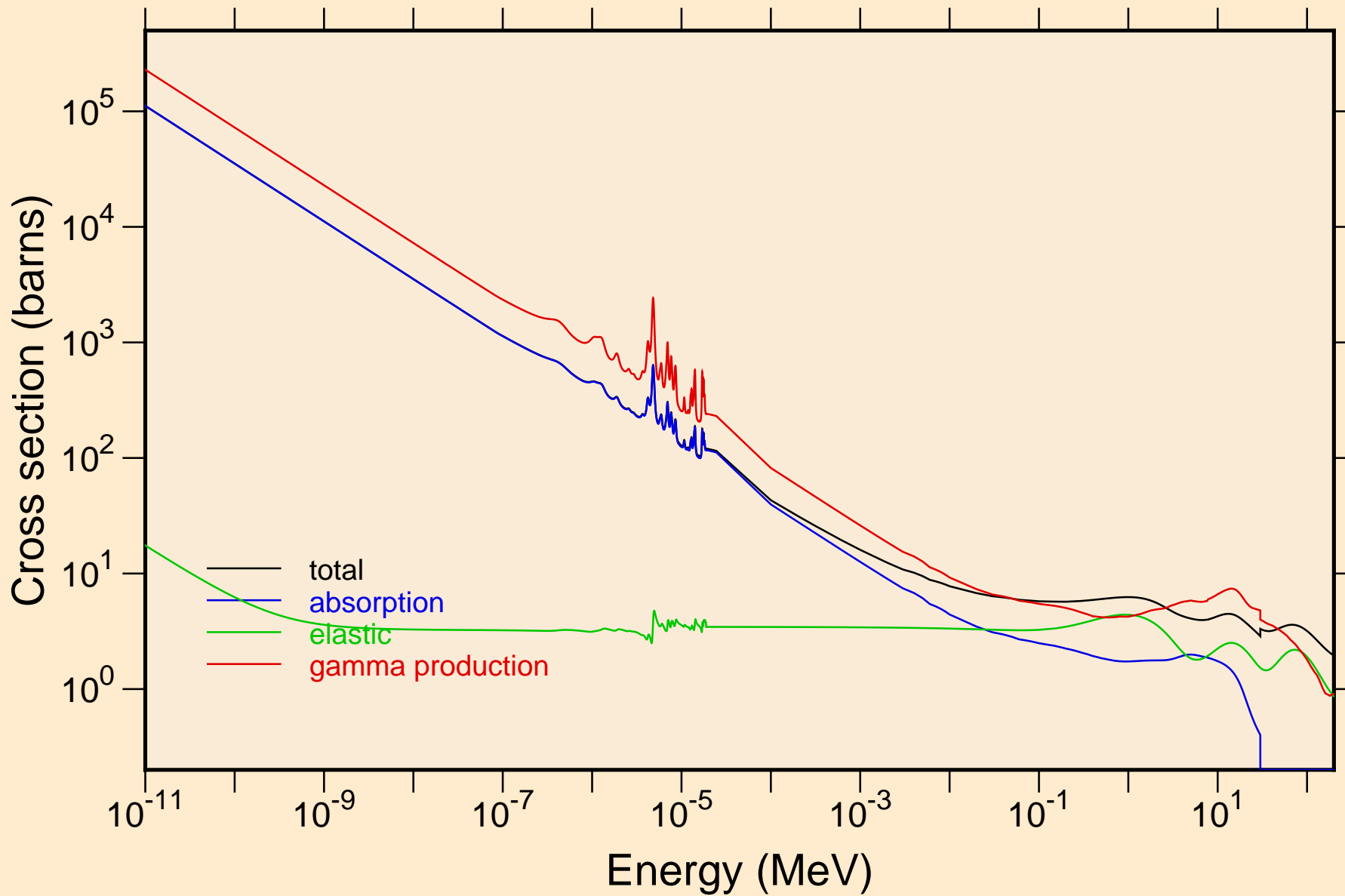
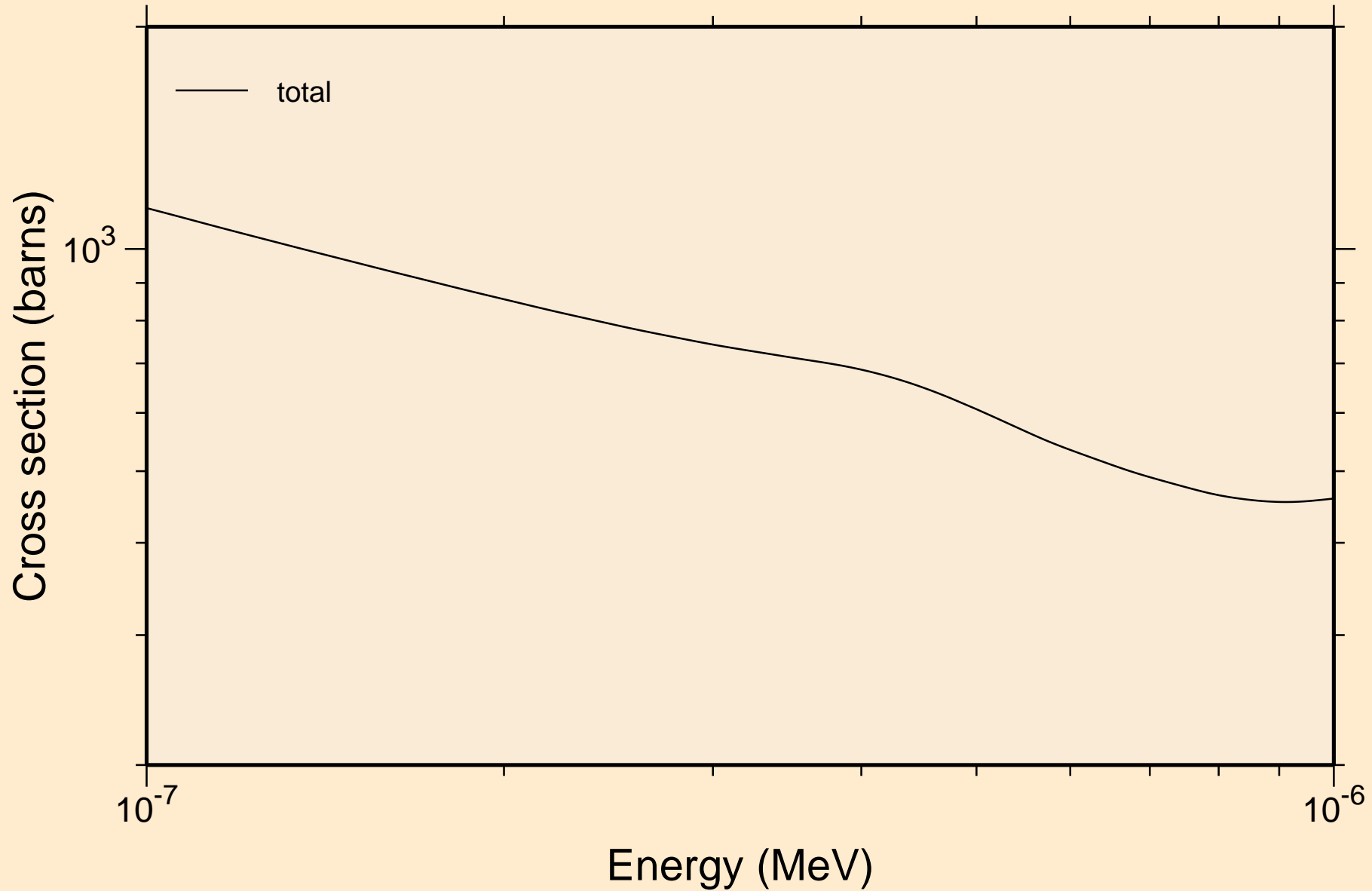


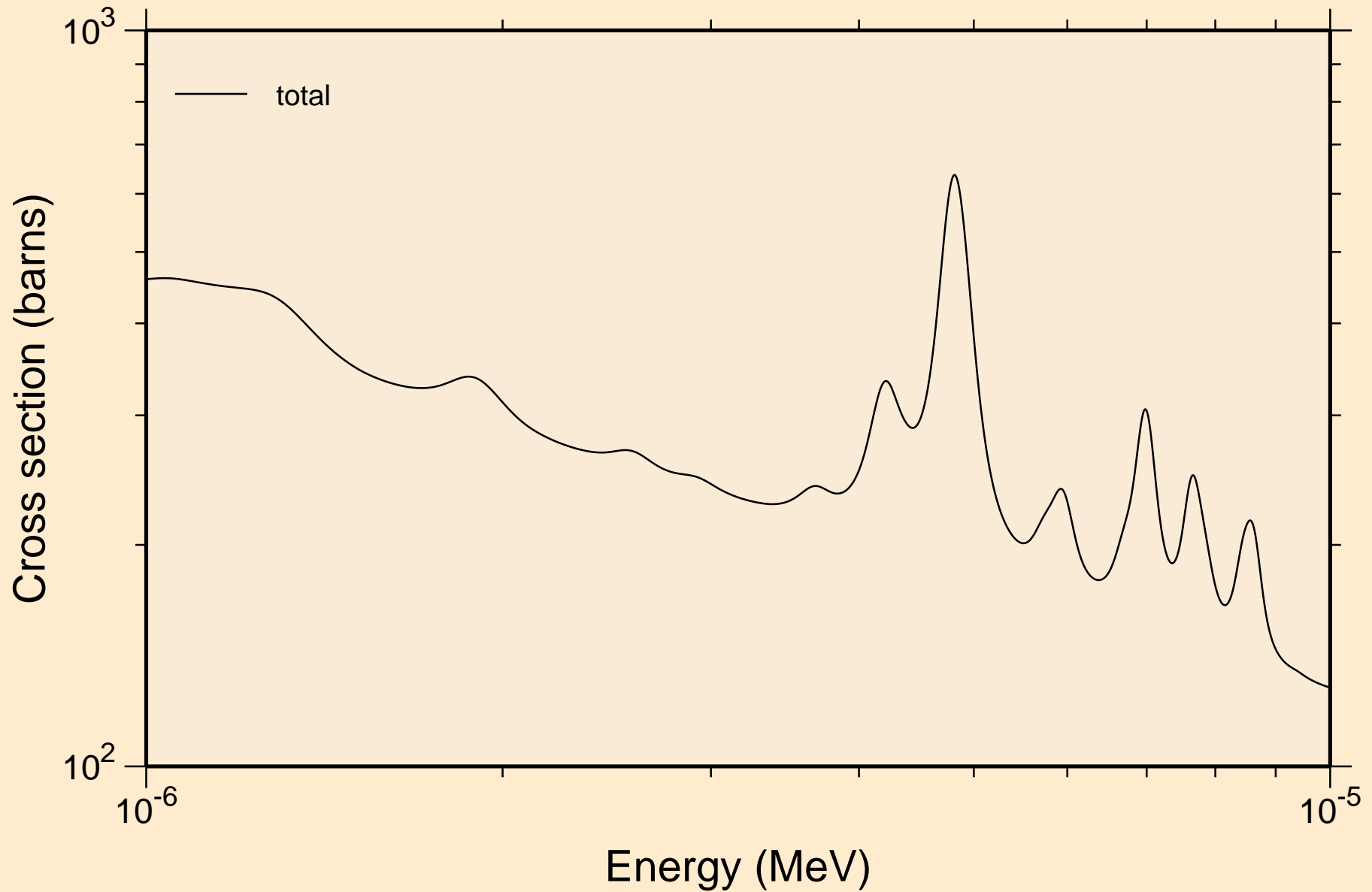
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



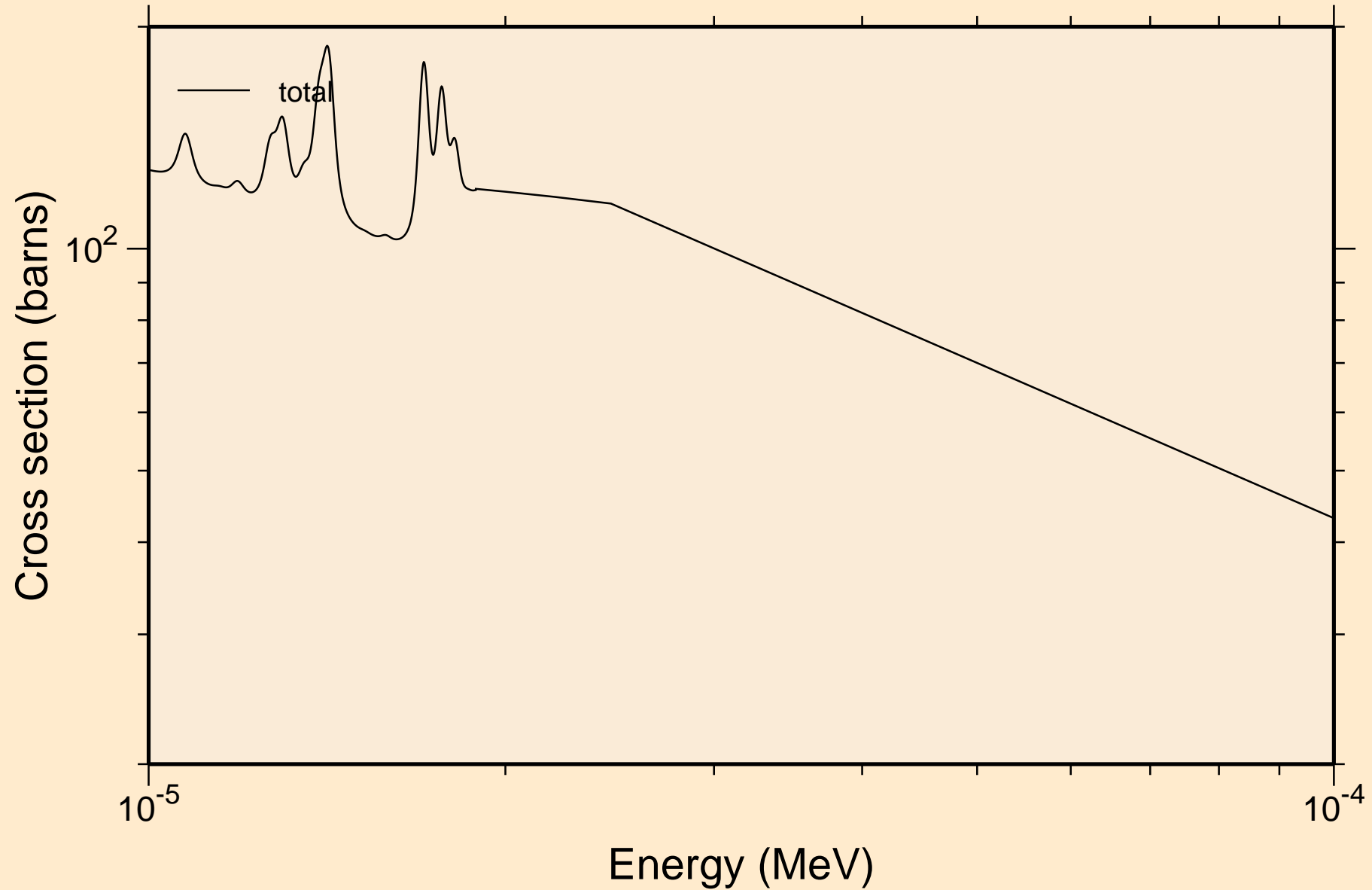
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



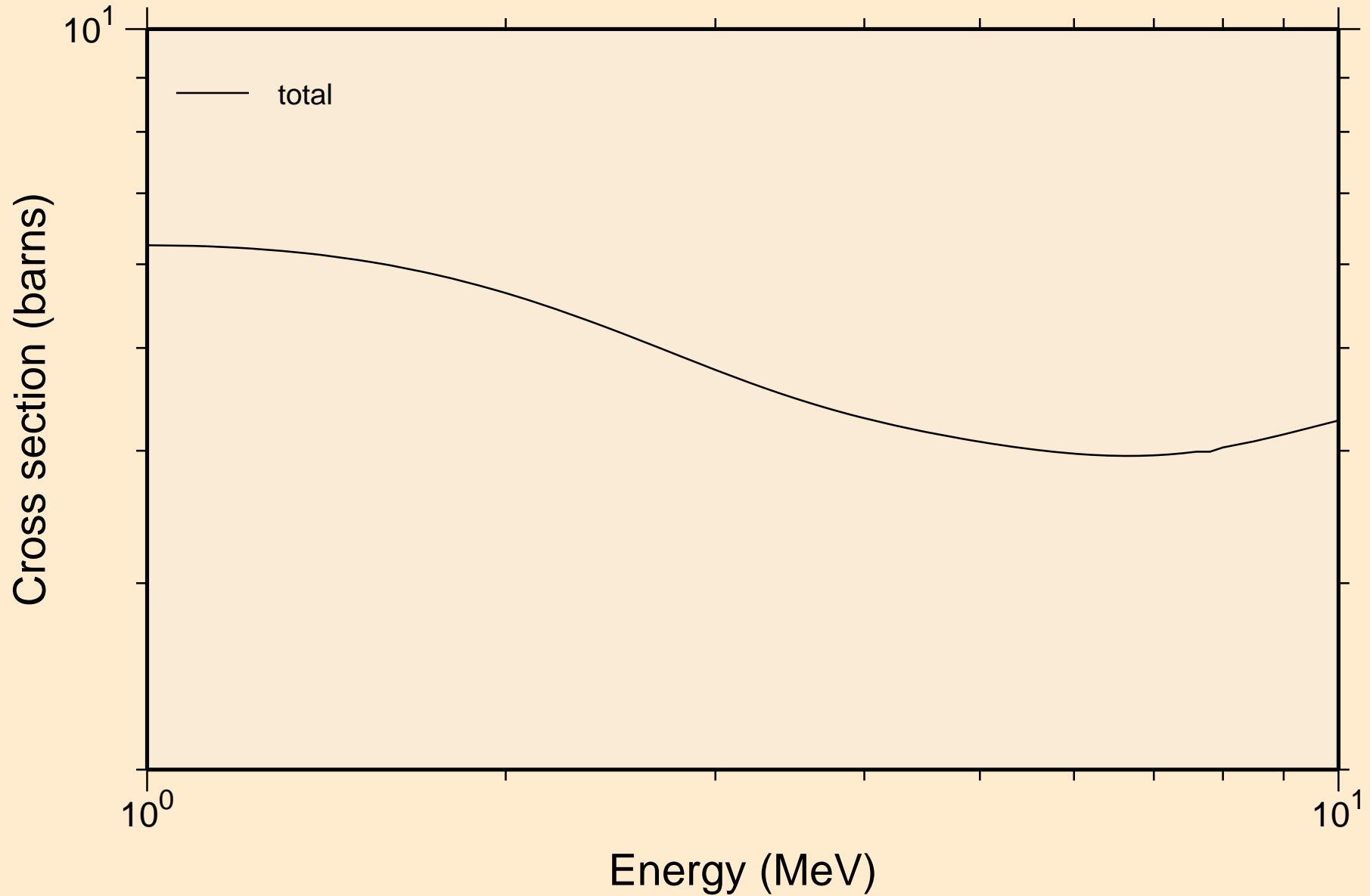
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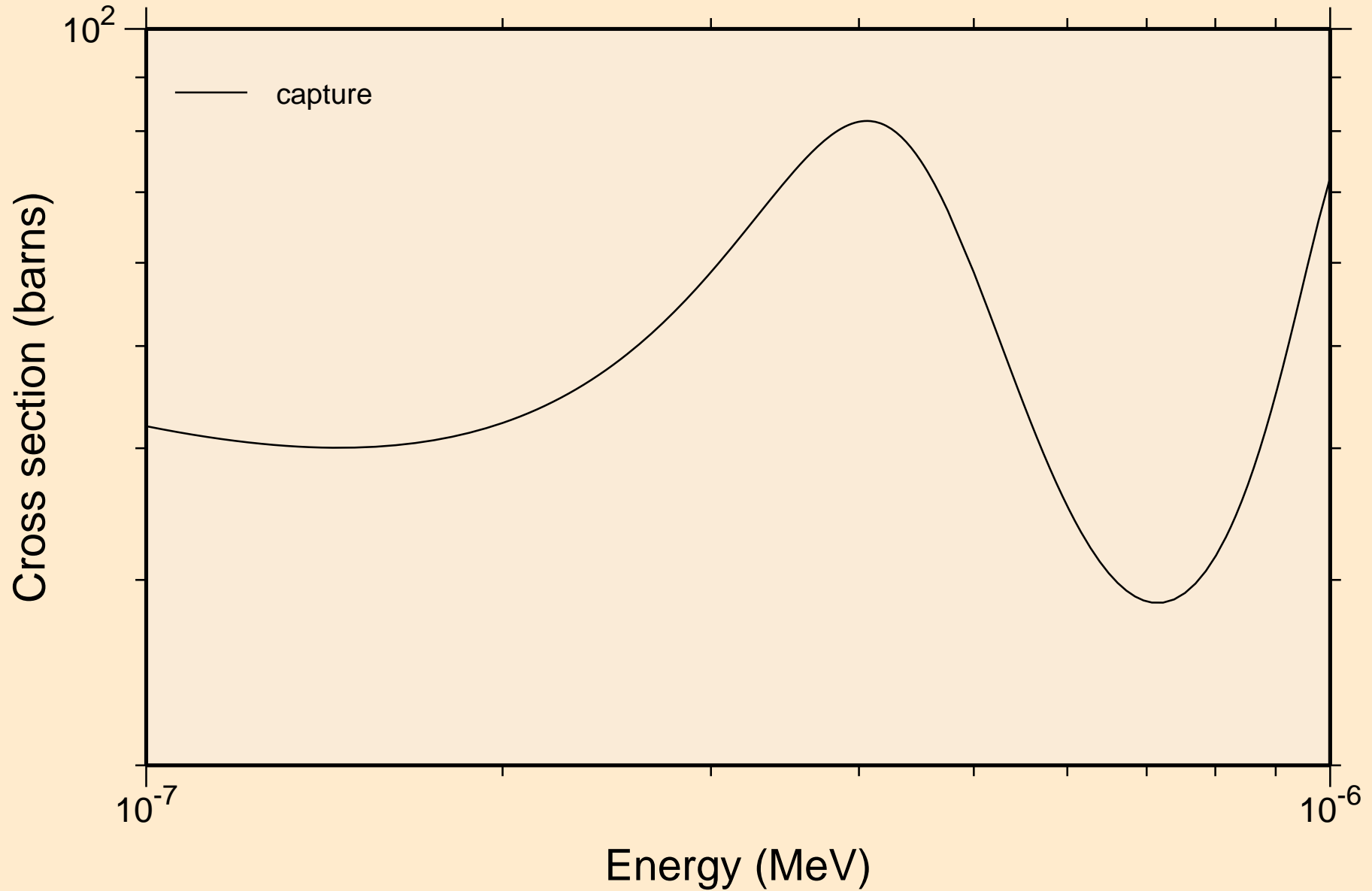
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



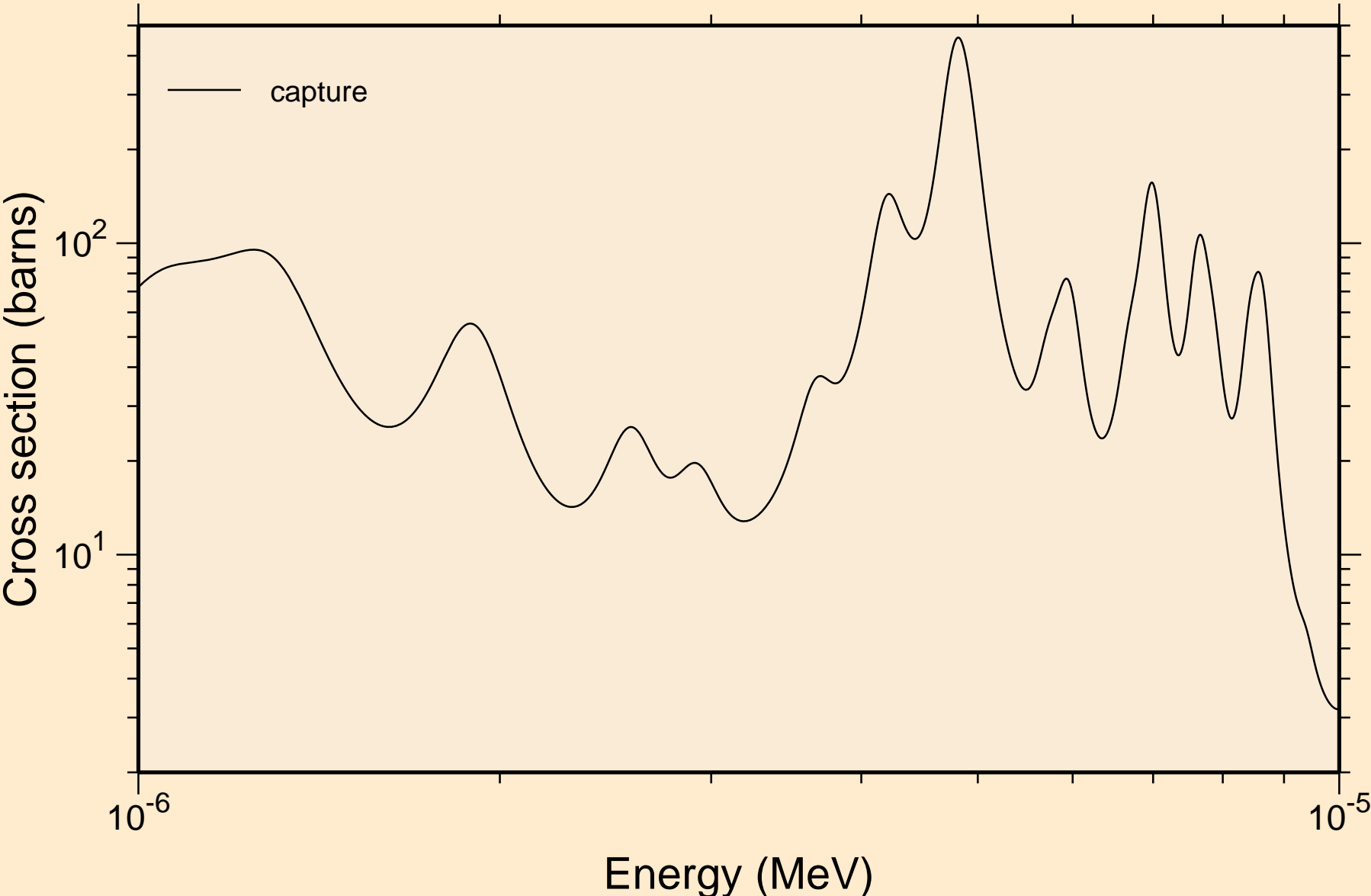
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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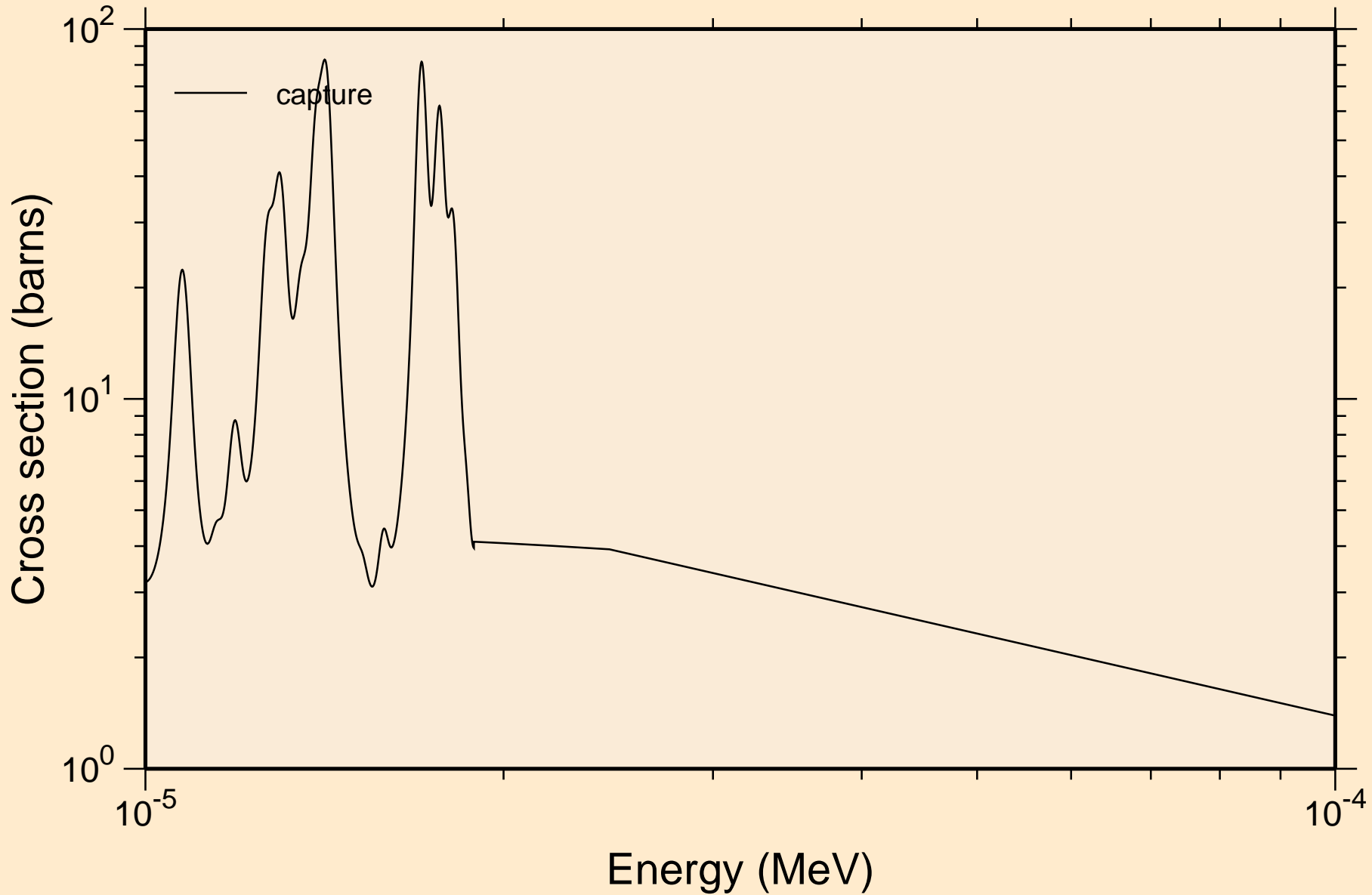
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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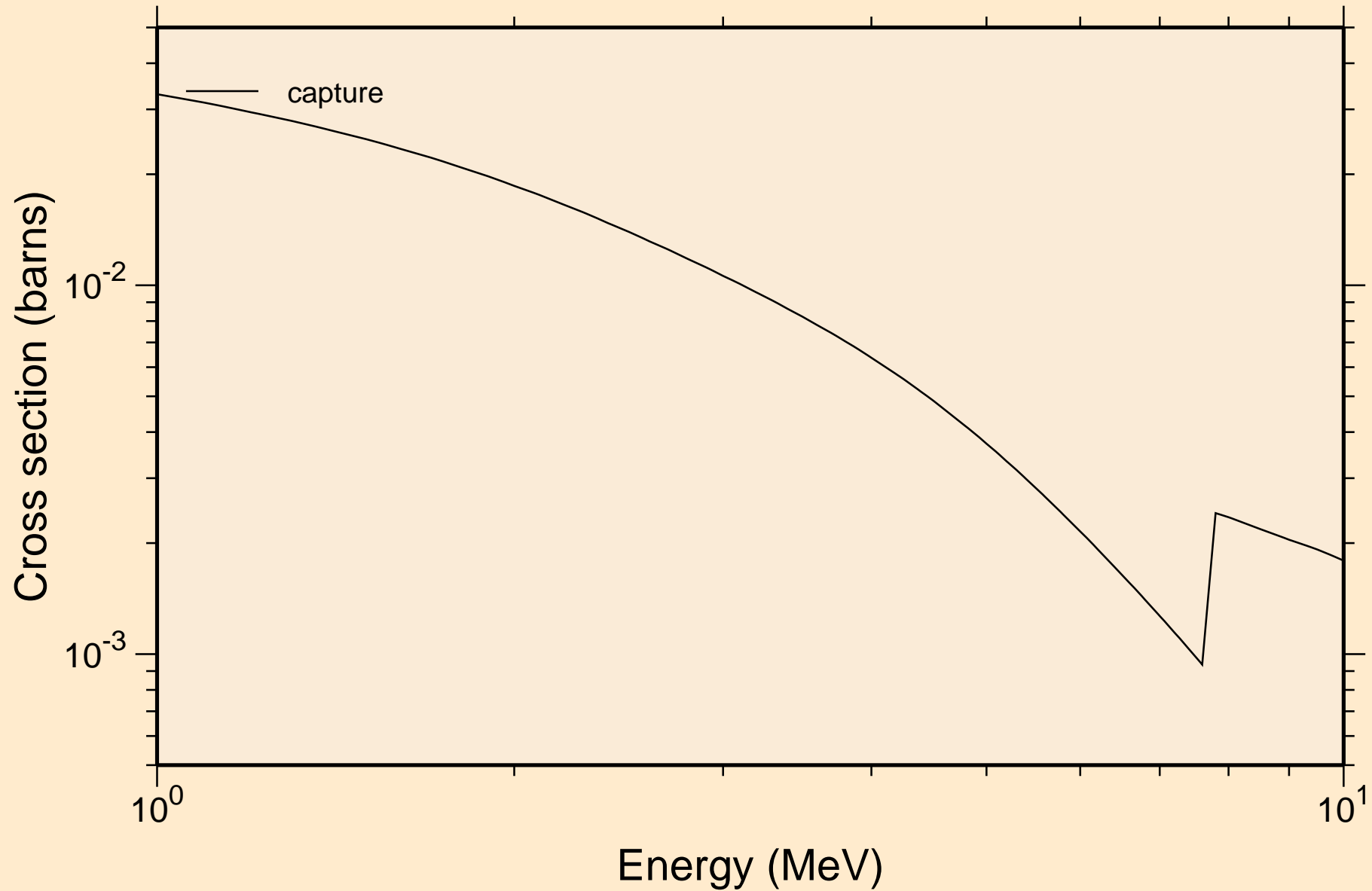


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

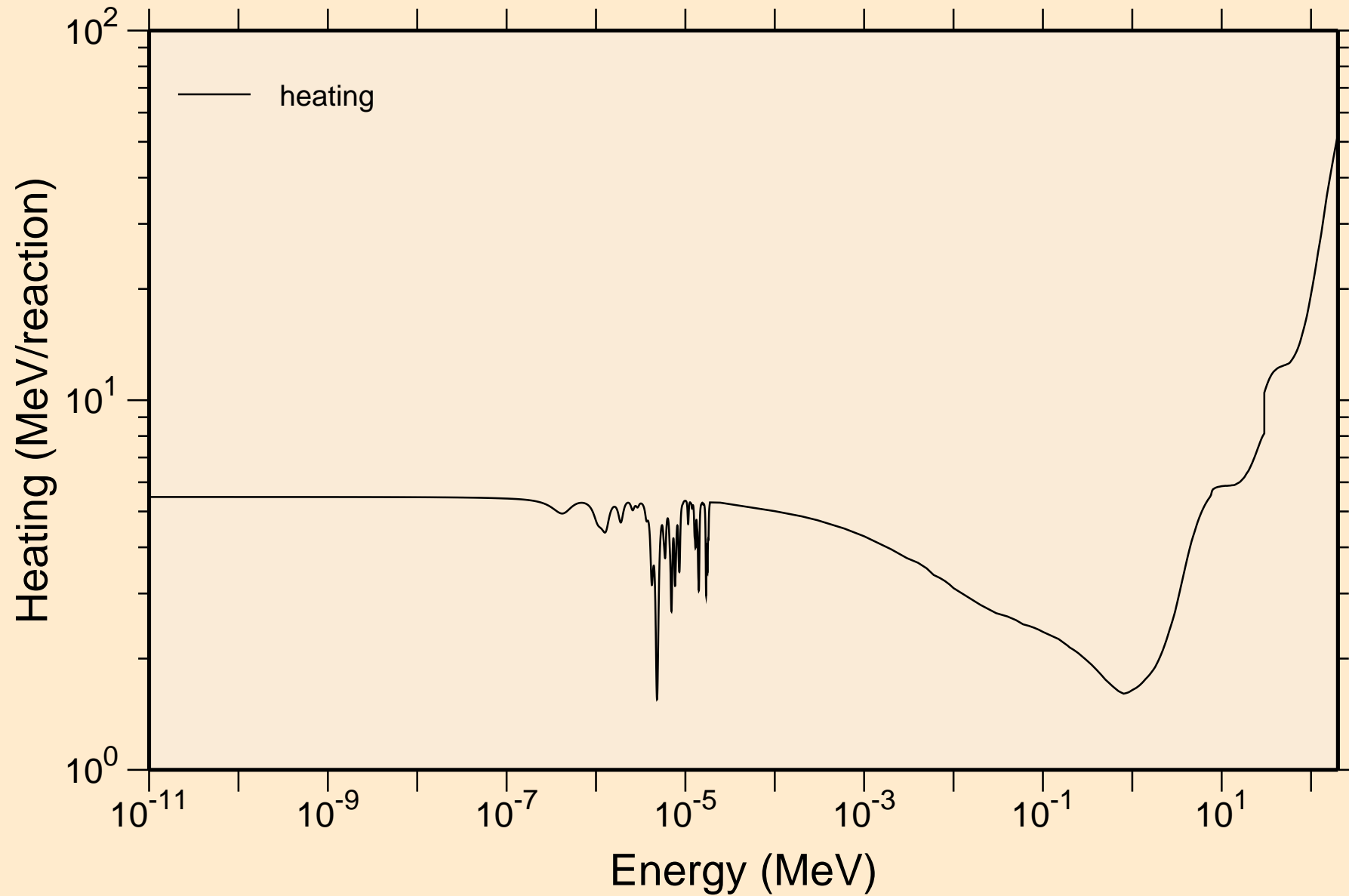




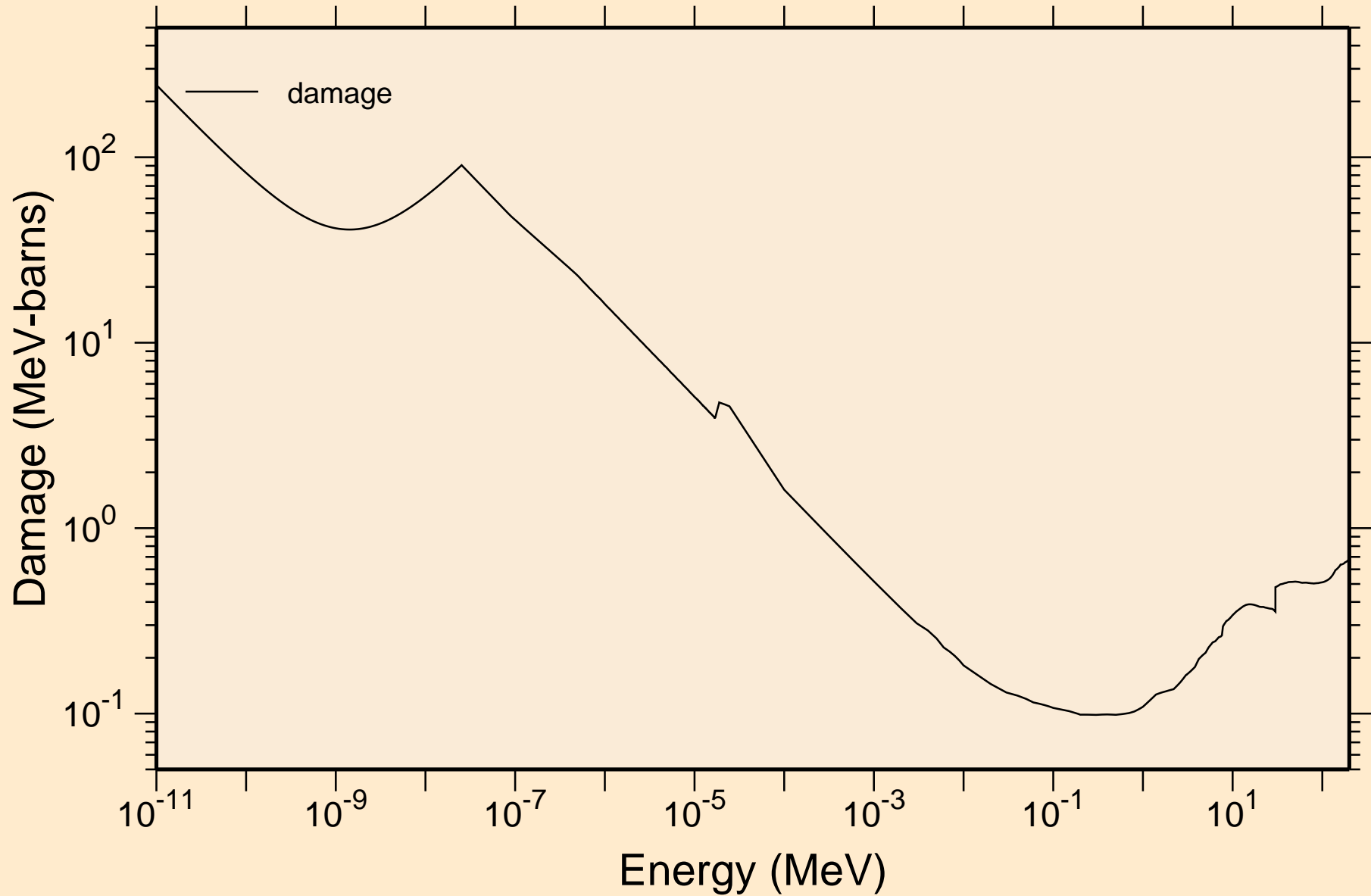
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resonance absorption cross sections



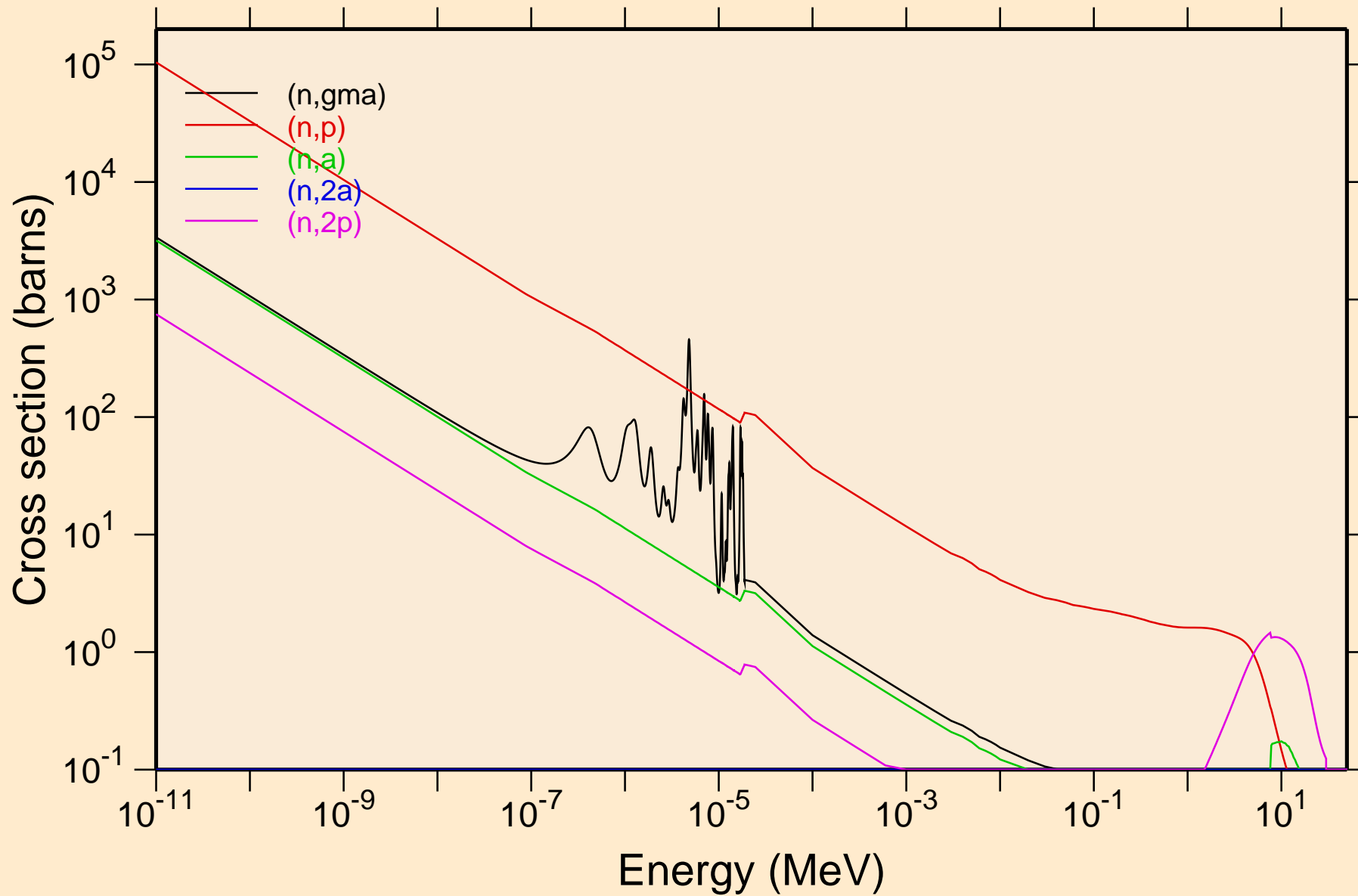
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



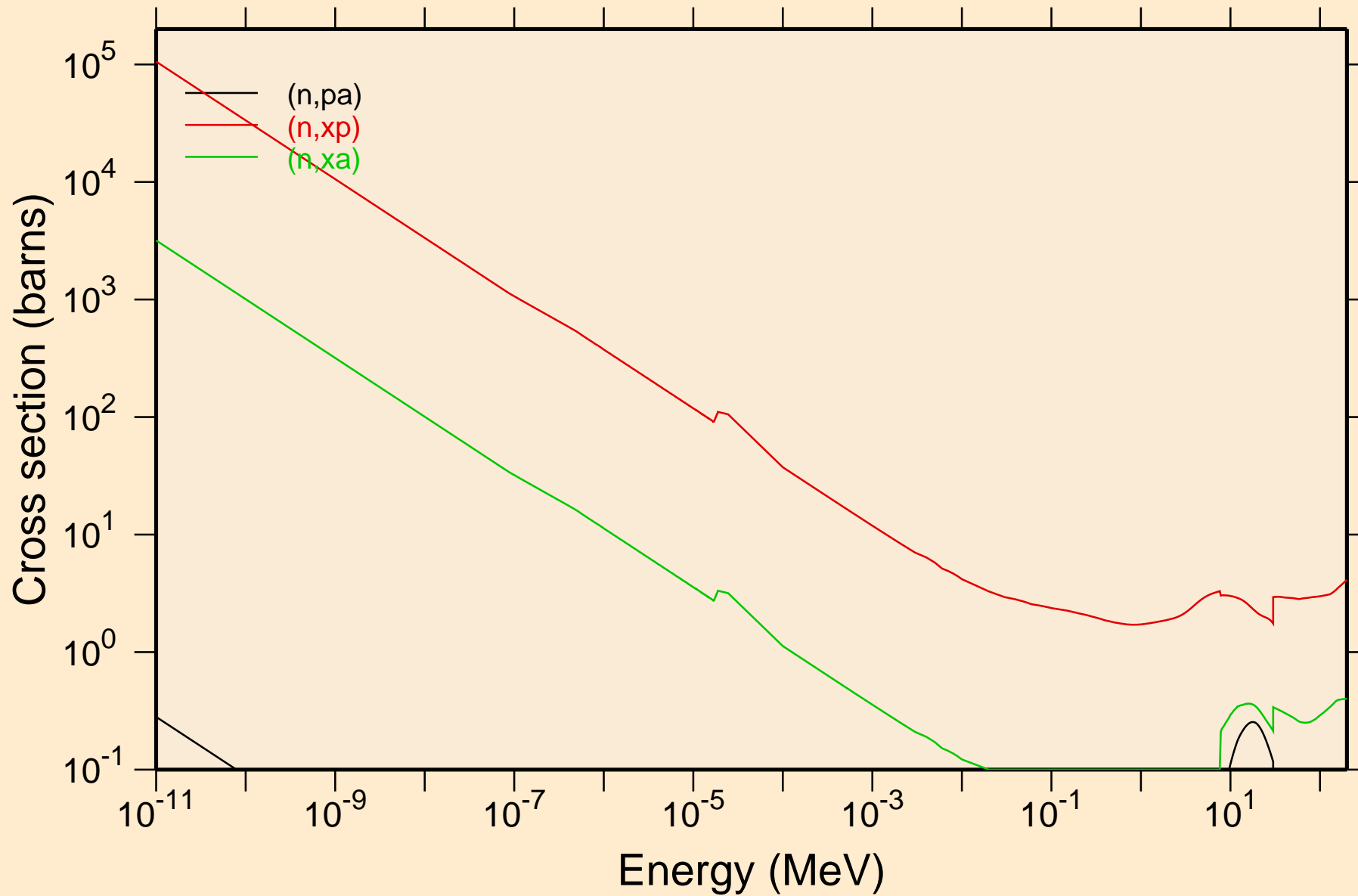
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

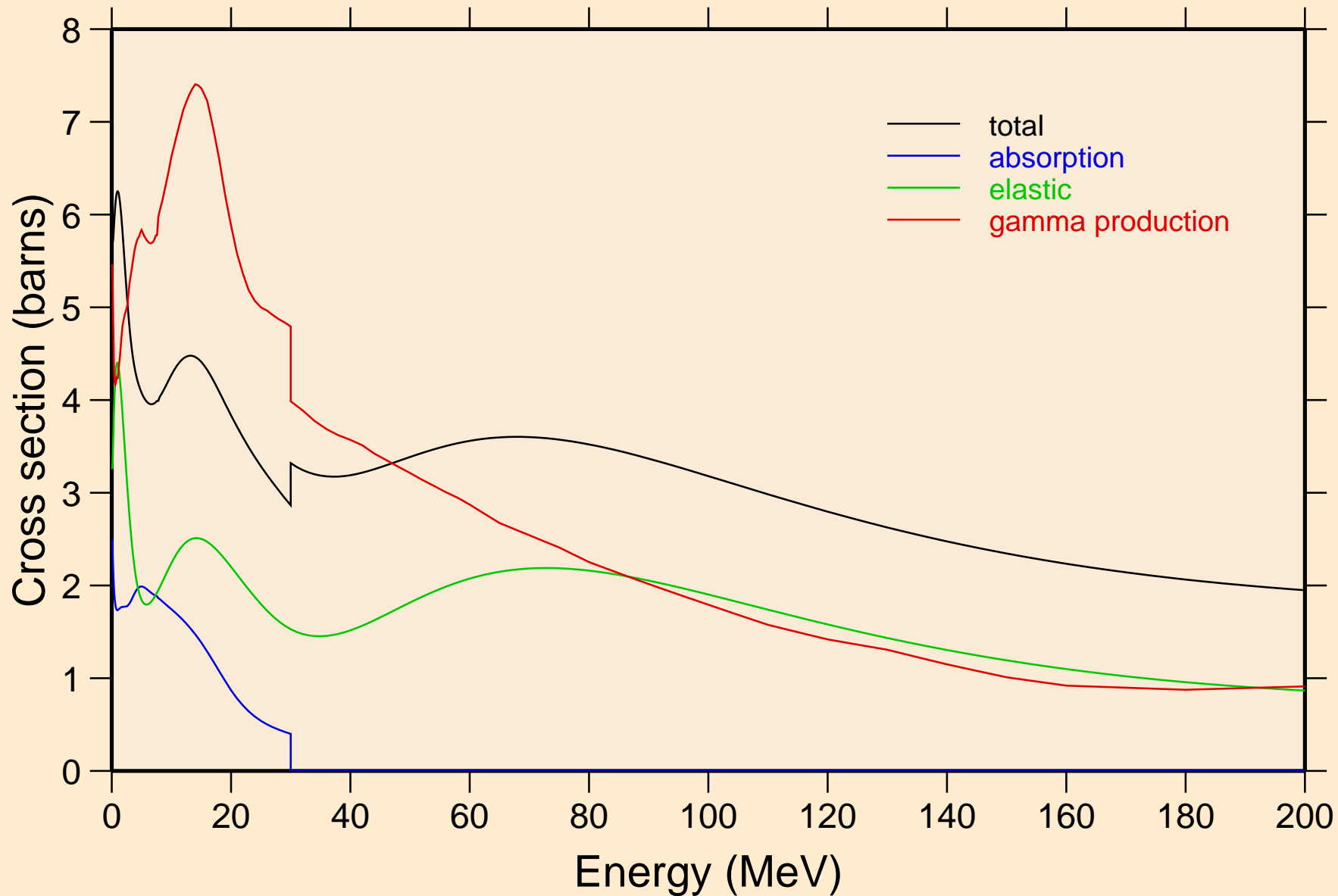


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



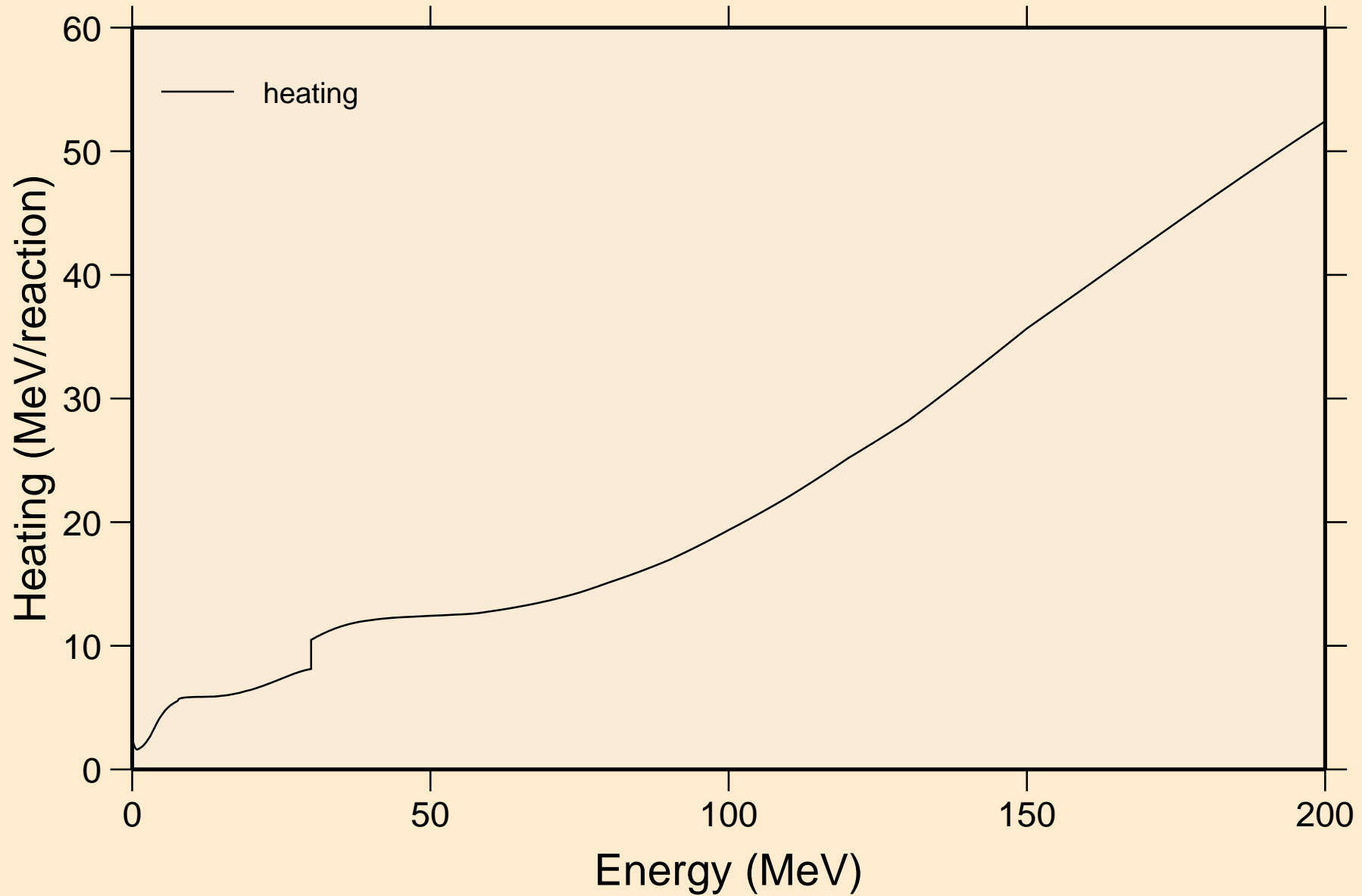
# XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

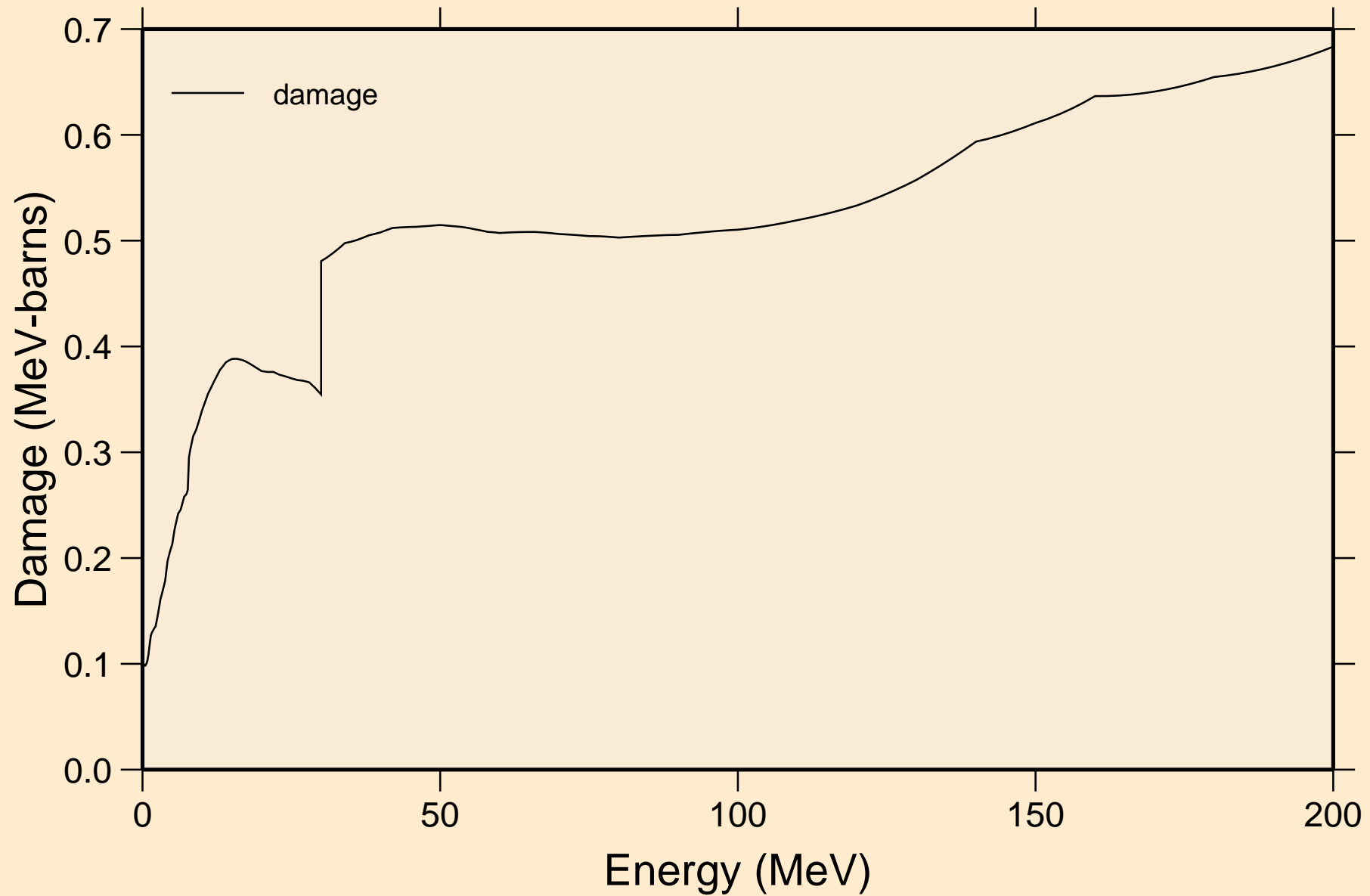


# XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

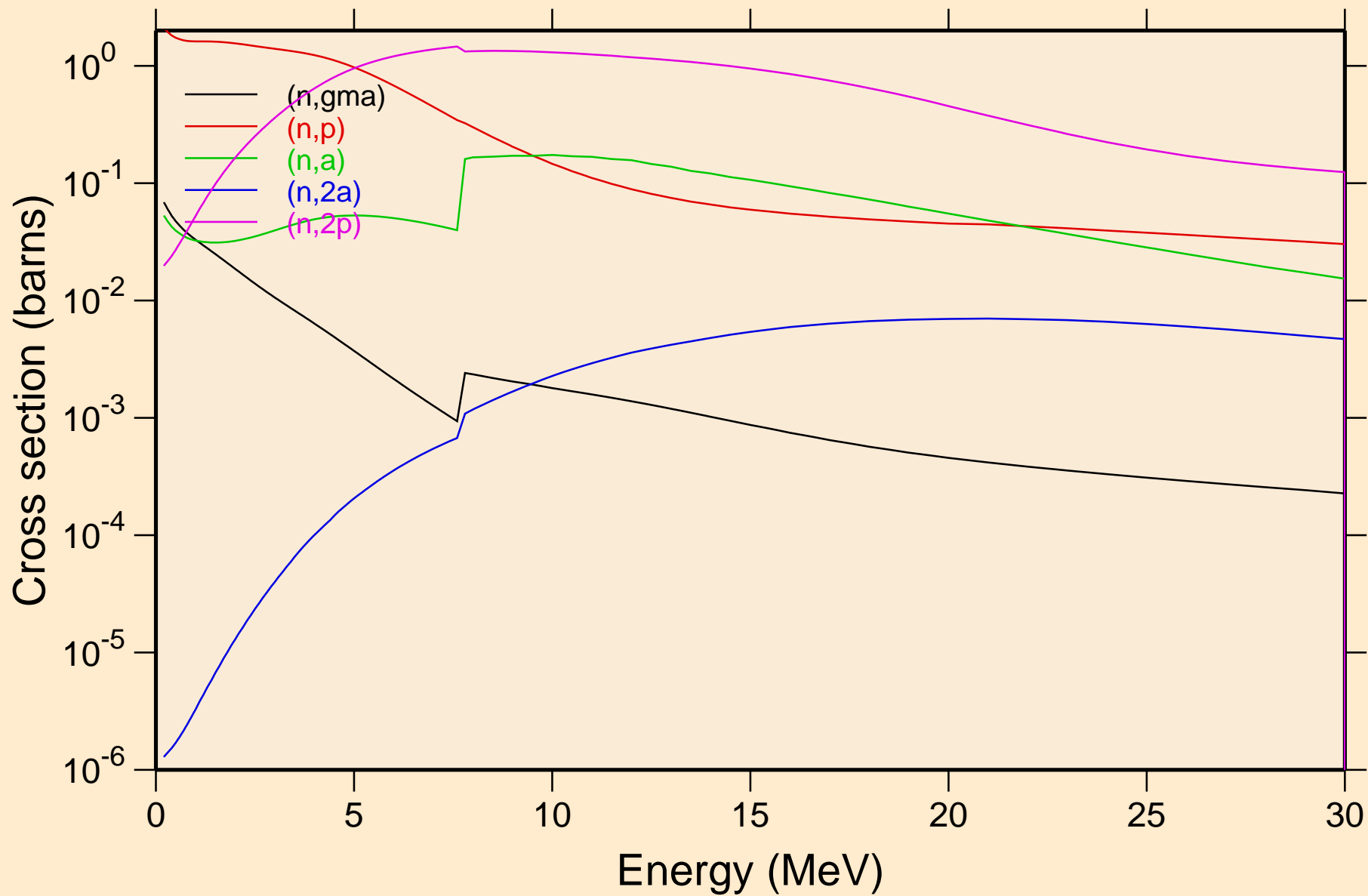


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

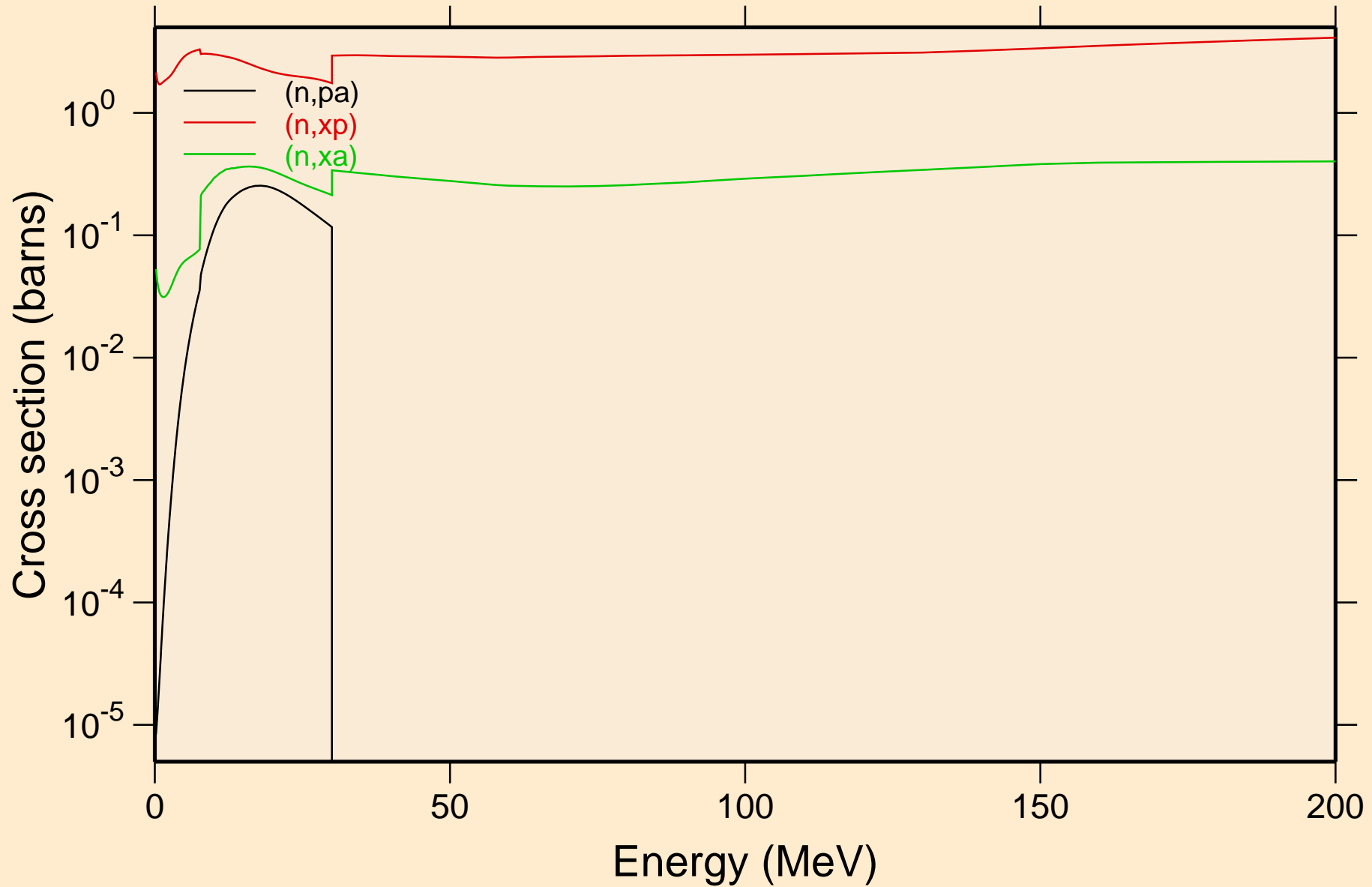




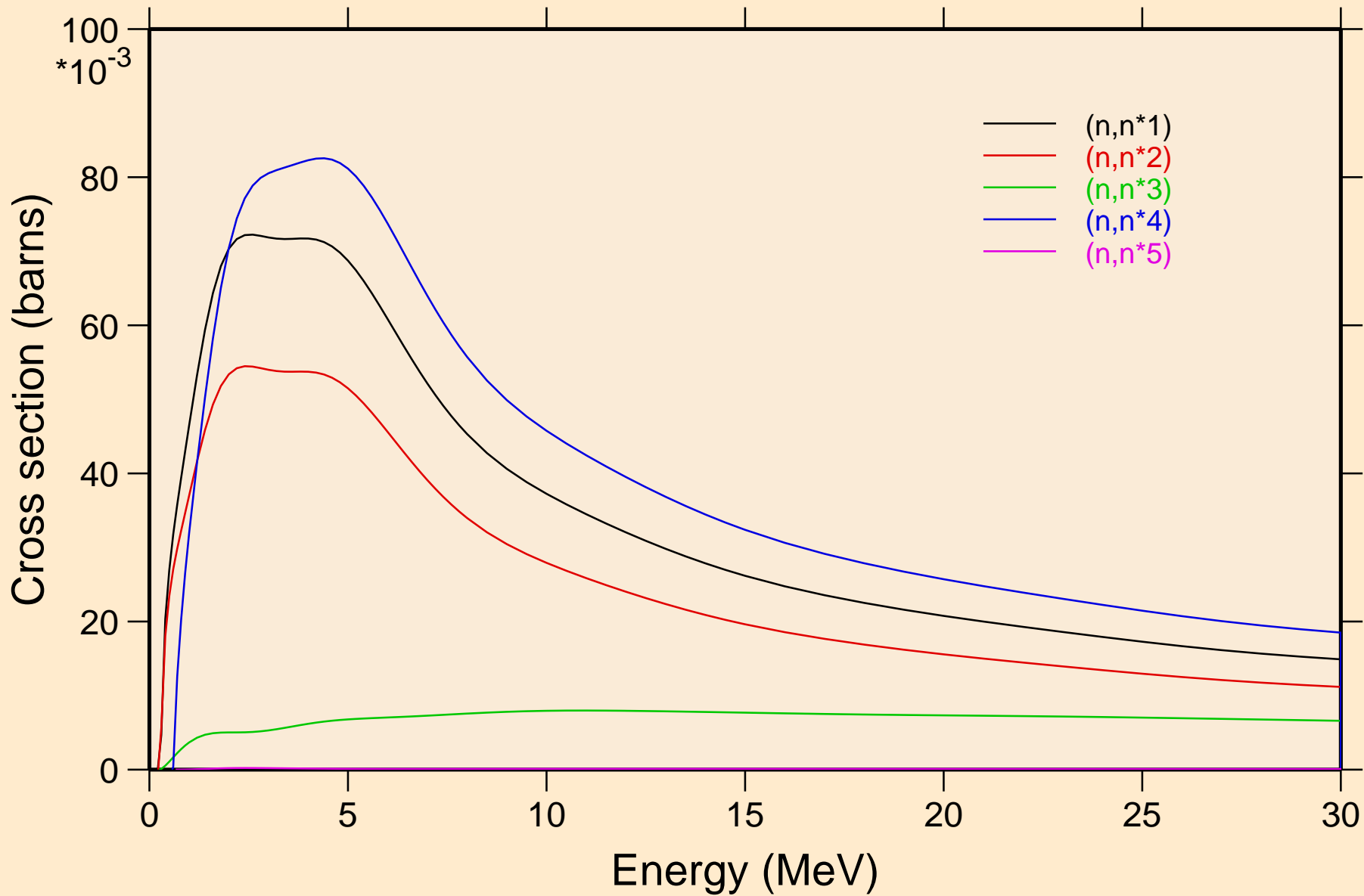
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



