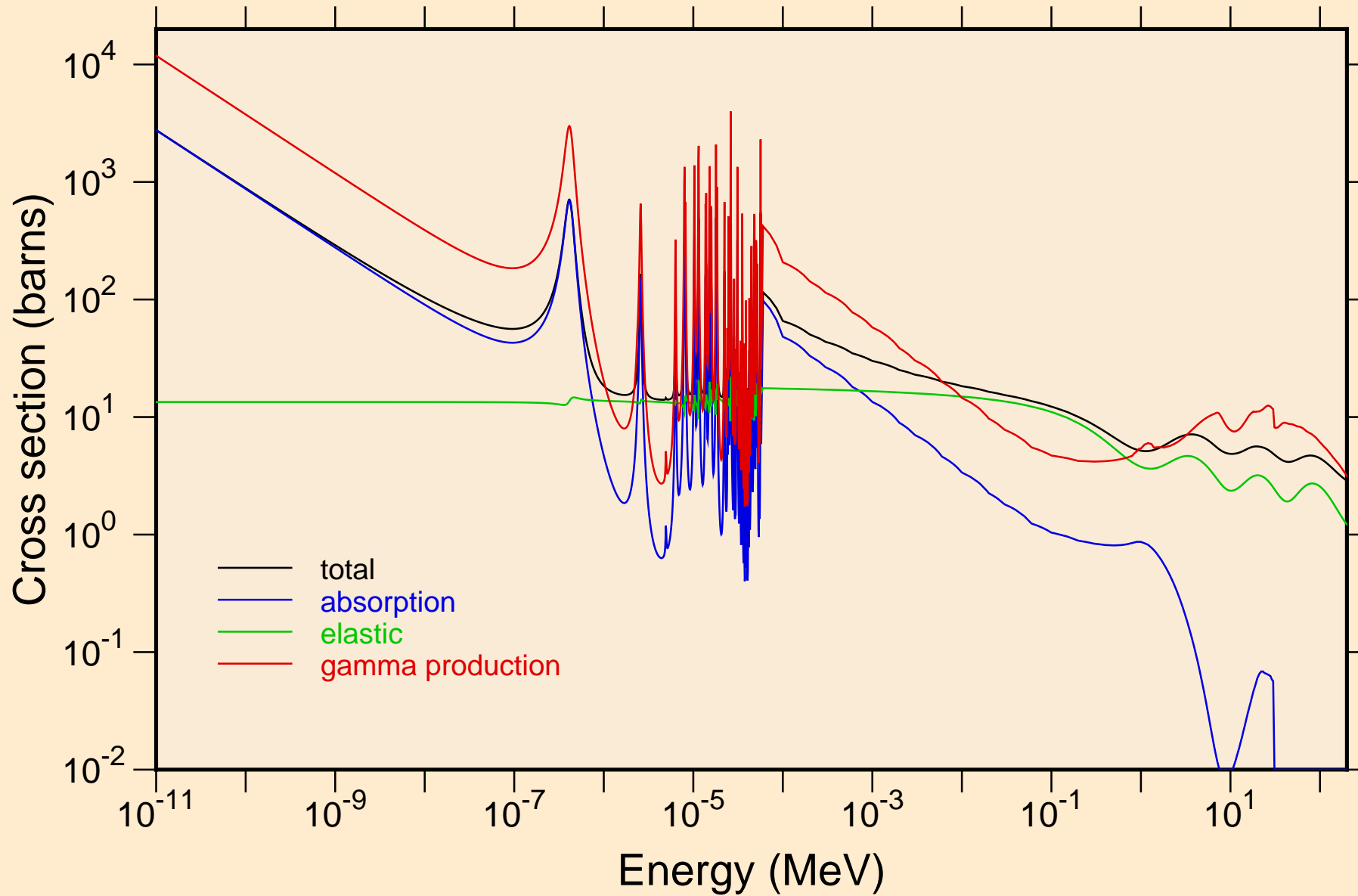
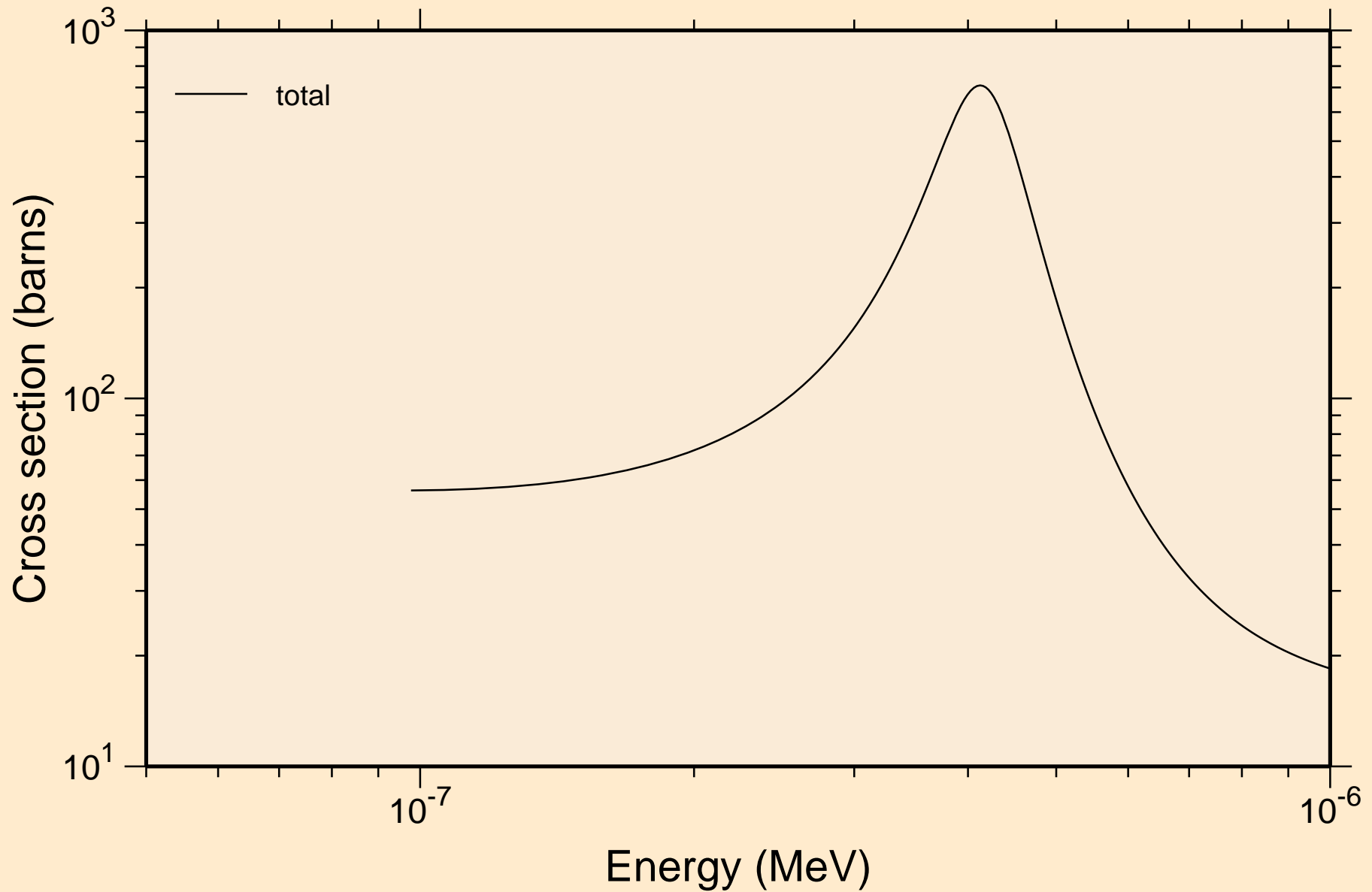


# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

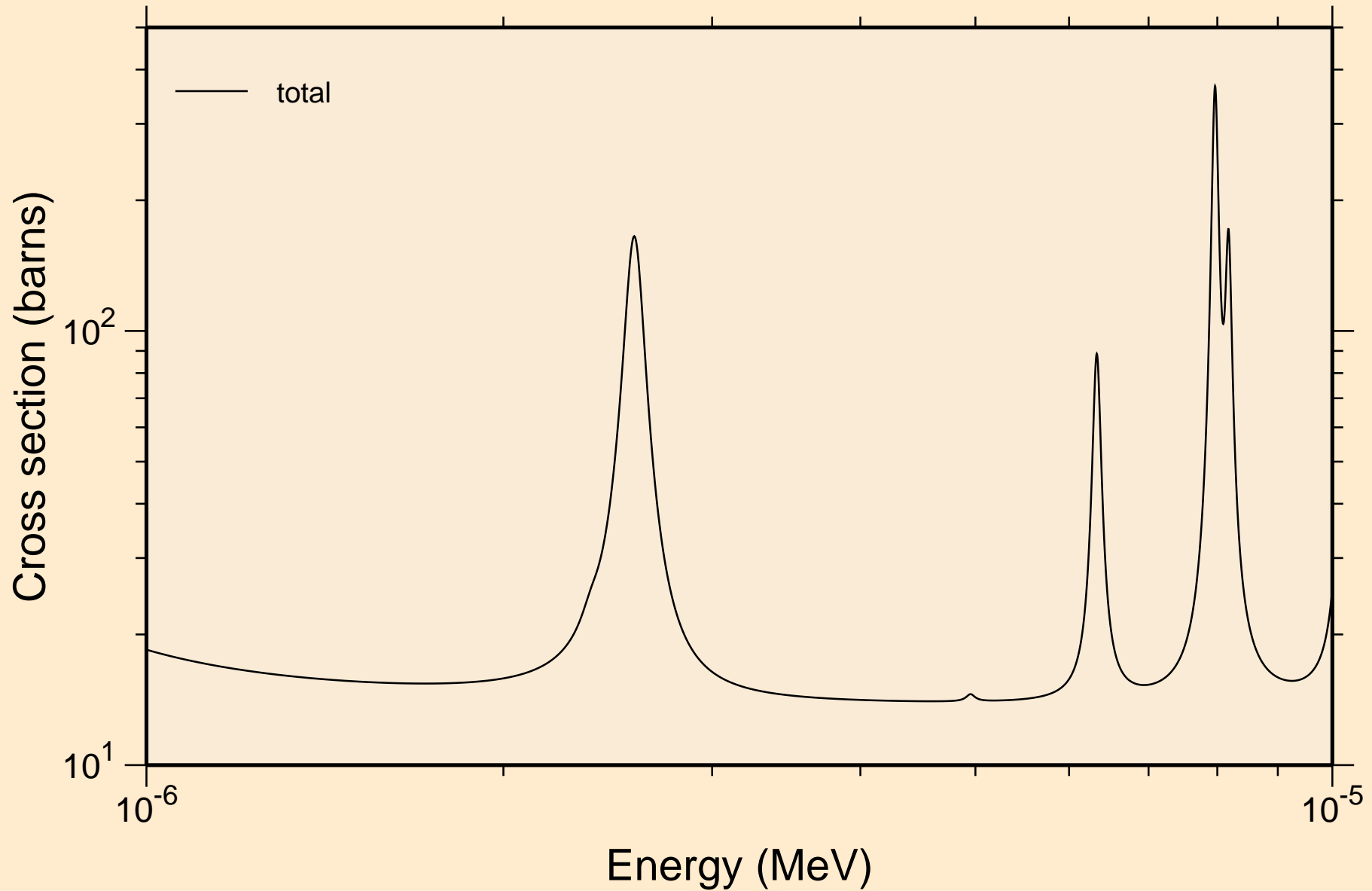
## Principal cross sections



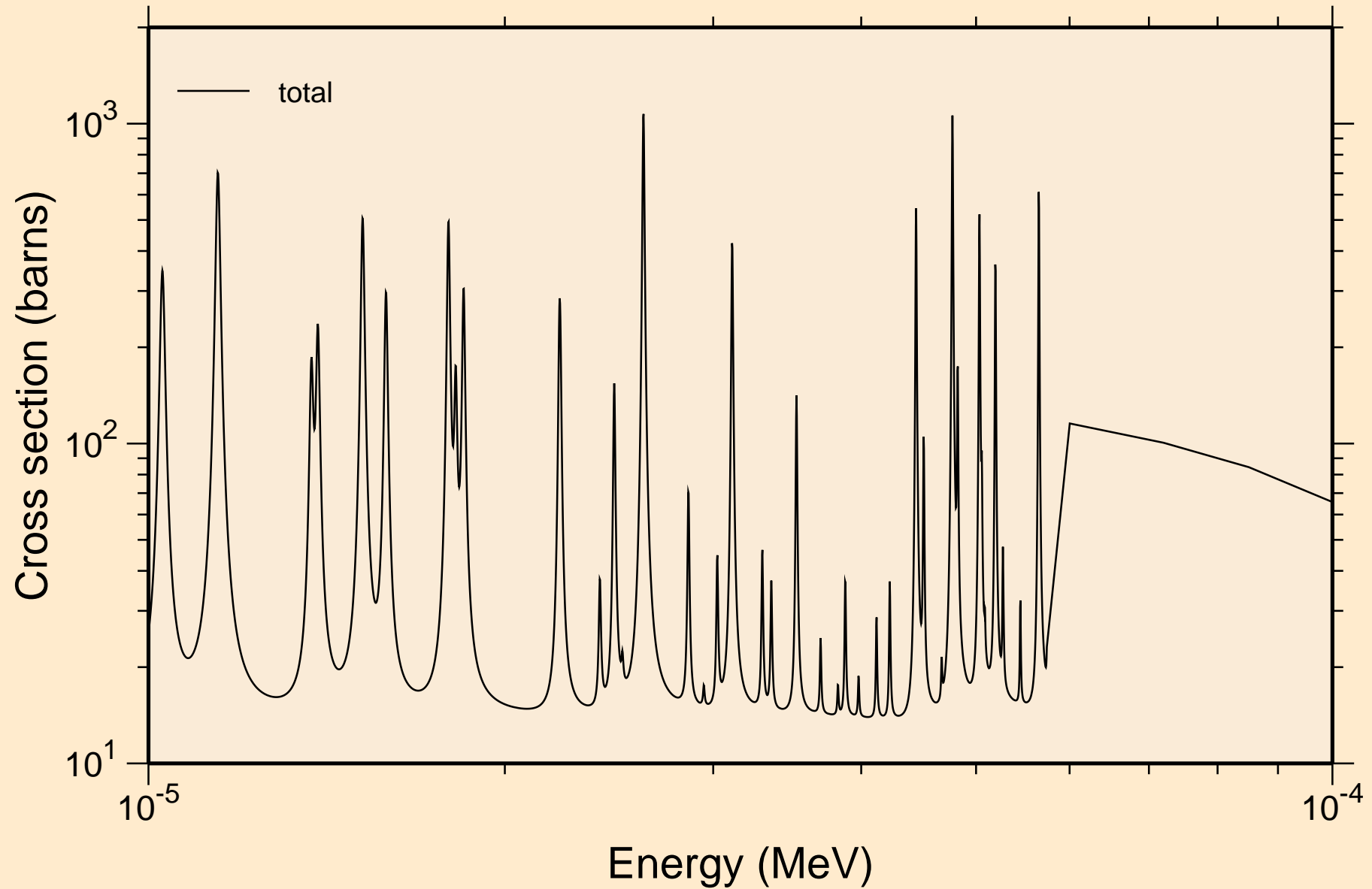
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



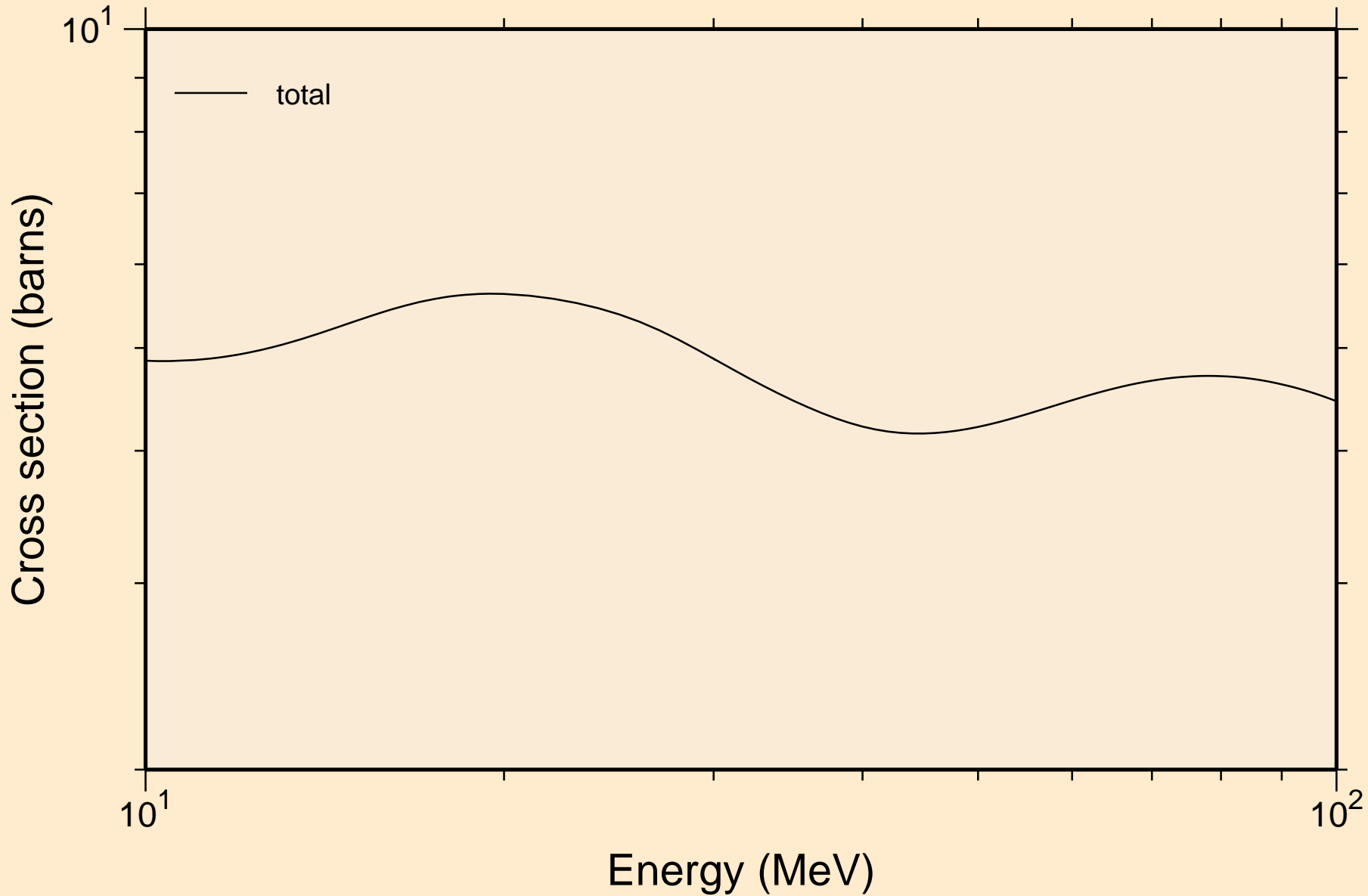
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



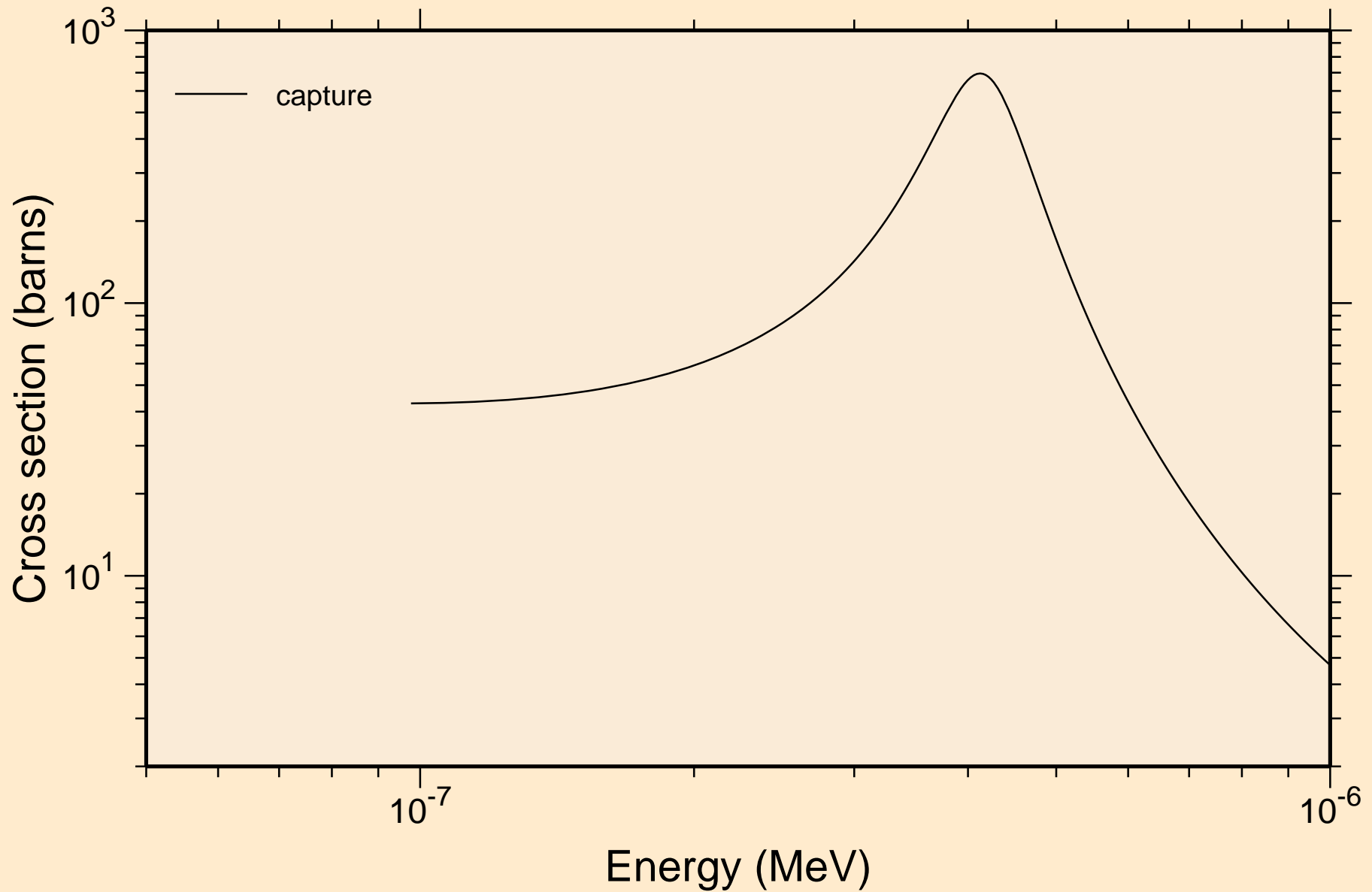
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resonance total cross section



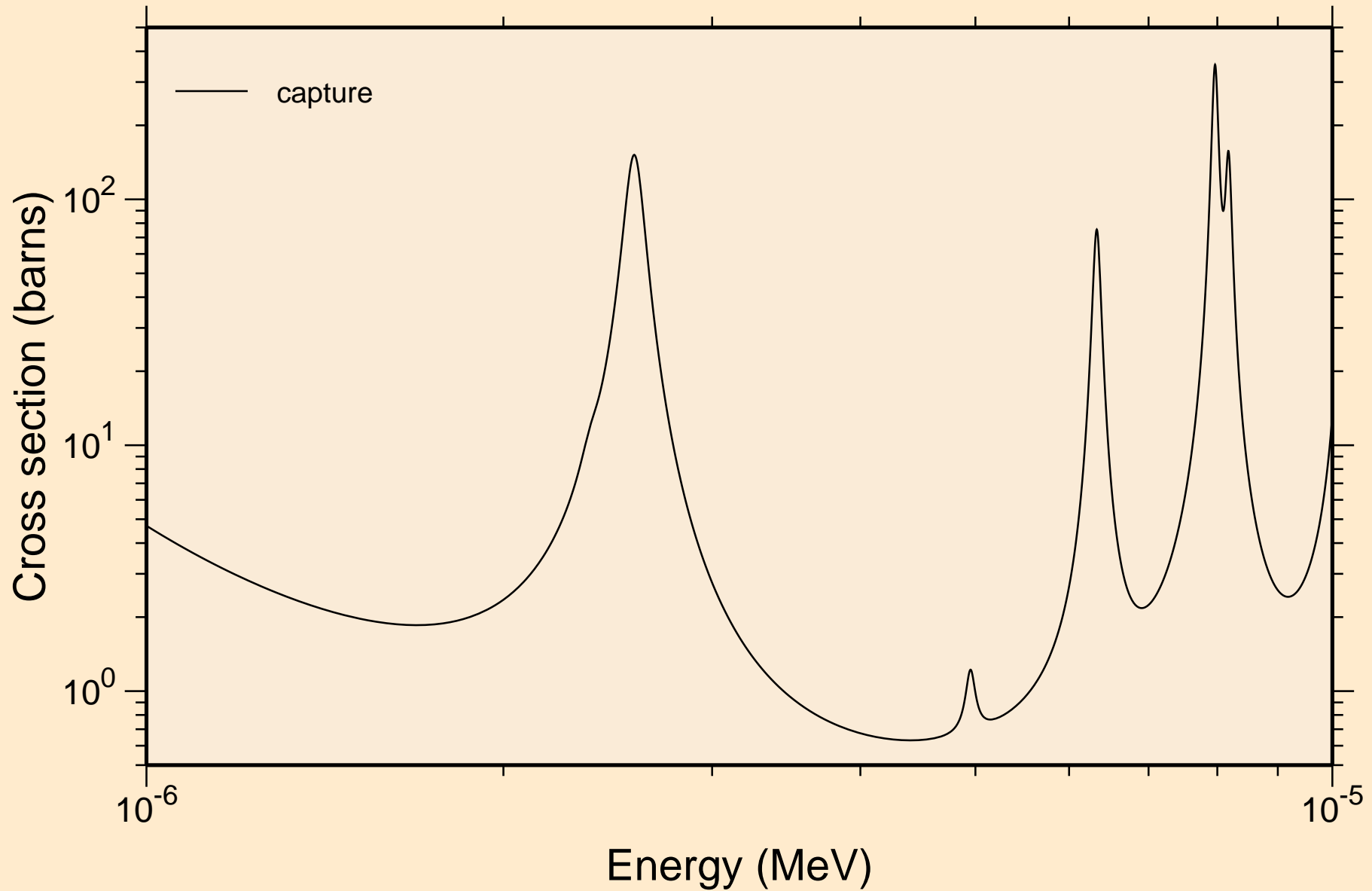
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



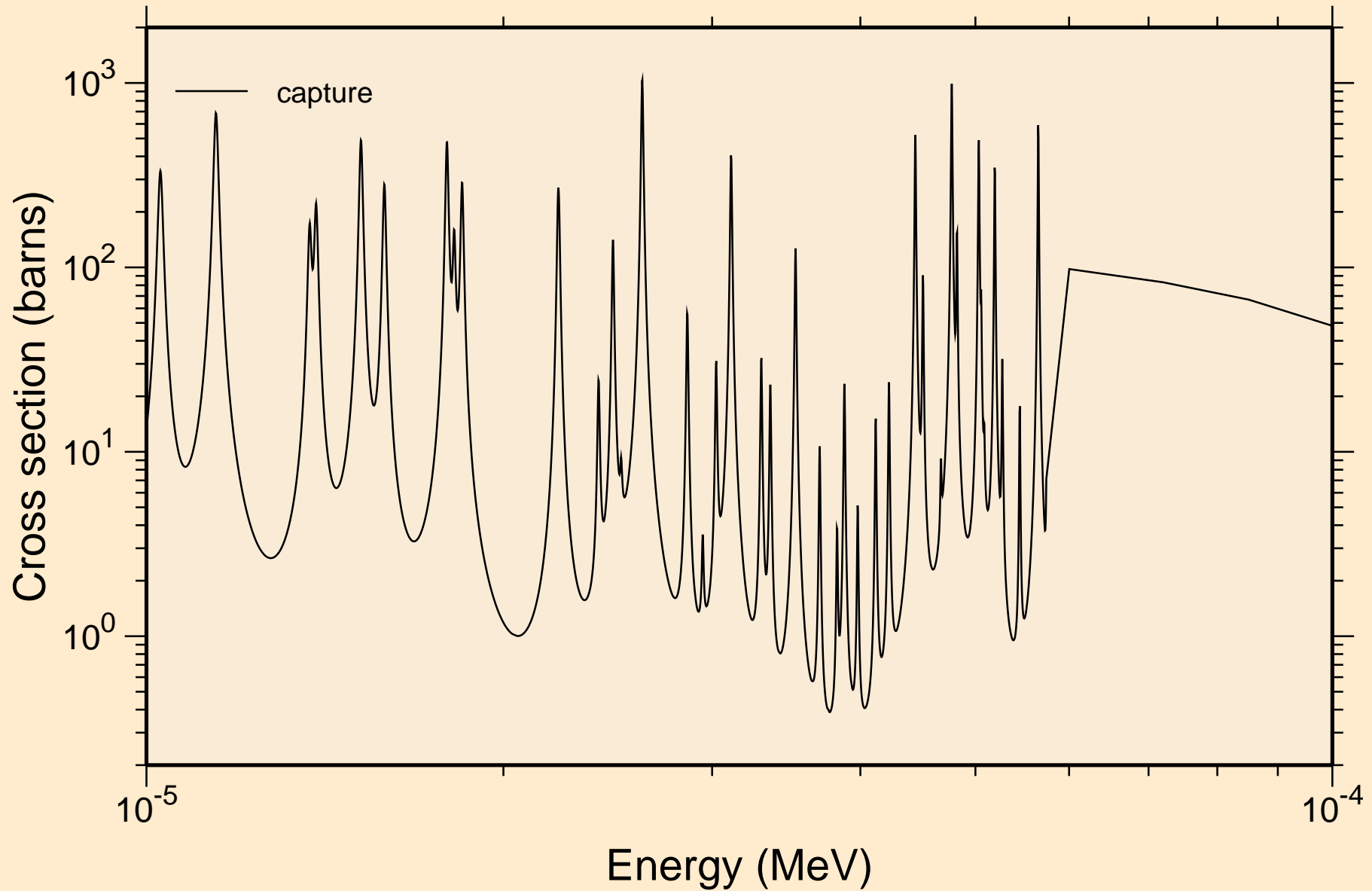
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

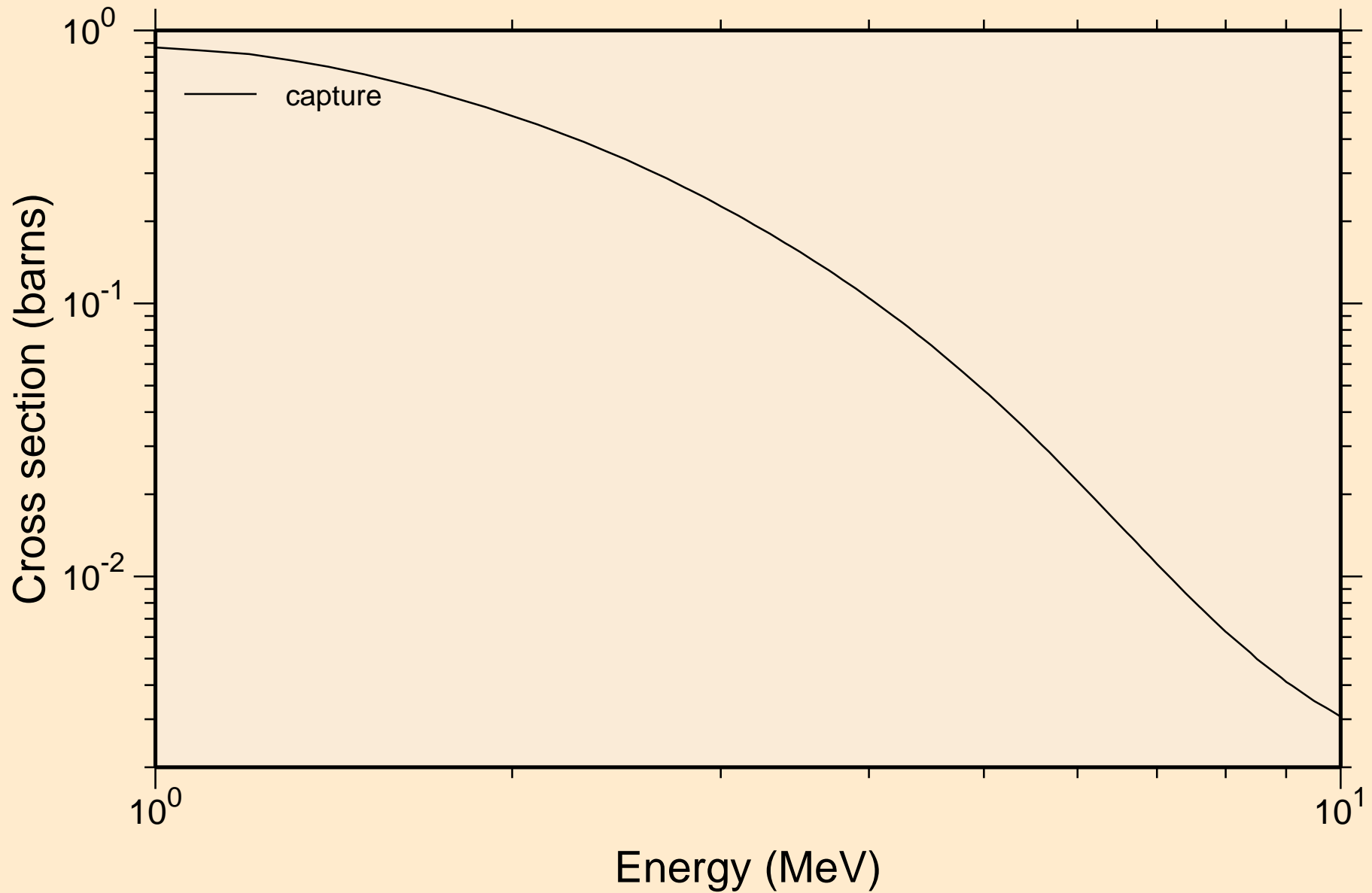


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

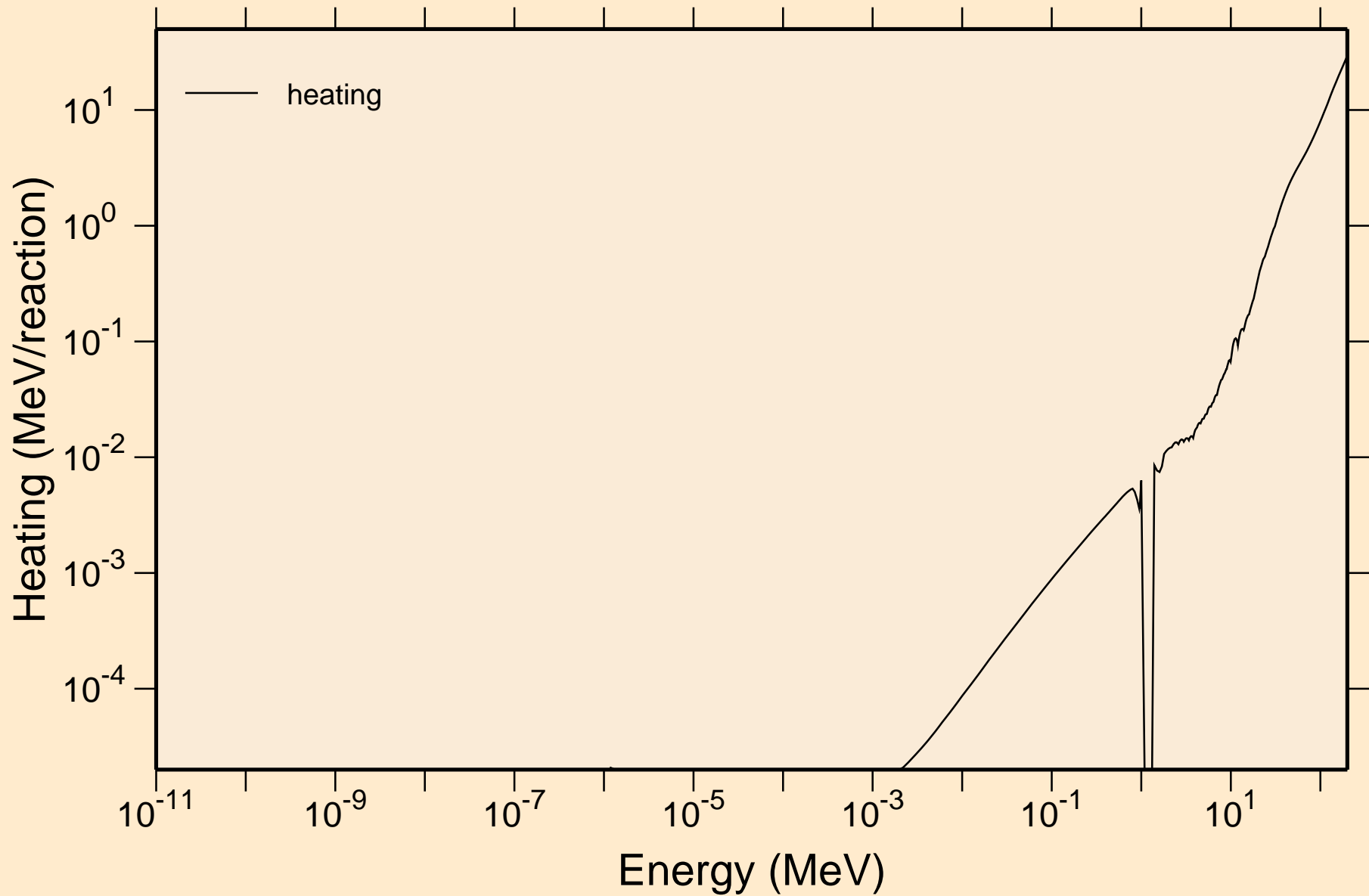




AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

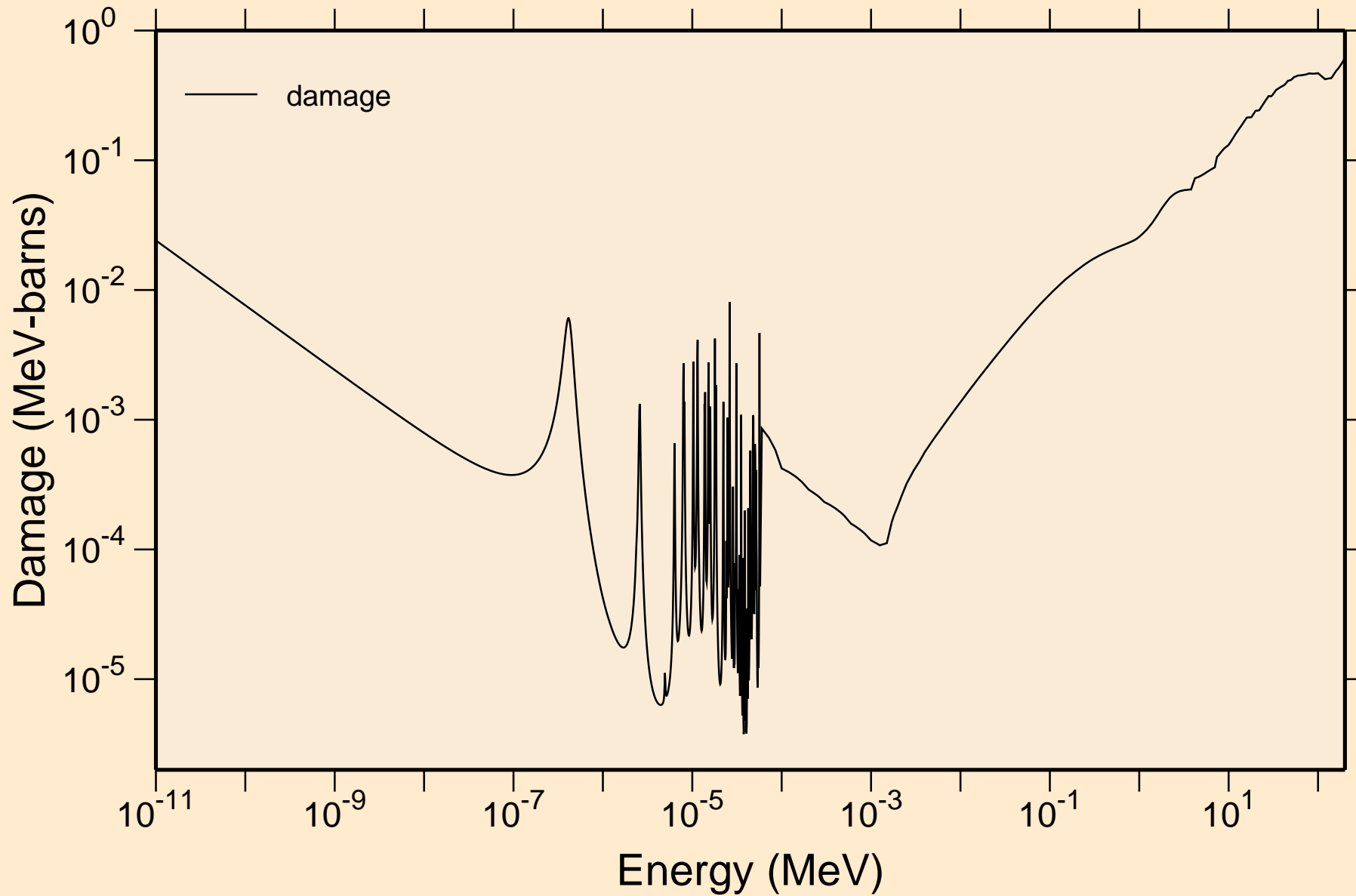


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



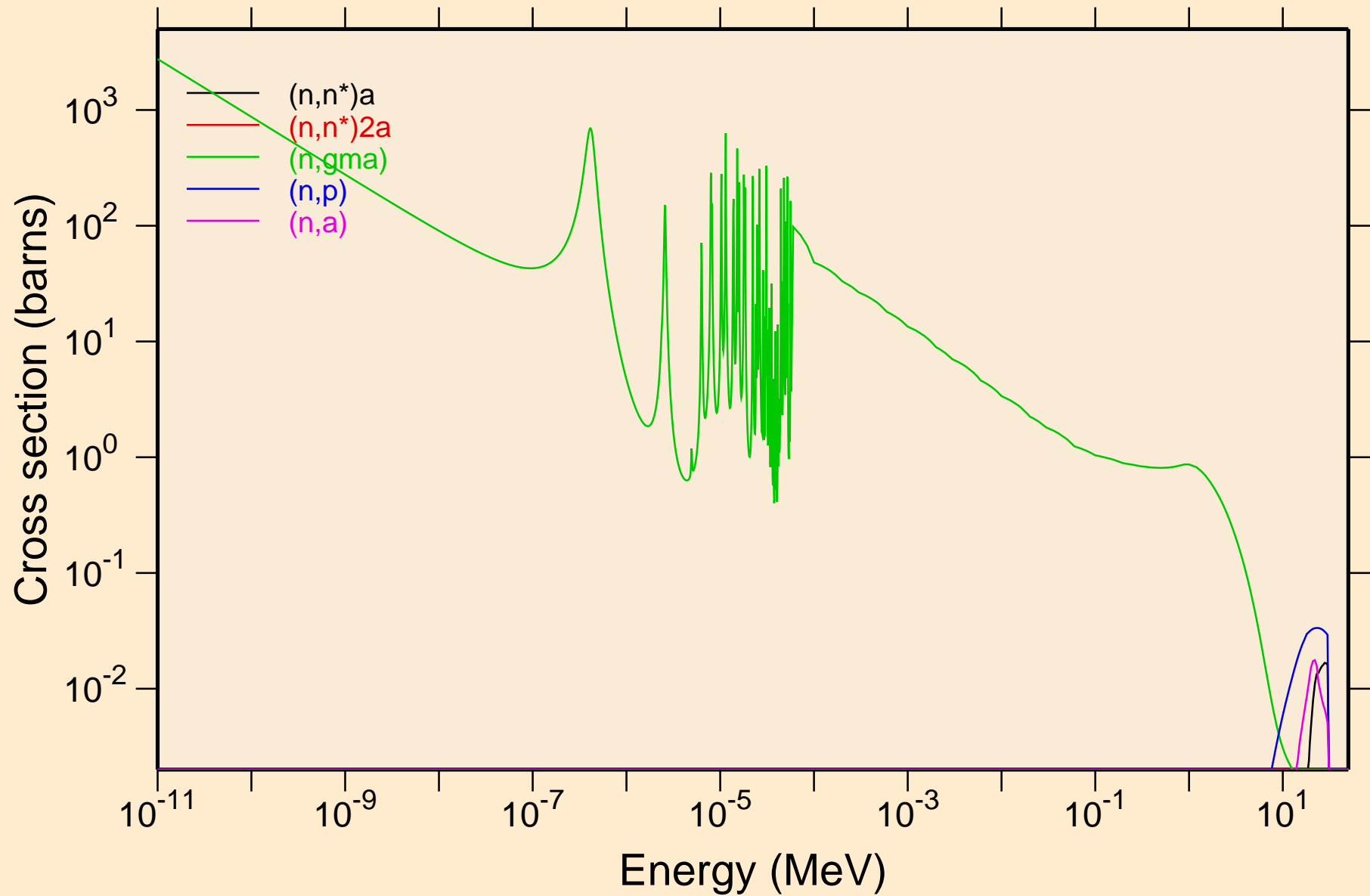
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## Damage

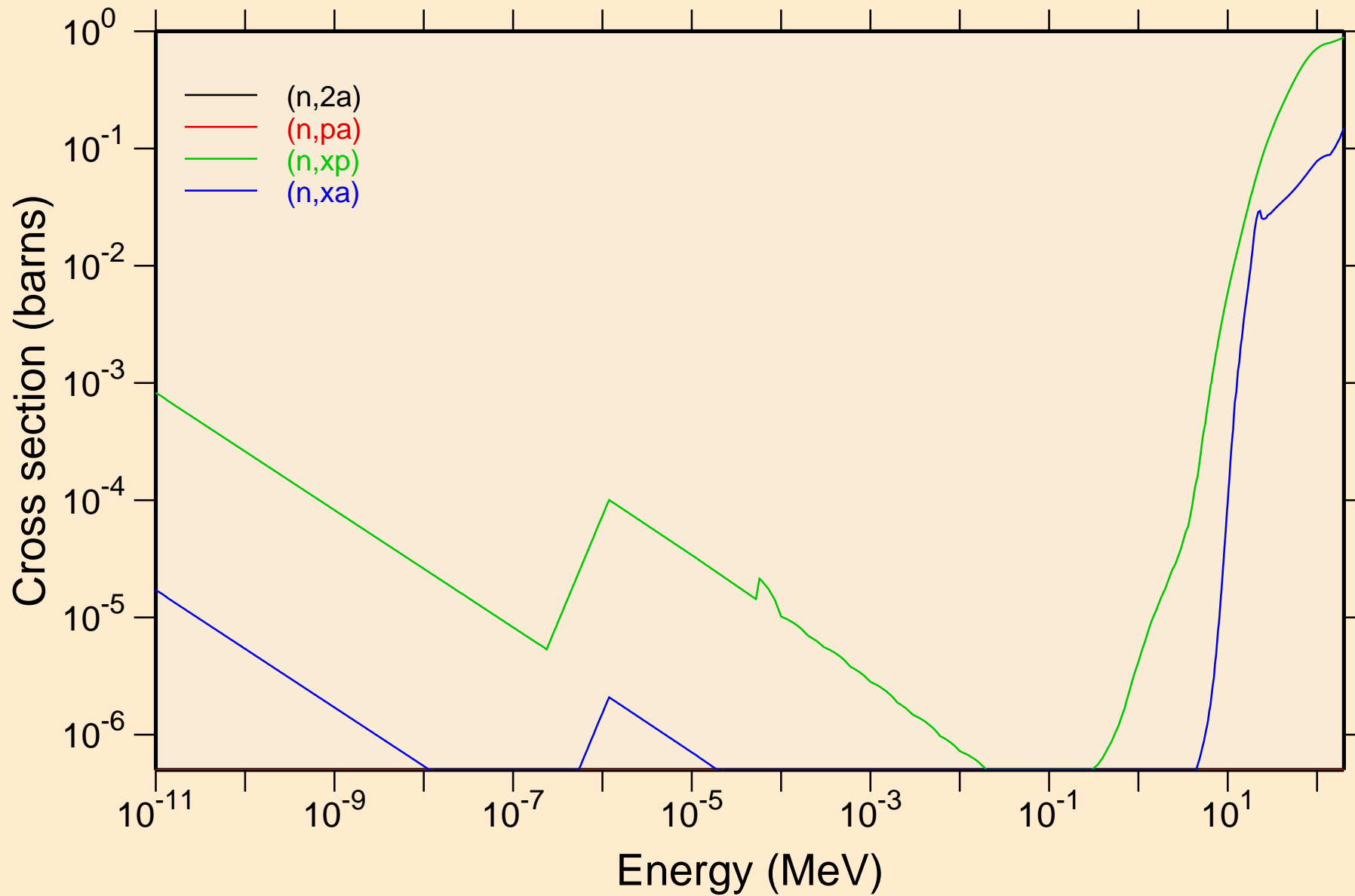


# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

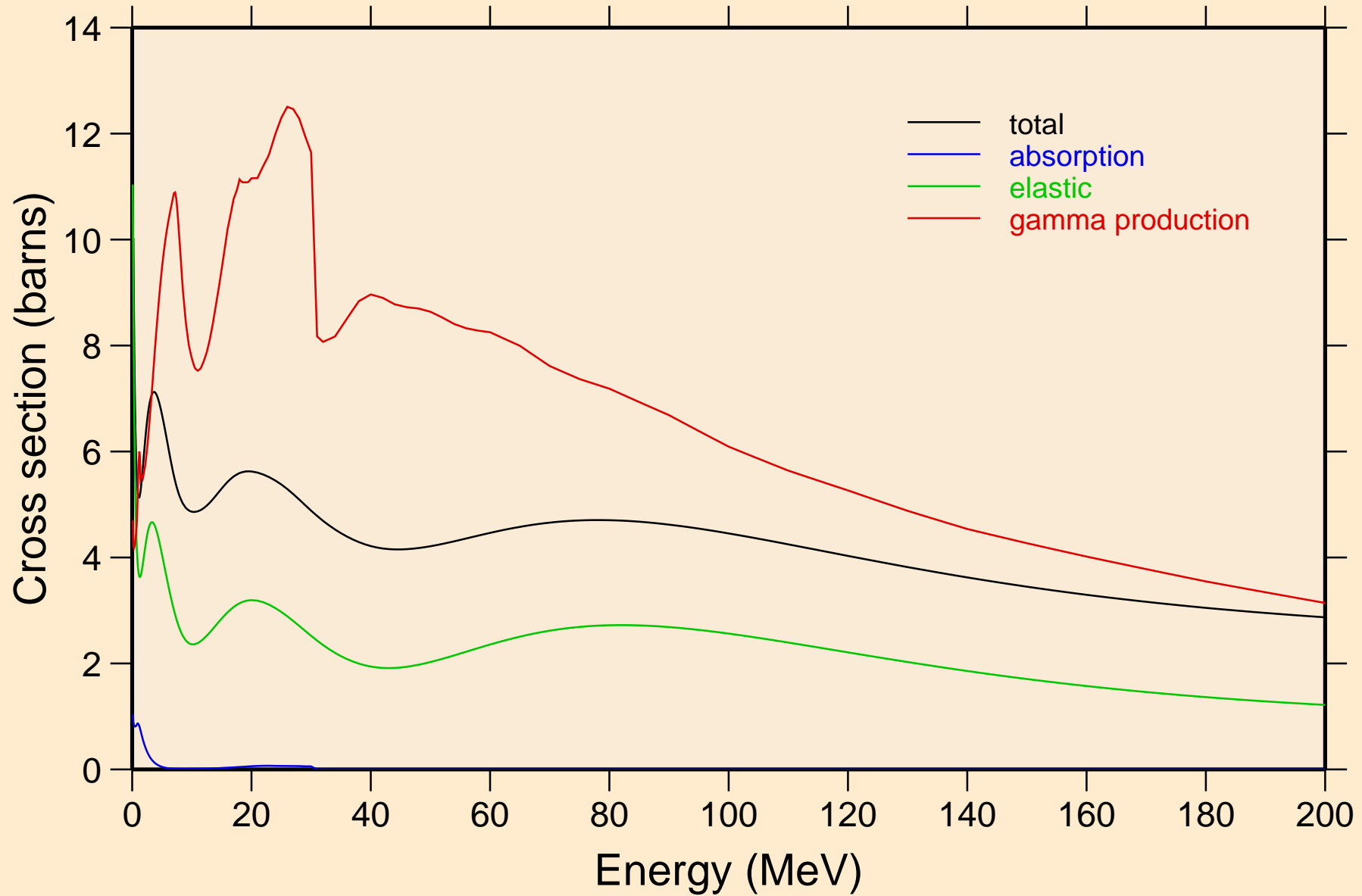


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



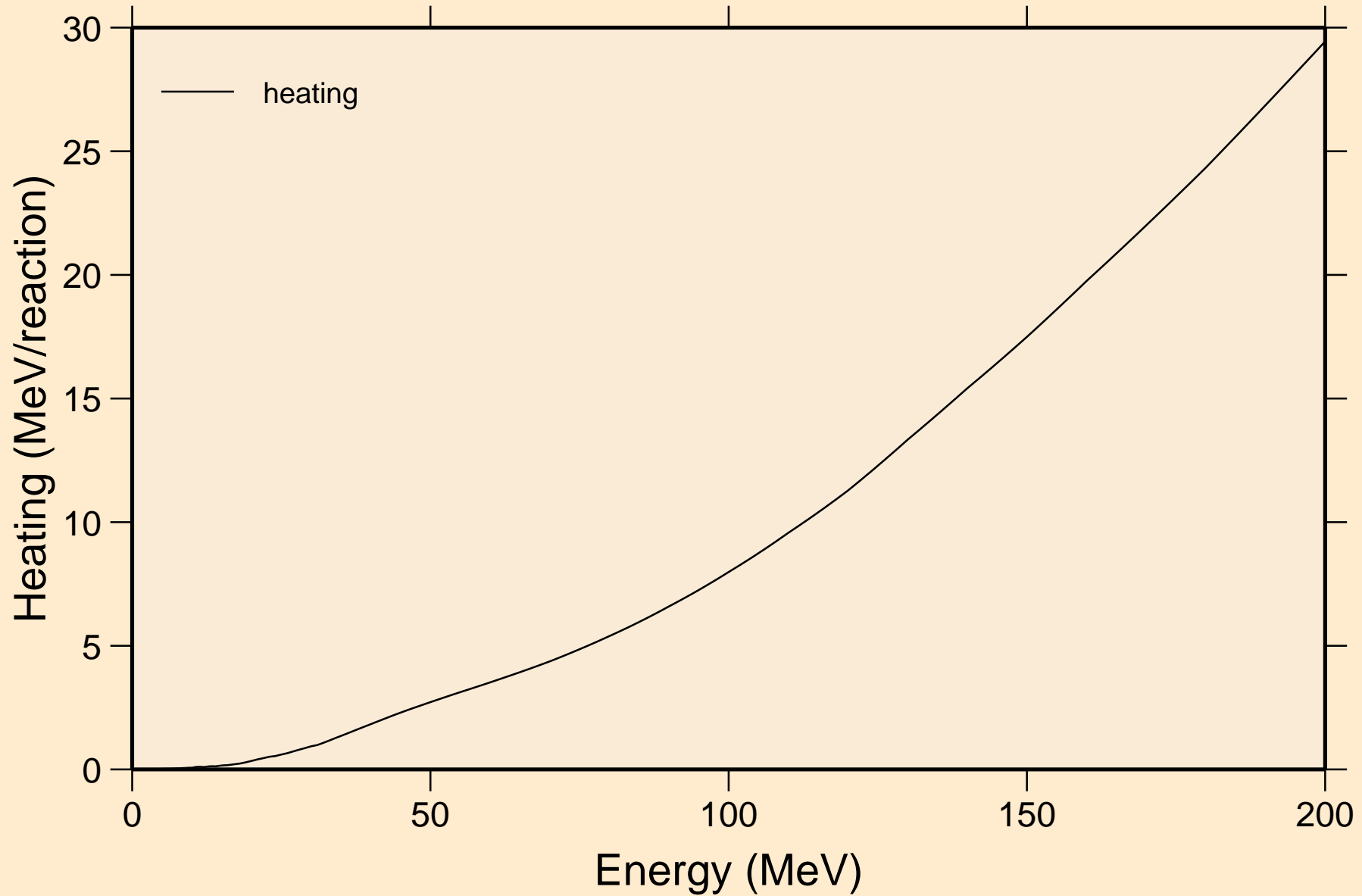
# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



