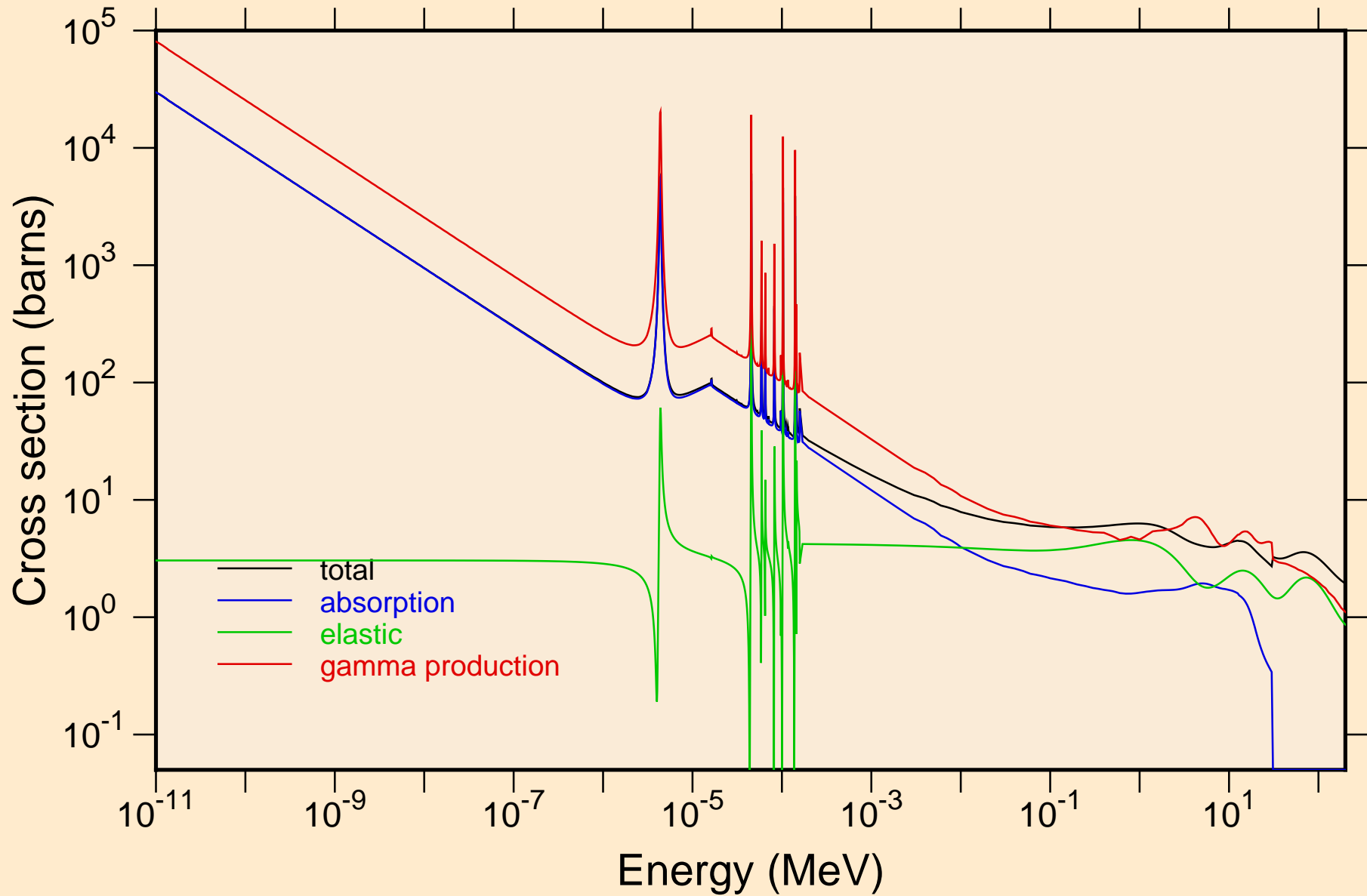
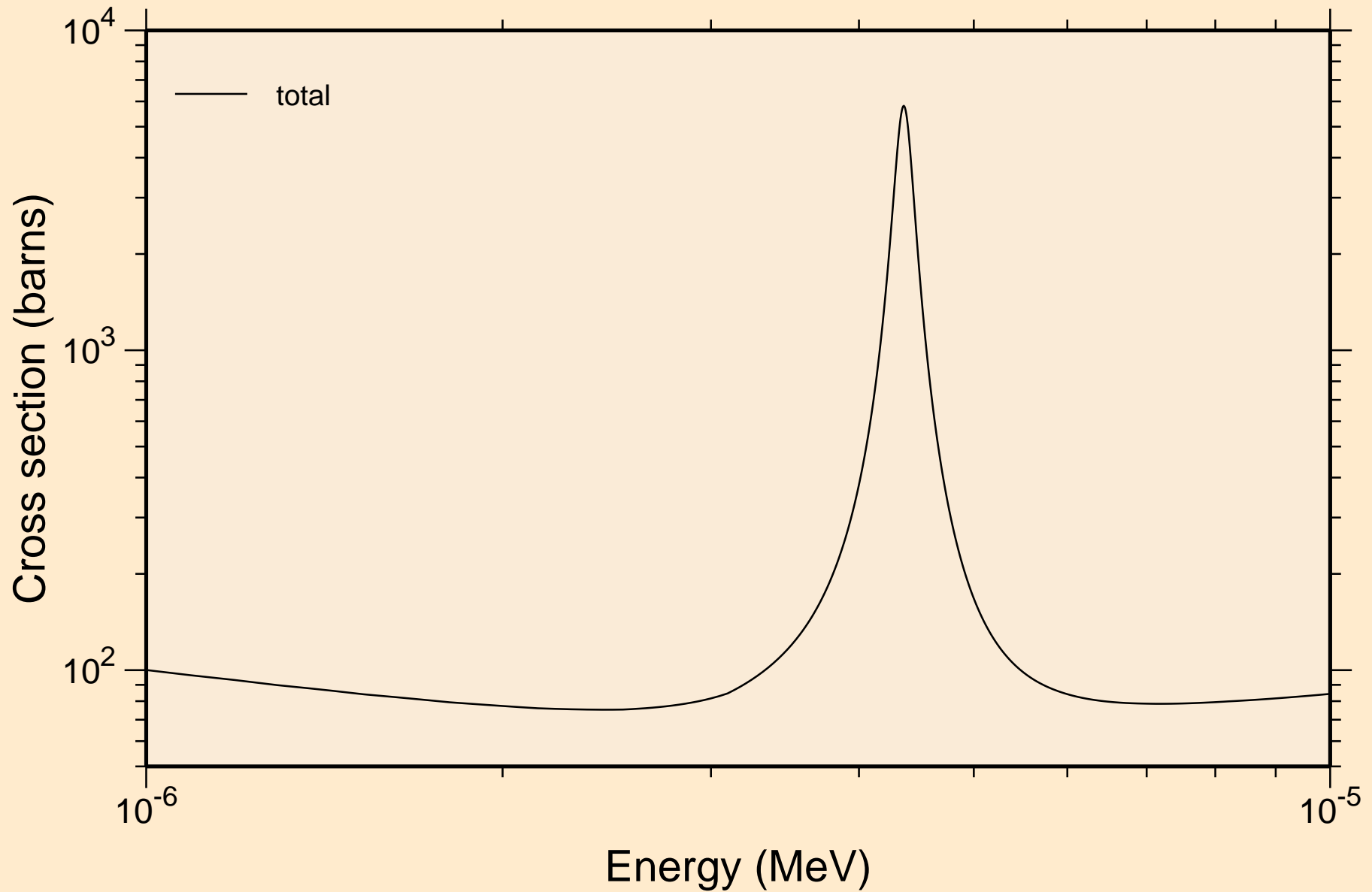


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

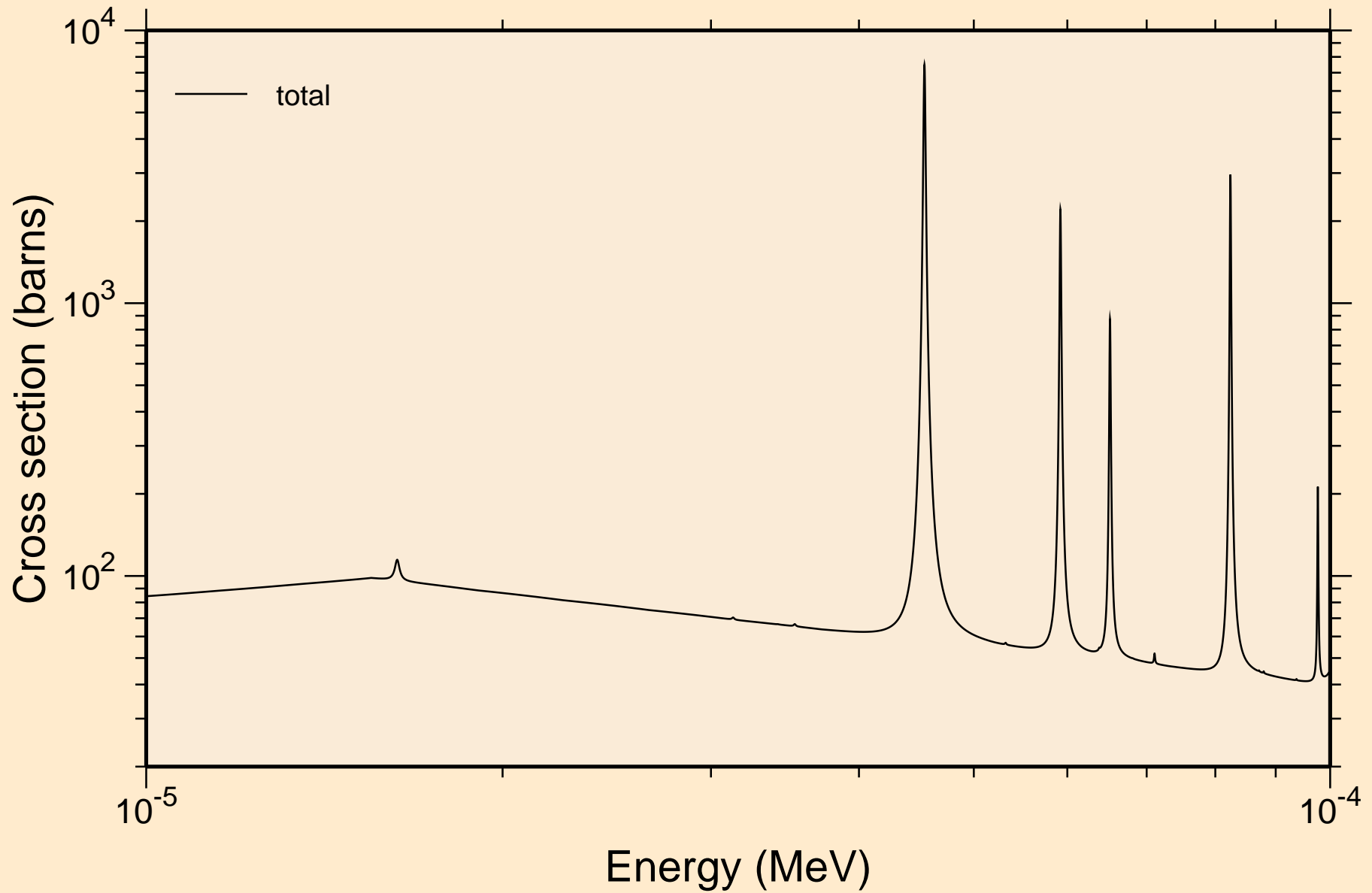
## Principal cross sections



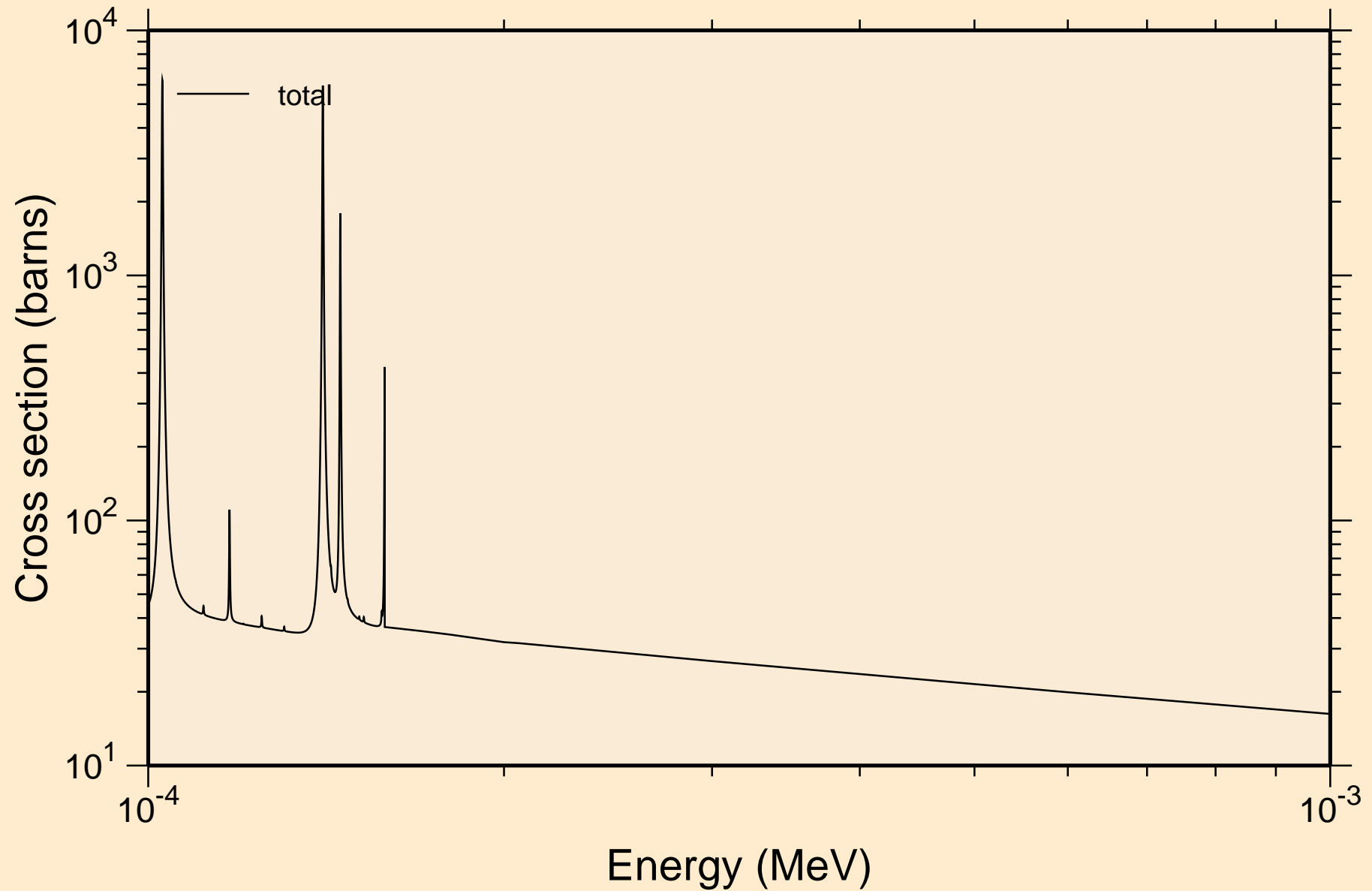
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



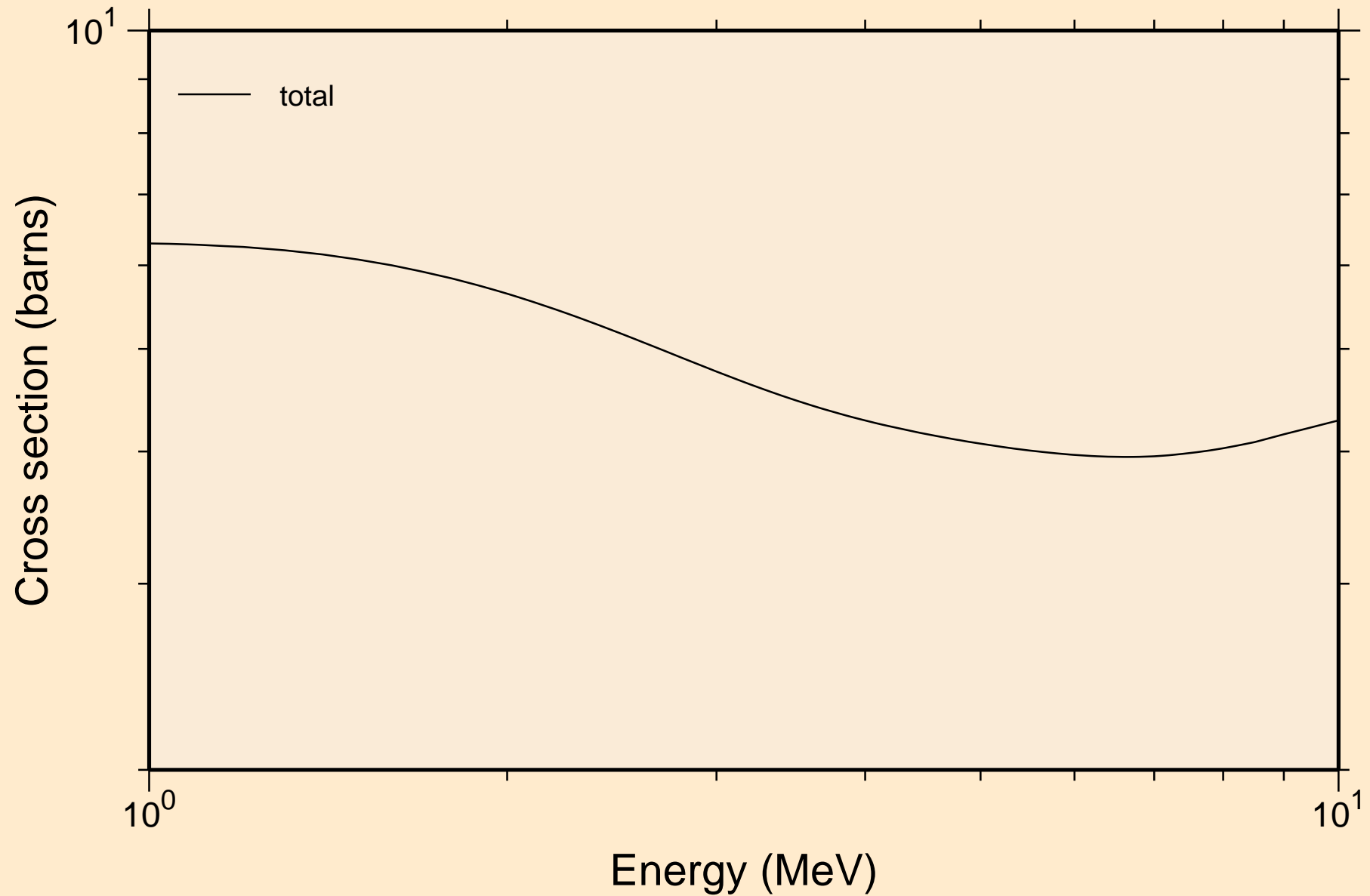
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



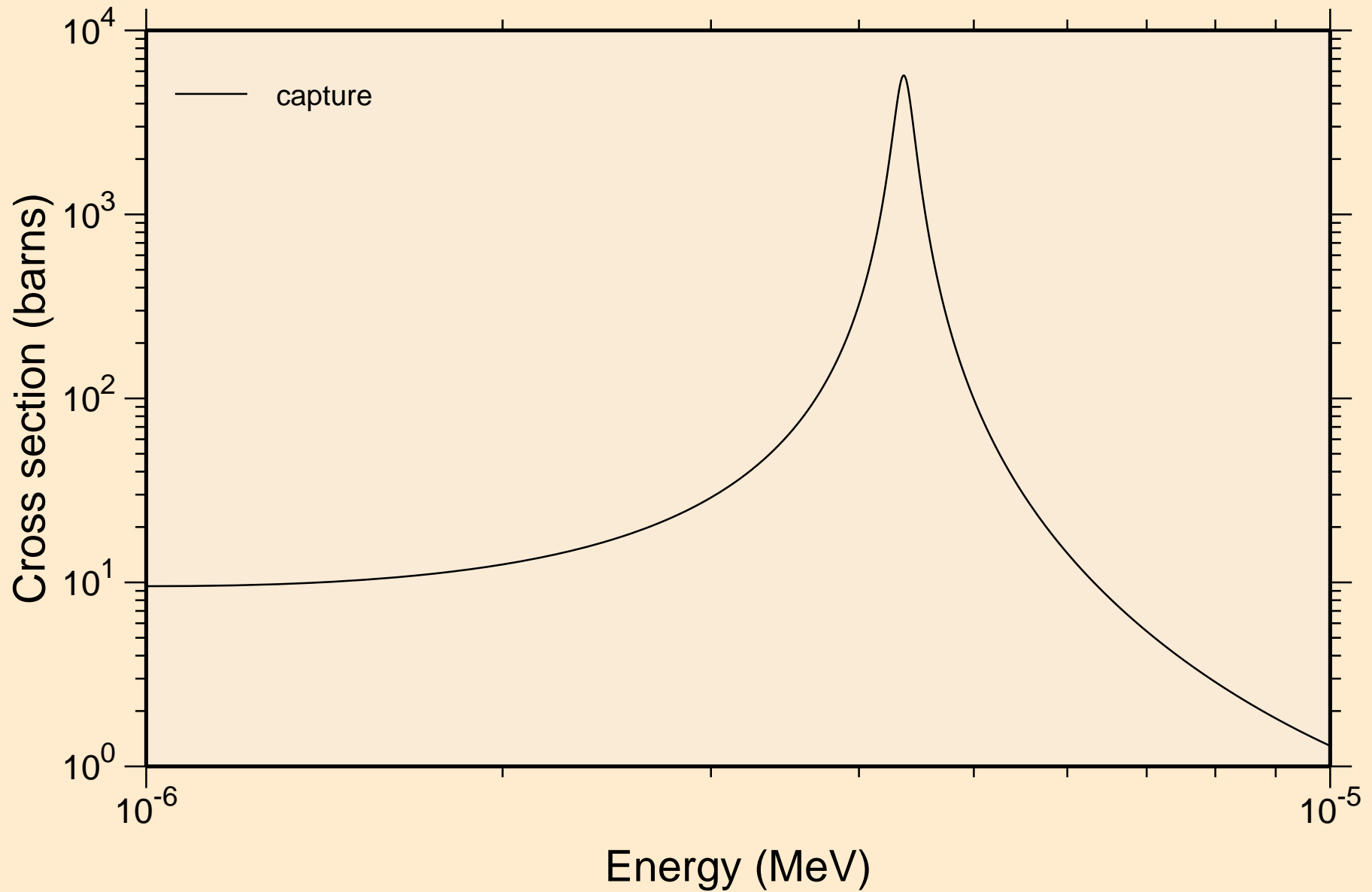
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



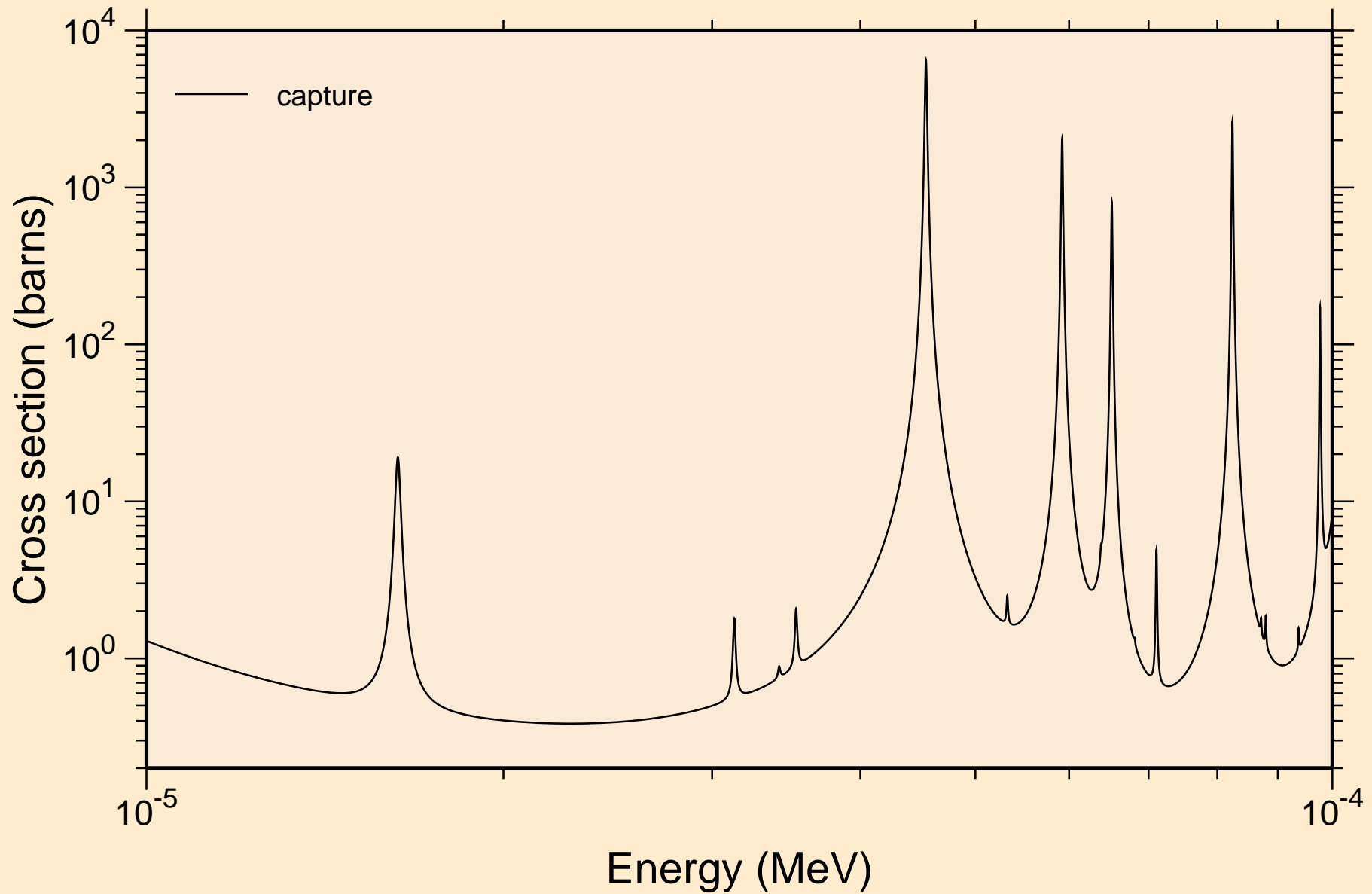
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



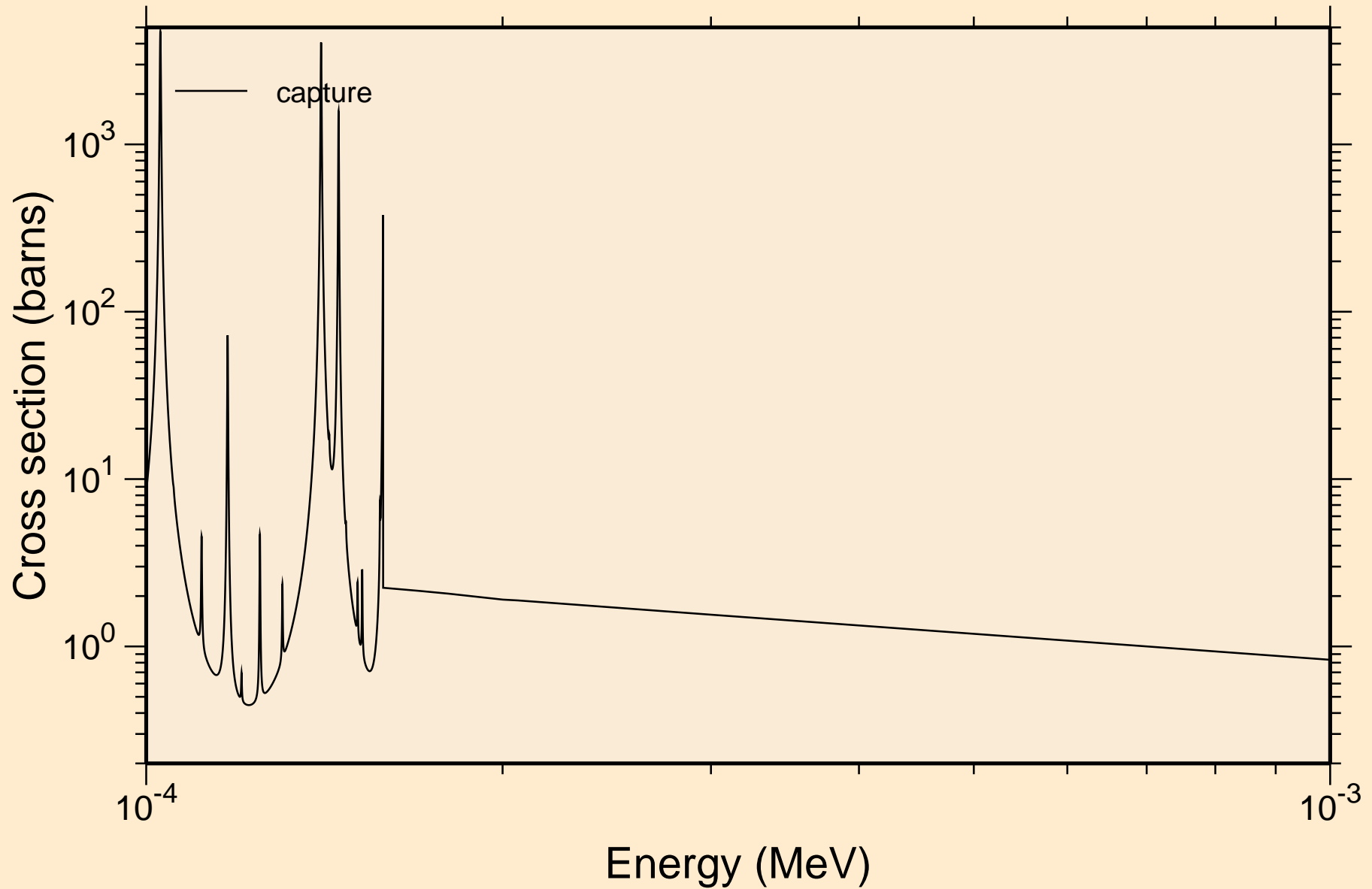
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

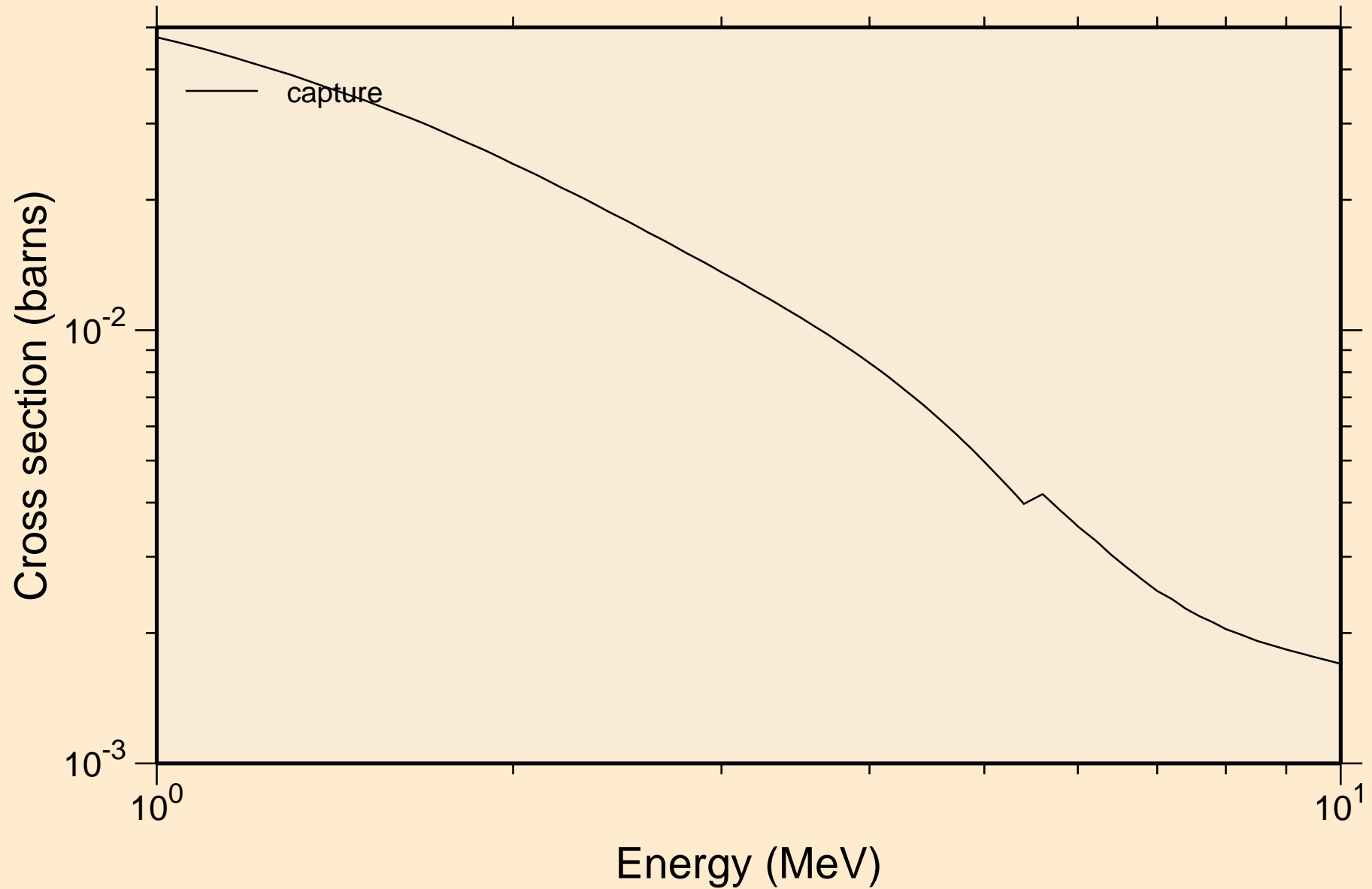


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



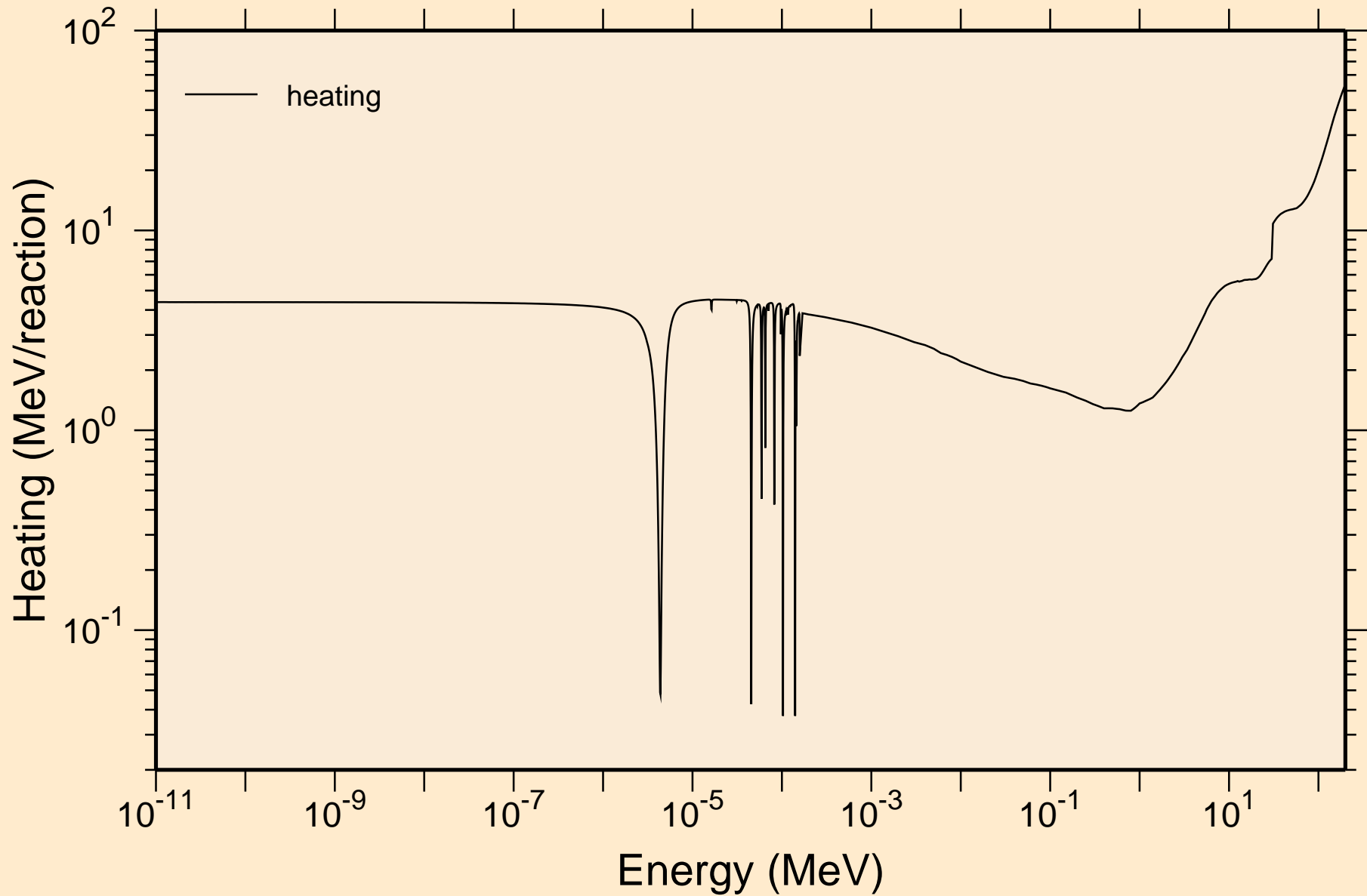


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

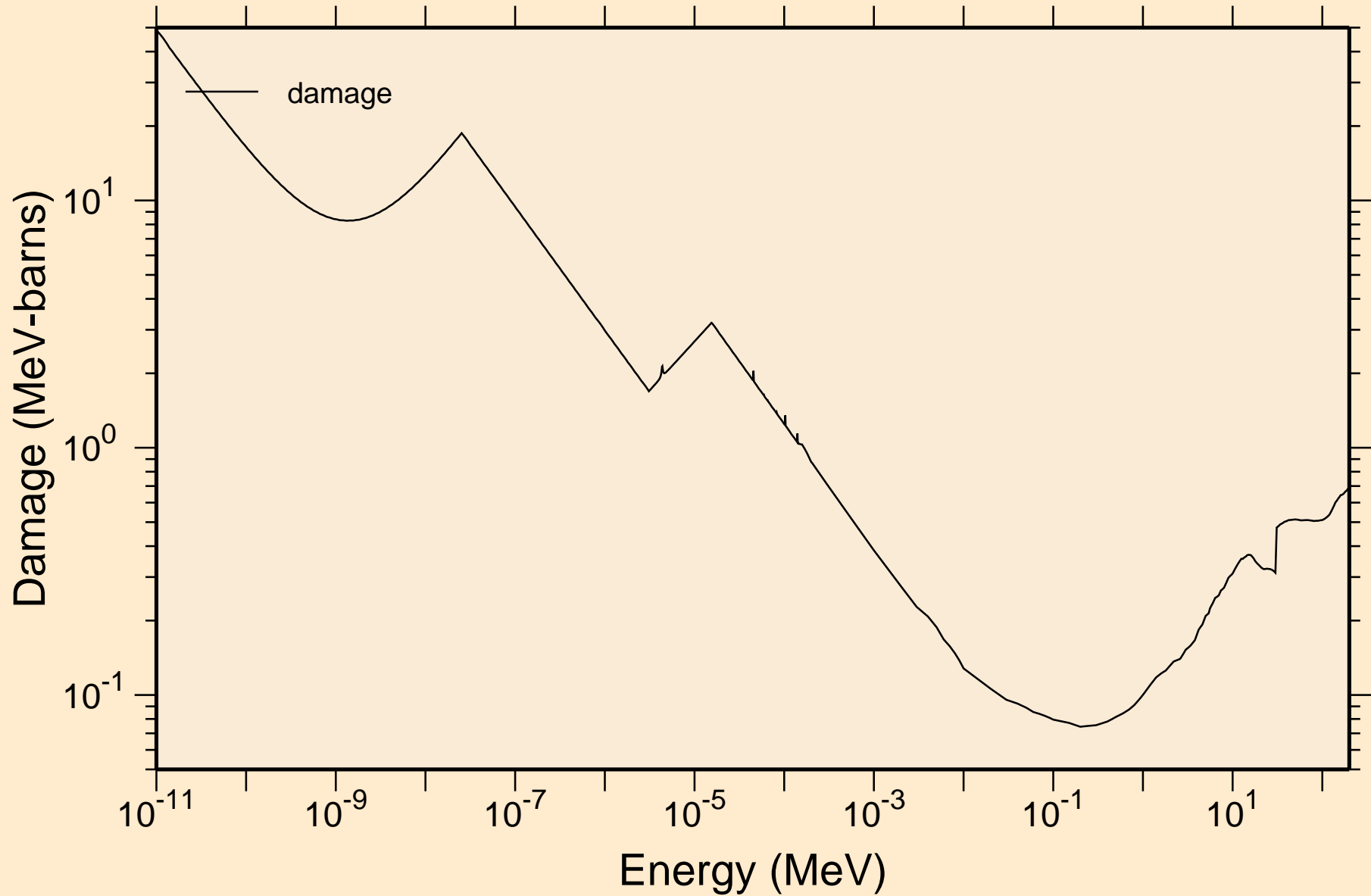


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

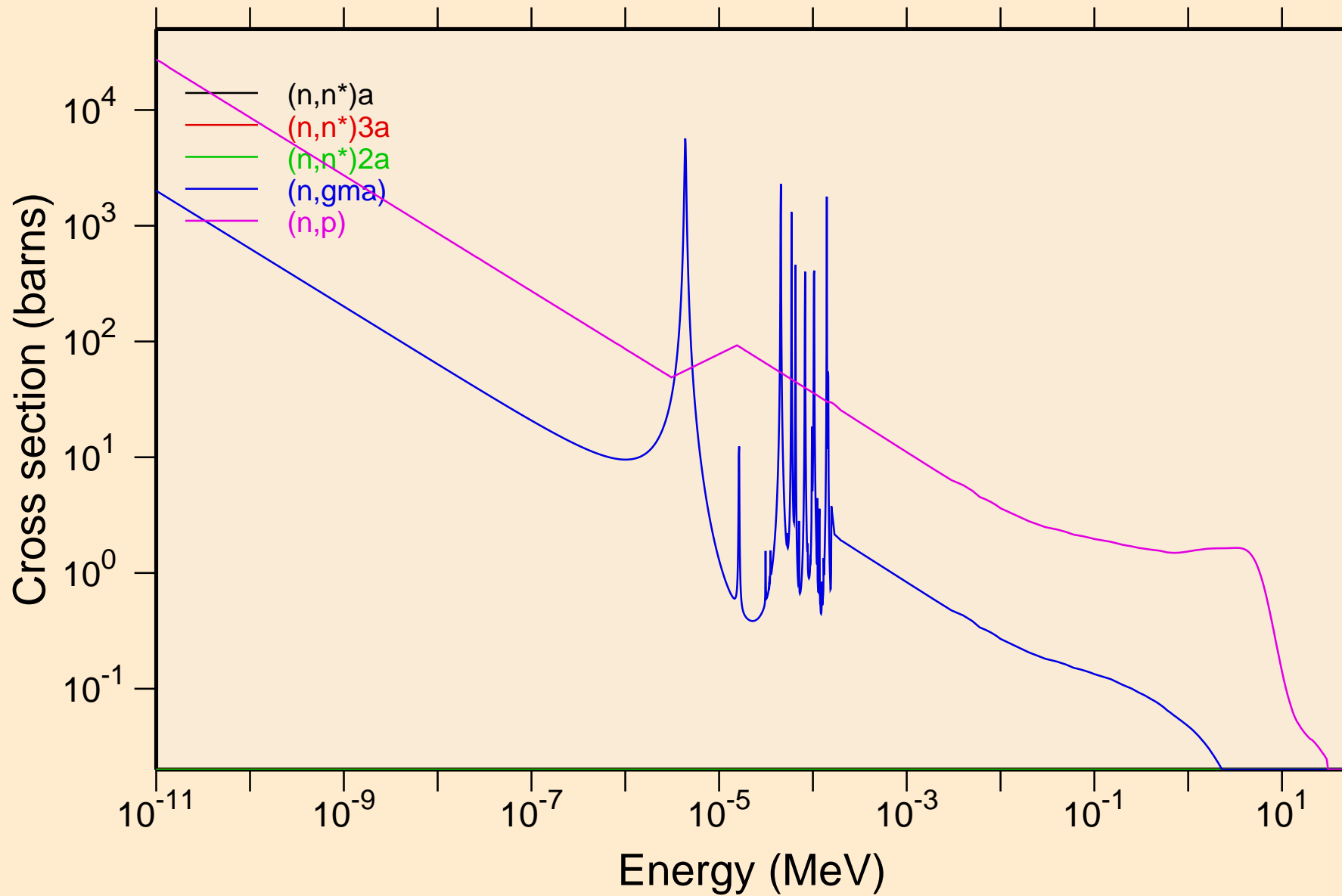
## Heating



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

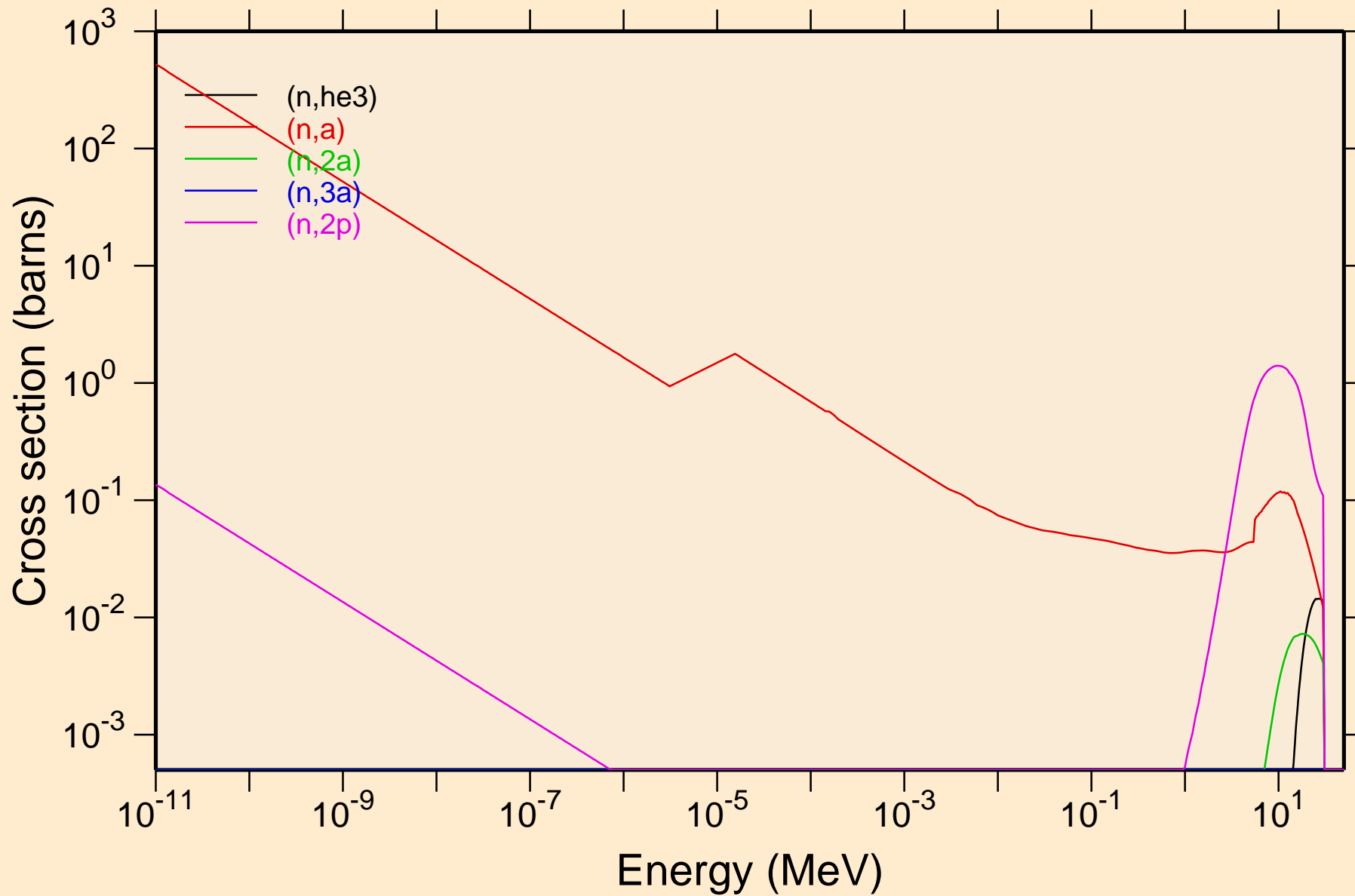


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

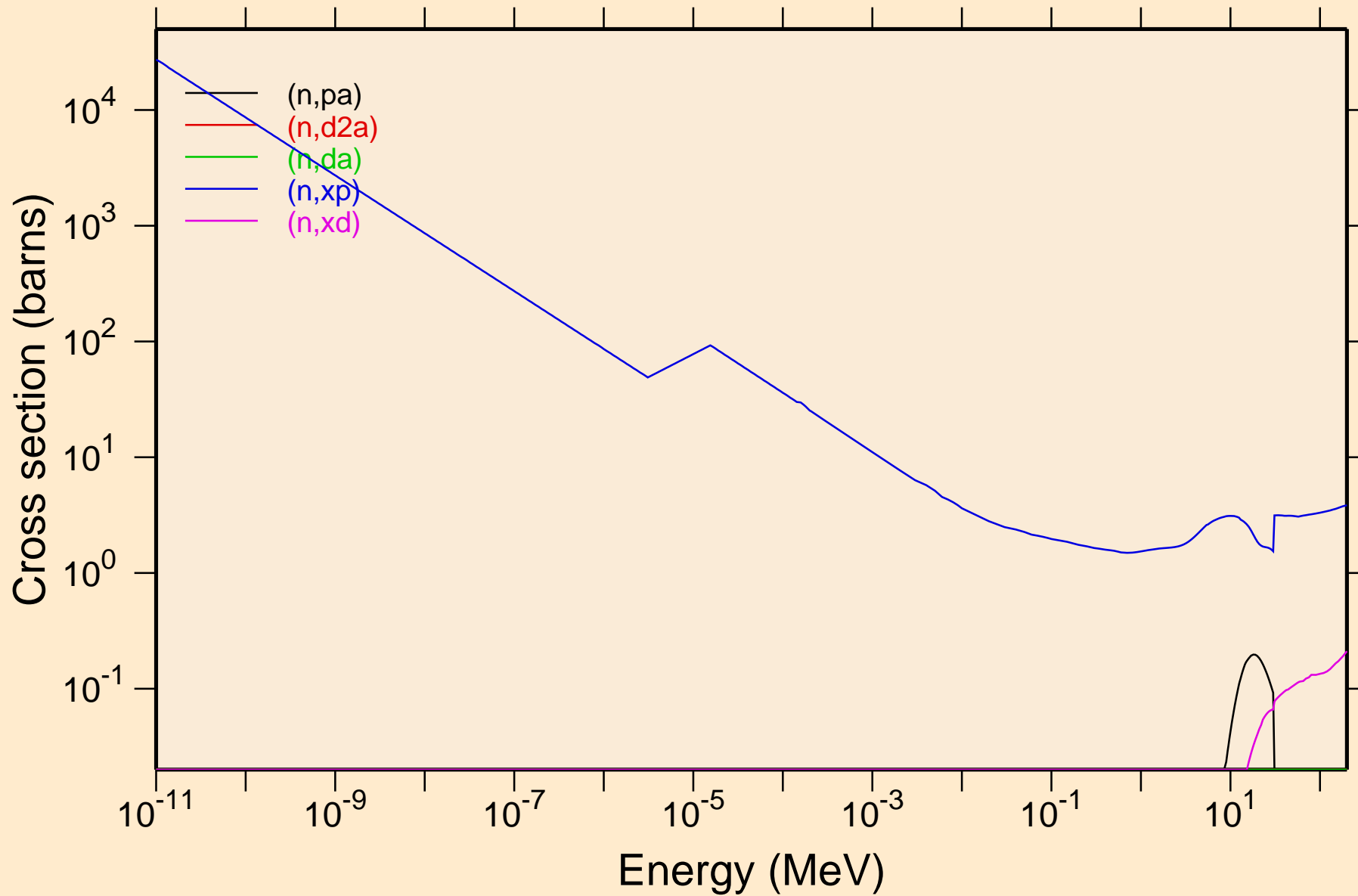


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

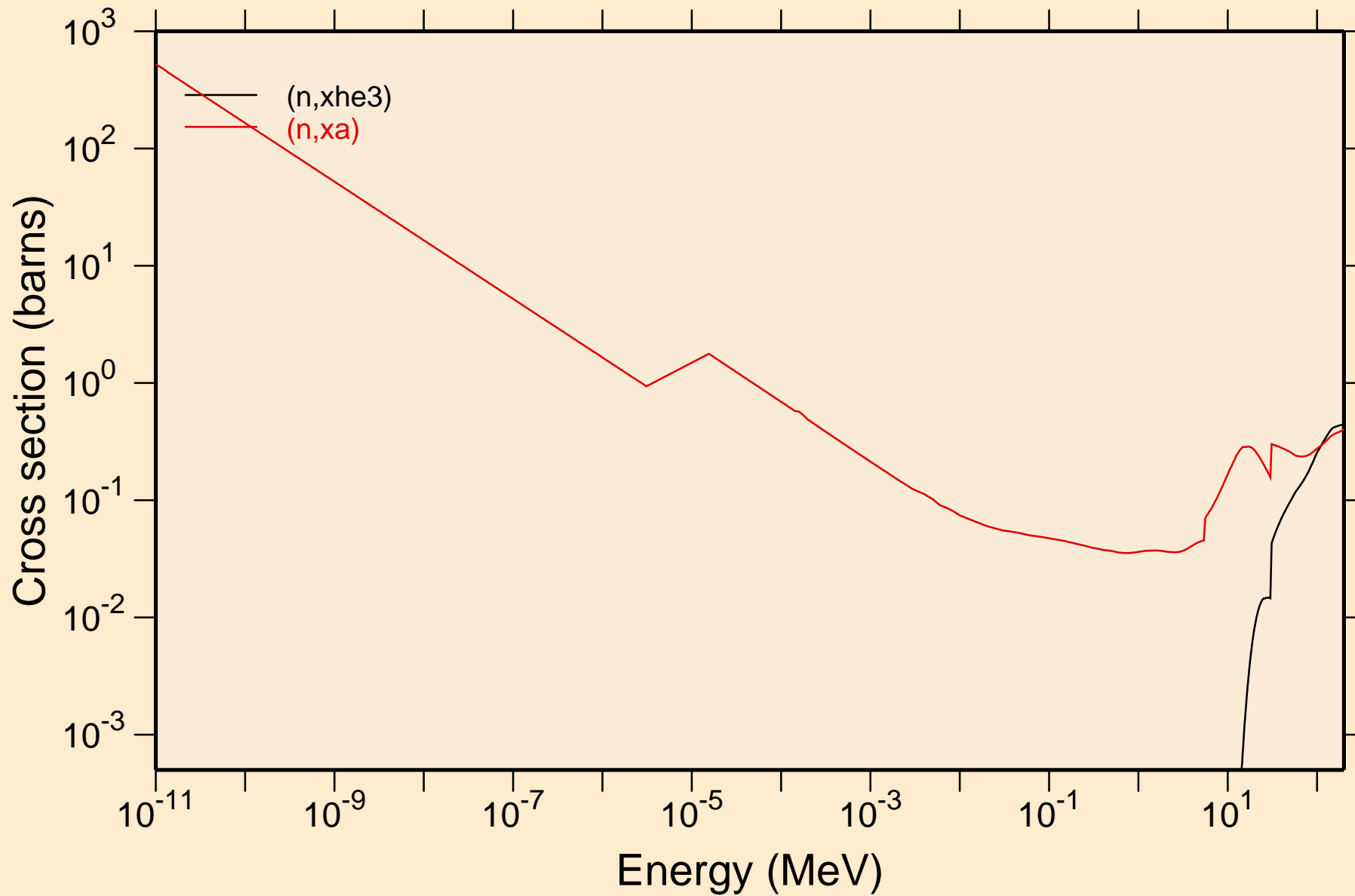
## Non-threshold reactions



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

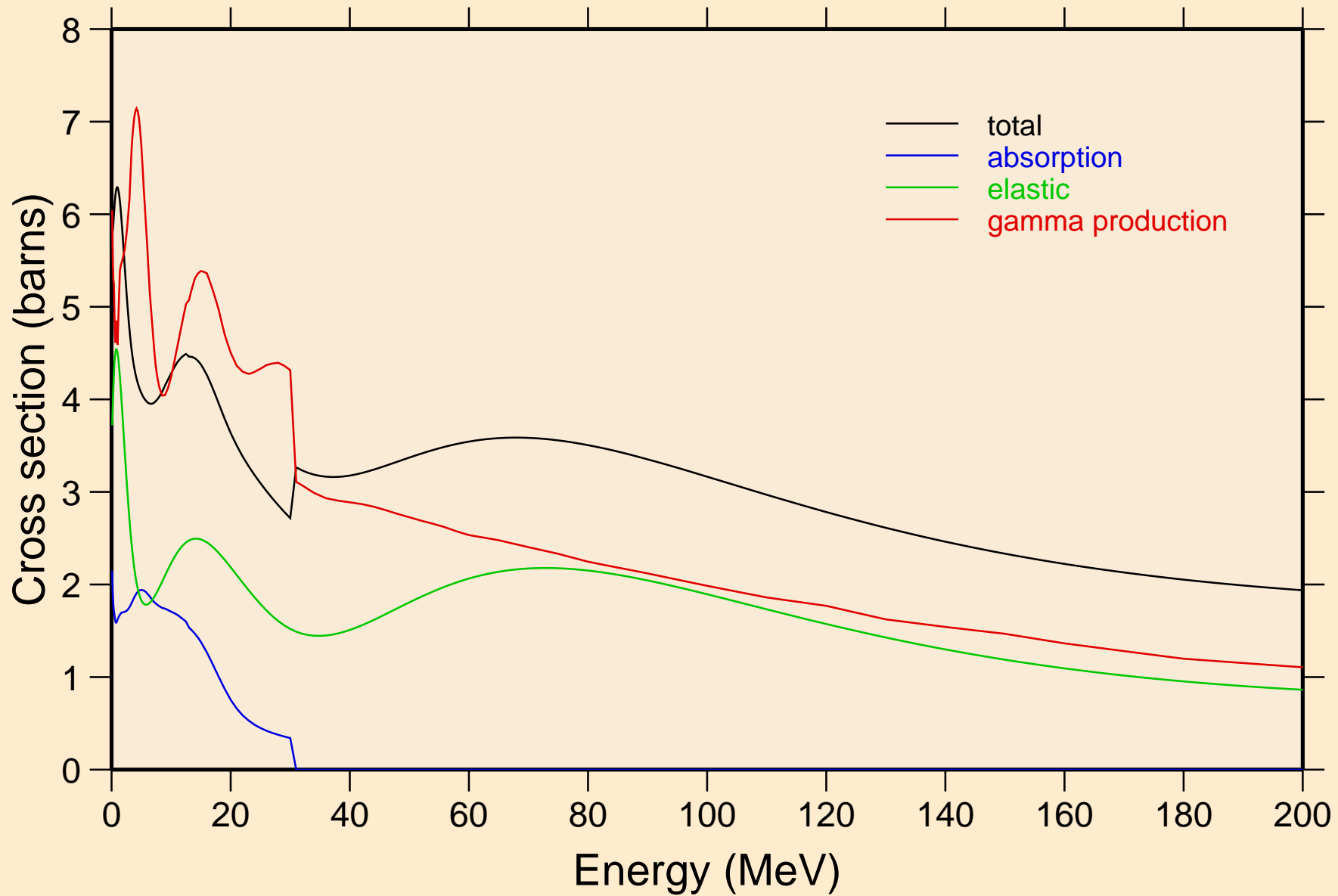


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

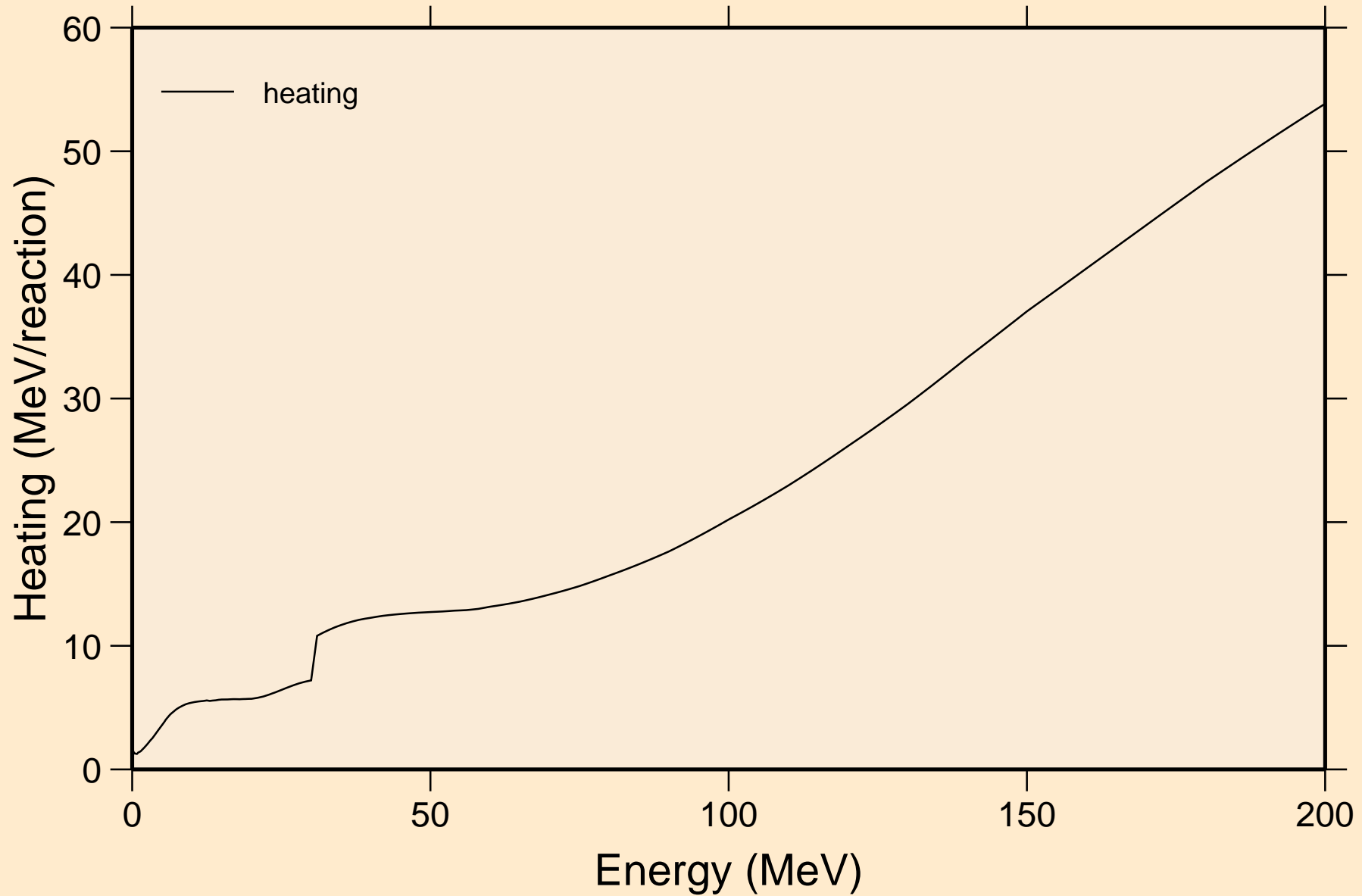
## Principal cross sections





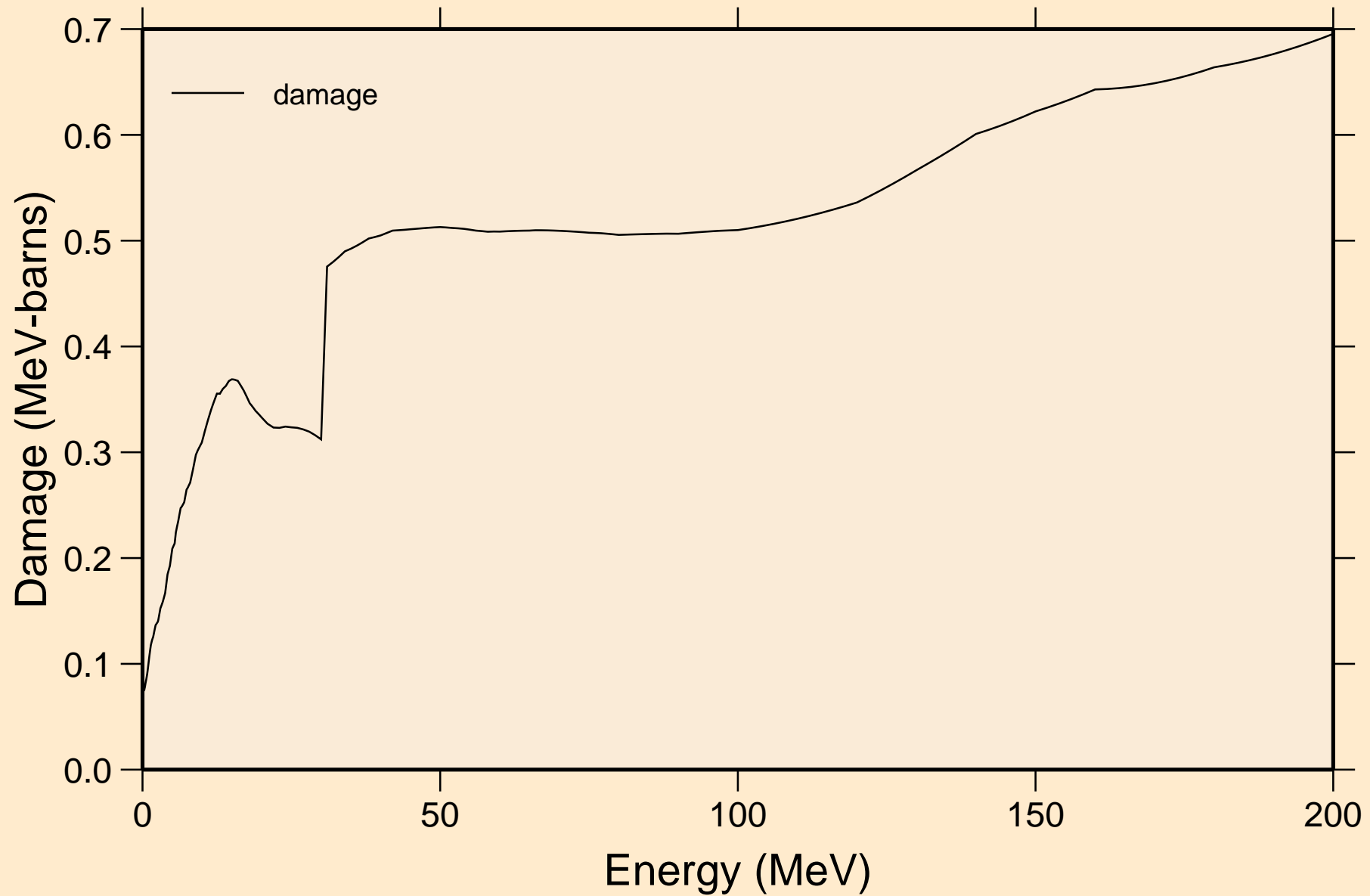
# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

