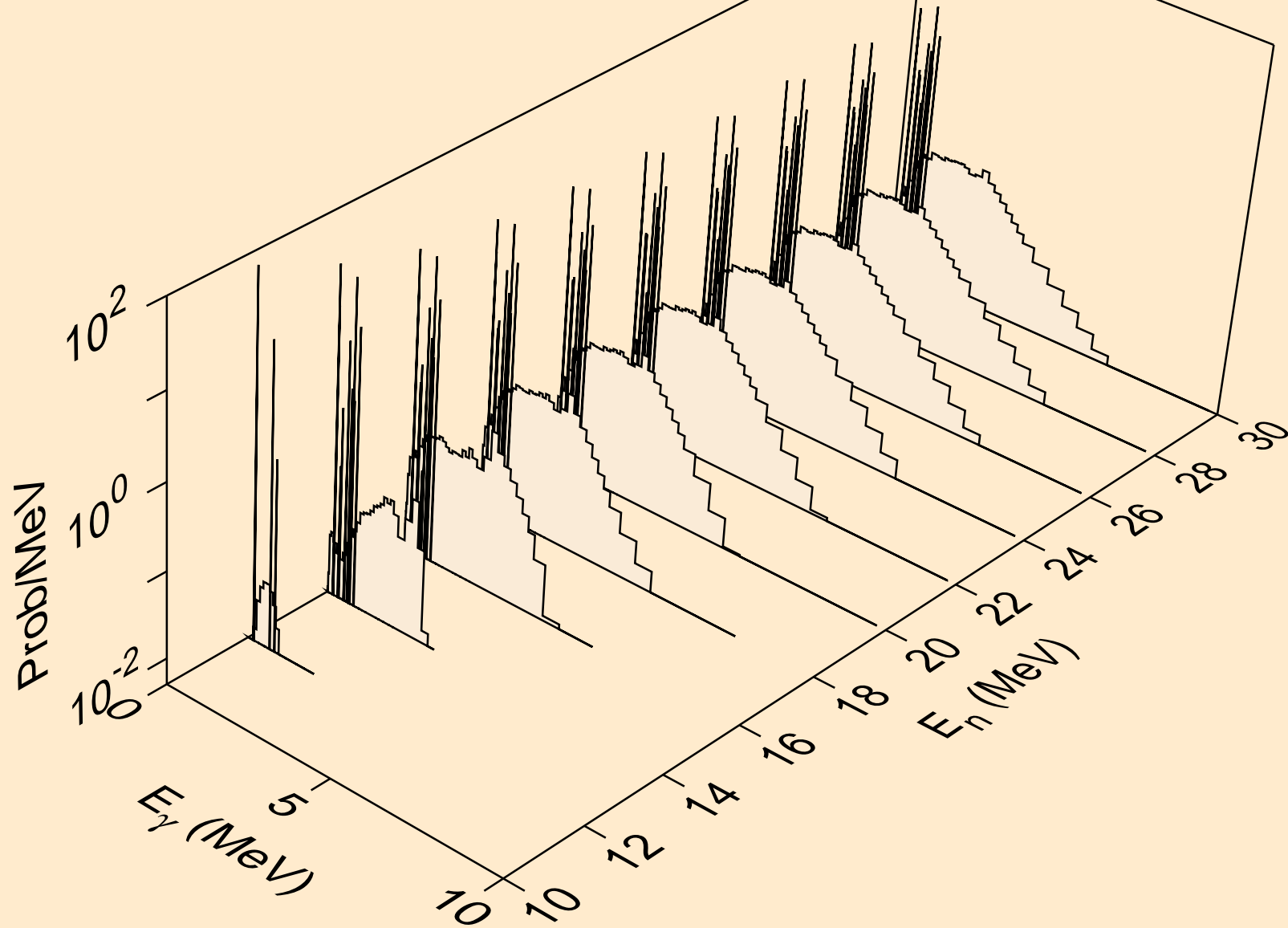
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

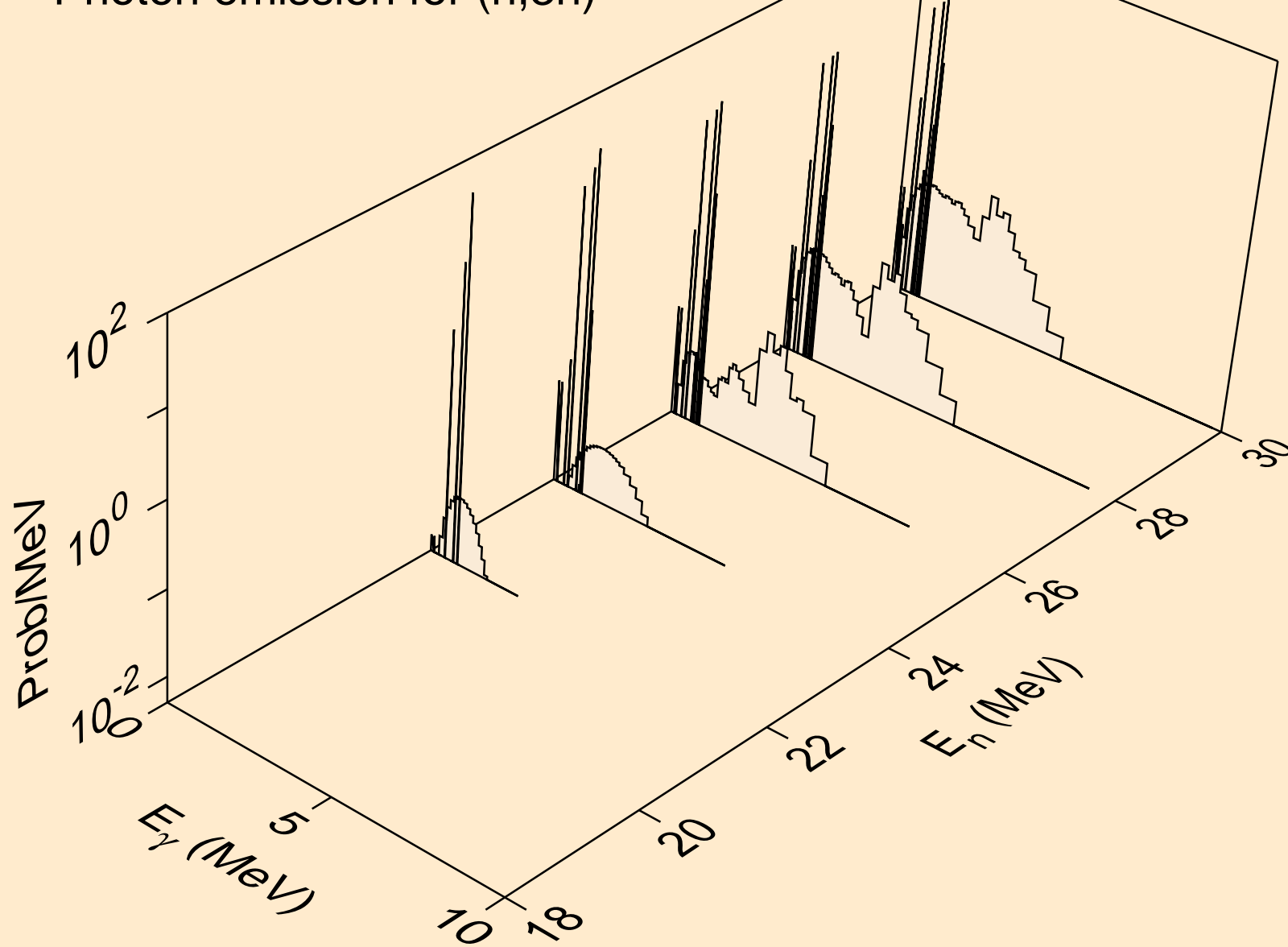


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

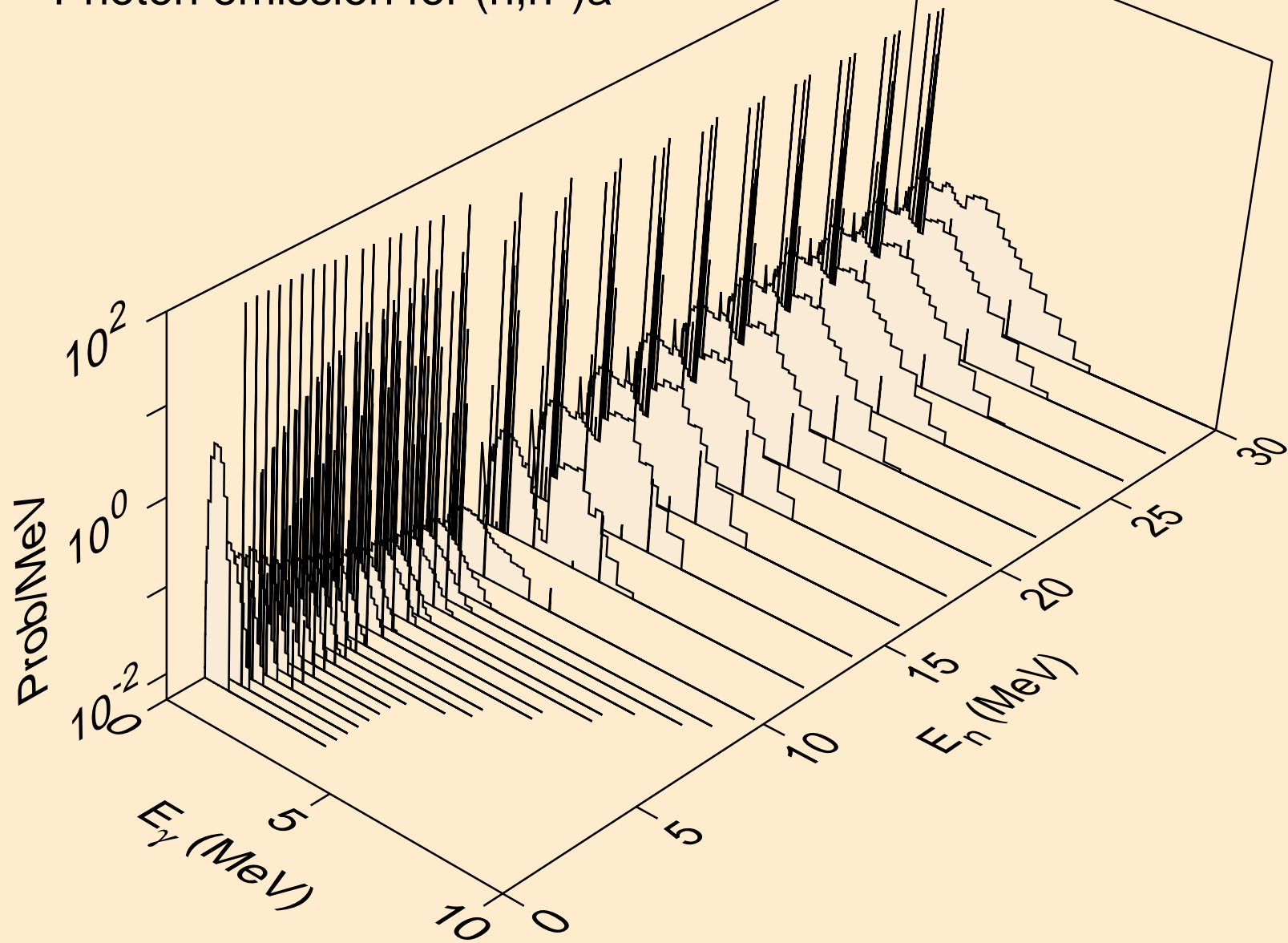




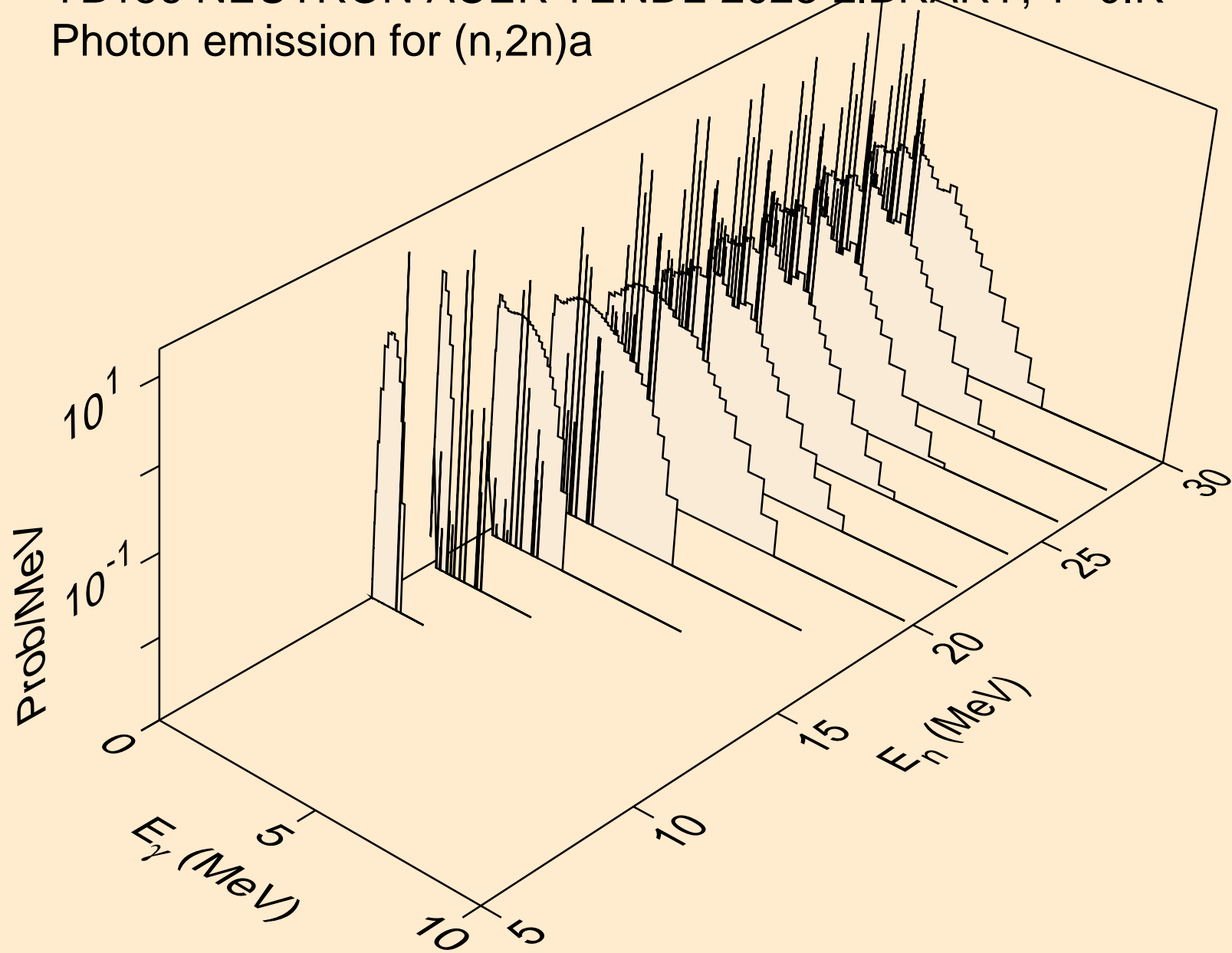
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



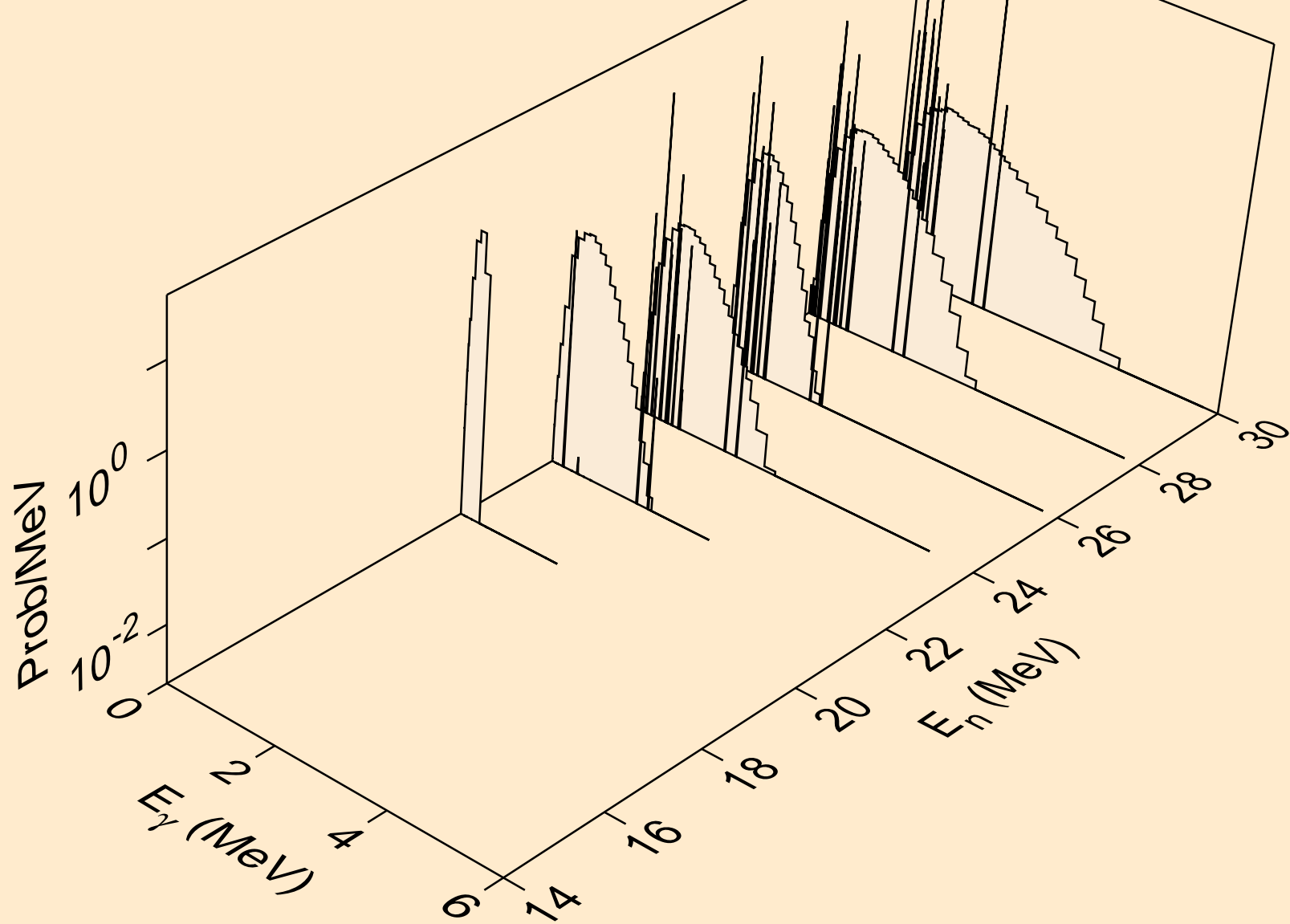
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



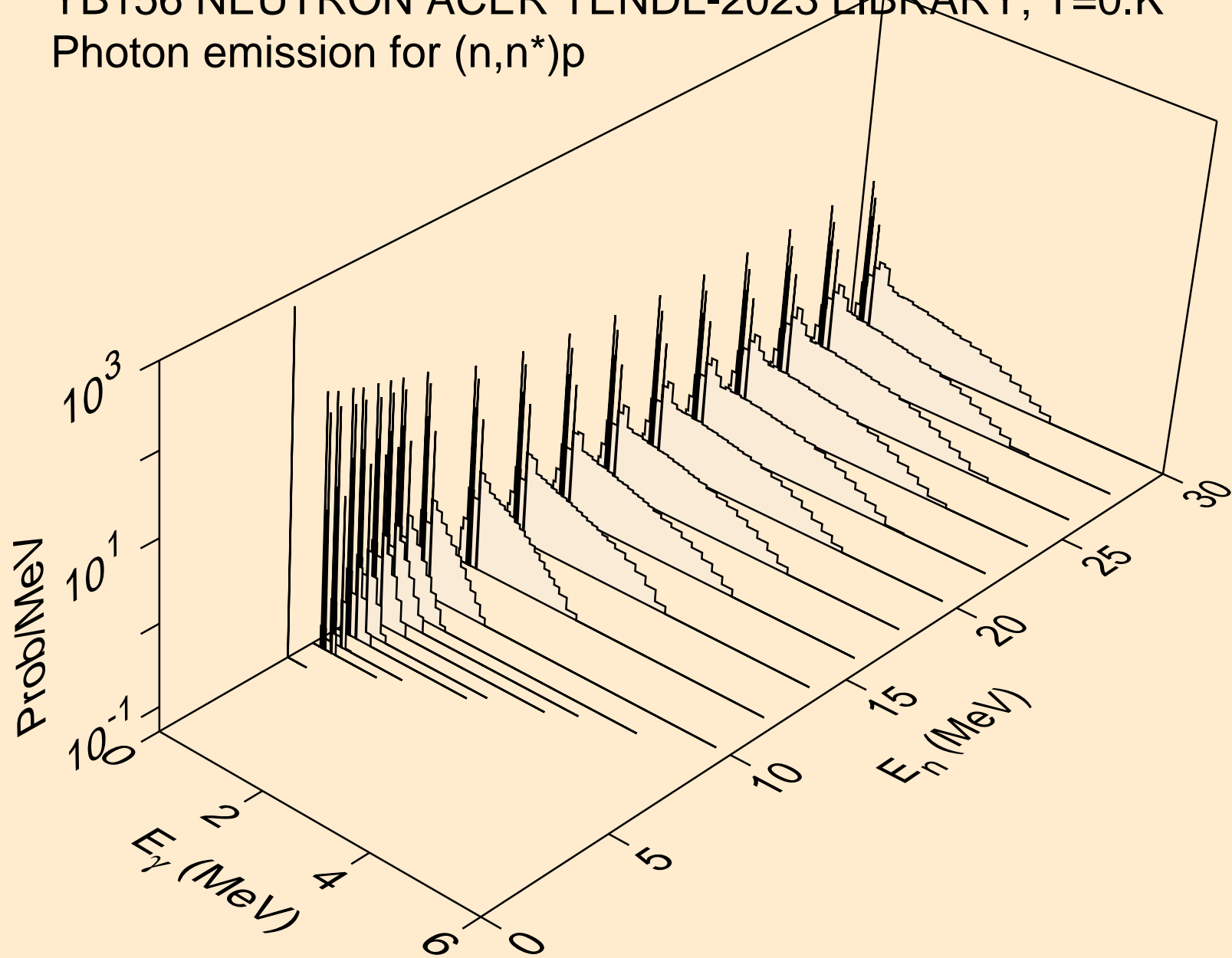
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



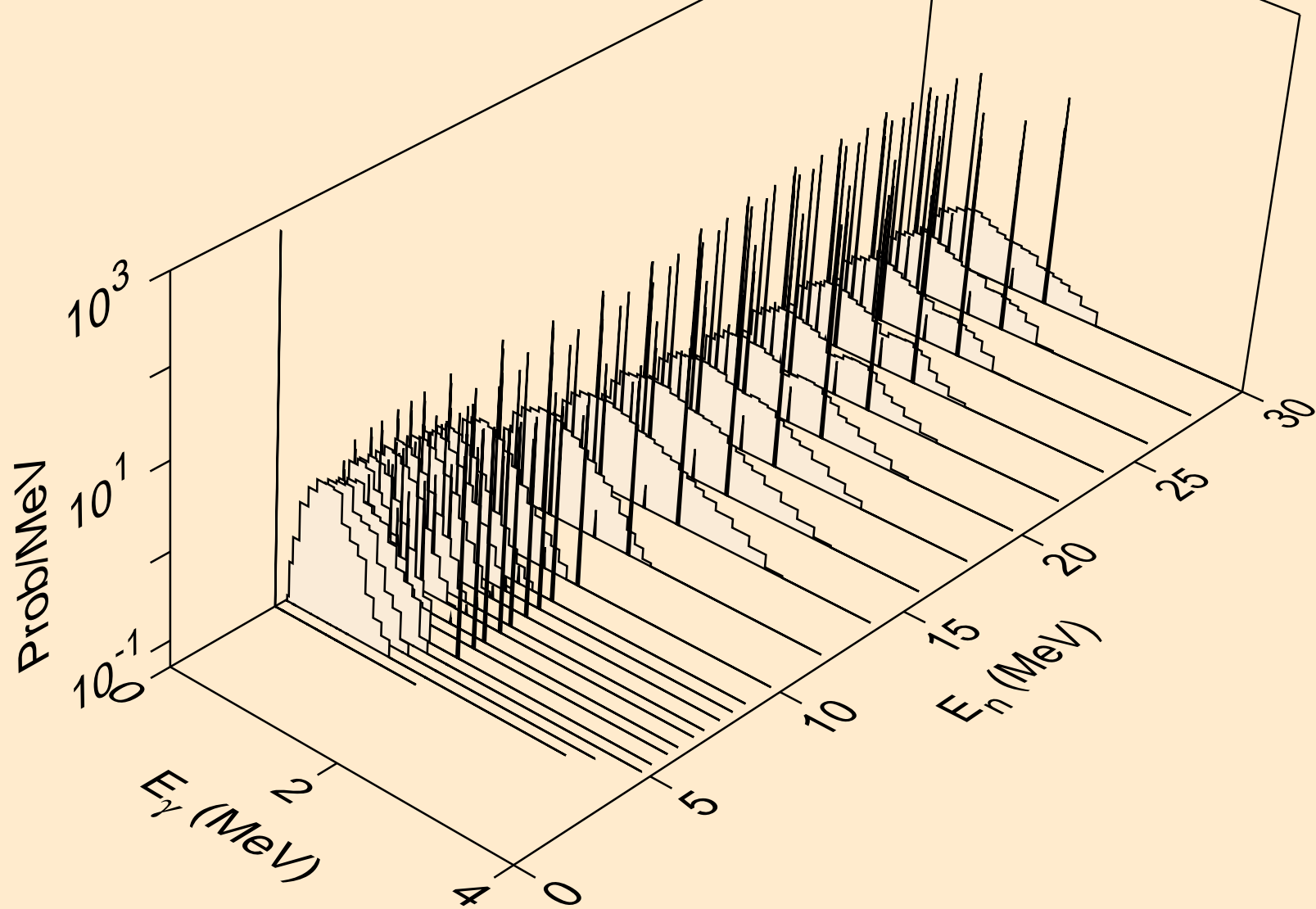
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



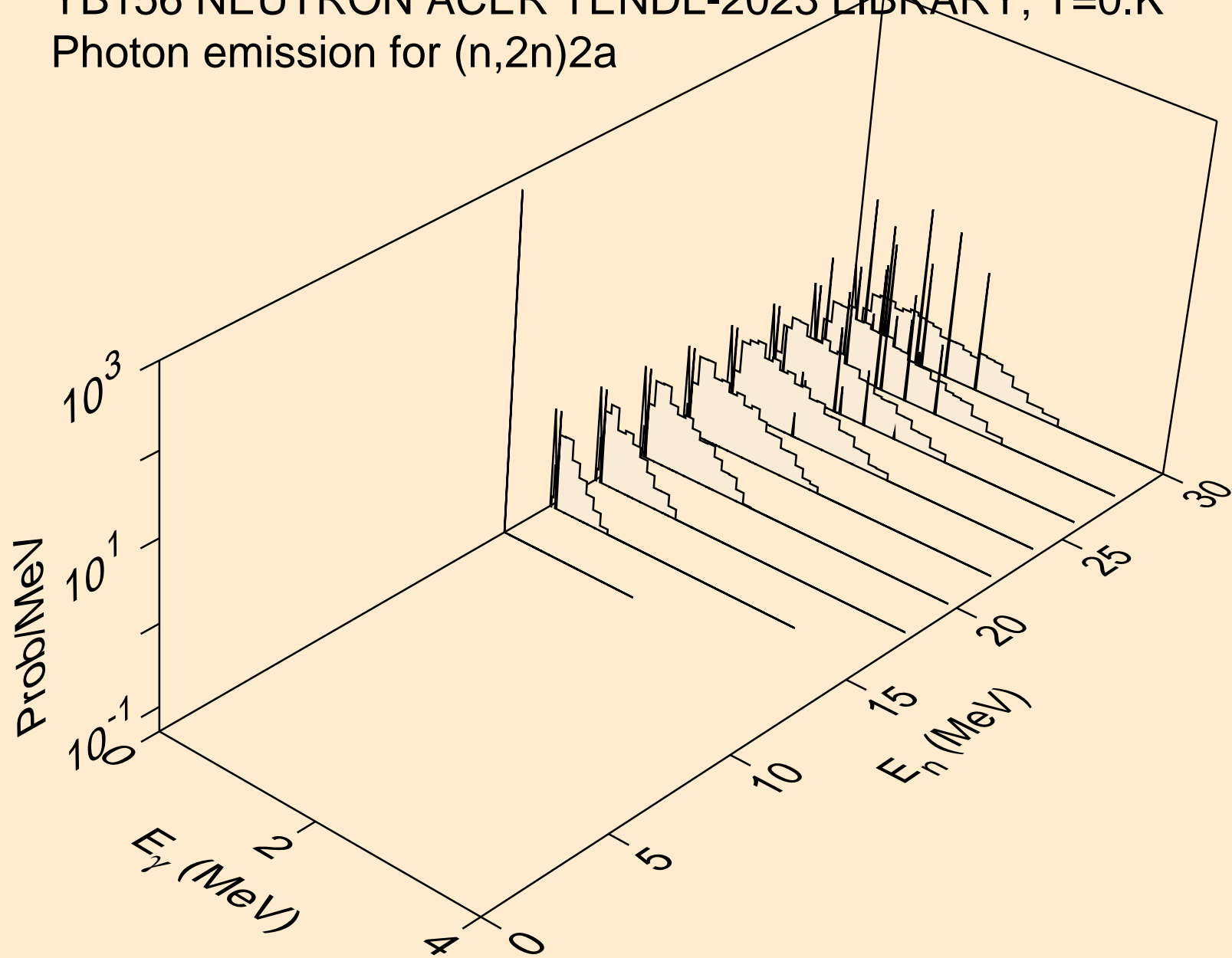
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



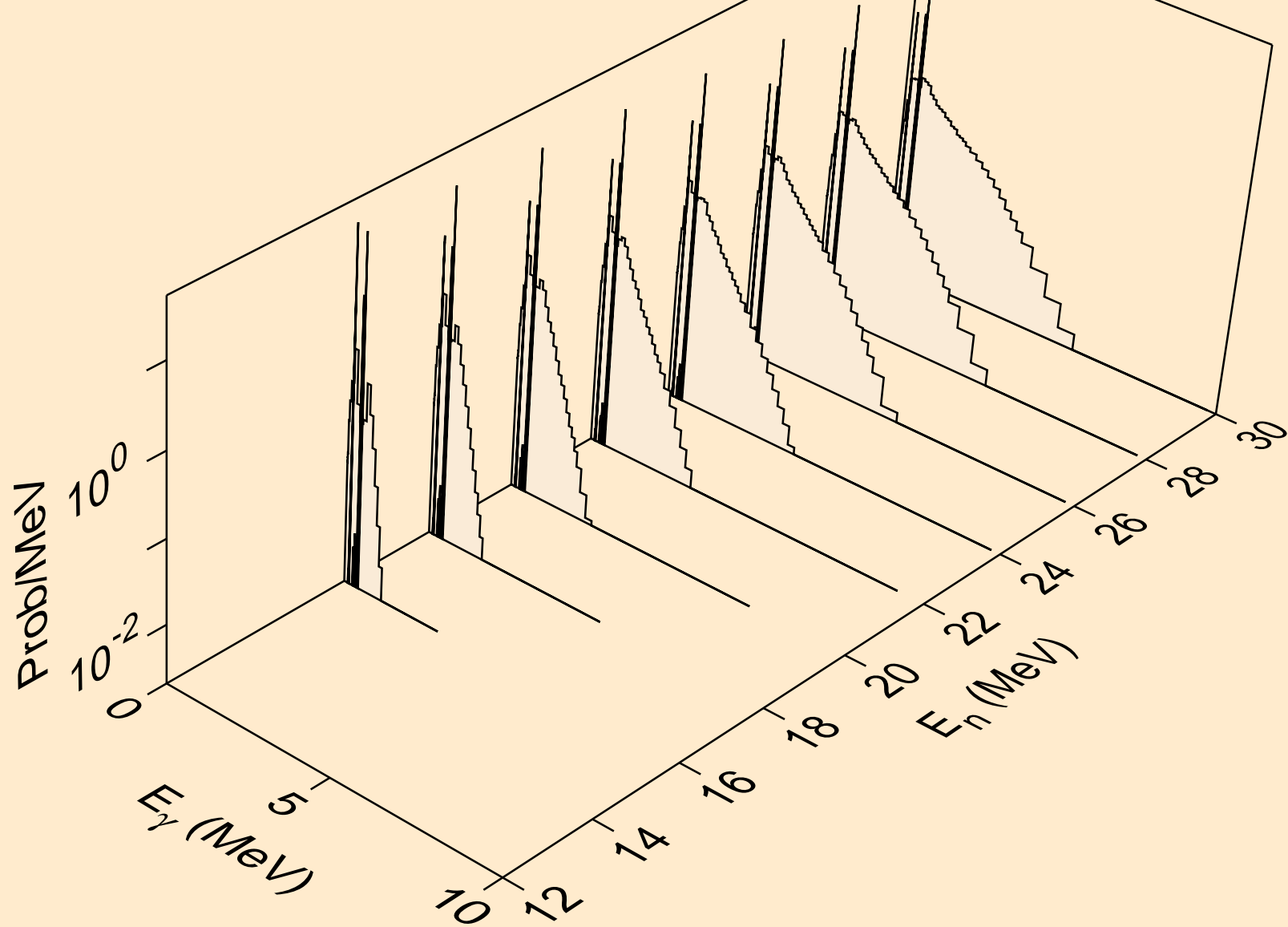
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

