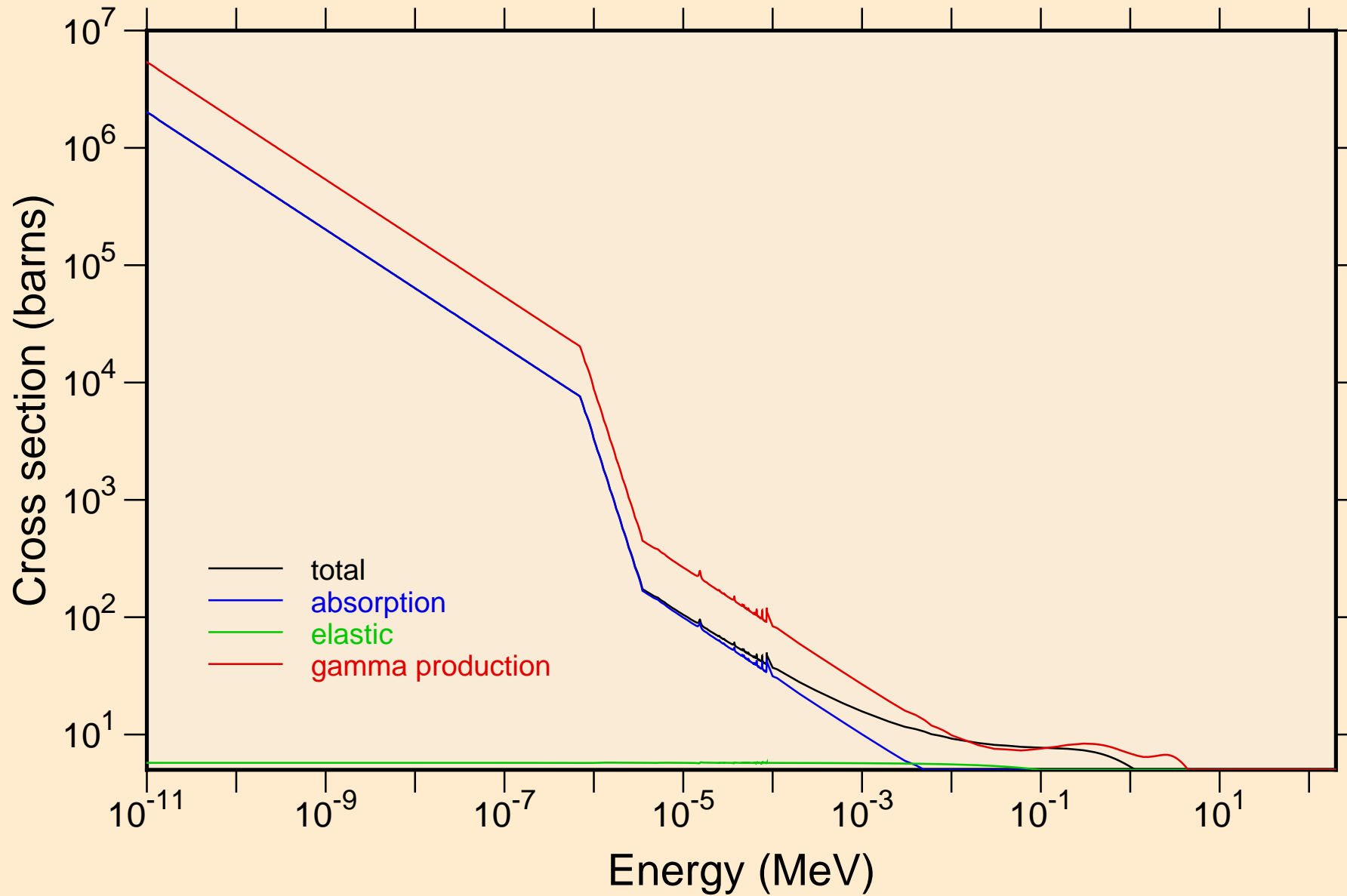
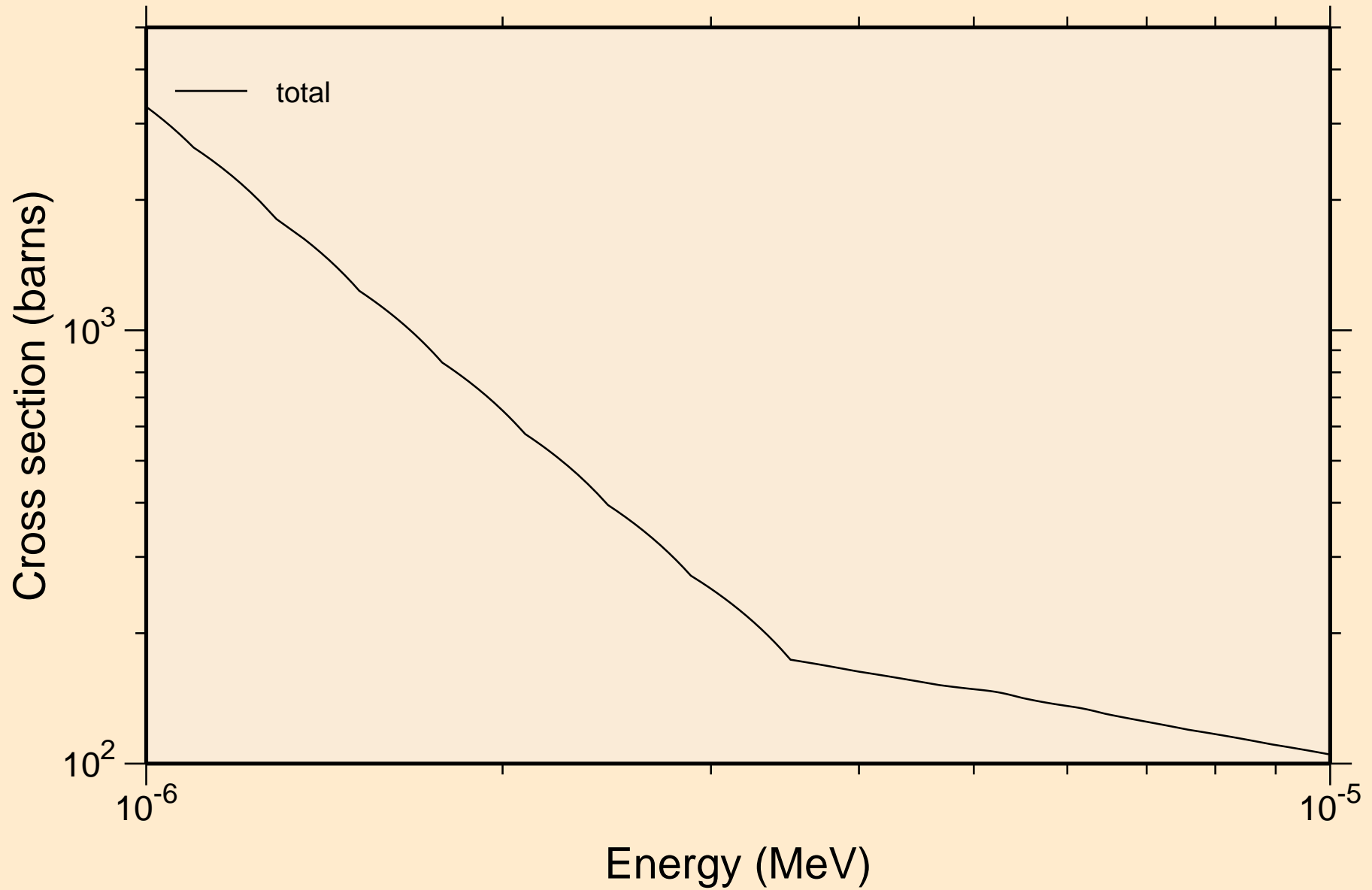


# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

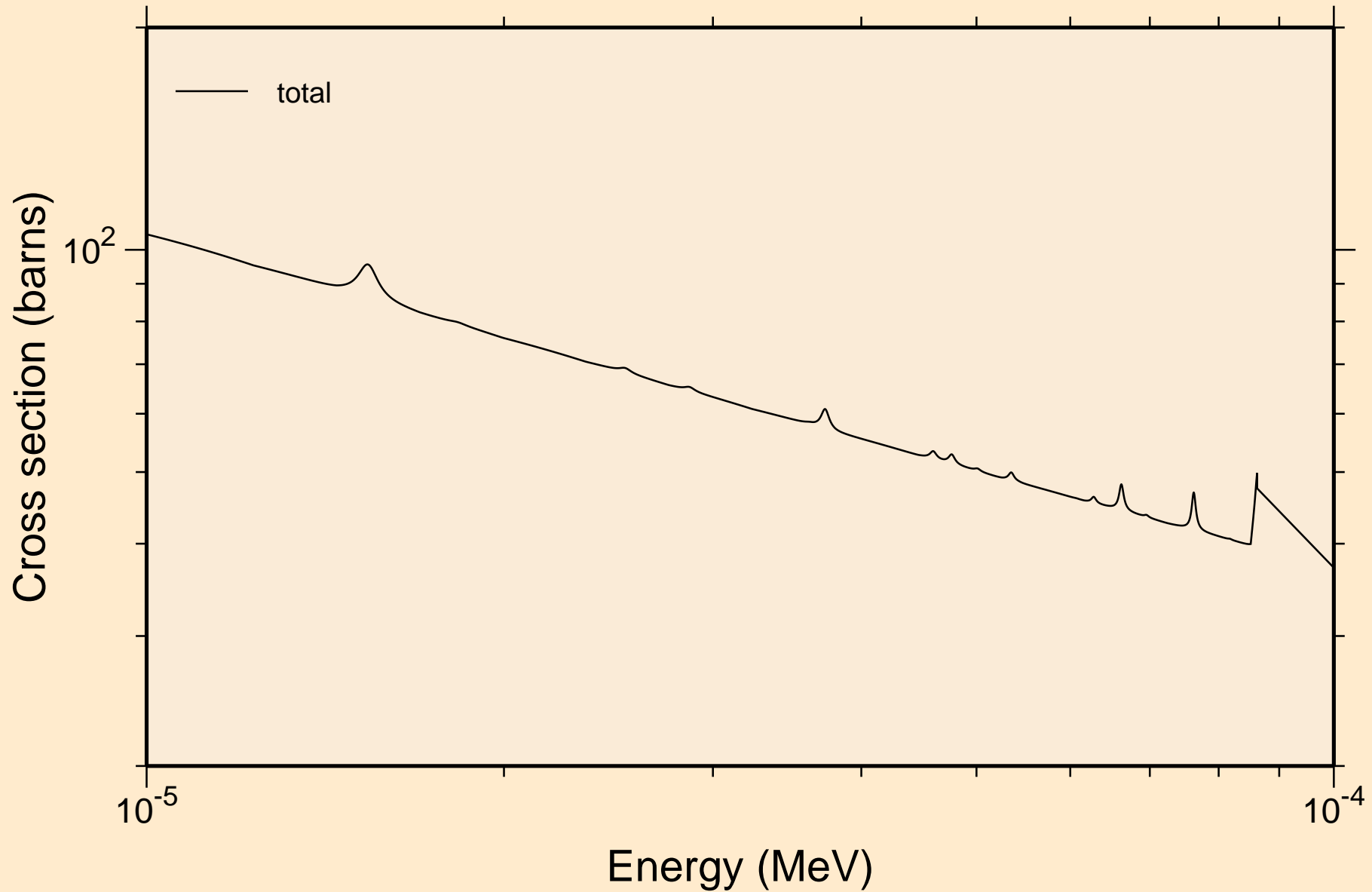
## Principal cross sections



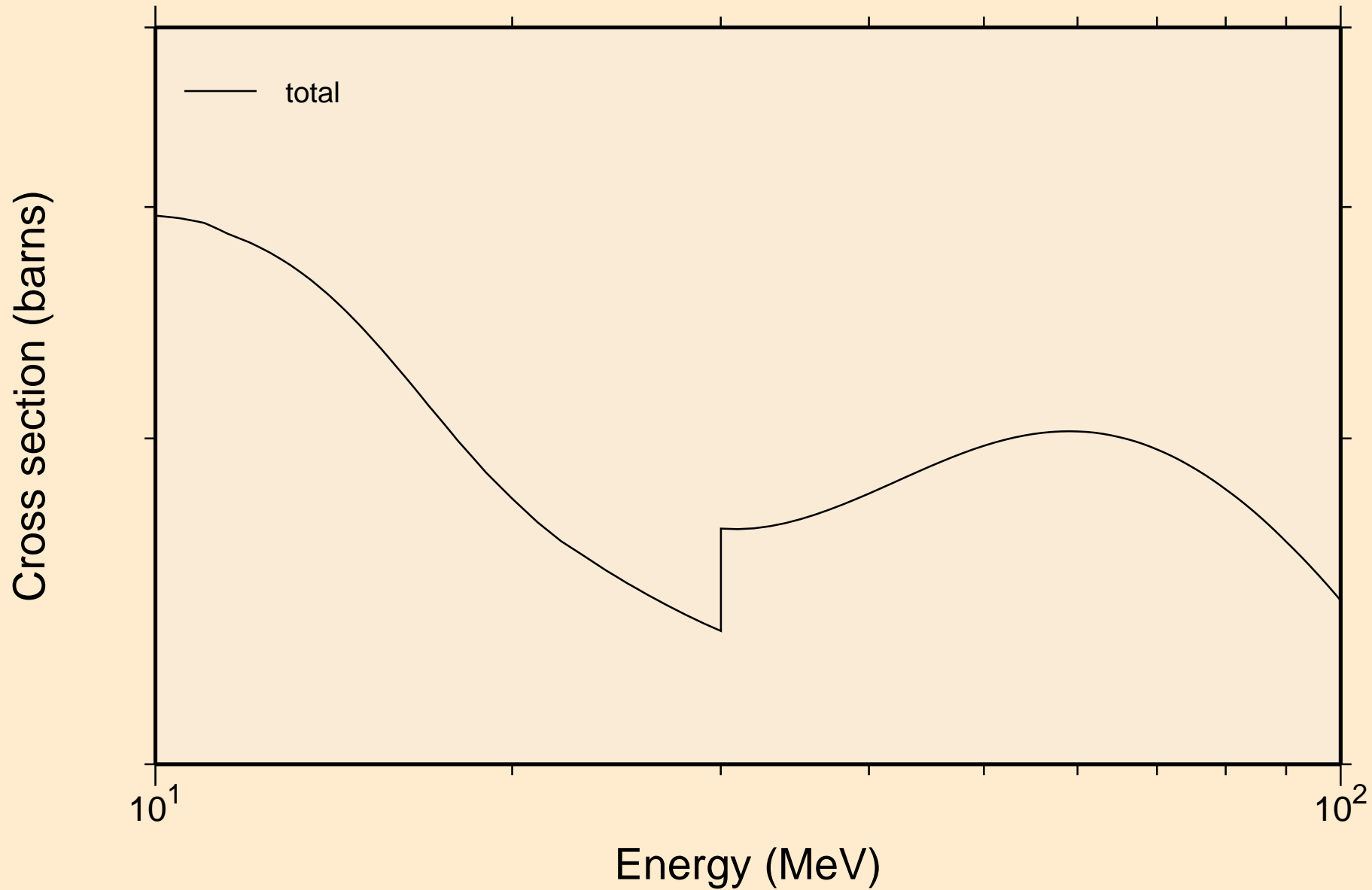
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



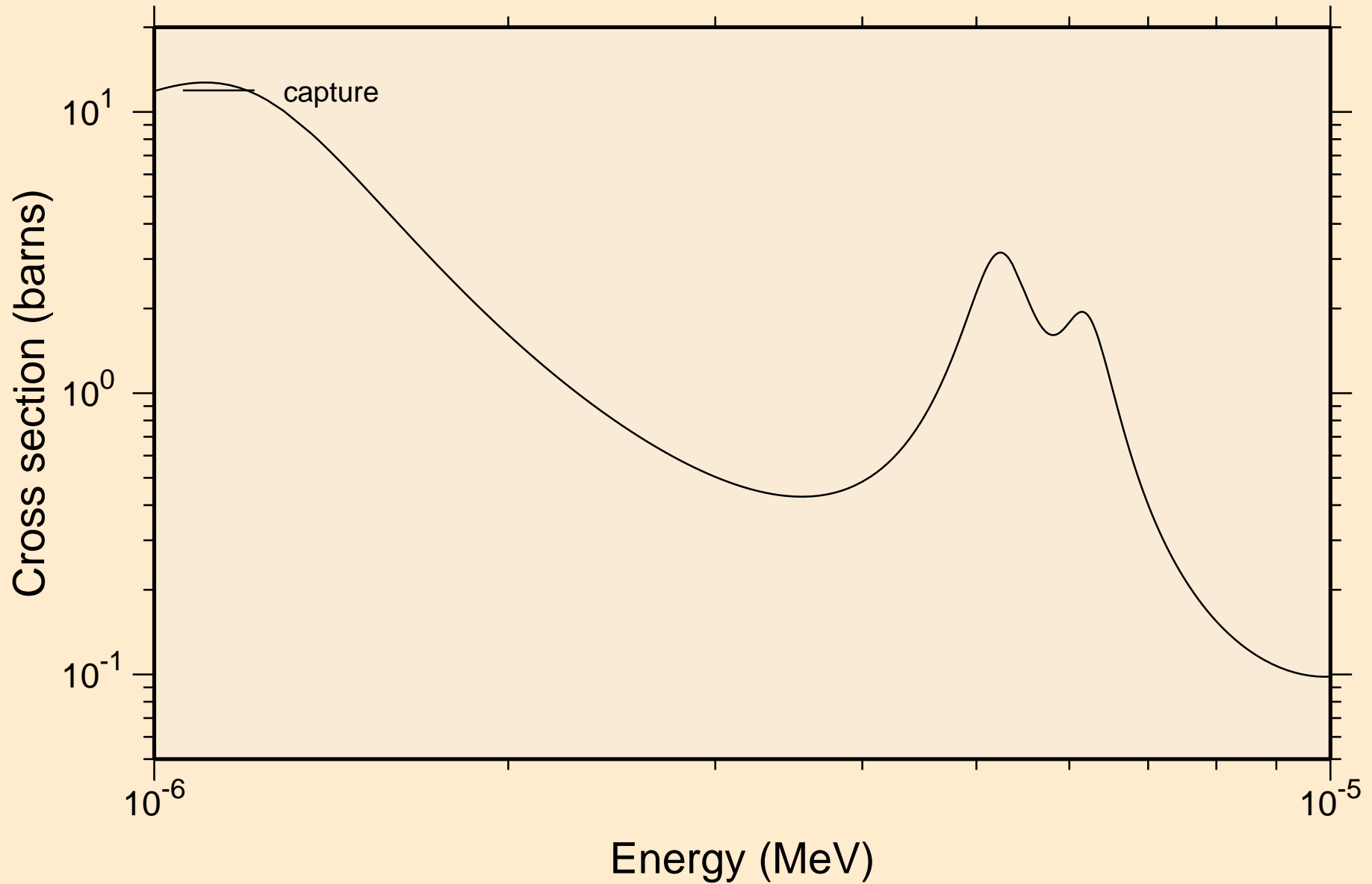
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resonance total cross section



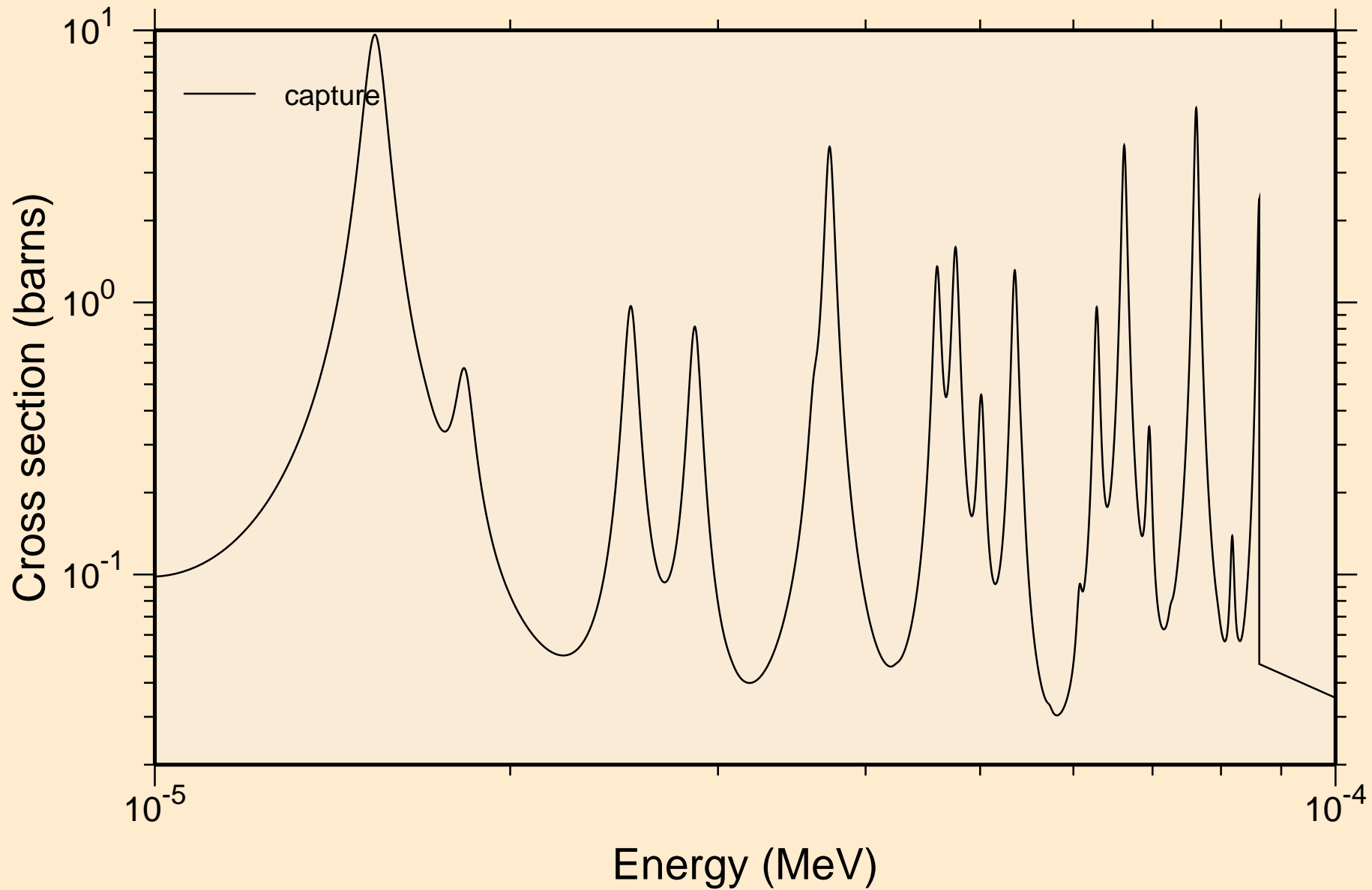
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resonance total cross section



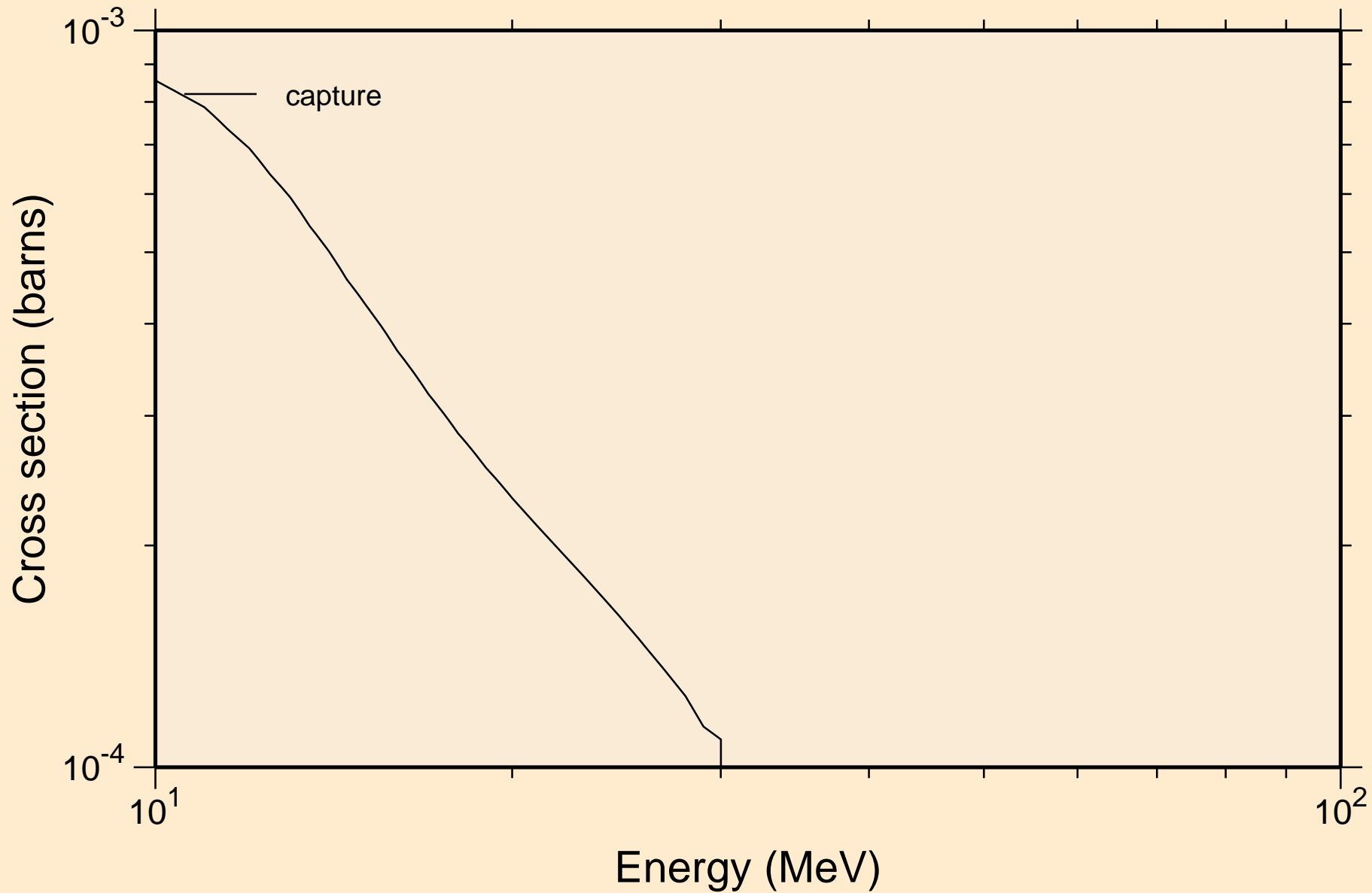
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

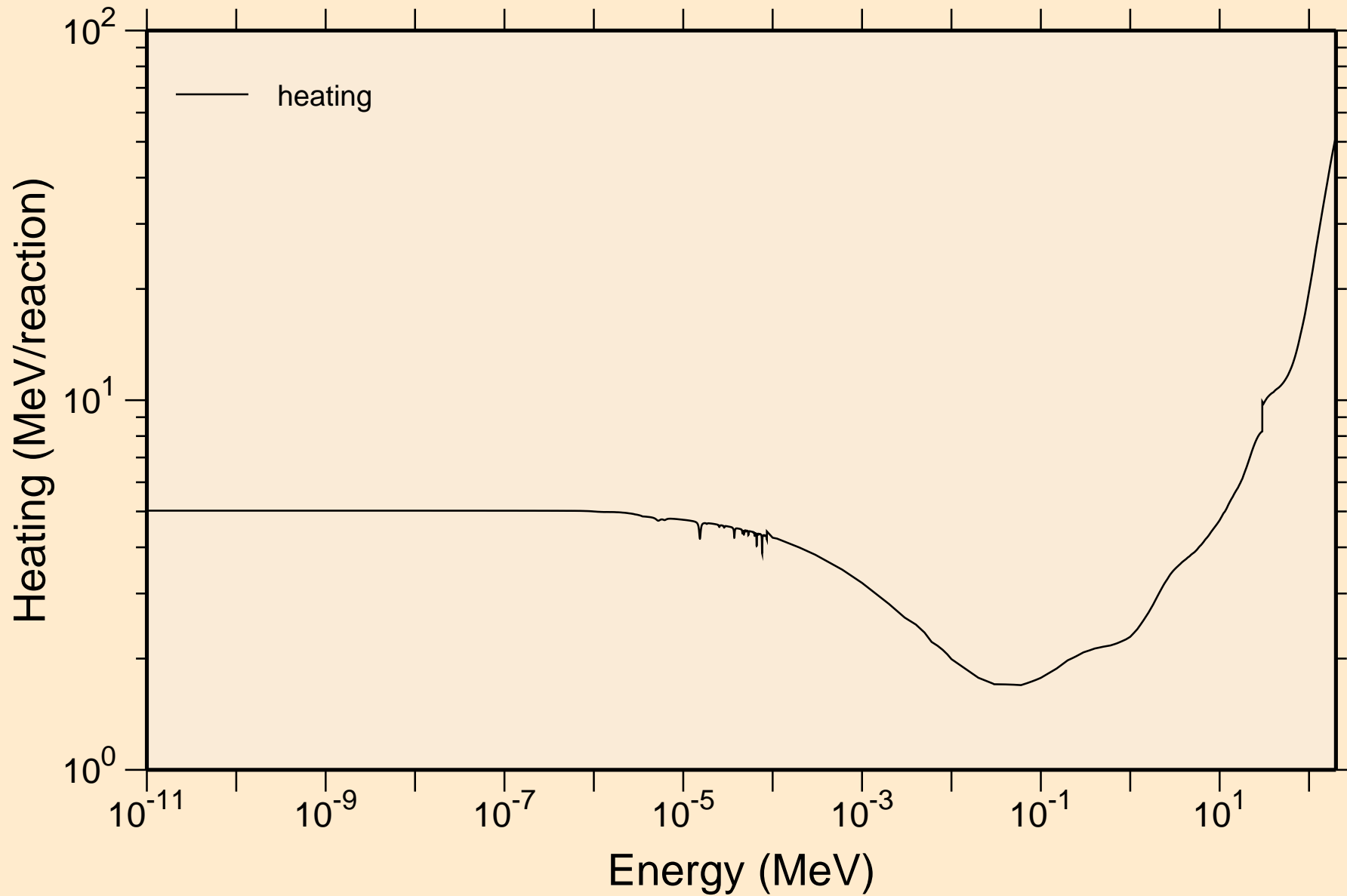


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

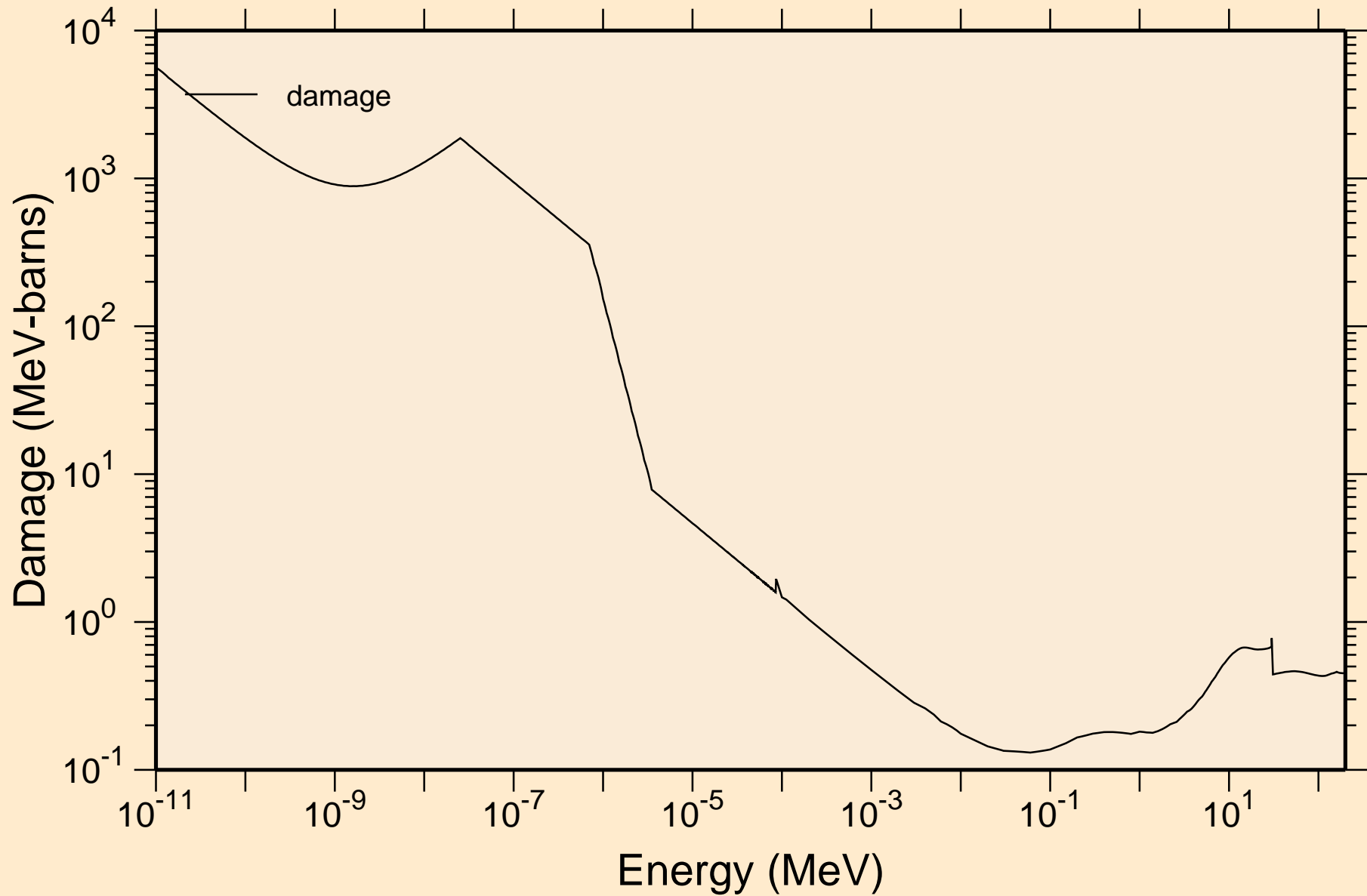
## Heating



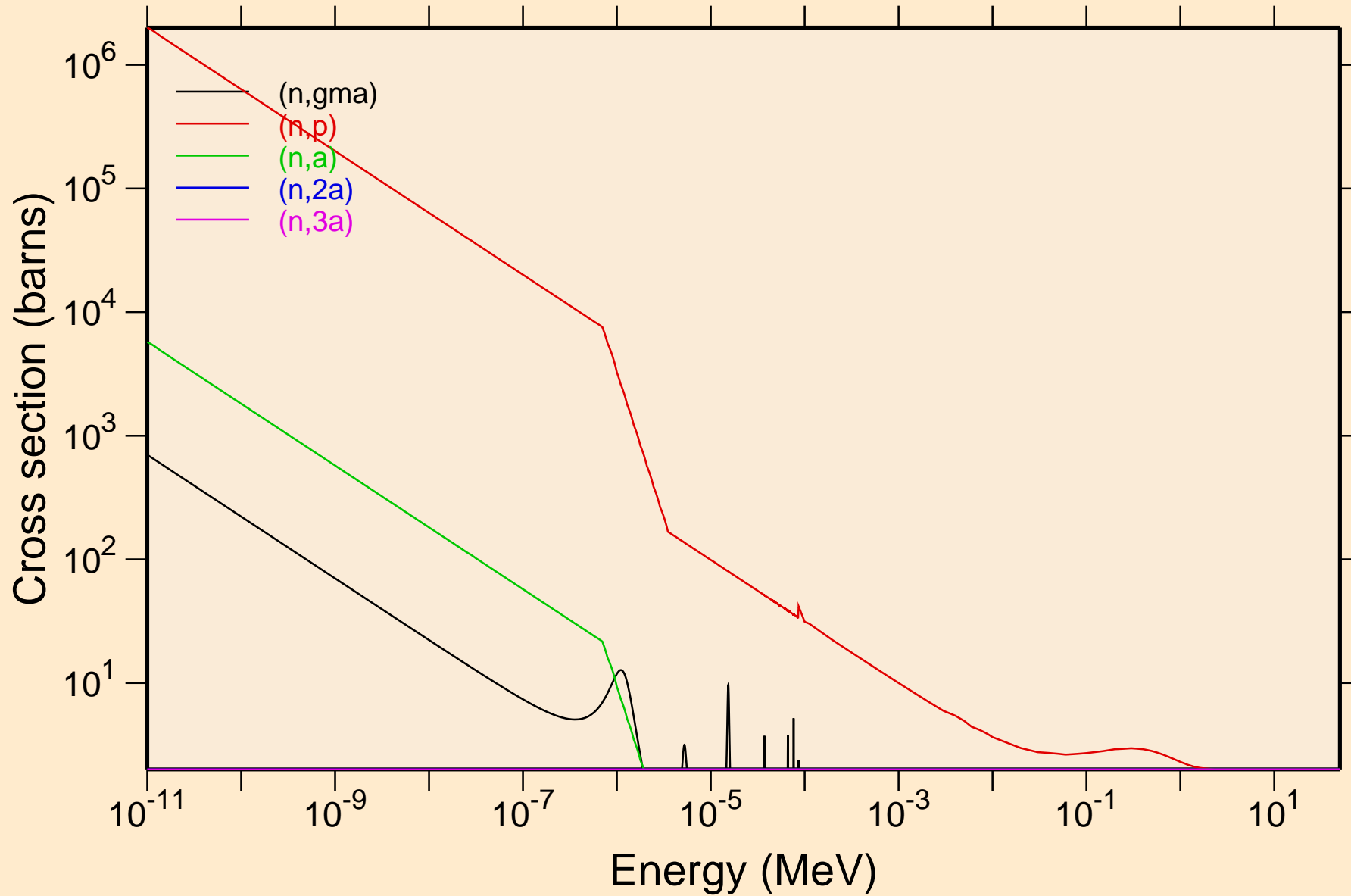


# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

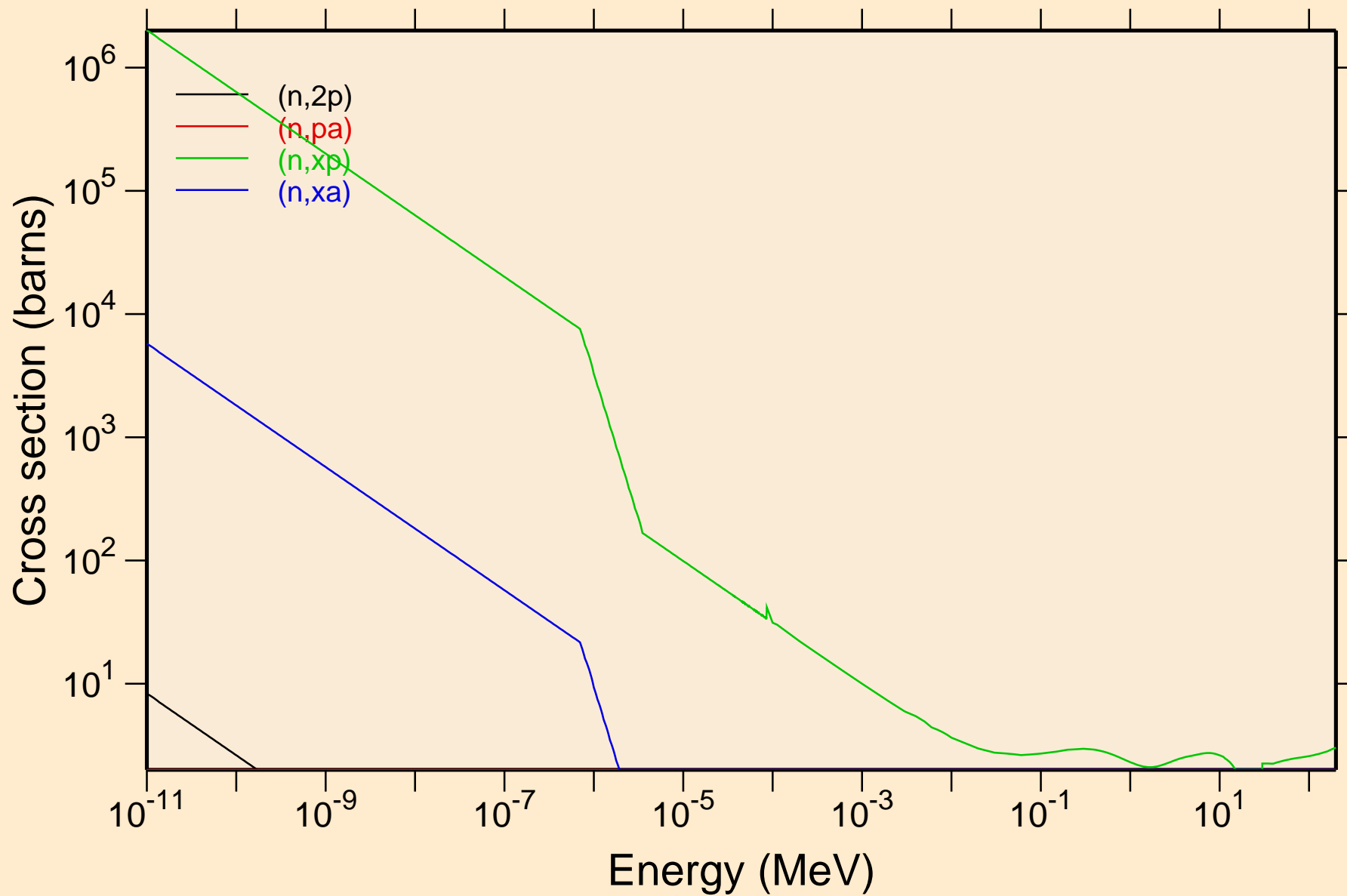


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



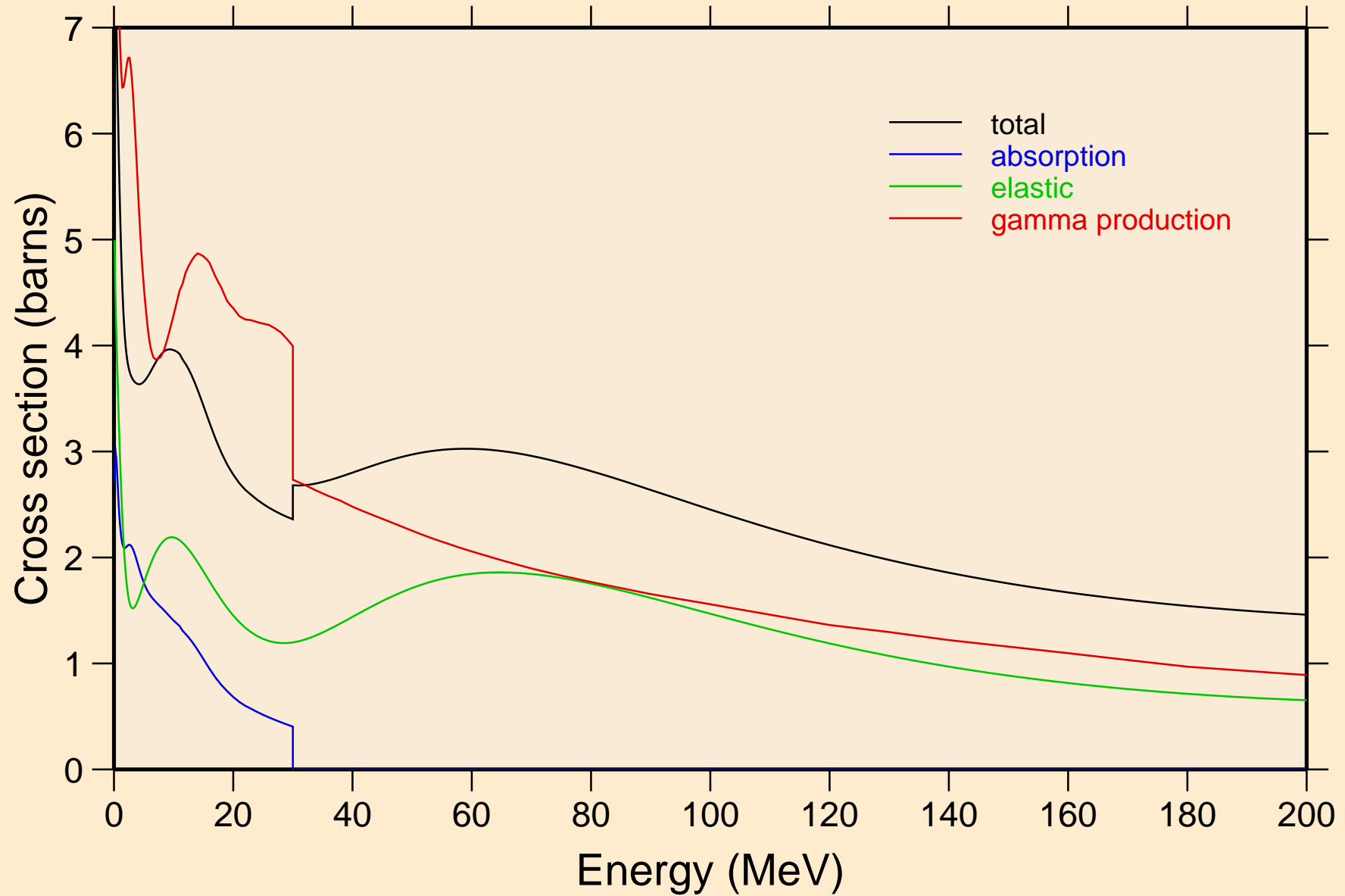
# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



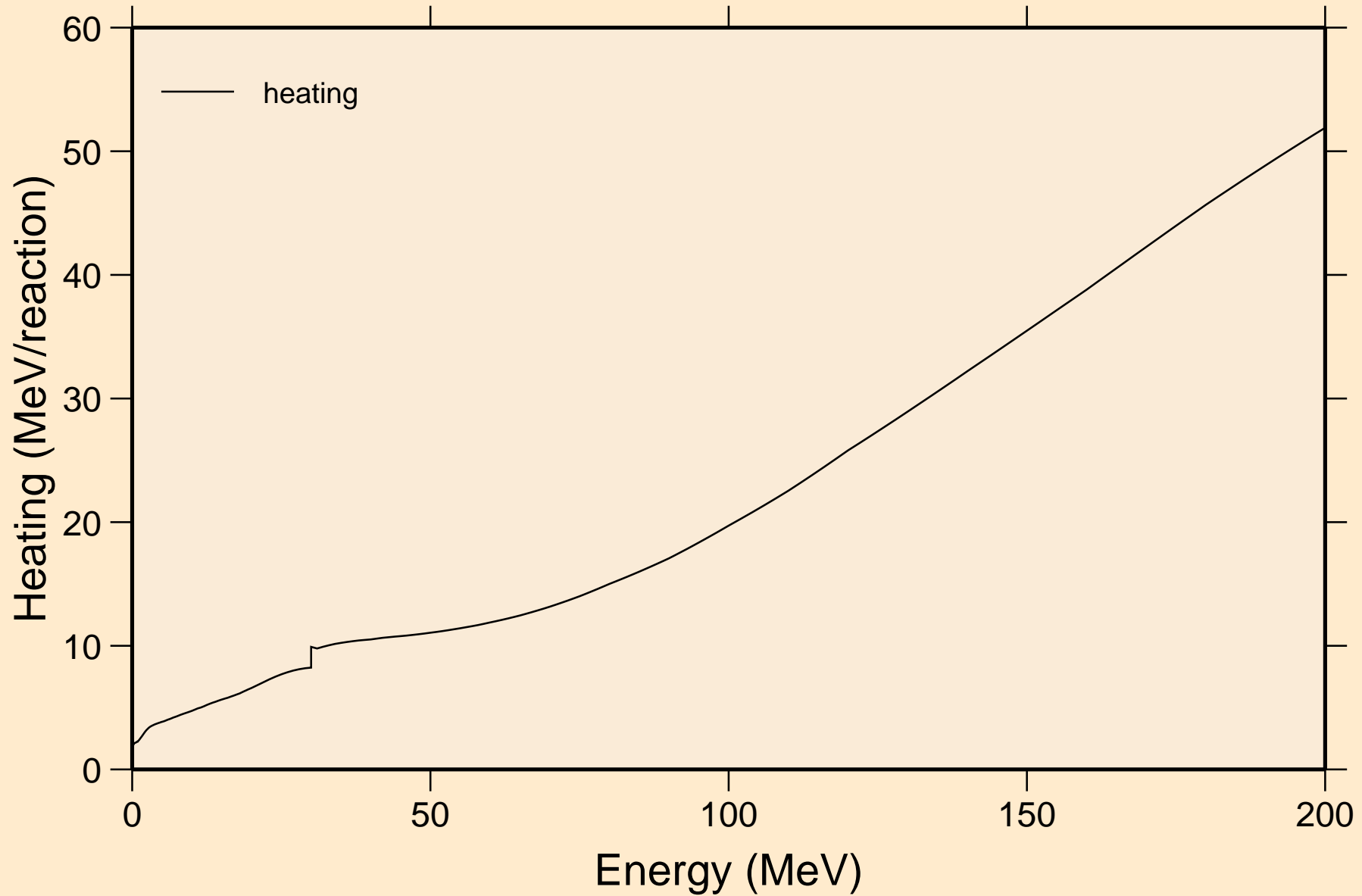
# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



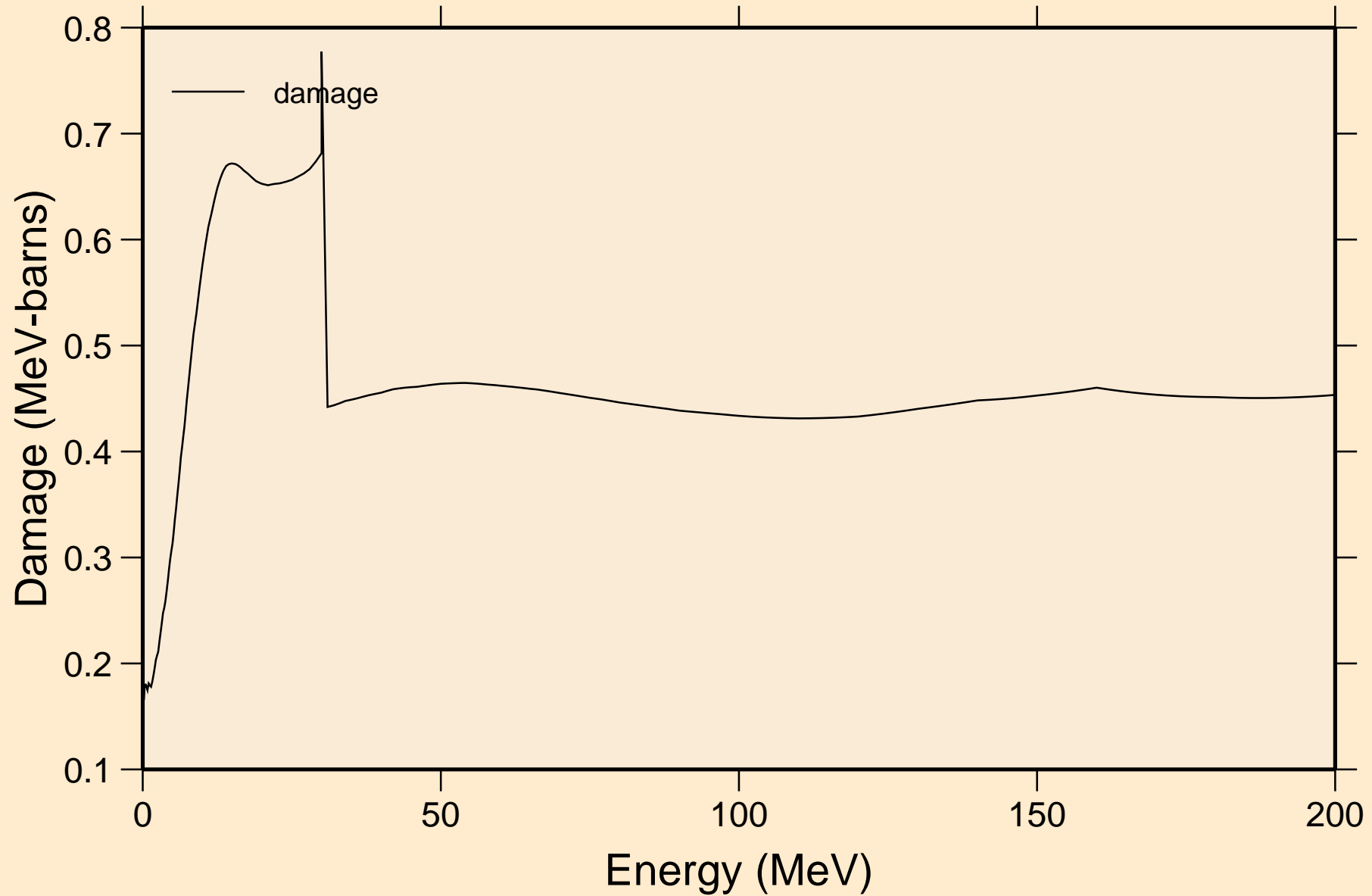
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