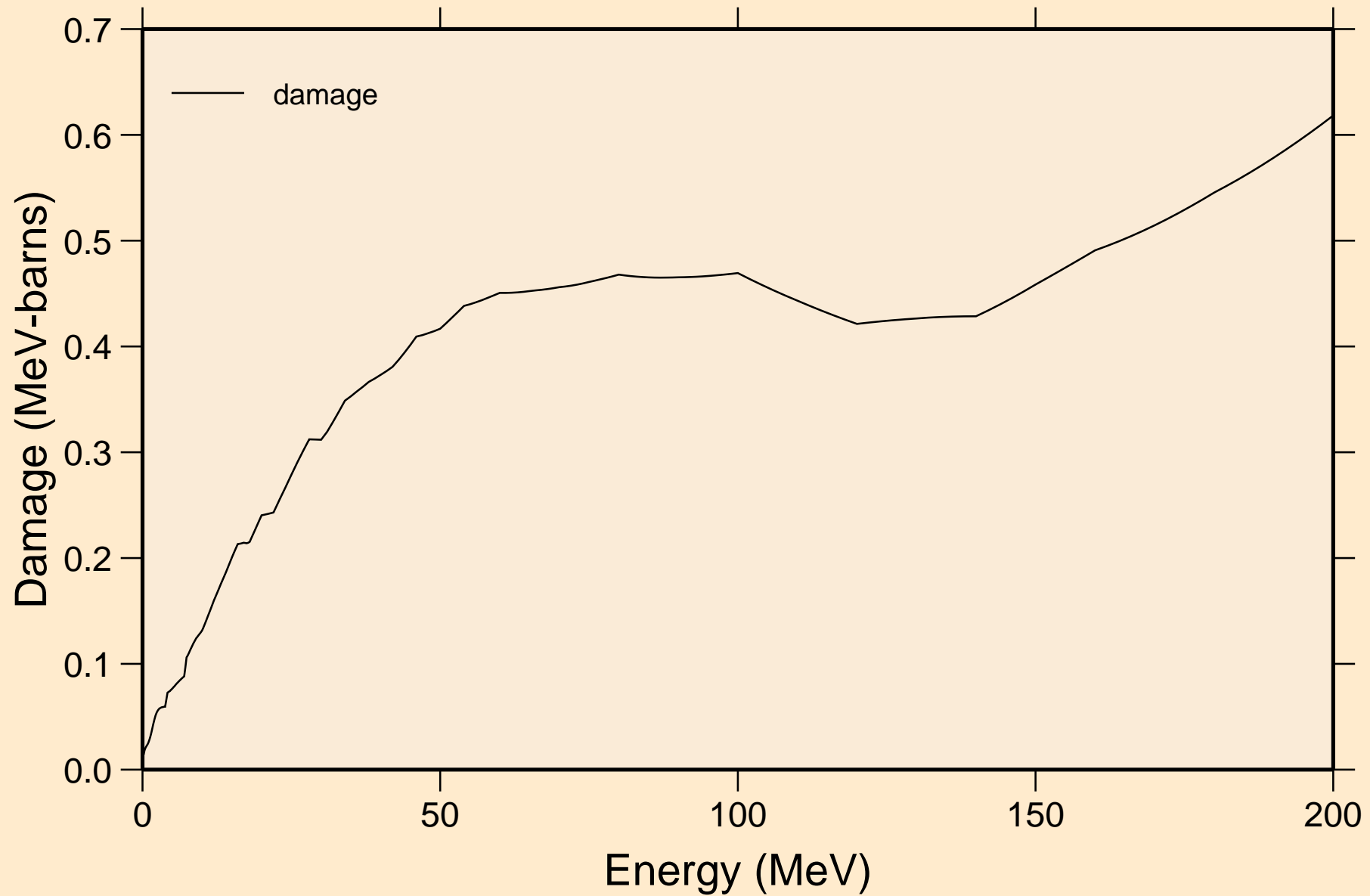
# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



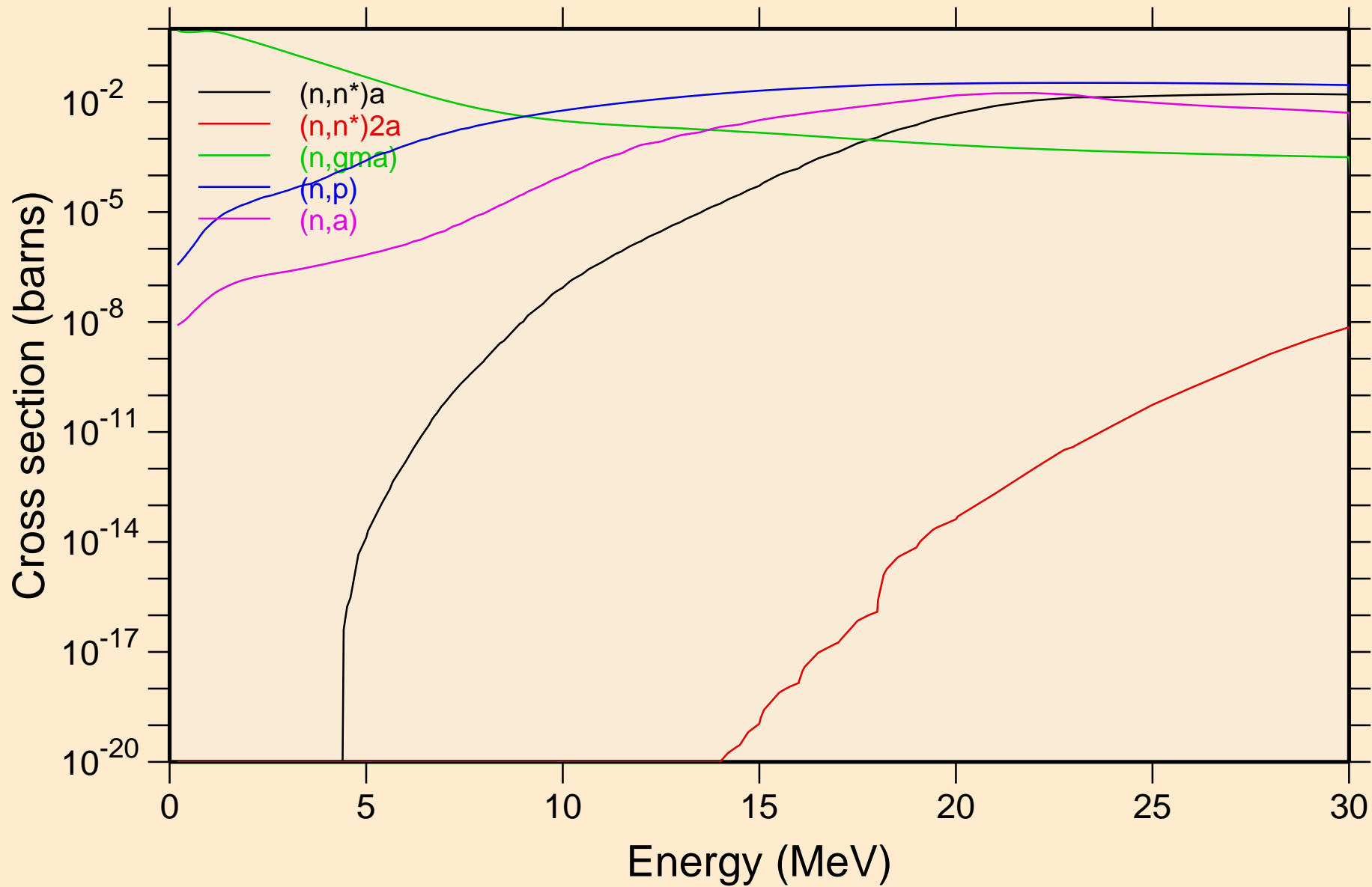
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## Damage

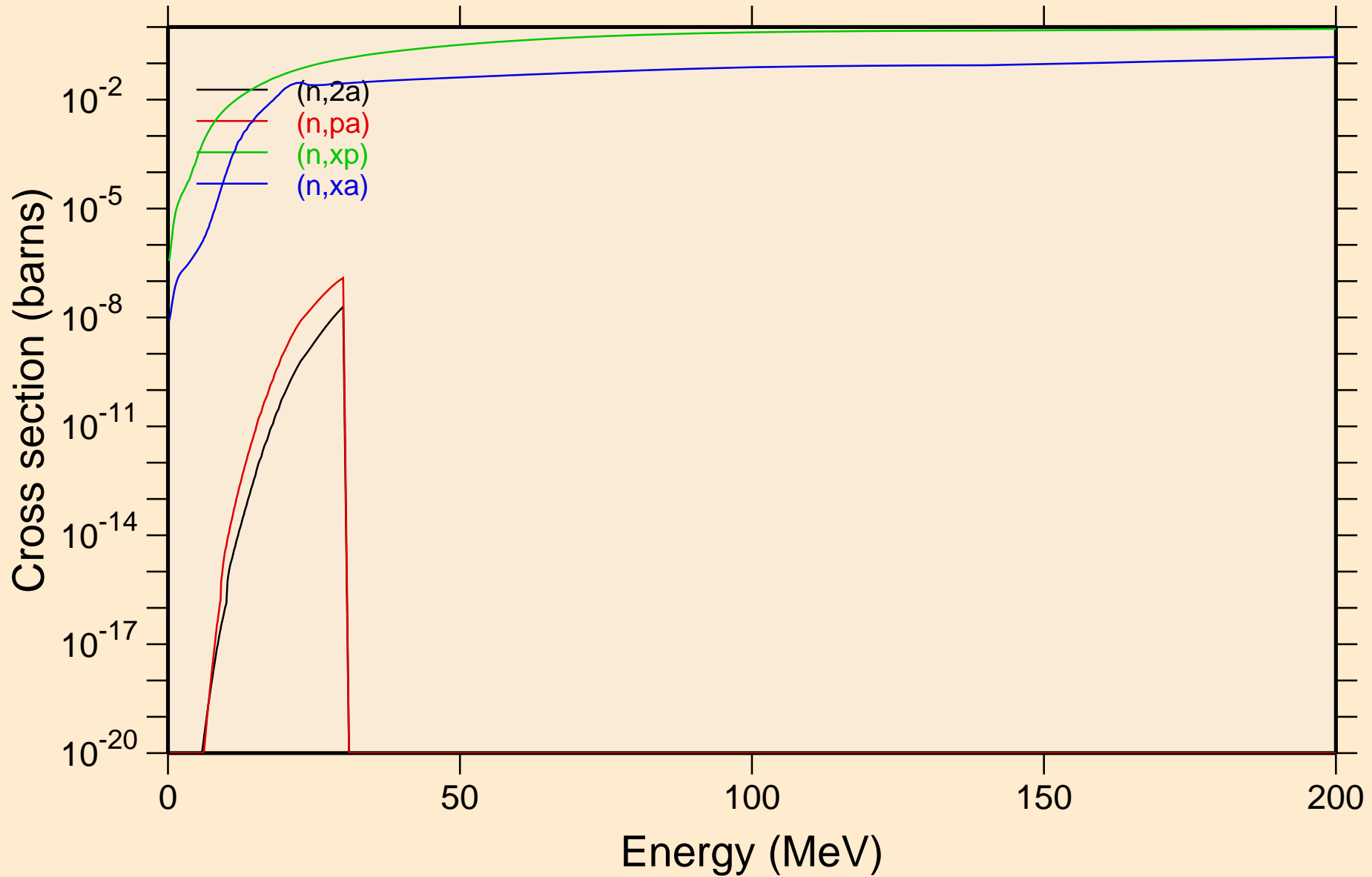




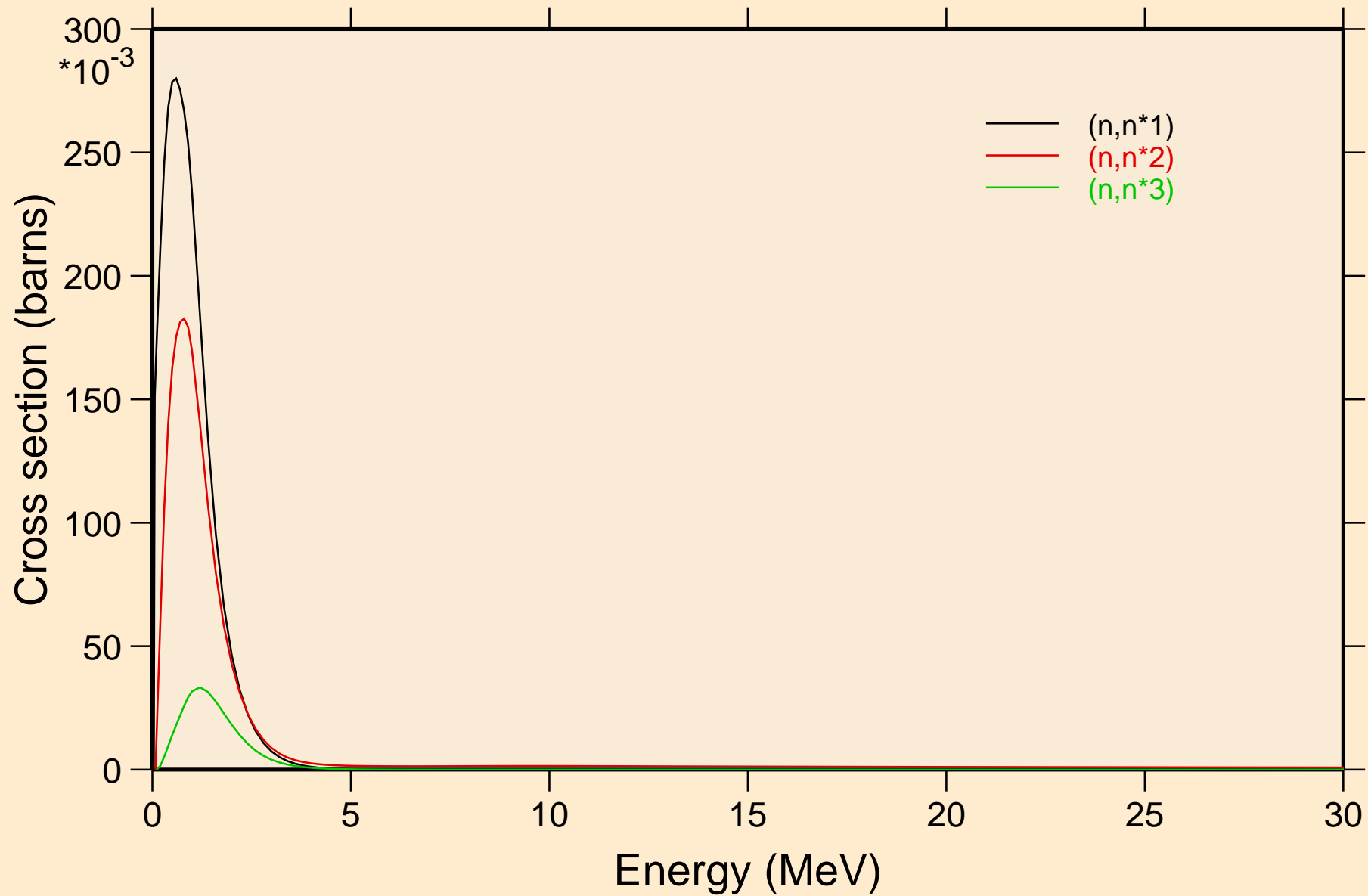
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



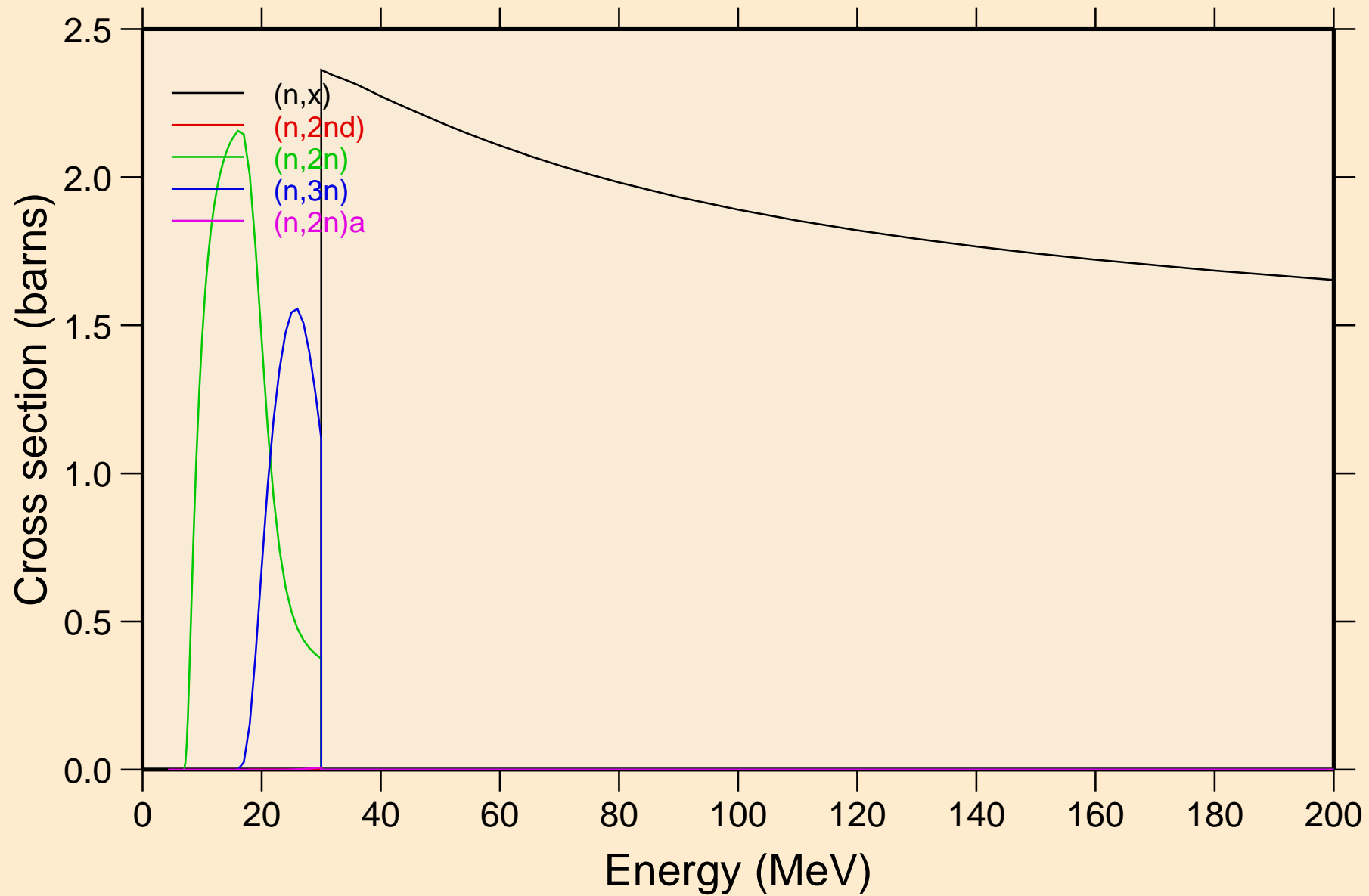
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

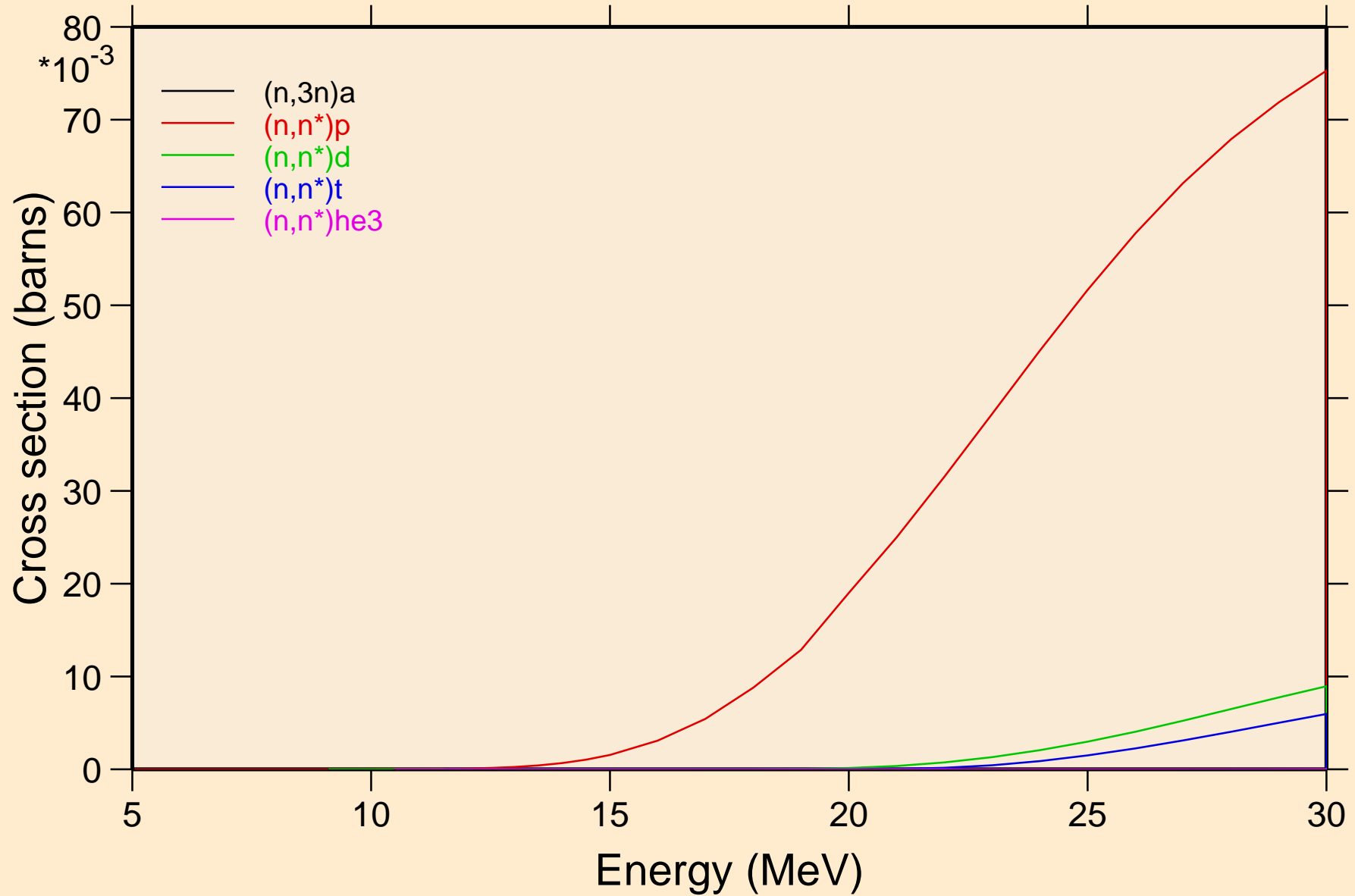


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

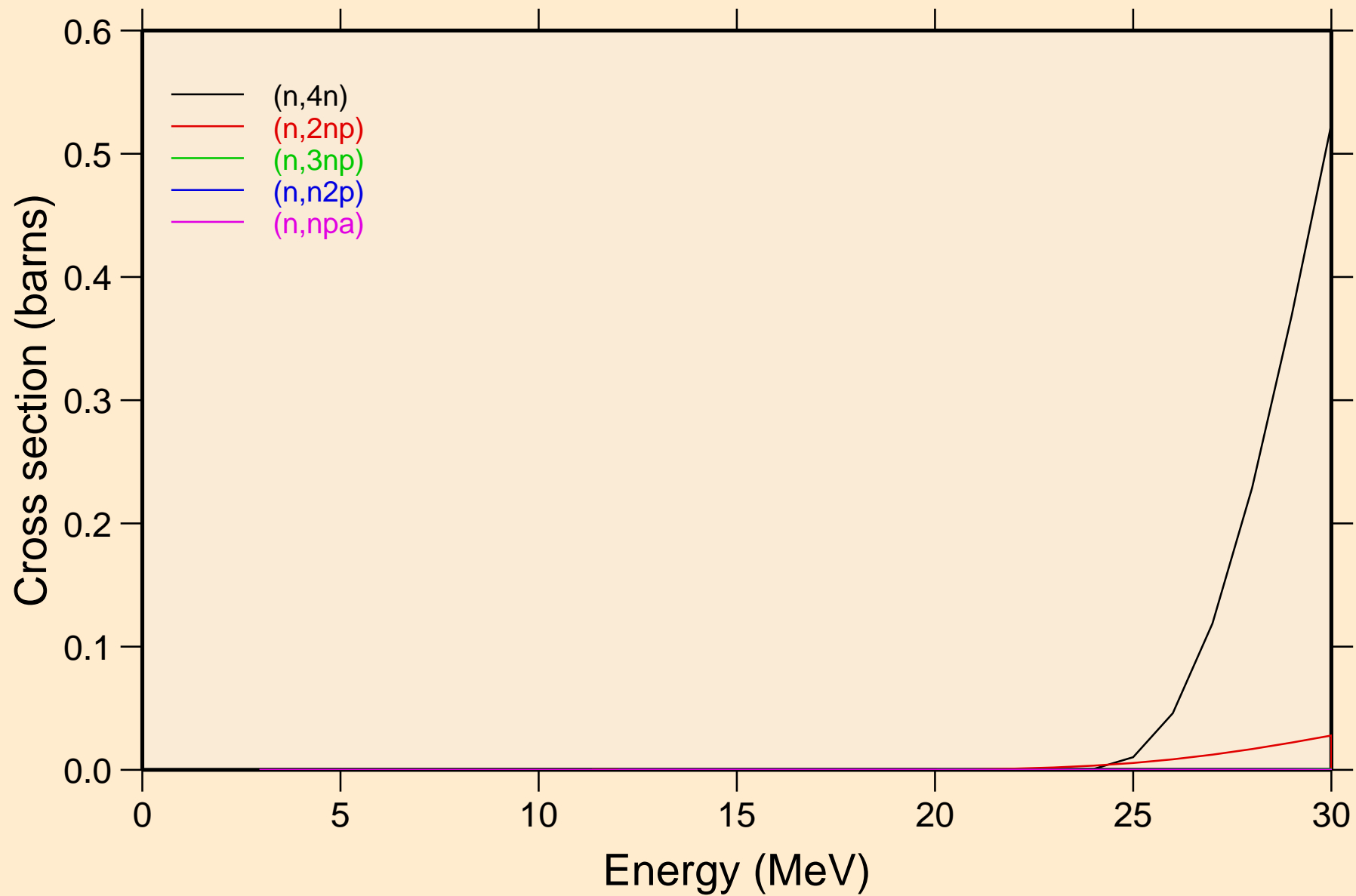


# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

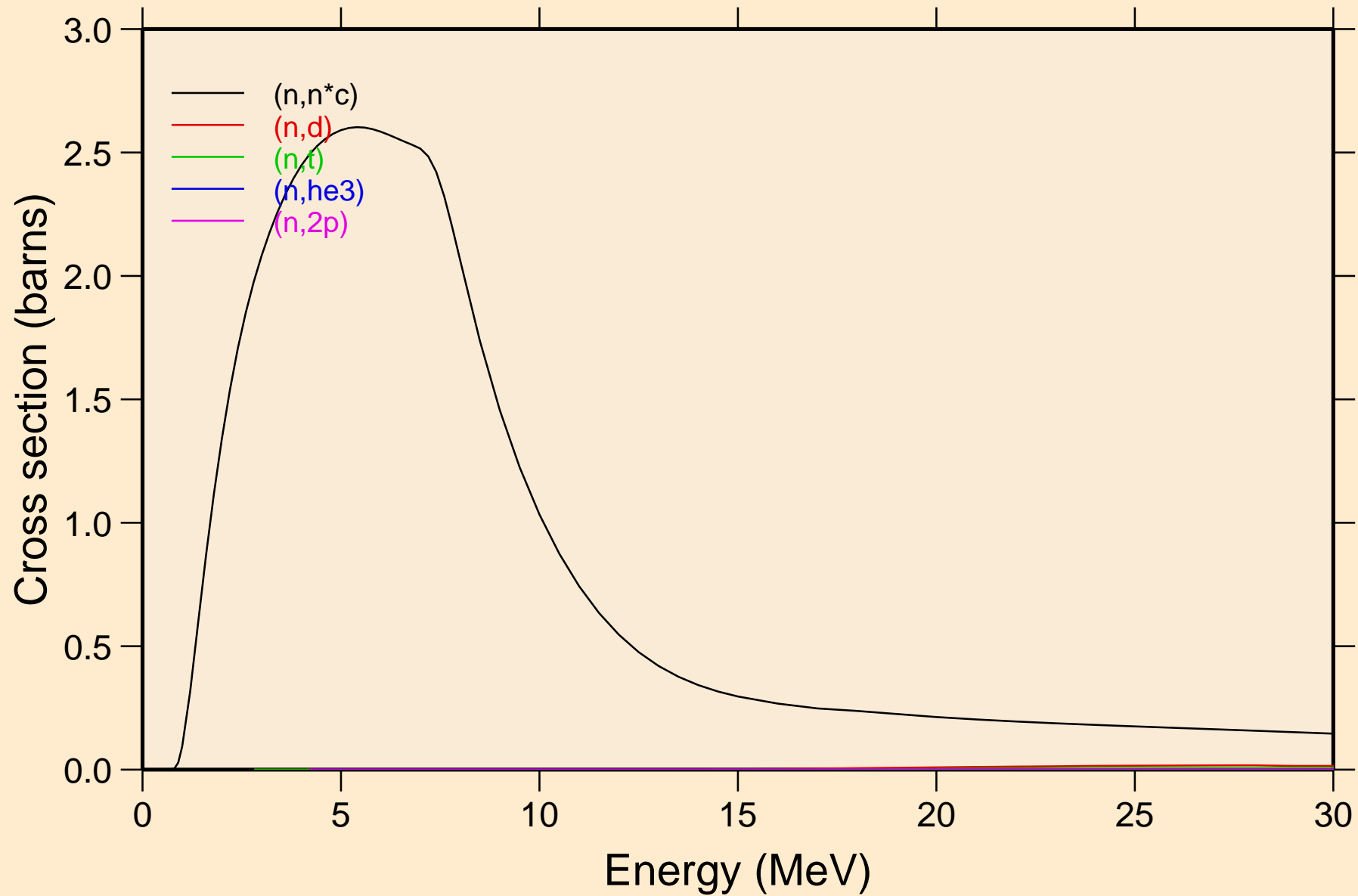


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



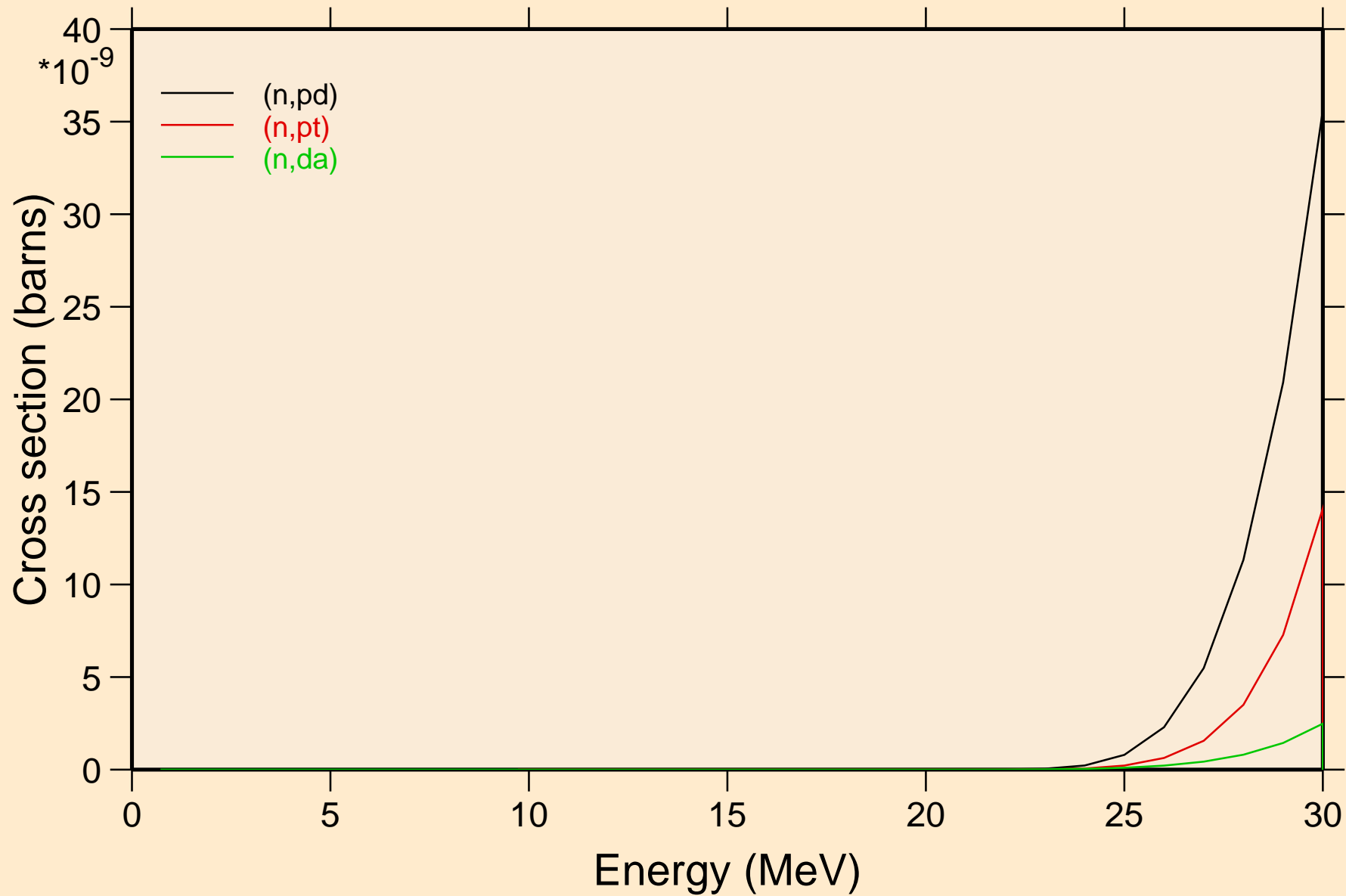
# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

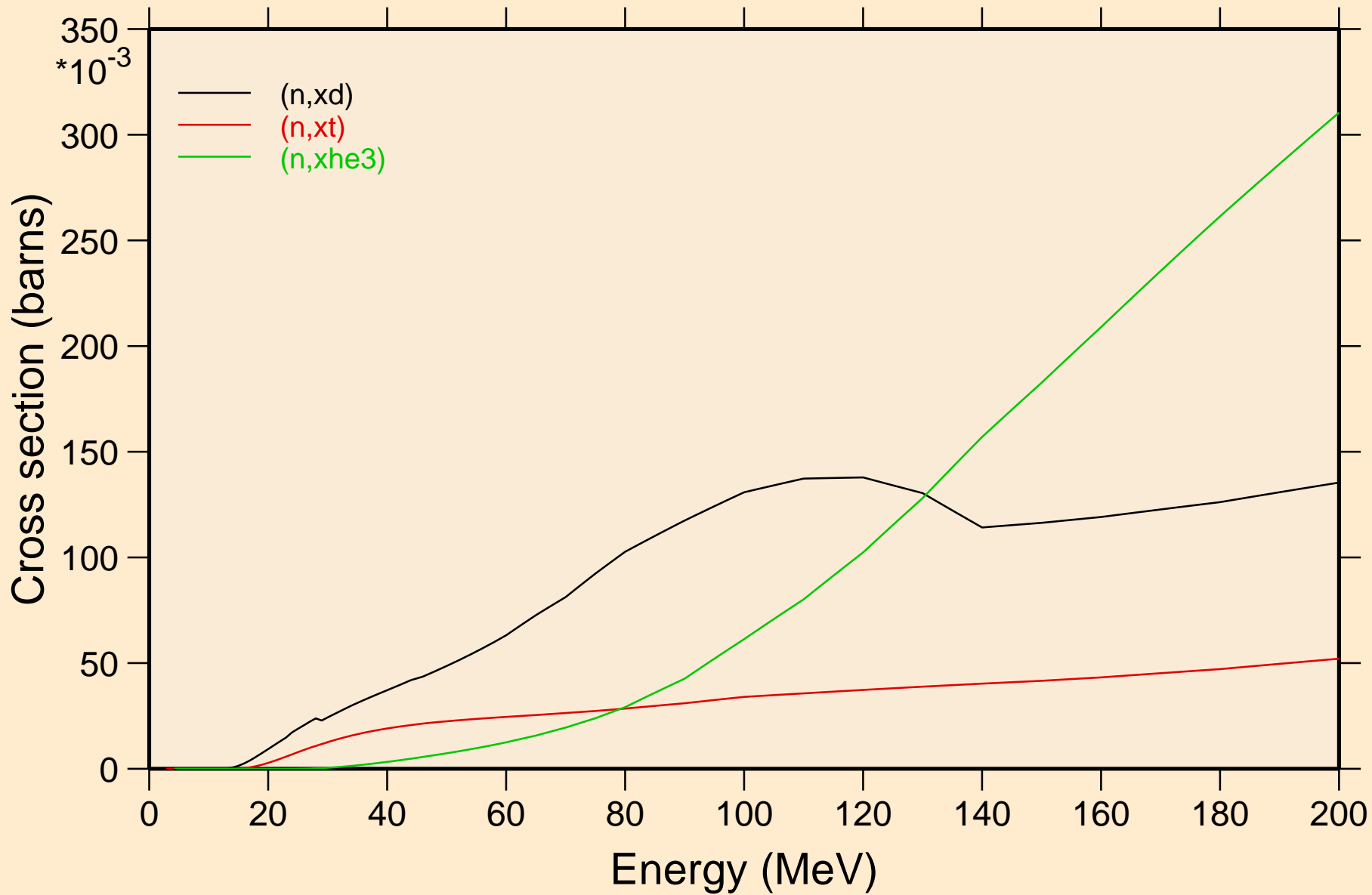
## Threshold reactions



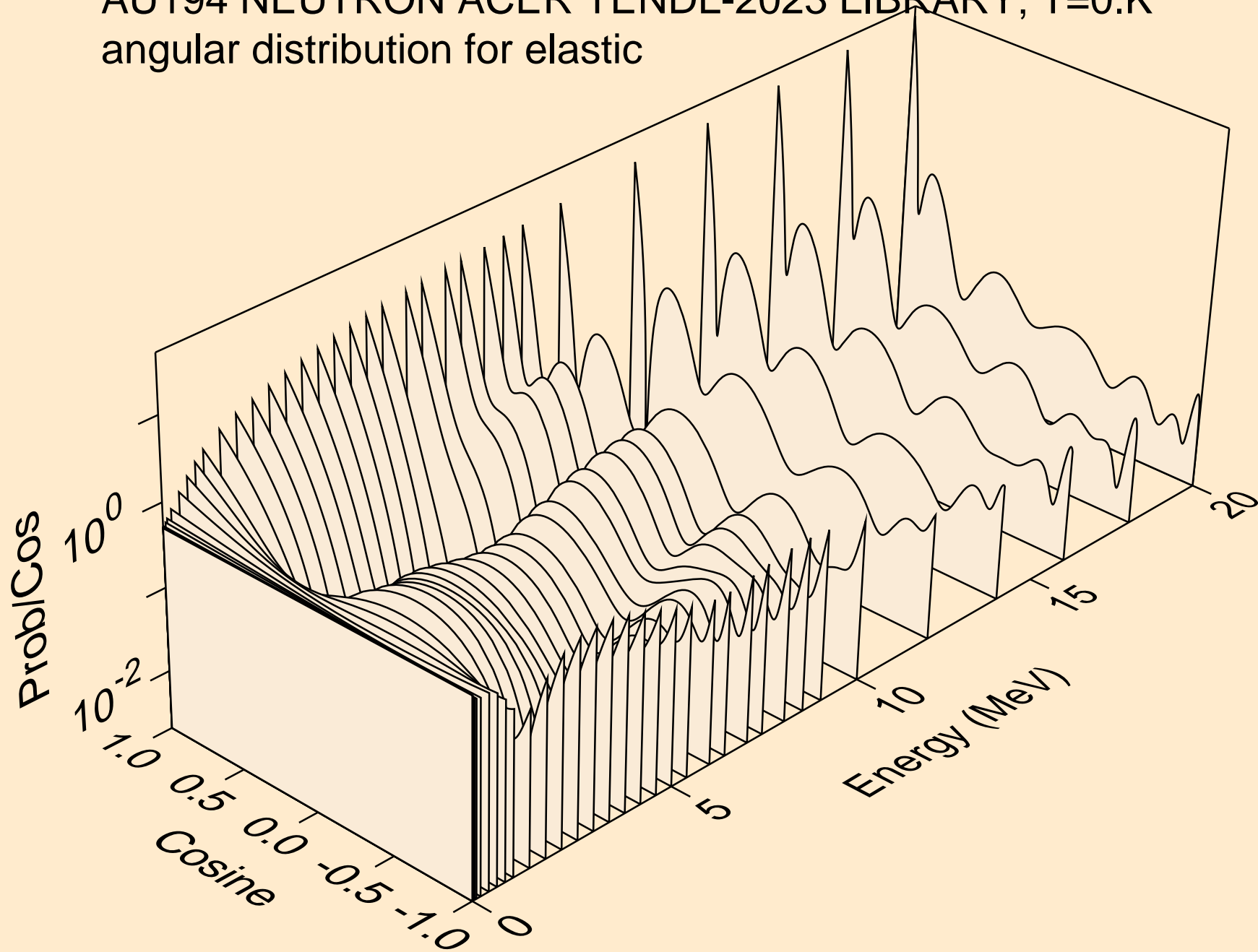


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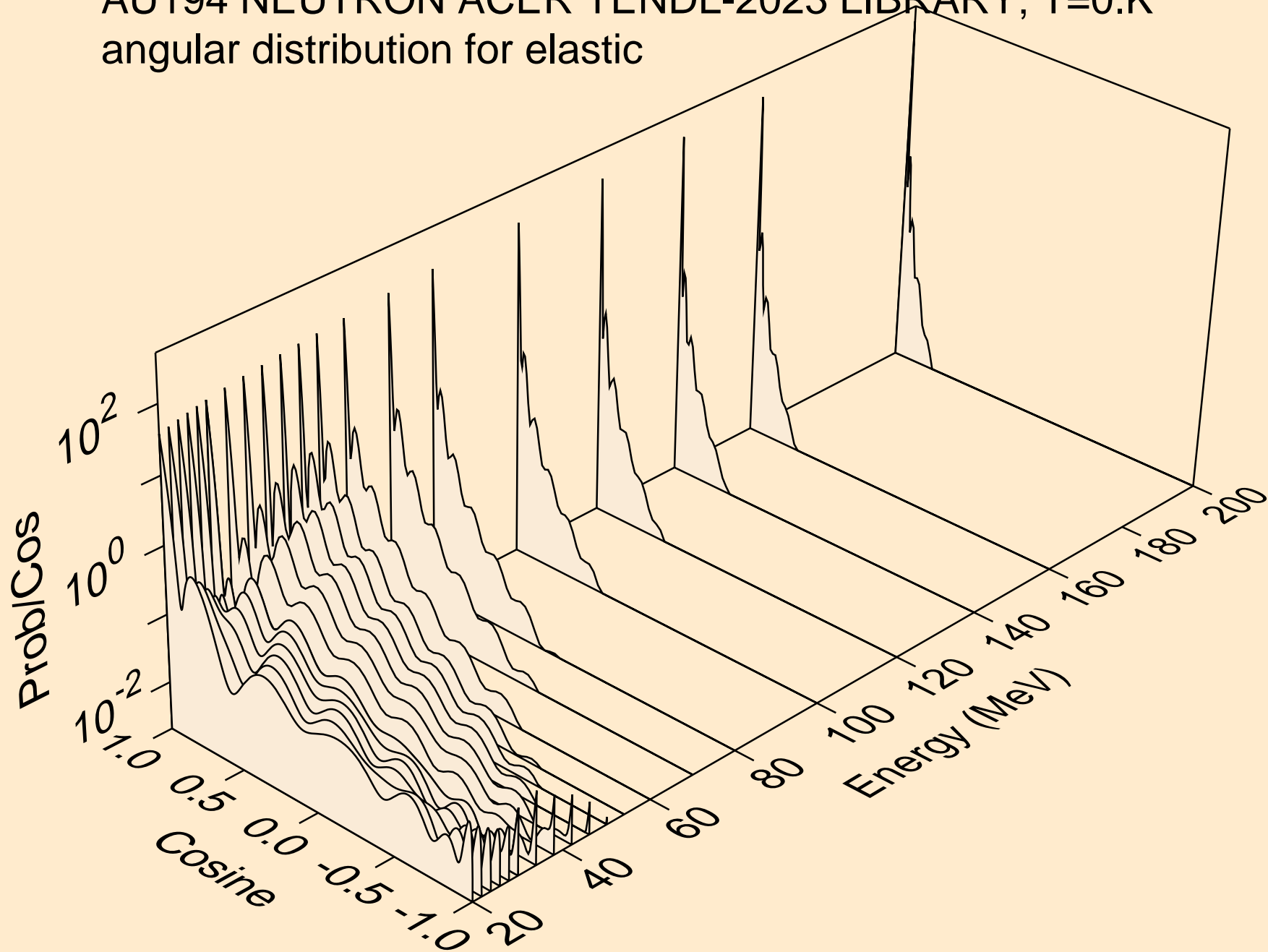
## Threshold reactions



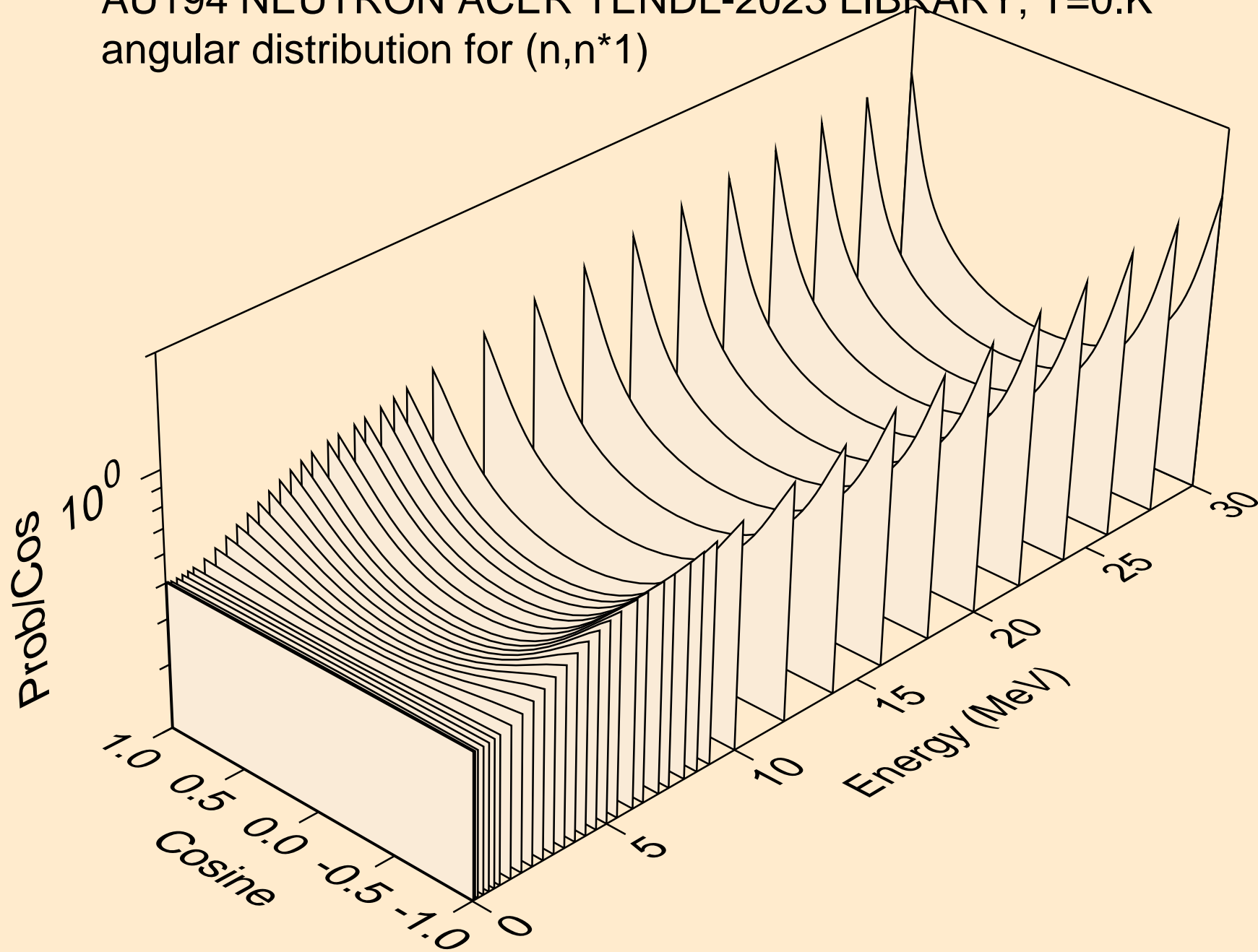
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



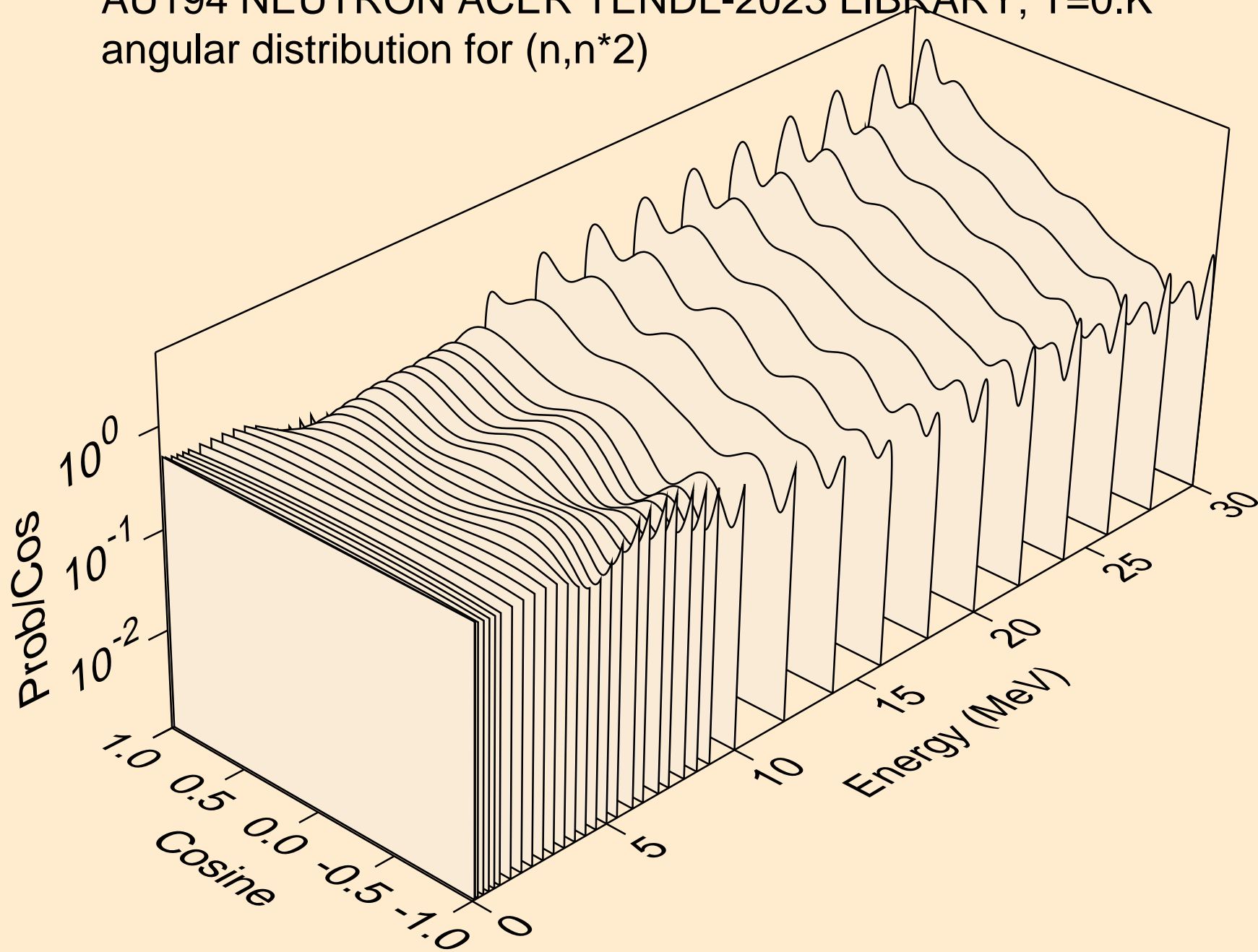
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



