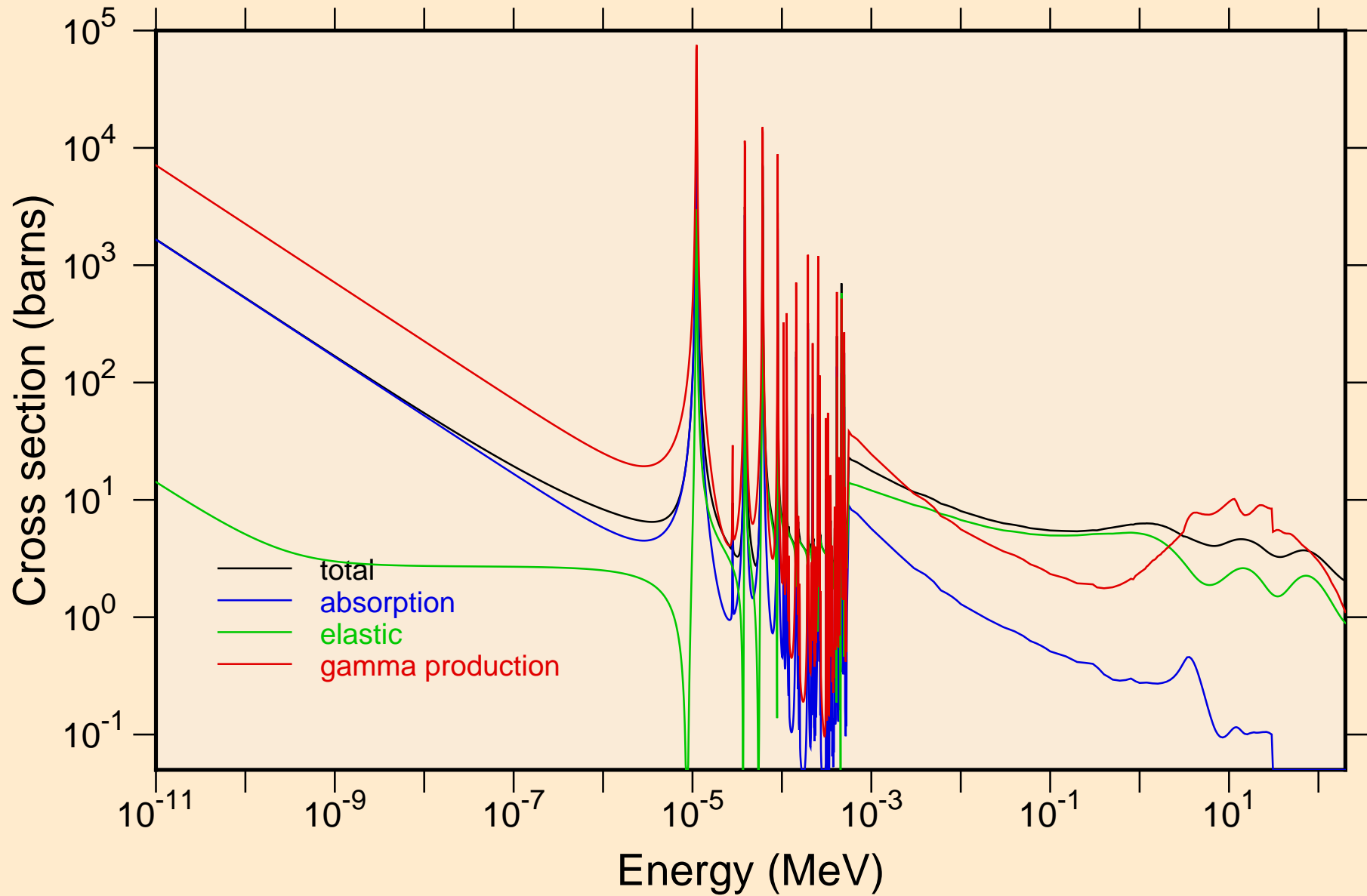
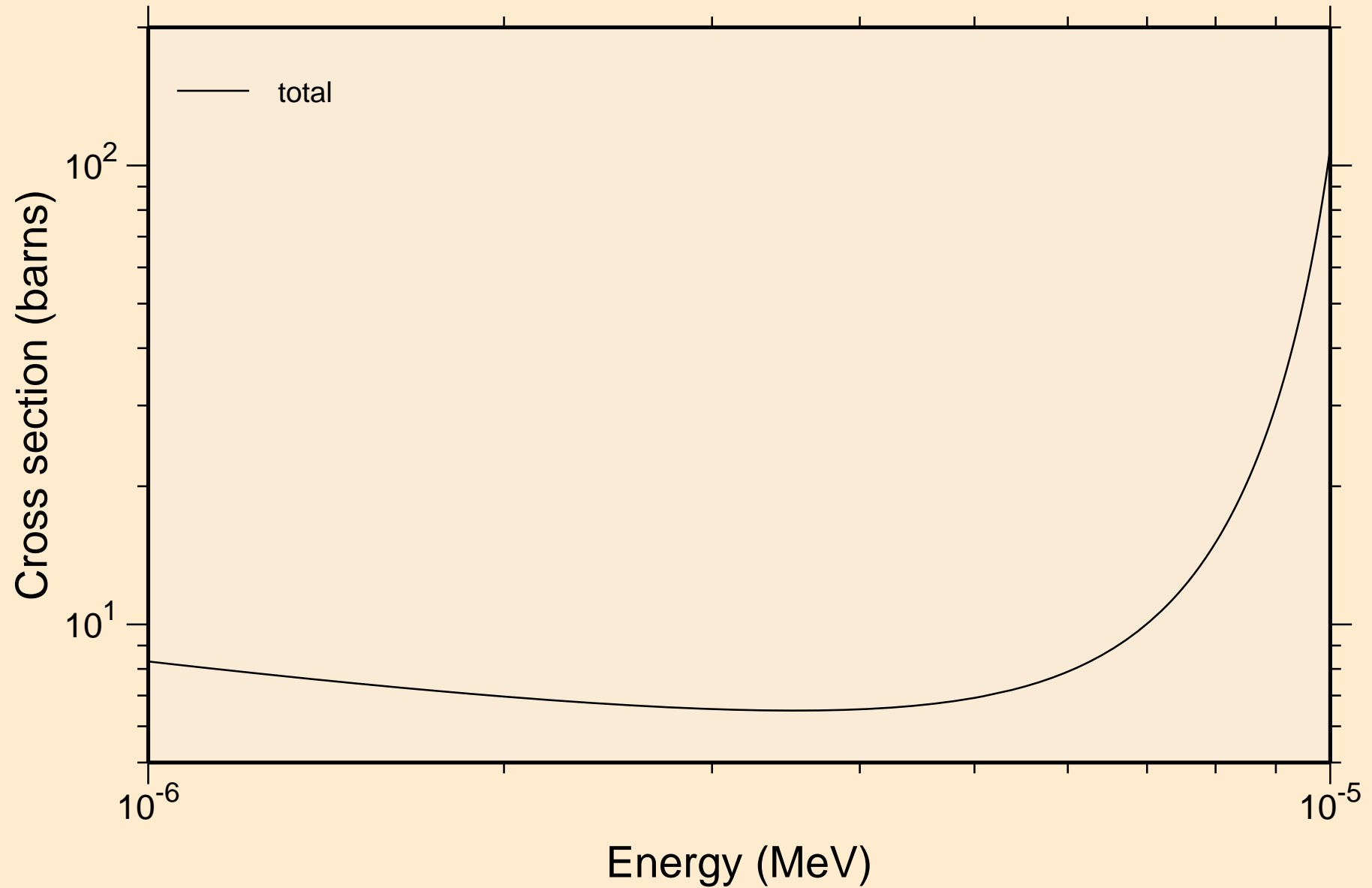


# XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

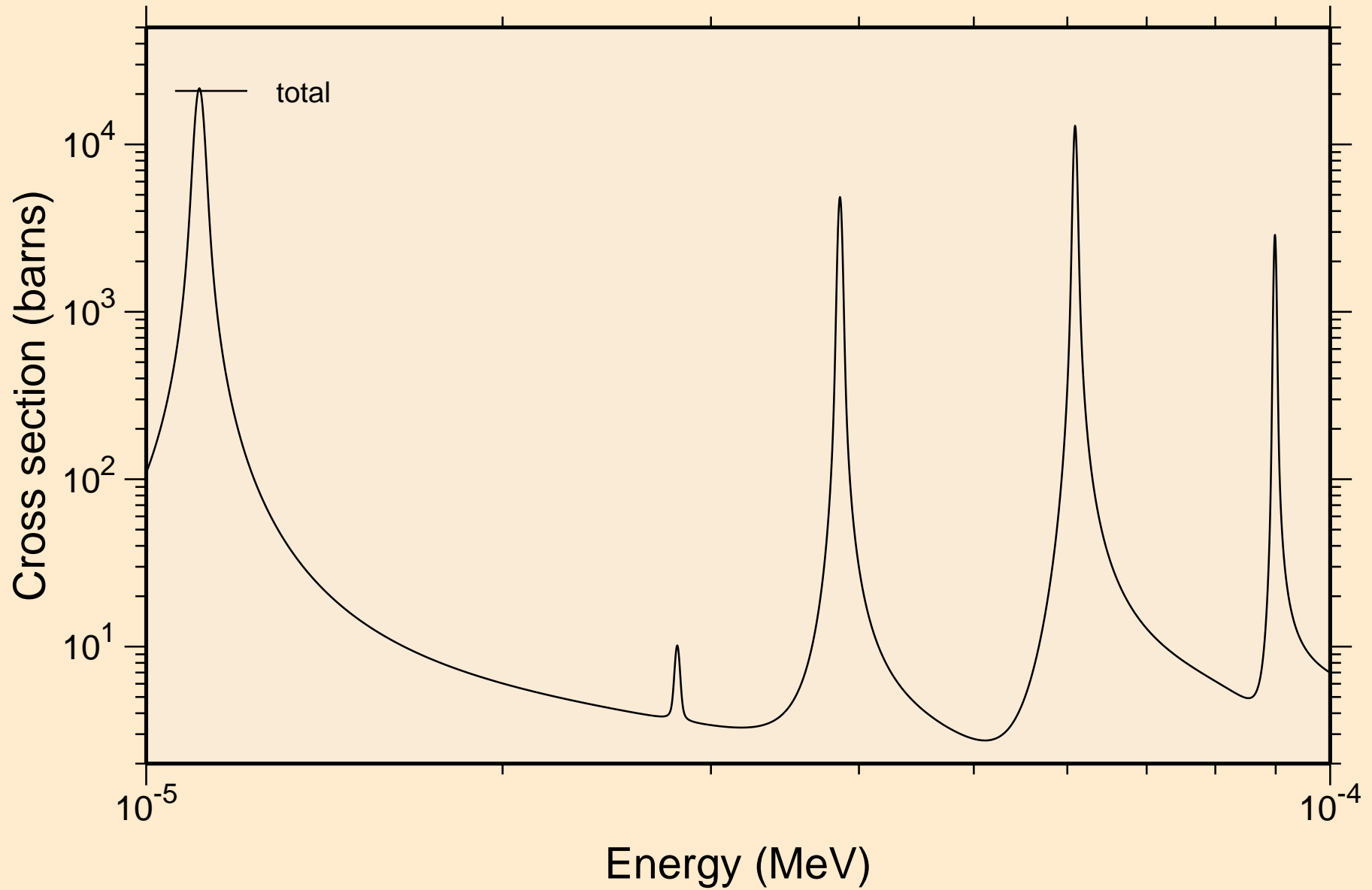
## Principal cross sections



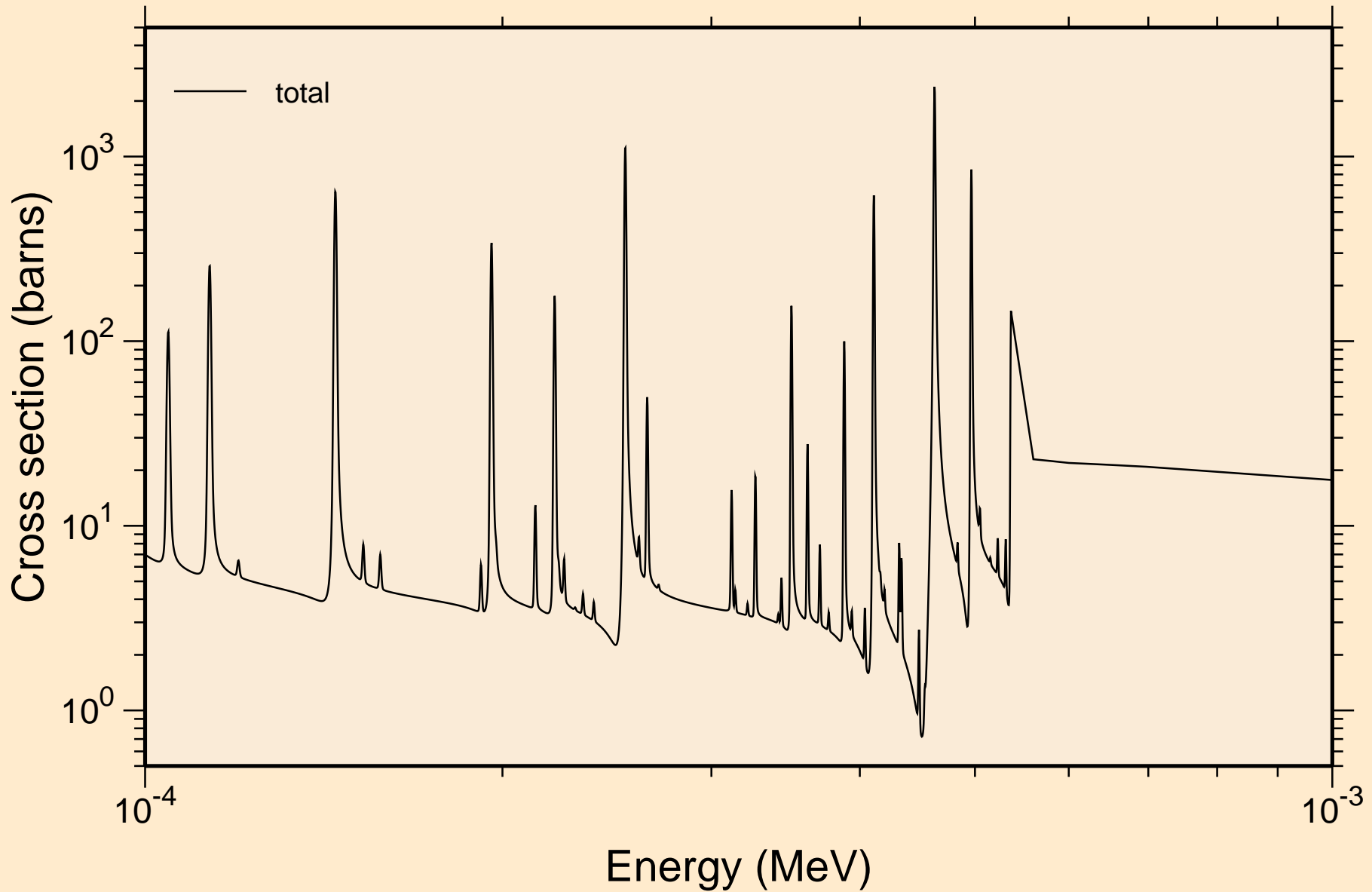
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



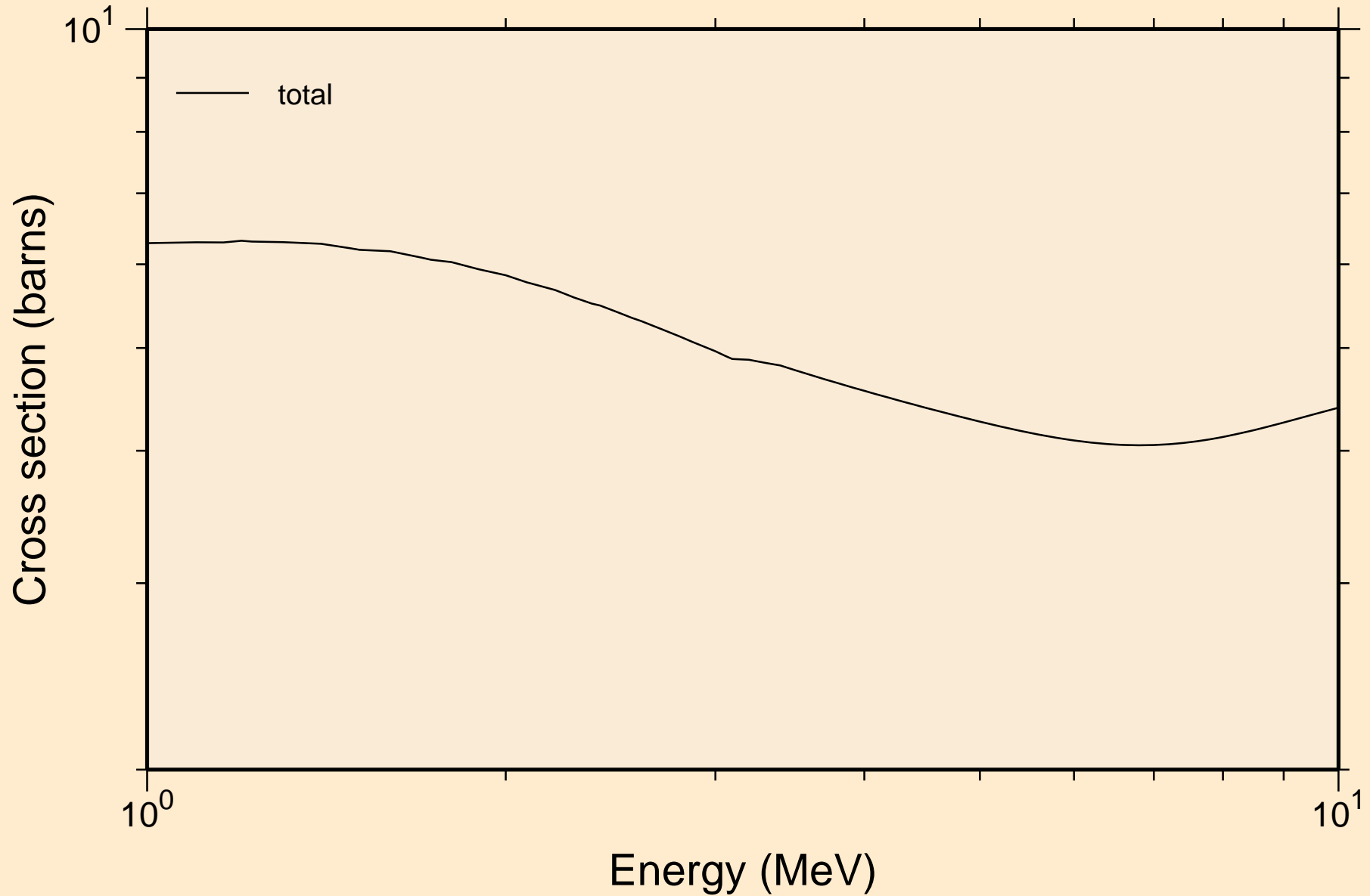
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



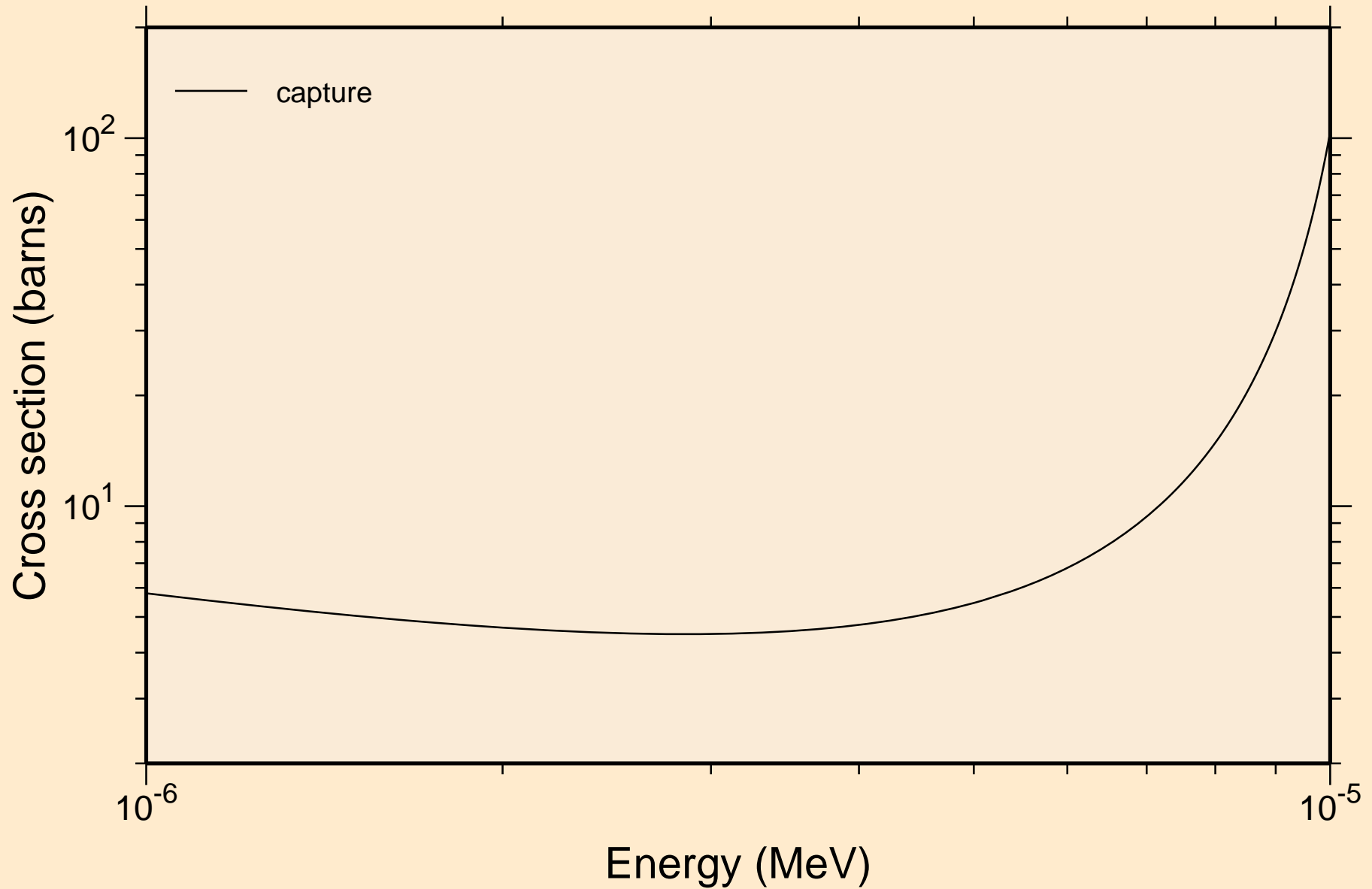
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



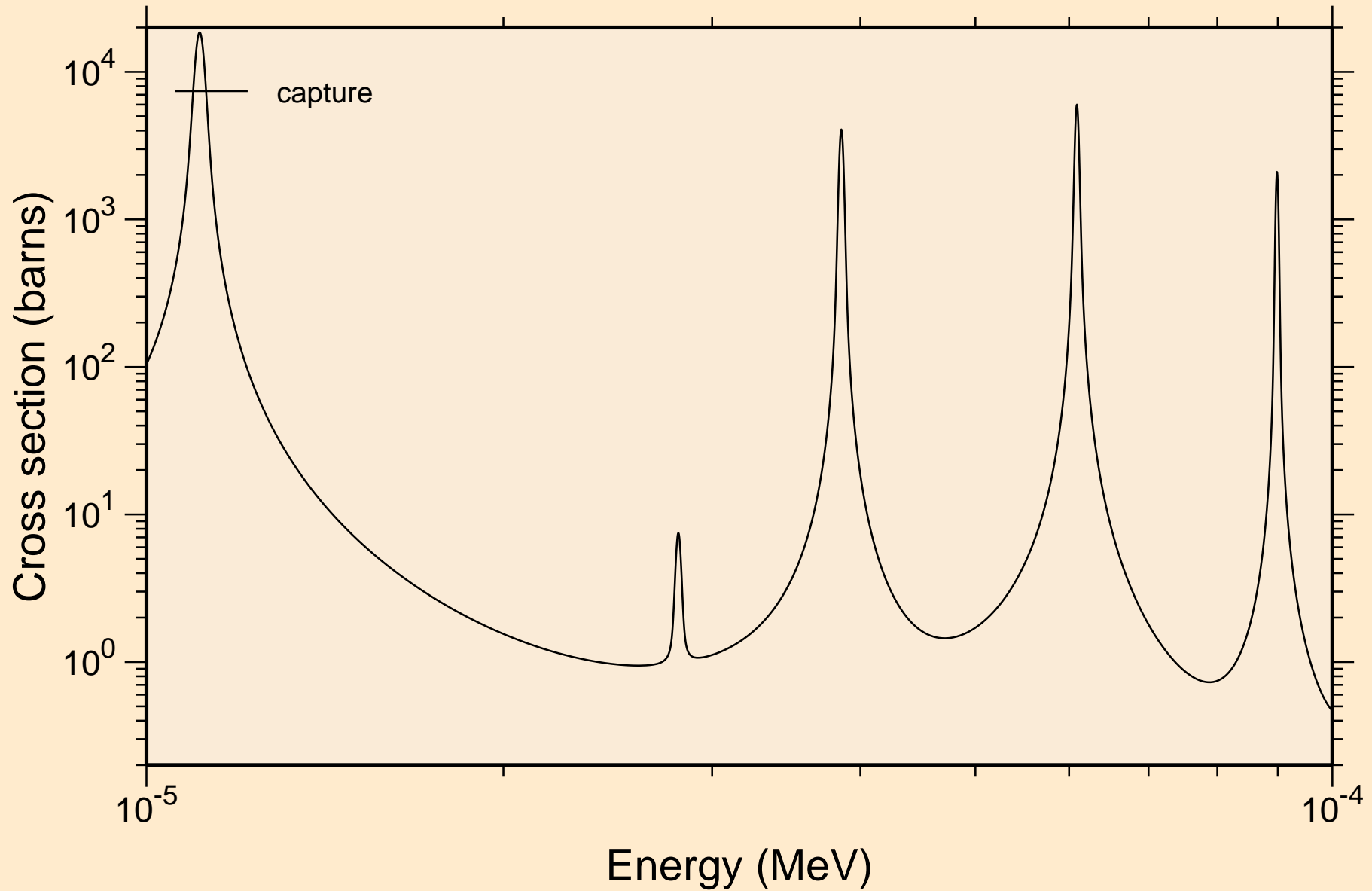
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



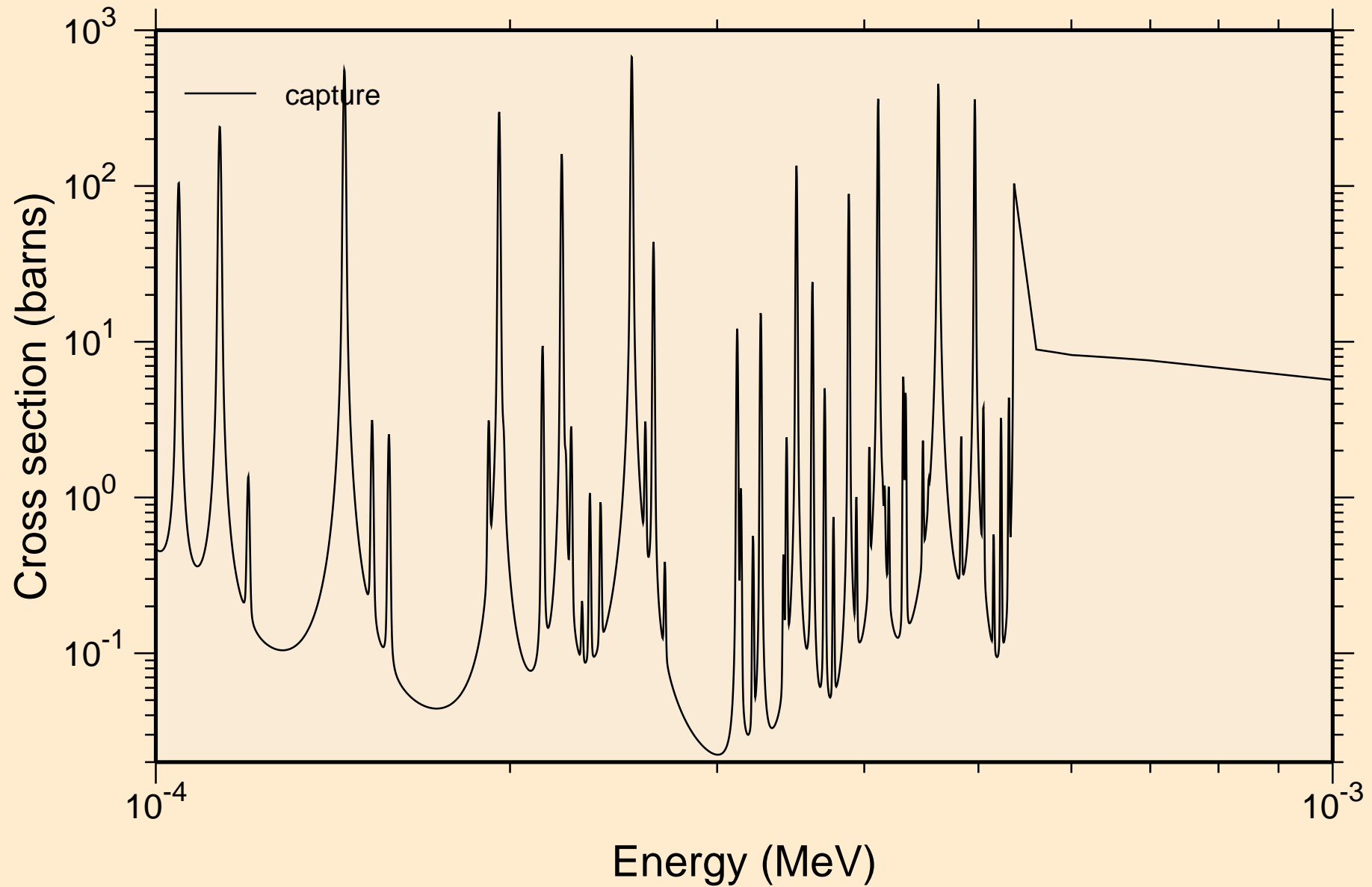
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

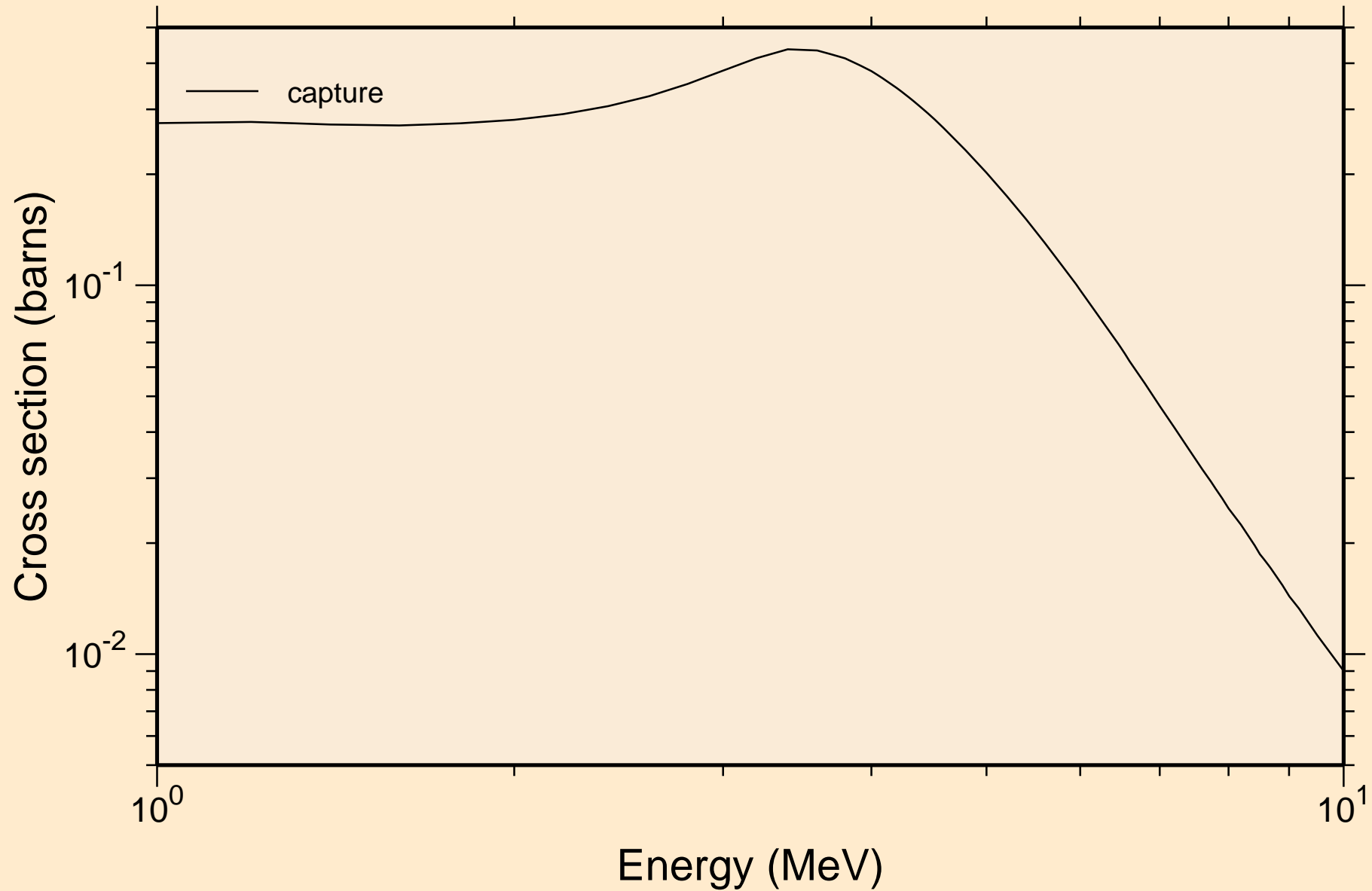


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

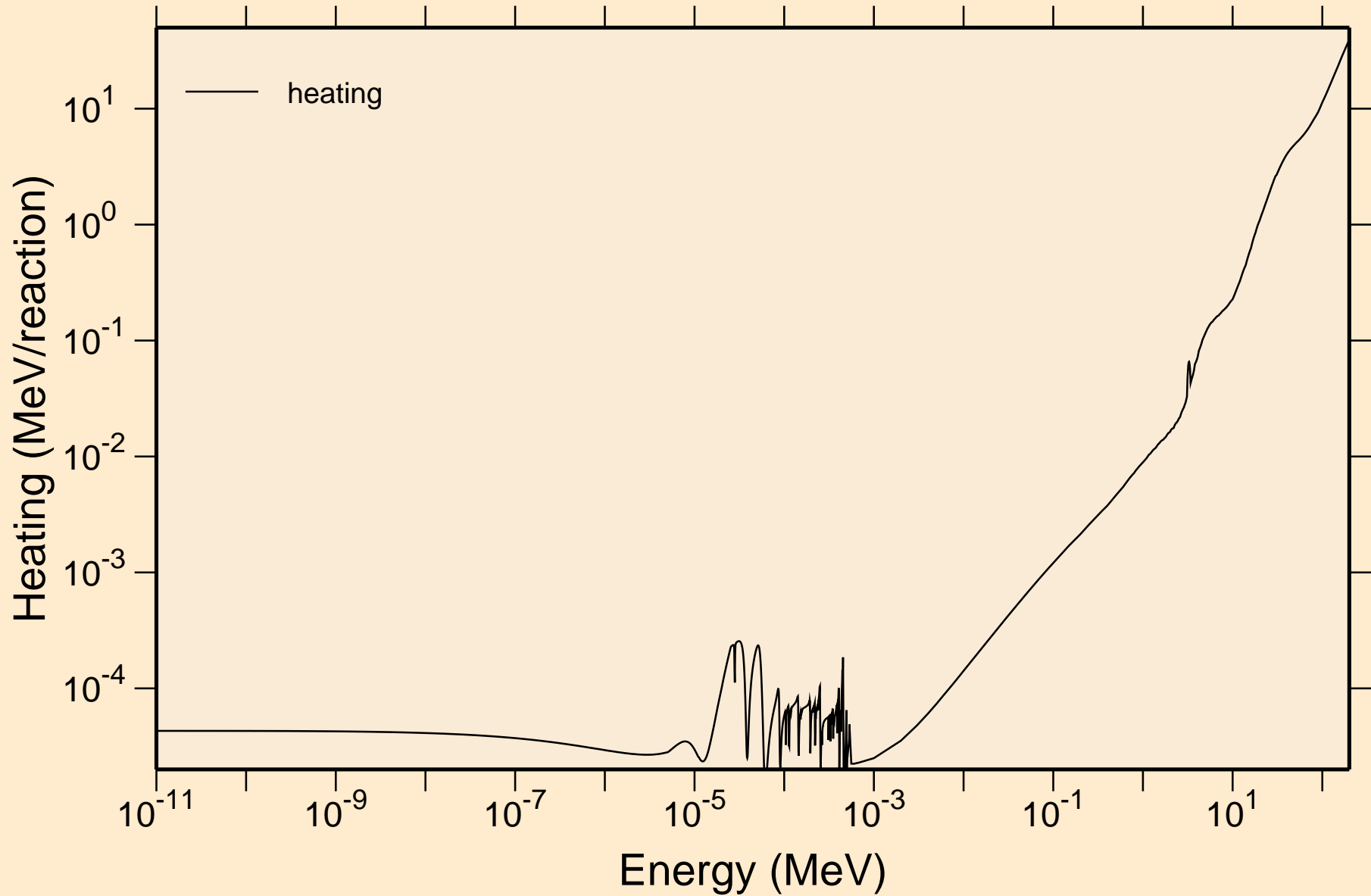




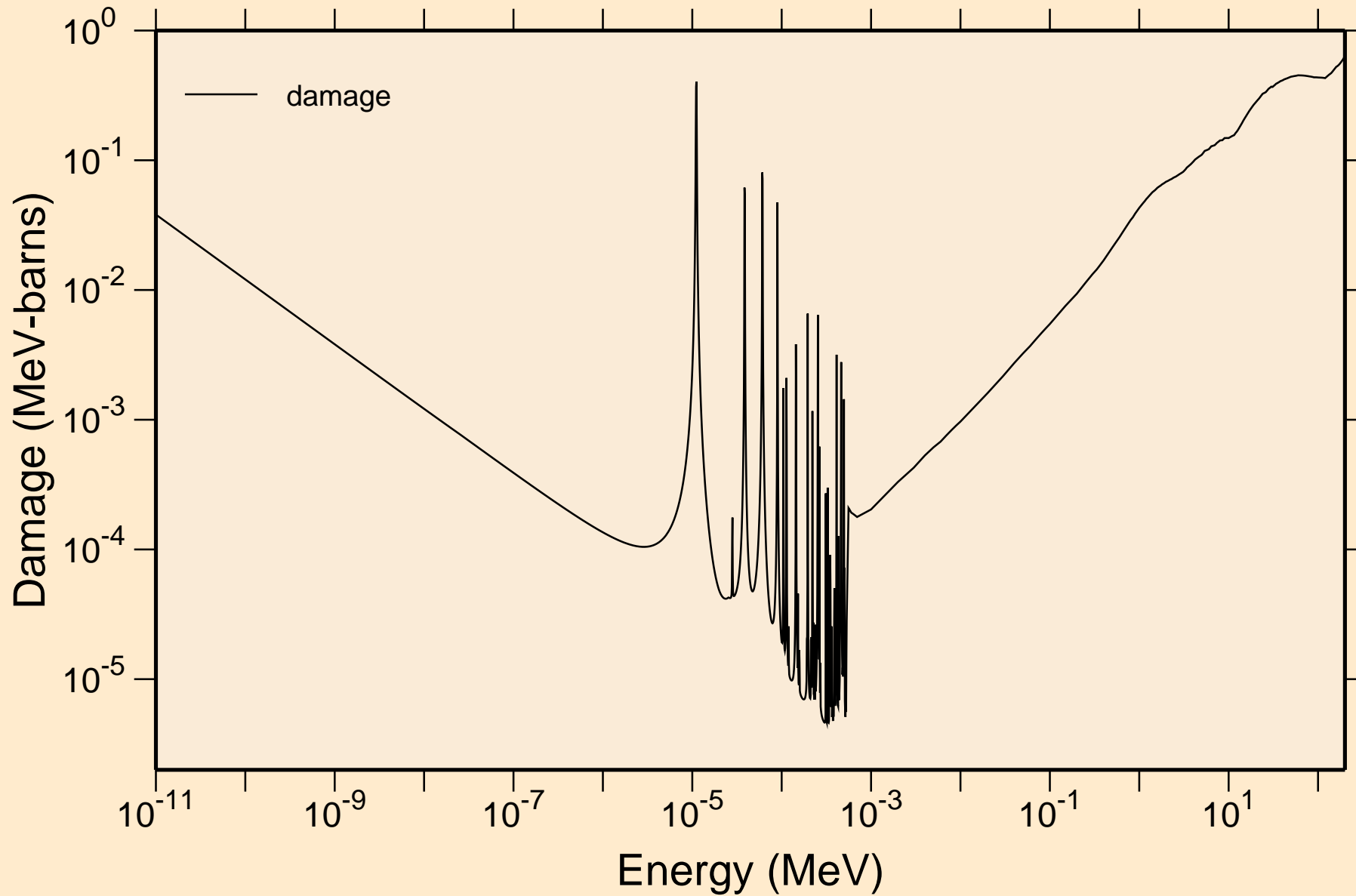
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

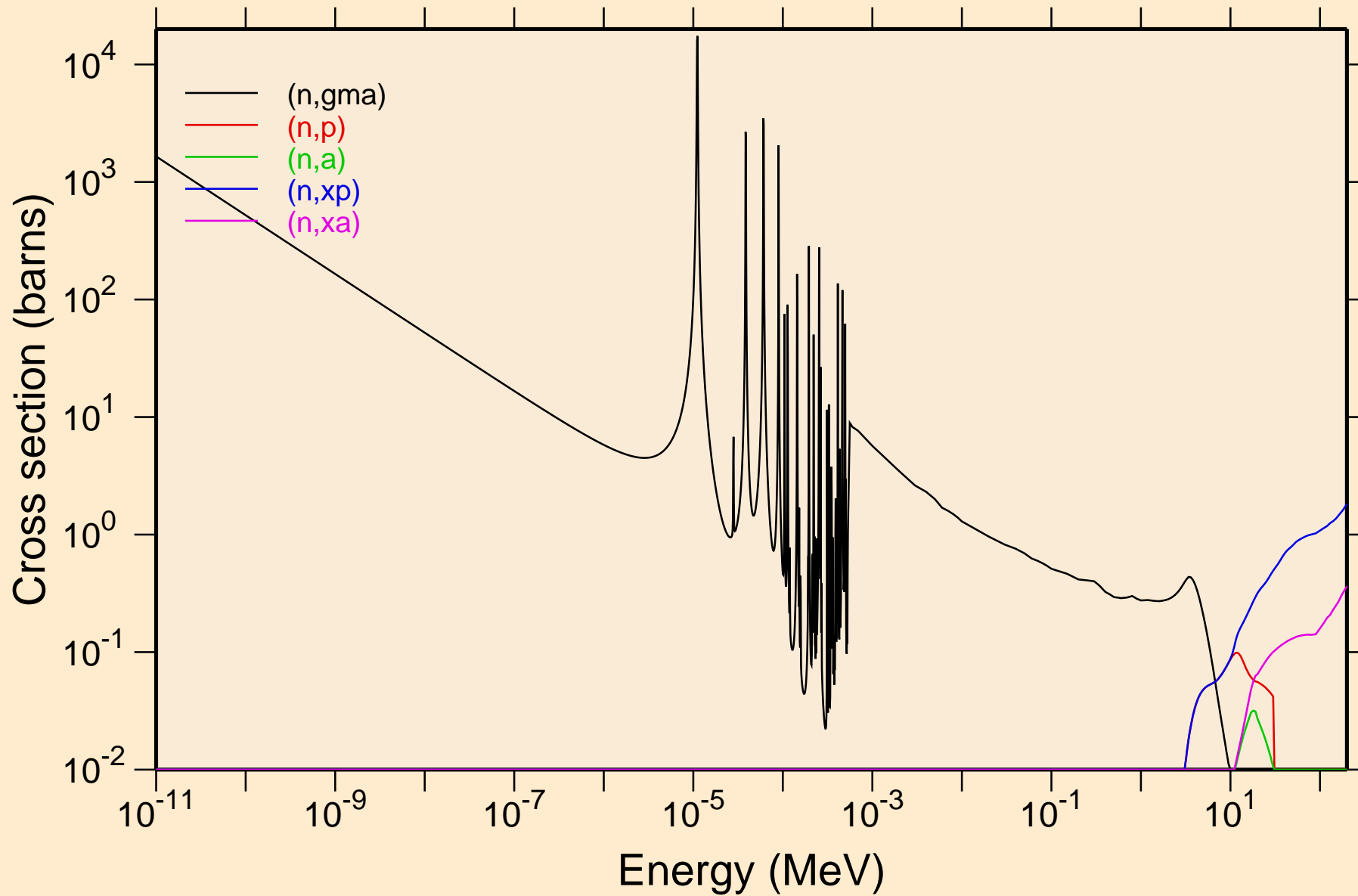


# XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage

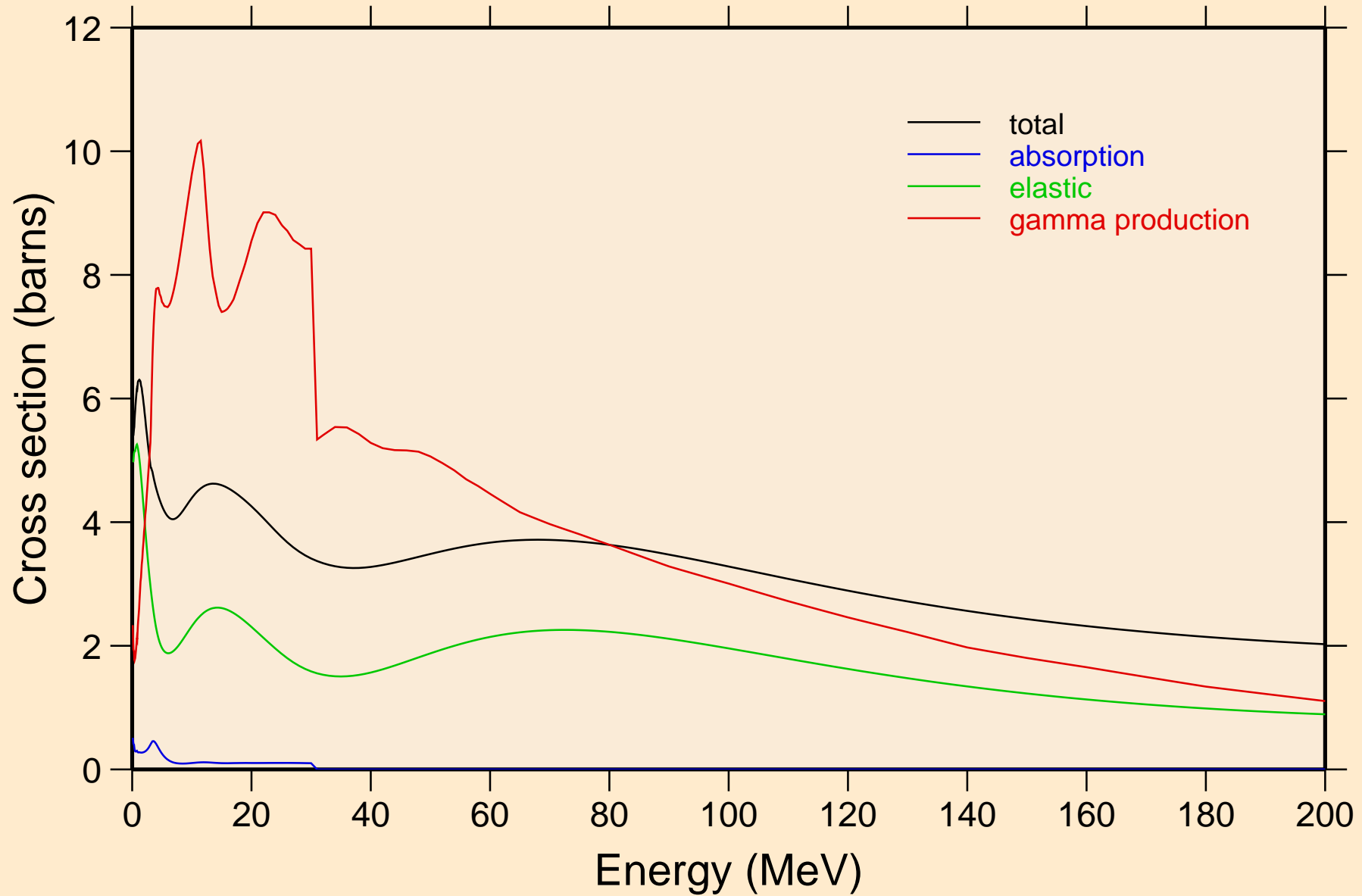


# XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

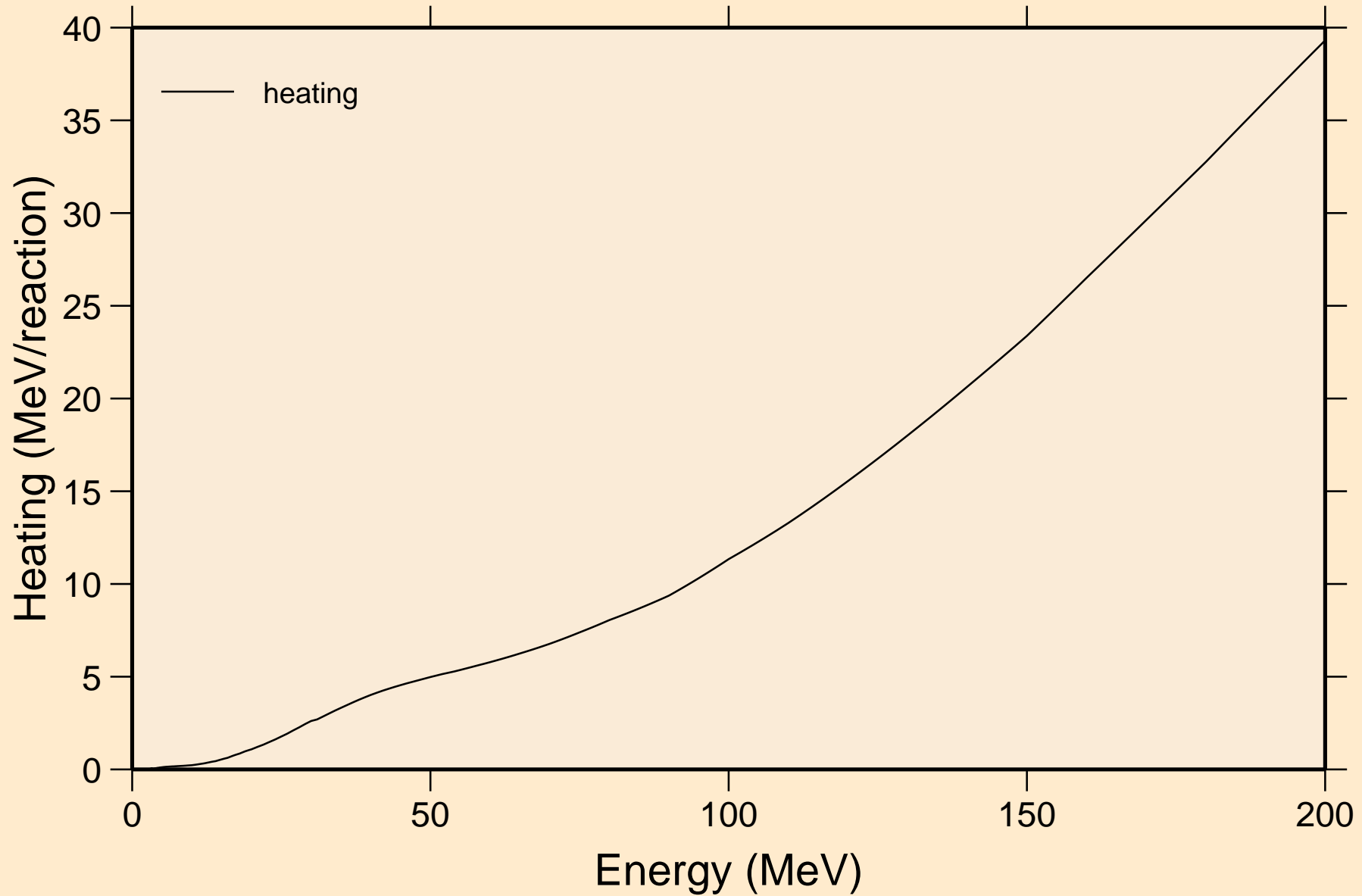


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

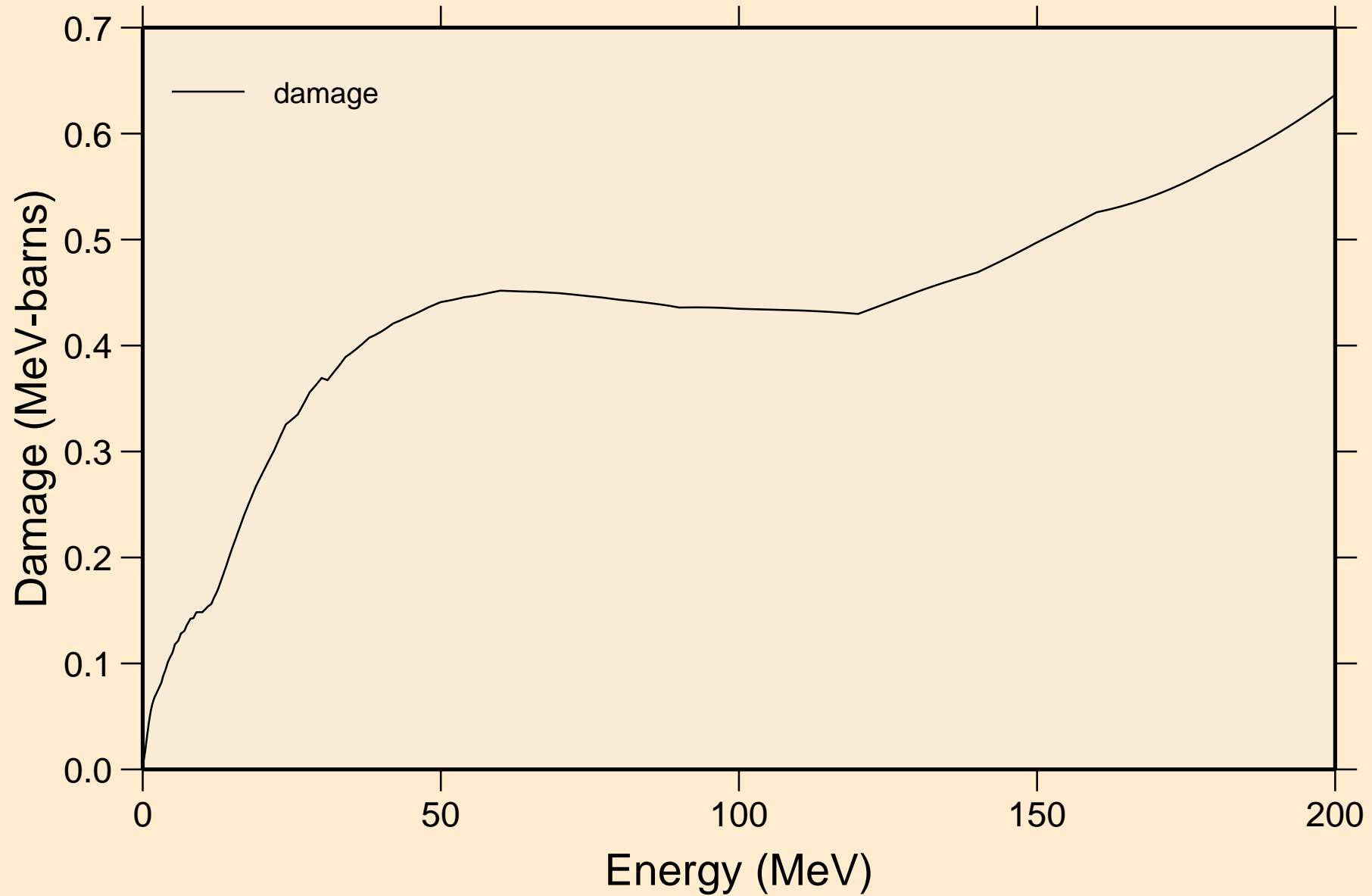


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

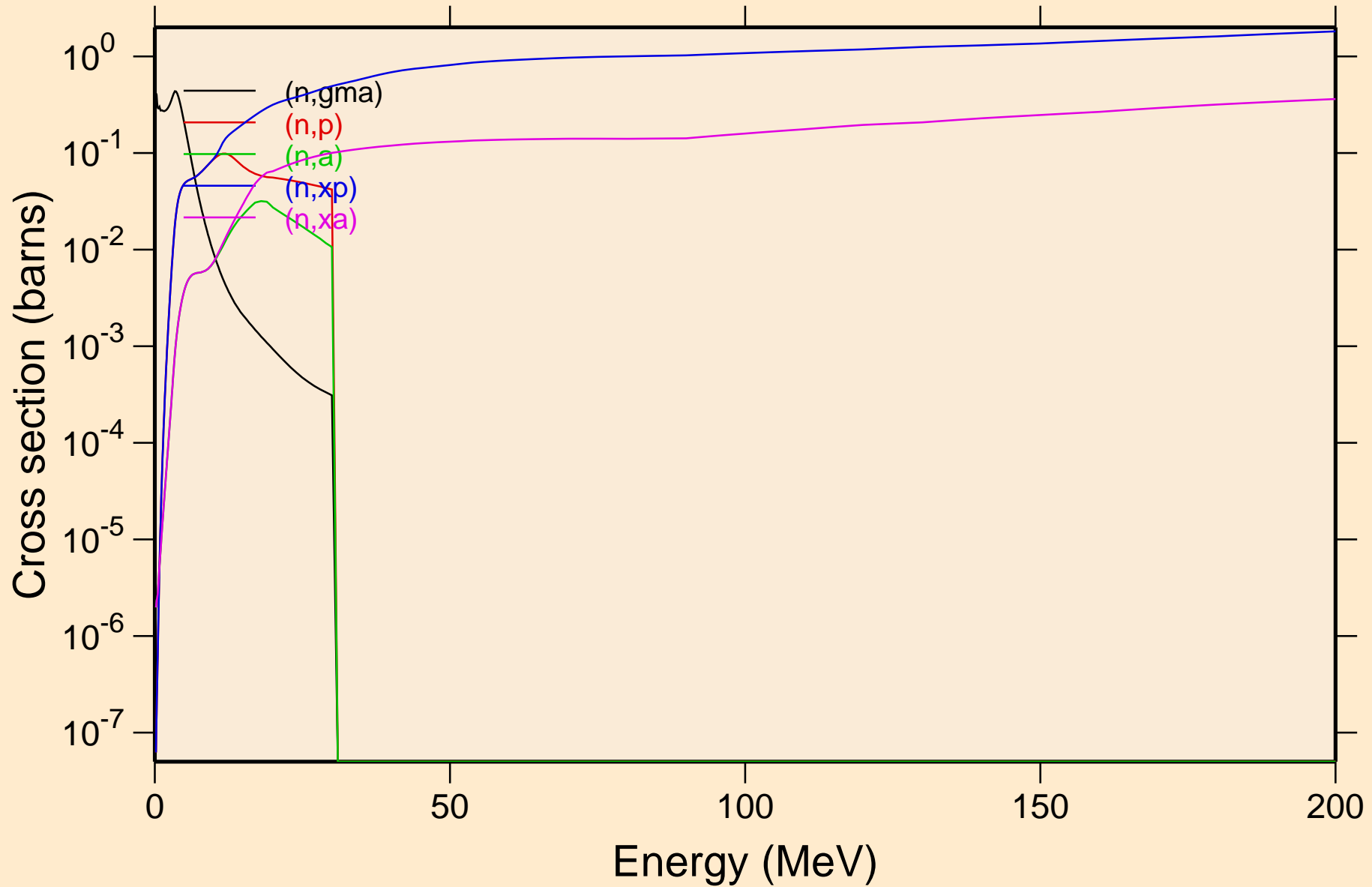
Heating



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

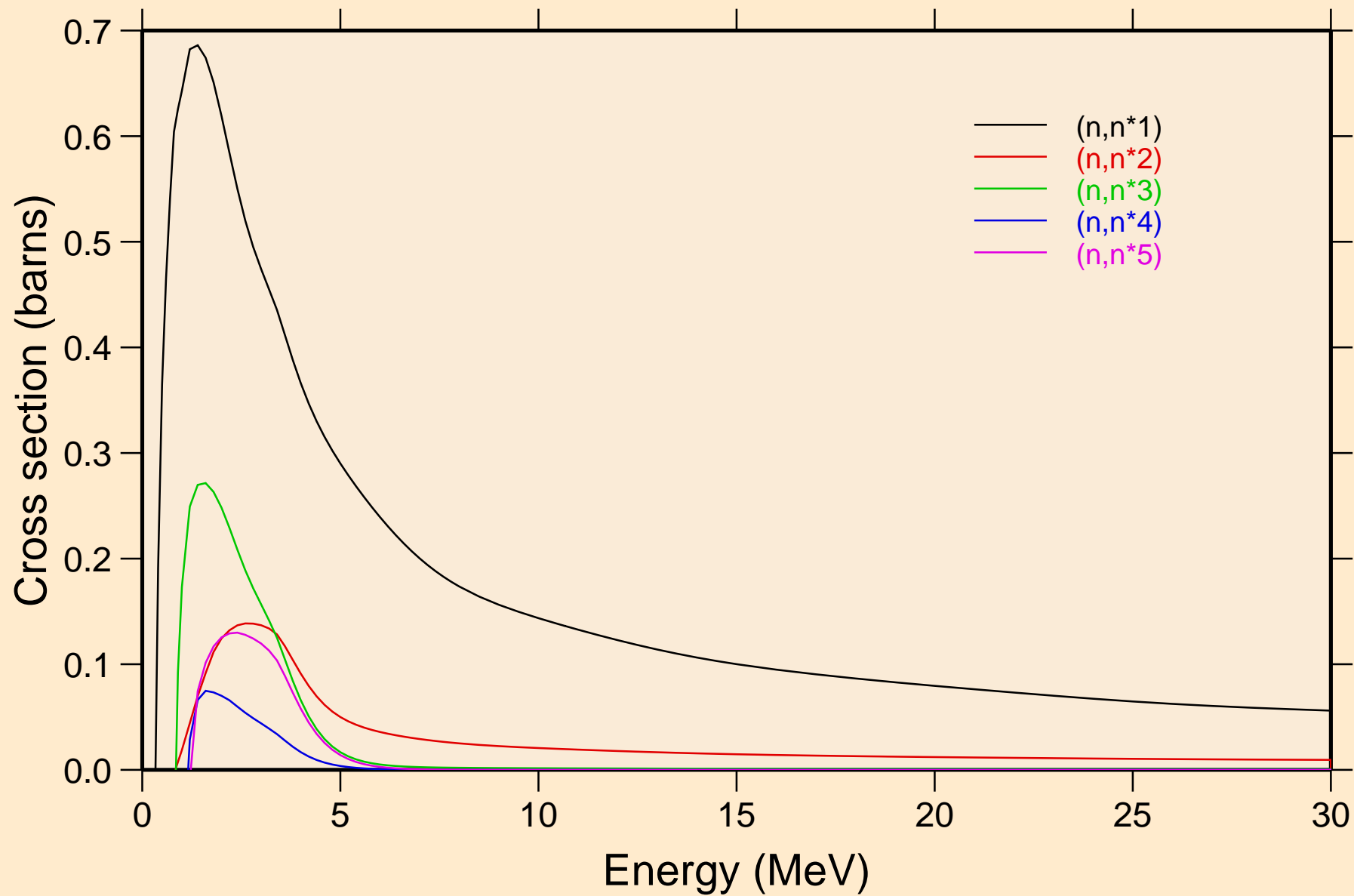


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

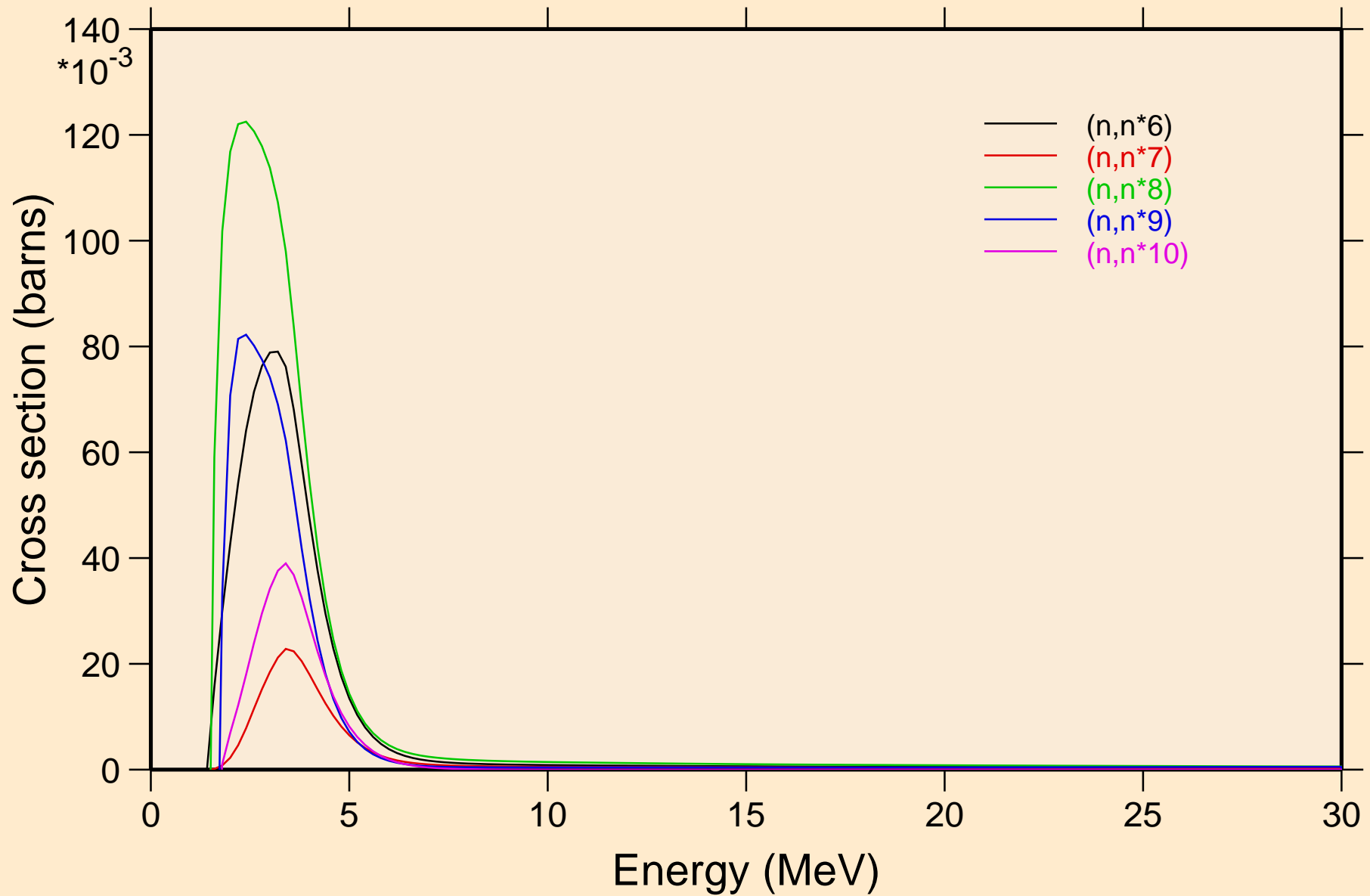




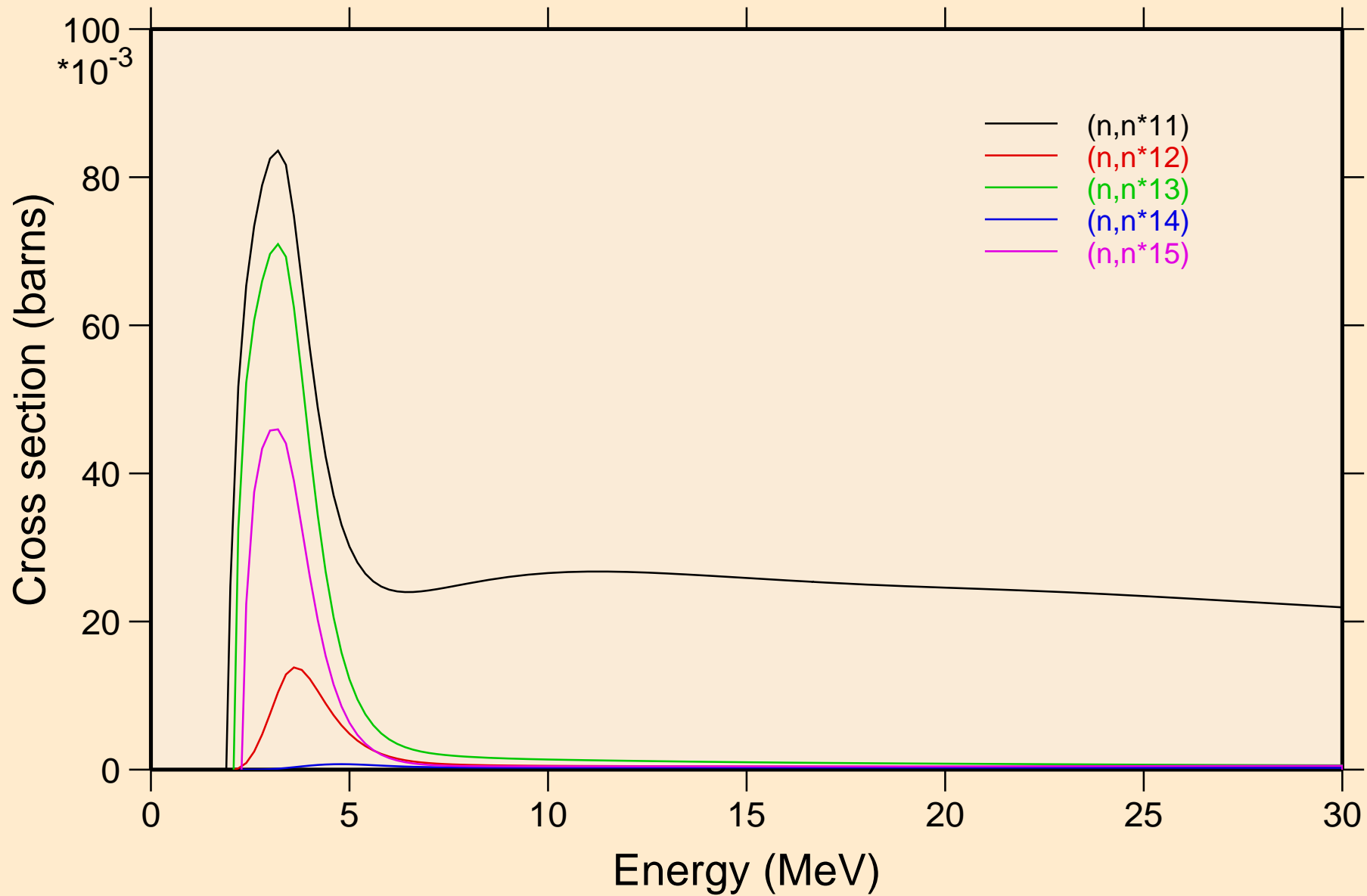
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



