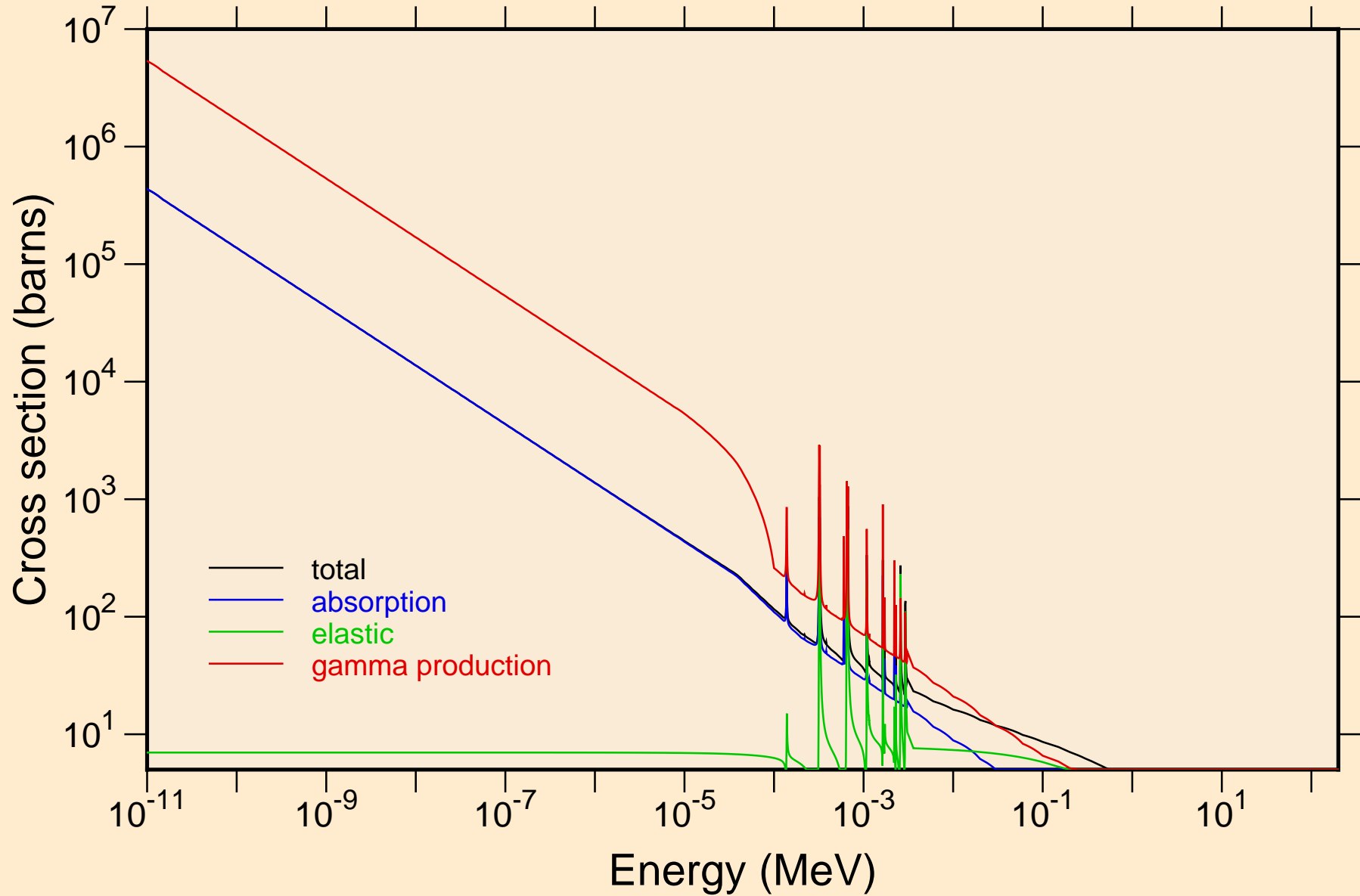
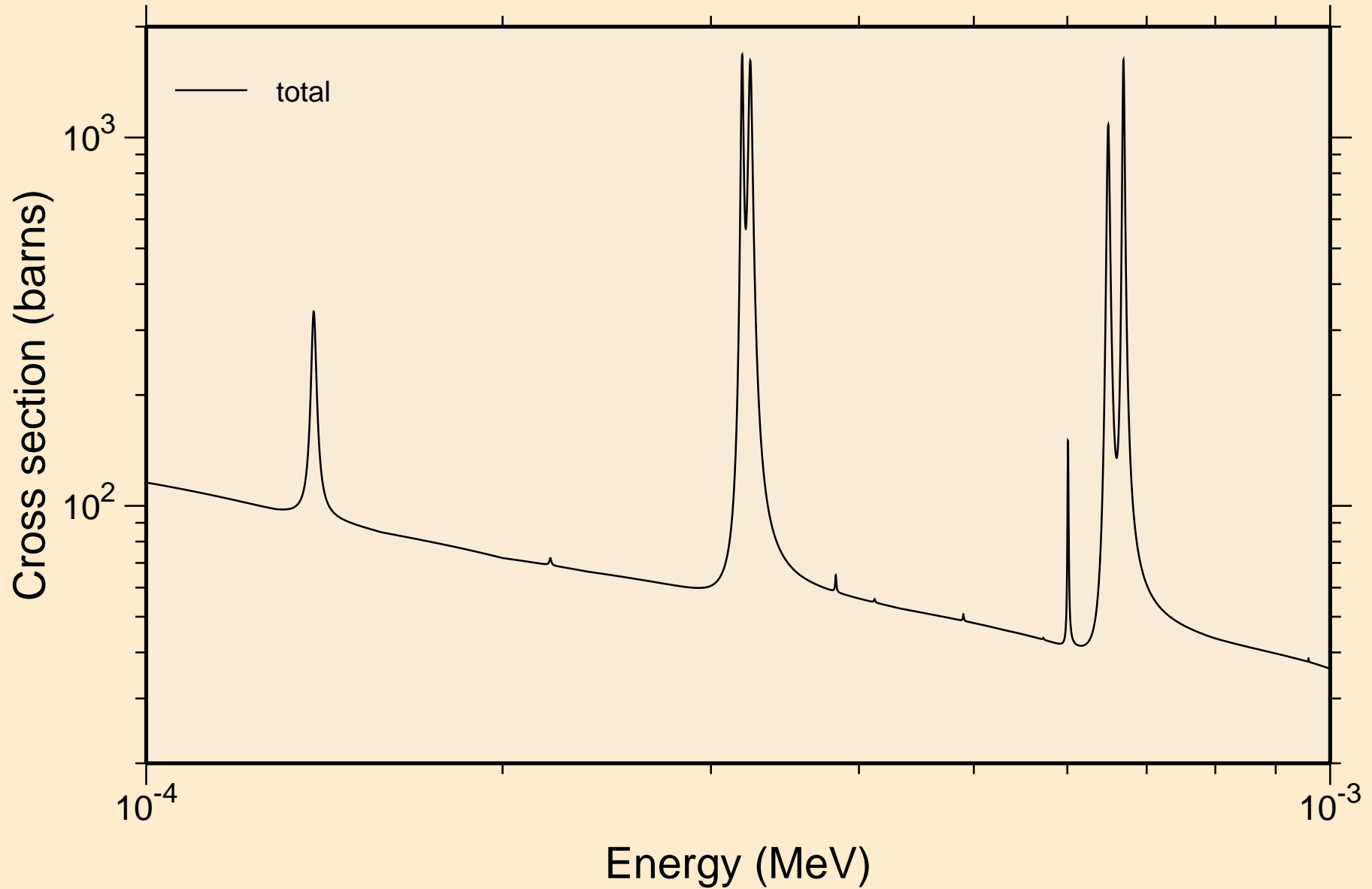


# GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

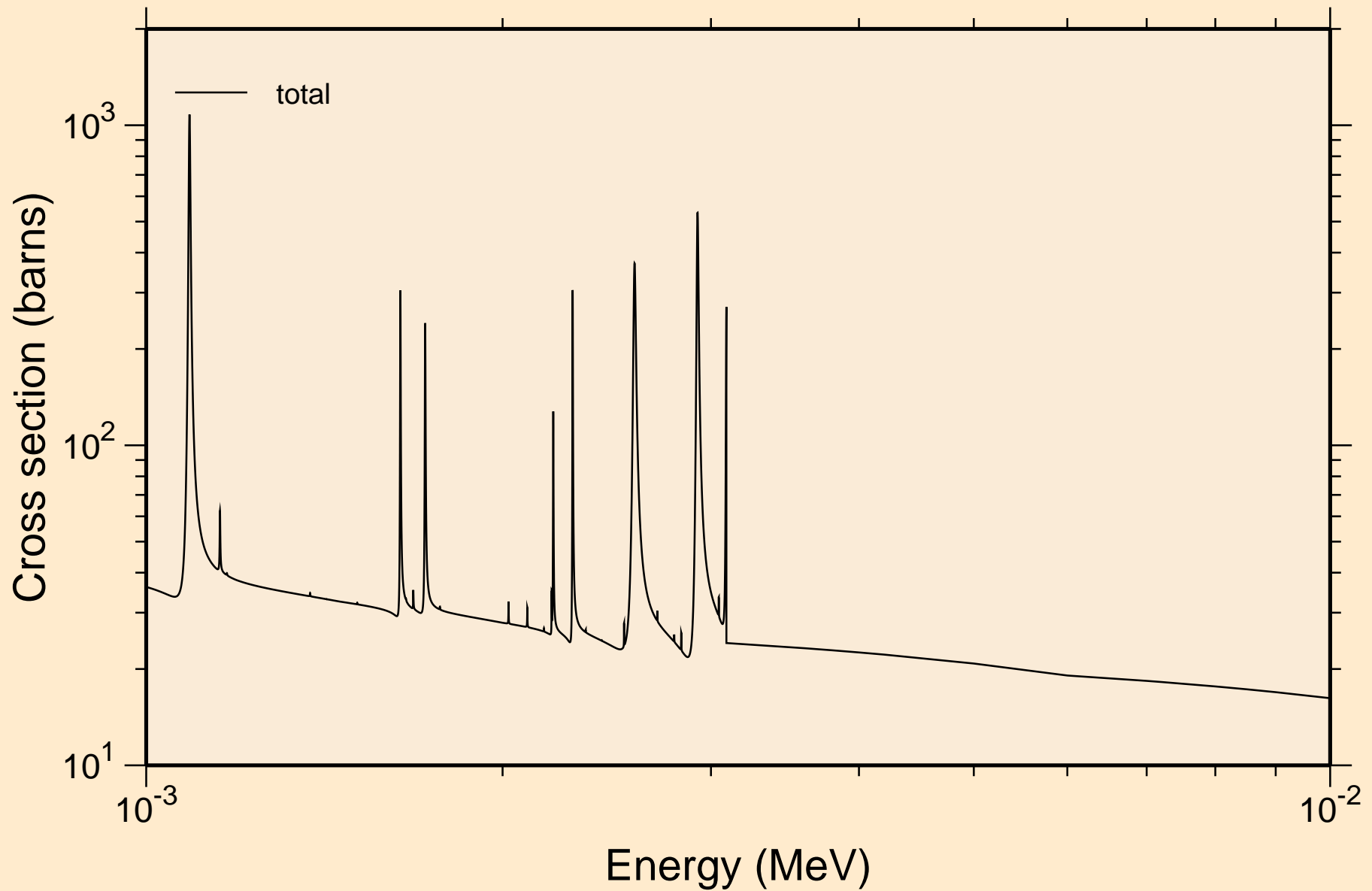
## Principal cross sections



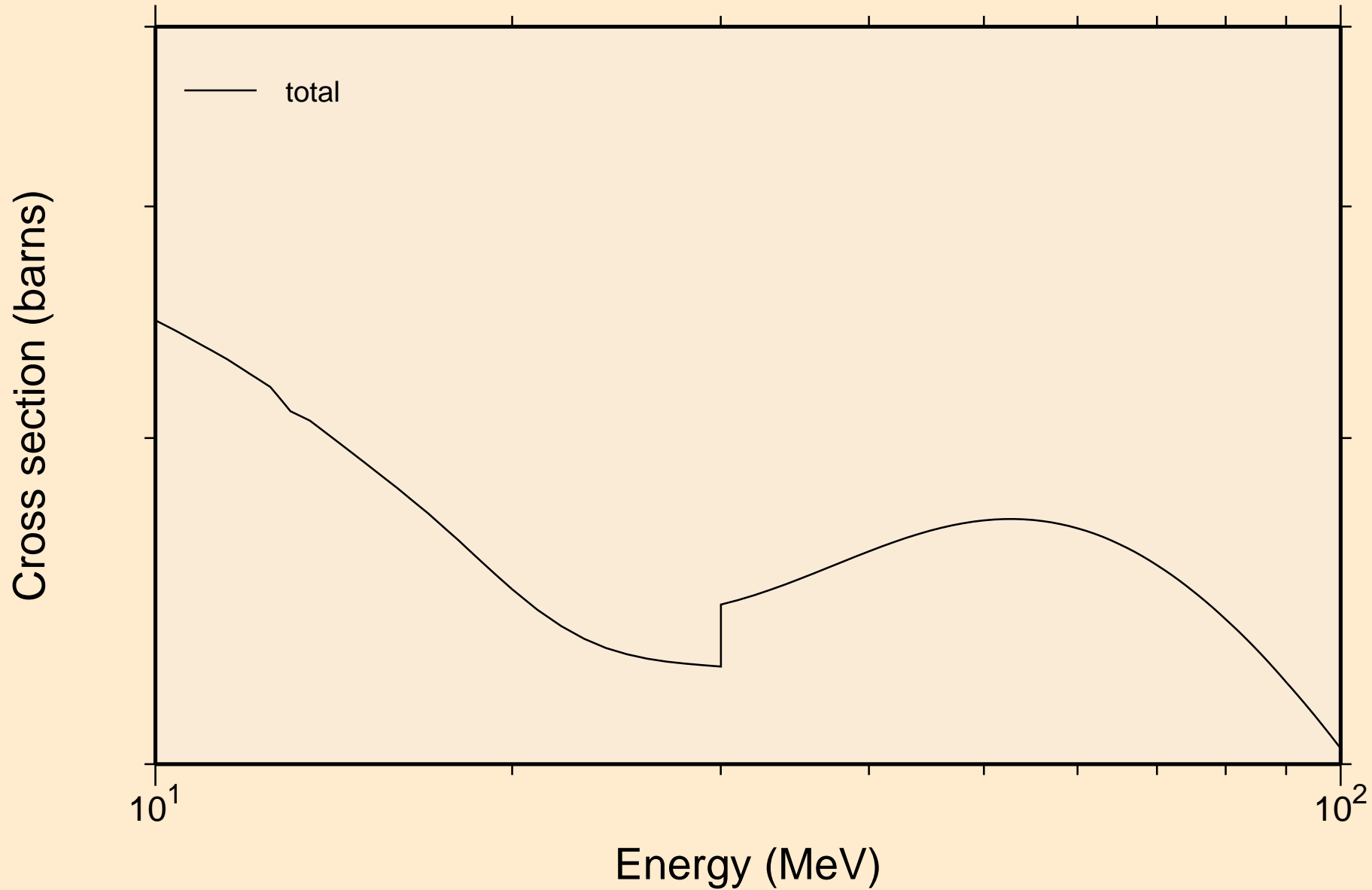
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resonance total cross section



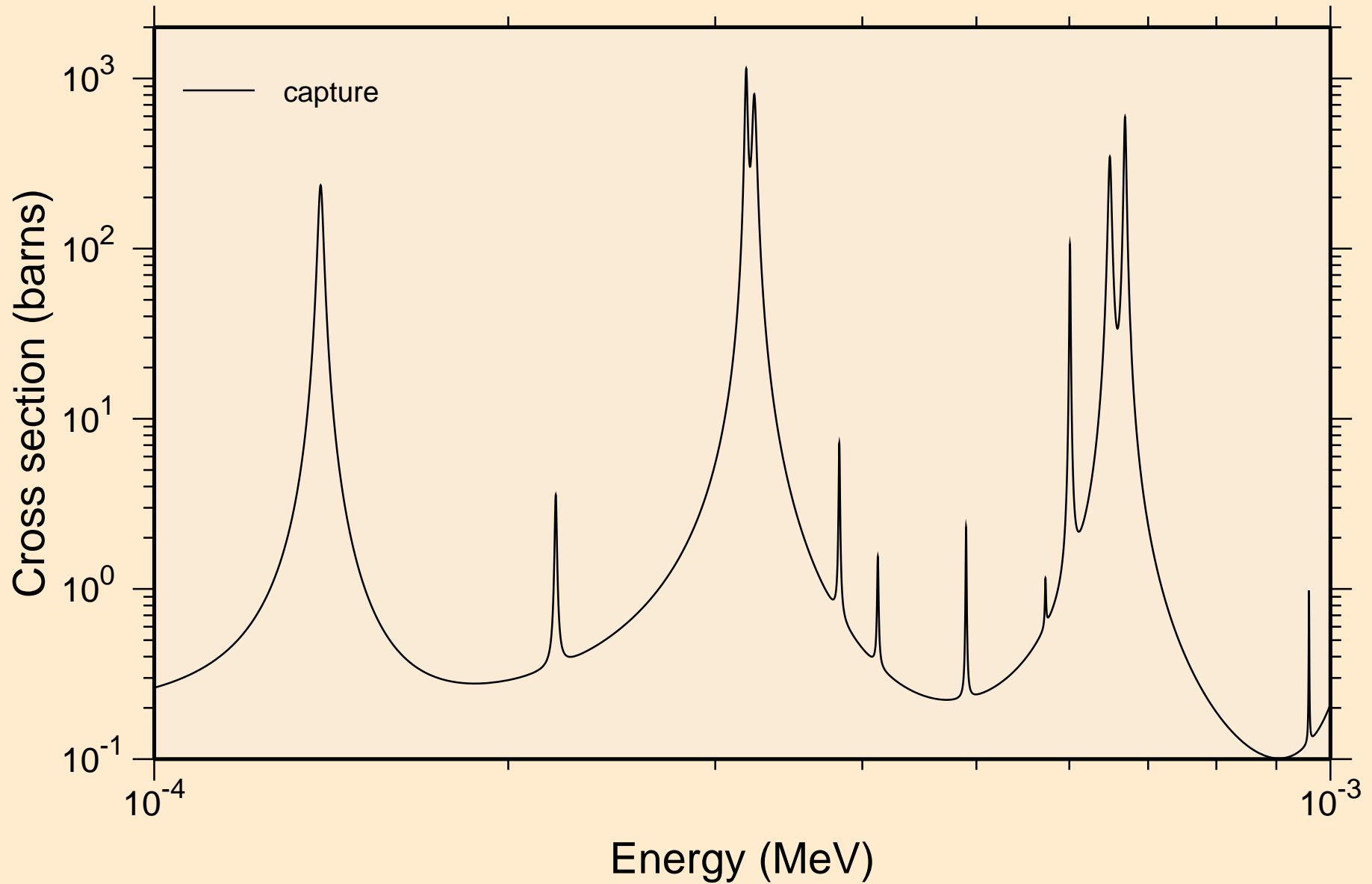
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resonance total cross section



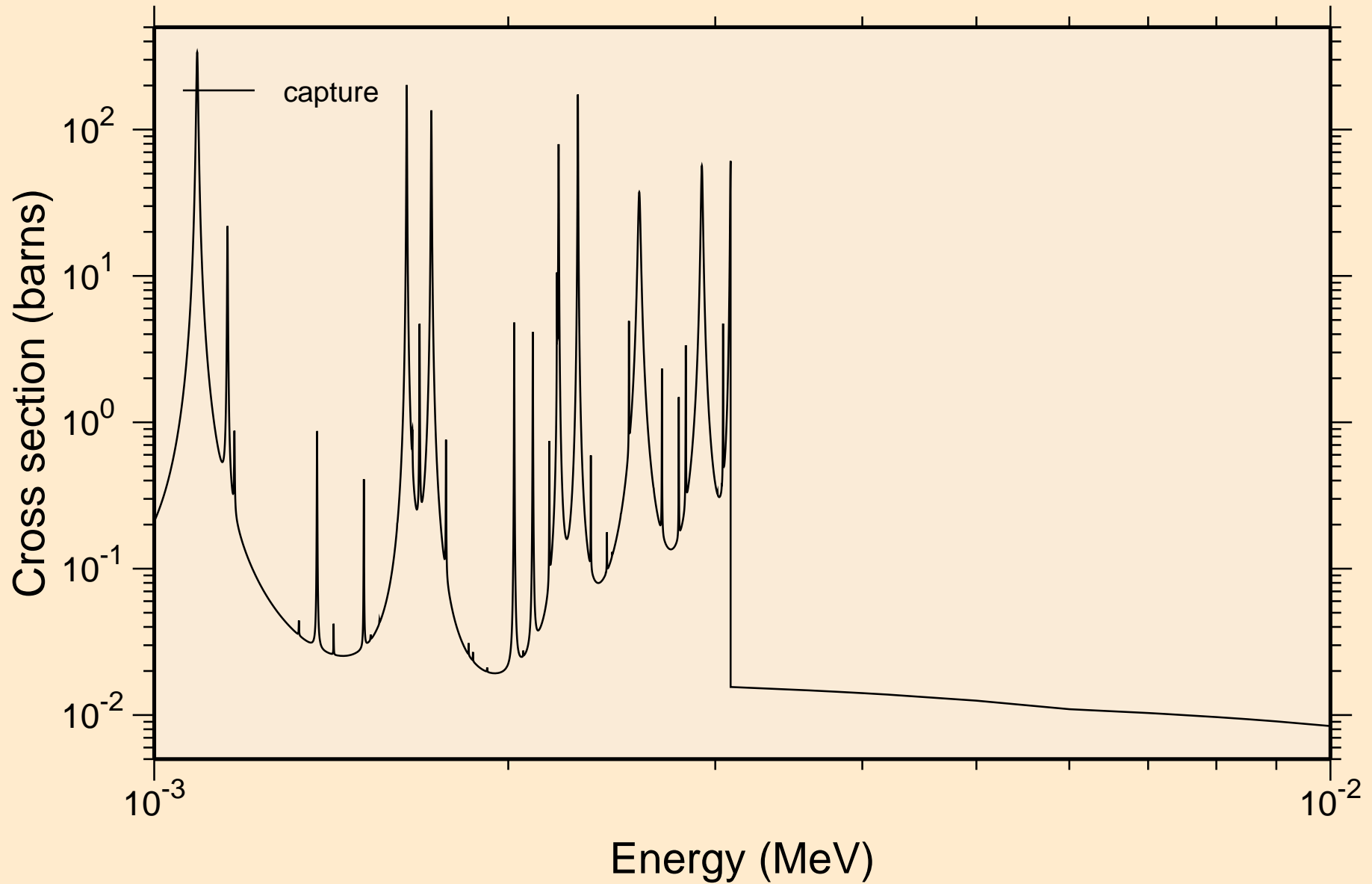
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resonance total cross section



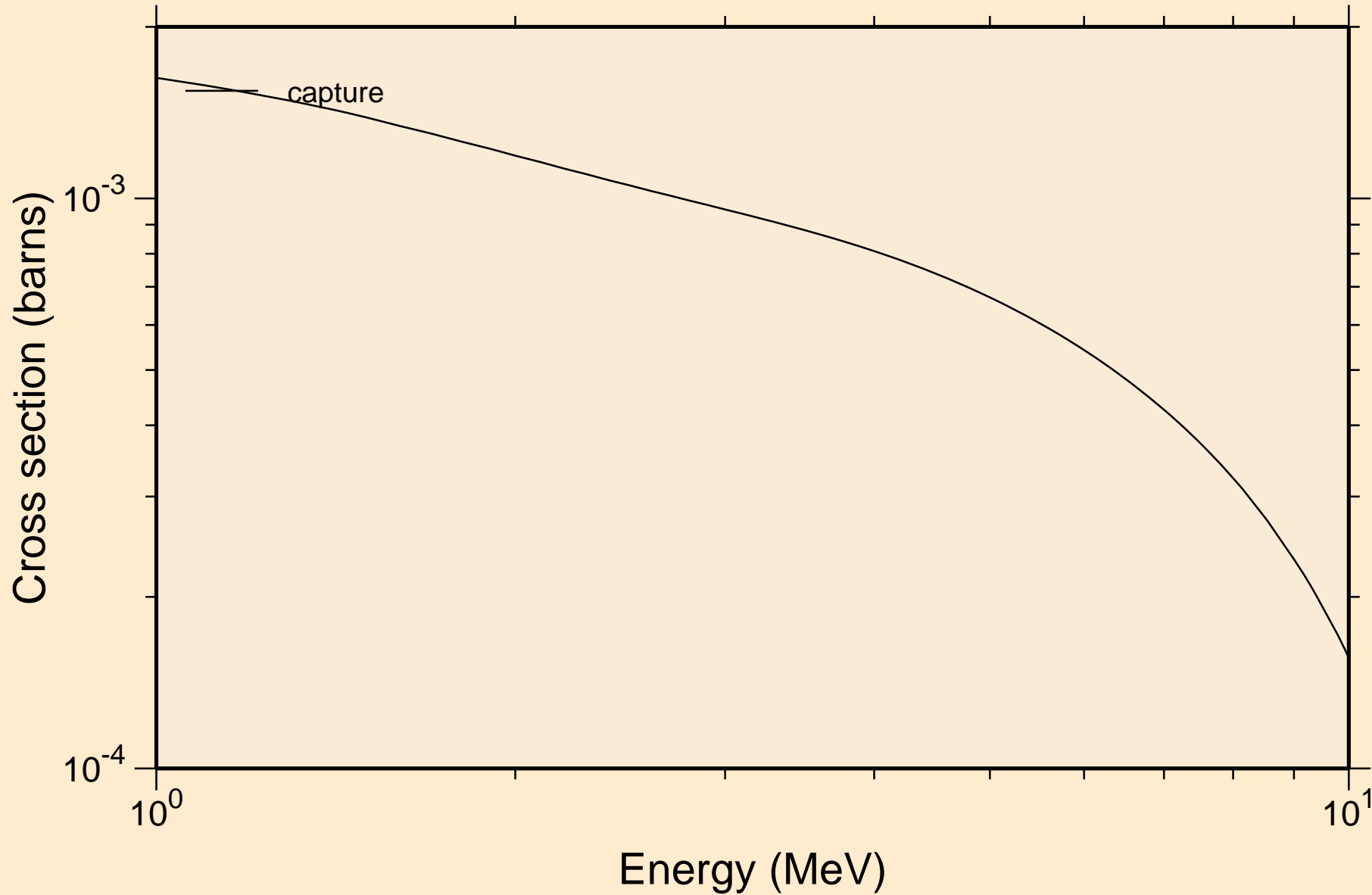
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

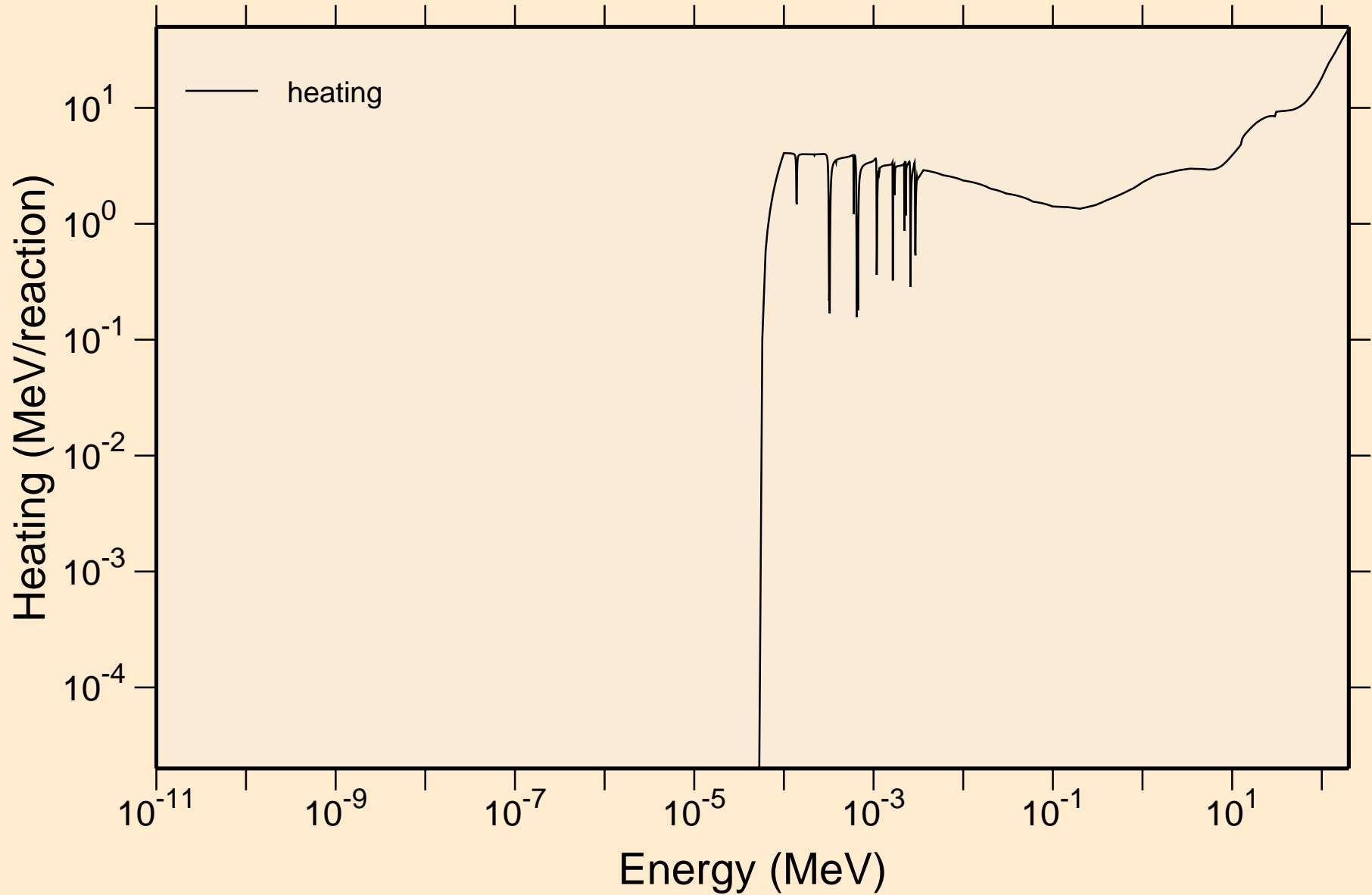


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

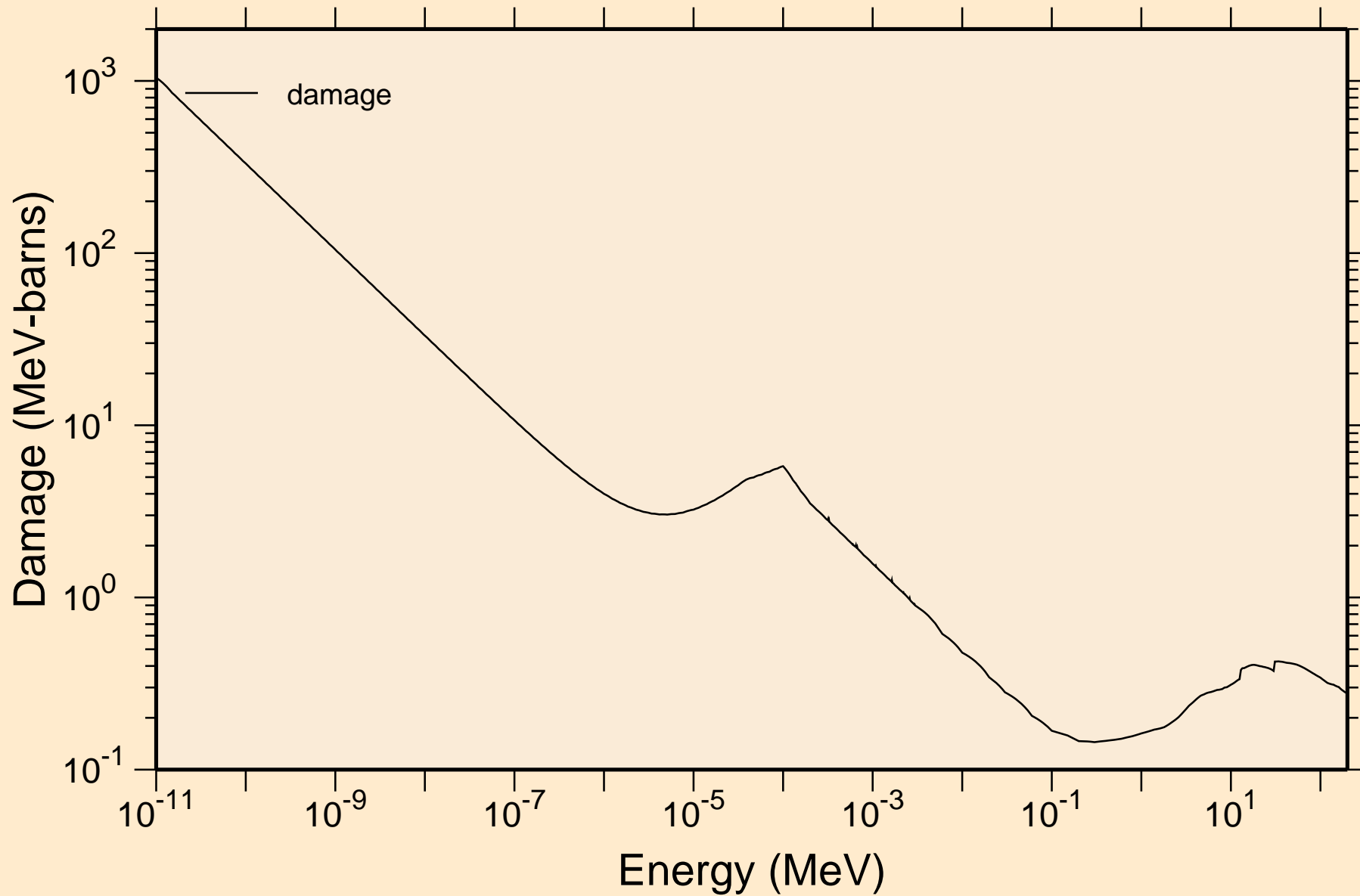
## Heating





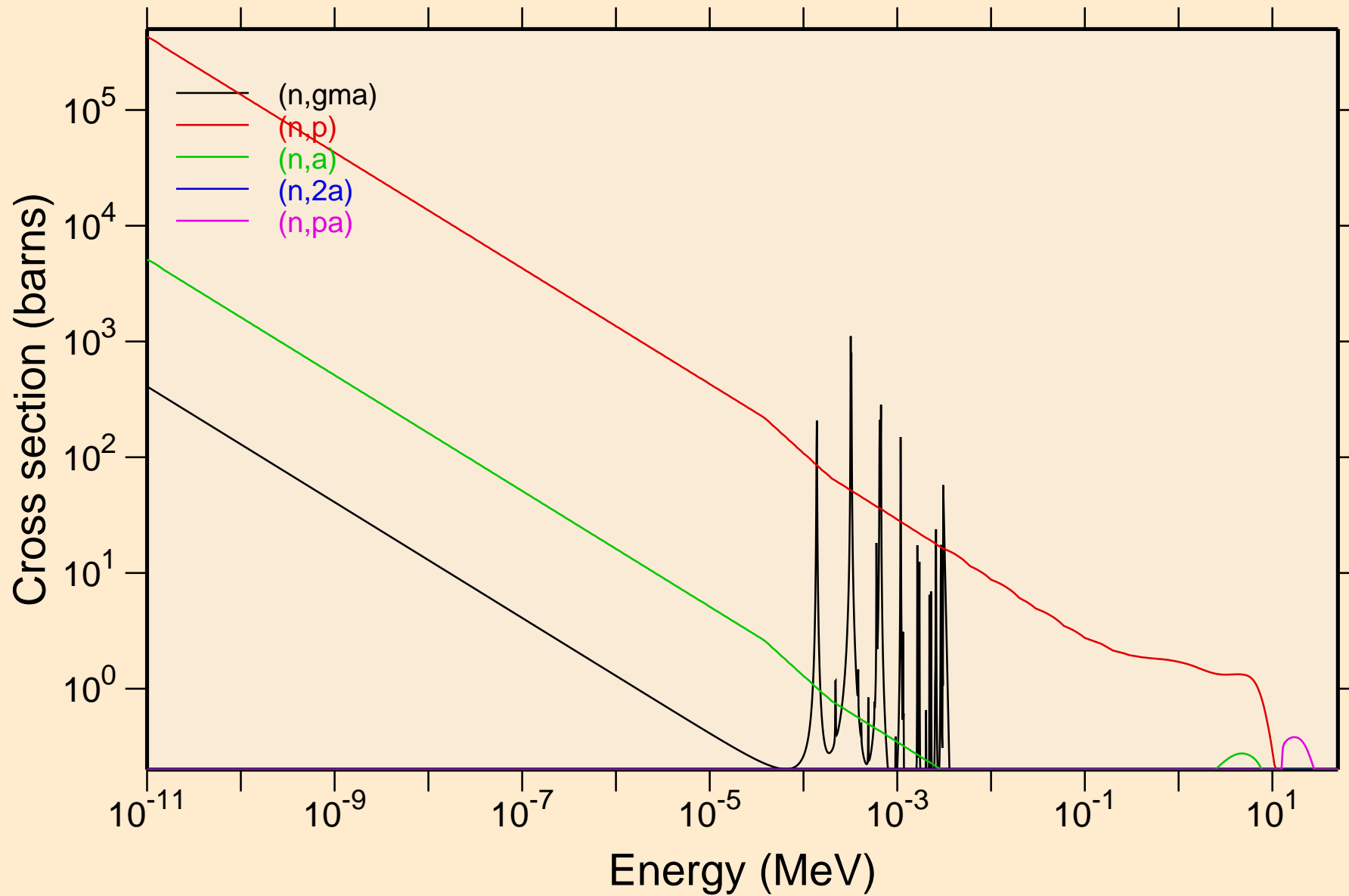
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## Damage

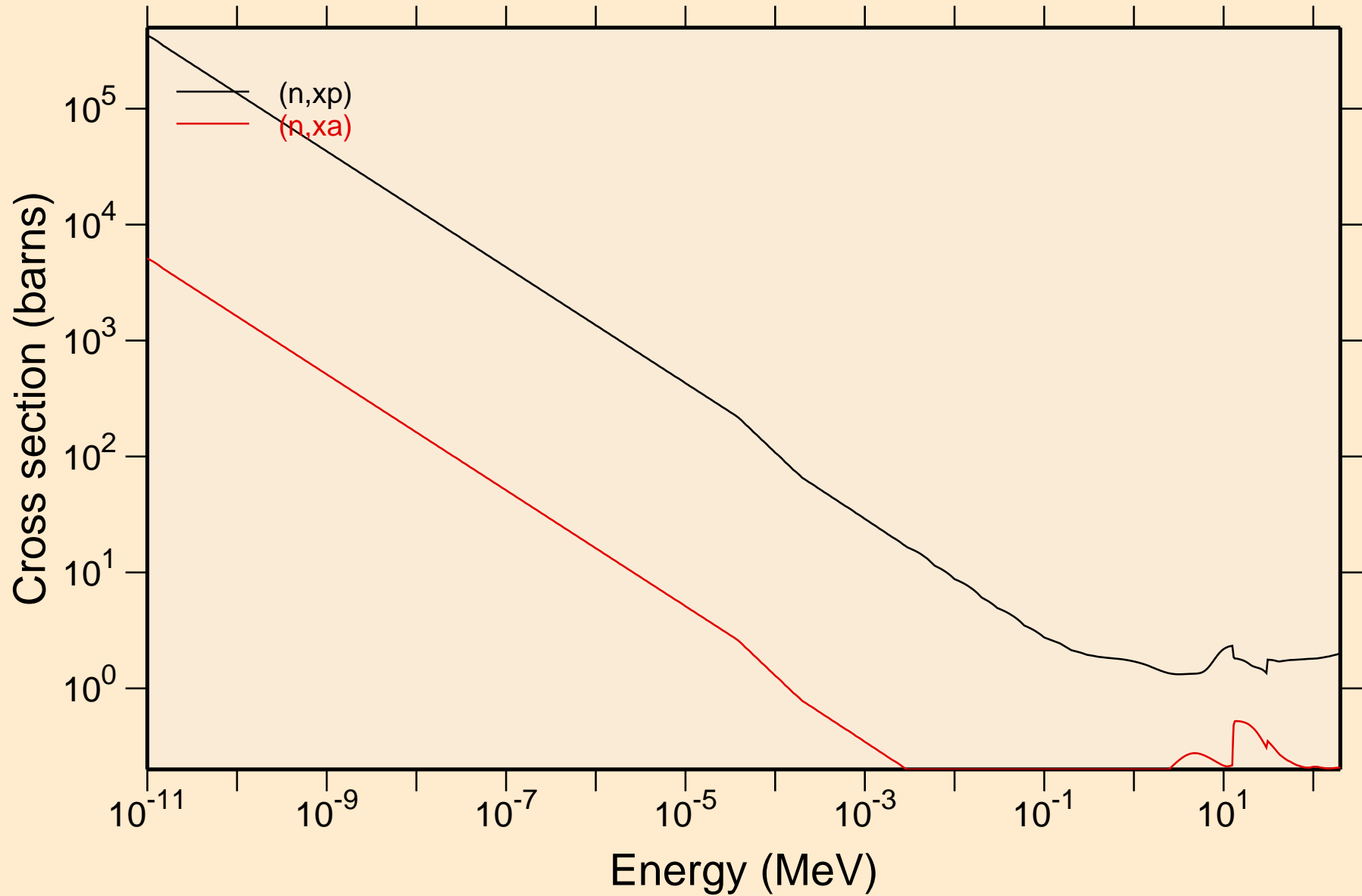


# GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

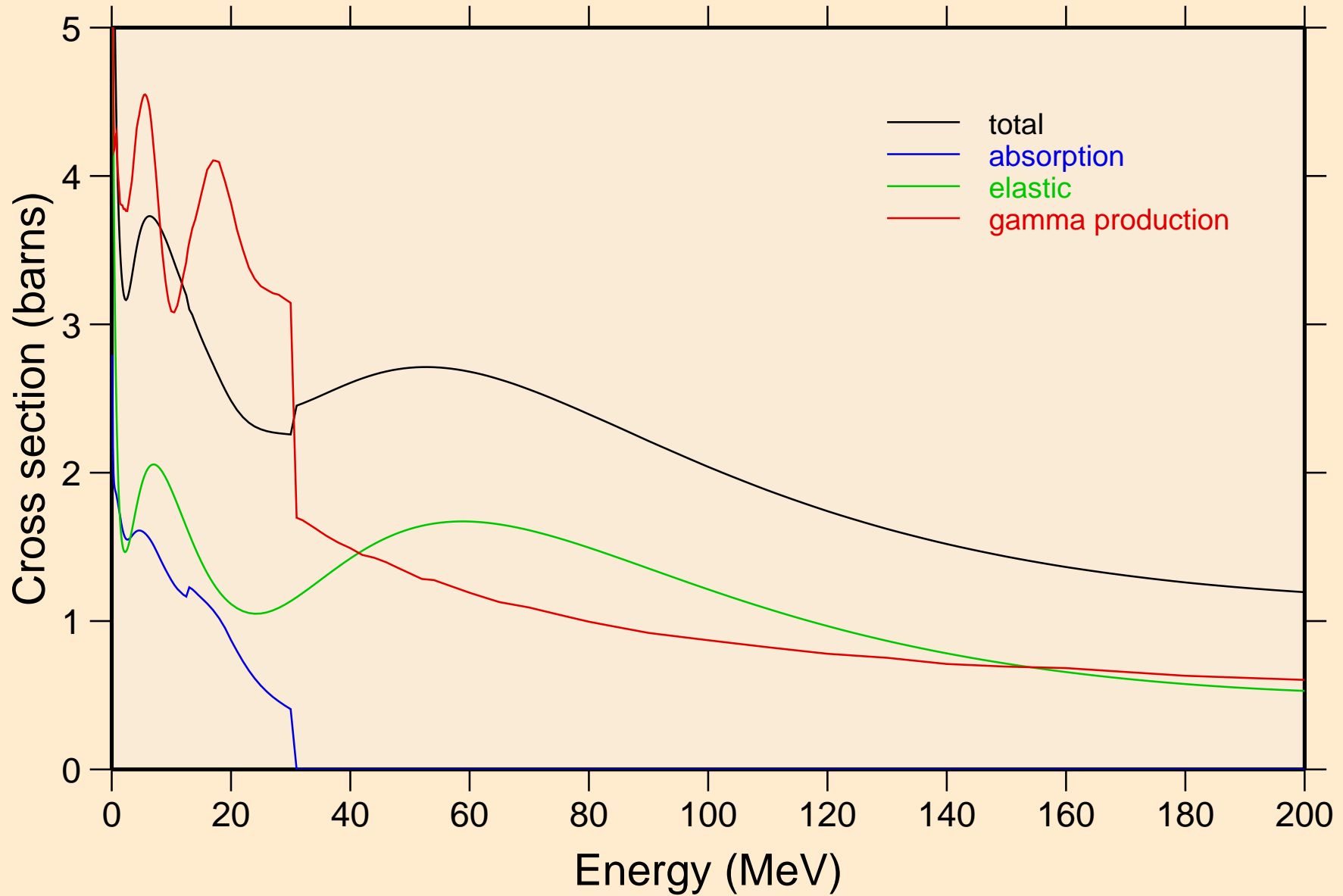


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



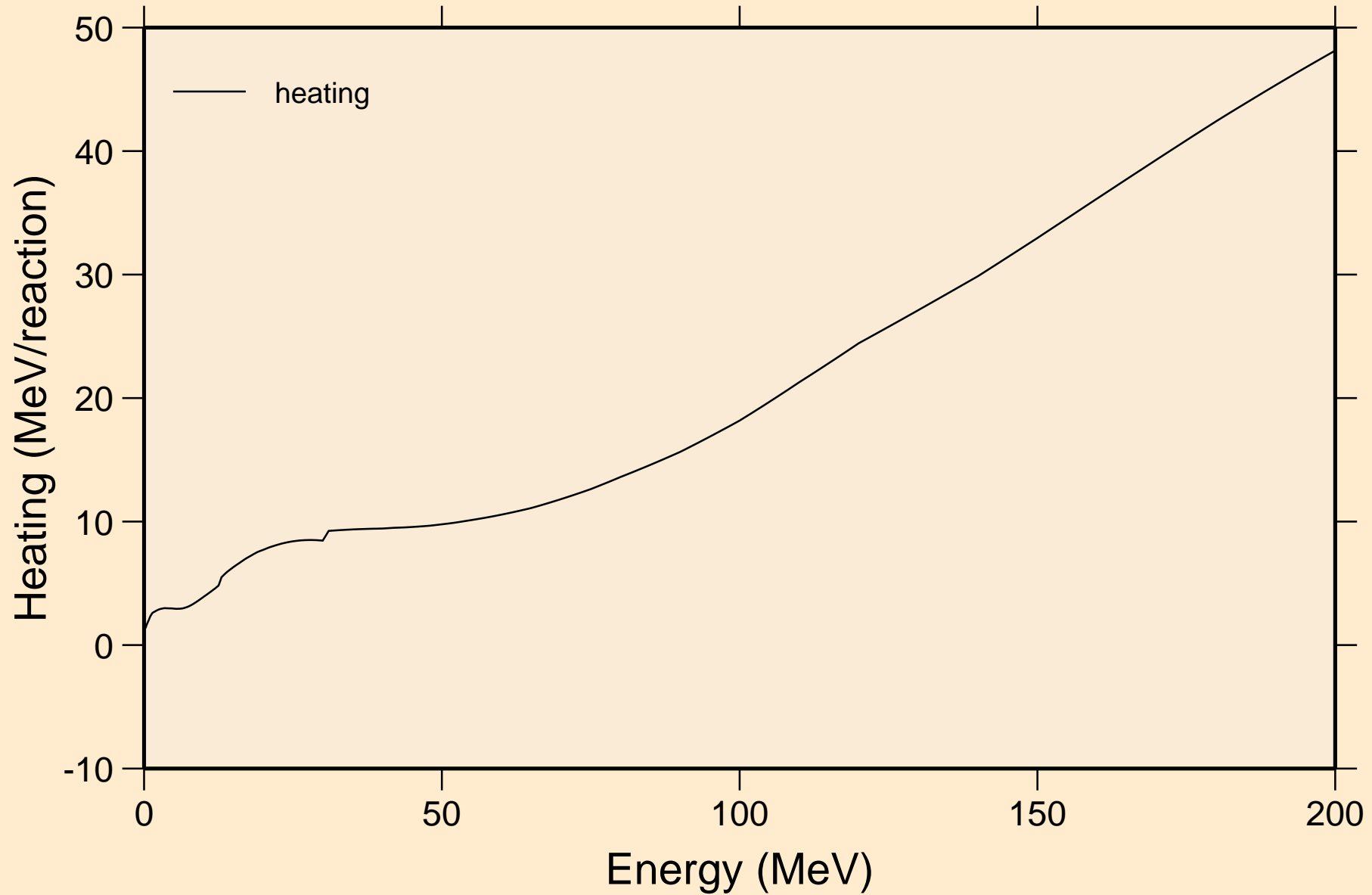
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## Principal cross sections



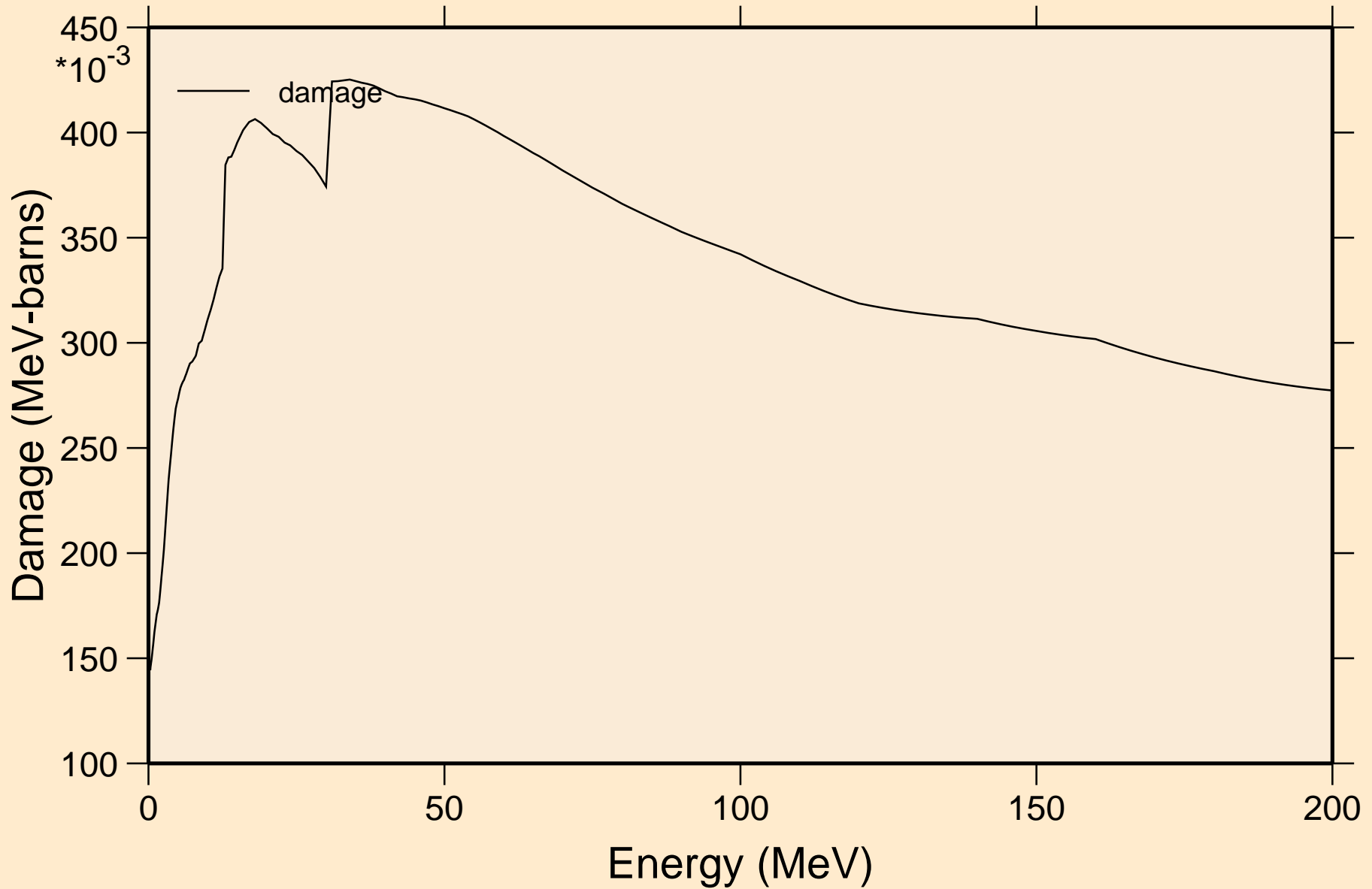
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## Heating