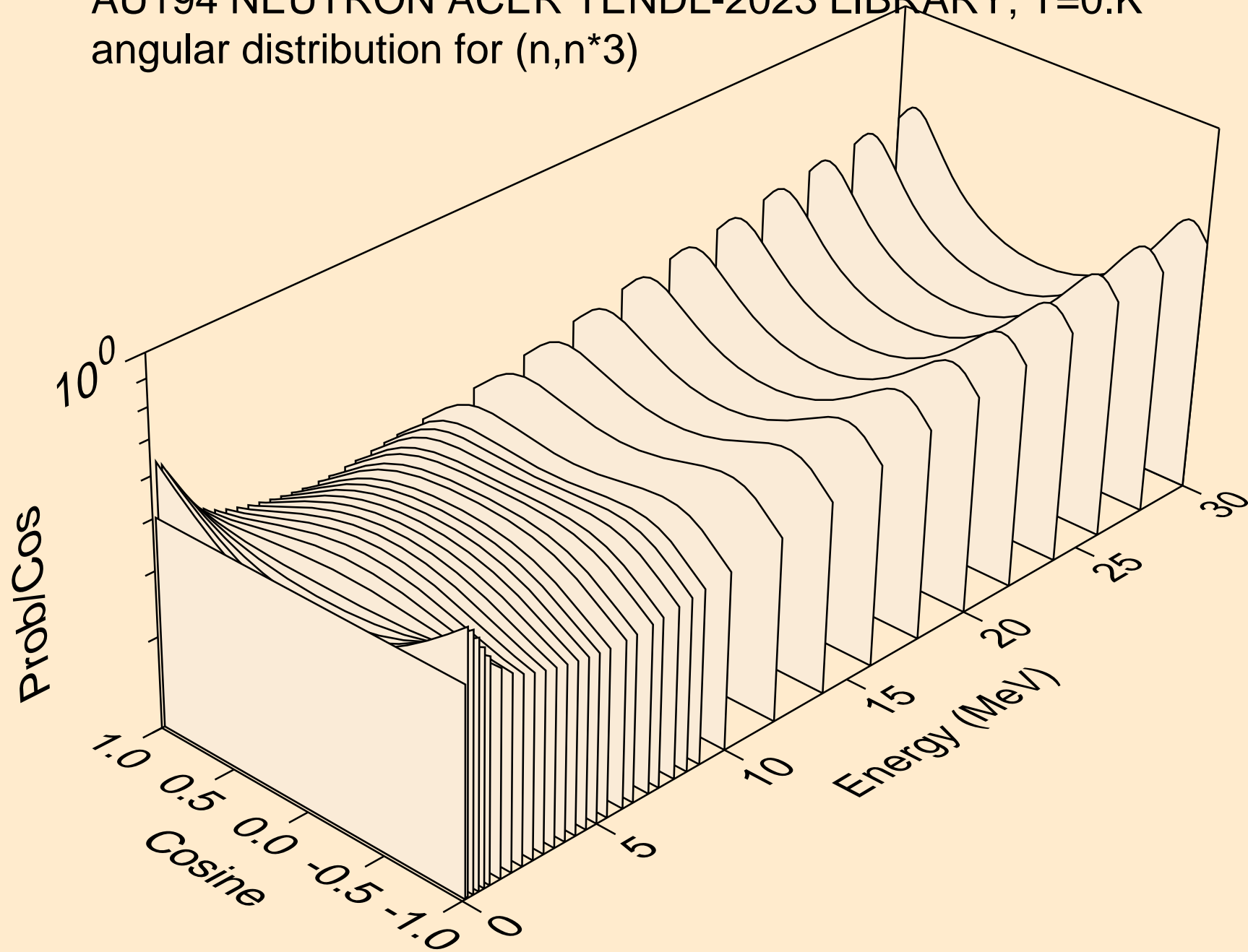
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



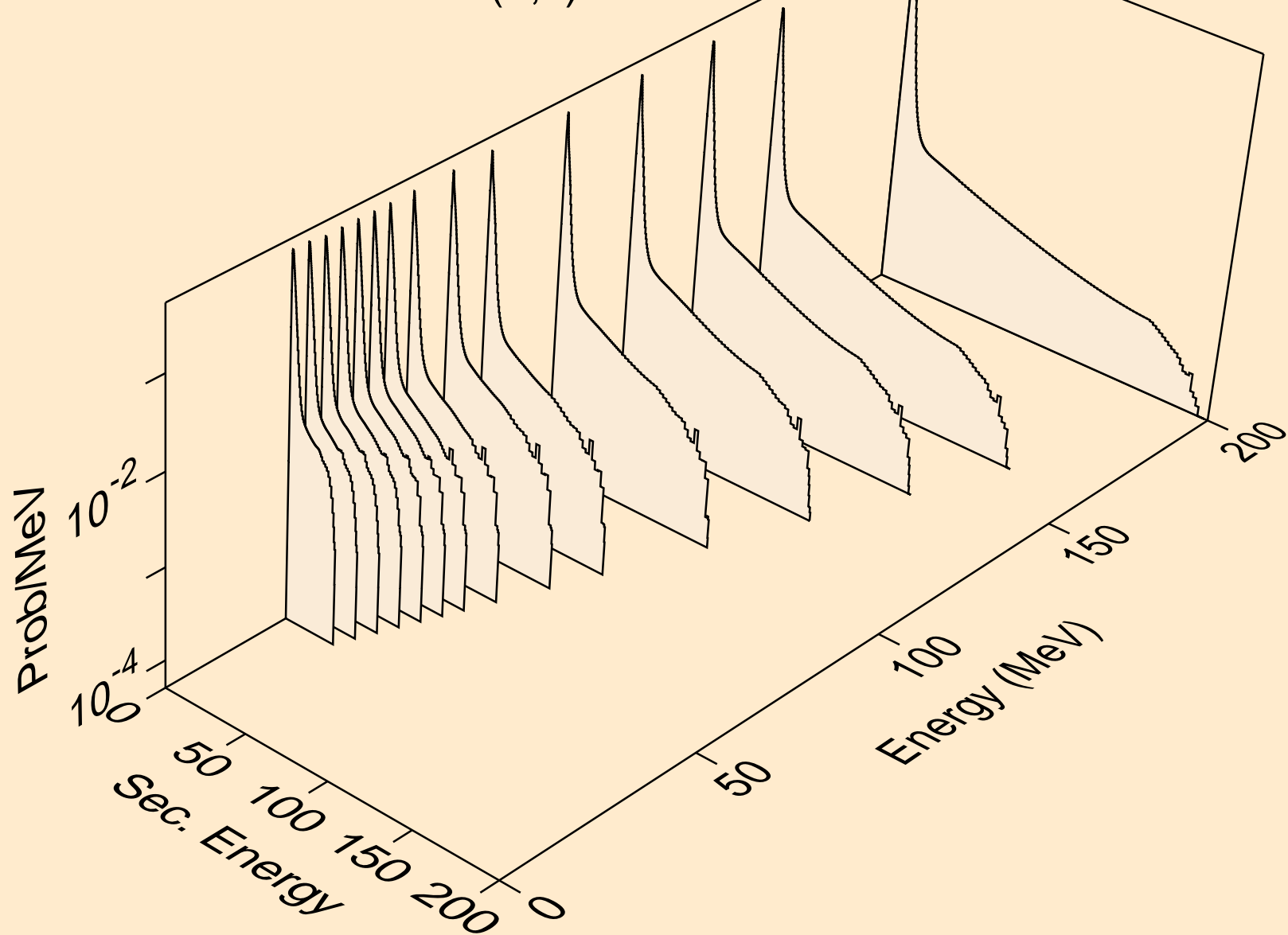
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angular distribution for (n,n\*2)



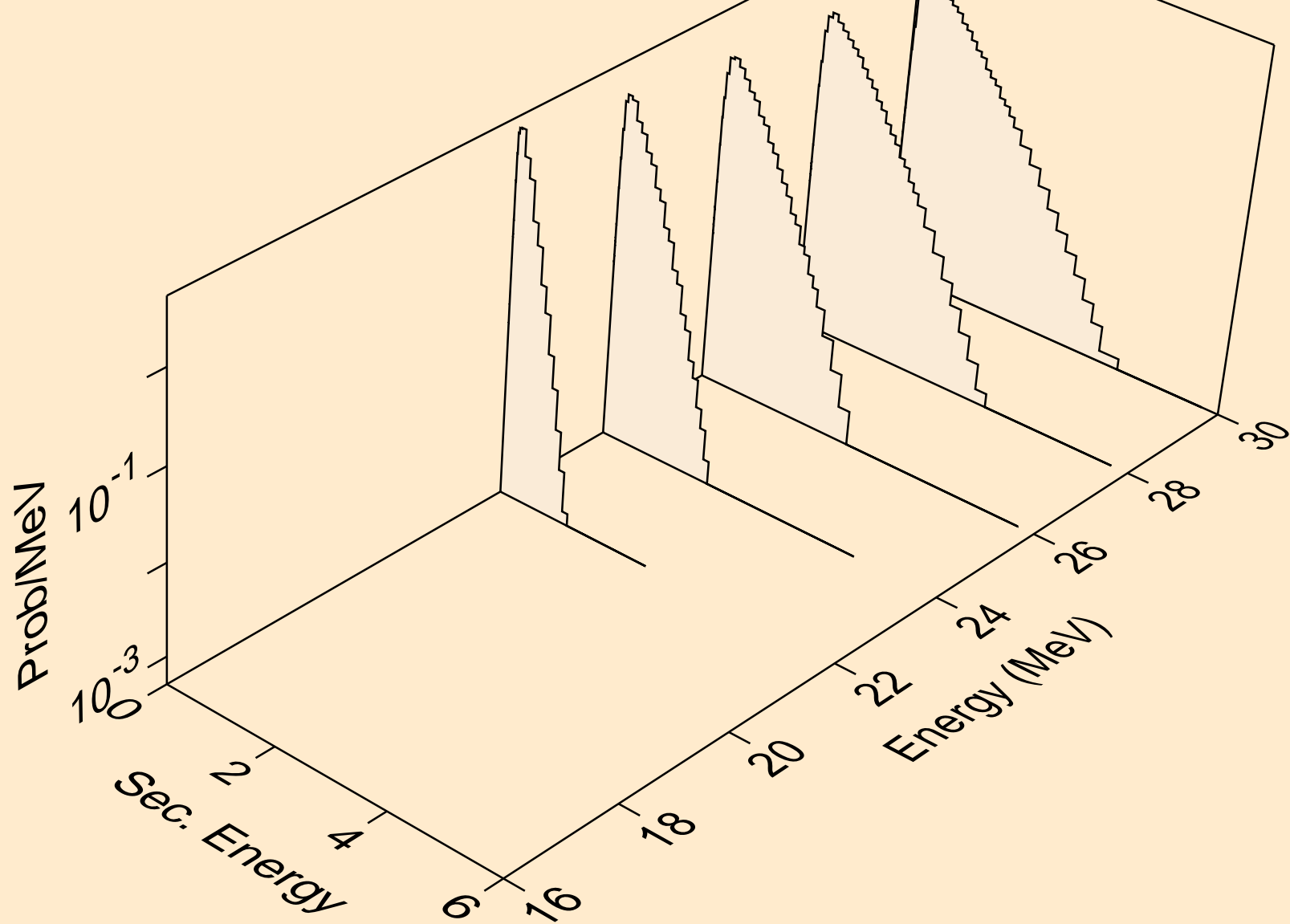
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

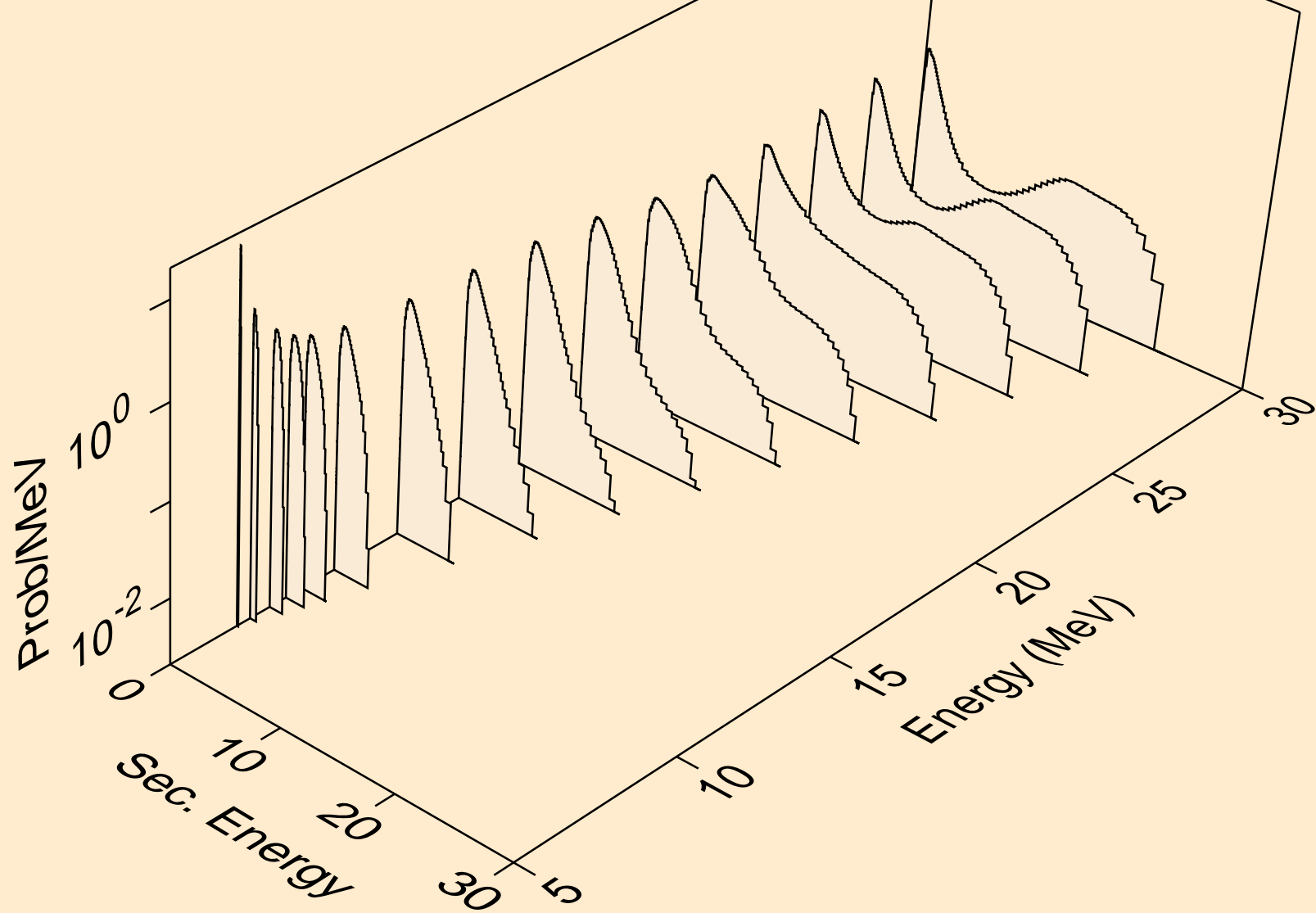


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

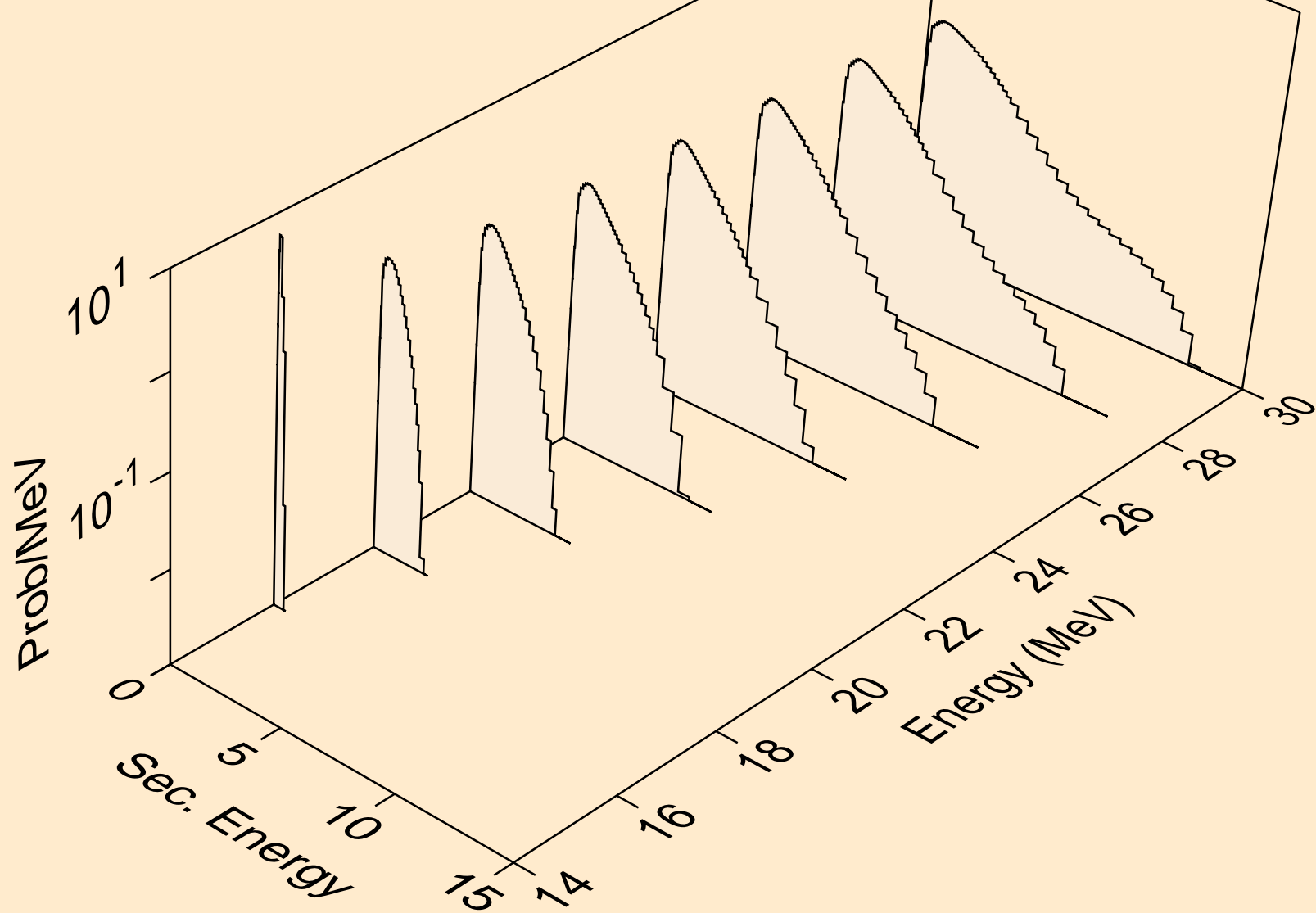




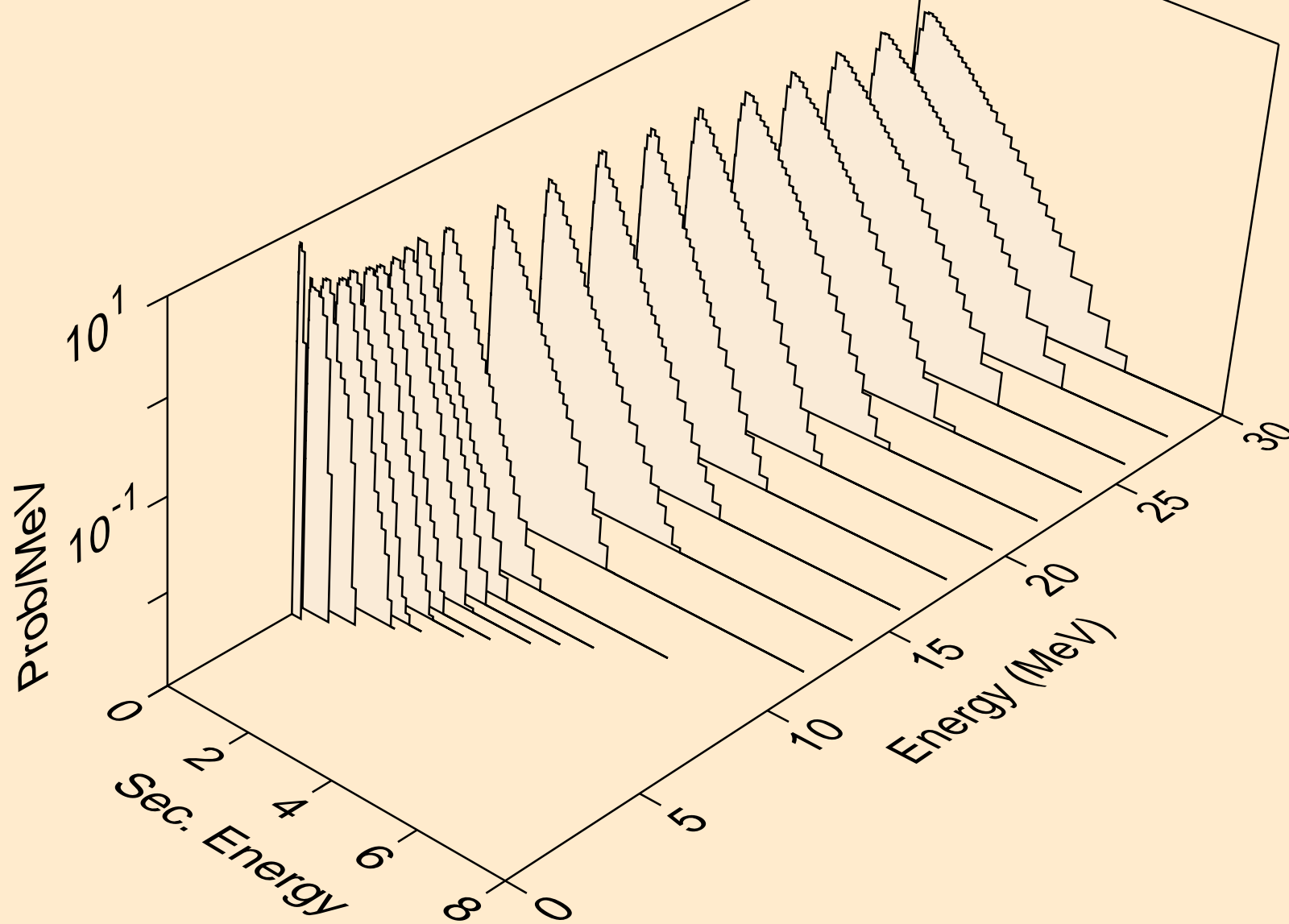
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



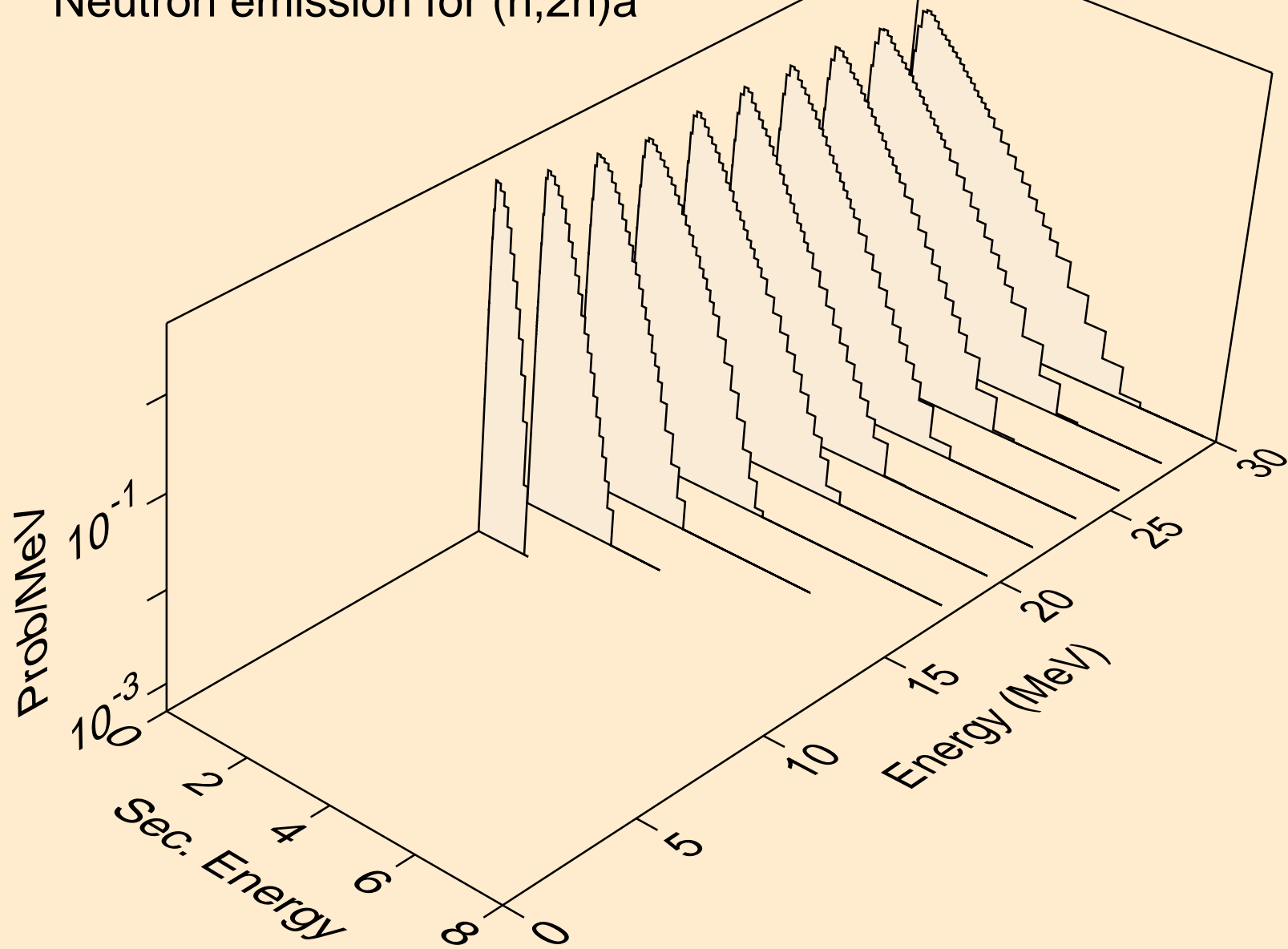
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



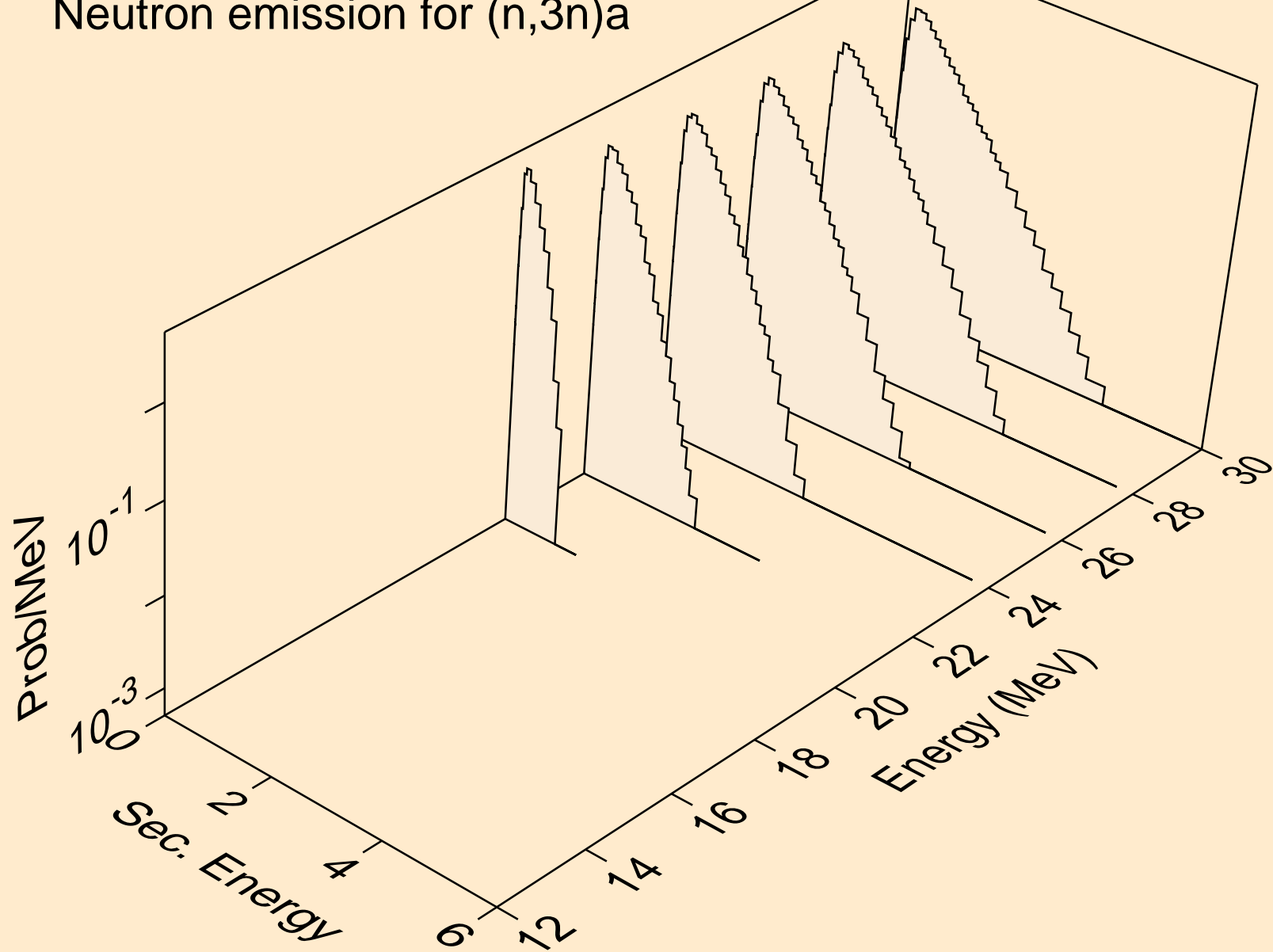
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



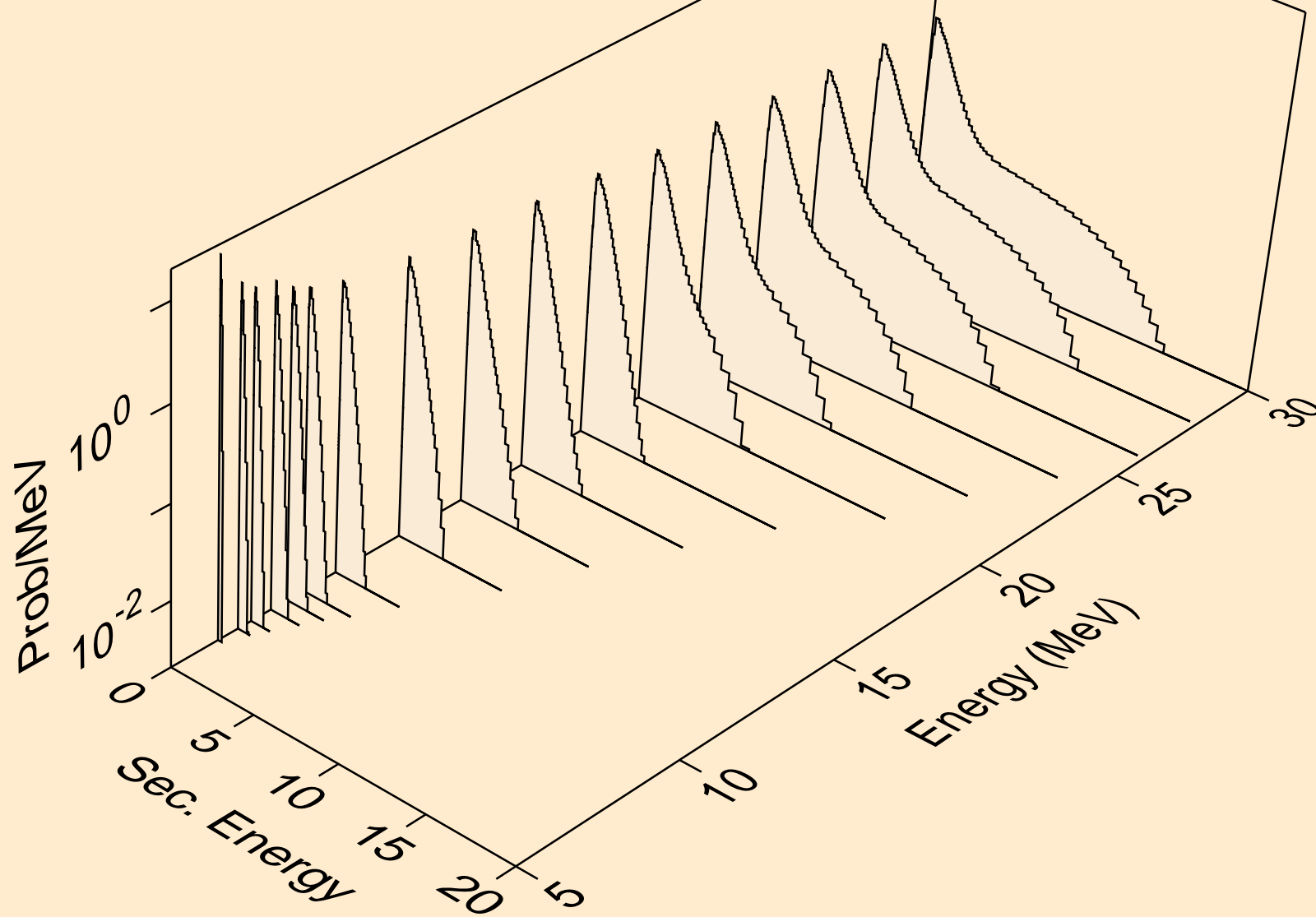
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Neutron emission for (n,2n)a



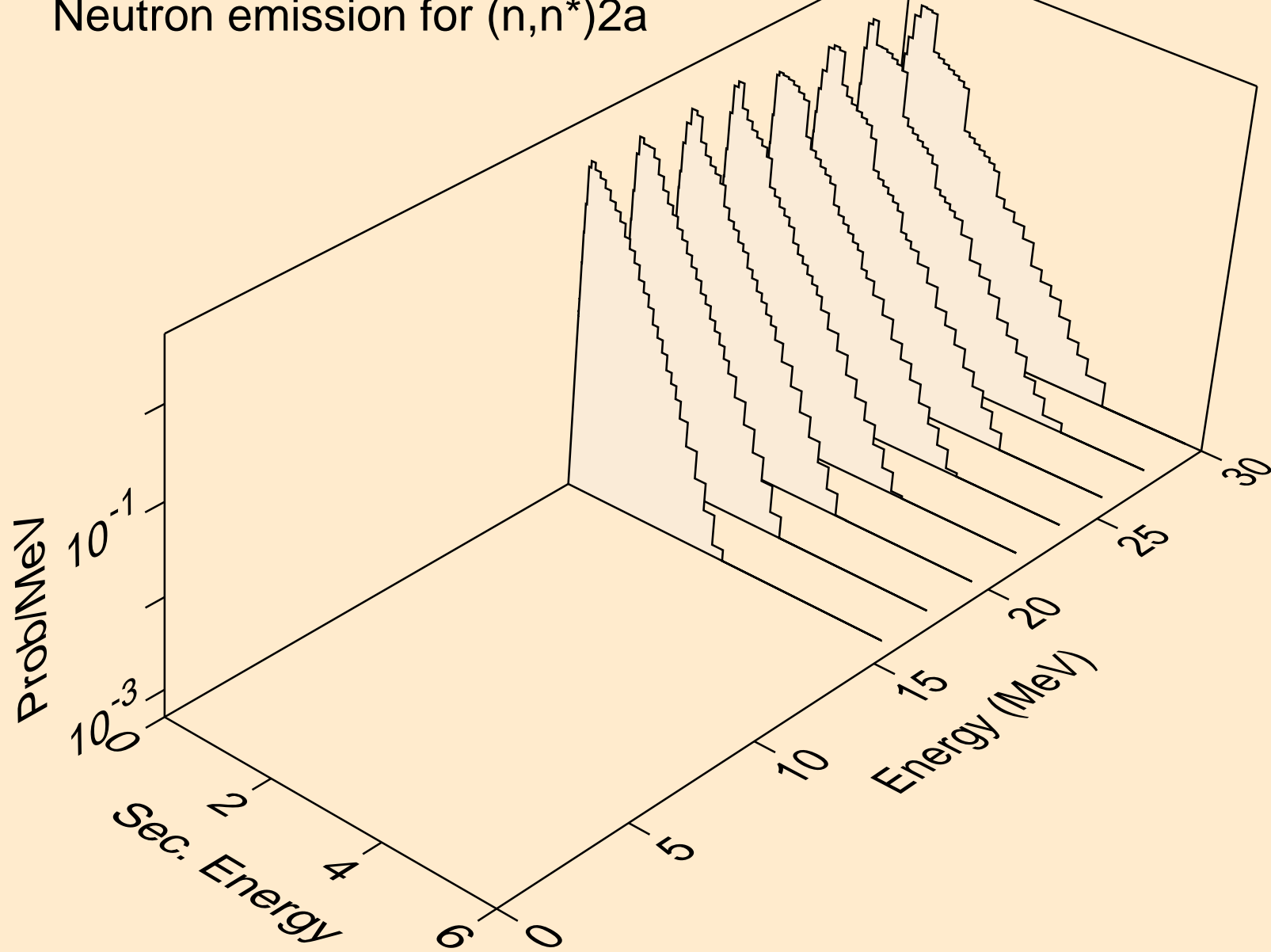
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Neutron emission for (n,3n)a



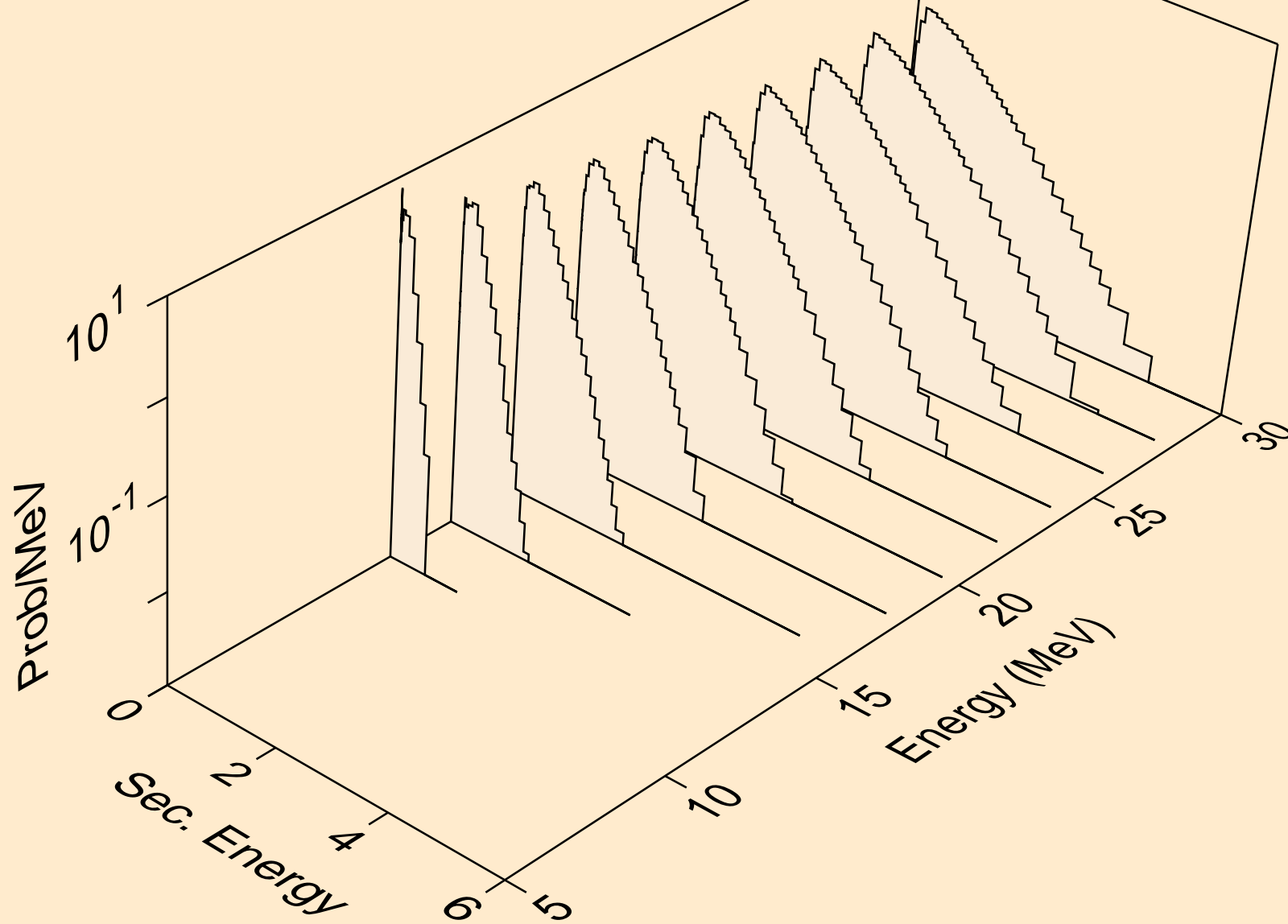
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

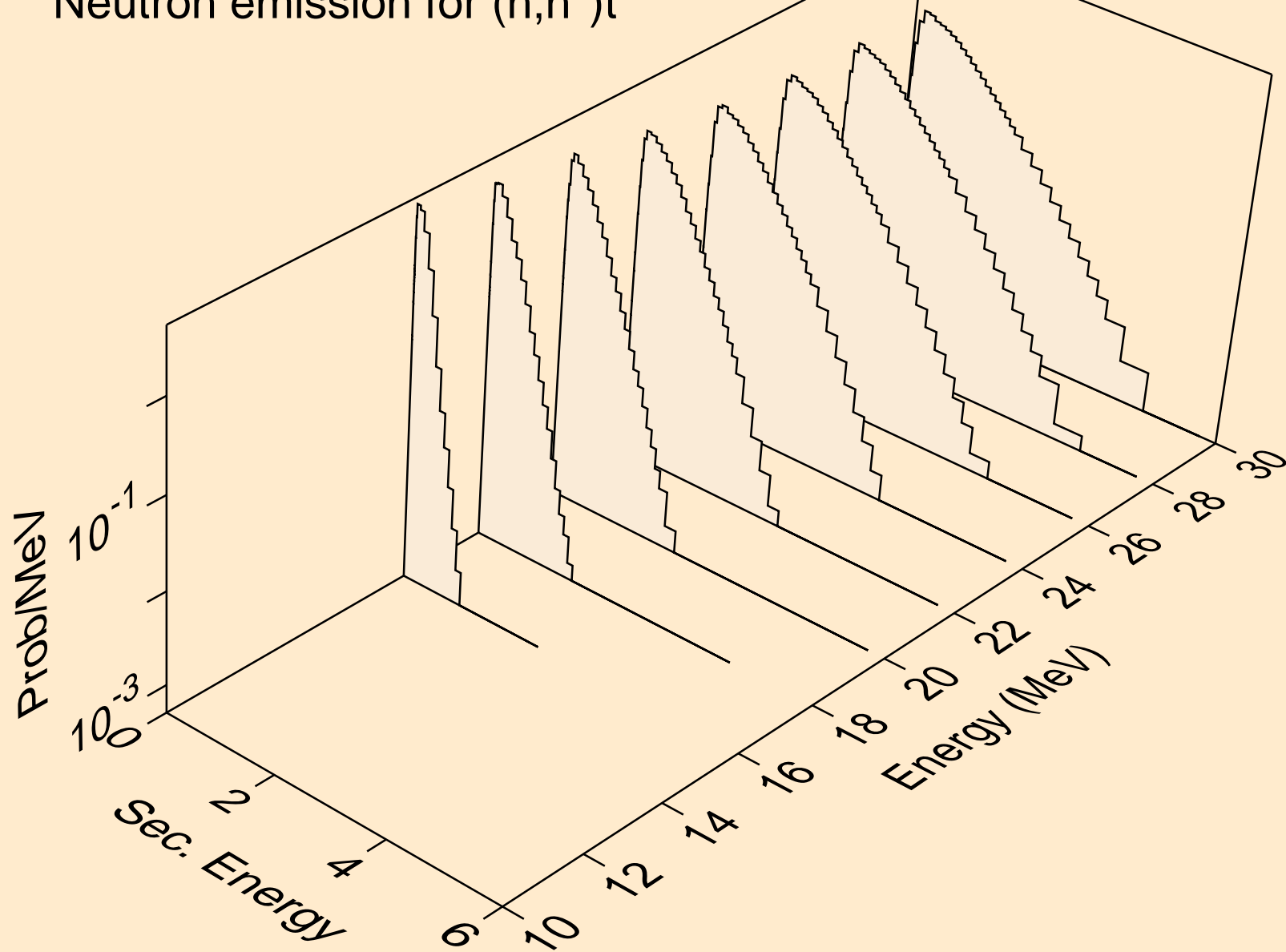


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

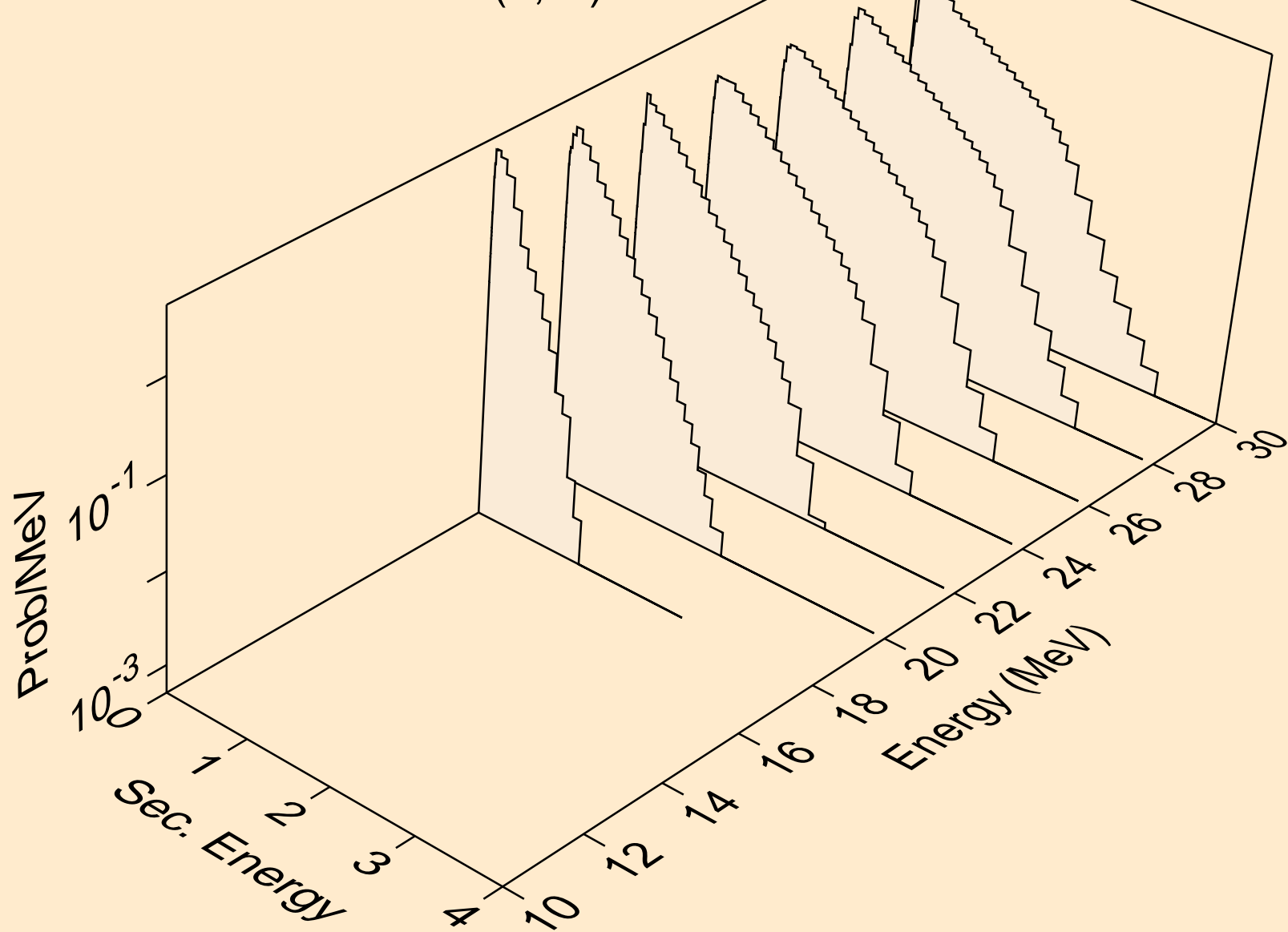




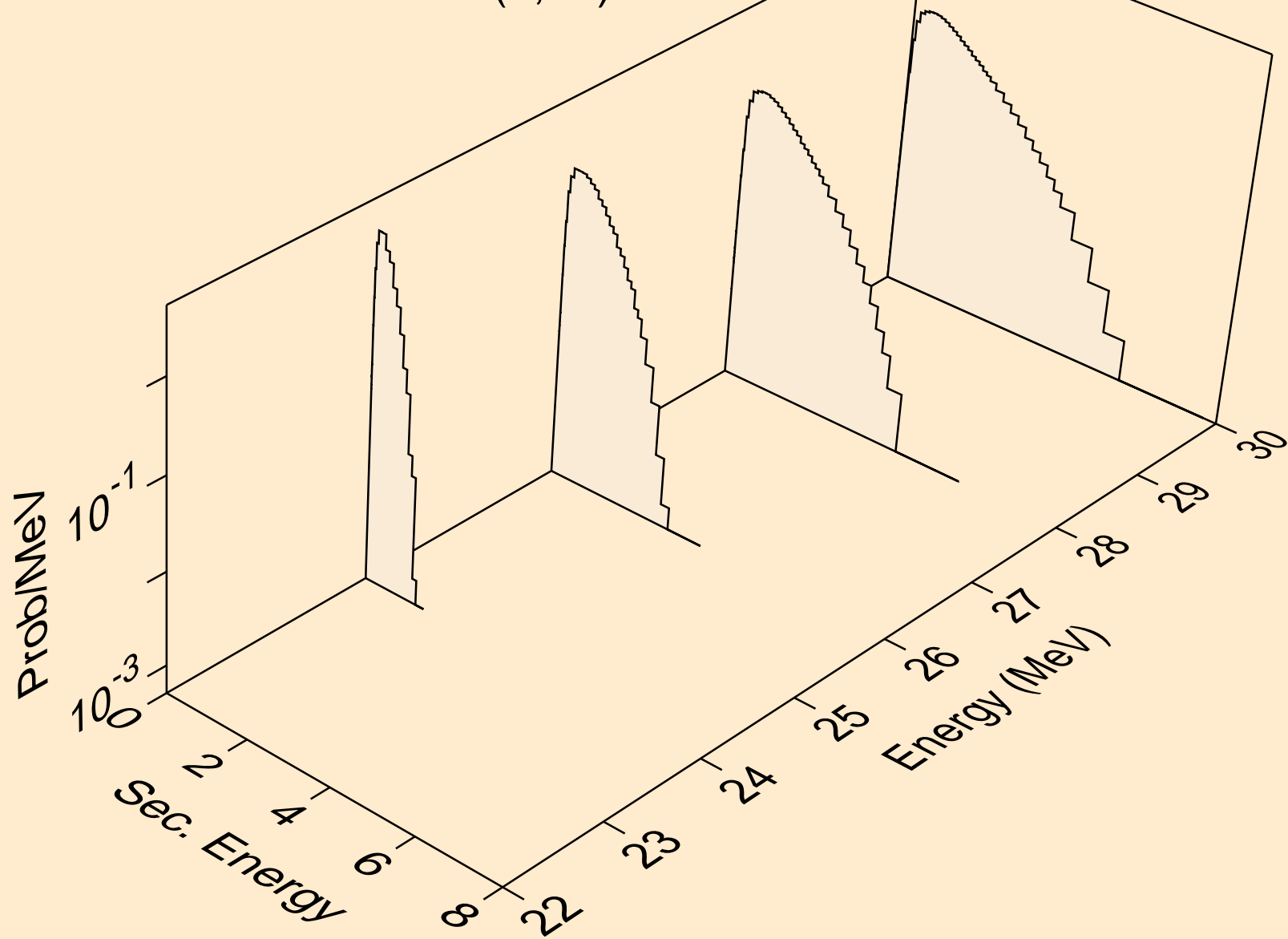
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