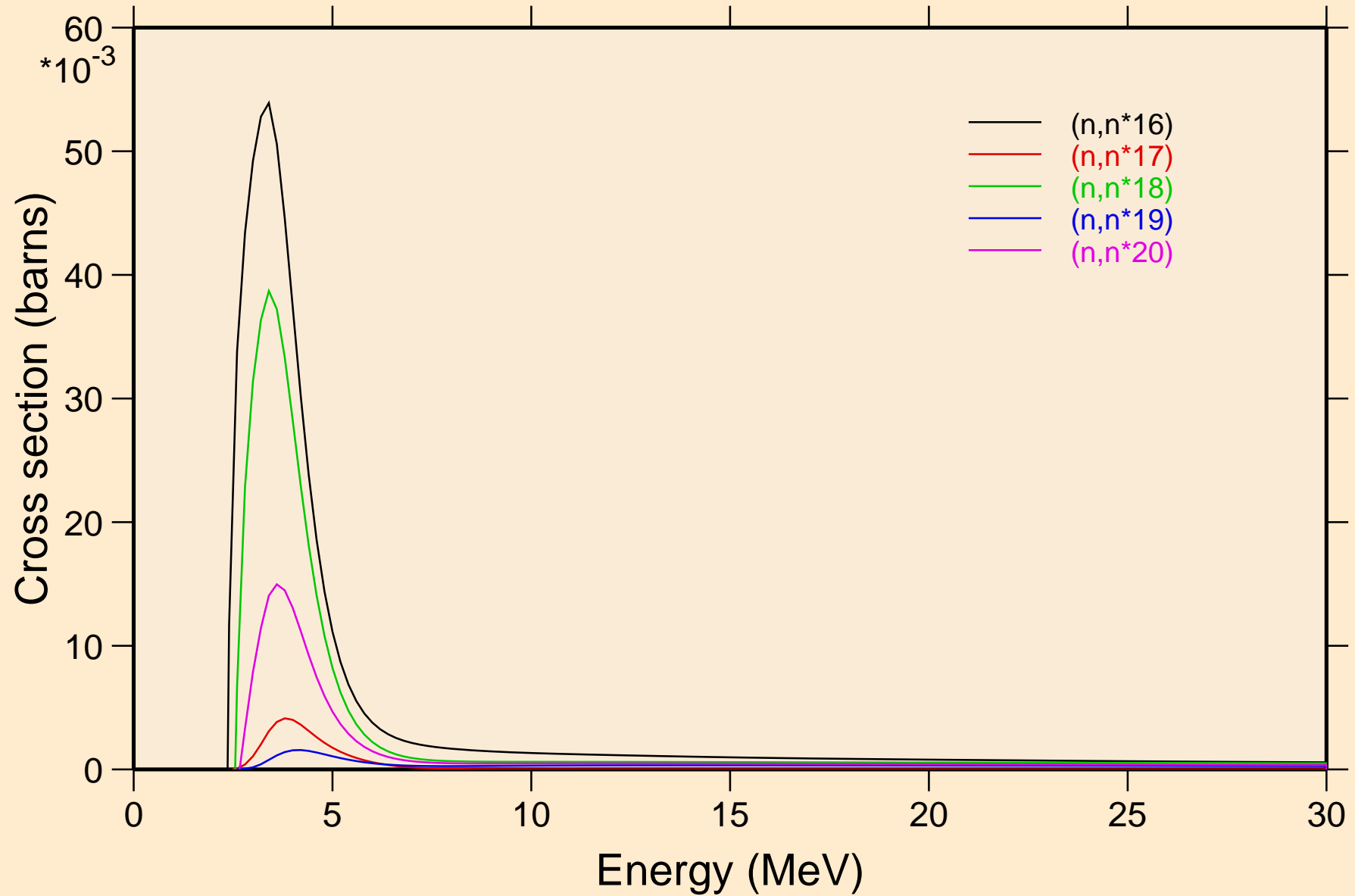
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



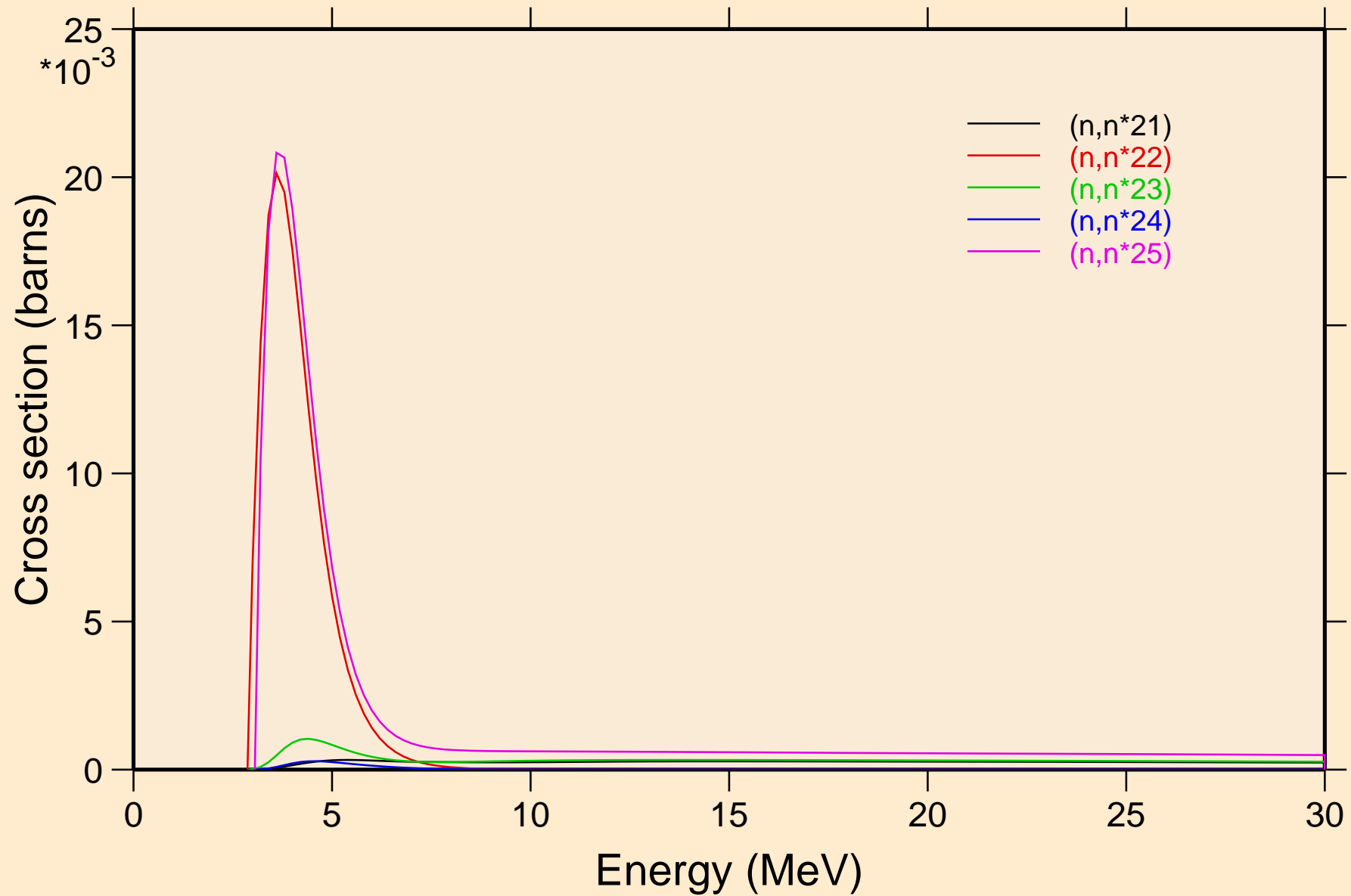
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



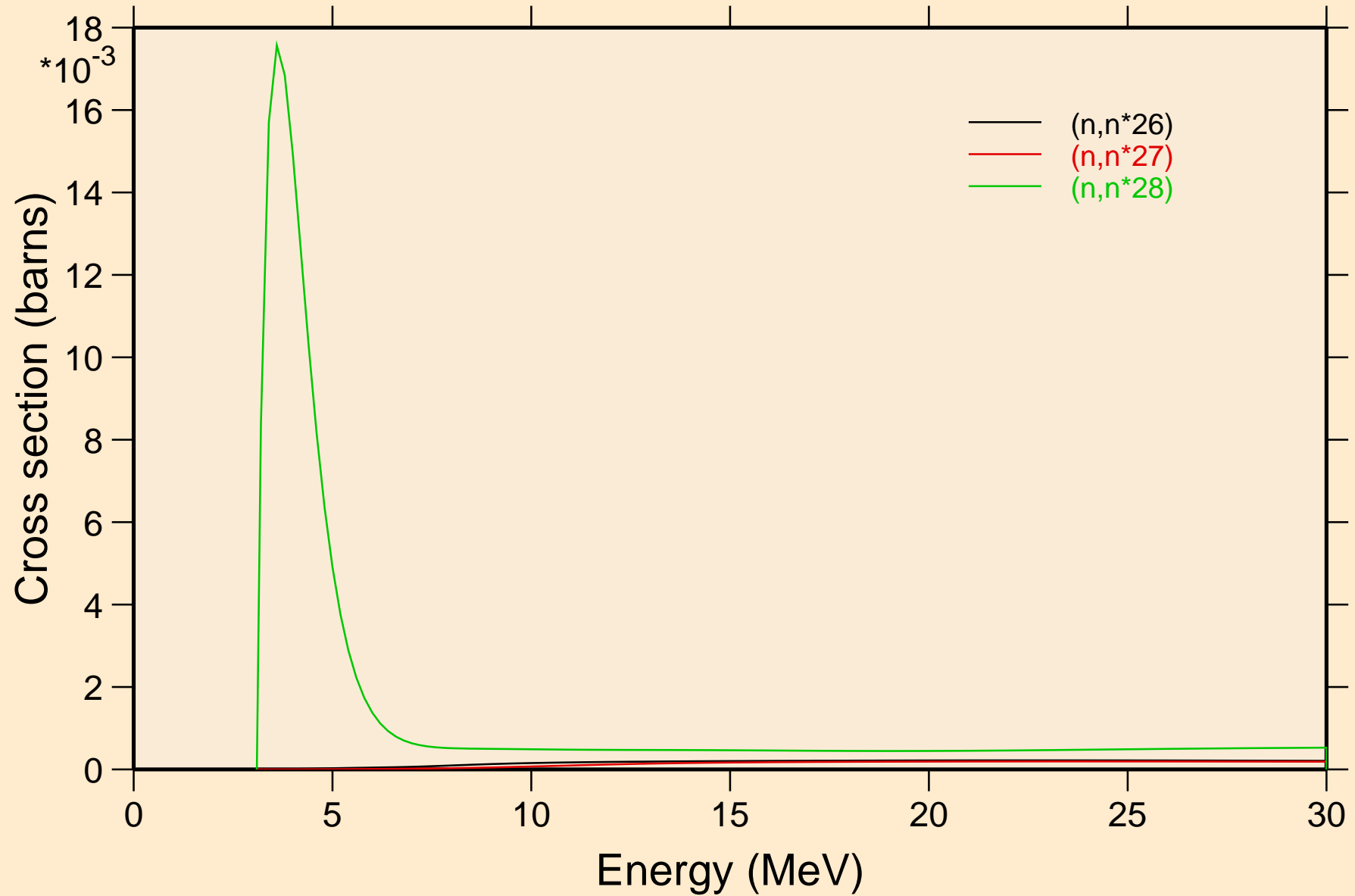
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



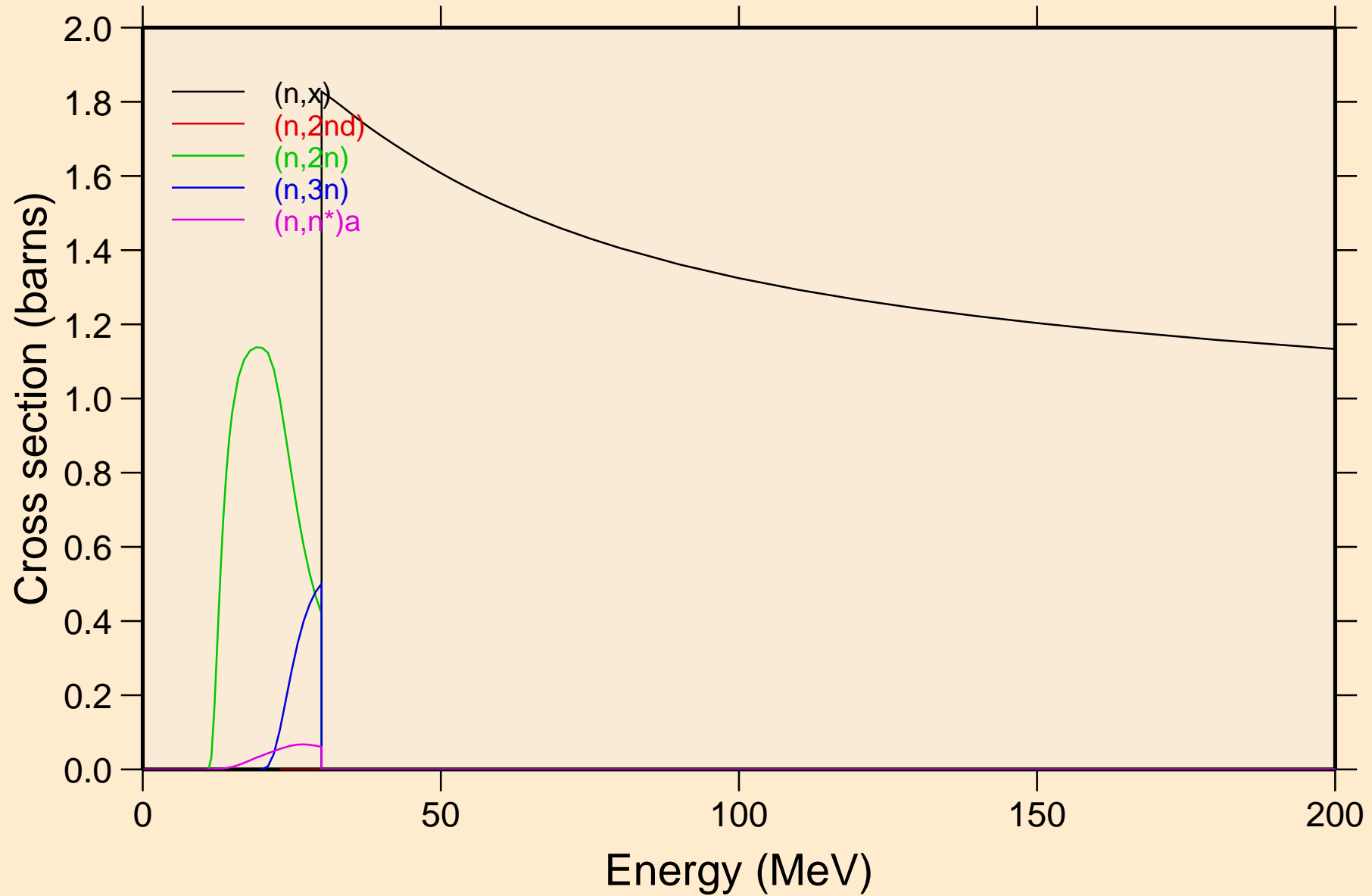
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



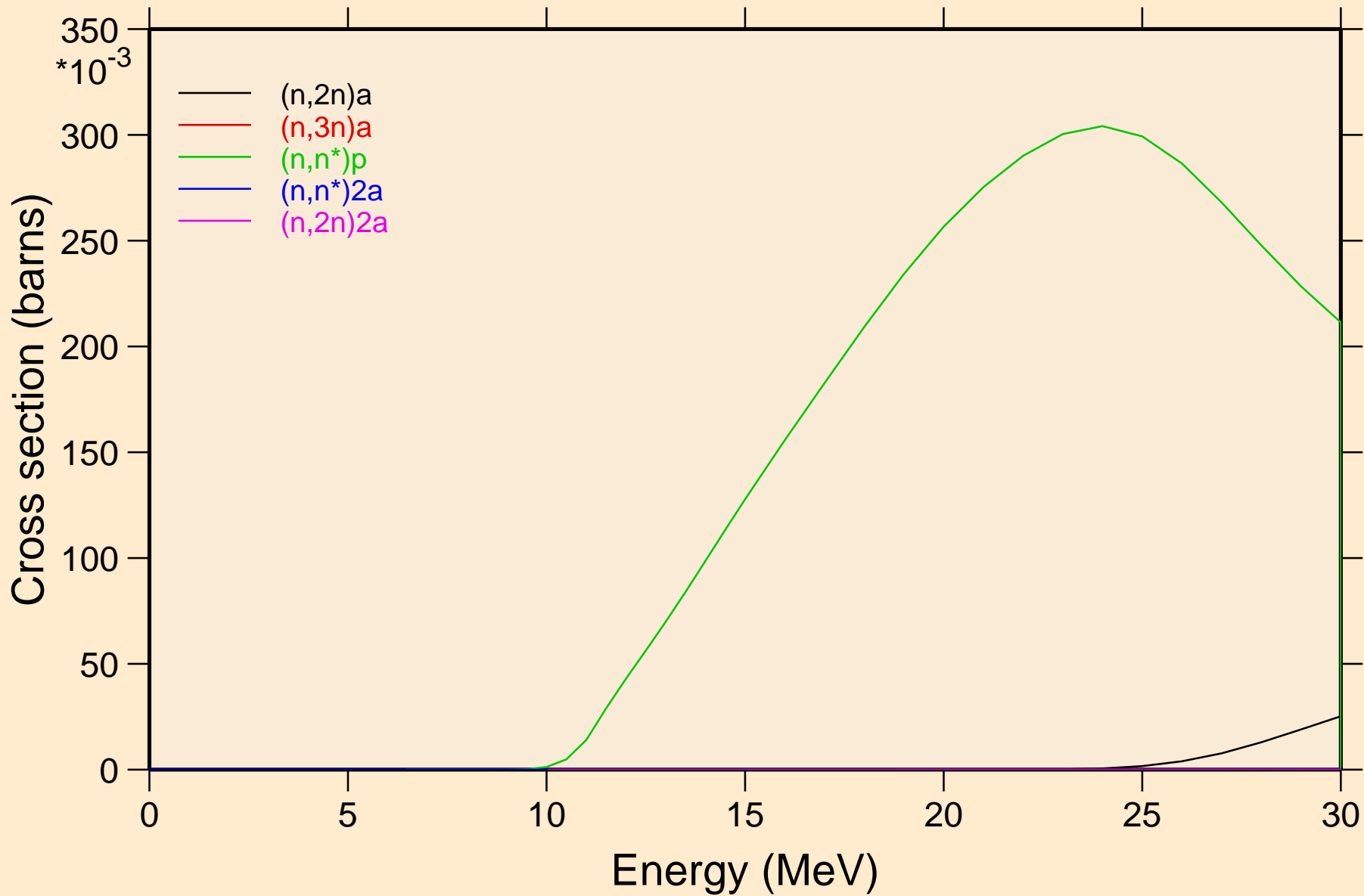
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

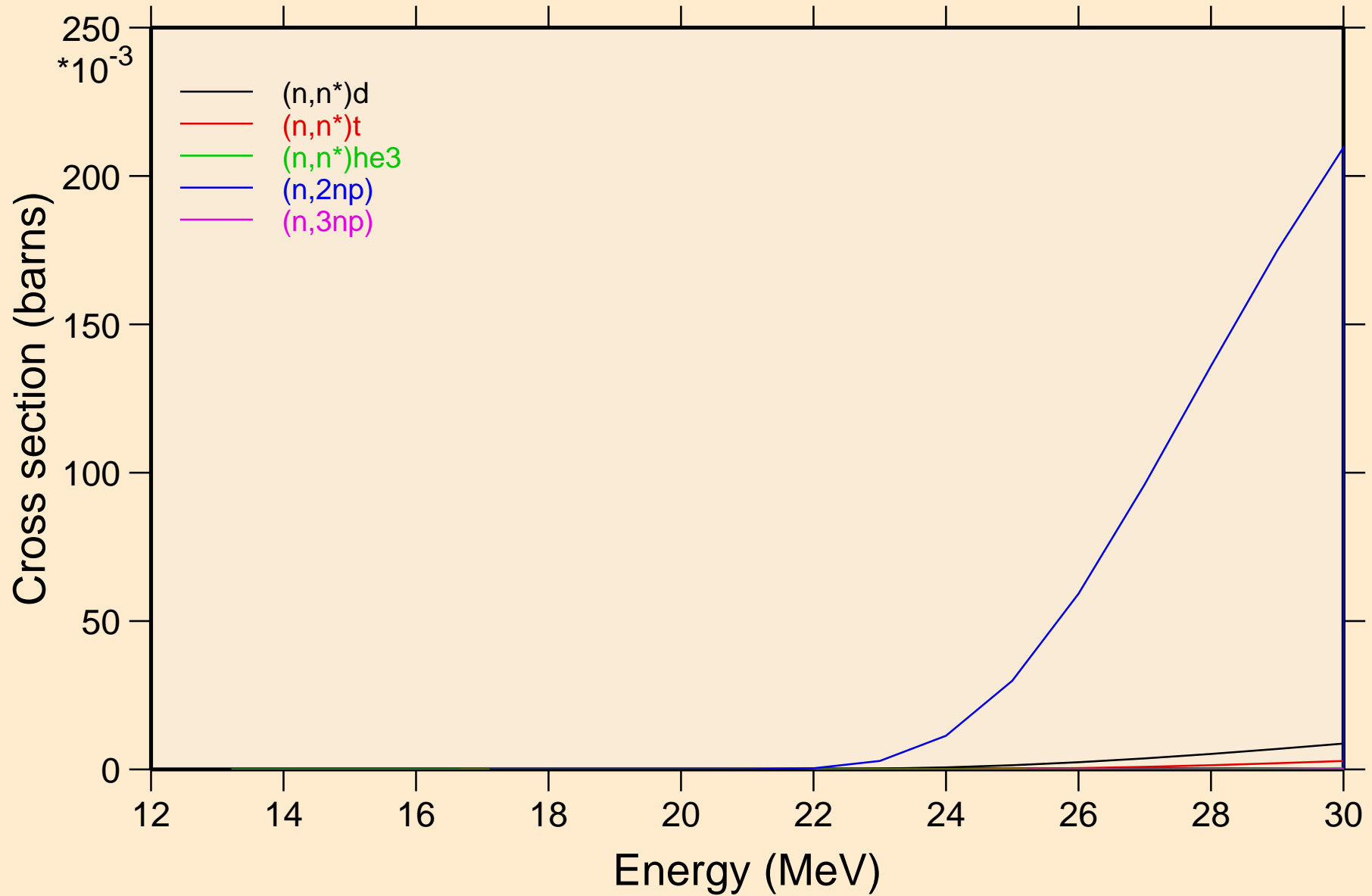


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

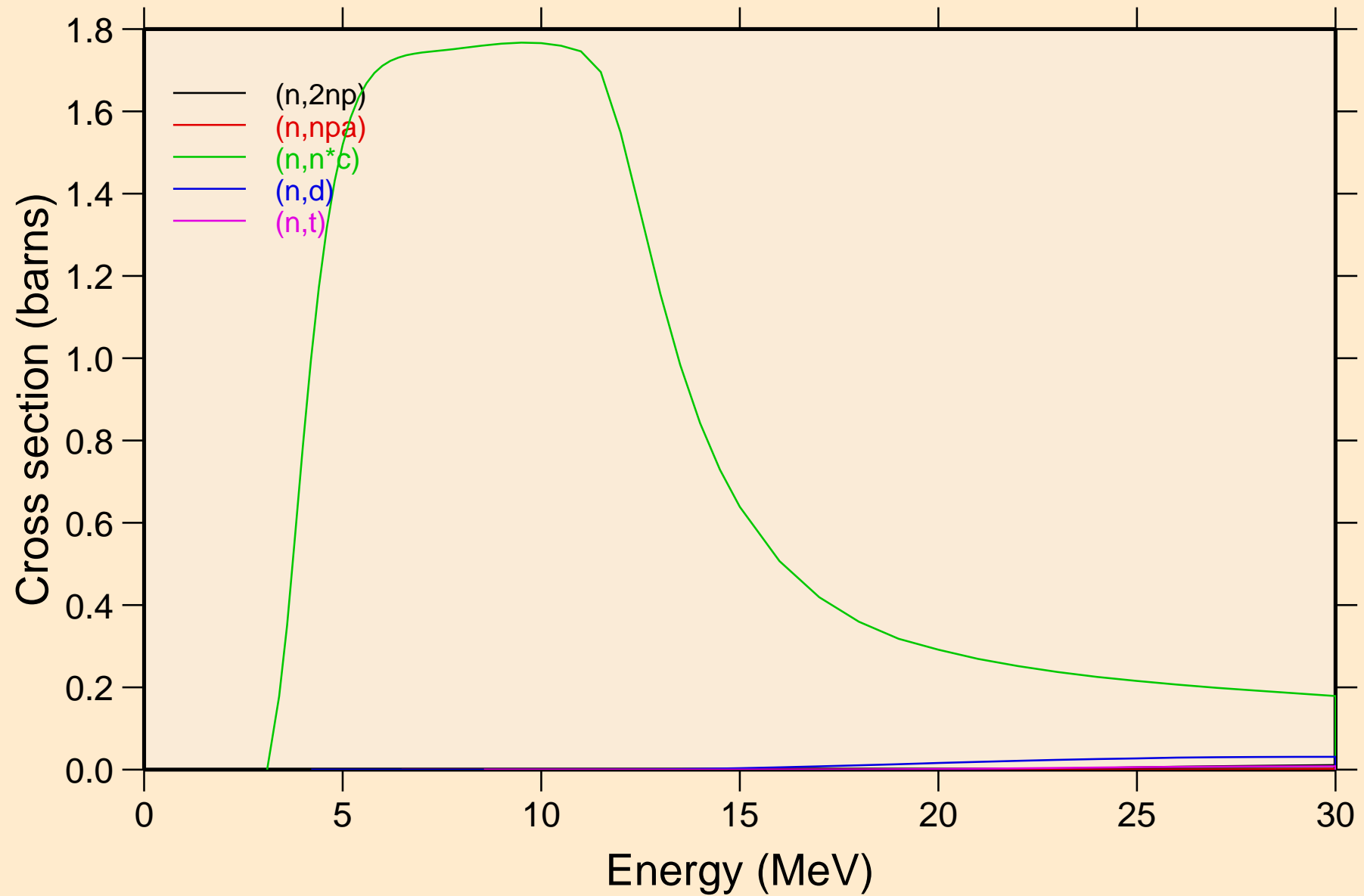




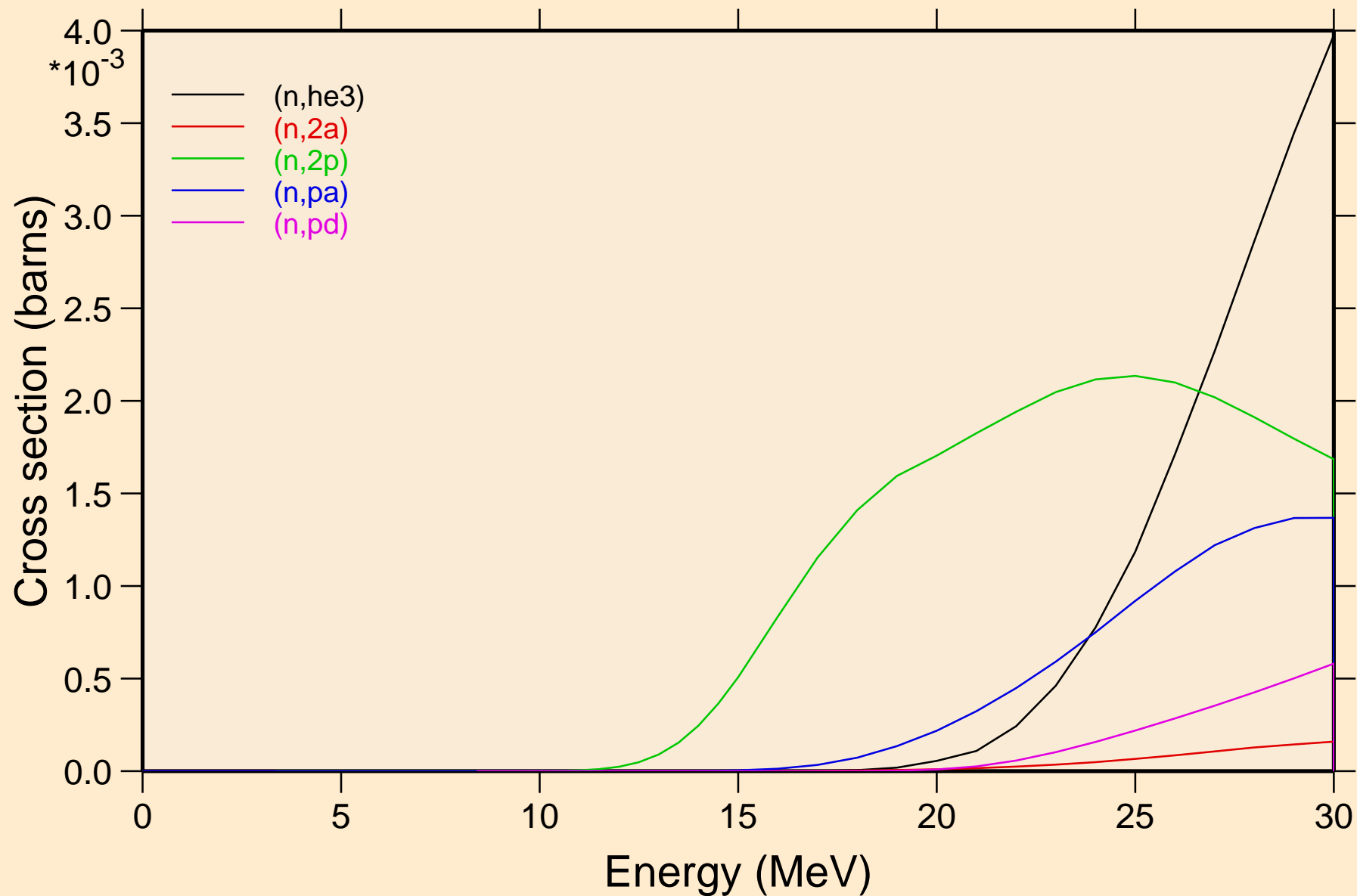
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



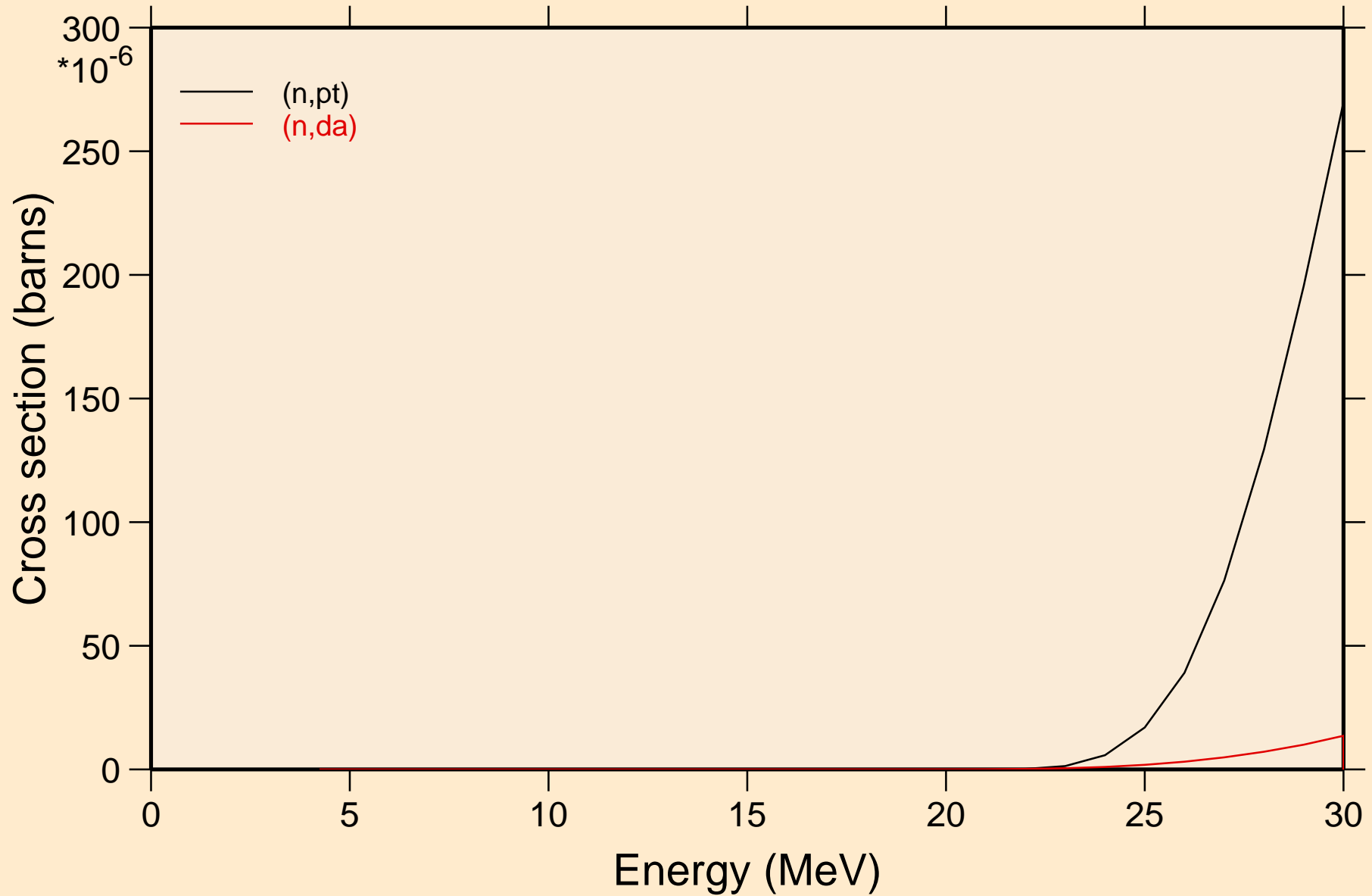
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



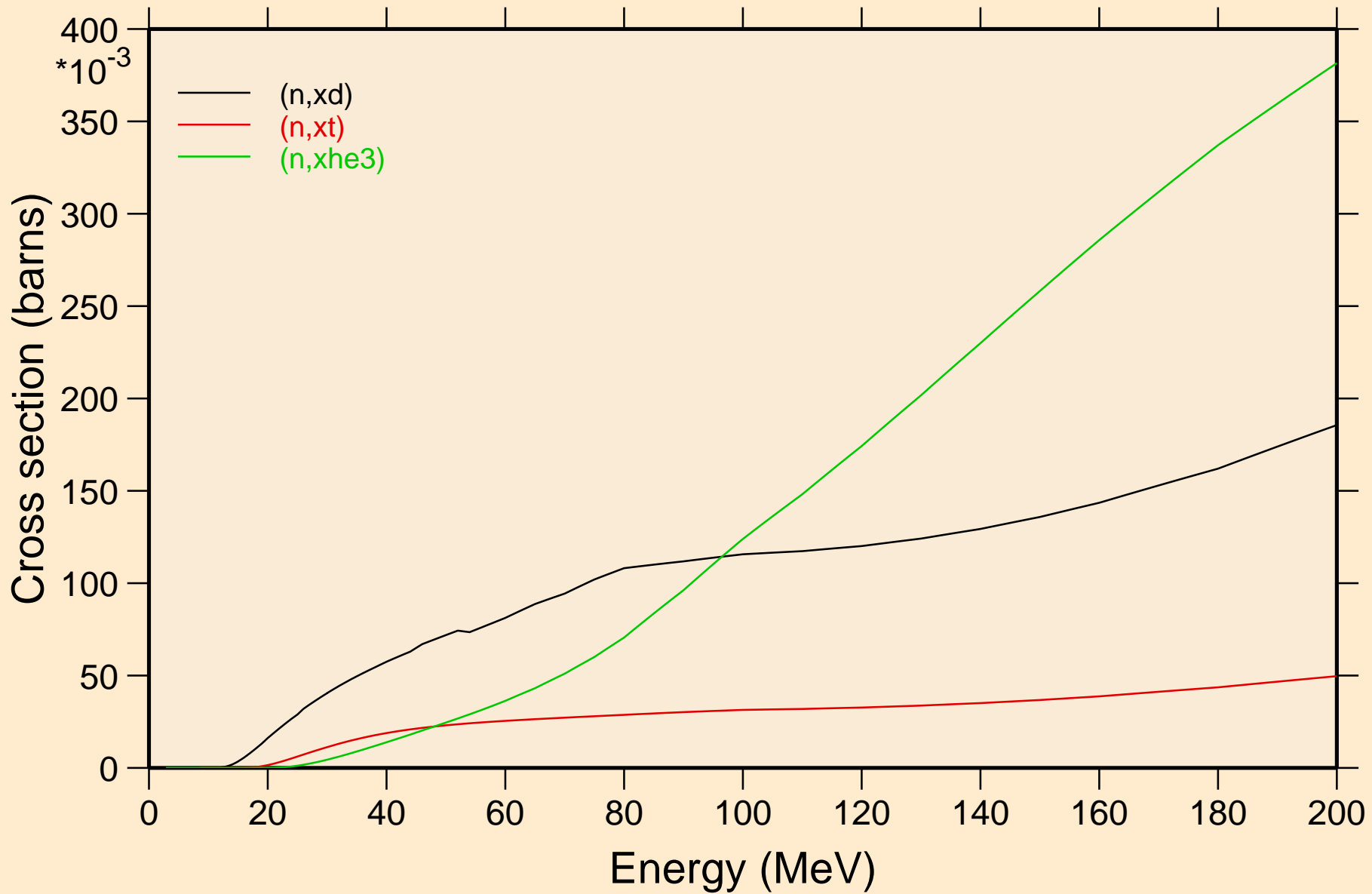
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



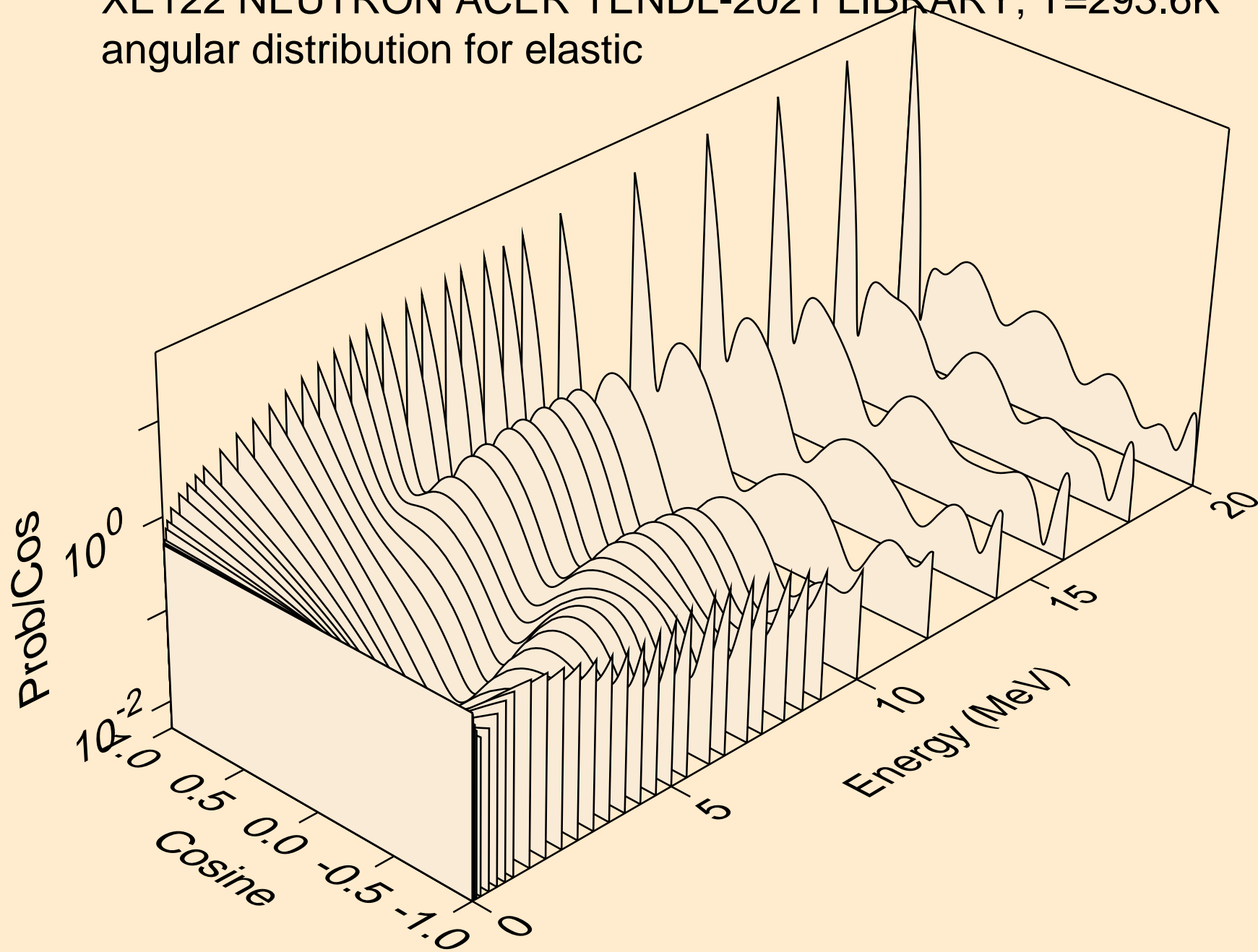
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



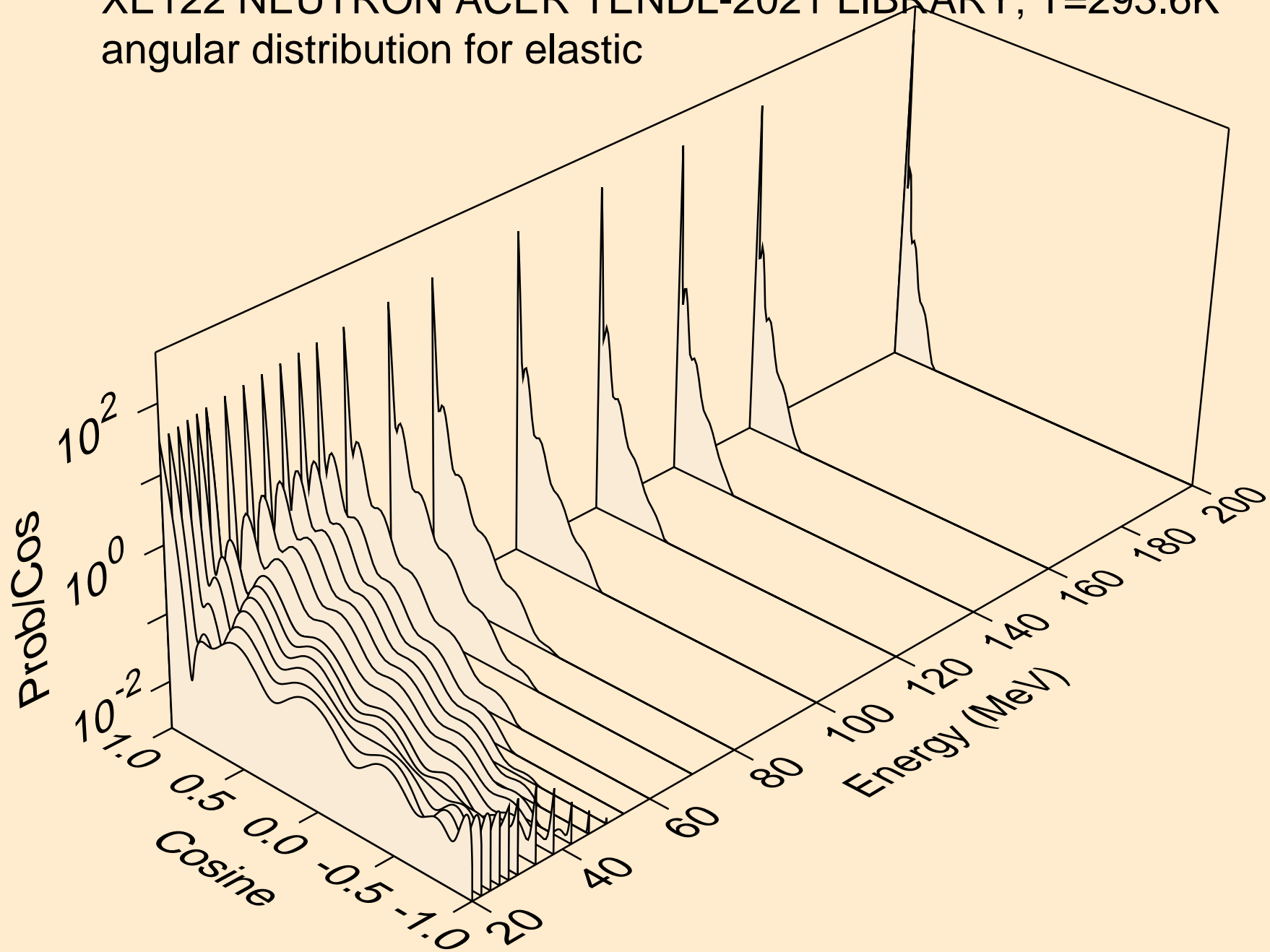
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



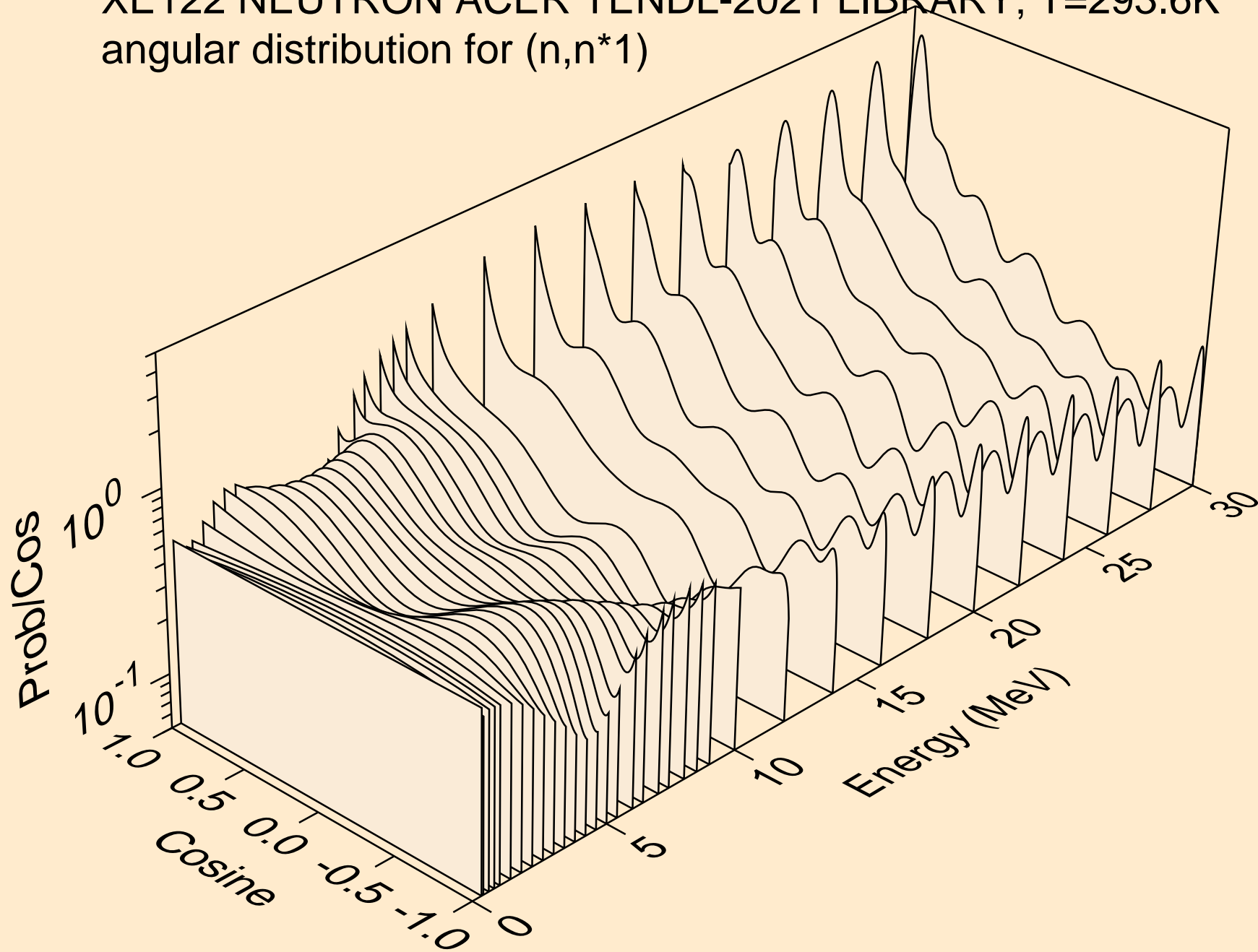
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

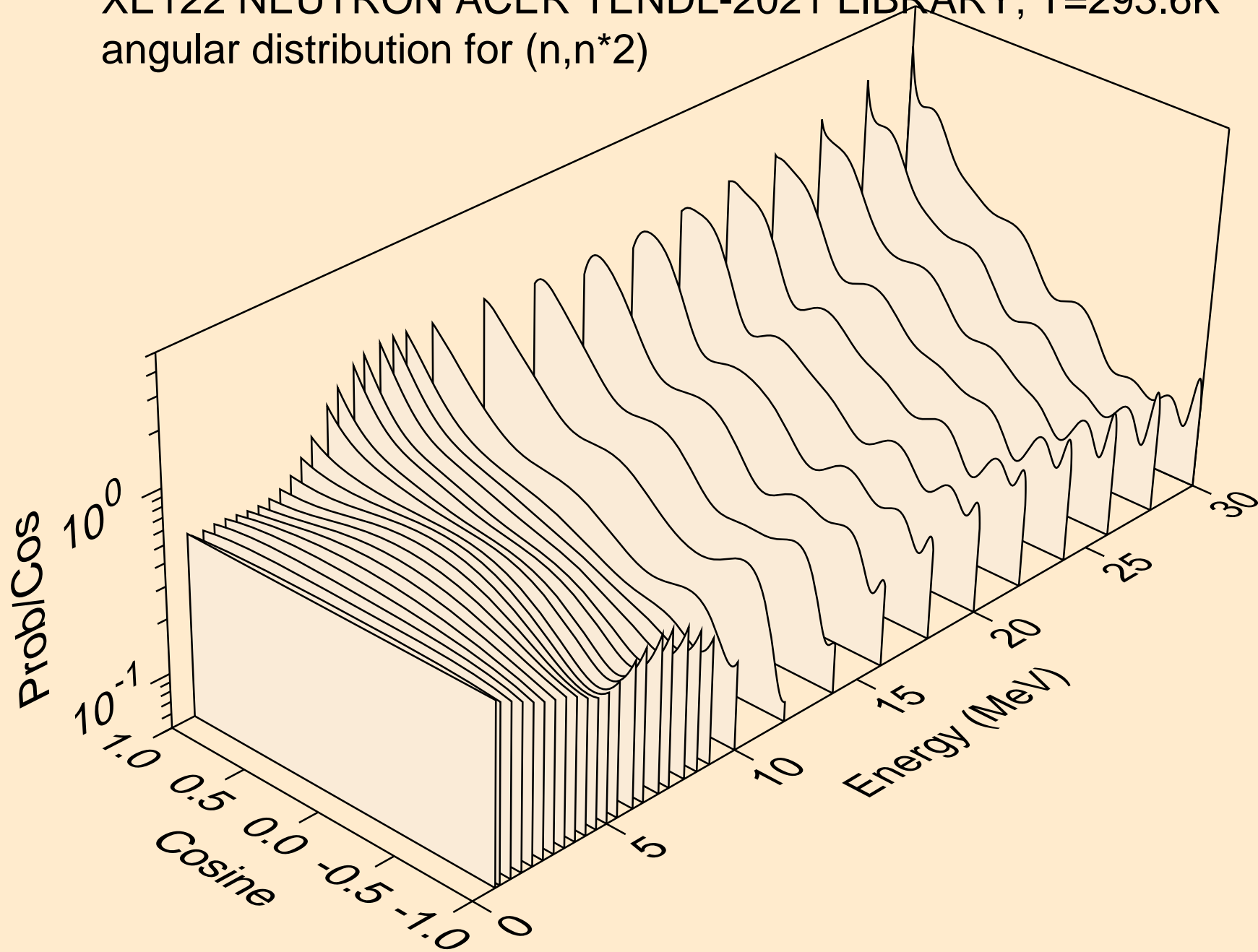


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

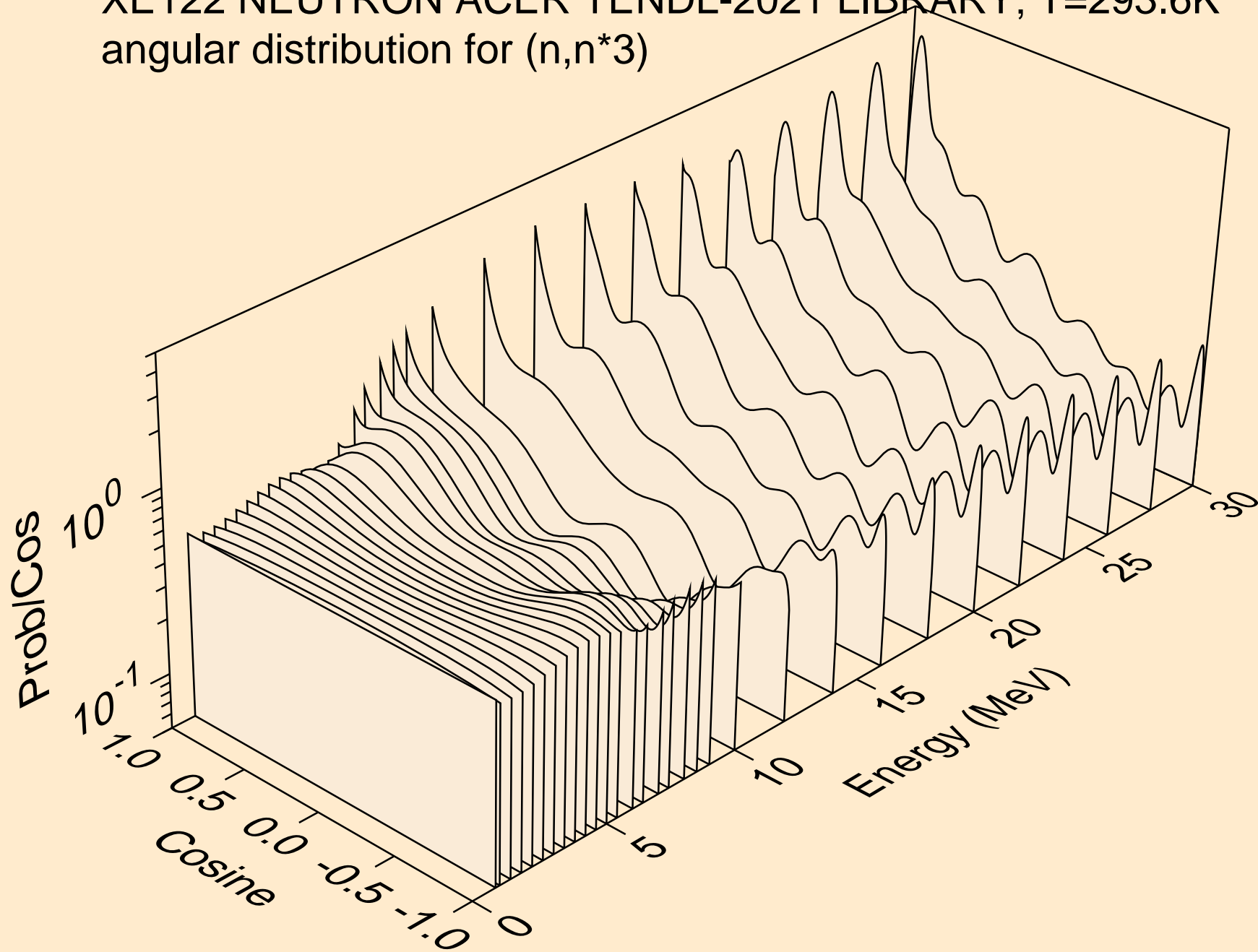




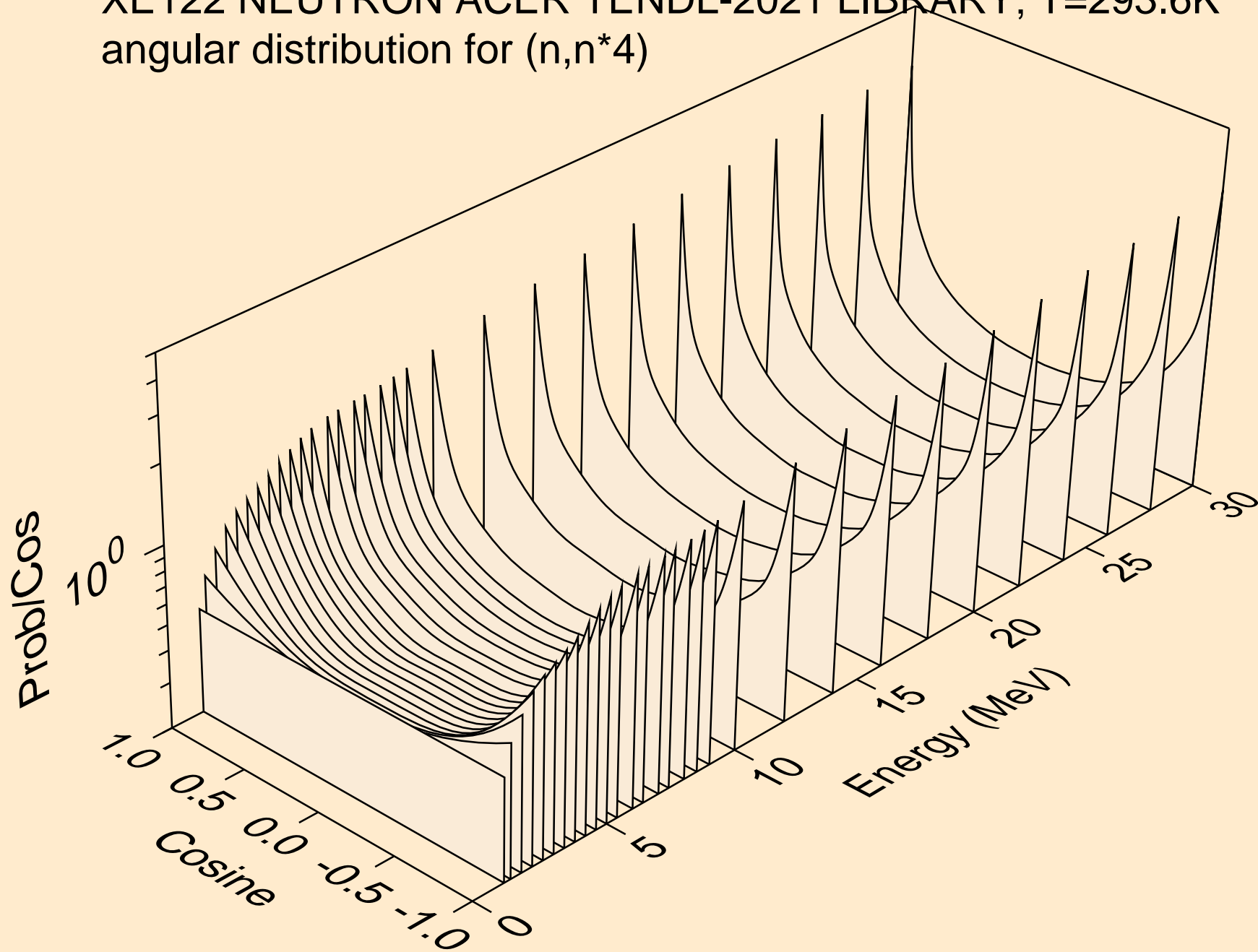
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



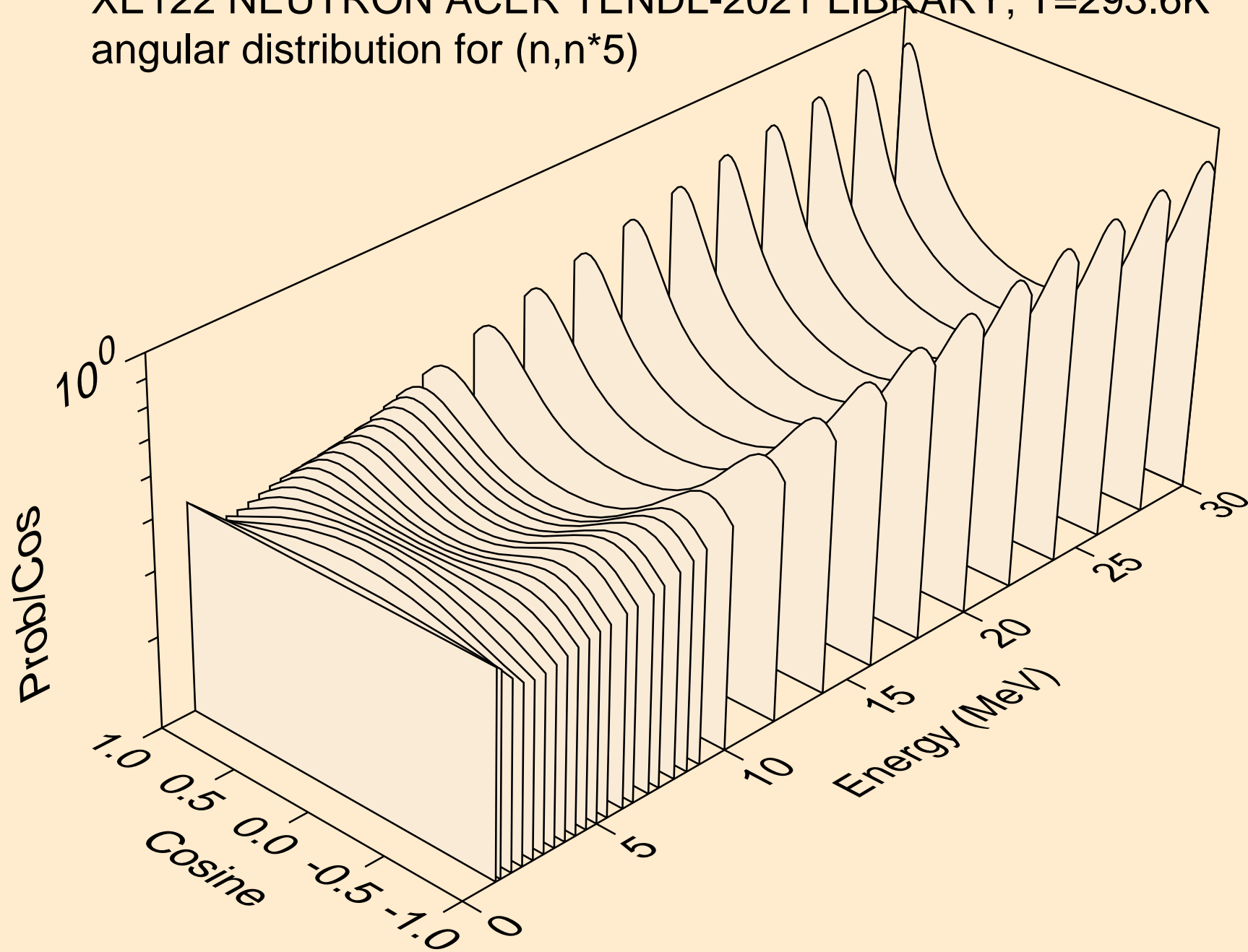
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