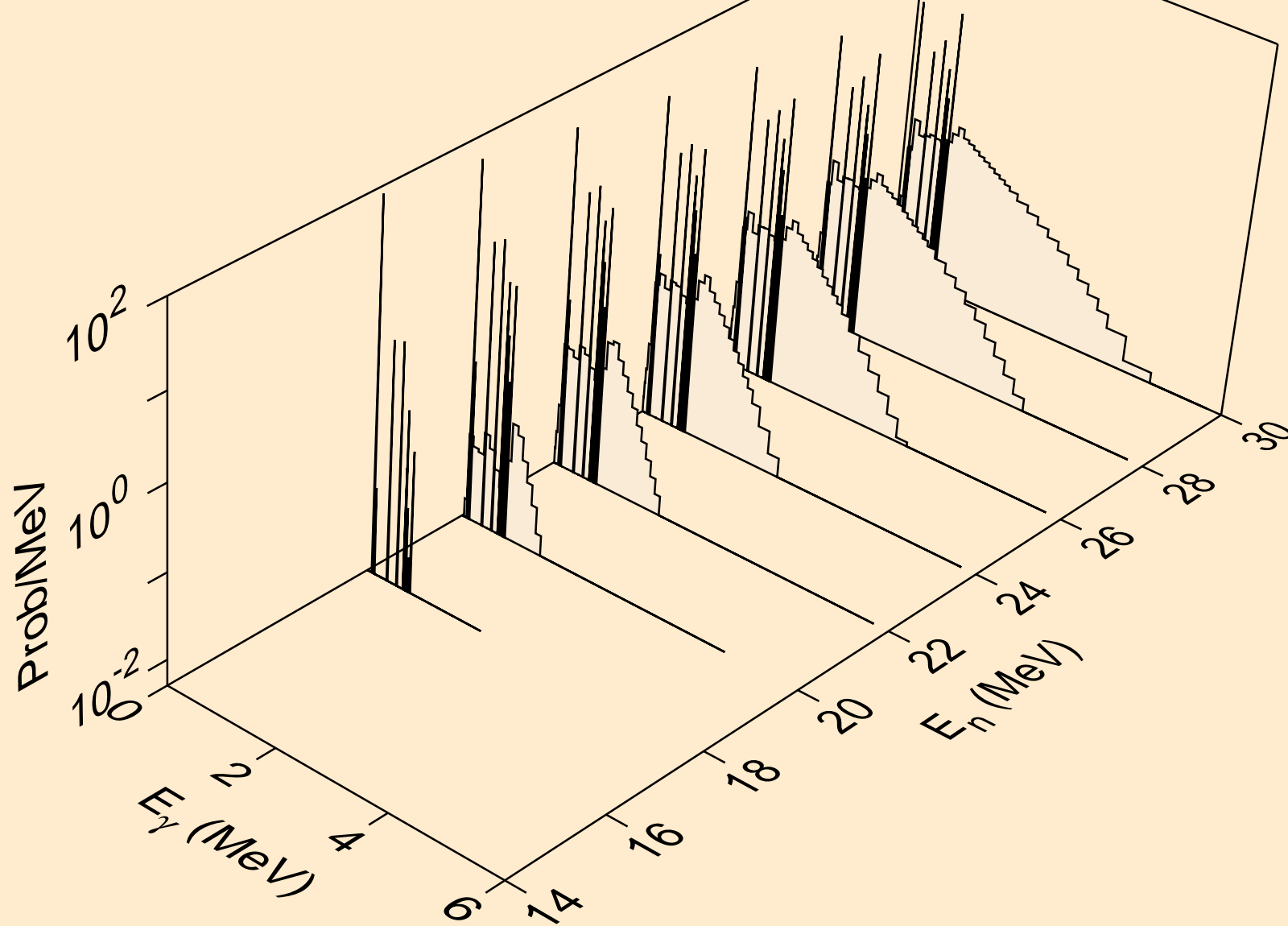


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

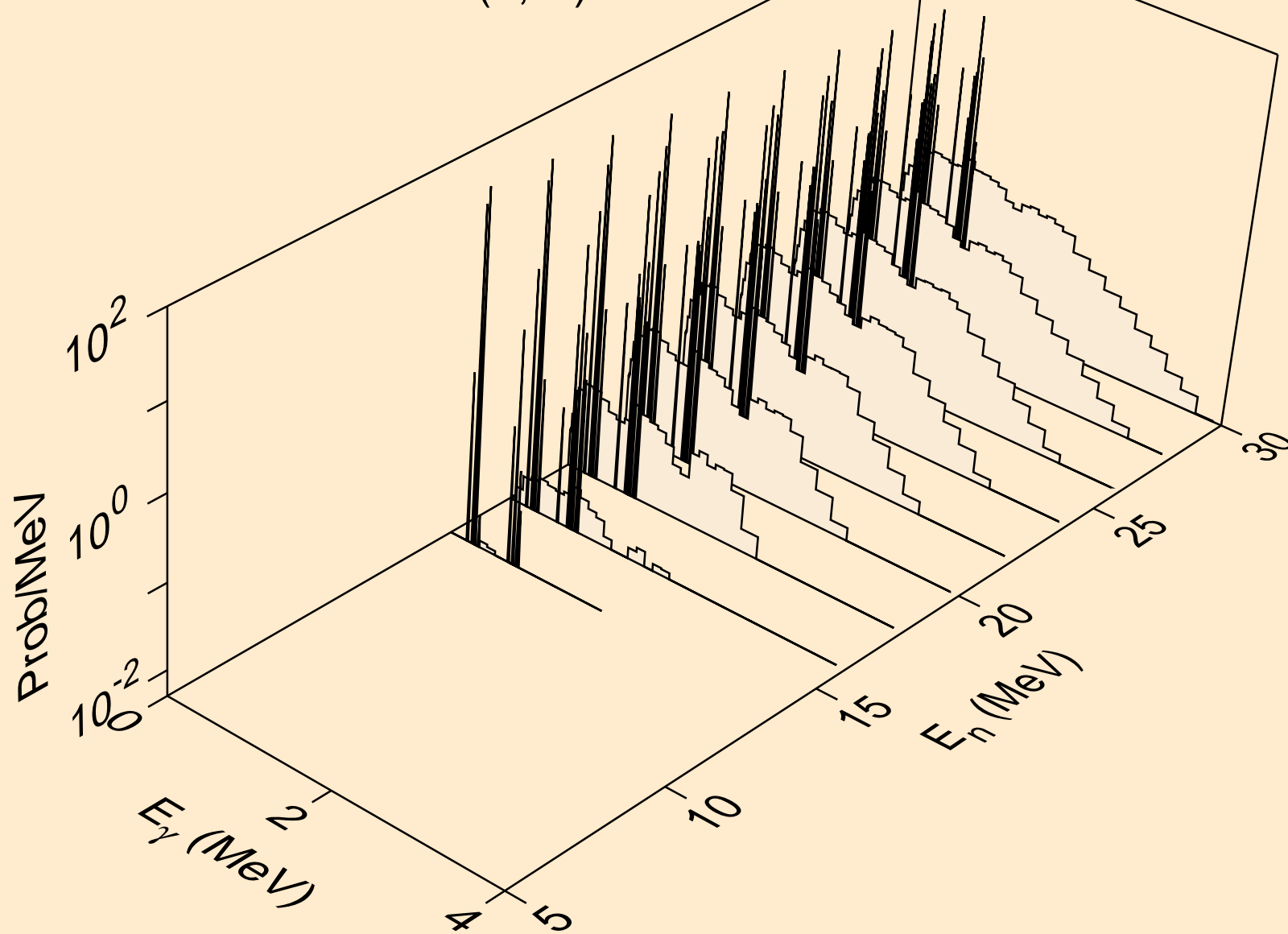




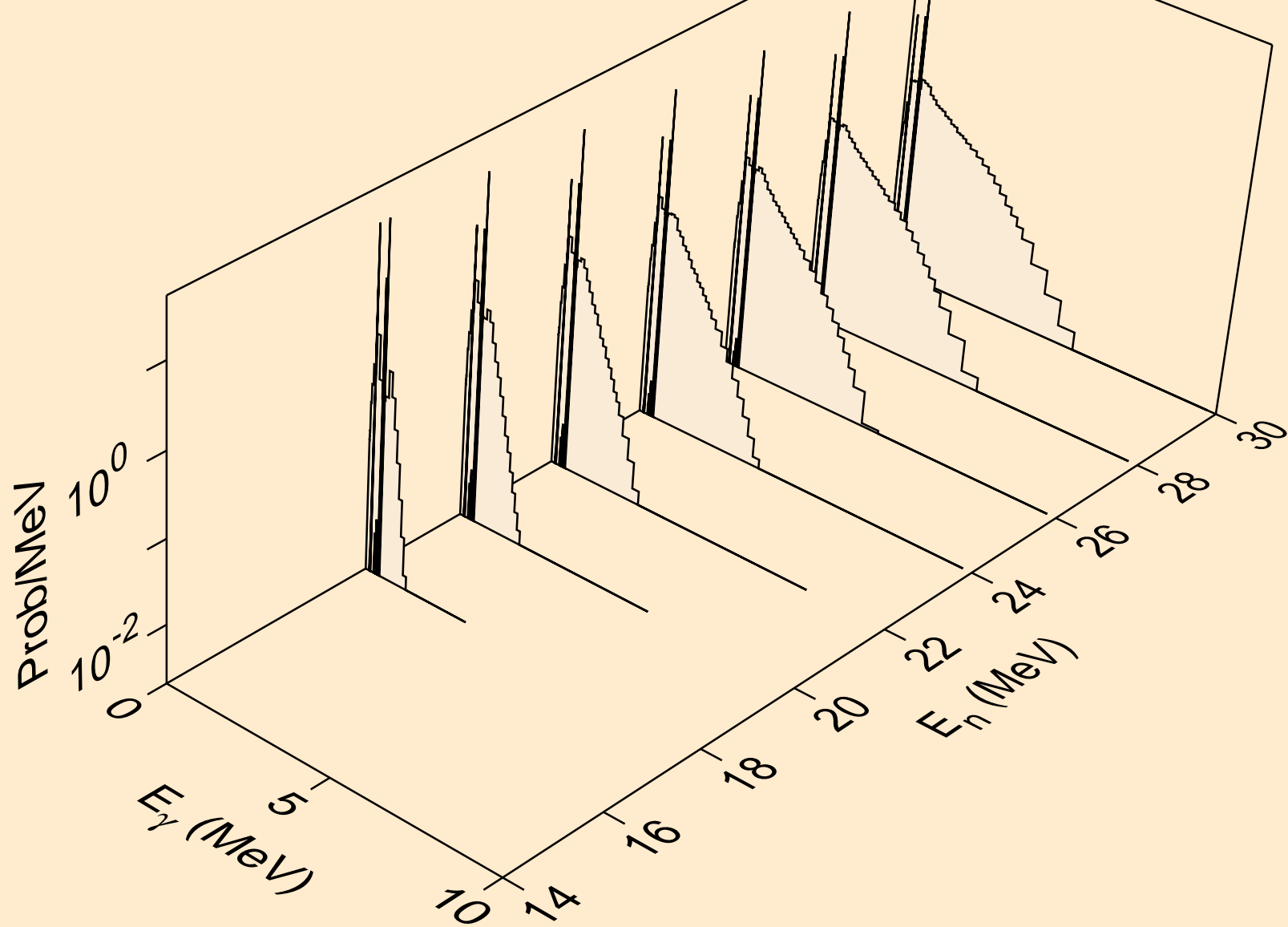
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



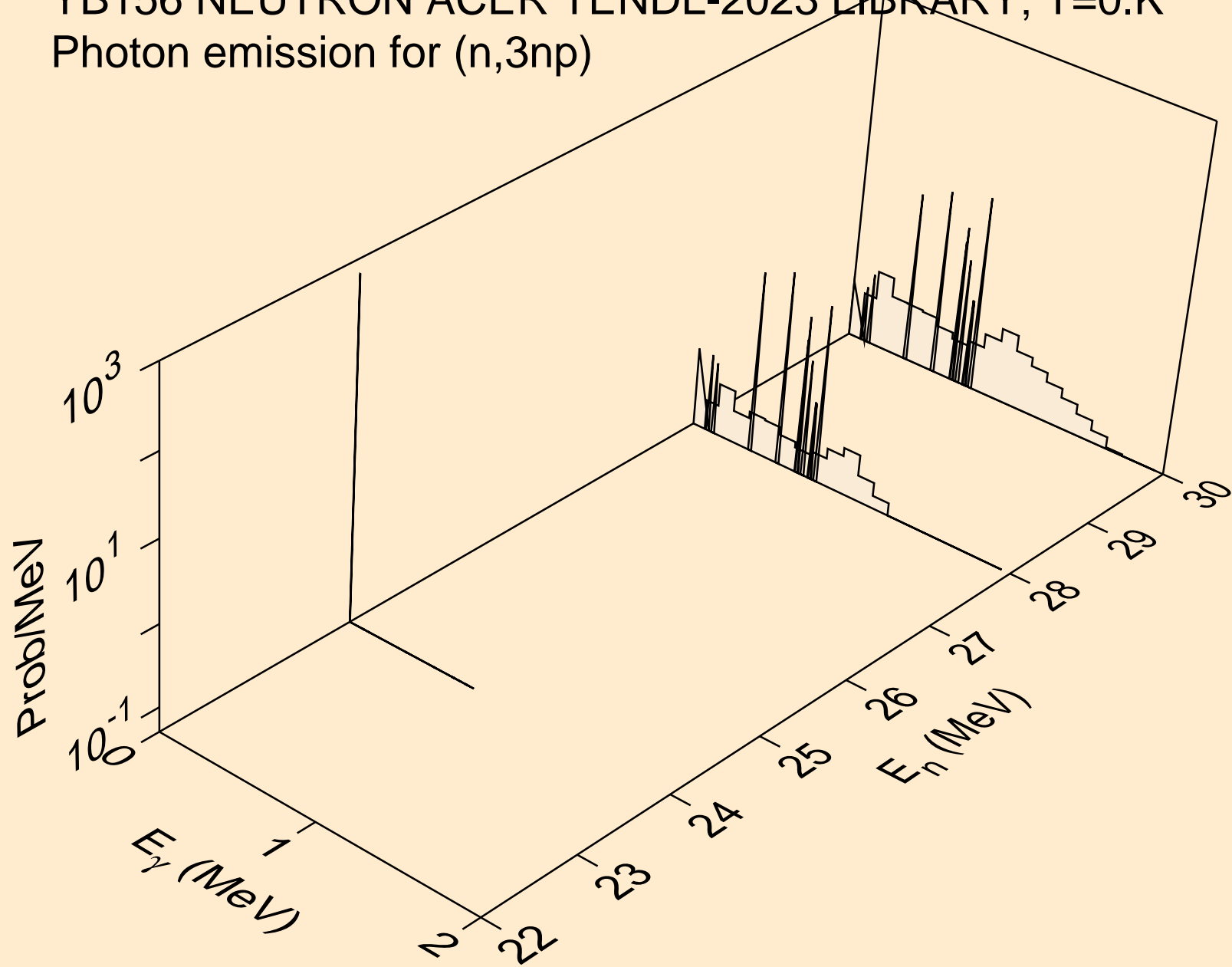
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



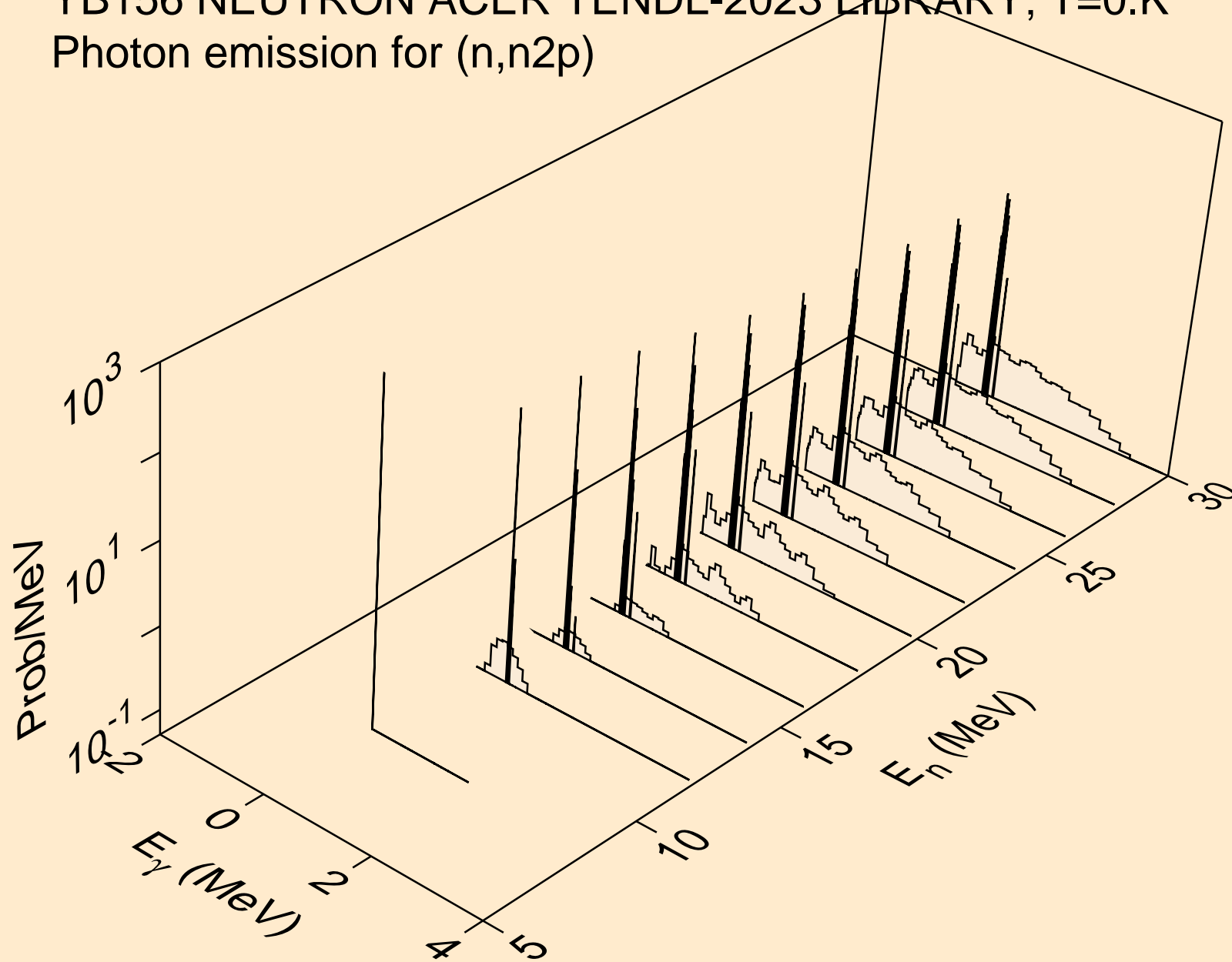
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



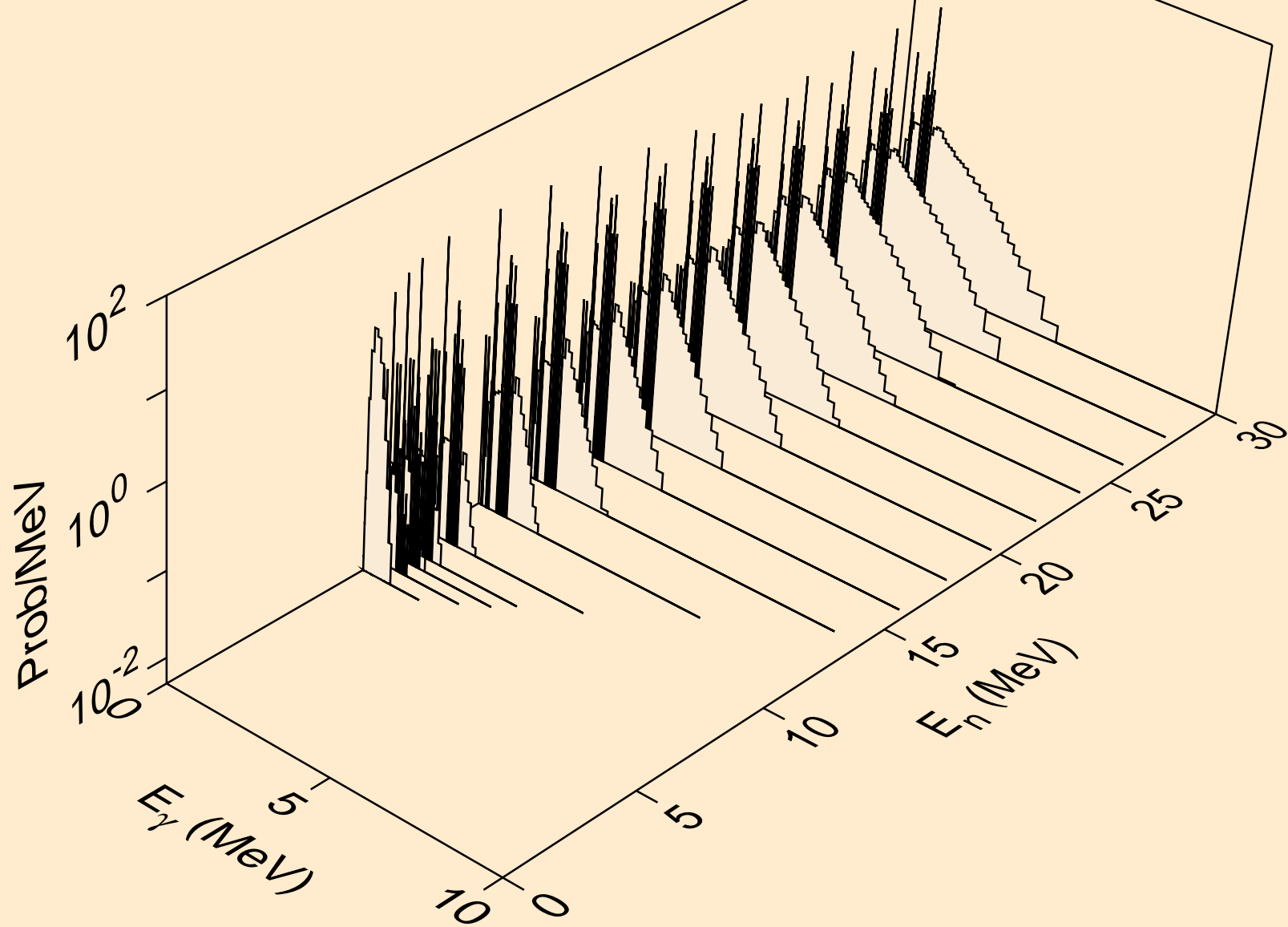
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



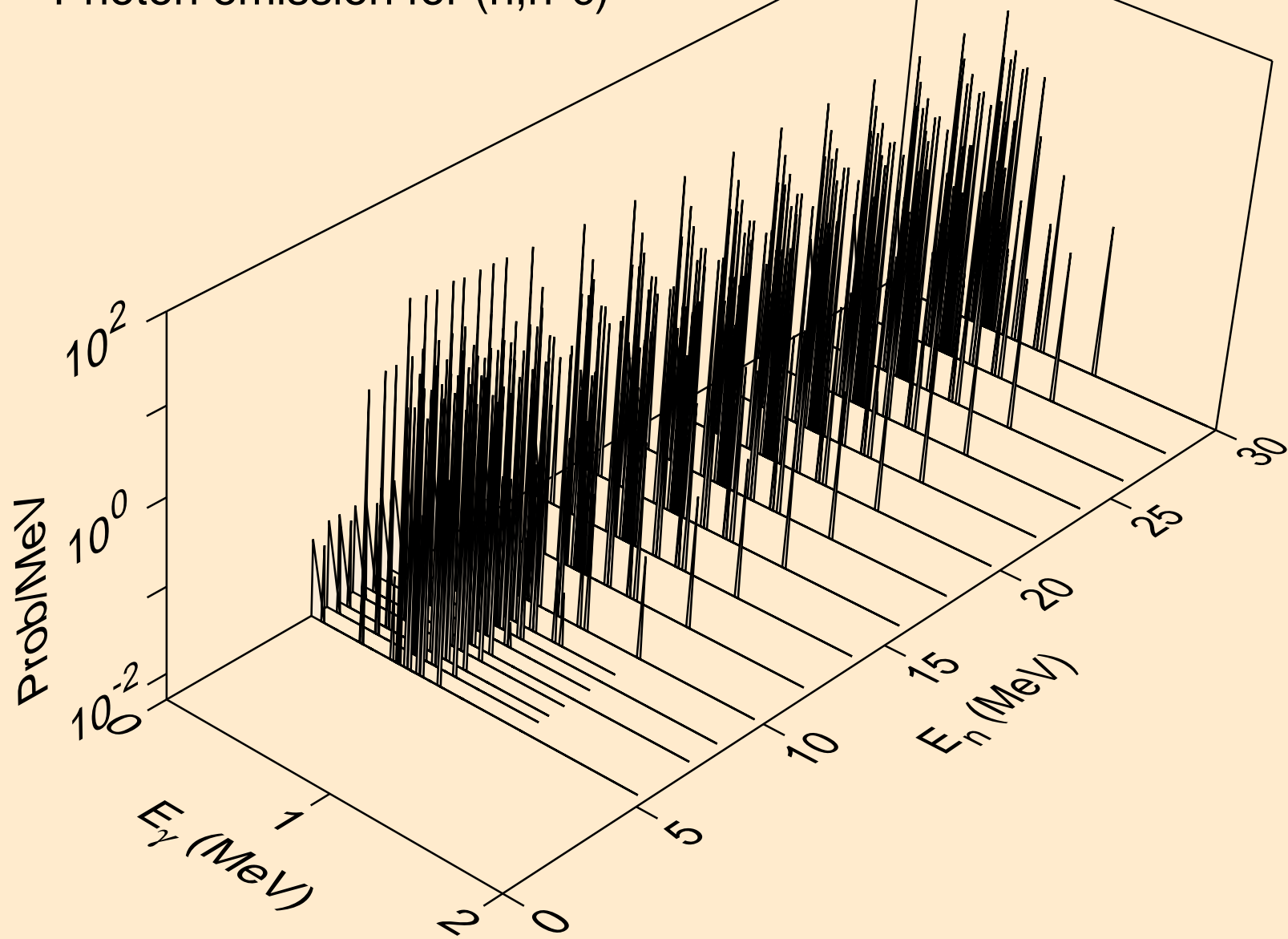
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



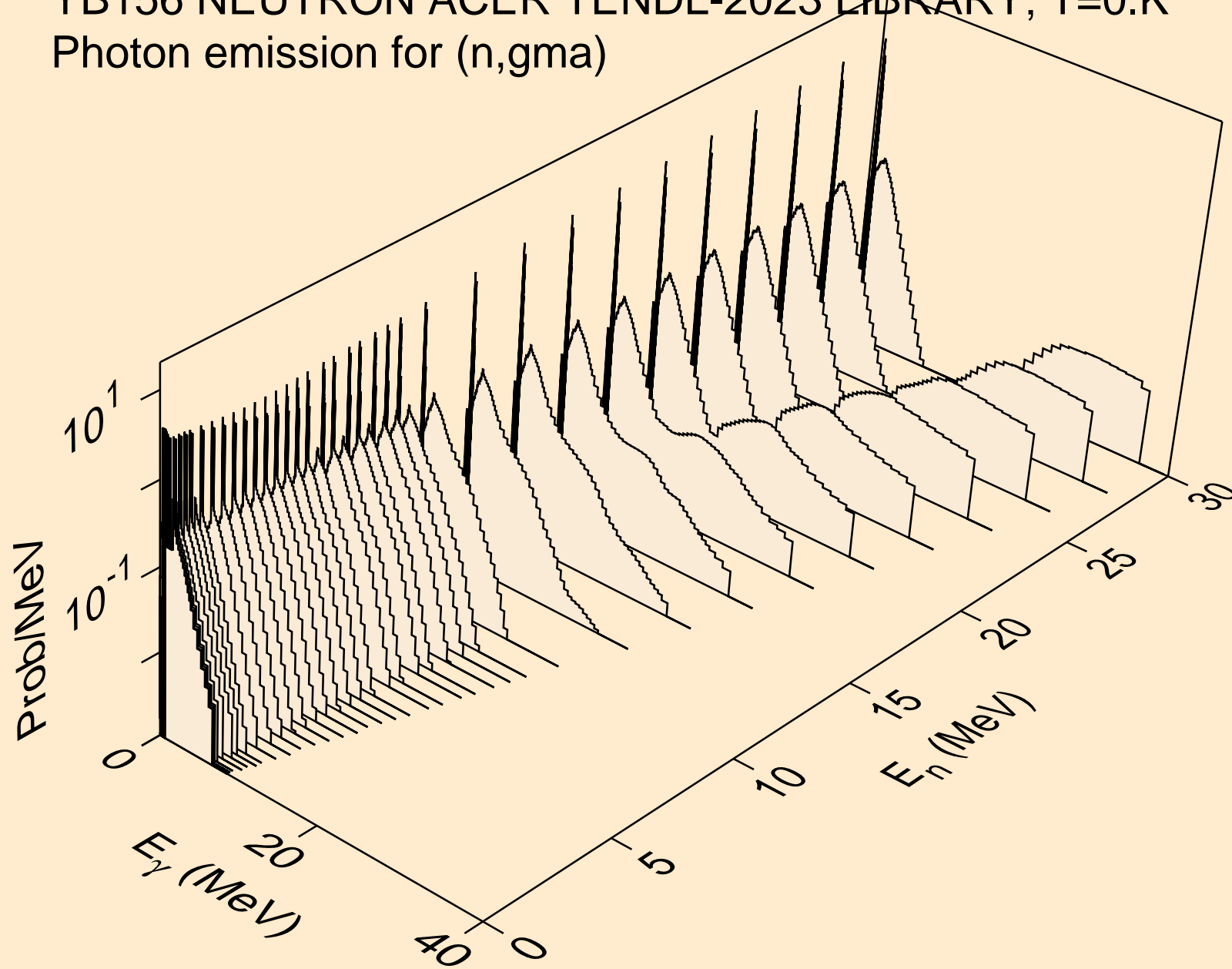
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