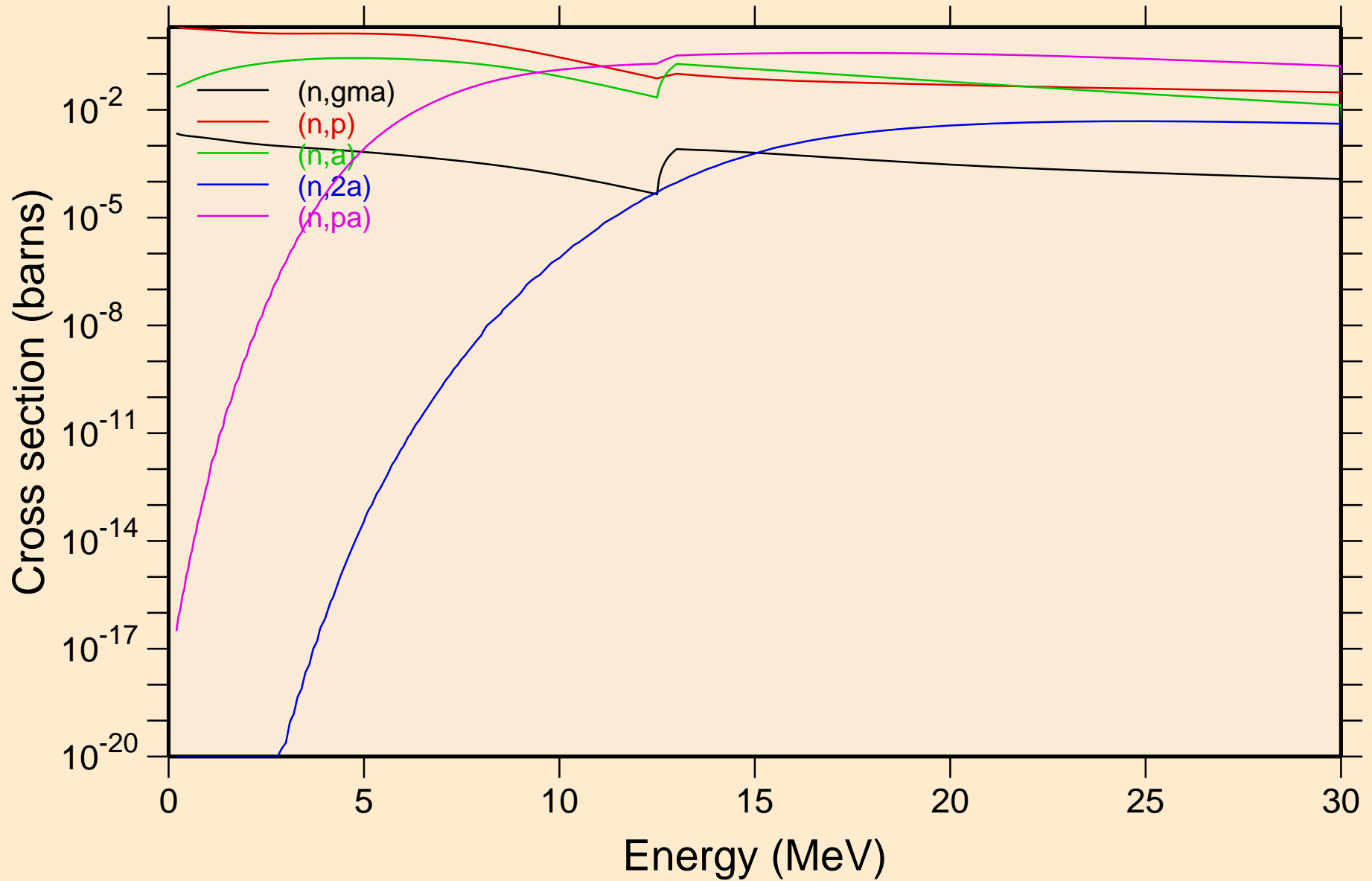


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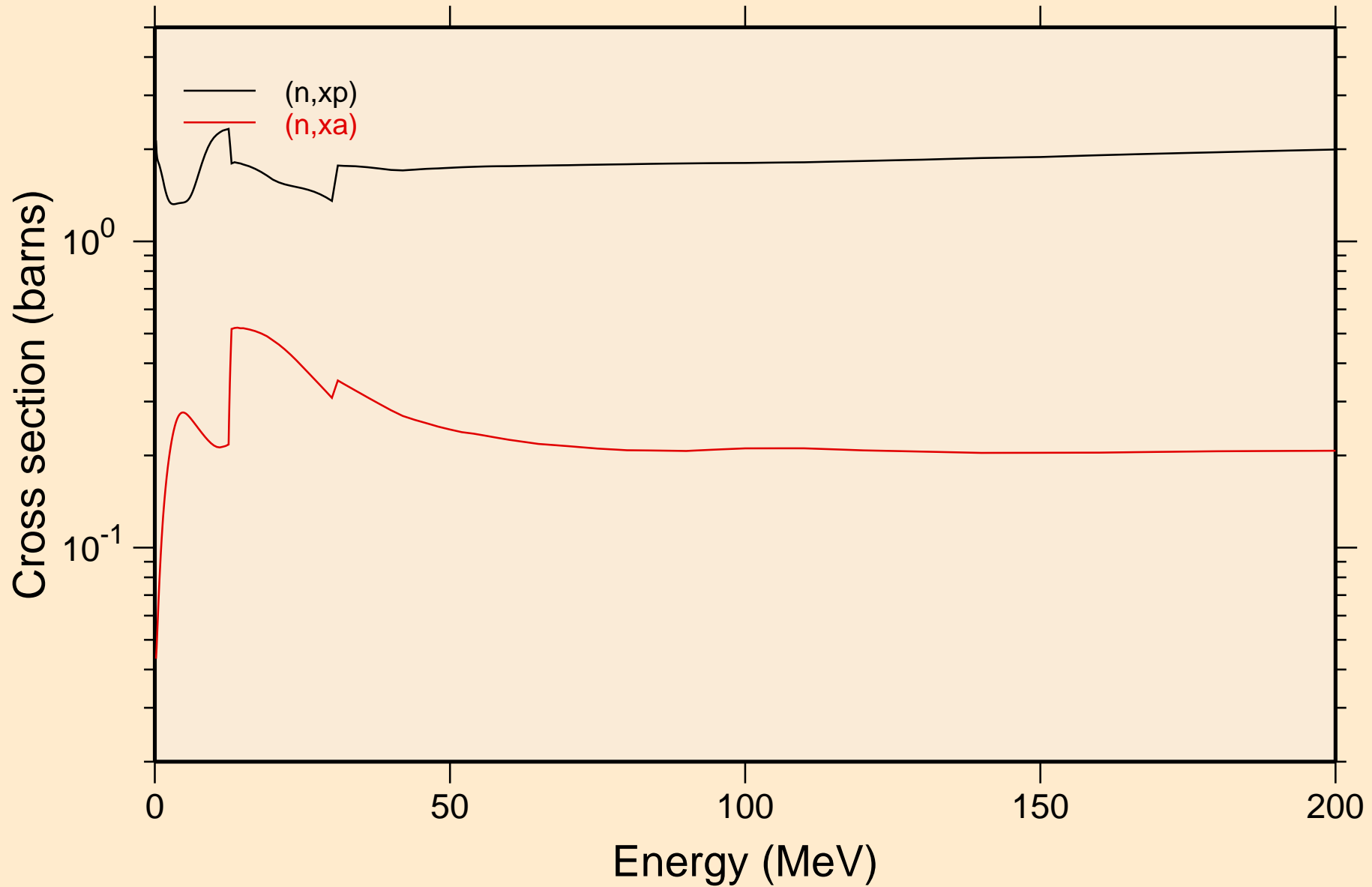
## Damage



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

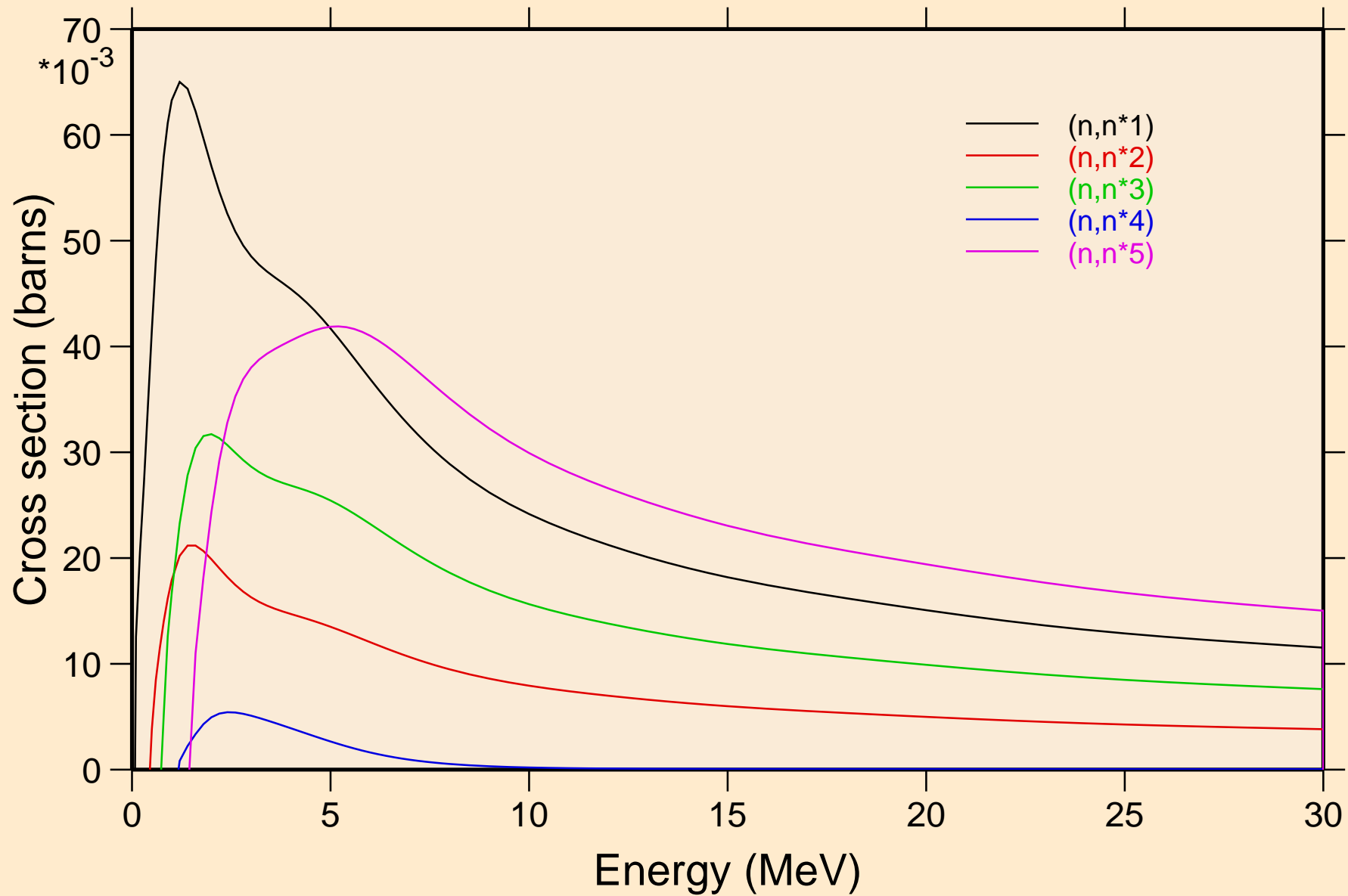


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



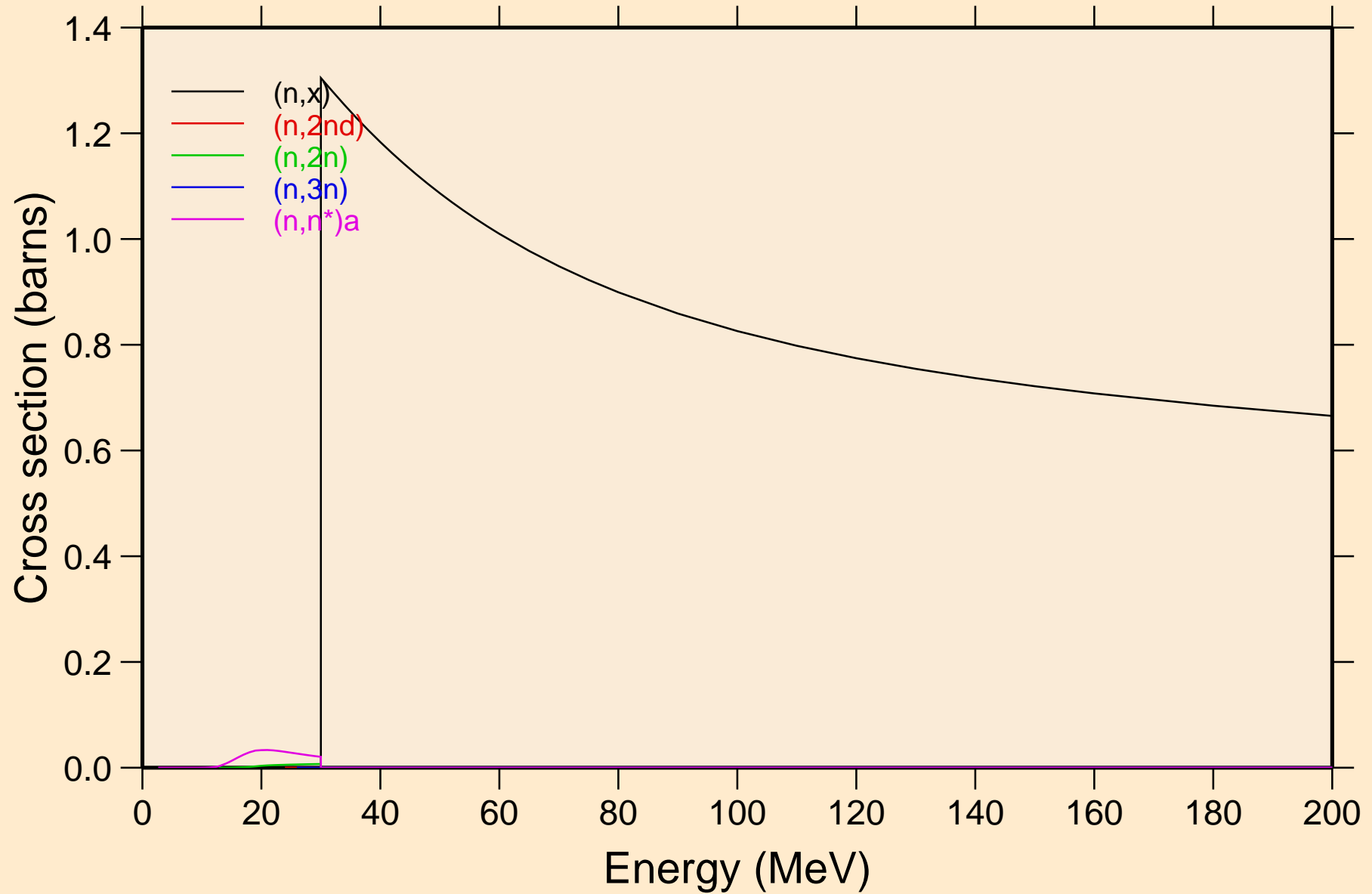


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



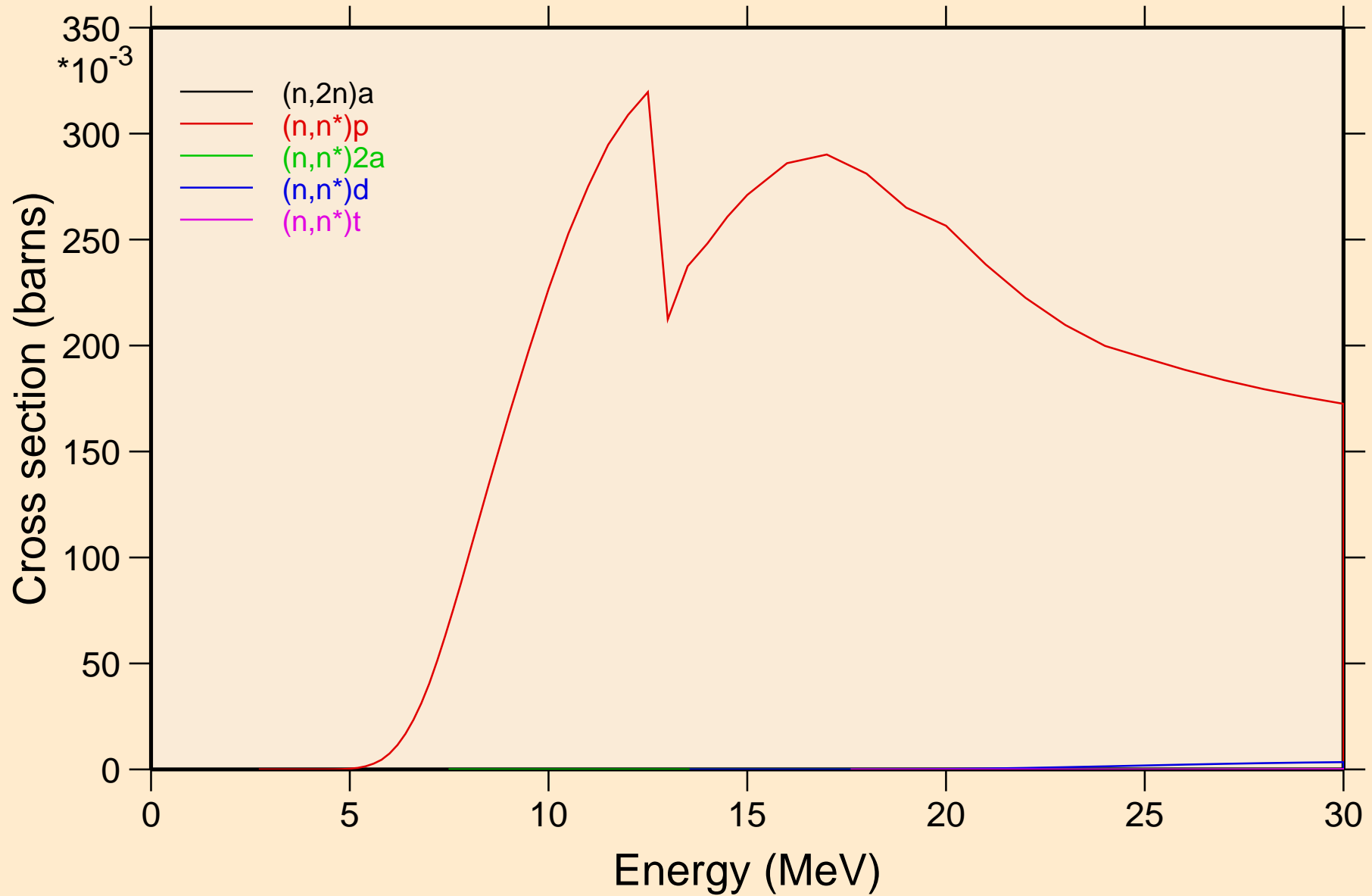
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## Threshold reactions



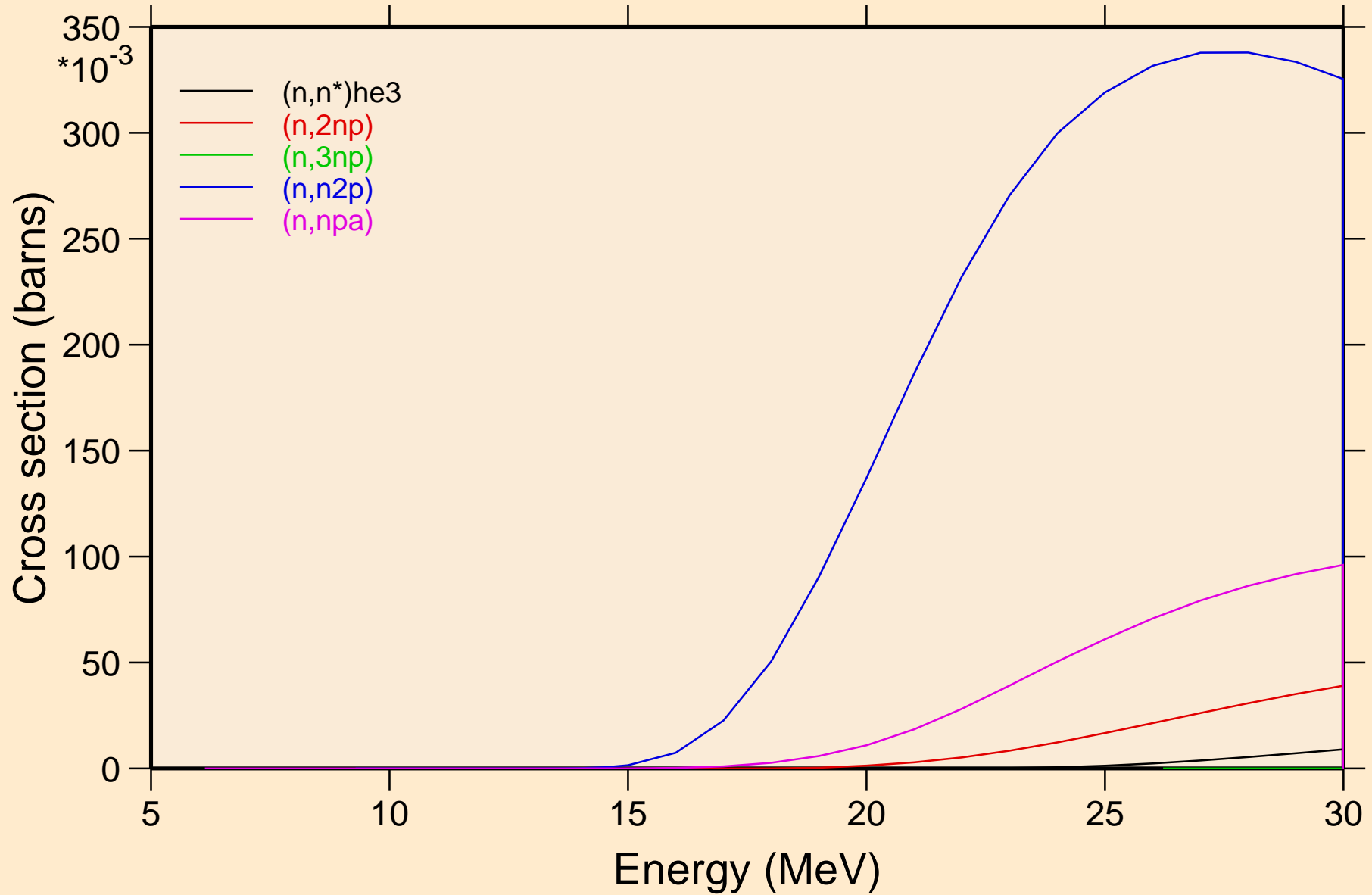
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## Threshold reactions



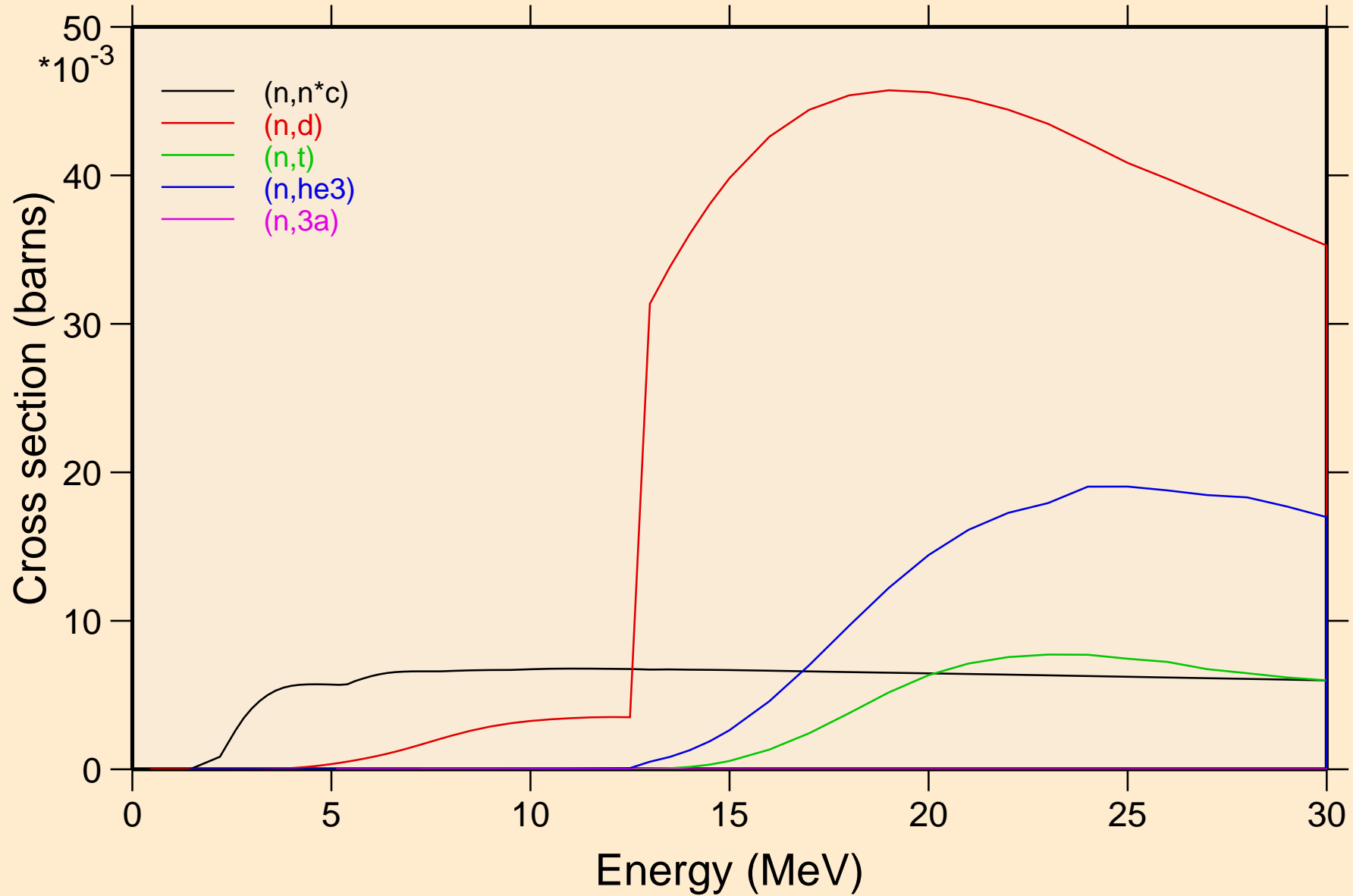
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## Threshold reactions

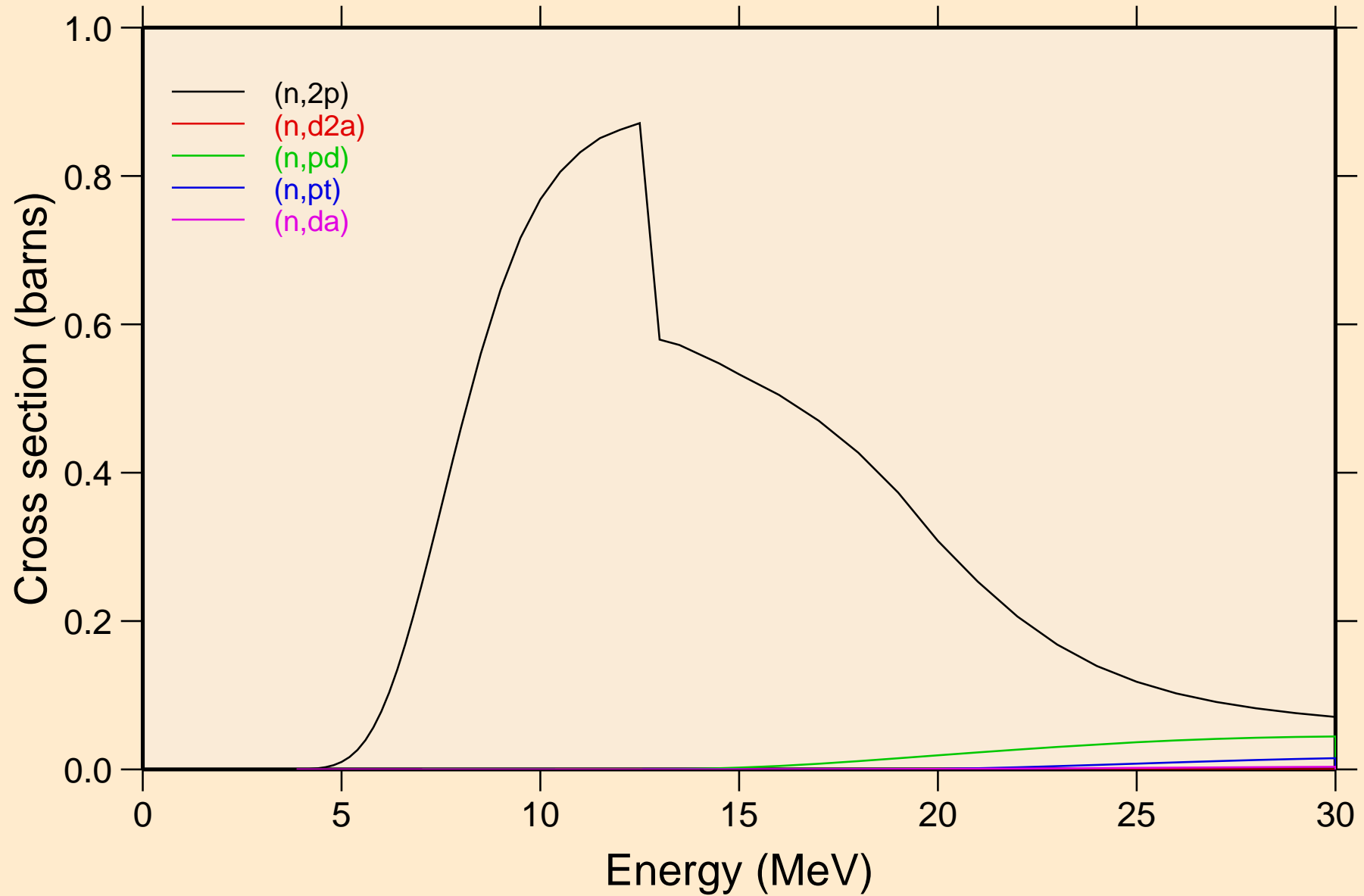


# GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

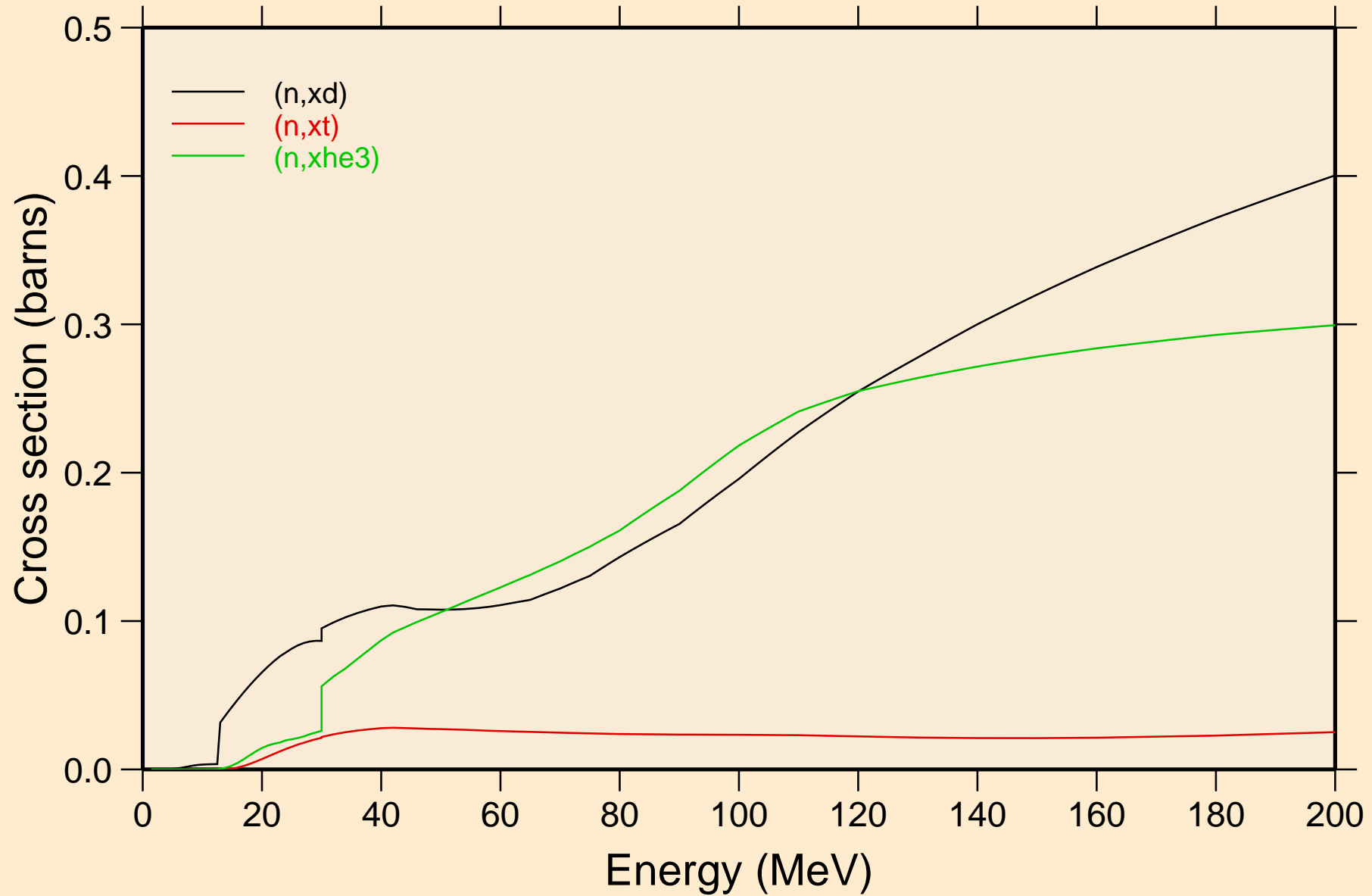


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

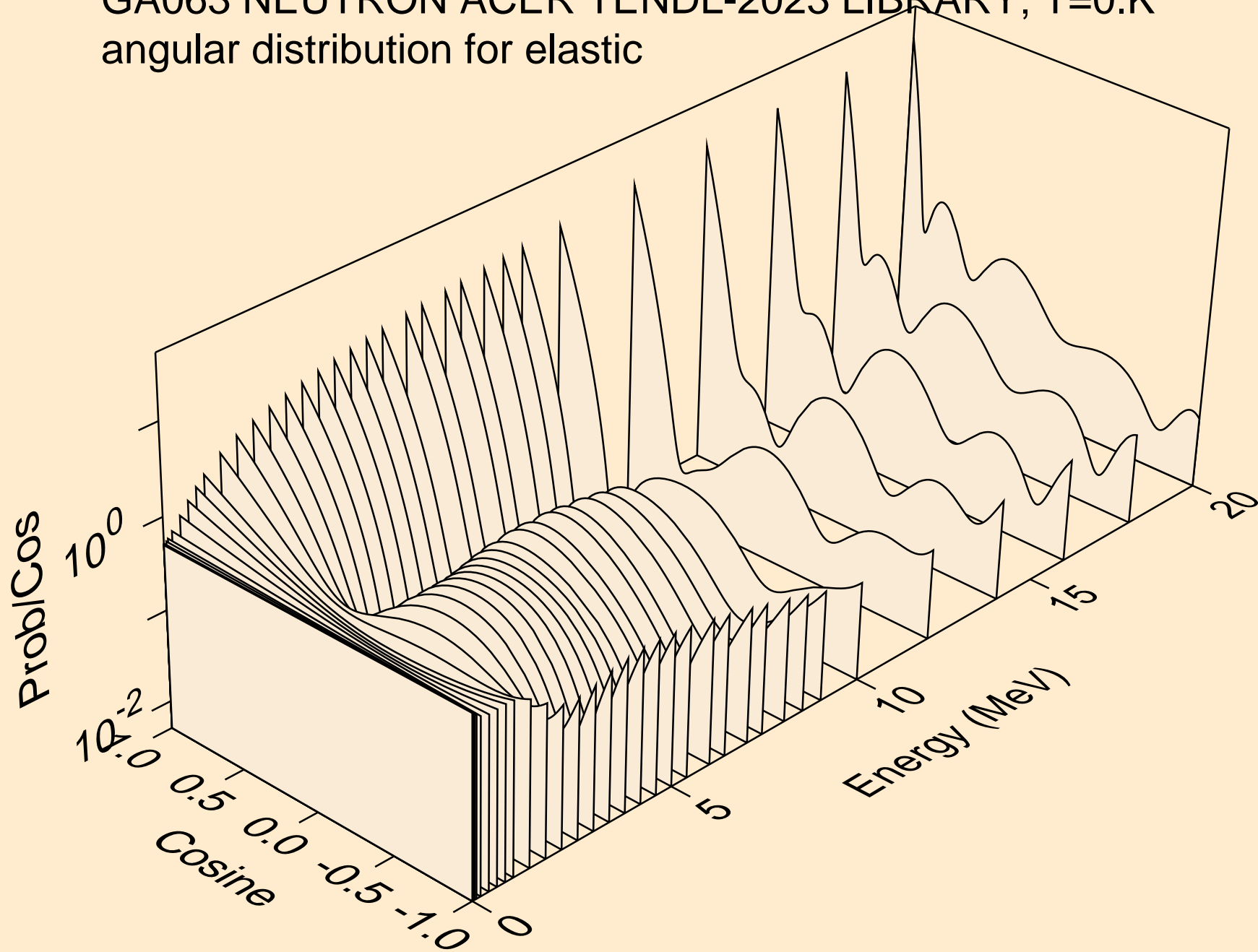


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## Threshold reactions

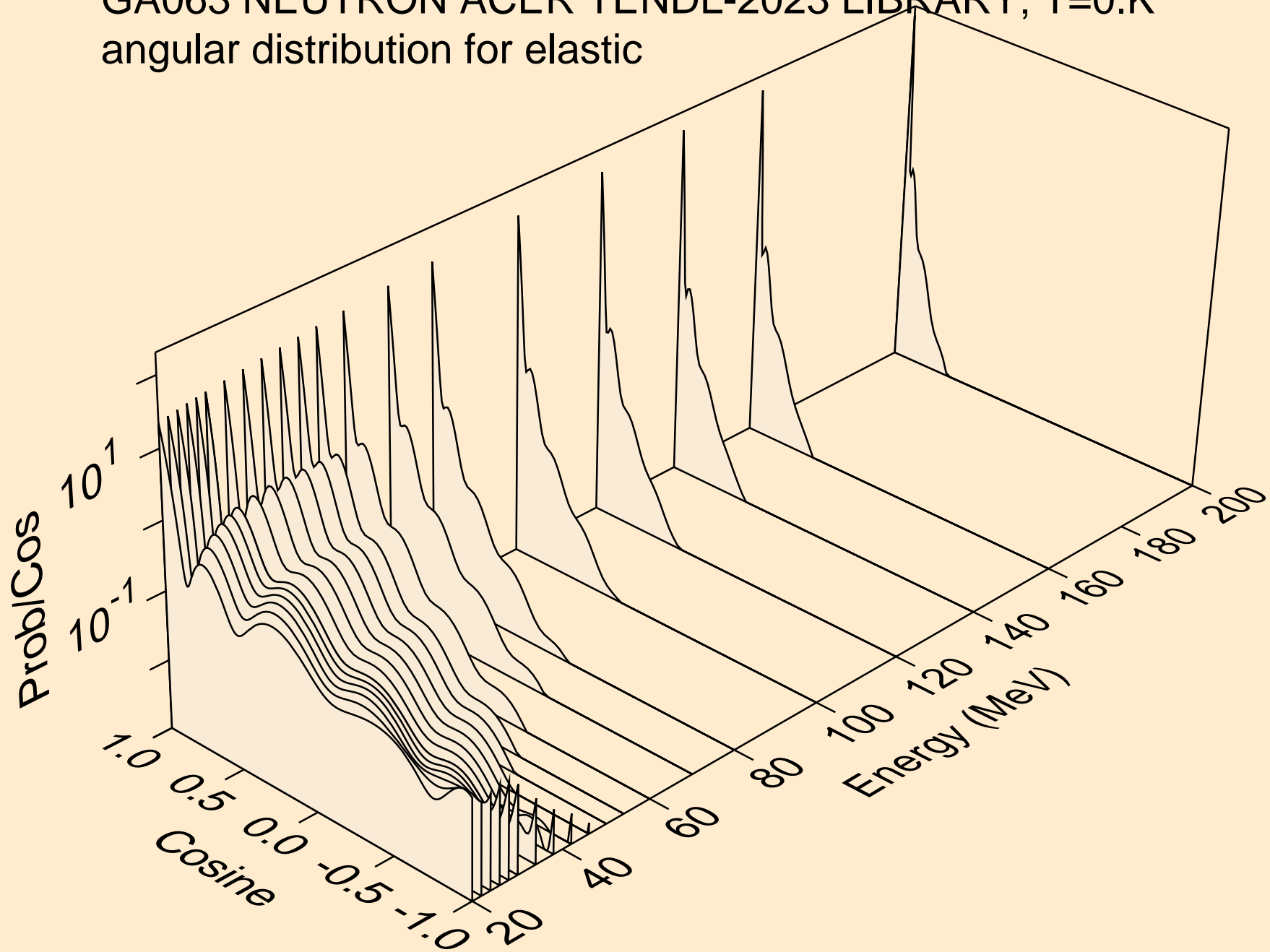


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

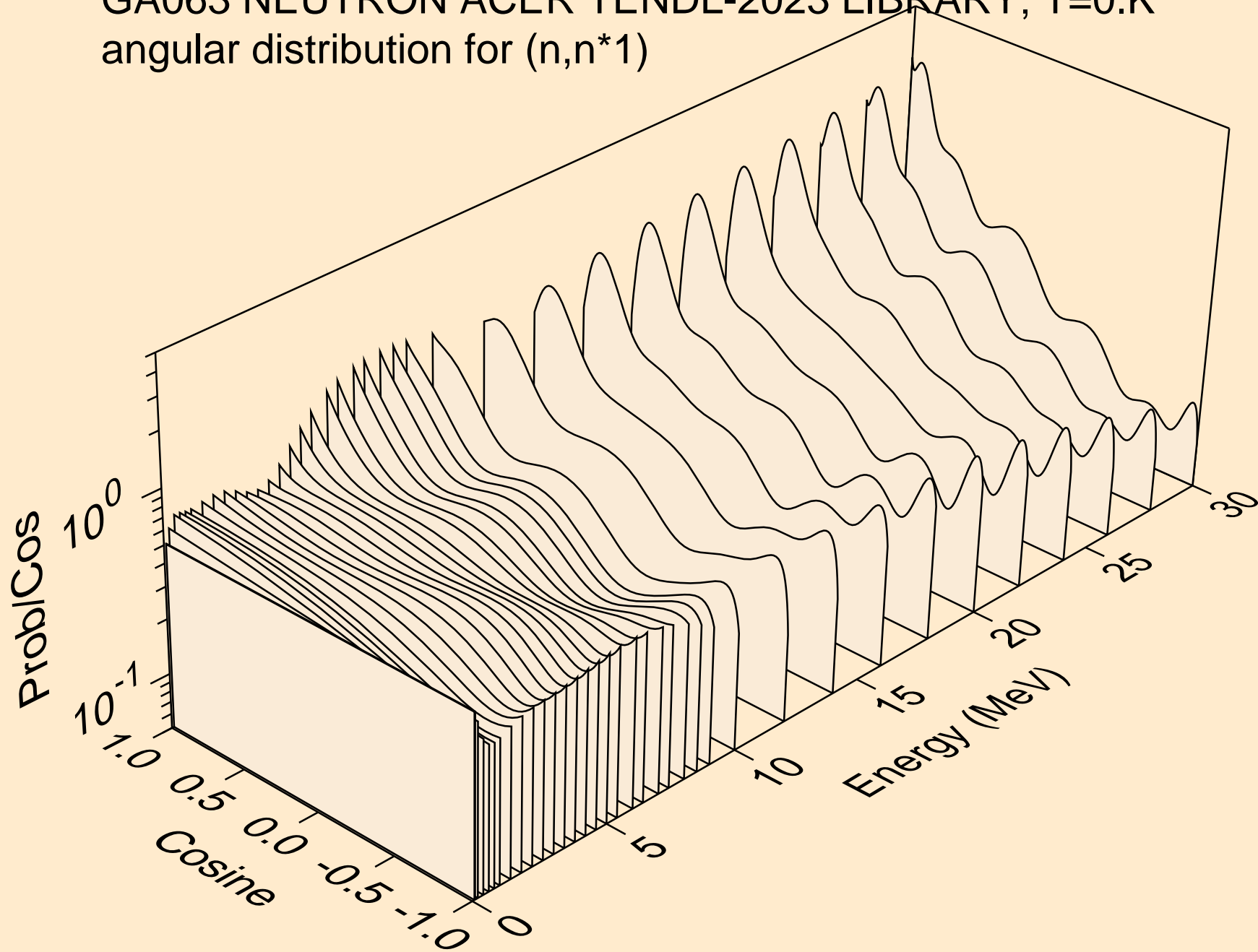




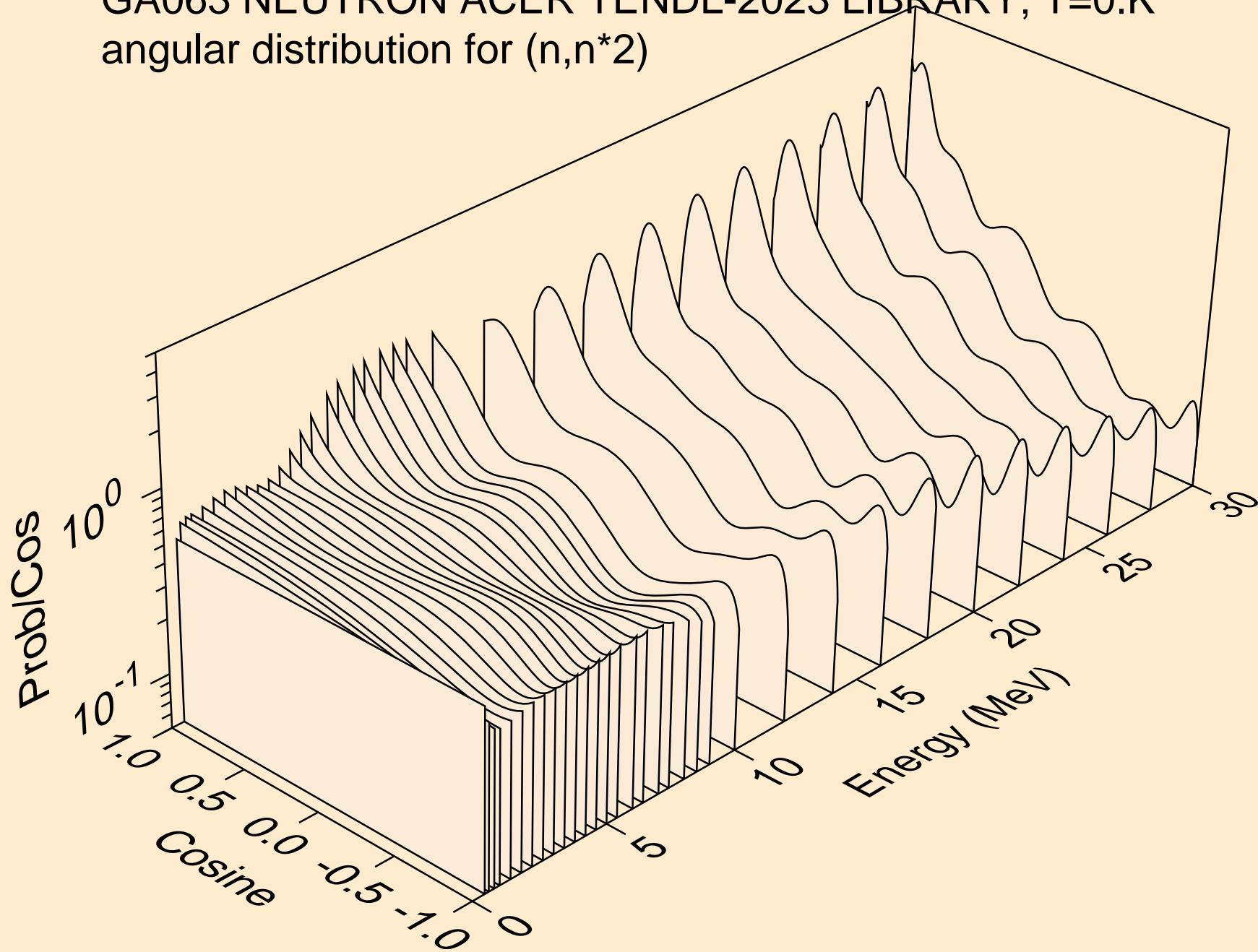
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angular distribution for elastic



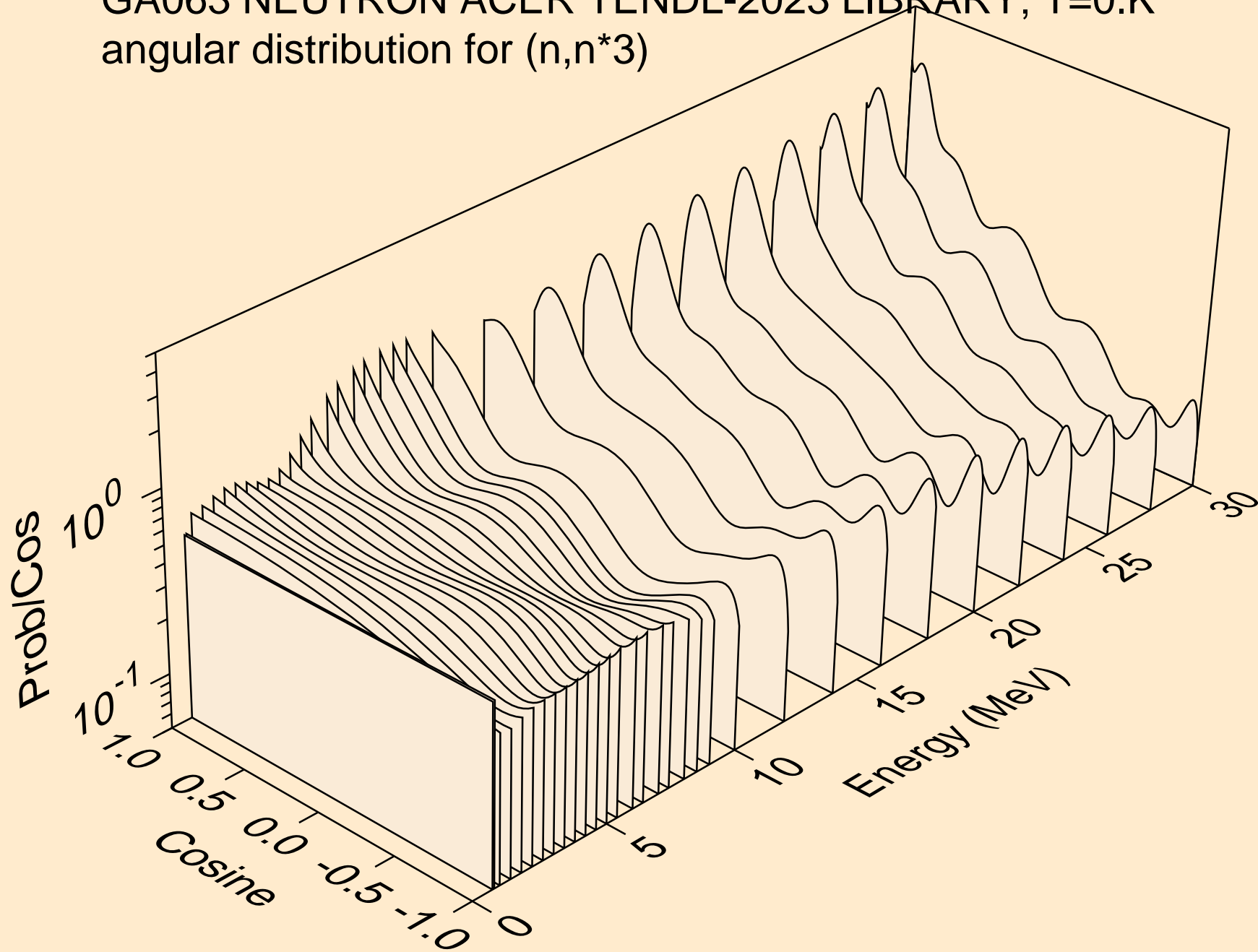
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angular distribution for (n,n\*1)



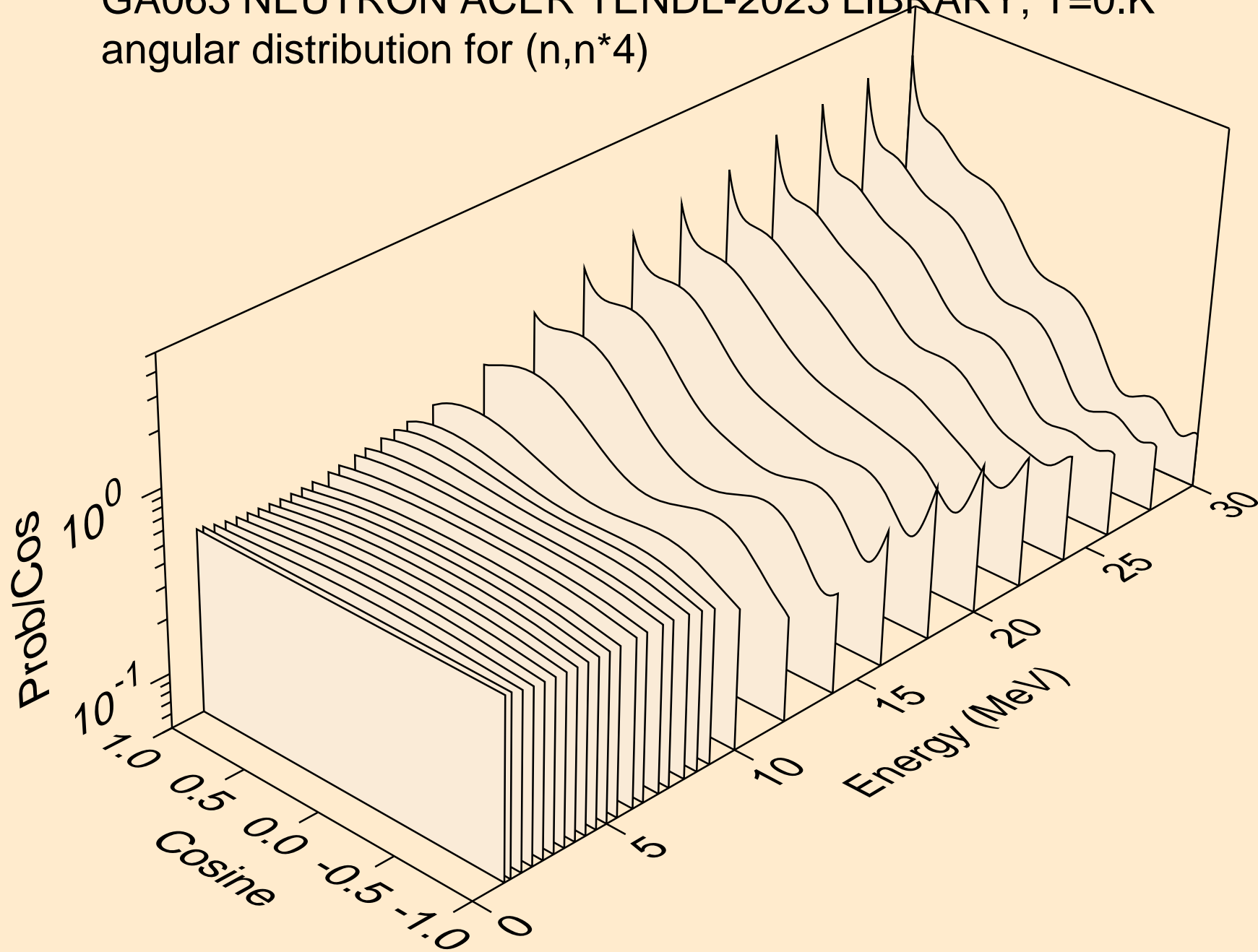
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angular distribution for (n,n\*2)