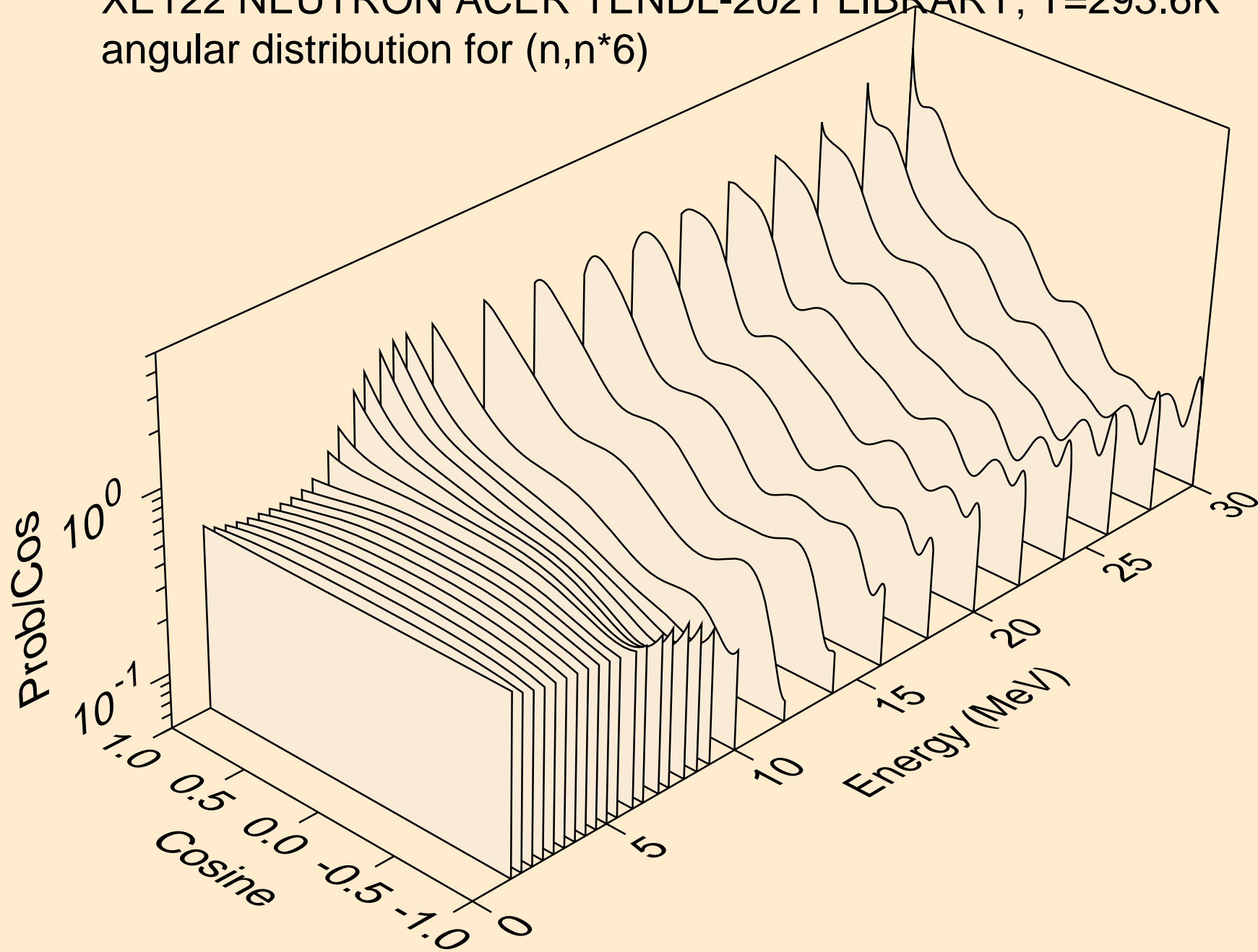
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



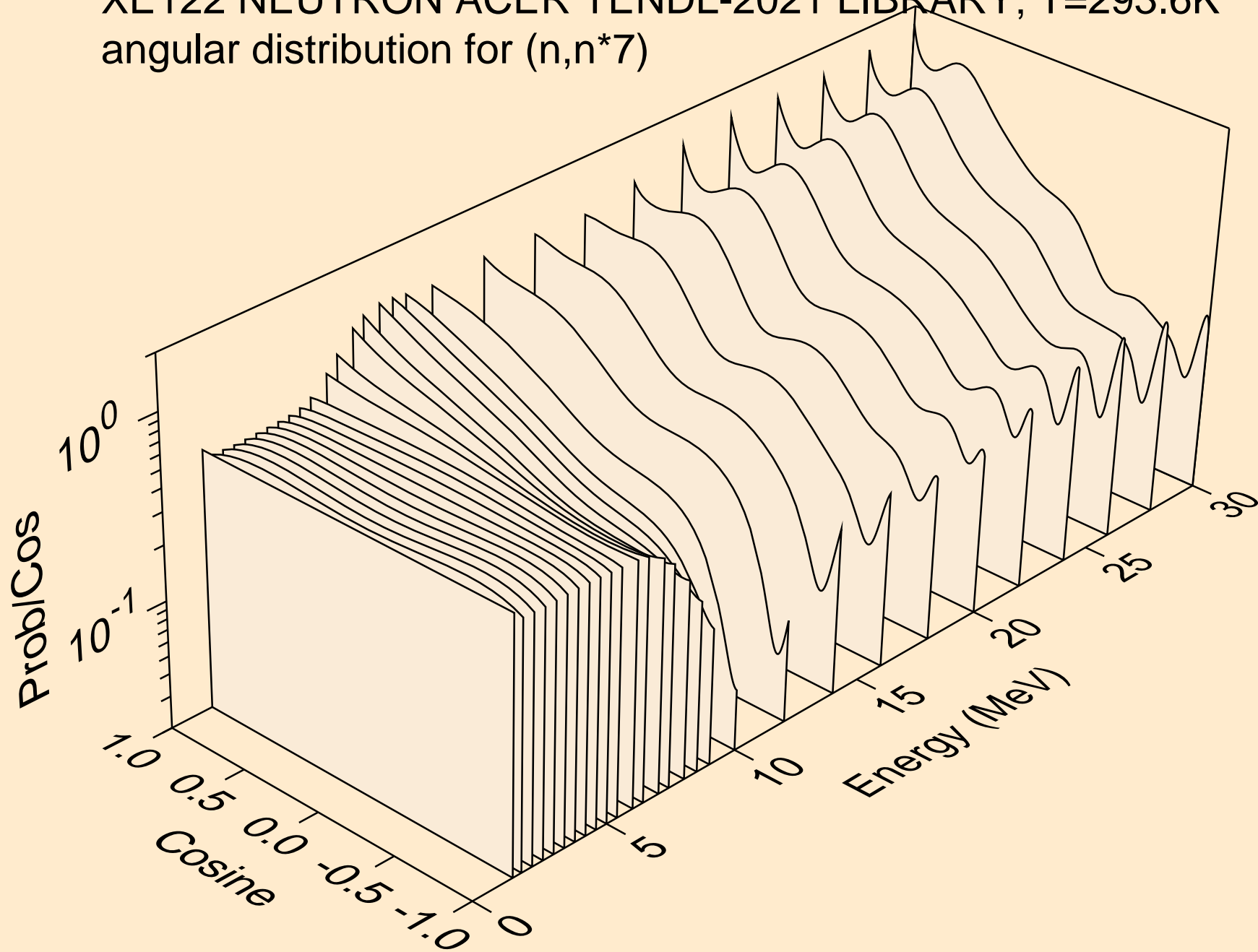
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



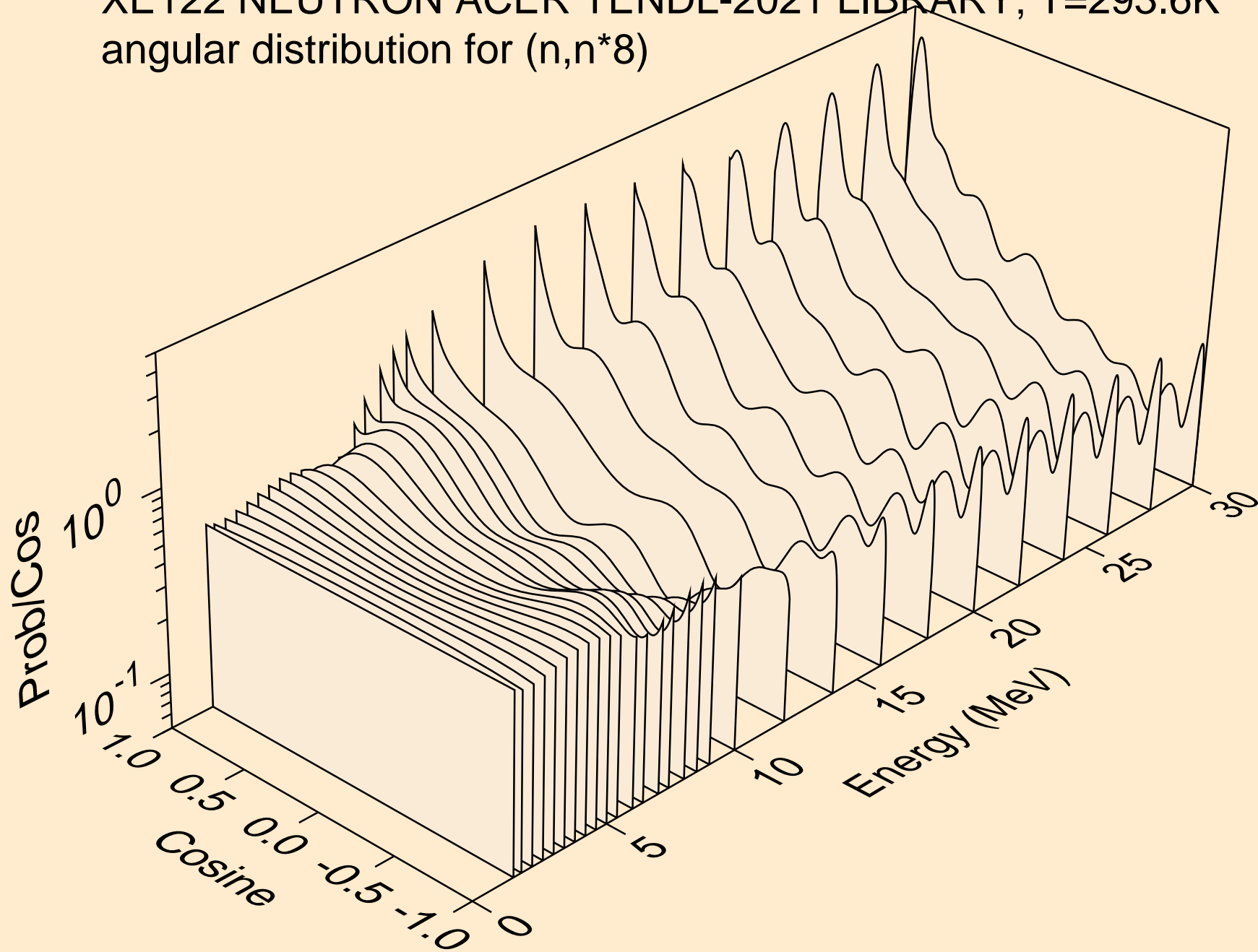
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



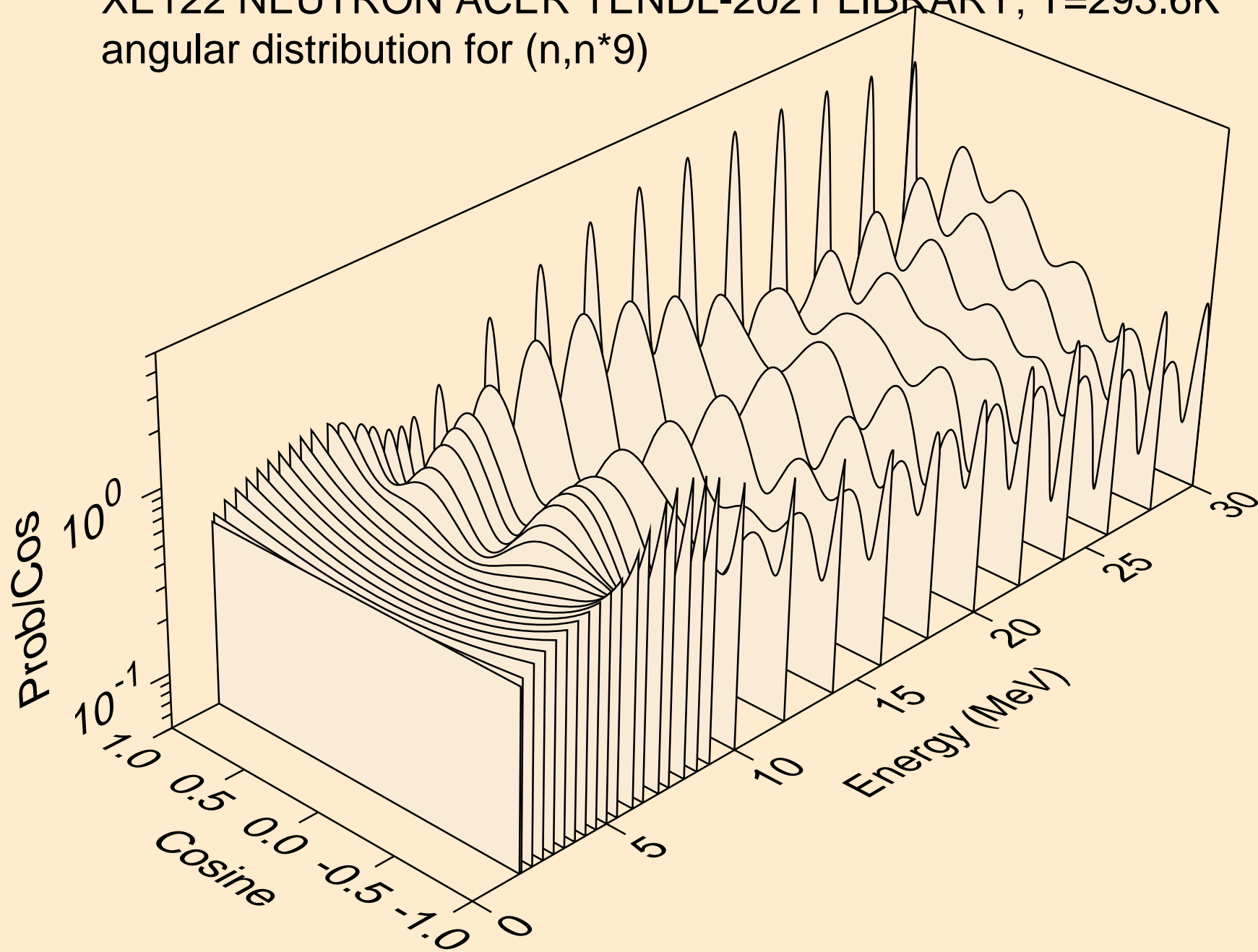
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

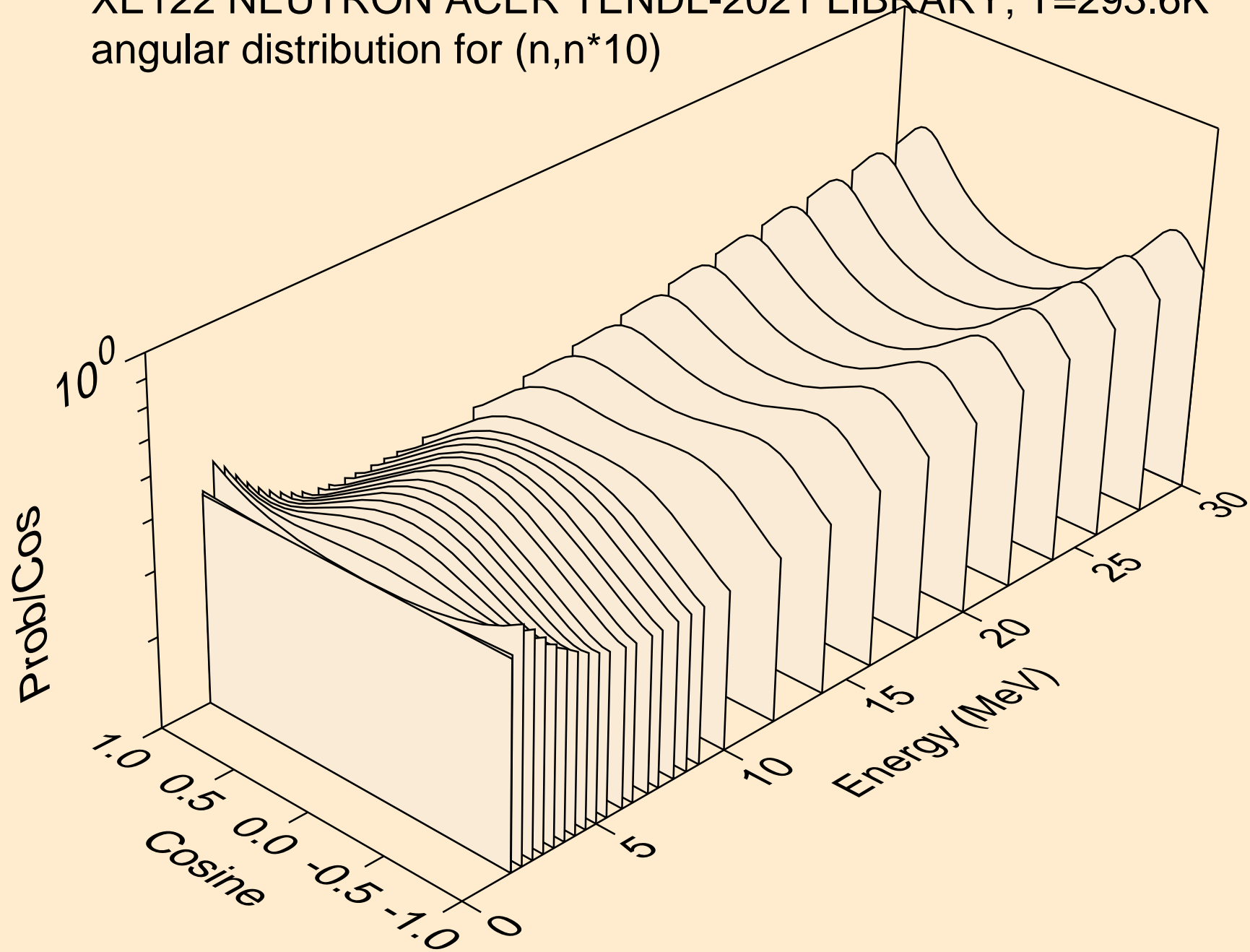


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

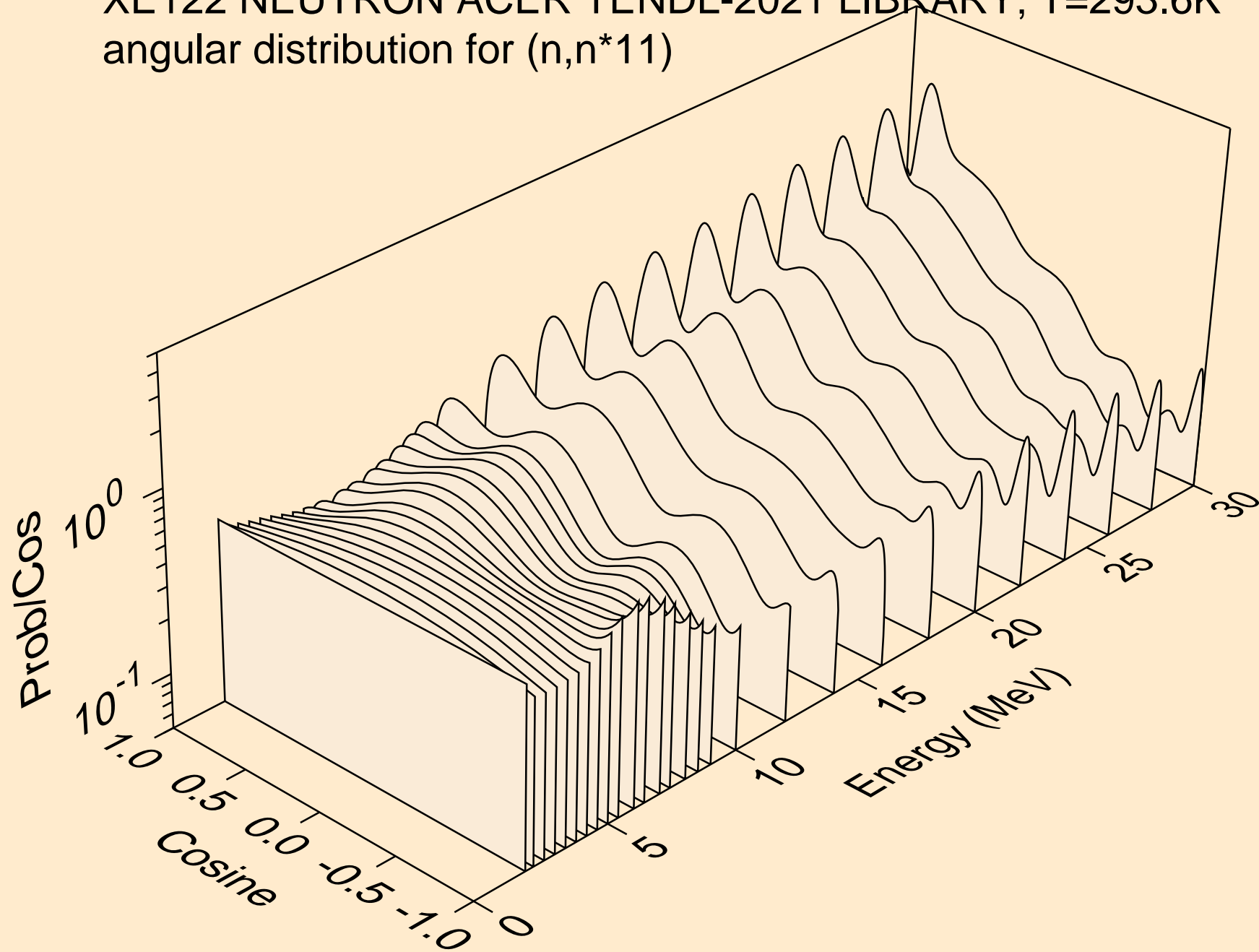




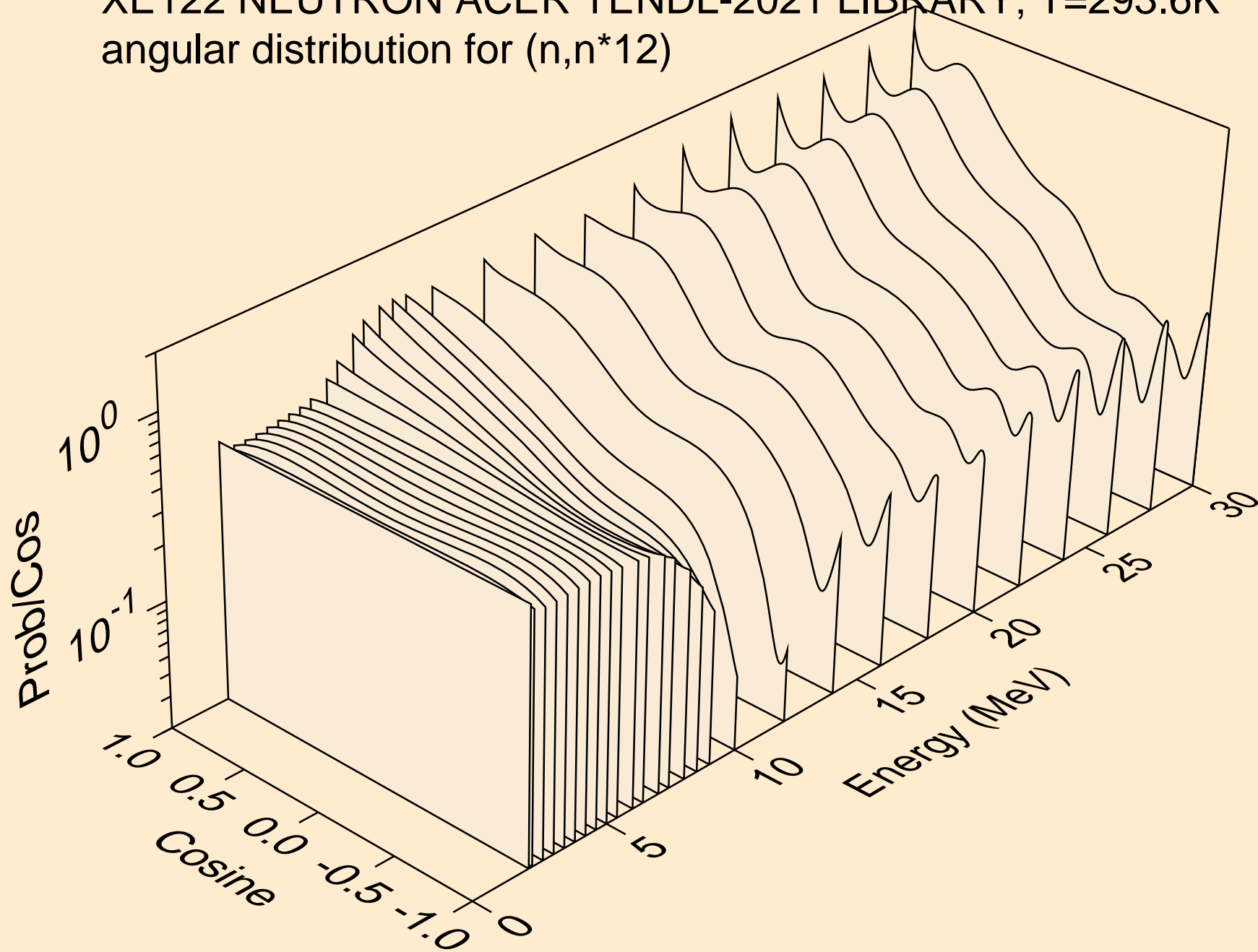
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



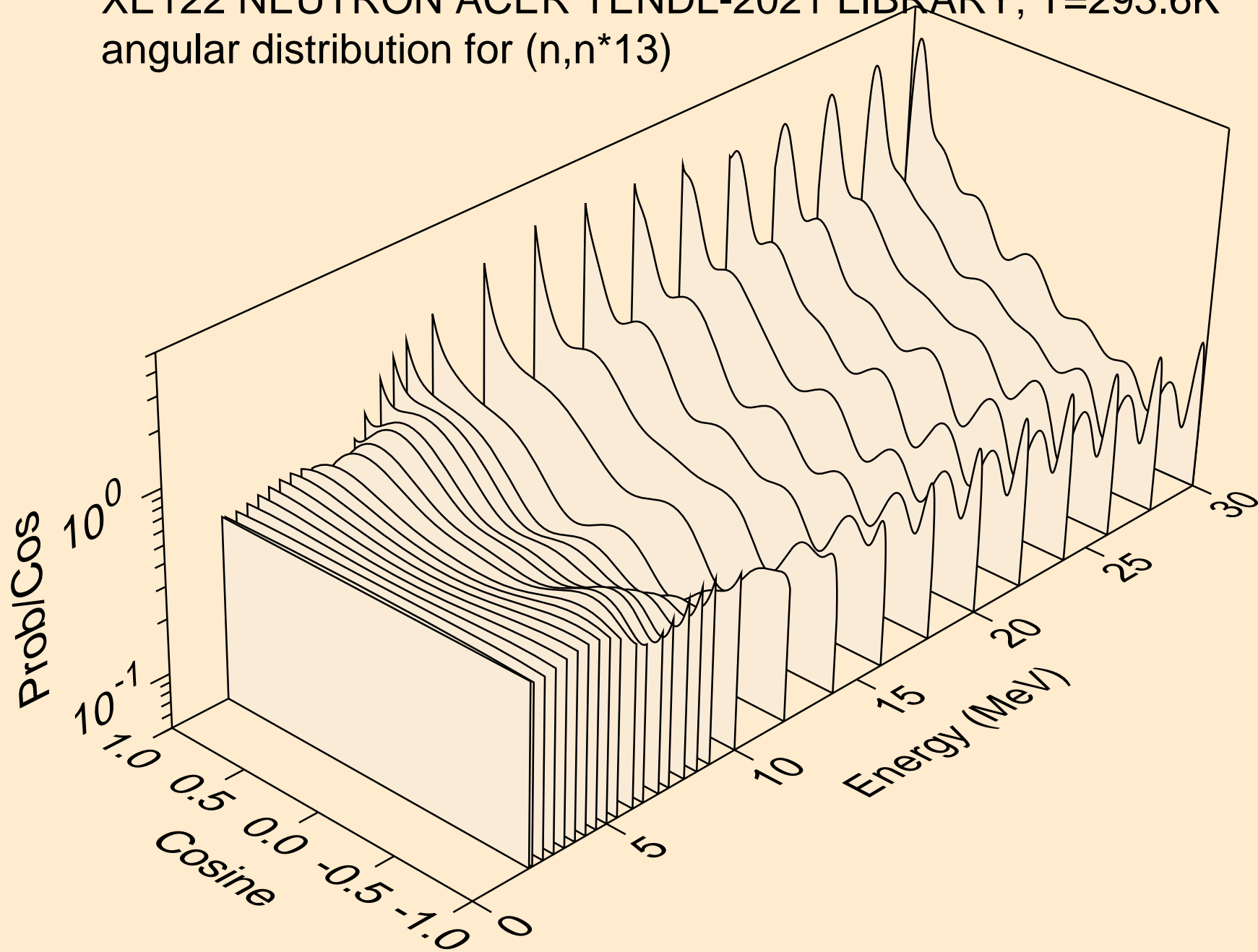
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



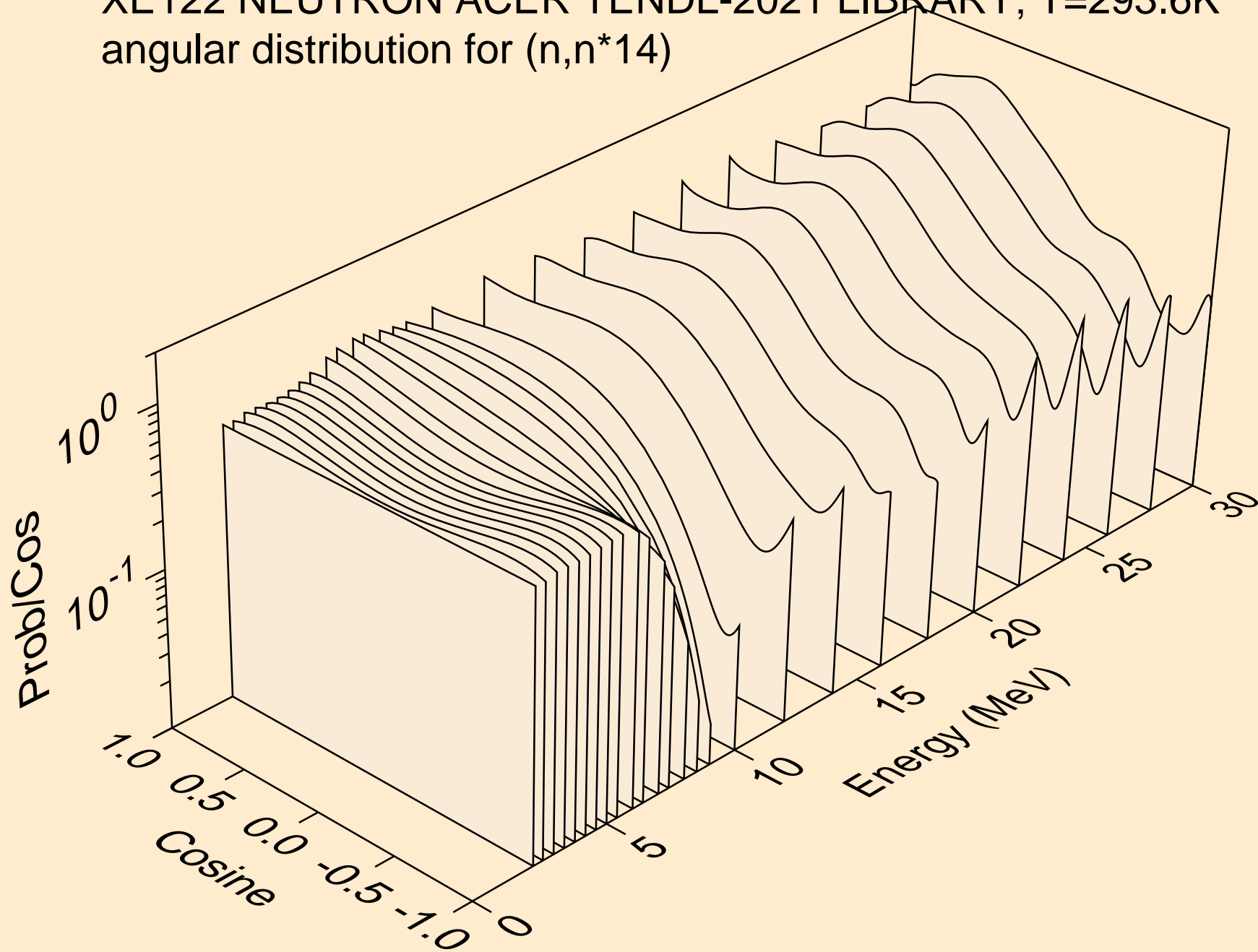
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



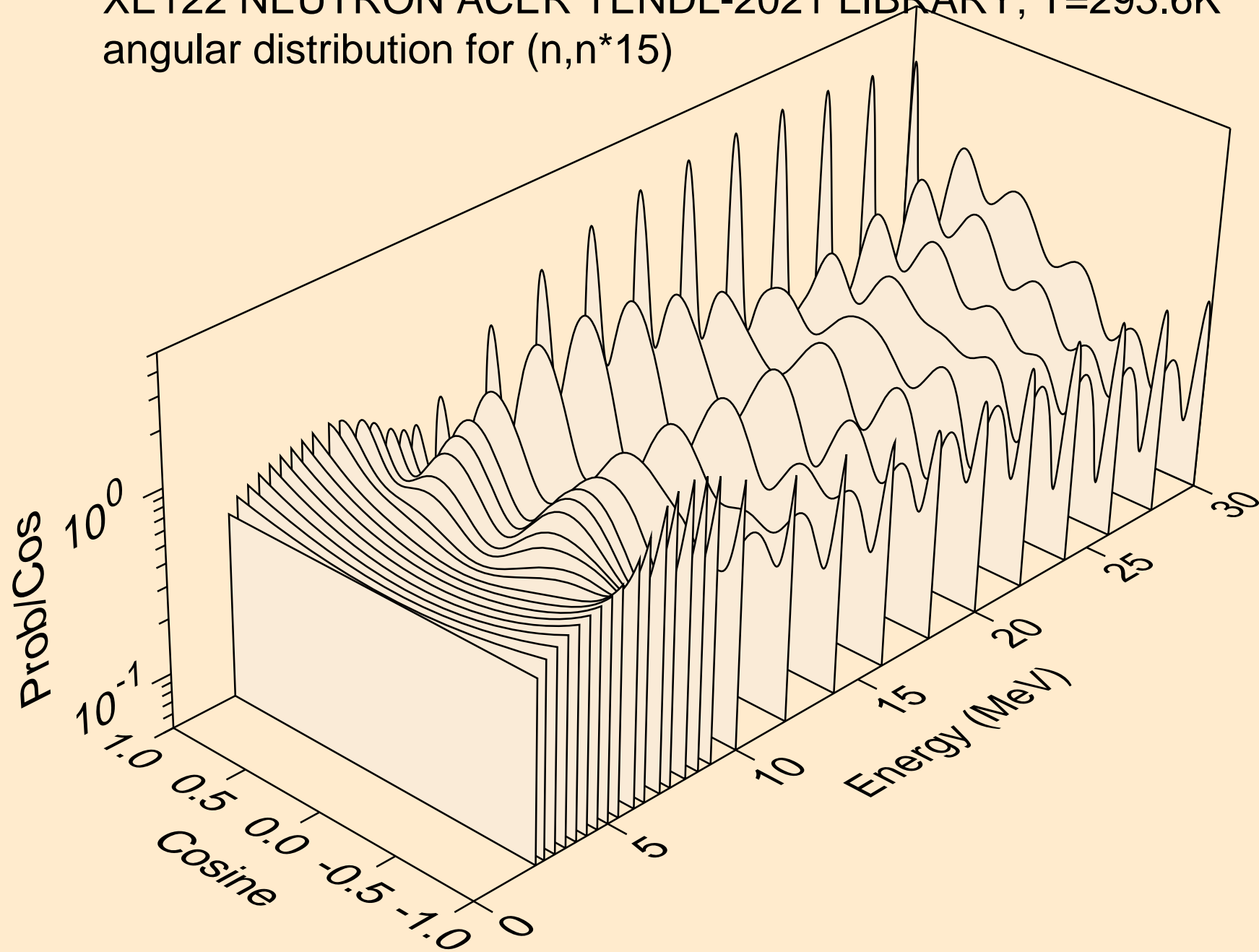
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



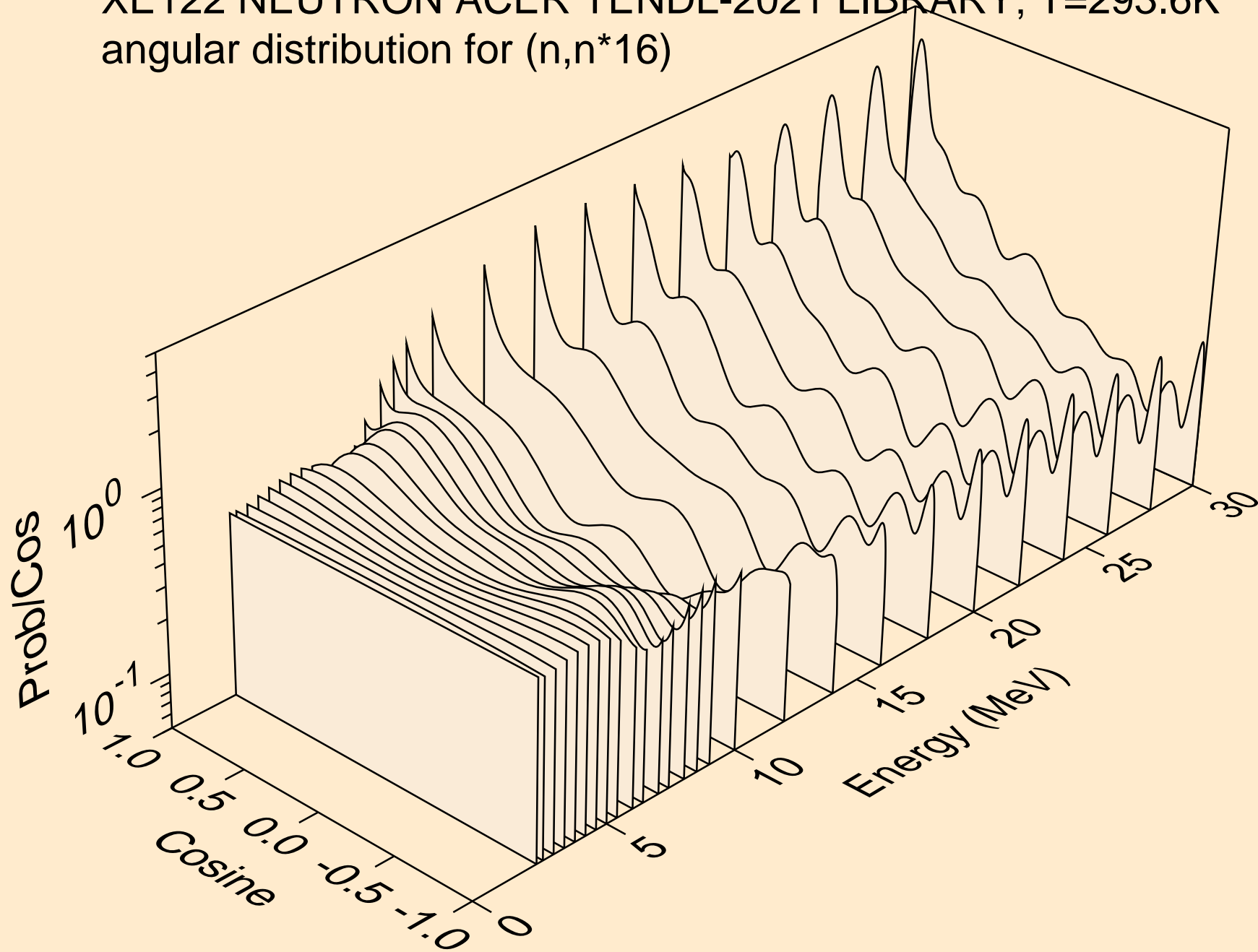
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angular distribution for (n,n\*14)



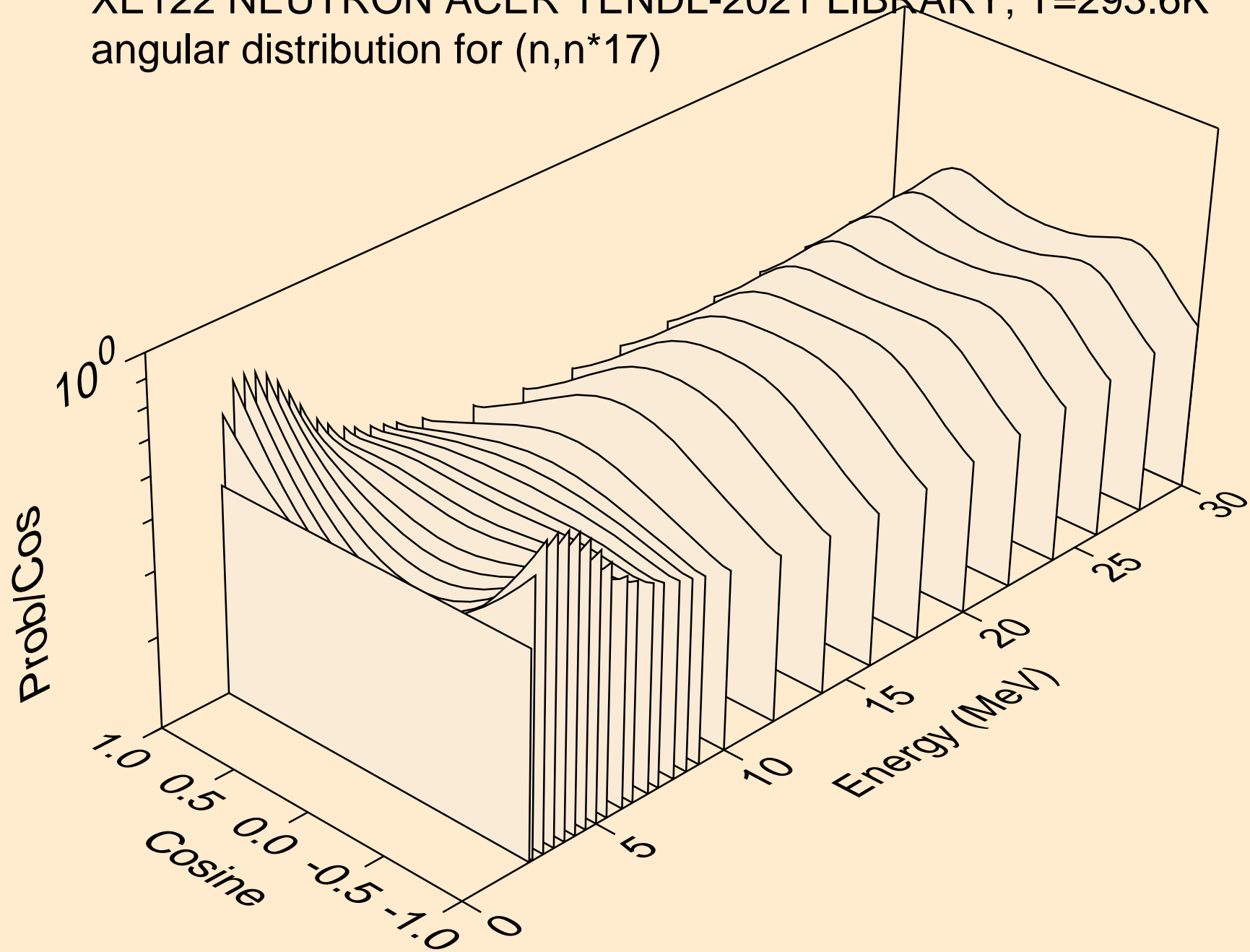
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

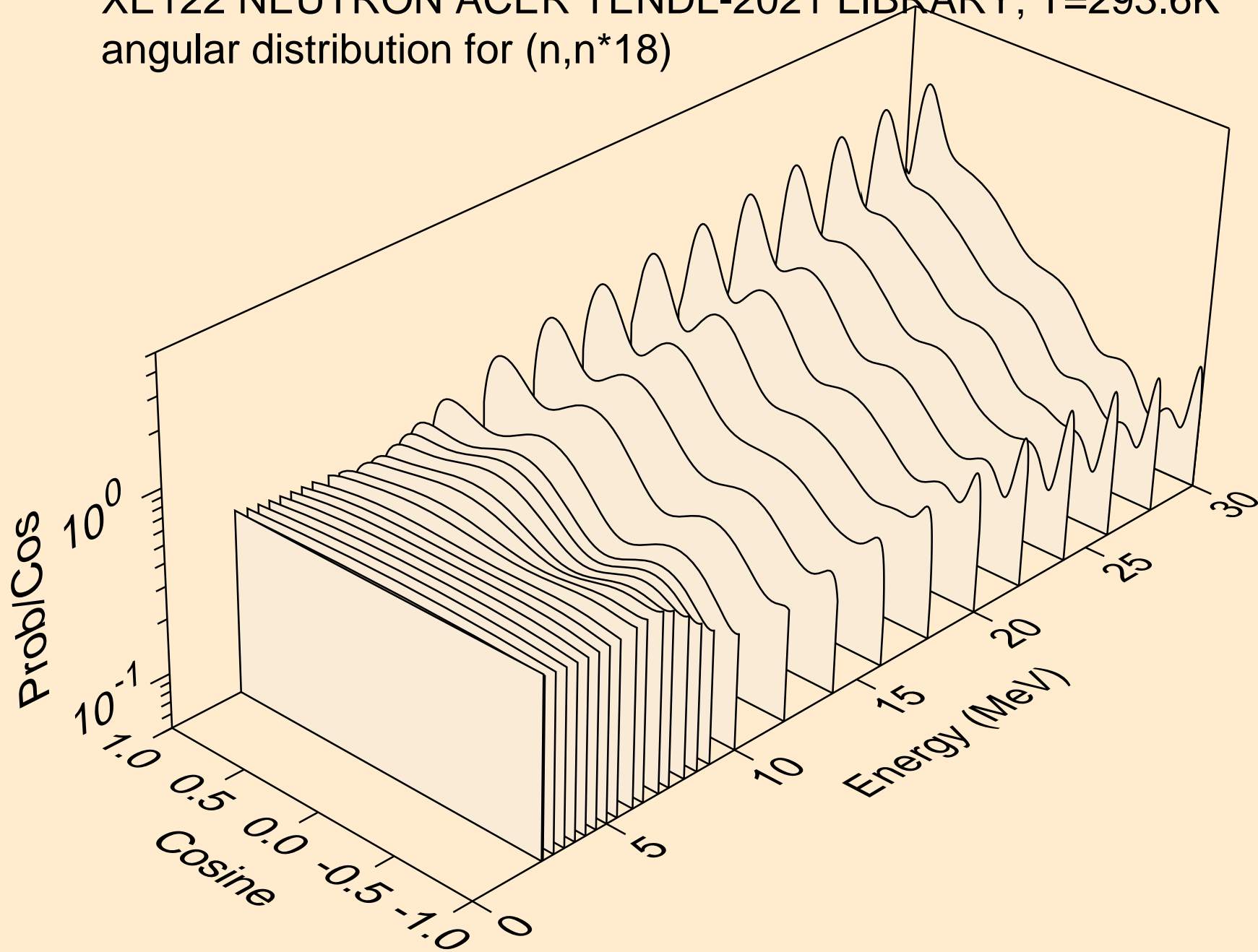


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

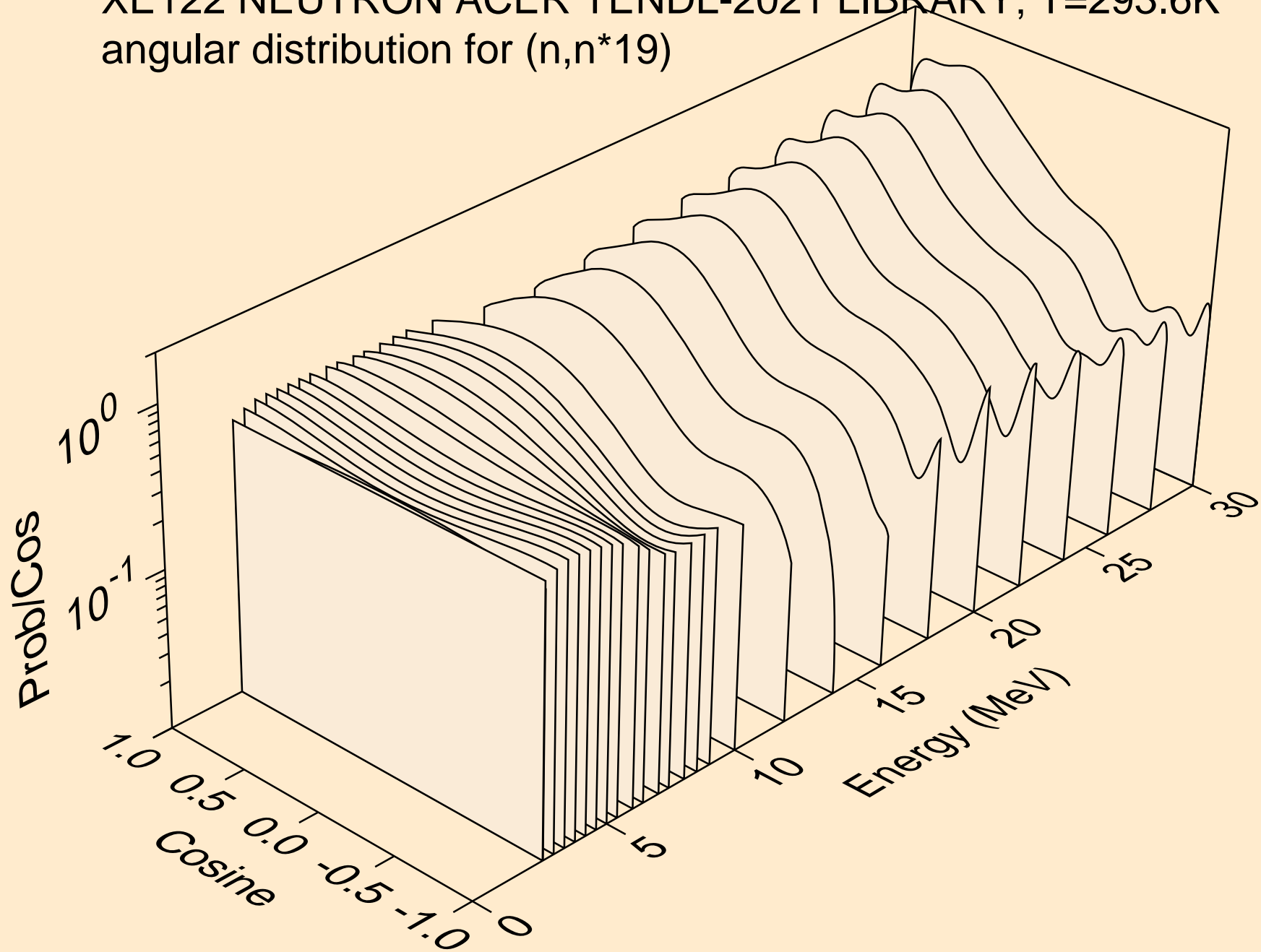




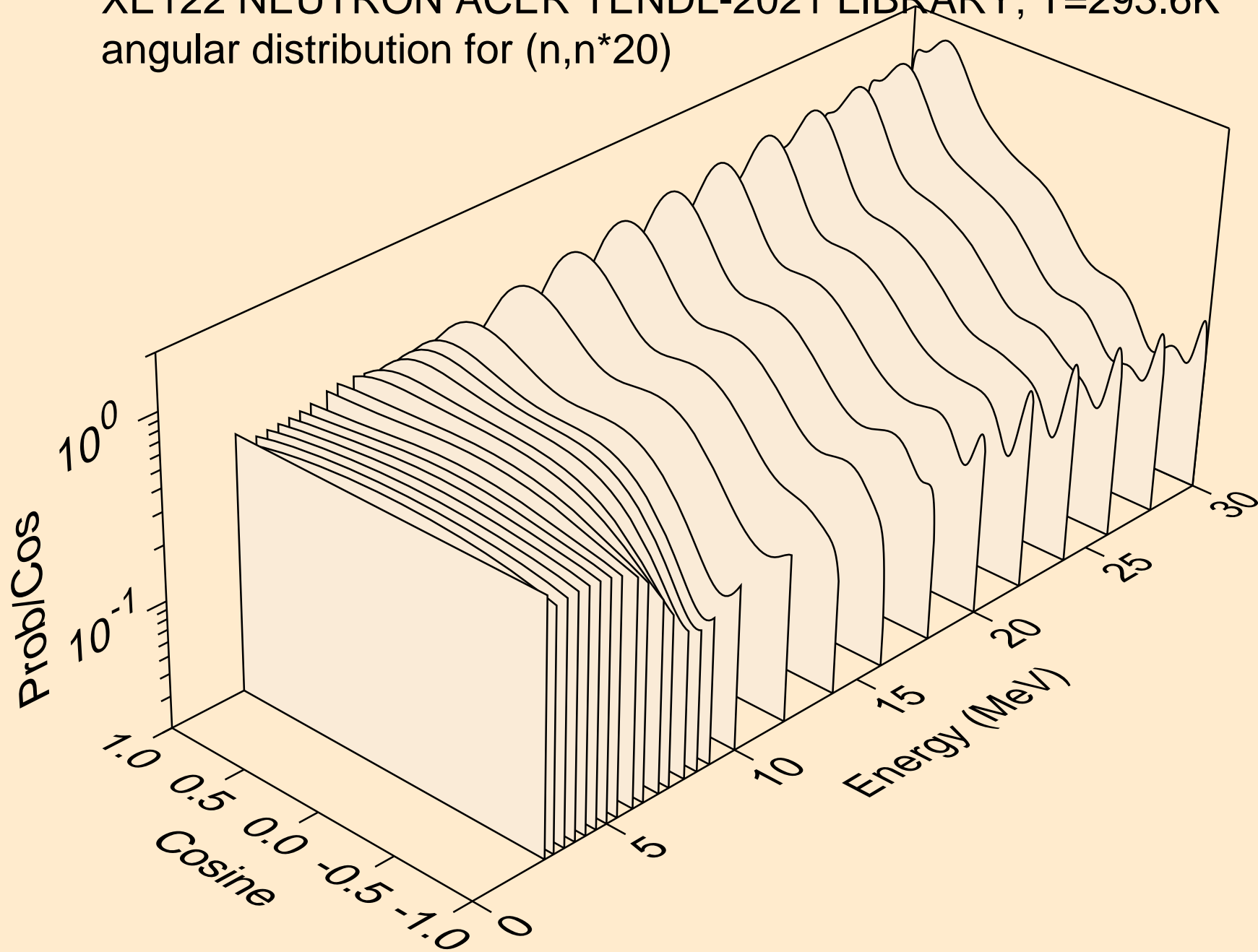
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



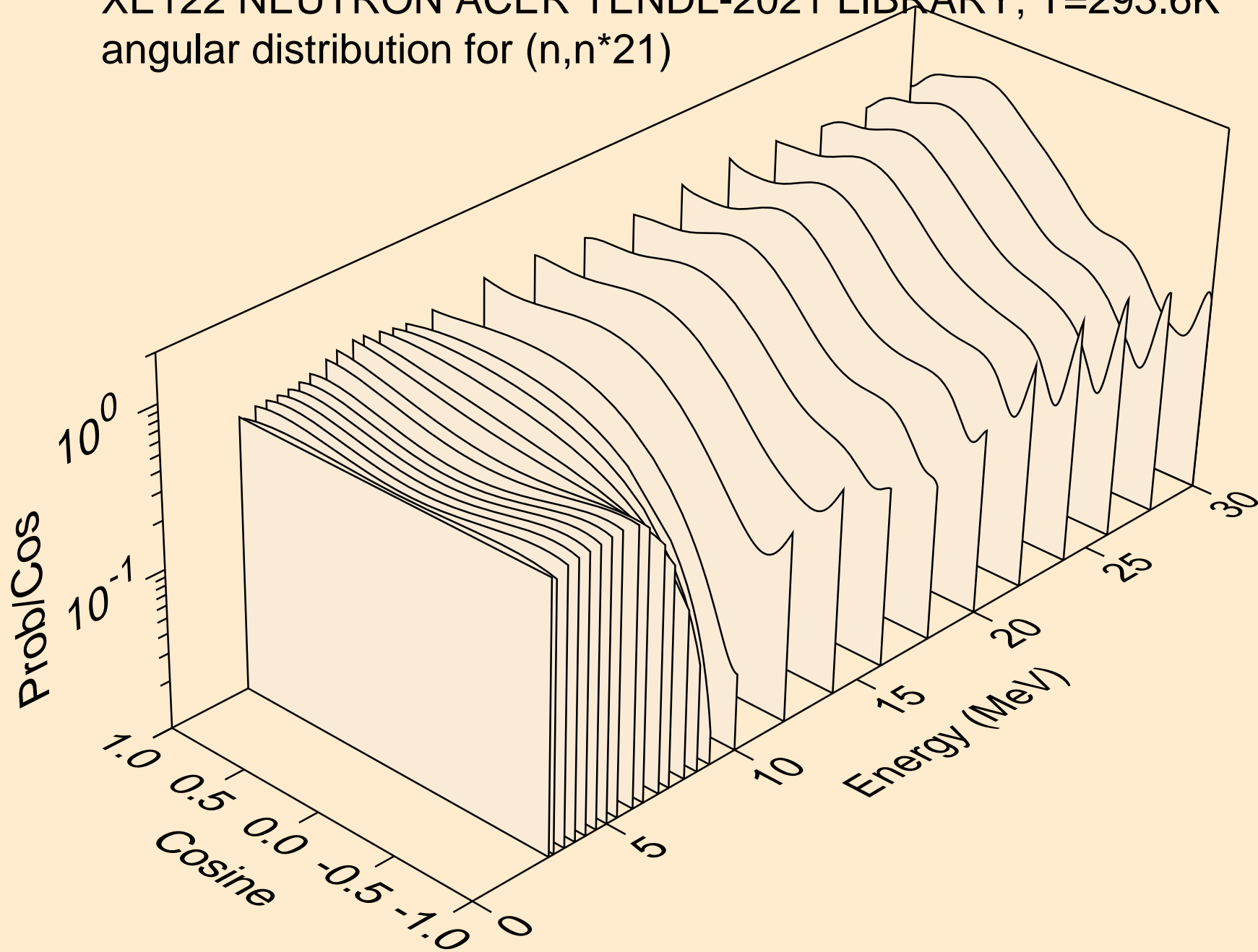
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



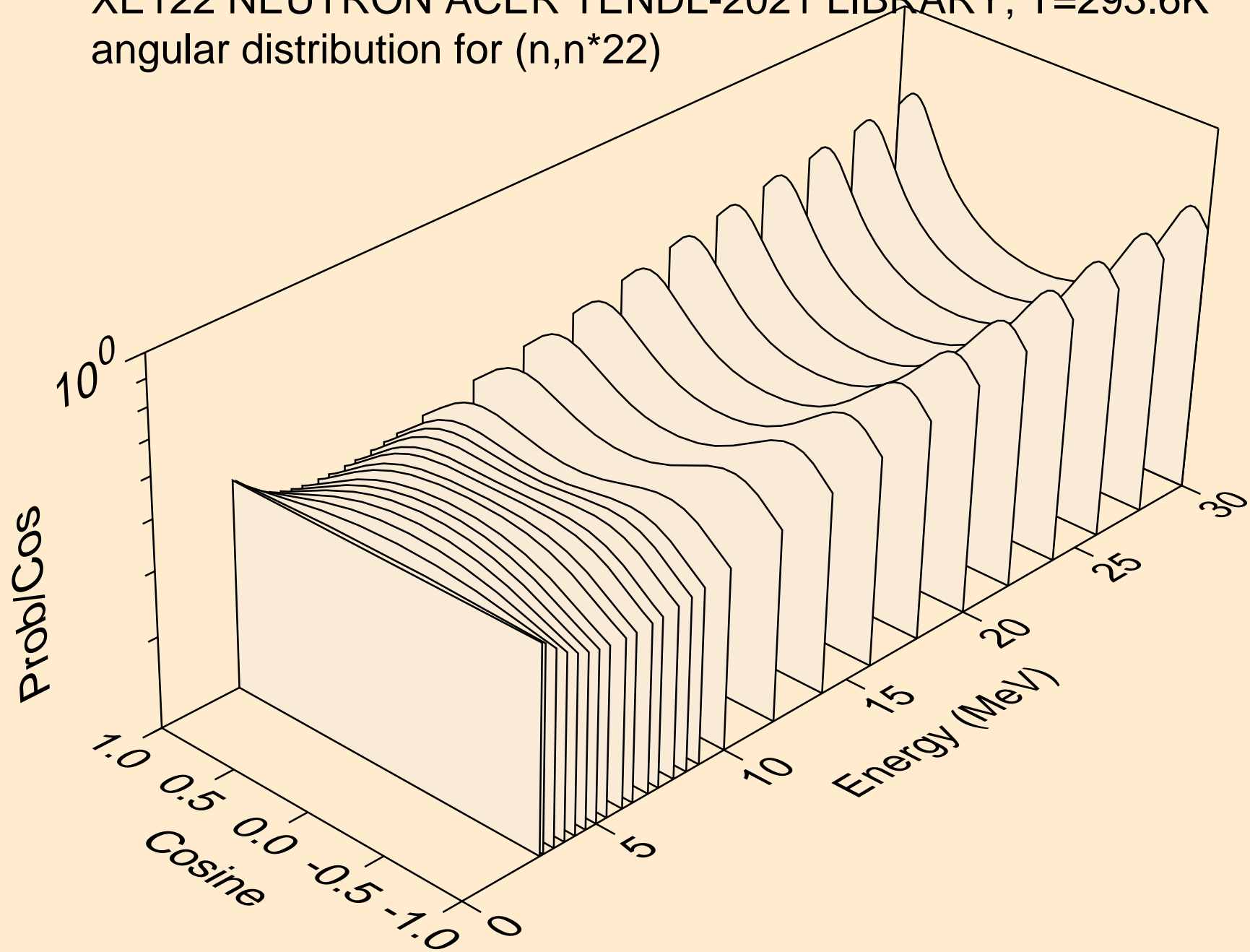
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



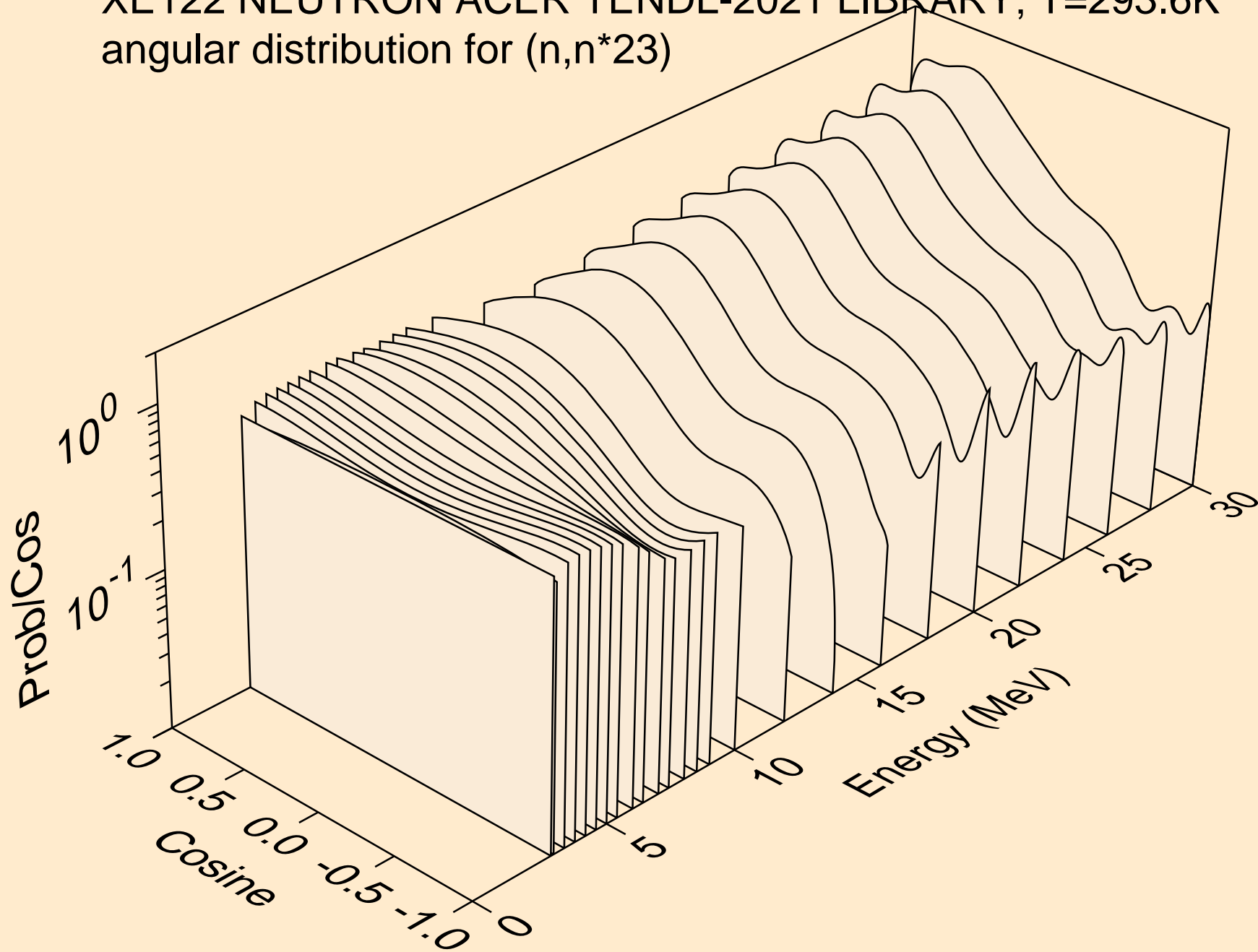
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



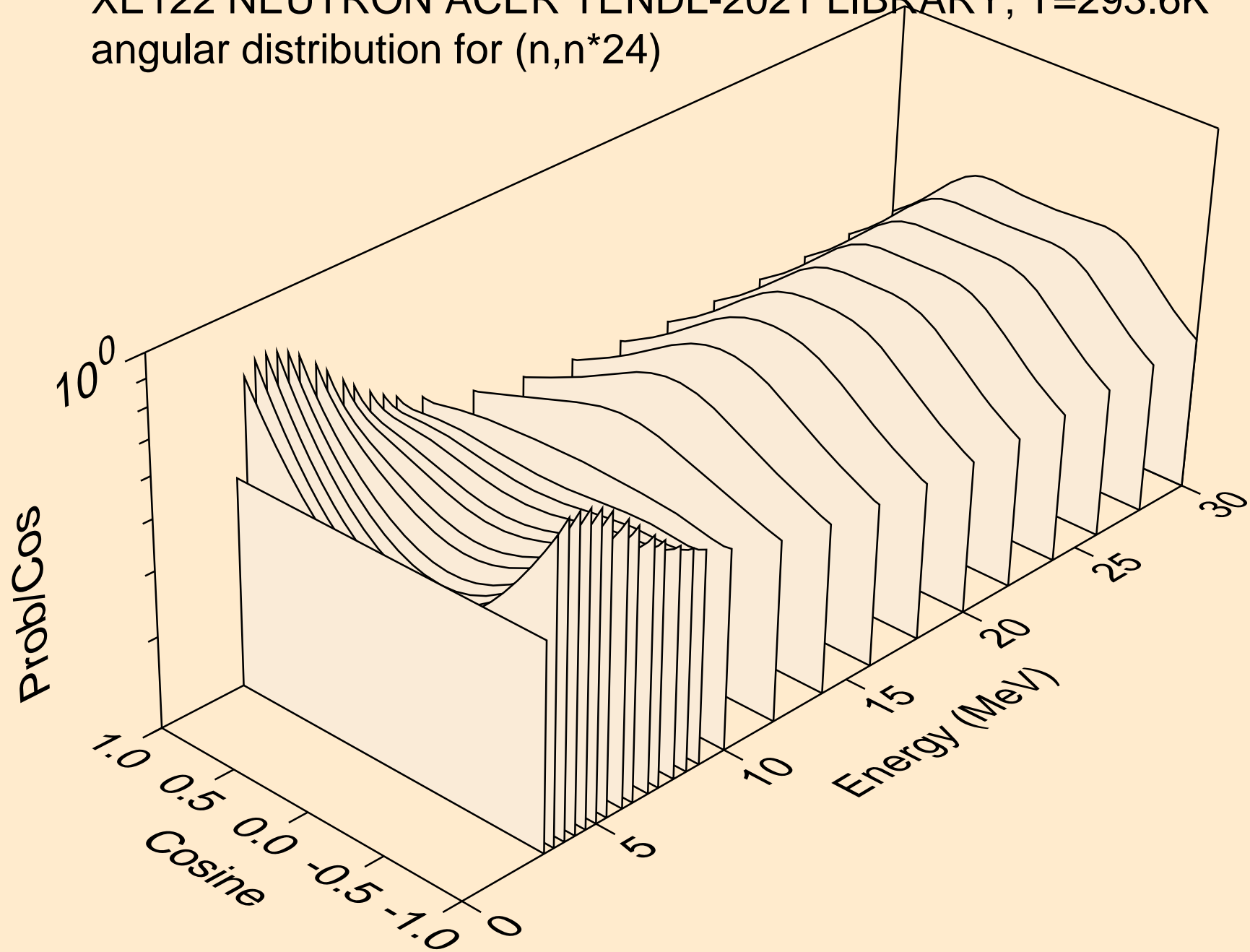
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



