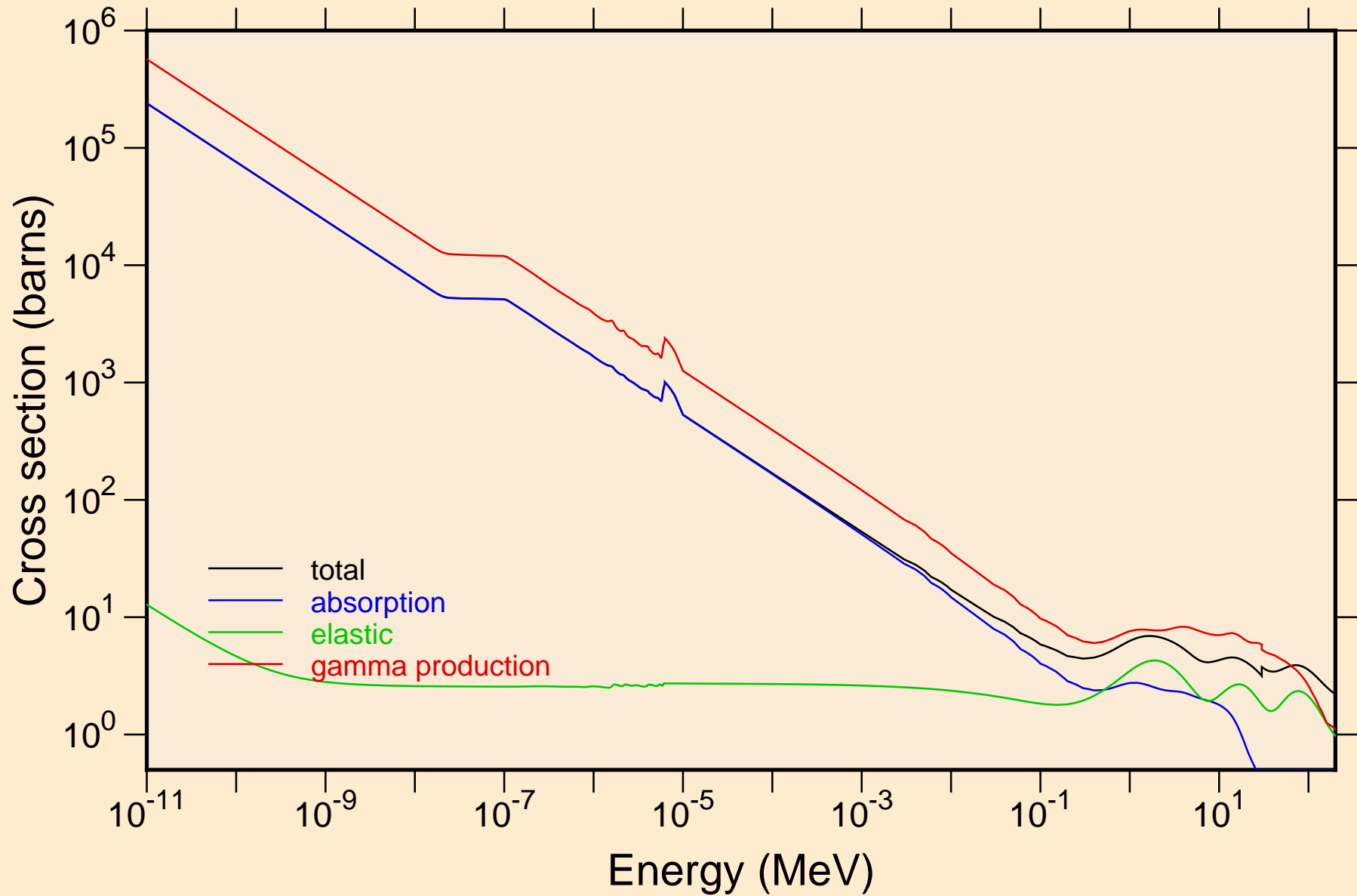
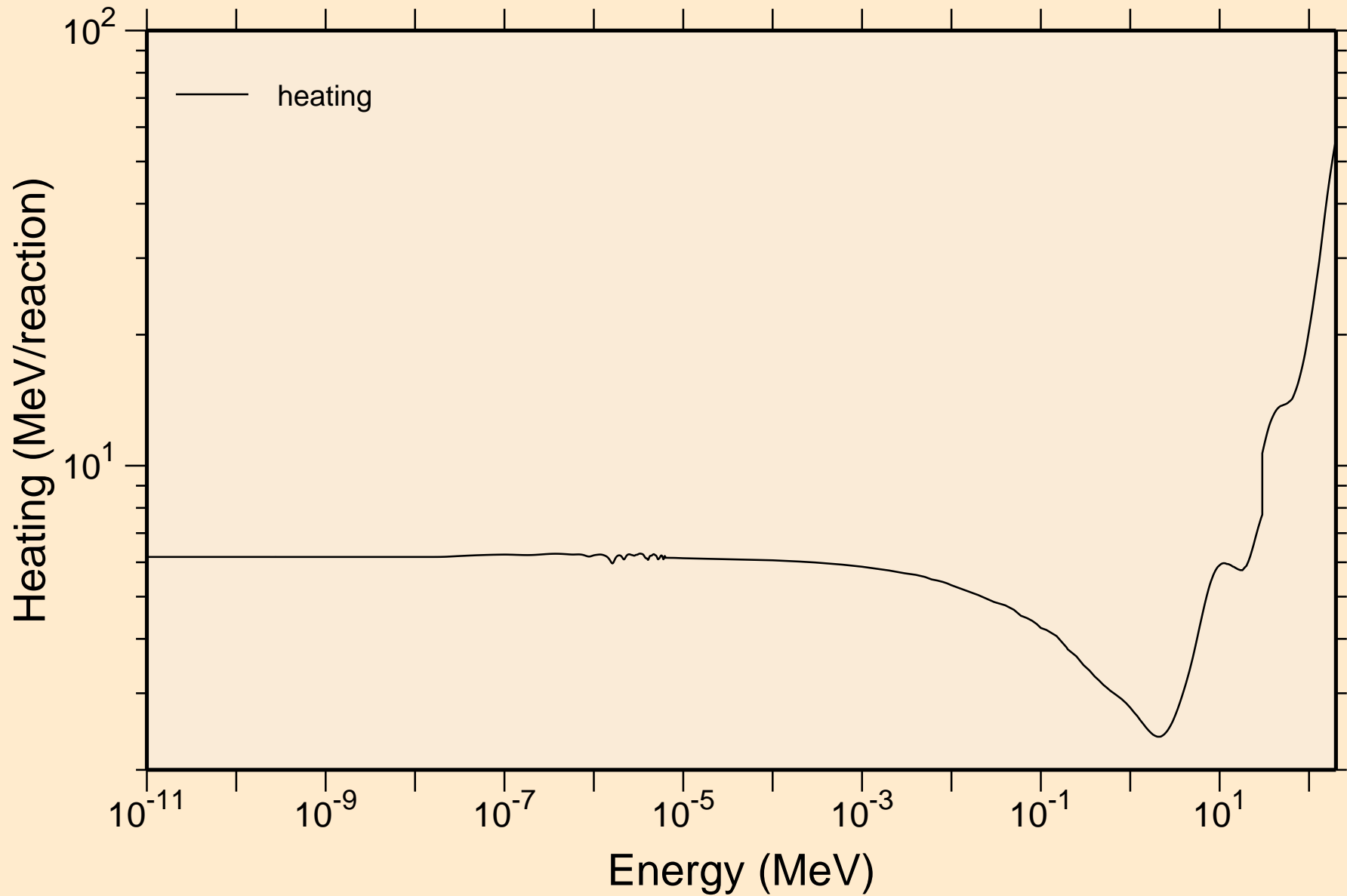


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

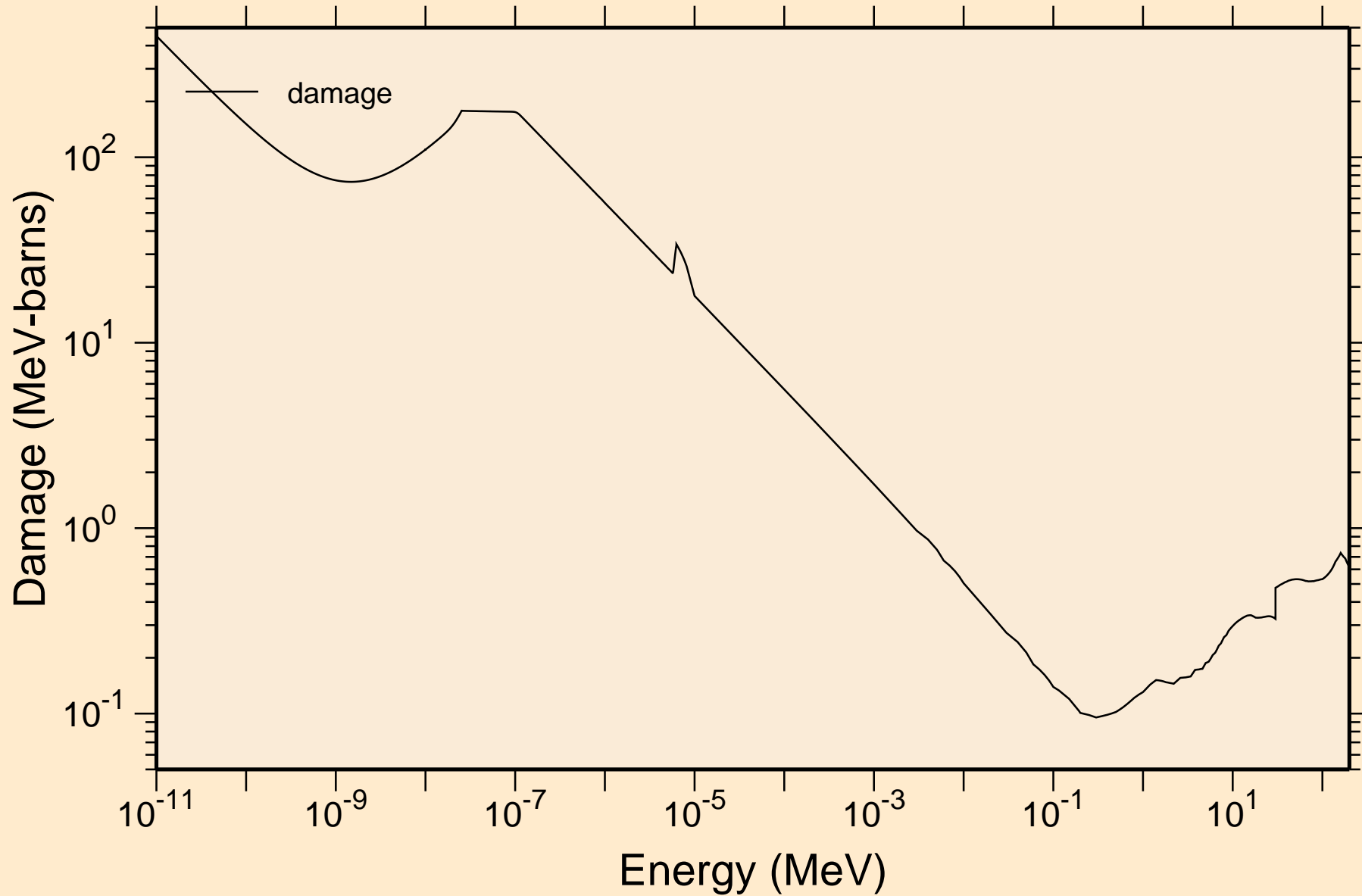


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



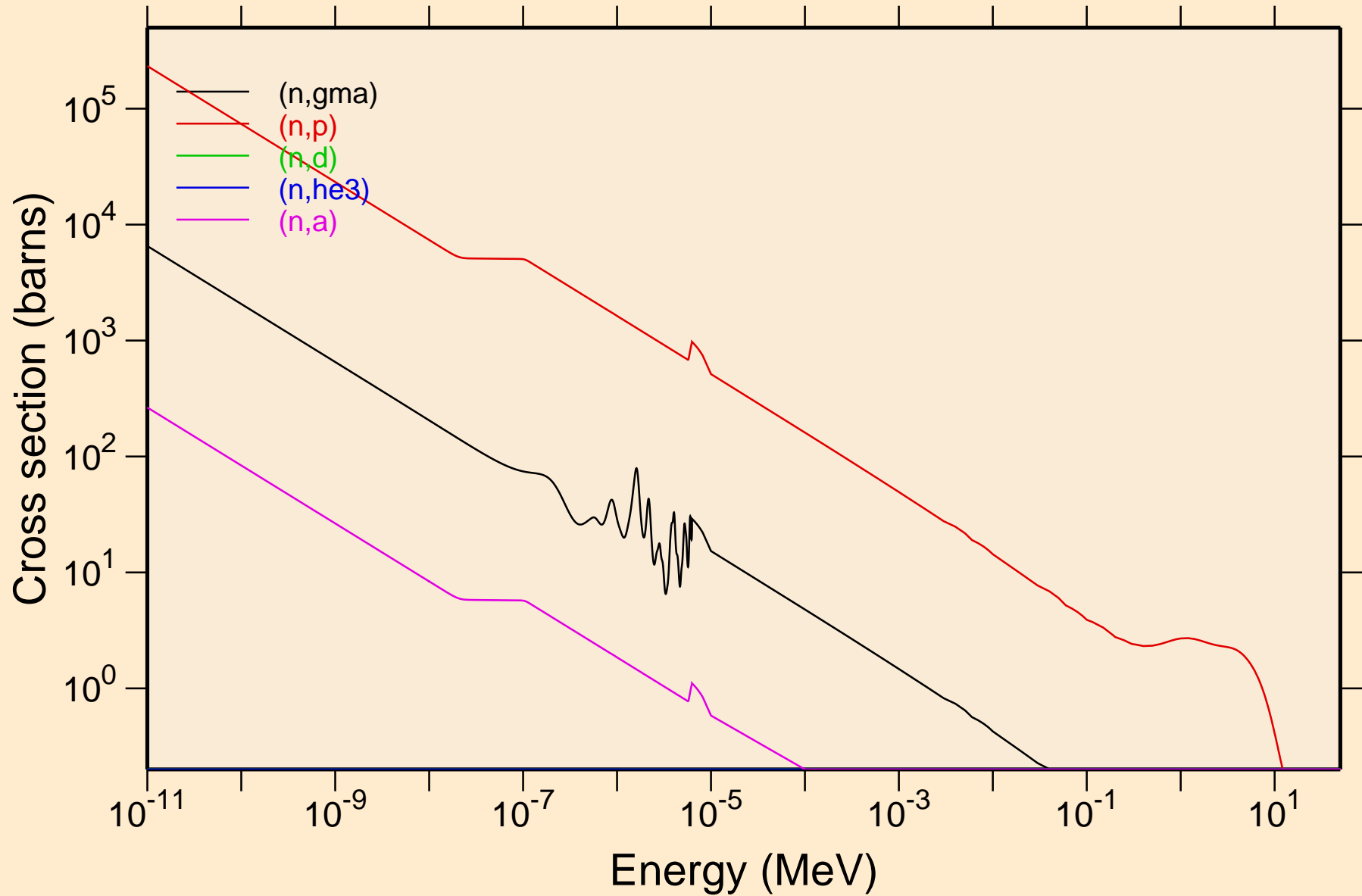
# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage



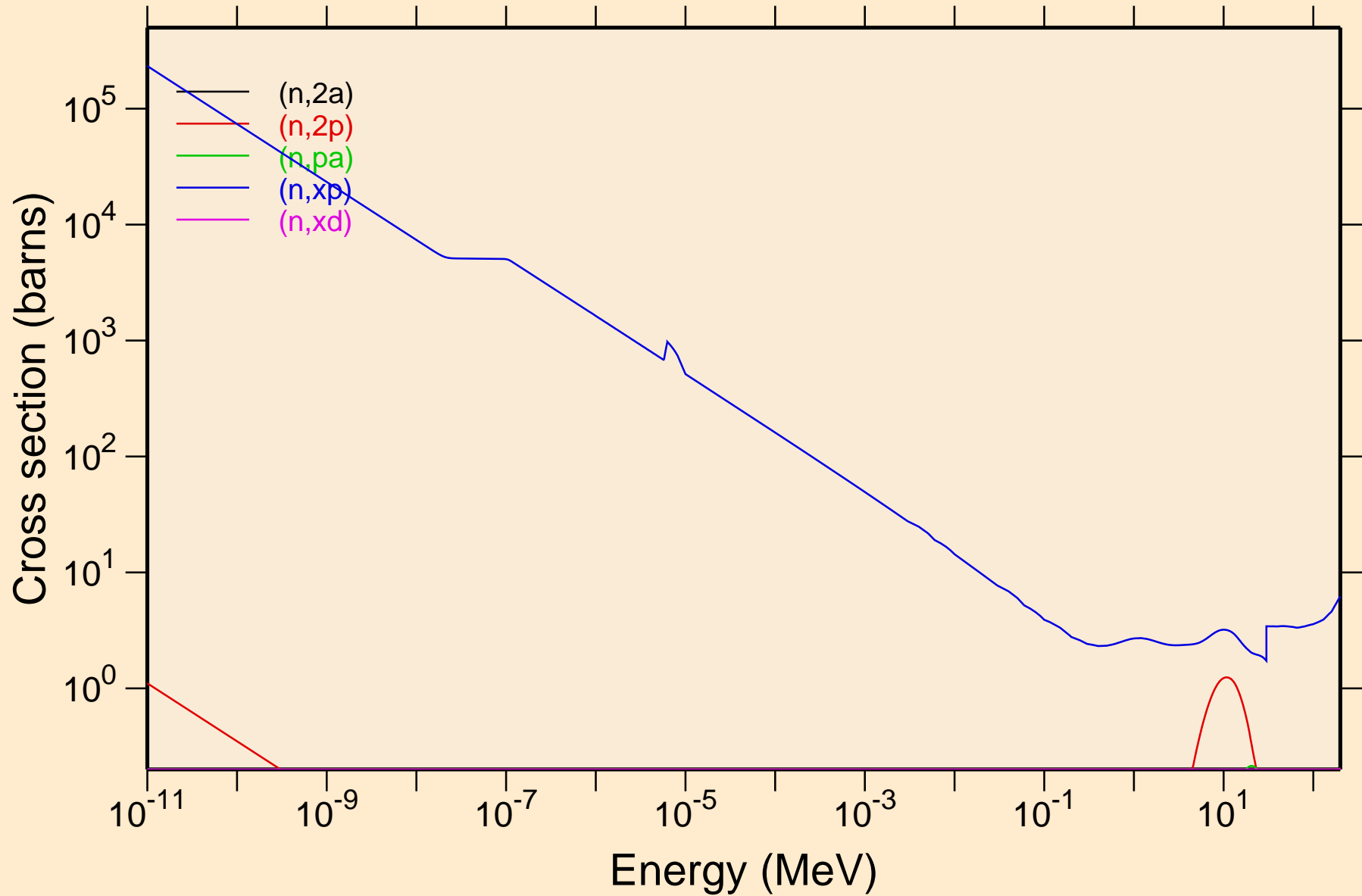
# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

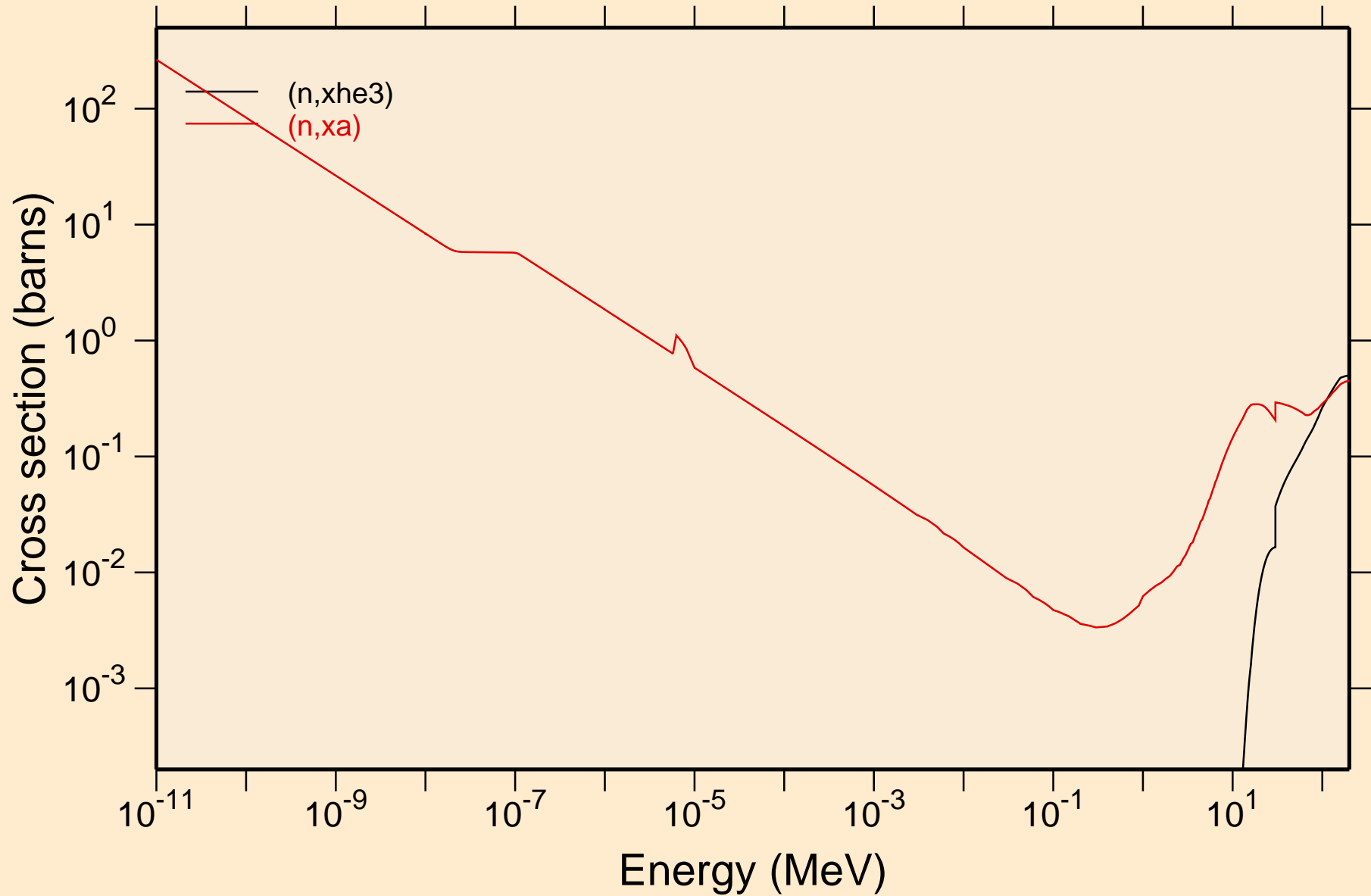


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

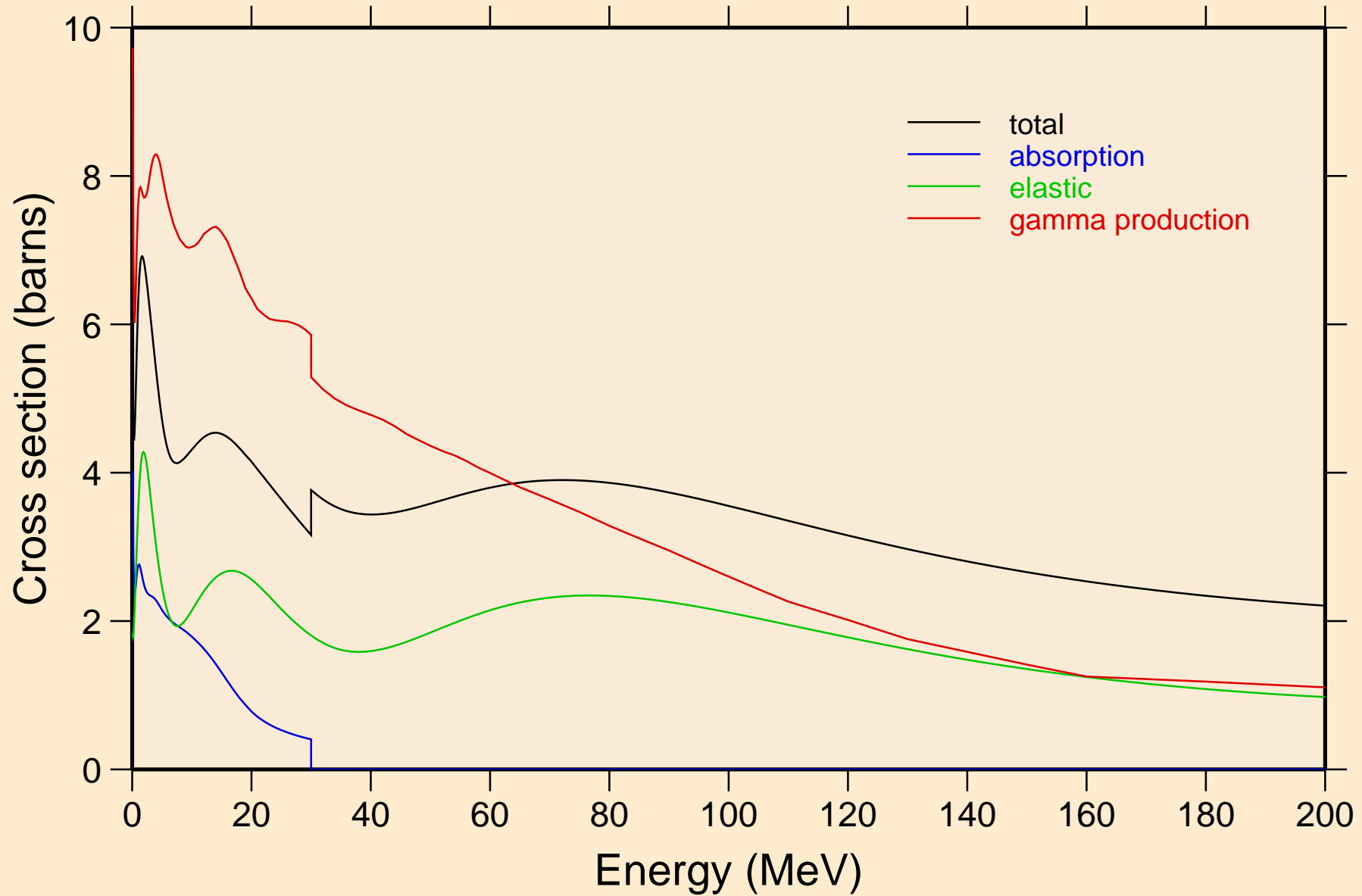


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

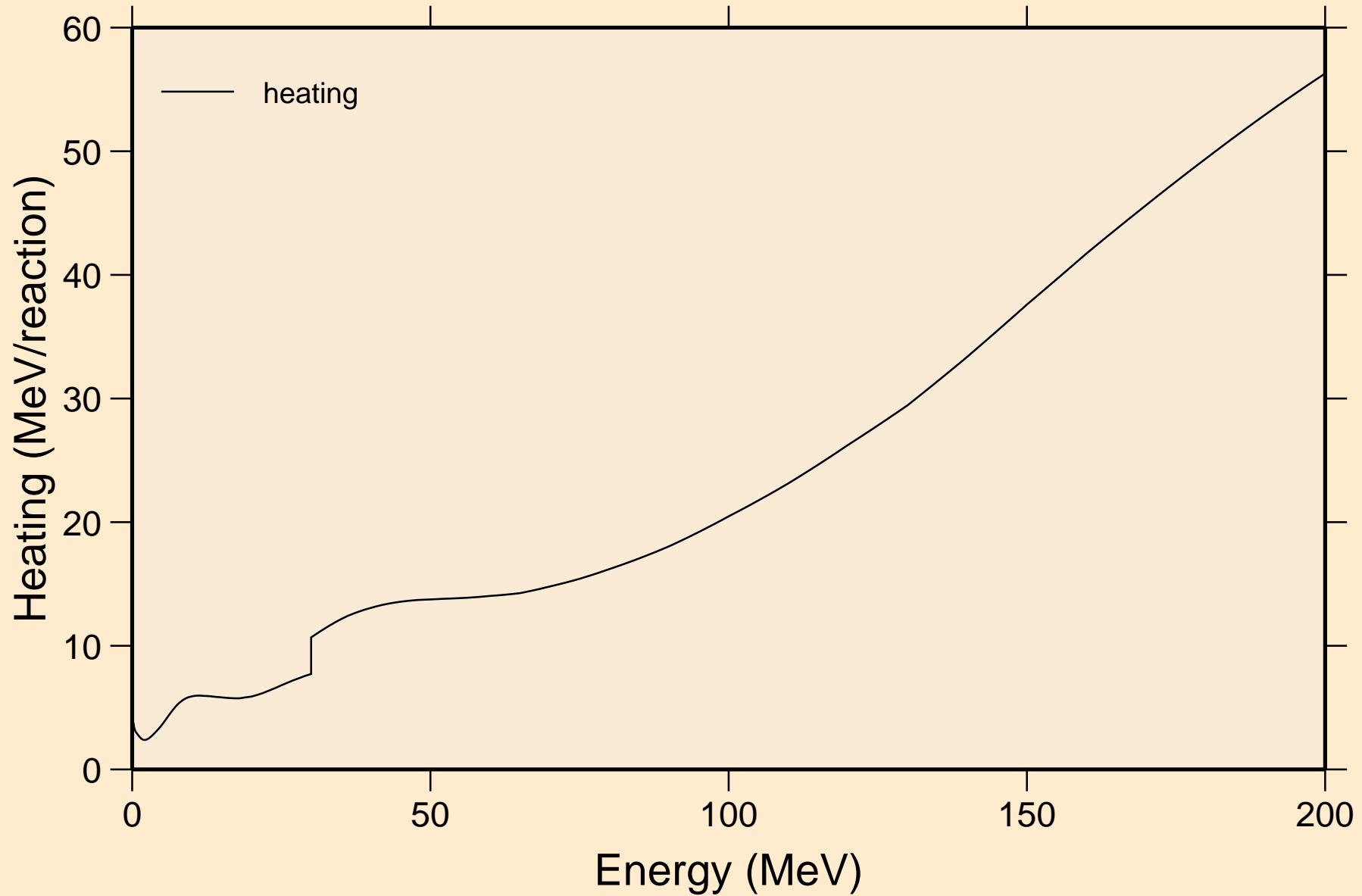


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections



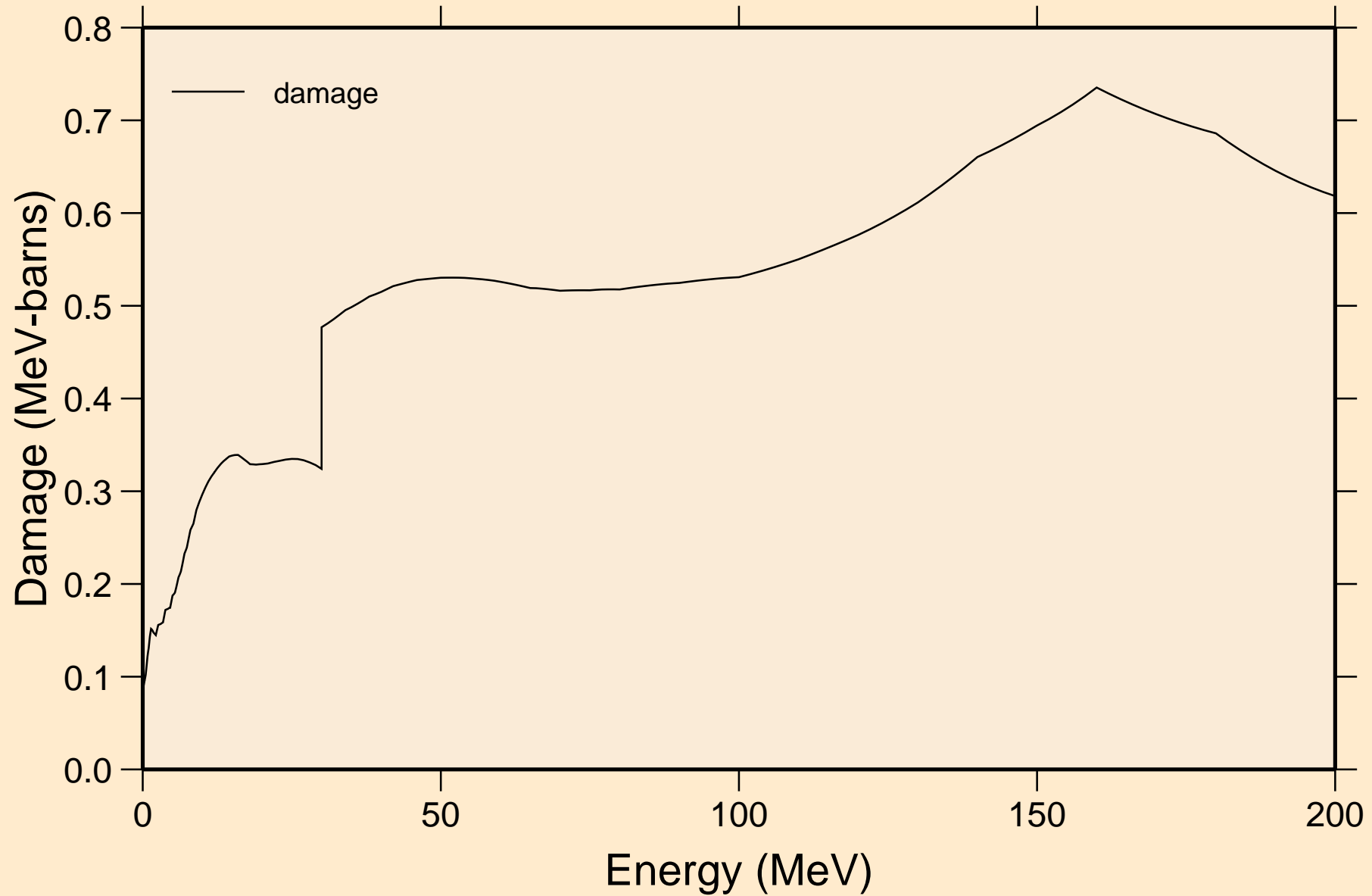
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



