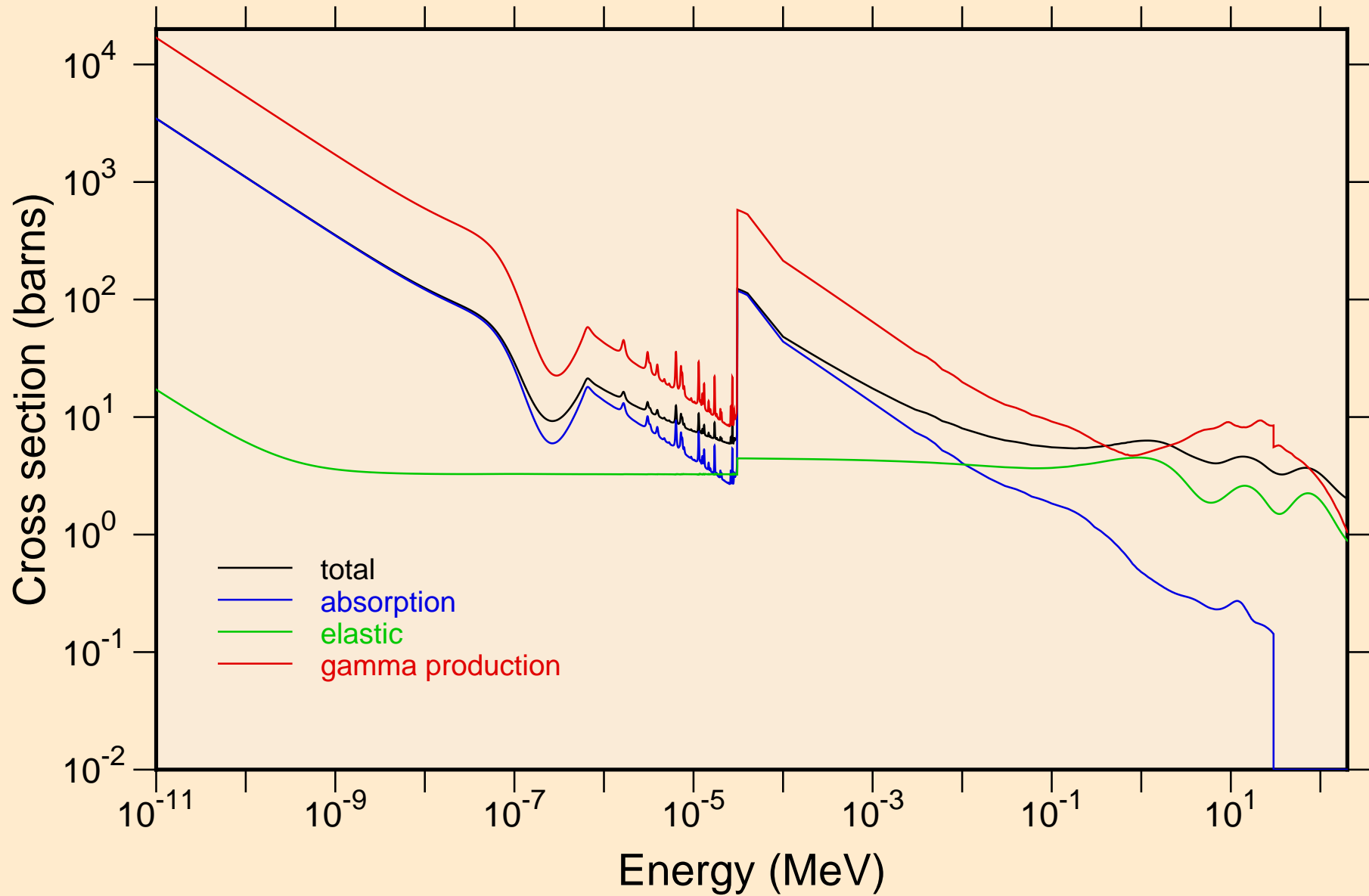
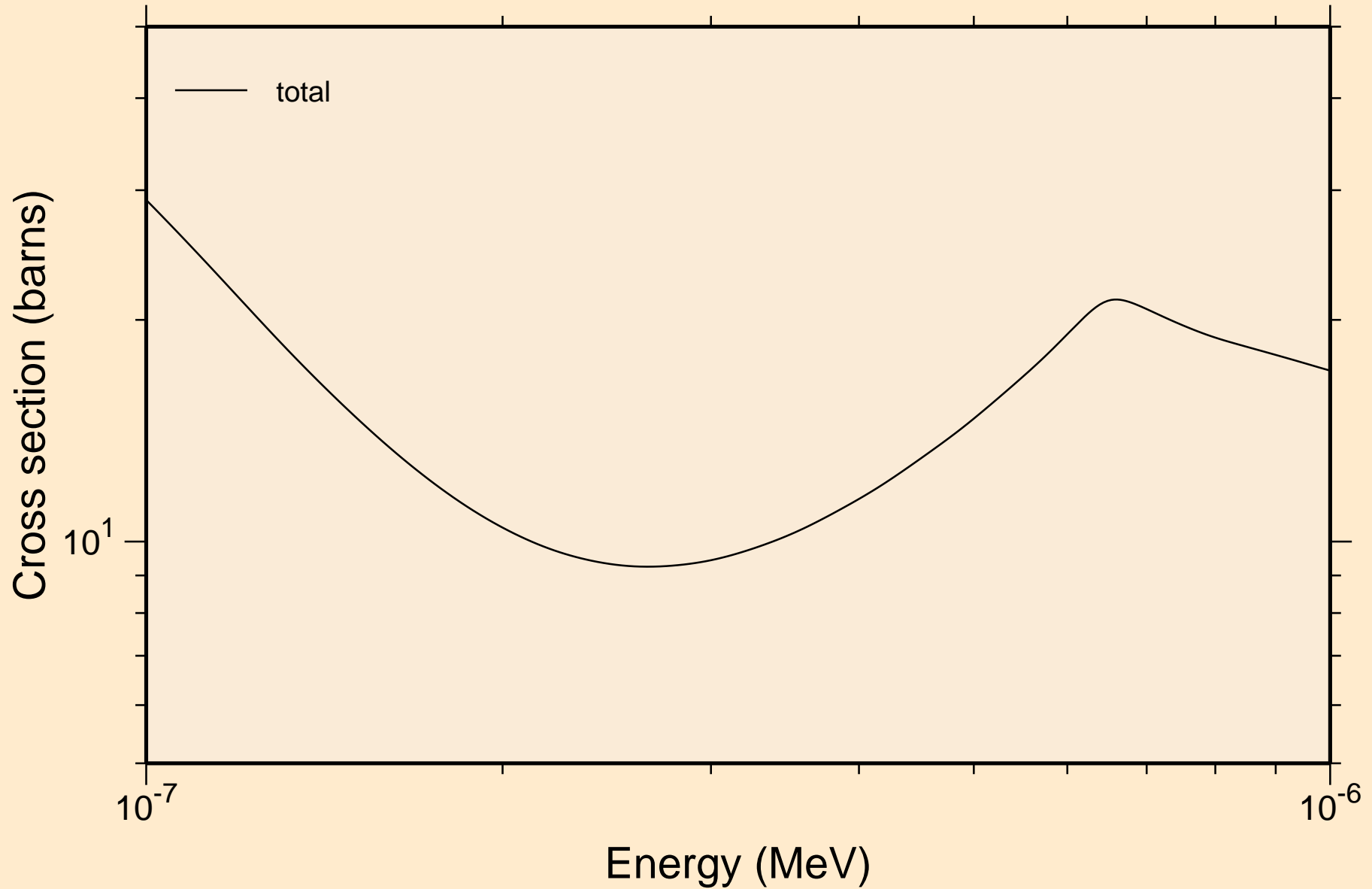


# XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

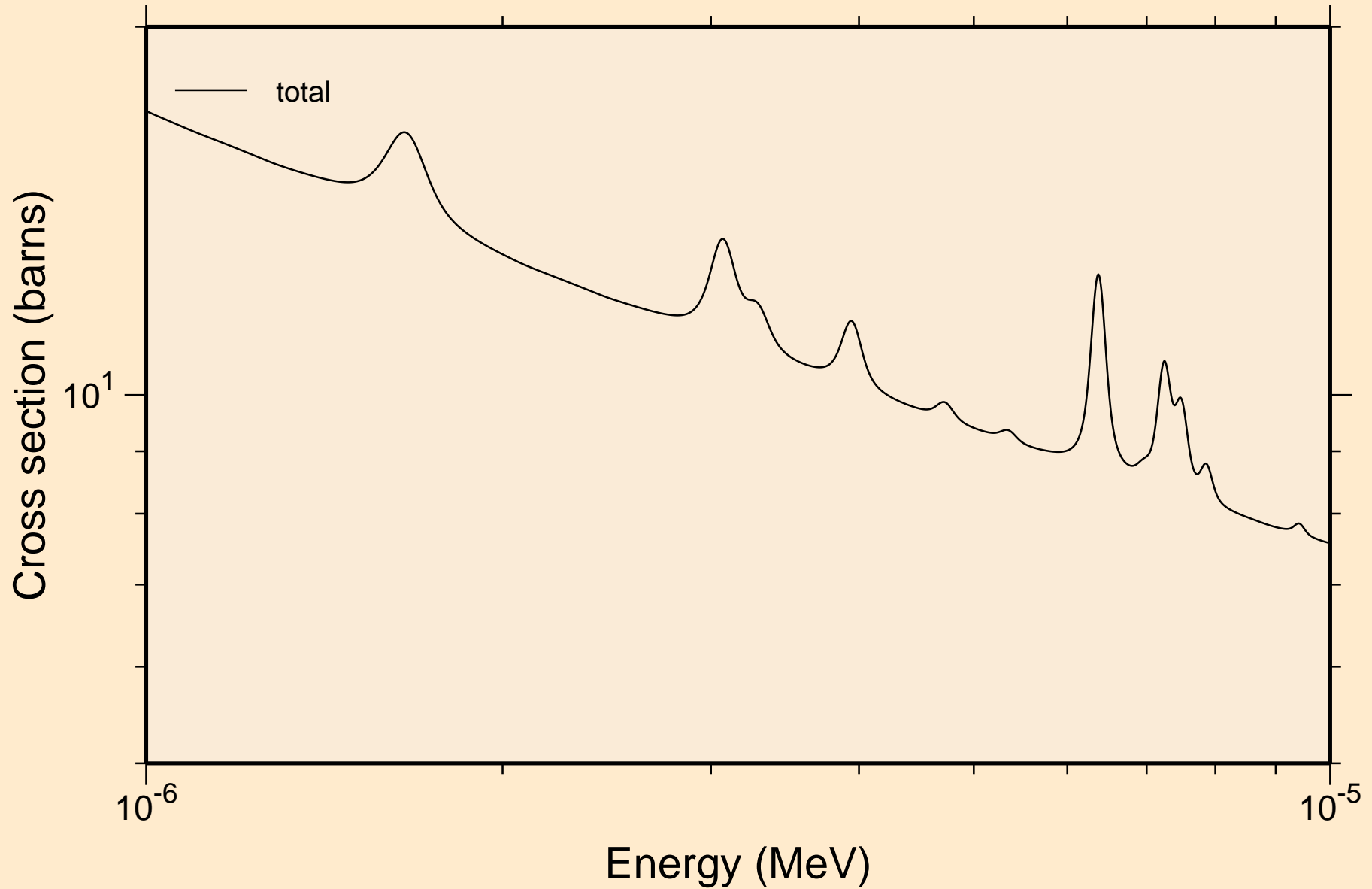
## Principal cross sections



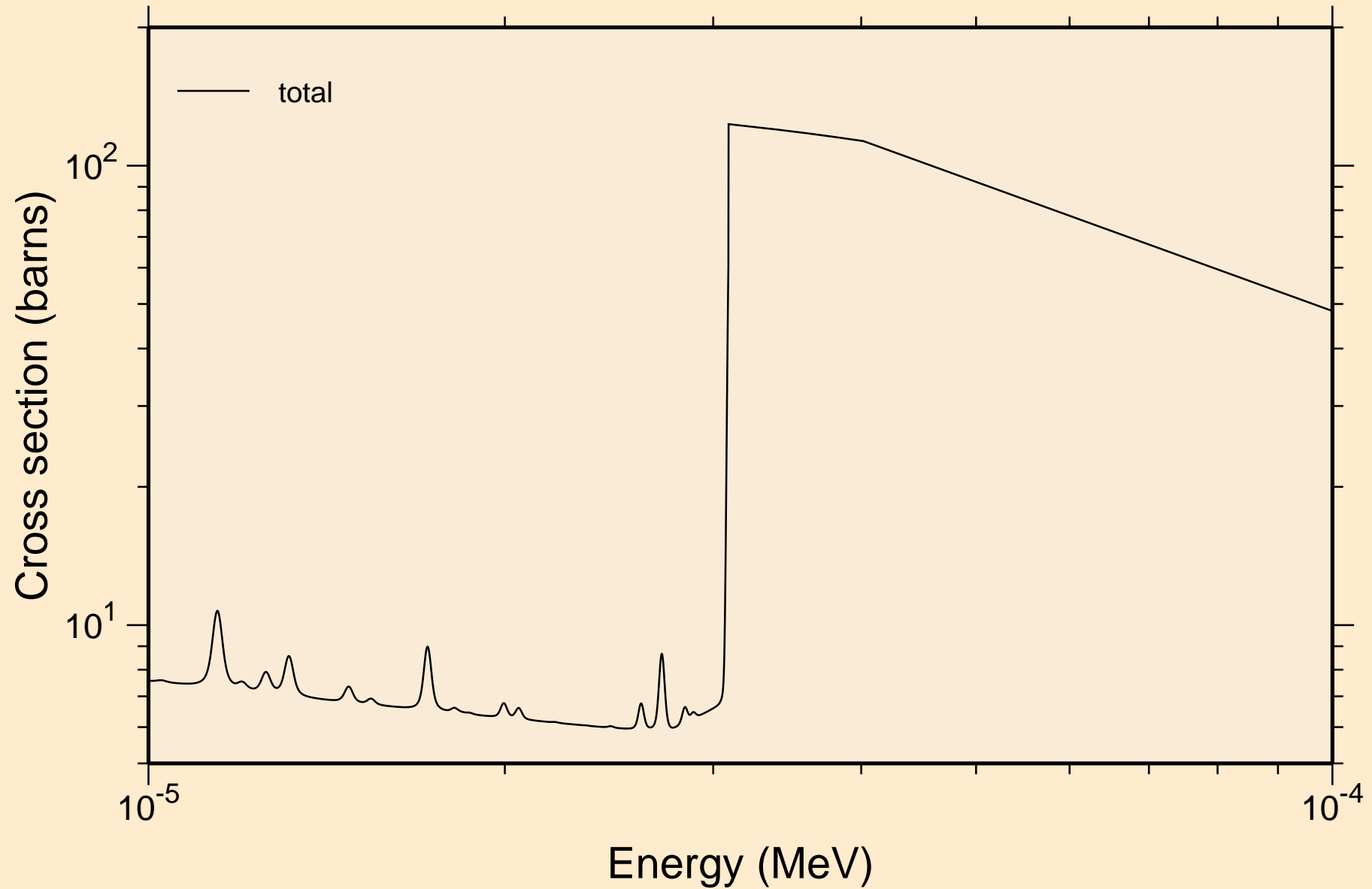
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