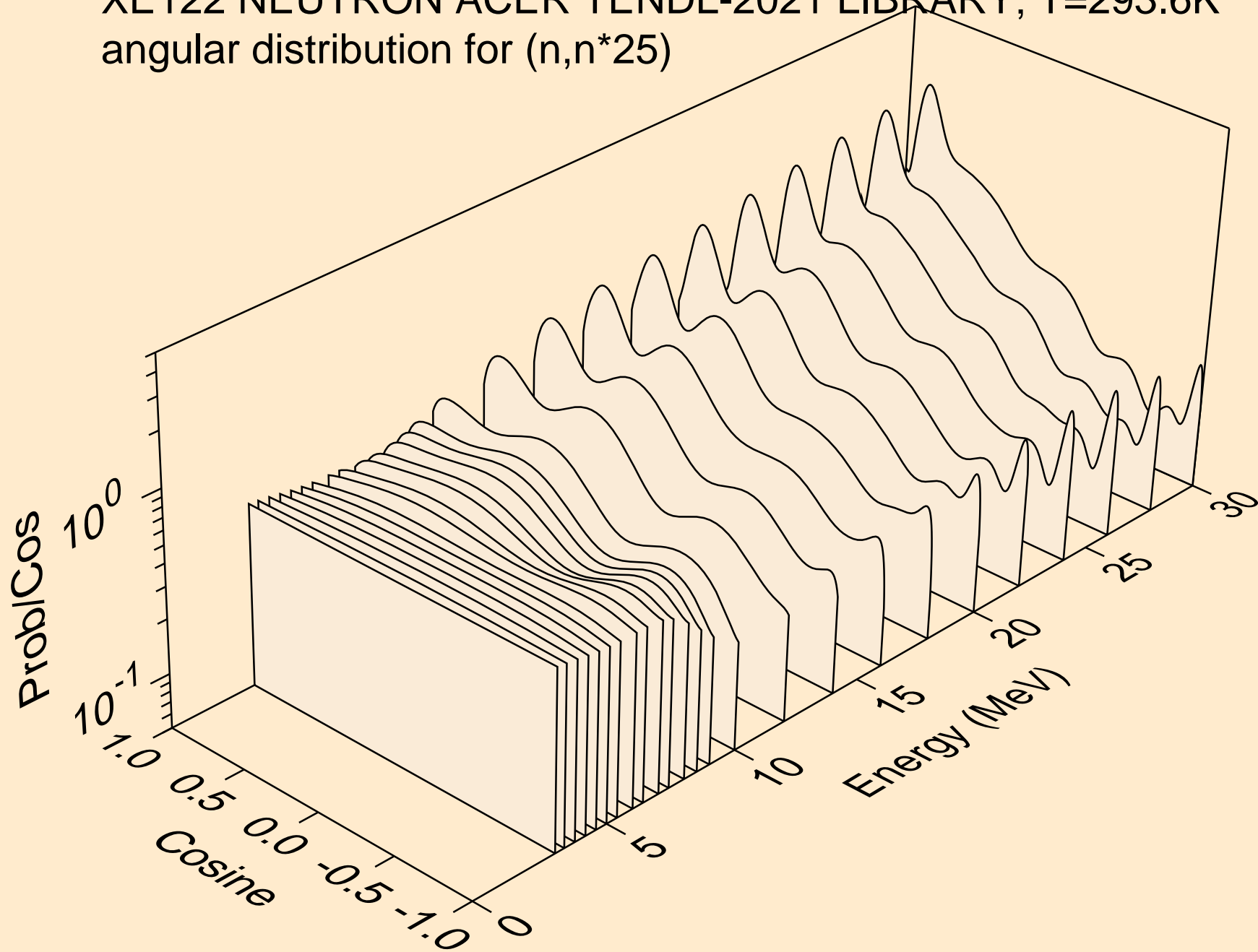
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

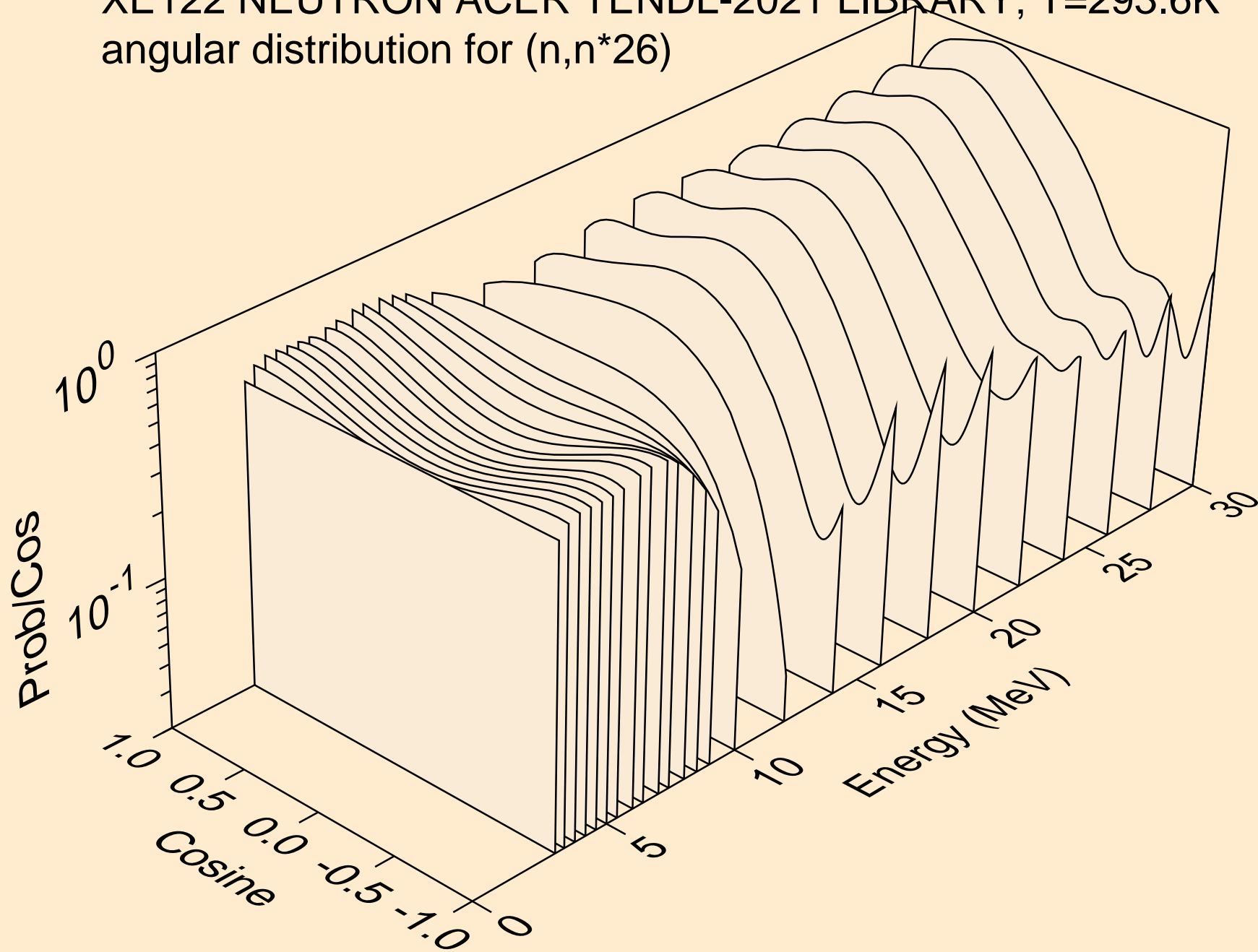


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

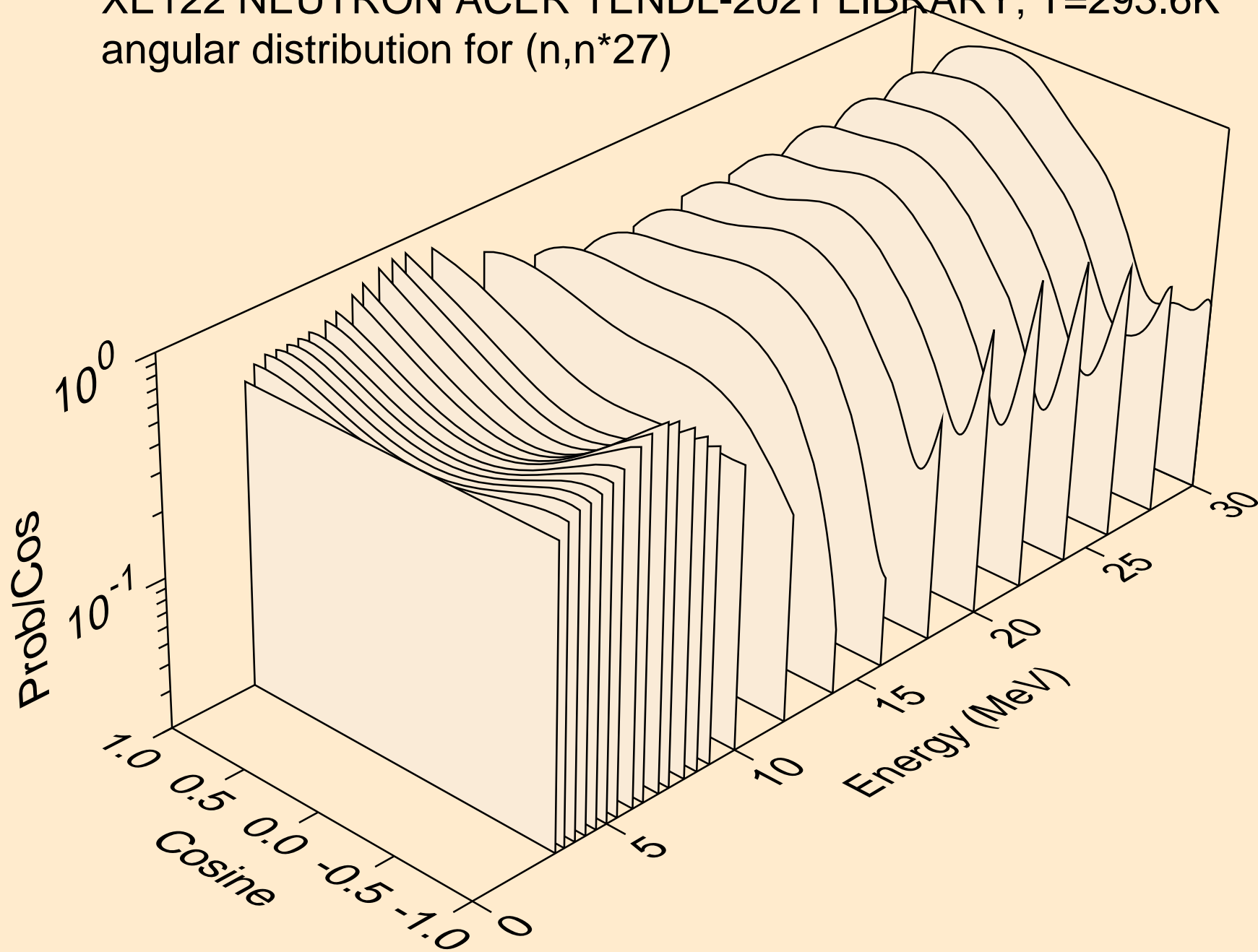




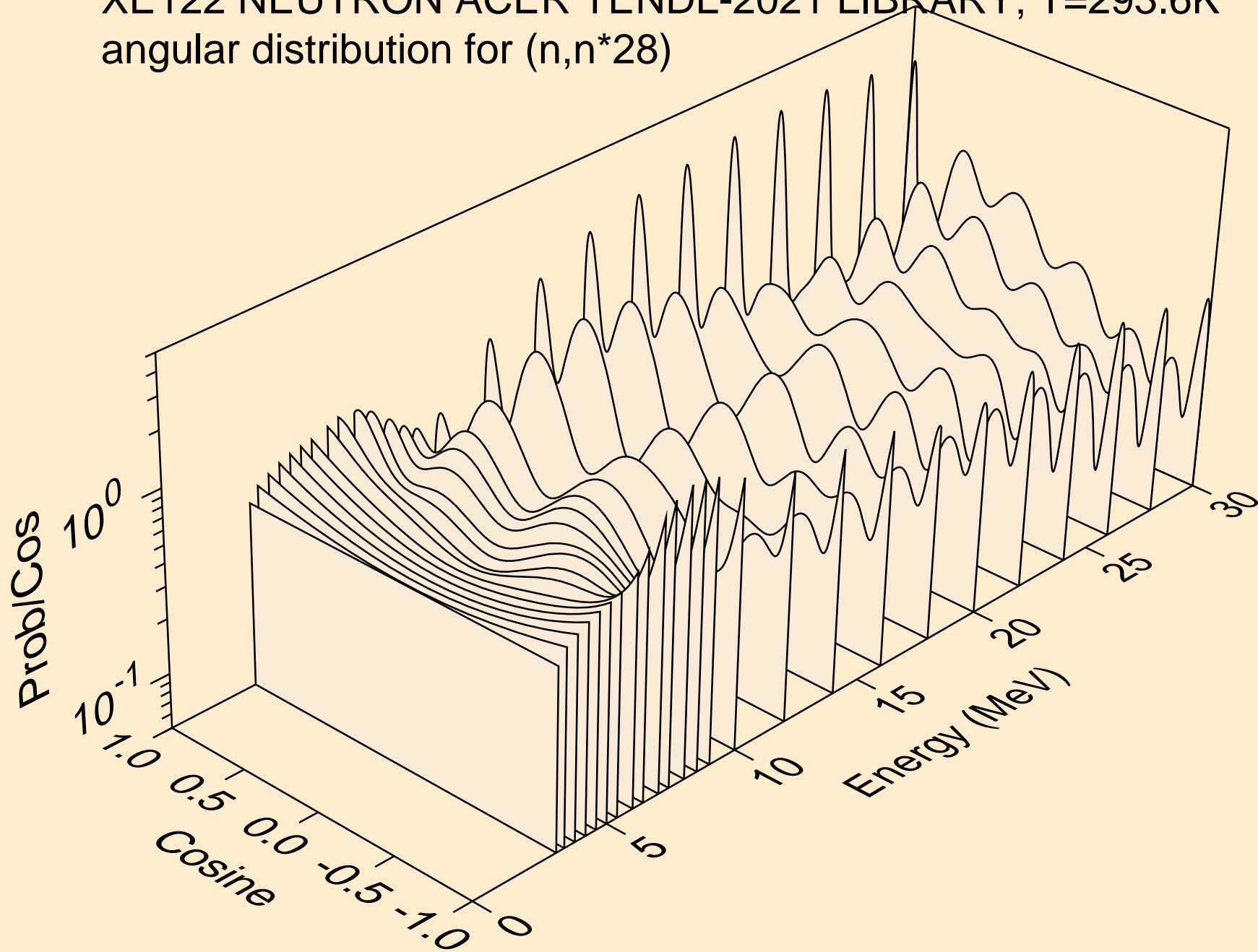
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



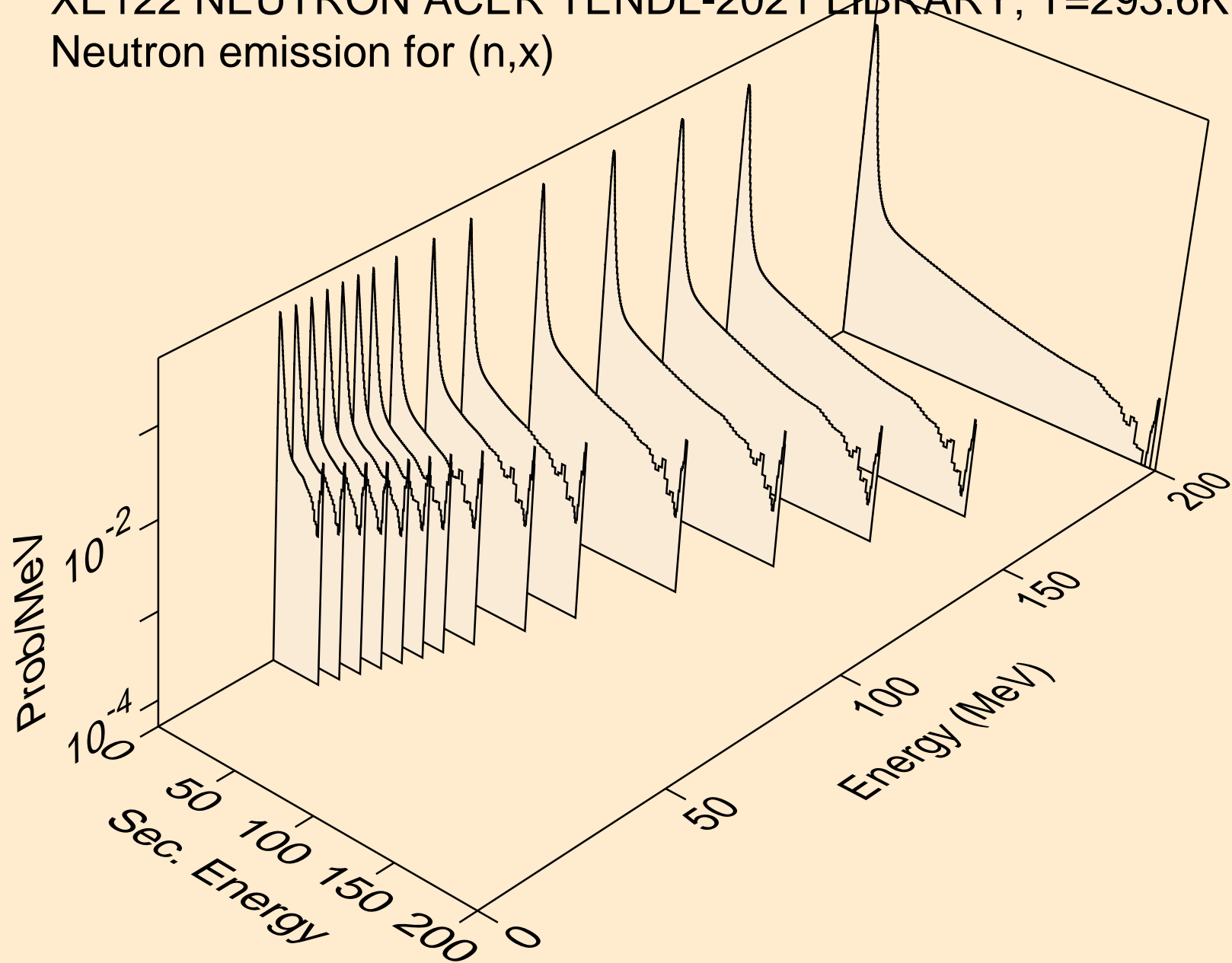
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



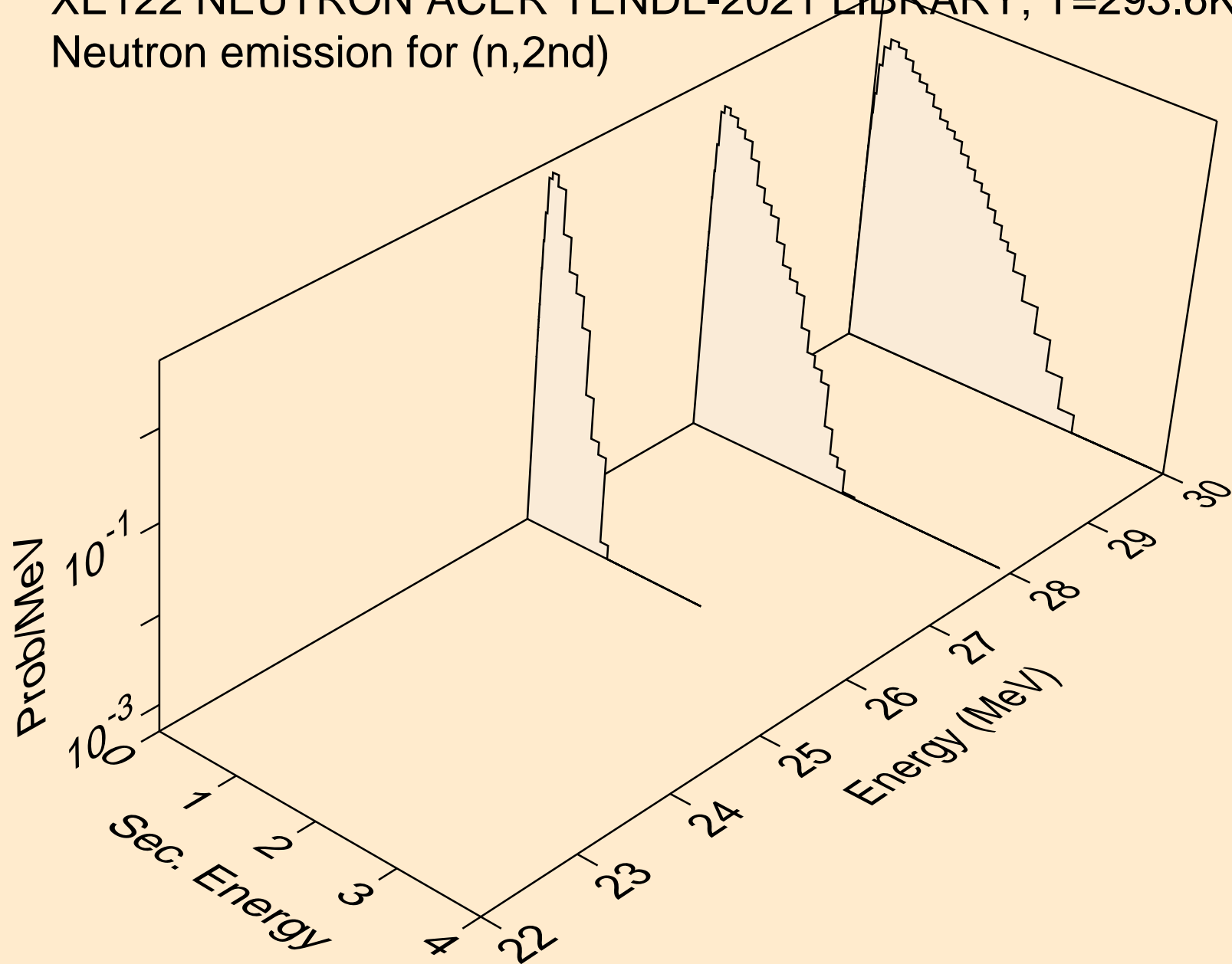
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



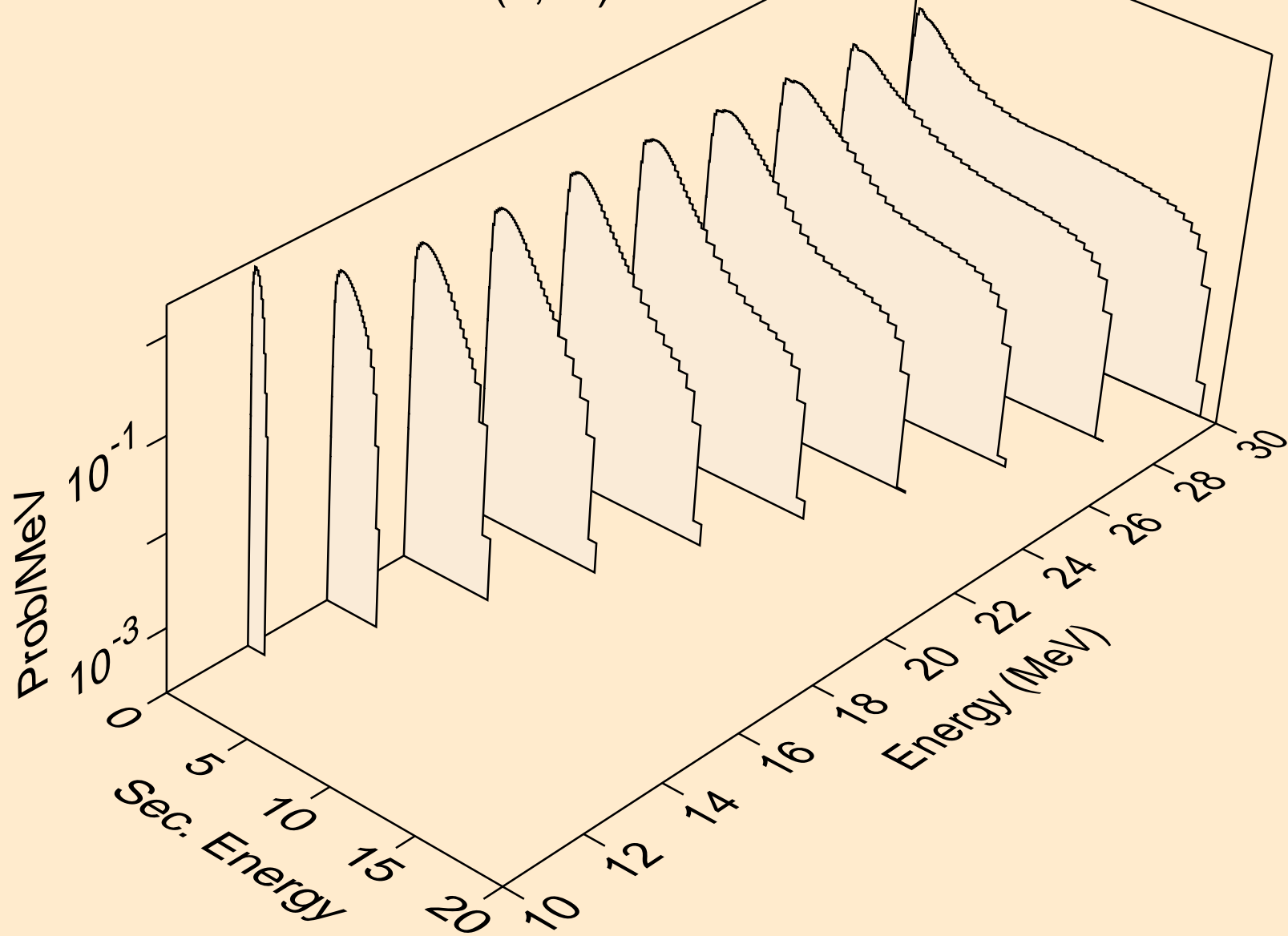
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



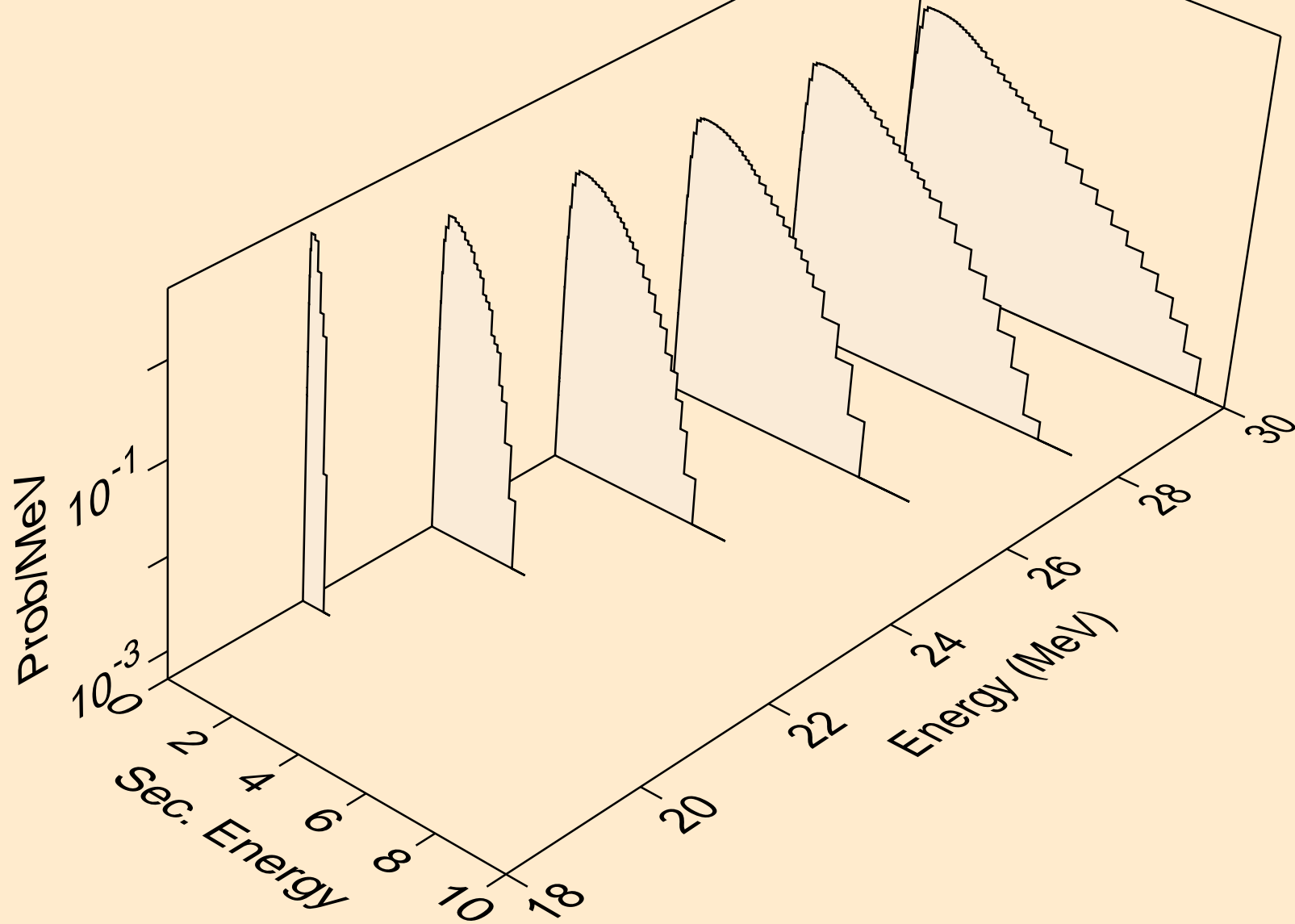
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



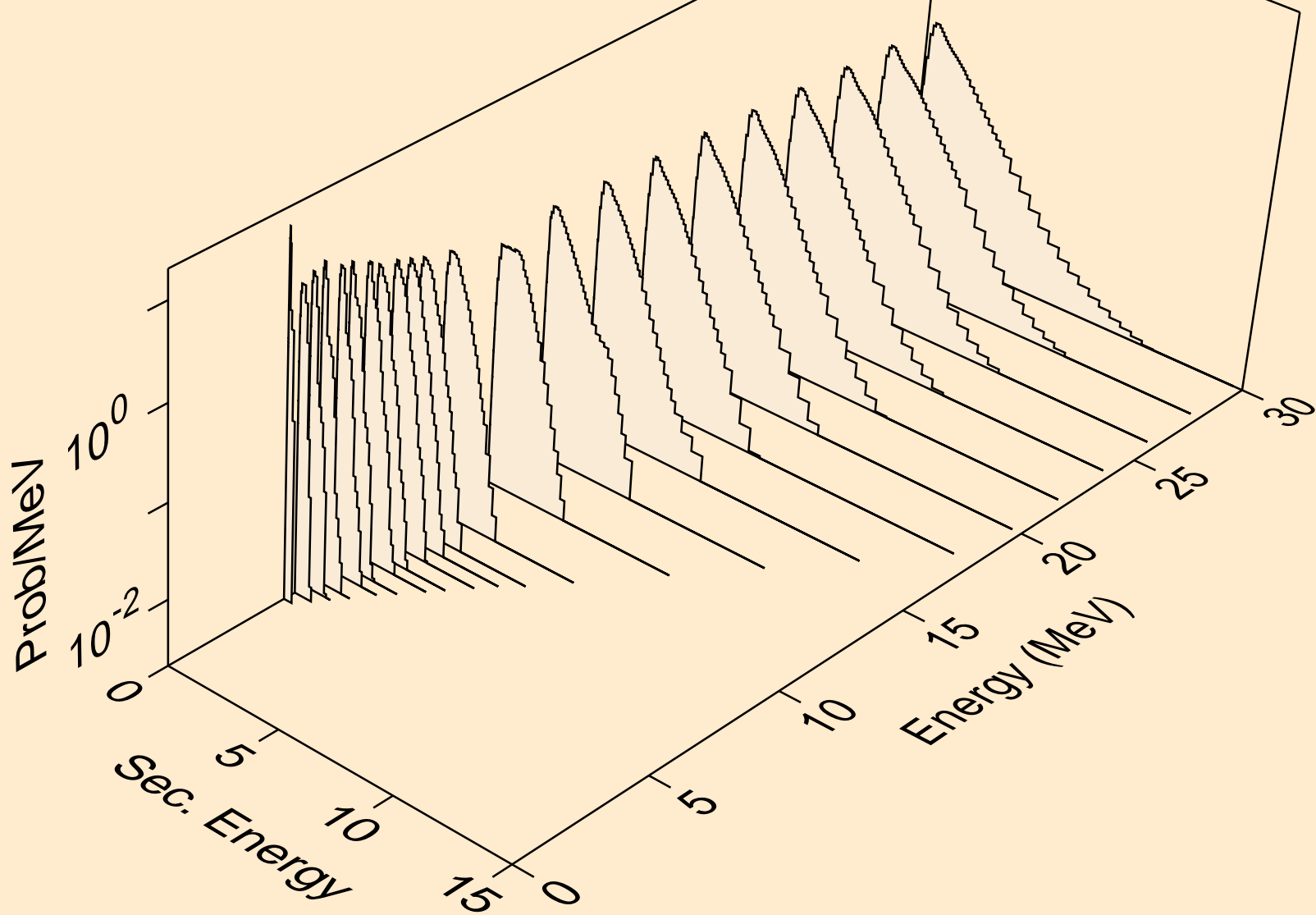
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

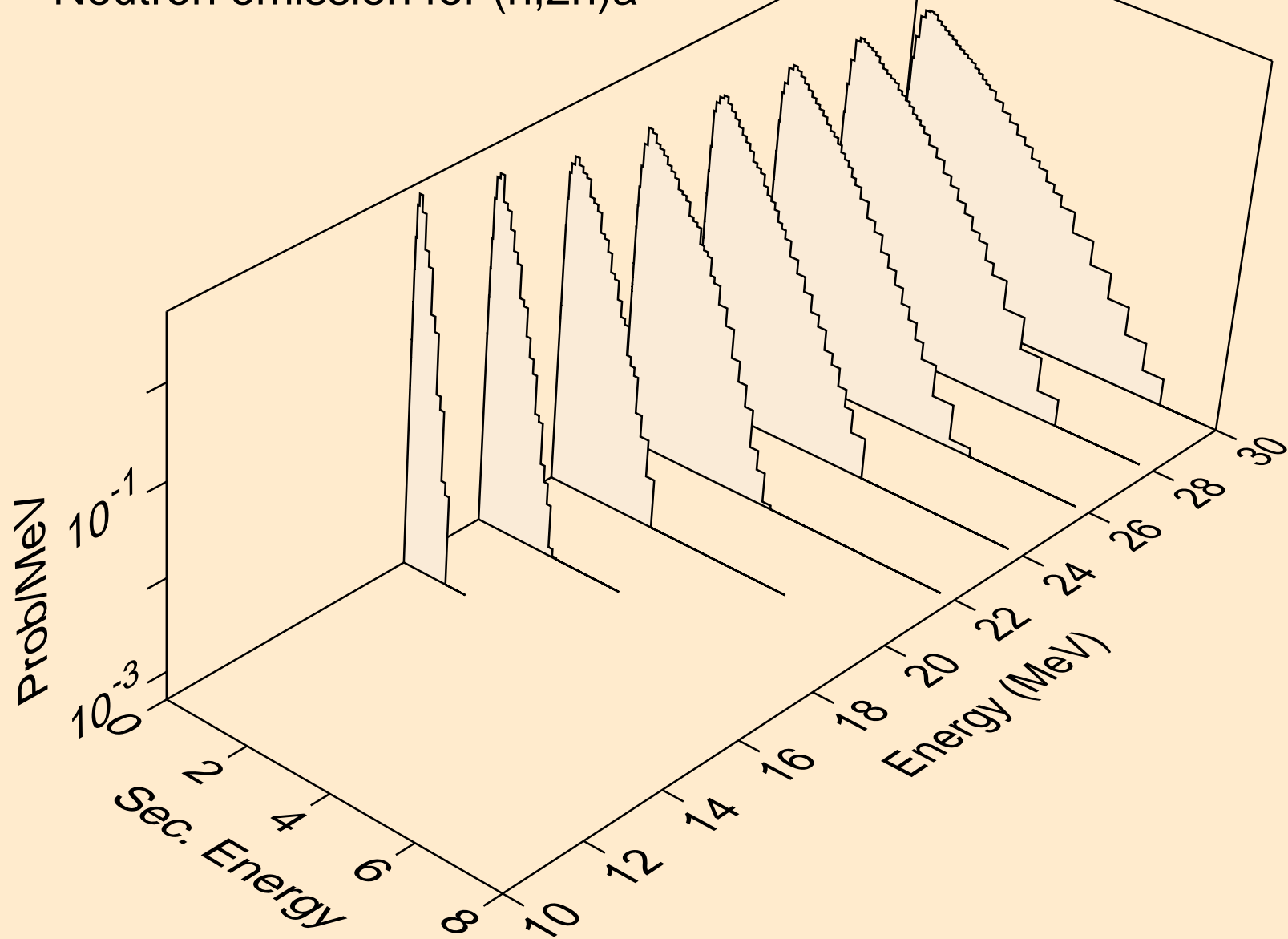


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

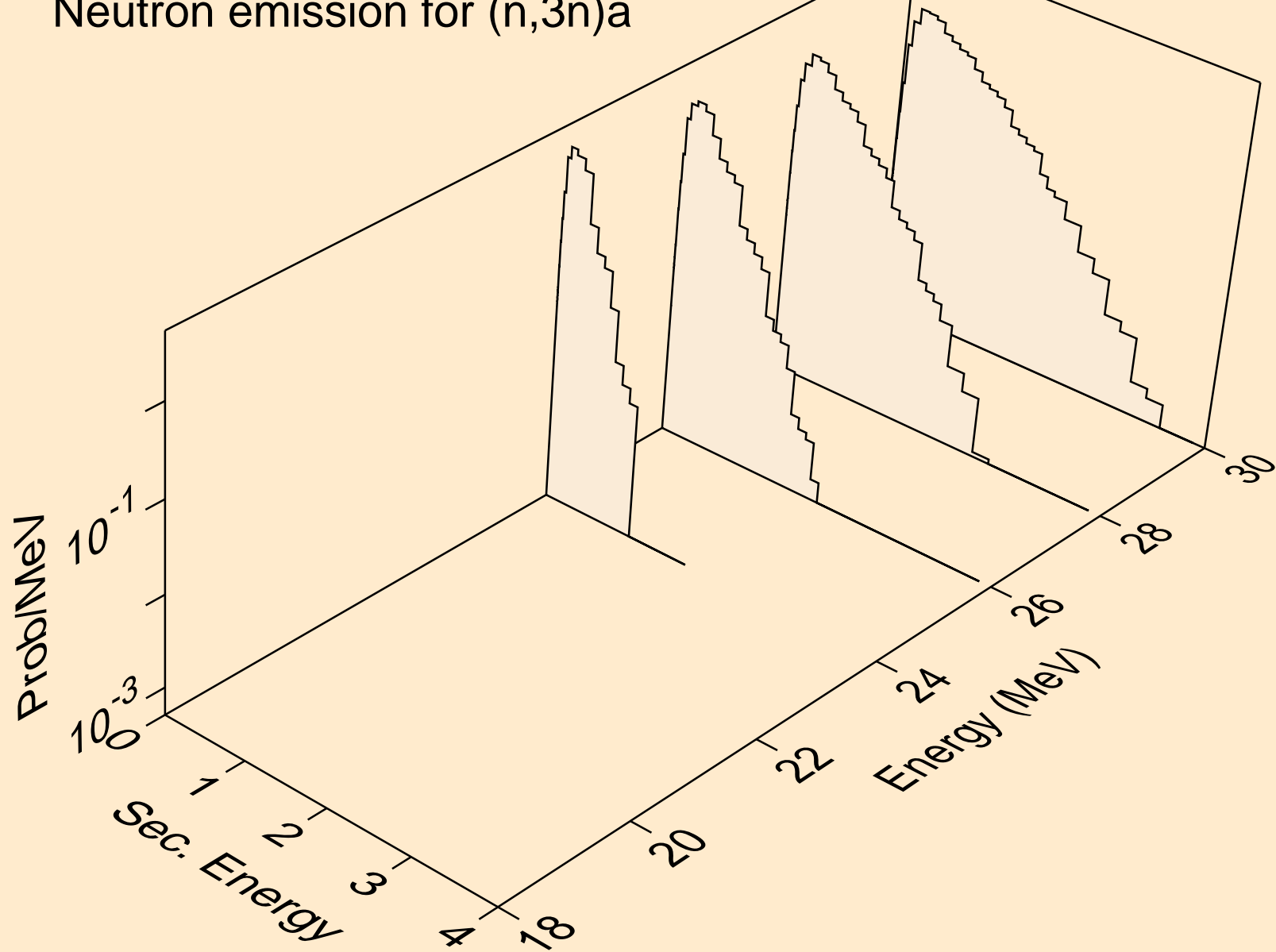




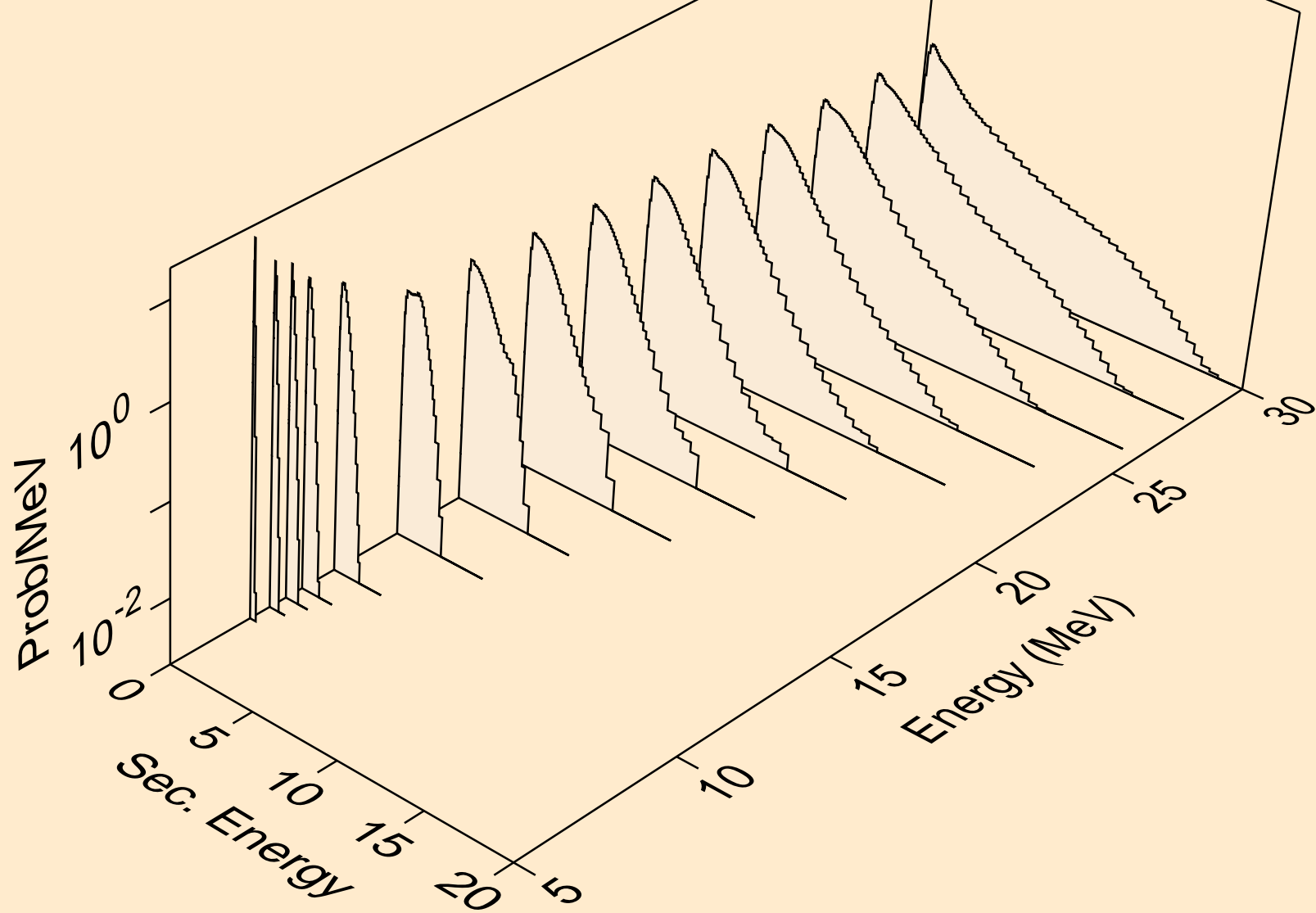
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



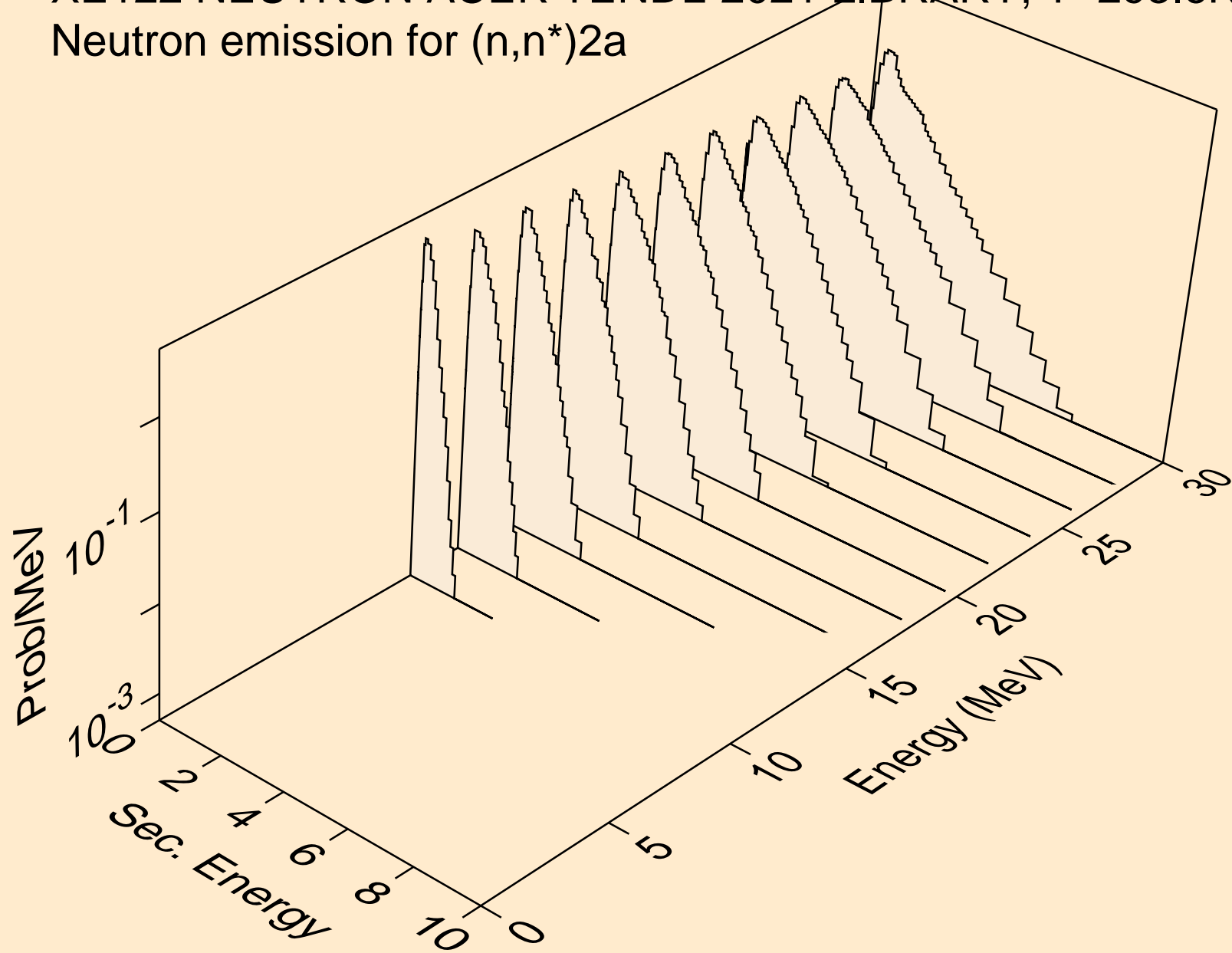
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



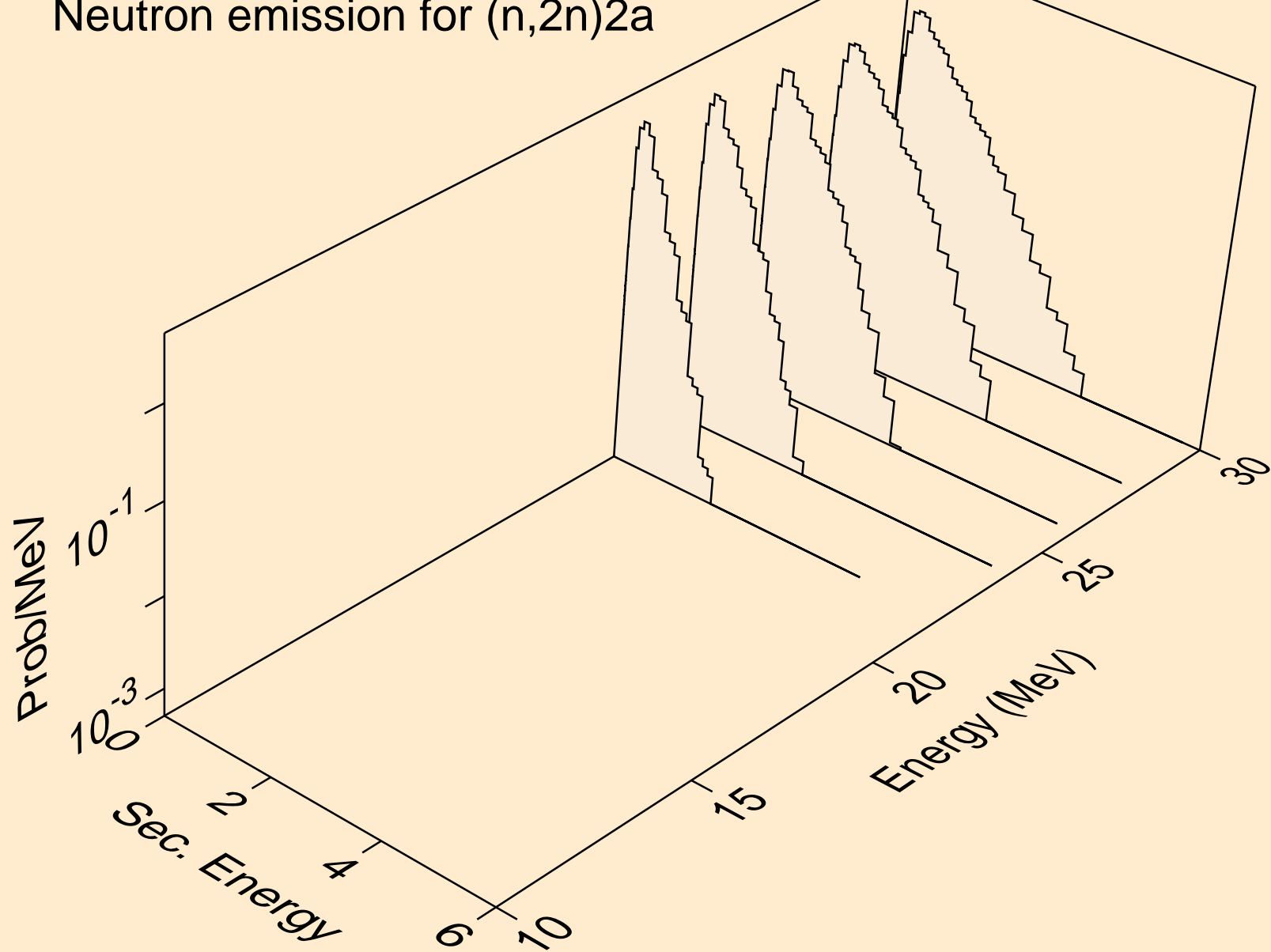
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



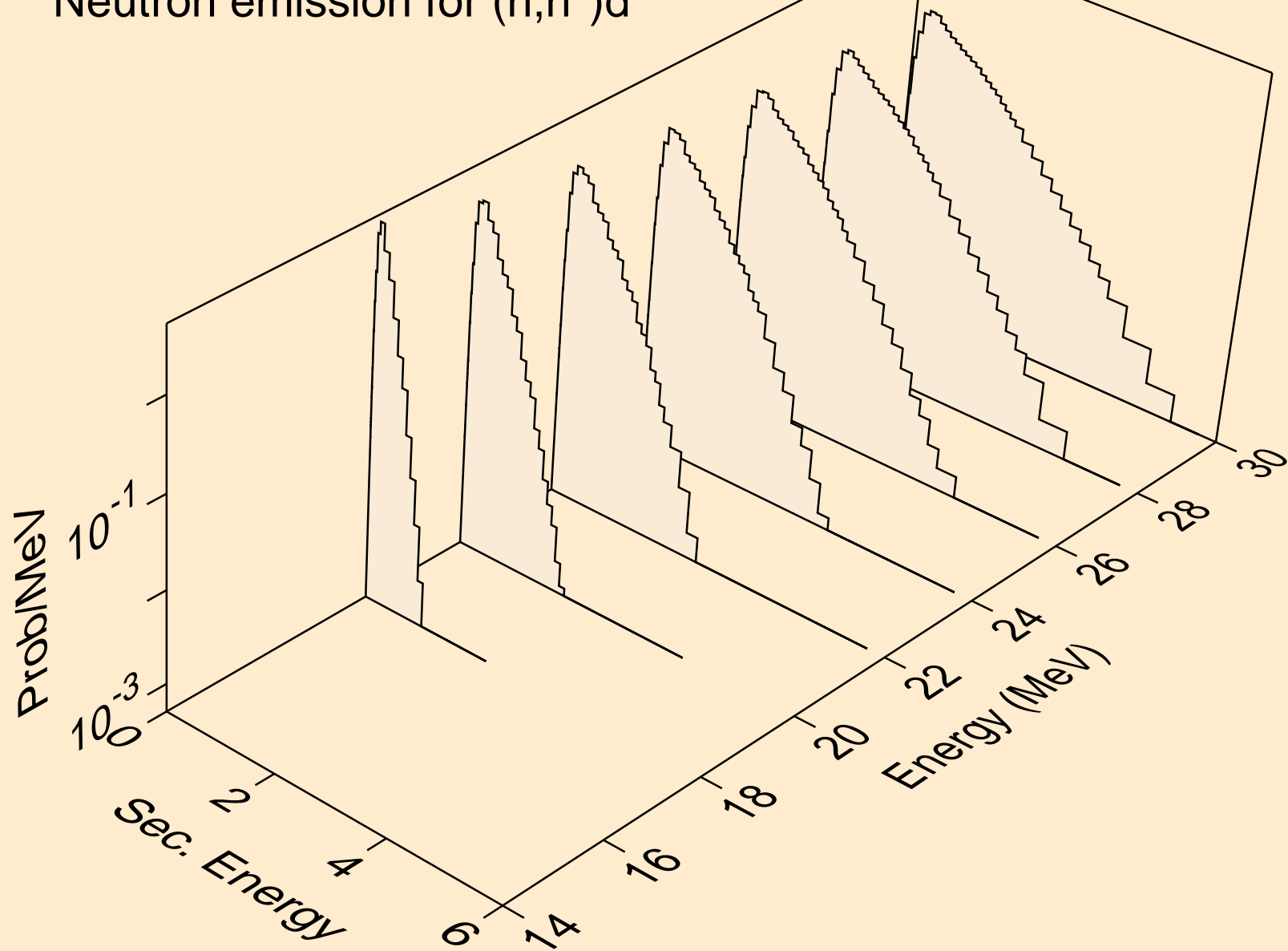
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



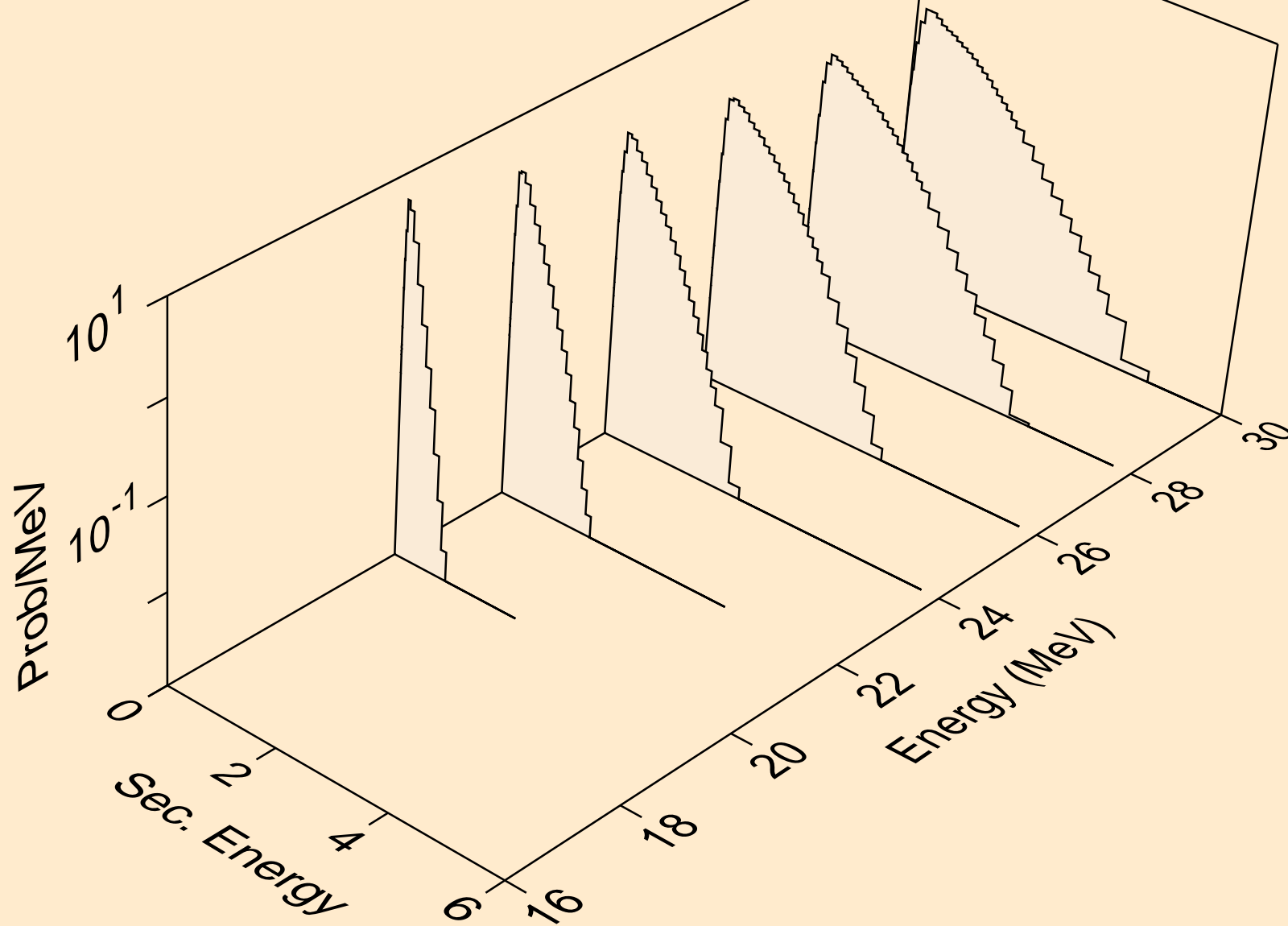
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



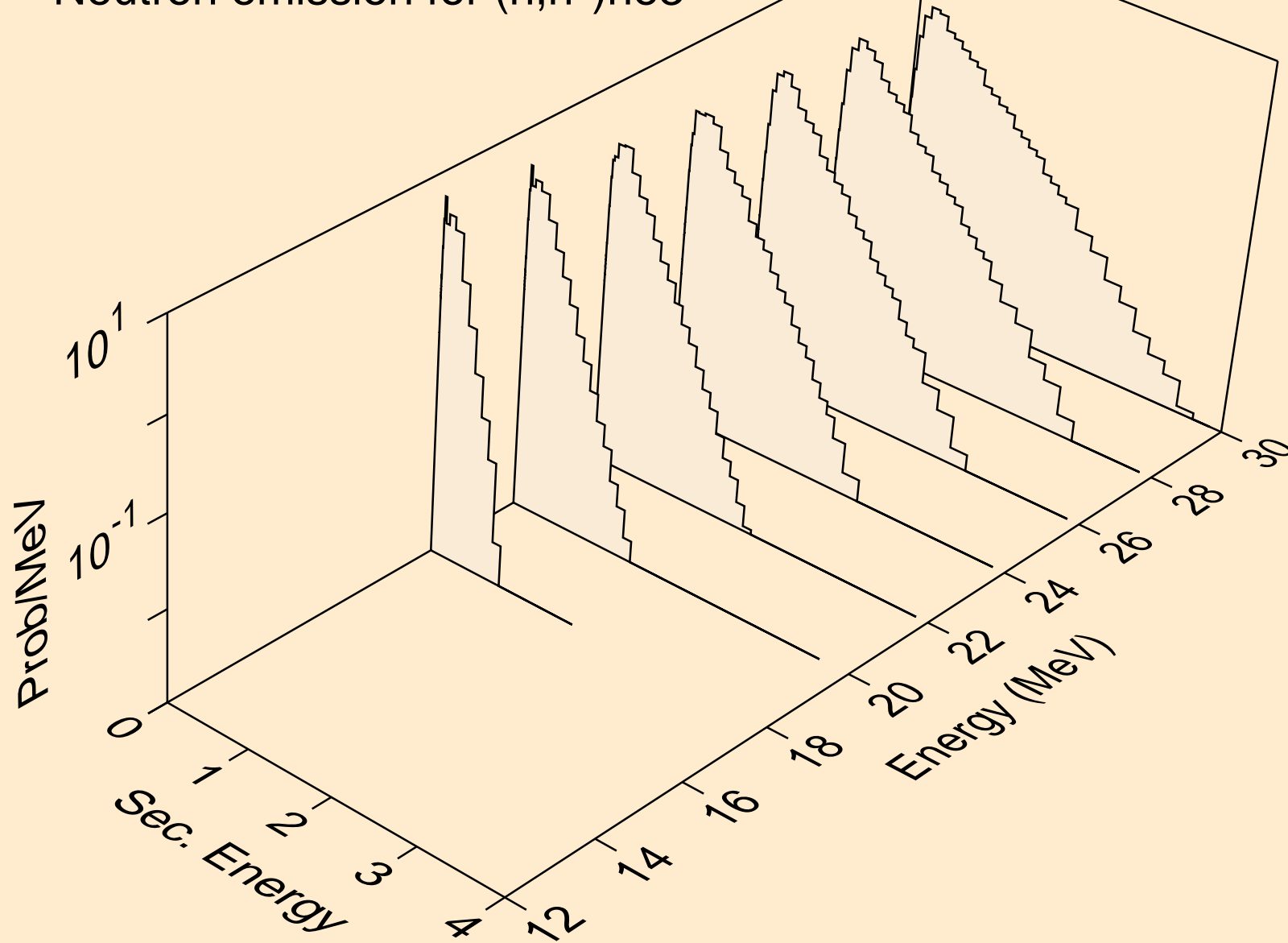
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