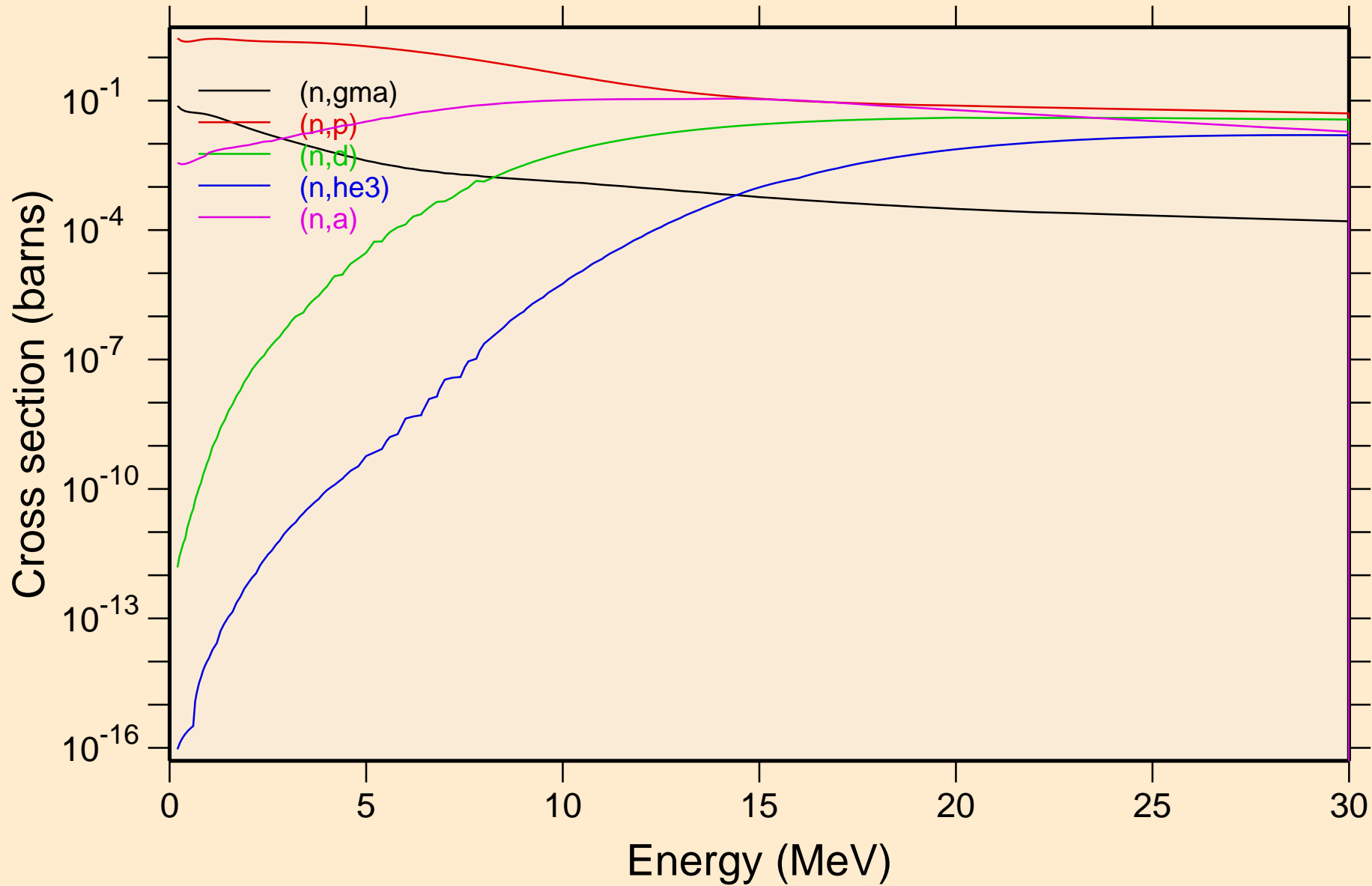


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

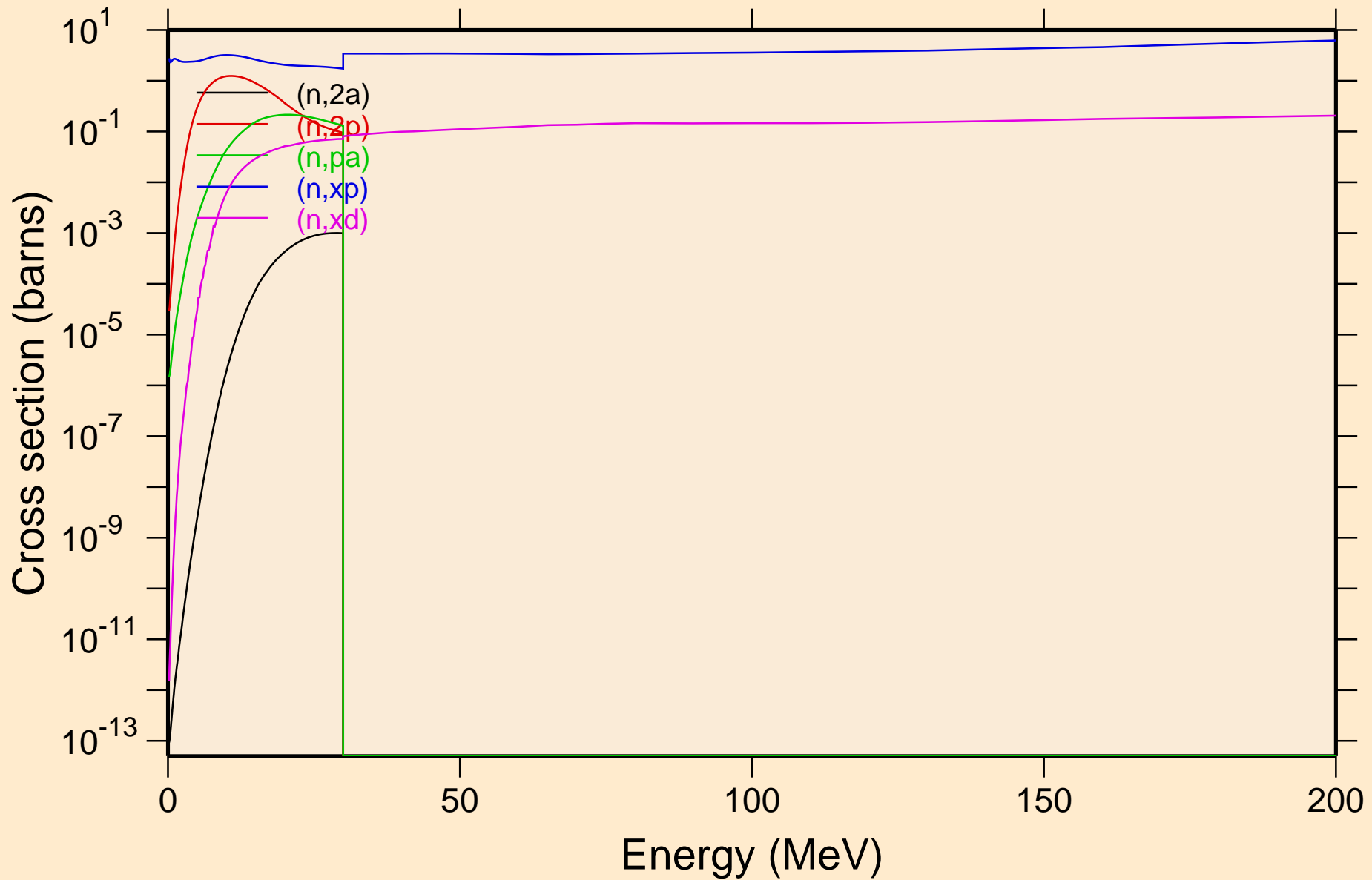


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

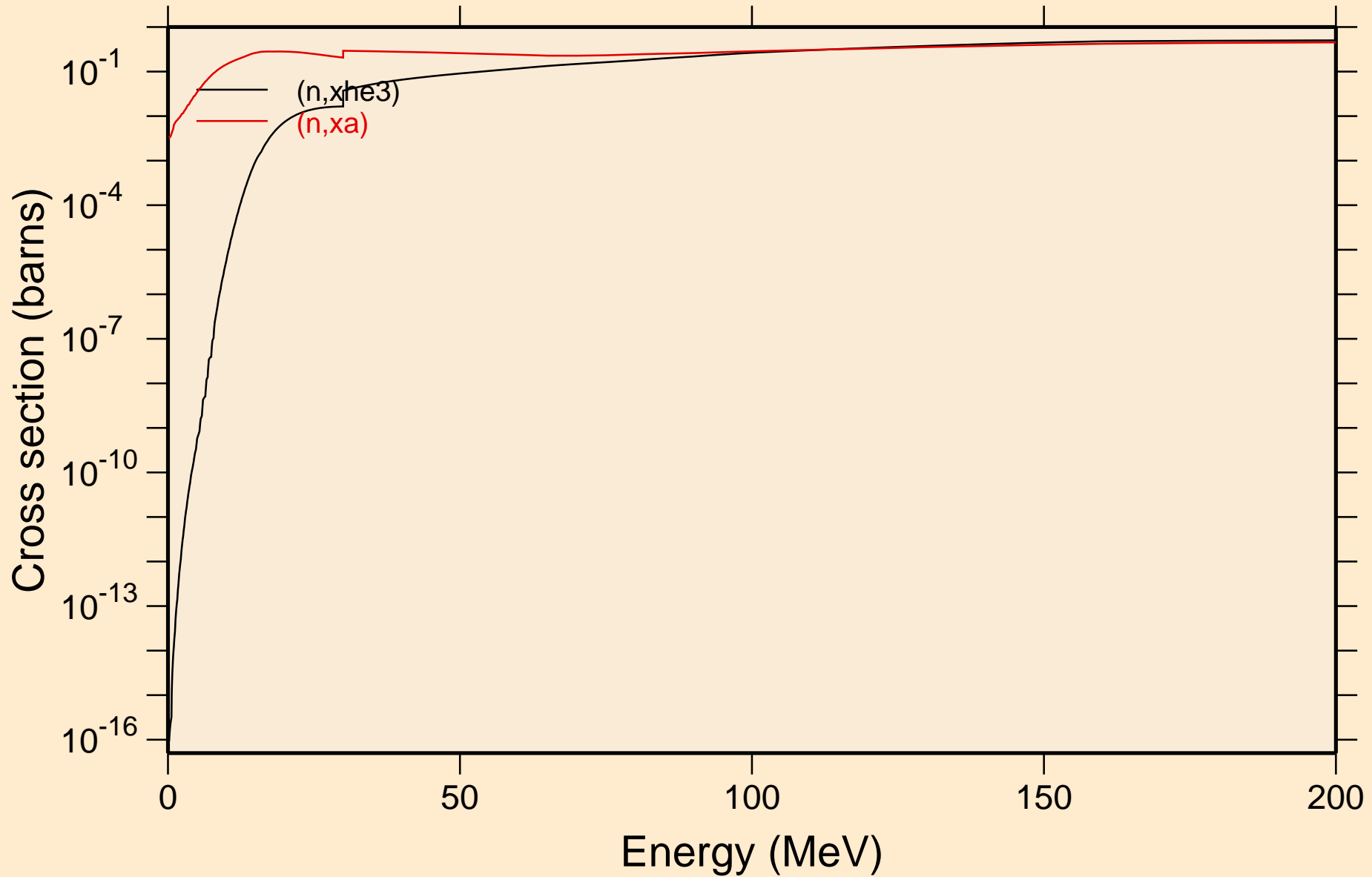


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

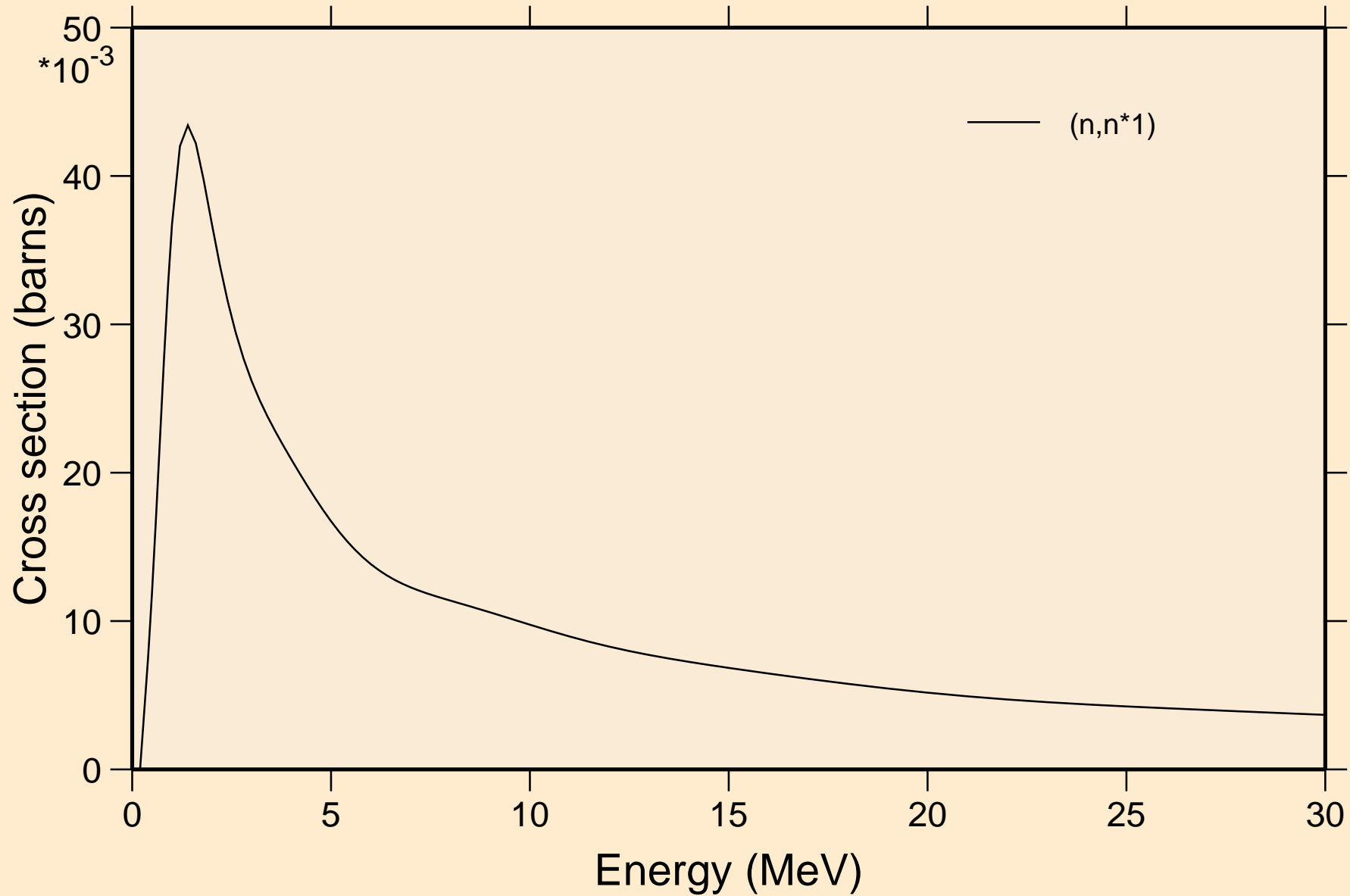
## Non-threshold reactions



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

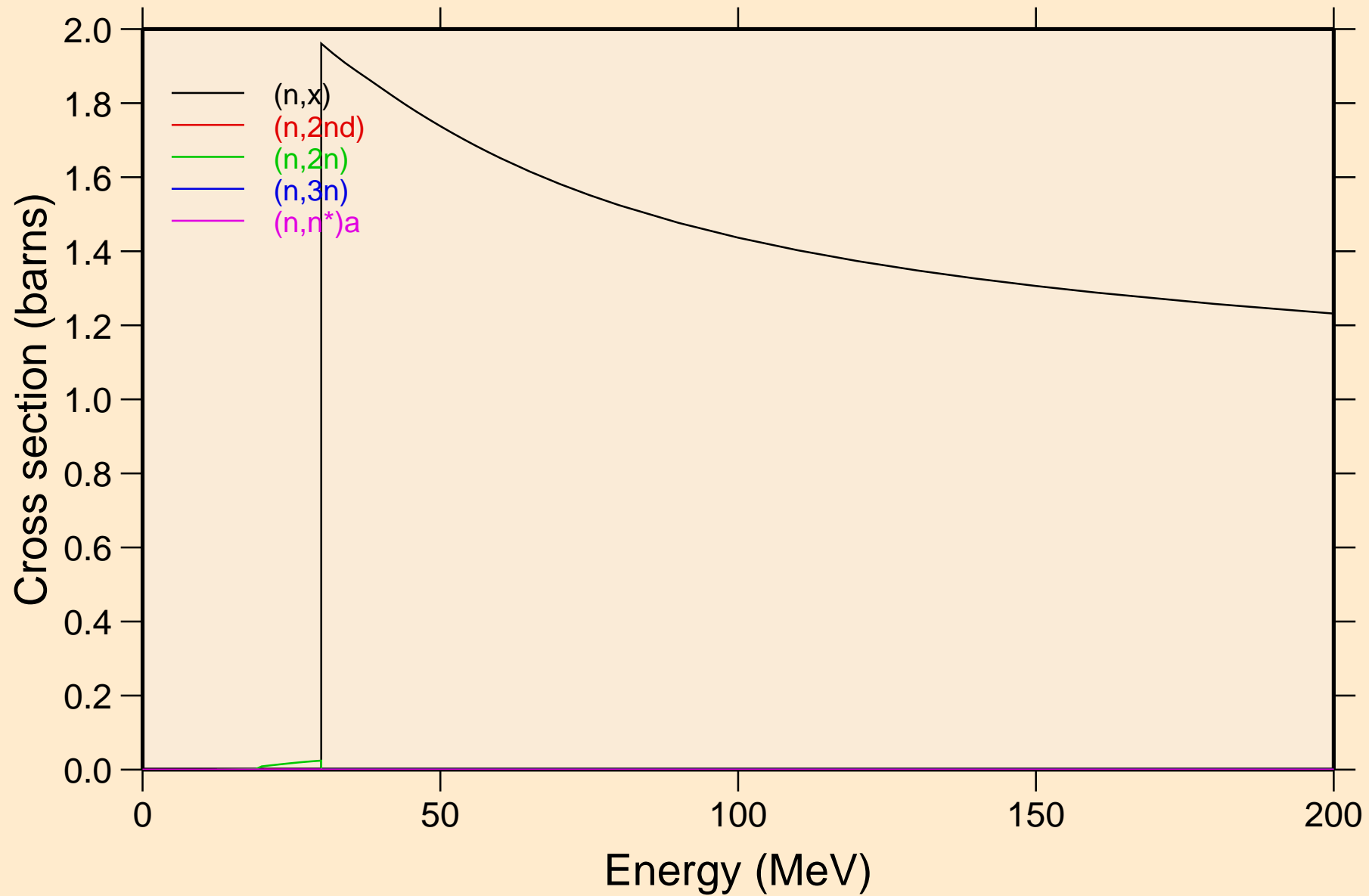


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

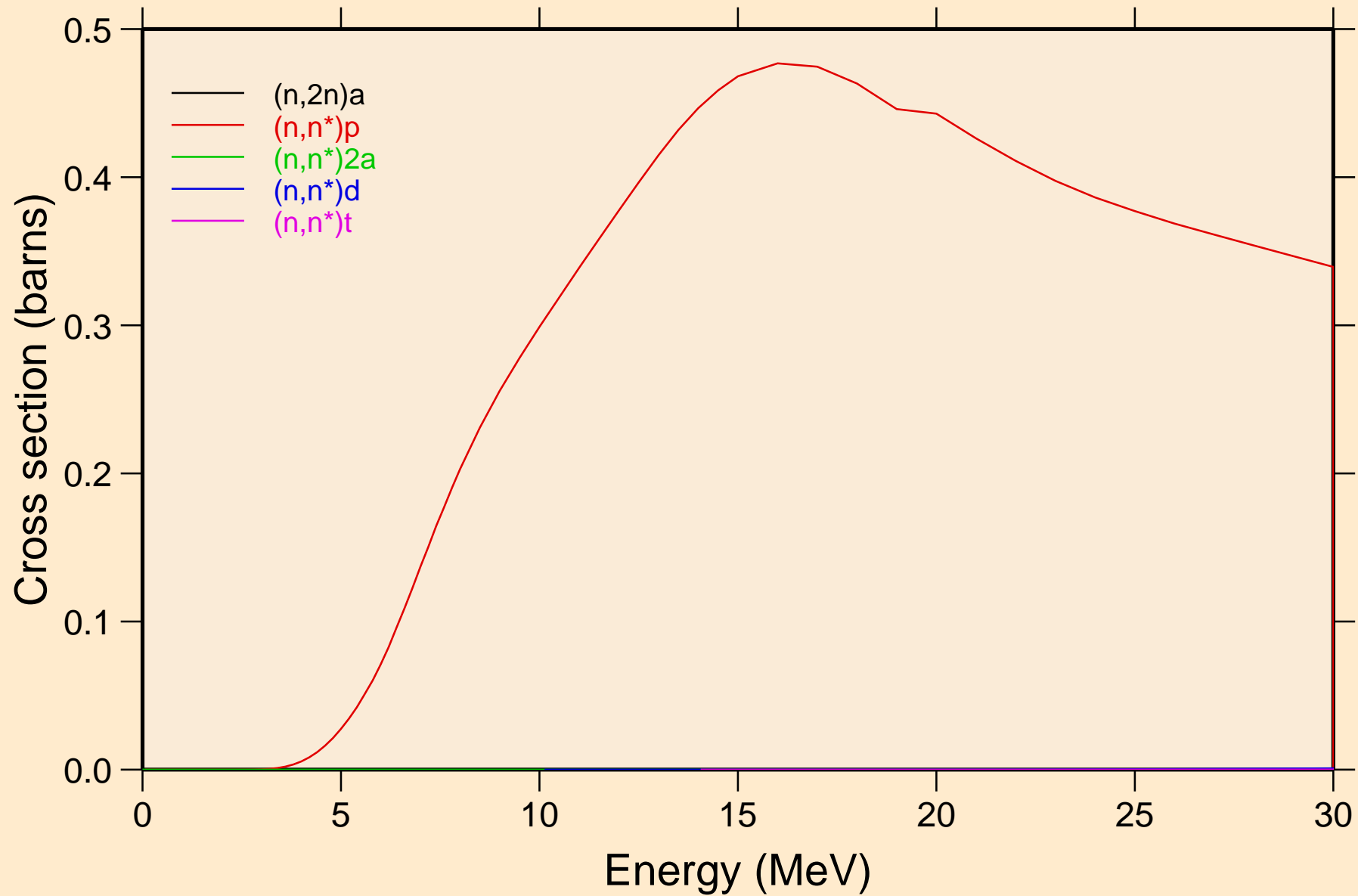


# EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

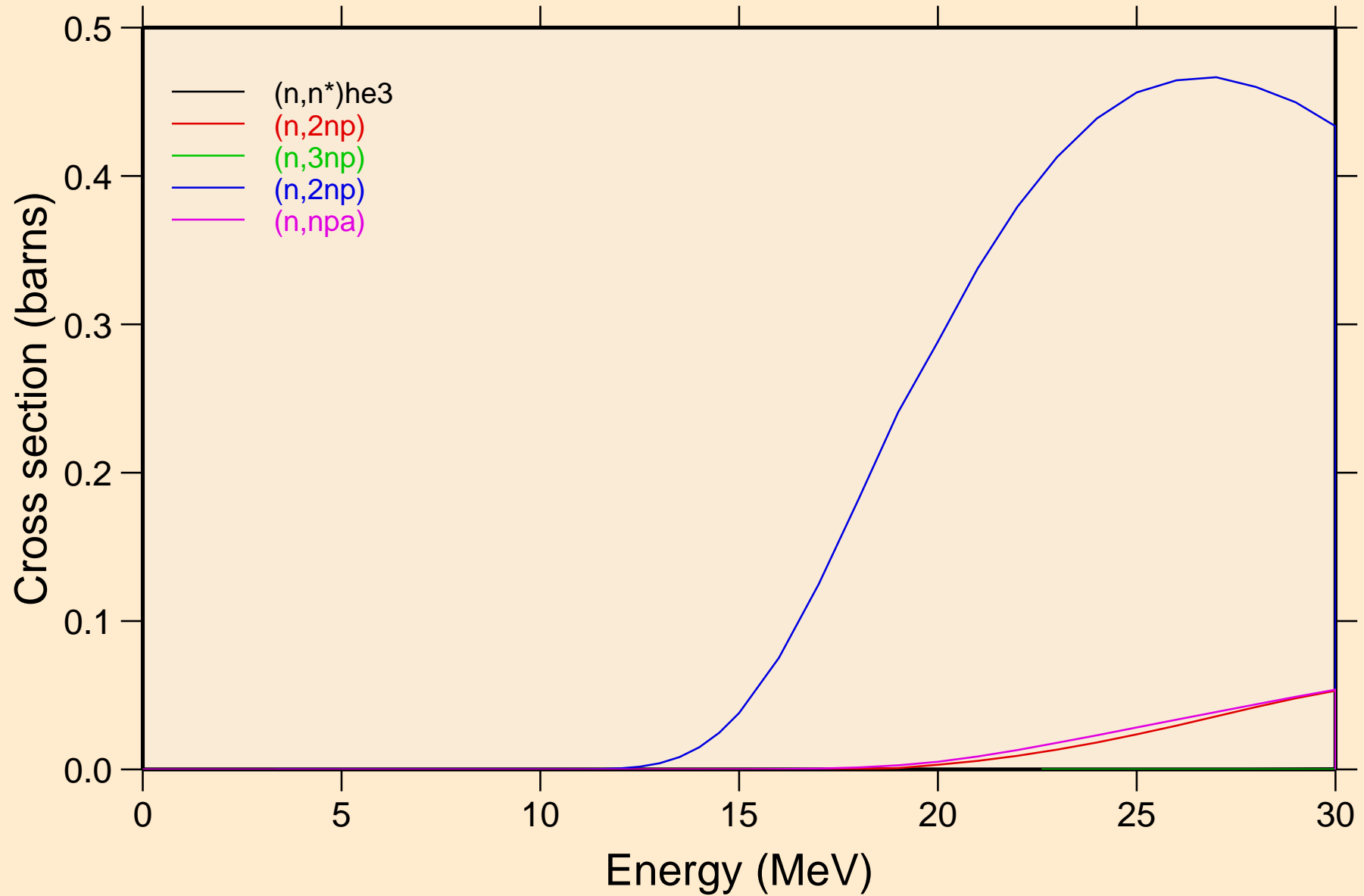
## Threshold reactions



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



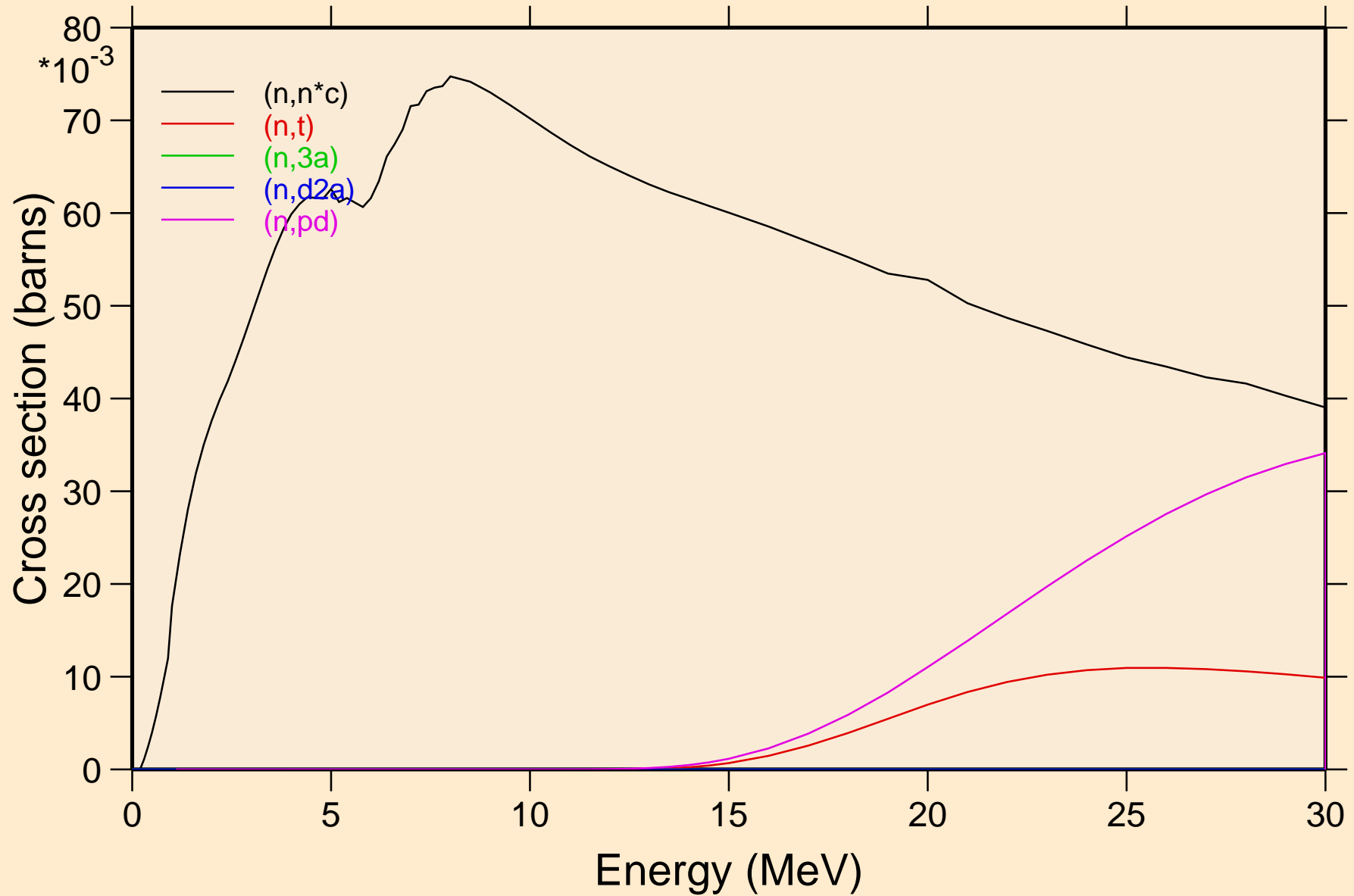
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



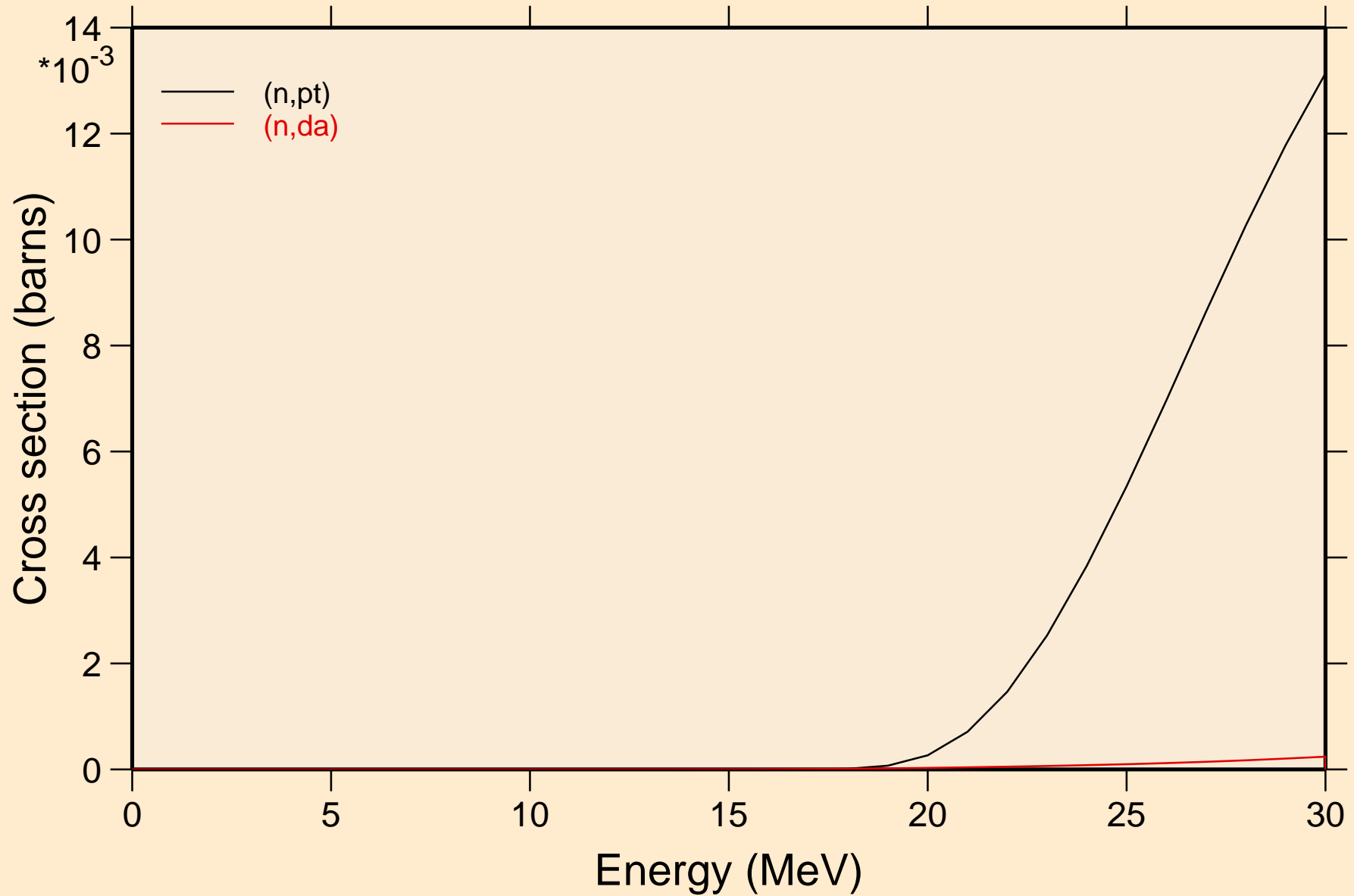


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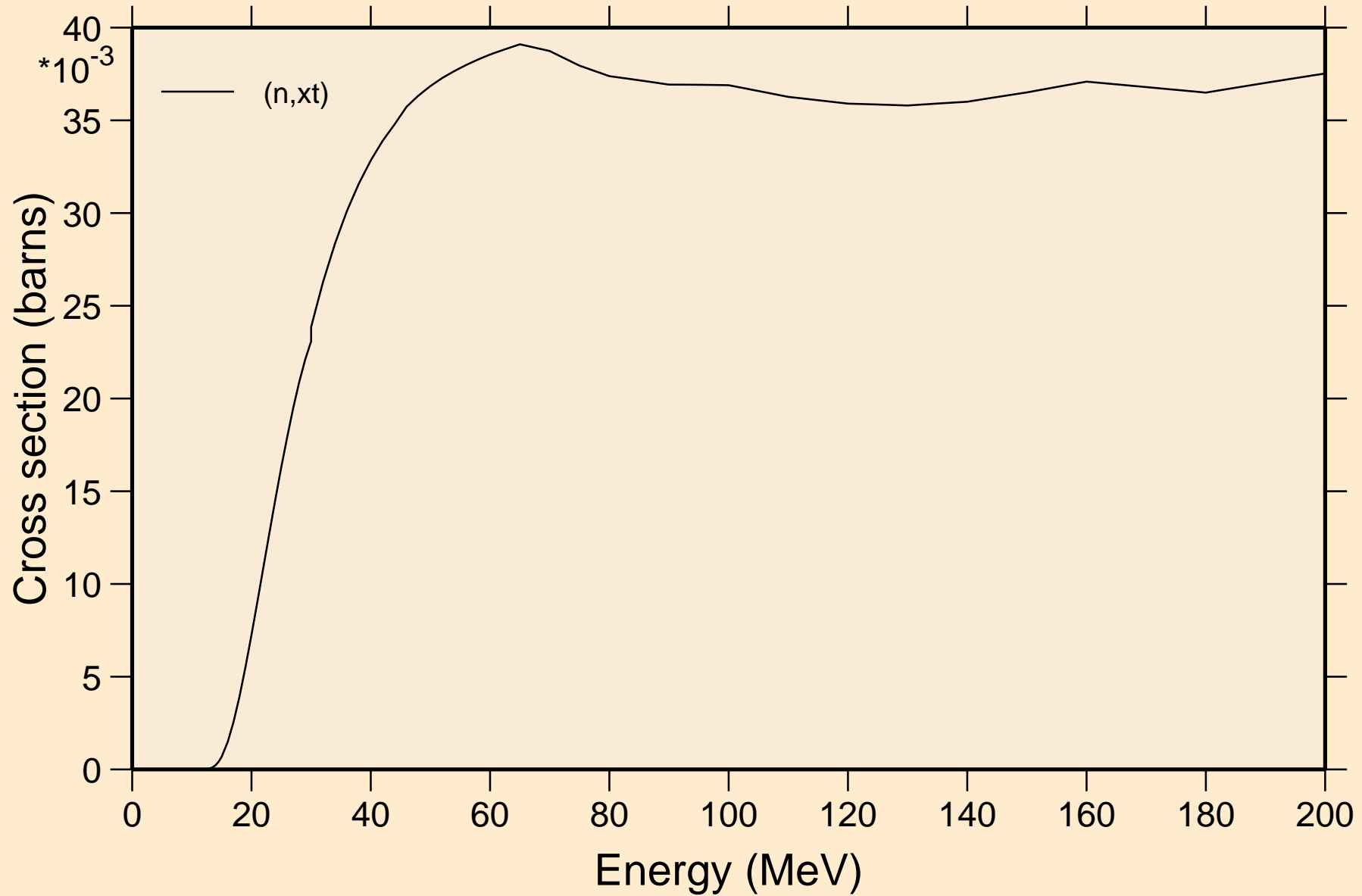
## Threshold reactions



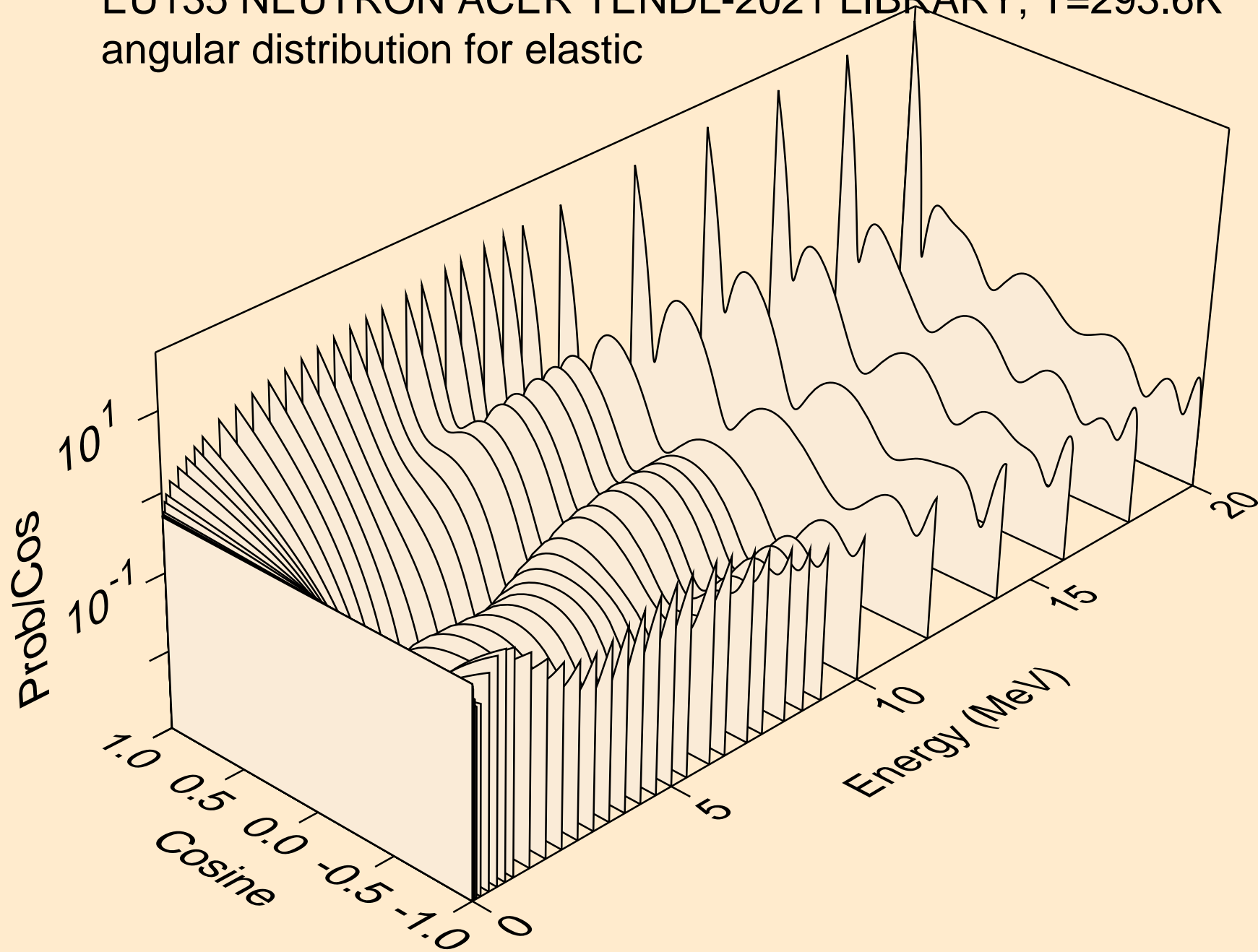
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Threshold reactions



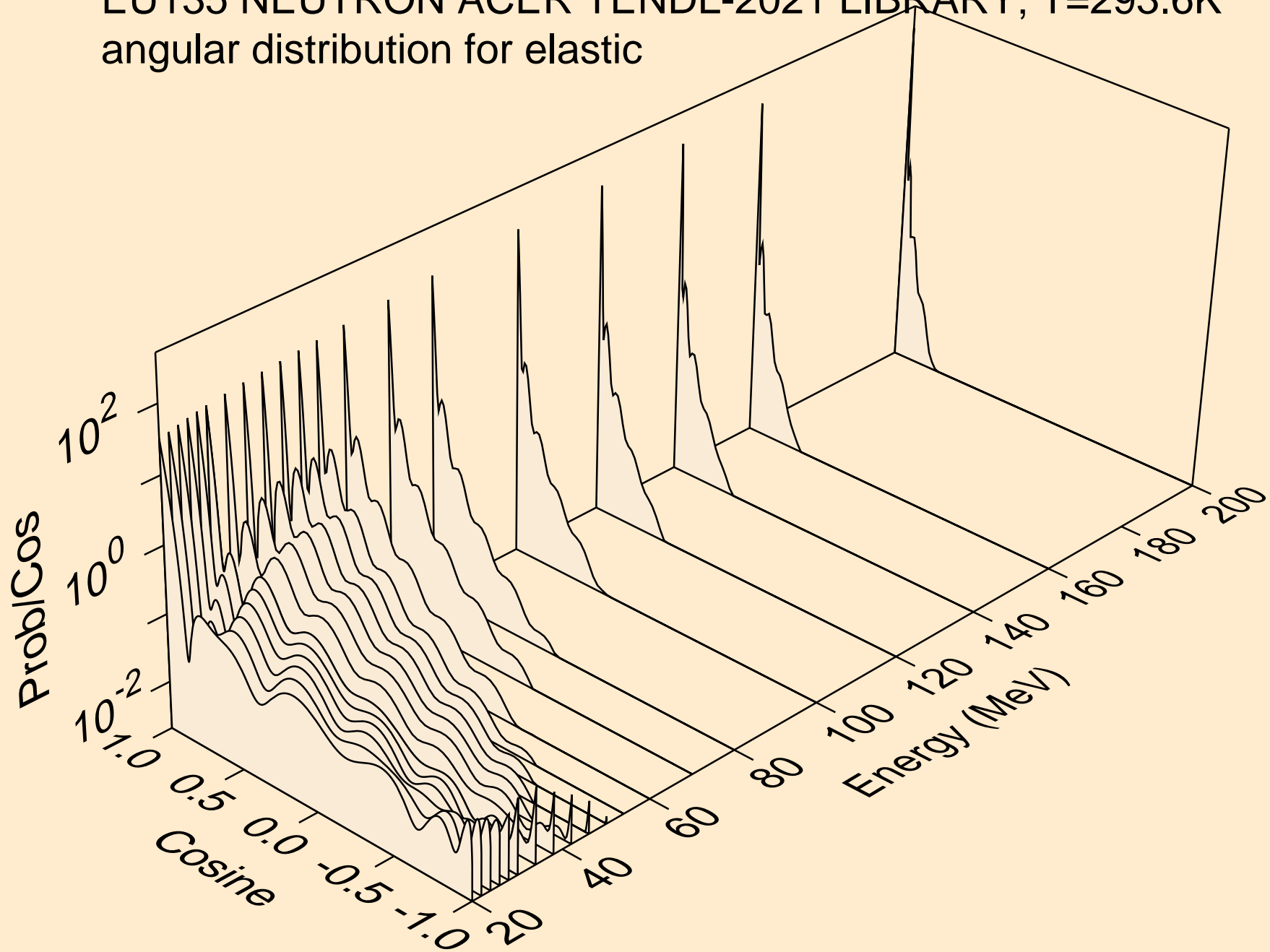
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Threshold reactions



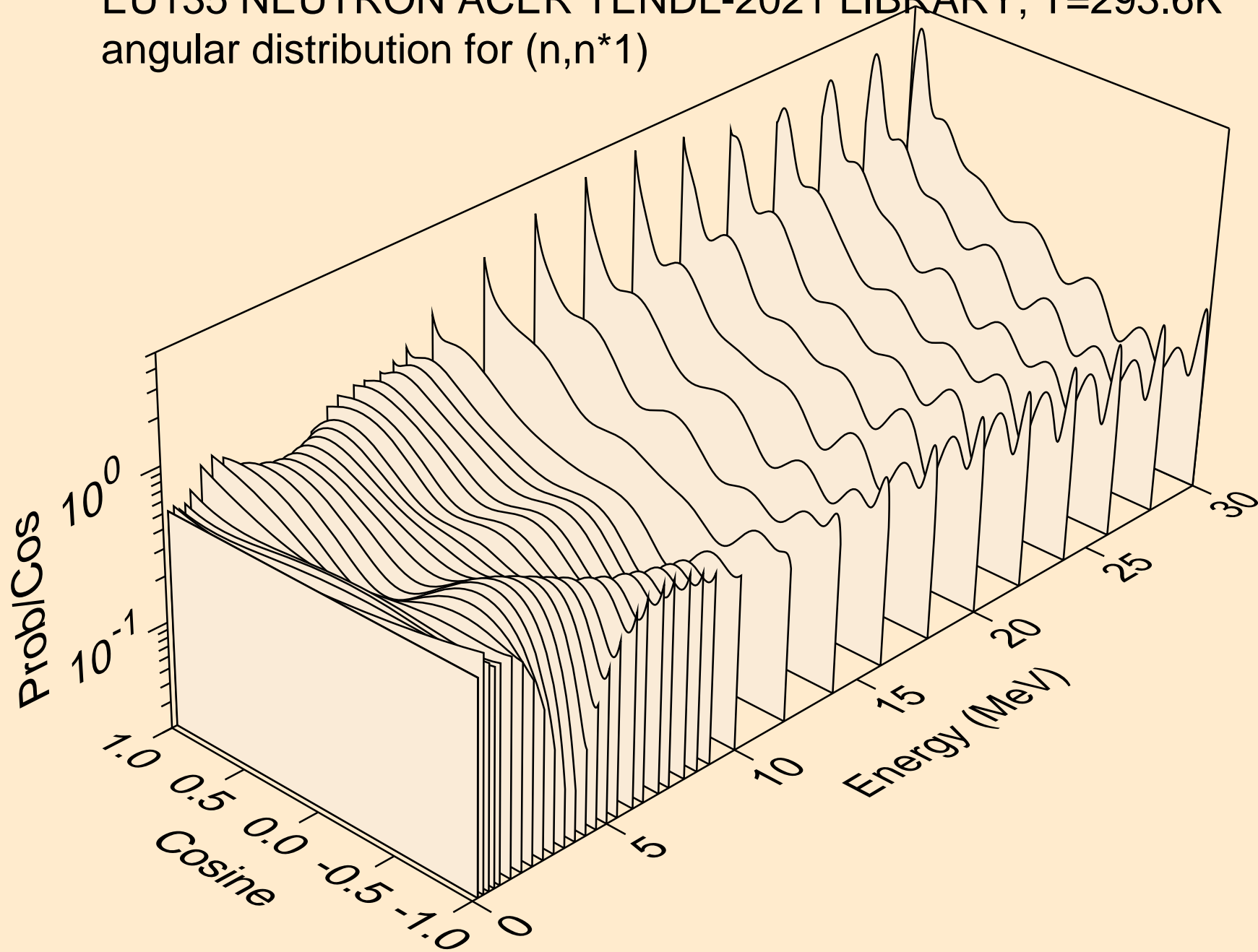
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angular distribution for elastic



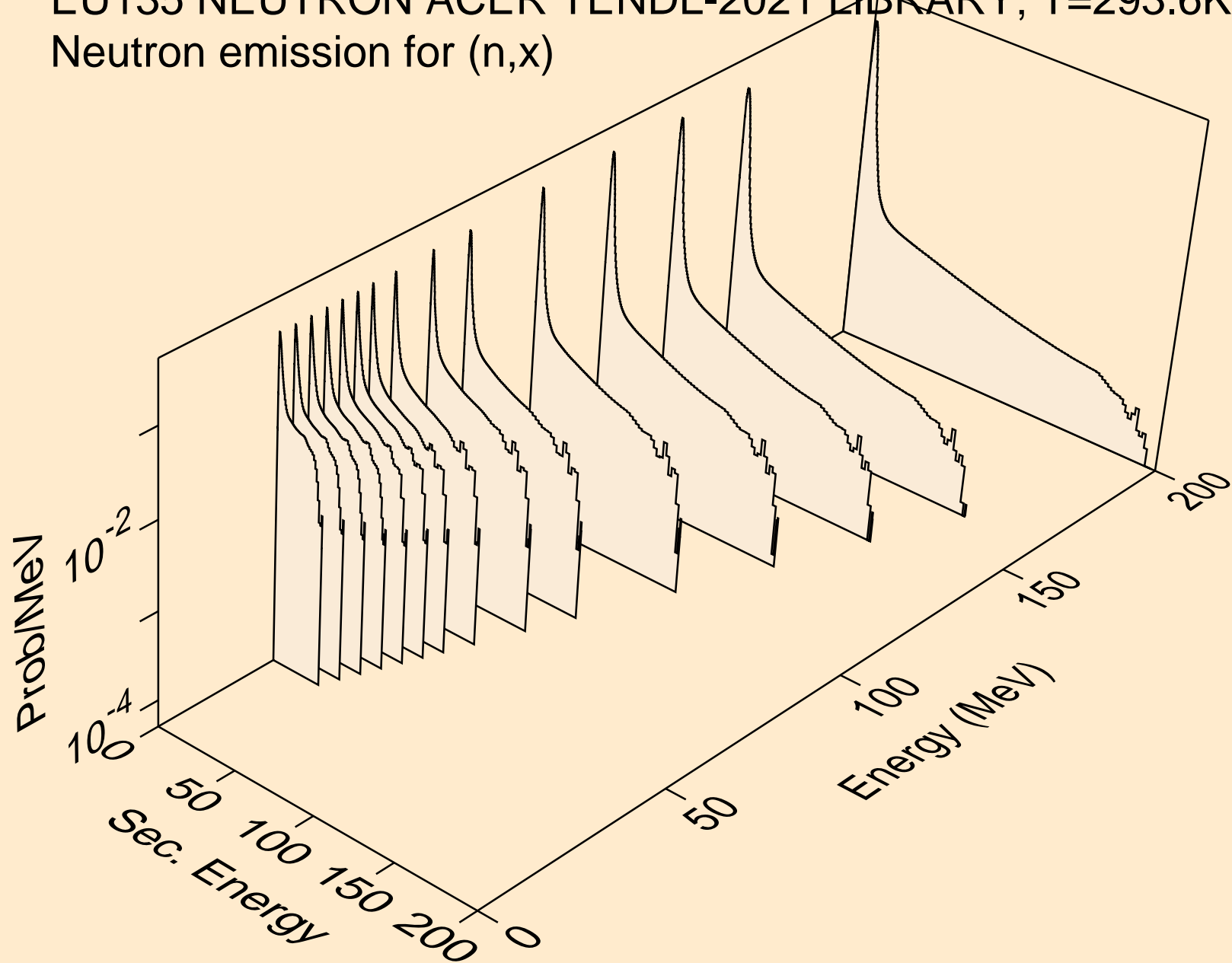
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



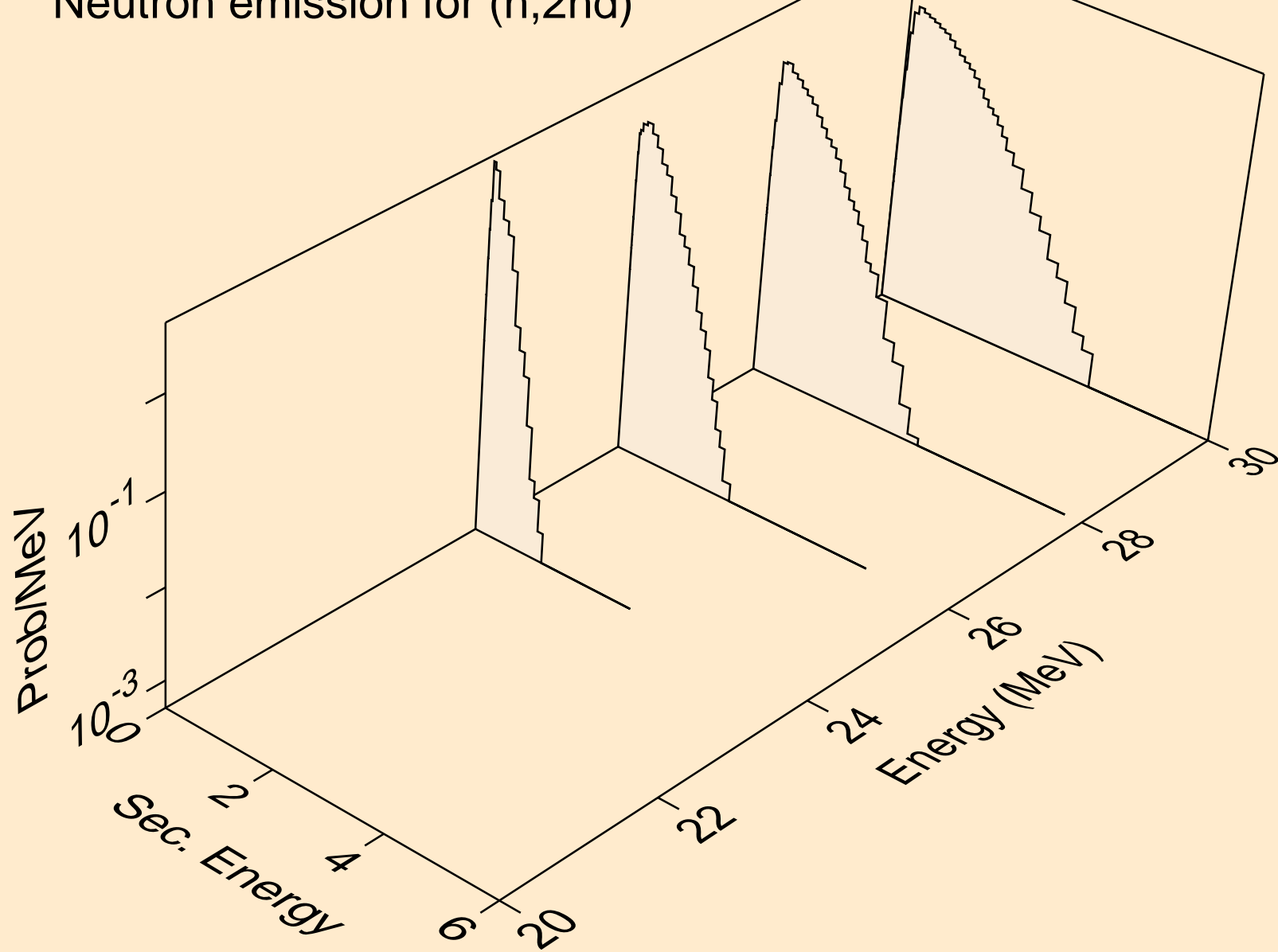
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

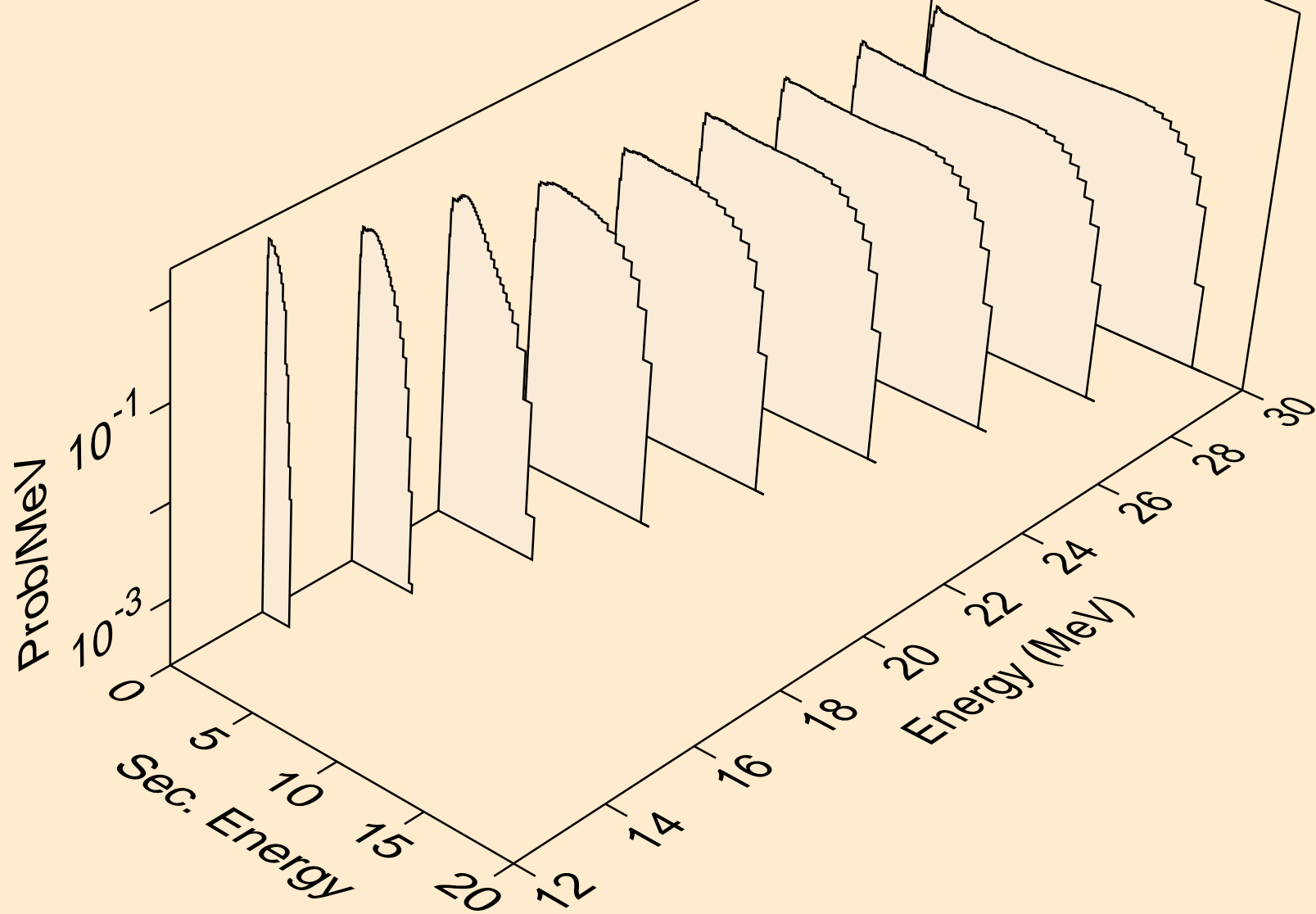


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

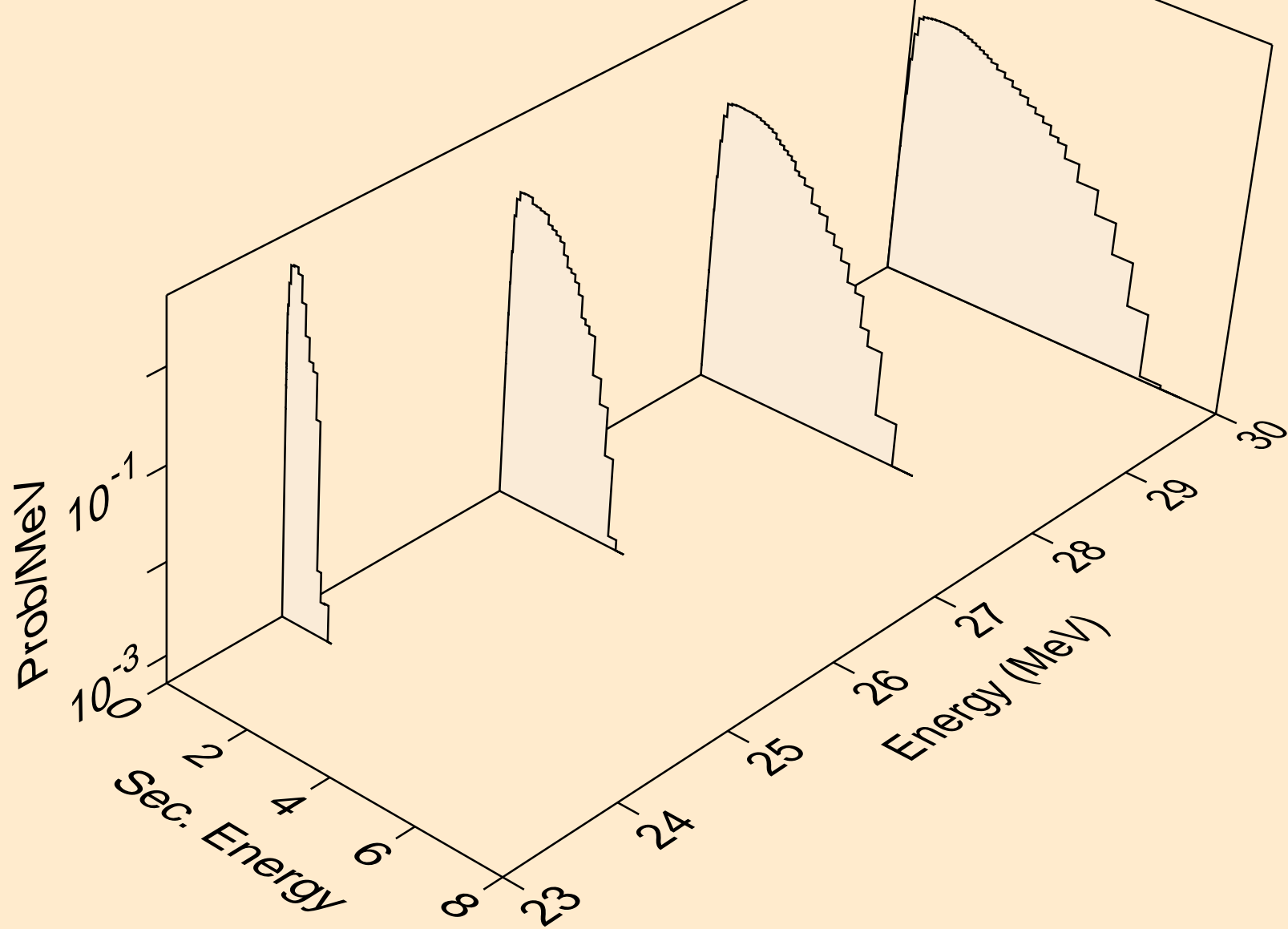




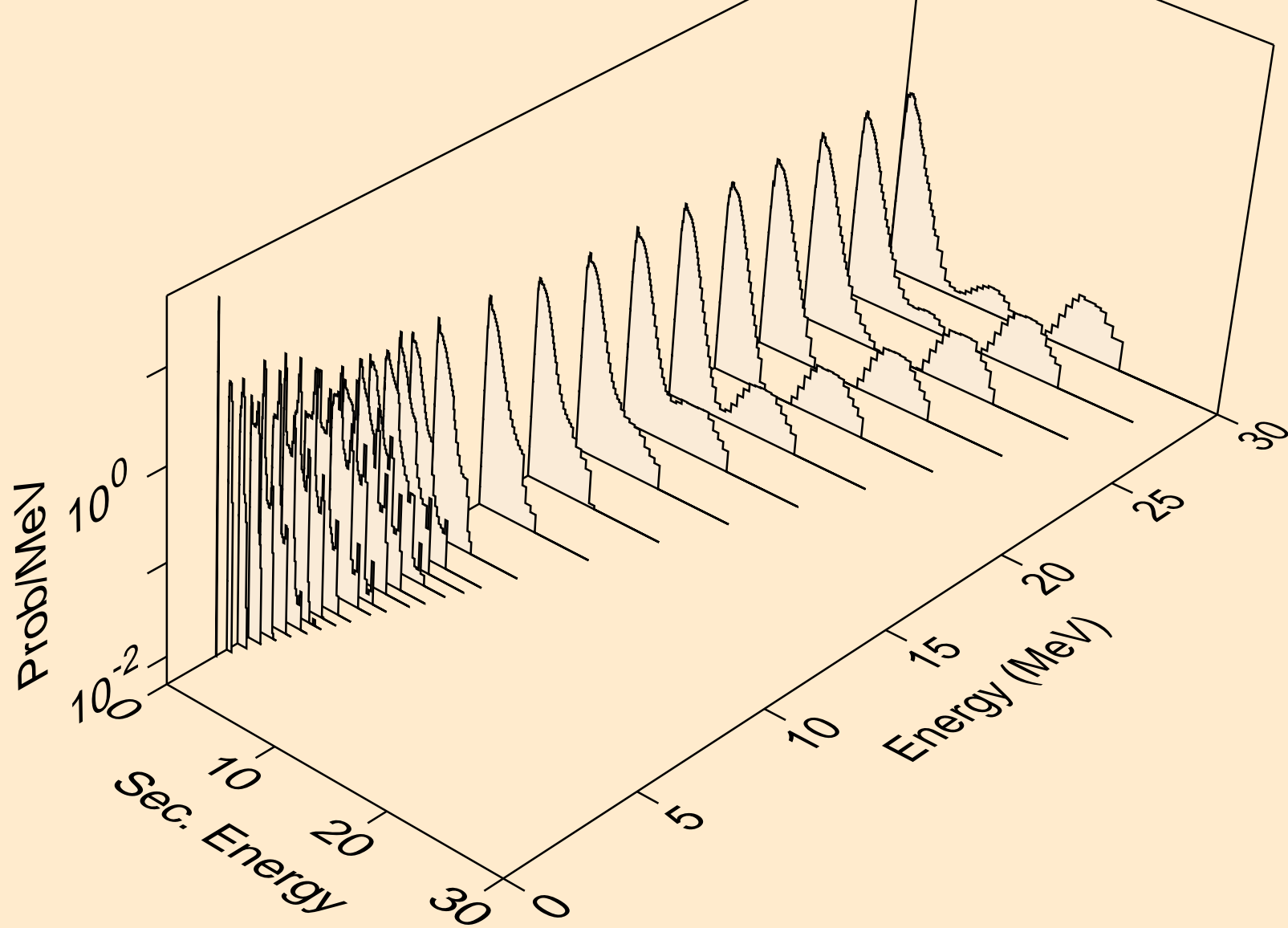
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Neutron emission for (n,2n)