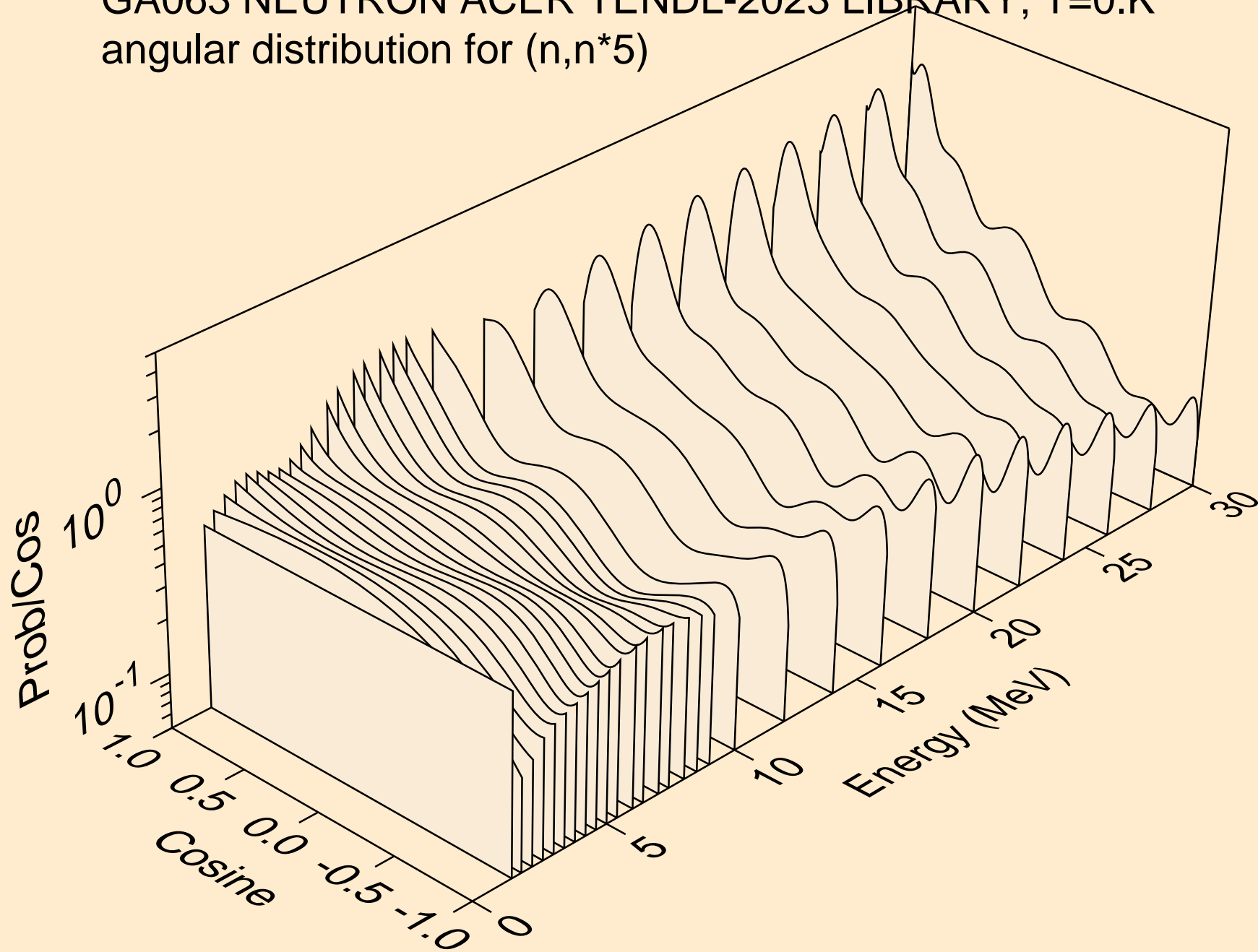
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angular distribution for (n,n\*3)



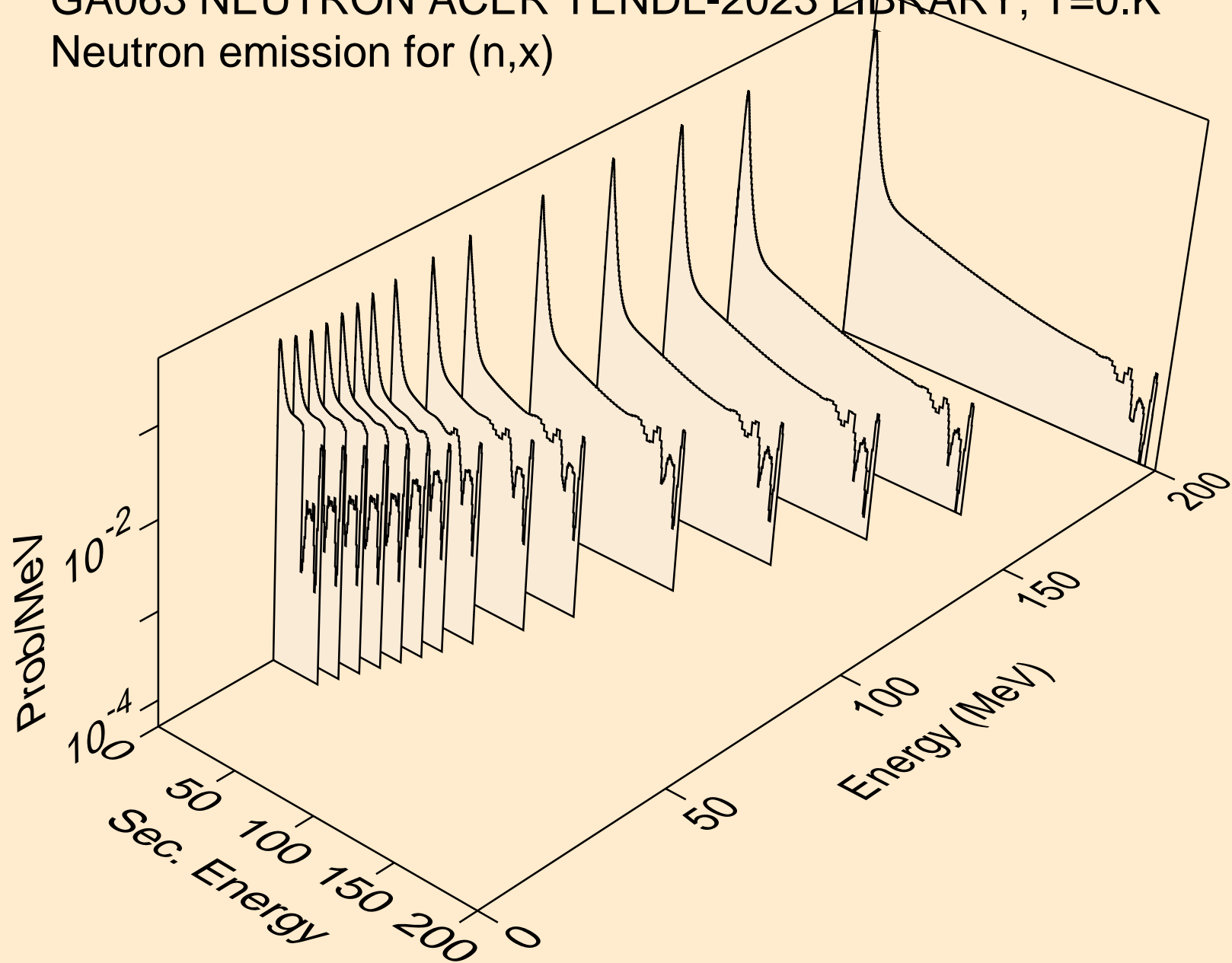
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angular distribution for (n,n\*4)



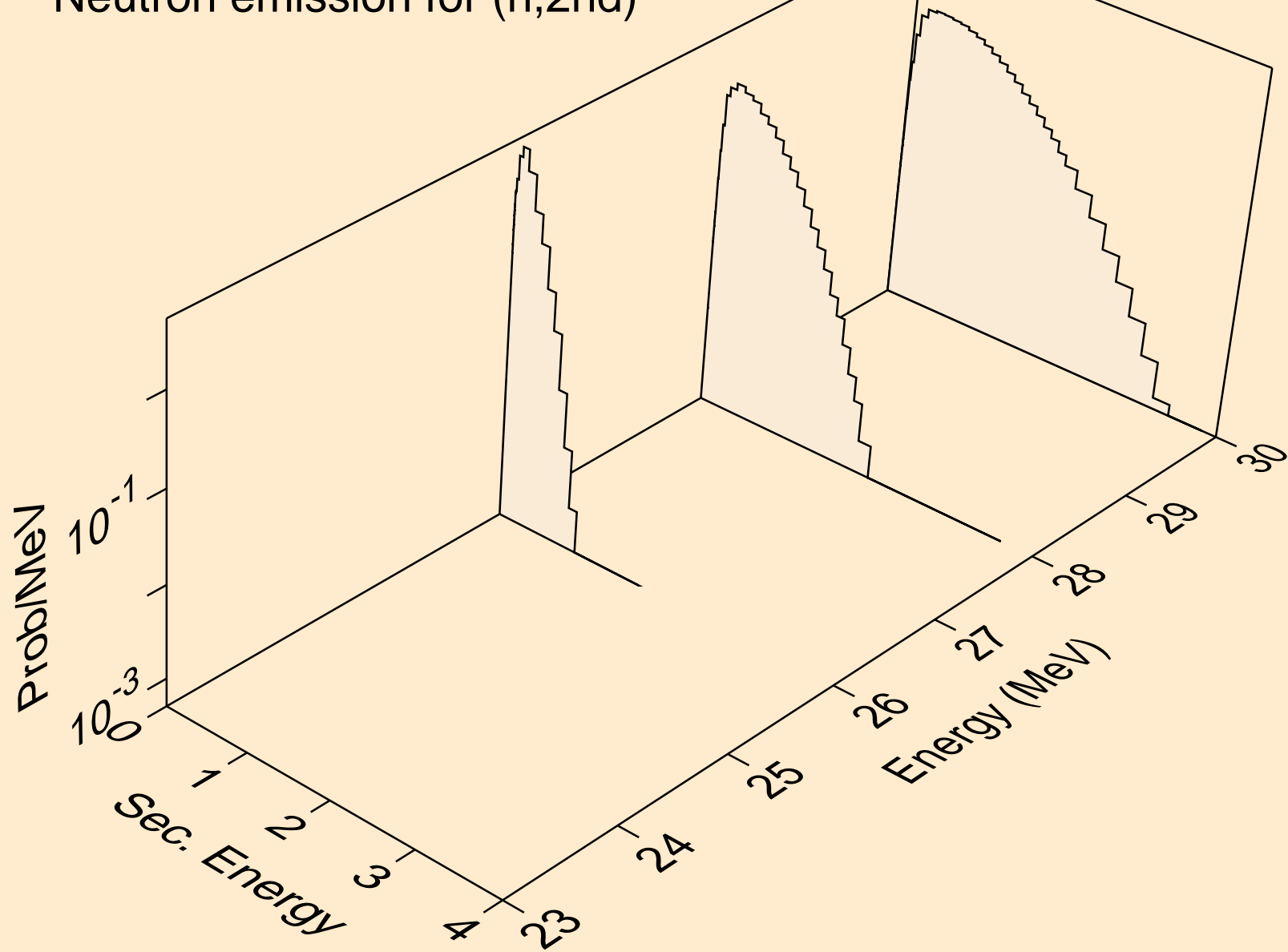
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

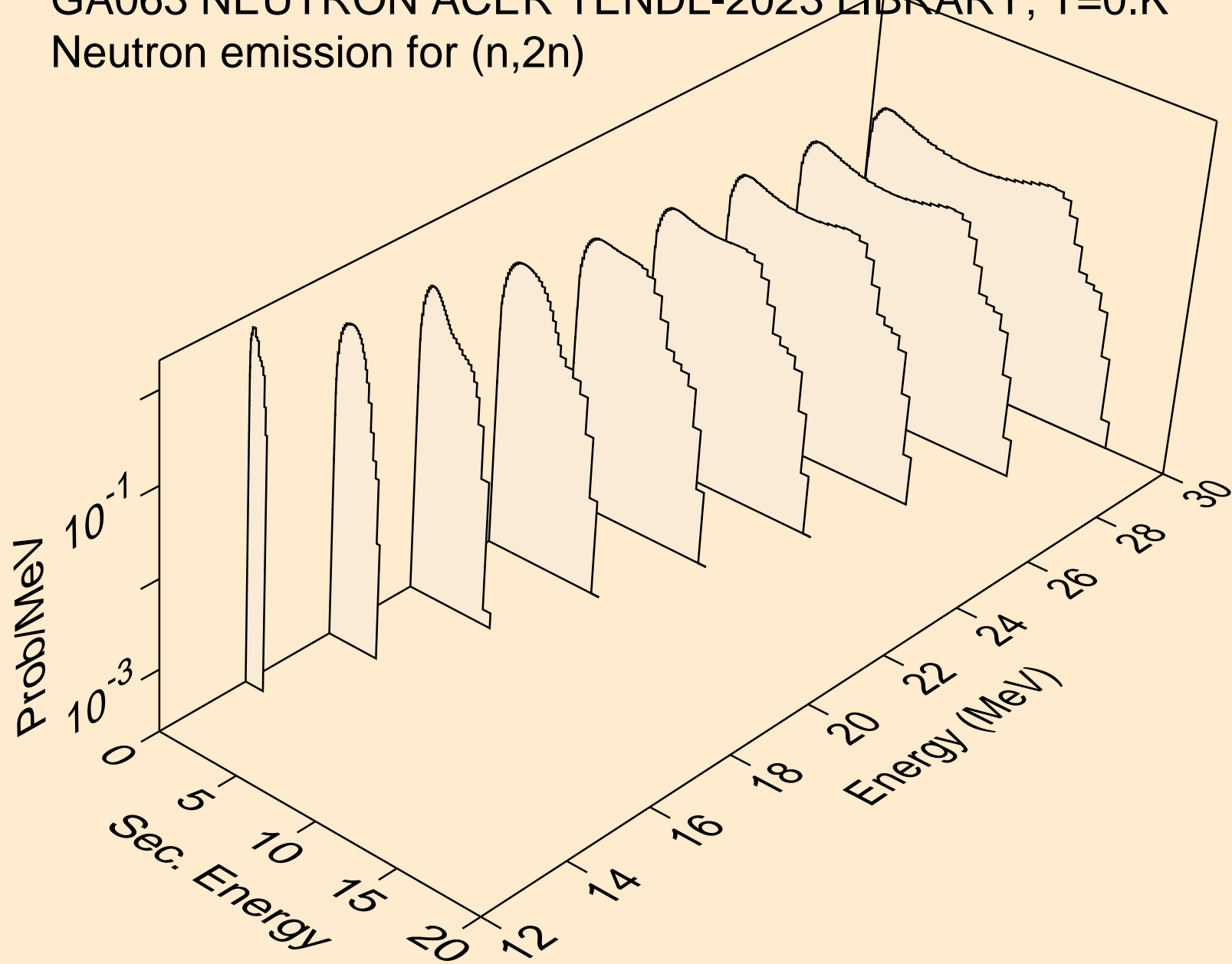


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

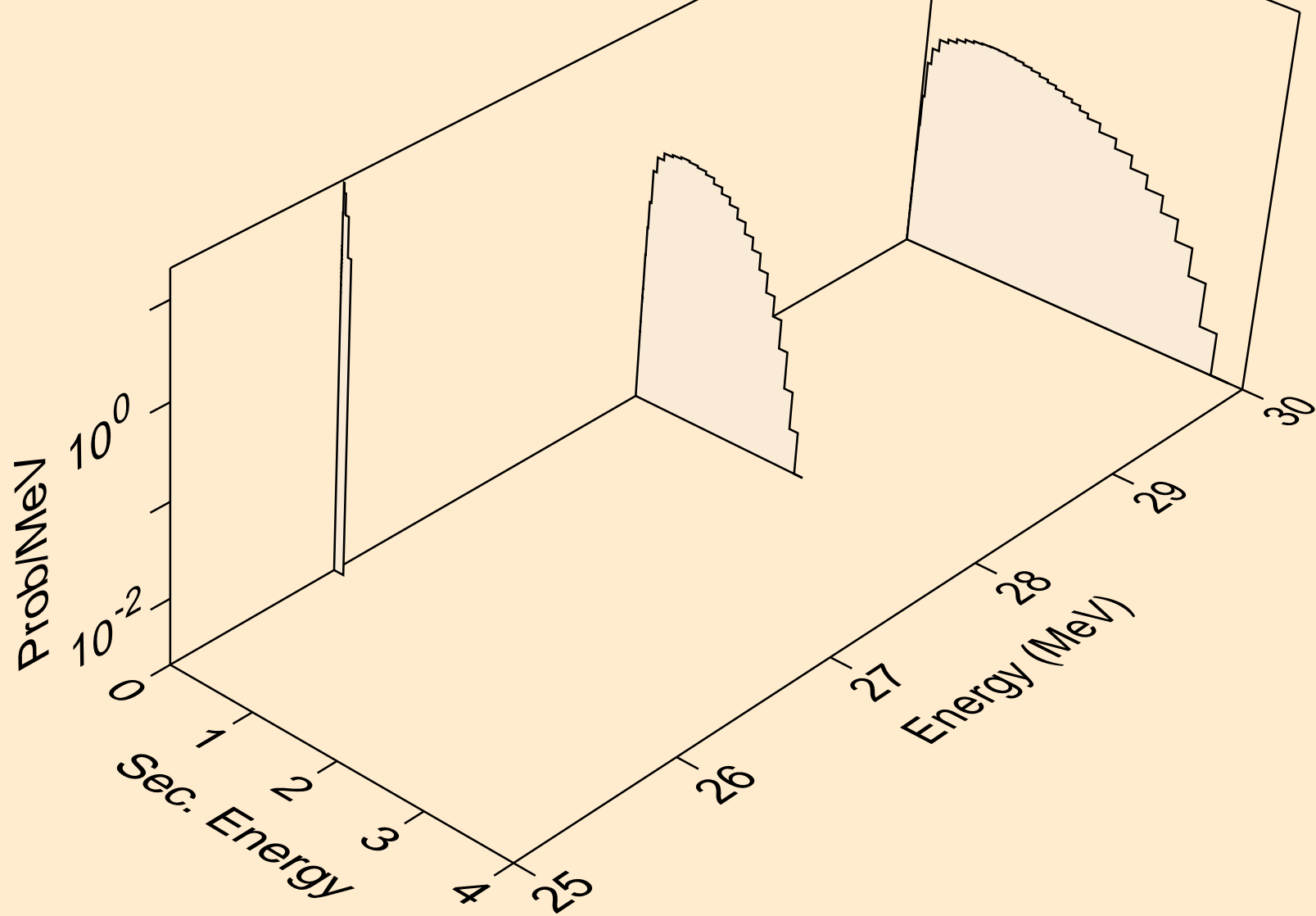




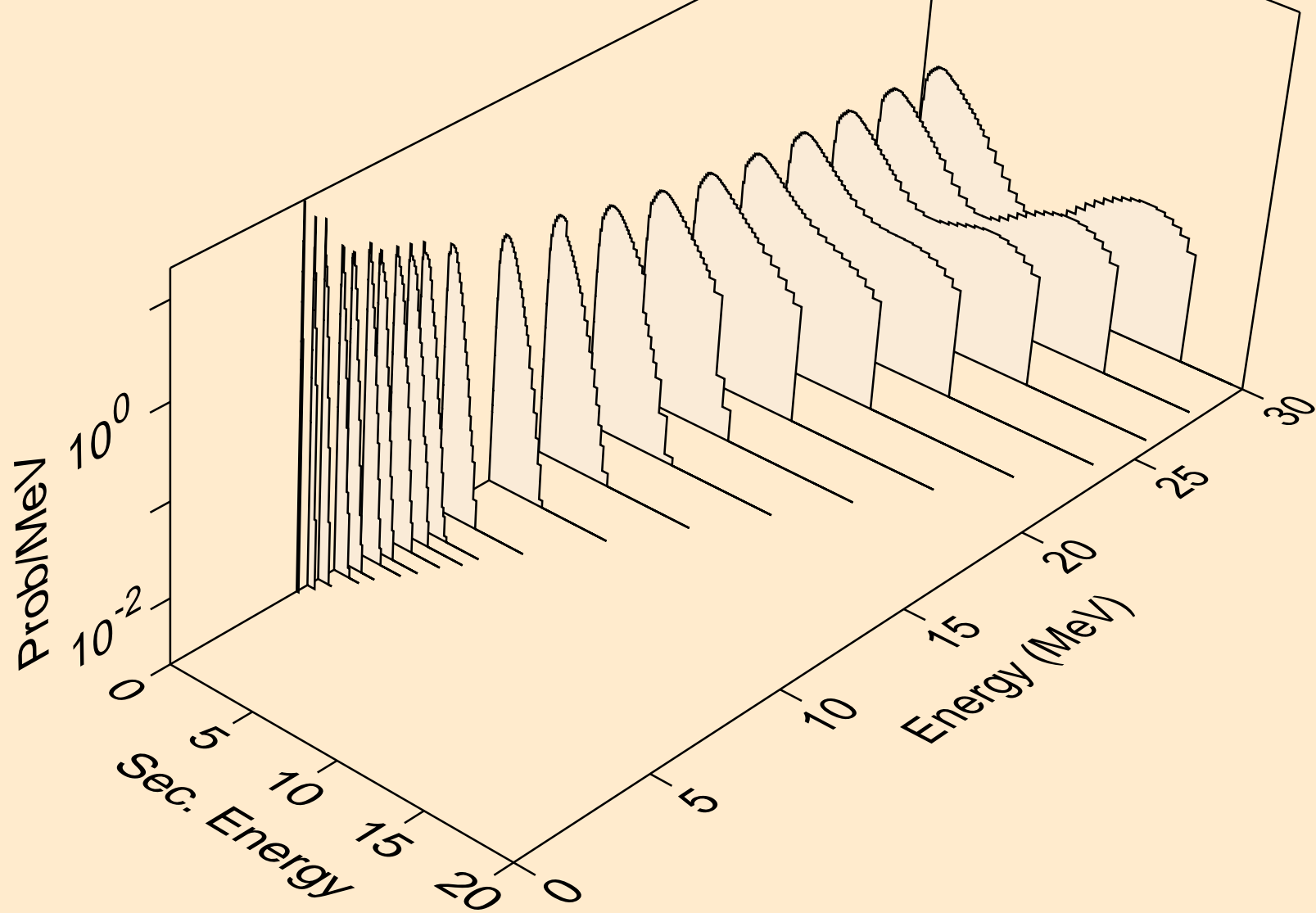
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Neutron emission for (n,2n)



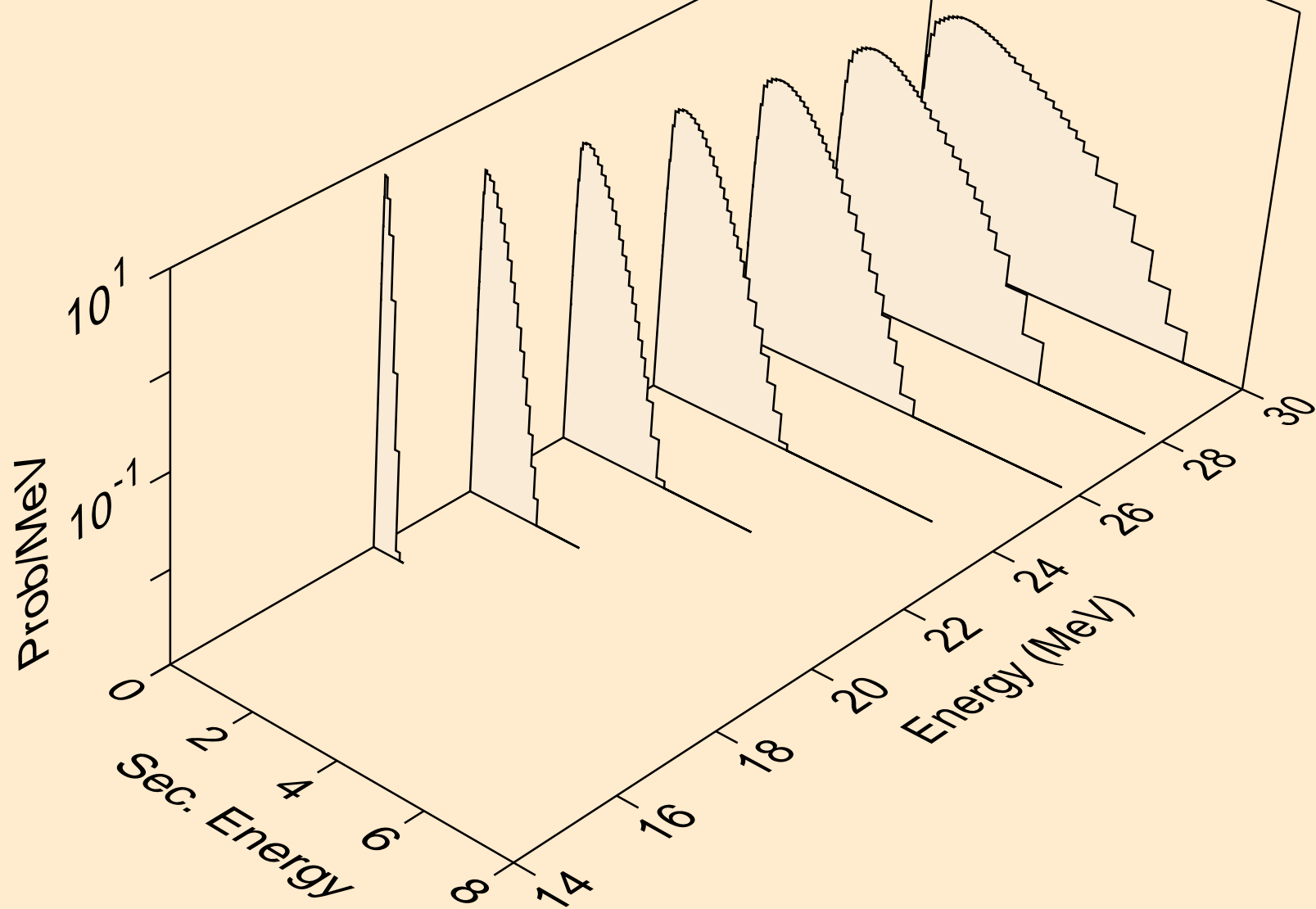
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Neutron emission for (n,3n)



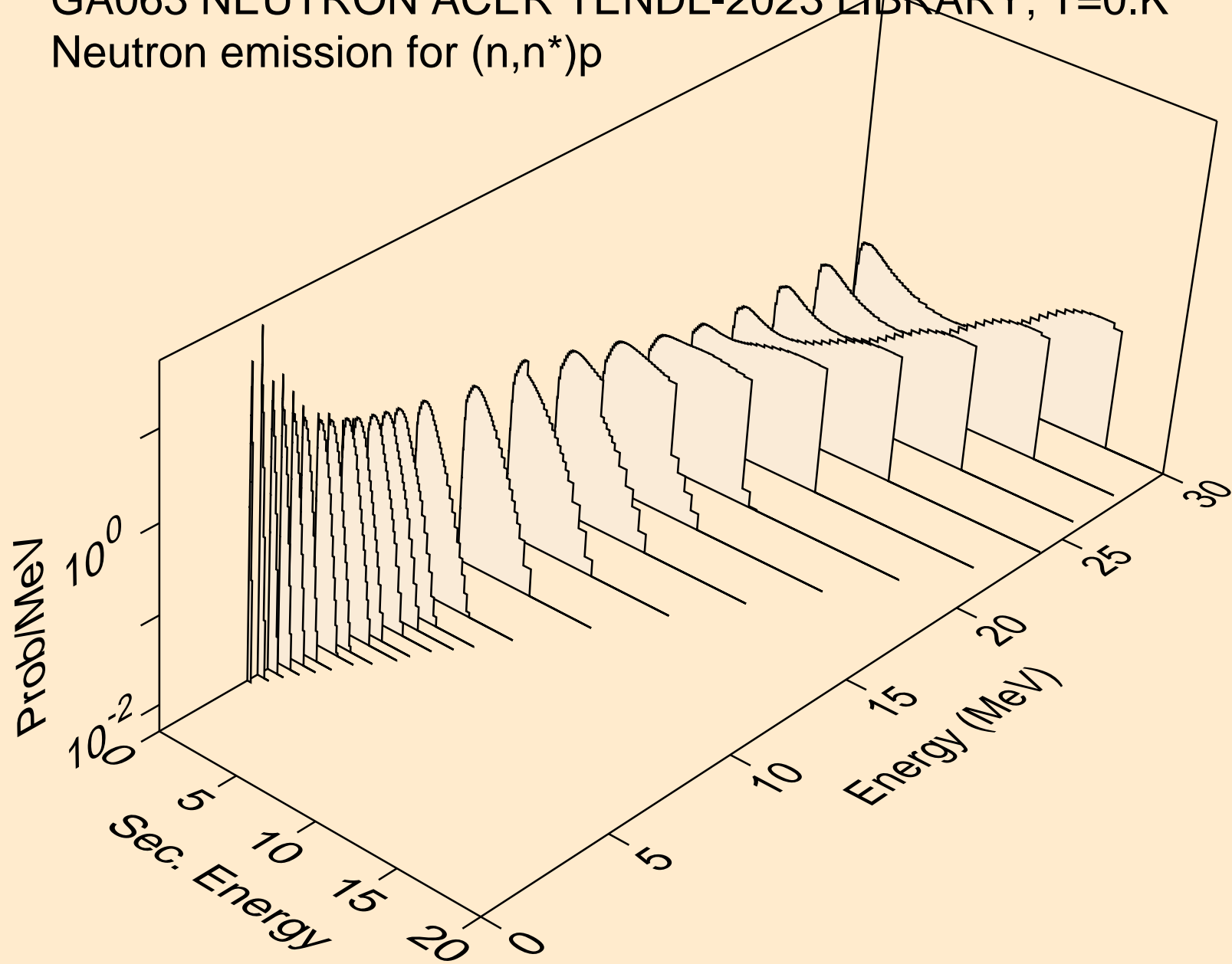
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



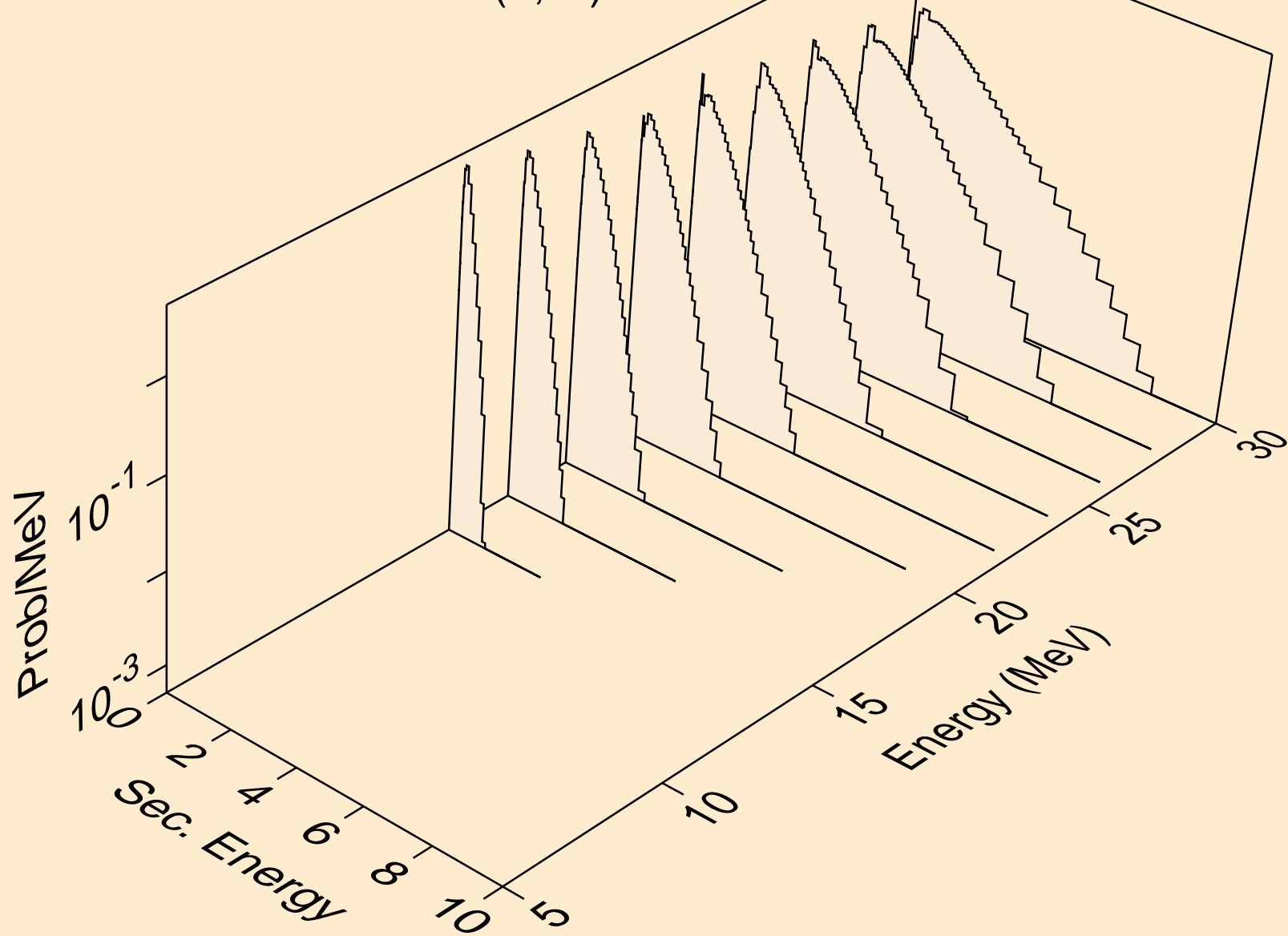
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Neutron emission for (n,2n)a



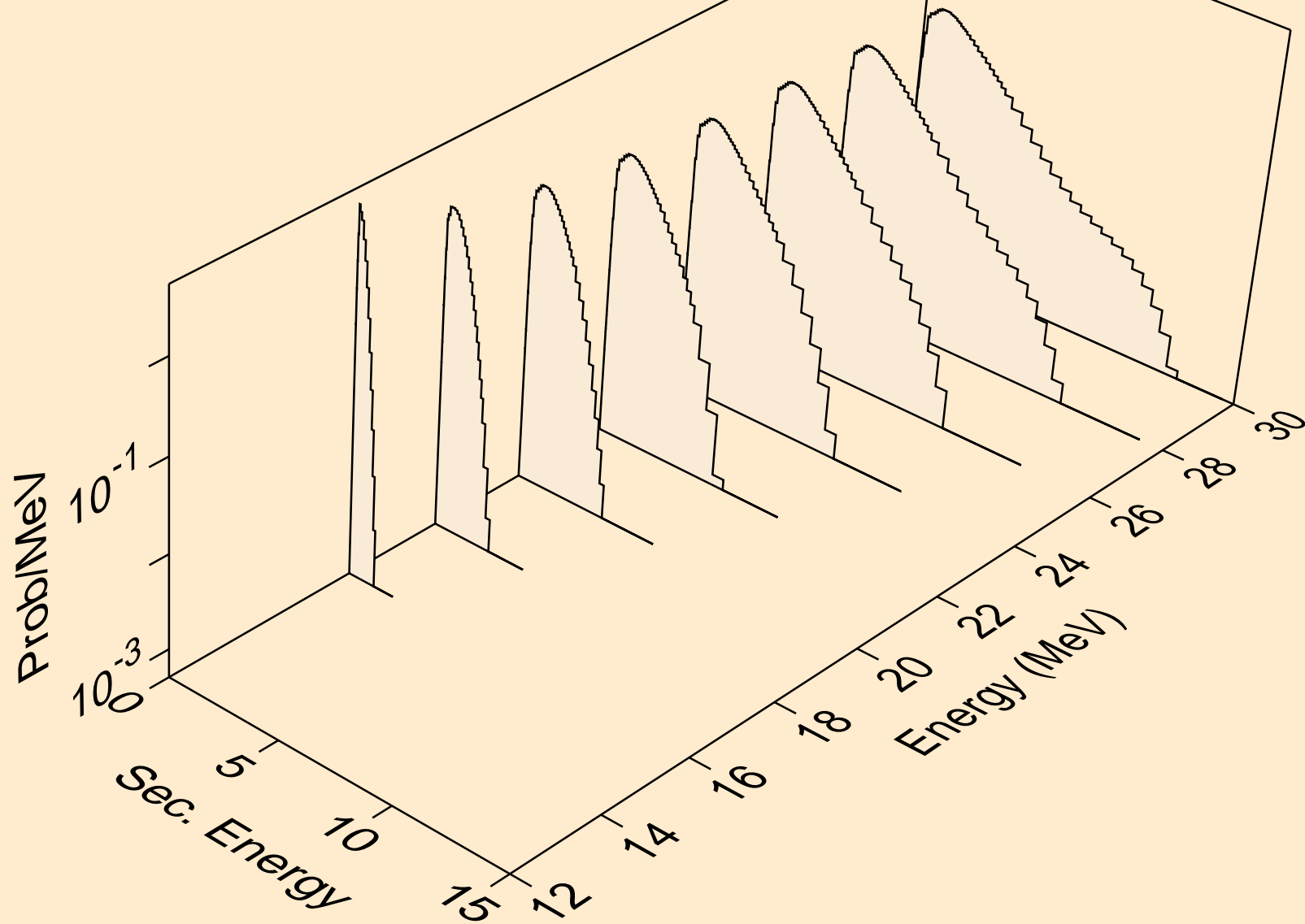
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Neutron emission for (n,n\*)p



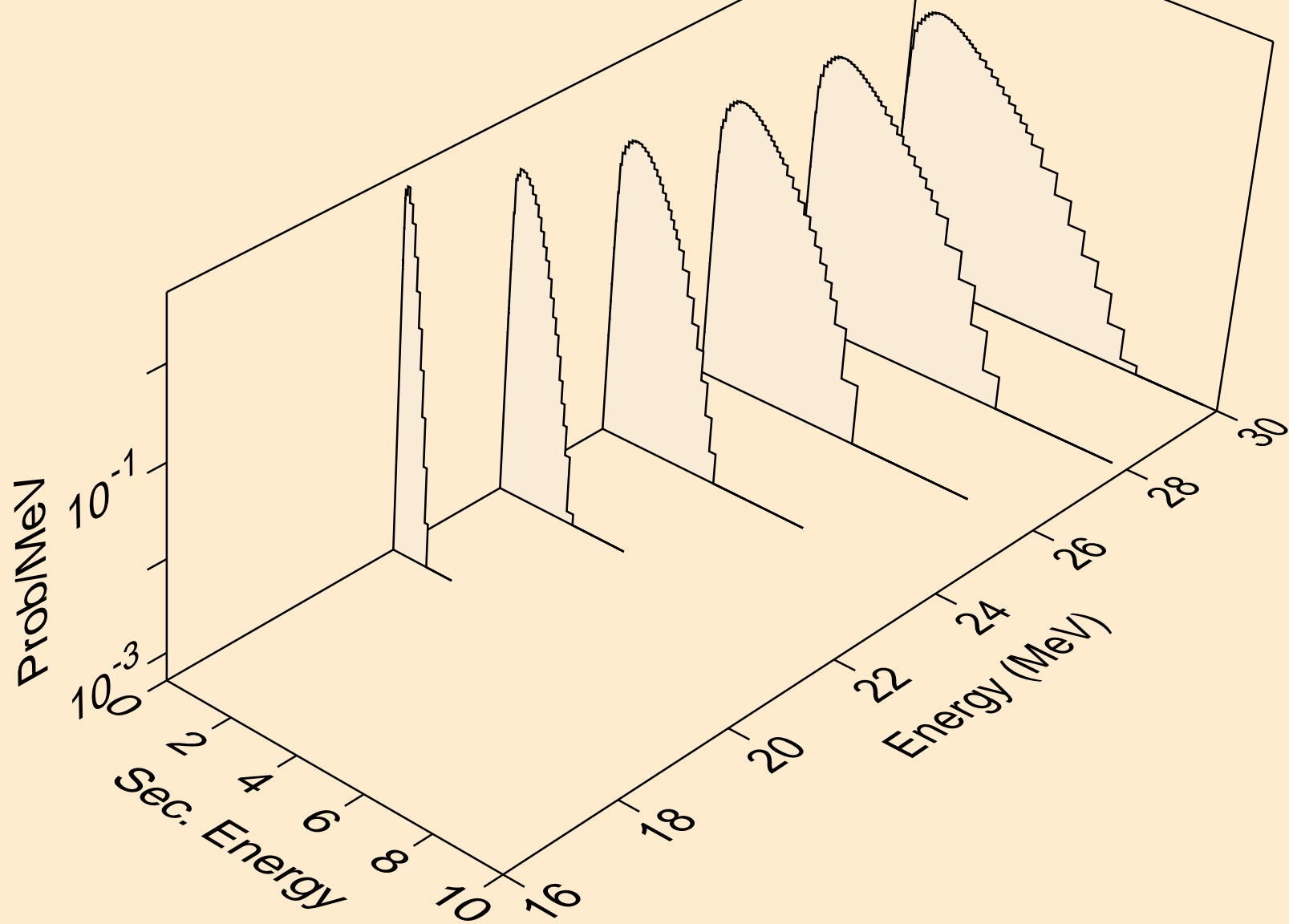
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

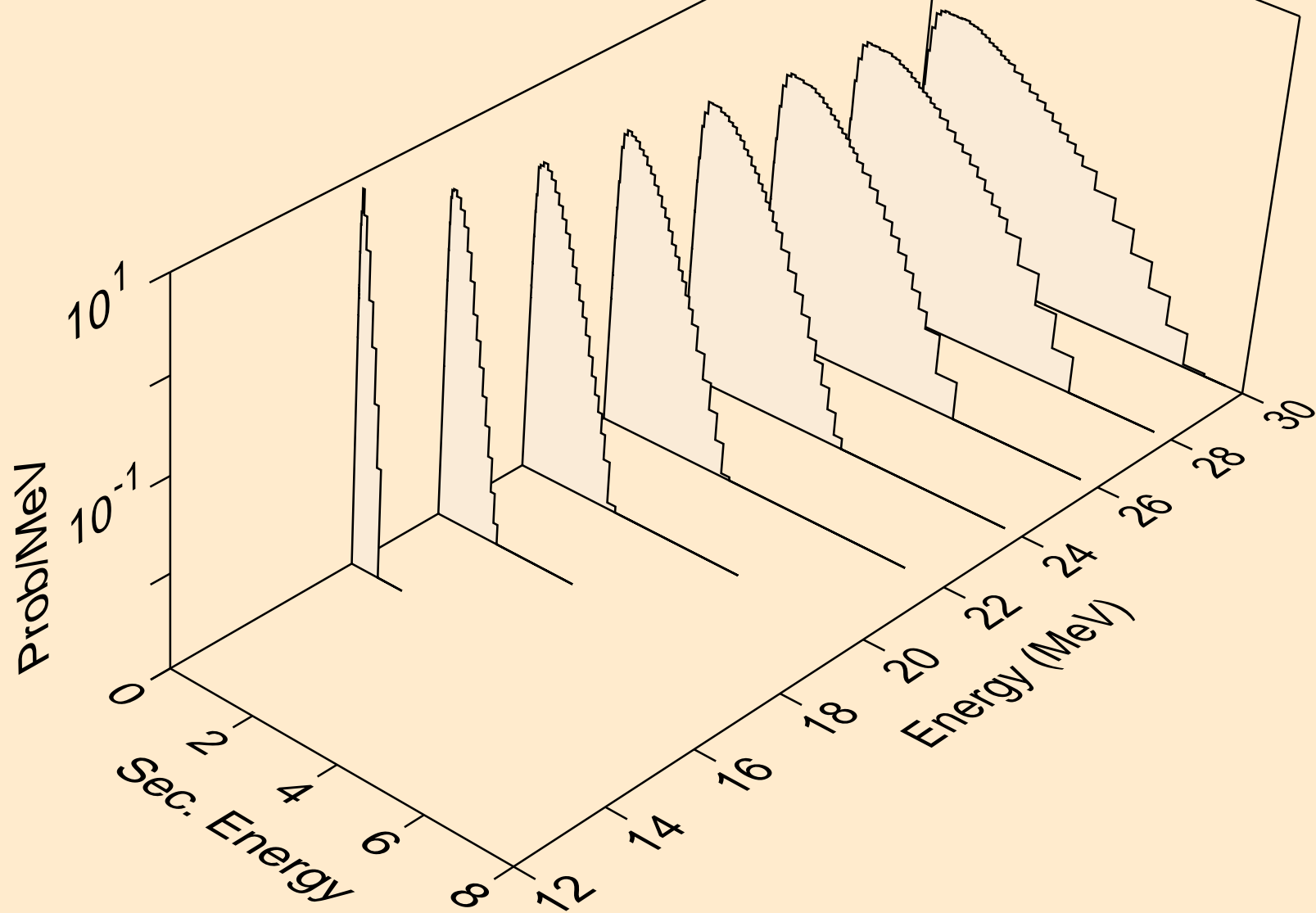


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

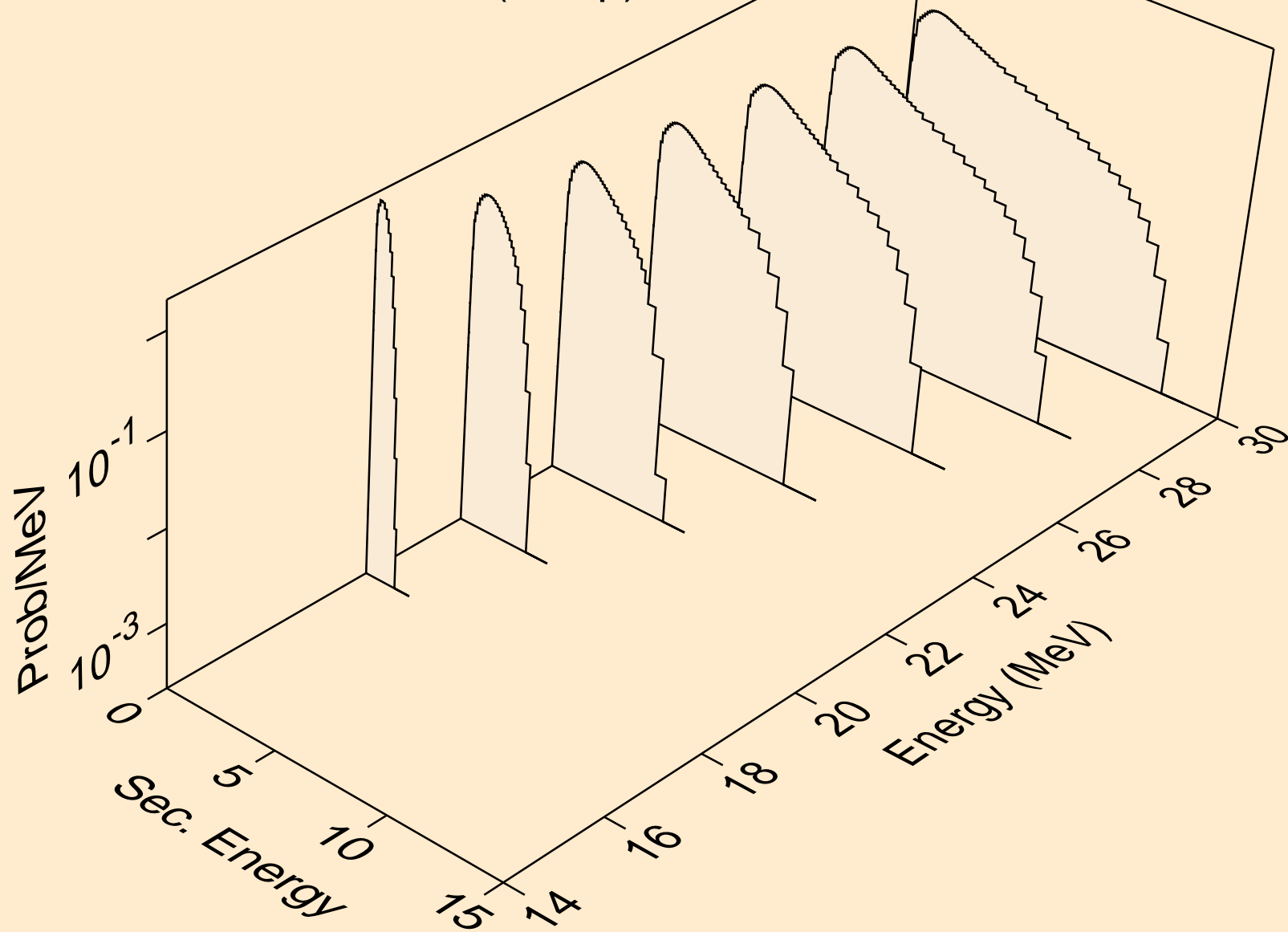




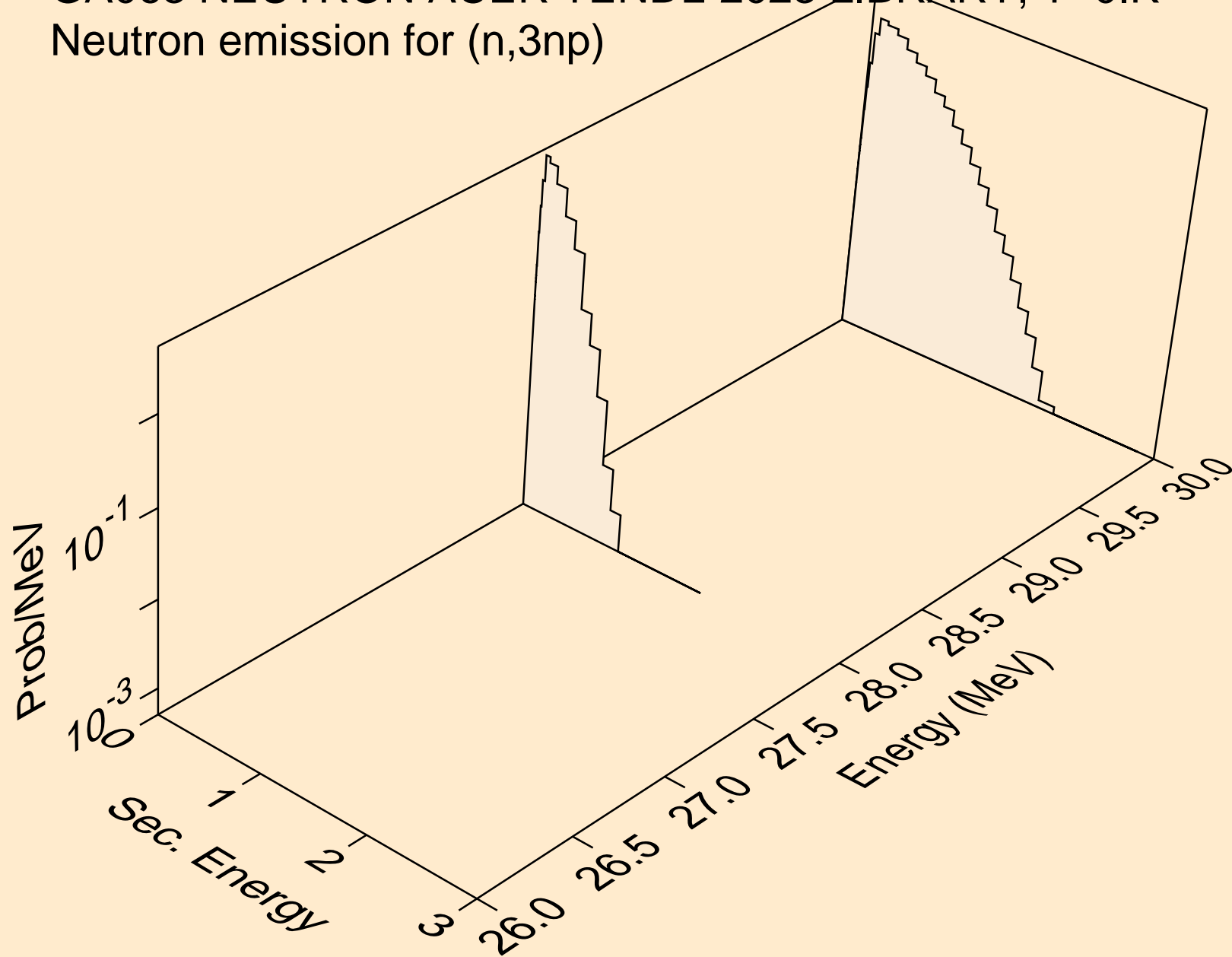
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