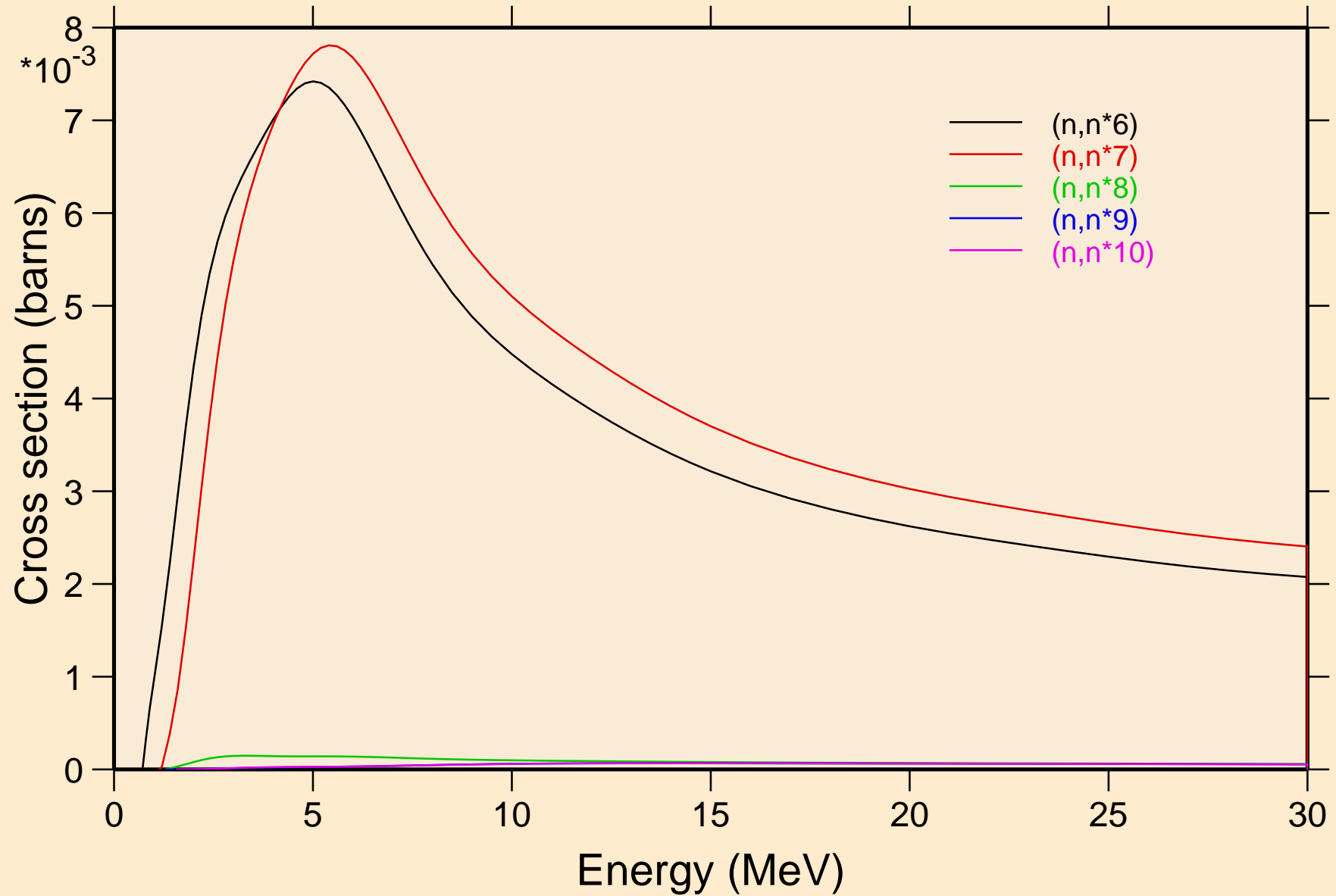
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



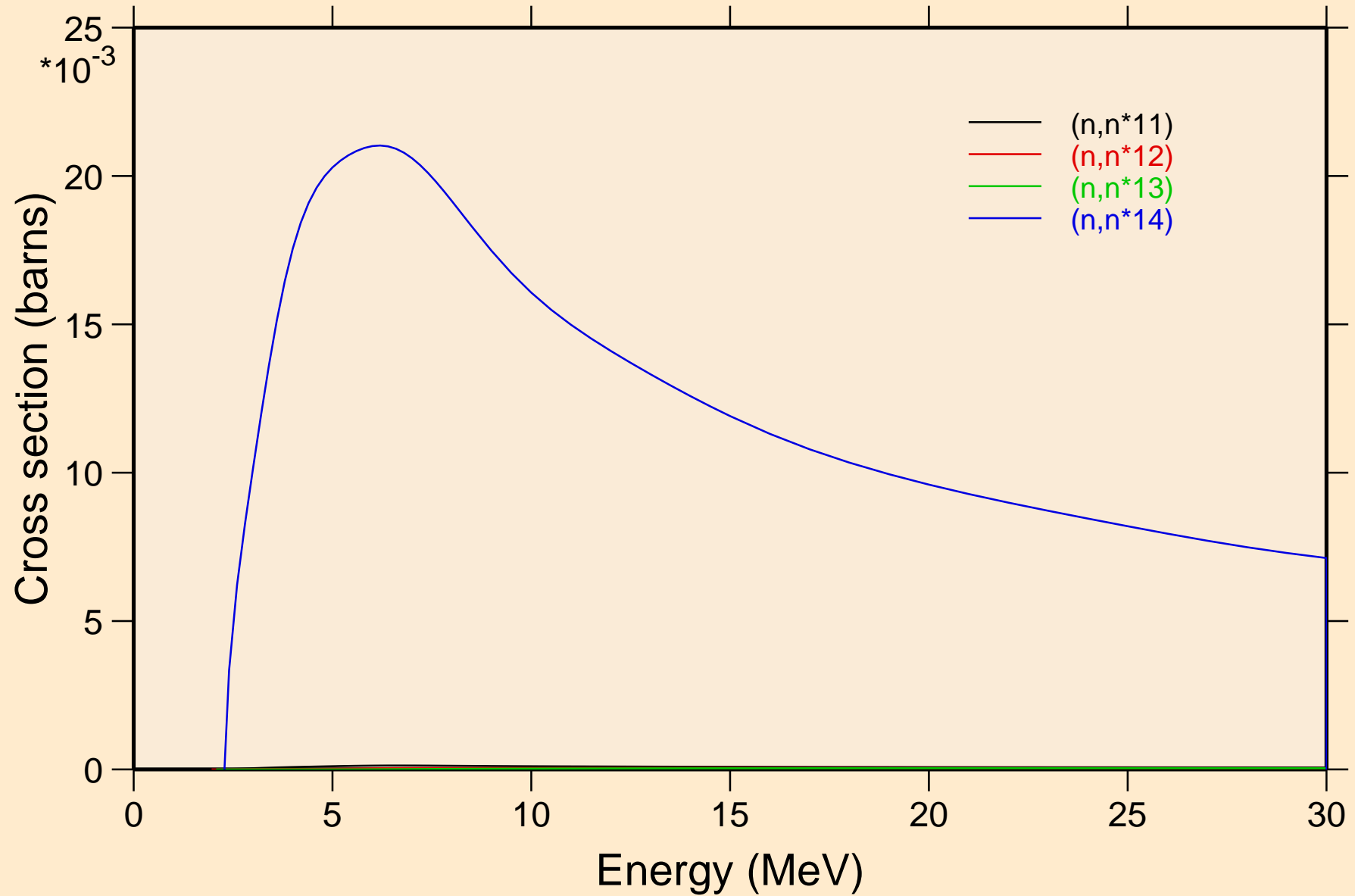
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

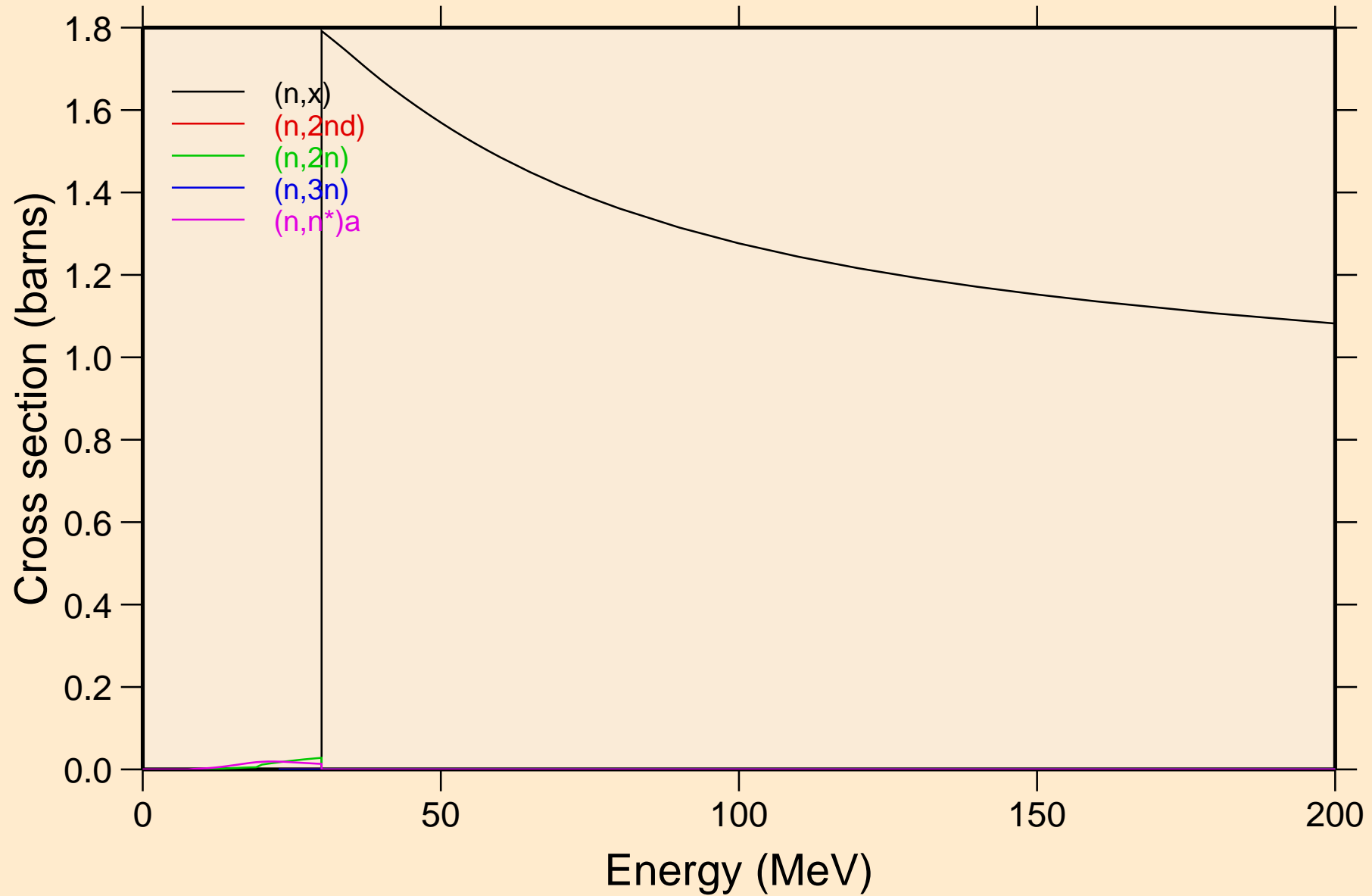


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



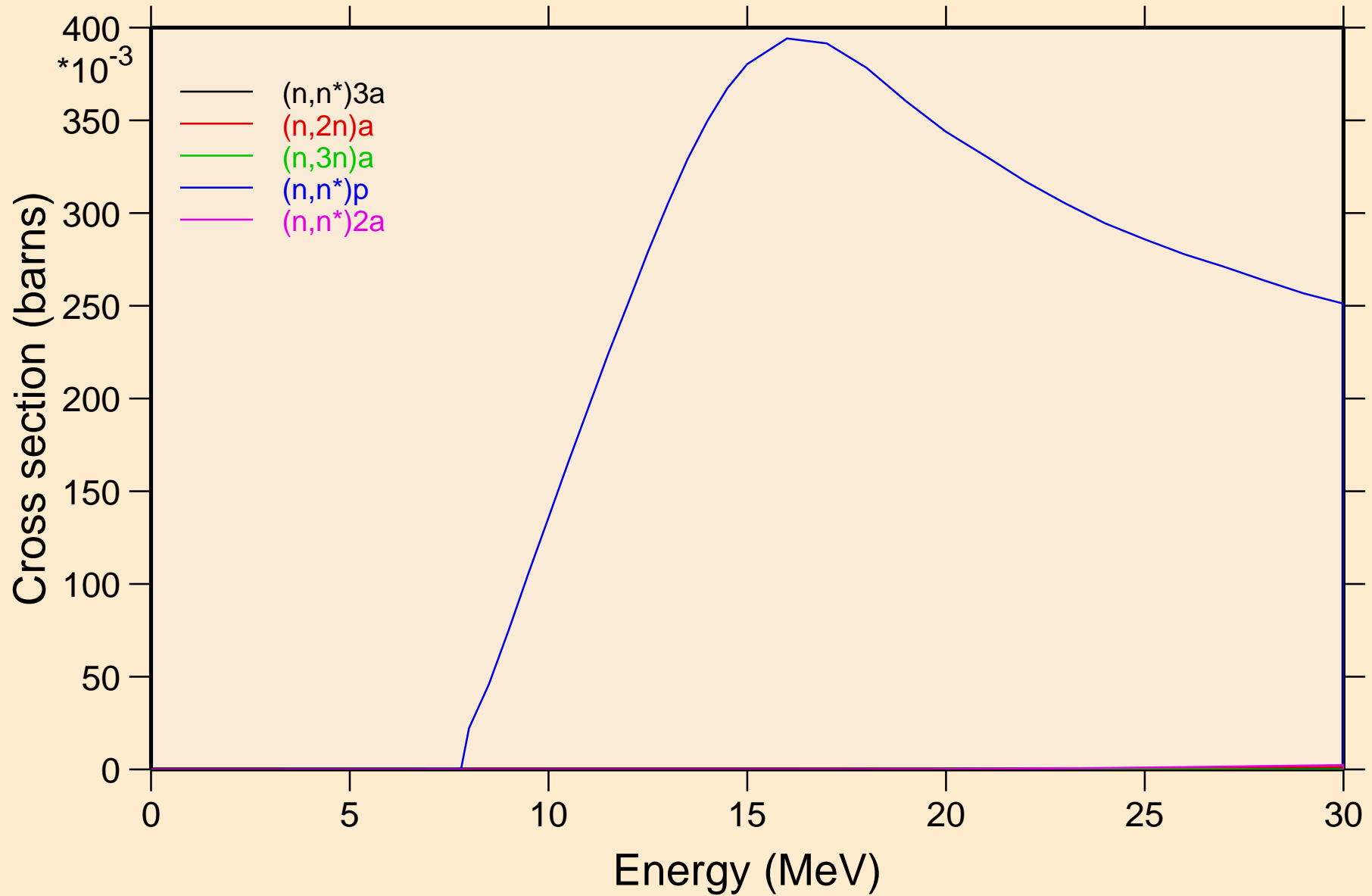
# XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

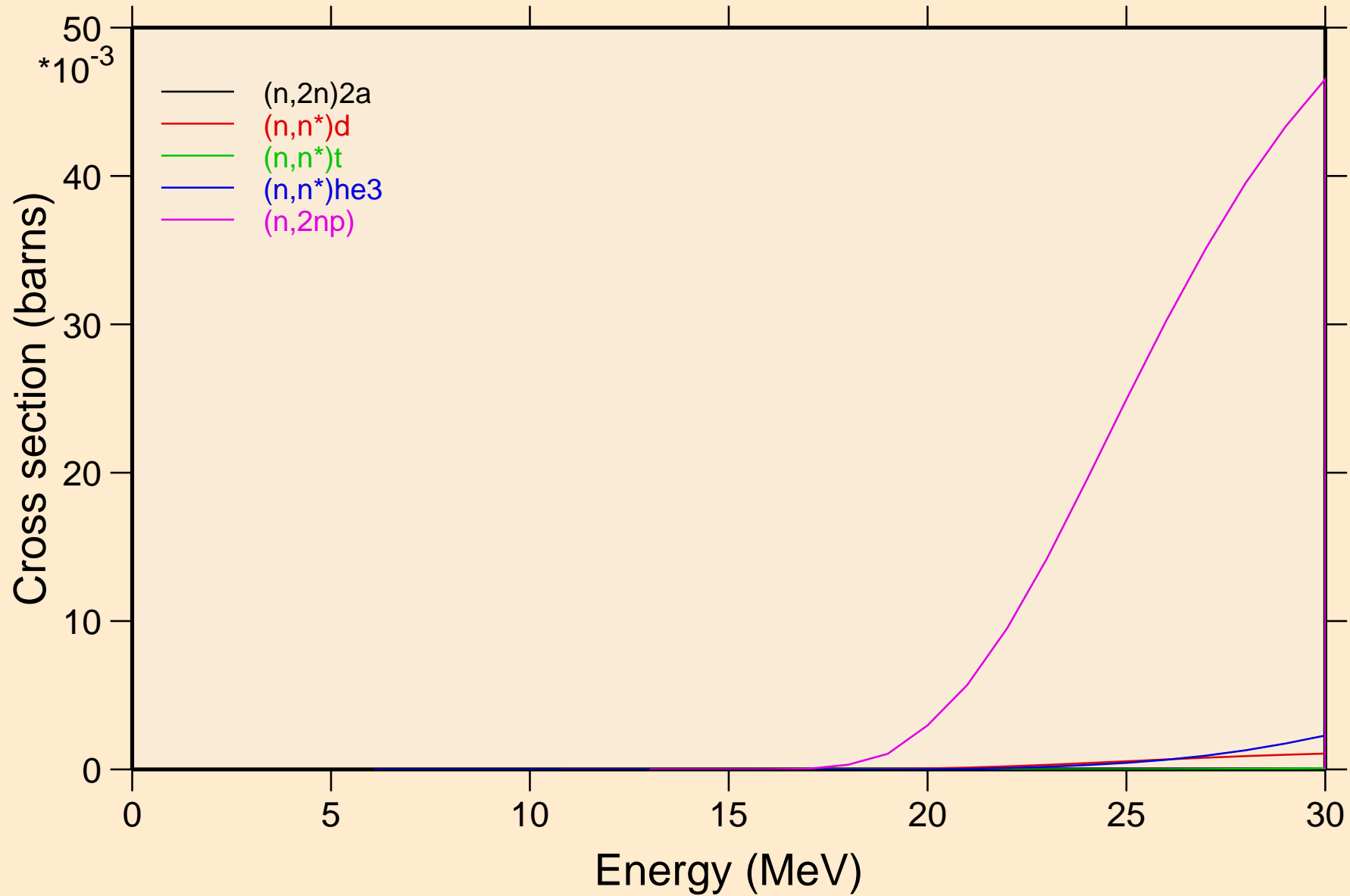


# XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

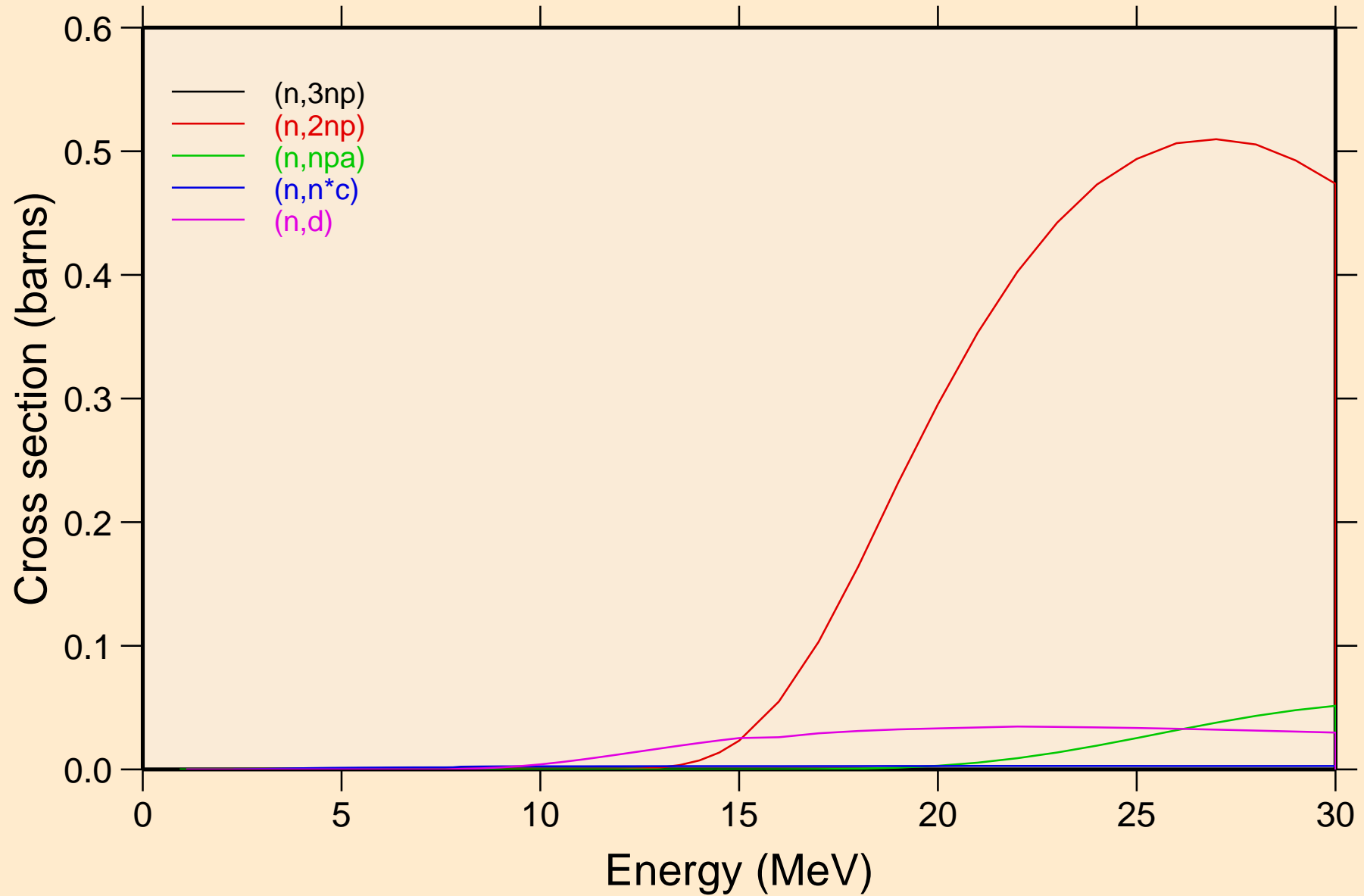


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

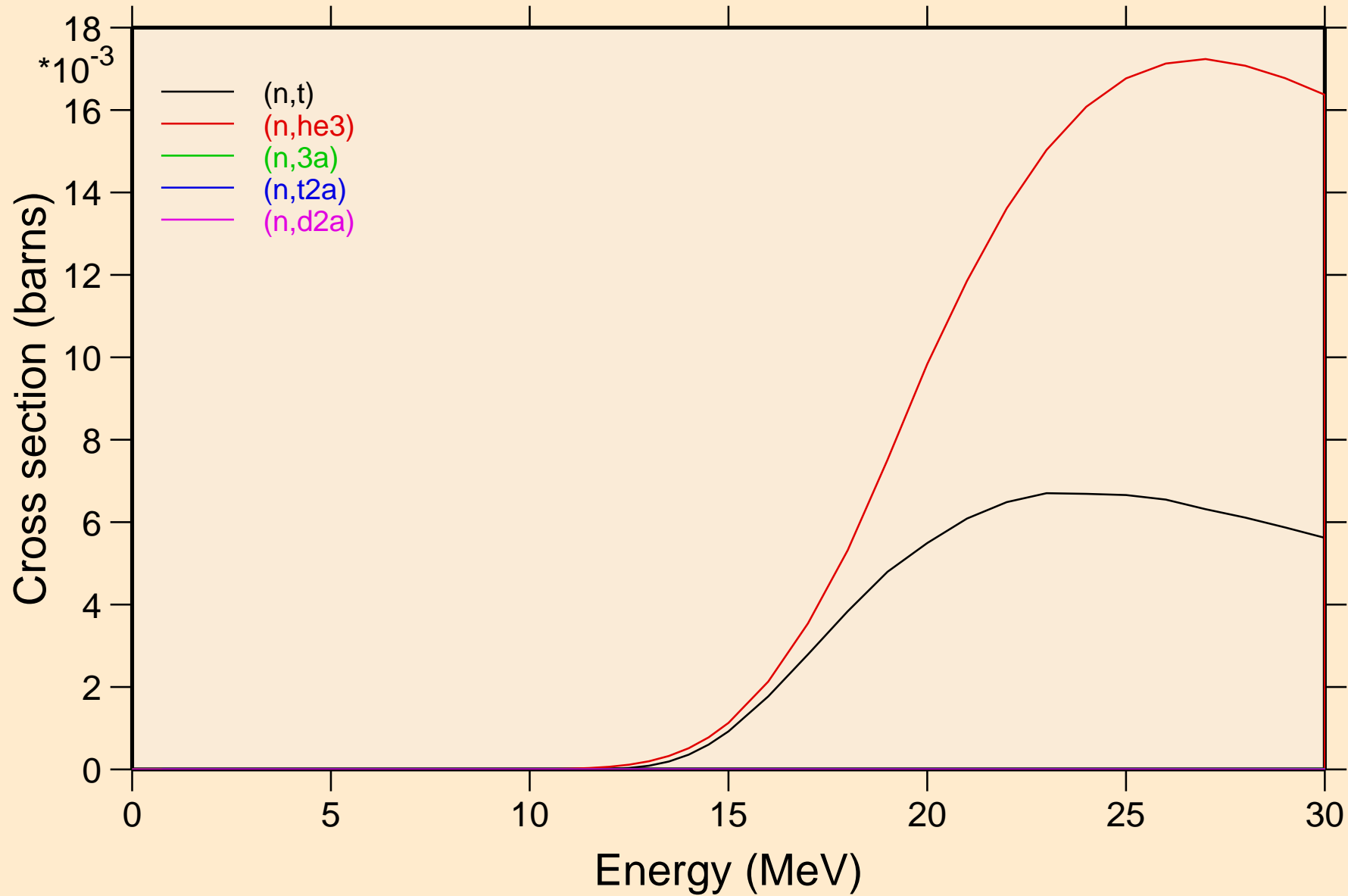




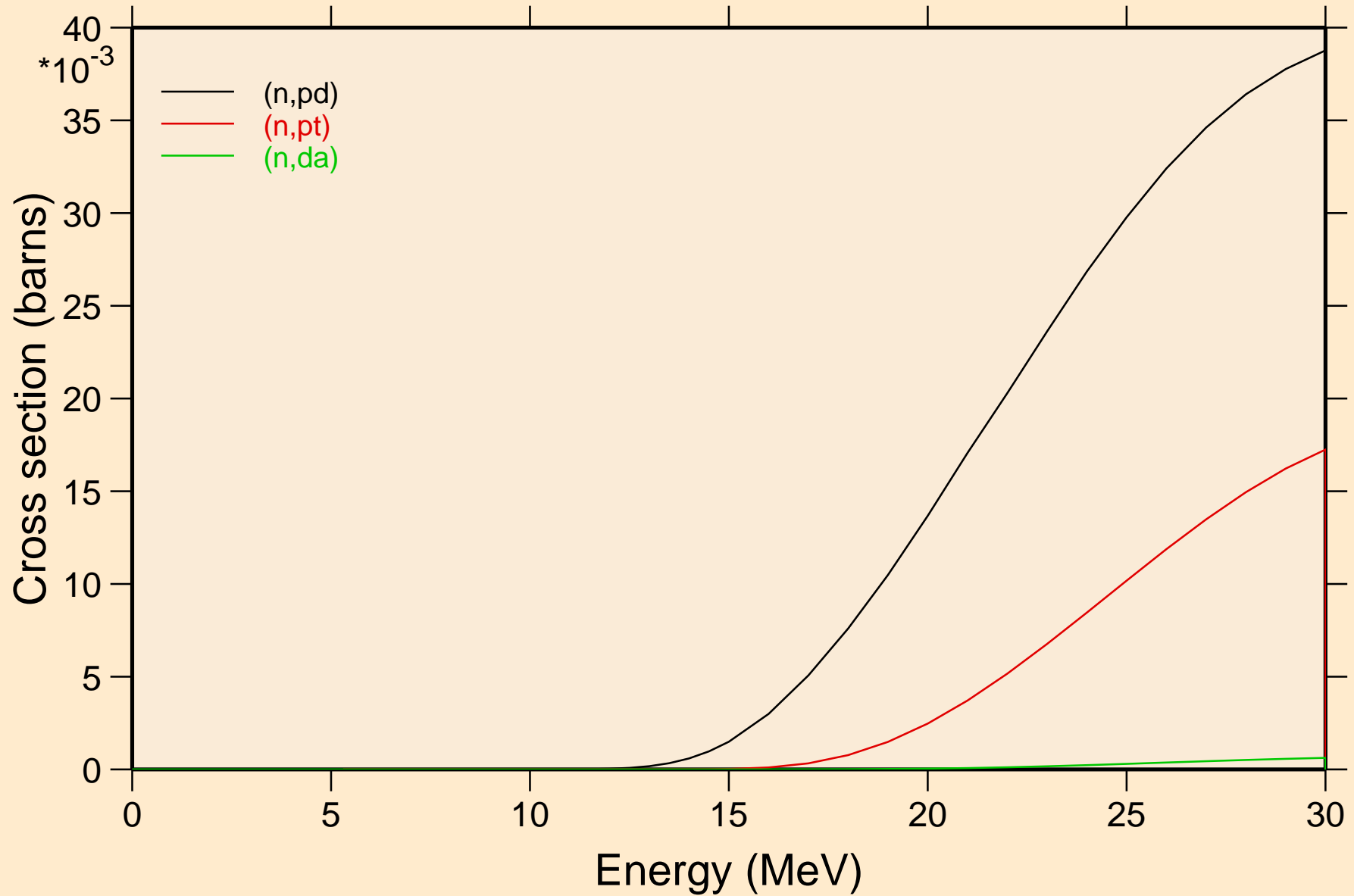
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



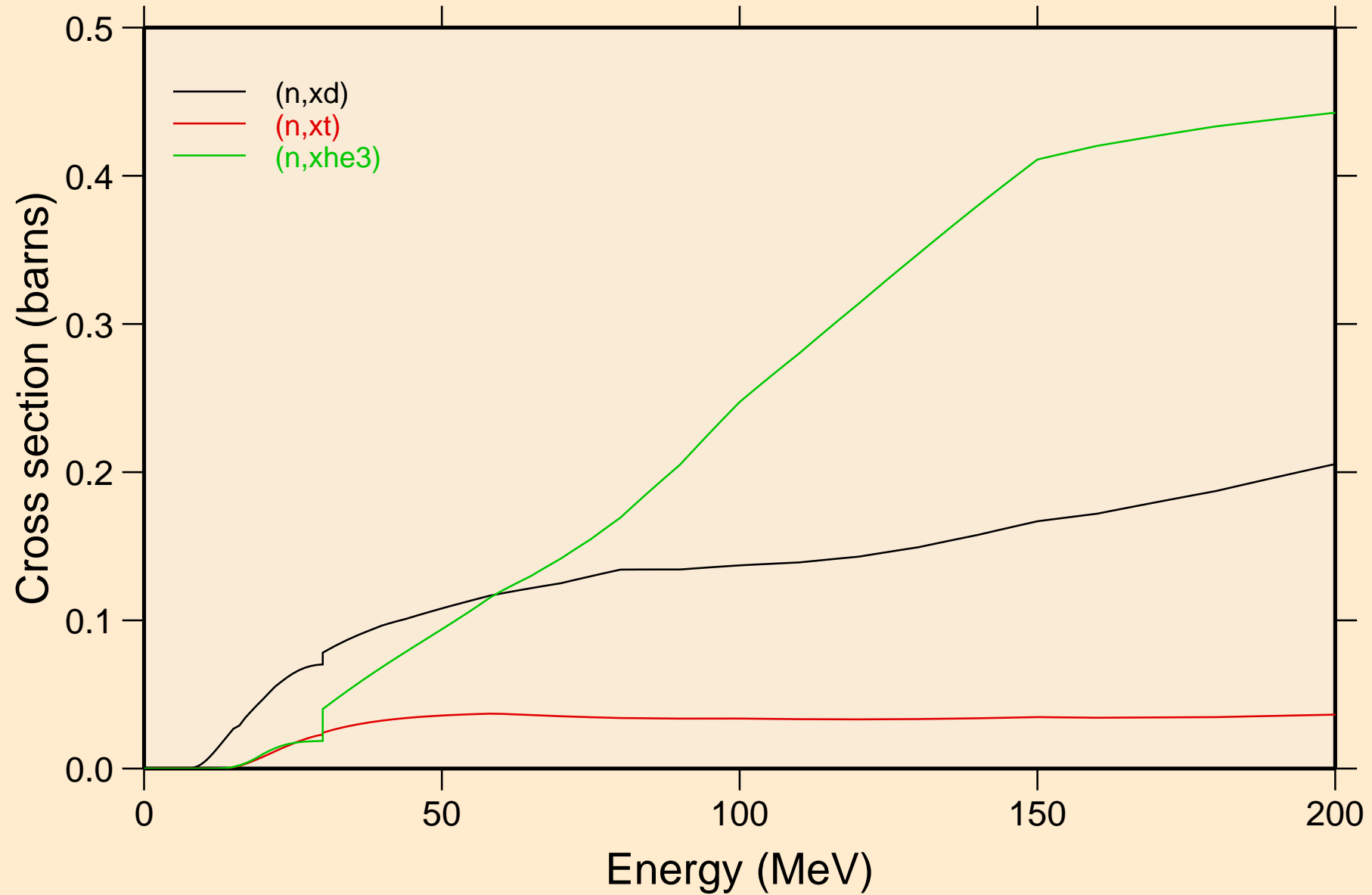
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



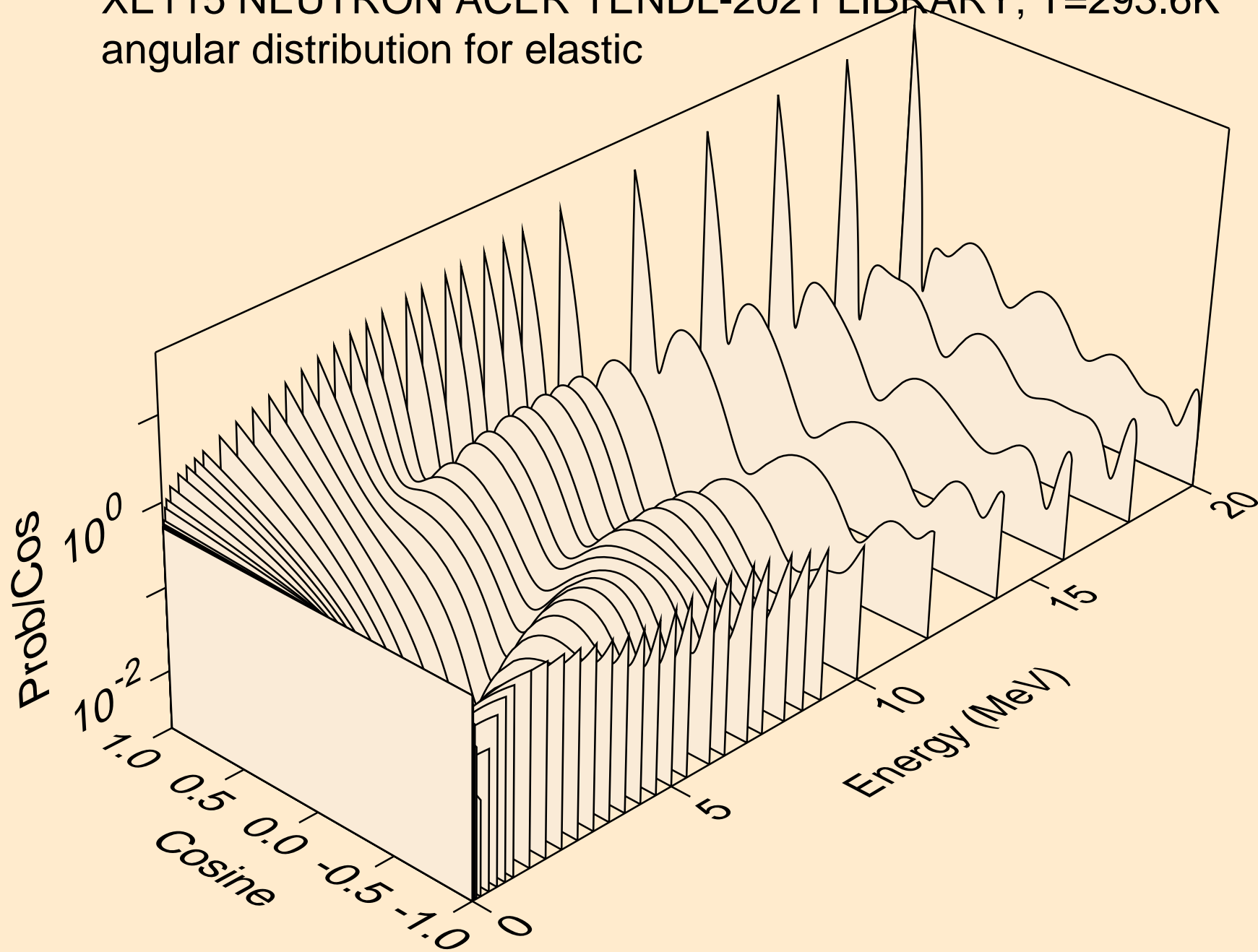
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Threshold reactions



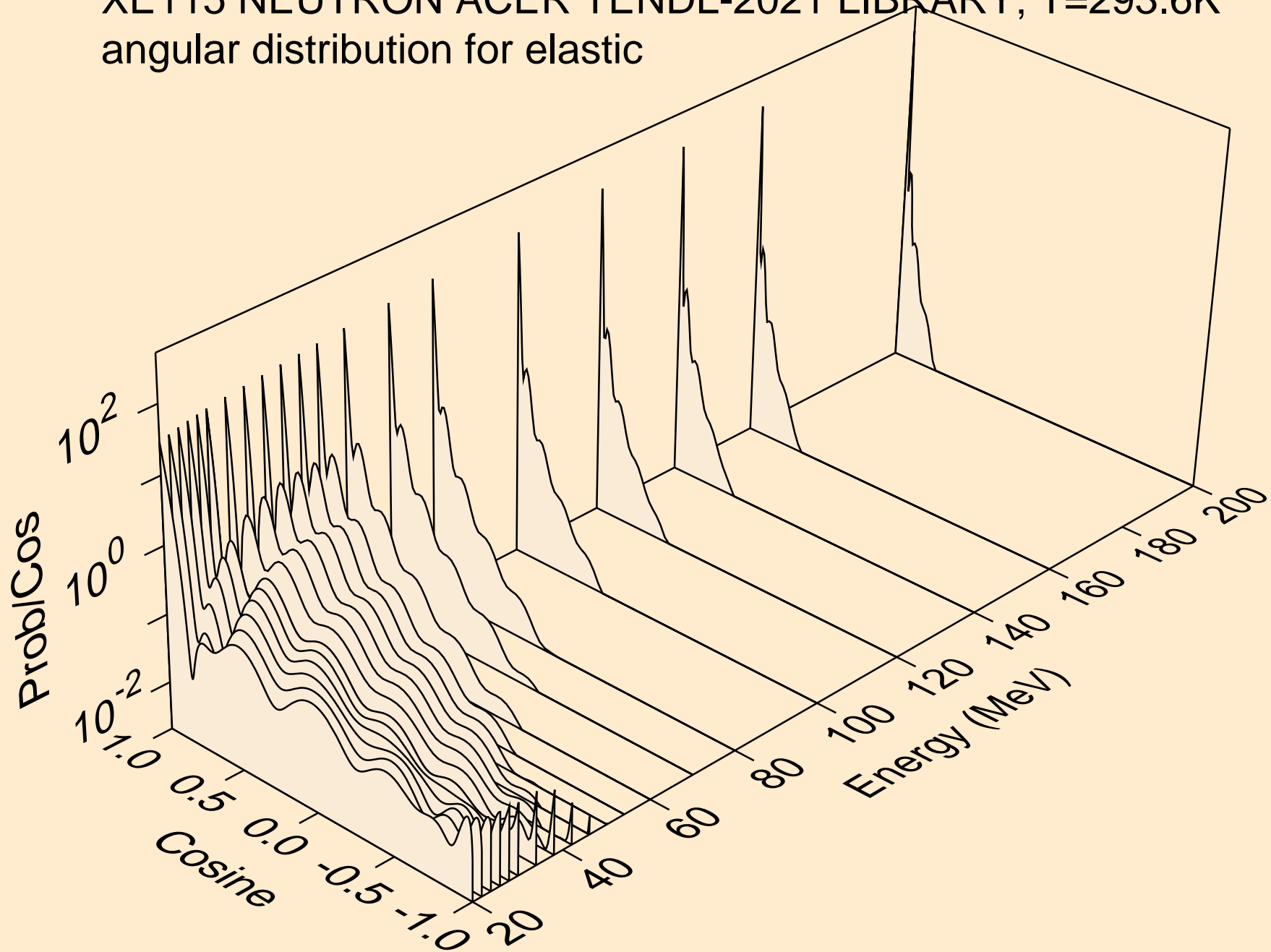
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



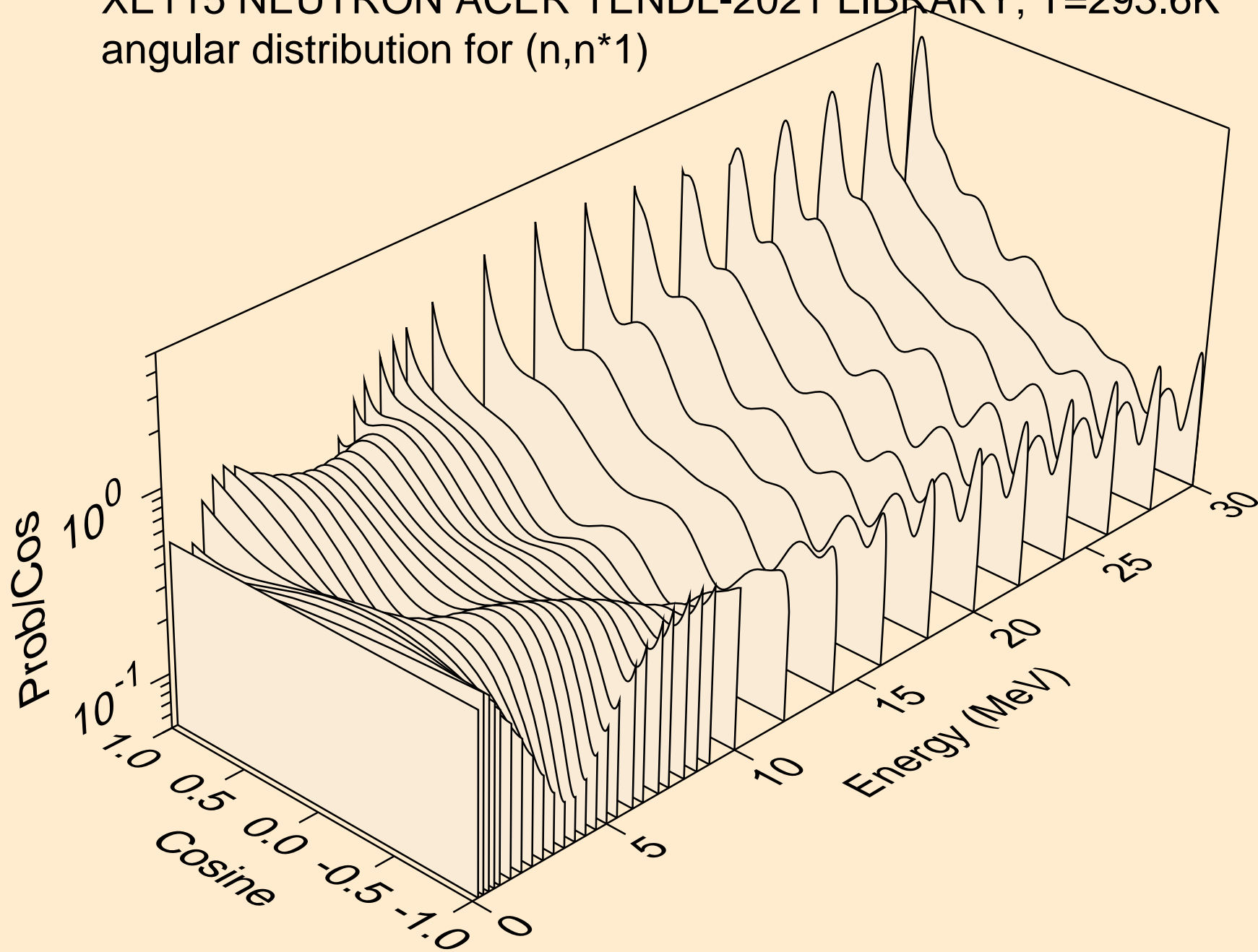
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



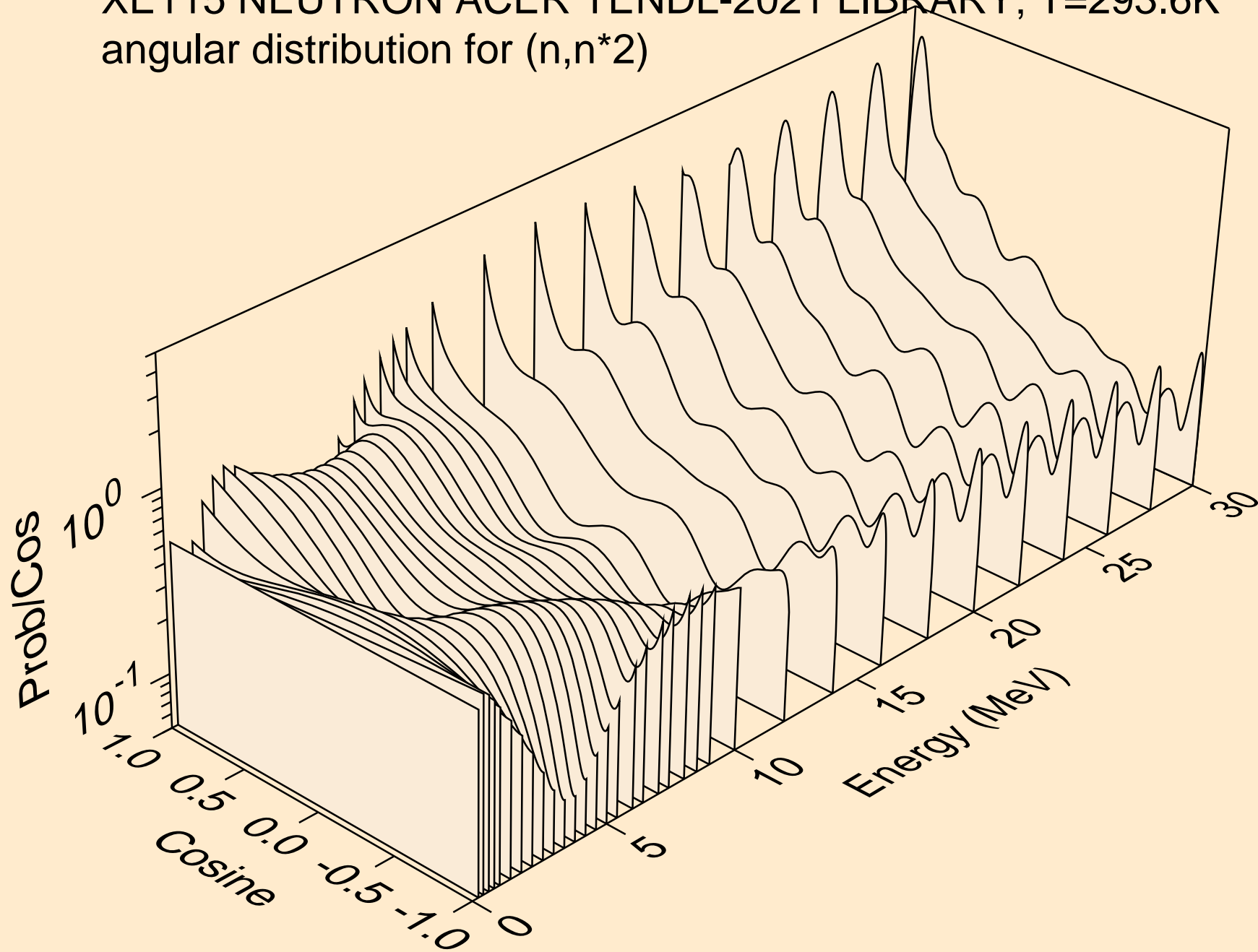
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

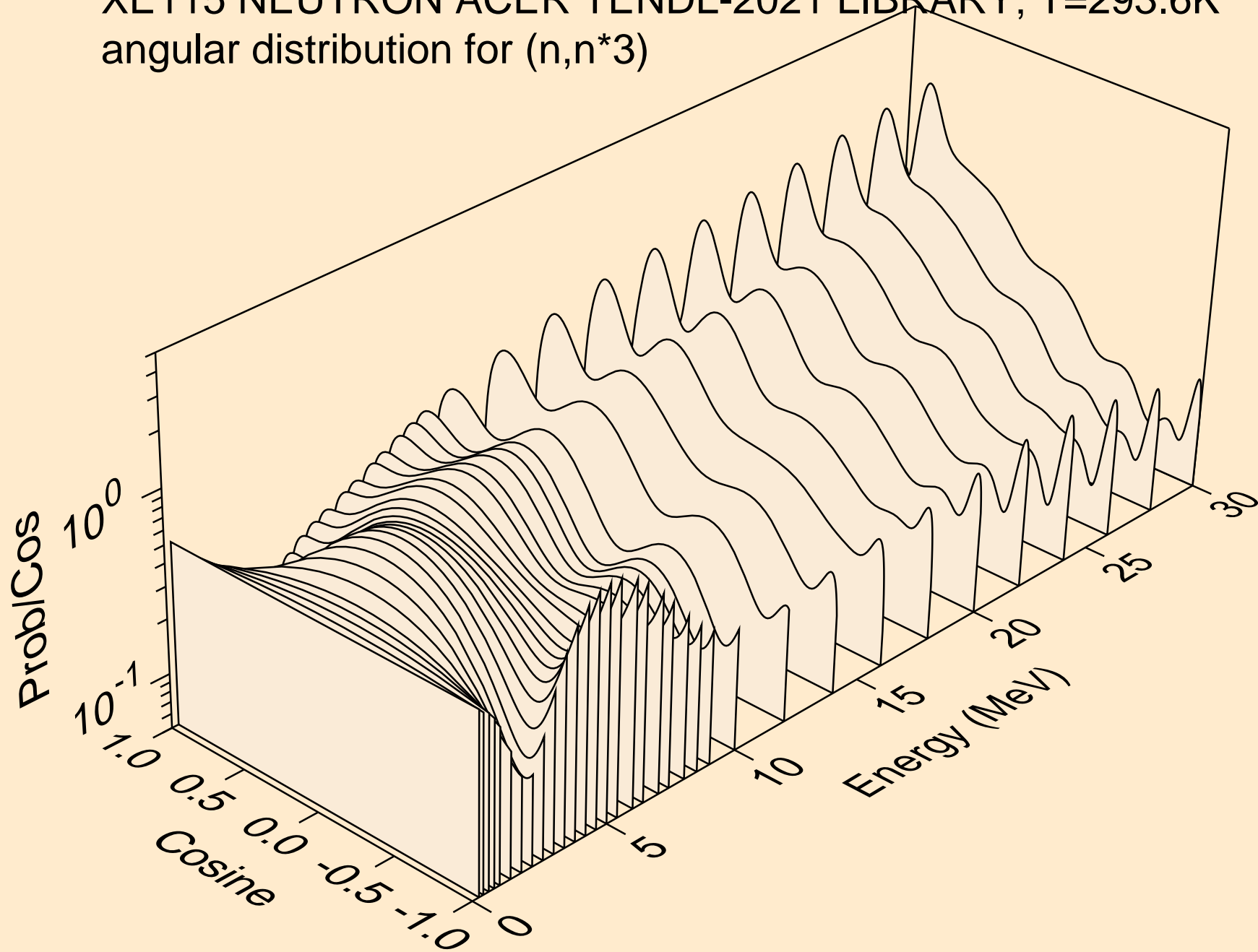


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

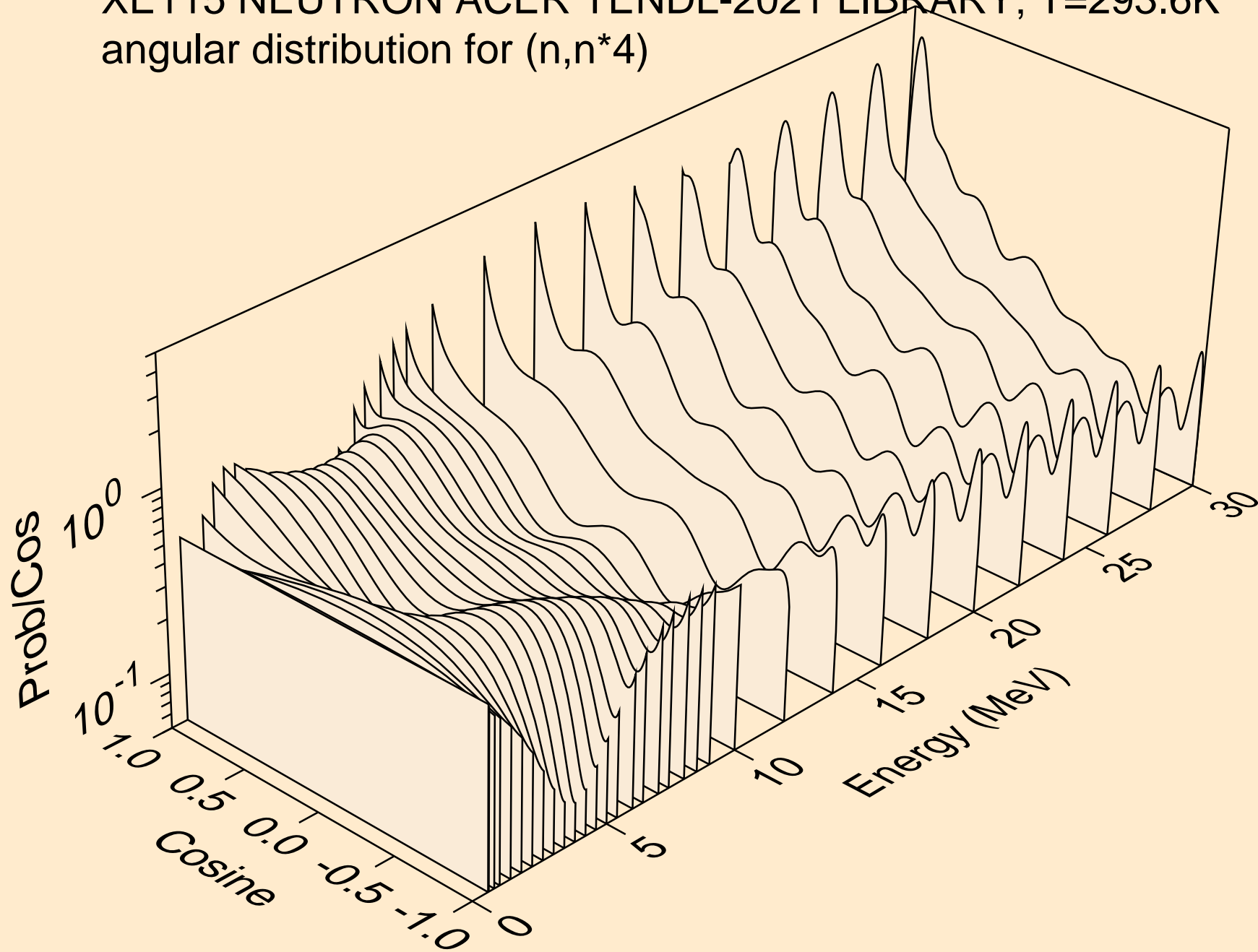




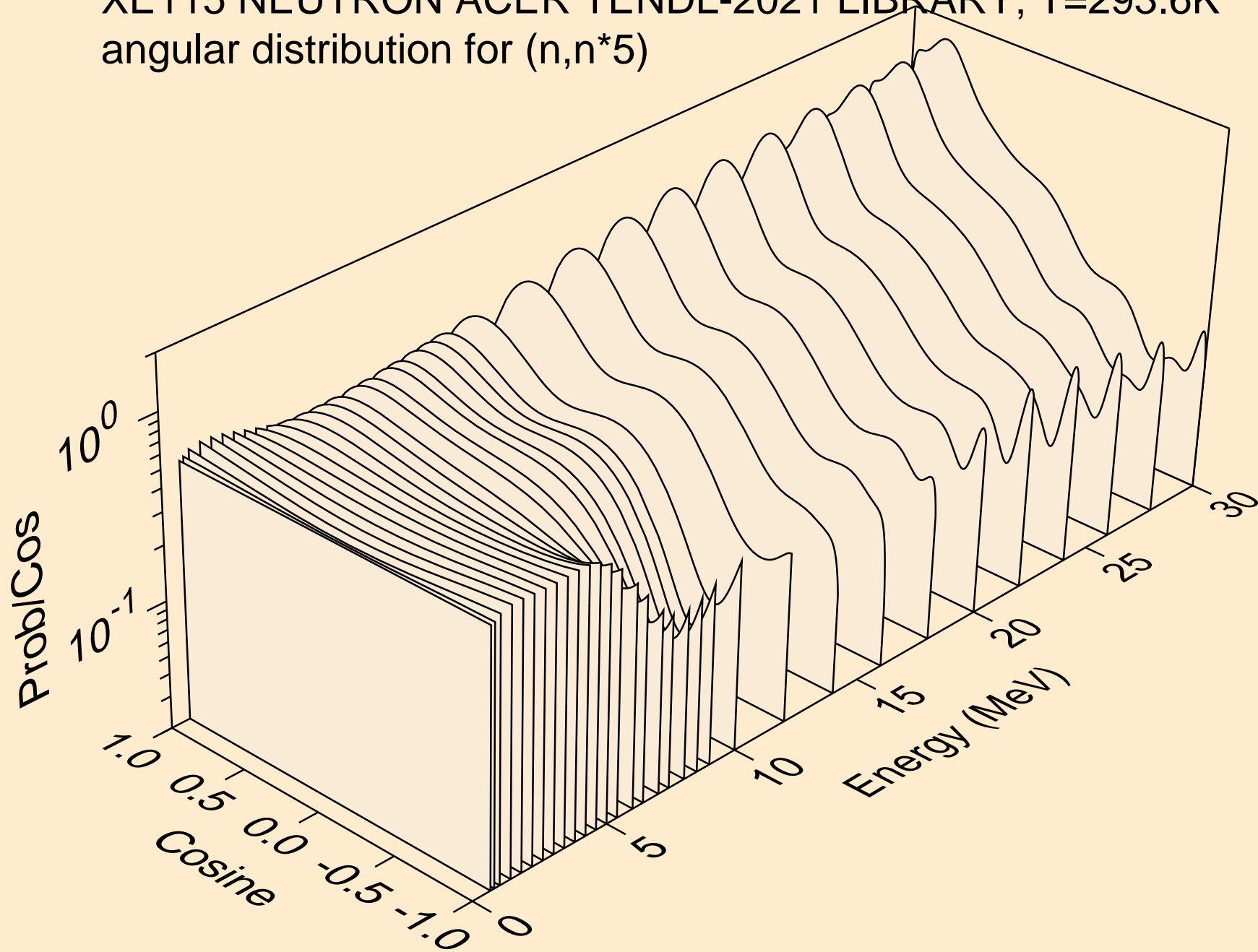
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angular distribution for (n,n\*3)