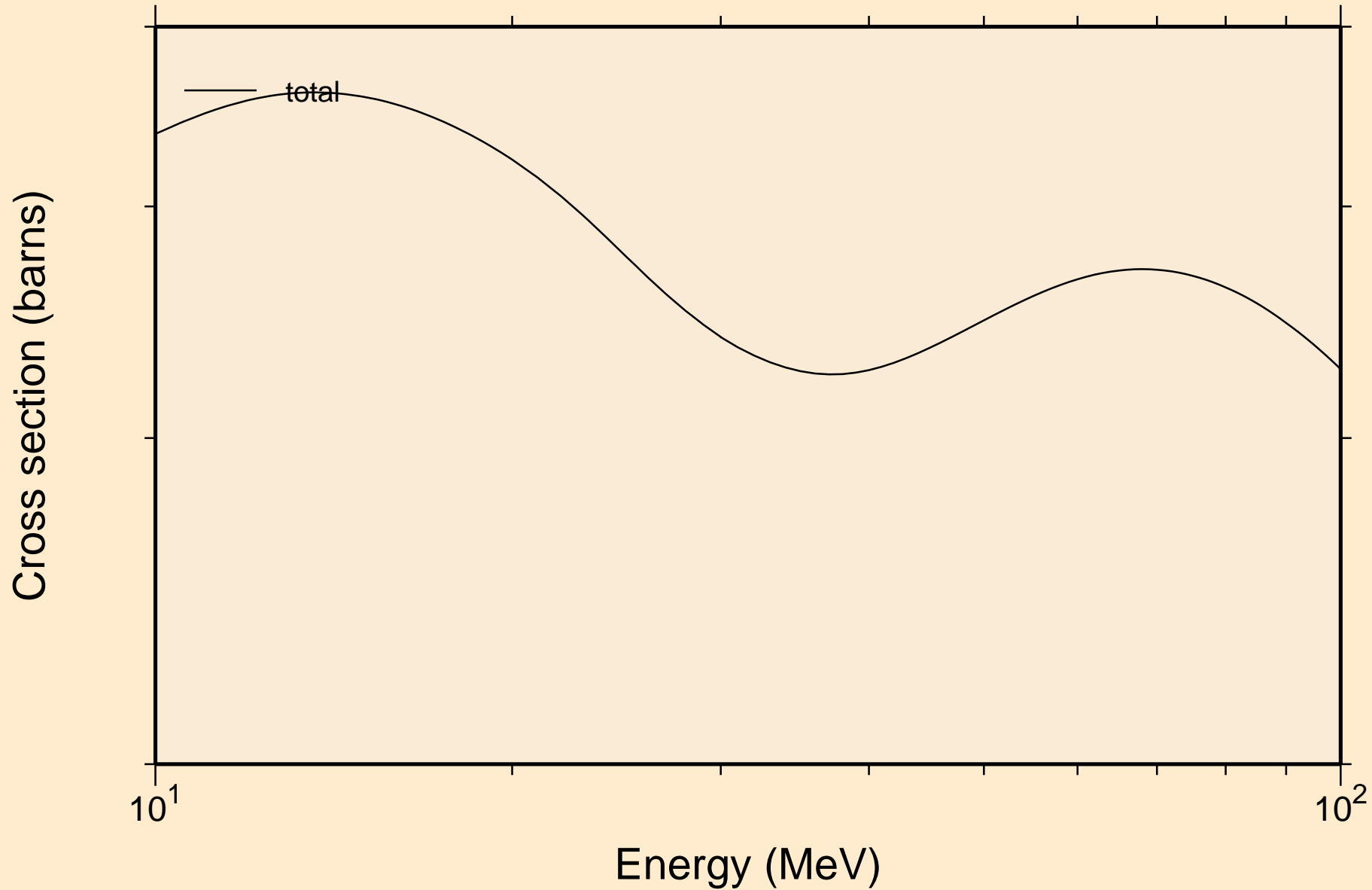
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



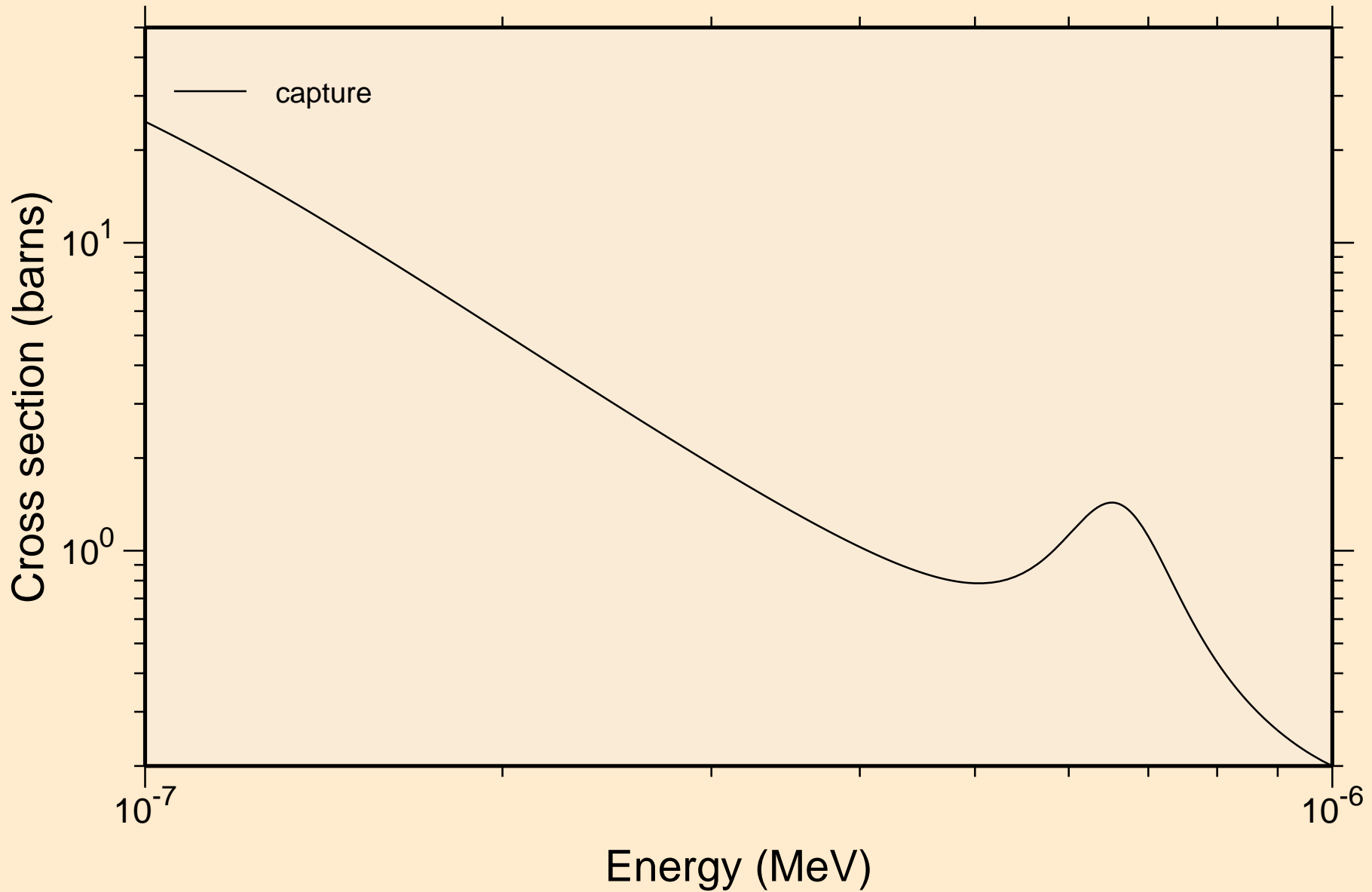
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



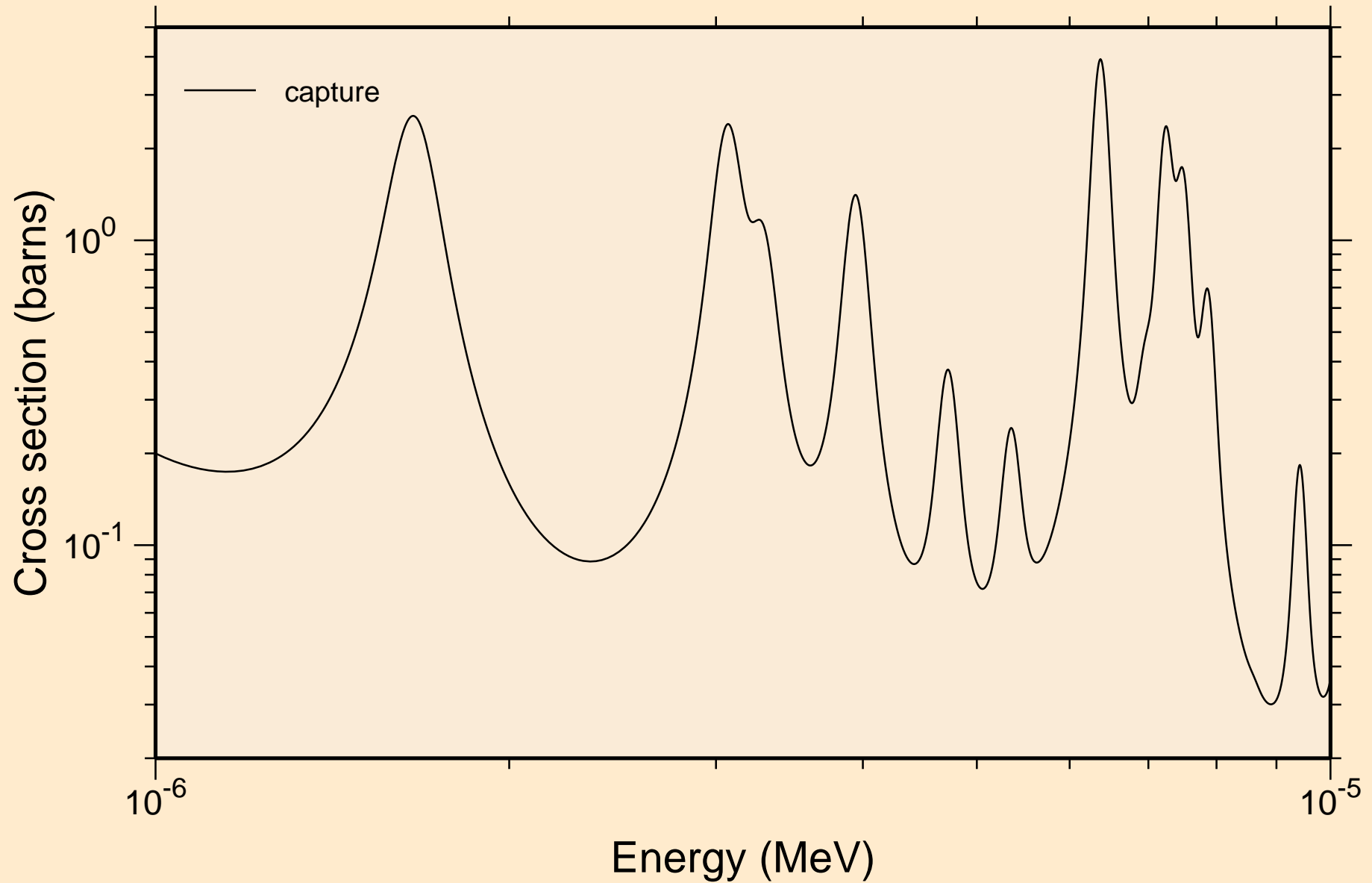
X<sup>121</sup> NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



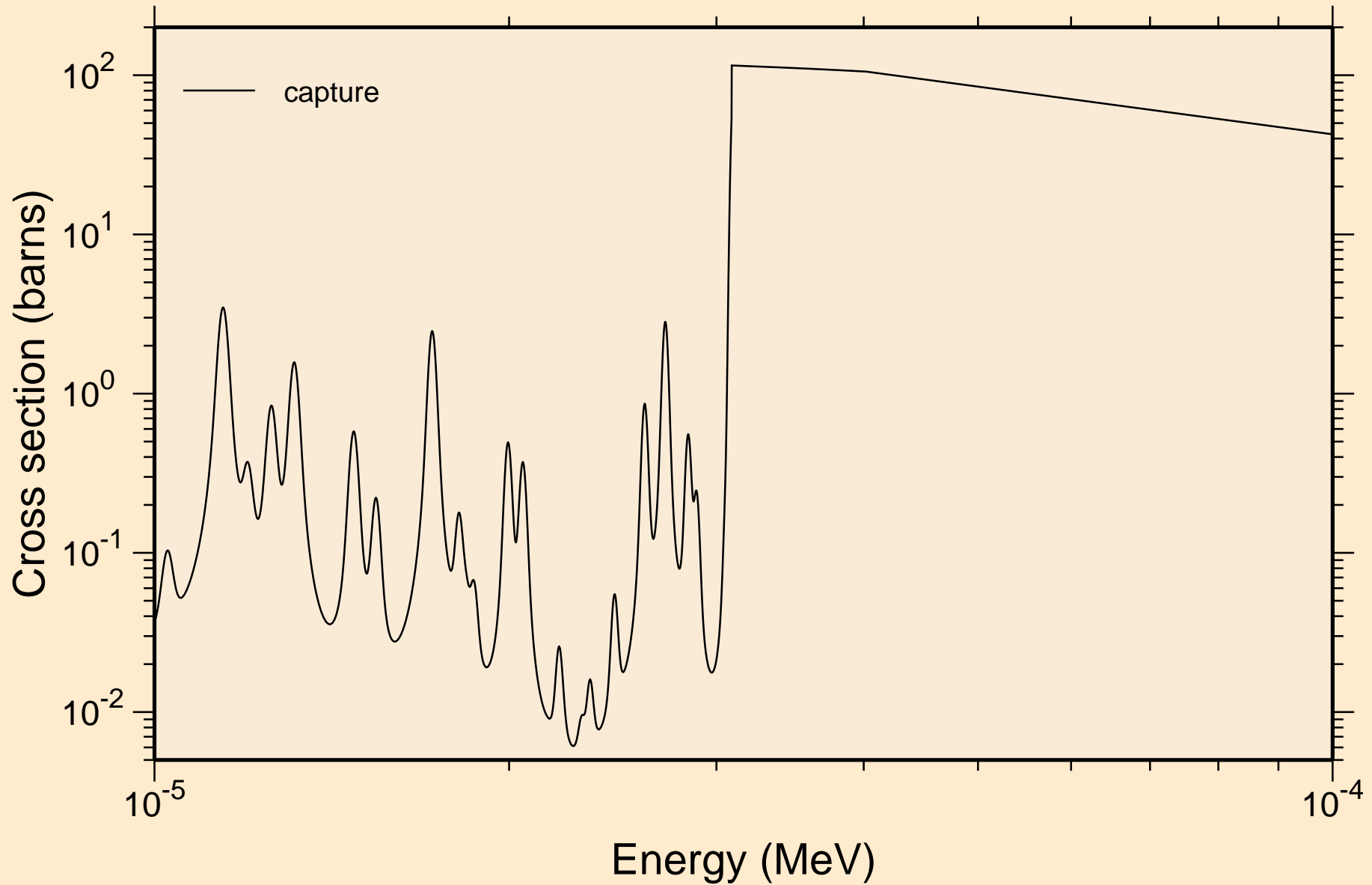
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