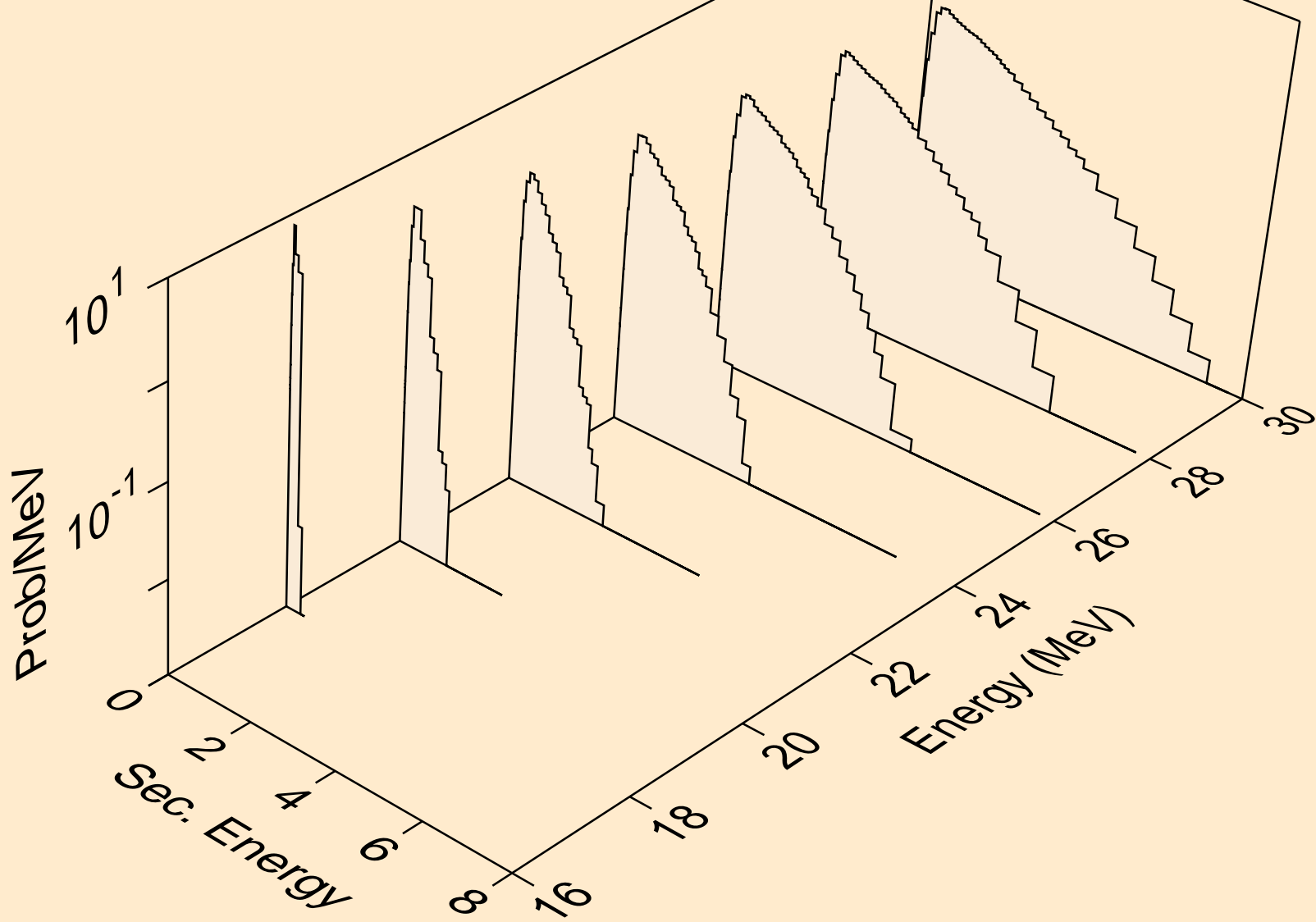


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

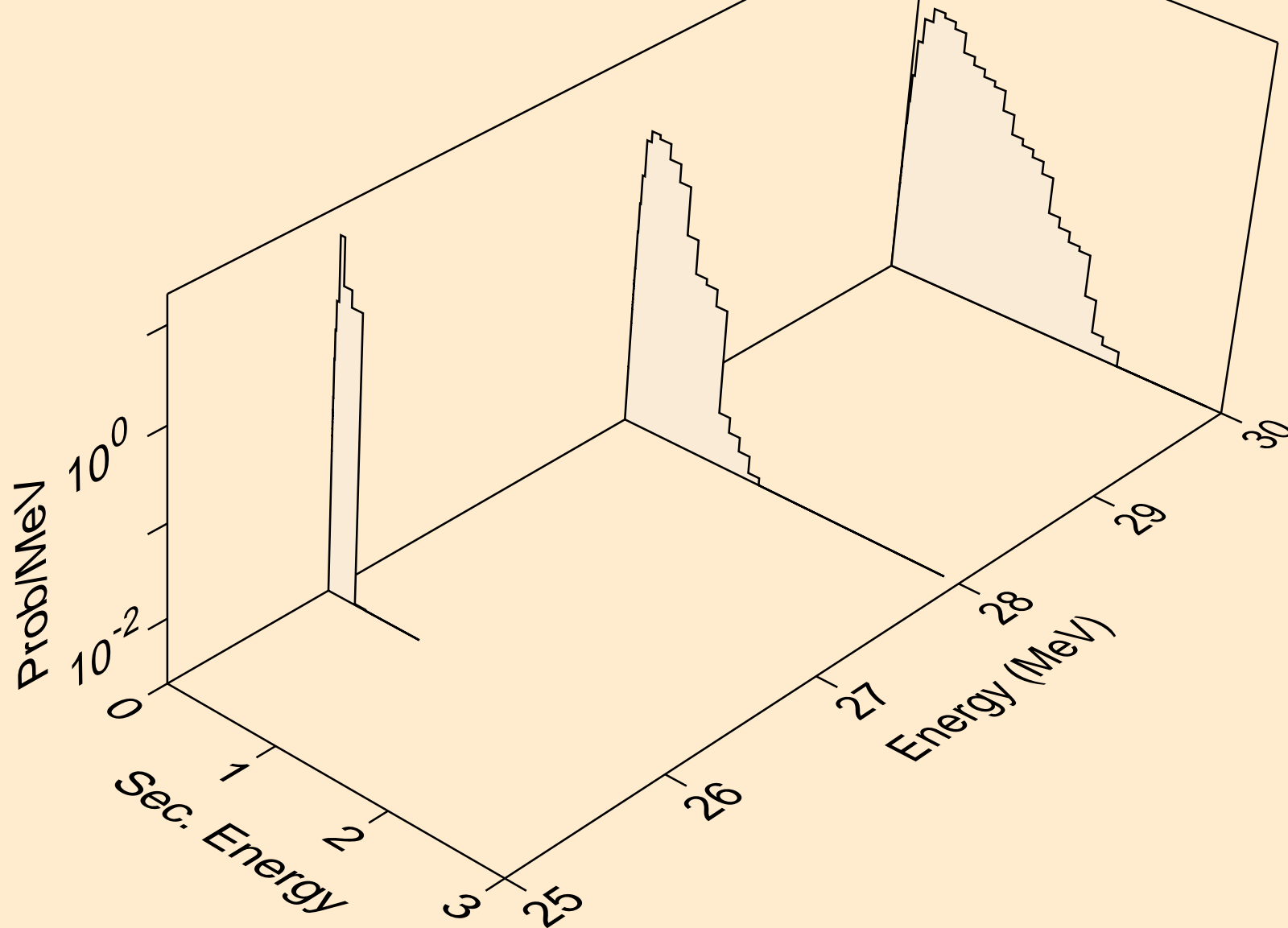




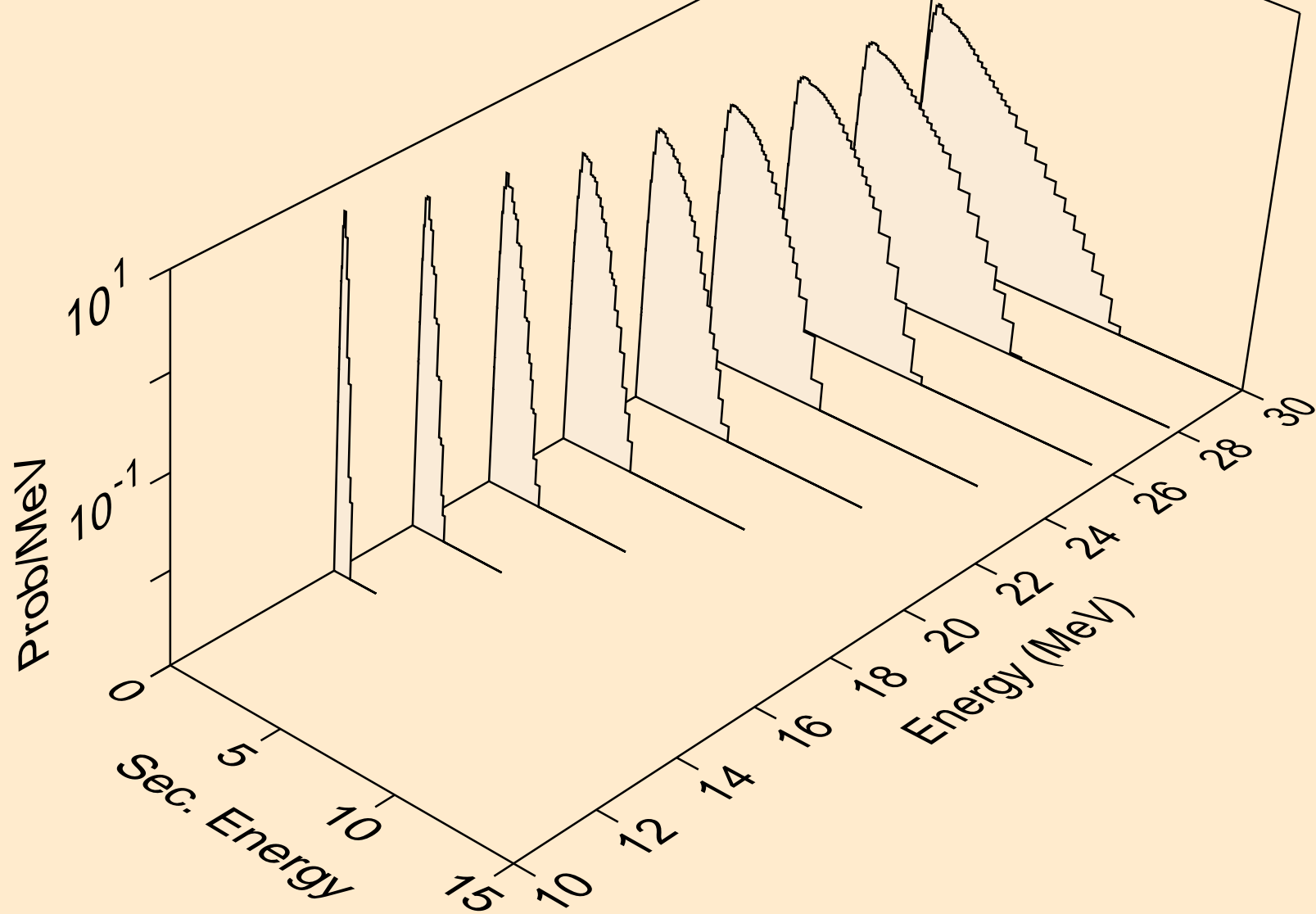
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



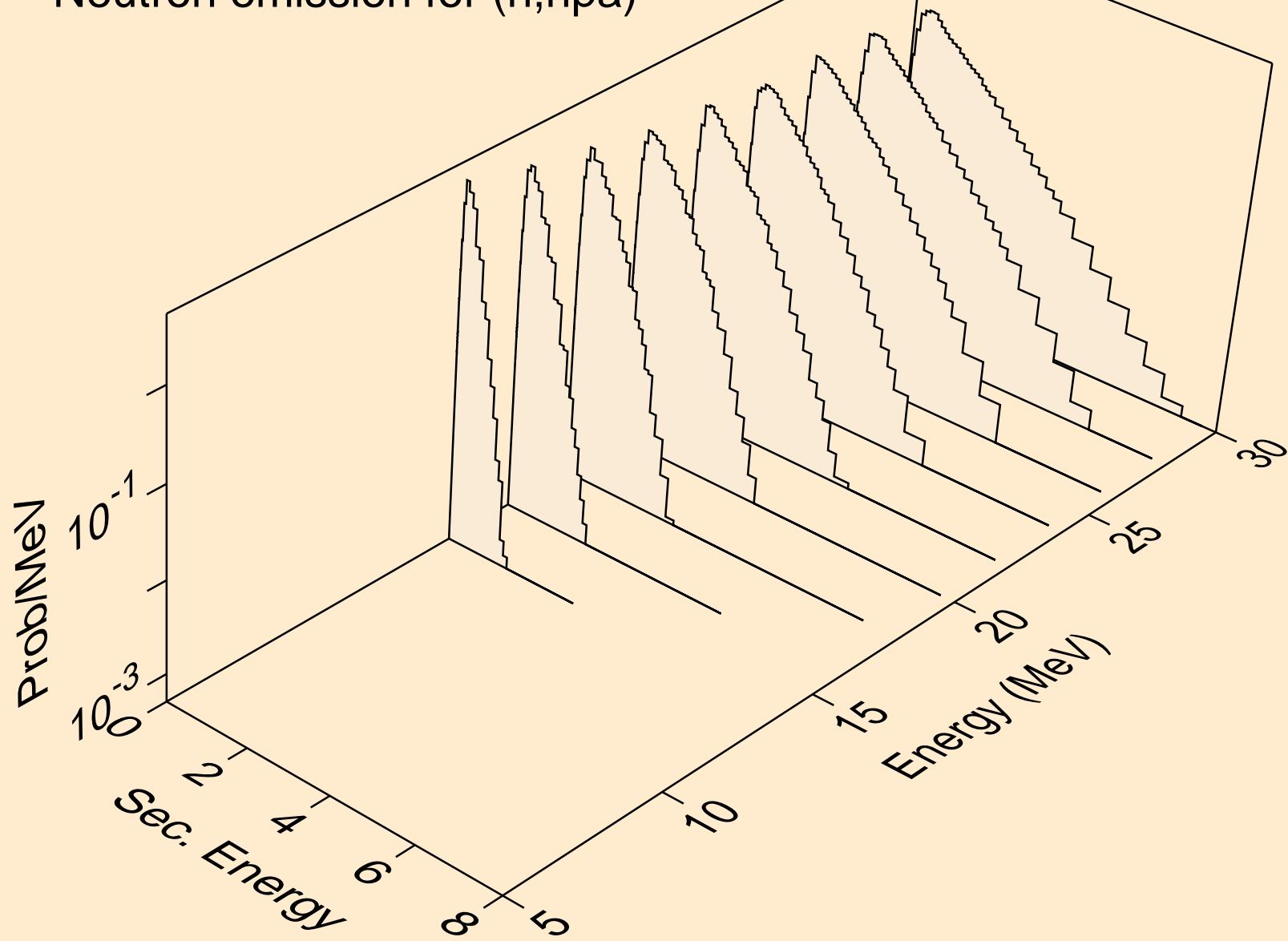
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



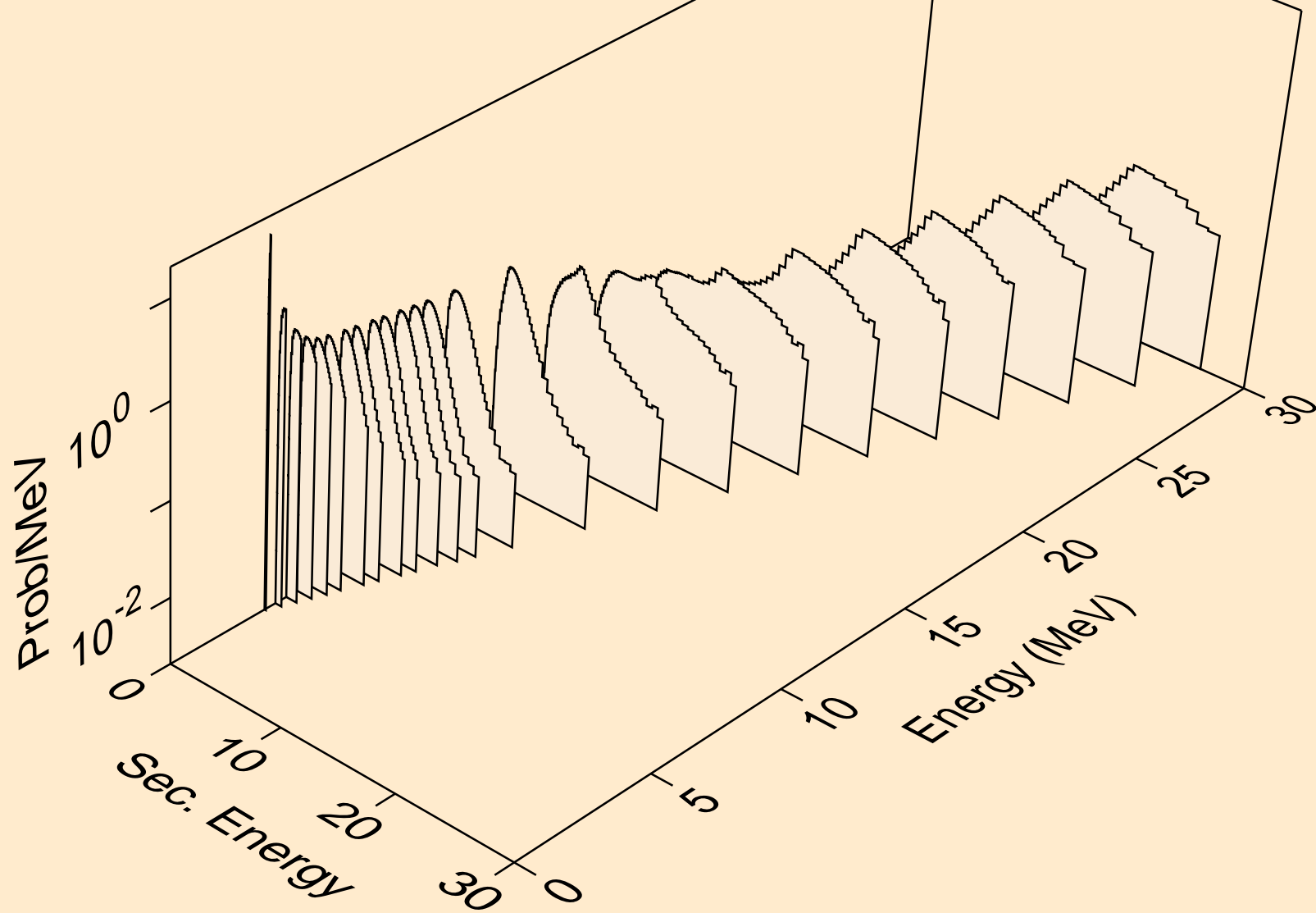
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



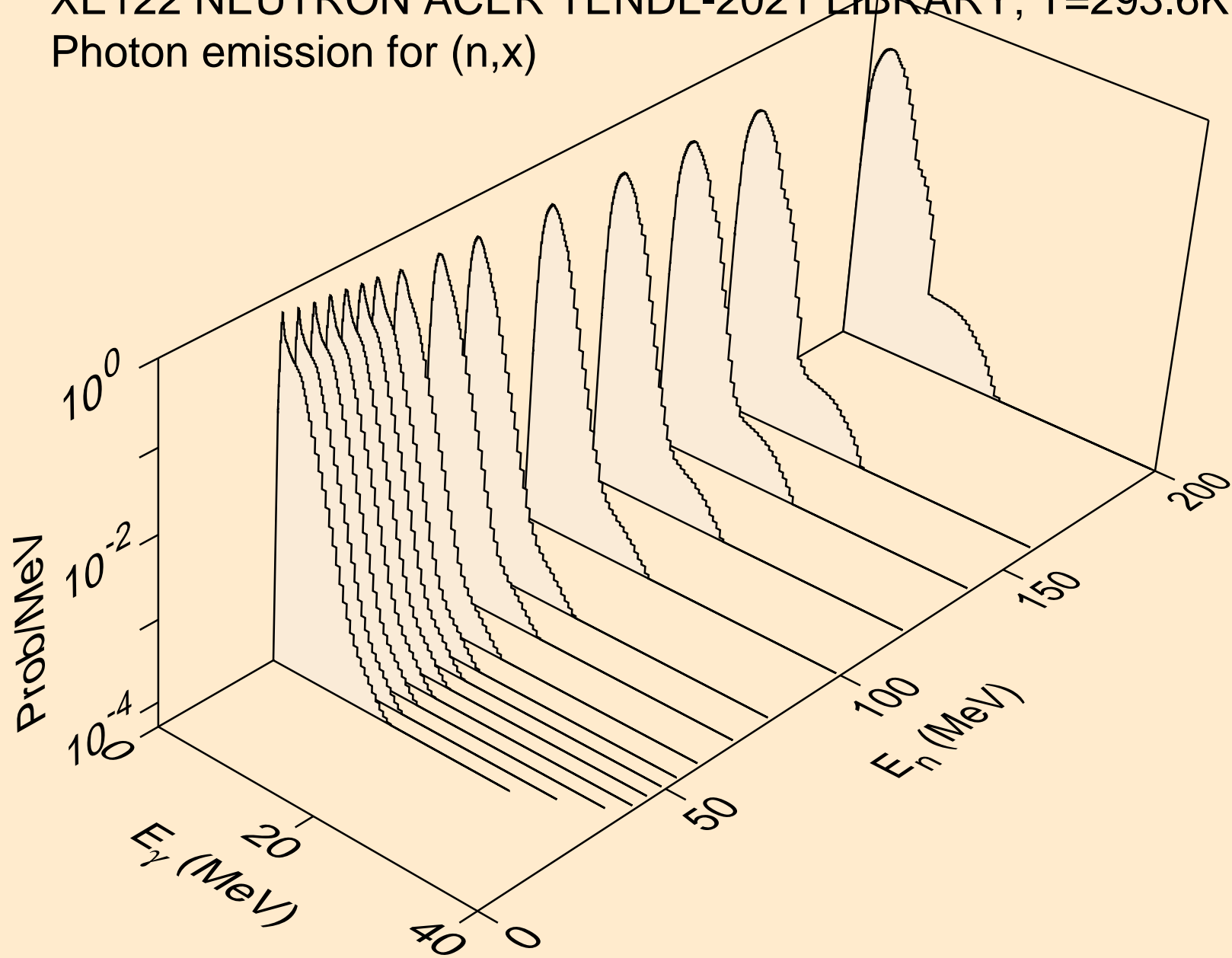
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



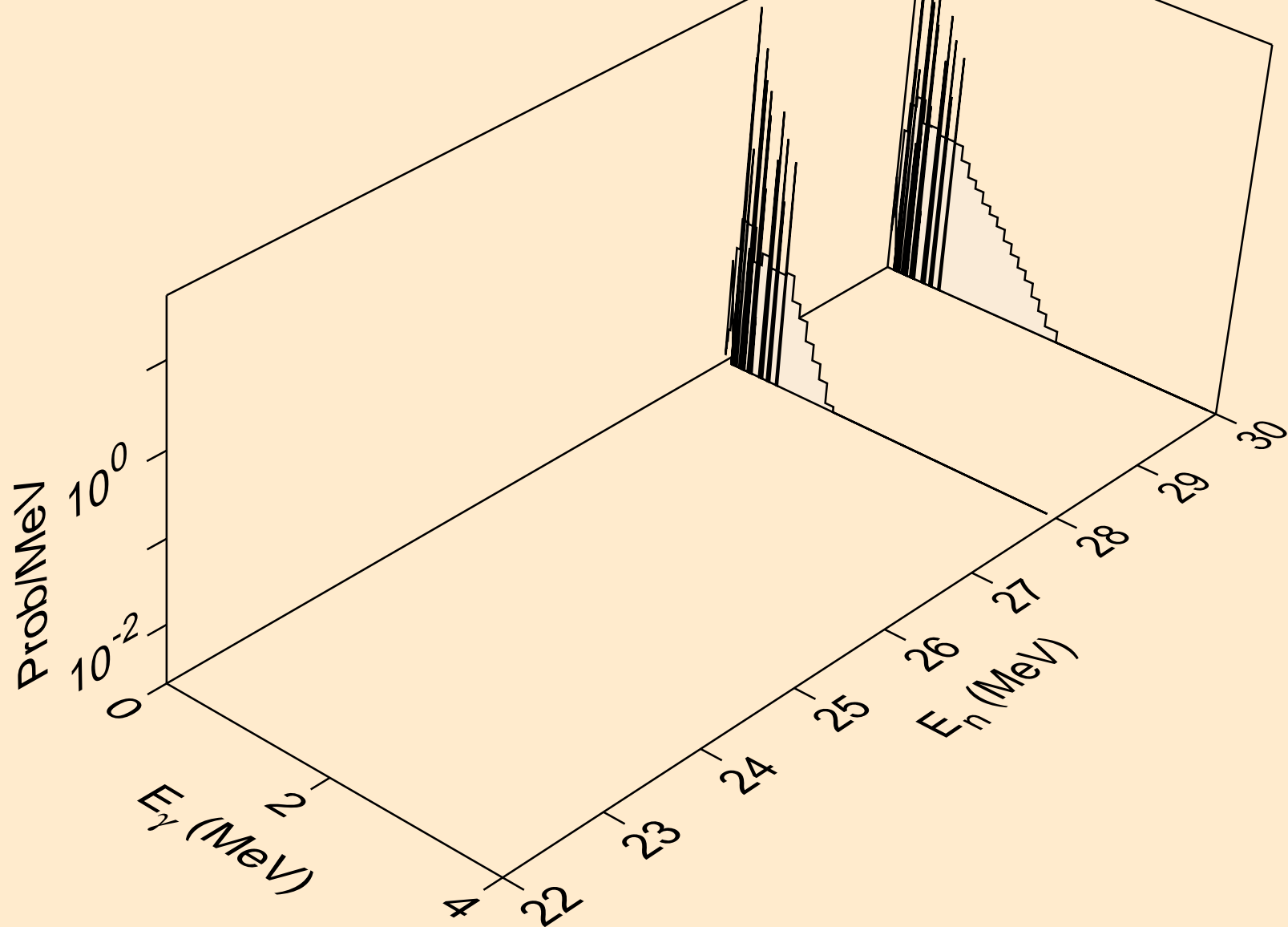
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



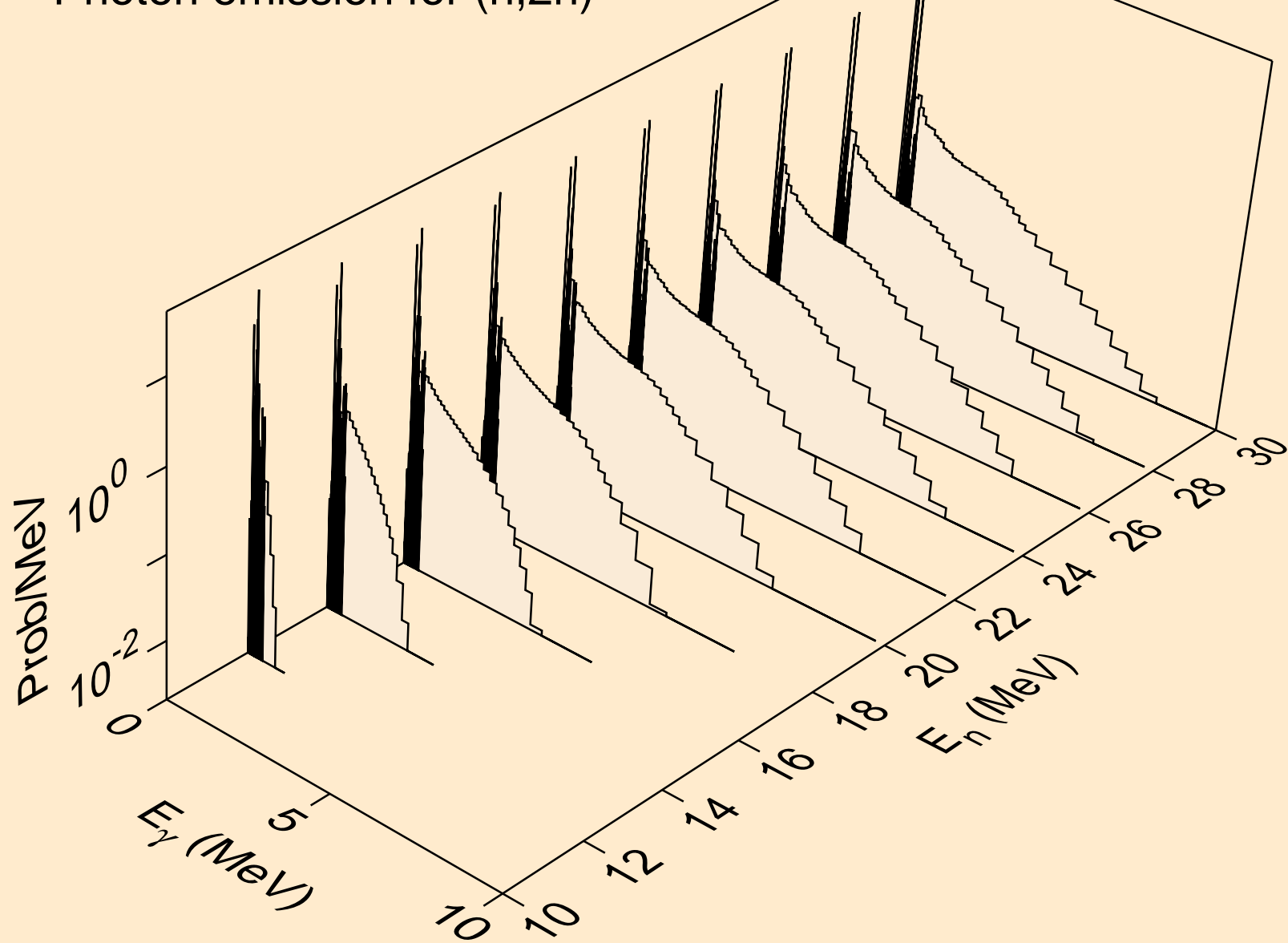
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

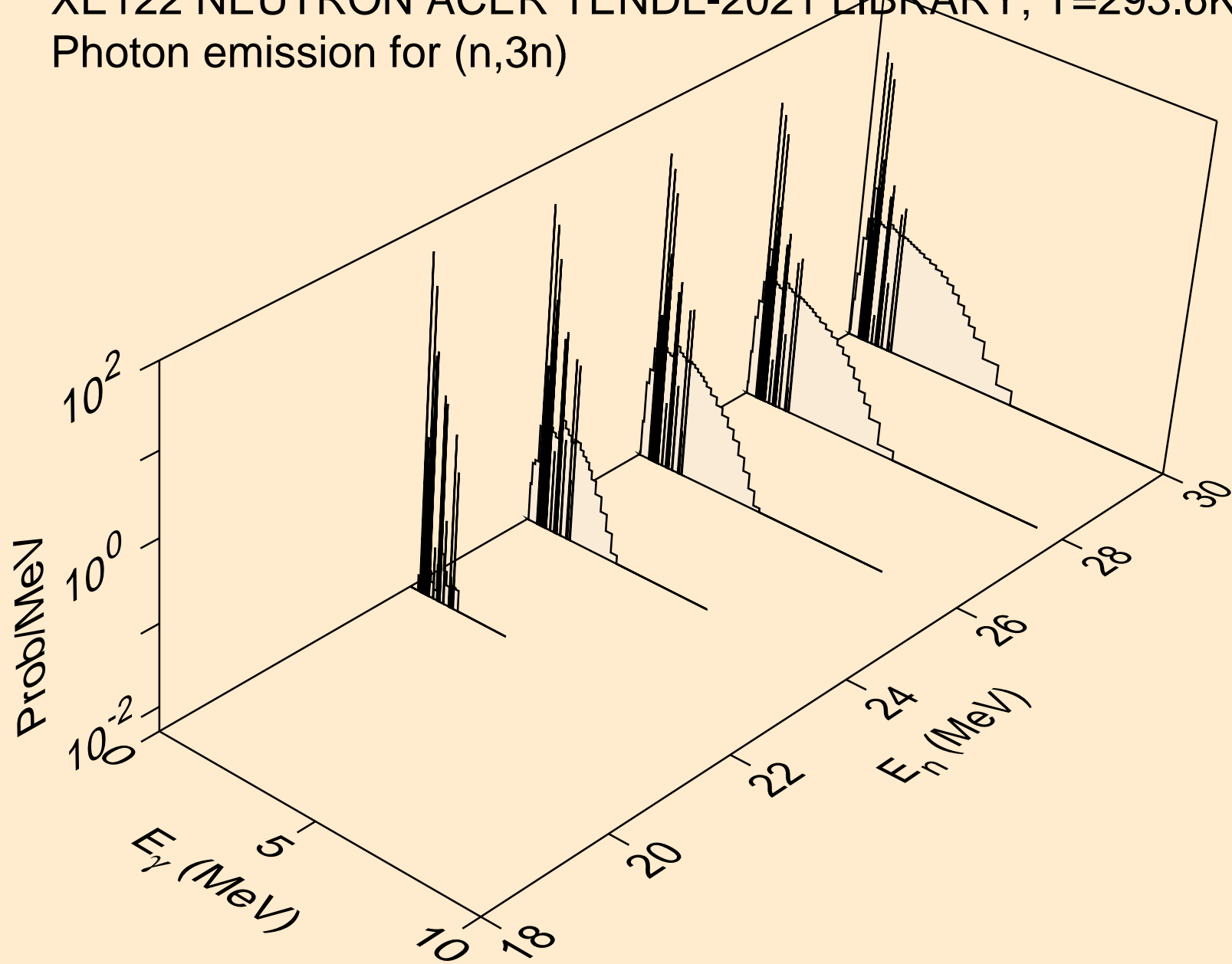


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

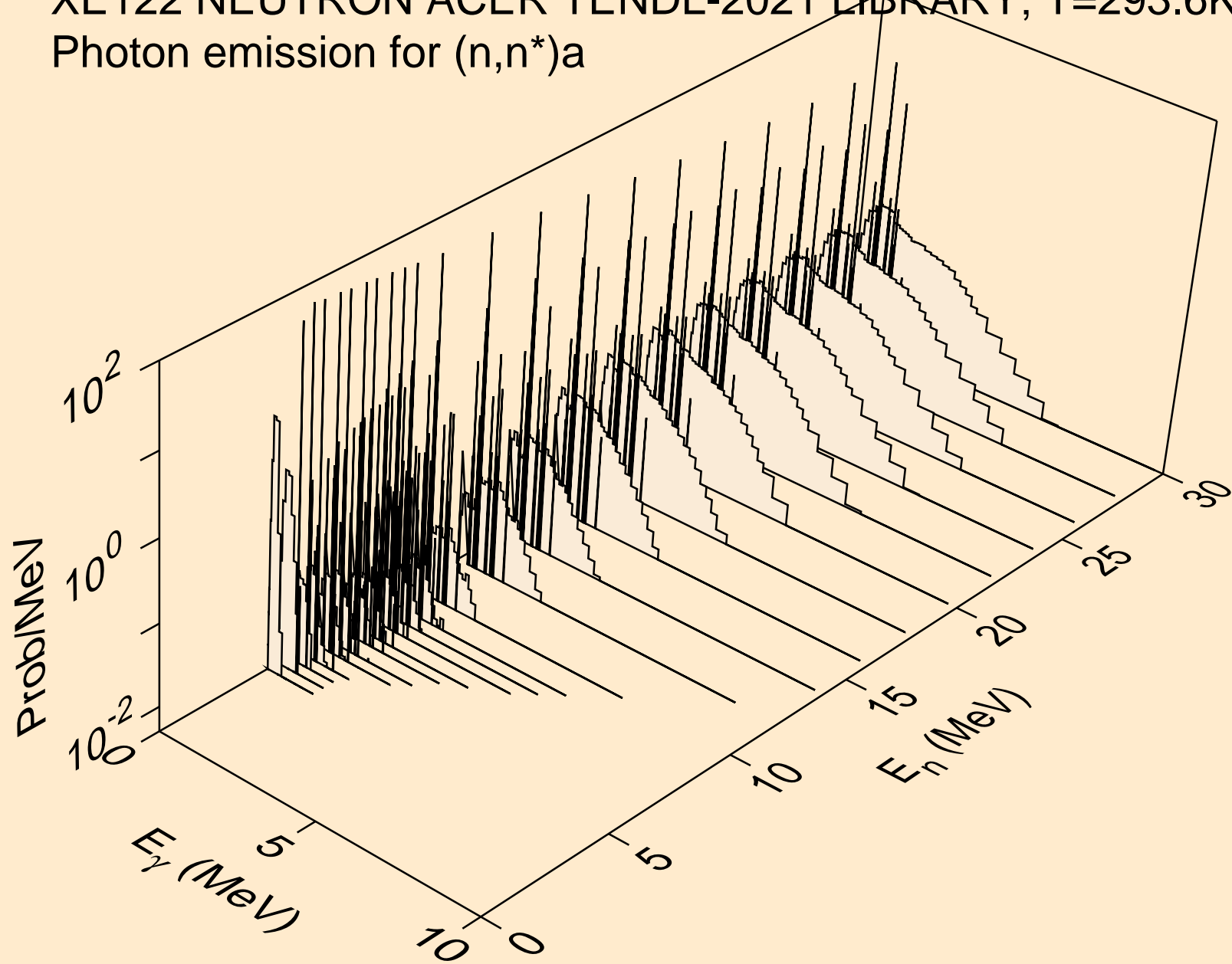




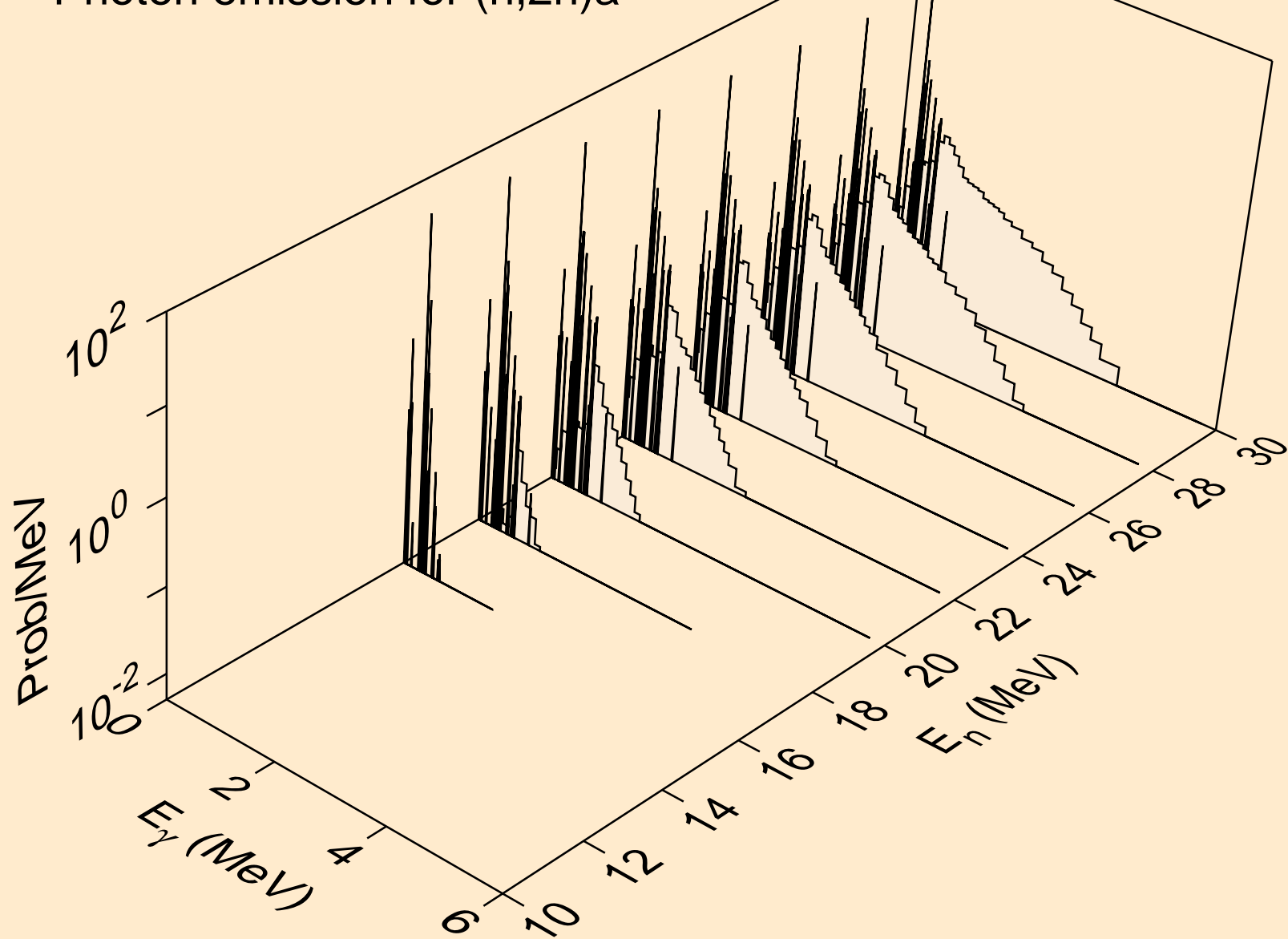
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



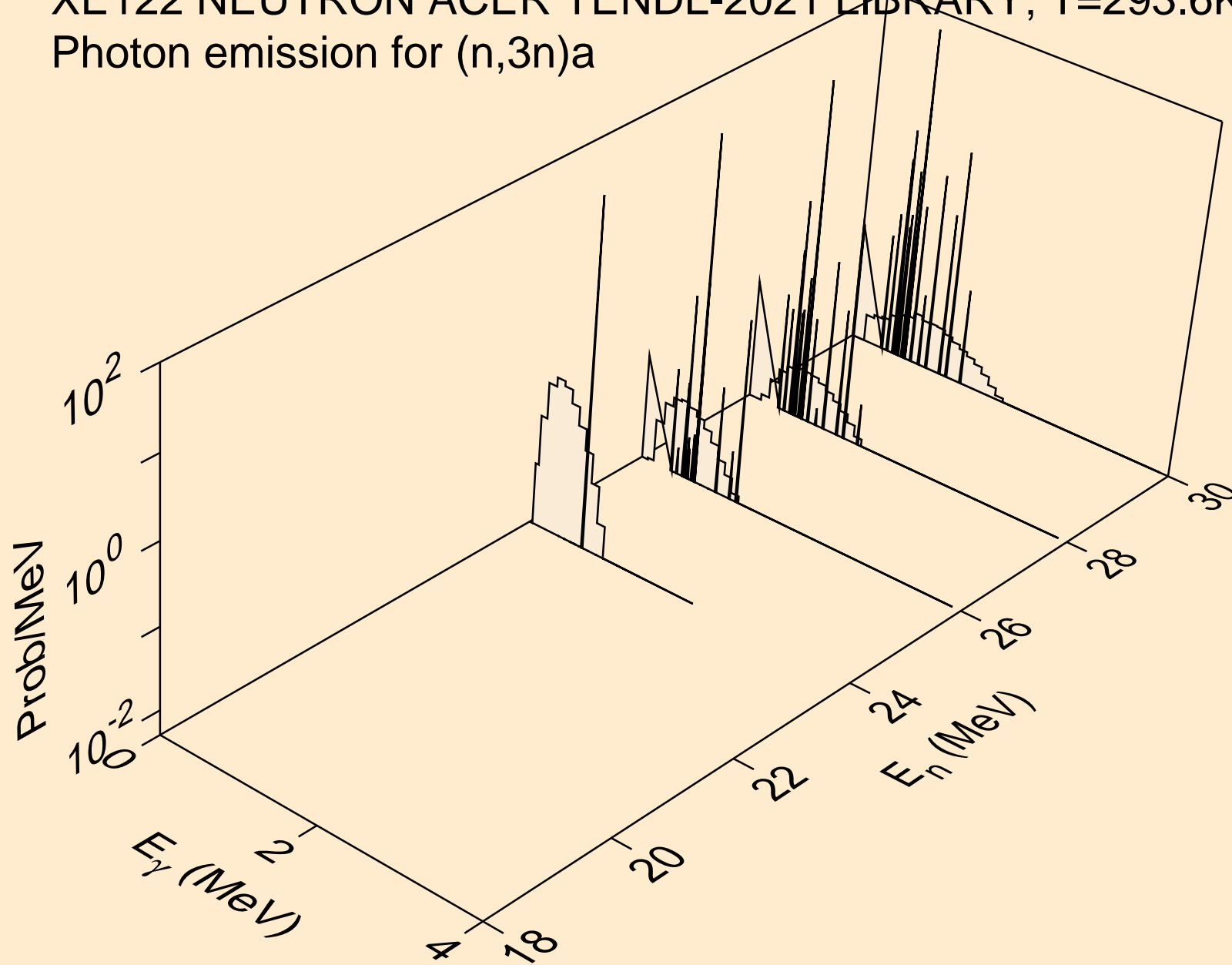
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



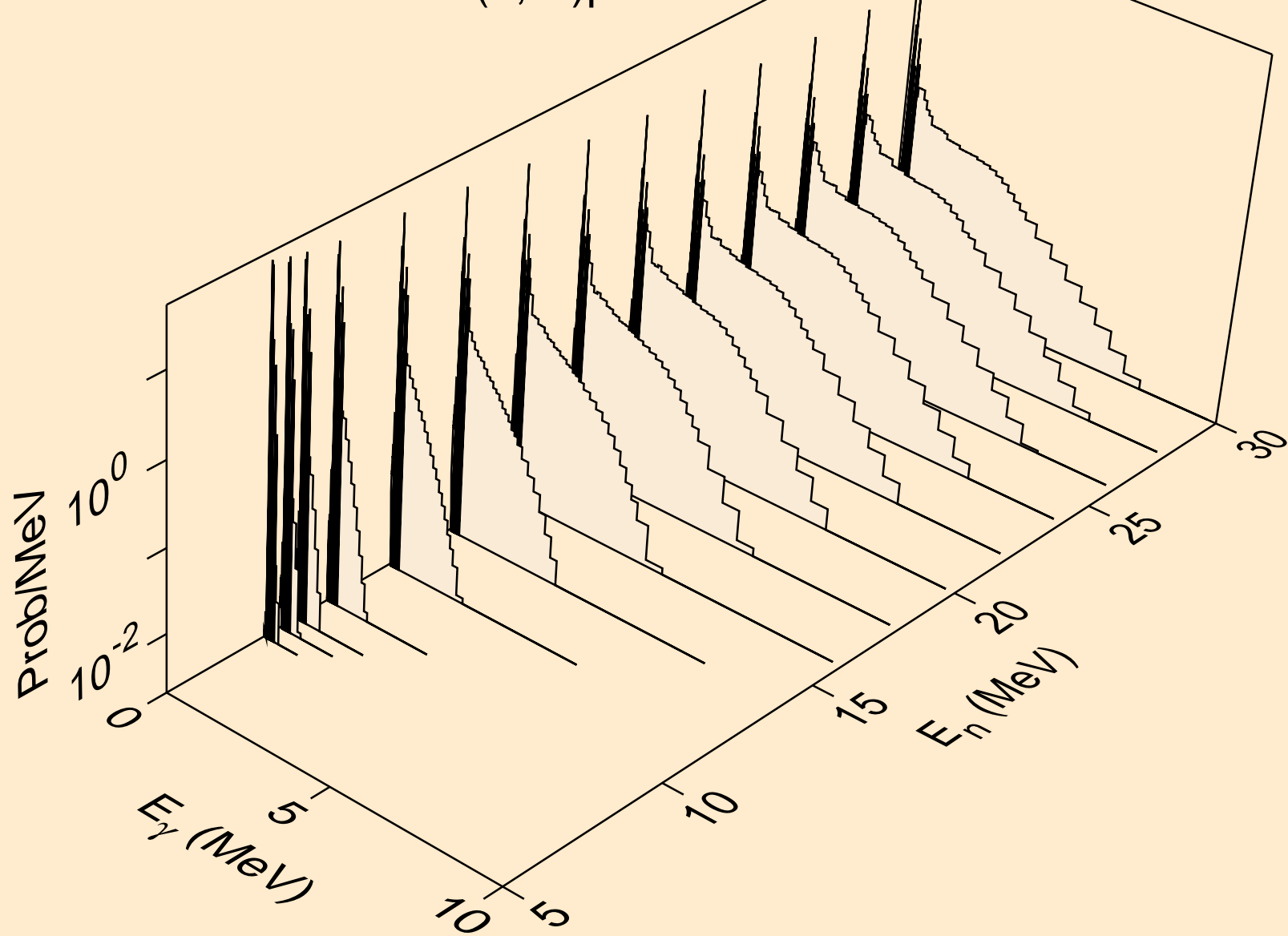
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Photon emission for (n,2n)a



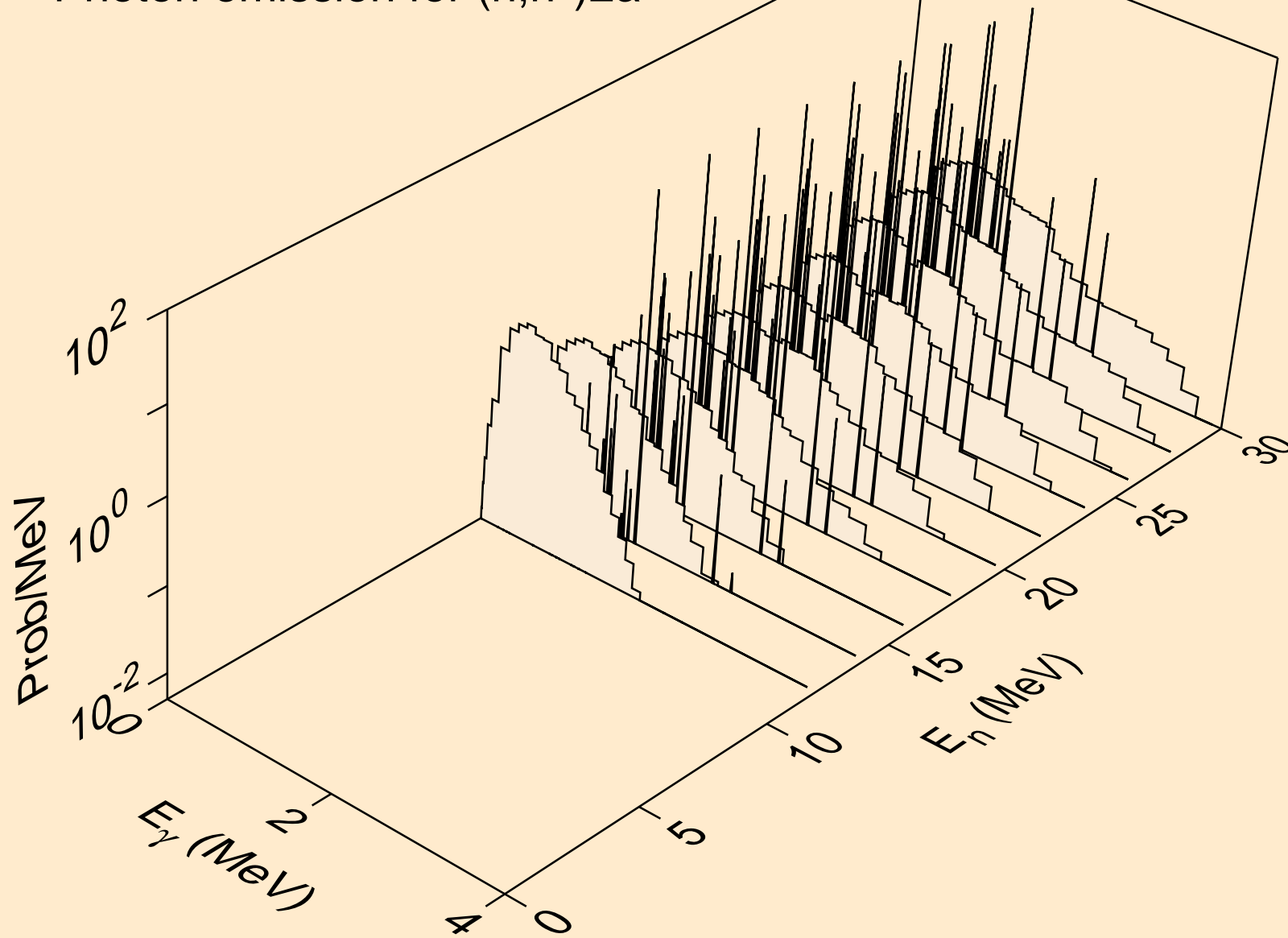
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Photon emission for (n,3n)a



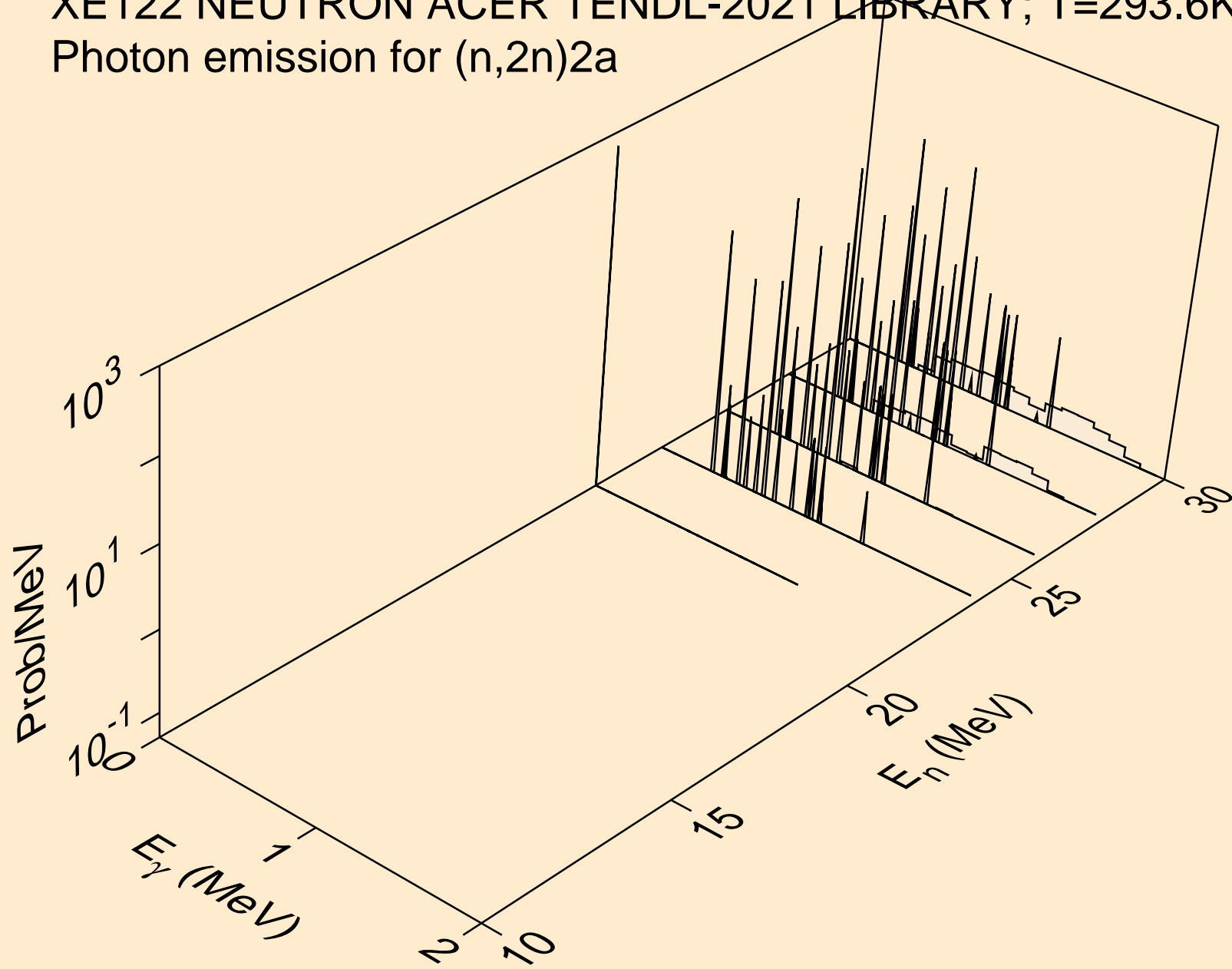
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



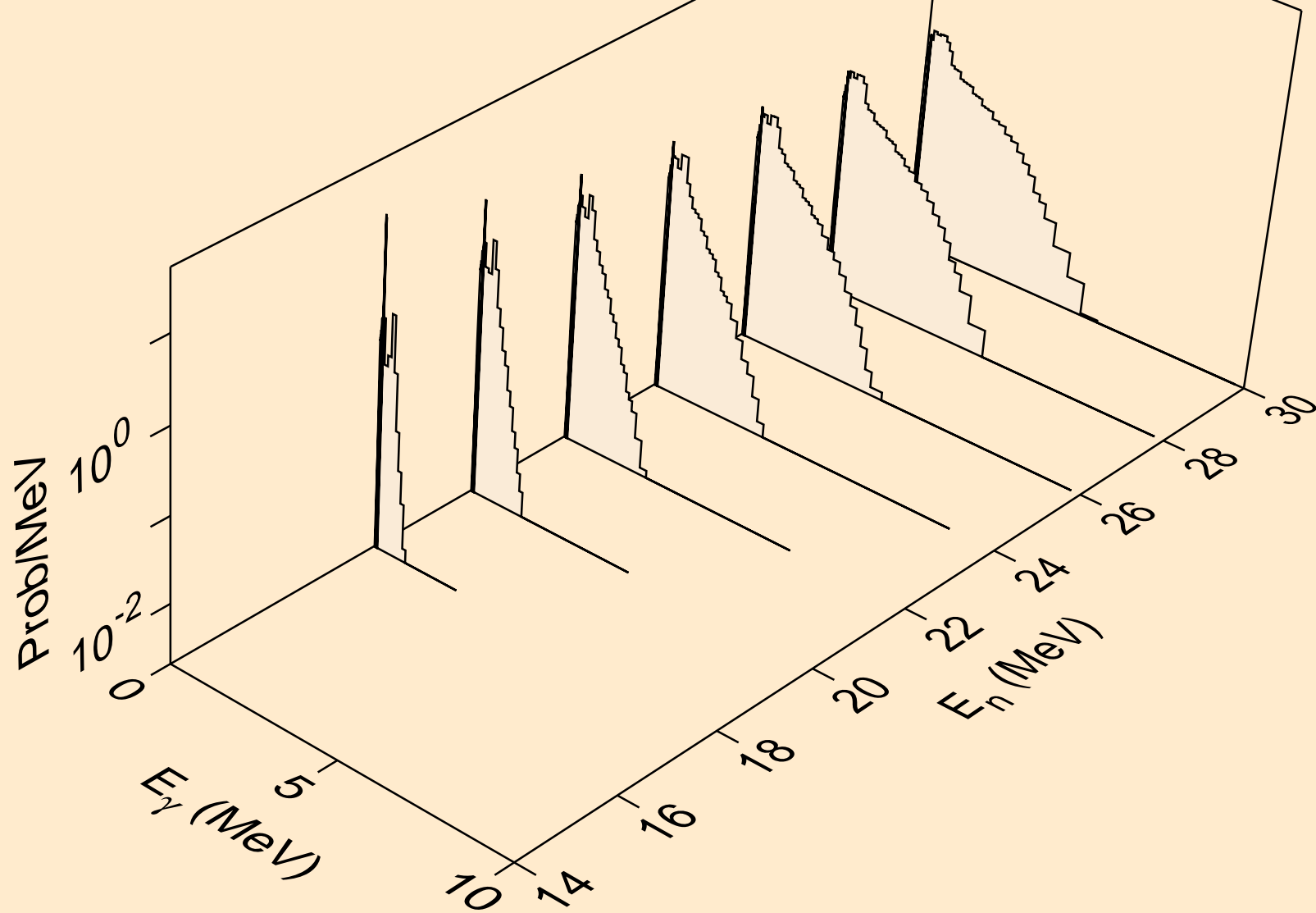
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a

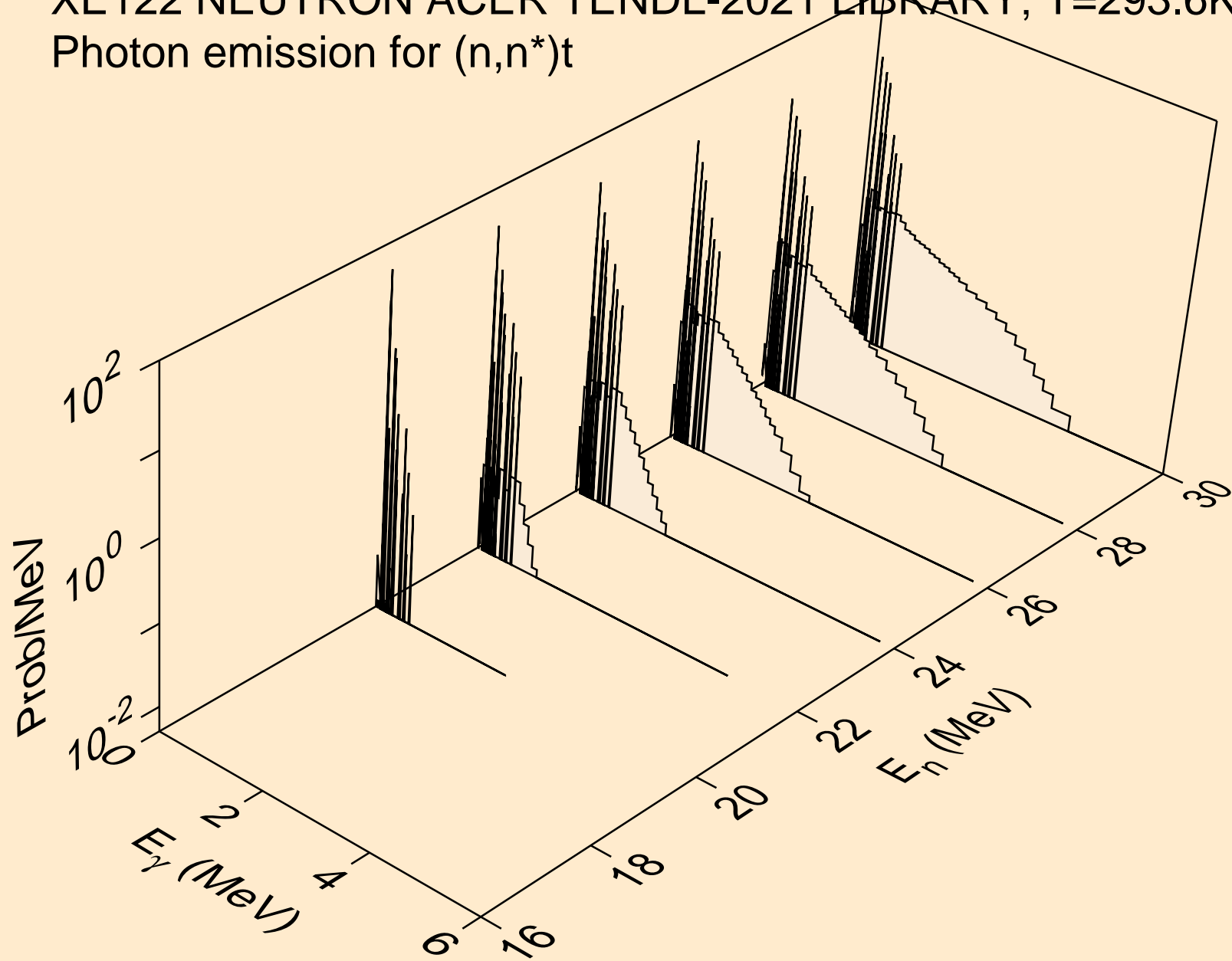


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

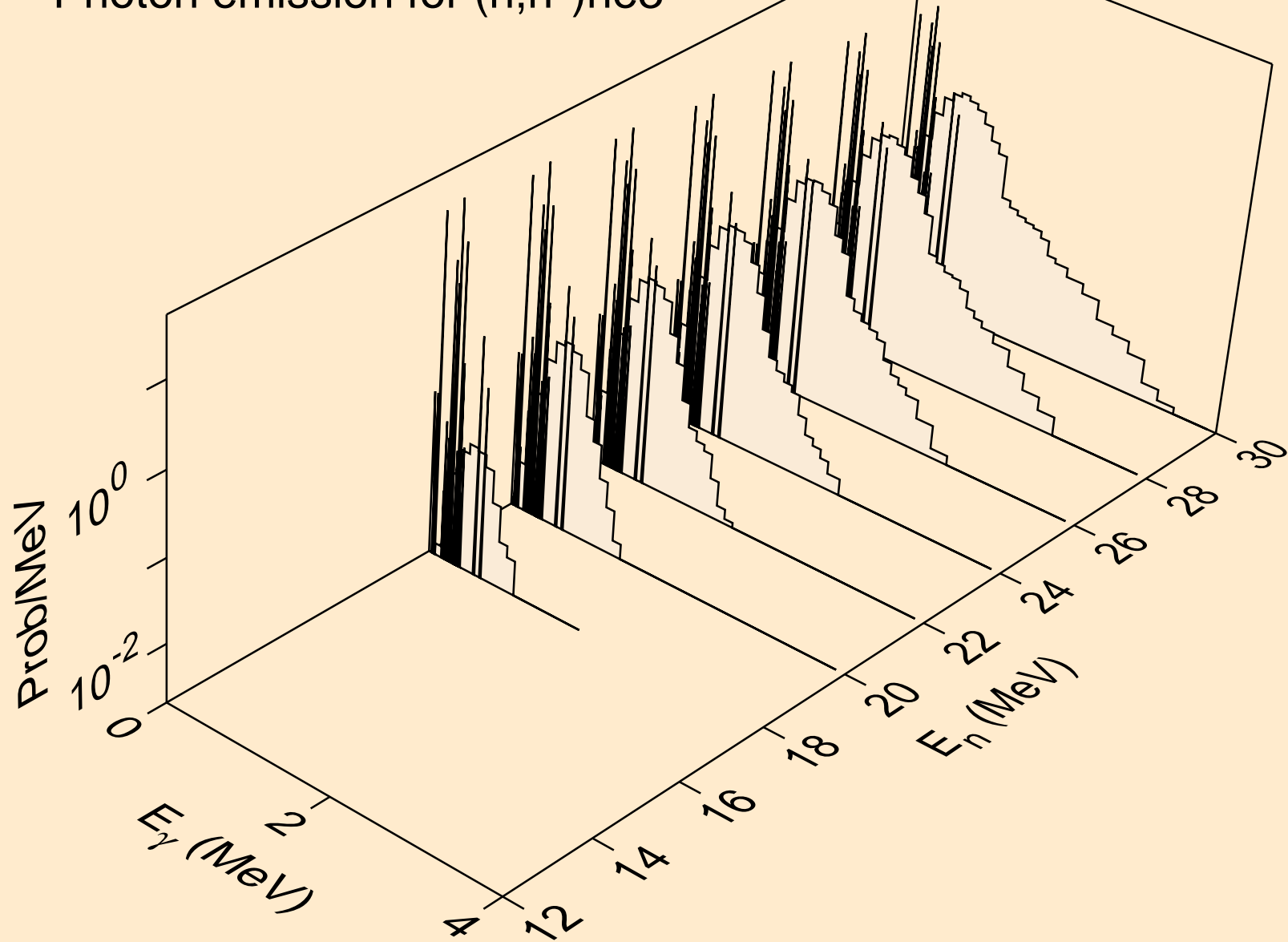




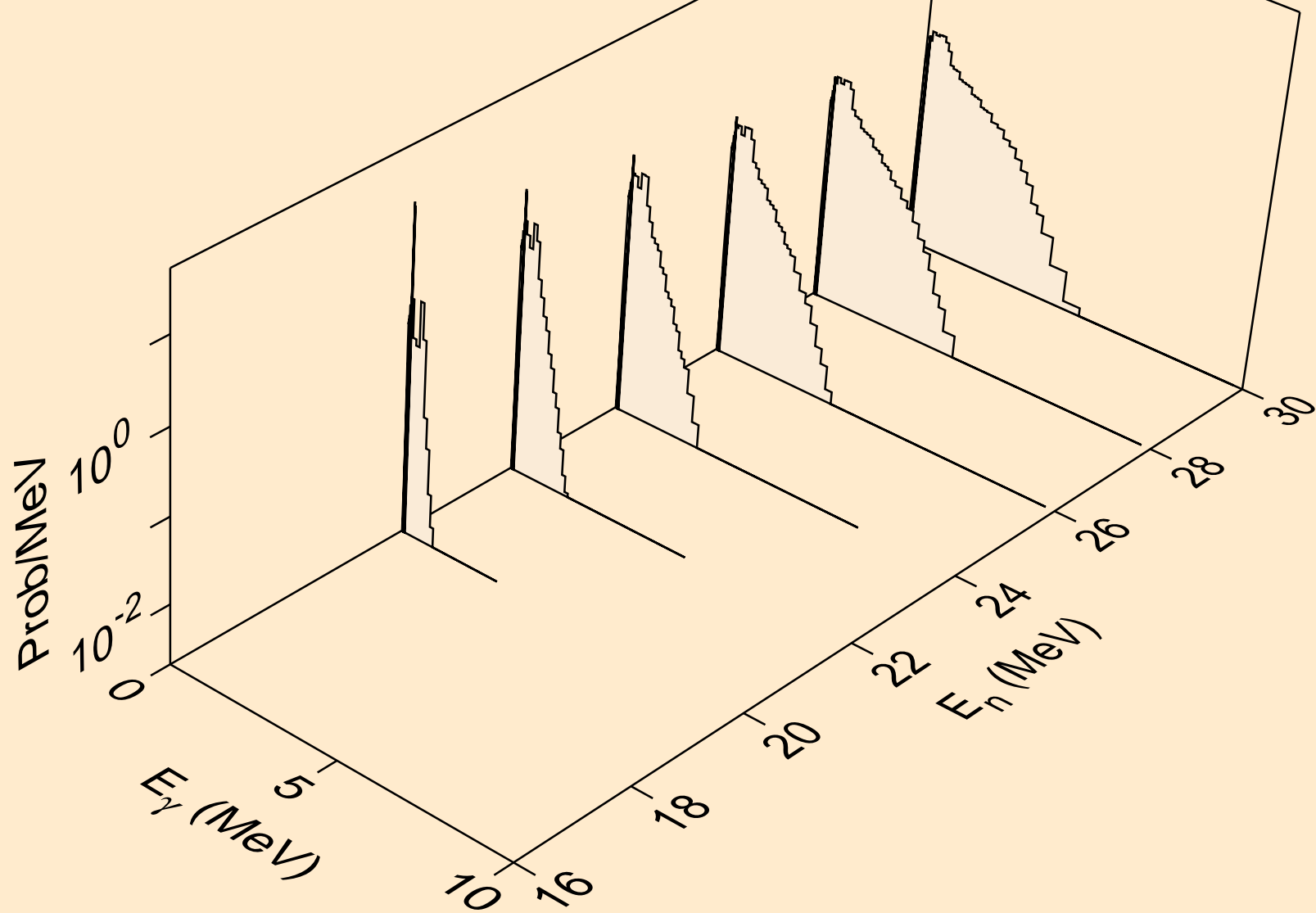
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