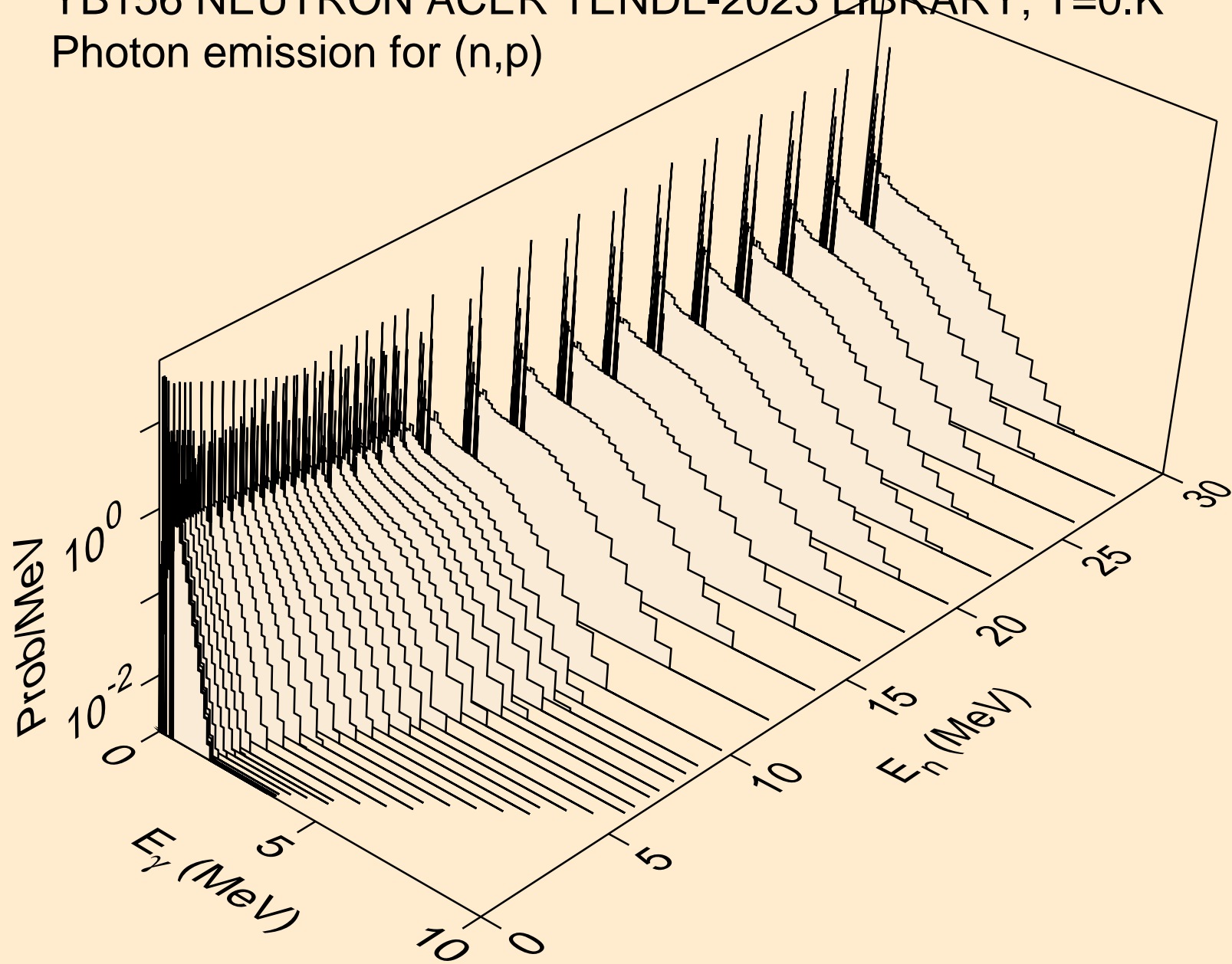


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

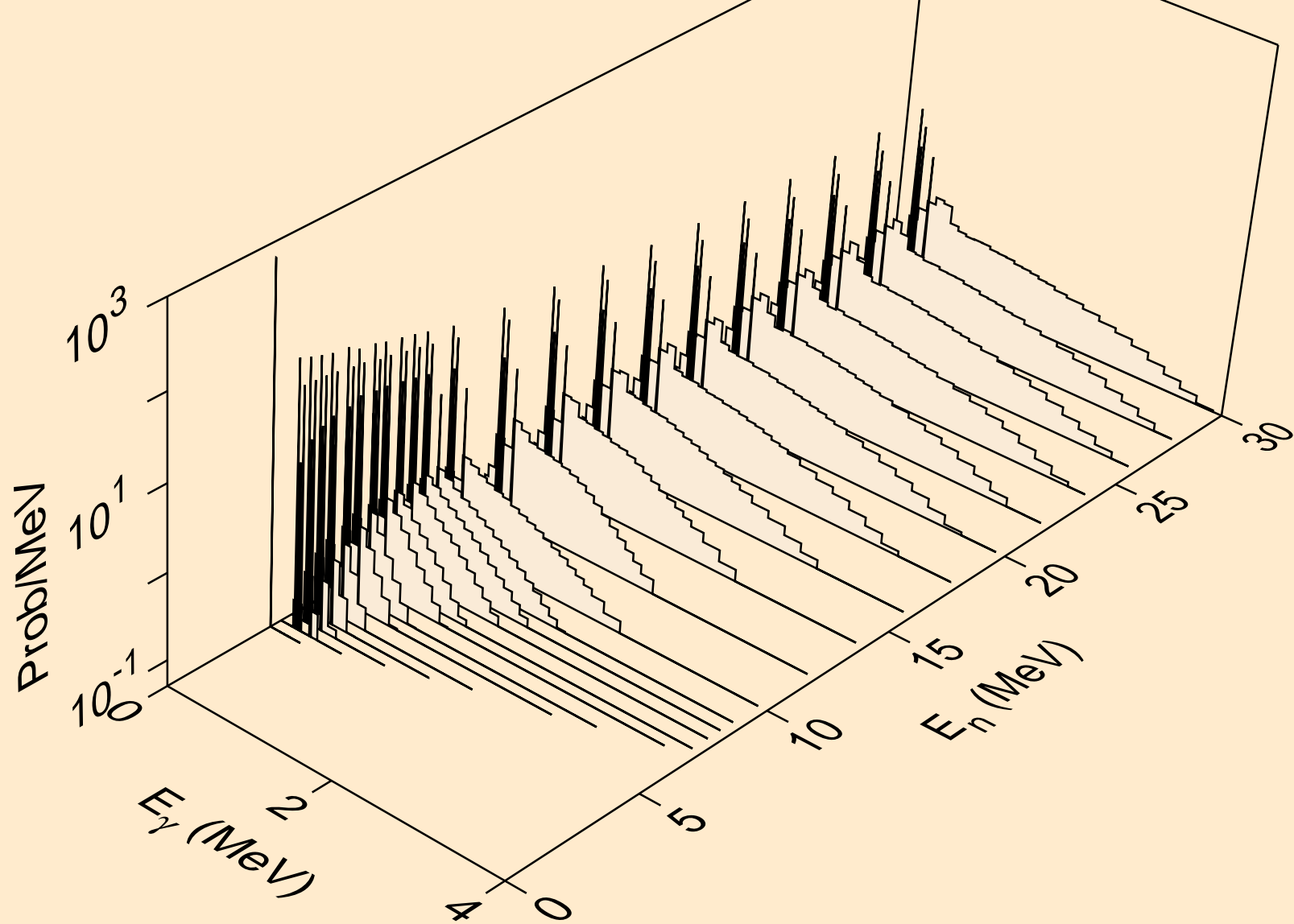




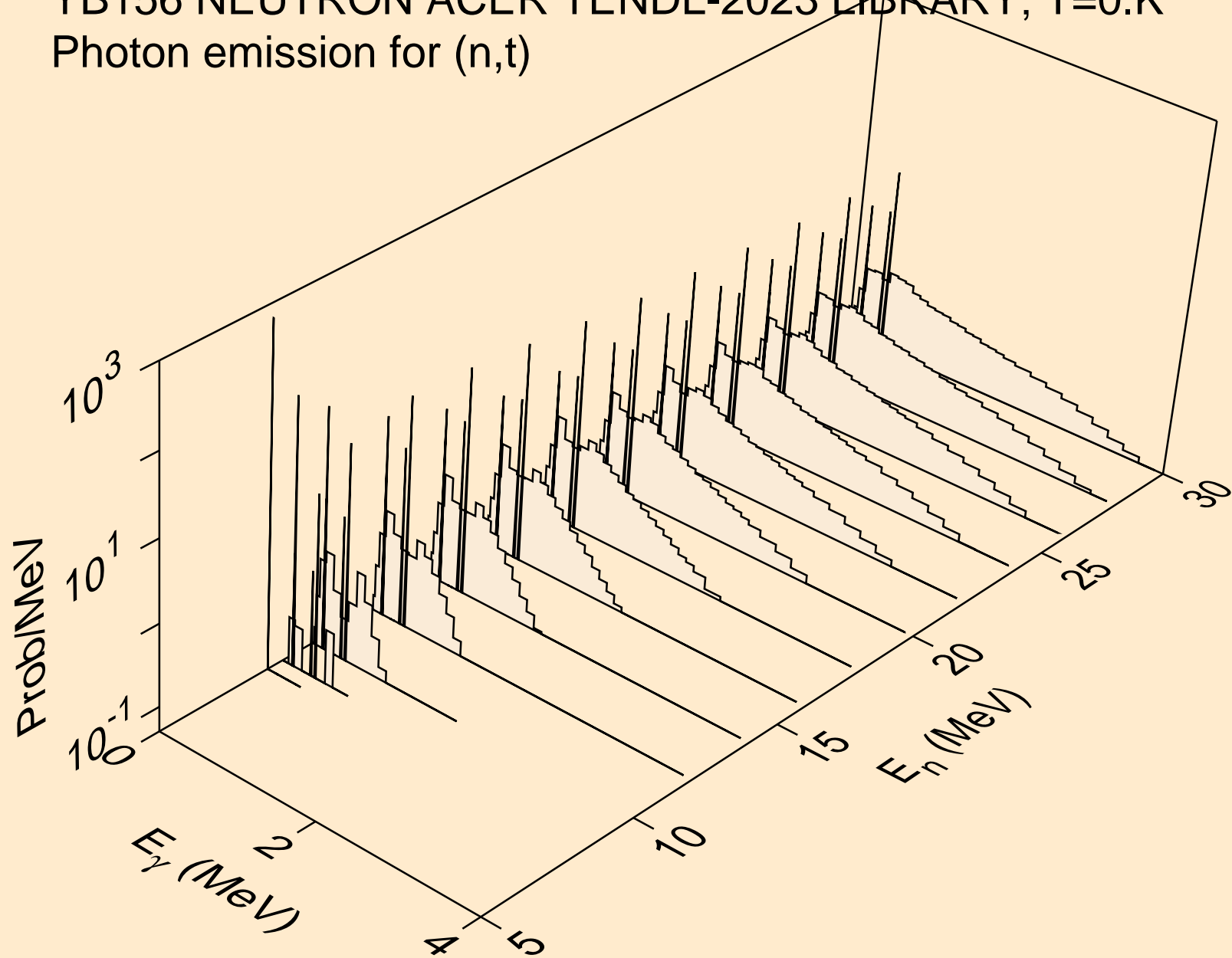
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Photon emission for (n,p)



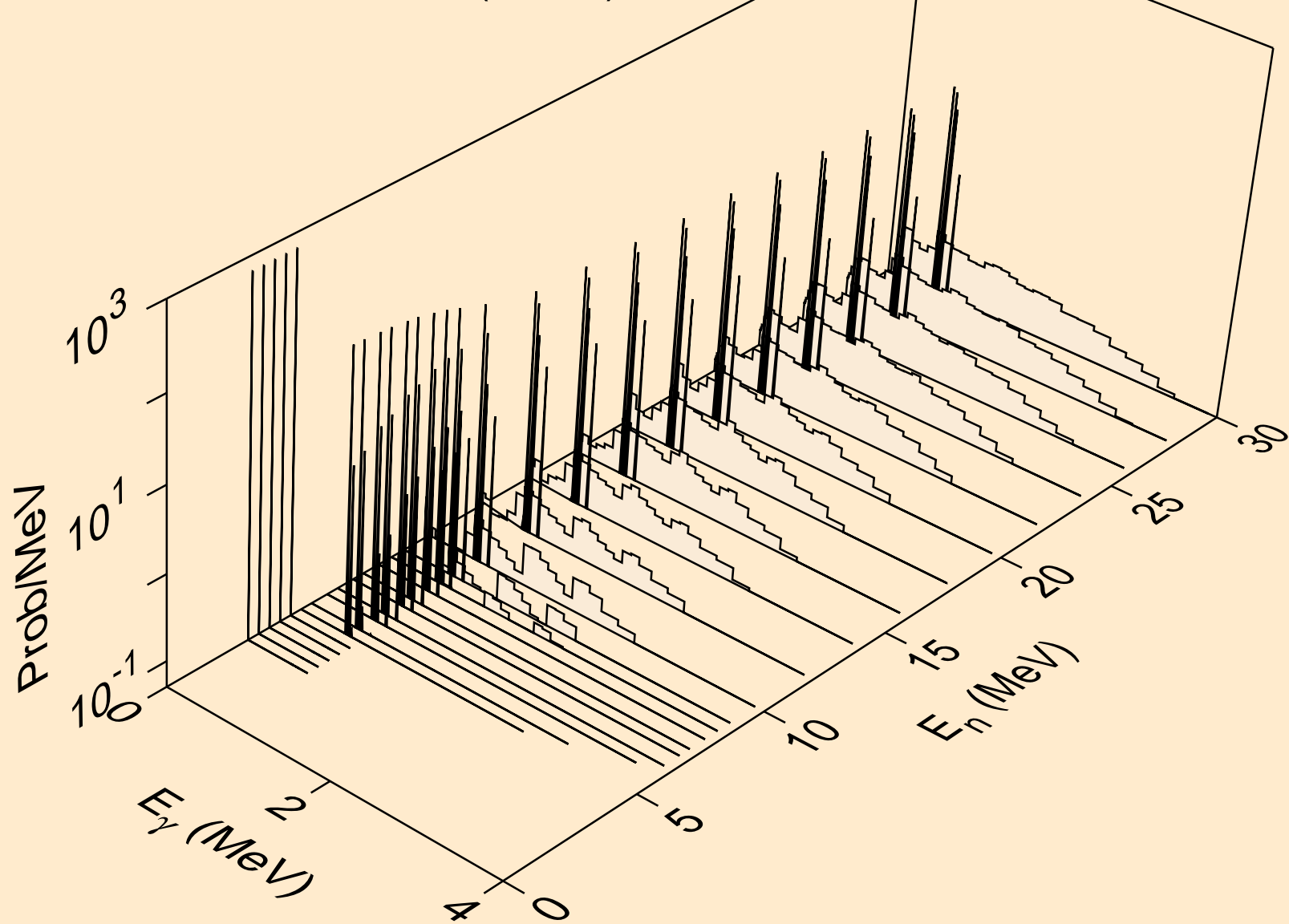
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Photon emission for (n,d)



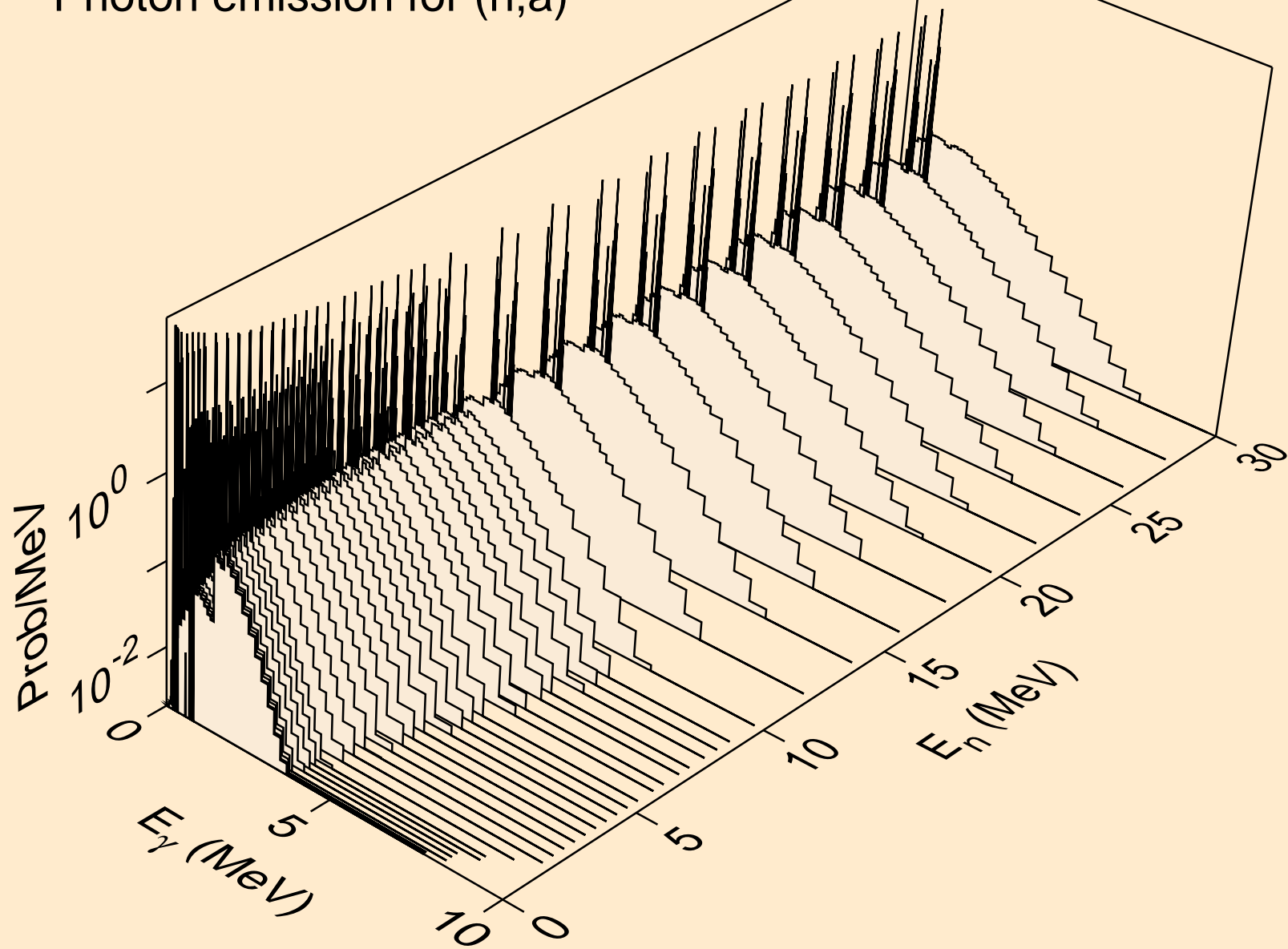
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Photon emission for (n,t)



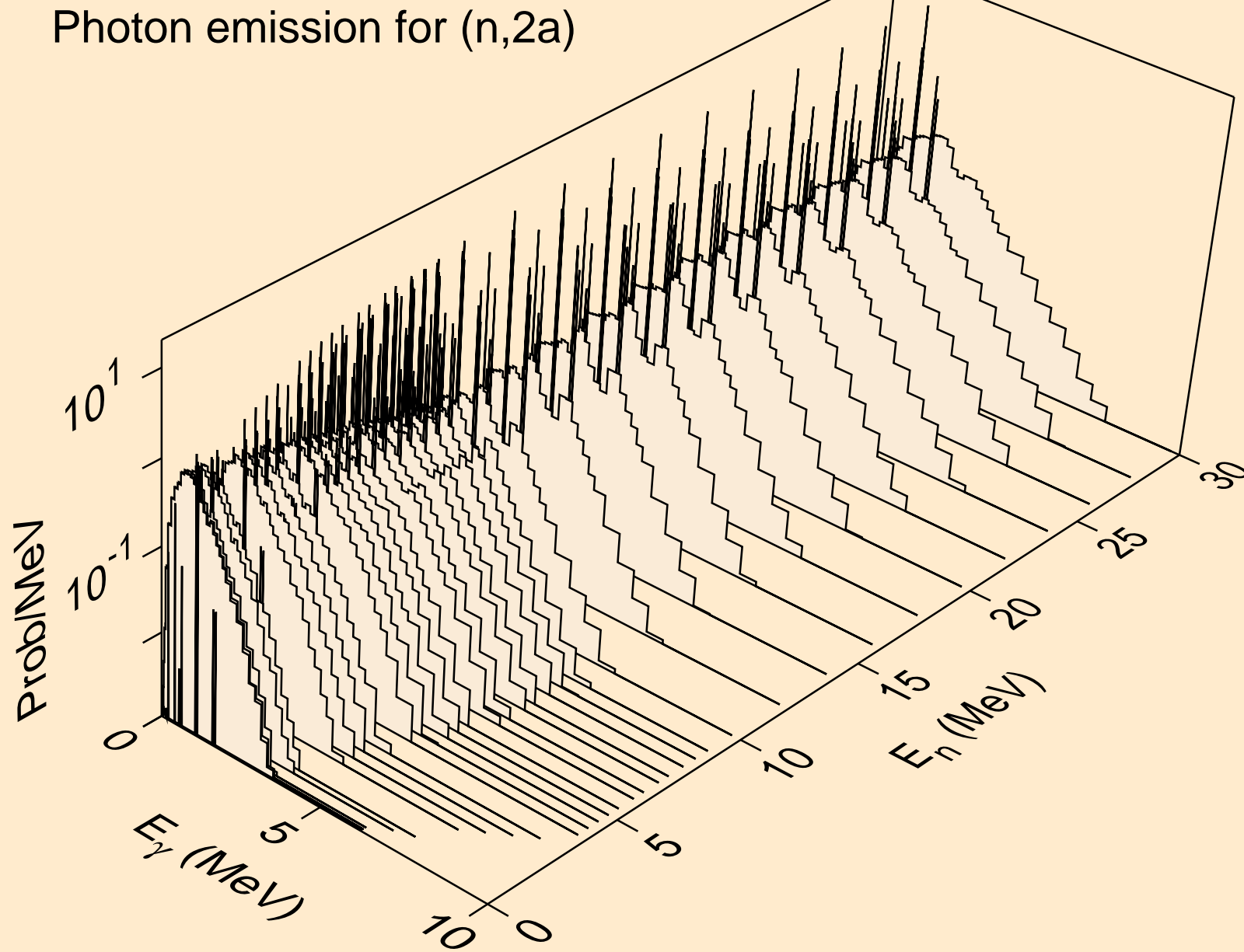
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Photon emission for (n,he3)



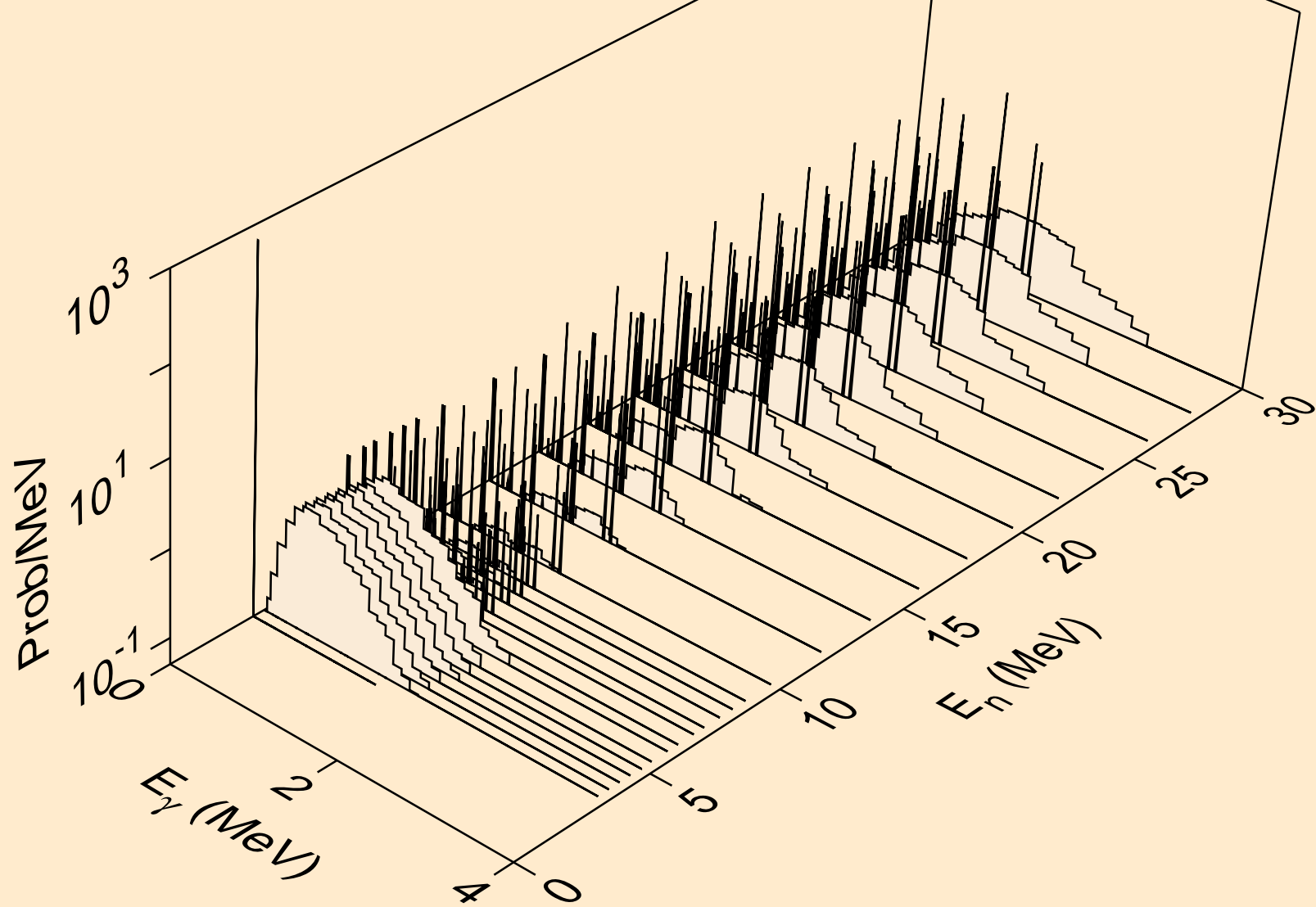
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Photon emission for (n,a)



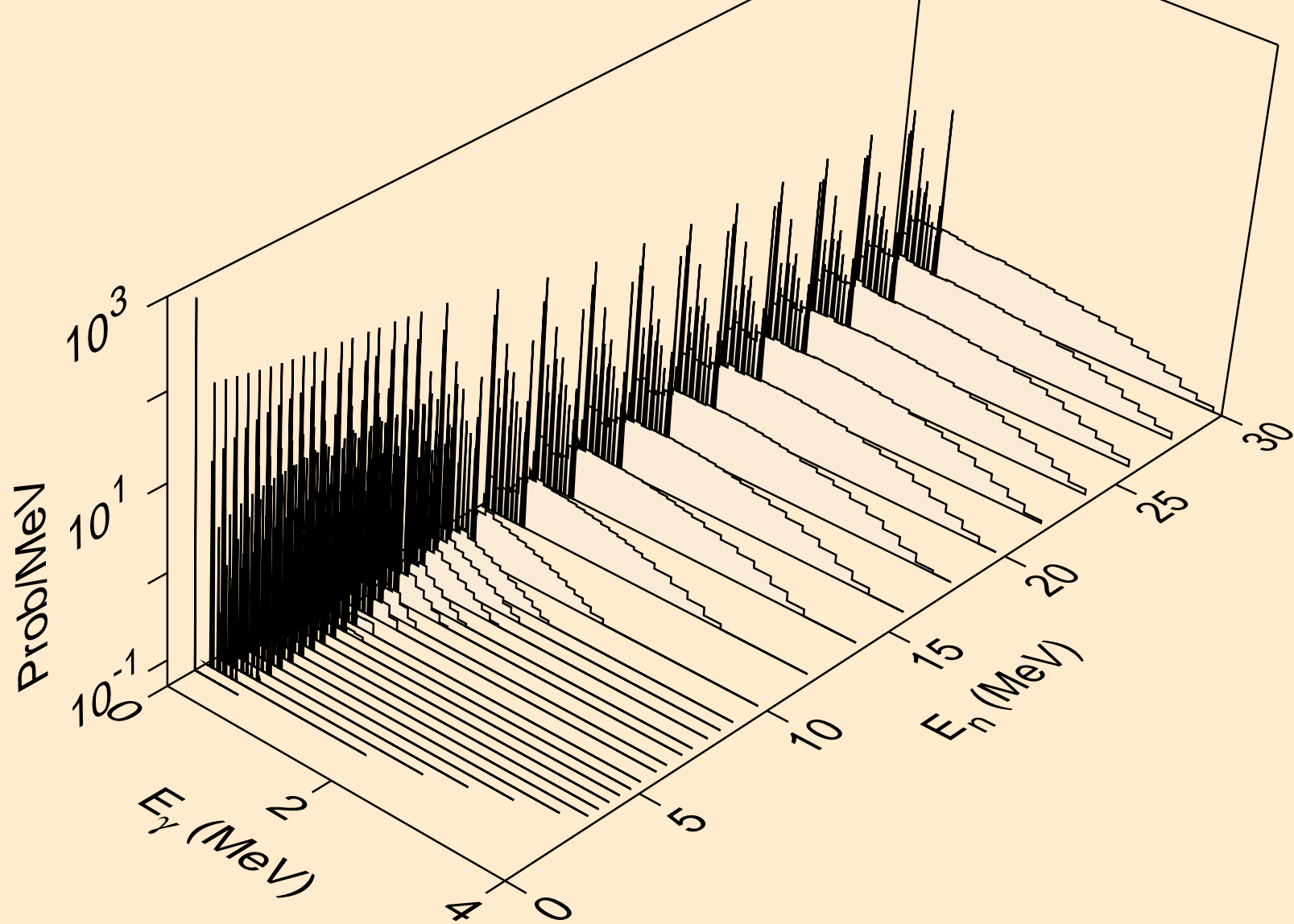
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

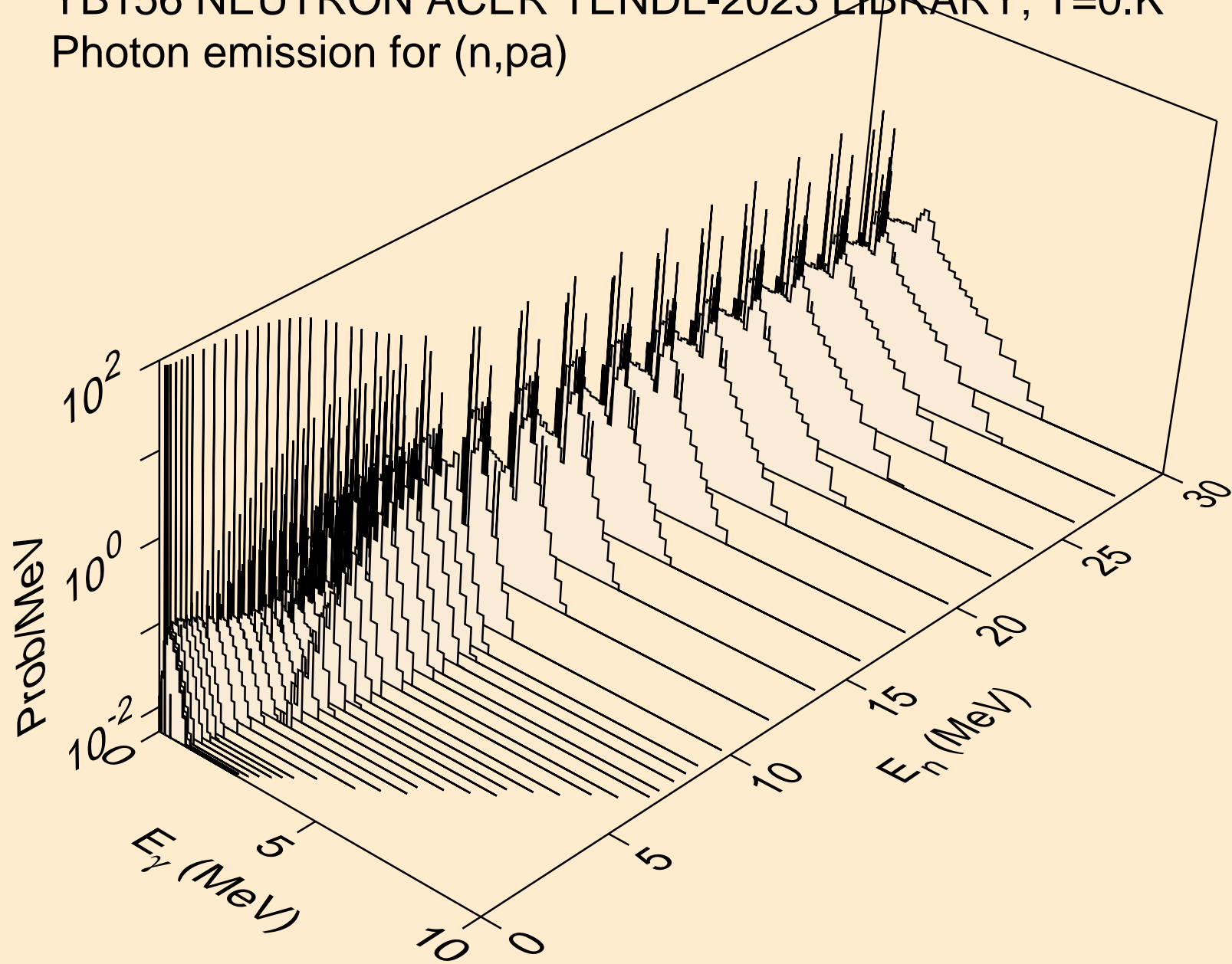


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

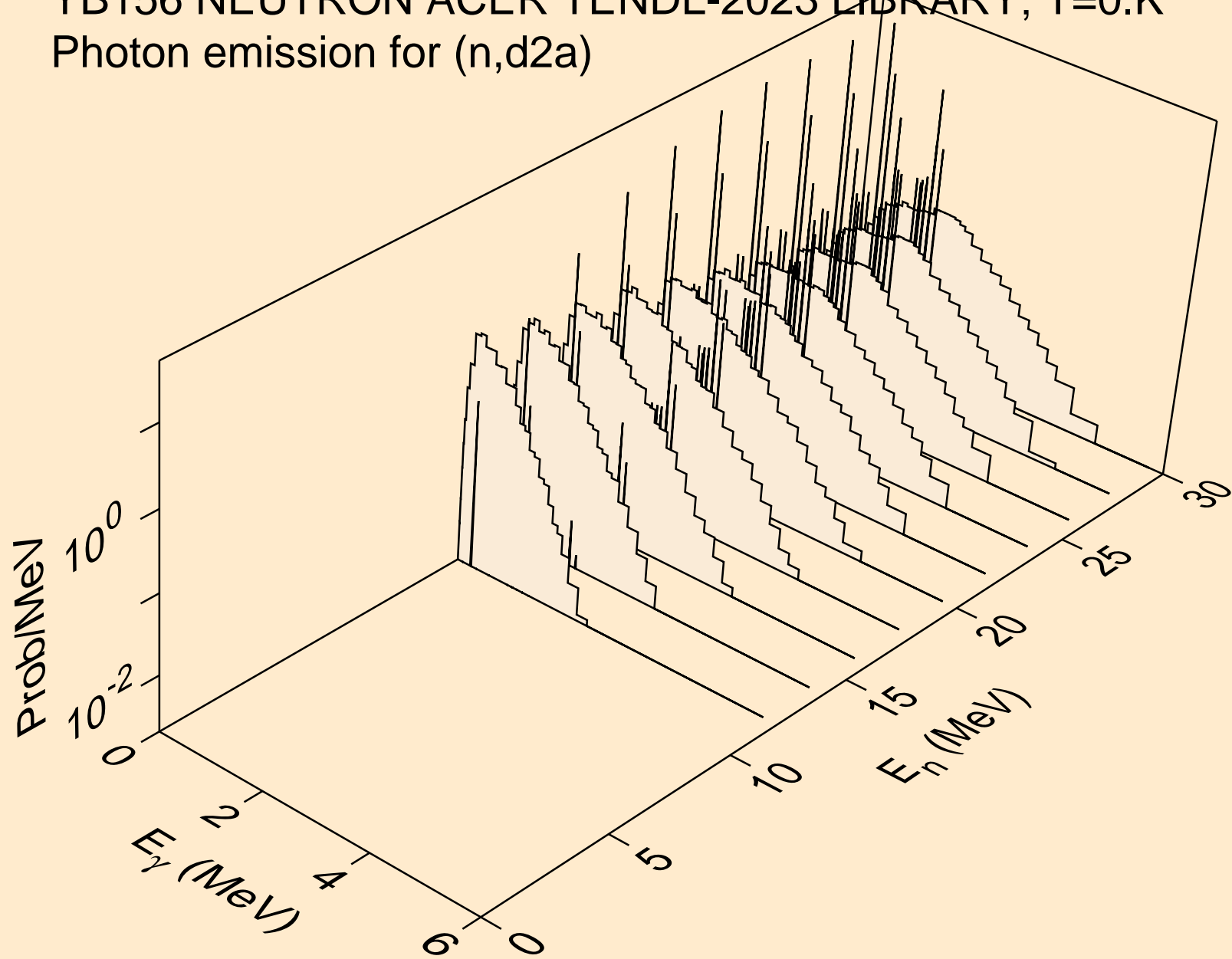




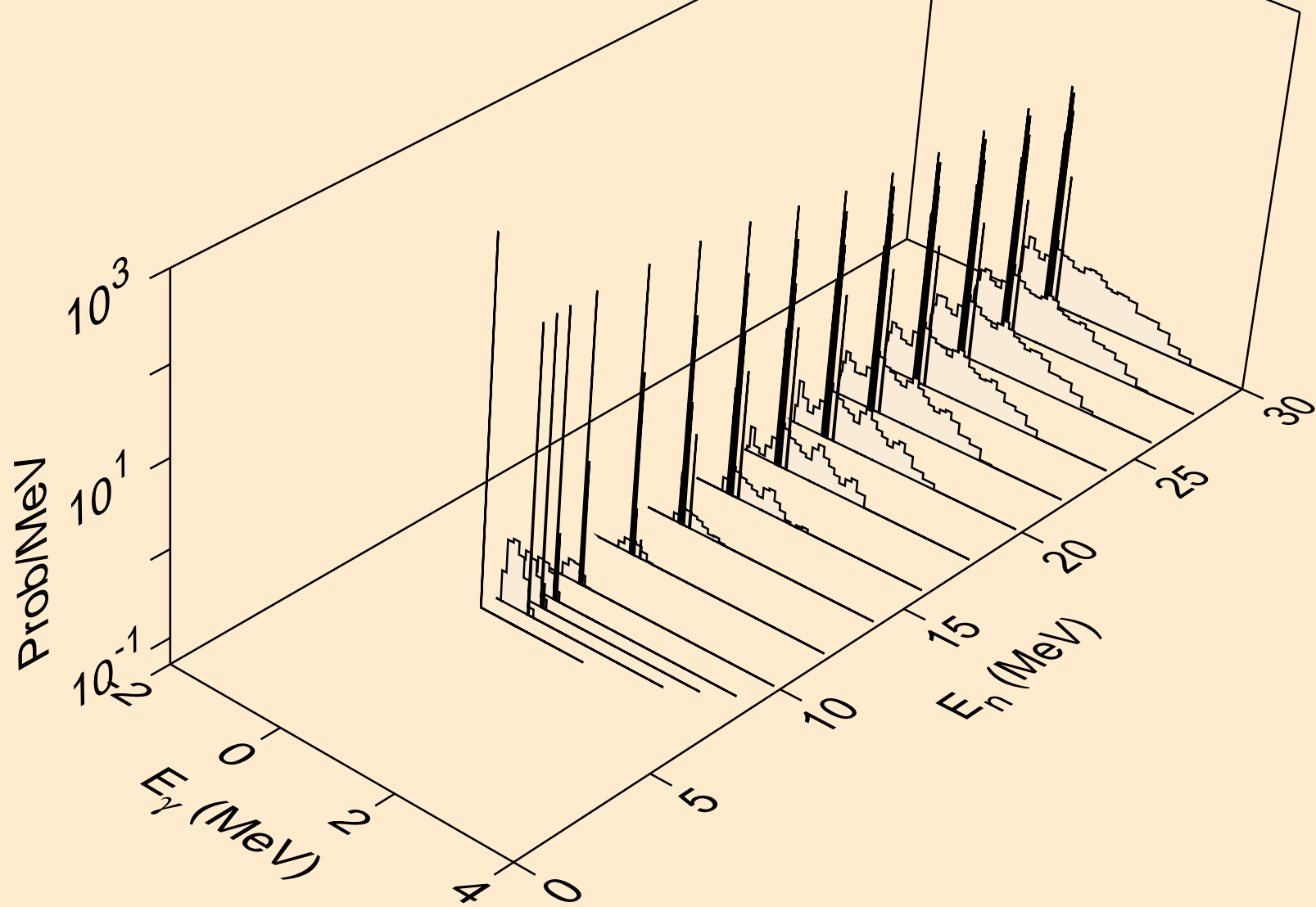
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Photon emission for (n,p $\alpha$ )