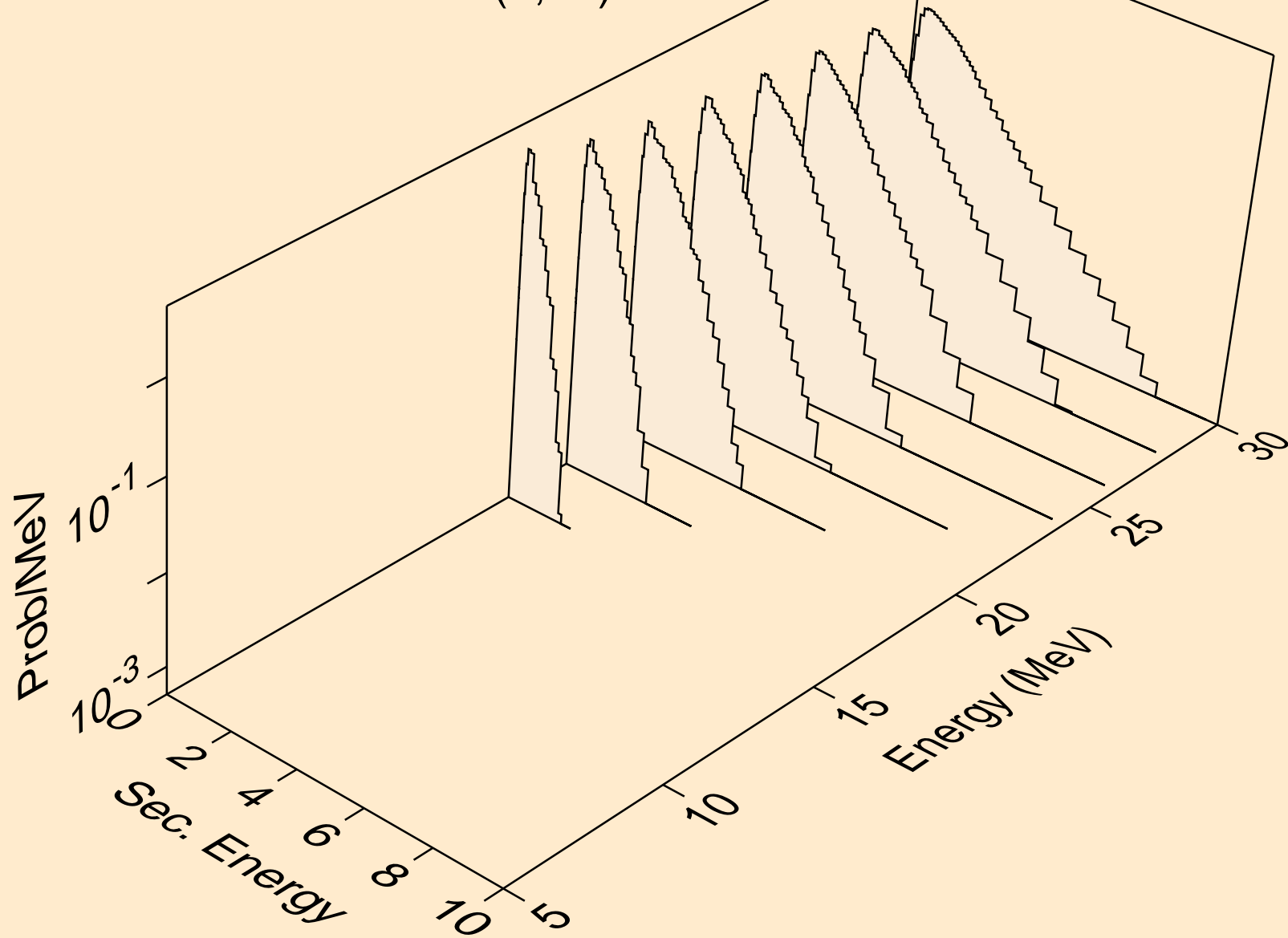
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Neutron emission for (n,3n)



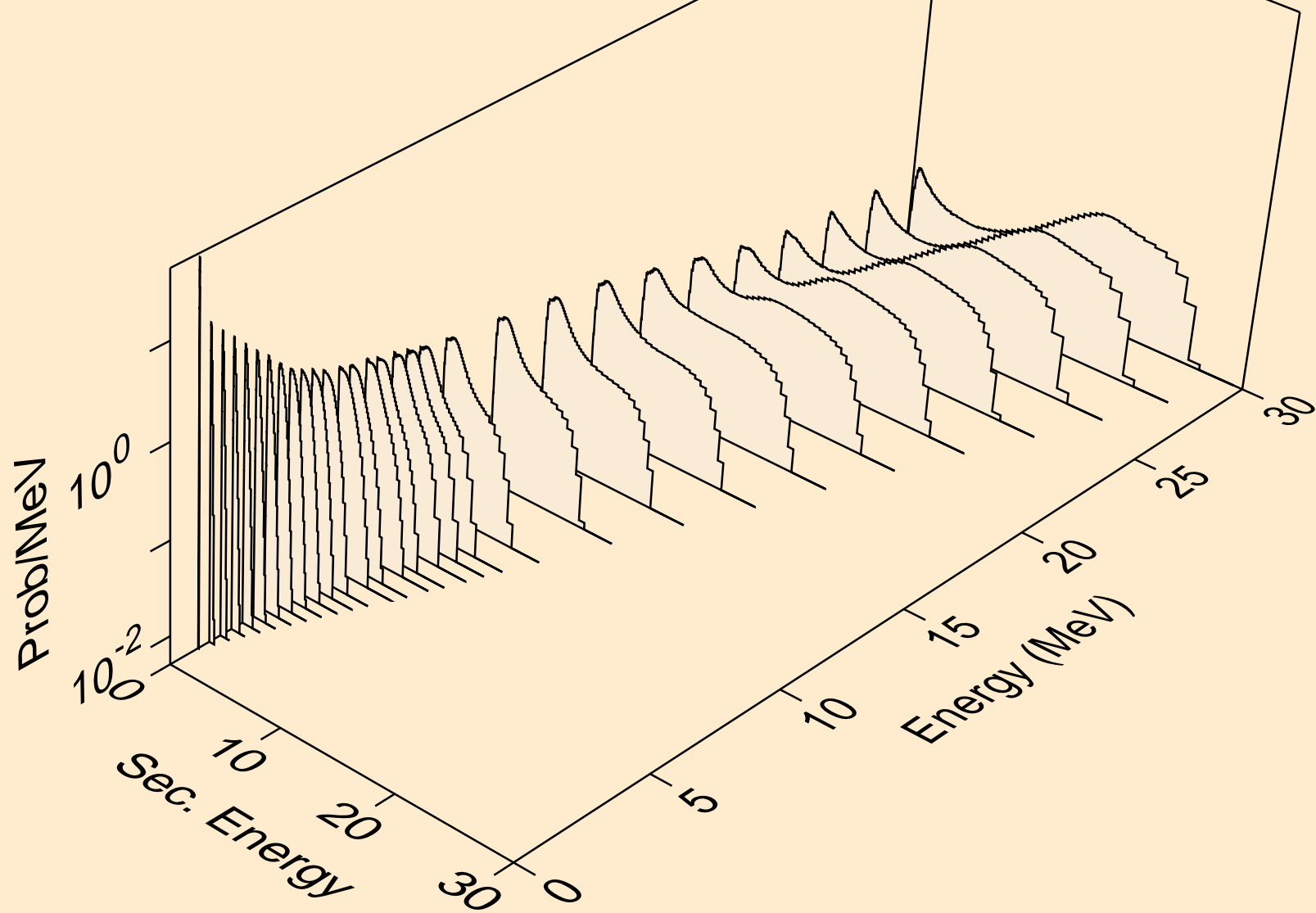
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Neutron emission for (n,n\*)a



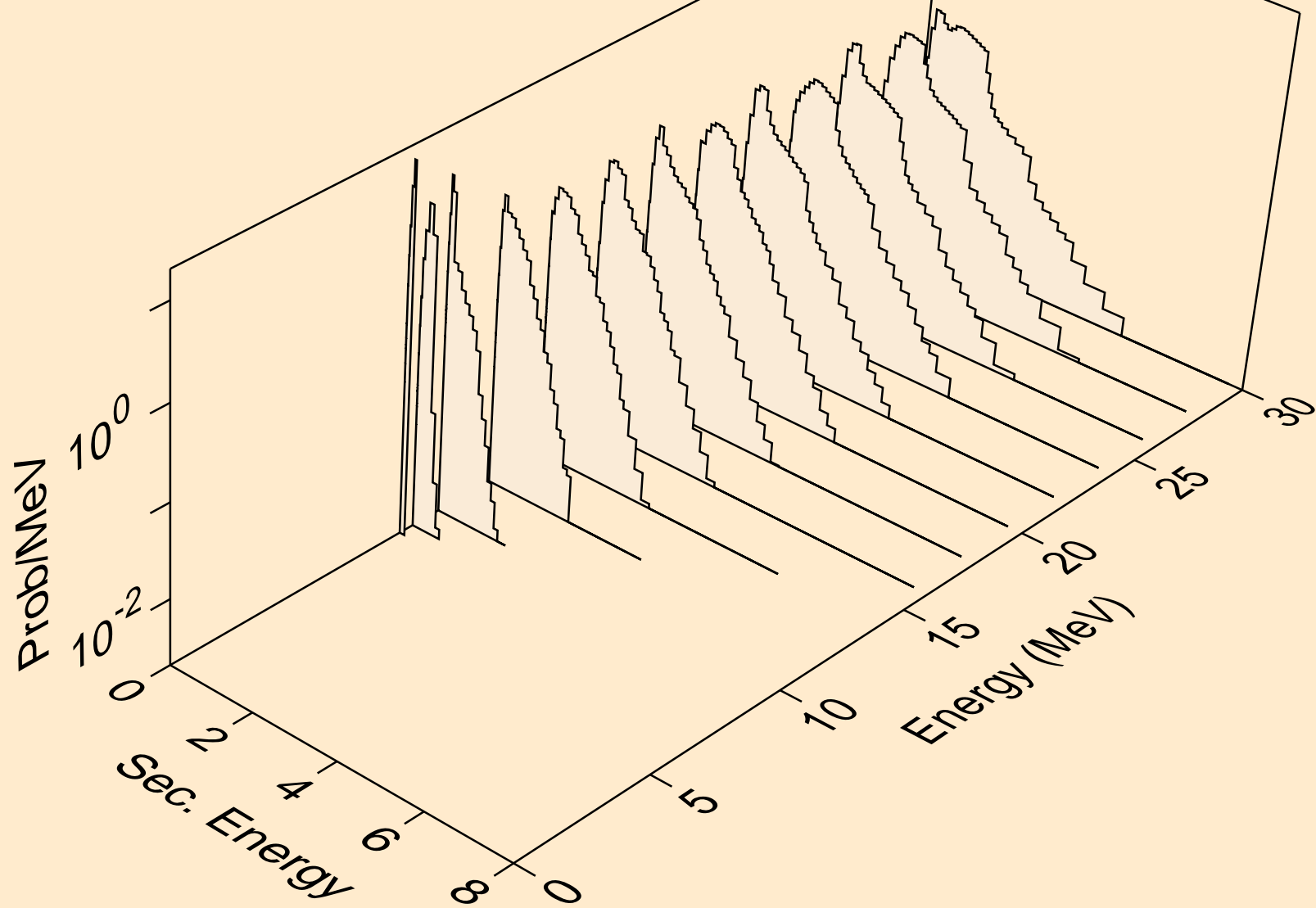
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Neutron emission for (n,2n)<sub>a</sub>



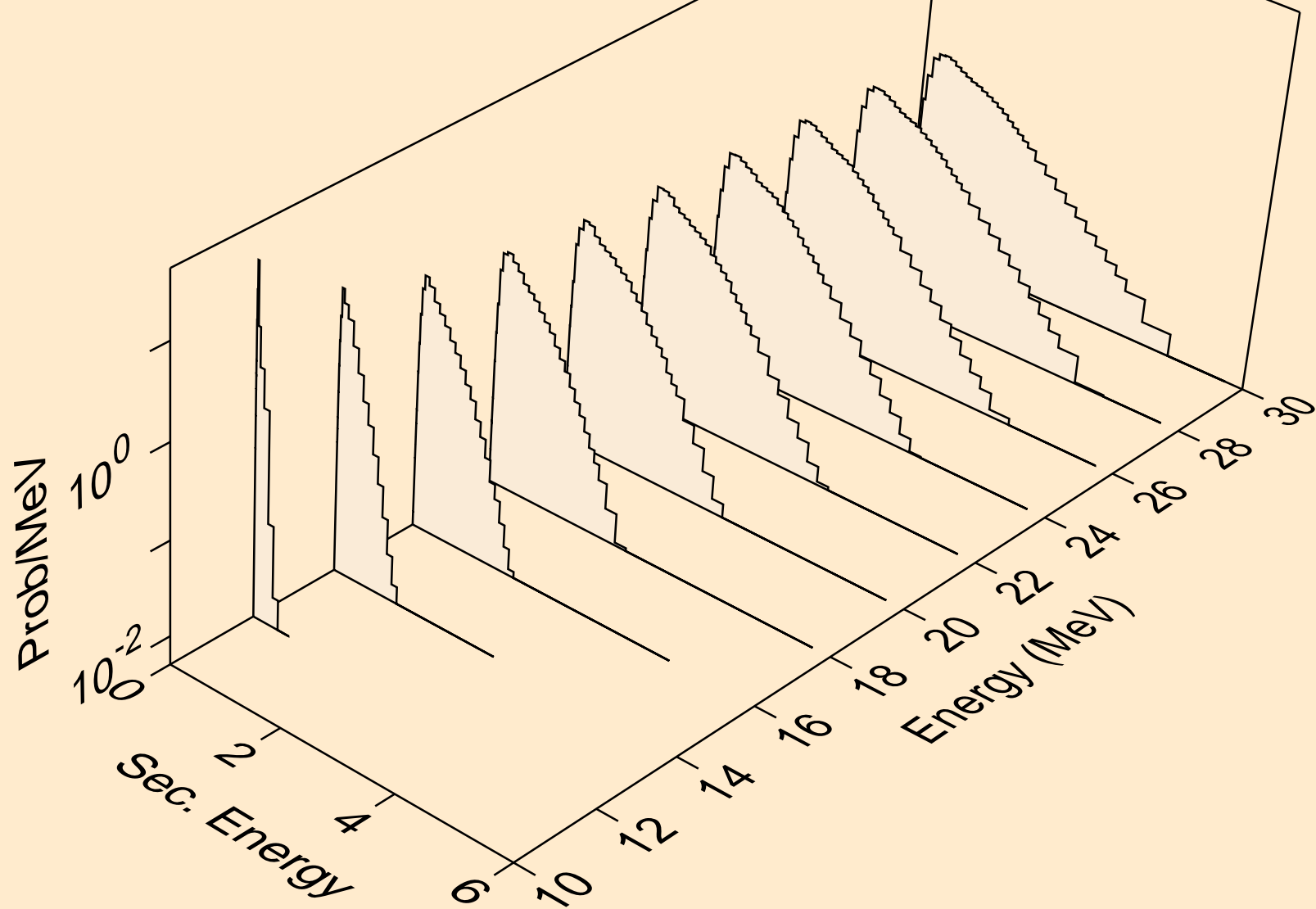
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Neutron emission for (n,n\*)p



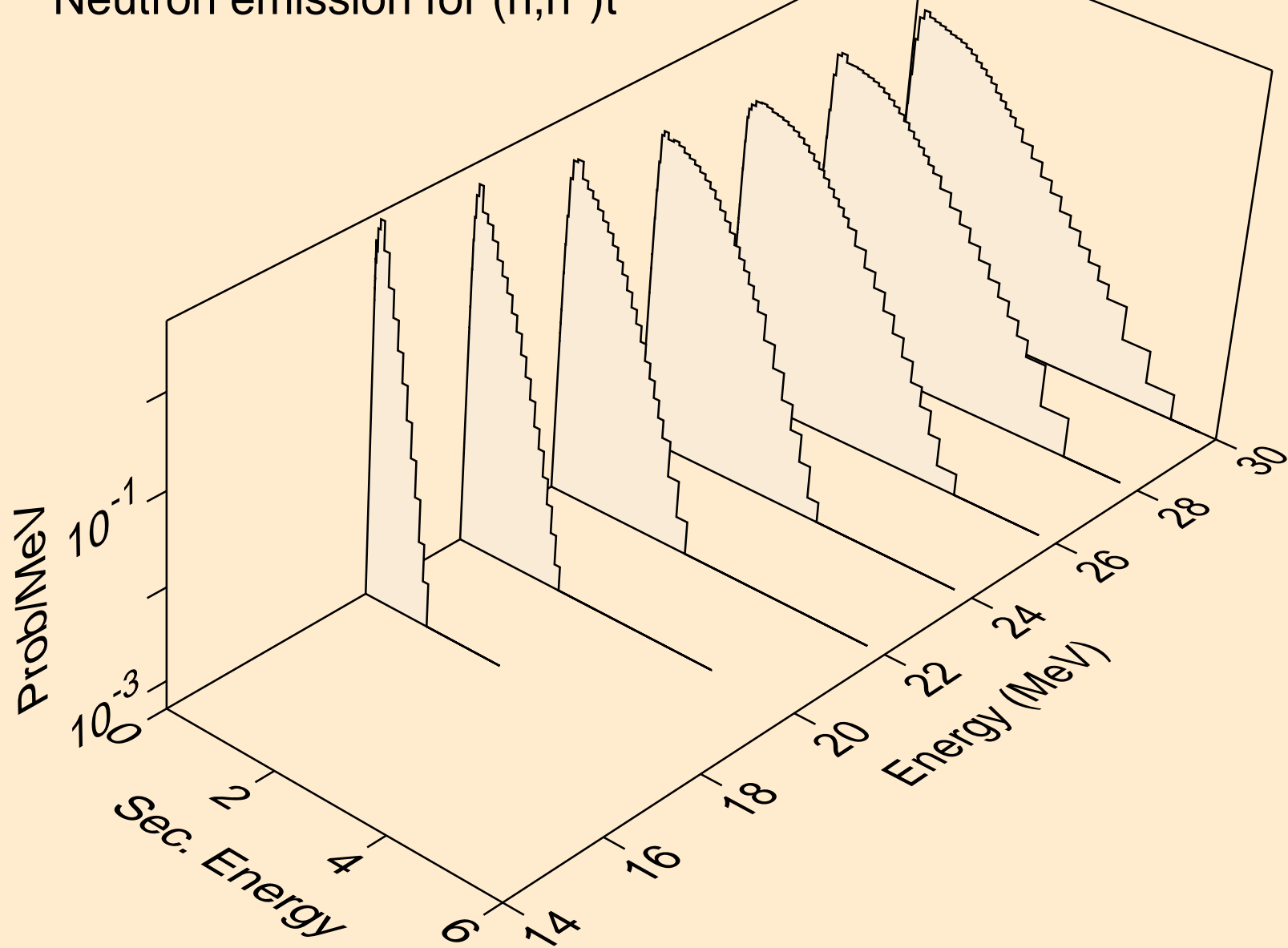
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

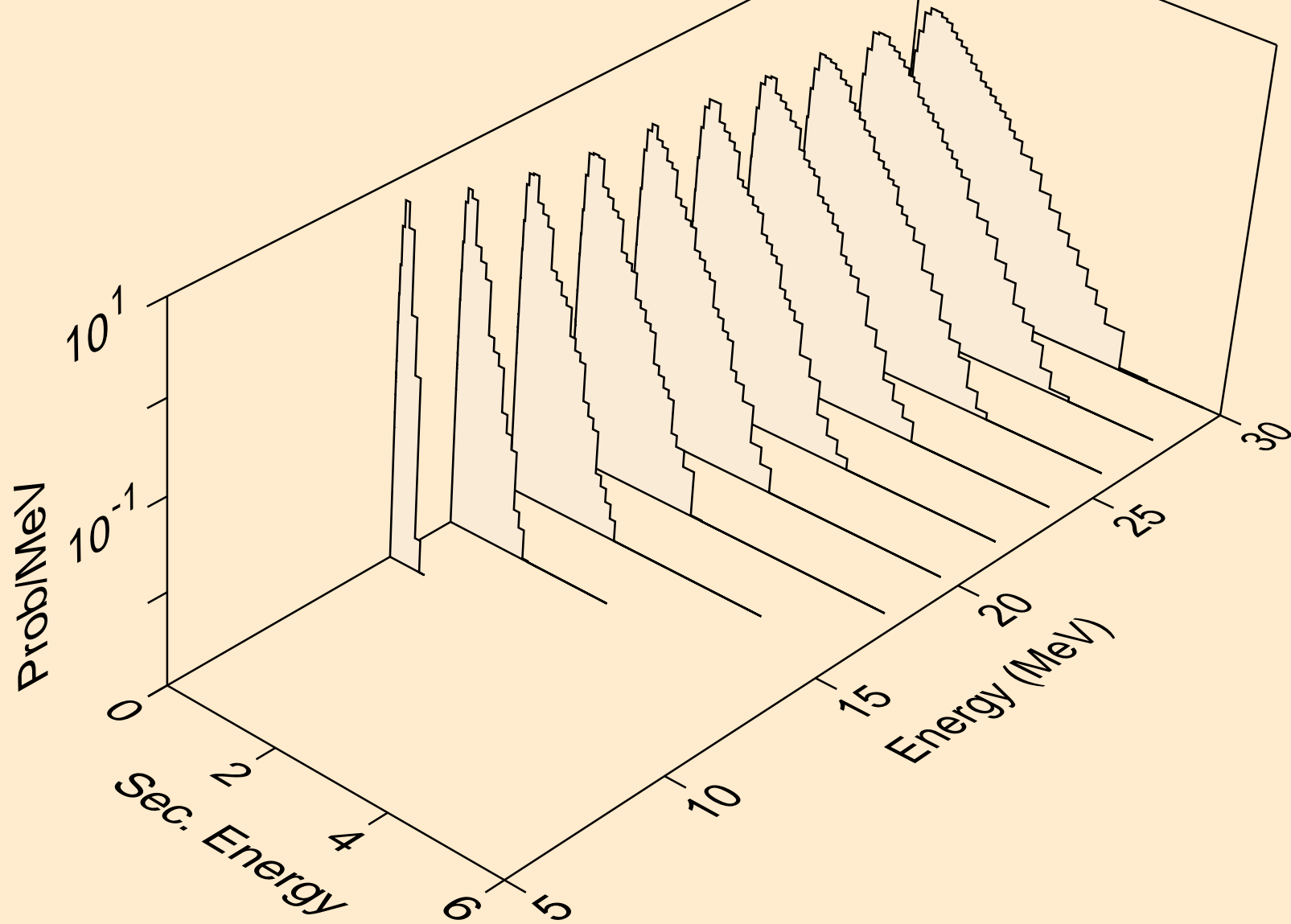


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

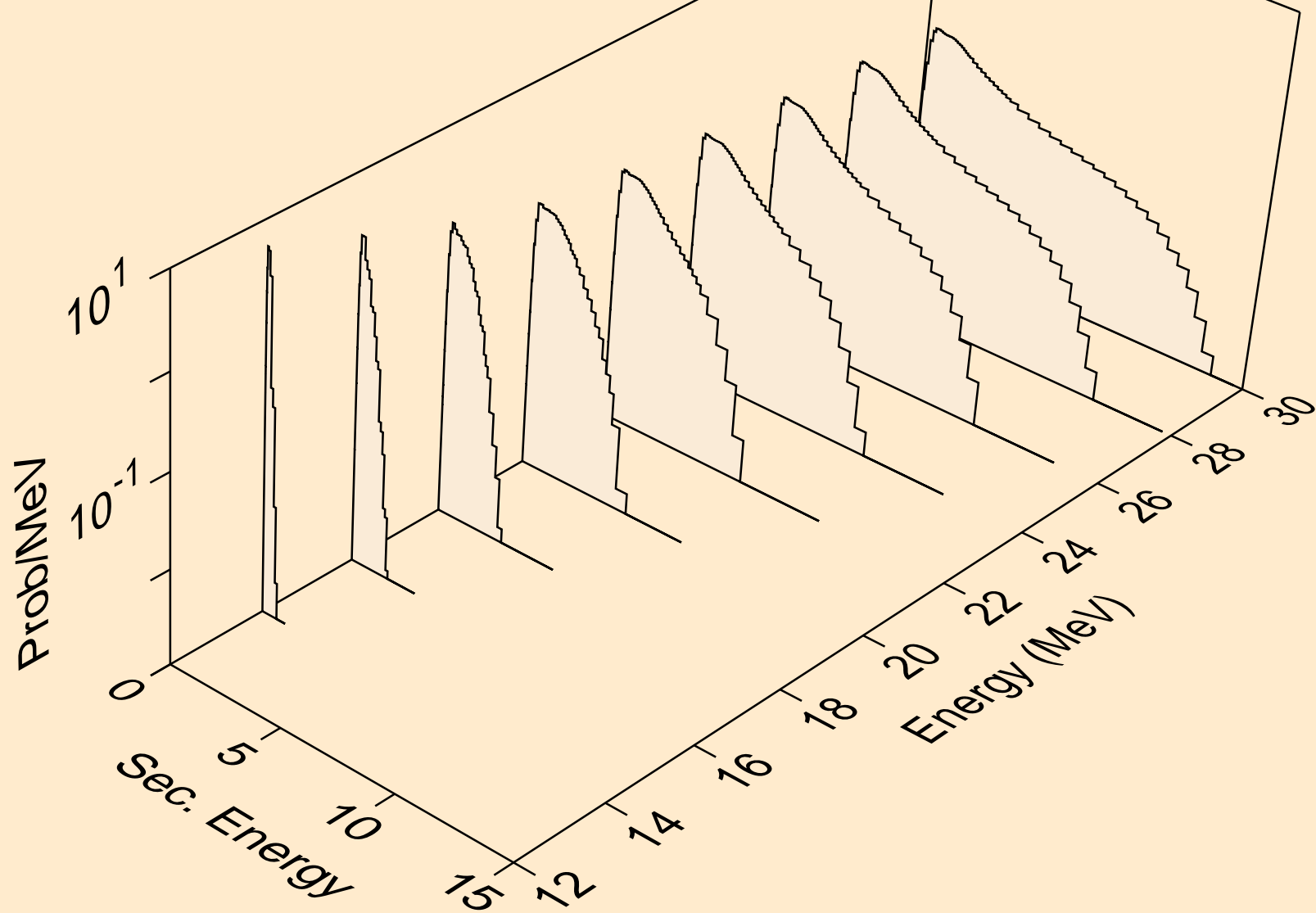




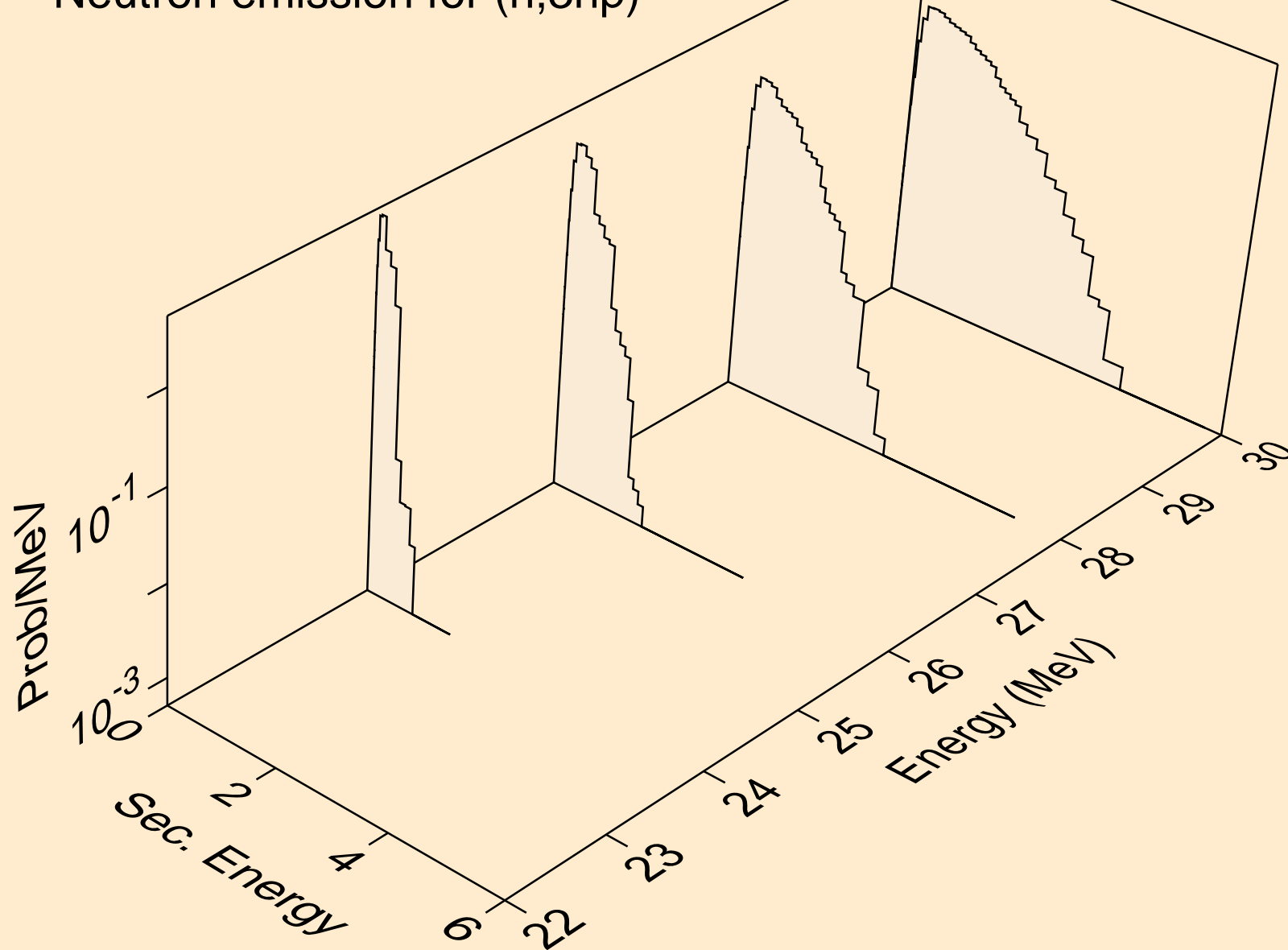
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Neutron emission for (n,n\*)he3



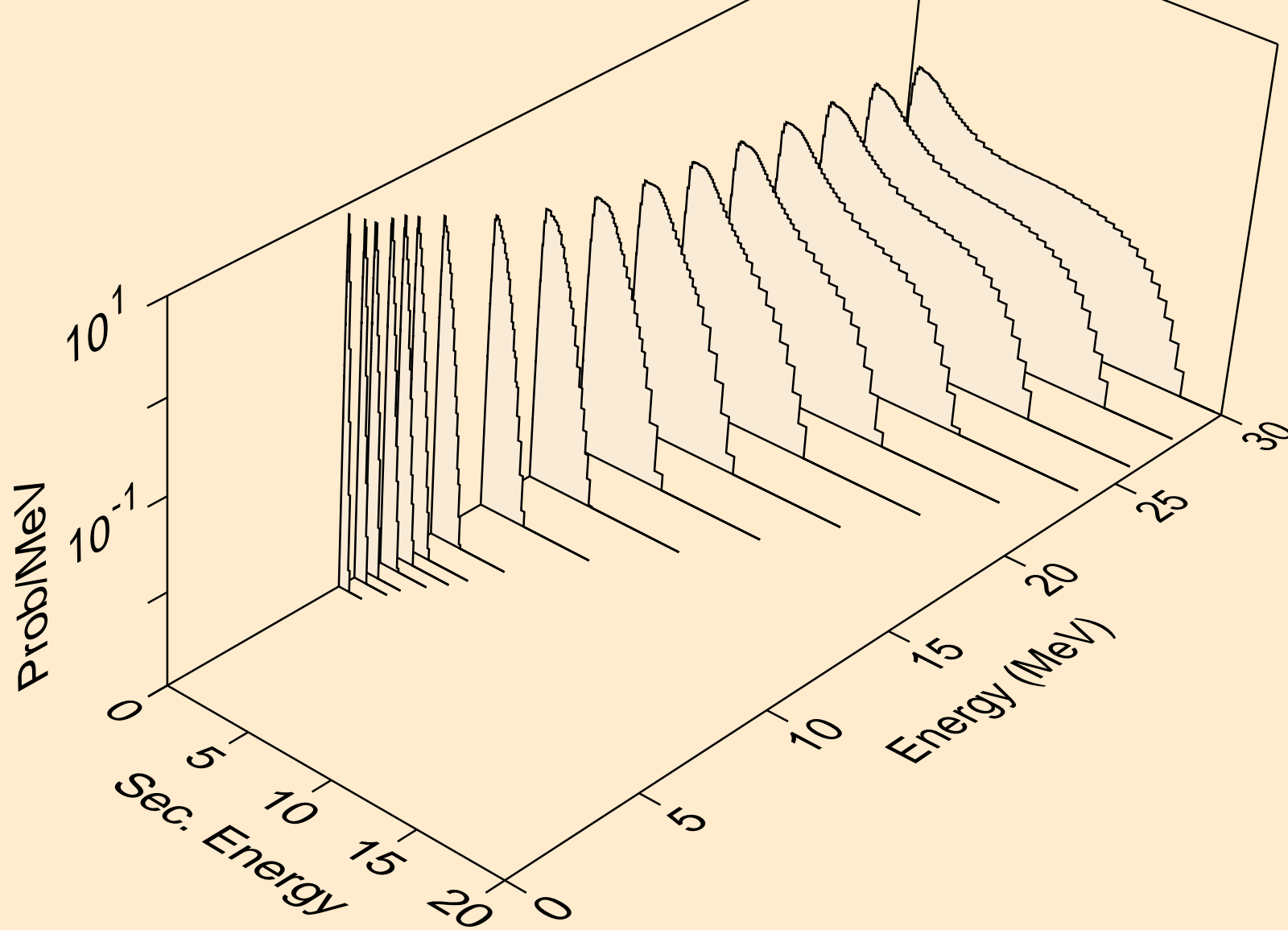
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Neutron emission for (n,2np)



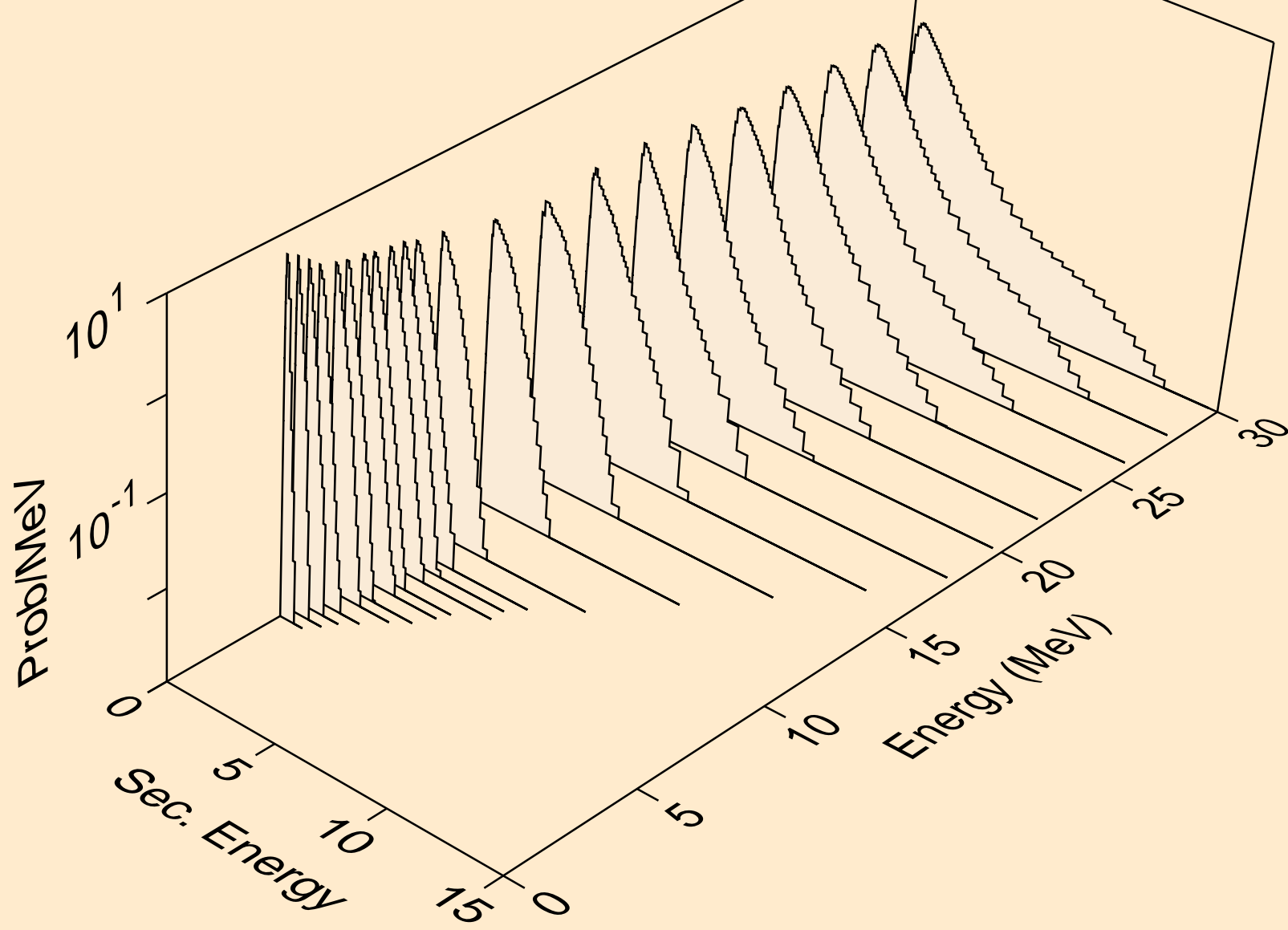
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Neutron emission for (n,3np)



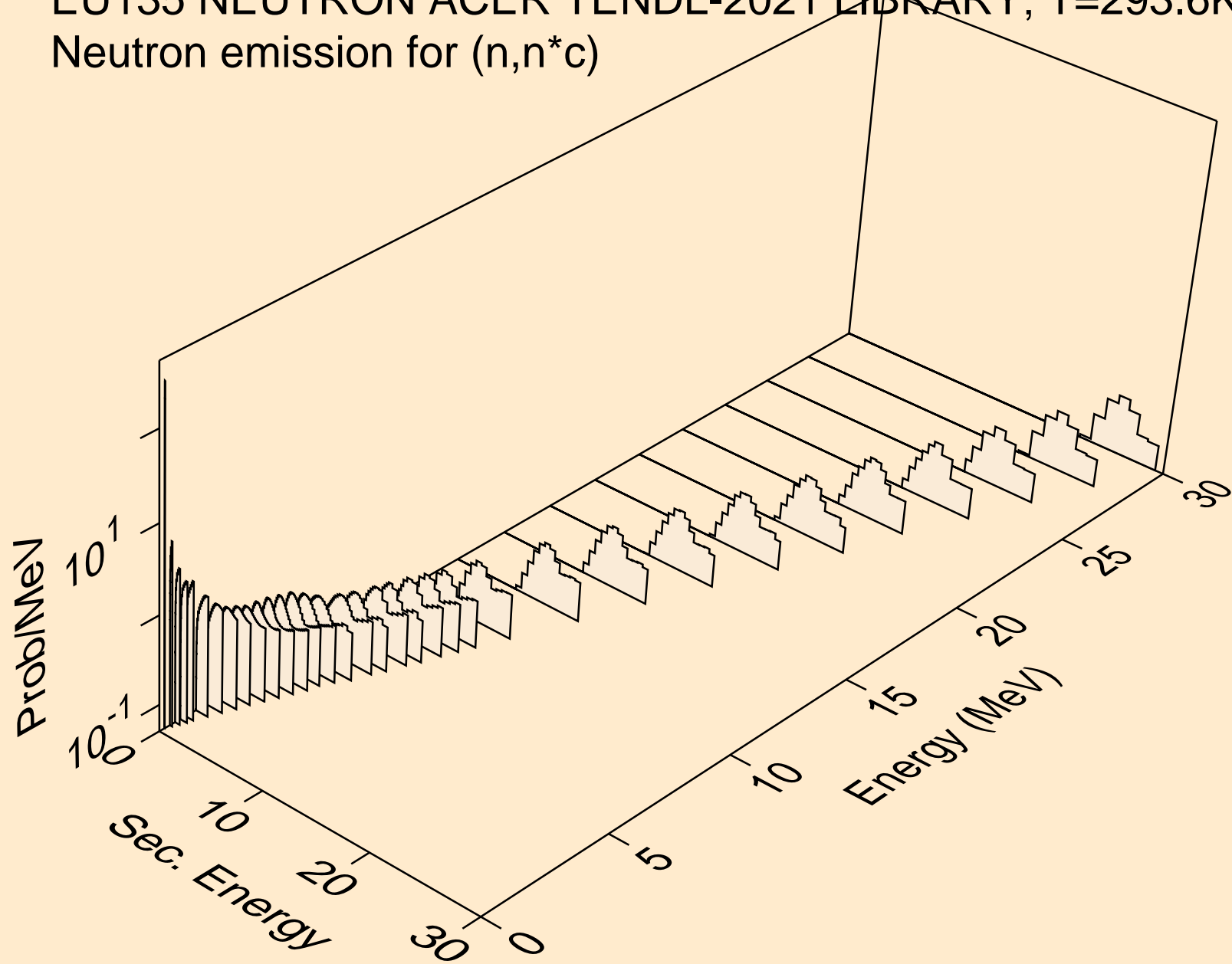
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Neutron emission for (n,2np)



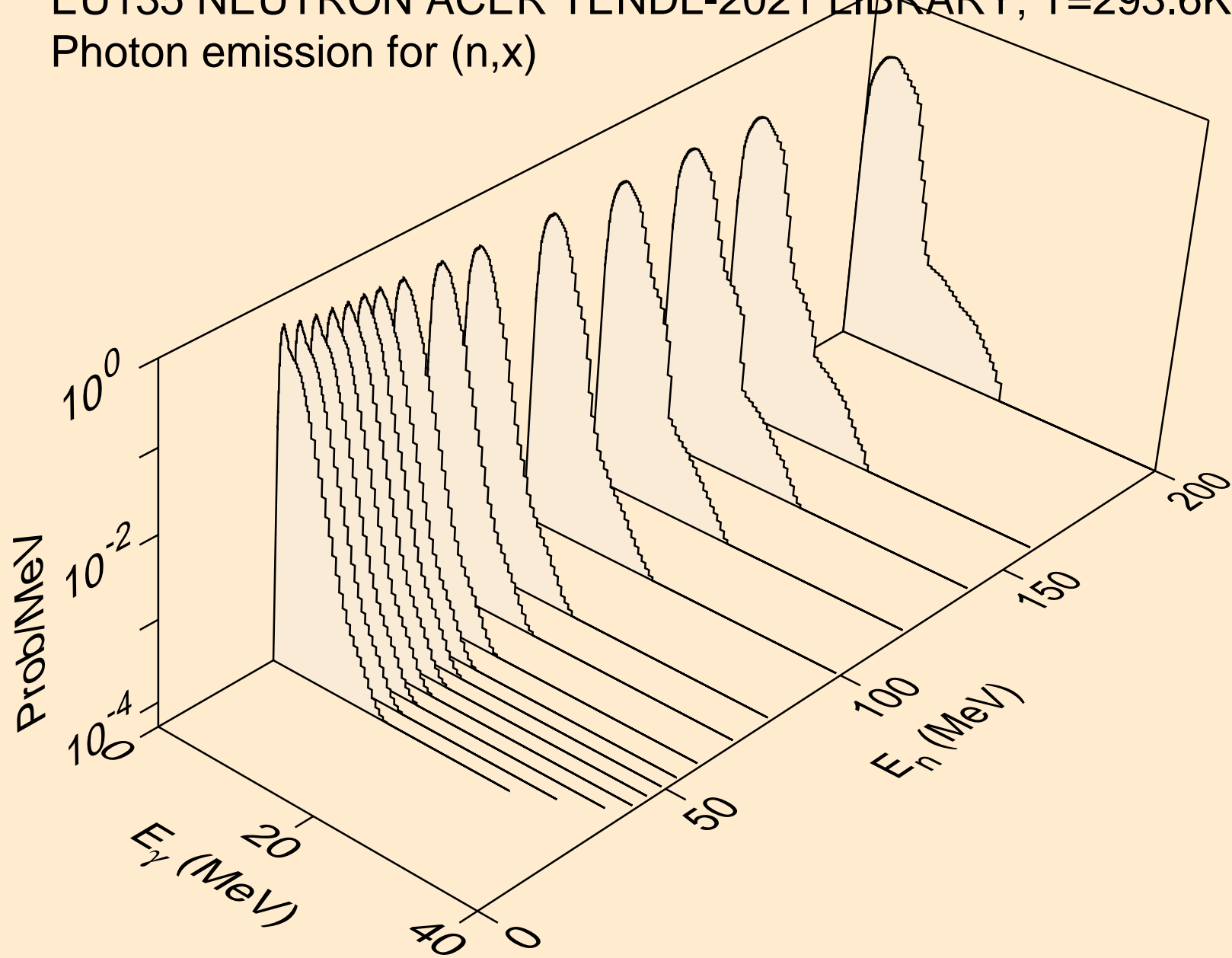
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Neutron emission for (n,npa)



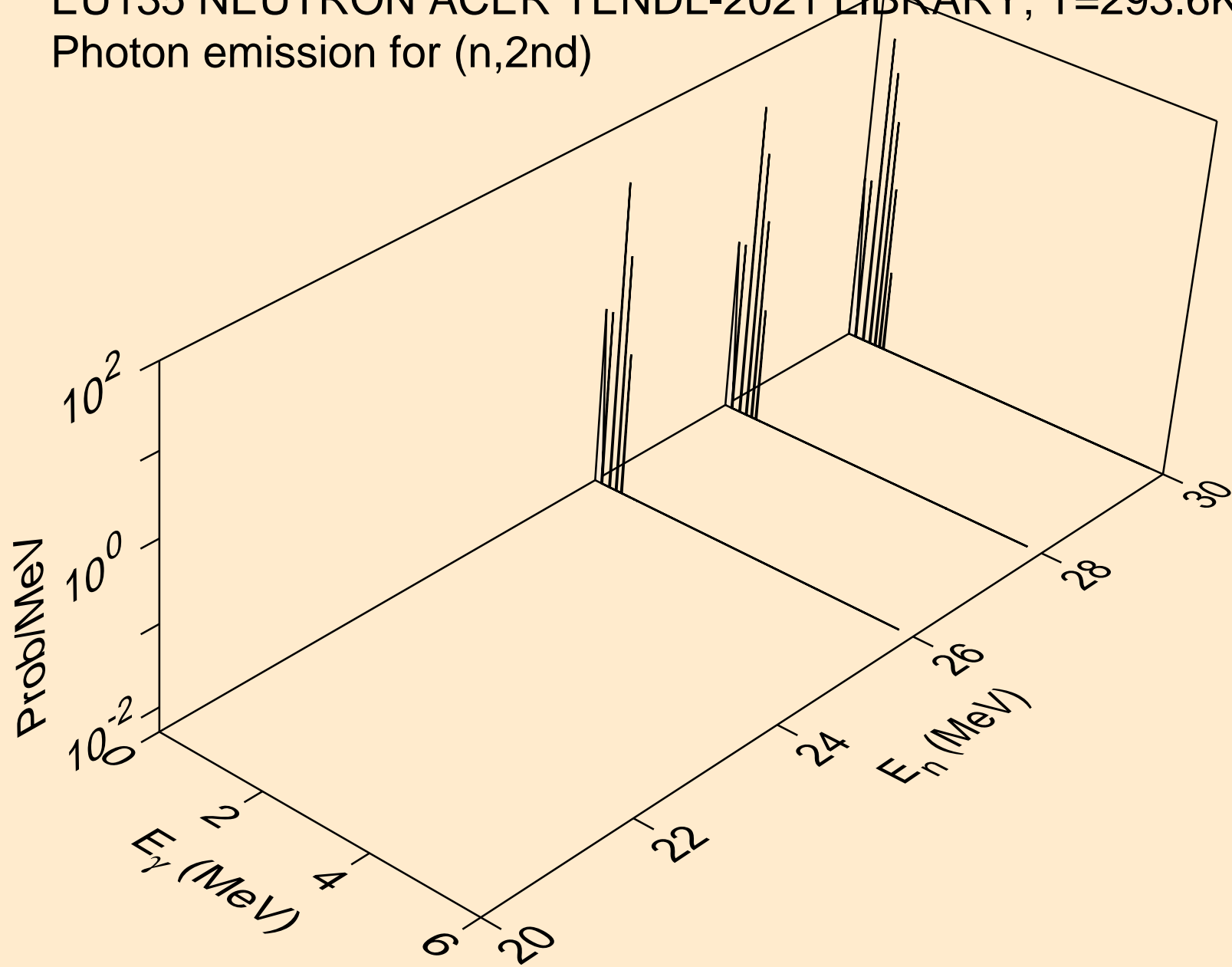
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