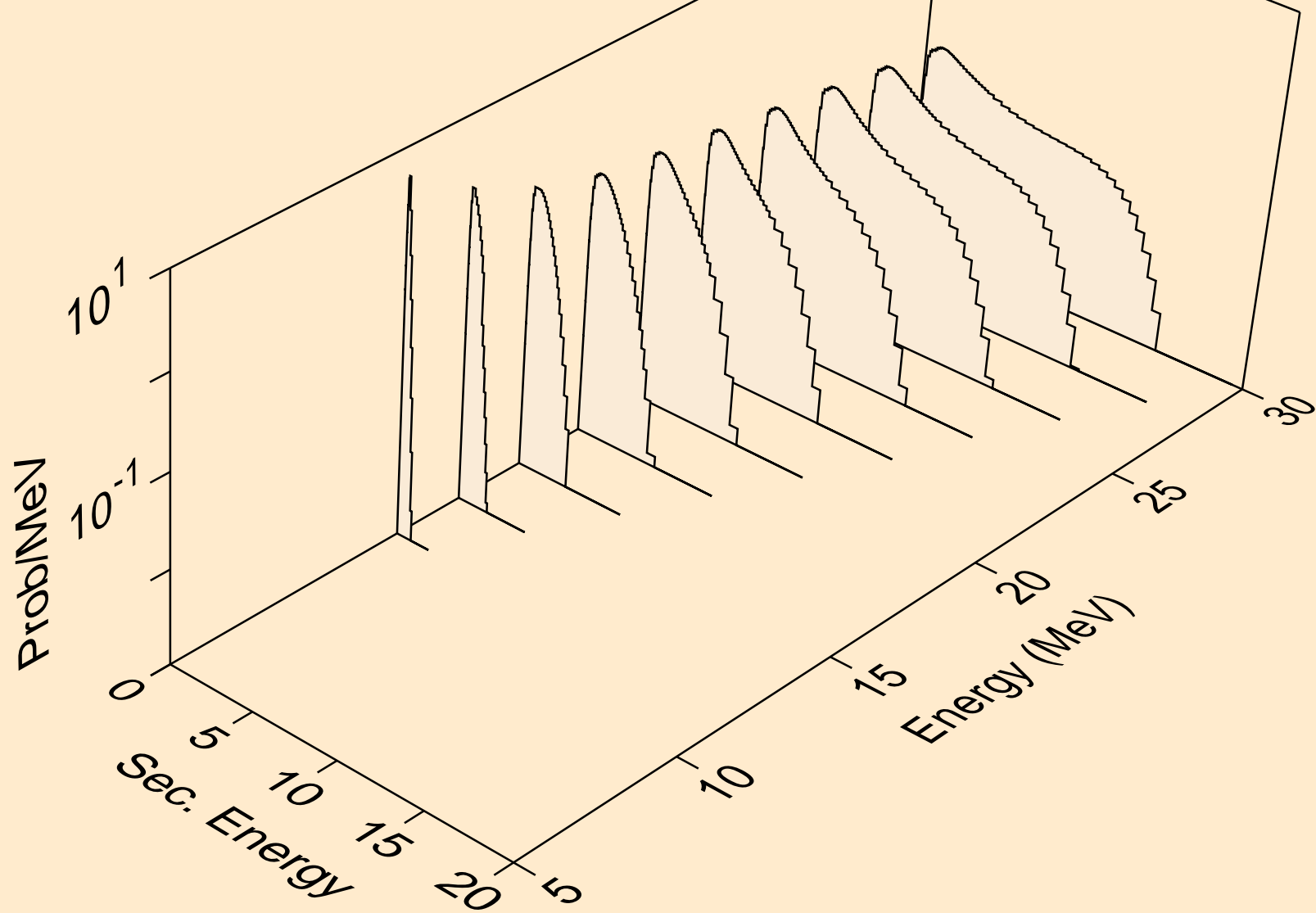
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Neutron emission for (n,2np)



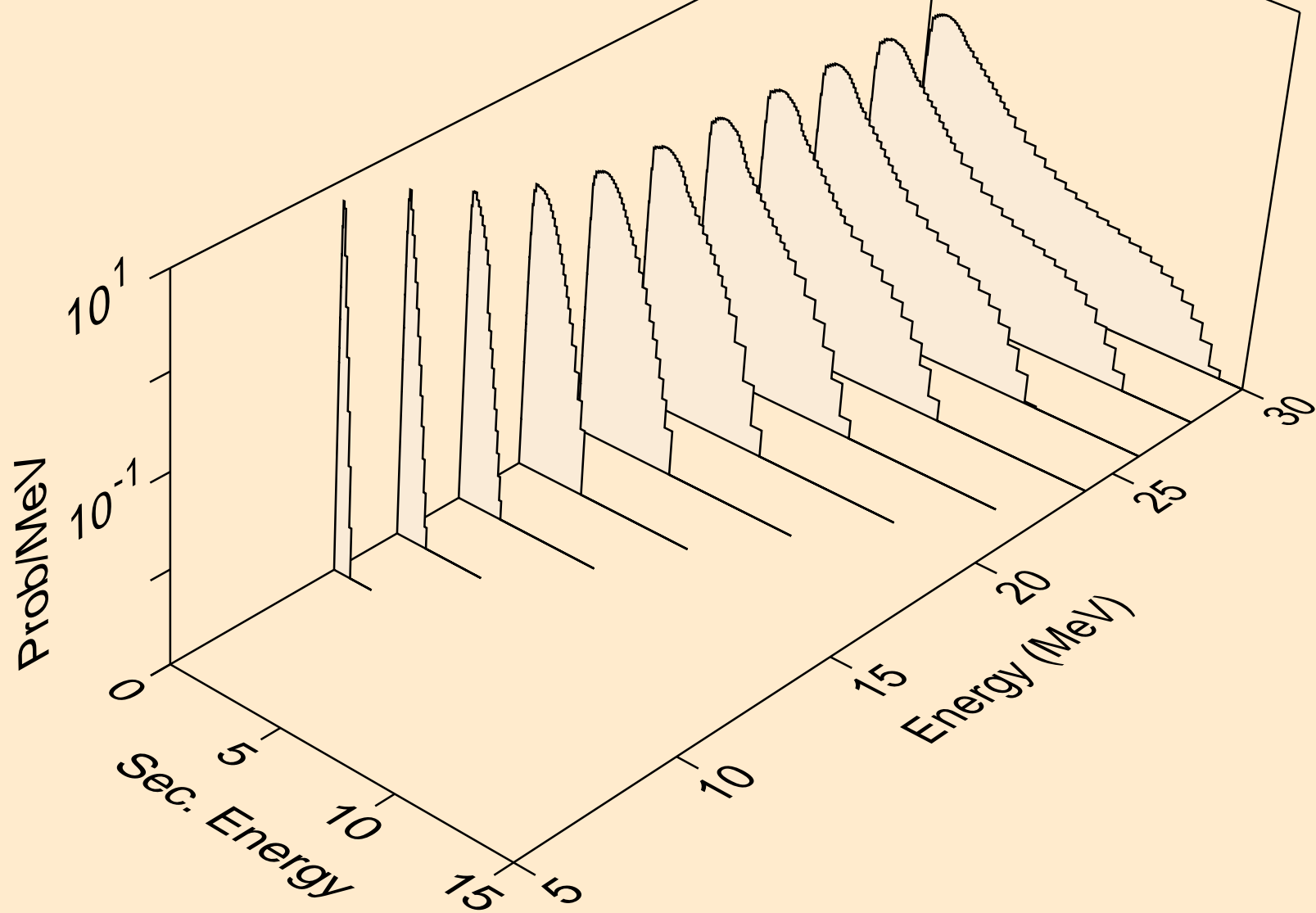
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Neutron emission for (n,3np)



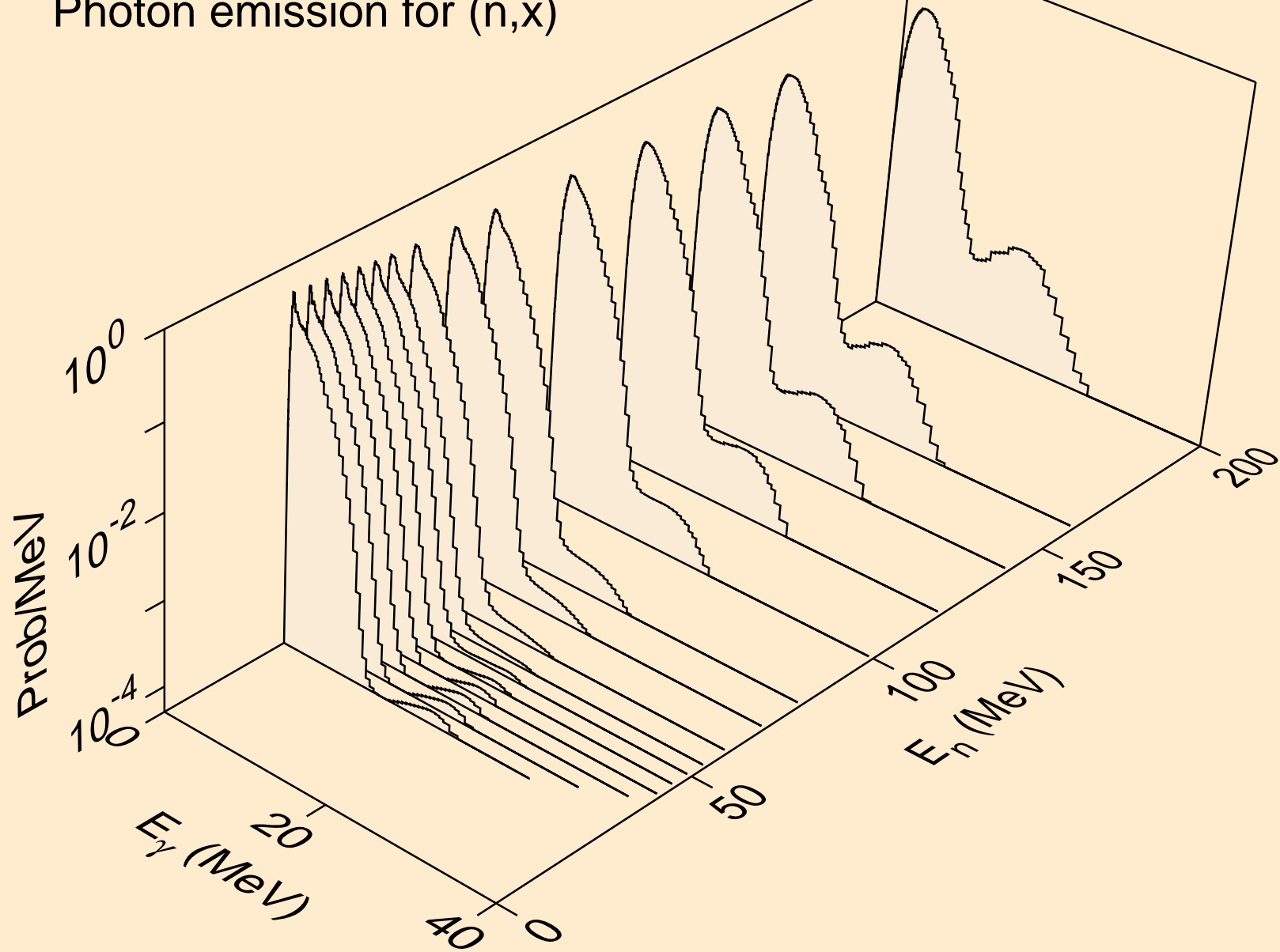
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Neutron emission for (n,n2p)



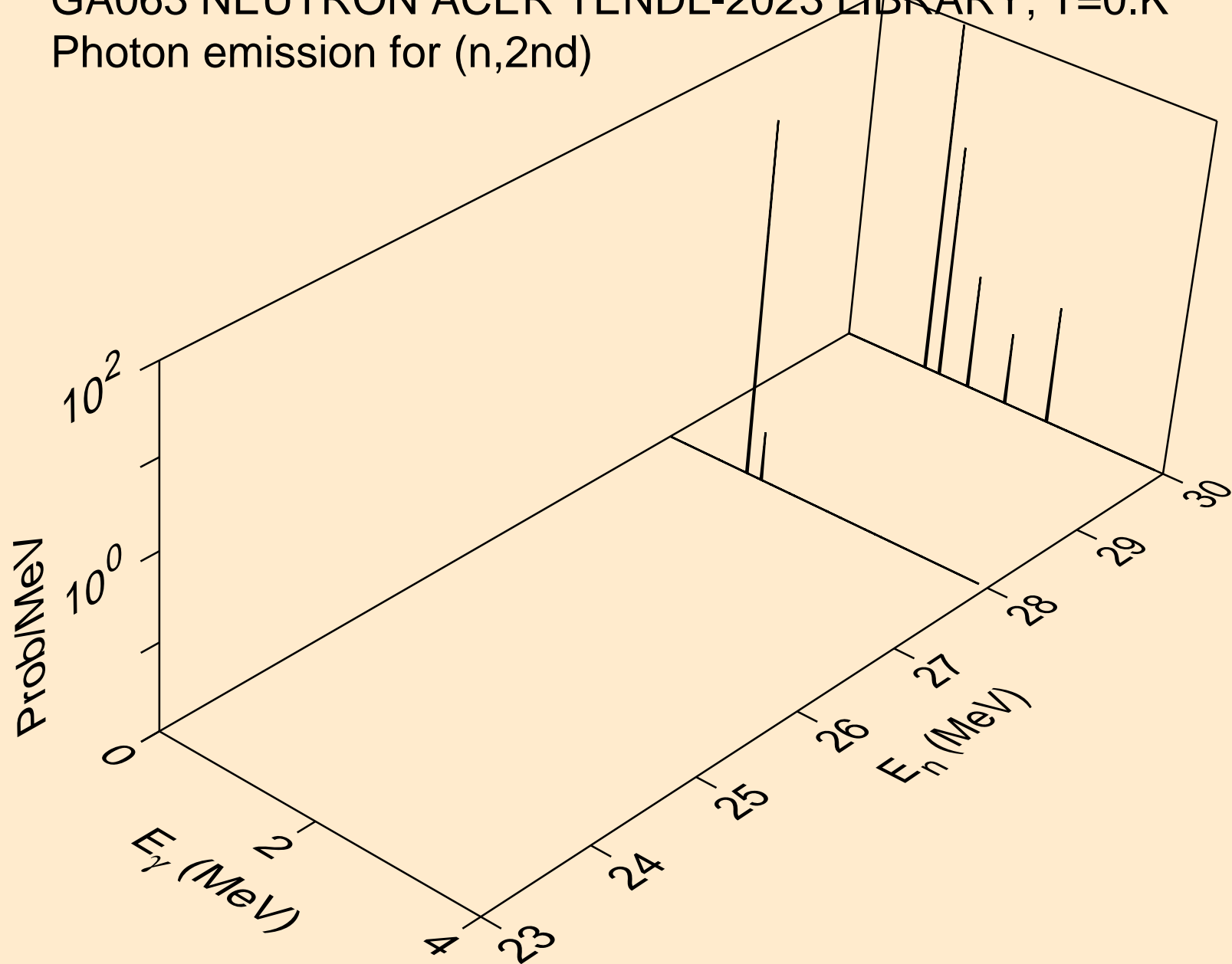
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Neutron emission for (n,npa)



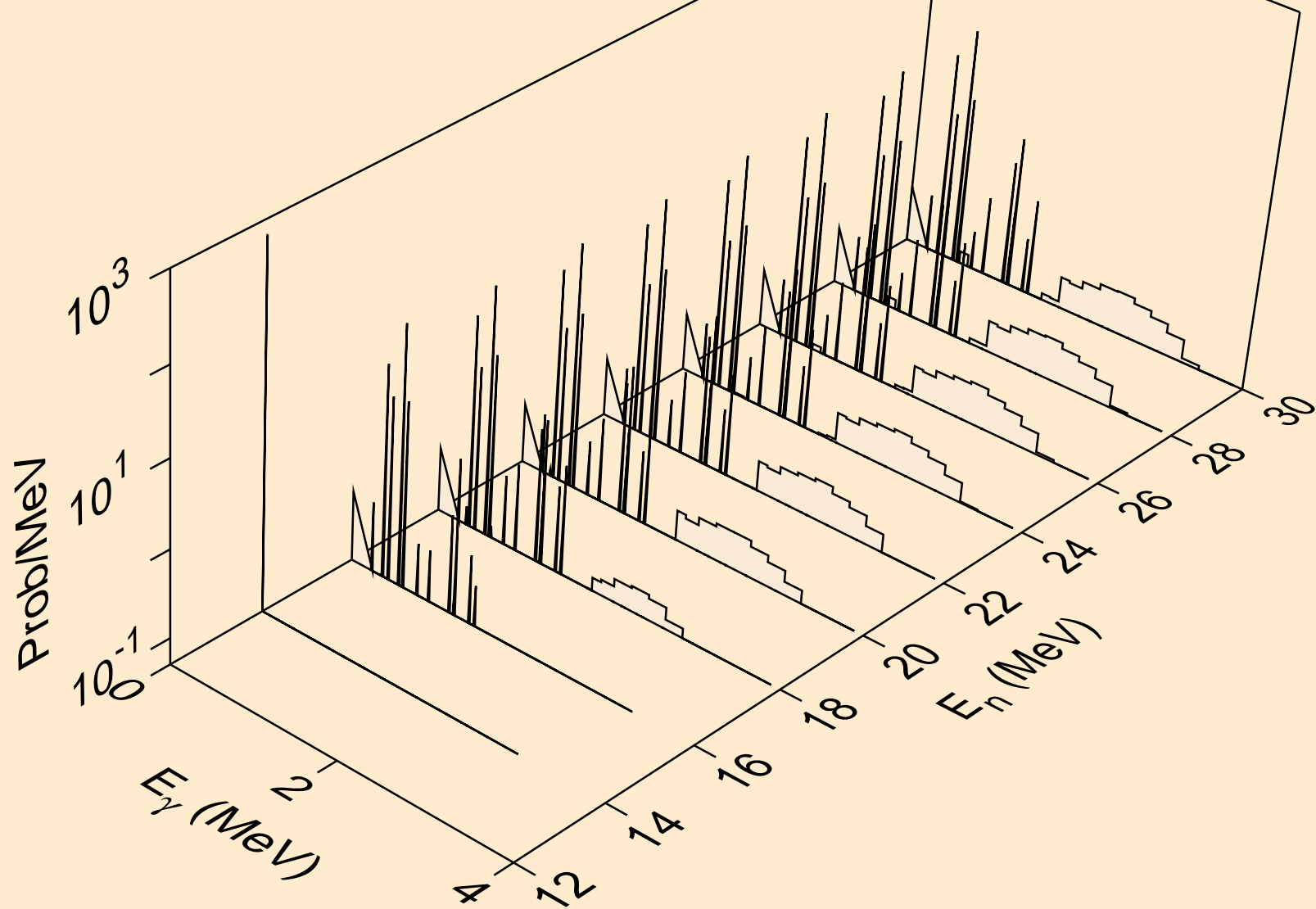
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

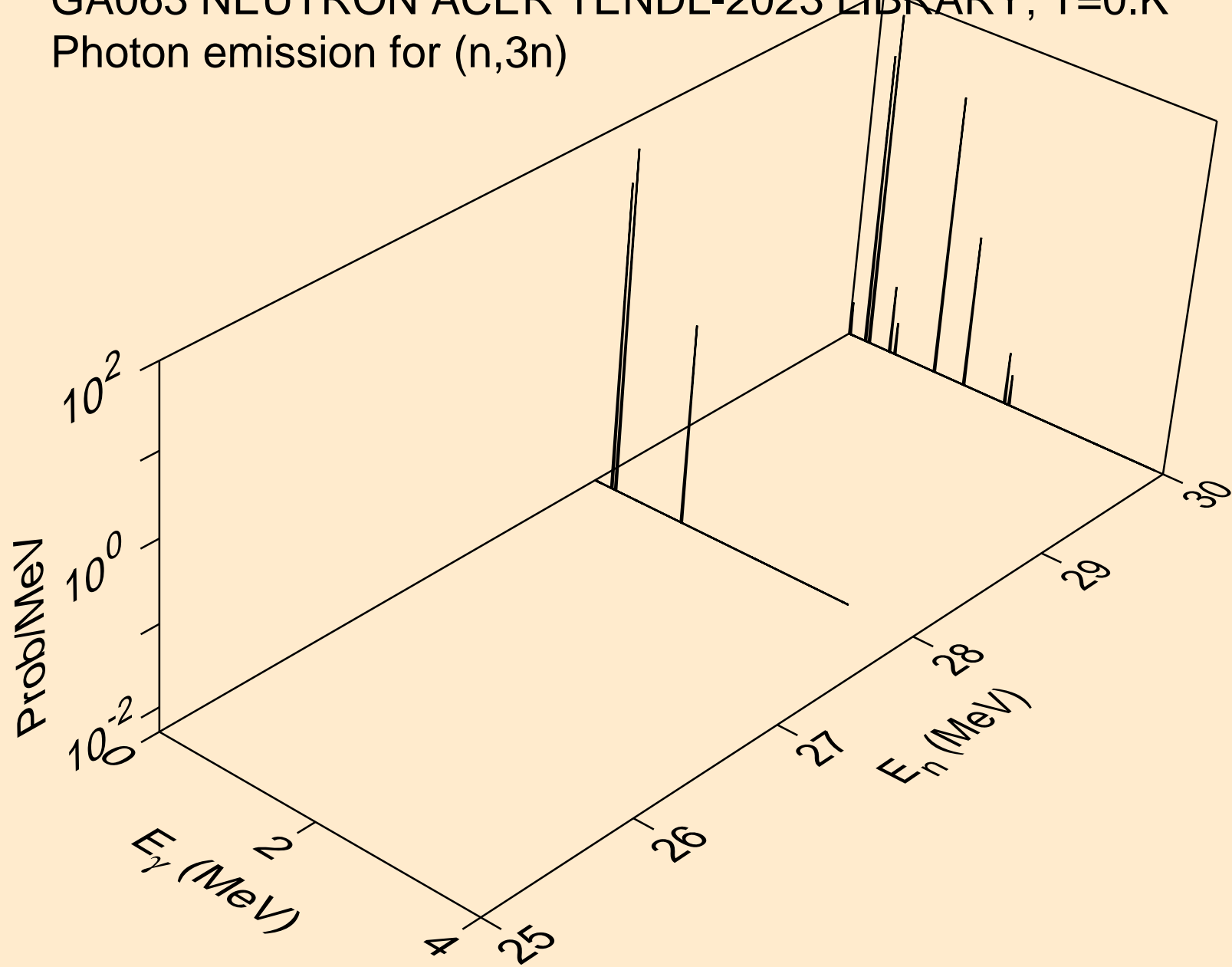


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Photon emission for (n,2n)

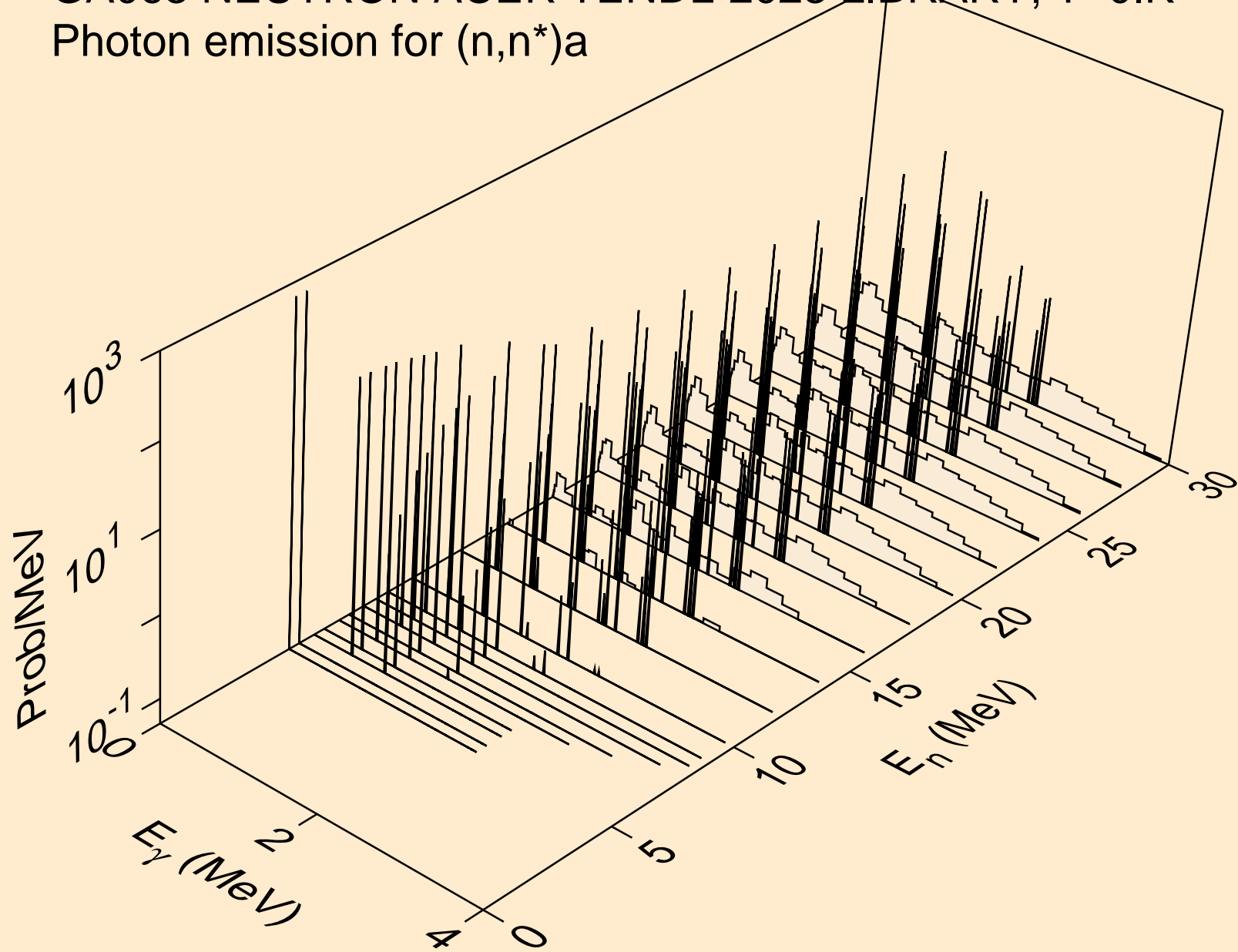




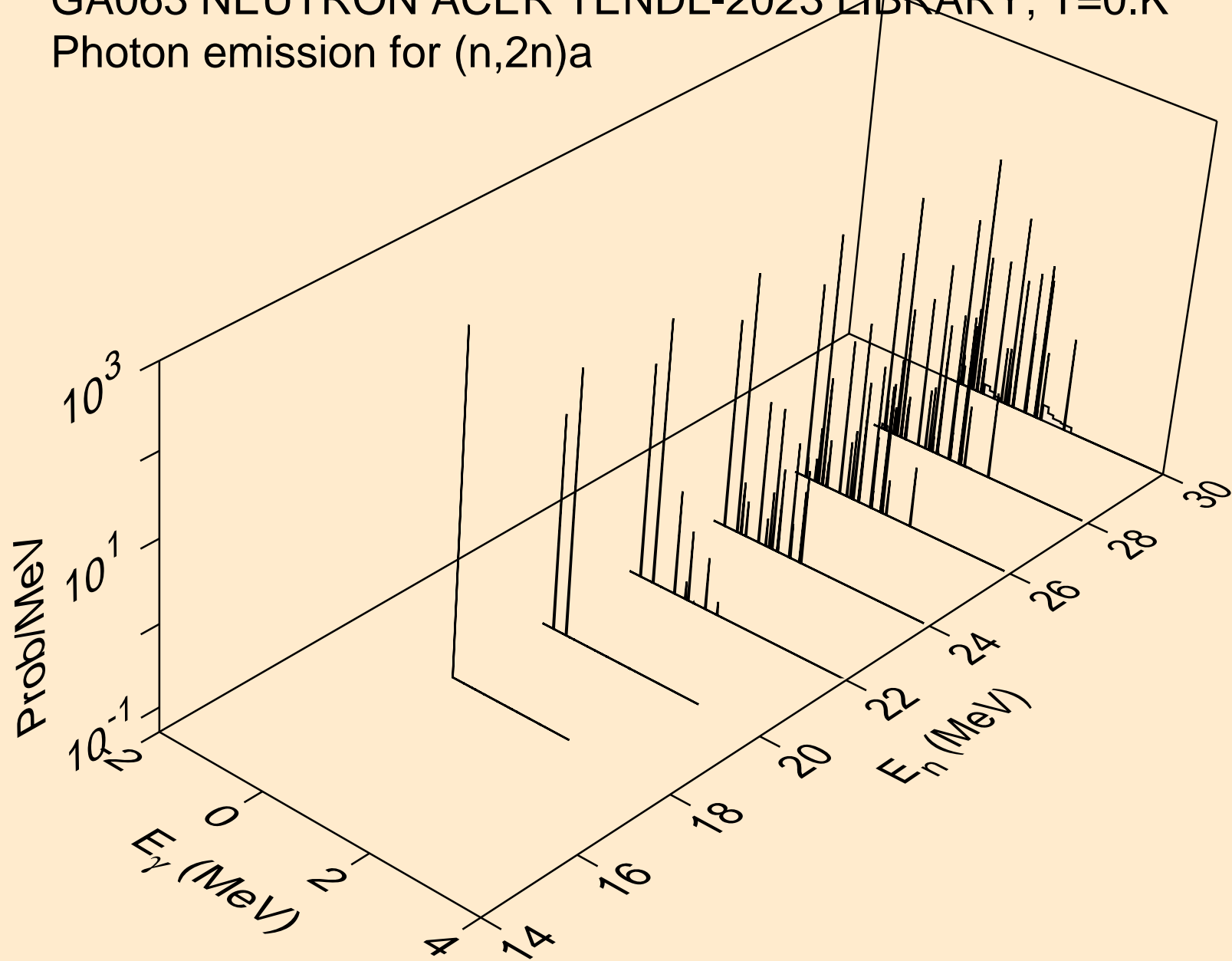
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Photon emission for (n,3n)



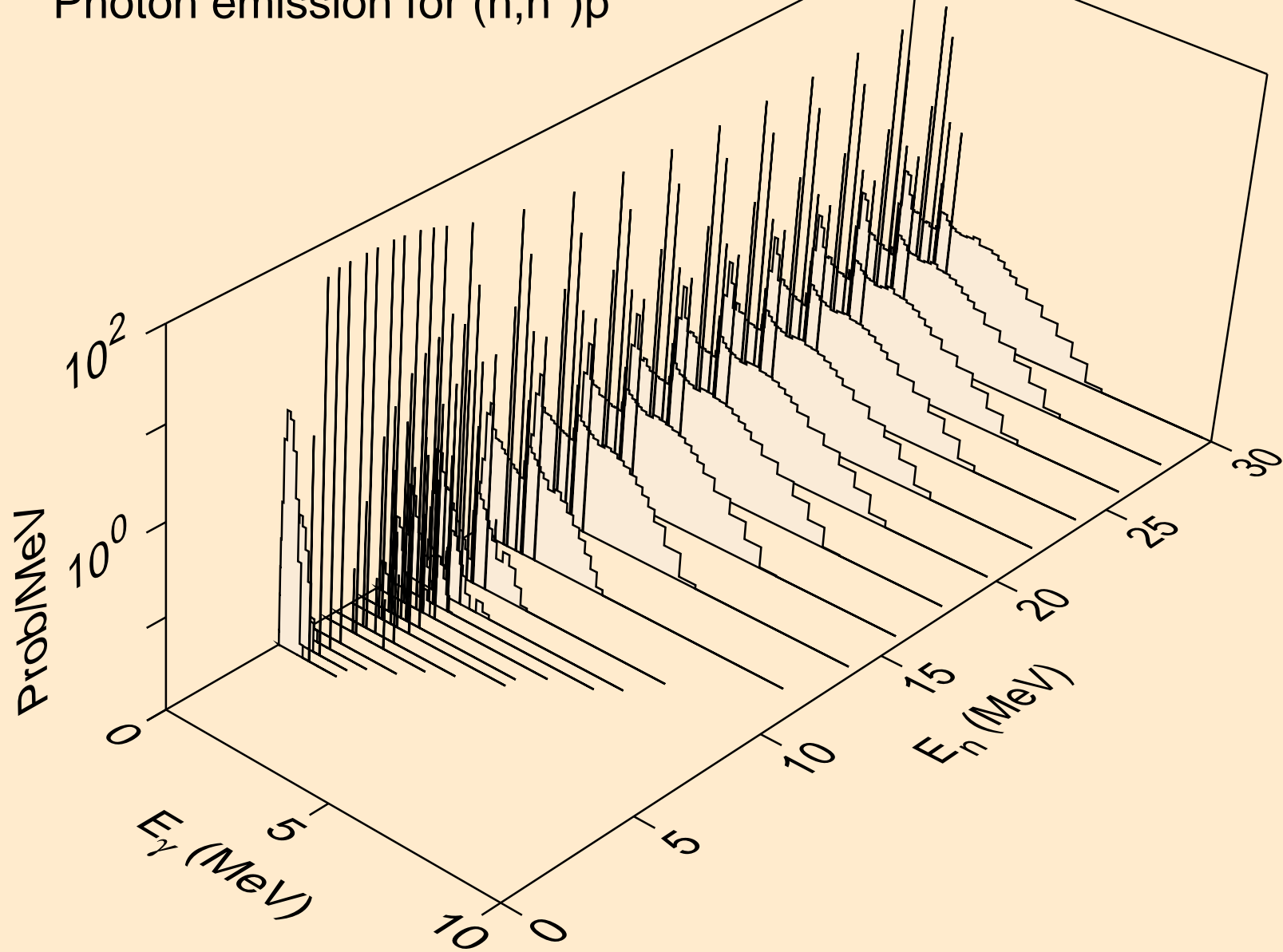
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Photon emission for (n,n\*)a



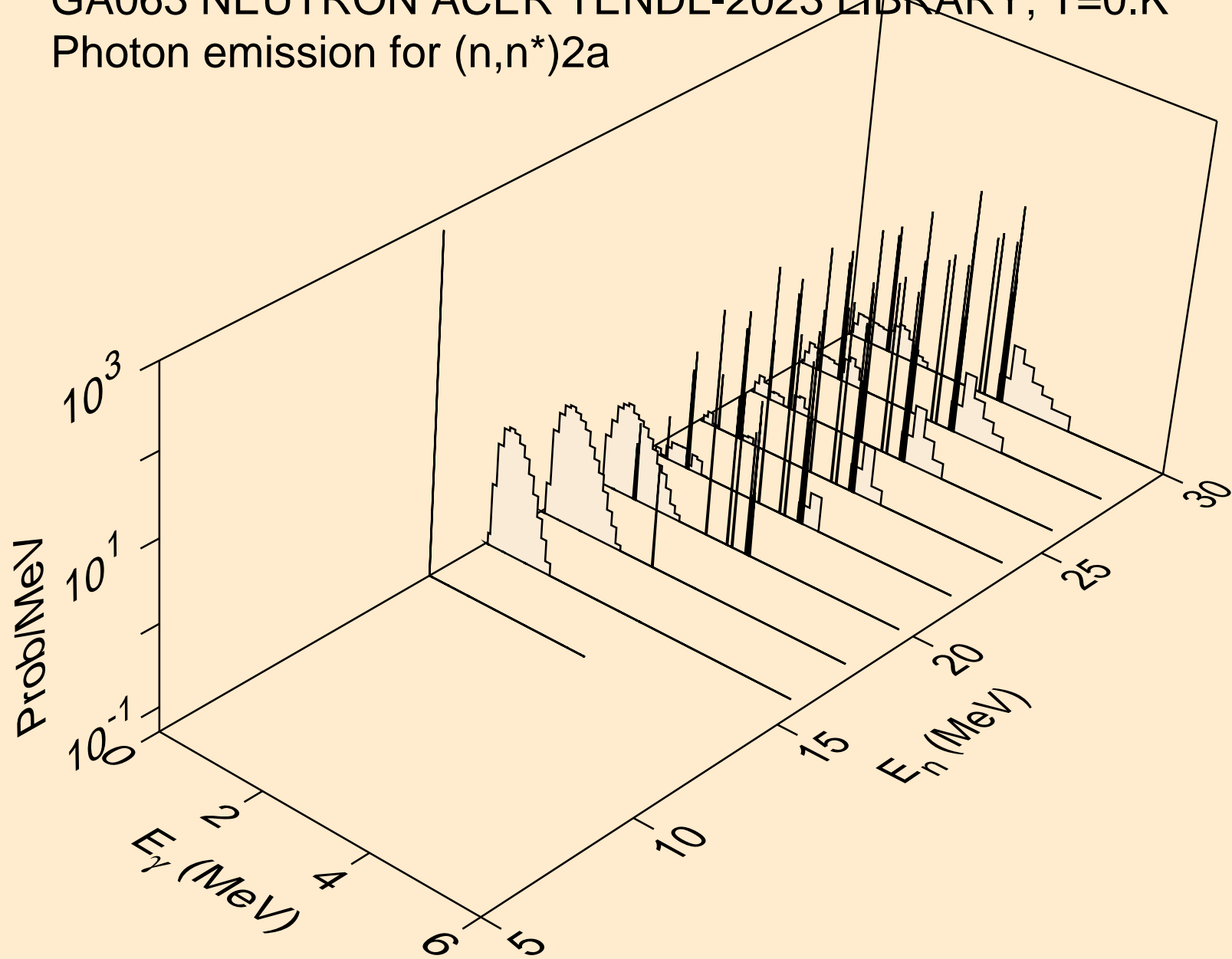
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Photon emission for (n,2n)a



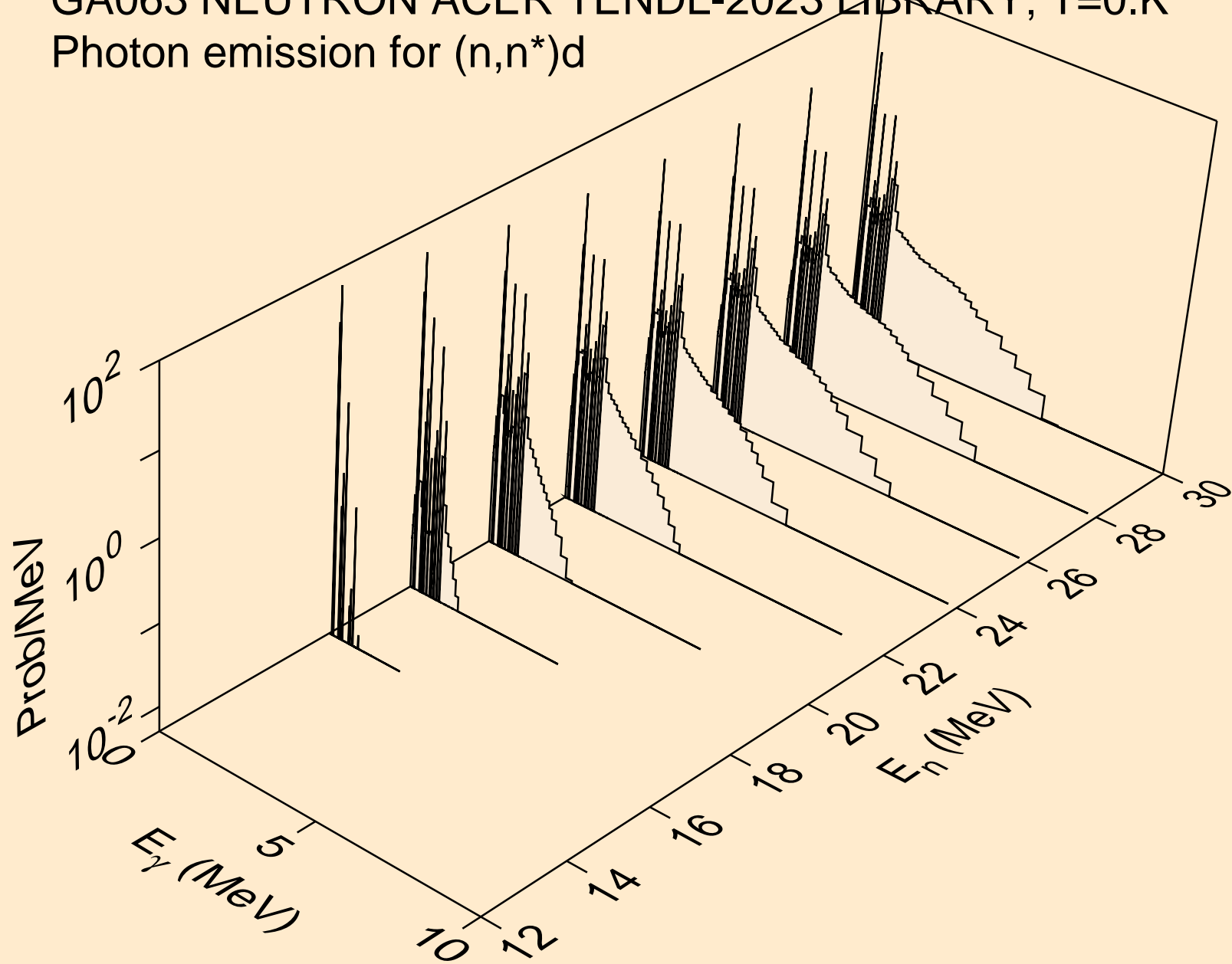
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Photon emission for (n,n\*)p



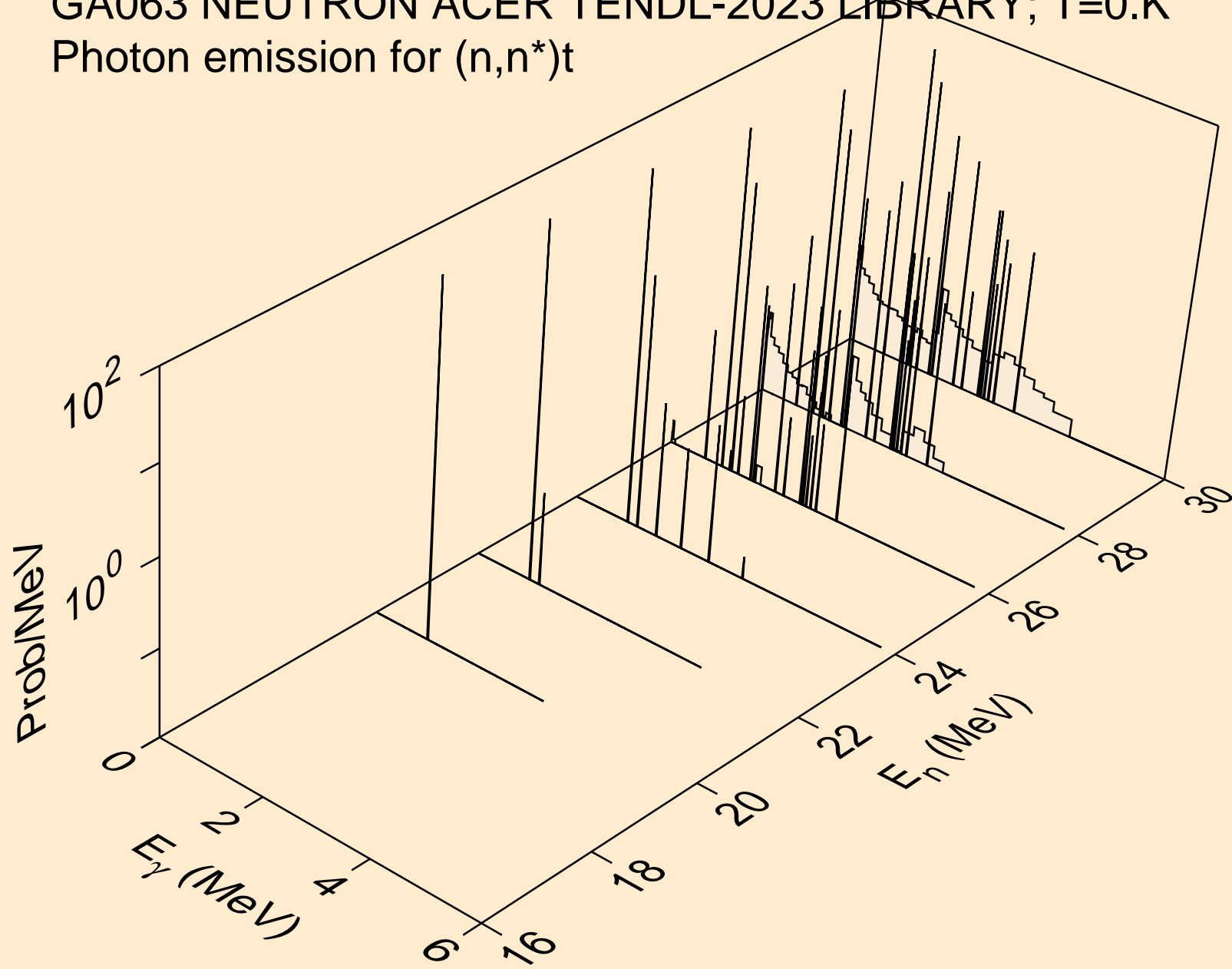
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Photon emission for (n,n\*)2a



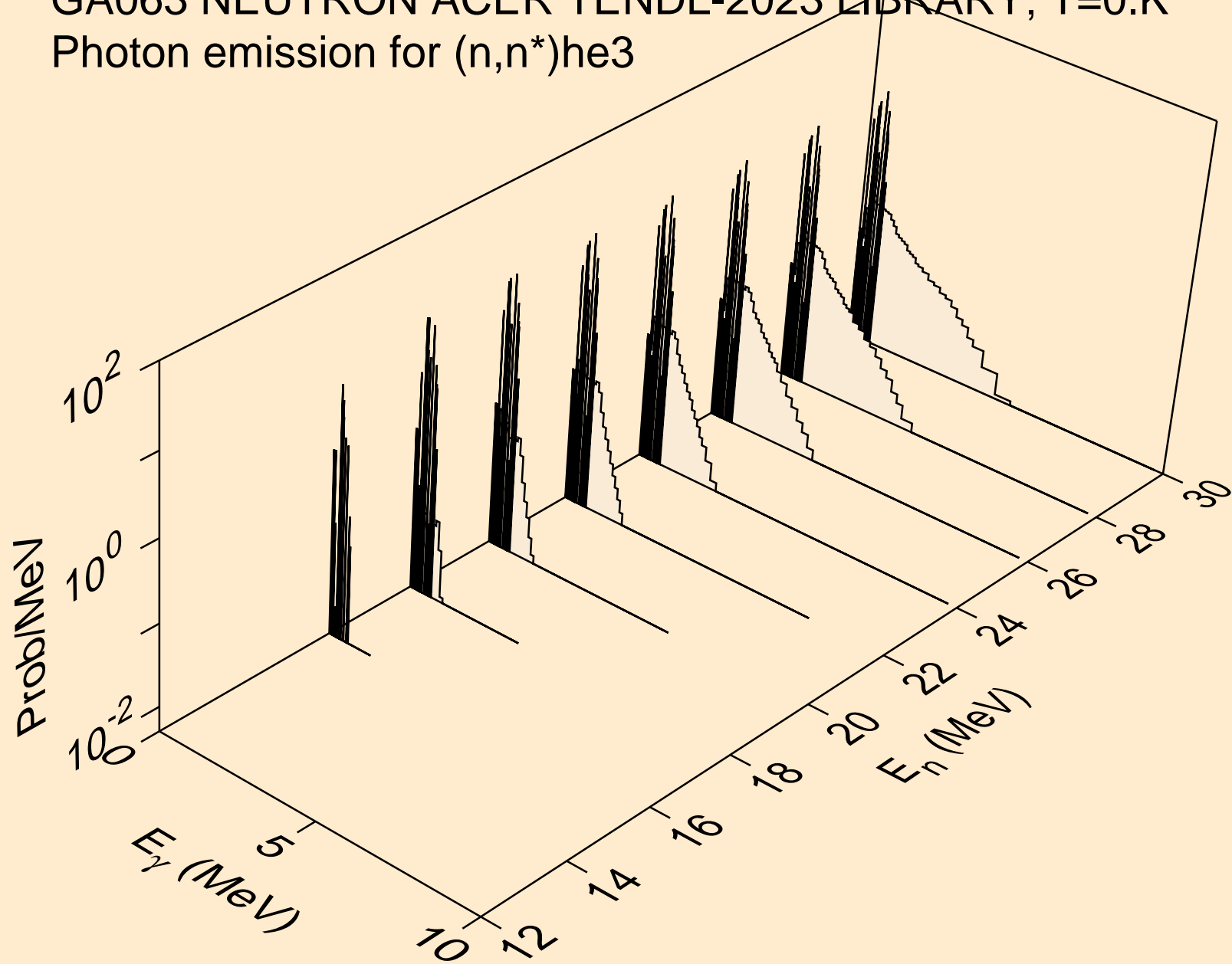
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