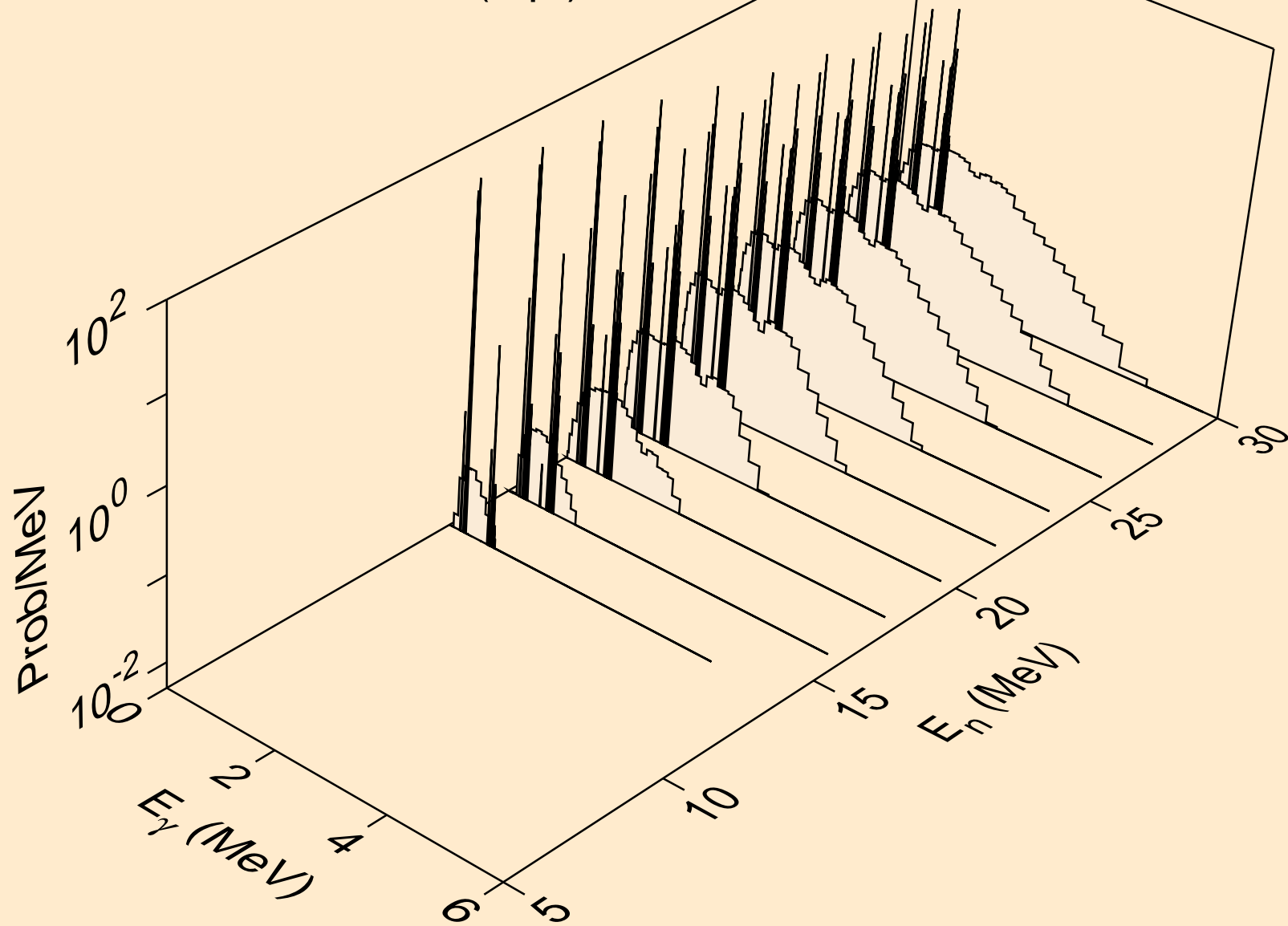
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Photon emission for (n,d2a)



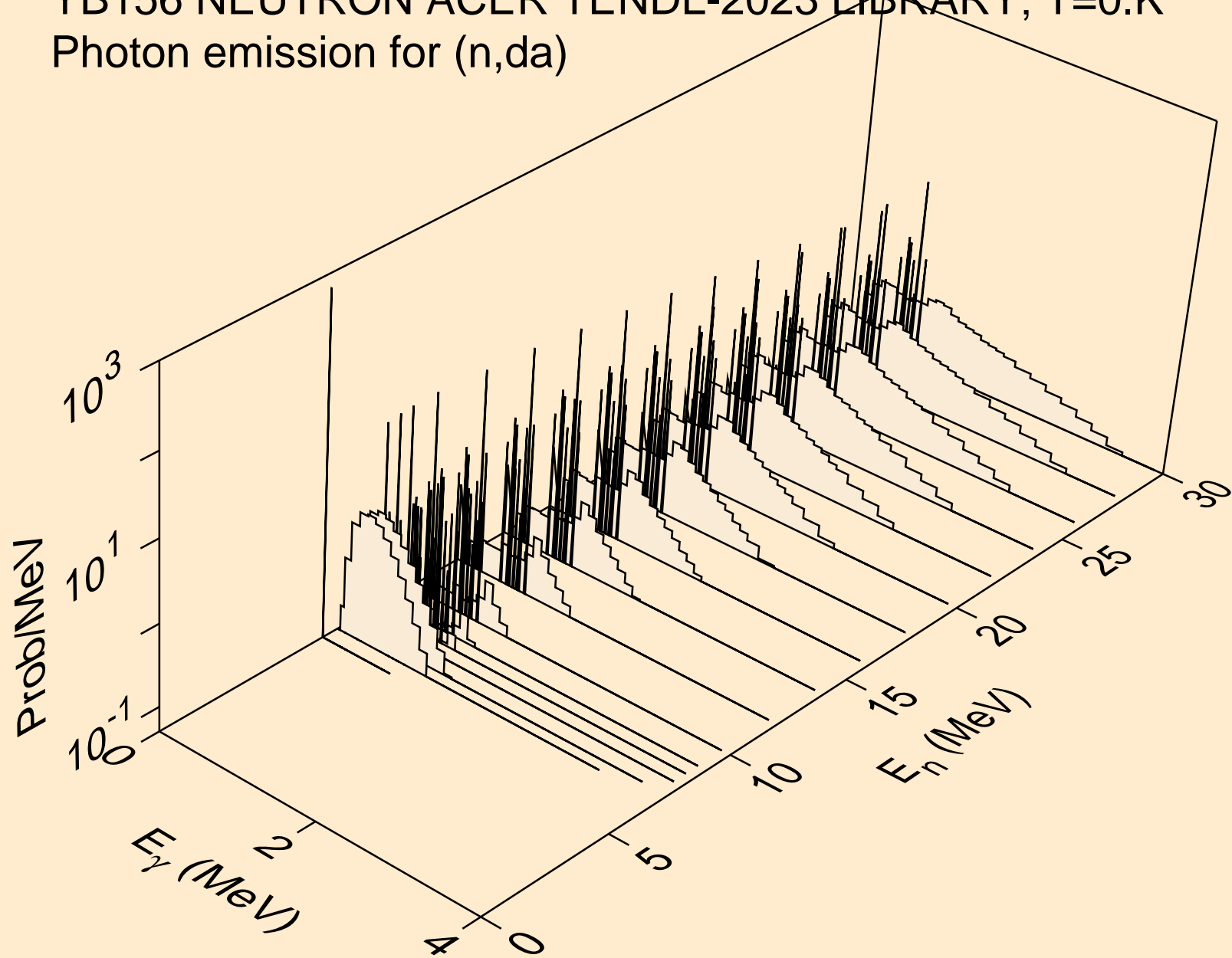
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



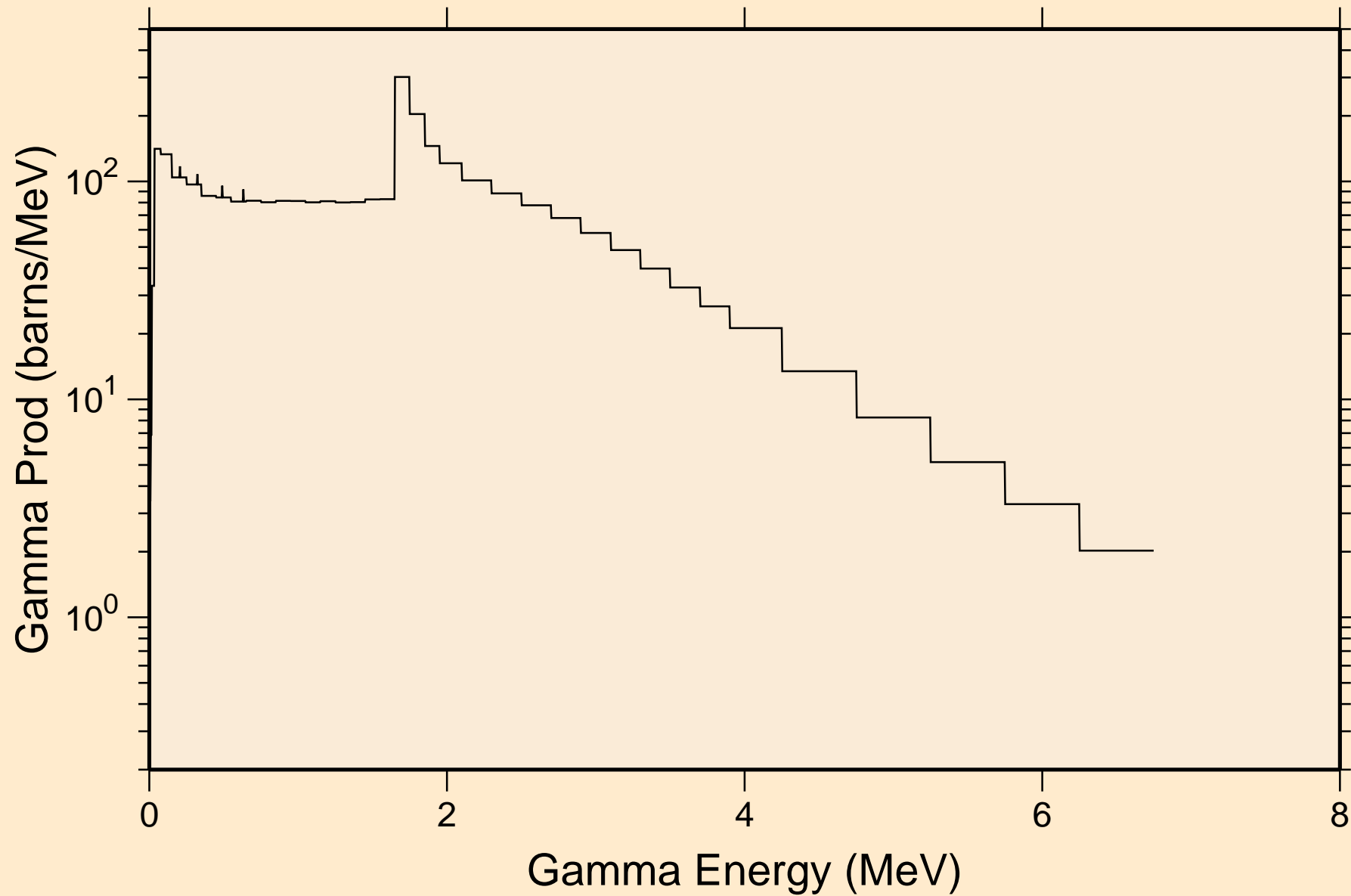
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



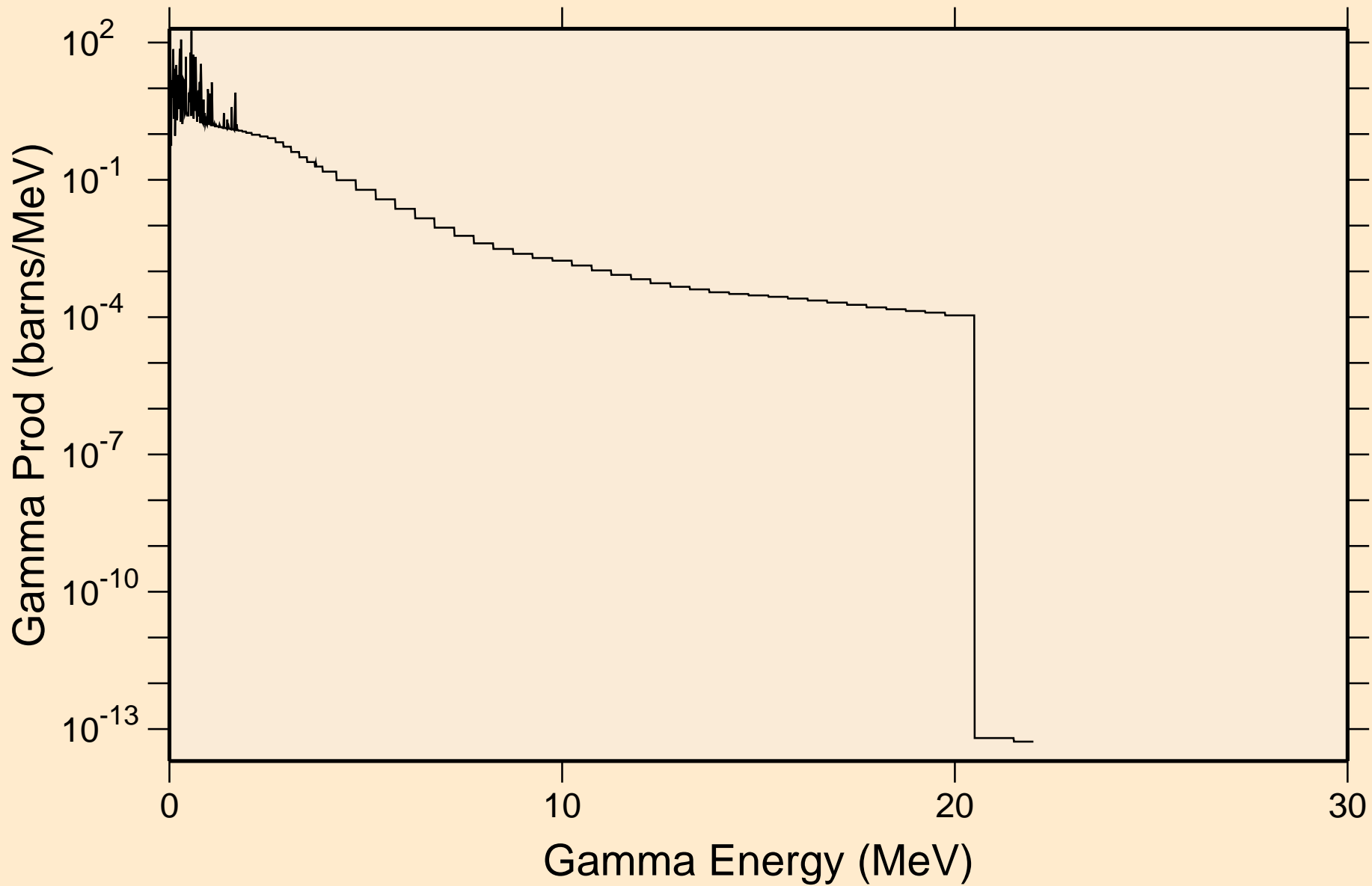
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

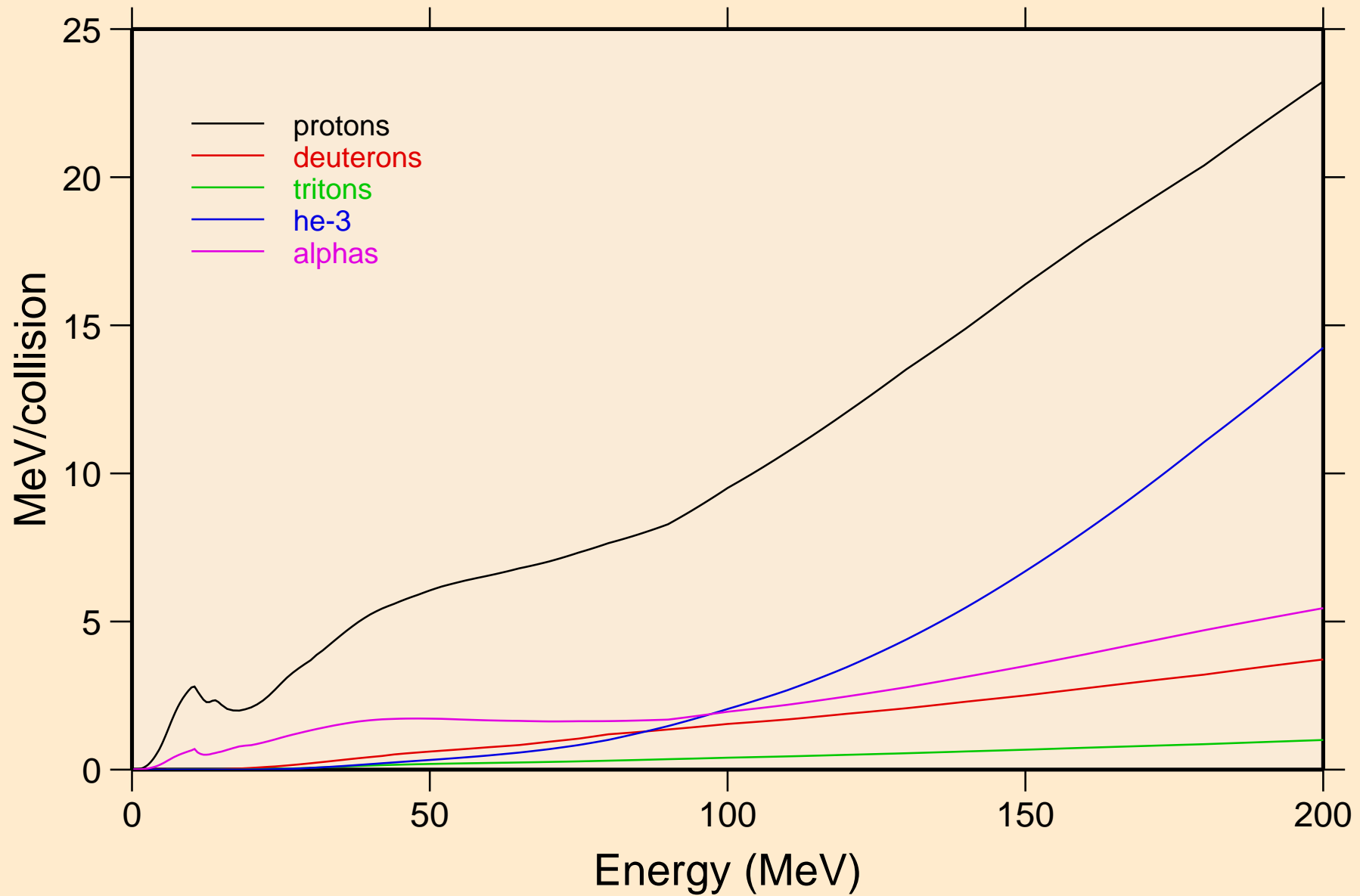


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



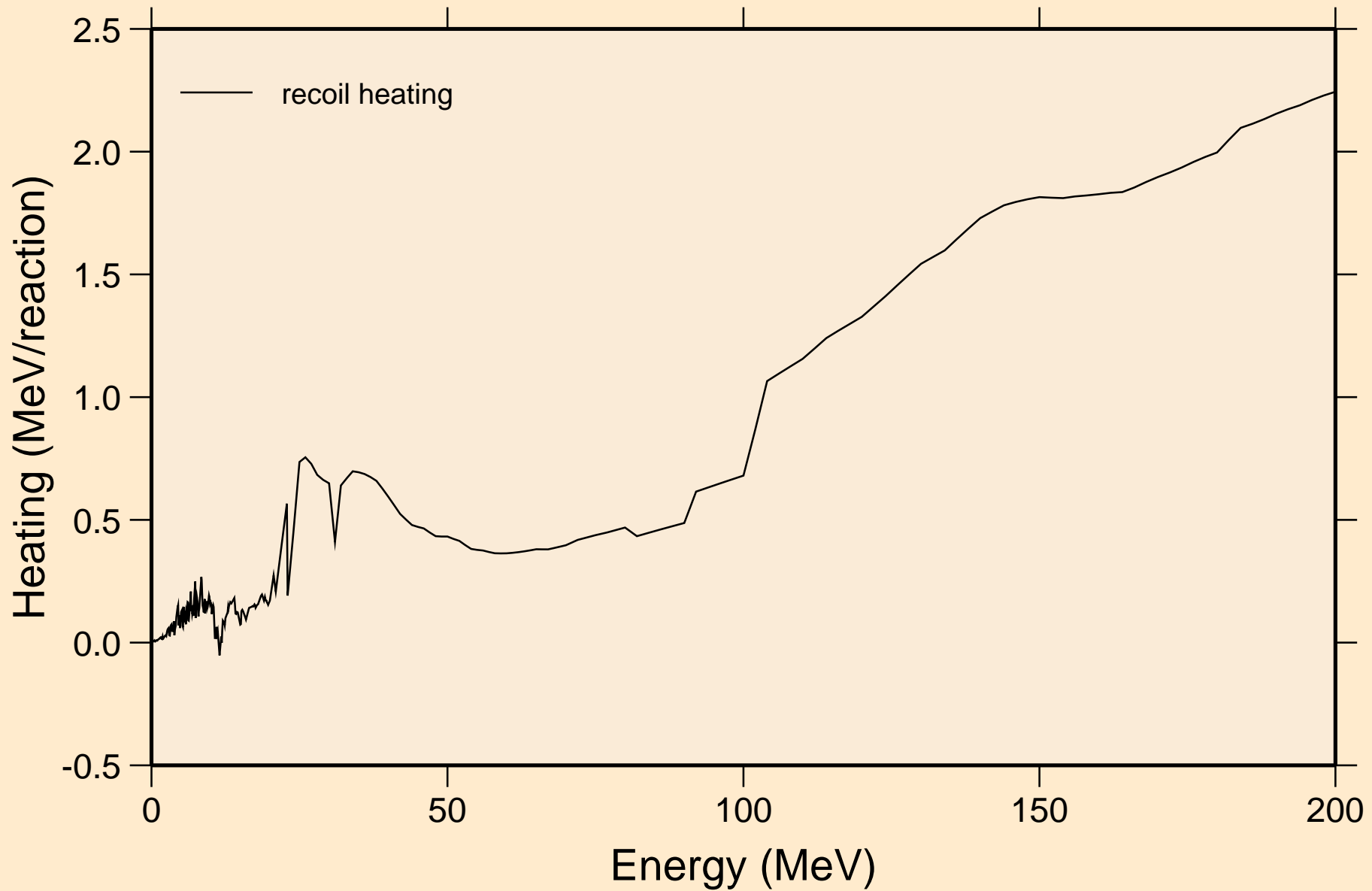
# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