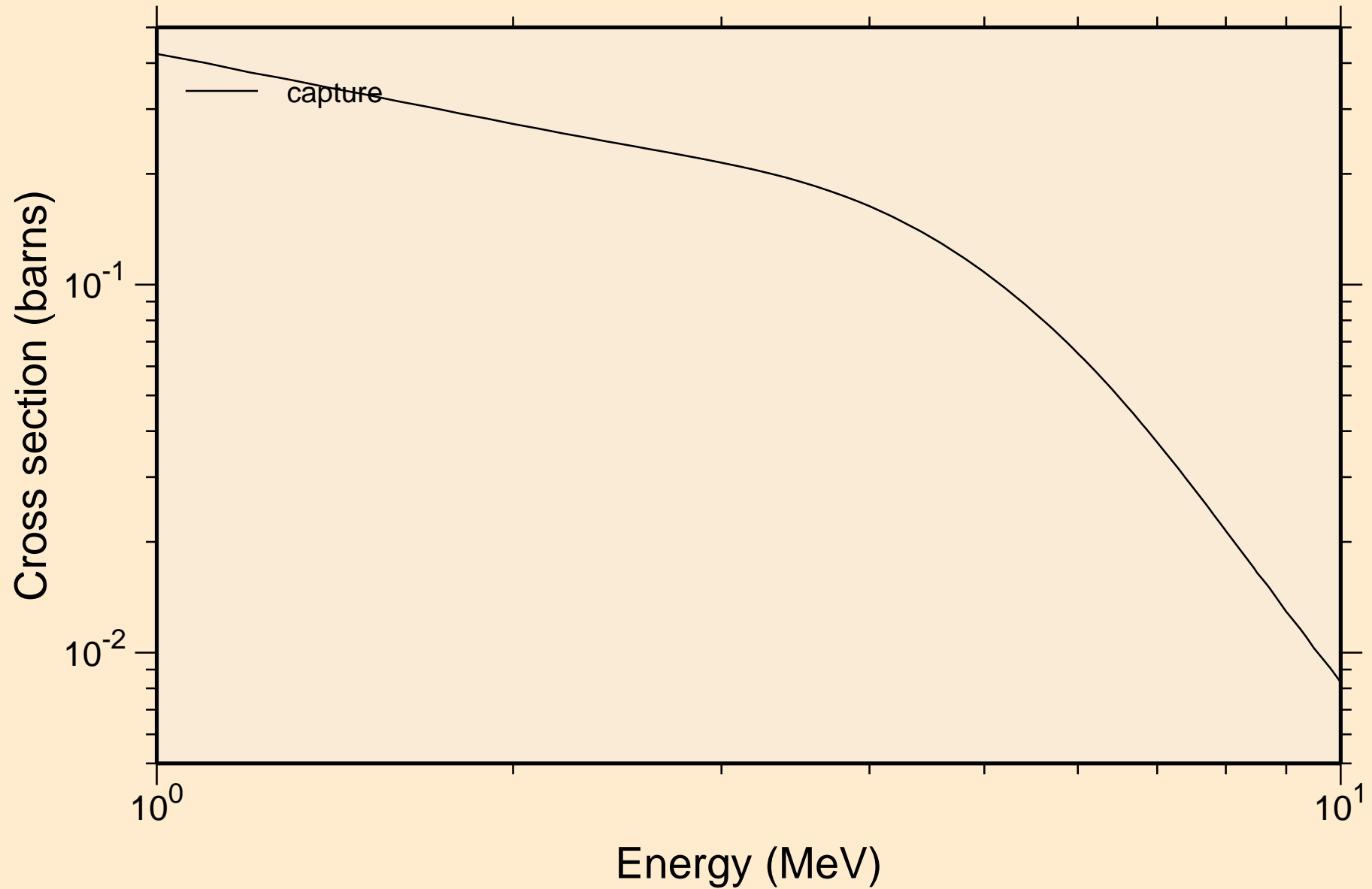


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

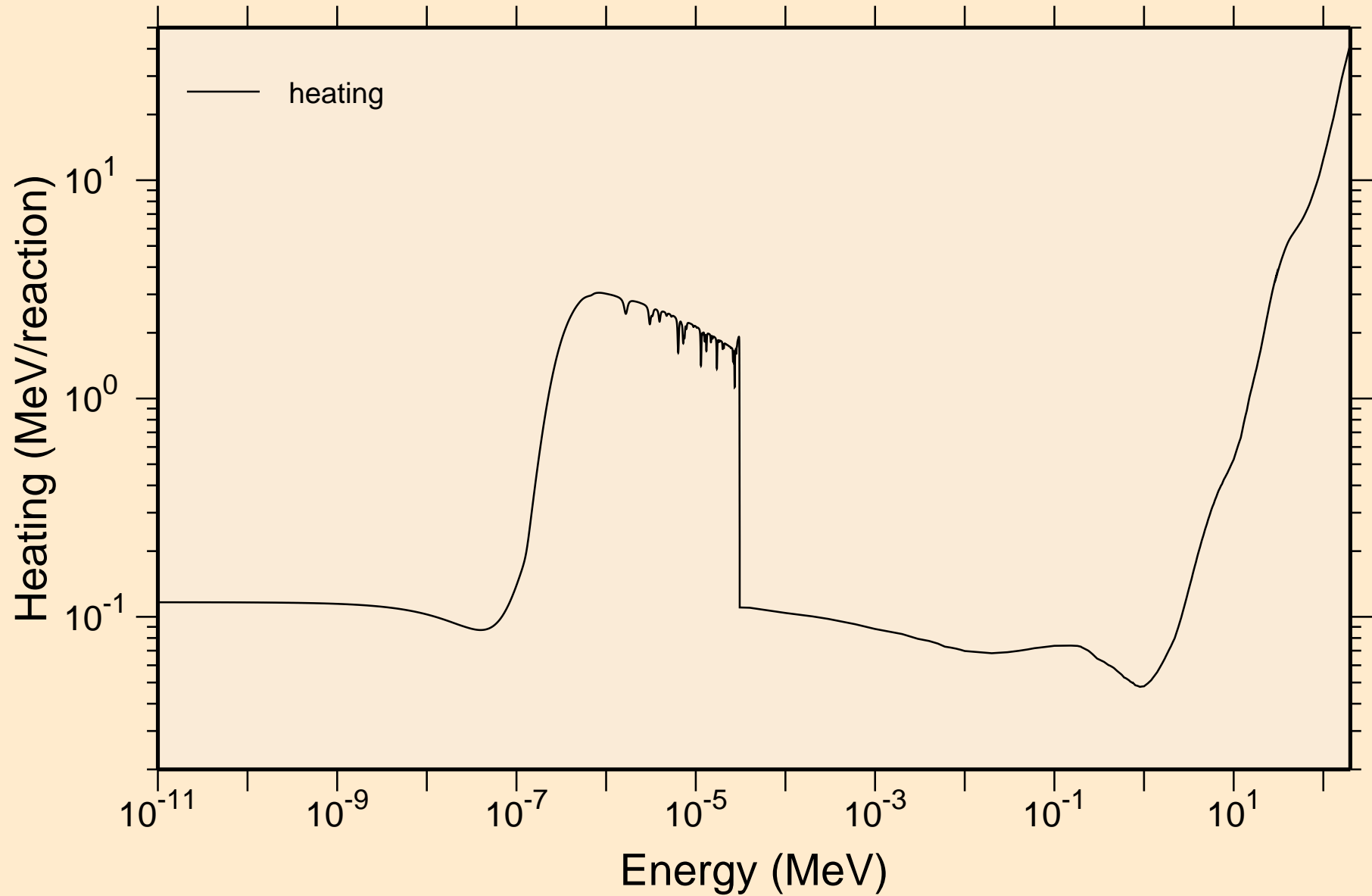




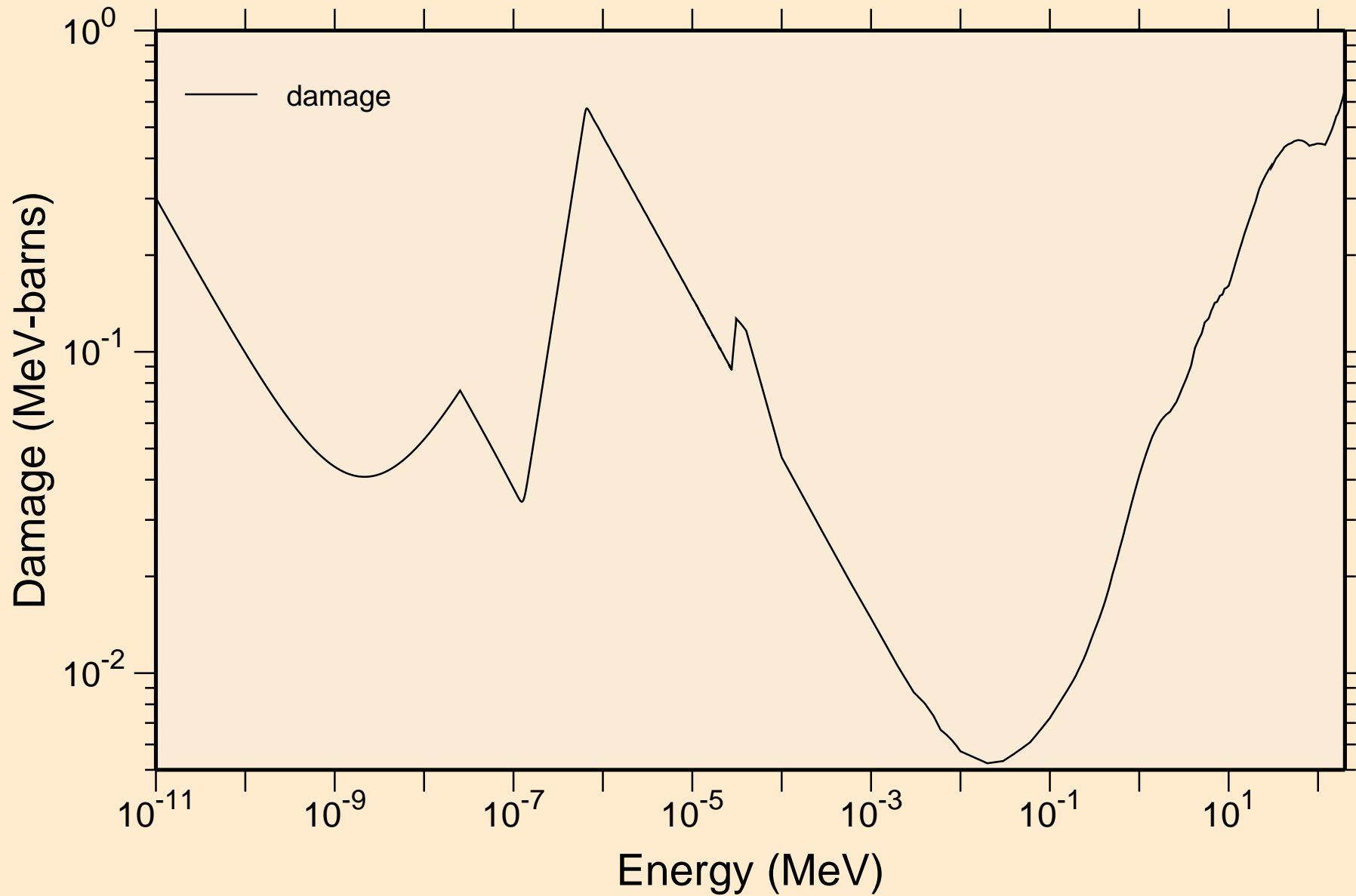
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



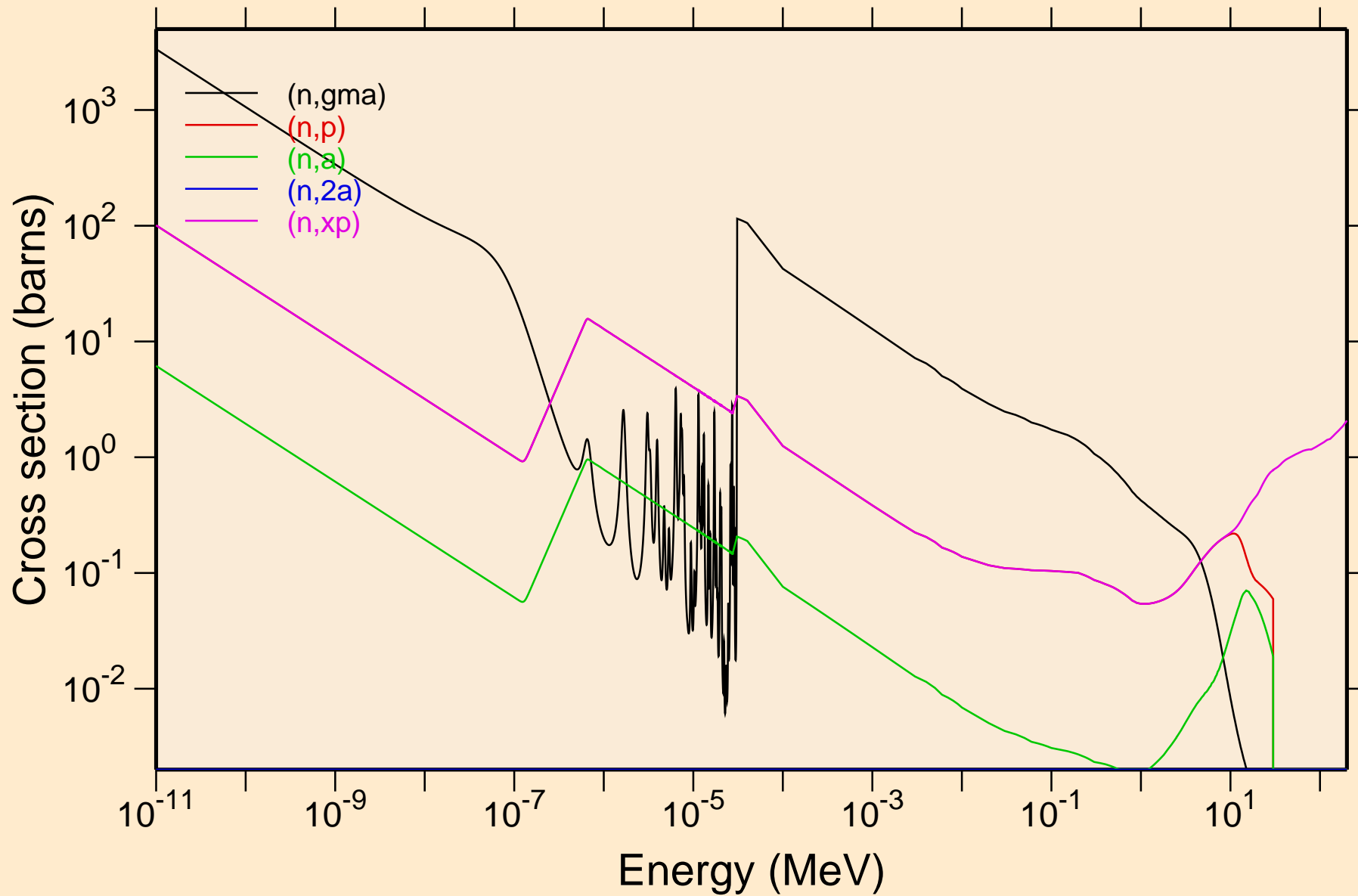
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