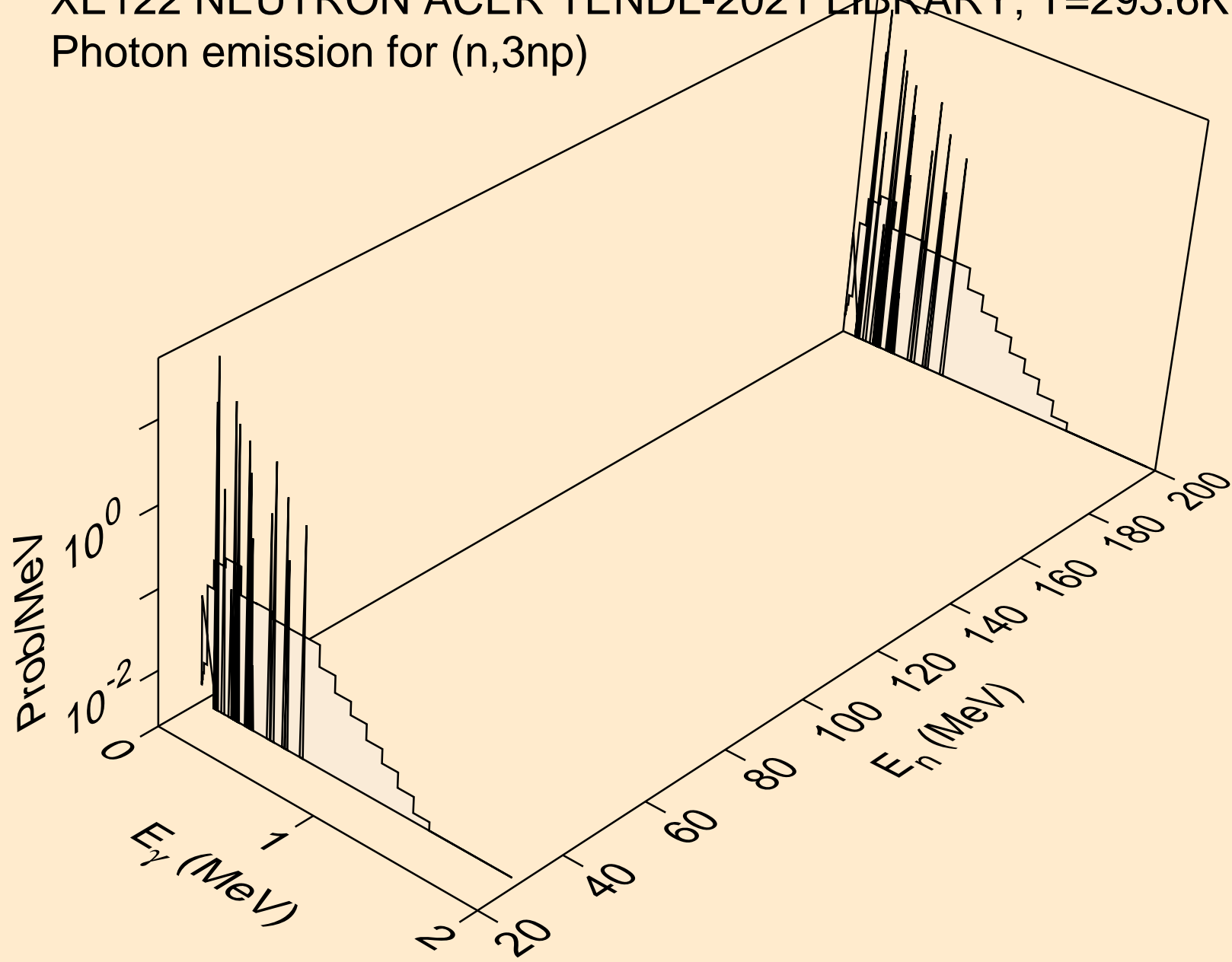
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



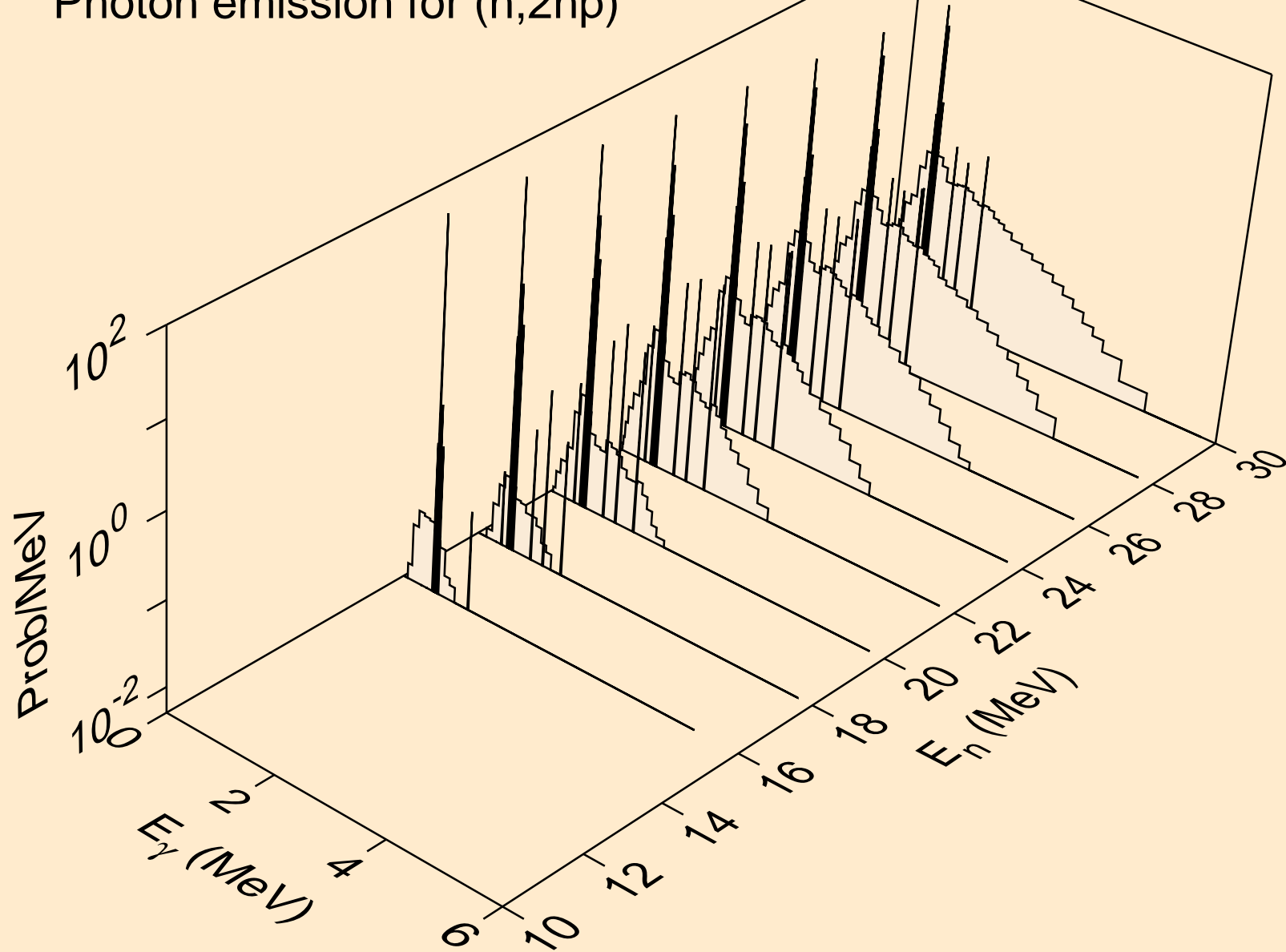
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



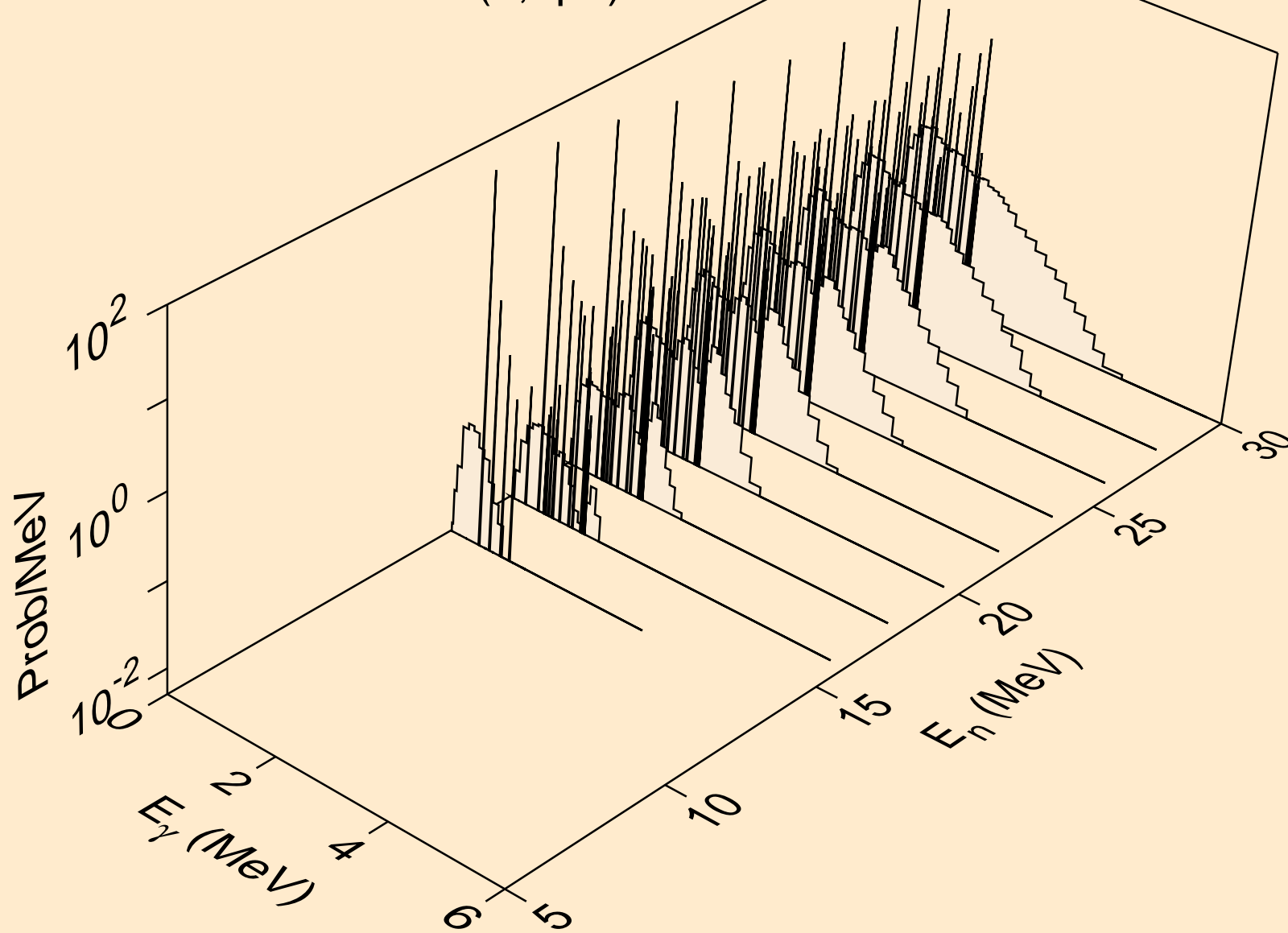
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



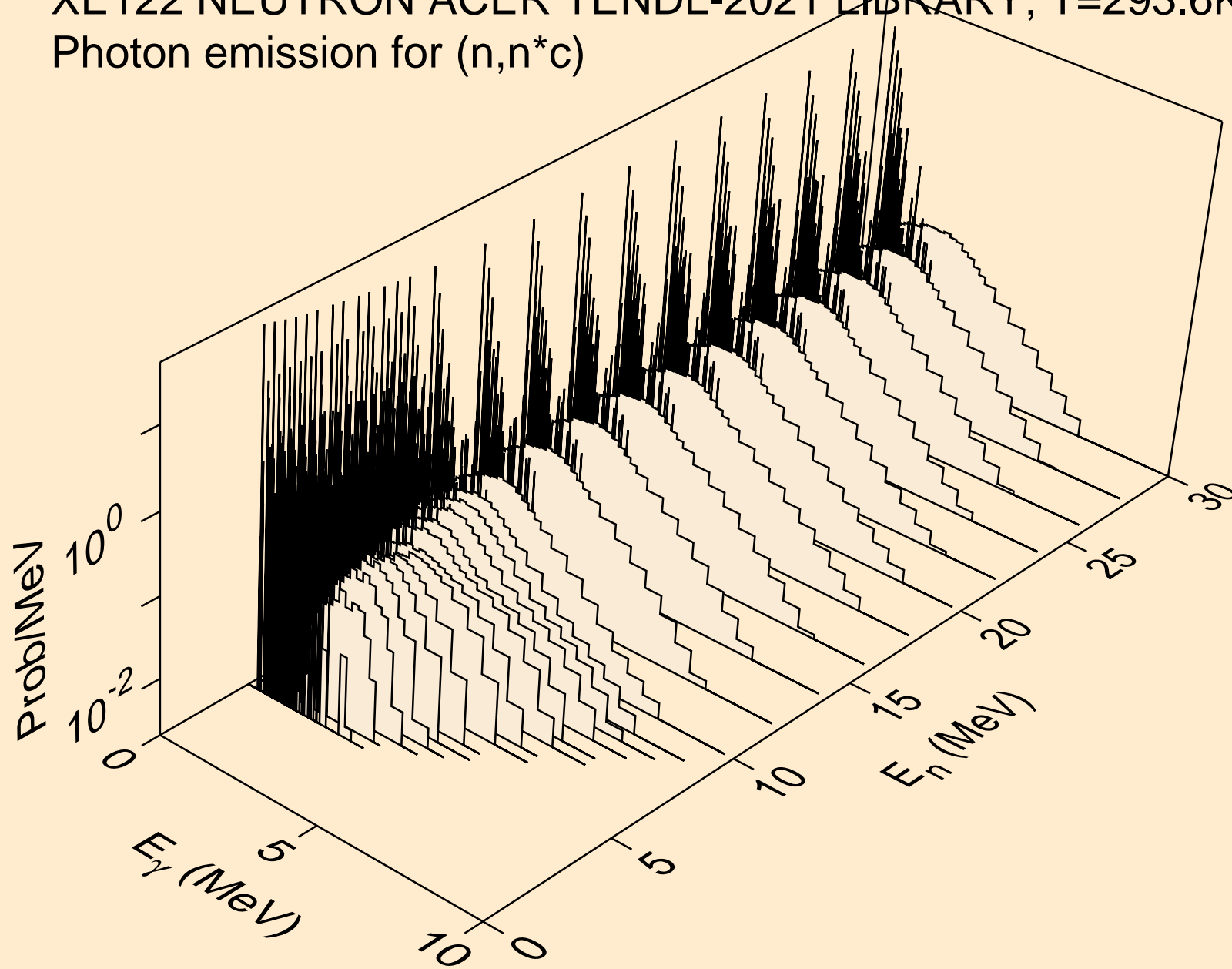
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Photon emission for (n,2np)



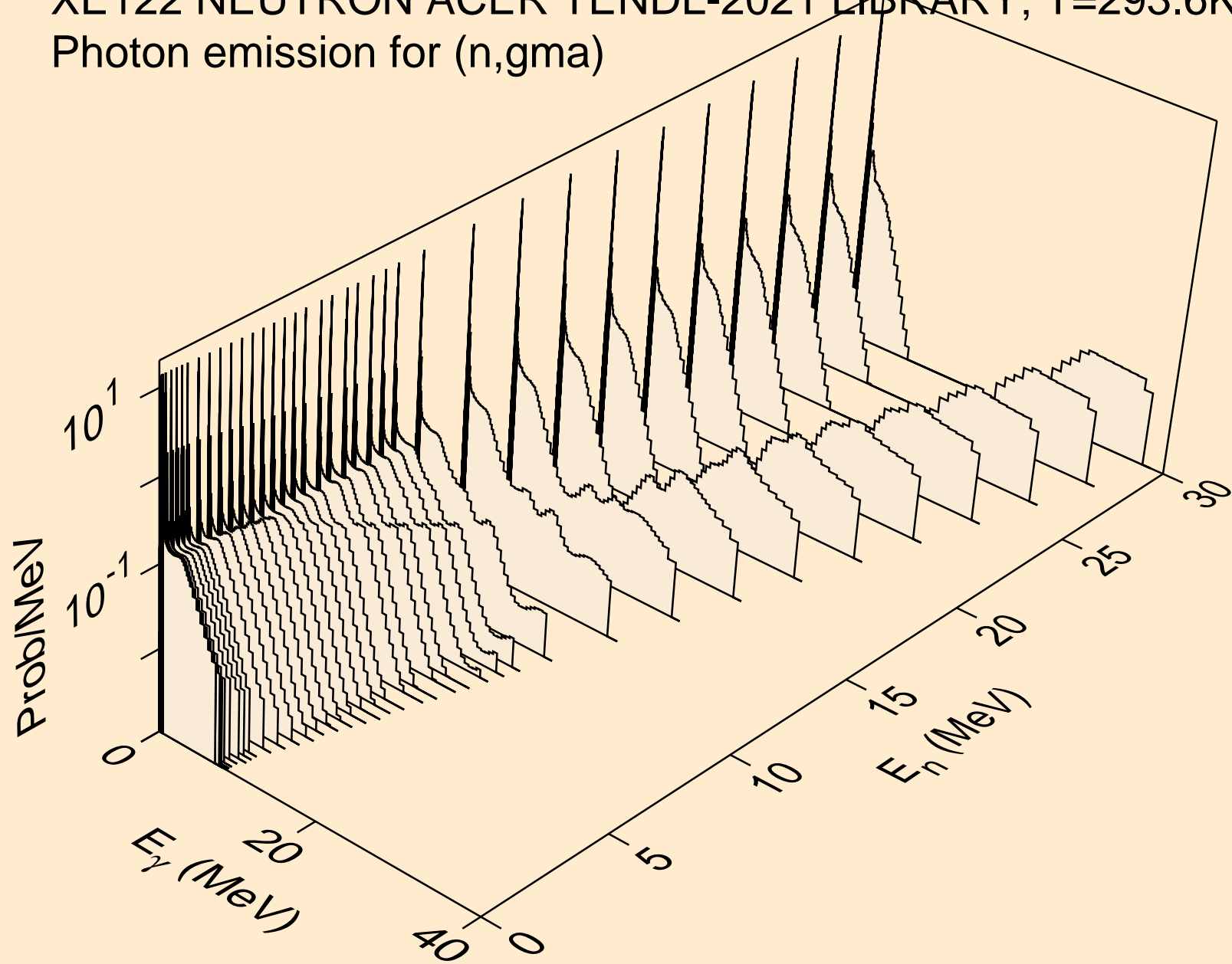
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

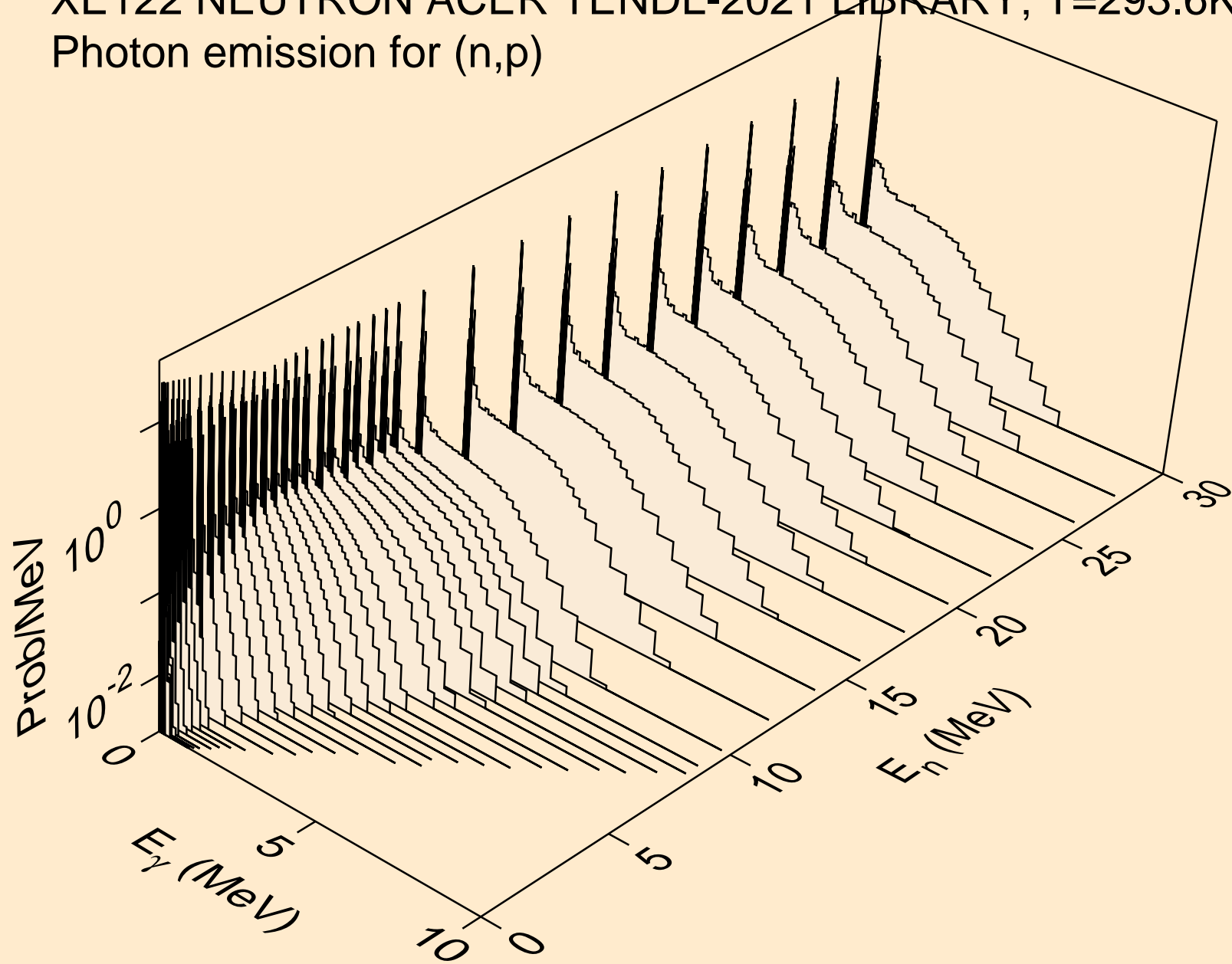


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

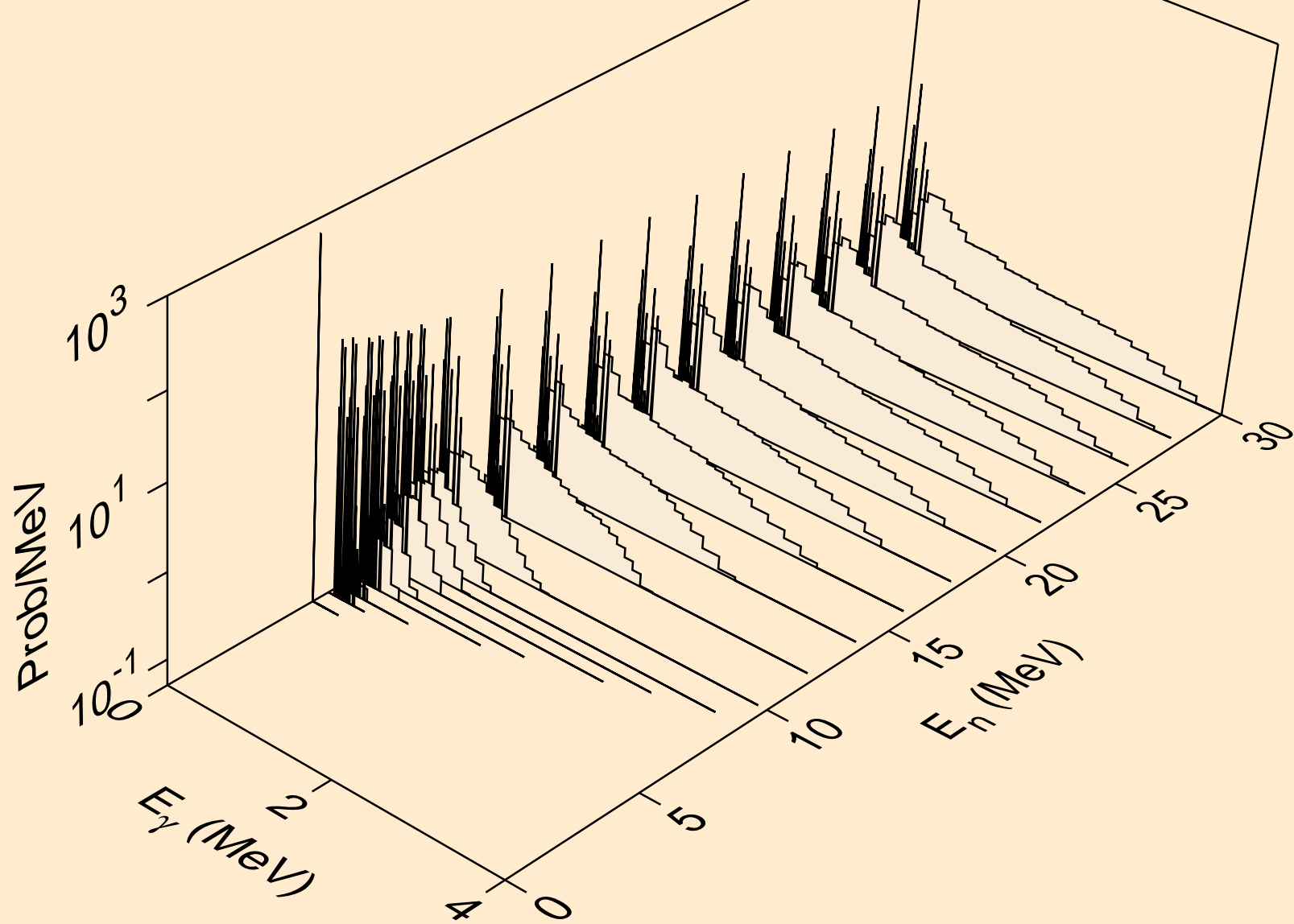




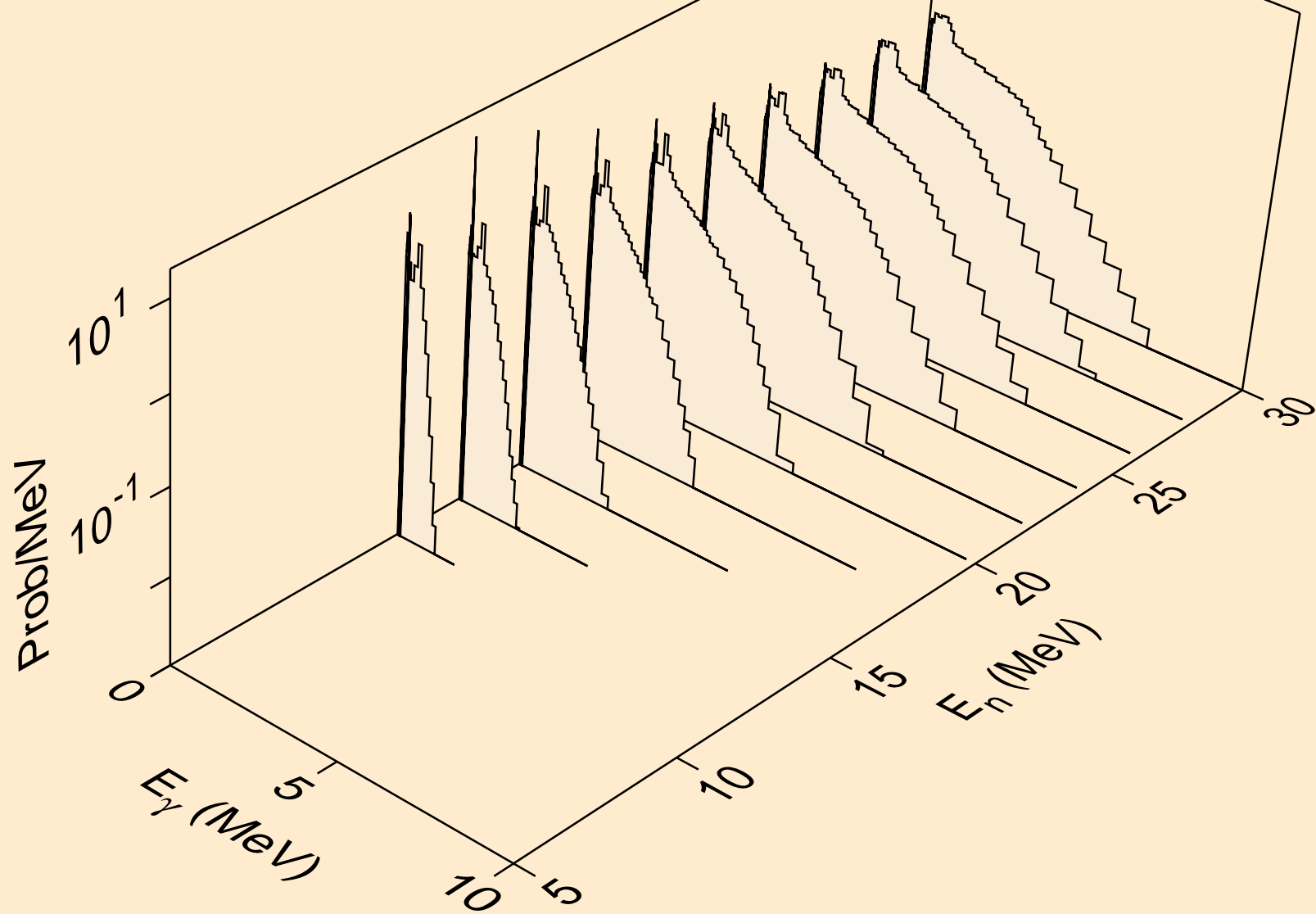
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Photon emission for (n,p)



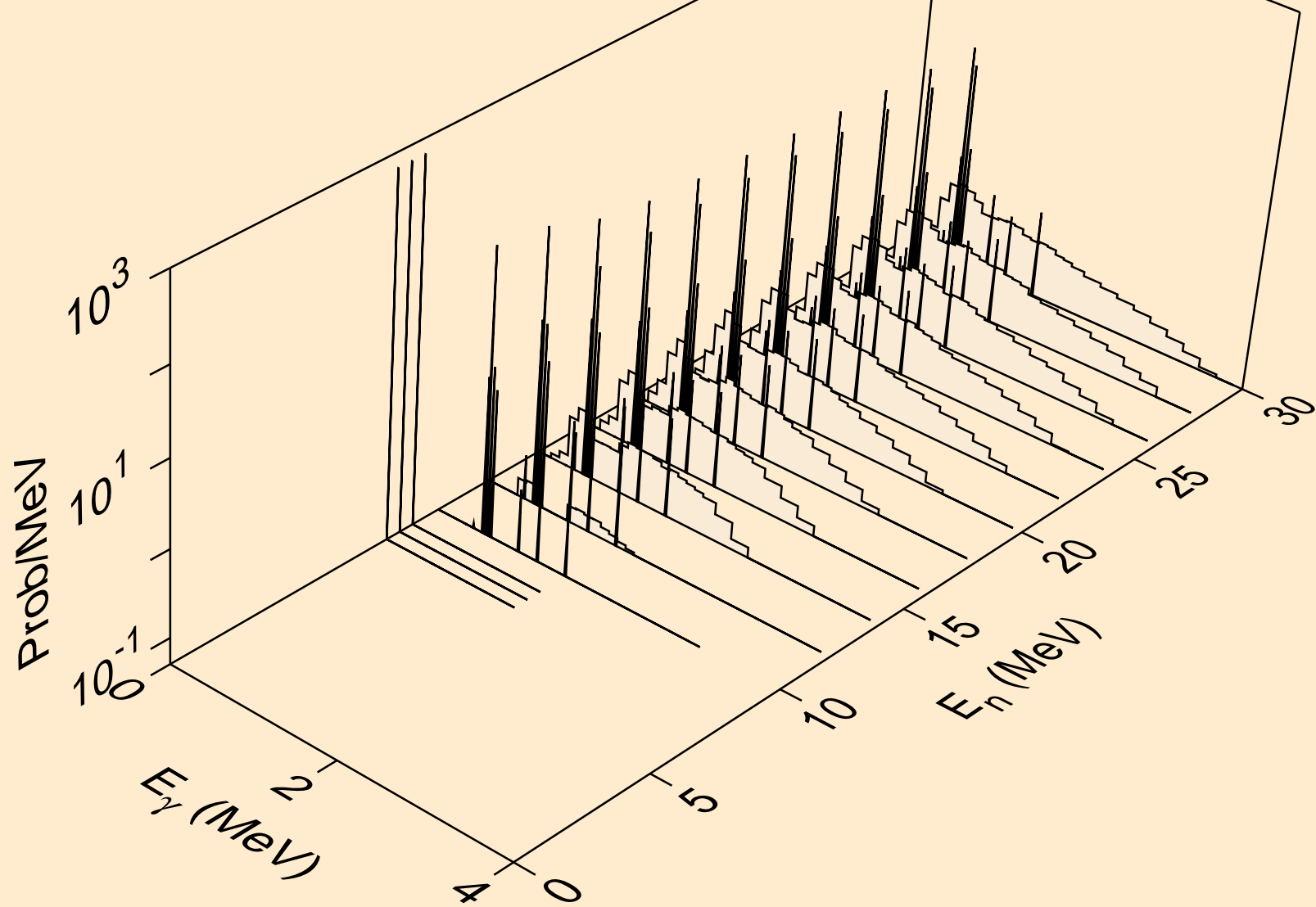
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Photon emission for (n,d)



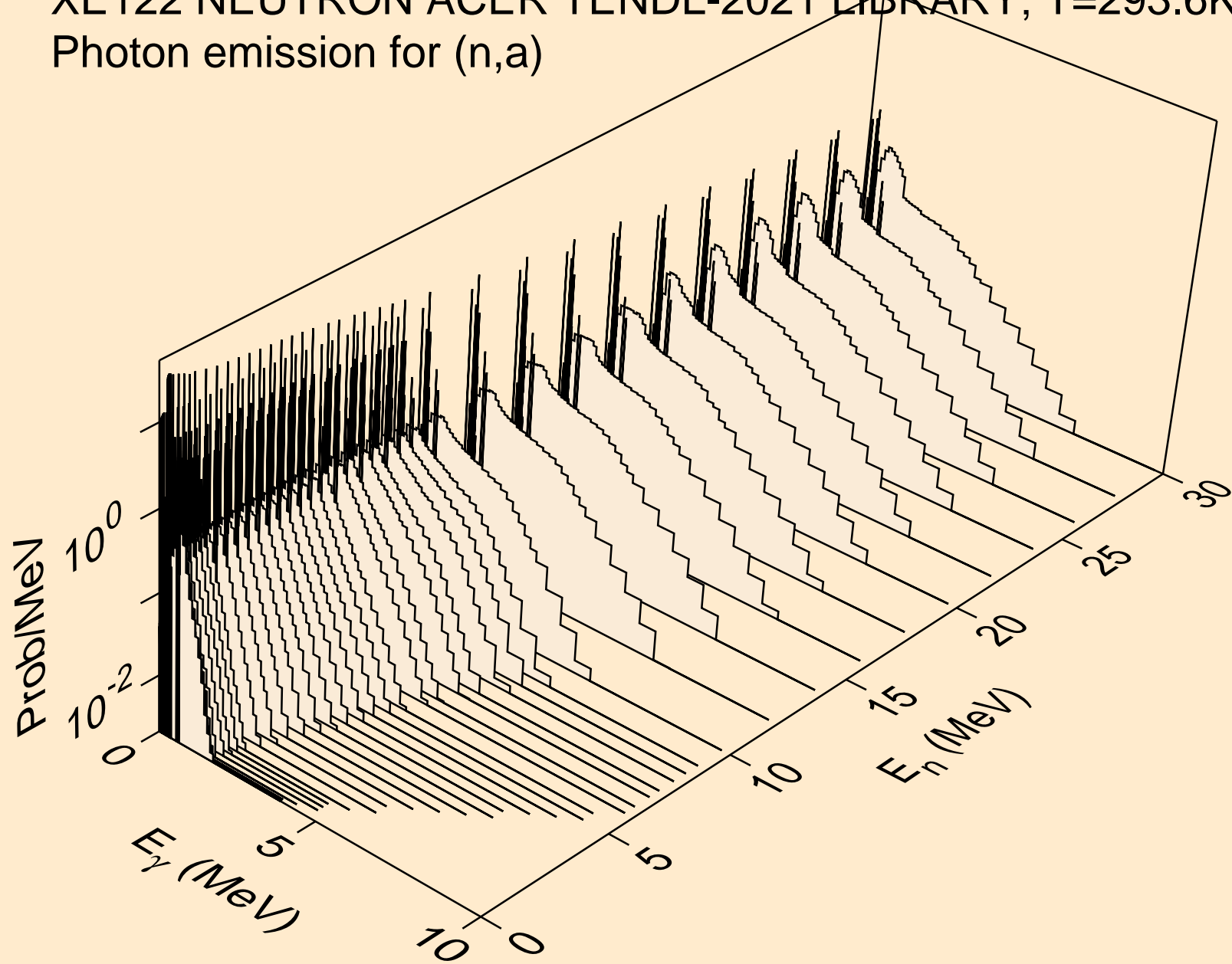
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Photon emission for (n,t)



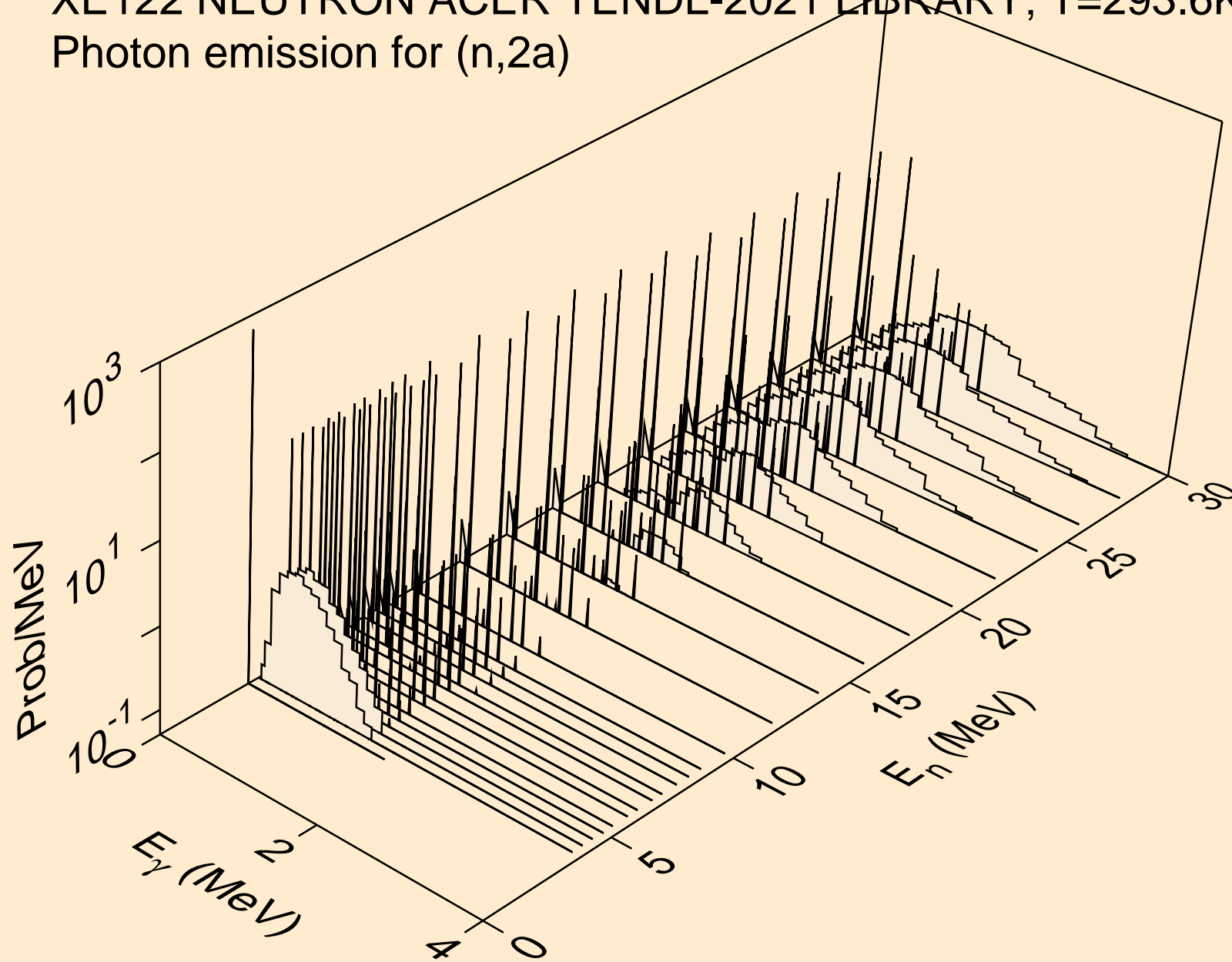
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Photon emission for (n,he3)



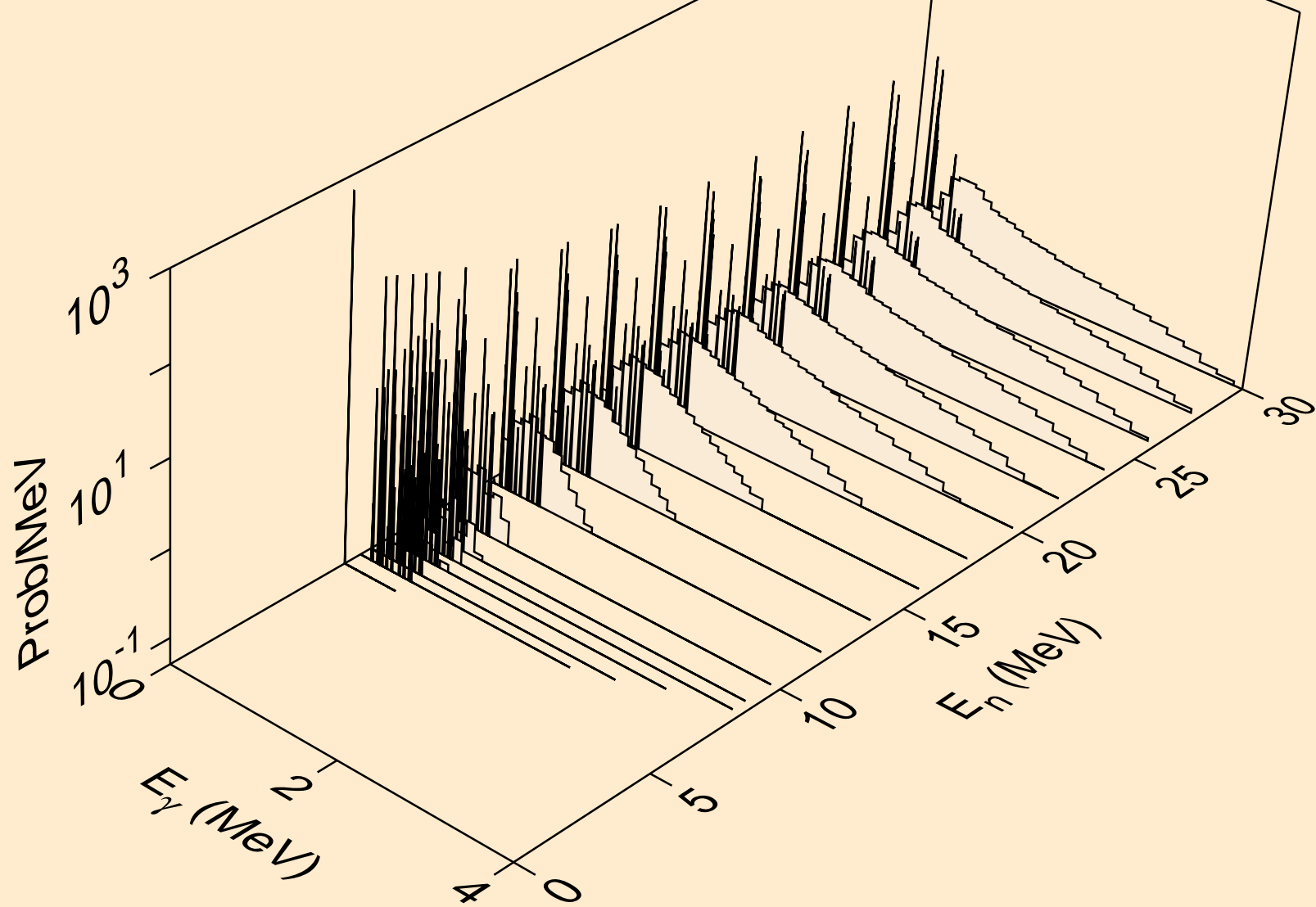
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Photon emission for (n,a)



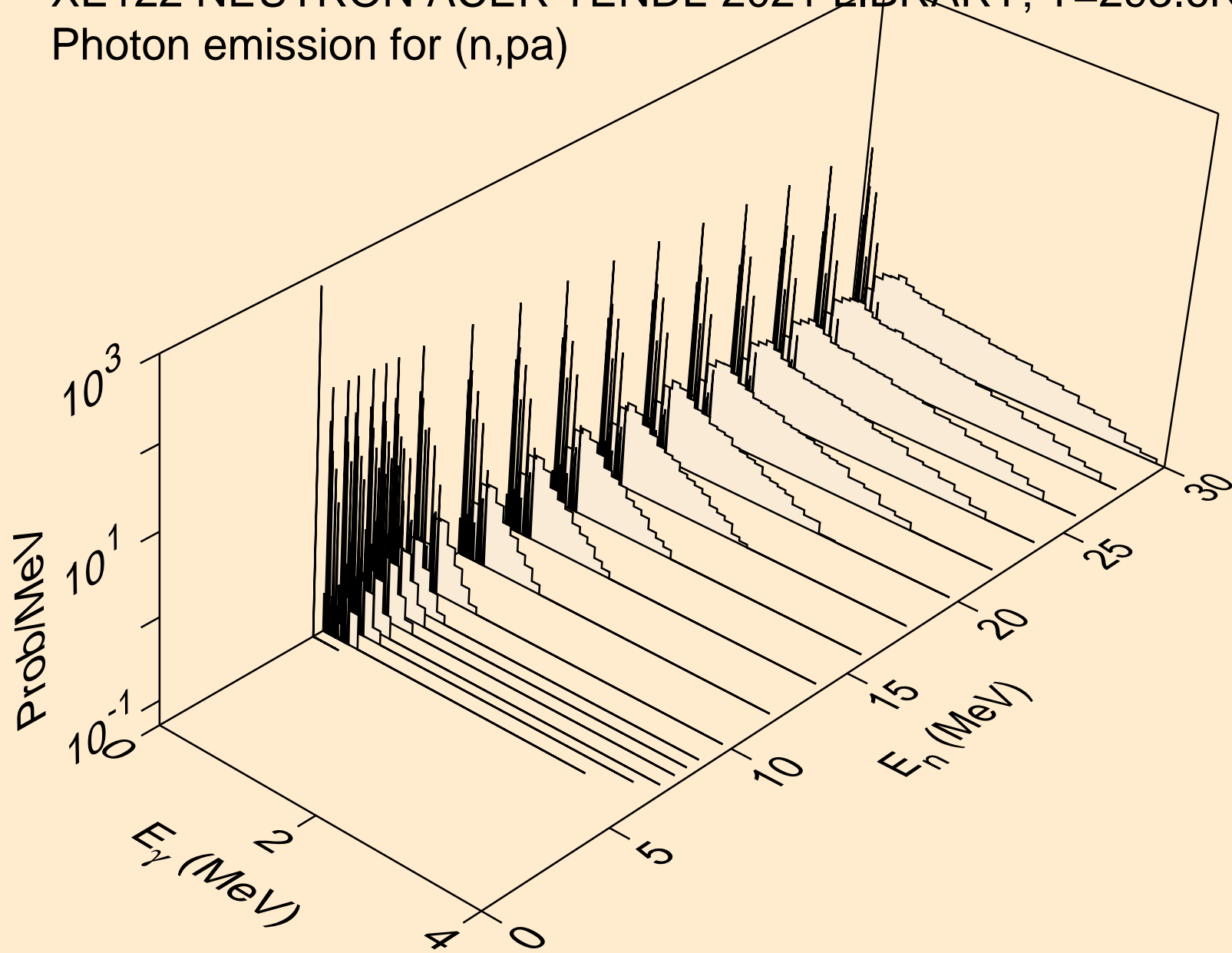
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

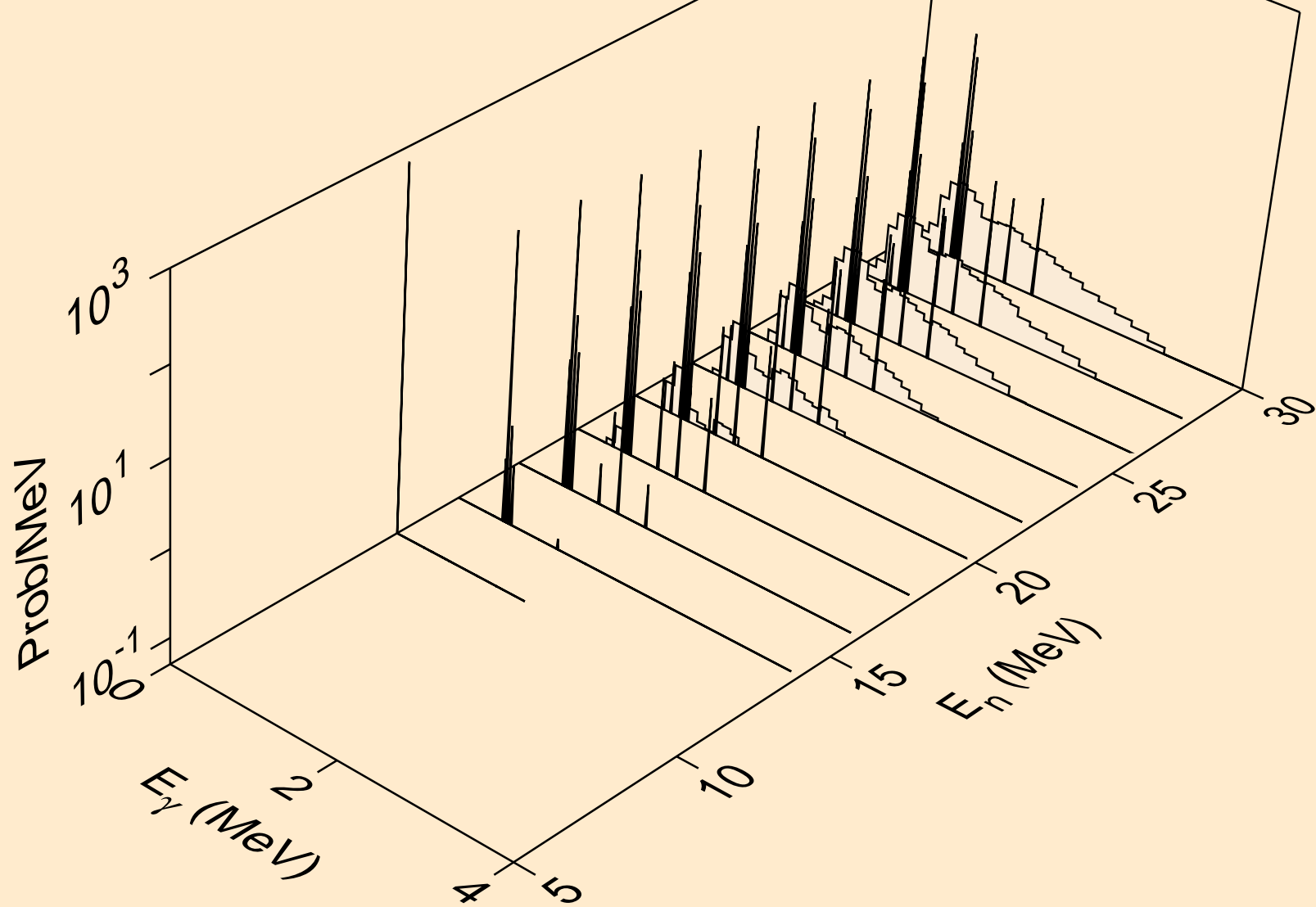


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

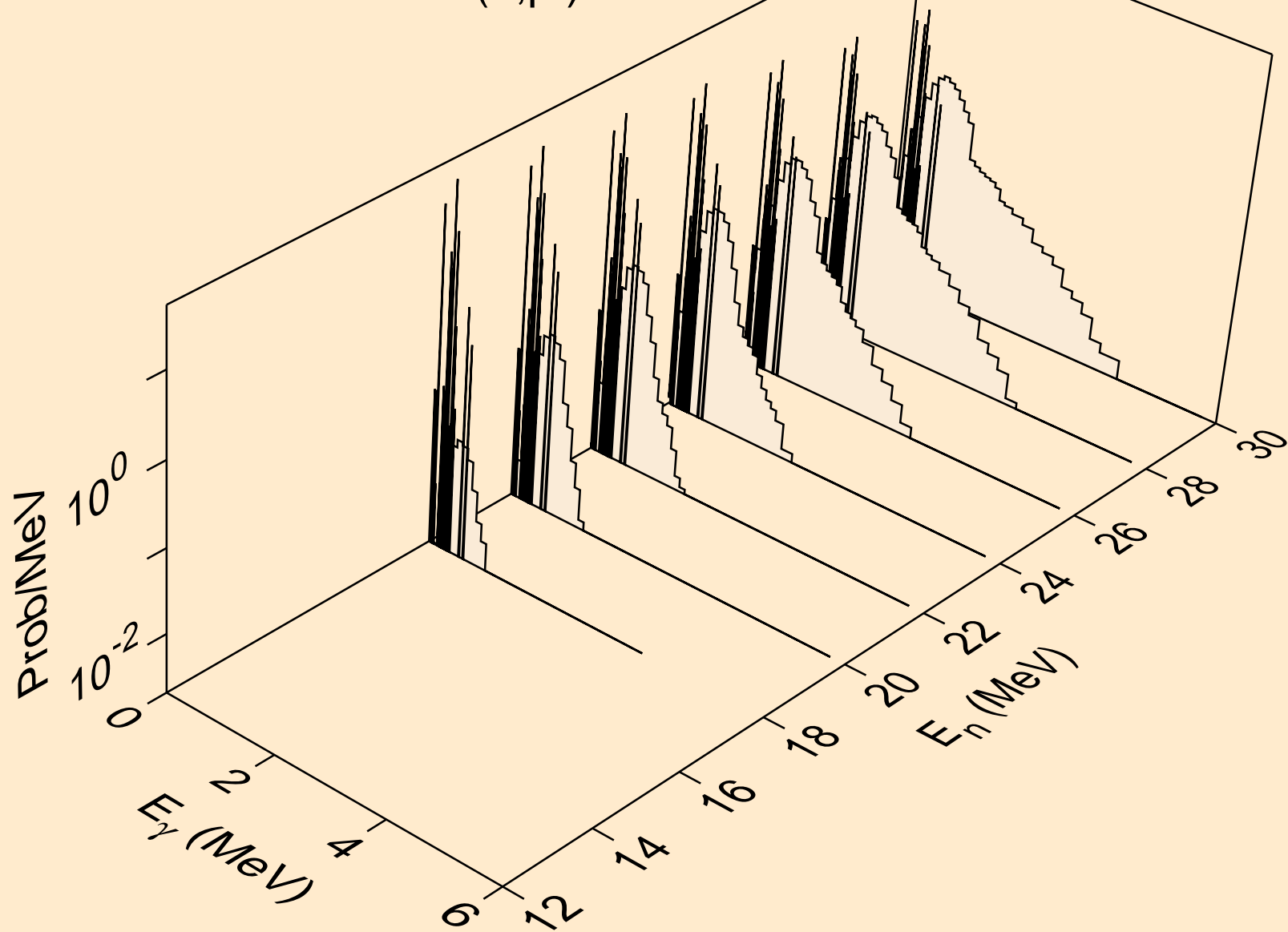




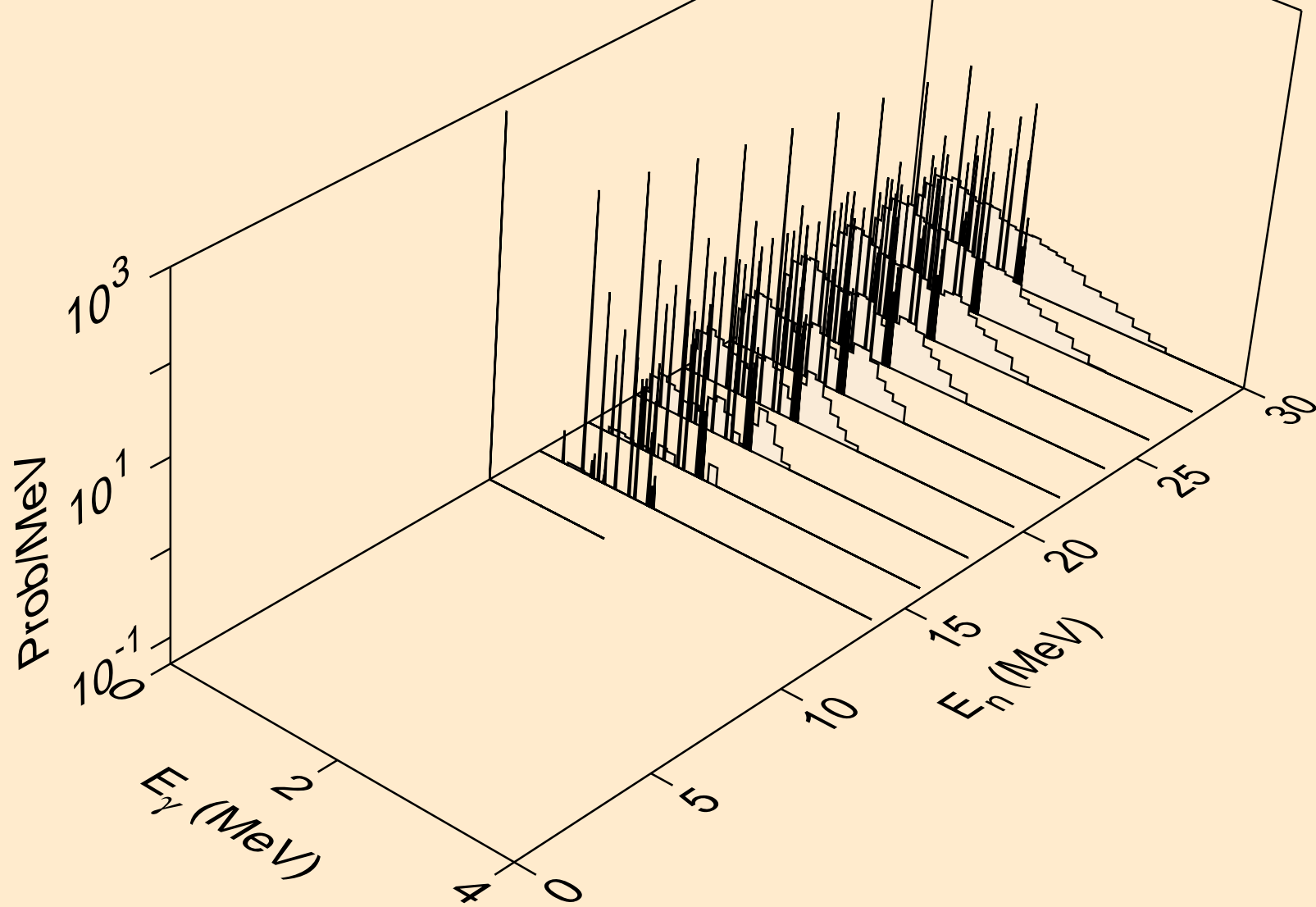
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Photon emission for (n,pd)



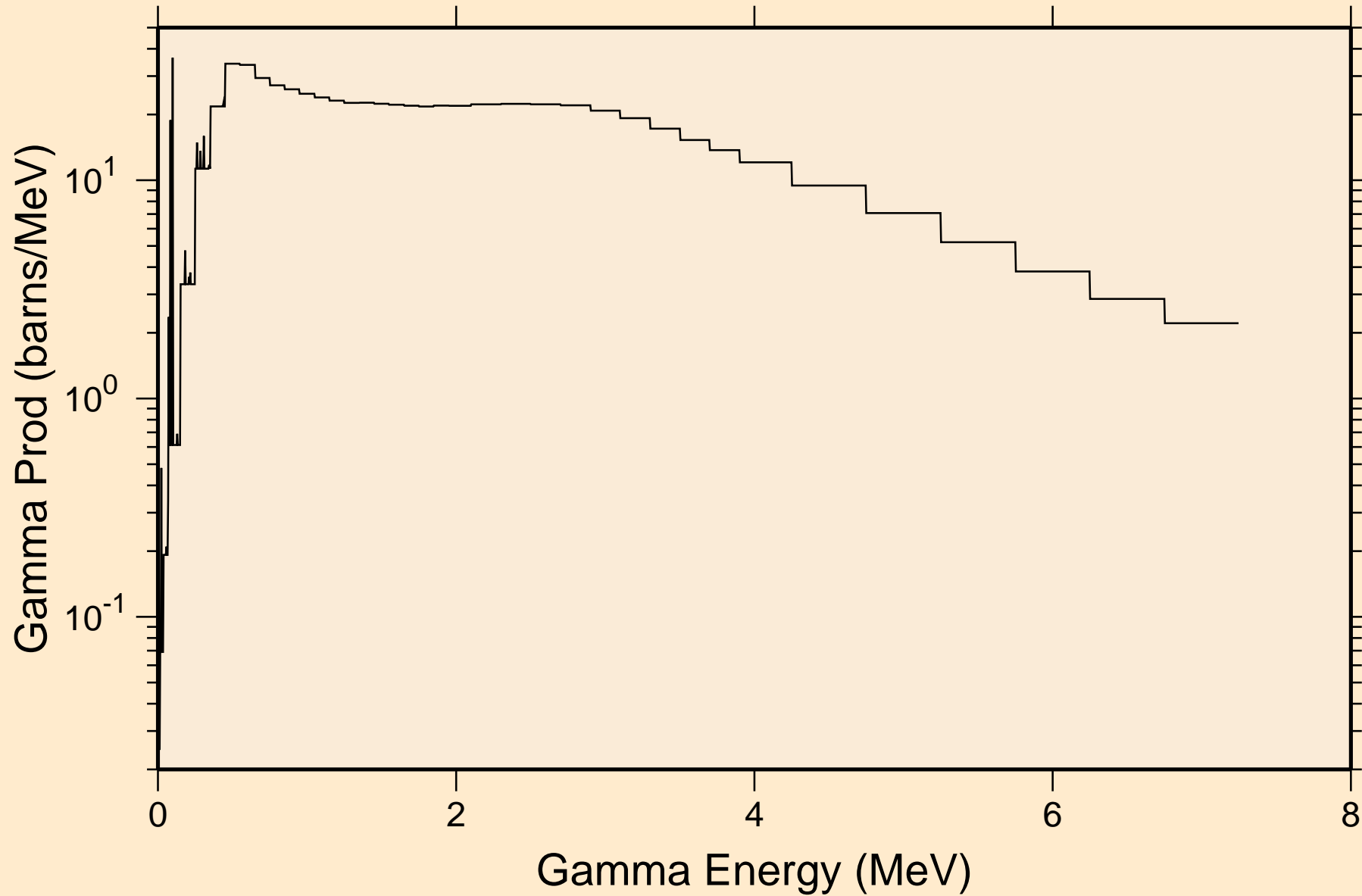
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



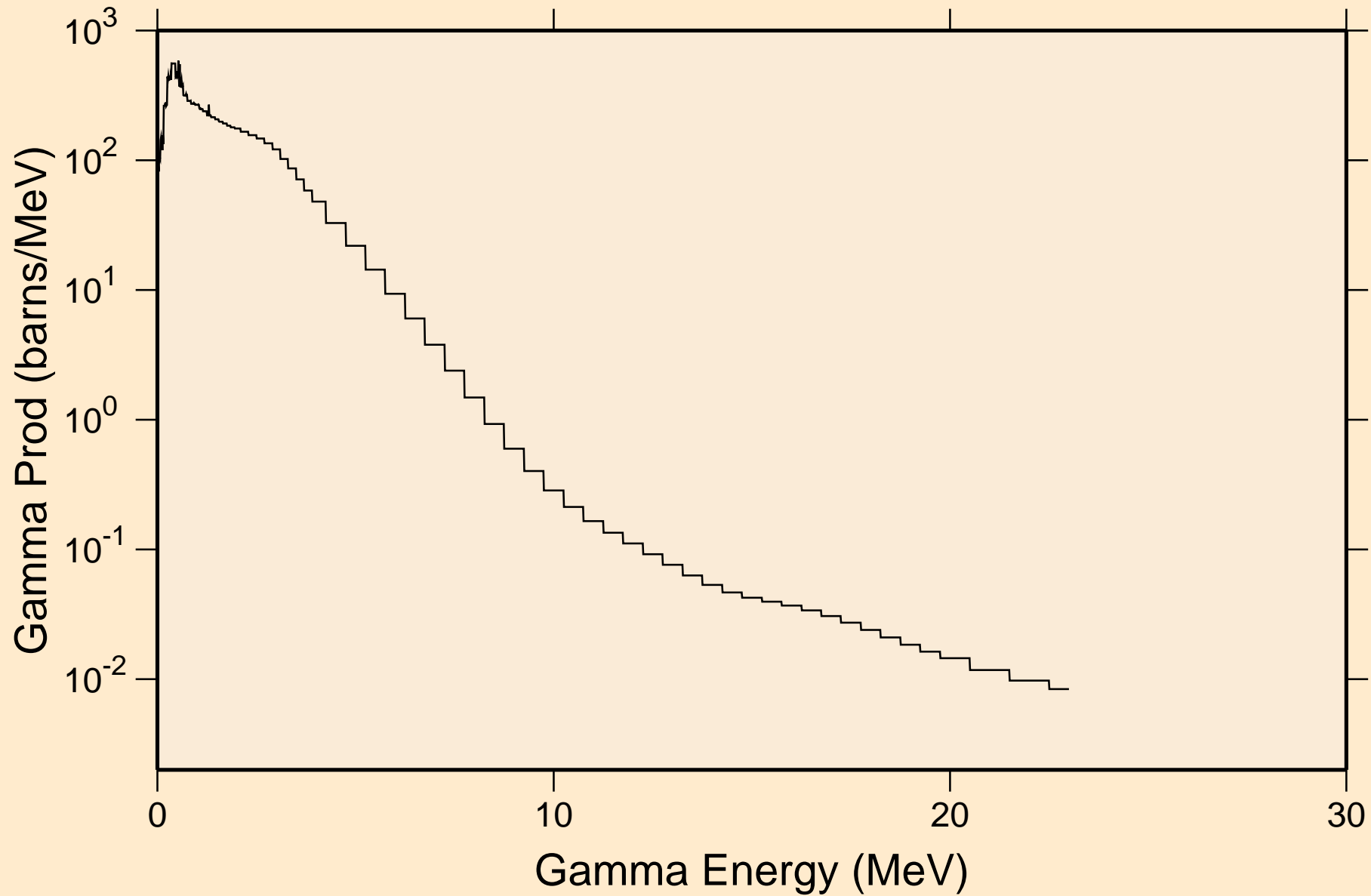
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