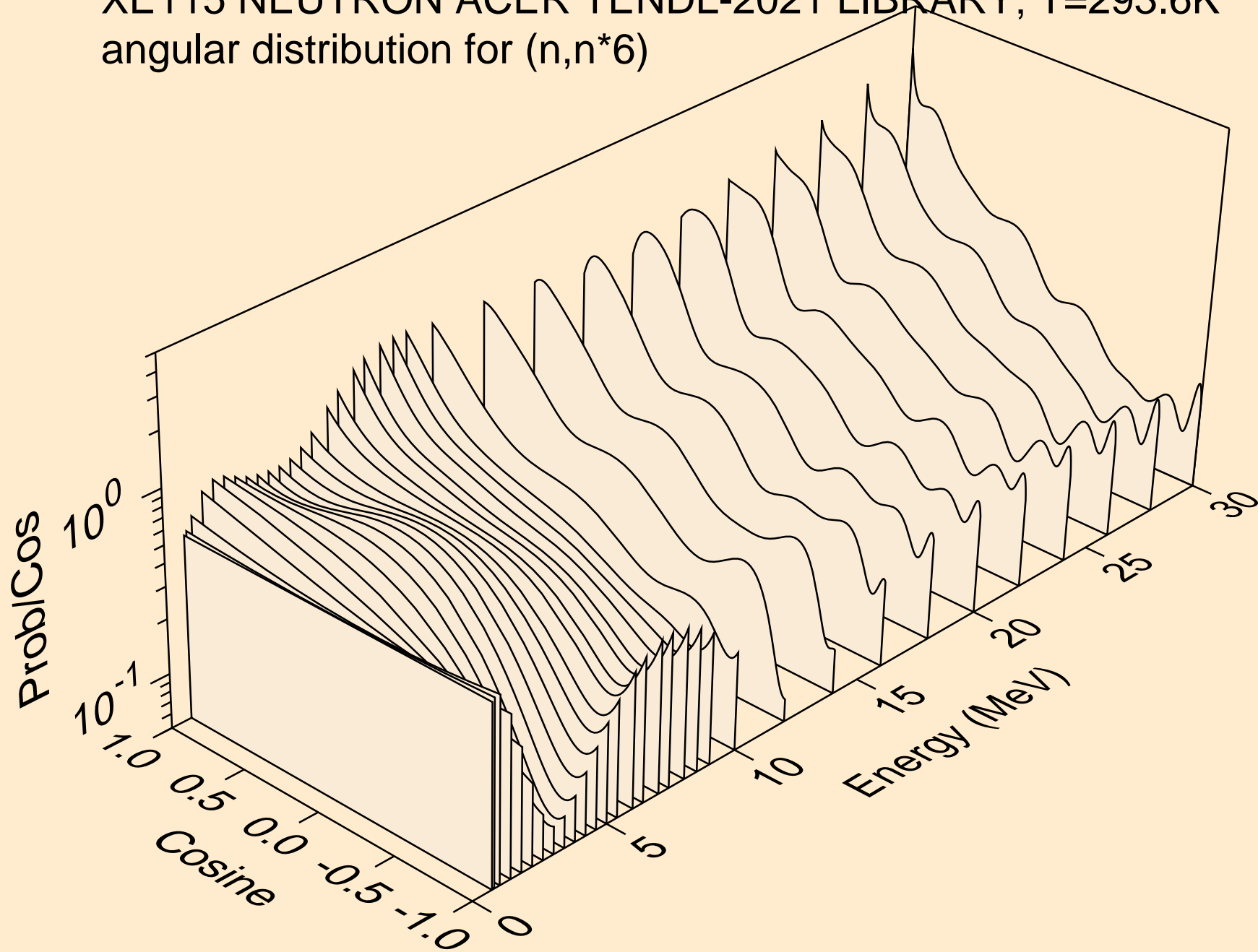
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angular distribution for (n,n\*4)



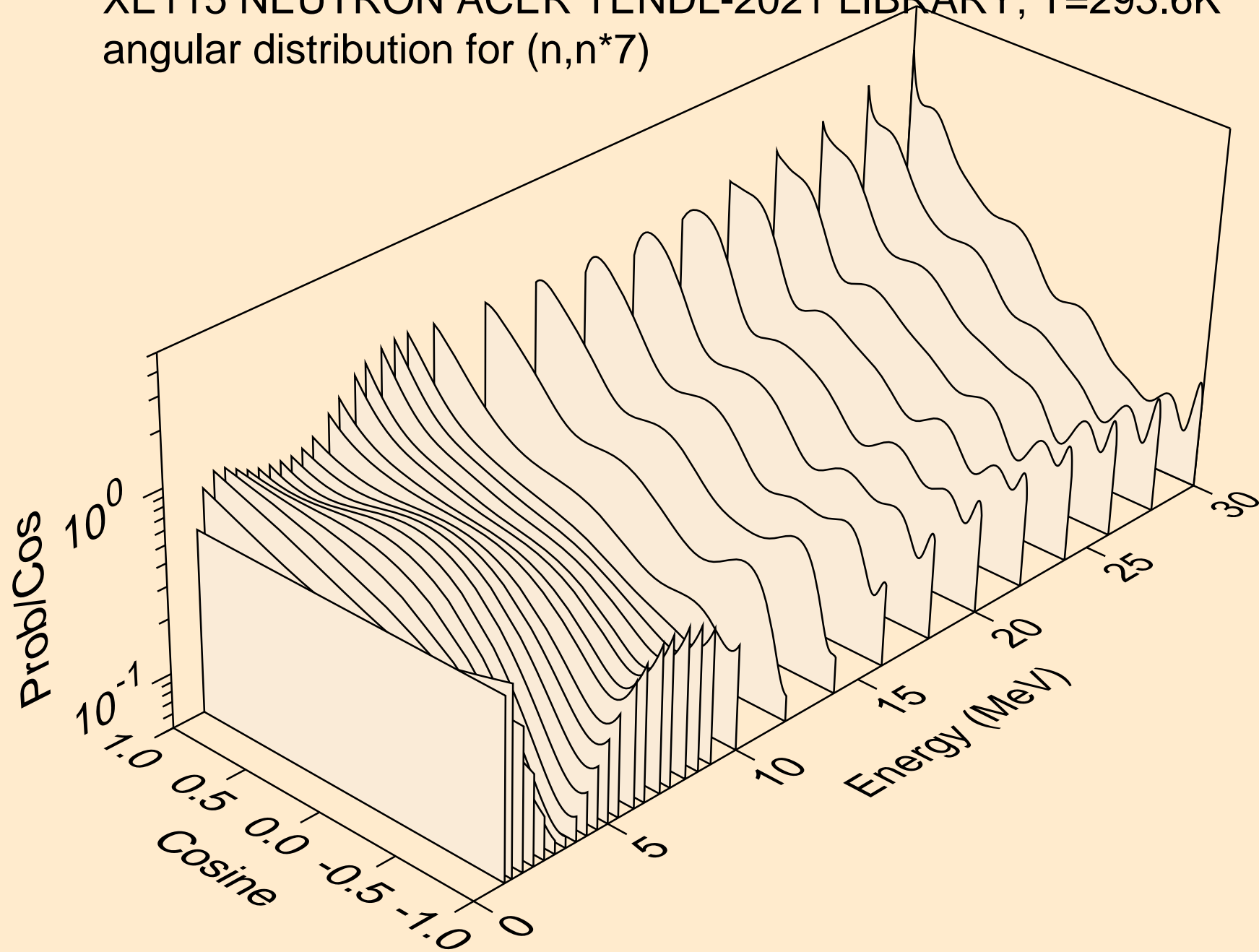
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angular distribution for (n,n\*5)



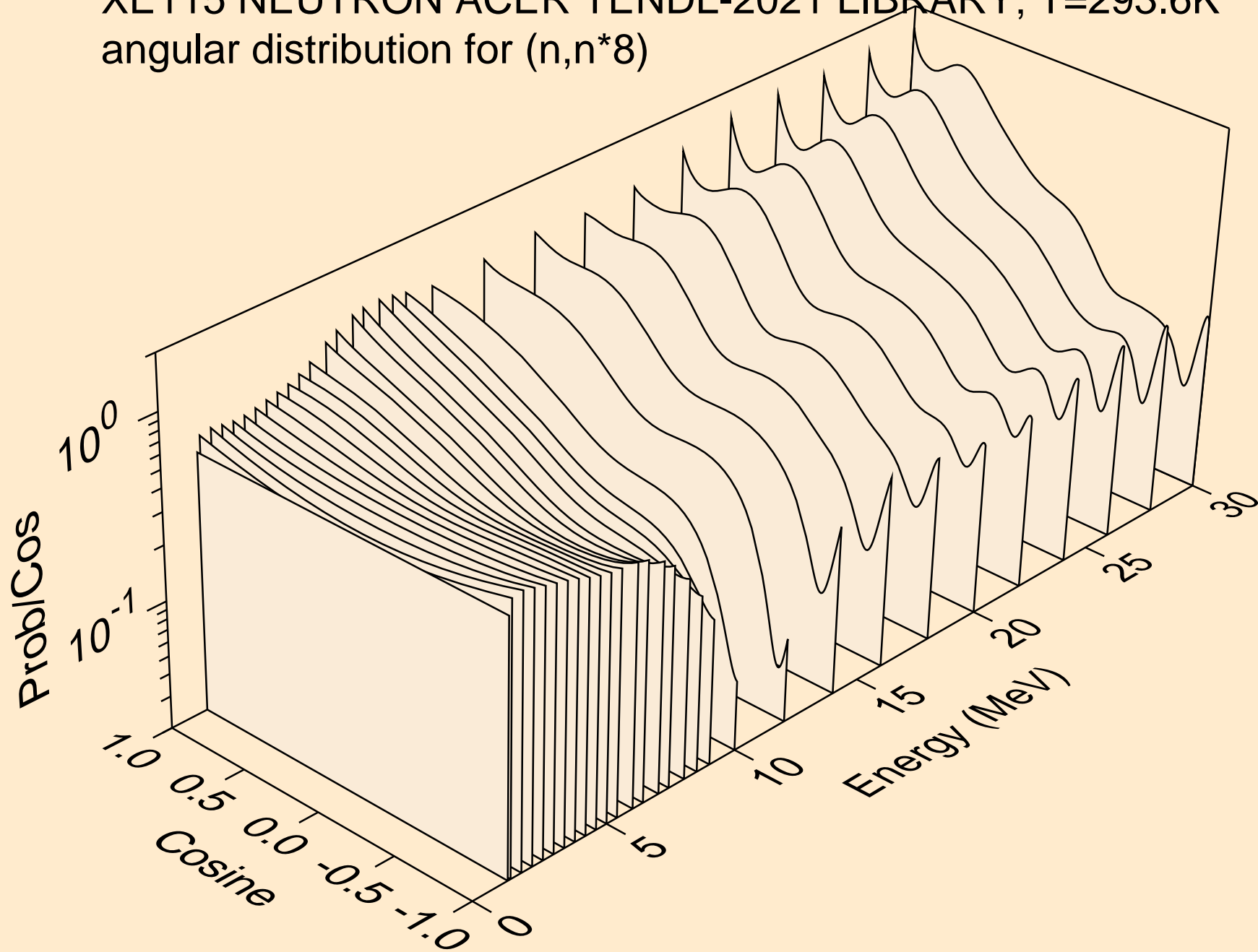
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angular distribution for (n,n\*6)



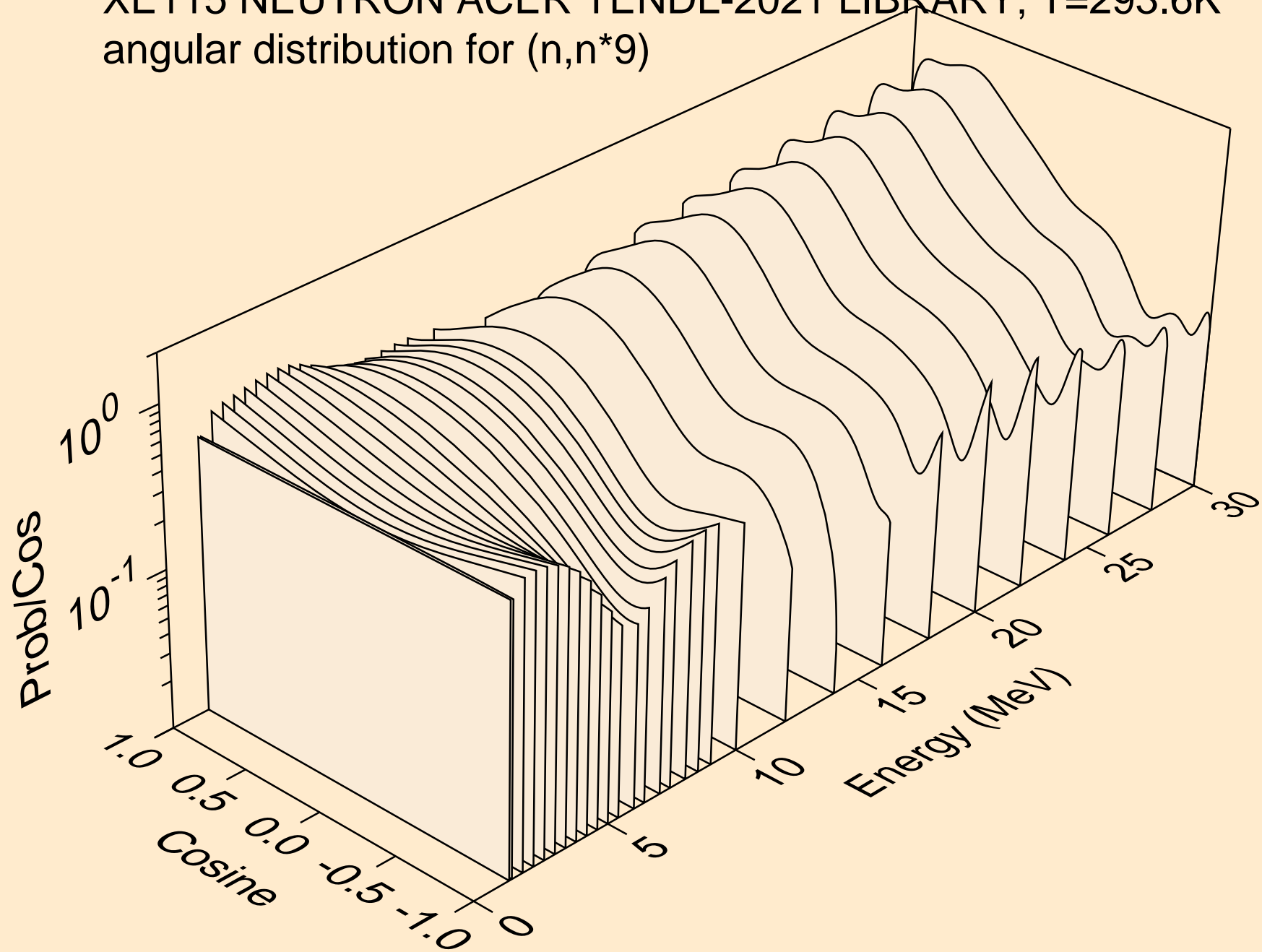
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angular distribution for (n,n\*7)



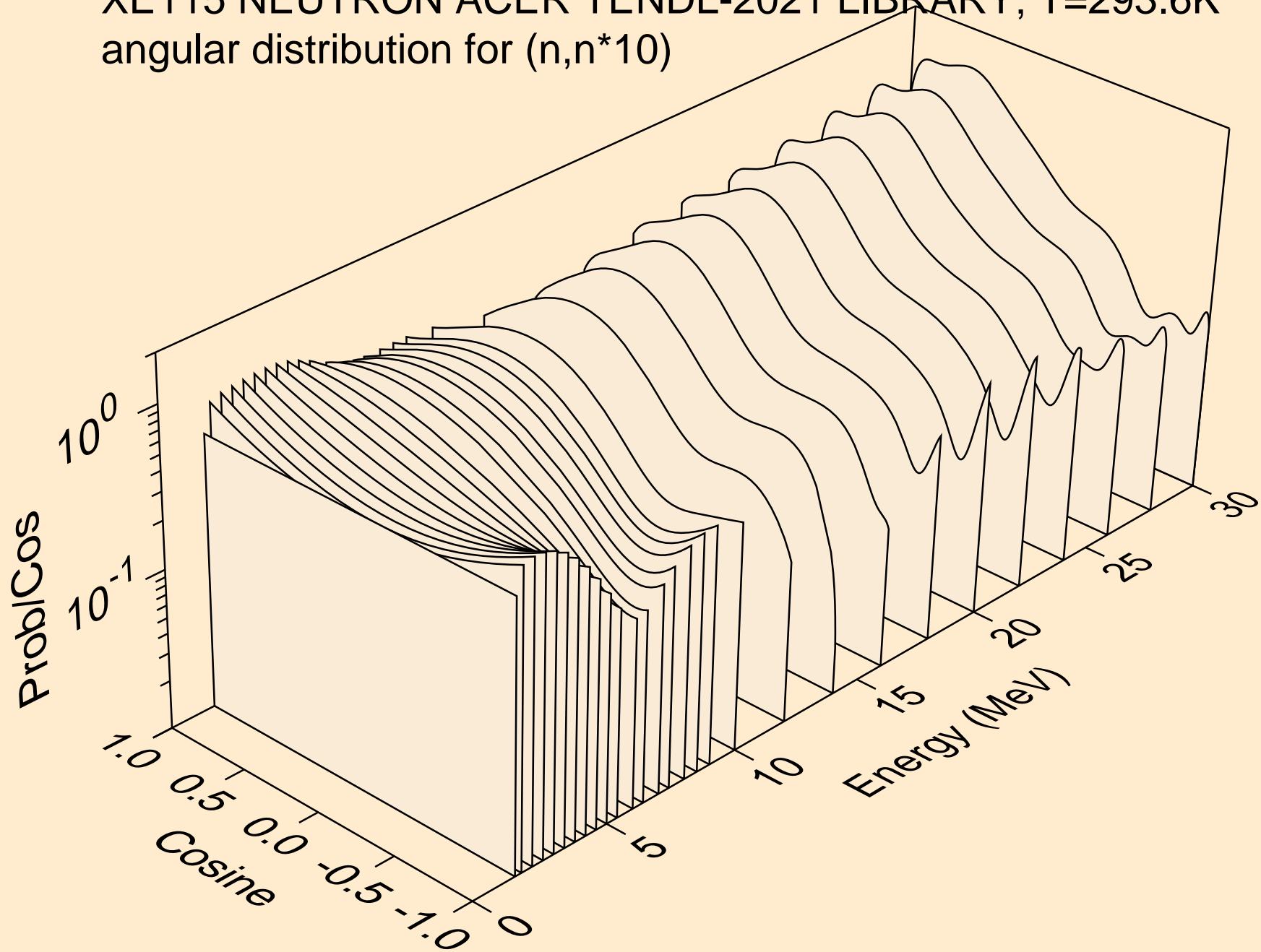
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

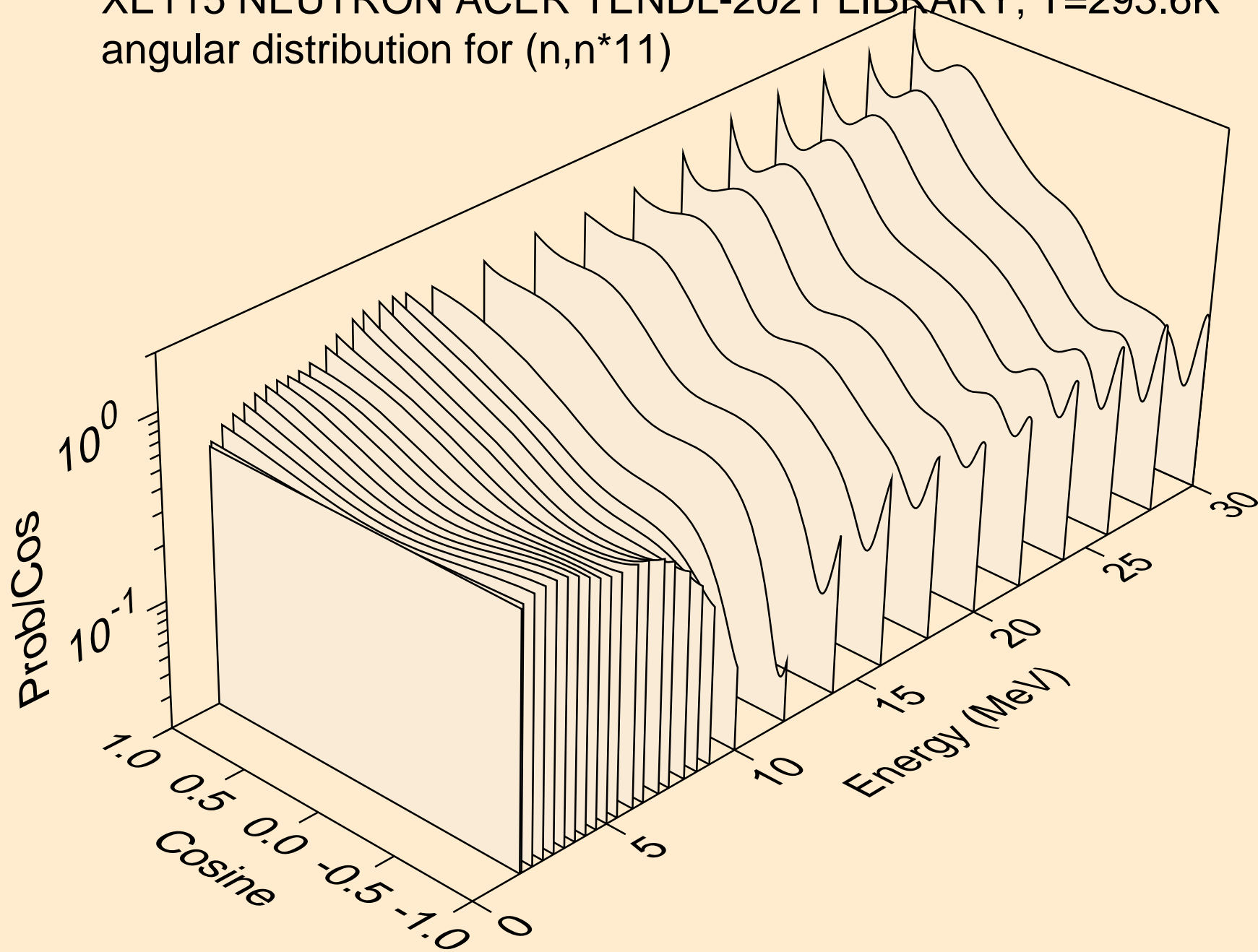


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

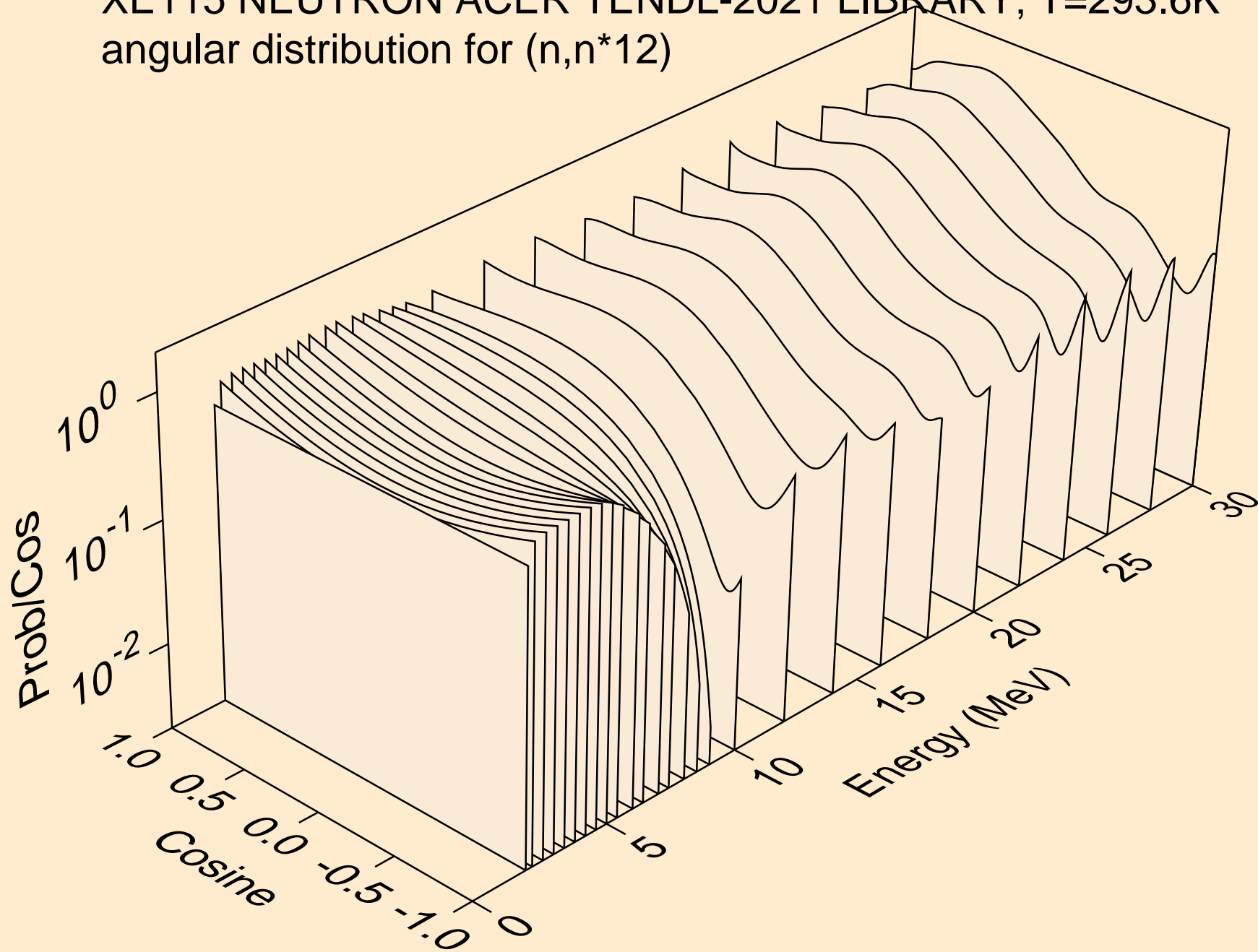




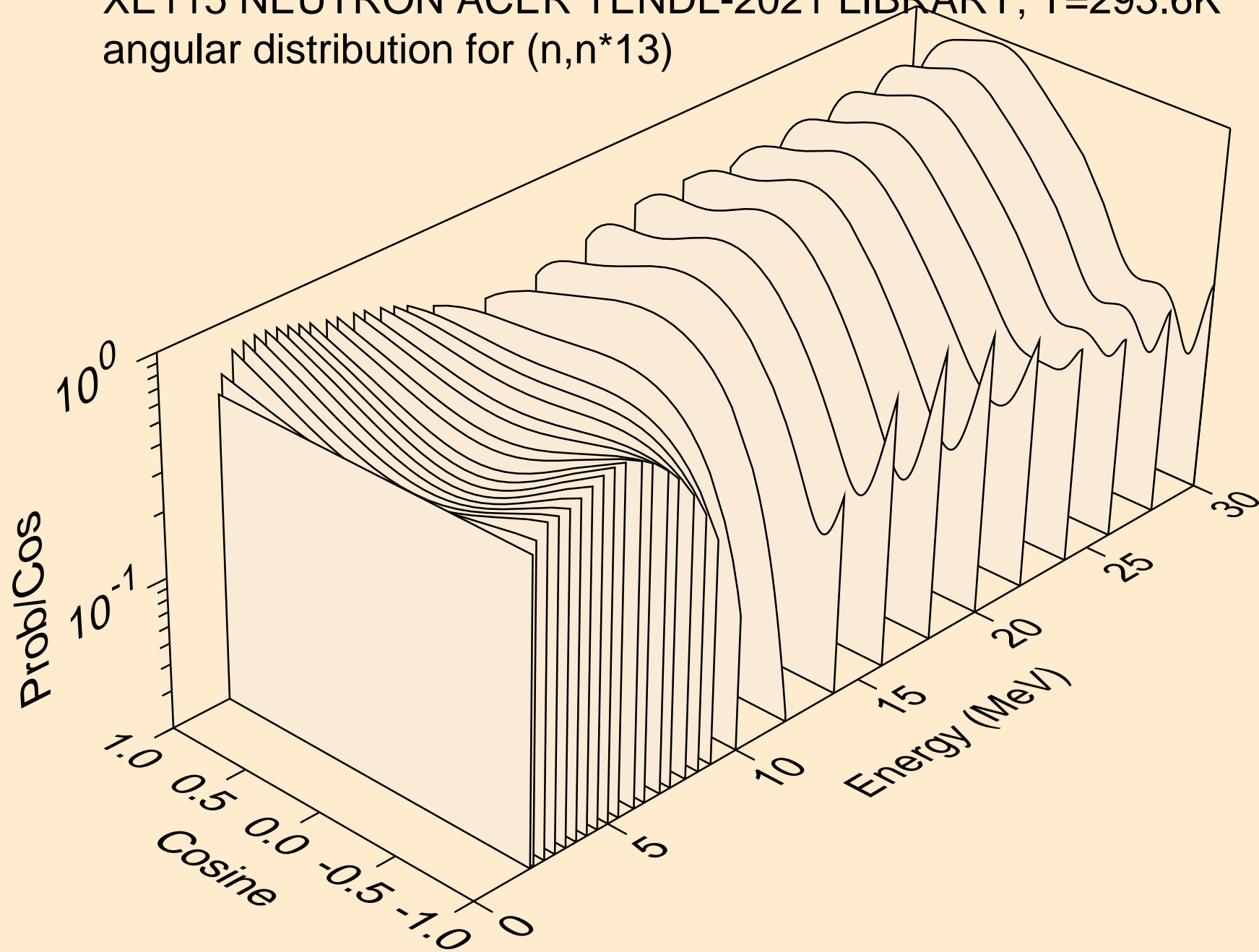
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angular distribution for (n,n\*11)



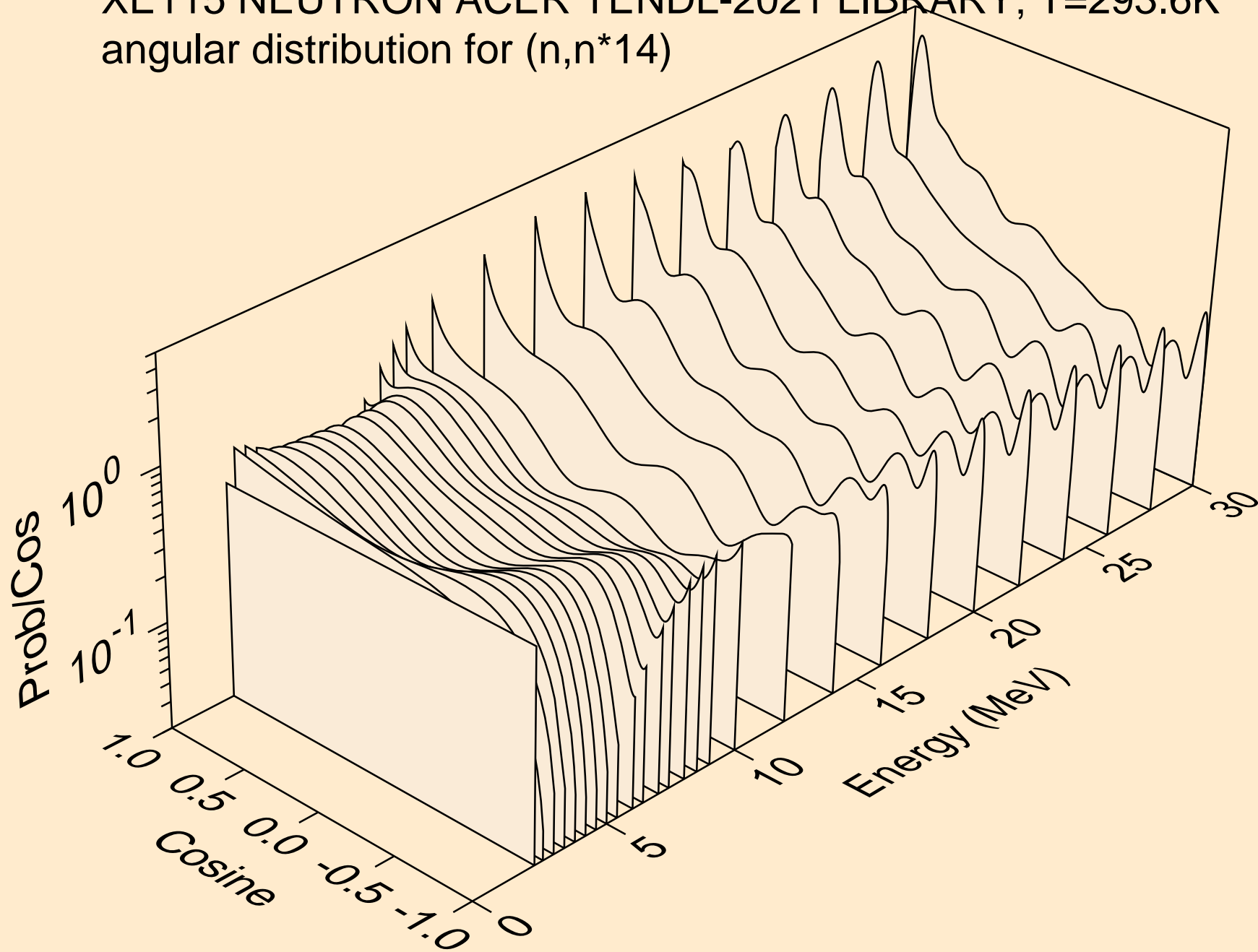
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angular distribution for (n,n\*12)



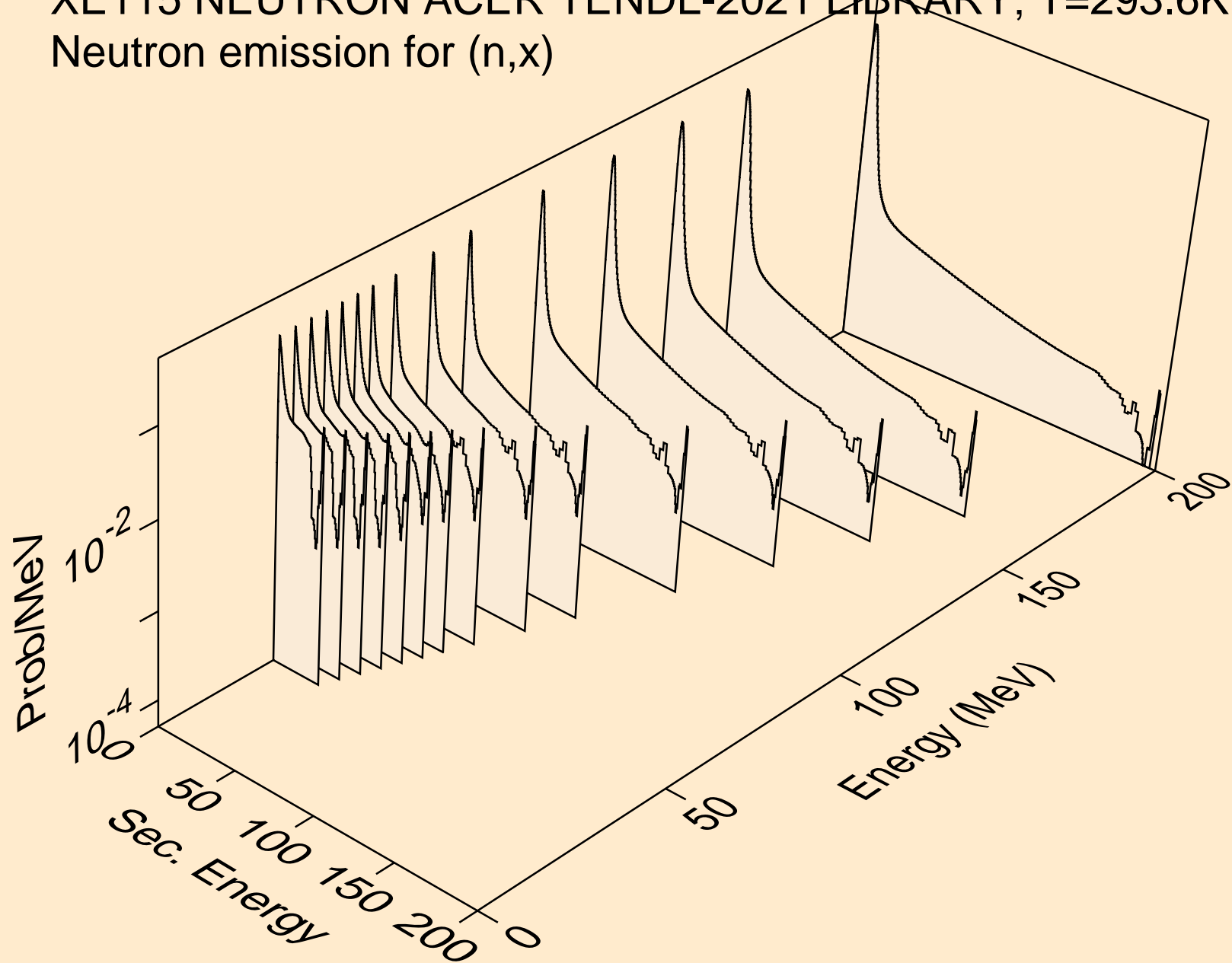
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angular distribution for (n,n\*13)



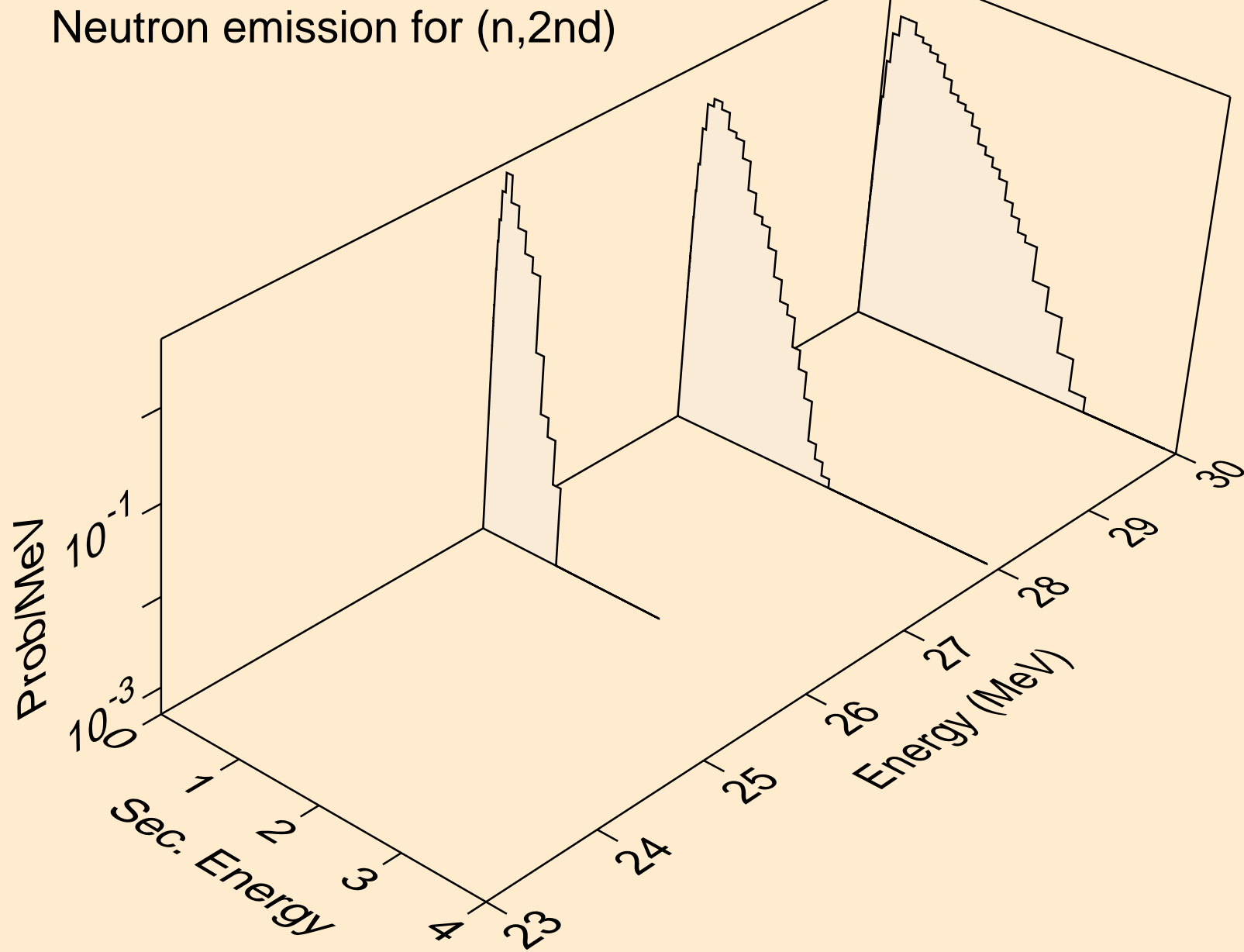
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angular distribution for (n,n\*14)



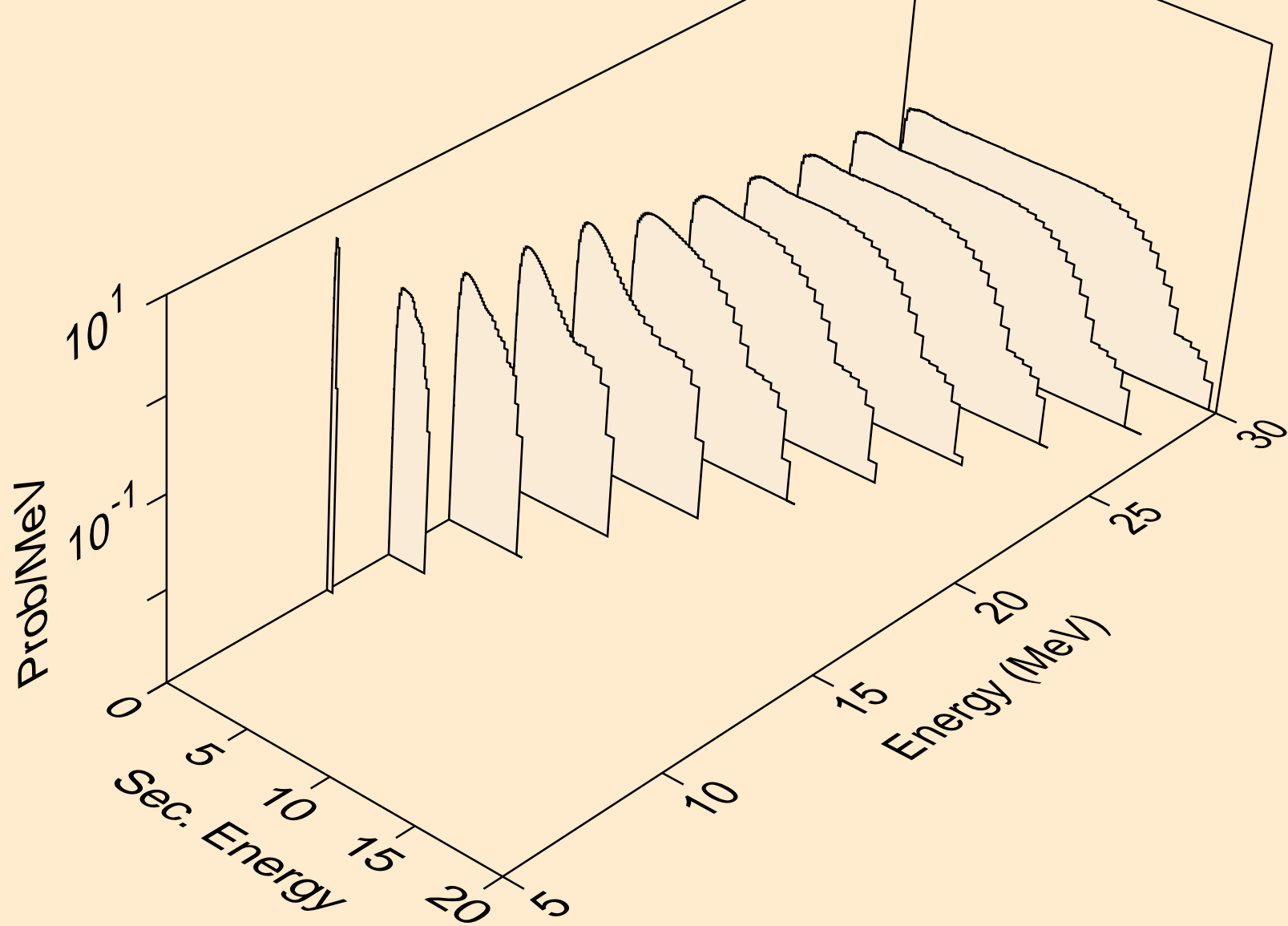
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



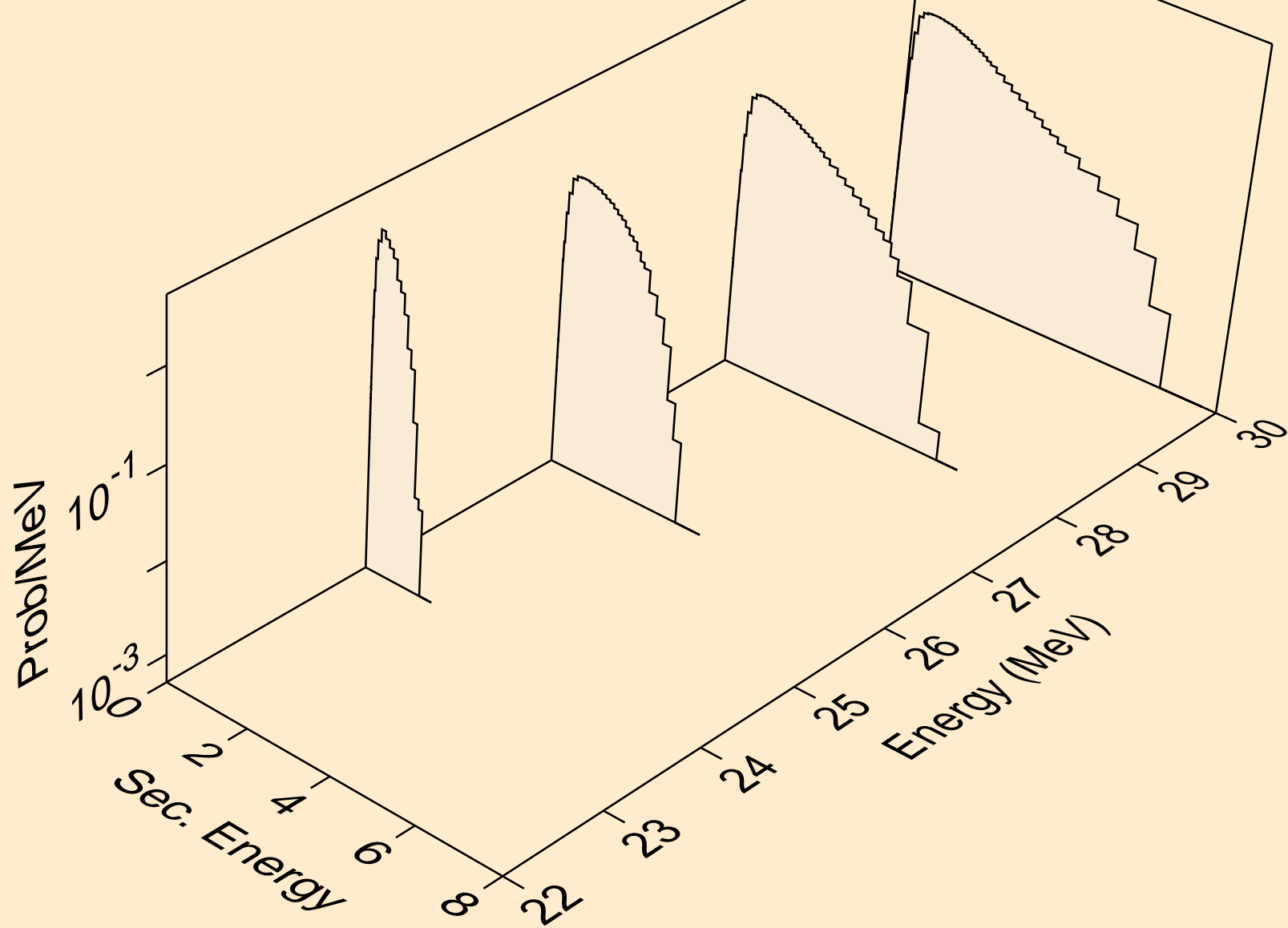
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

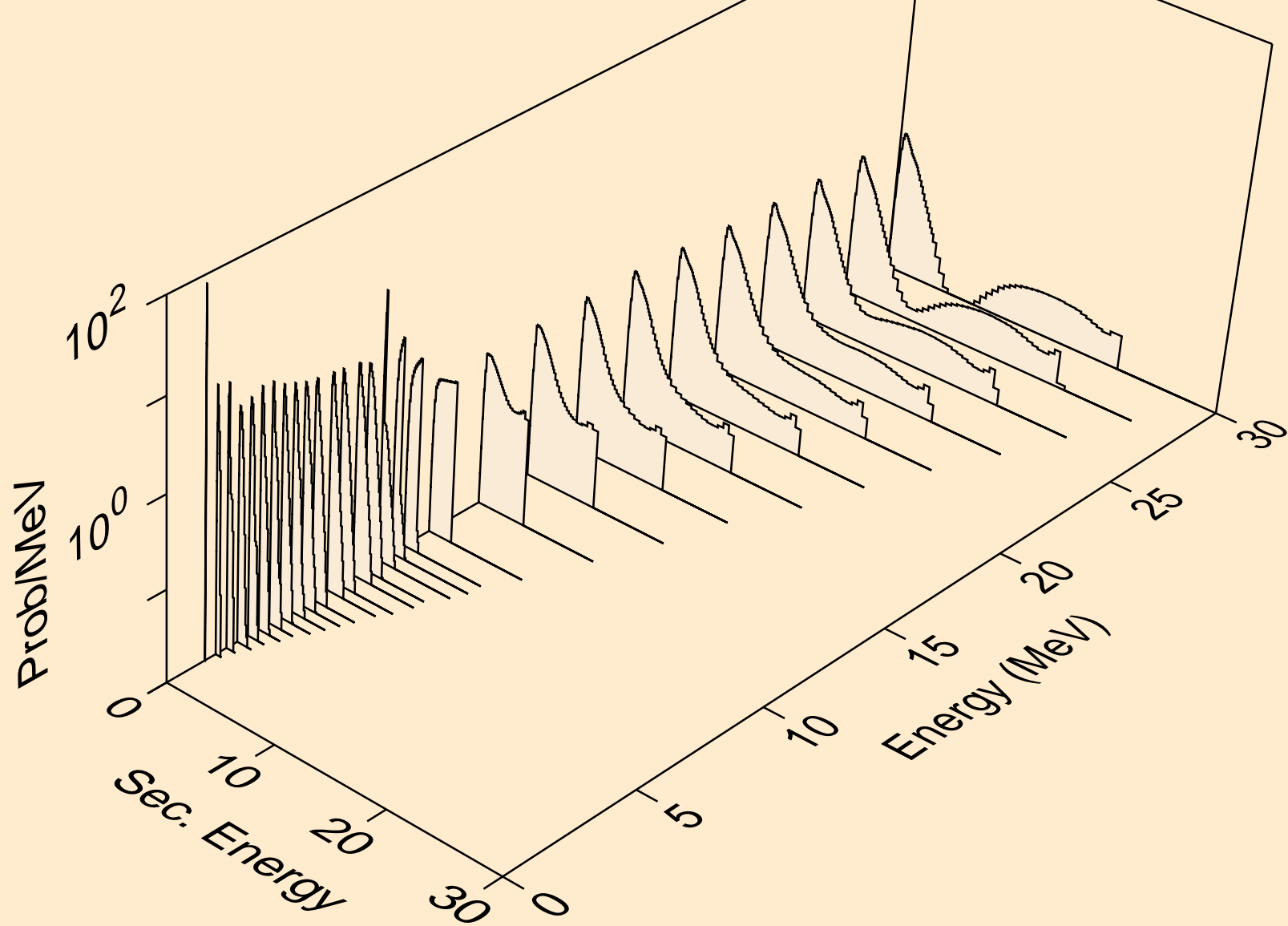


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Neutron emission for (n,3n)

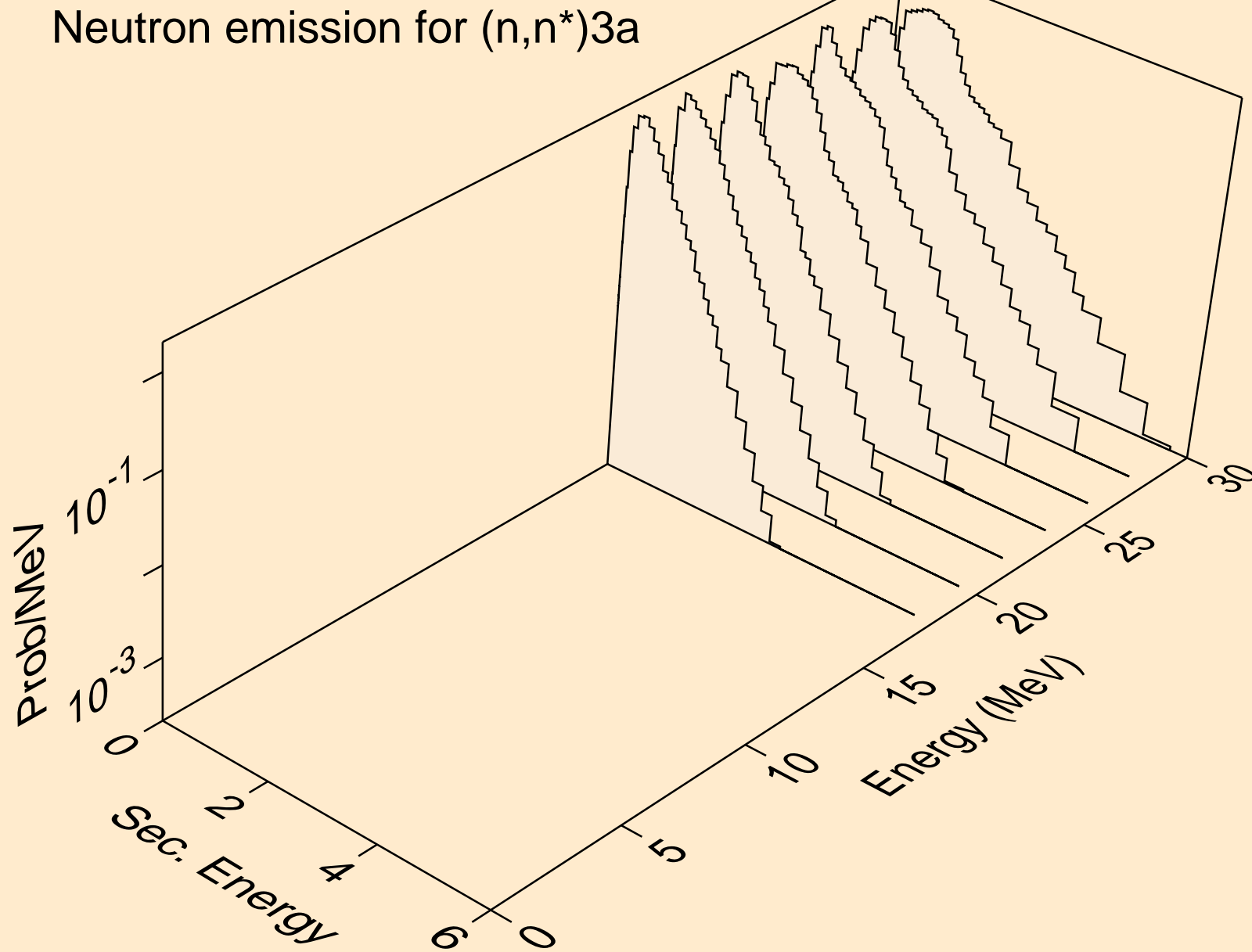




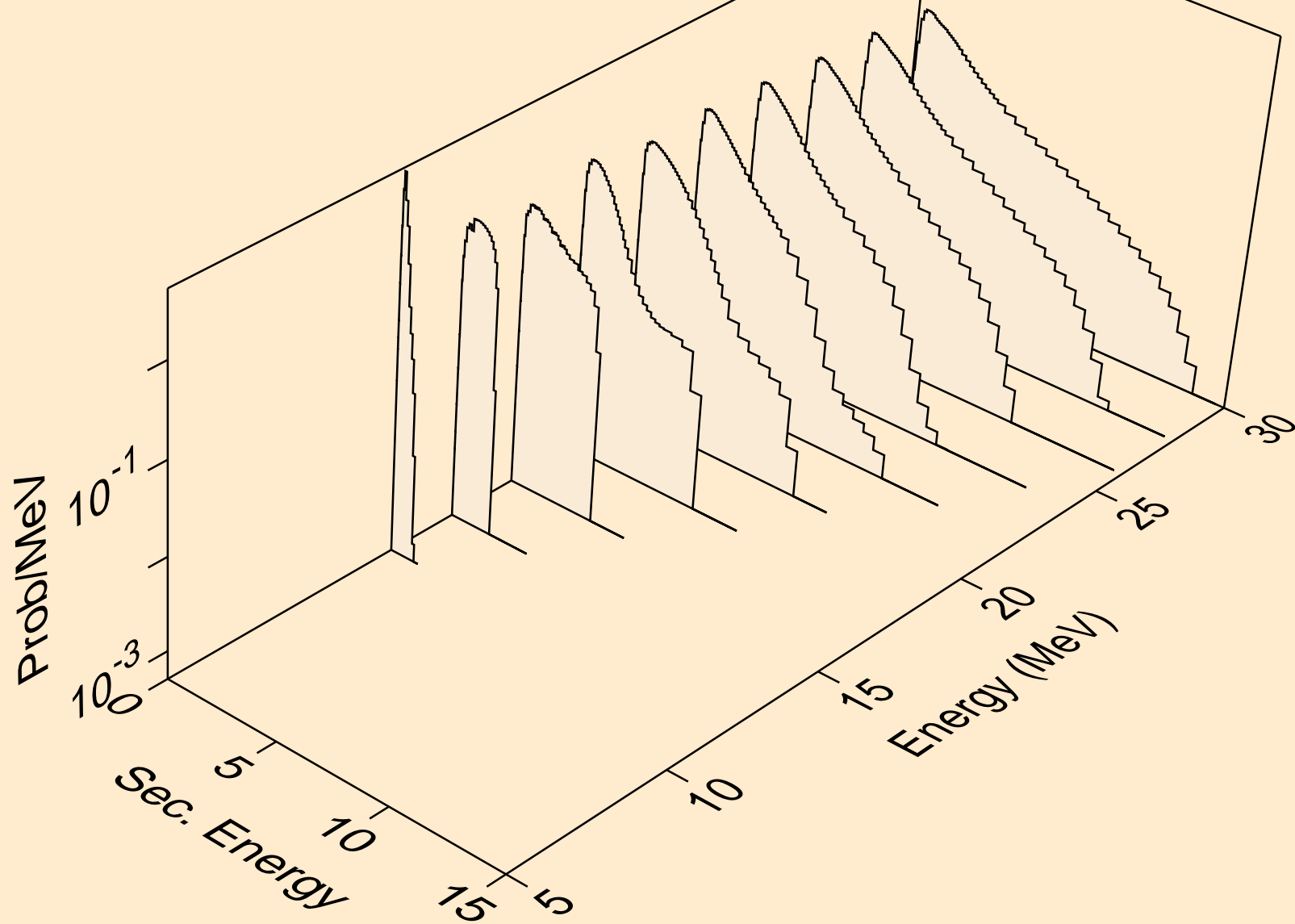
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



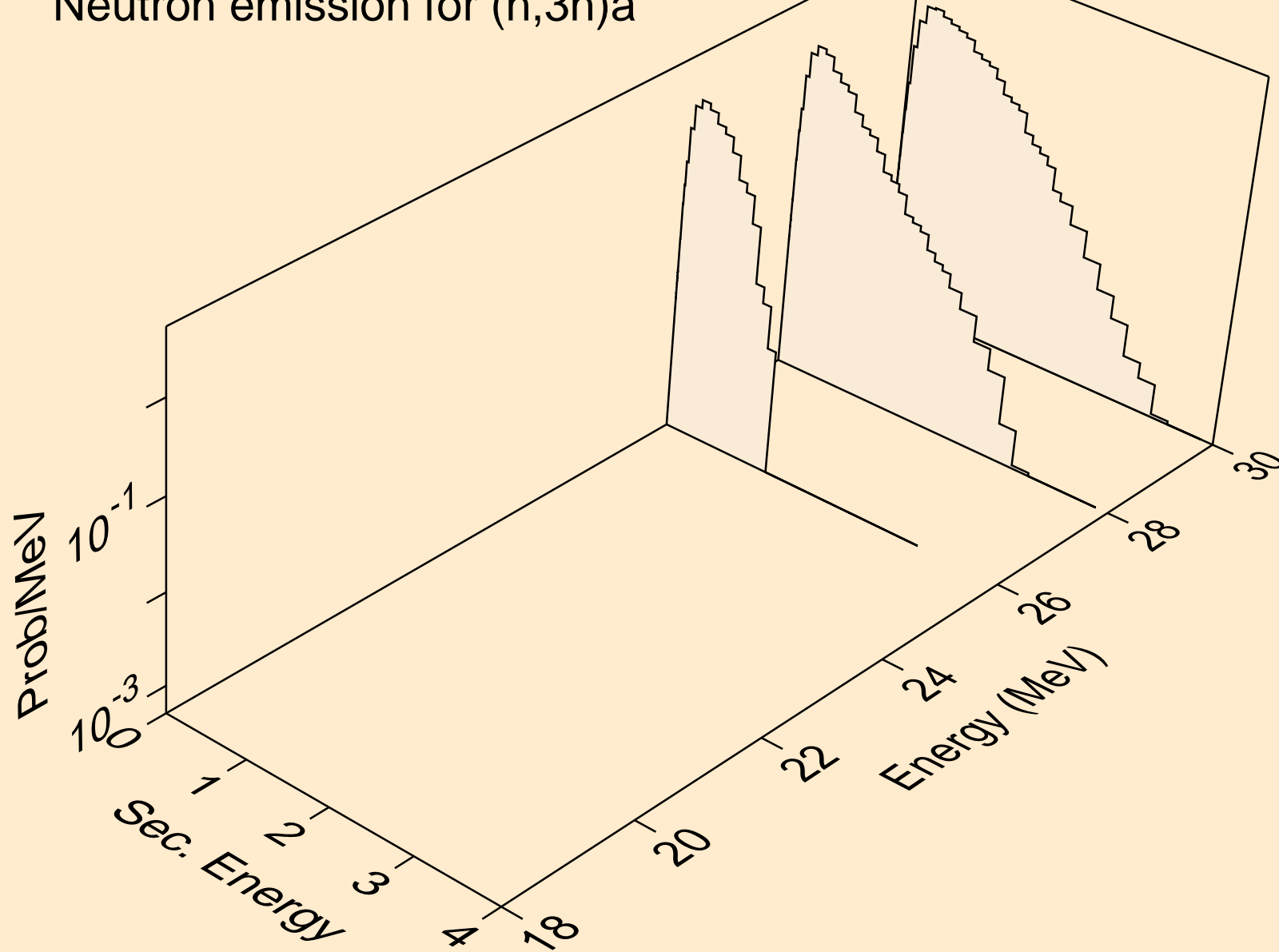
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Neutron emission for (n,n\*)3a



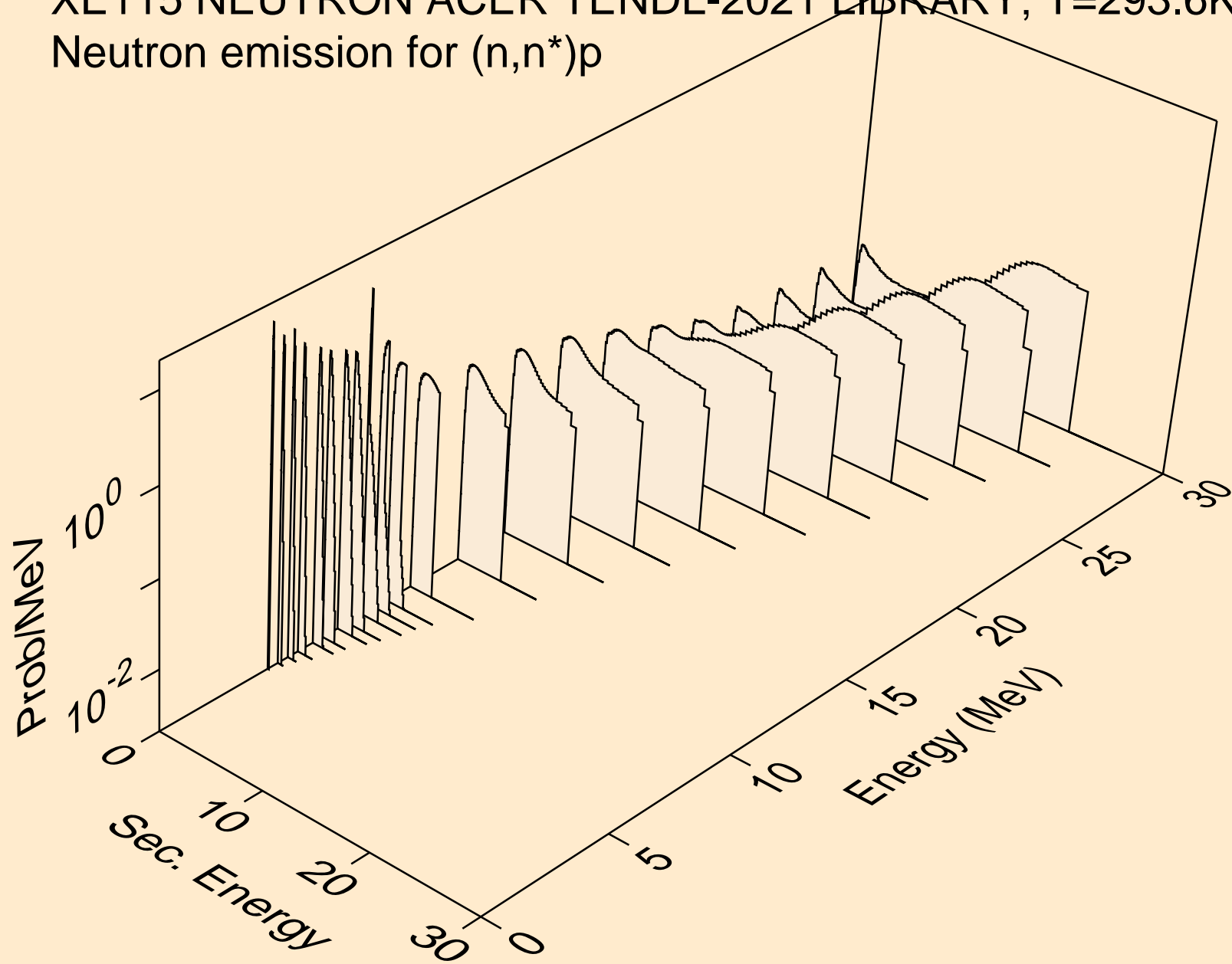
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