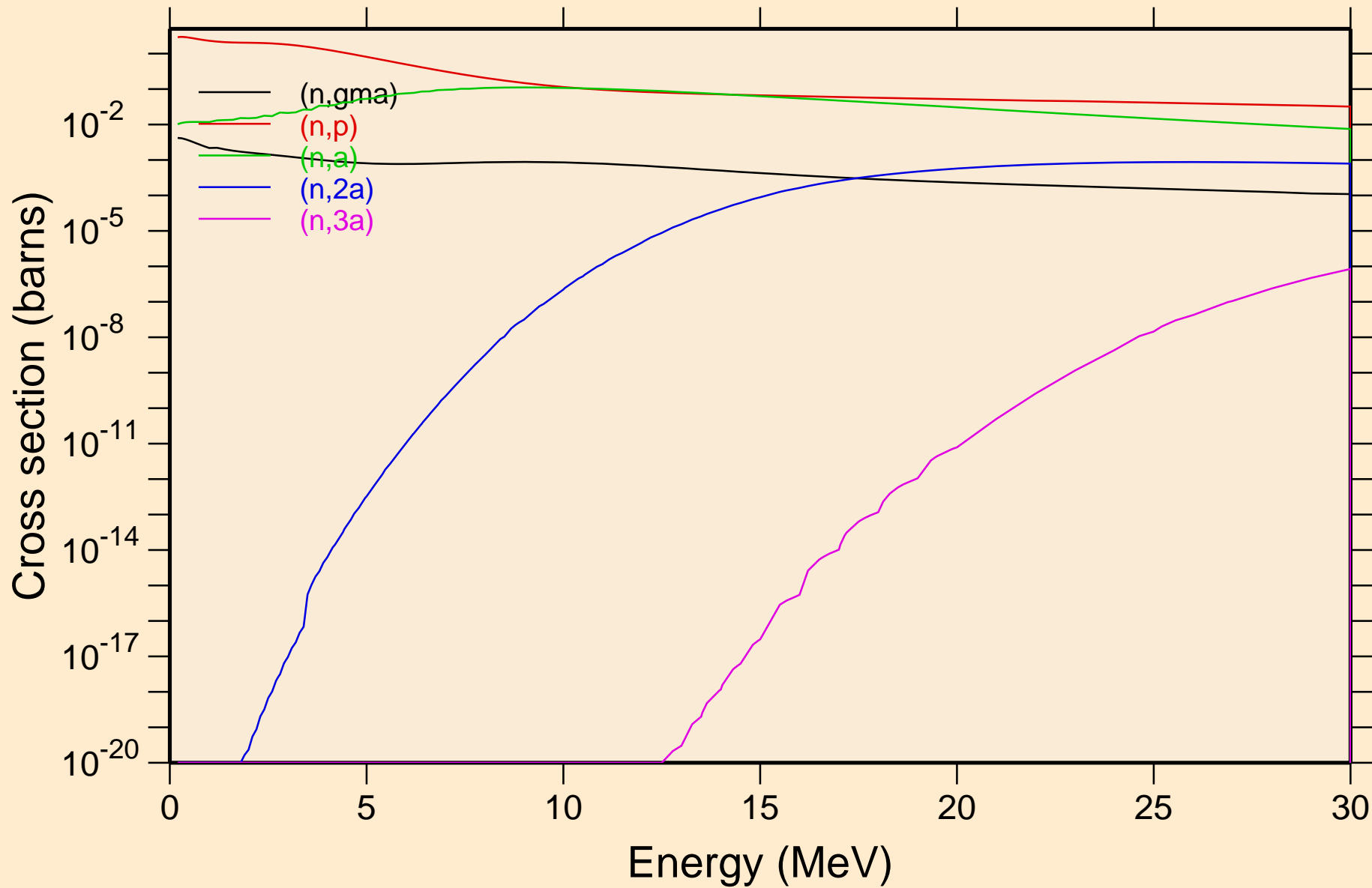


# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

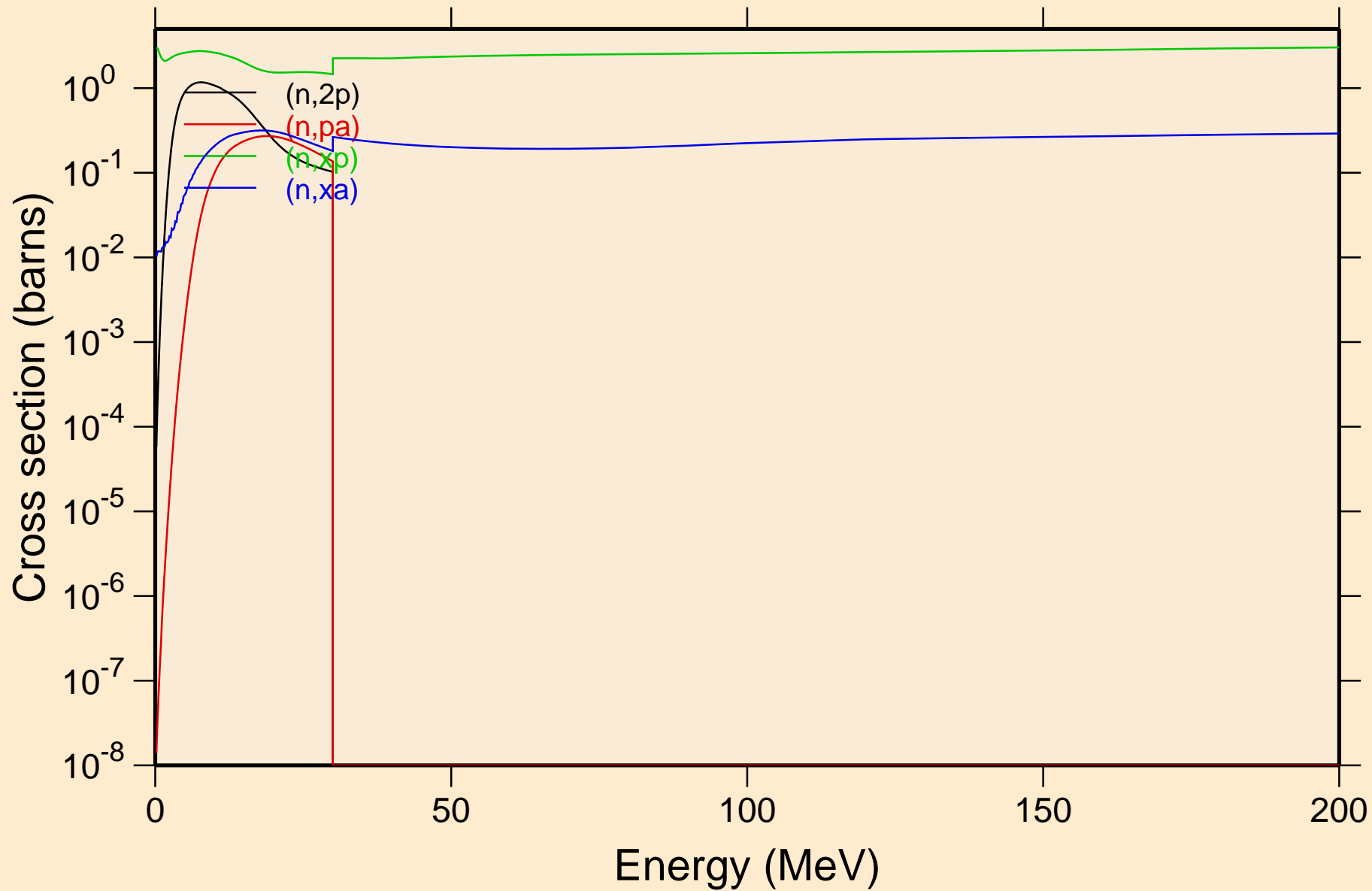
## Damage



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

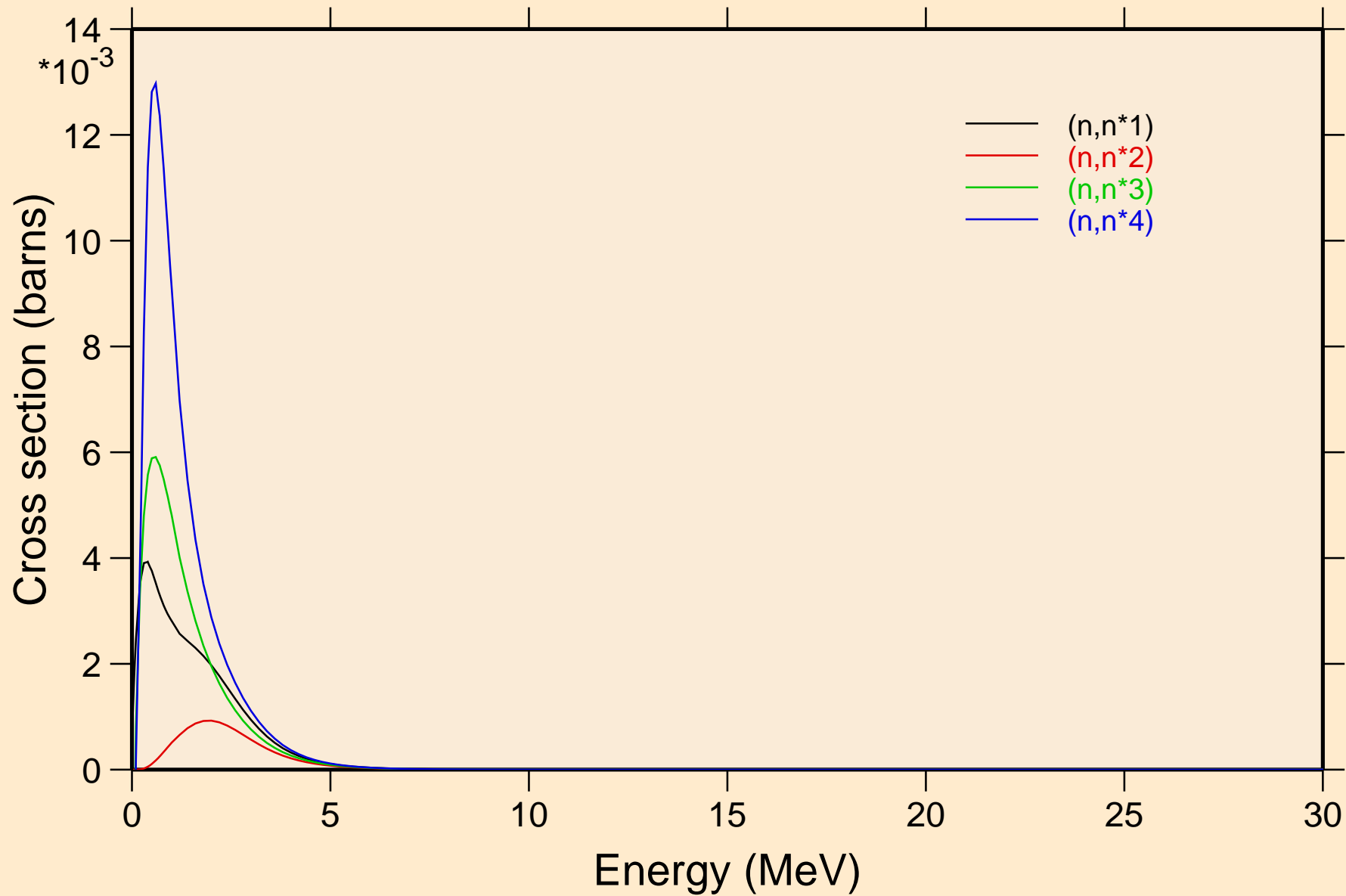


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Non-threshold reactions



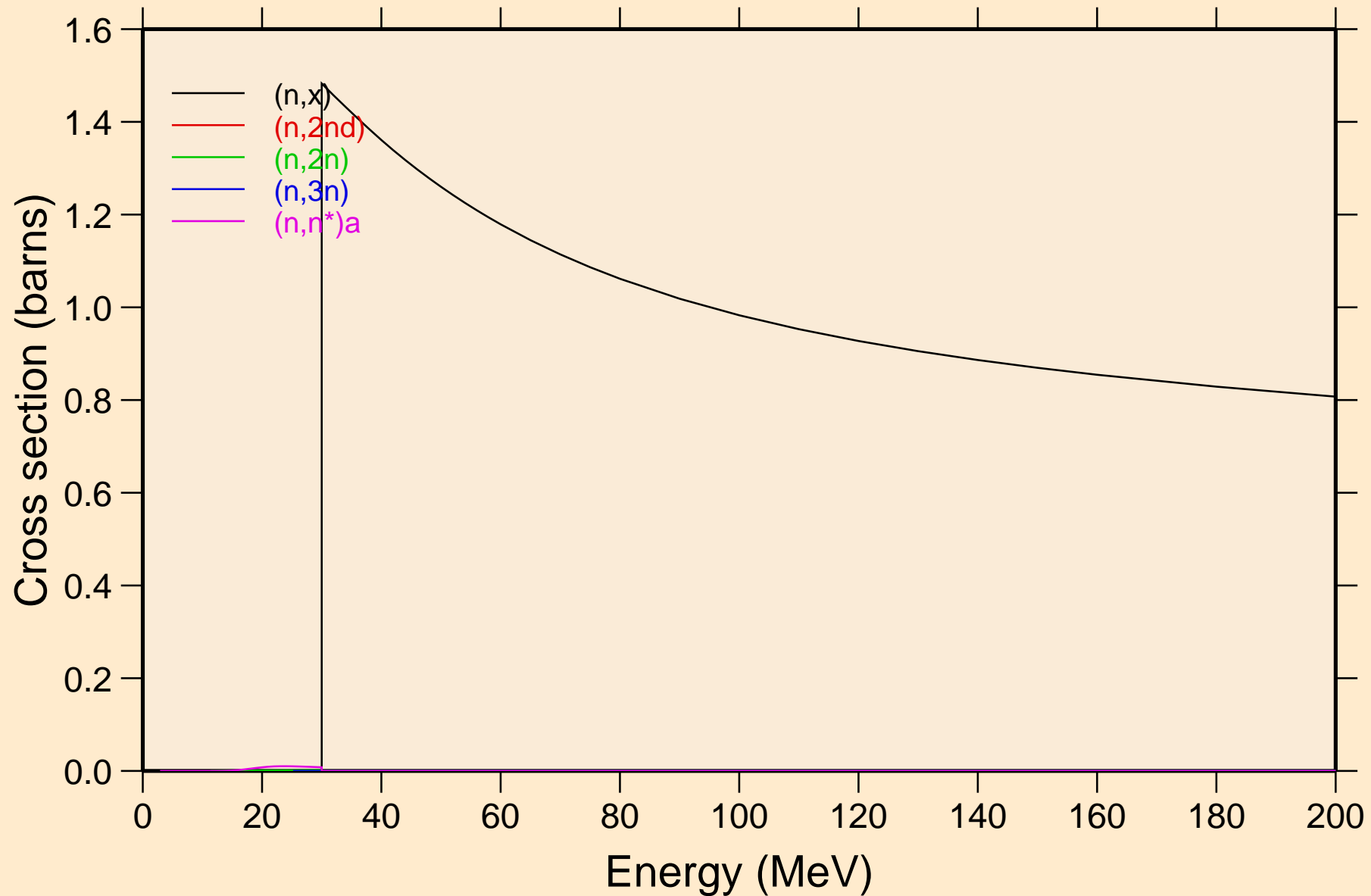


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

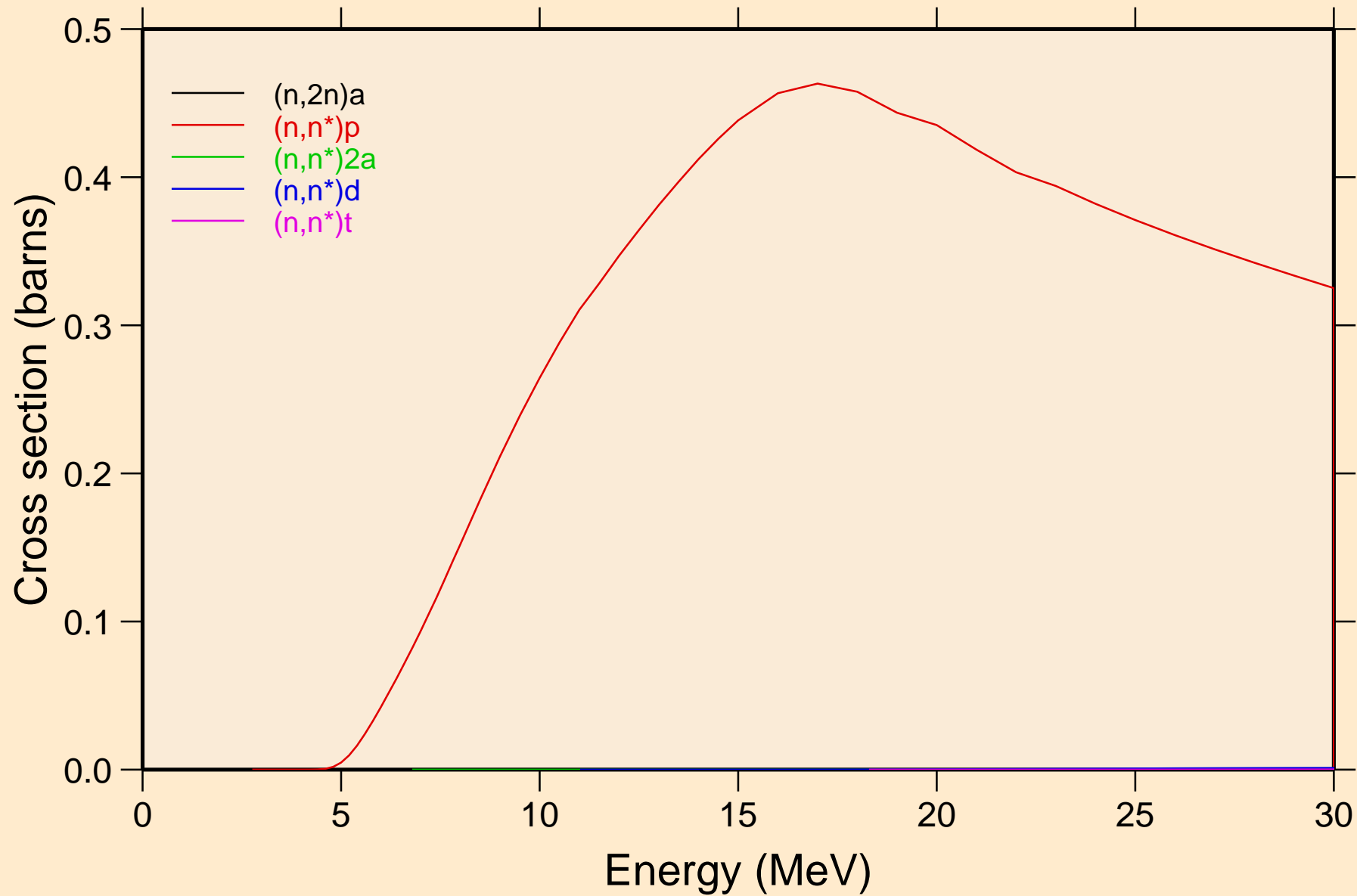


# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

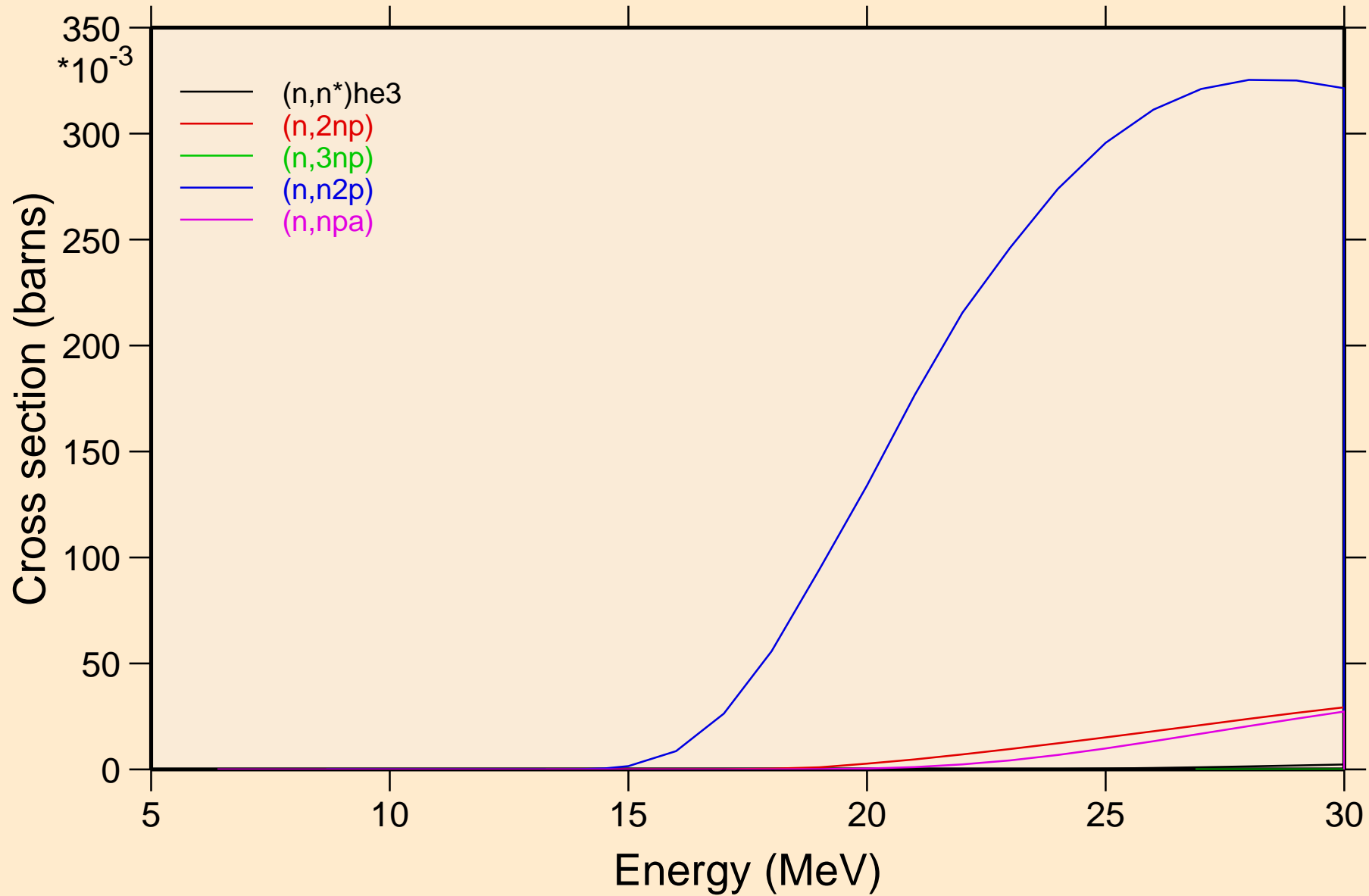
## Threshold reactions



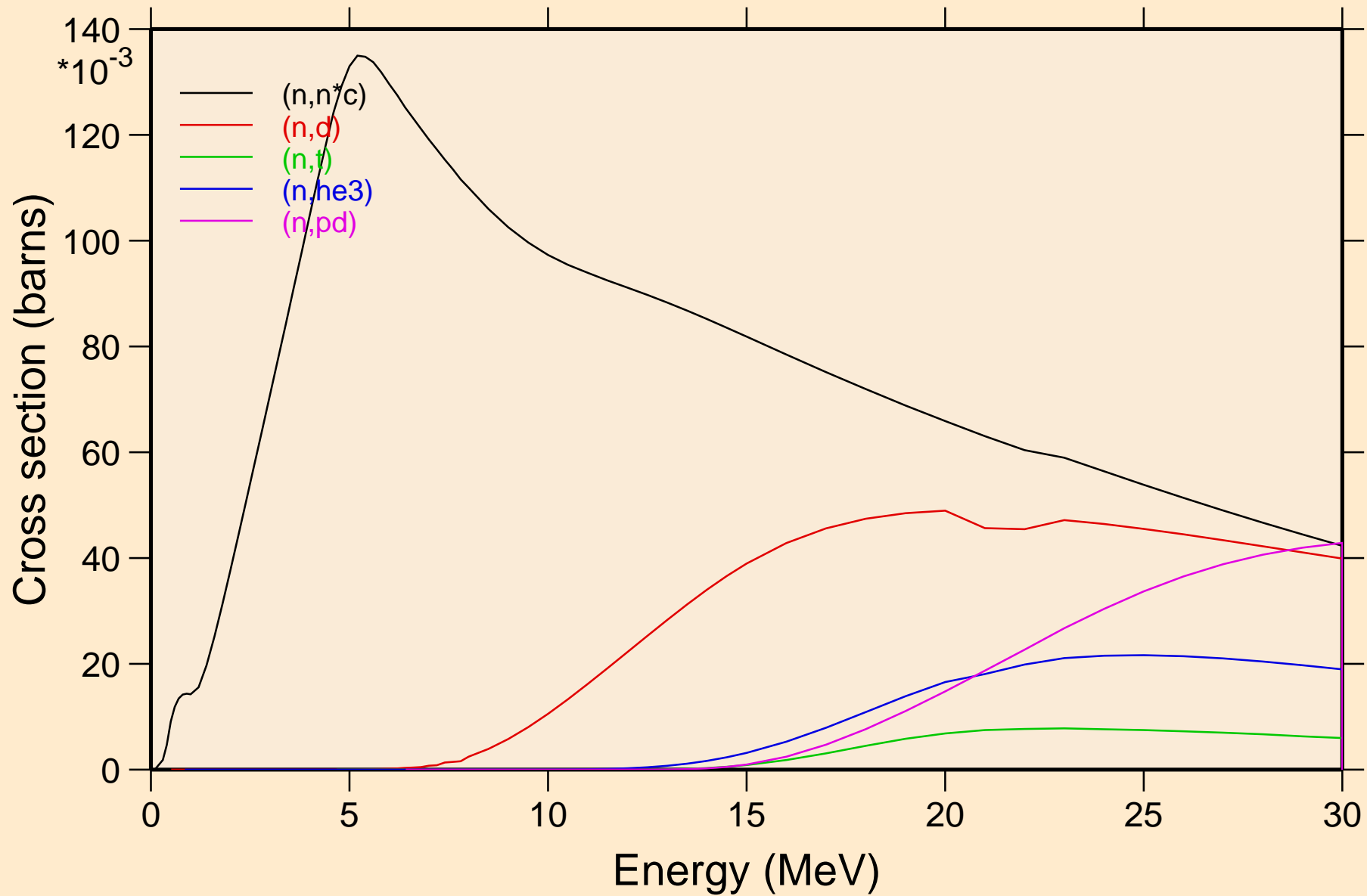
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



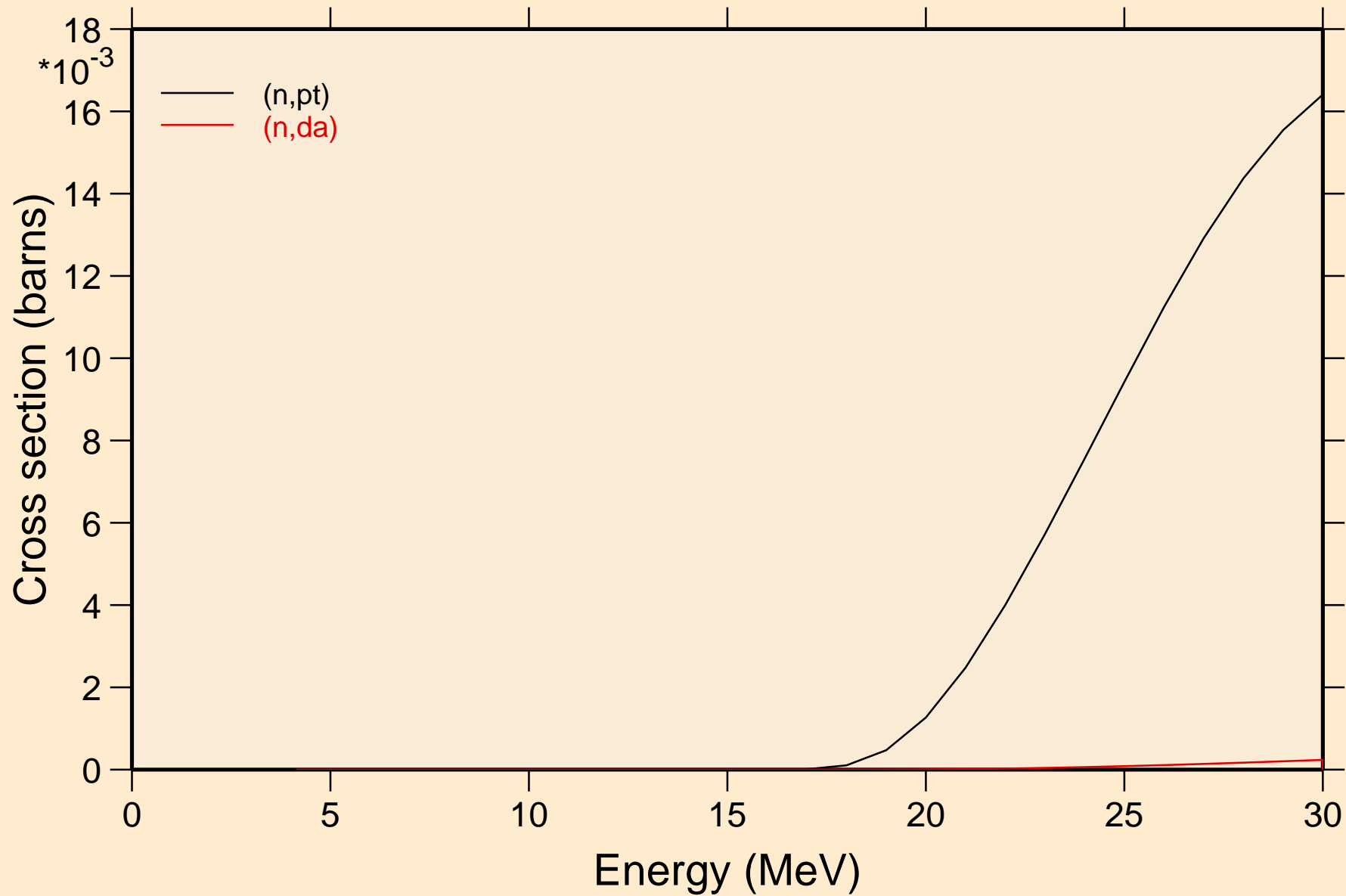
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Threshold reactions



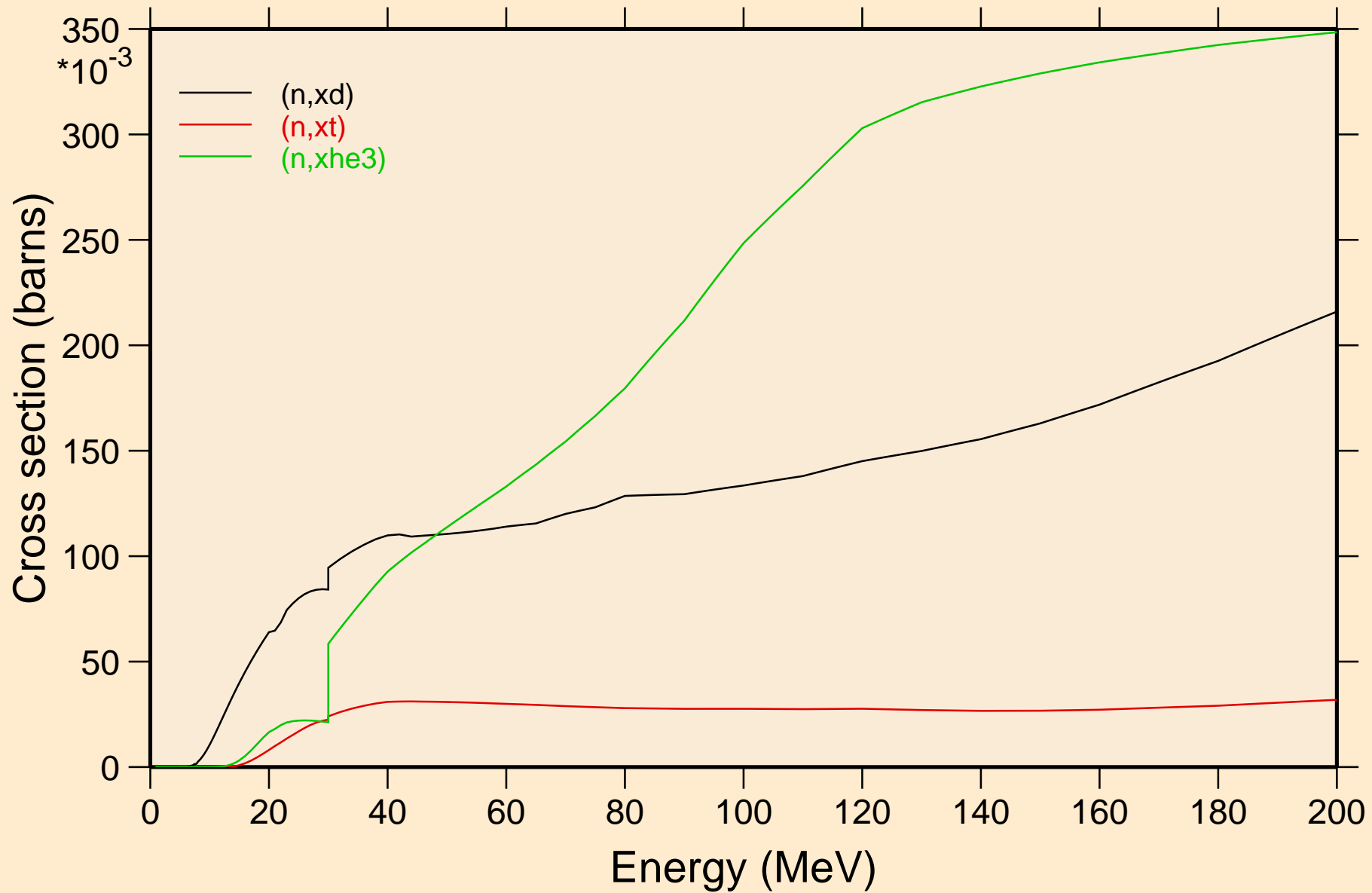
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Threshold reactions



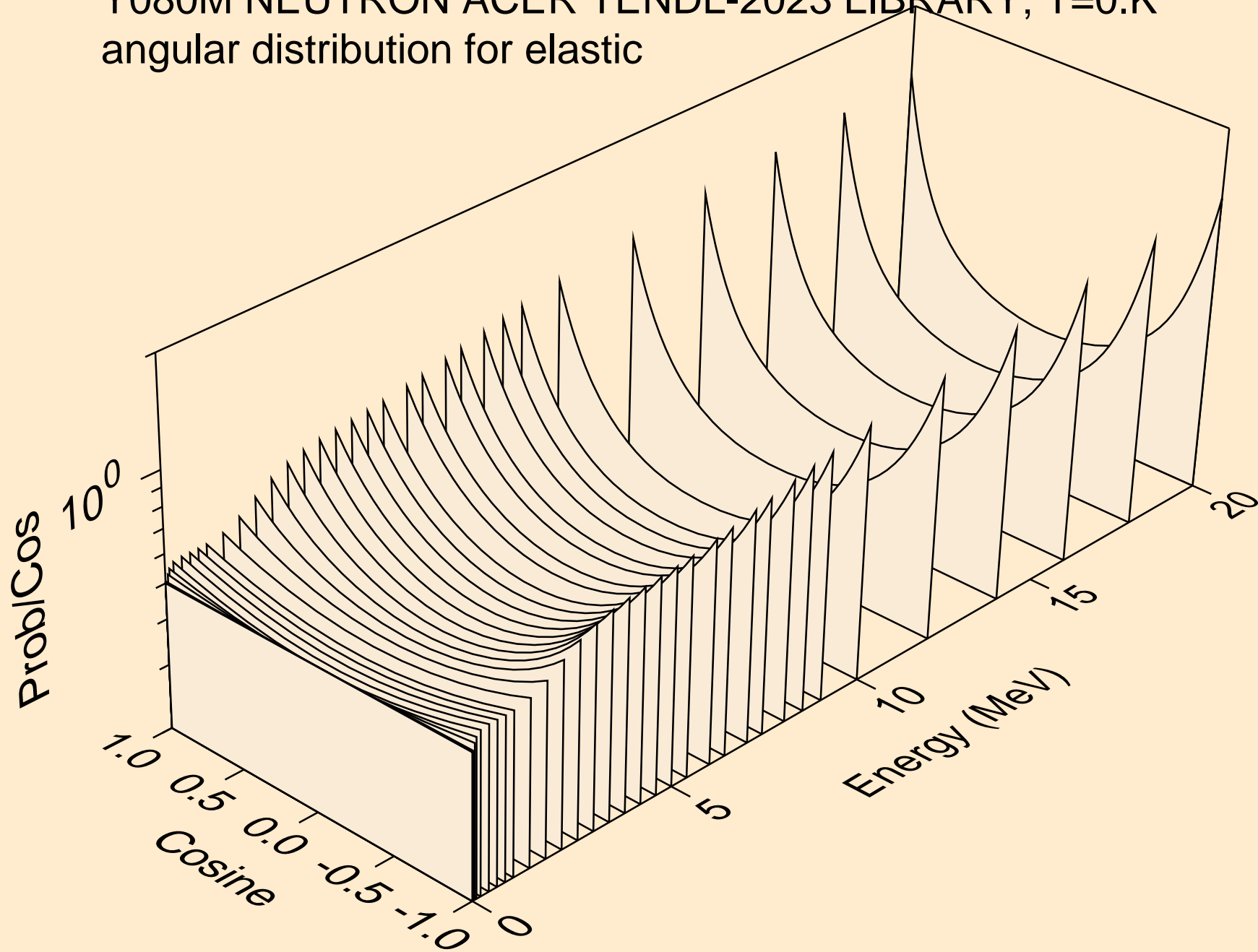
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

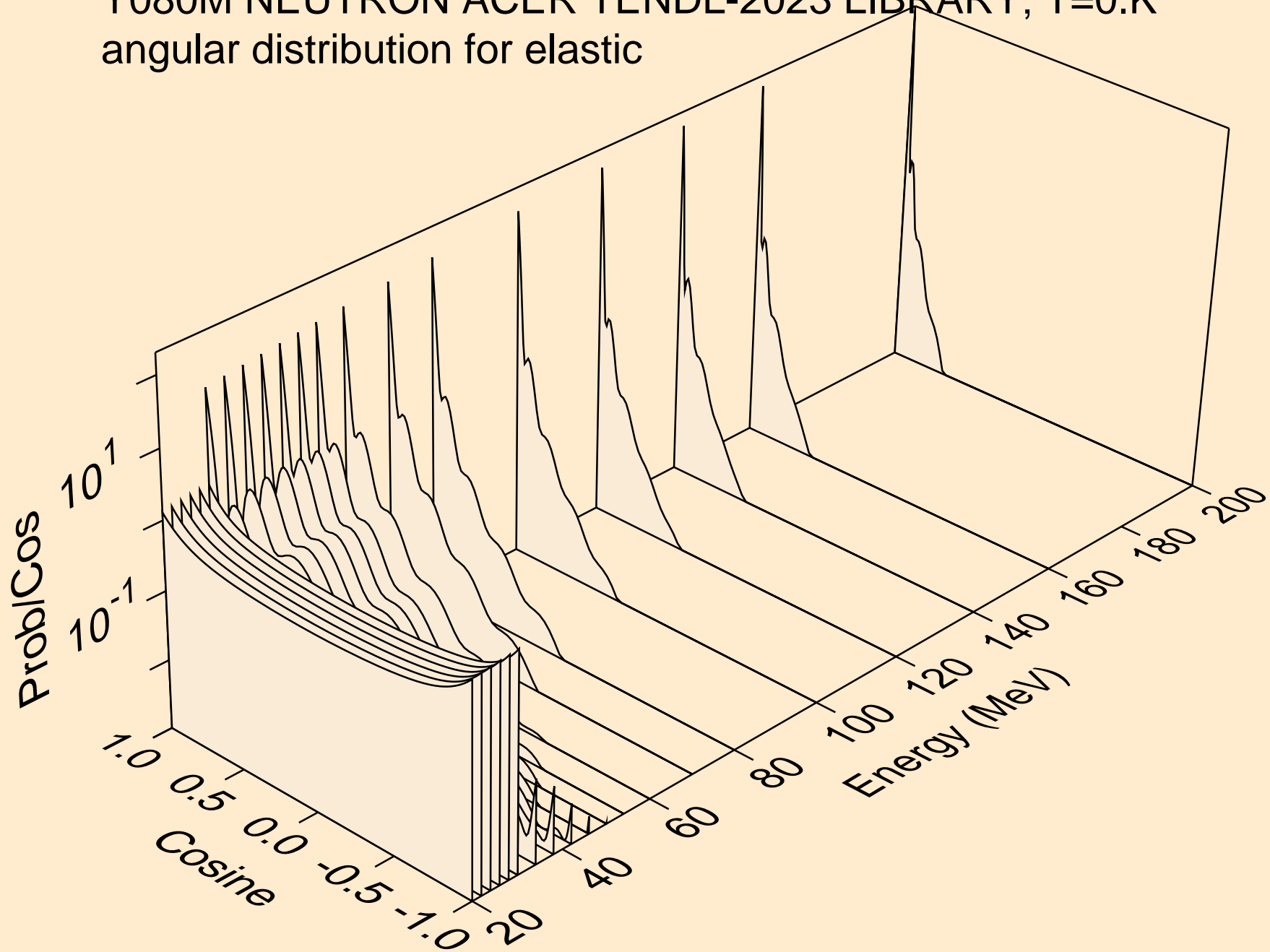


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

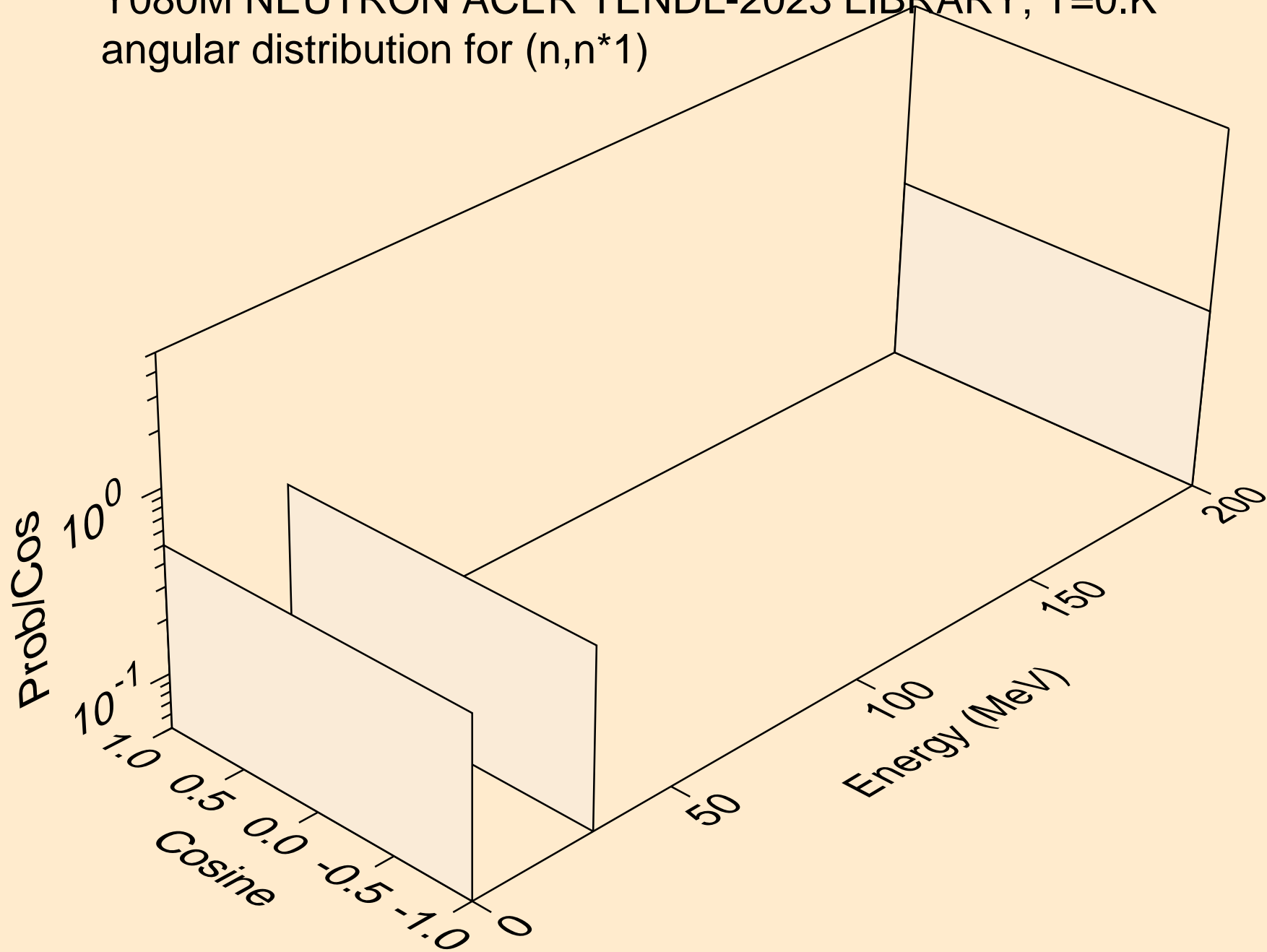




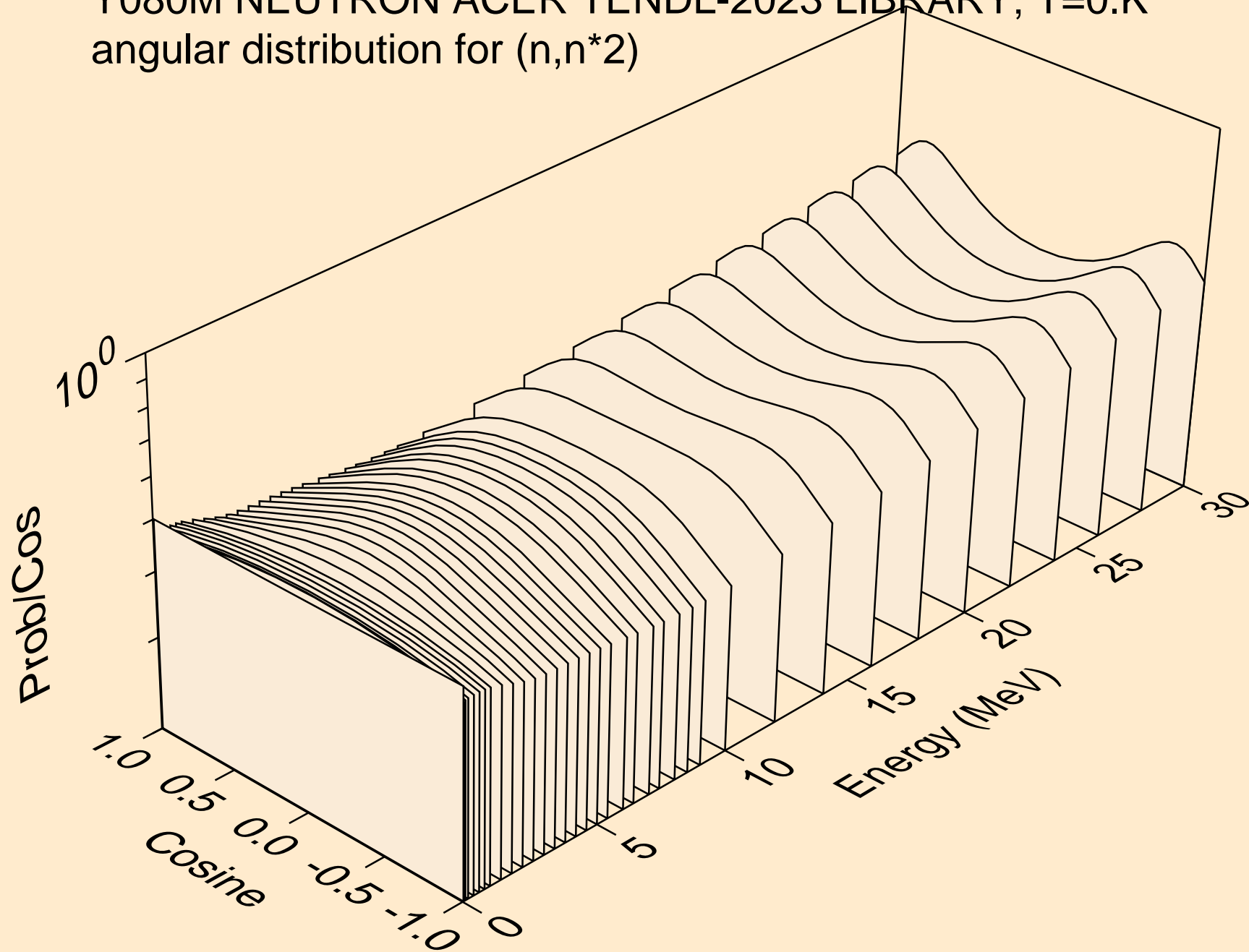
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angular distribution for elastic



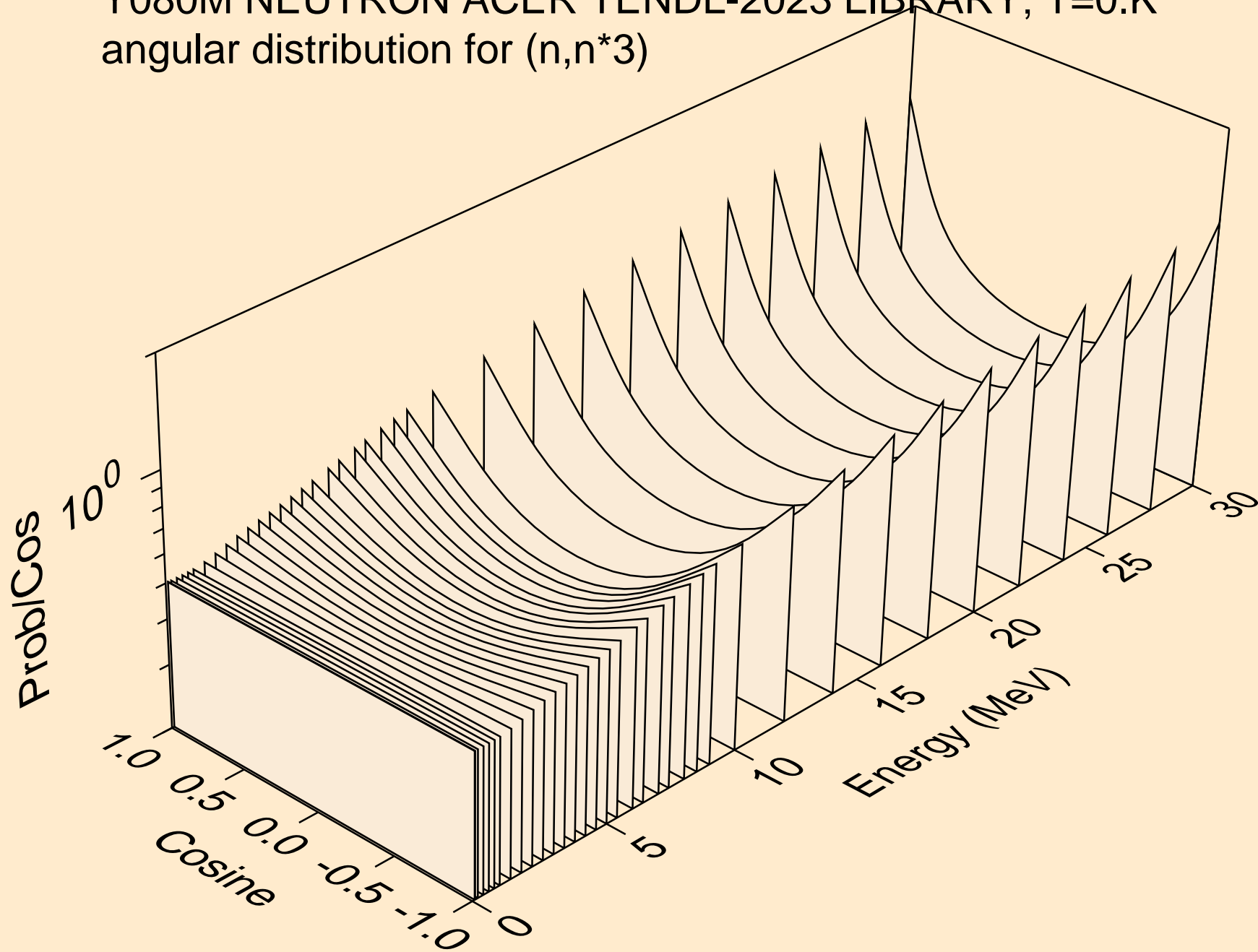
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angular distribution for (n,n\*1)



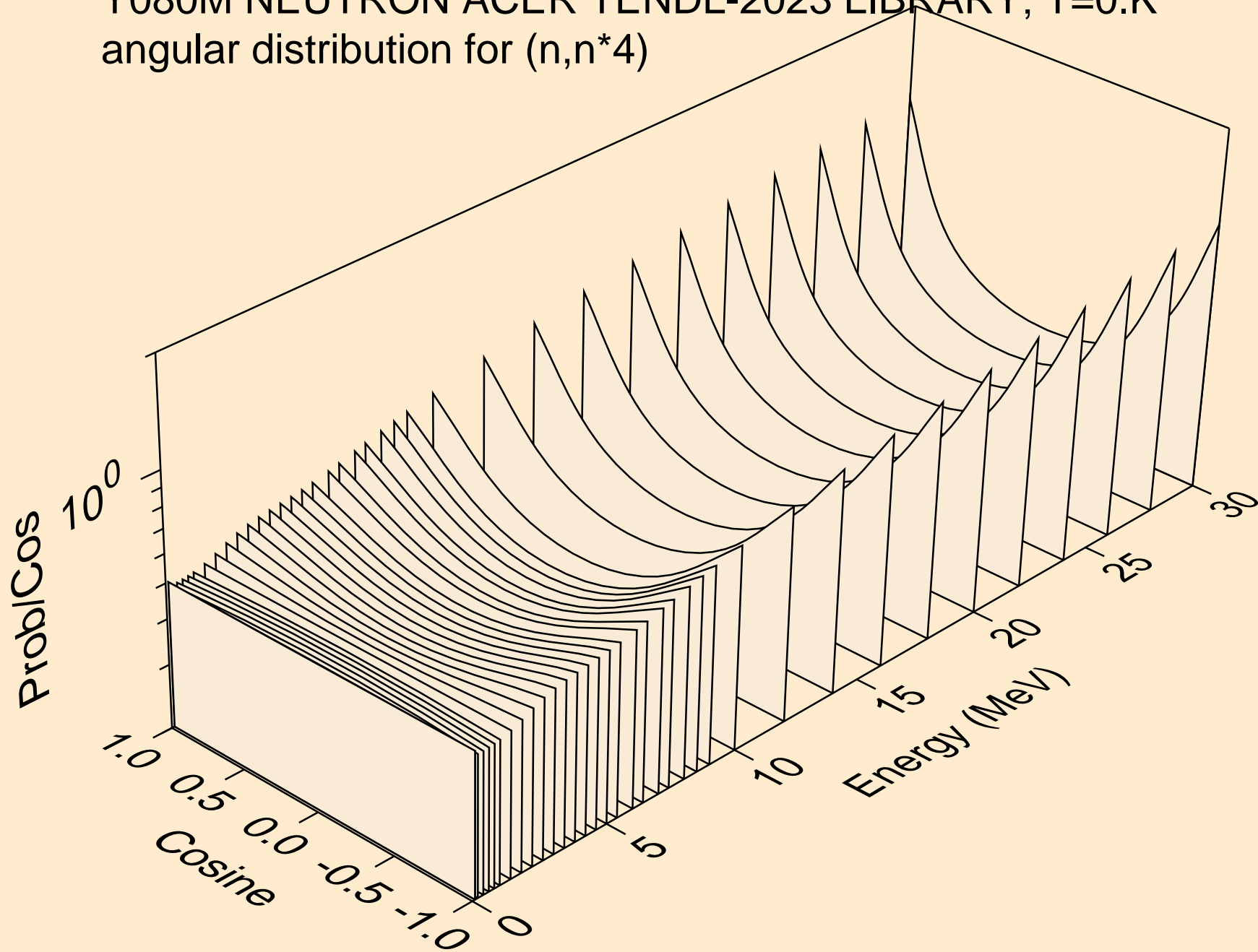
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angular distribution for (n,n\*2)