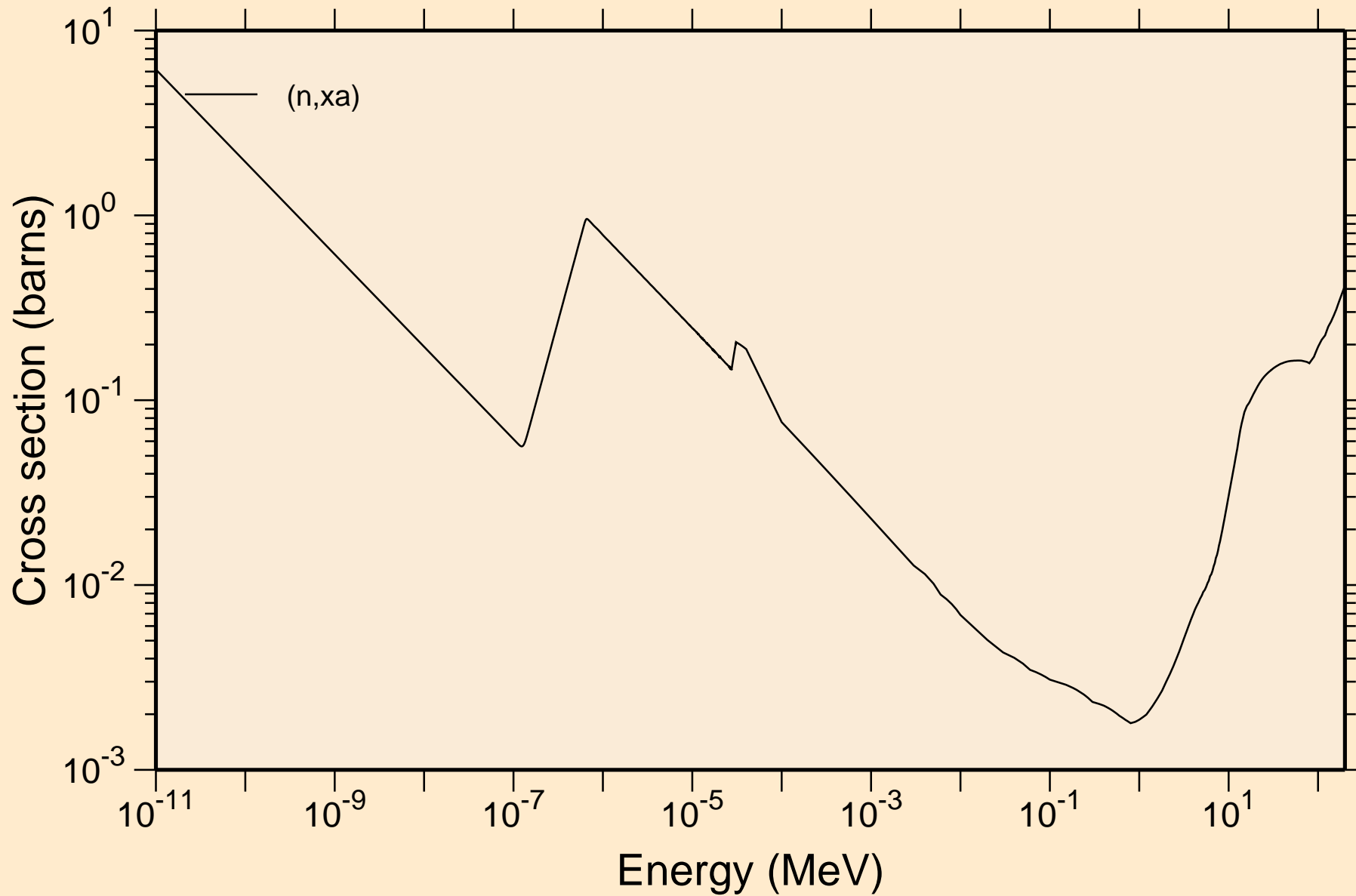
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



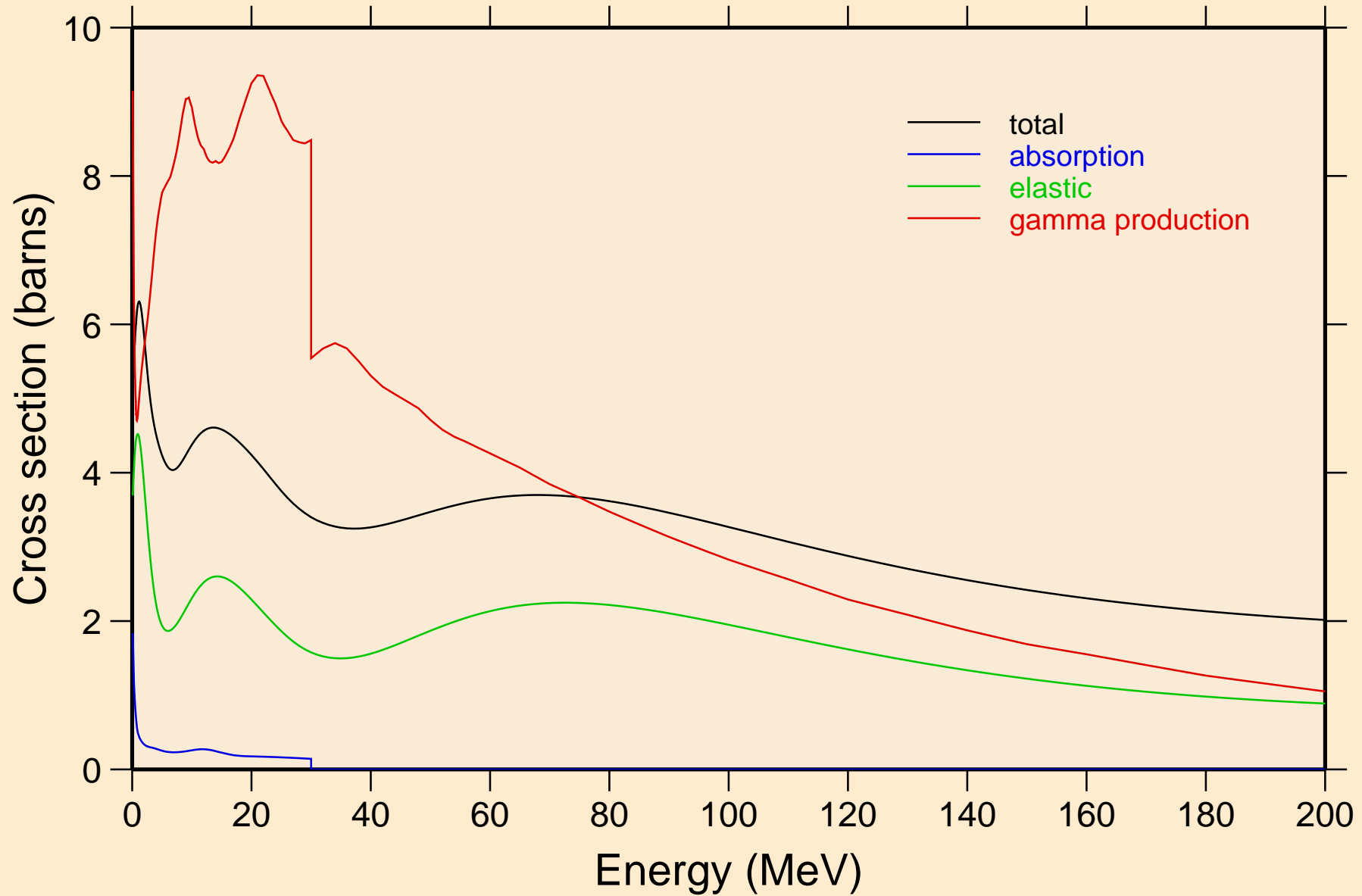
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