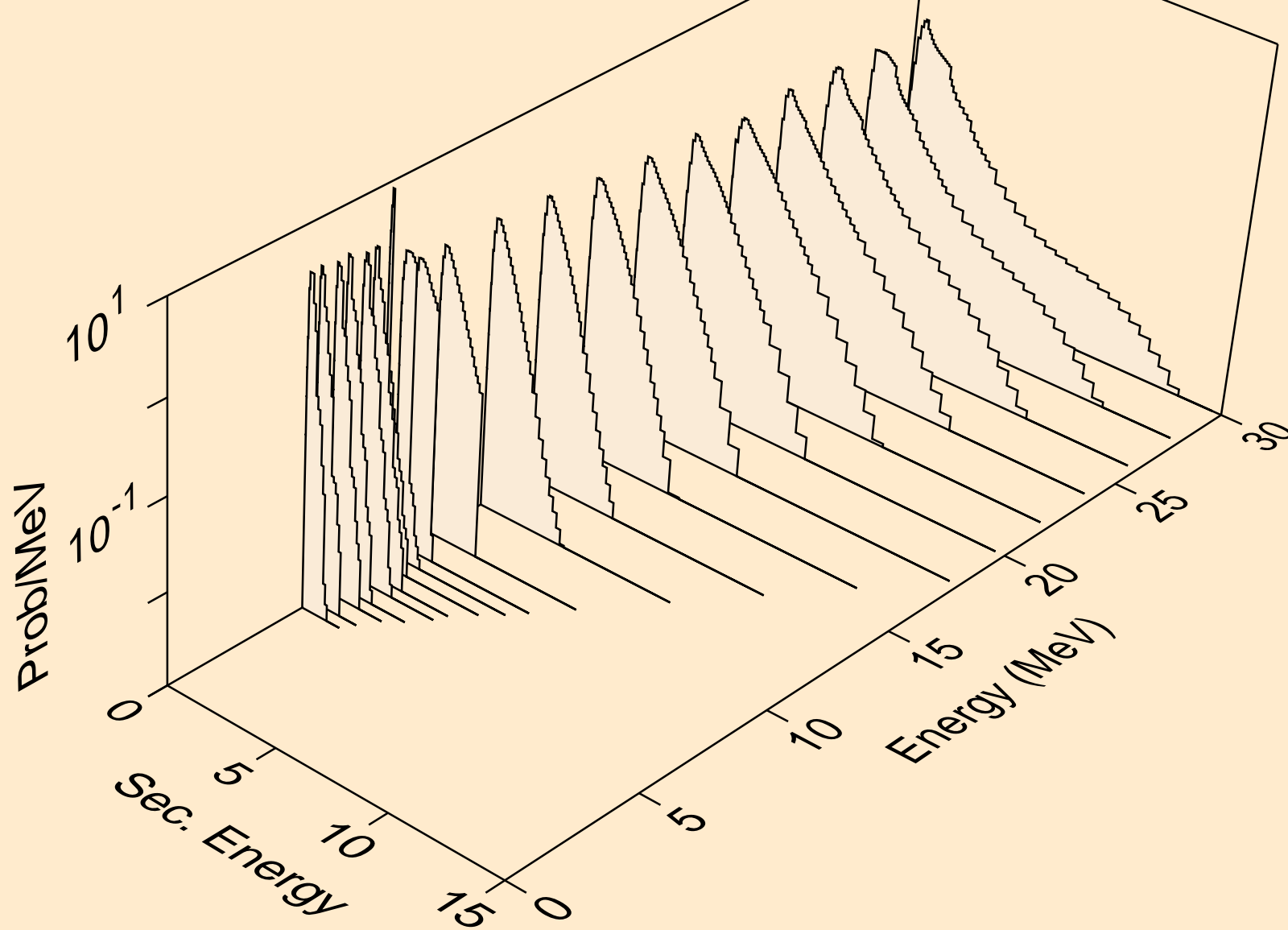
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



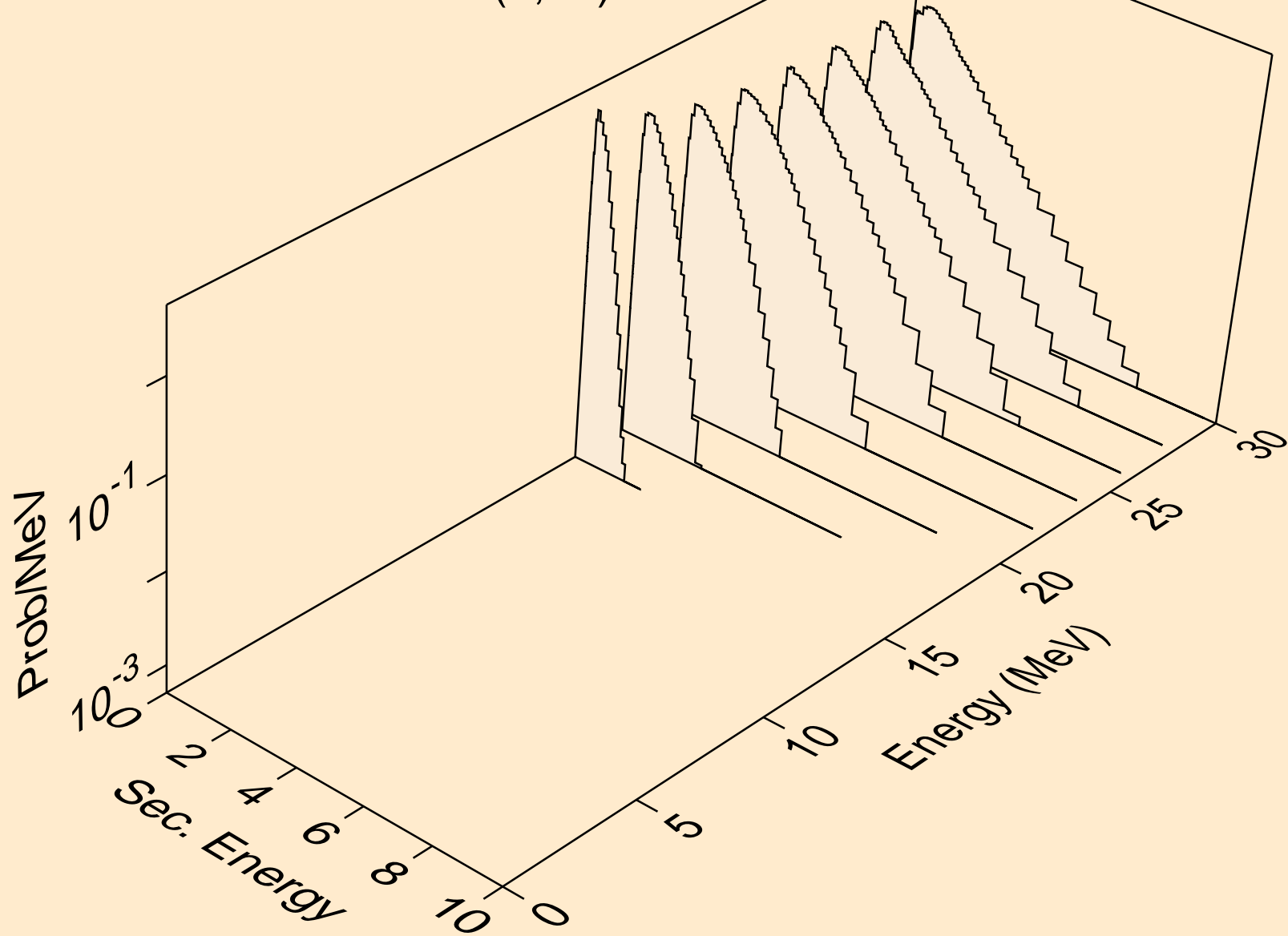
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Neutron emission for (n,n\*)p



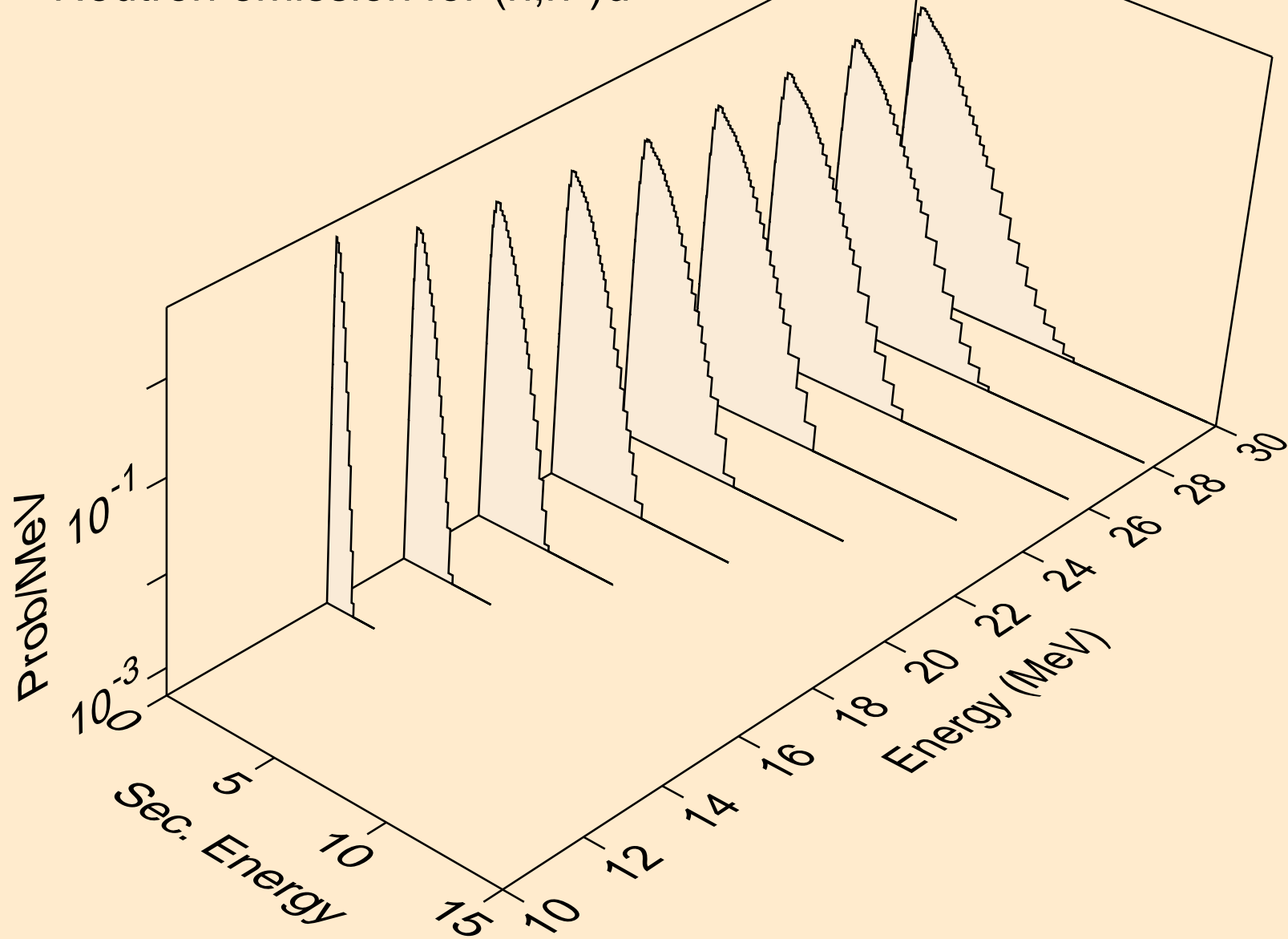
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

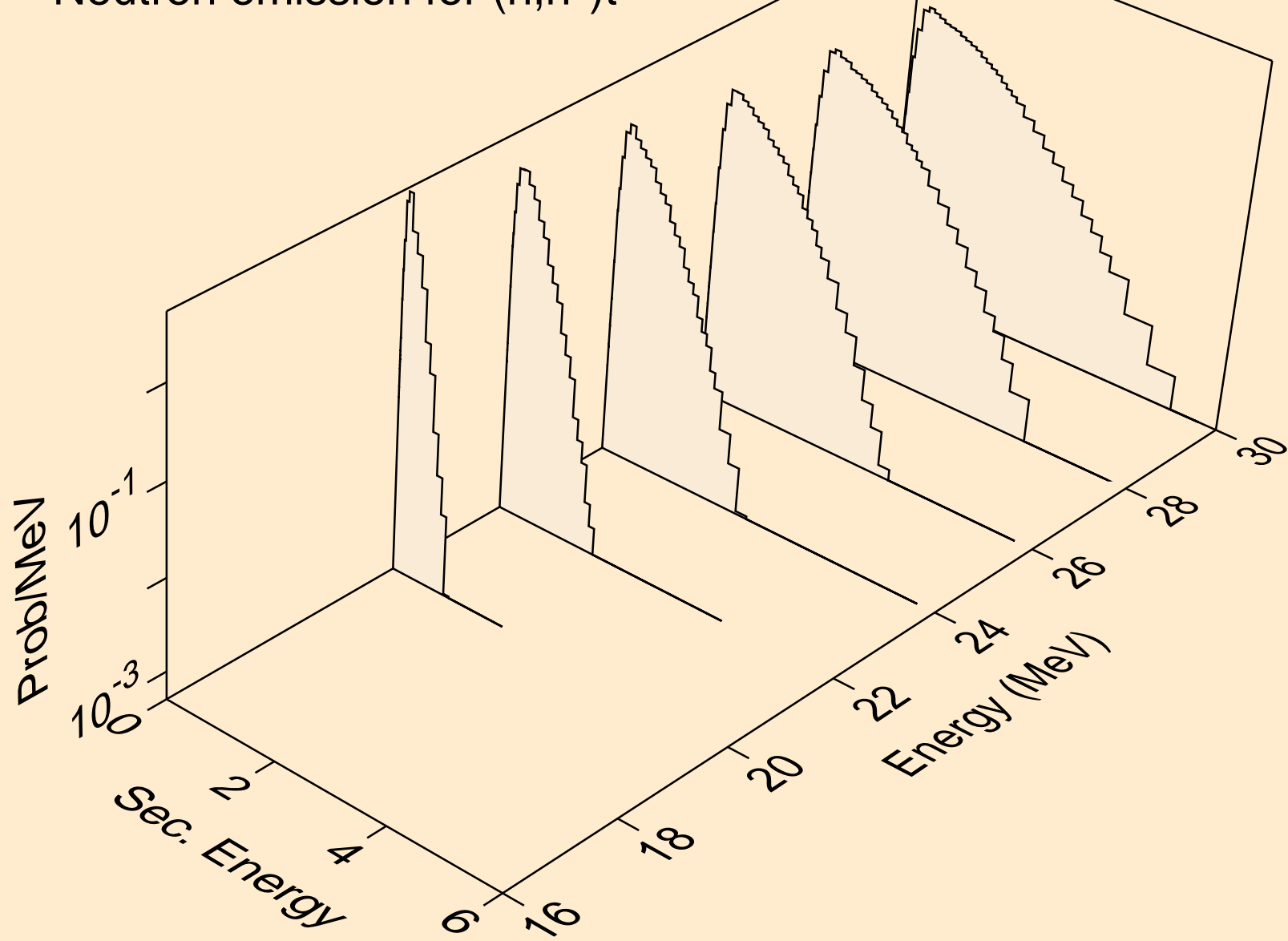


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

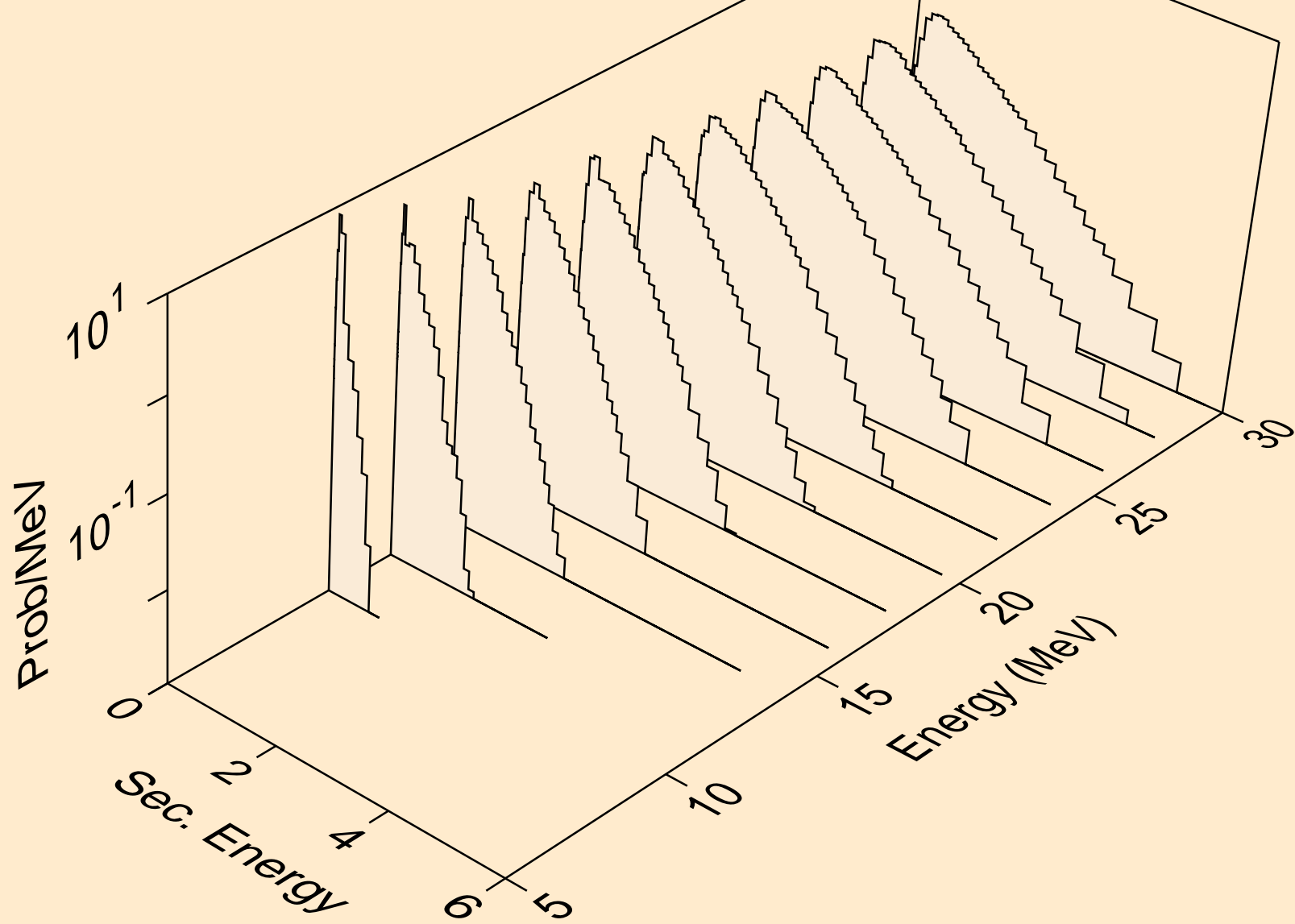




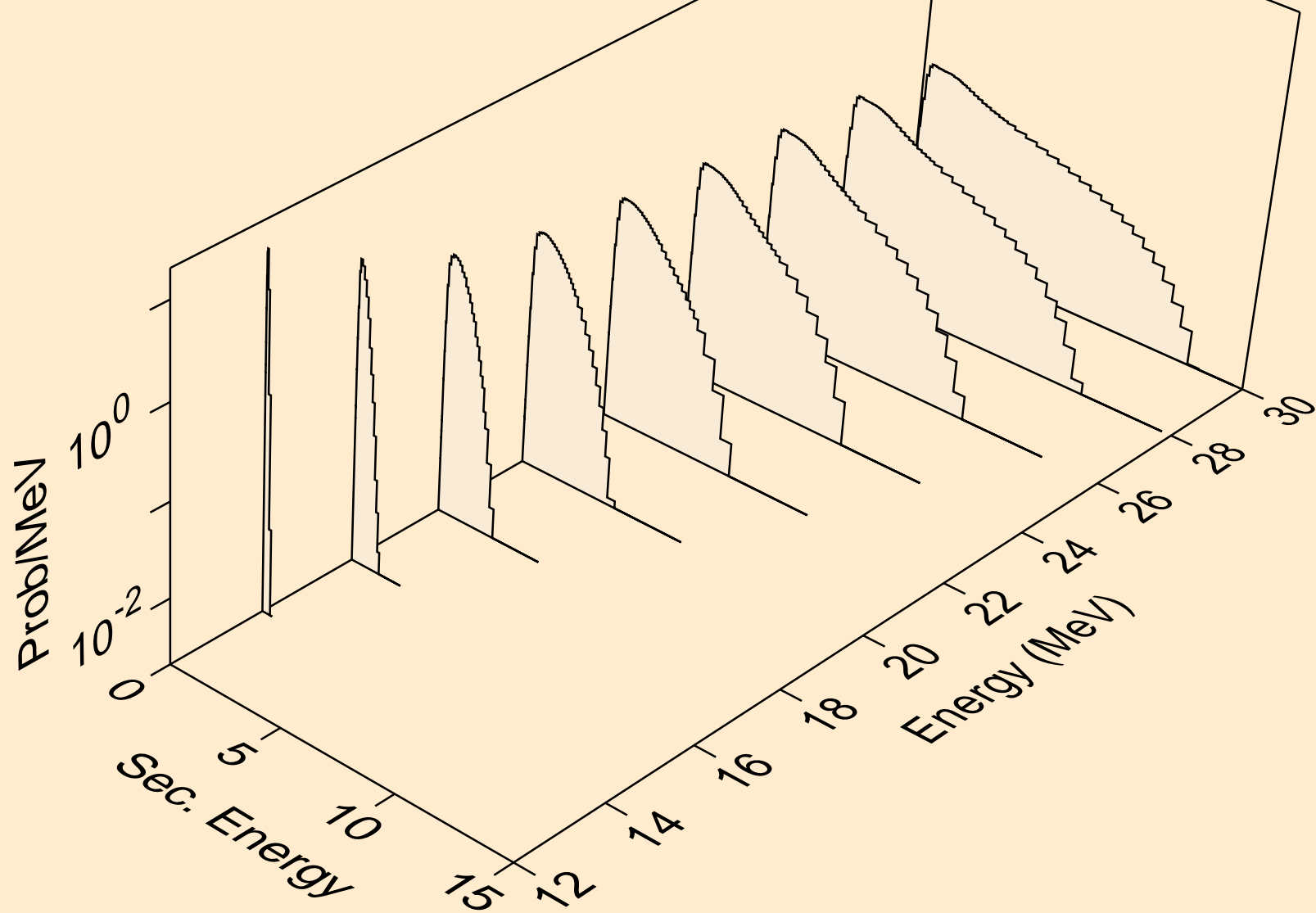
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Neutron emission for (n,n\*)t



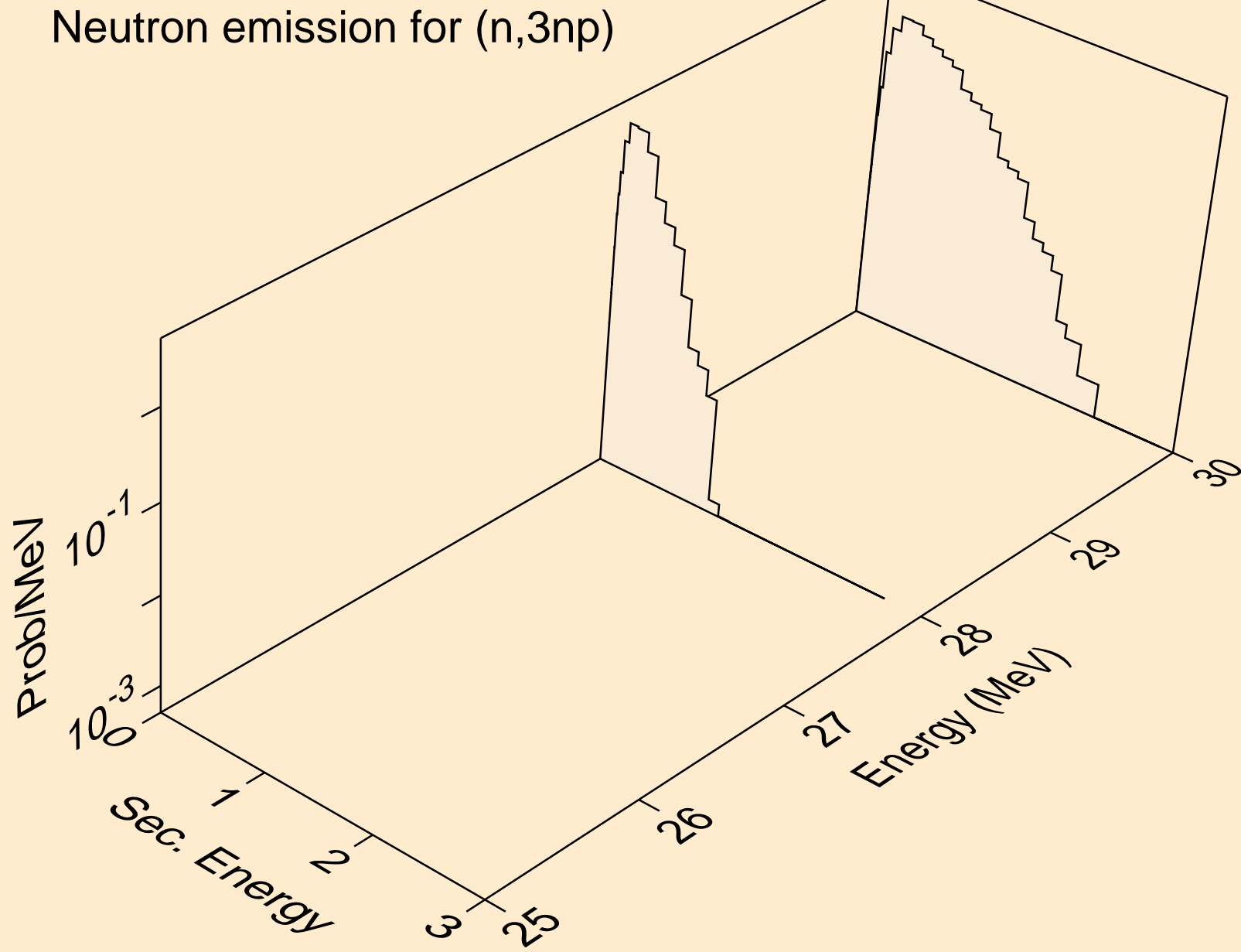
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



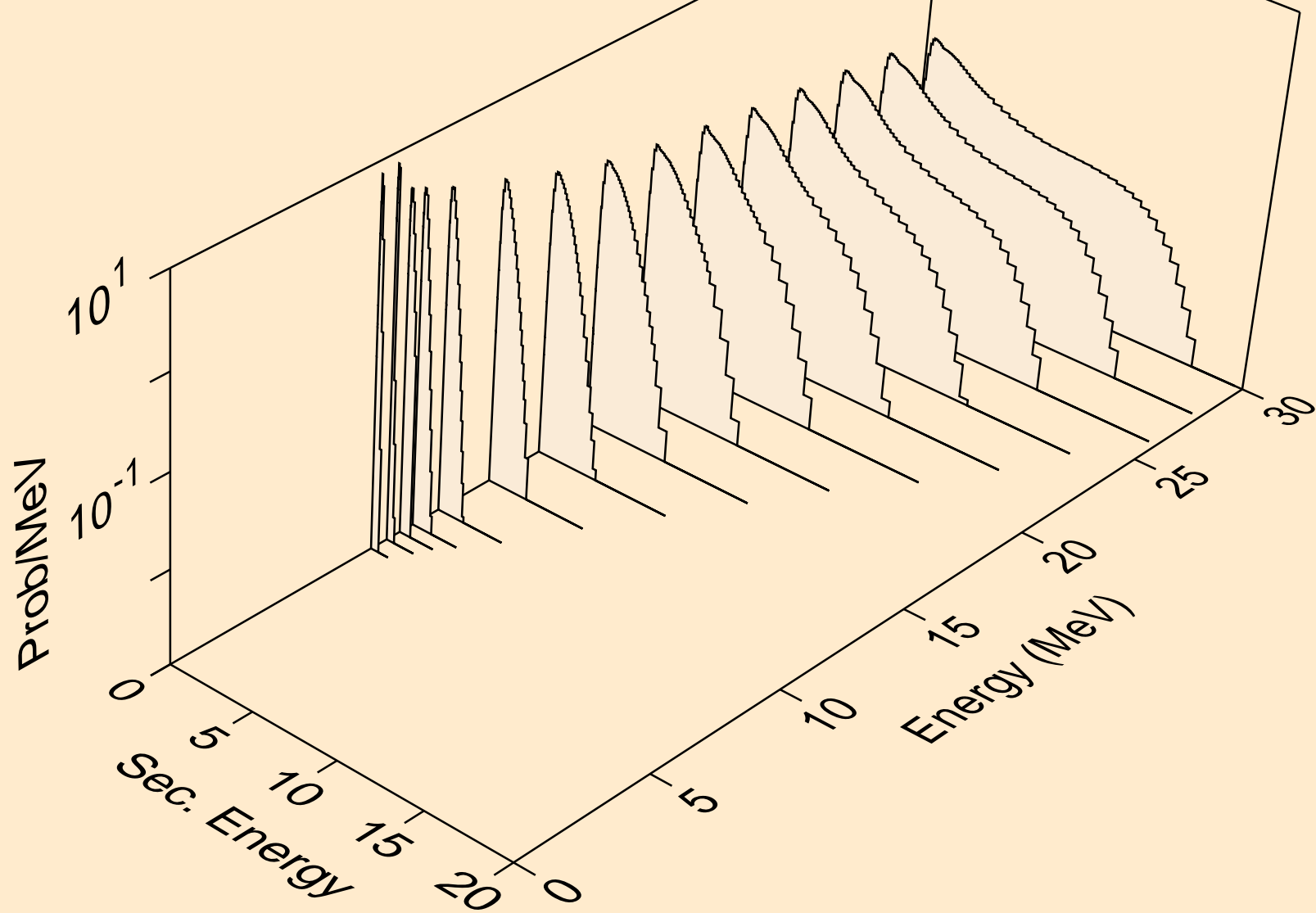
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



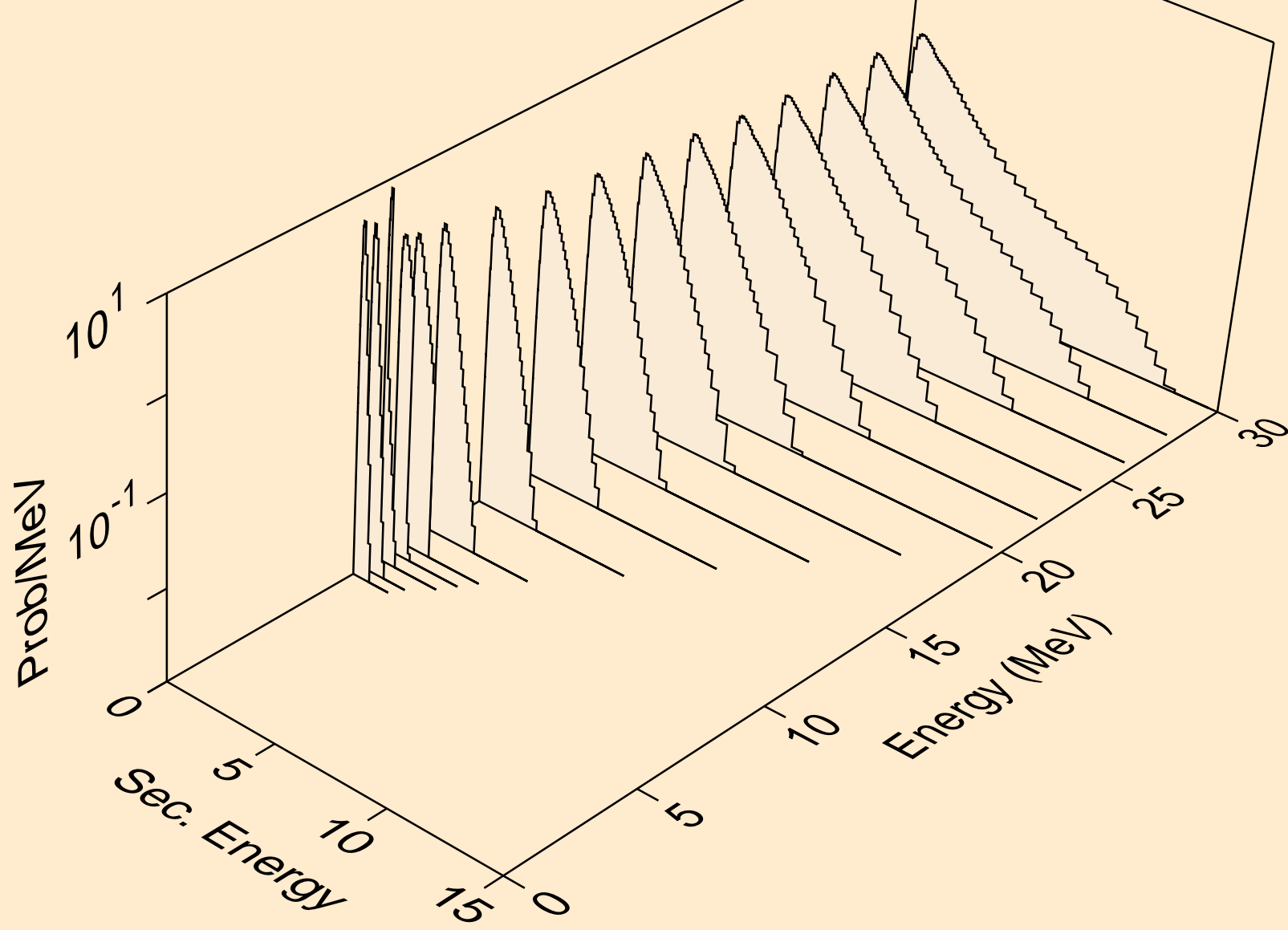
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



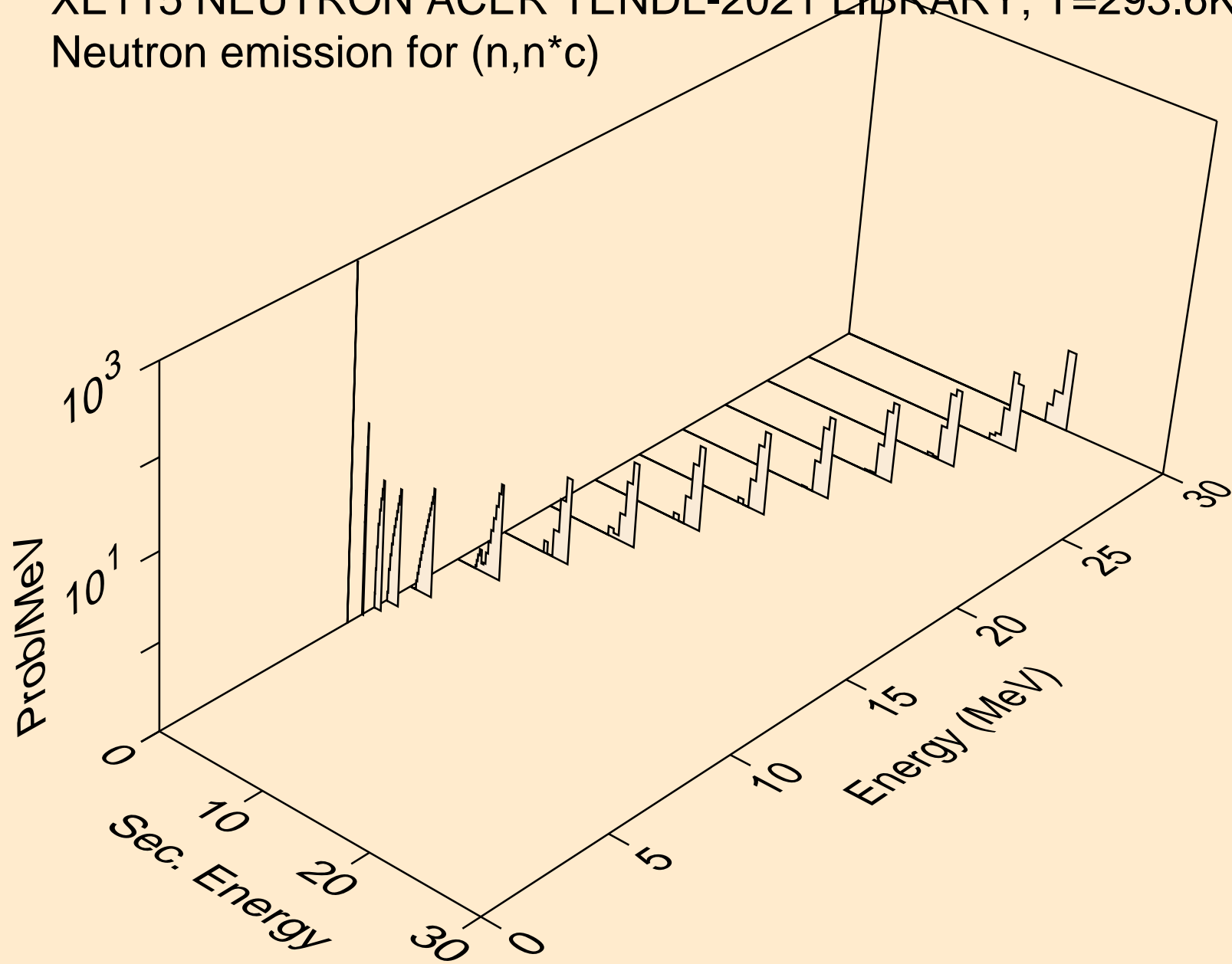
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



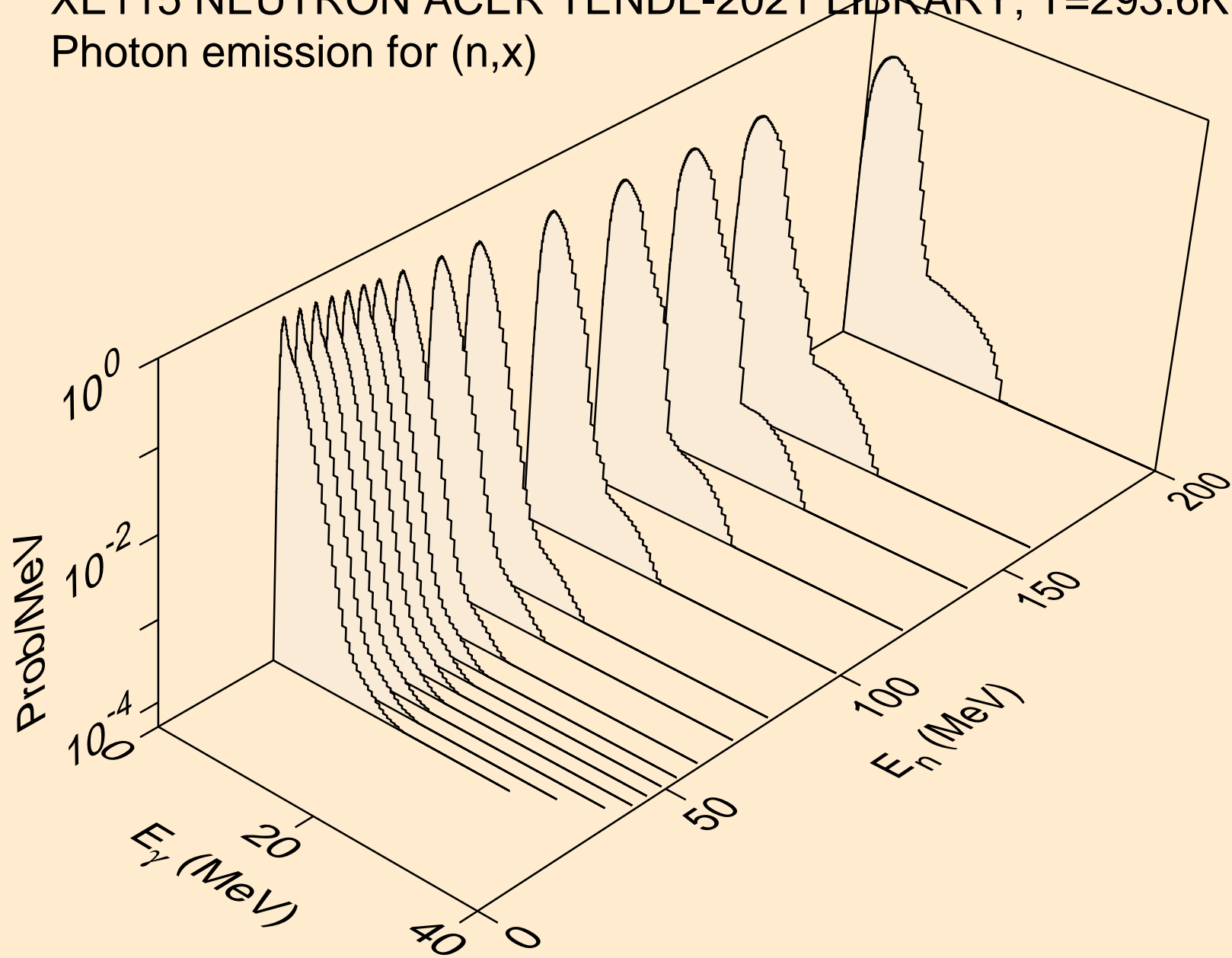
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

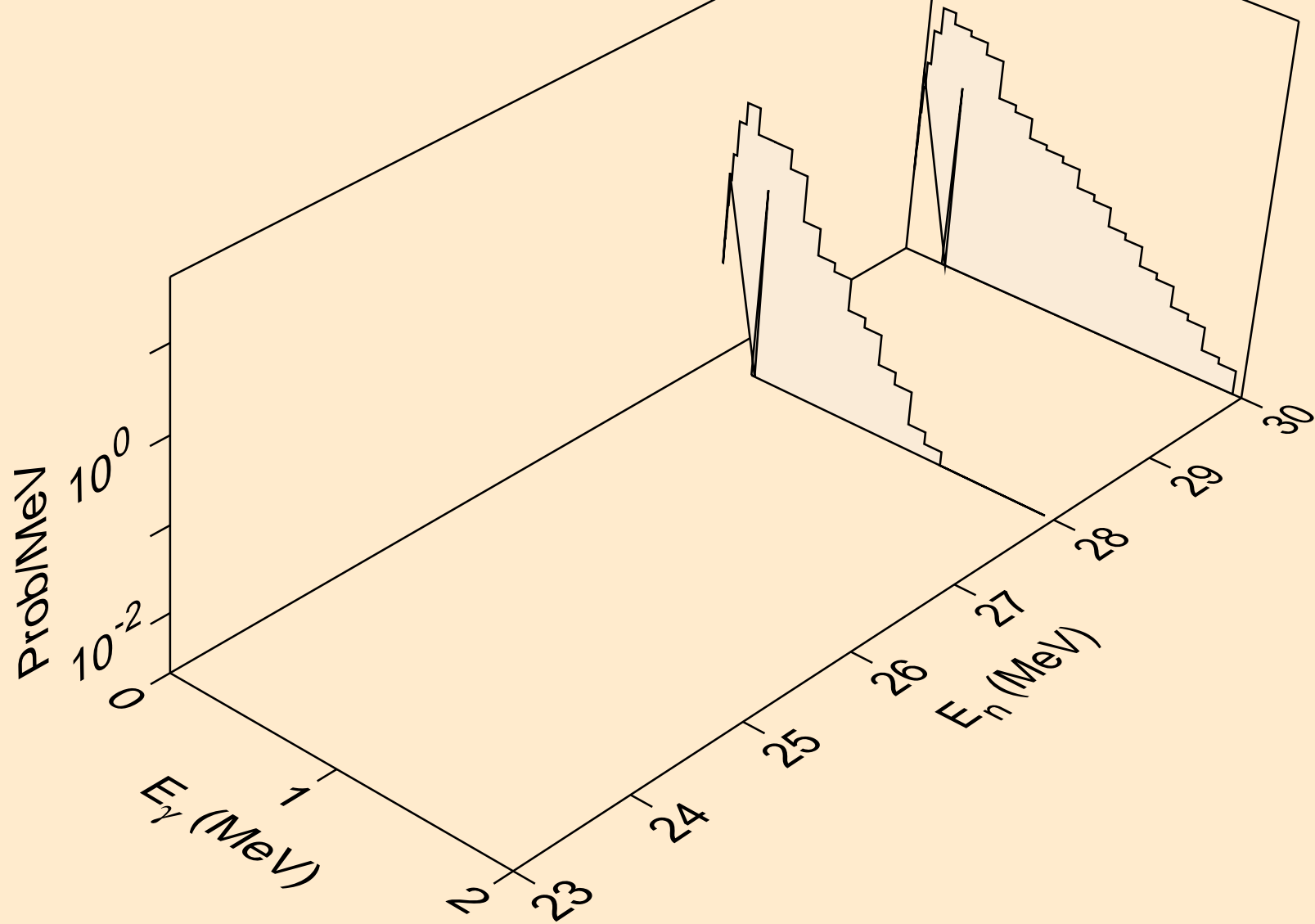


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

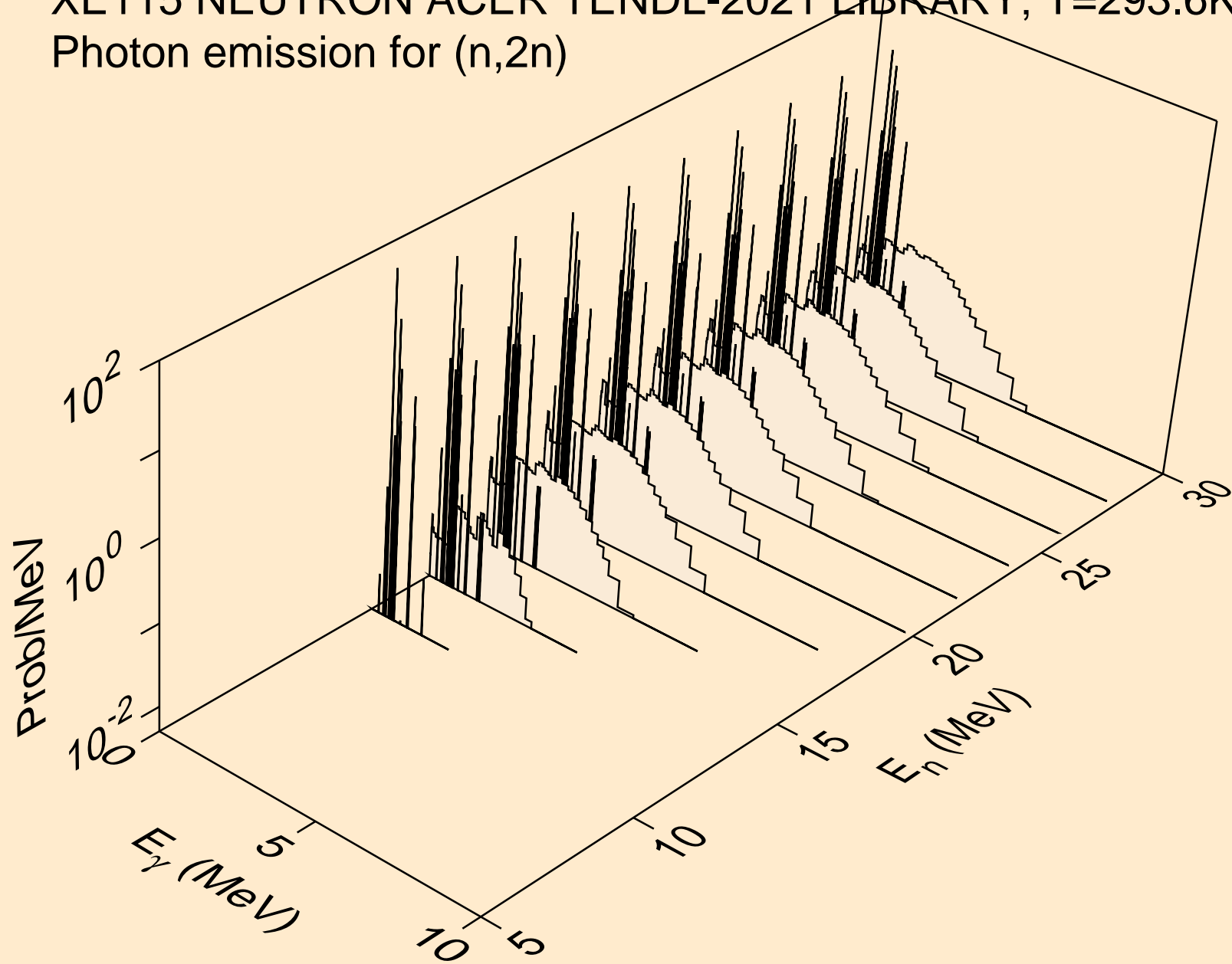




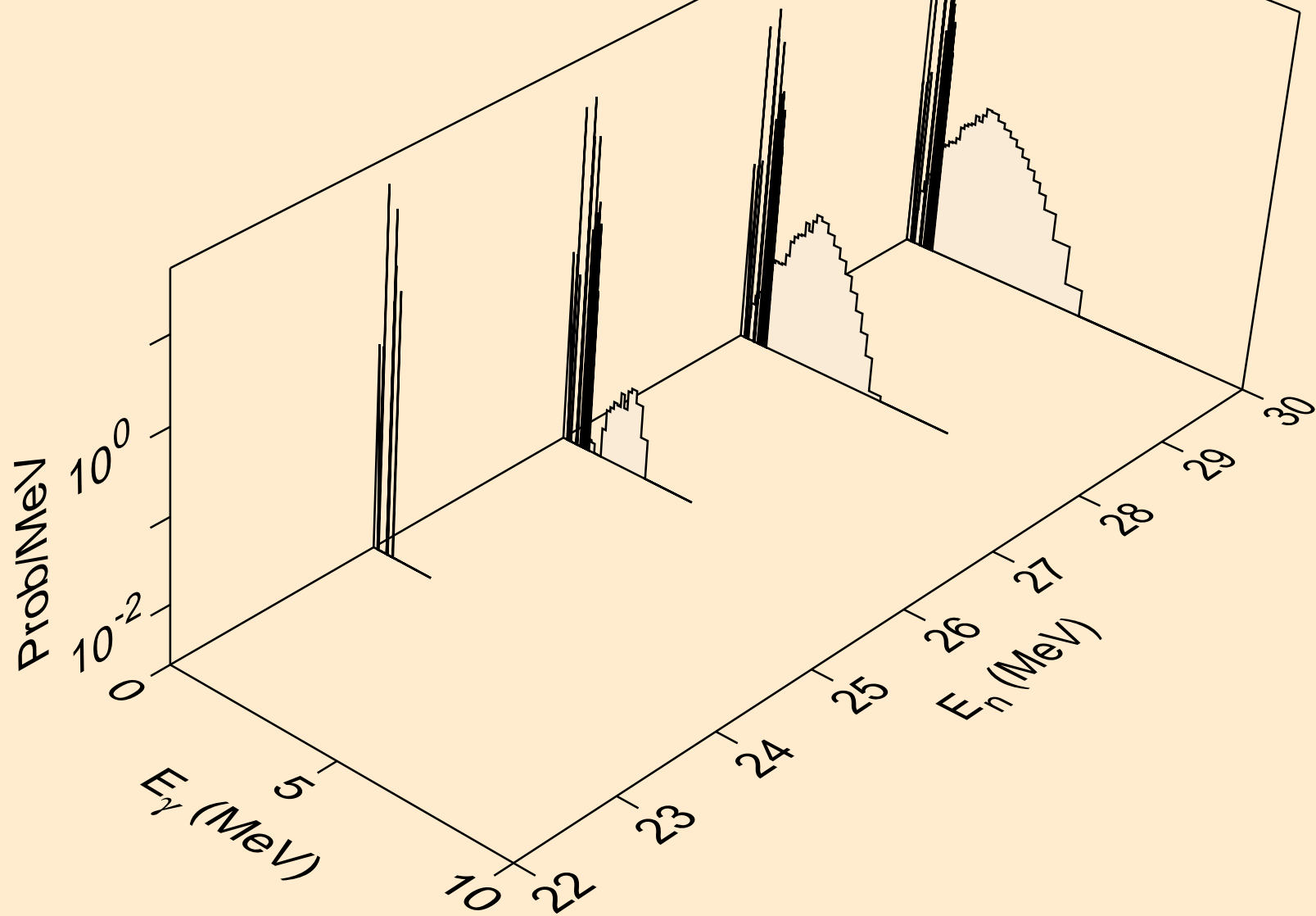
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Photon emission for (n,2nd)



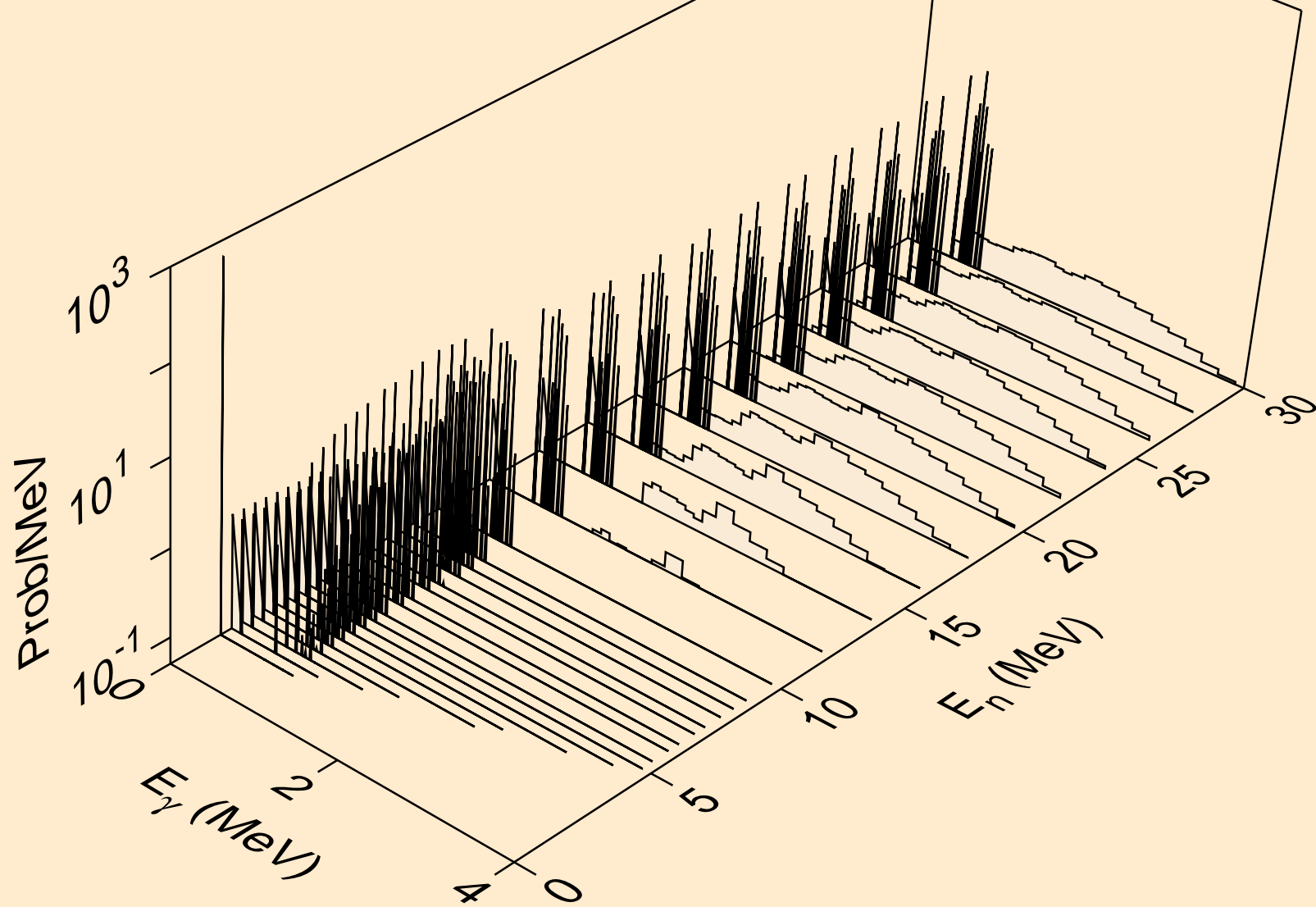
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



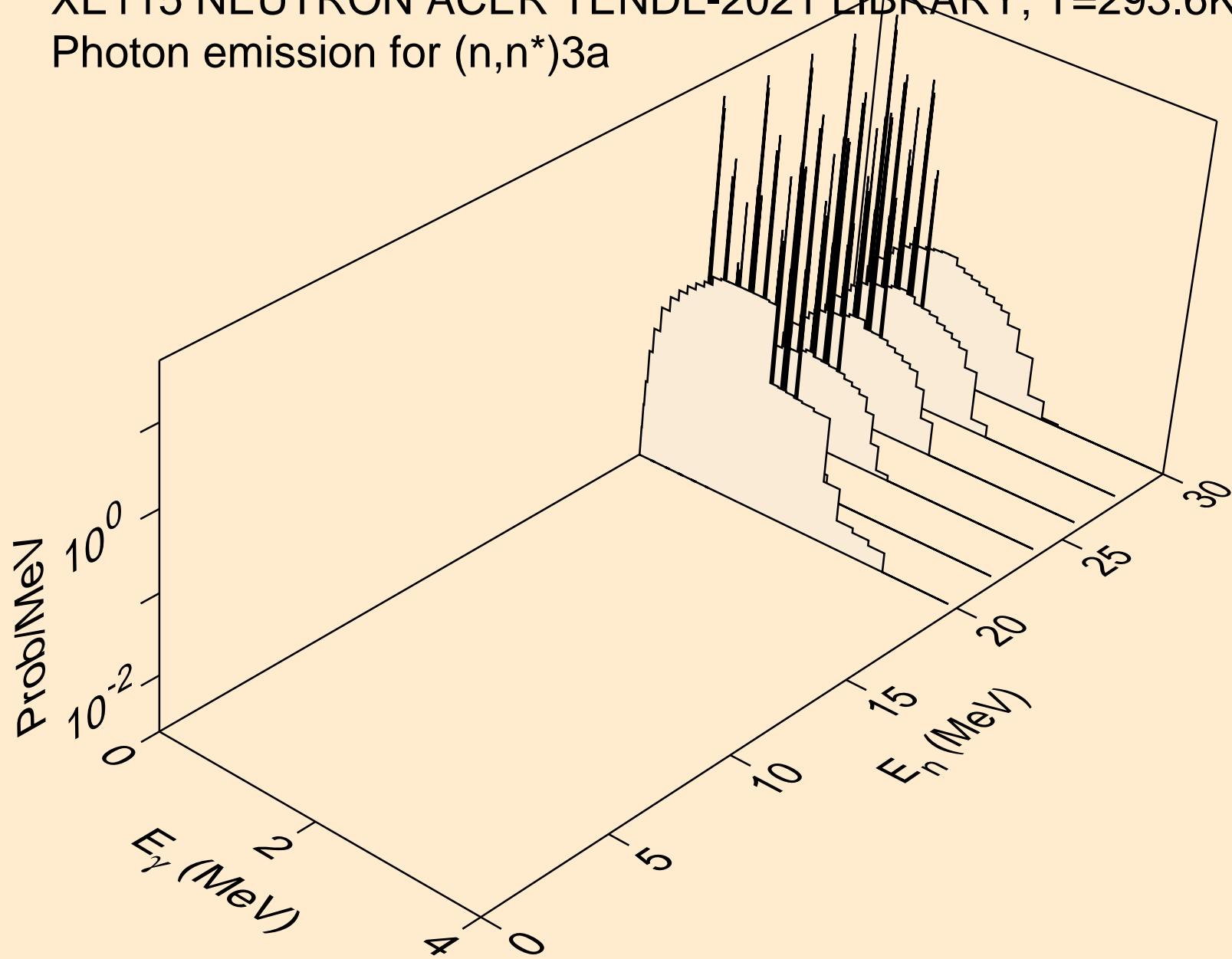
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



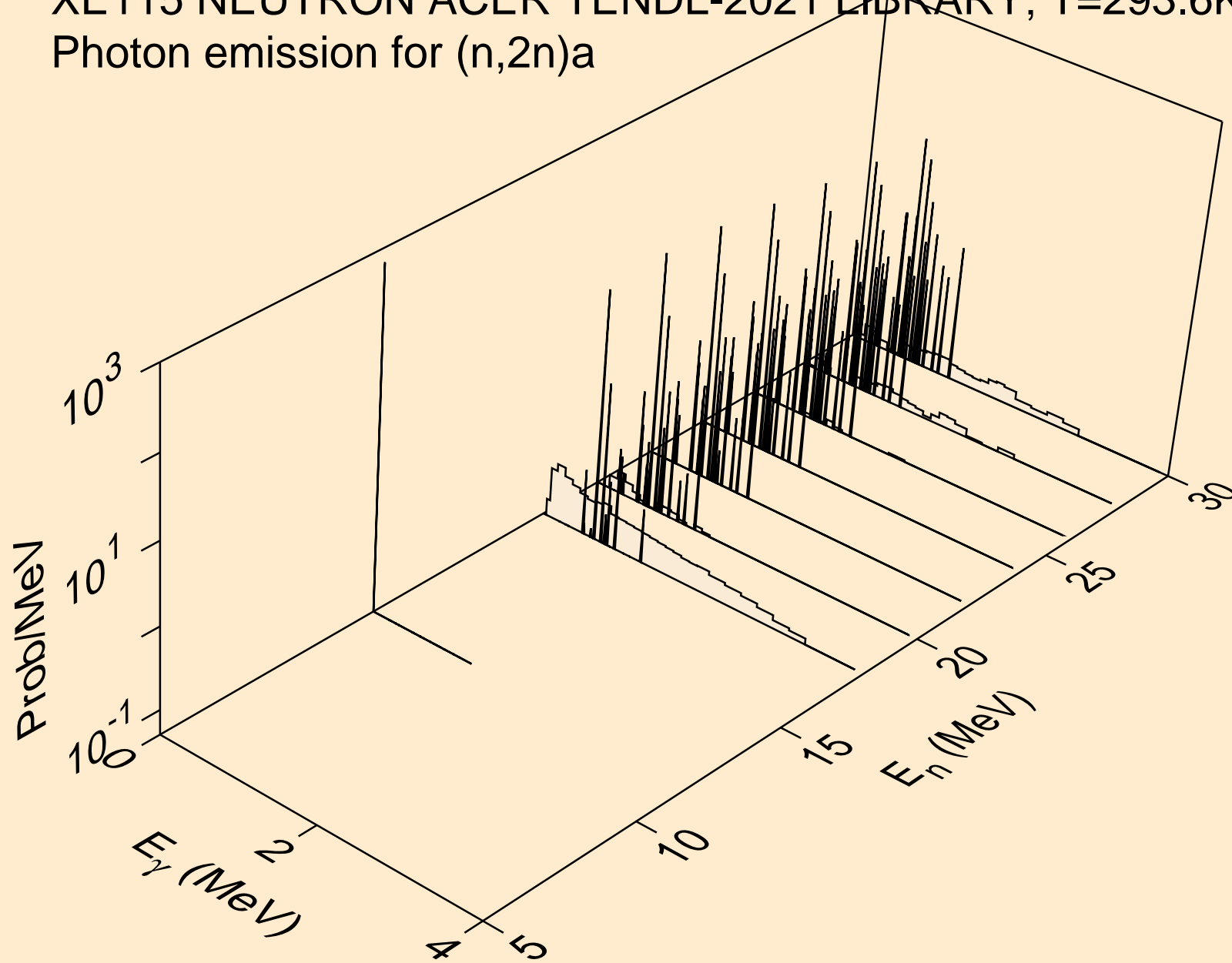
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



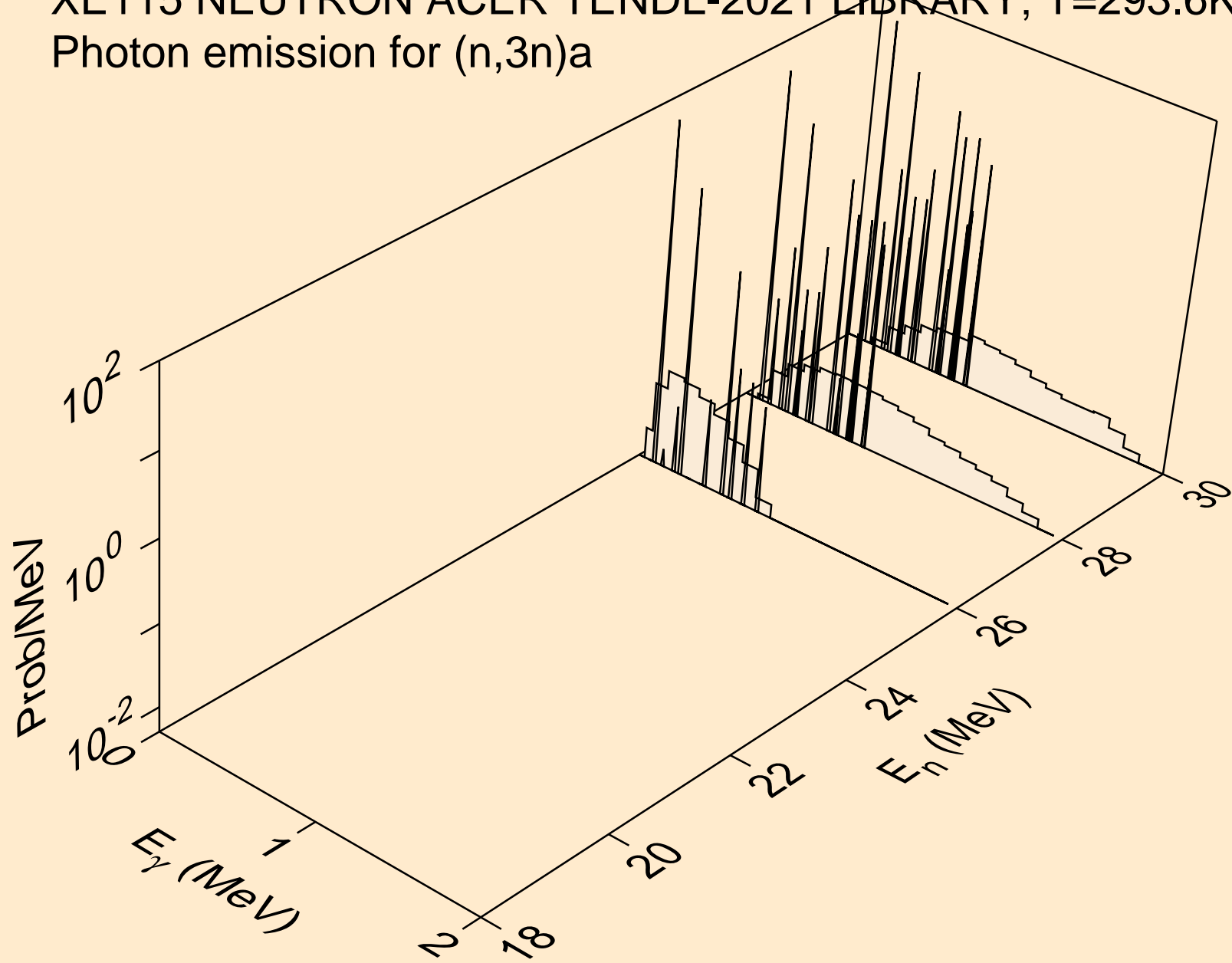
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a