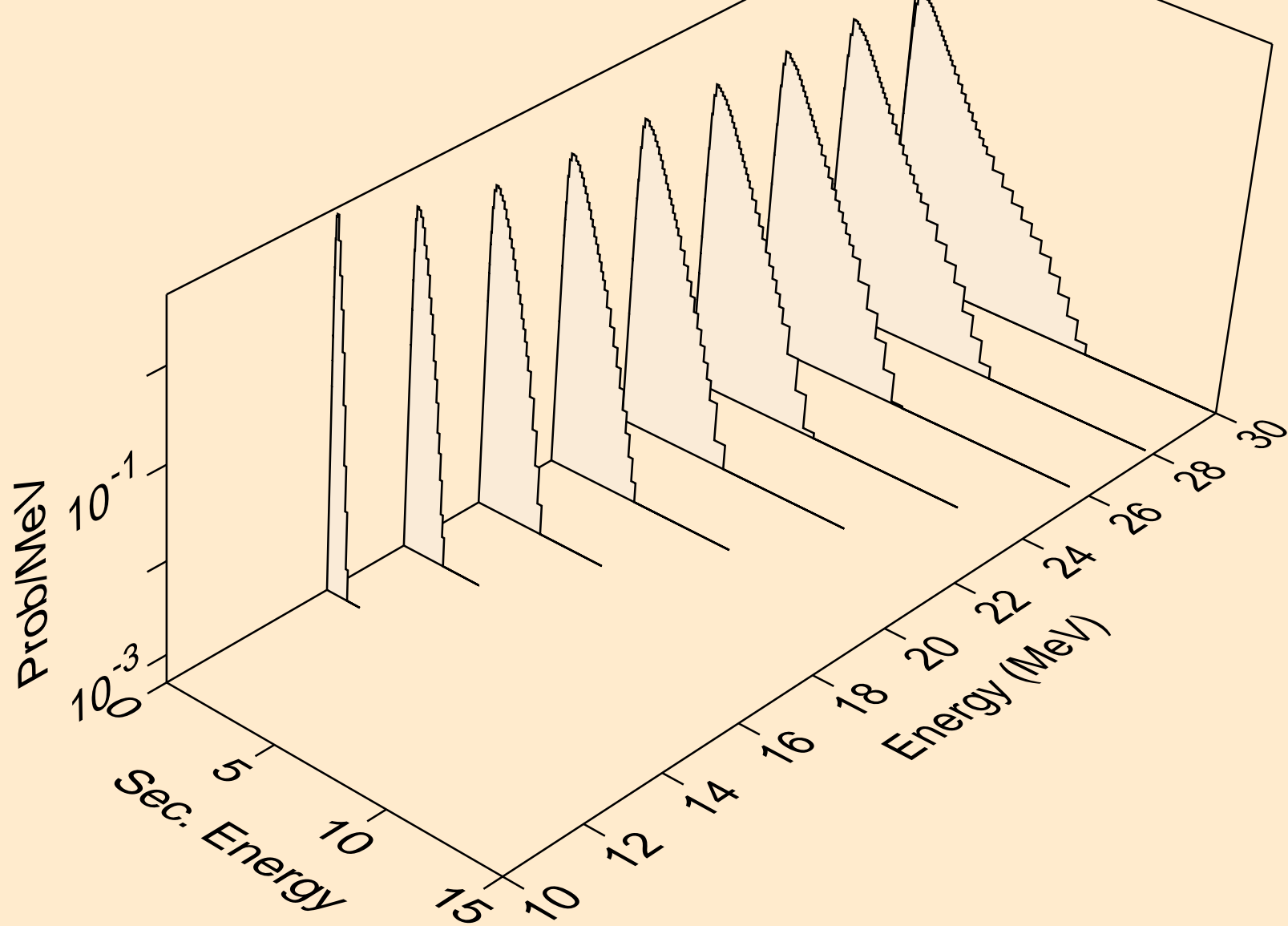
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



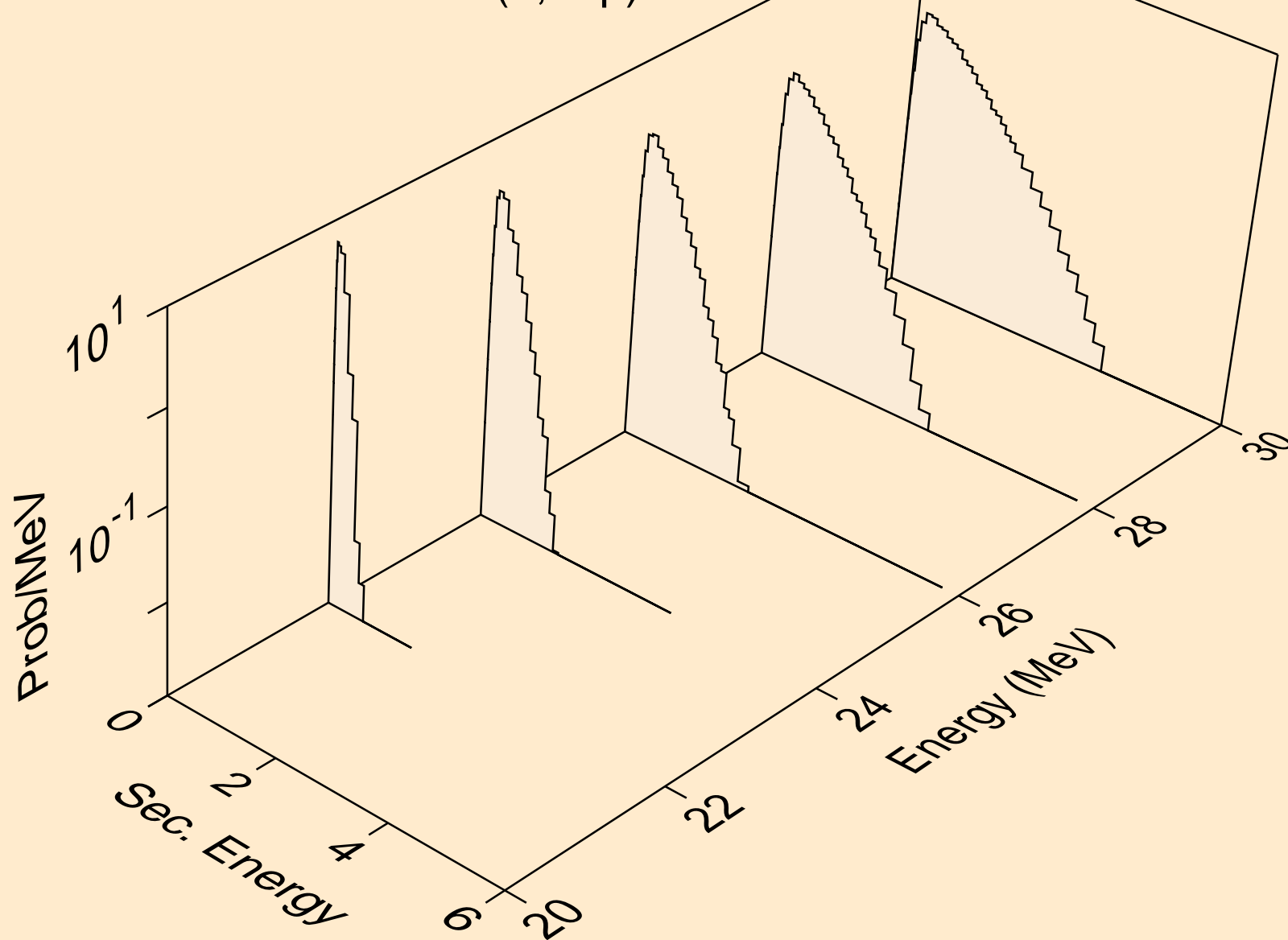
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



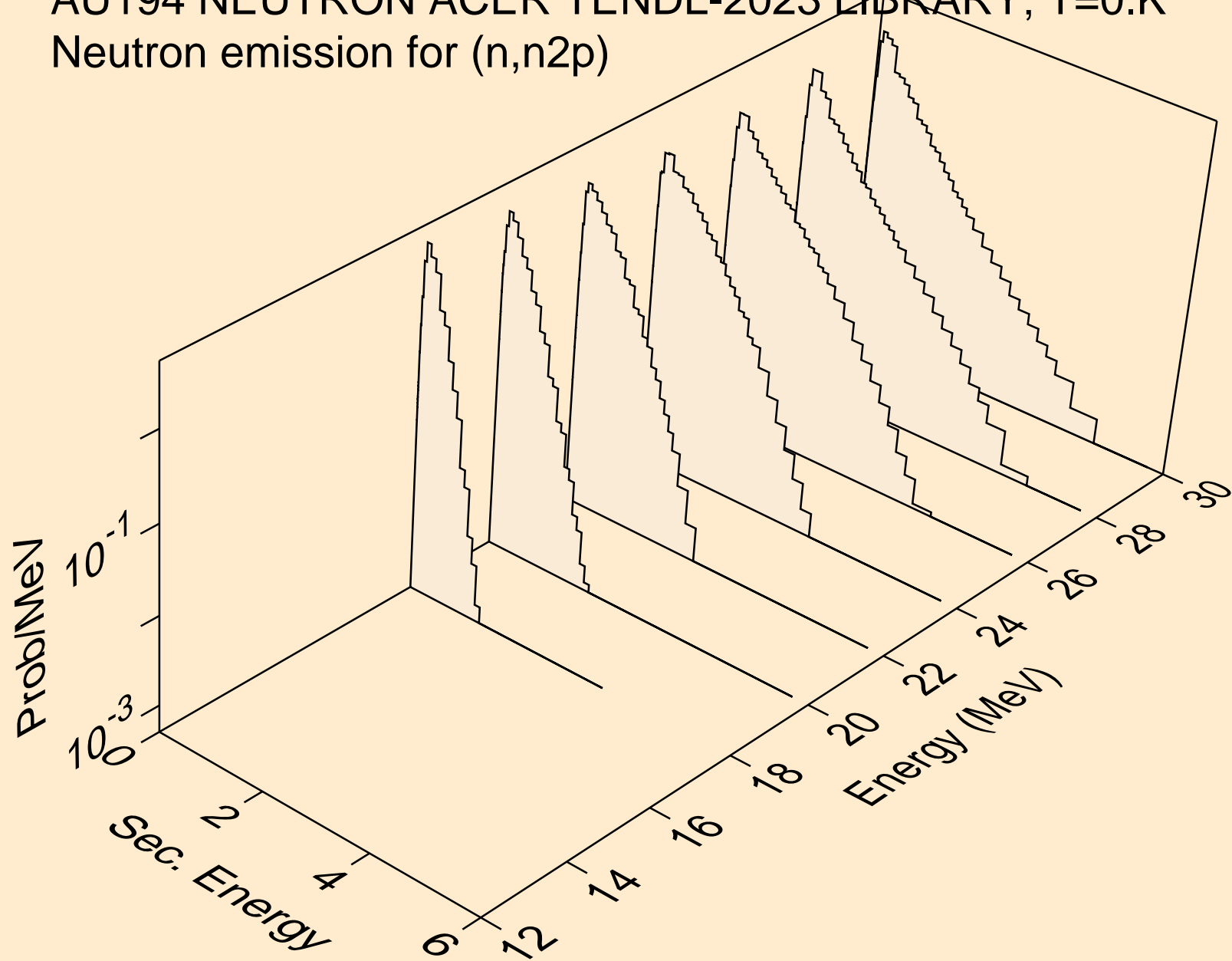
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Neutron emission for (n,2np)



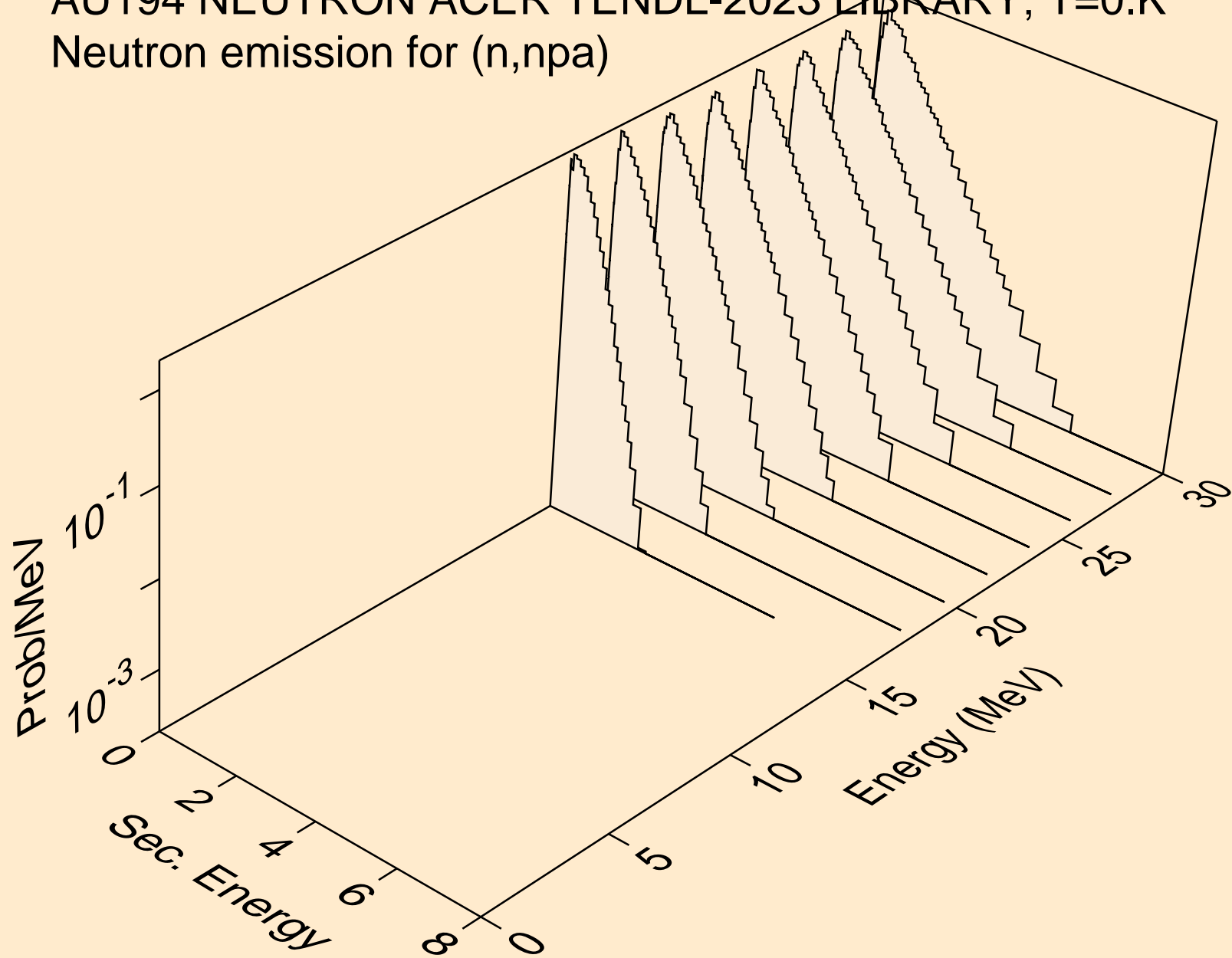
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Neutron emission for (n,3np)



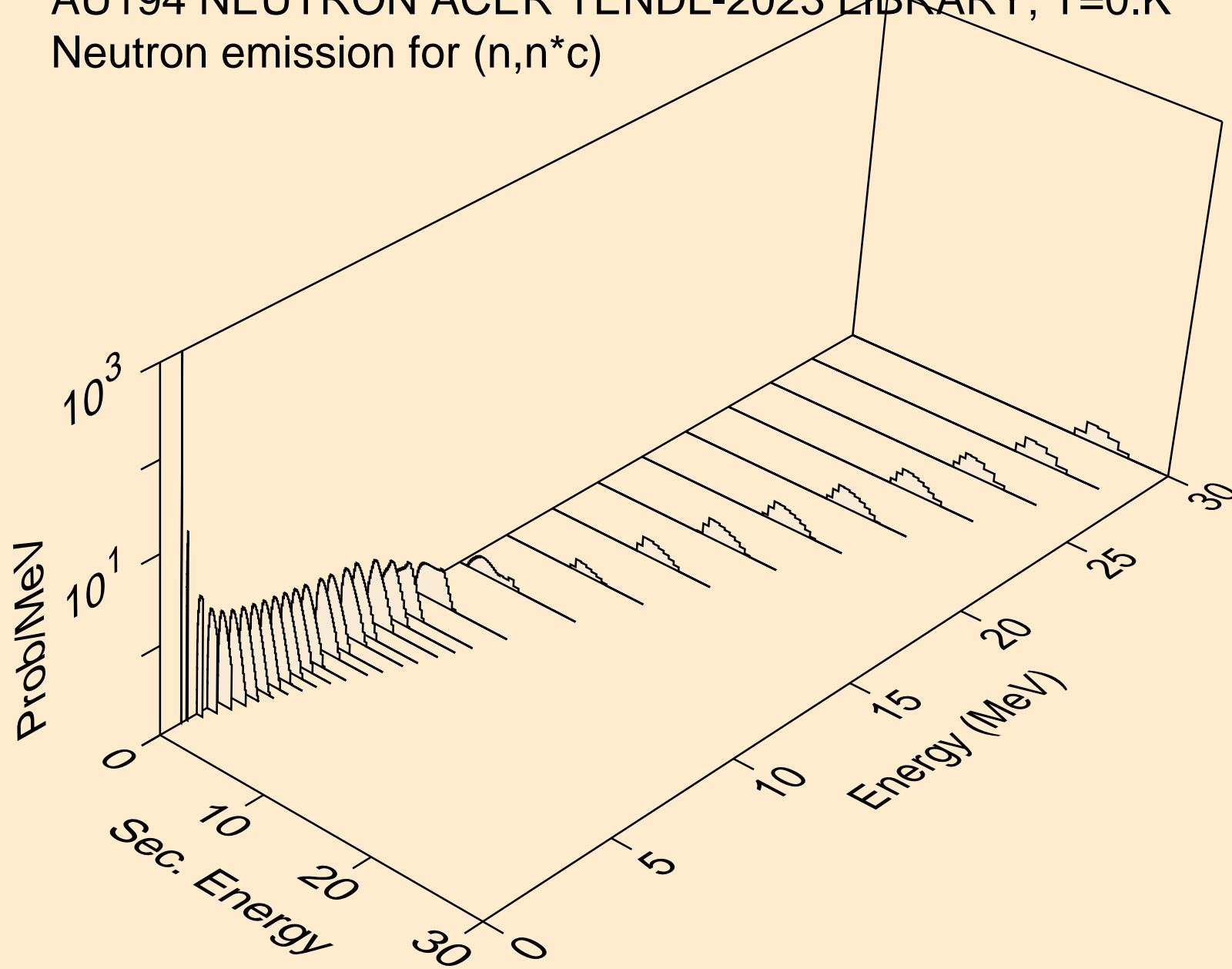
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

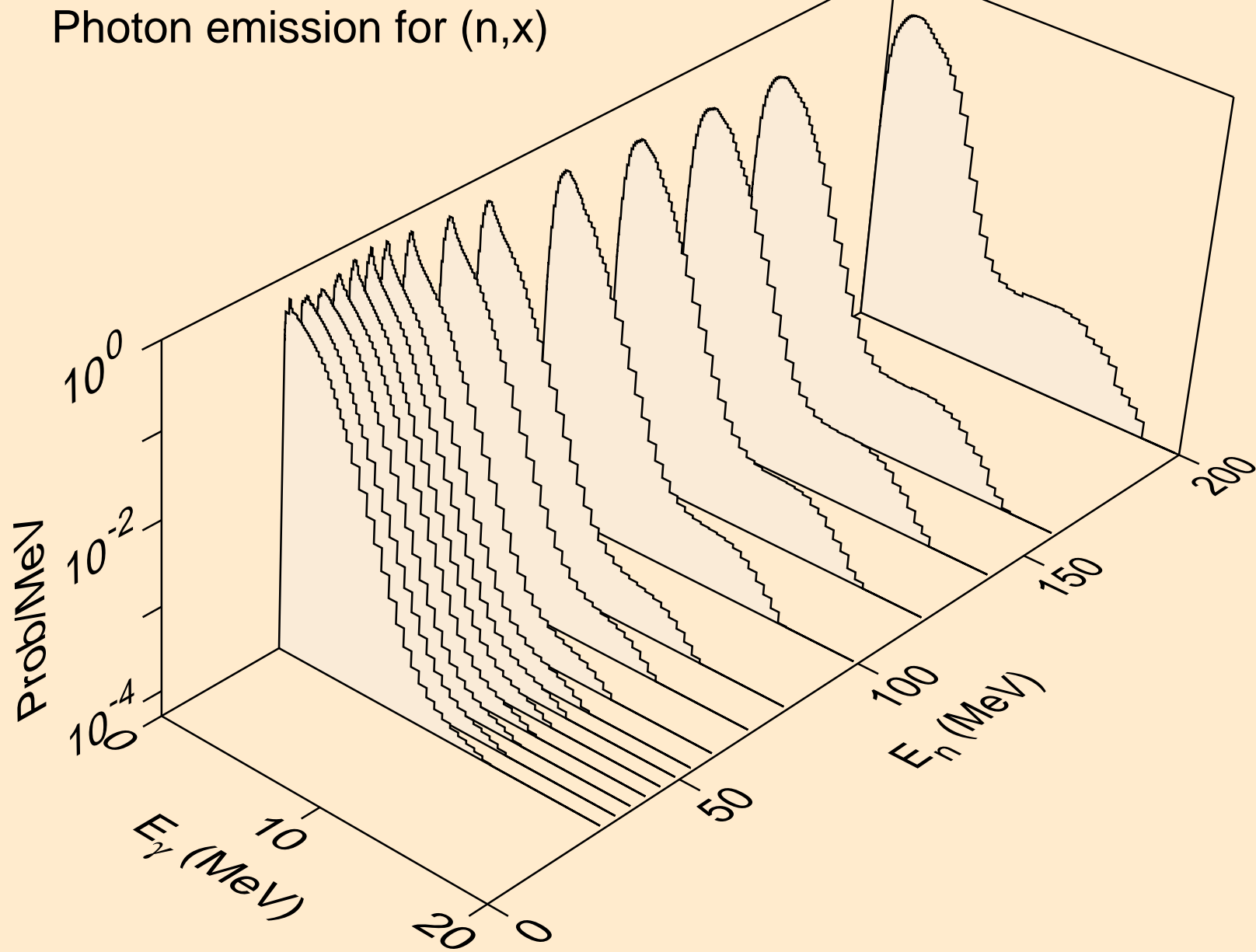


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

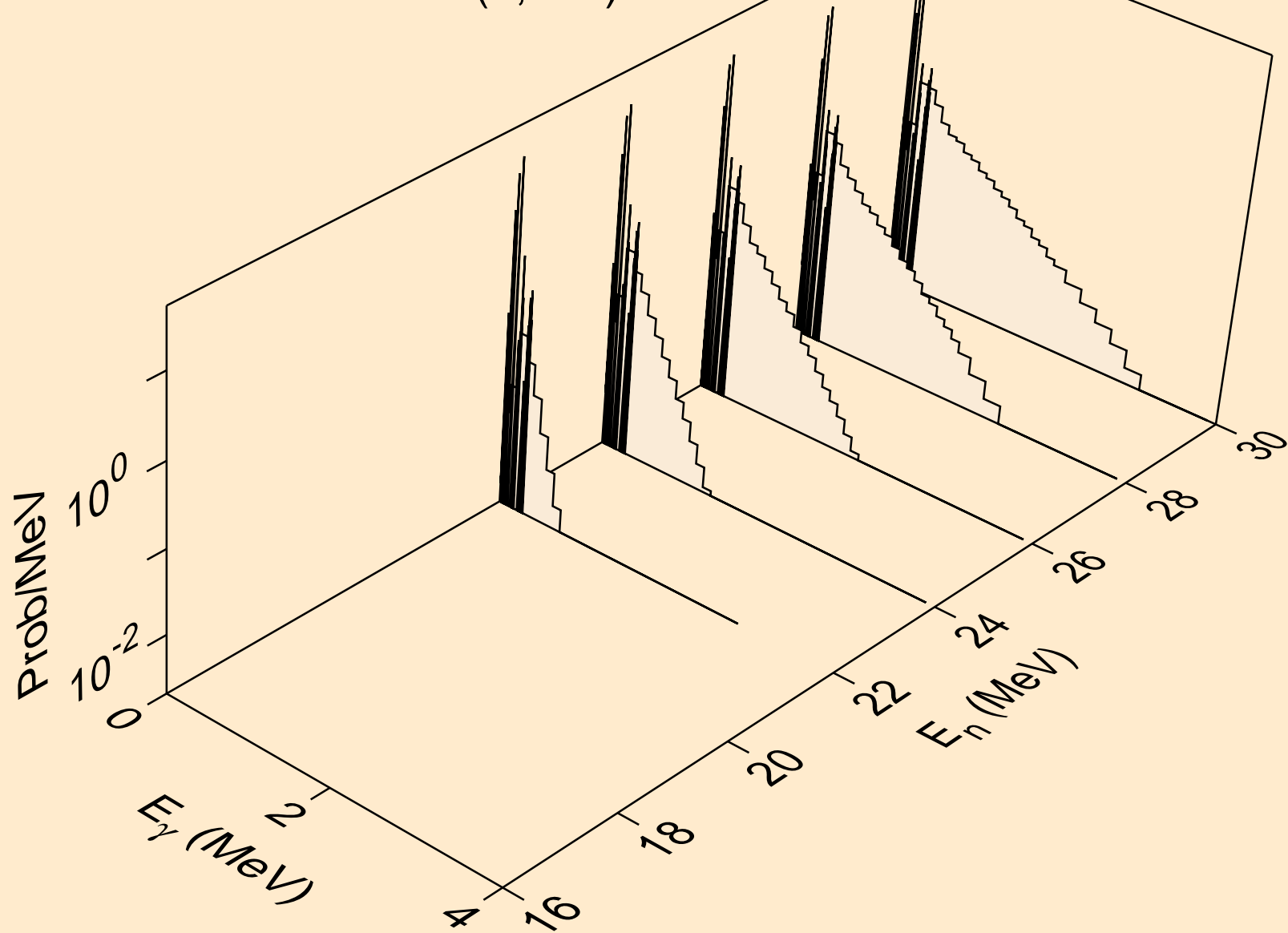




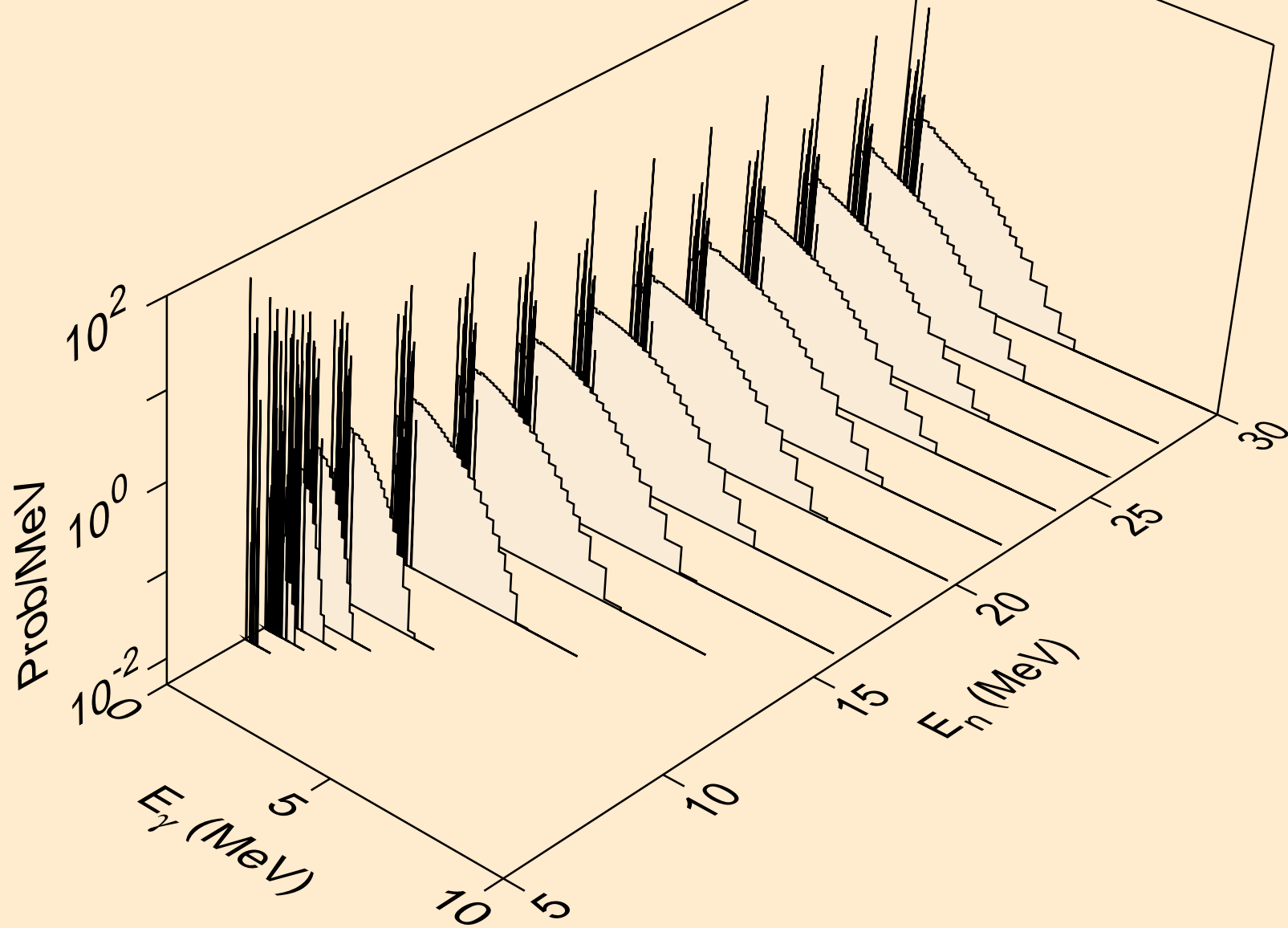
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



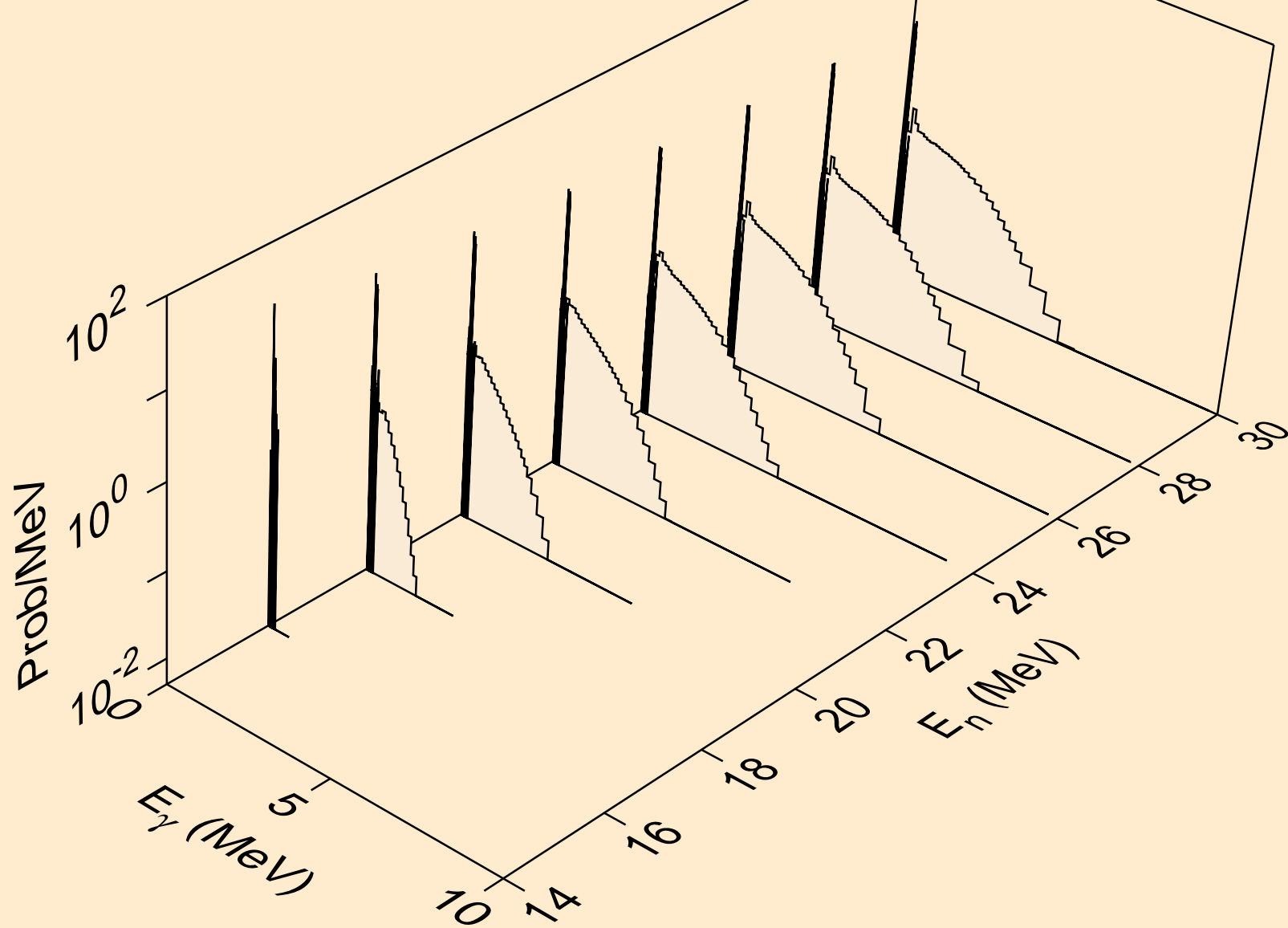
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



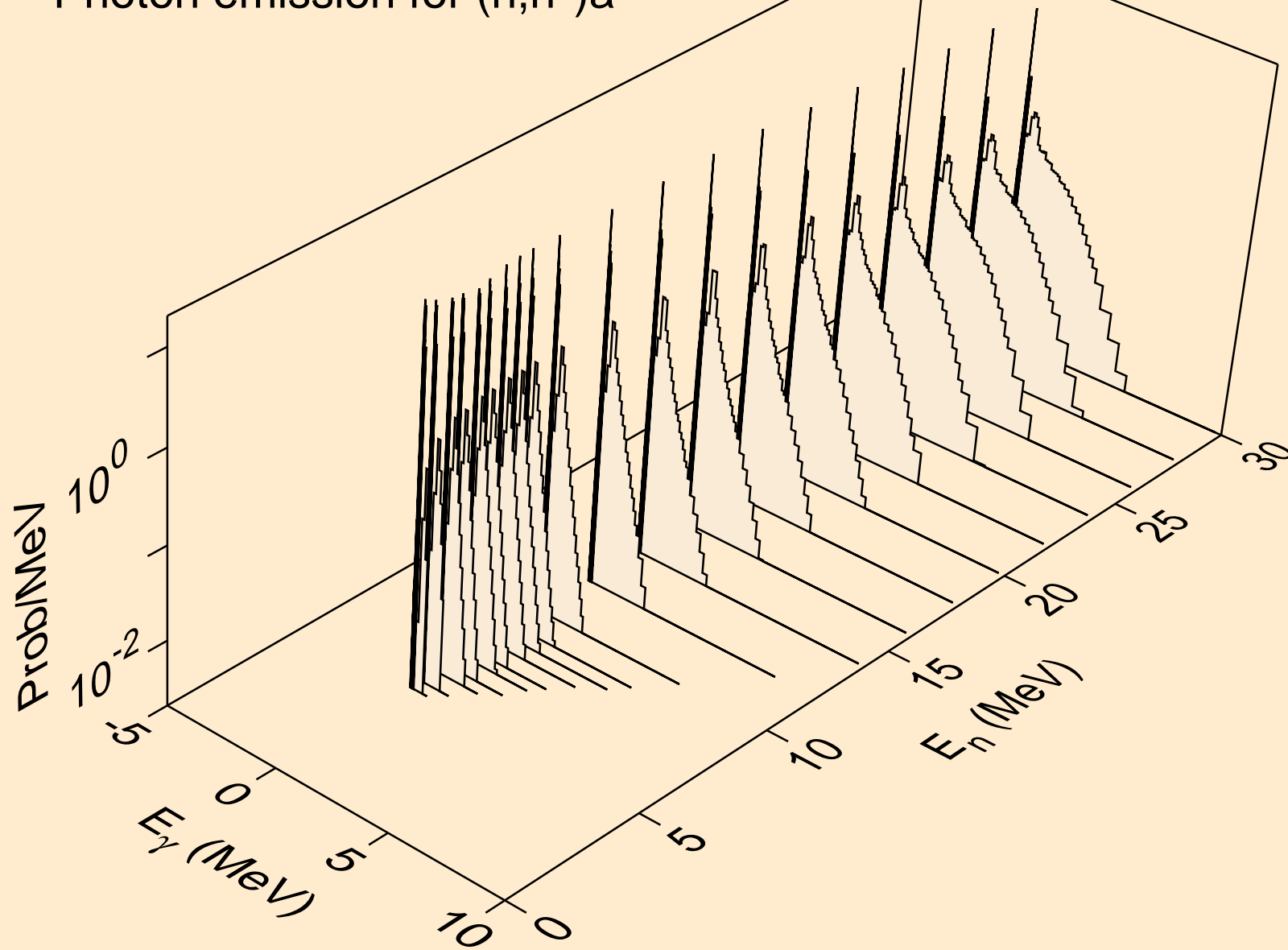
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



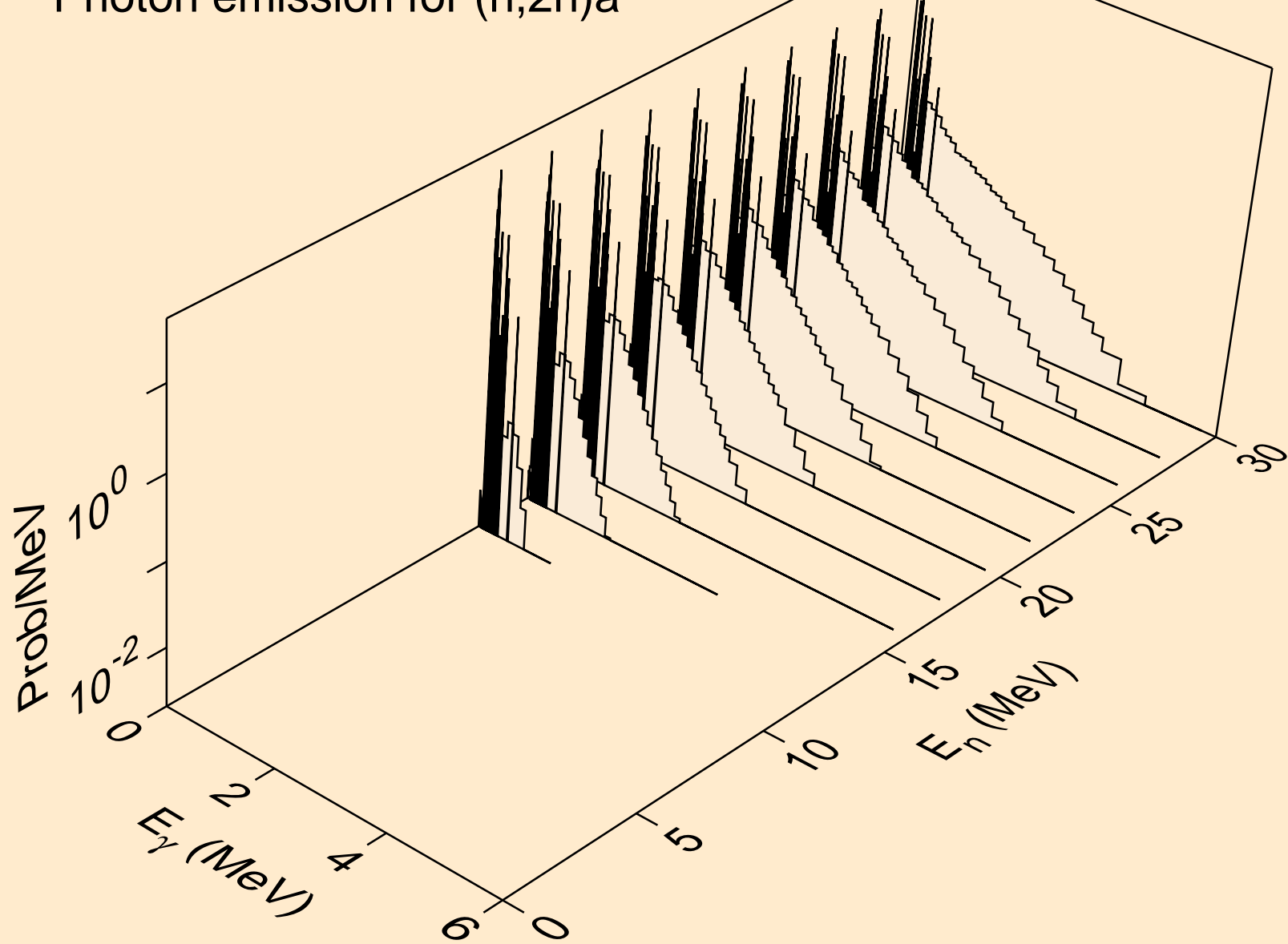
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Photon emission for (n,3n)



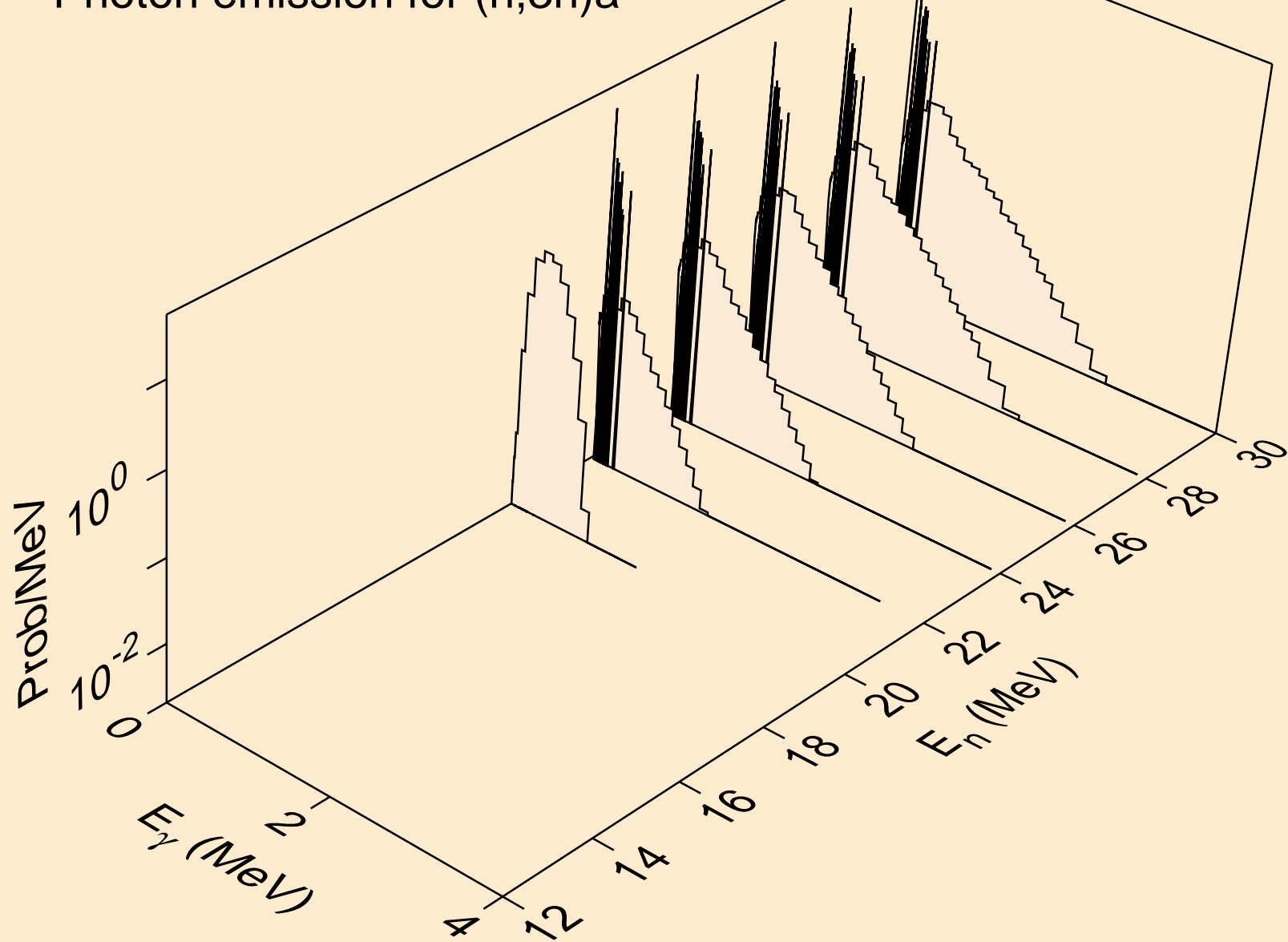
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Photon emission for (n,n\*)a



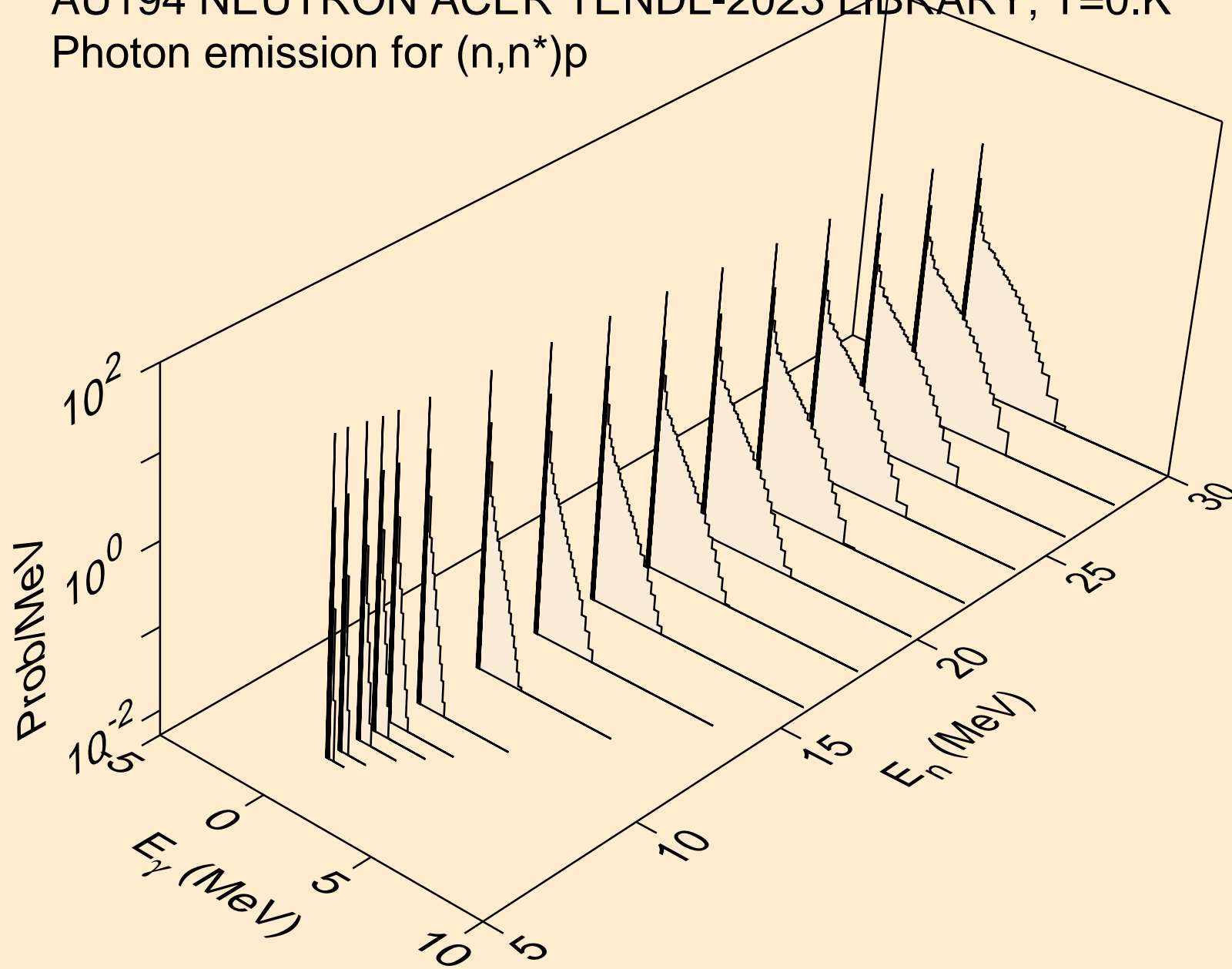
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

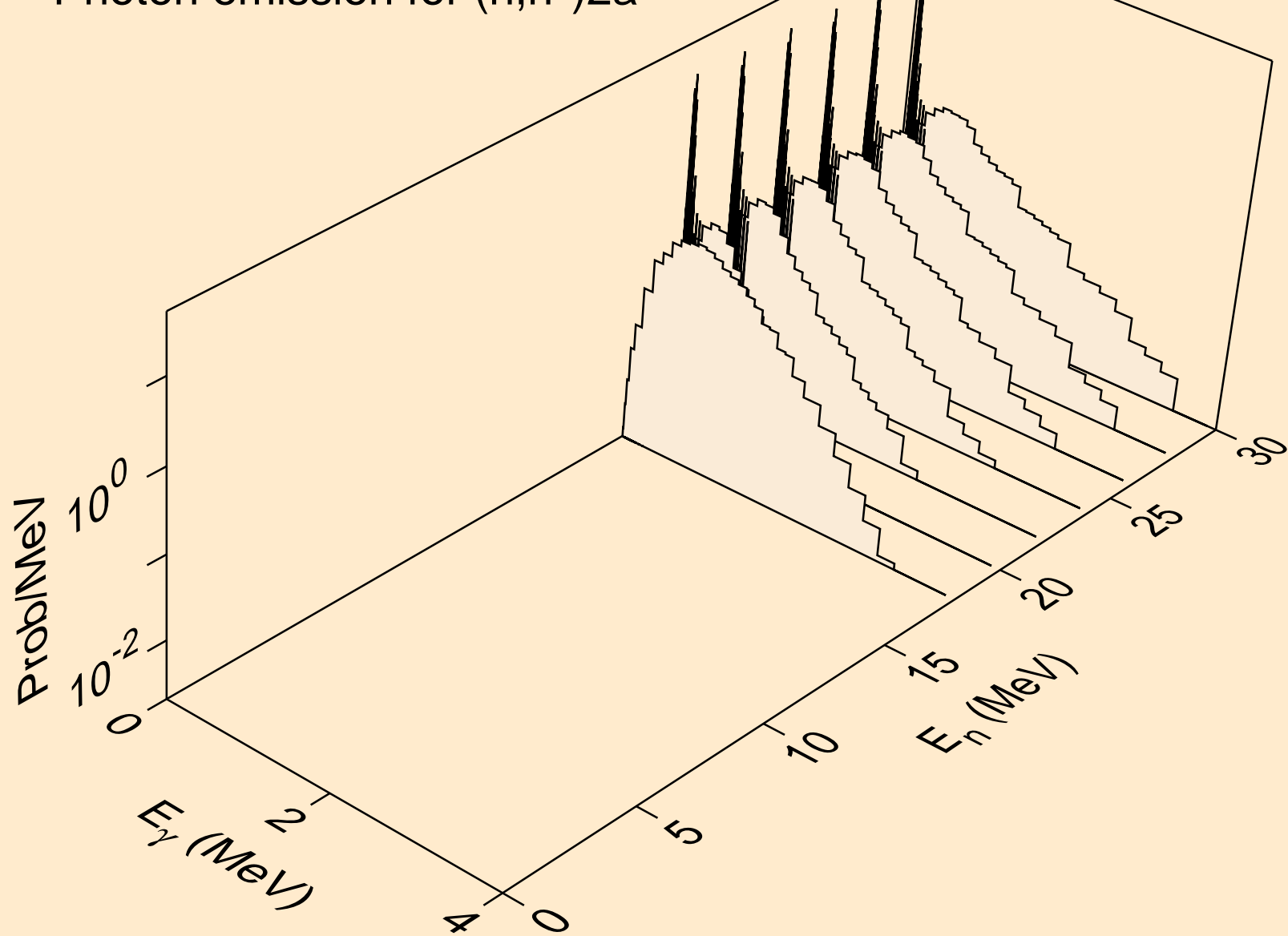


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

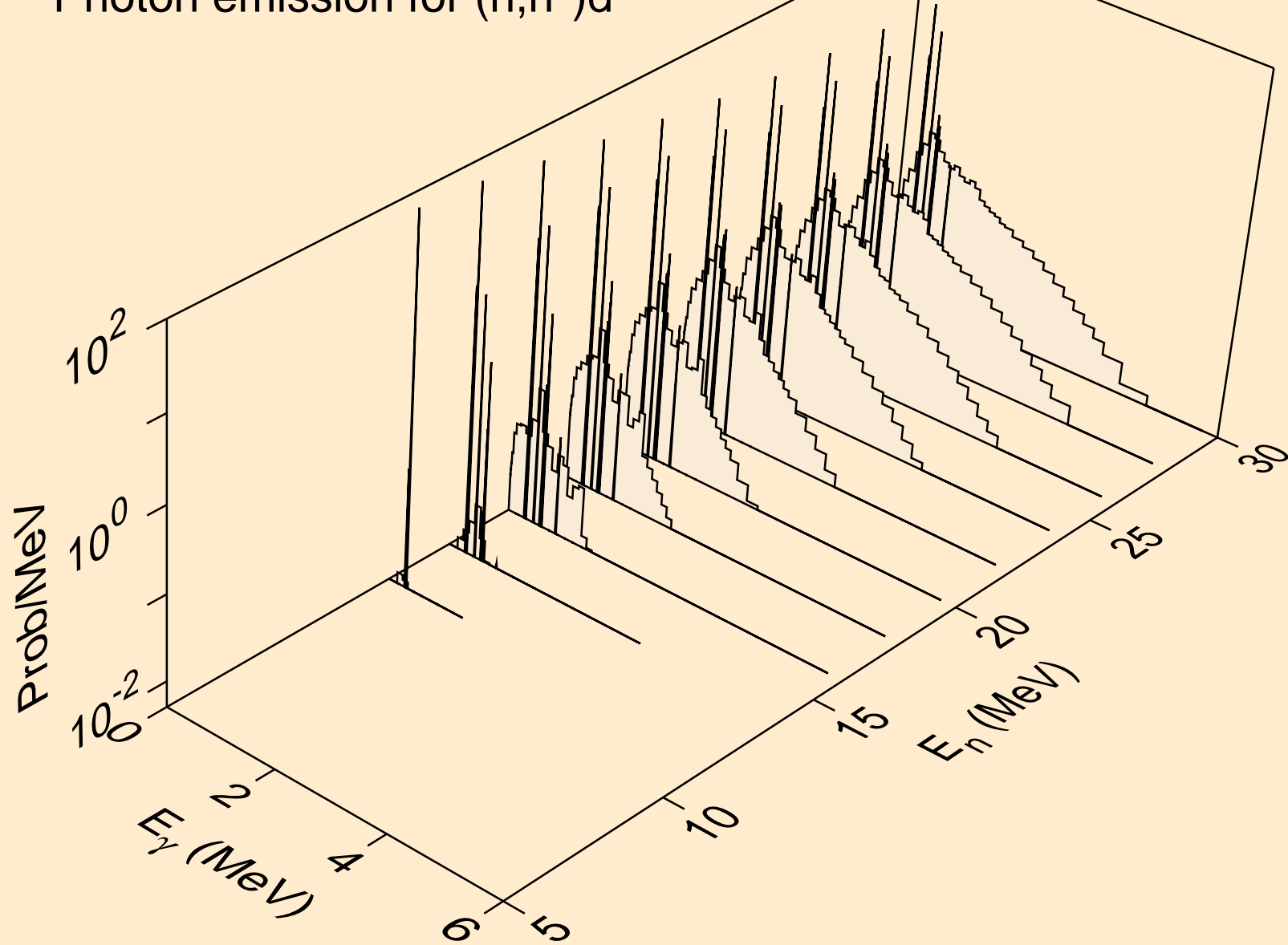




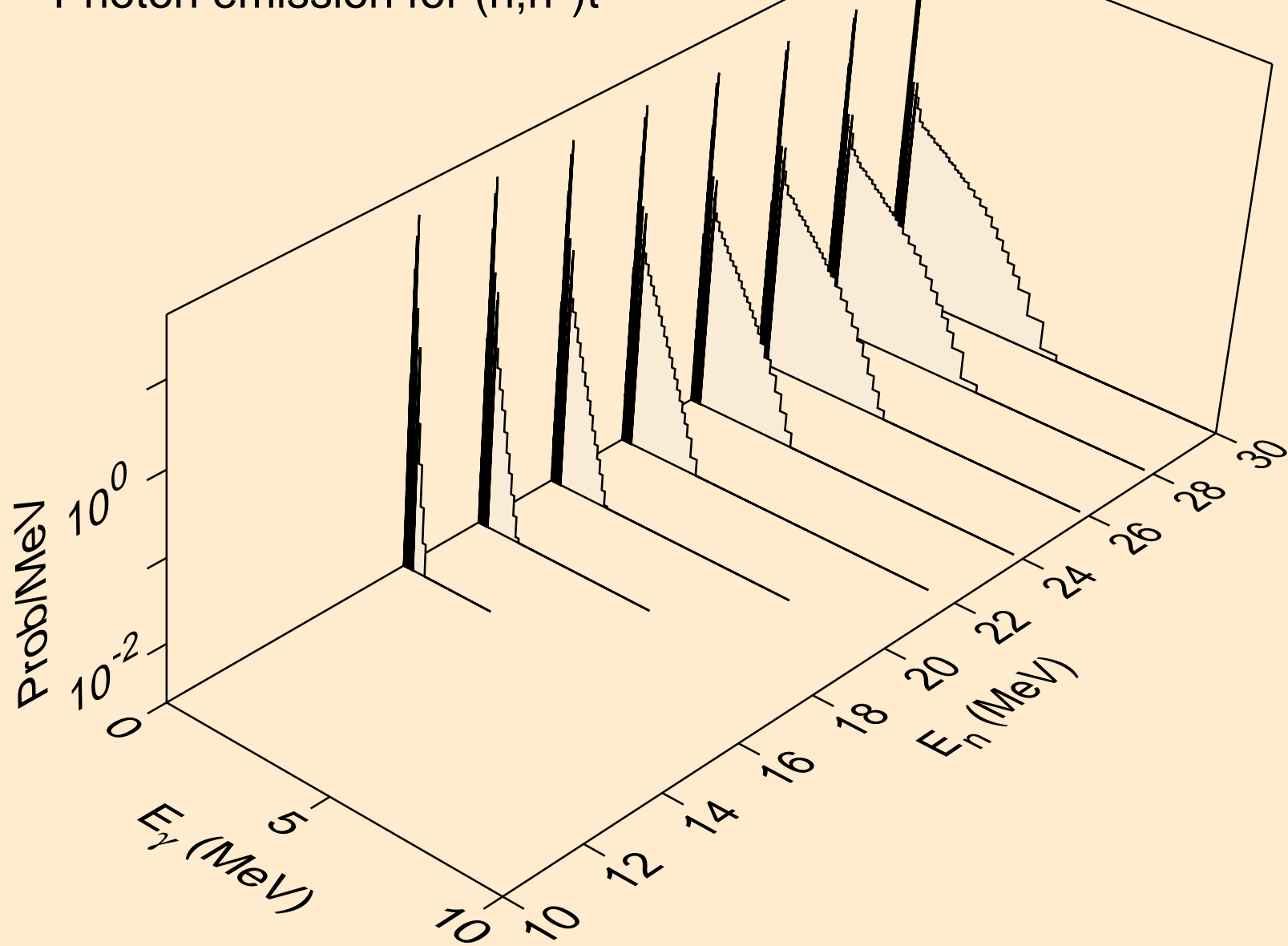
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