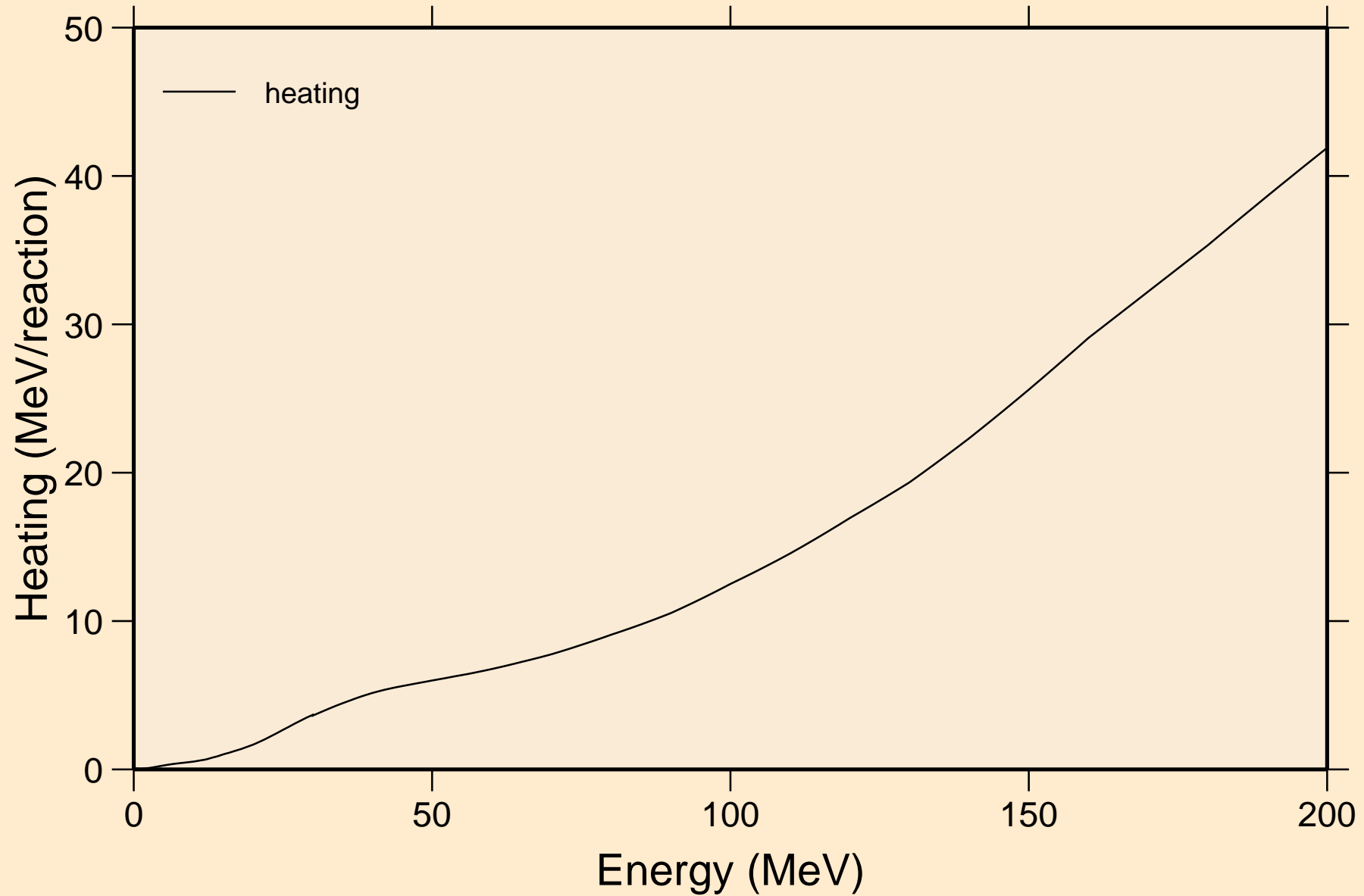


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

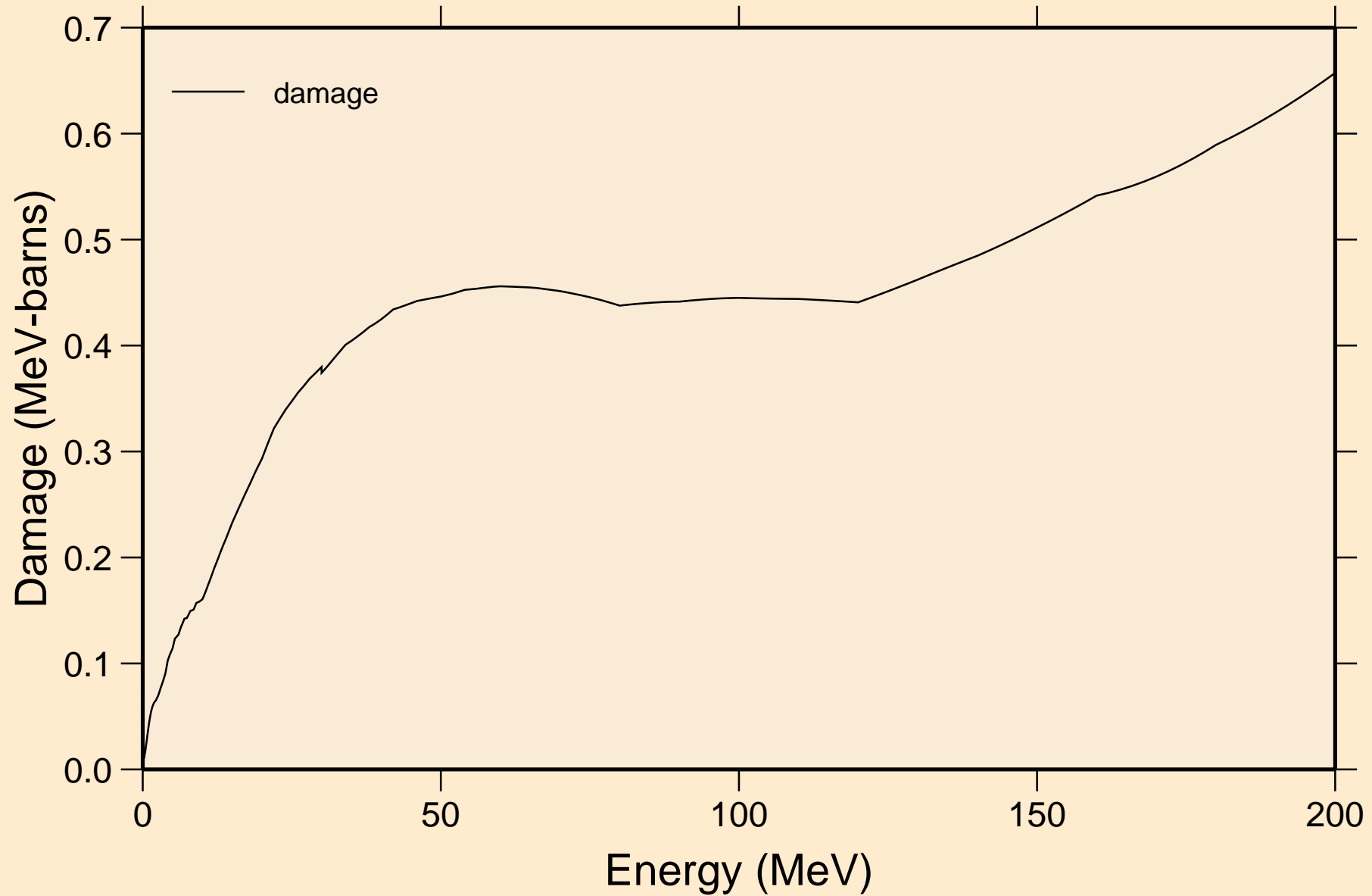


# XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

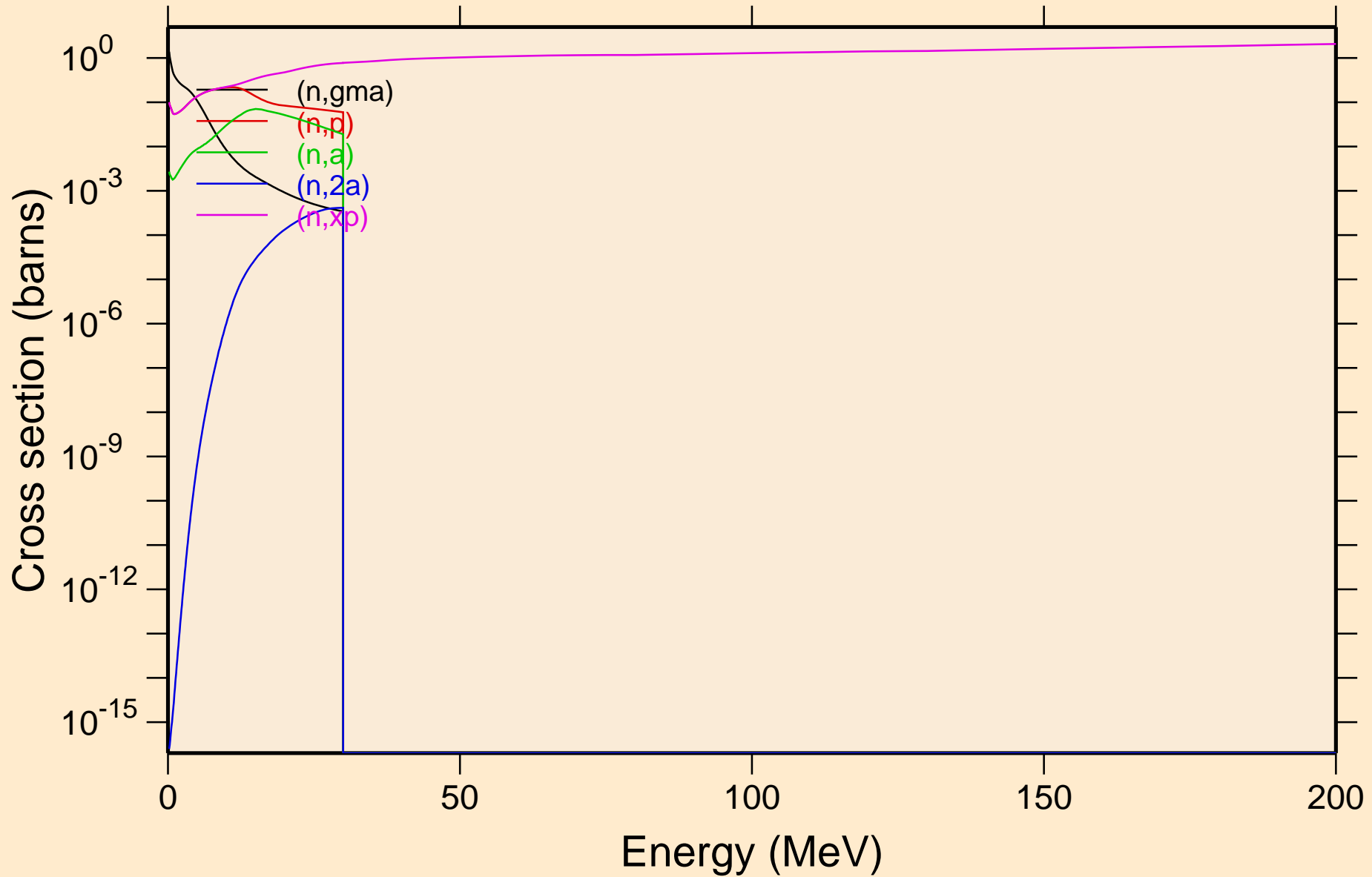


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

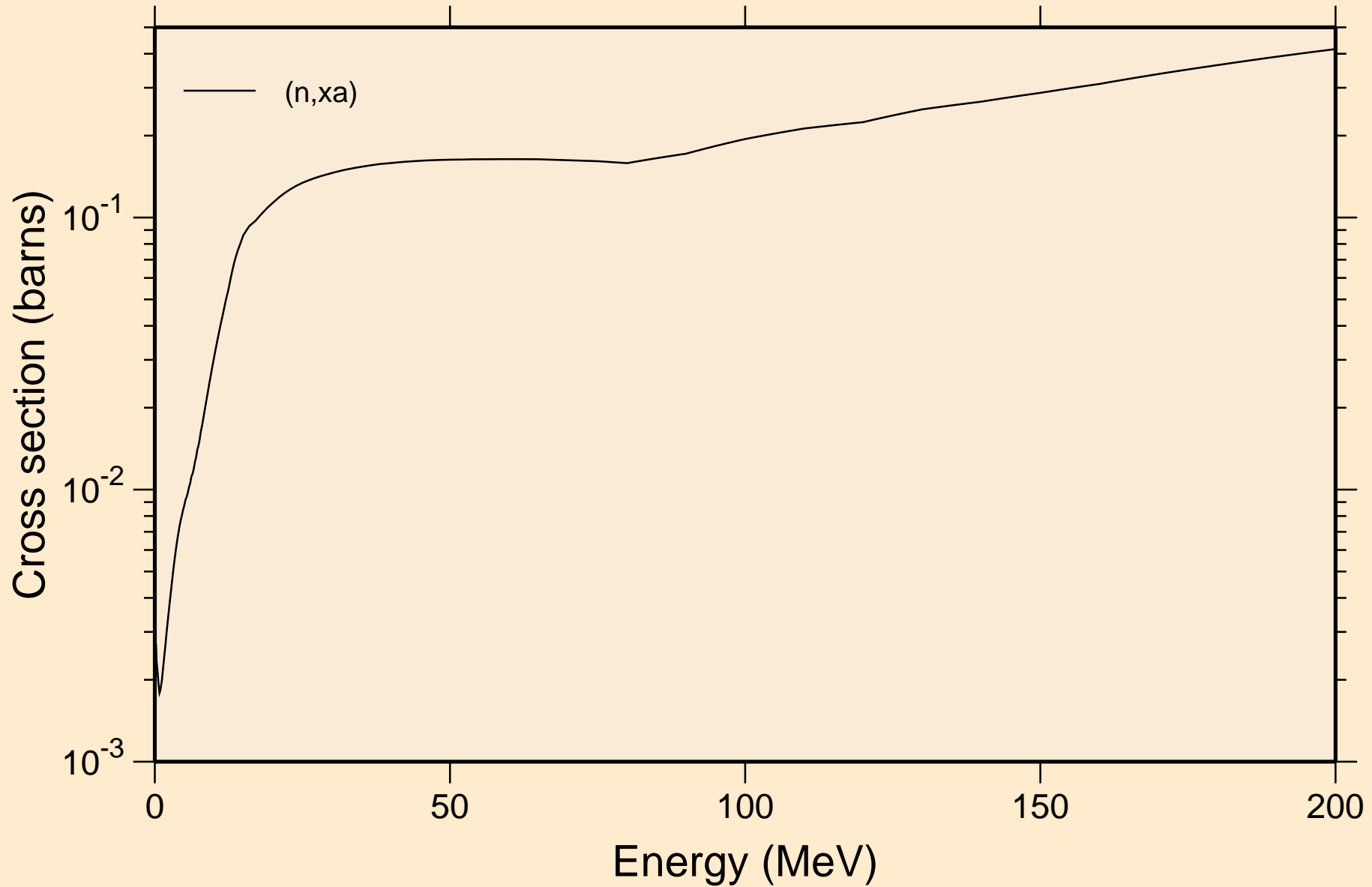




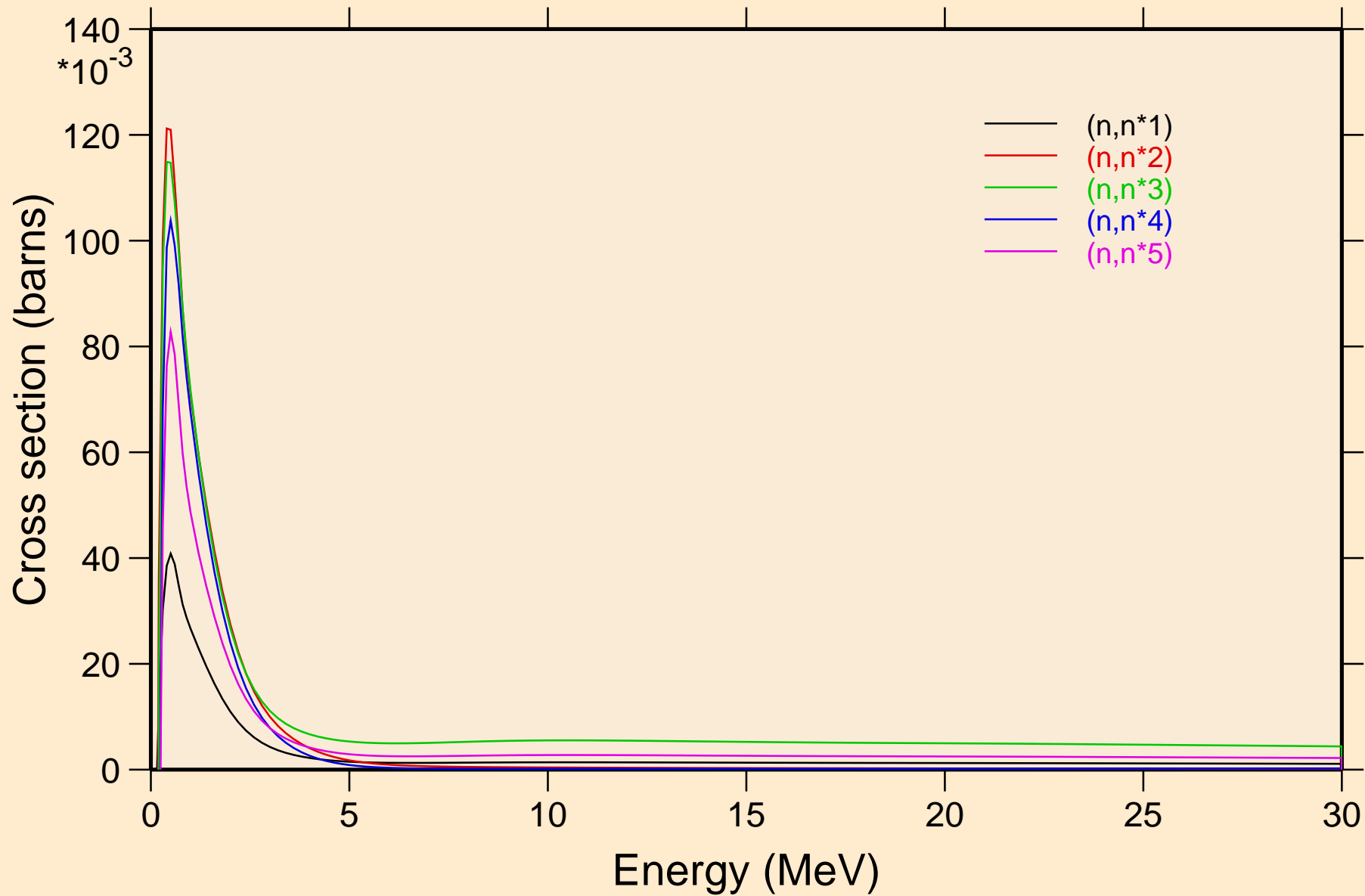
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



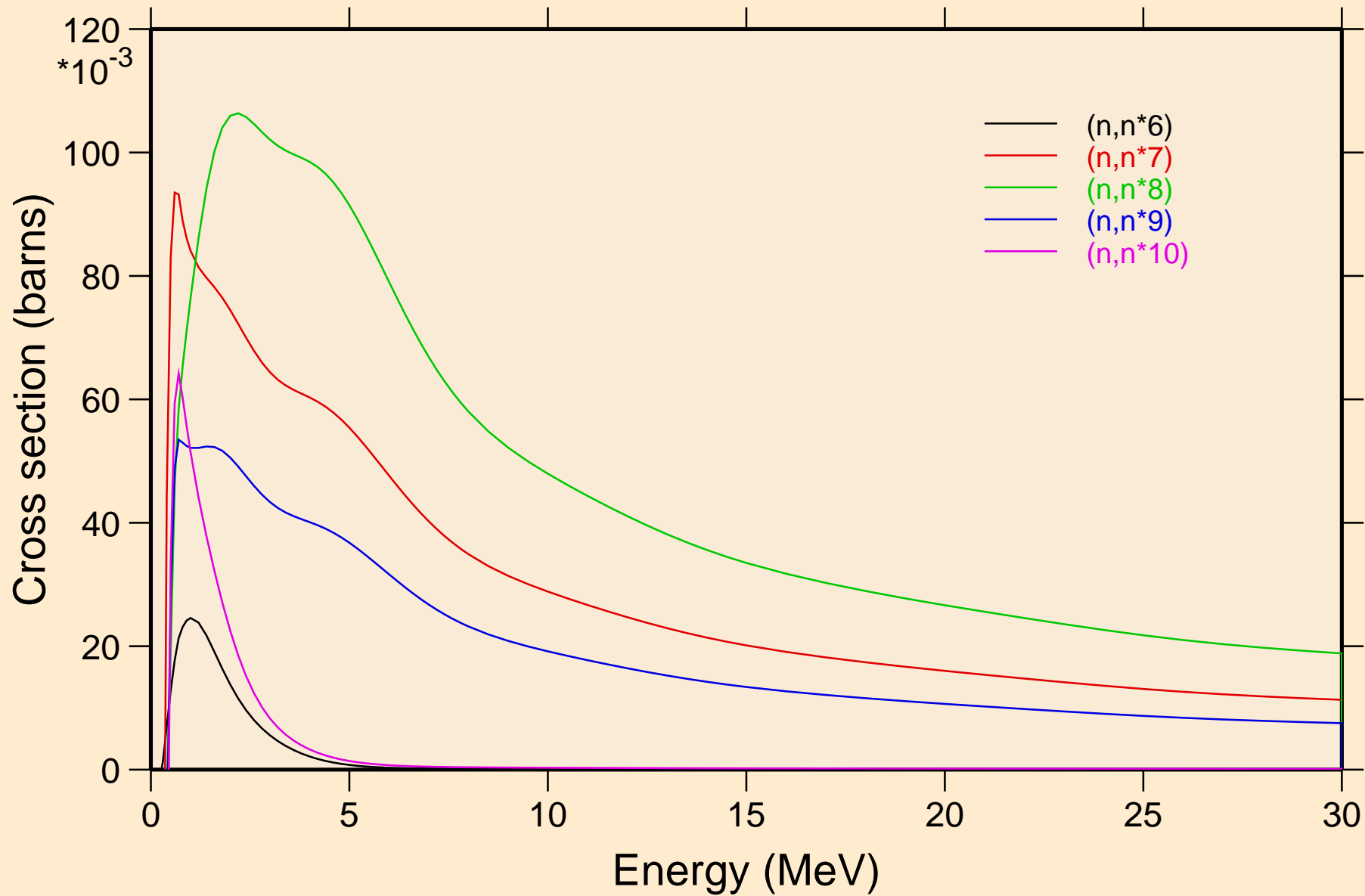
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