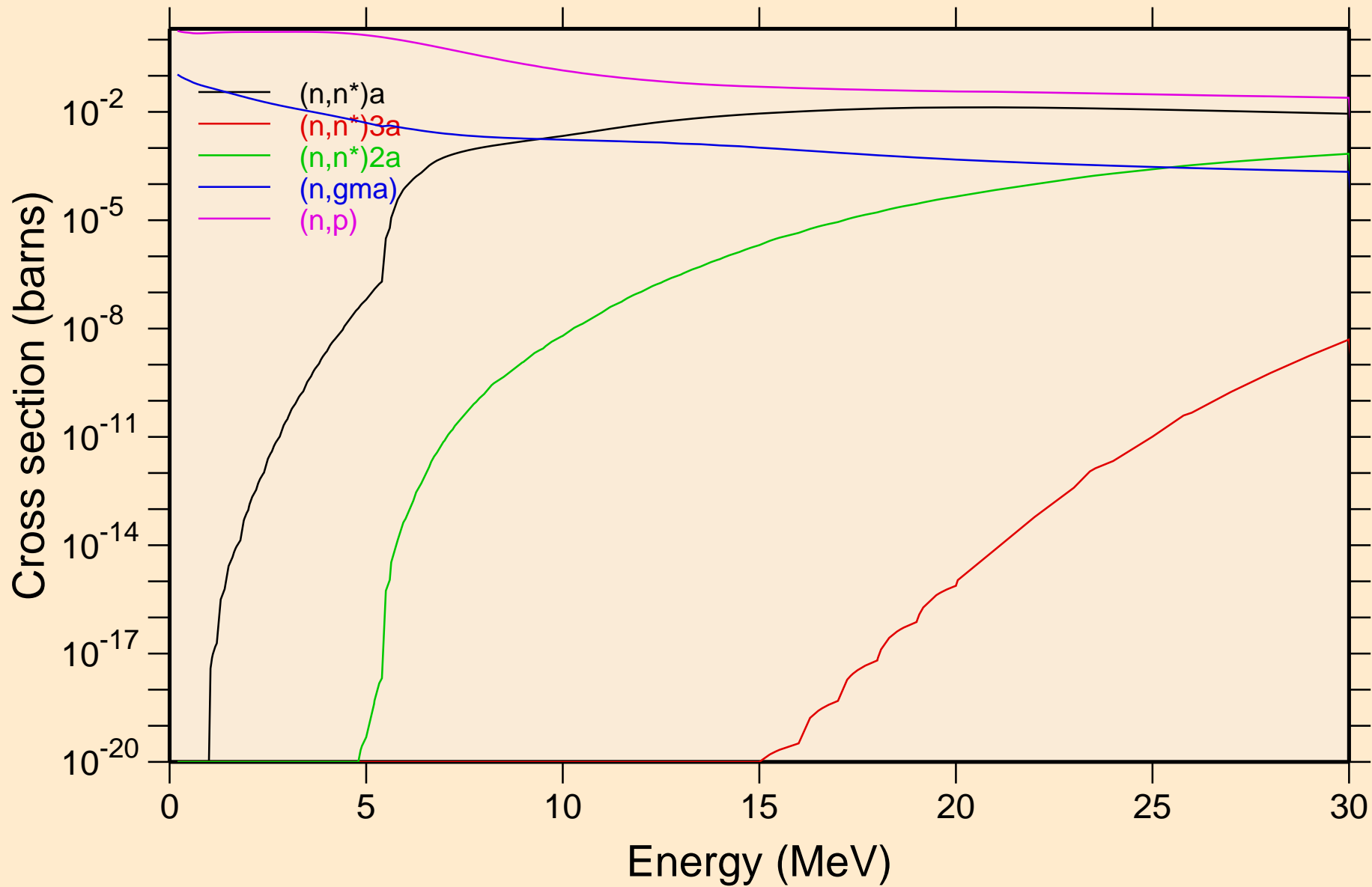


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

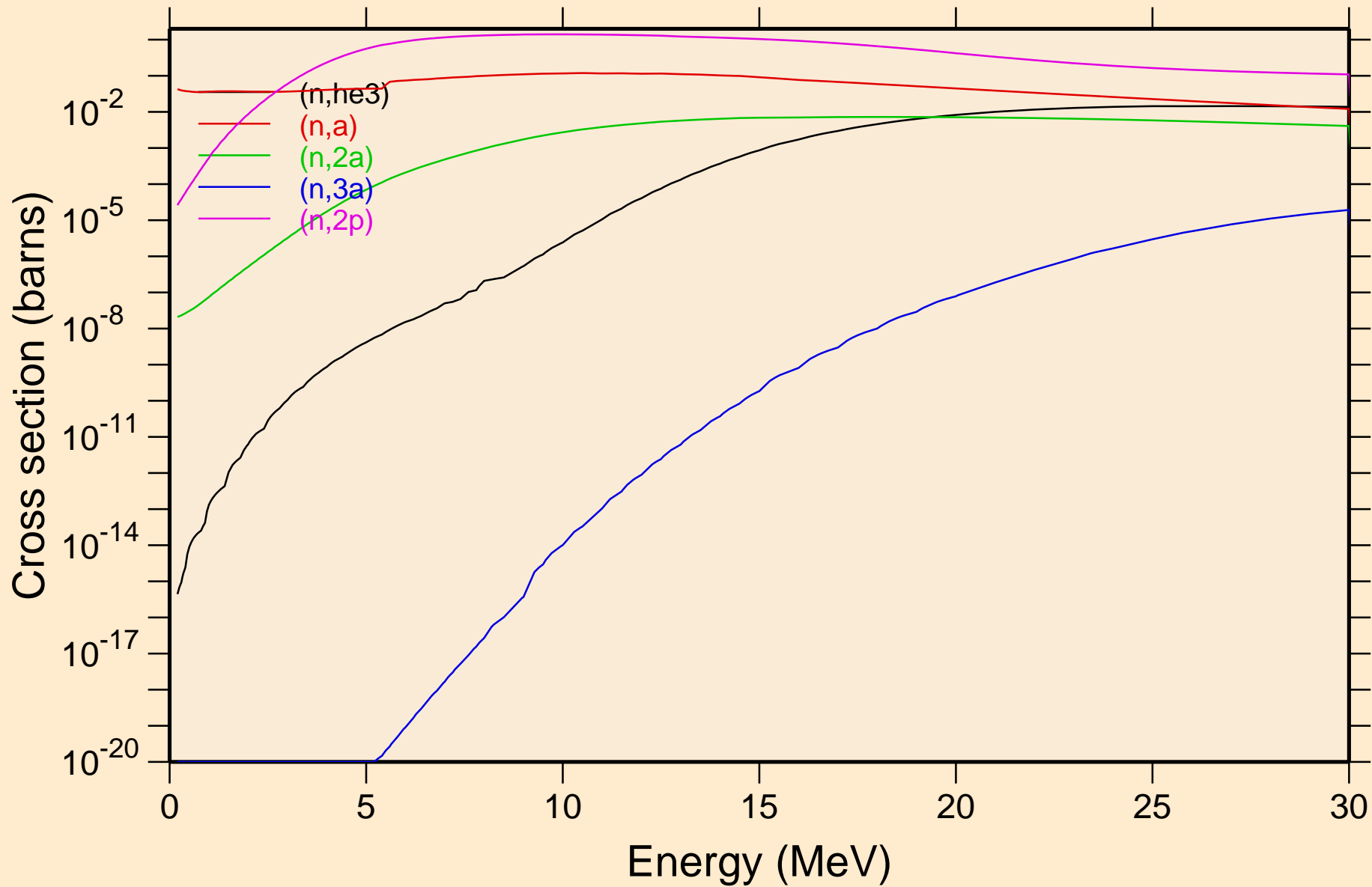
## Damage



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

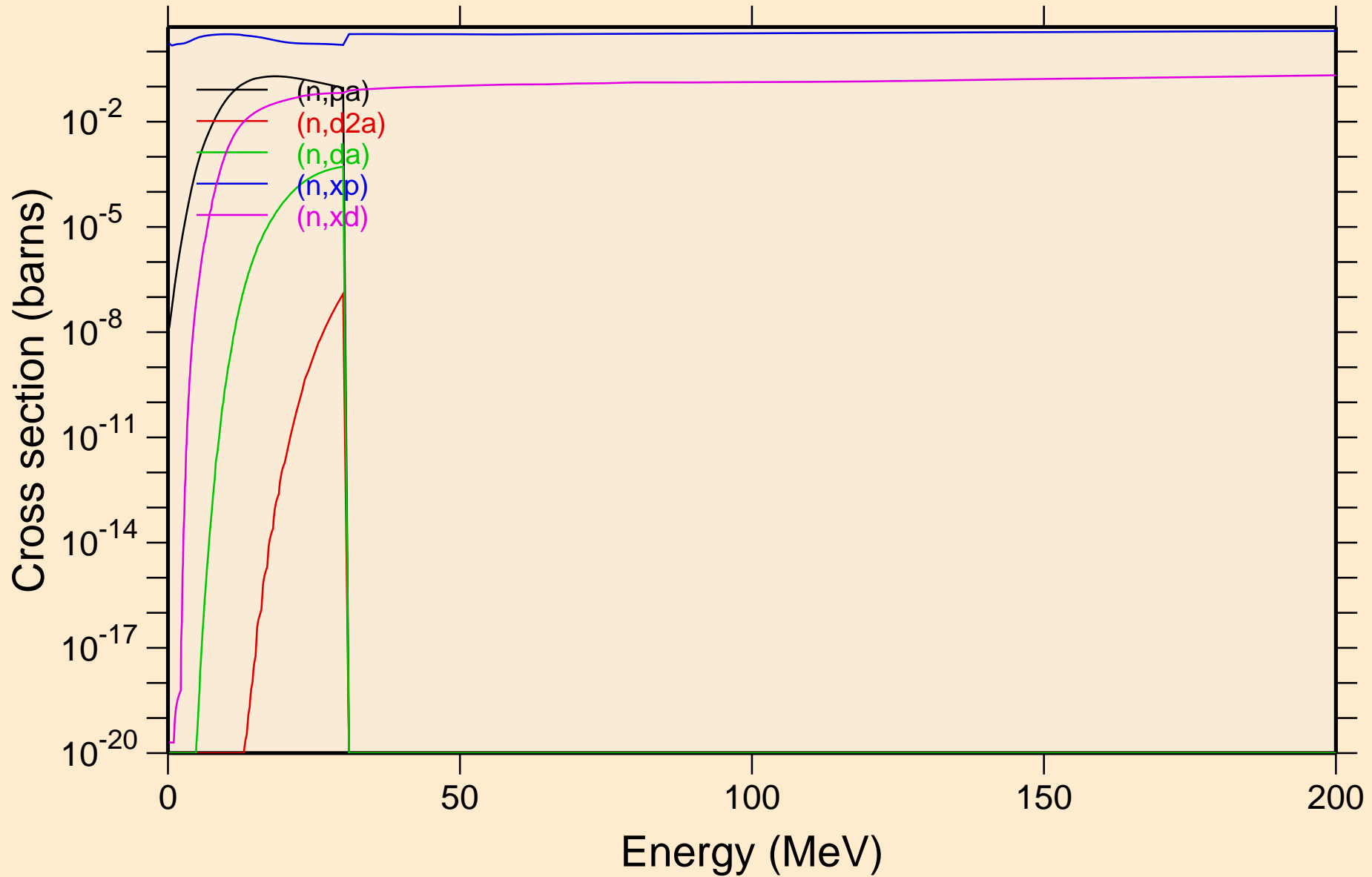


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

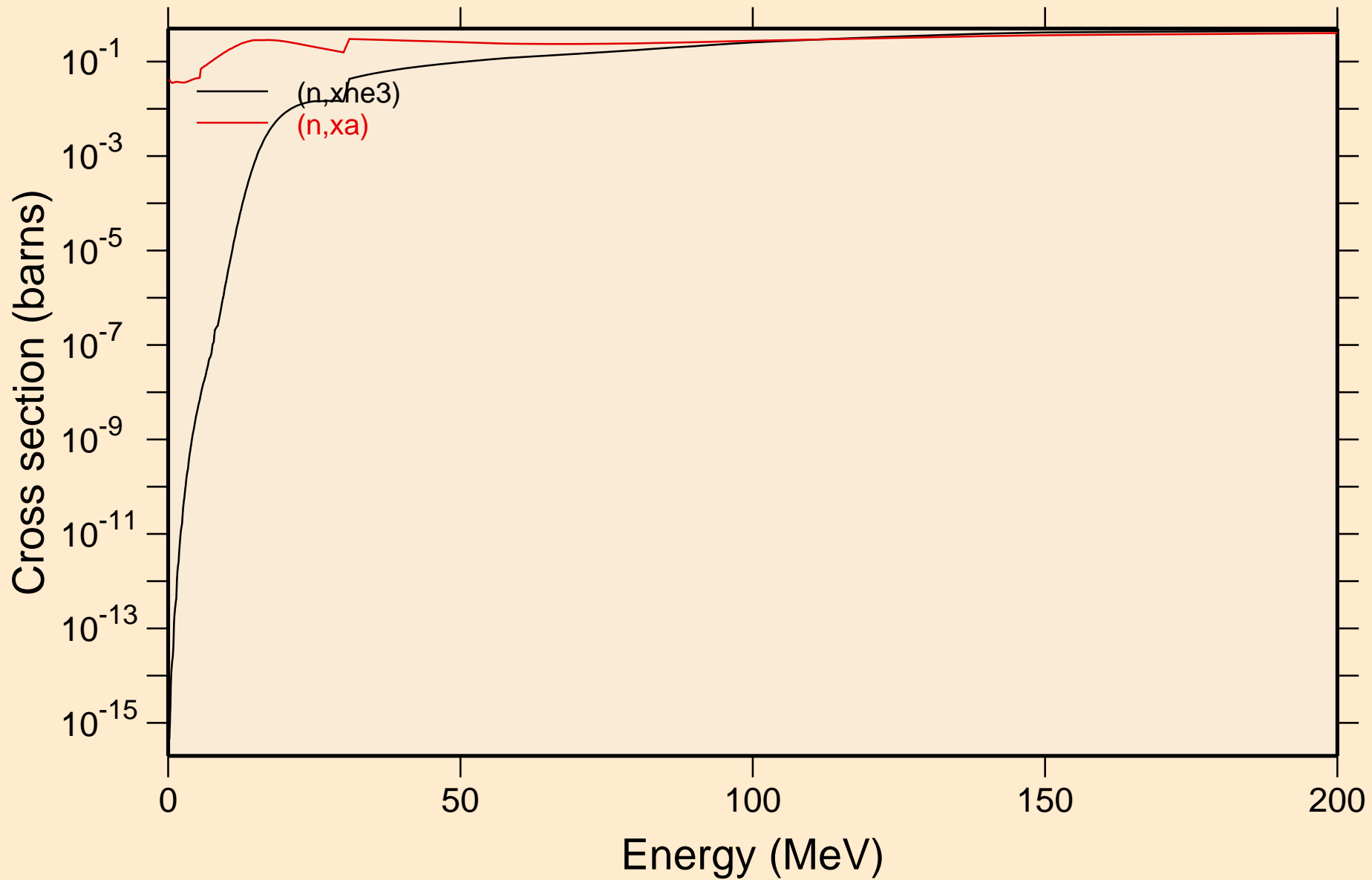


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

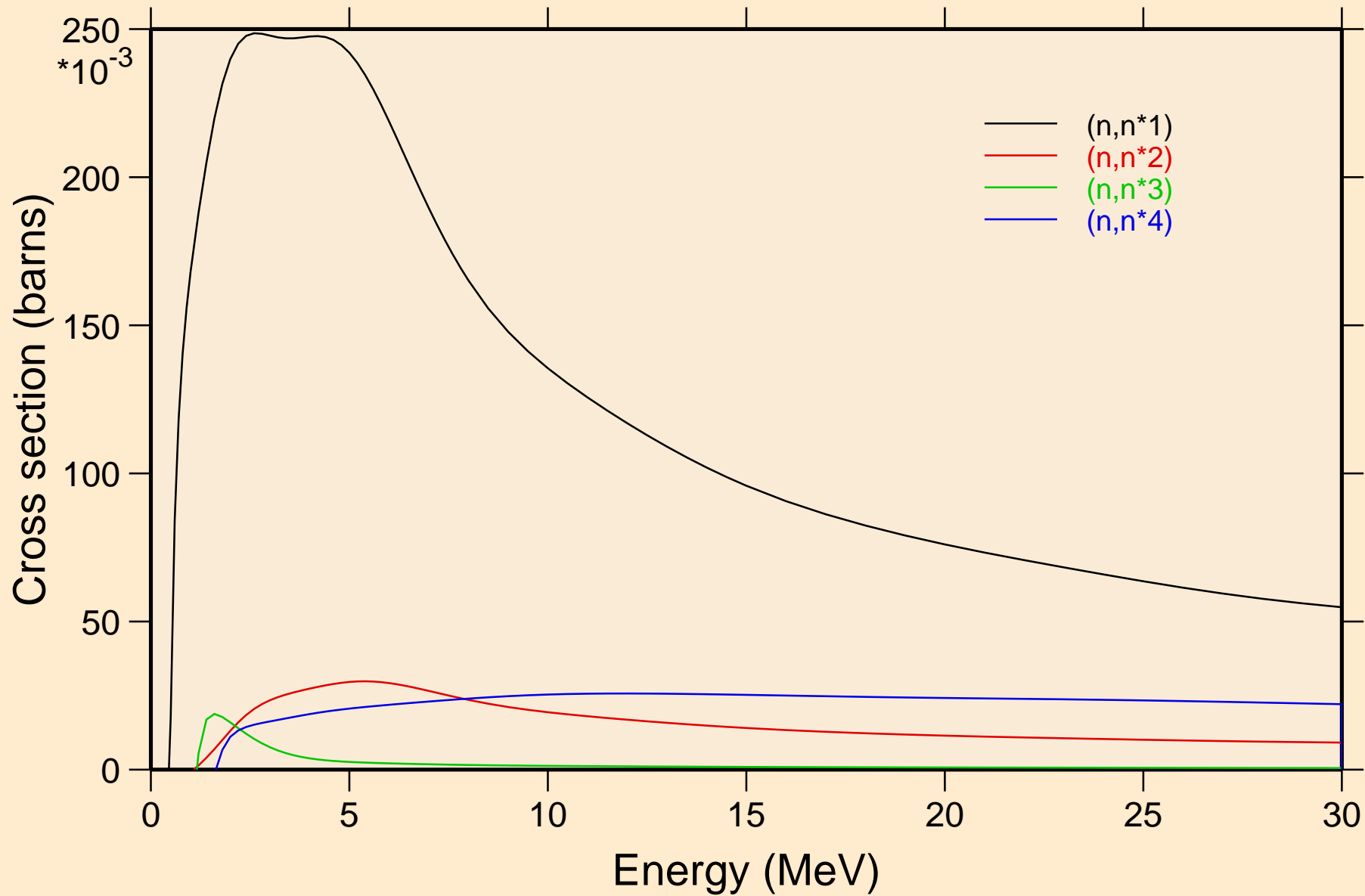
## Non-threshold reactions



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

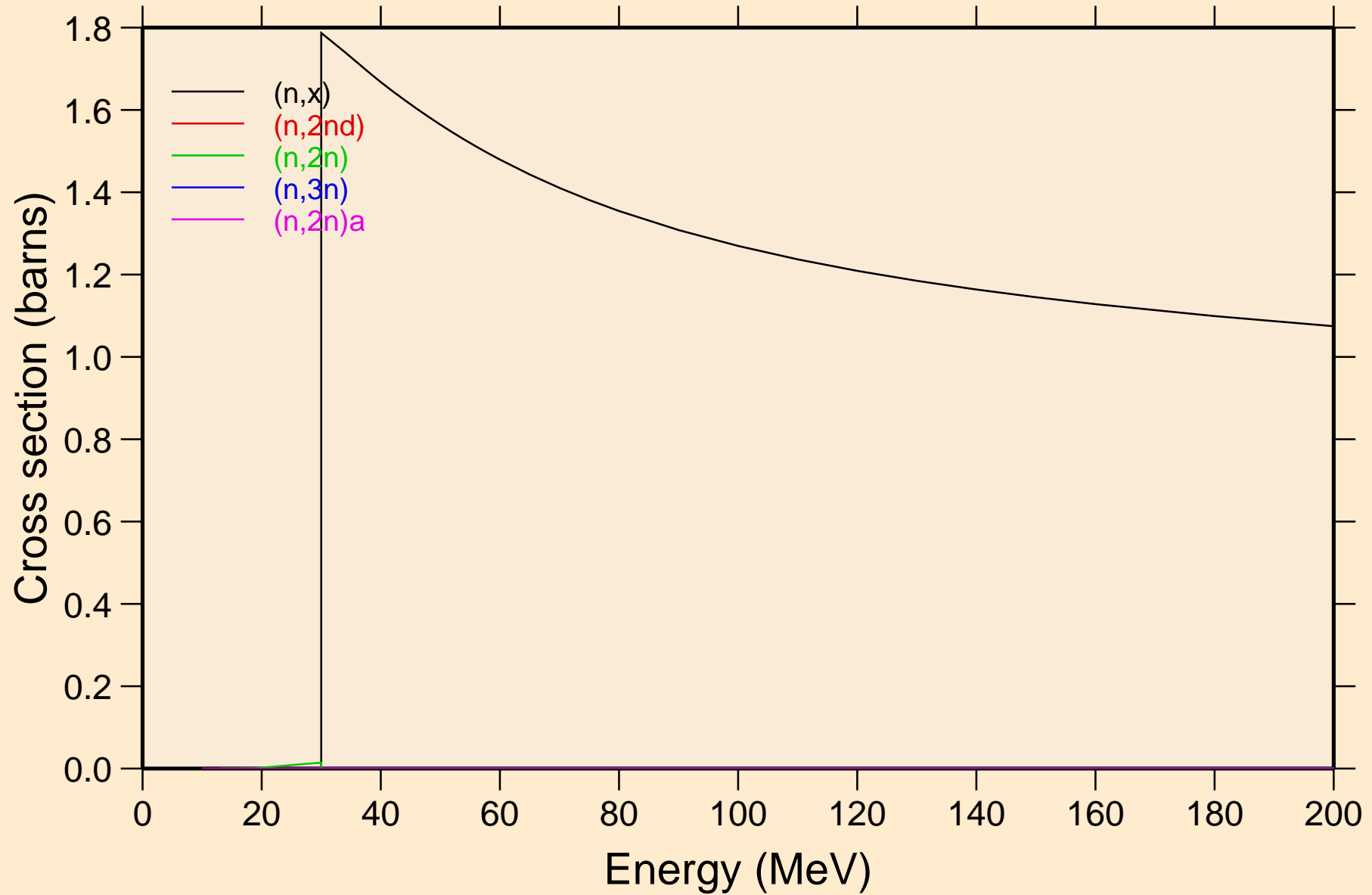


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



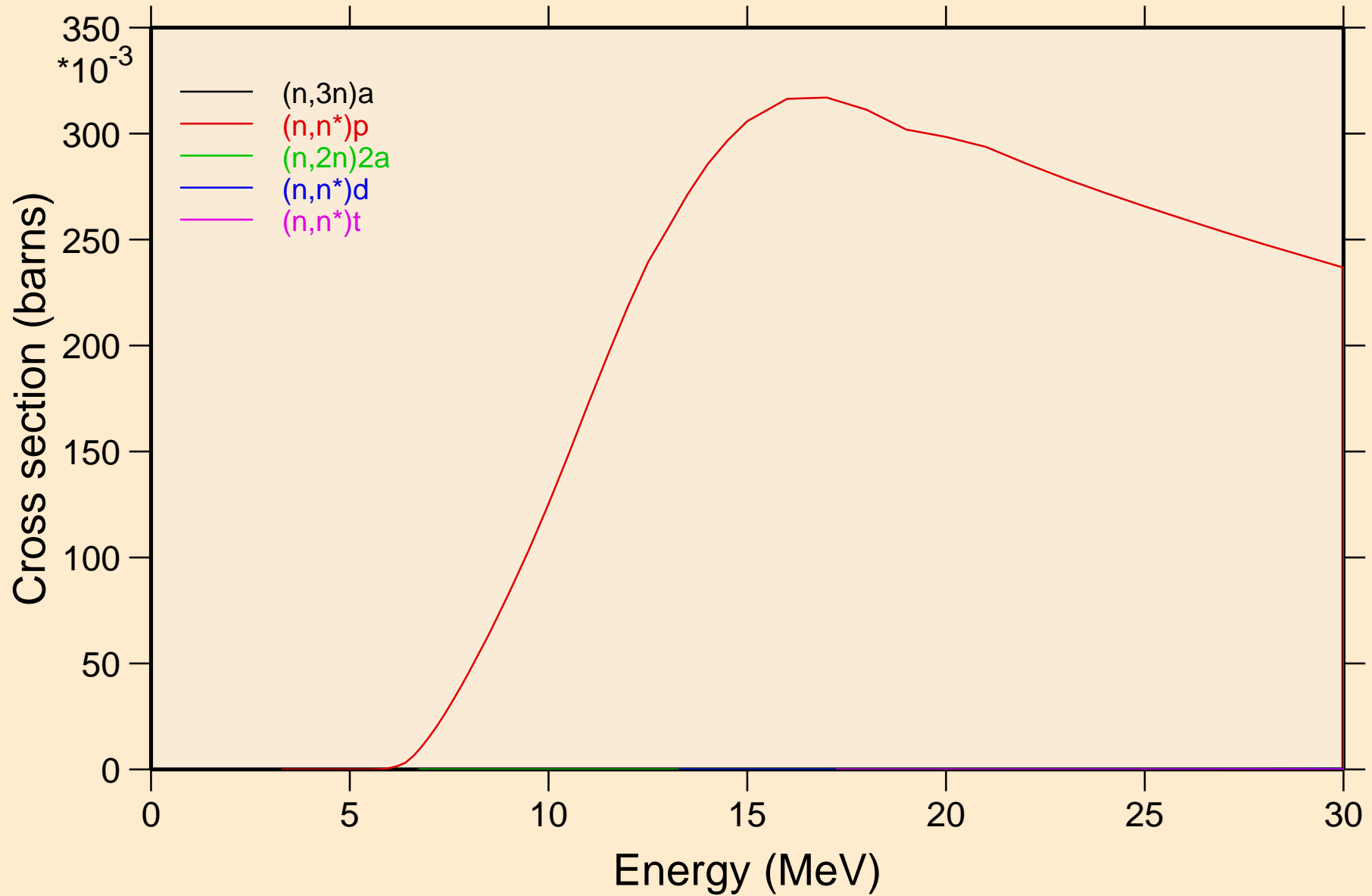
# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

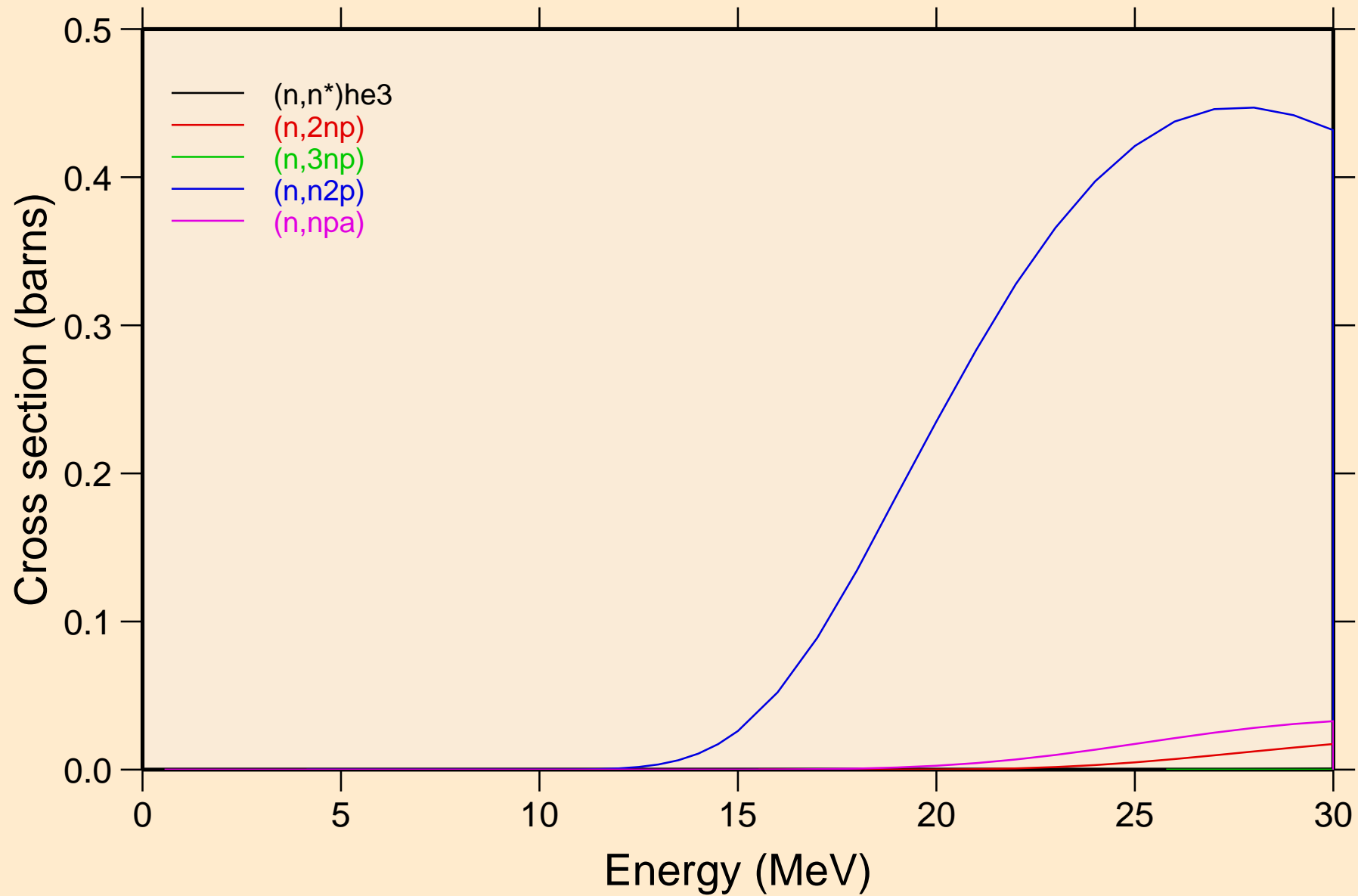




XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

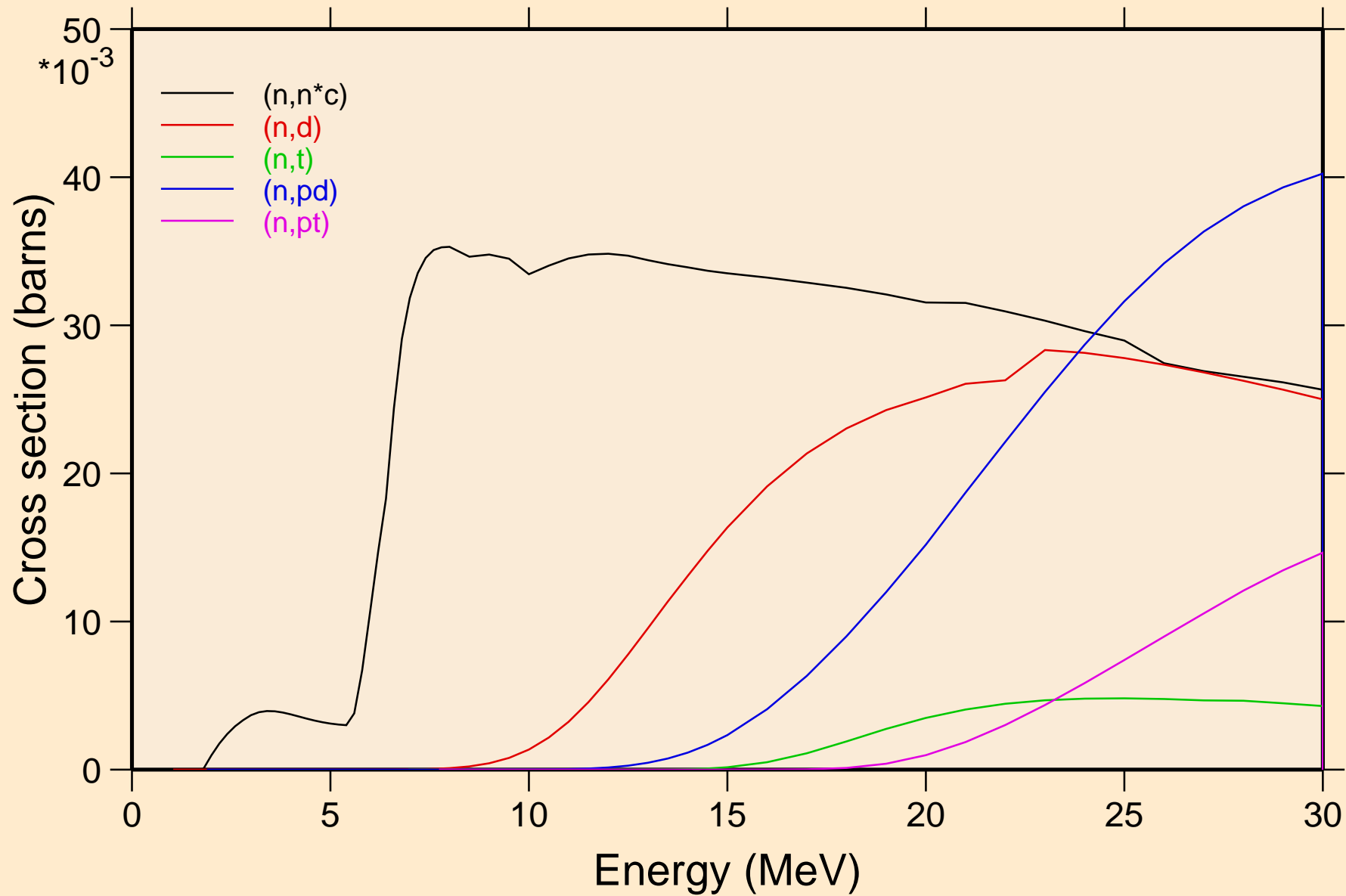


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

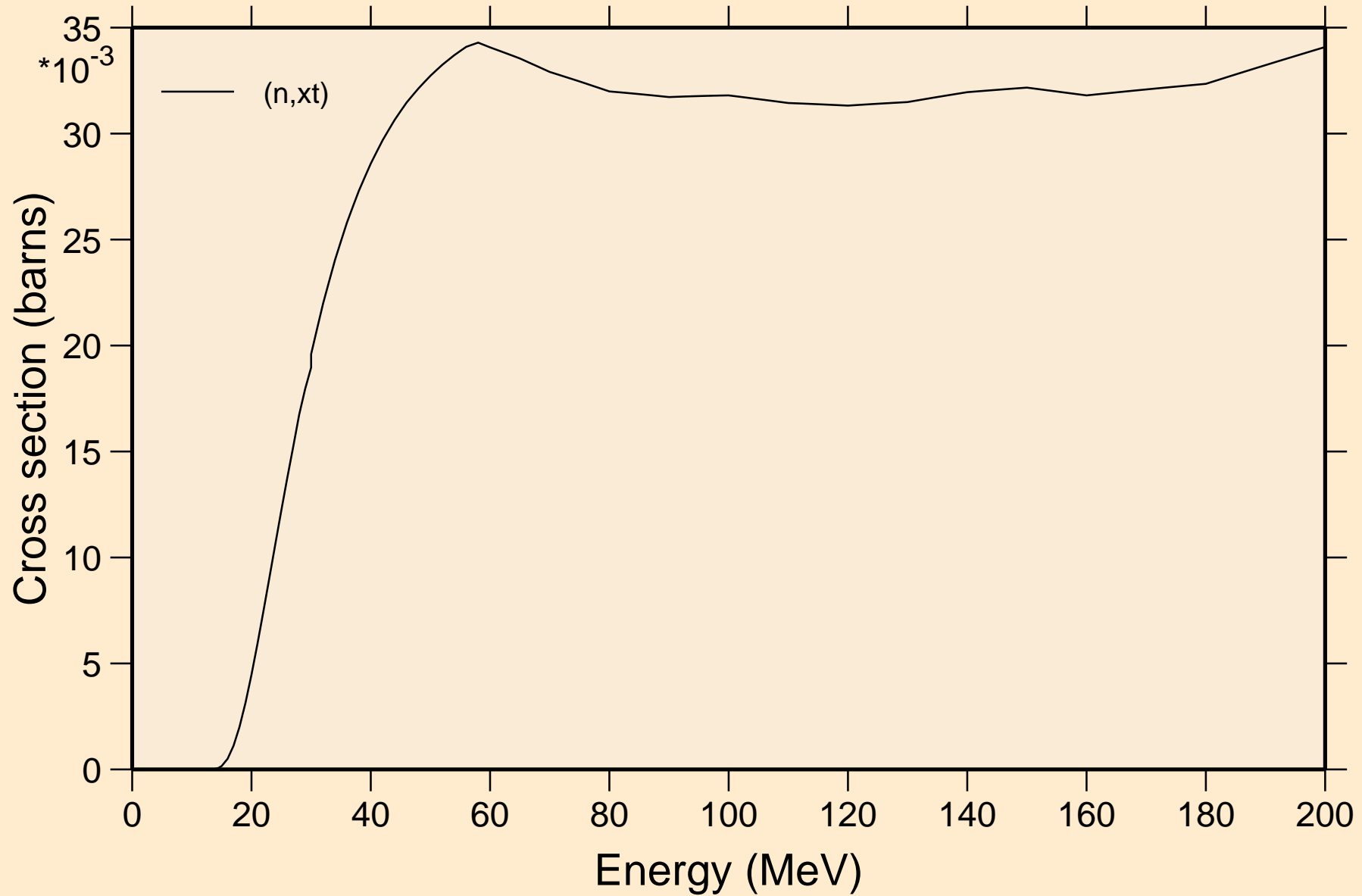


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

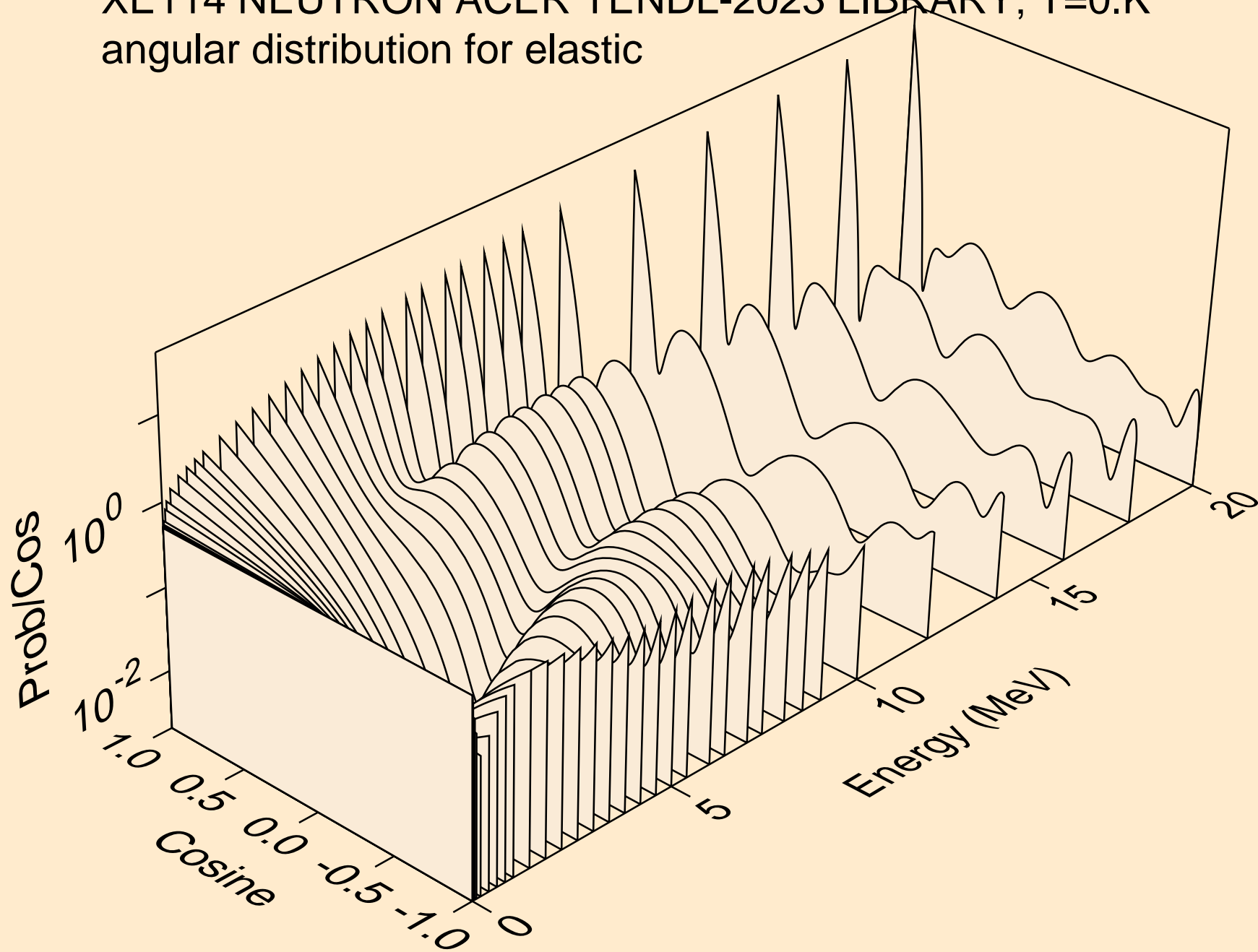
## Threshold reactions



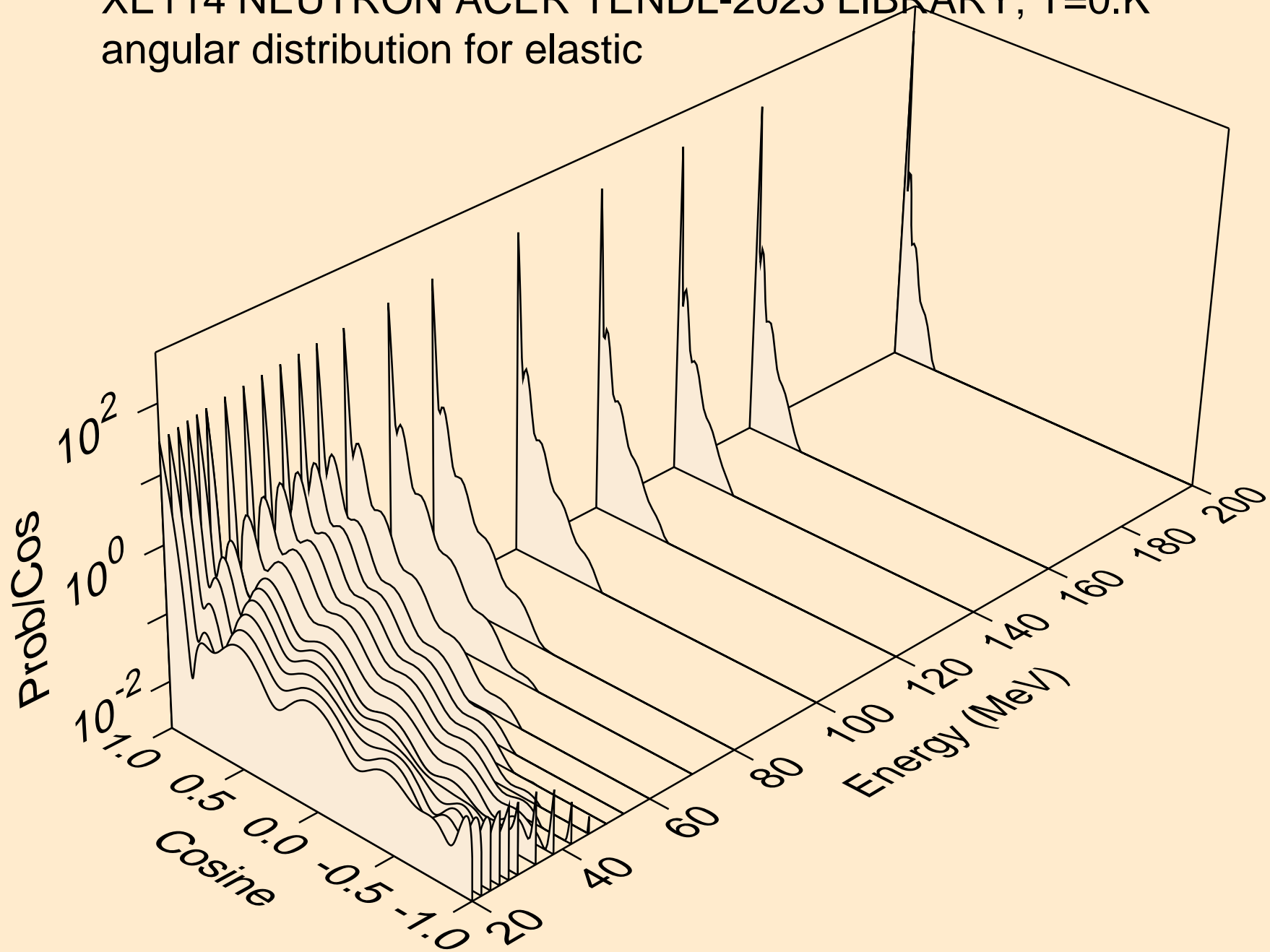
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



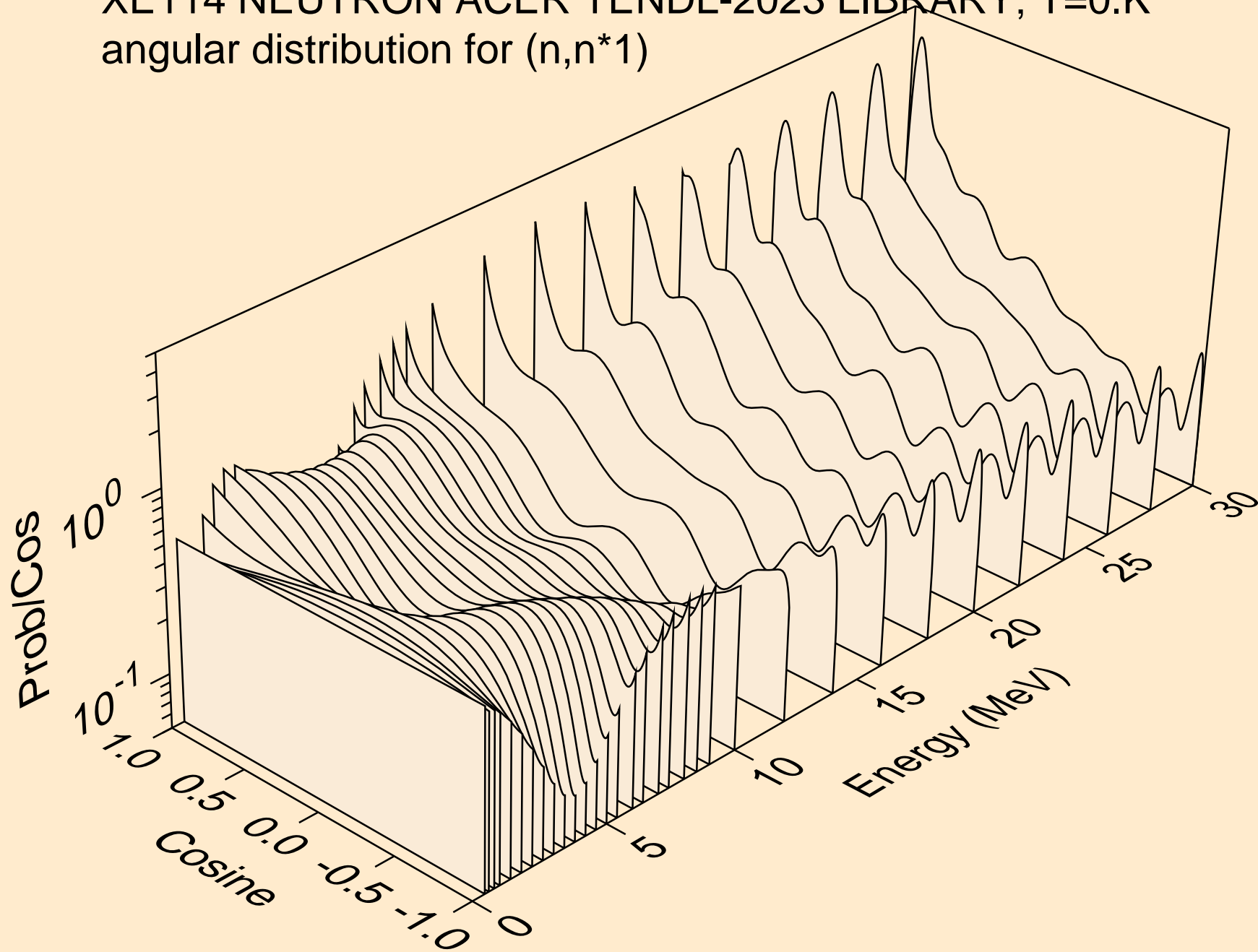
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



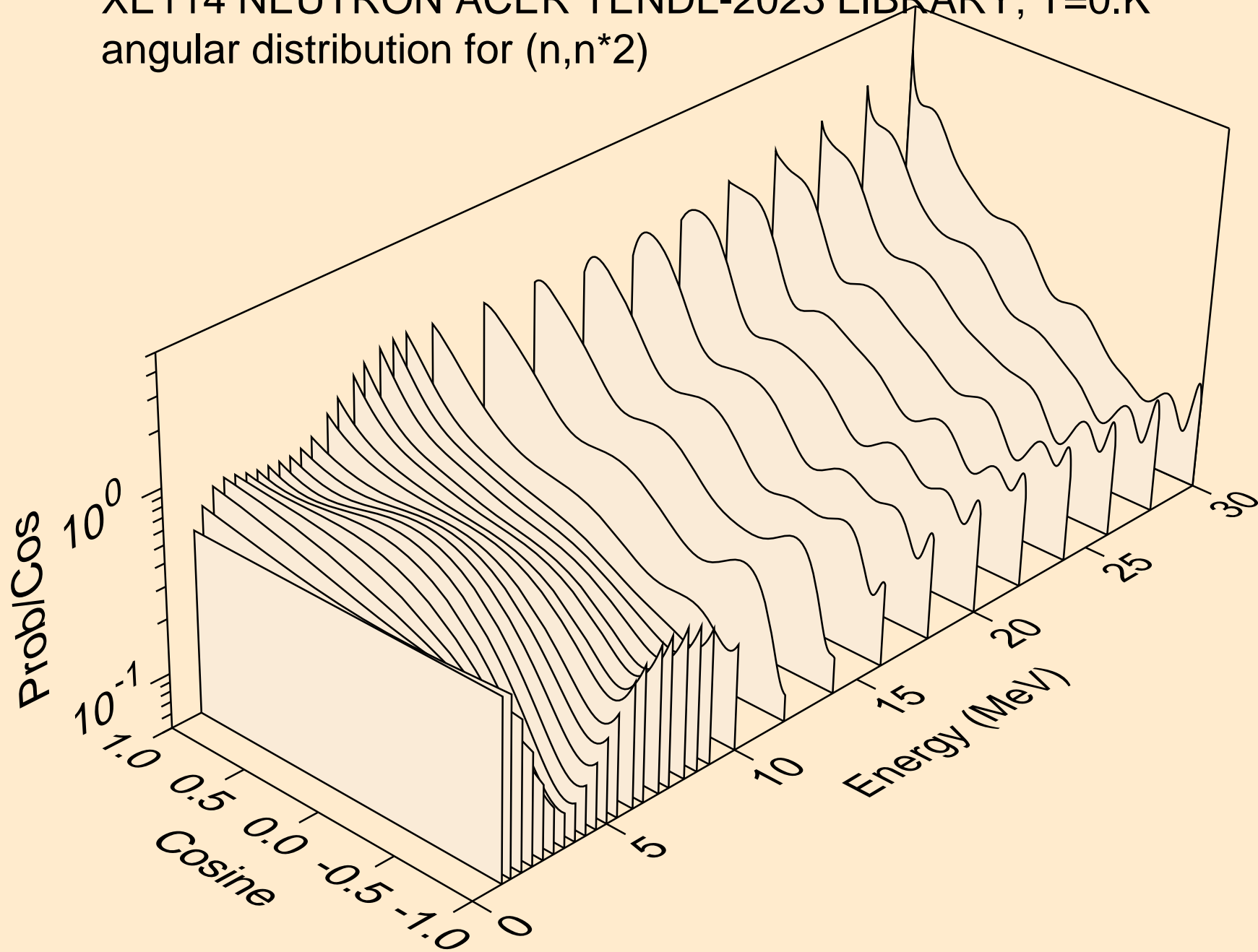
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