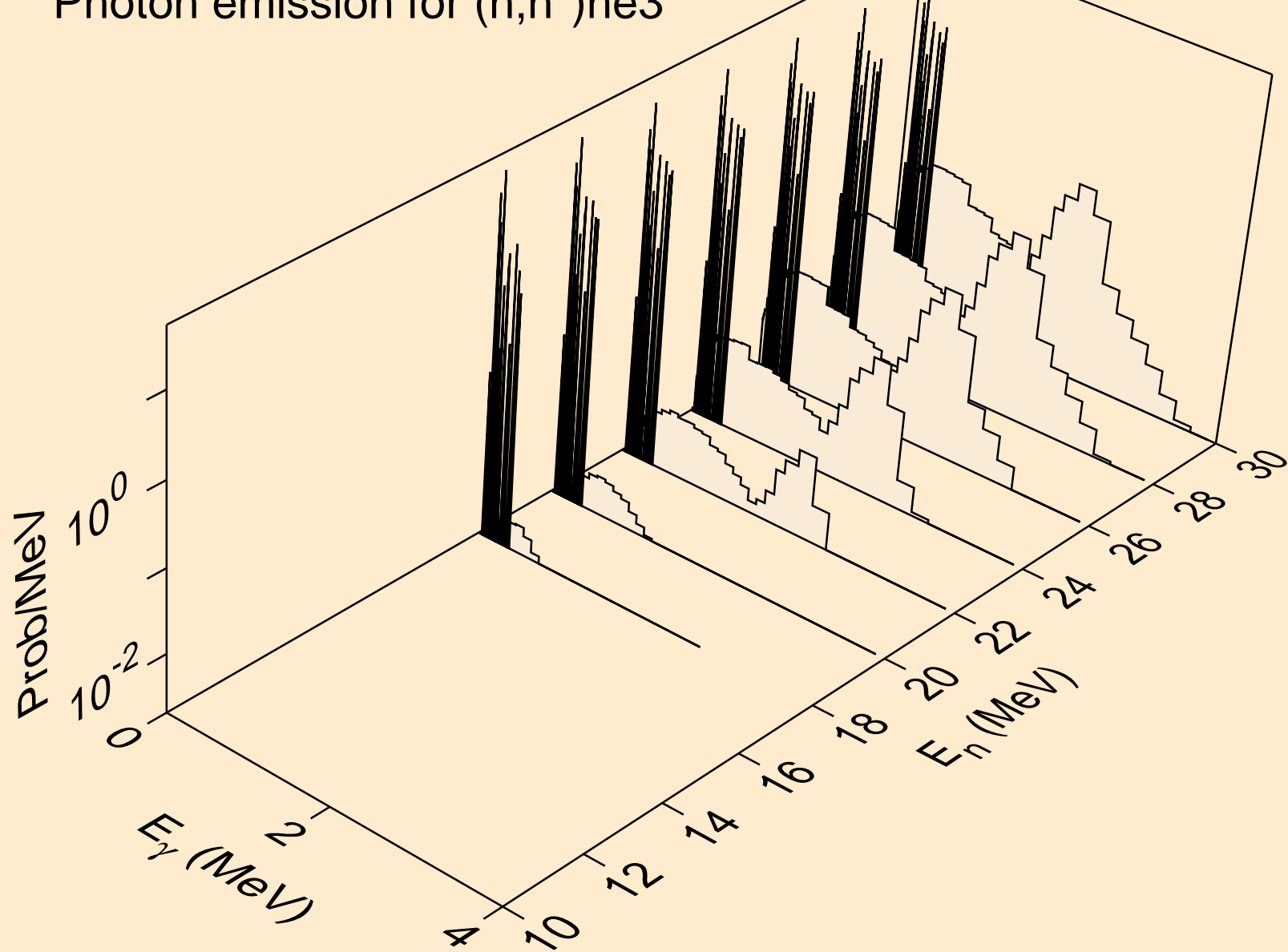
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



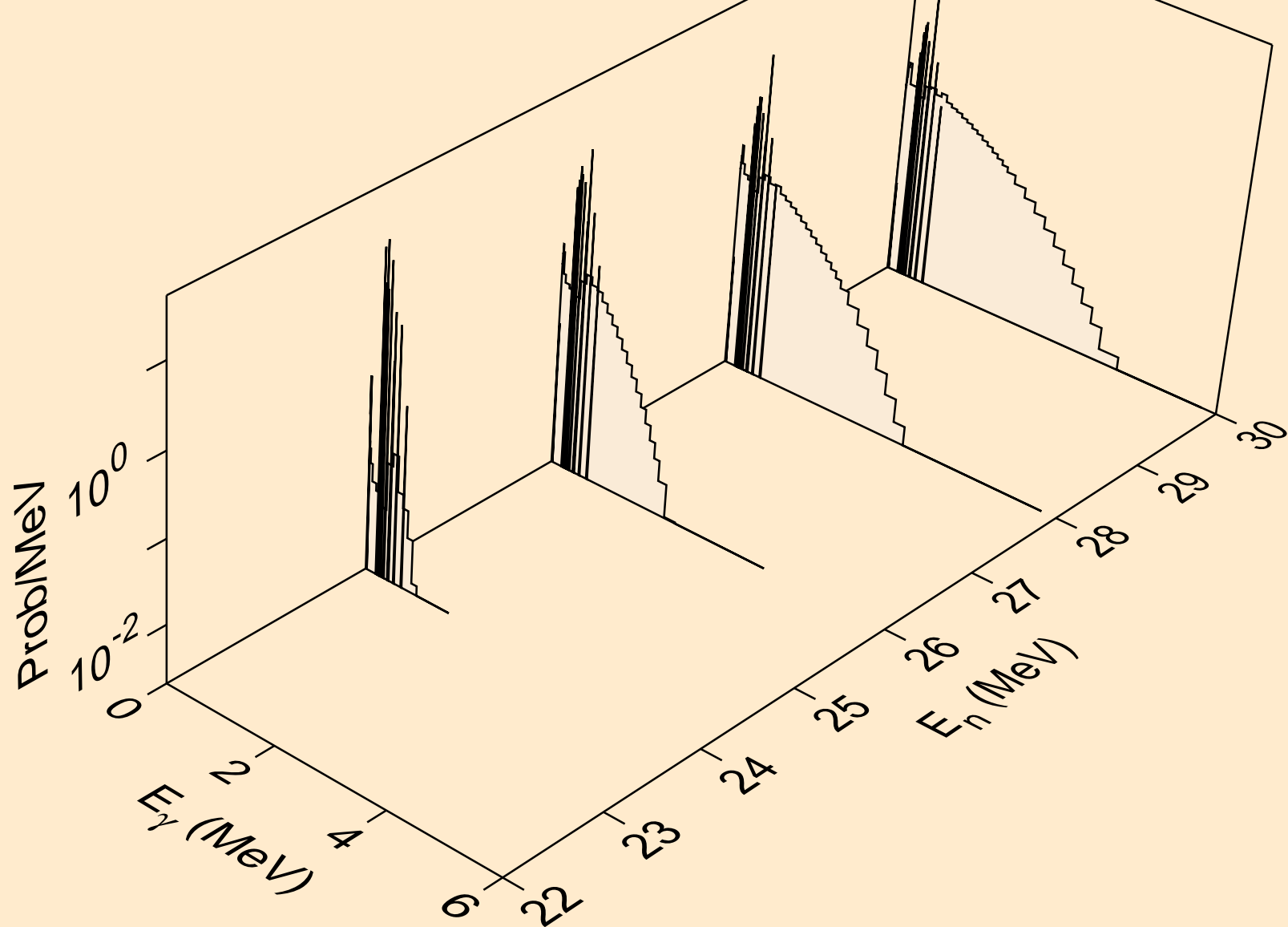
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



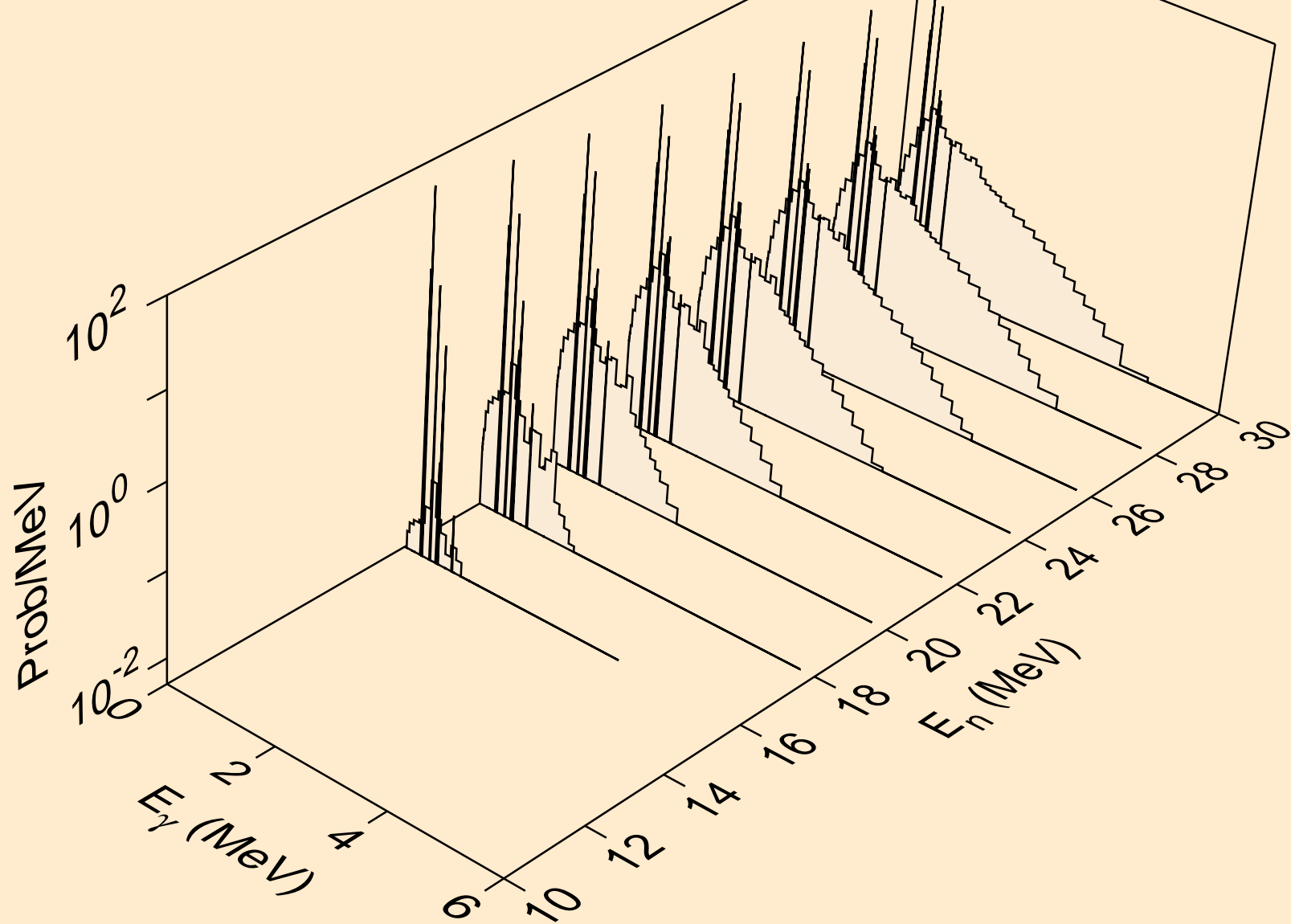
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



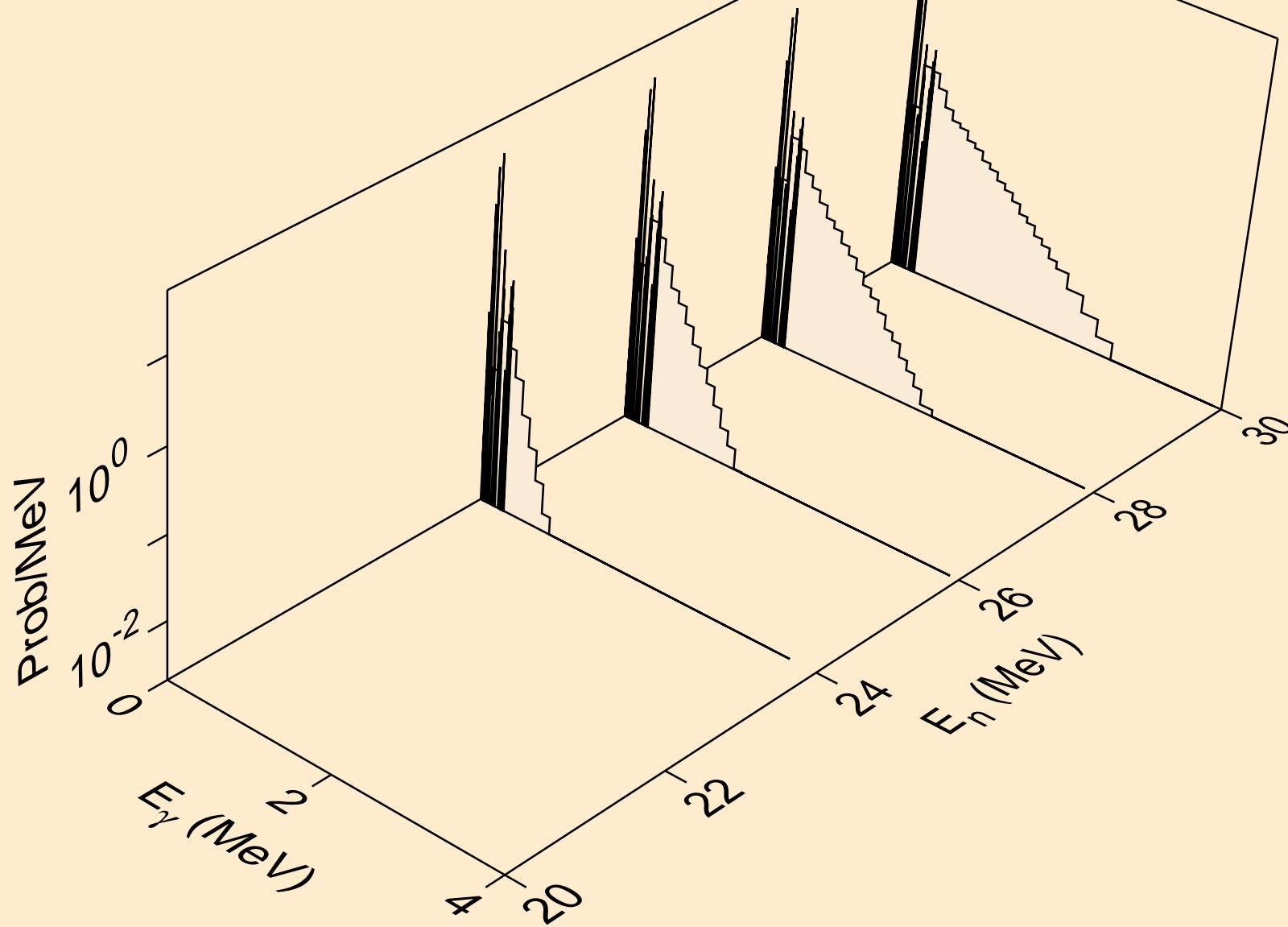
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



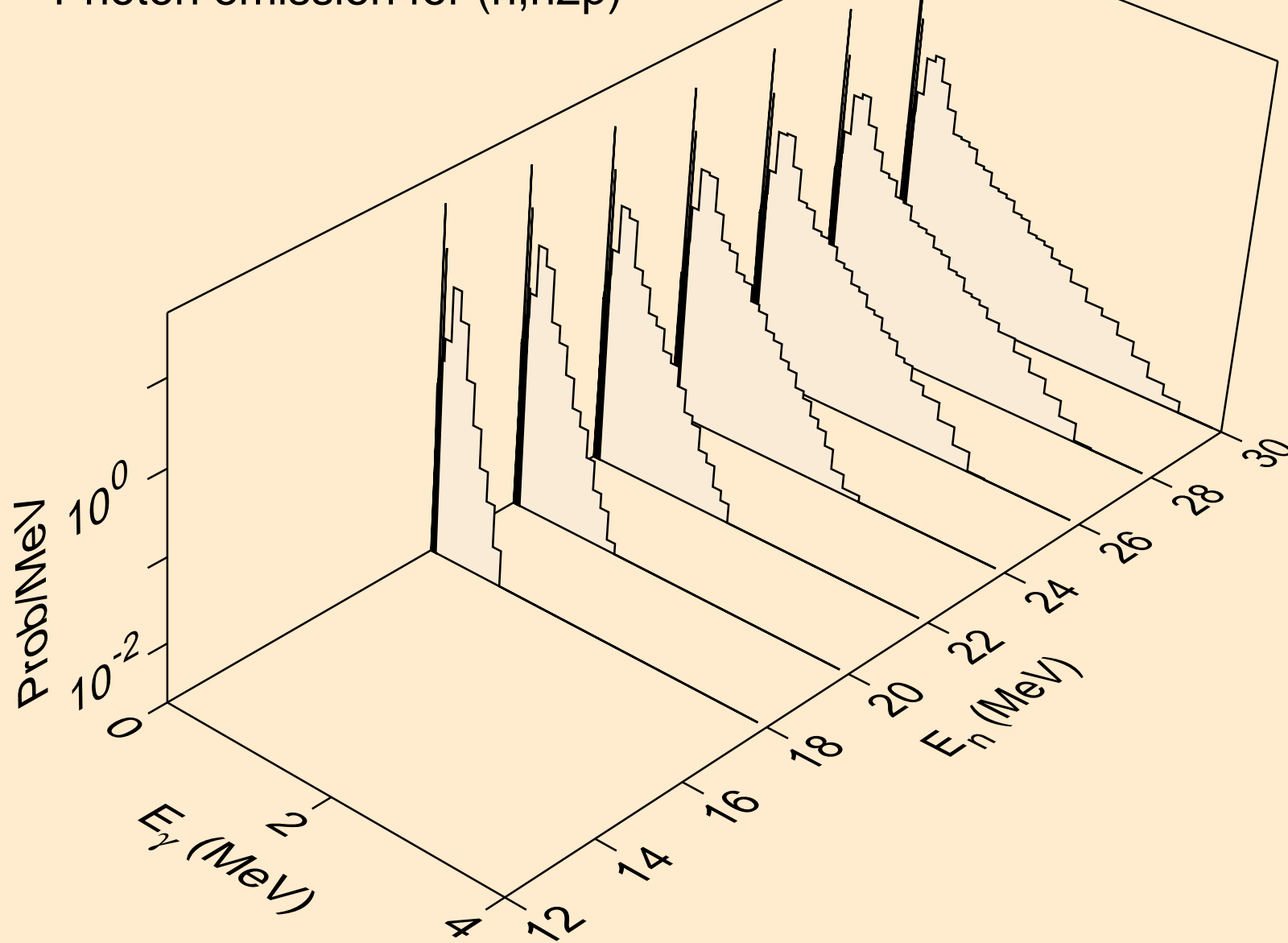
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

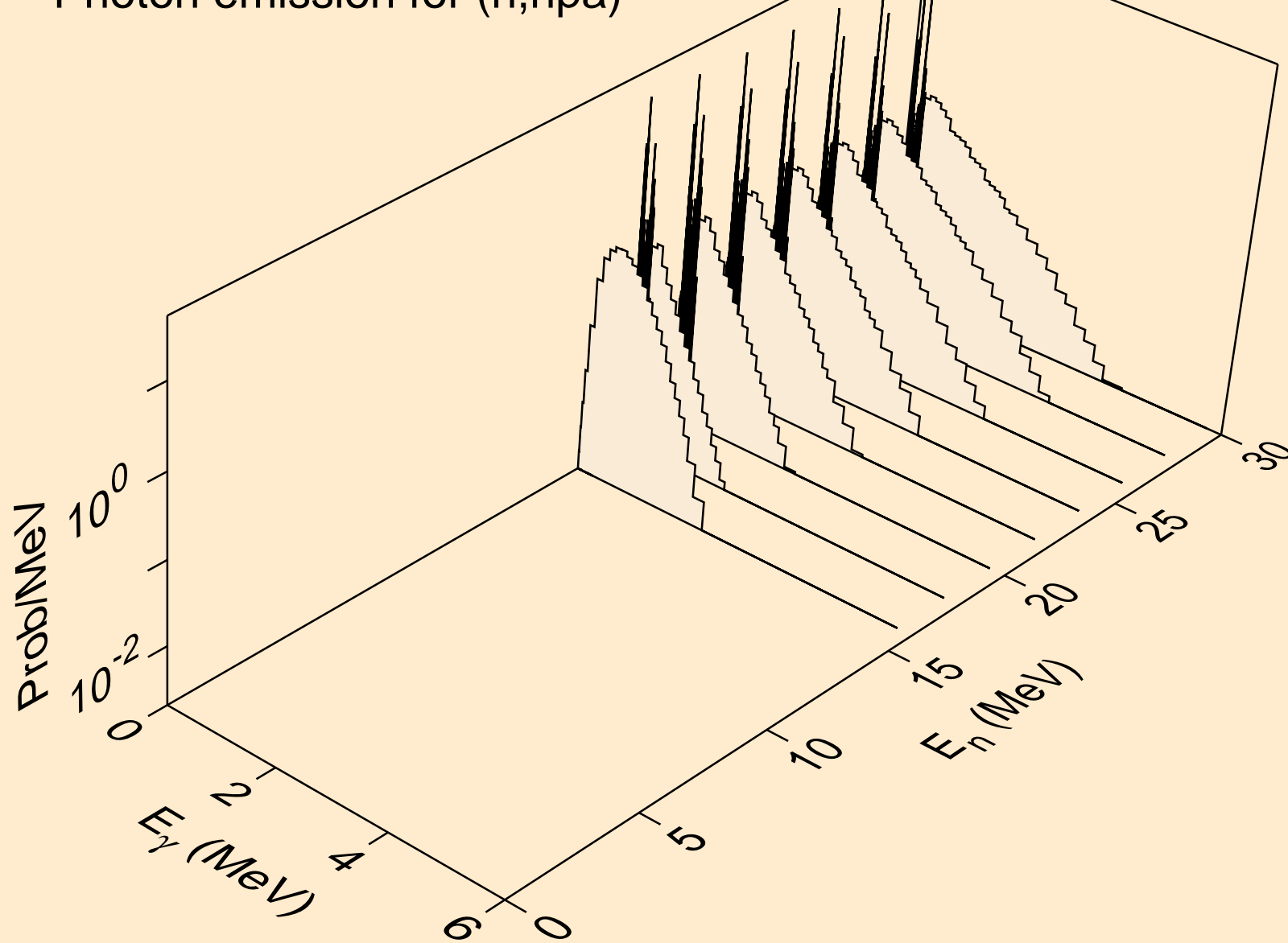


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

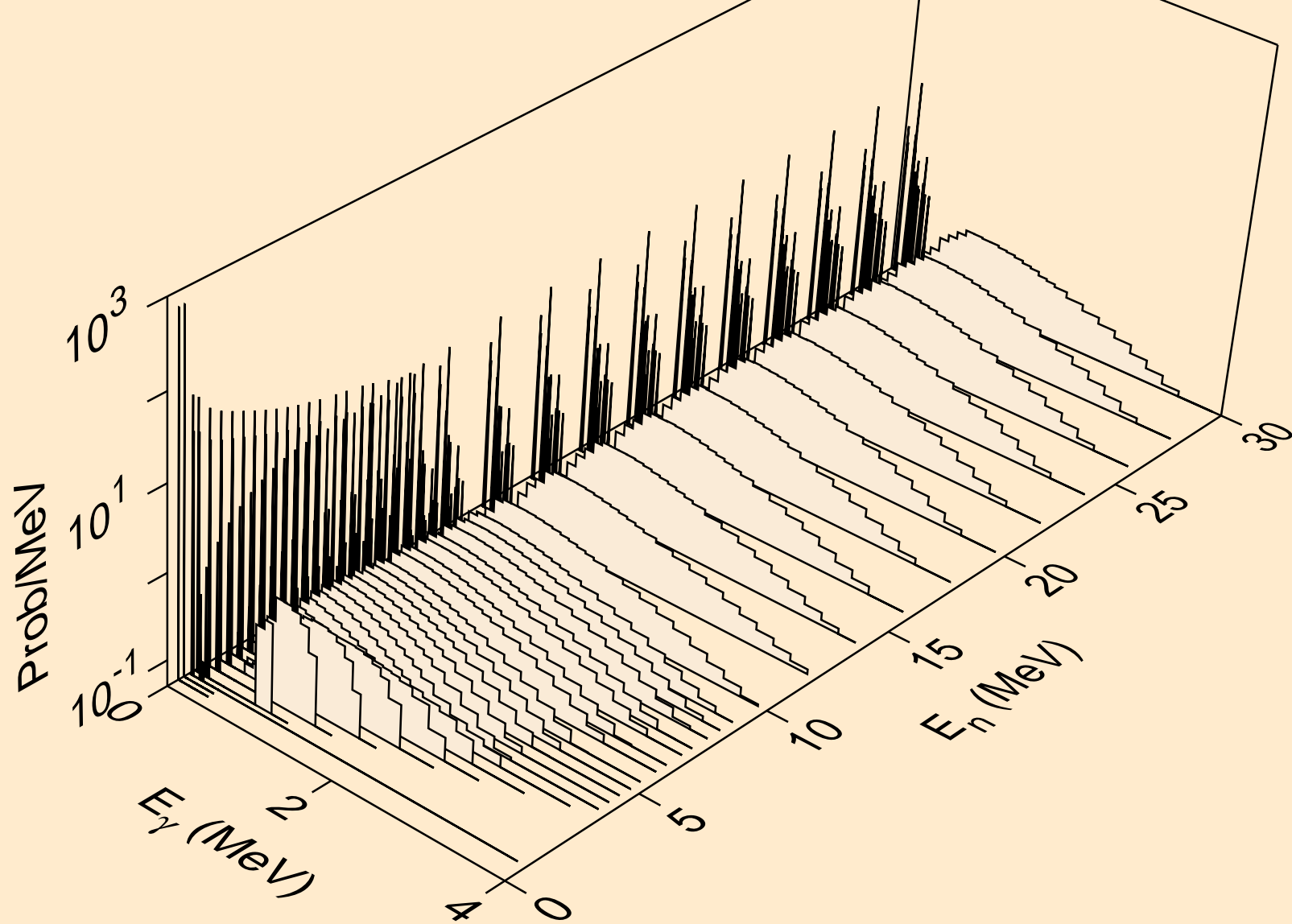




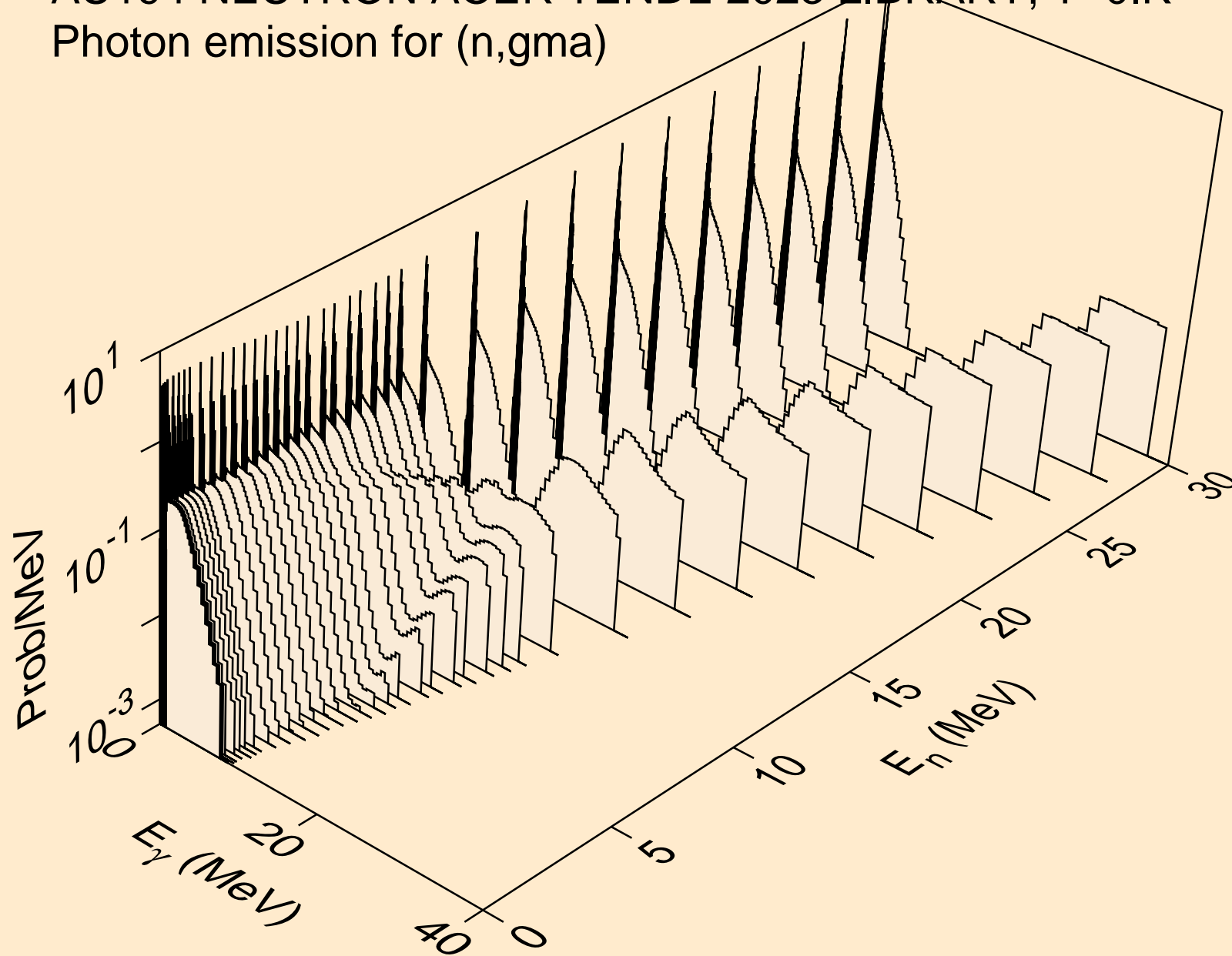
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



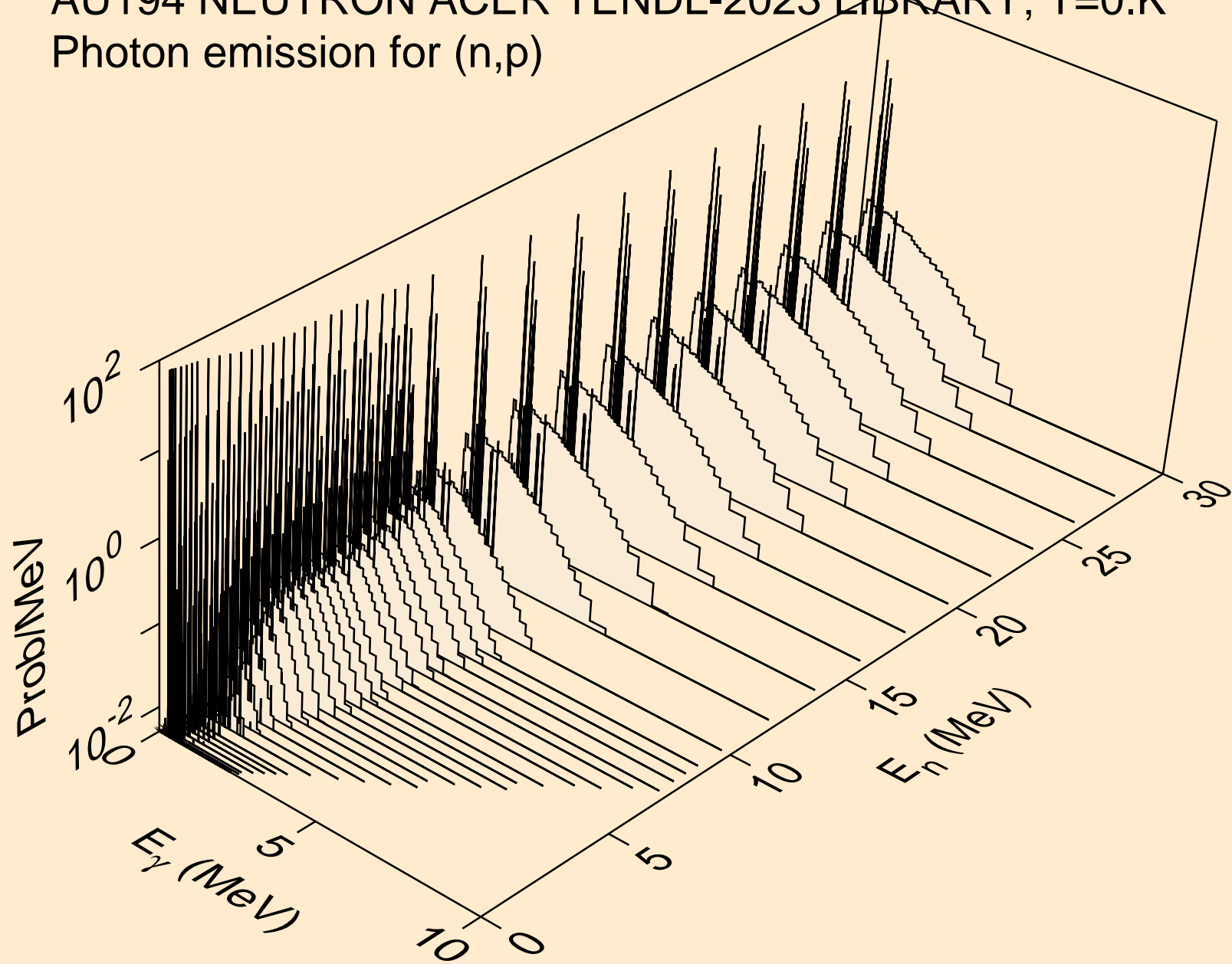
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



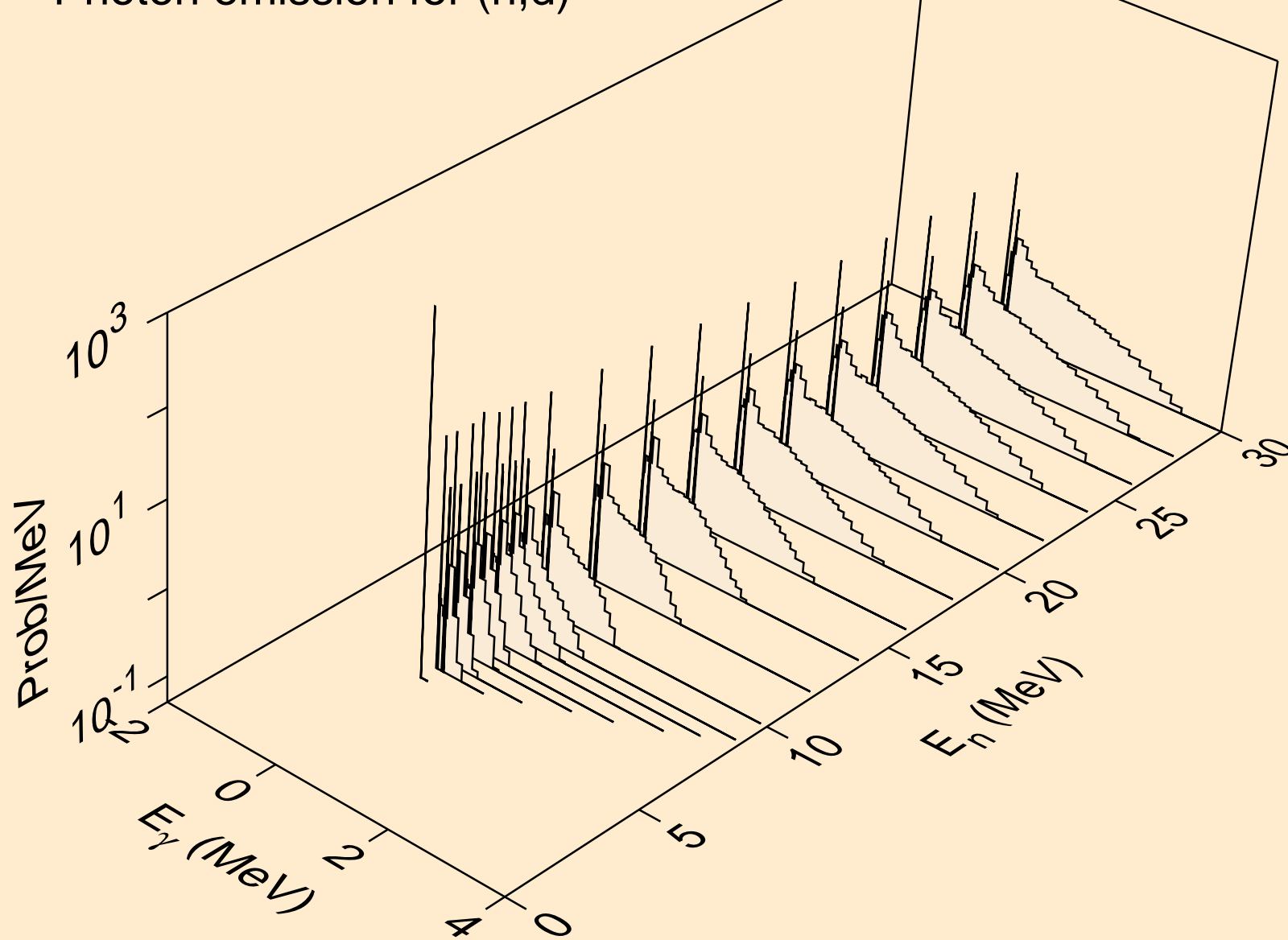
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



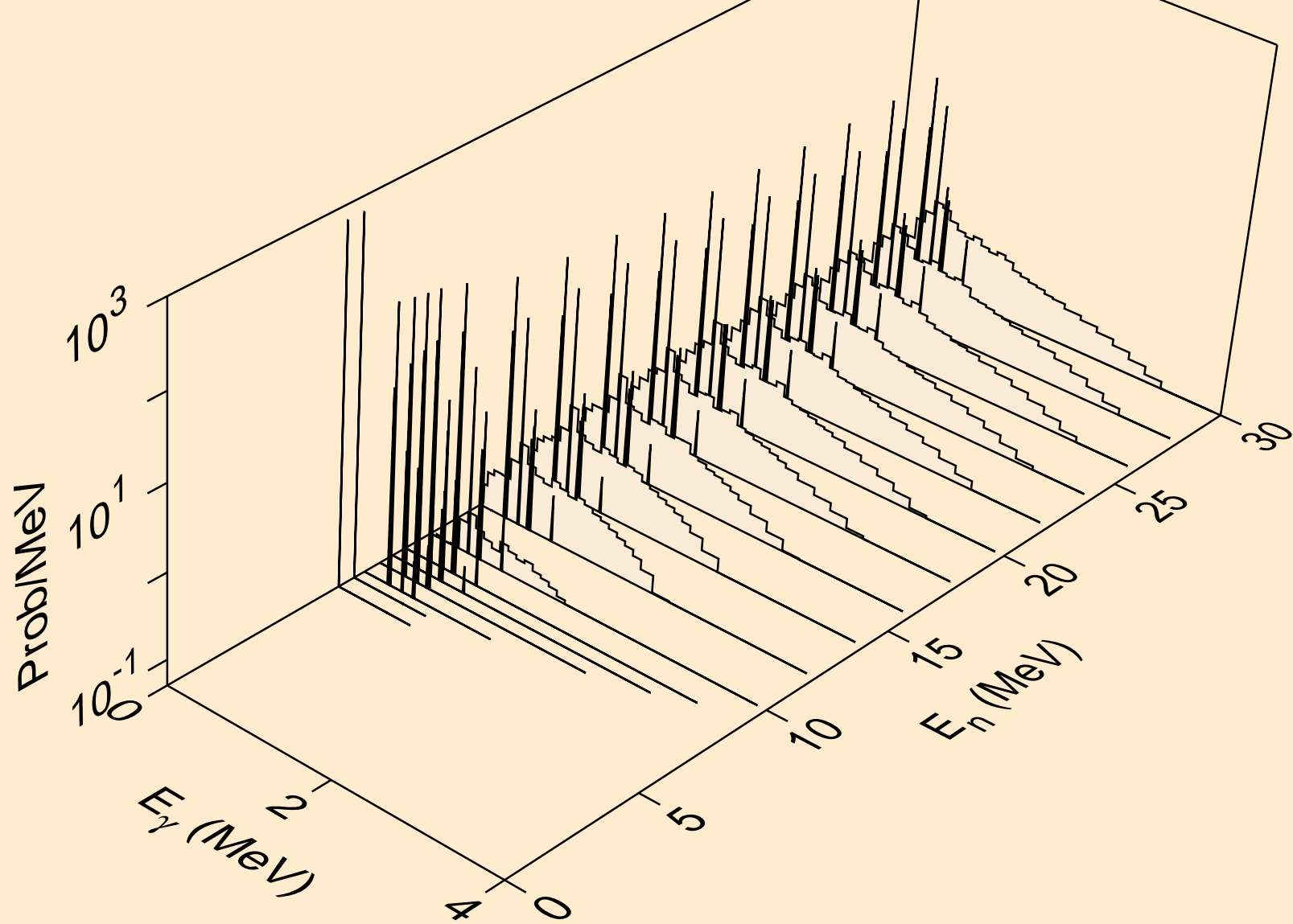
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



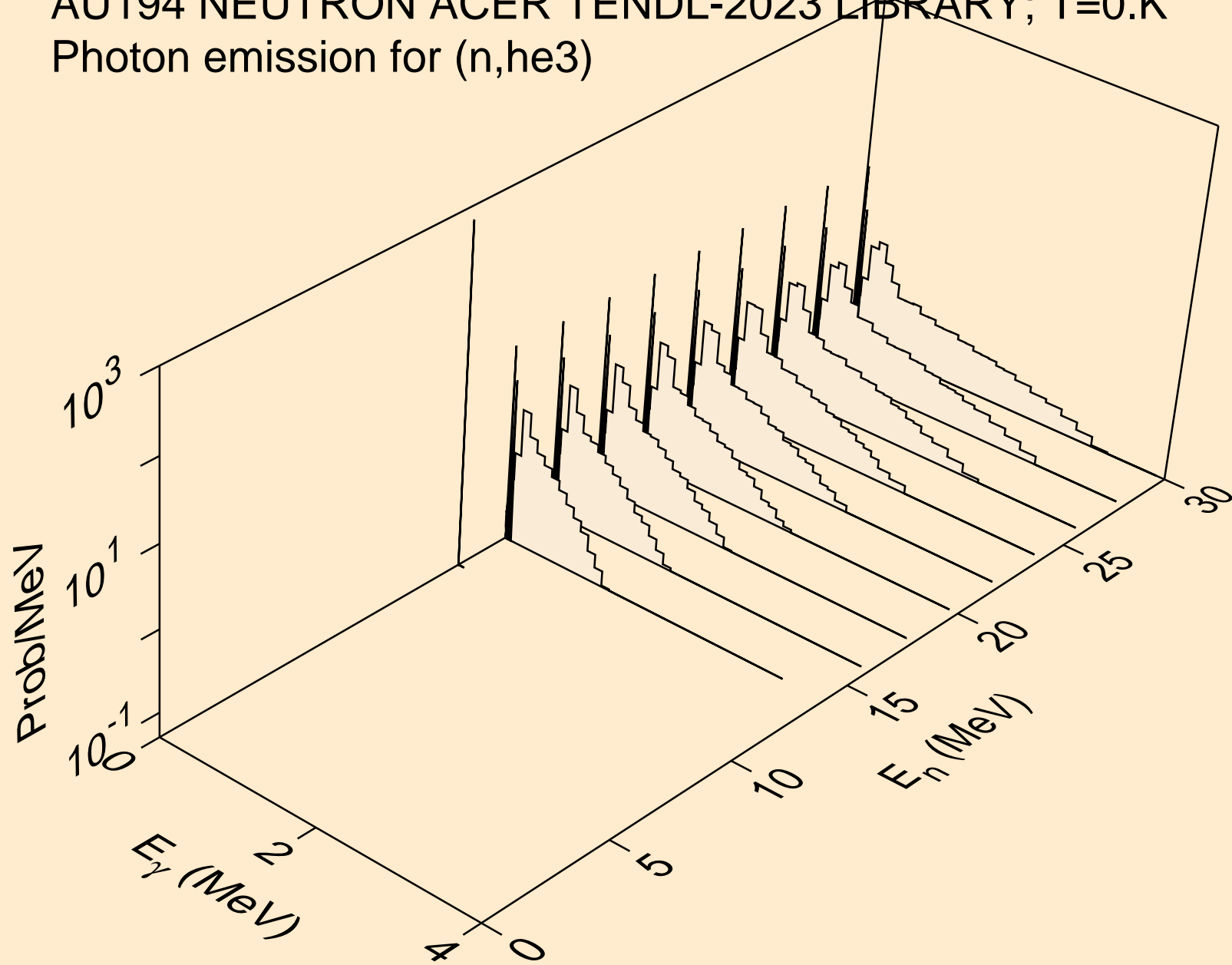
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



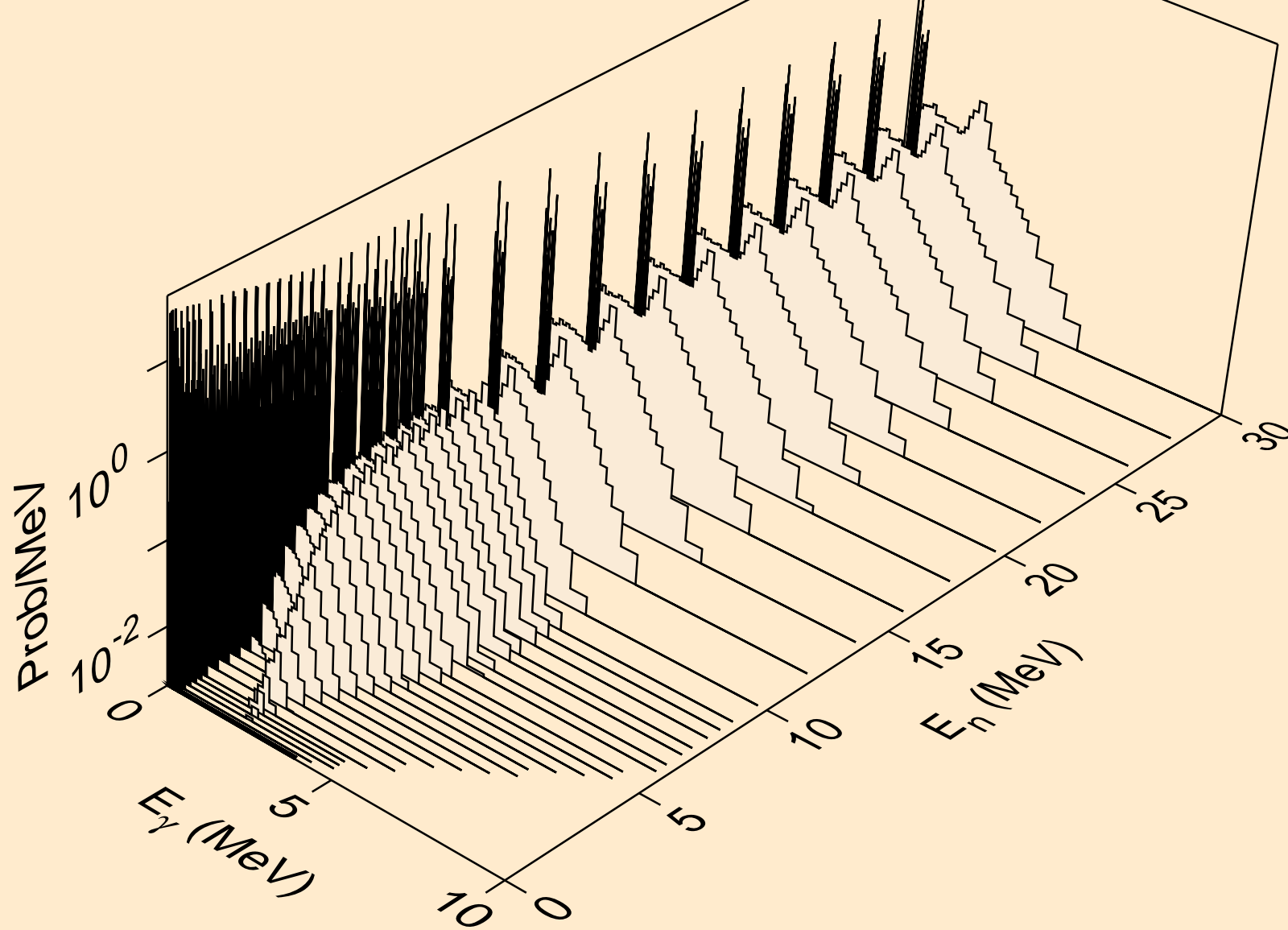
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