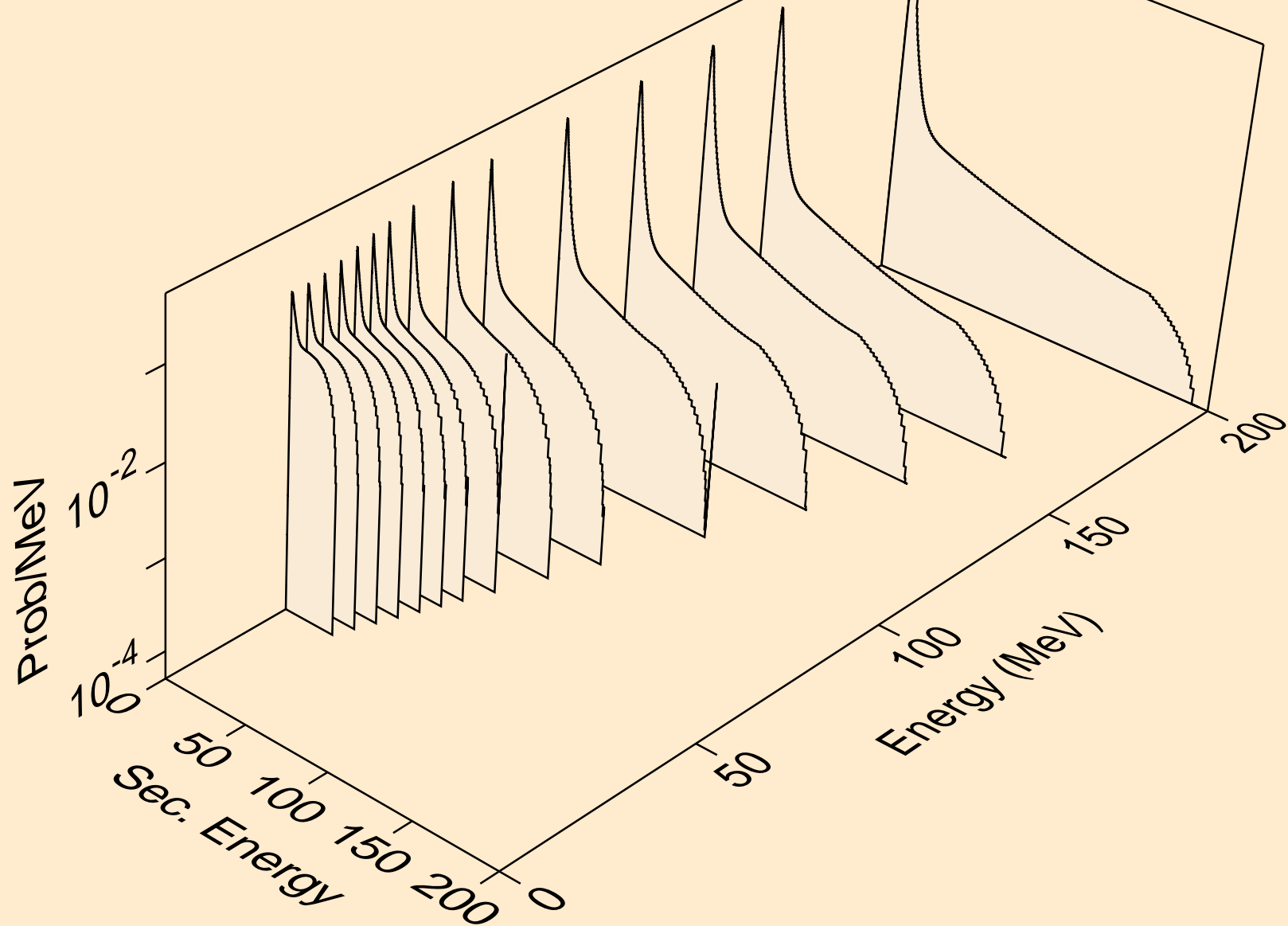
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angular distribution for (n,n\*3)



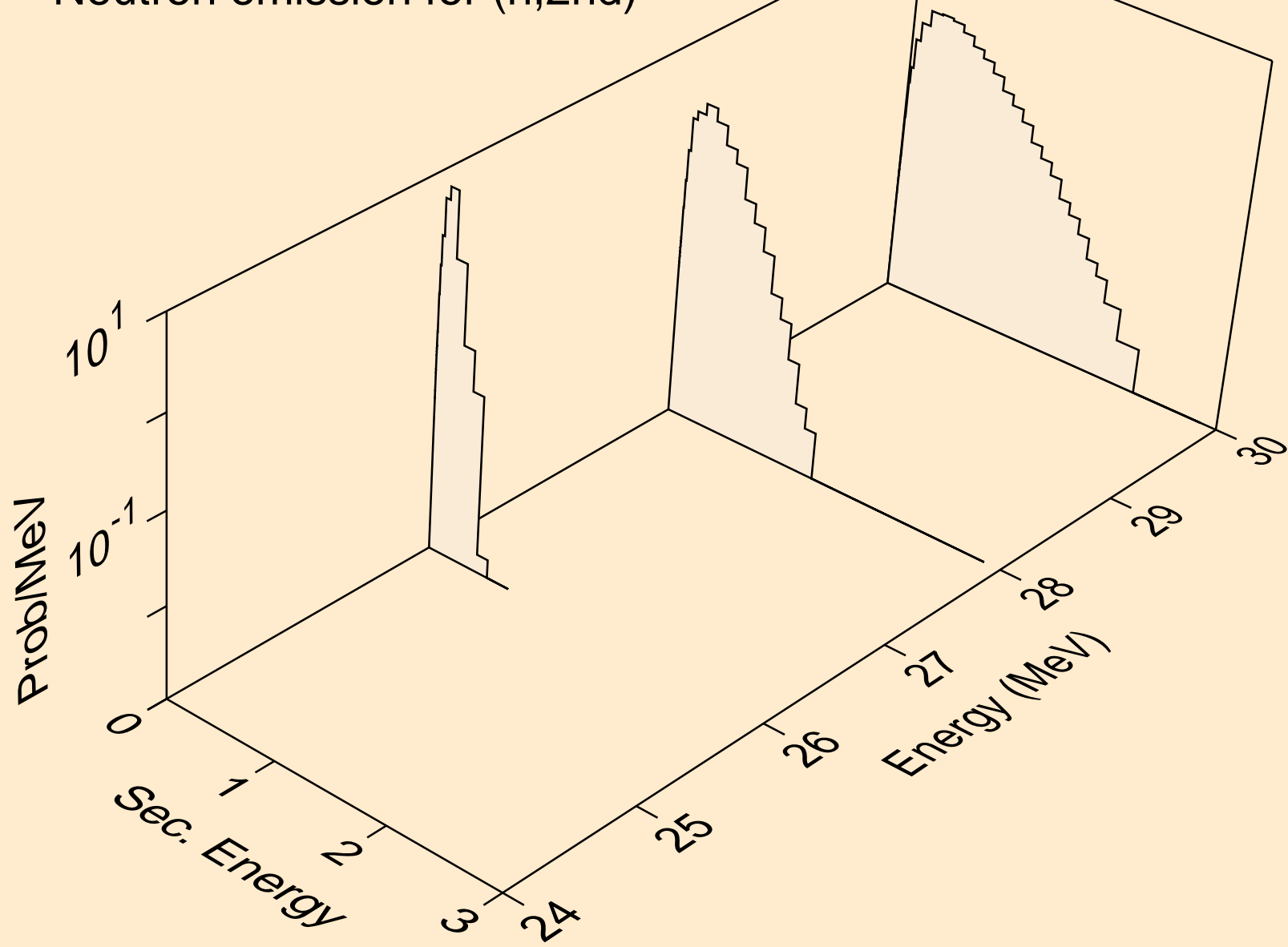
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angular distribution for (n,n\*4)



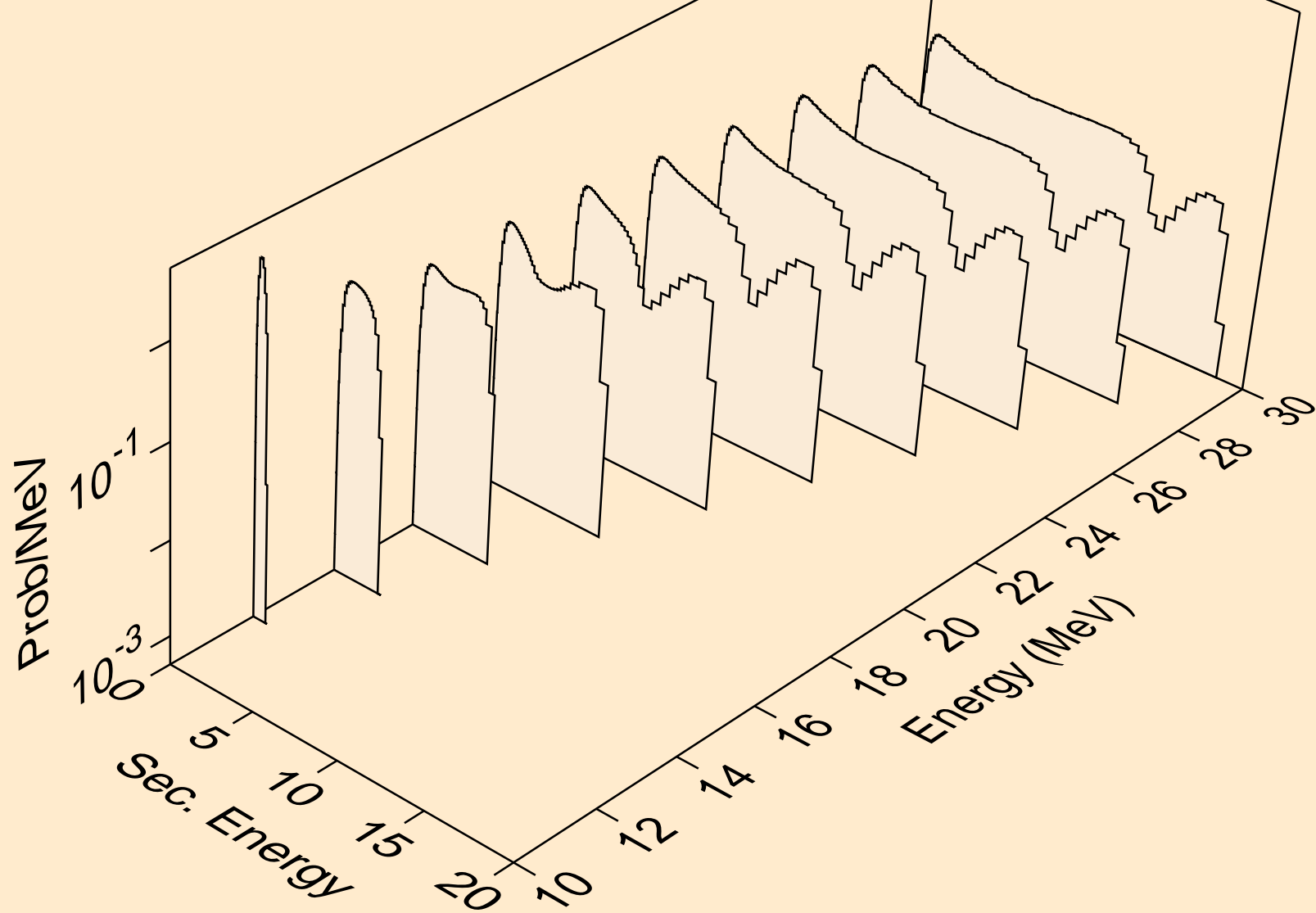
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

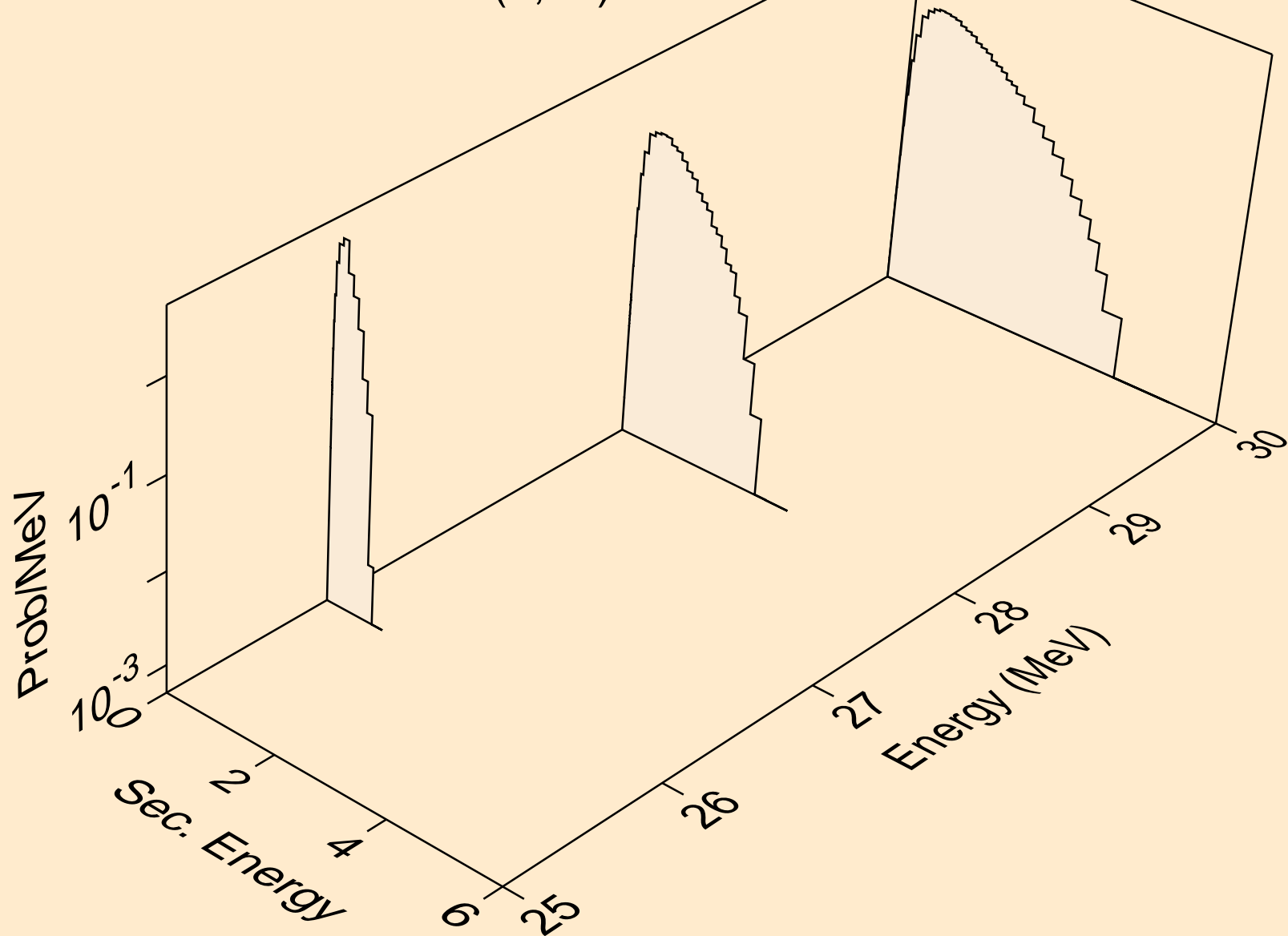


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Neutron emission for (n,2n)

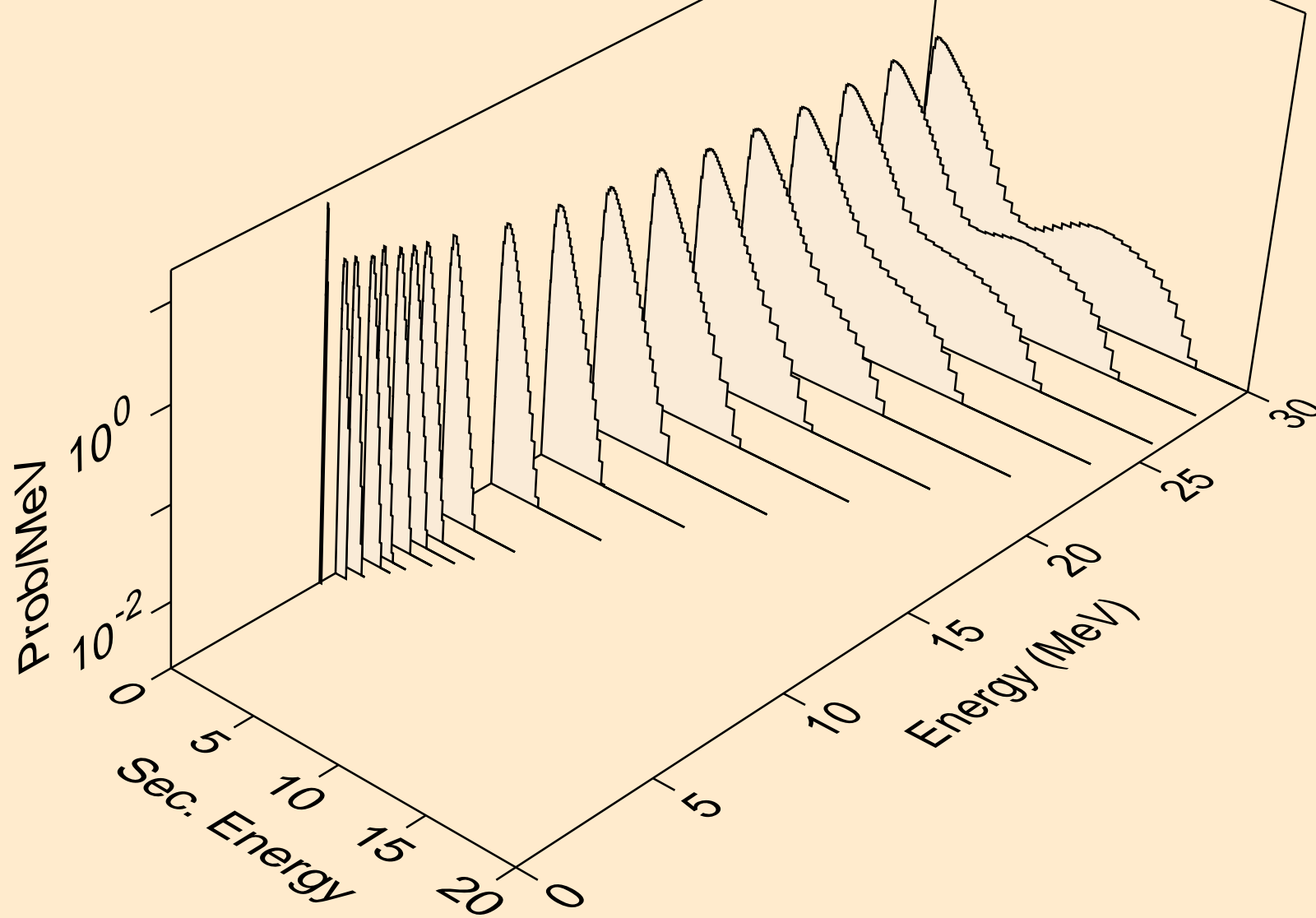




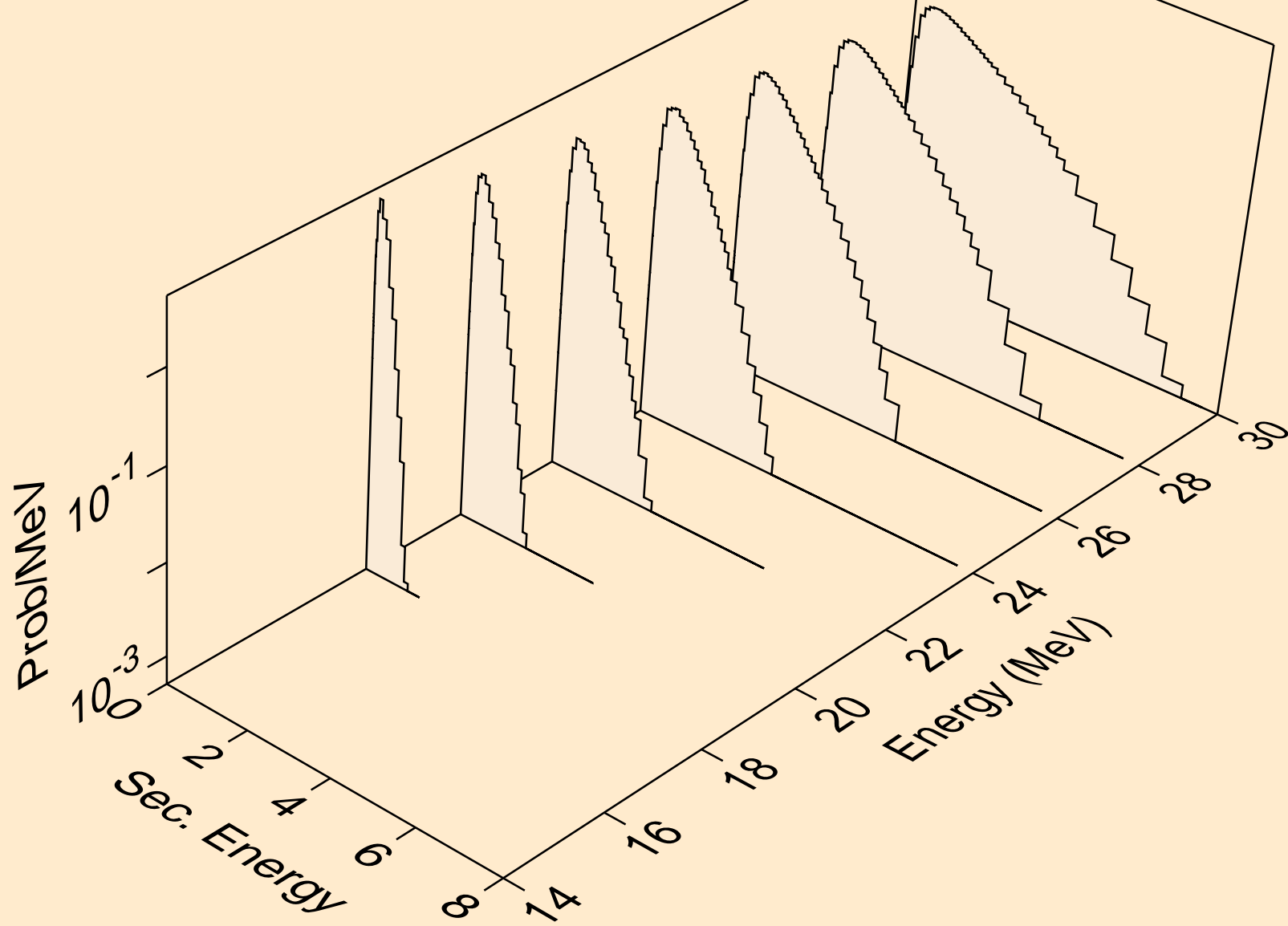
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Neutron emission for (n,3n)



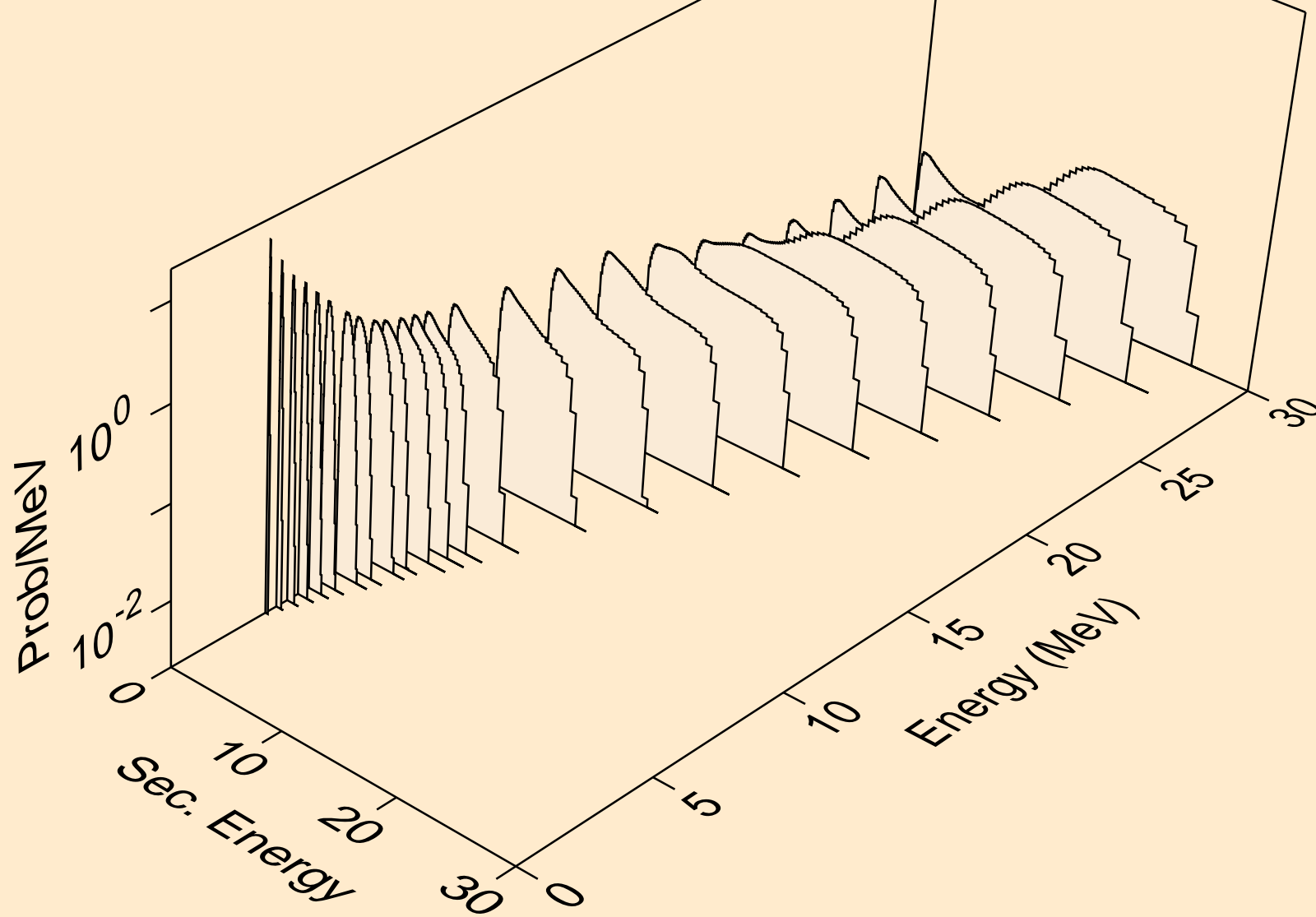
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Neutron emission for (n,n\*)a



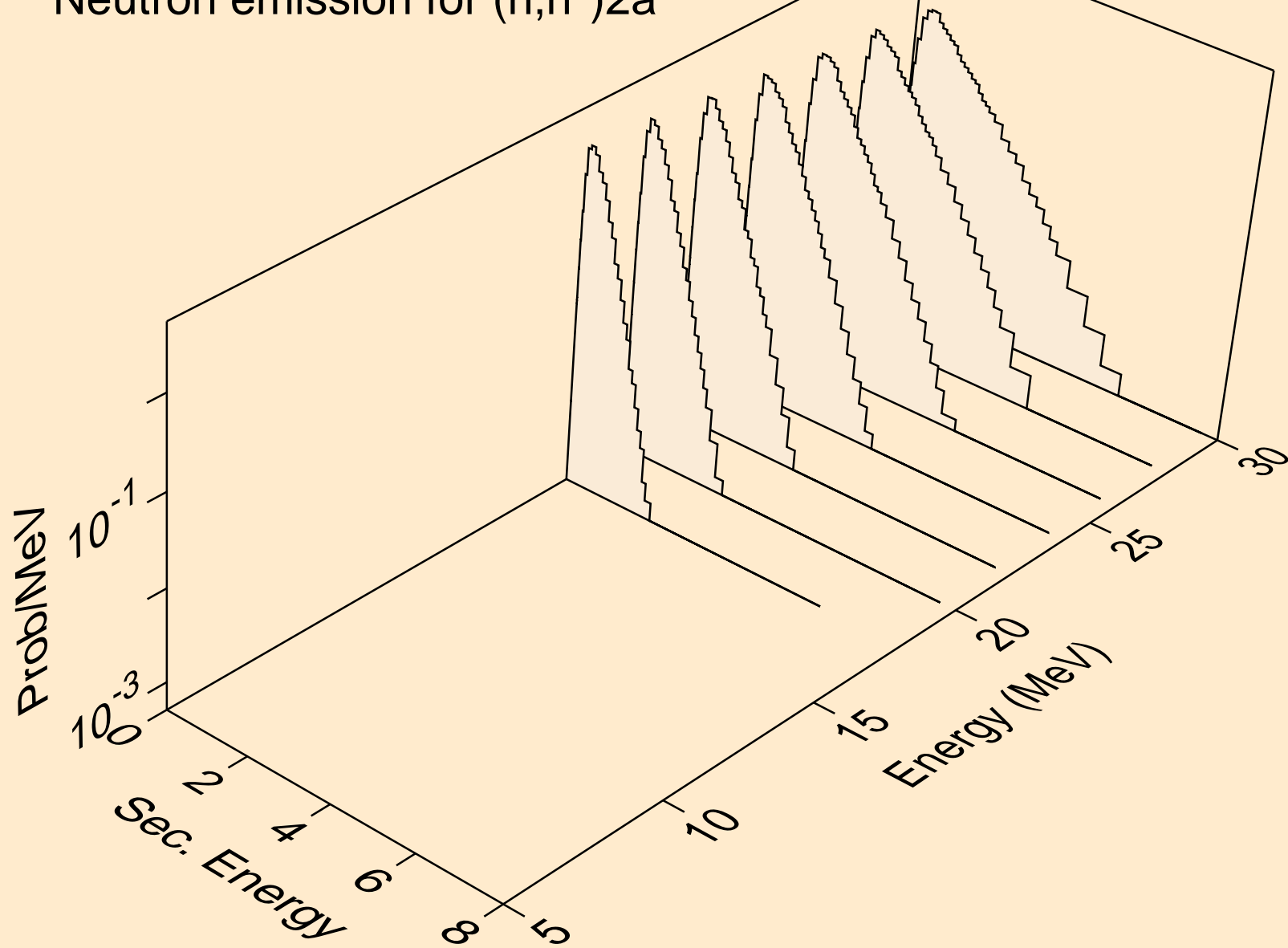
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Neutron emission for (n,2n)a



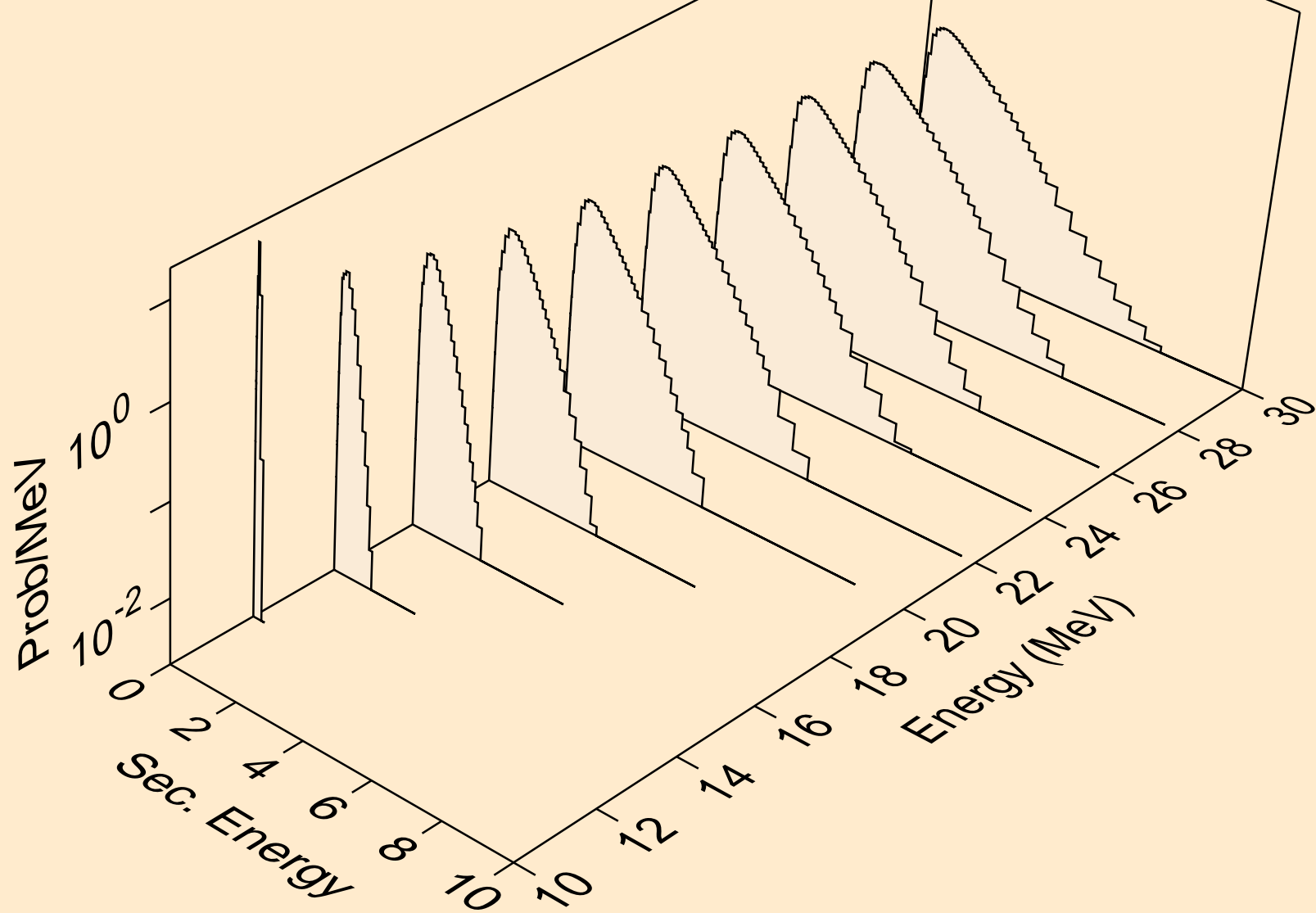
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Neutron emission for (n,n\*)p



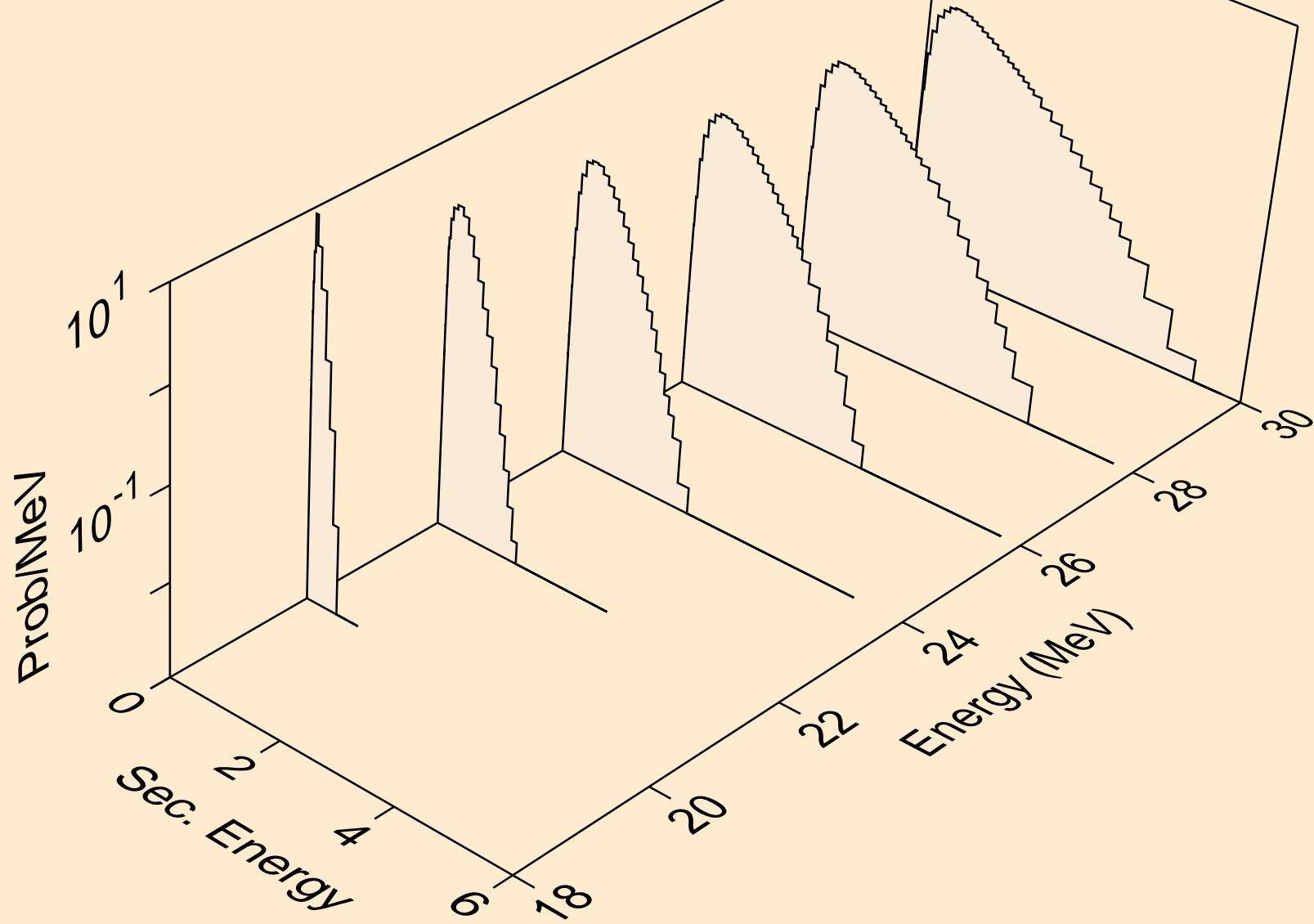
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Neutron emission for (n,n\*)2a



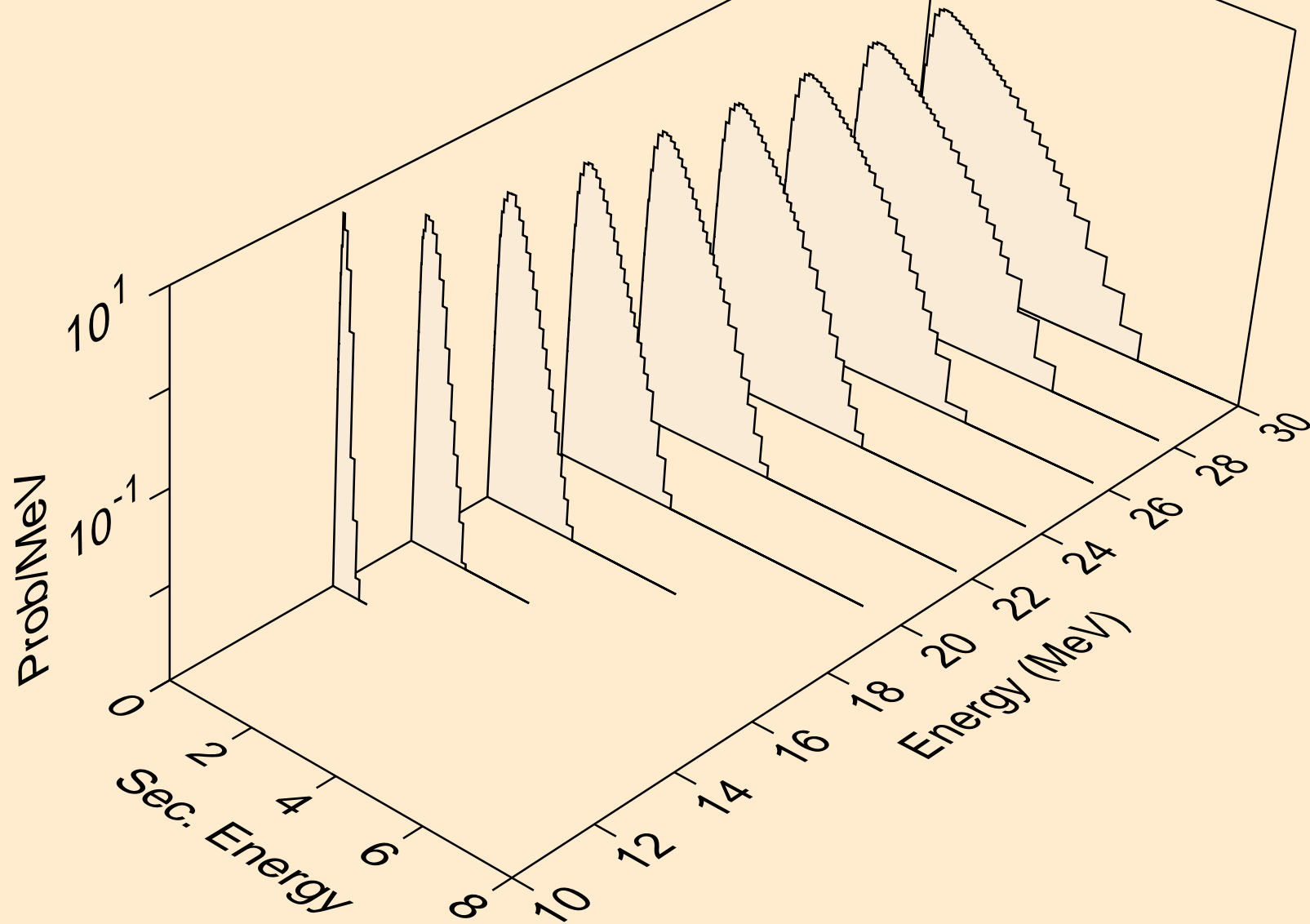
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

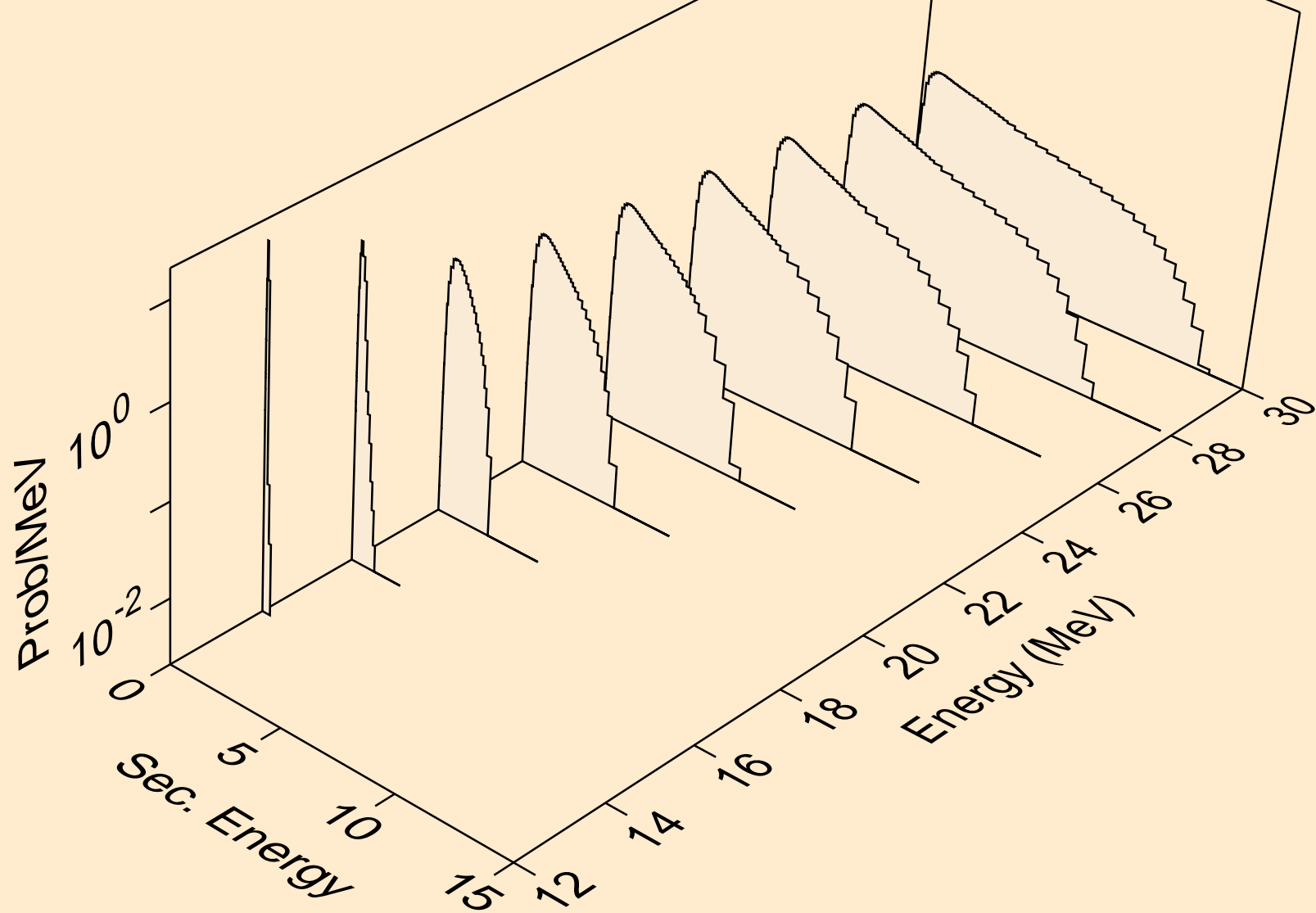


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

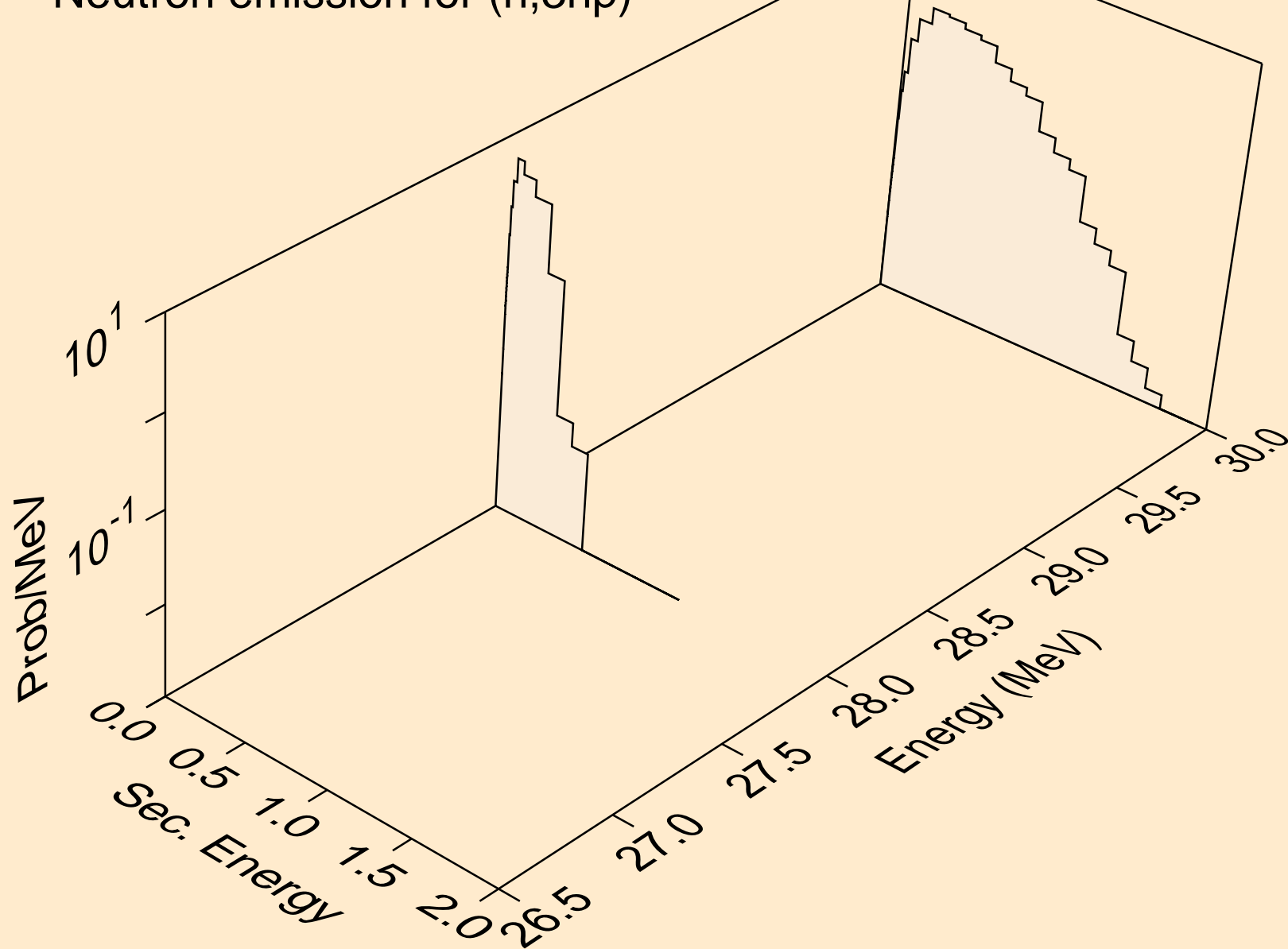




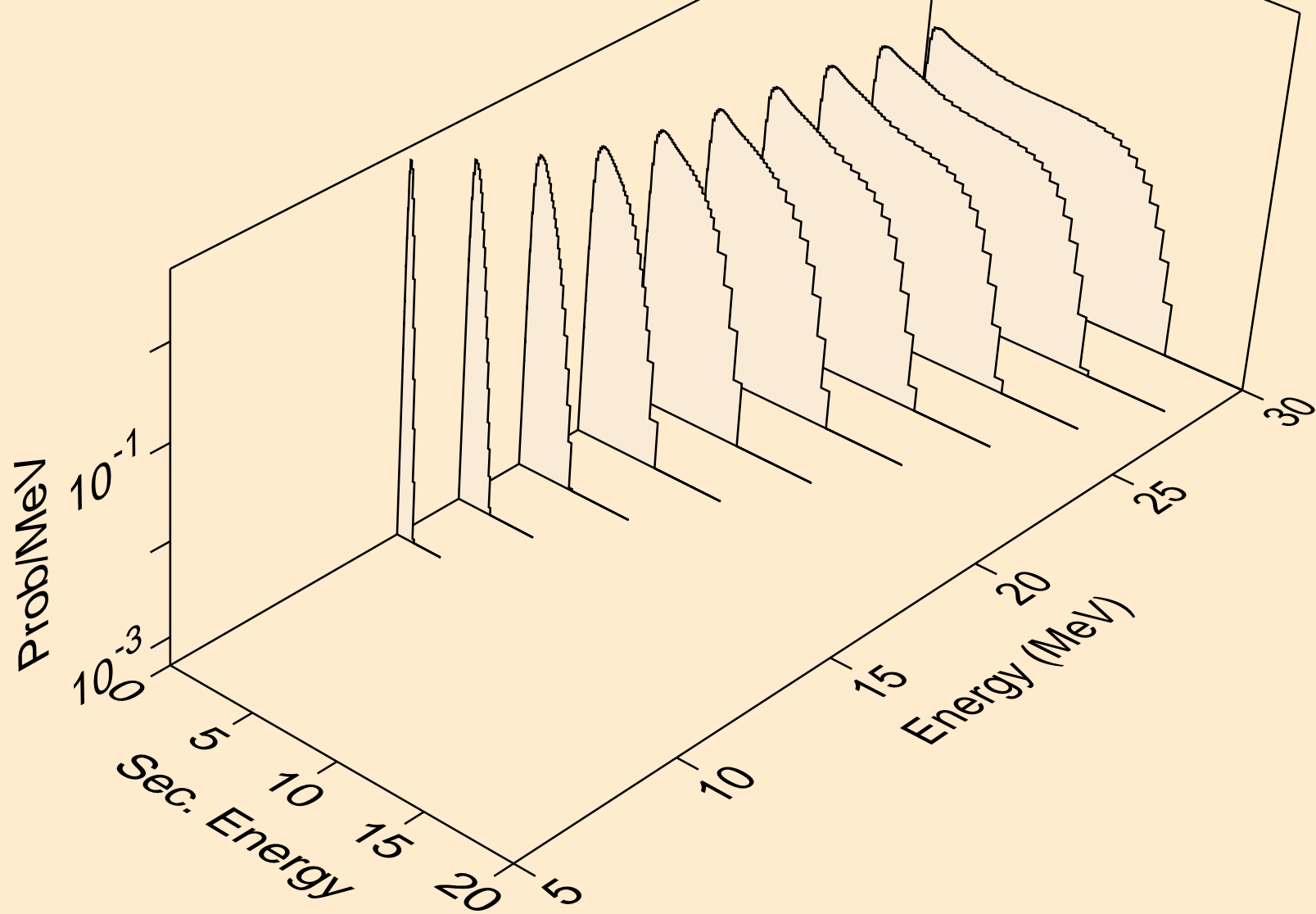
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Neutron emission for (n,2np)