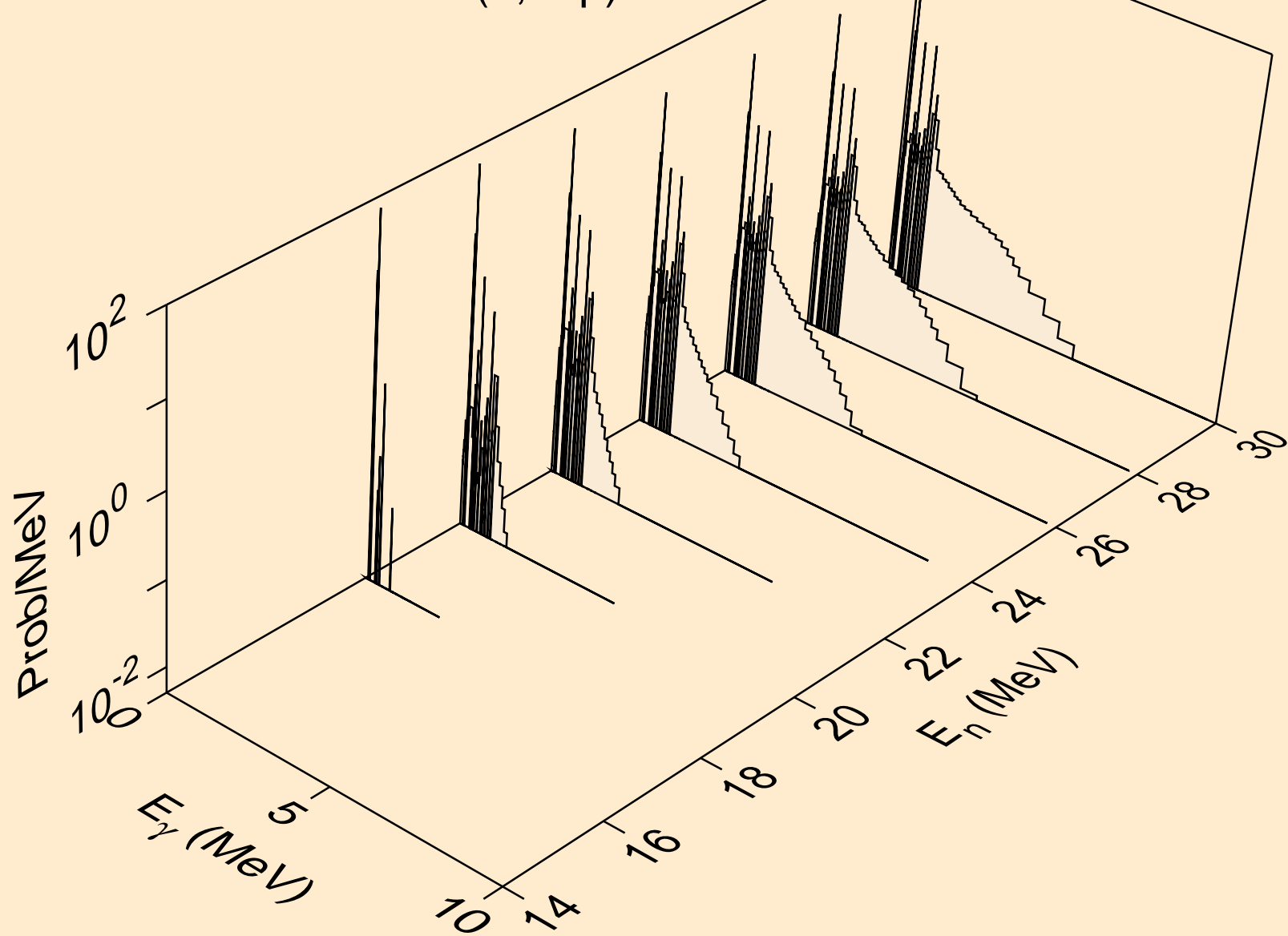


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

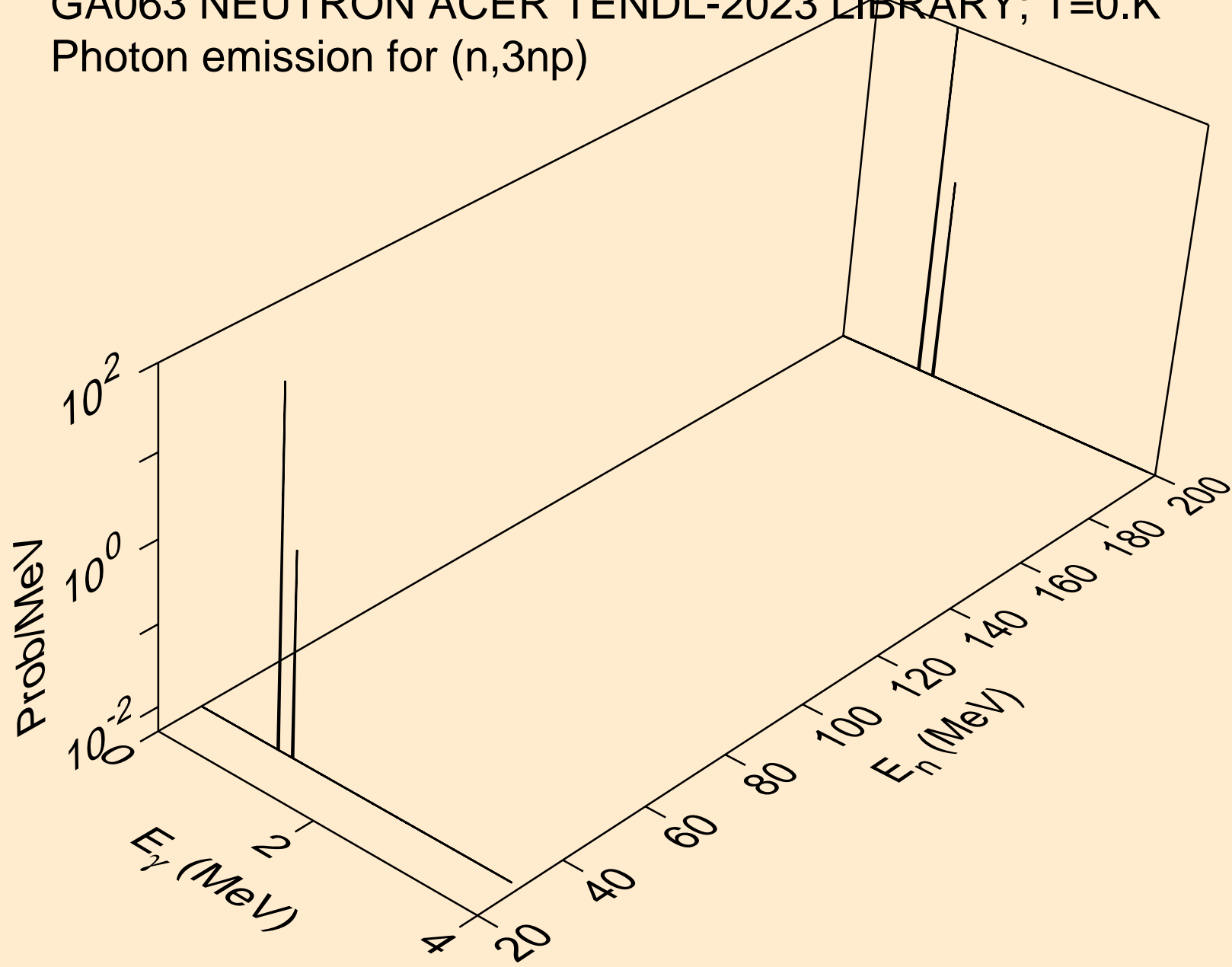




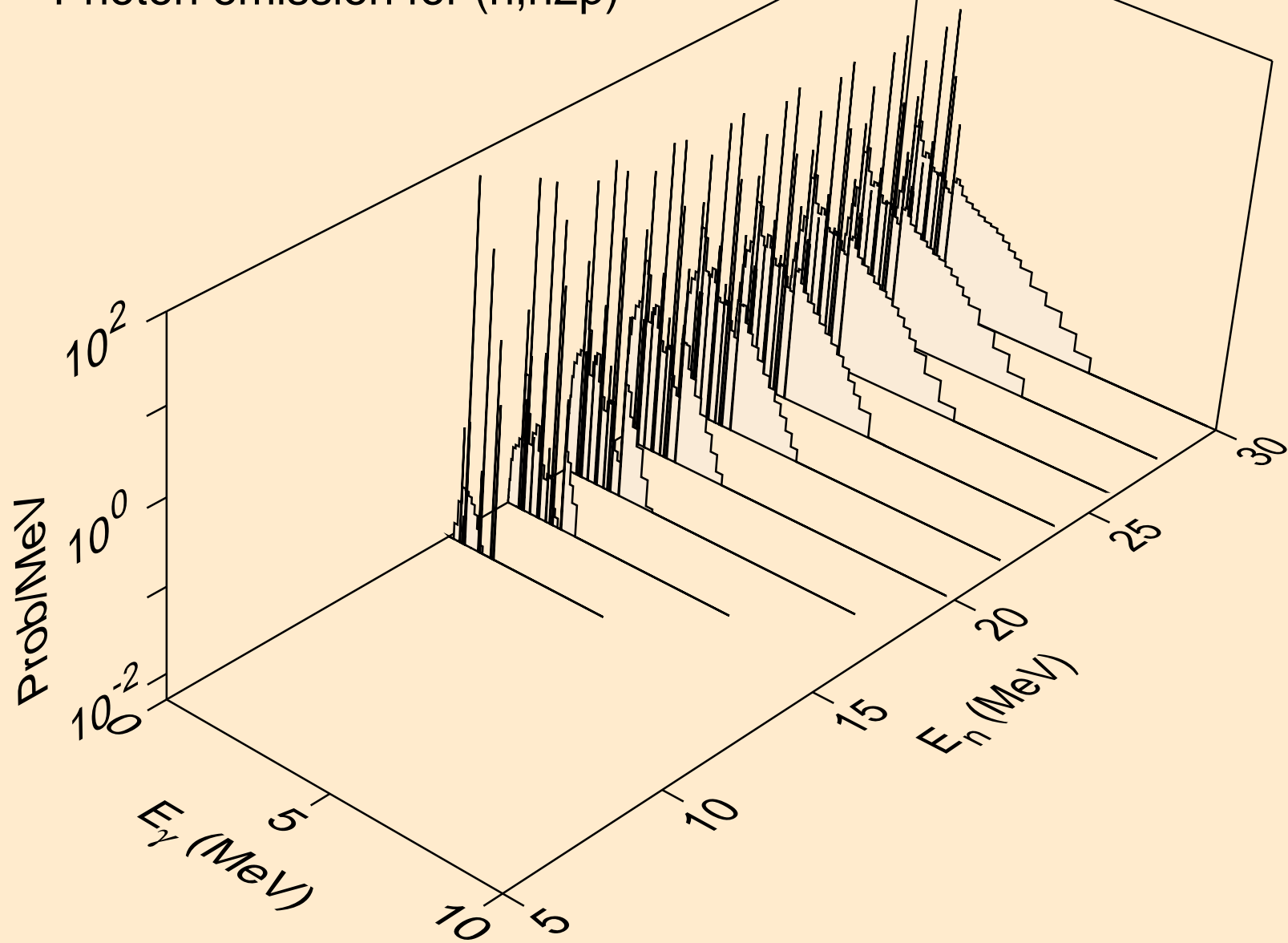
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Photon emission for (n,2np)



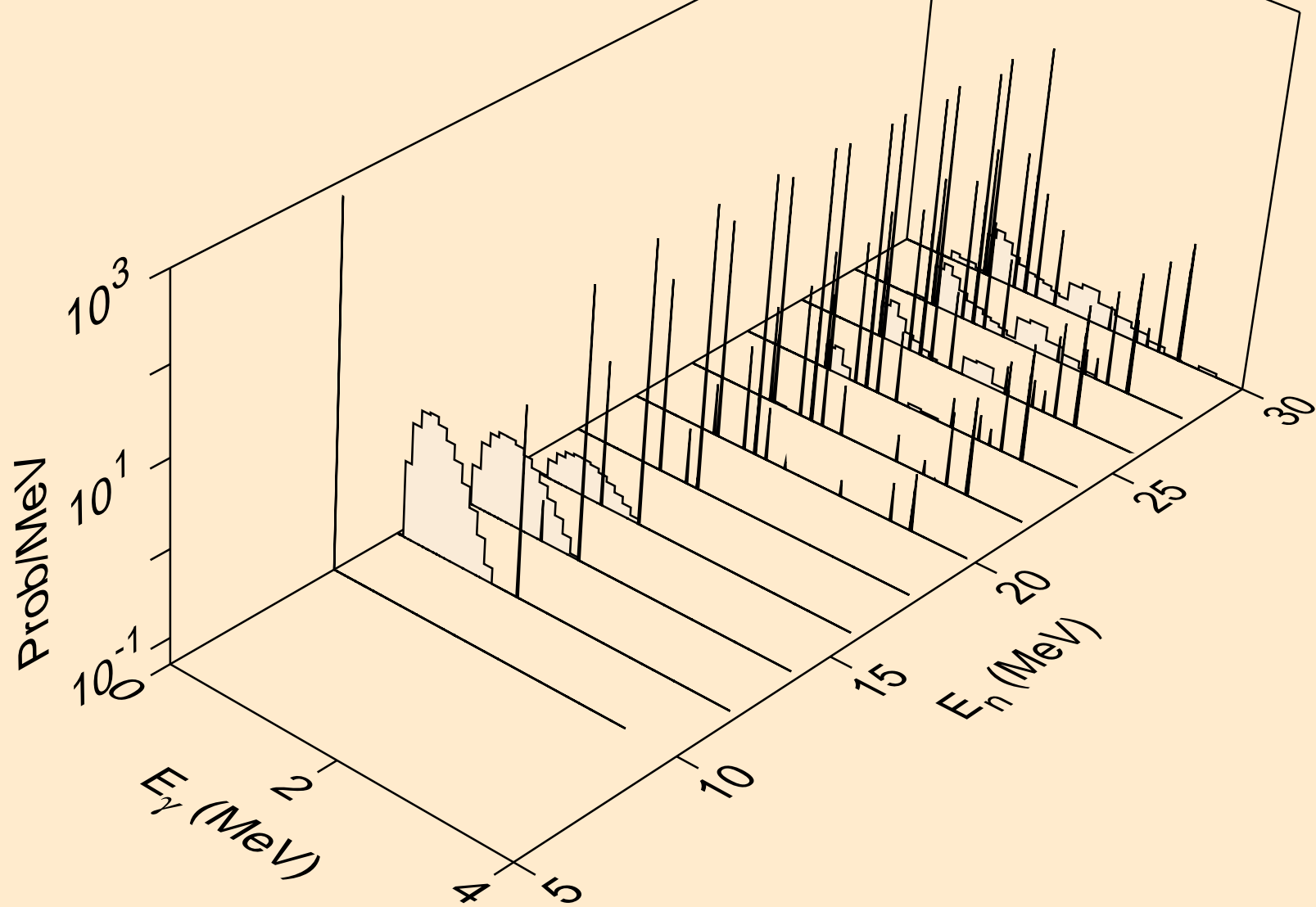
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Photon emission for (n,3np)



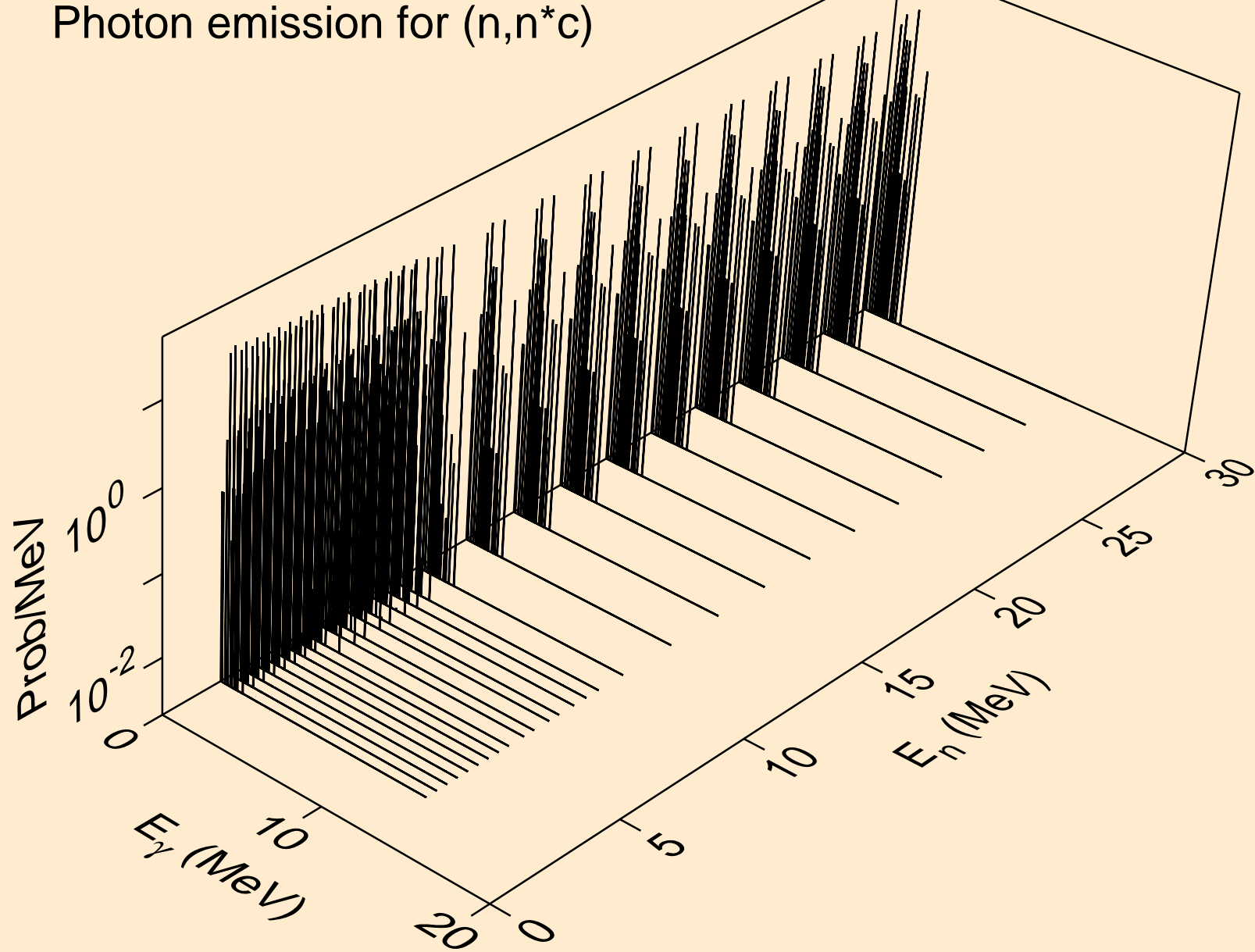
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Photon emission for (n,n2p)



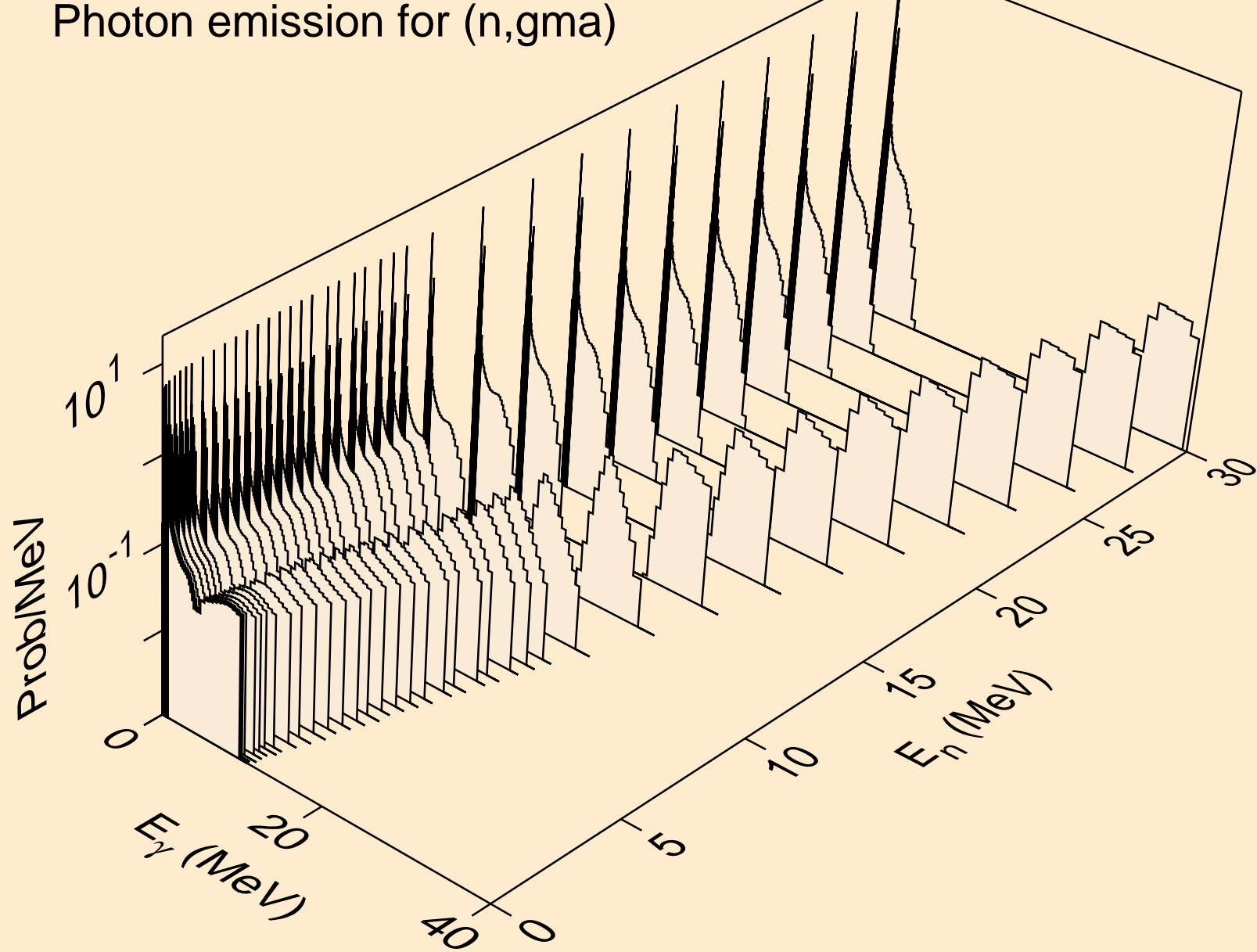
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Photon emission for (n,npa)



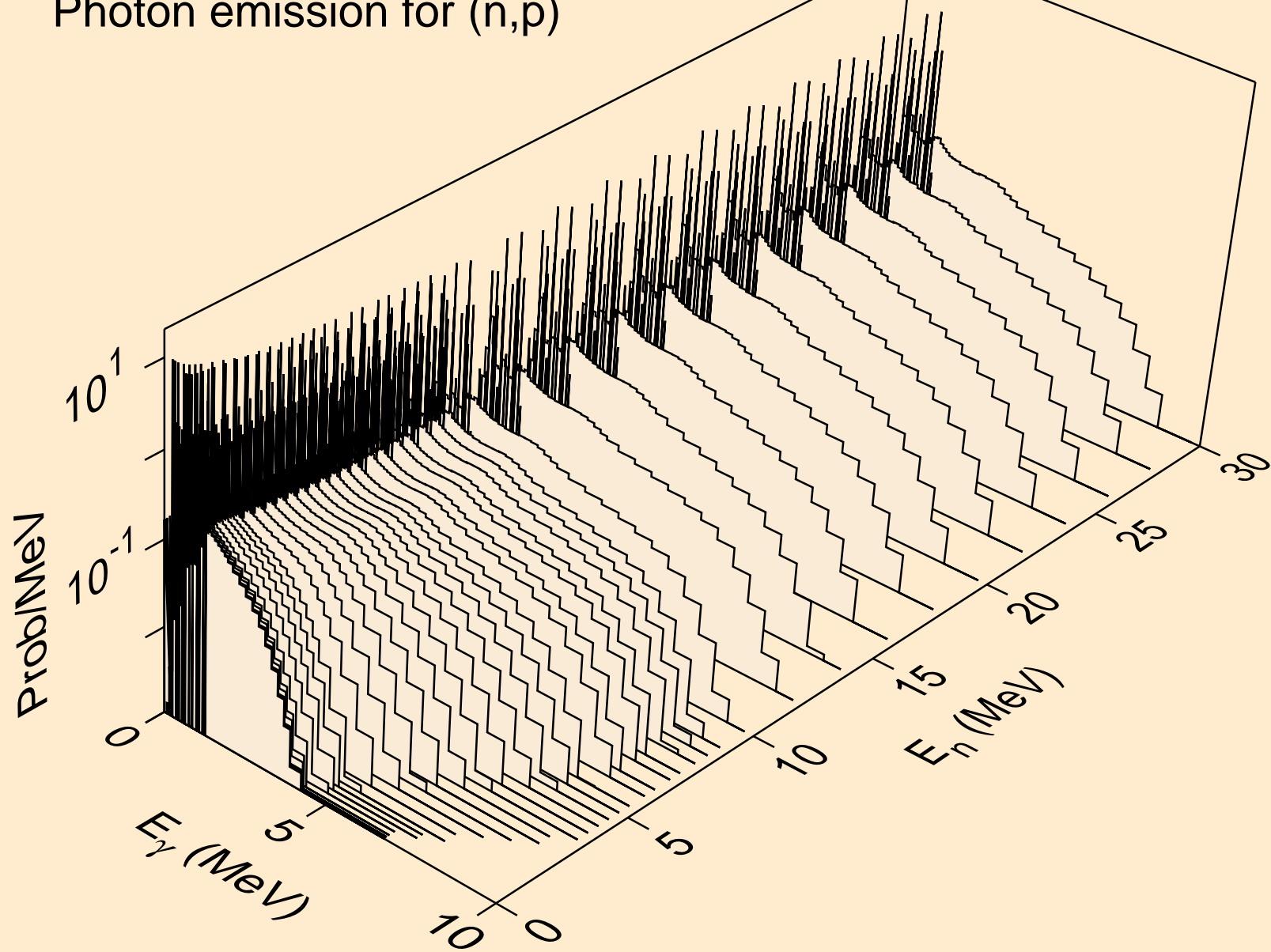
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Photon emission for (n,n\*c)



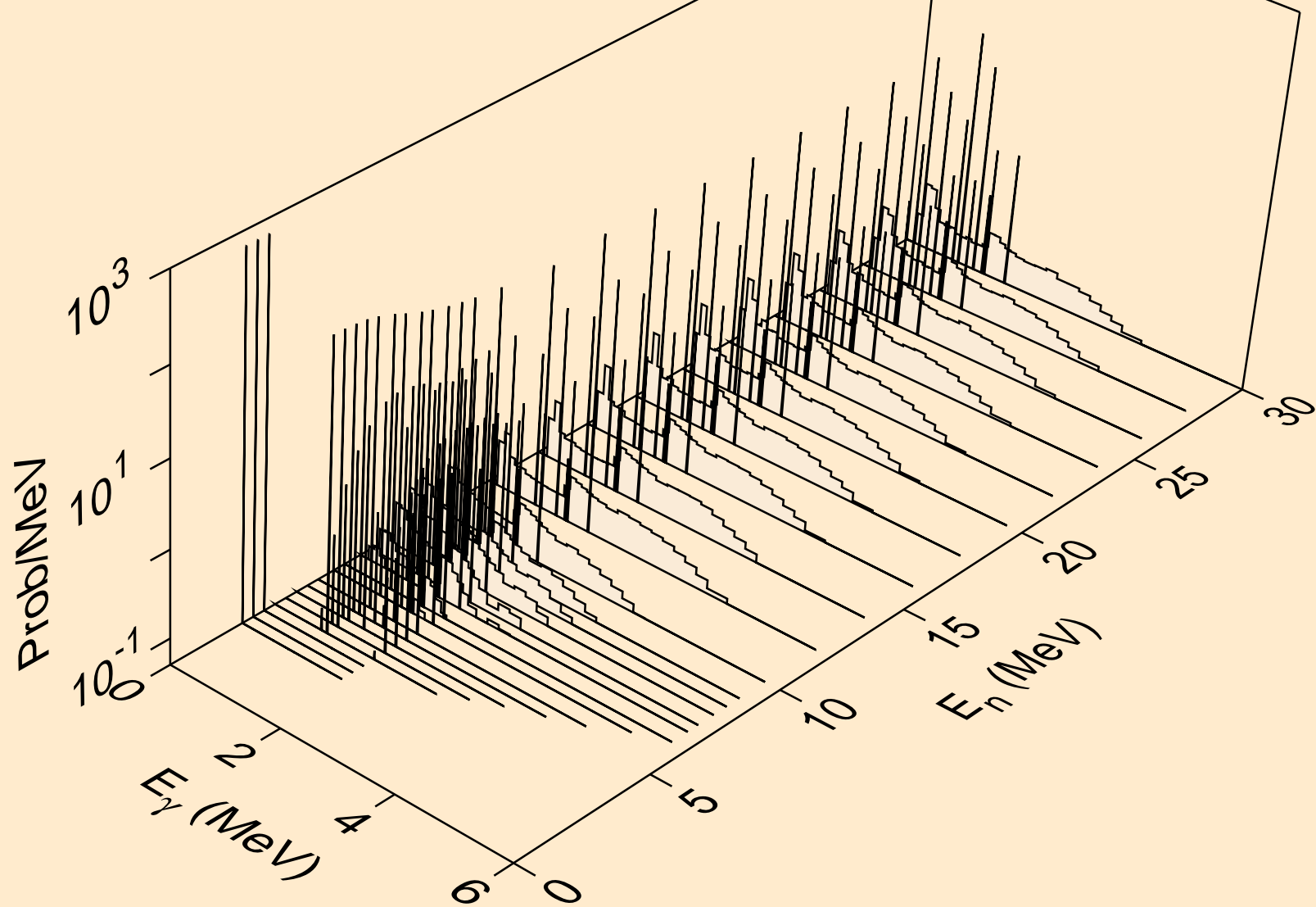
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

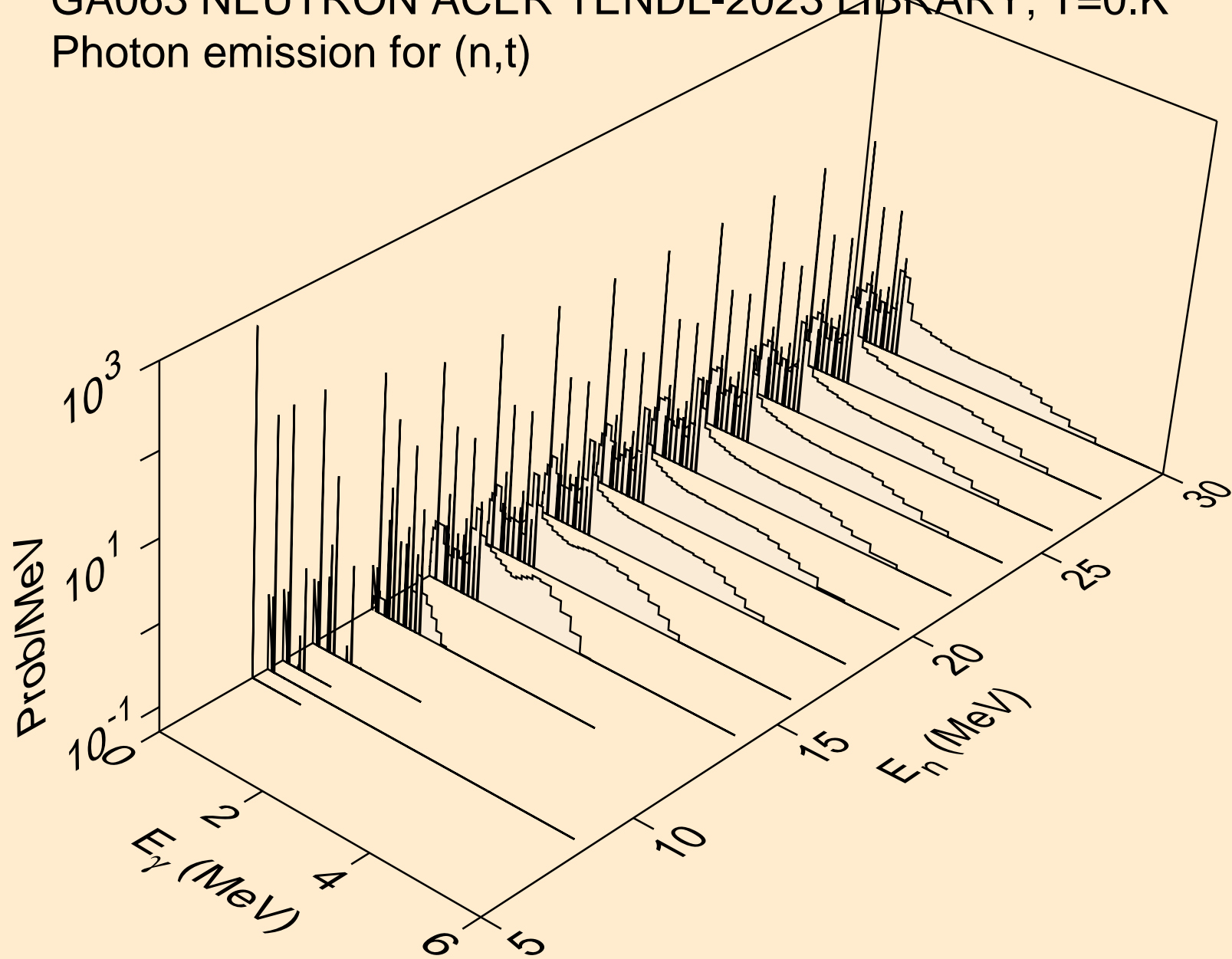


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Photon emission for (n,d)

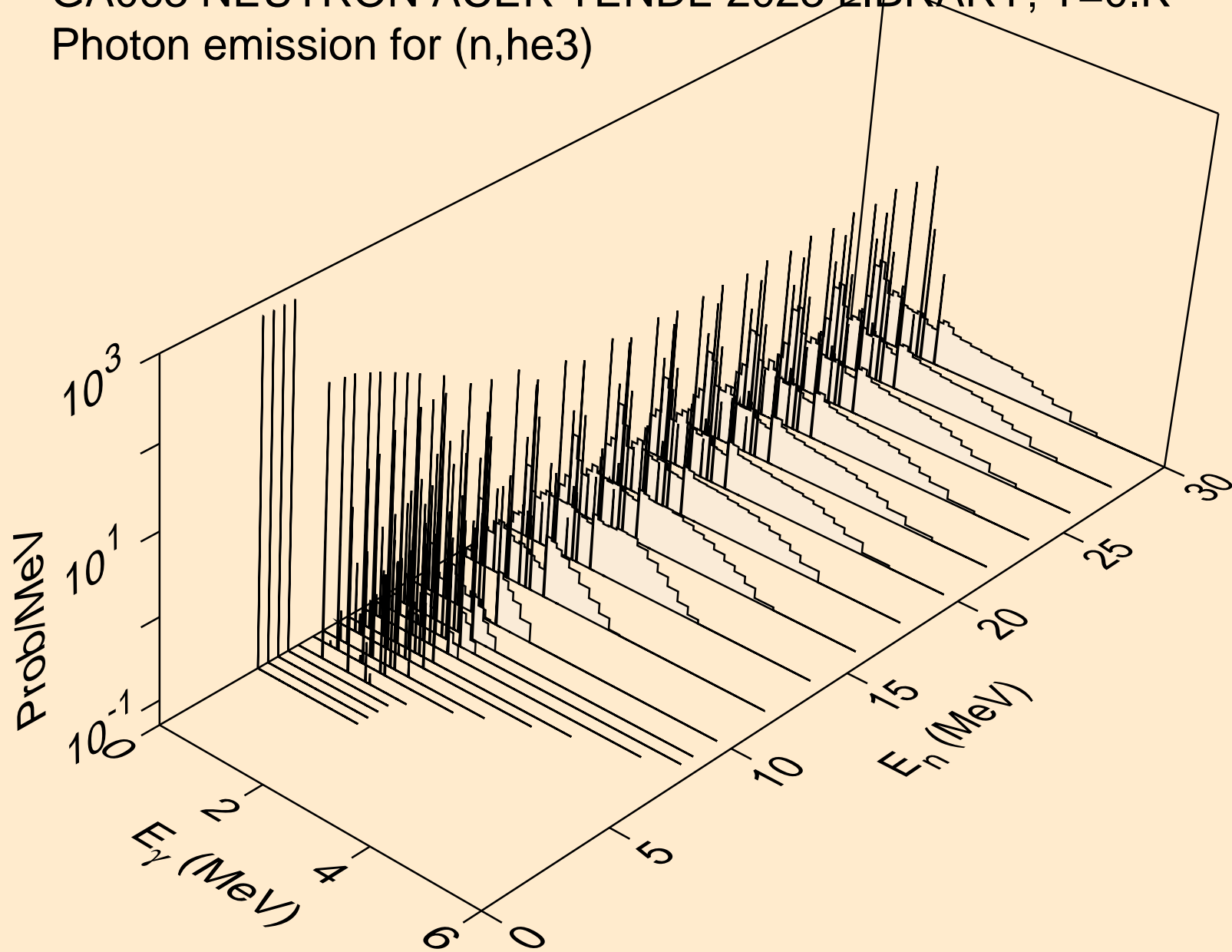




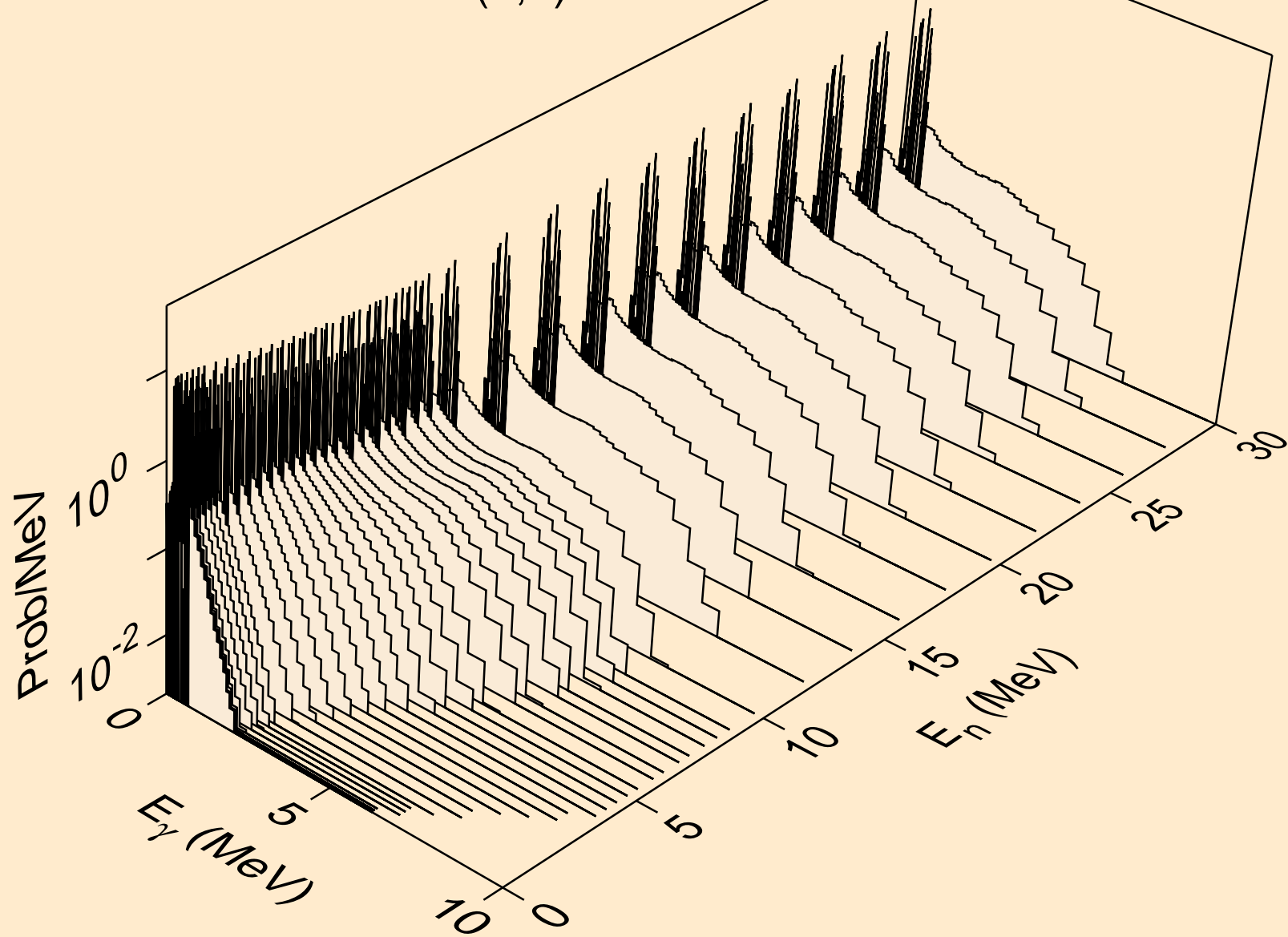
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Photon emission for (n,t)



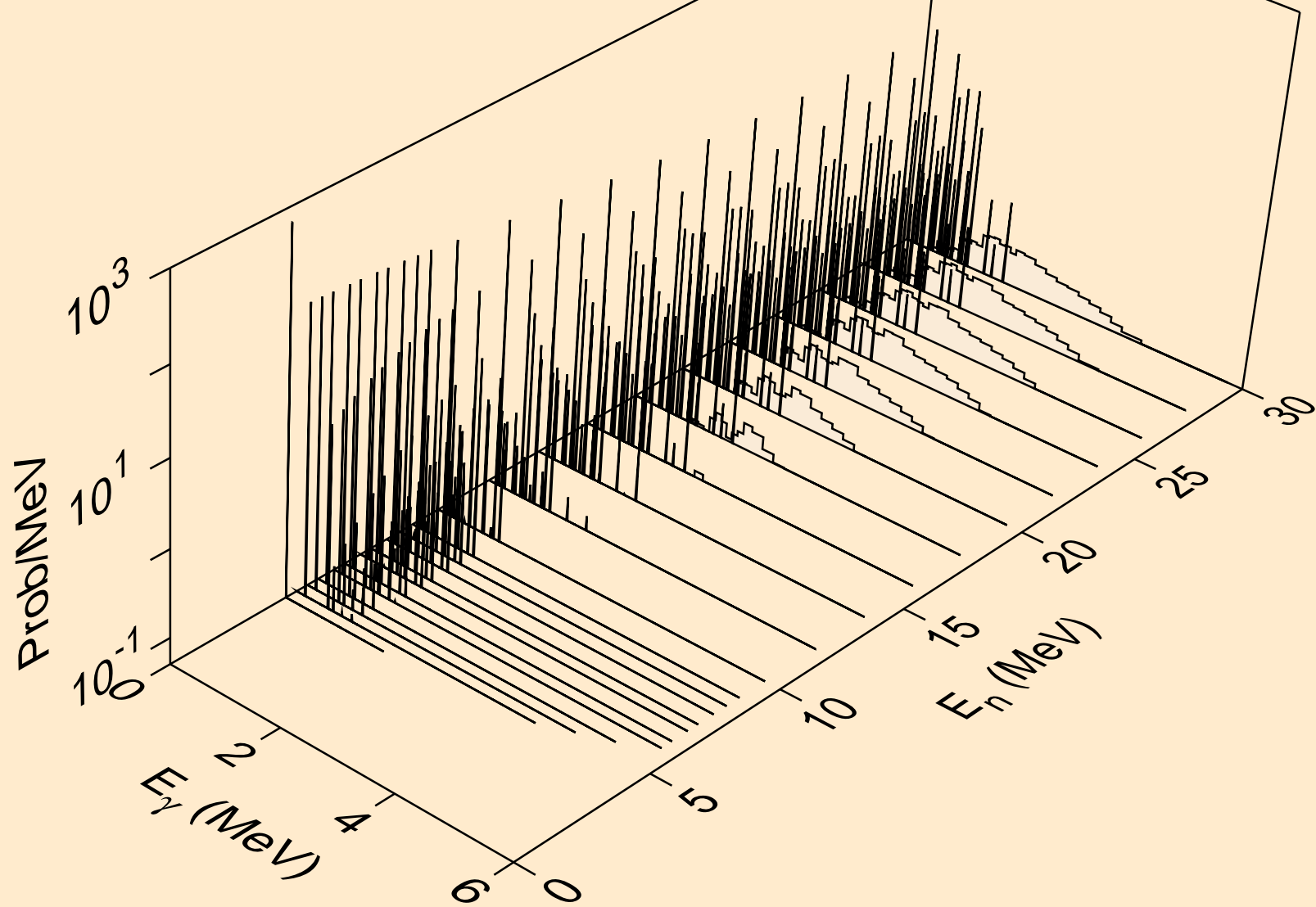
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Photon emission for (n,he3)



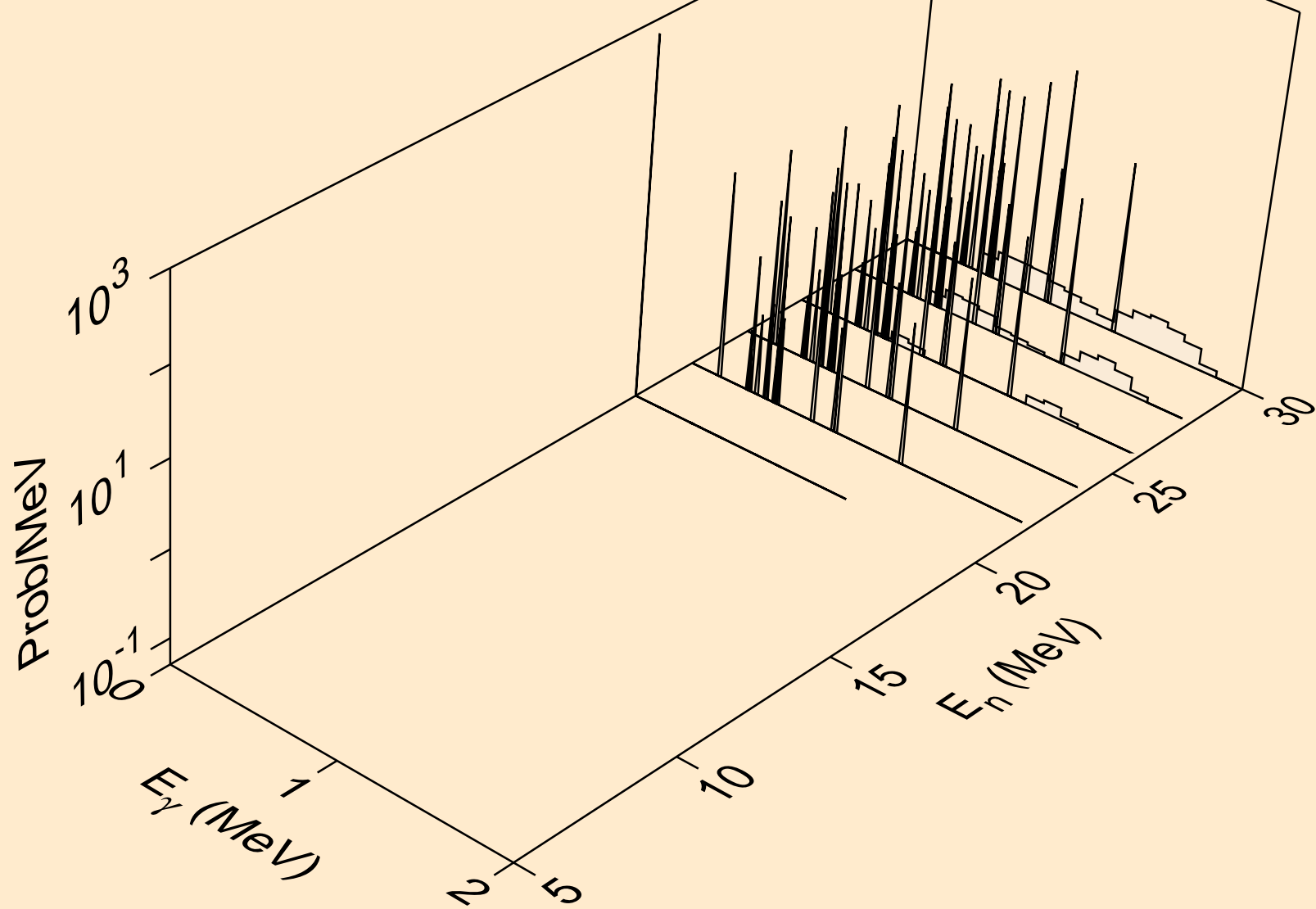
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



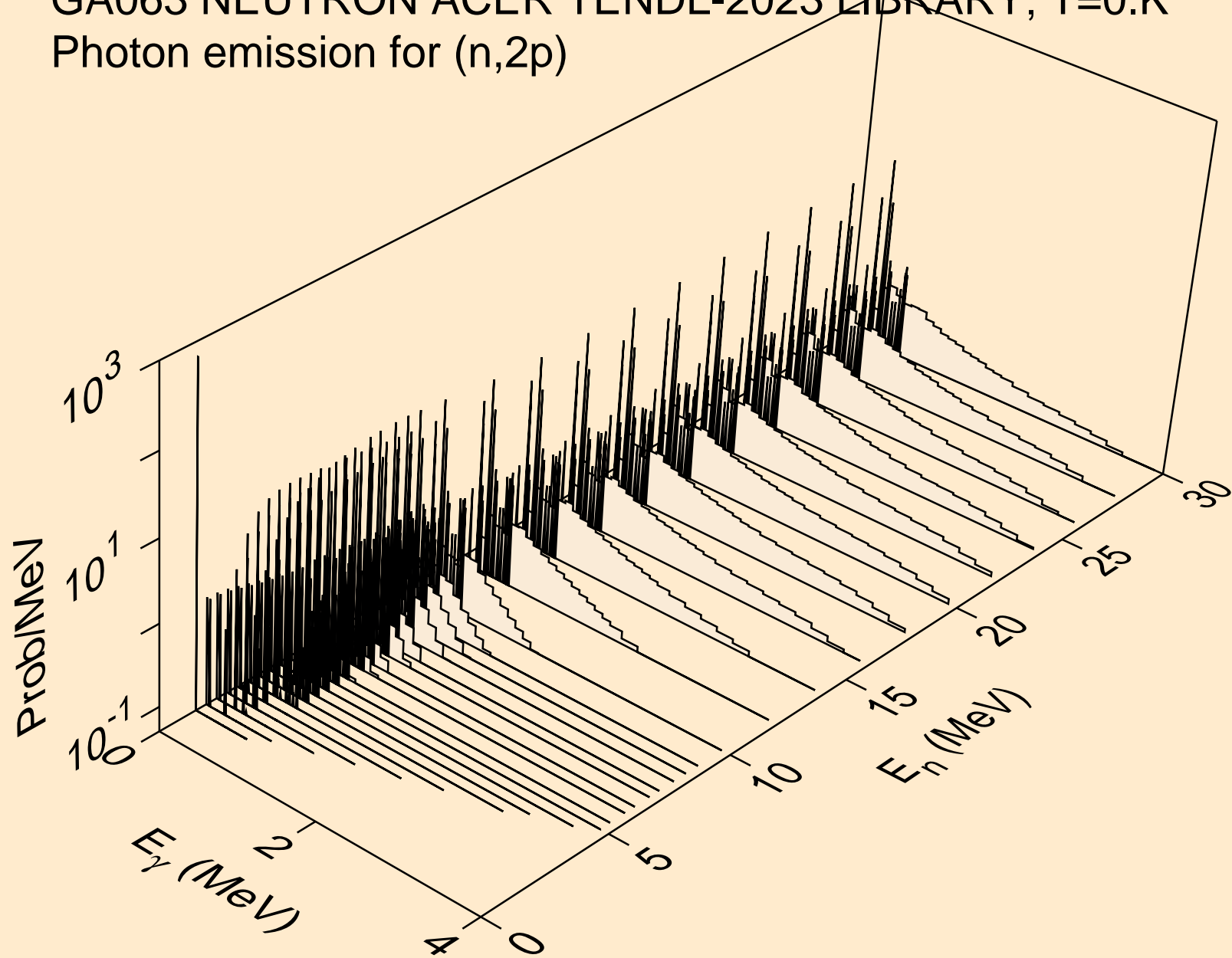
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



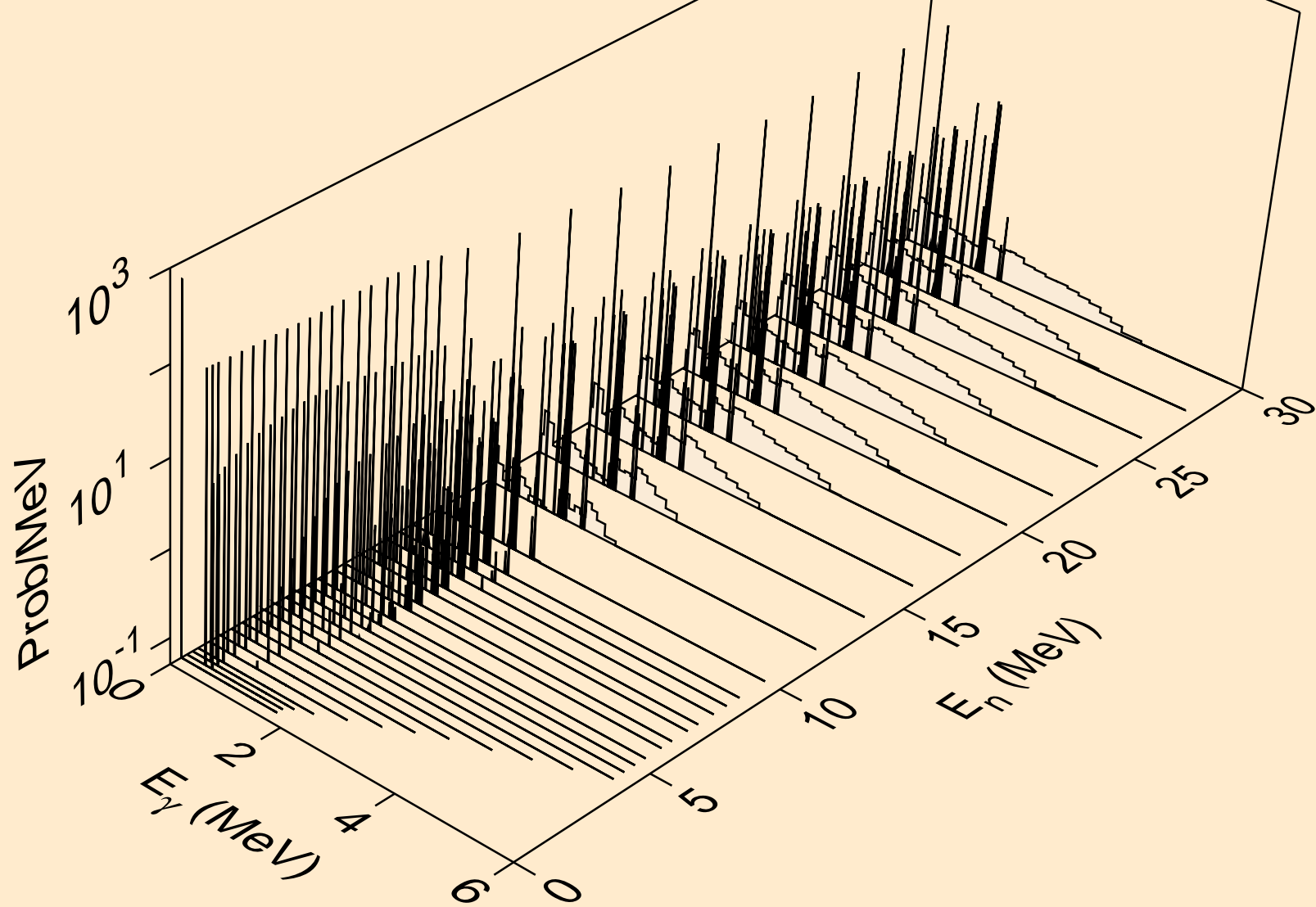
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Photon emission for (n,3a)



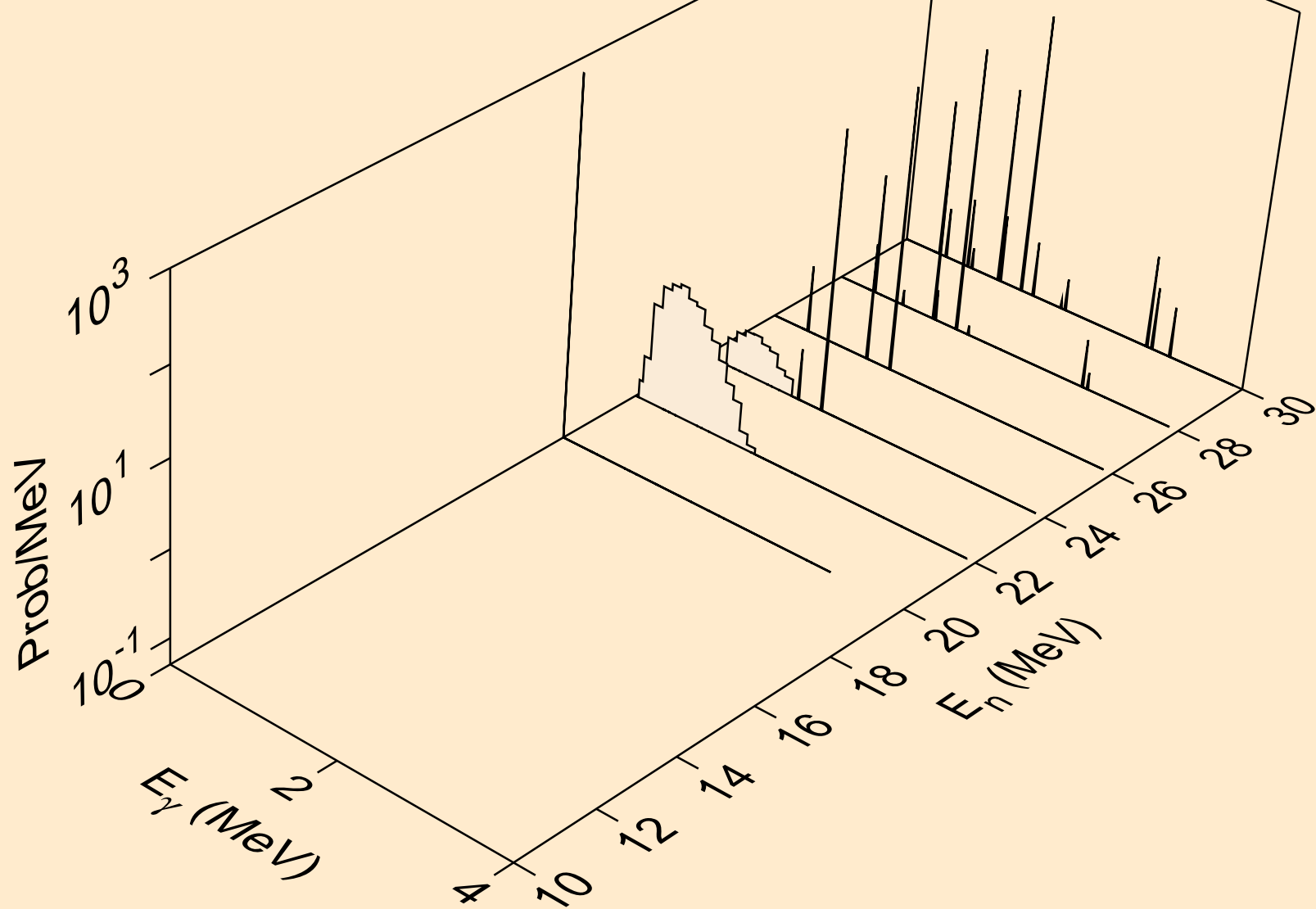
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