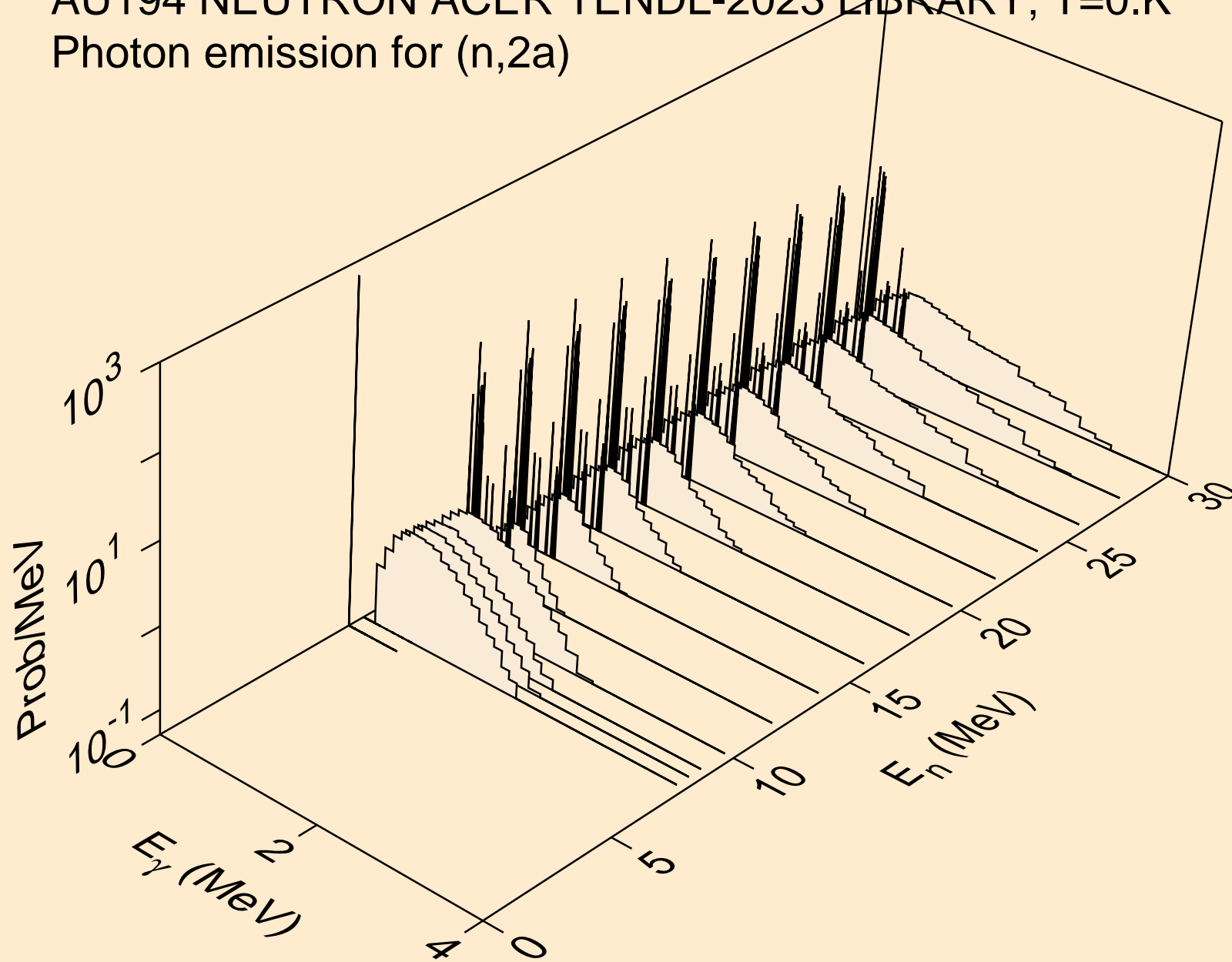


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

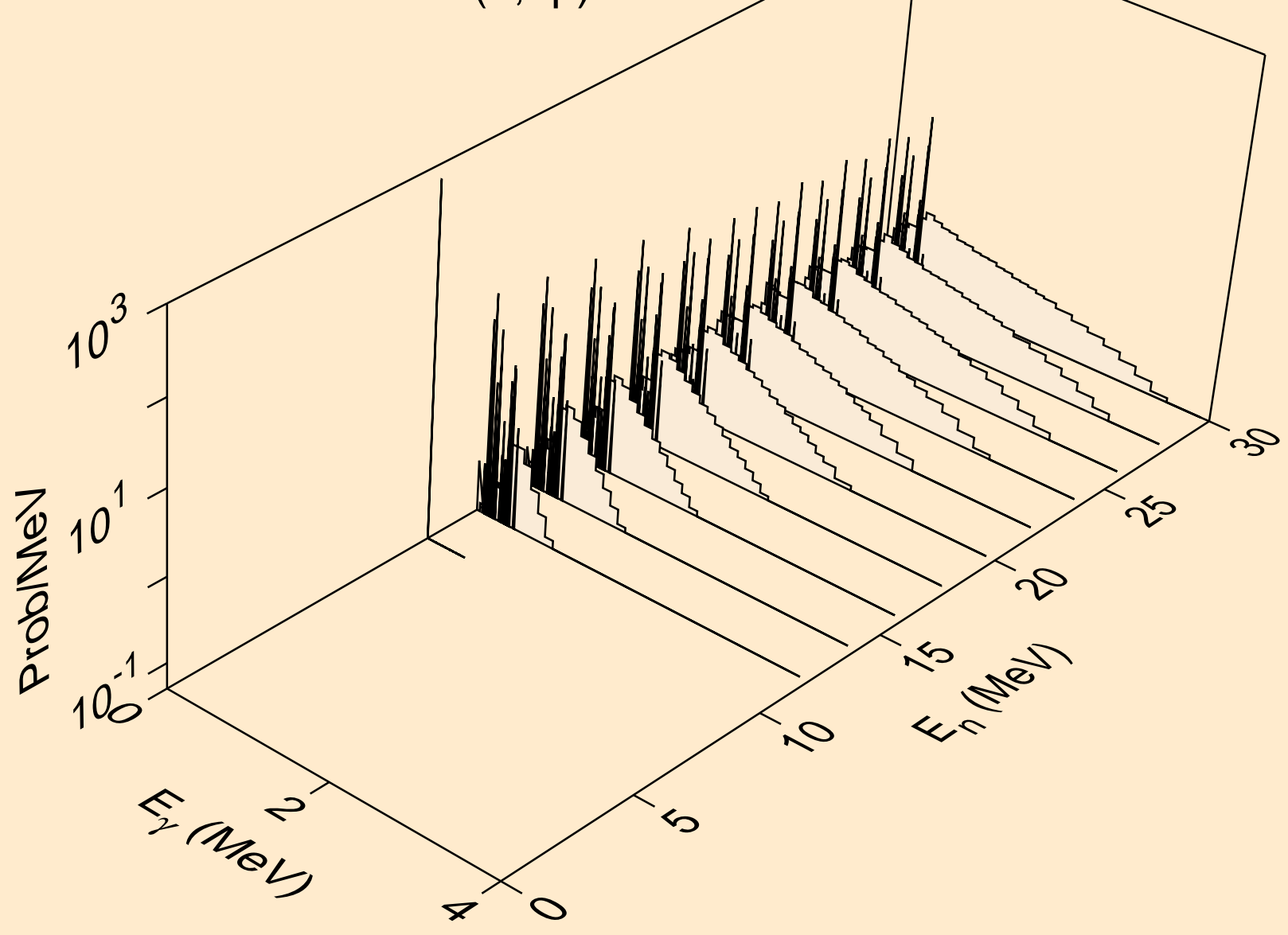




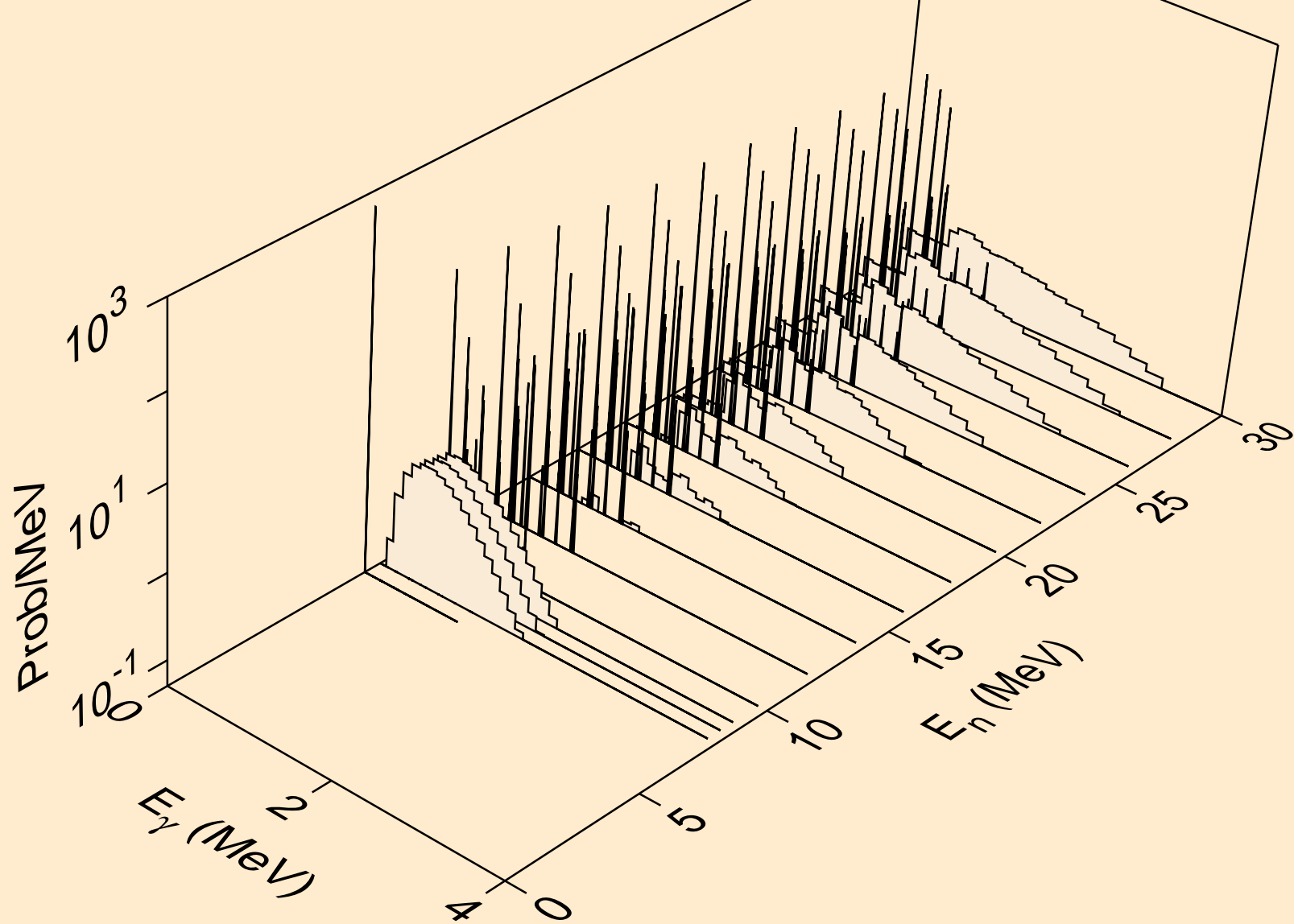
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



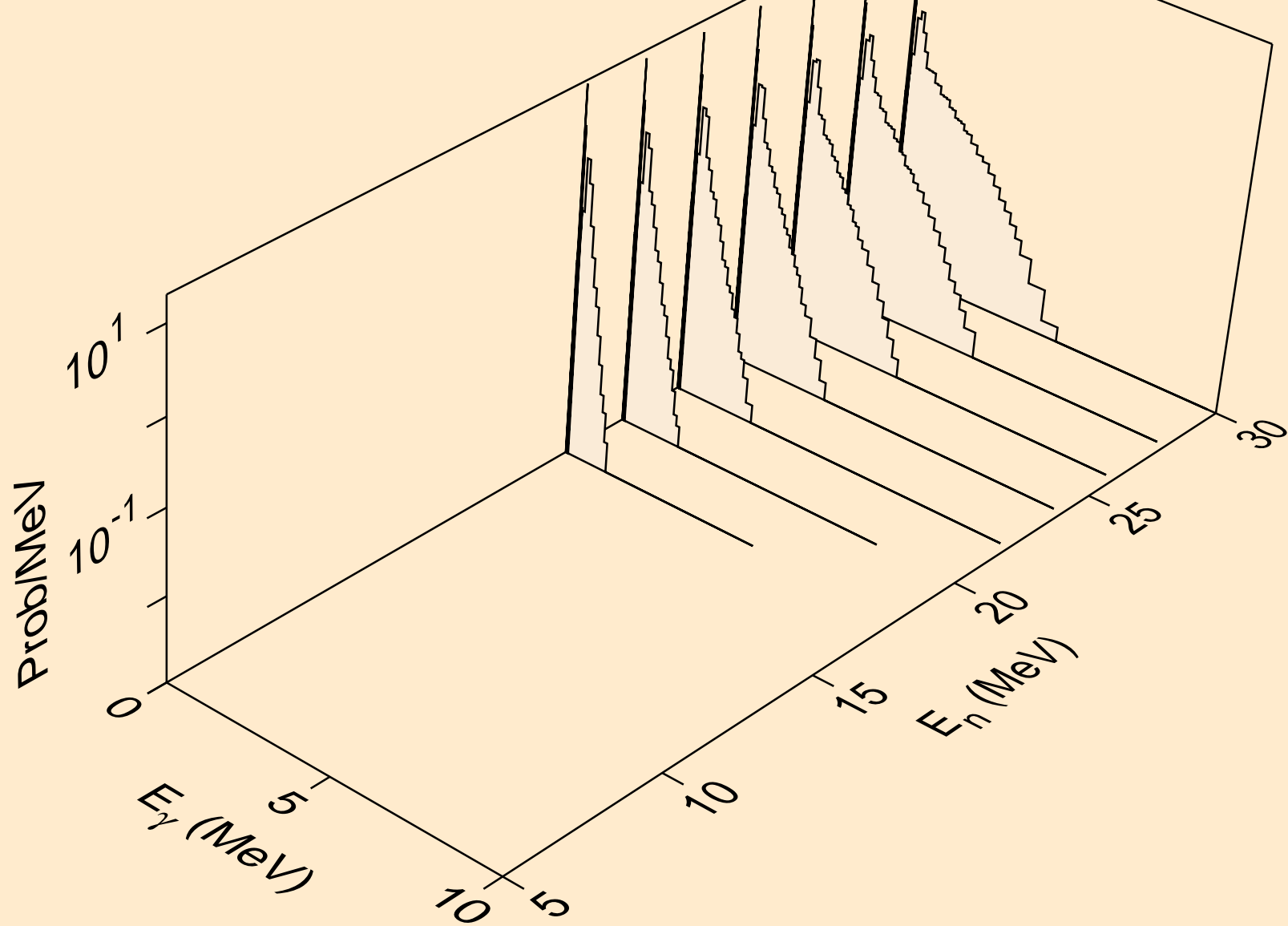
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Photon emission for (n,2p)



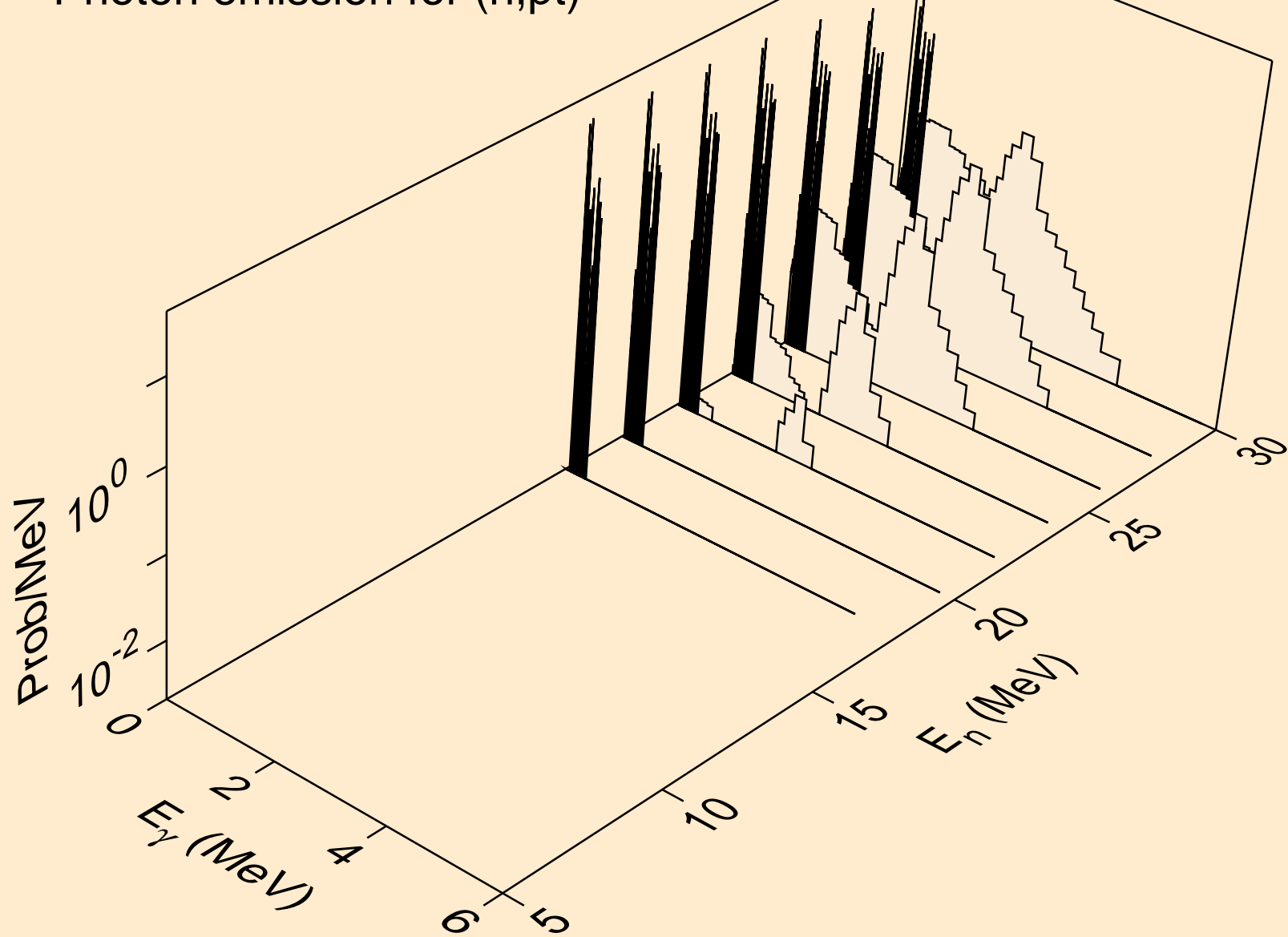
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Photon emission for (n,p $\alpha$ )



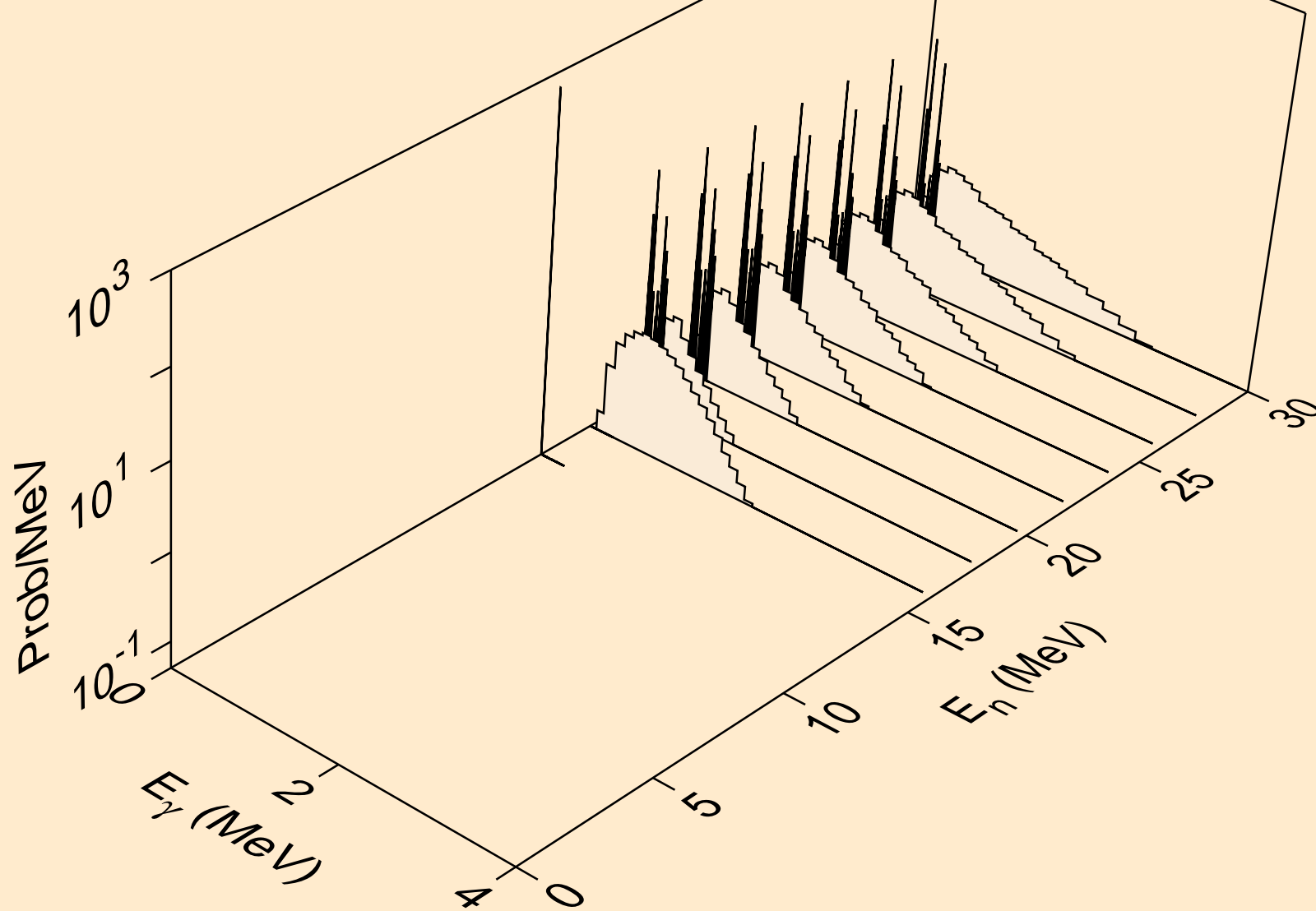
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



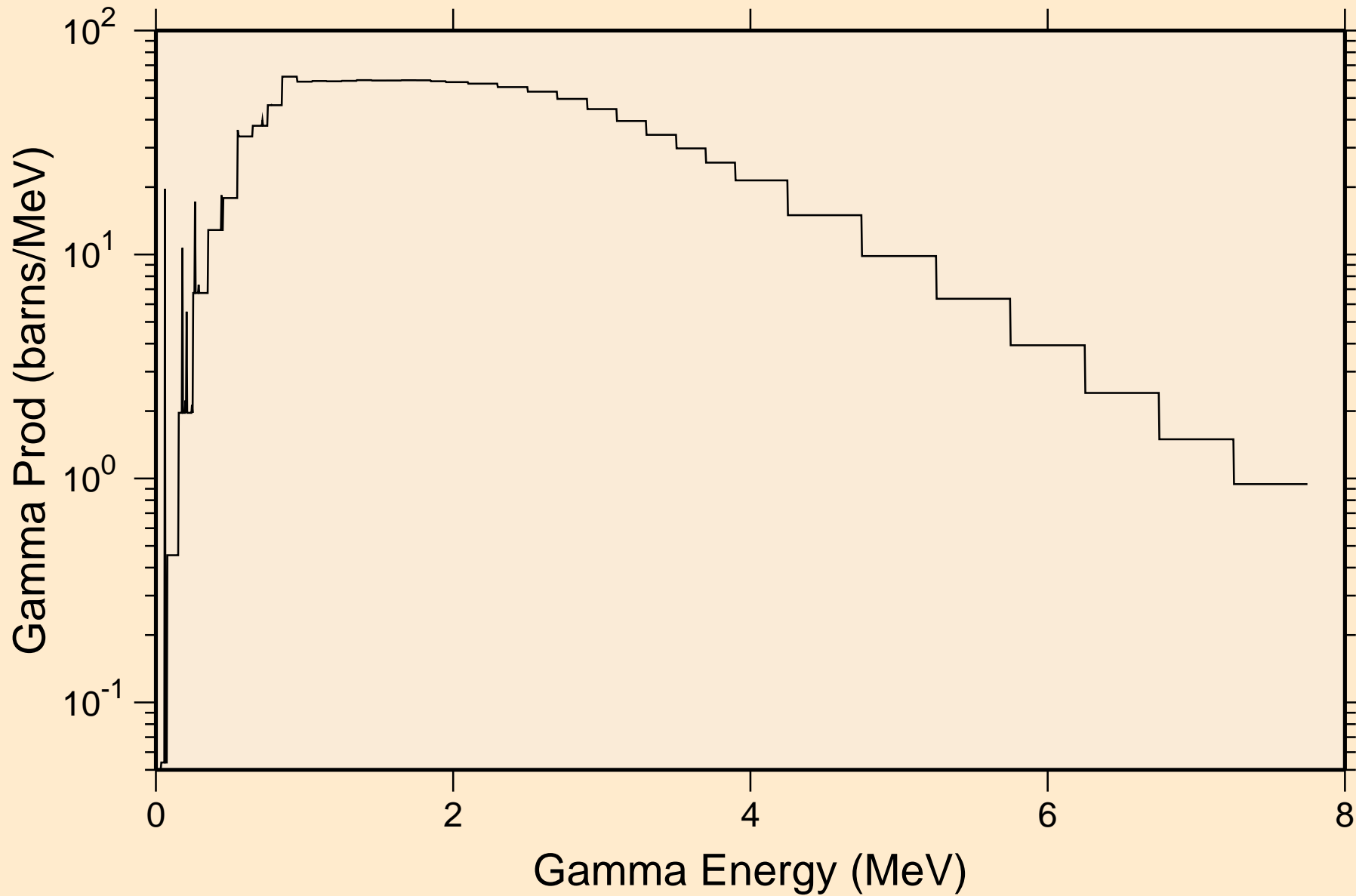
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Photon emission for (n,pt)



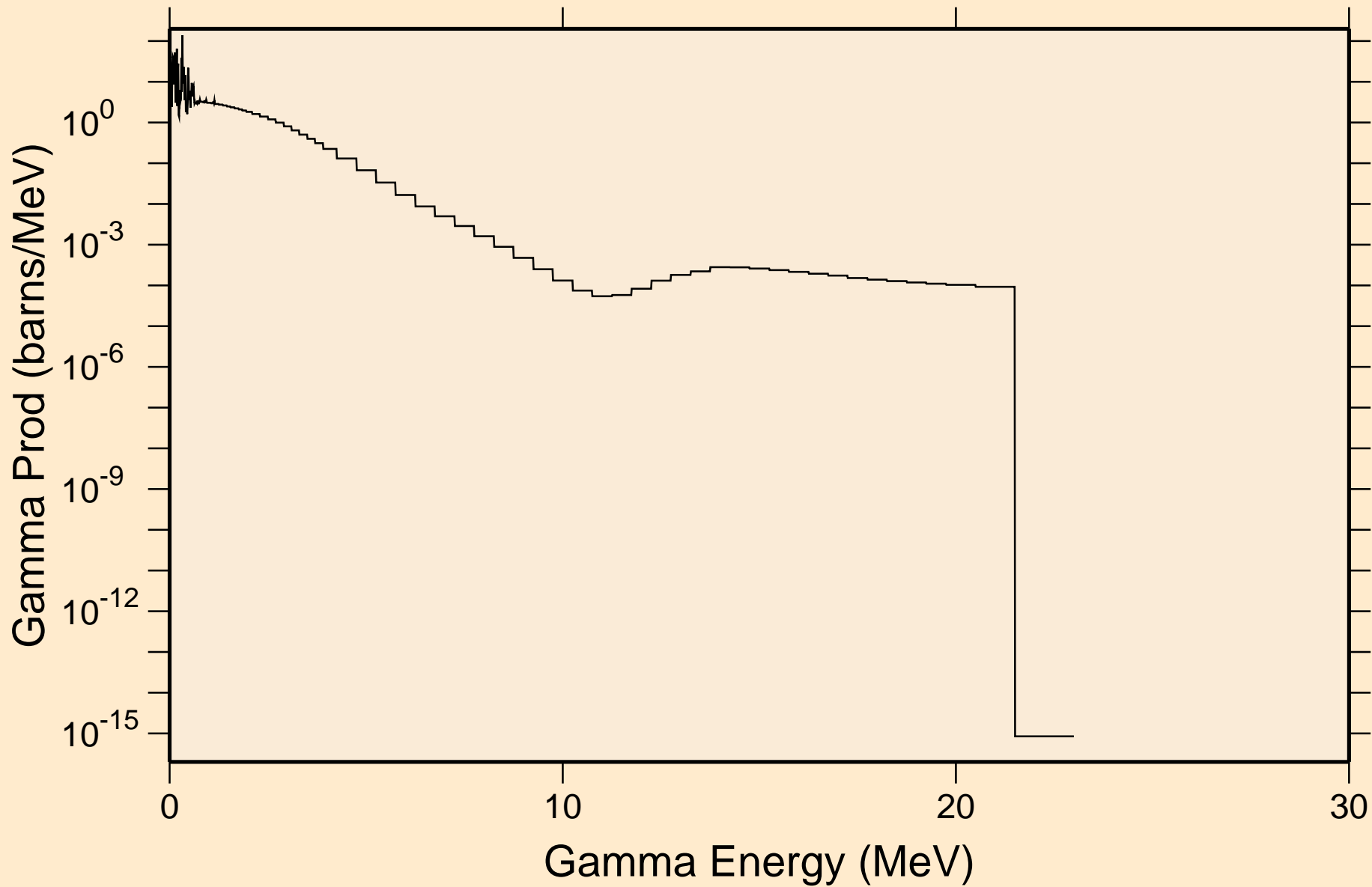
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



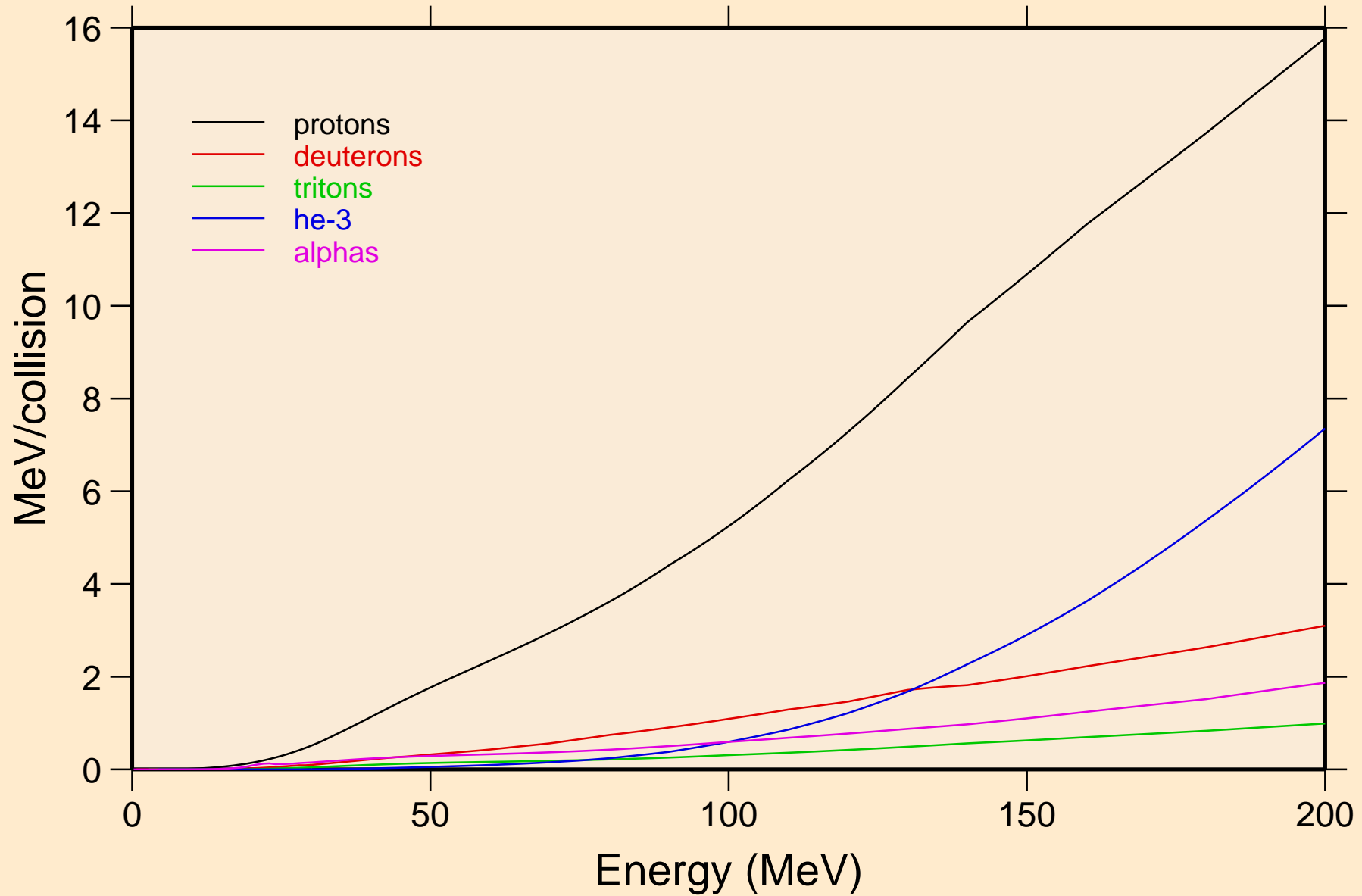
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



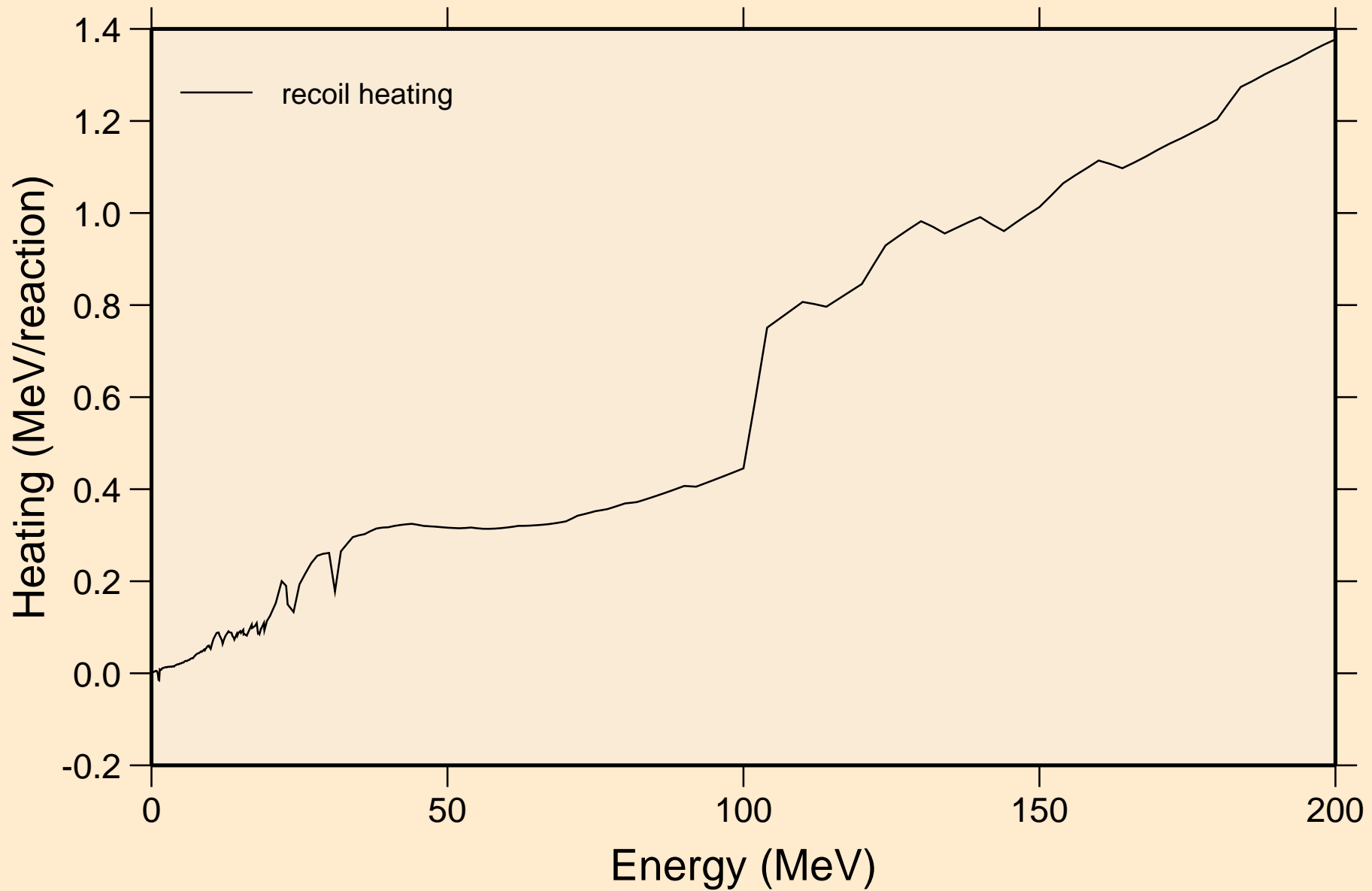


# AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

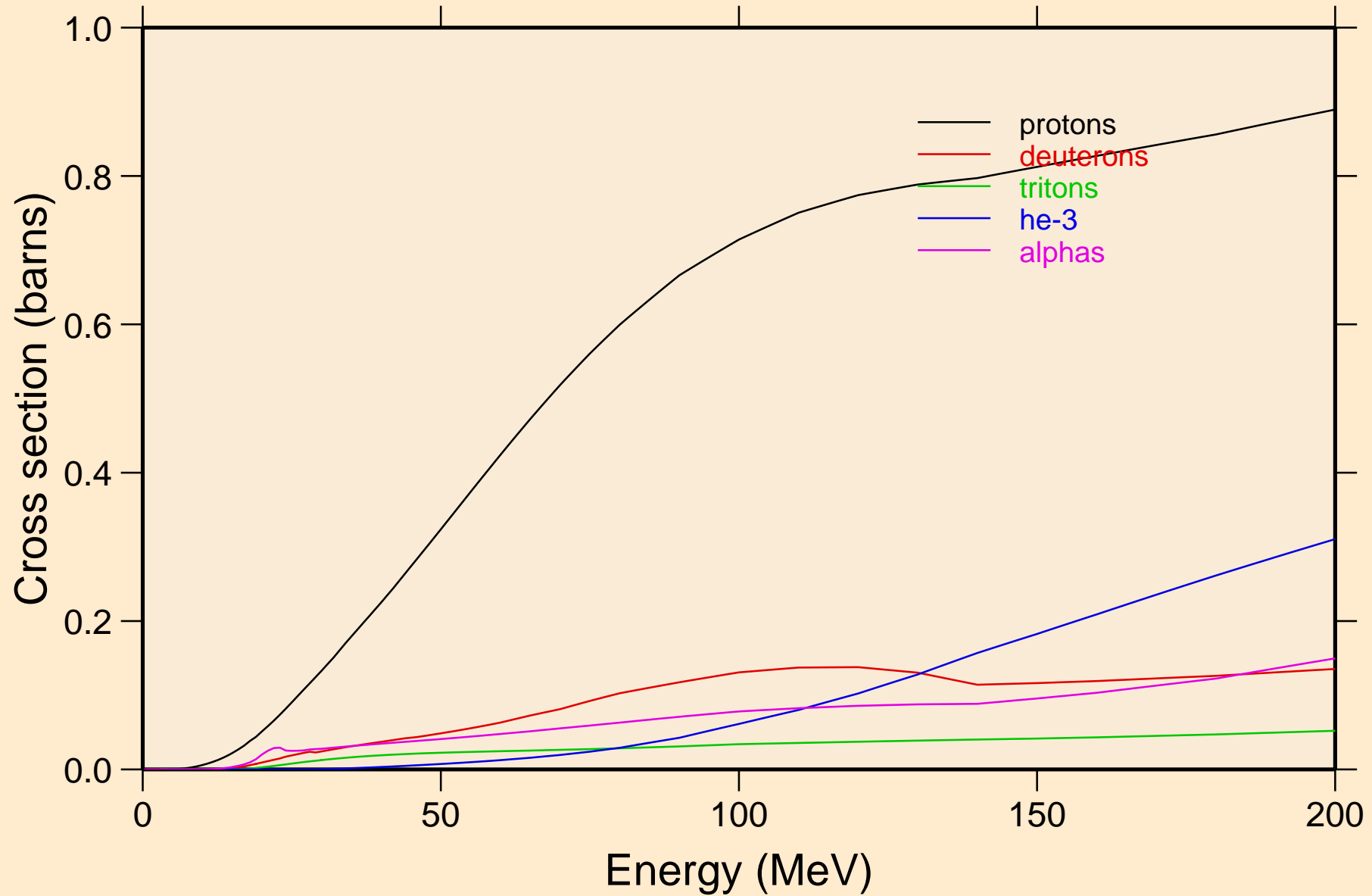
## Particle heating contributions



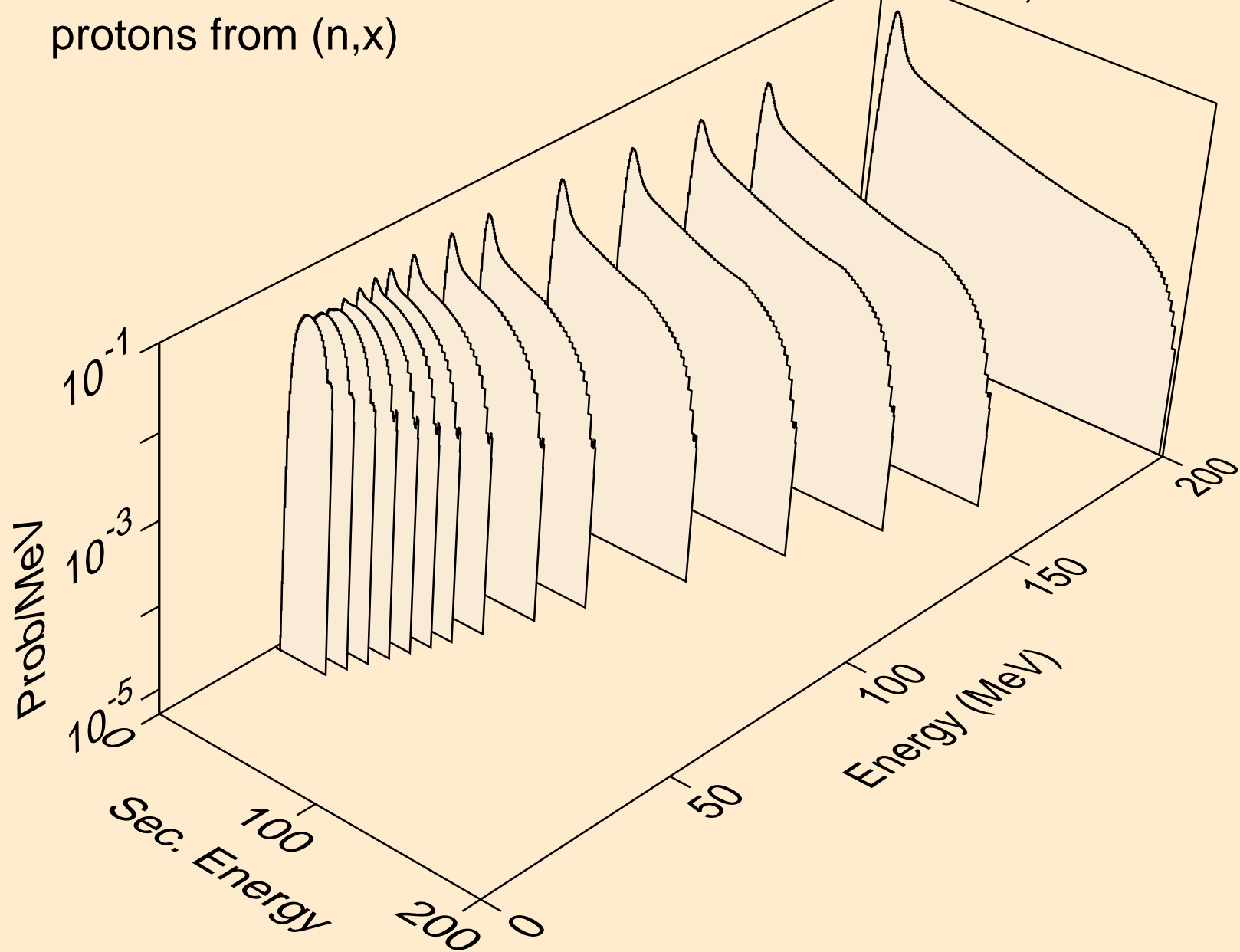
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



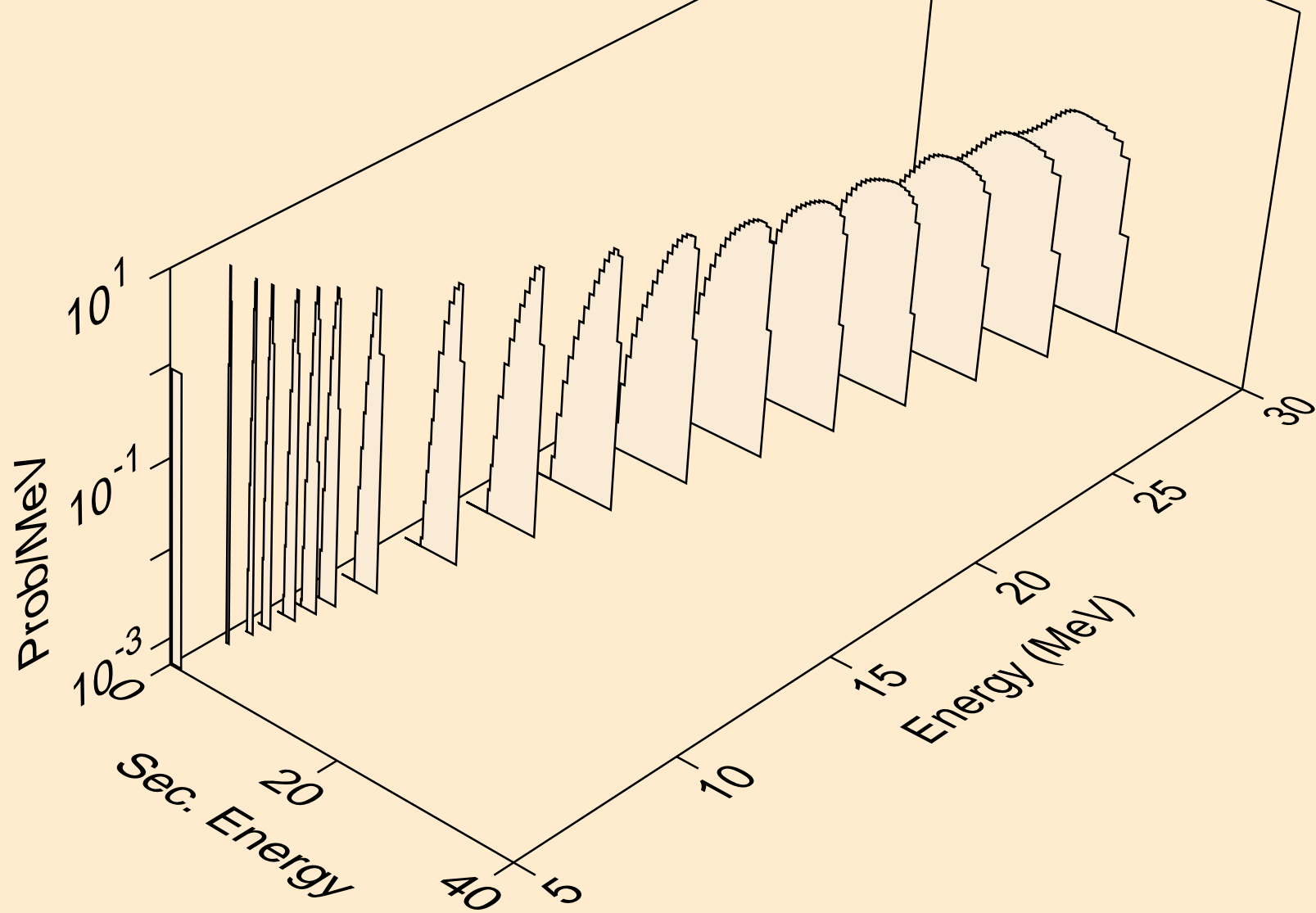
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



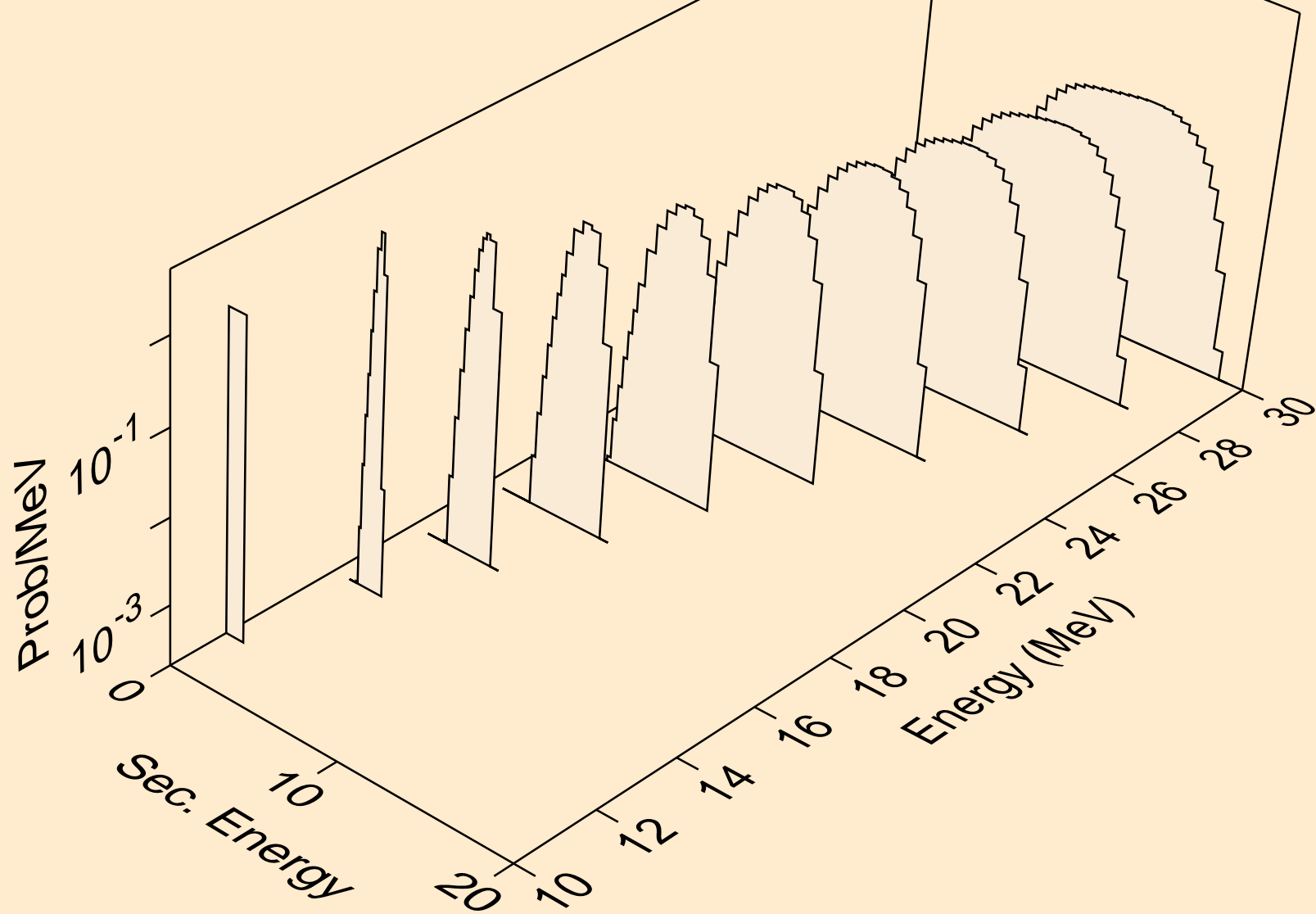
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



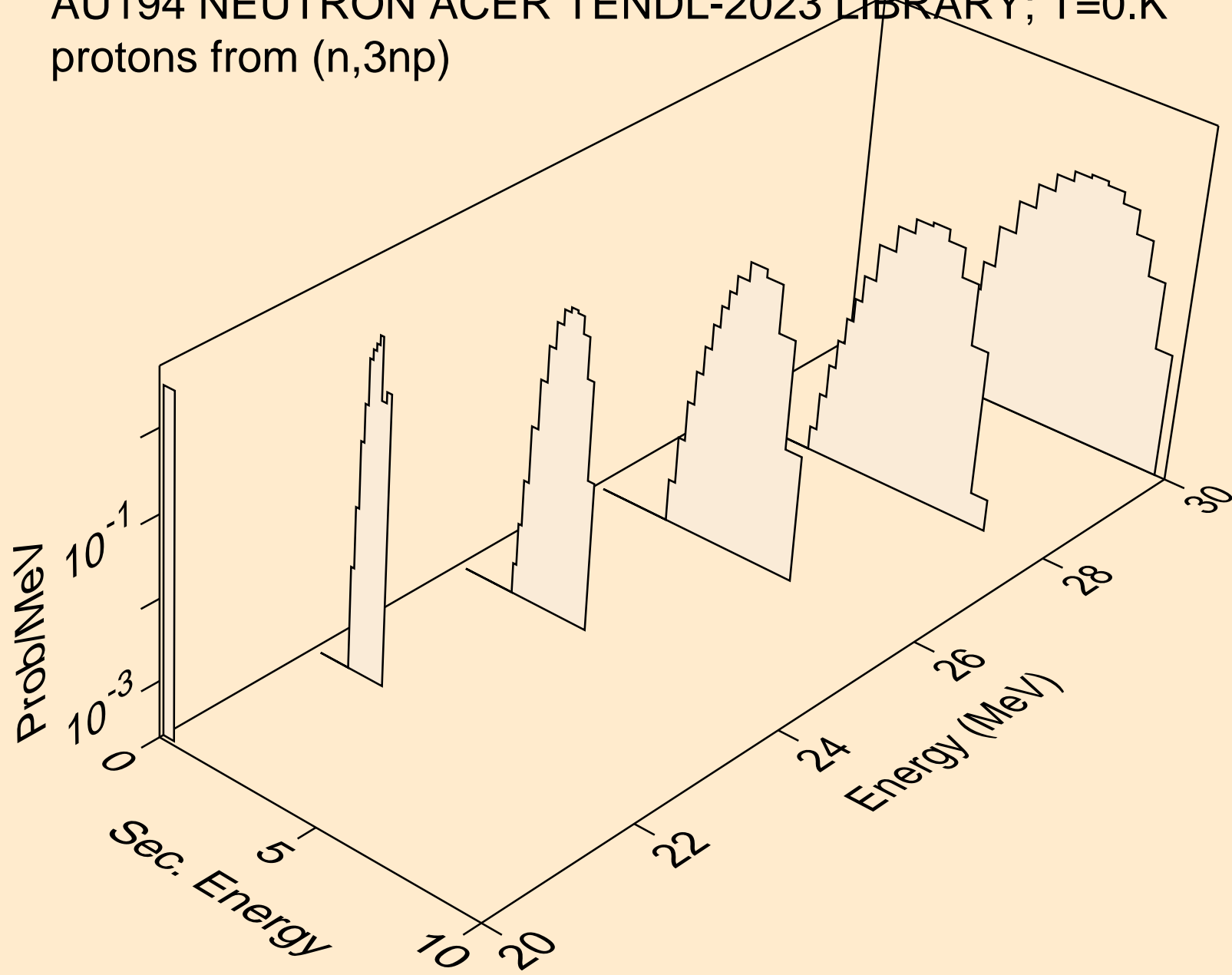
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