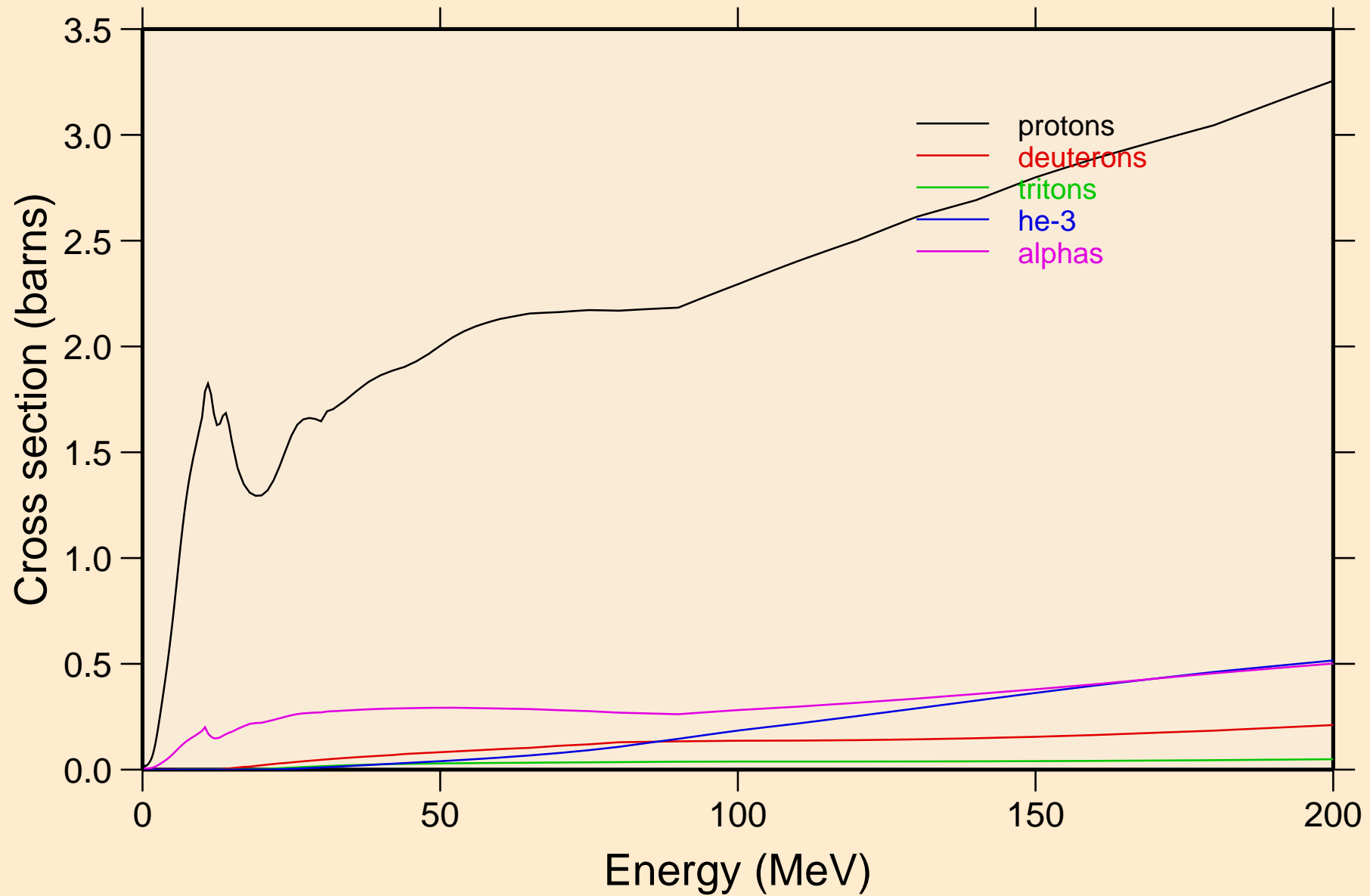


YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

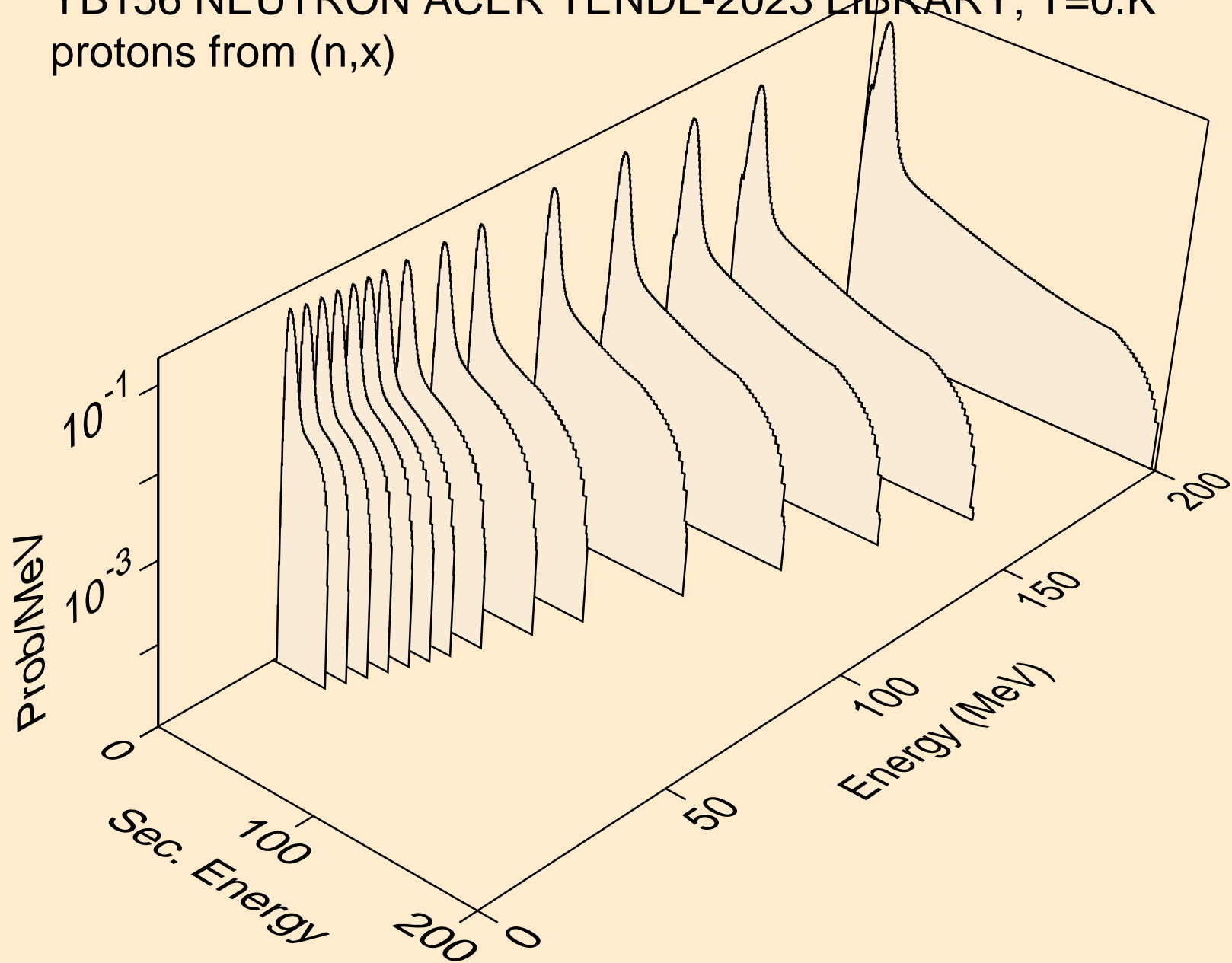


# YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

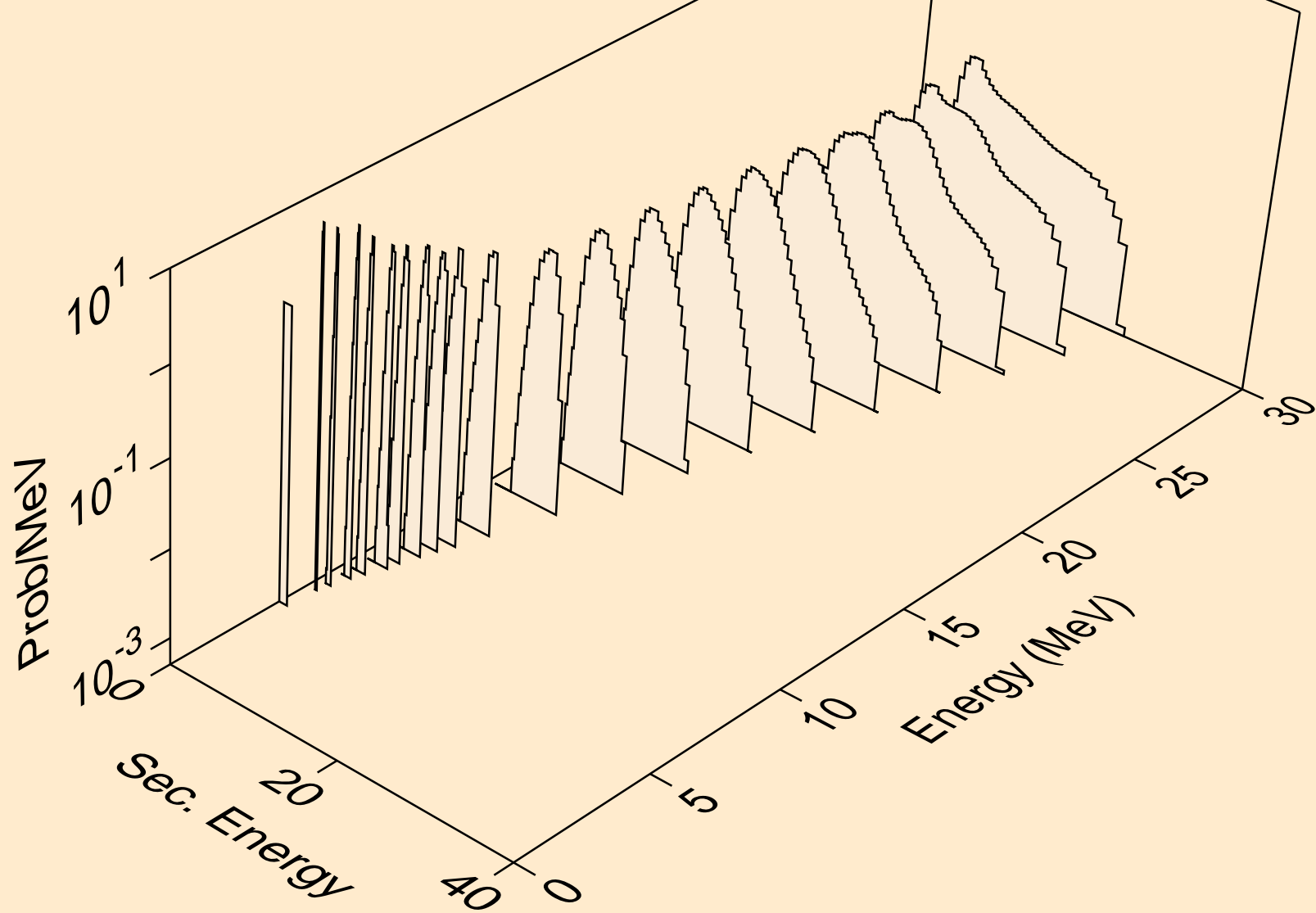
## Particle production cross sections



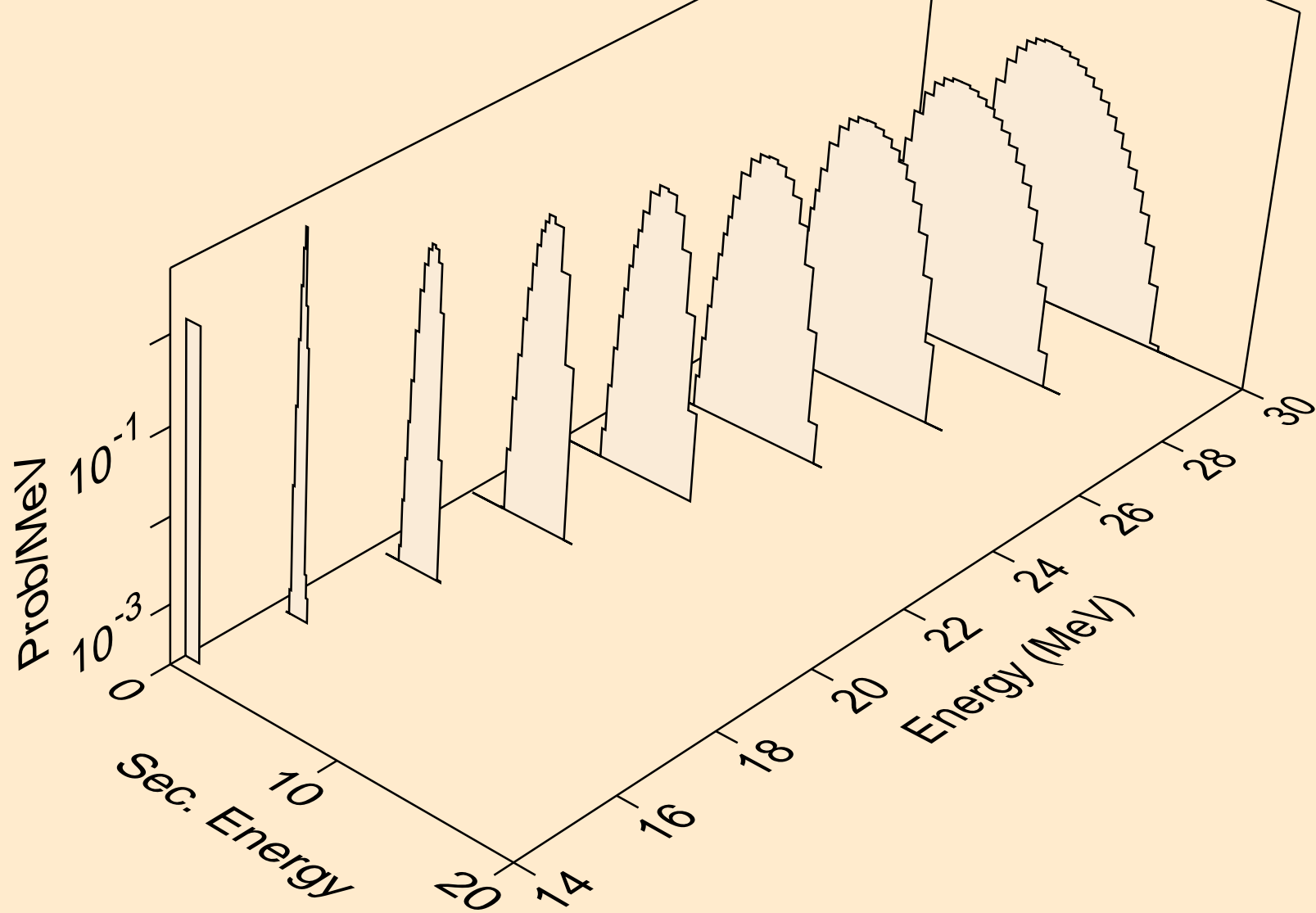
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



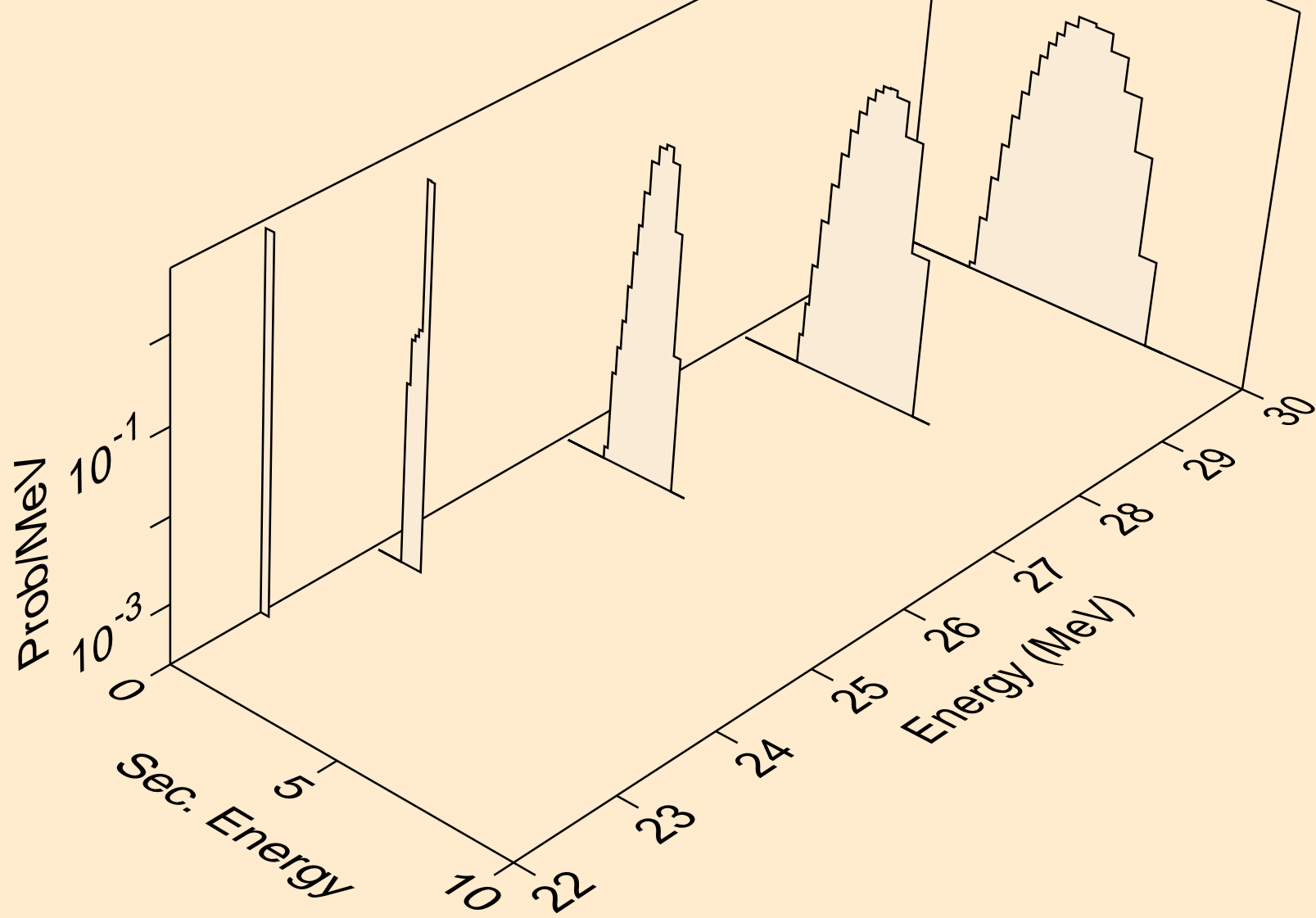
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



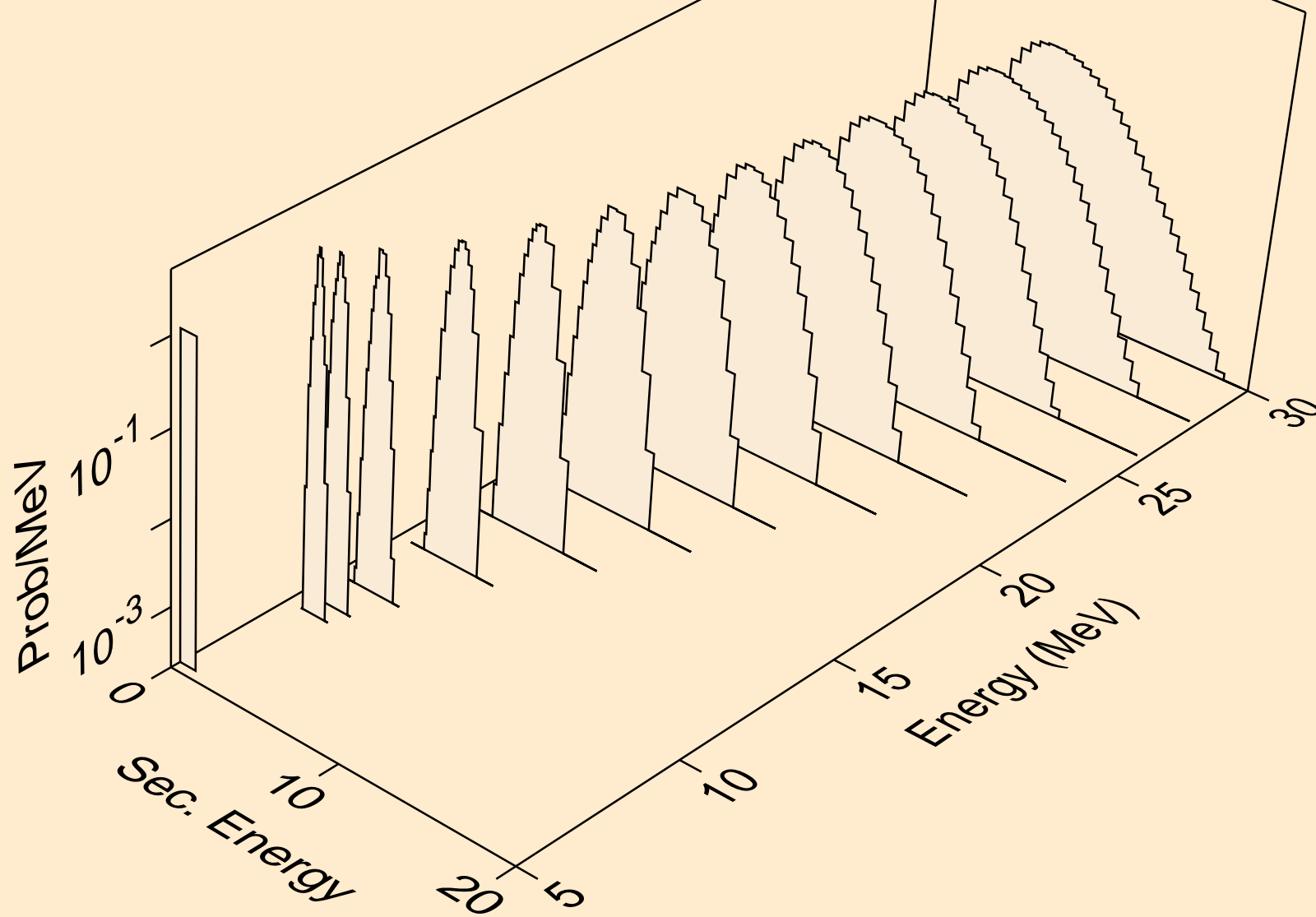
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protons from (n,2np)



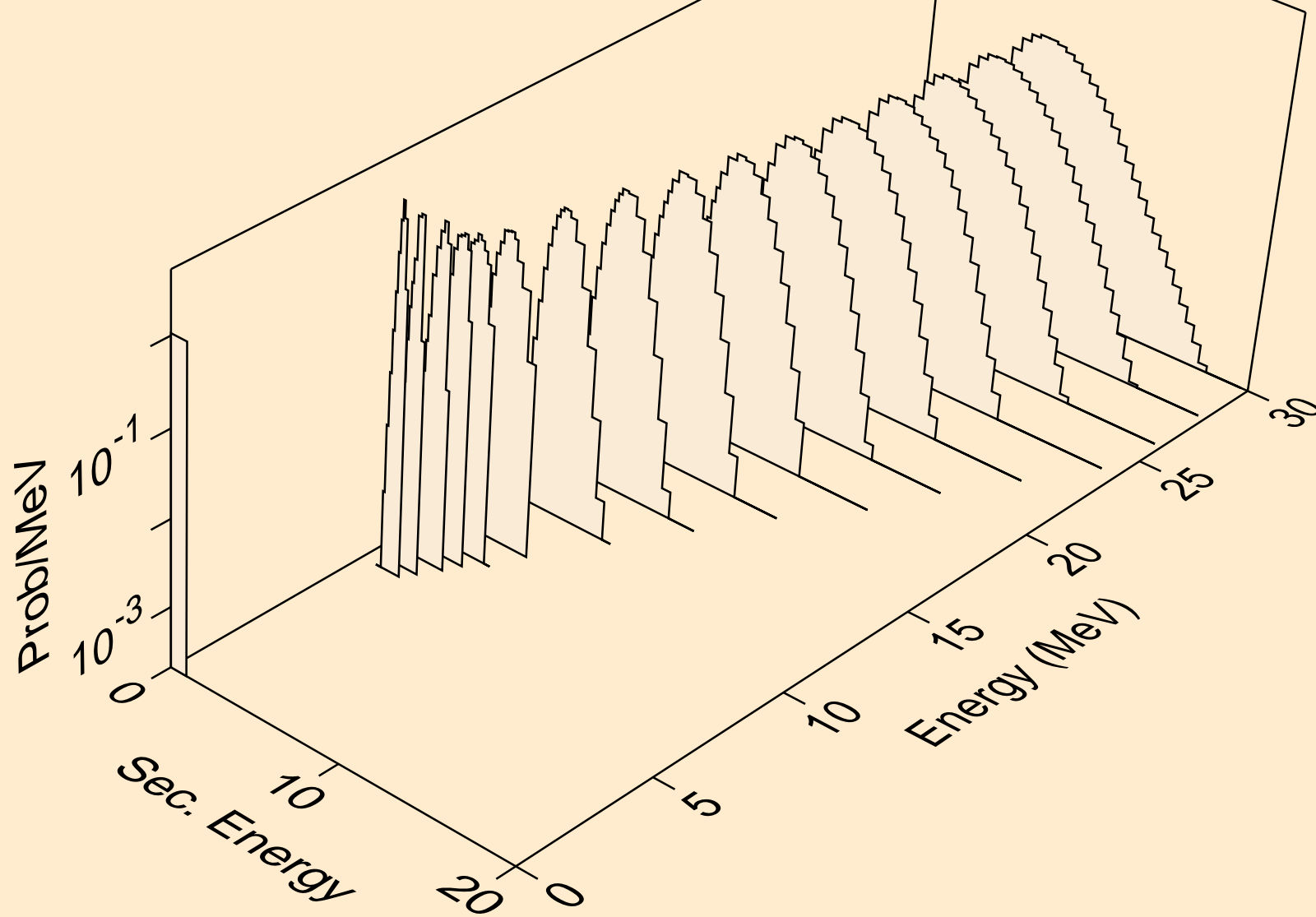
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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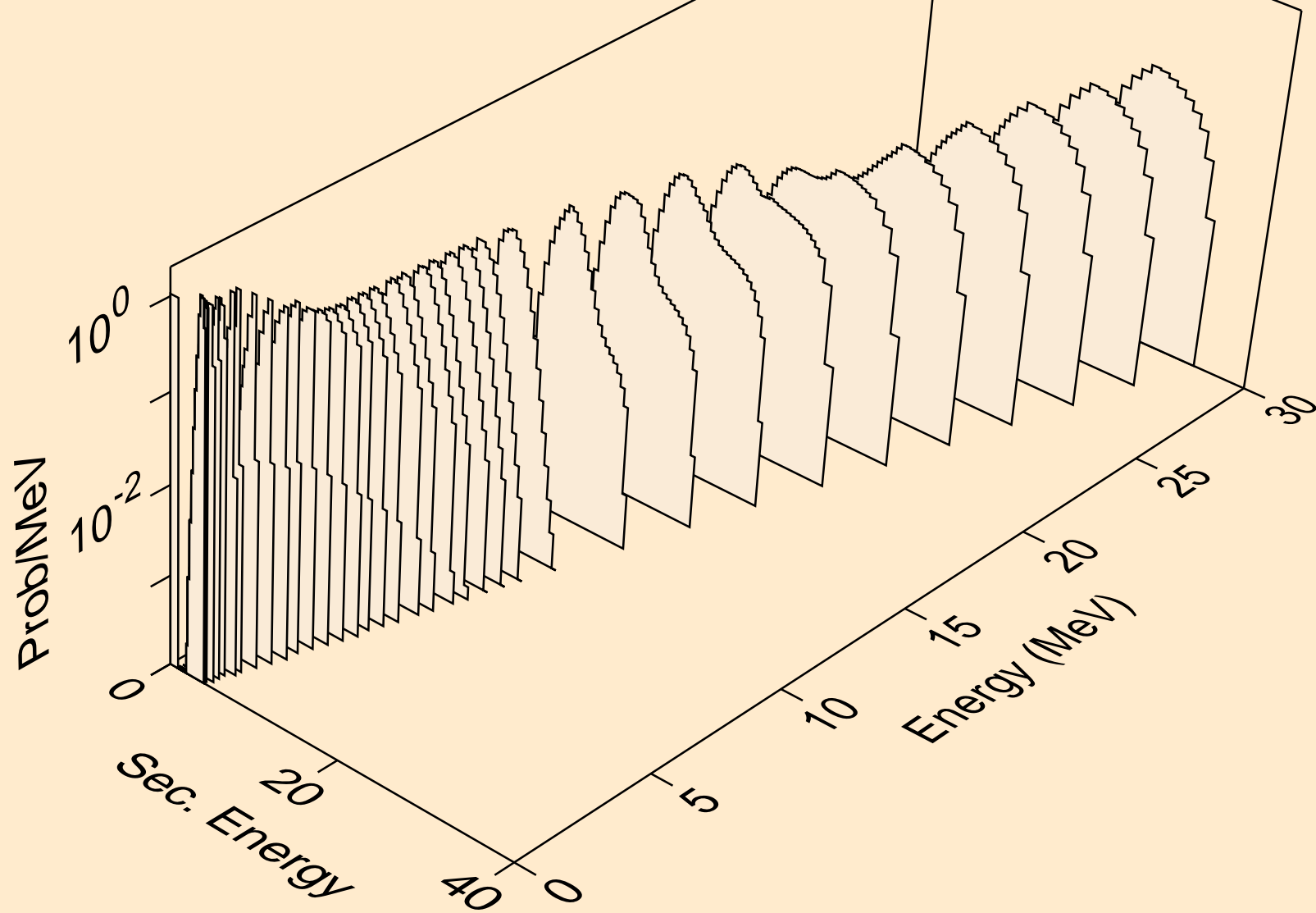


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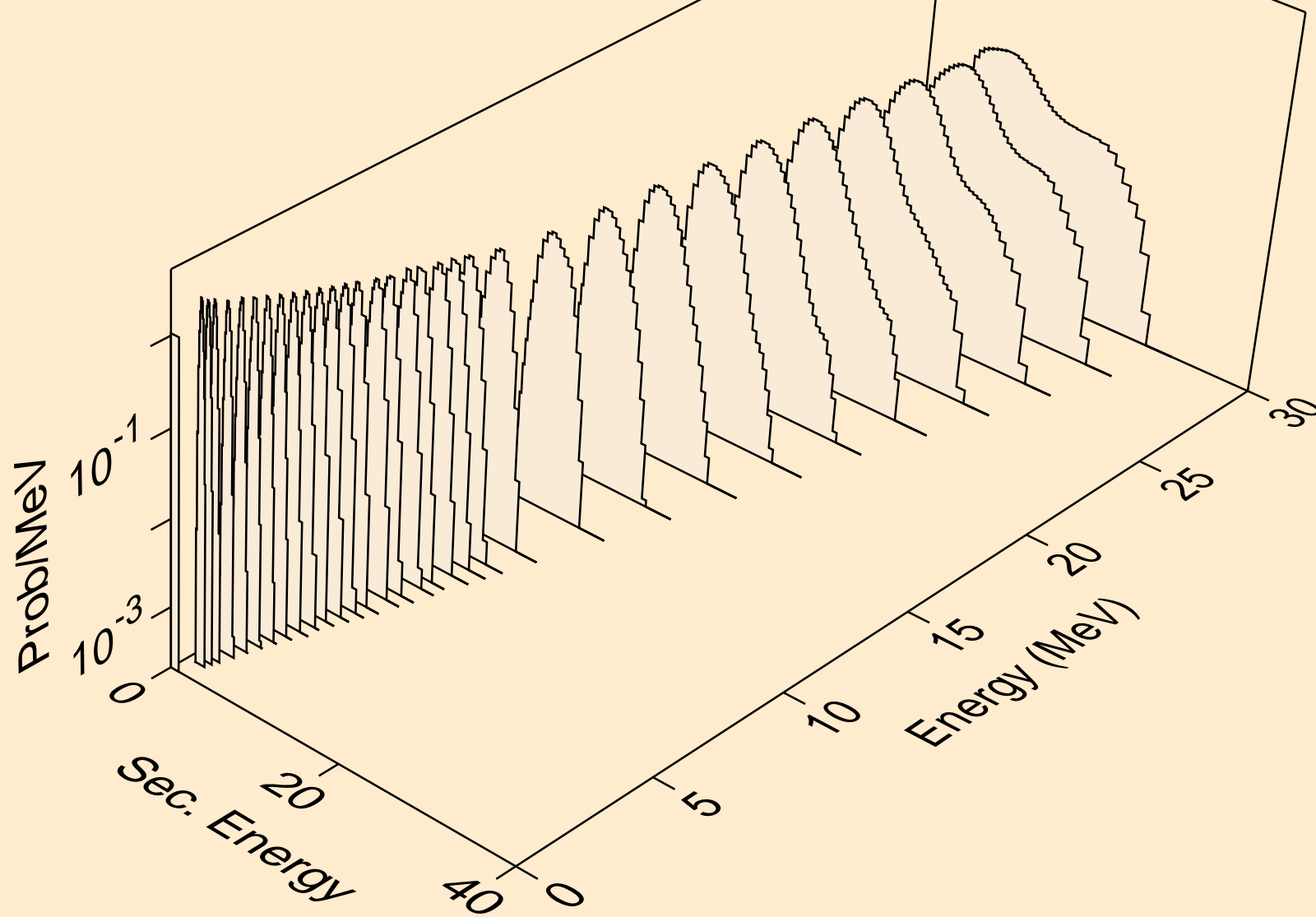




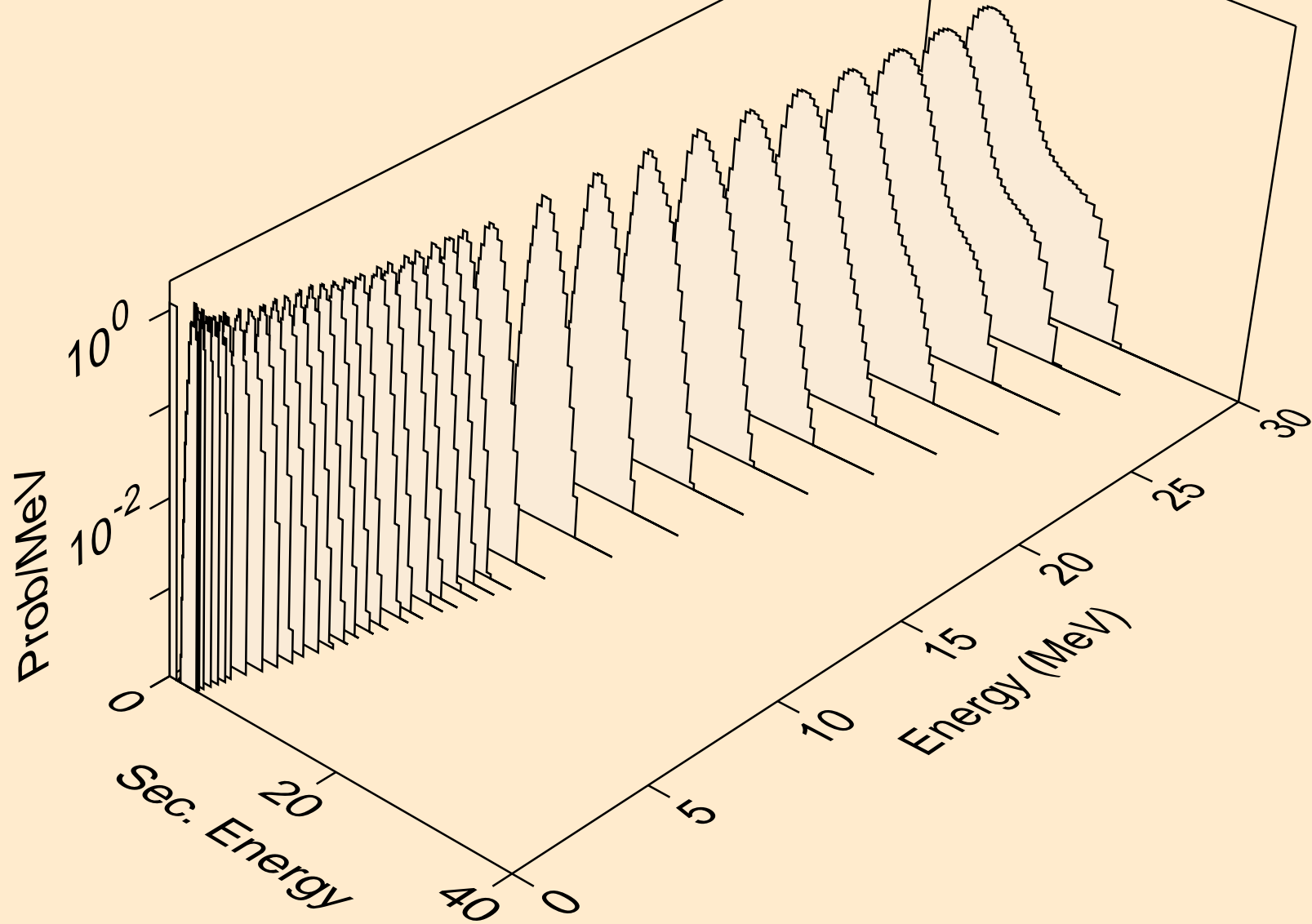
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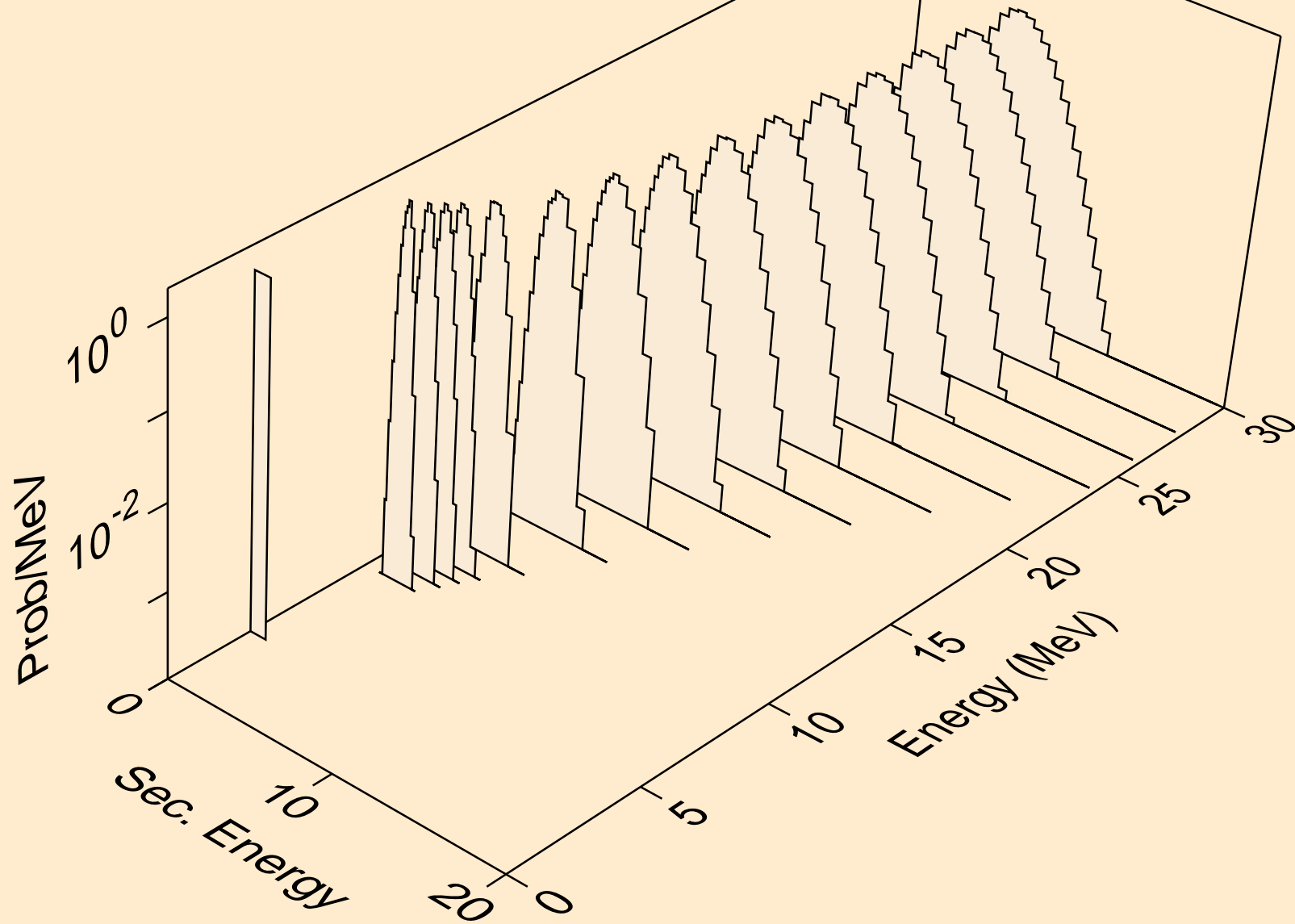
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protons from (n,2p)