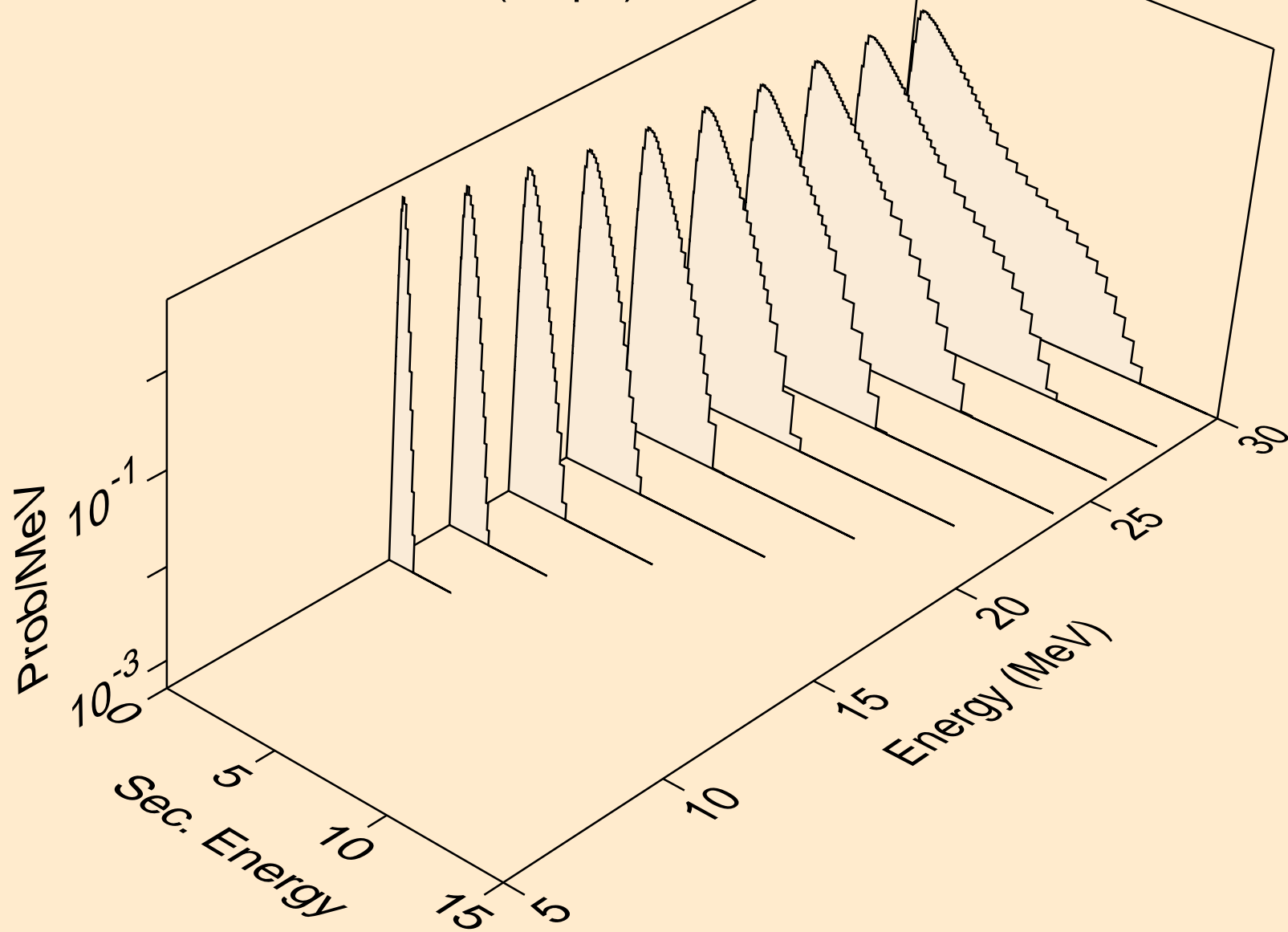
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Neutron emission for (n,3np)



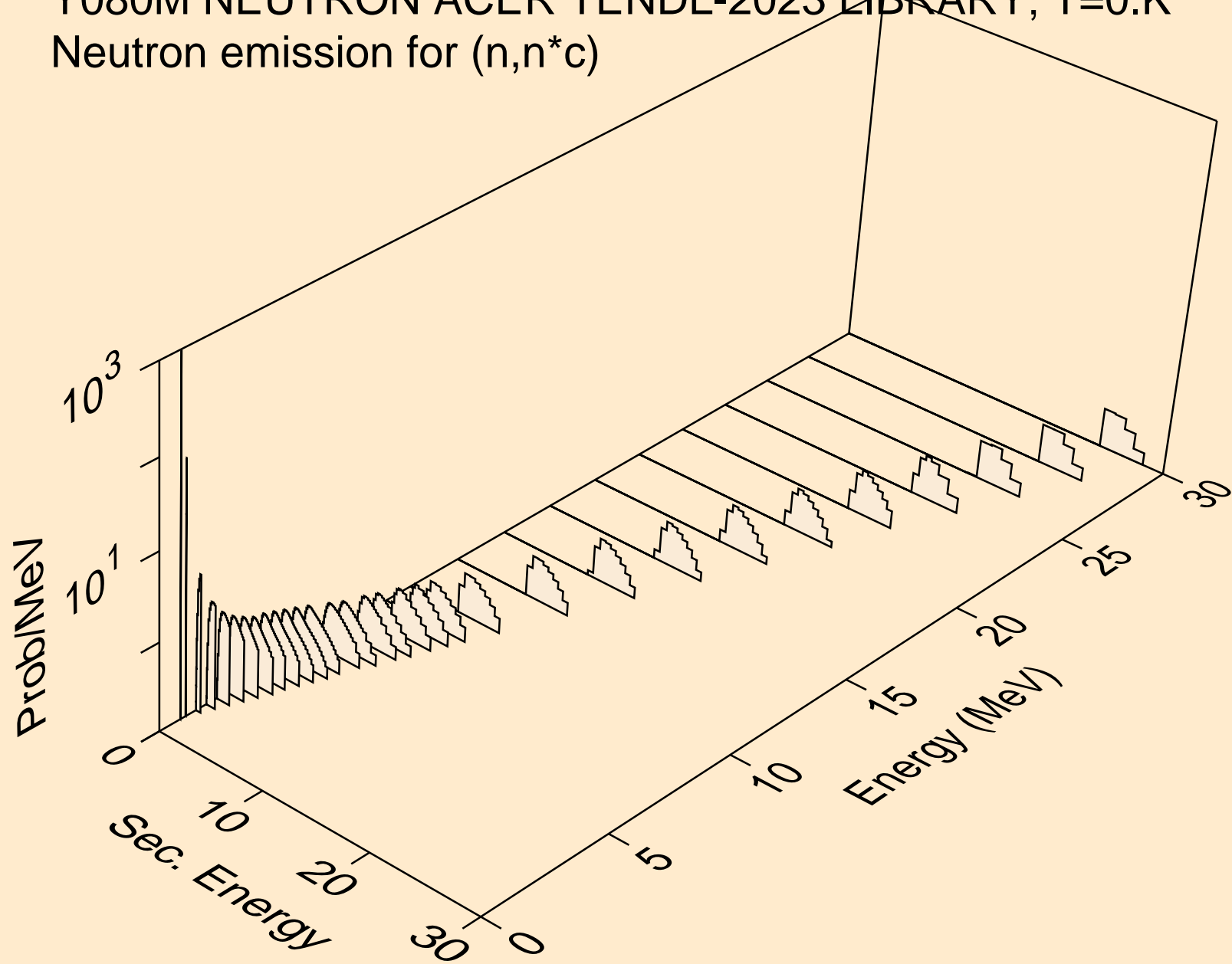
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Neutron emission for (n,n2p)



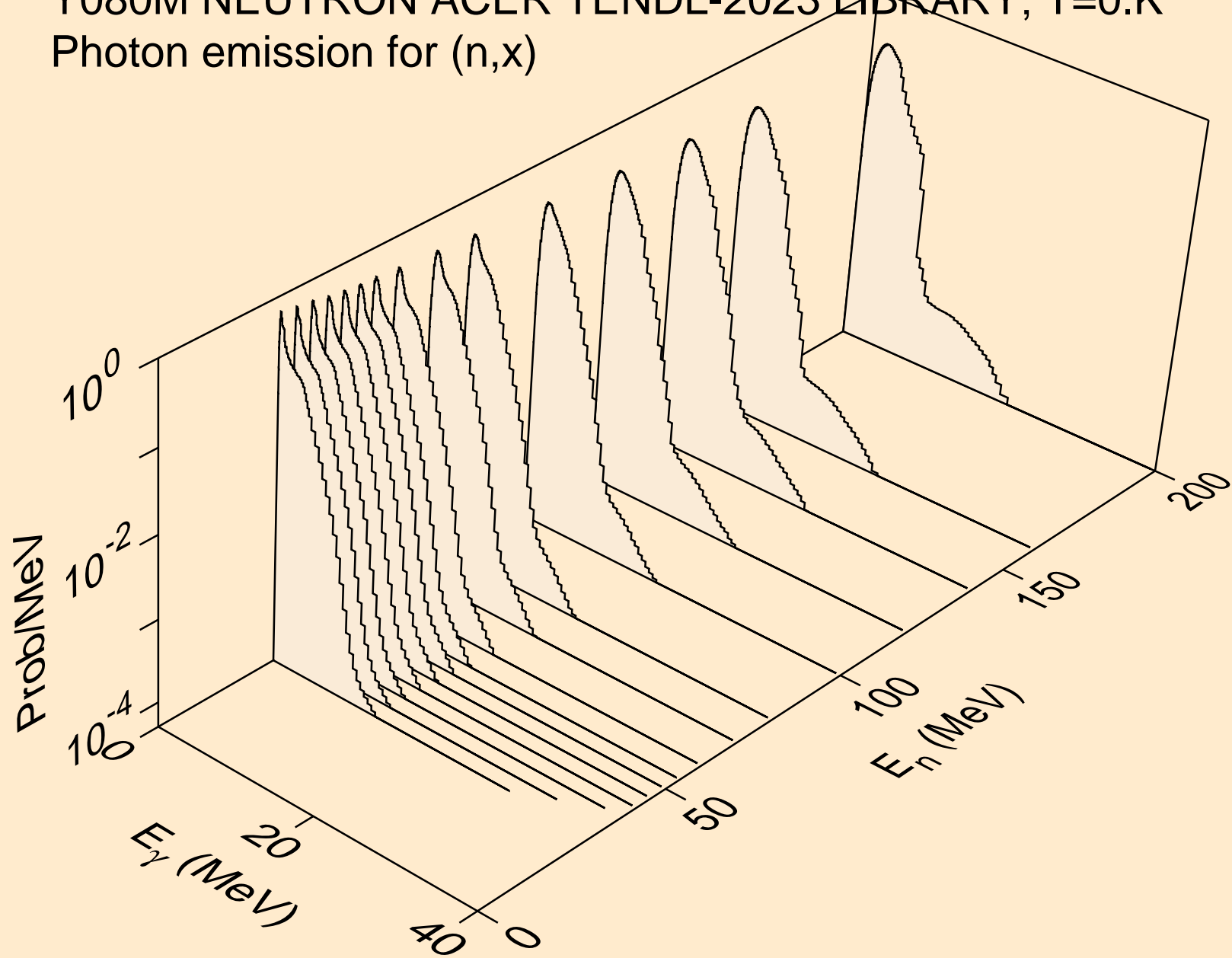
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Neutron emission for (n,npa)



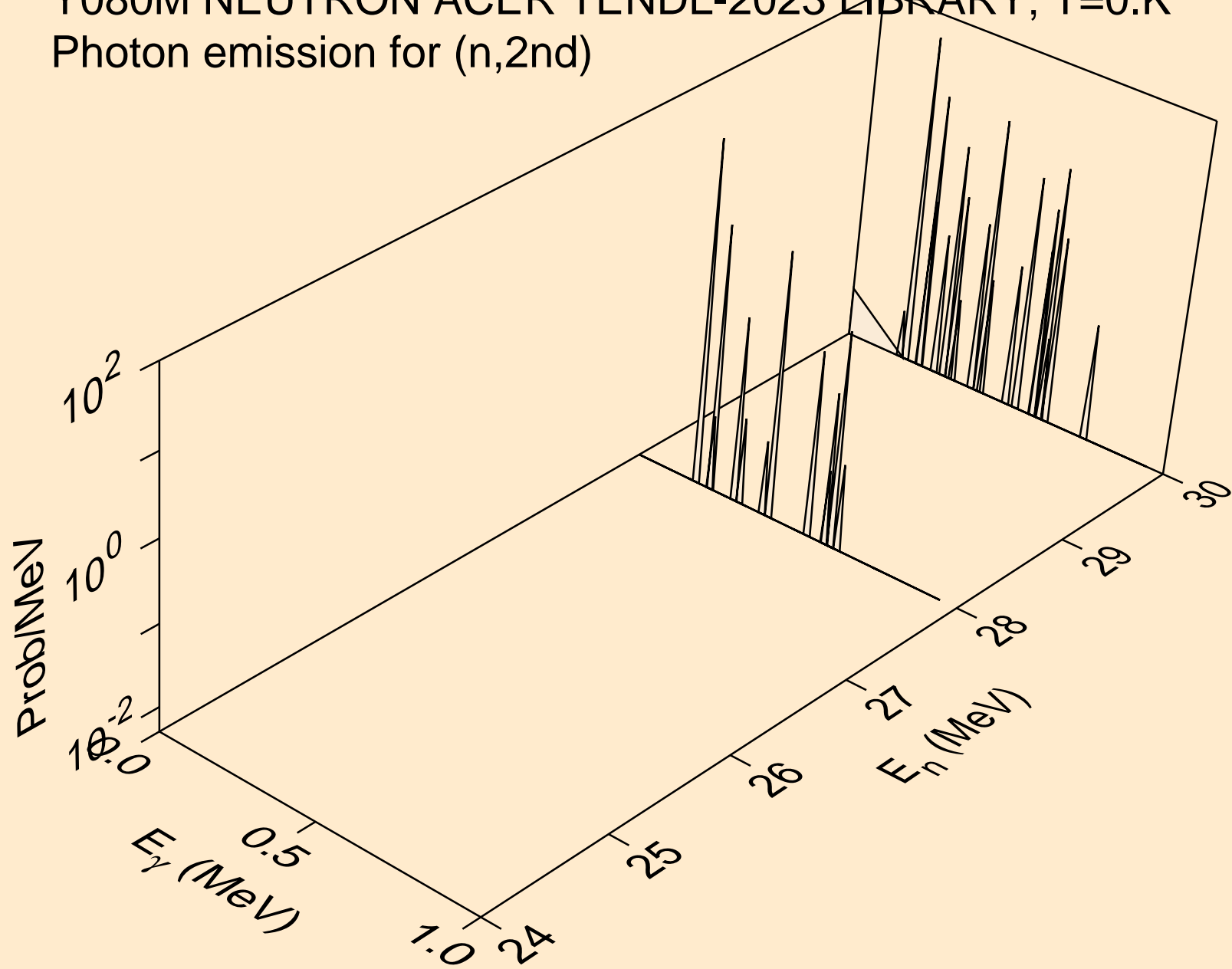
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



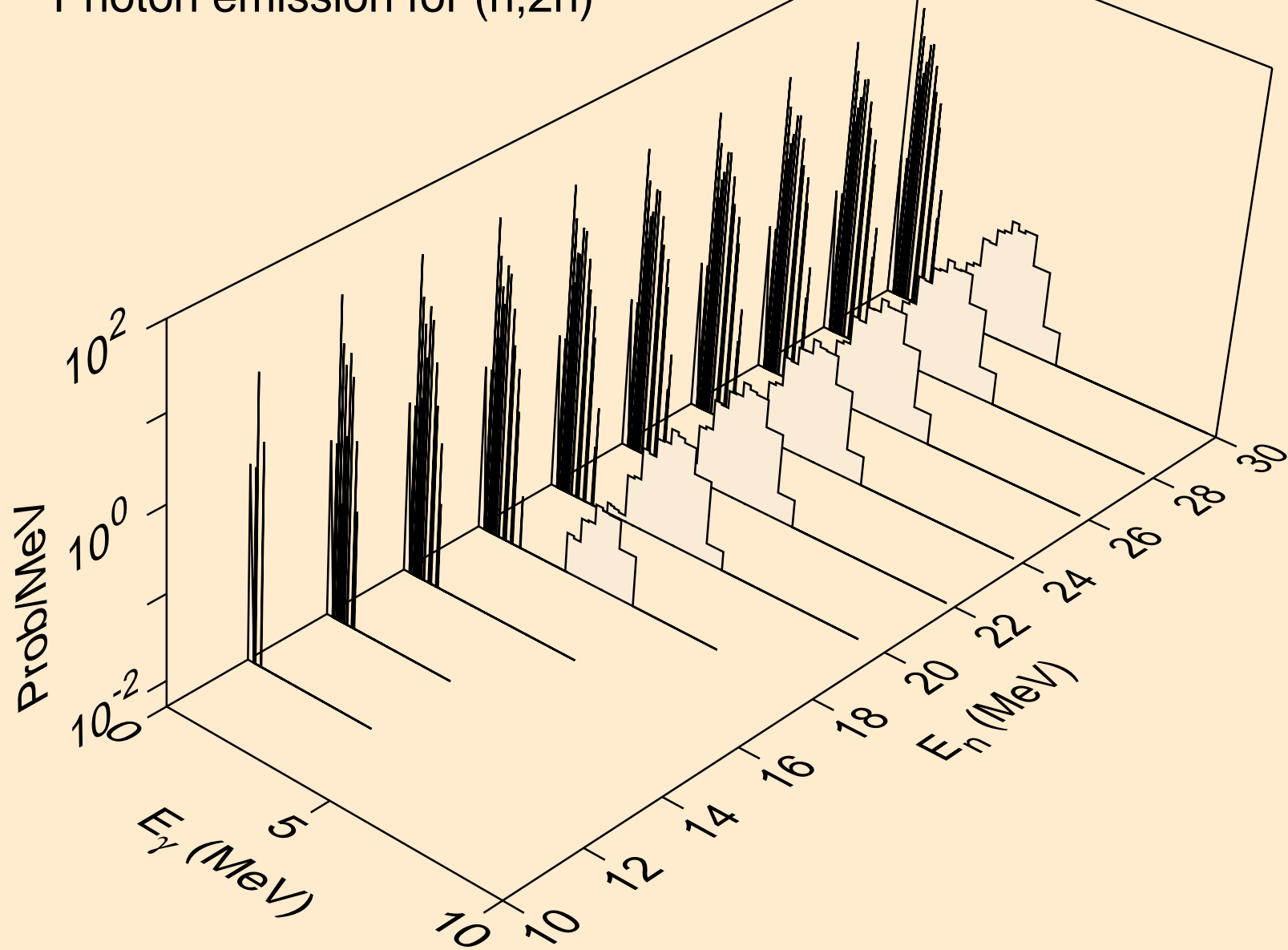
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

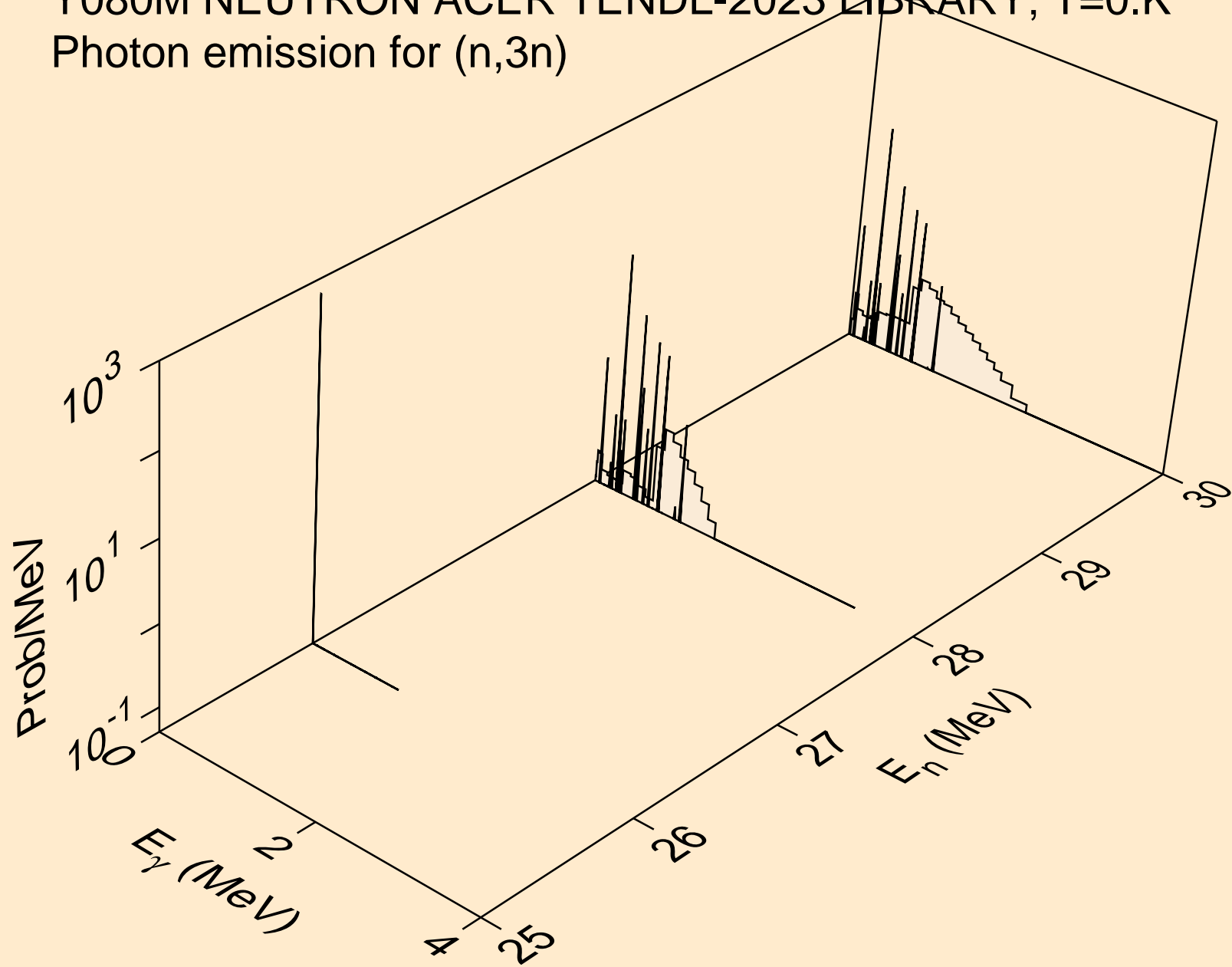


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Photon emission for (n,2n)

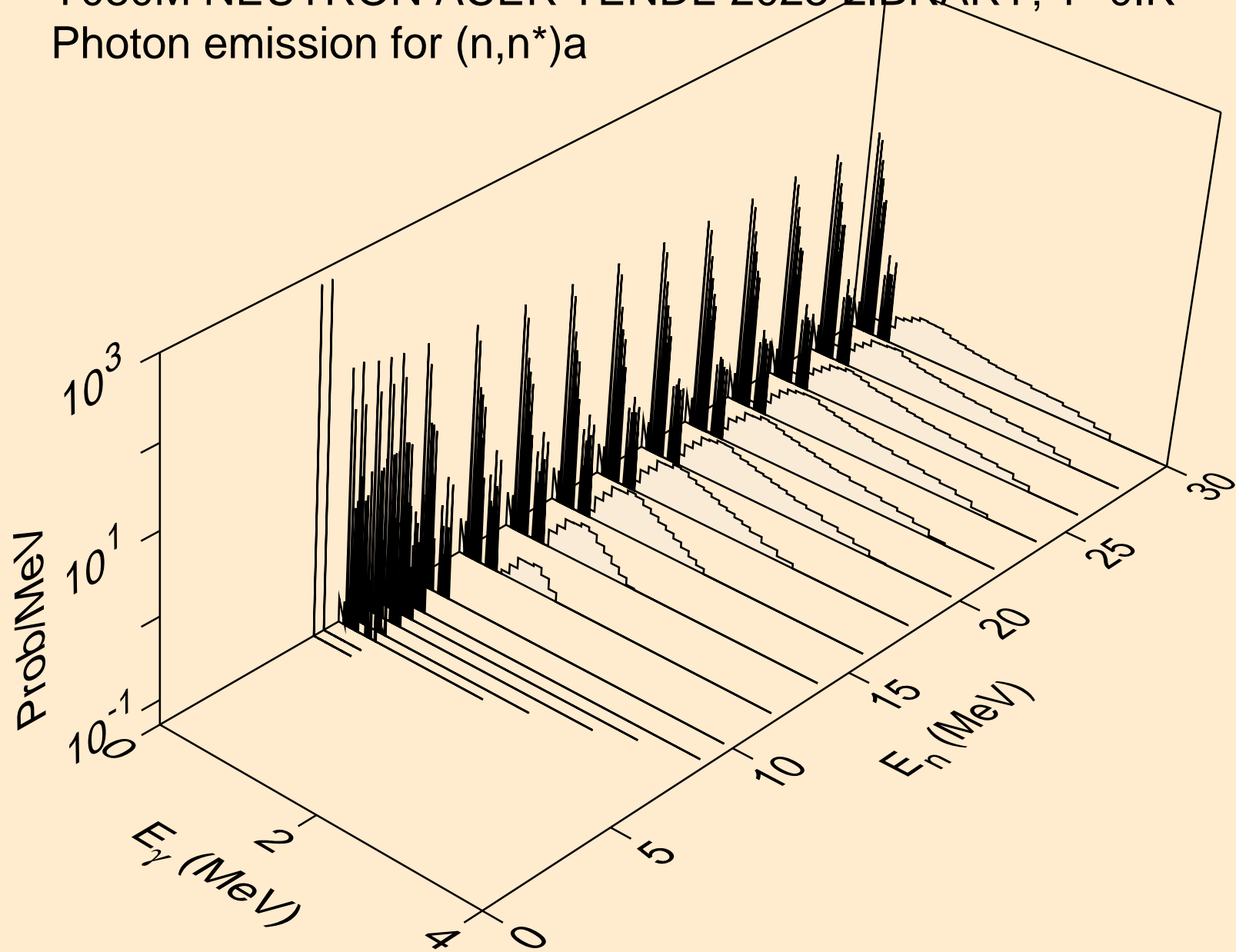




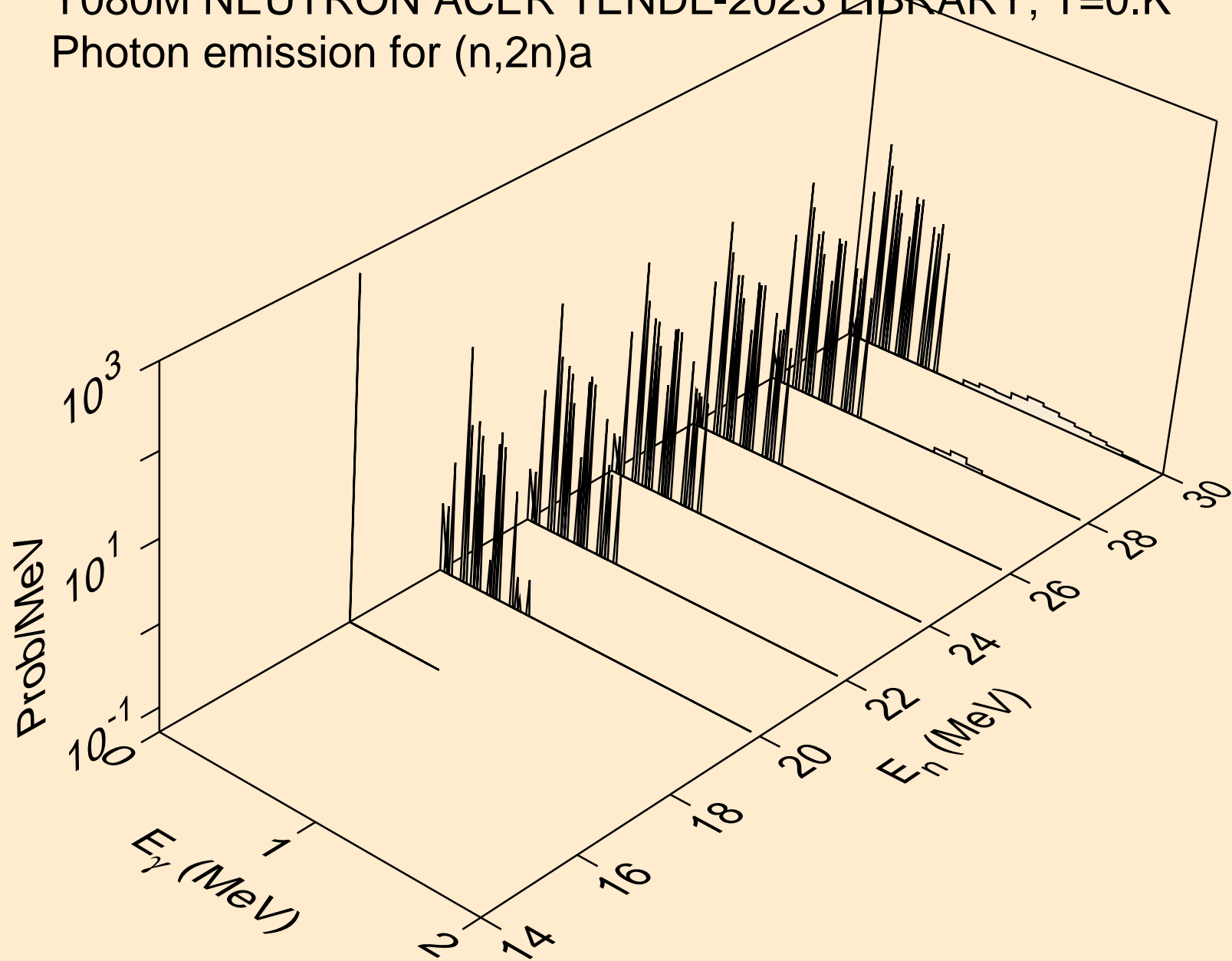
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Photon emission for (n,3n)



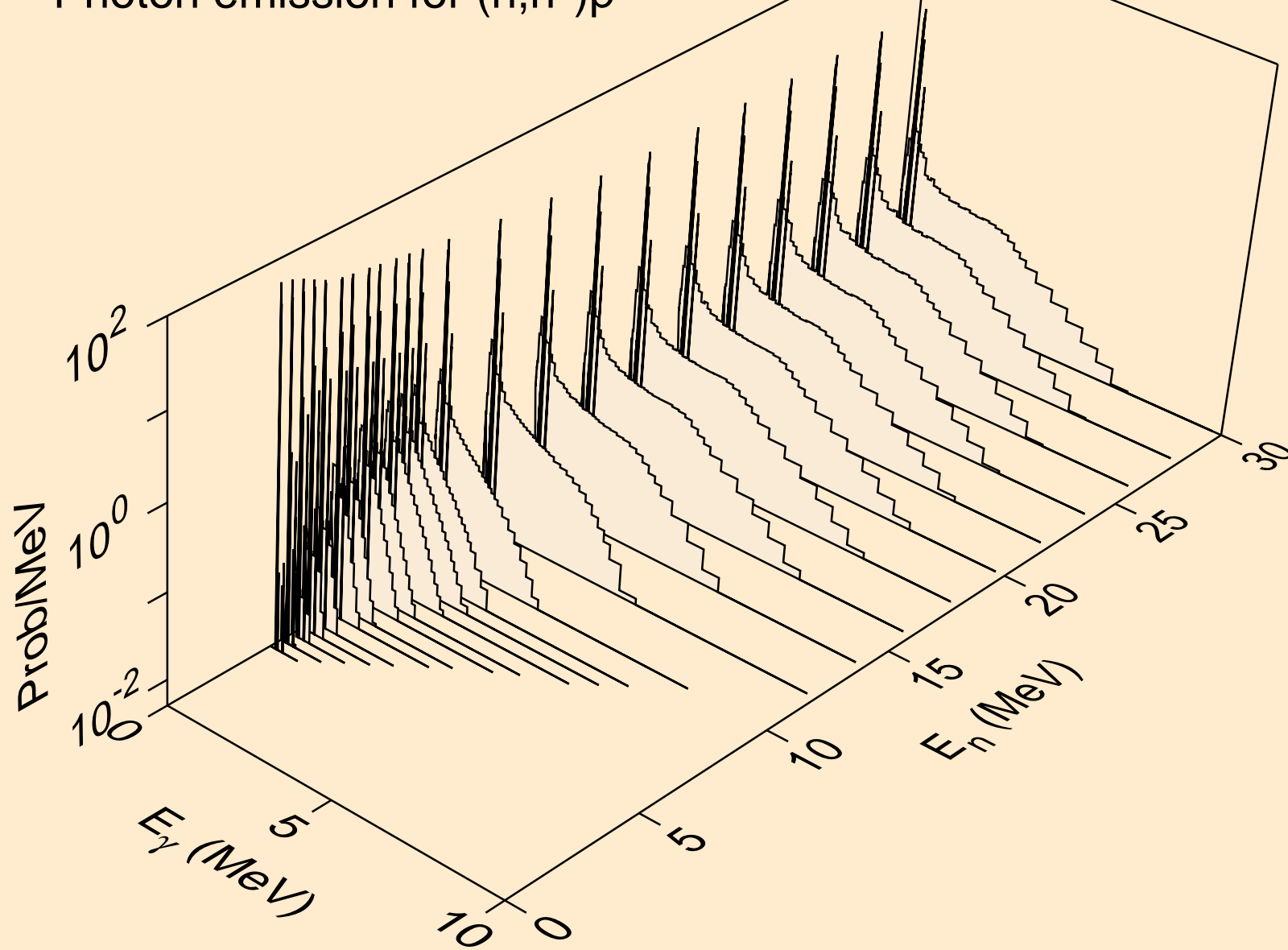
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Photon emission for (n,n\*)a



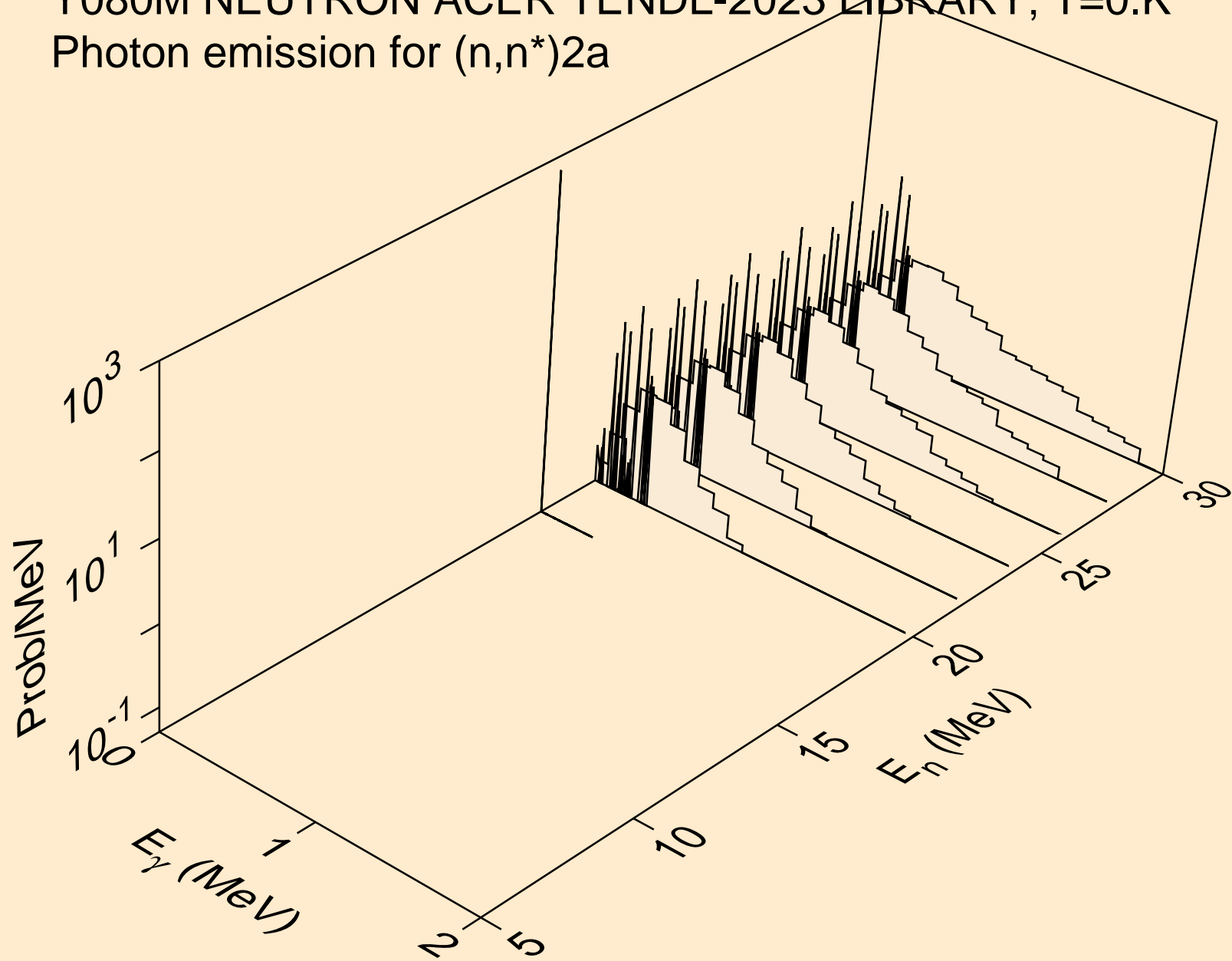
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Photon emission for (n,2n)a



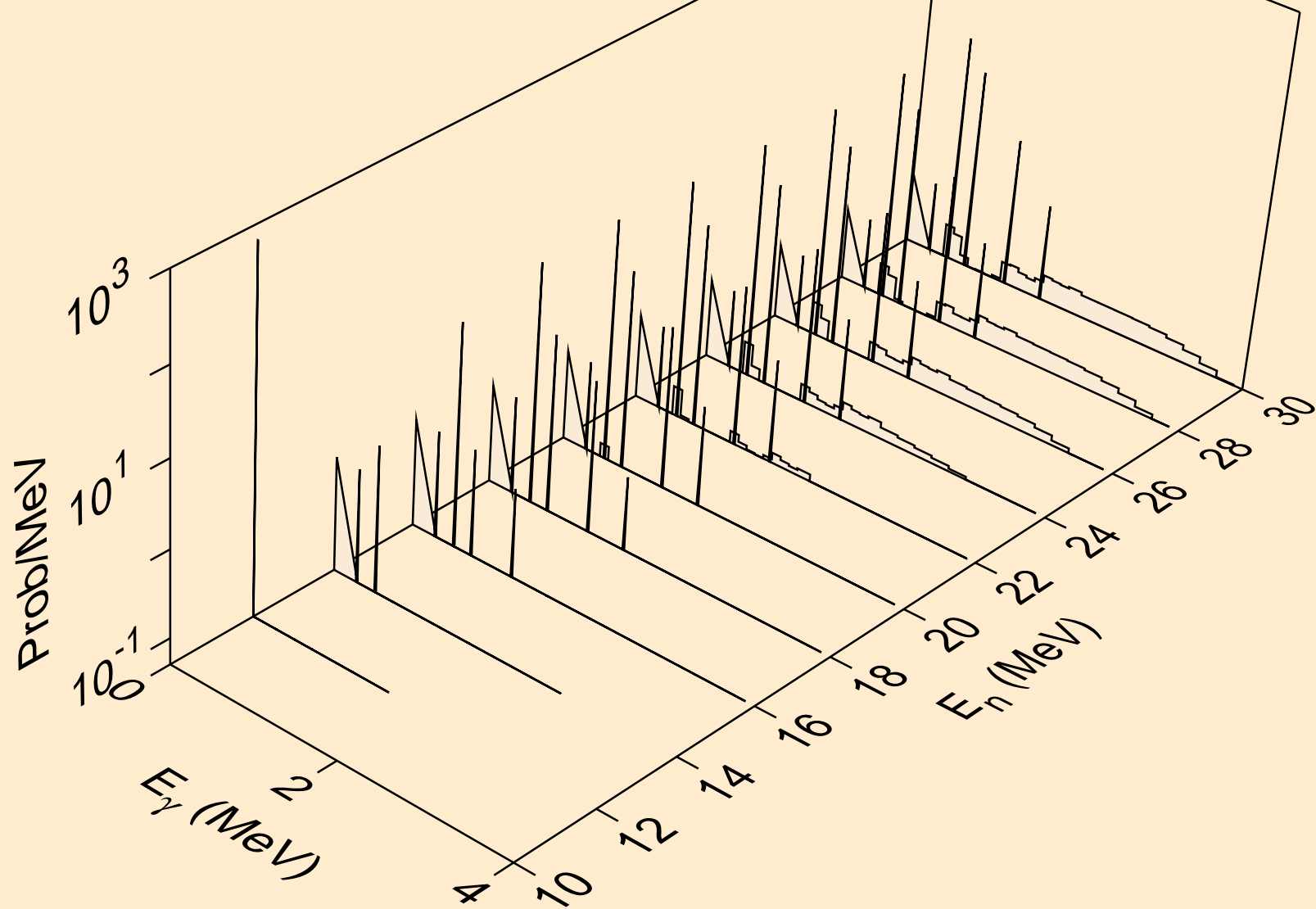
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Photon emission for (n,n\*)p



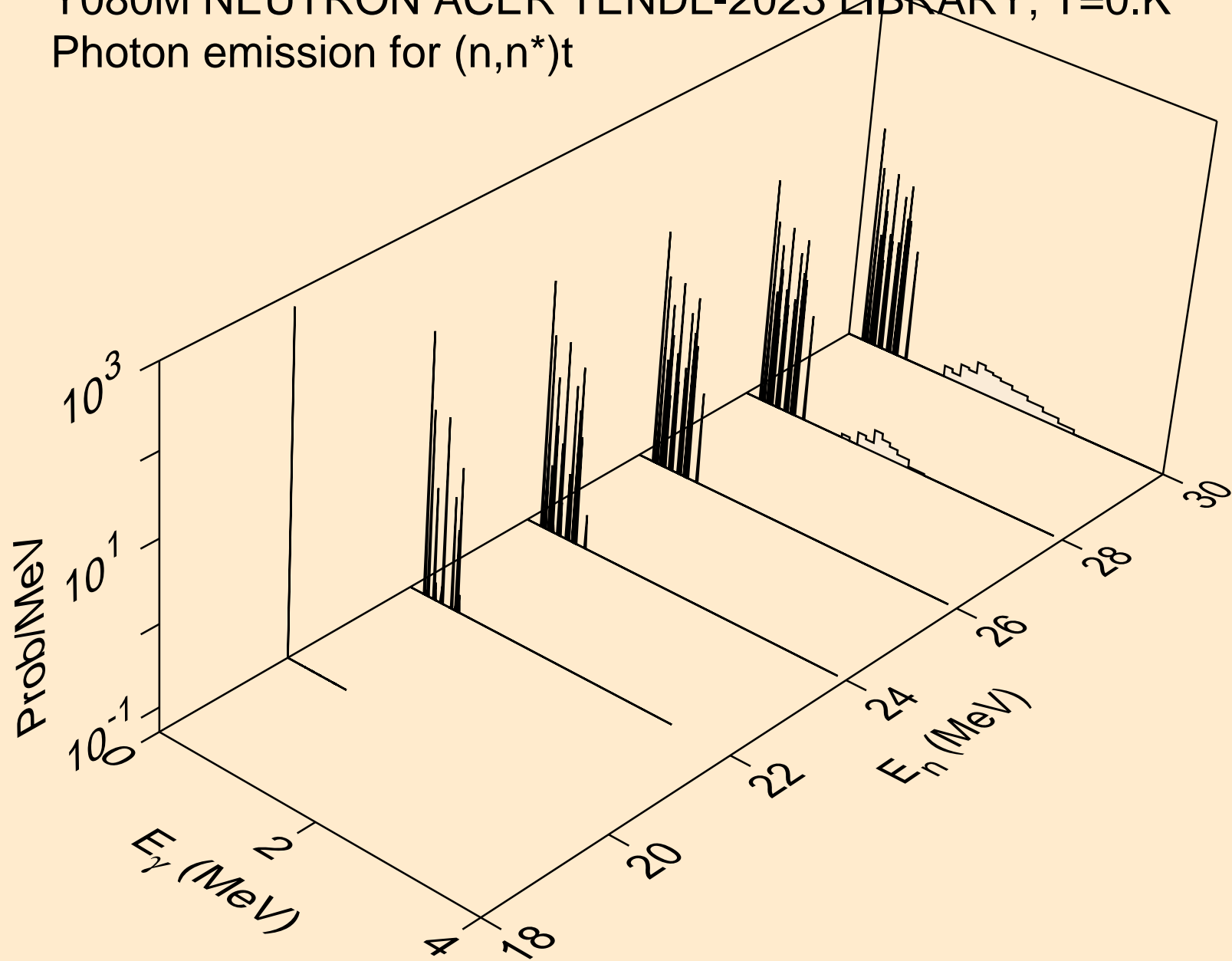
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Photon emission for (n,n\*)2a



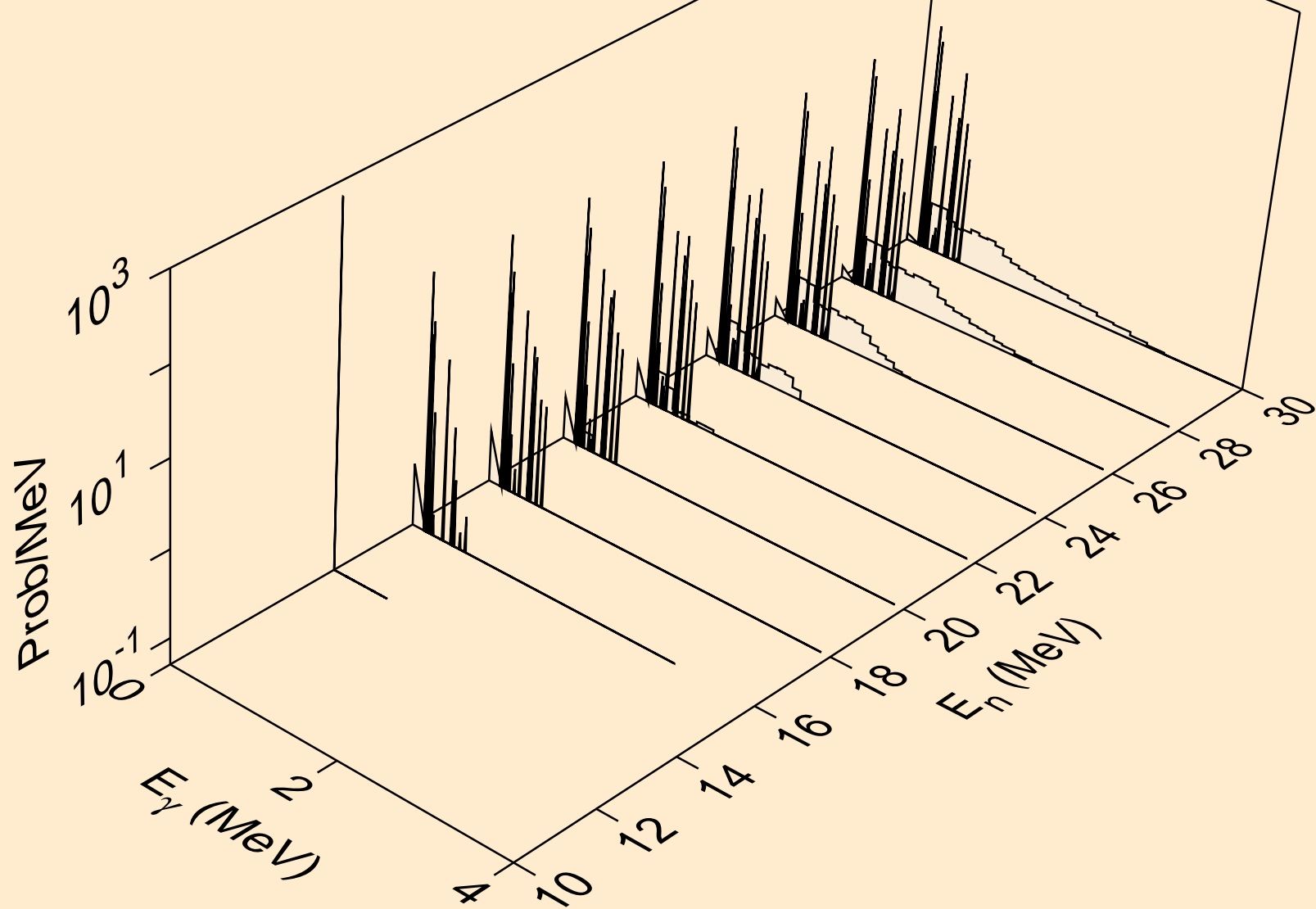
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