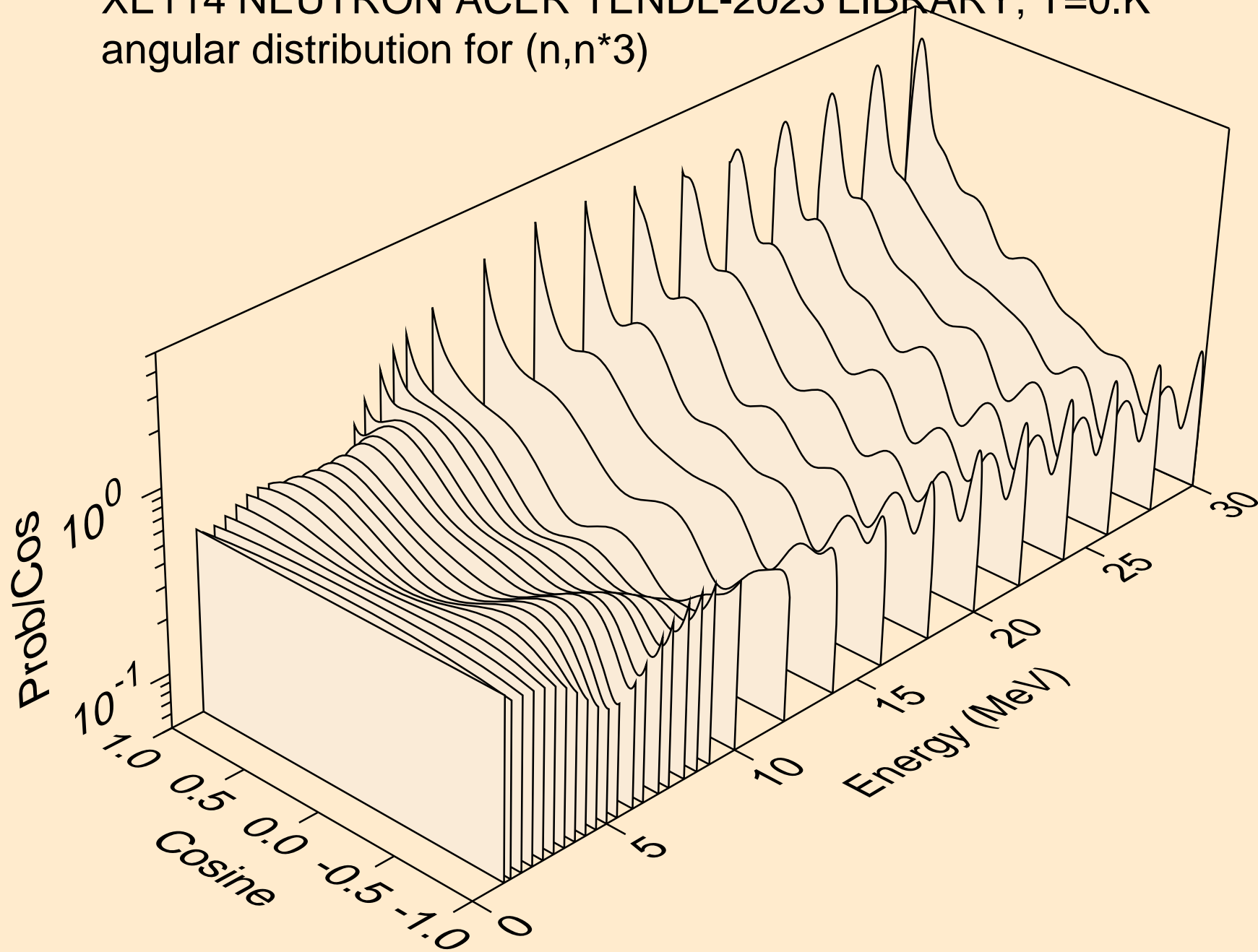


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

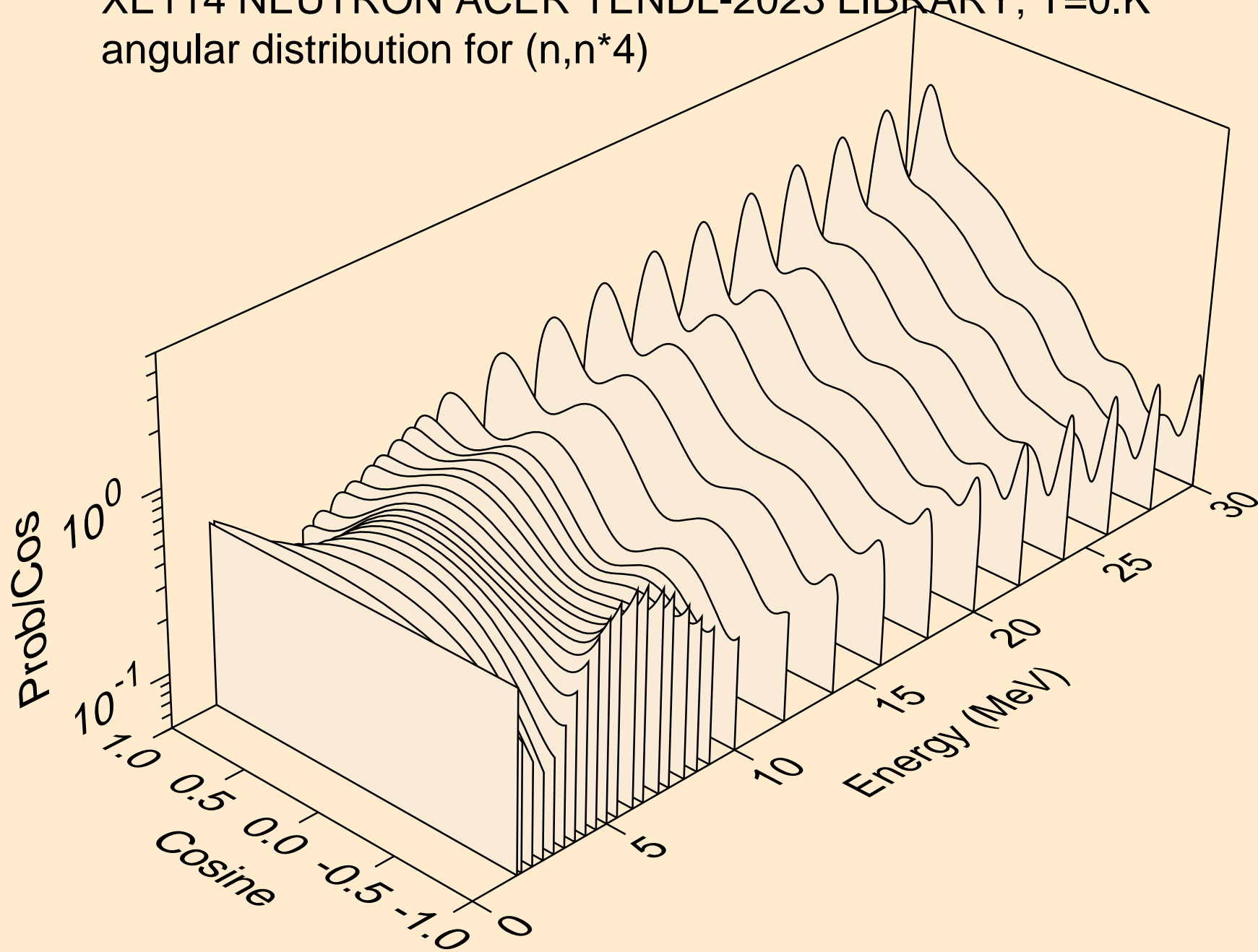




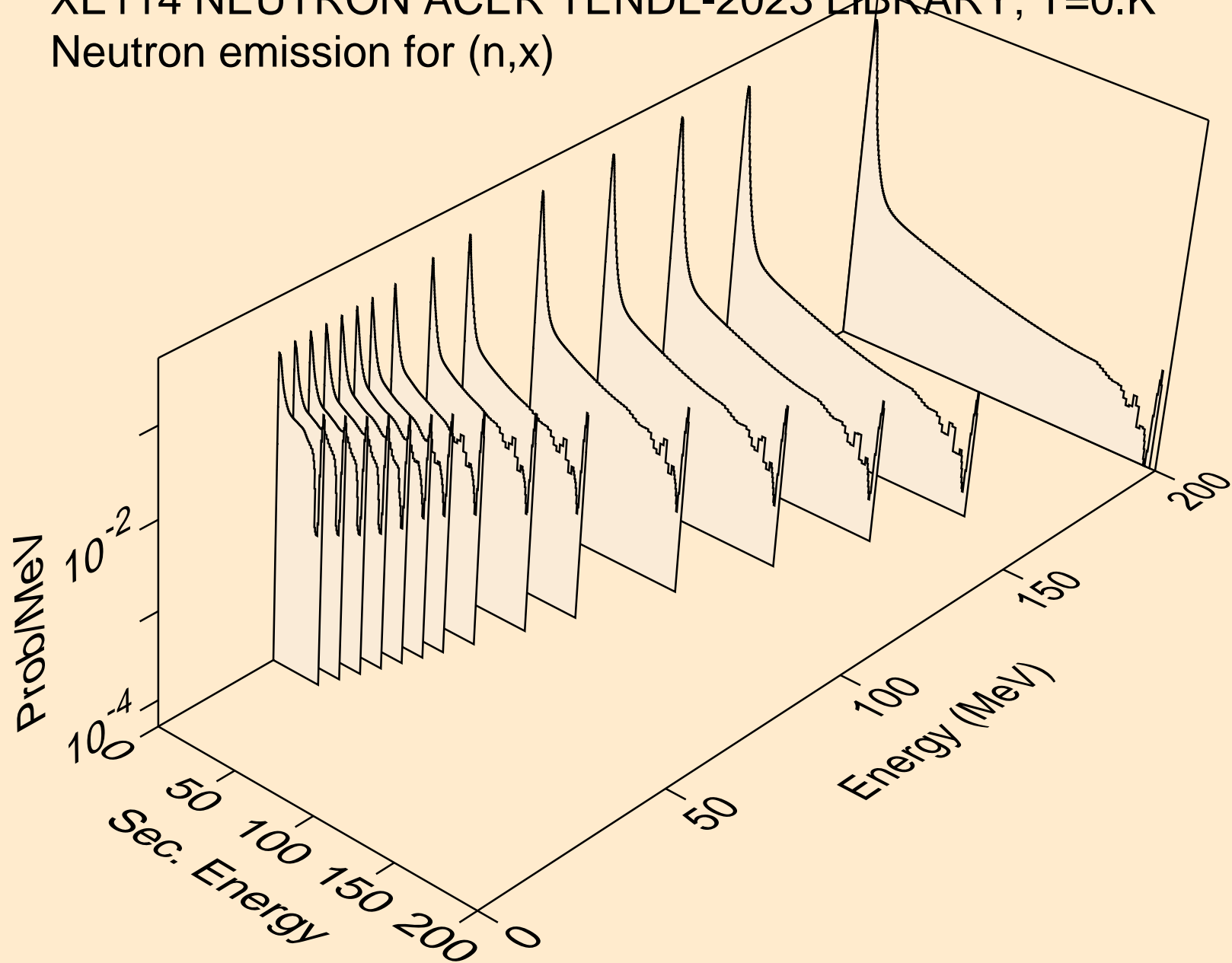
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



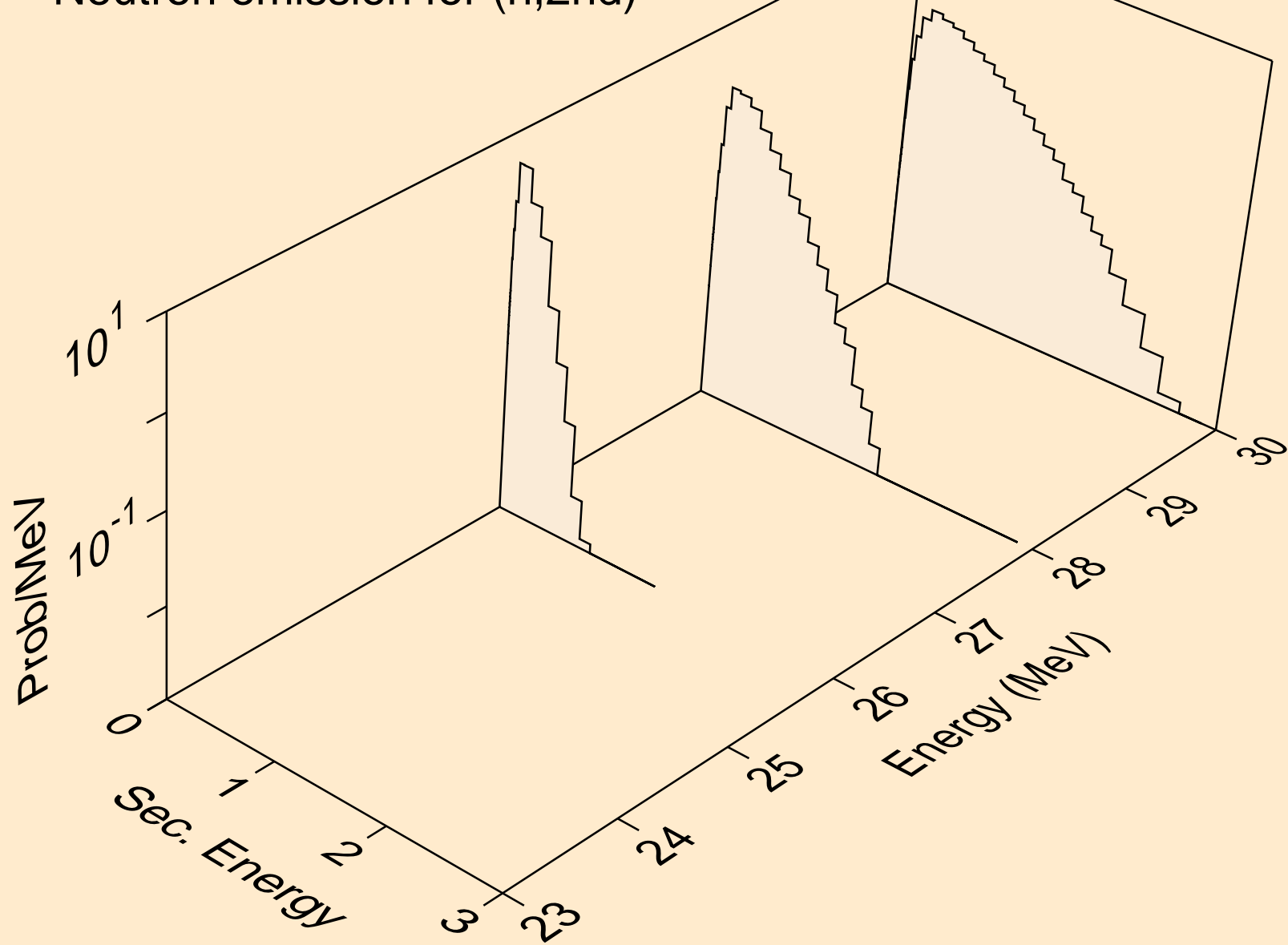
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angular distribution for (n,n\*4)



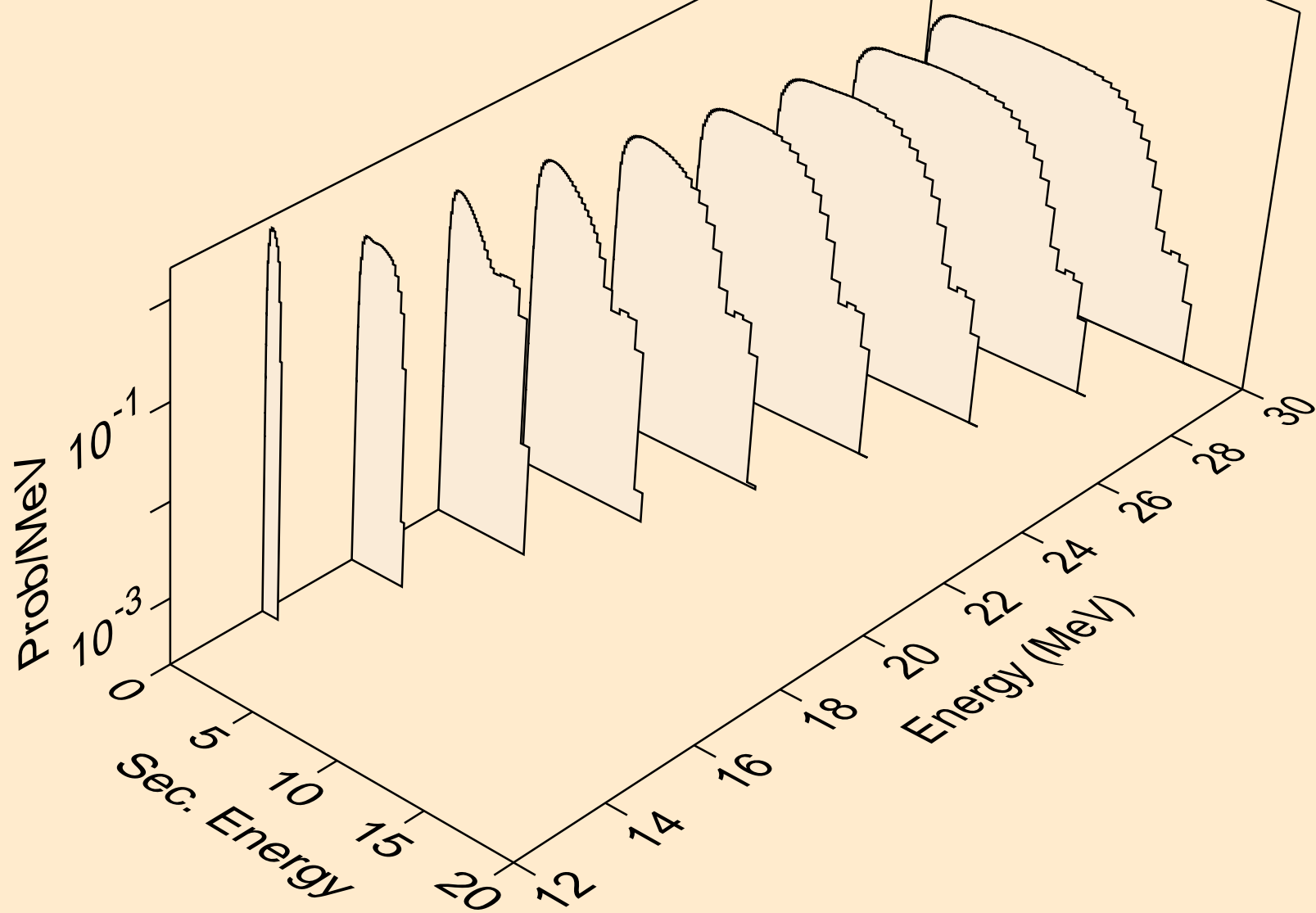
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



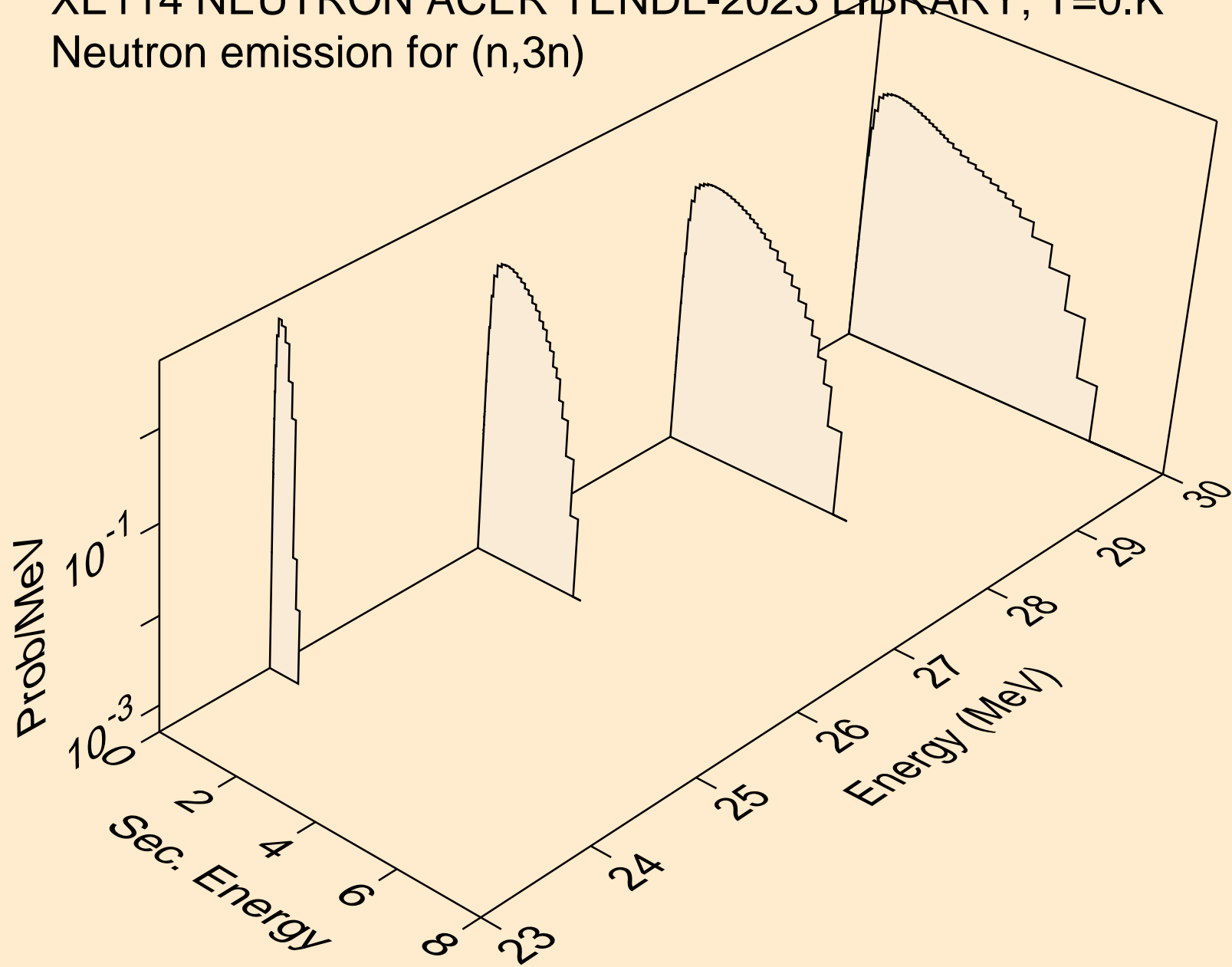
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



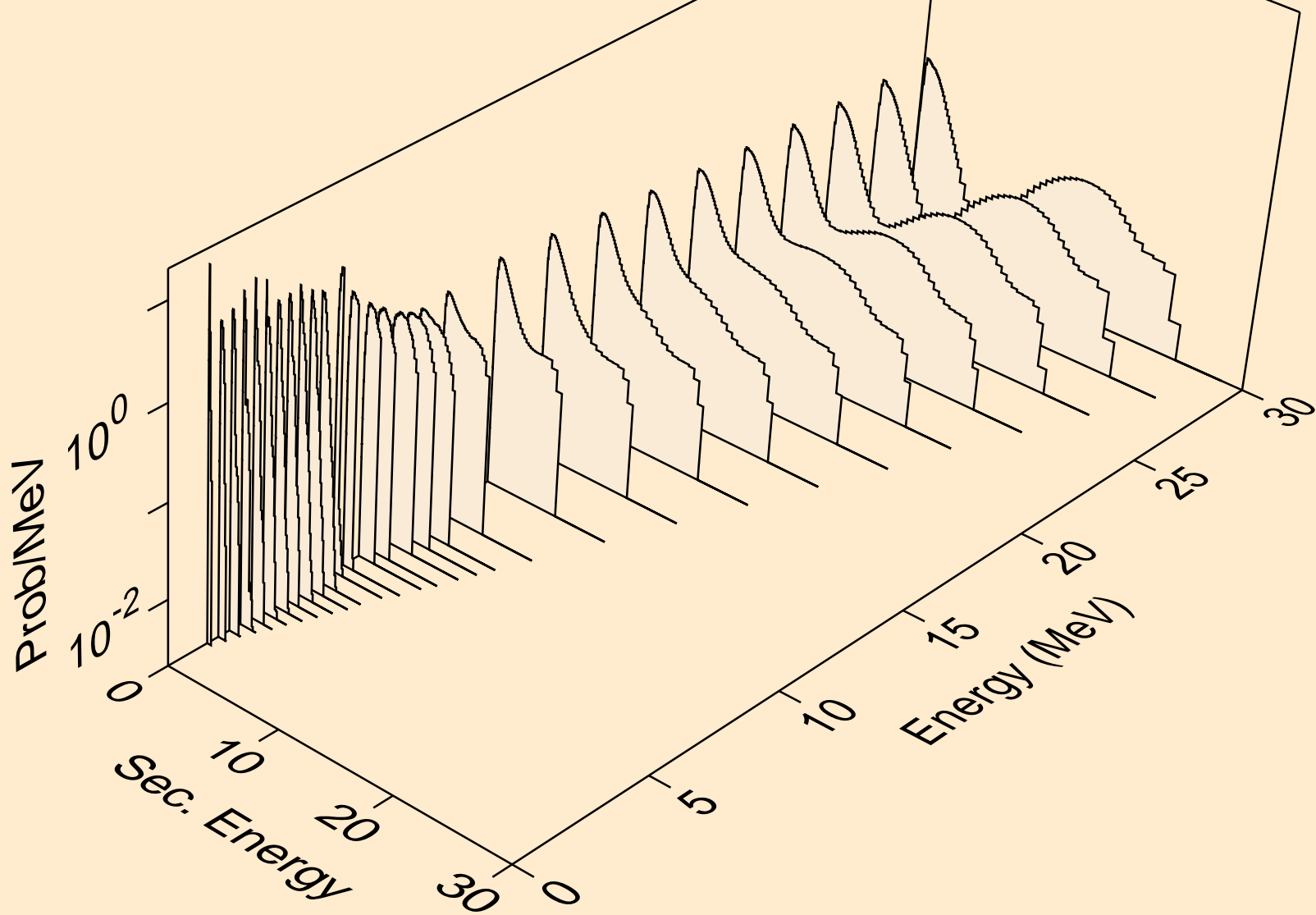
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



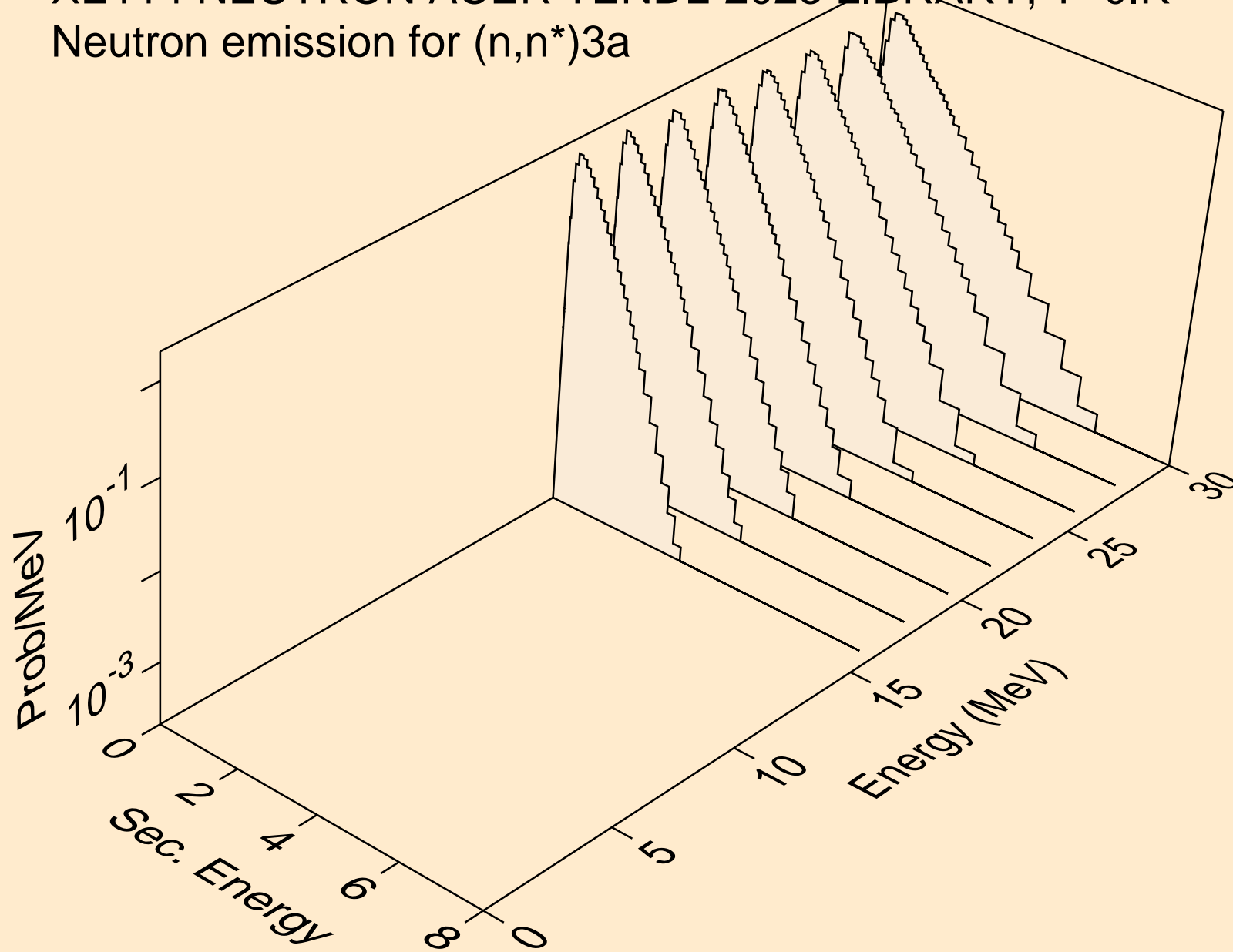
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

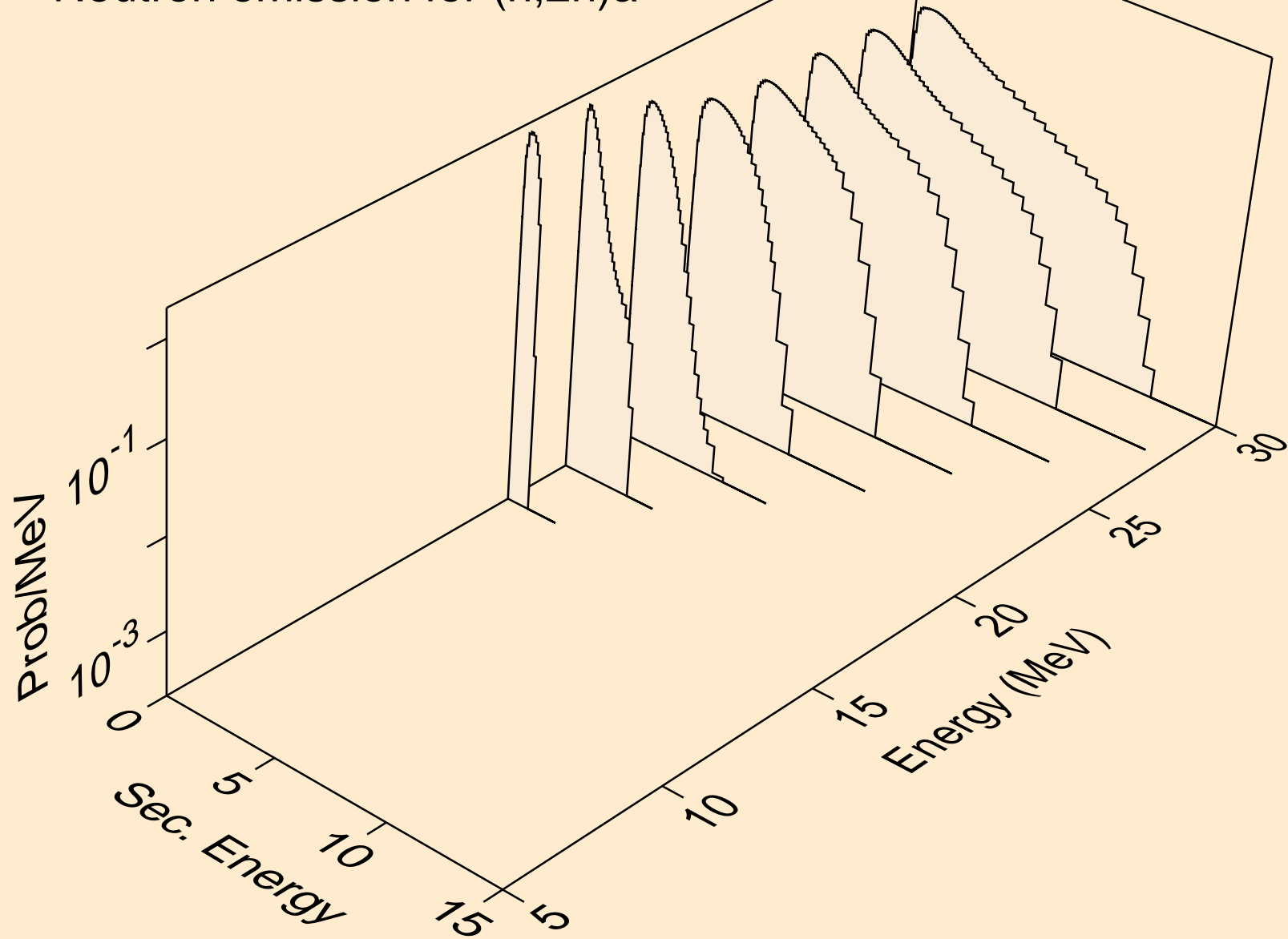


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a

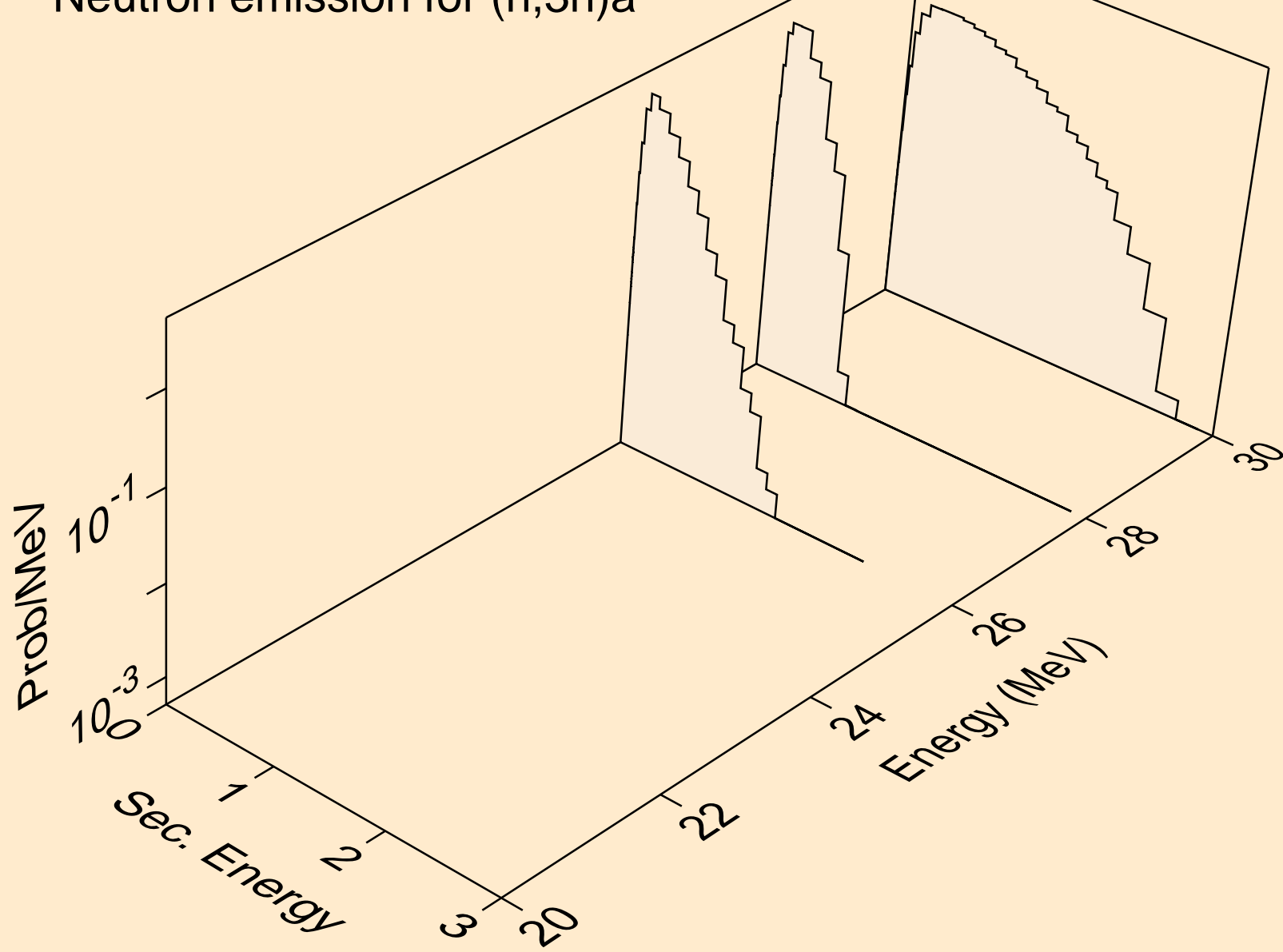




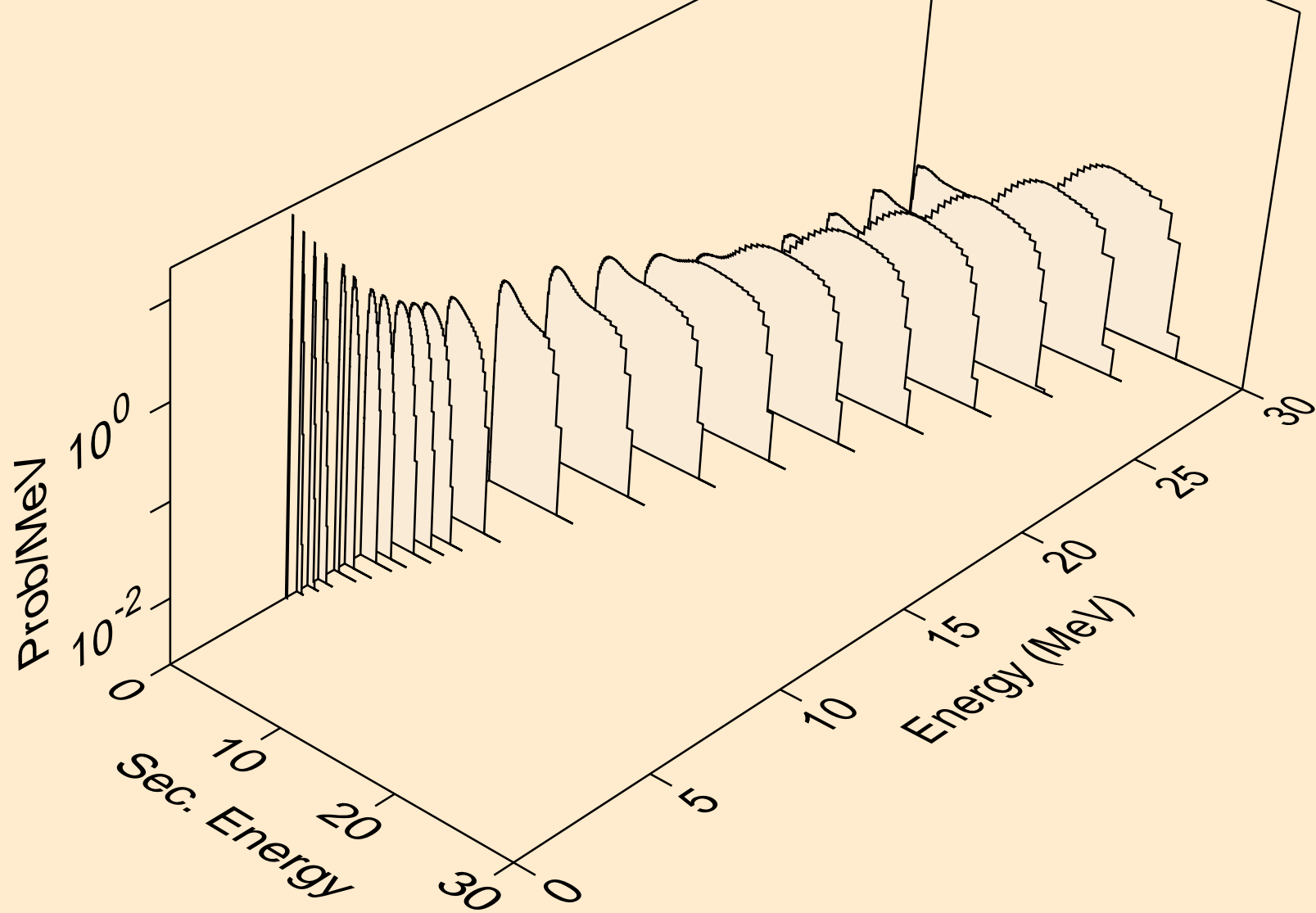
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



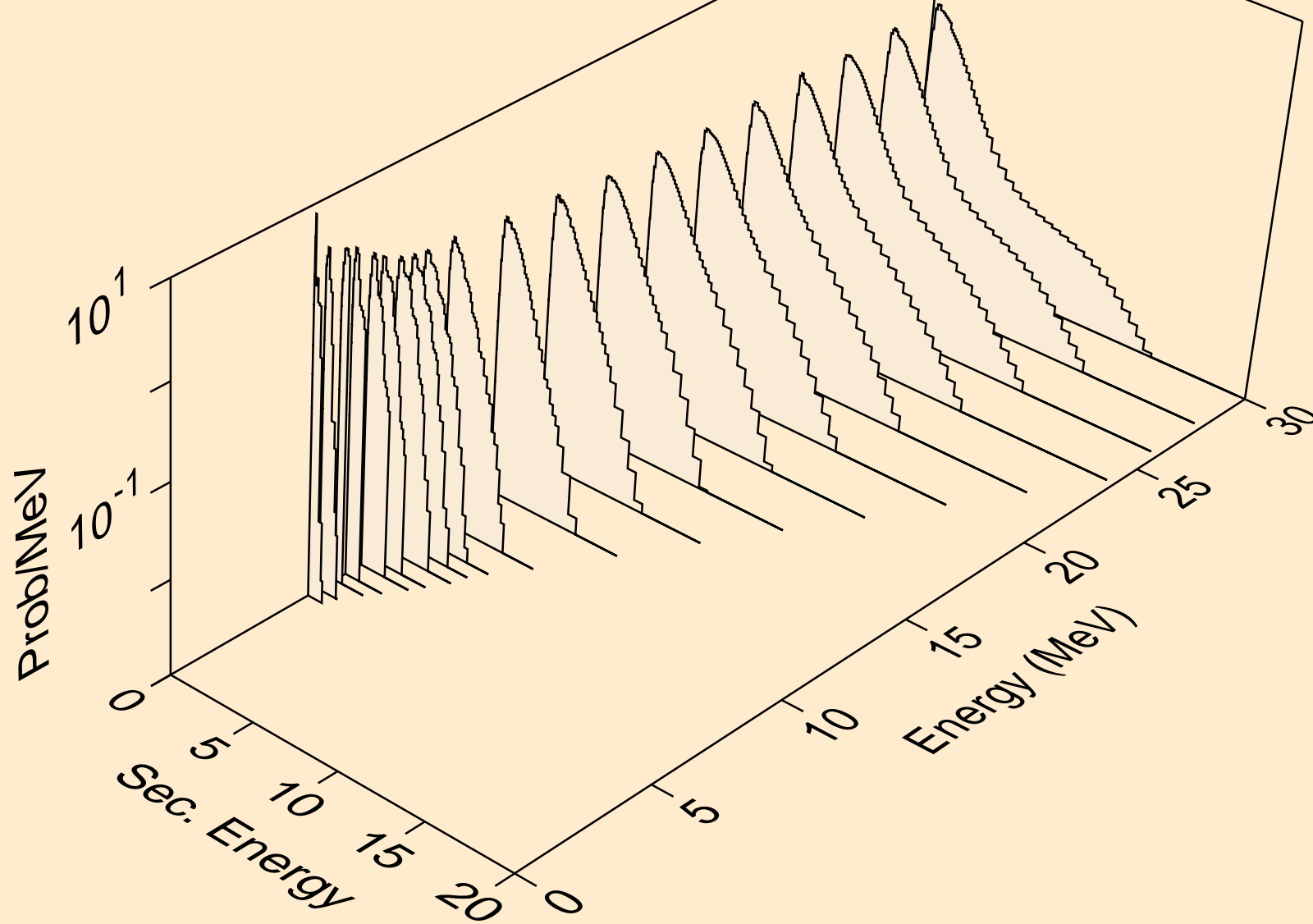
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



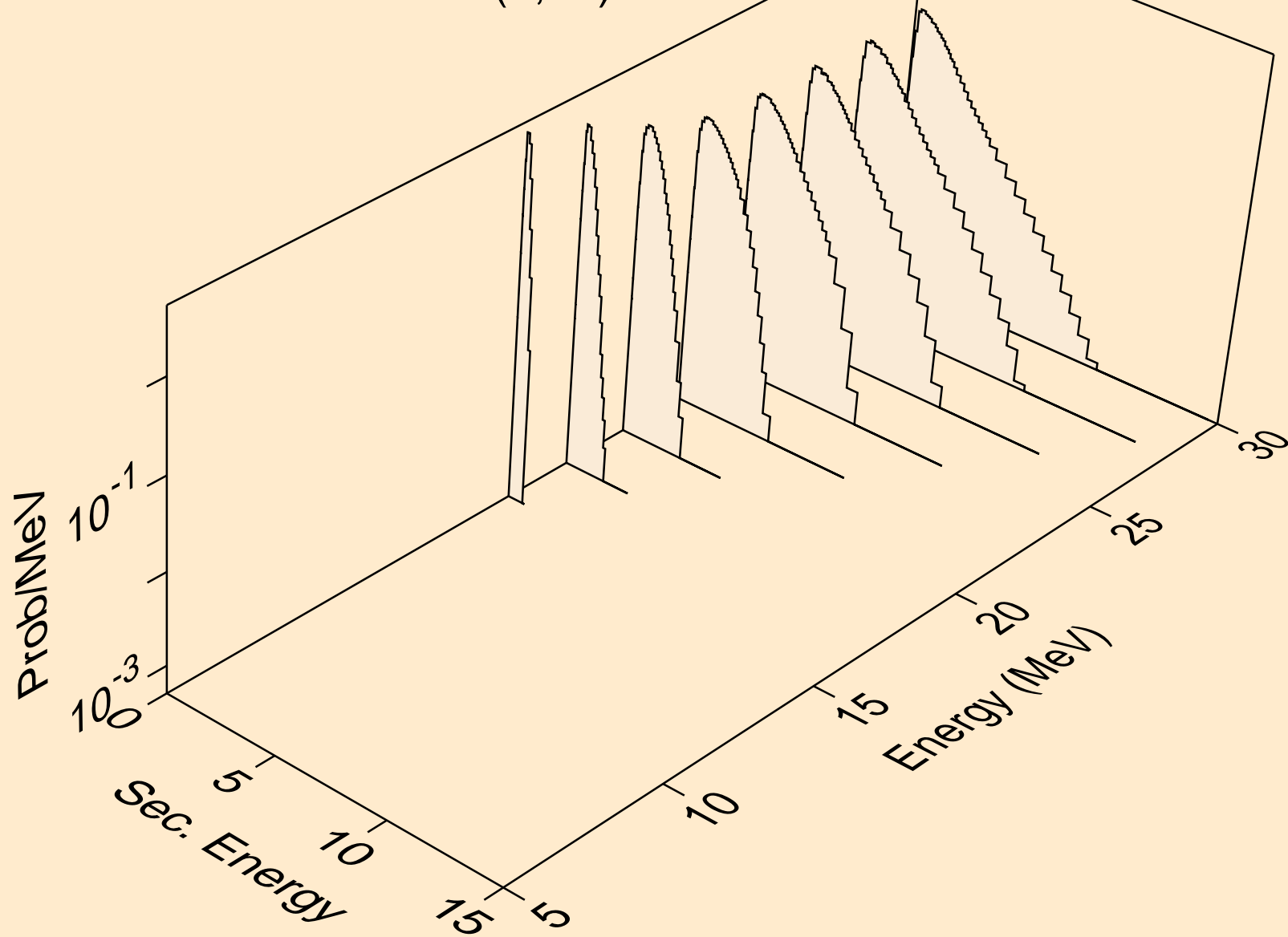
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



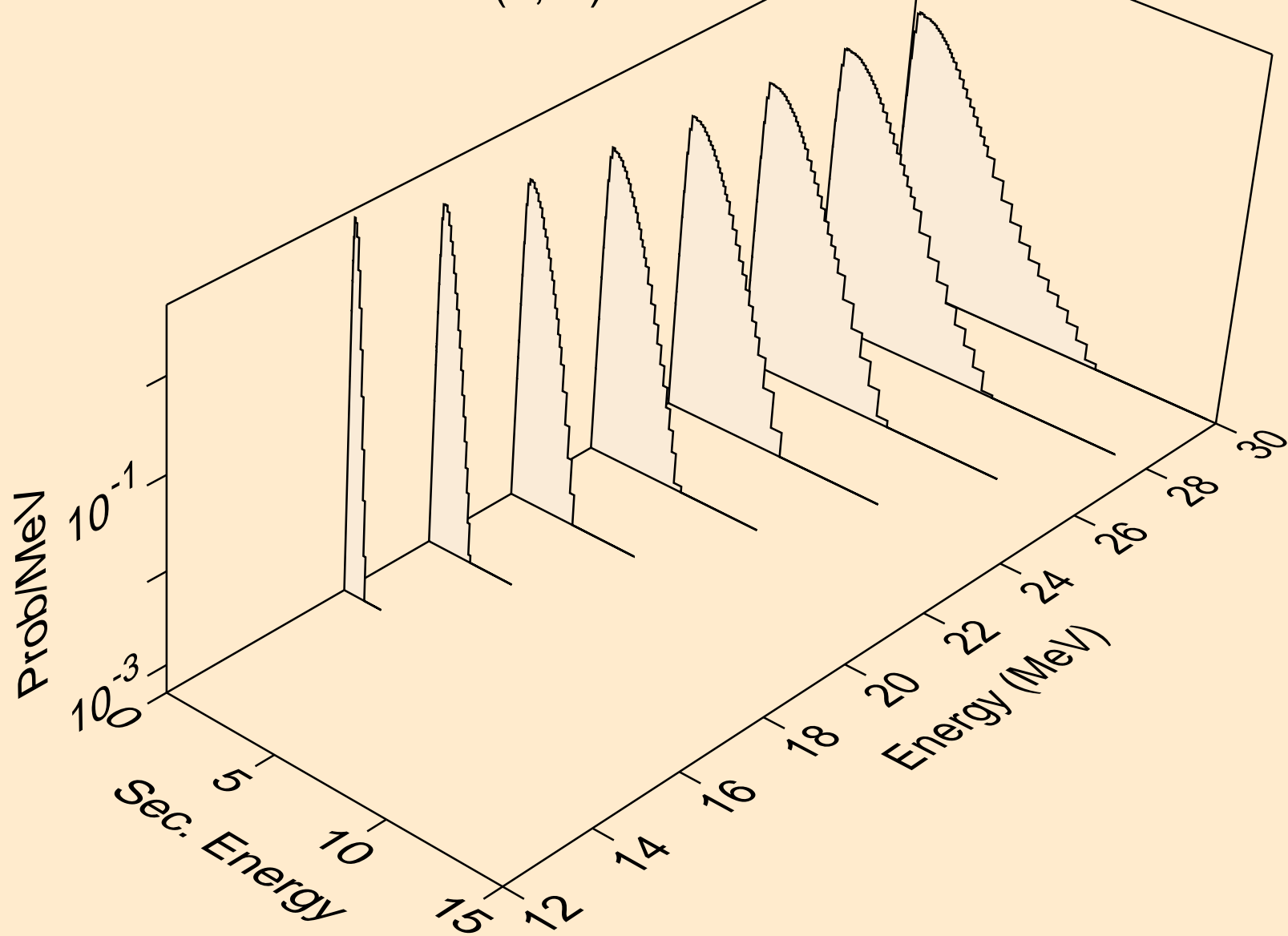
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



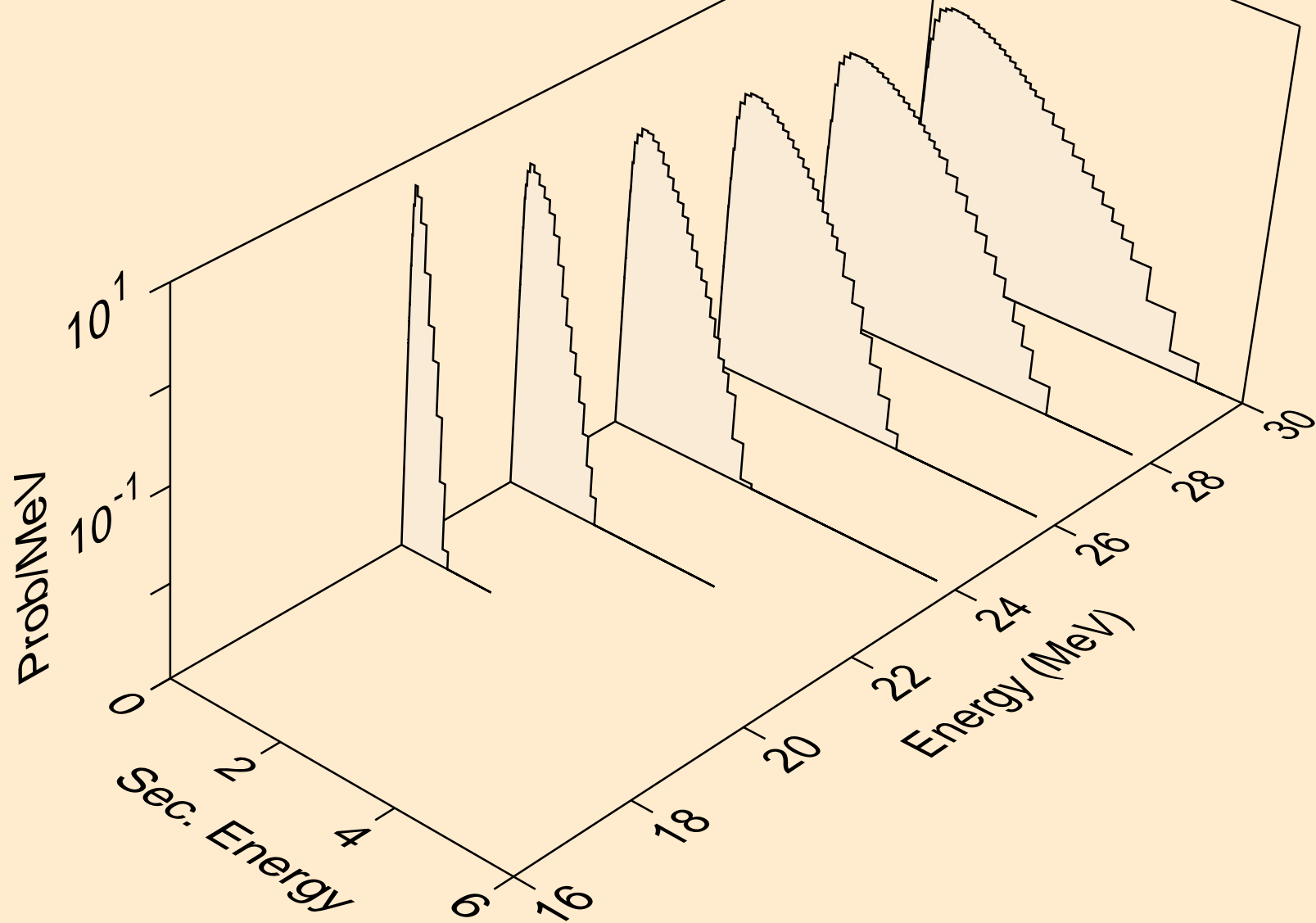
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Neutron emission for (n,2n)2a



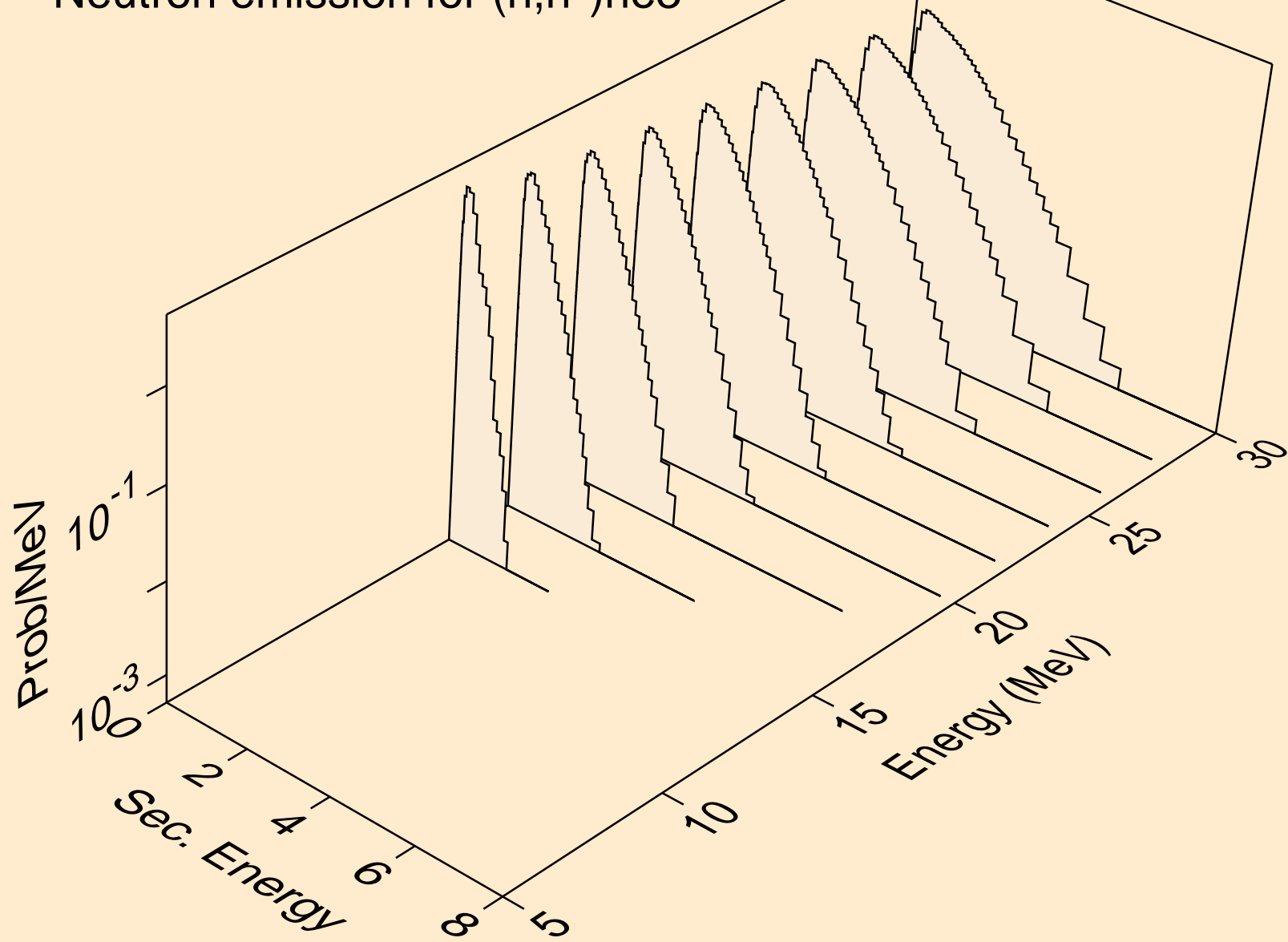
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