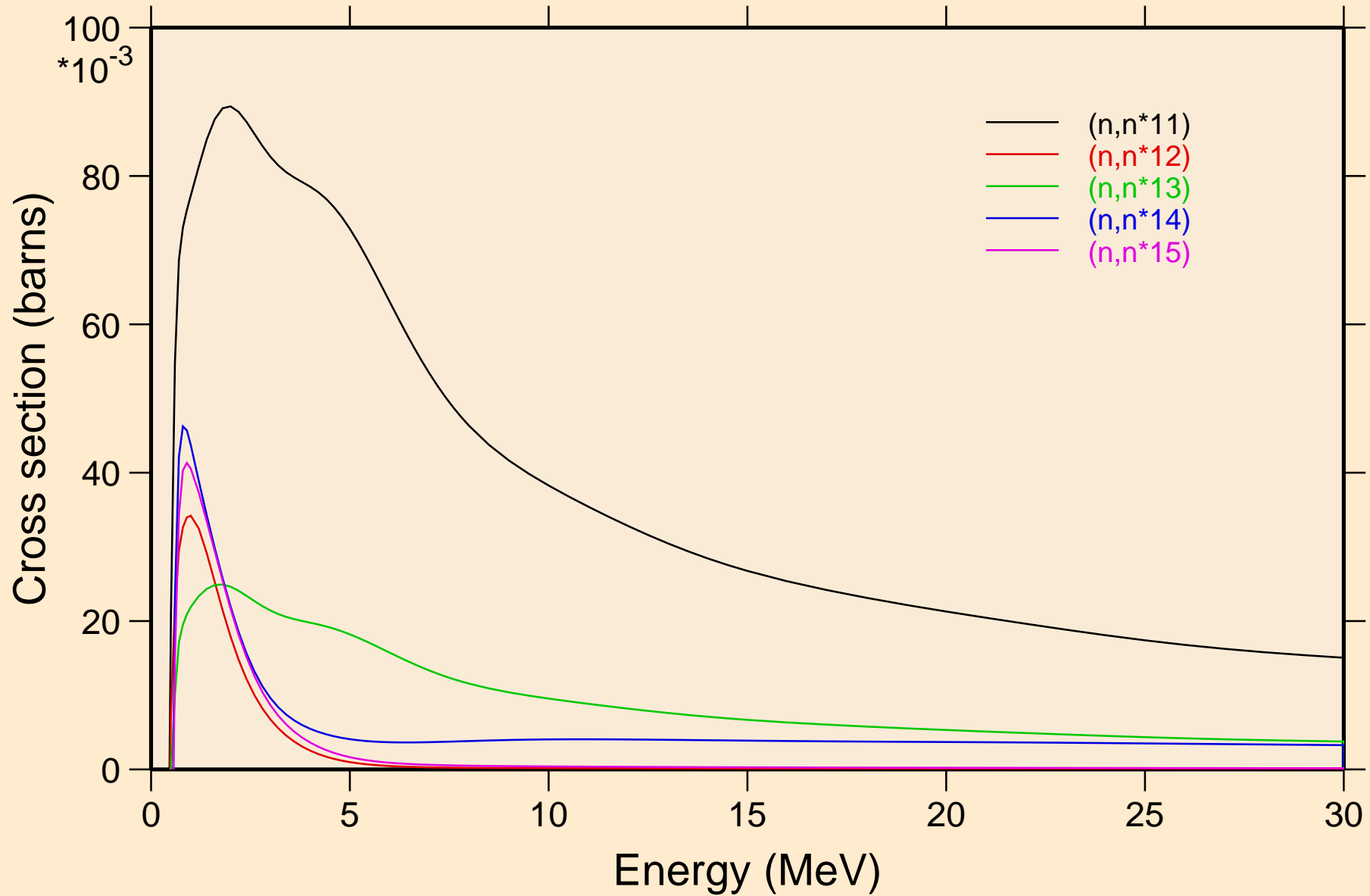
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



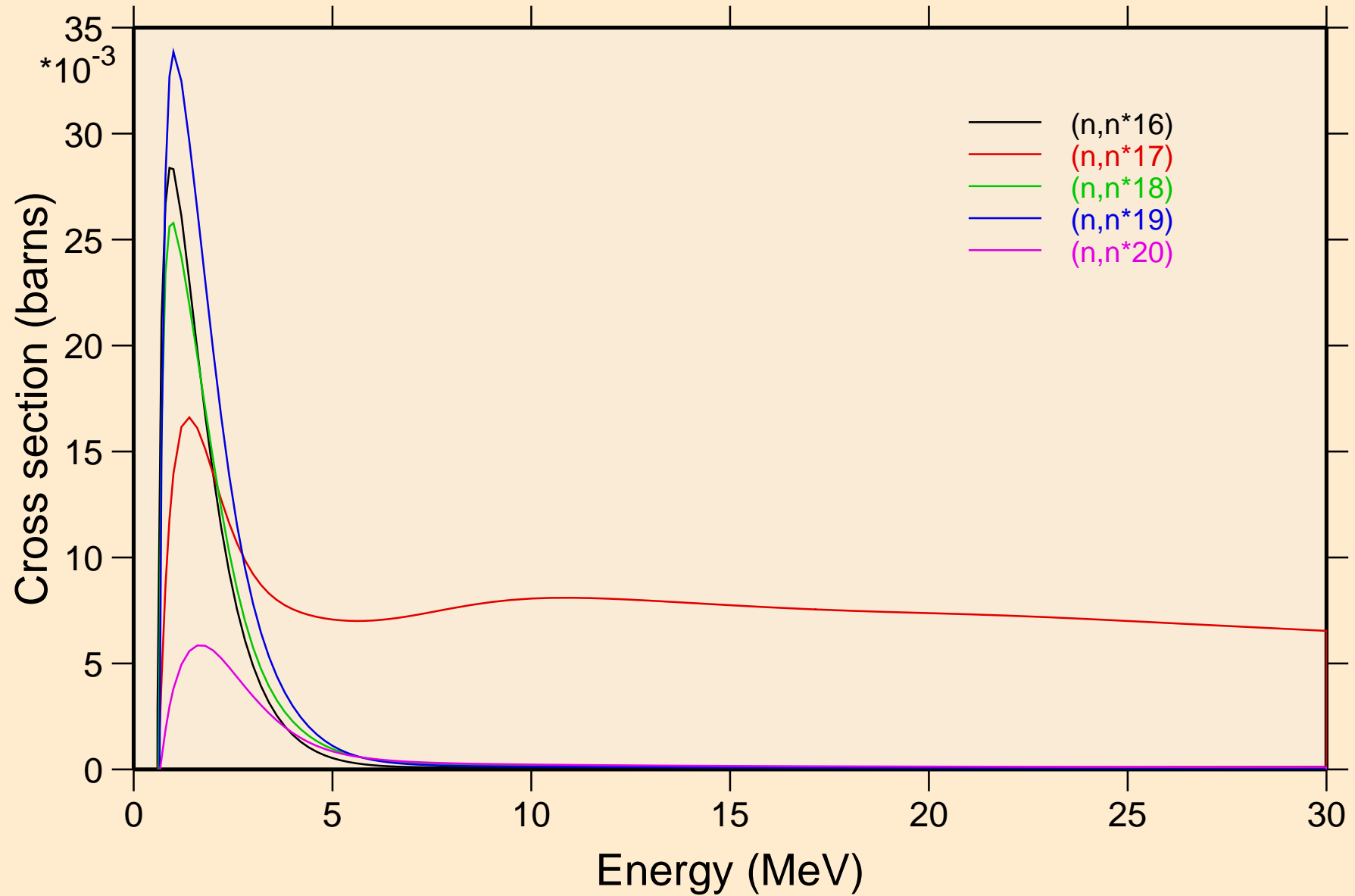
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



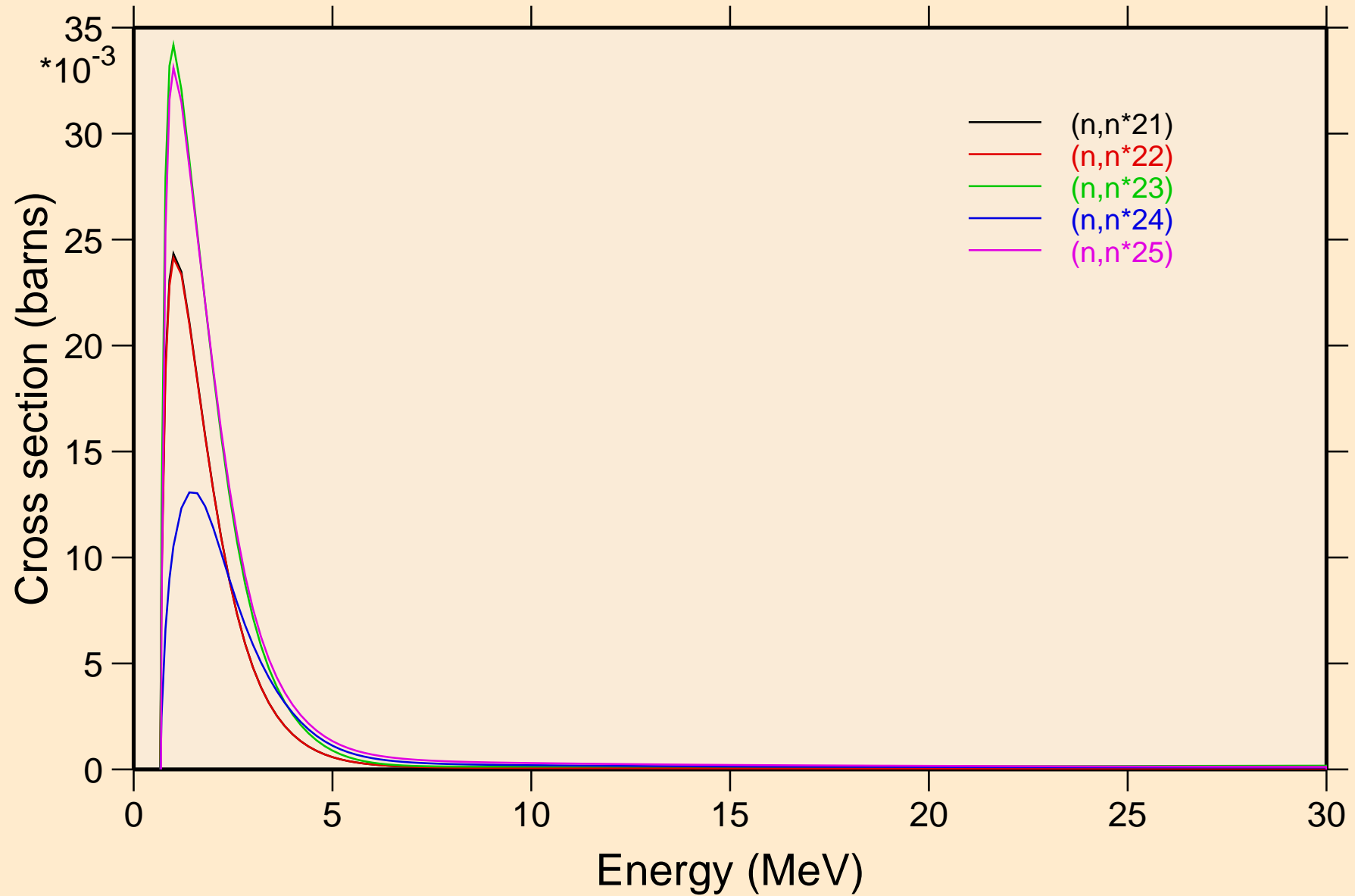
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



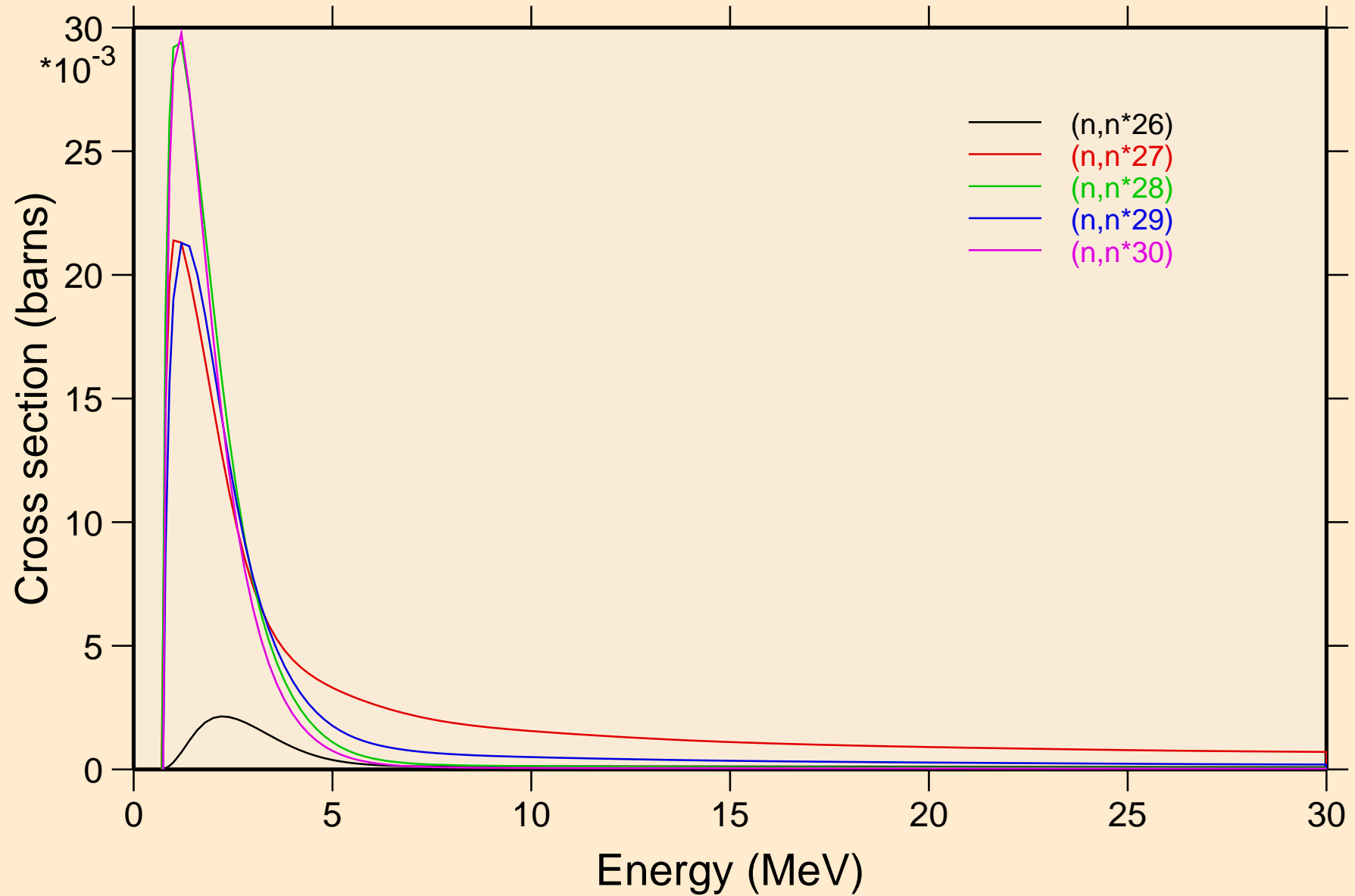
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