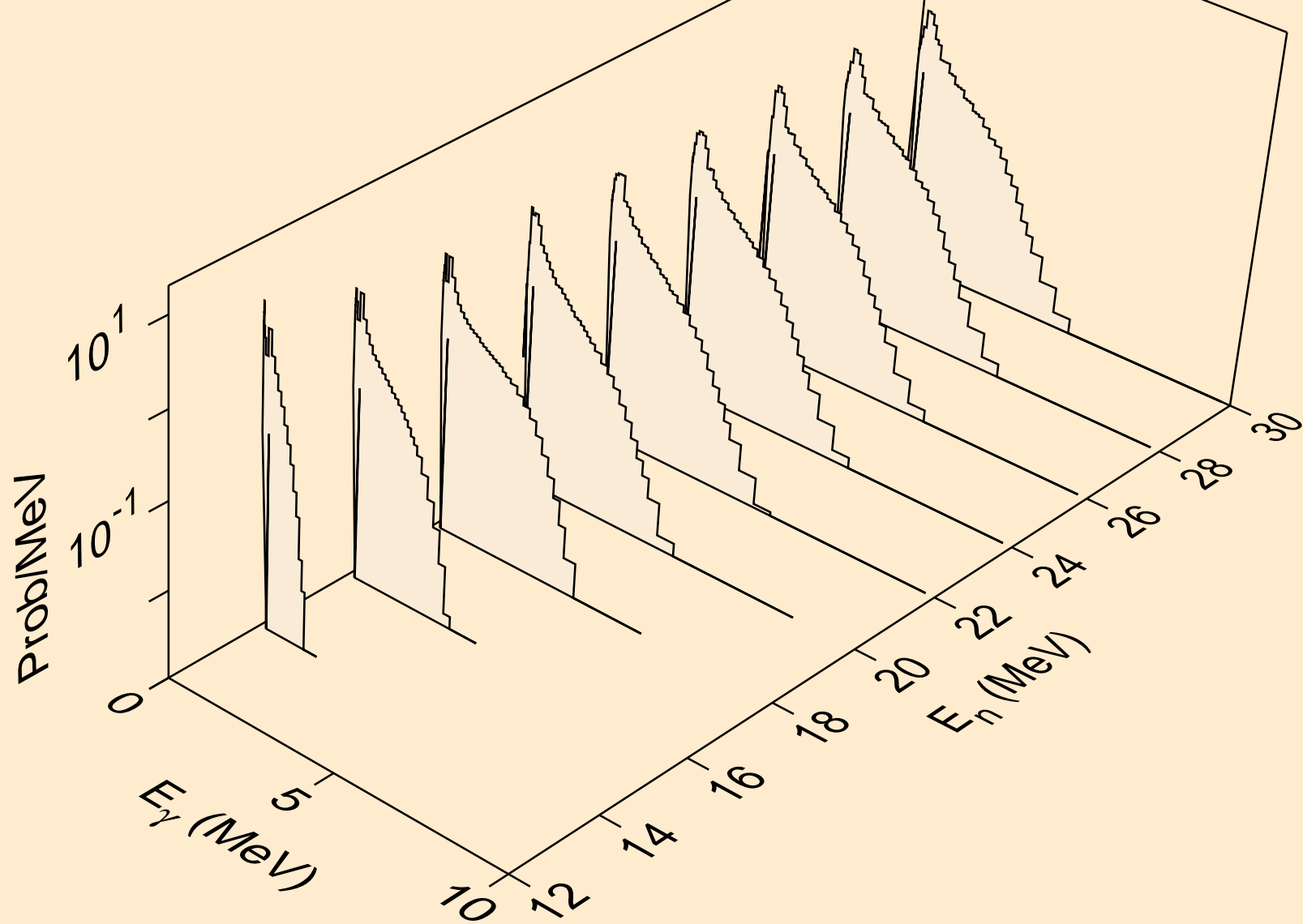


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

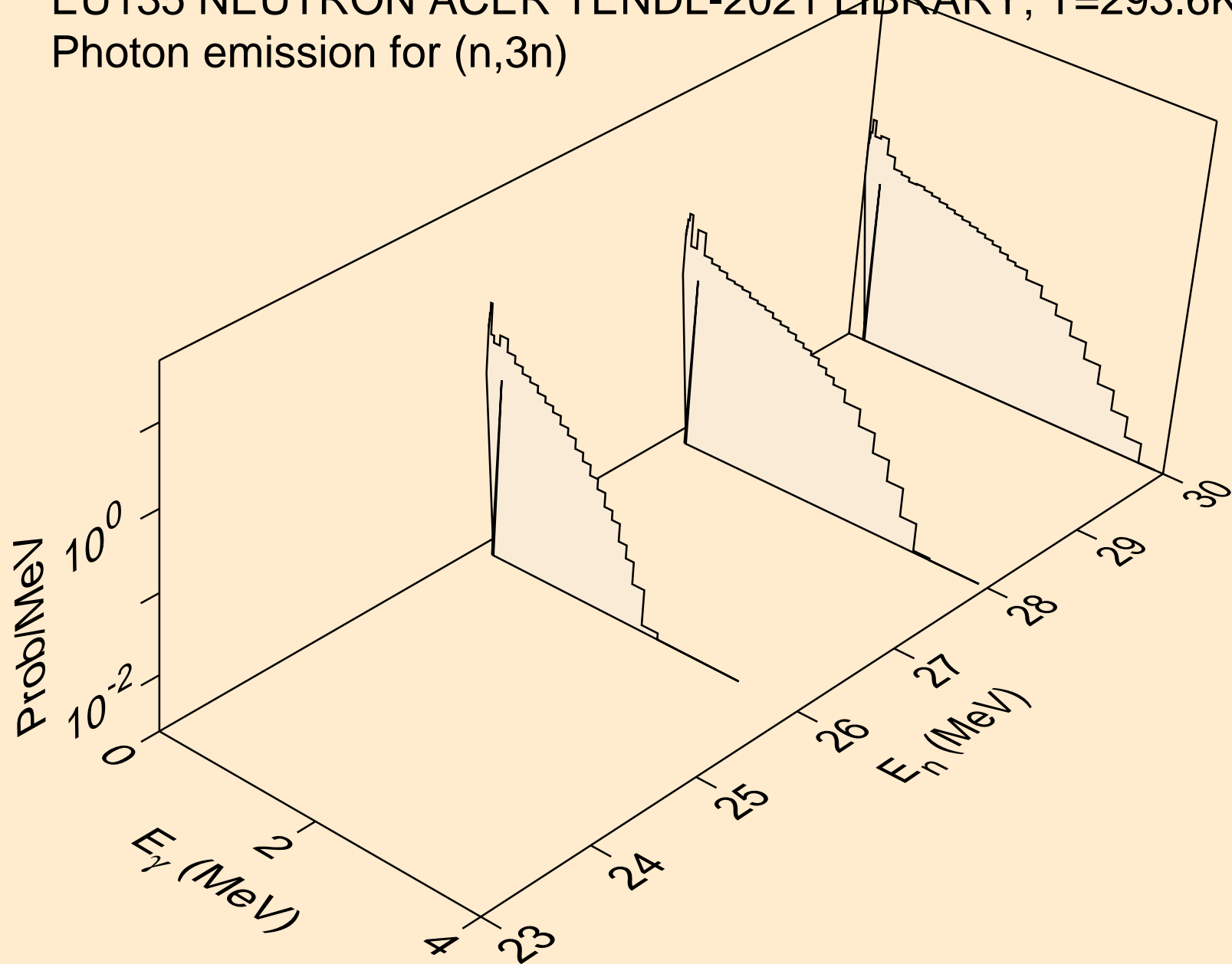




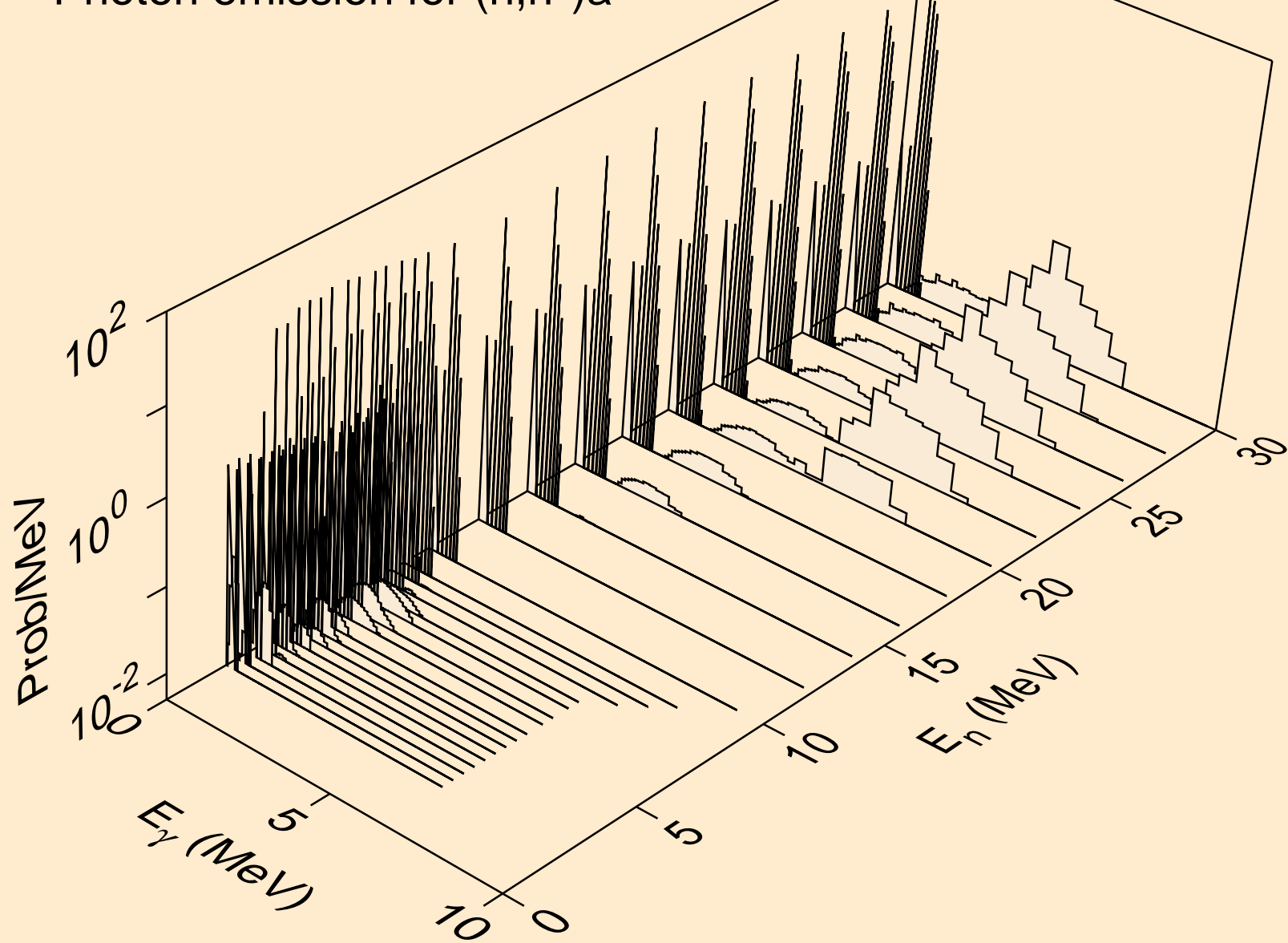
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Photon emission for (n,2n)



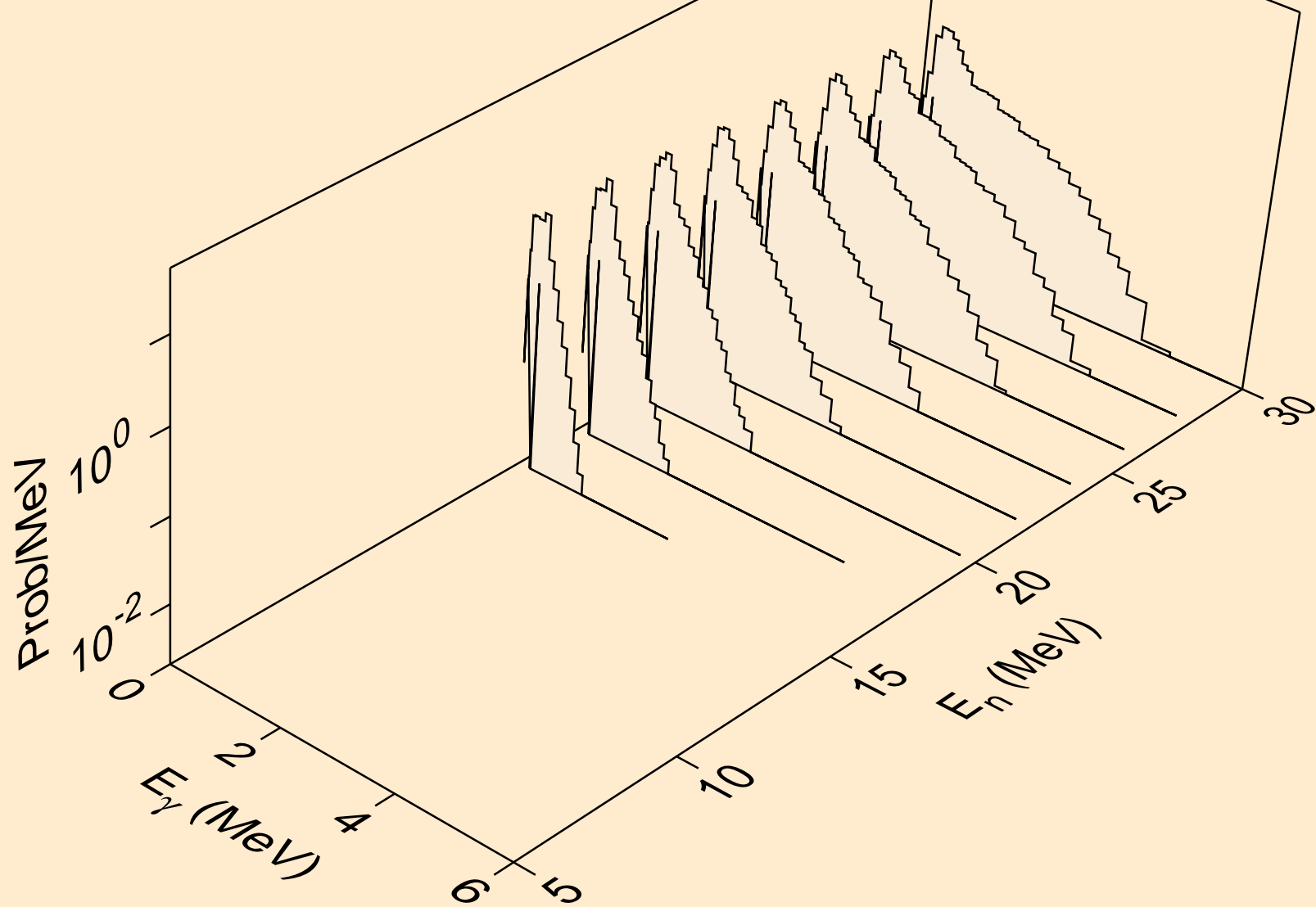
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Photon emission for (n,3n)



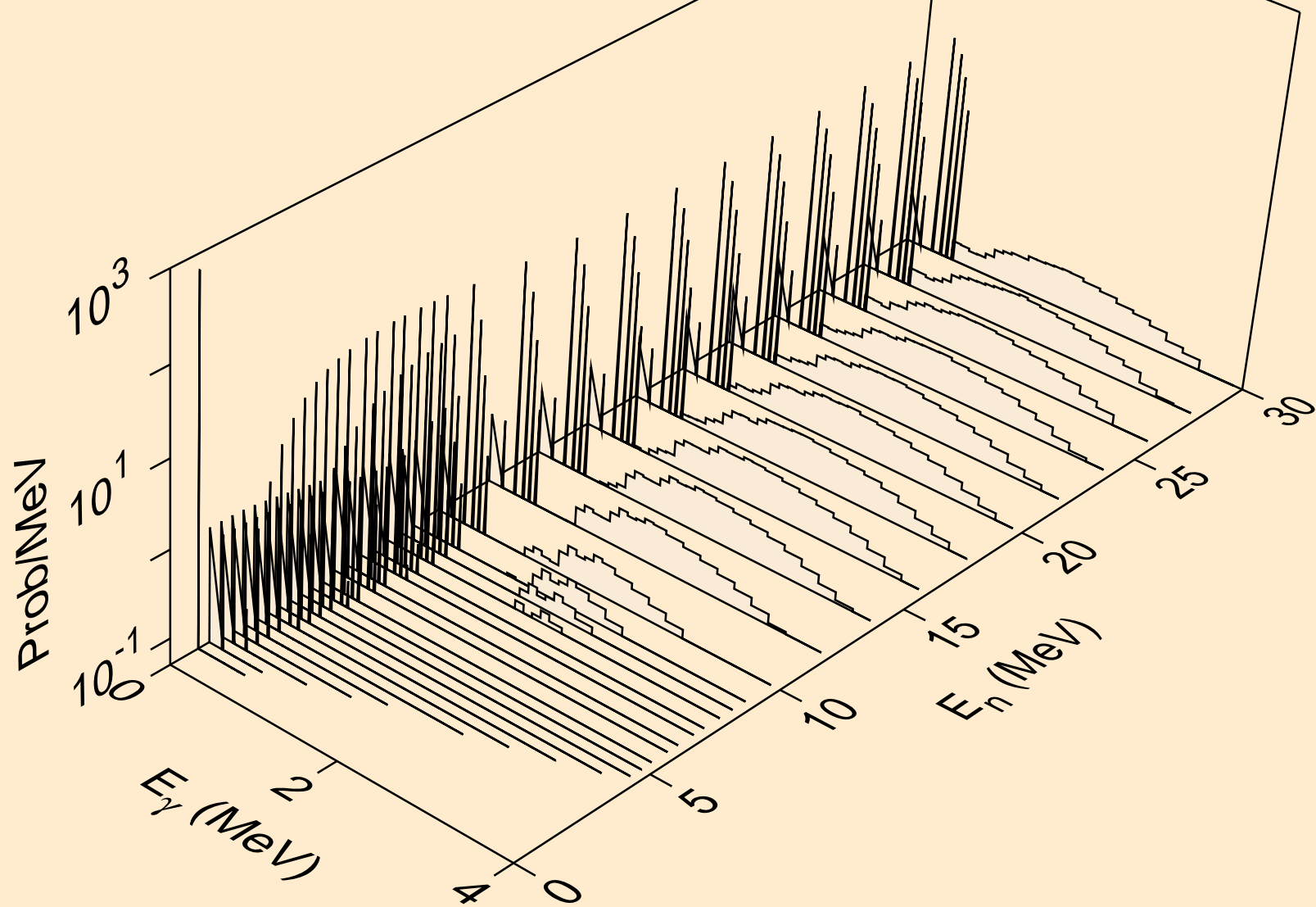
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Photon emission for (n,n\*)a



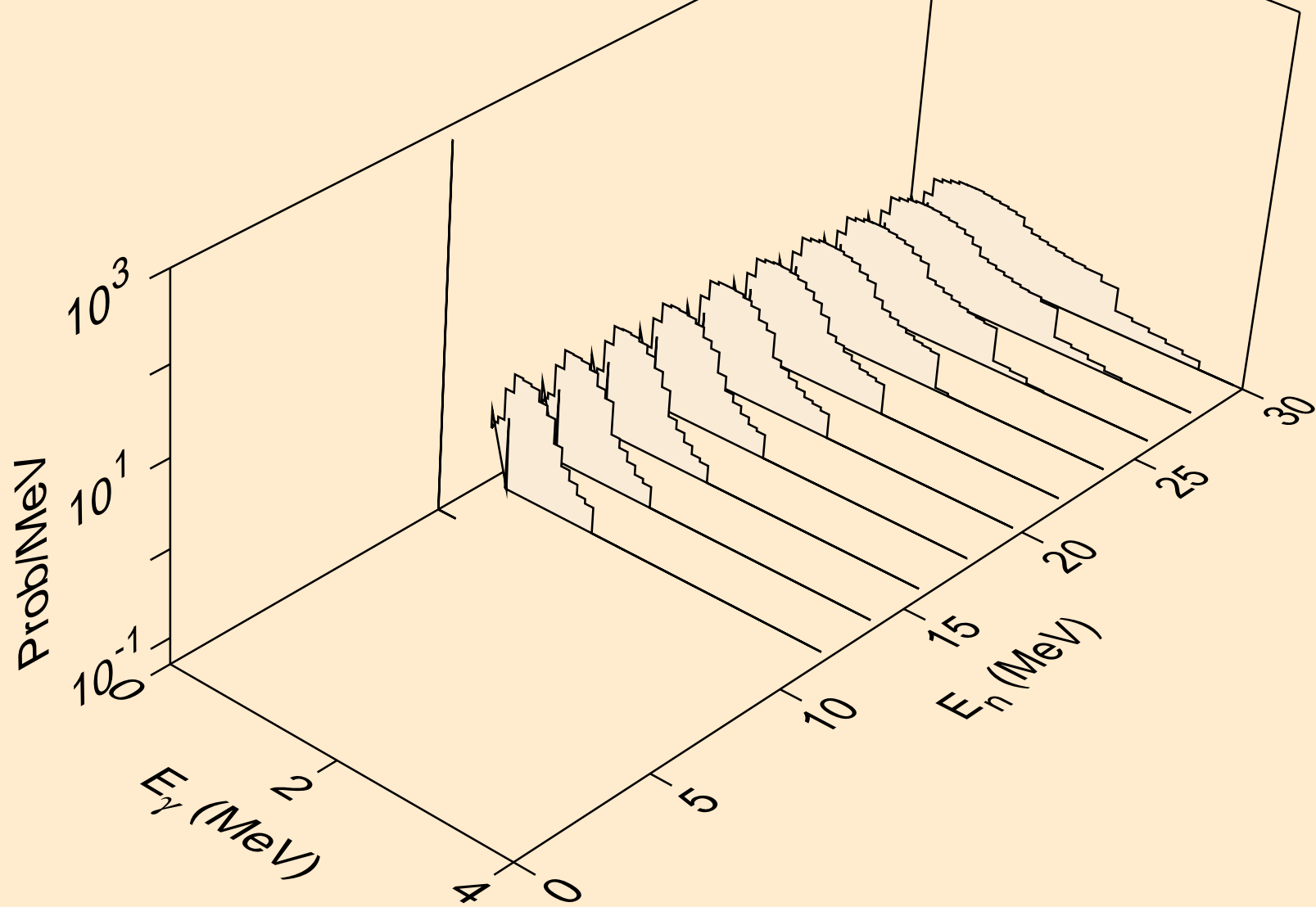
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Photon emission for (n,2n)a



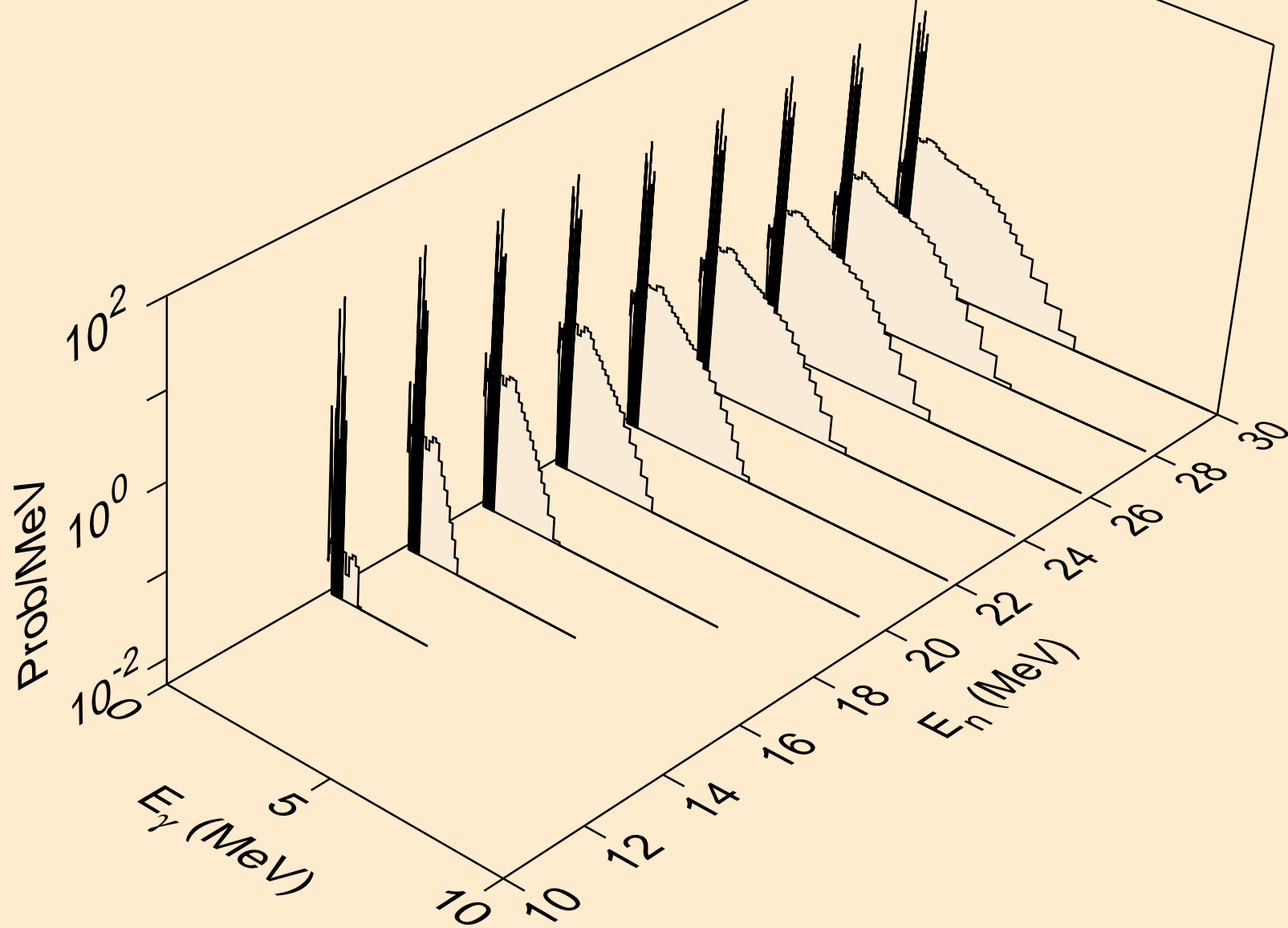
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Photon emission for (n,n\*)p



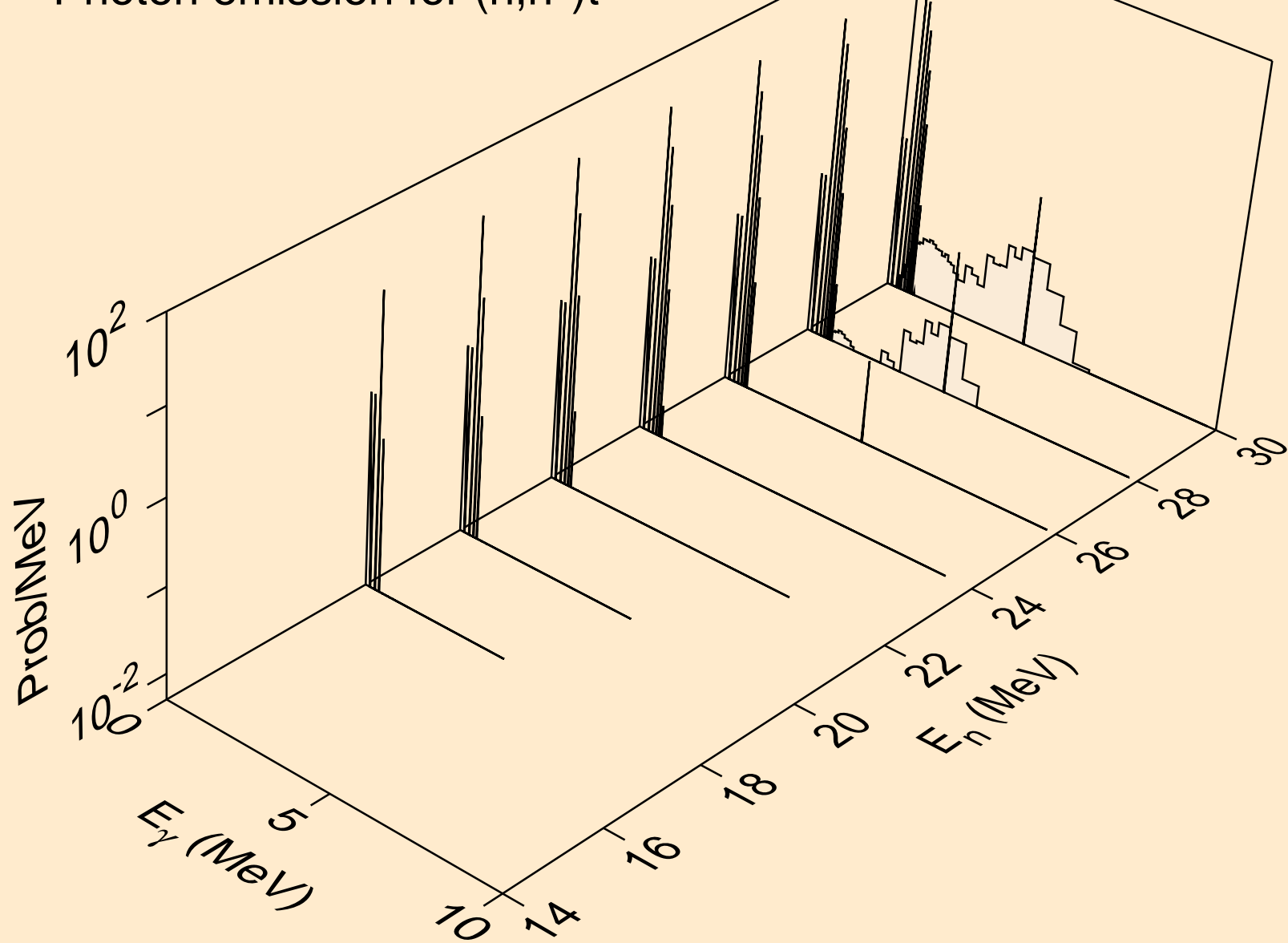
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

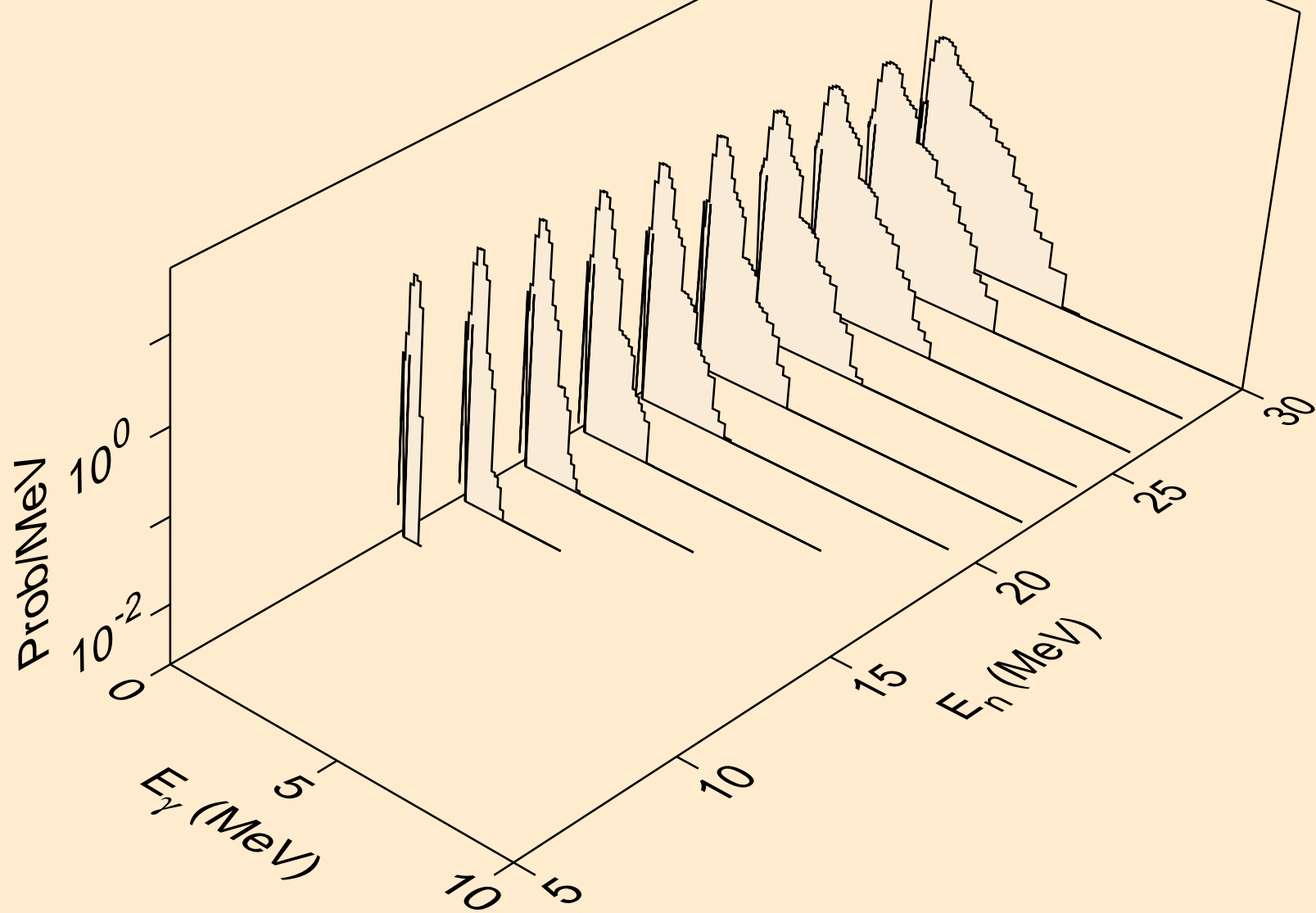


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

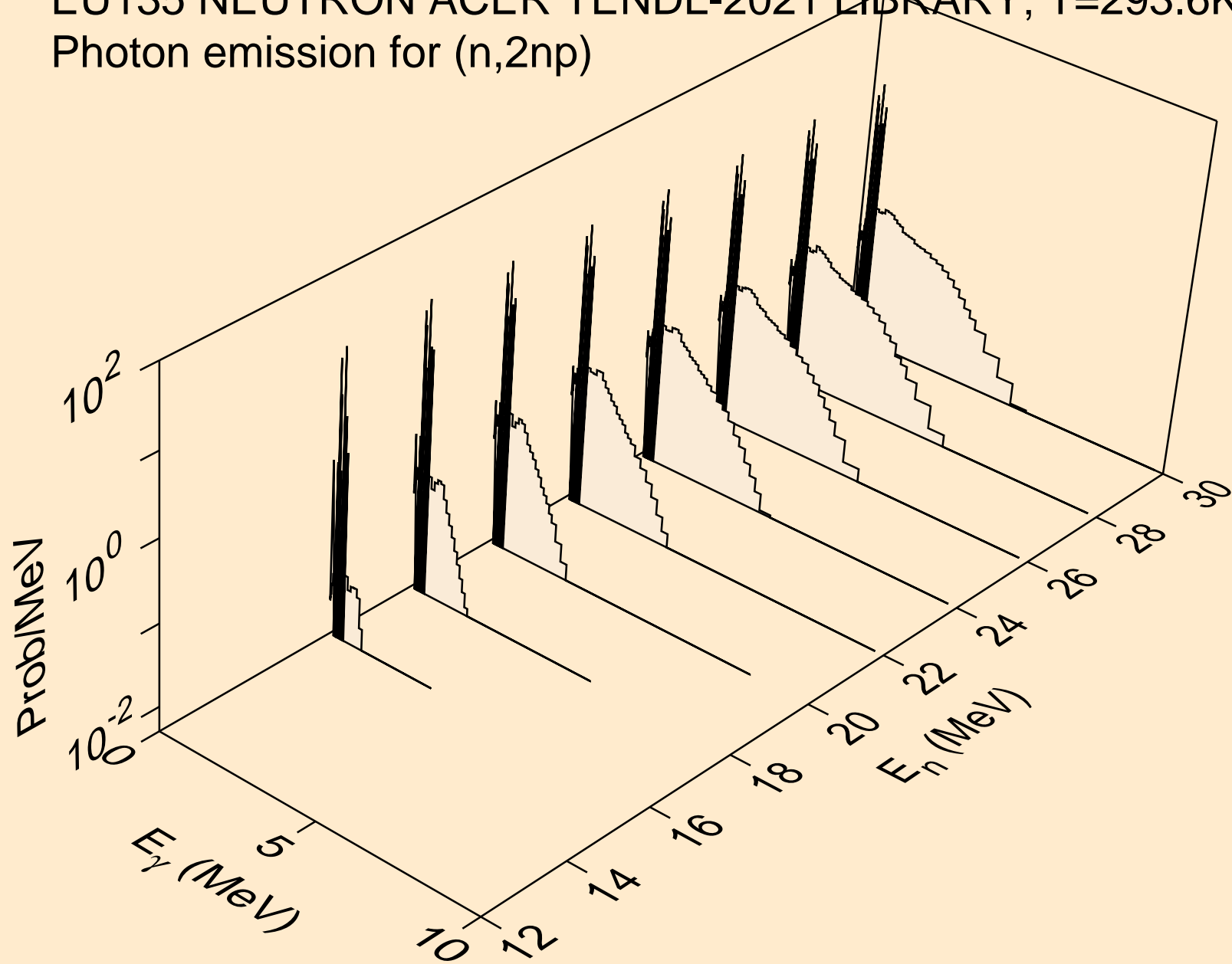




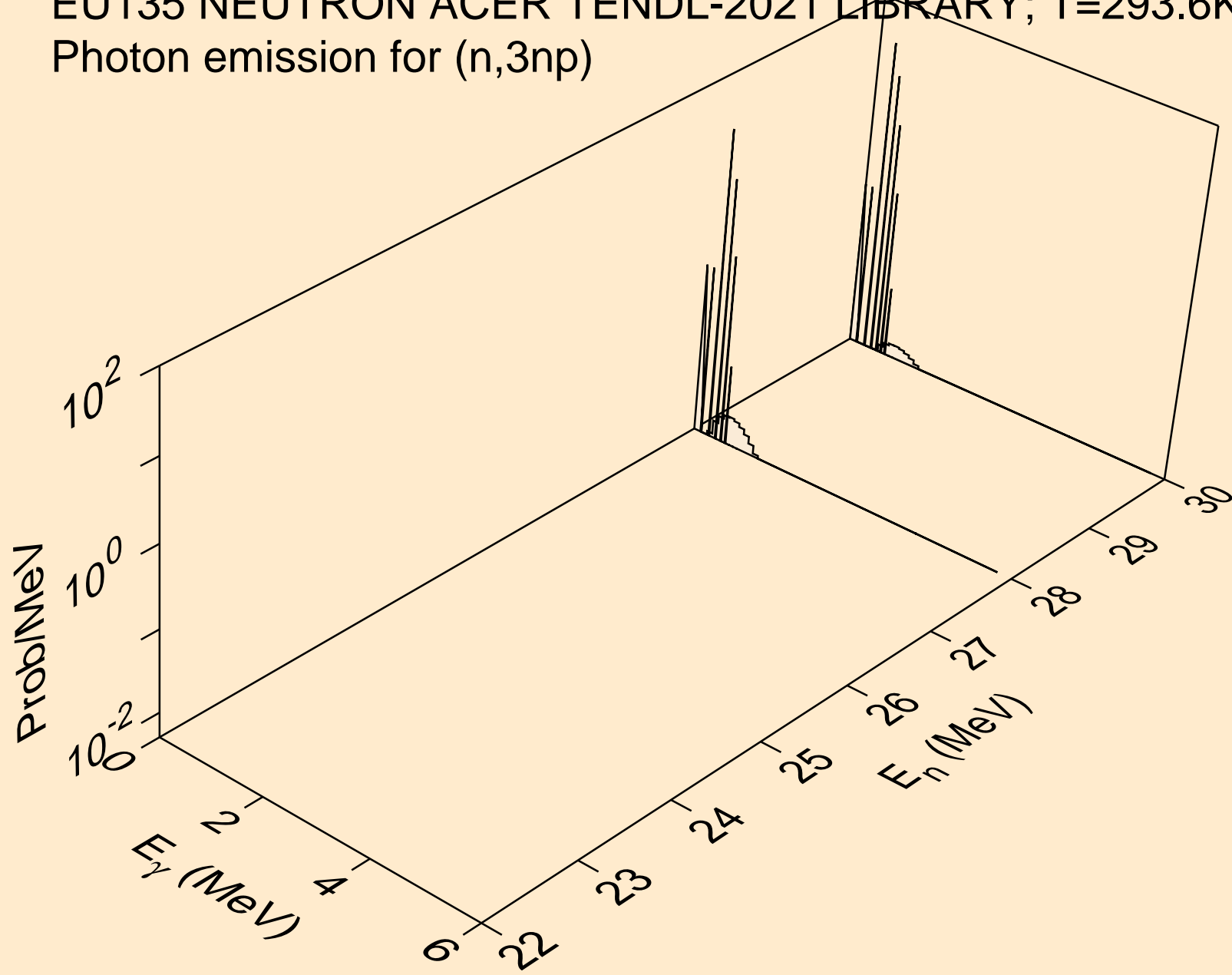
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Photon emission for (n,n\*)he3



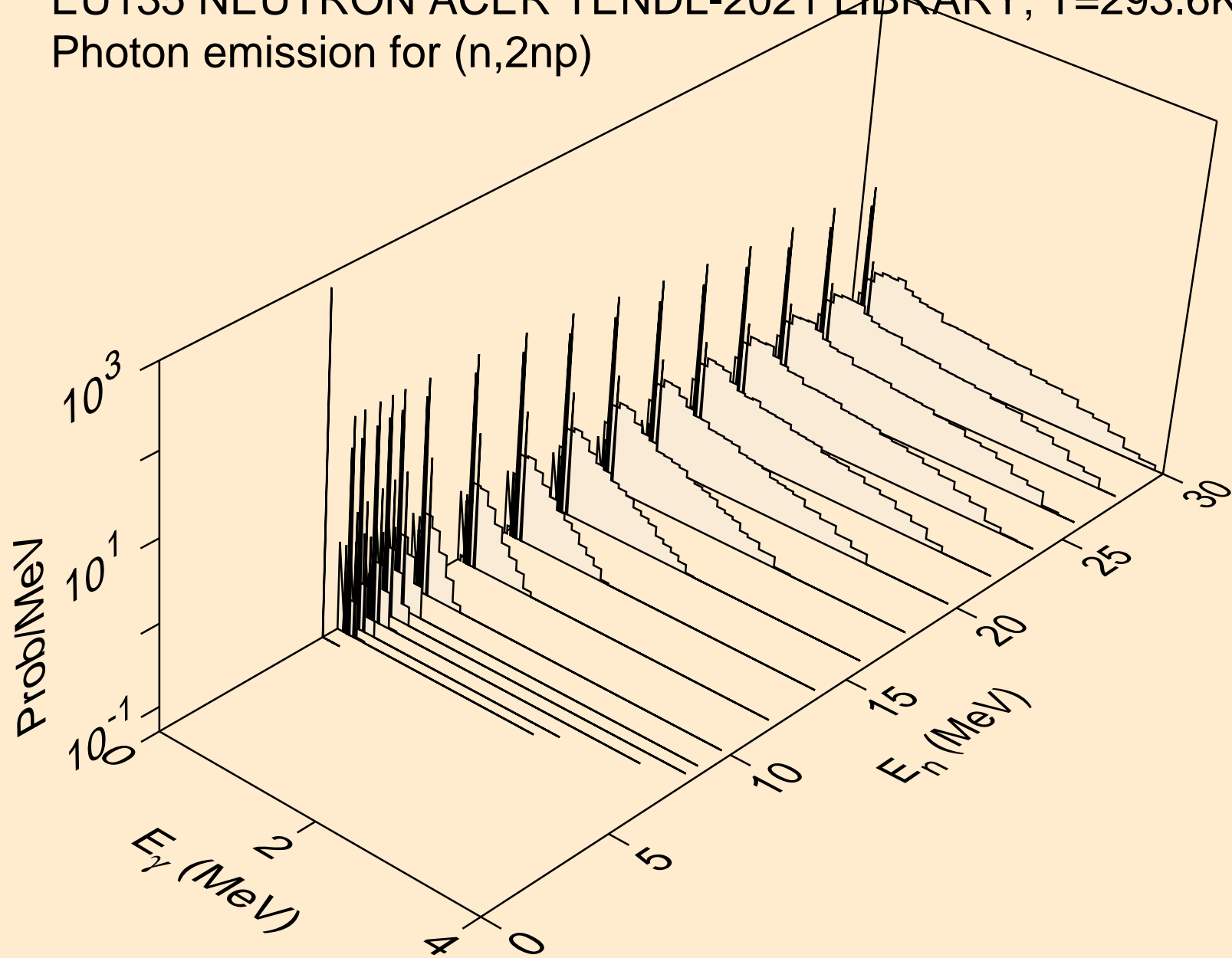
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Photon emission for (n,2np)



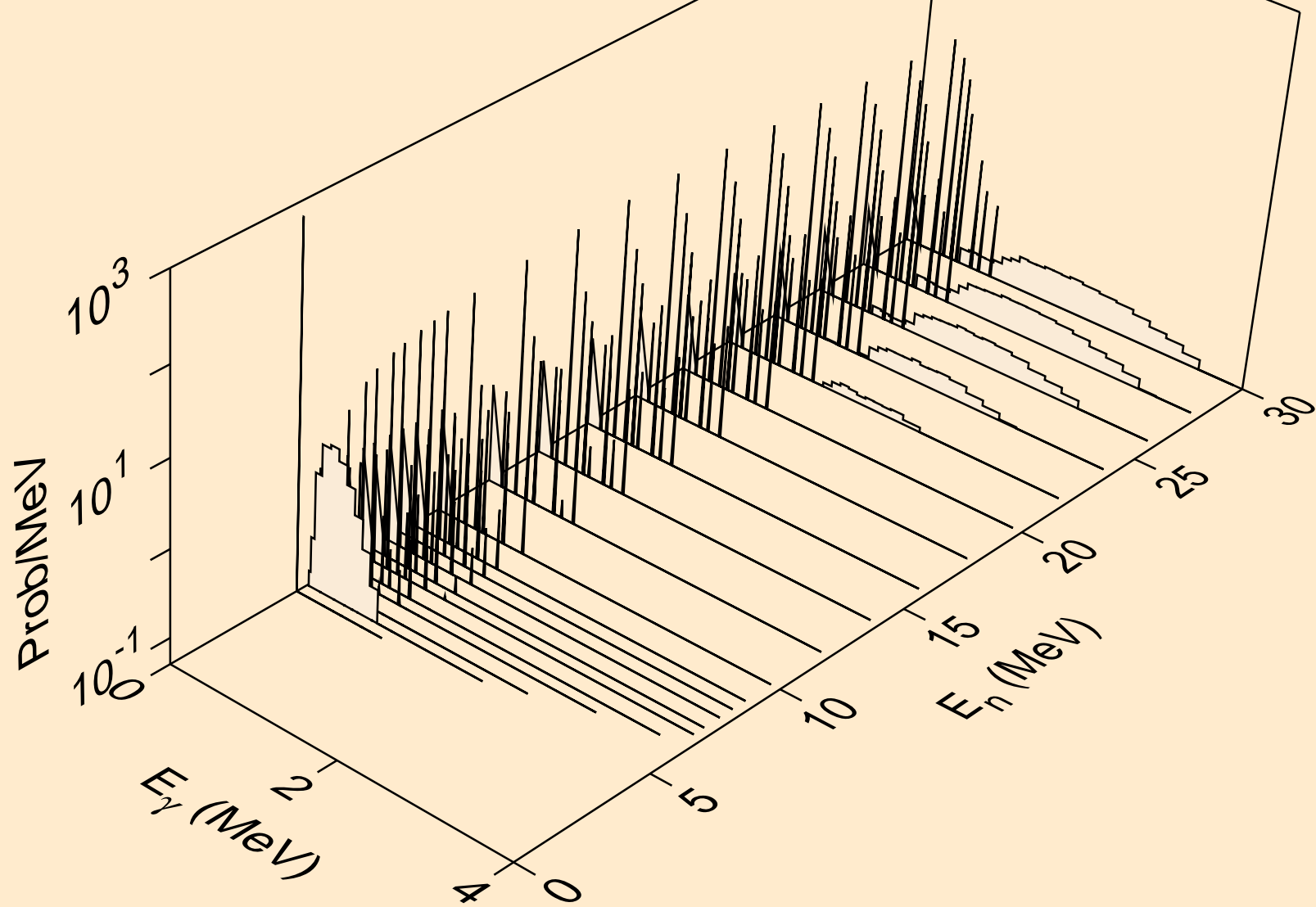
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Photon emission for (n,3np)



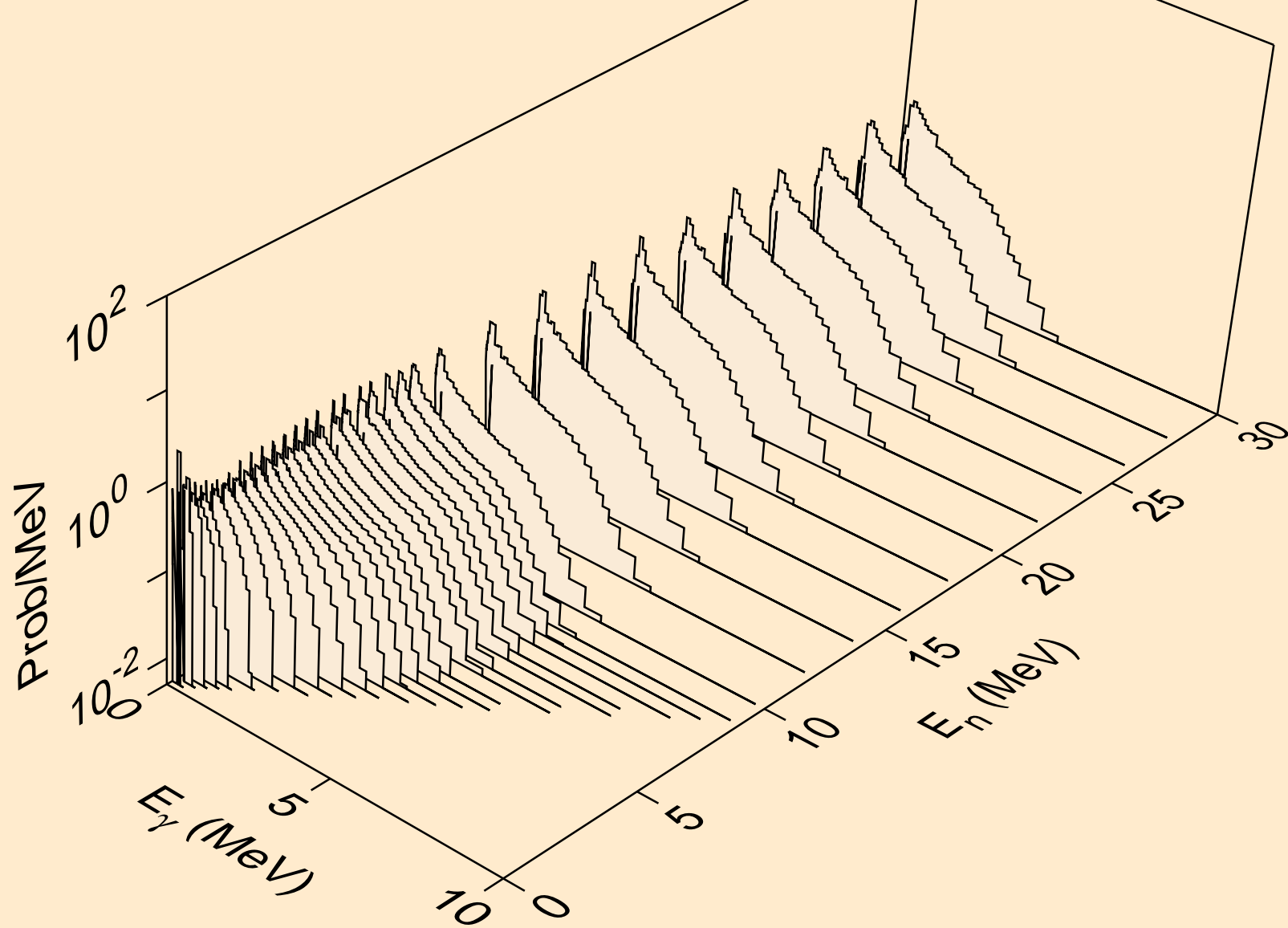
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Photon emission for (n,2np)