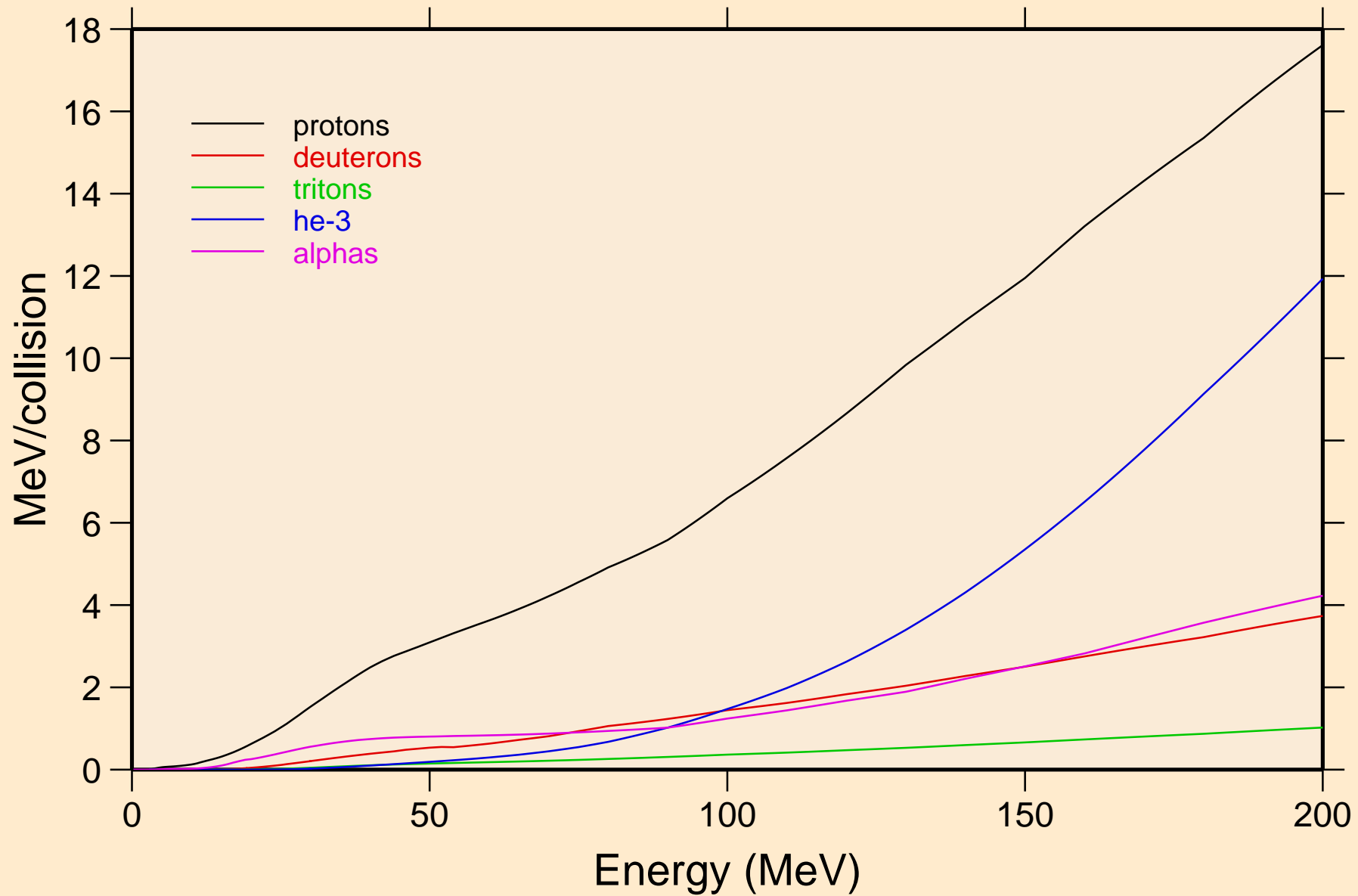


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

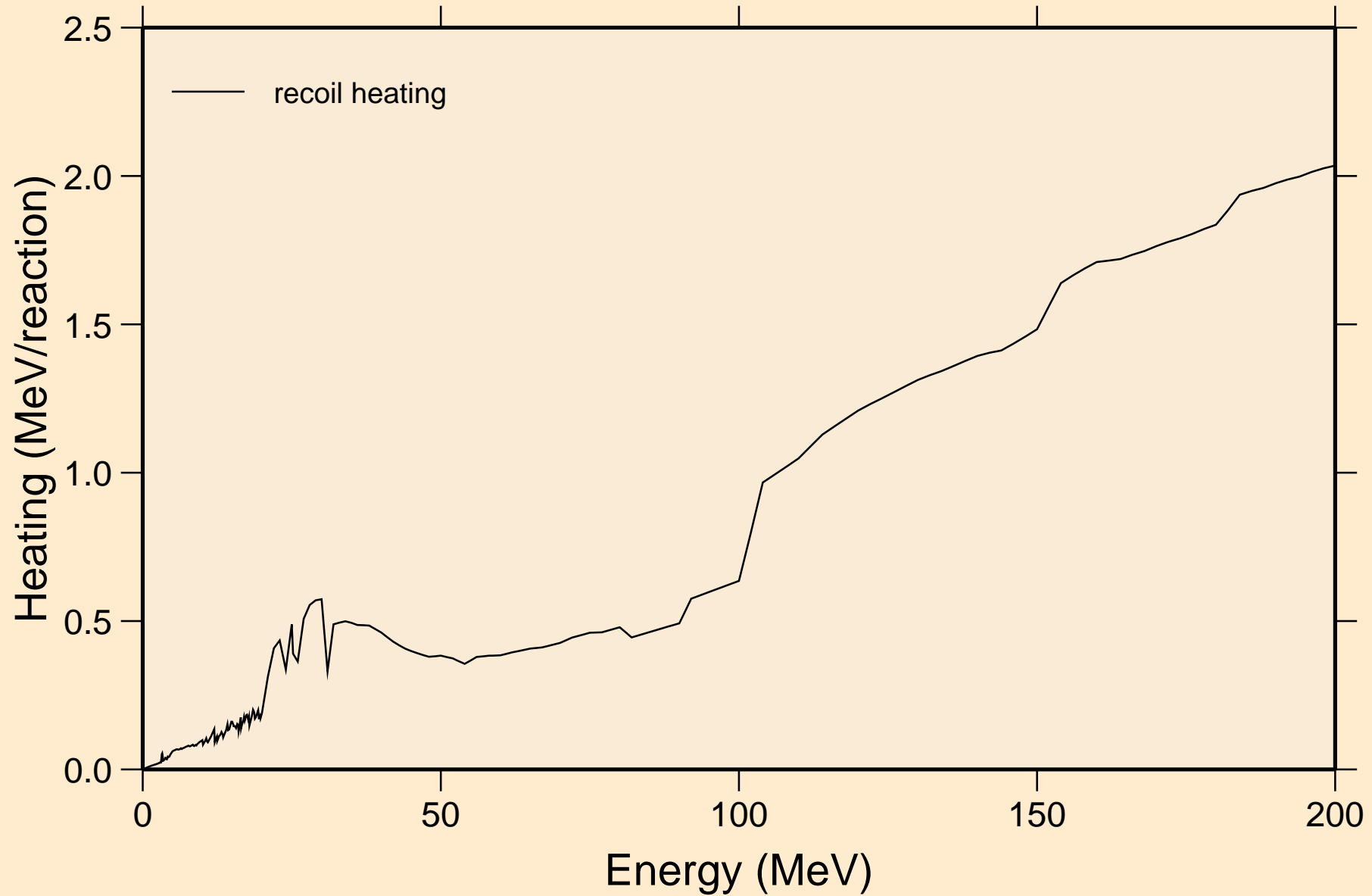


# XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

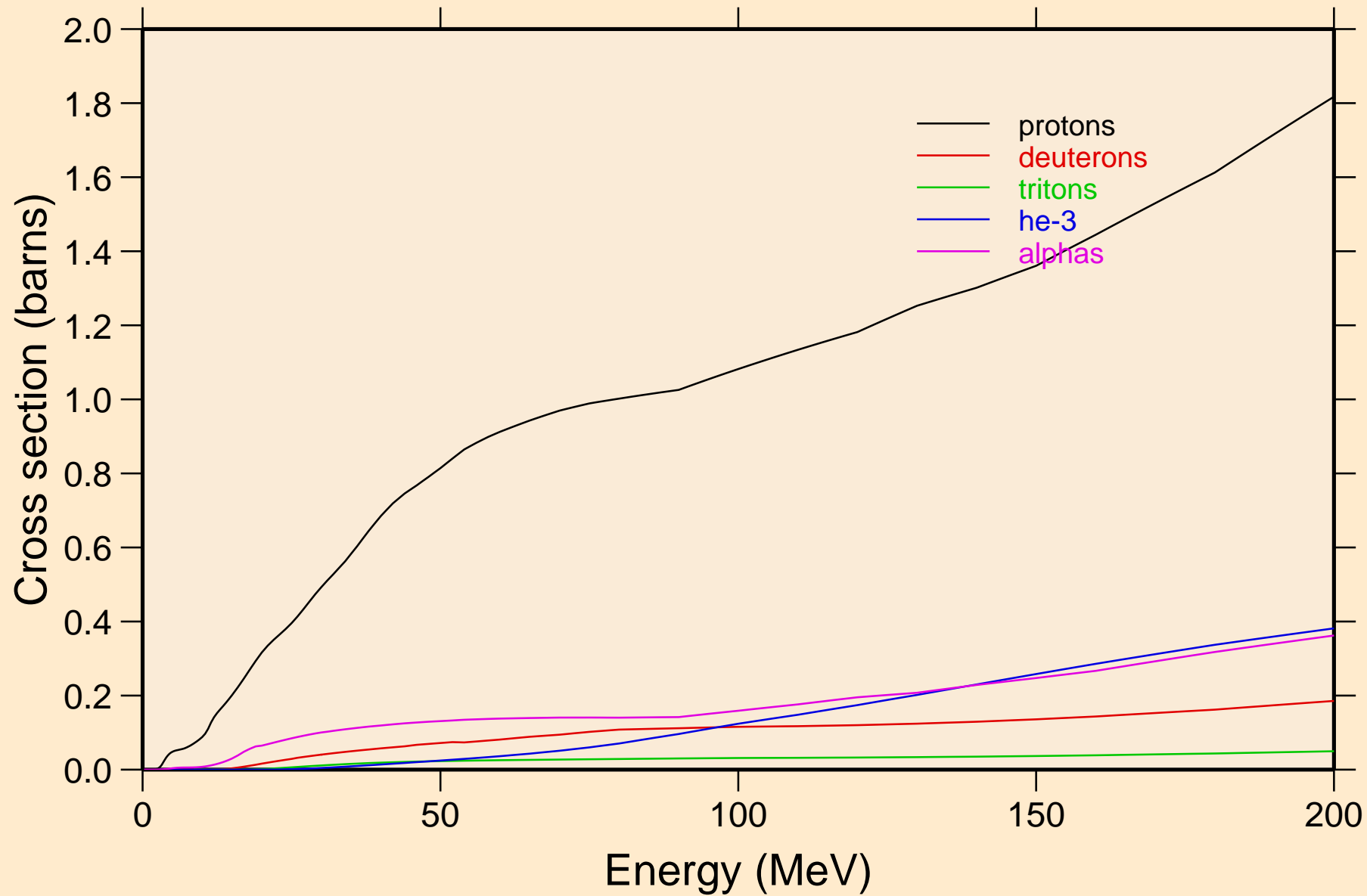
## Particle heating contributions



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

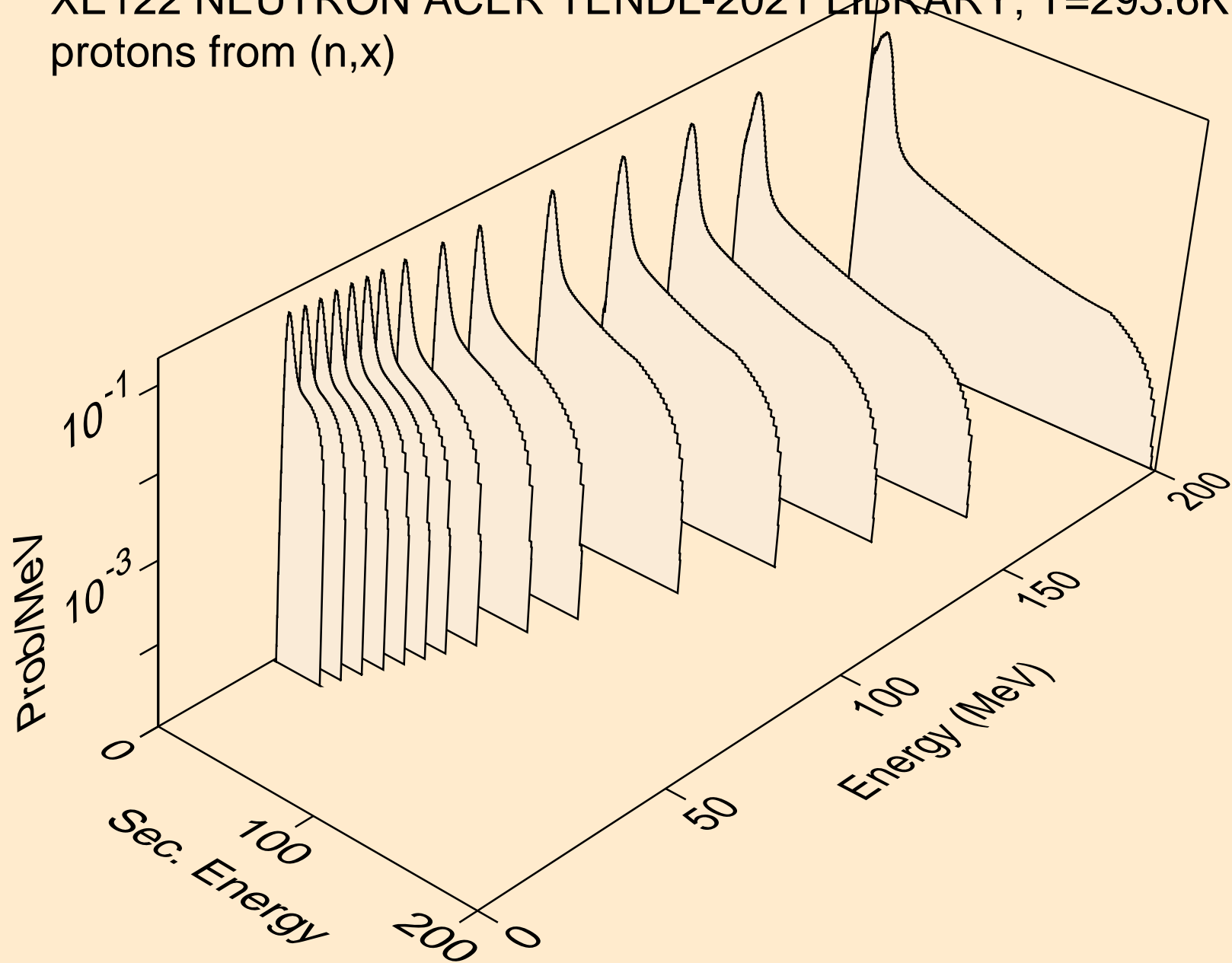


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

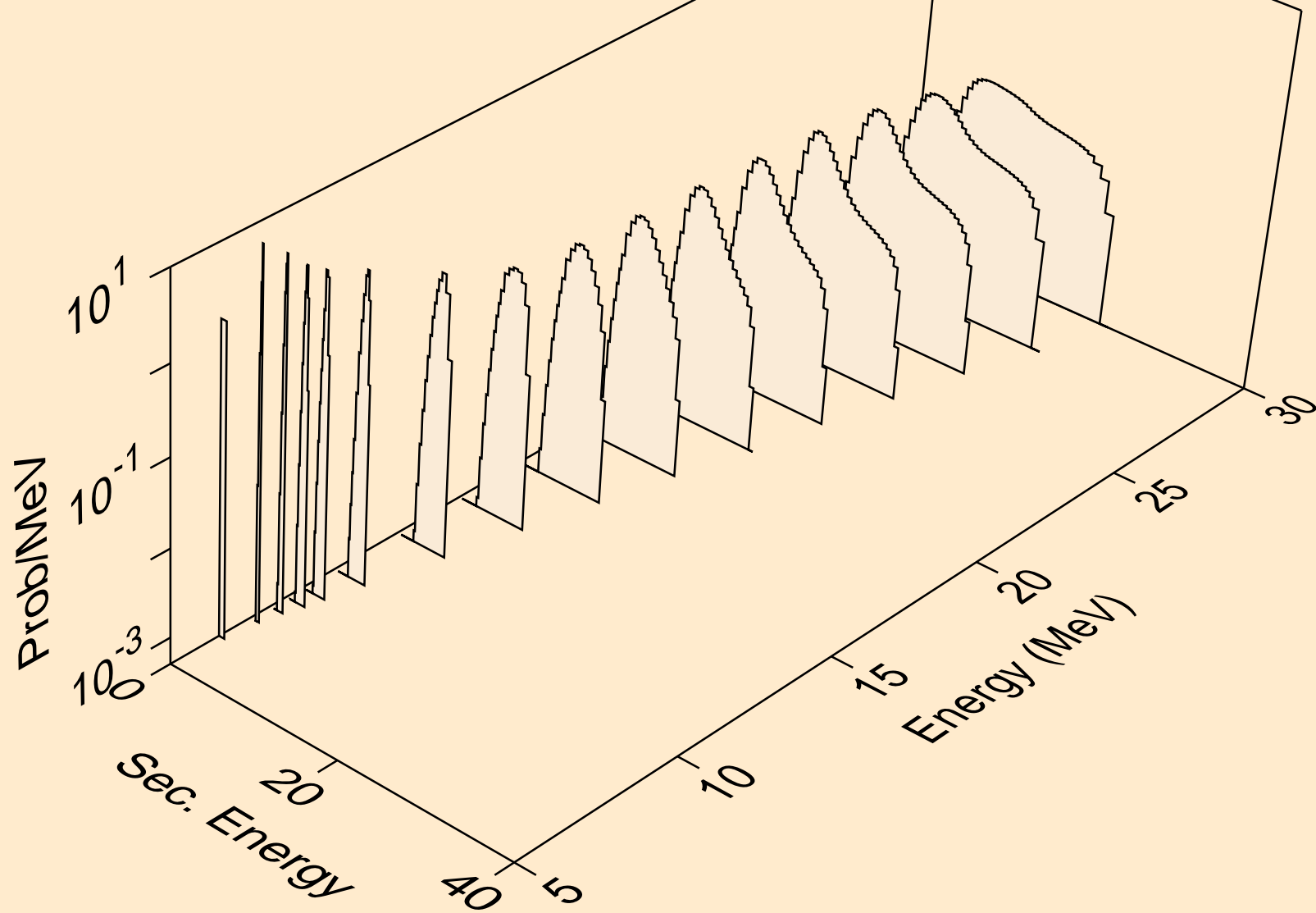




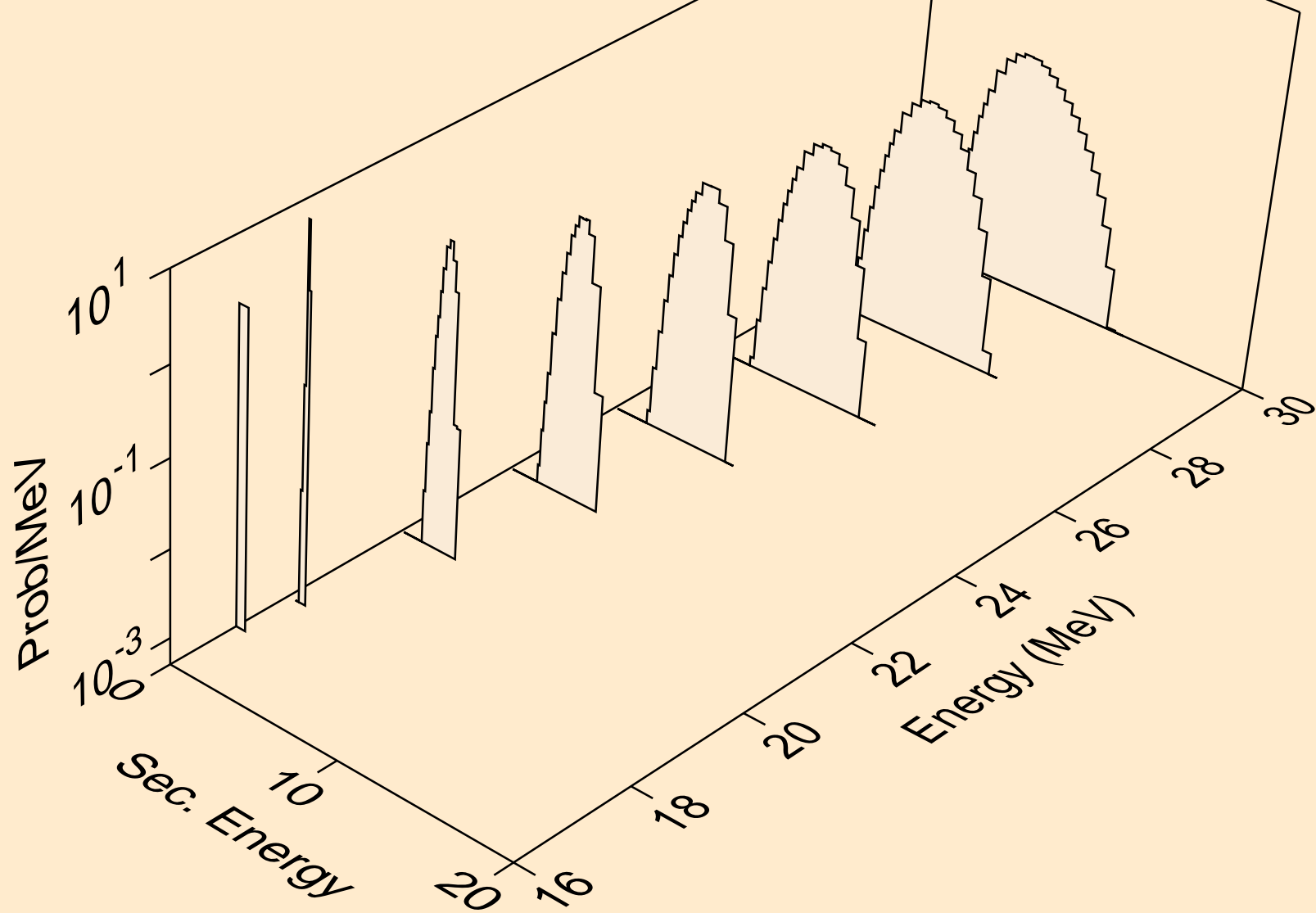
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



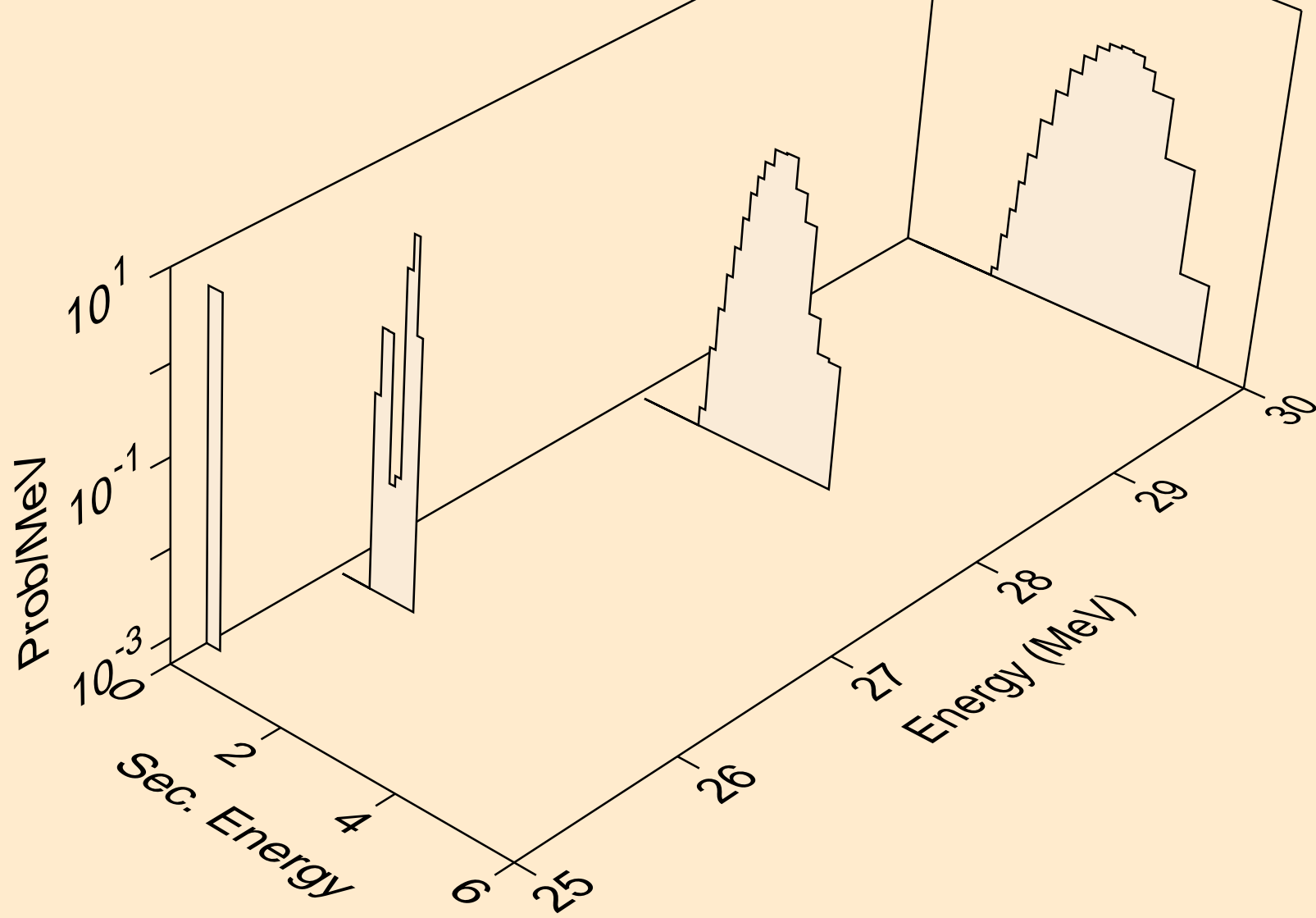
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



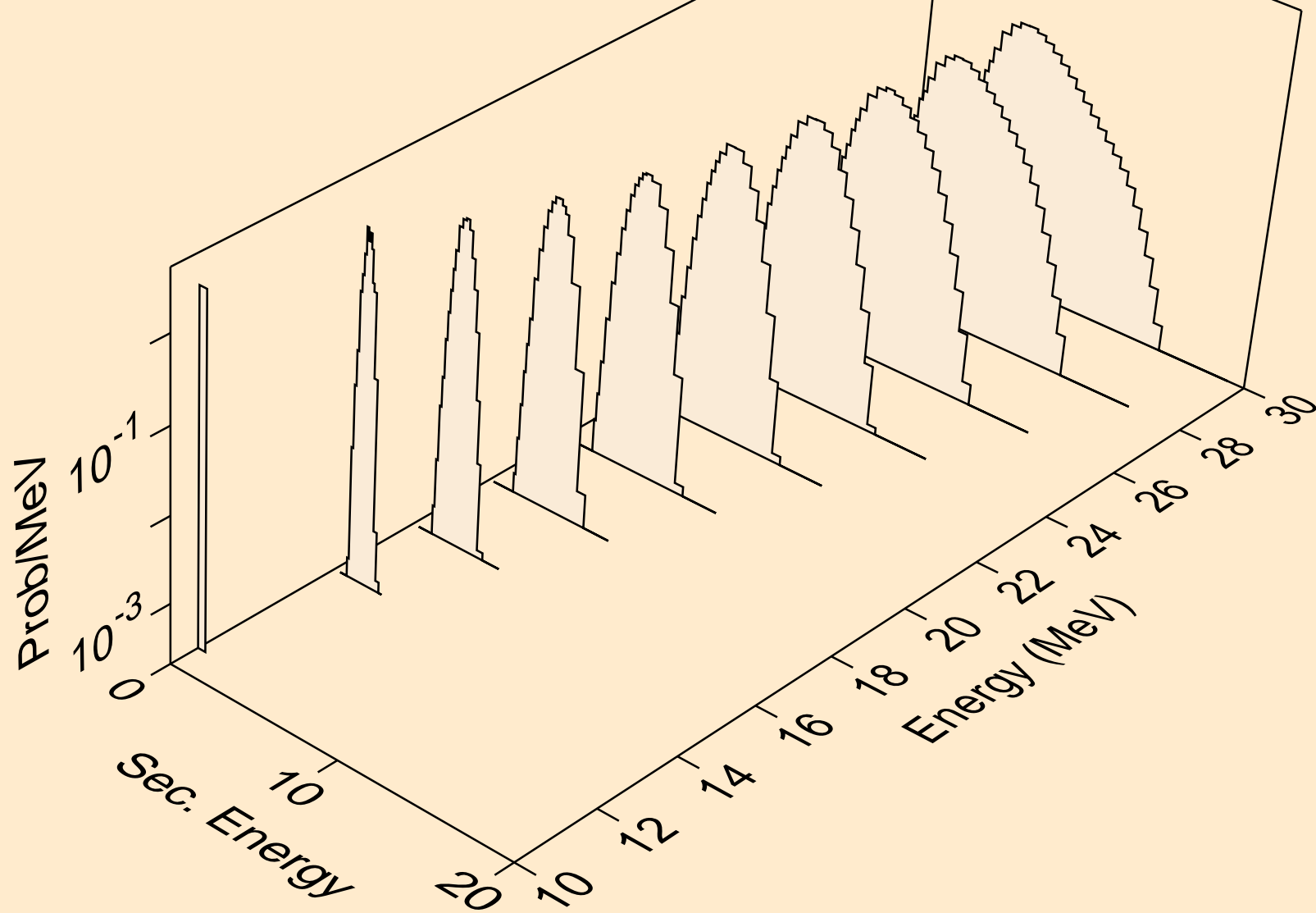
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protons from (n,2np)



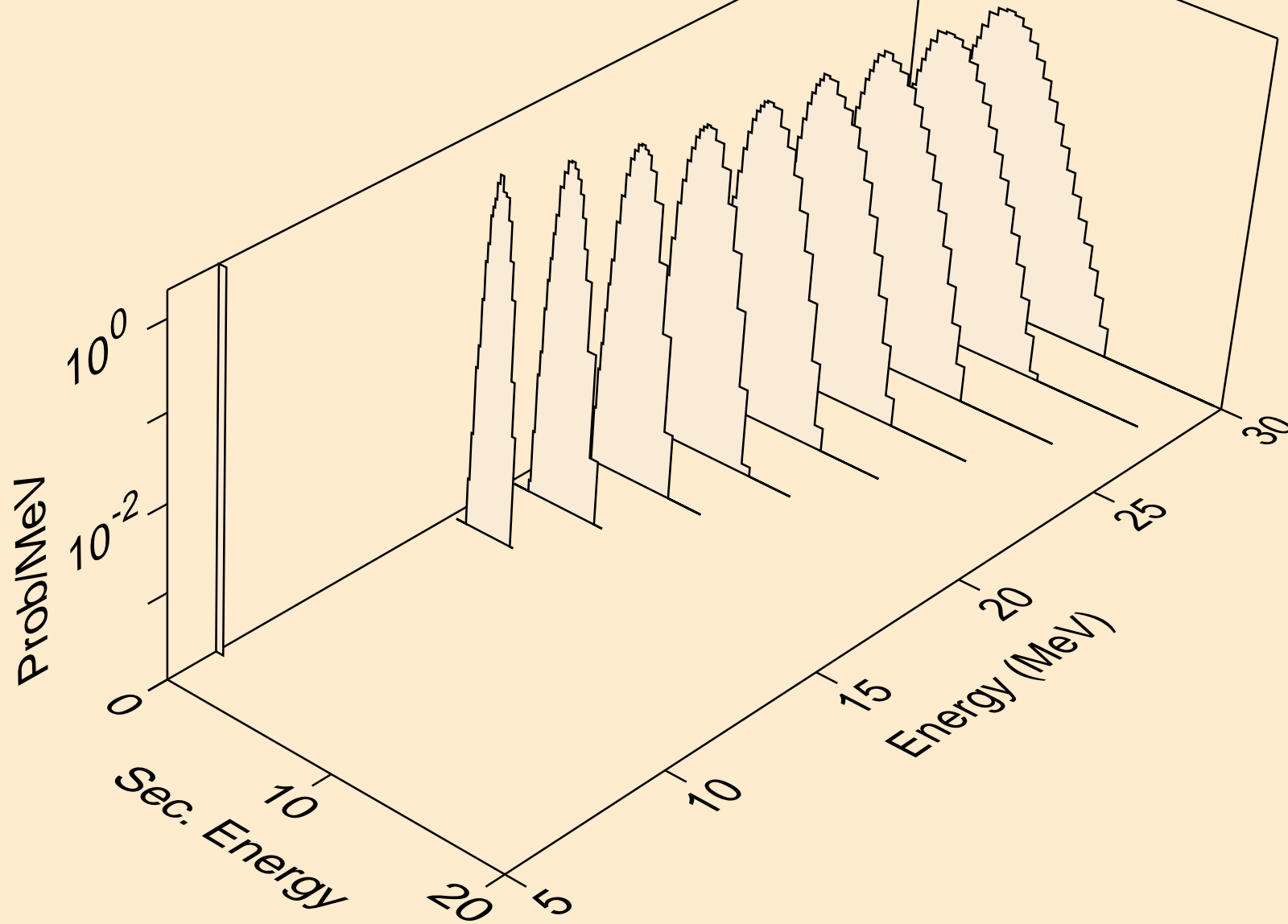
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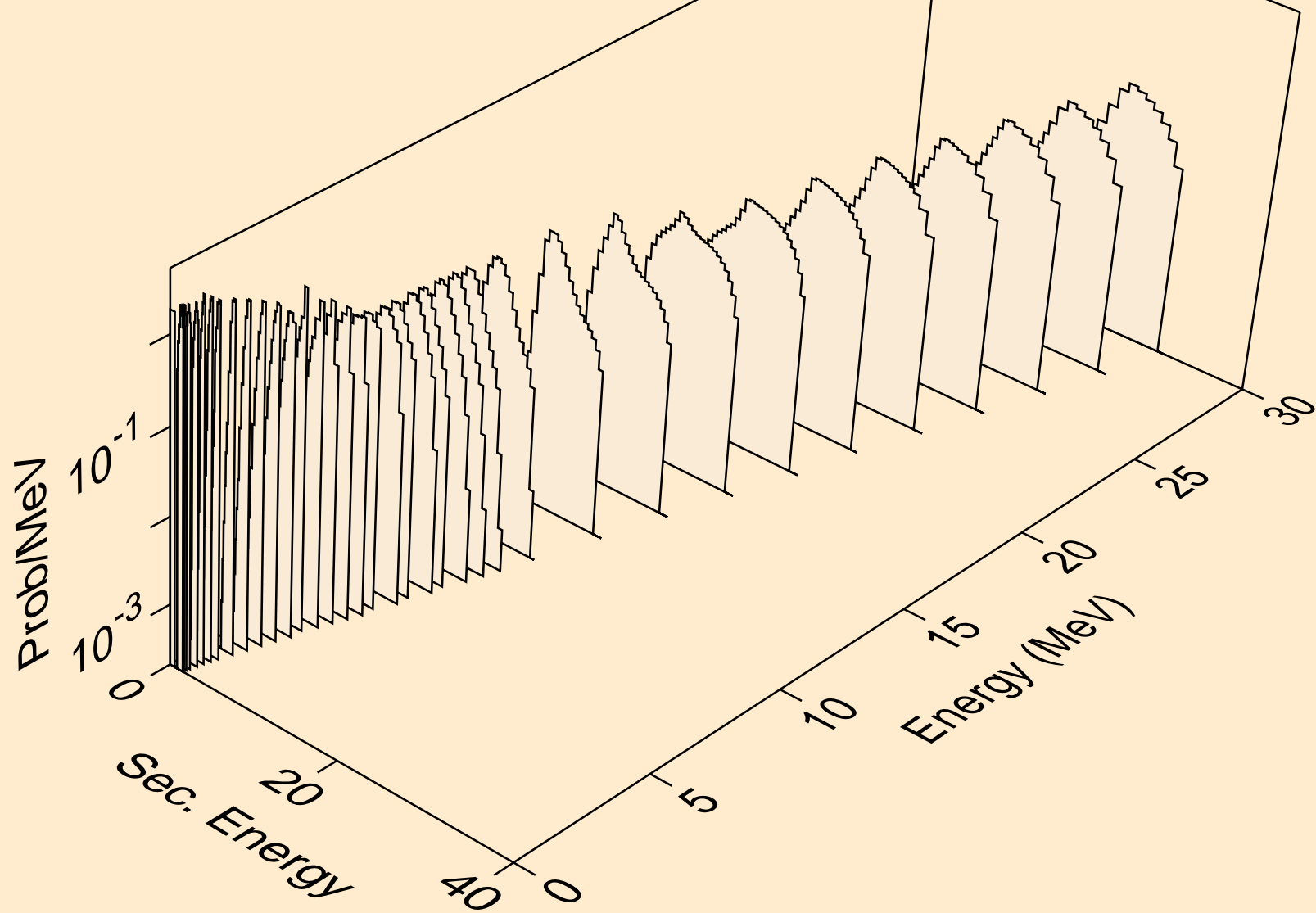
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protons from (n,2np)



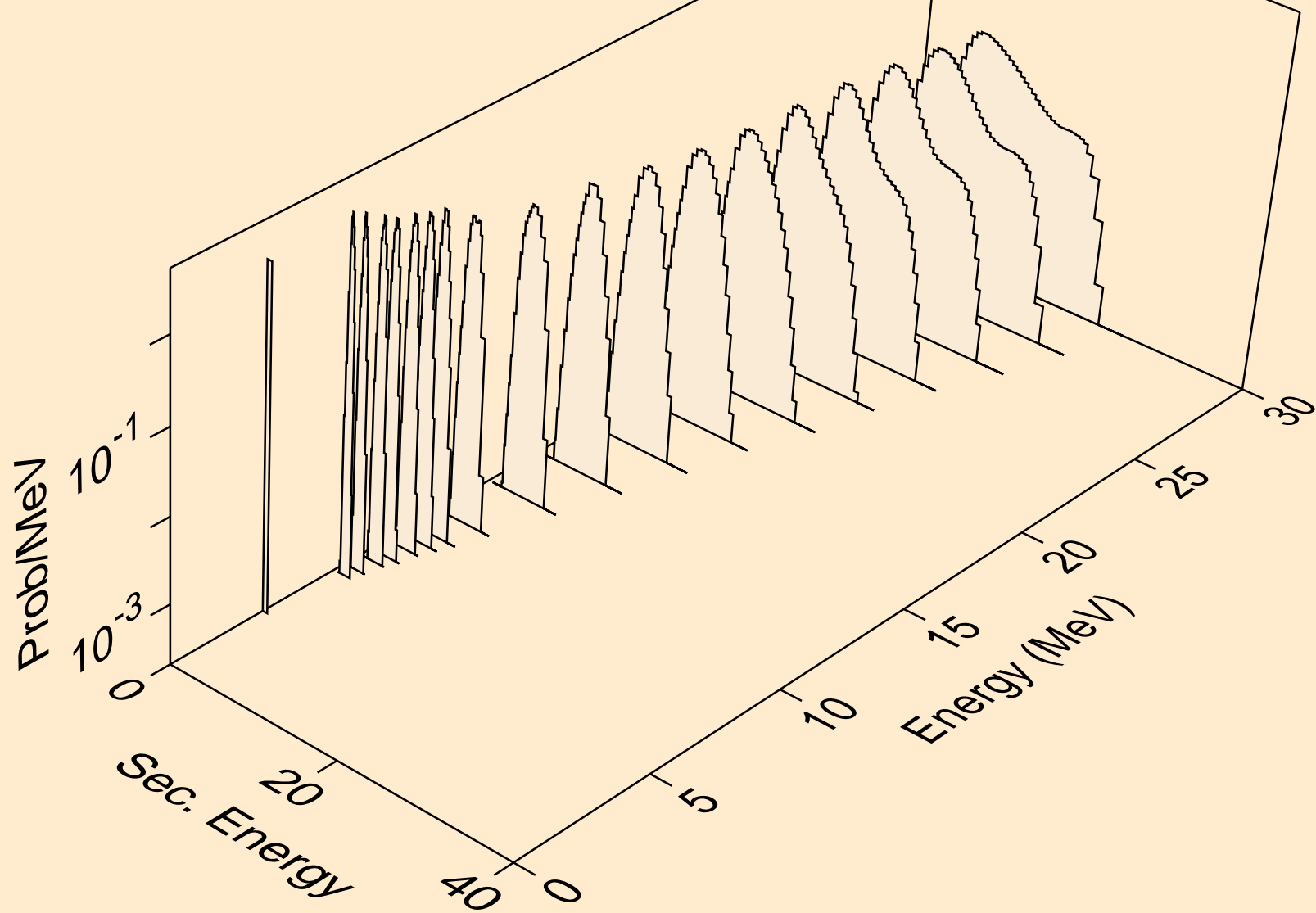
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

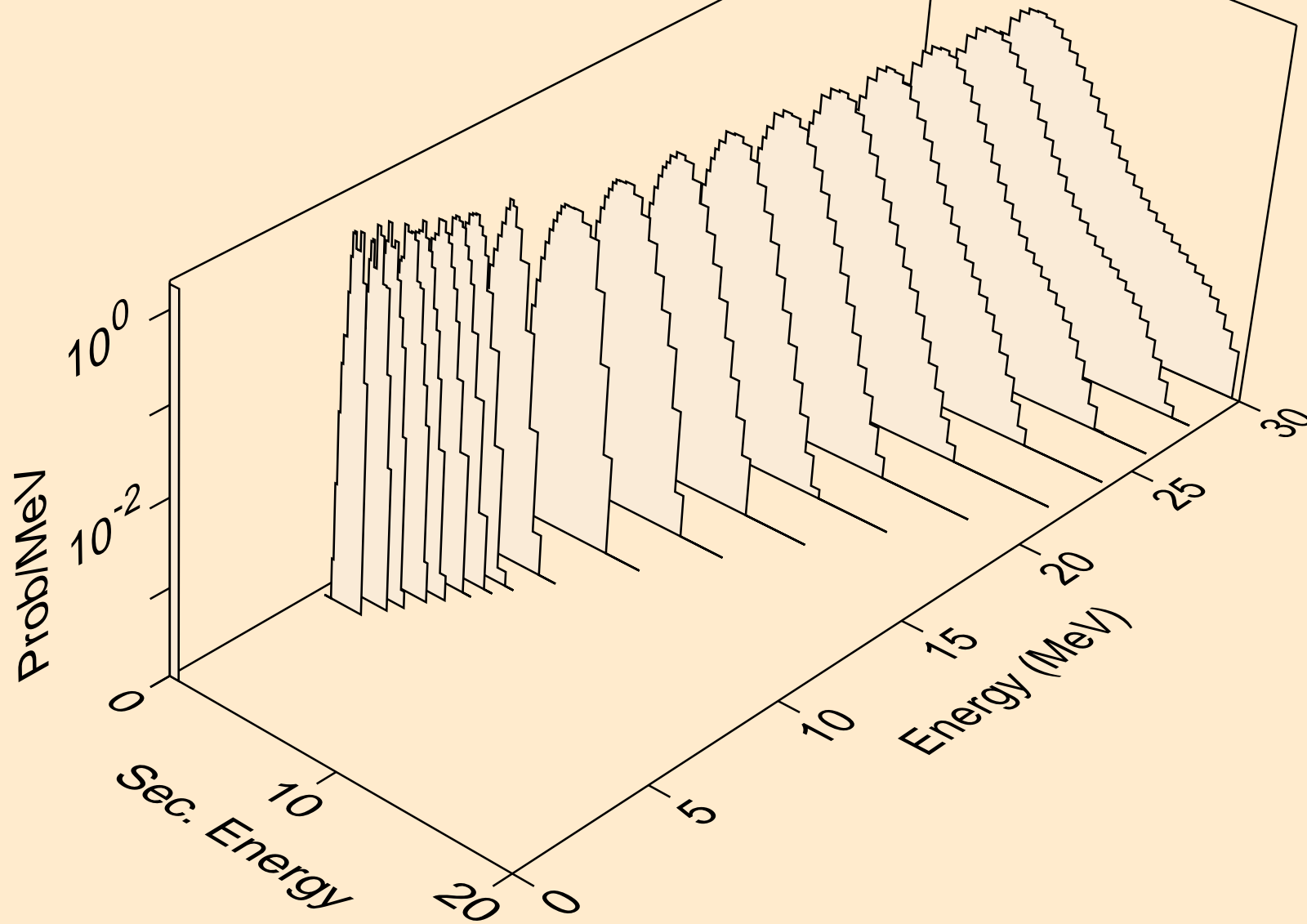


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protons from (n,2p)

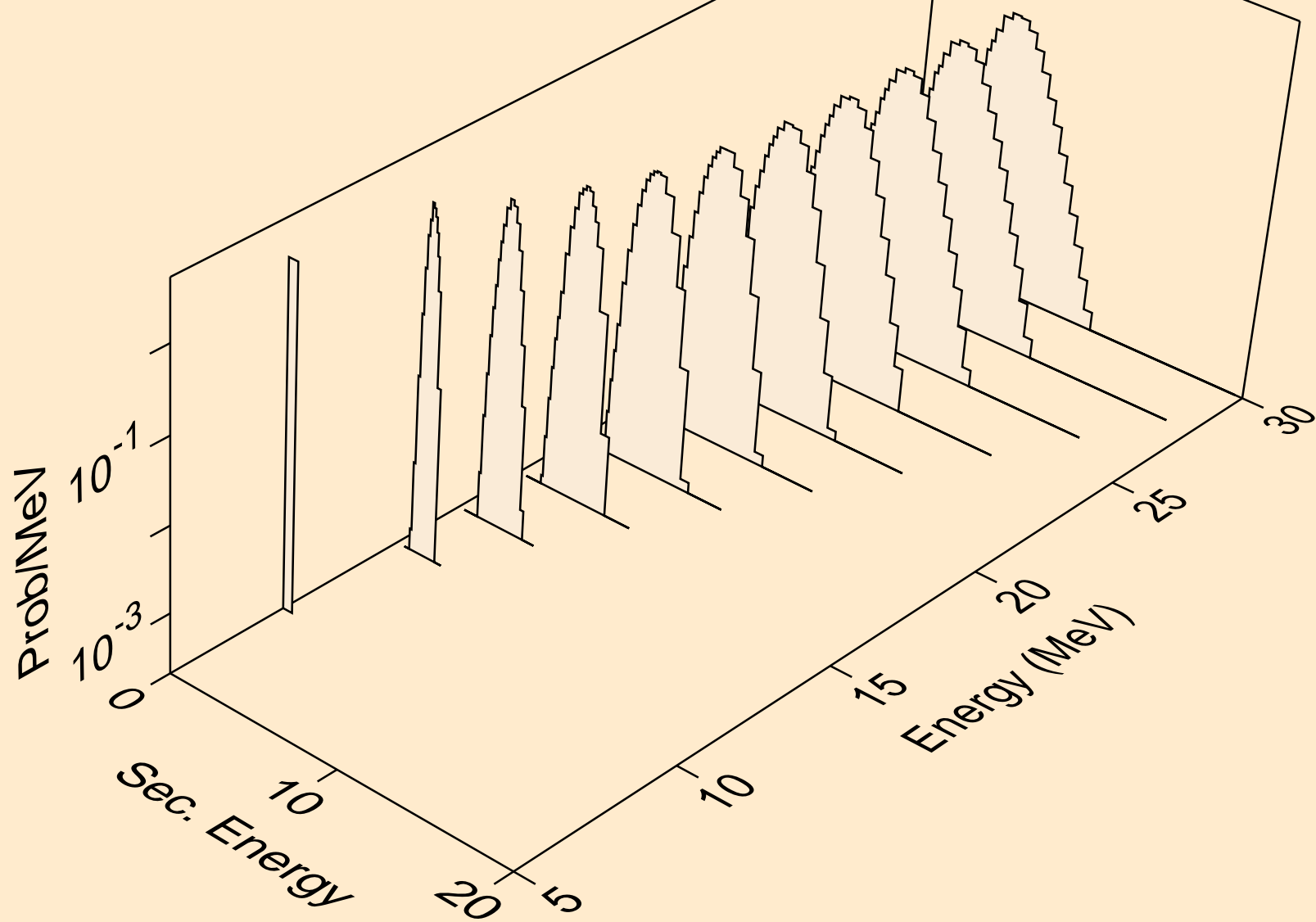




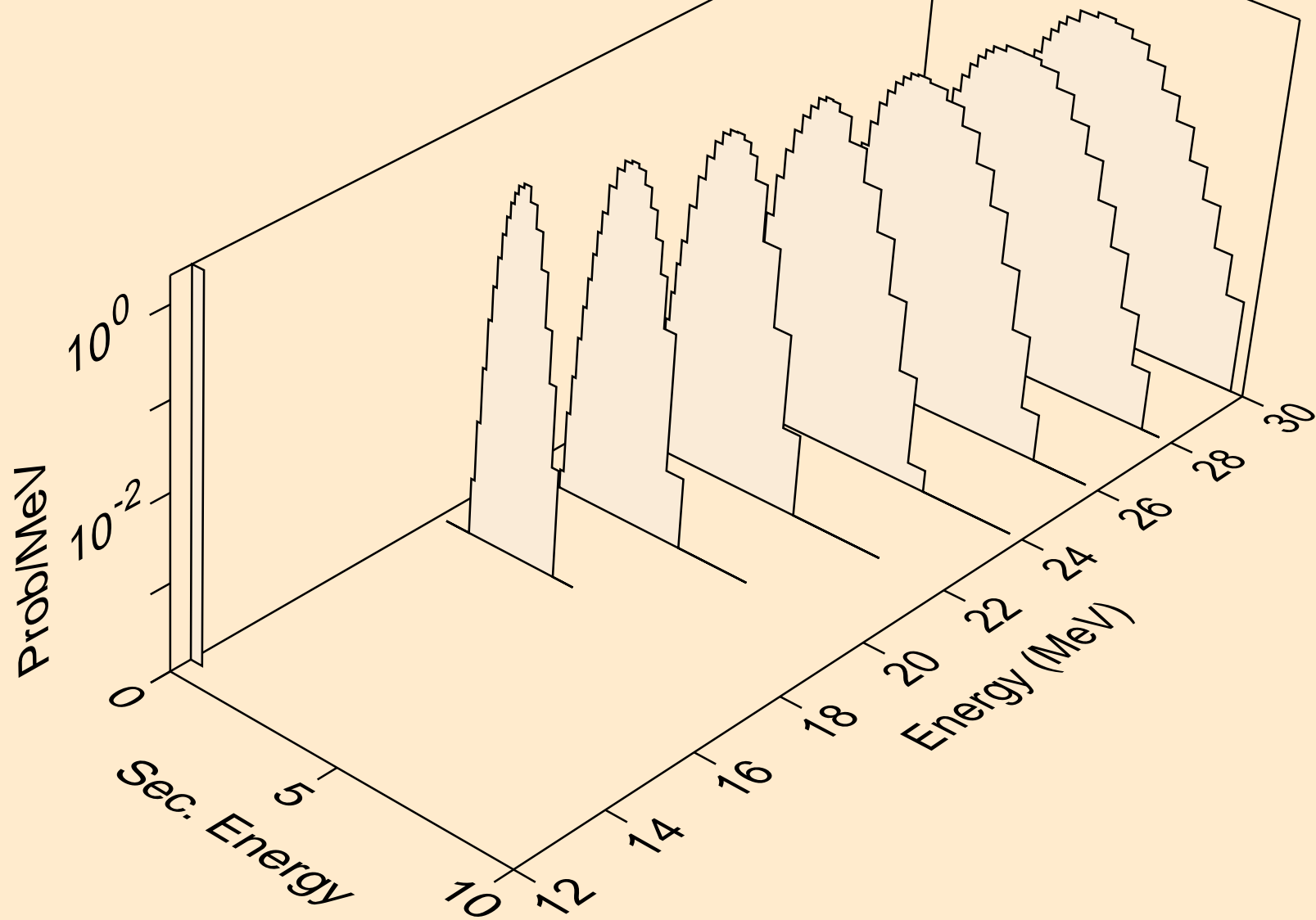
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protons from (n,p)



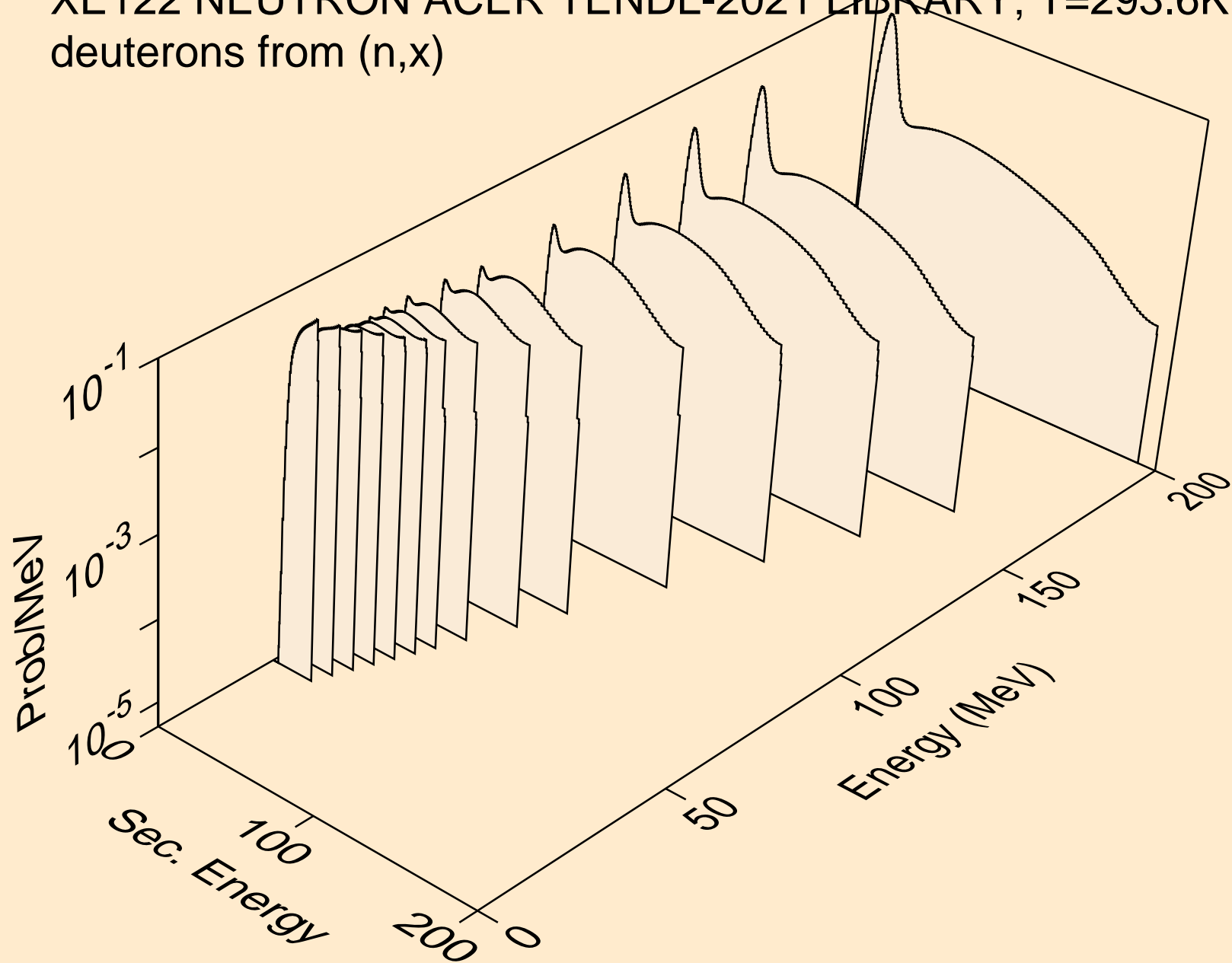
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protons from (n,pd)



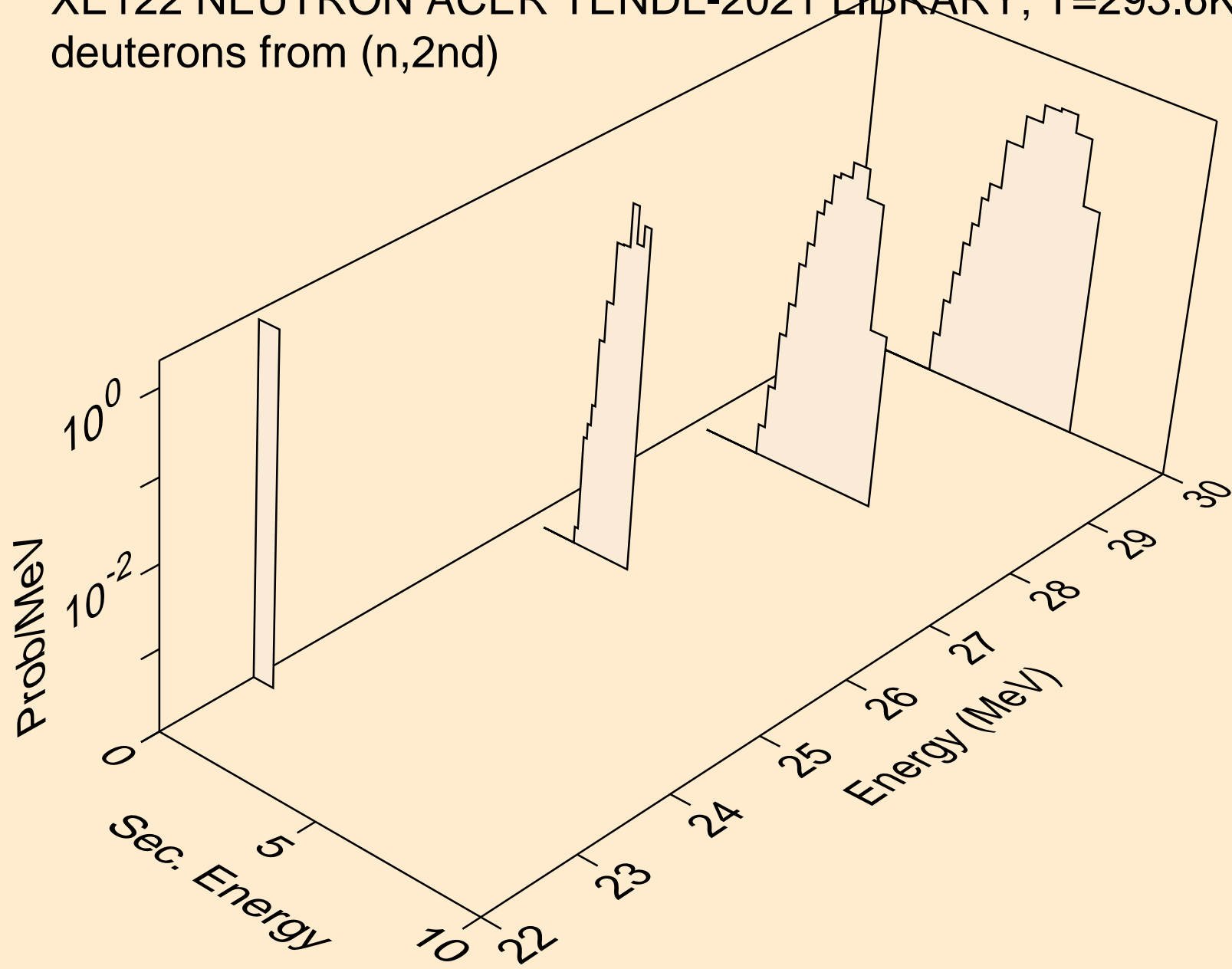
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protons from (n,pt)



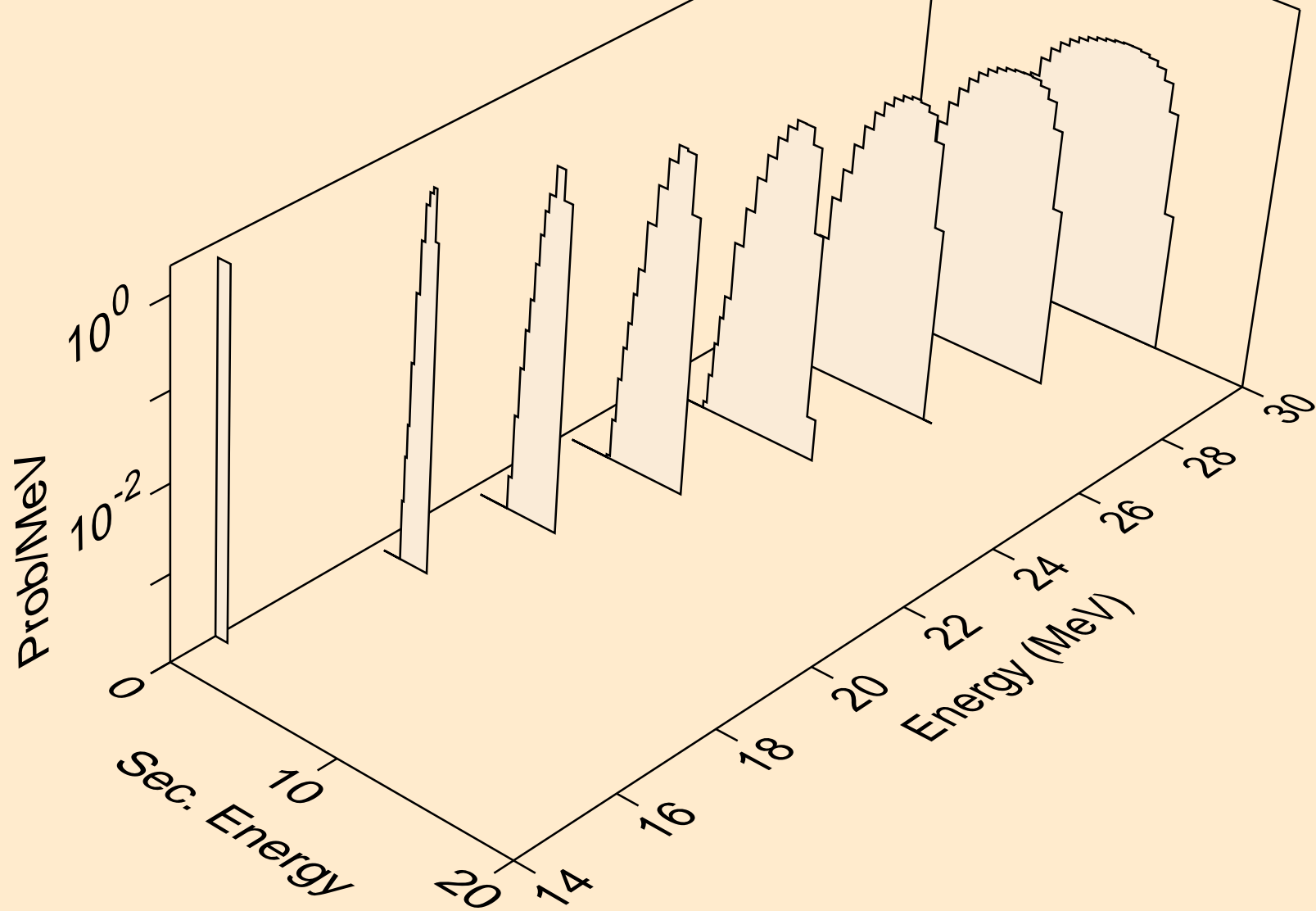
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deuterons from (n,x)



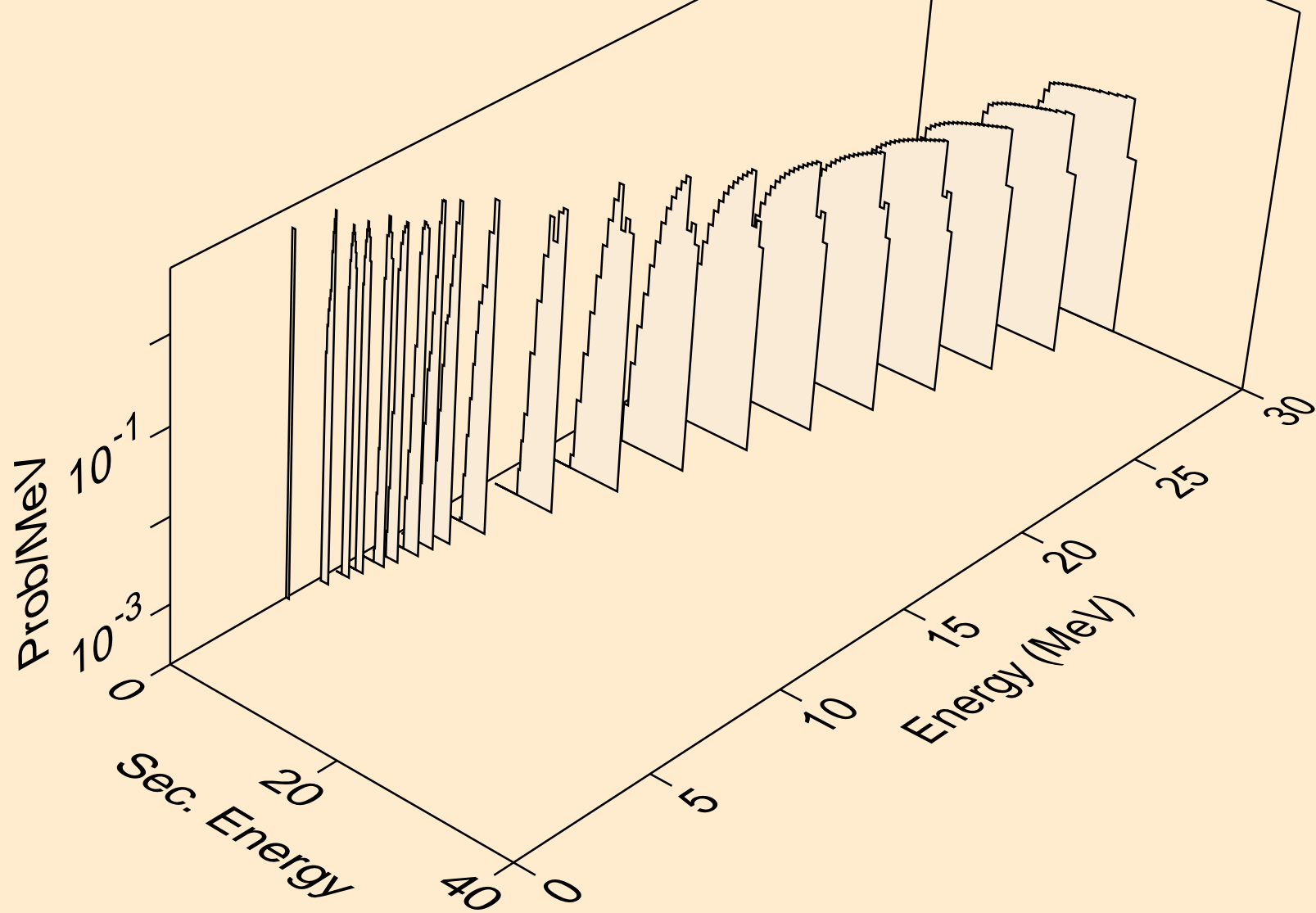
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deuterons from (n,2nd)



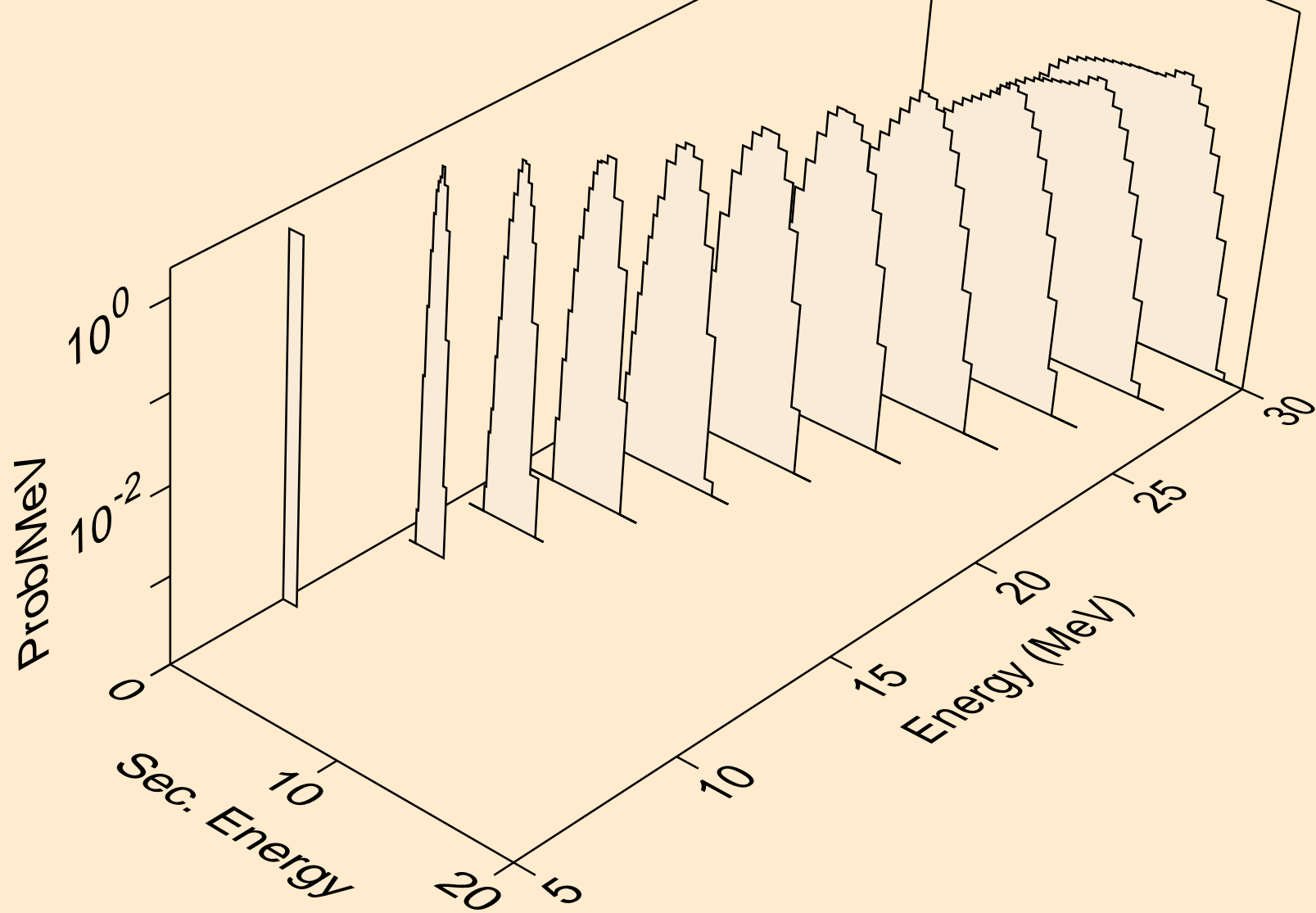
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