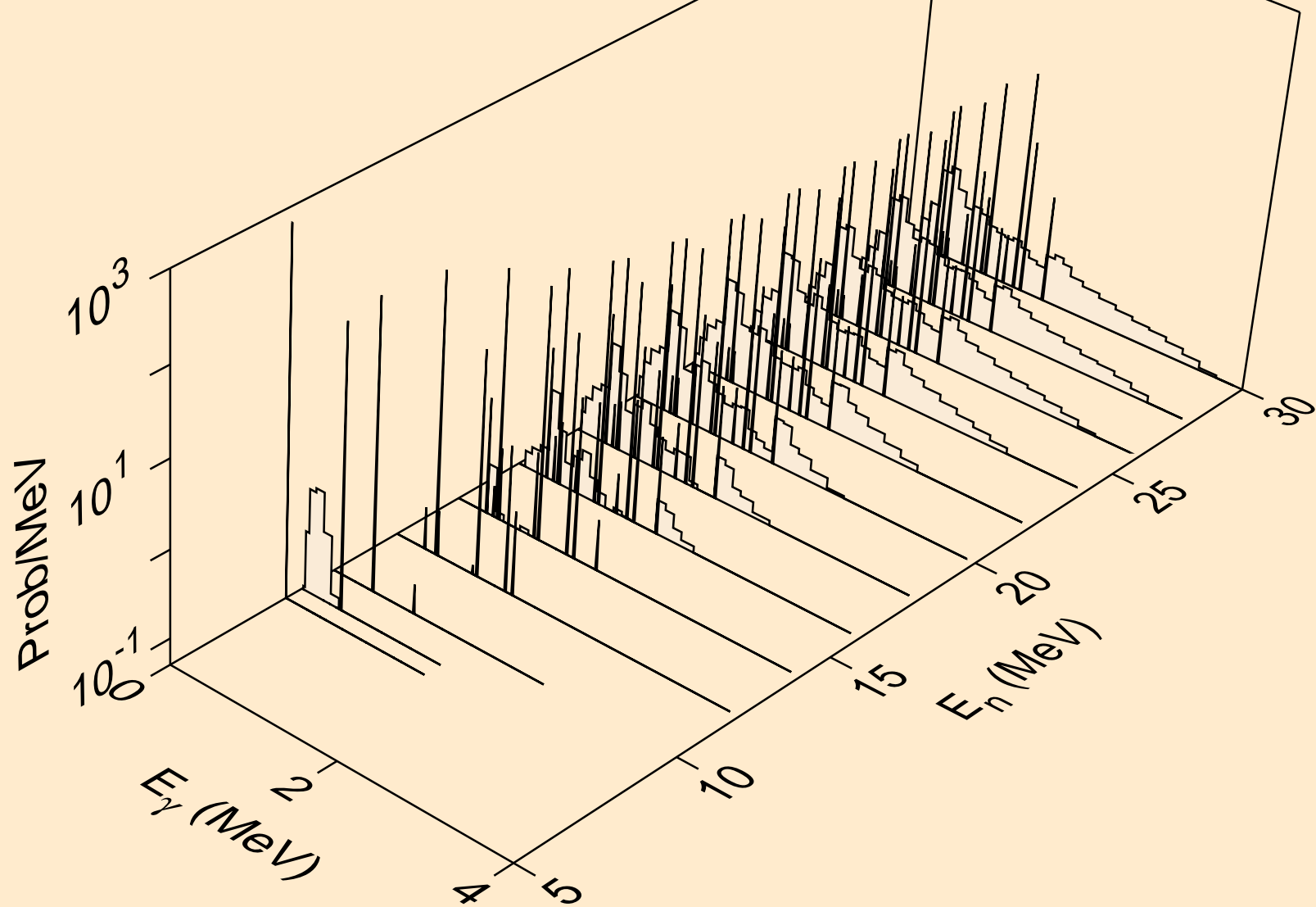


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

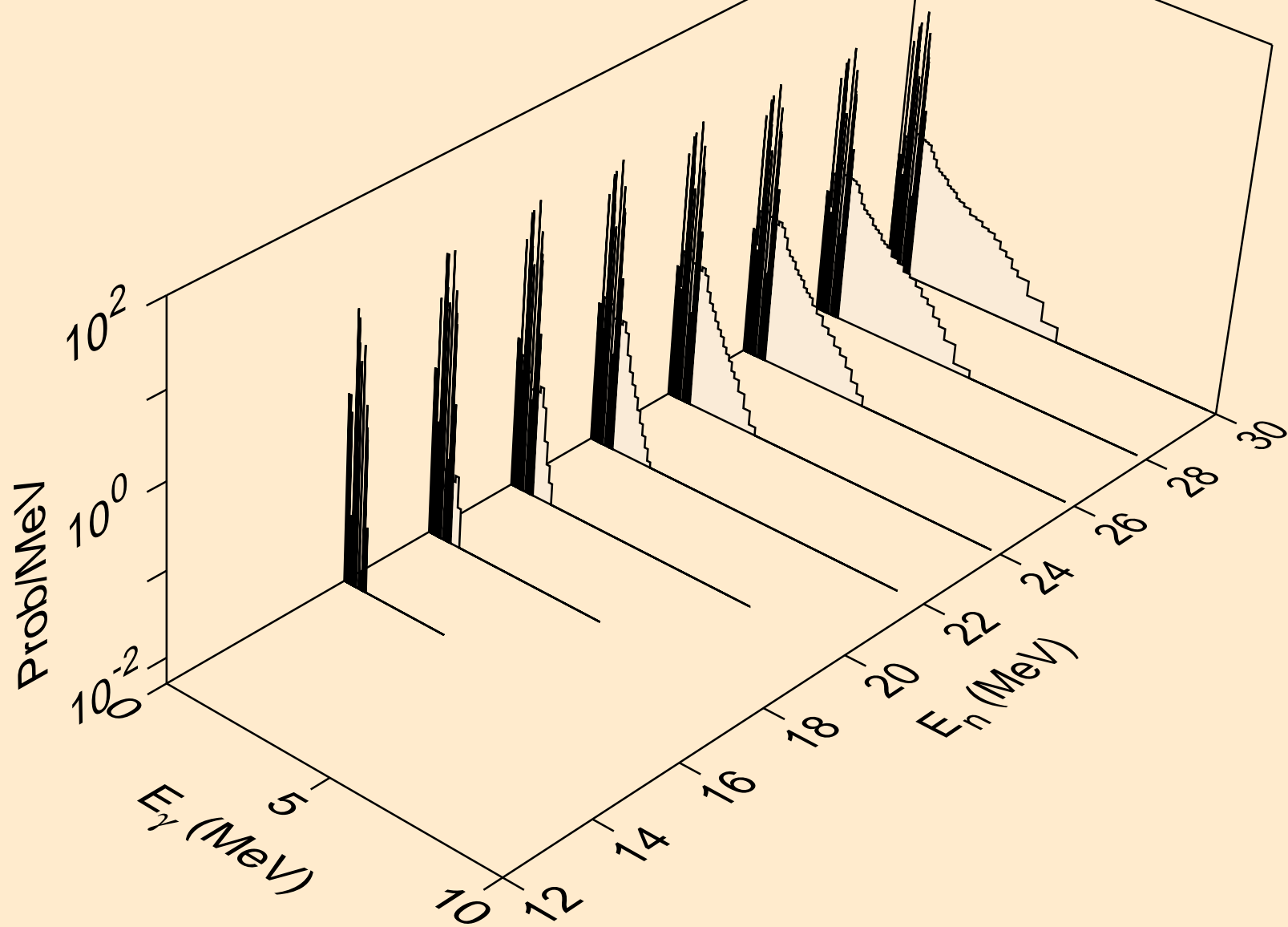




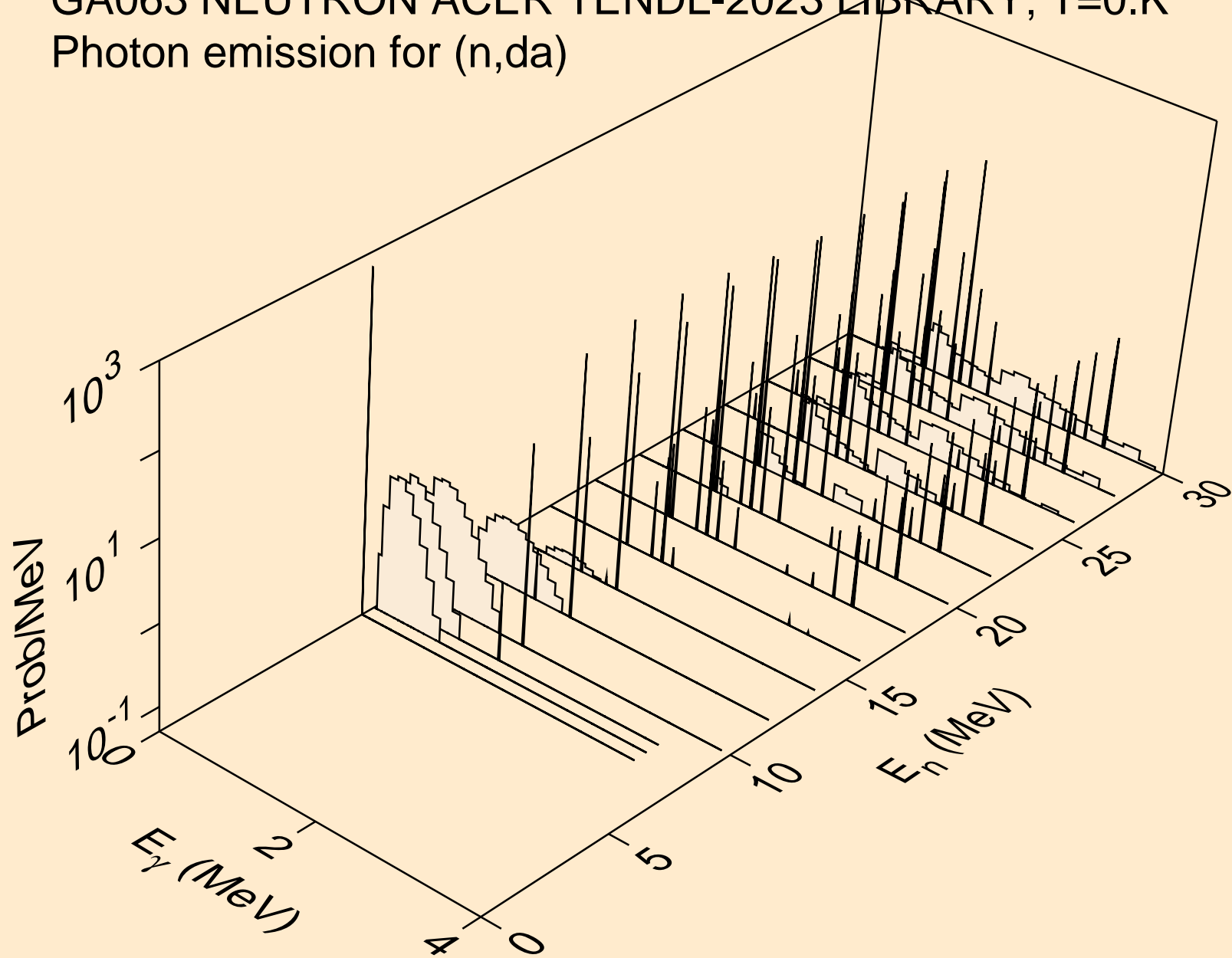
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



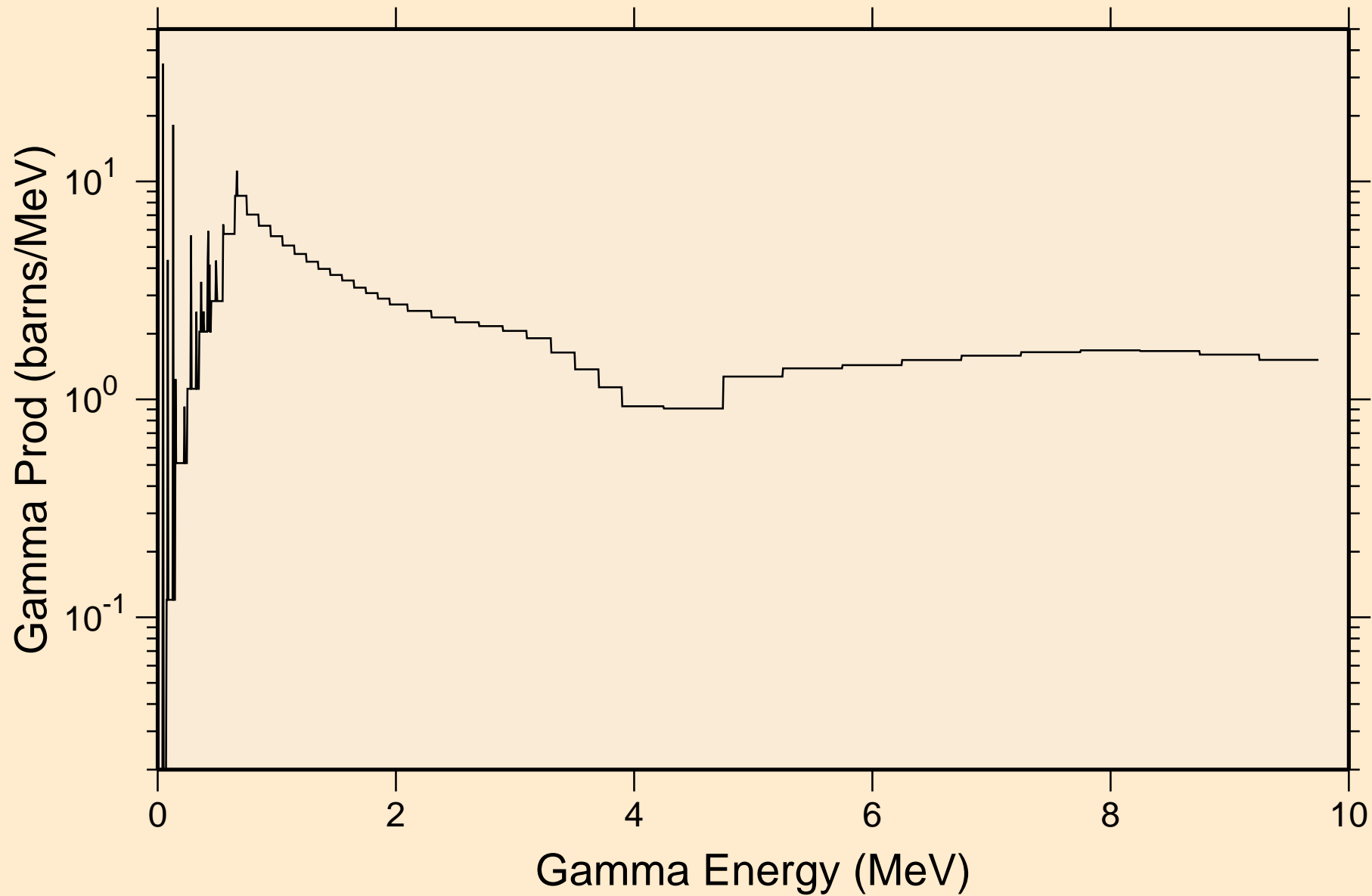
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Photon emission for (n,pt)



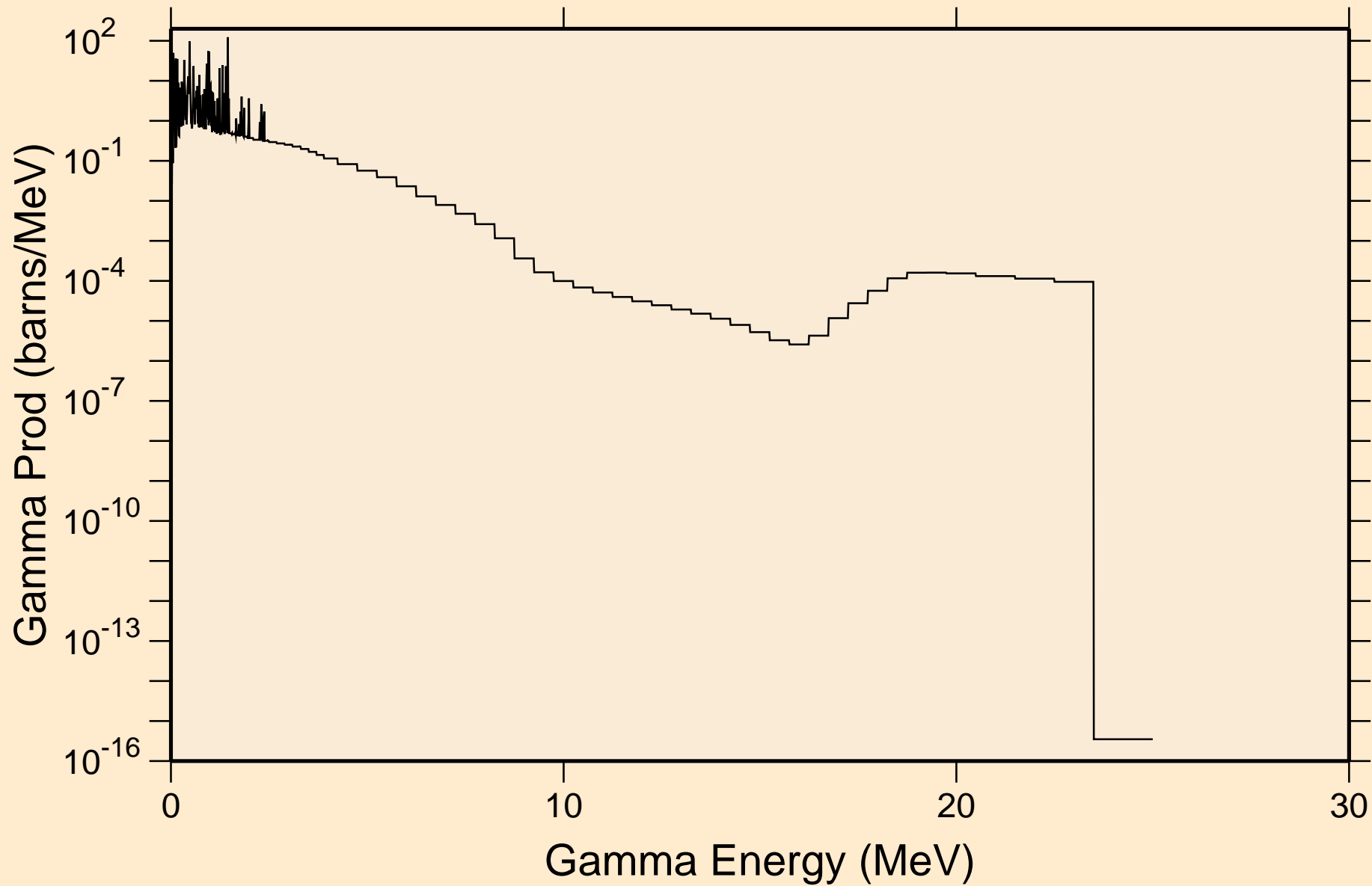
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

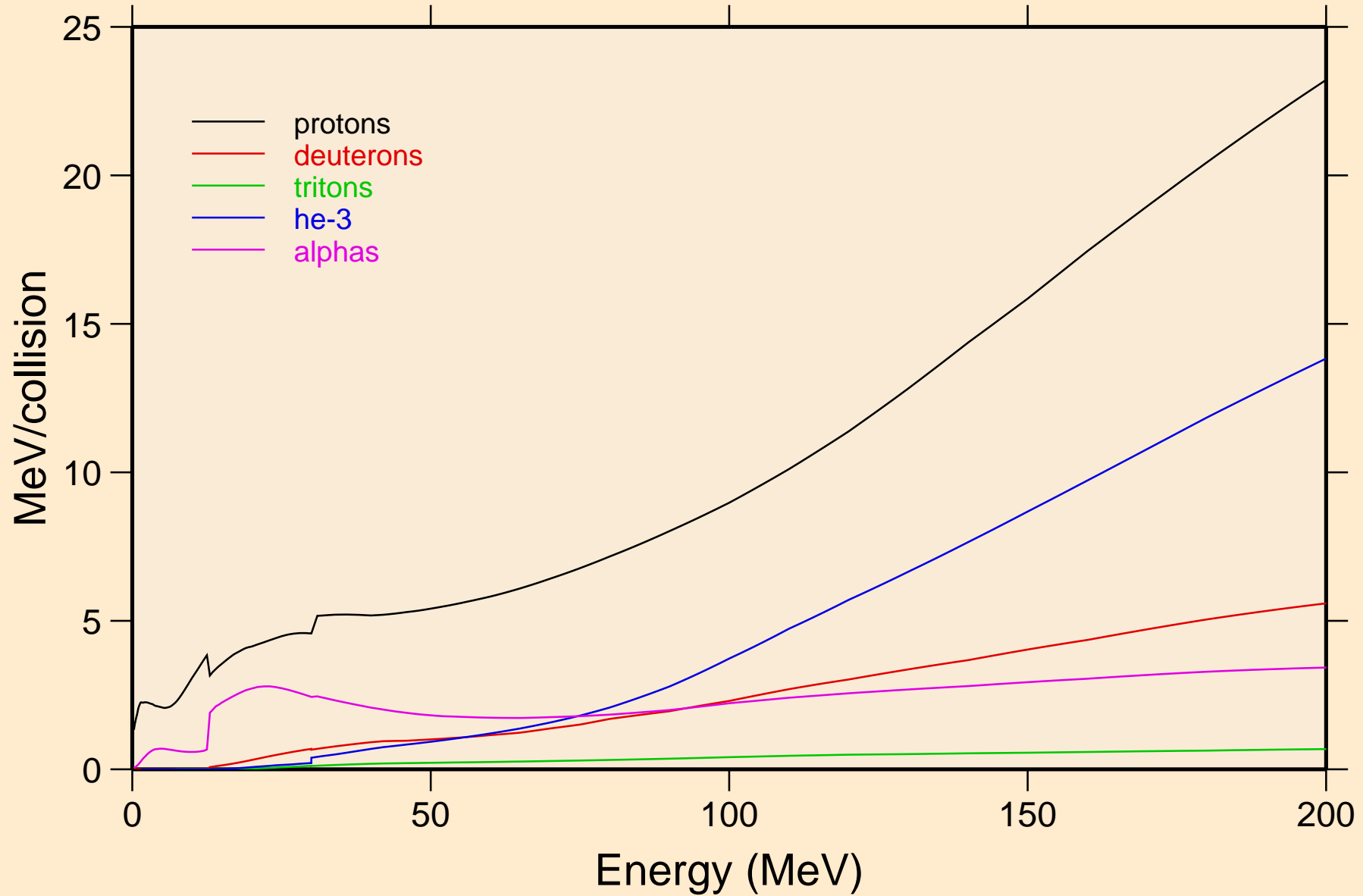


GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

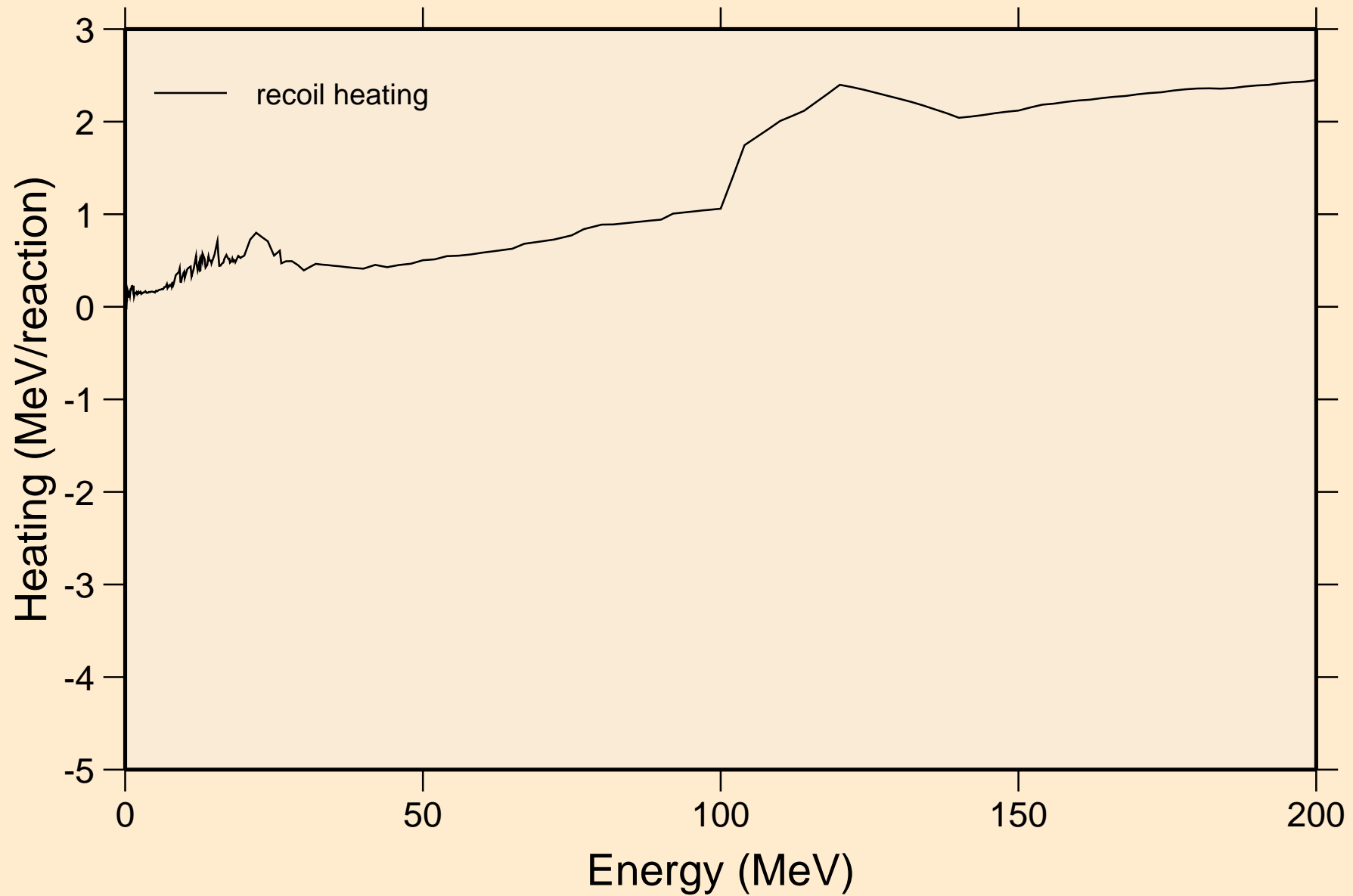


# GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

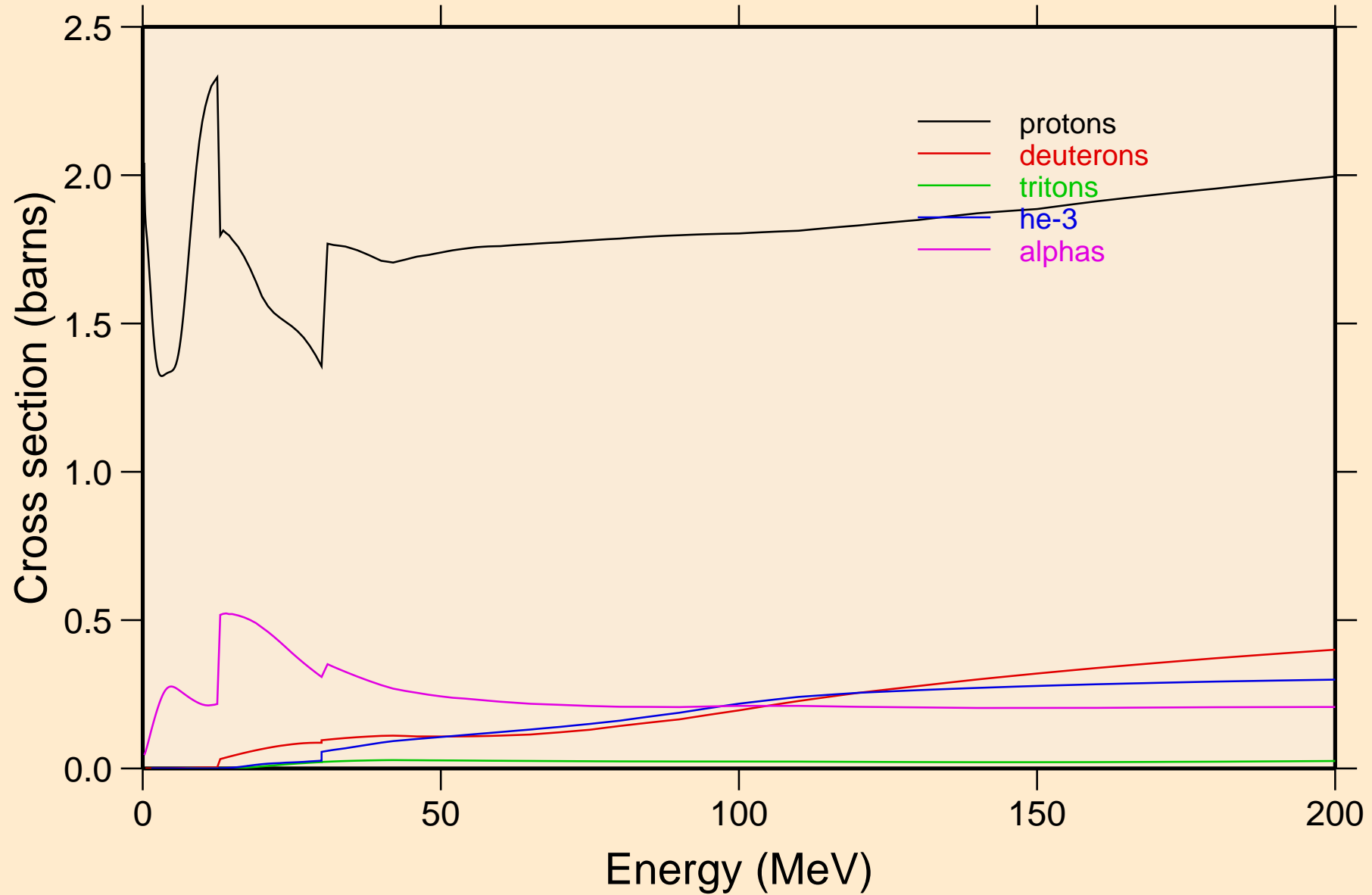


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Recoil Heating



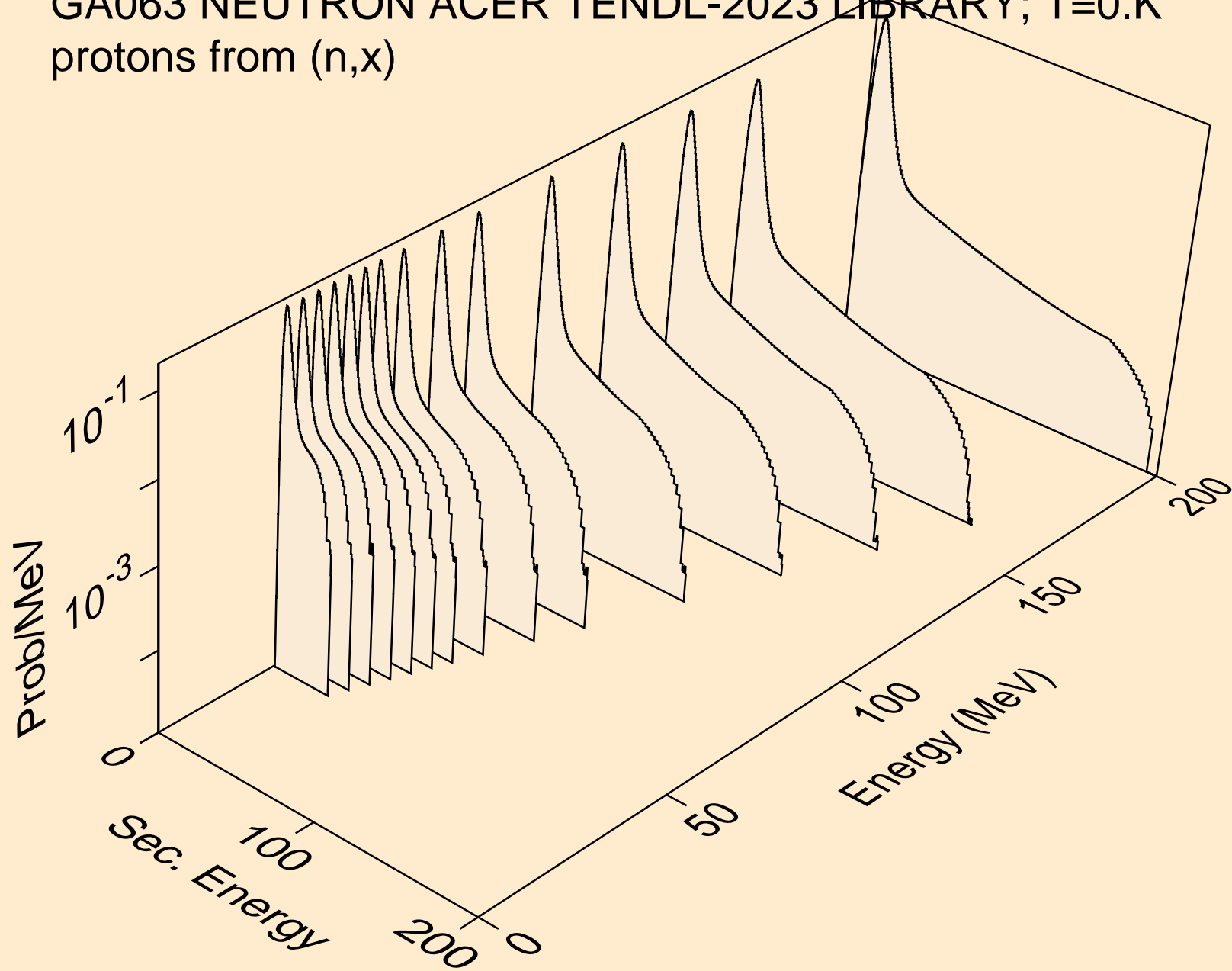
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## Particle production cross sections

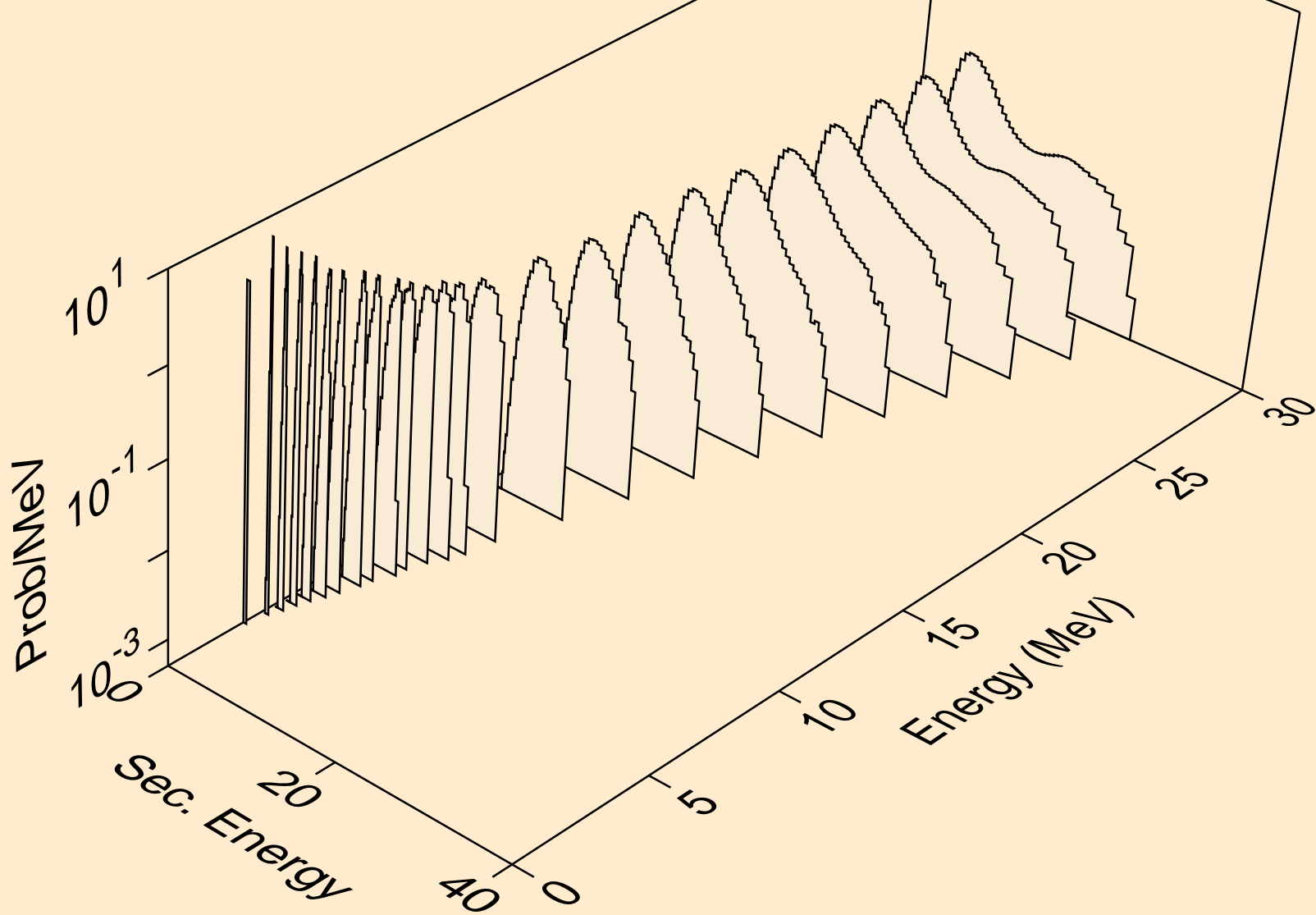




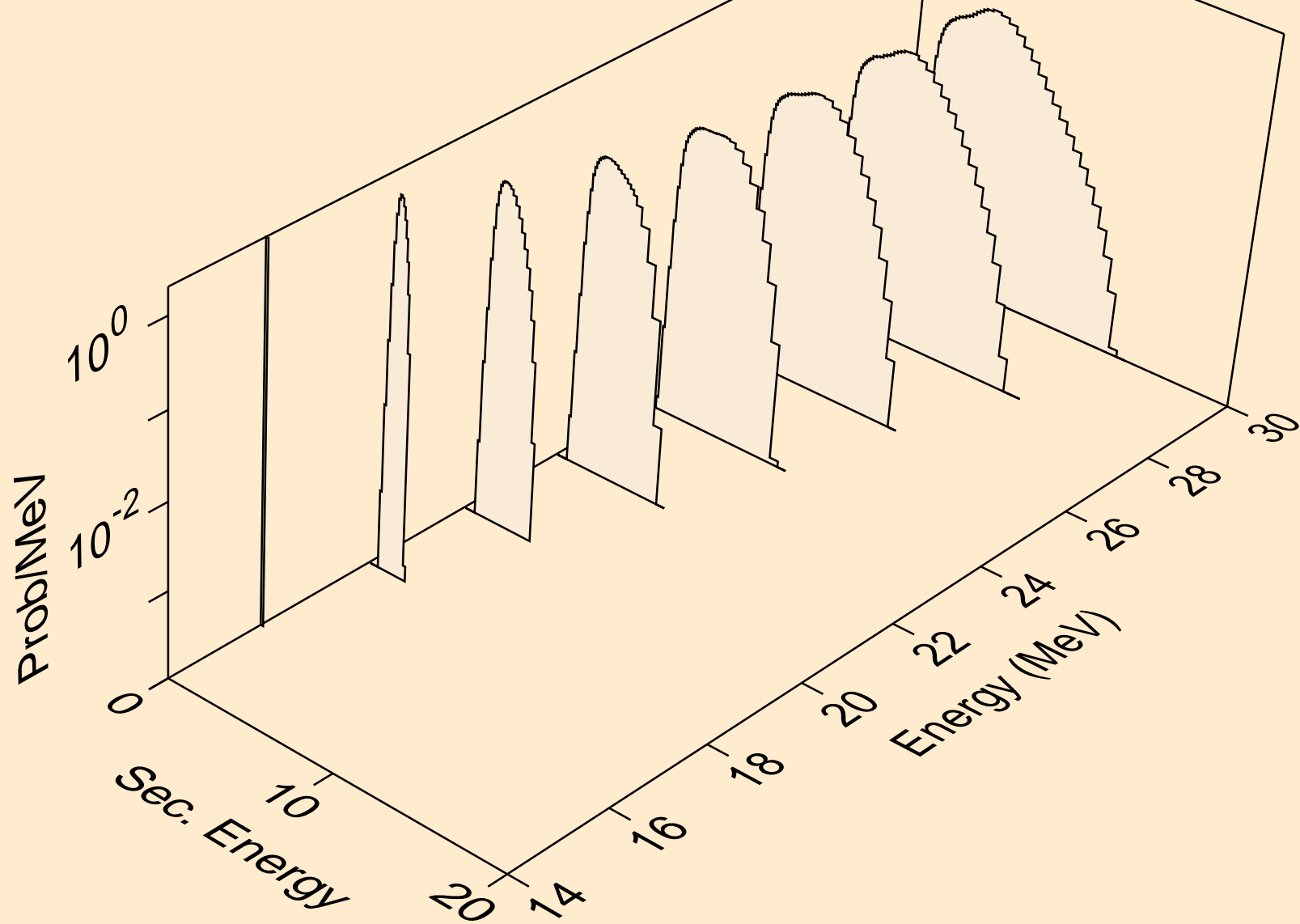
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protons from (n,x)



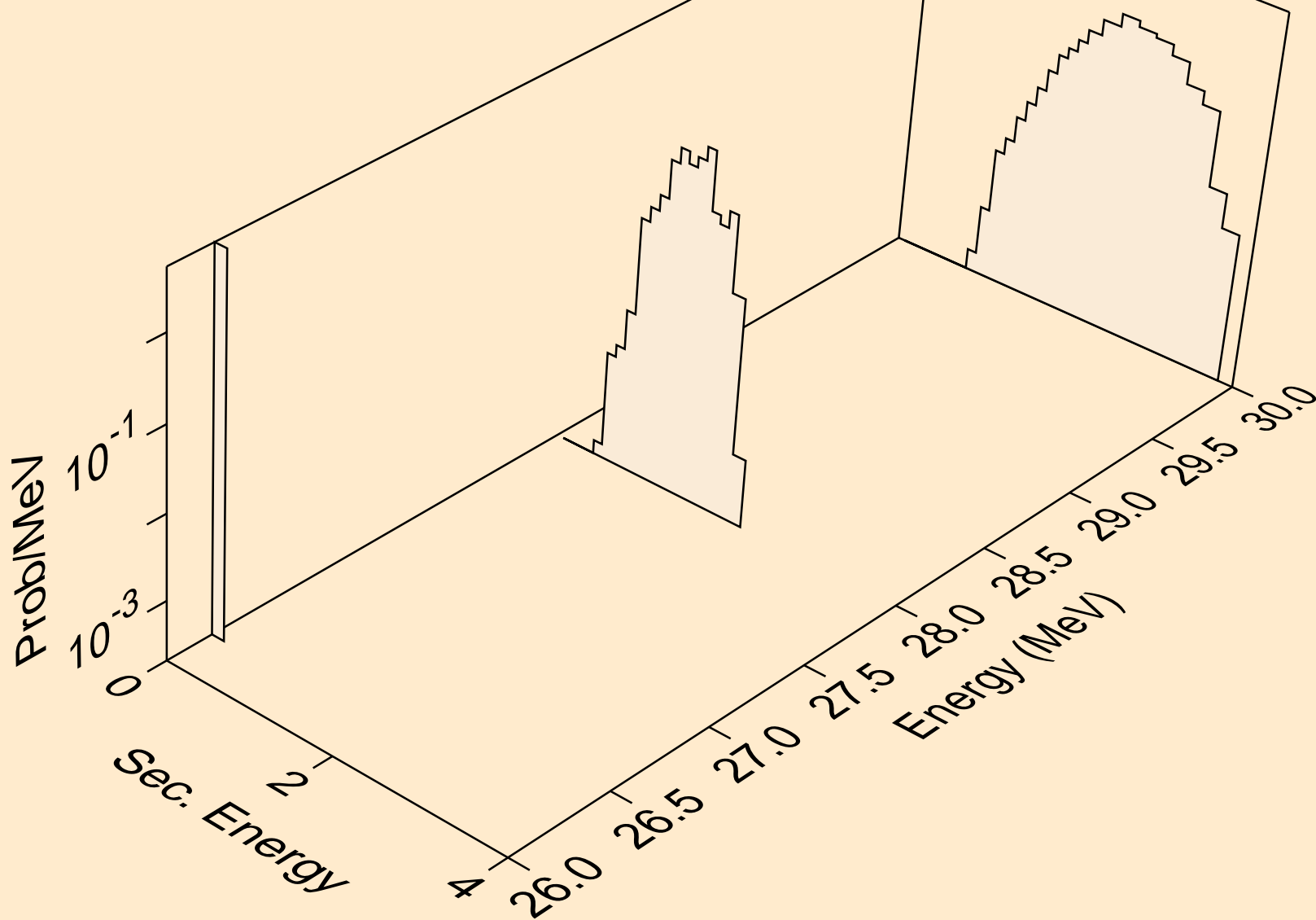
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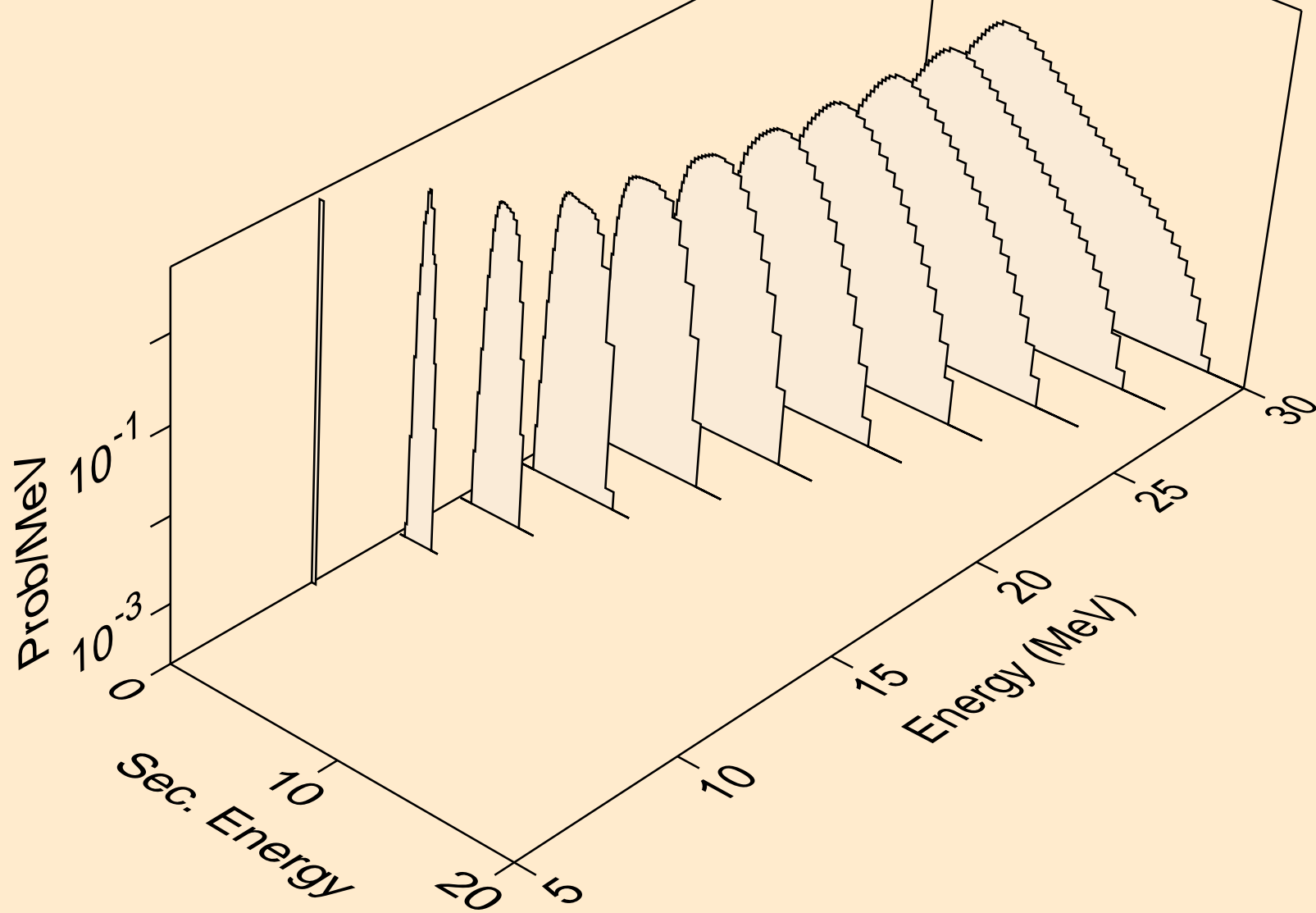
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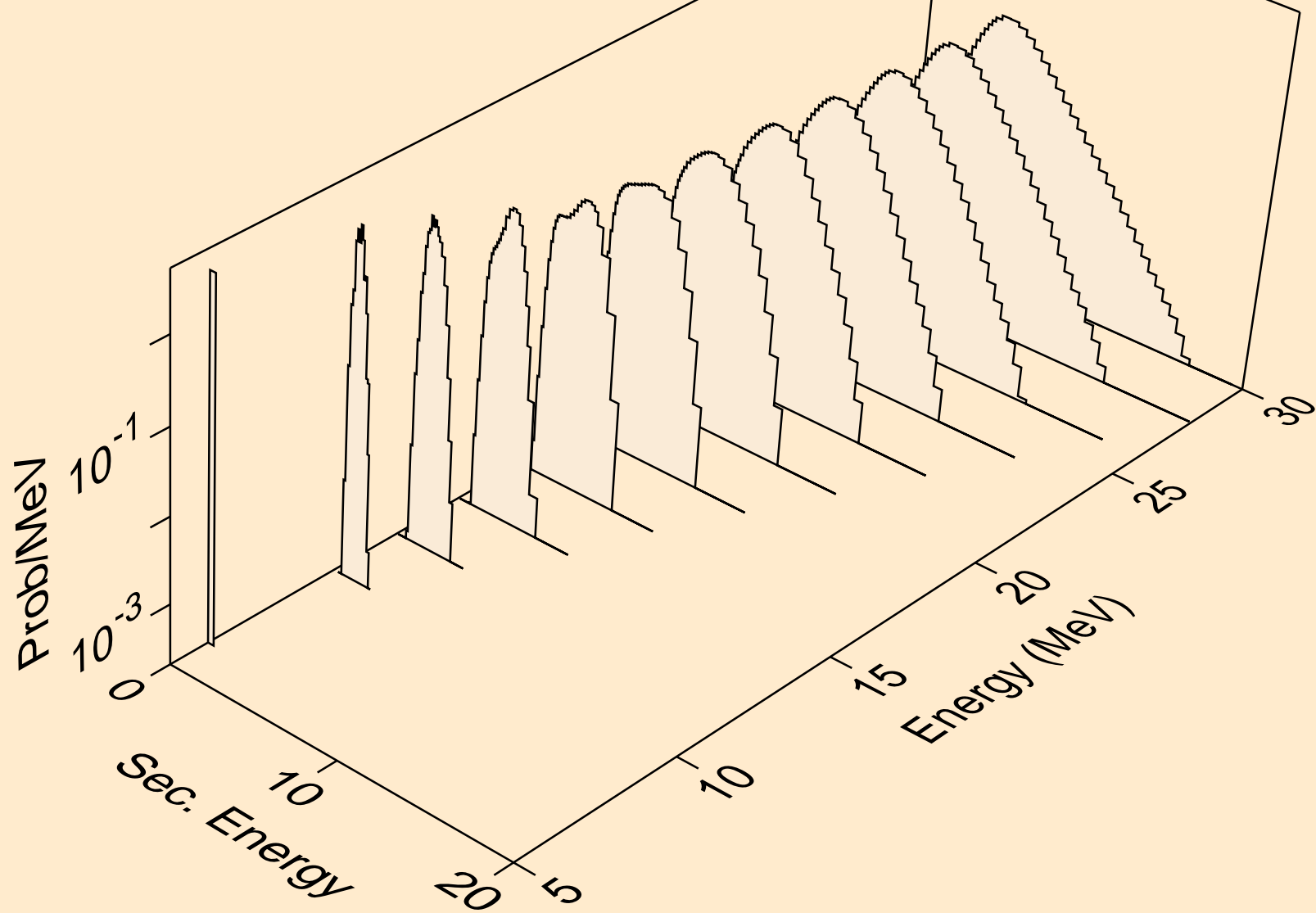
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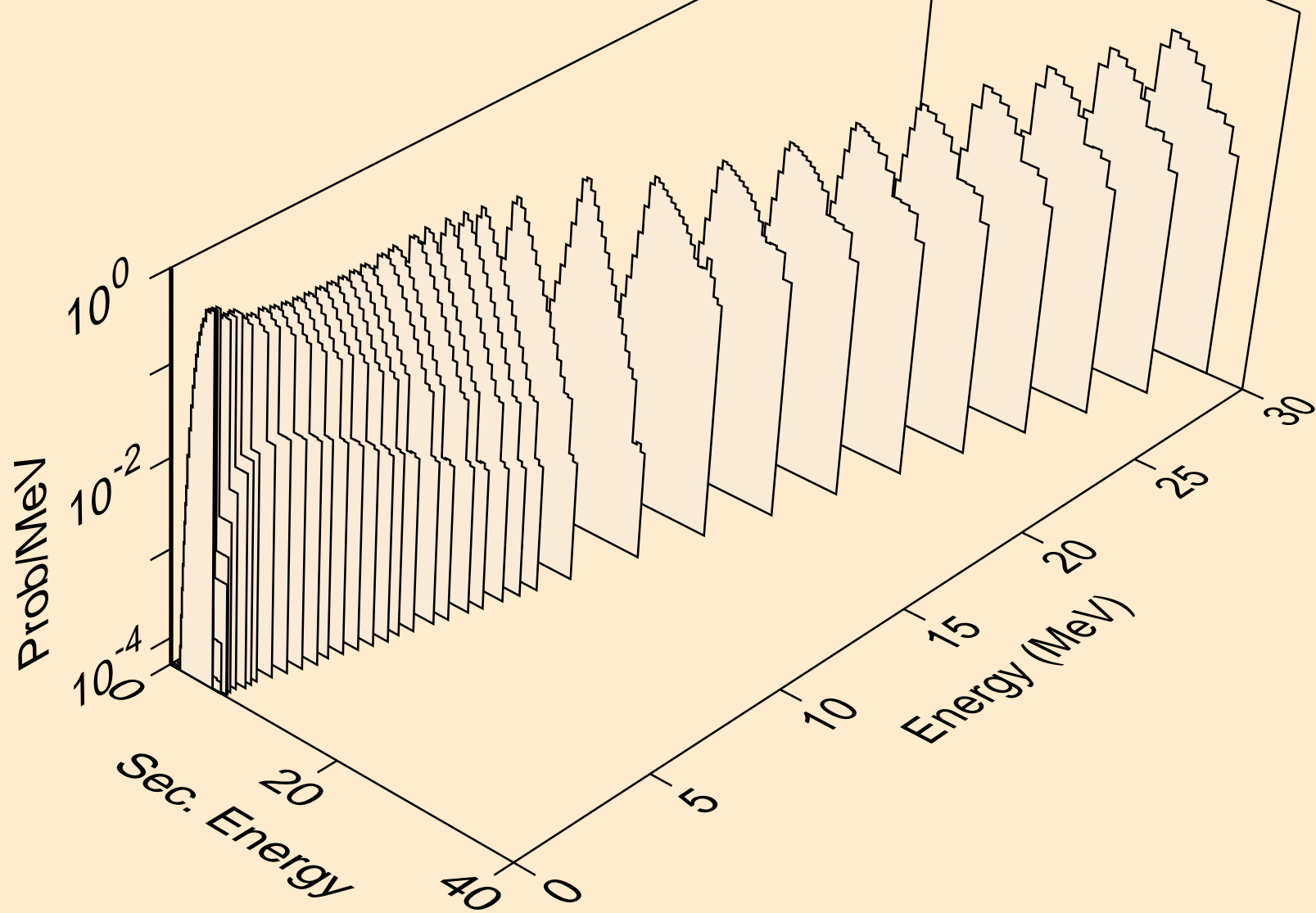
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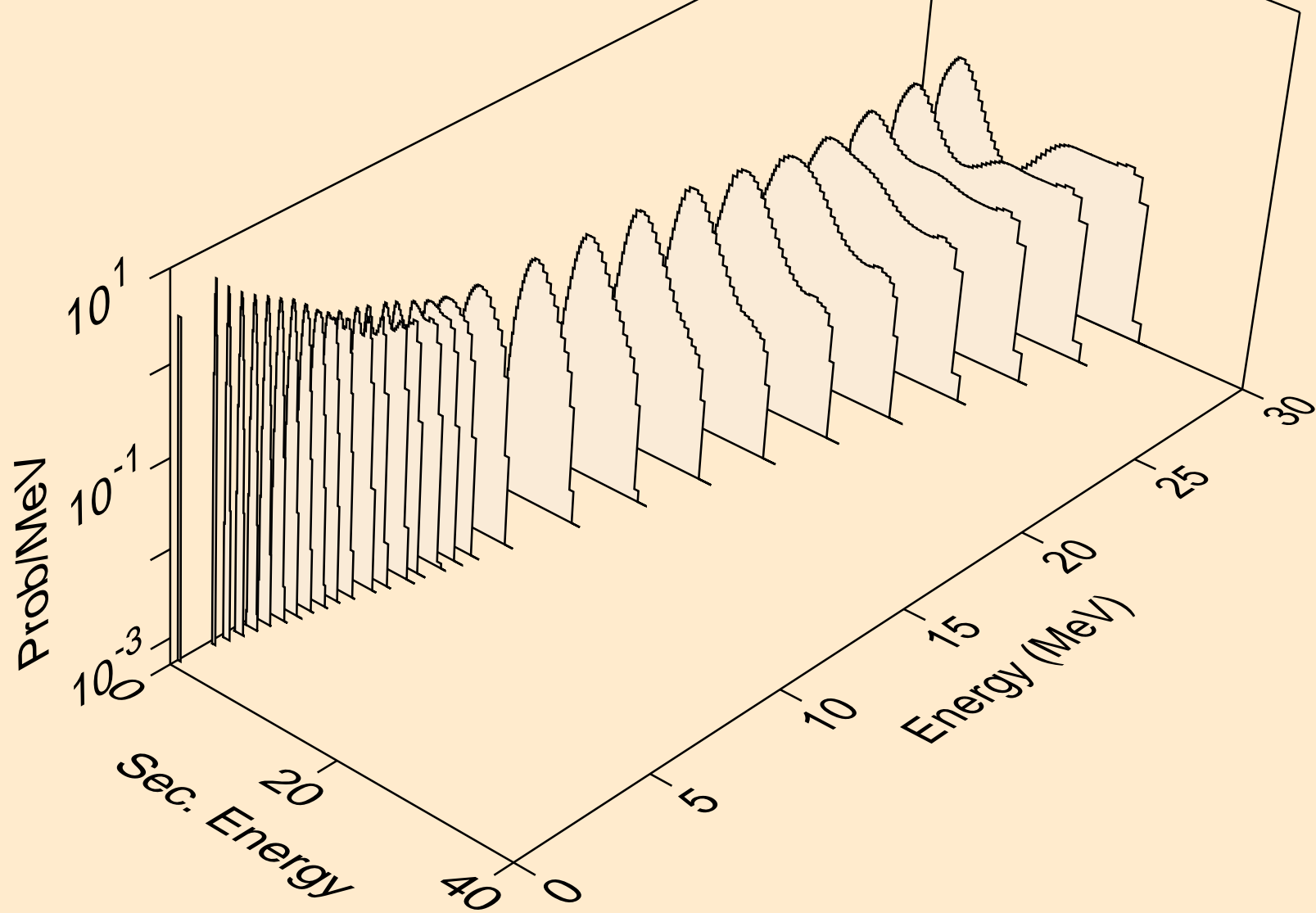
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protons from (n,npa)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