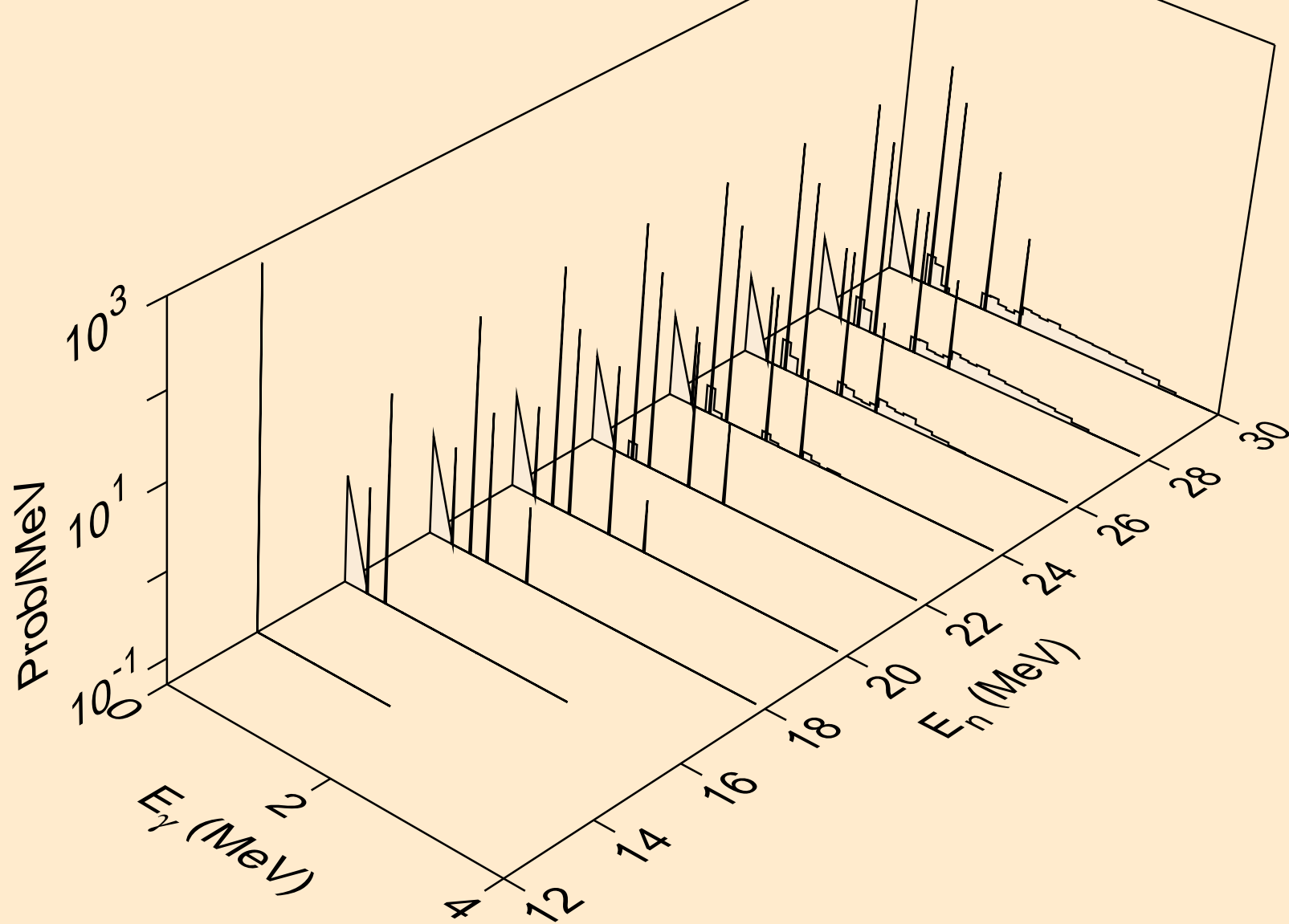


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

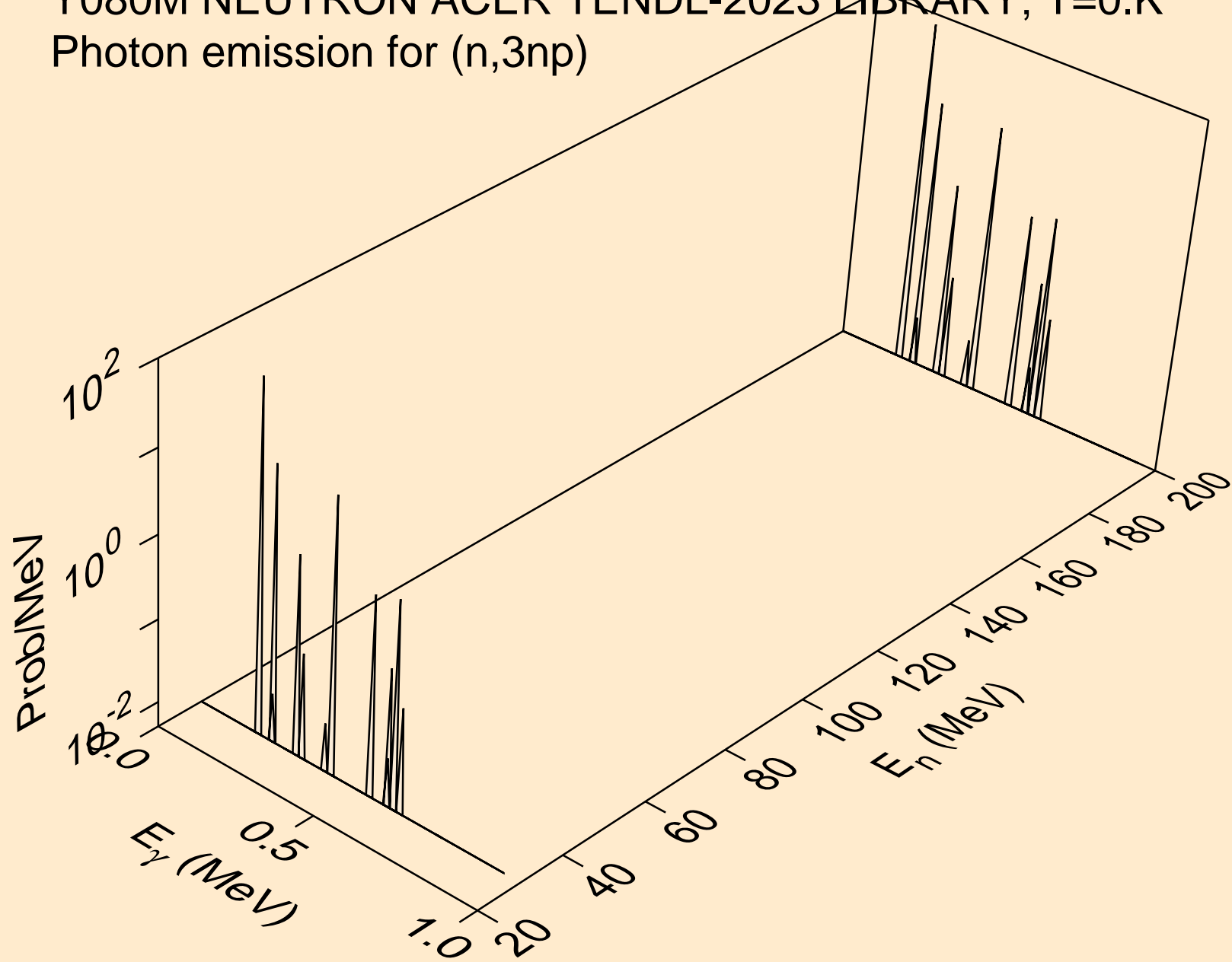




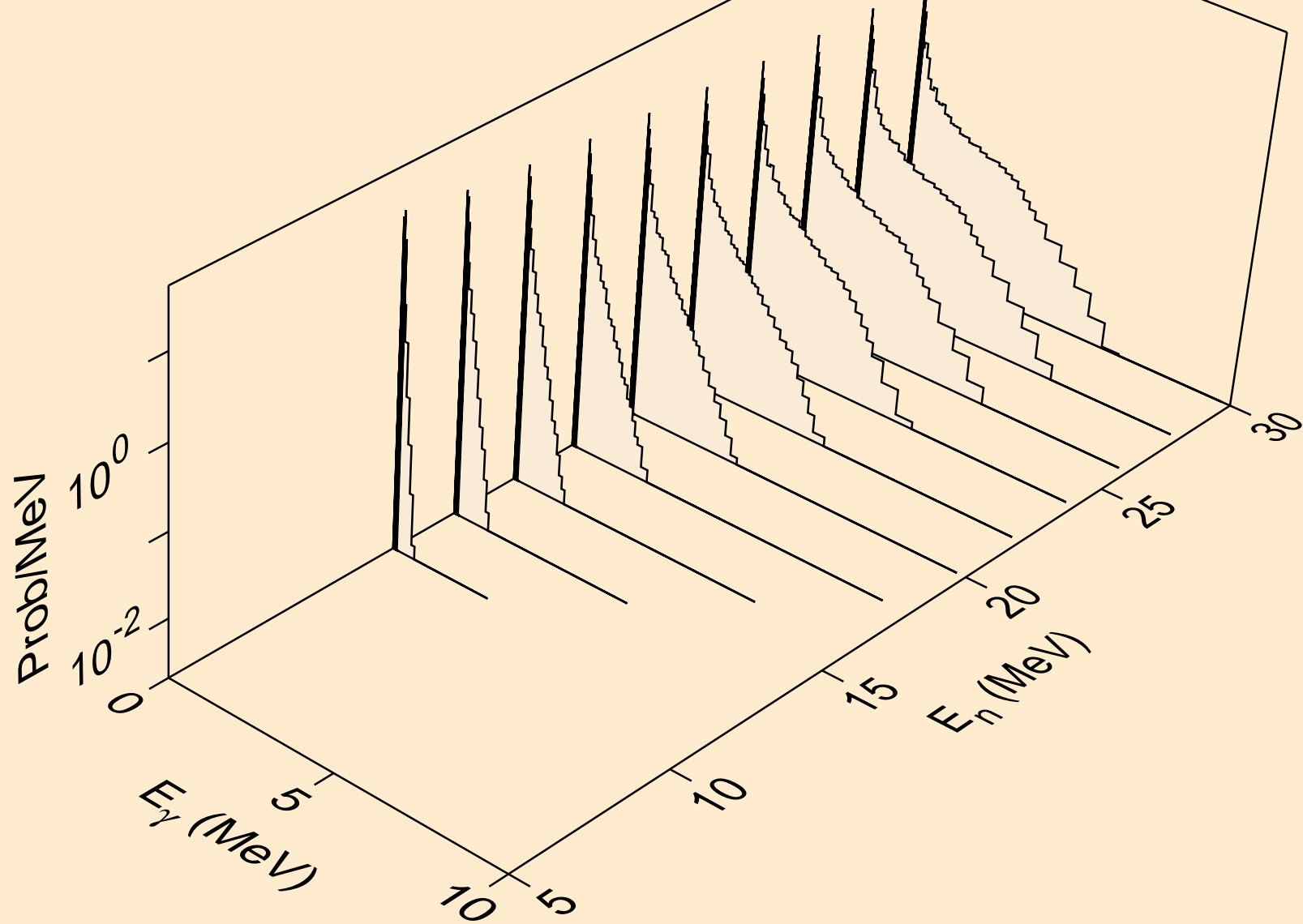
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Photon emission for (n,2np)



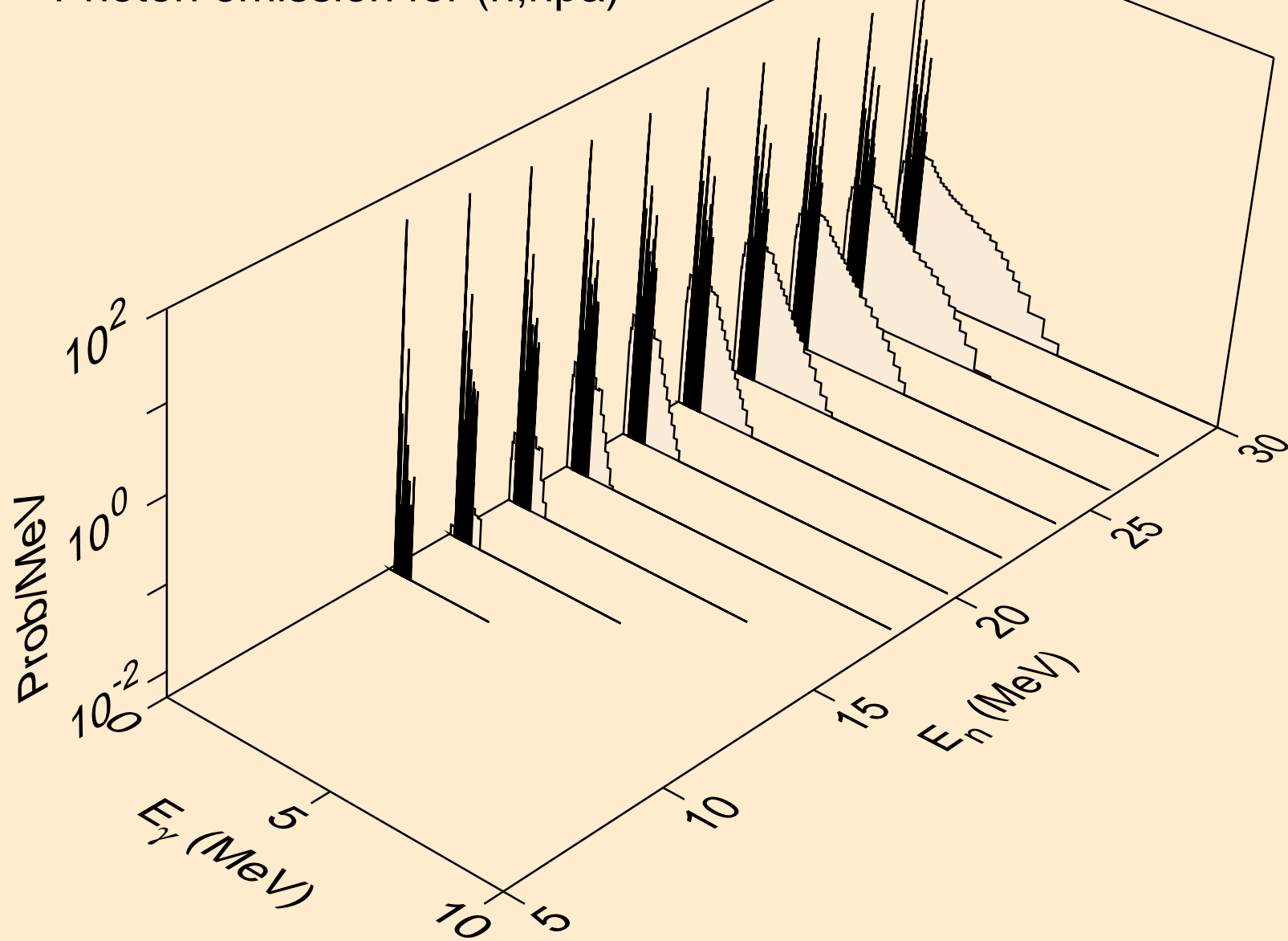
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Photon emission for (n,3np)



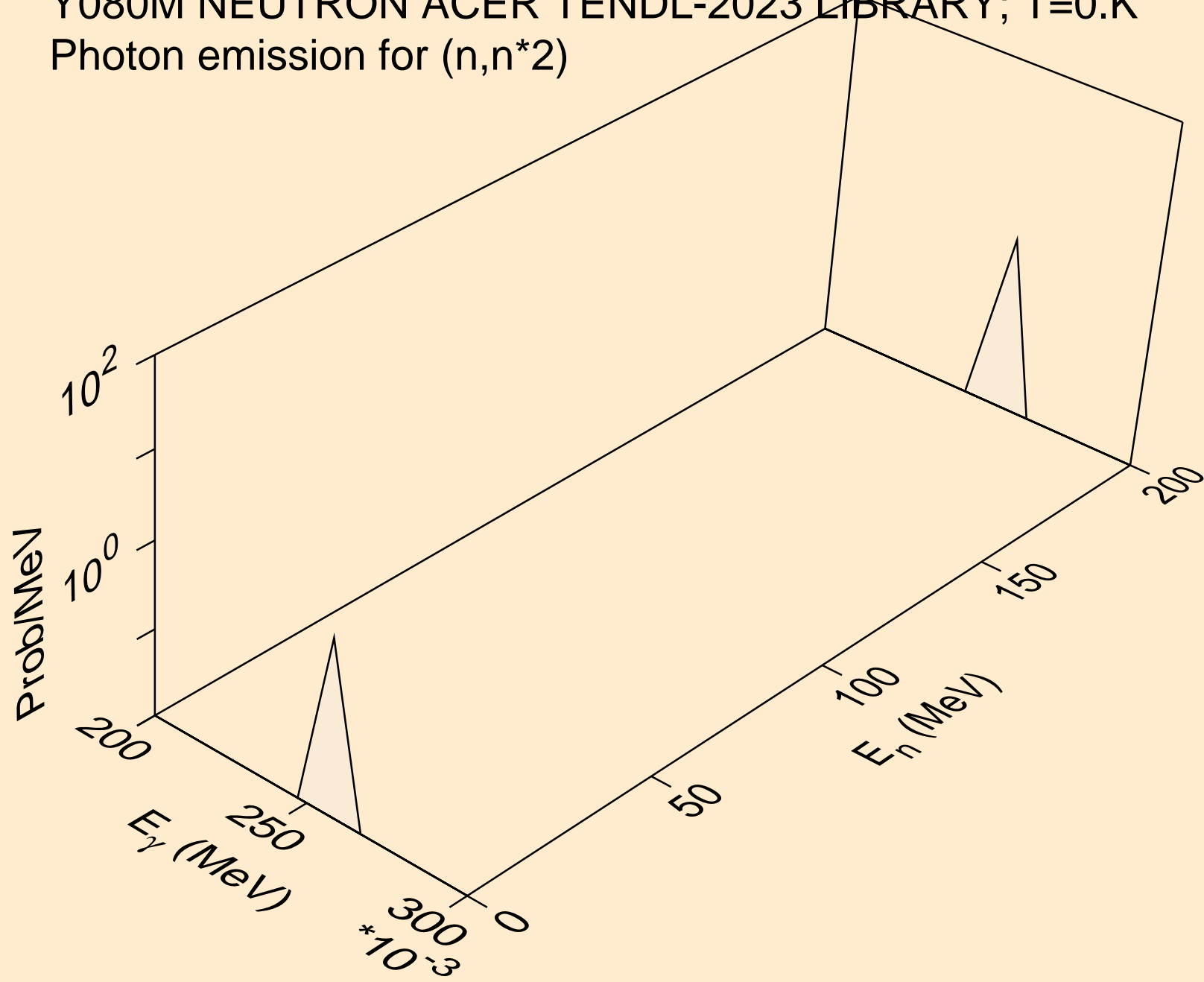
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Photon emission for (n,n2p)



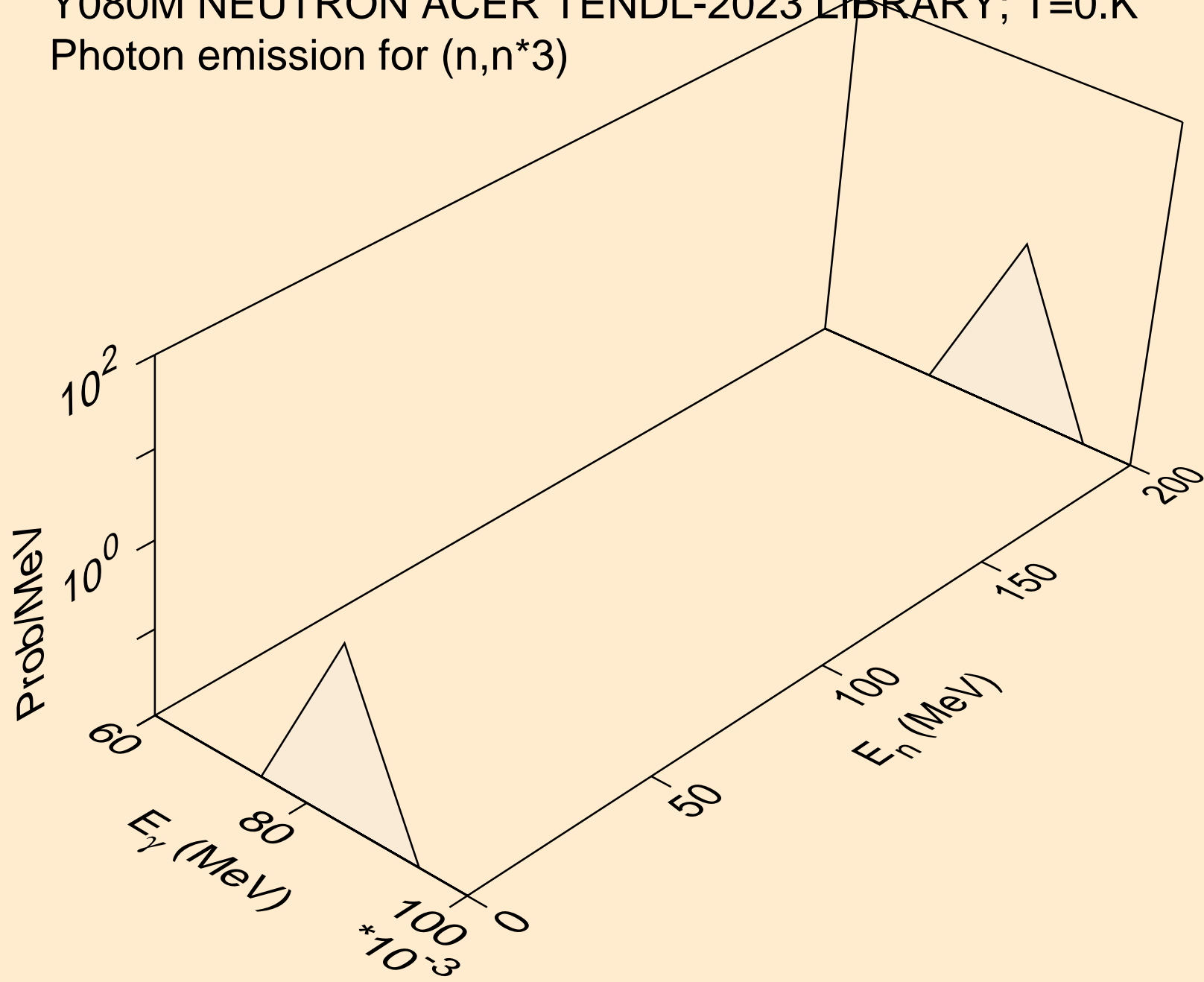
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Photon emission for (n,npa)



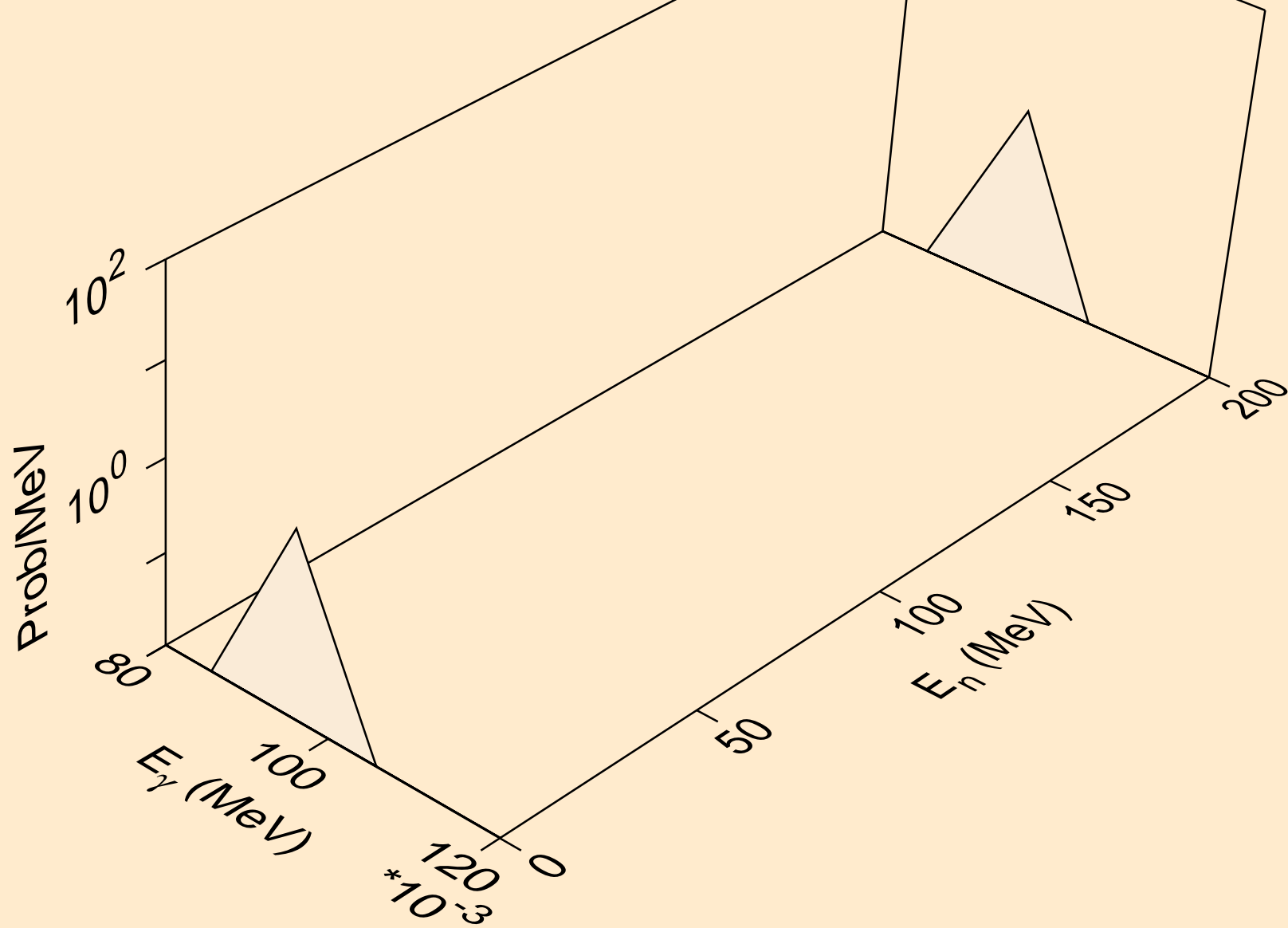
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Photon emission for (n,n\*2)



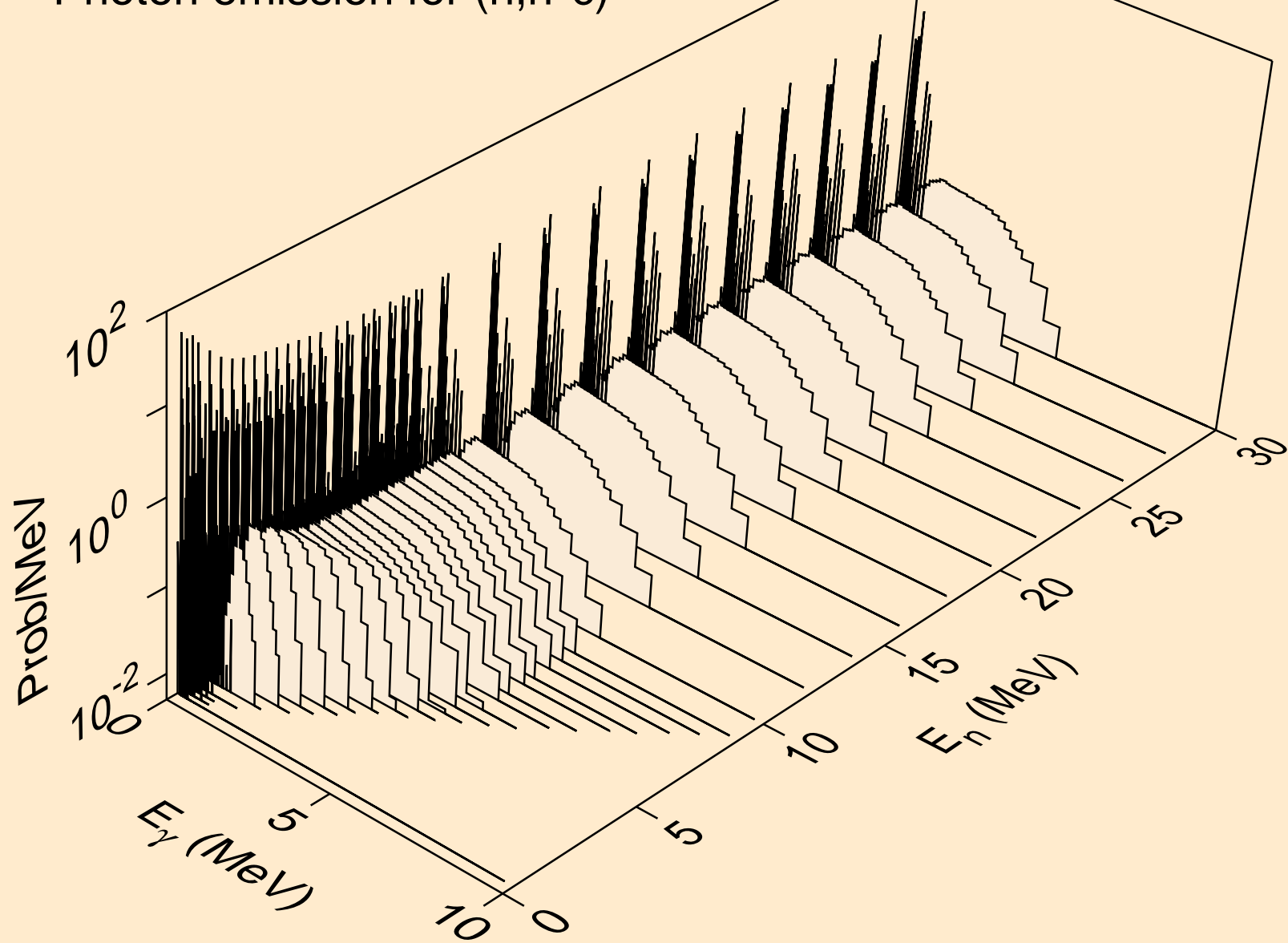
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)

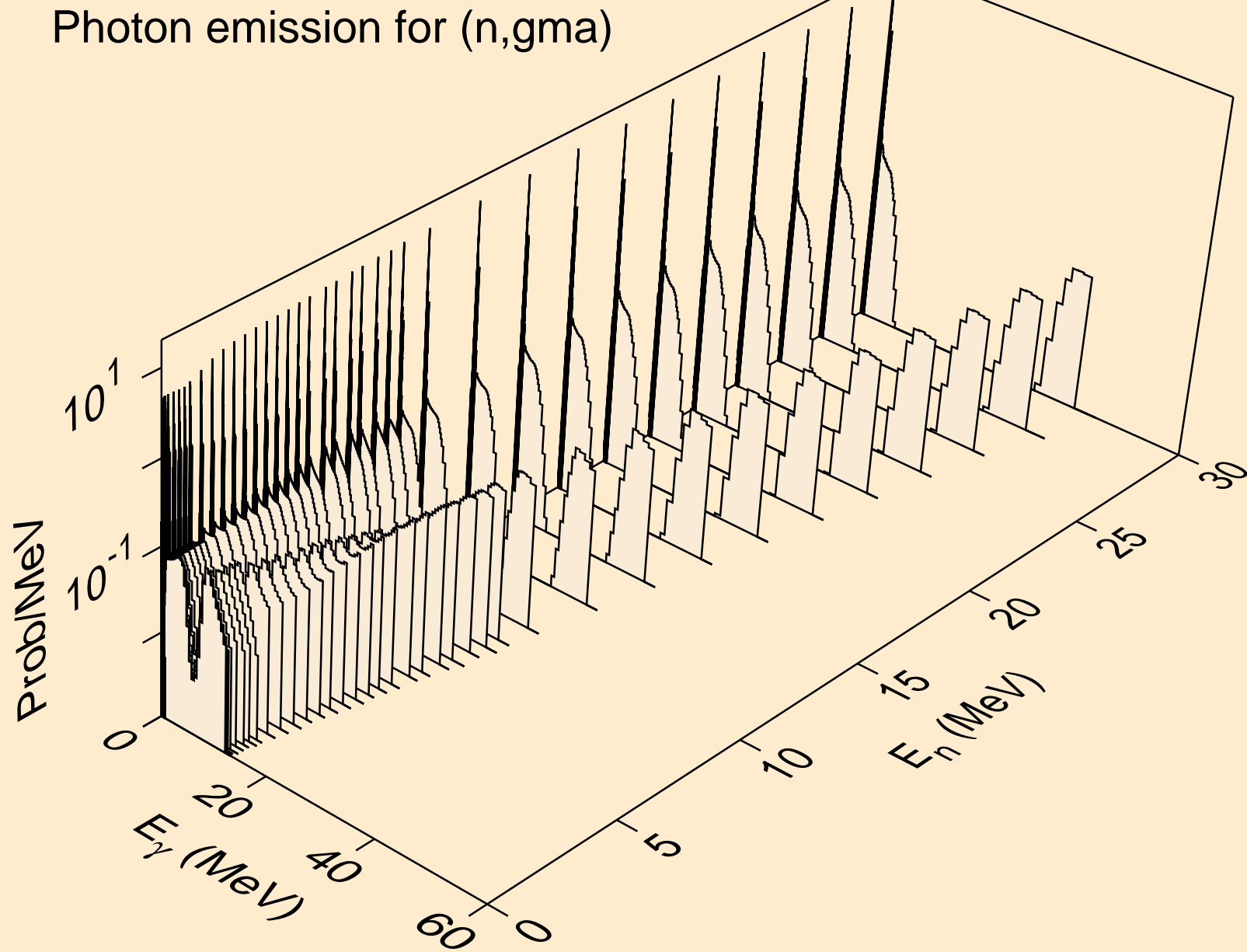


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Photon emission for (n,n\*c)

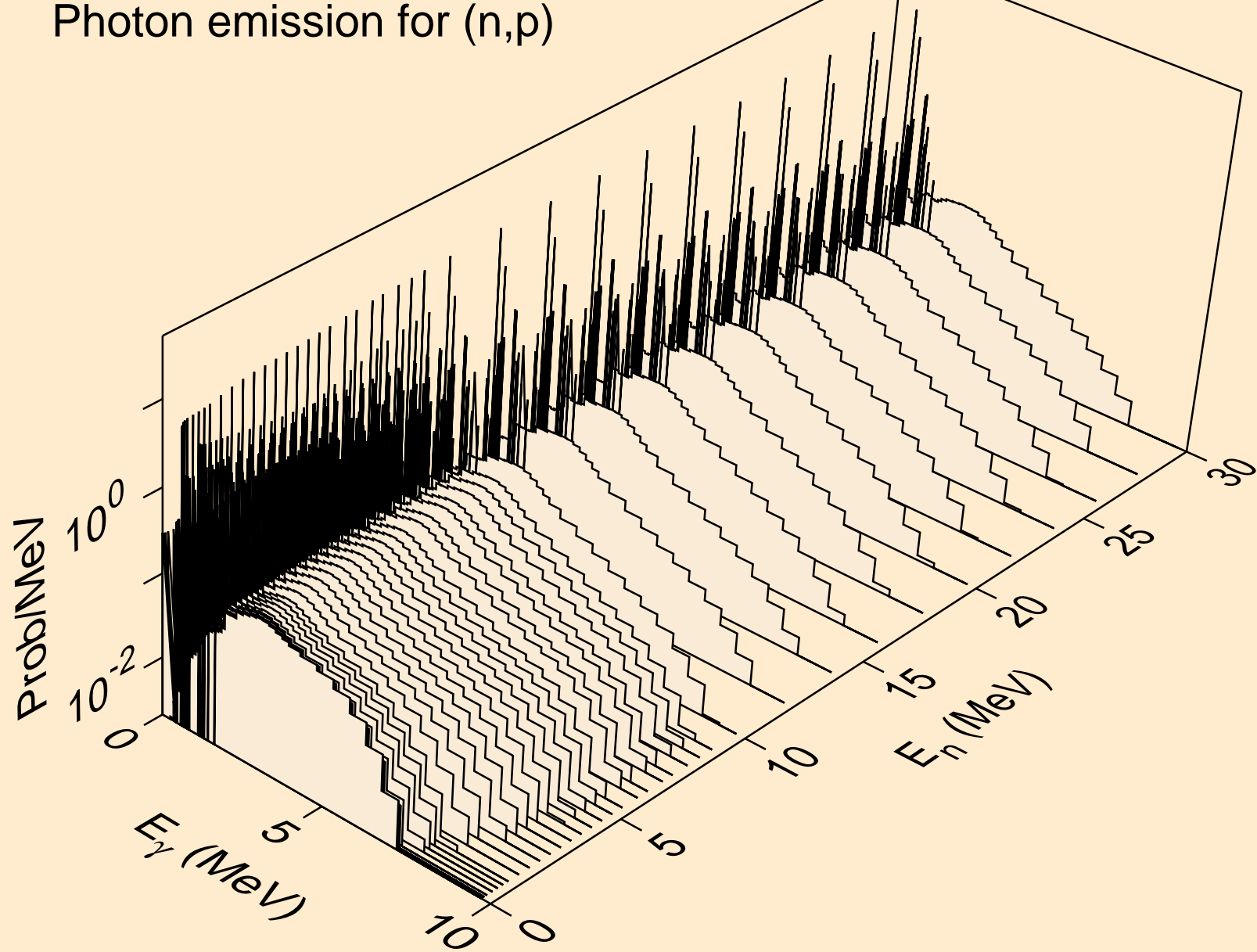




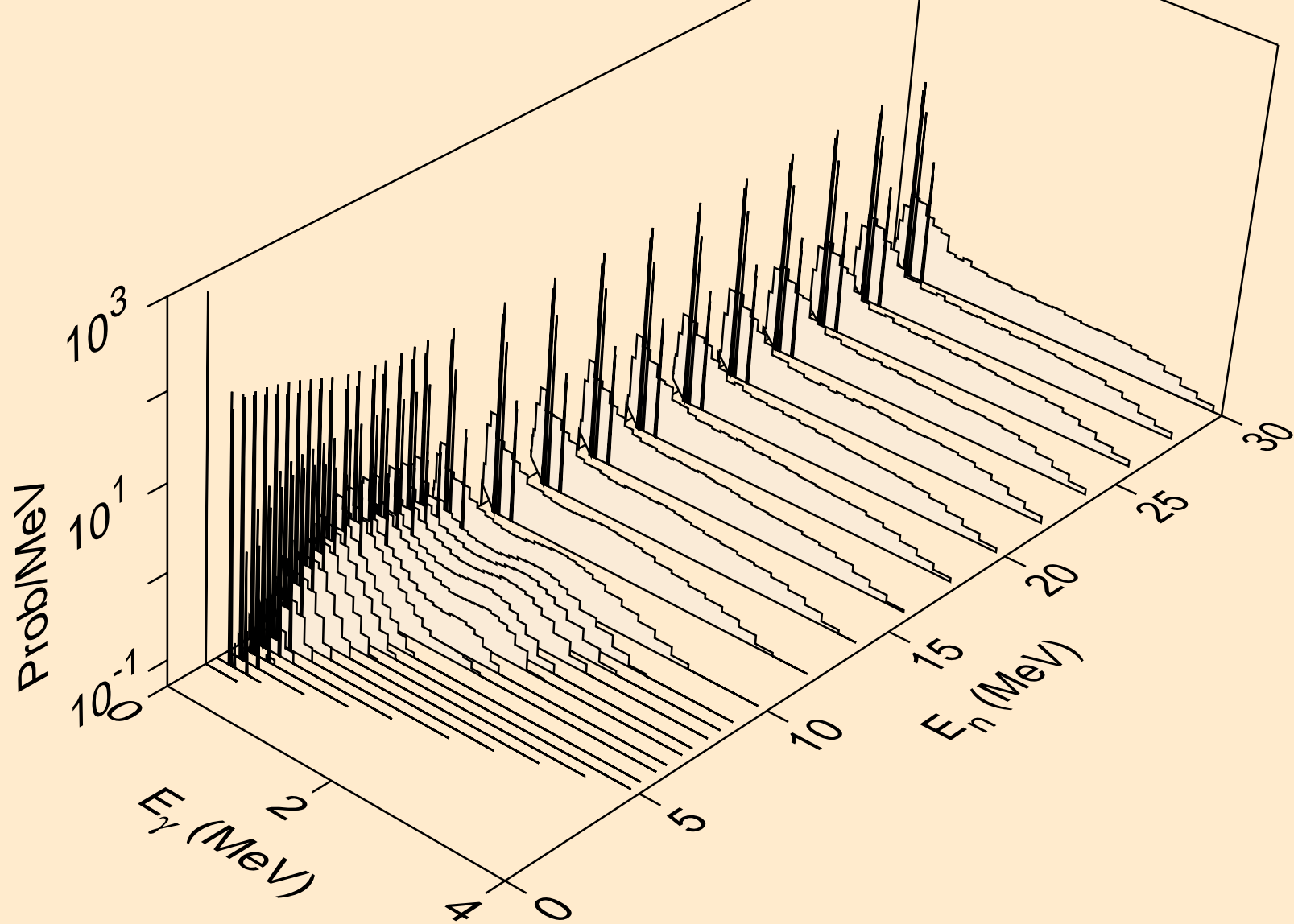
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Photon emission for (n,gma)



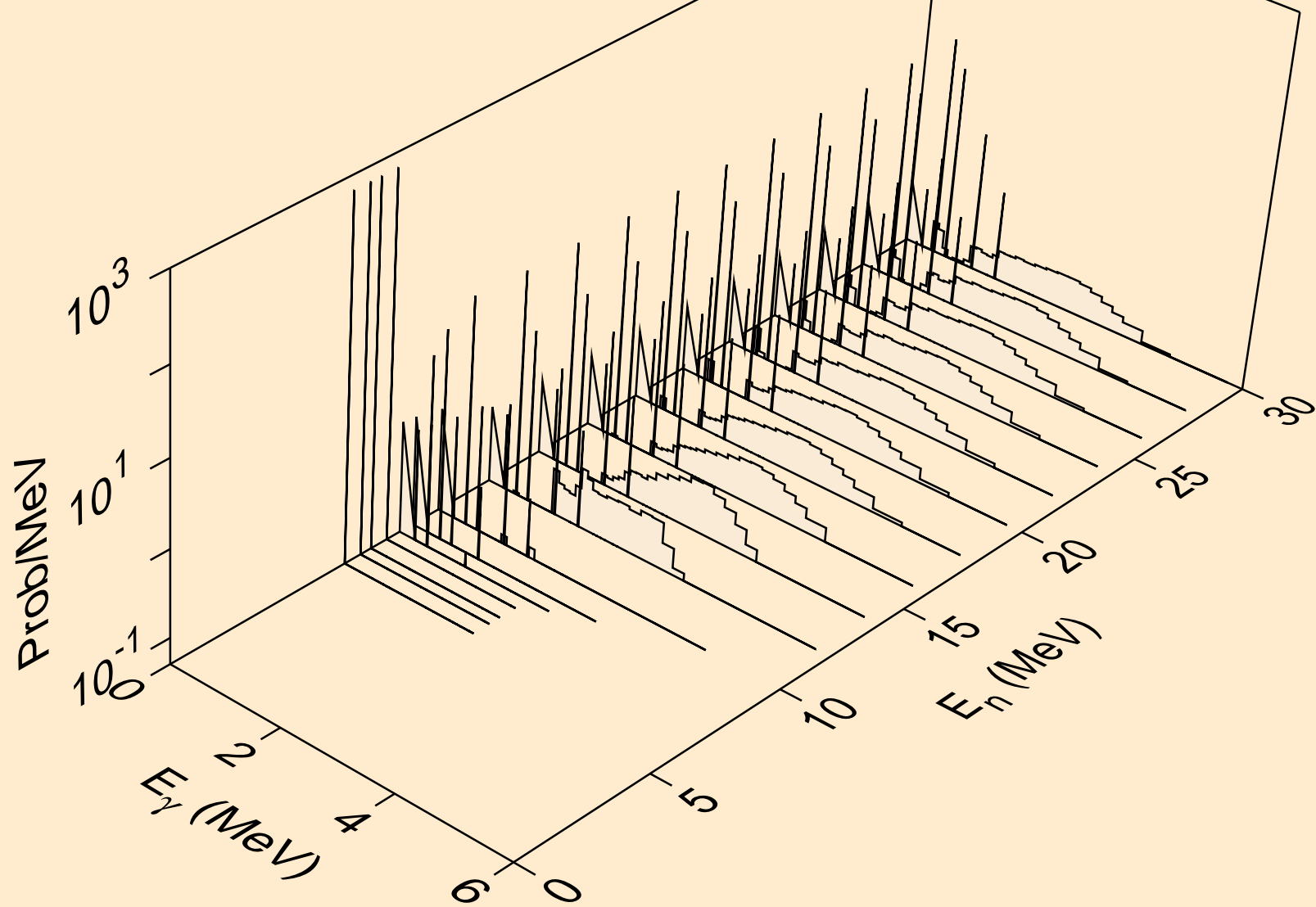
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



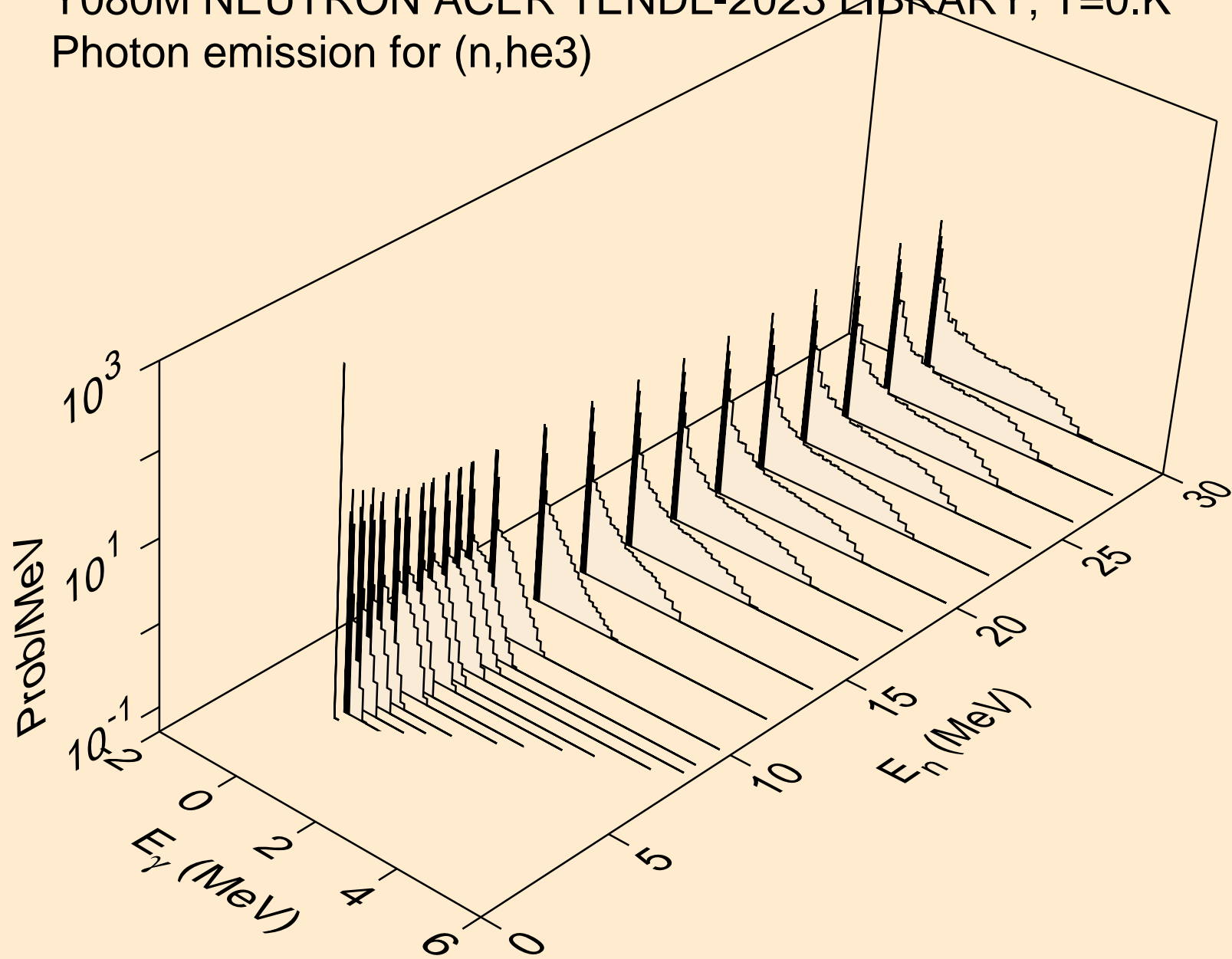
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



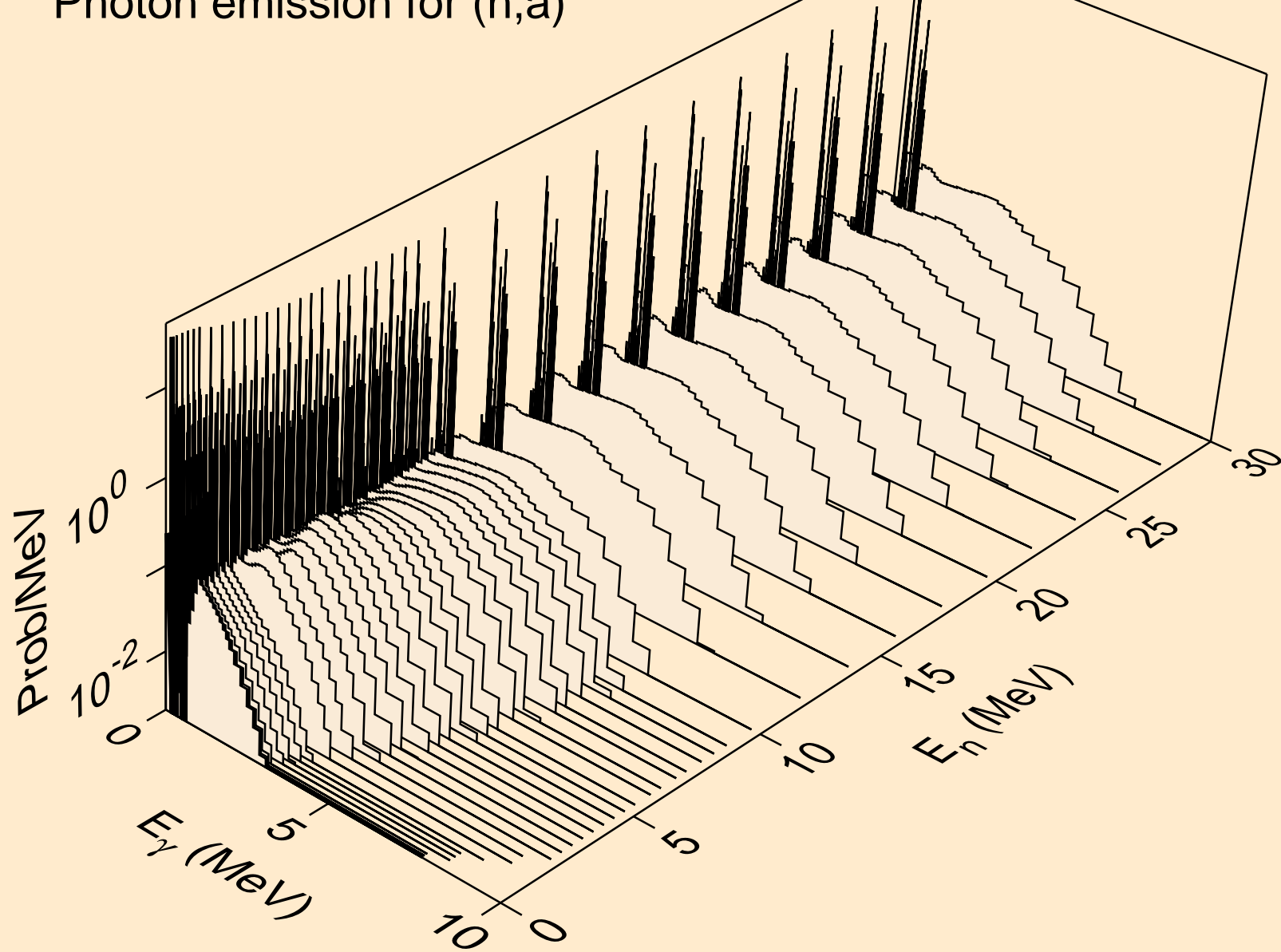
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Photon emission for (n,t)



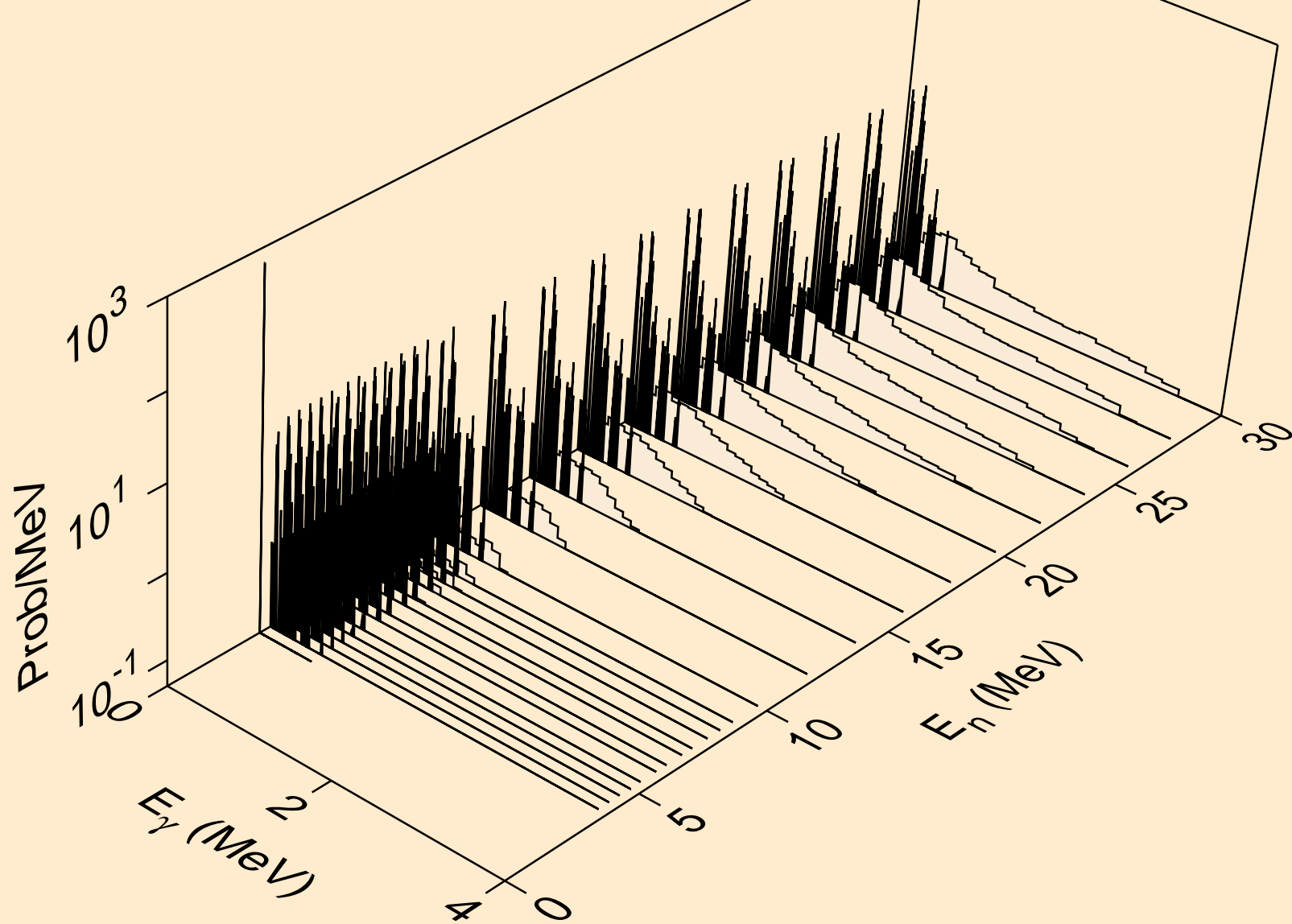
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Photon emission for (n,he3)



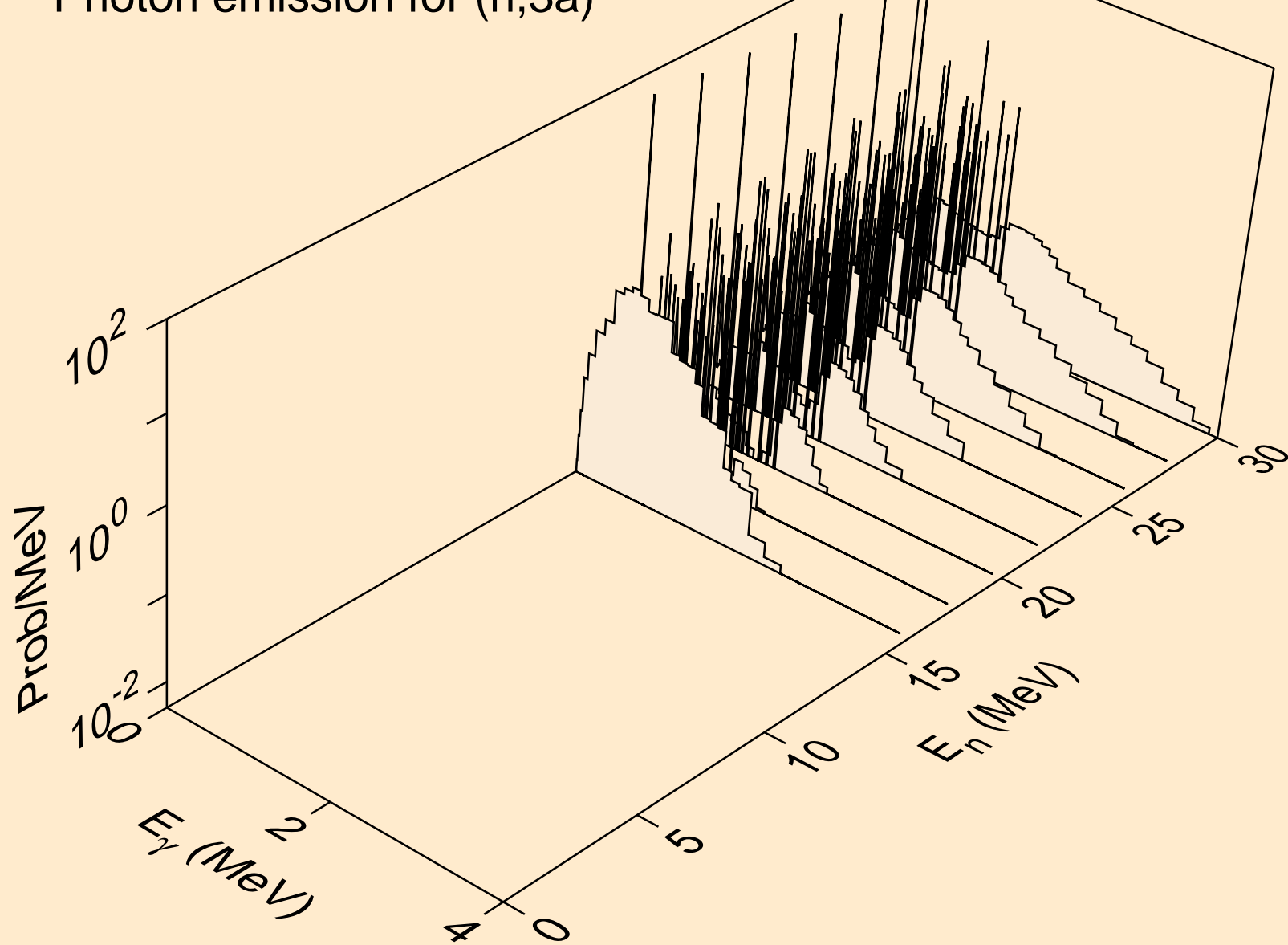
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