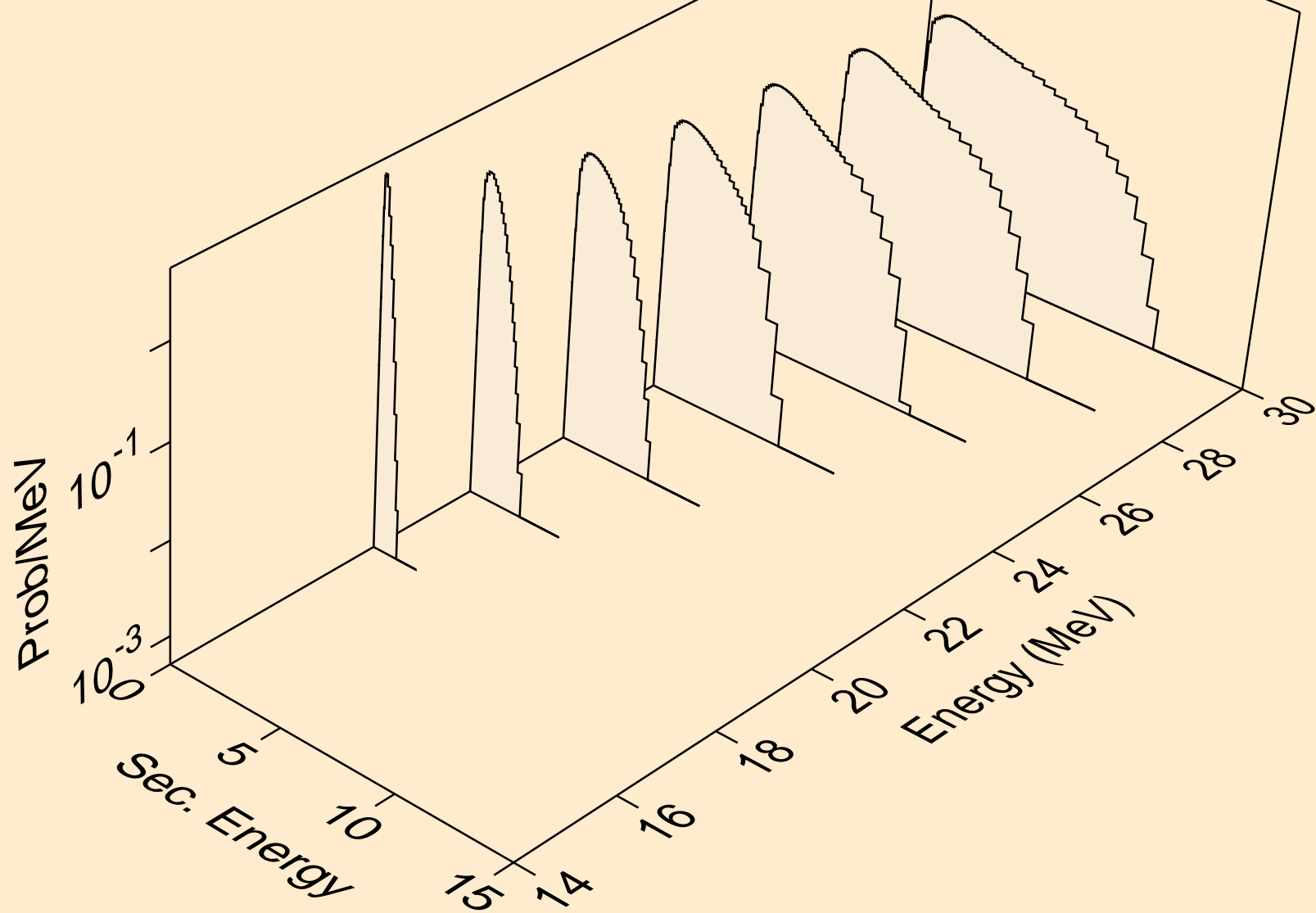


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

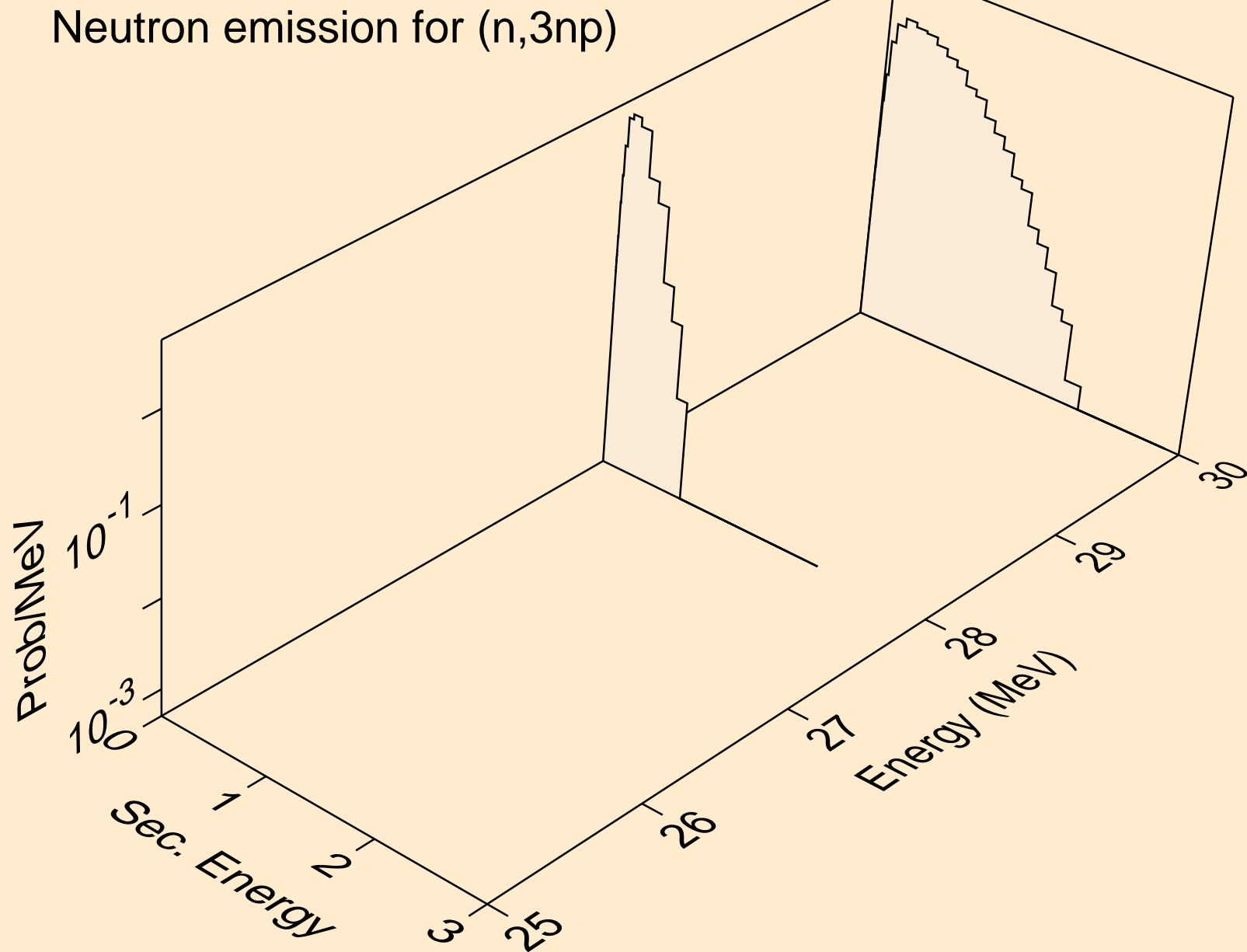




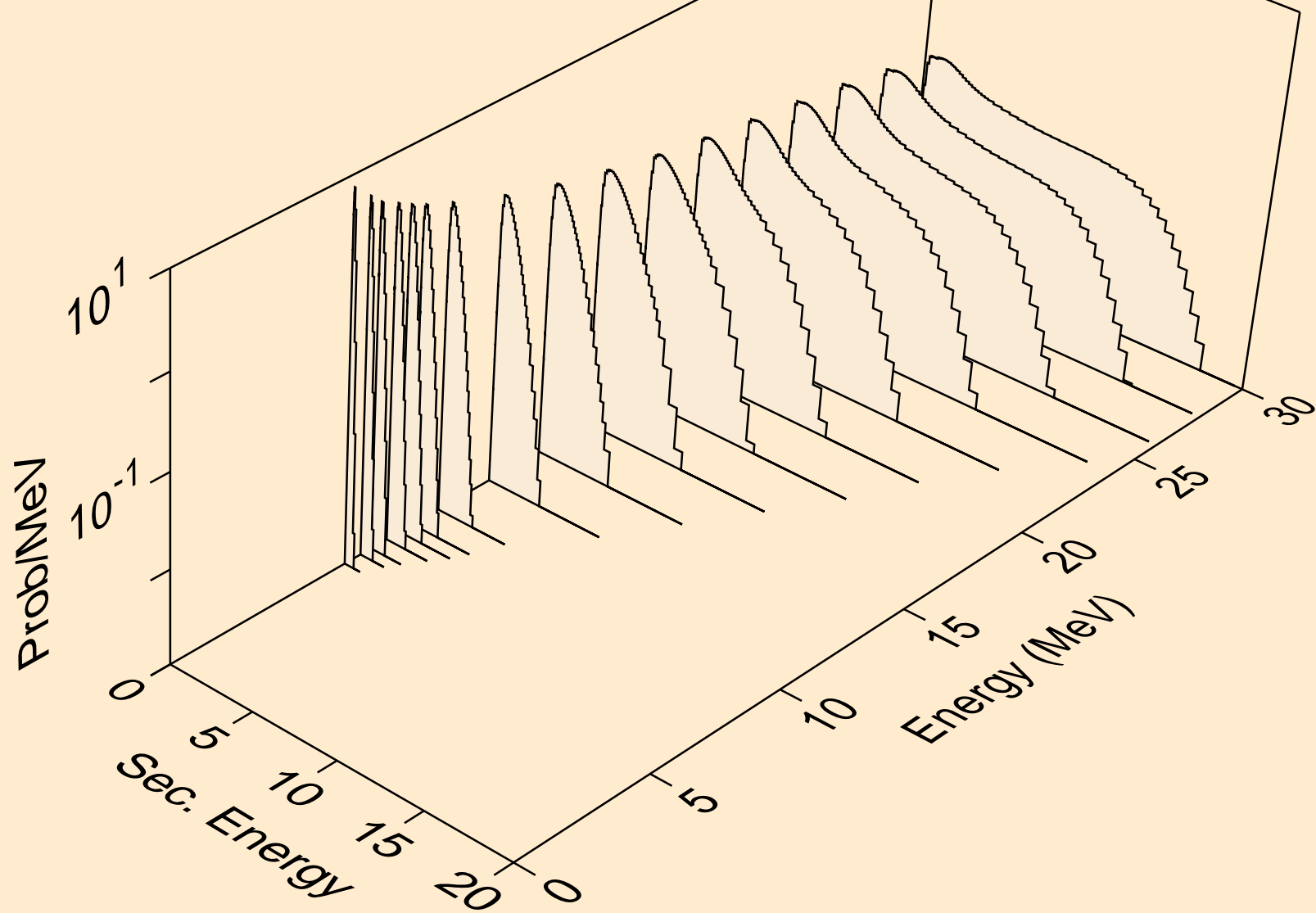
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



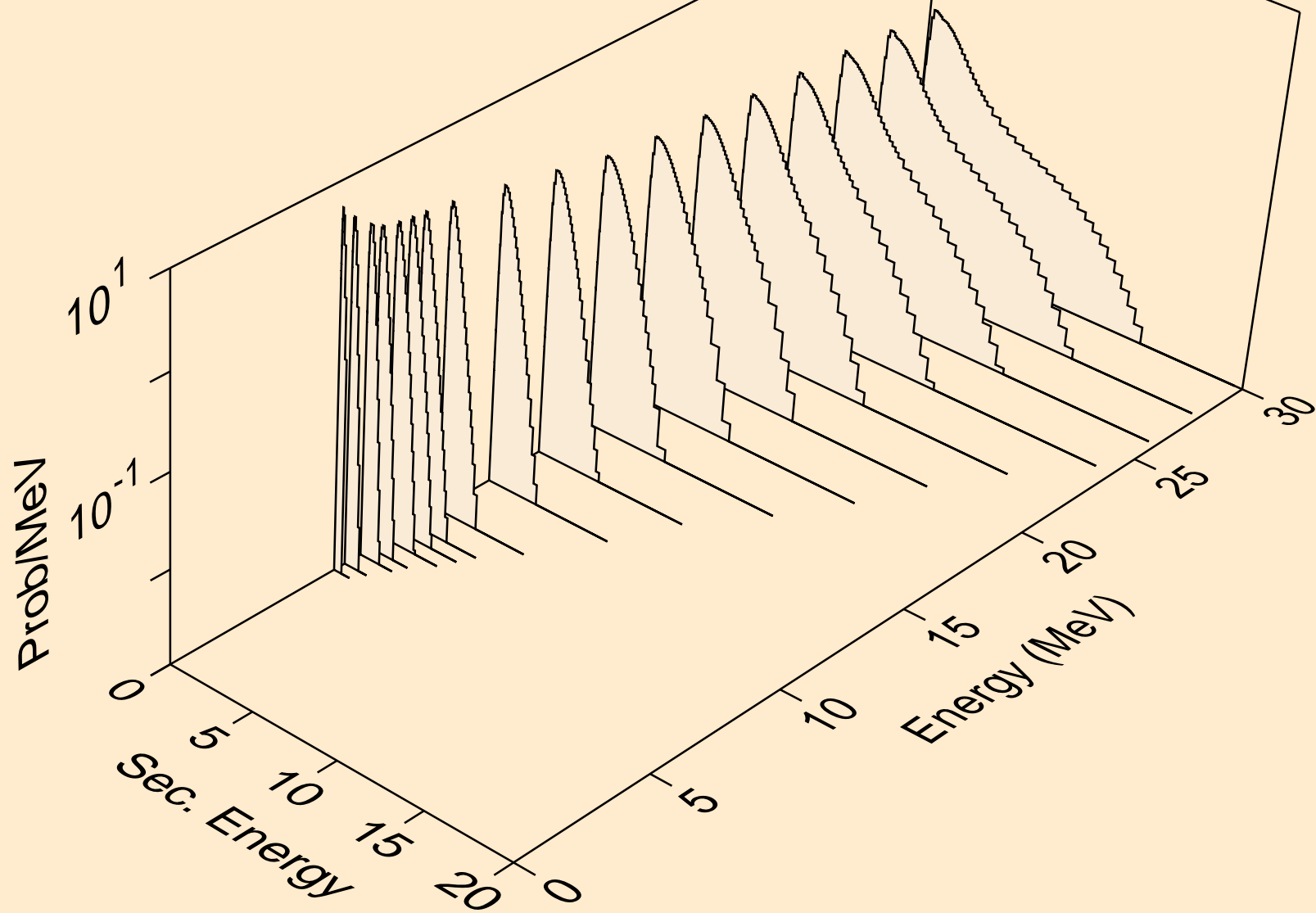
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Neutron emission for (n,3np)



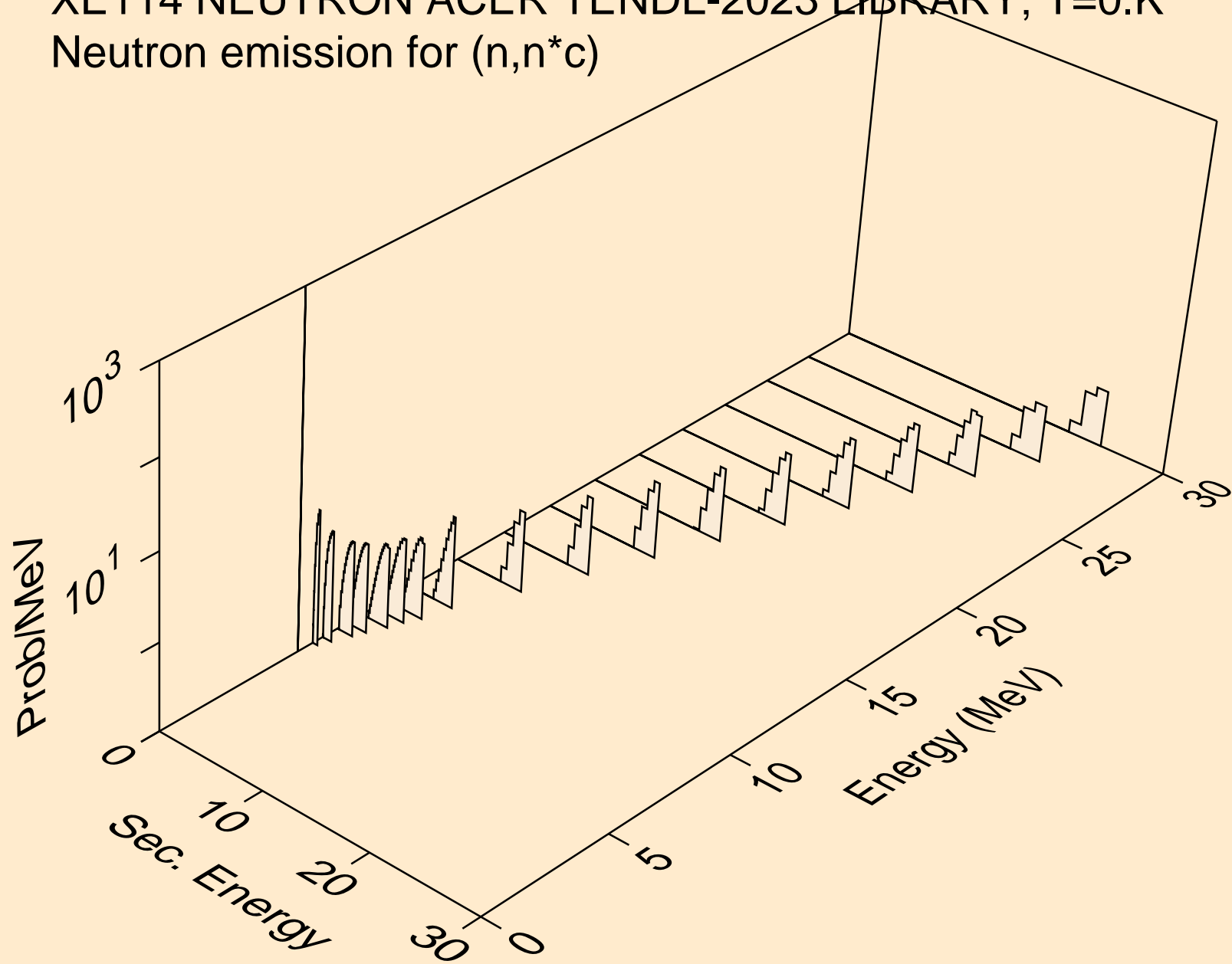
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Neutron emission for (n,n2p)



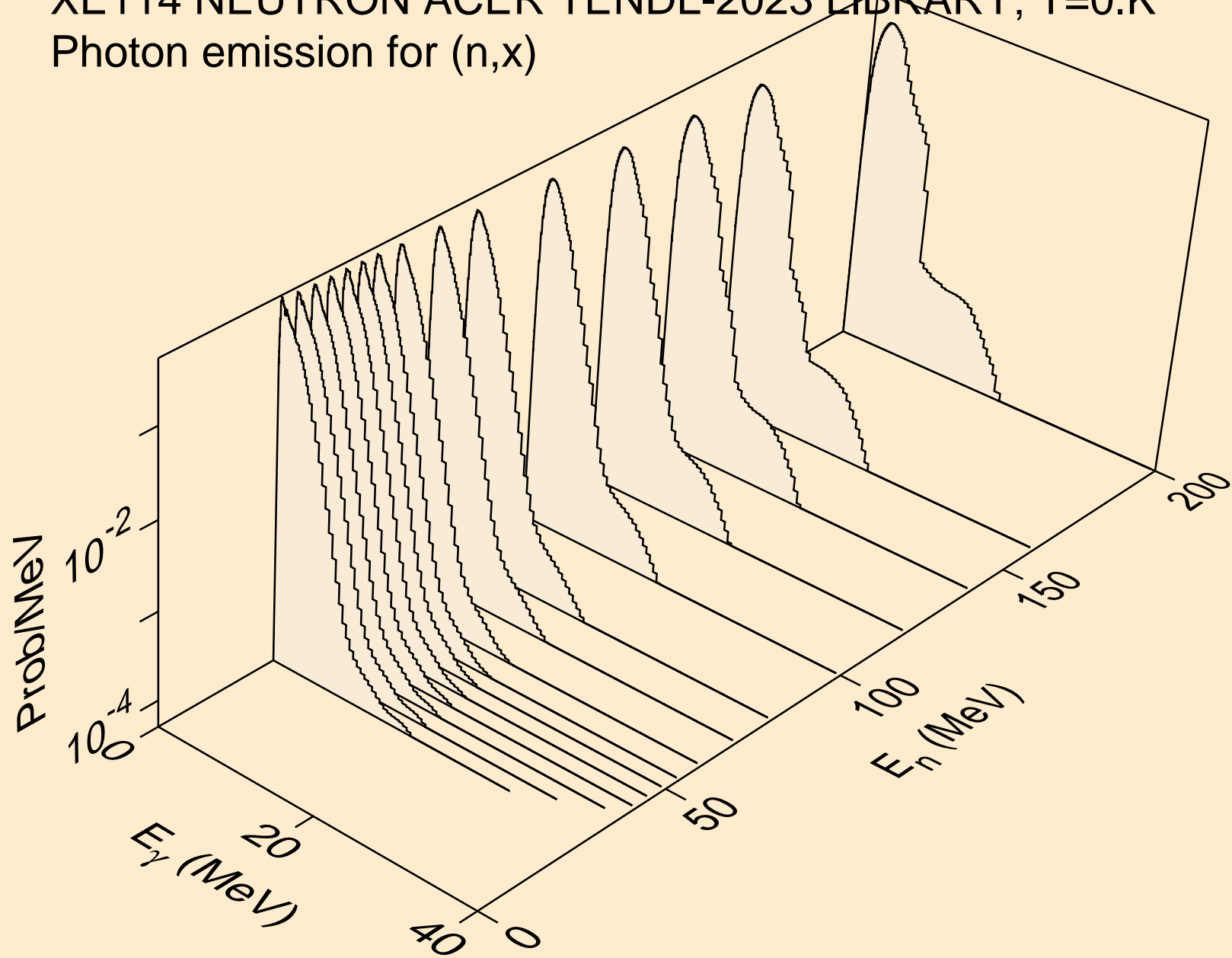
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Neutron emission for (n,npa)



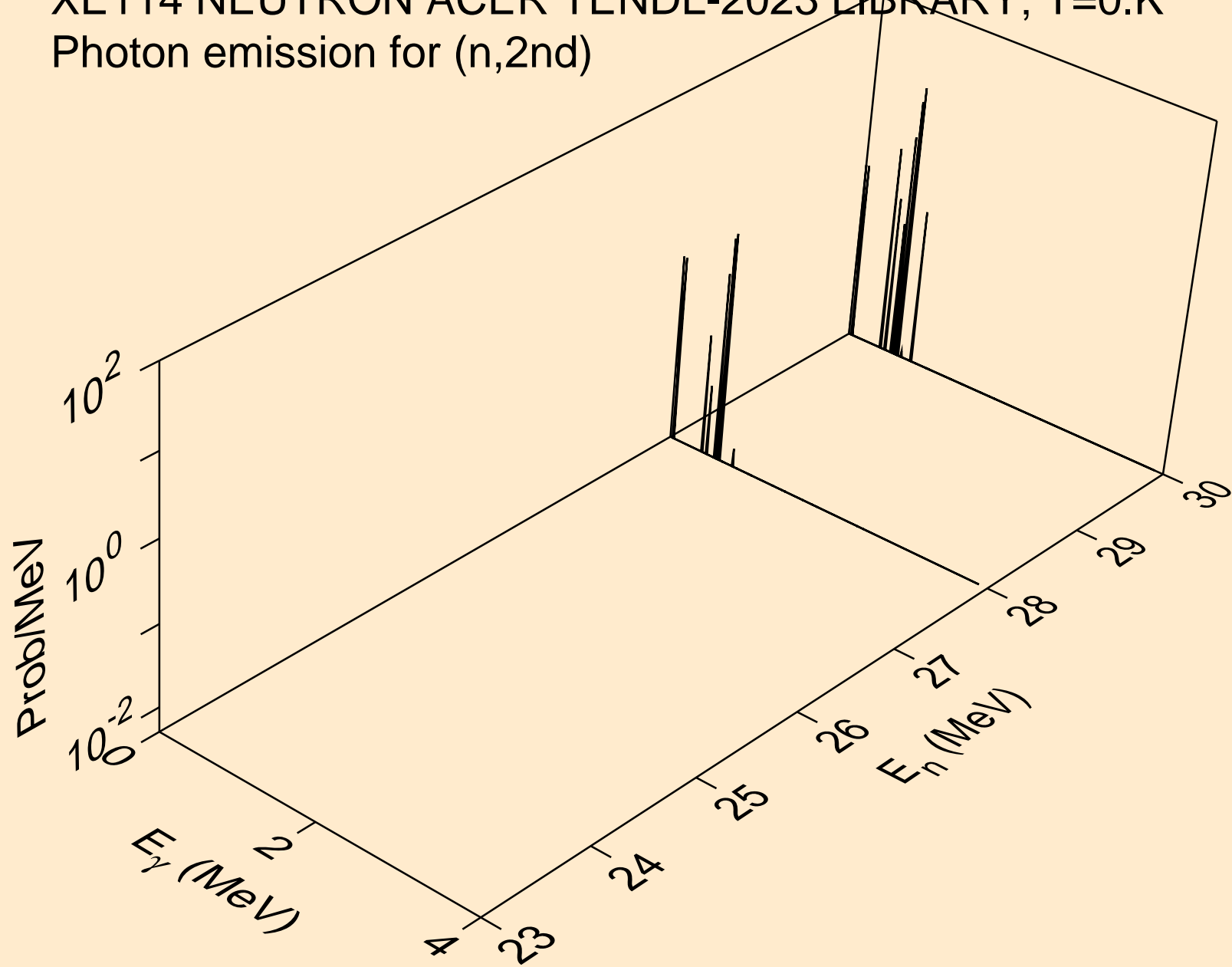
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



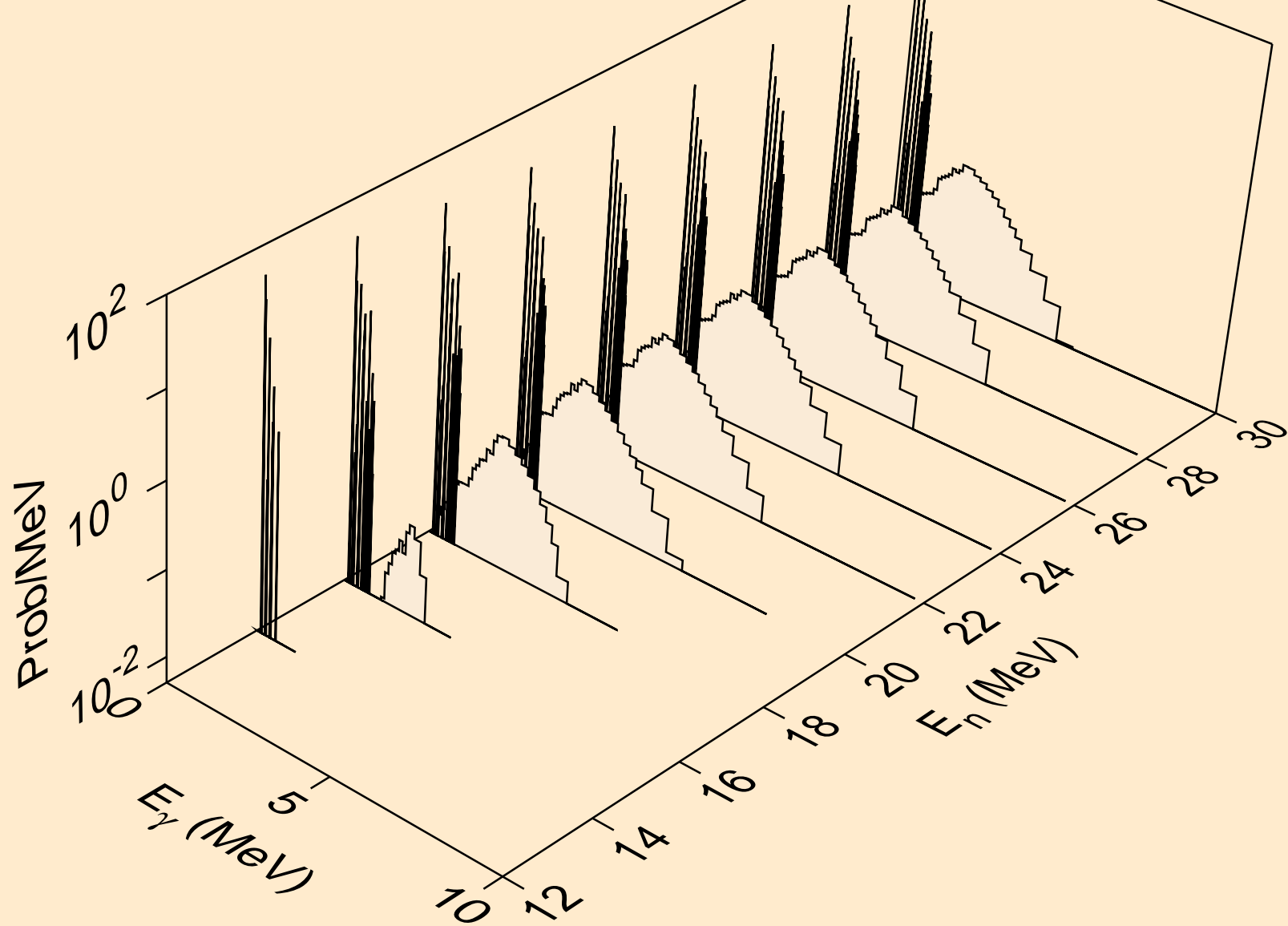
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

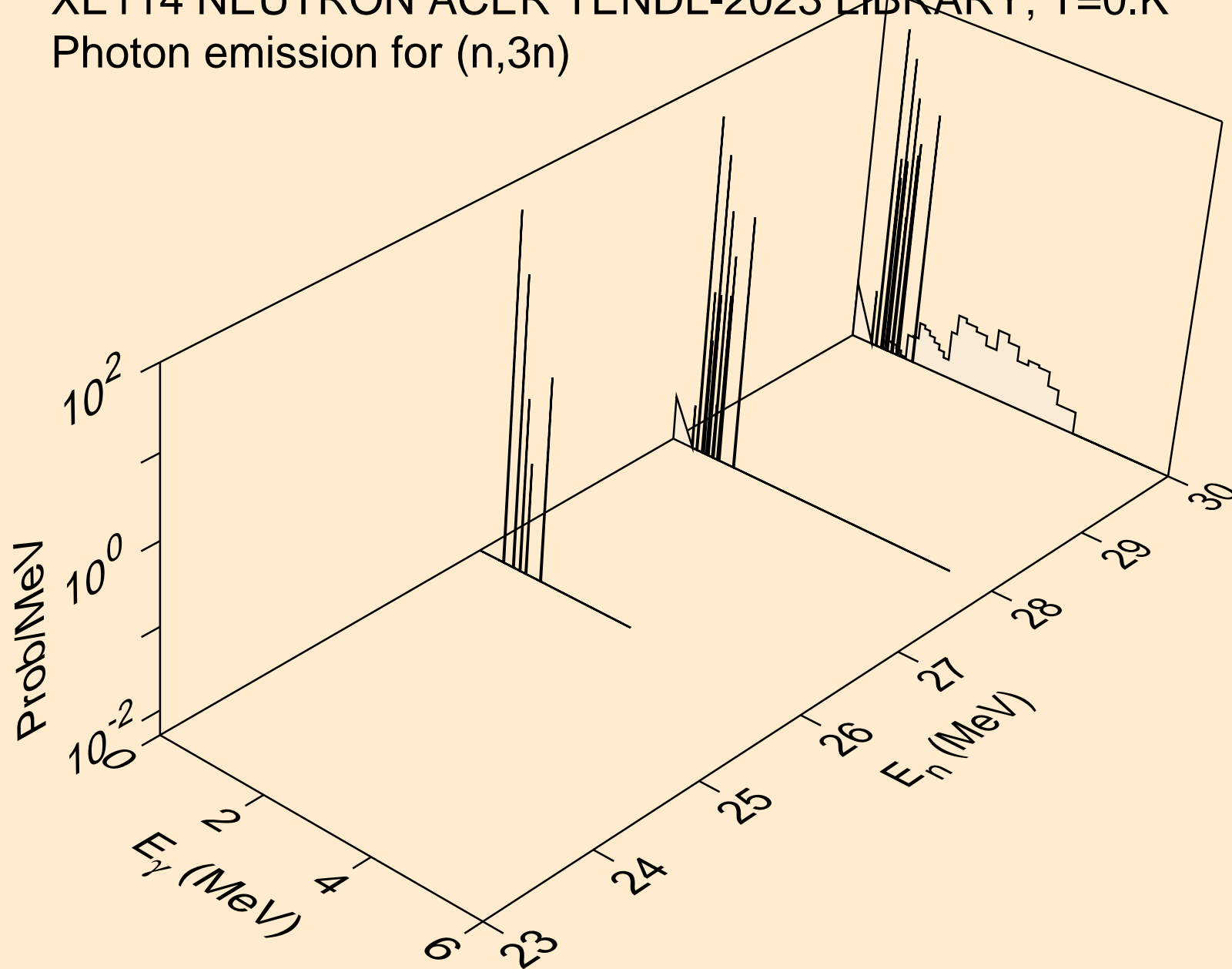


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

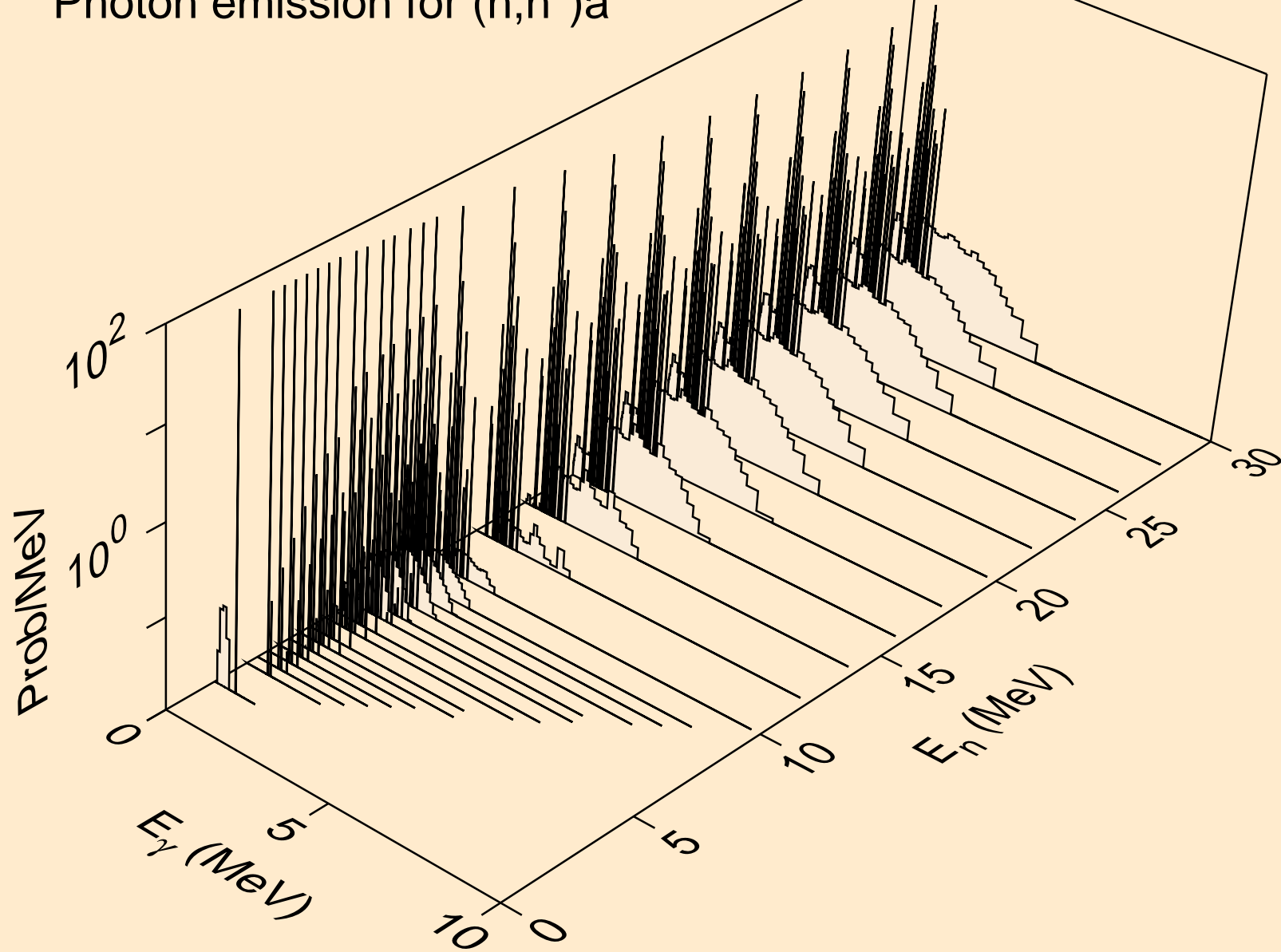




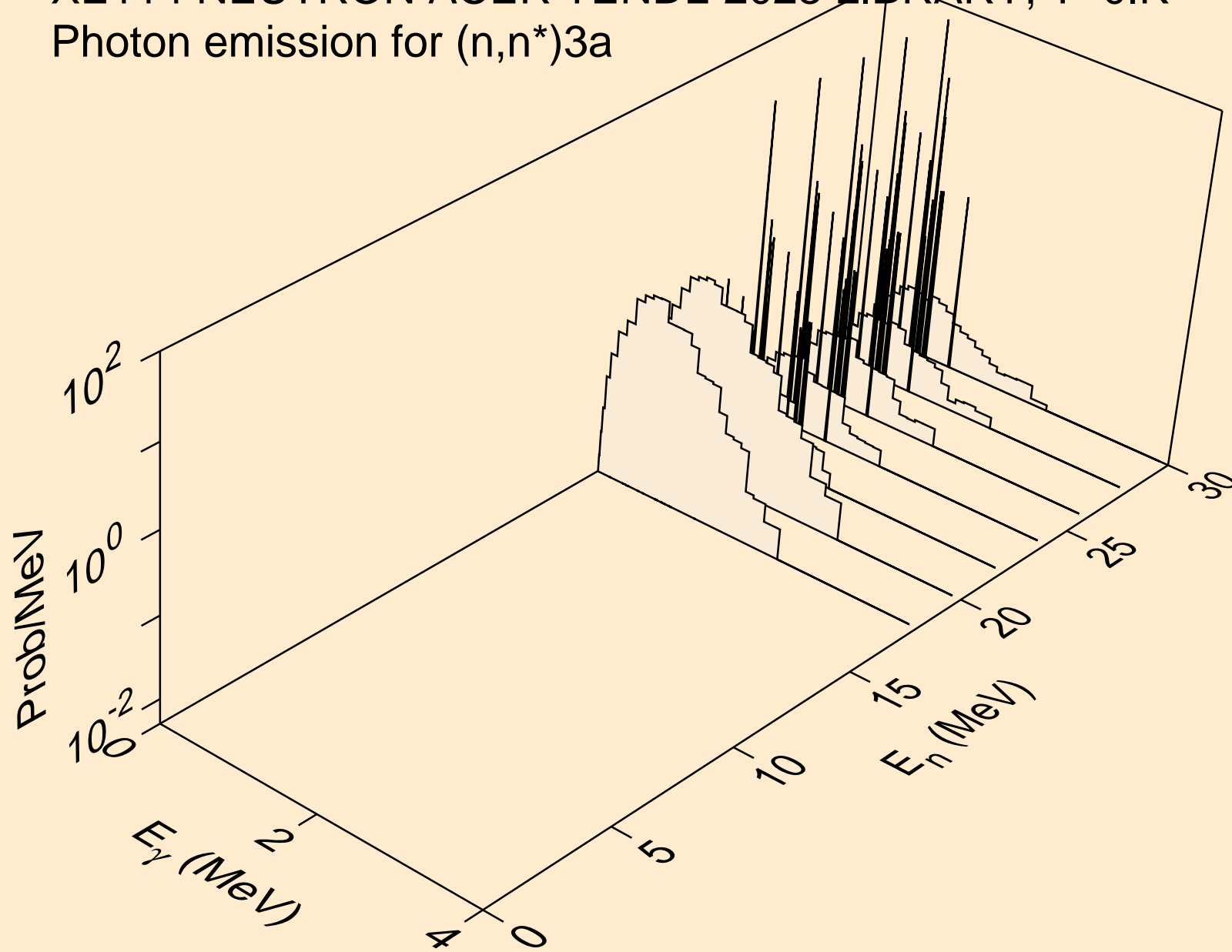
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



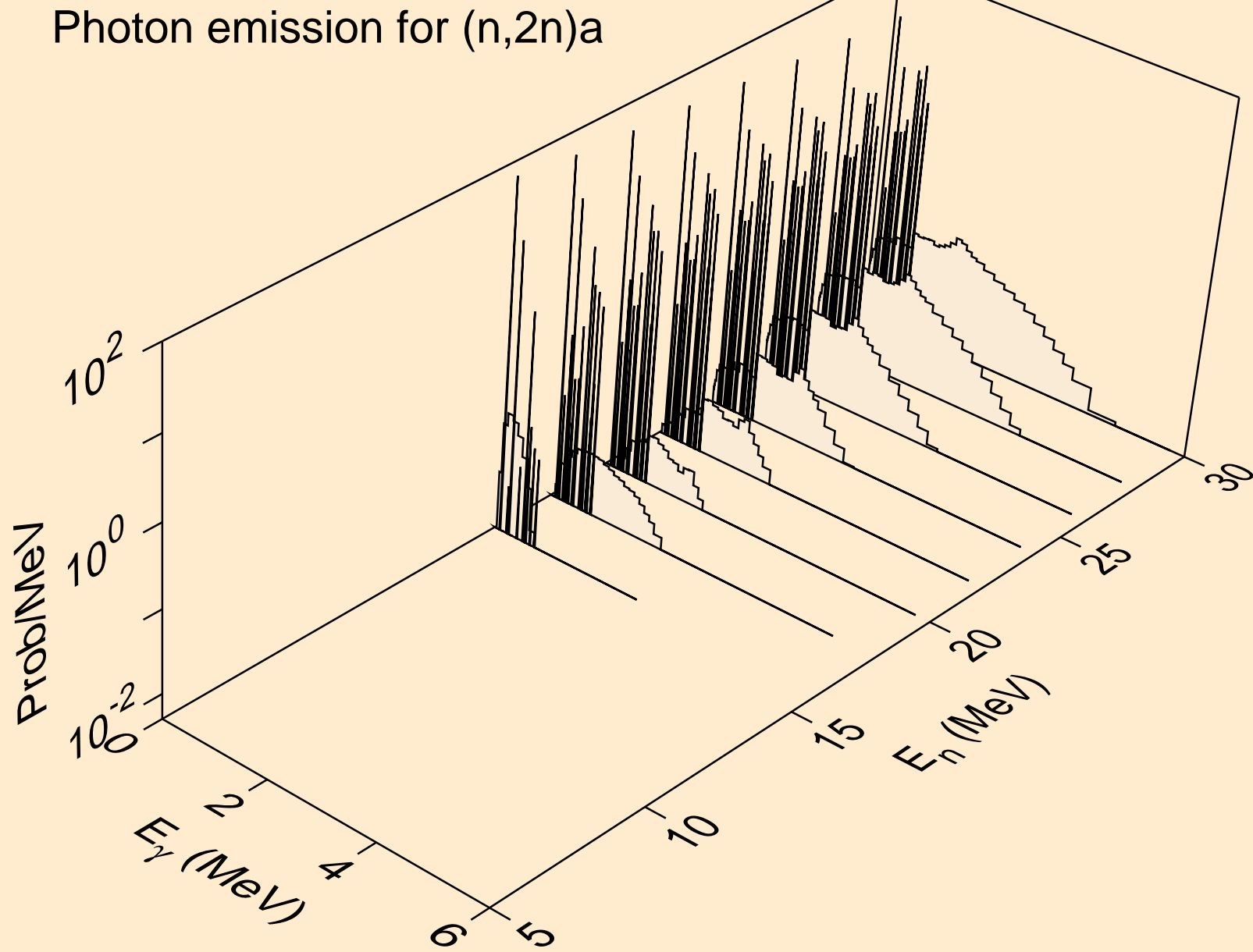
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



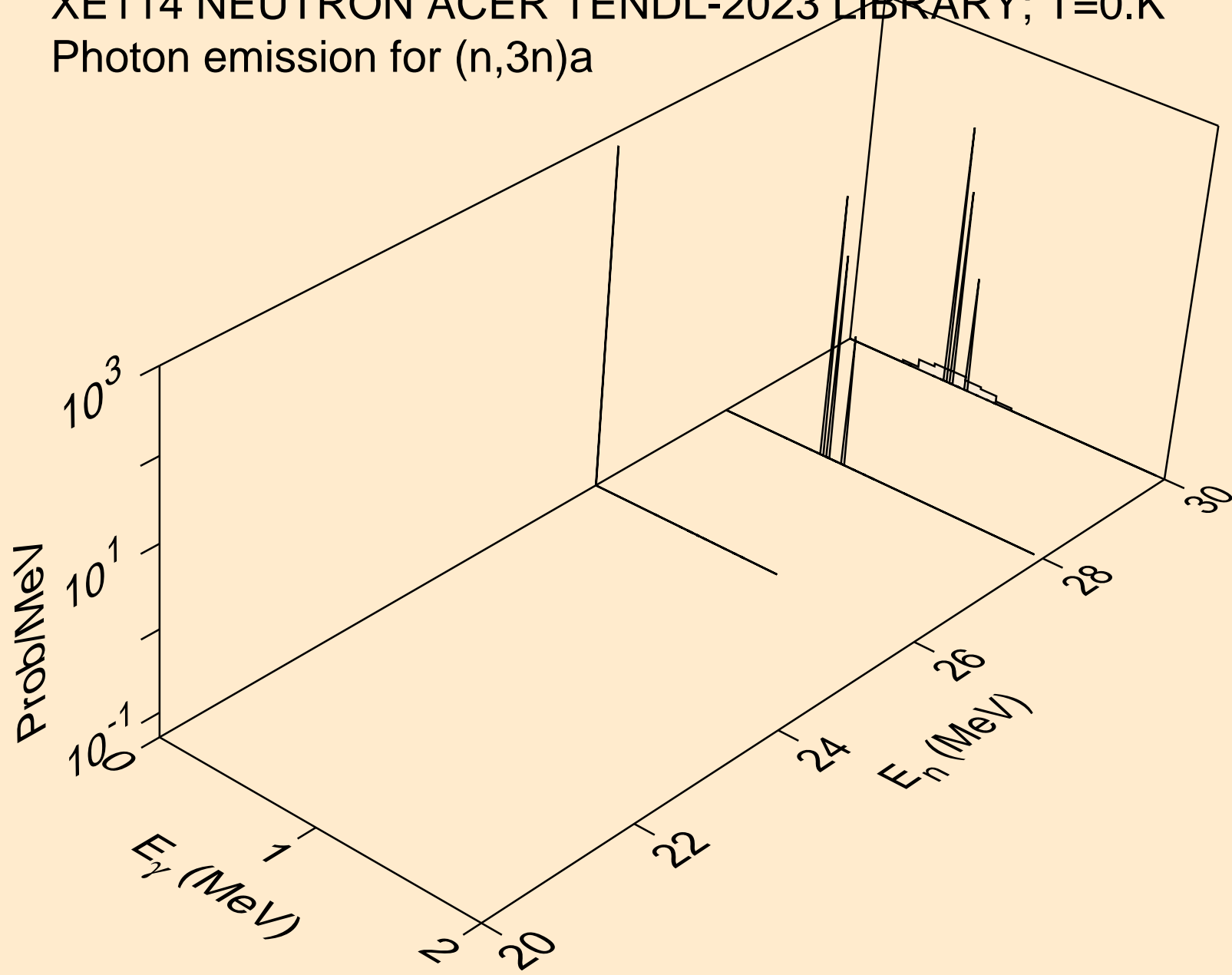
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



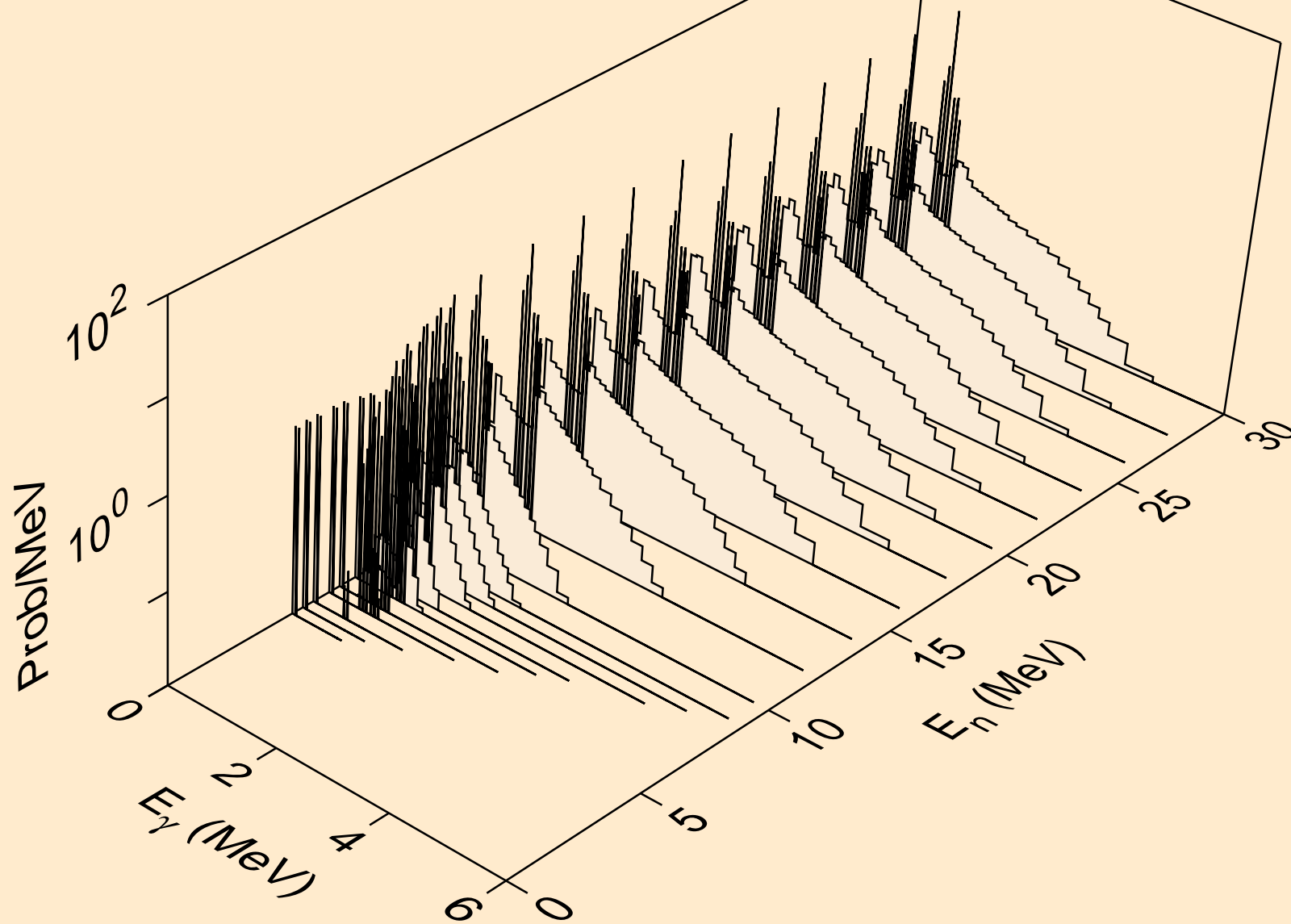
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Photon emission for (n,2n)a



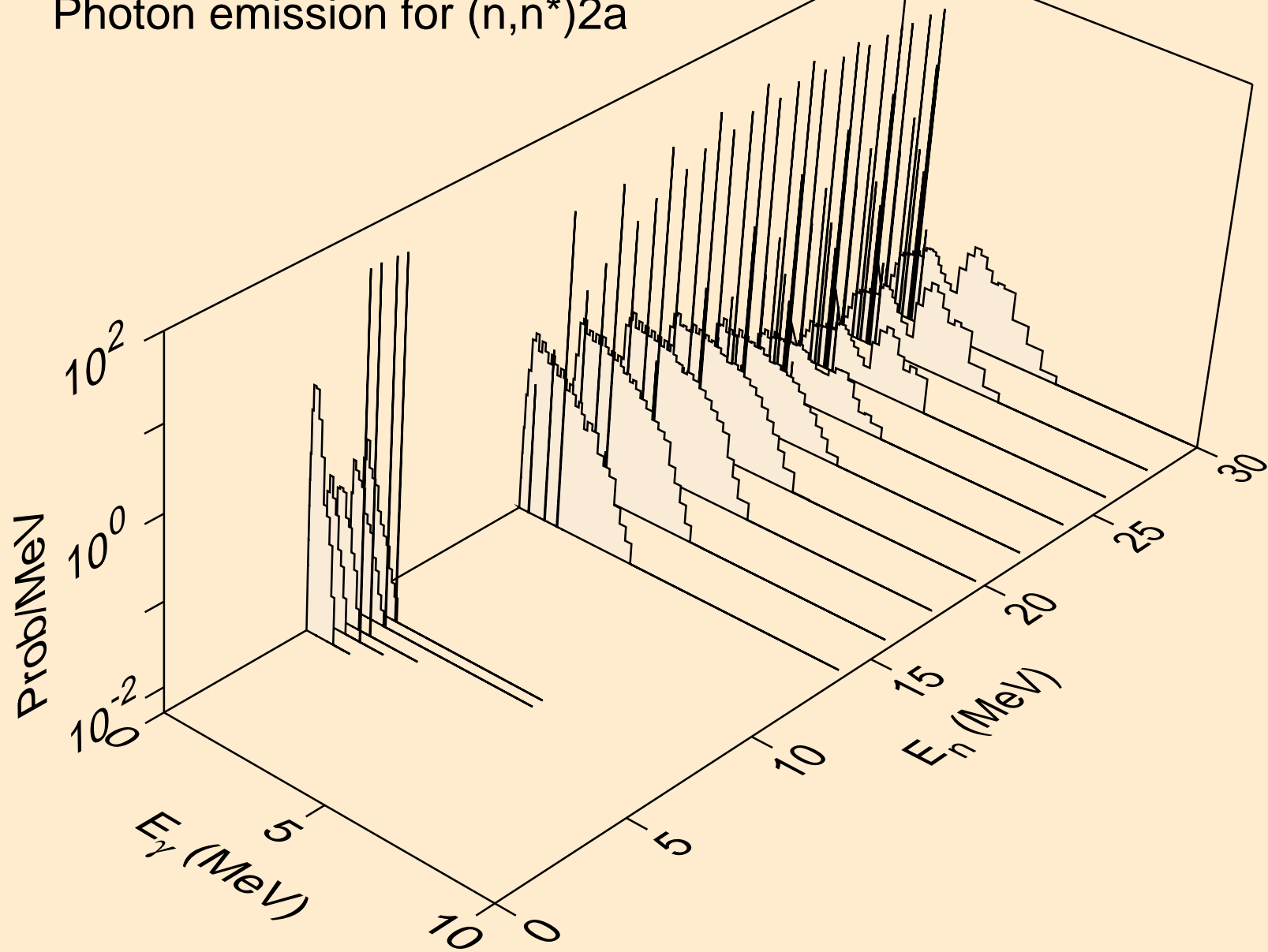
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



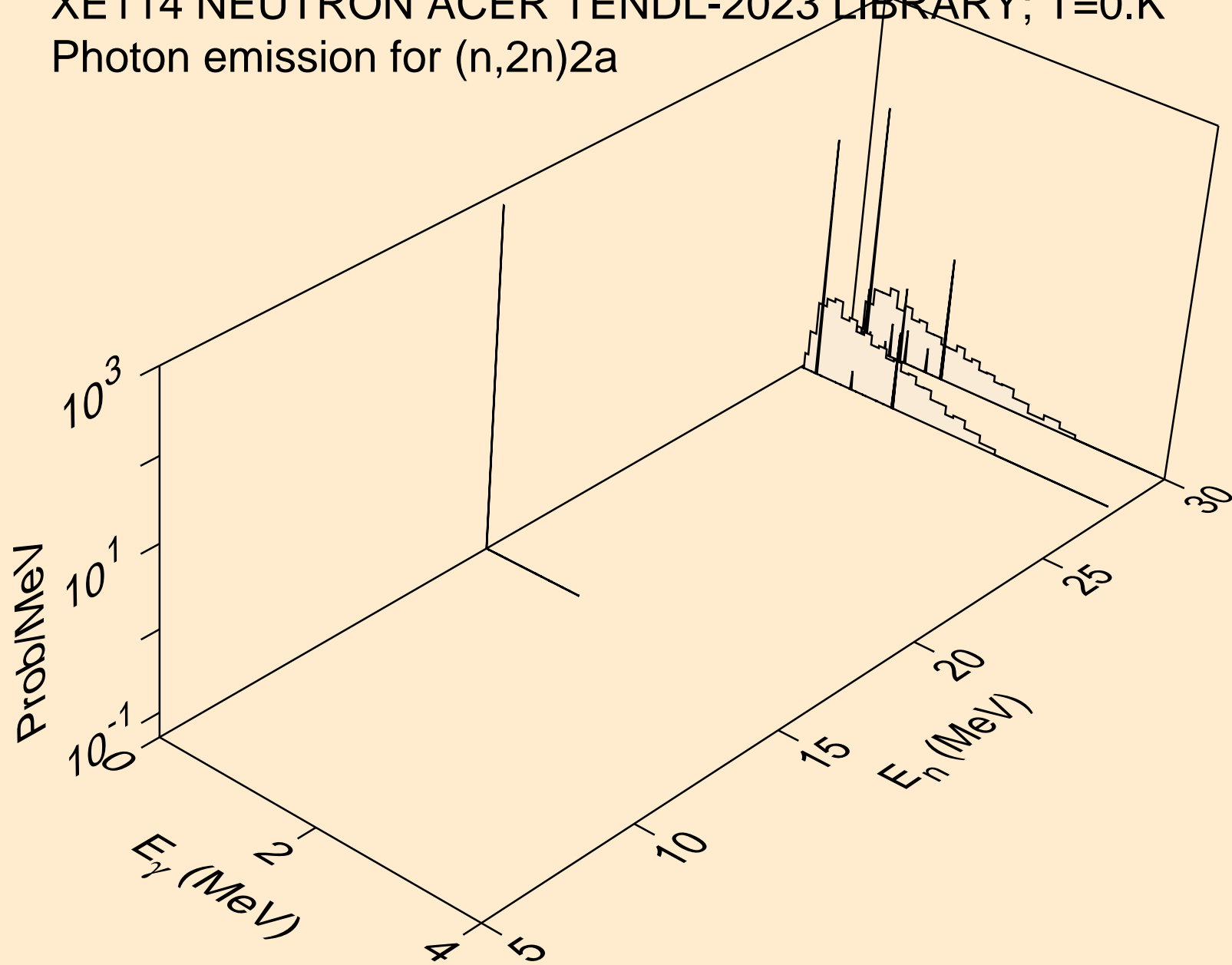
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