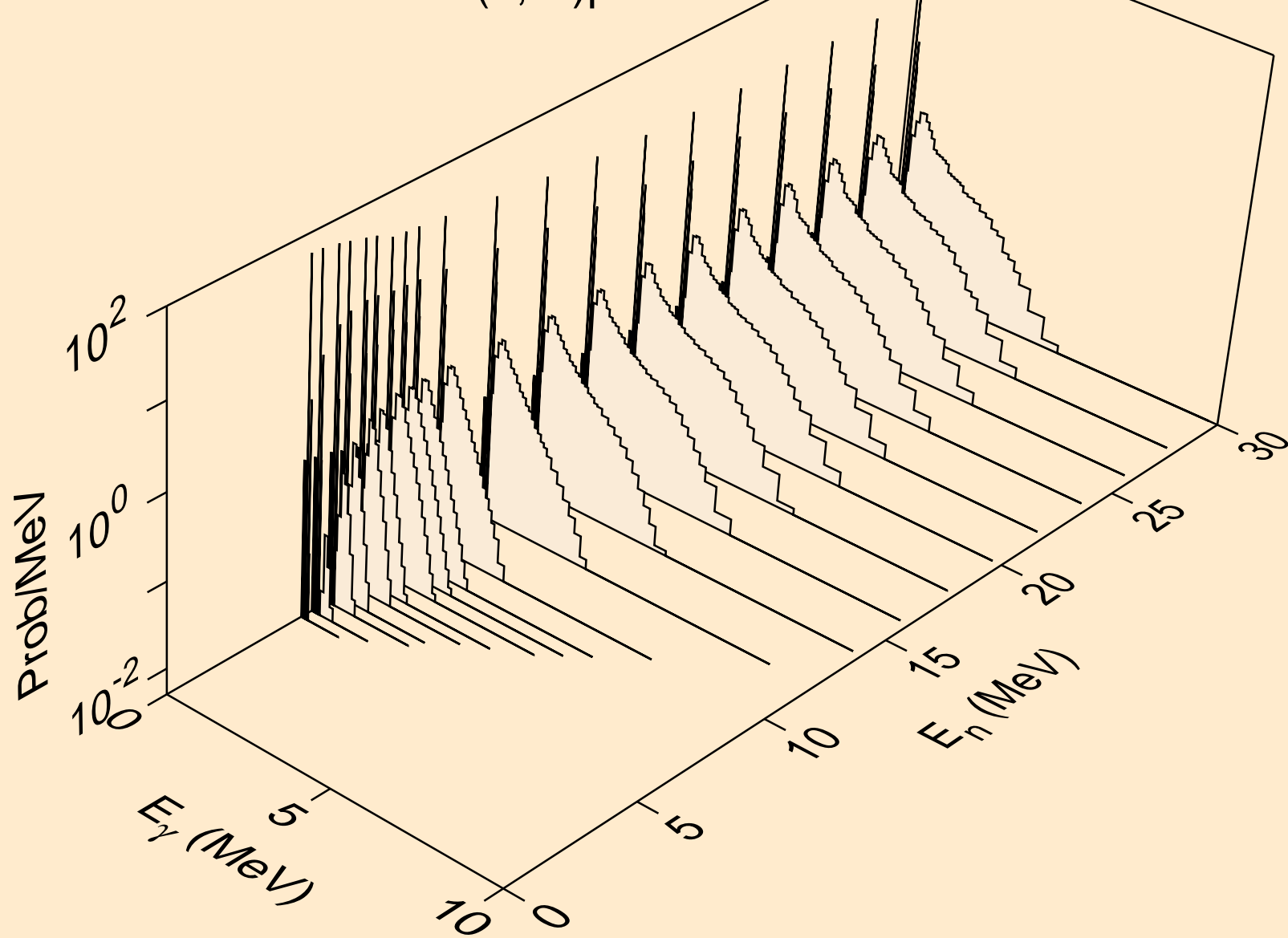
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

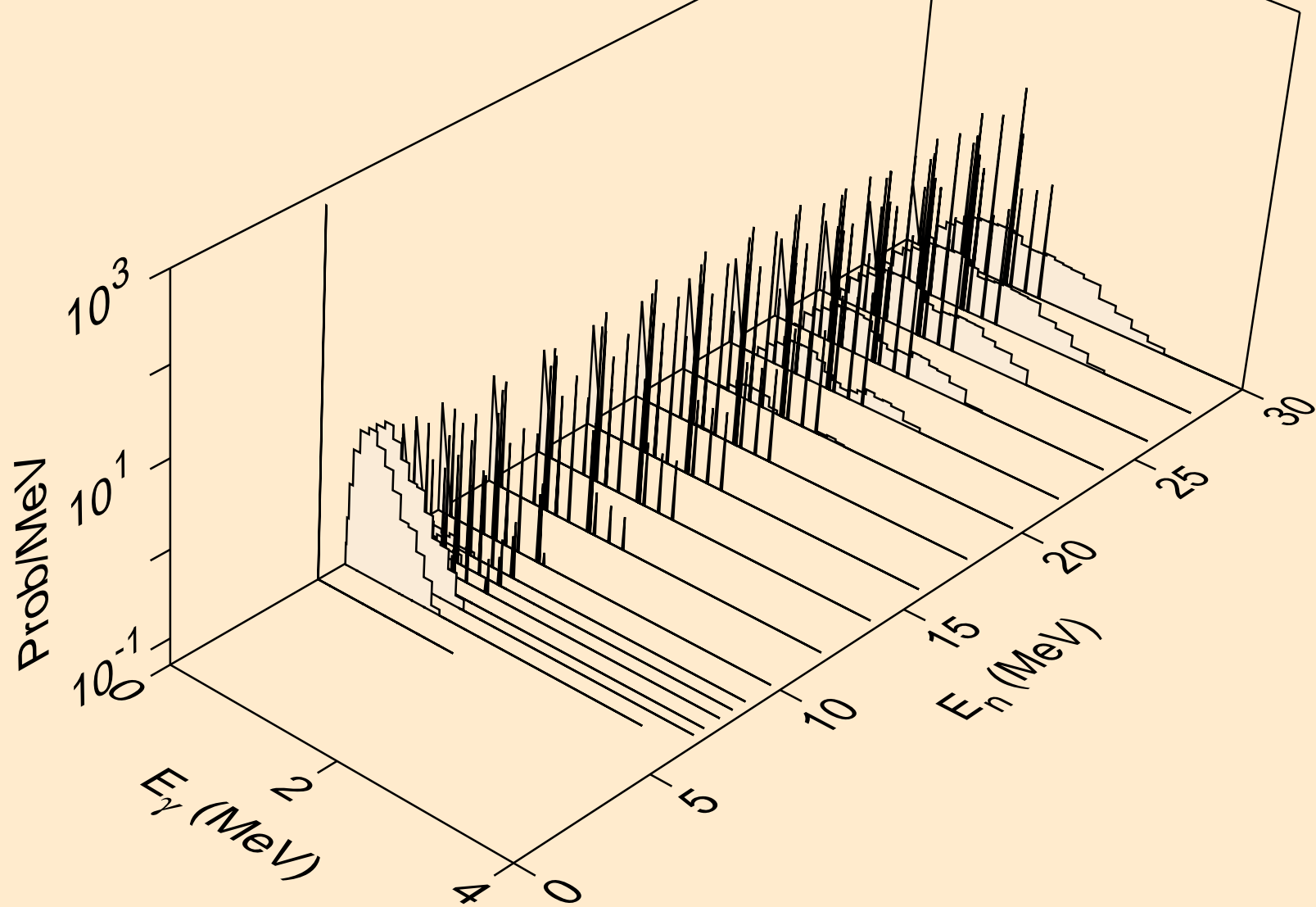


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

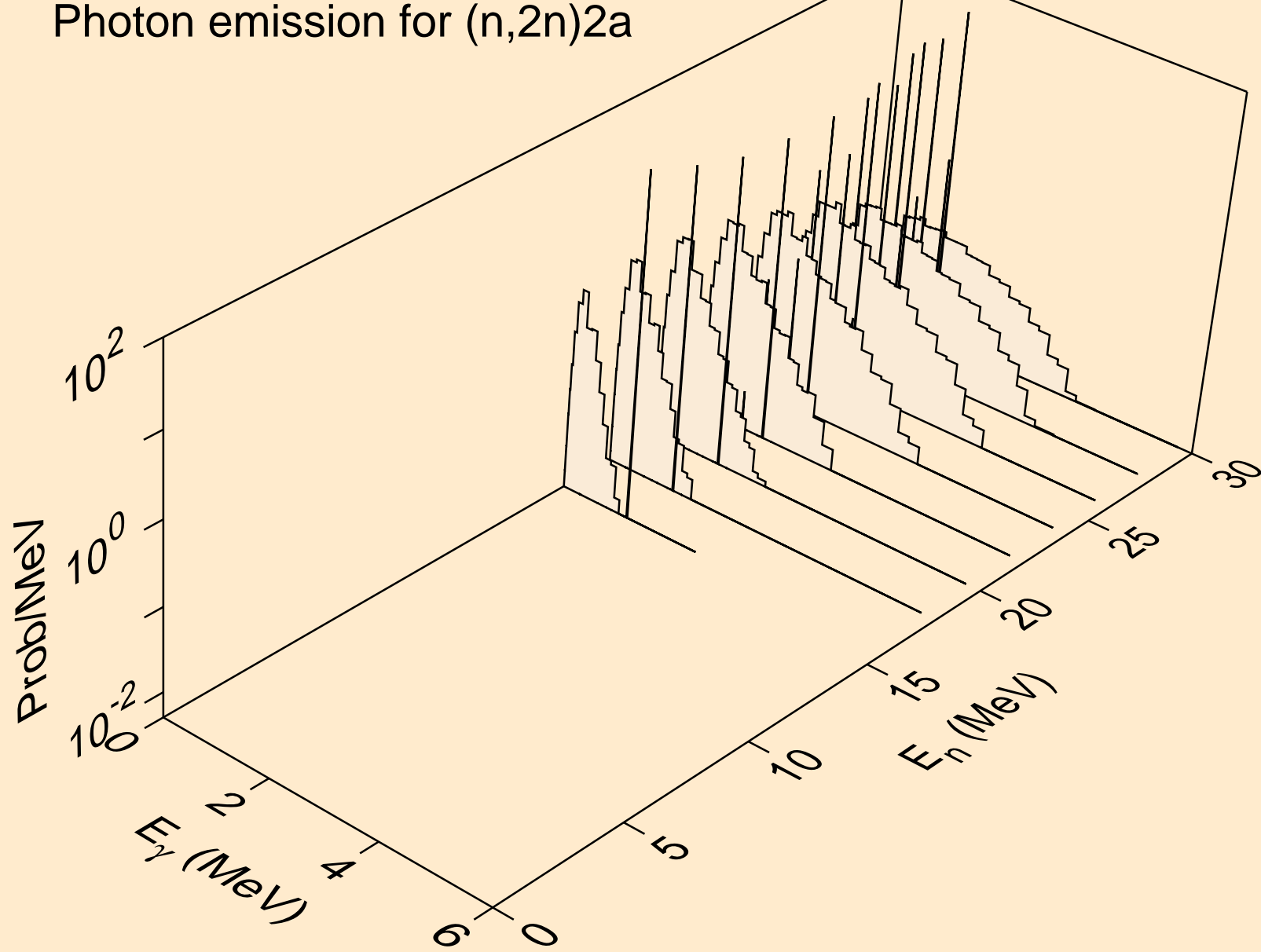




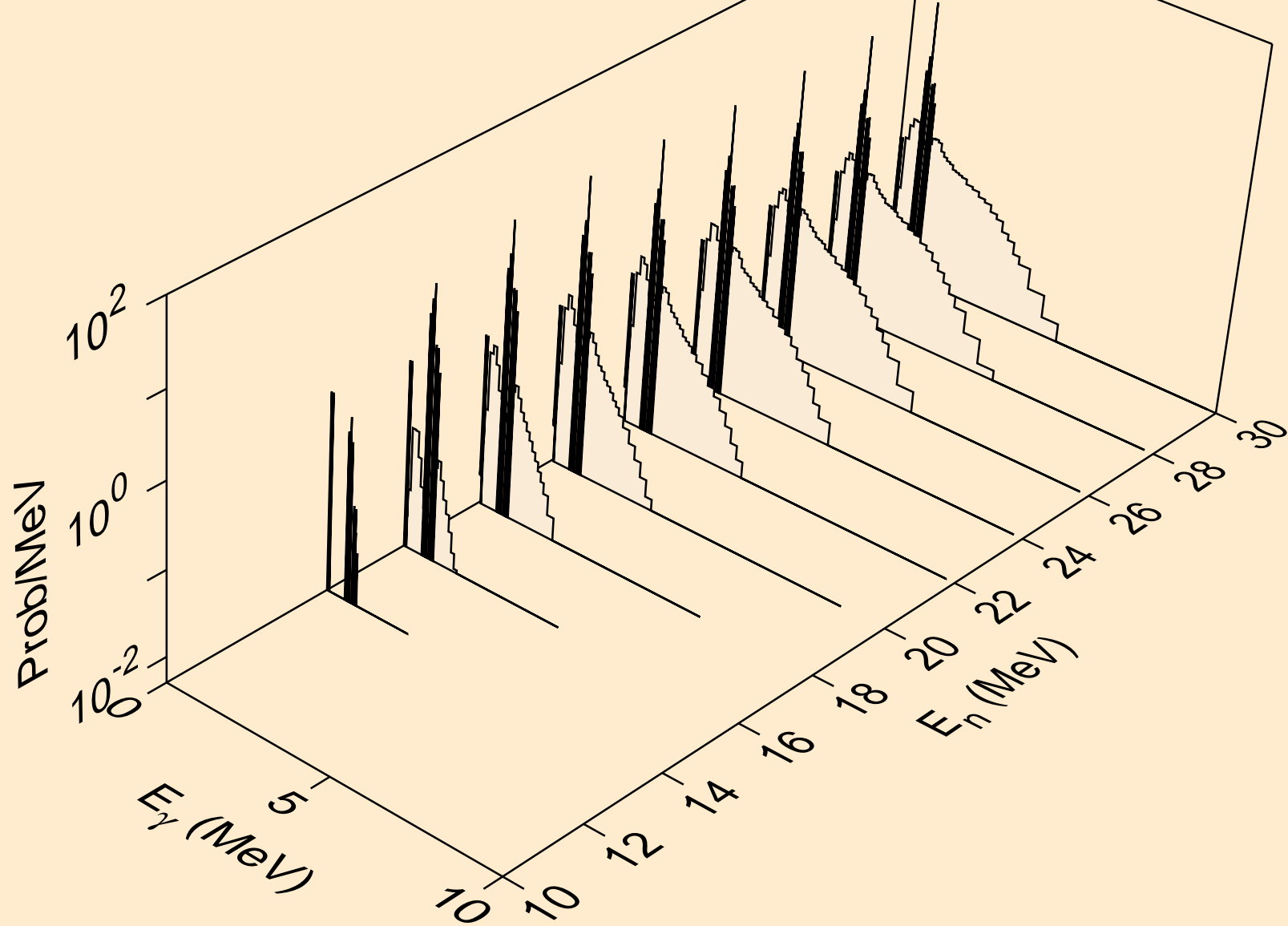
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



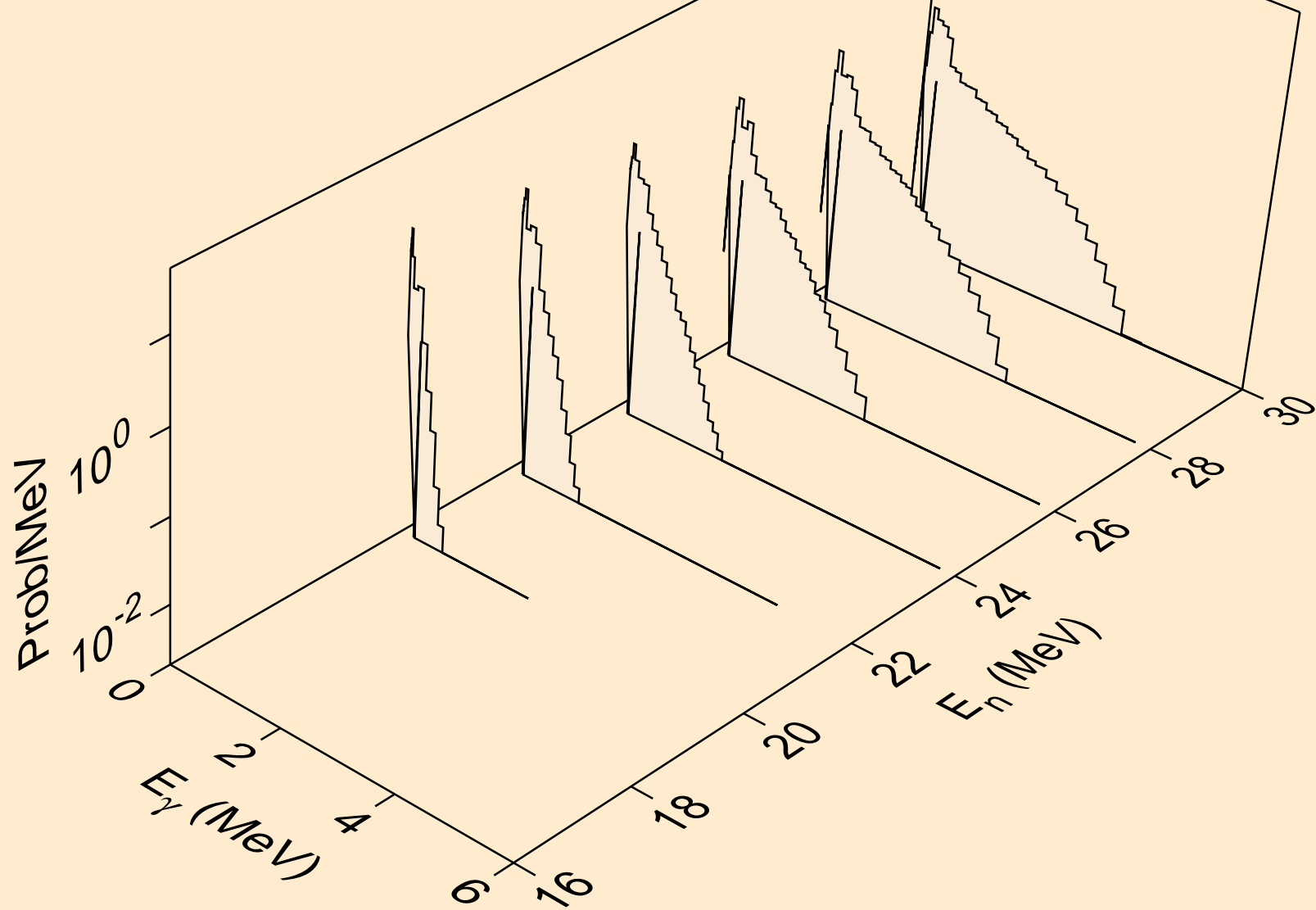
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



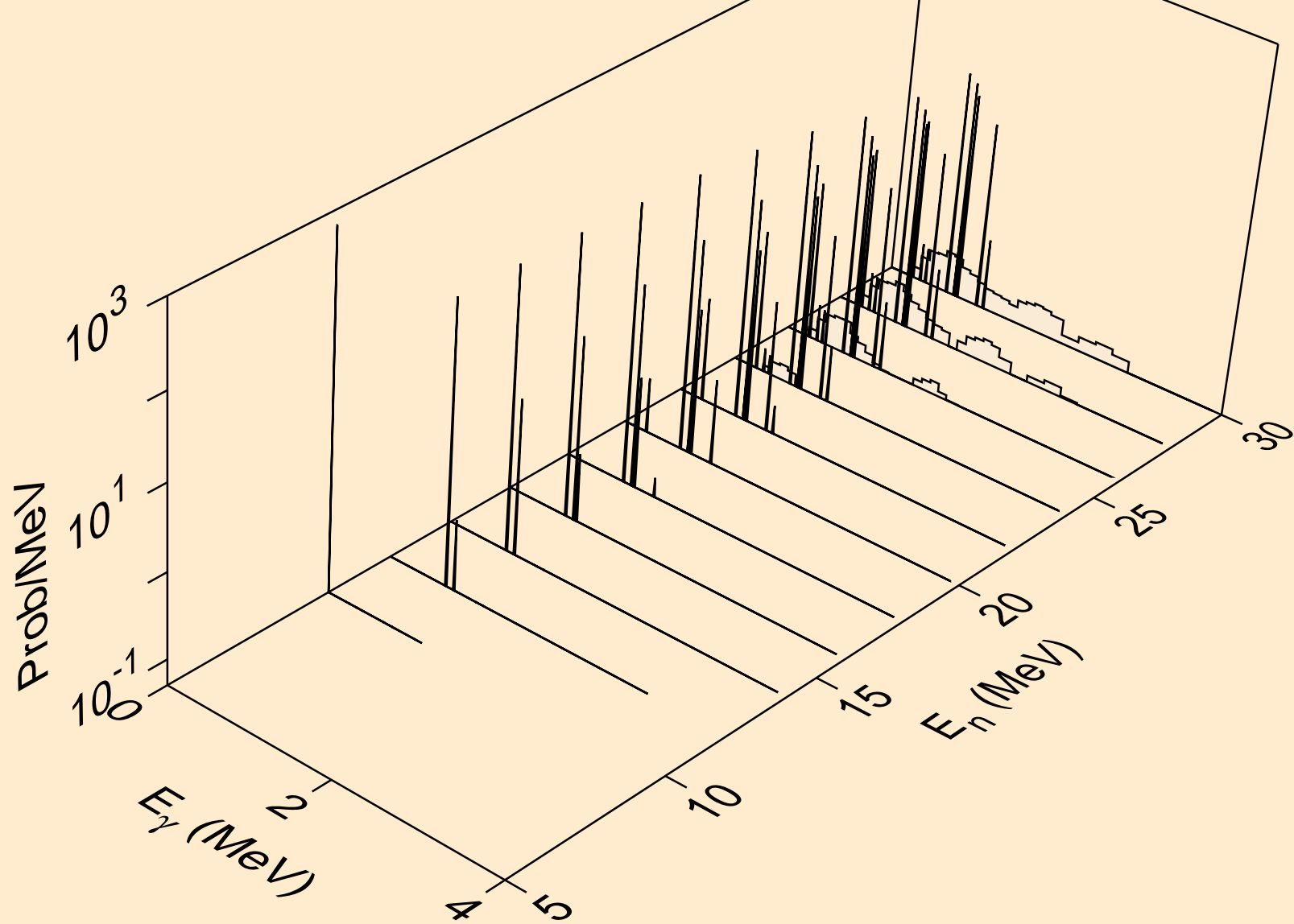
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



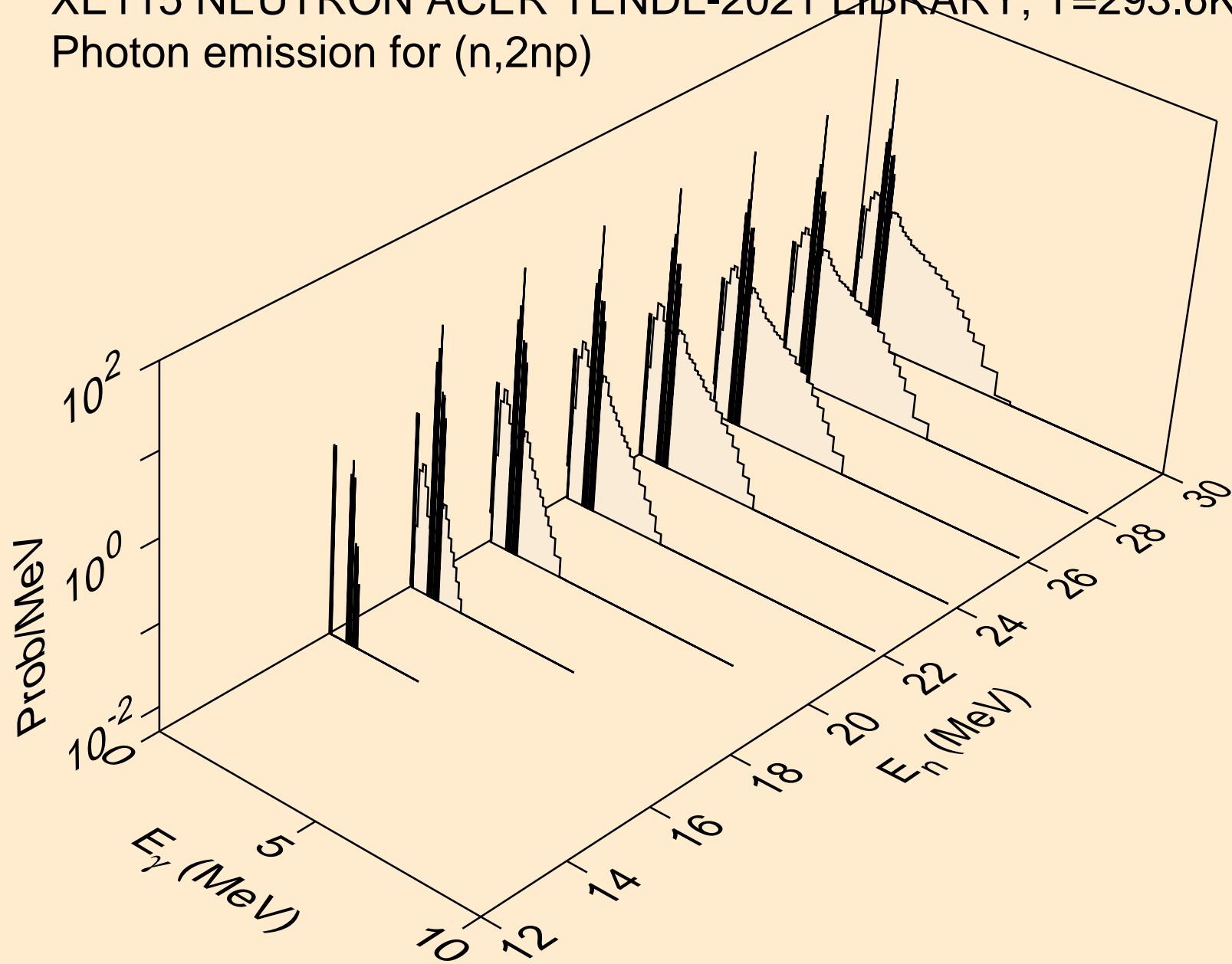
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



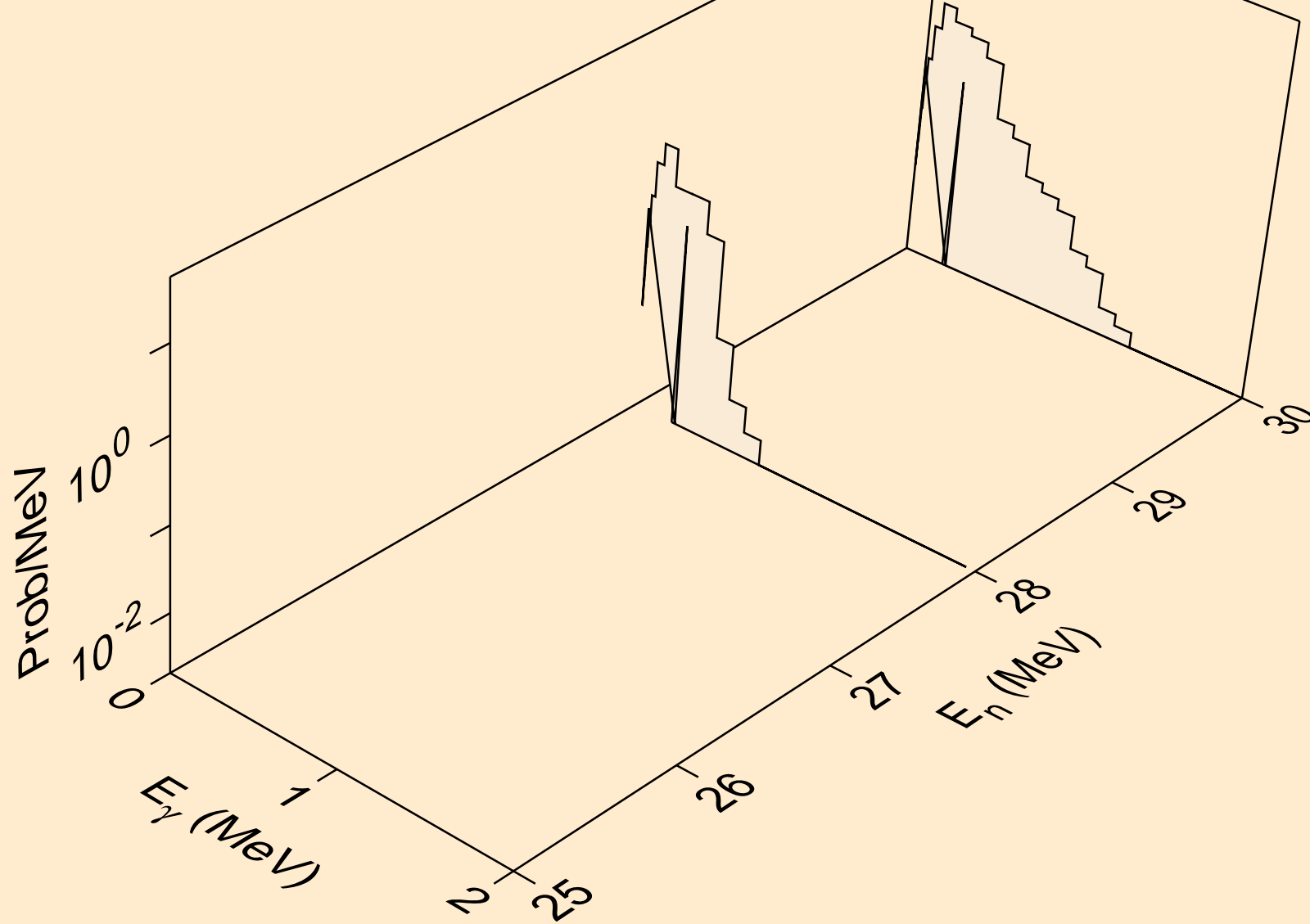
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



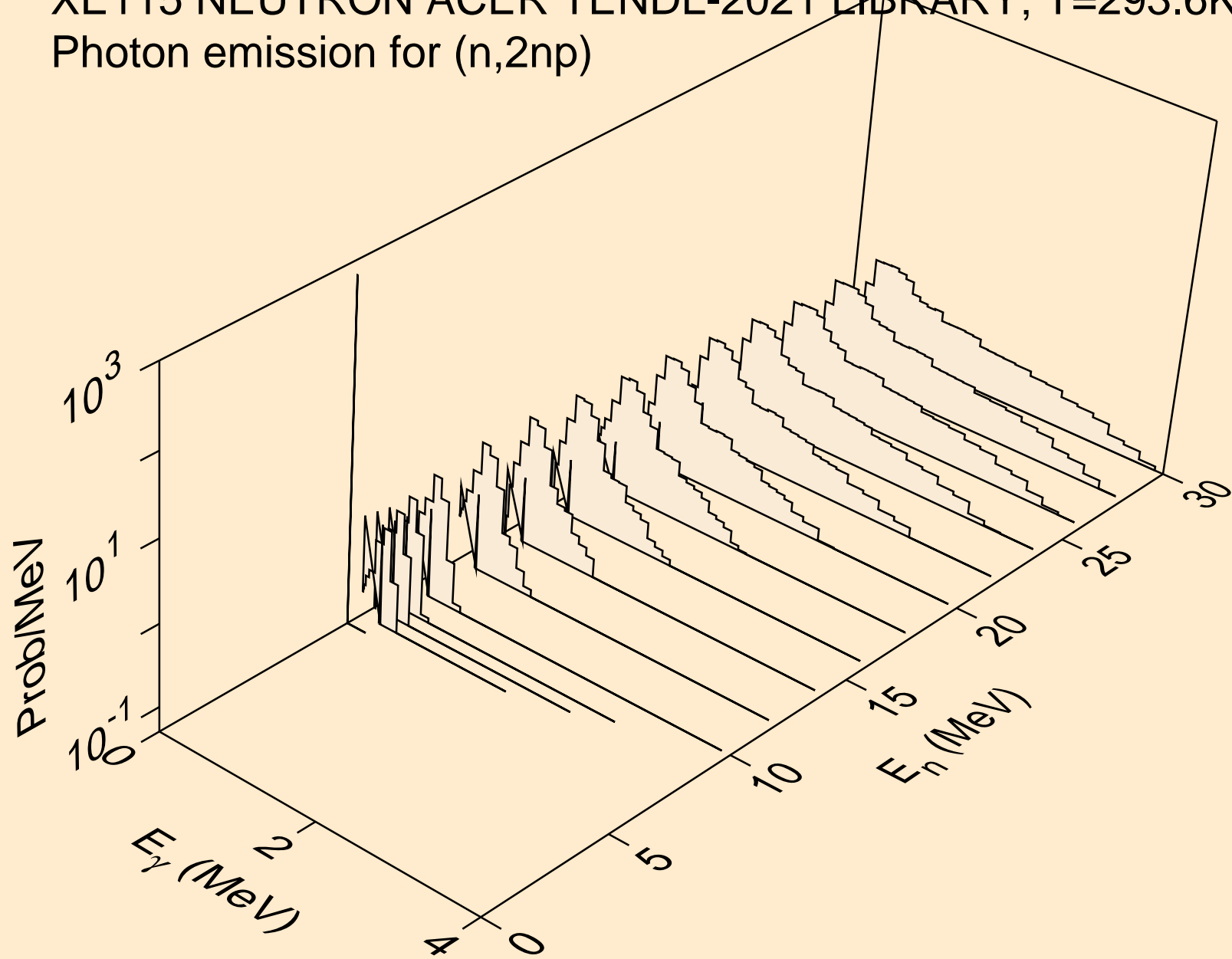
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

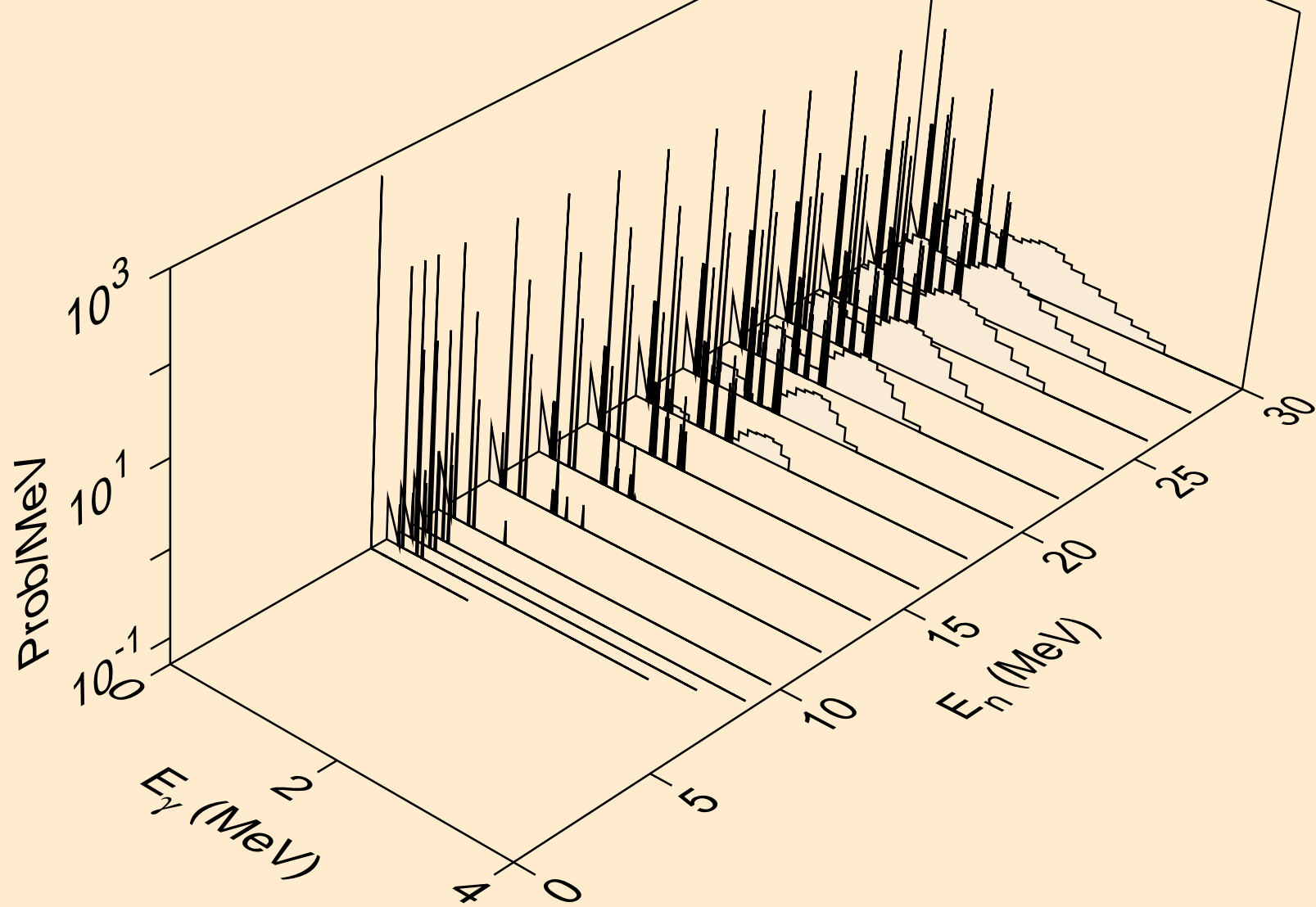


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

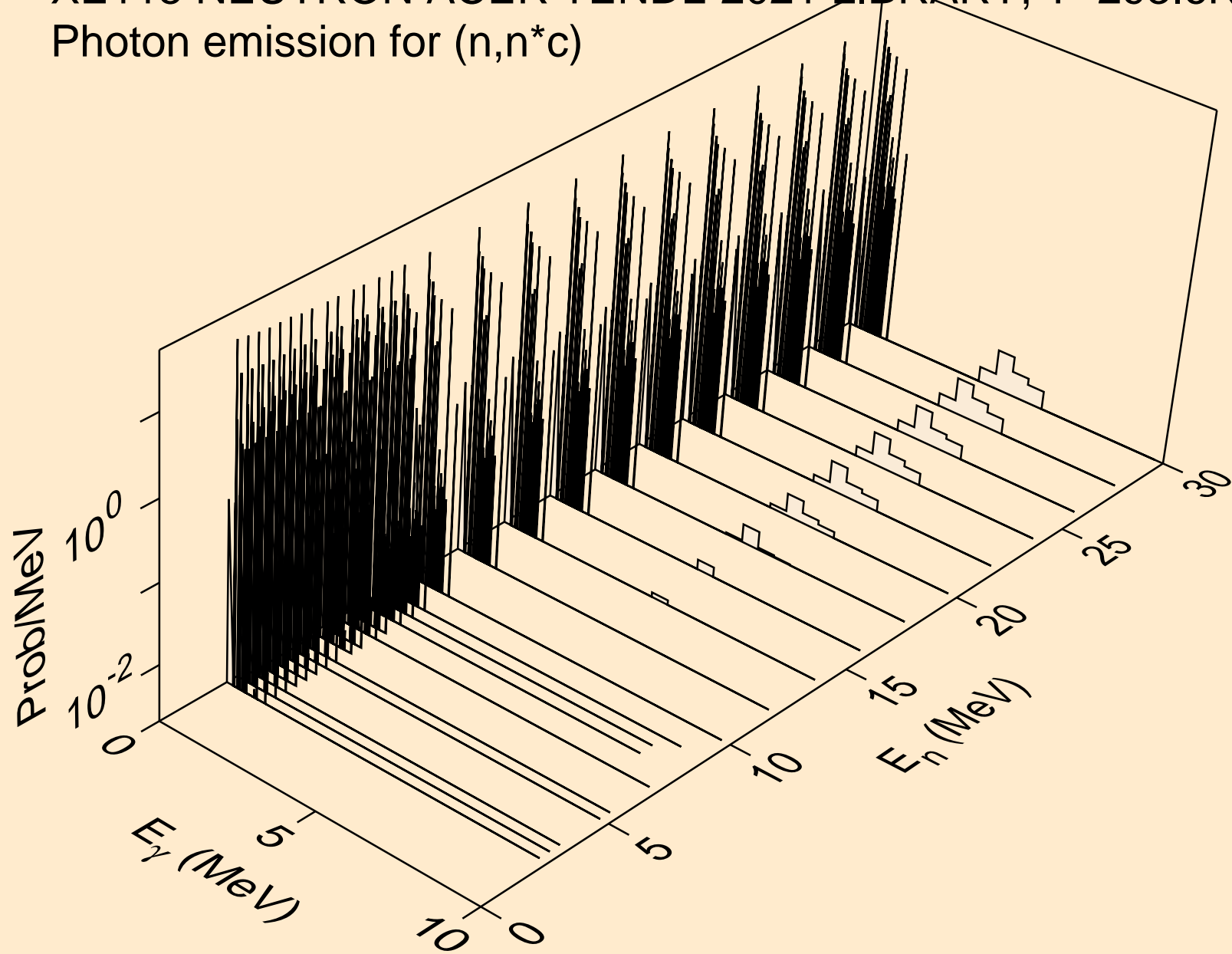




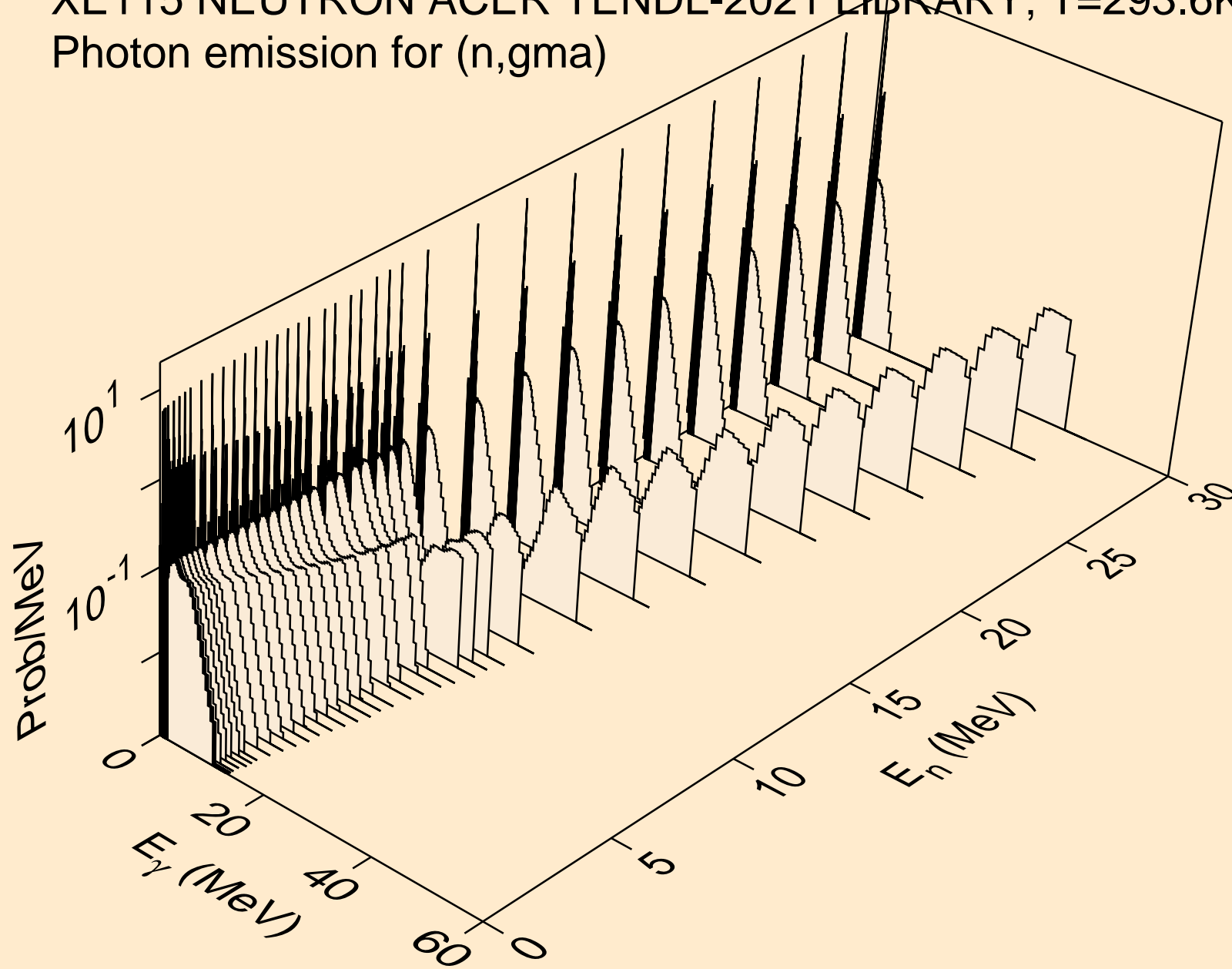
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



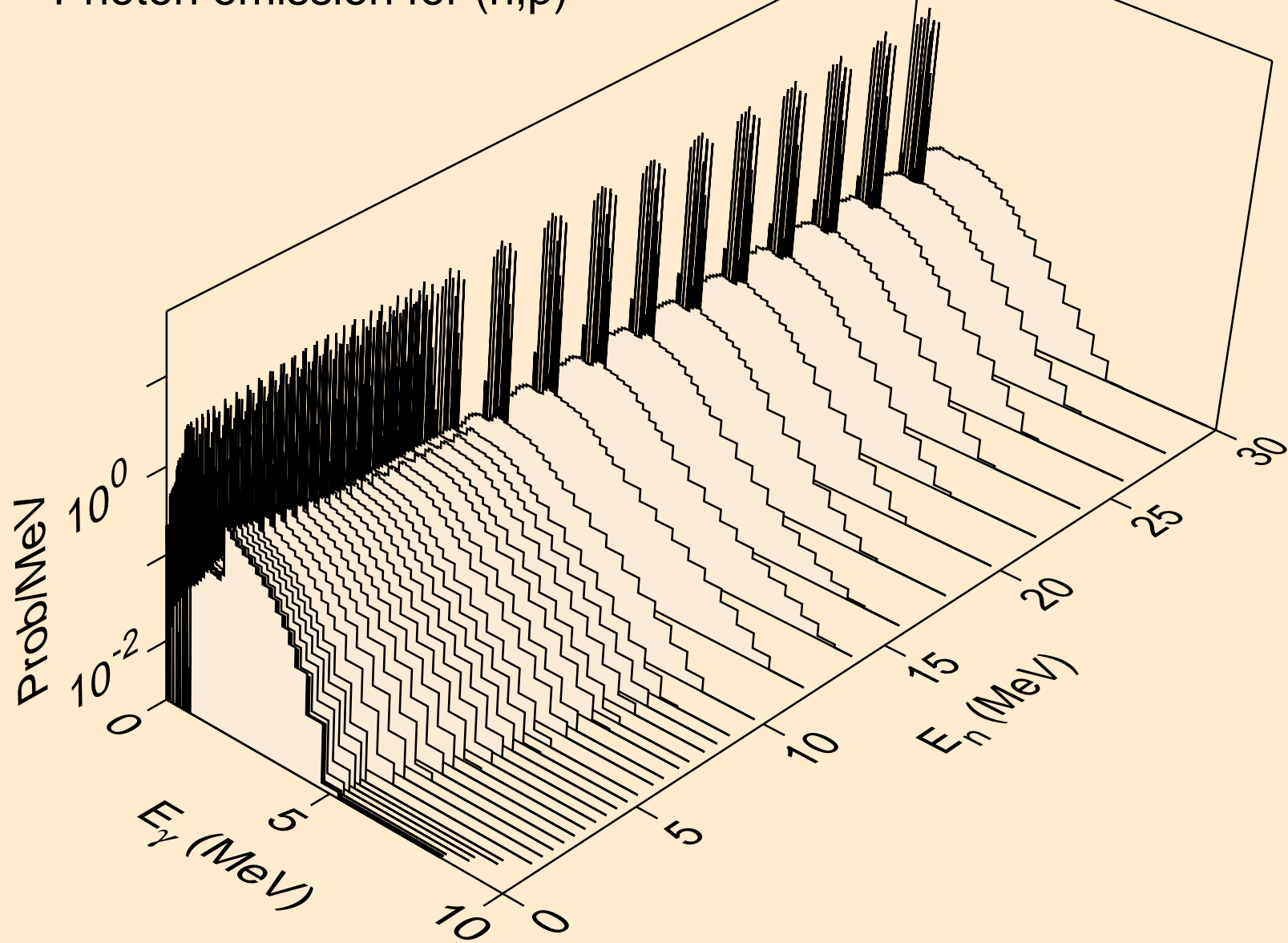
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



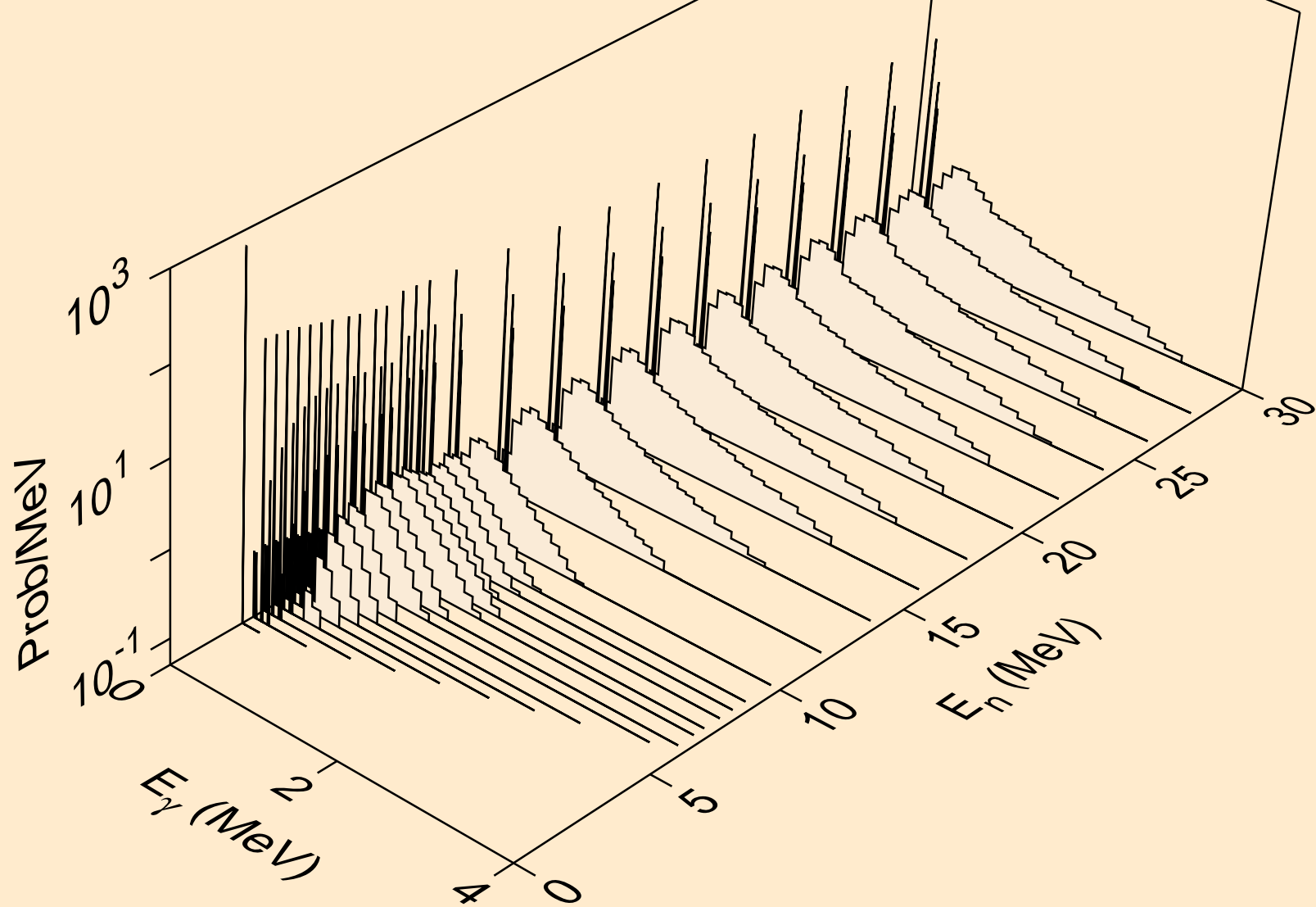
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Photon emission for (n,gma)



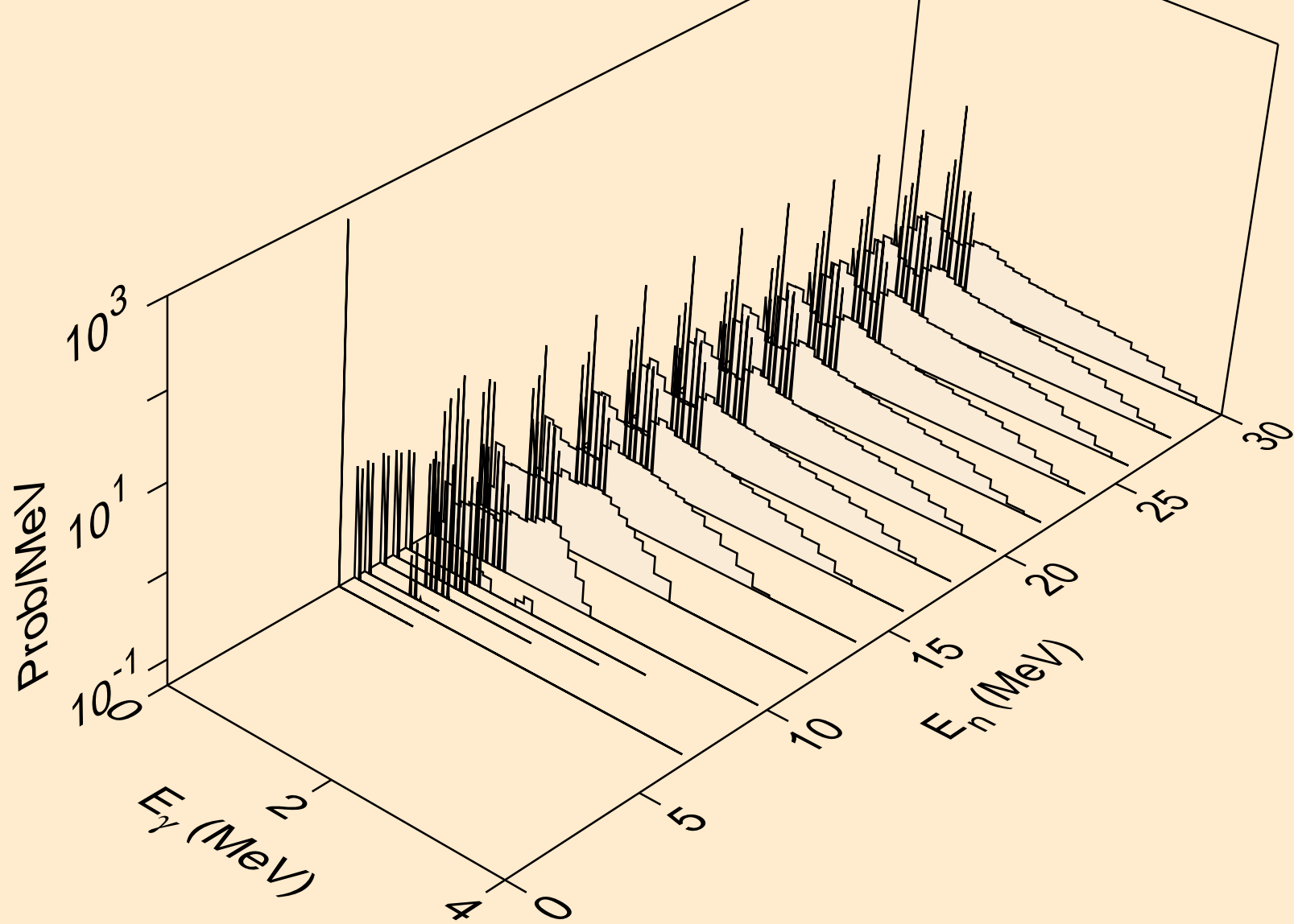
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Photon emission for (n,p)



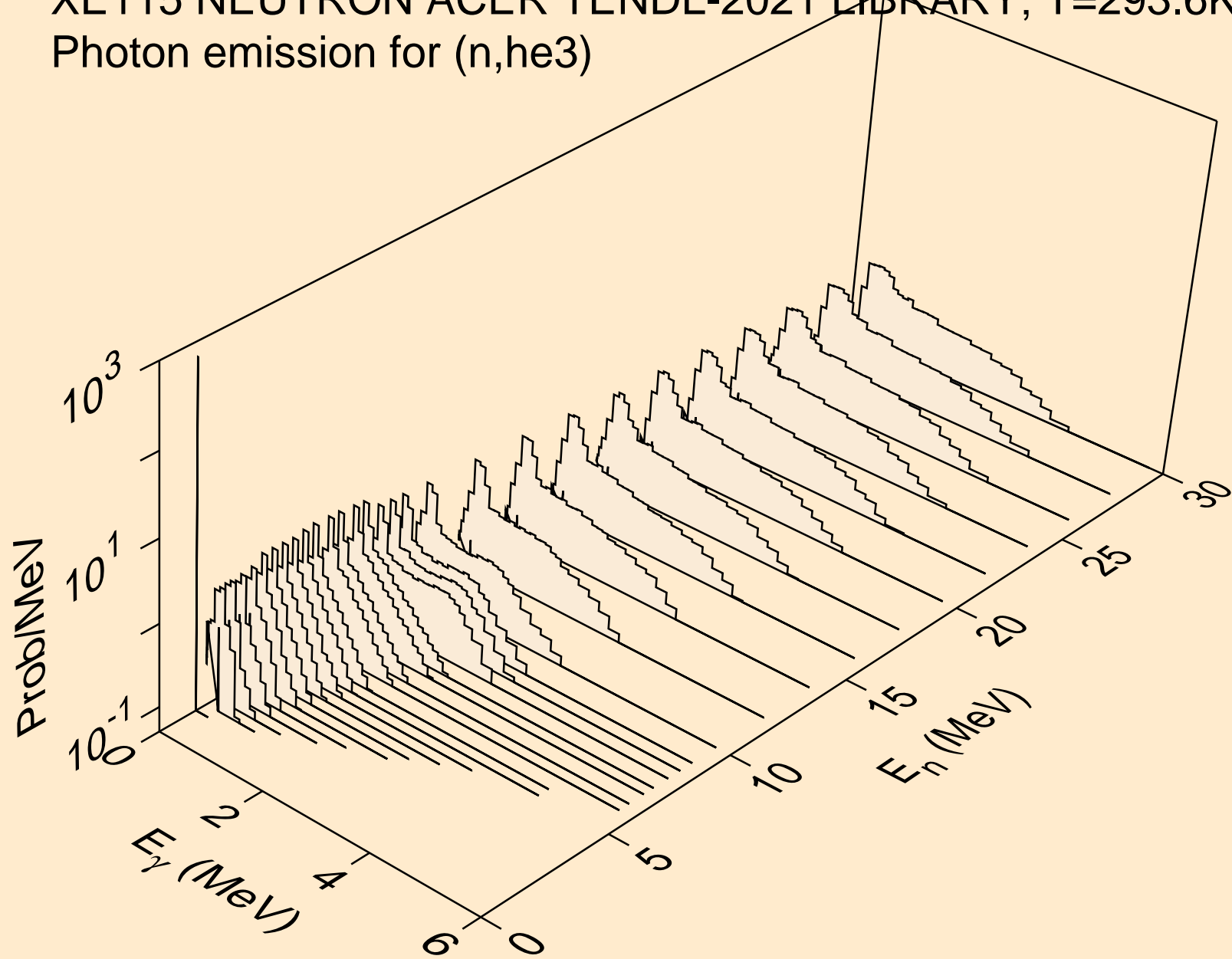
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



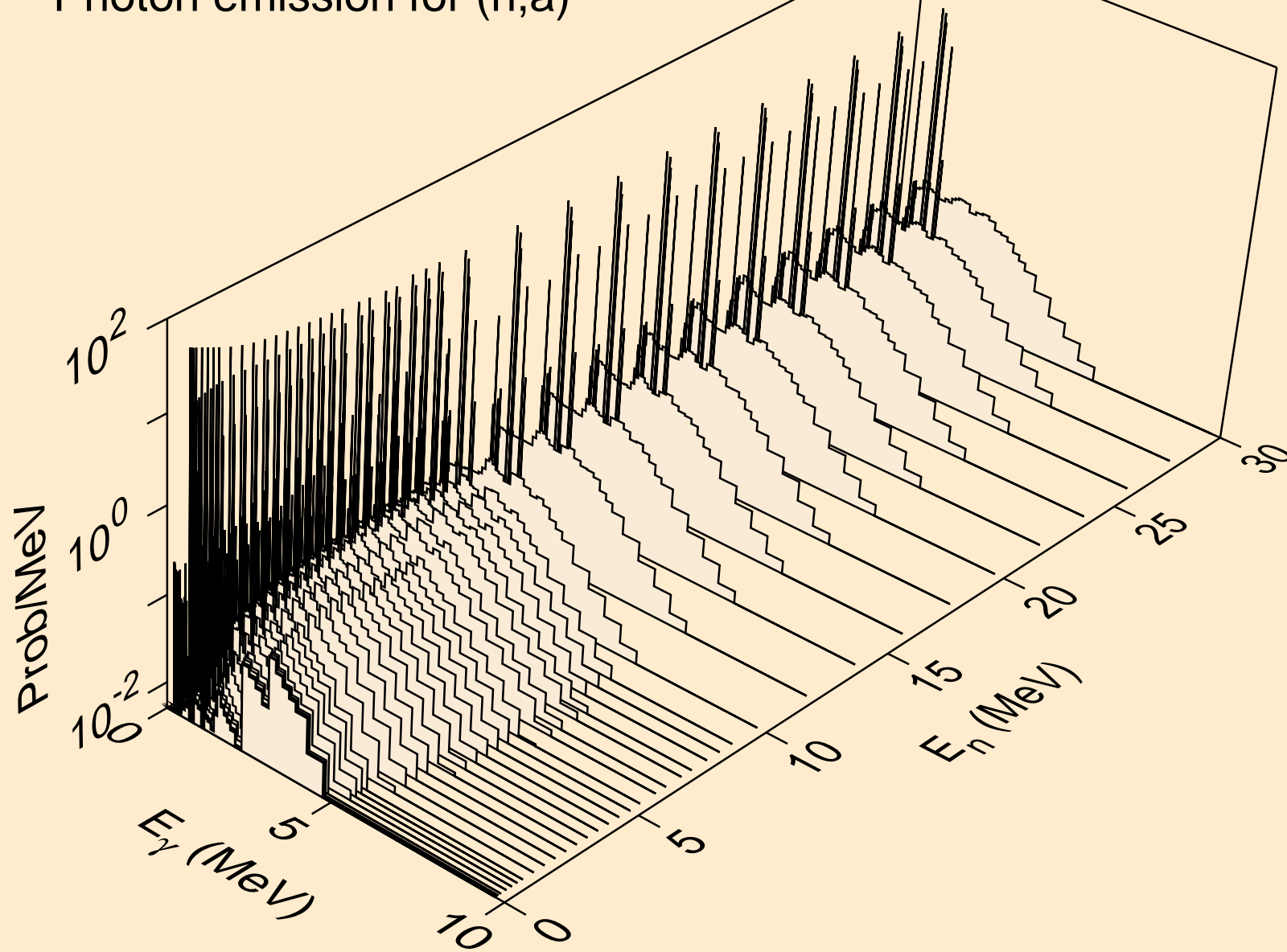
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