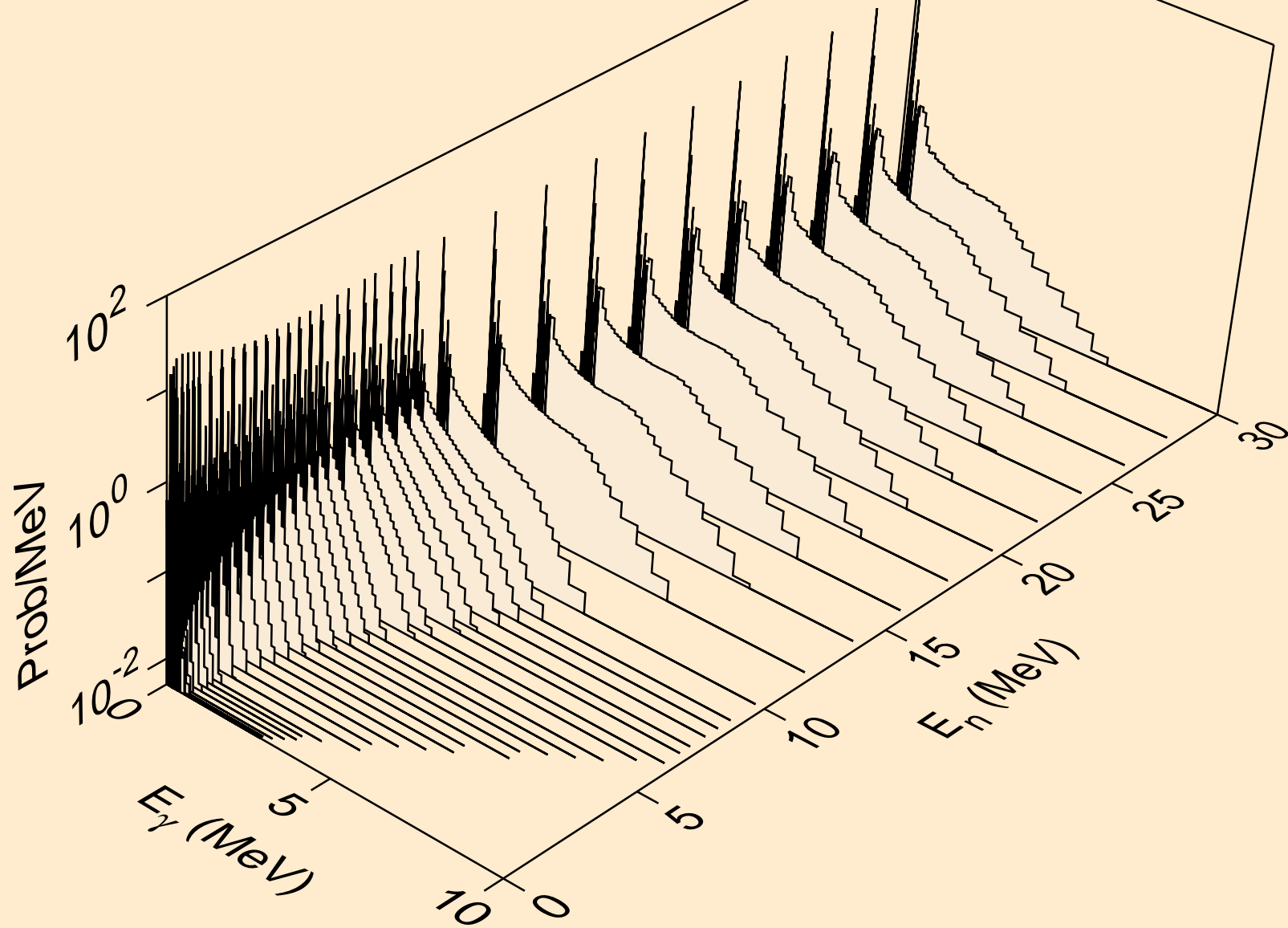


Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

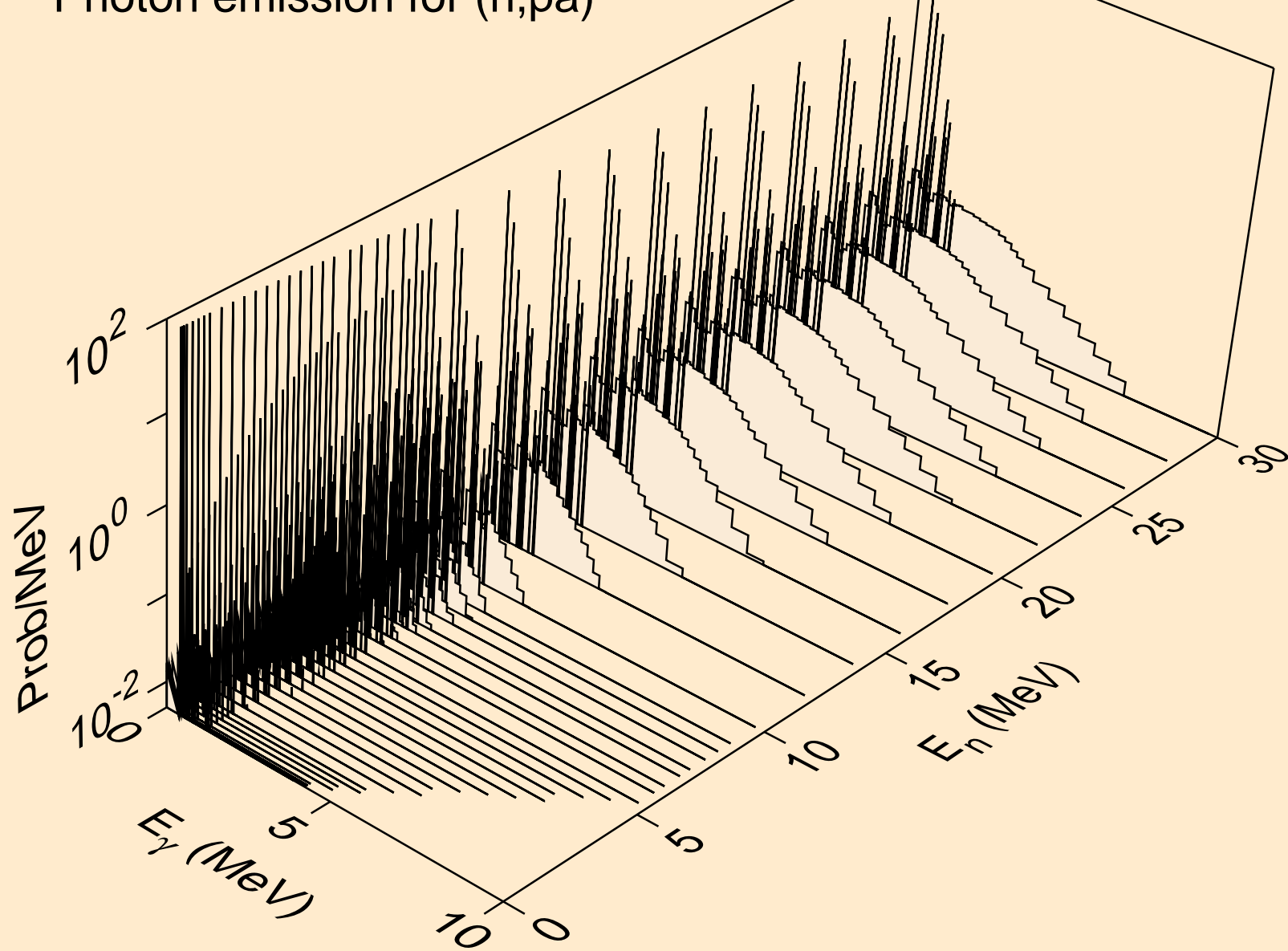




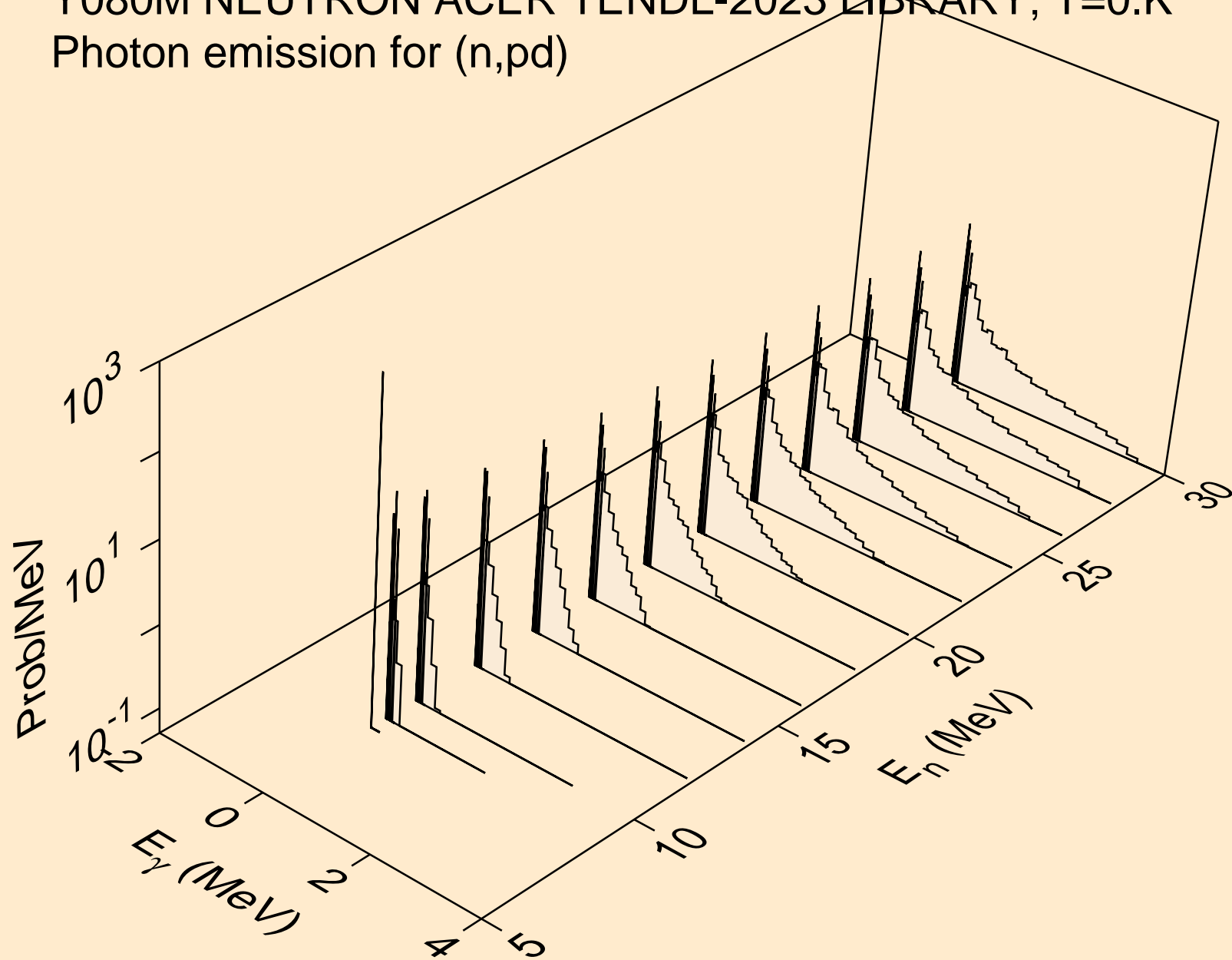
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Photon emission for (n,2p)



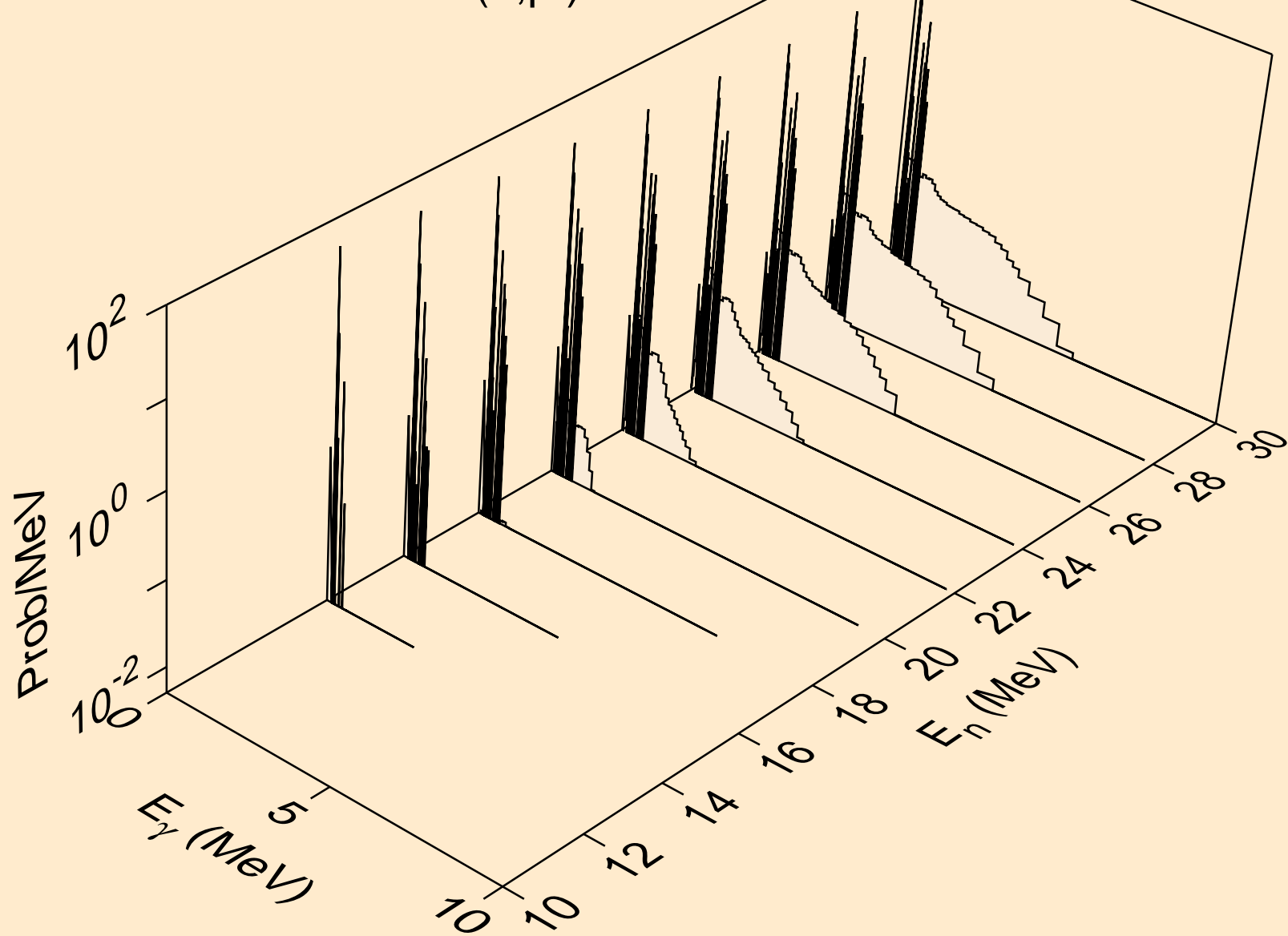
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Photon emission for (n,p $\alpha$ )



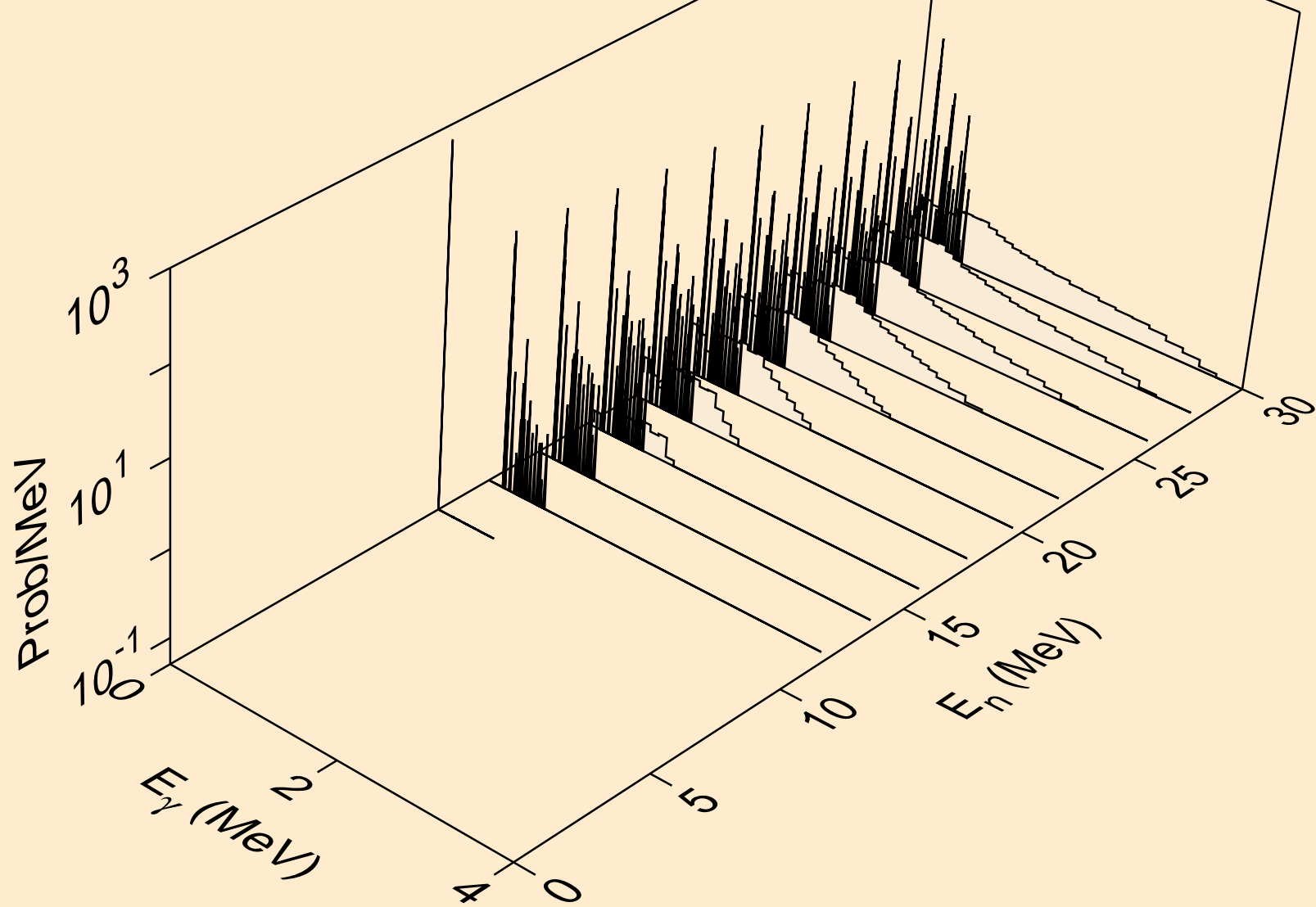
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Photon emission for (n,pd)



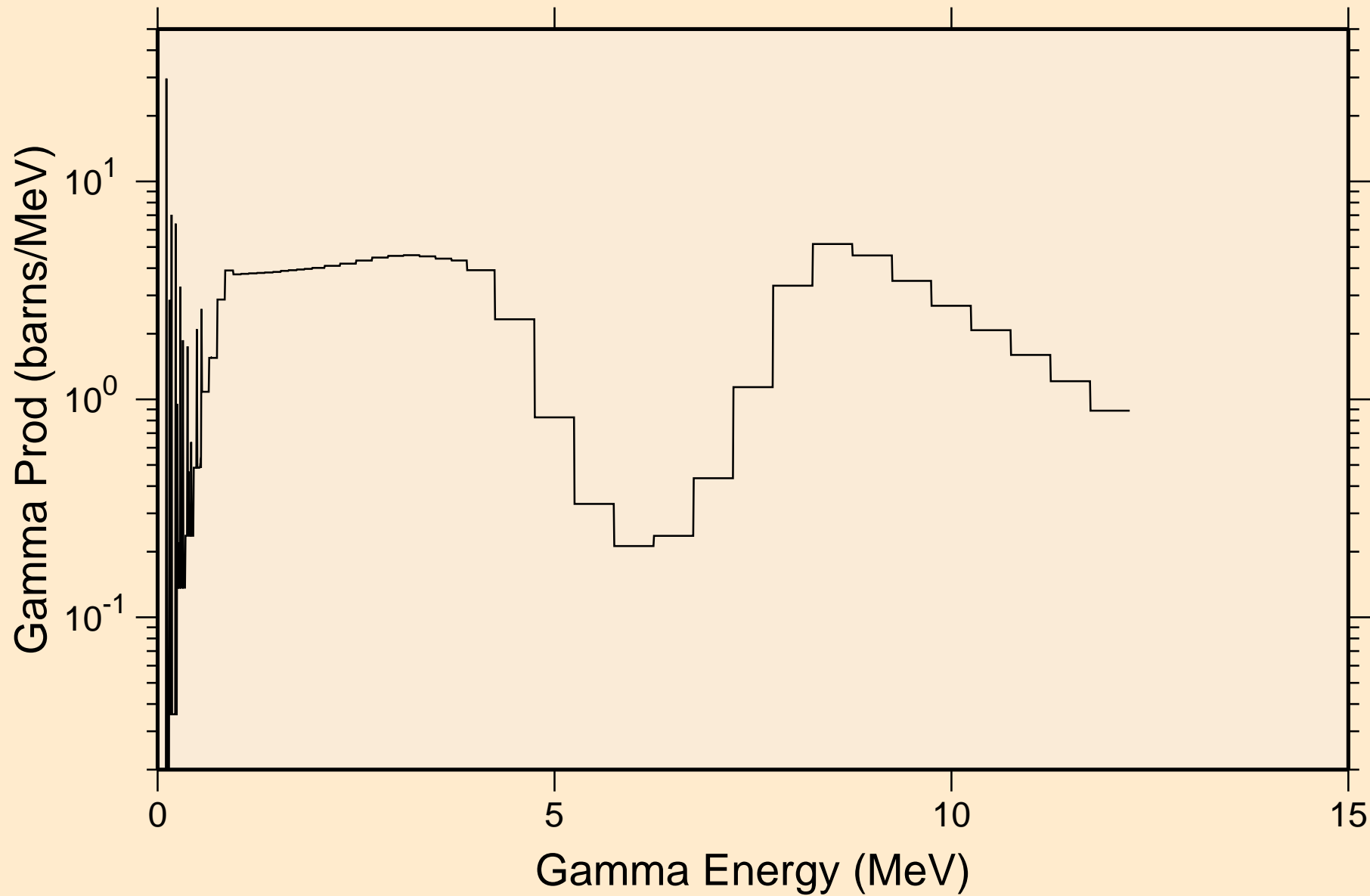
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



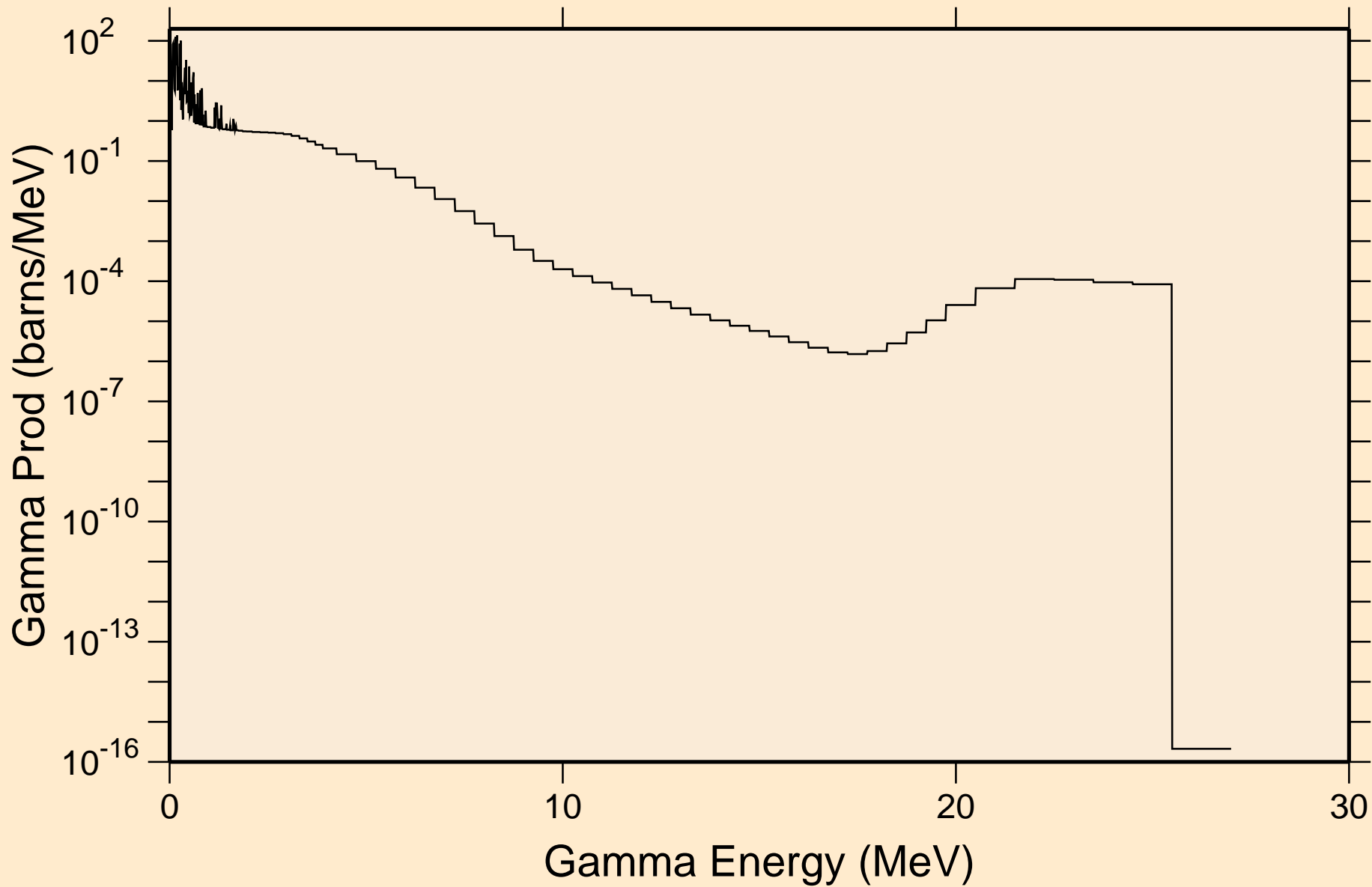
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Photon emission for (n,da)



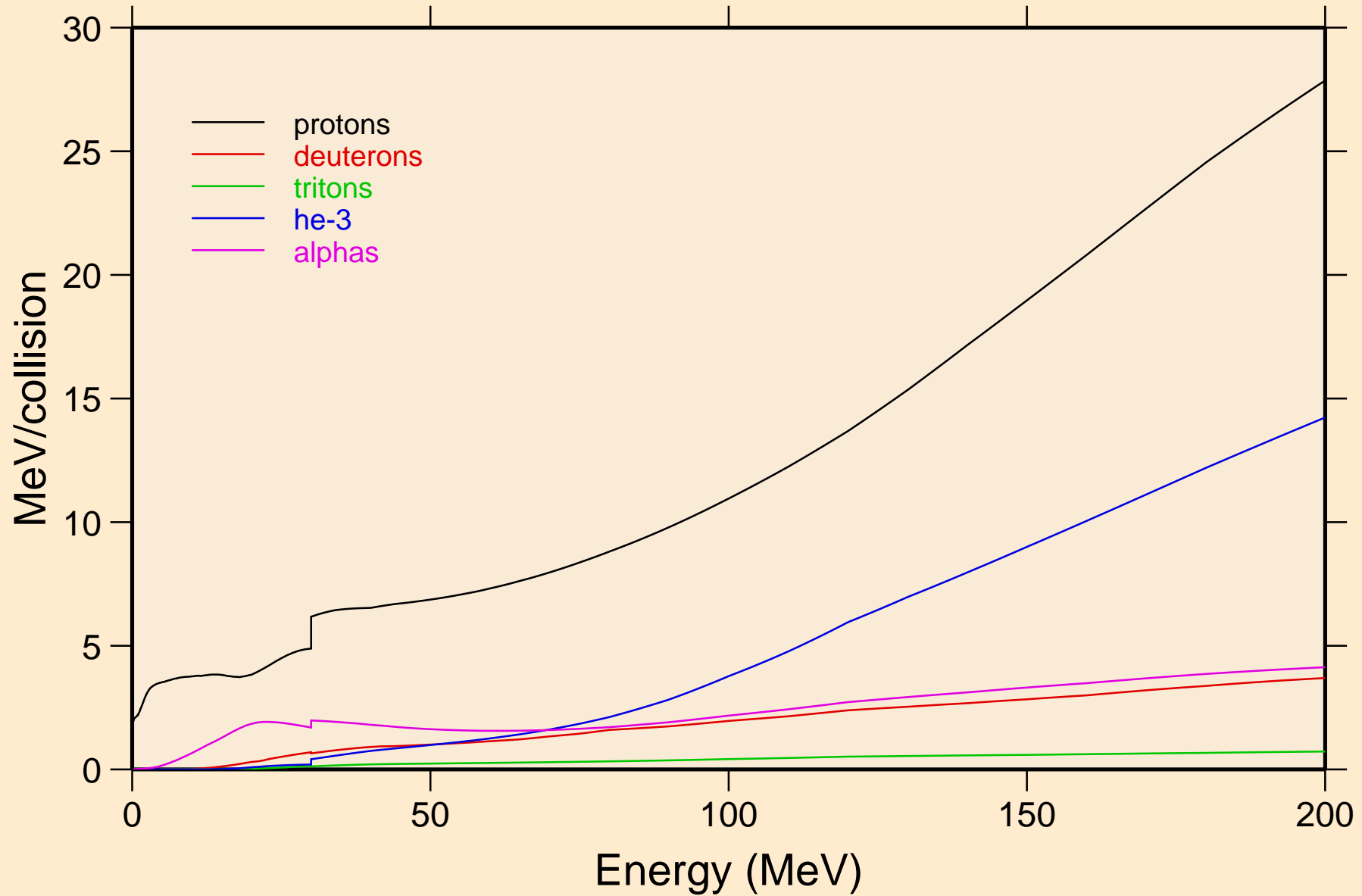
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



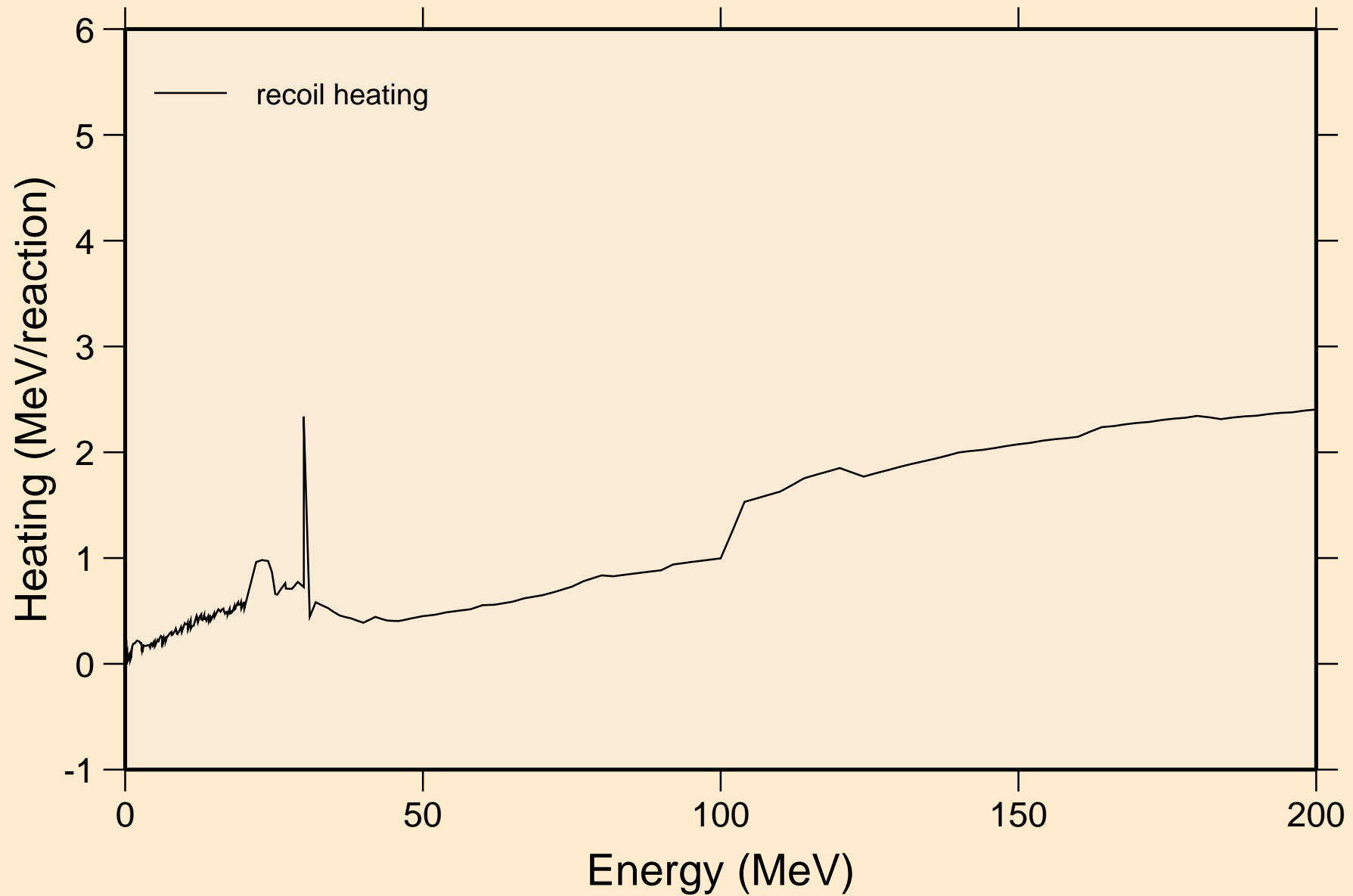
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Particle heating contributions





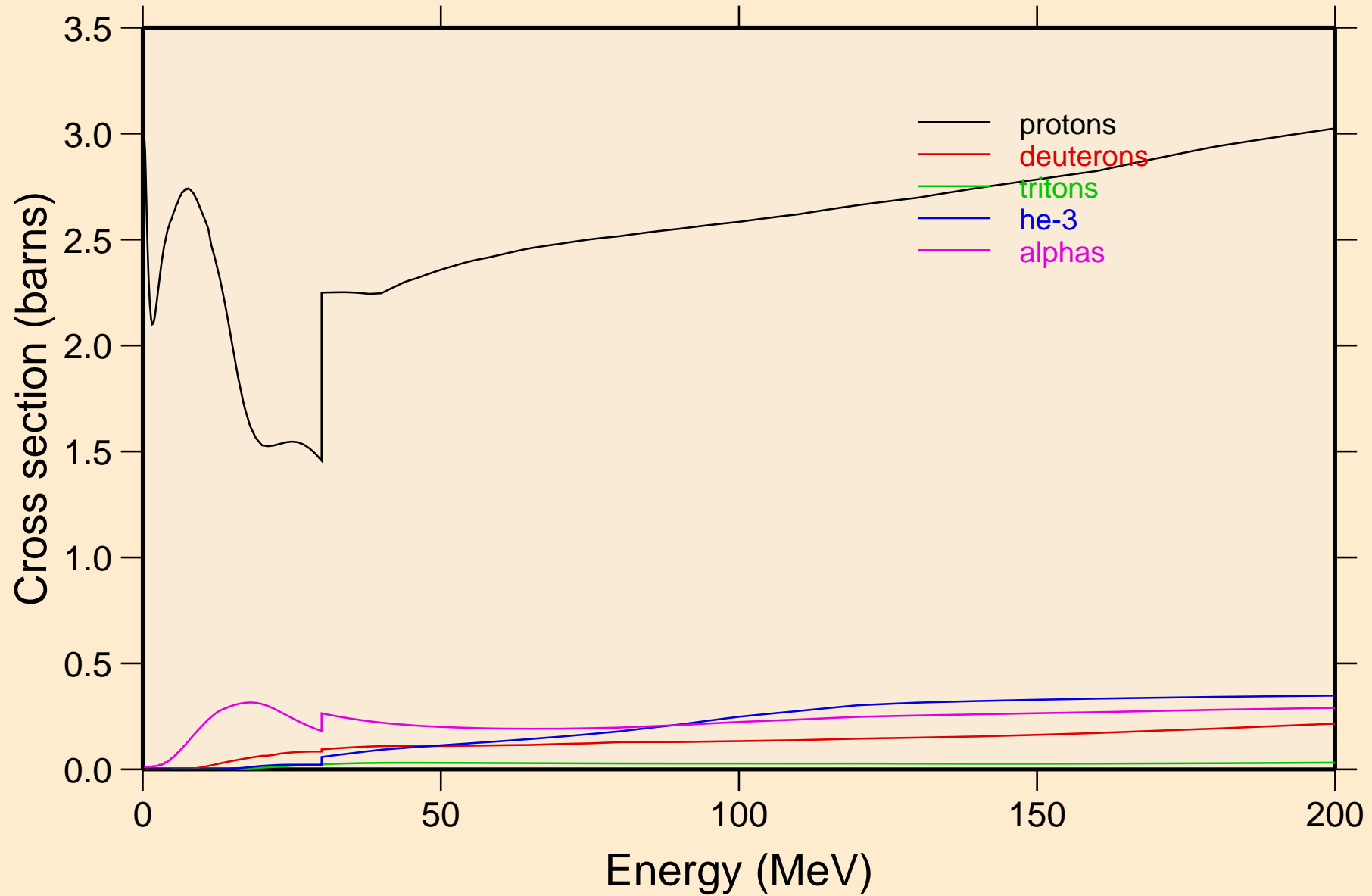
# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

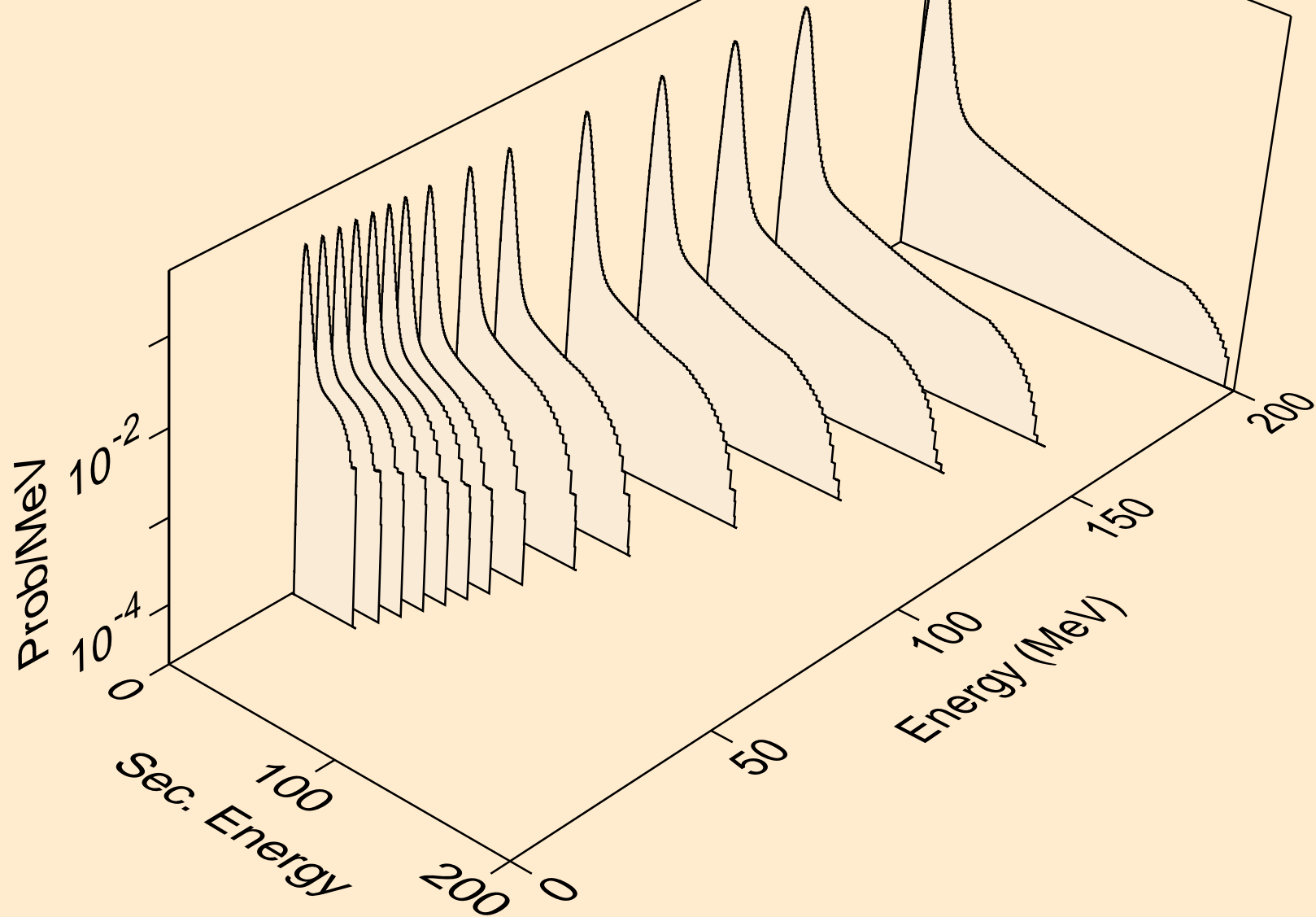


# Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

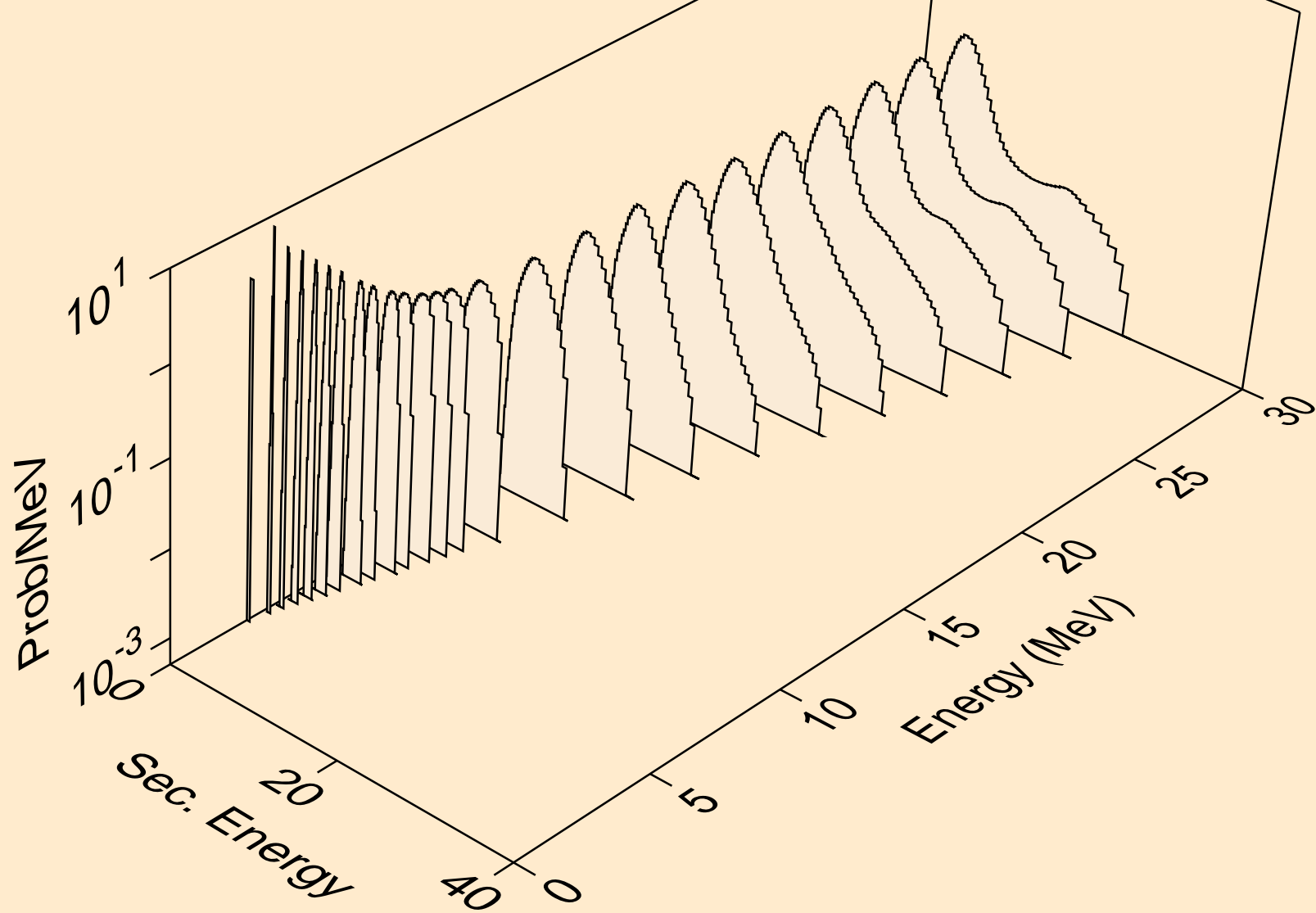
## Particle production cross sections



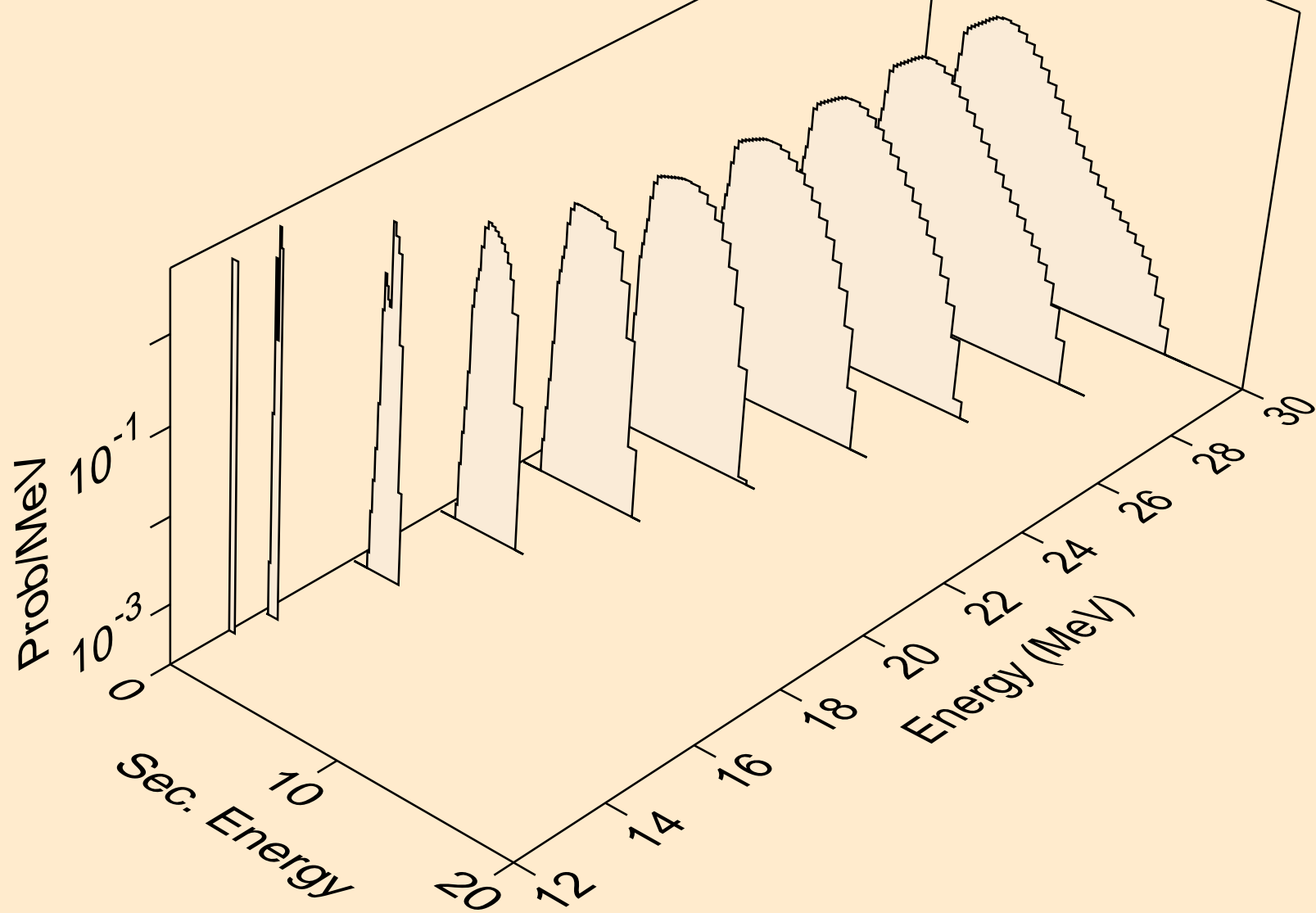
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protons from (n,x)



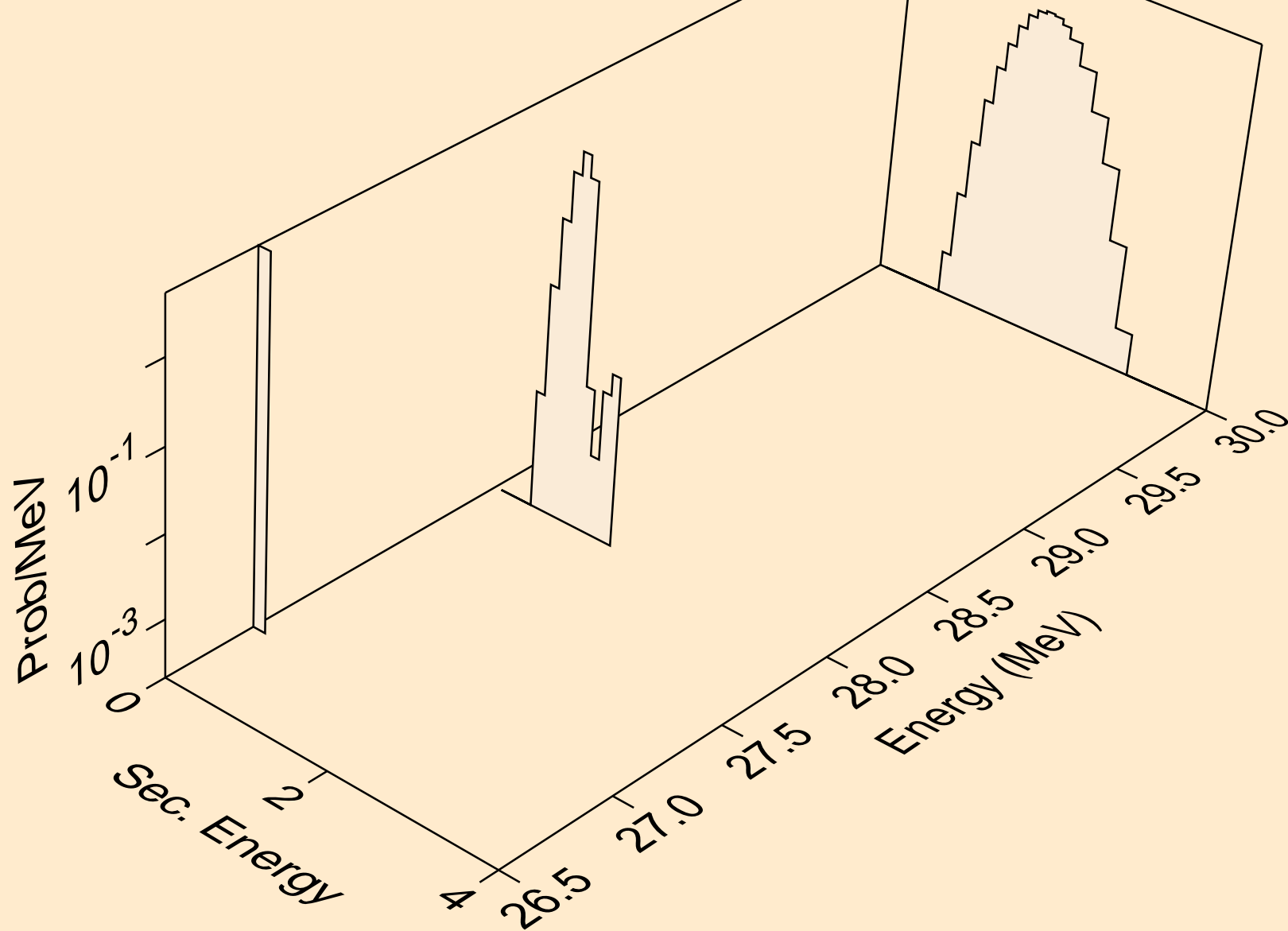
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