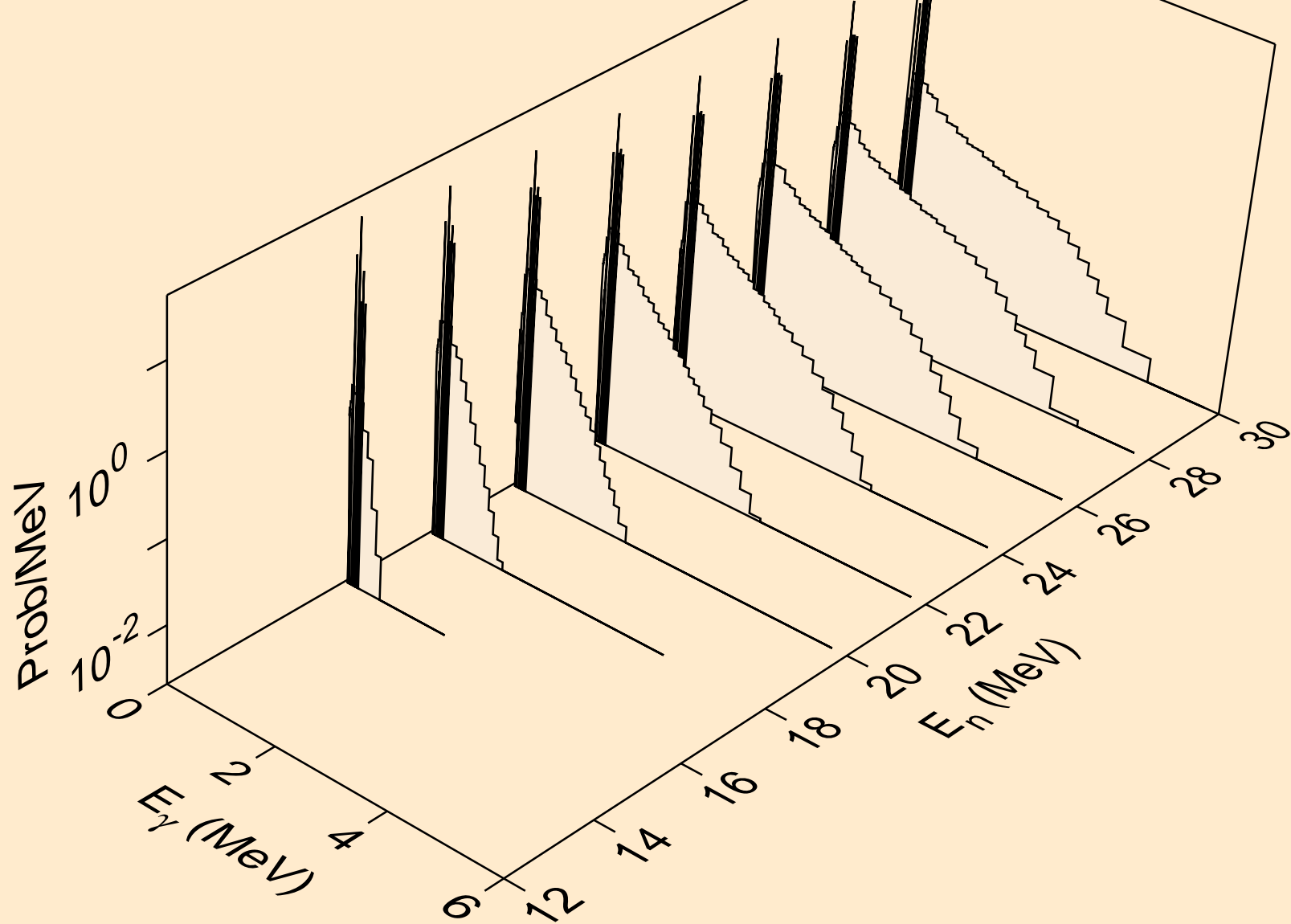


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

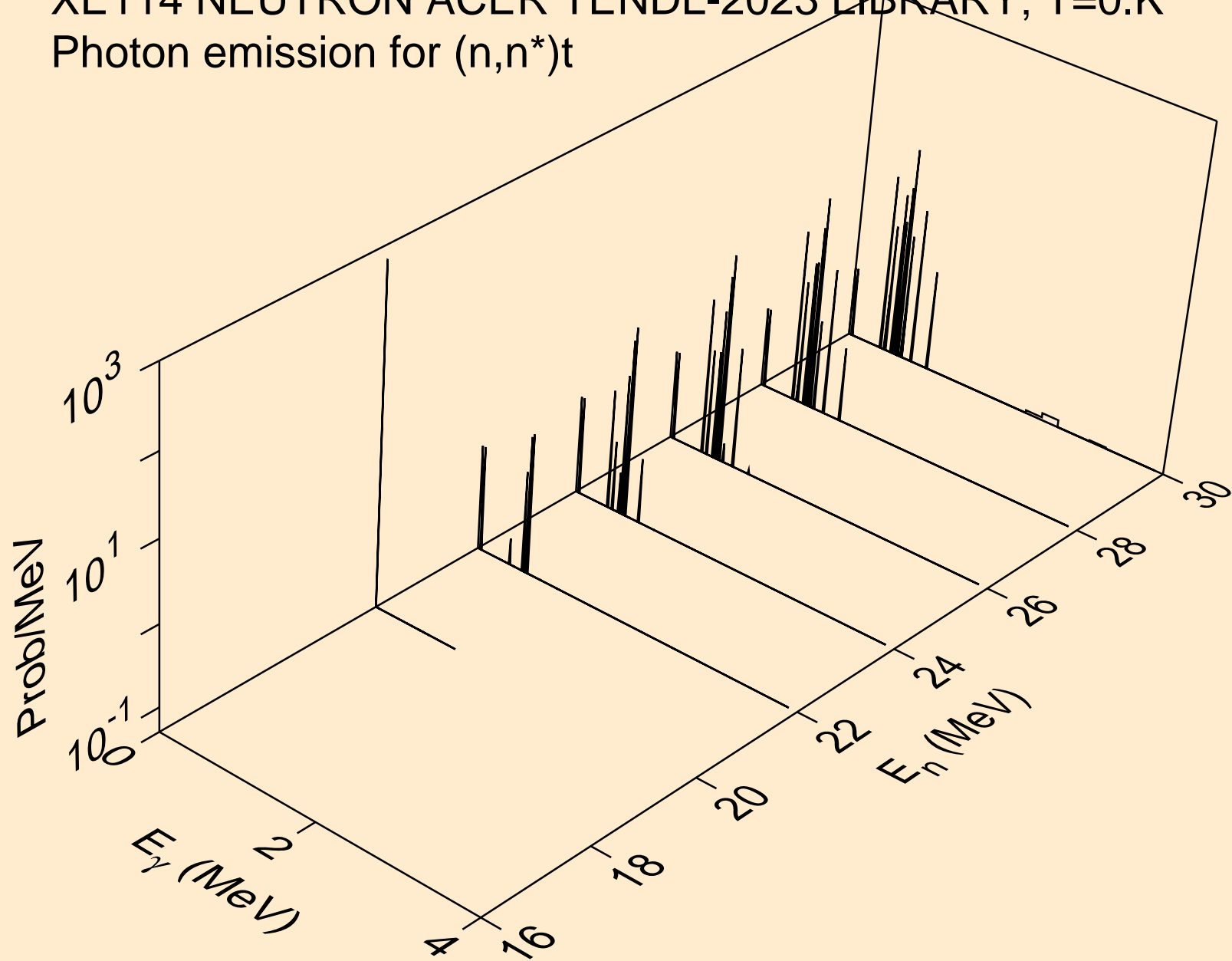




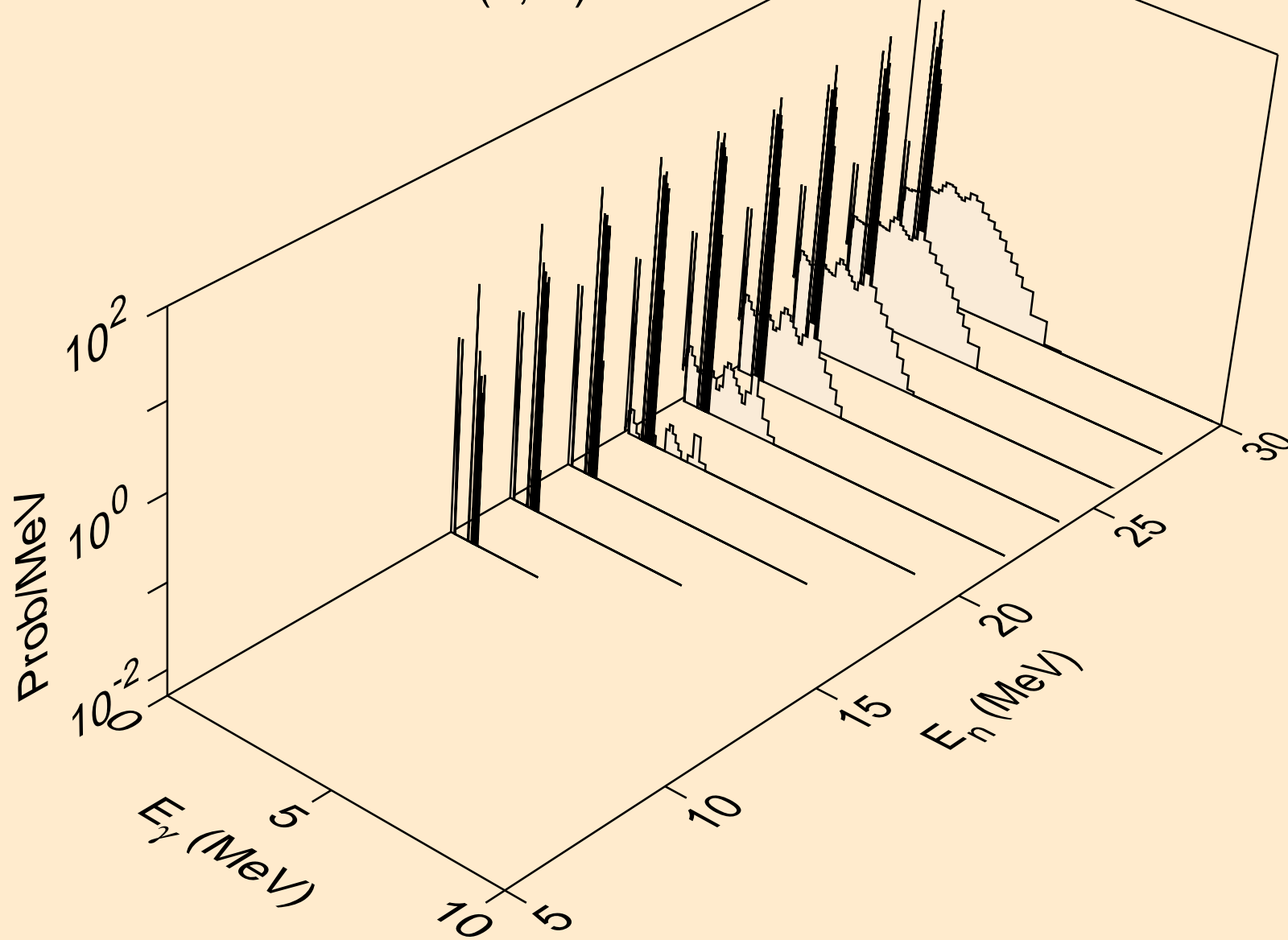
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



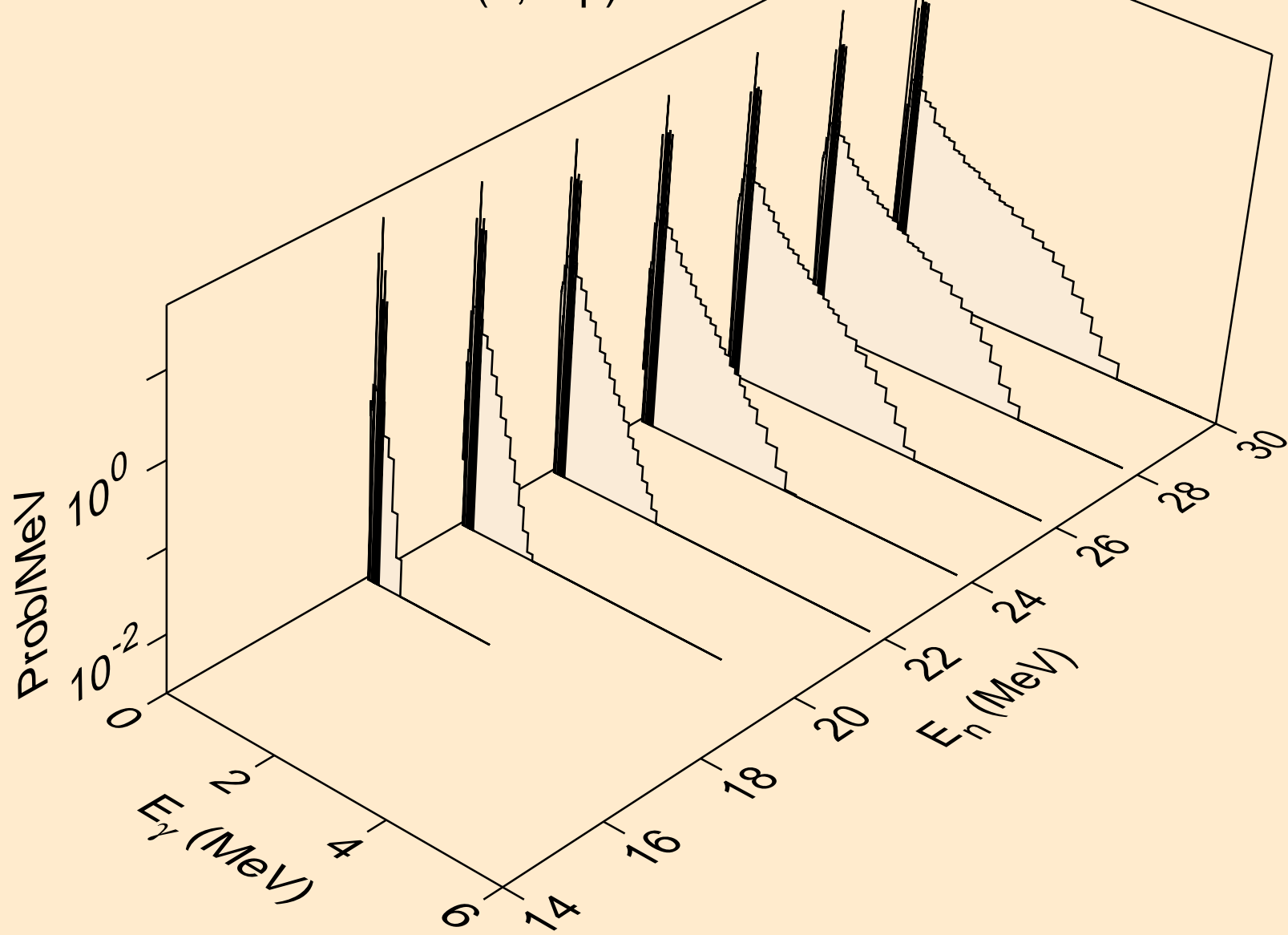
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



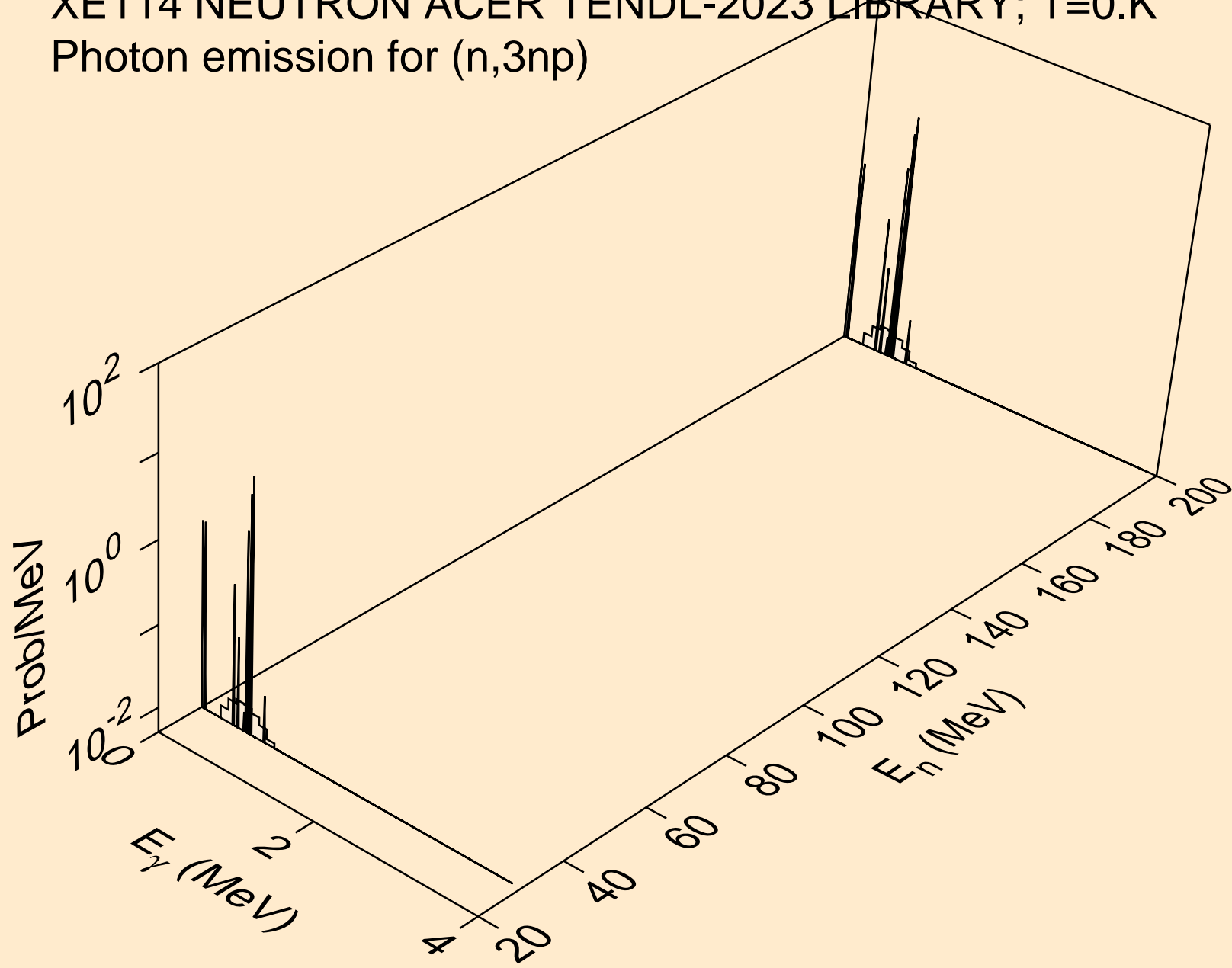
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



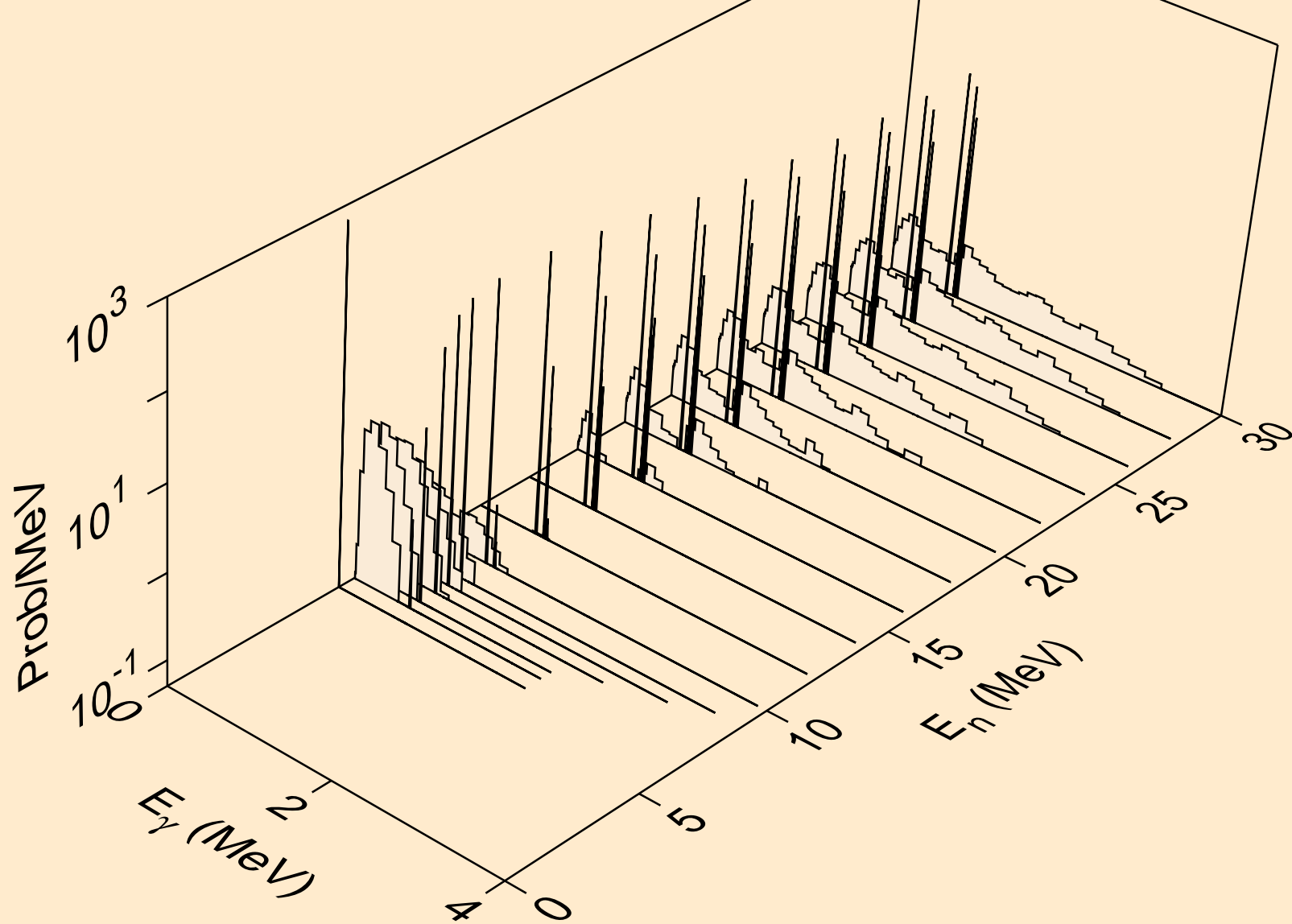
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Photon emission for (n,2np)



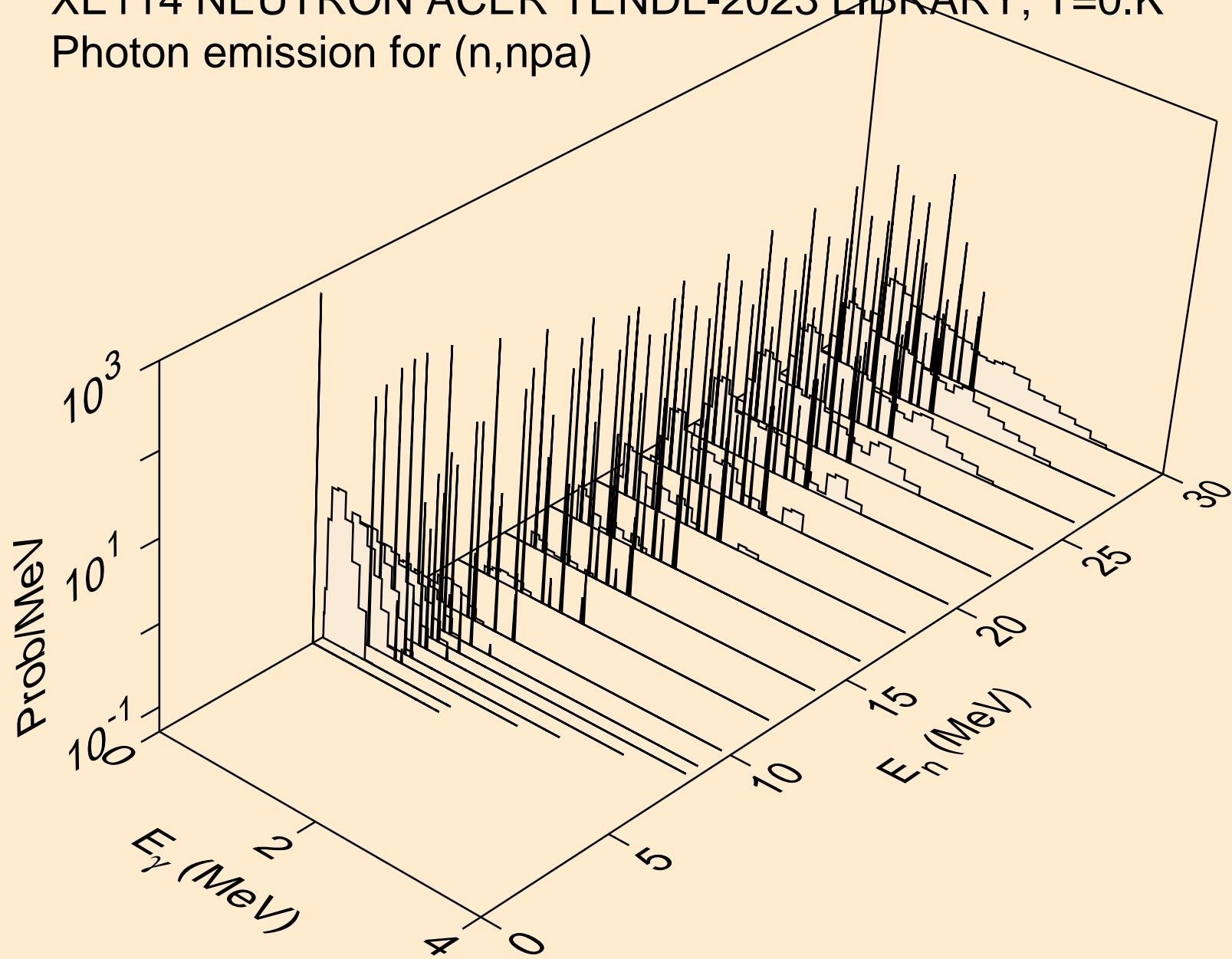
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Photon emission for (n,3np)



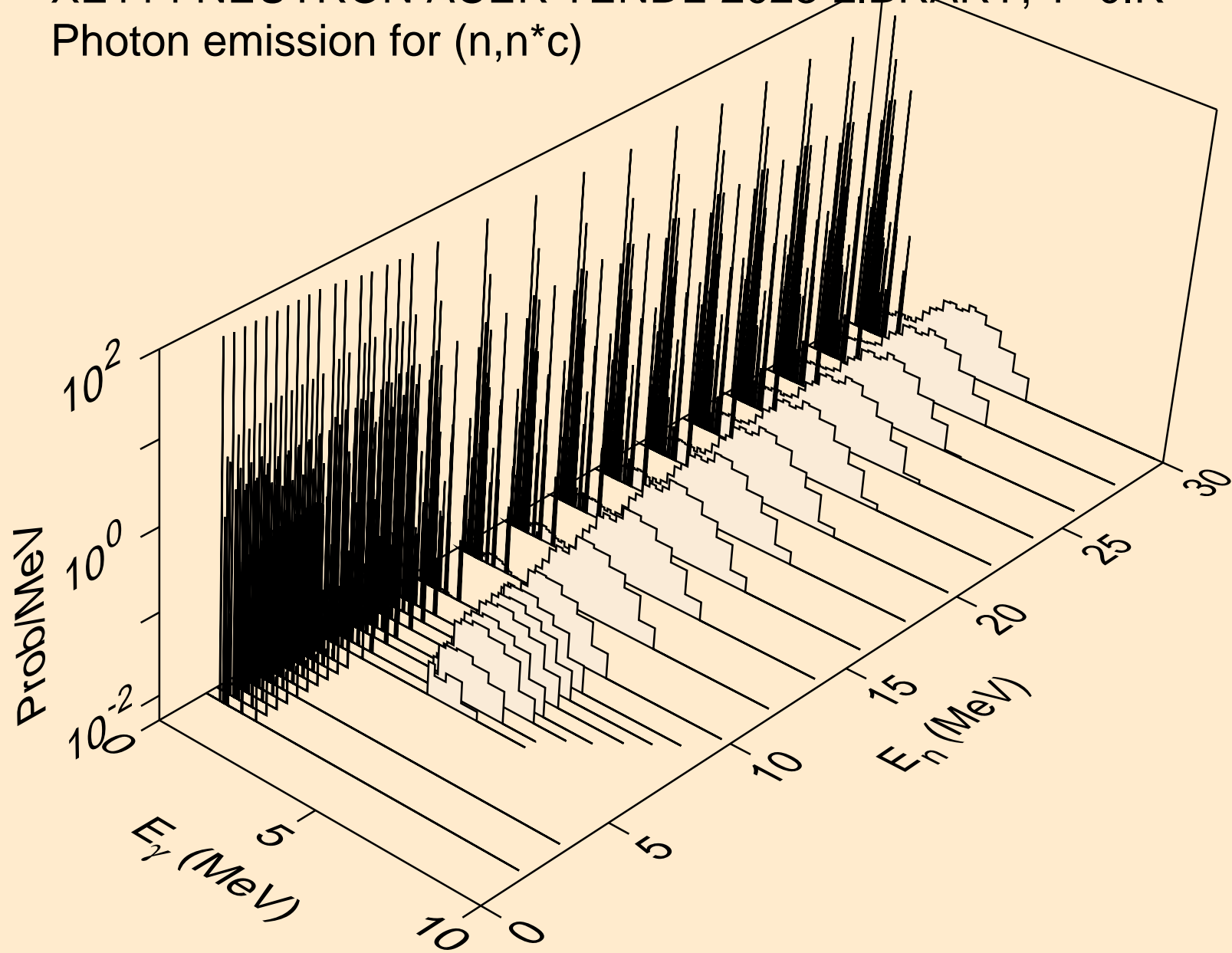
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

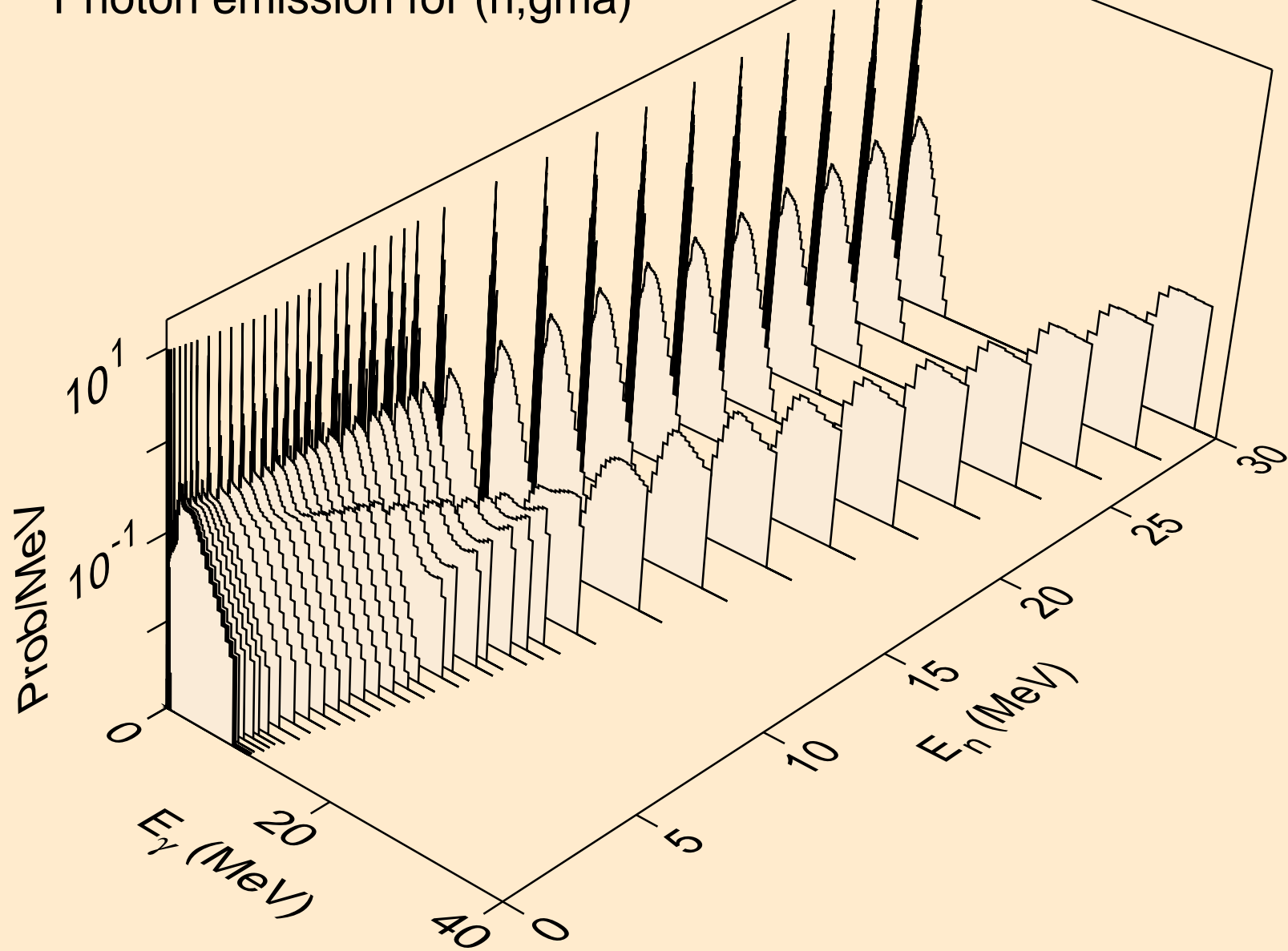


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Photon emission for (n,n\*c)

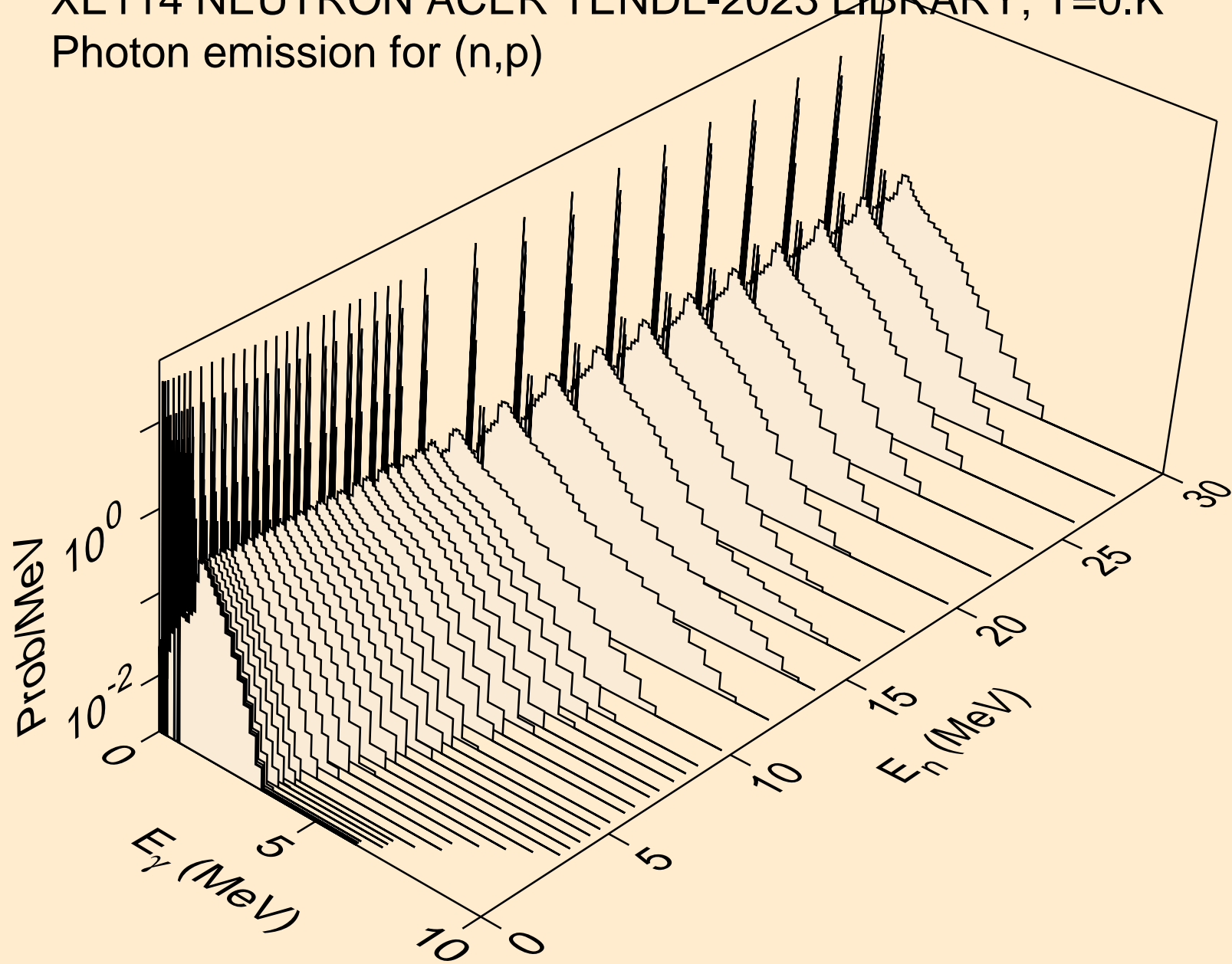




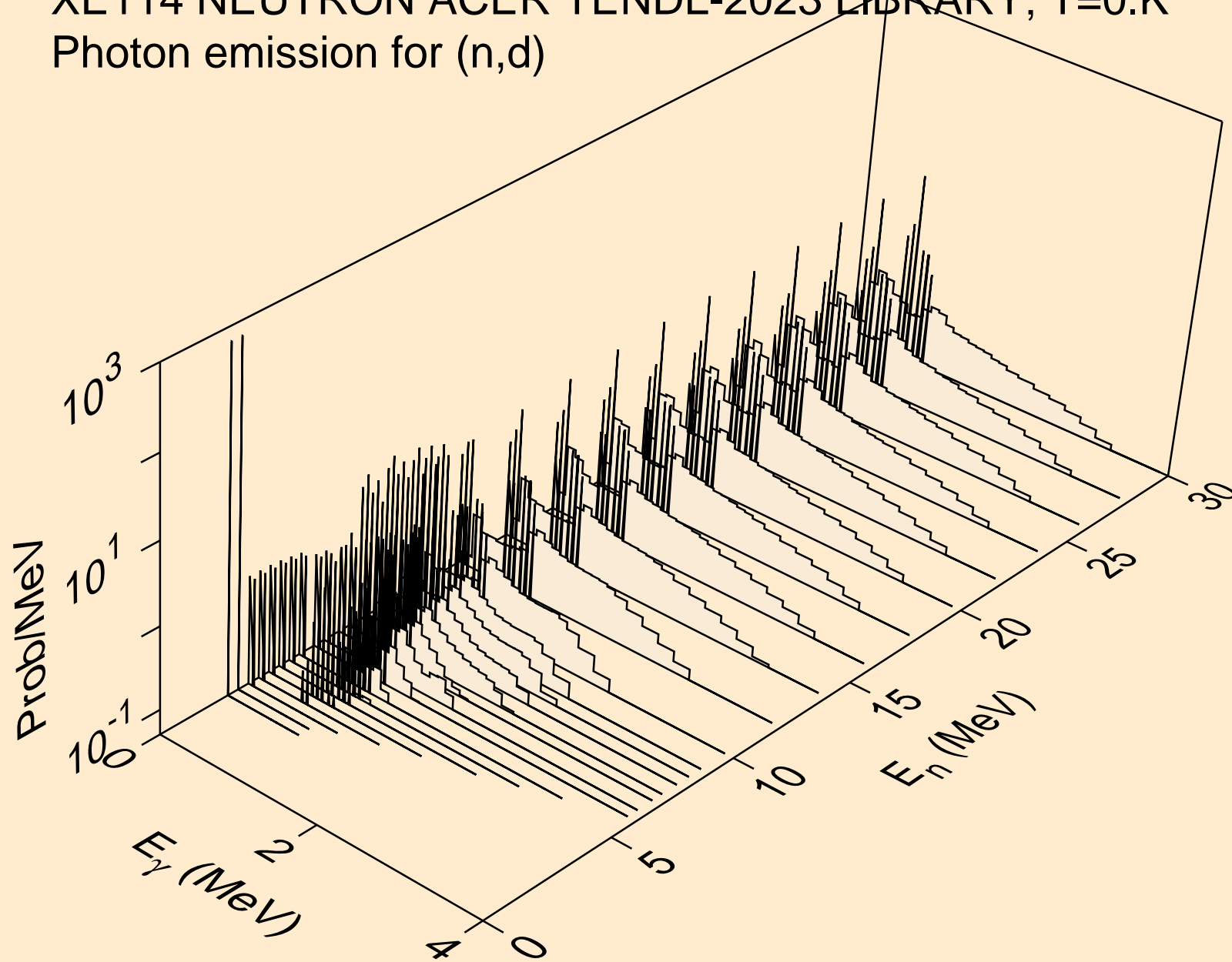
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Photon emission for (n,gma)



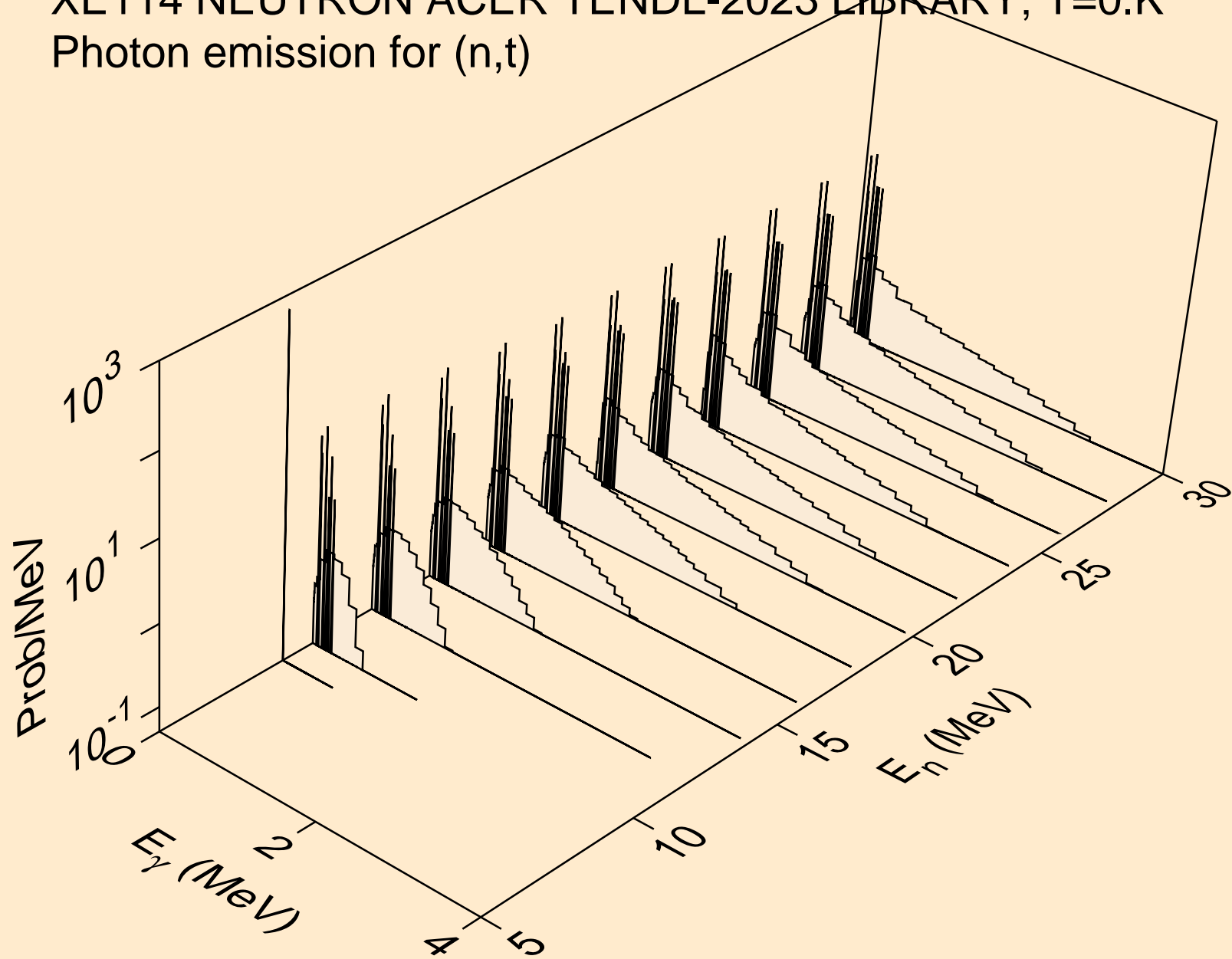
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Photon emission for (n,p)



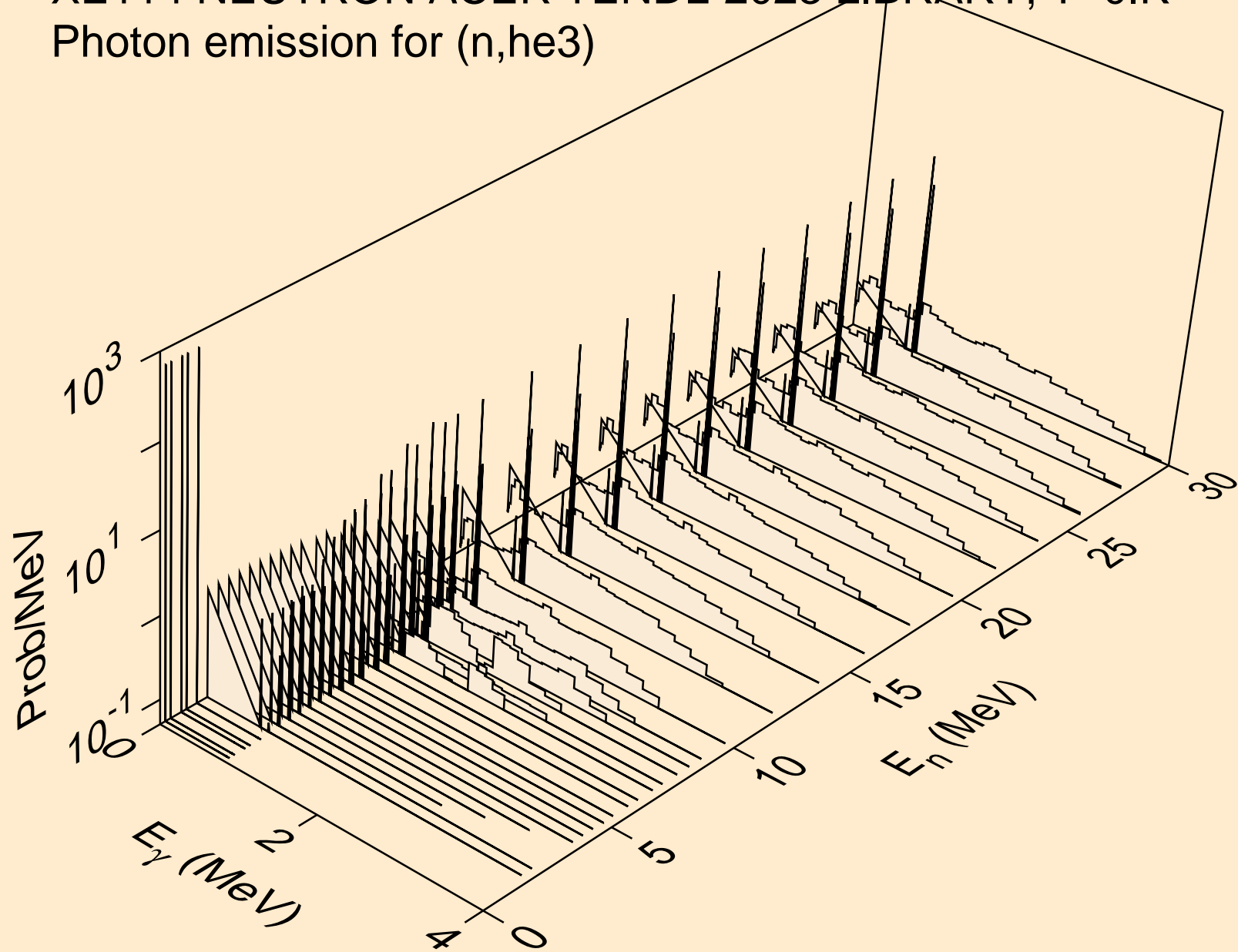
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Photon emission for (n,d)



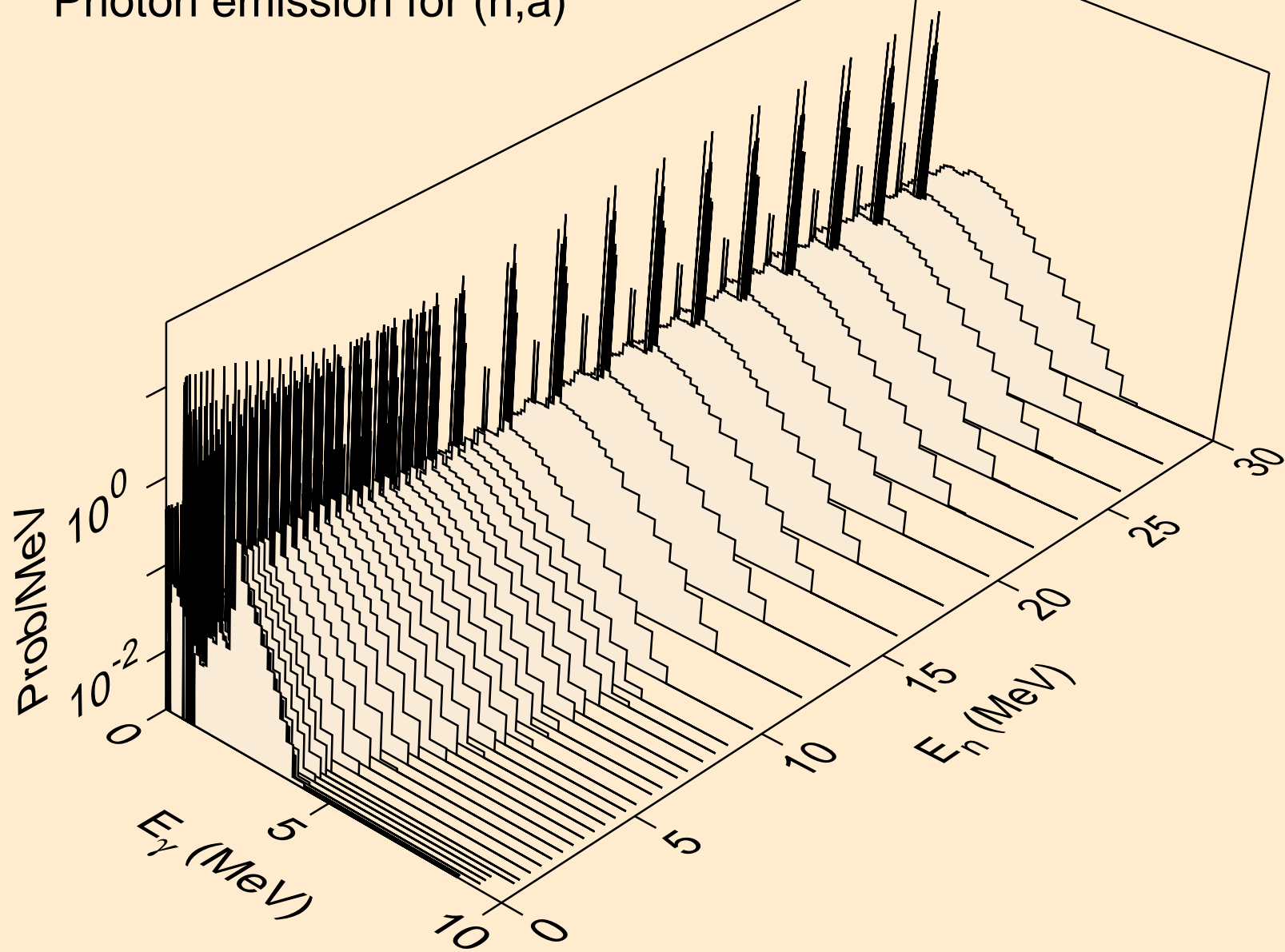
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Photon emission for (n,t)



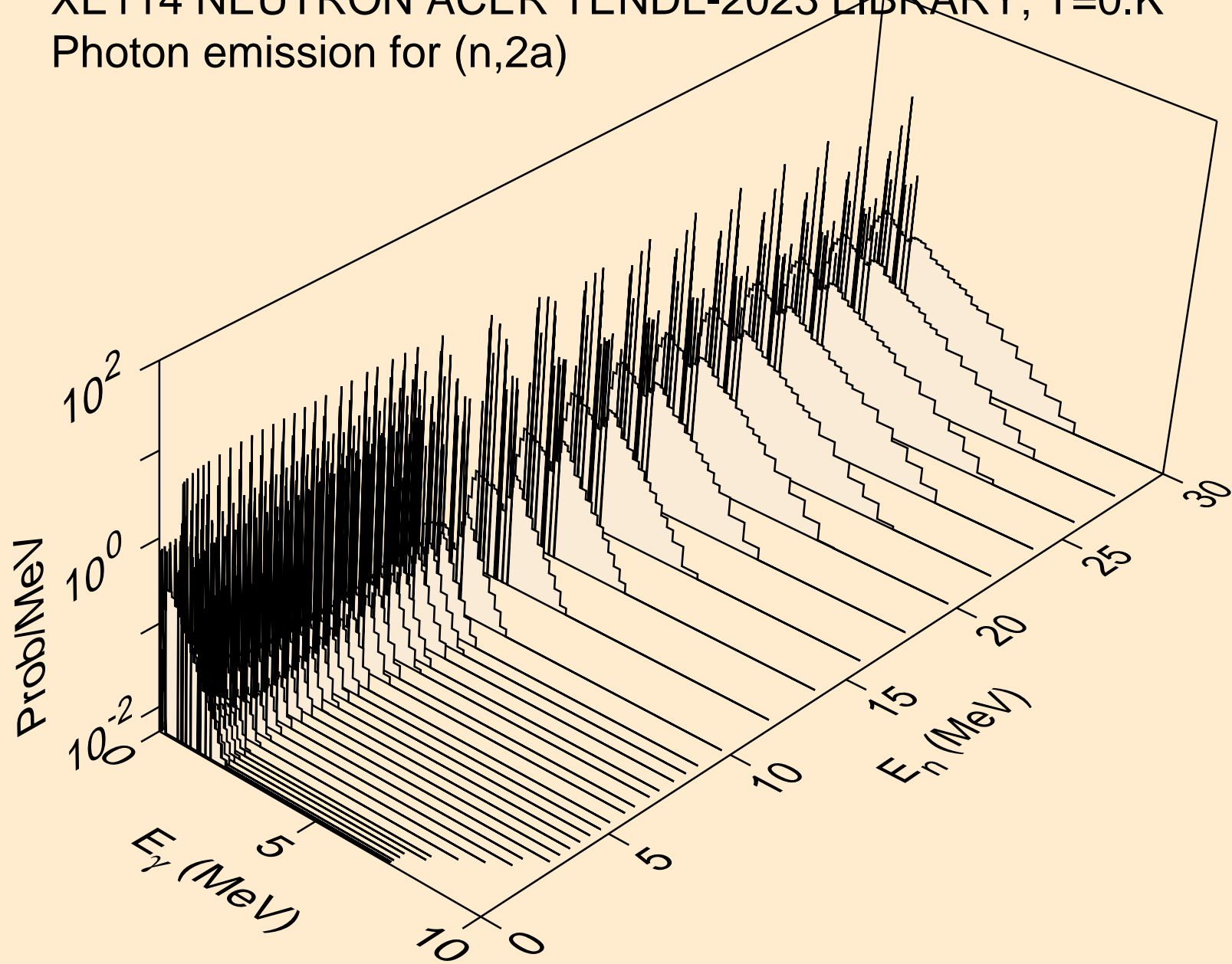
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Photon emission for (n,he3)



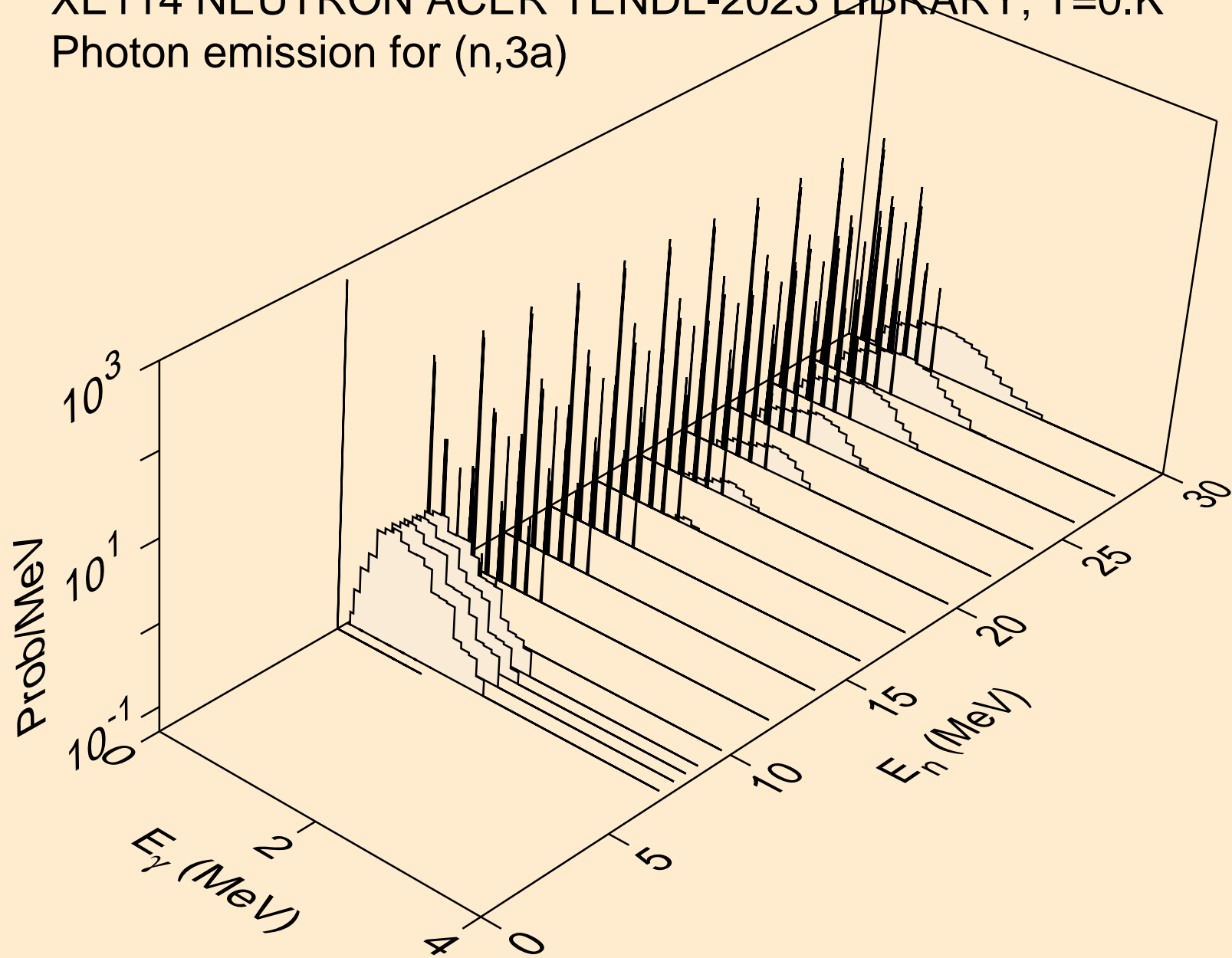
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