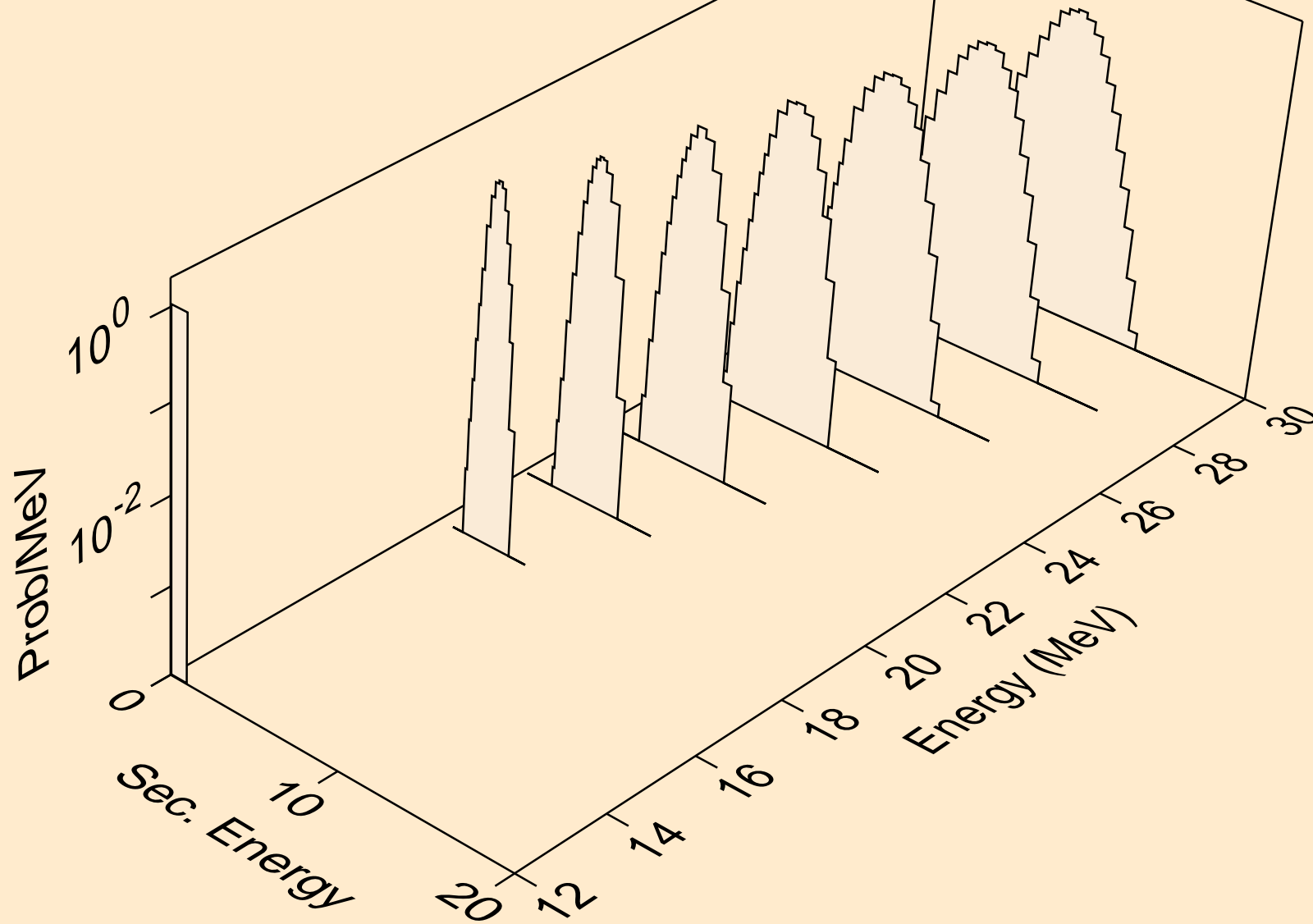
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

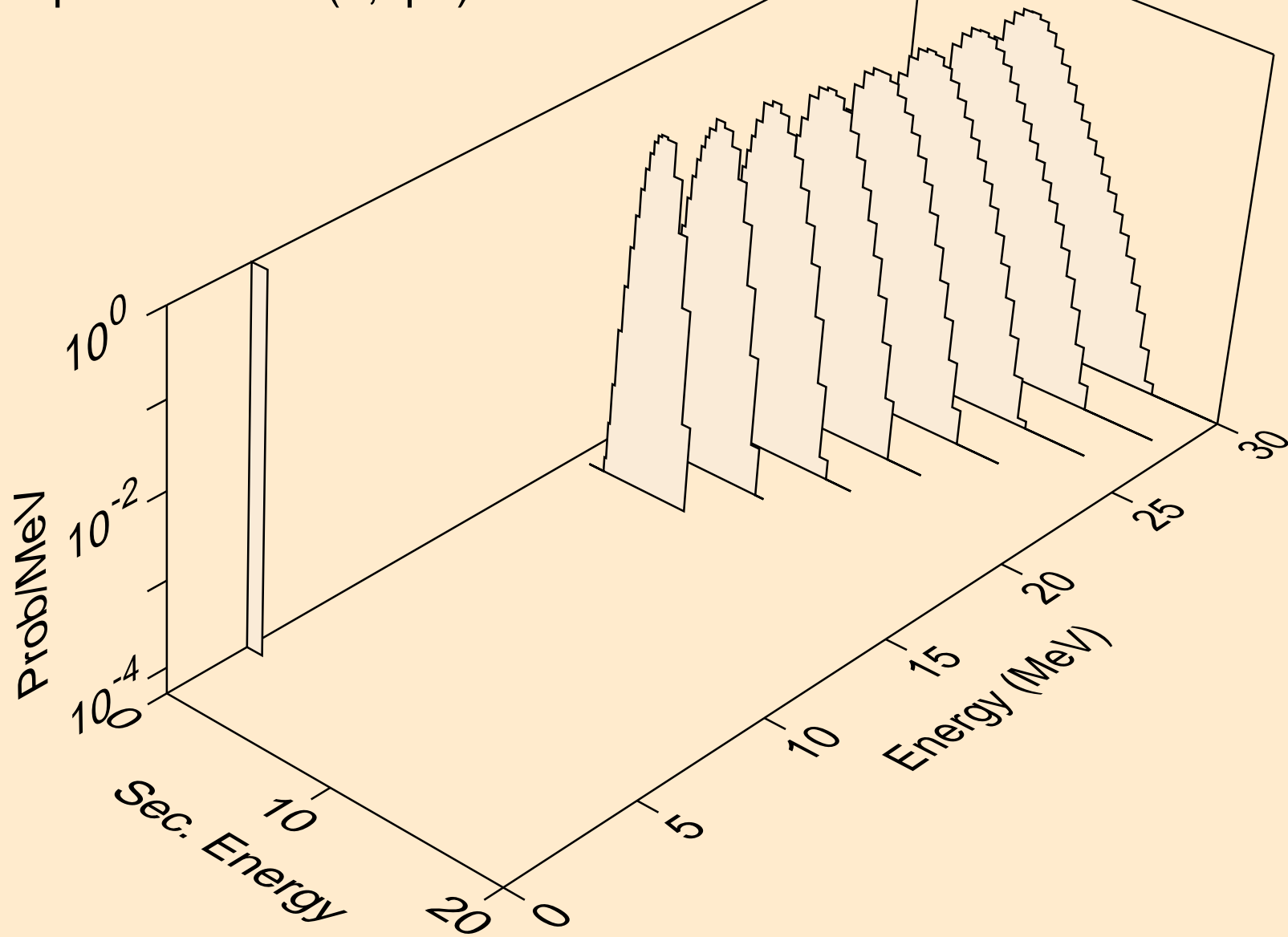


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

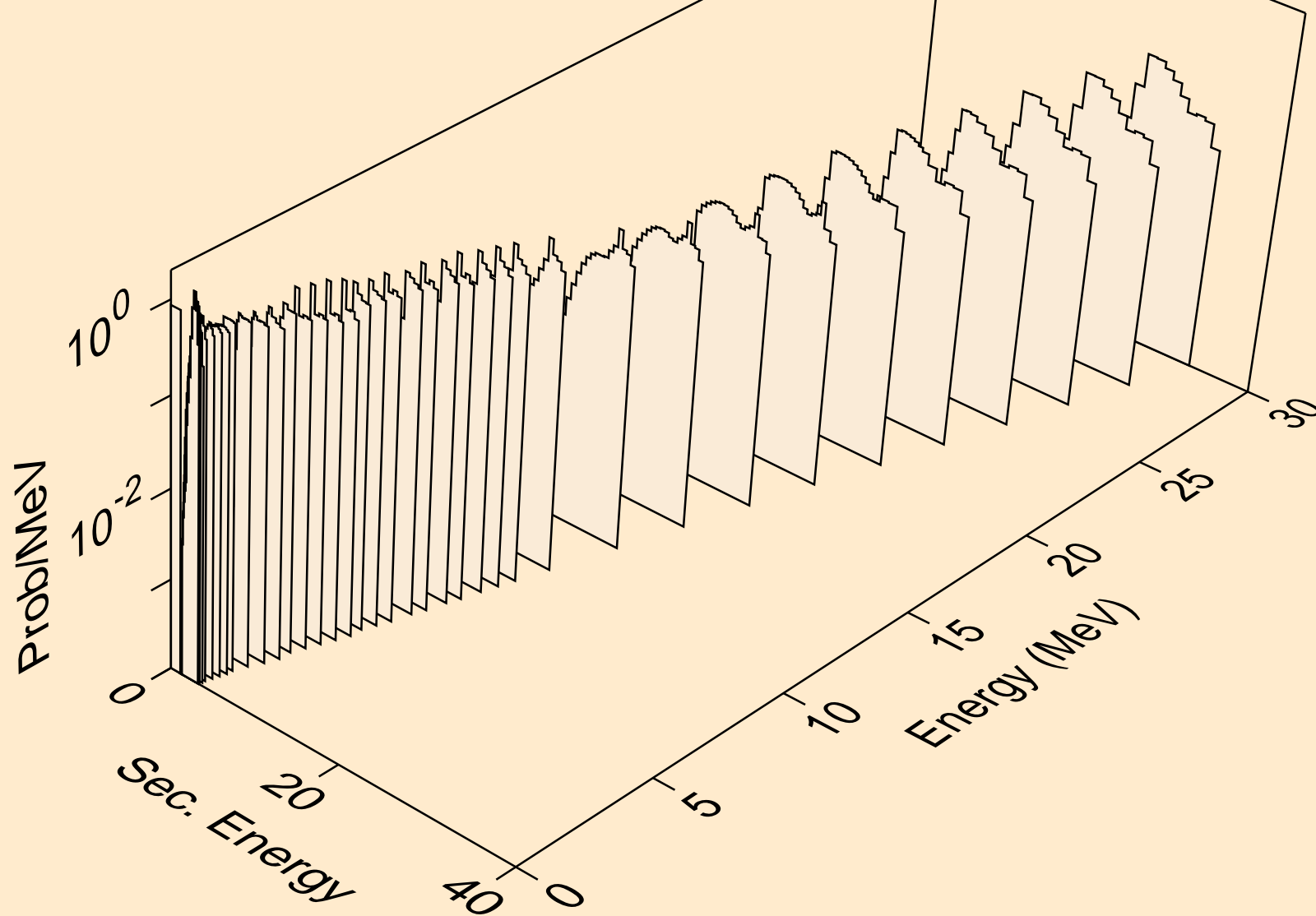




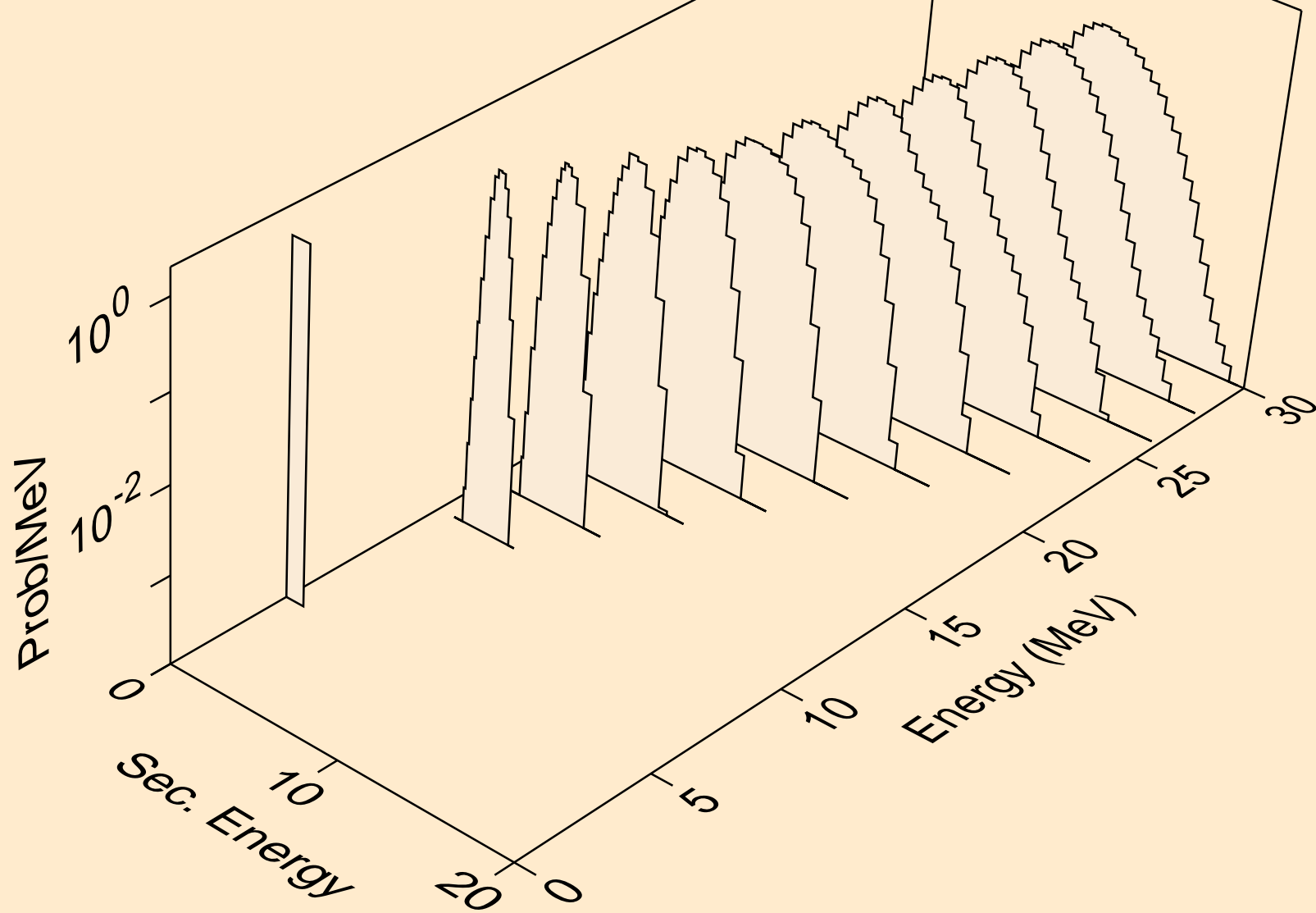
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protons from (n,npa)



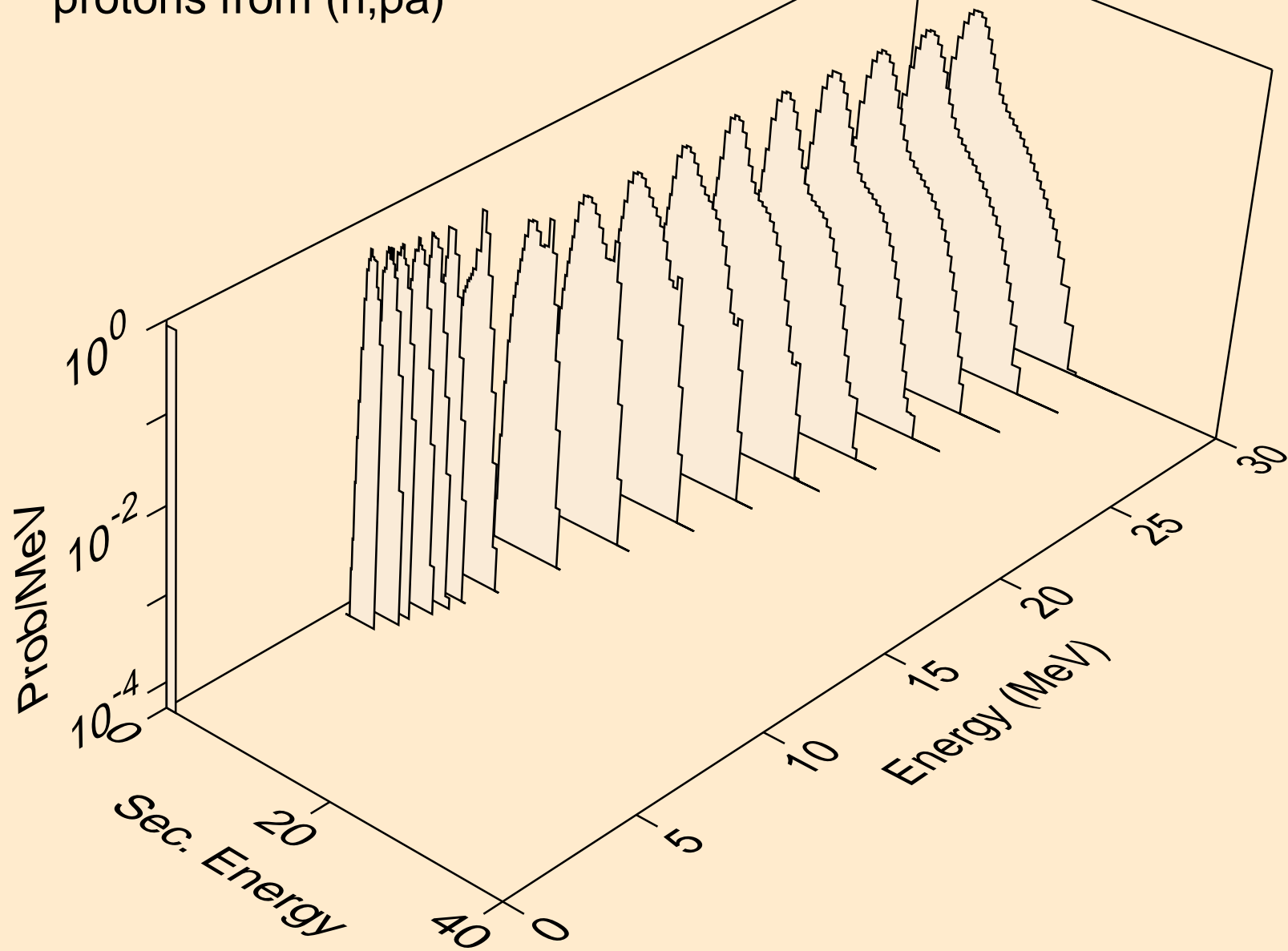
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protons from (n,p)



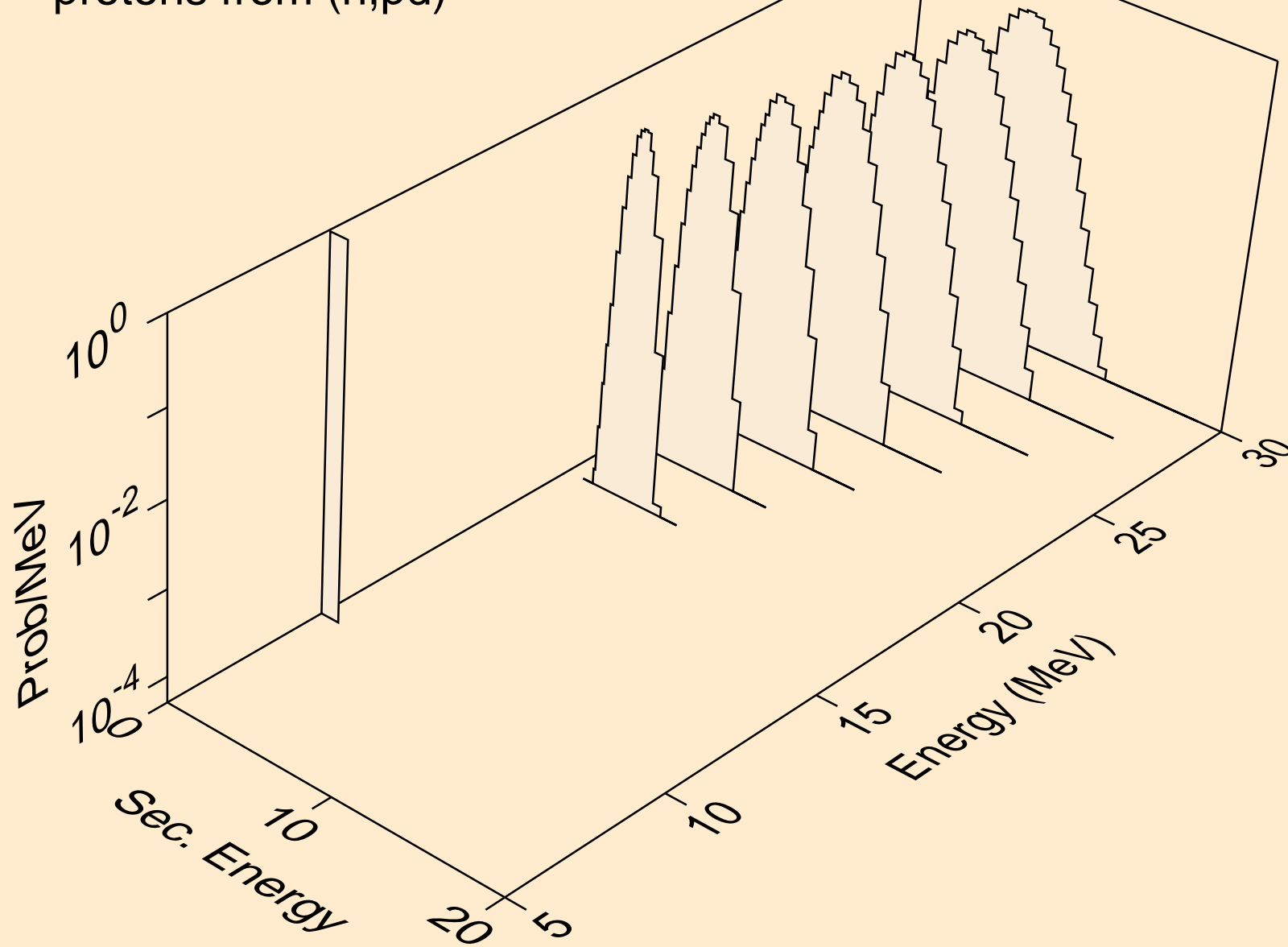
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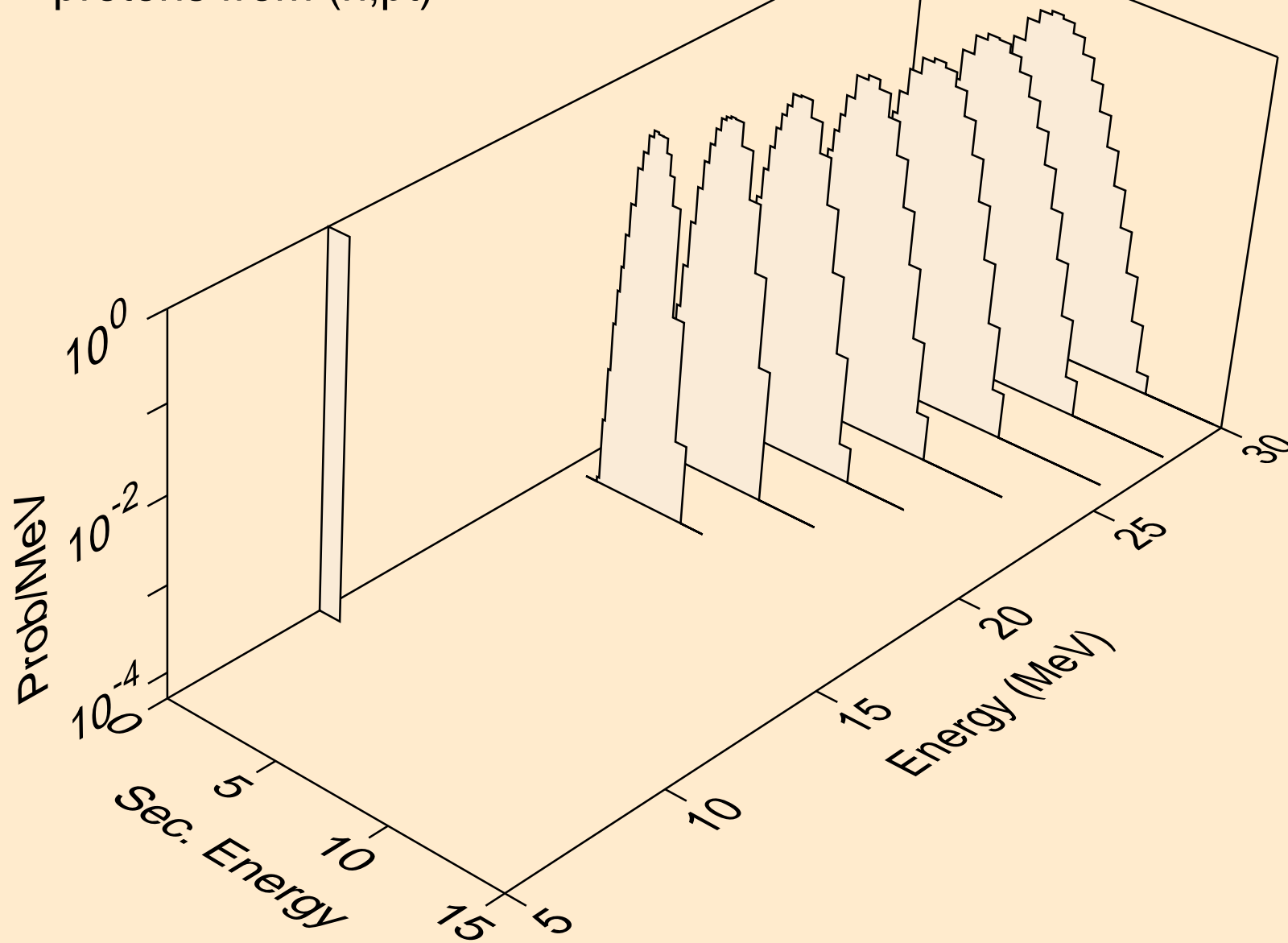
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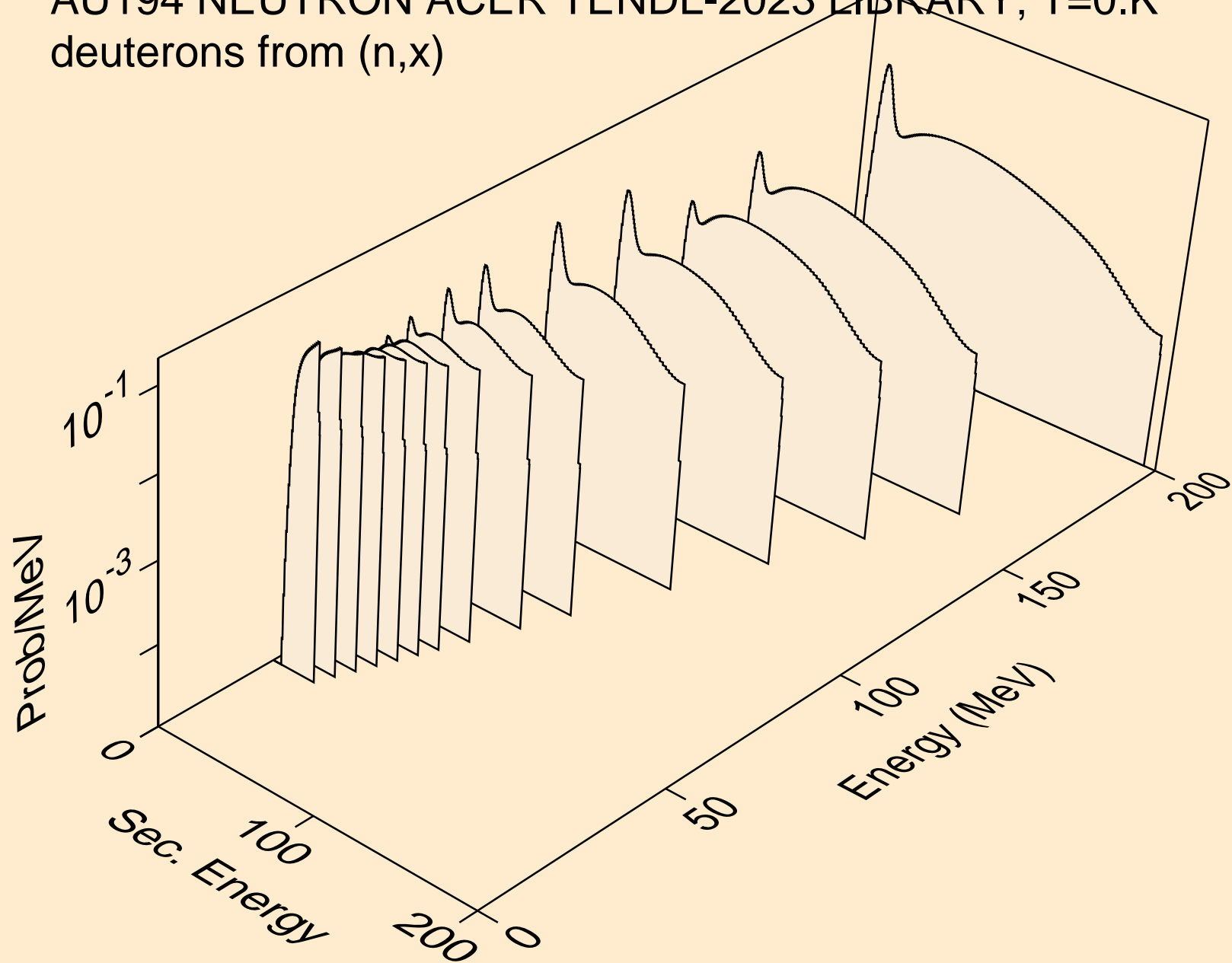
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protons from (n,pd)



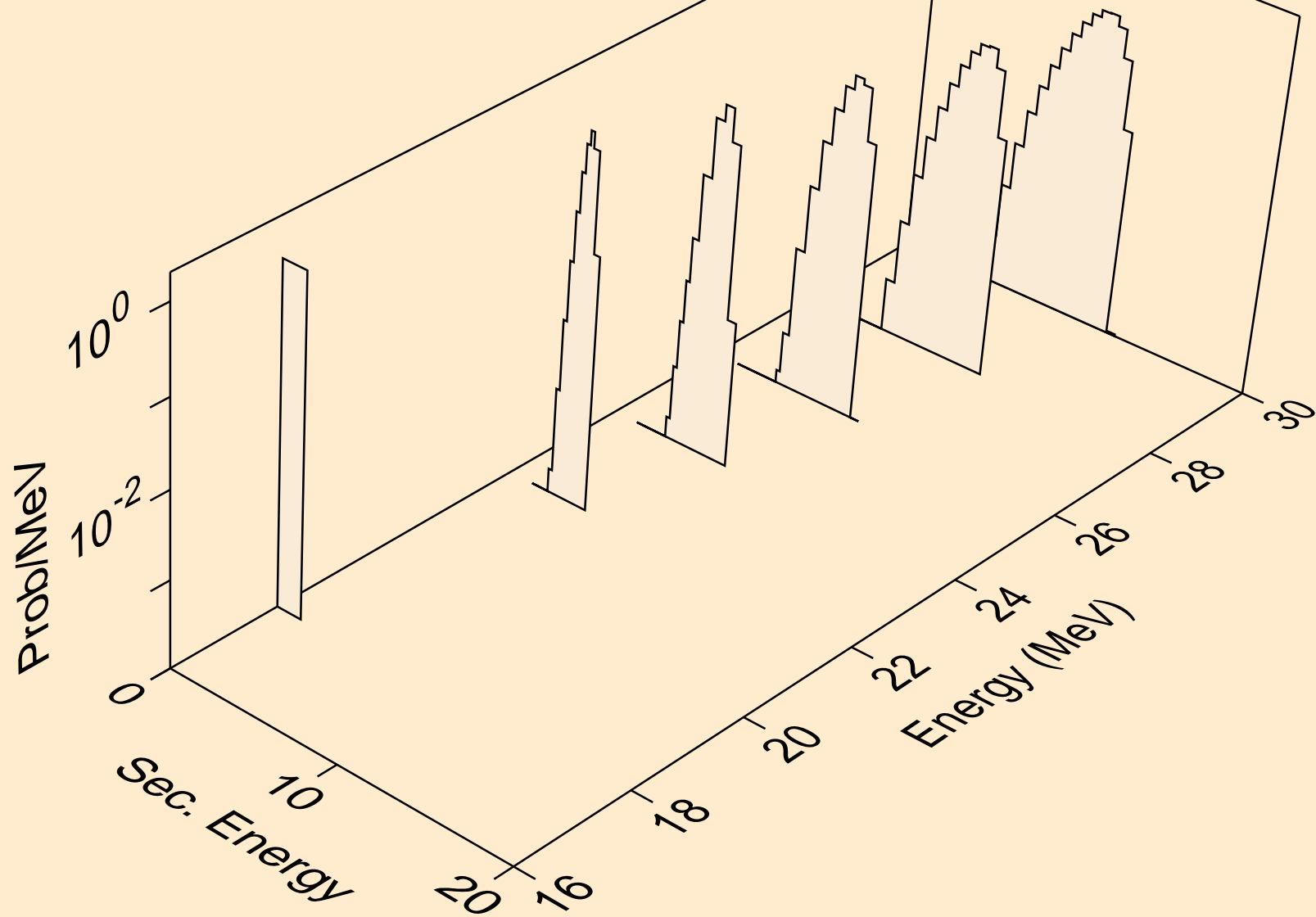
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protons from (n,pt)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

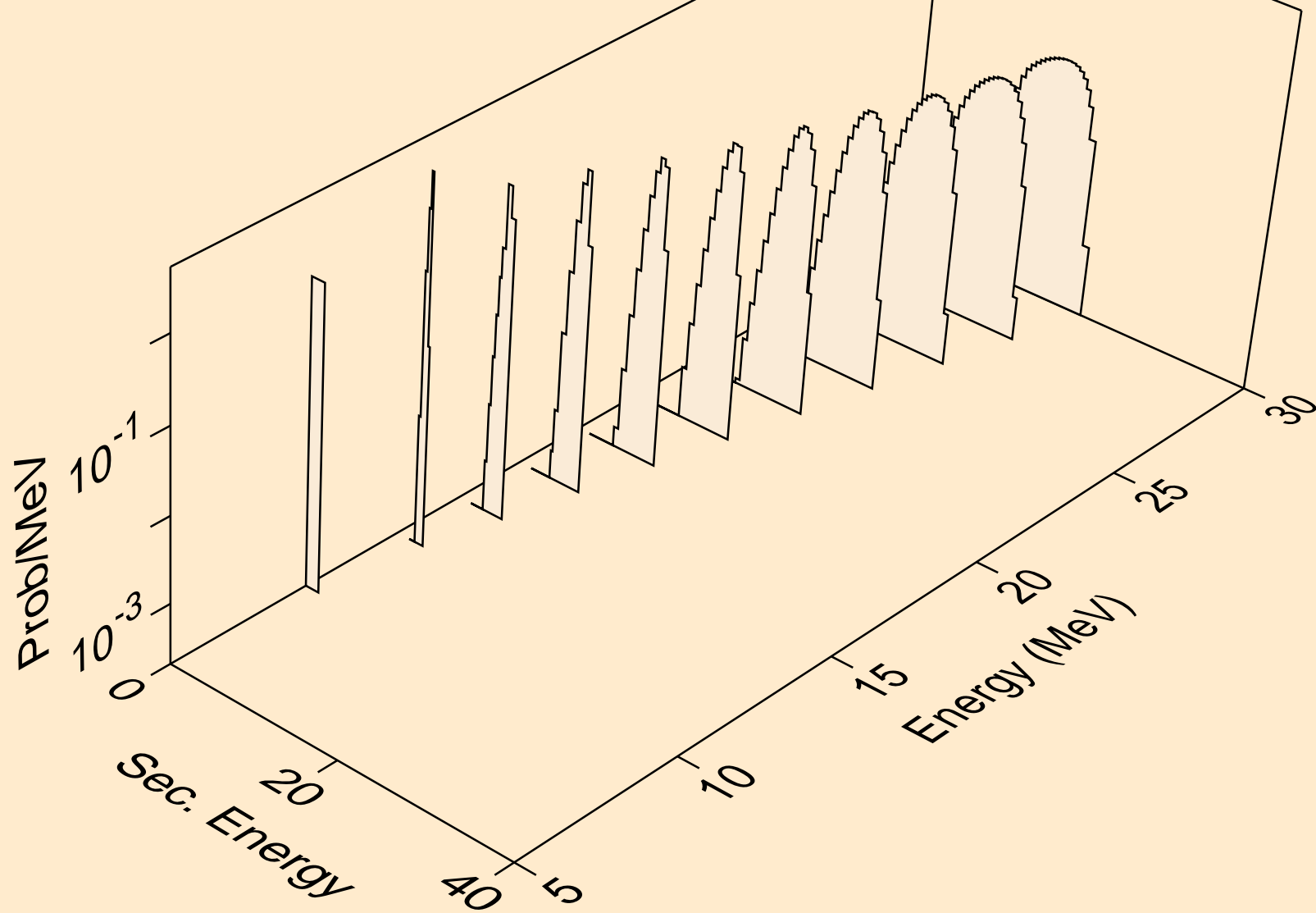


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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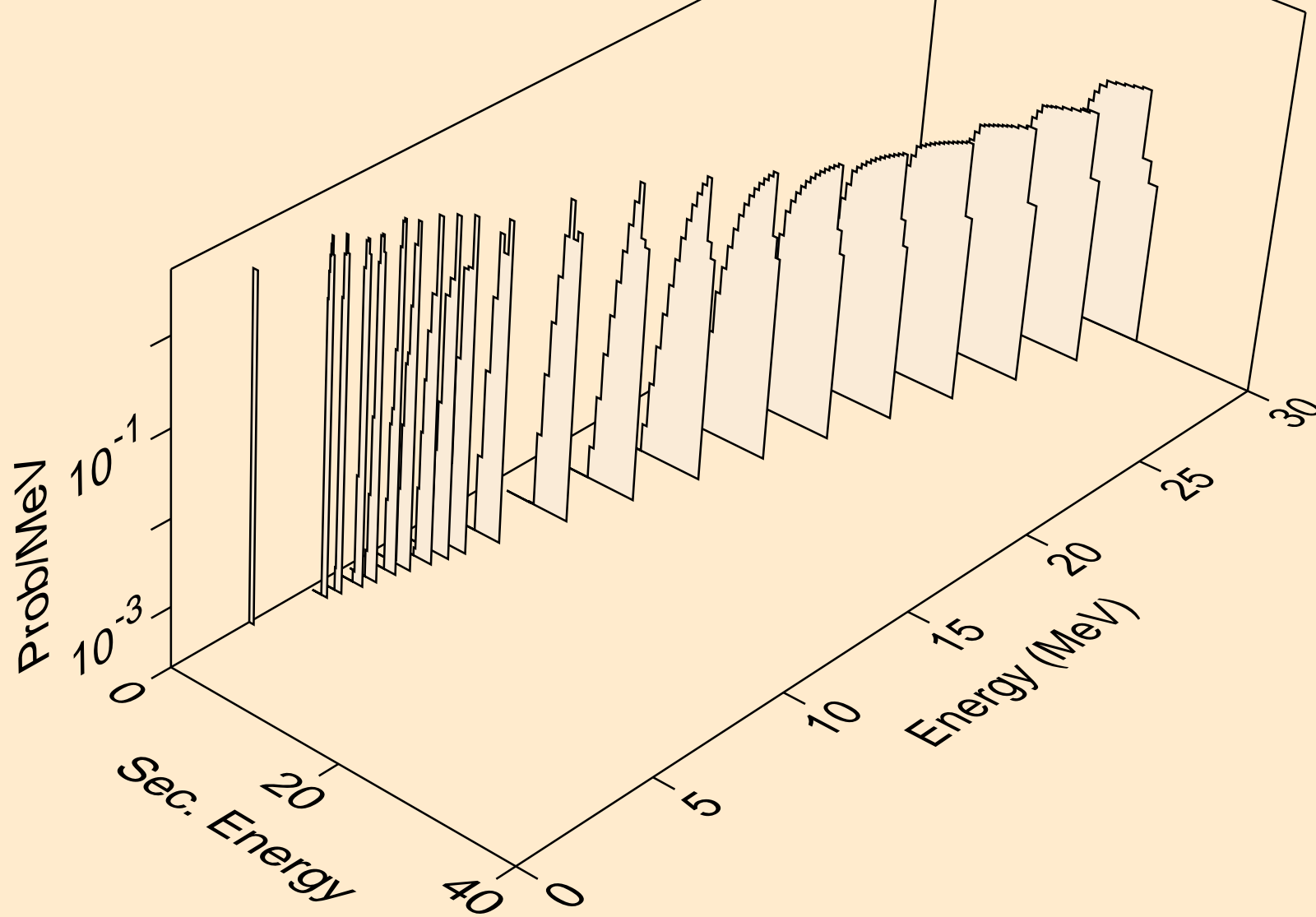




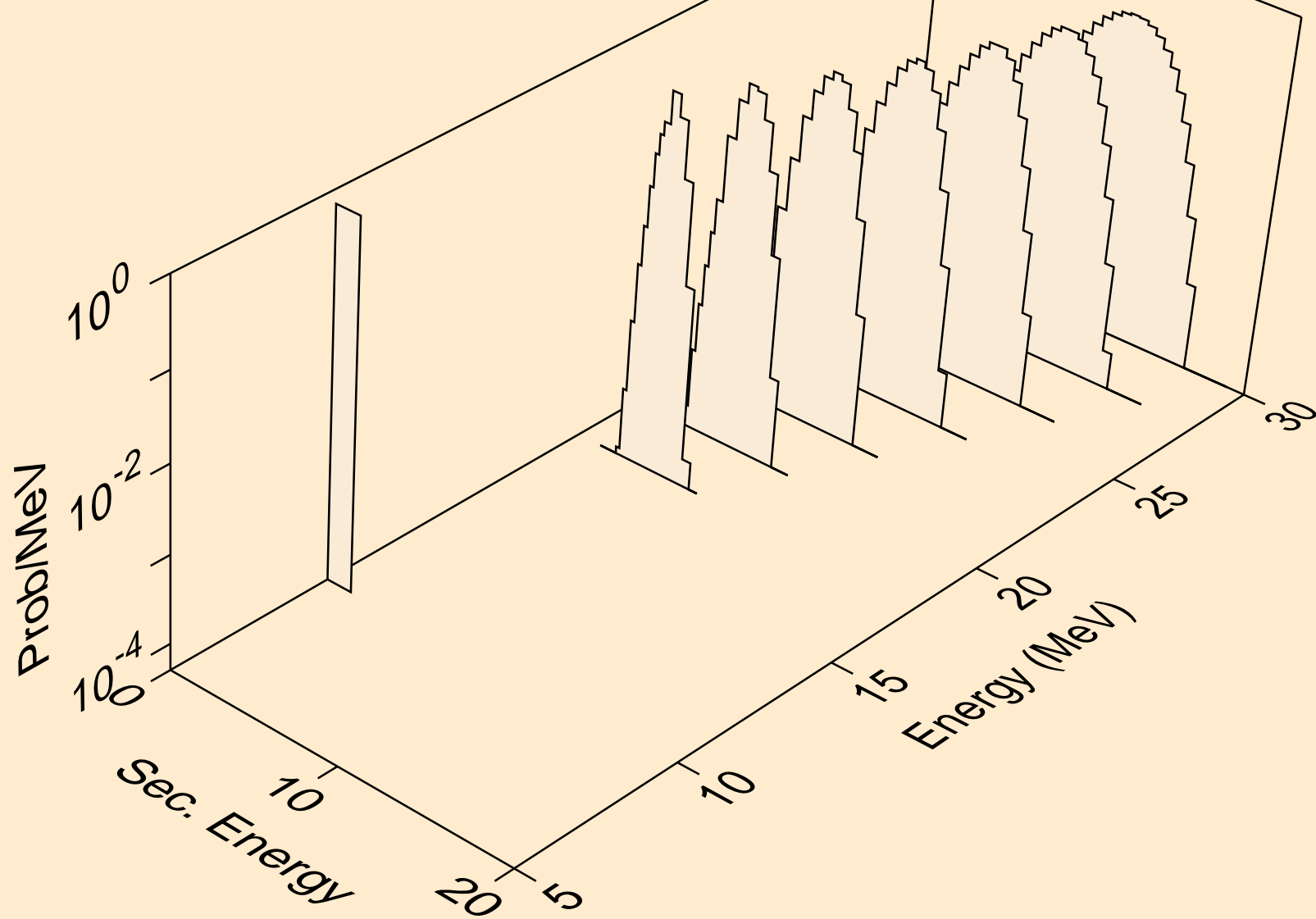
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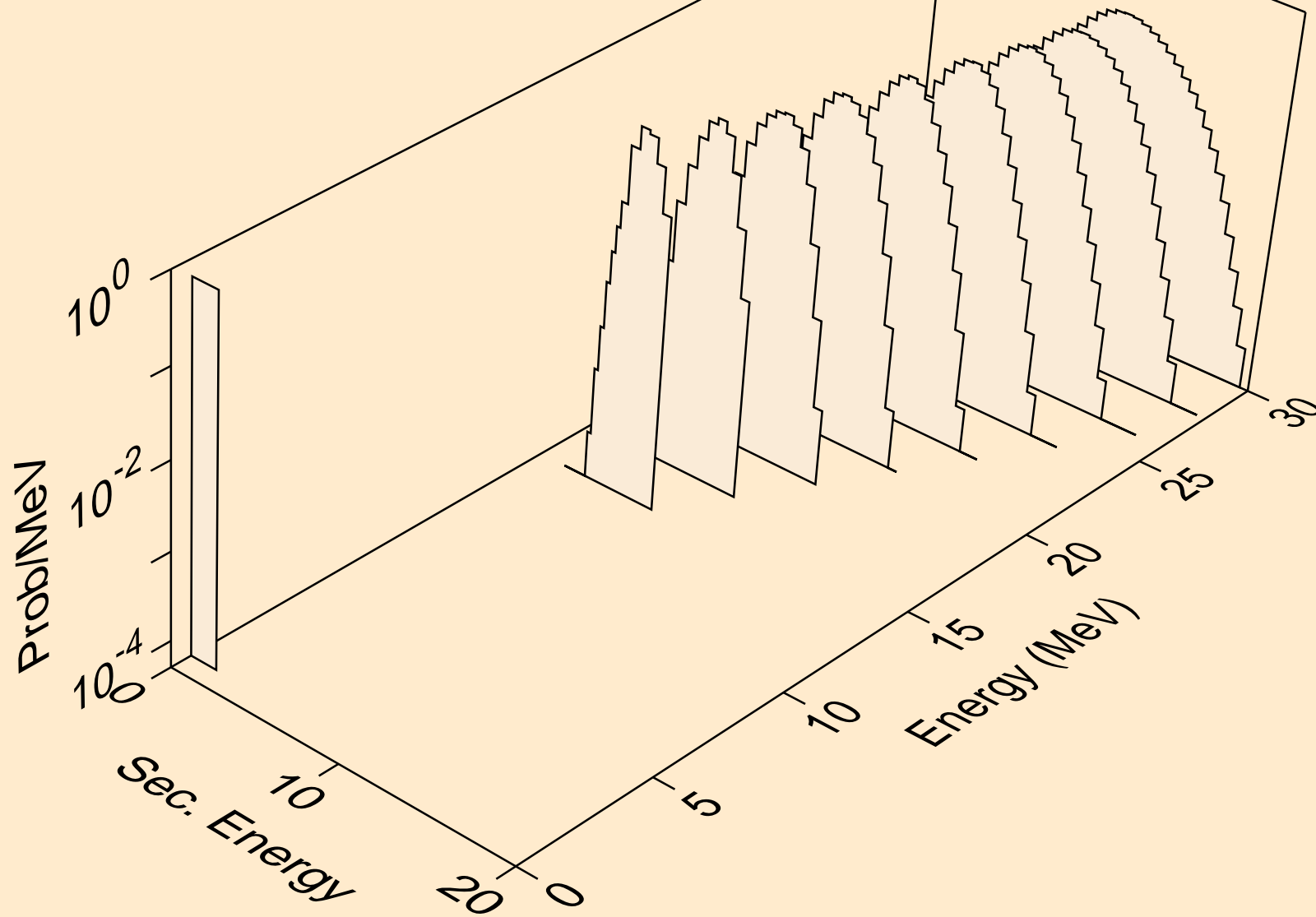
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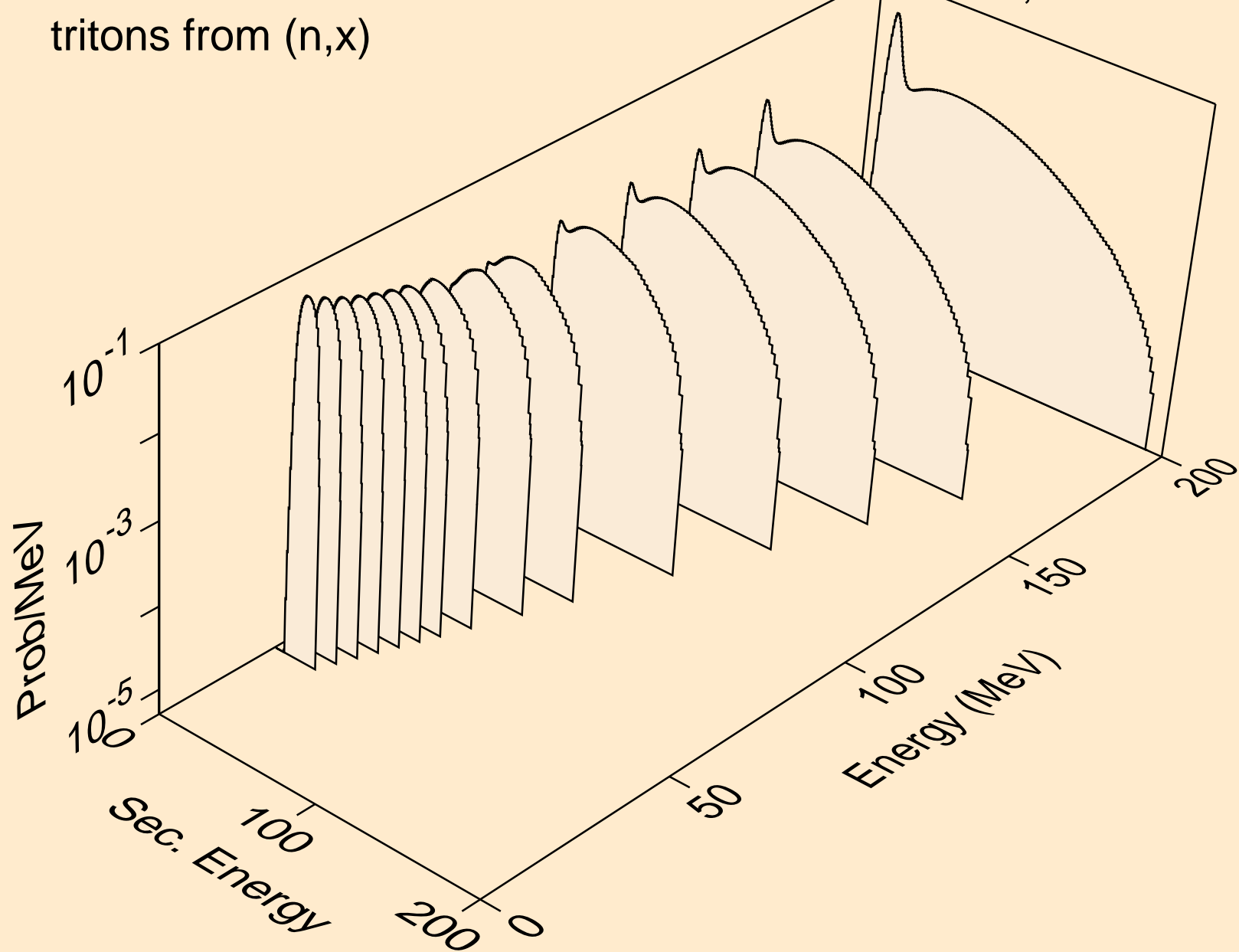
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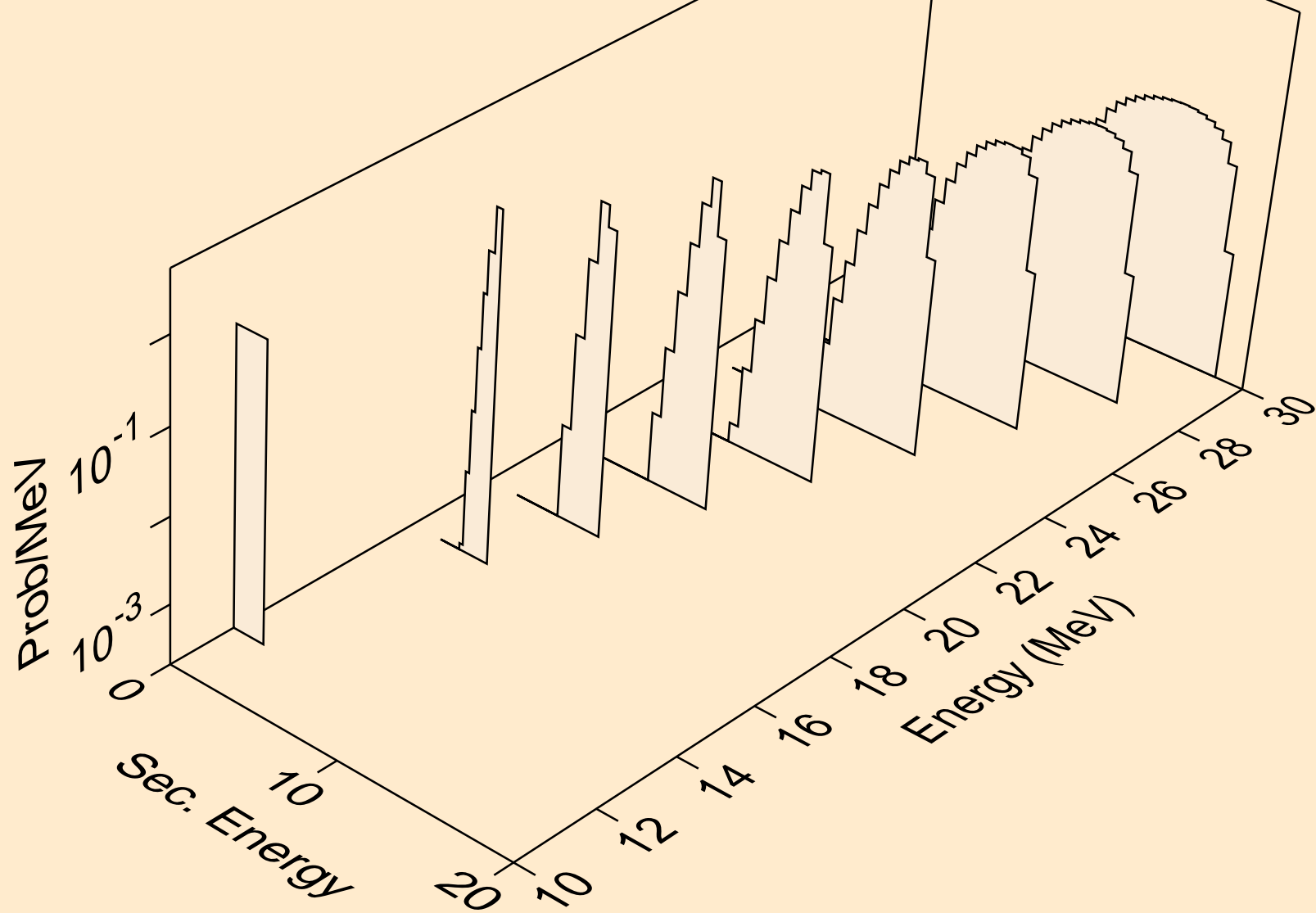
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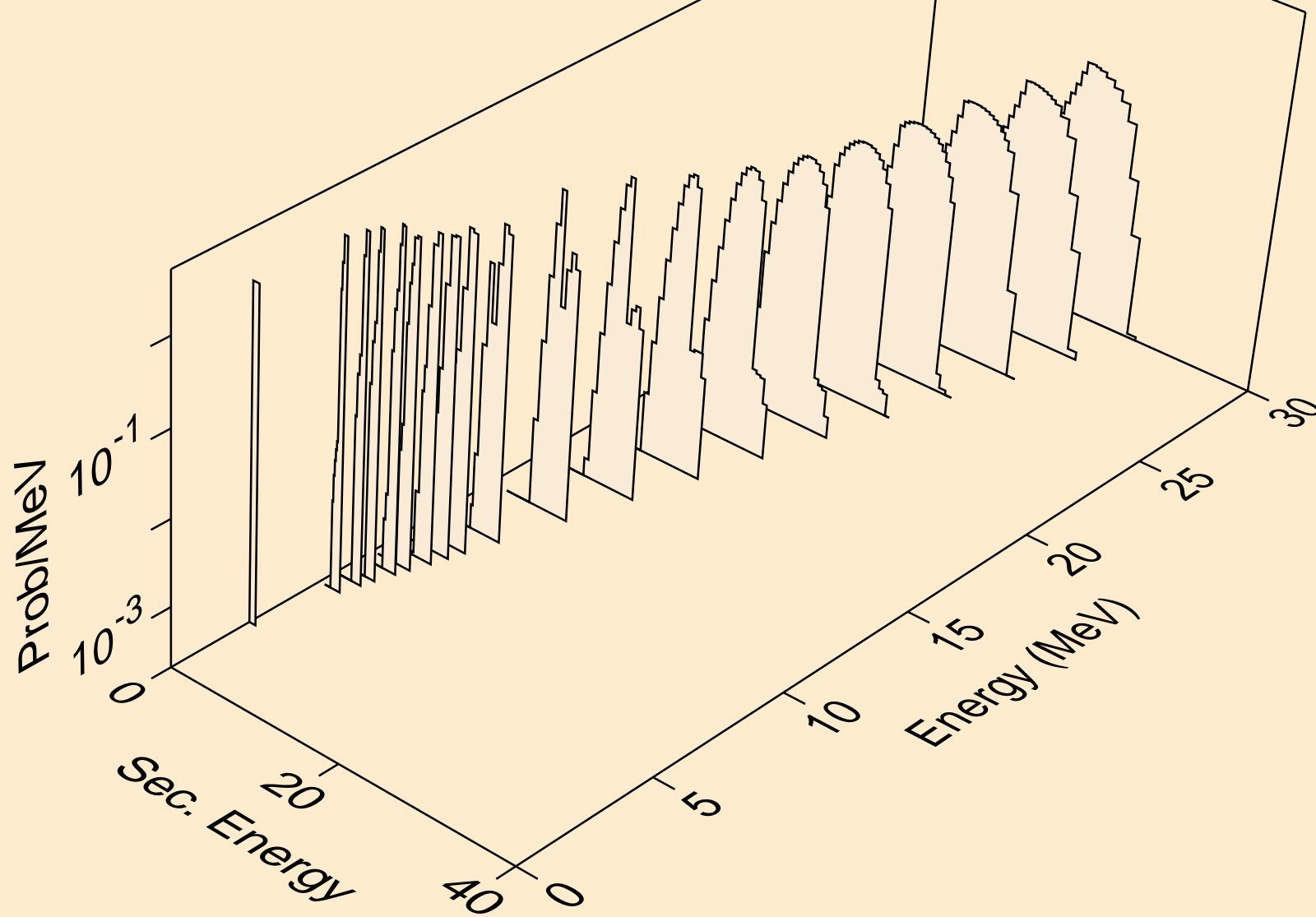
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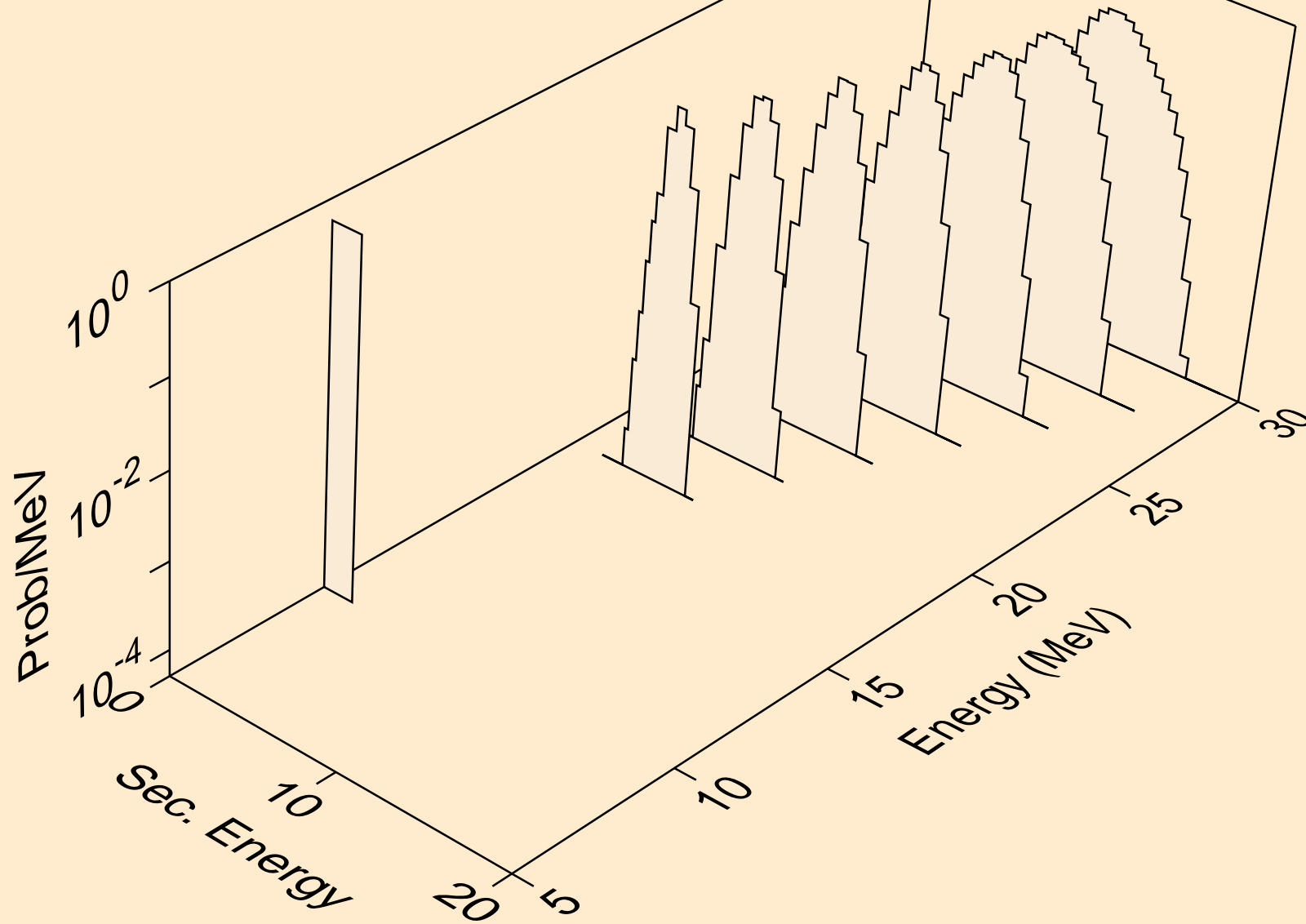
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