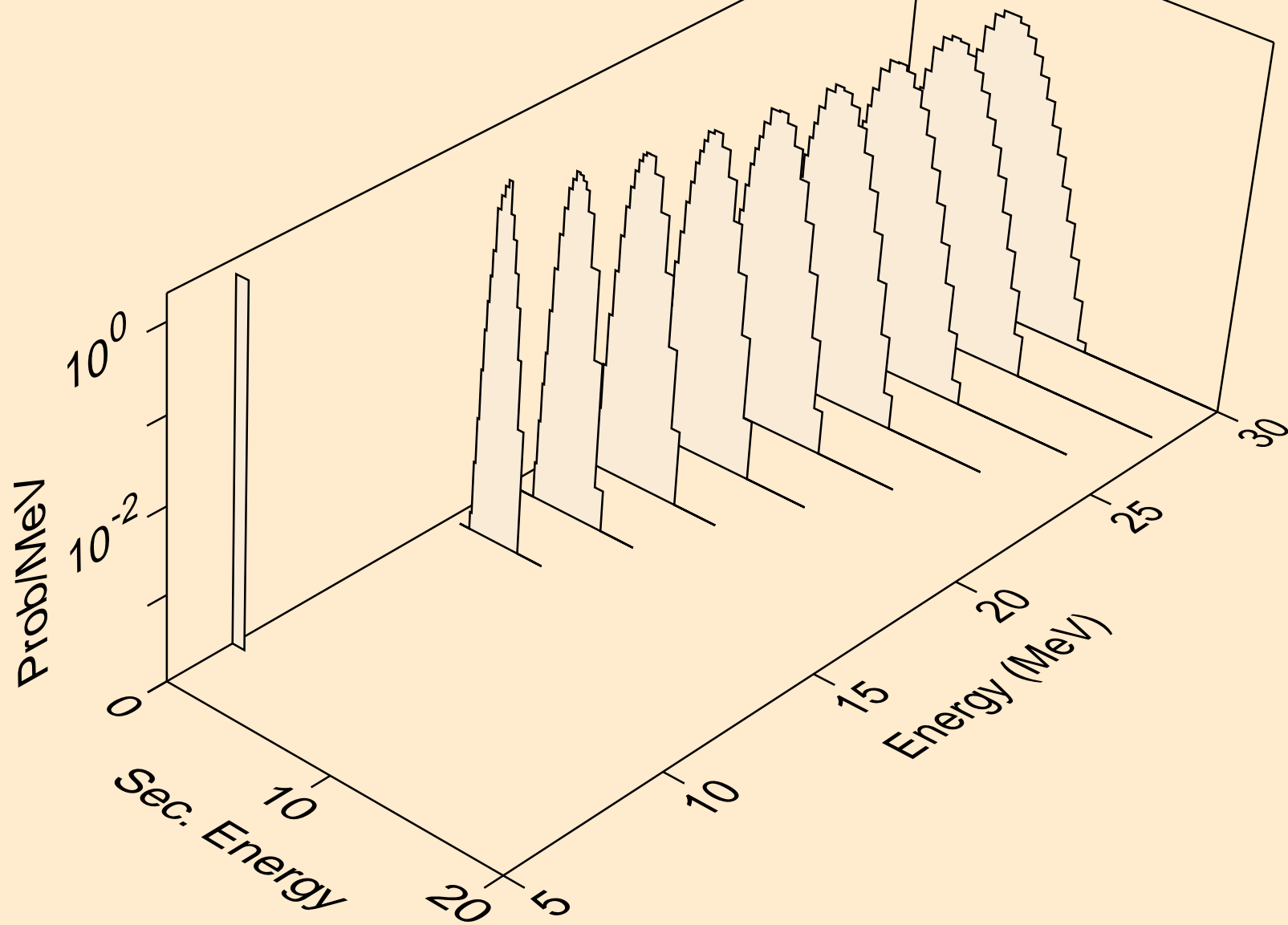
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protons from (n,p)



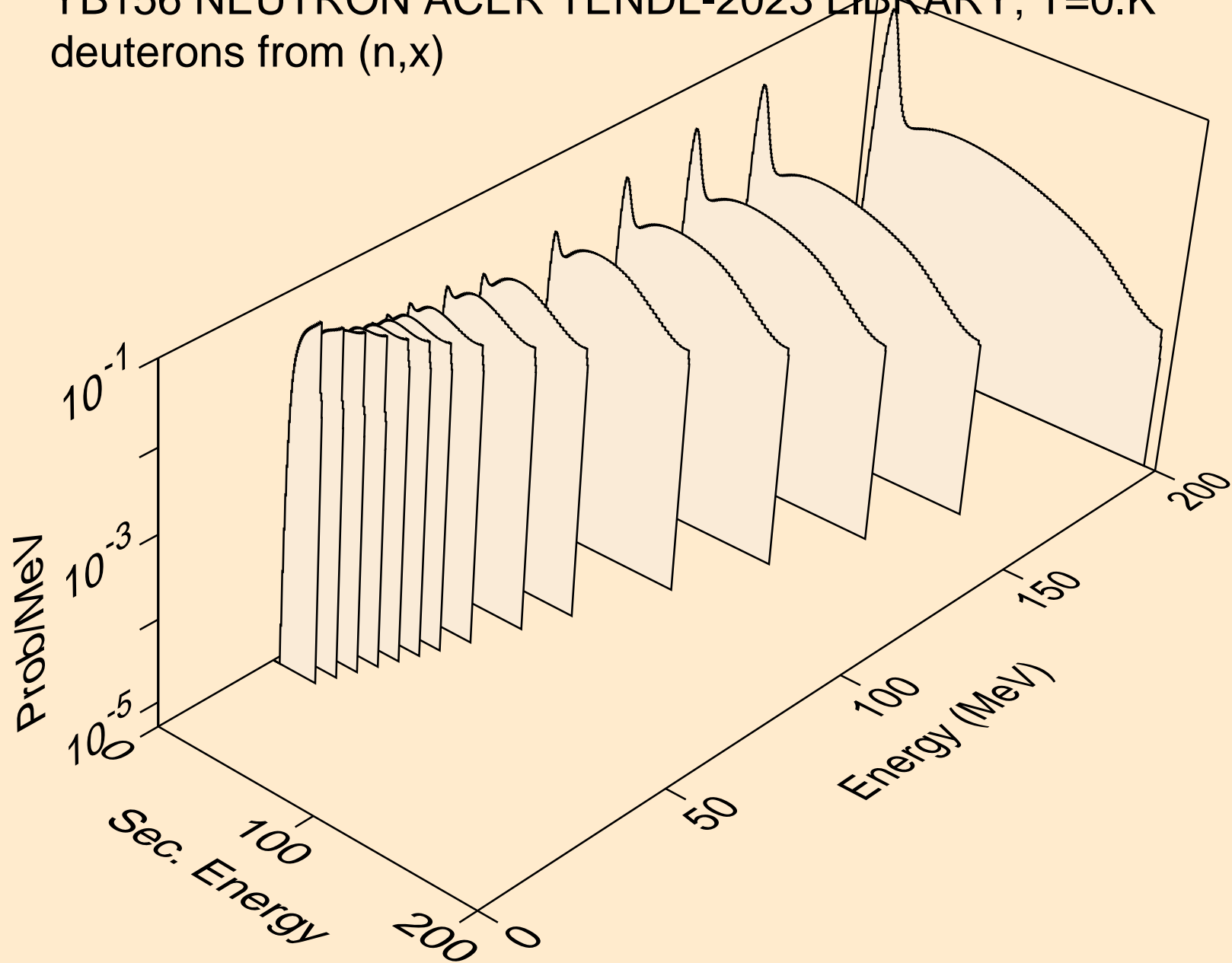
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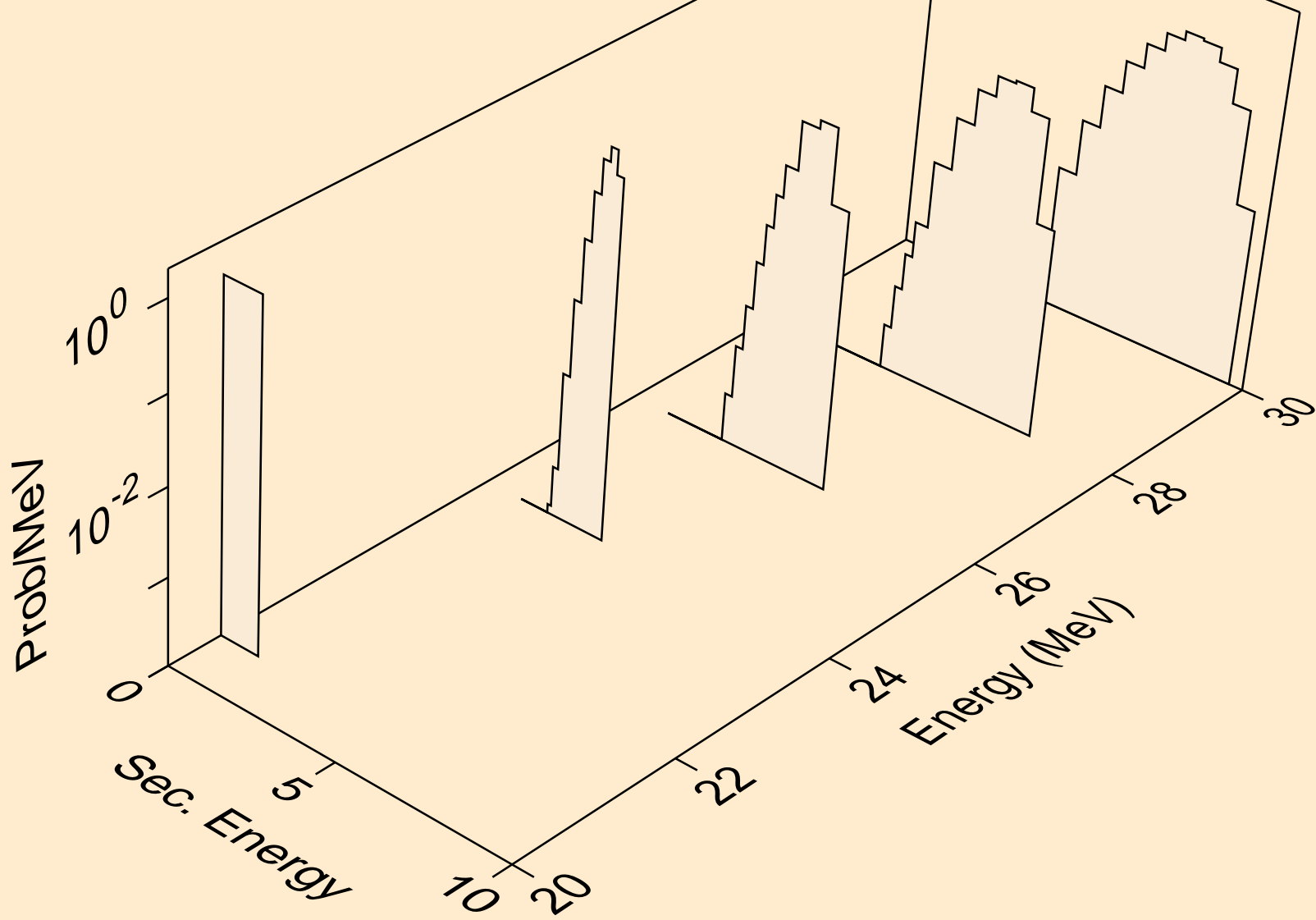
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protons from (n,pt)



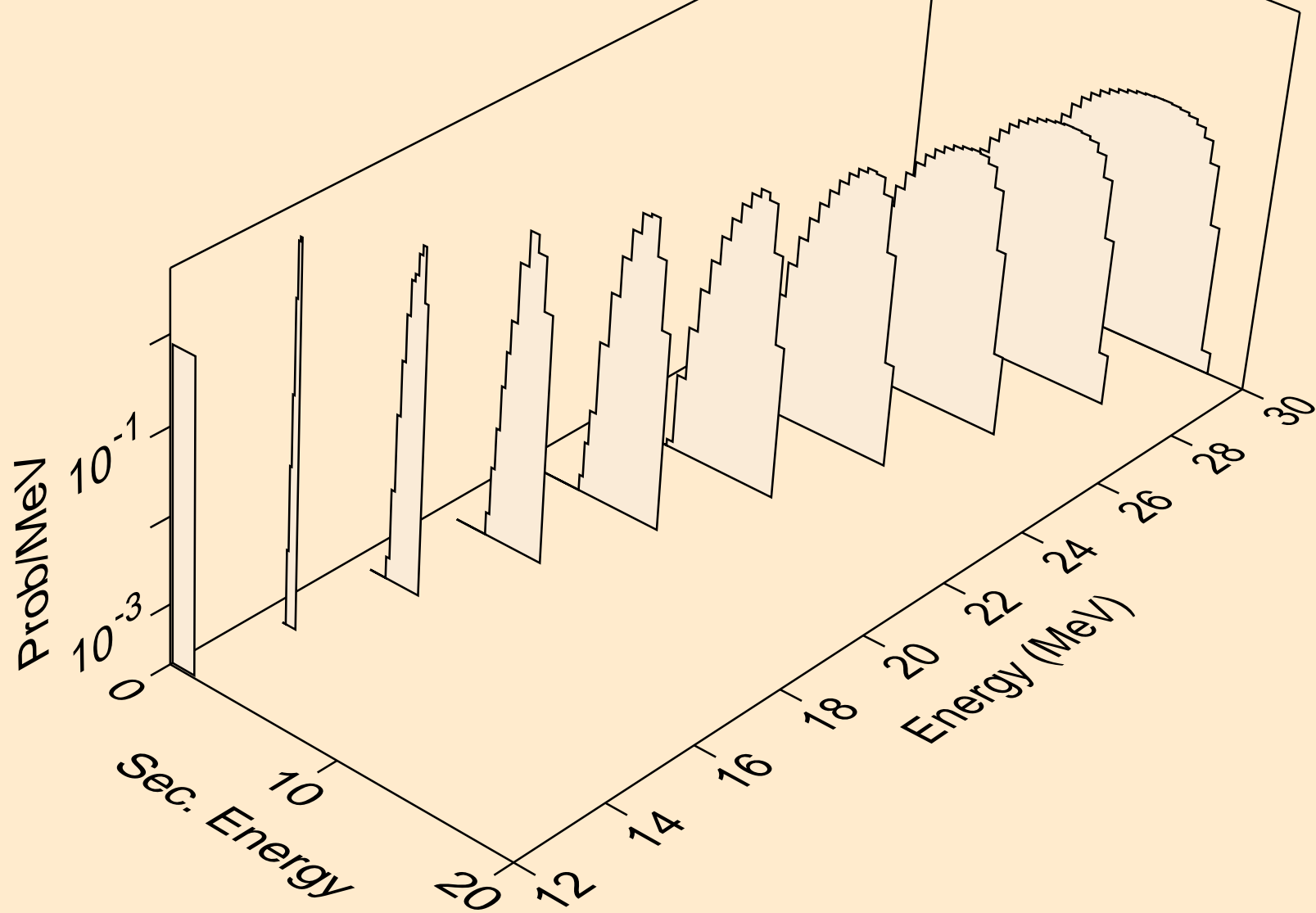
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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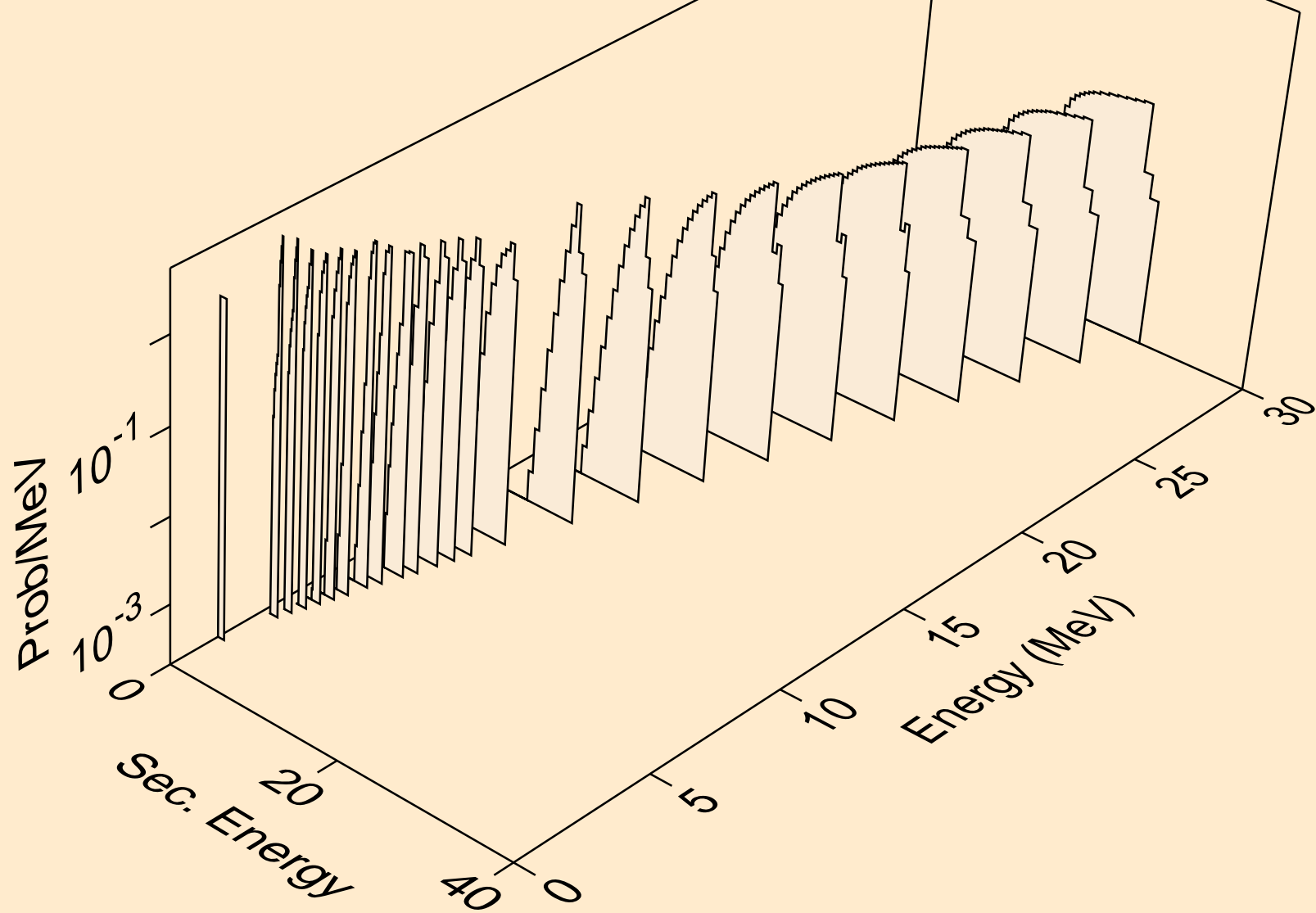


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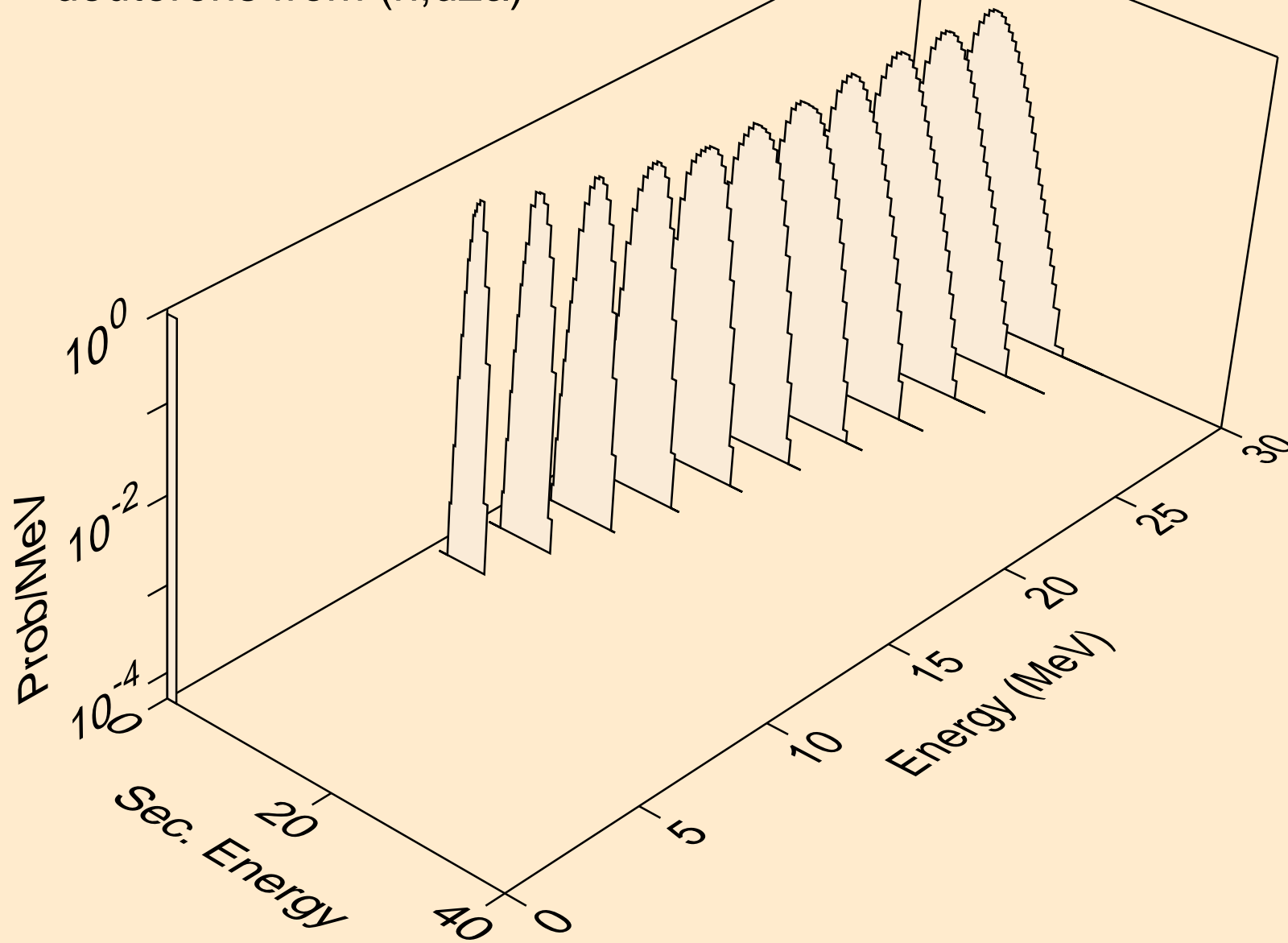




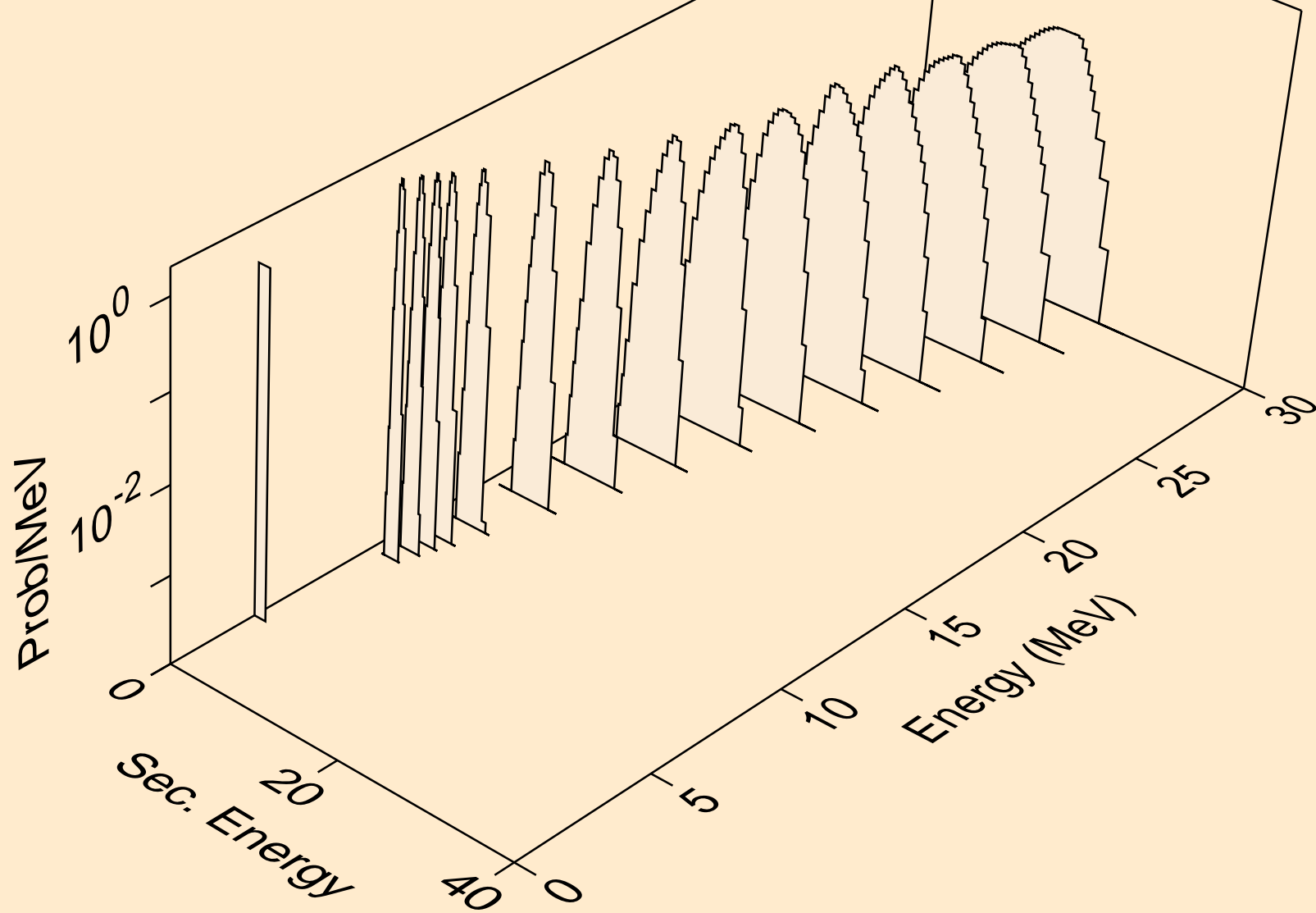
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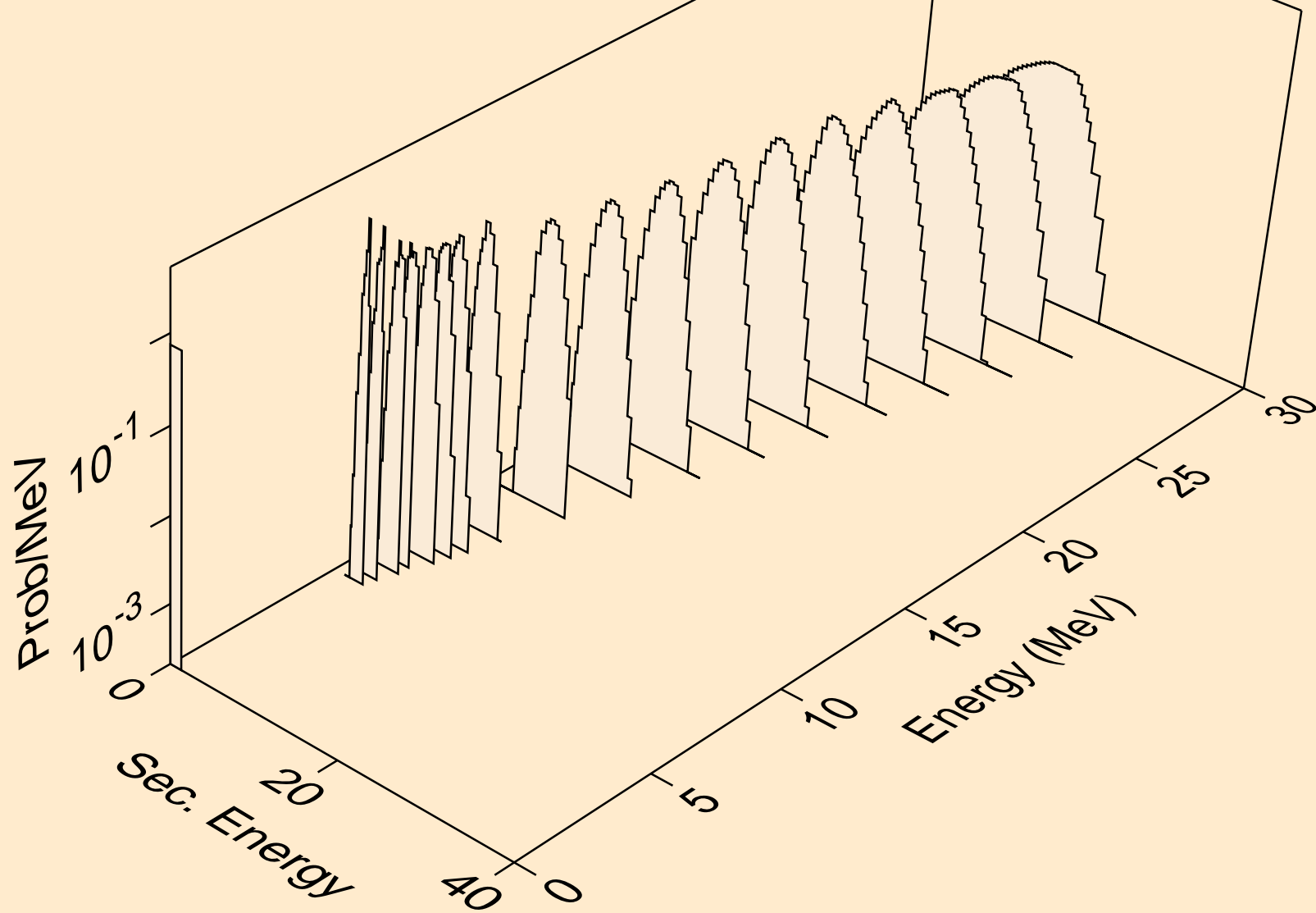
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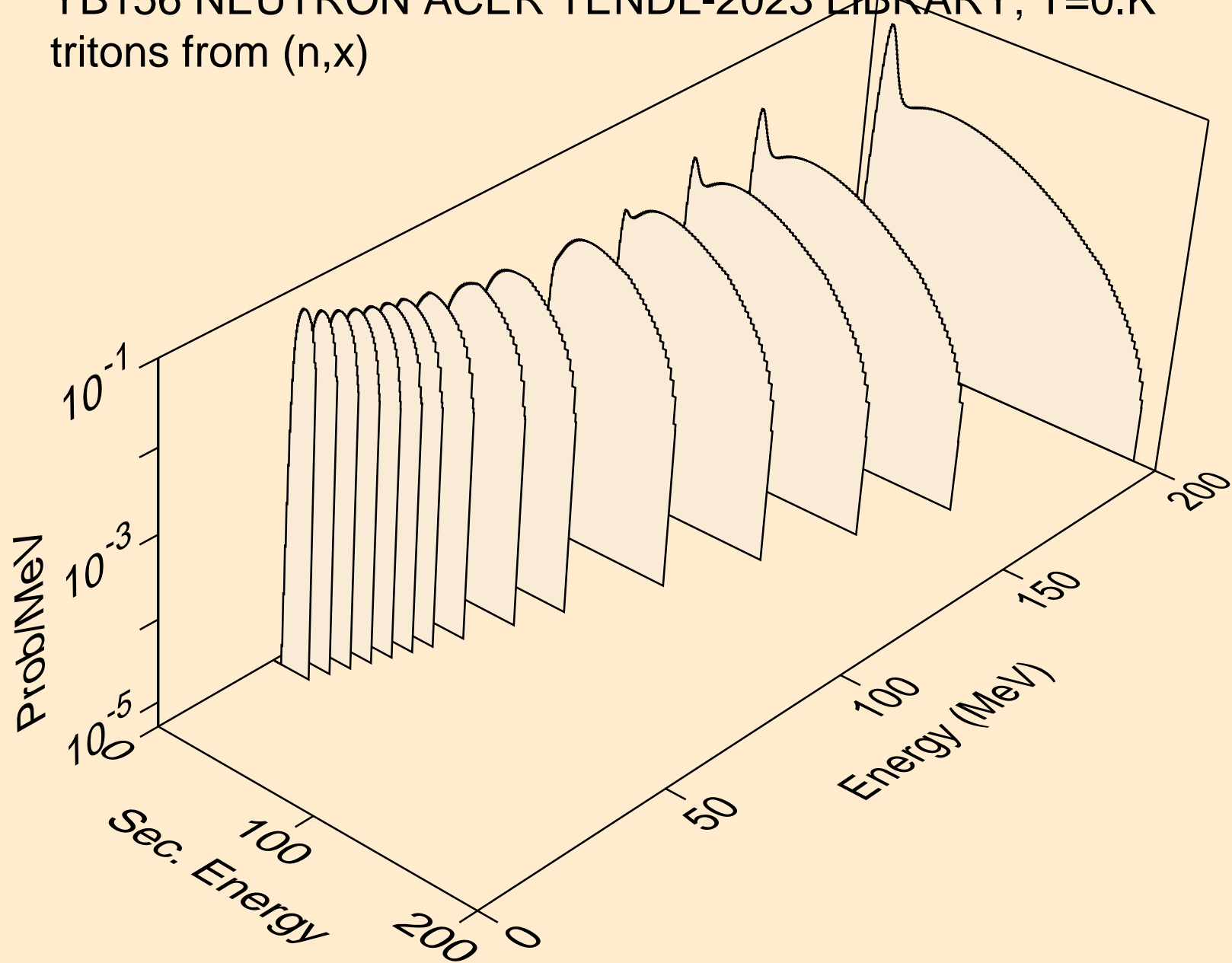
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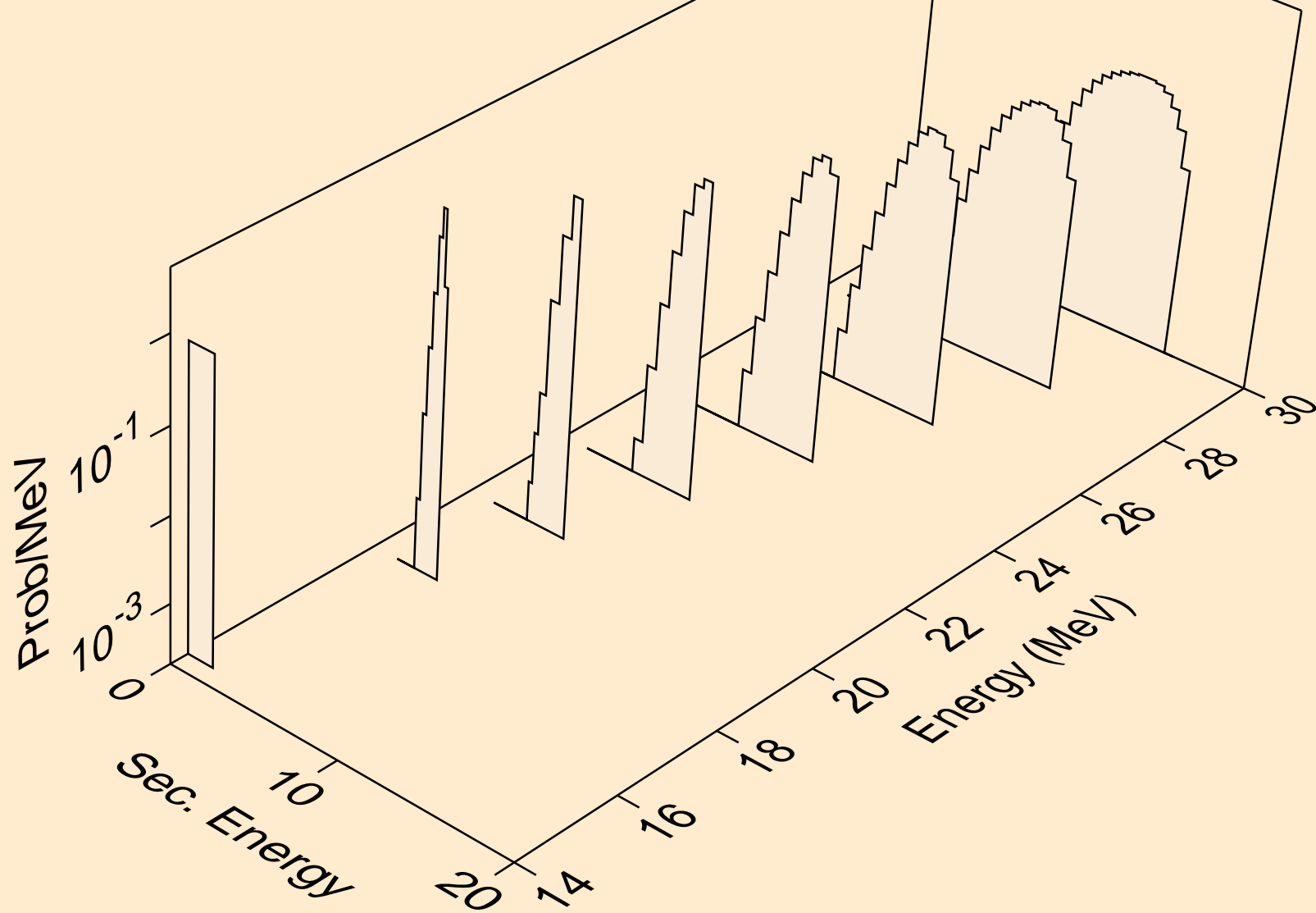
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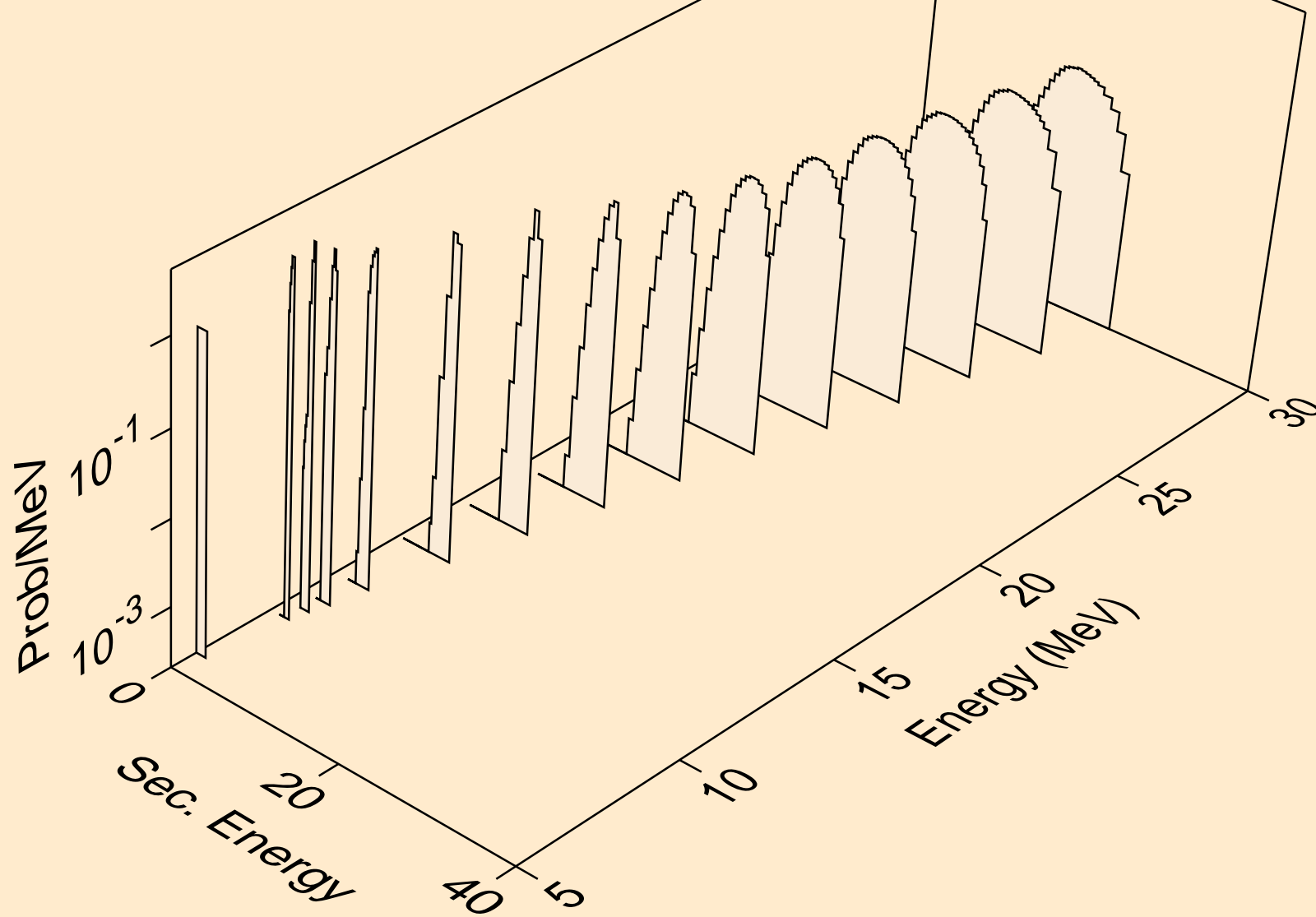
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tritons from (n,x)