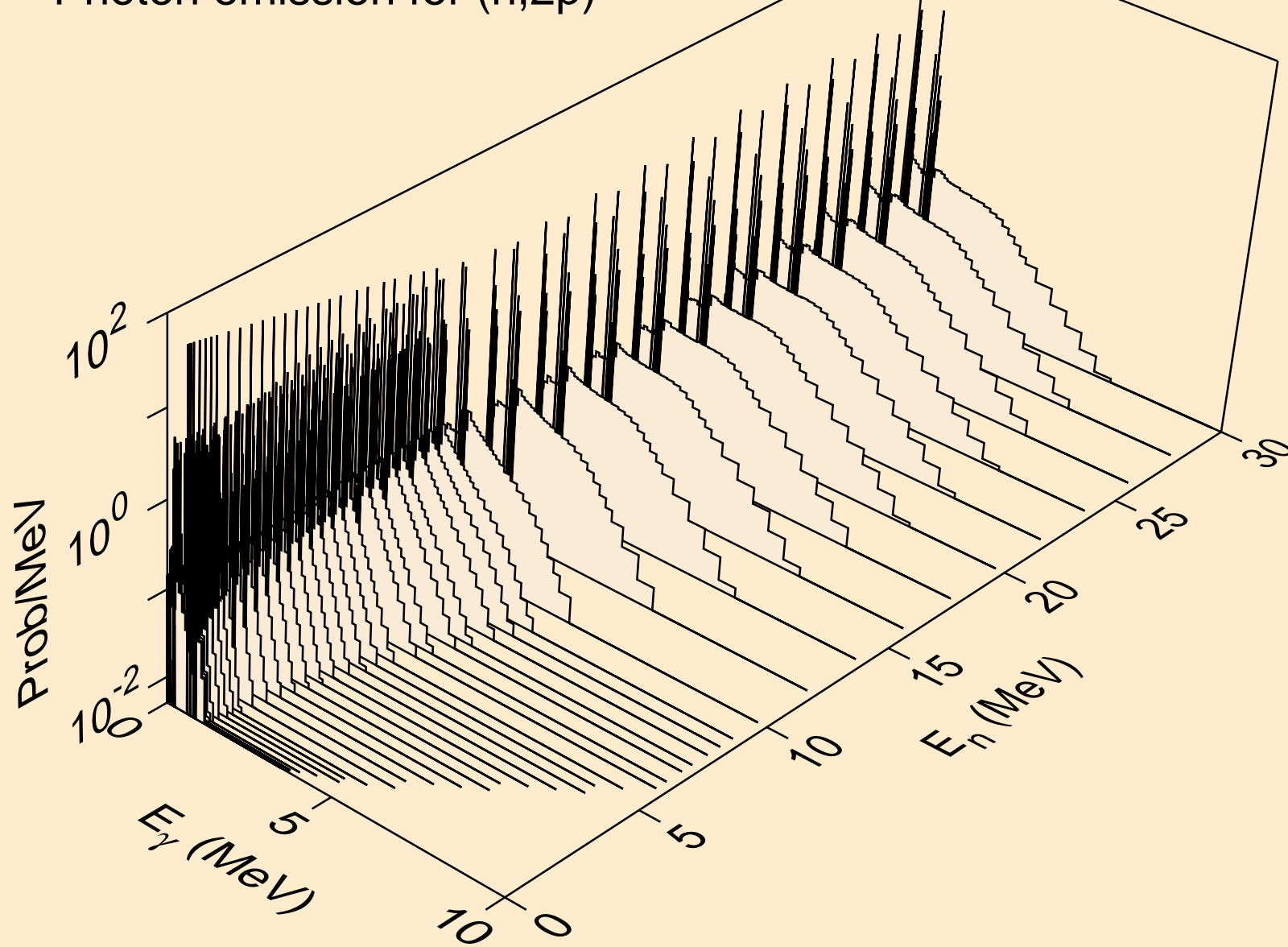


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

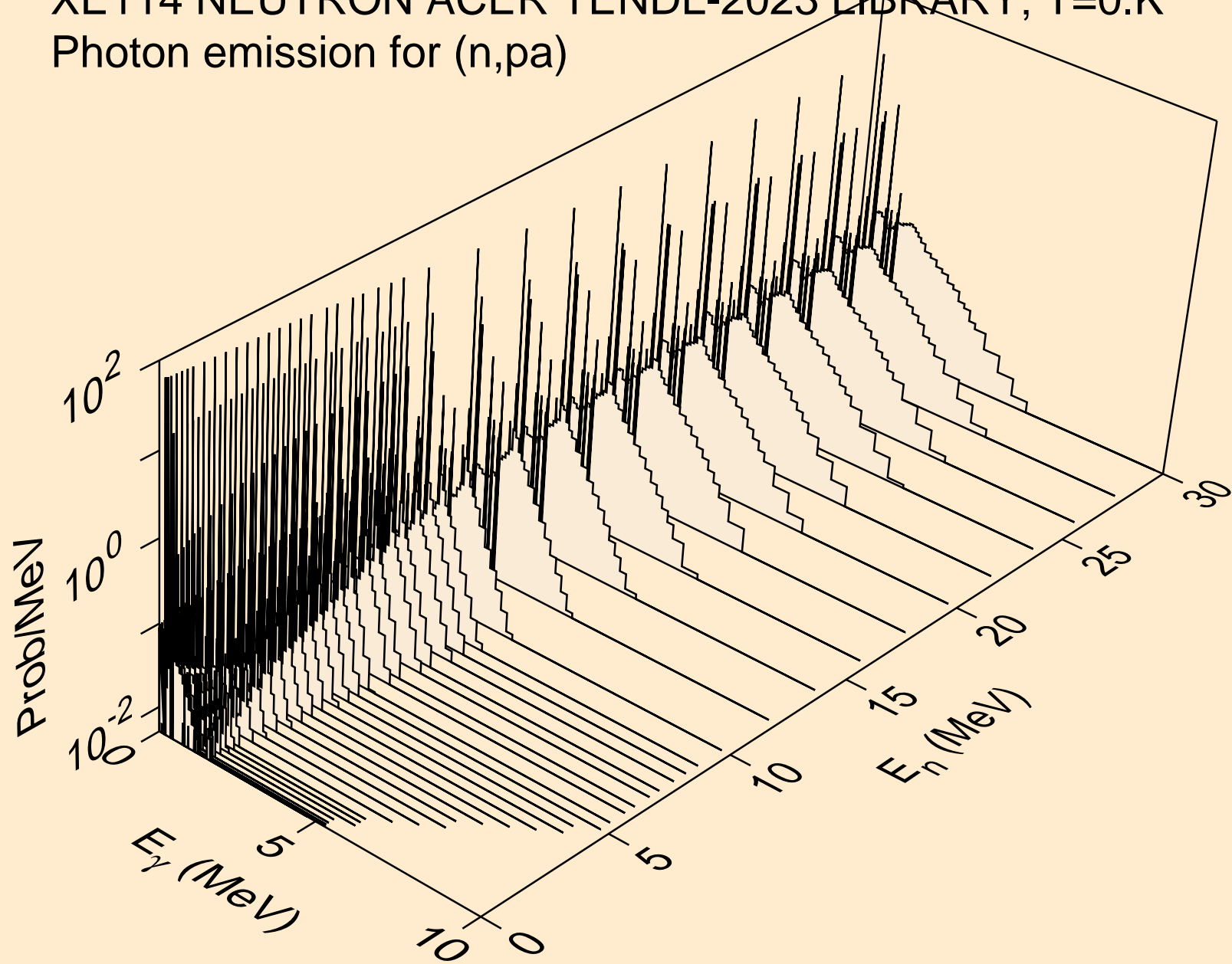




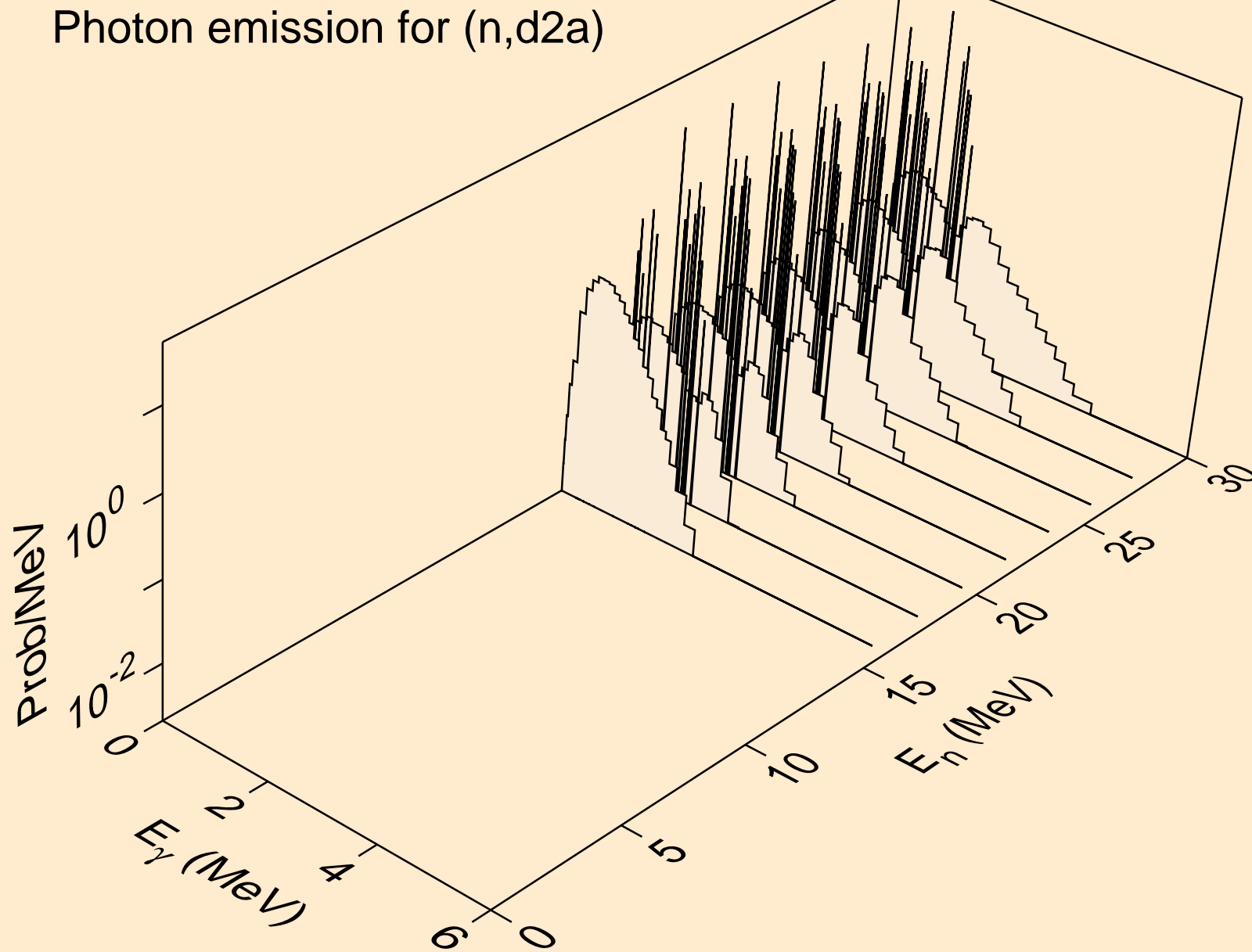
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Photon emission for (n,2p)



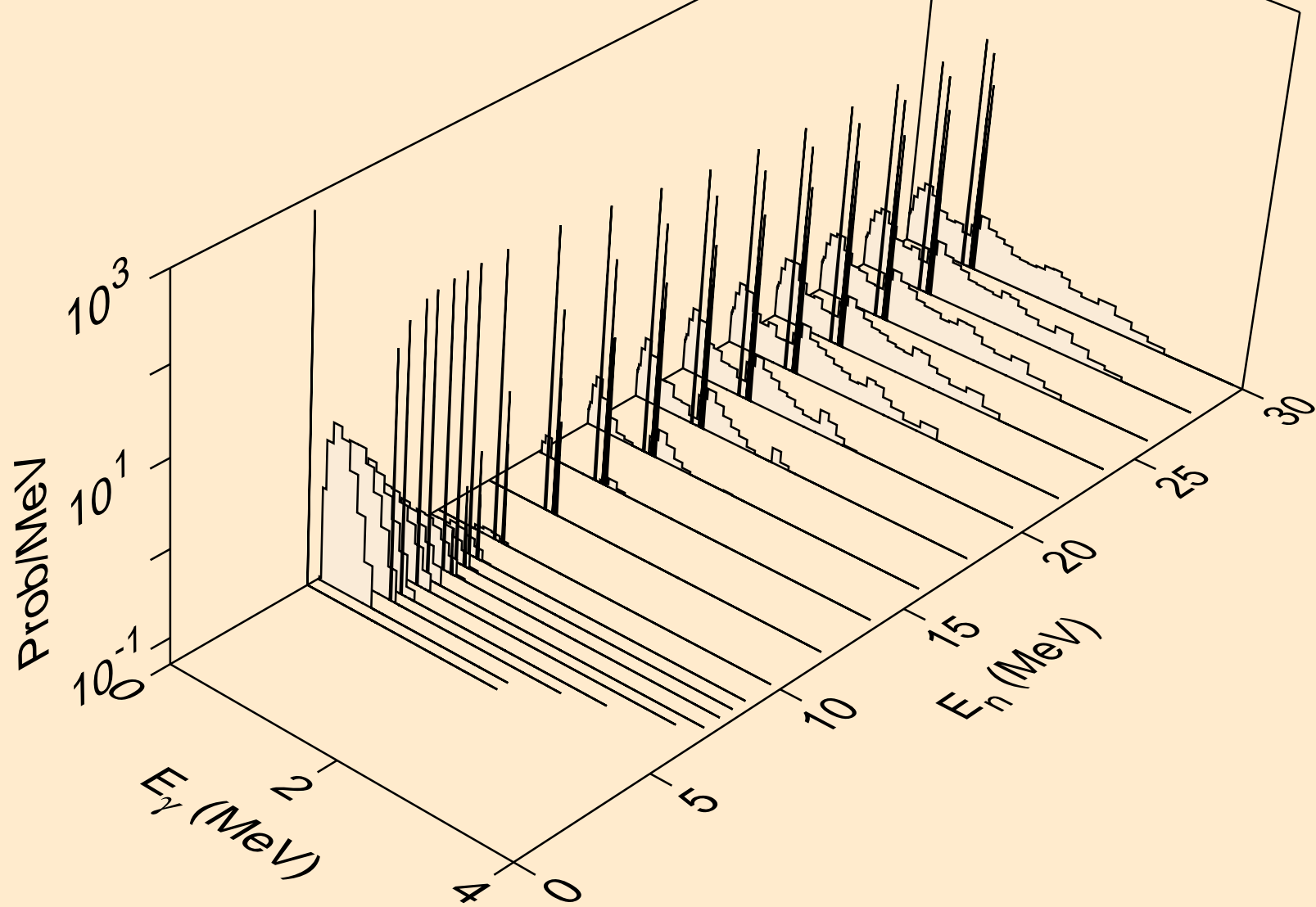
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Photon emission for (n,p $\alpha$ )



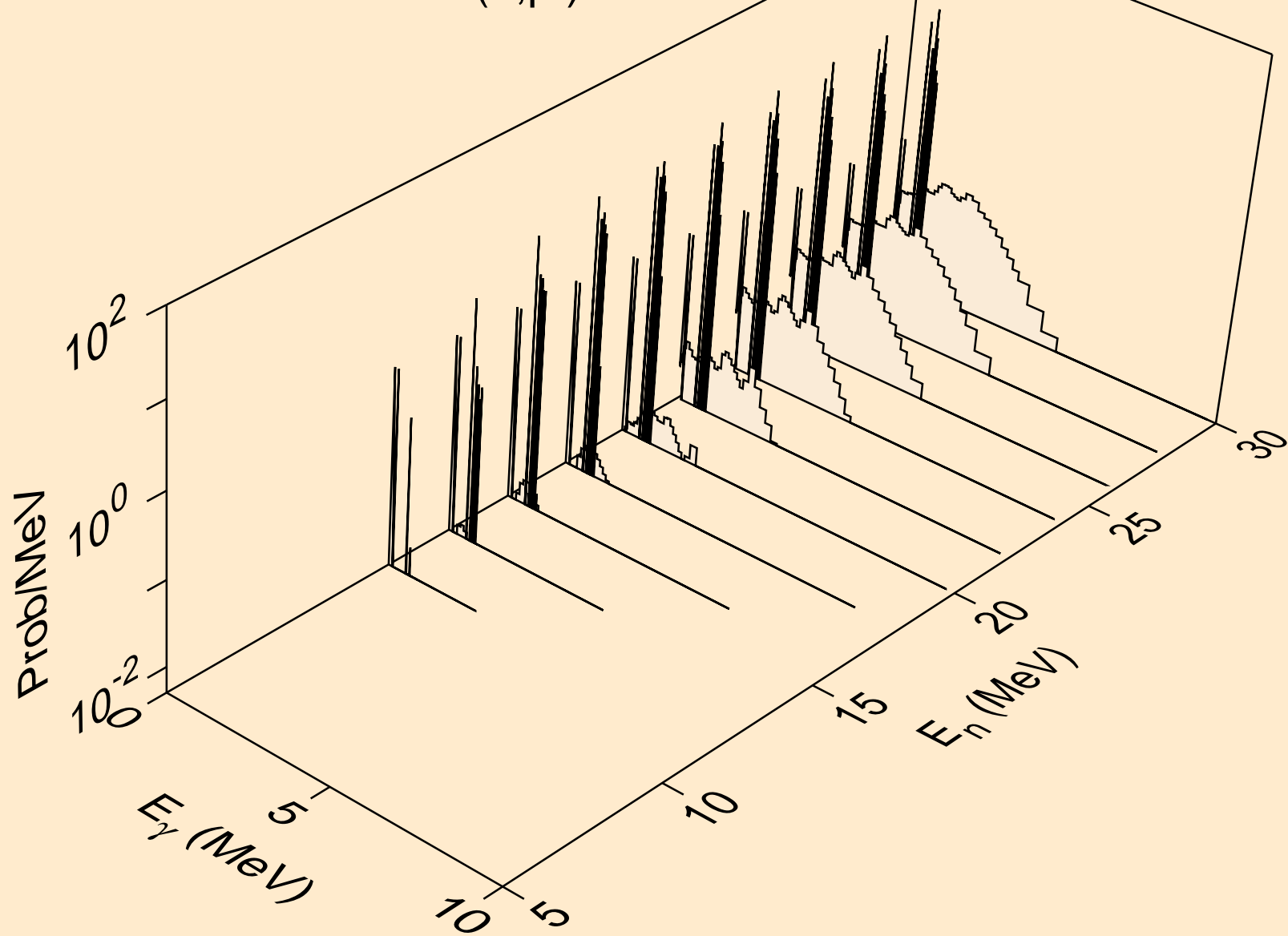
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Photon emission for (n,d2a)



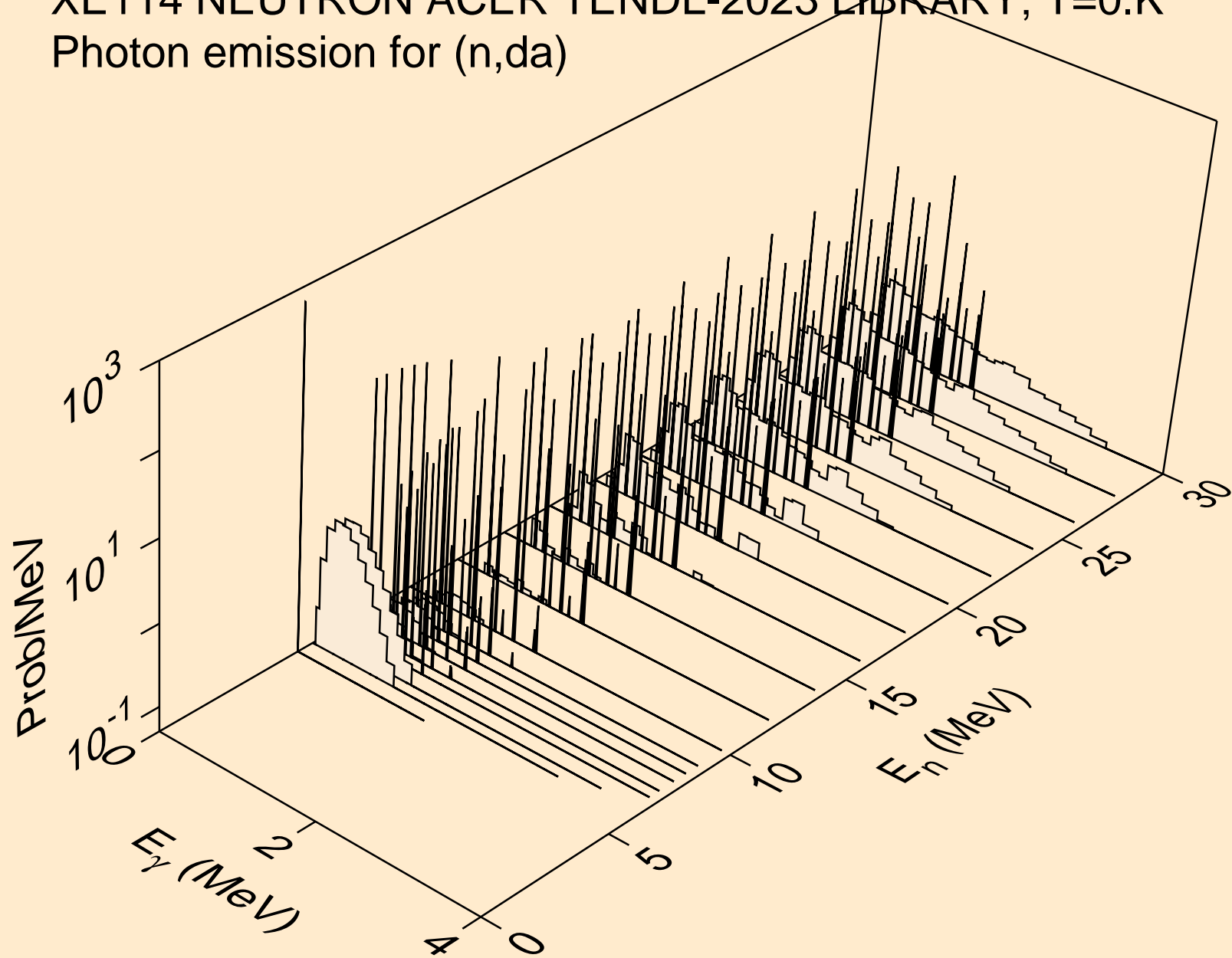
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



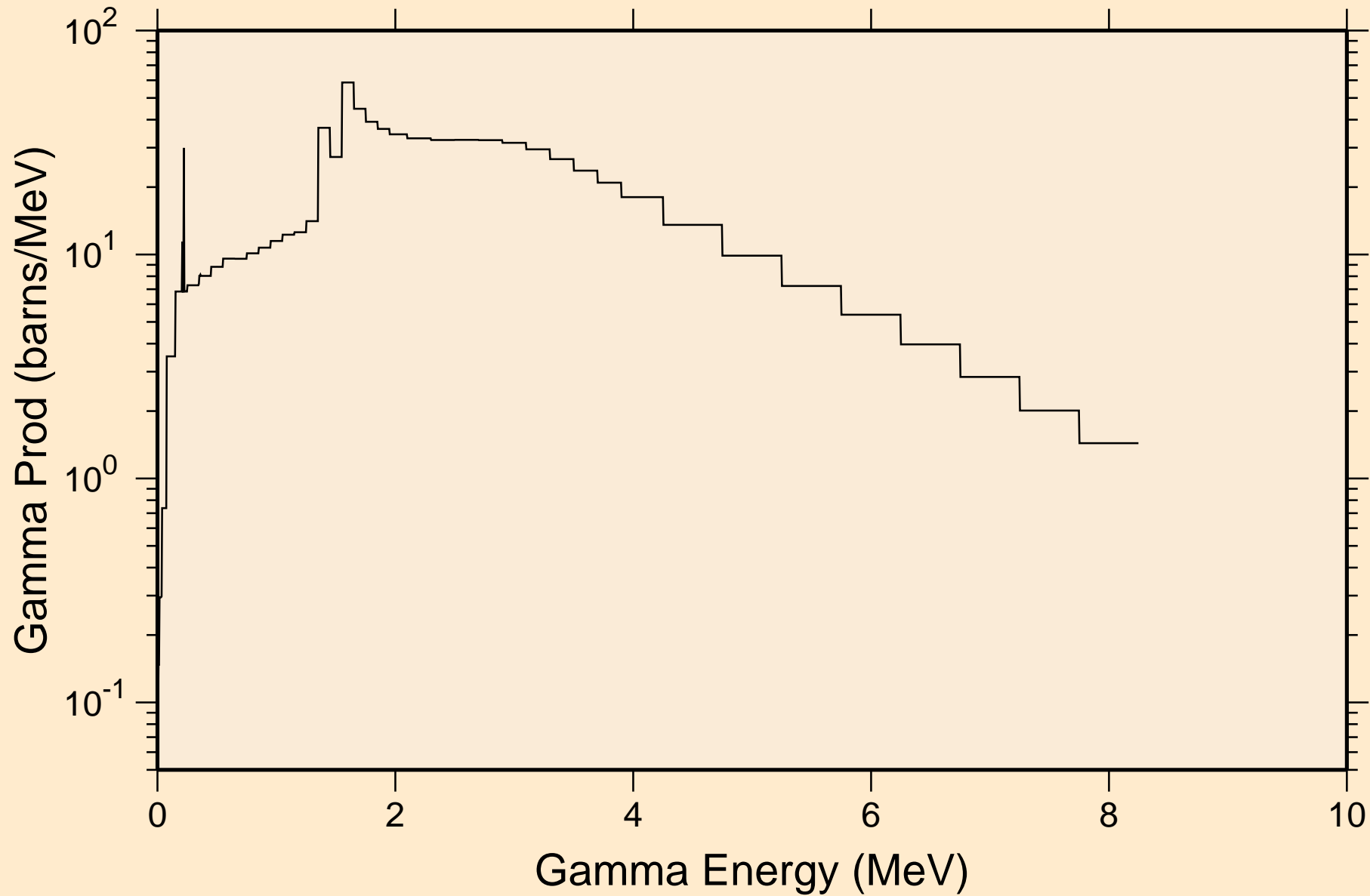
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



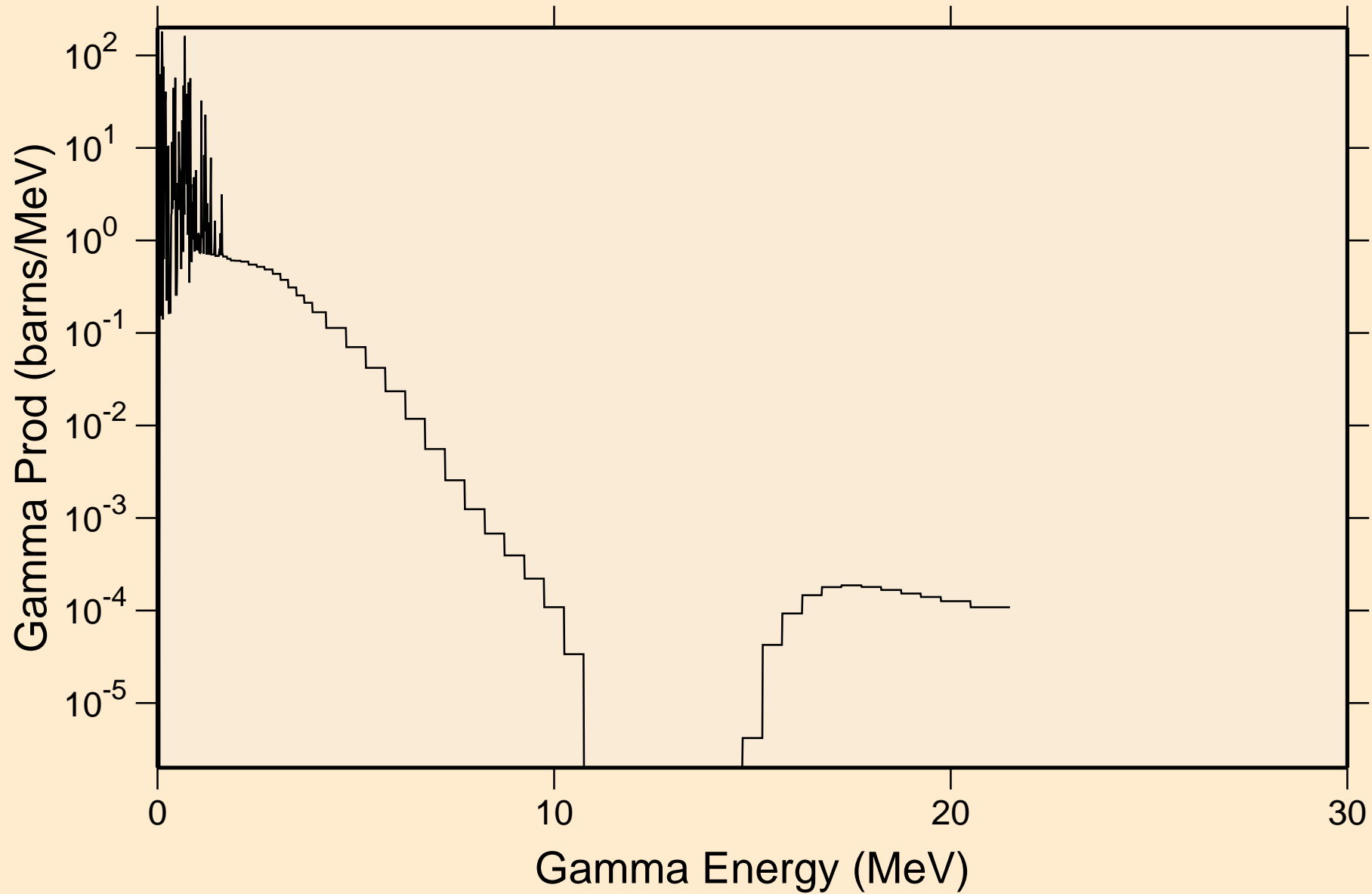
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



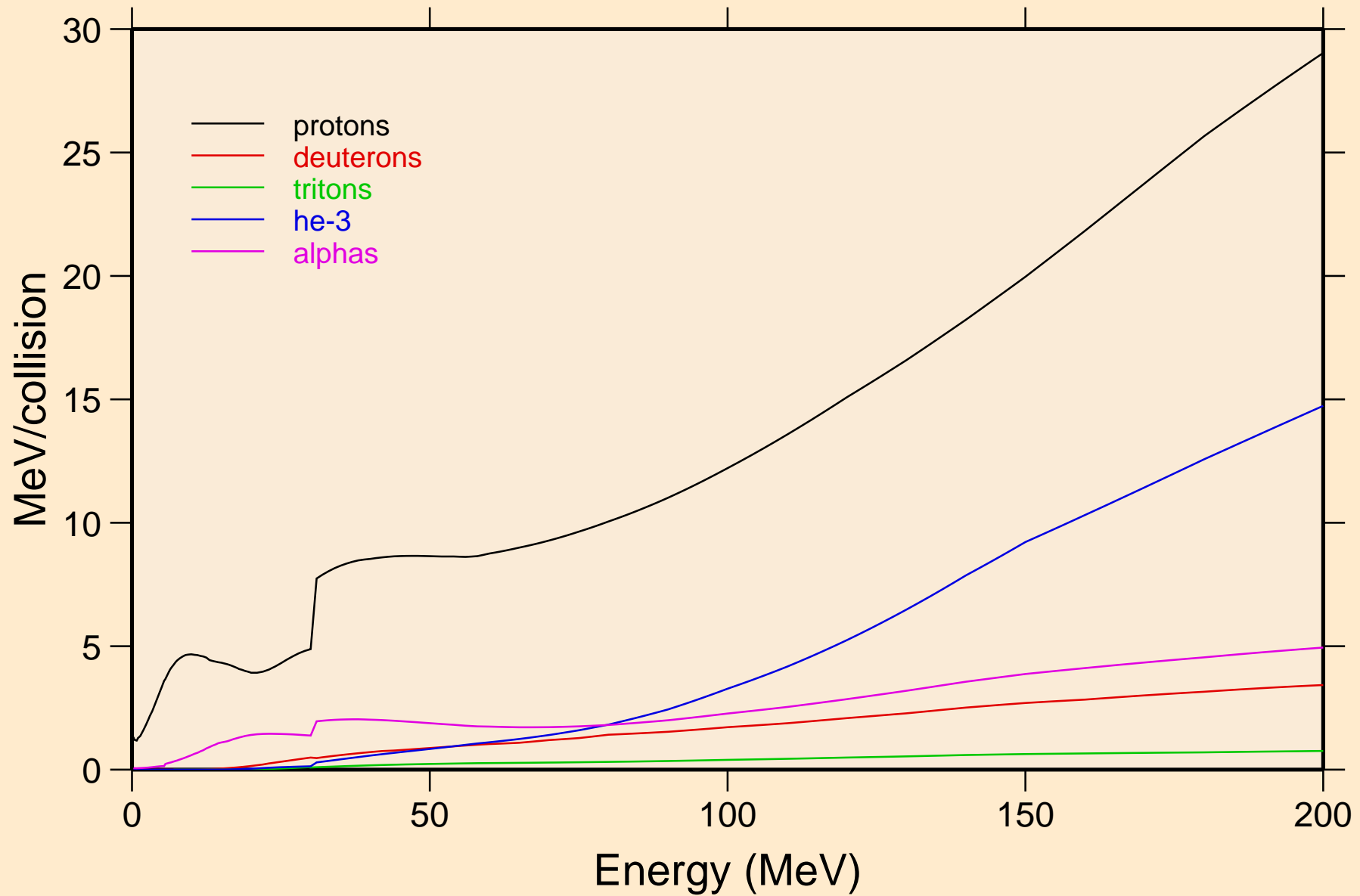
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14 MeV photon spectrum



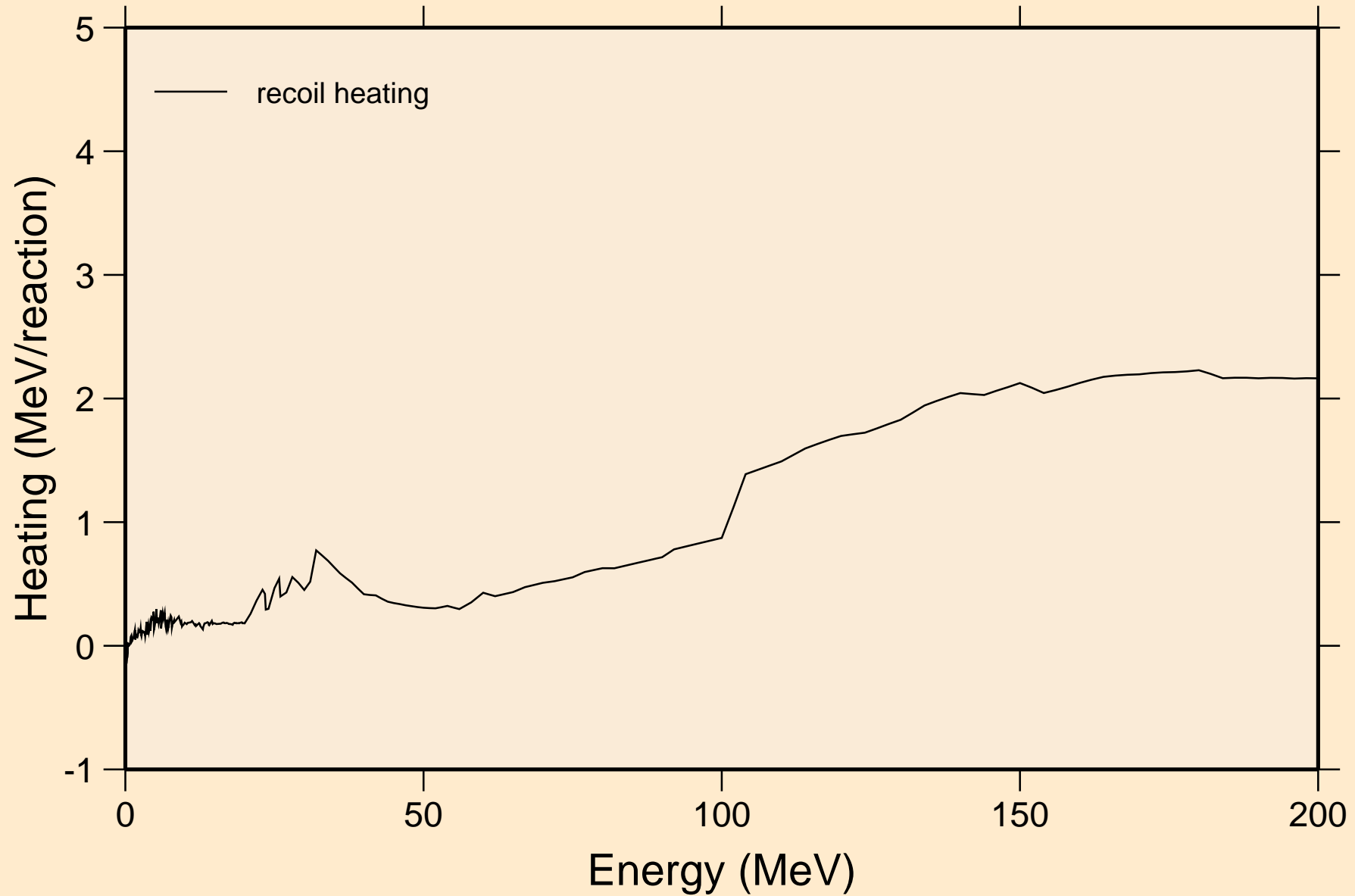


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

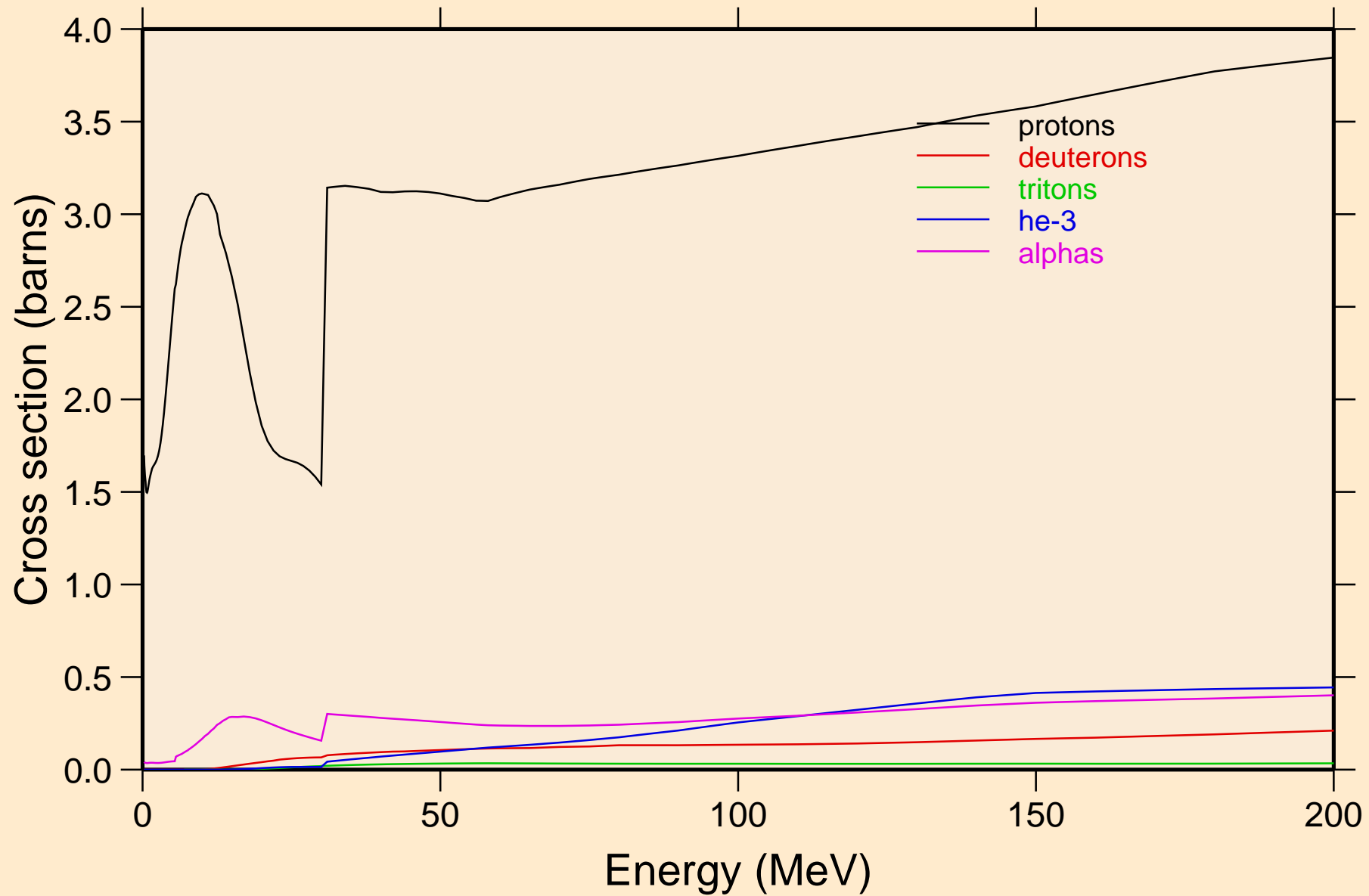


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

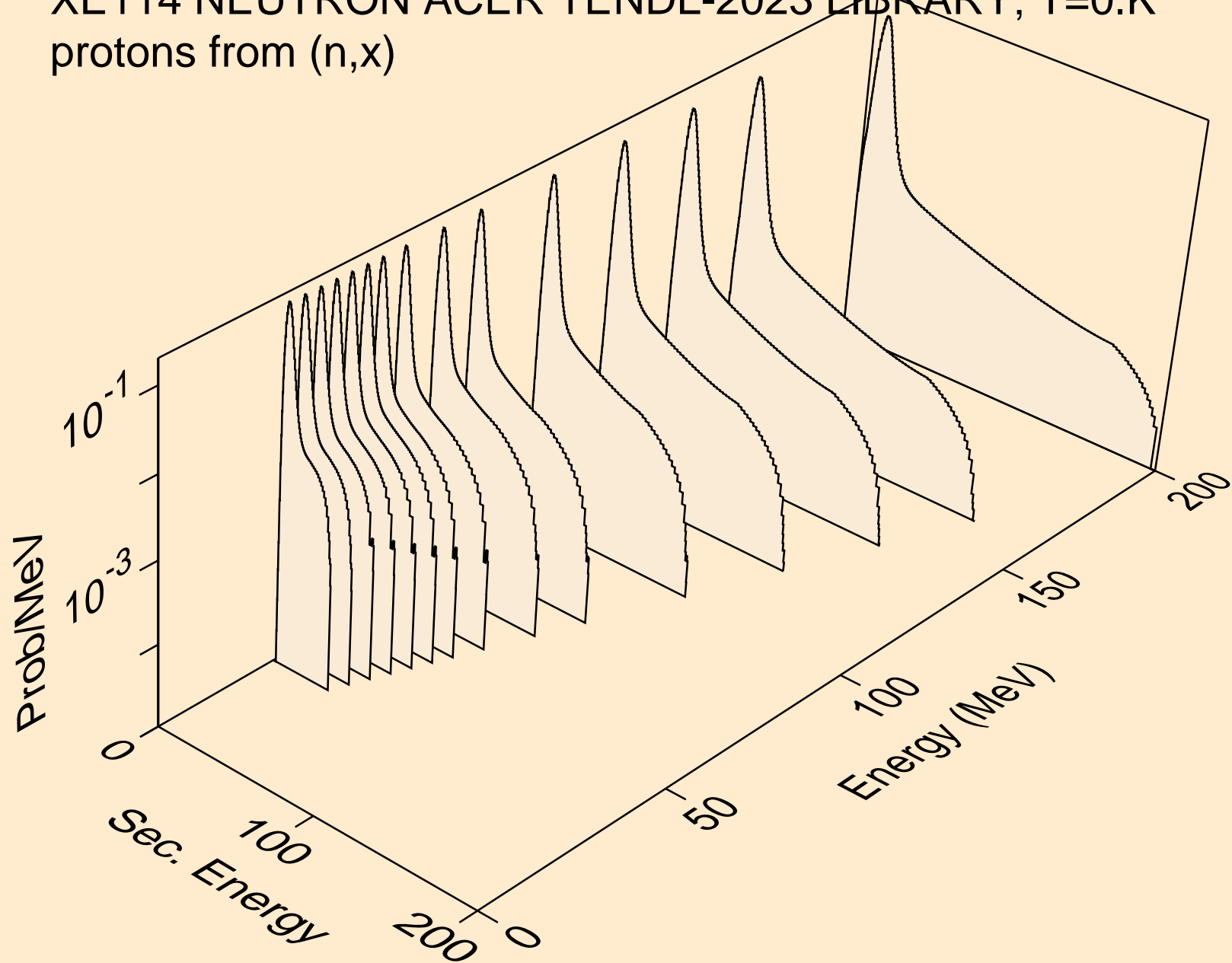


# XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

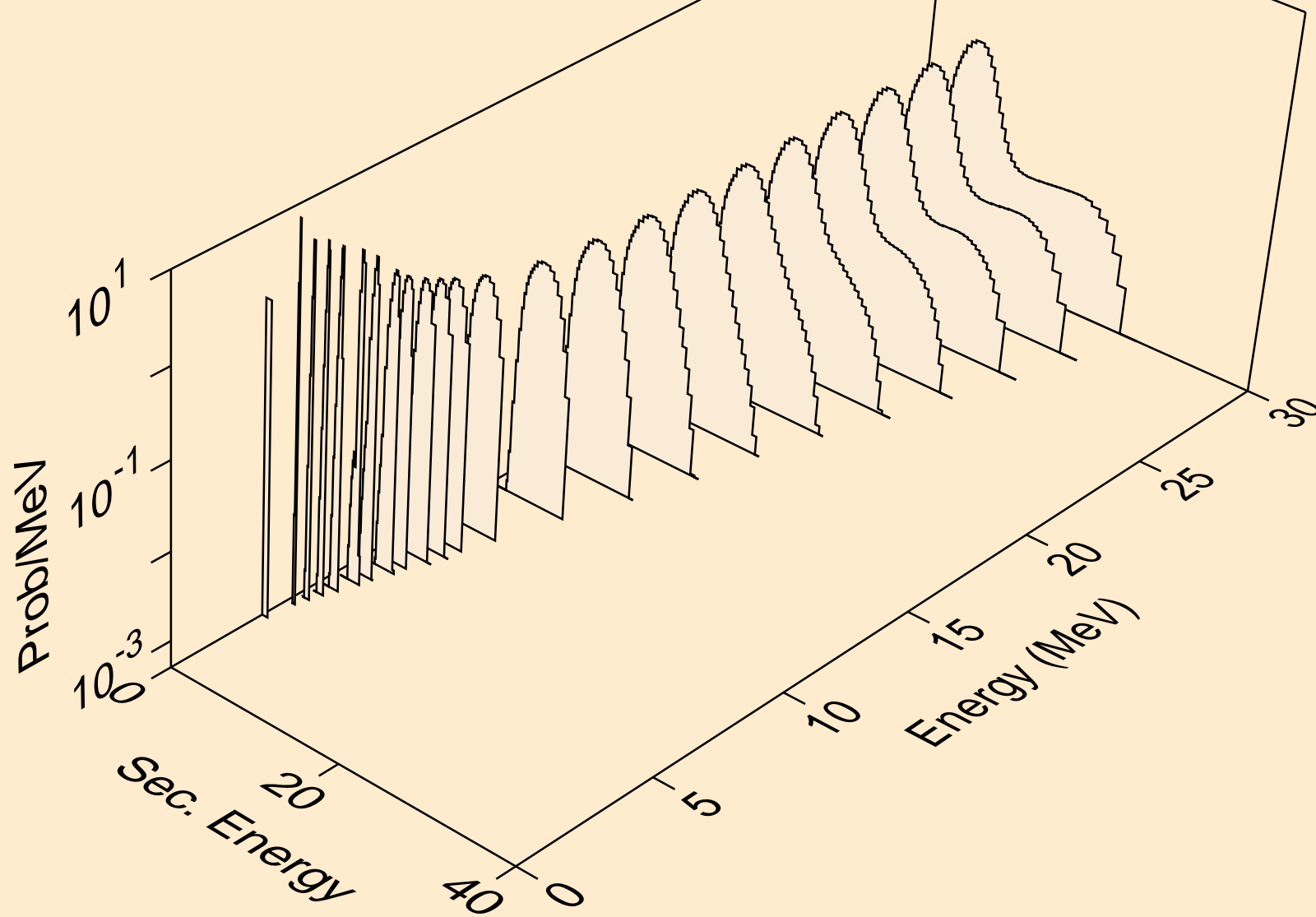
## Particle production cross sections



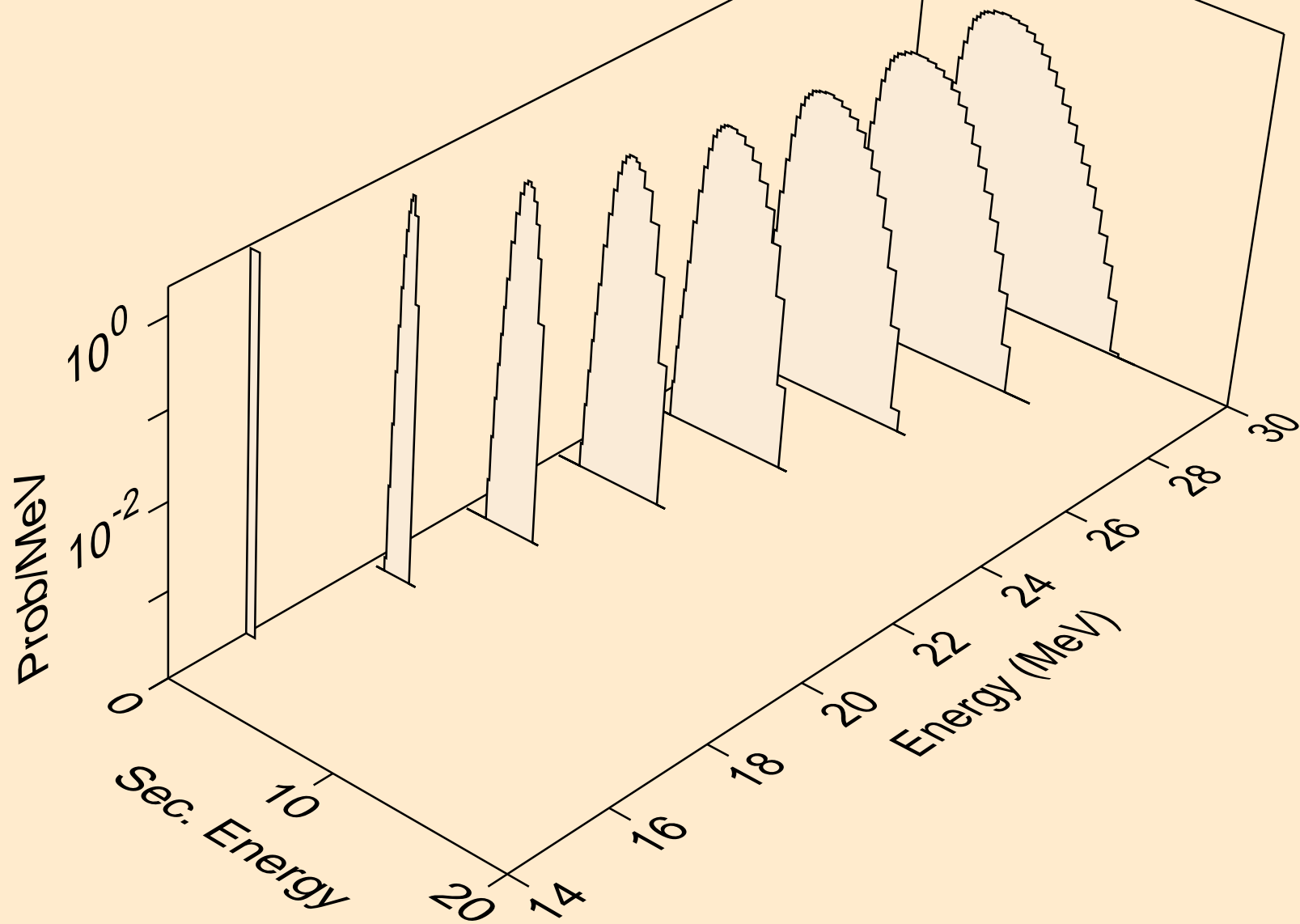
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



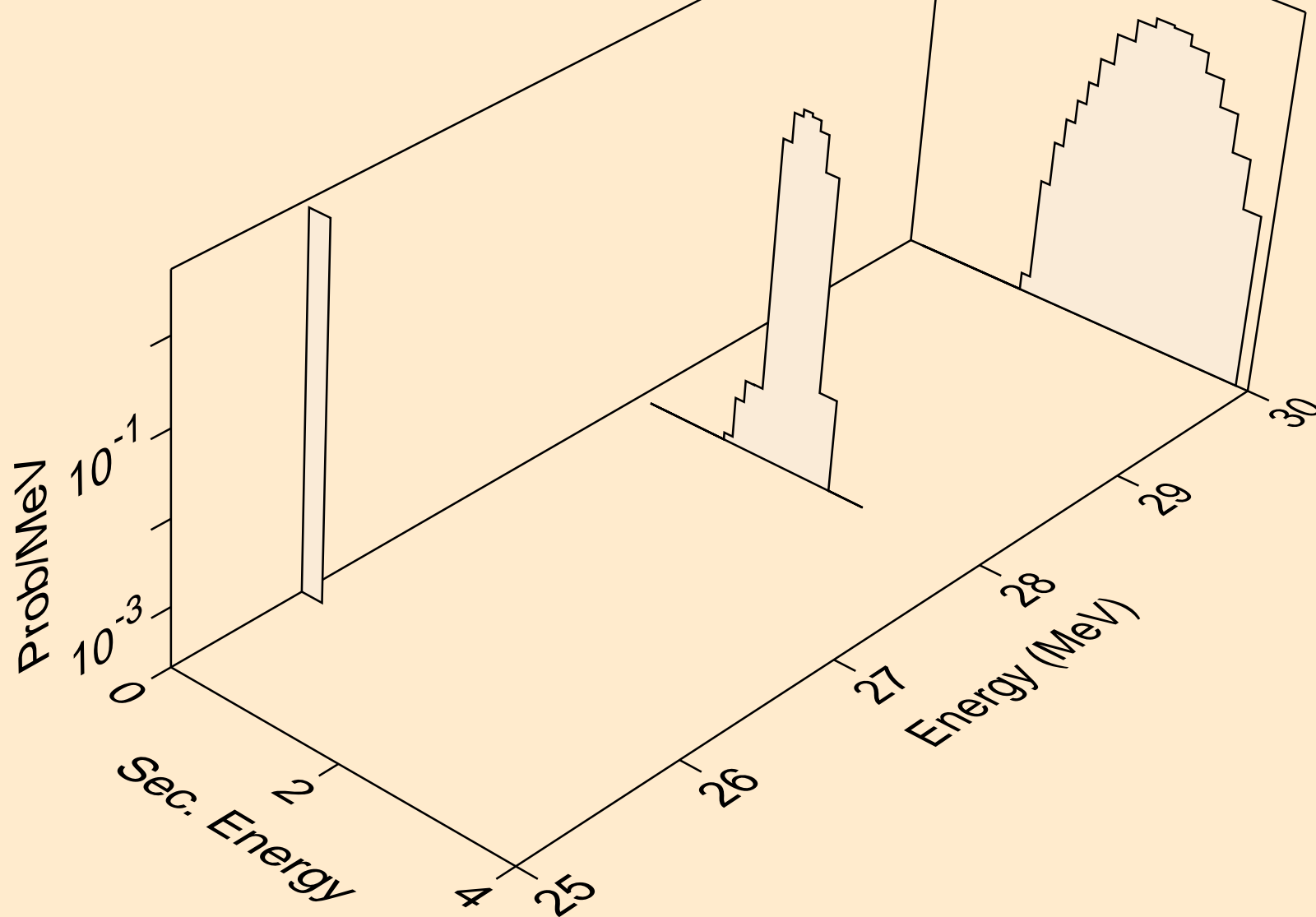
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protons from (n,n\*)p



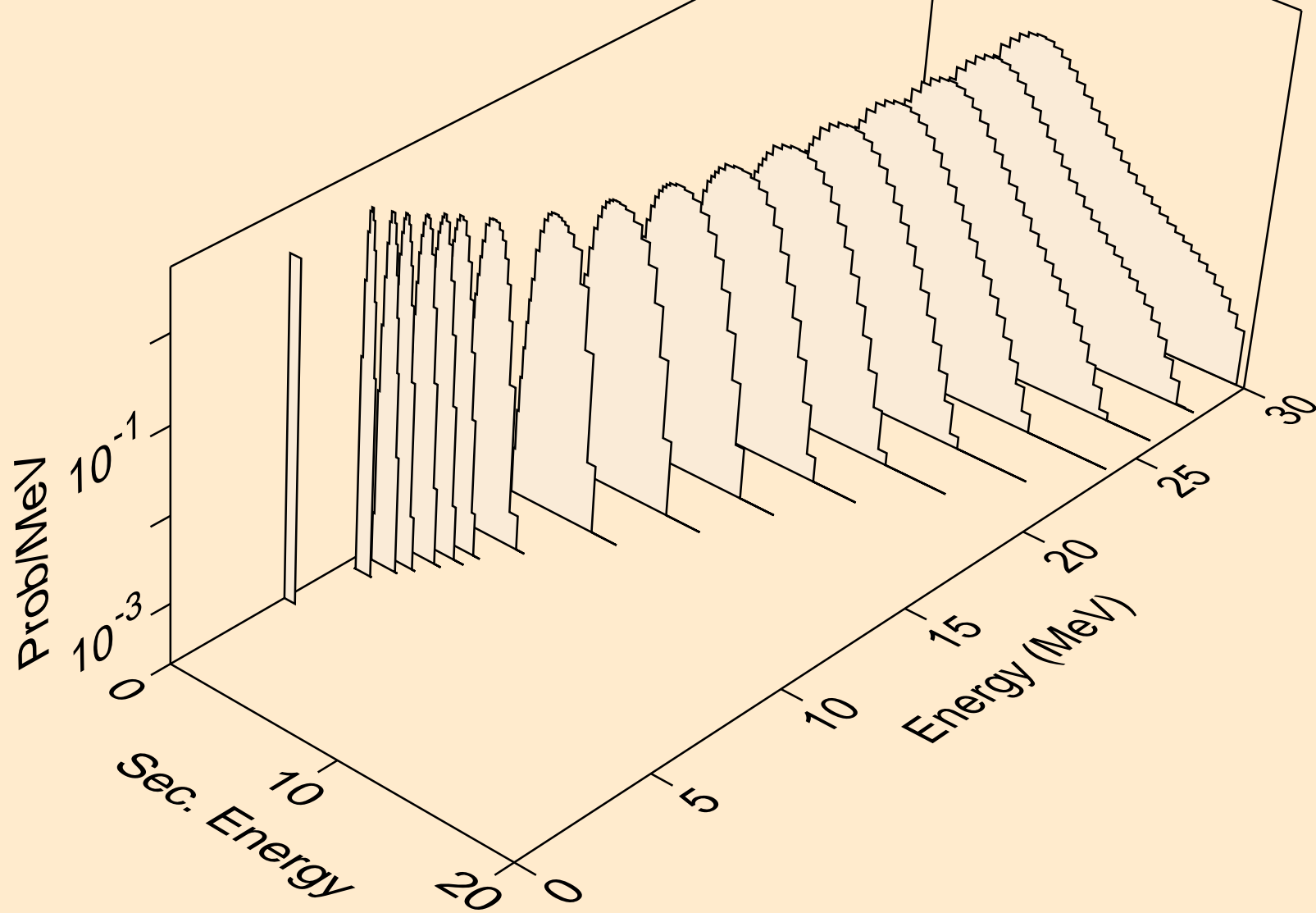
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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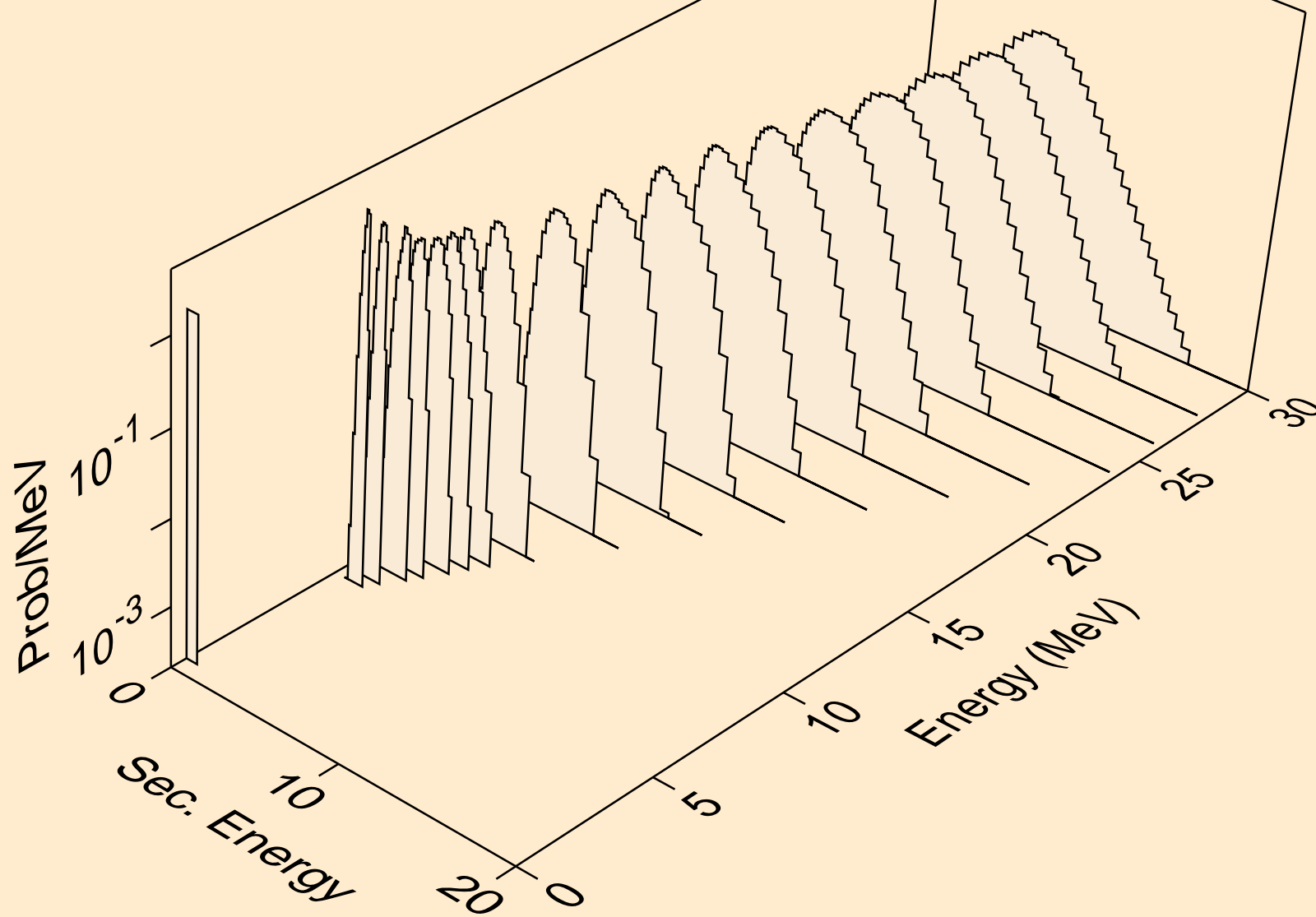