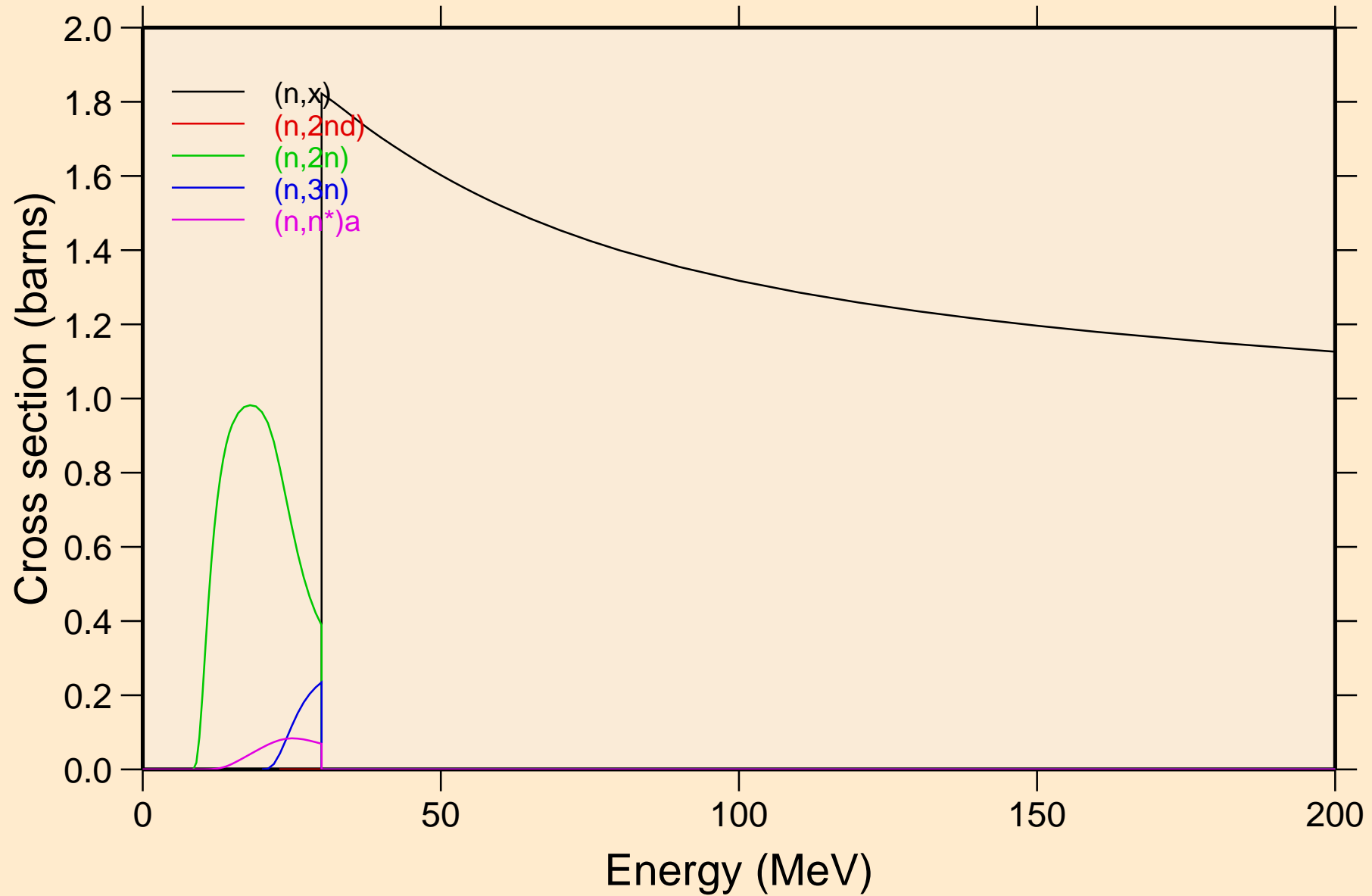


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

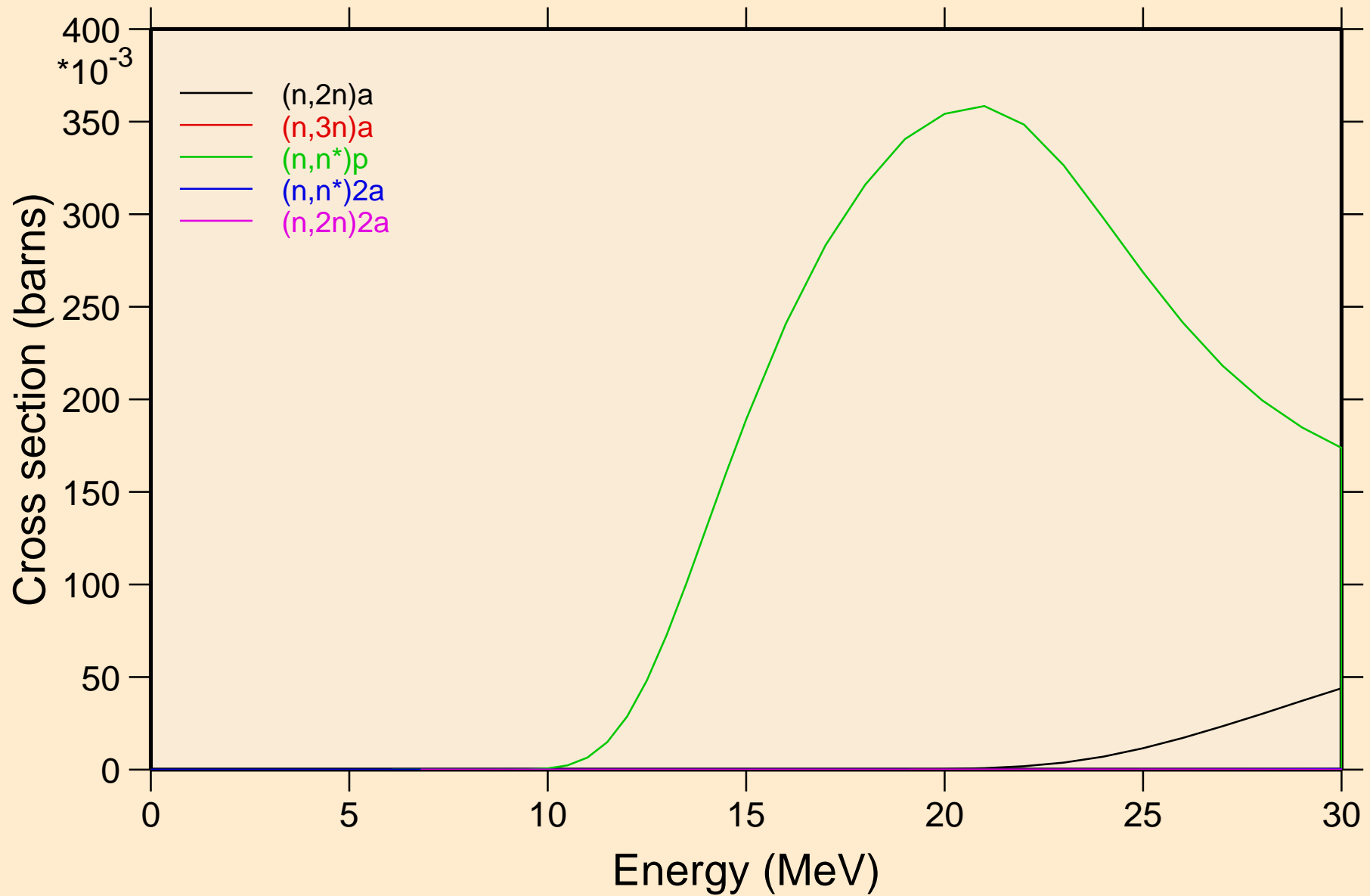




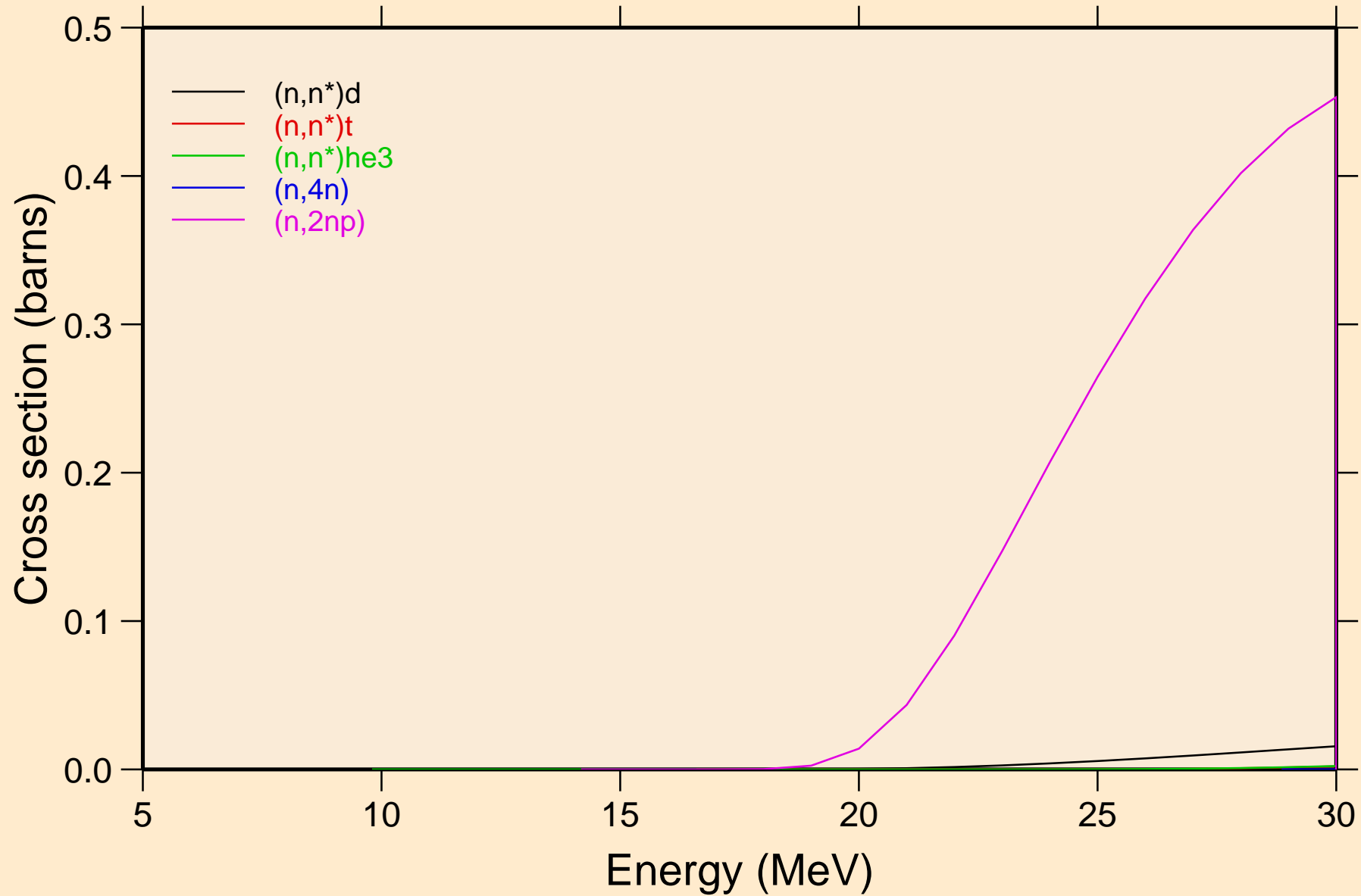
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



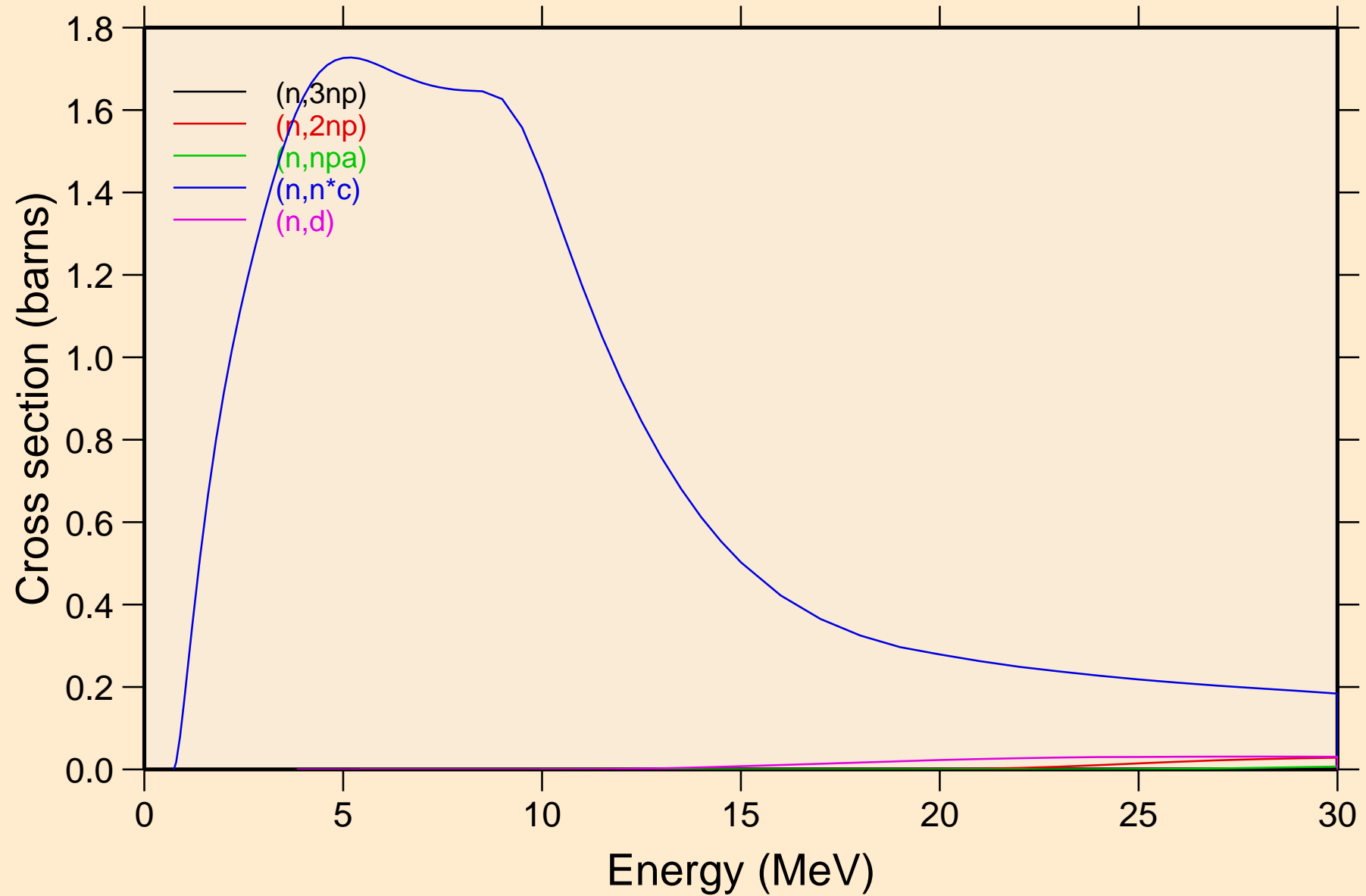
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