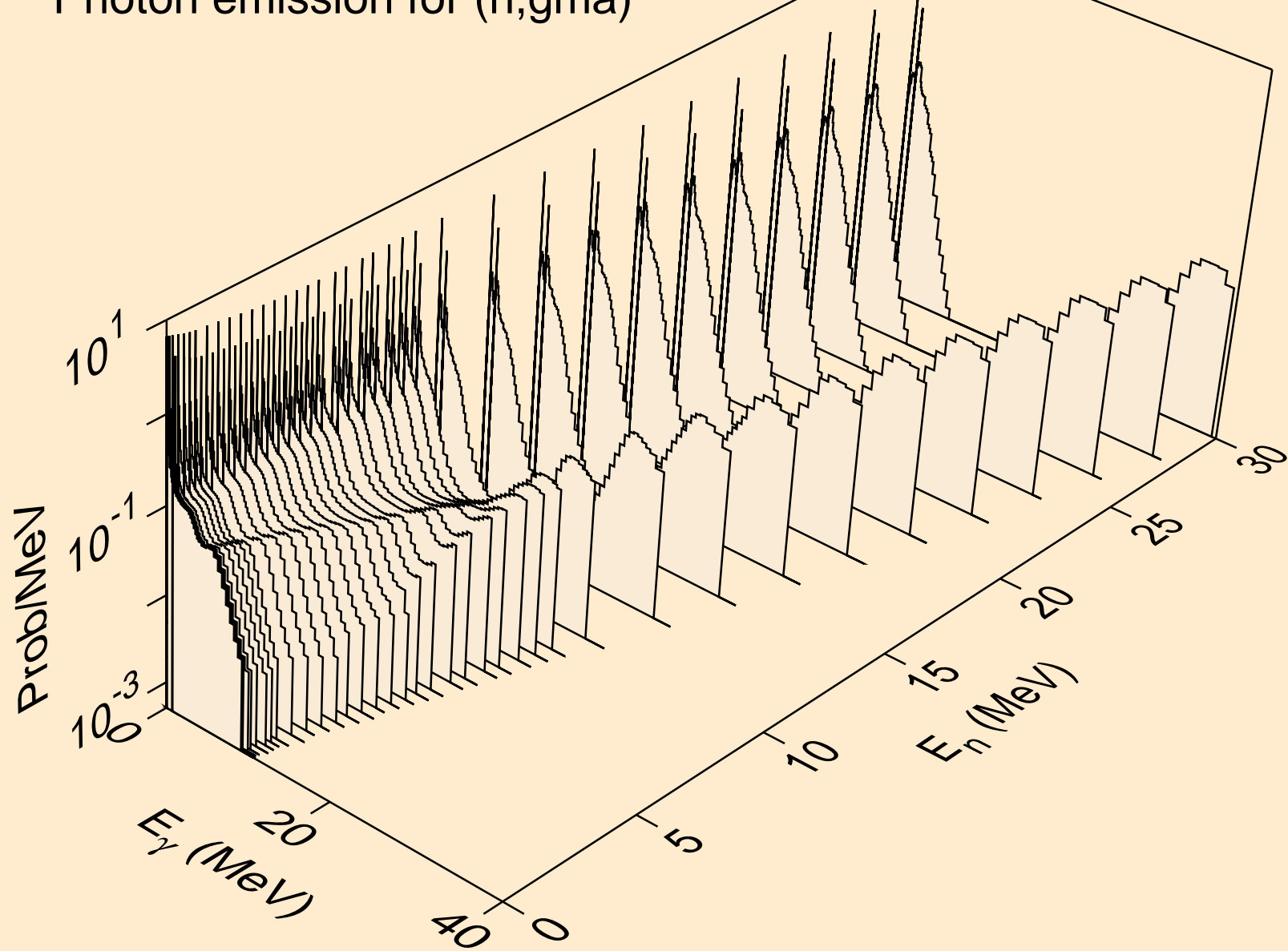
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Photon emission for (n,npa)



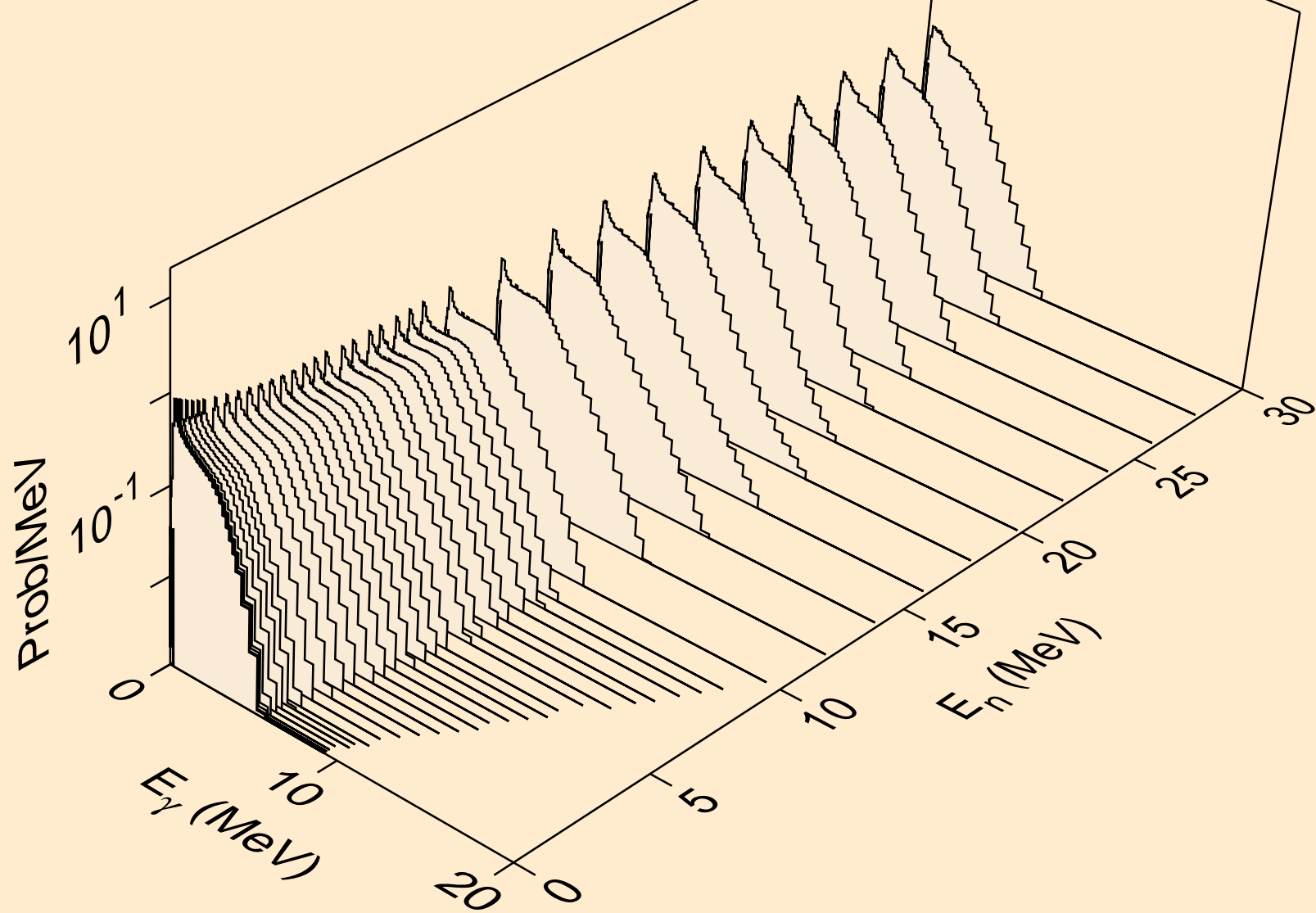
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

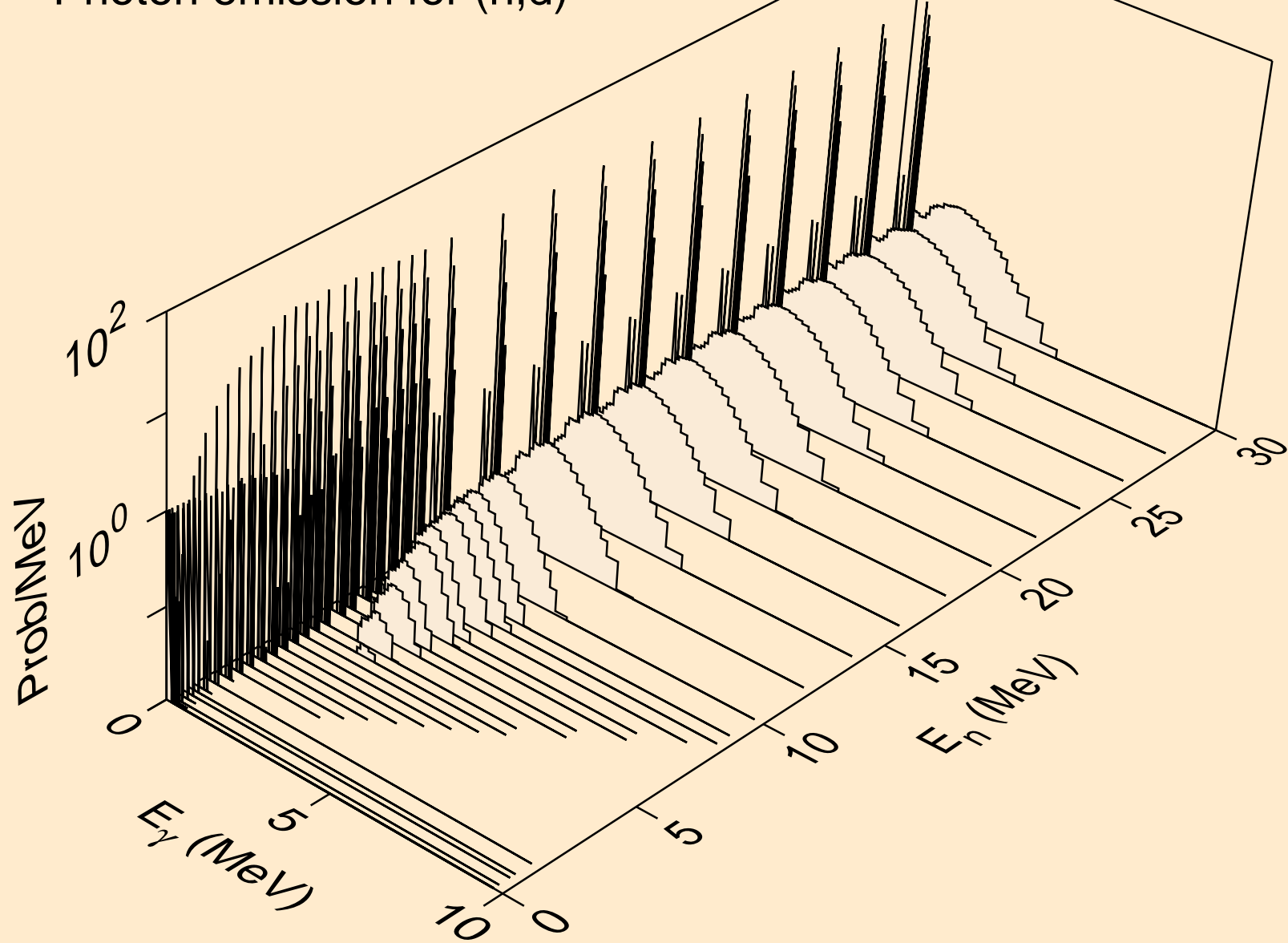


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

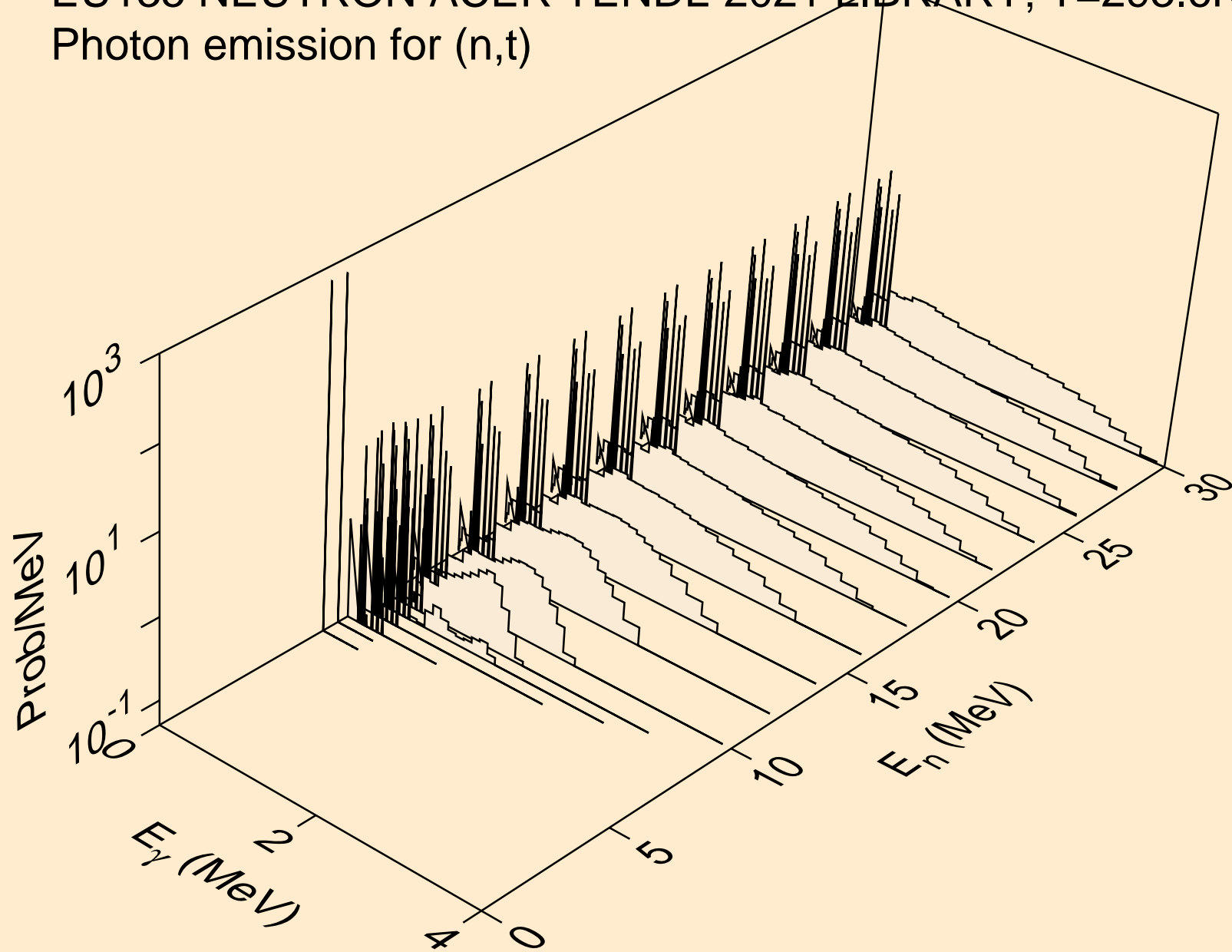




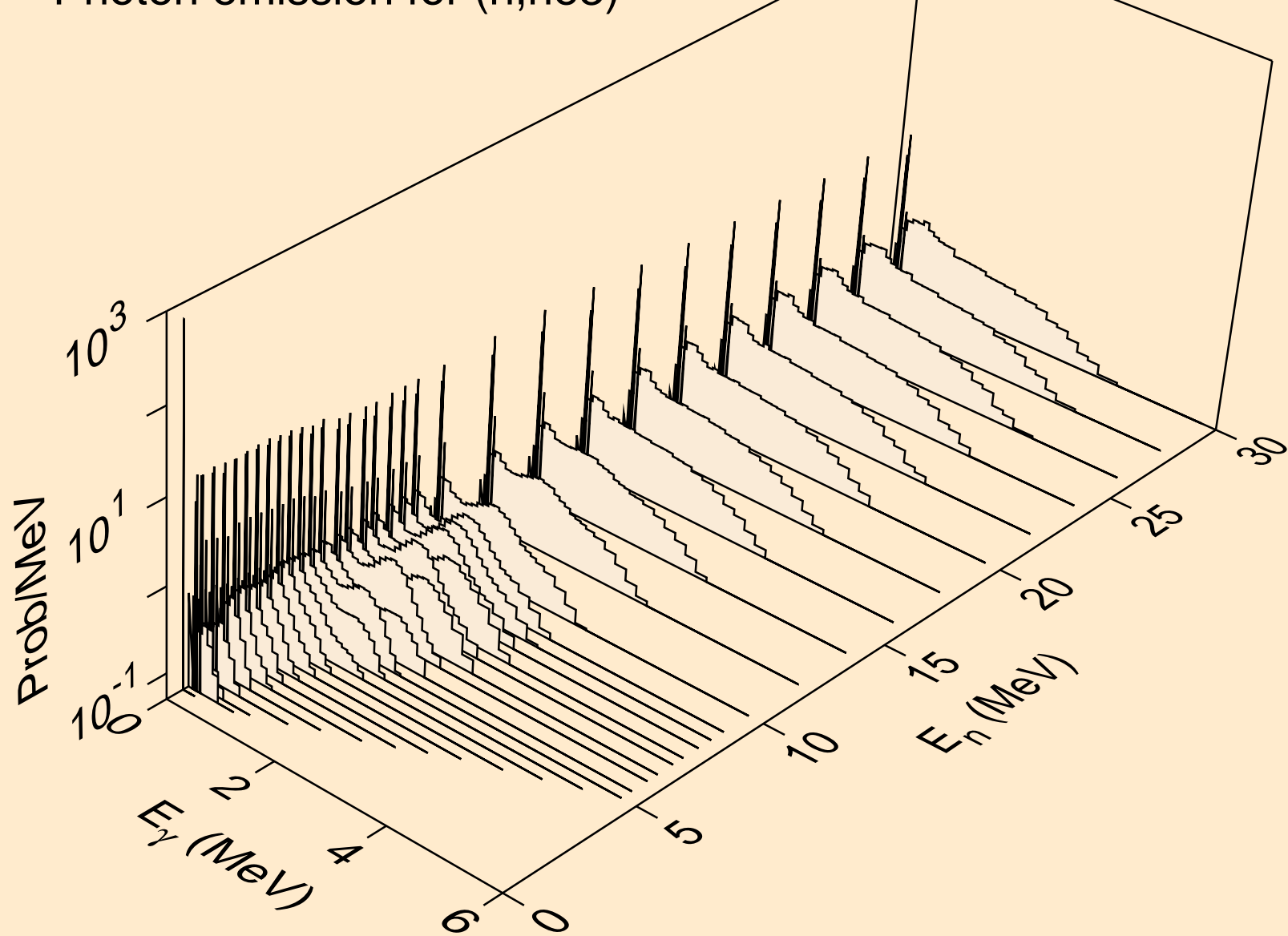
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Photon emission for (n,d)



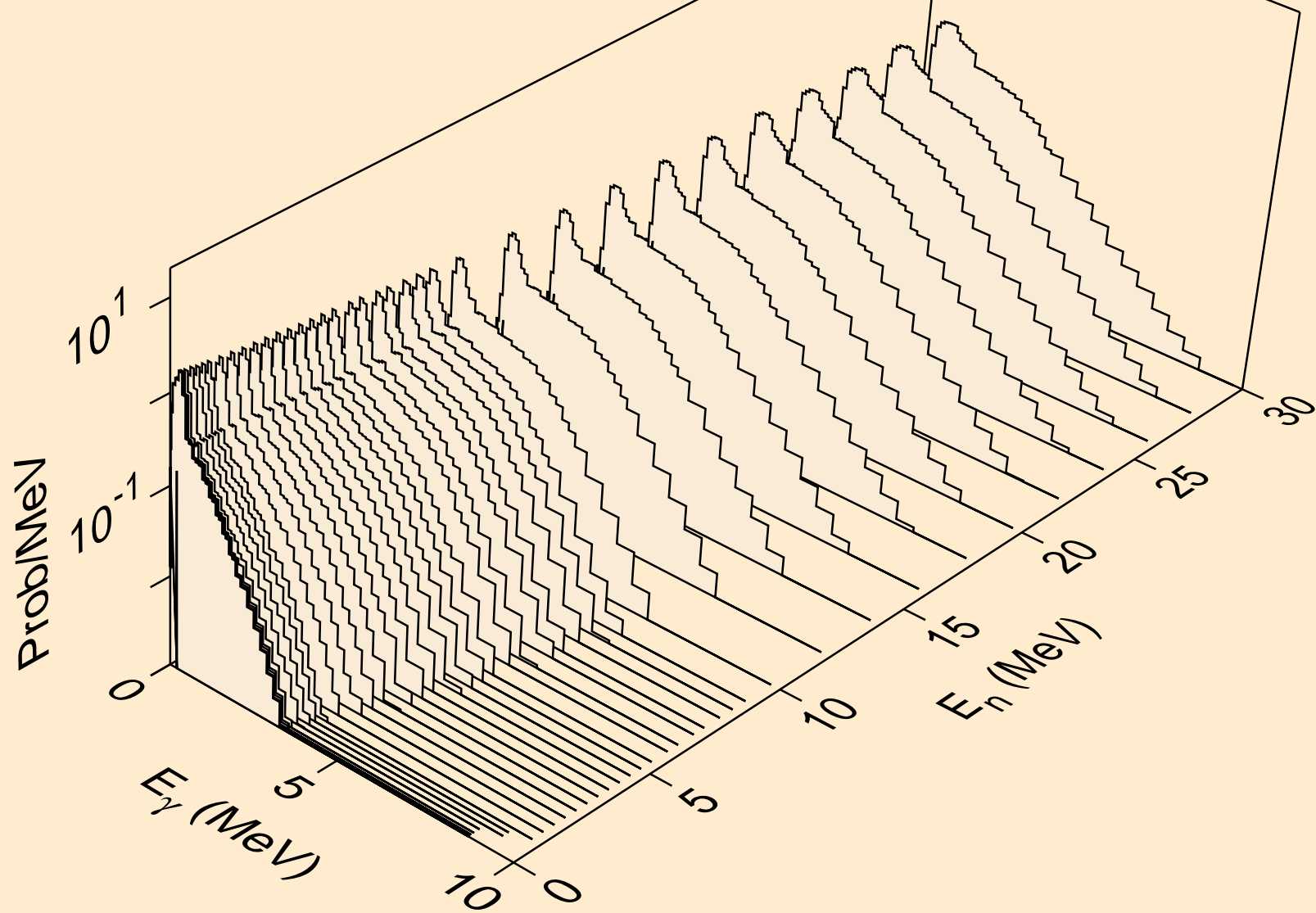
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Photon emission for (n,t)



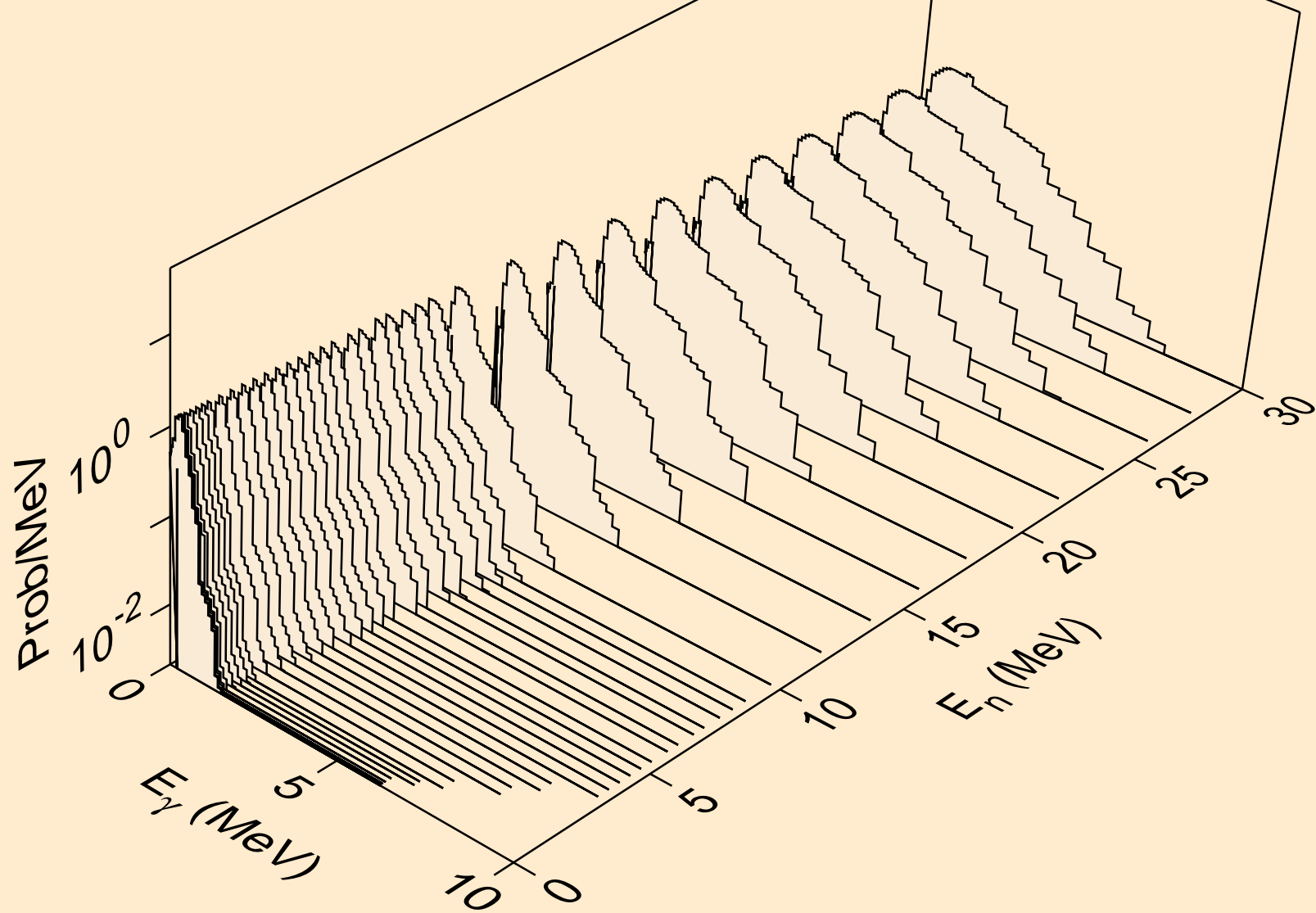
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



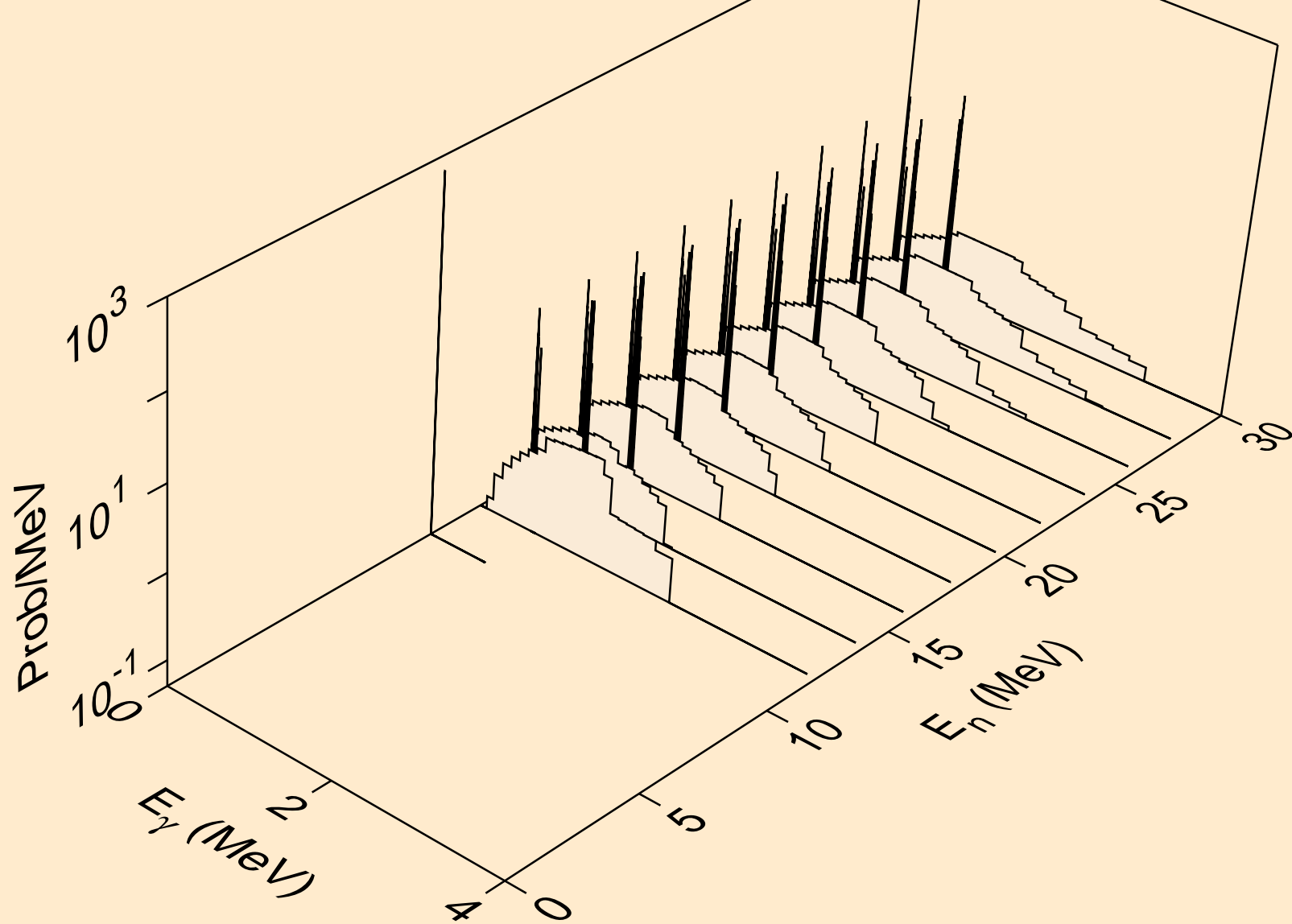
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Photon emission for (n,a)



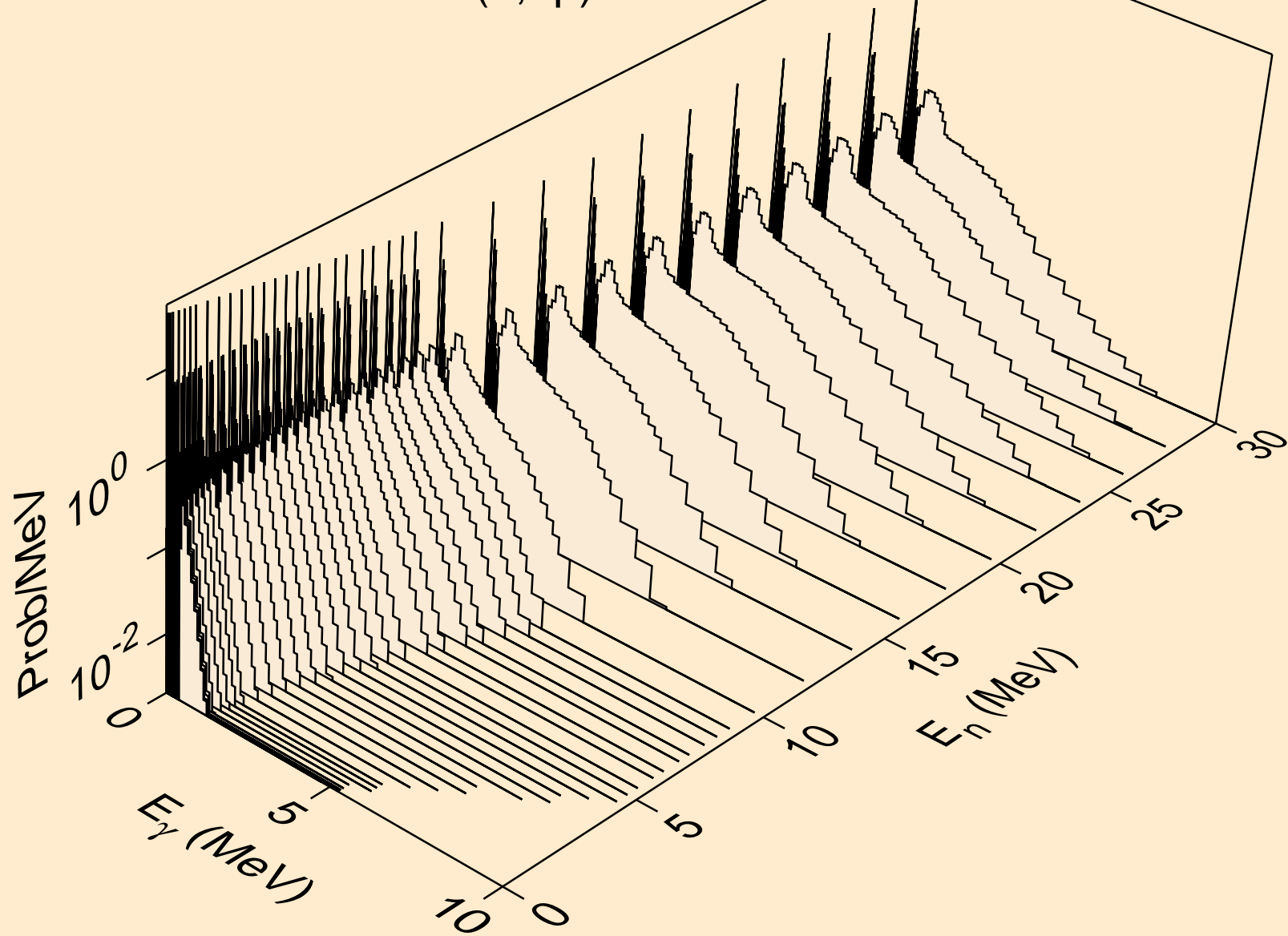
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Photon emission for (n,2a)



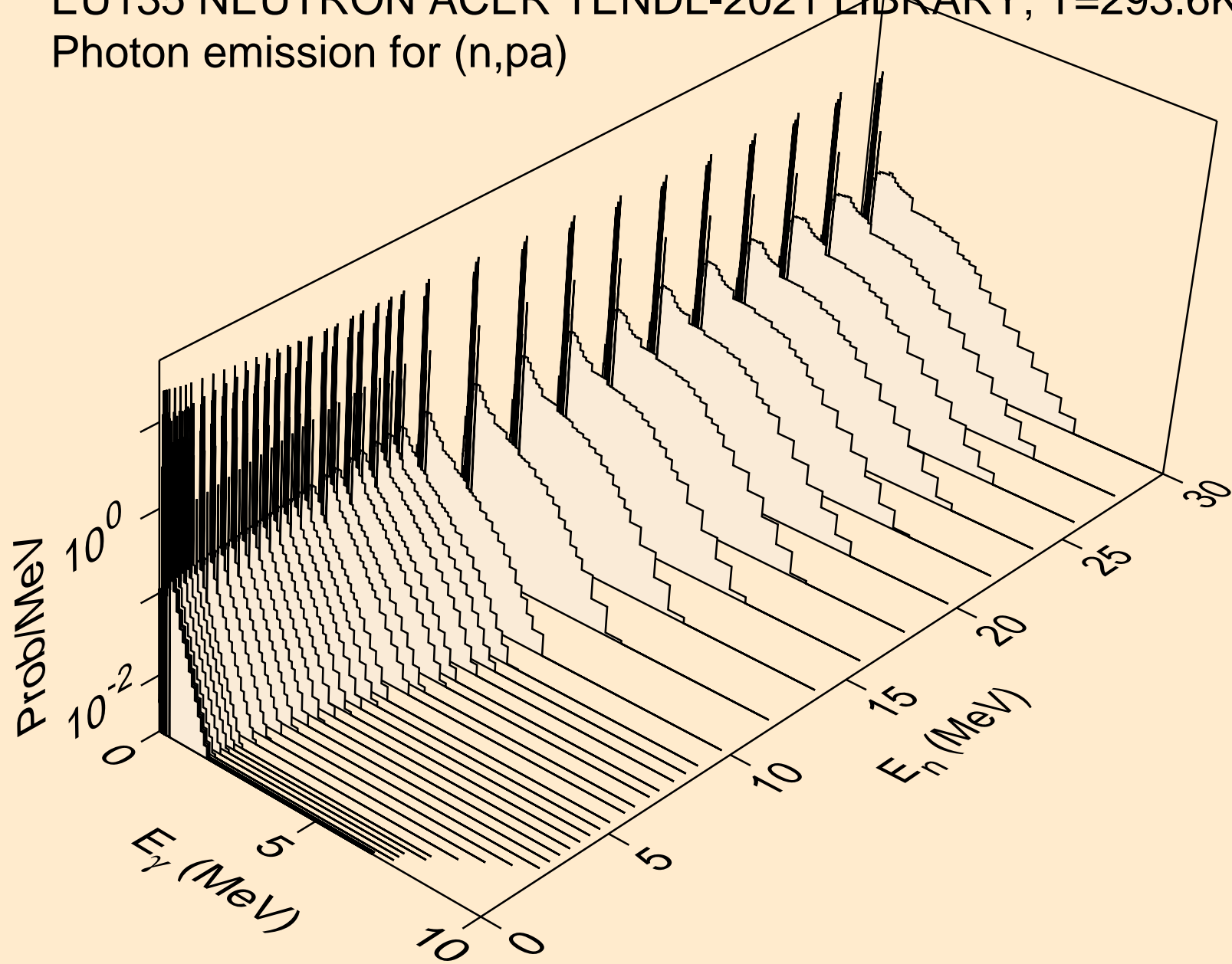
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

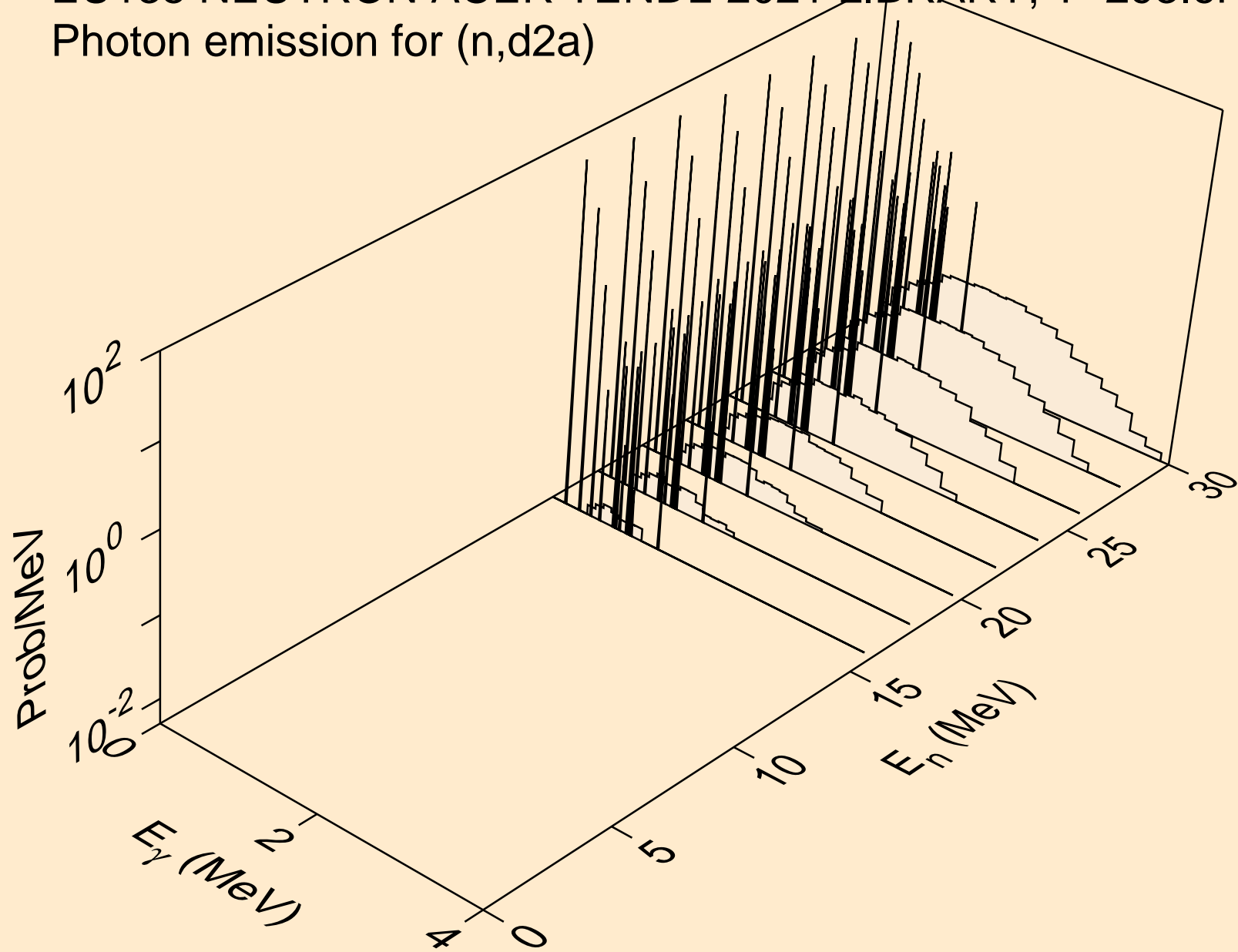


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

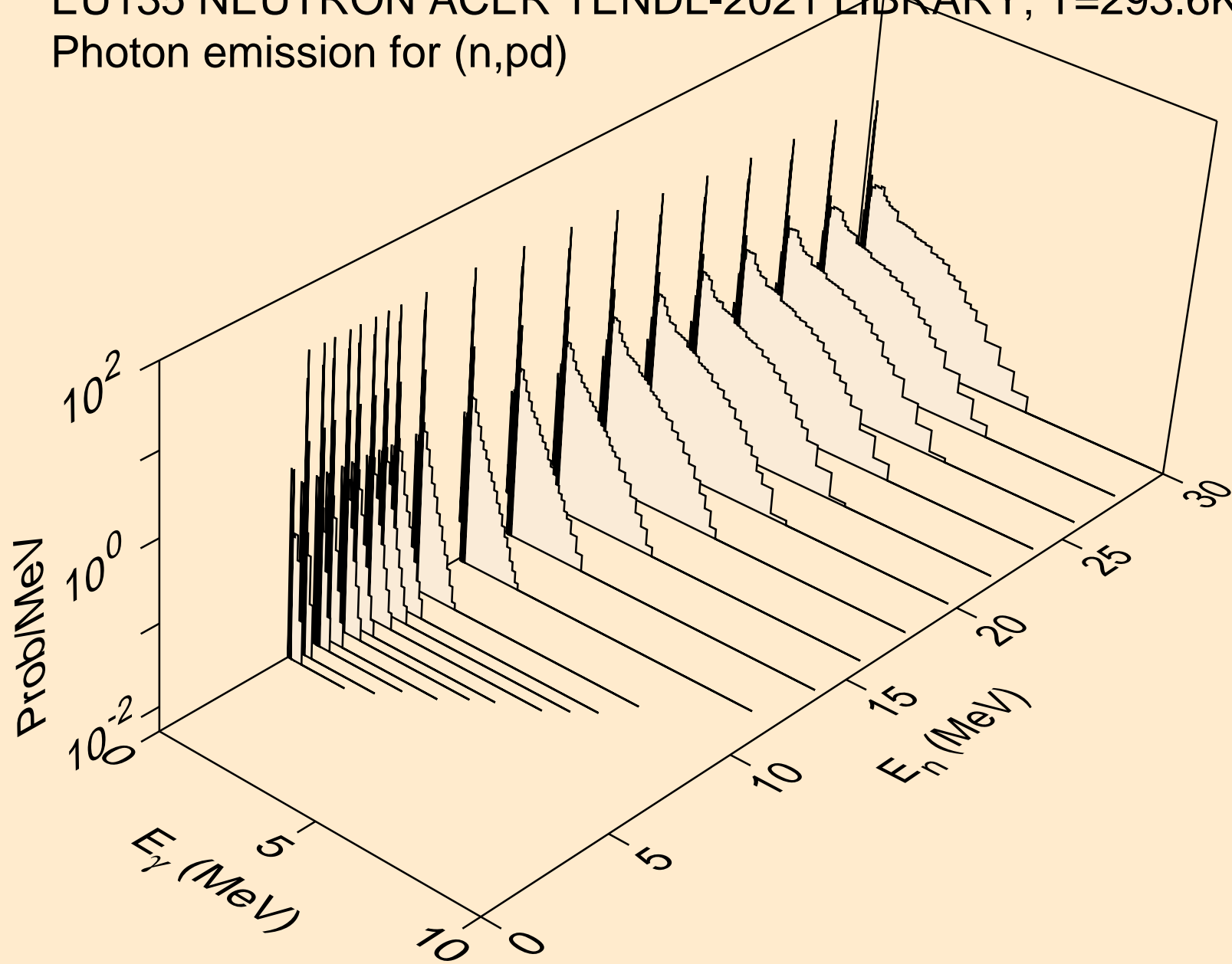




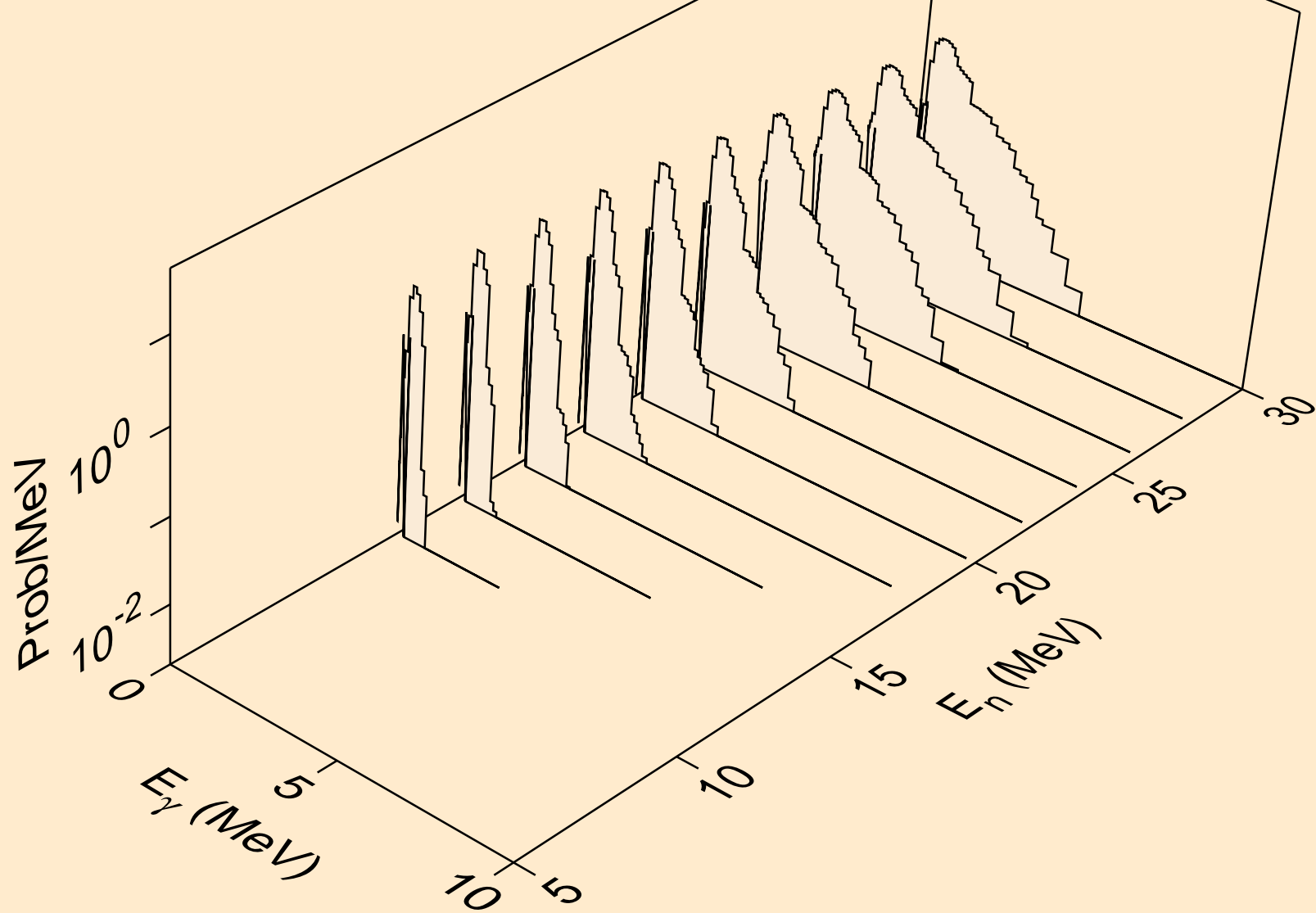
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Photon emission for (n,d2a)