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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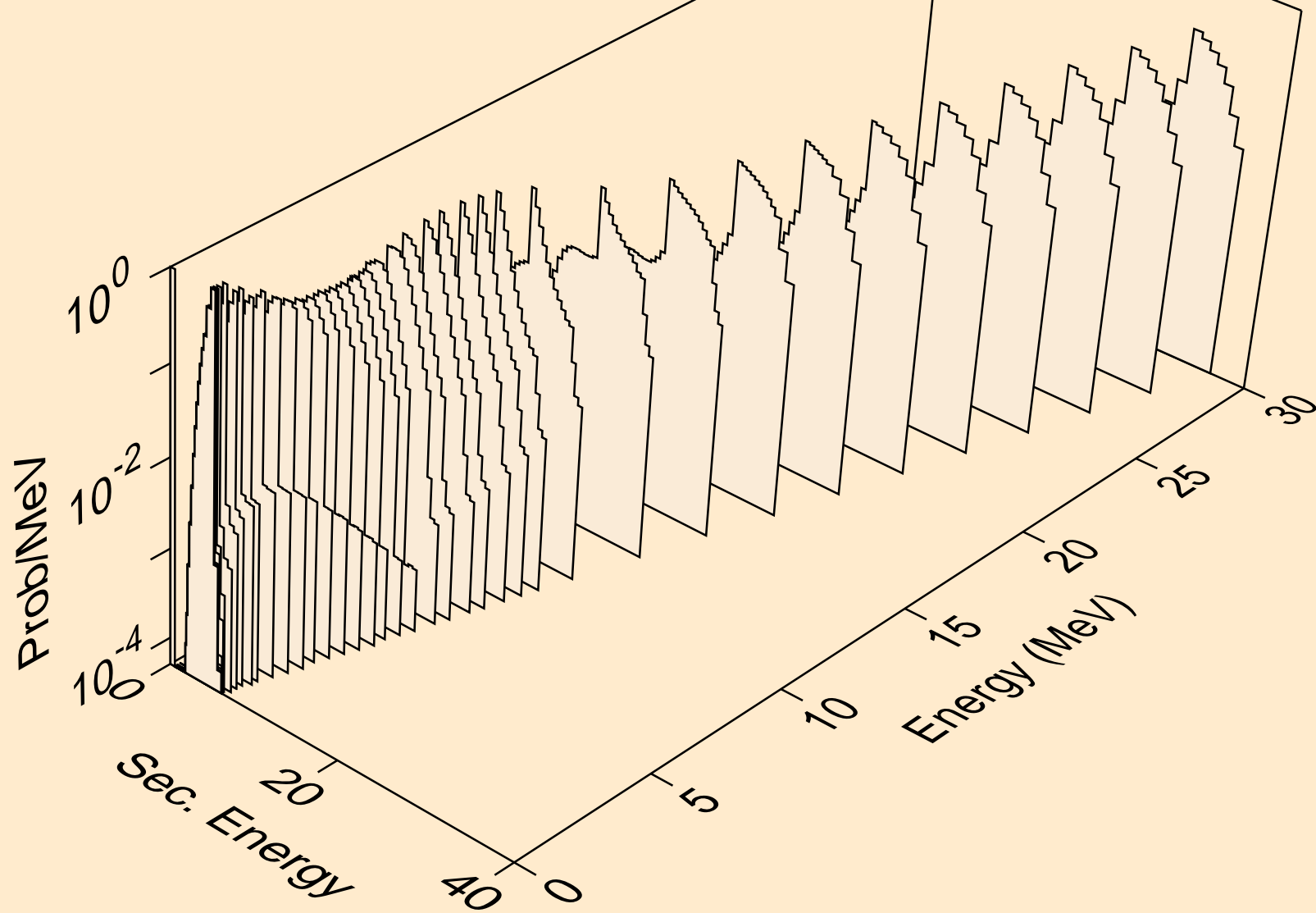




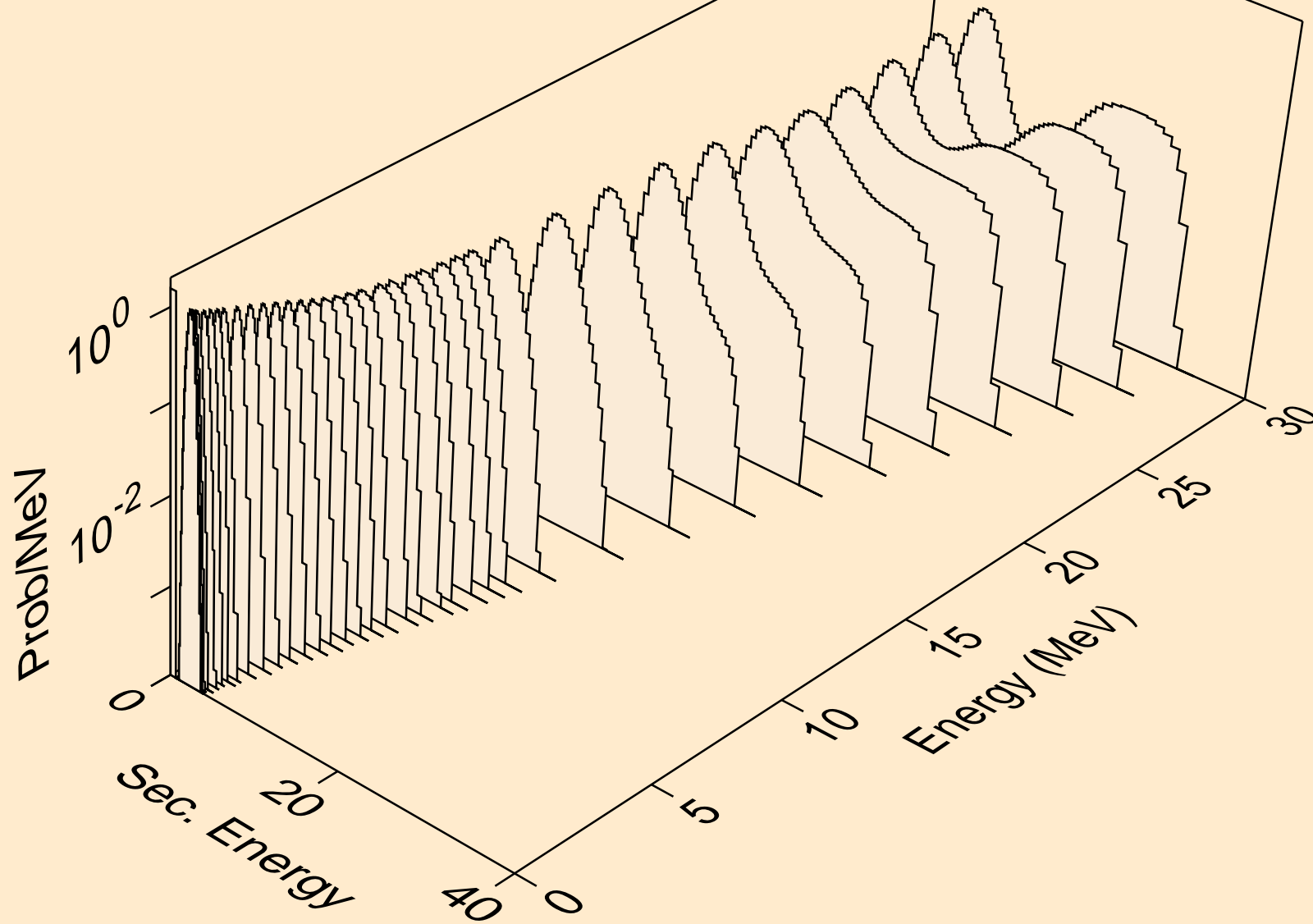
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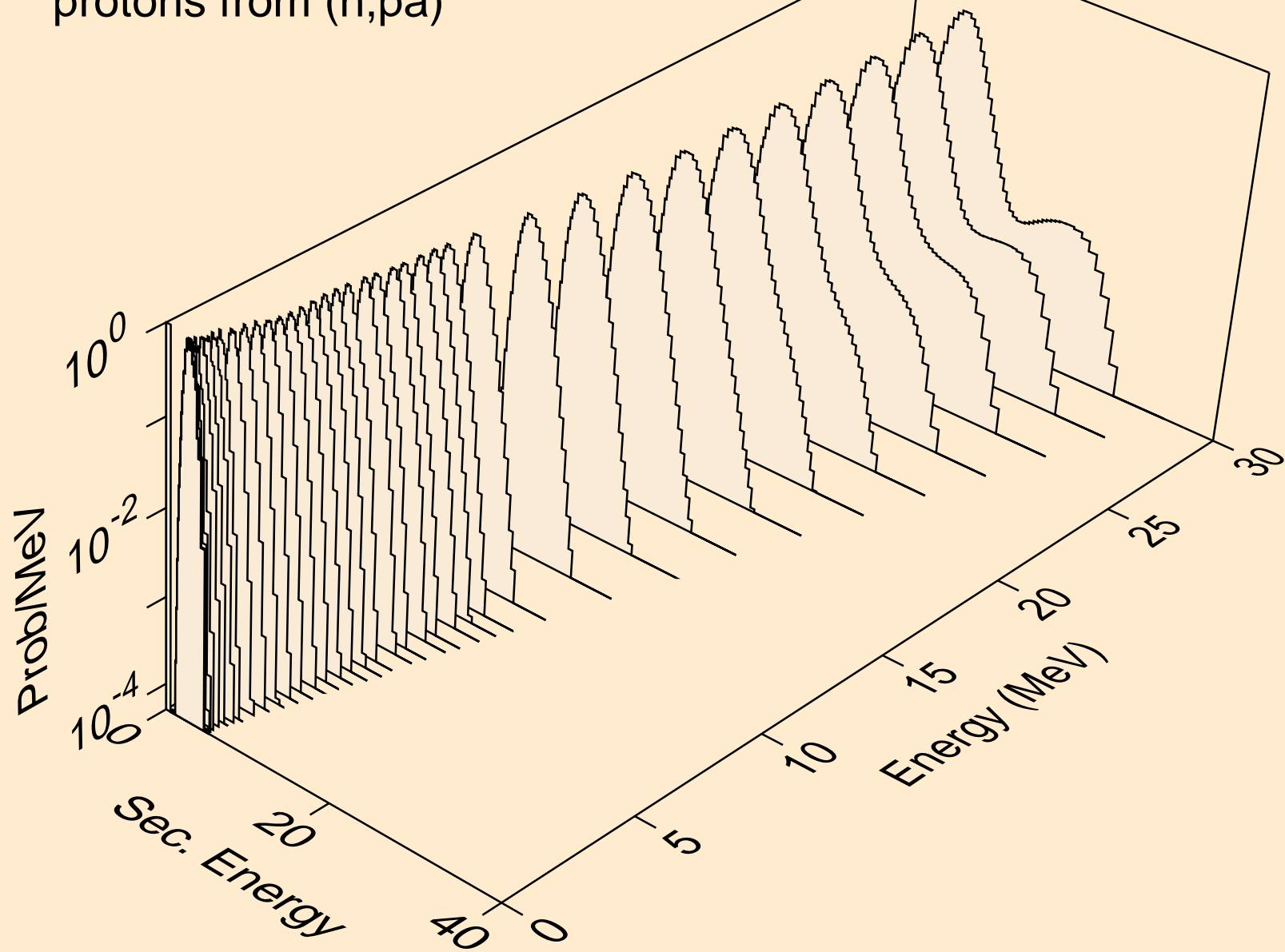
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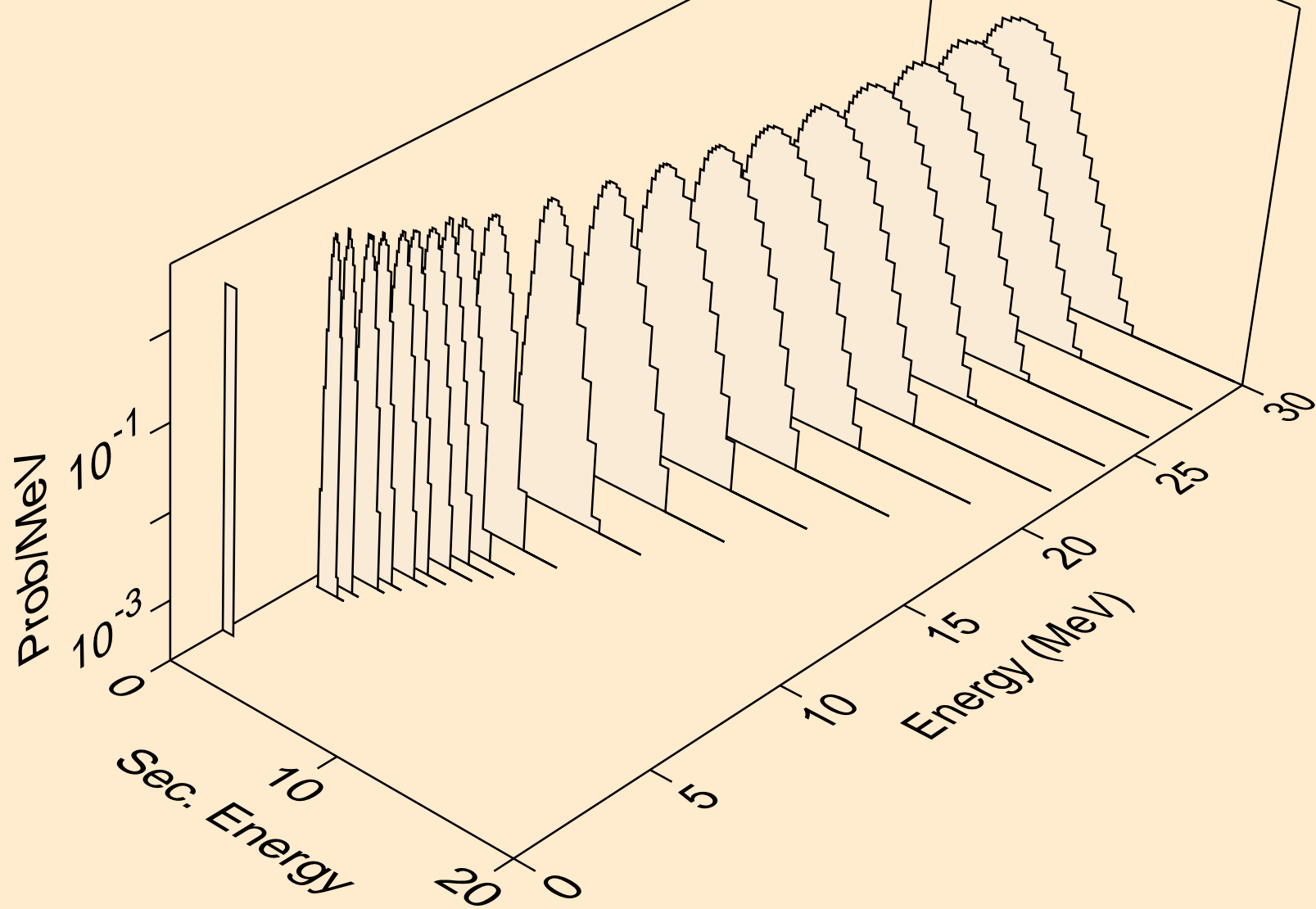
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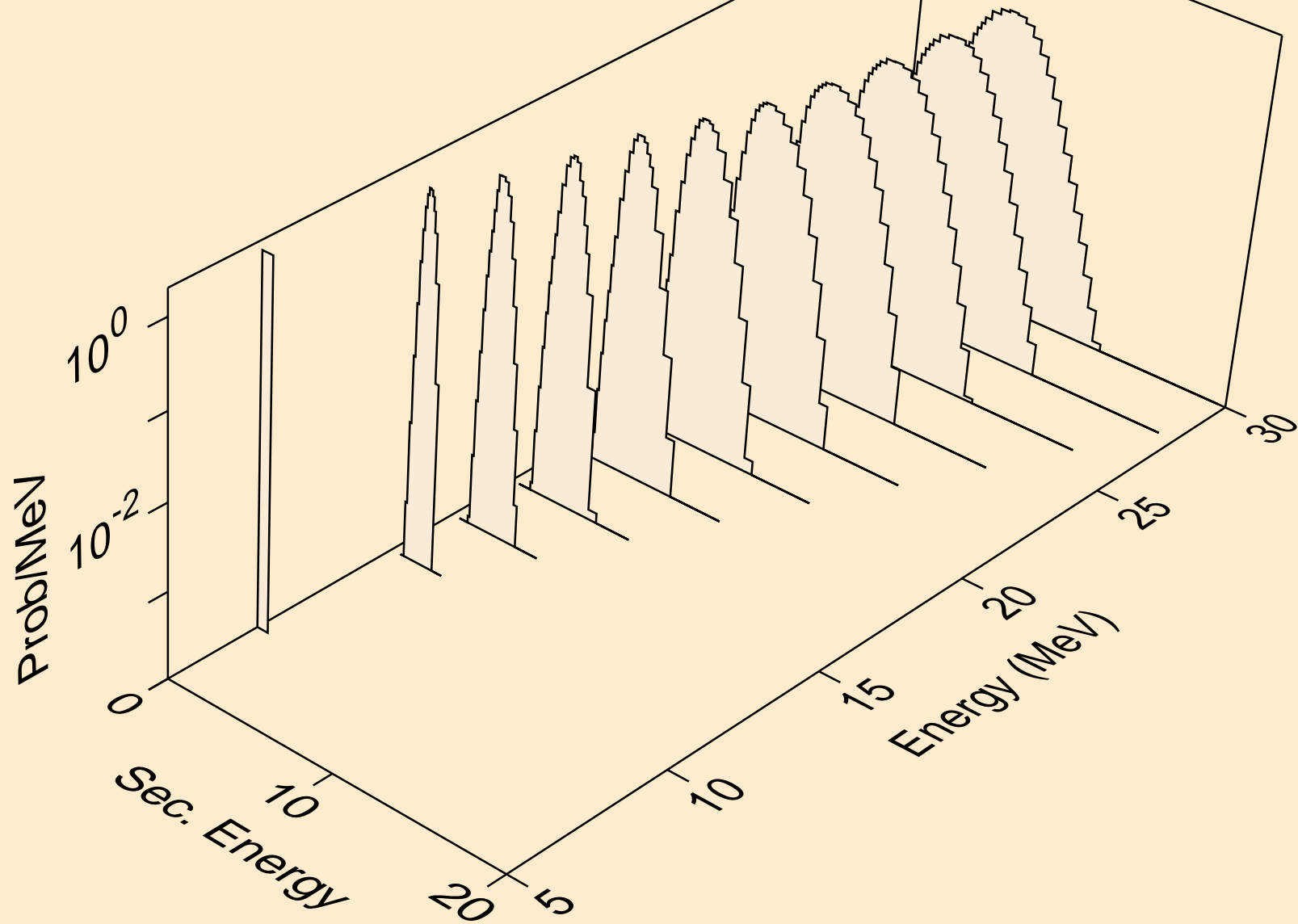
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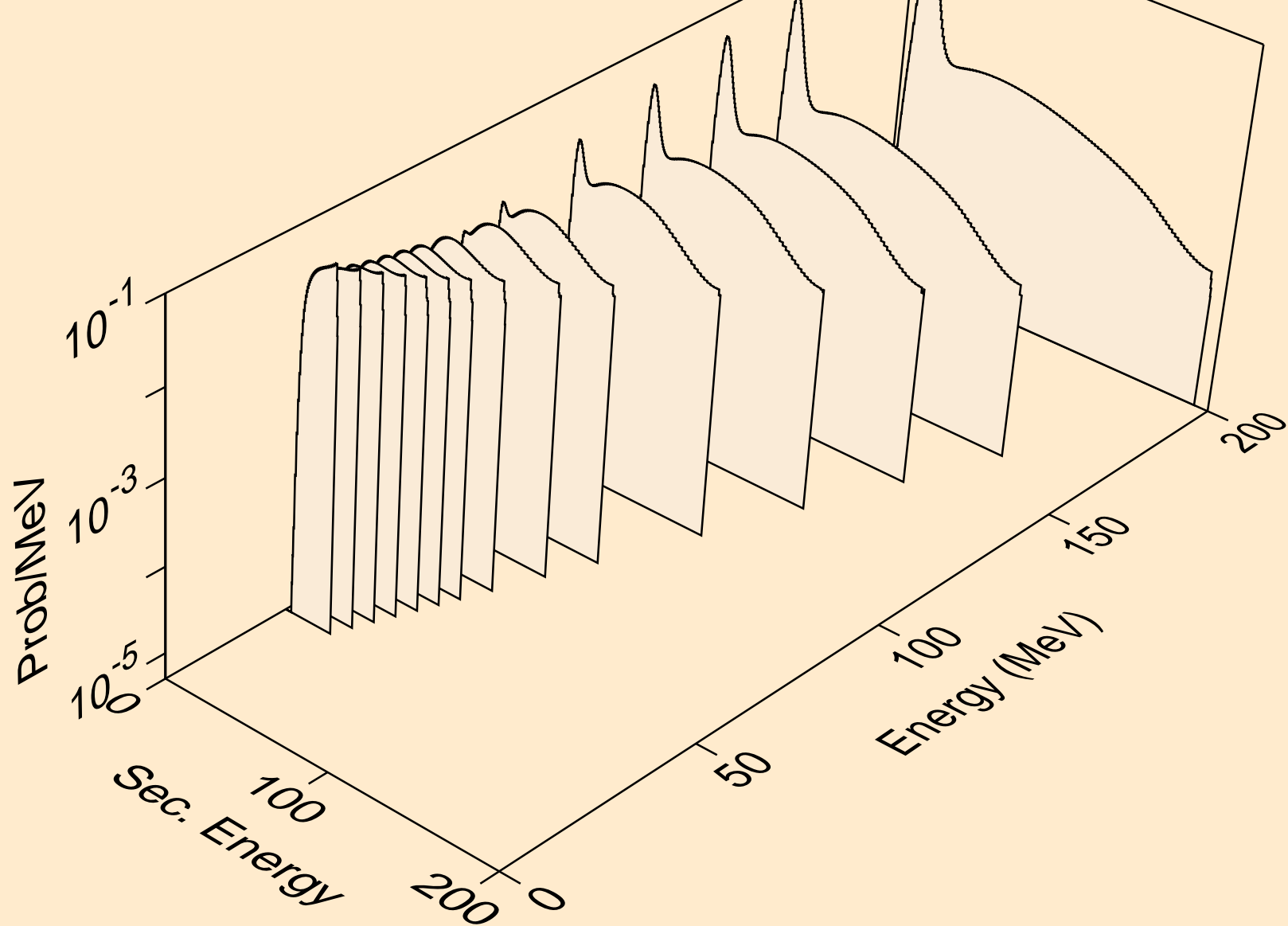
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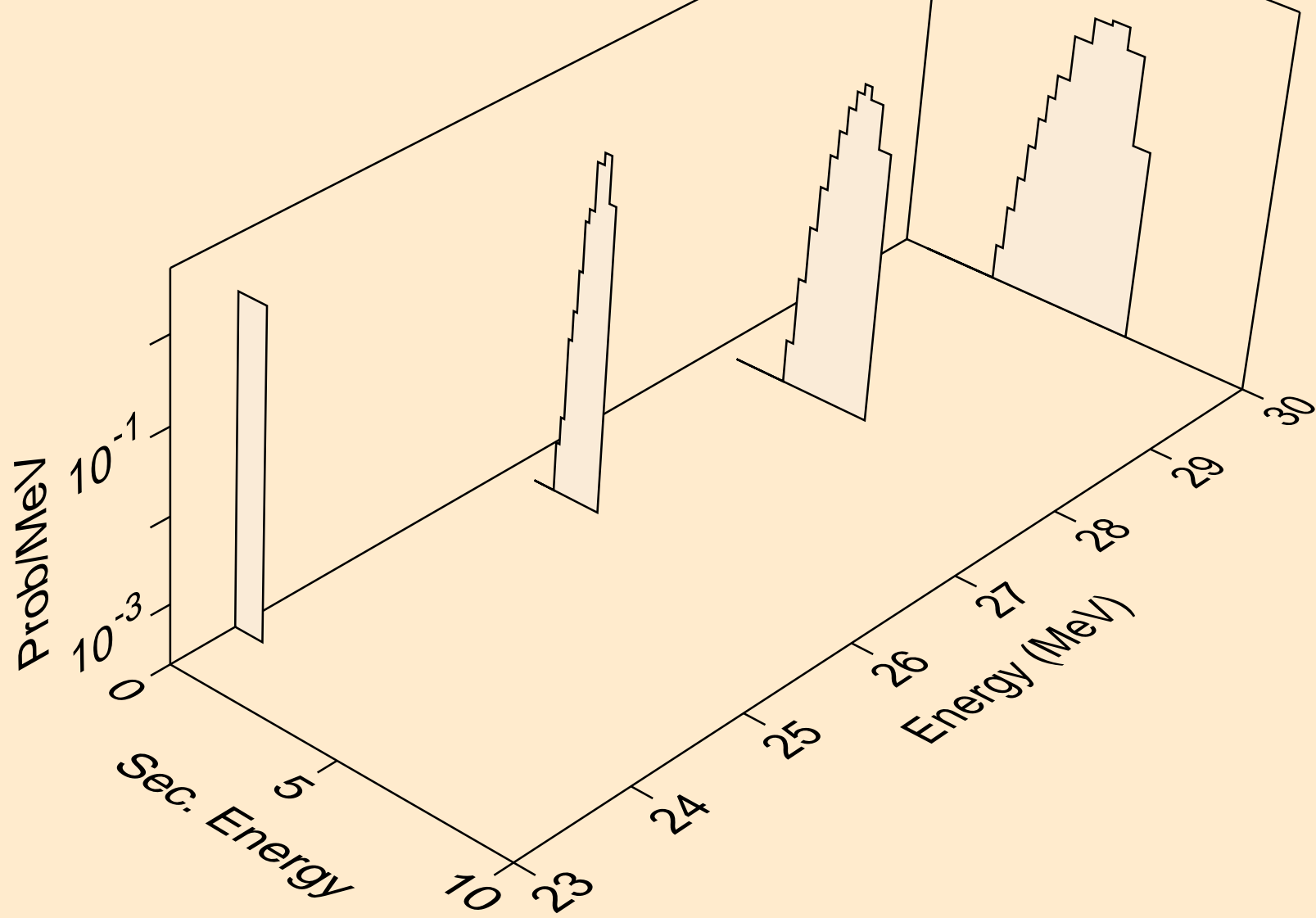
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protons from (n,pt)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

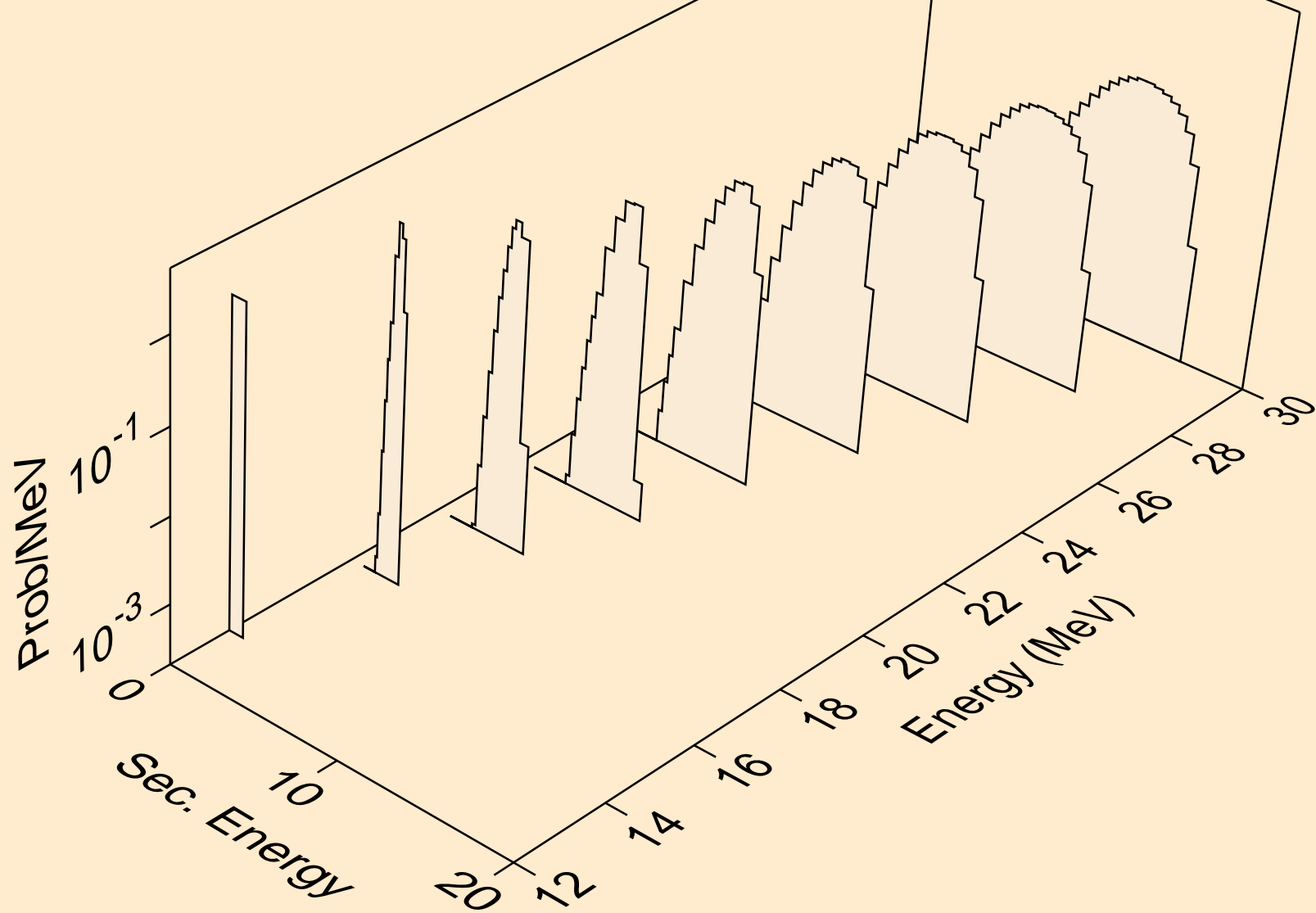


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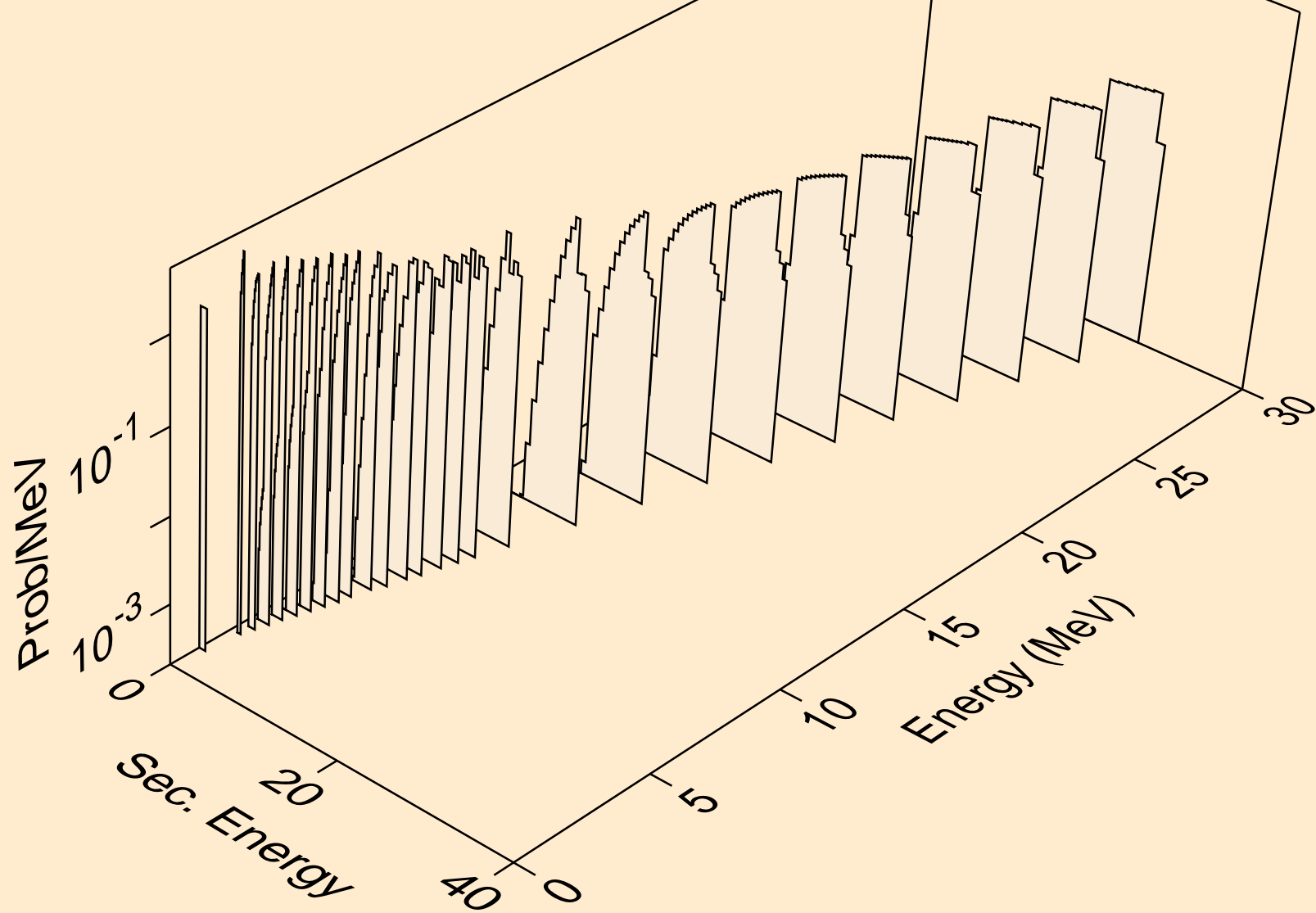




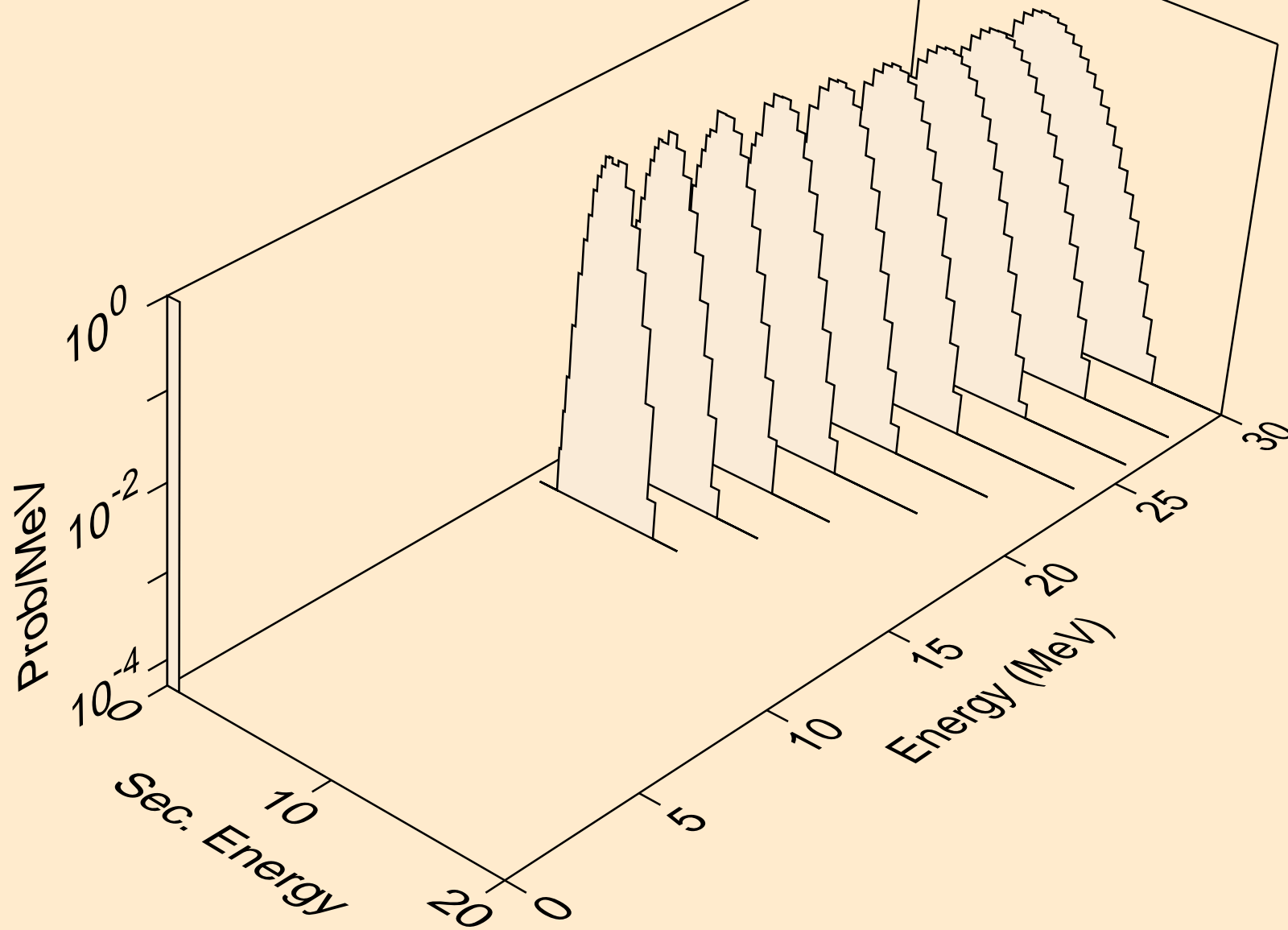
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deuterons from (n,n\*)d



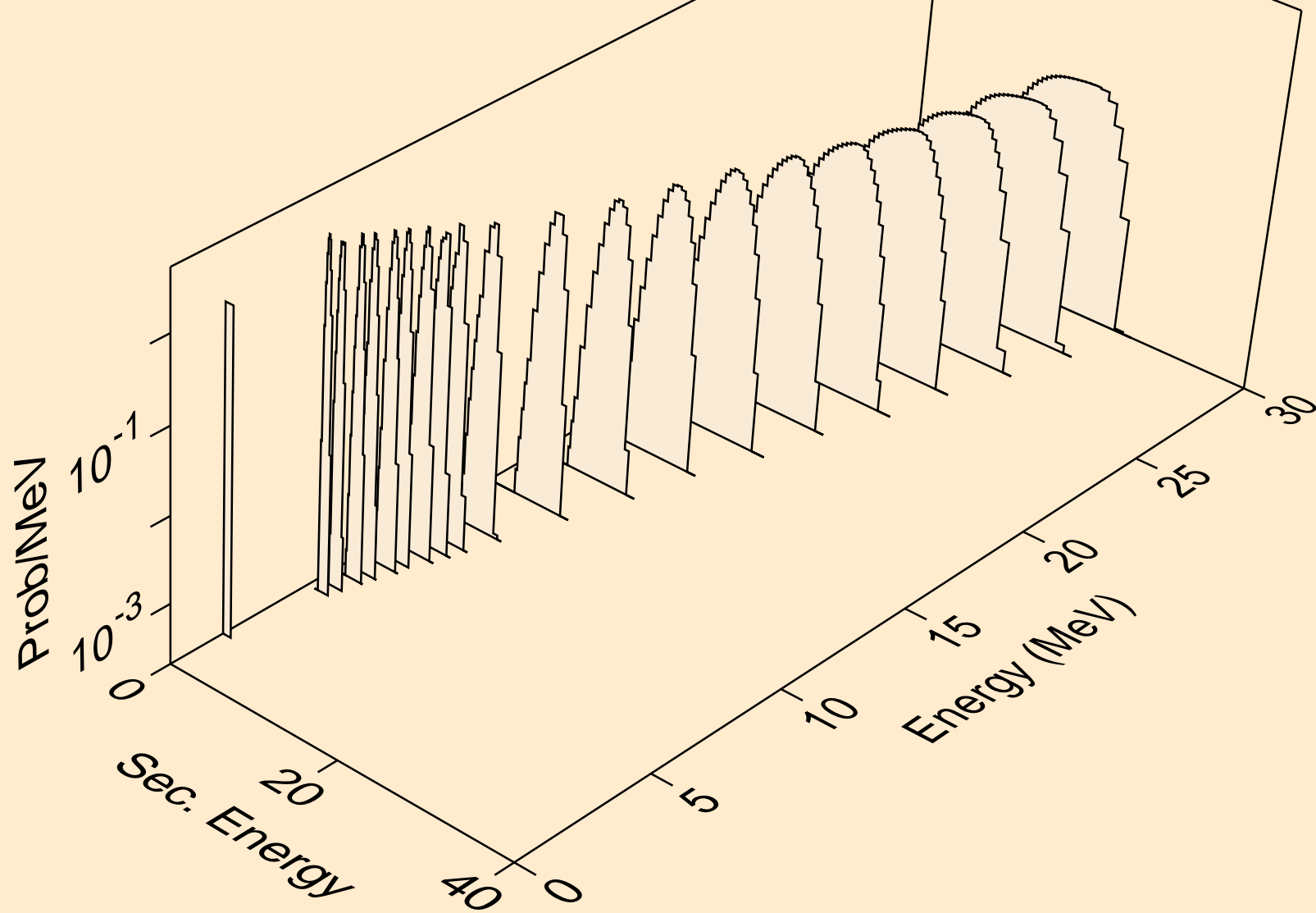
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deuterons from (n,d)



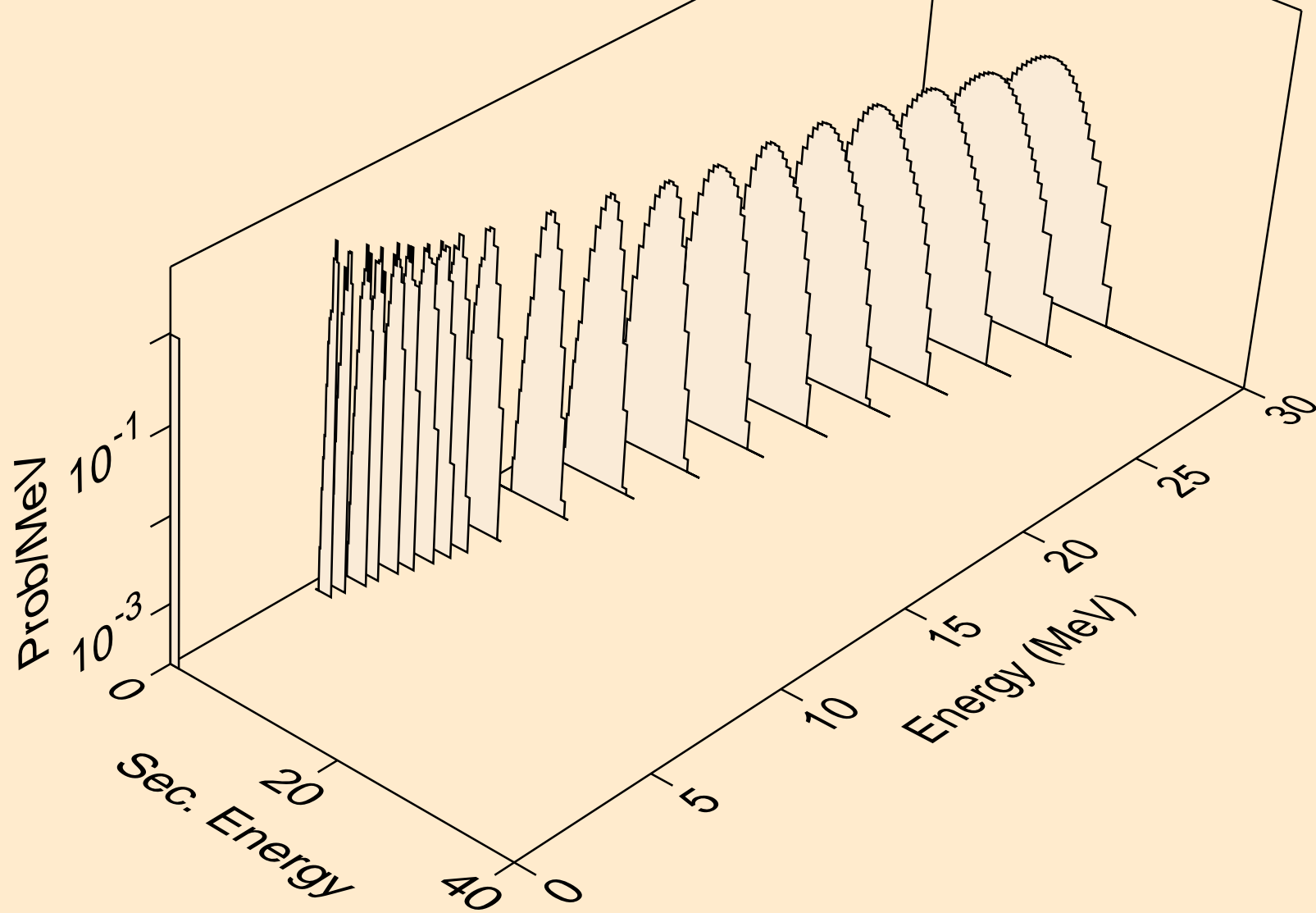
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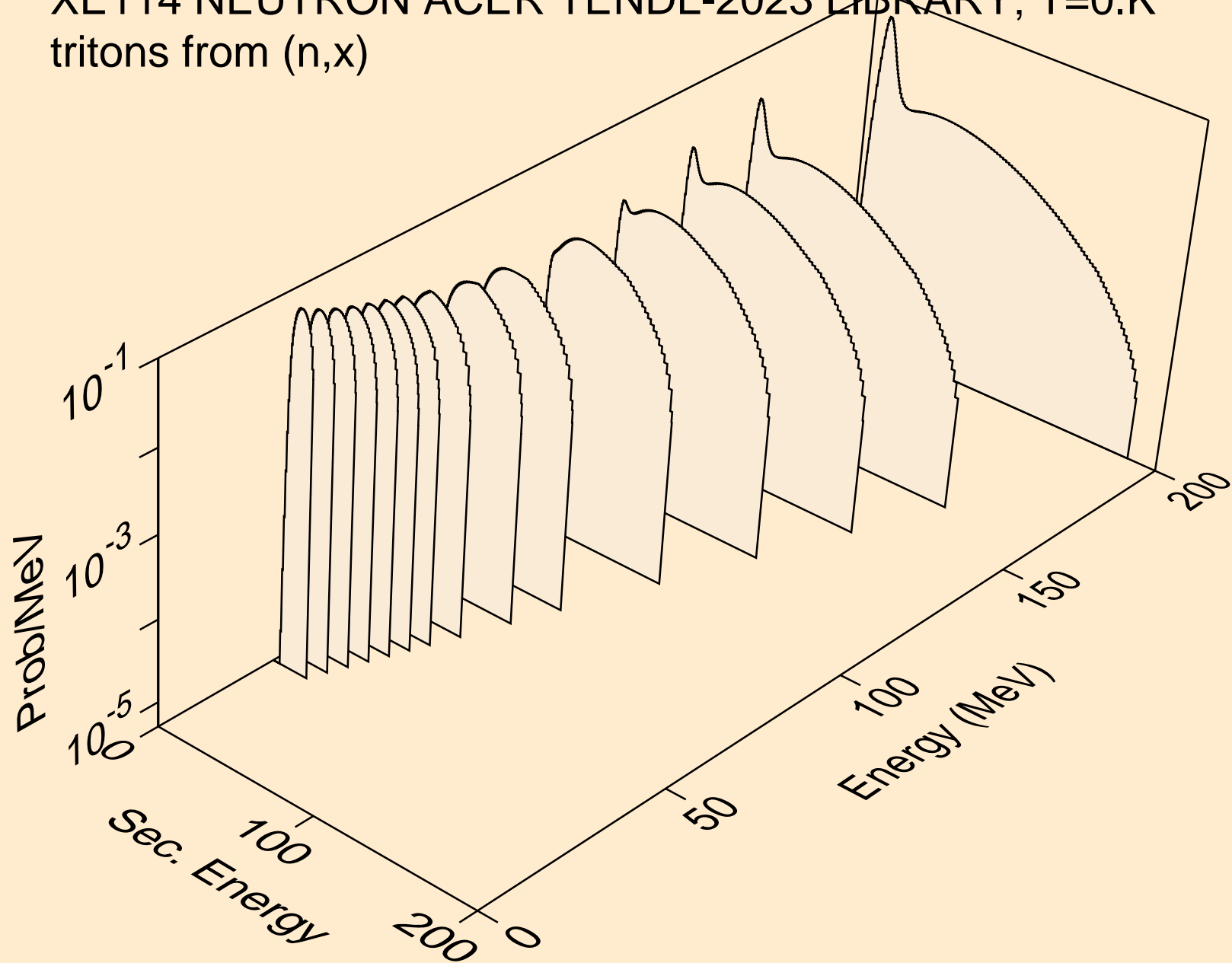
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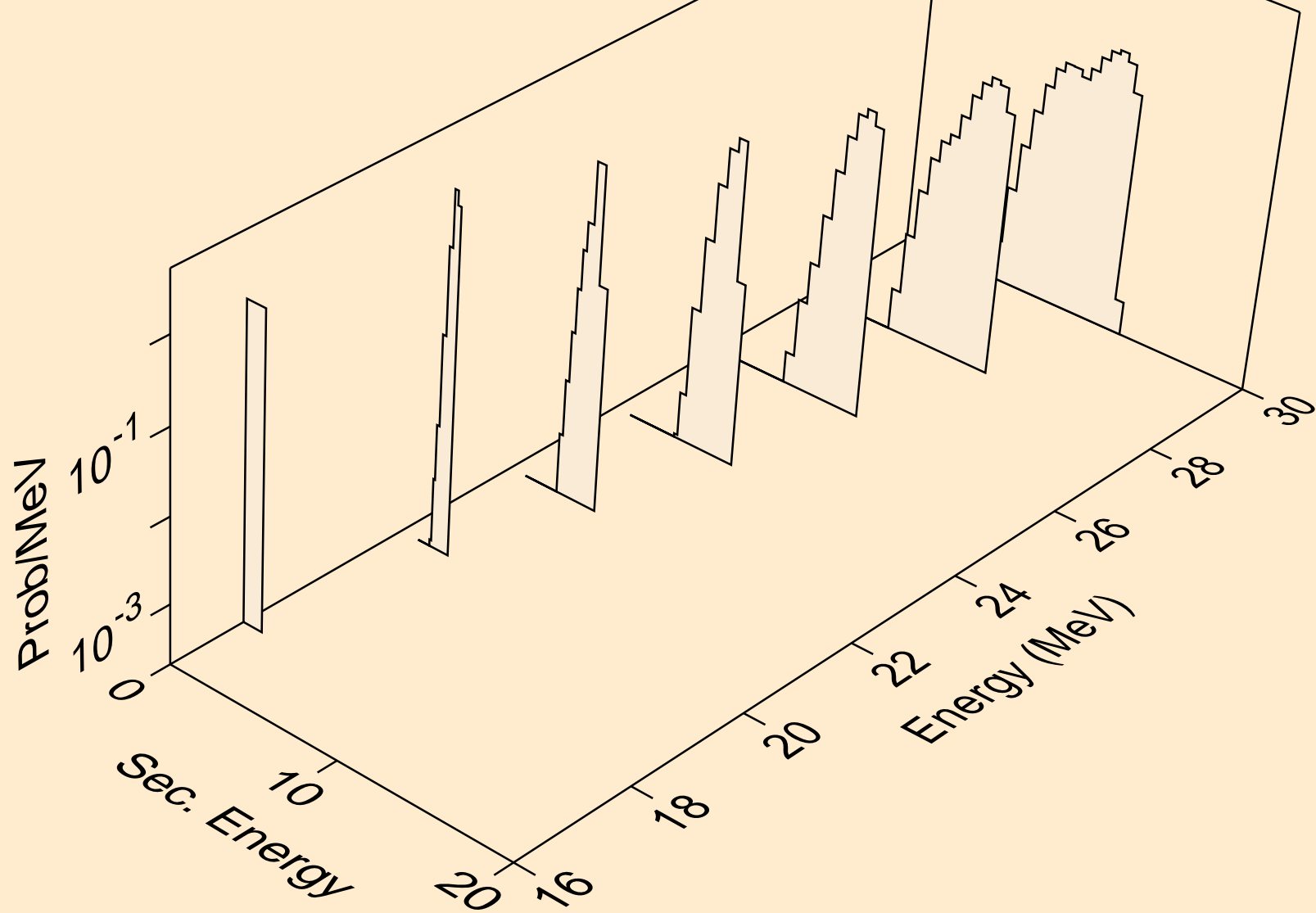
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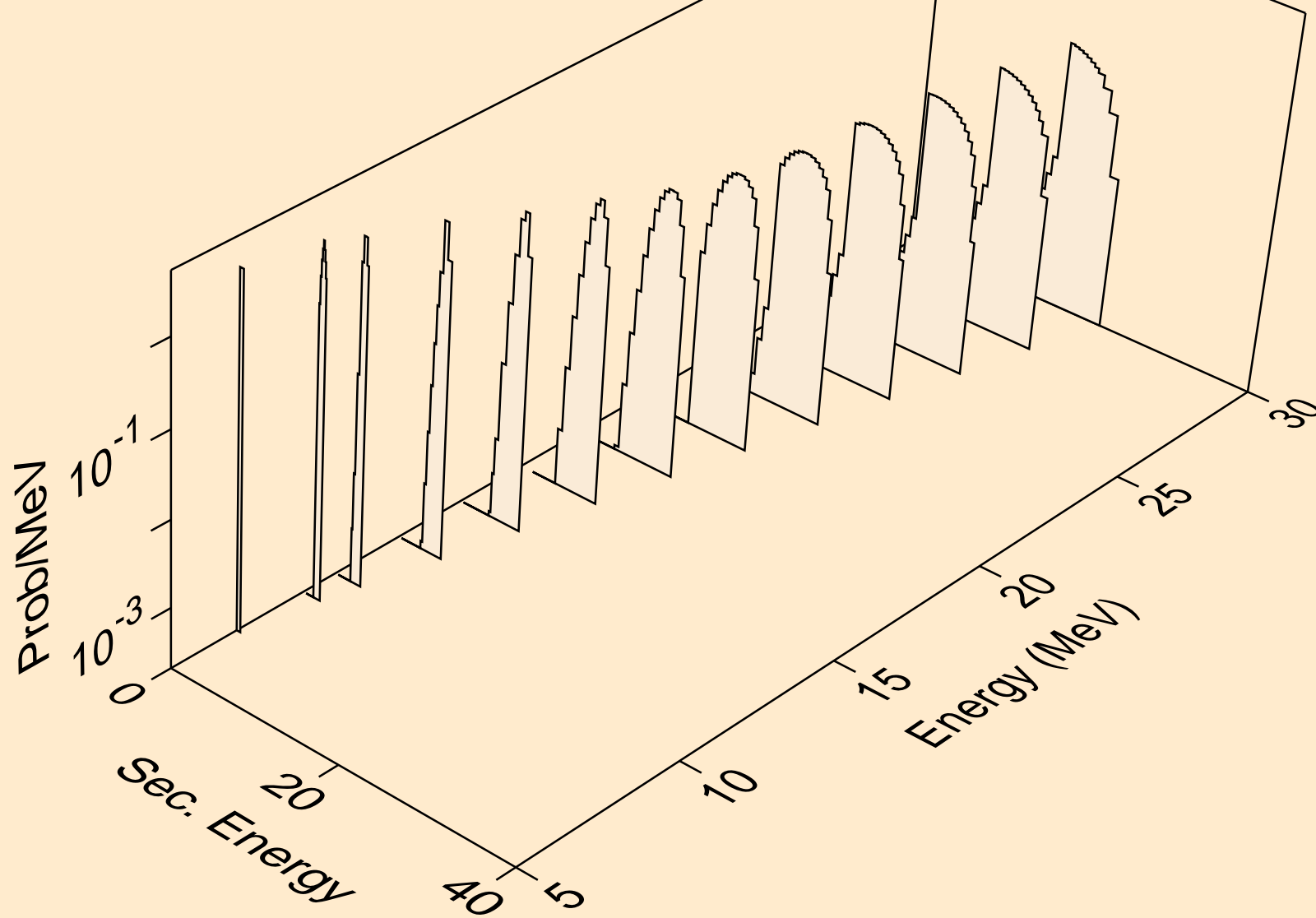
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