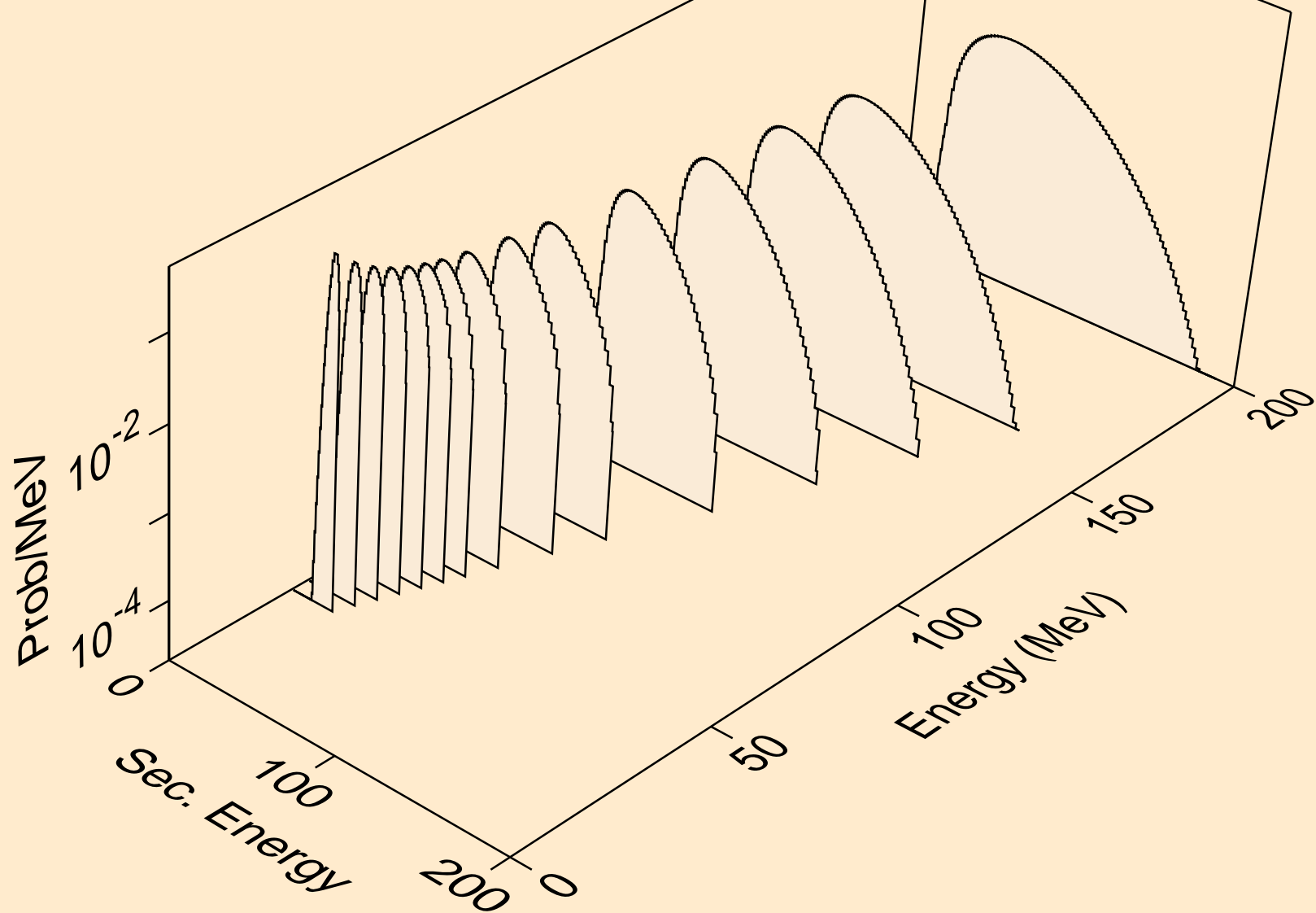


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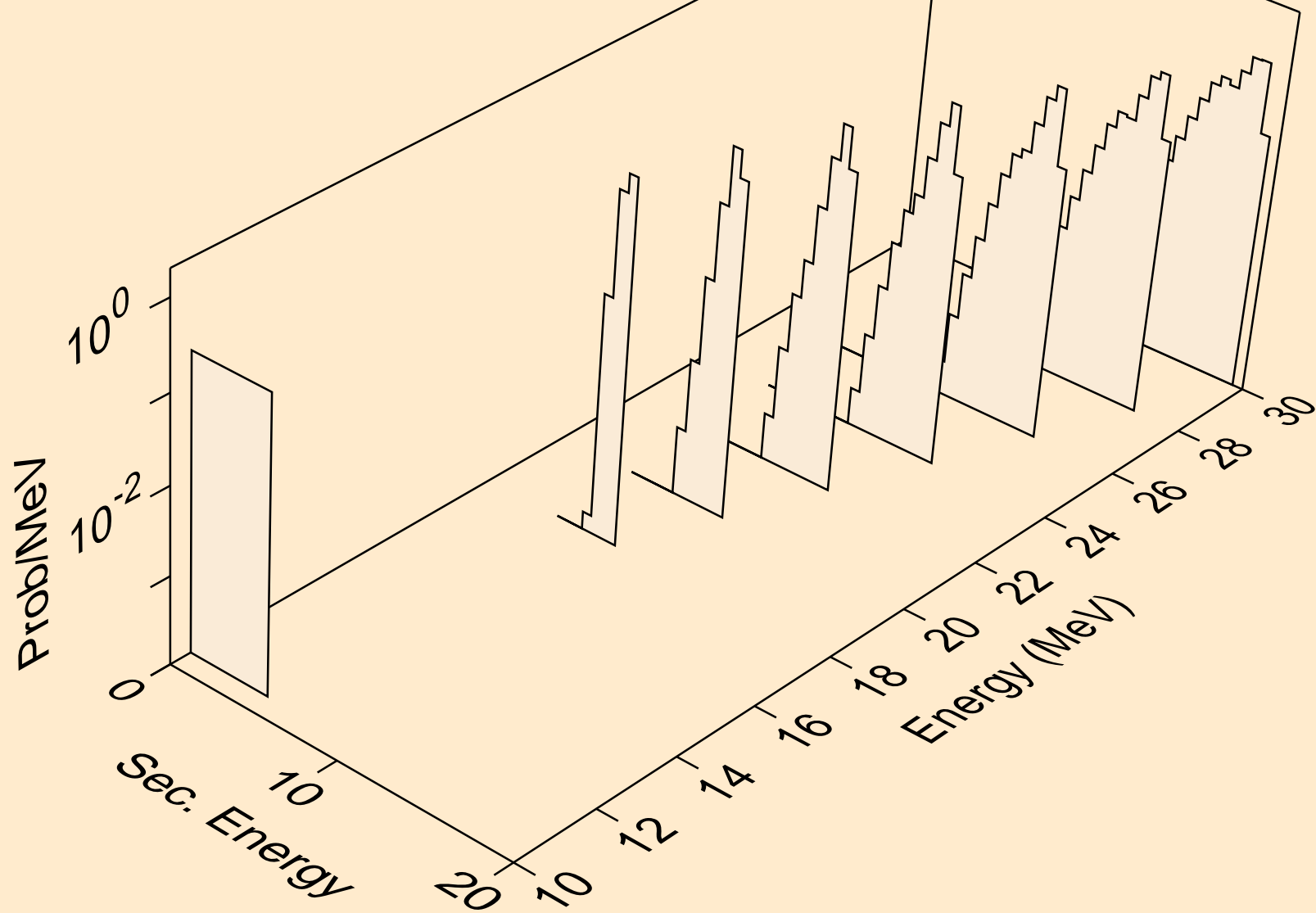




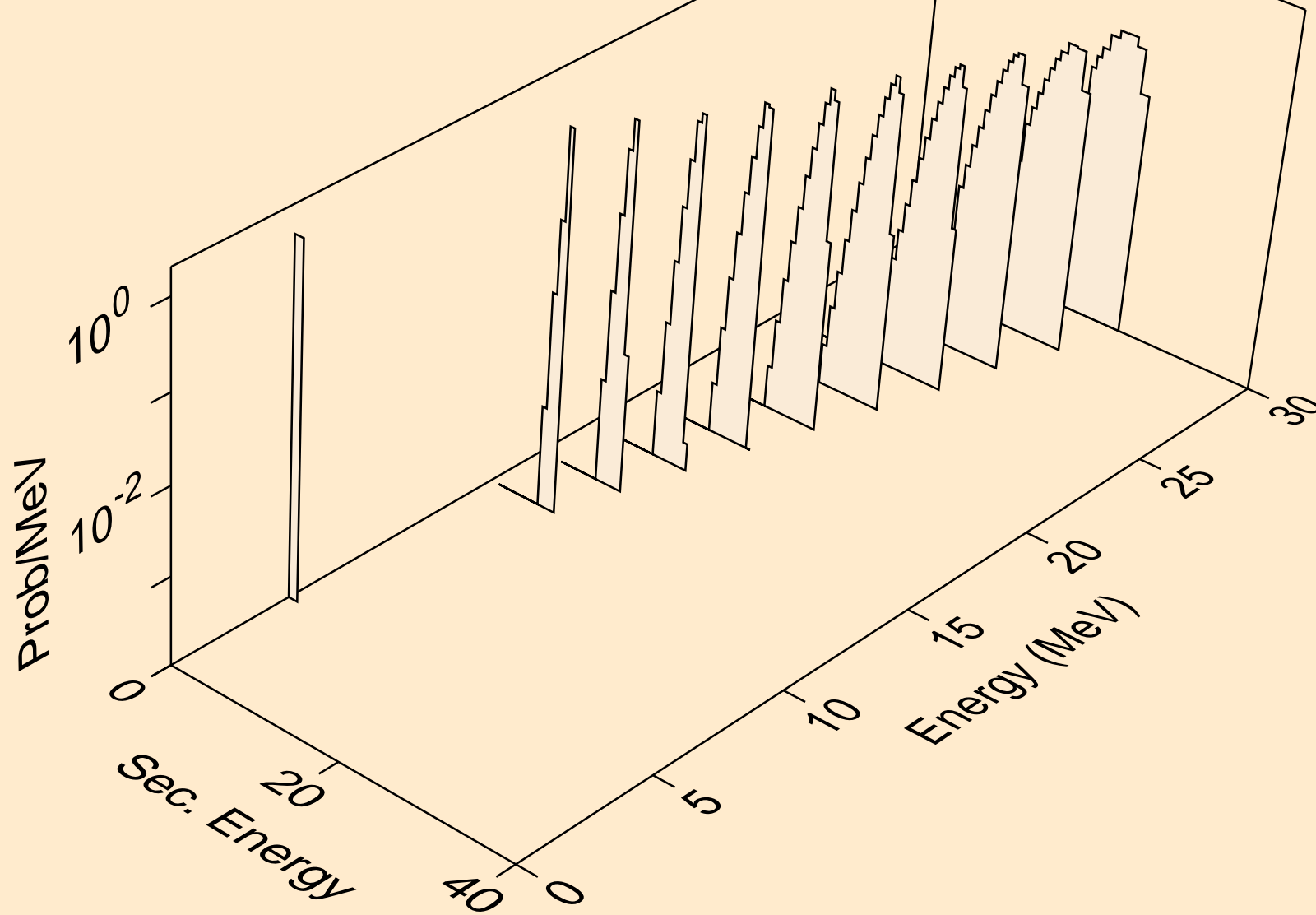
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he3s from (n,x)



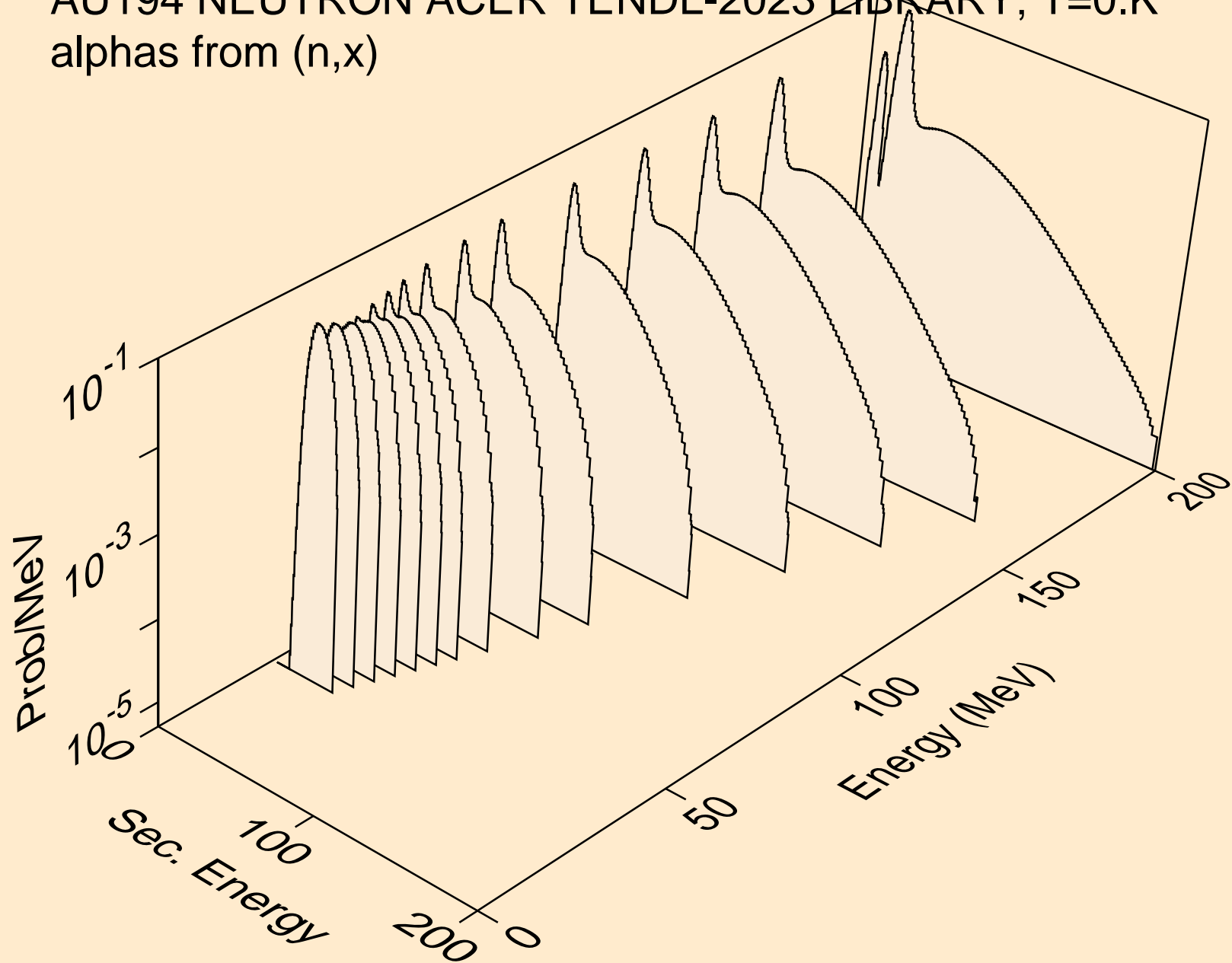
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he3s from (n,n\*)he3



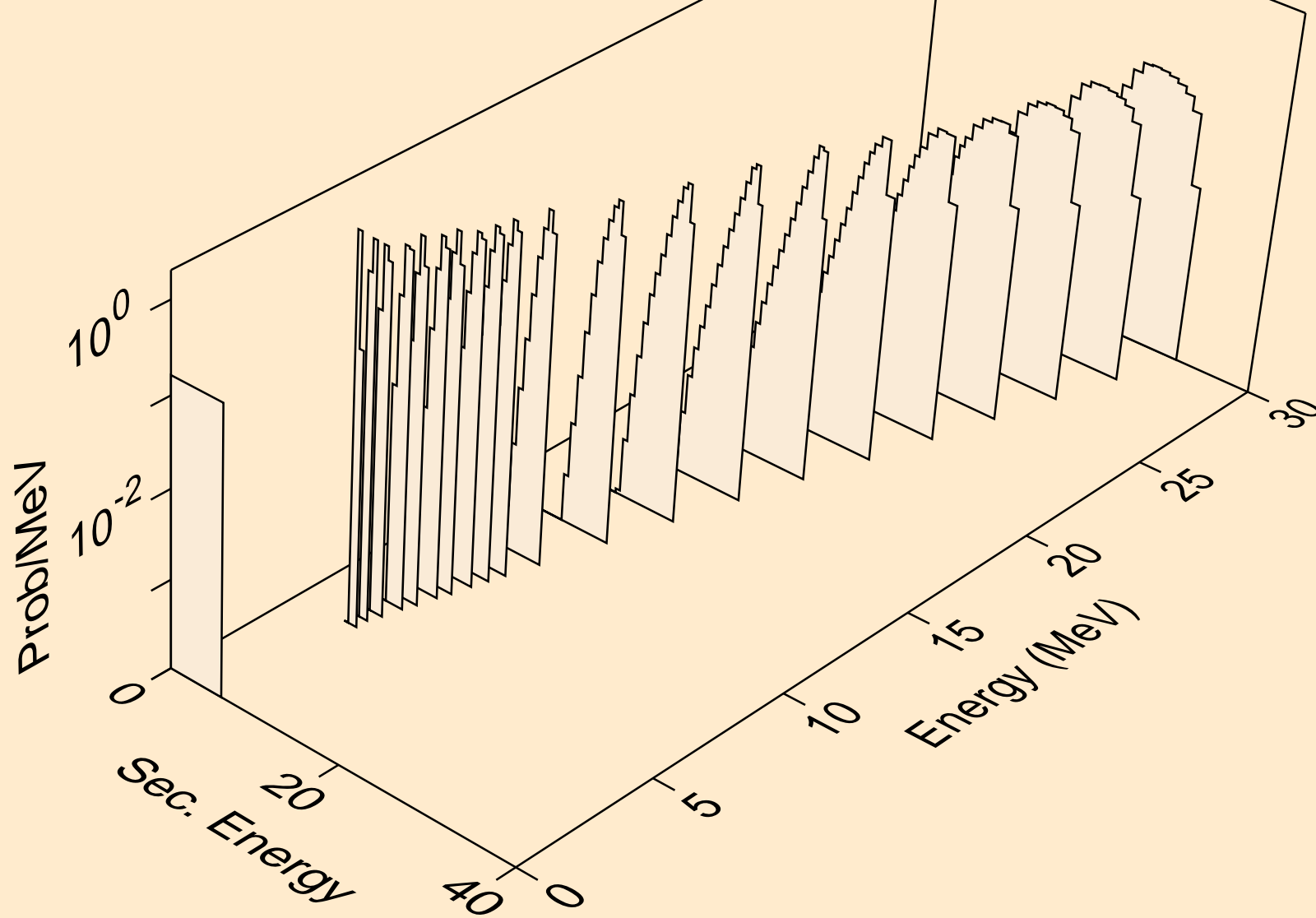
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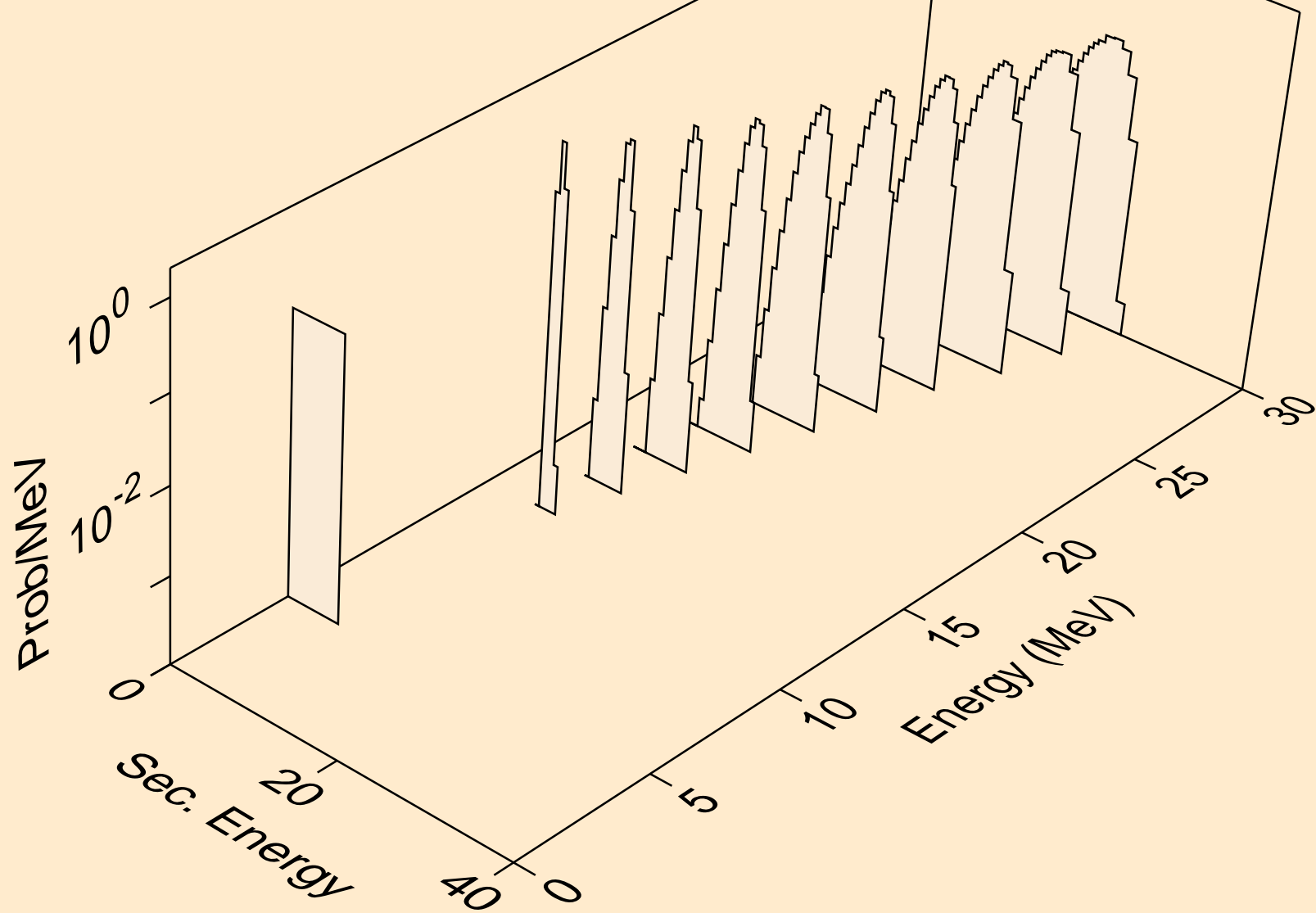
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



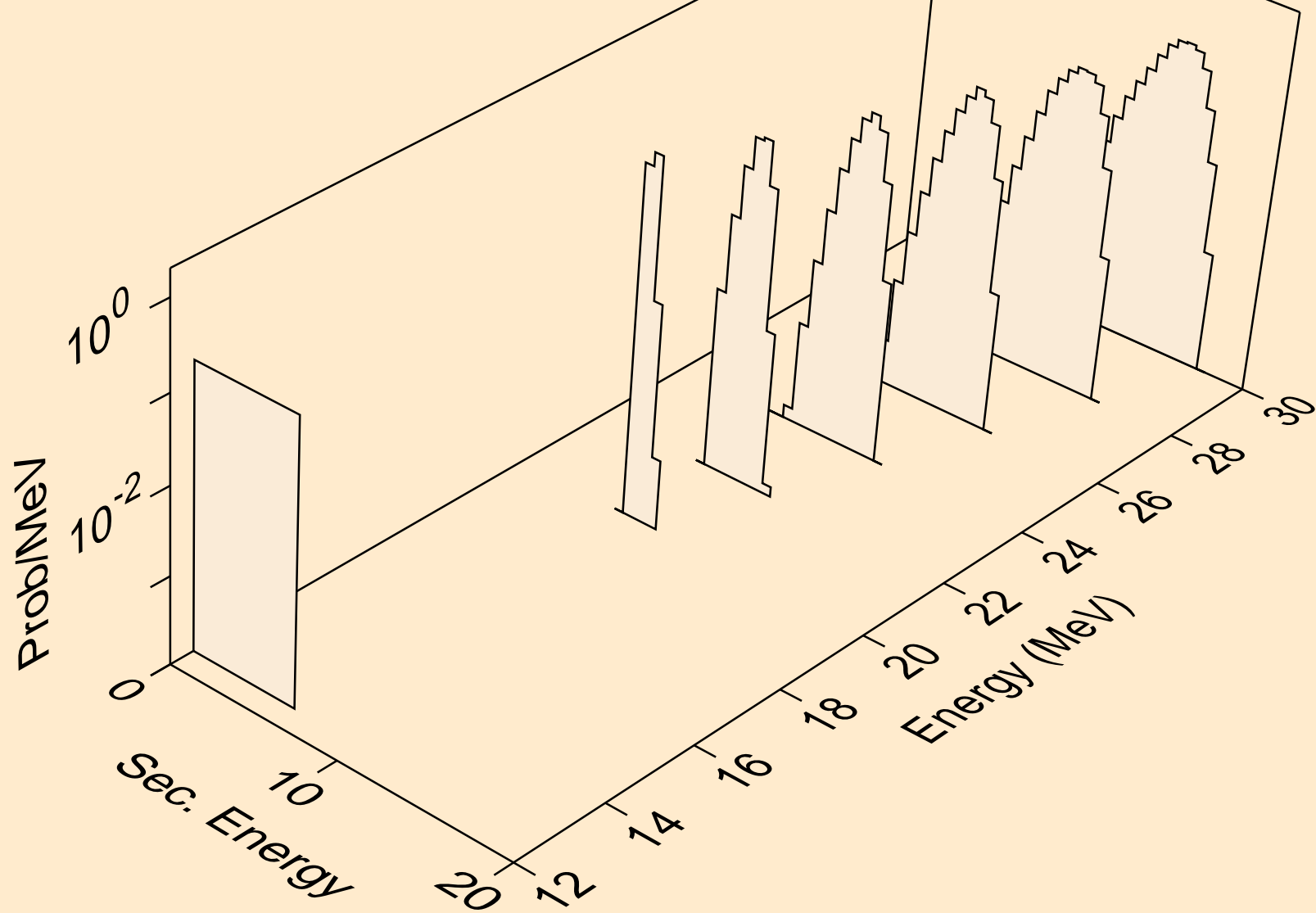
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



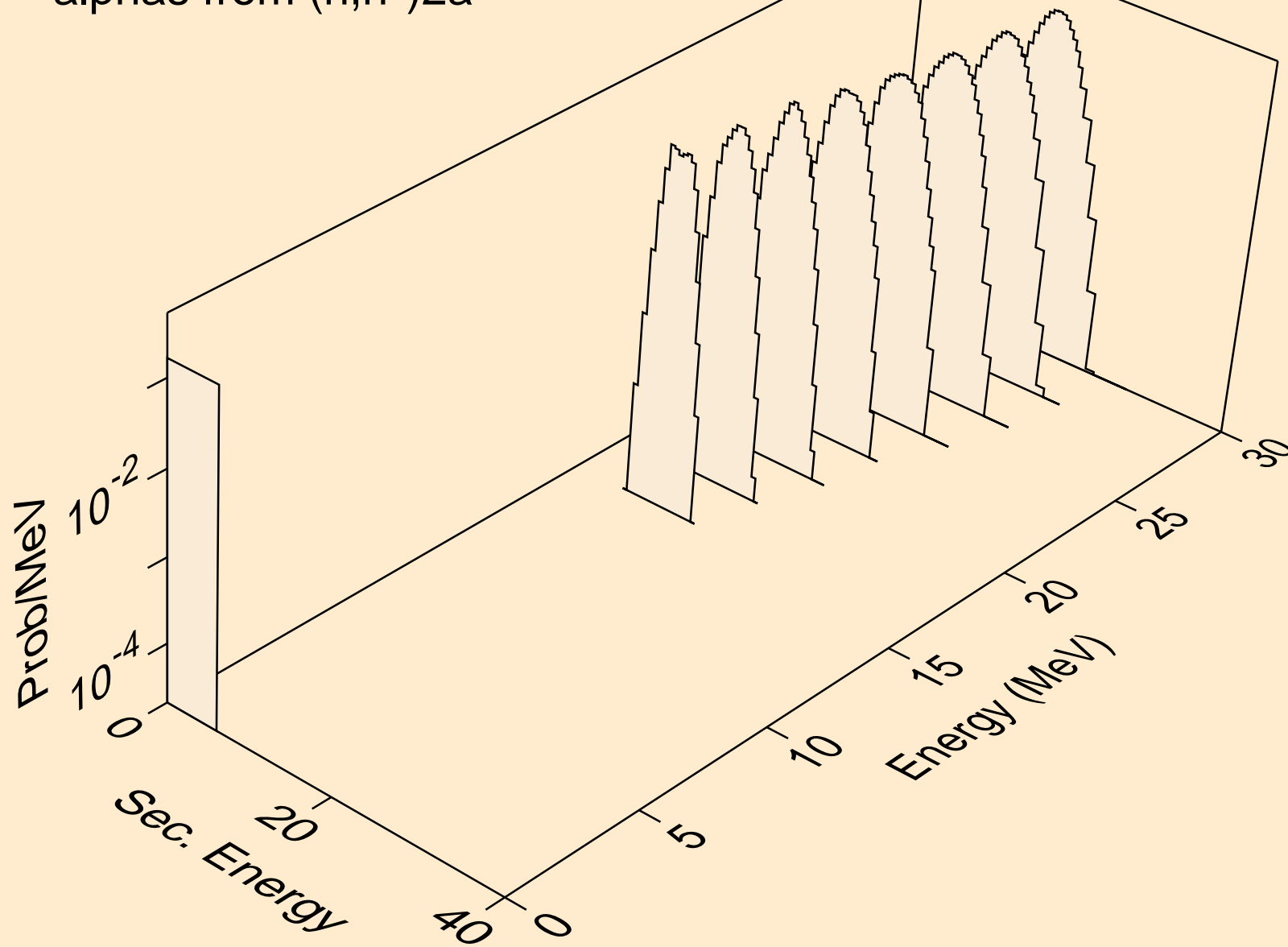
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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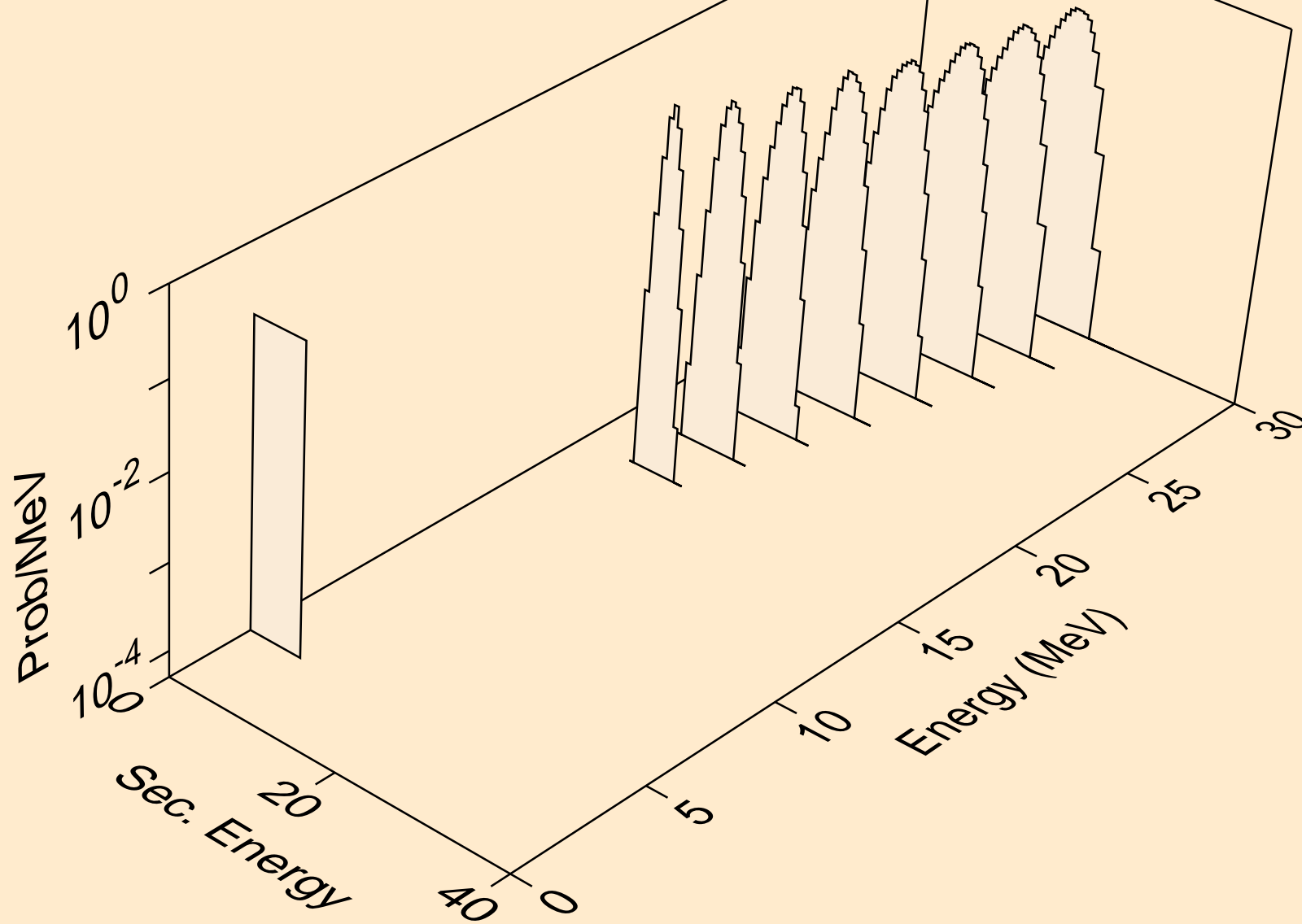


AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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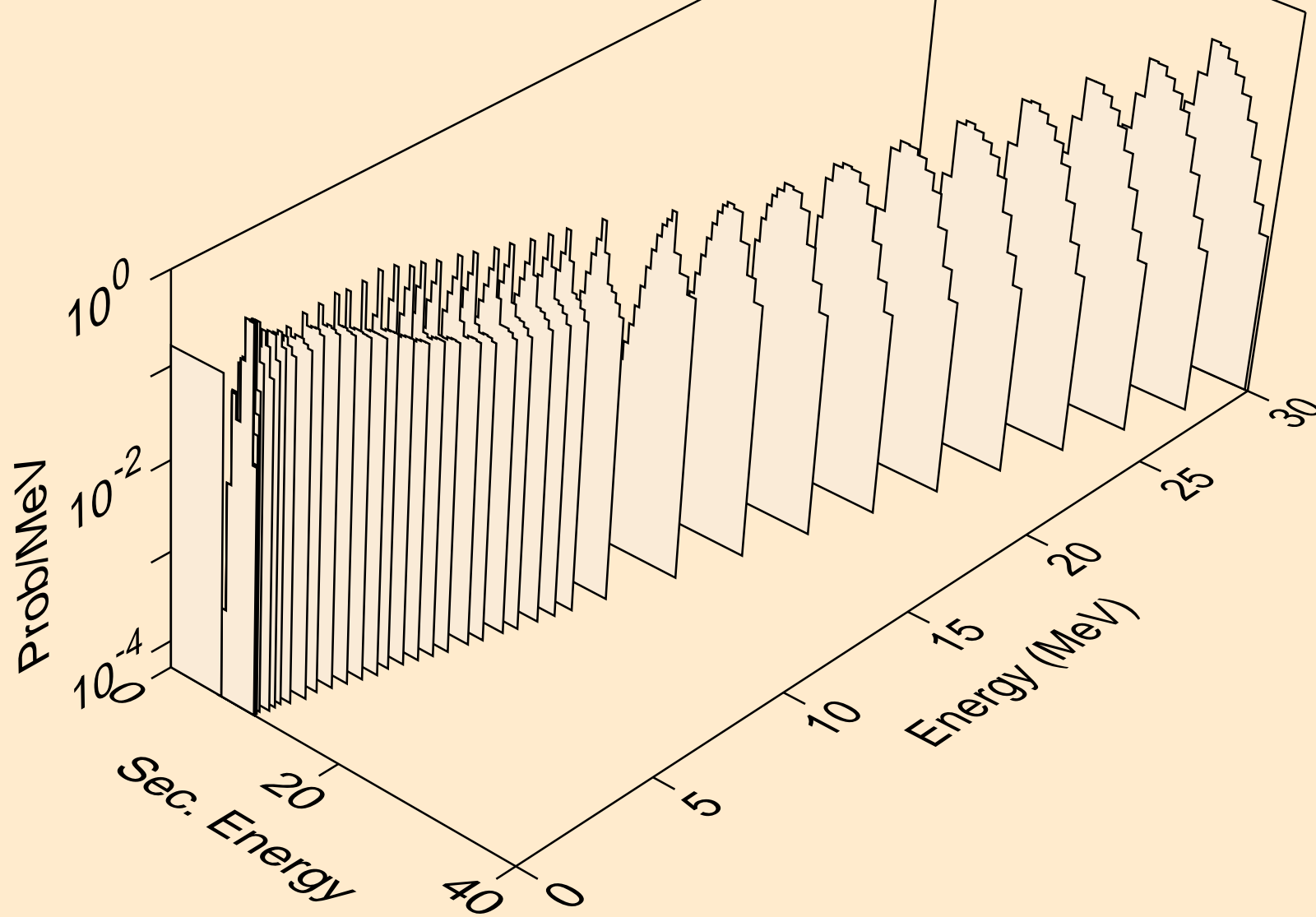




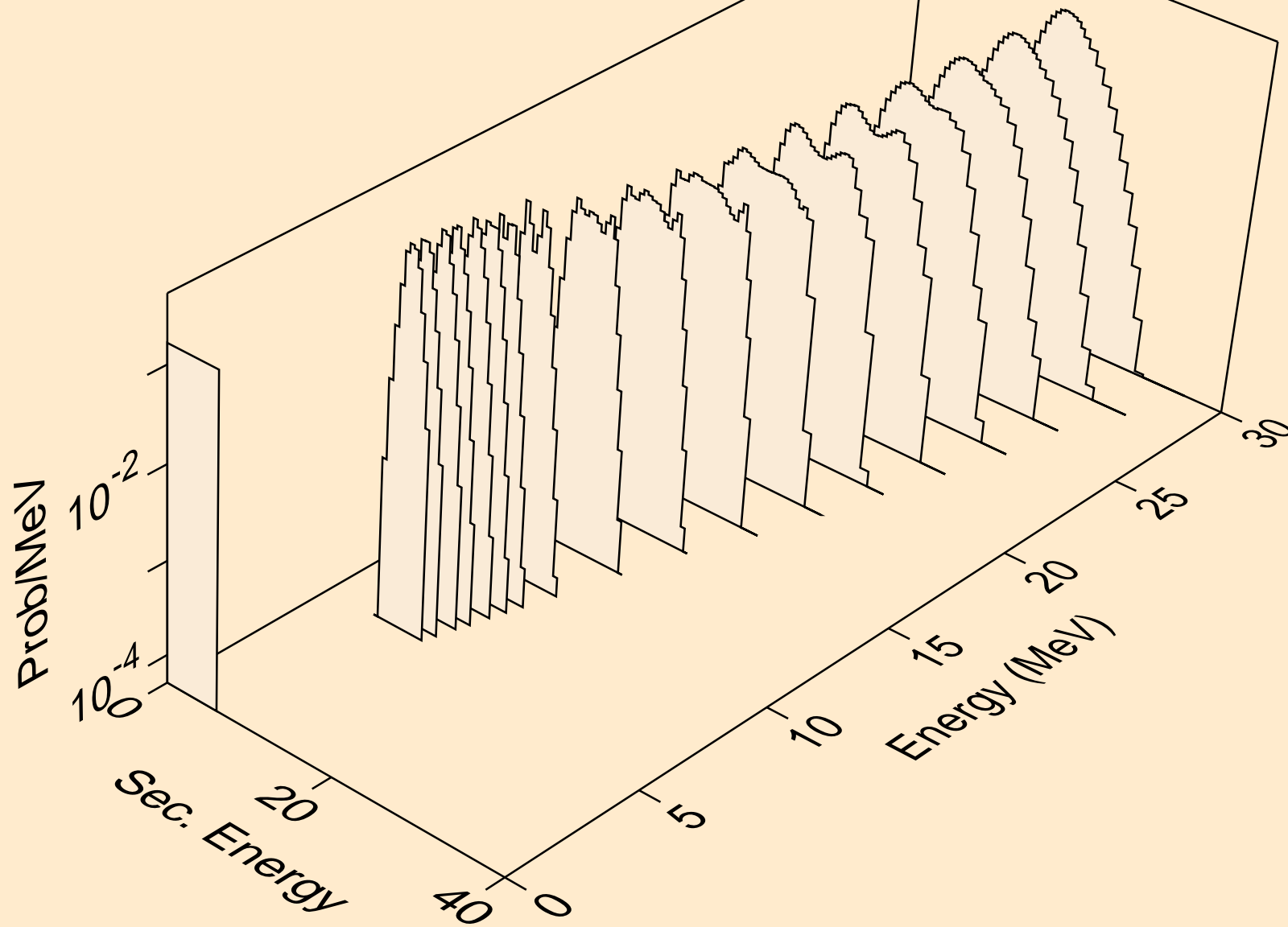
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alphas from (n,npa)



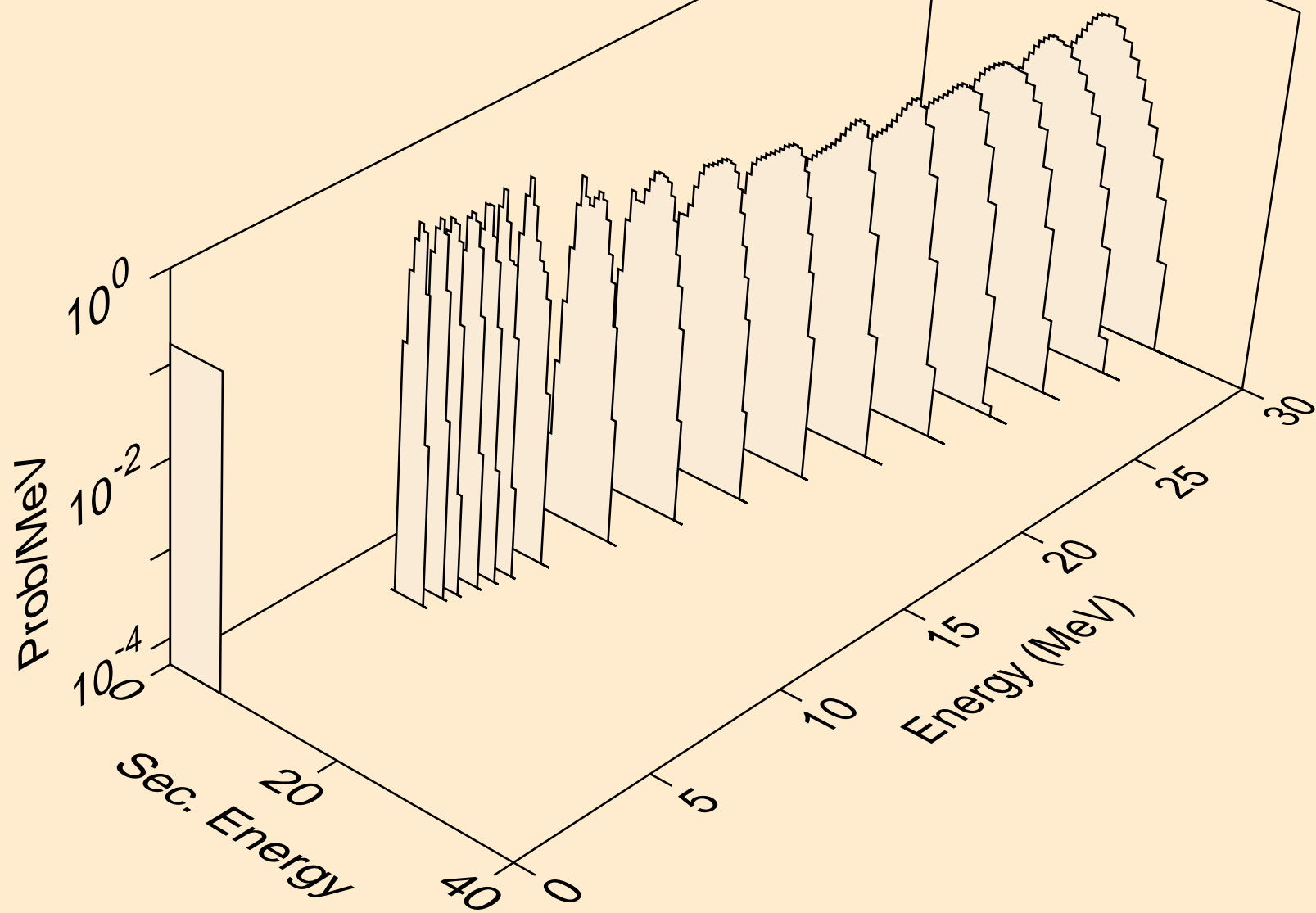
AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



AU194 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