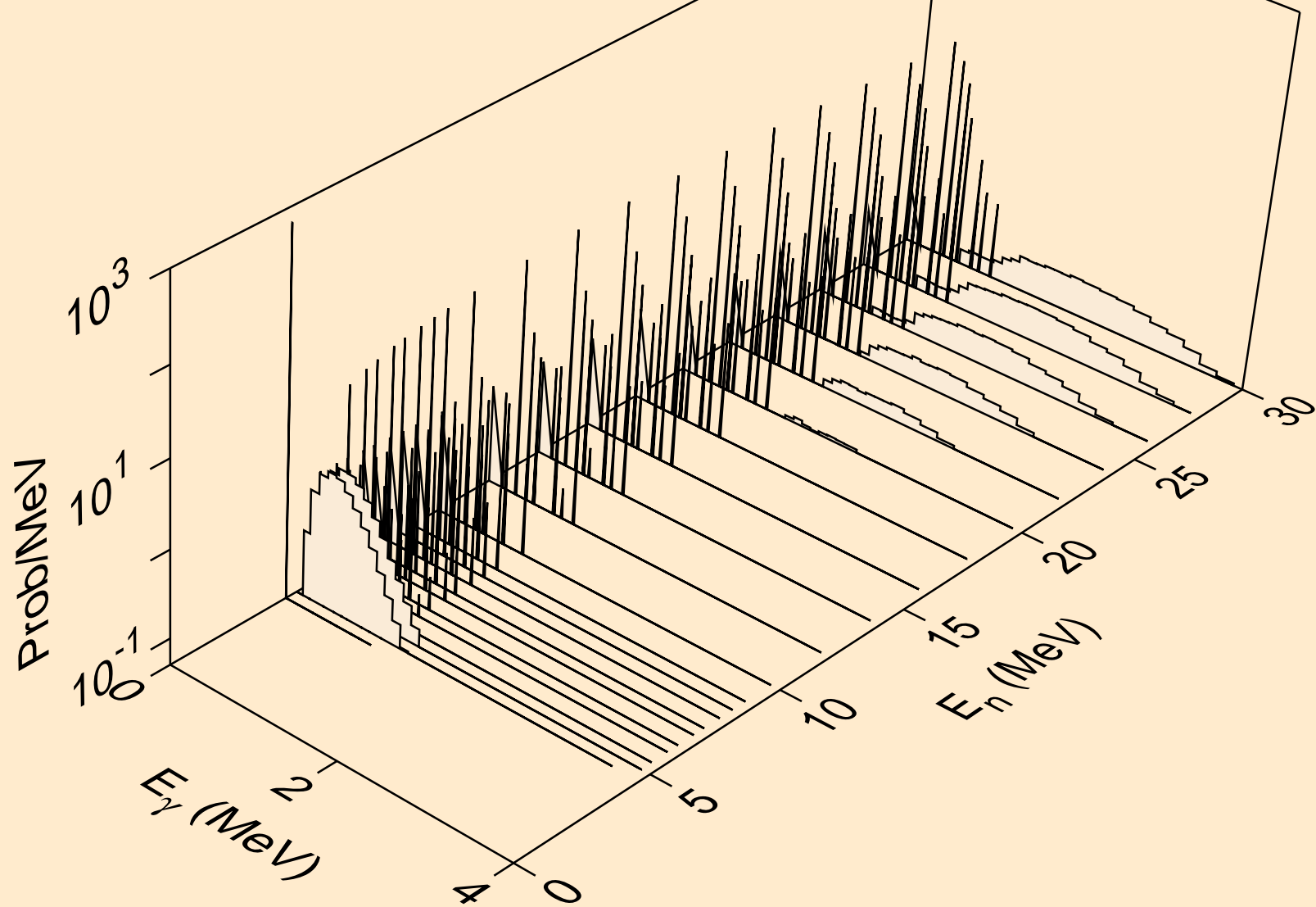
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



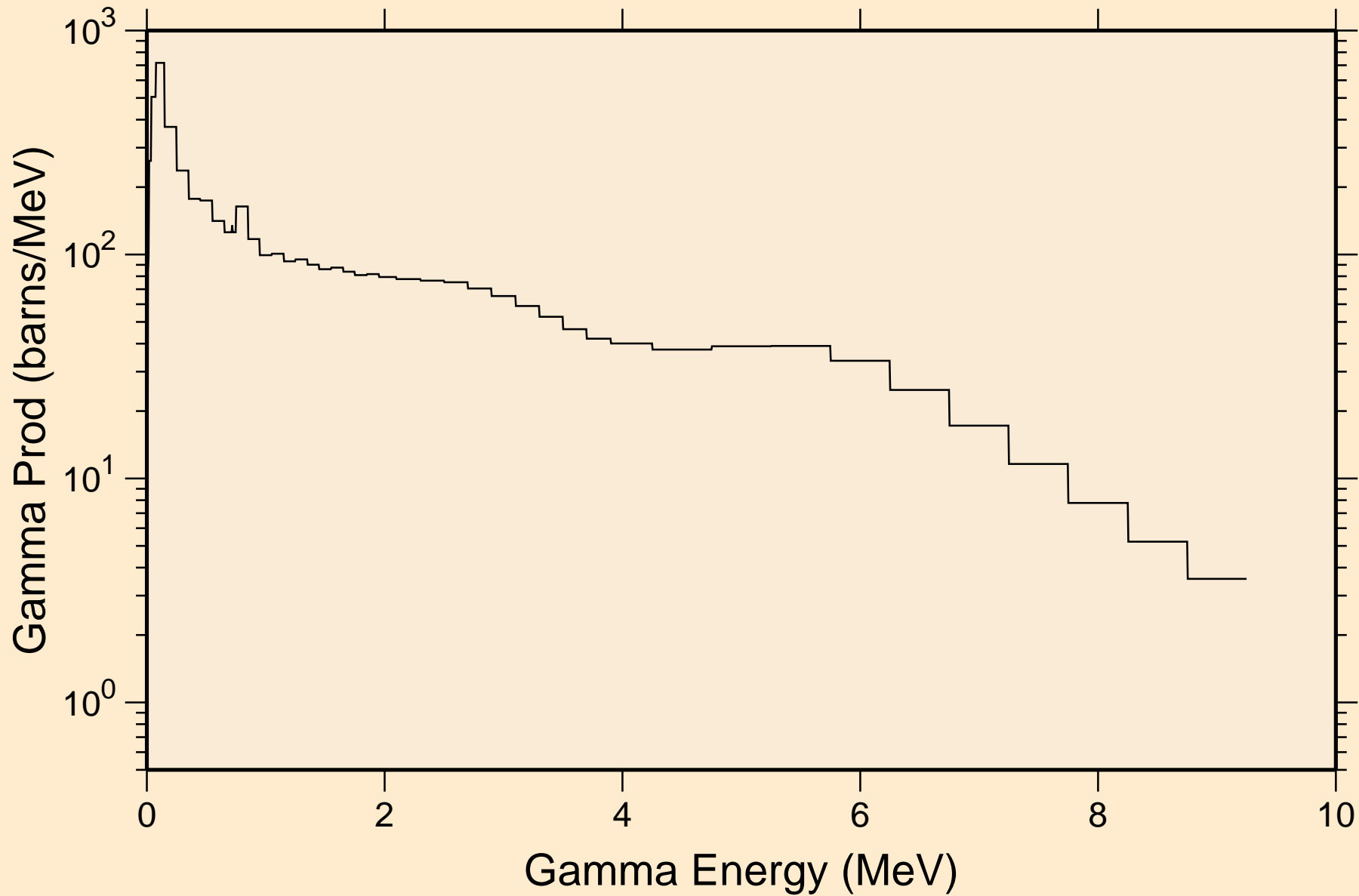
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Photon emission for (n,pt)



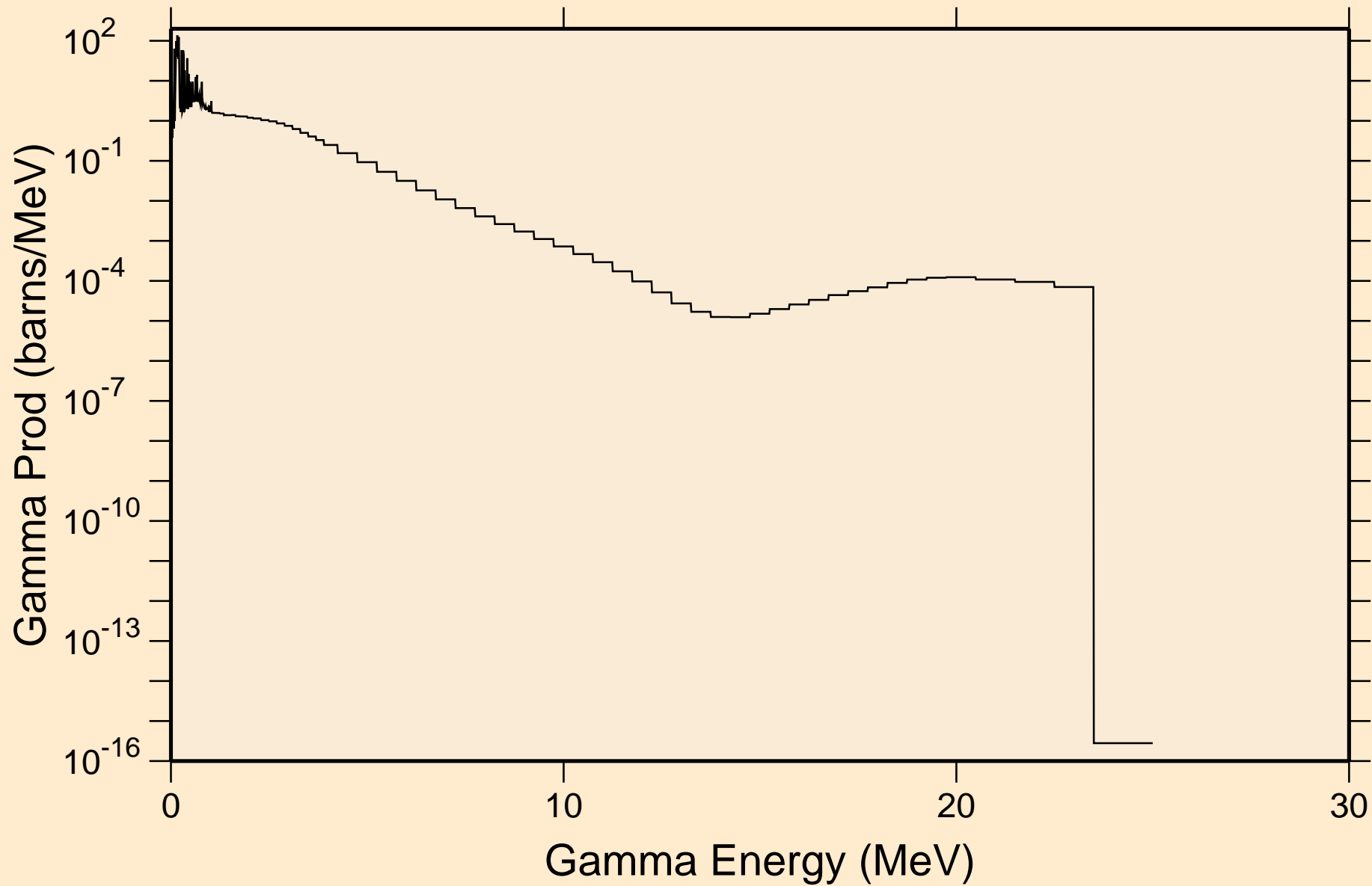
EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

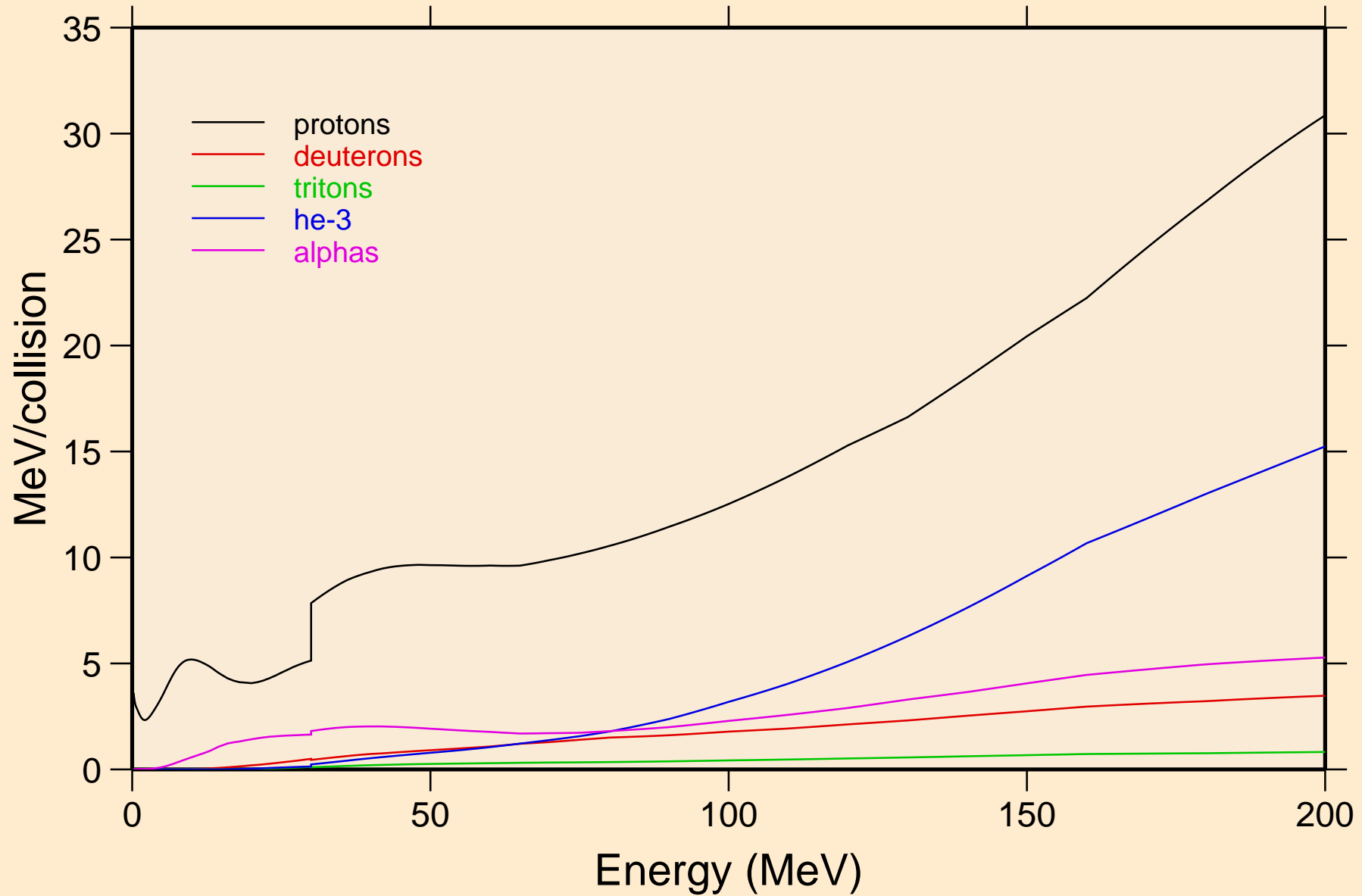


EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

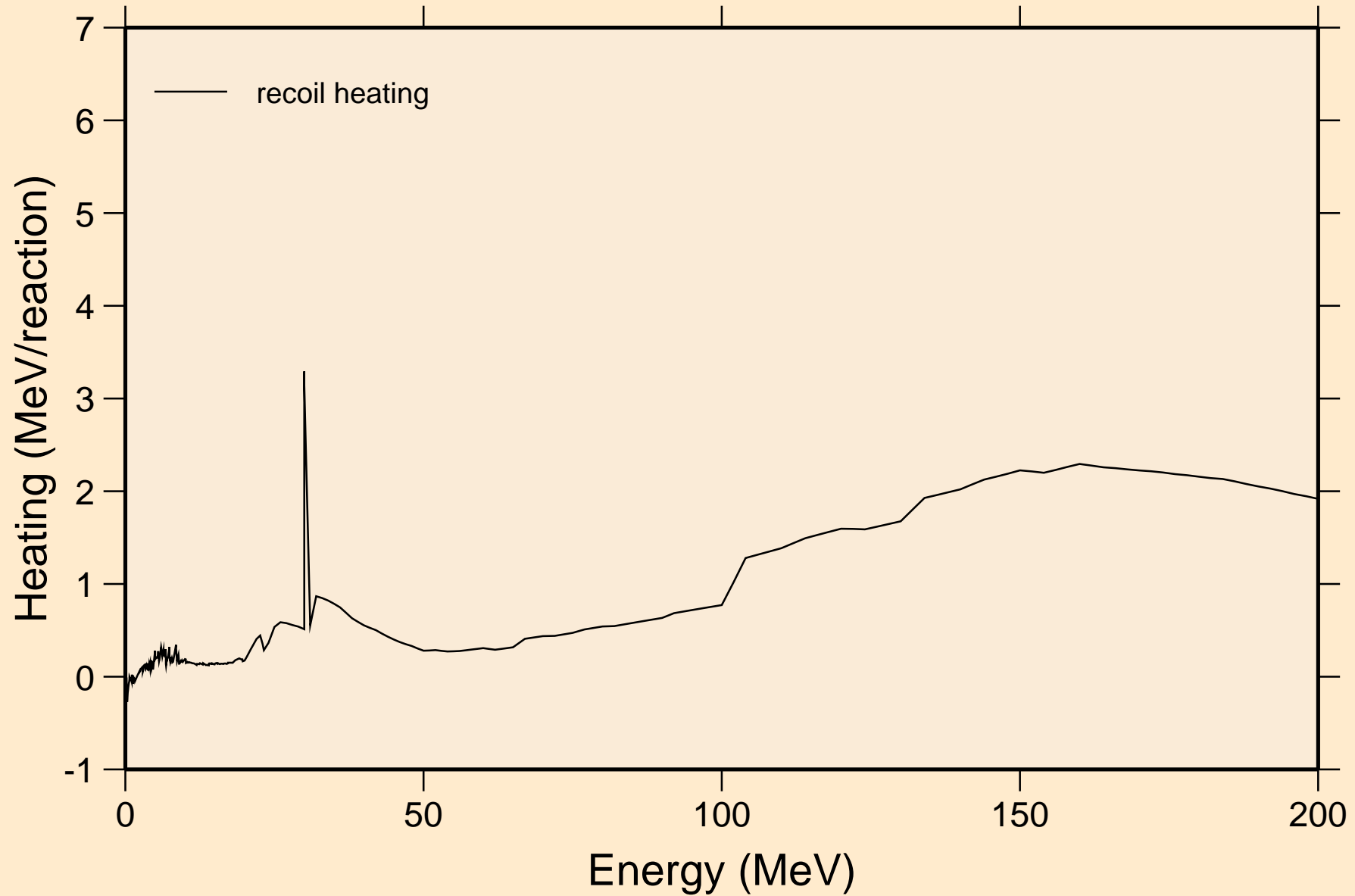


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## Particle heating contributions



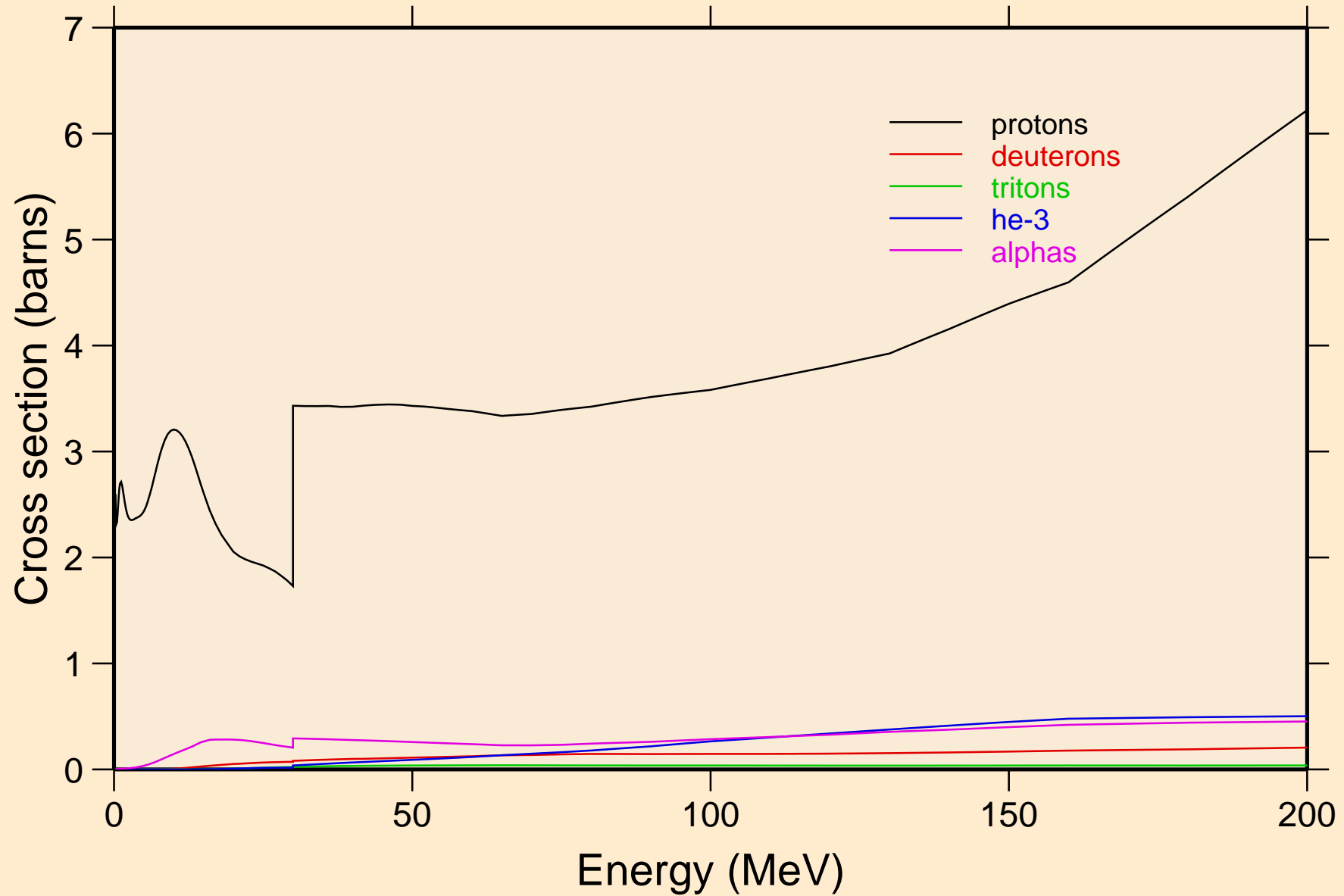
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Recoil Heating



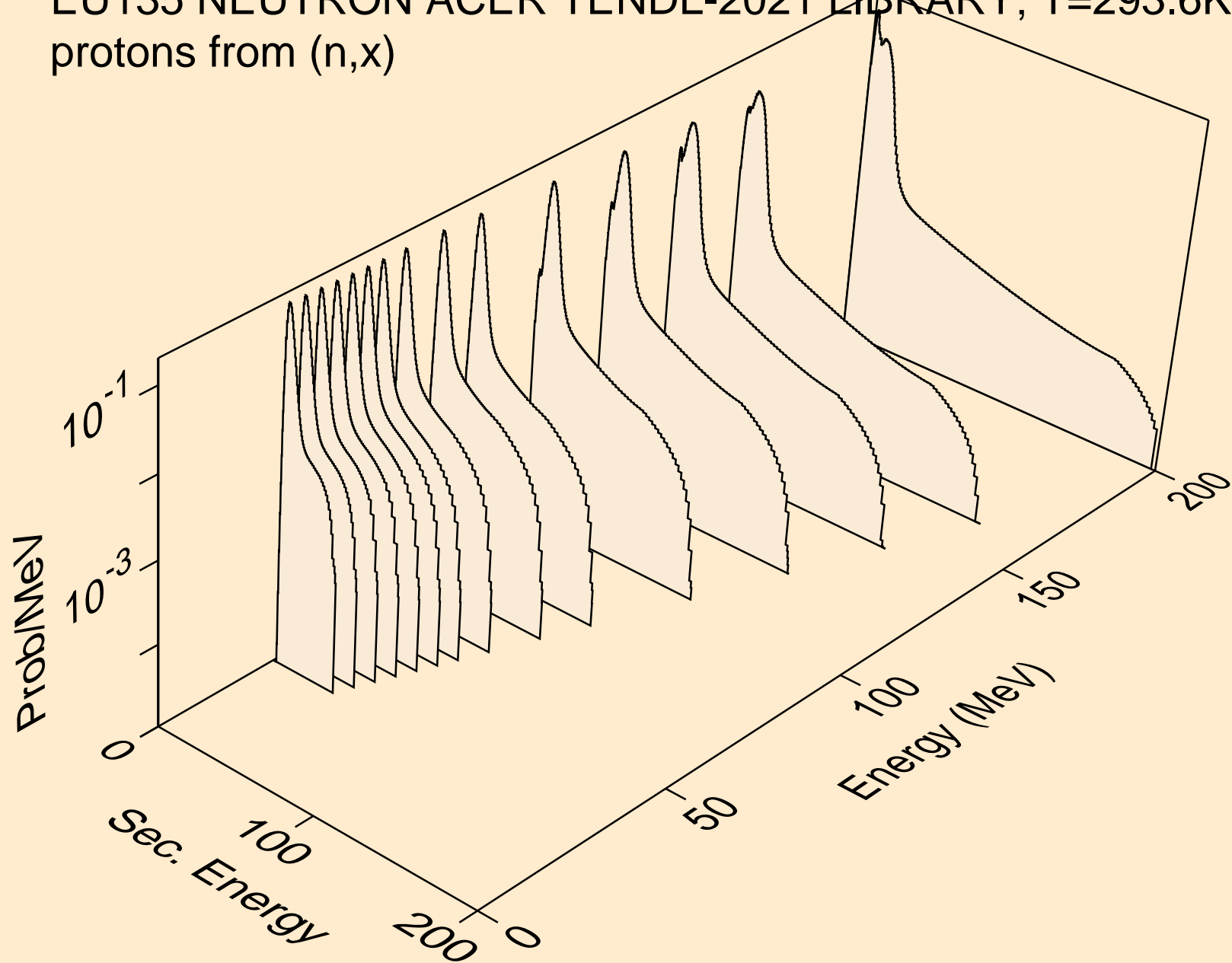


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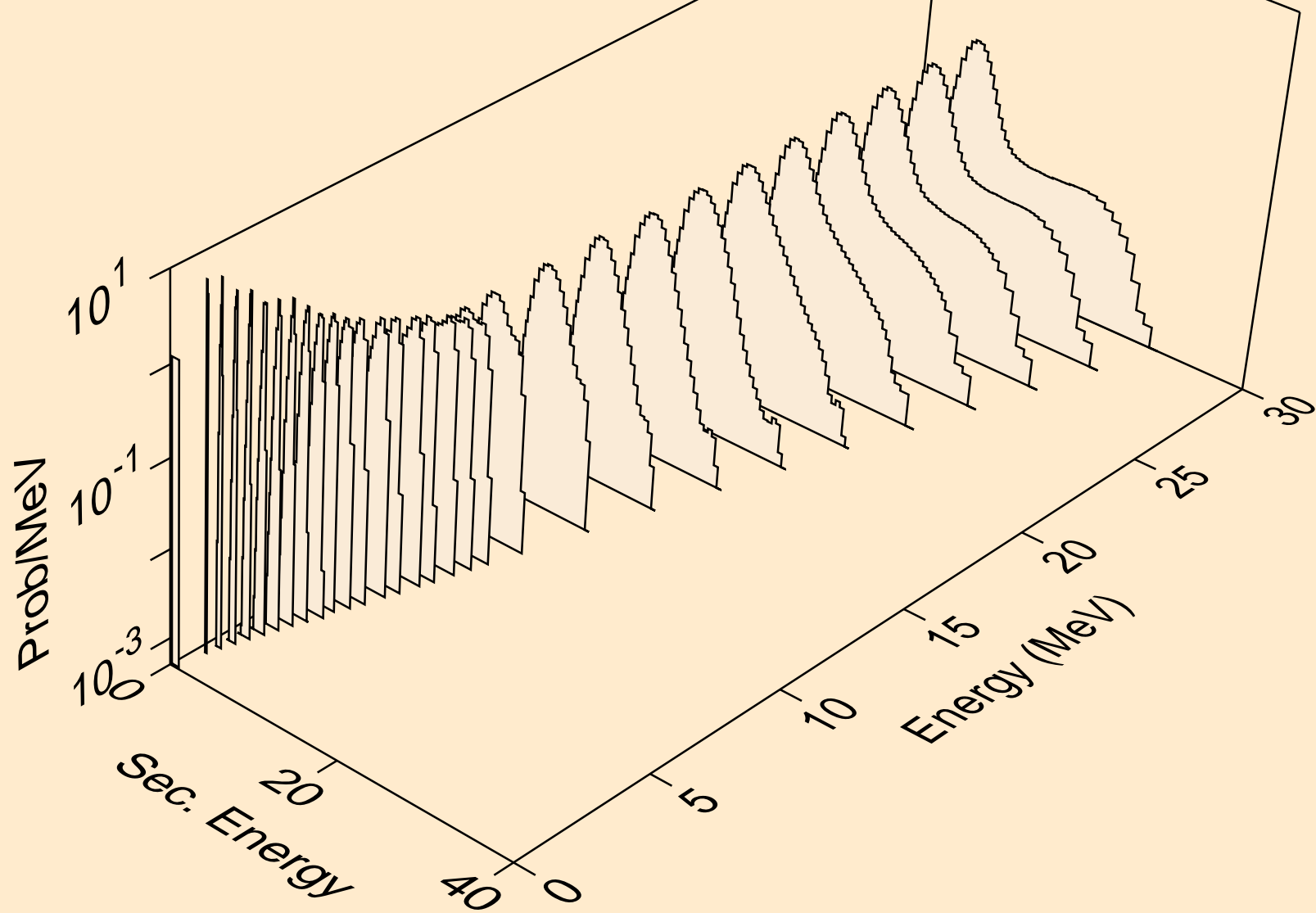
## Particle production cross sections



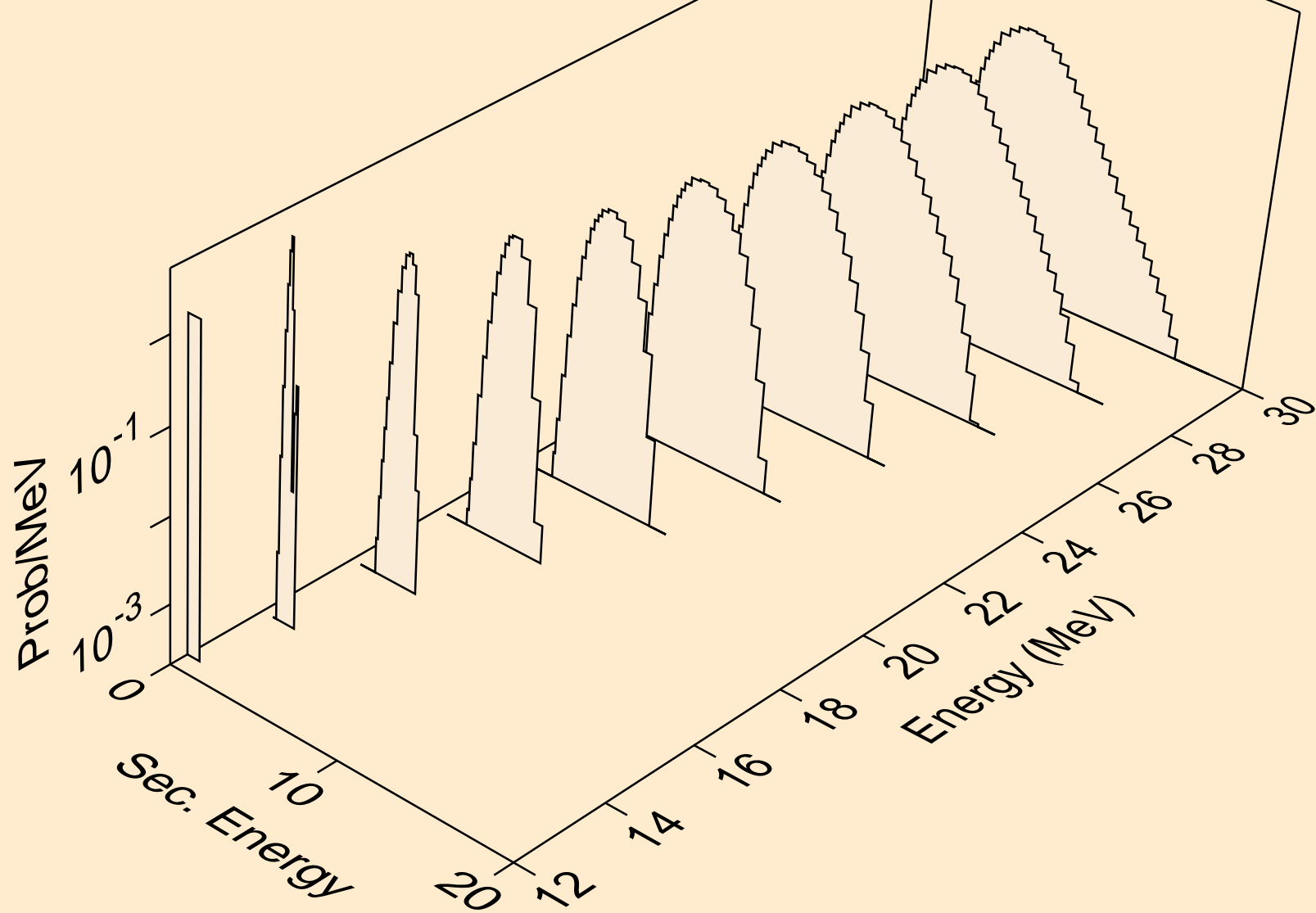
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protons from (n,x)



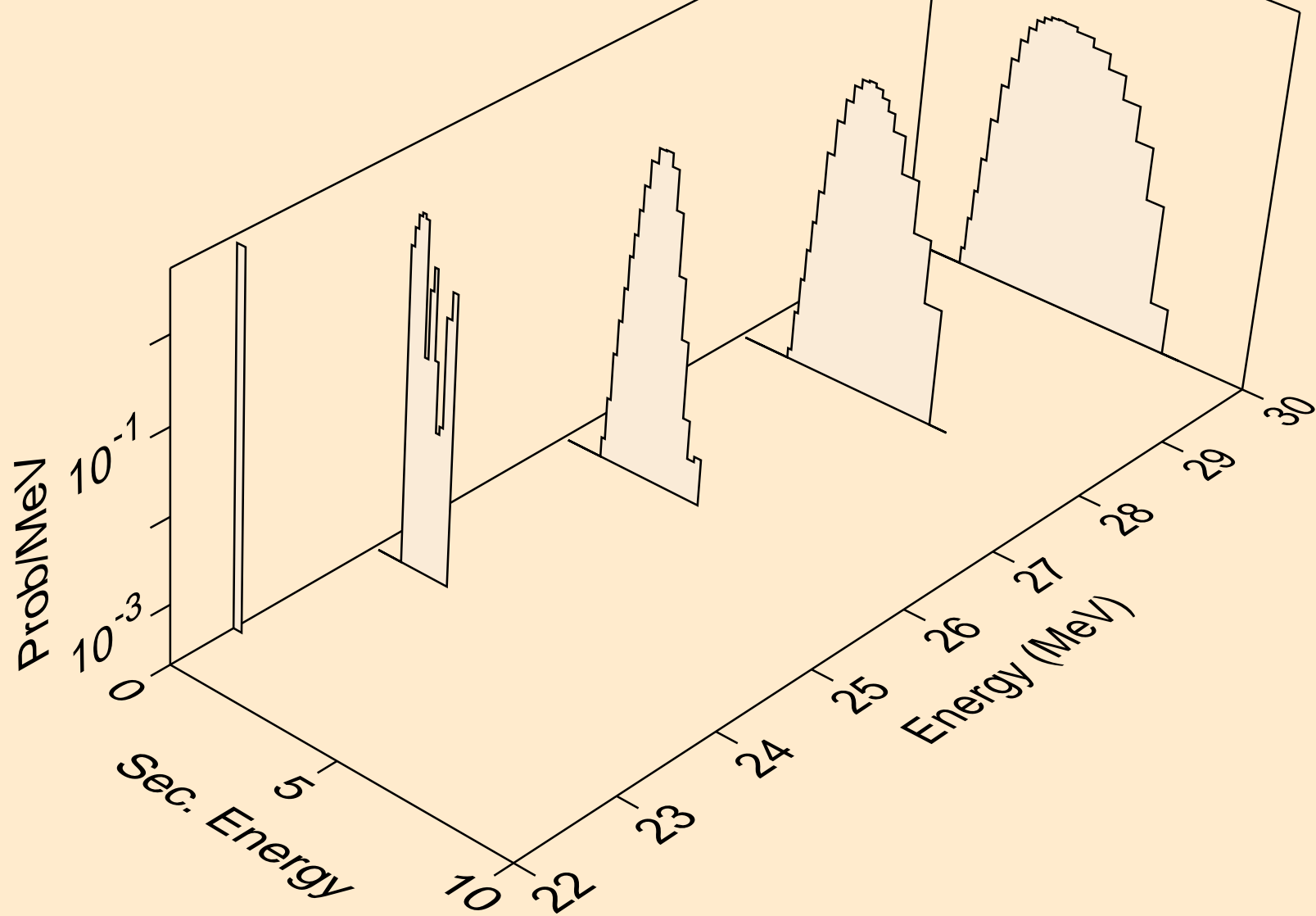
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protons from (n,n\*)p



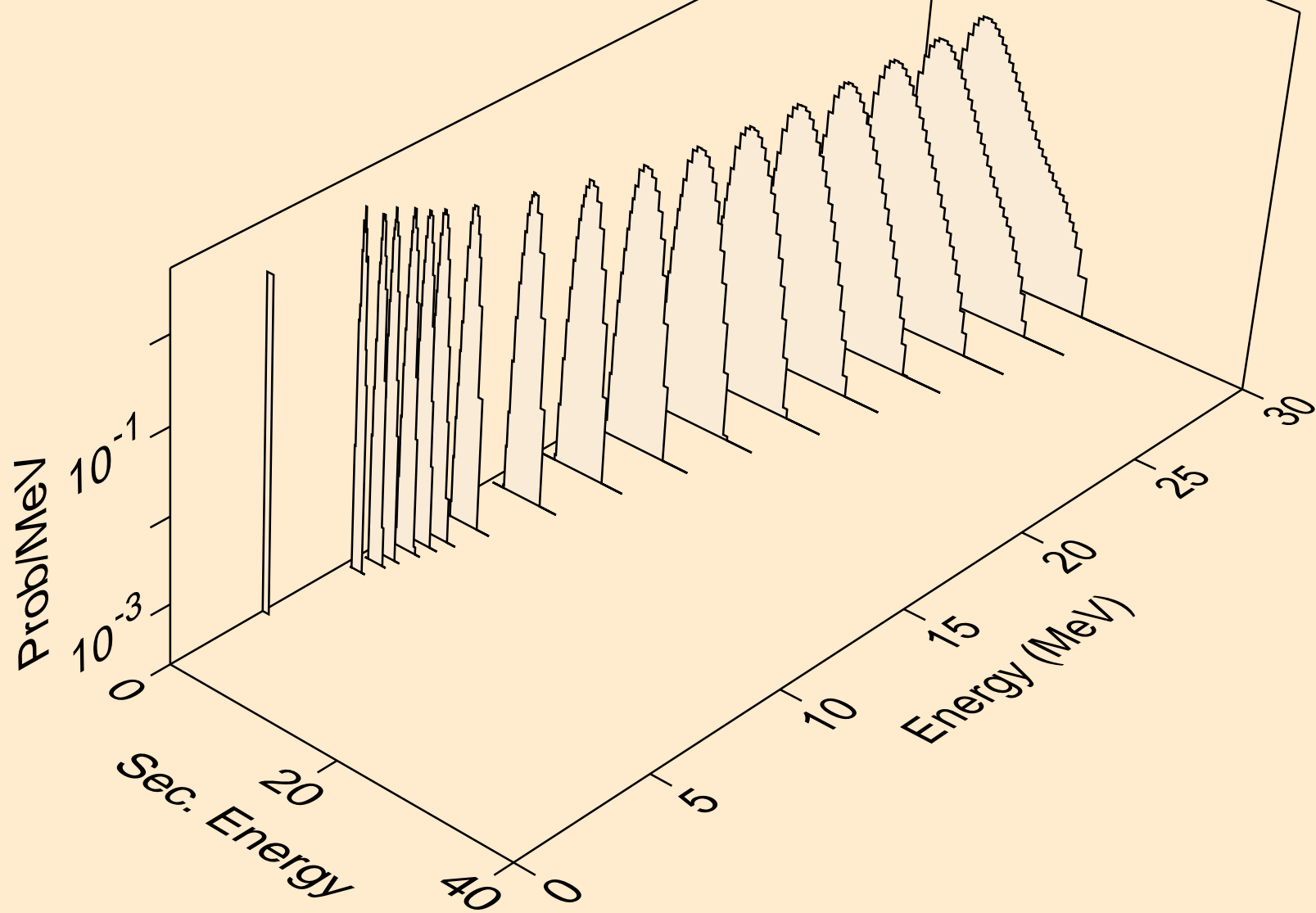
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protons from (n,2np)



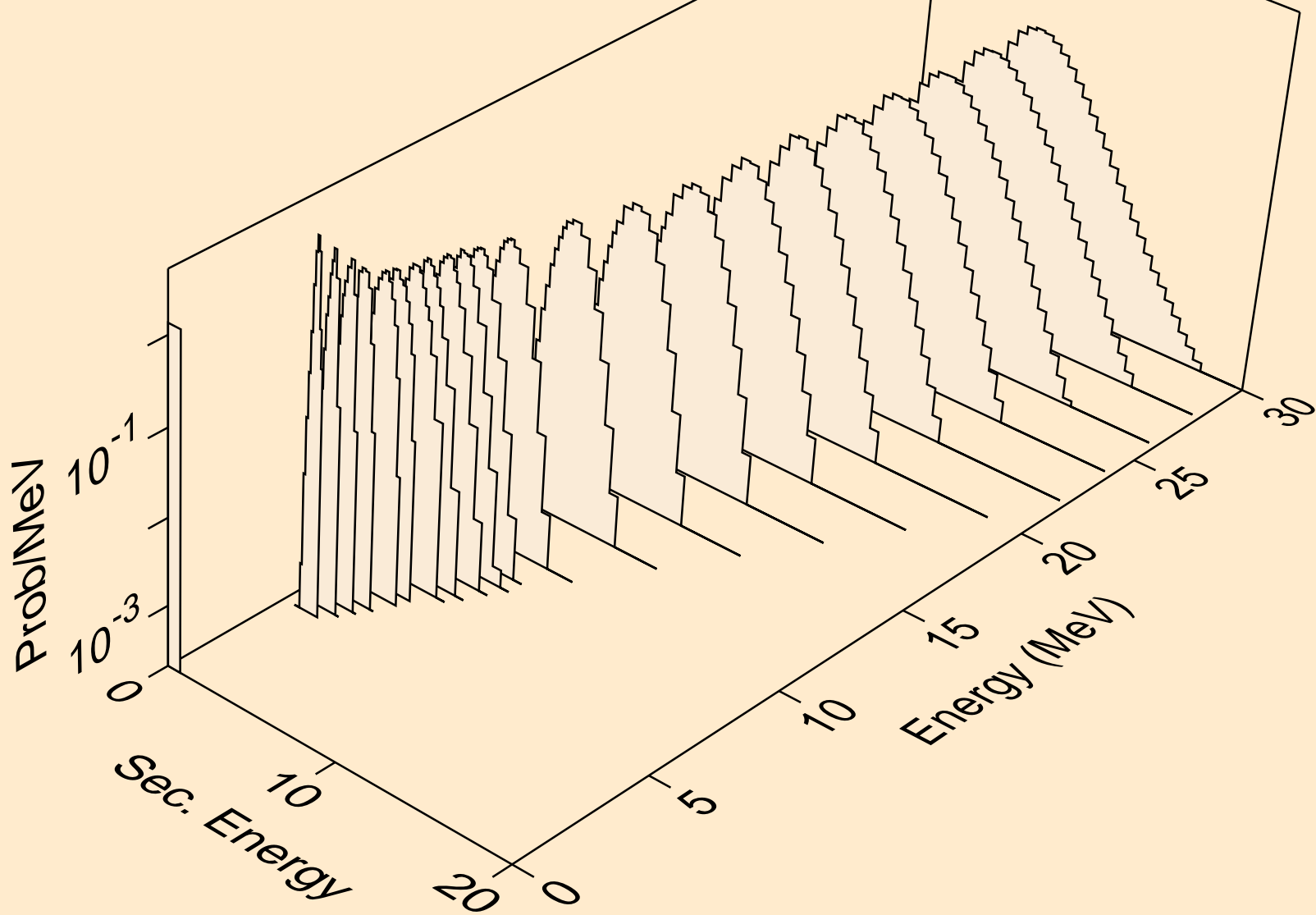
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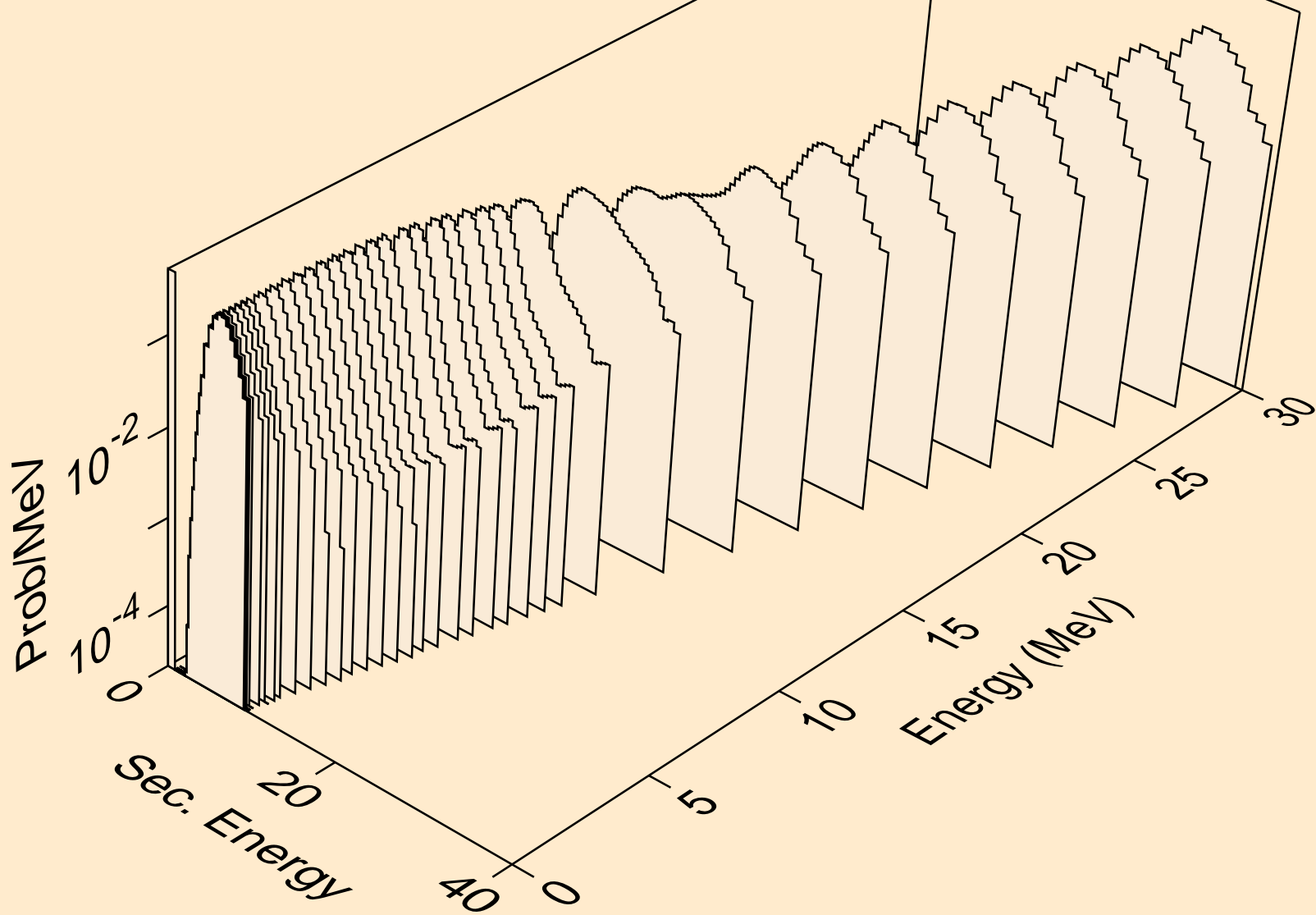
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EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

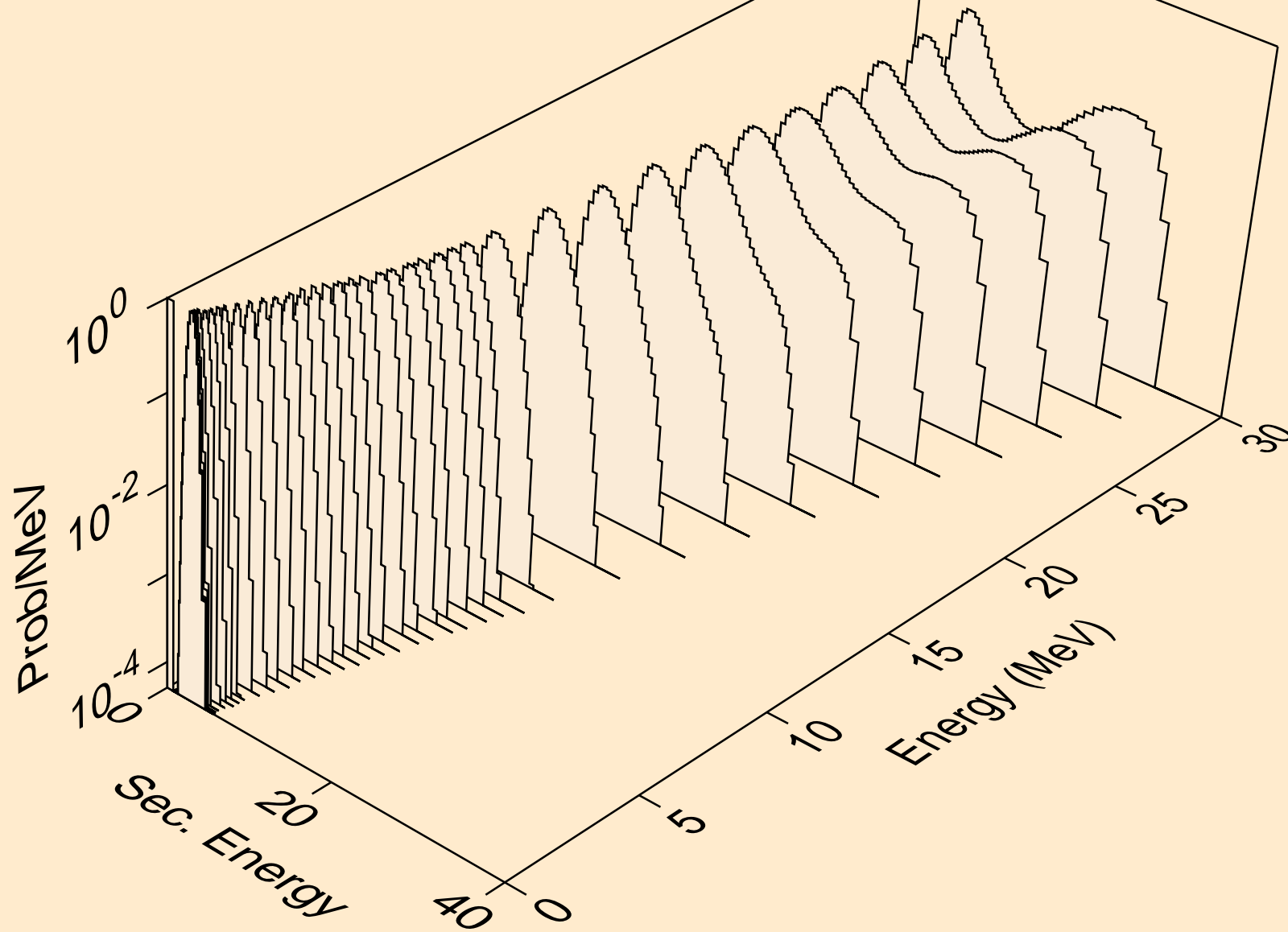


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protons from (n,p)