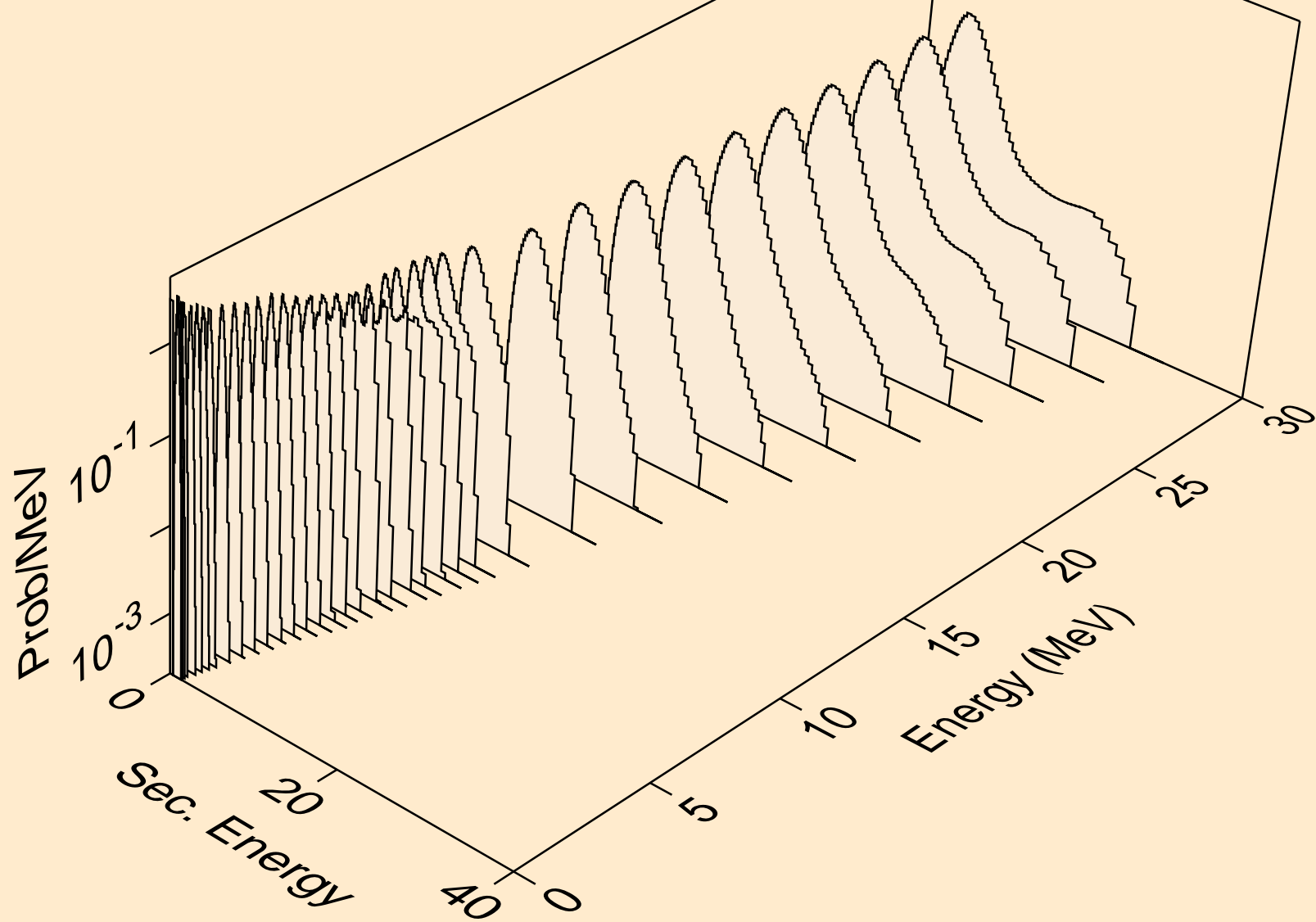


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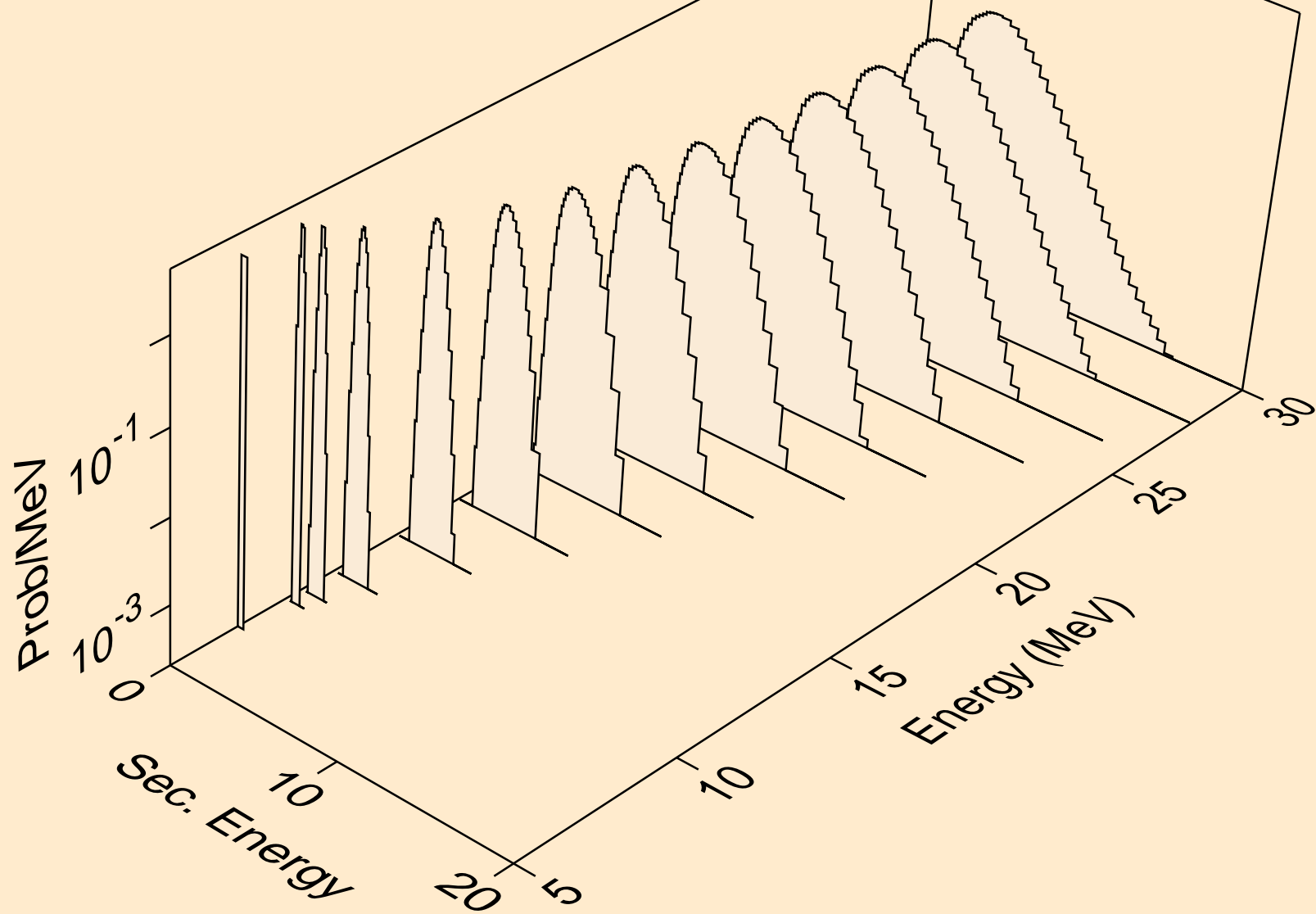




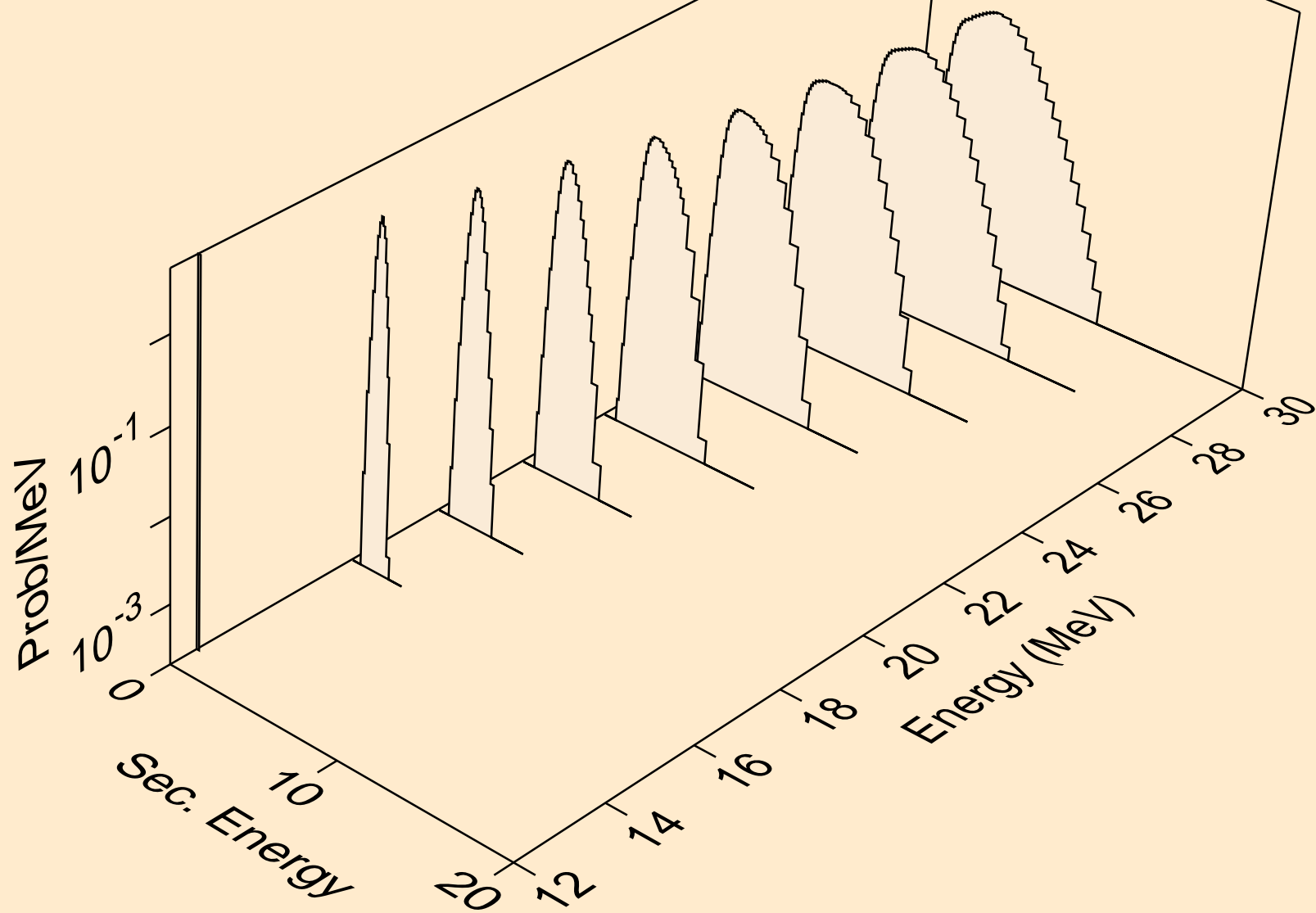
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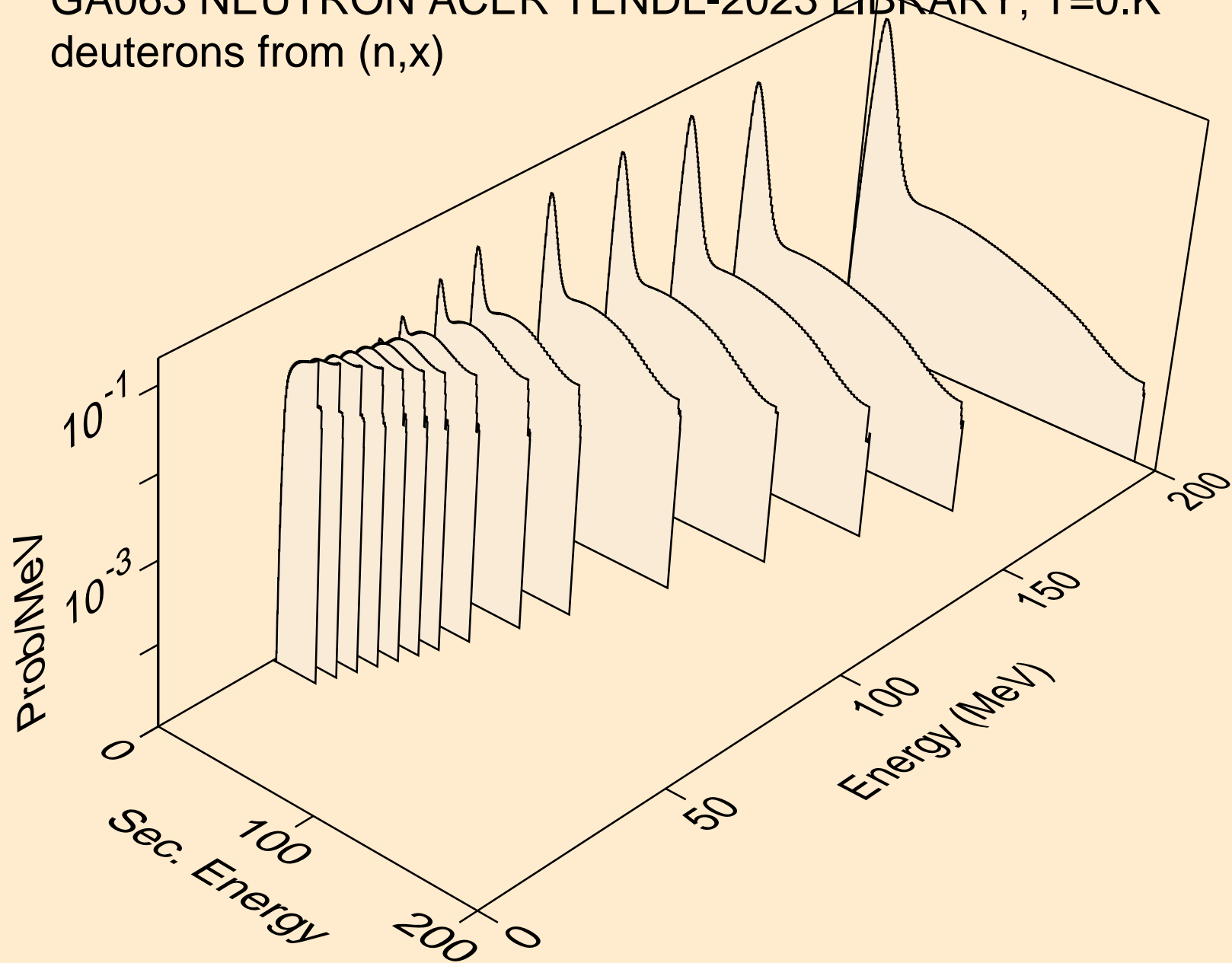
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protons from (n,pd)



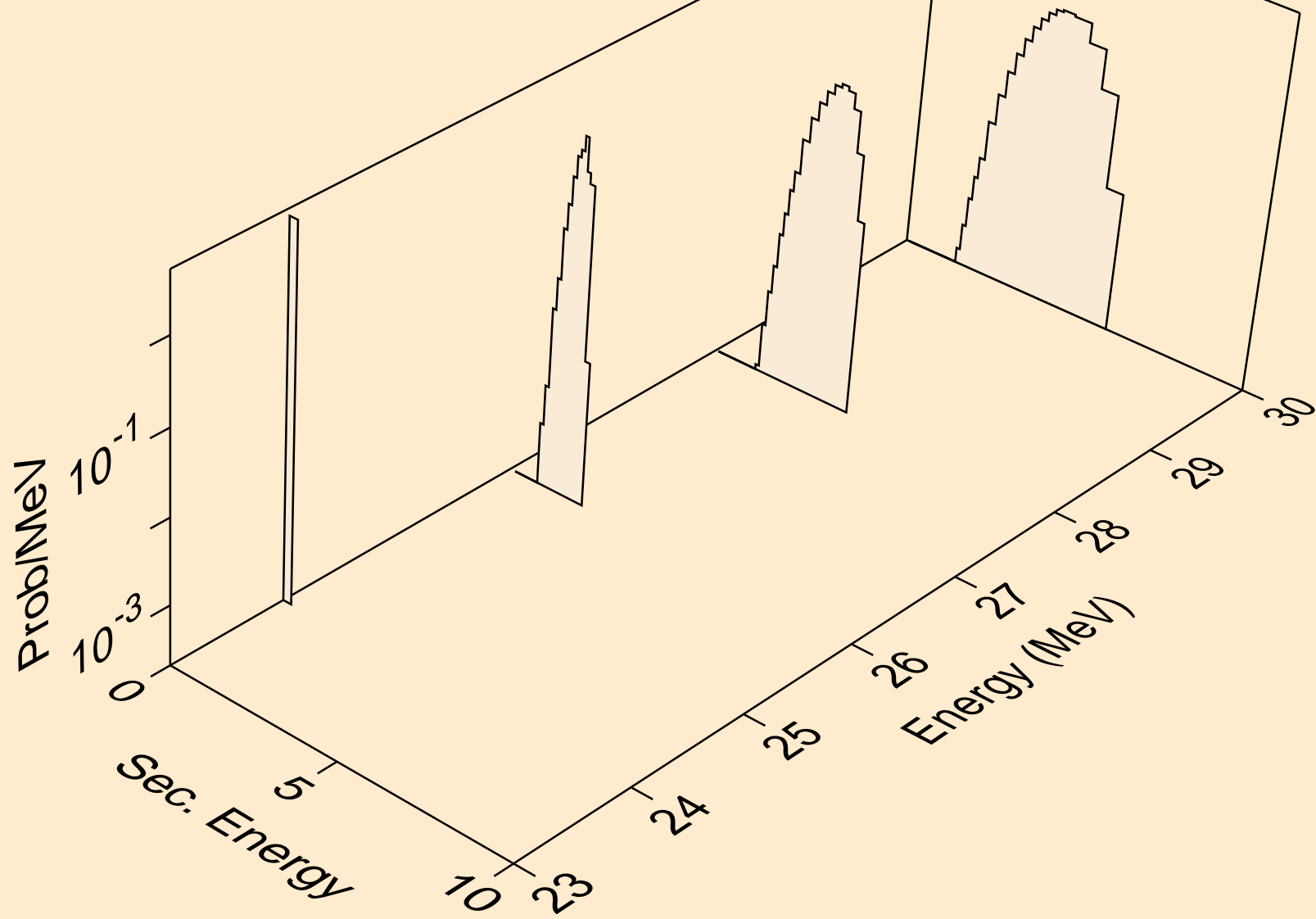
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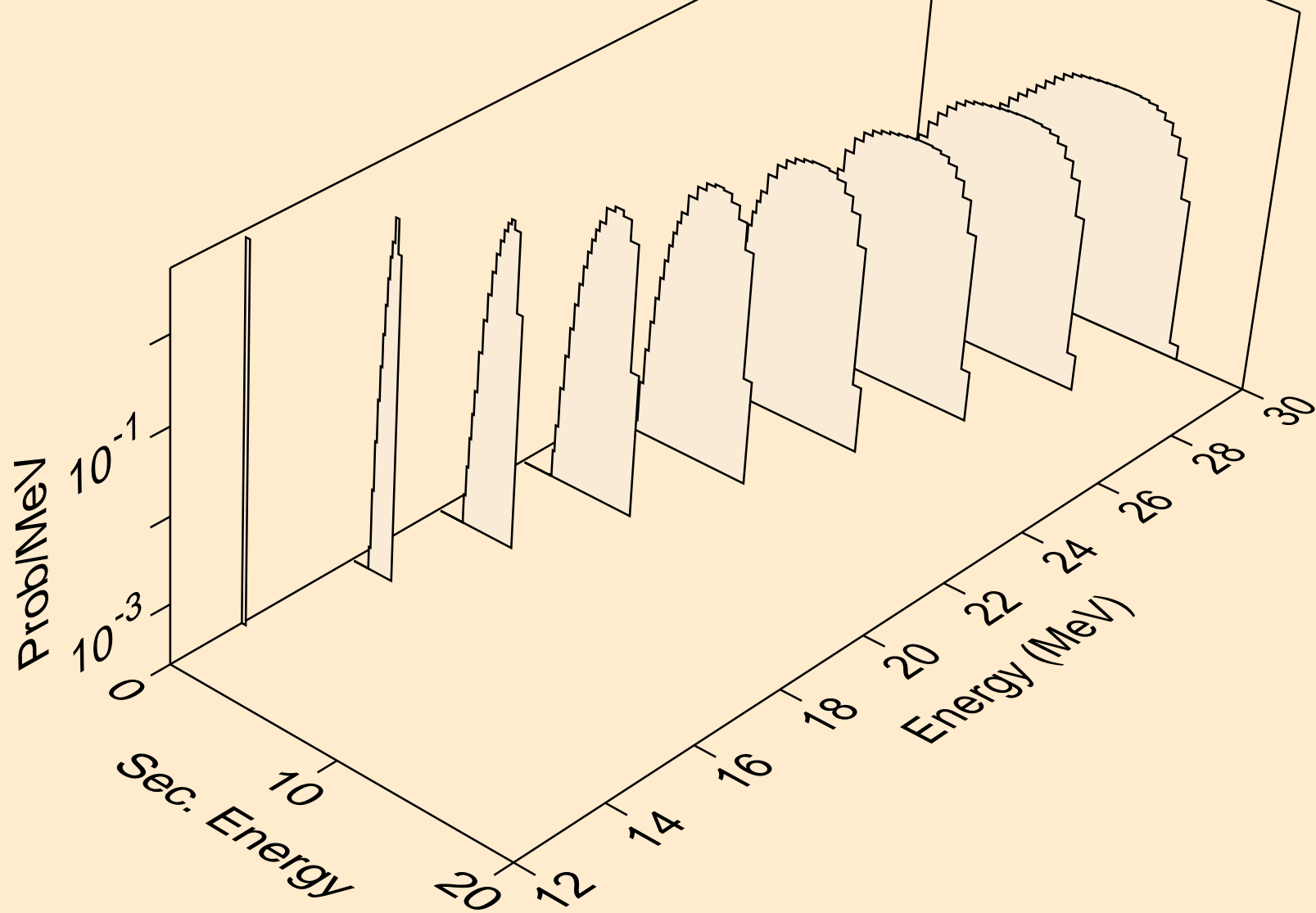
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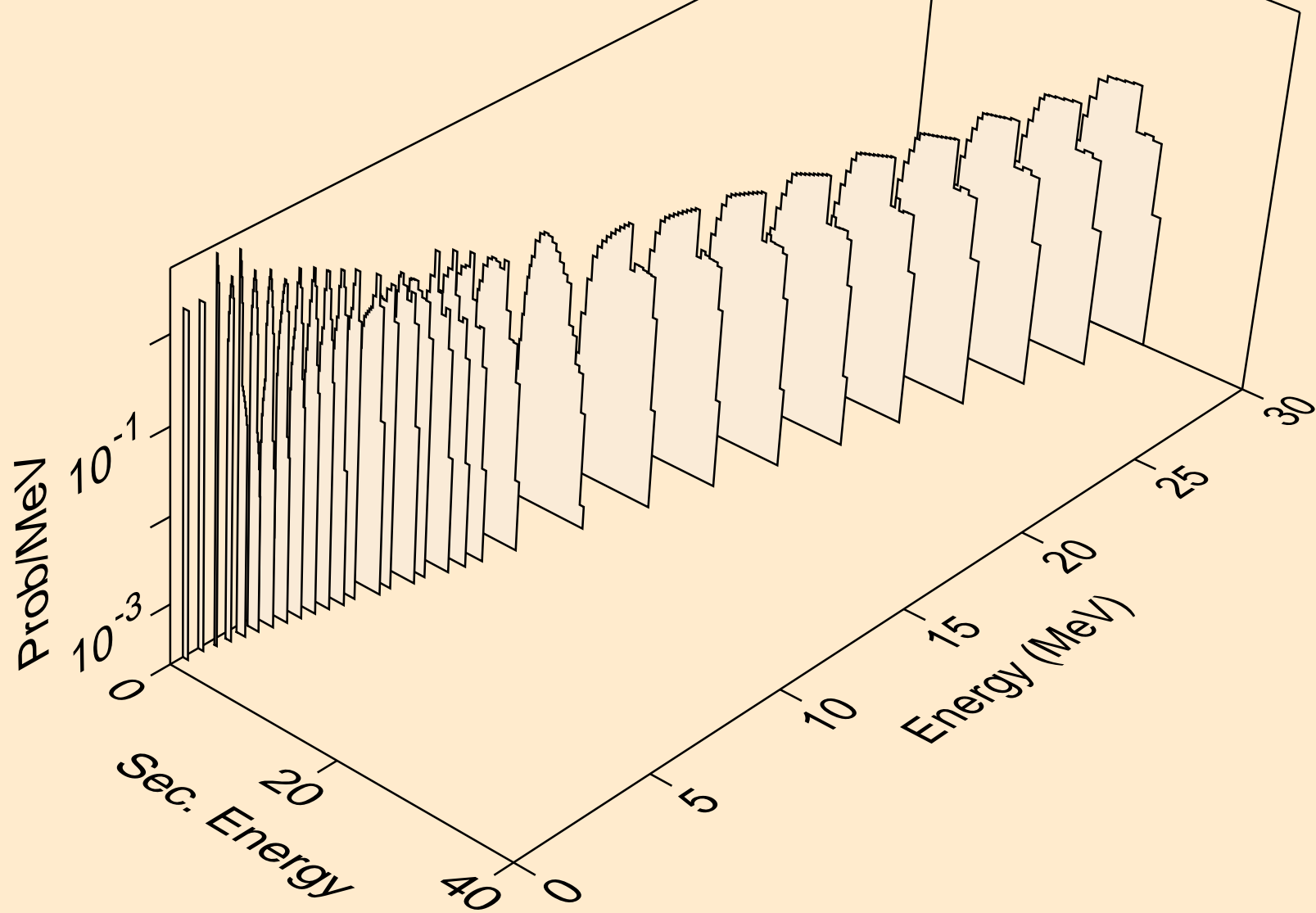
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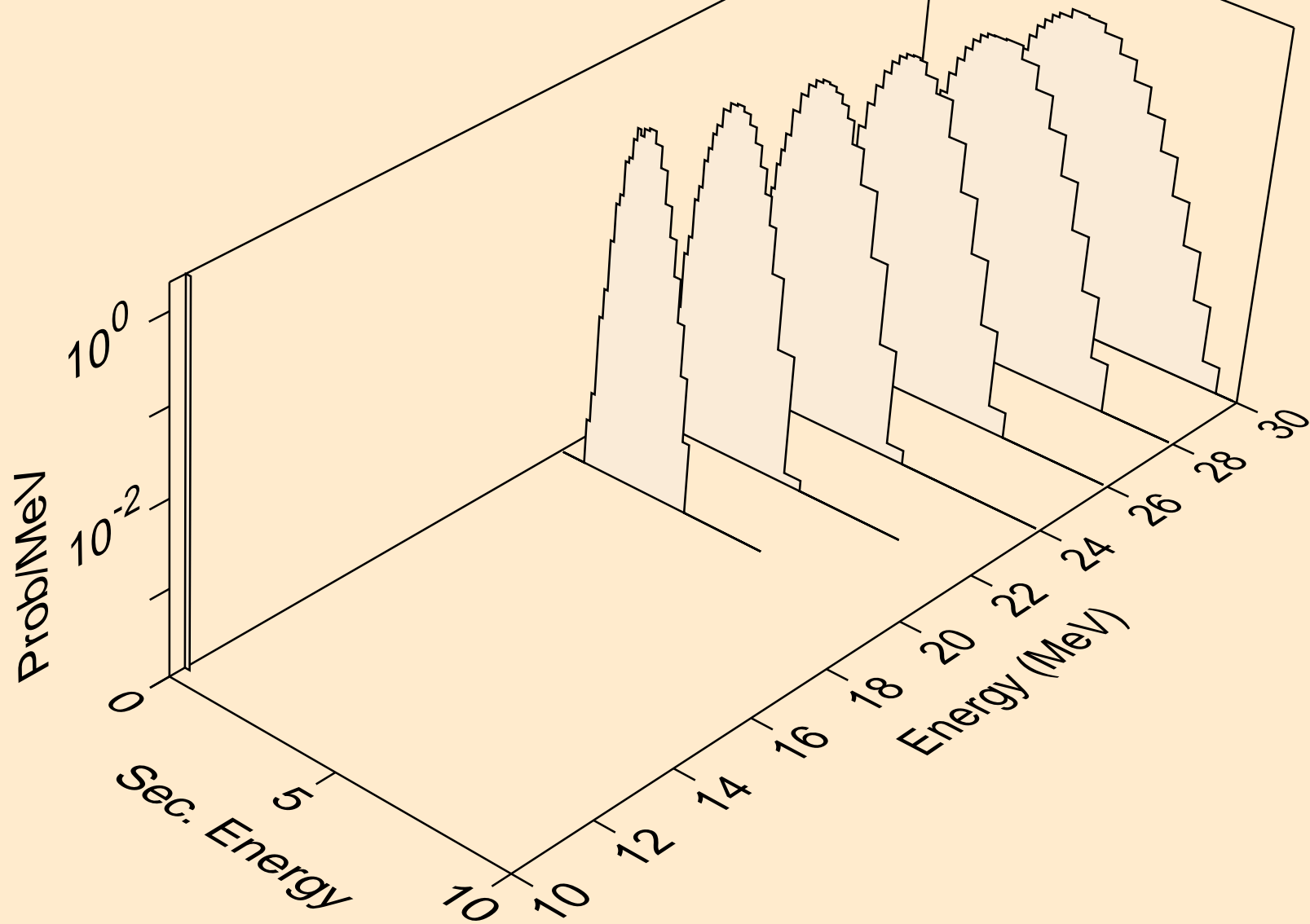
GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



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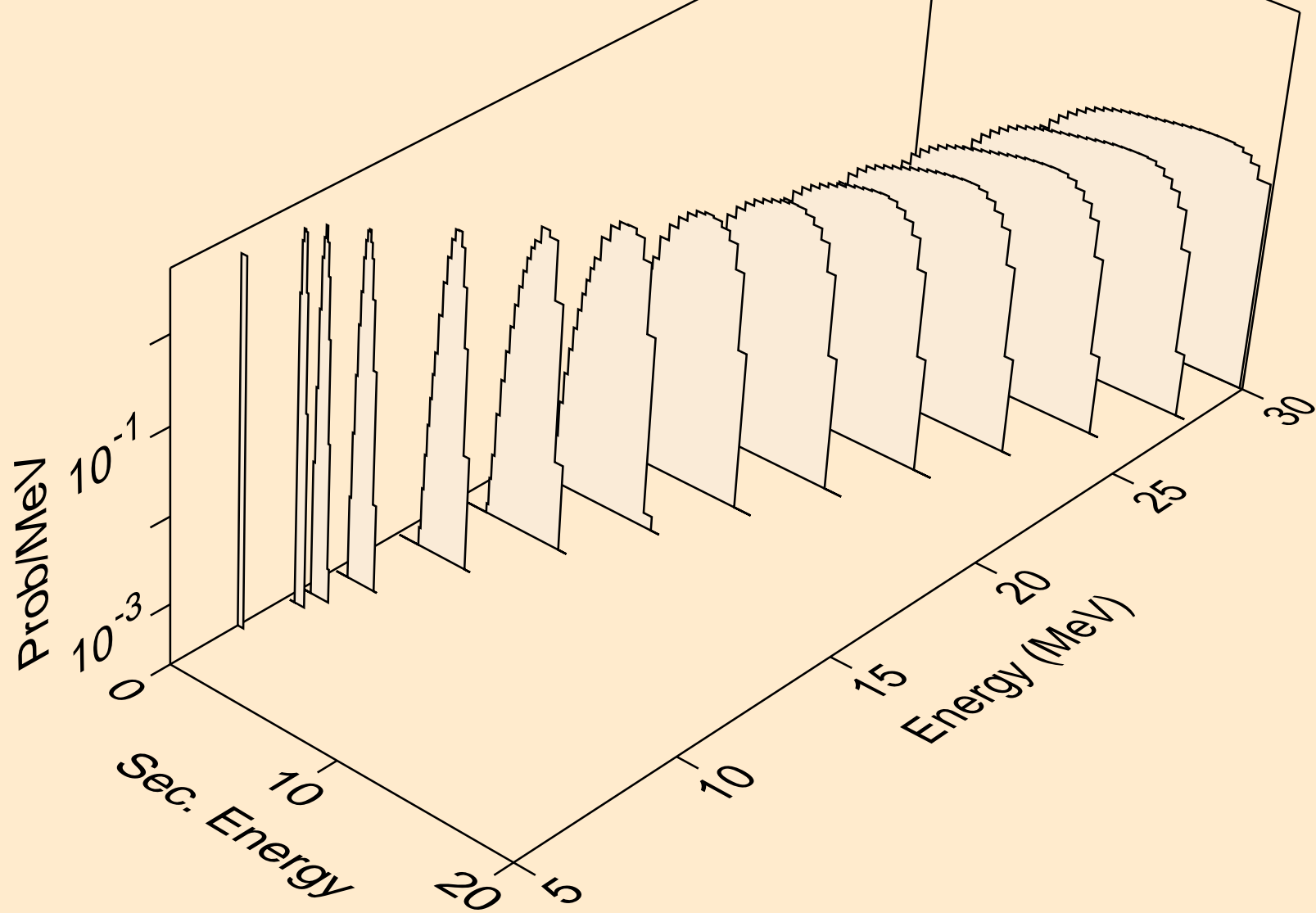


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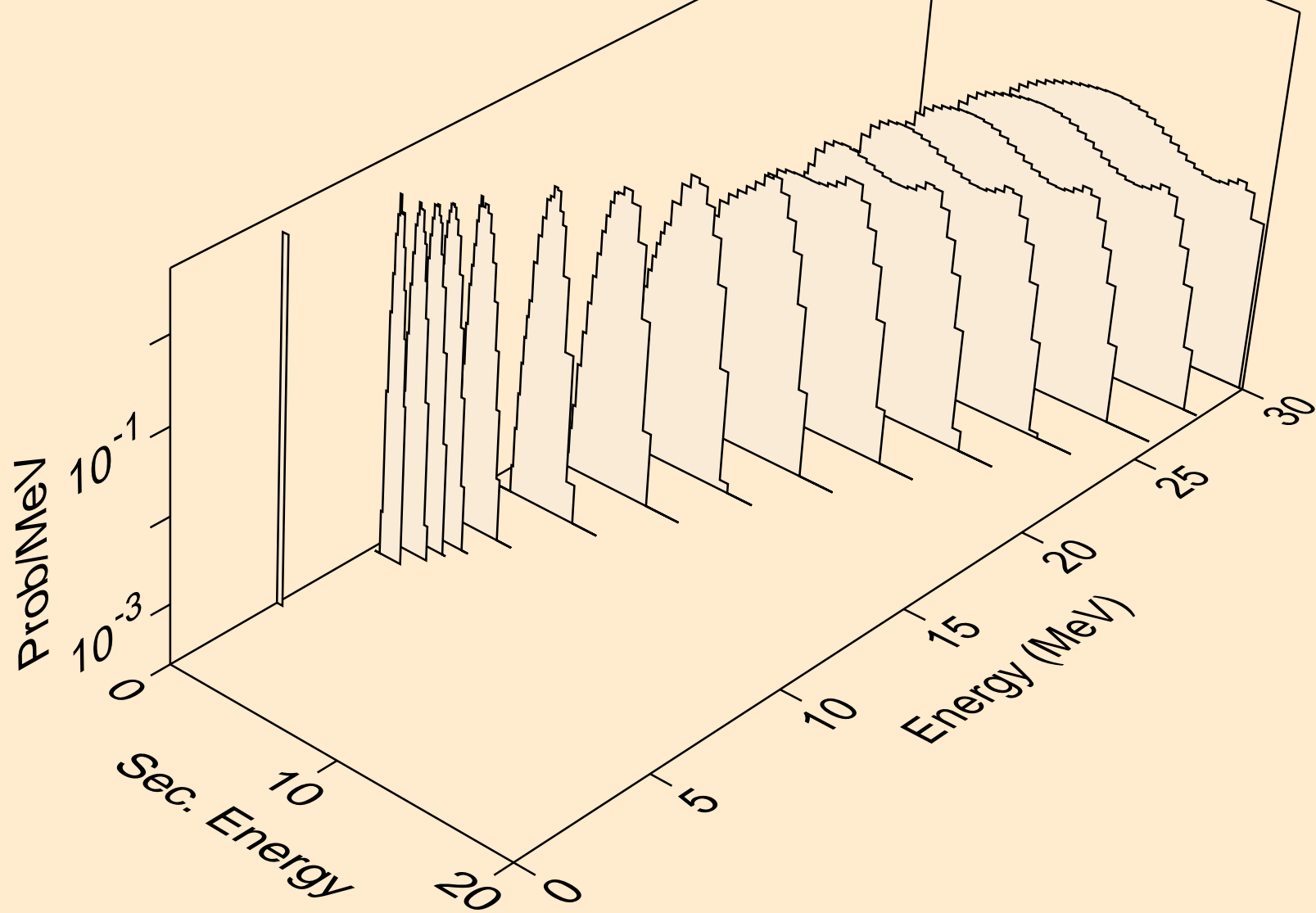