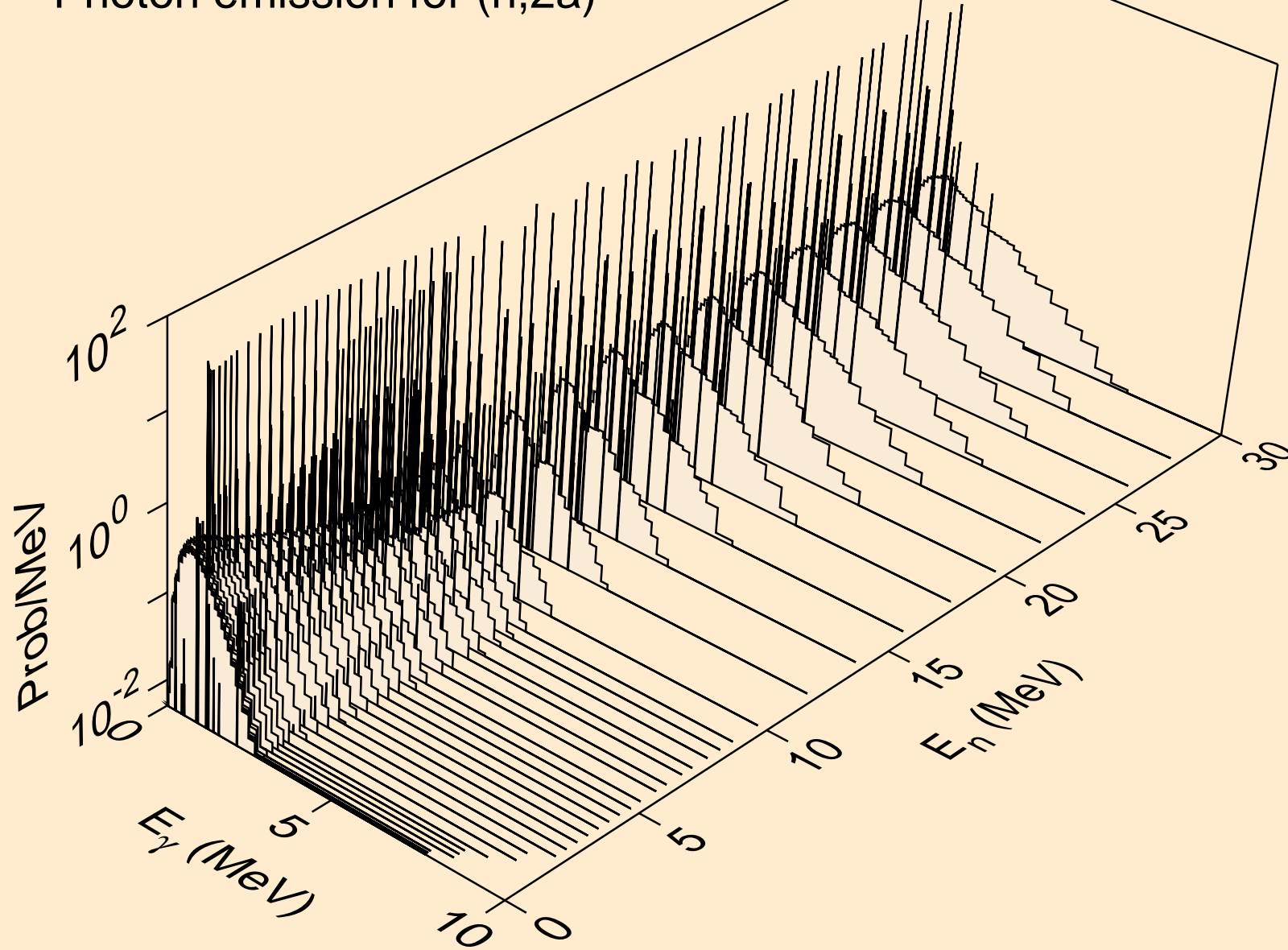


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

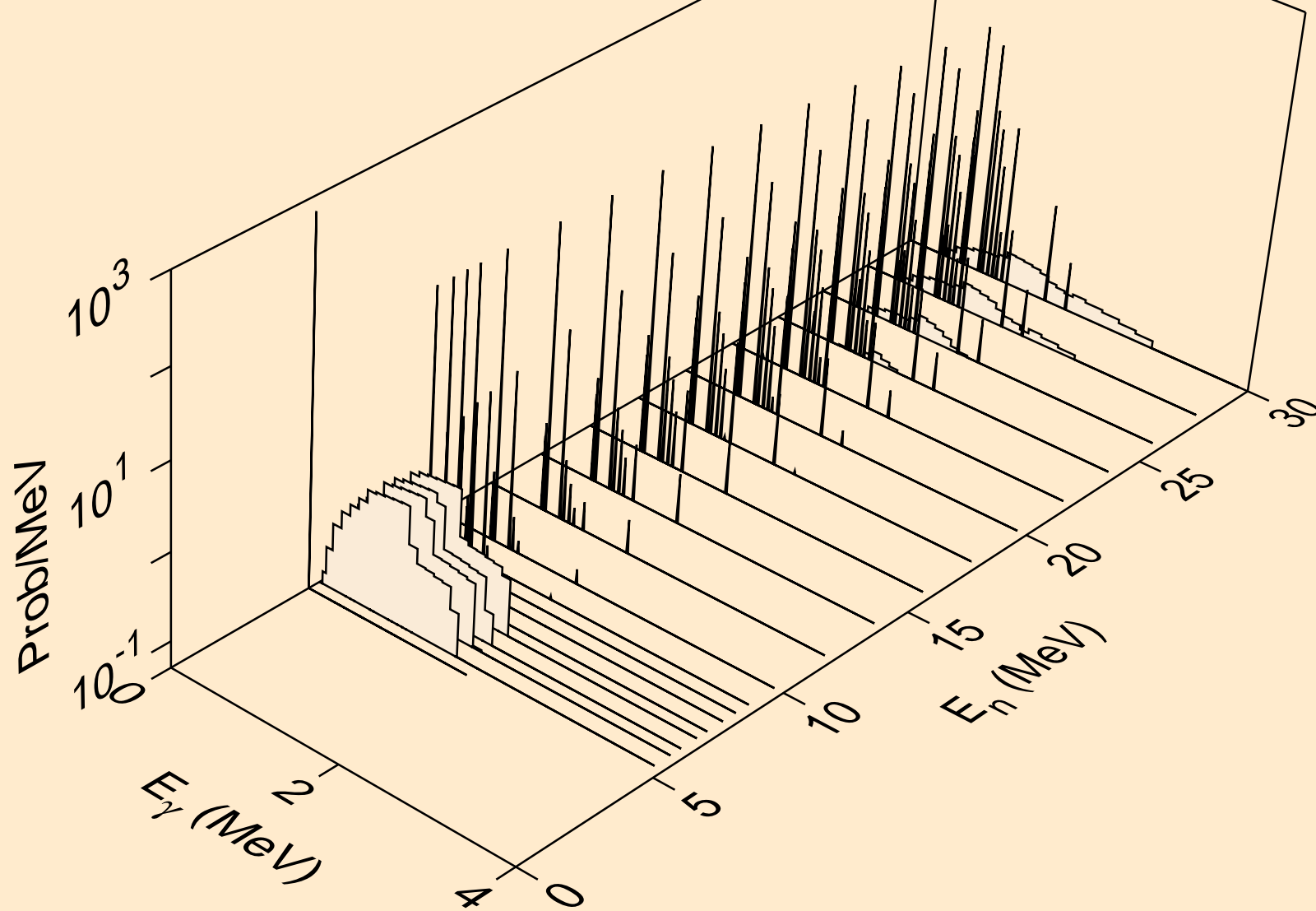




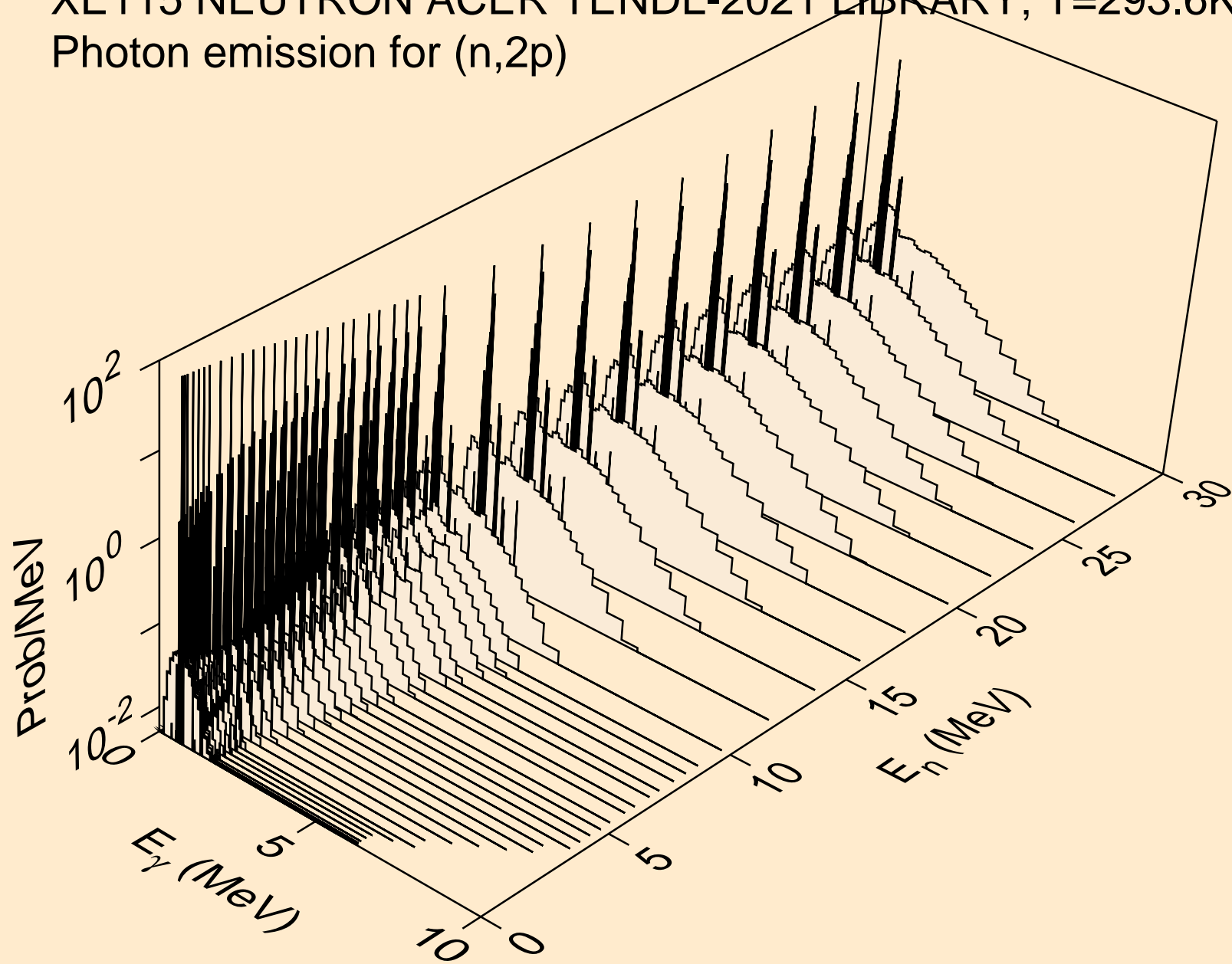
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Photon emission for (n,2a)



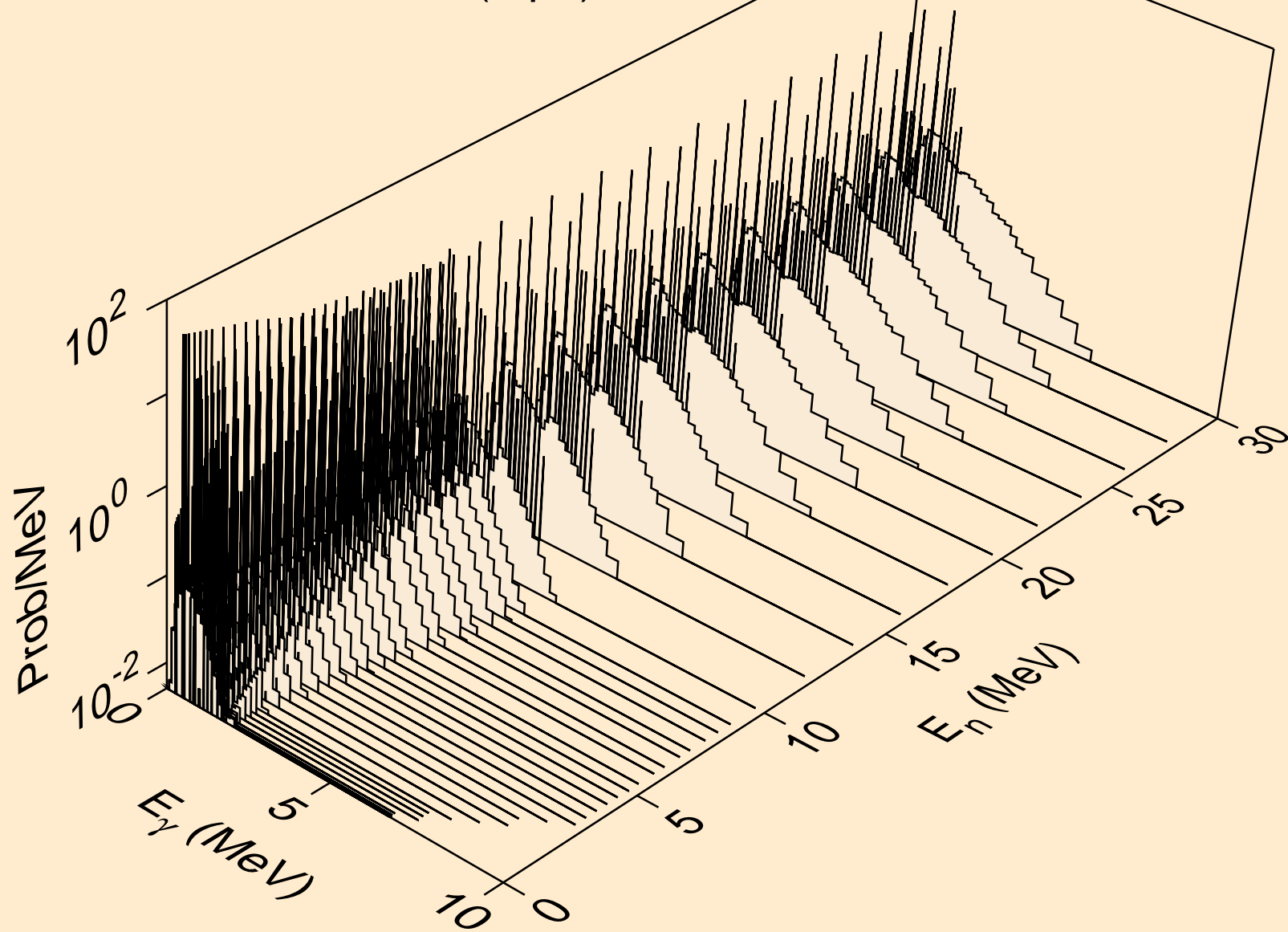
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



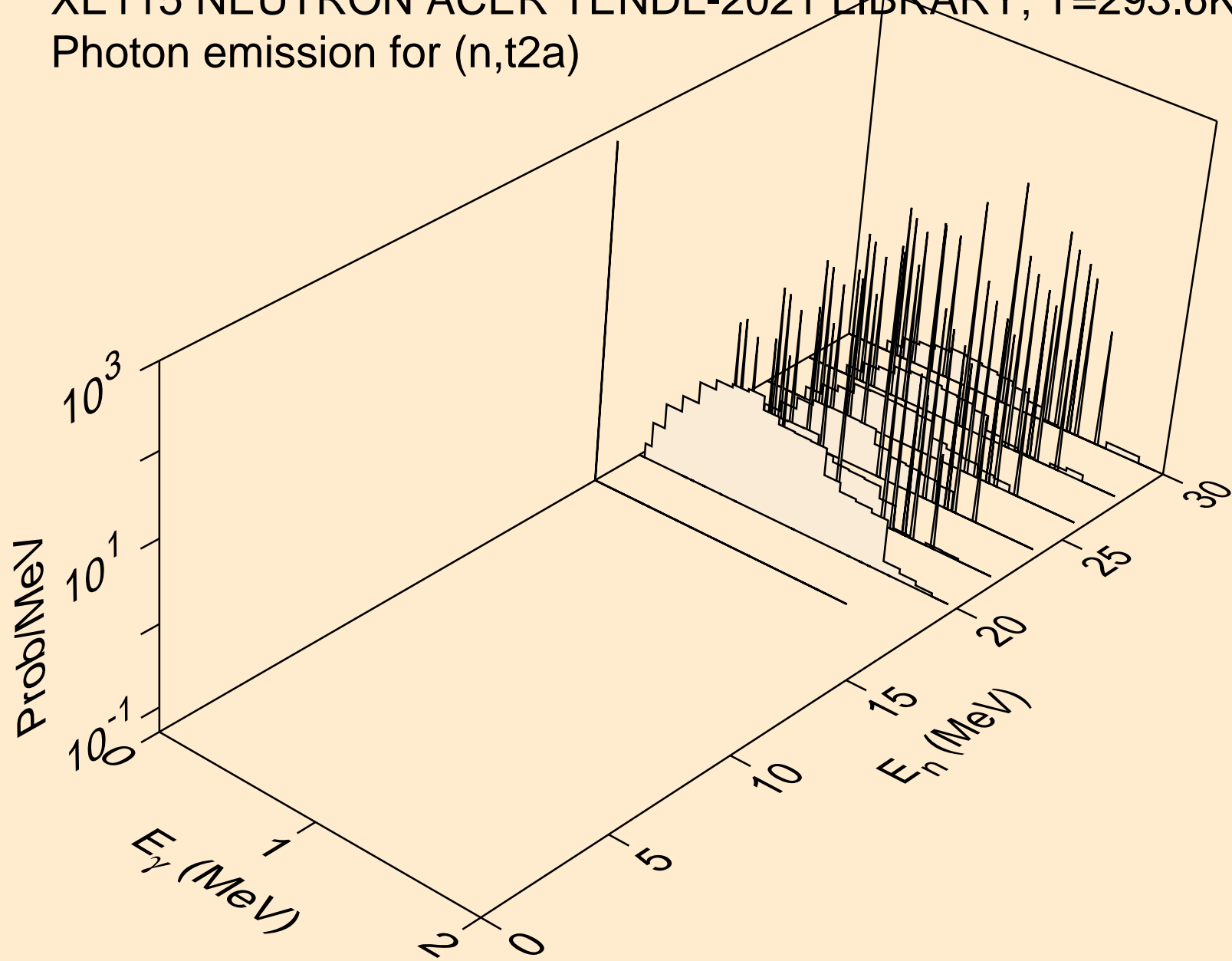
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Photon emission for (n,2p)



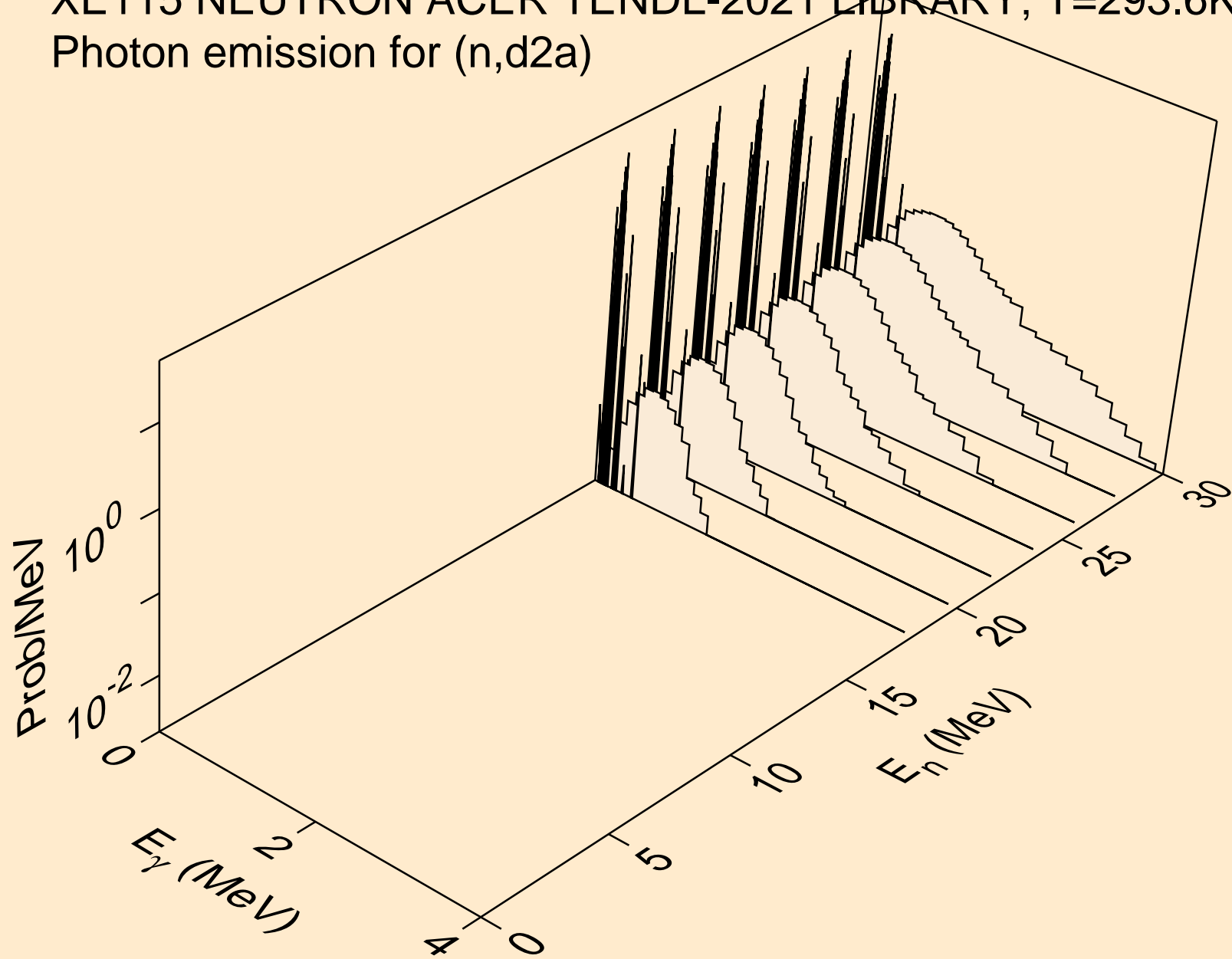
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Photon emission for (n,p $\alpha$ )



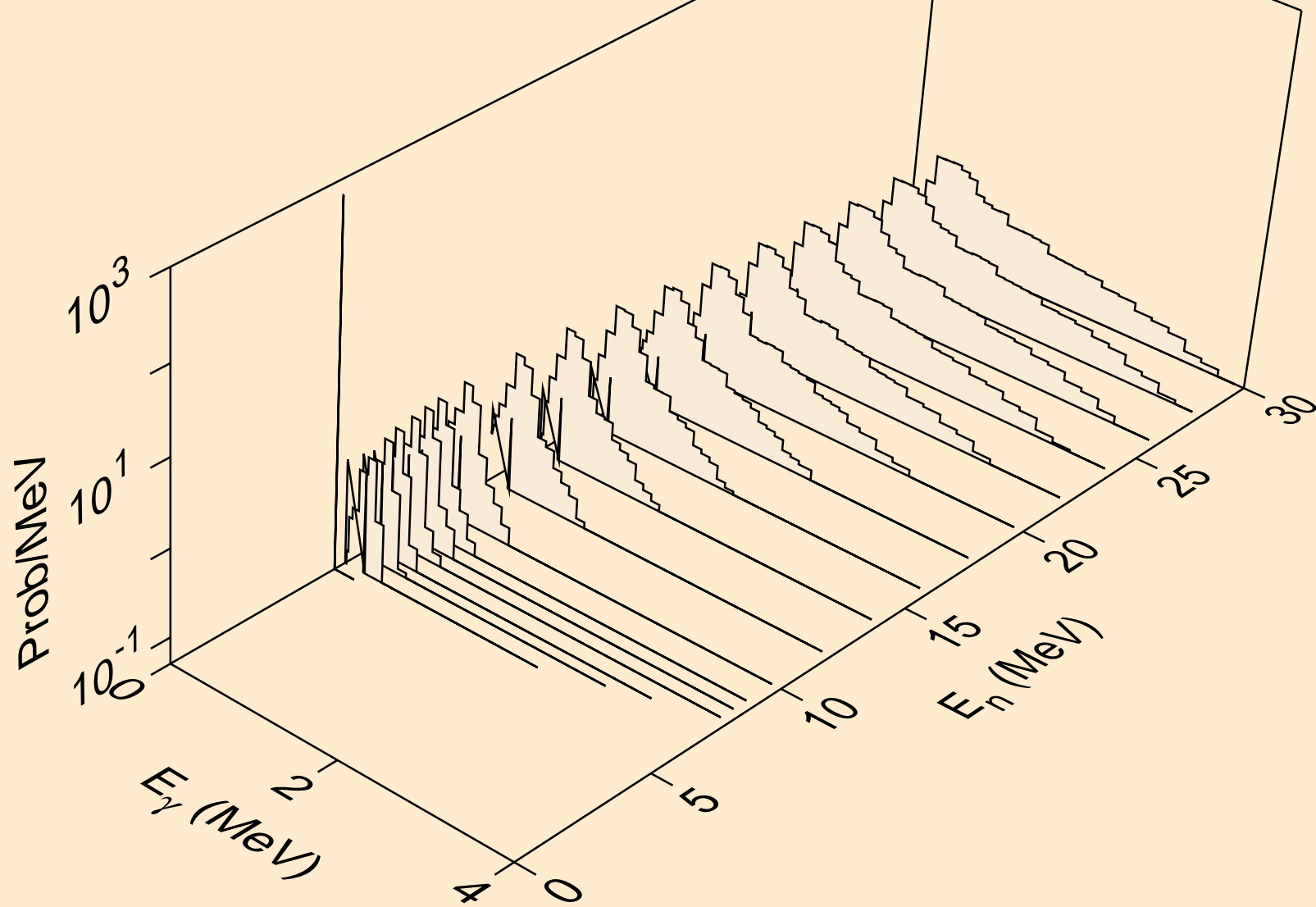
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Photon emission for (n,t2a)



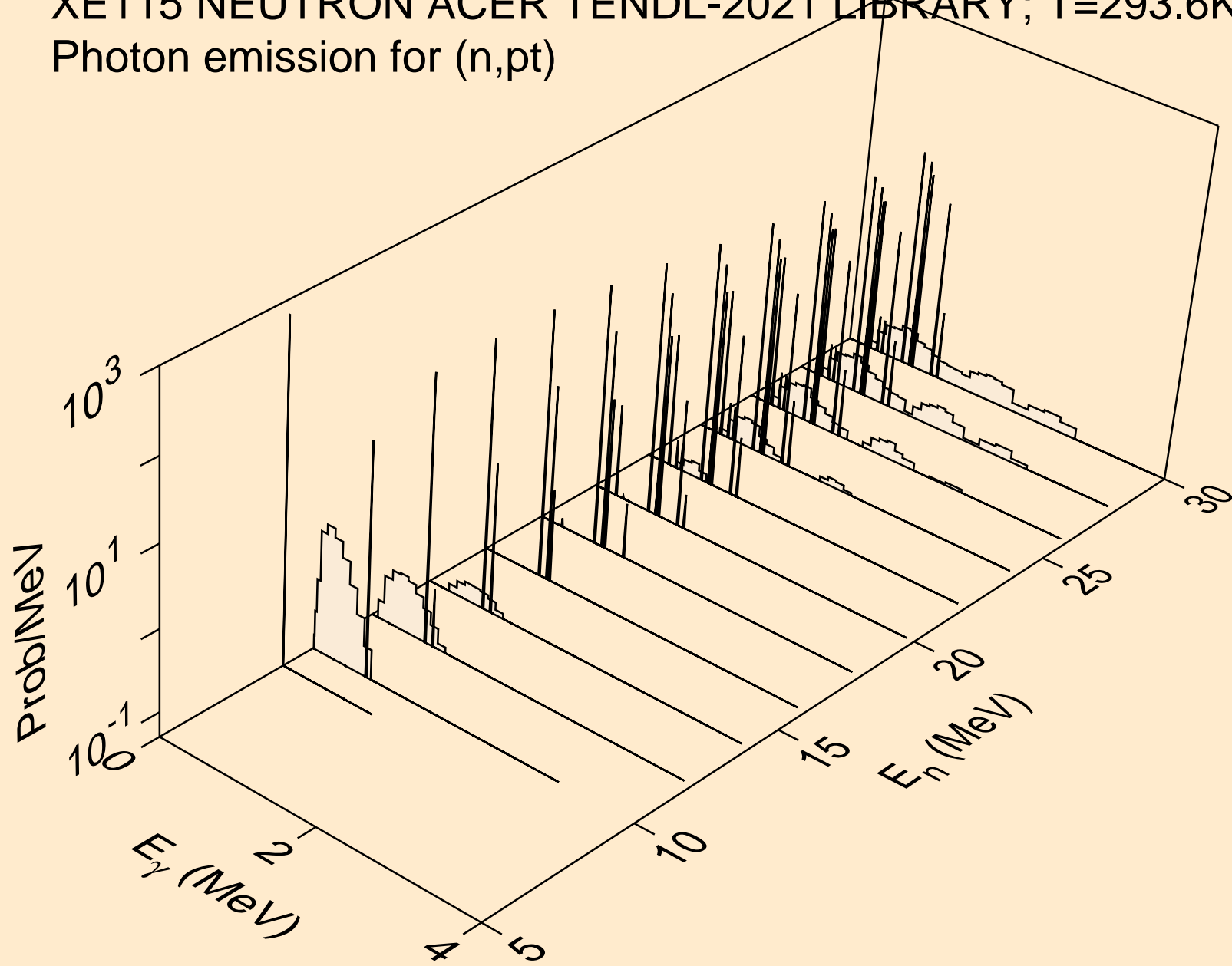
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

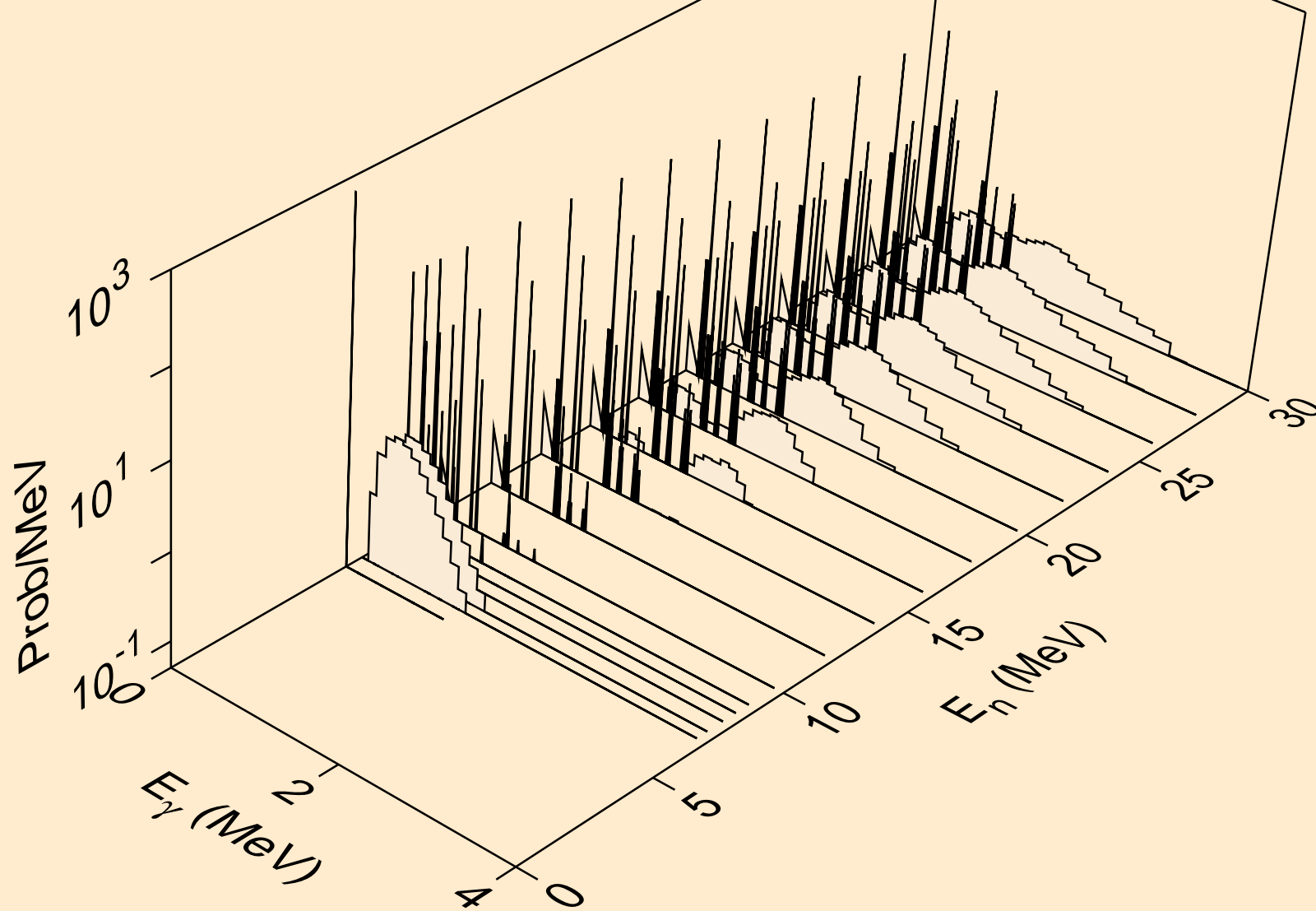


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

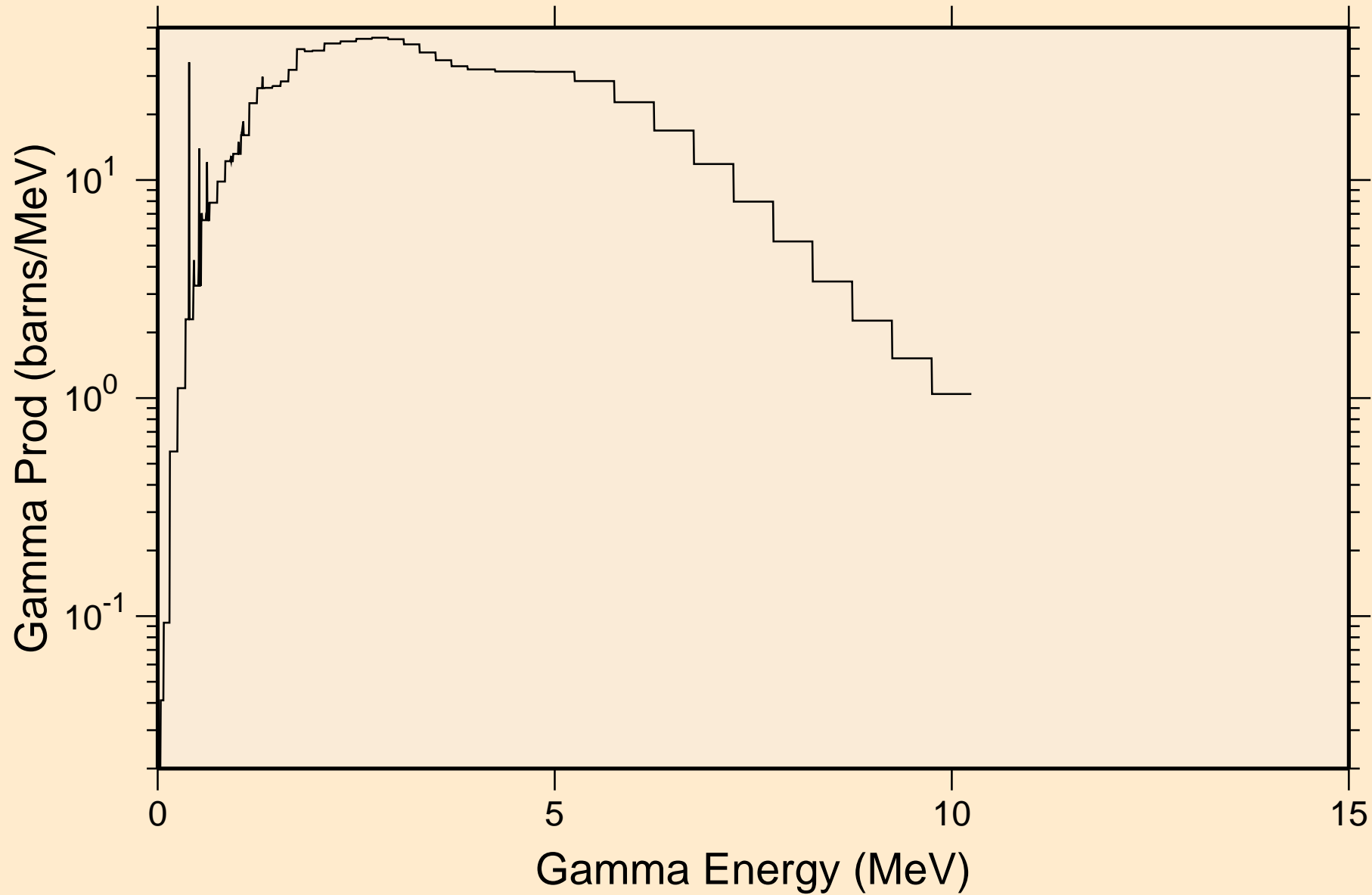




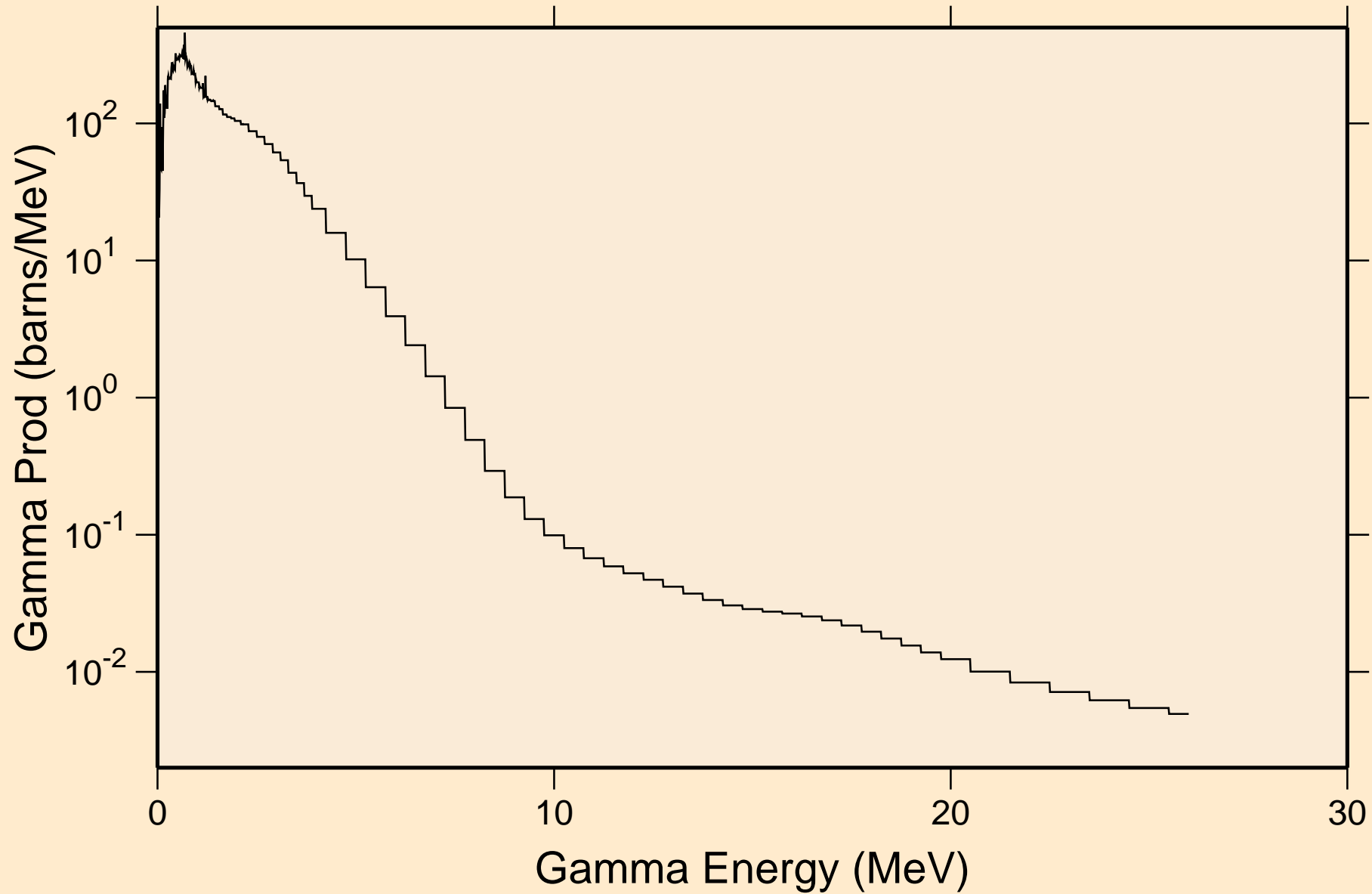
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

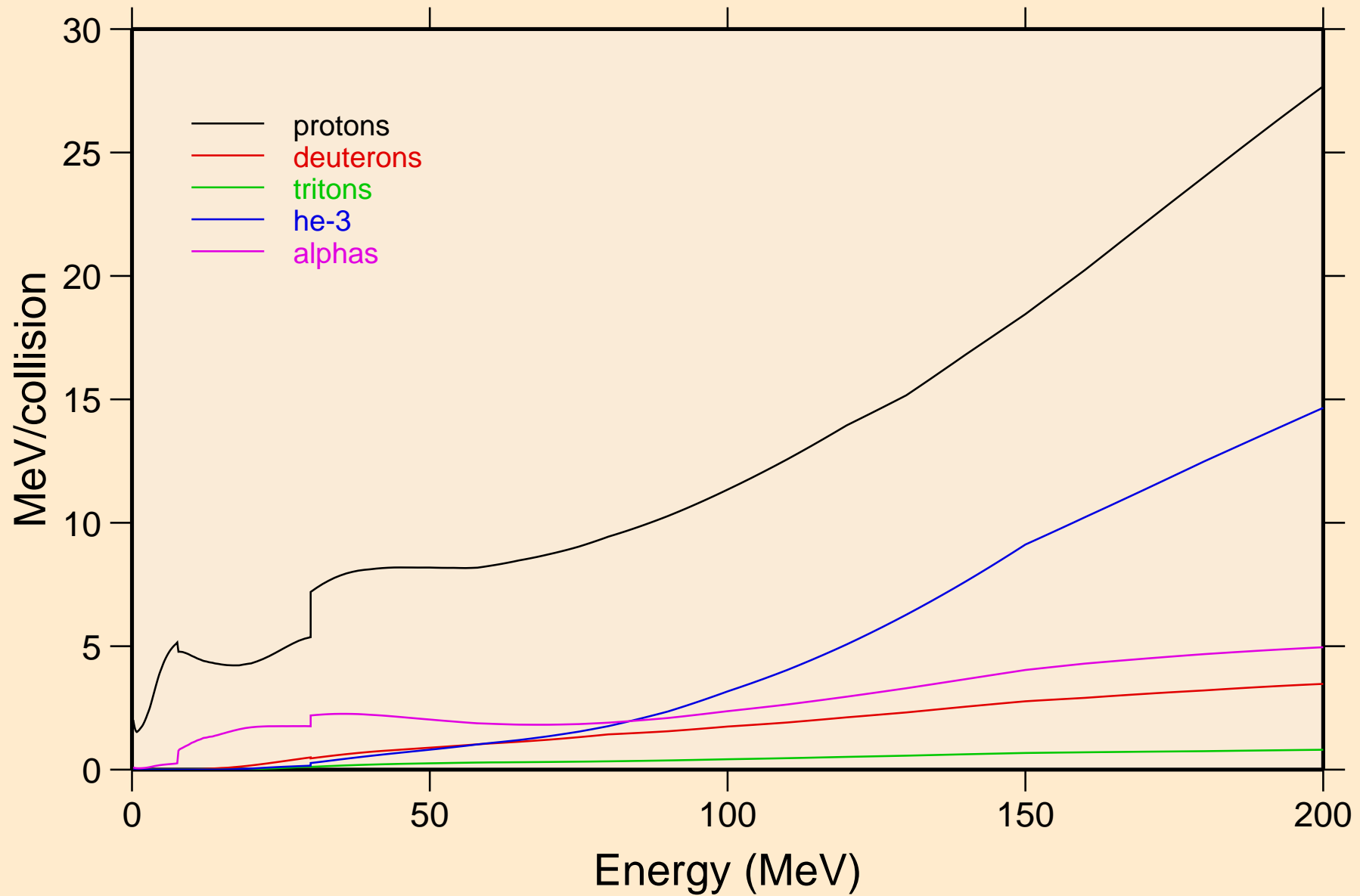


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

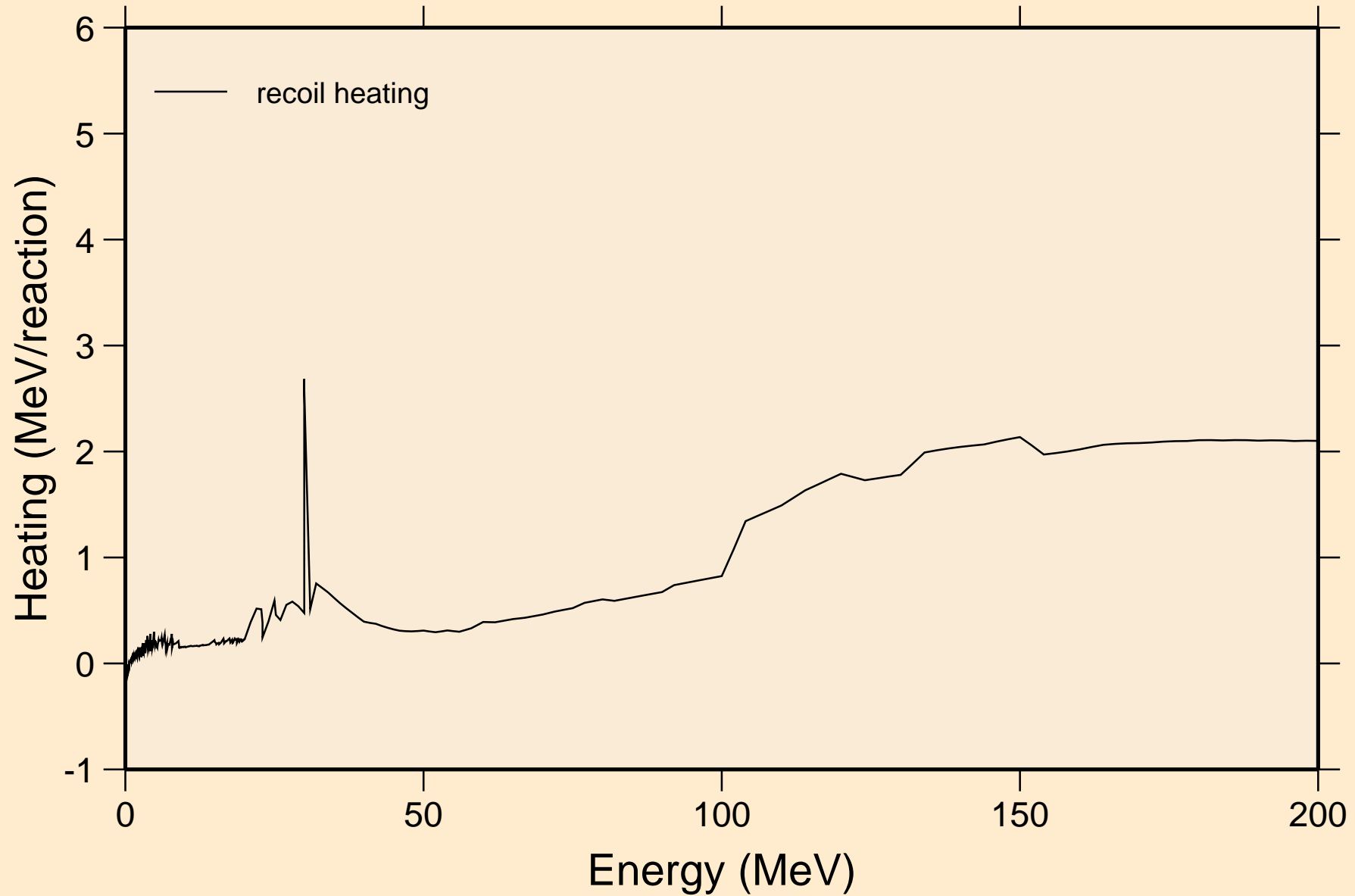


# XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

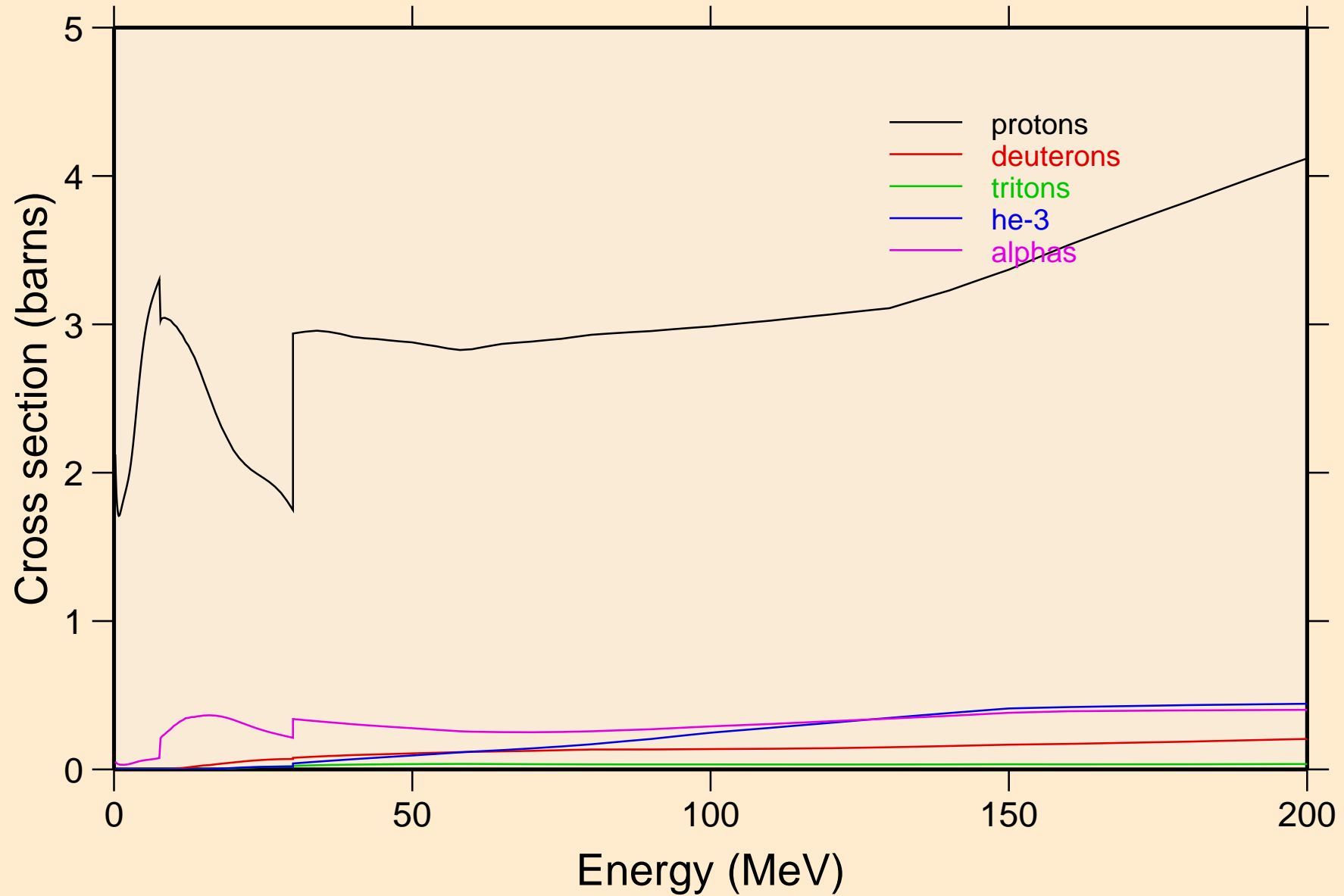
## Particle heating contributions



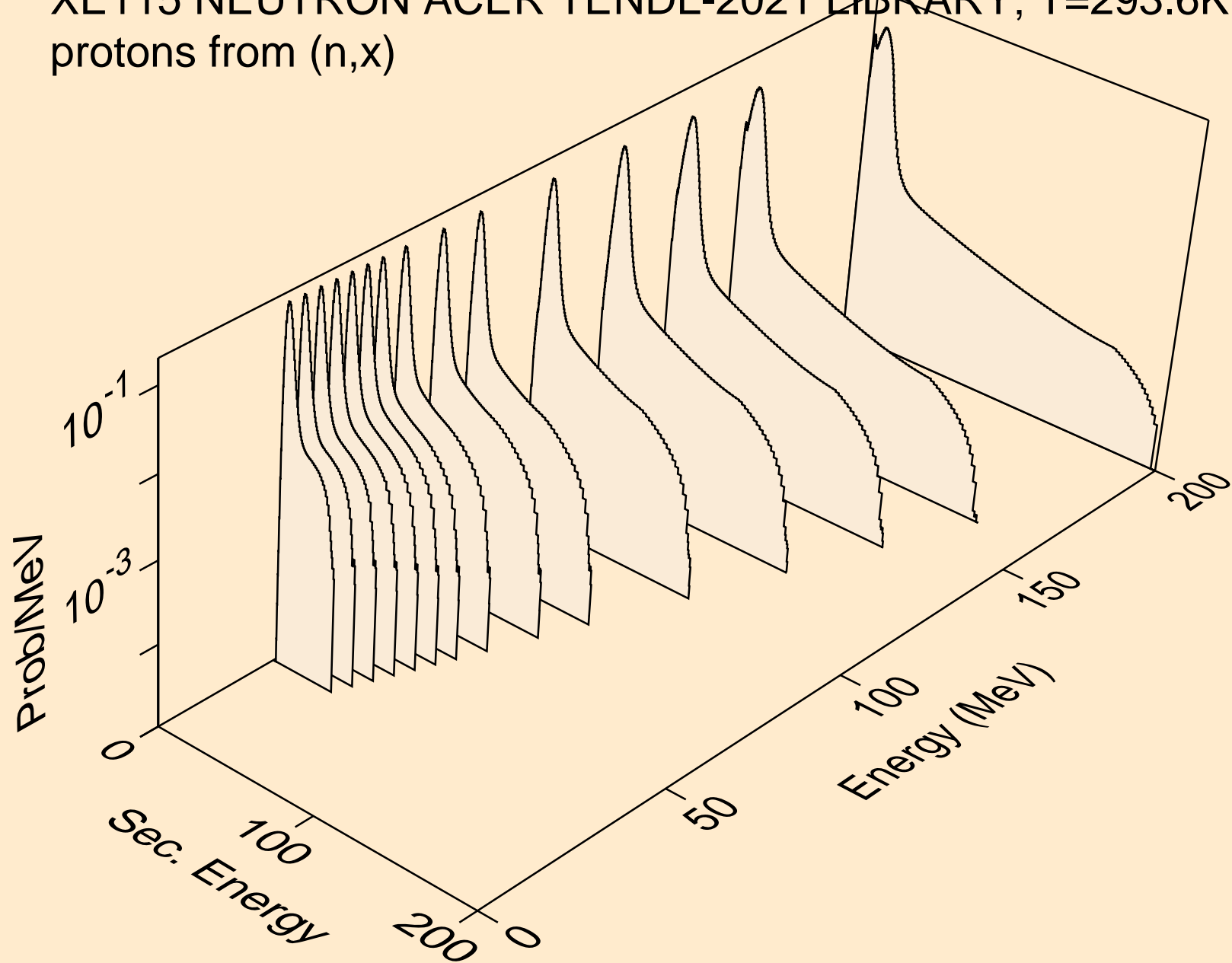
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Recoil Heating



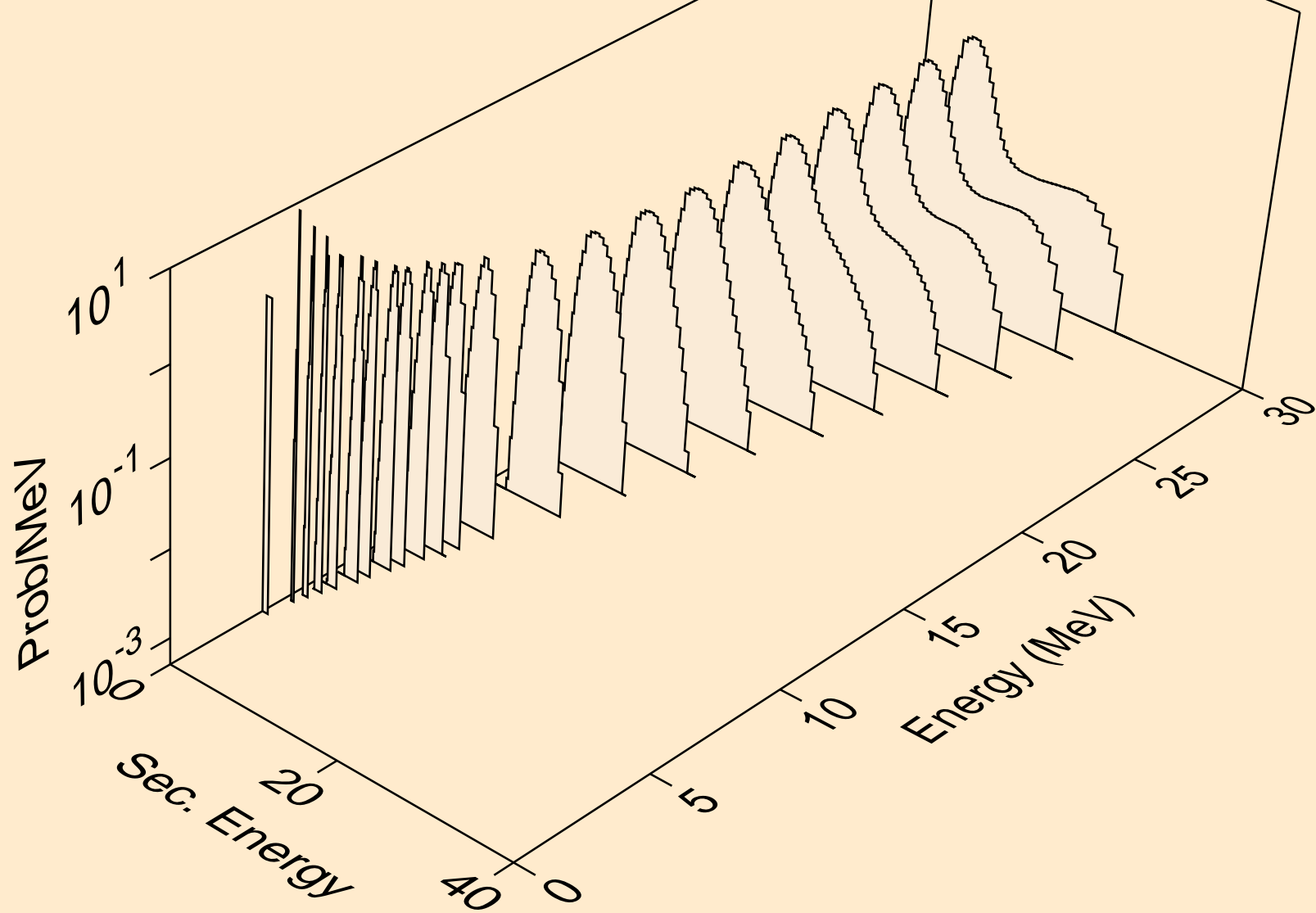
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

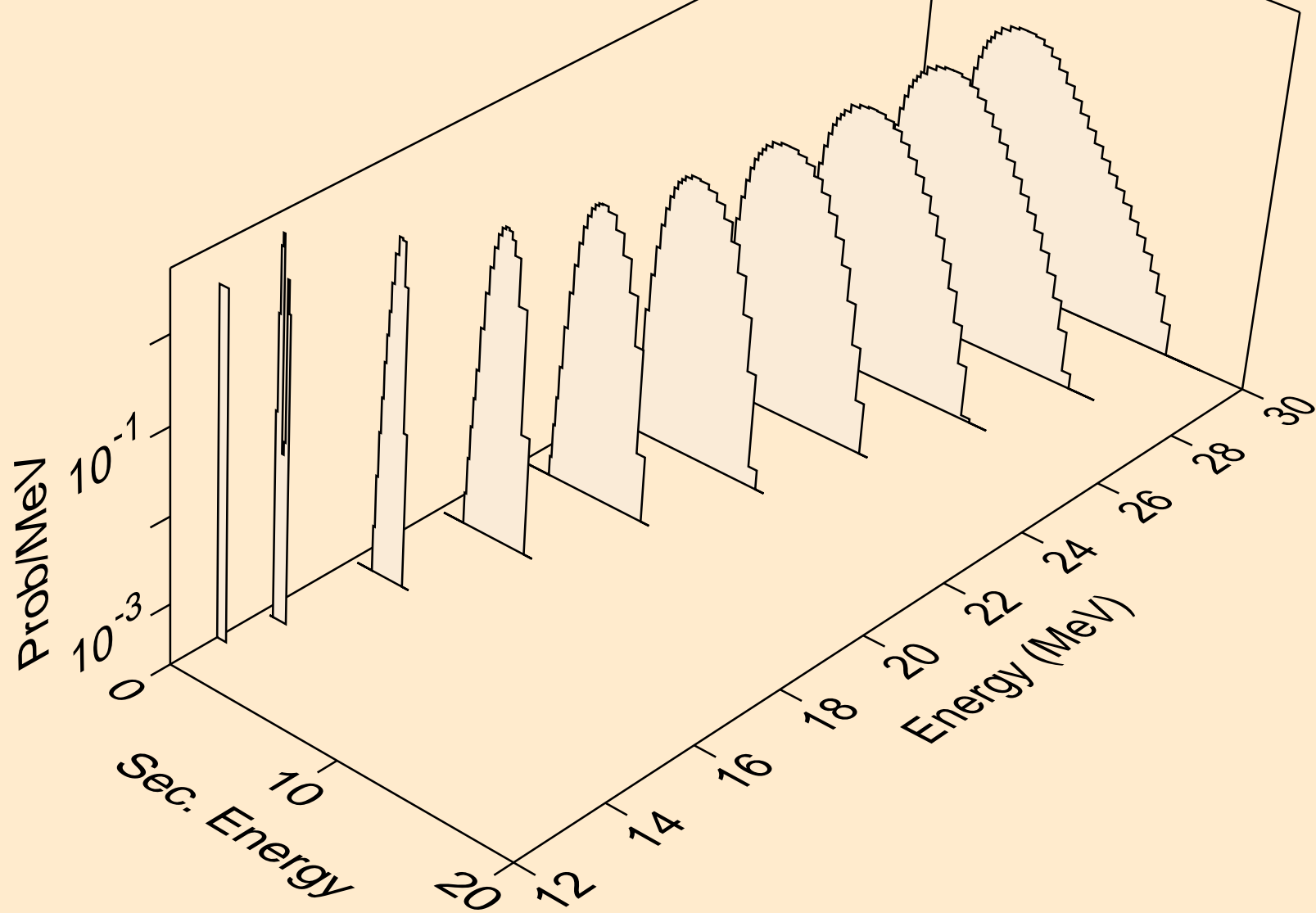


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

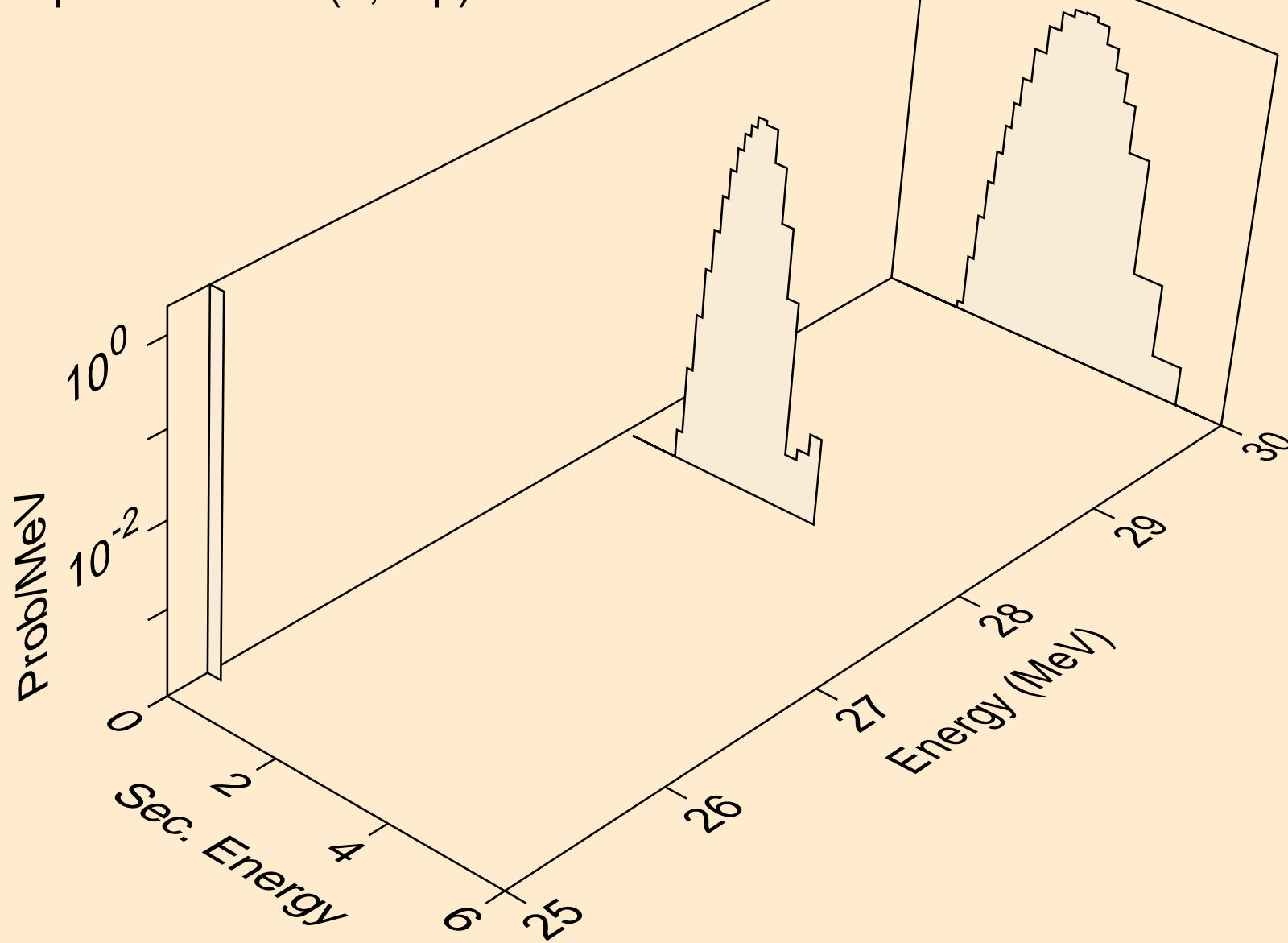




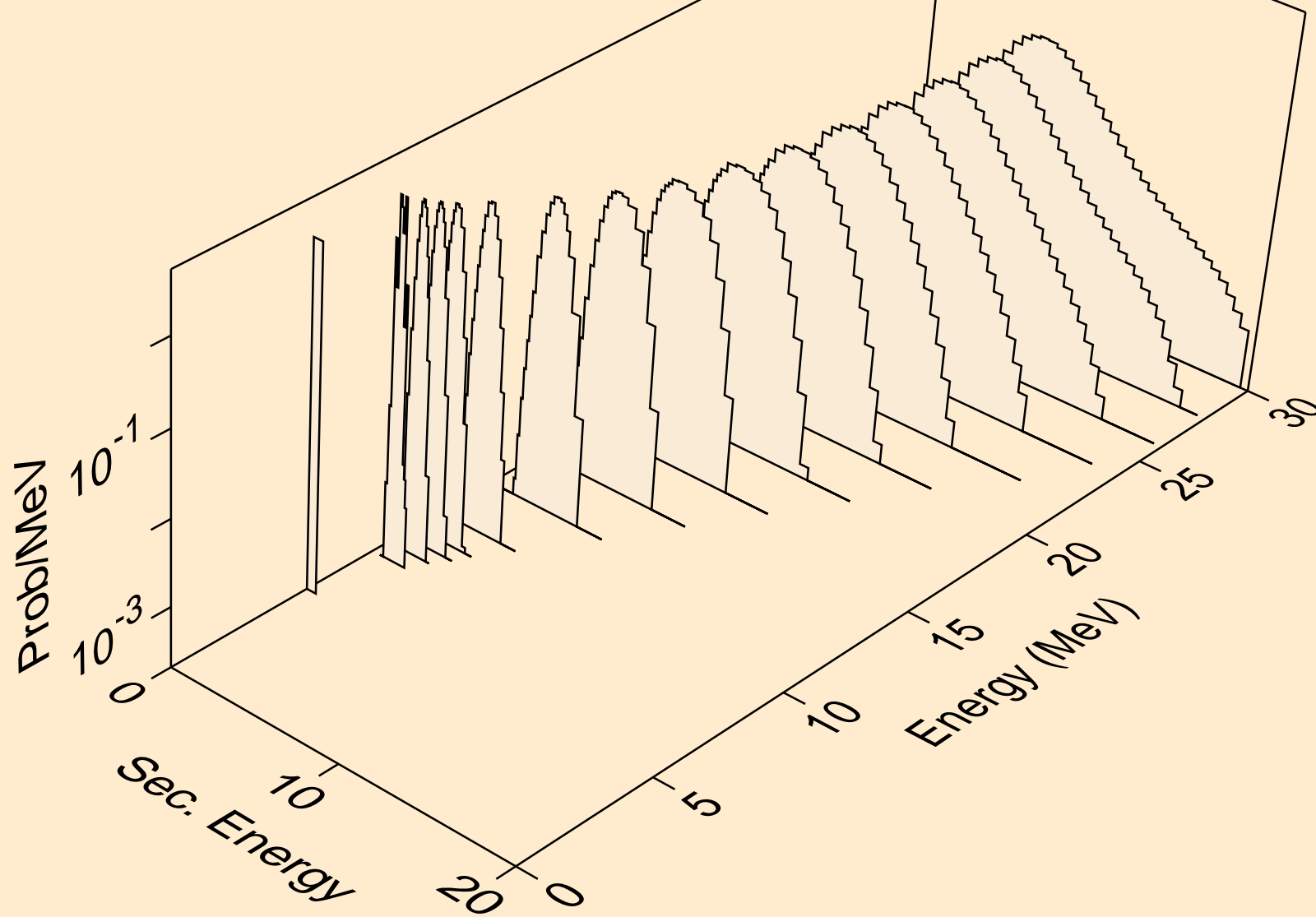
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protons from (n,2np)