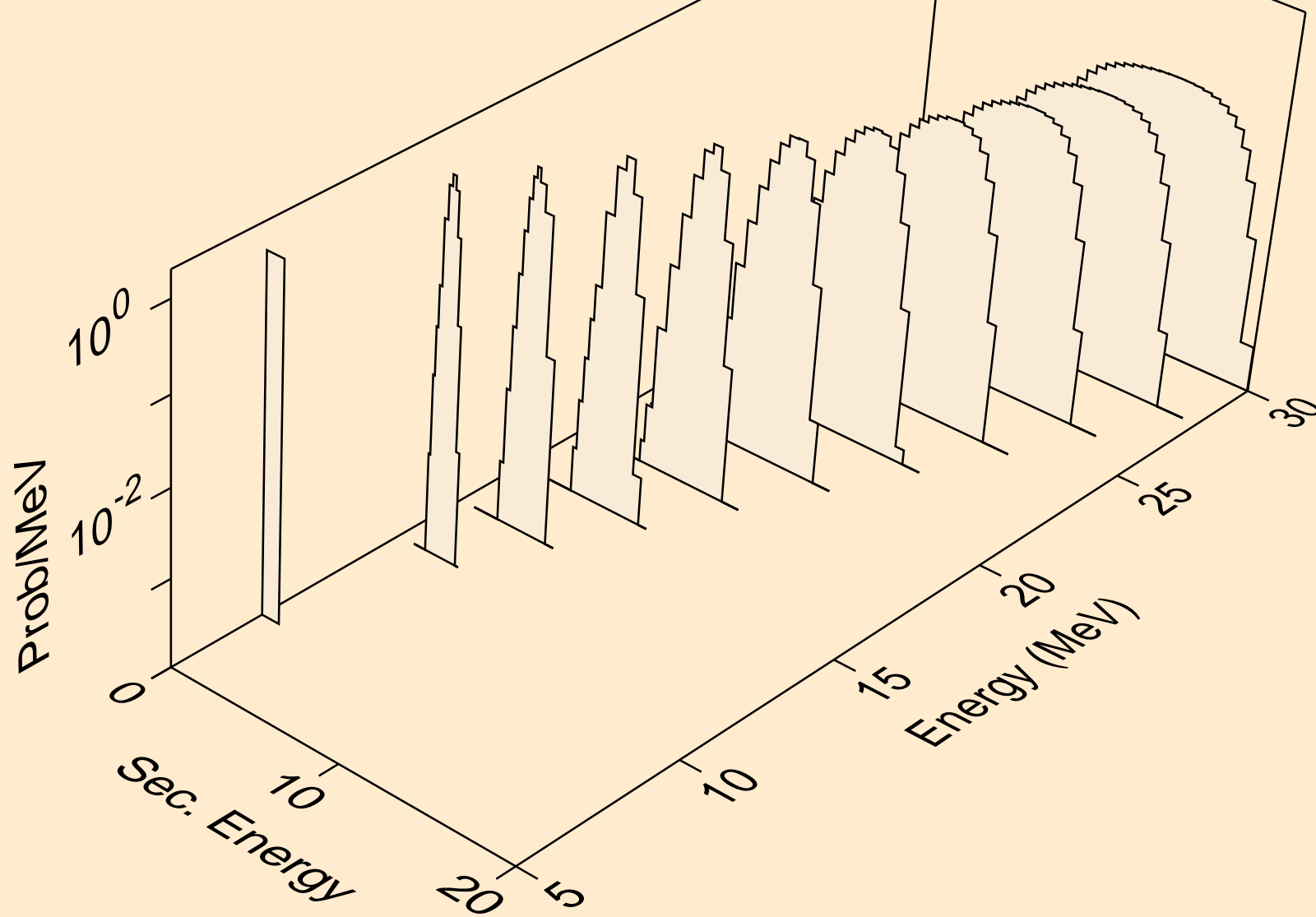


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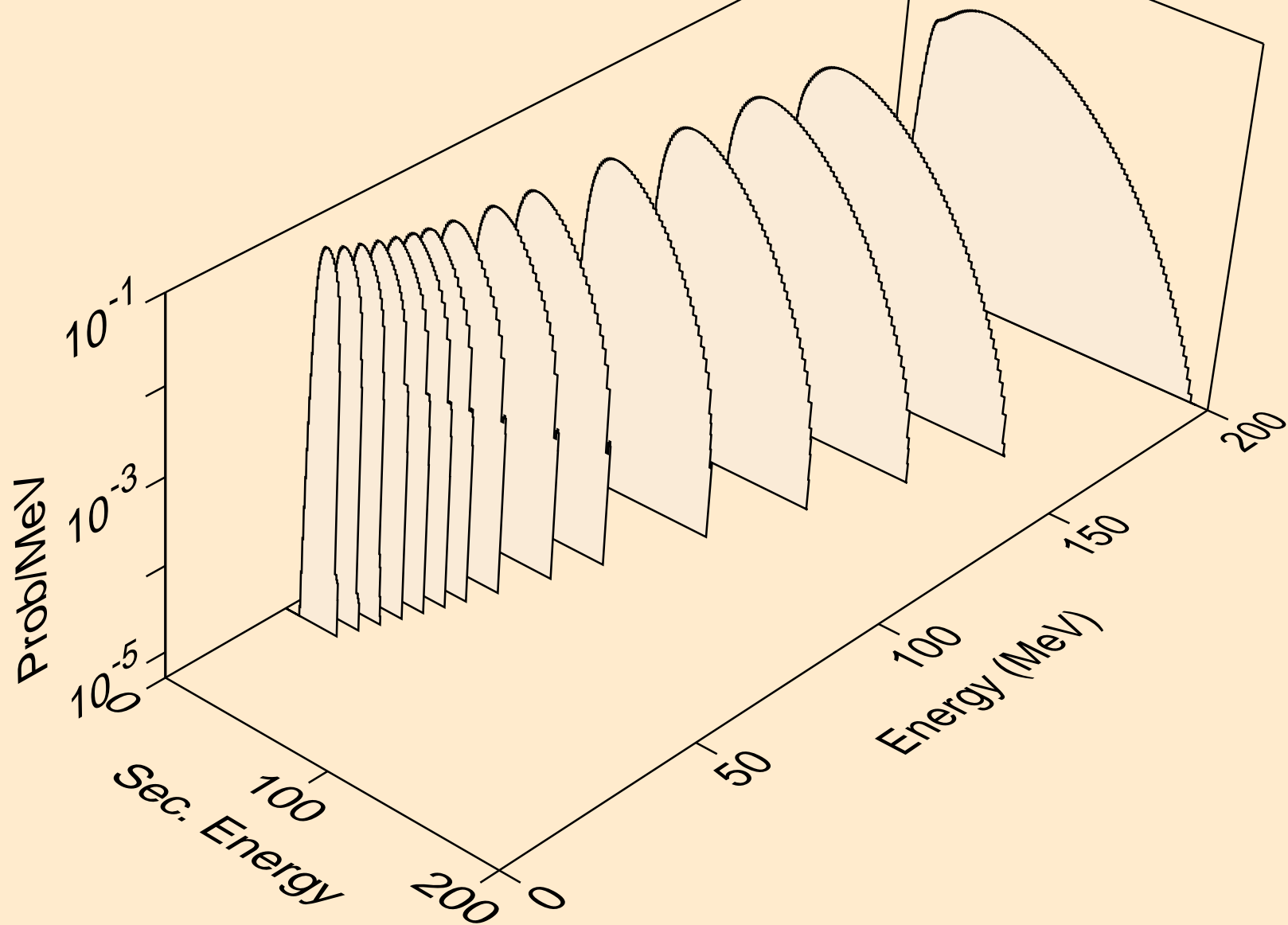




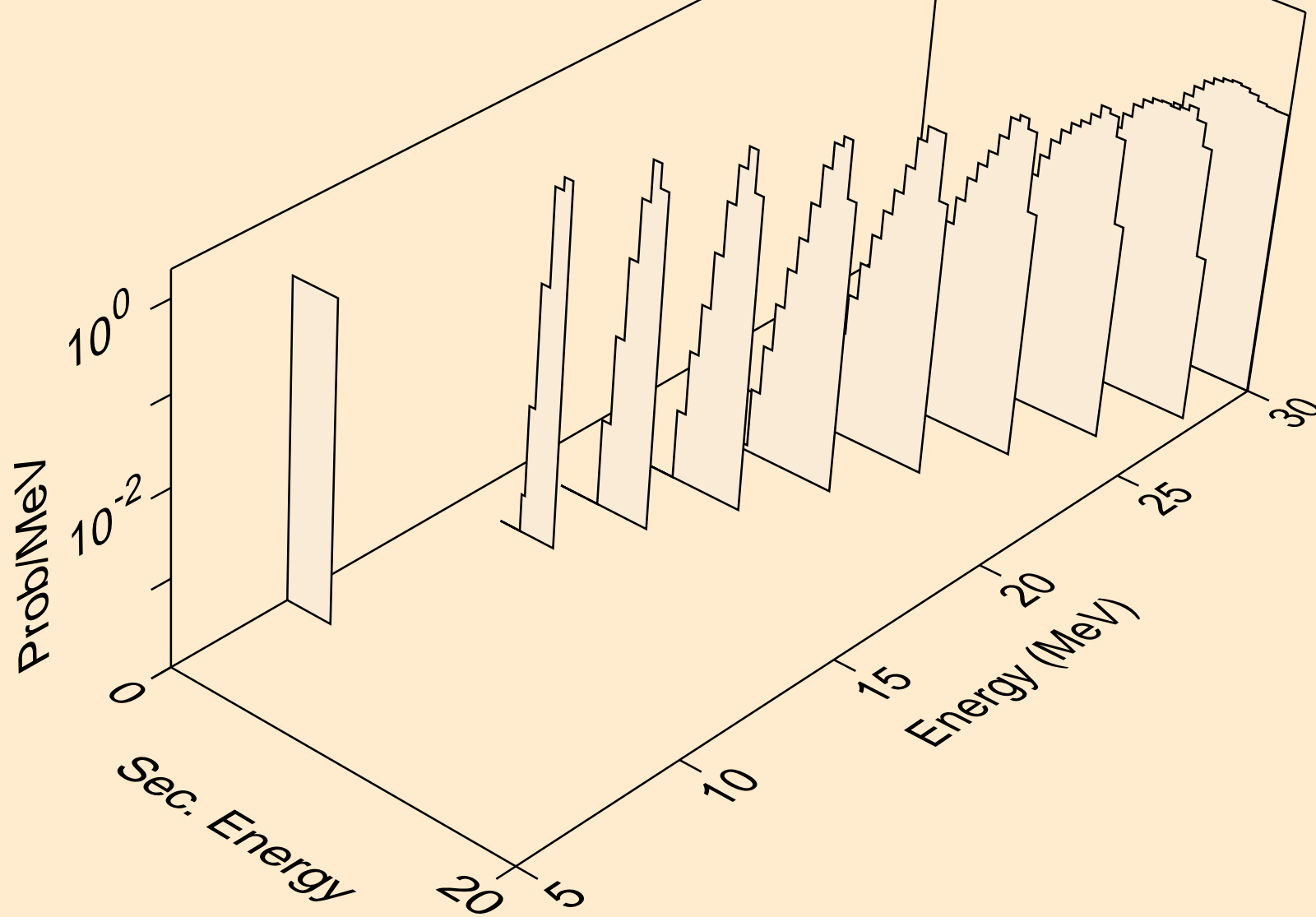
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tritons from (n,pt)



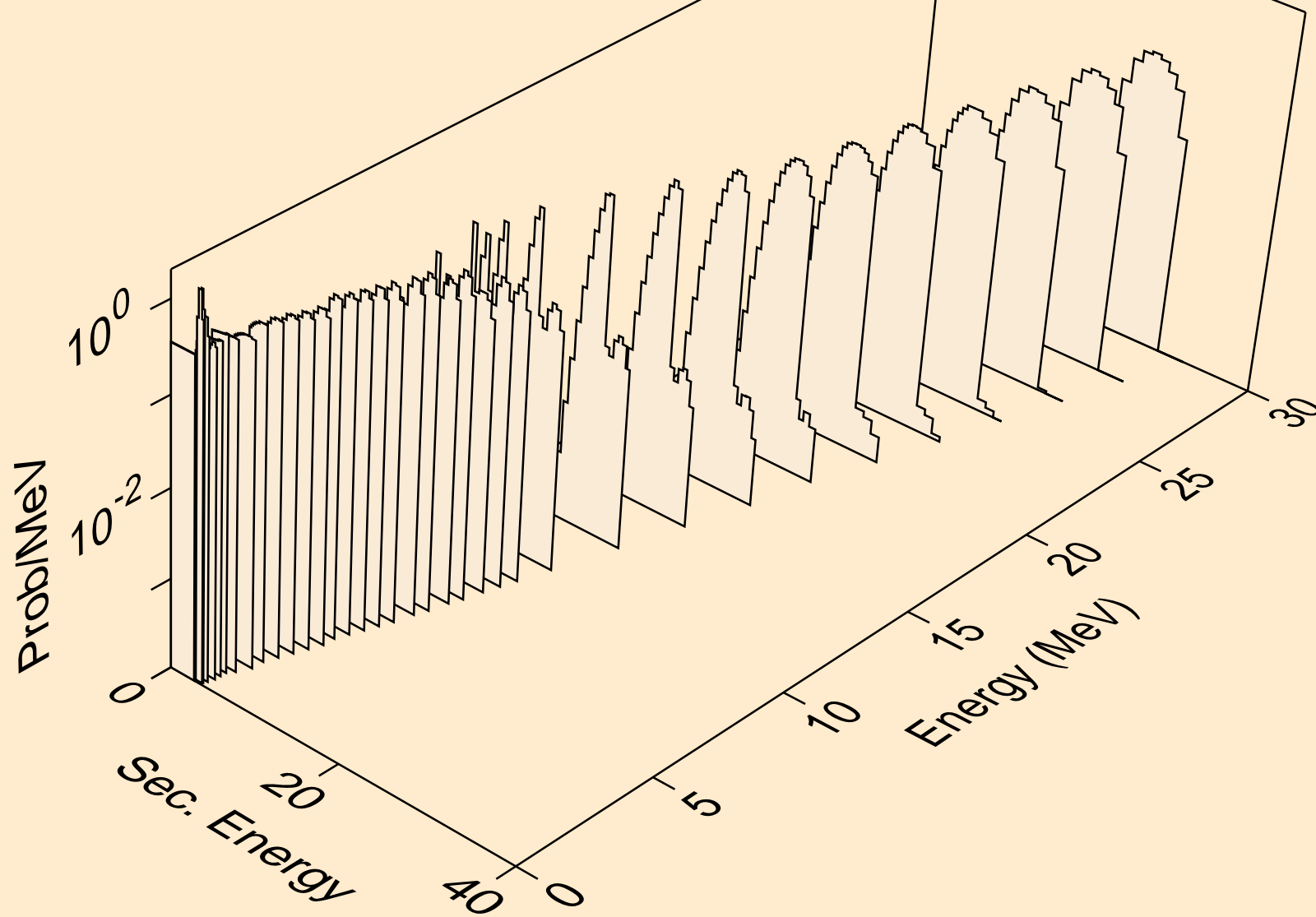
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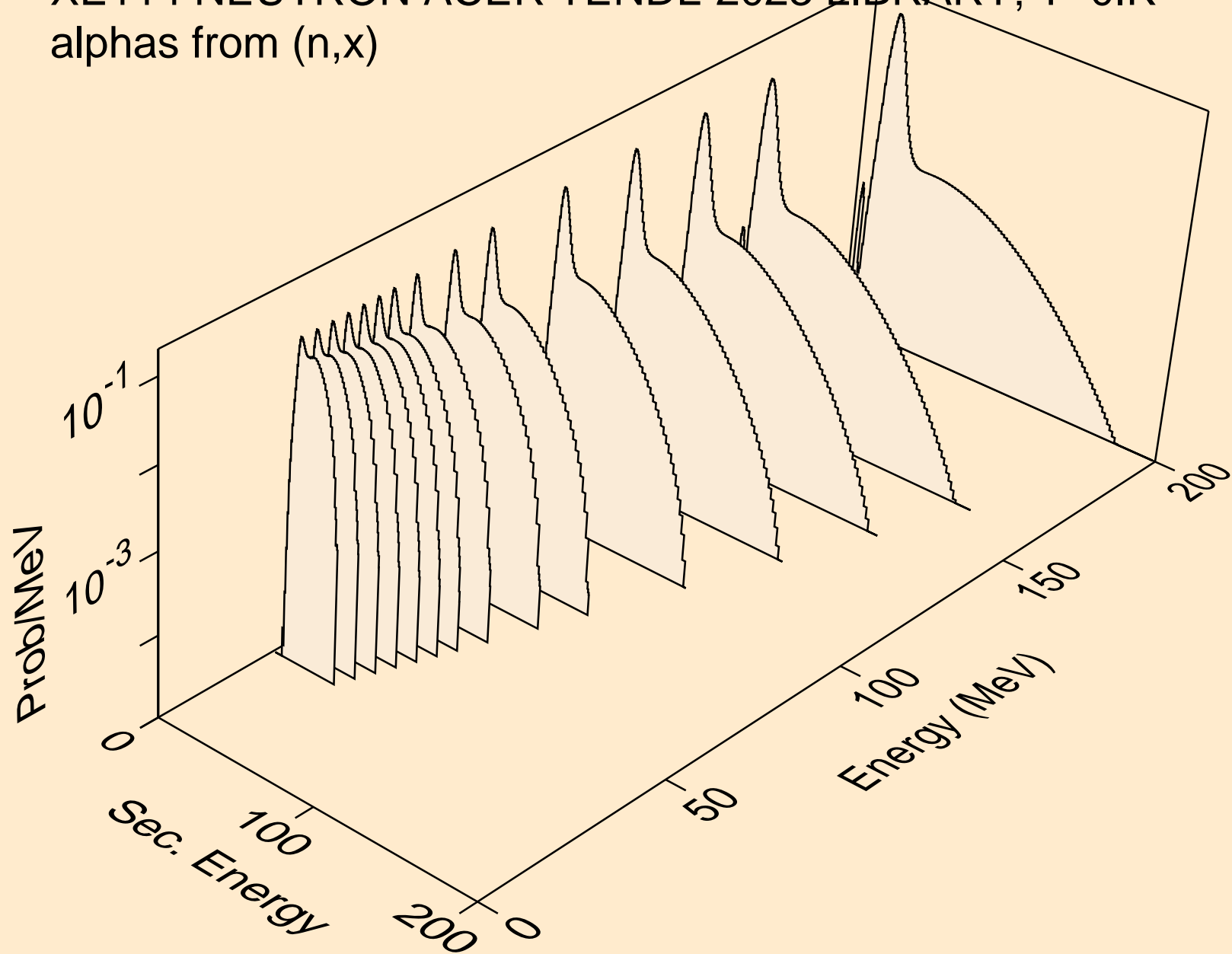
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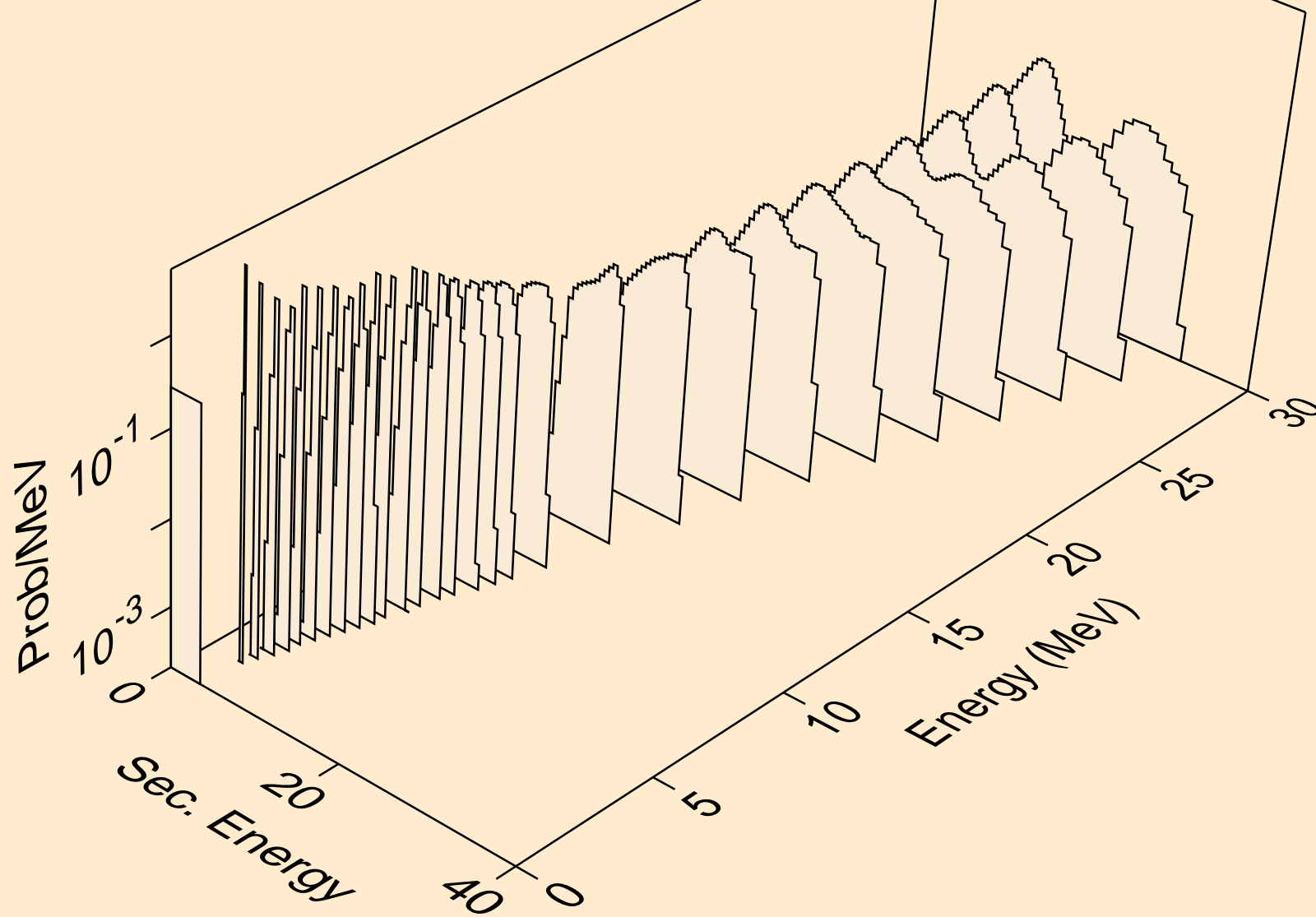
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he3s from (n,he3)



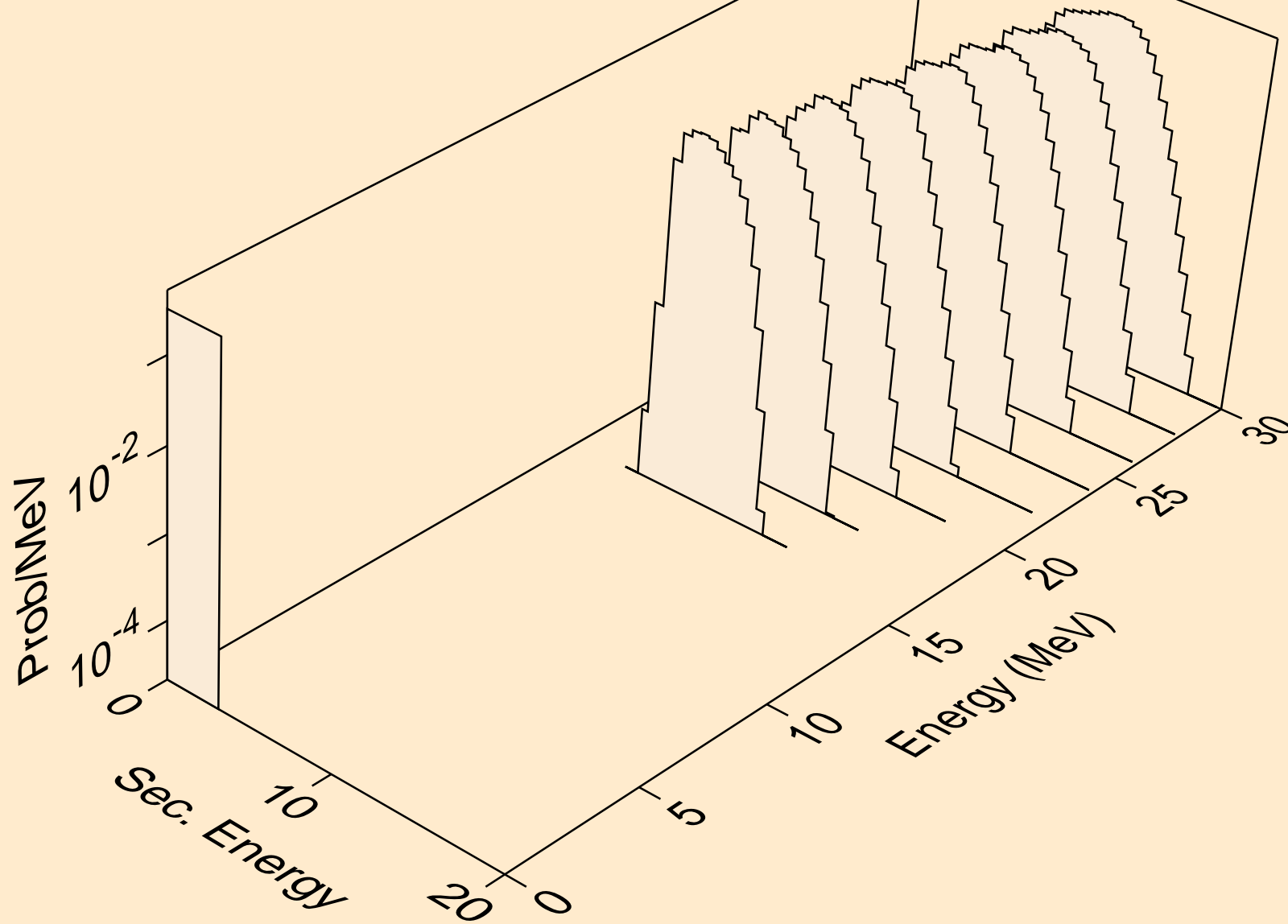
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



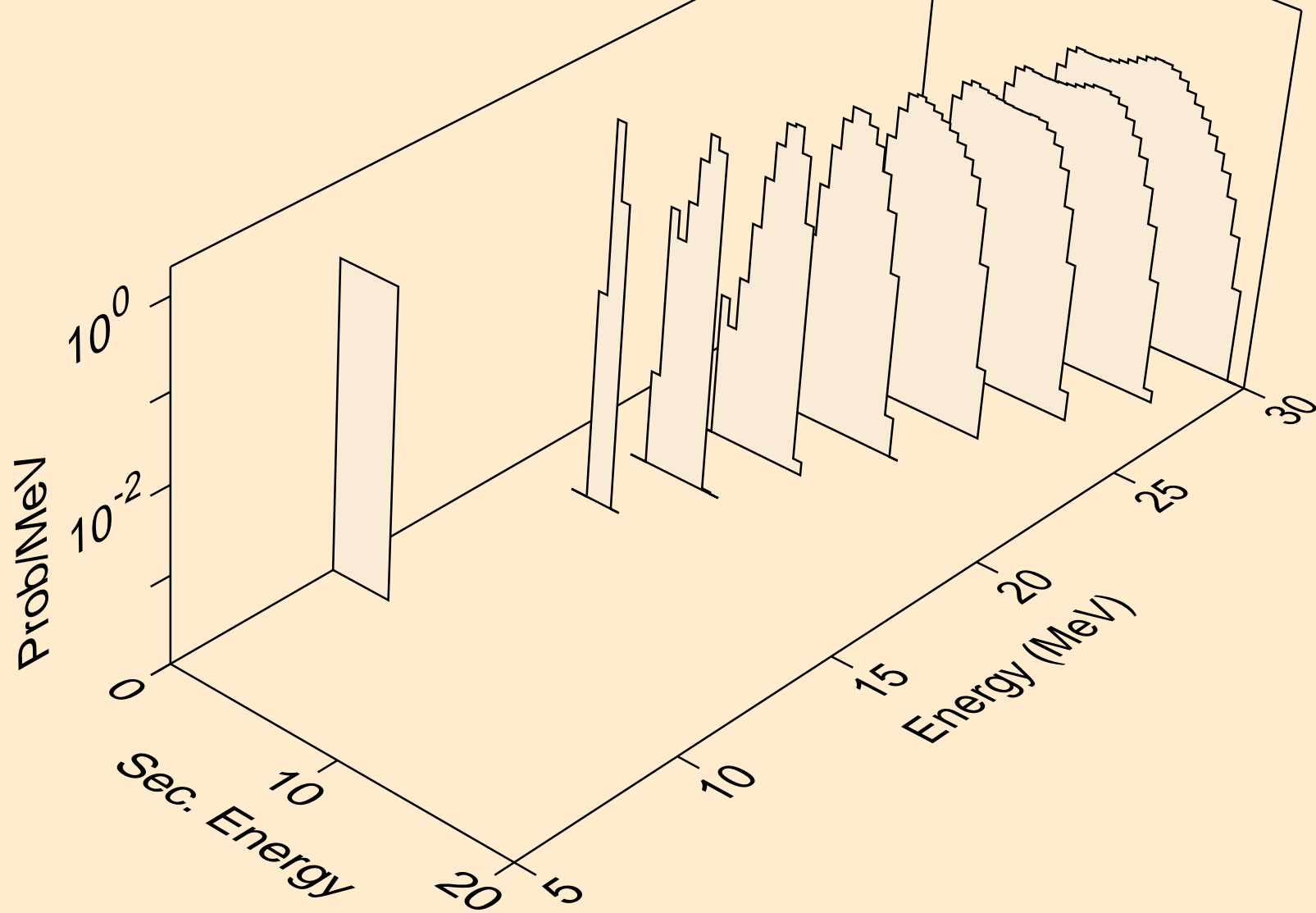
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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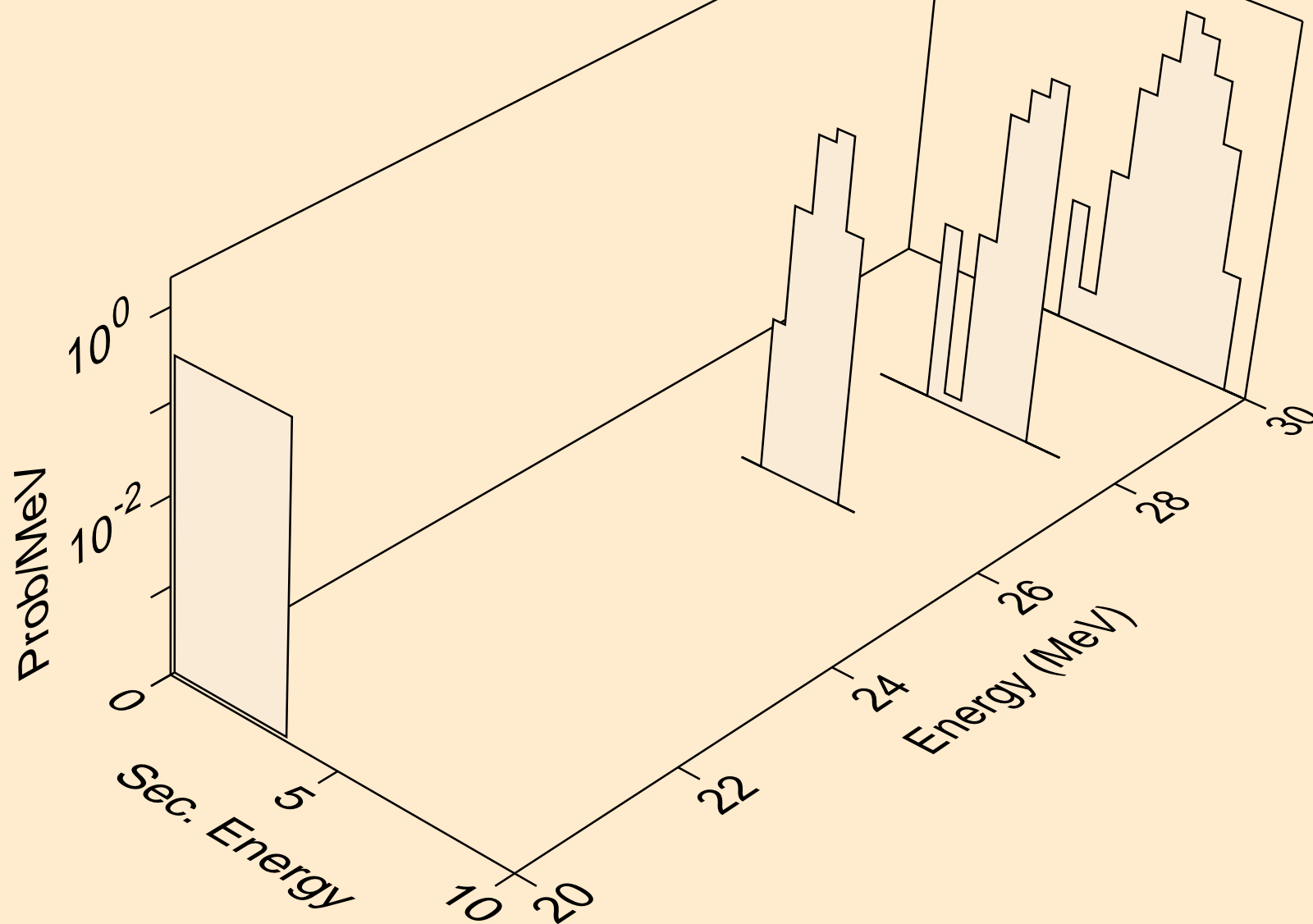


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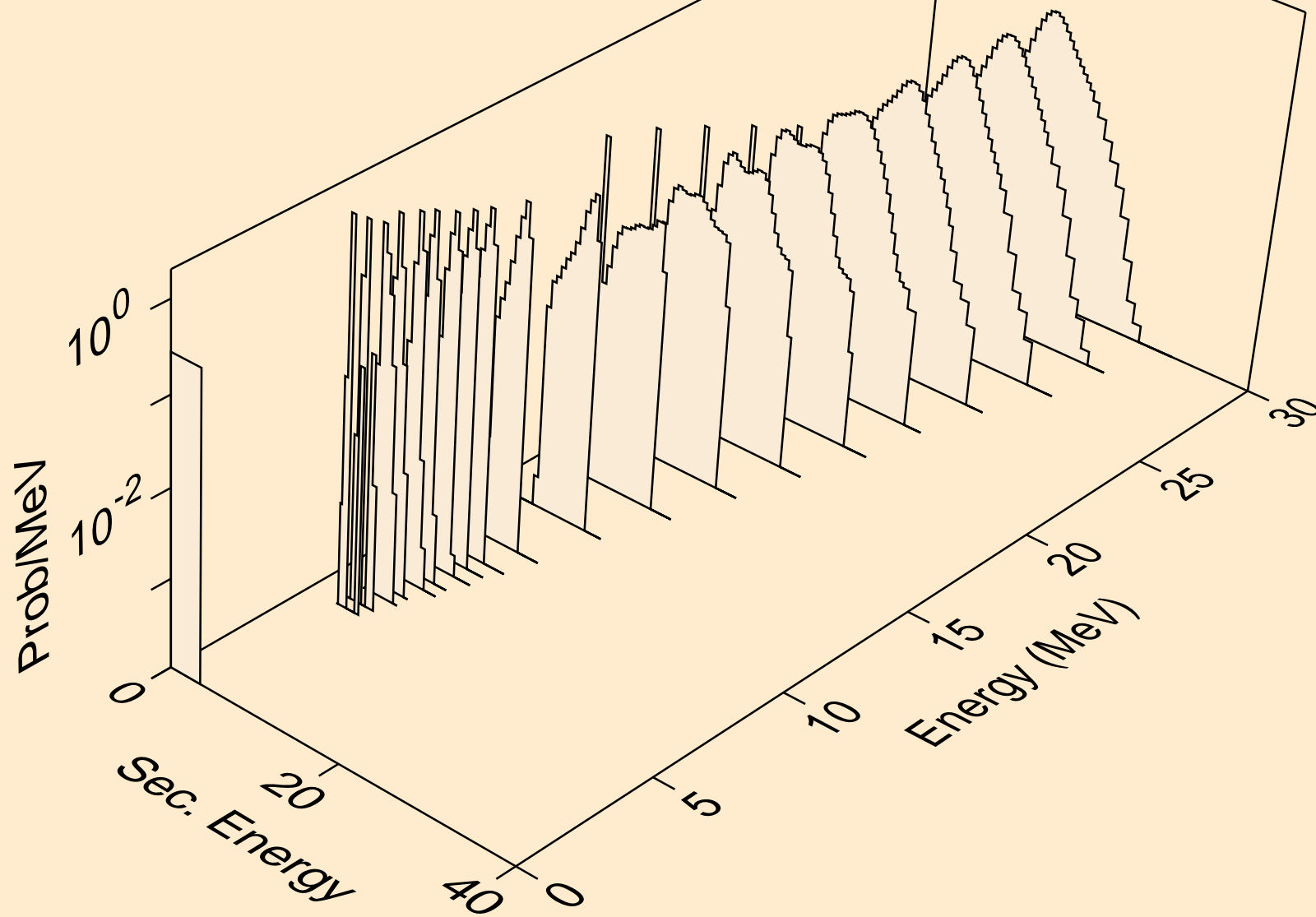




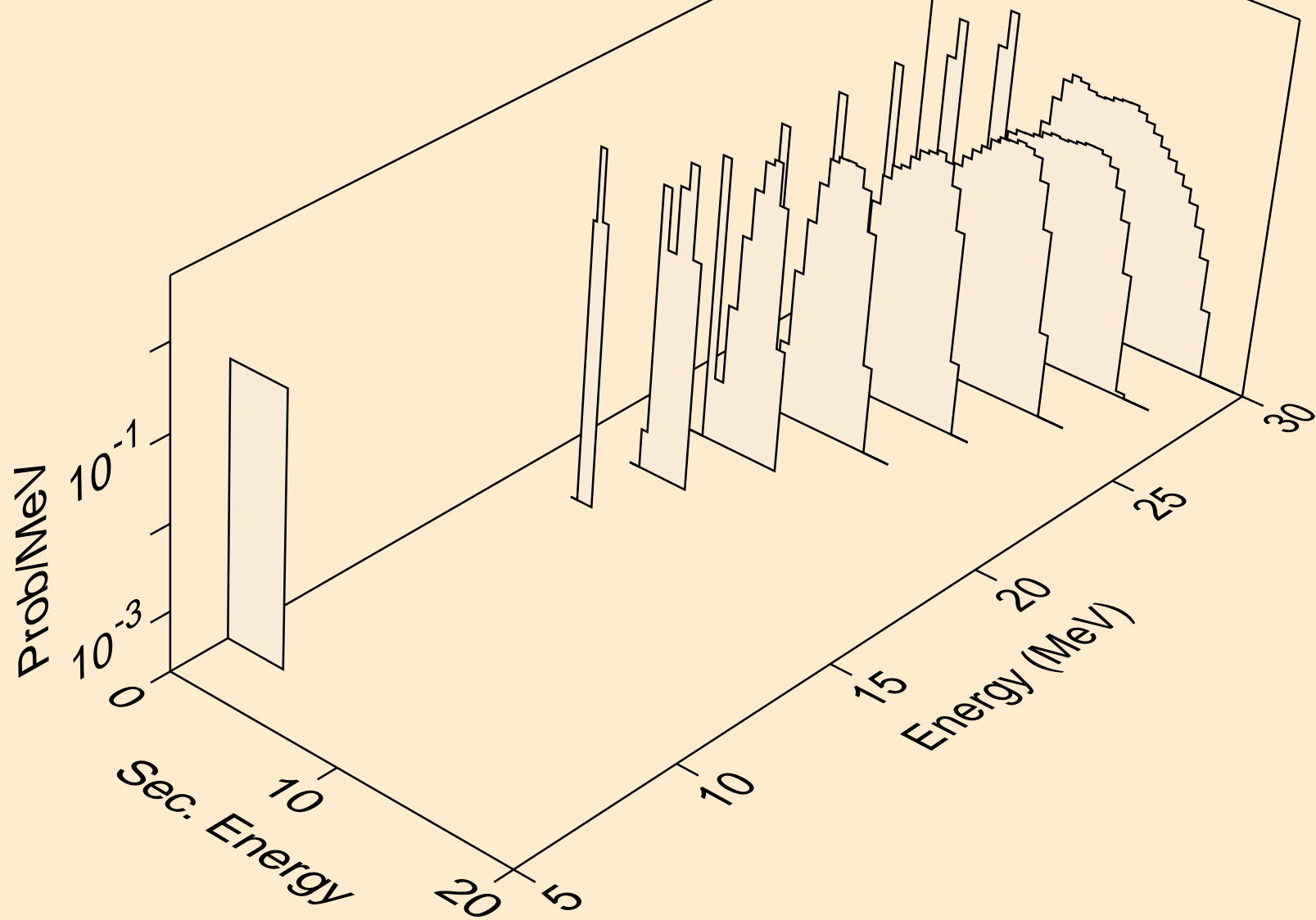
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alphas from (n,3n)a



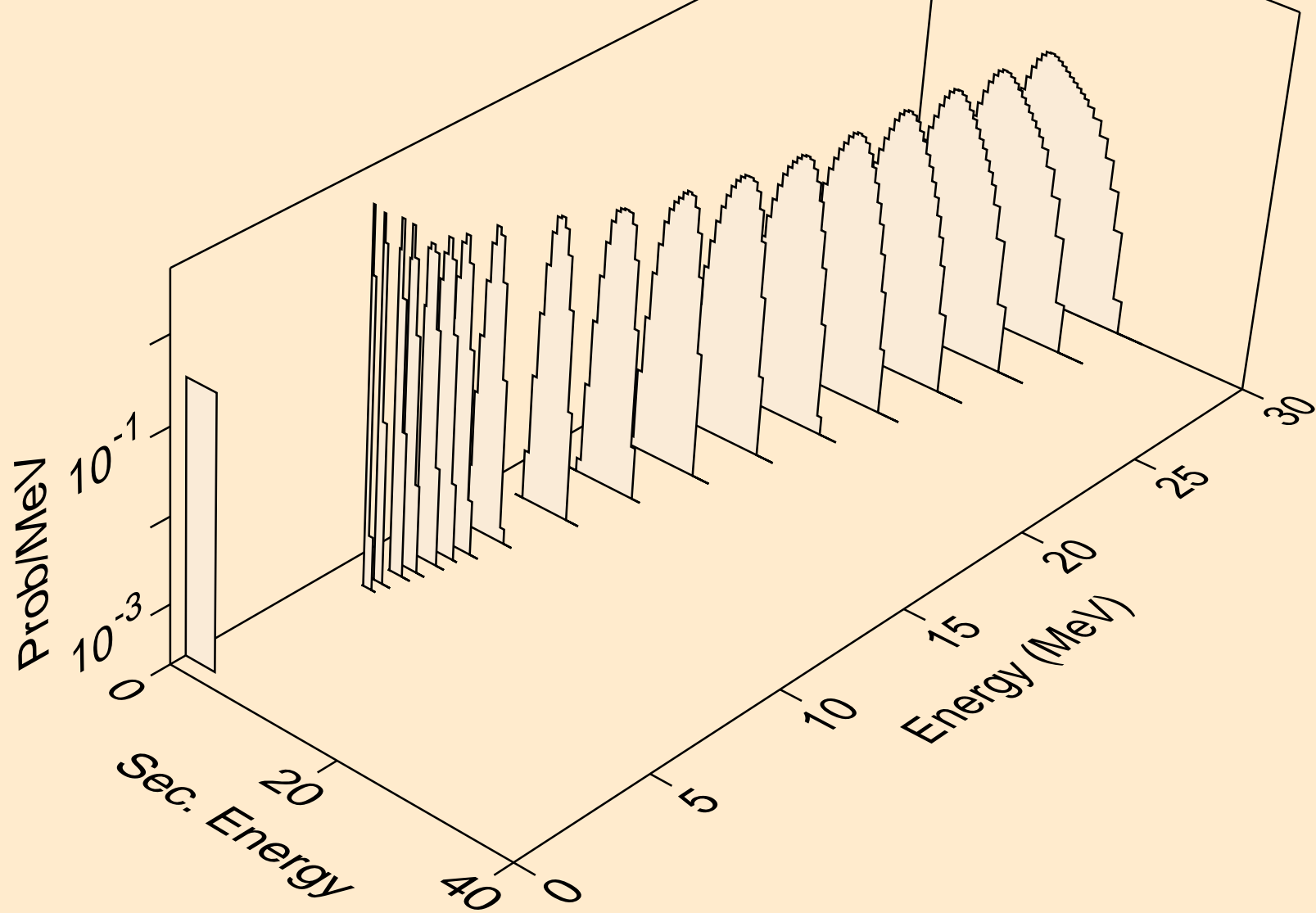
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alphas from (n,n\*)2a



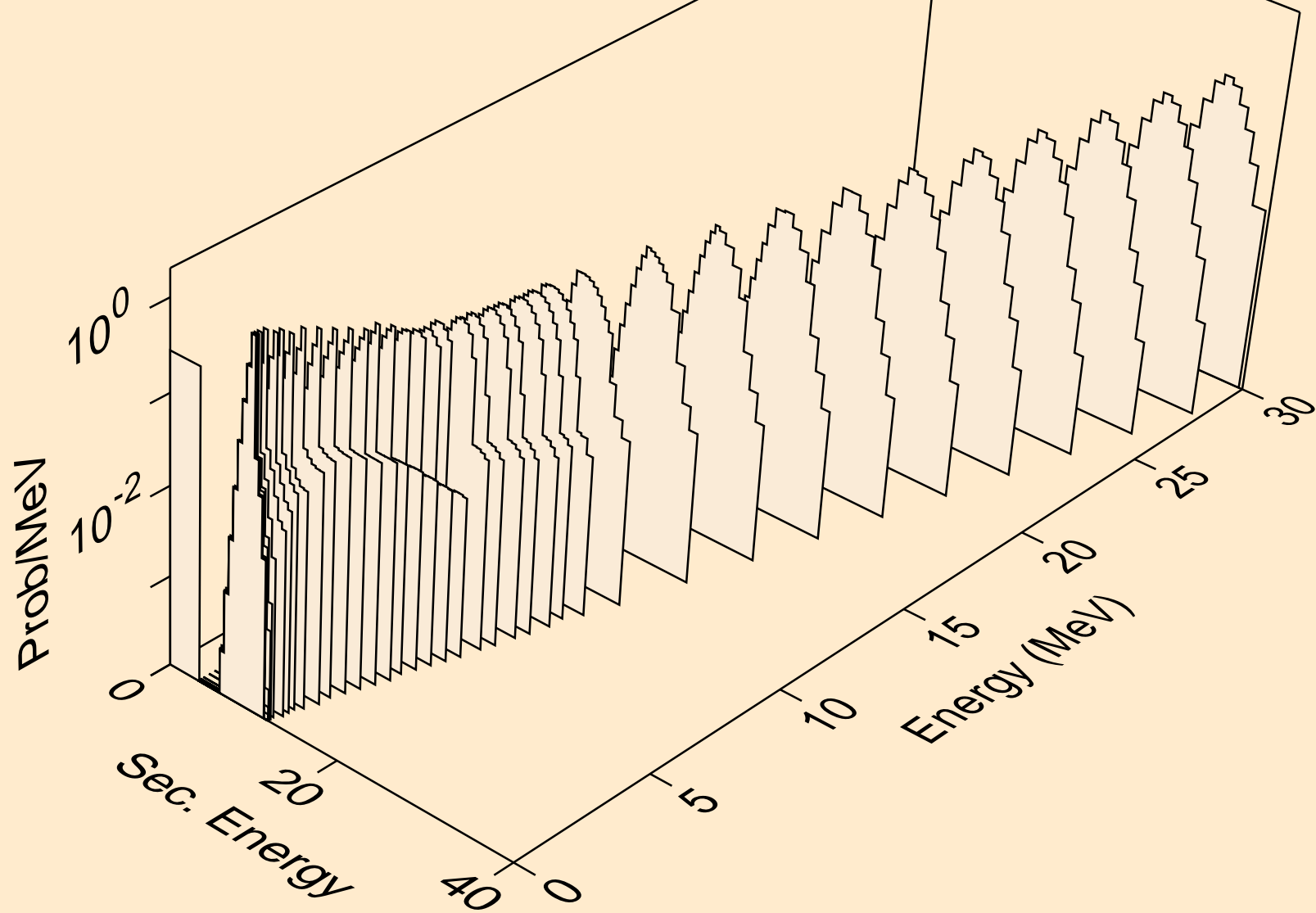
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alphas from (n,2n)2a



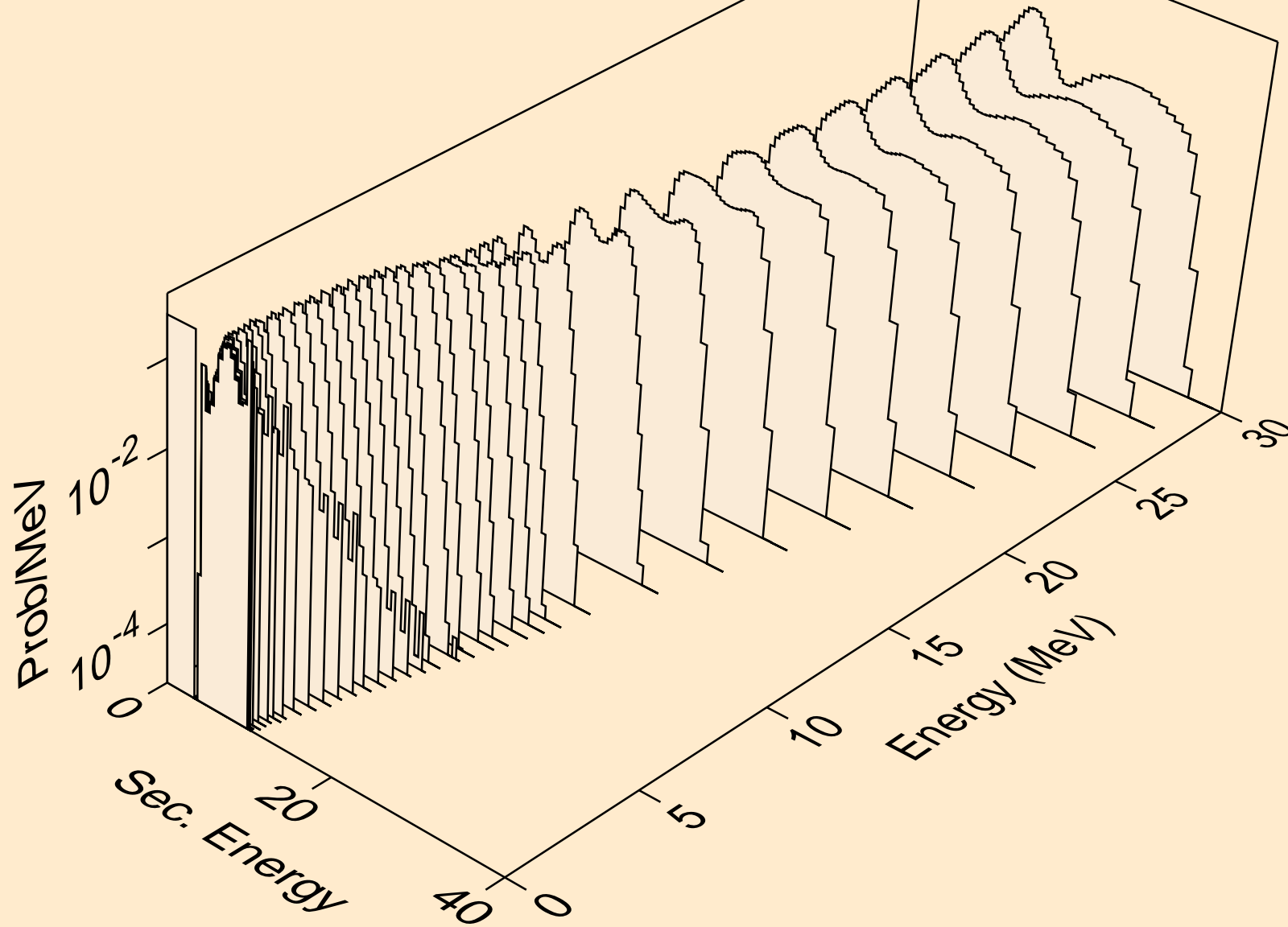
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alphas from (n,npa)



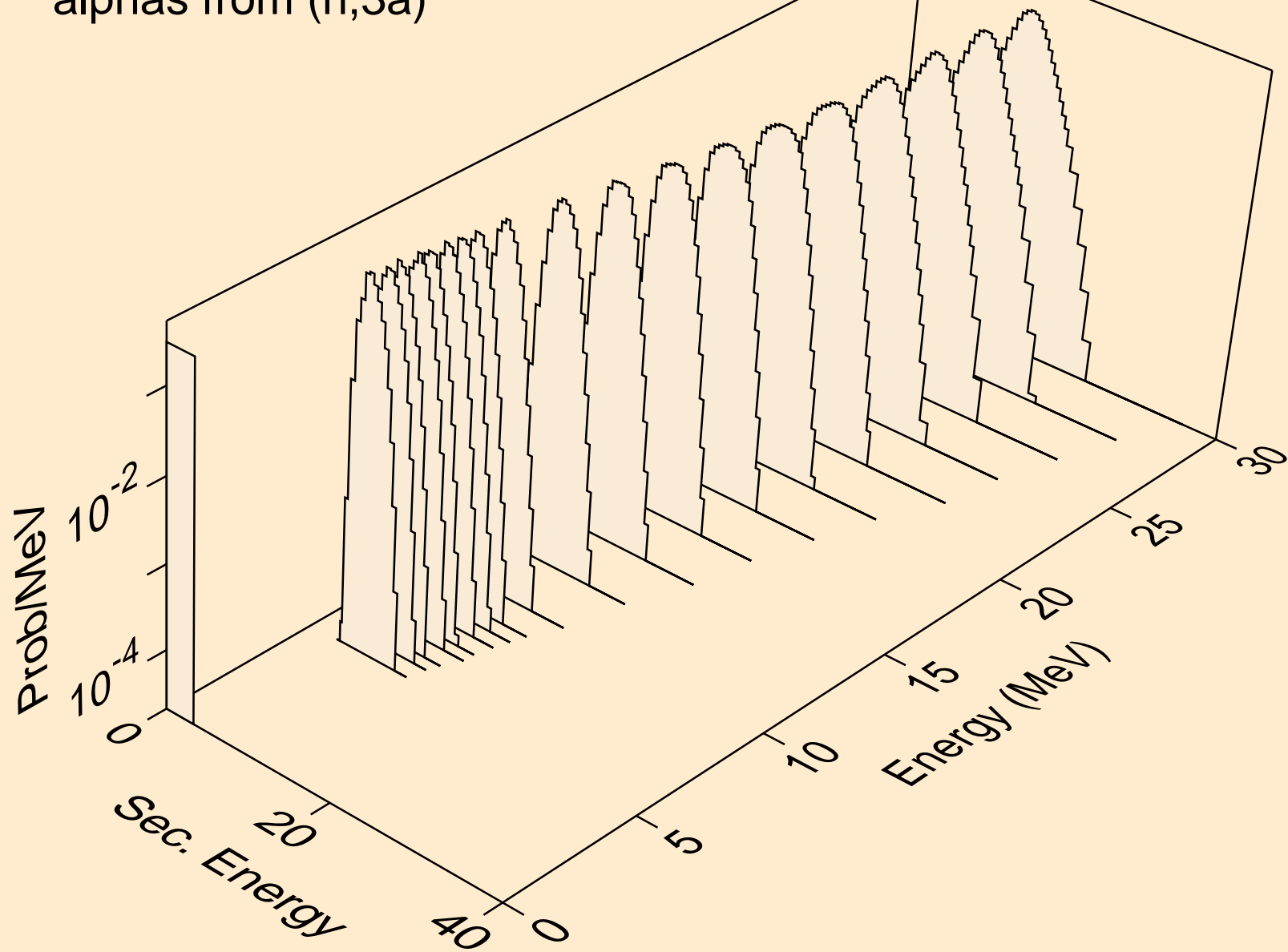
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alphas from (n,a)



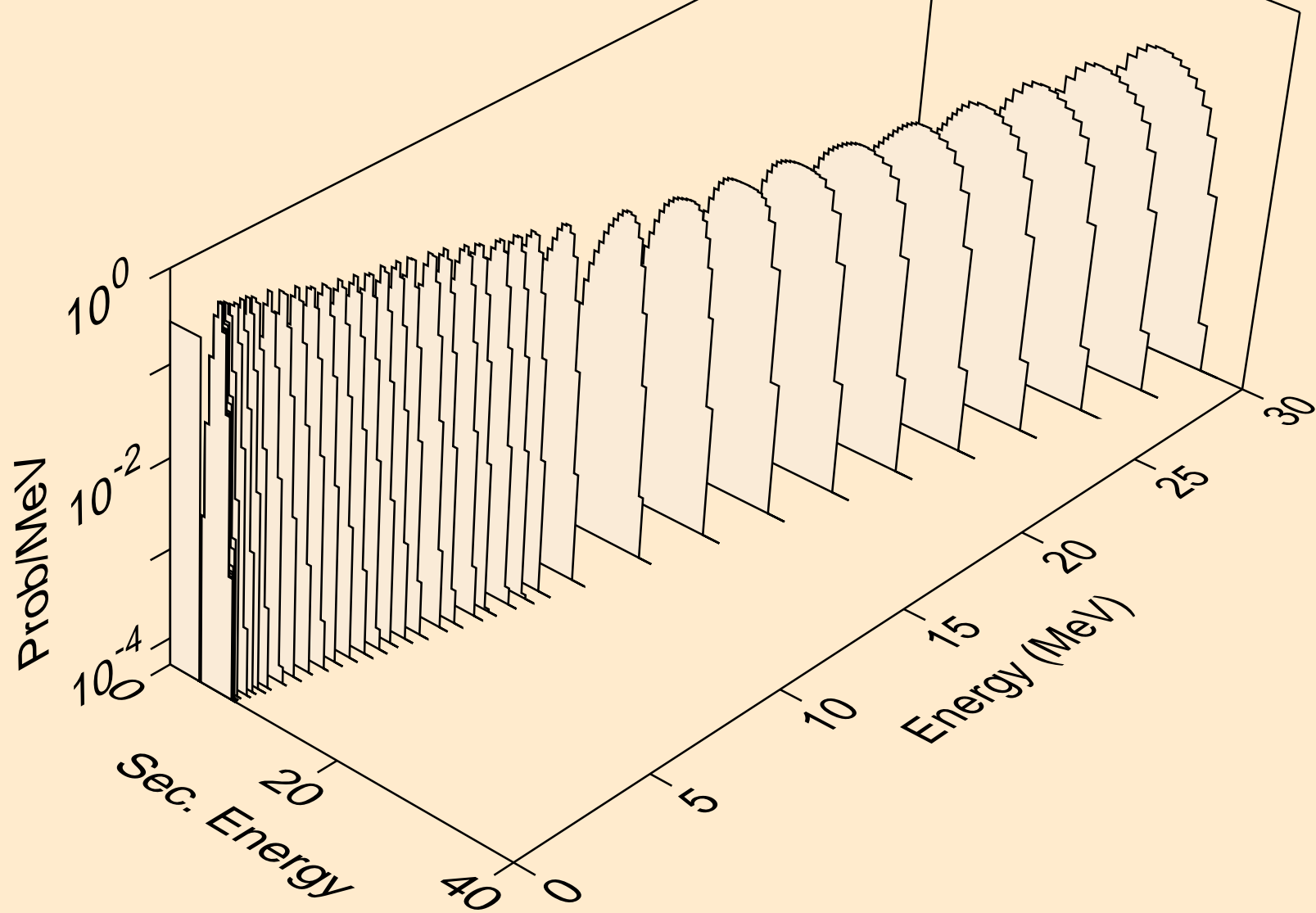
XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



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alphas from (n,3a)

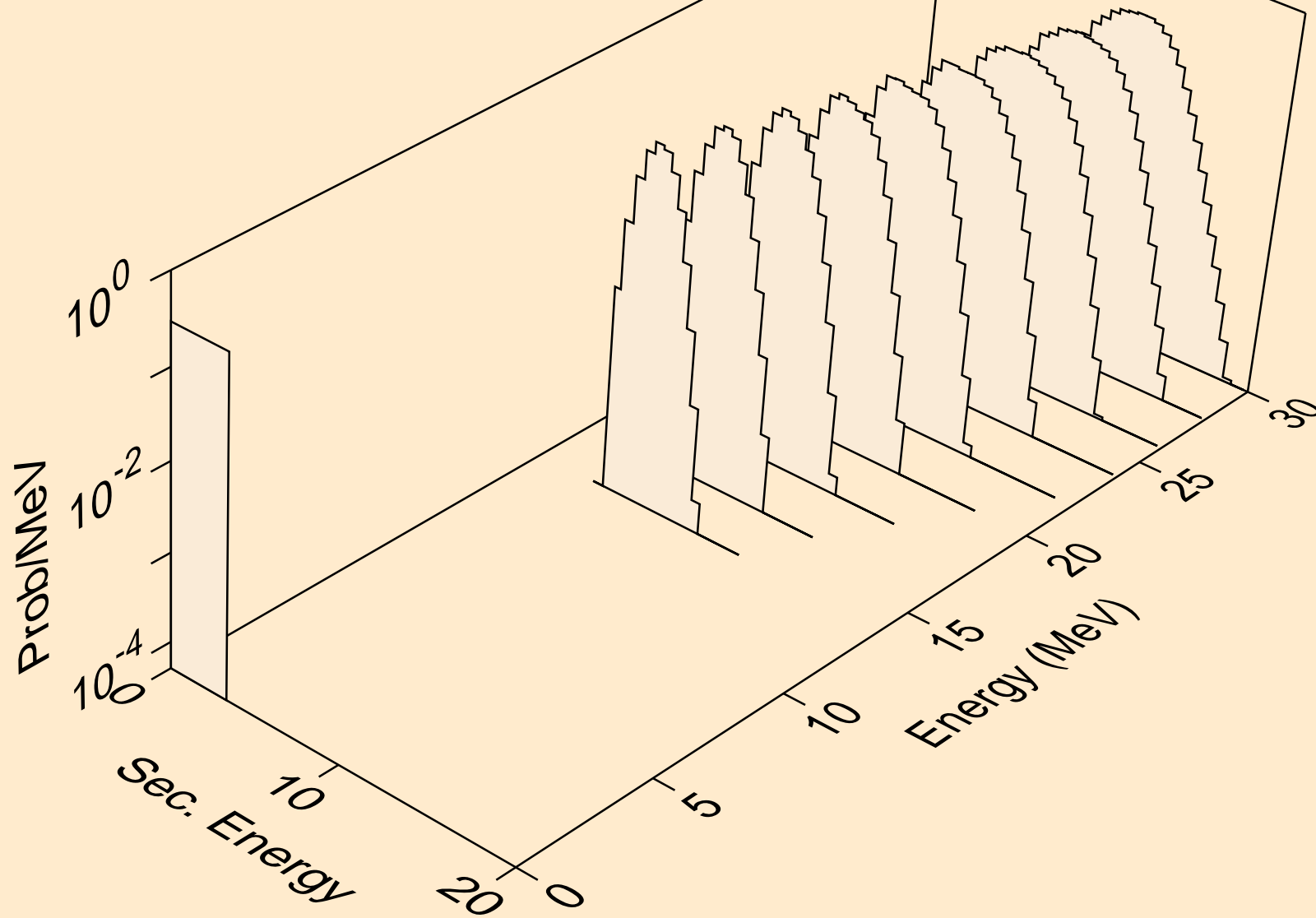


XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)





XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



XE114 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