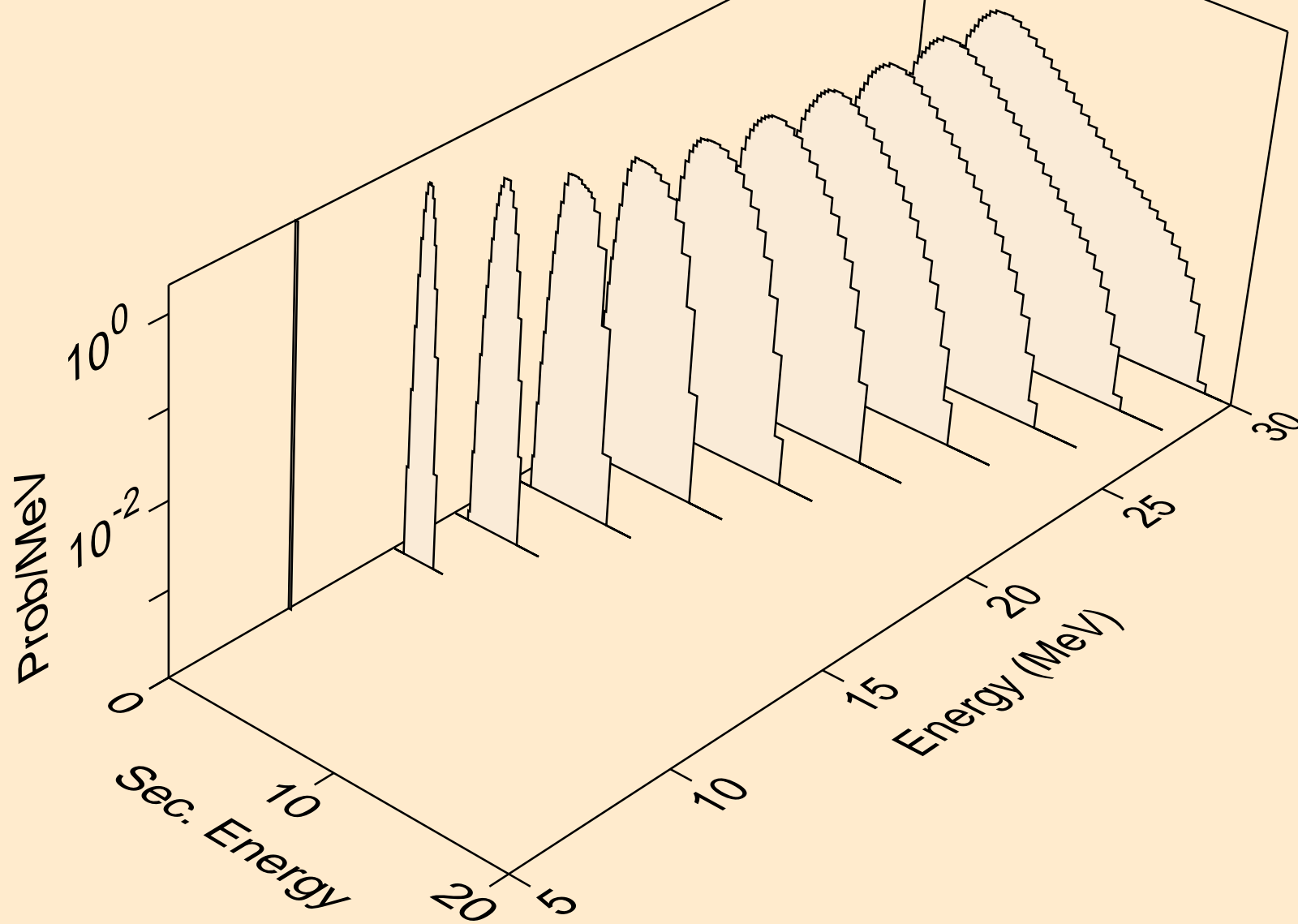
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protons from (n,2np)



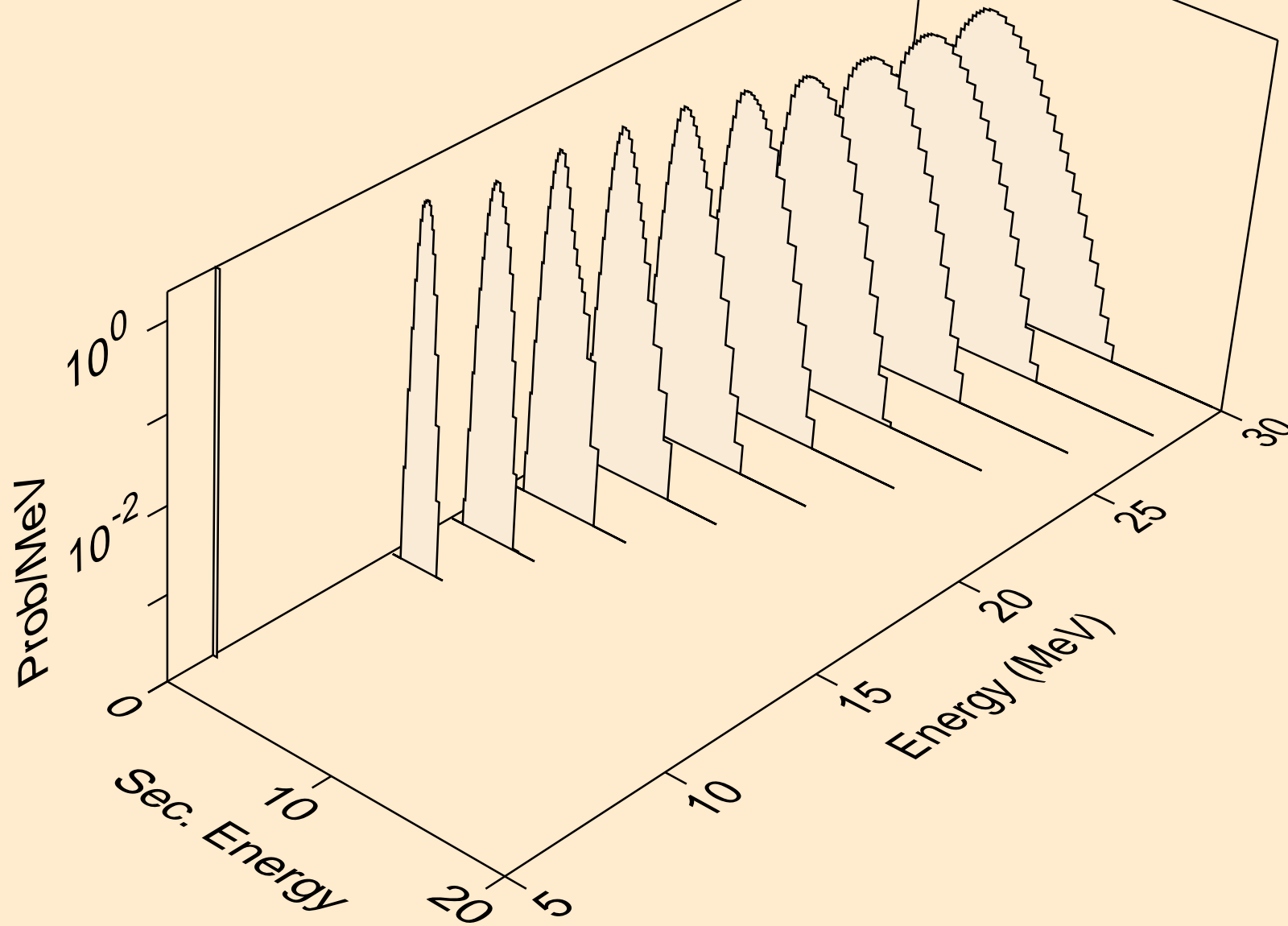
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

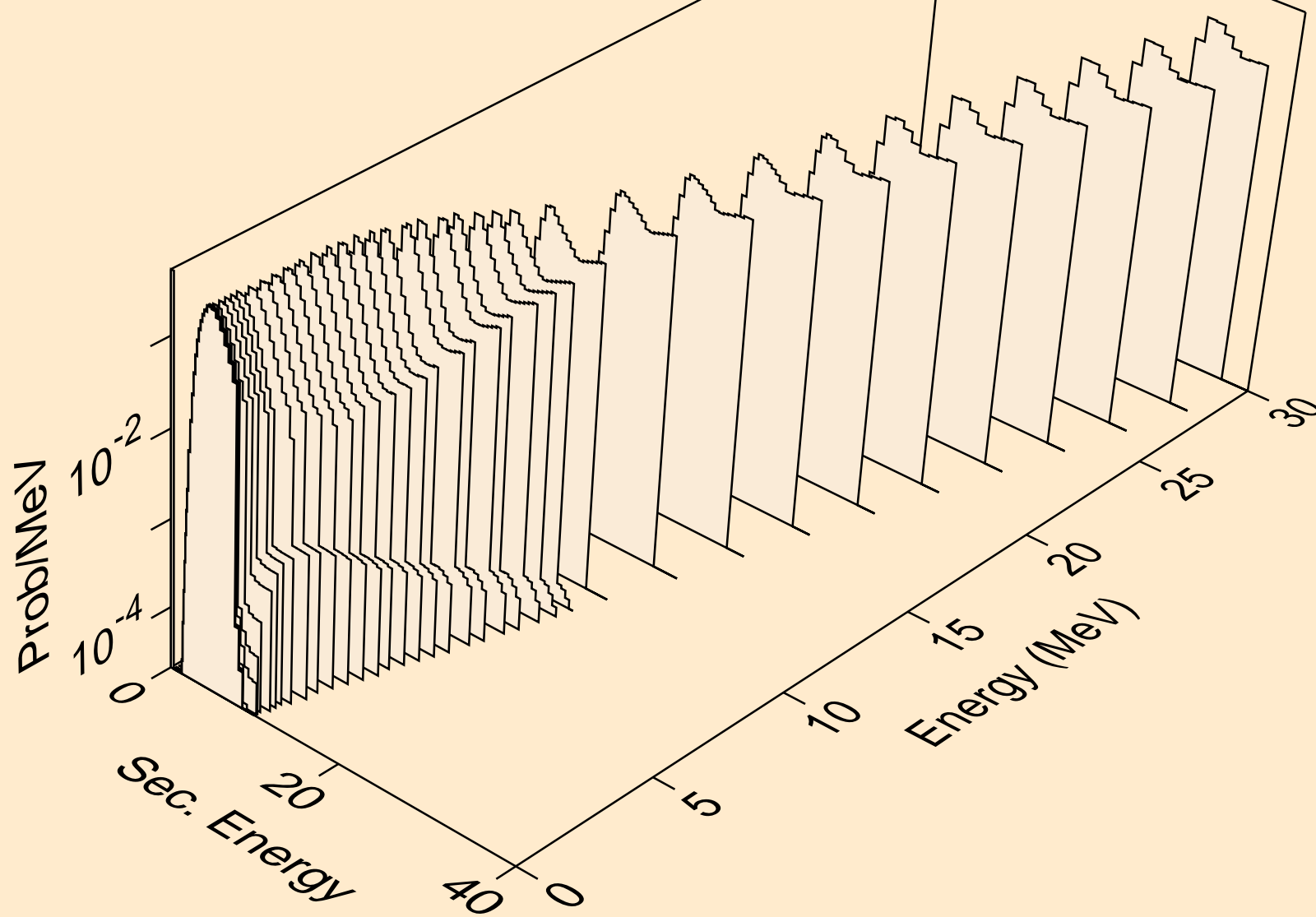


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protons from (n,npa)

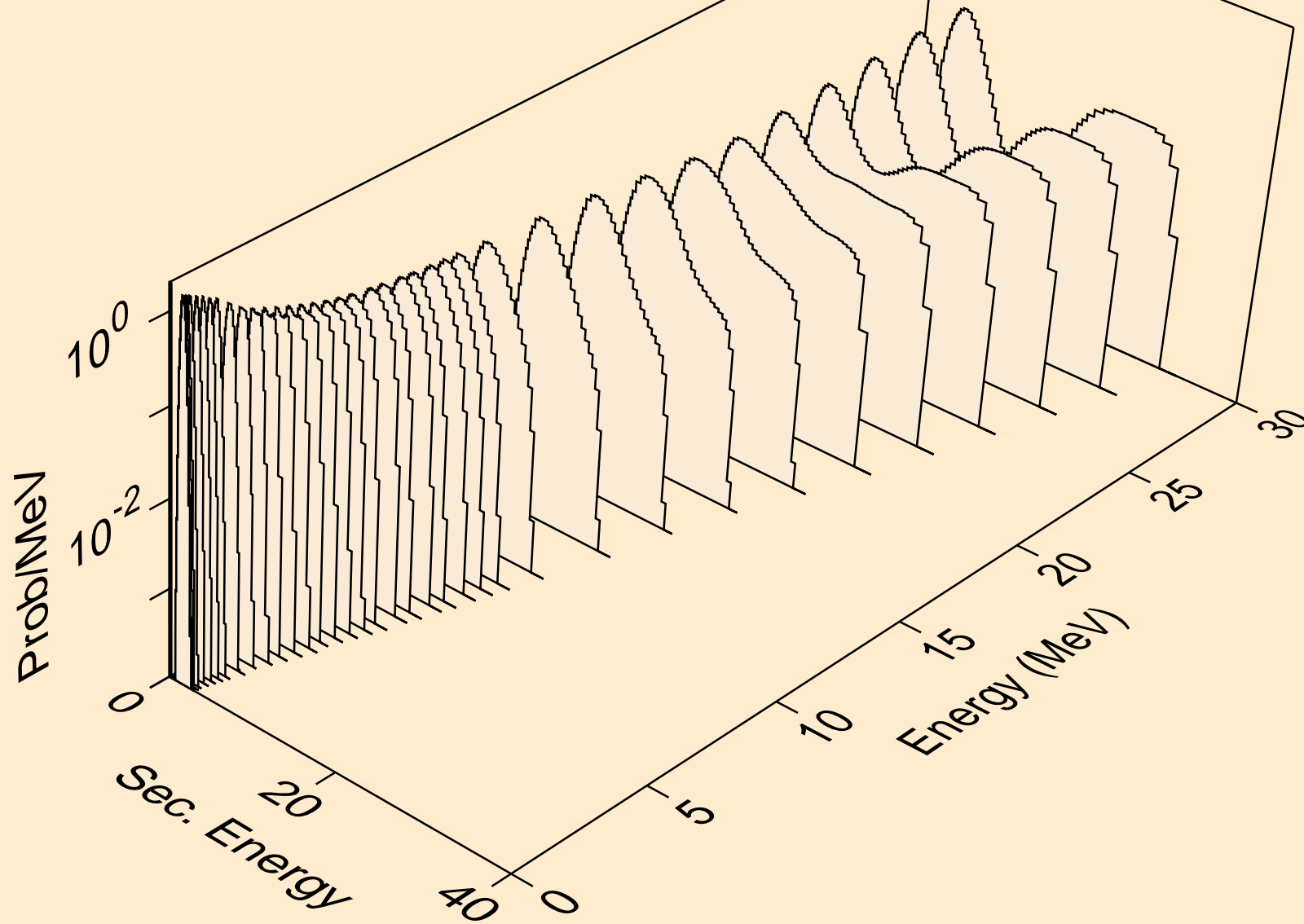




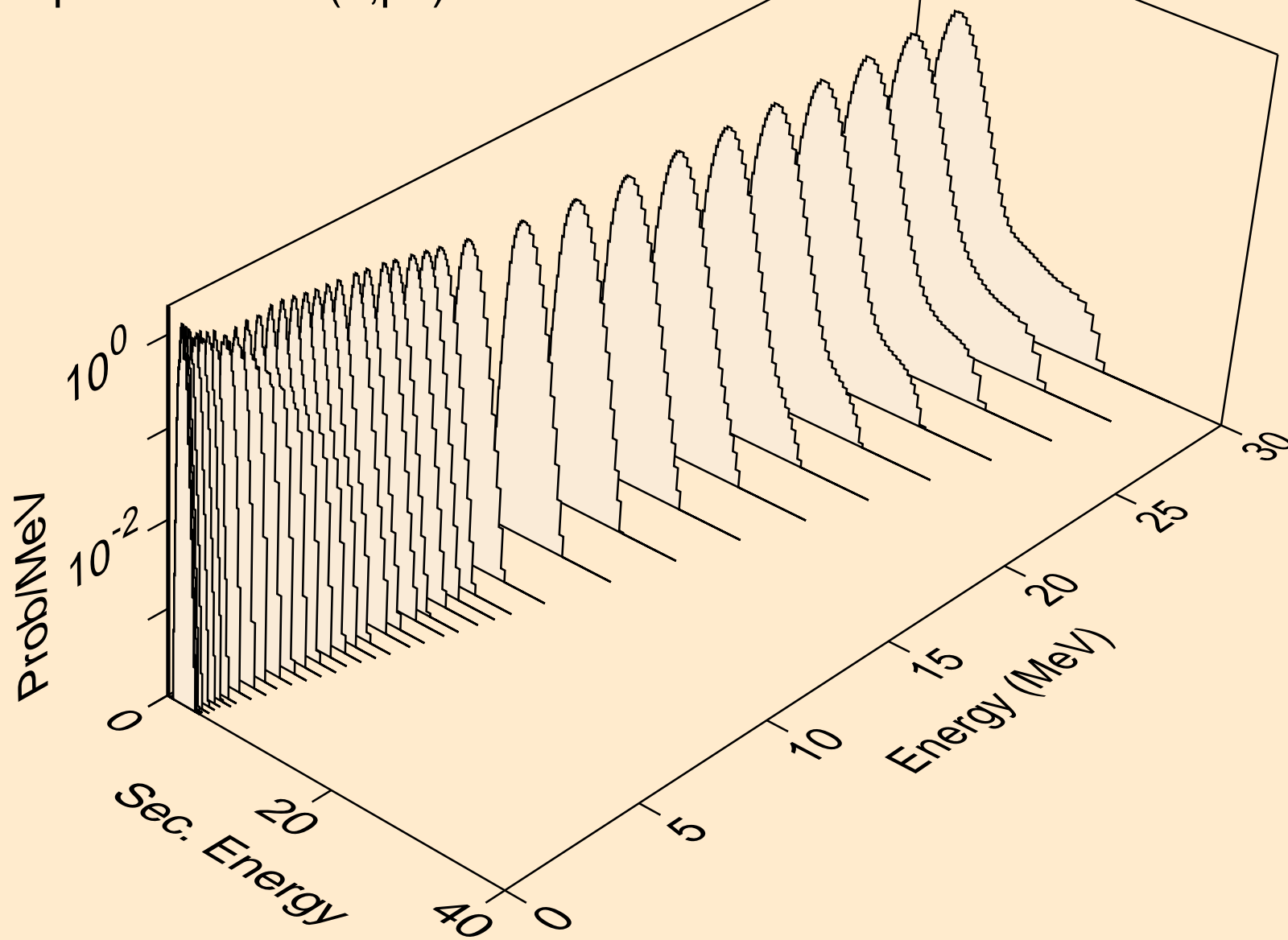
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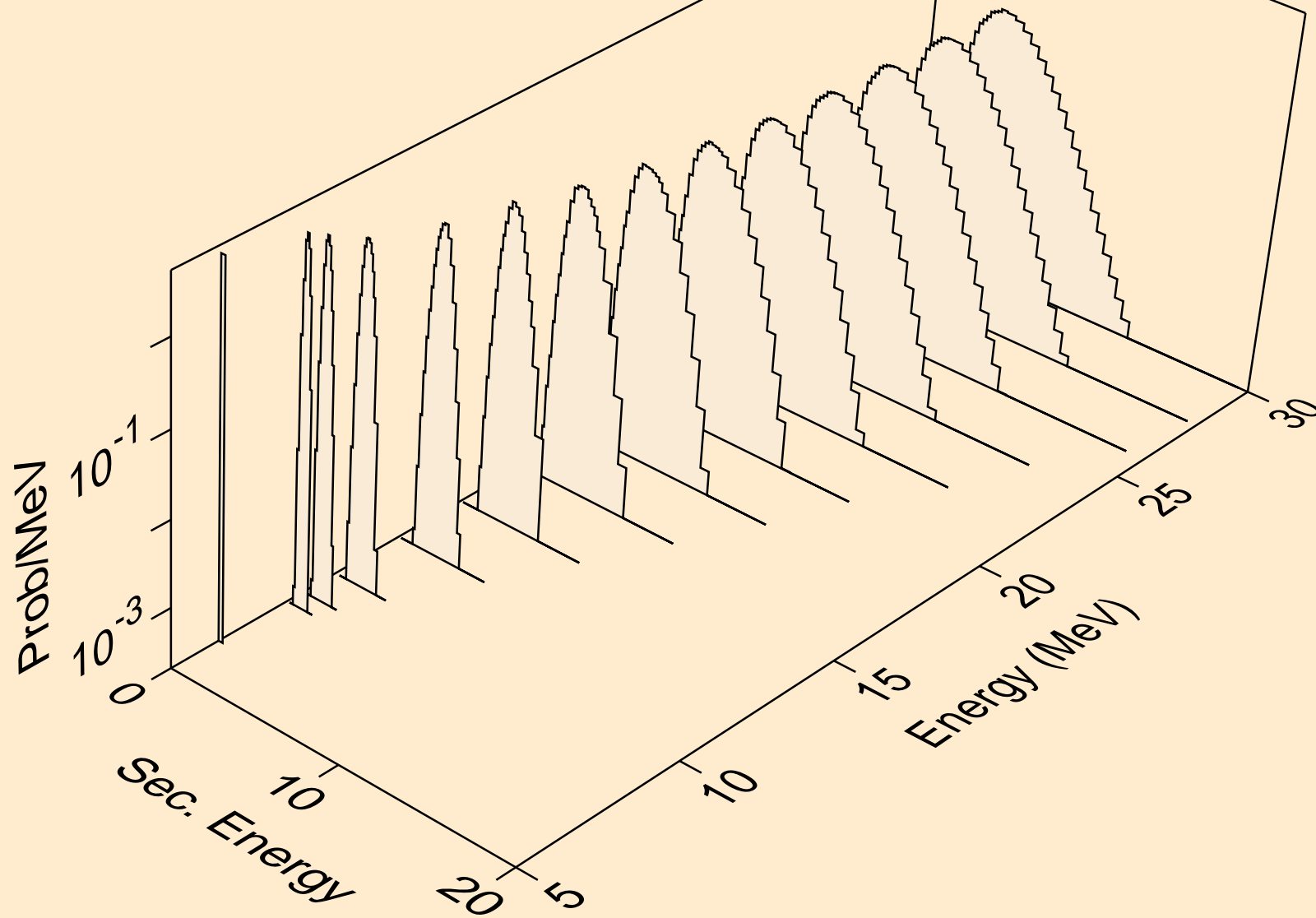
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protons from (n,2p)



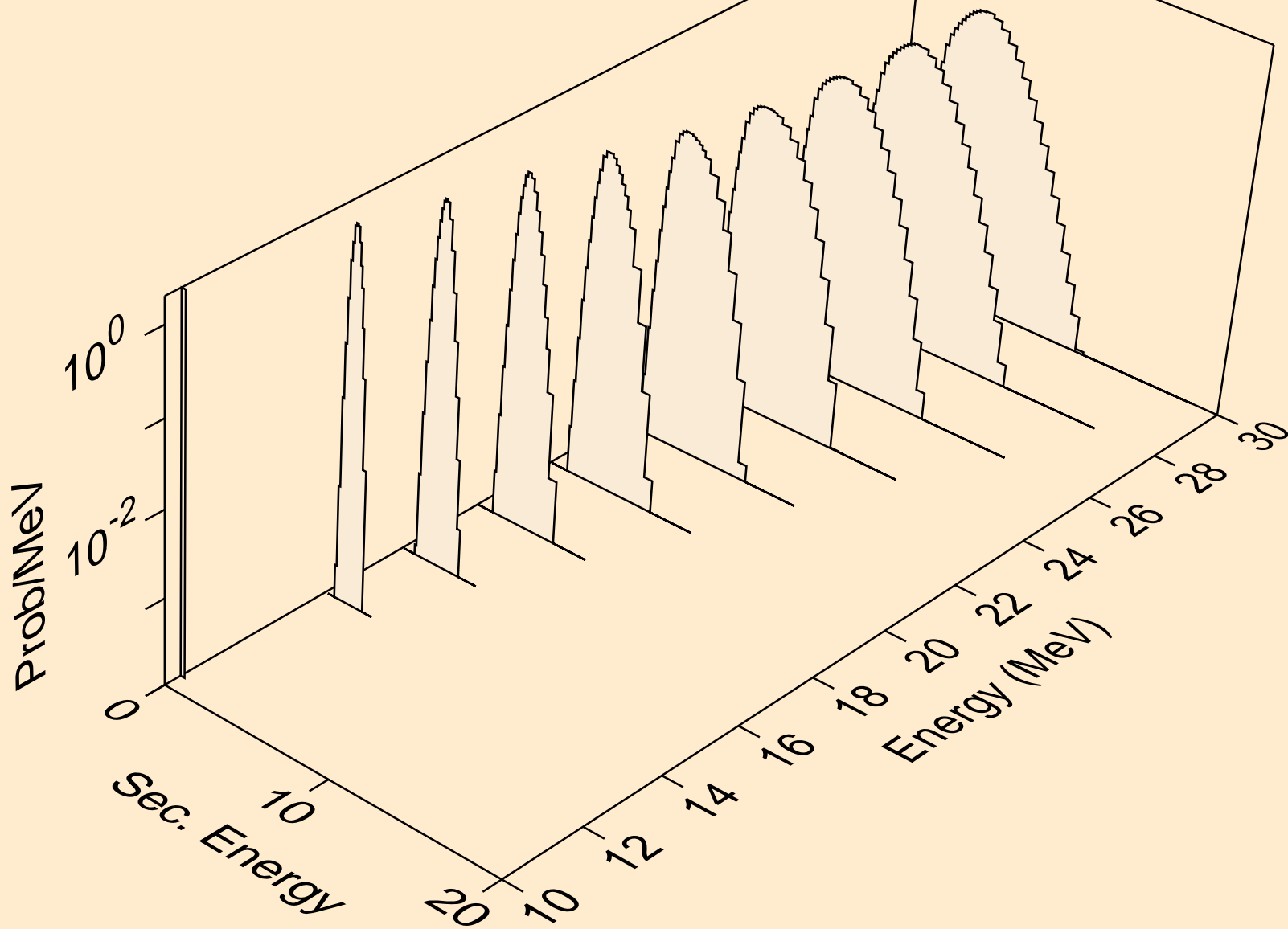
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protons from (n,p)



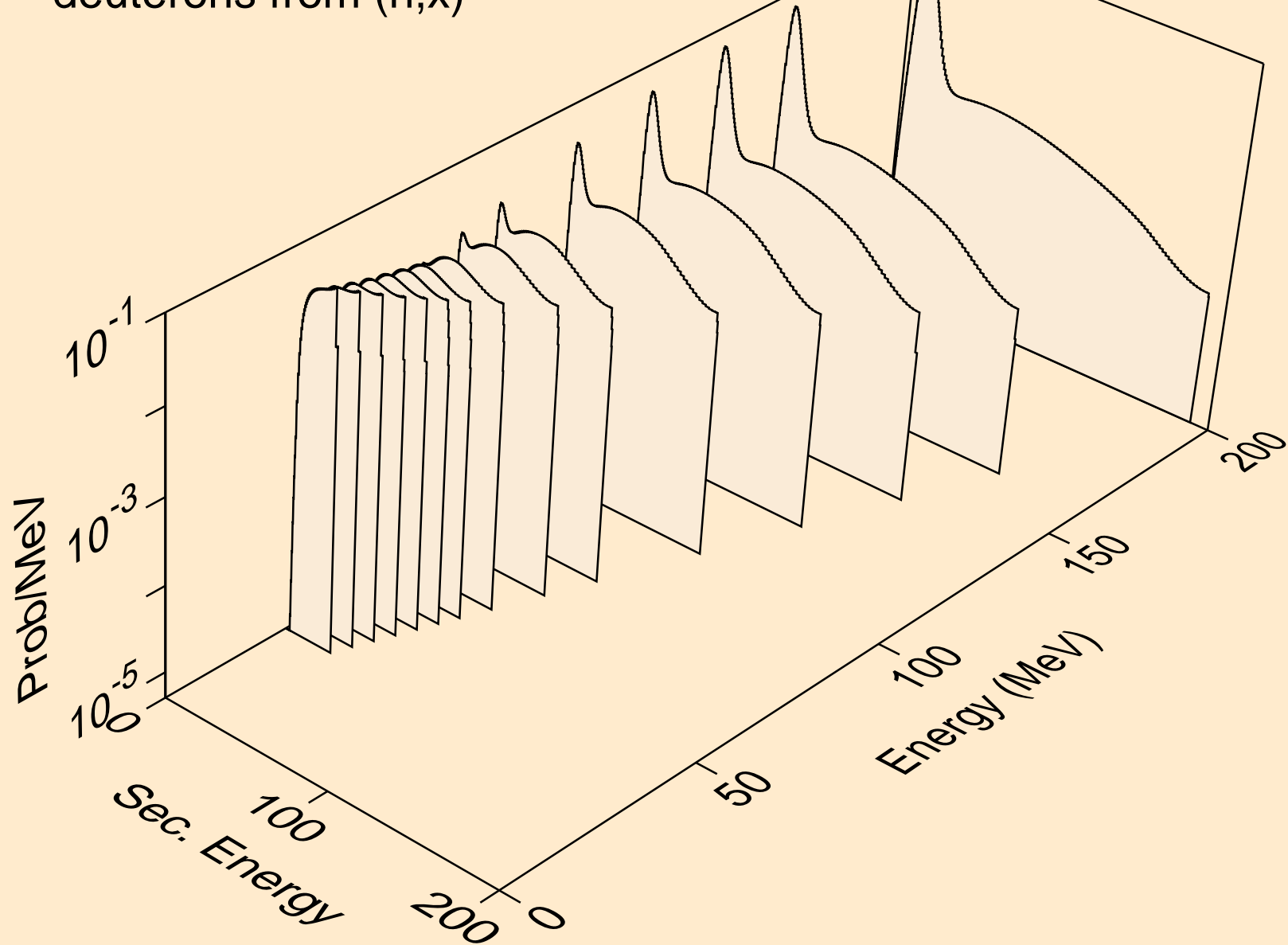
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protons from (n,pd)



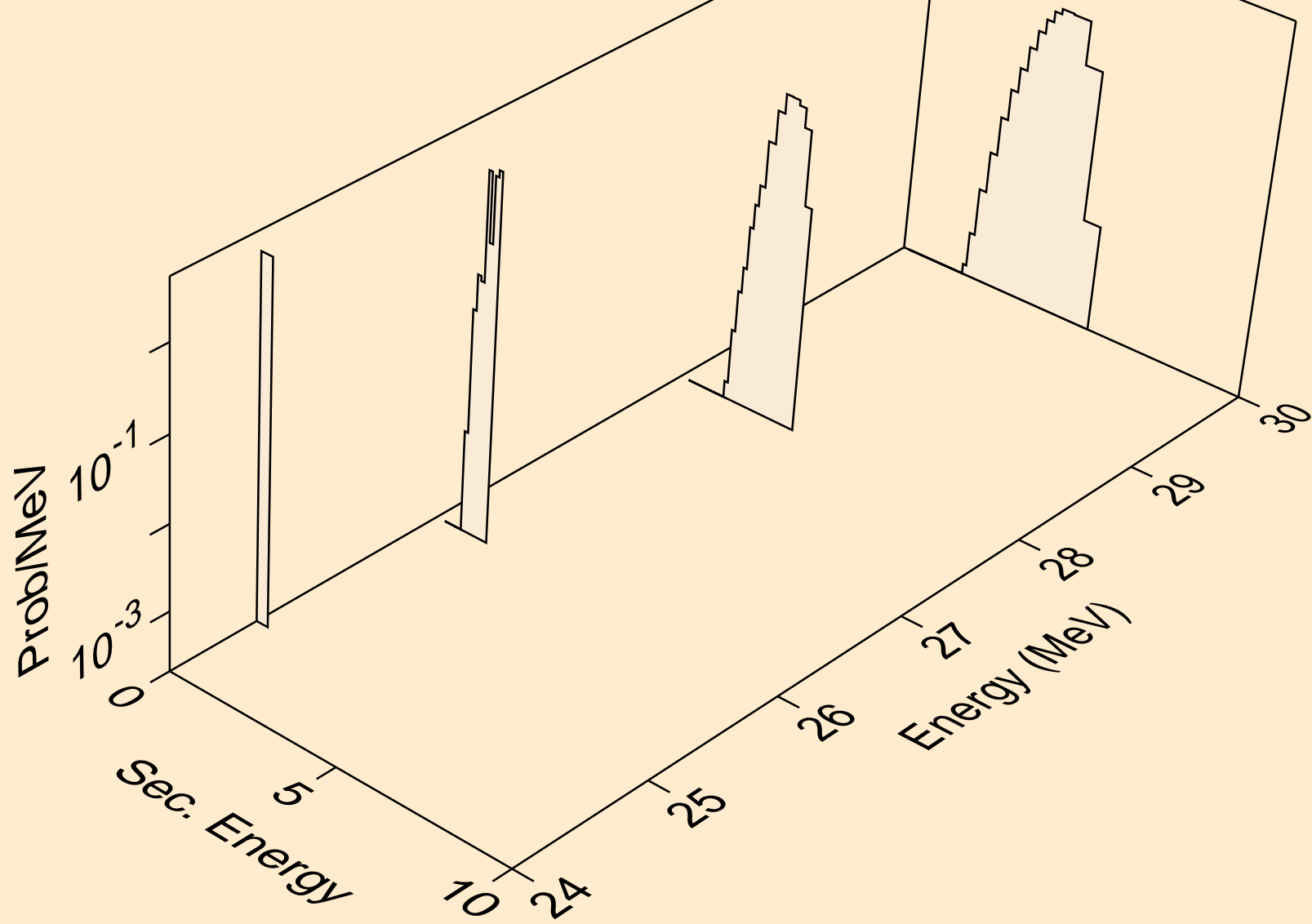
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protons from (n,pt)



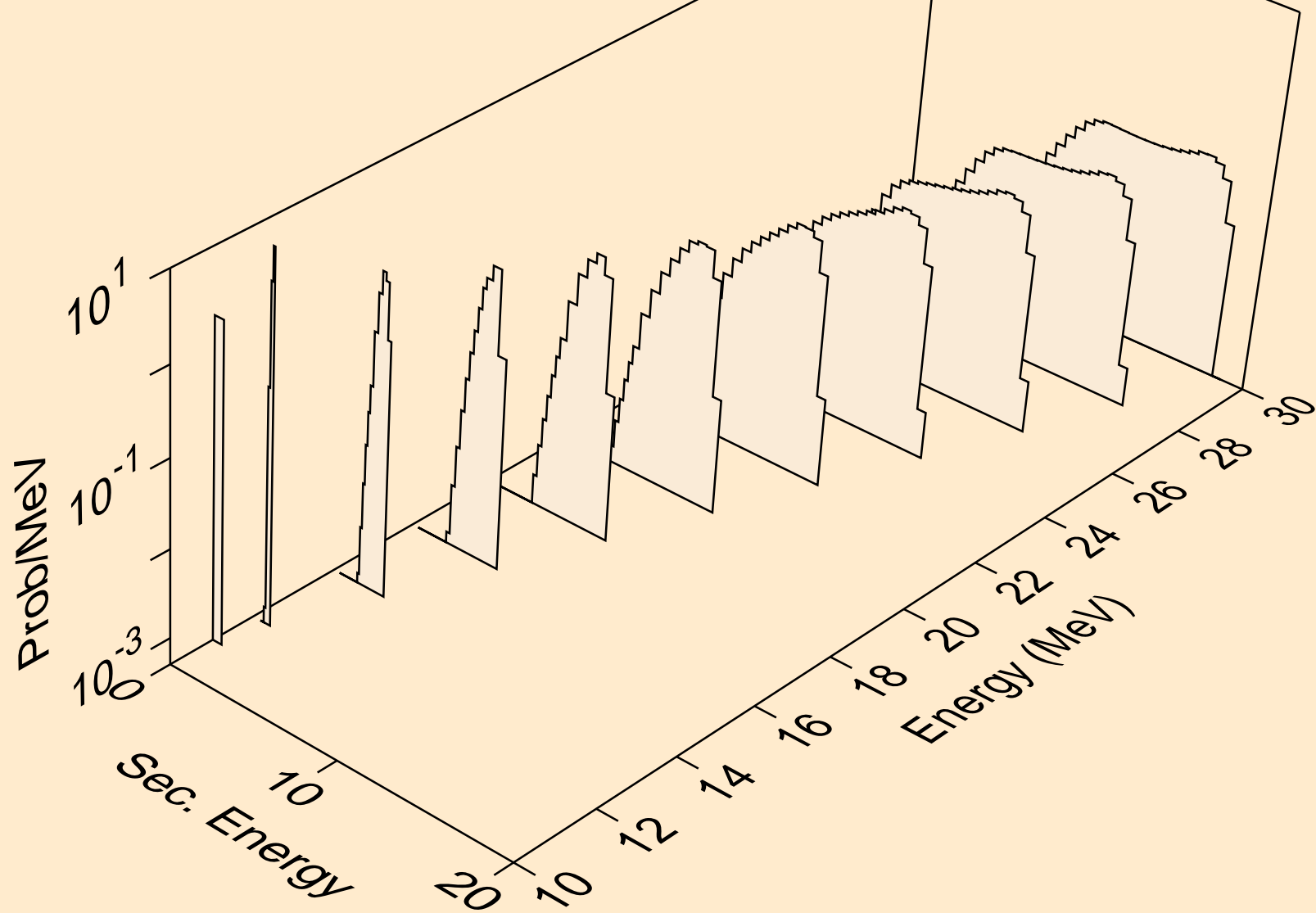
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

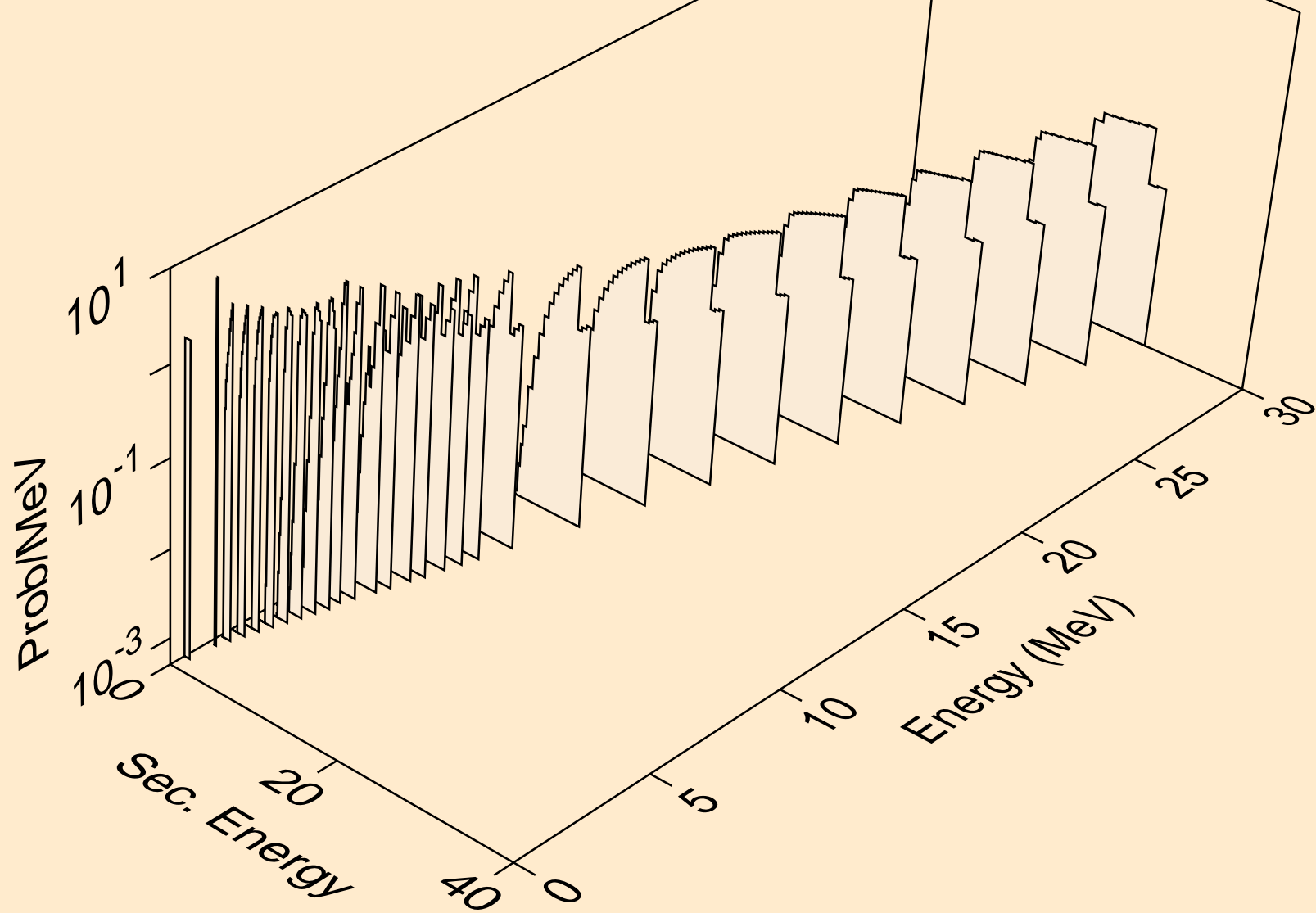


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deuterons from (n,n\*)d

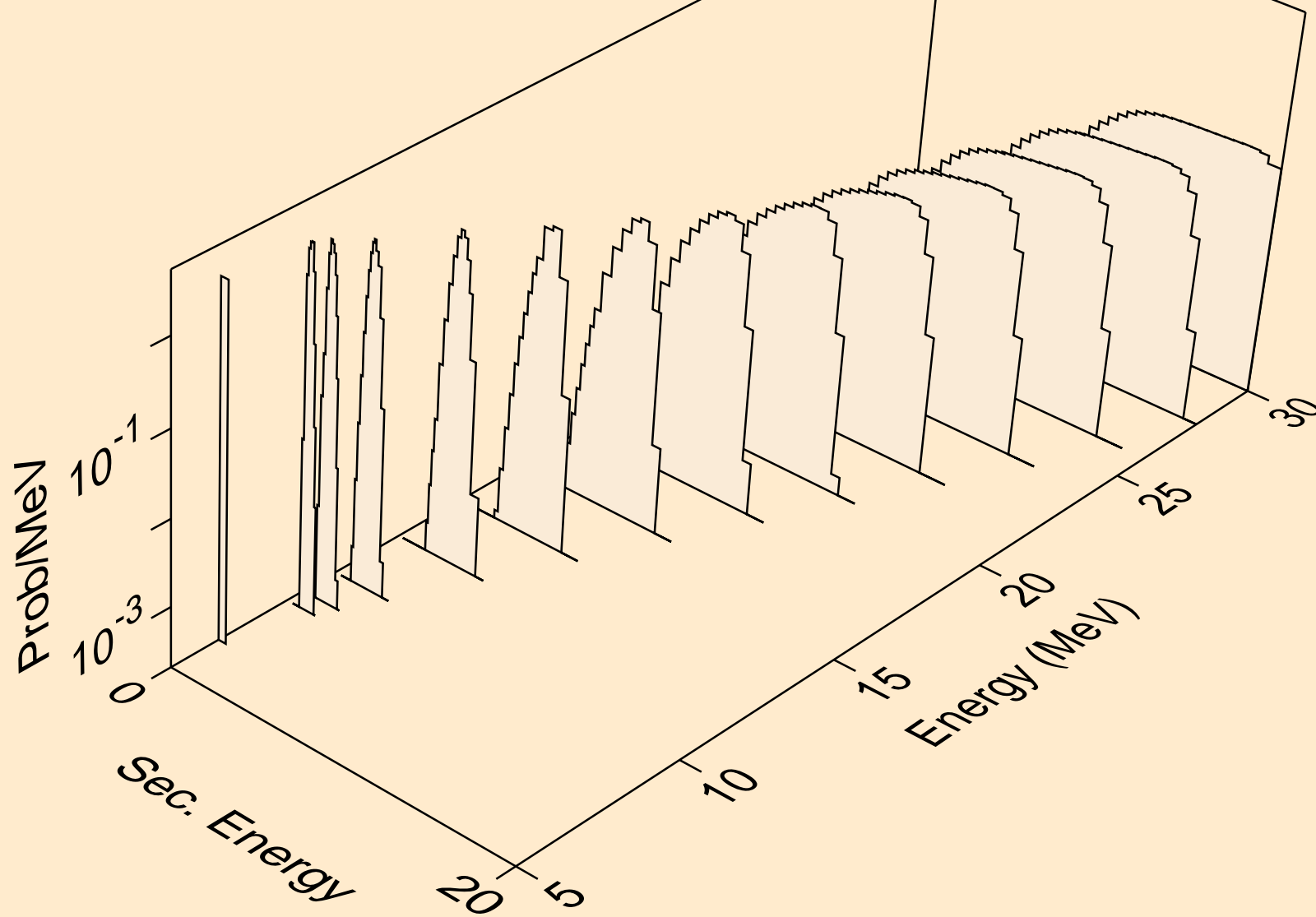




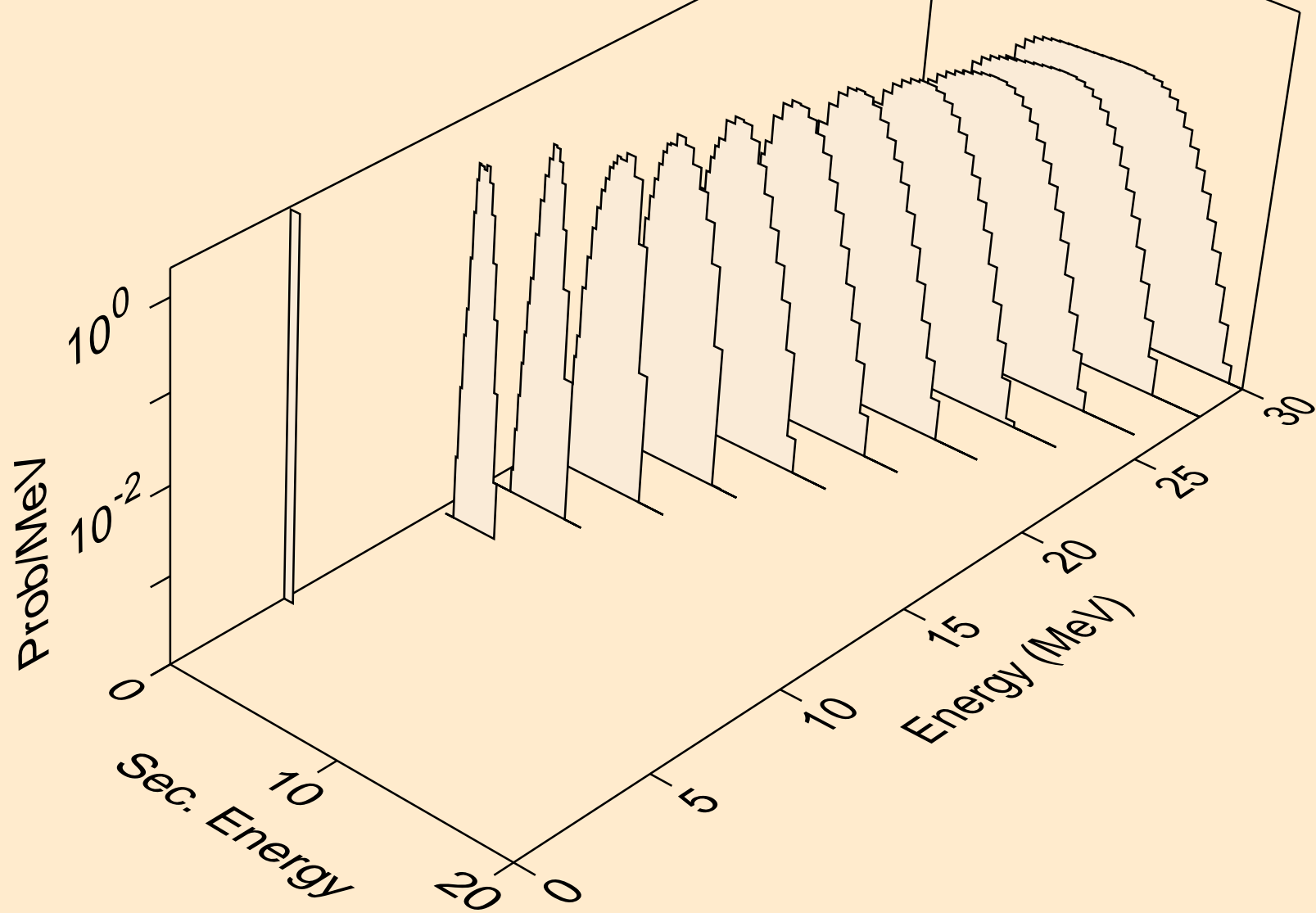
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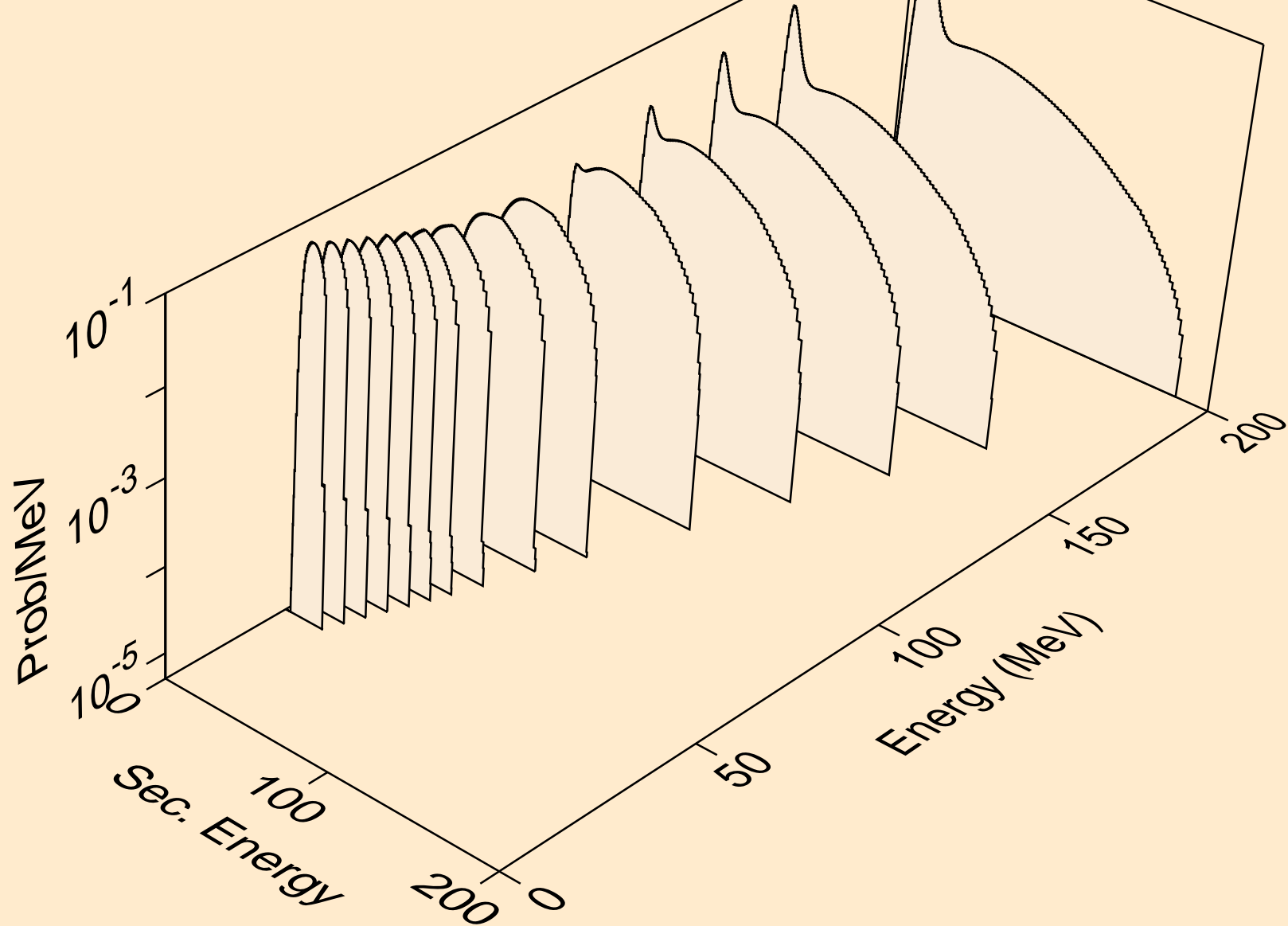
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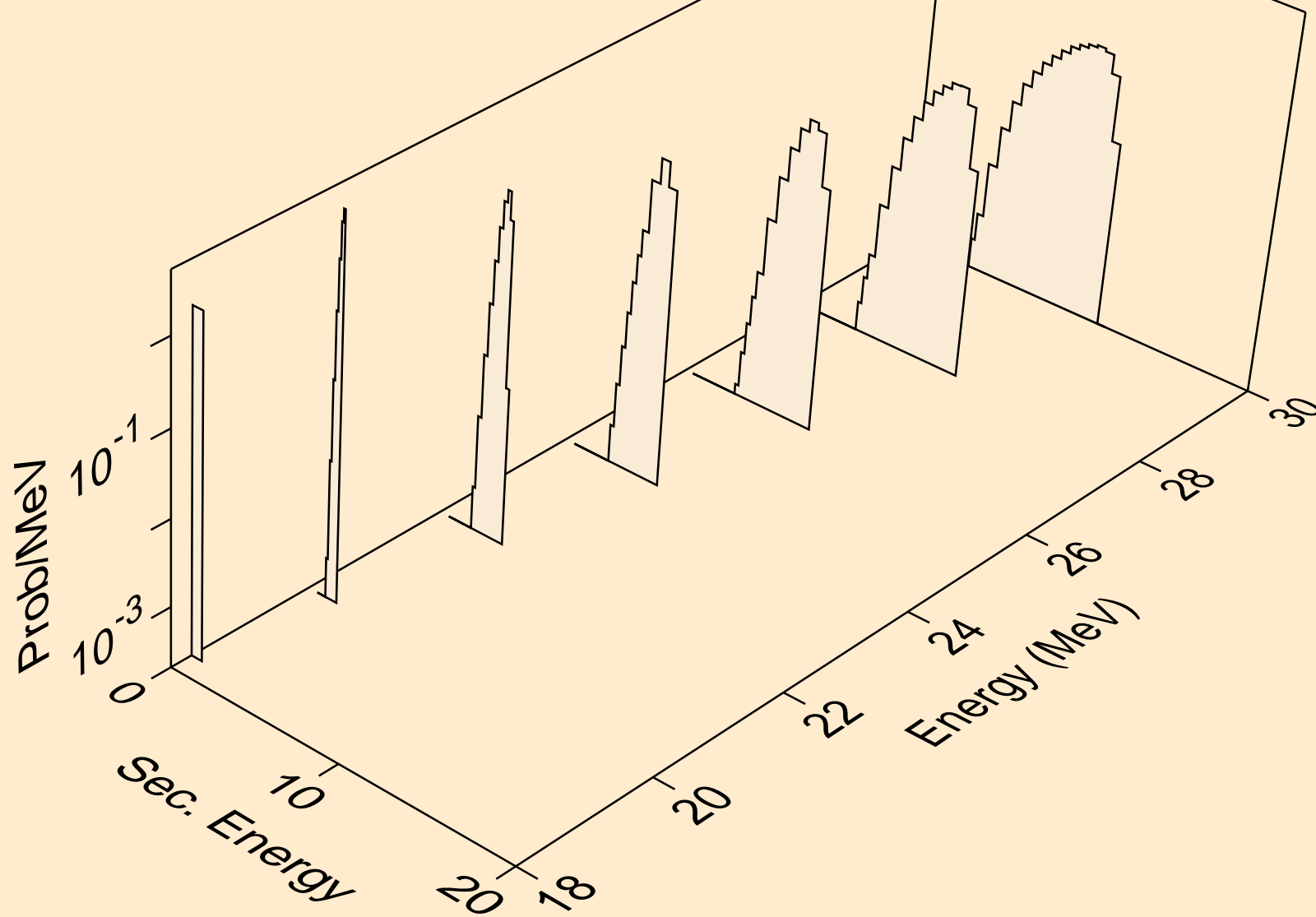
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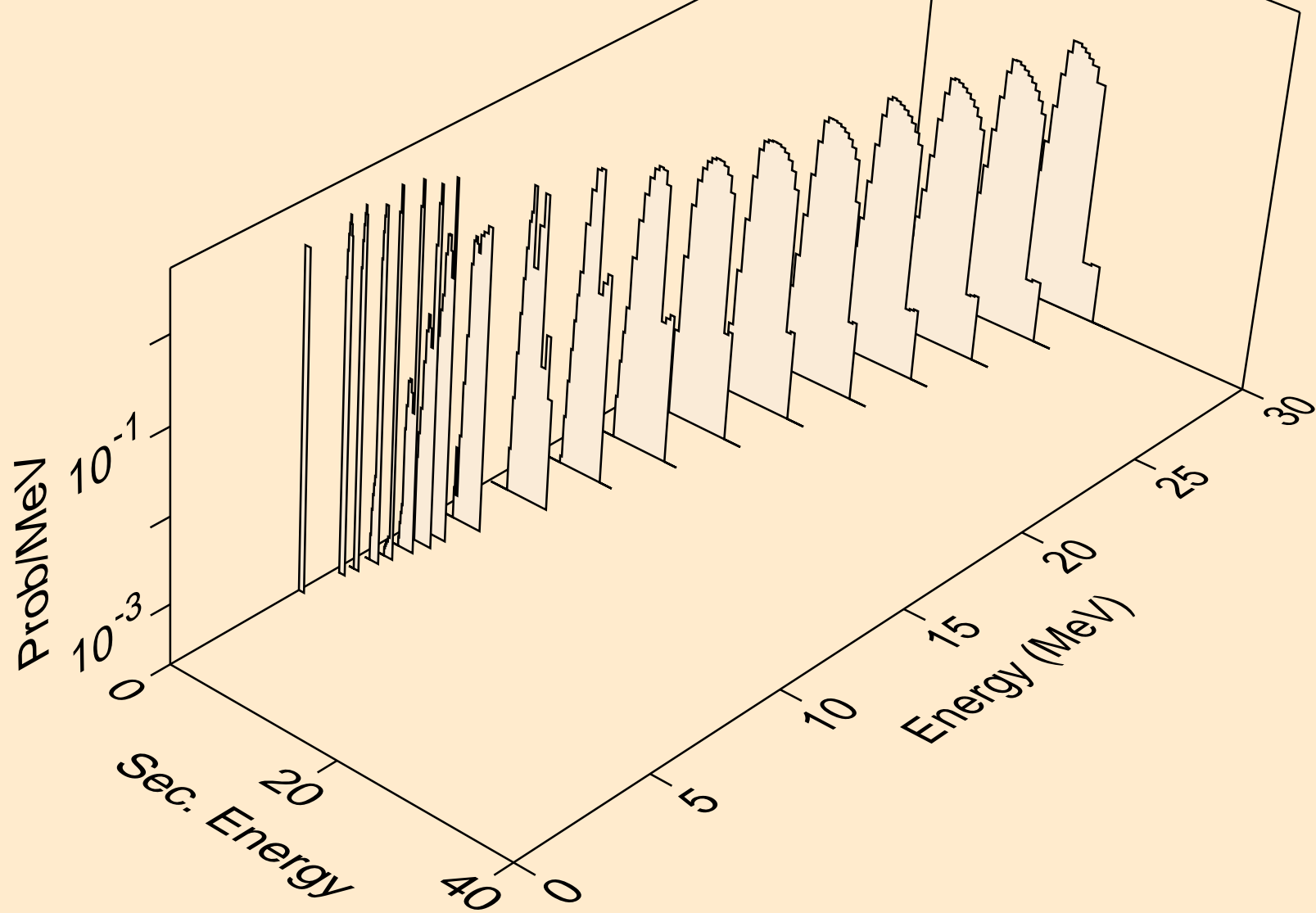
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tritons from (n,x)