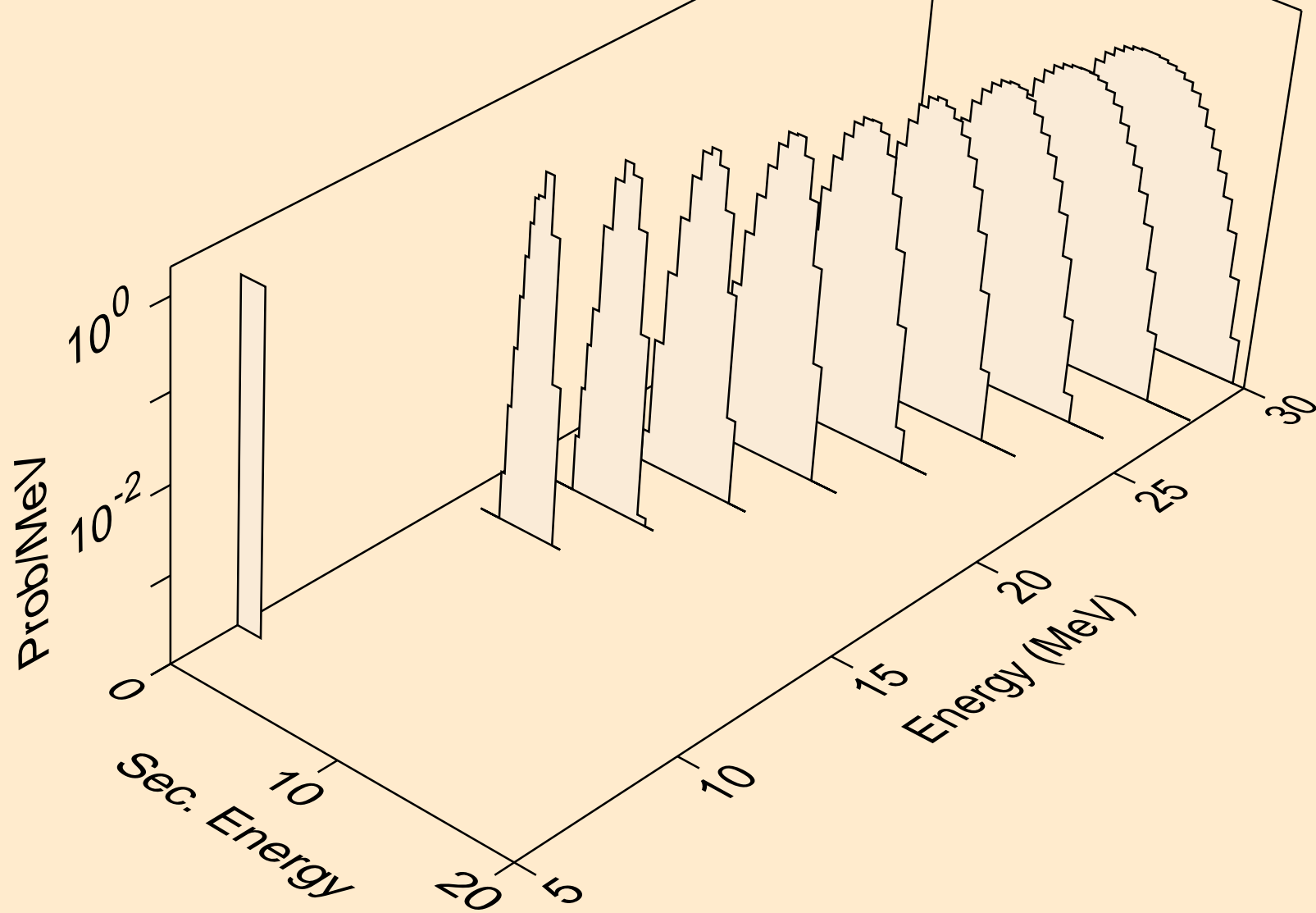
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

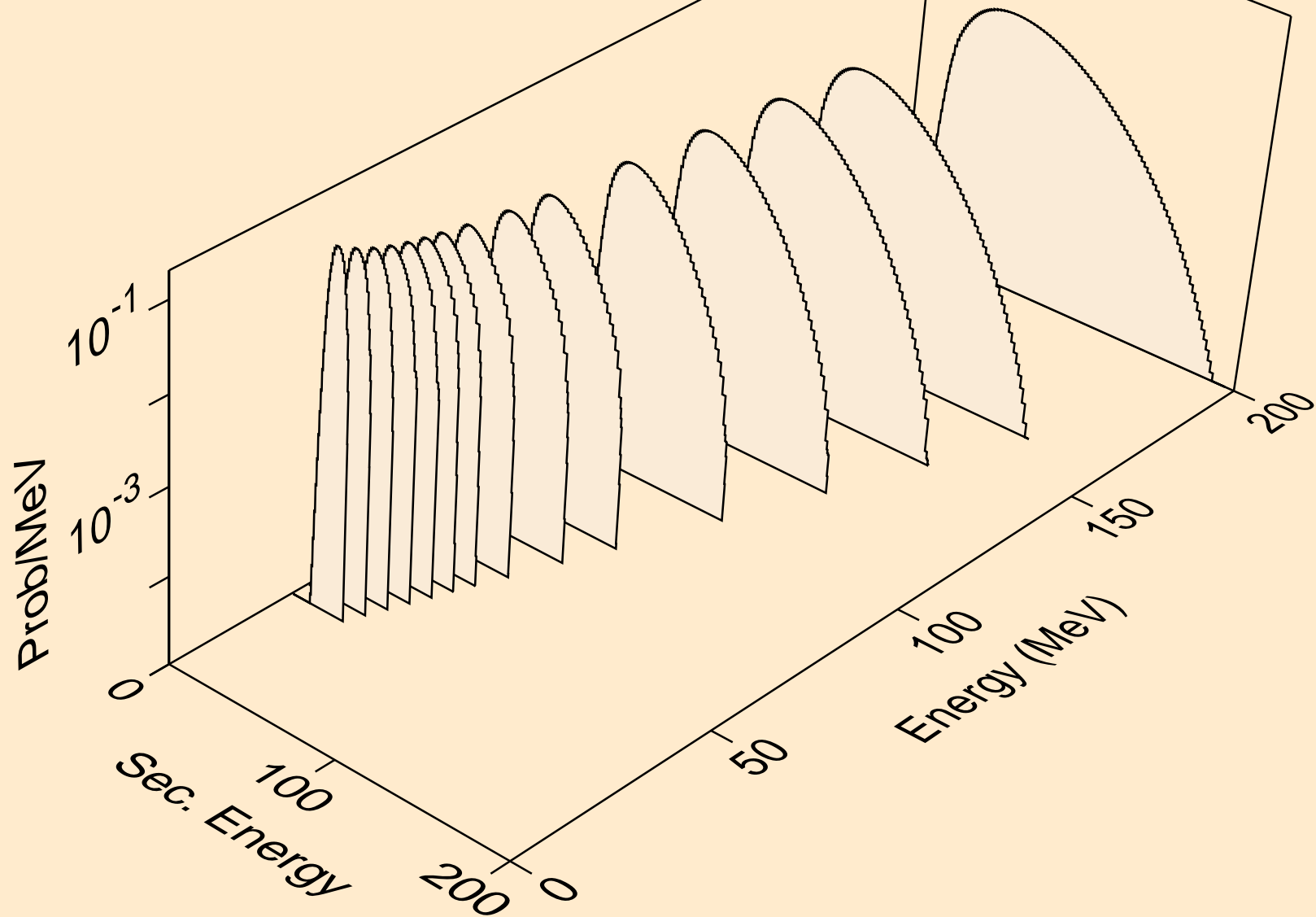


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tritons from (n,pt)

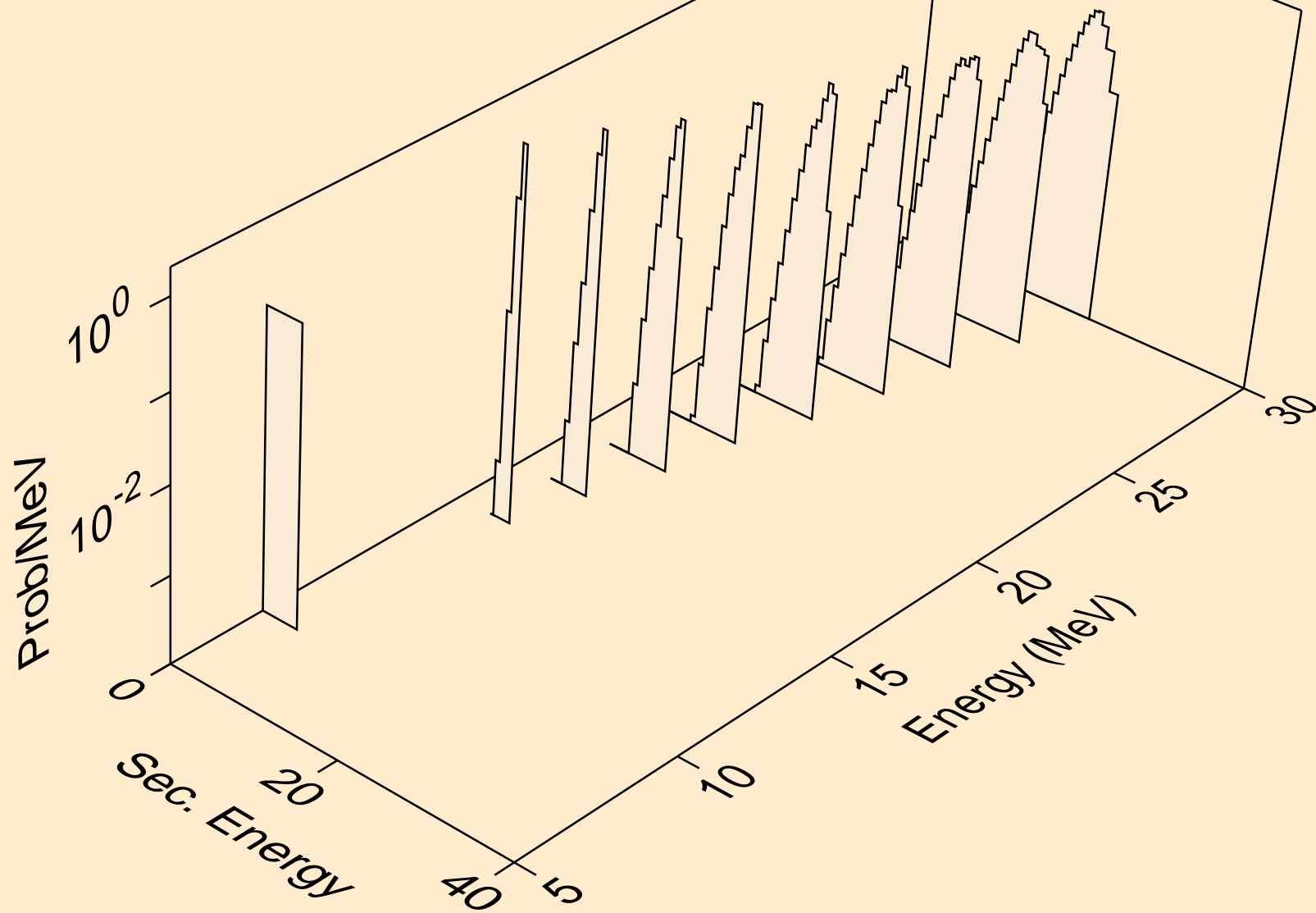




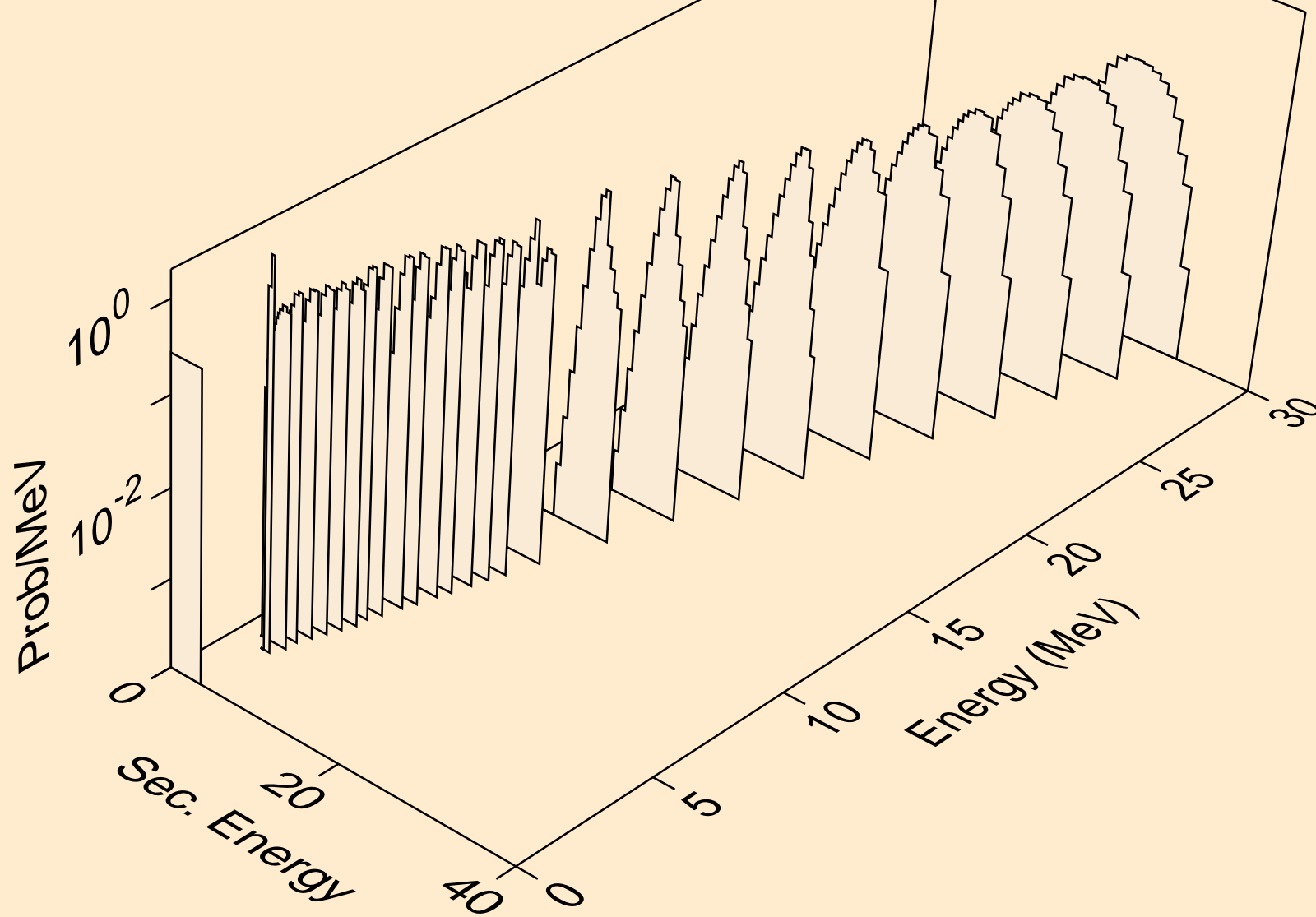
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



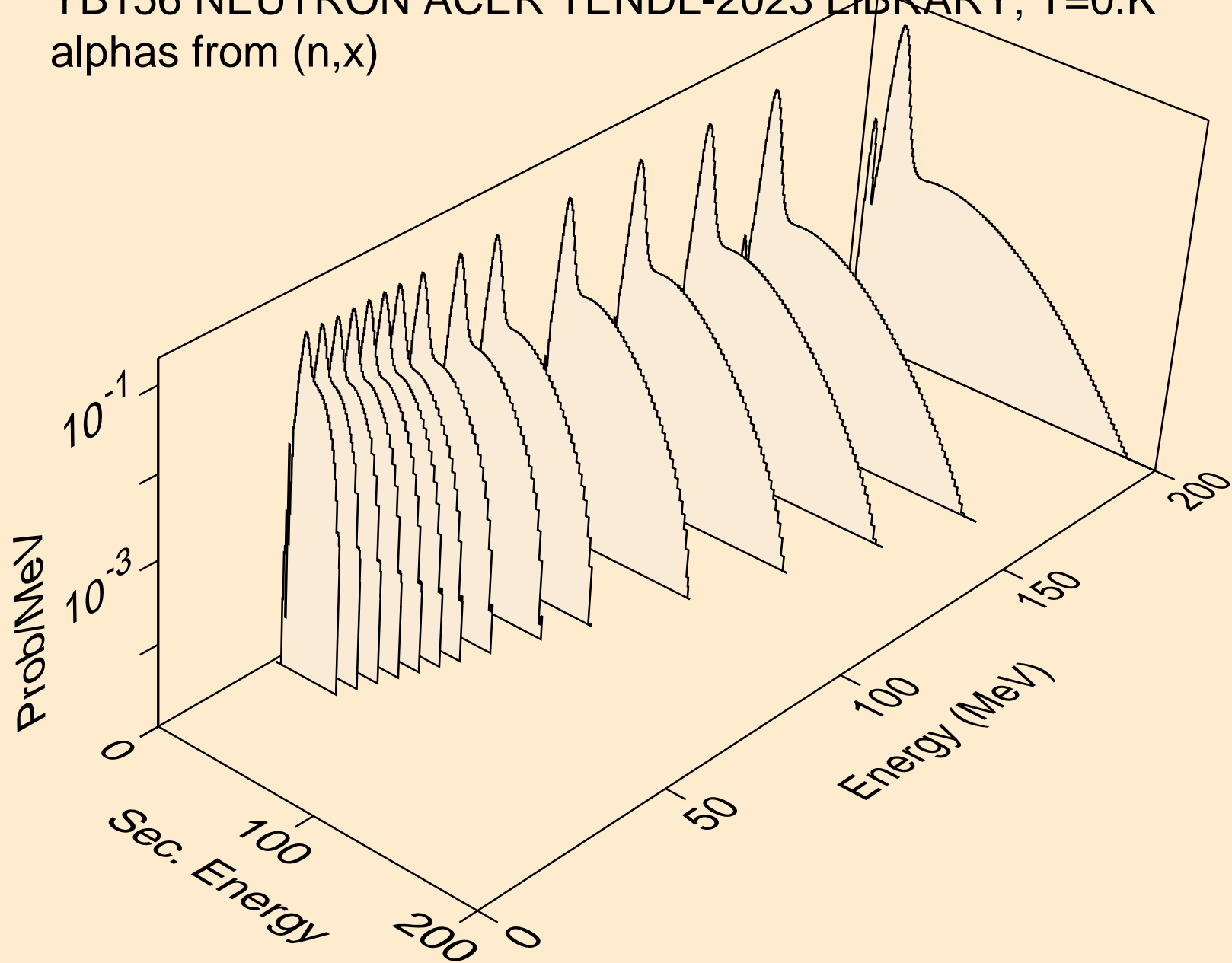
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he3s from (n,n\*)he3



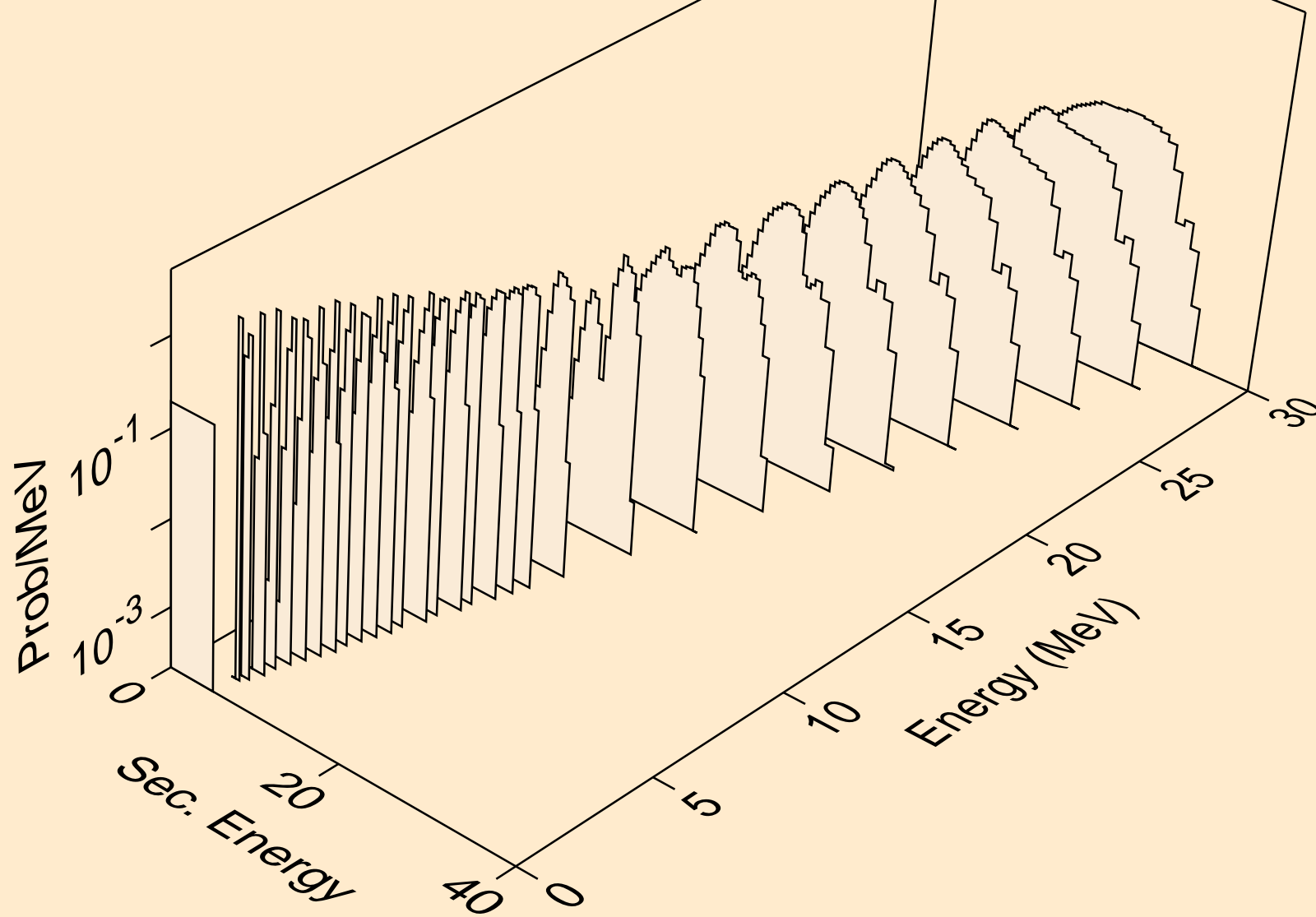
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he3s from (n,he3)



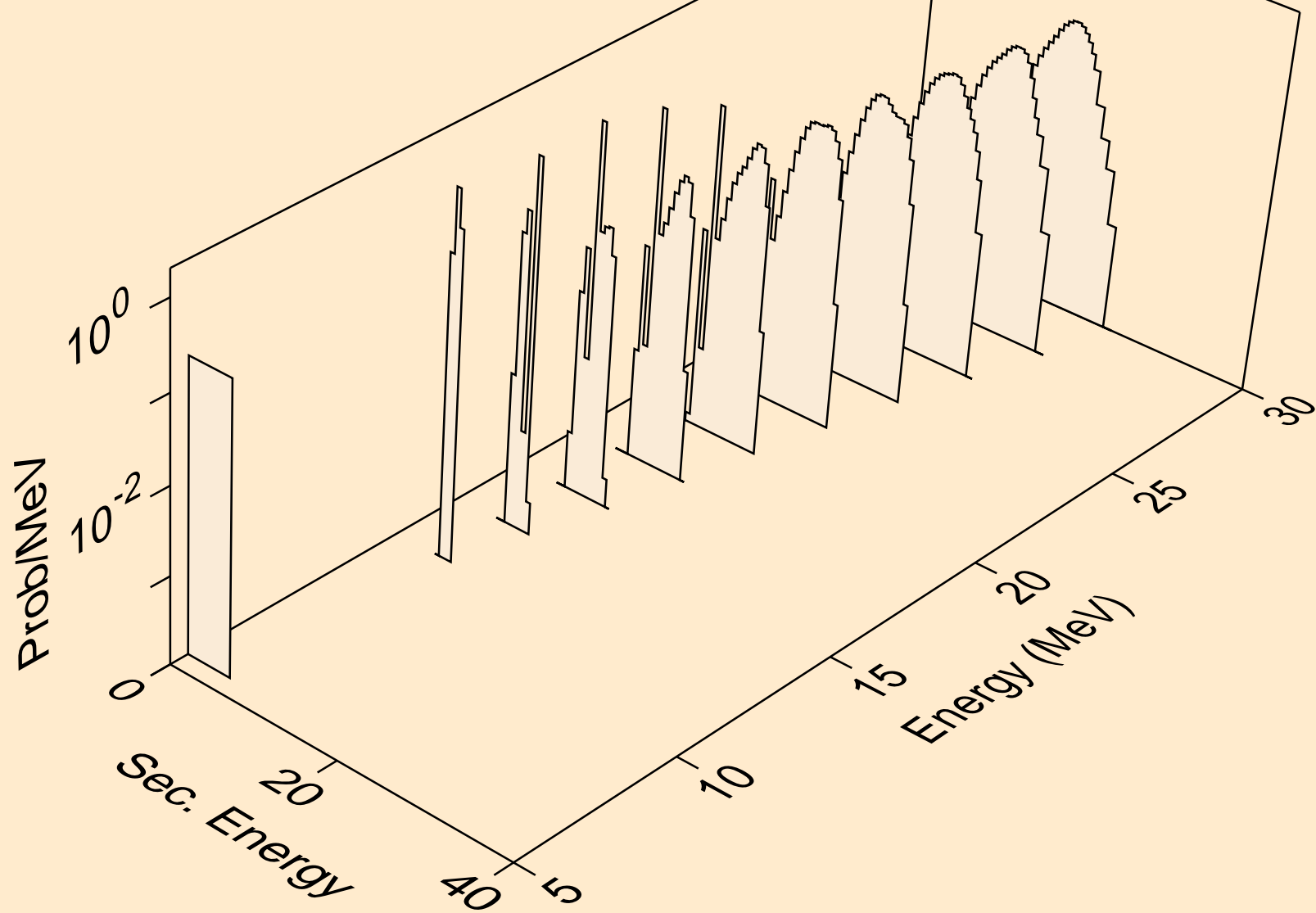
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alphas from (n,x)