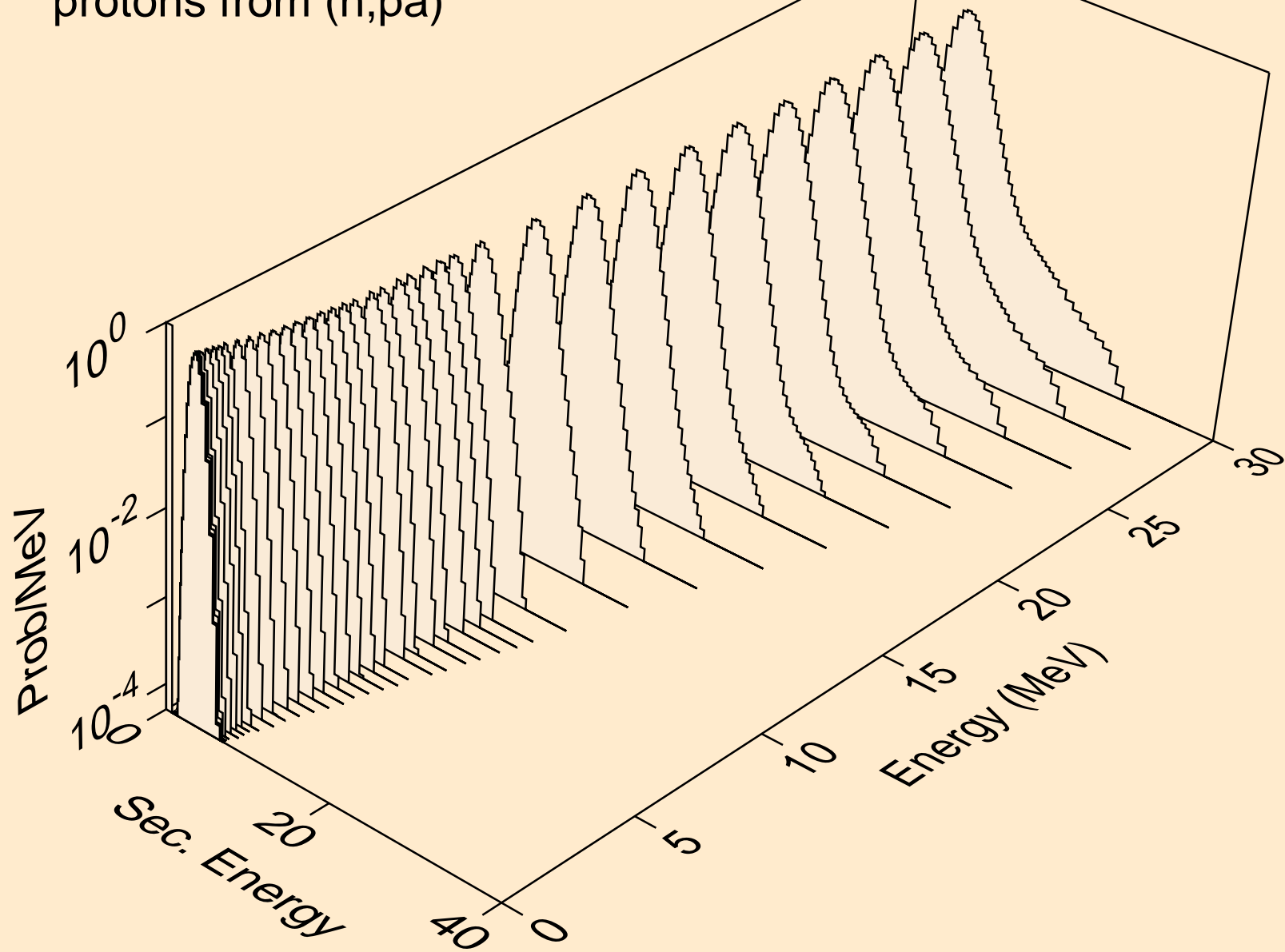




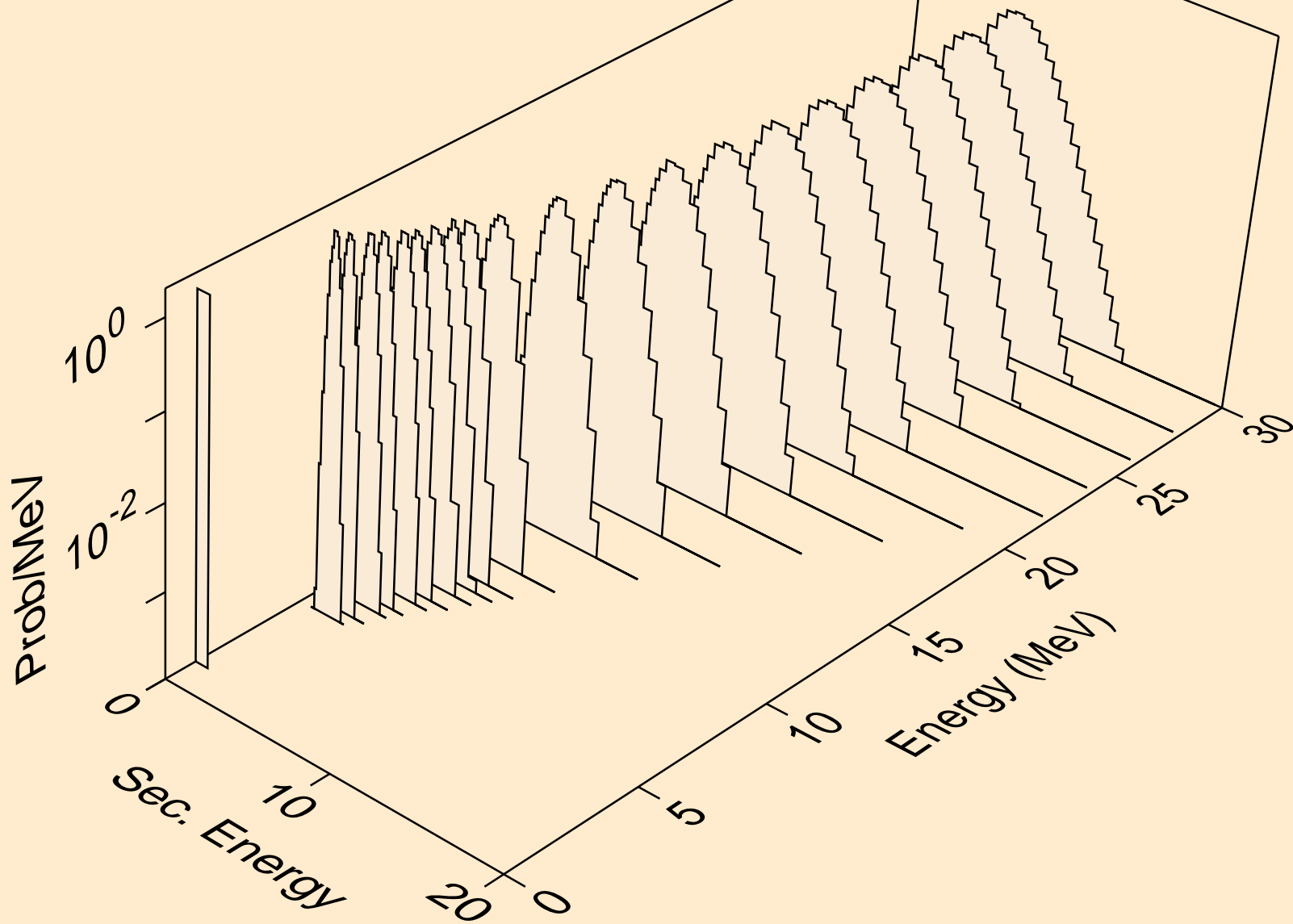
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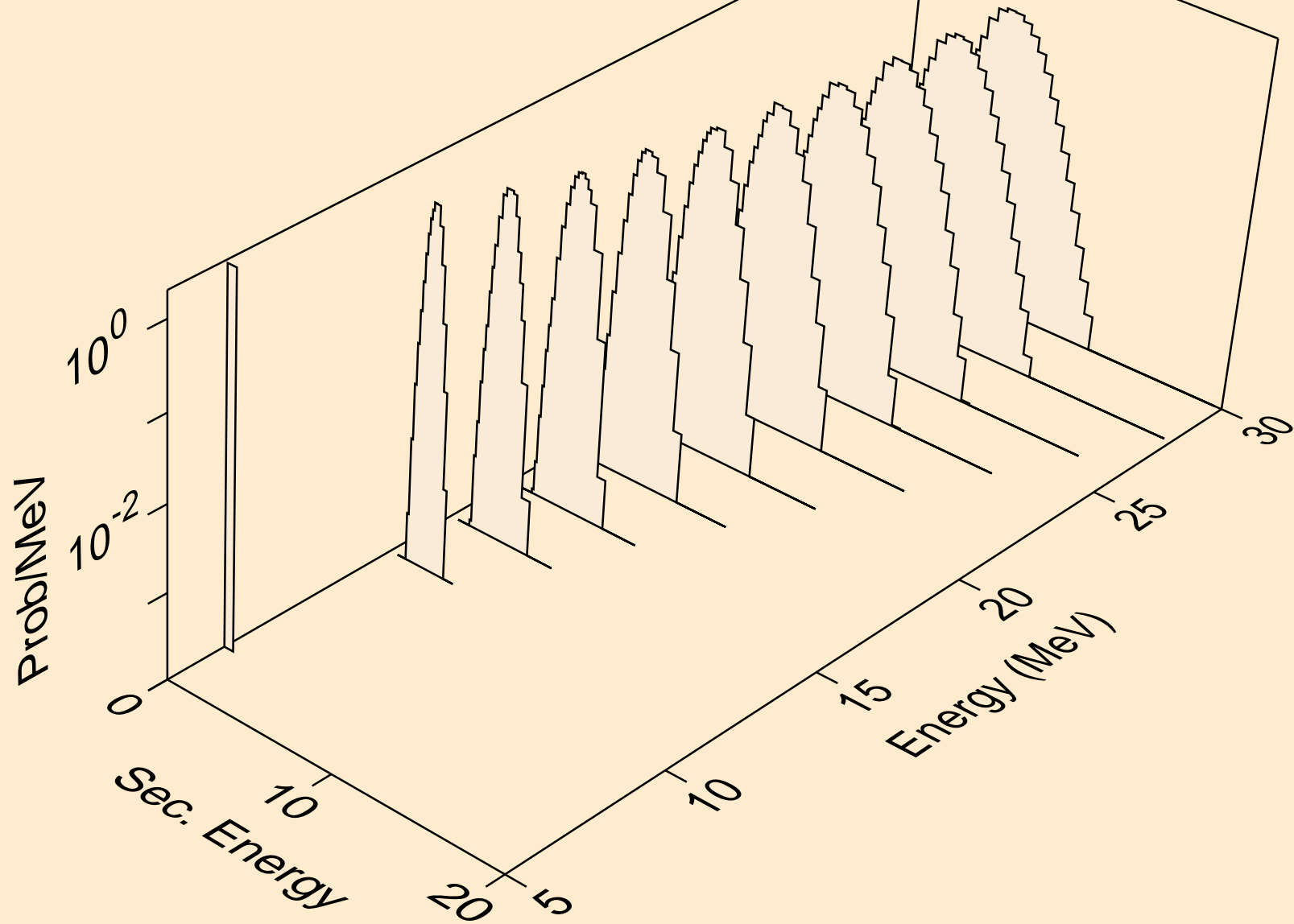
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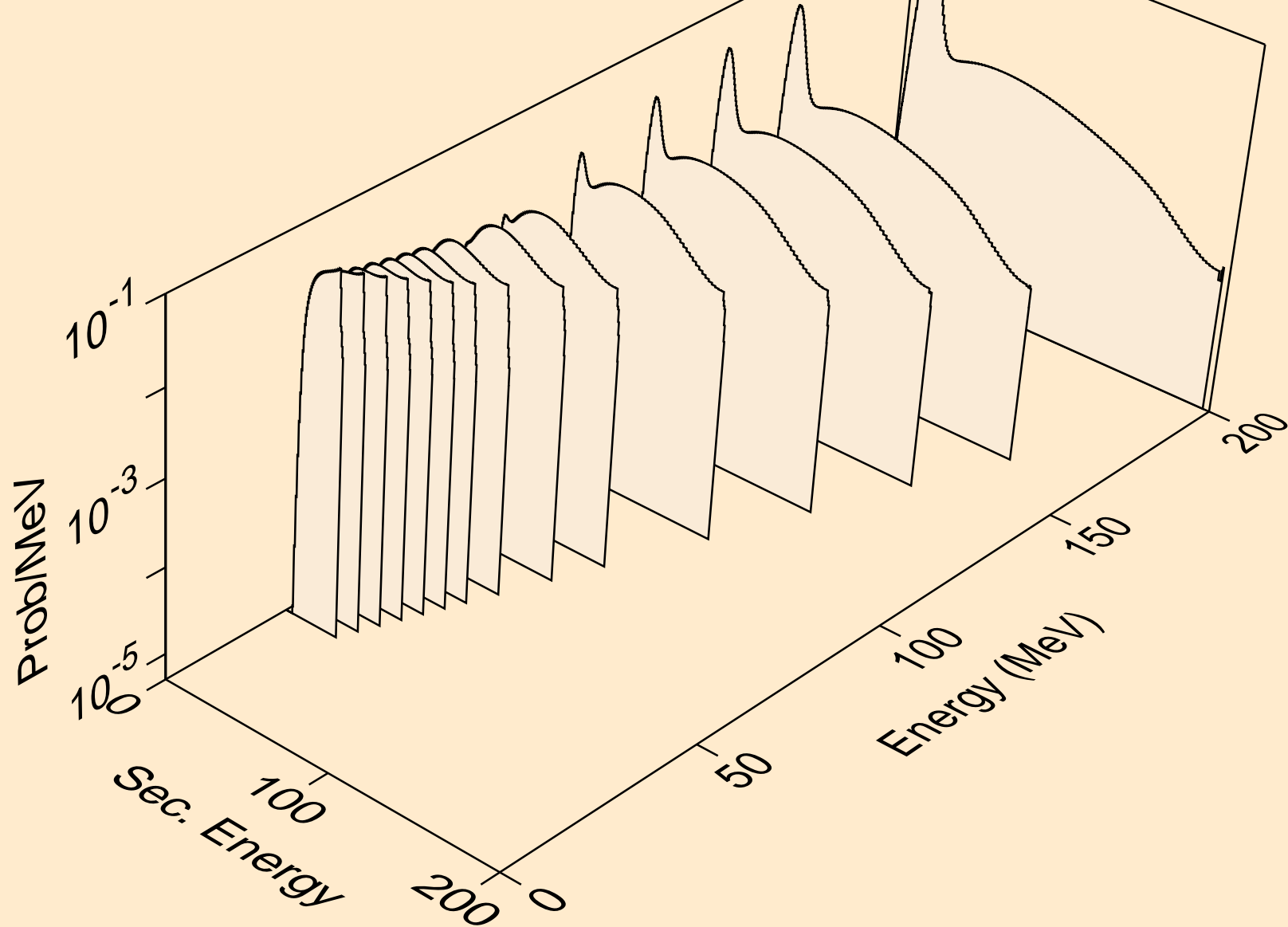
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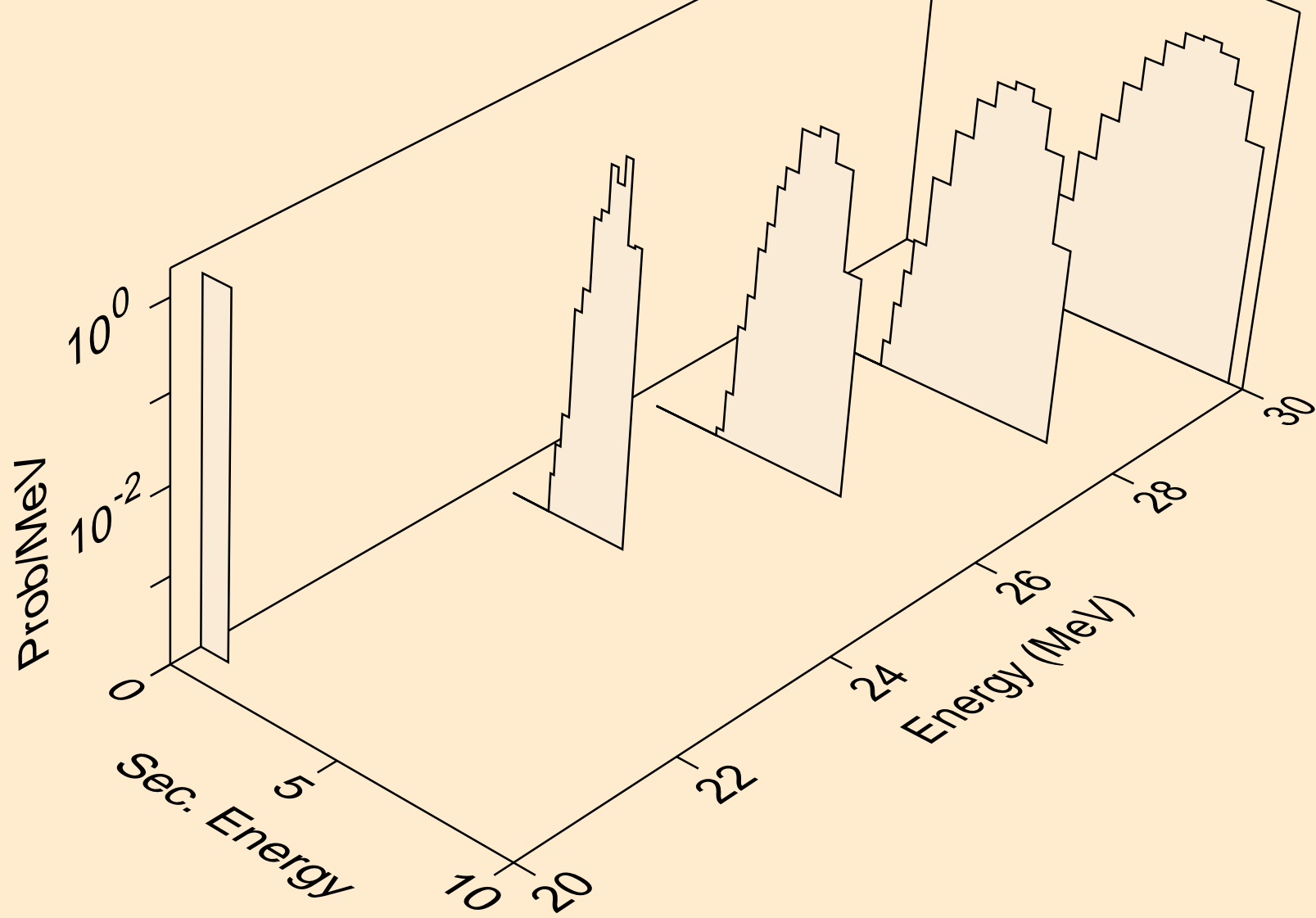
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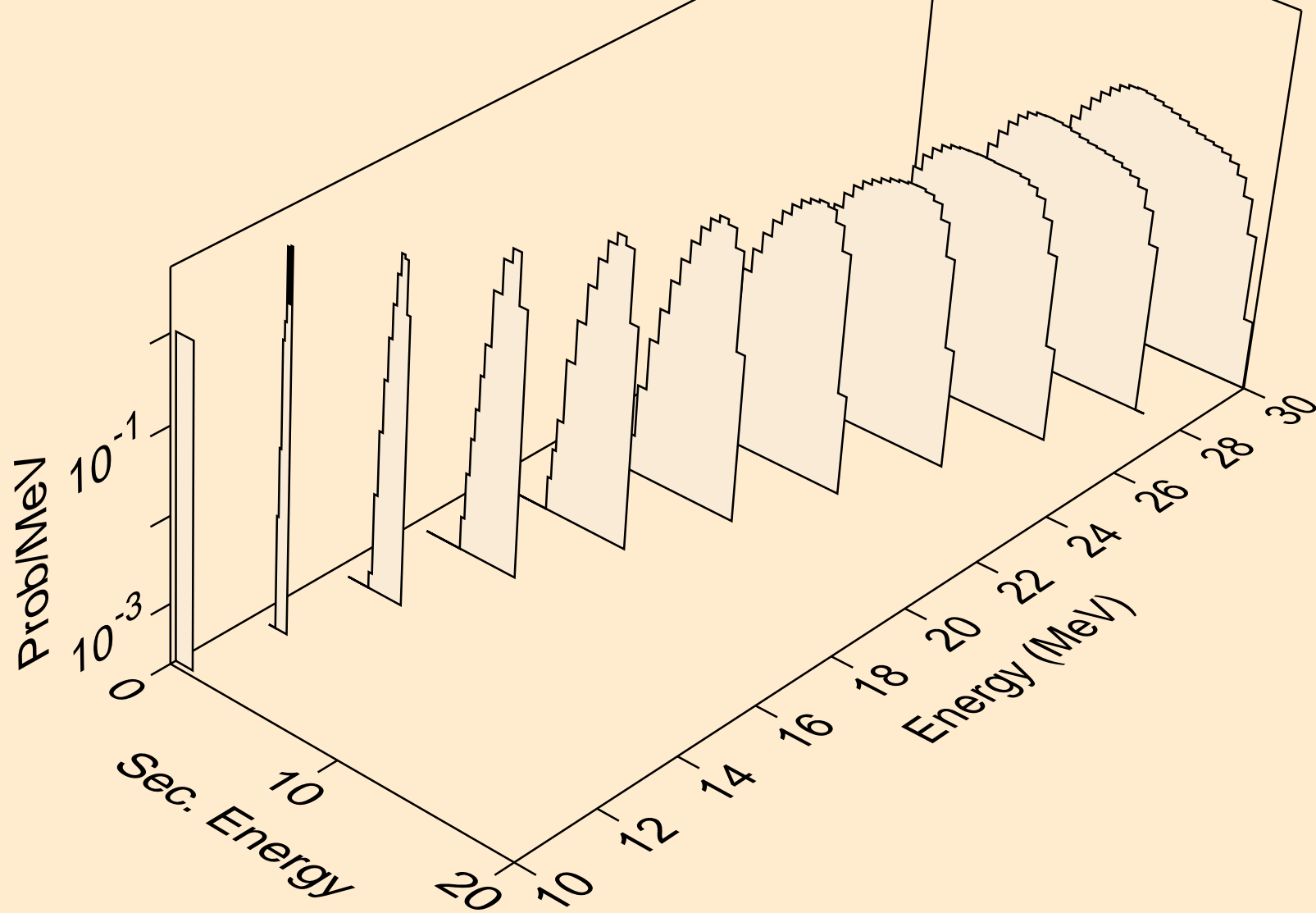
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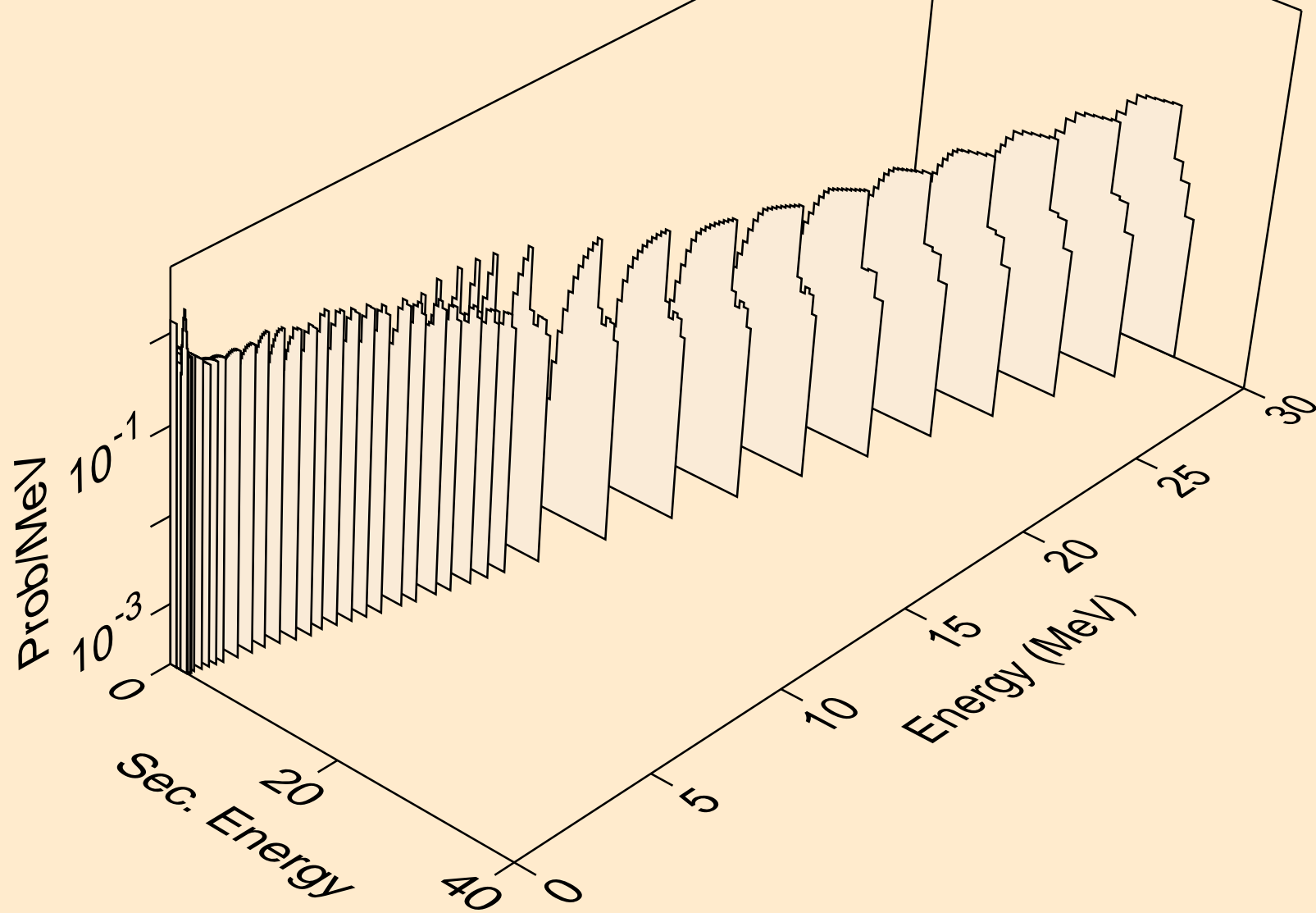
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EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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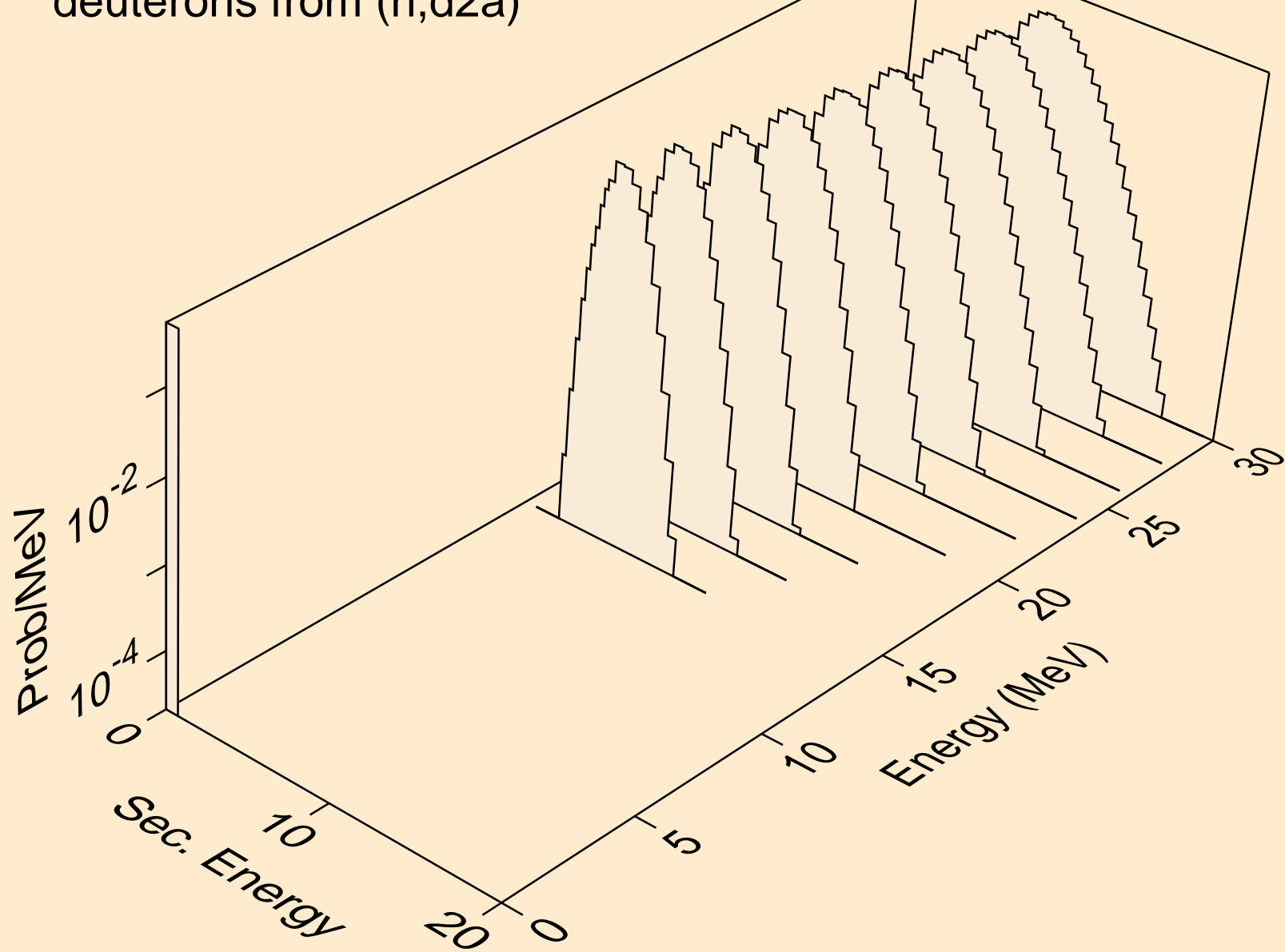


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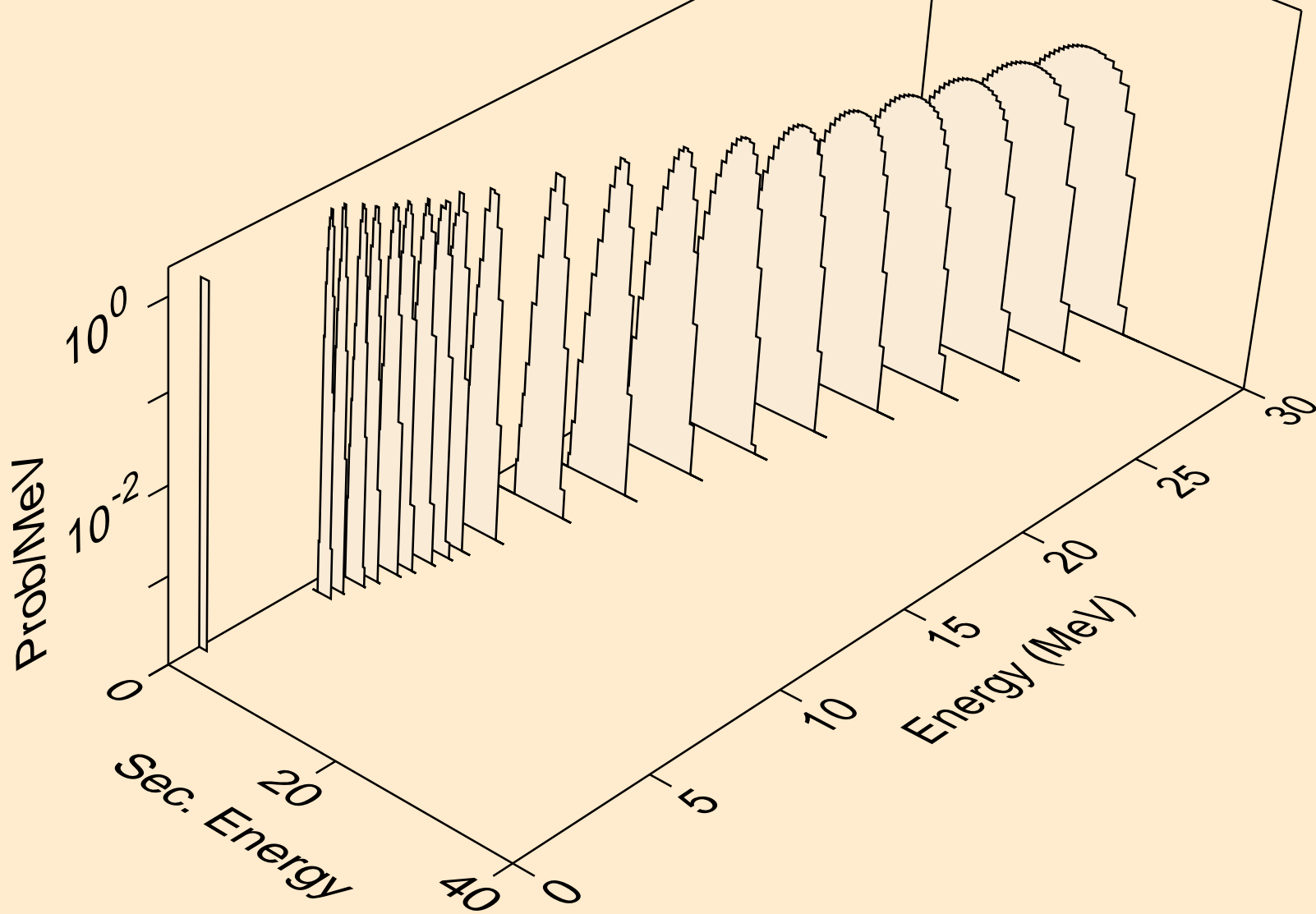




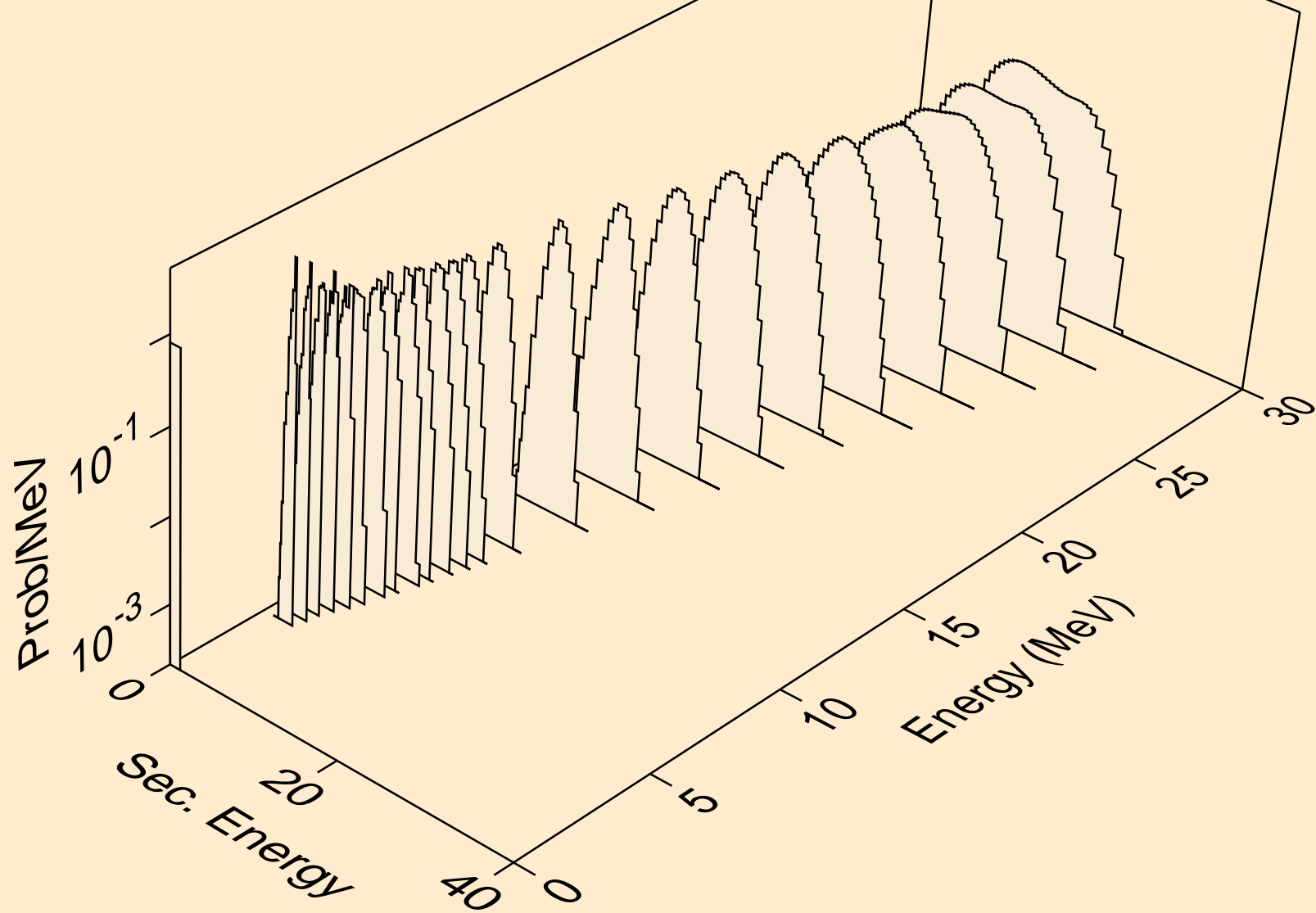
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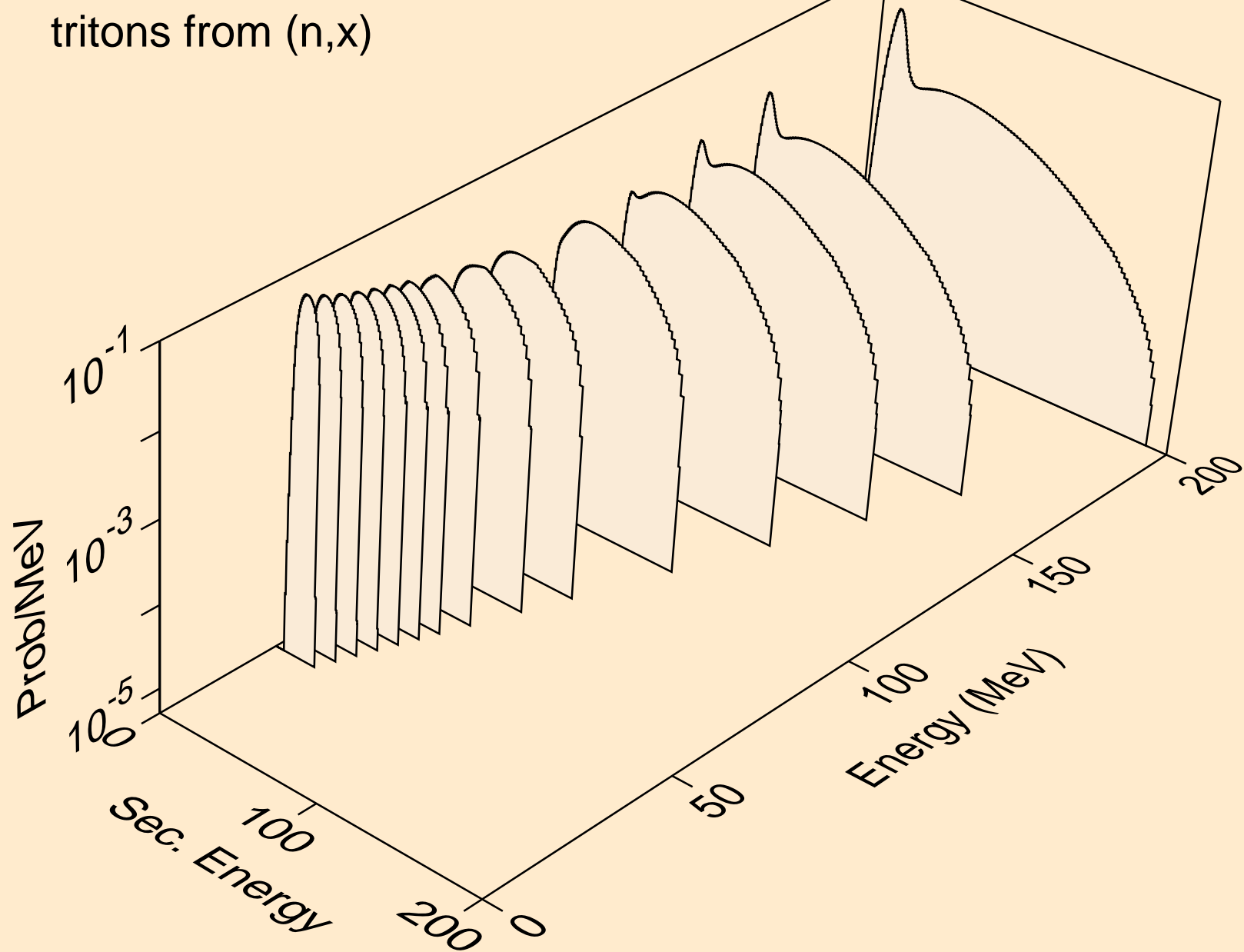
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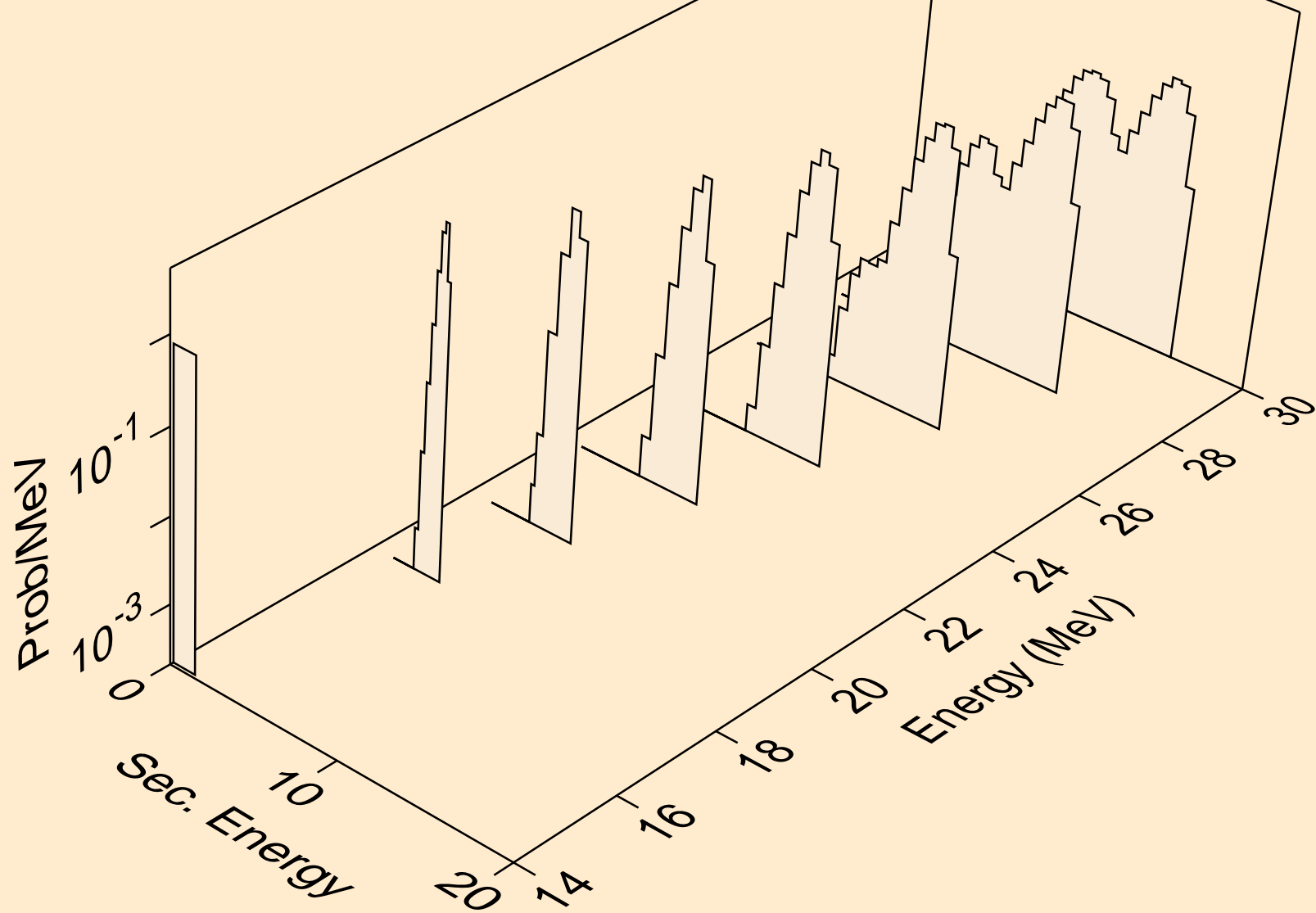
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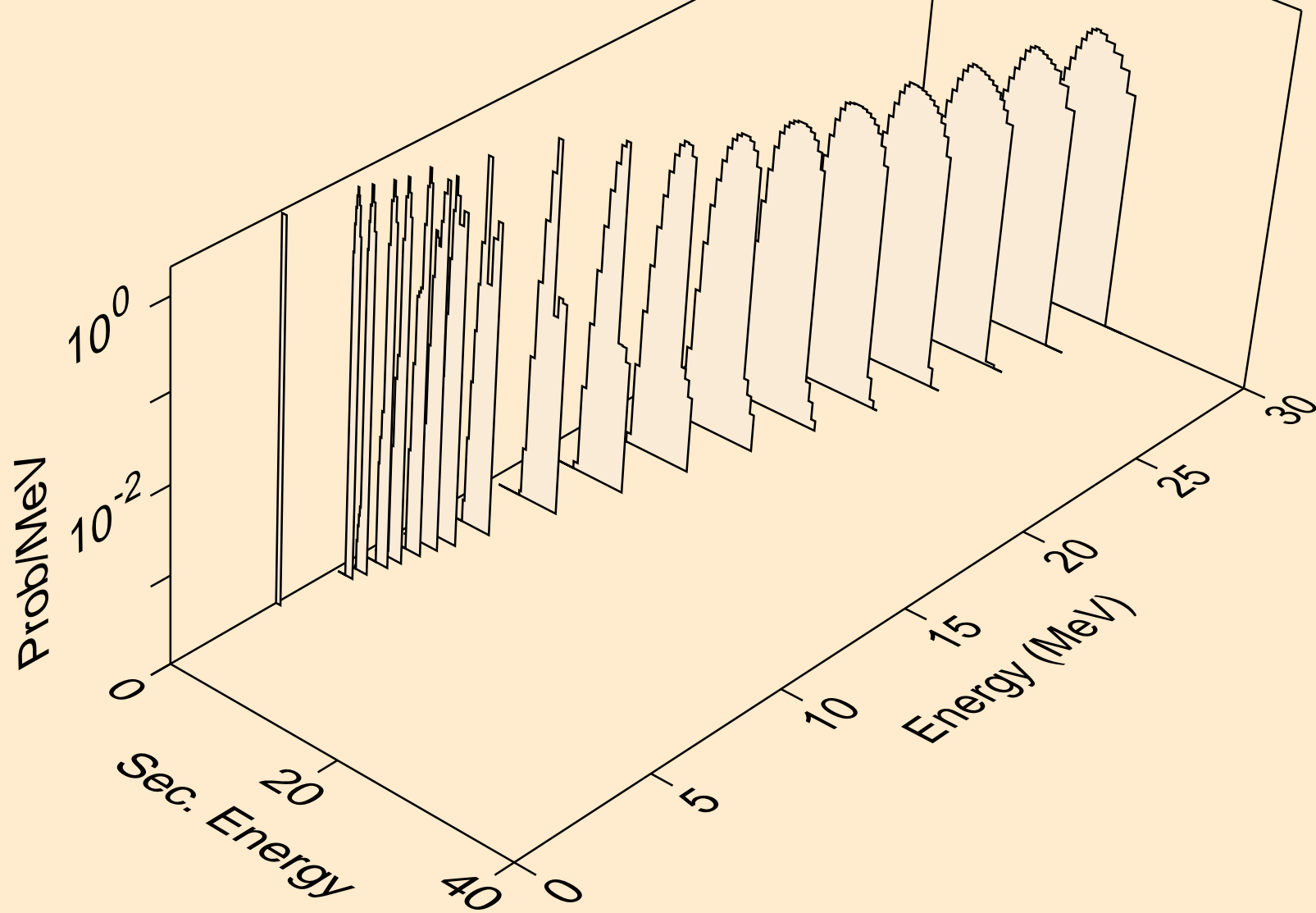
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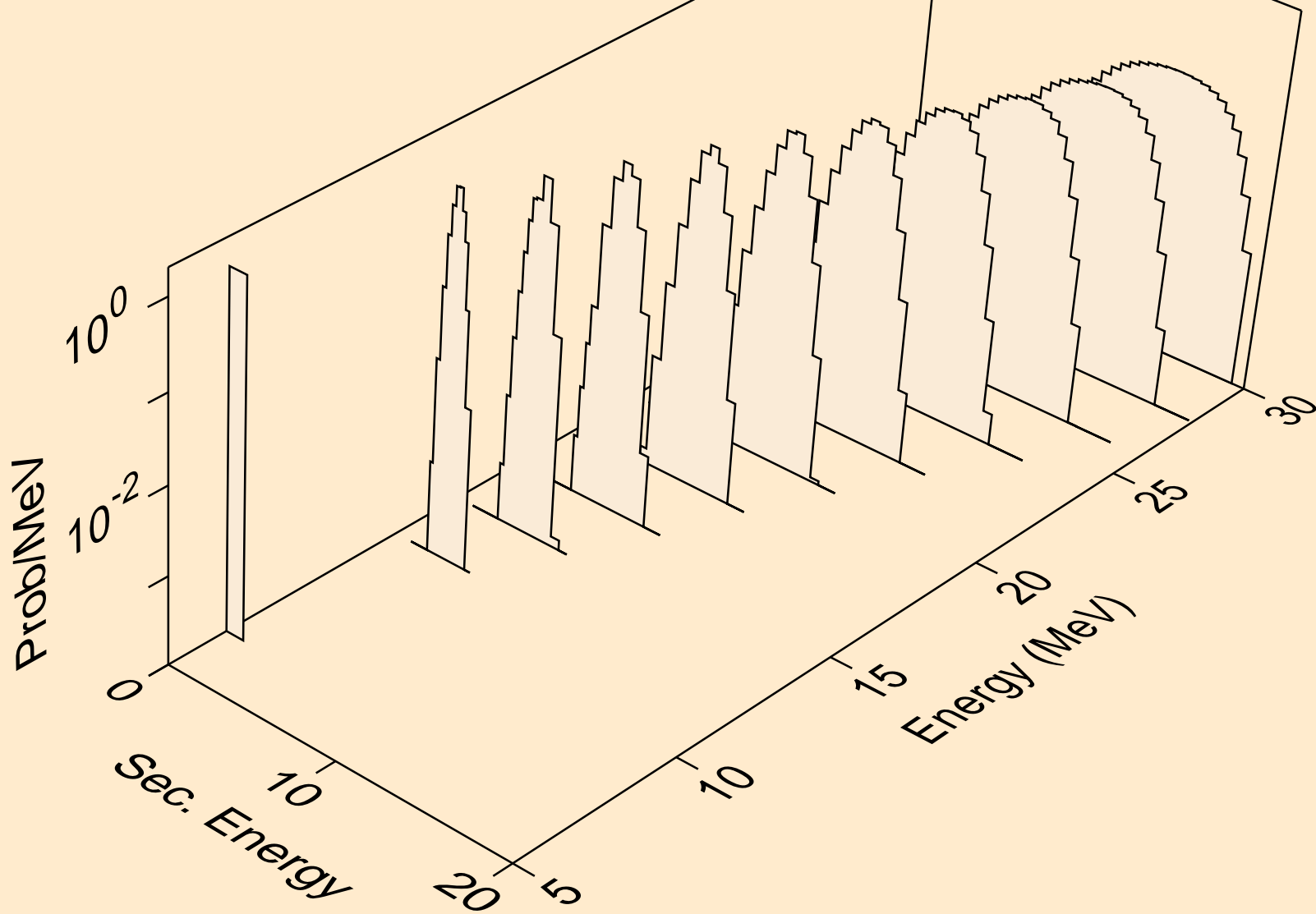
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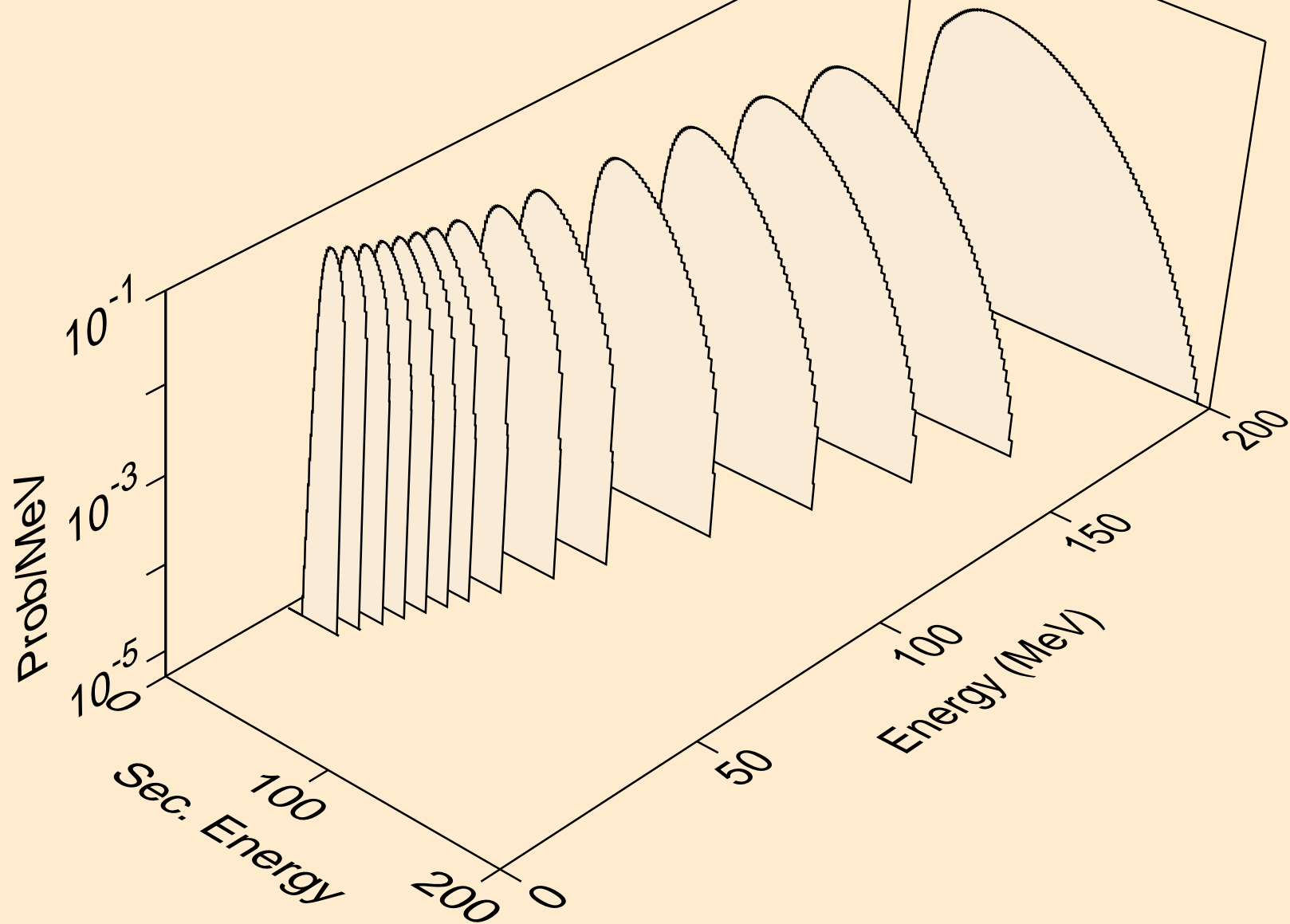
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tritons from (n,pt)