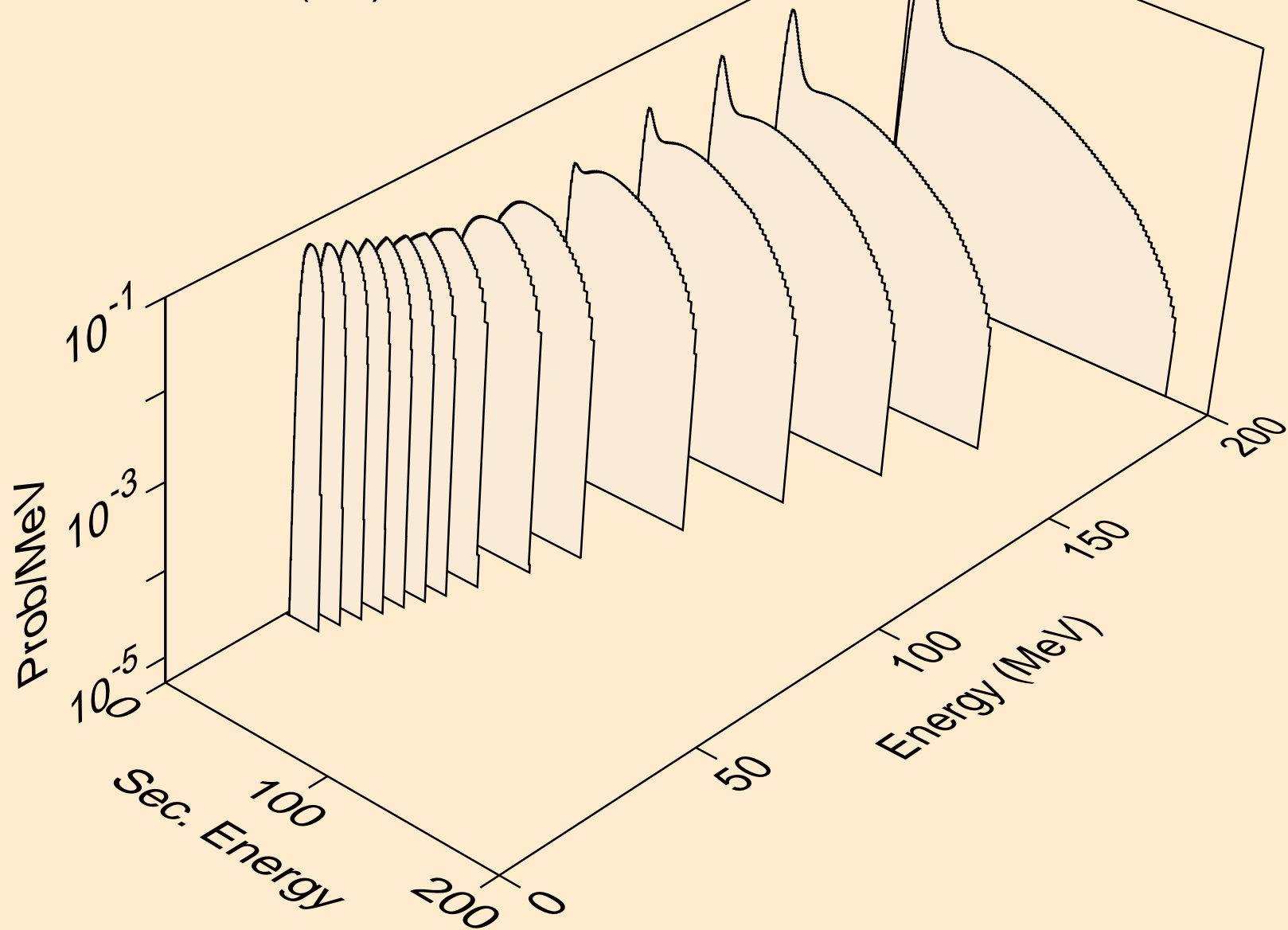
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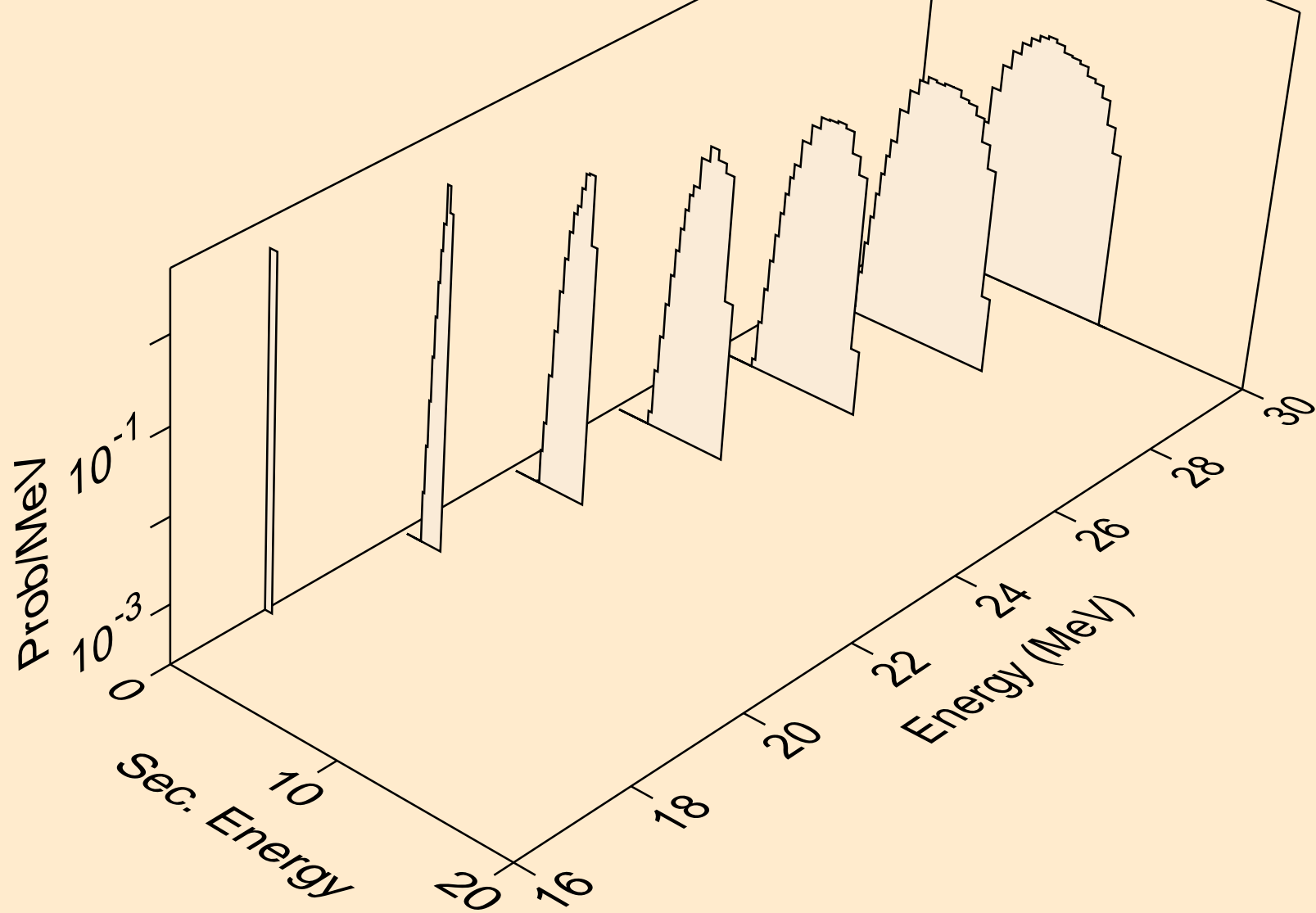
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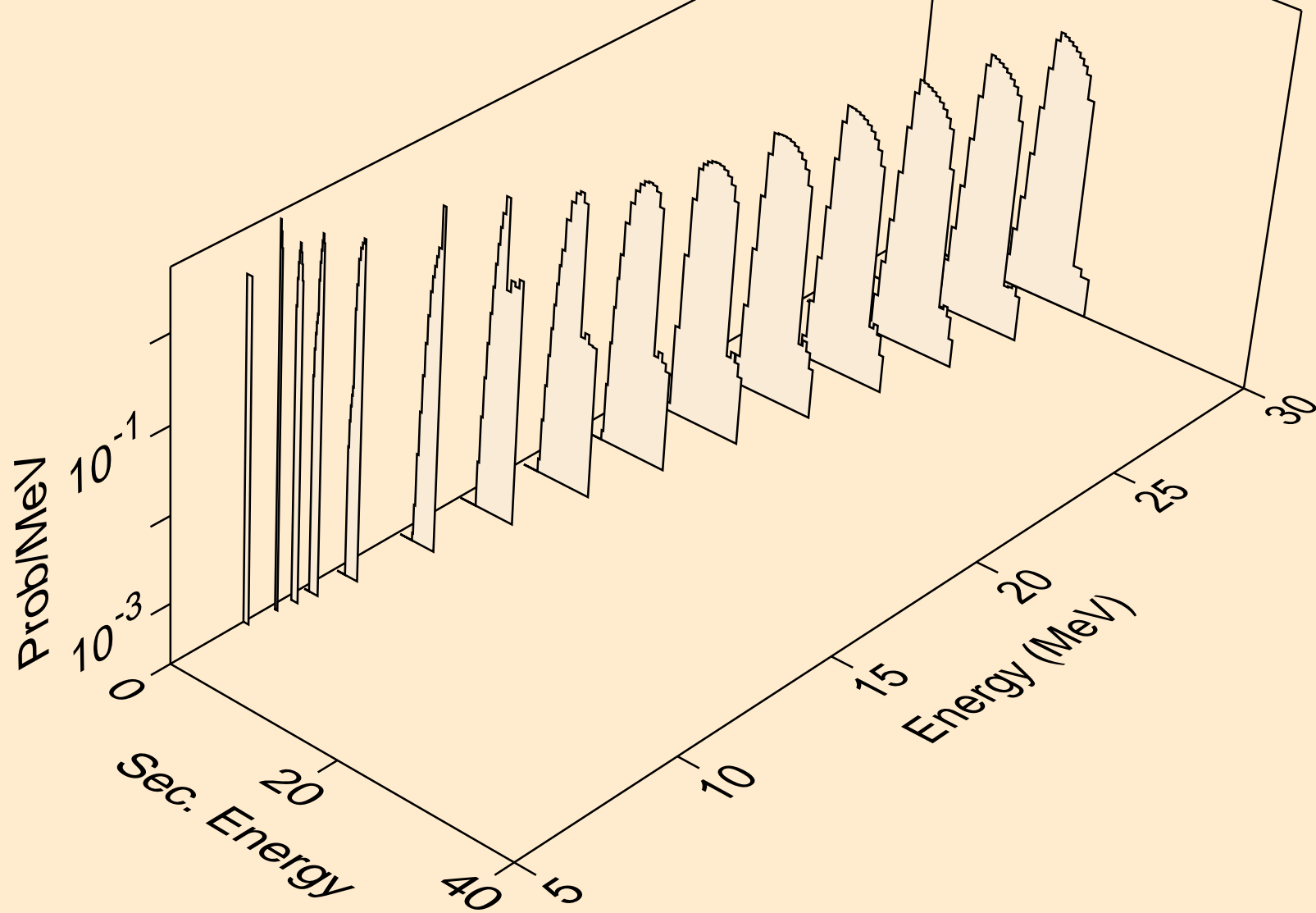
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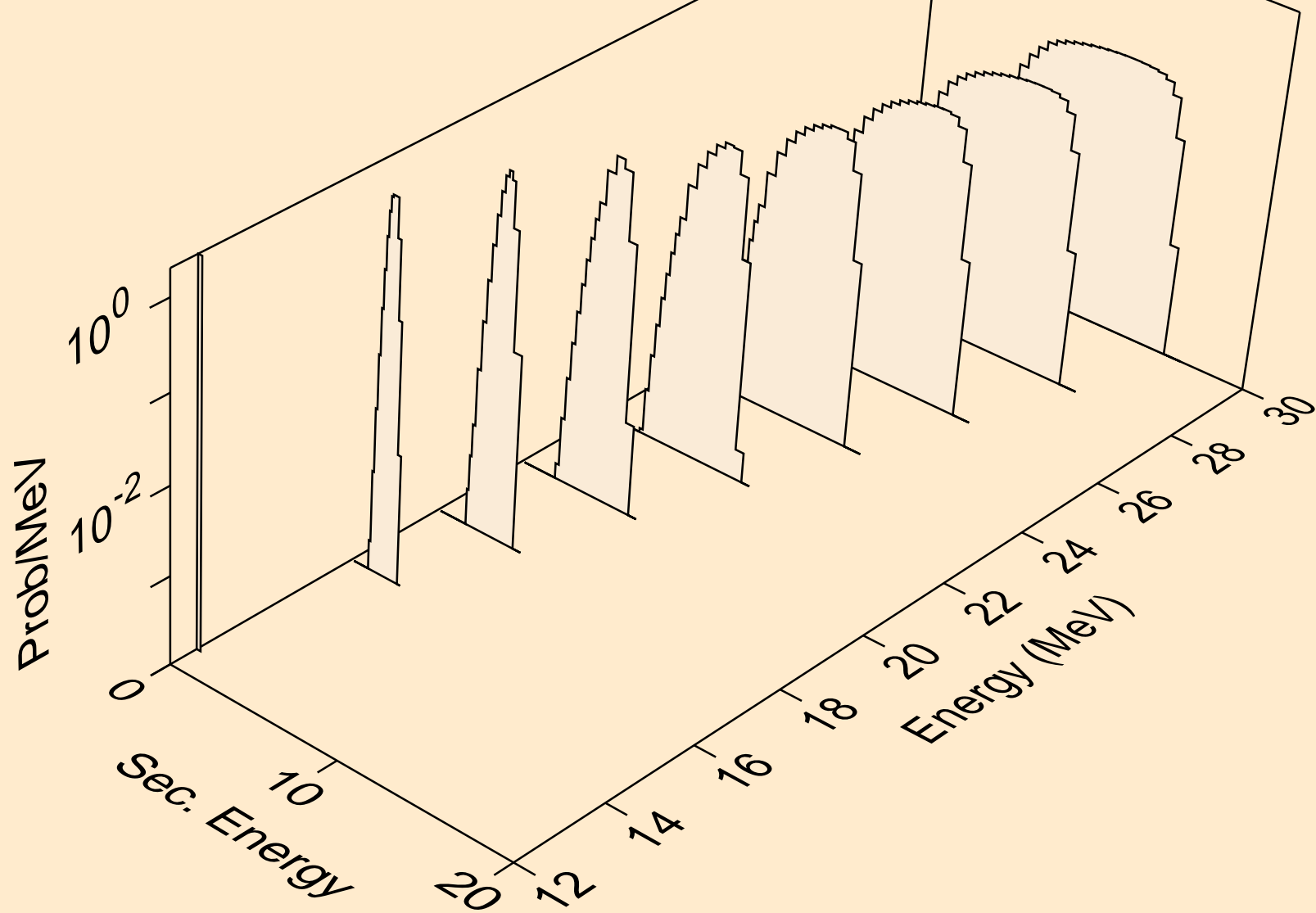
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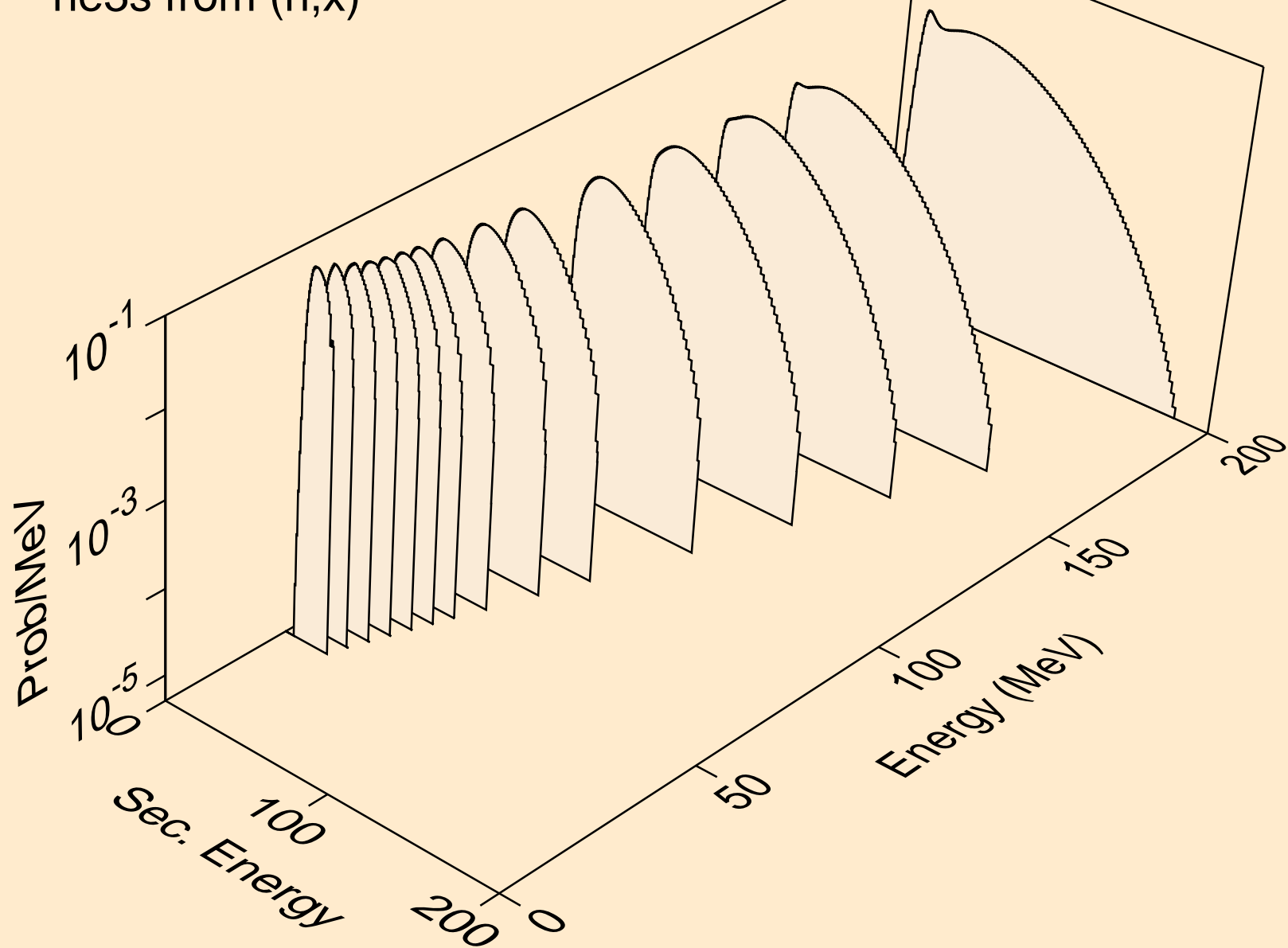
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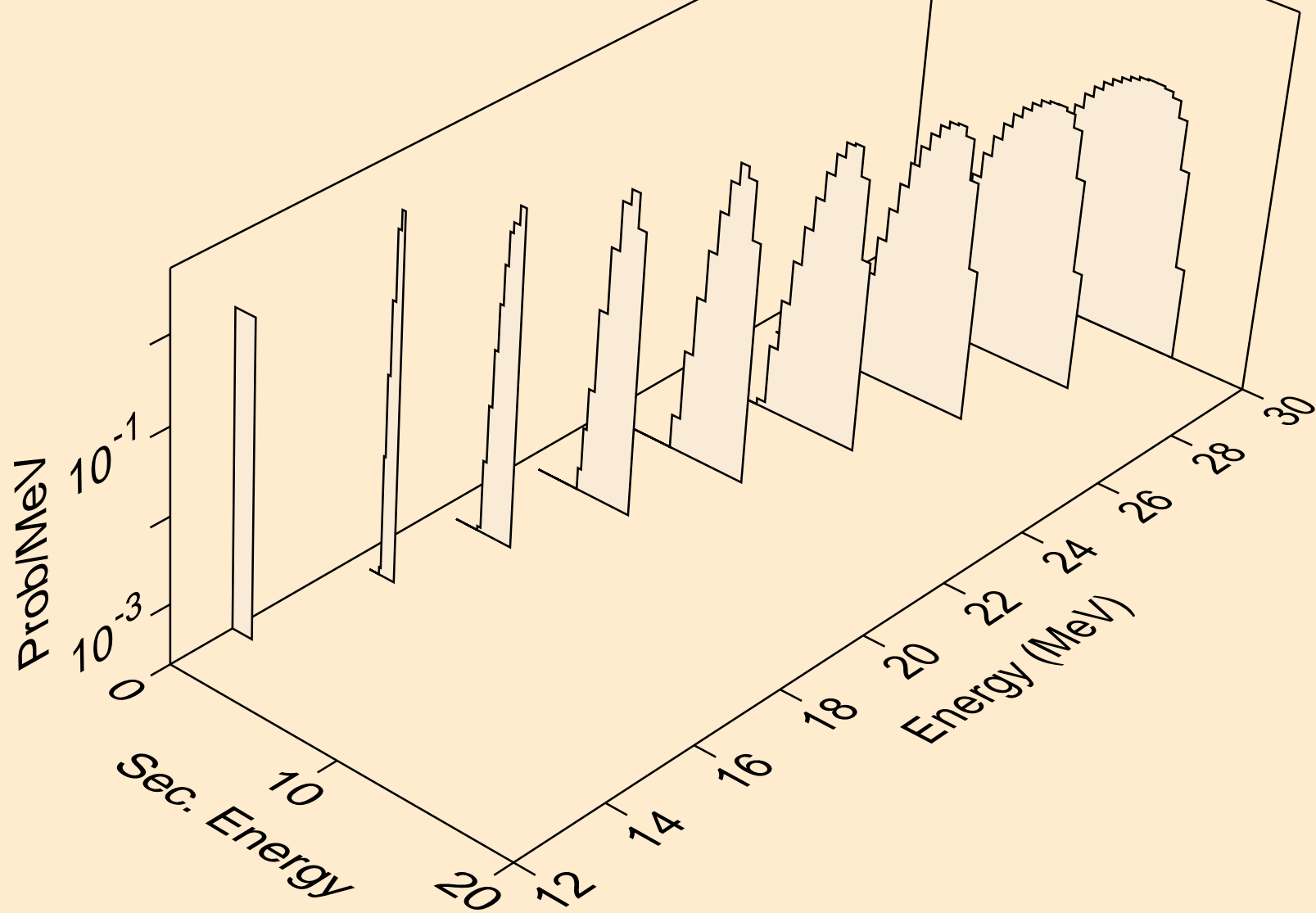
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tritons from (n,pt)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

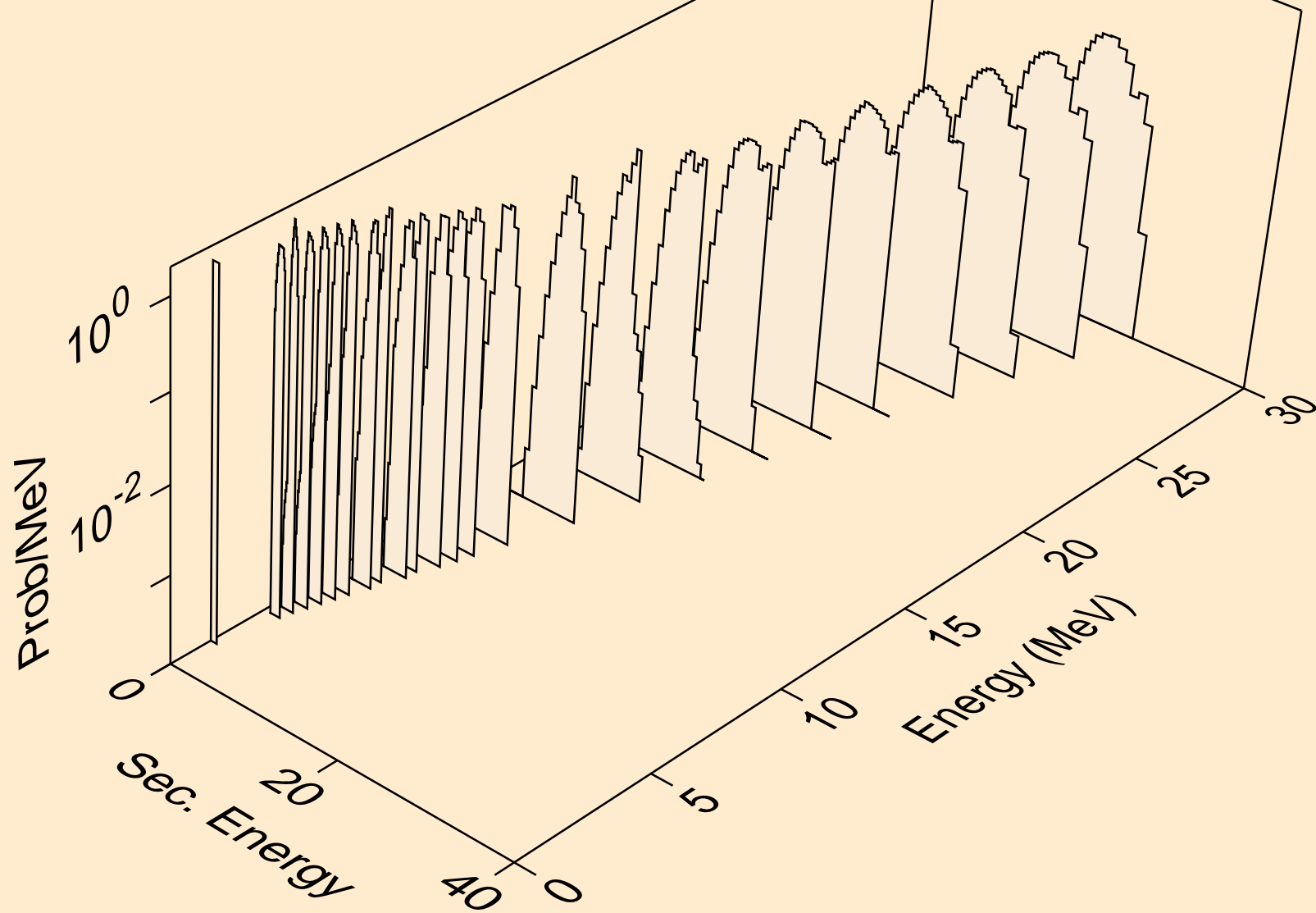


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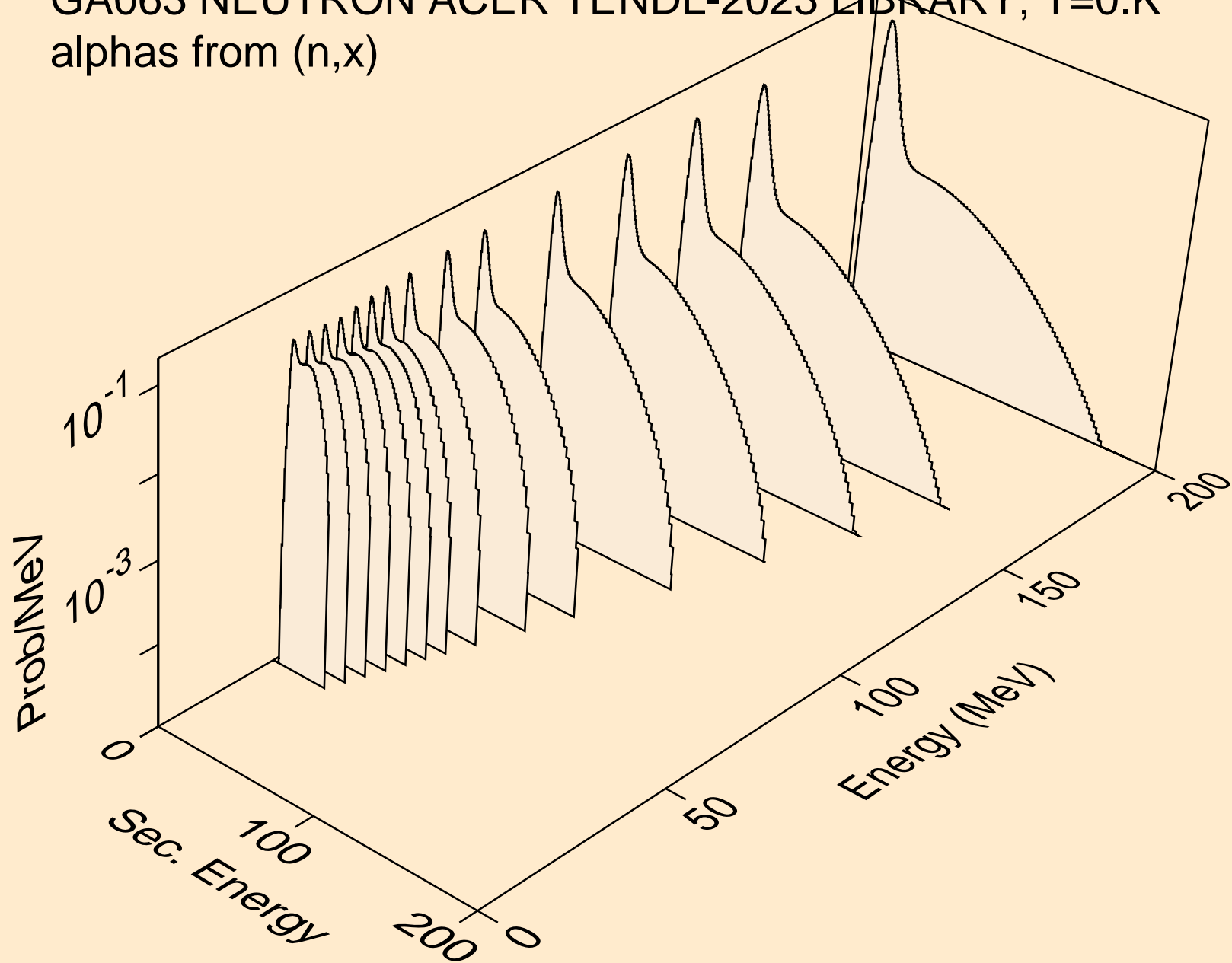




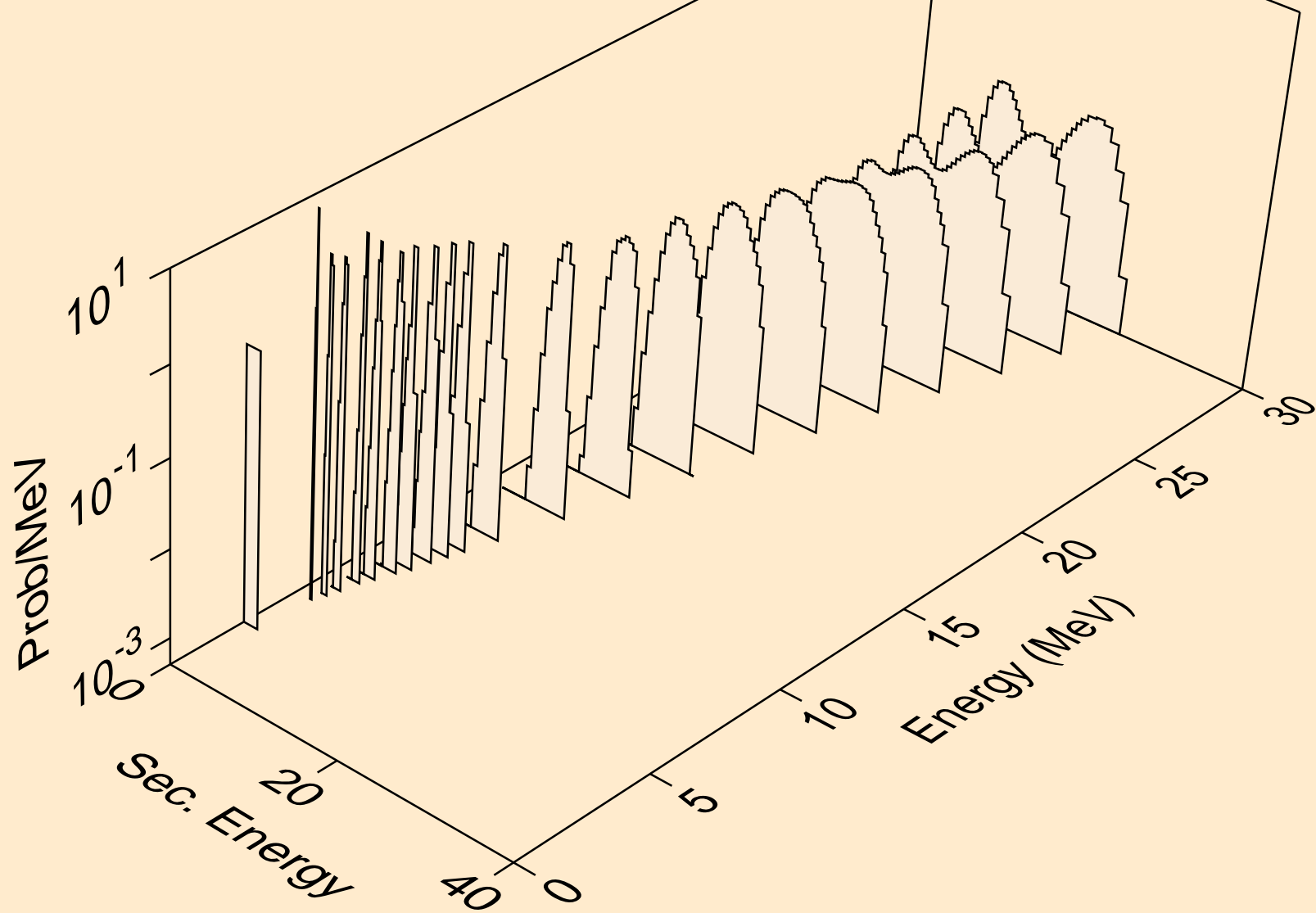
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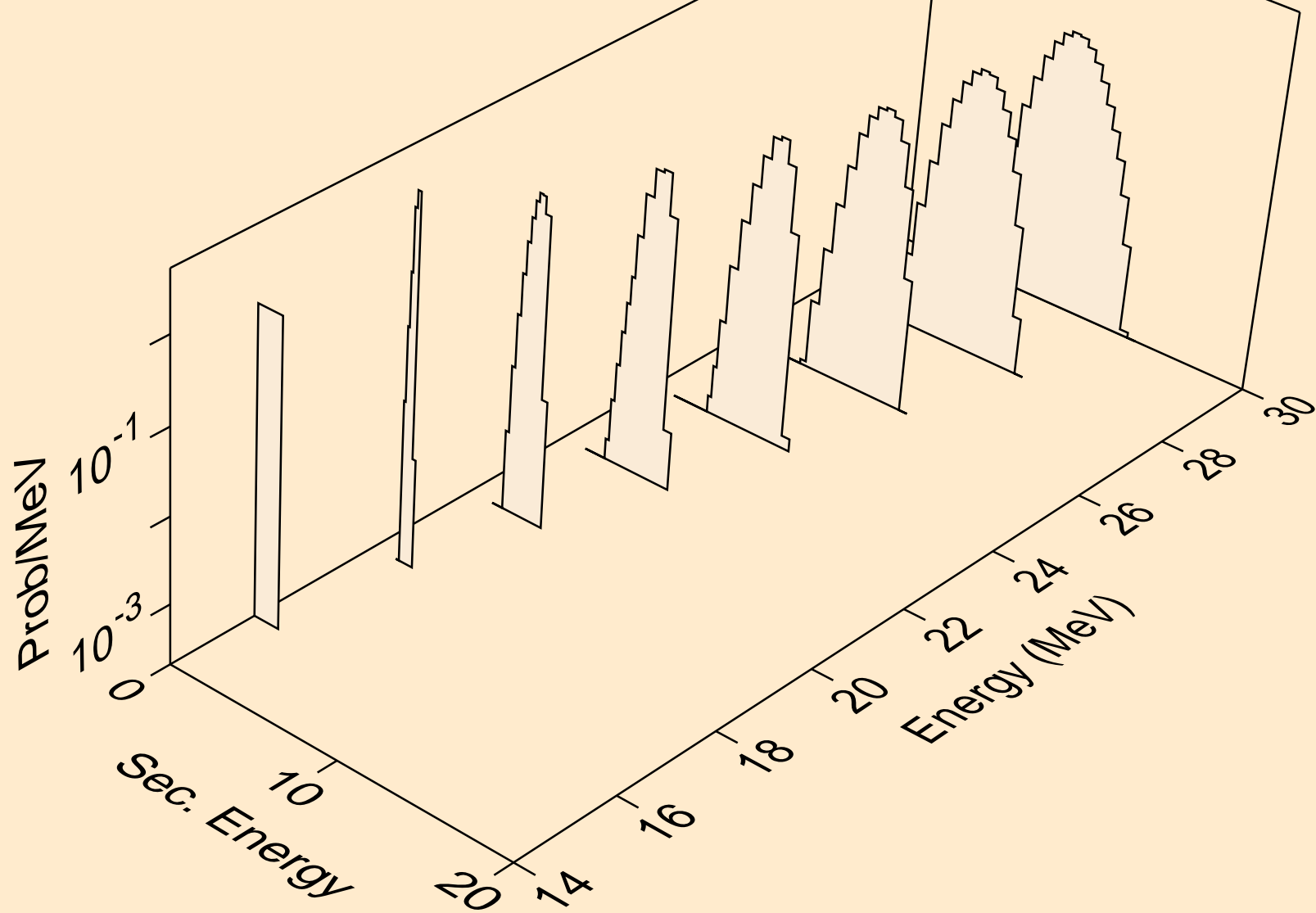
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alphas from (n,x)



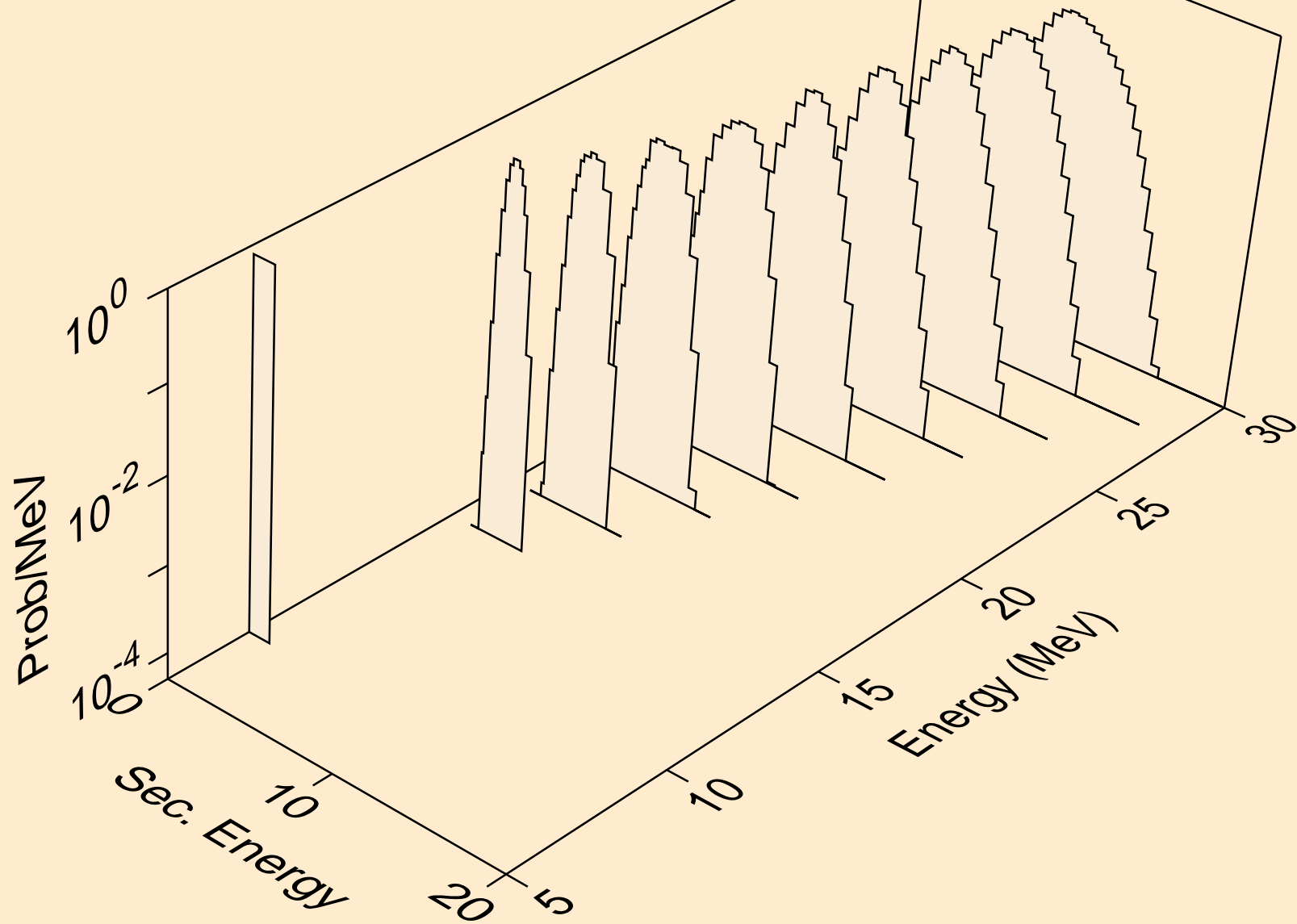
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alphas from (n,n\*)a



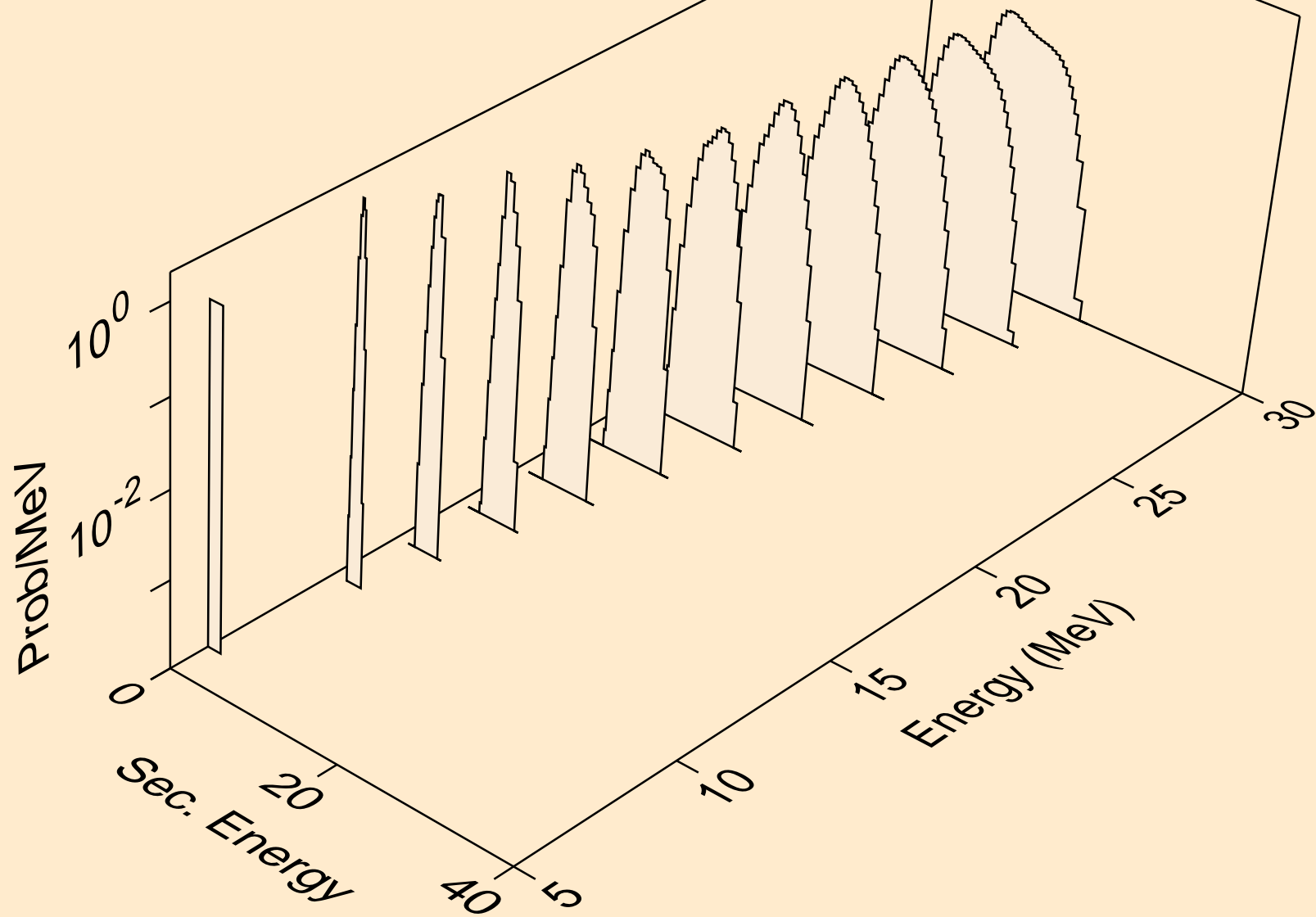
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alphas from (n,2n)a



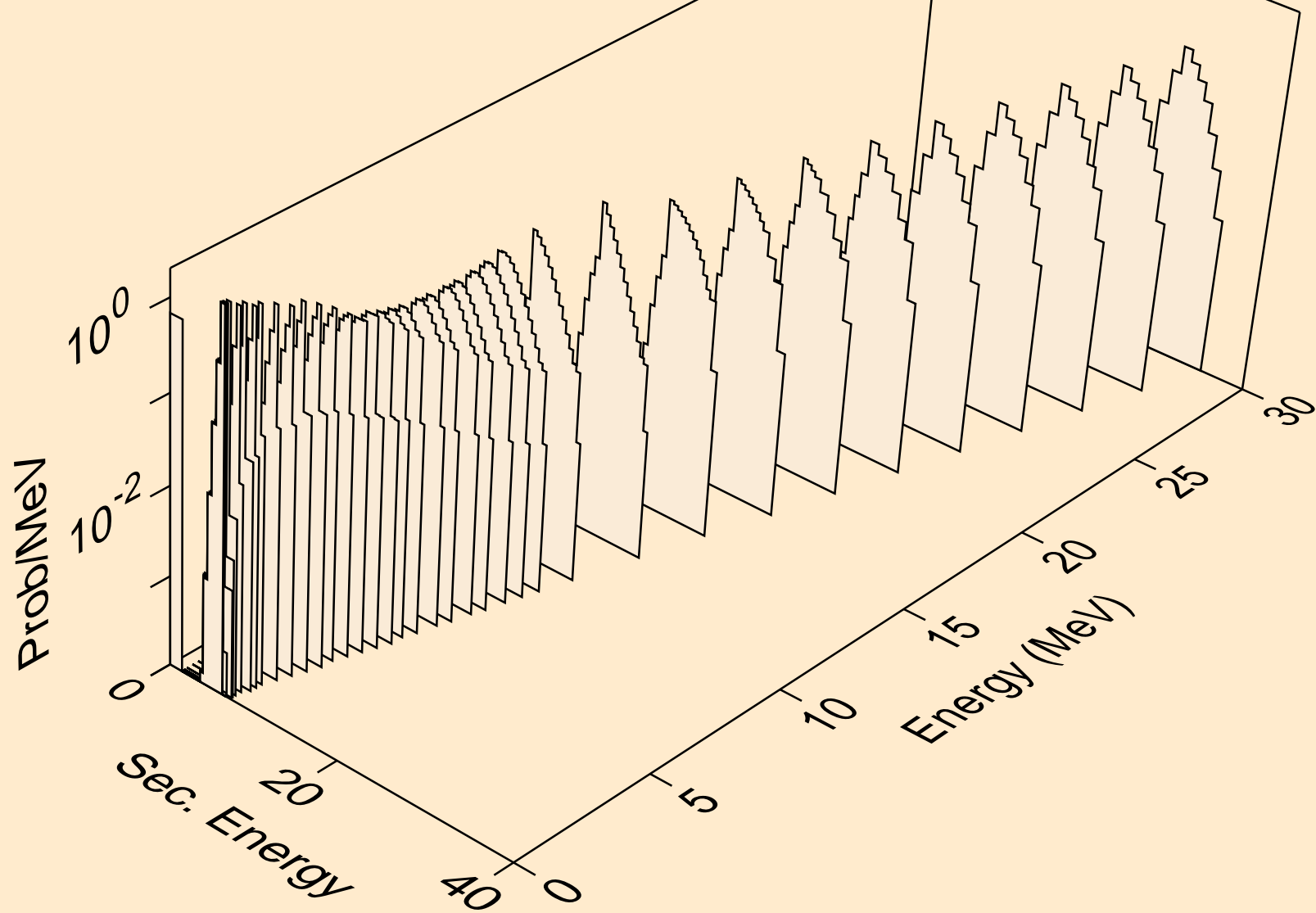
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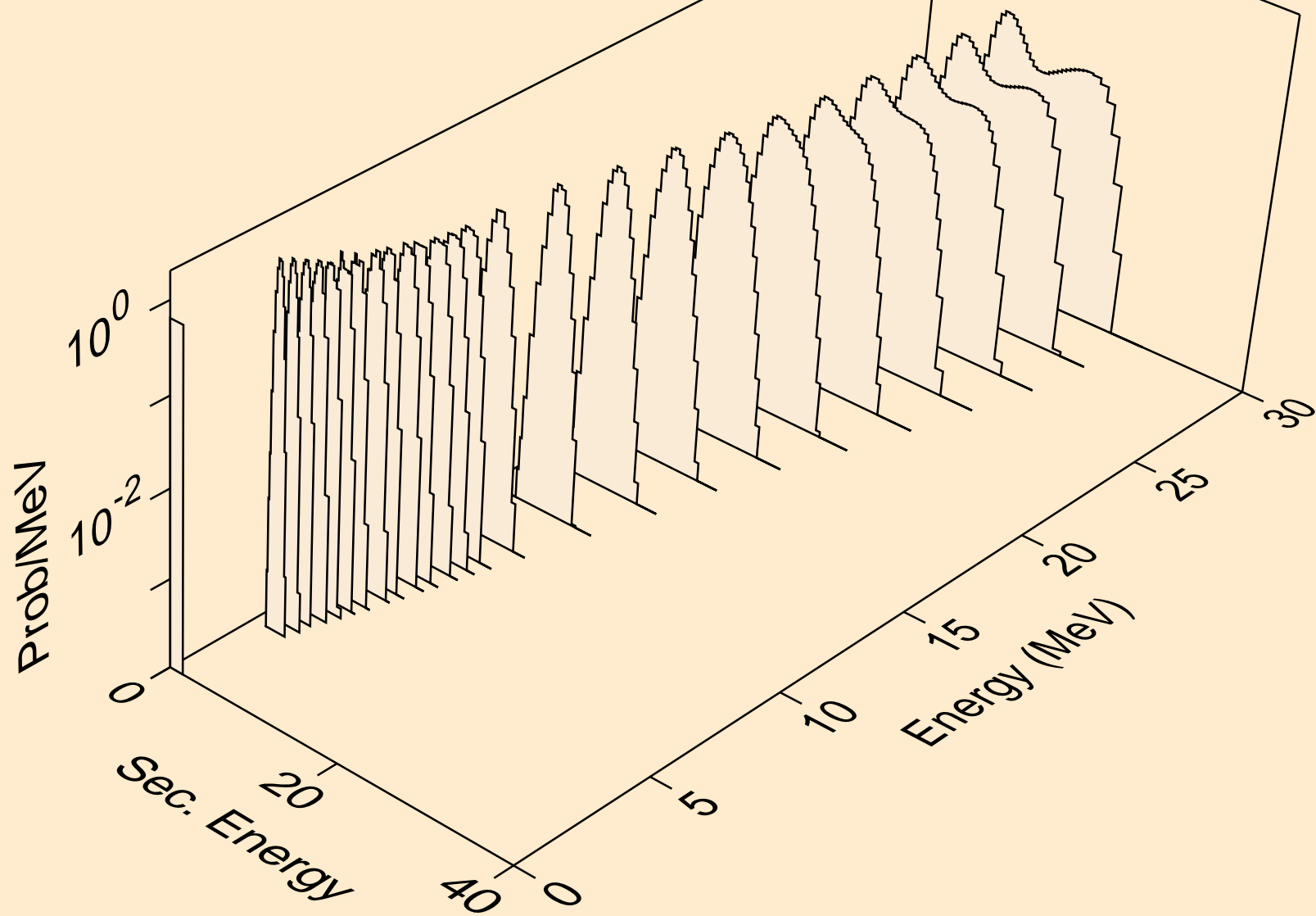
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alphas from (n,npa)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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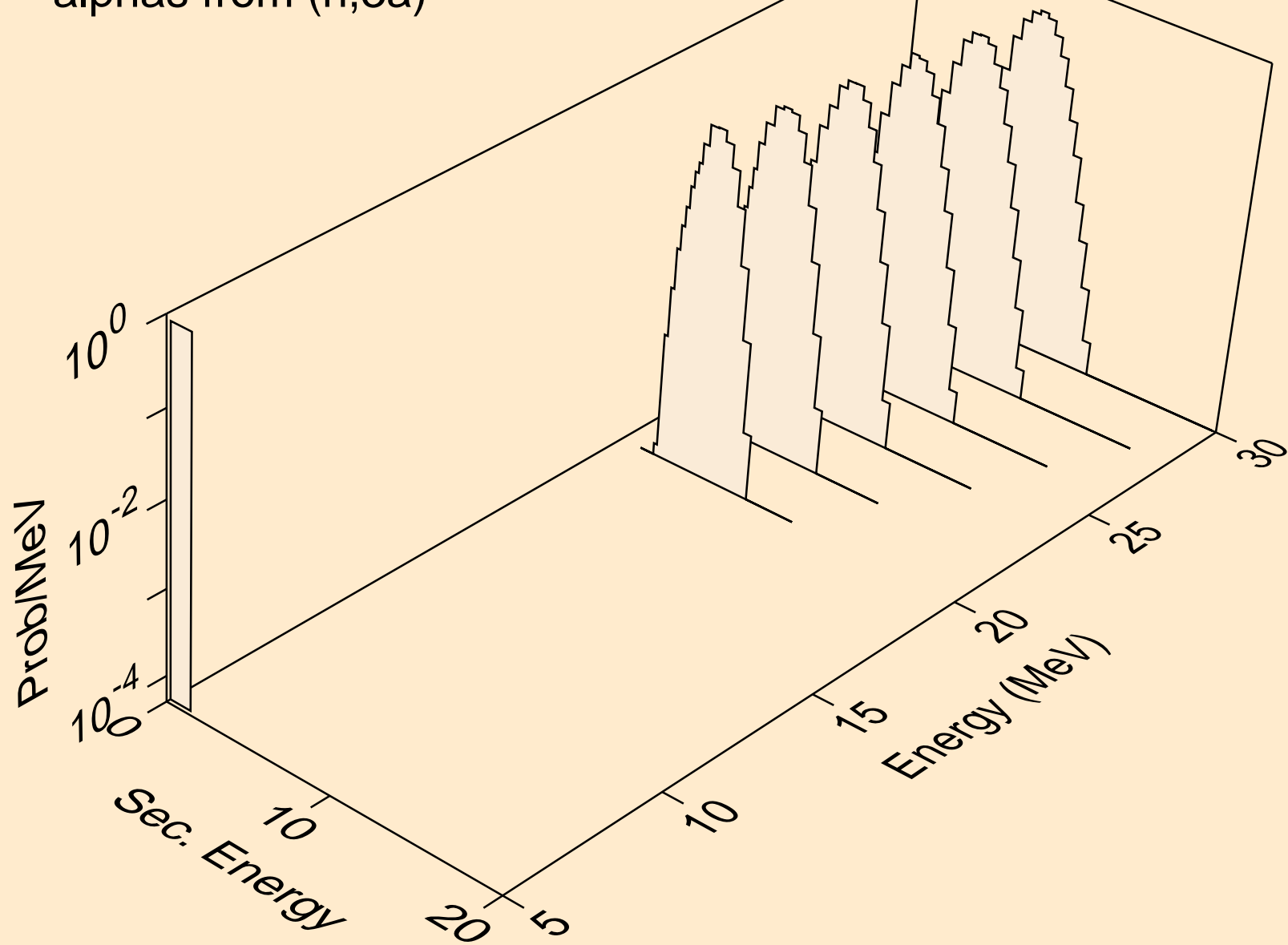


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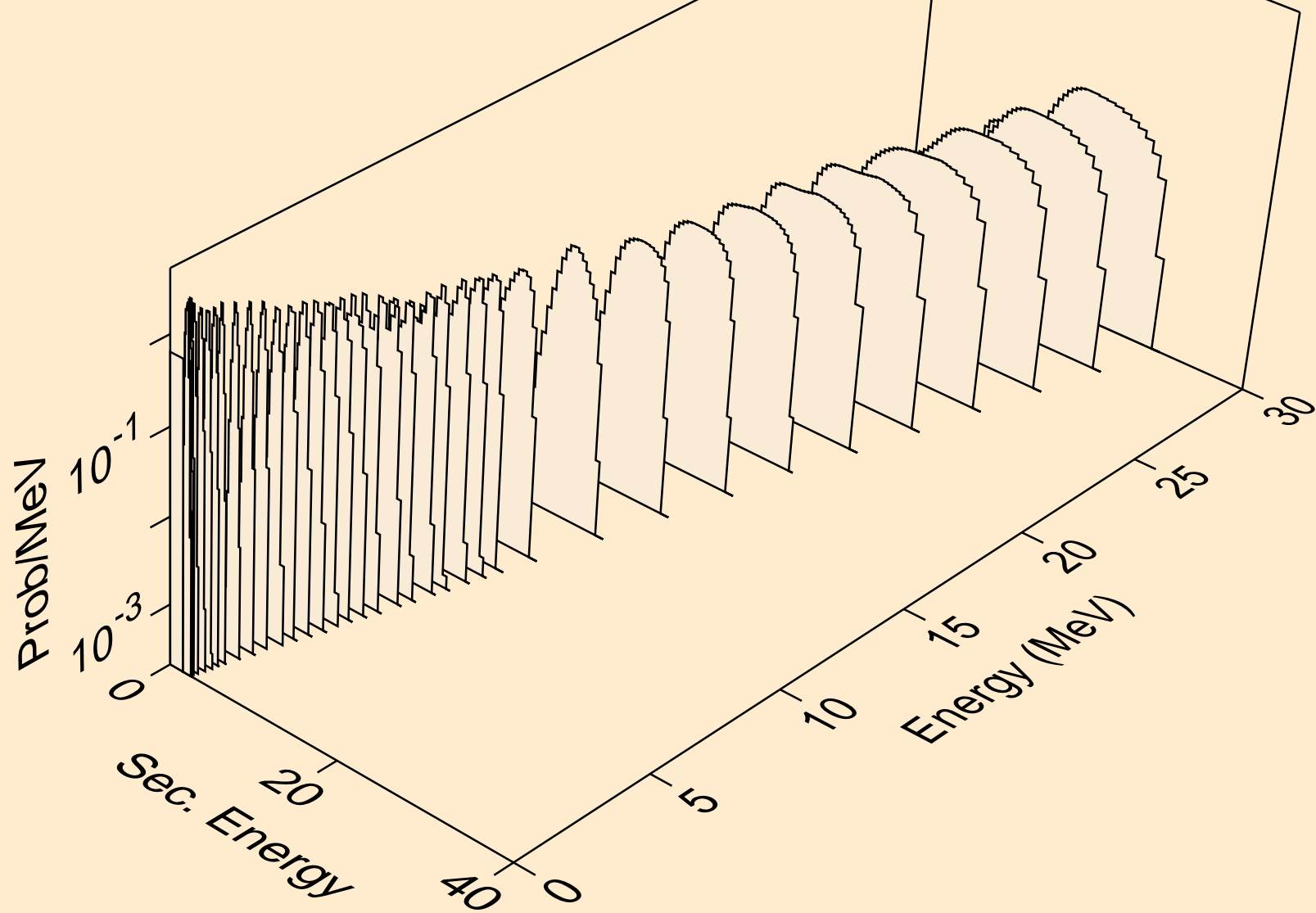




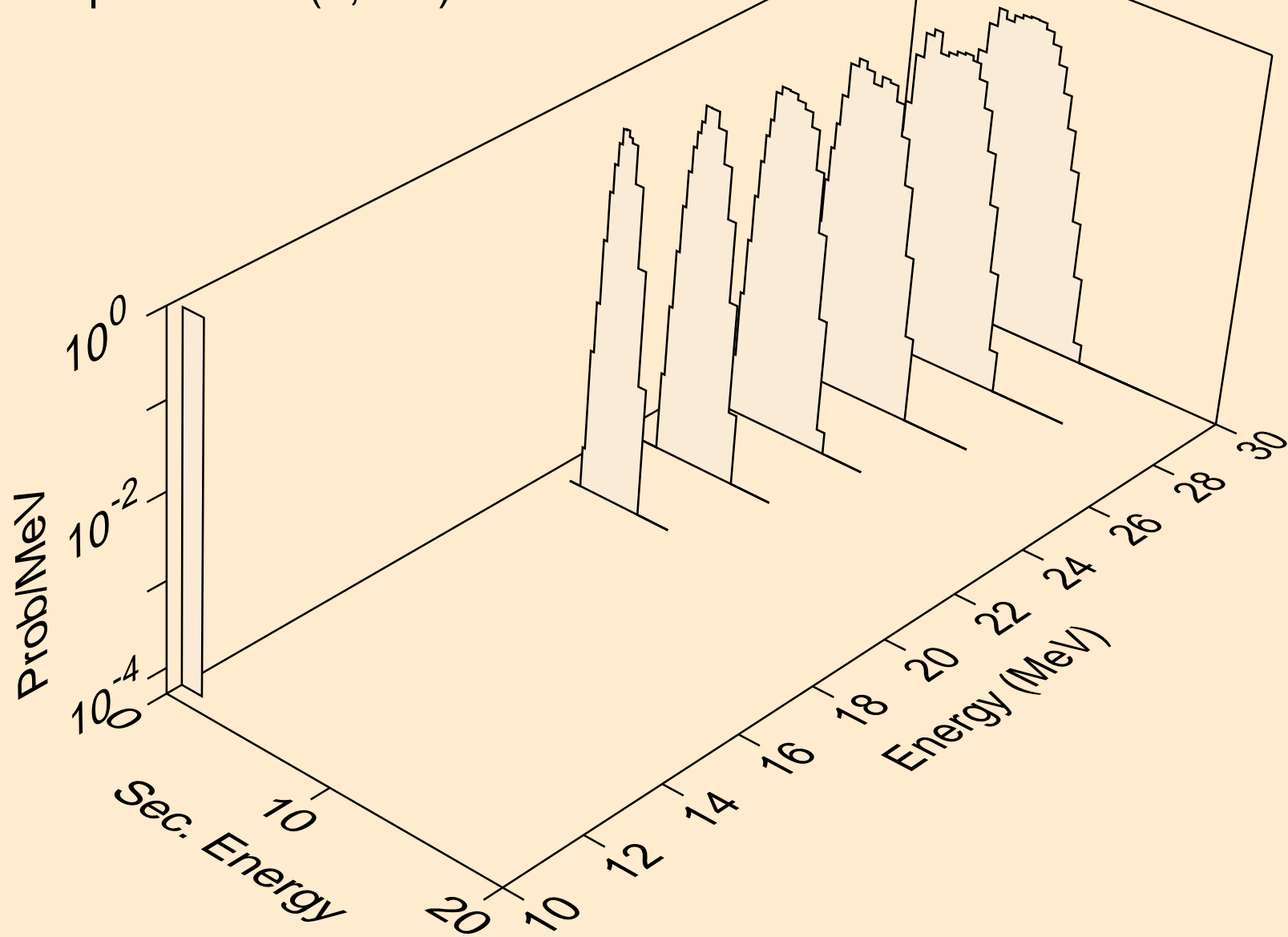
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alphas from (n,3a)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



GA063 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