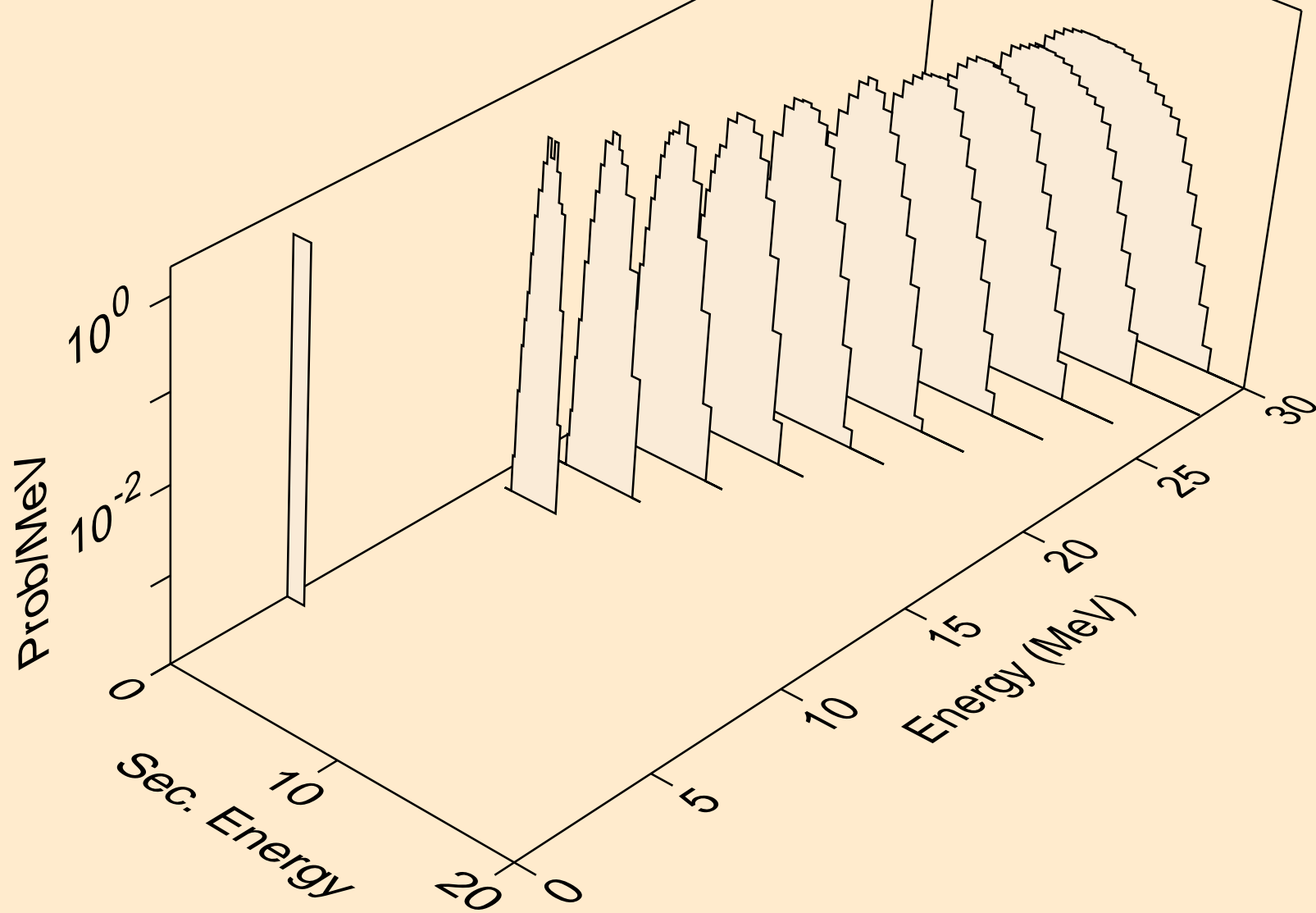


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deuterons from (n,pd)

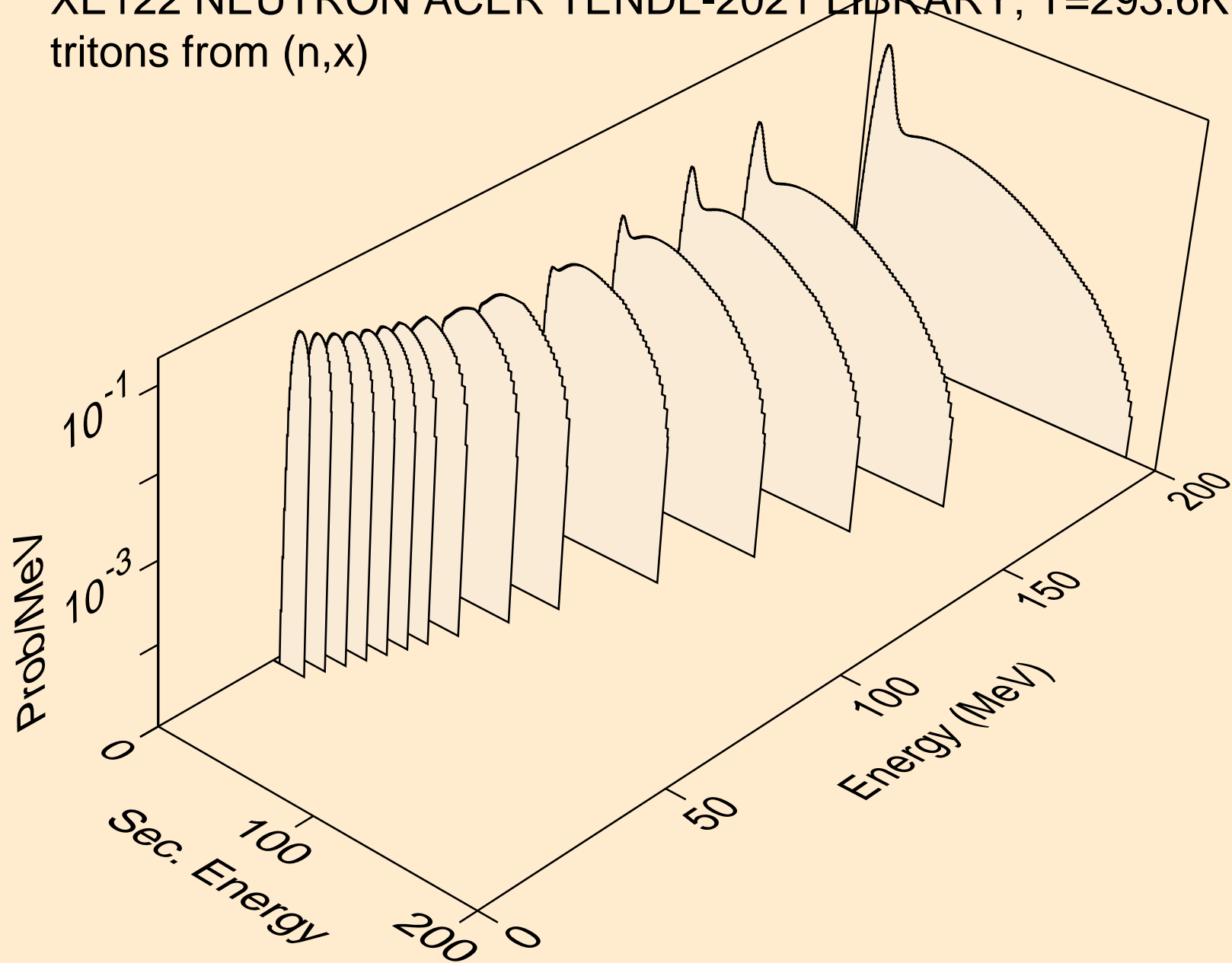




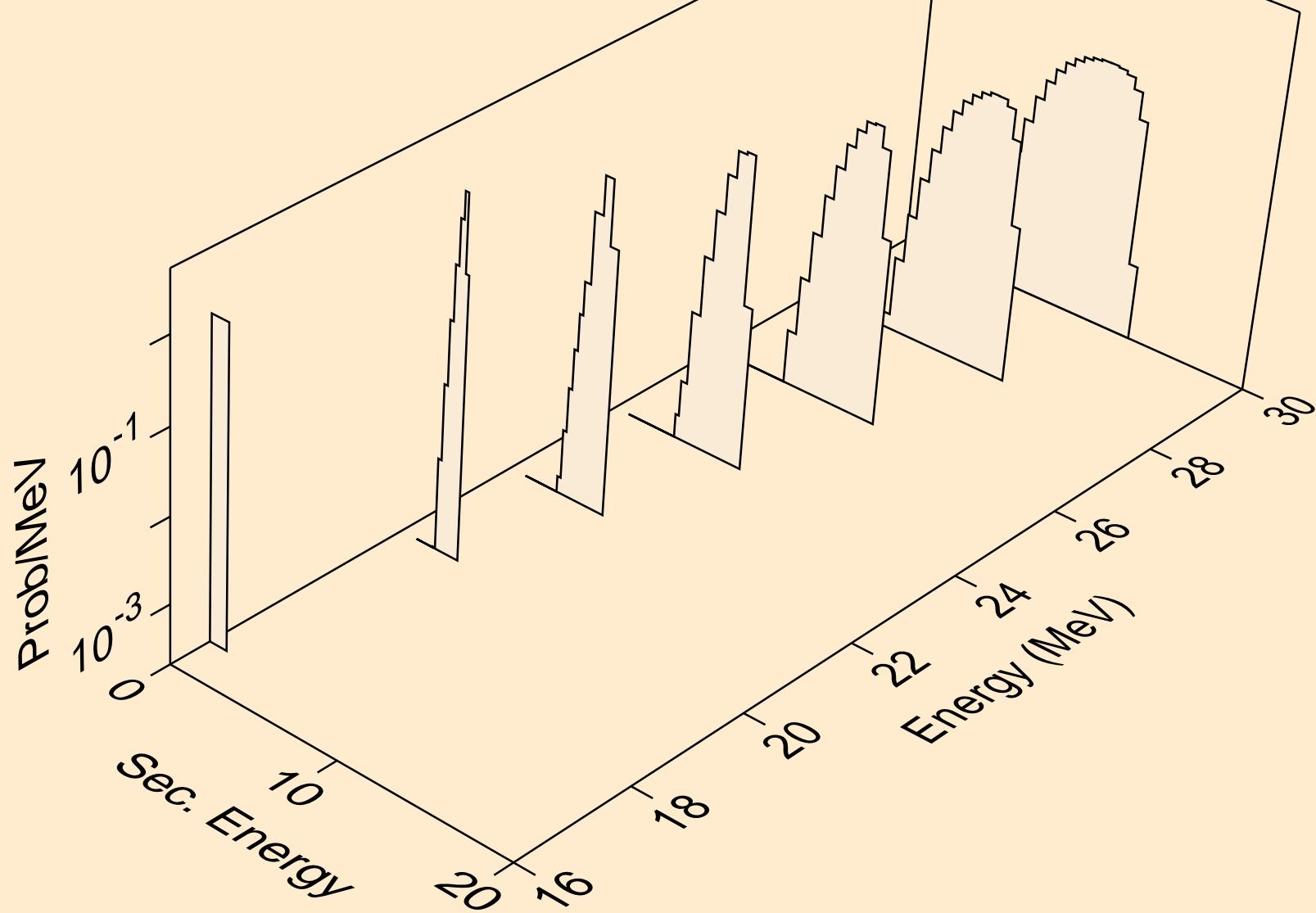
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deuterons from (n,da)



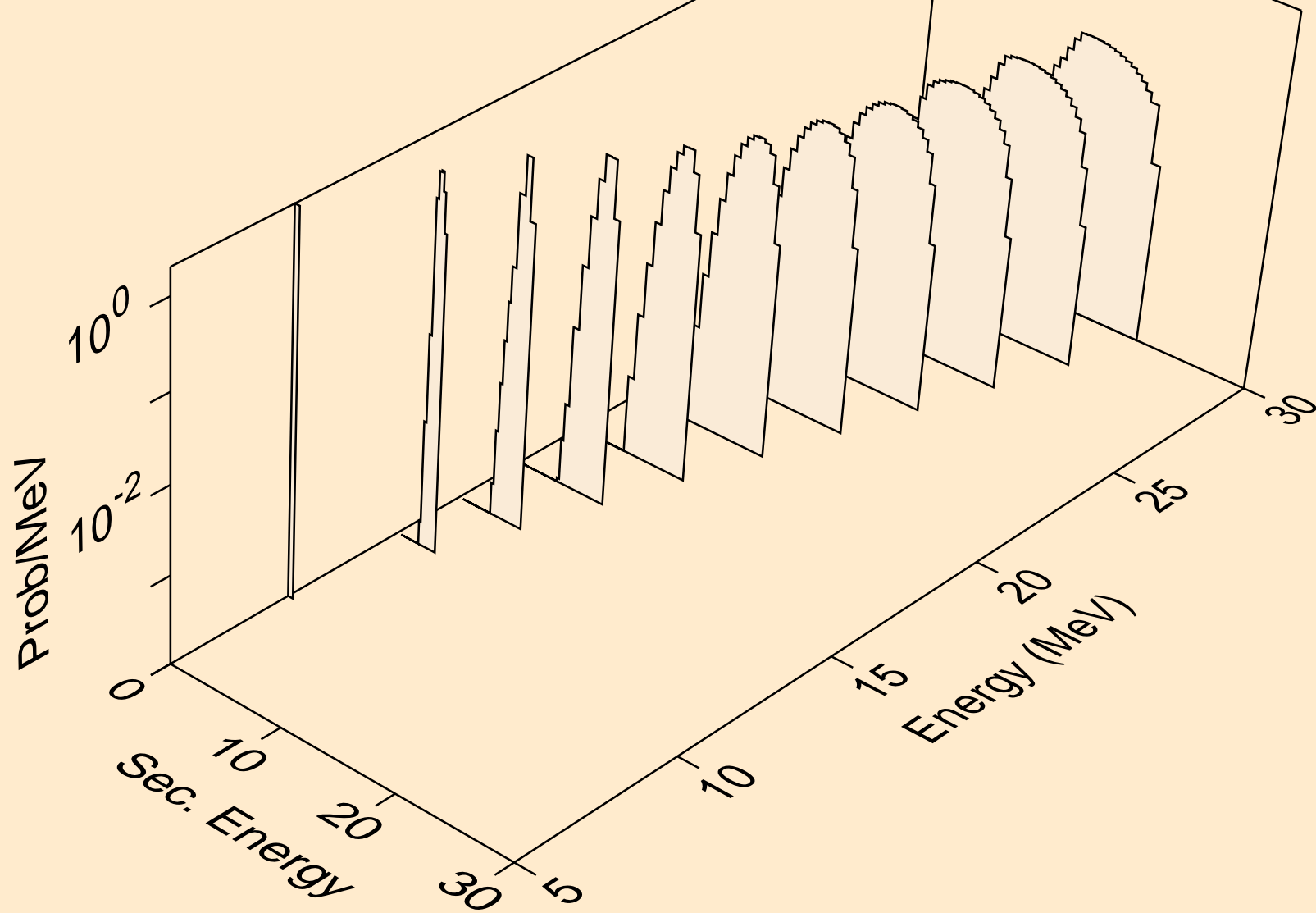
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tritons from (n,x)



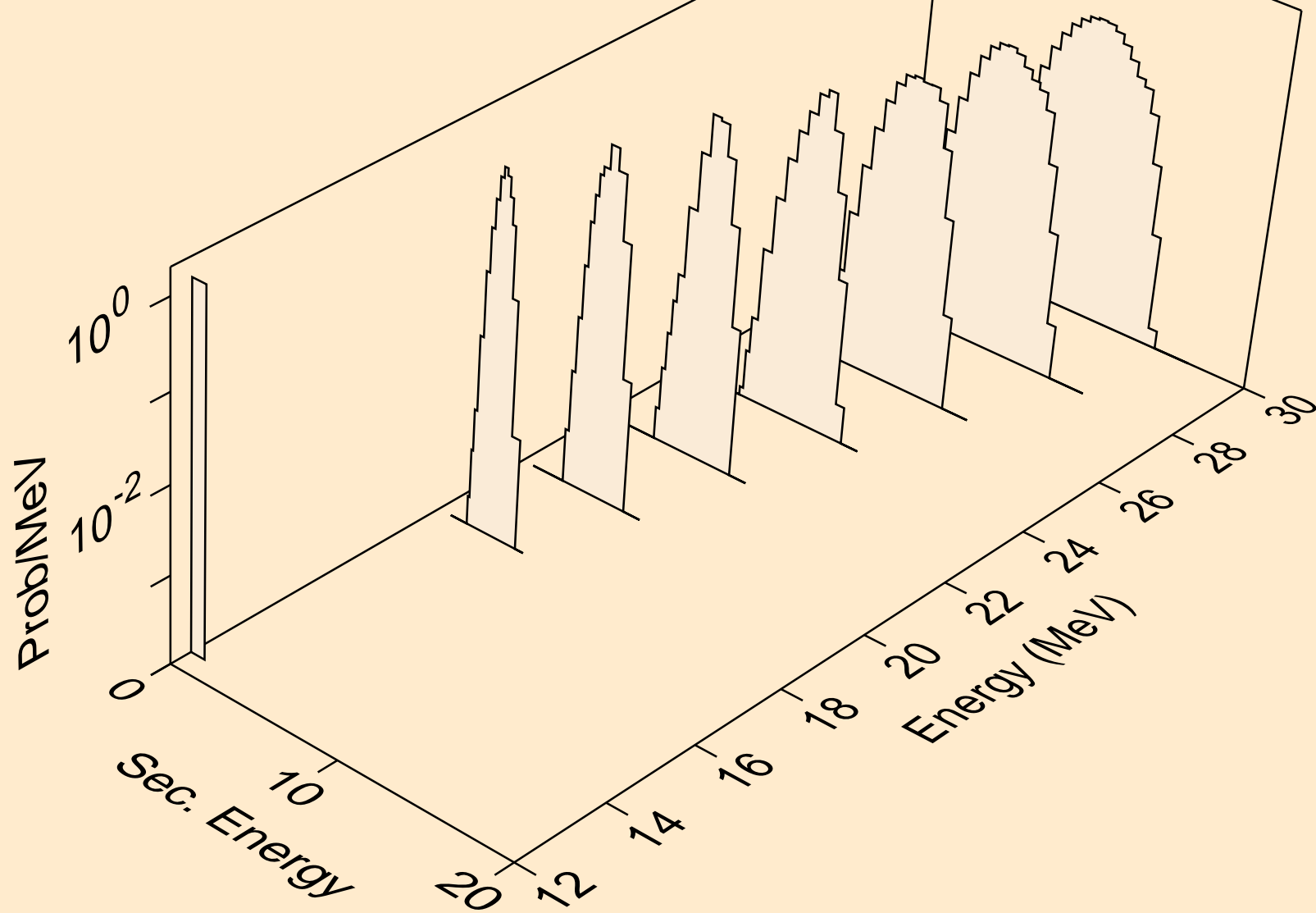
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tritons from (n,n\*)t



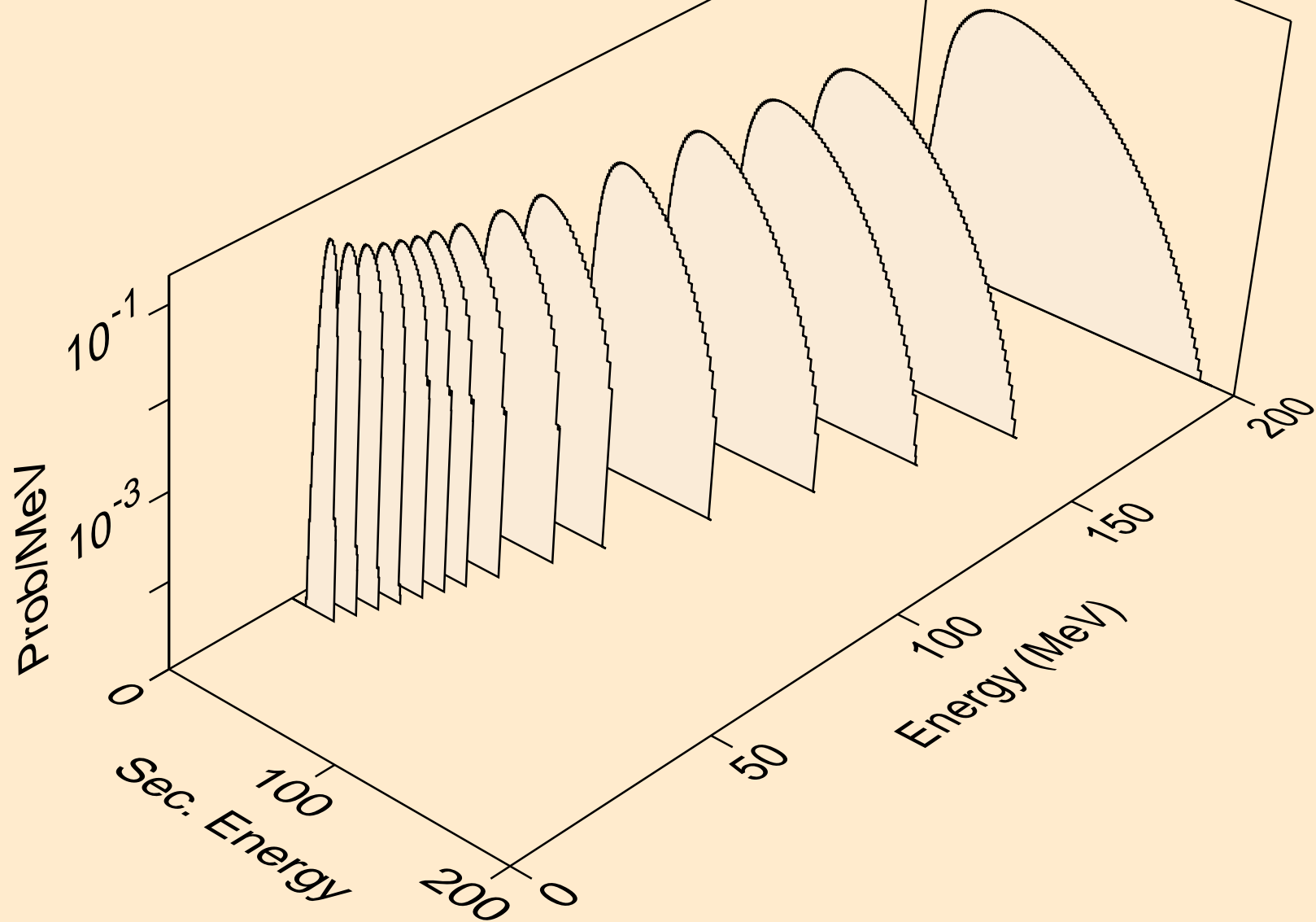
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



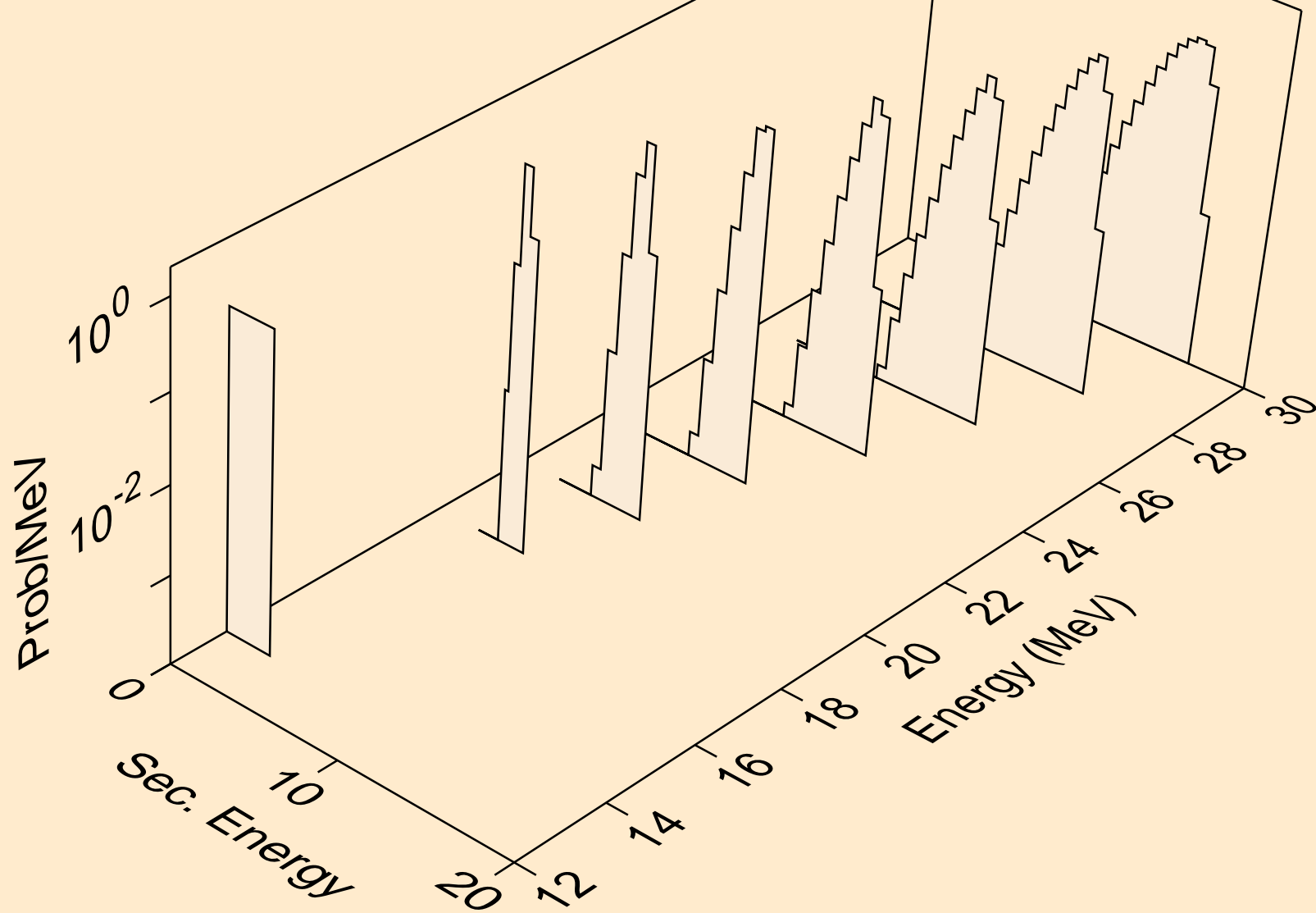
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



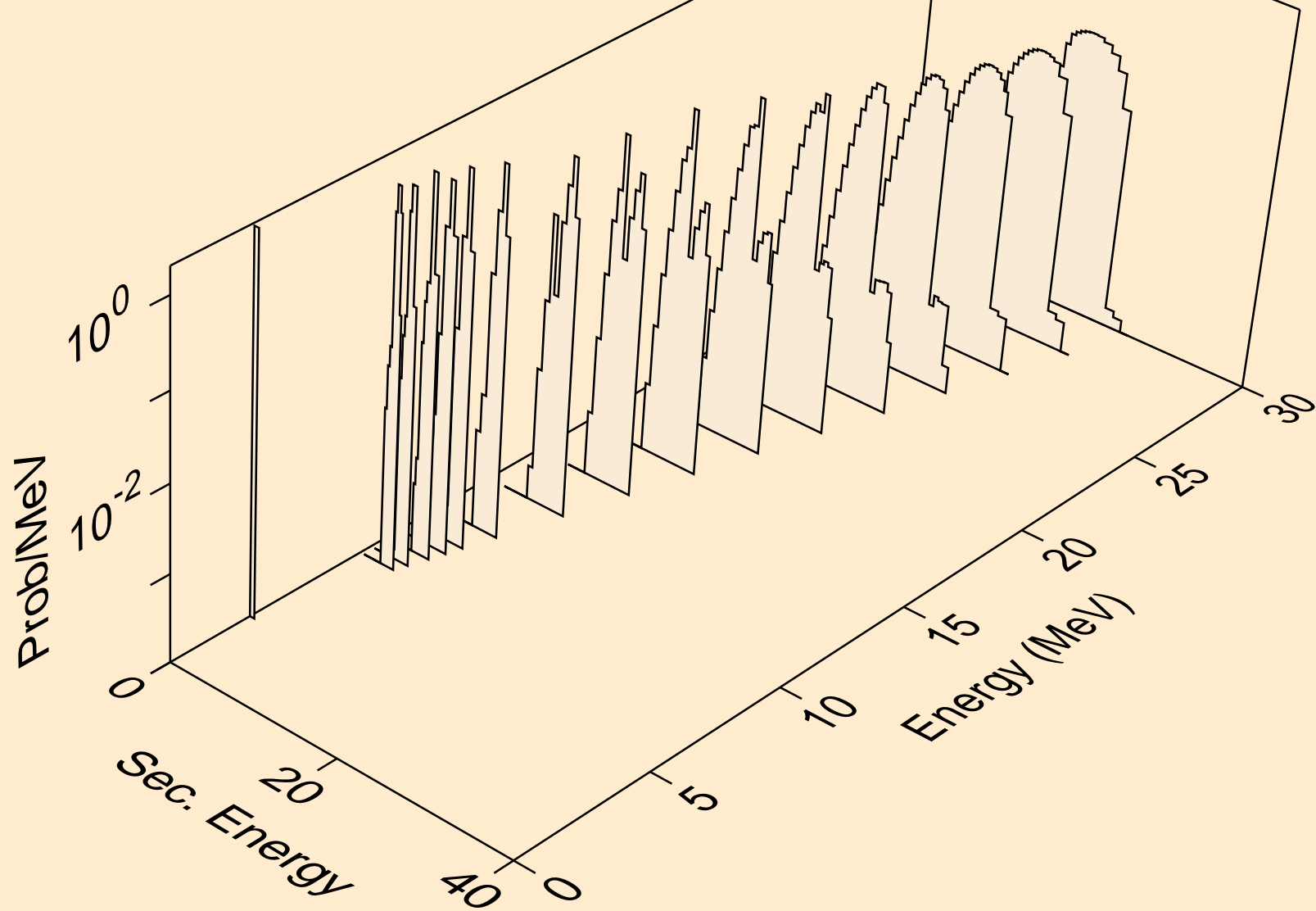
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

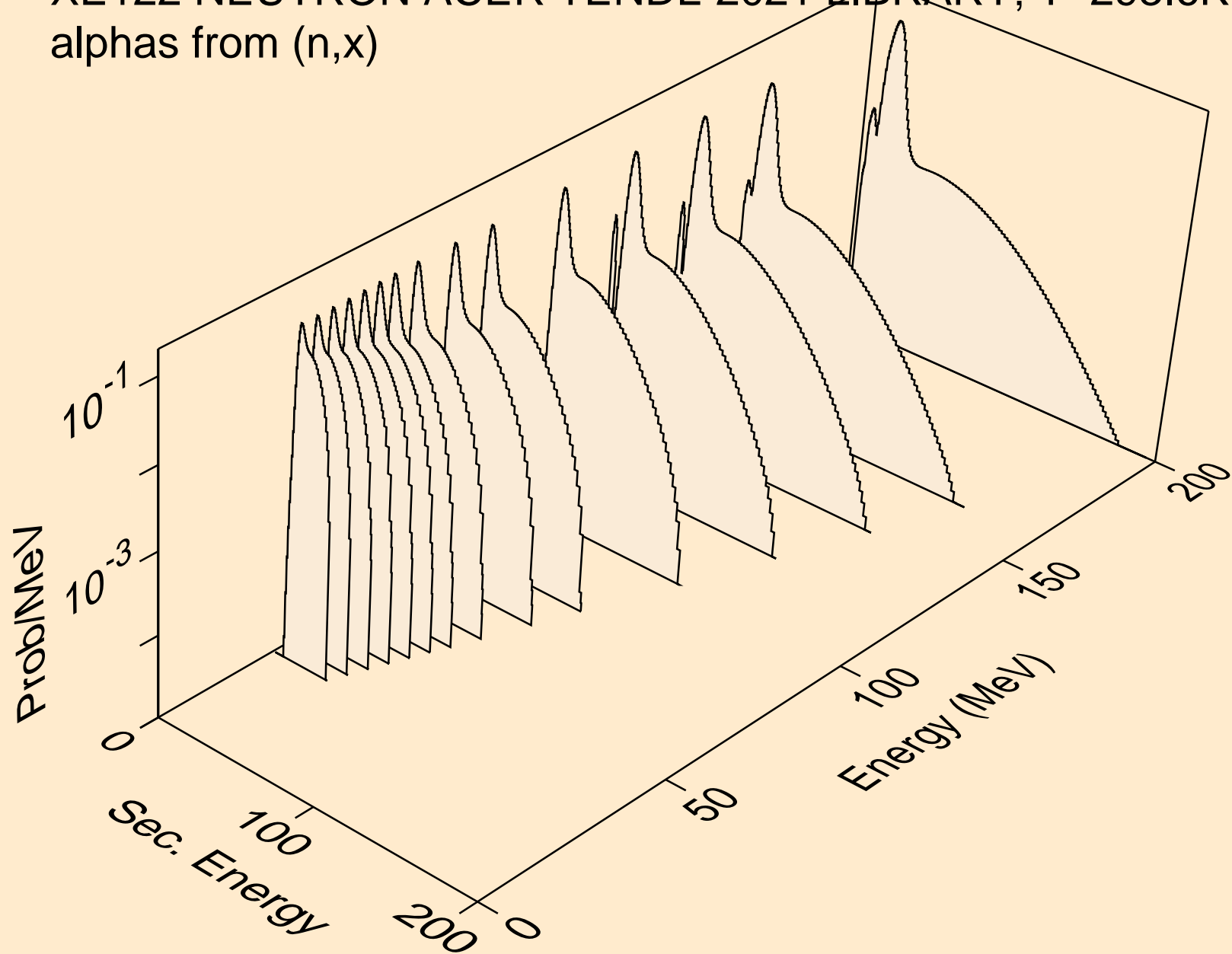


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

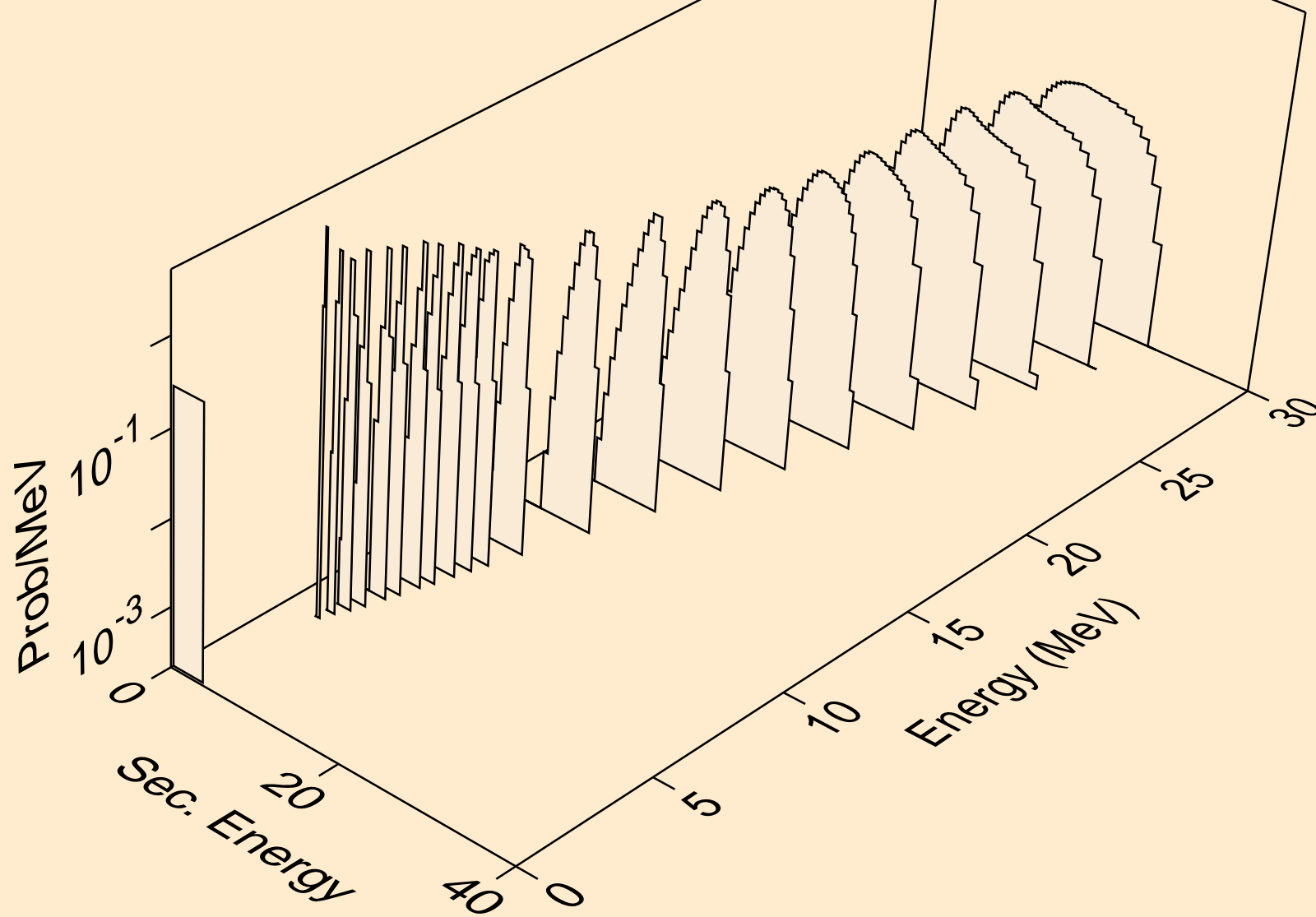




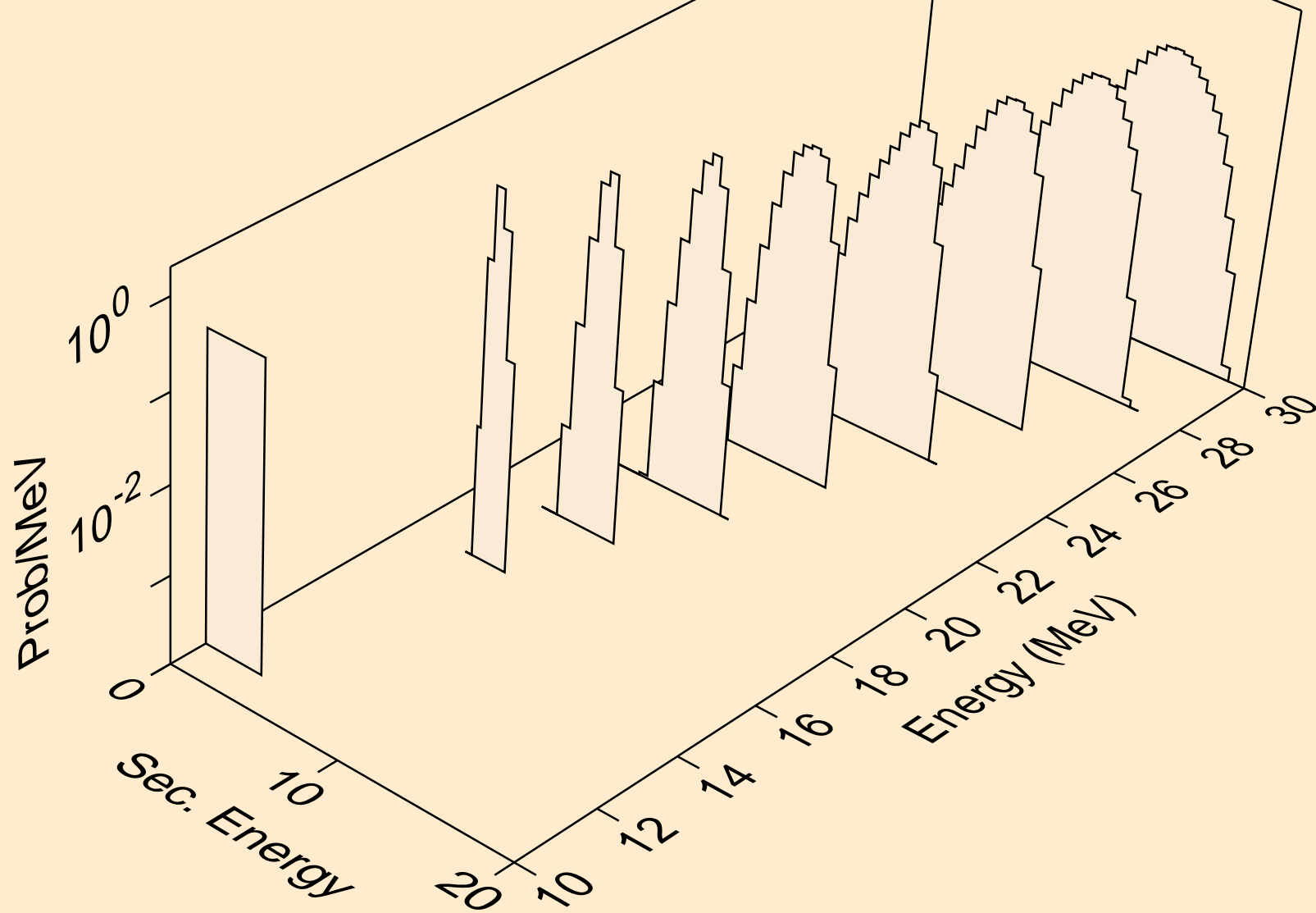
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



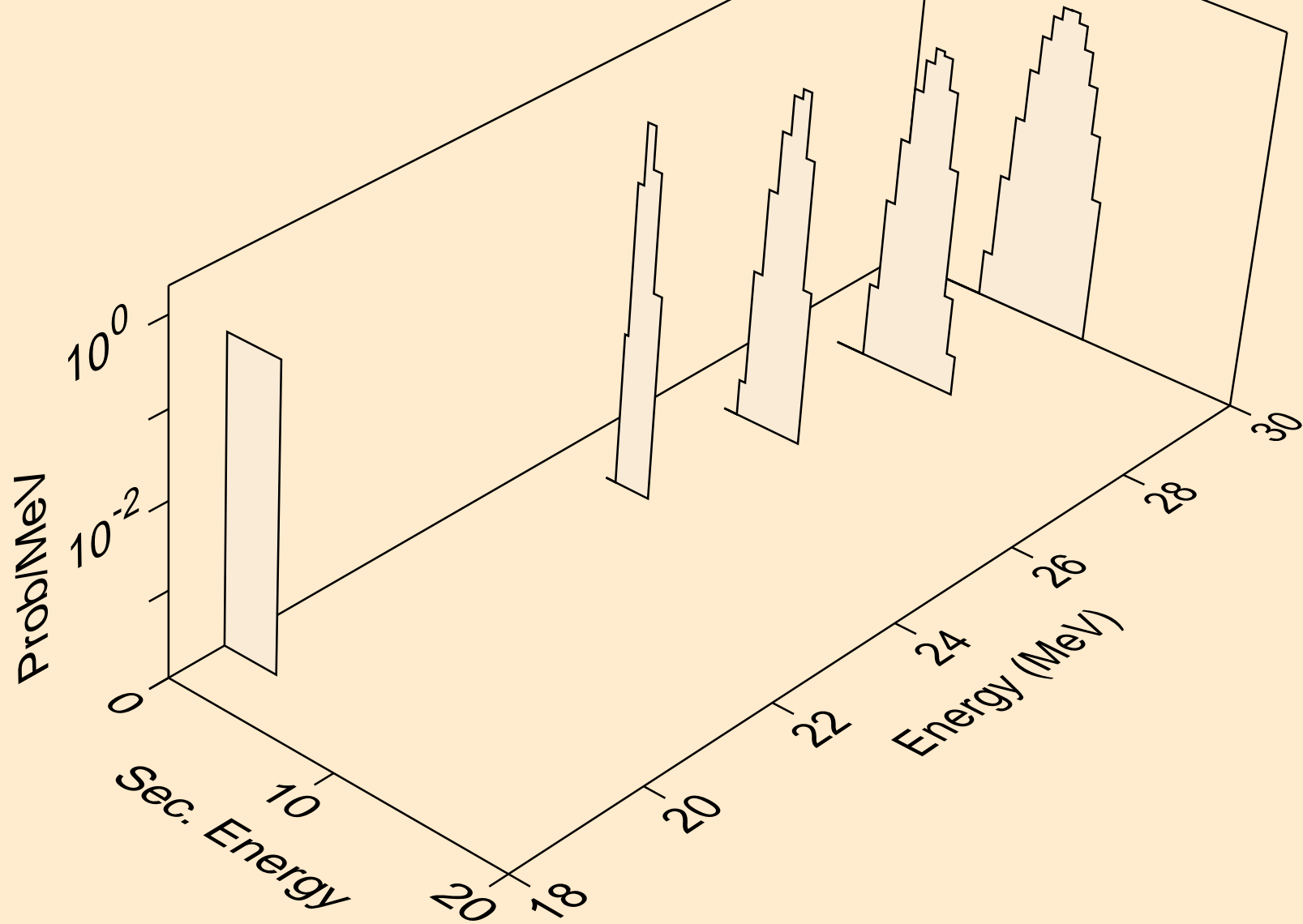
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



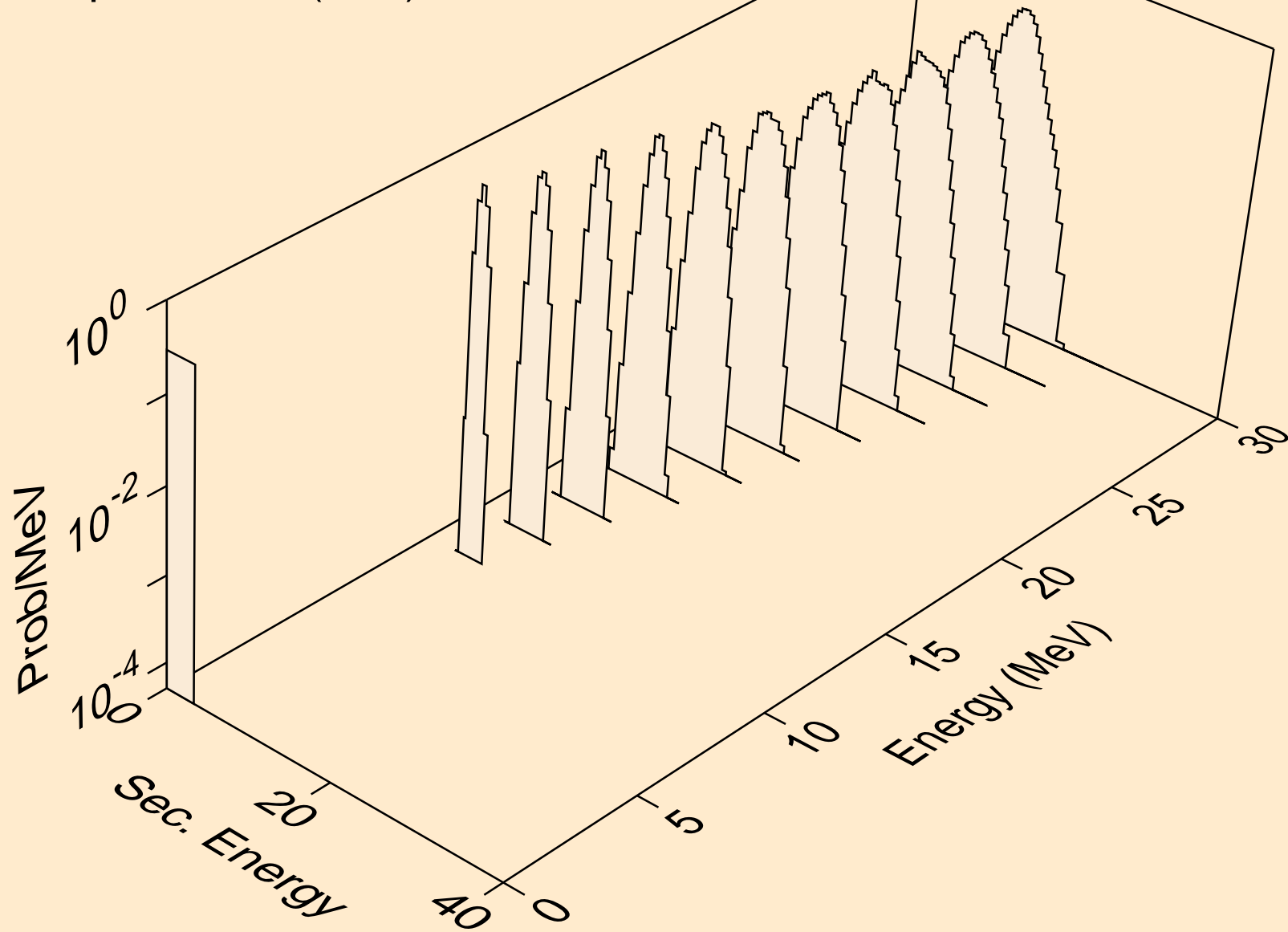
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



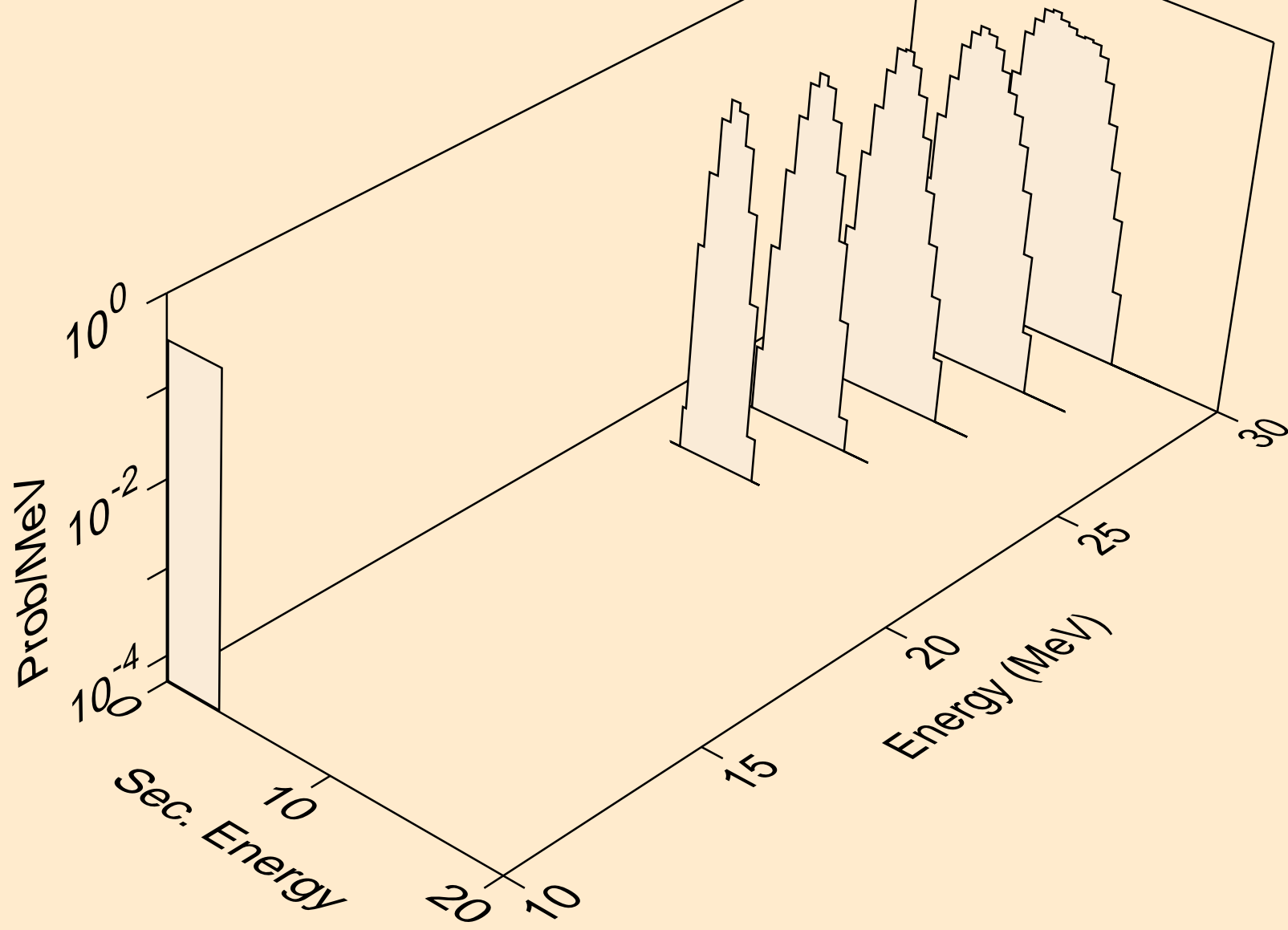
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



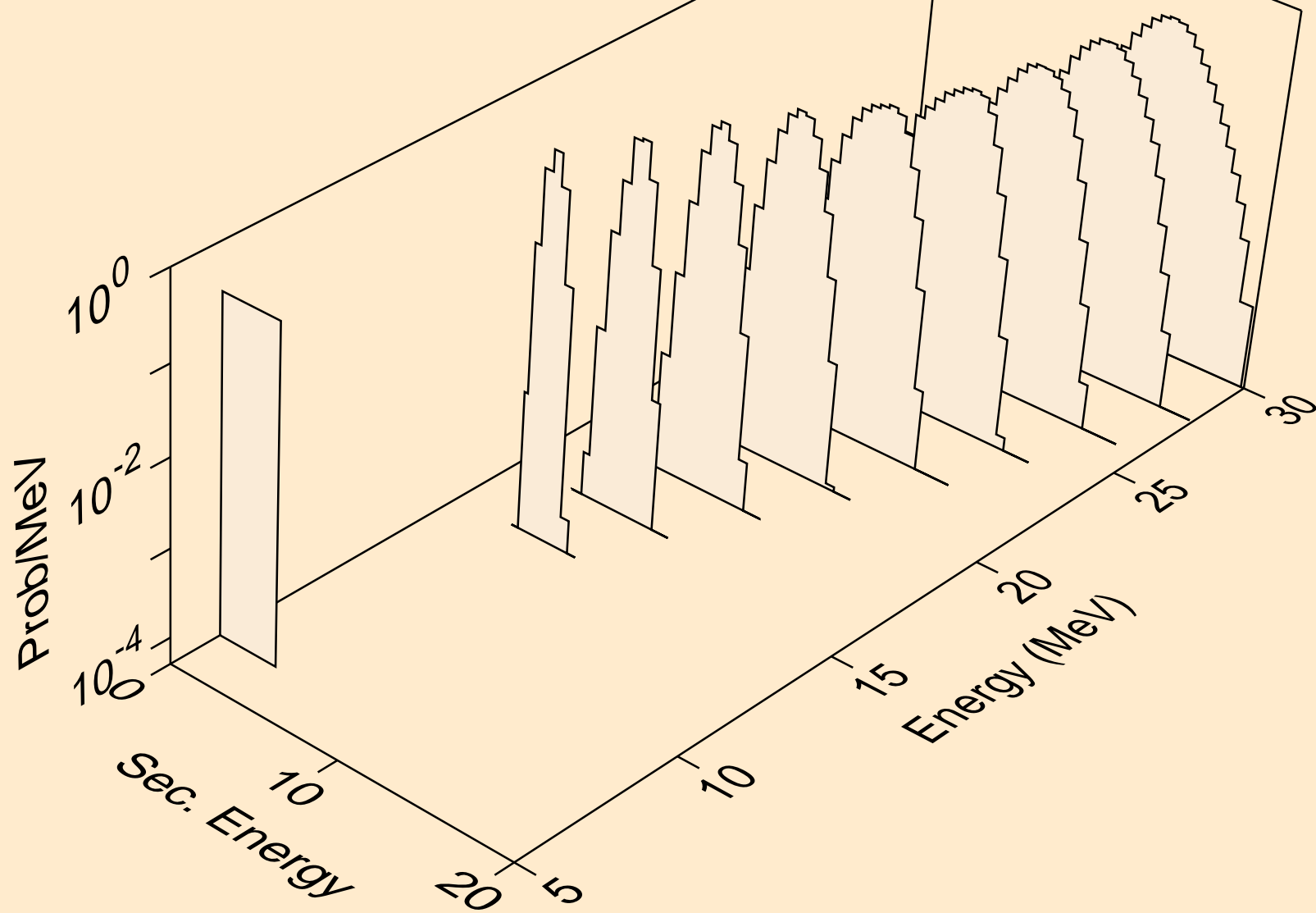
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



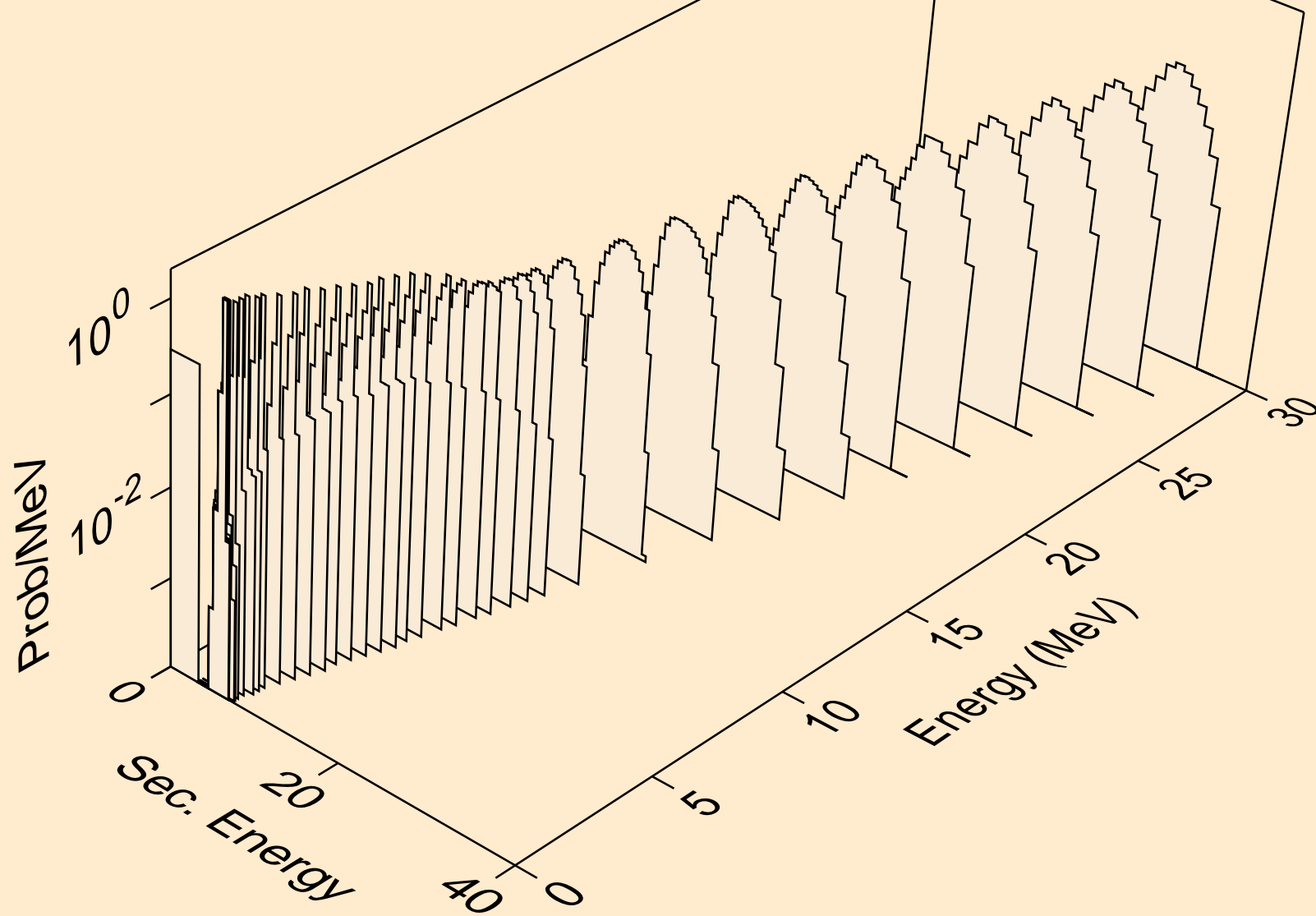
XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

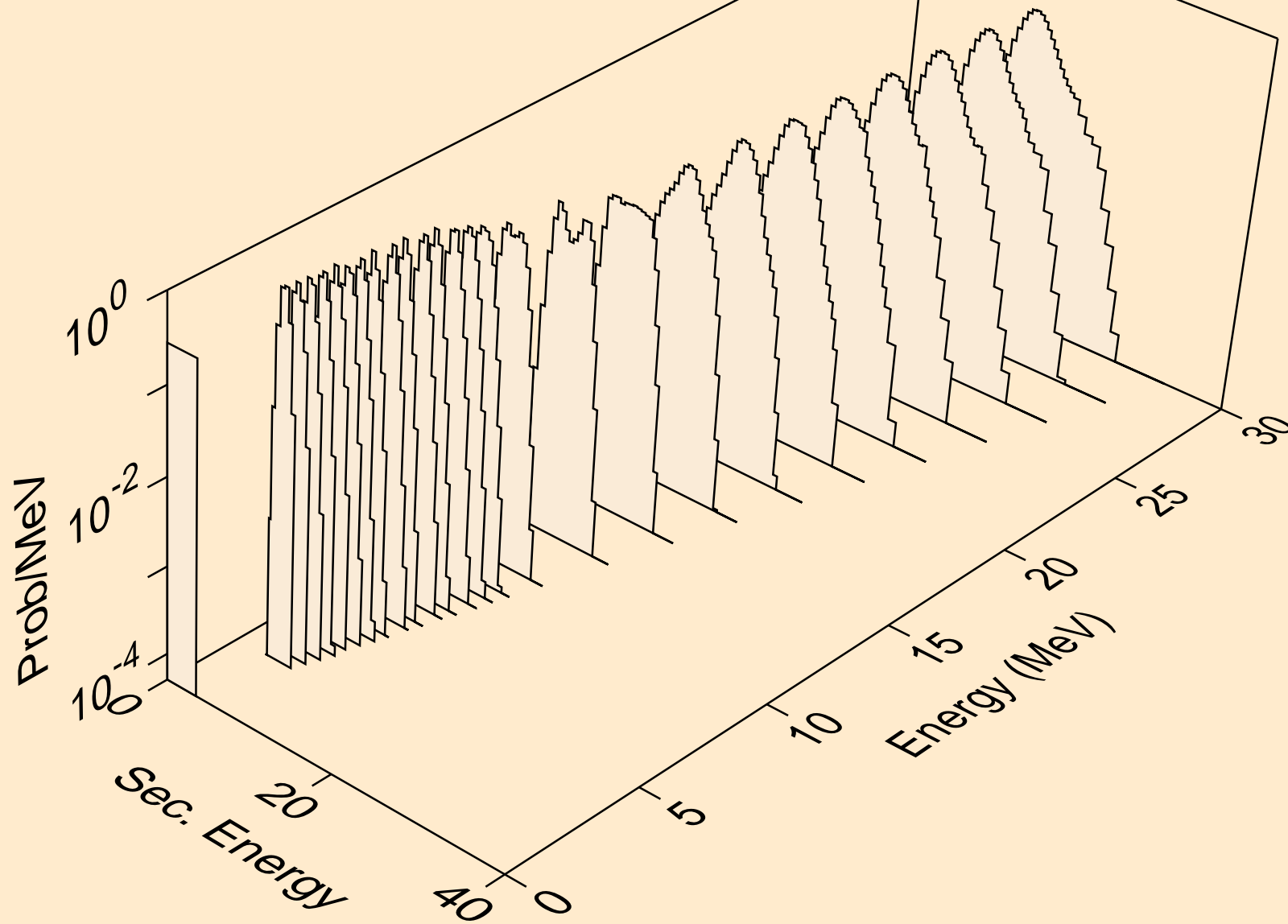


XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

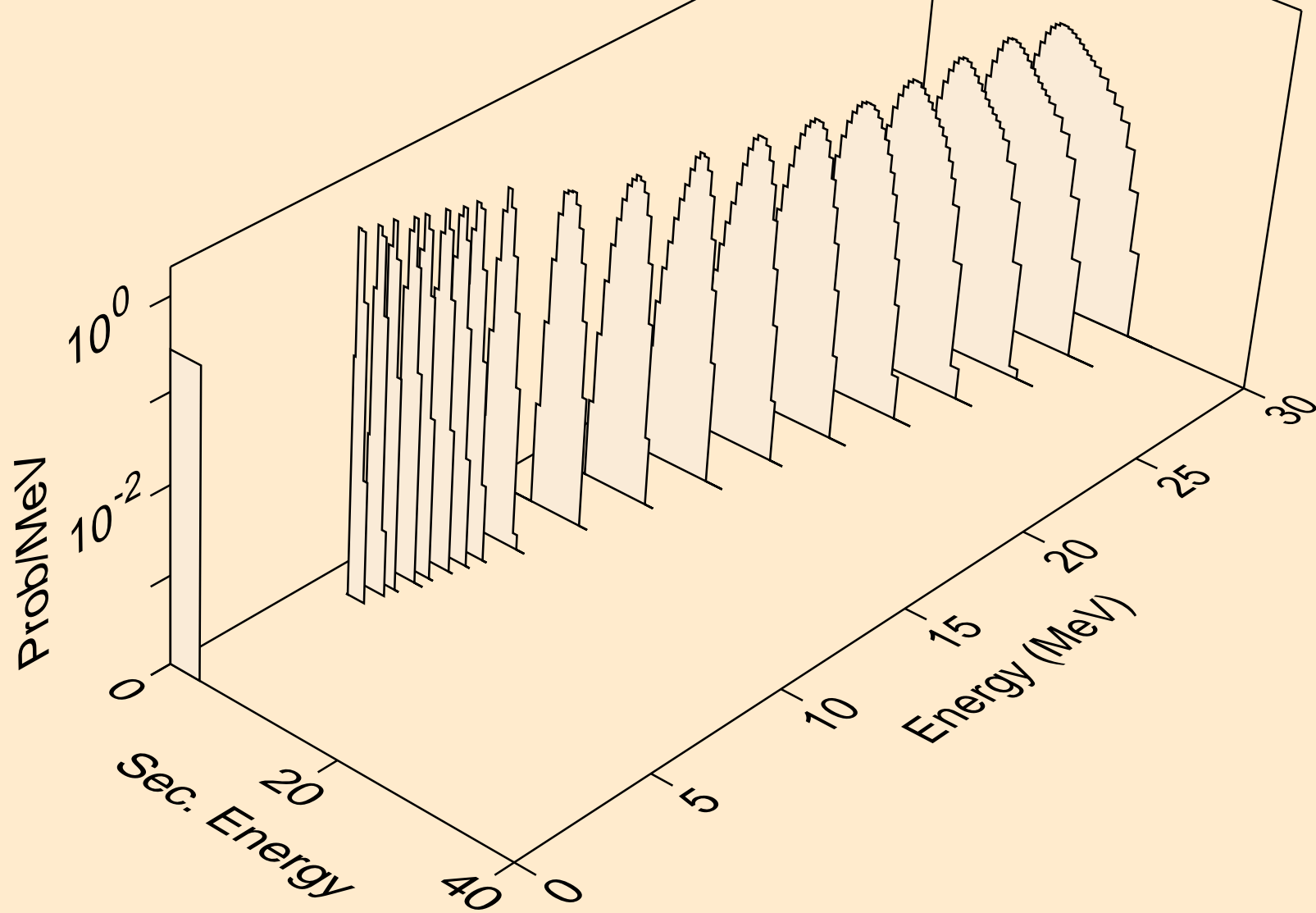




XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



XE122 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