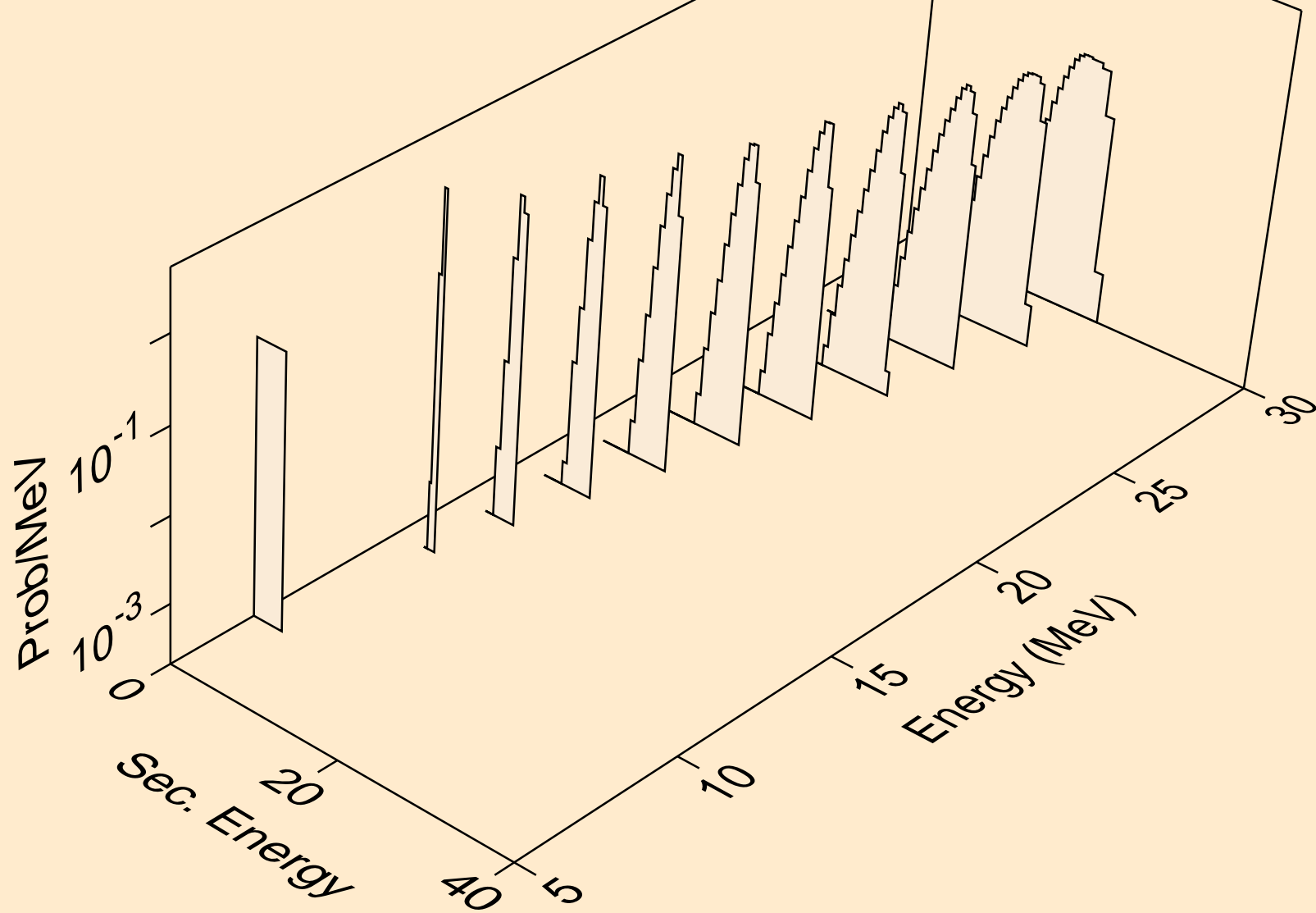


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he3s from (n,x)

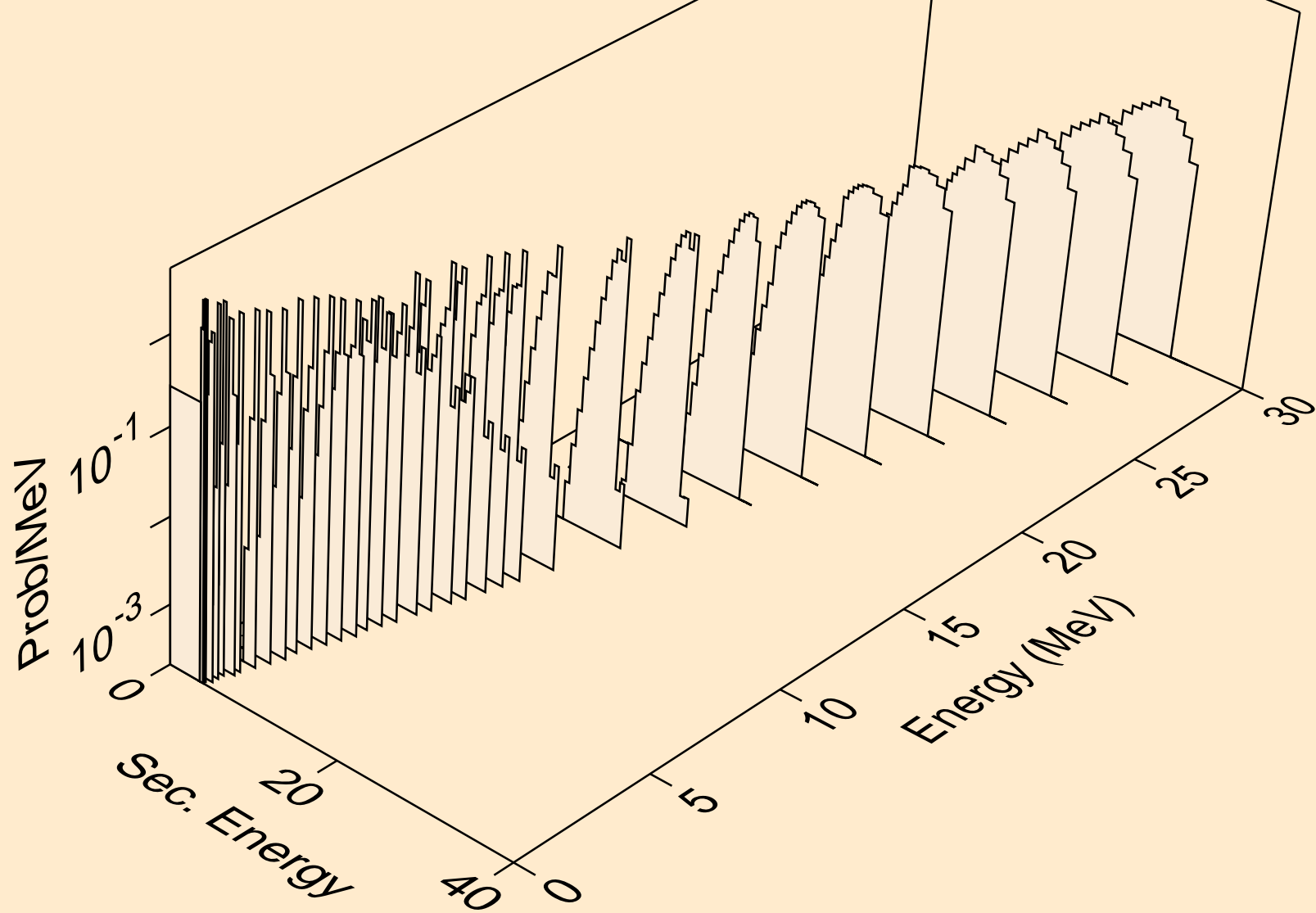




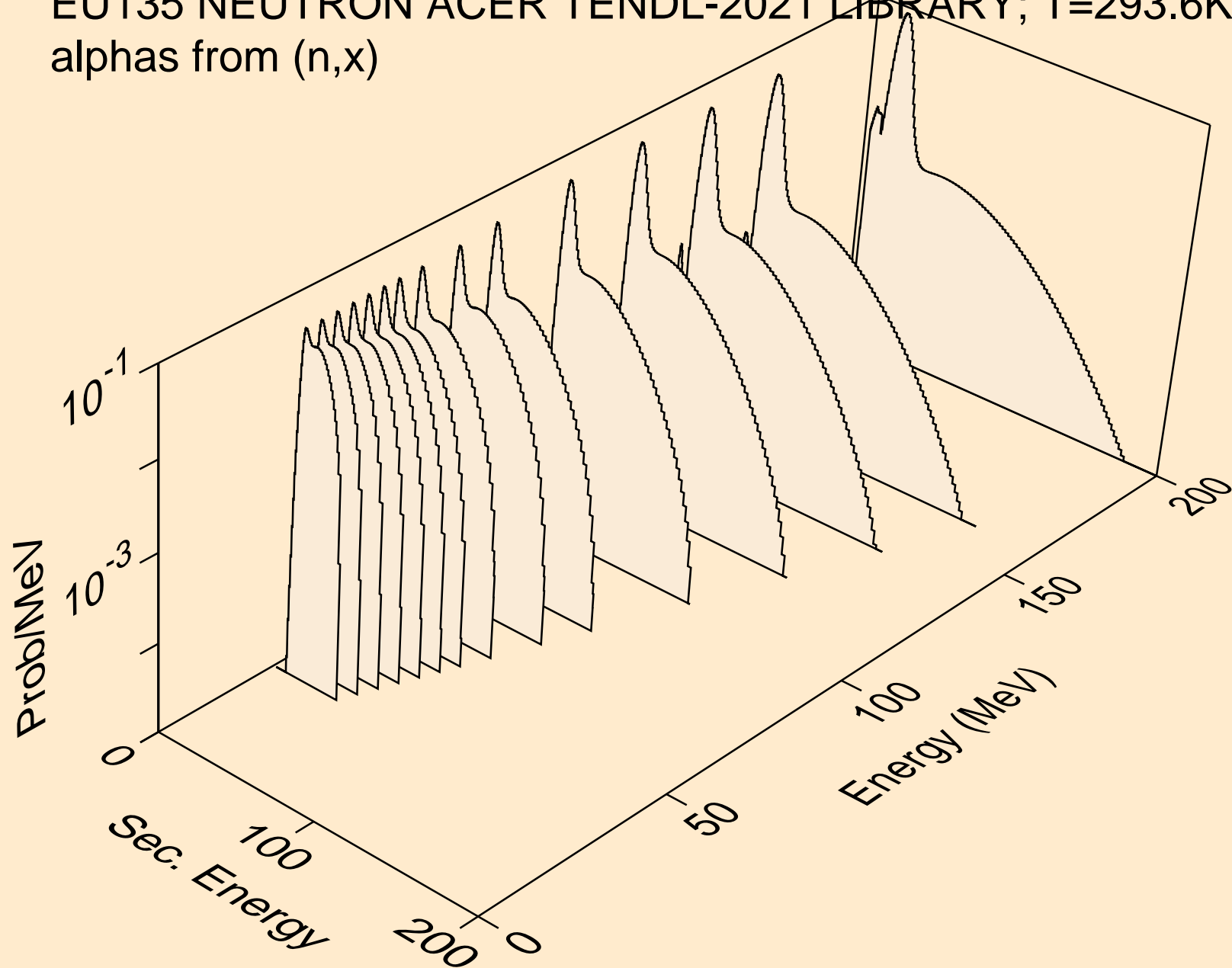
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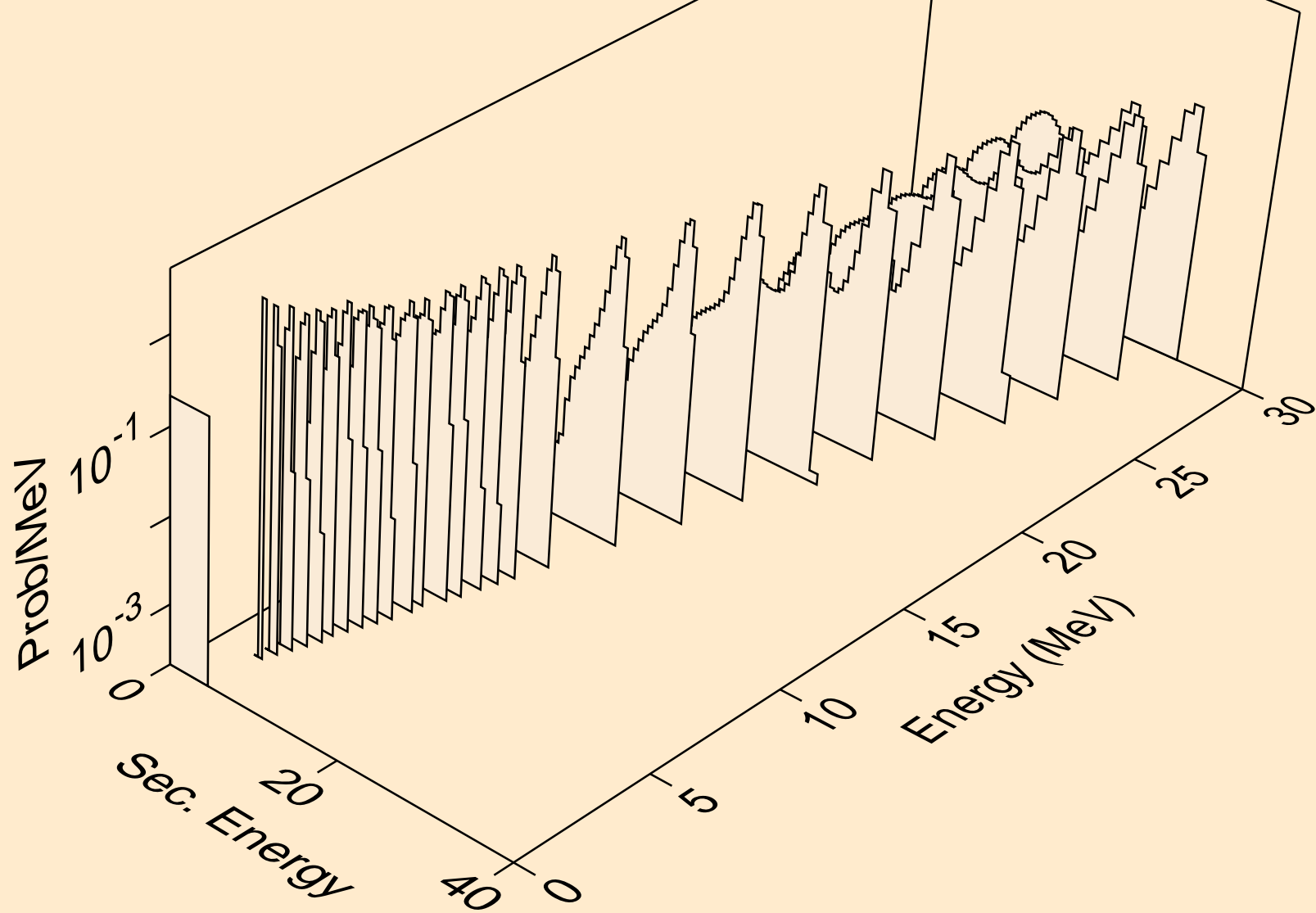
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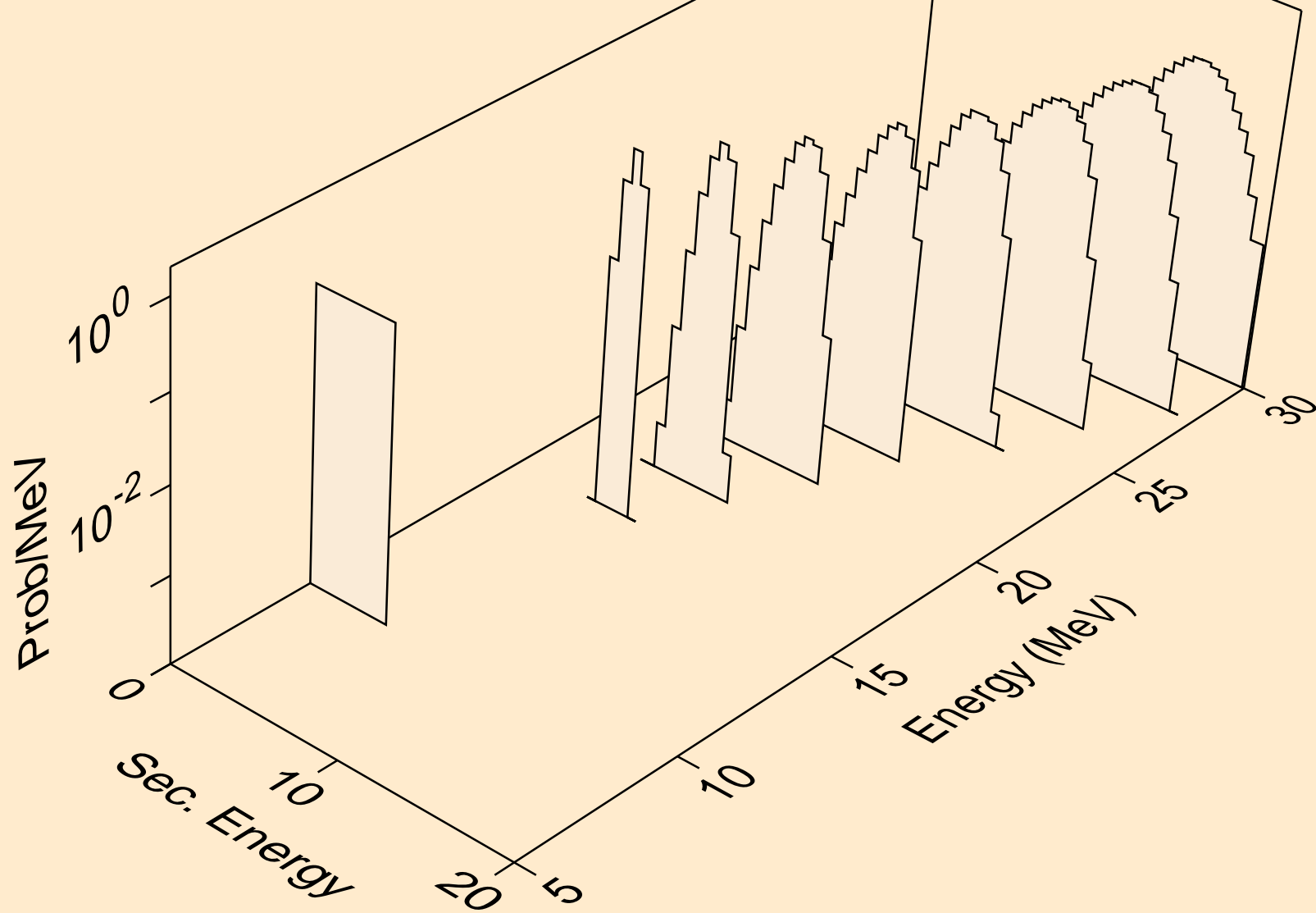
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alphas from (n,x)



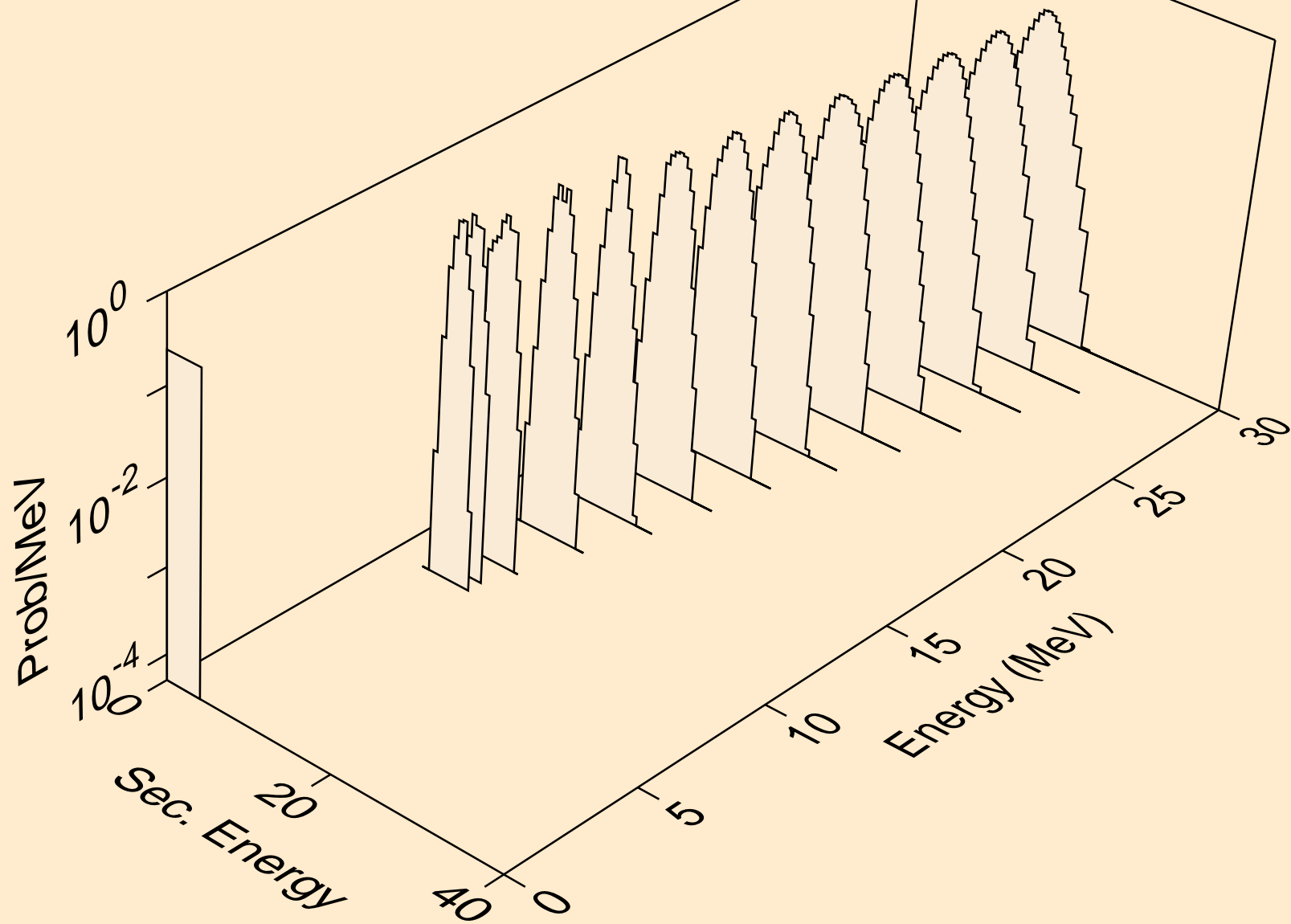
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alphas from (n,n\*)a



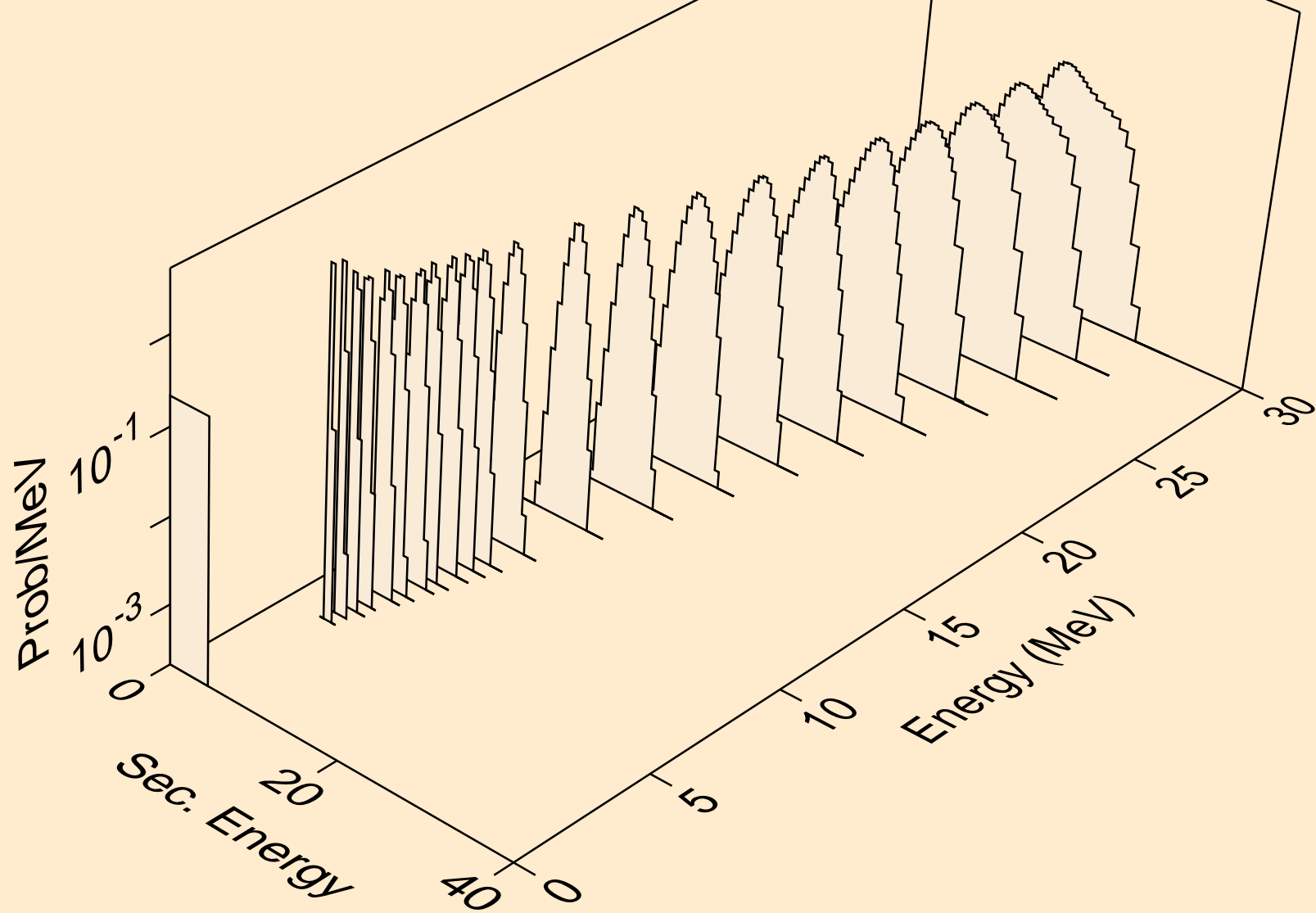
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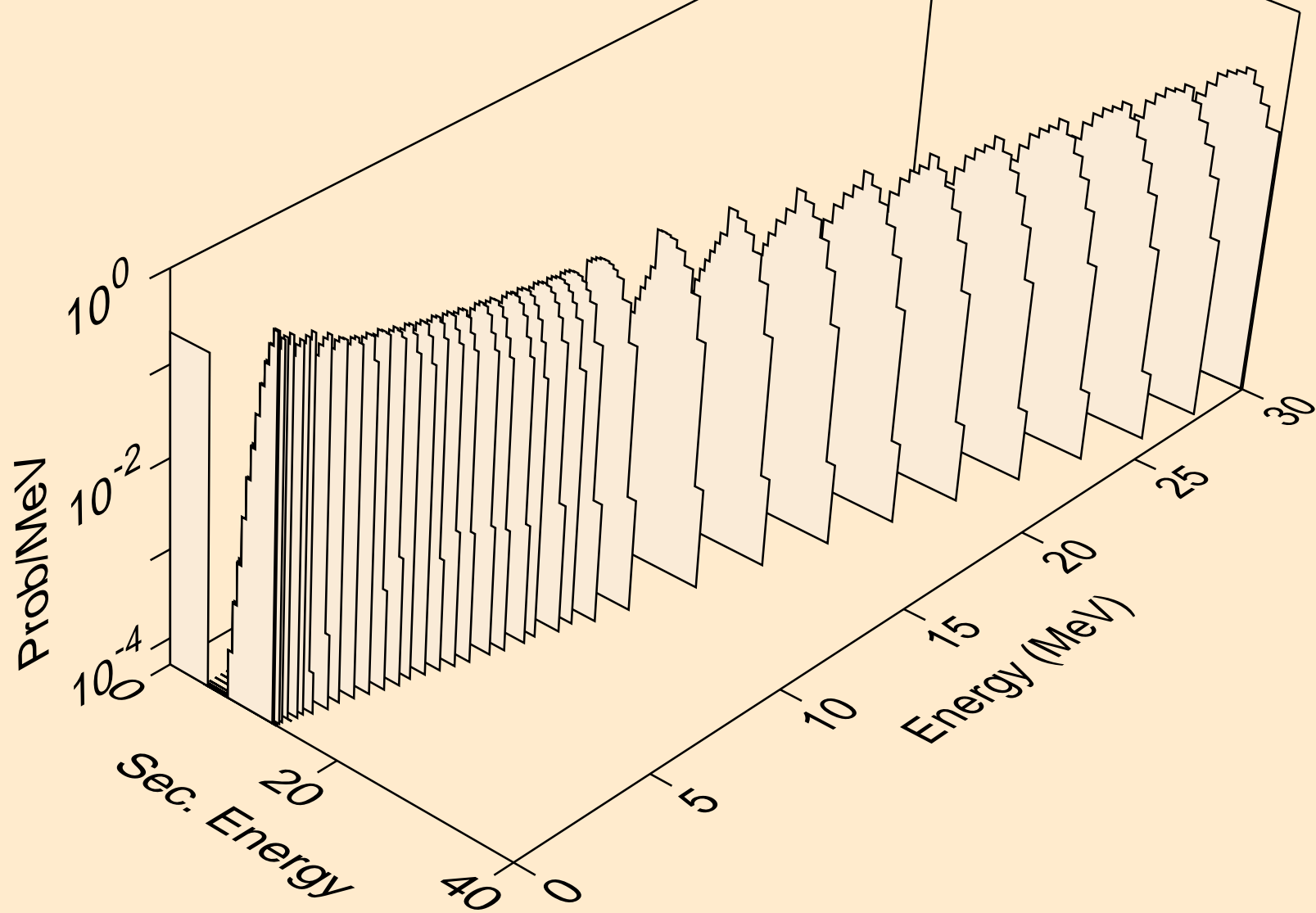
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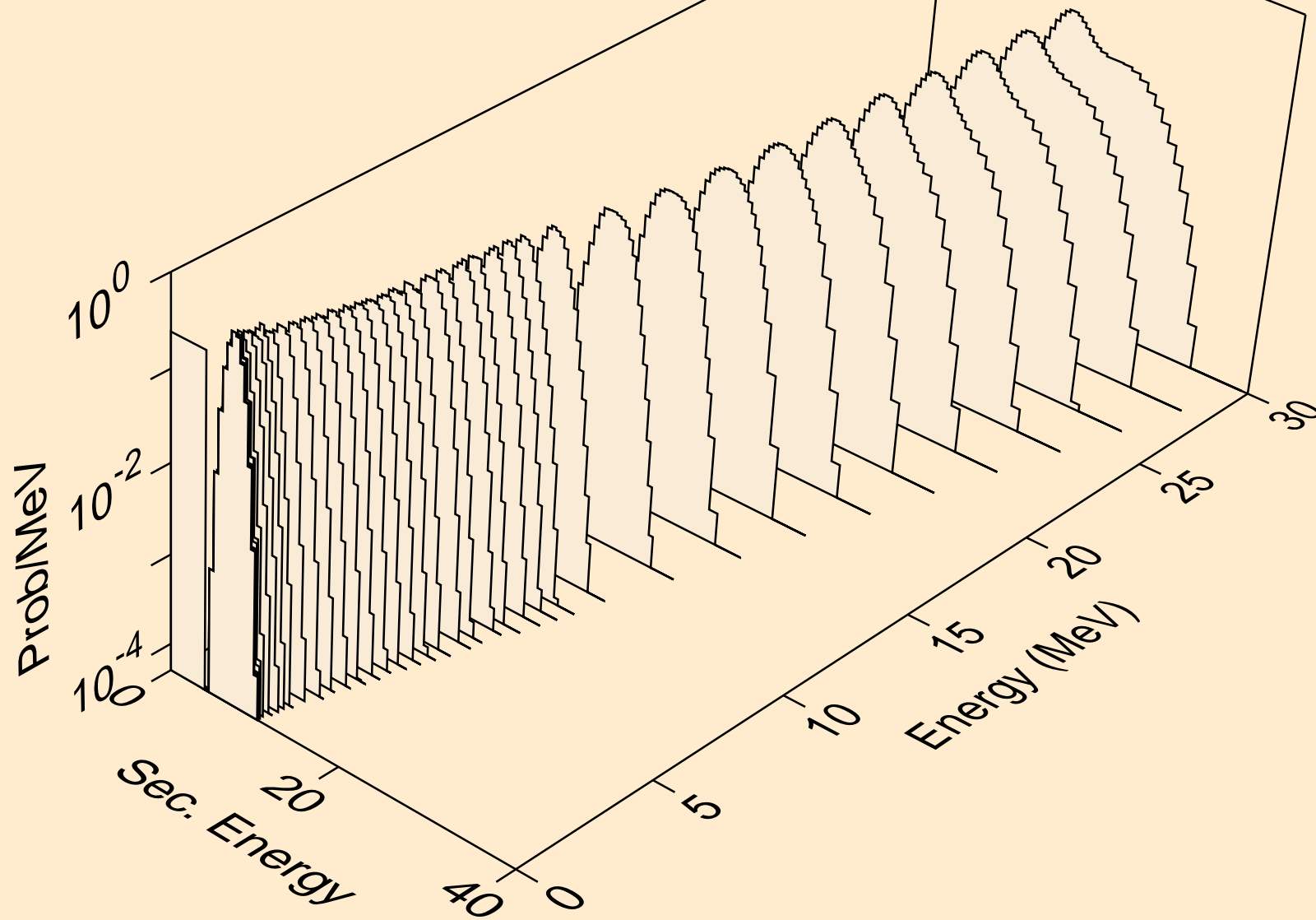


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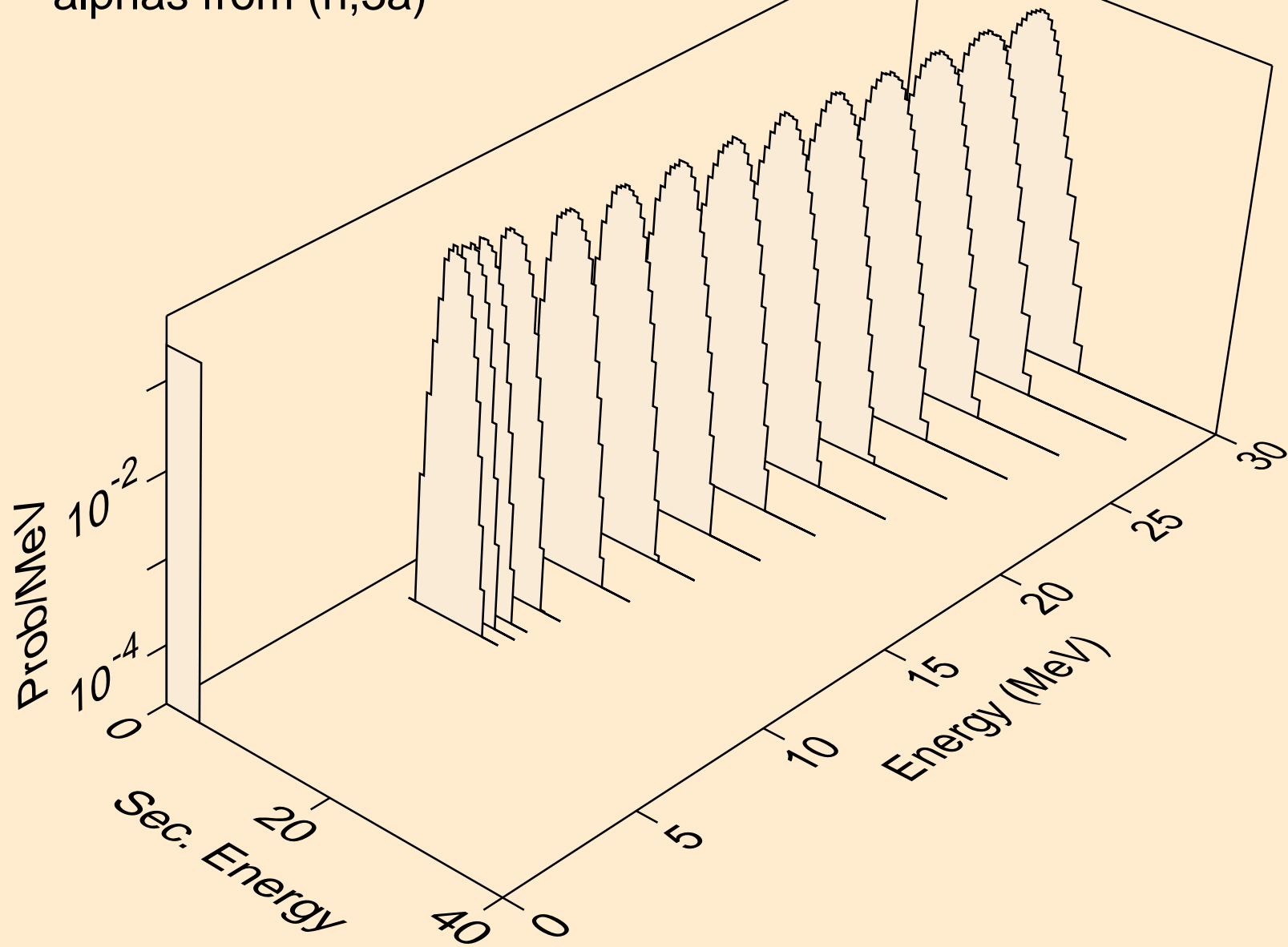




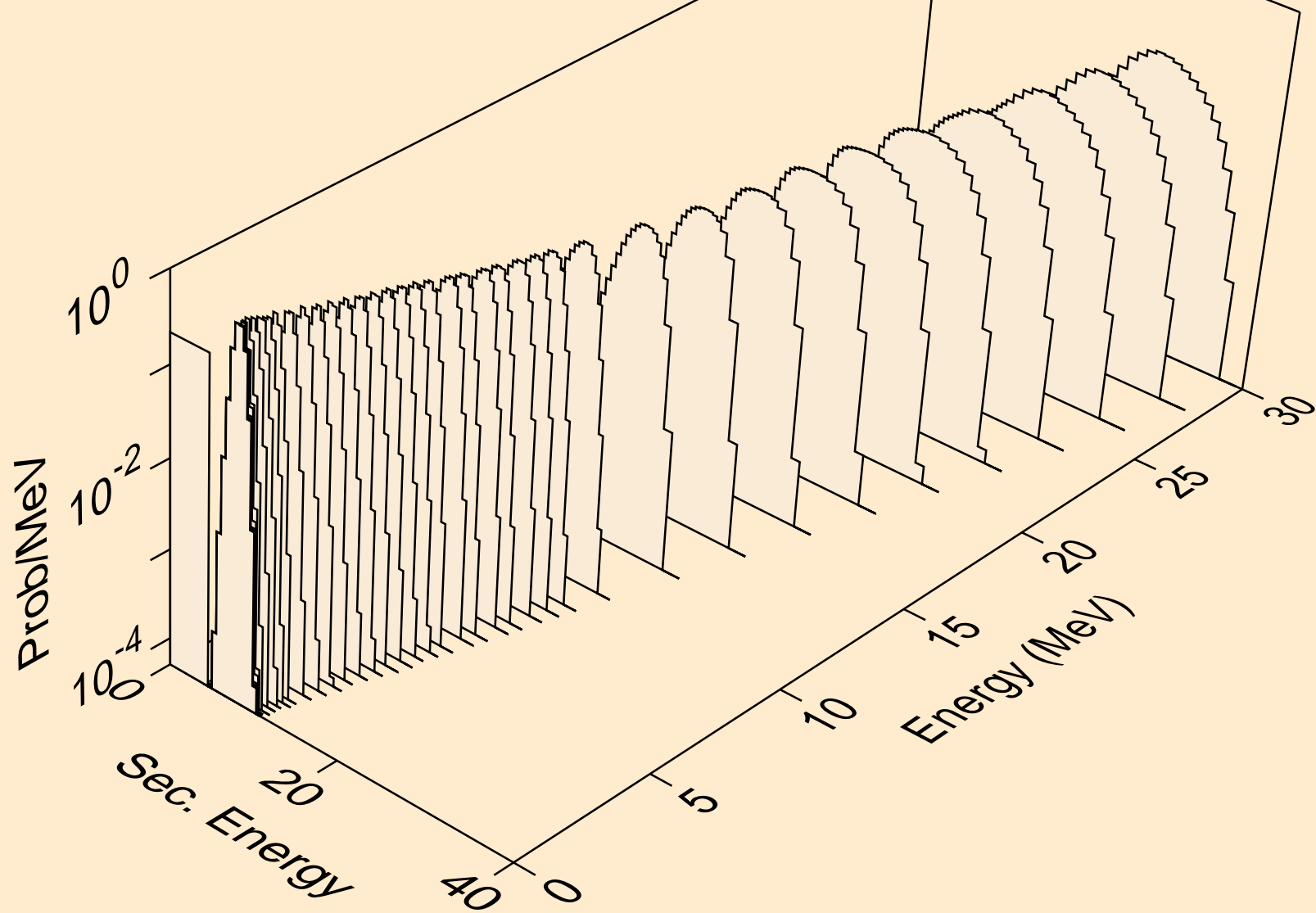
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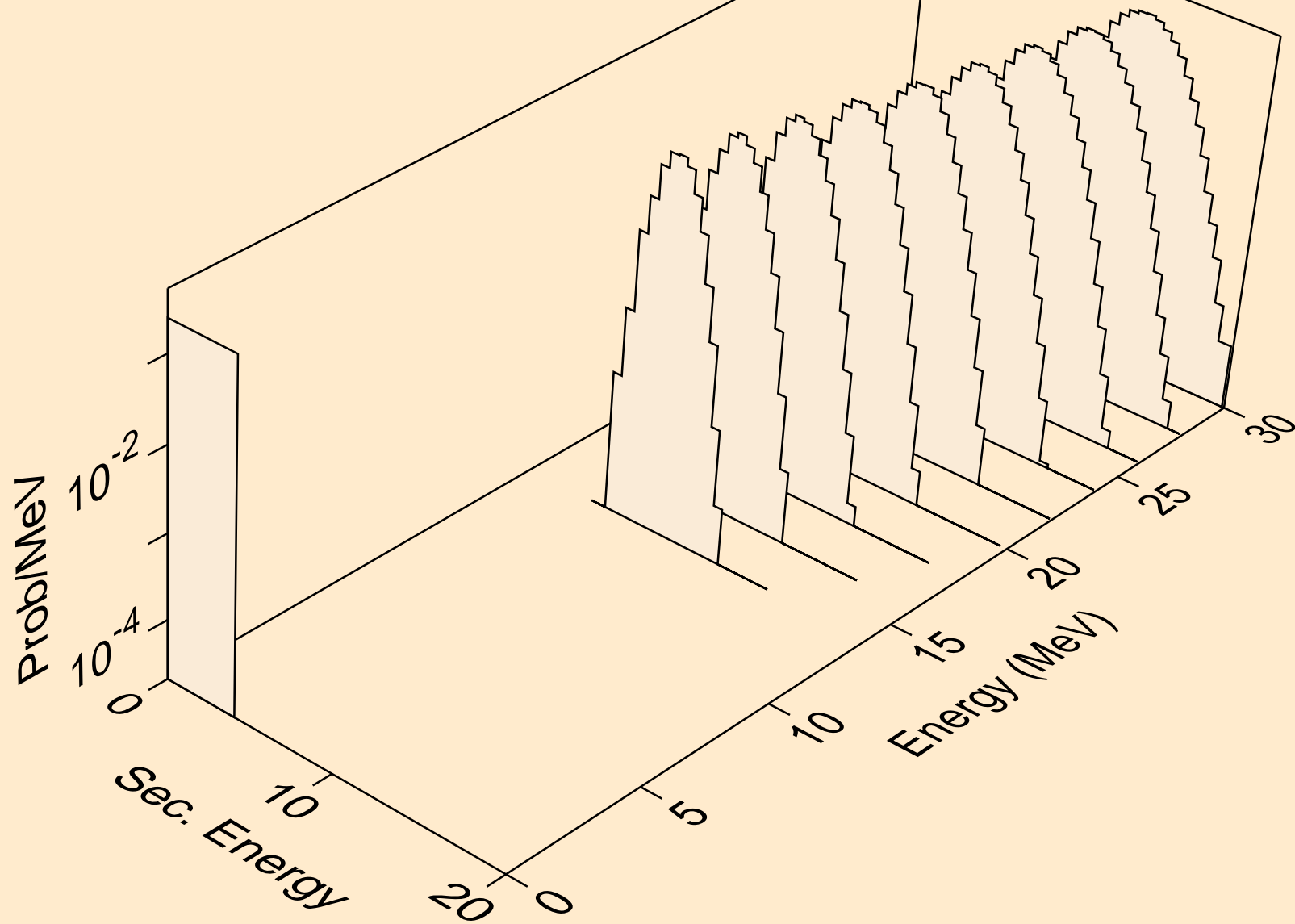
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alphas from (n,3a)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



EU135 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