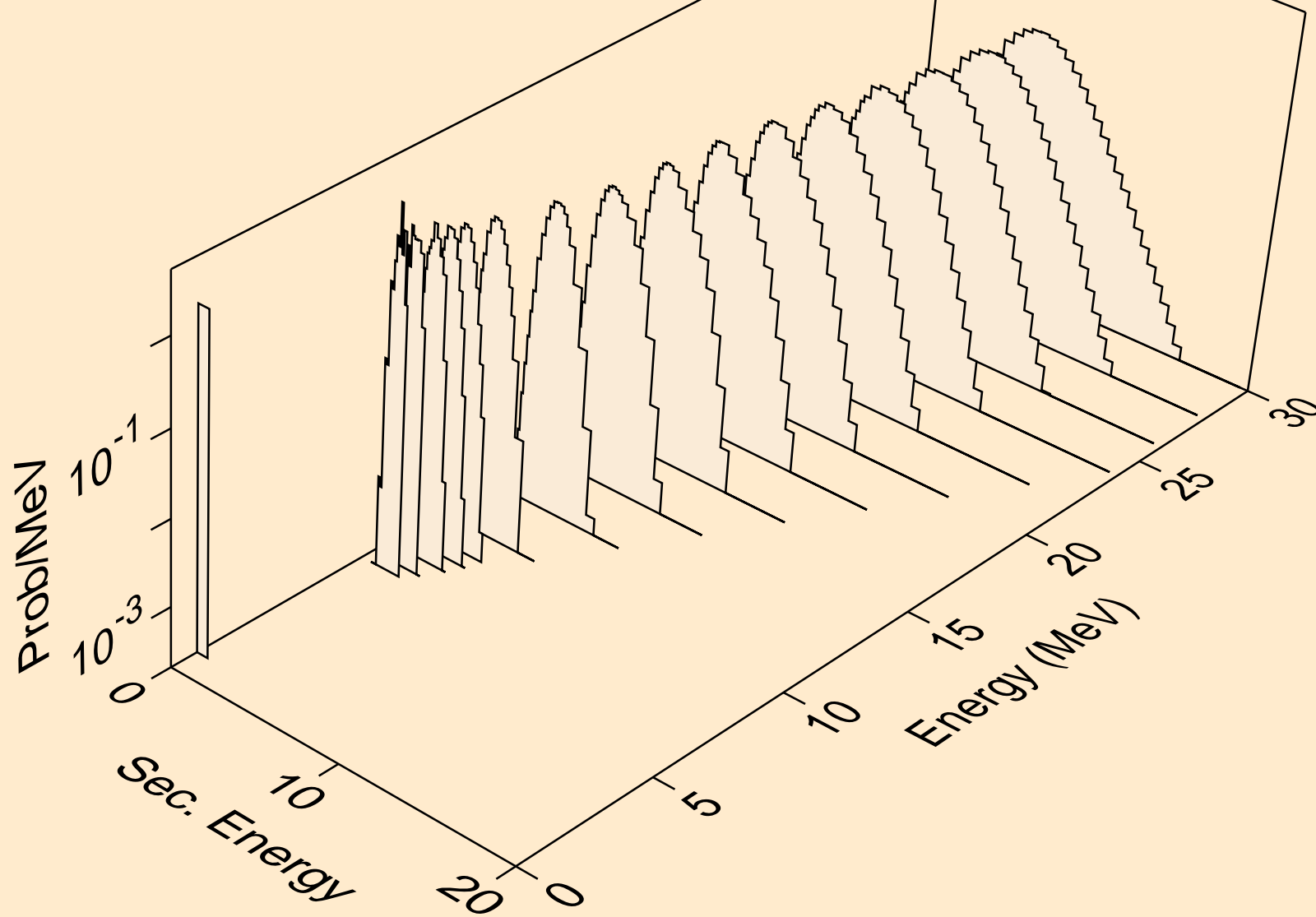
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protons from (n,3np)



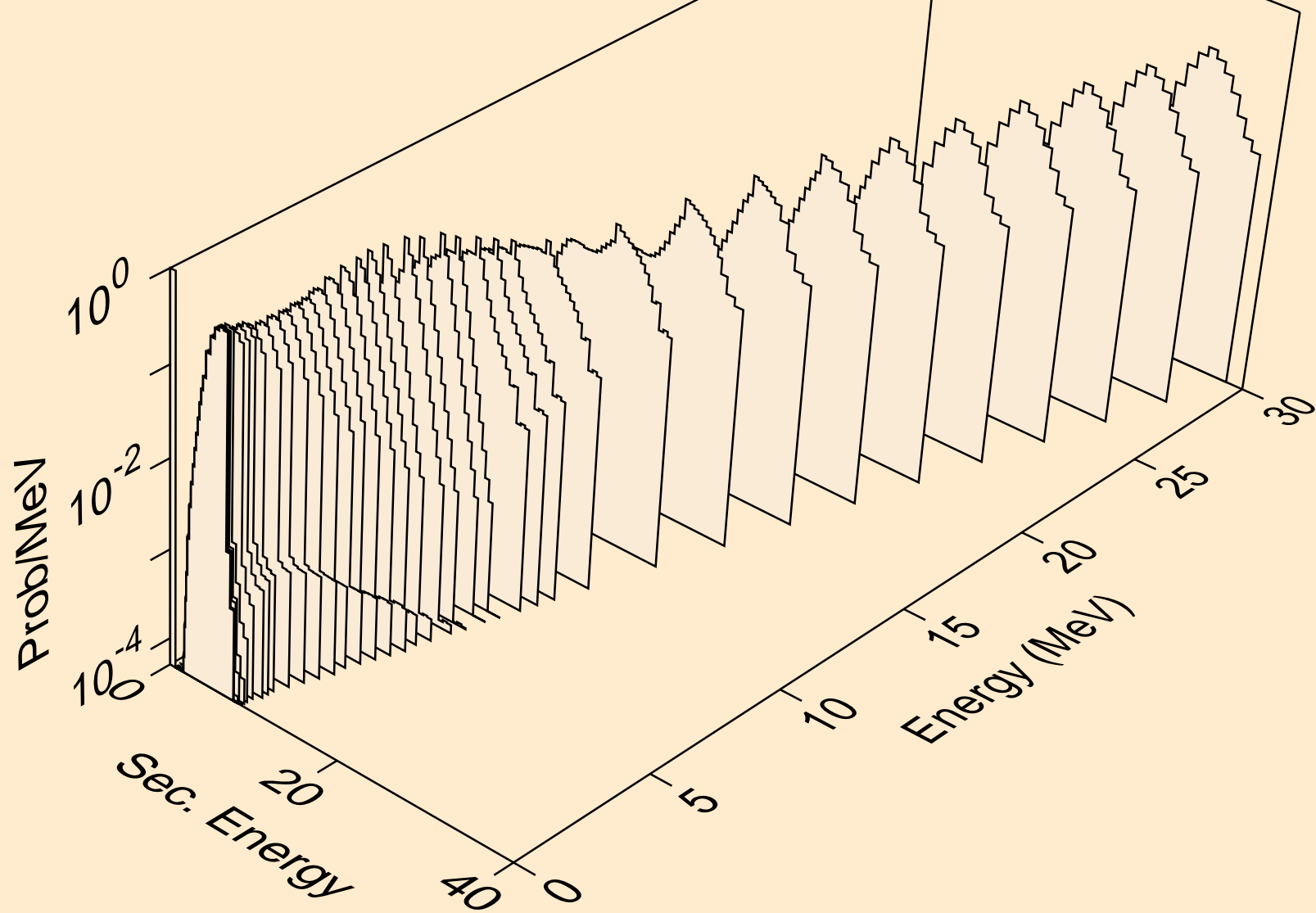
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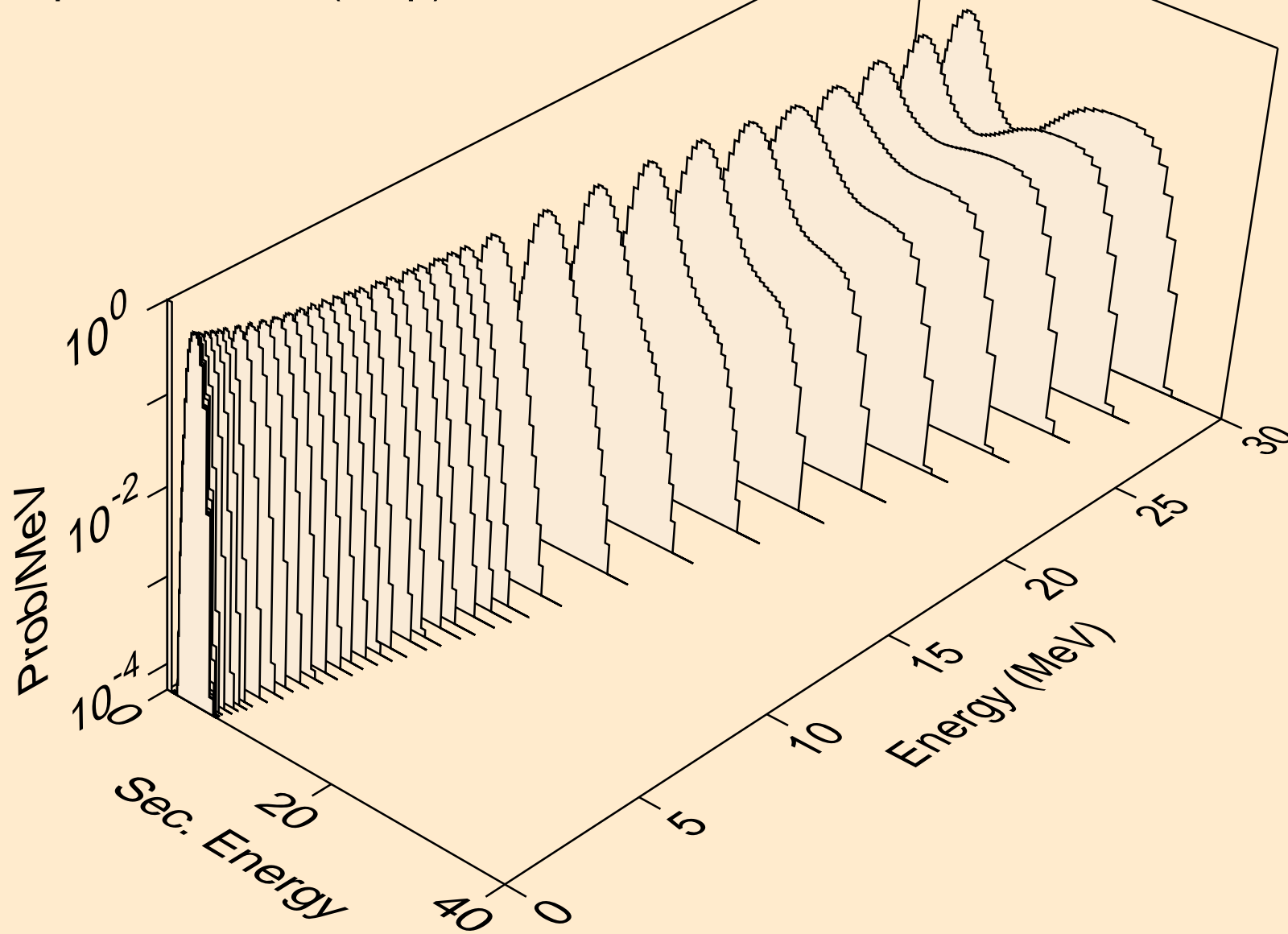
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protons from (n,npa)



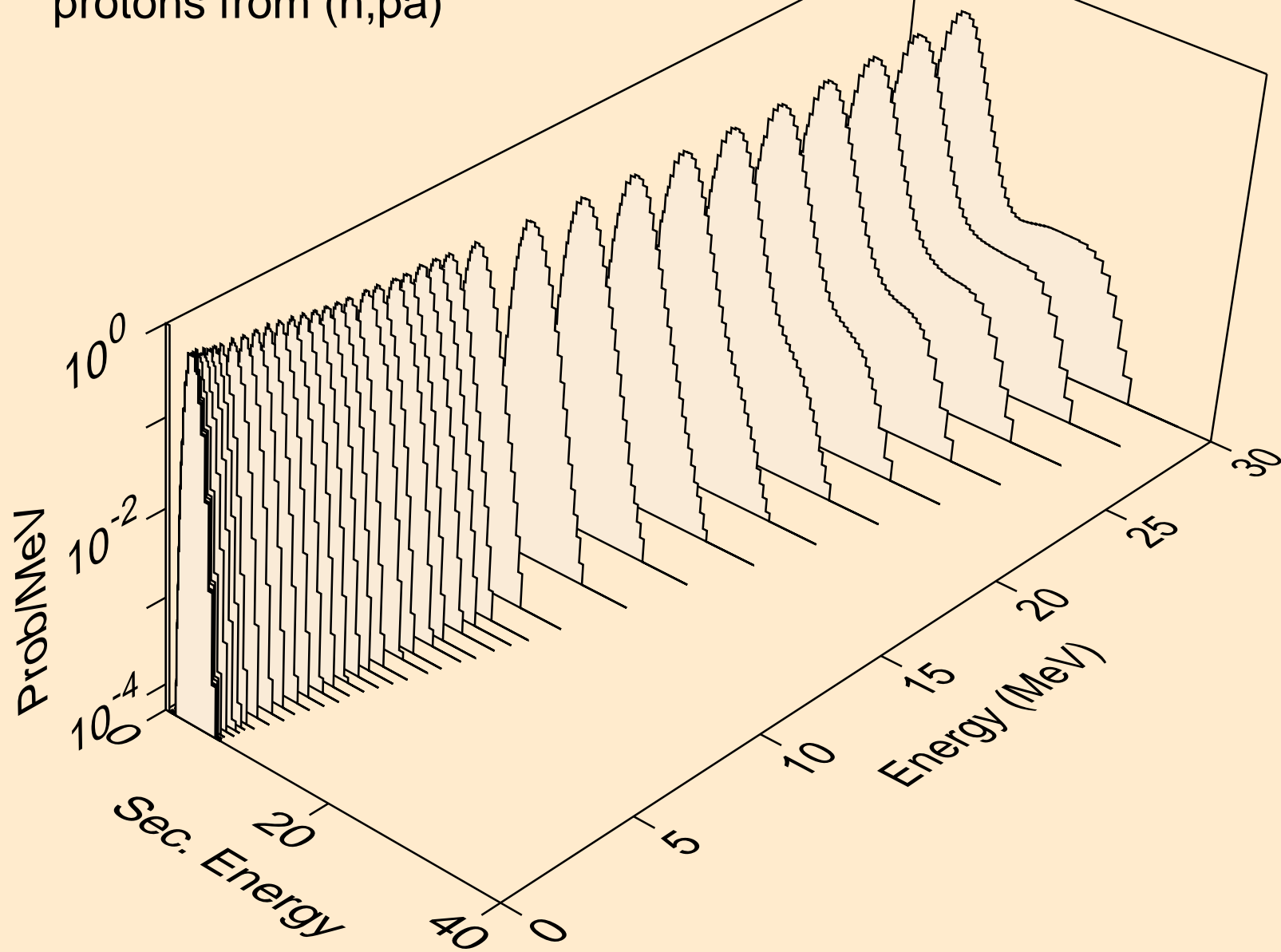
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protons from (n,p)



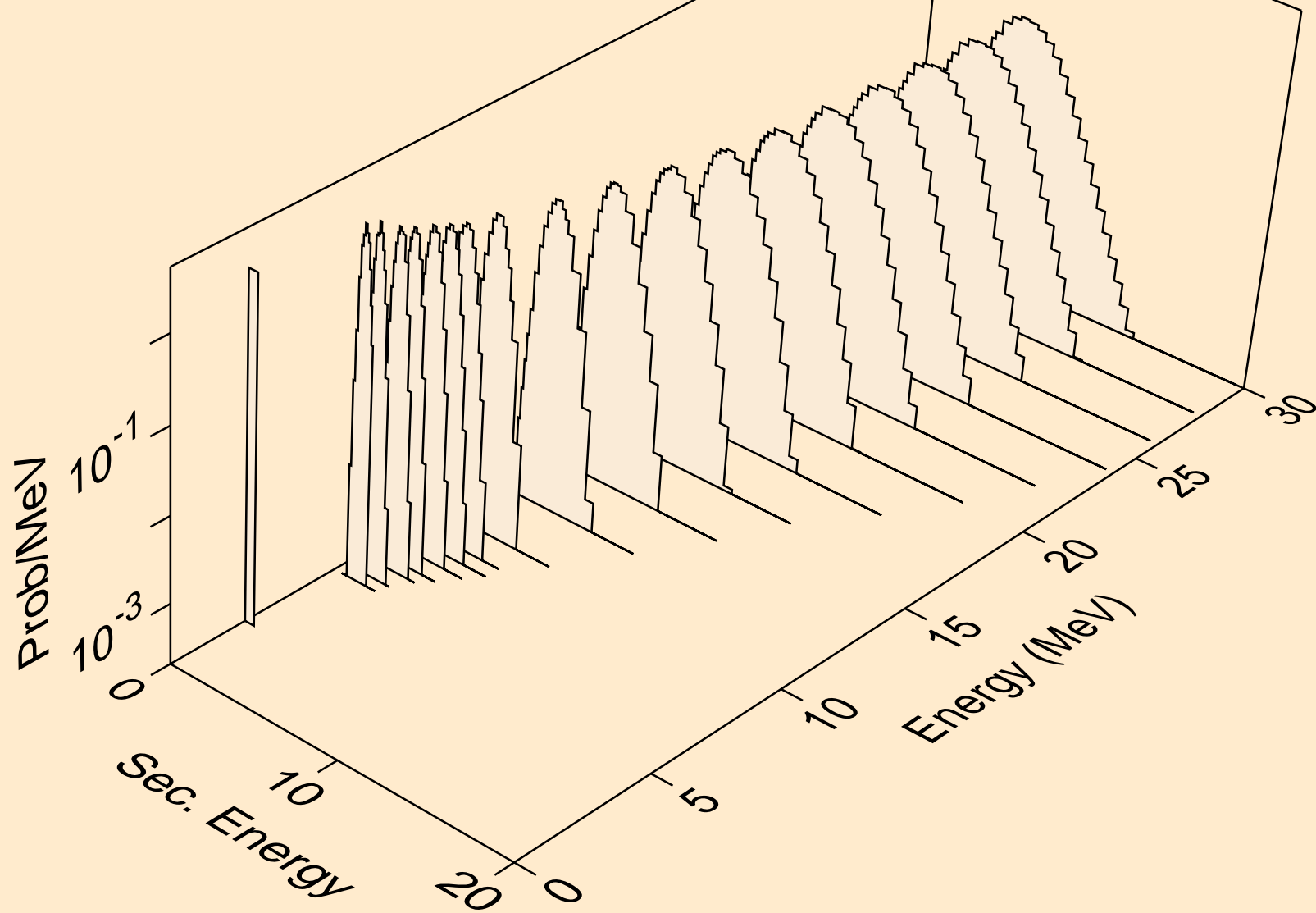
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

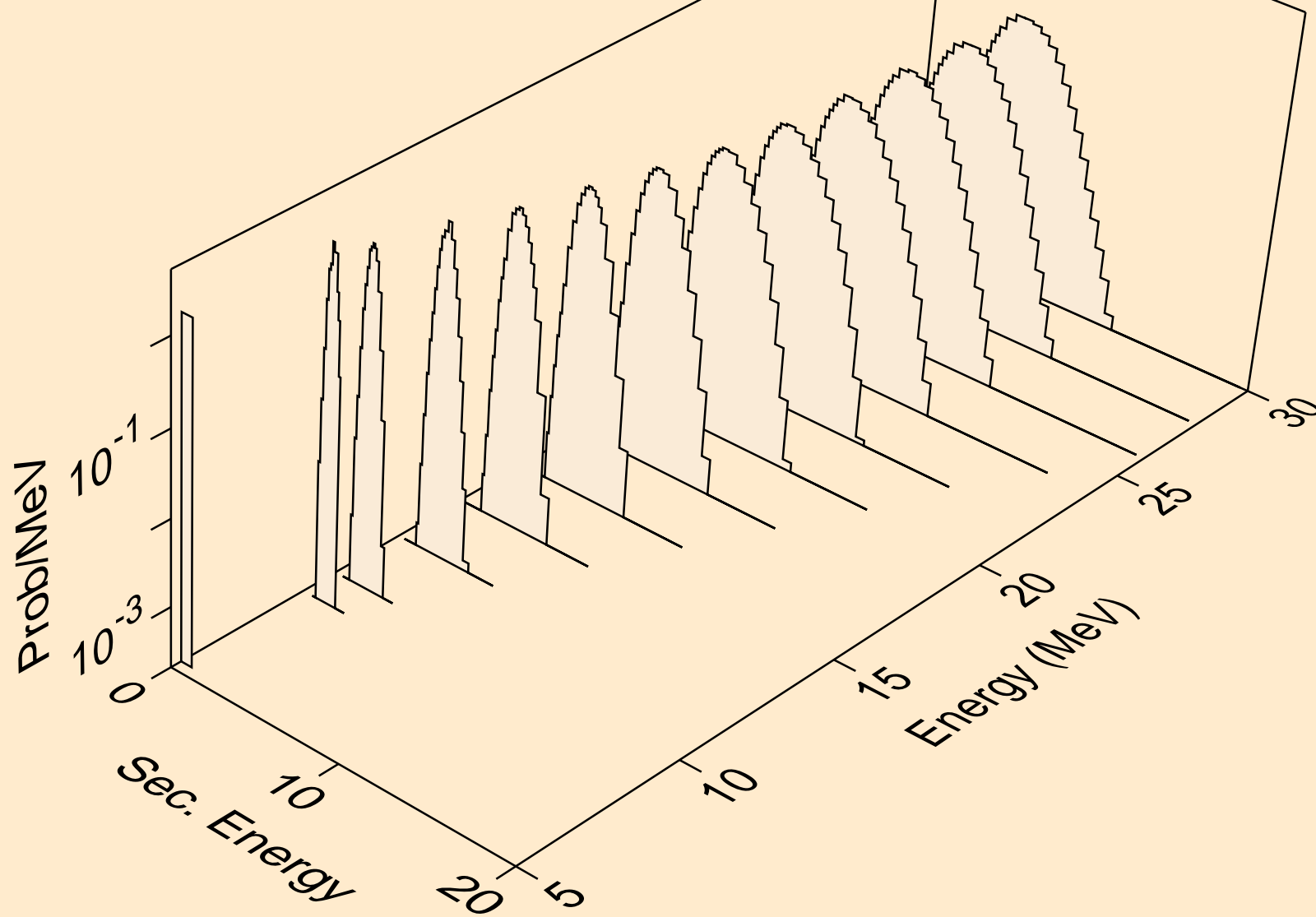


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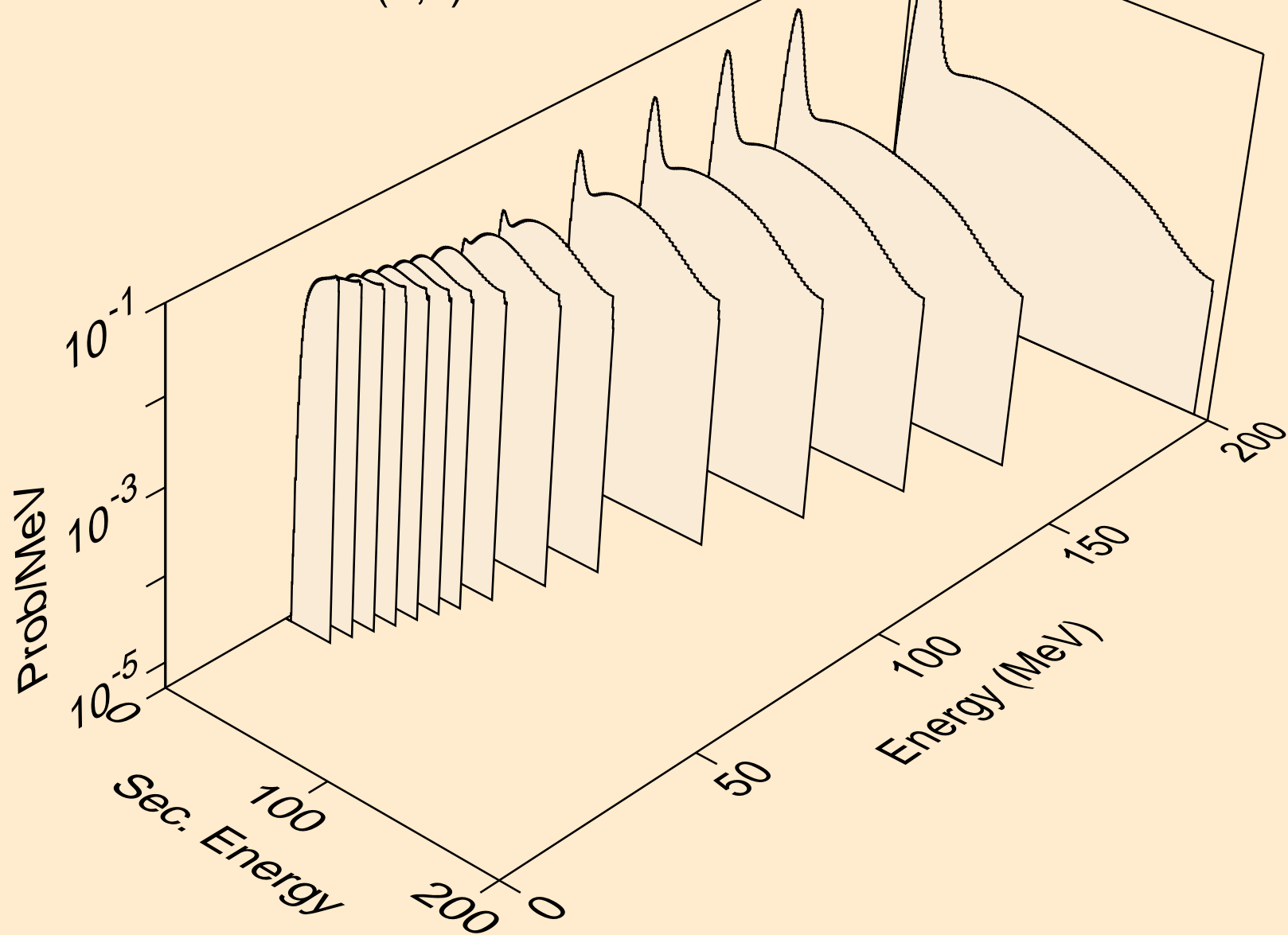




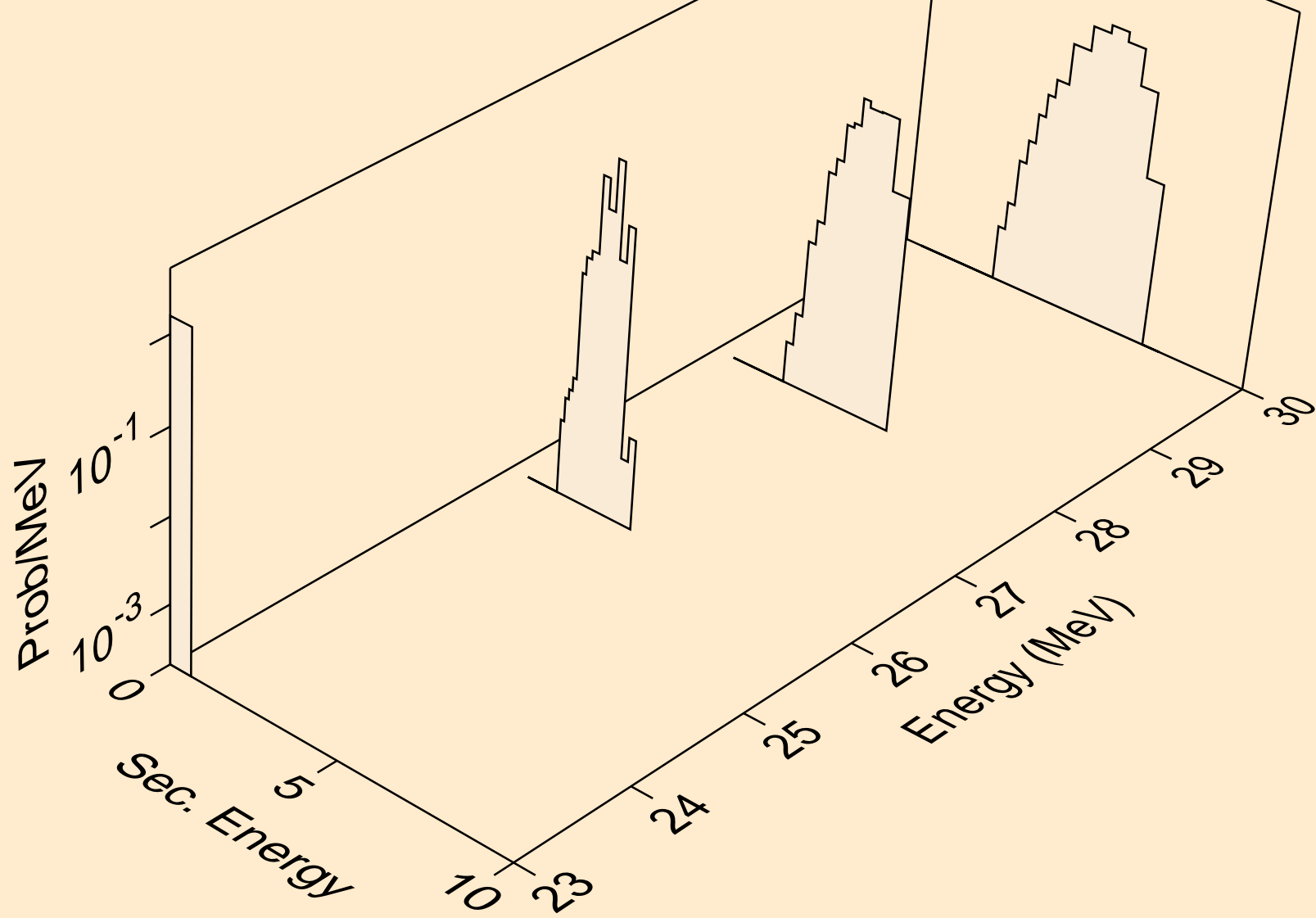
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protons from (n,pt)



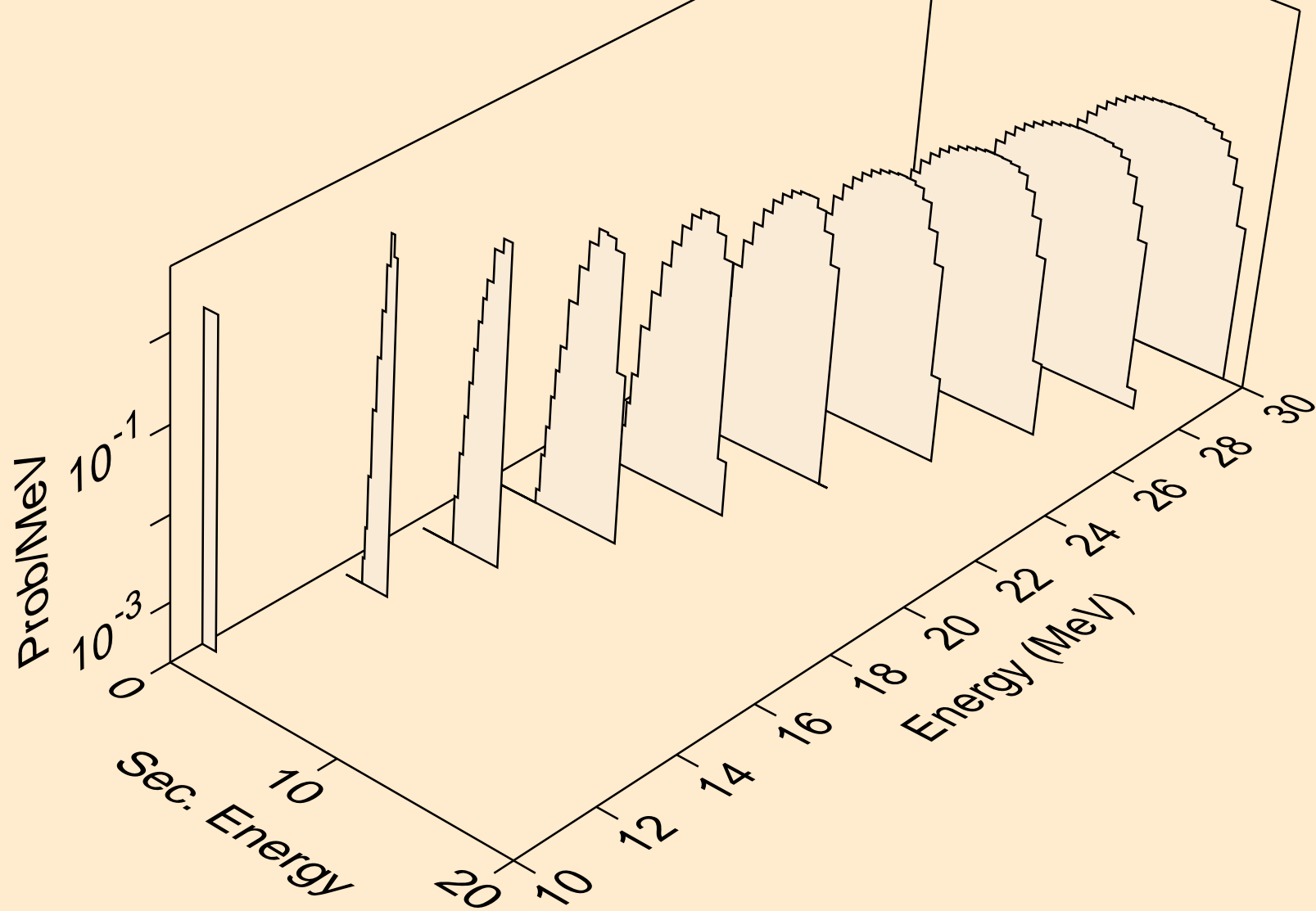
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deuterons from (n,x)



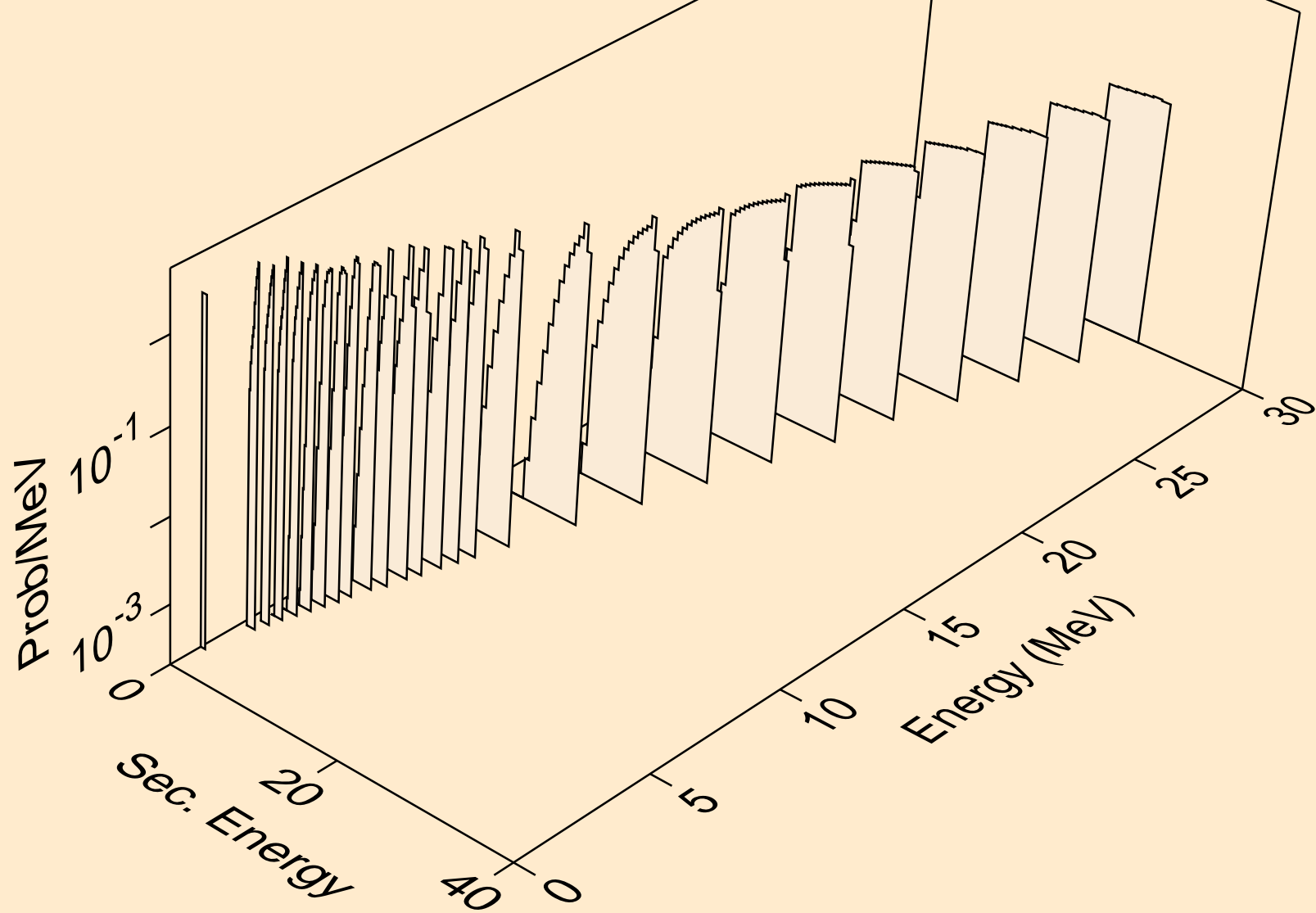
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deuterons from (n,2nd)



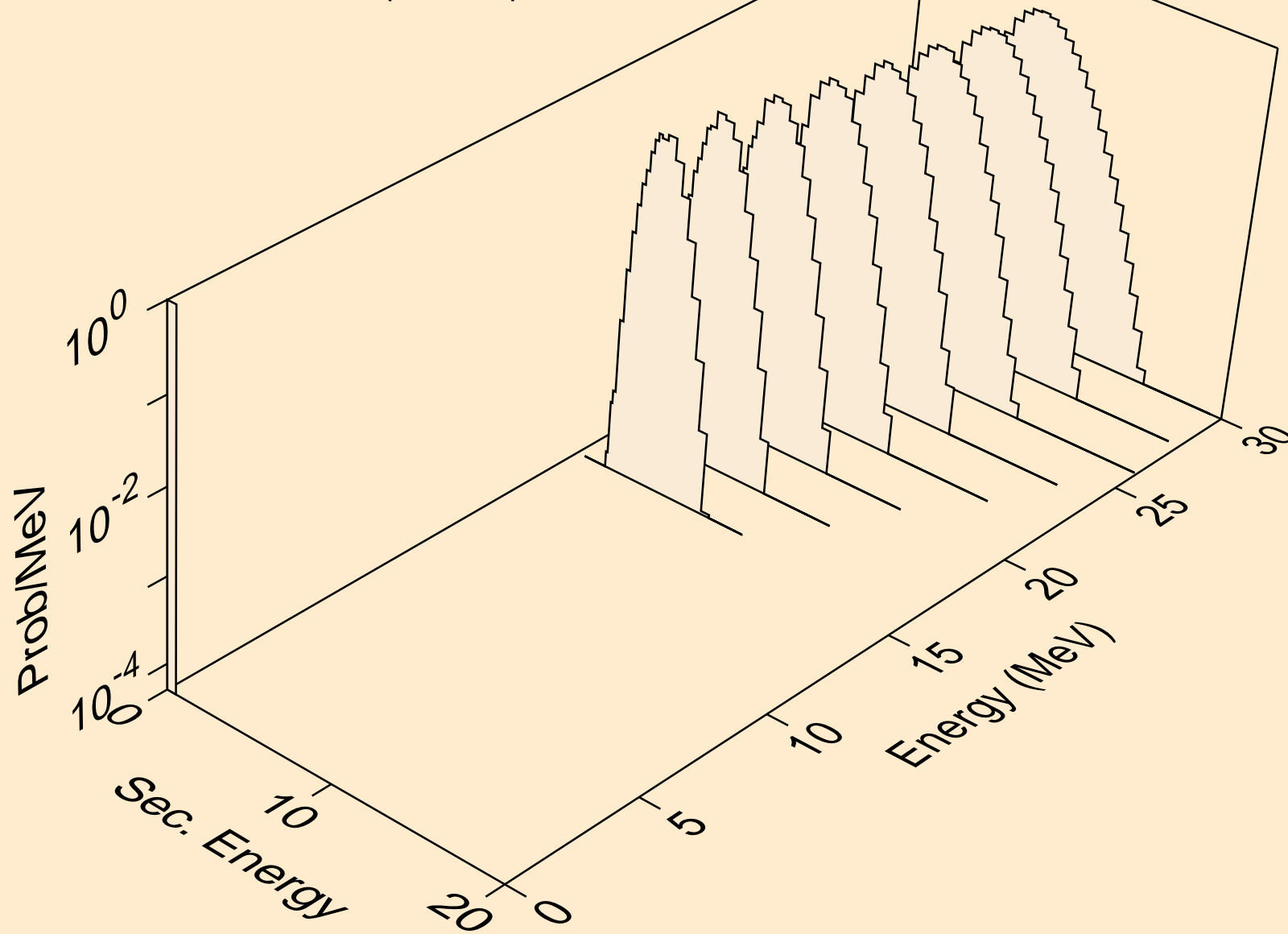
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deuterons from (n,n\*)d



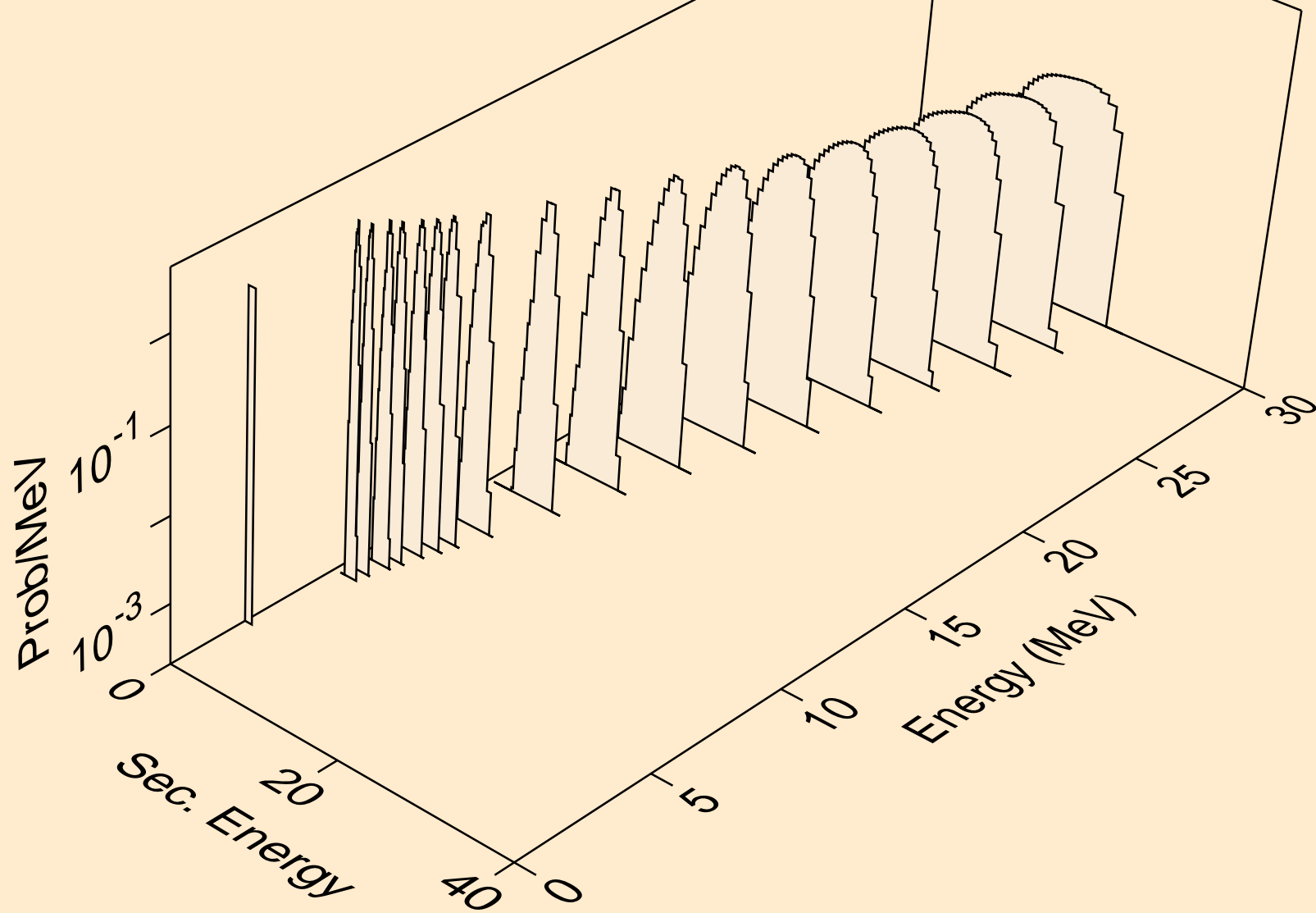
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deuterons from (n,d)



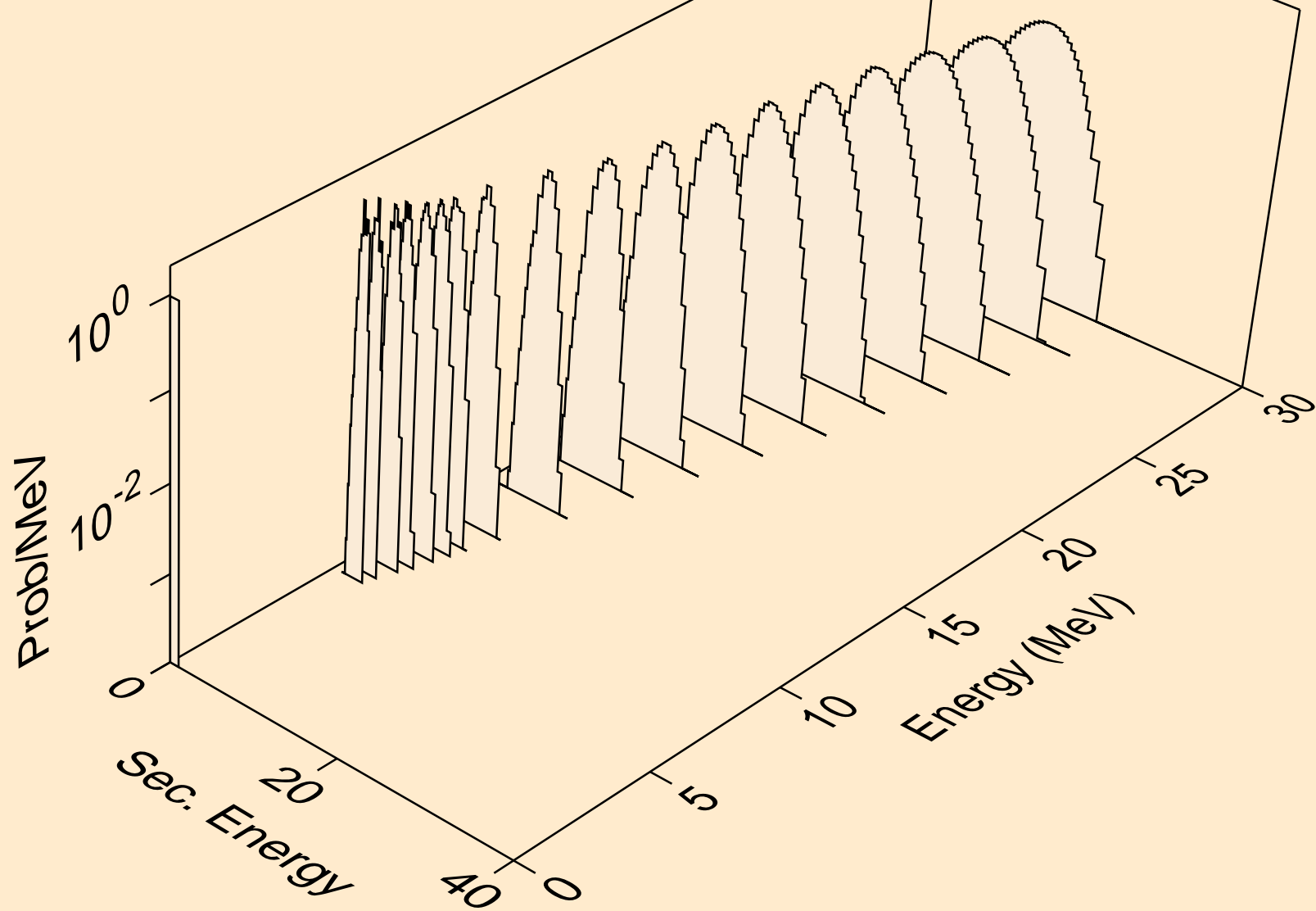
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d2a)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

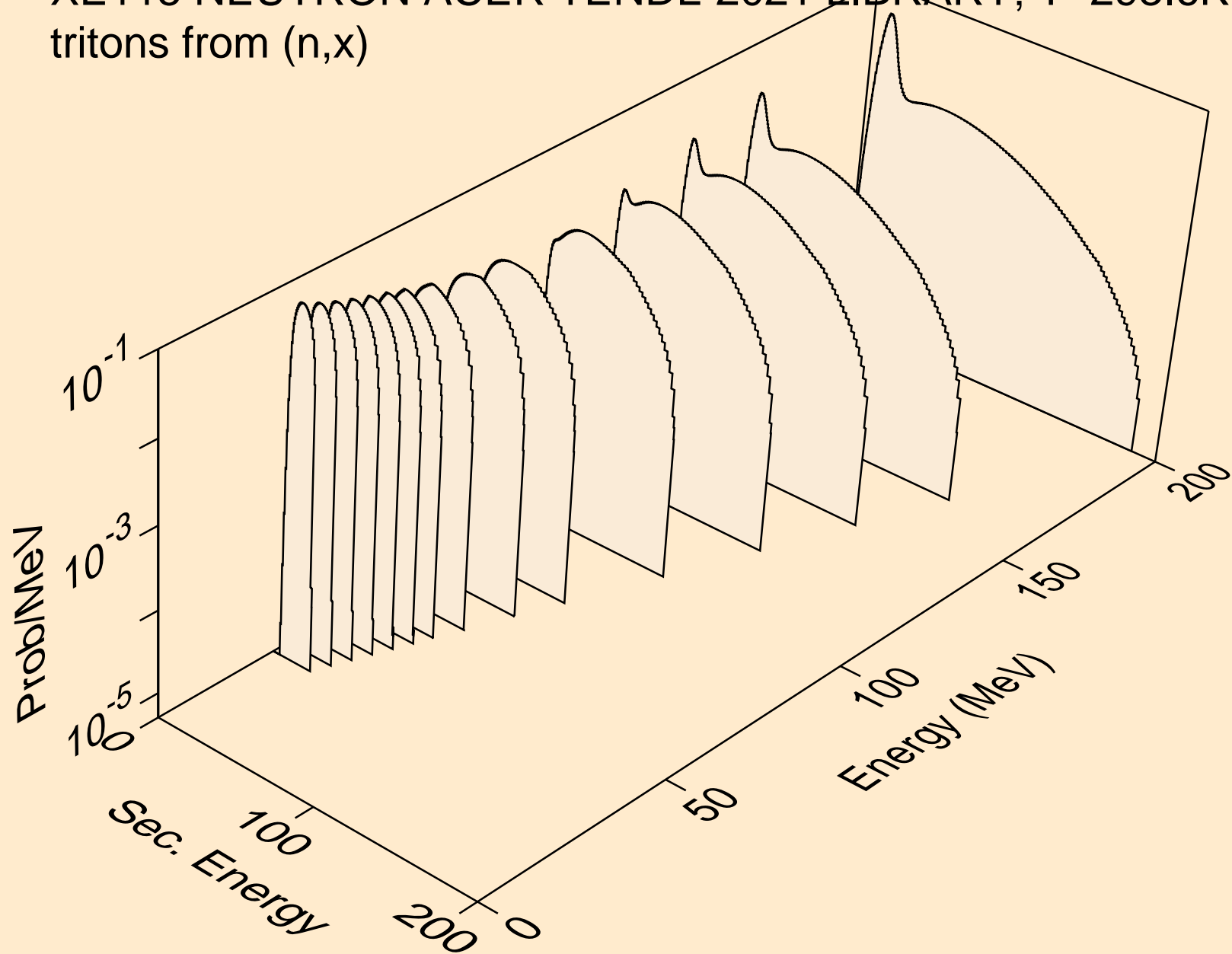


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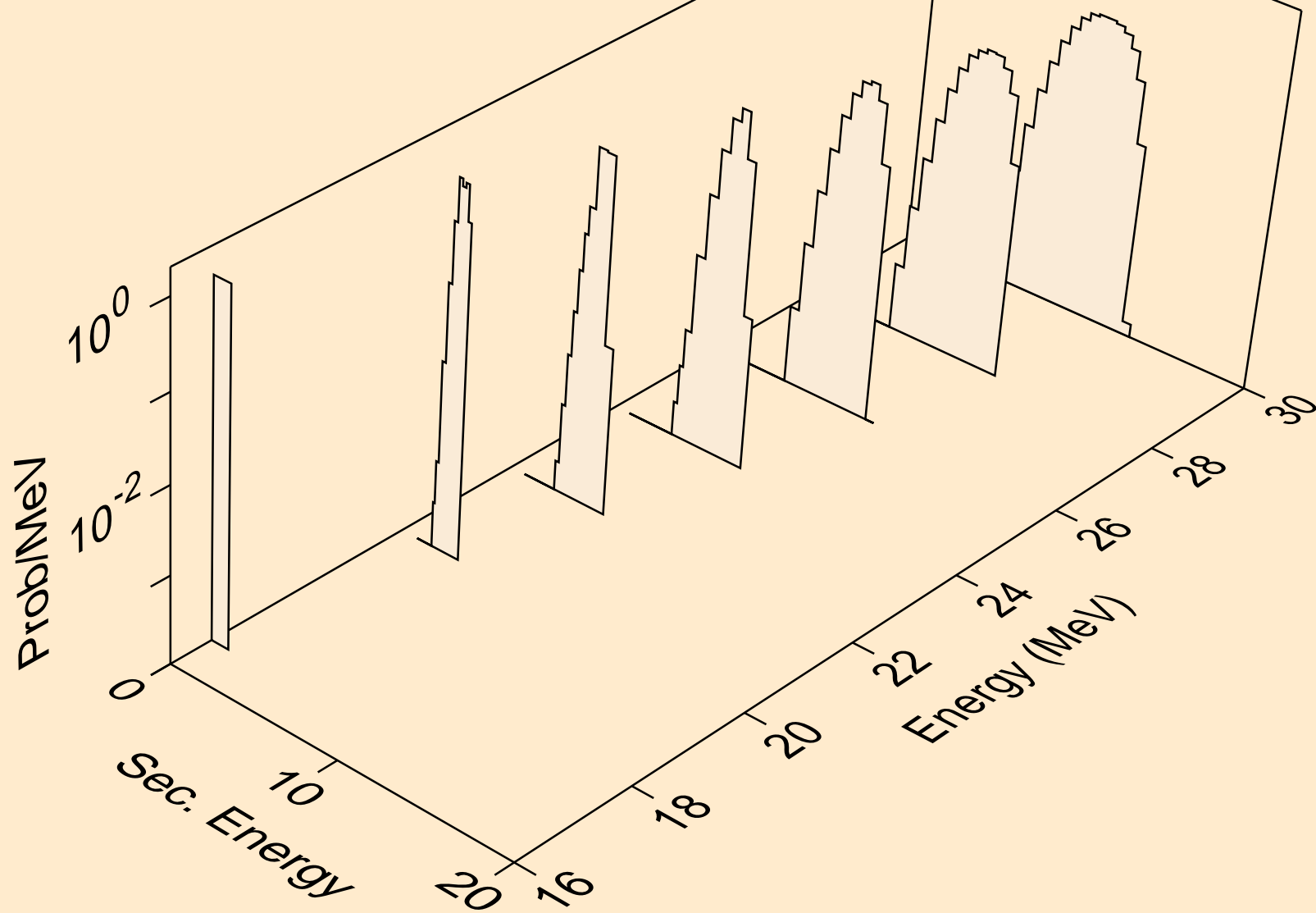




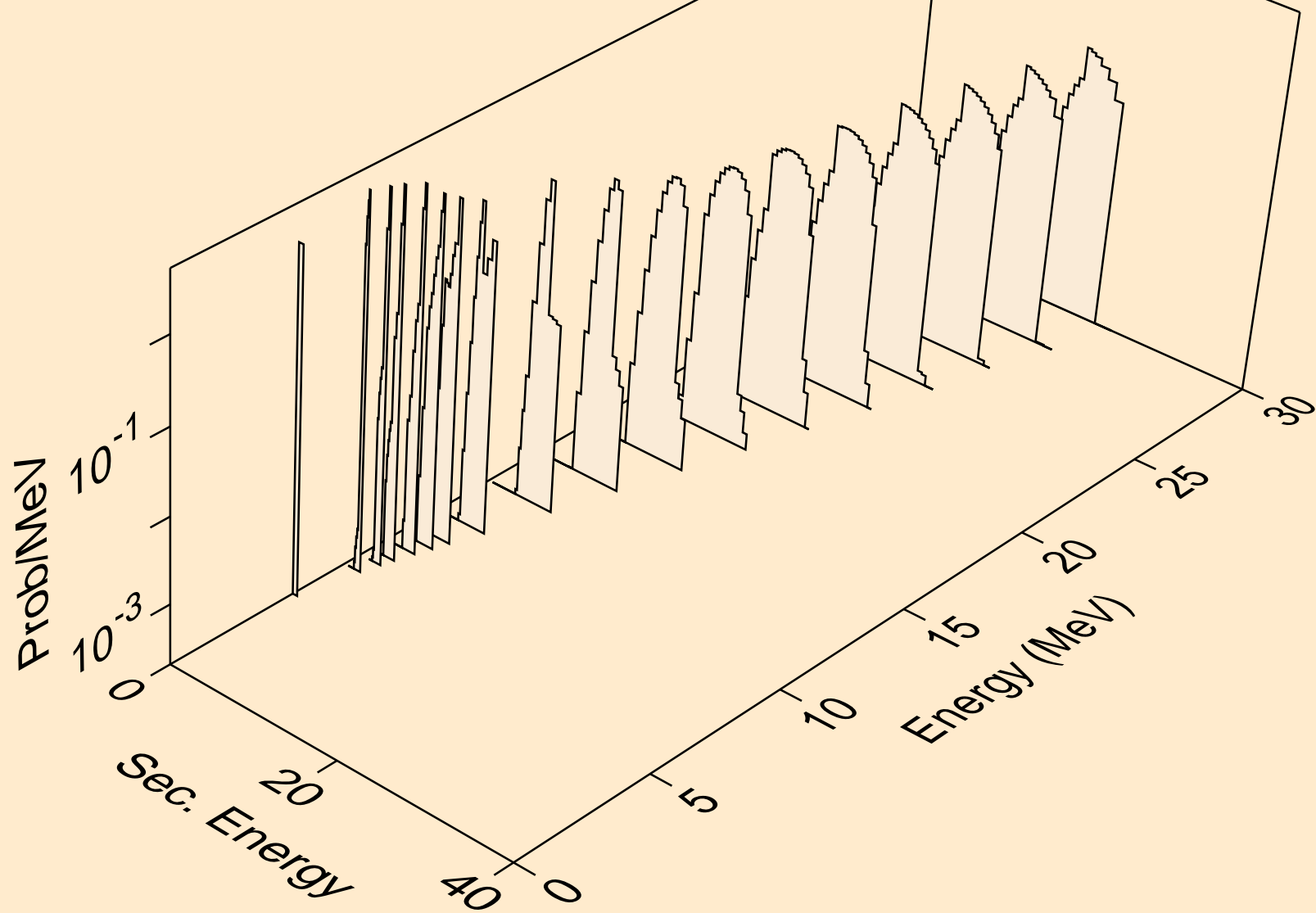
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tritons from (n,x)



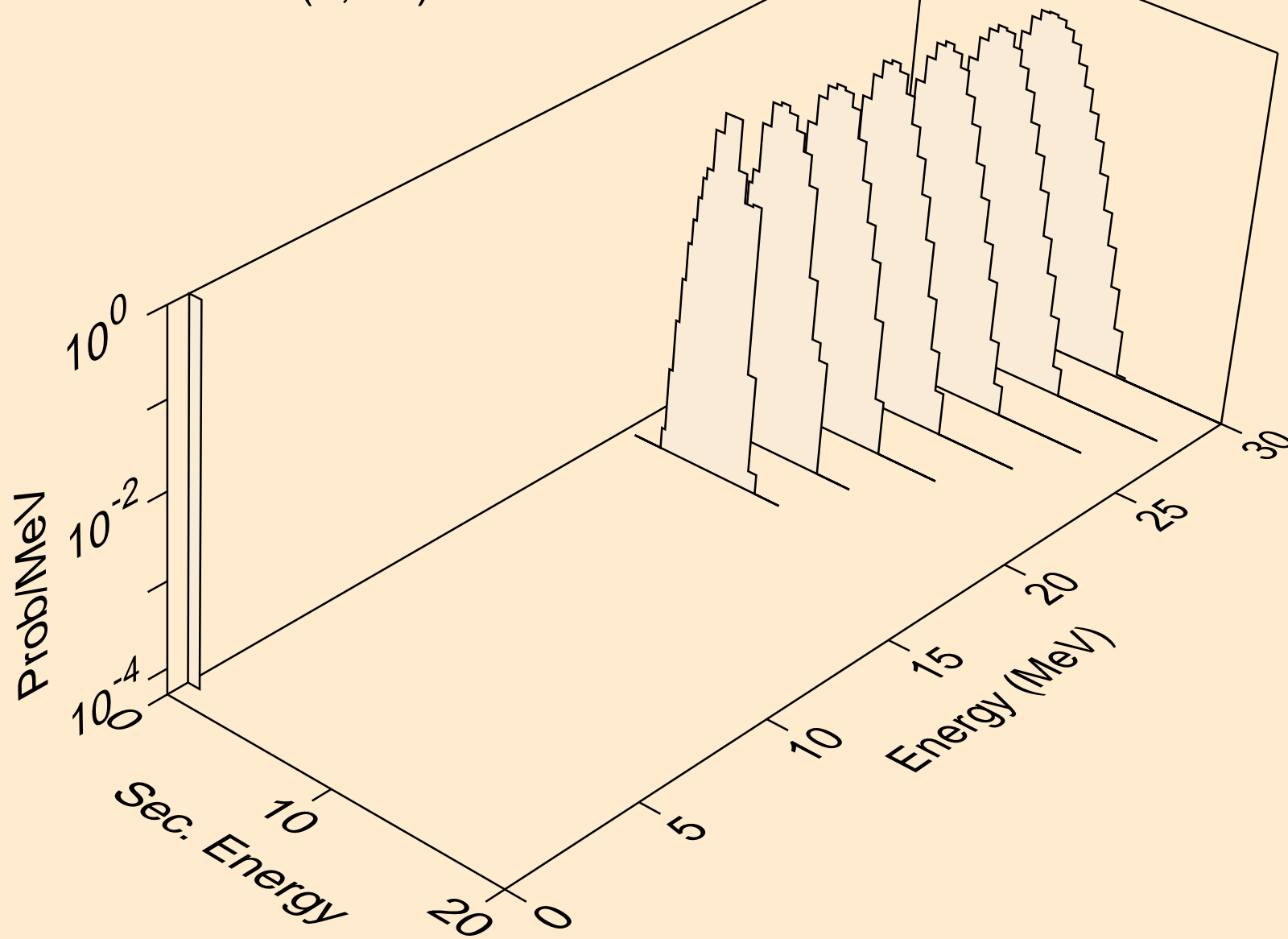
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