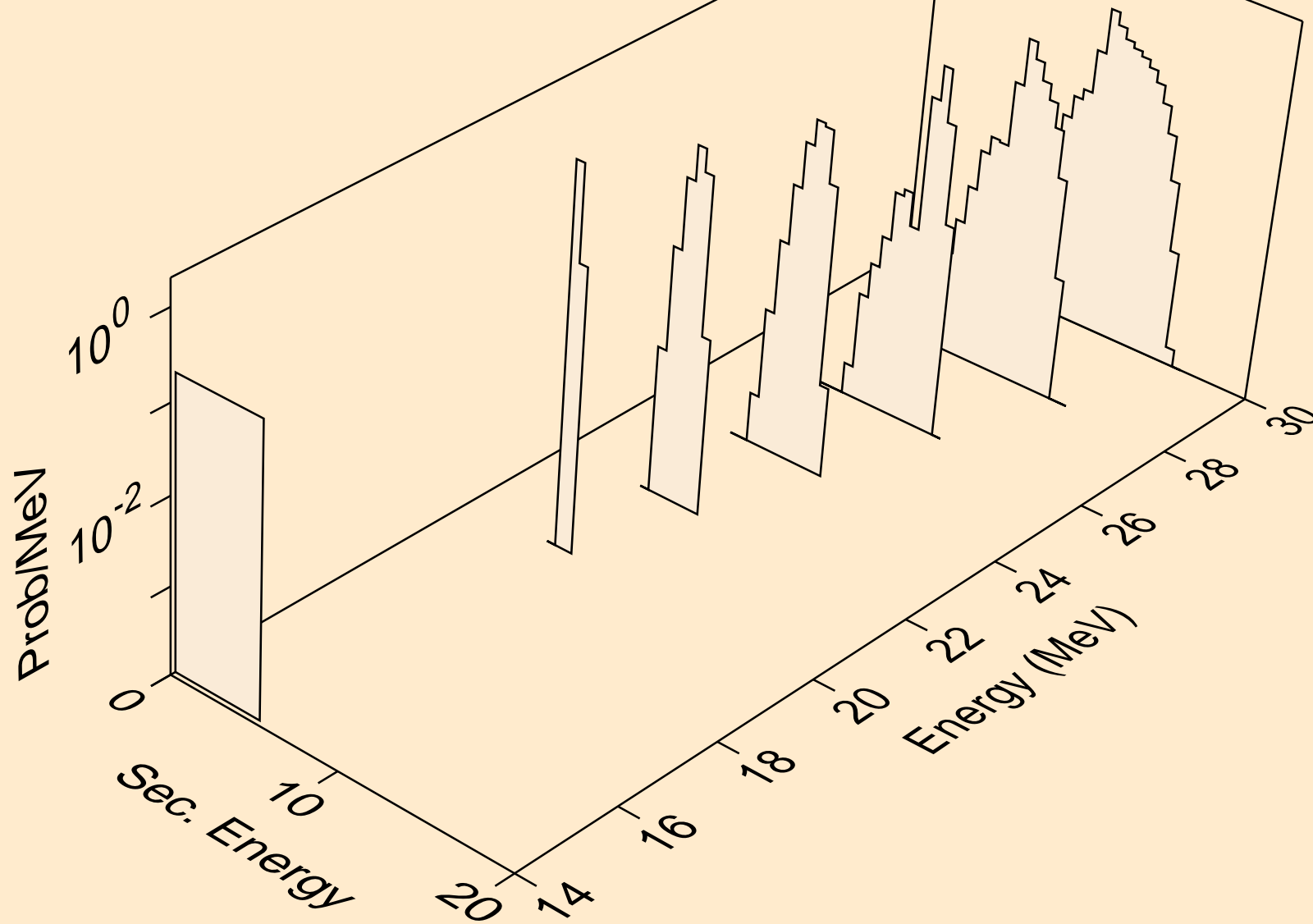
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alphas from (n,n\*)a



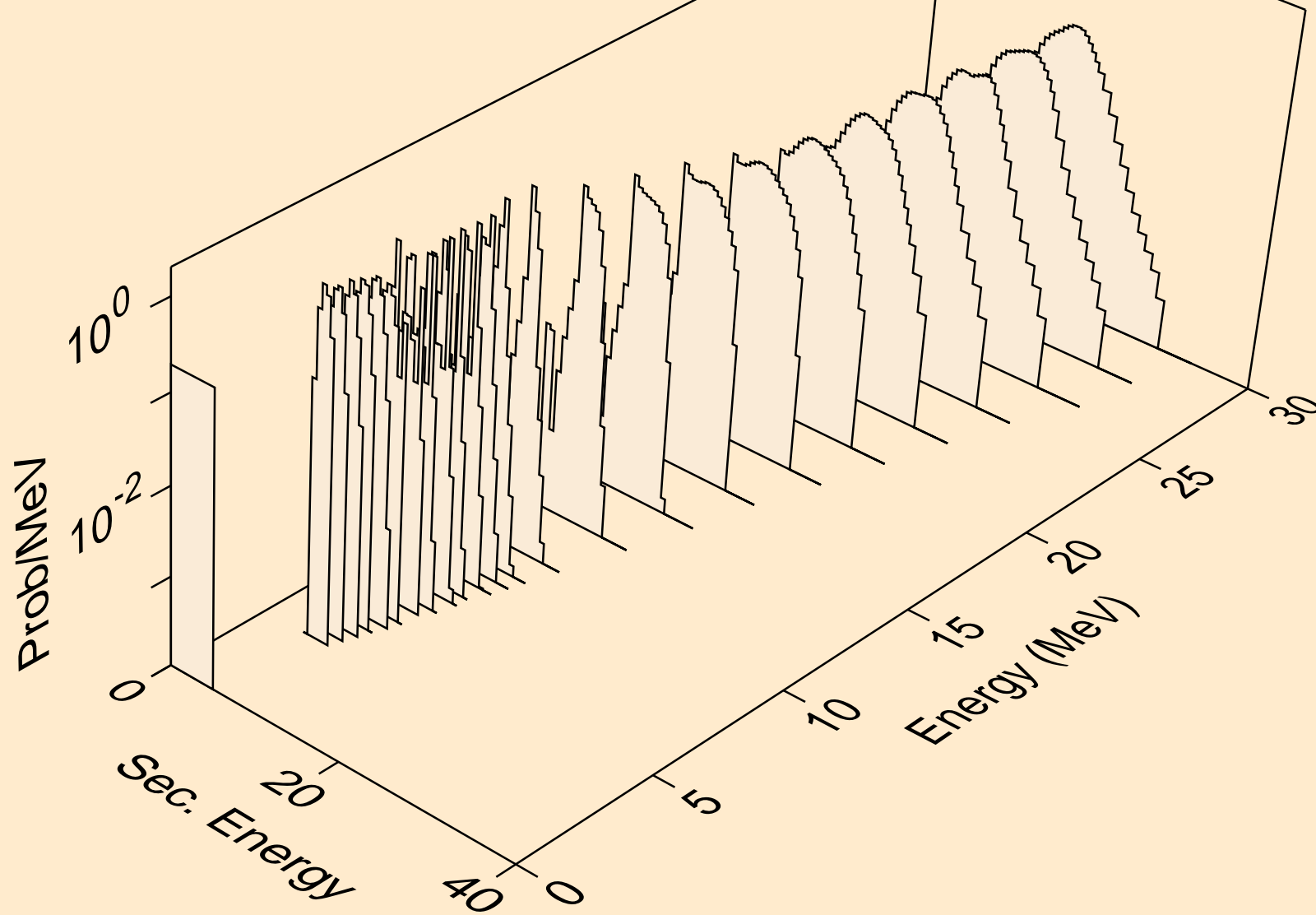
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alphas from (n,2n)a



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

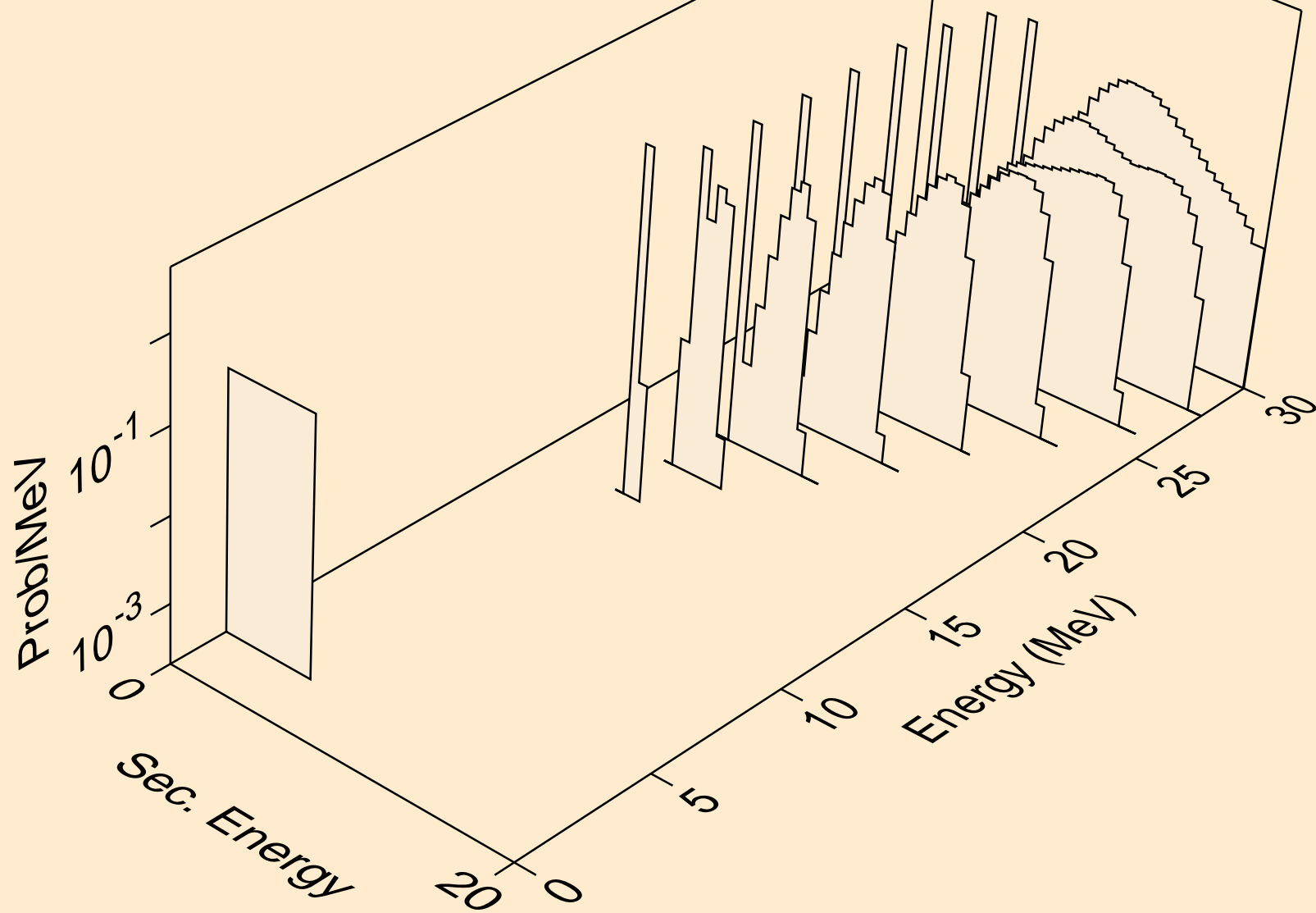


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alphas from (n,n\*)2a

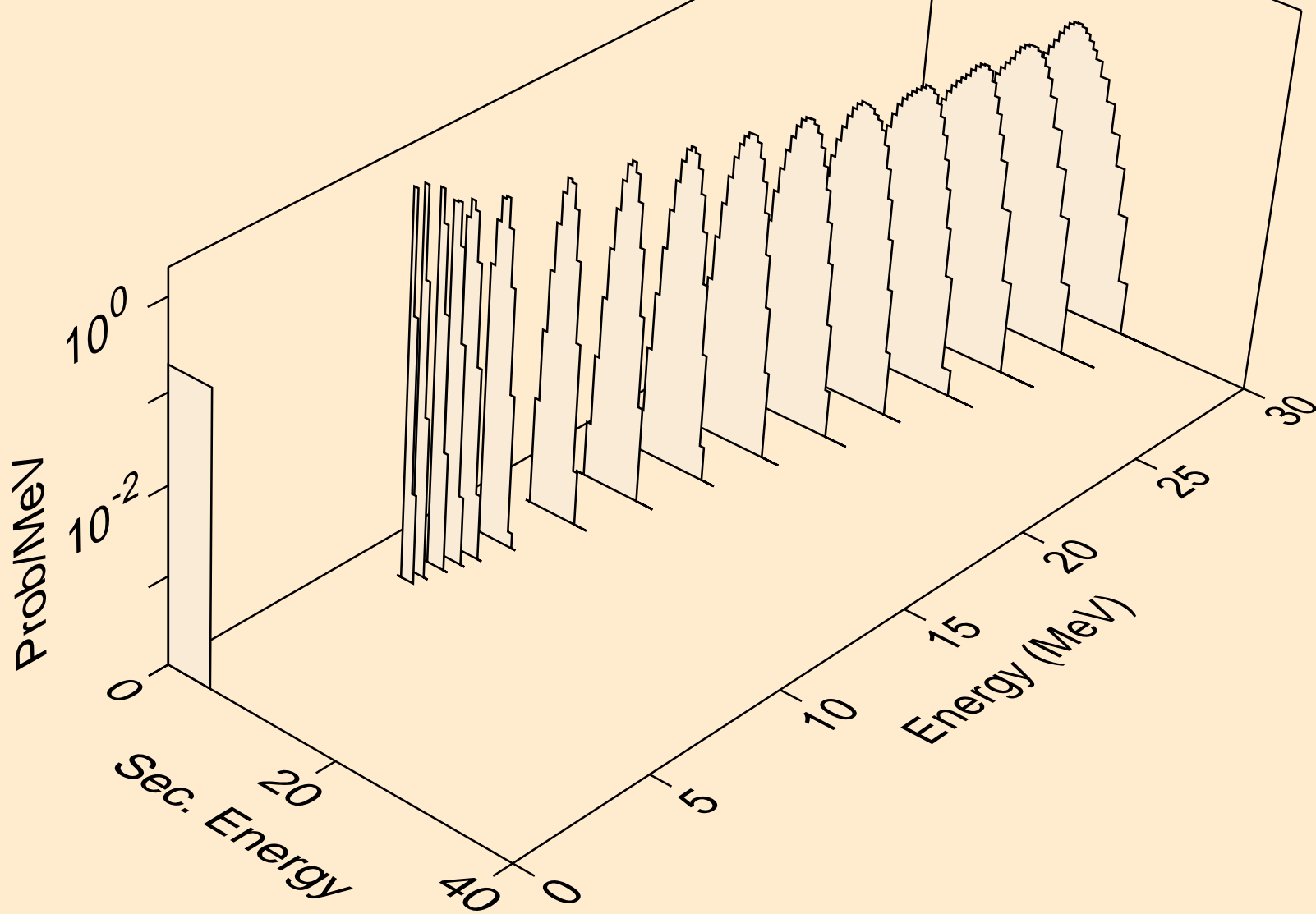




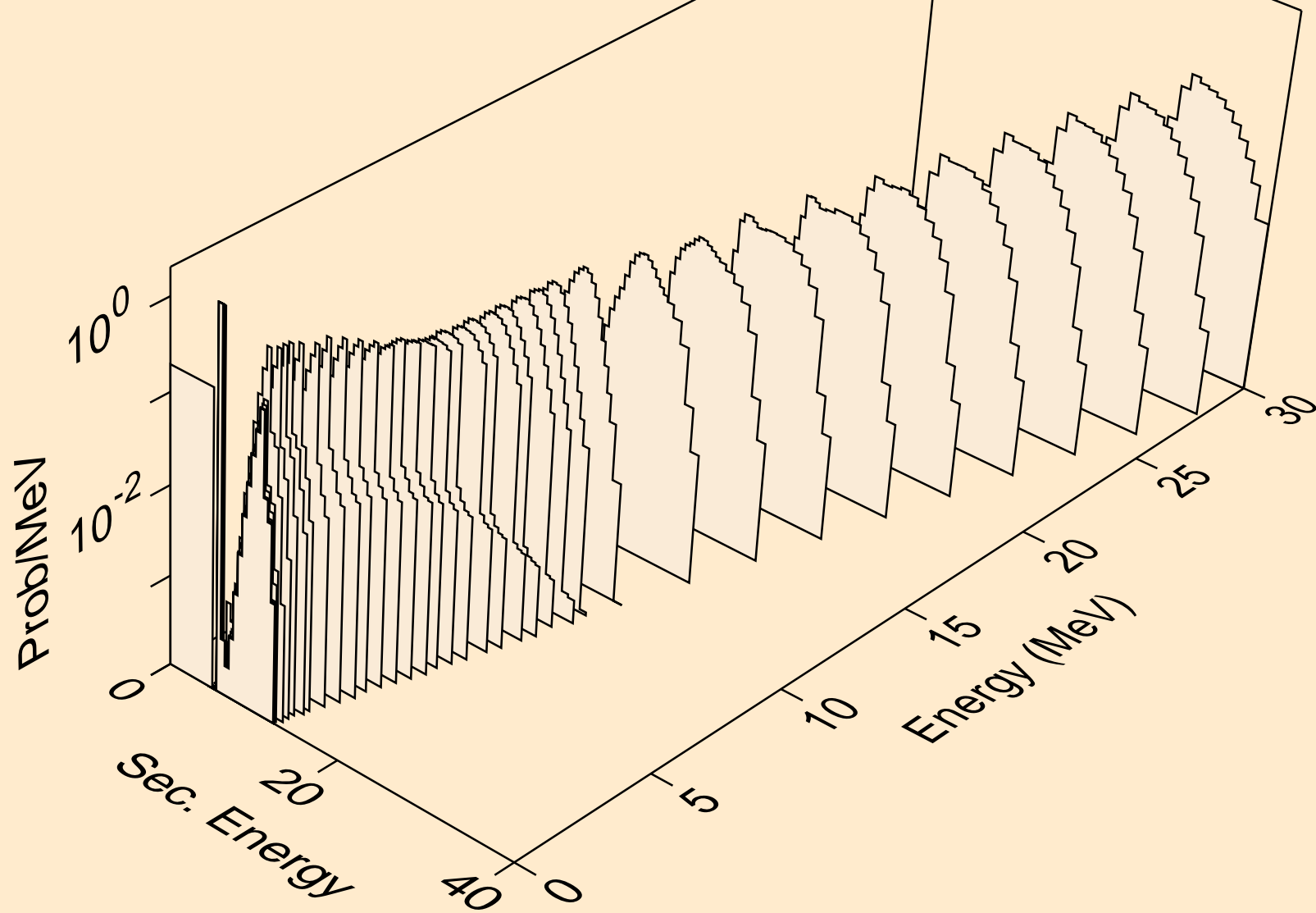
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alphas from (n,2n)2a



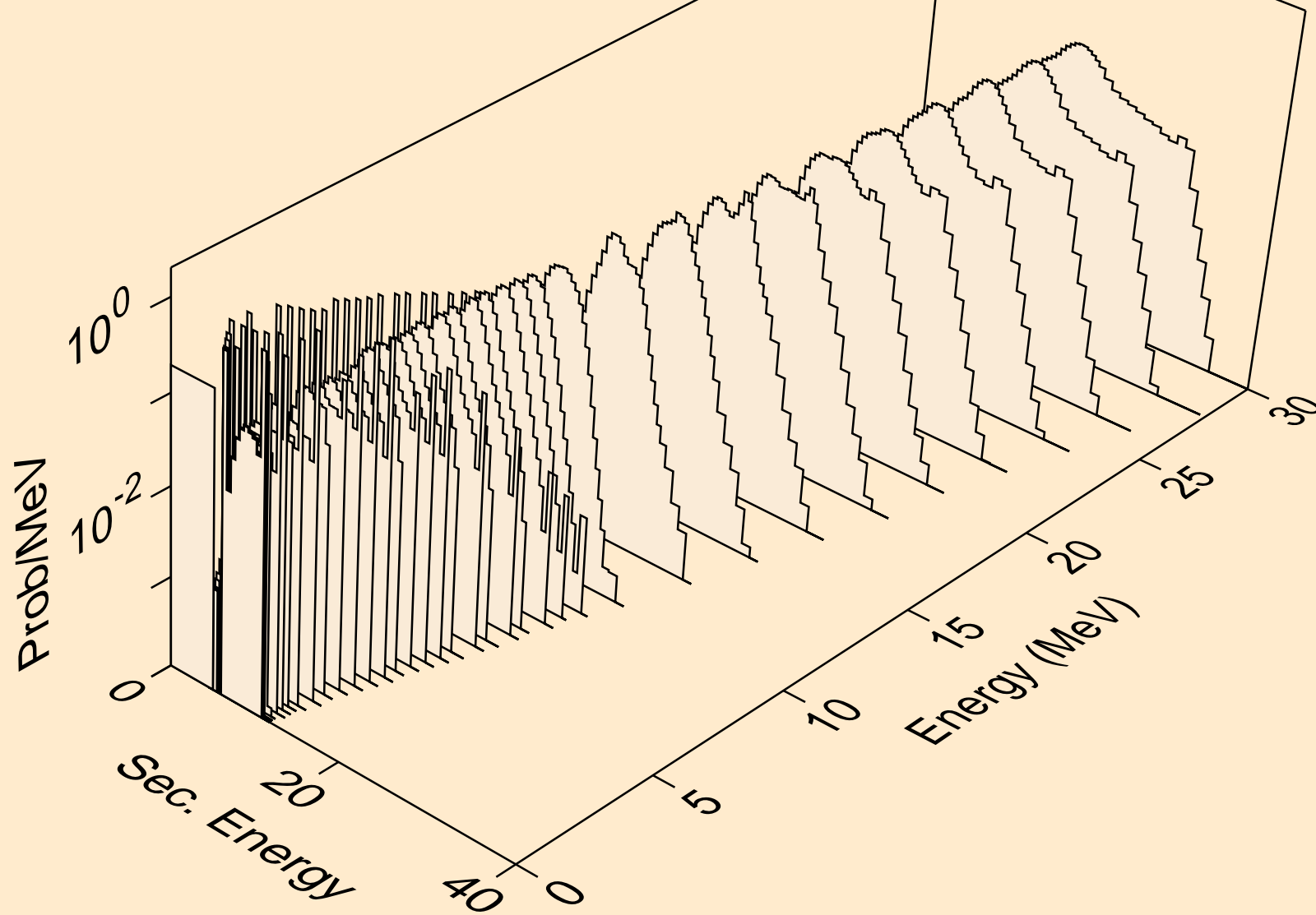
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alphas from (n,npa)



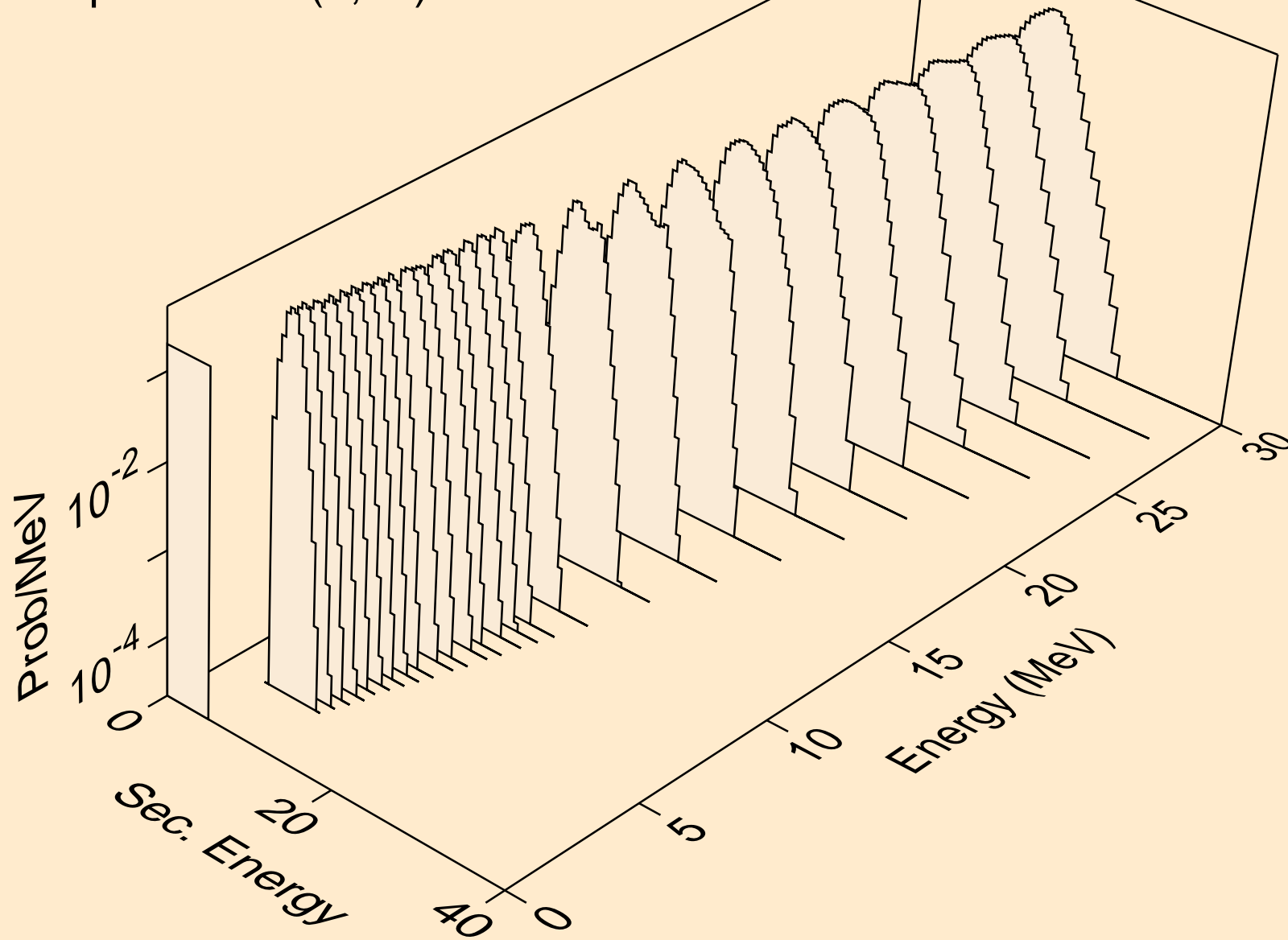
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alphas from (n,a)



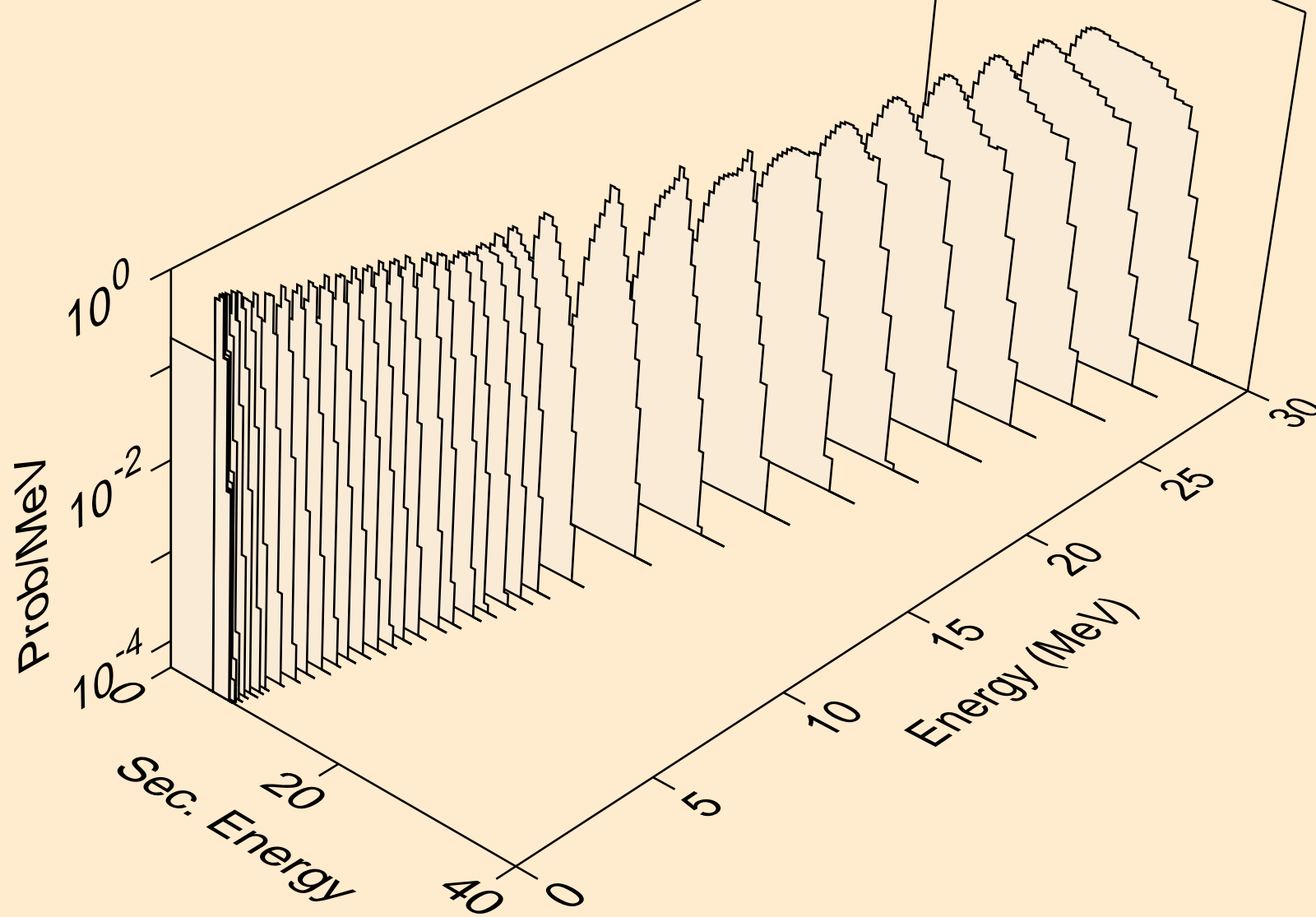
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alphas from (n,2a)



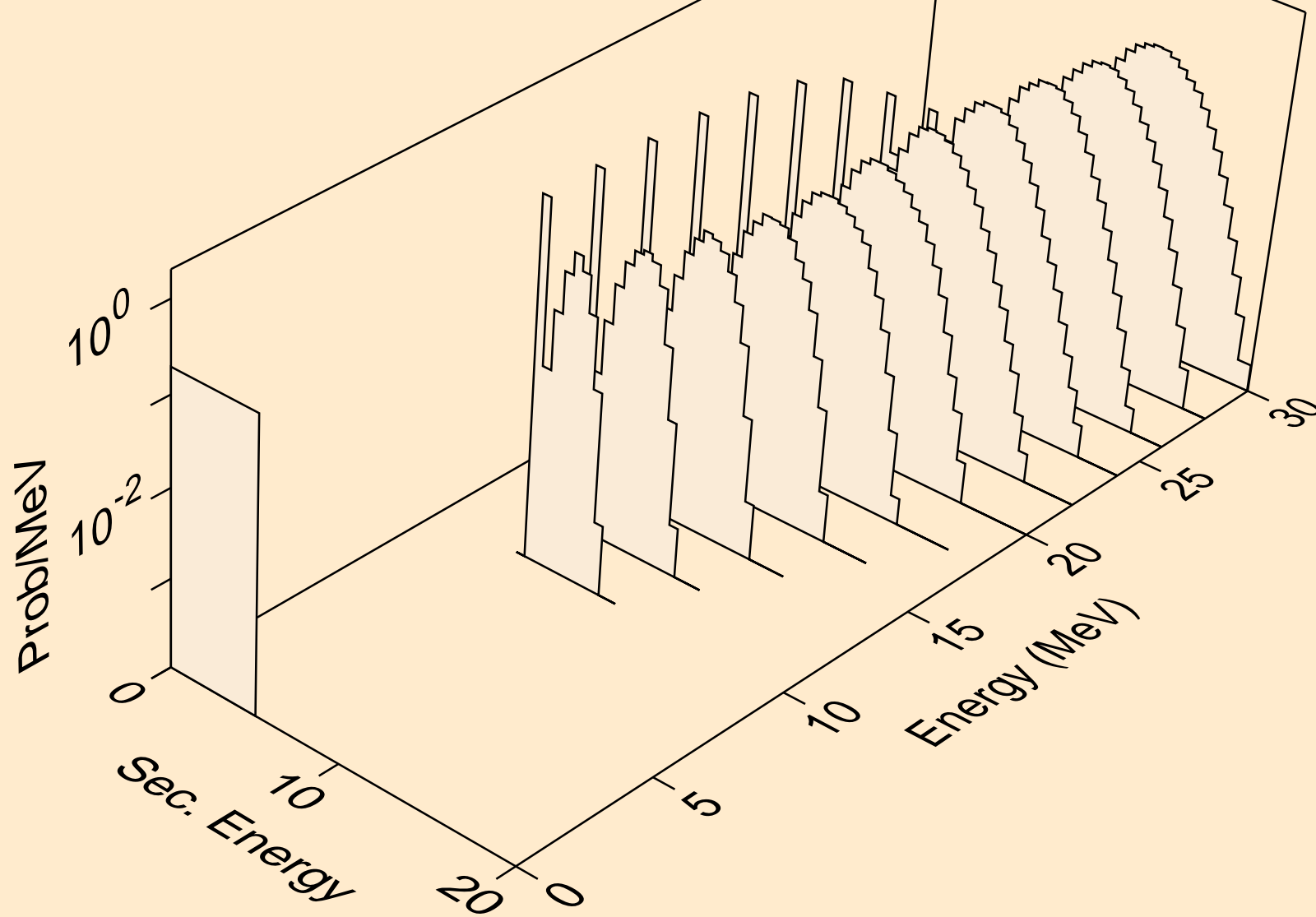
YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



YB156 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