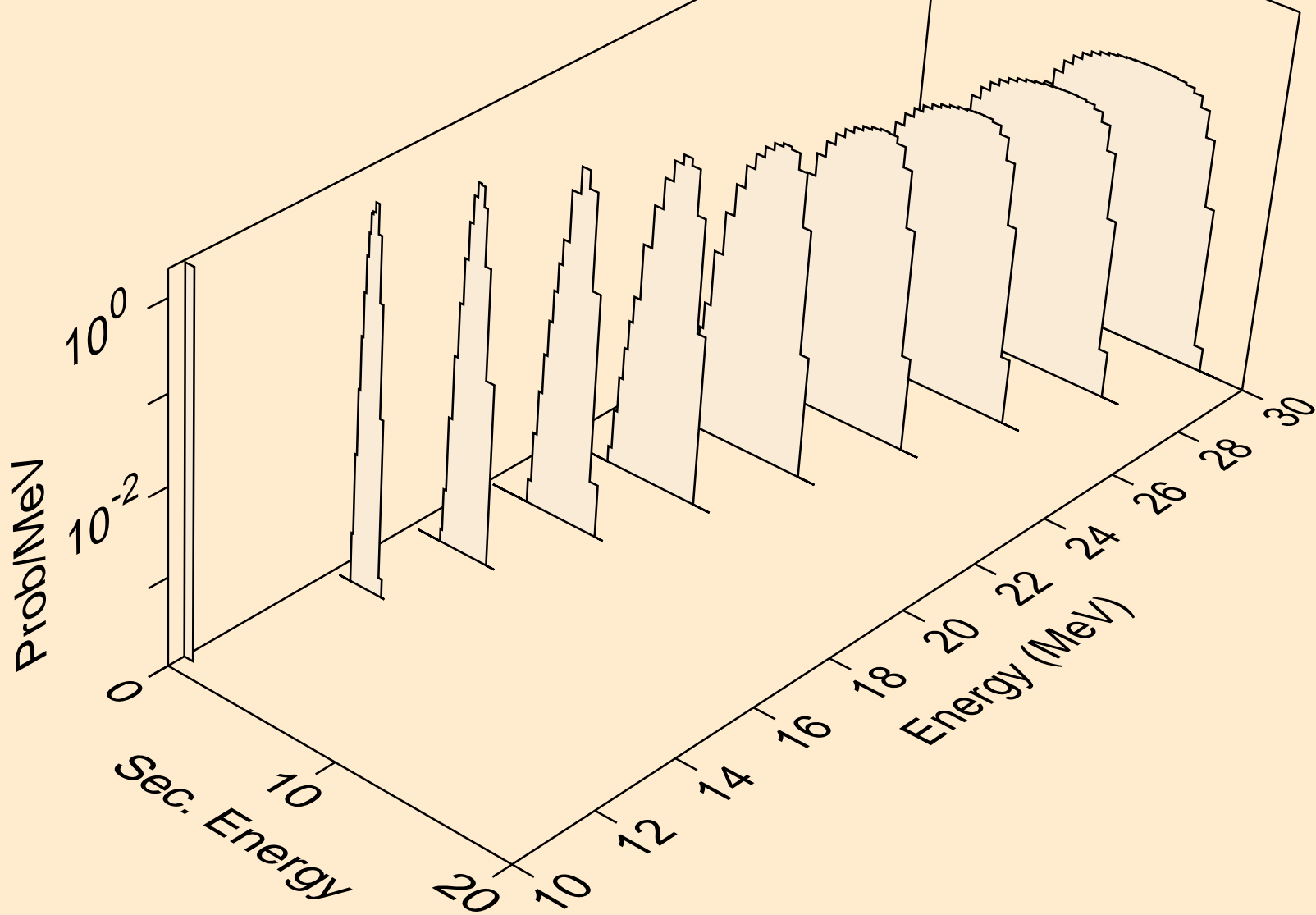
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tritons from (n,n\*)t



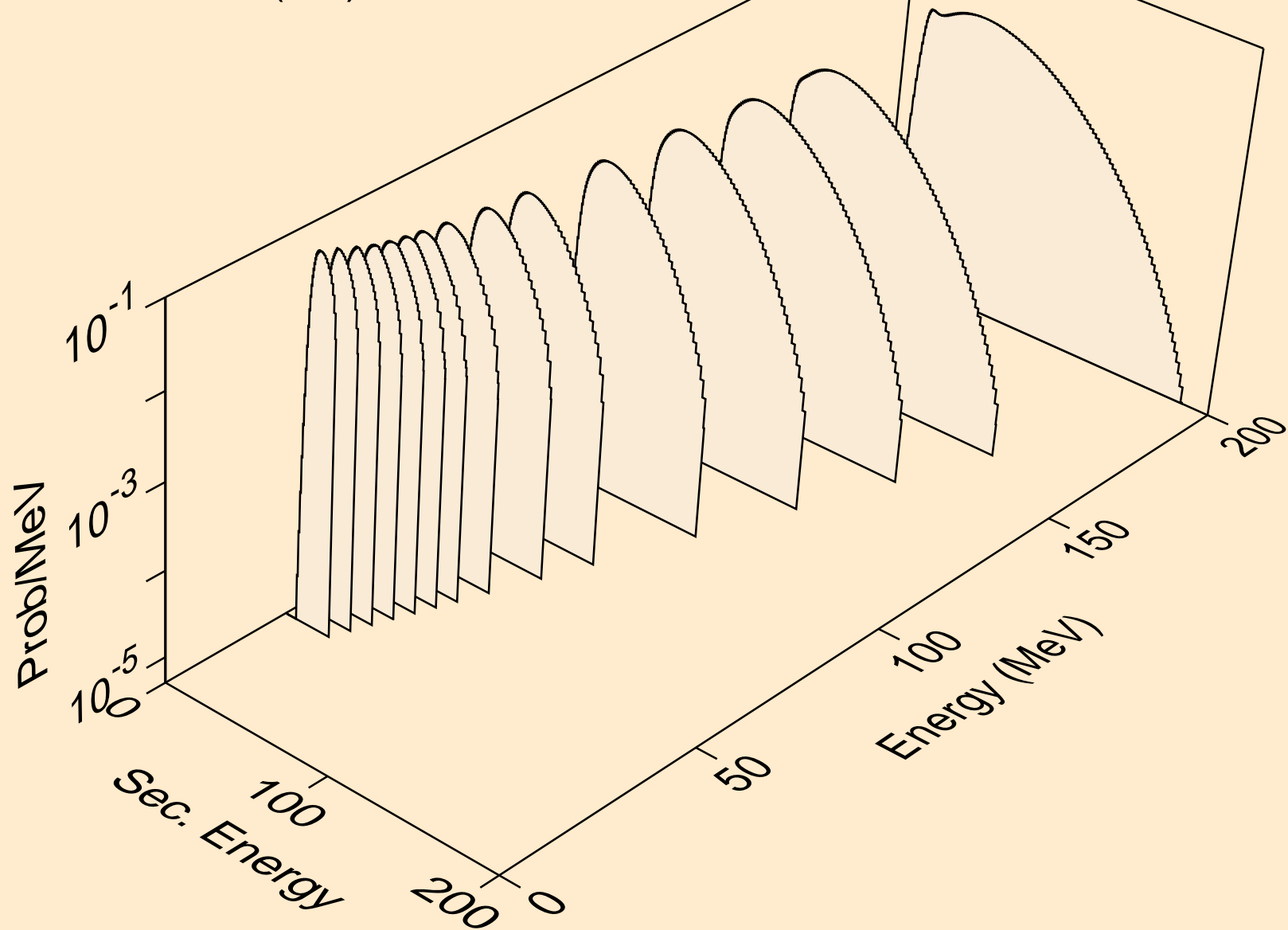
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tritons from (n,t)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

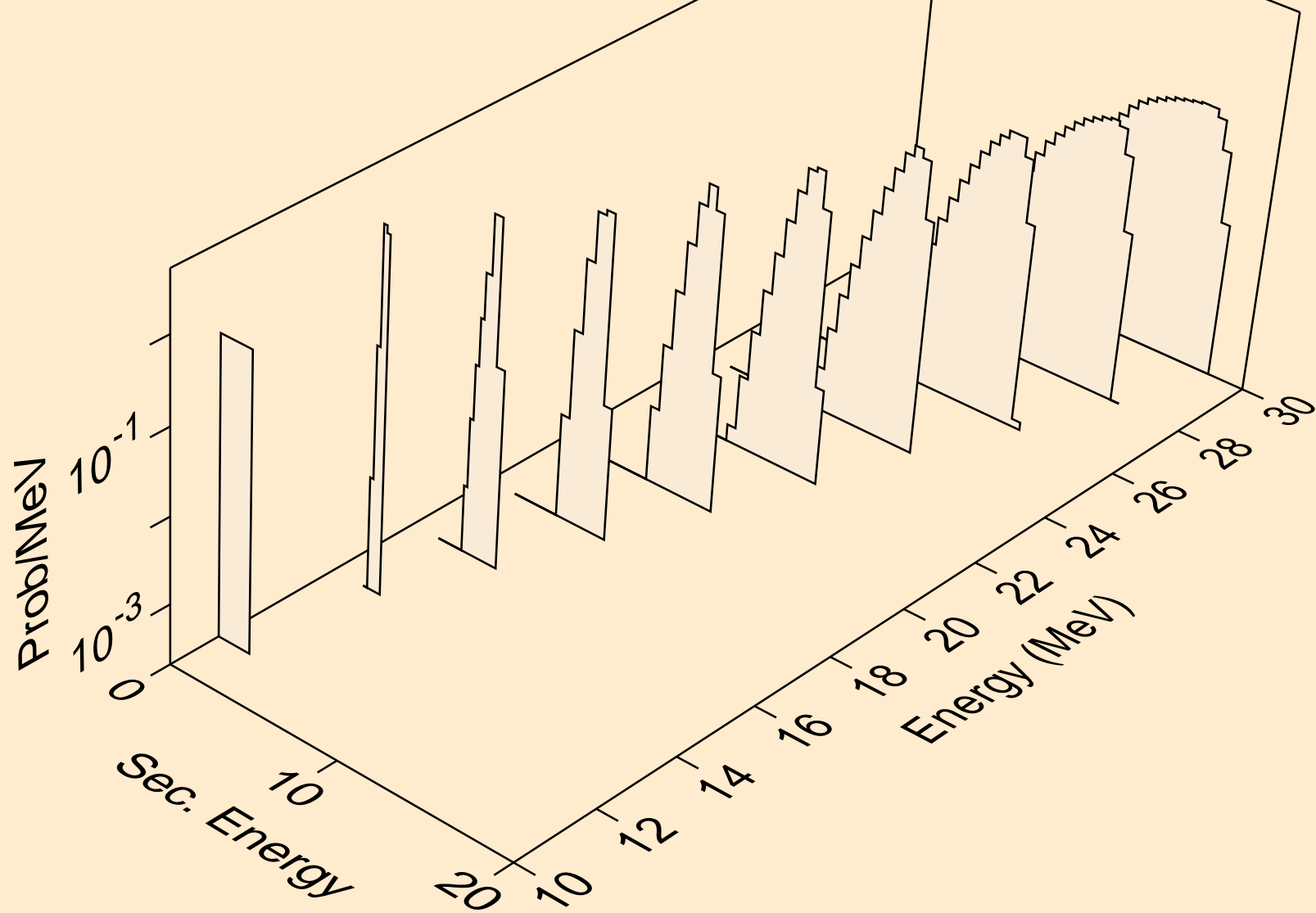


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he3s from (n,x)

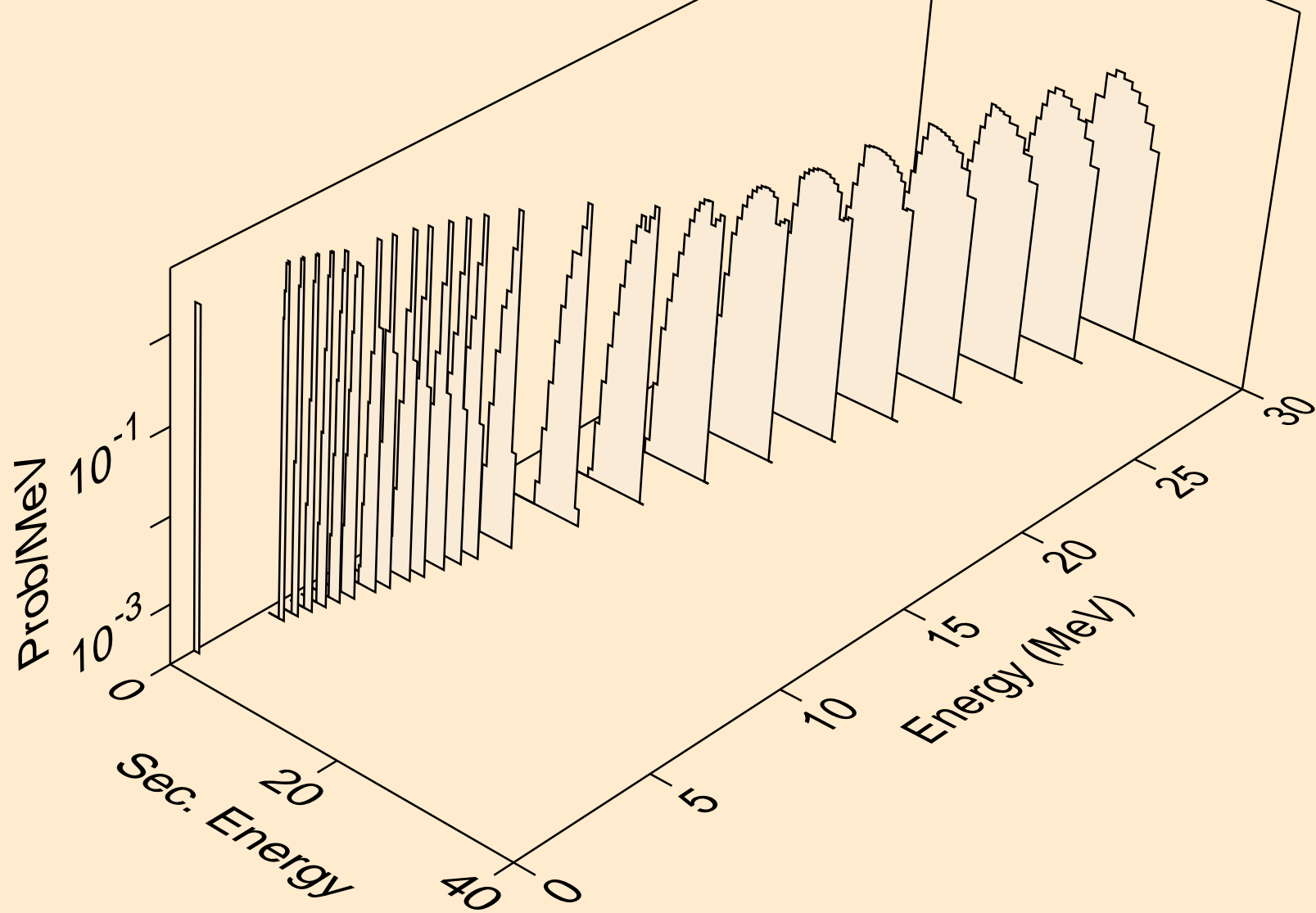




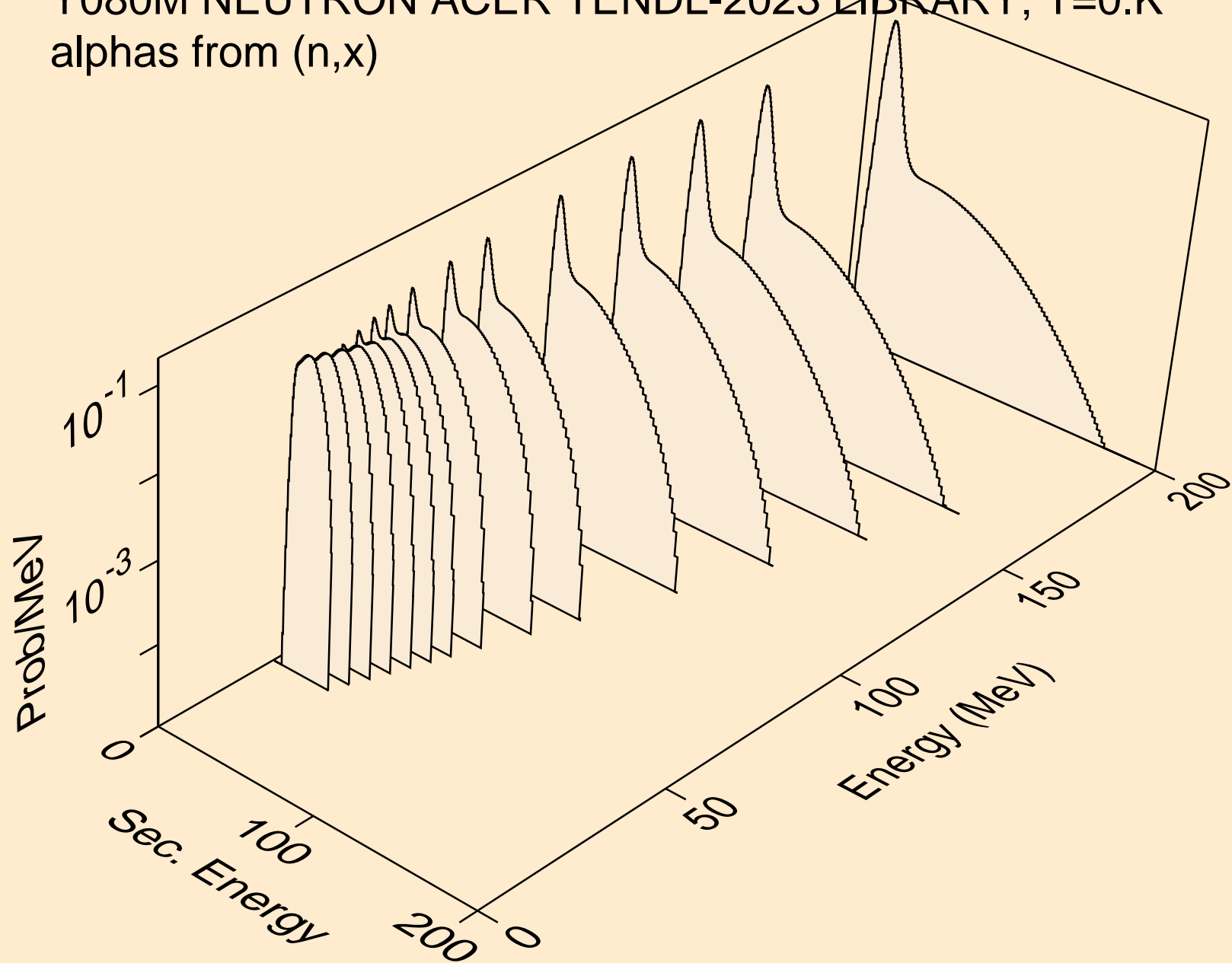
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he3s from (n,n\*)he3



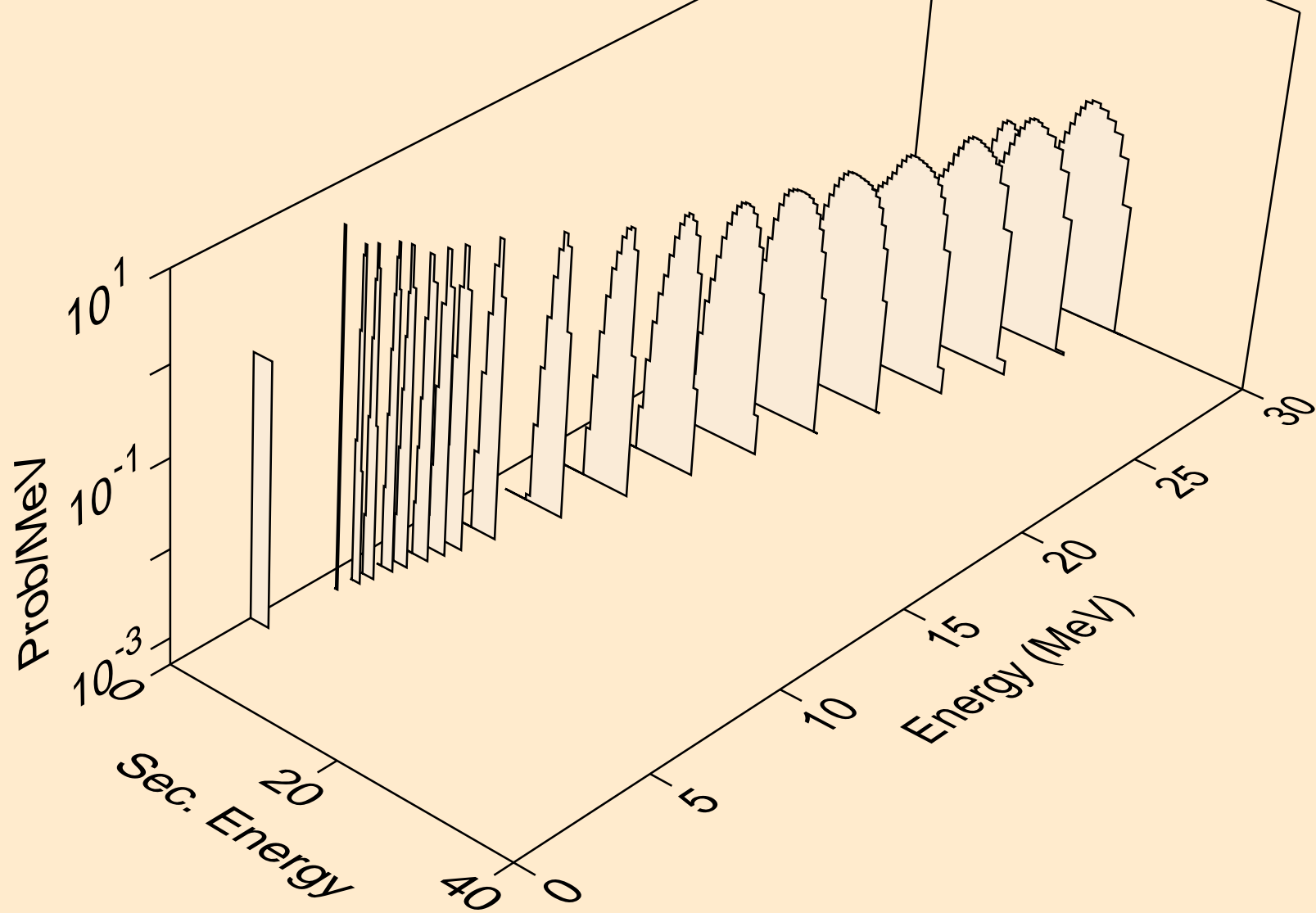
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he3s from (n,he3)



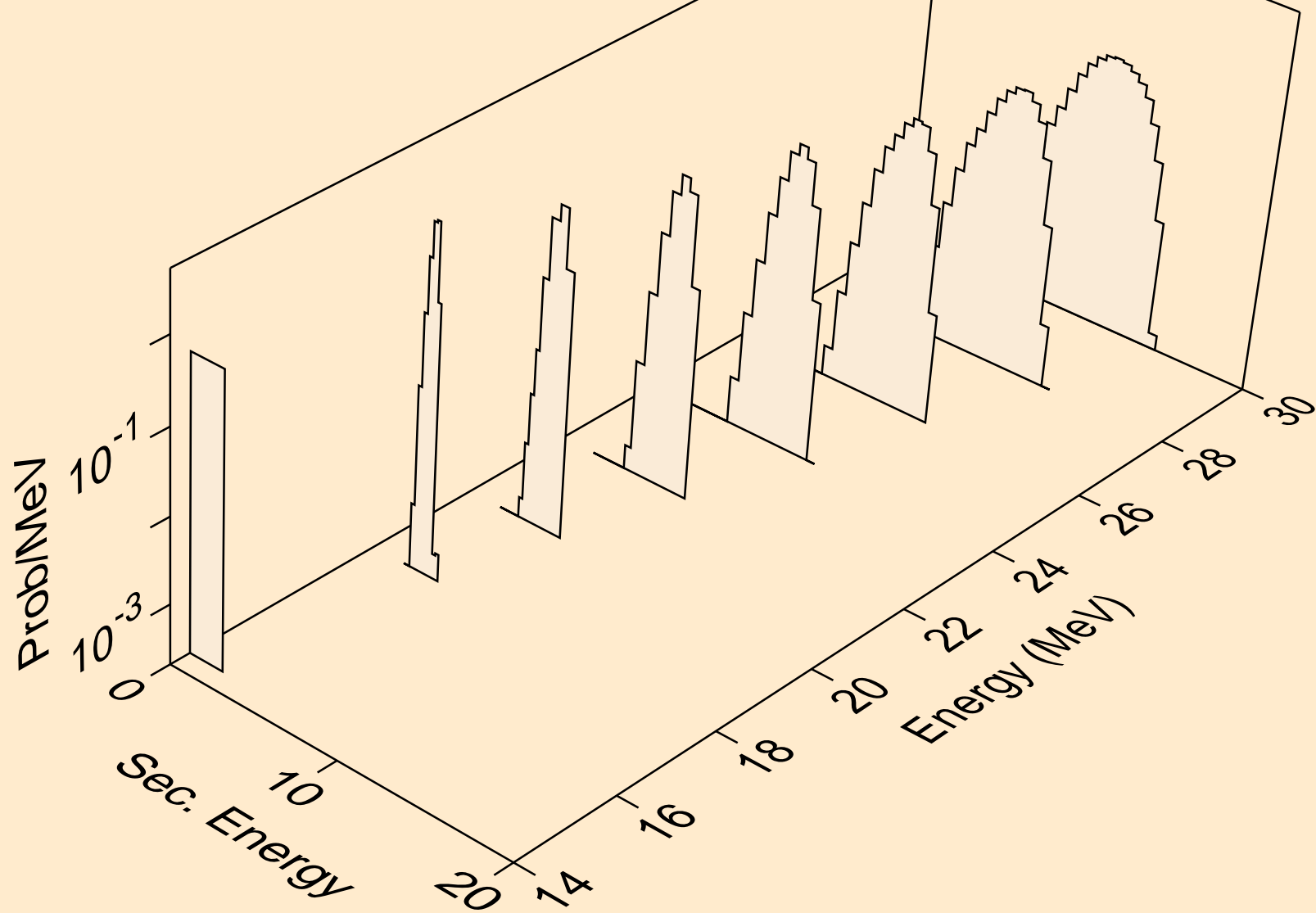
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alphas from (n,x)



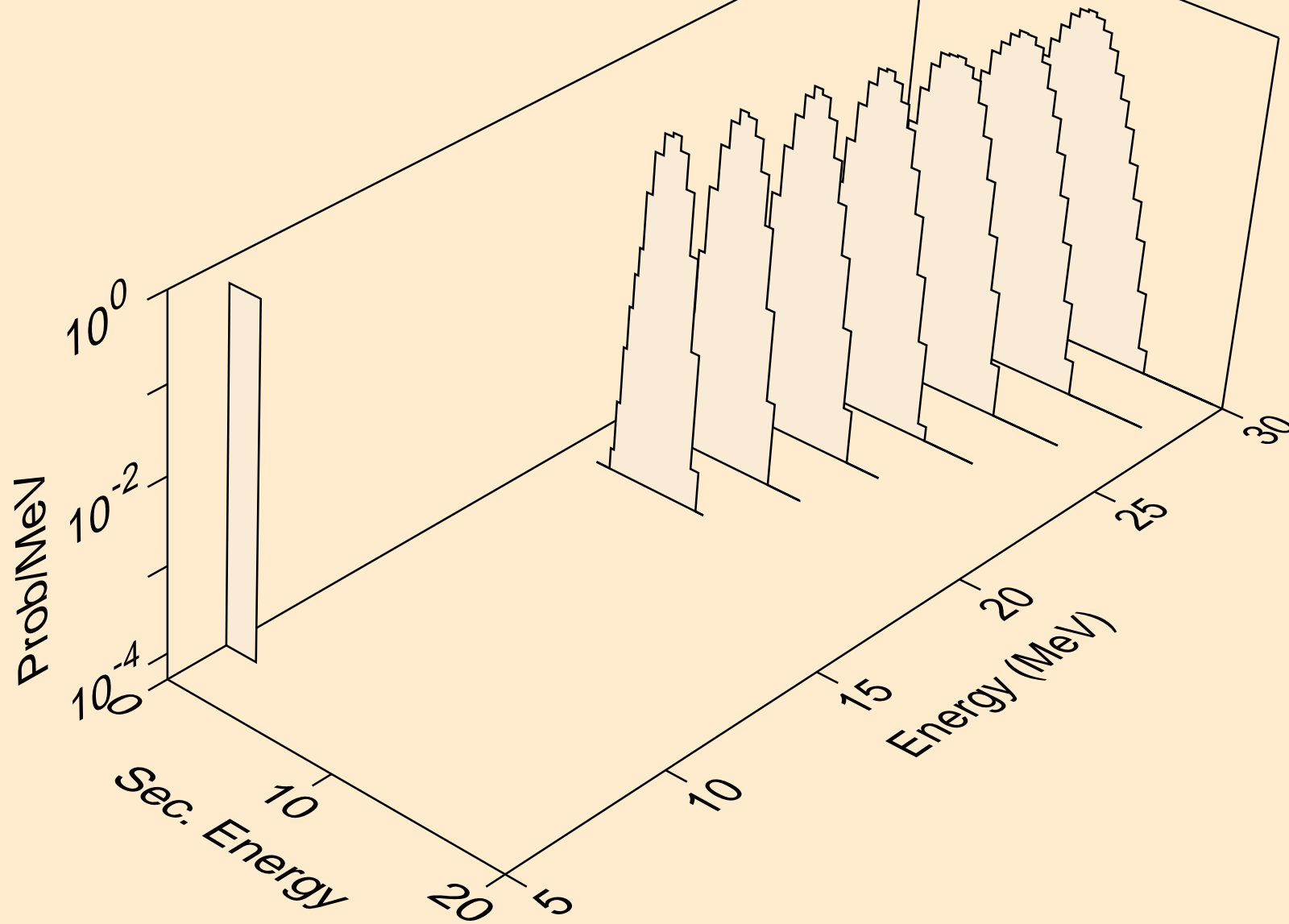
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alphas from (n,n\*)a



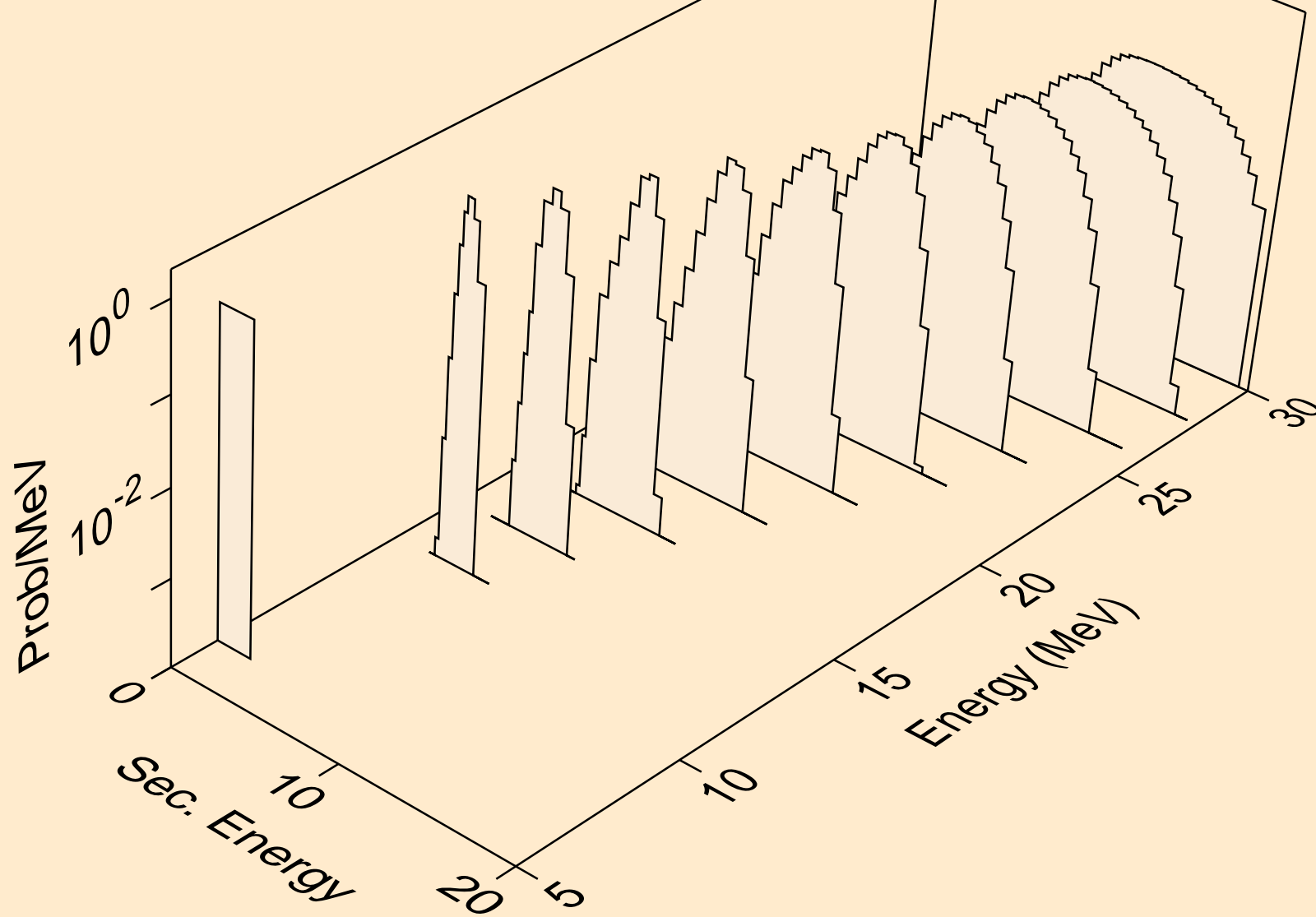
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alphas from (n,2n)a



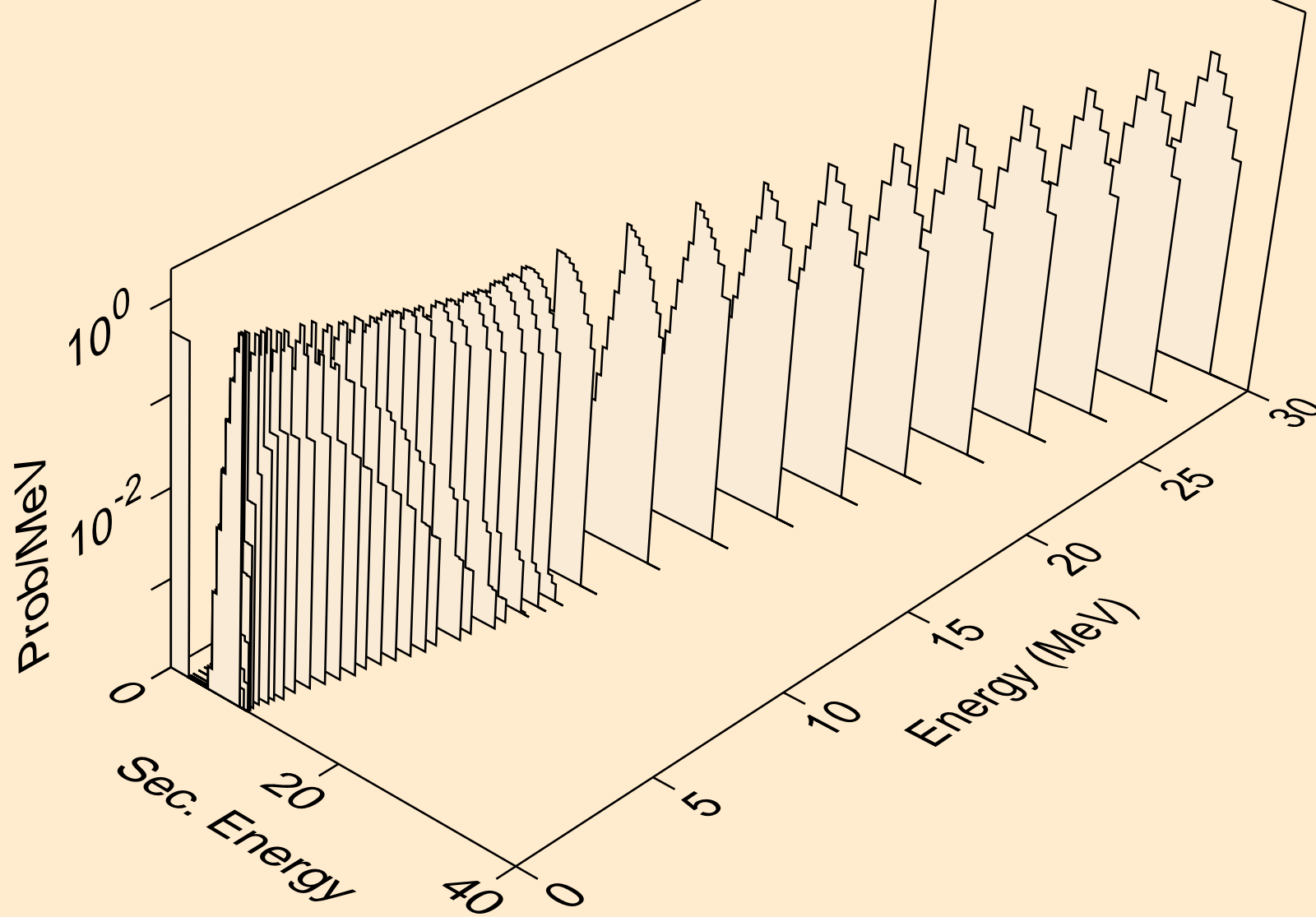
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alphas from (n,n\*)2a



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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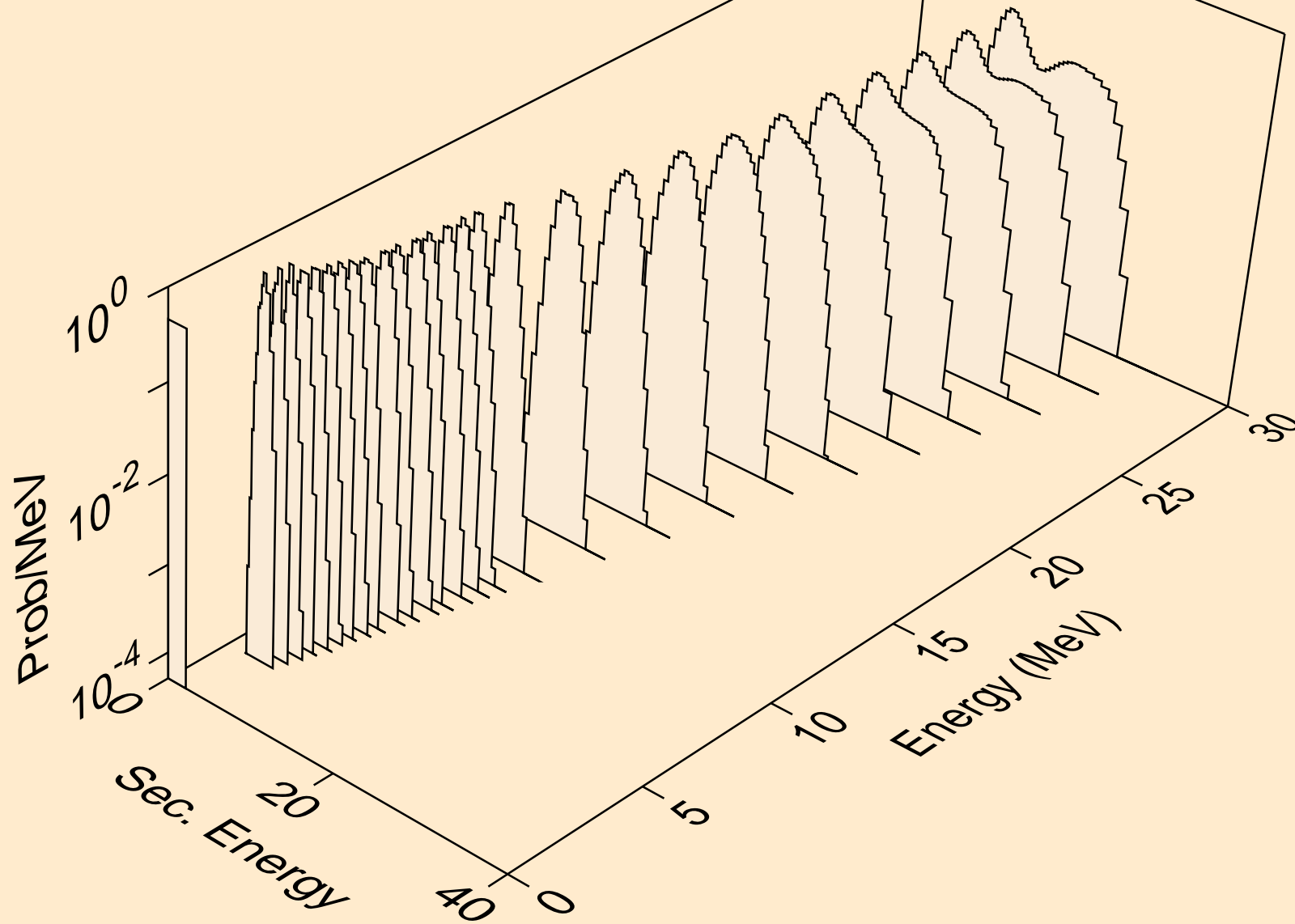


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alphas from (n,a)

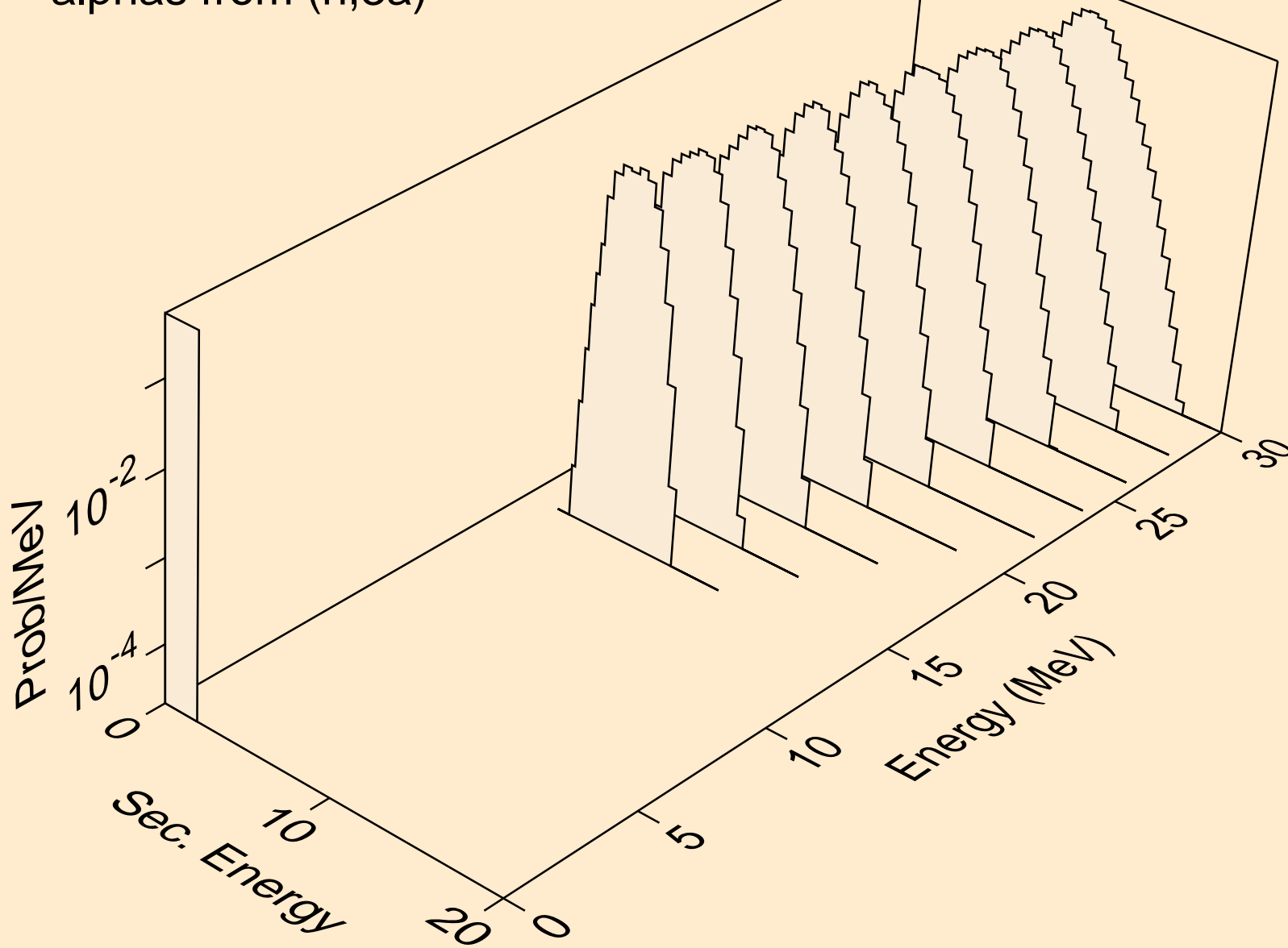




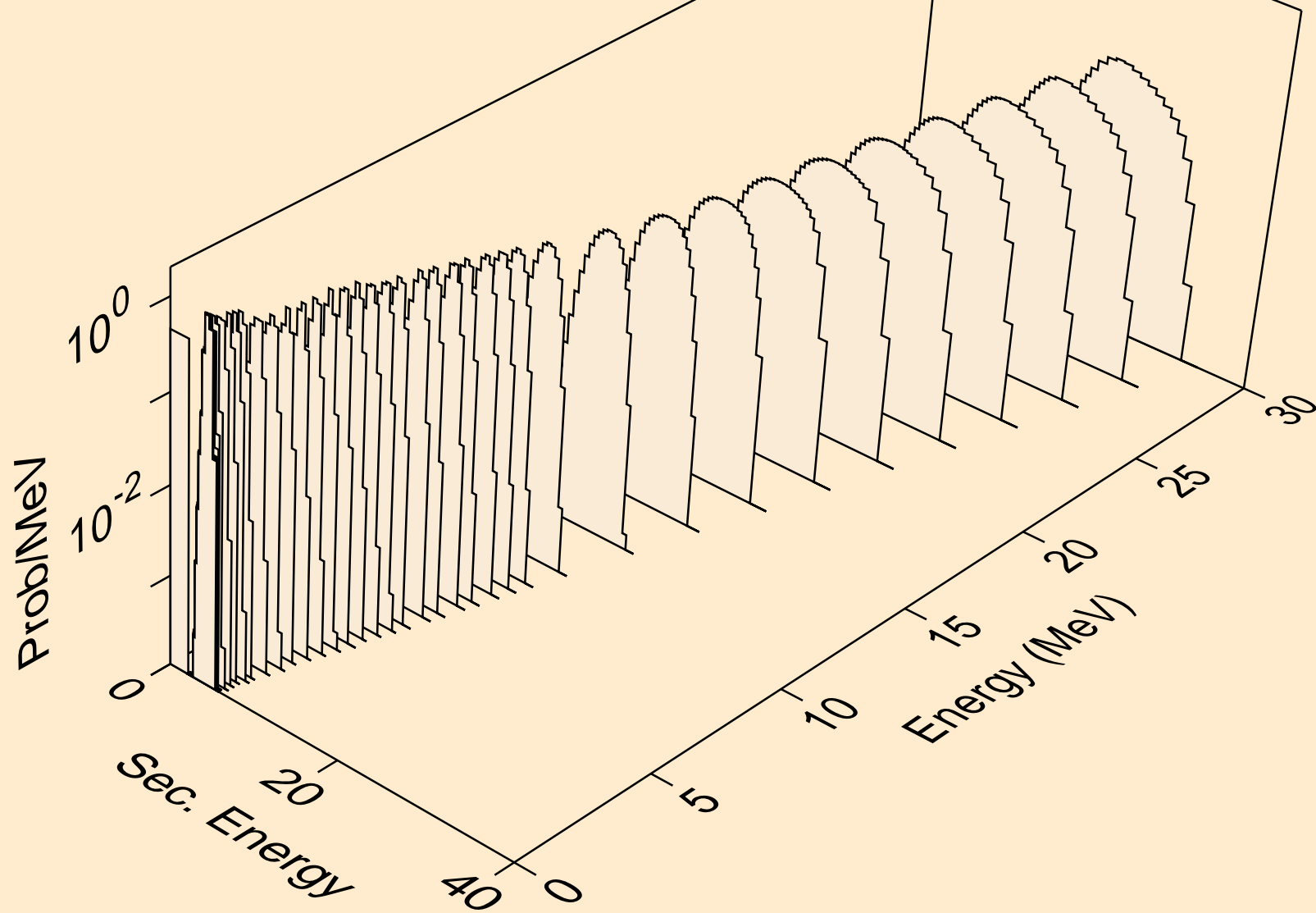
Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



Y080M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