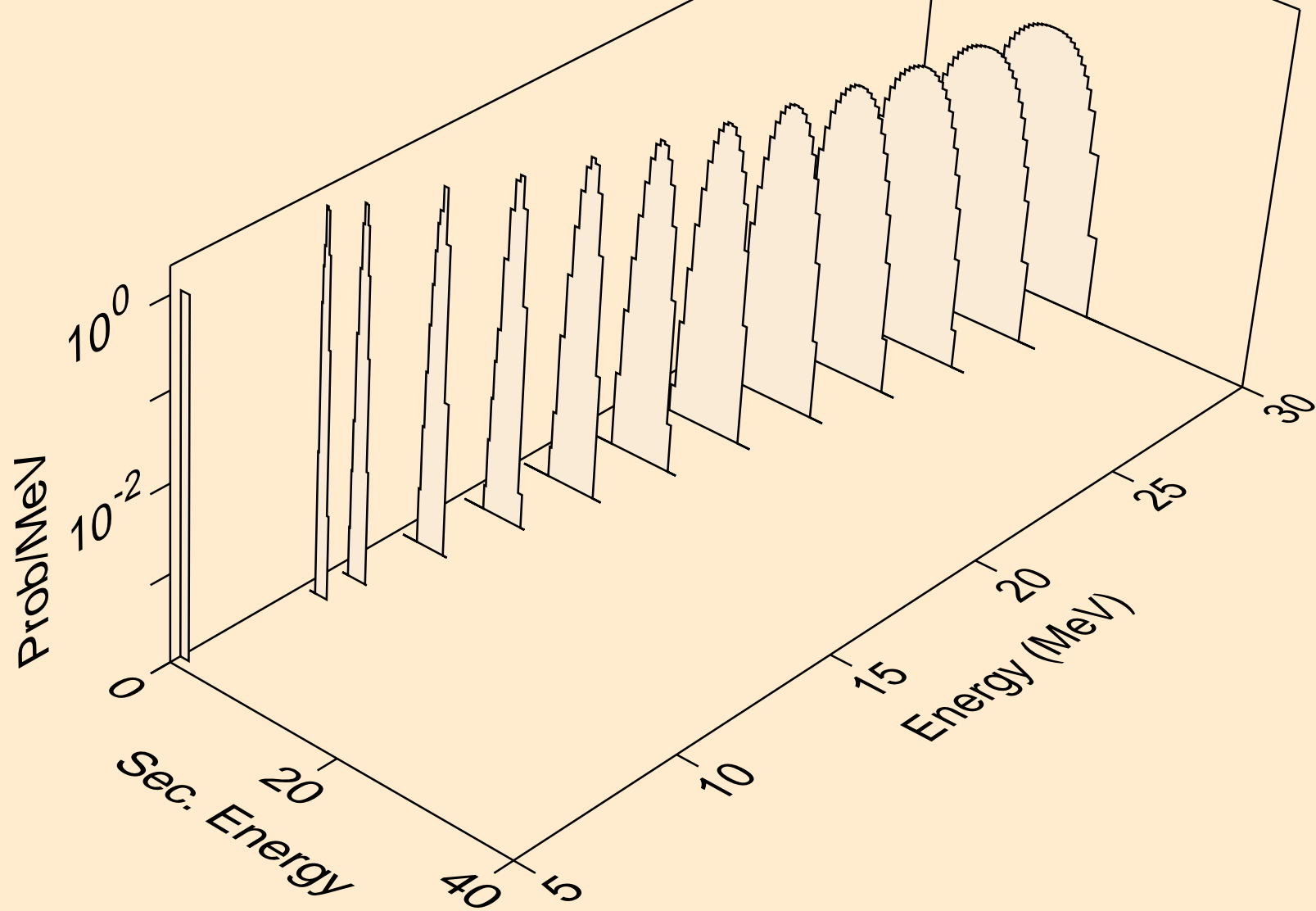
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tritons from (n,t)



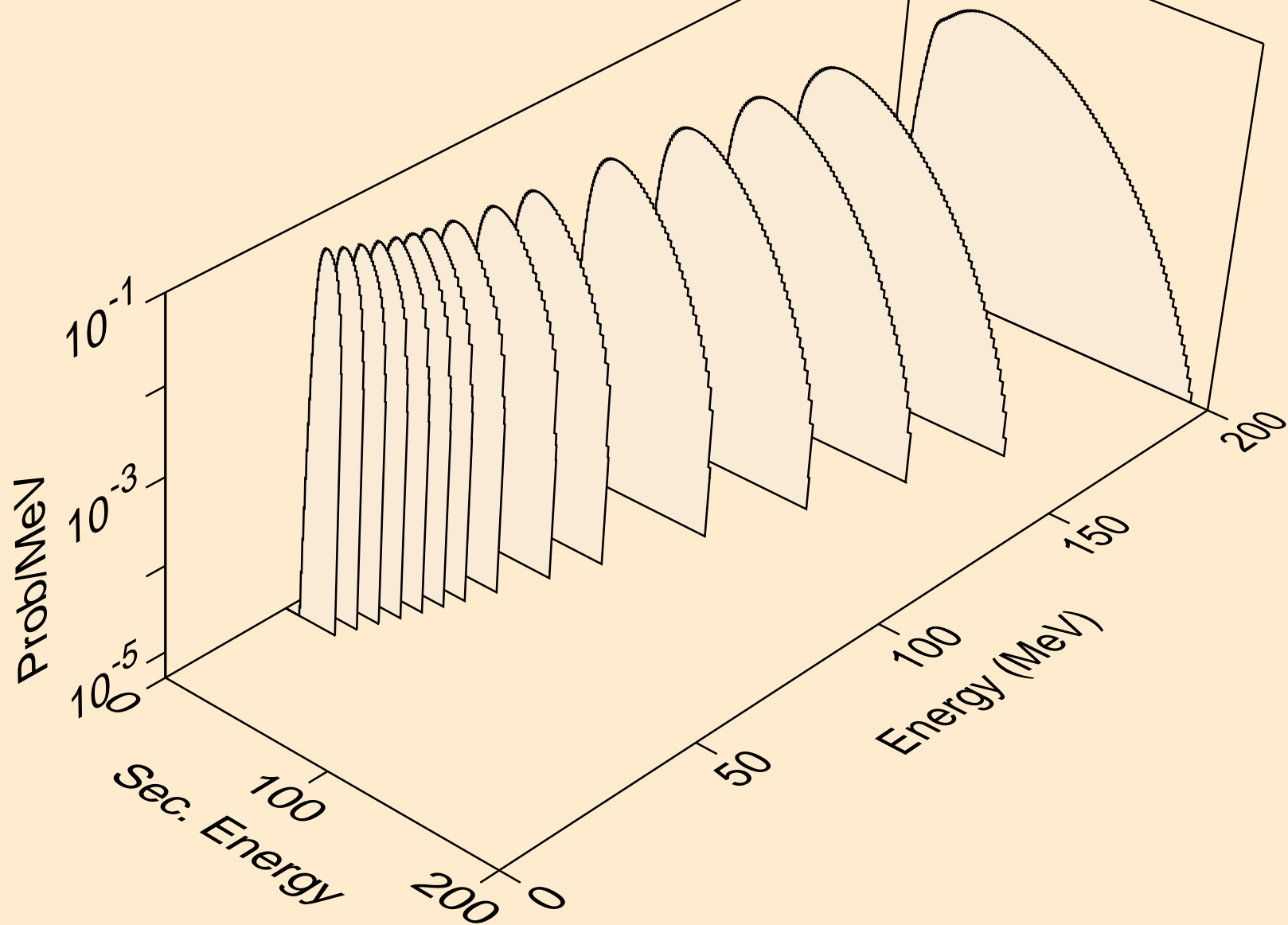
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tritons from (n,t2a)



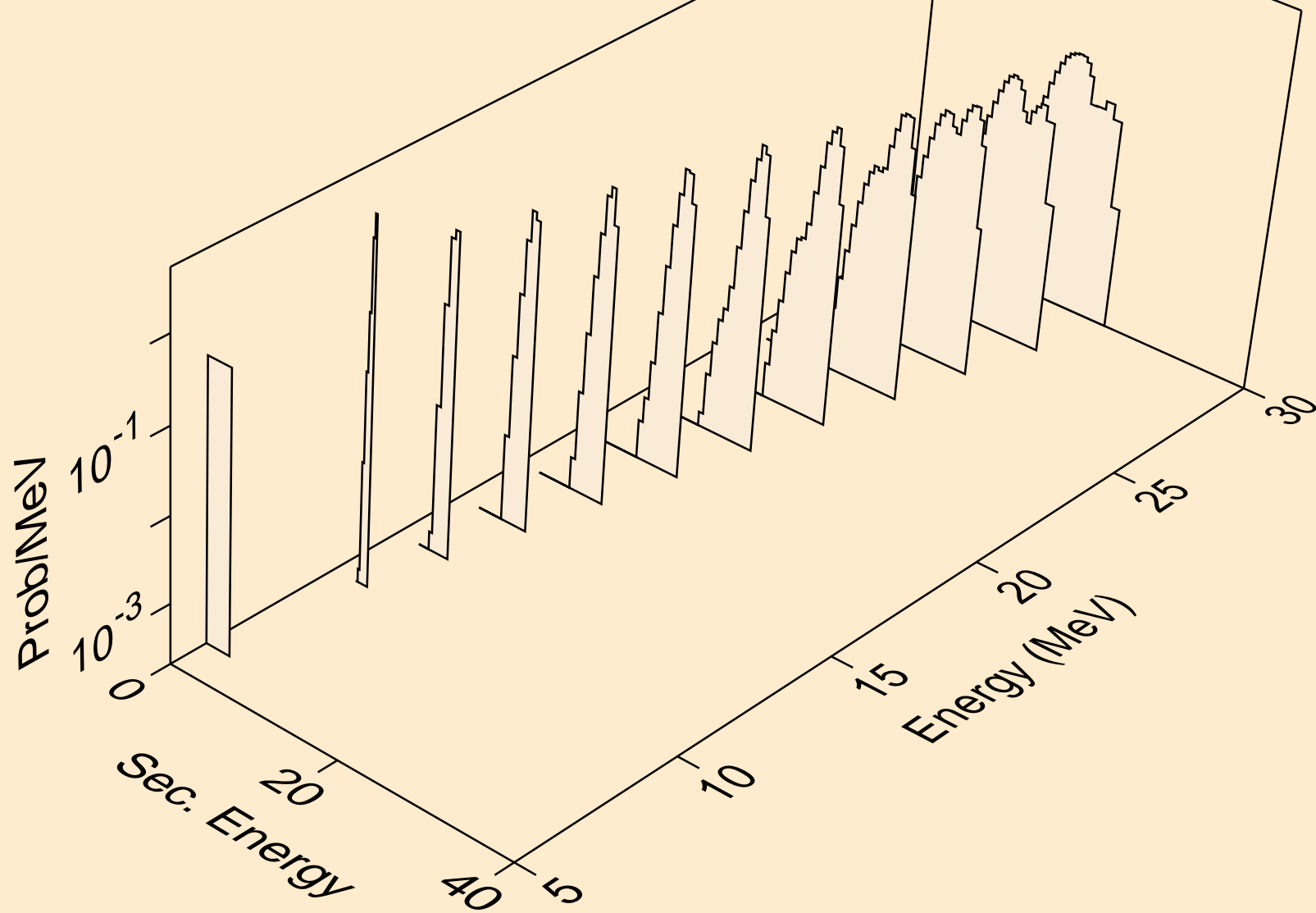
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



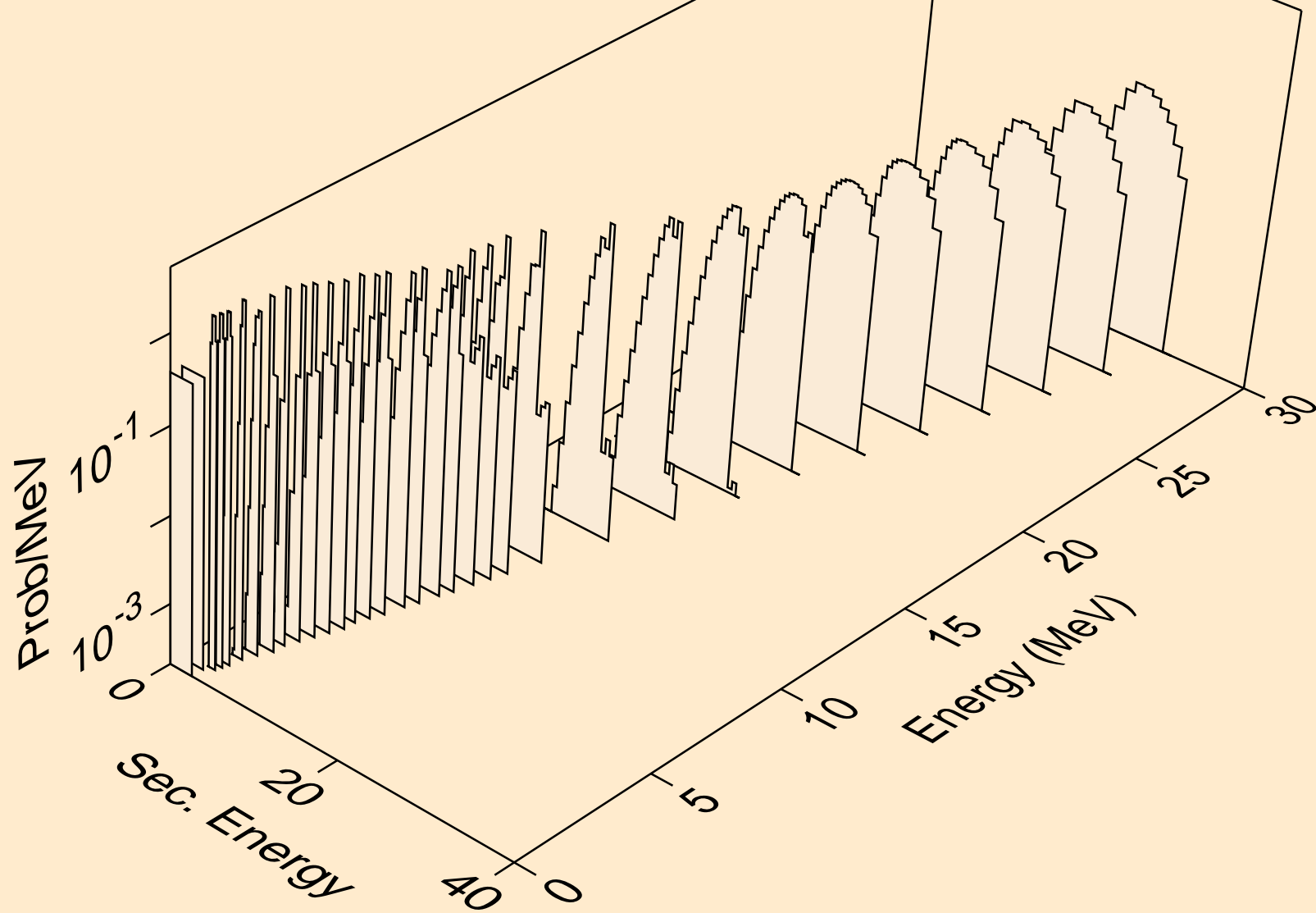
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

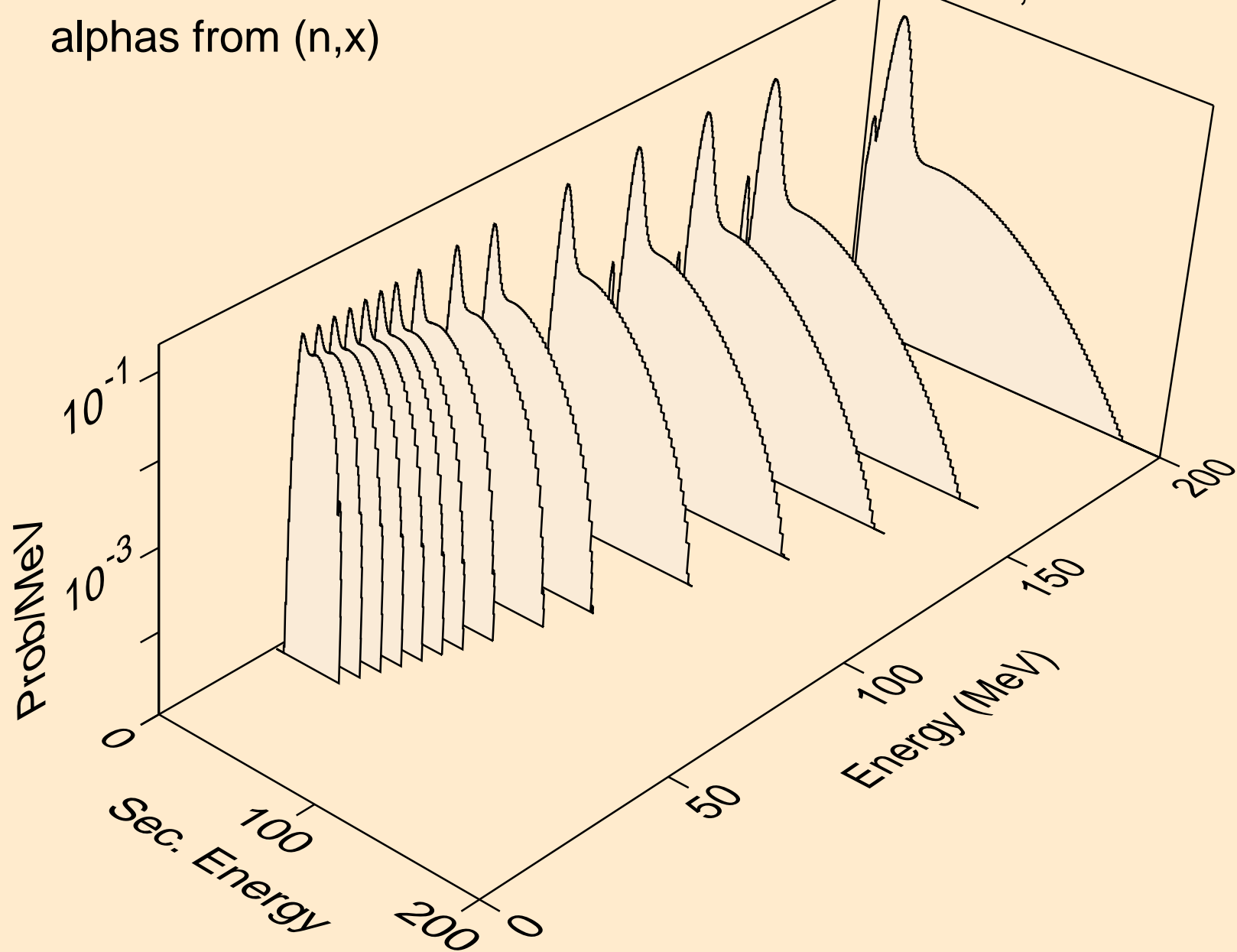


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he3s from (n,he3)

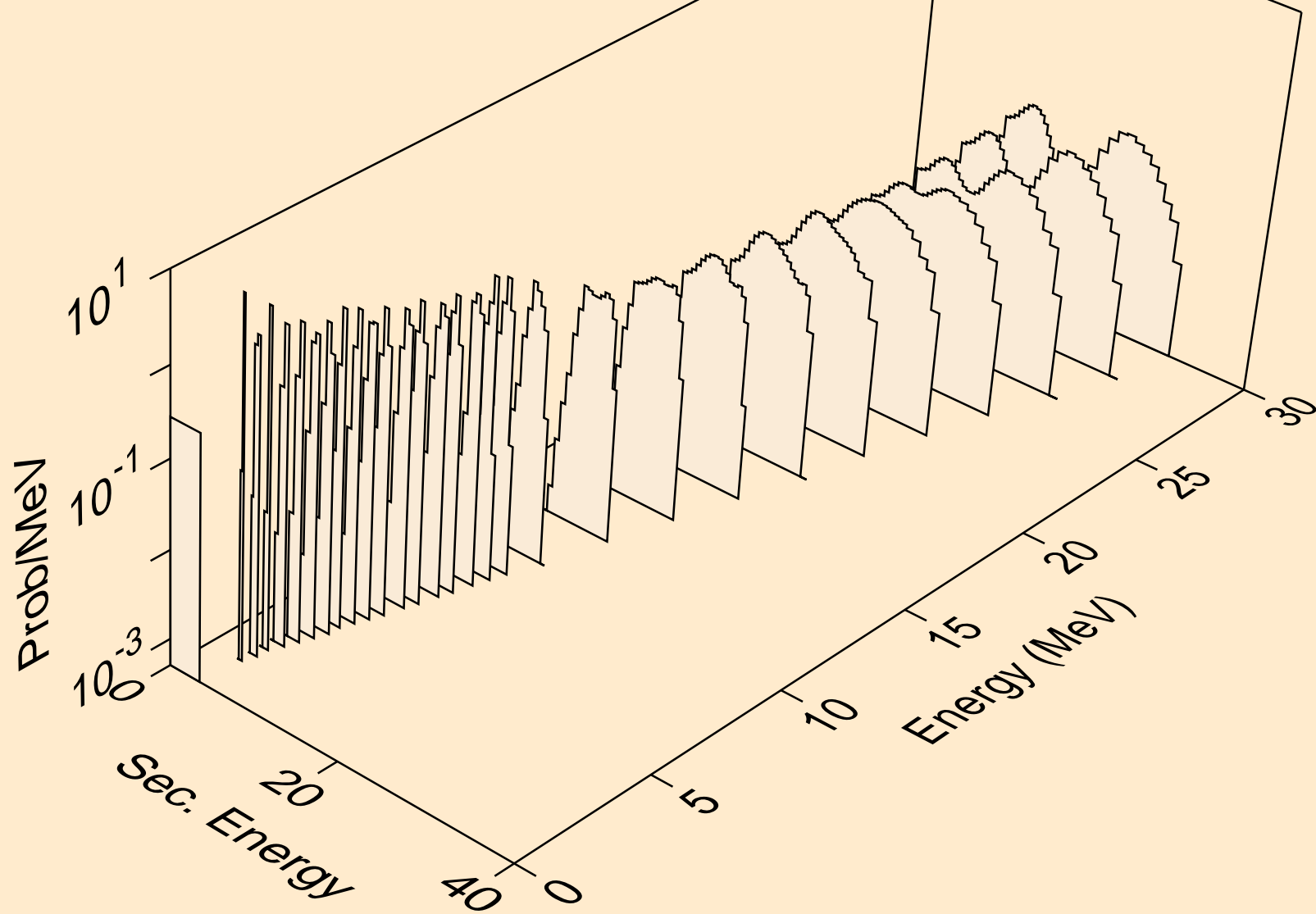




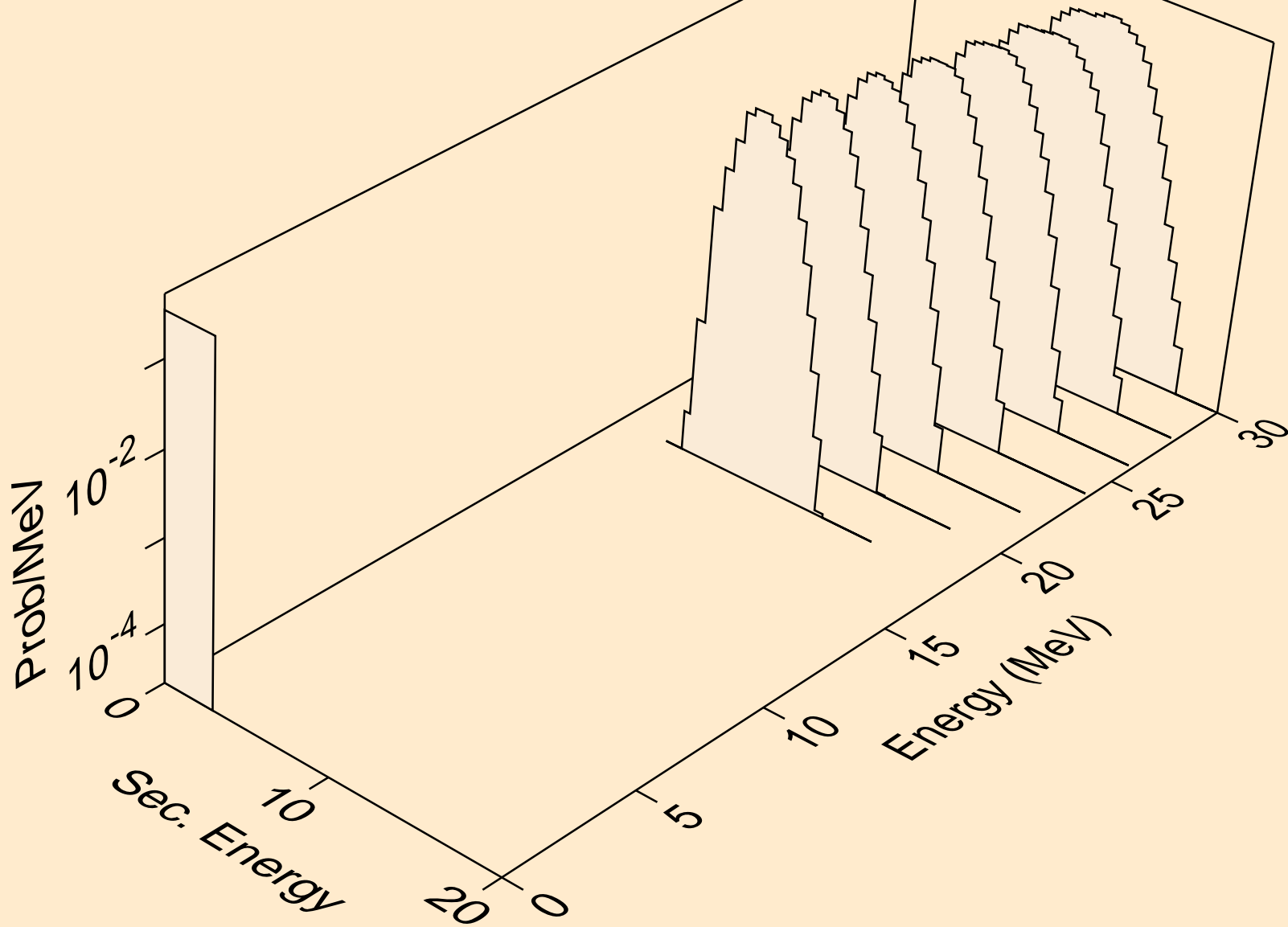
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alphas from (n,x)



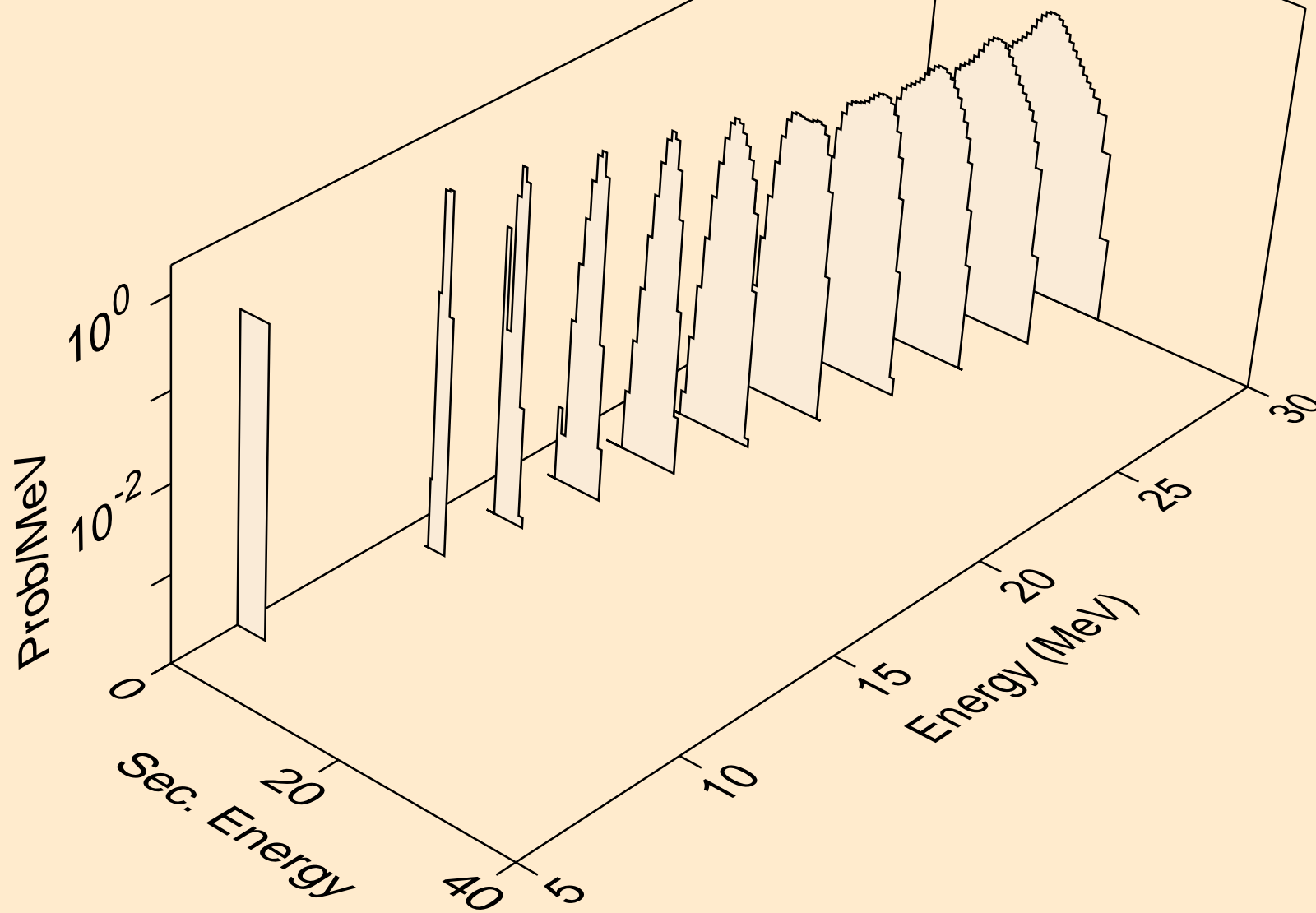
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alphas from (n,n\*)a



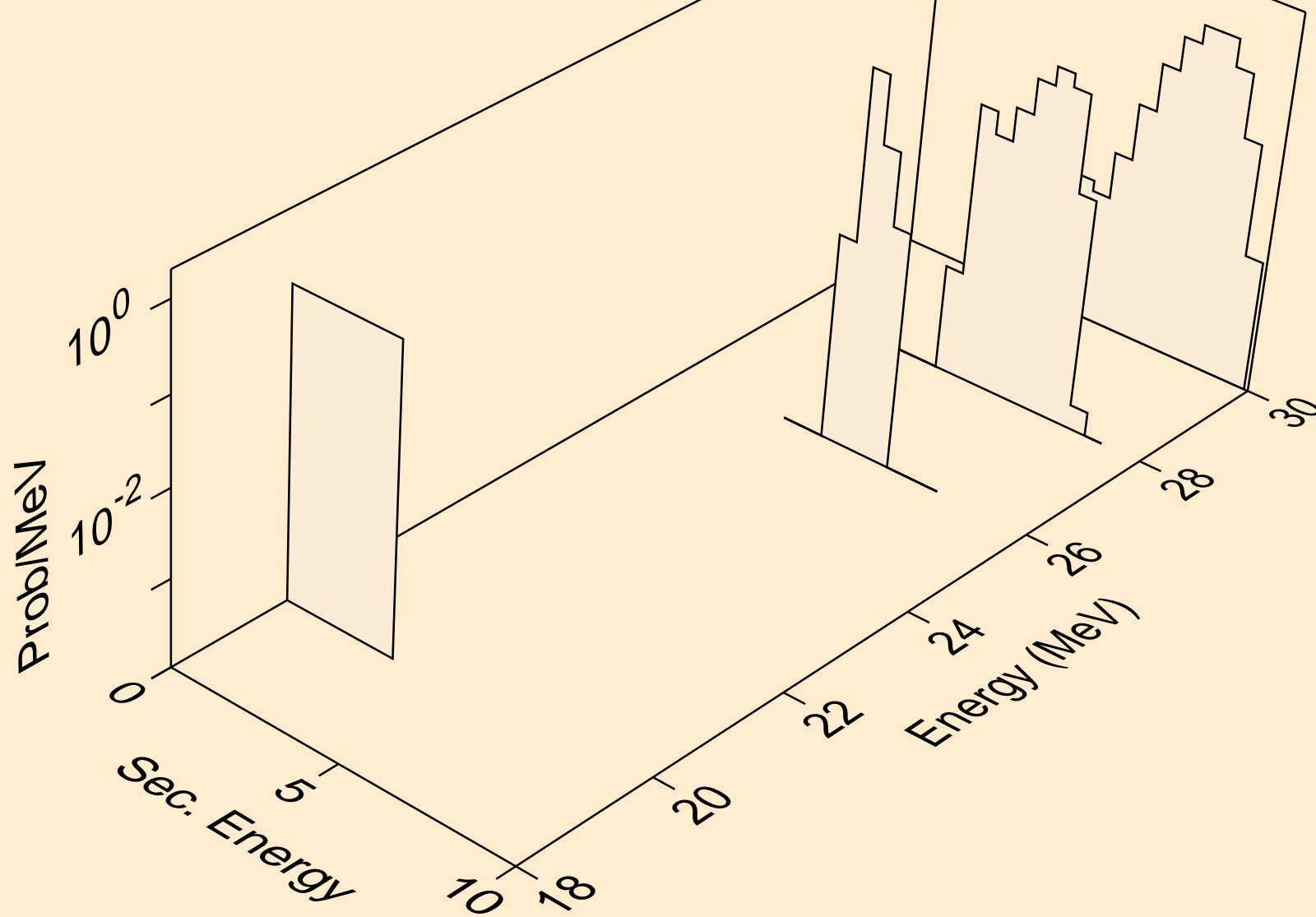
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alphas from (n,n\*)3a



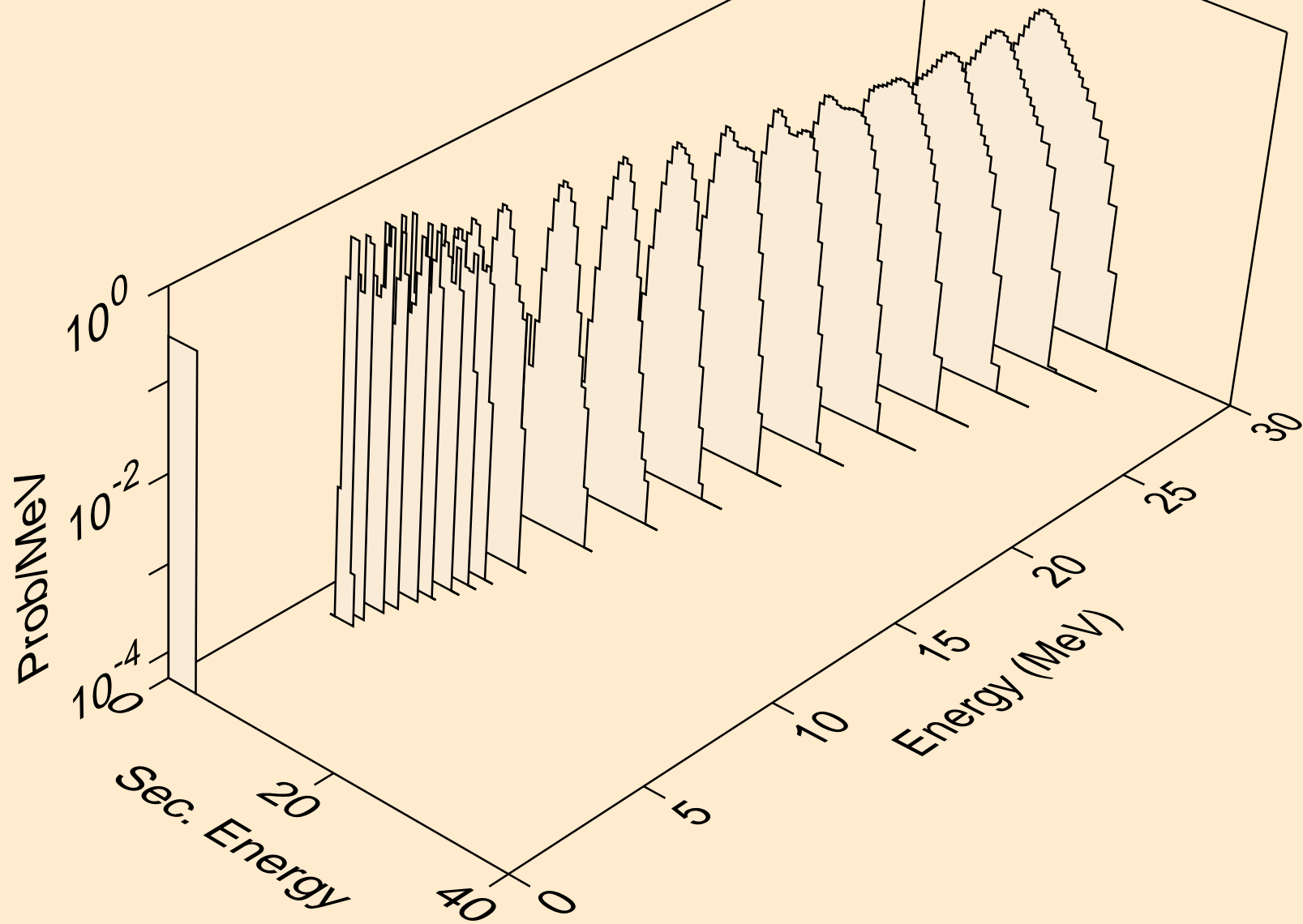
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alphas from (n,2n)a



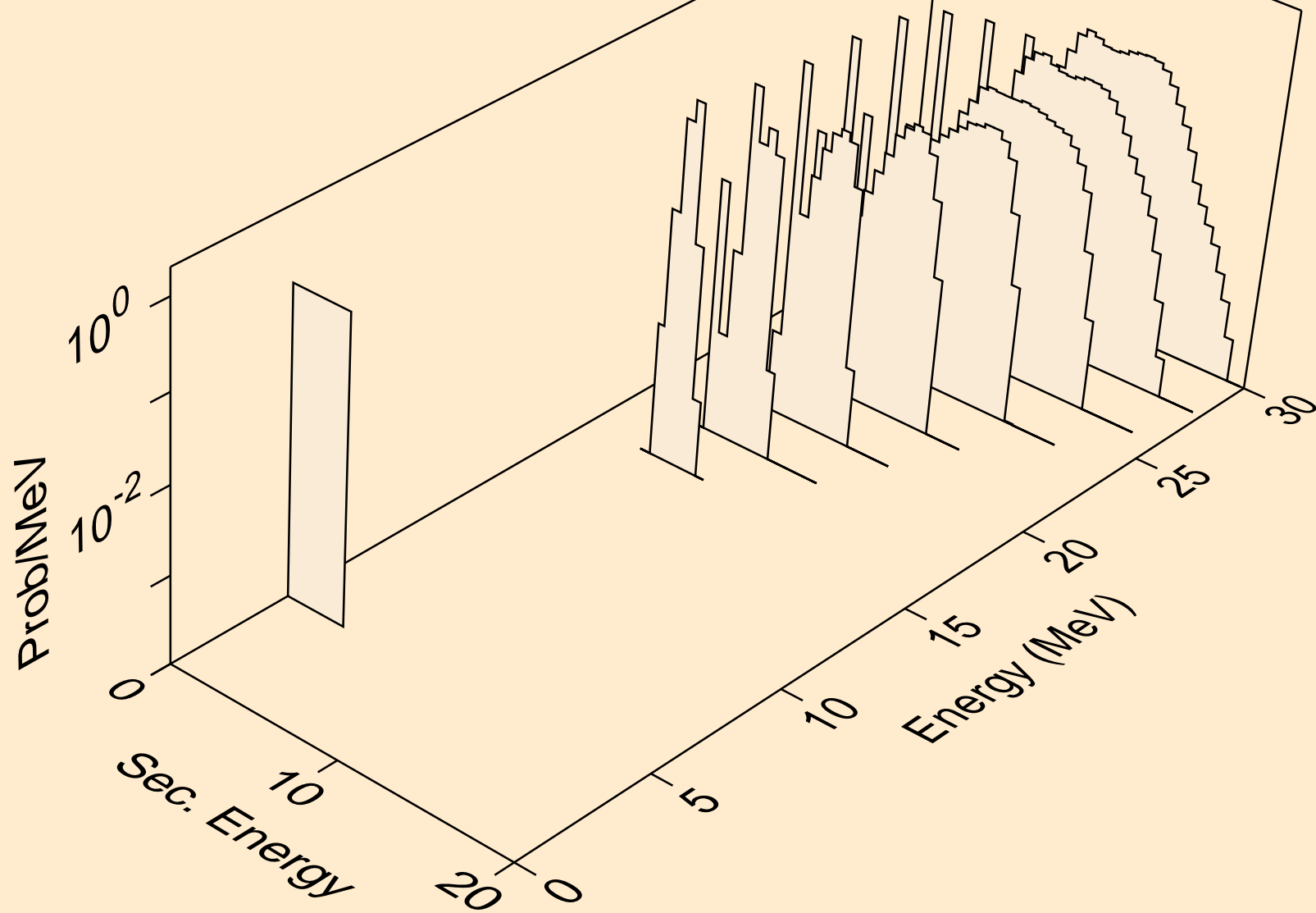
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



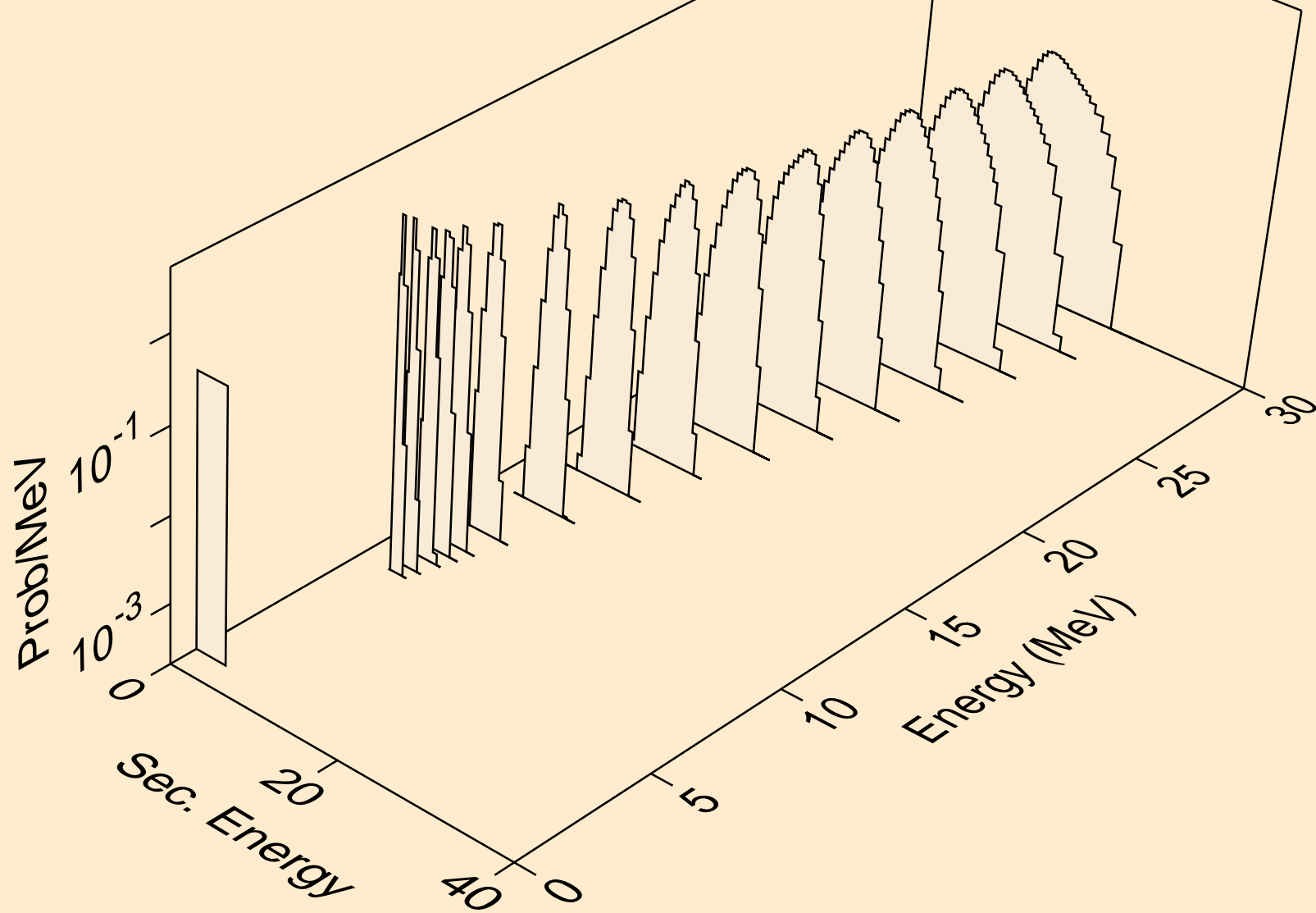
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a

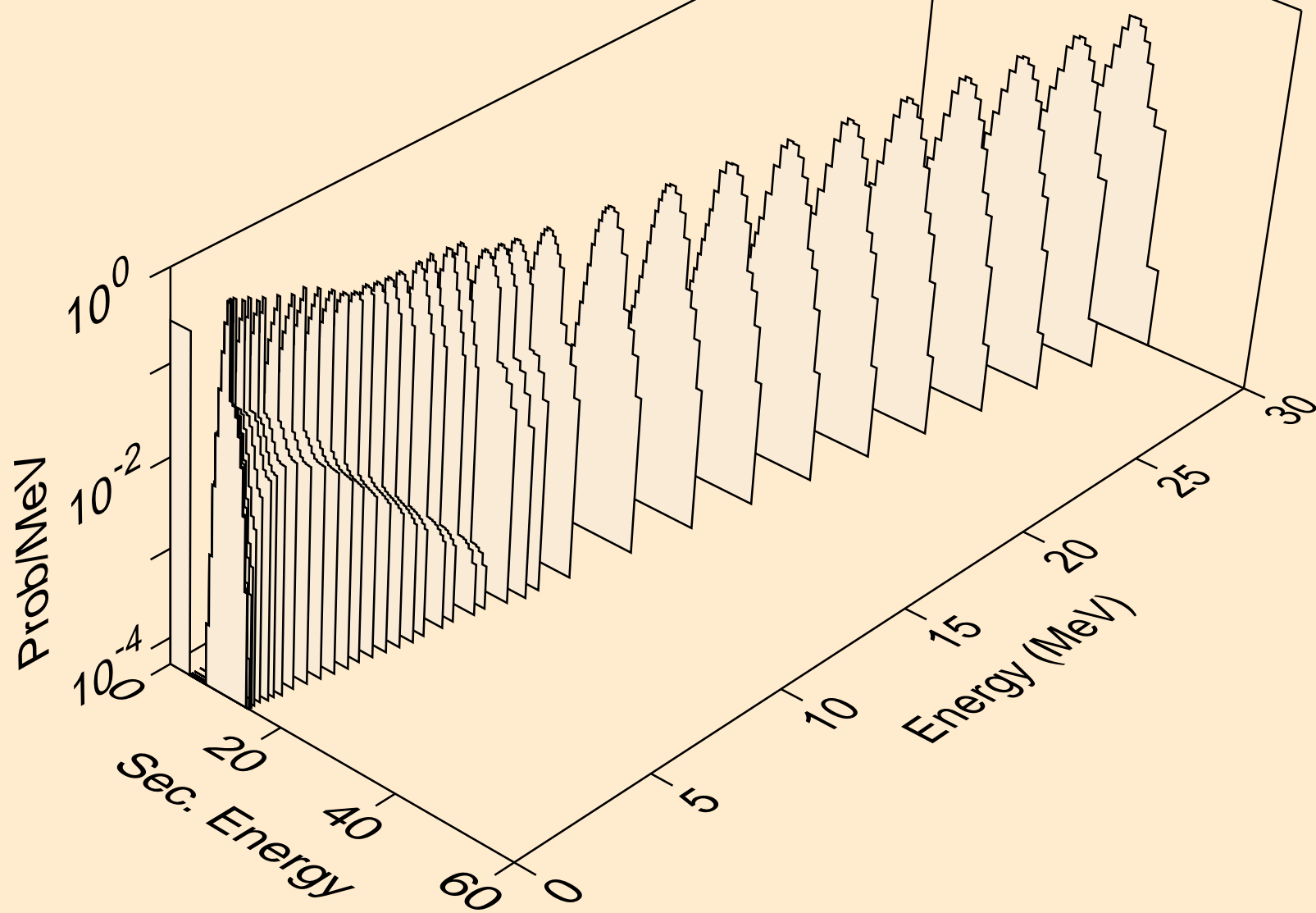


XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

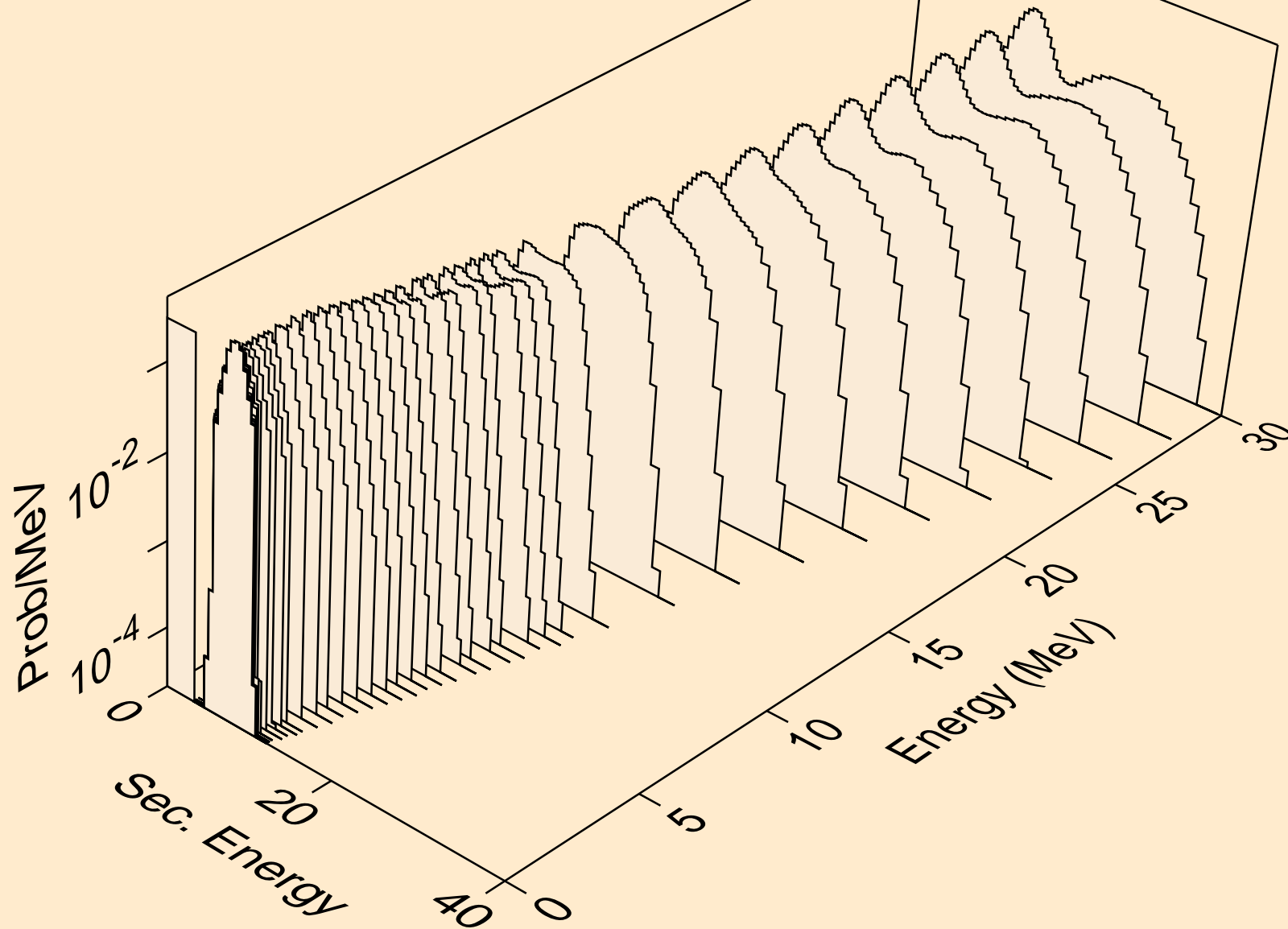




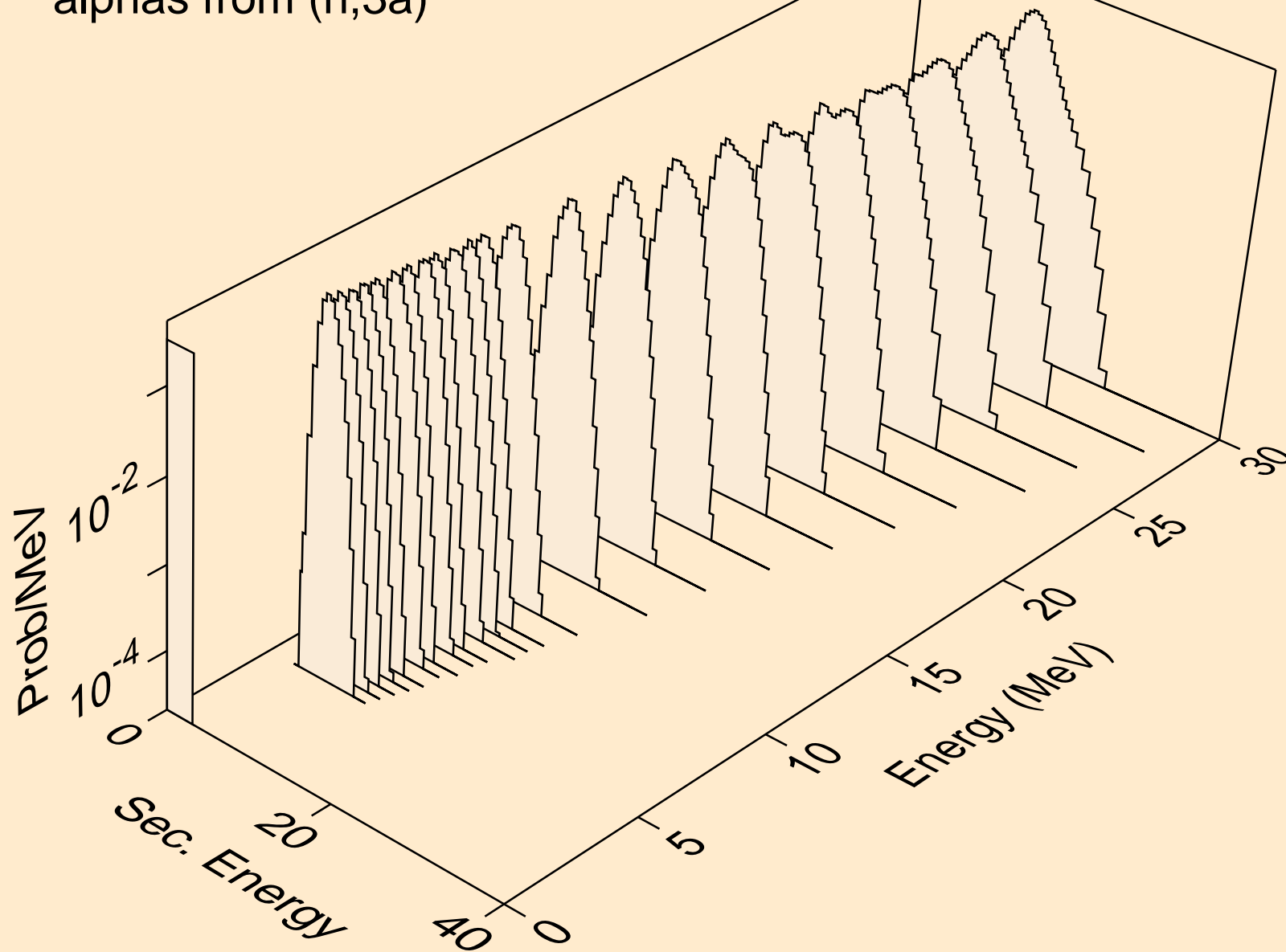
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



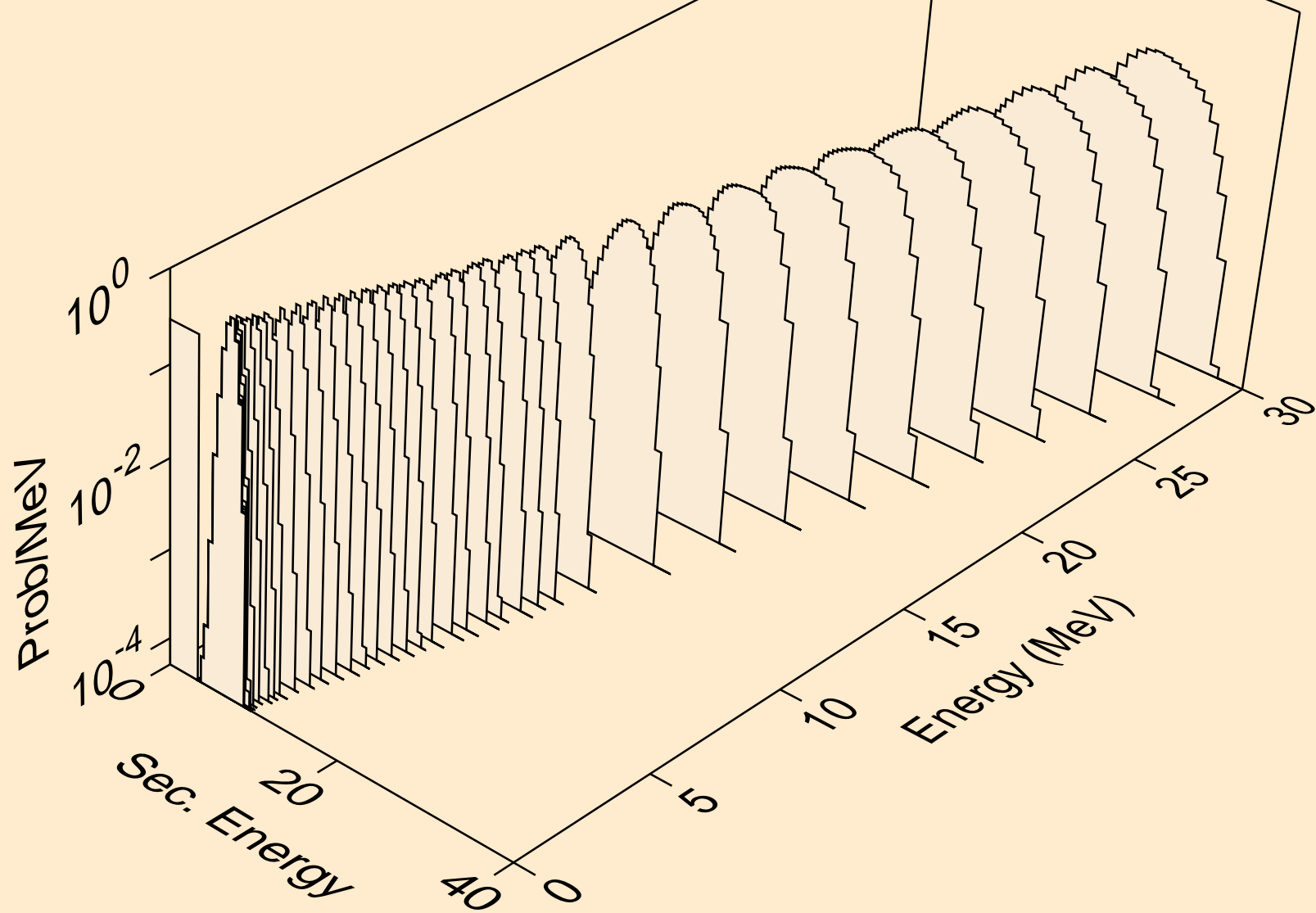
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



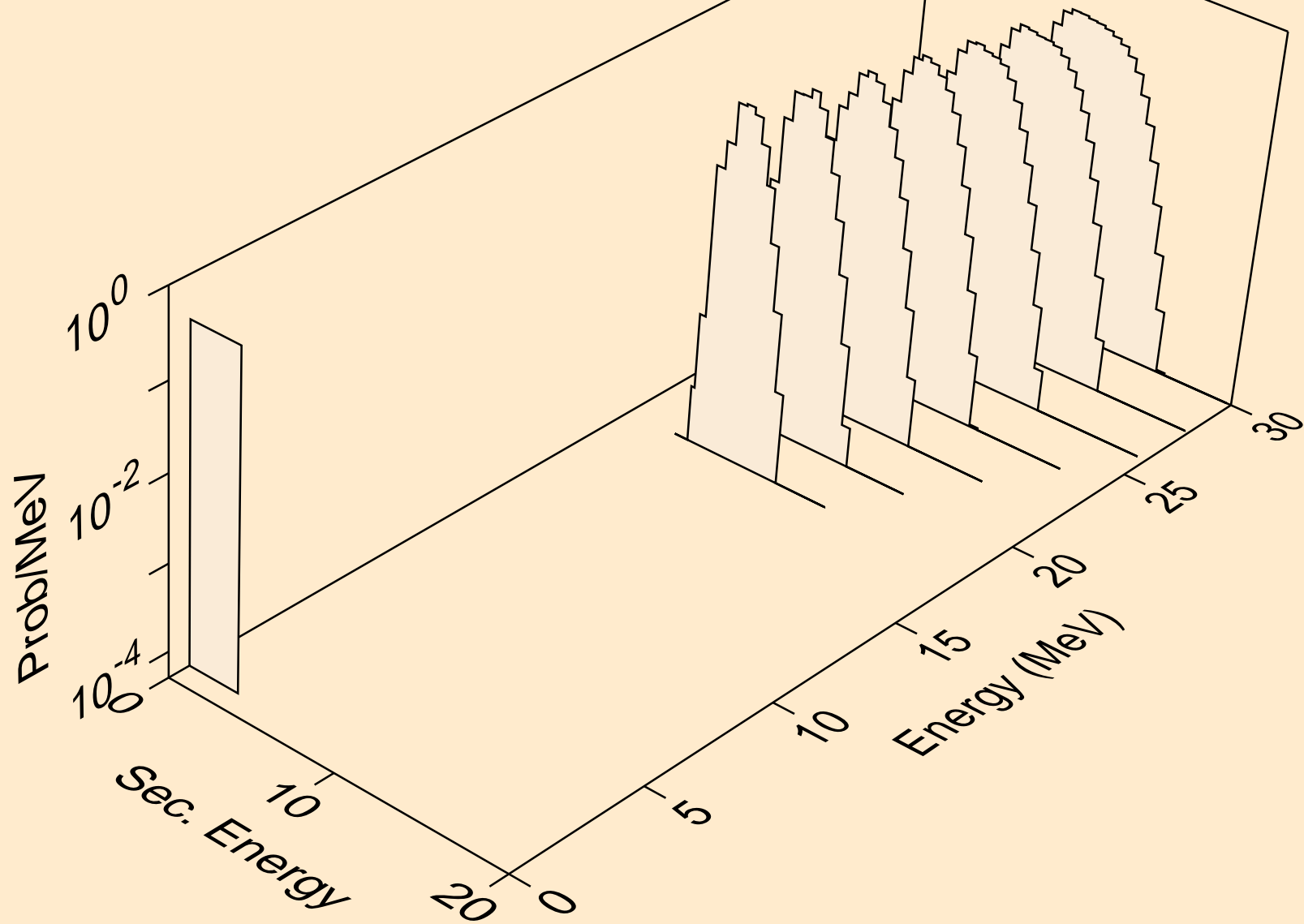
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



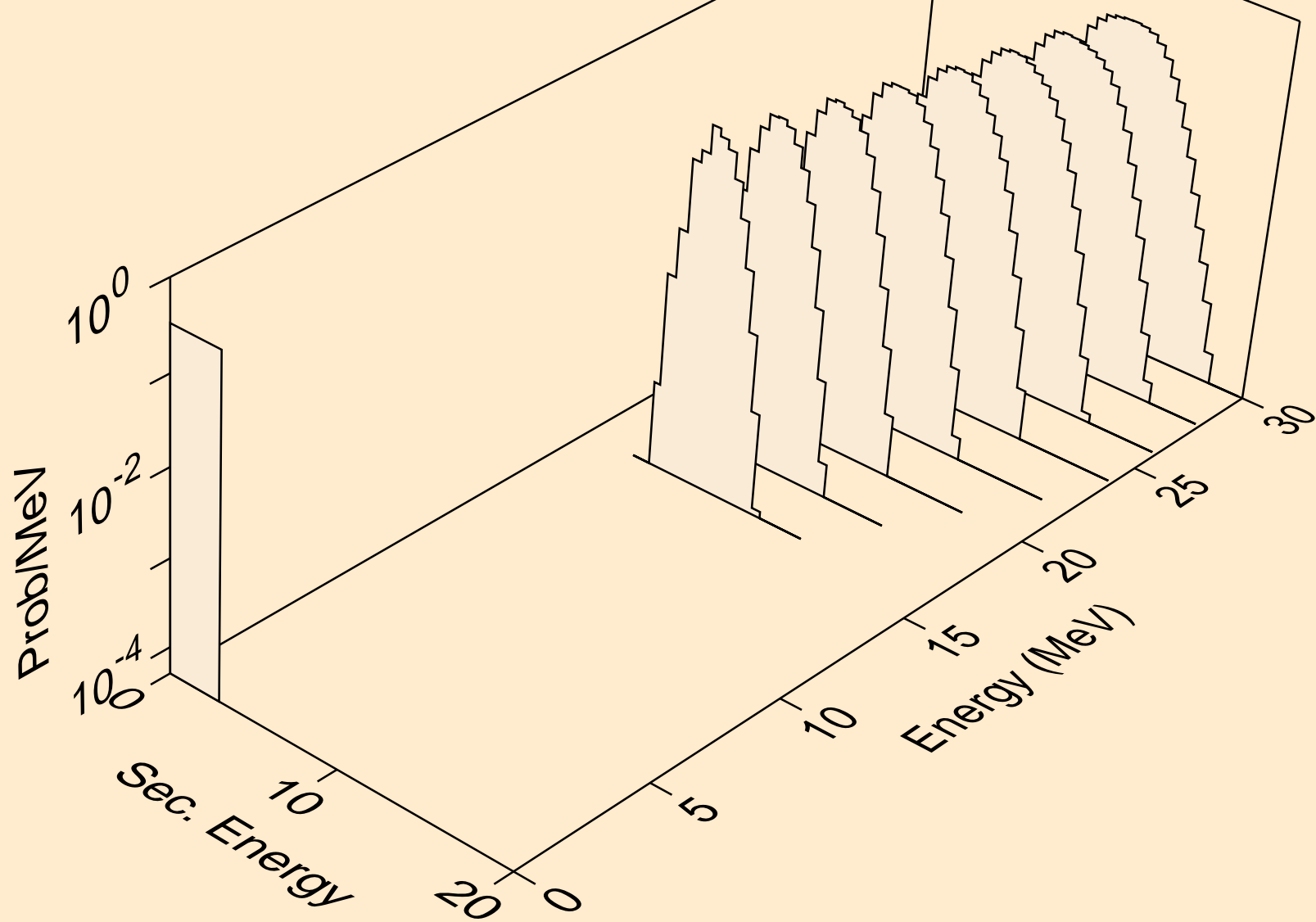
XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,p)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,t2a)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



XE115 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