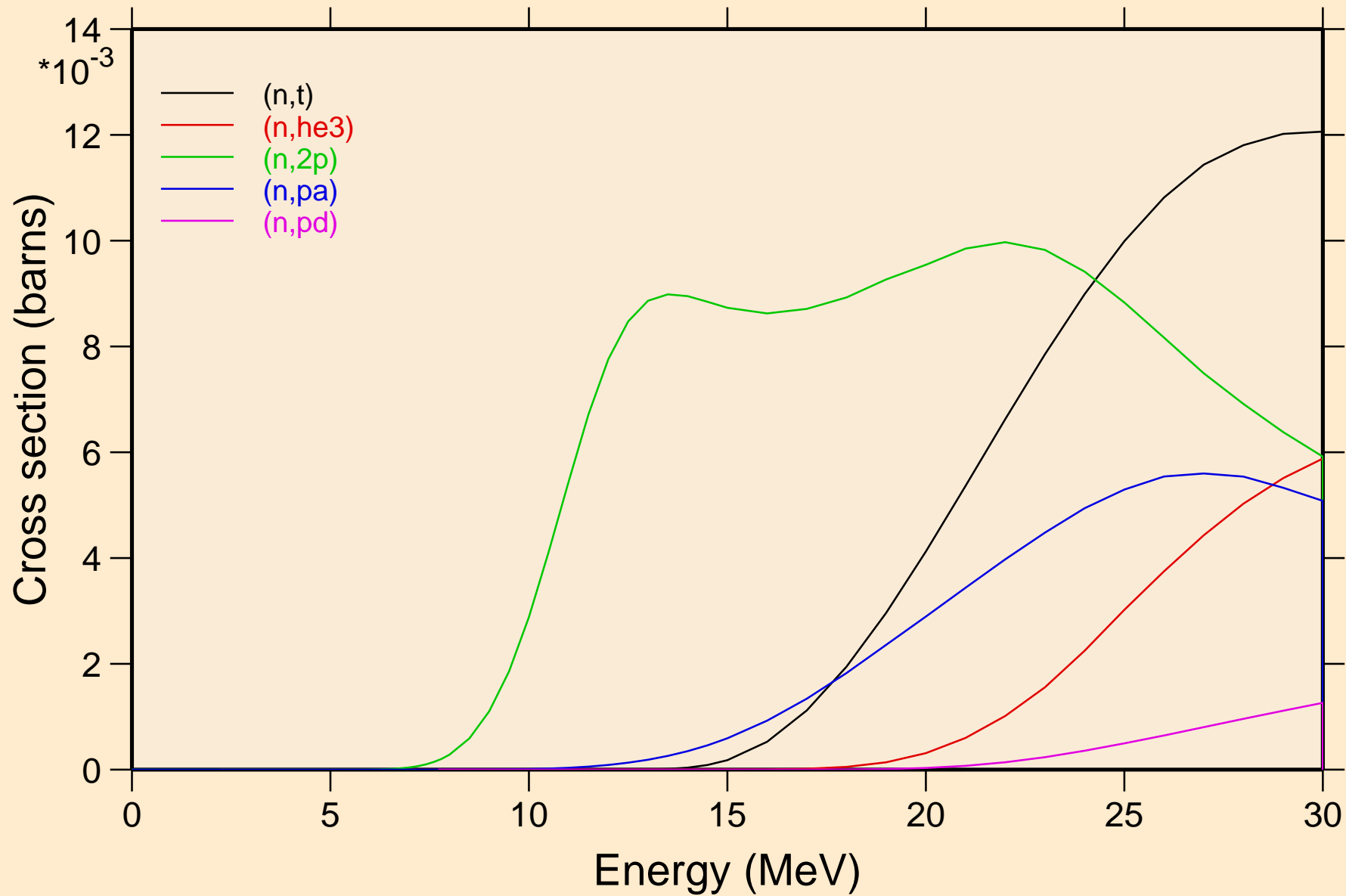
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



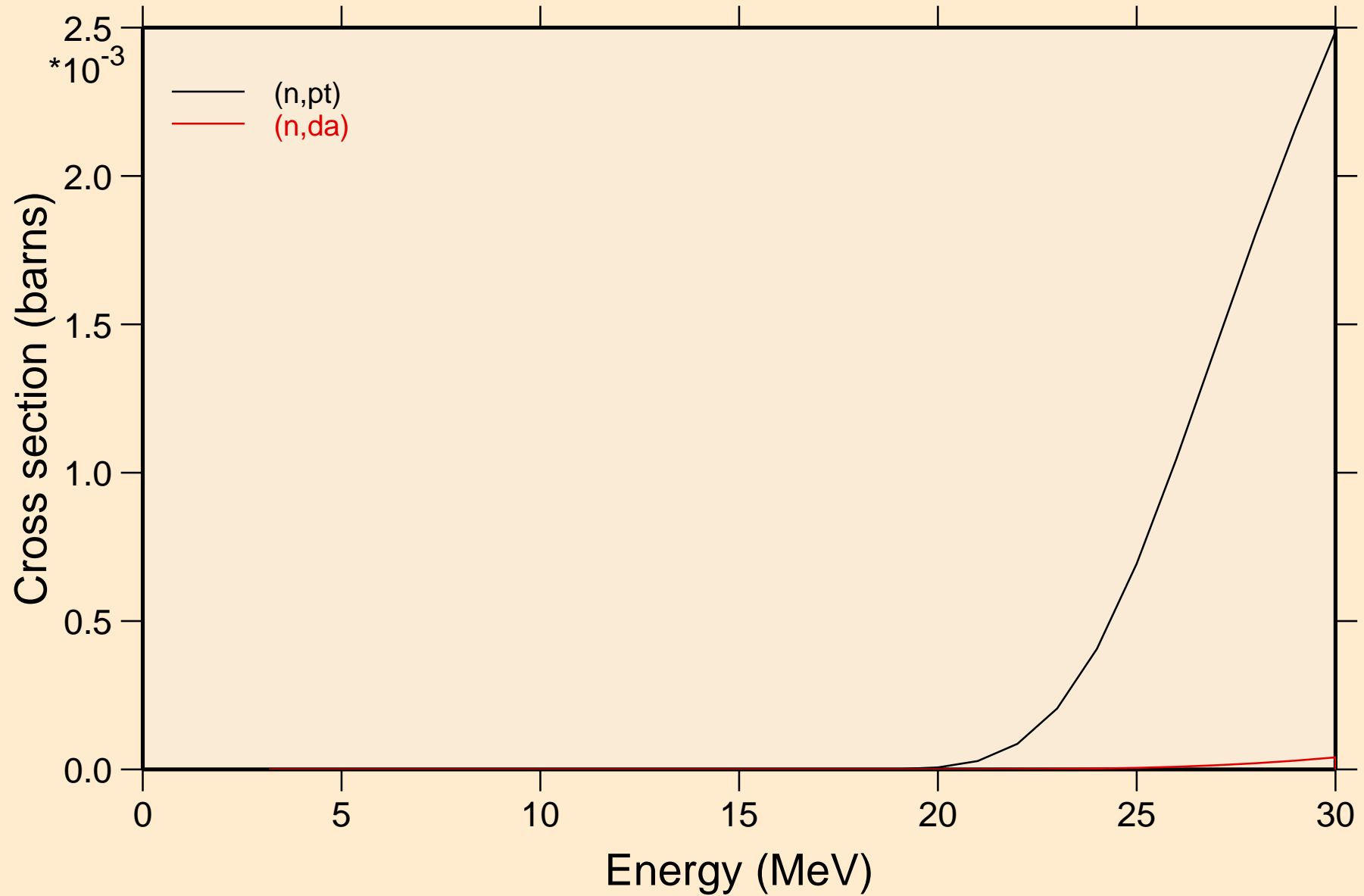
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



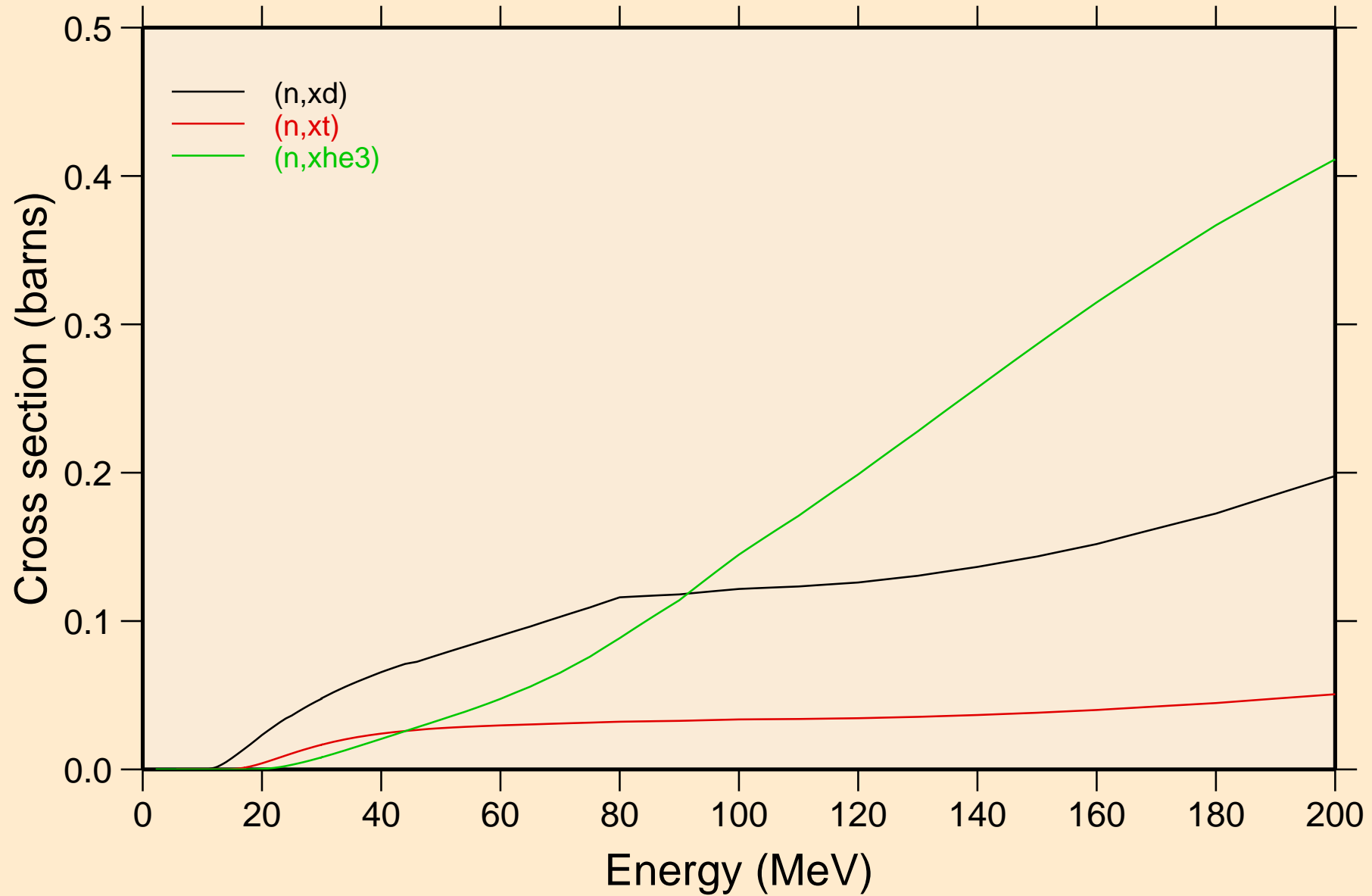
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



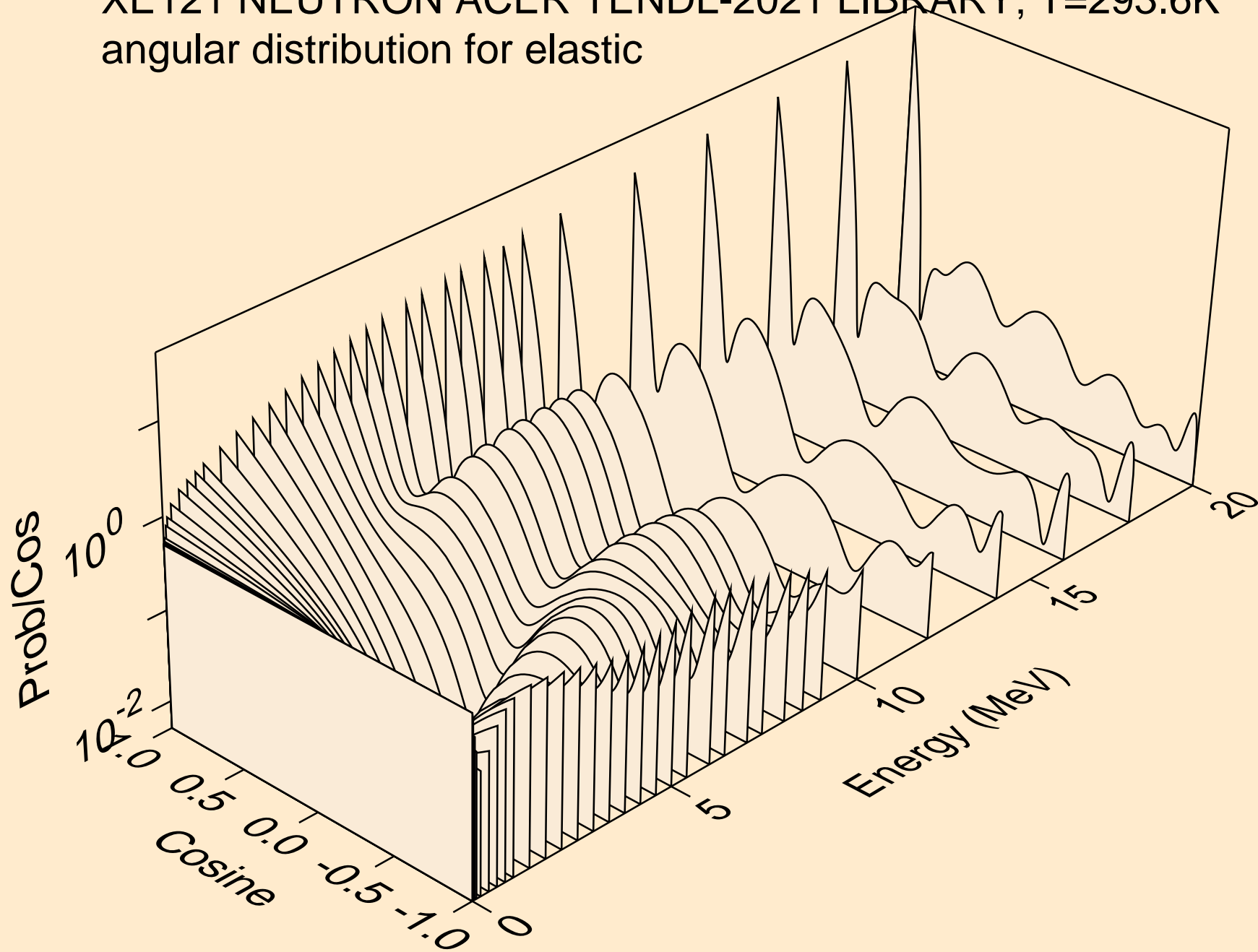
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

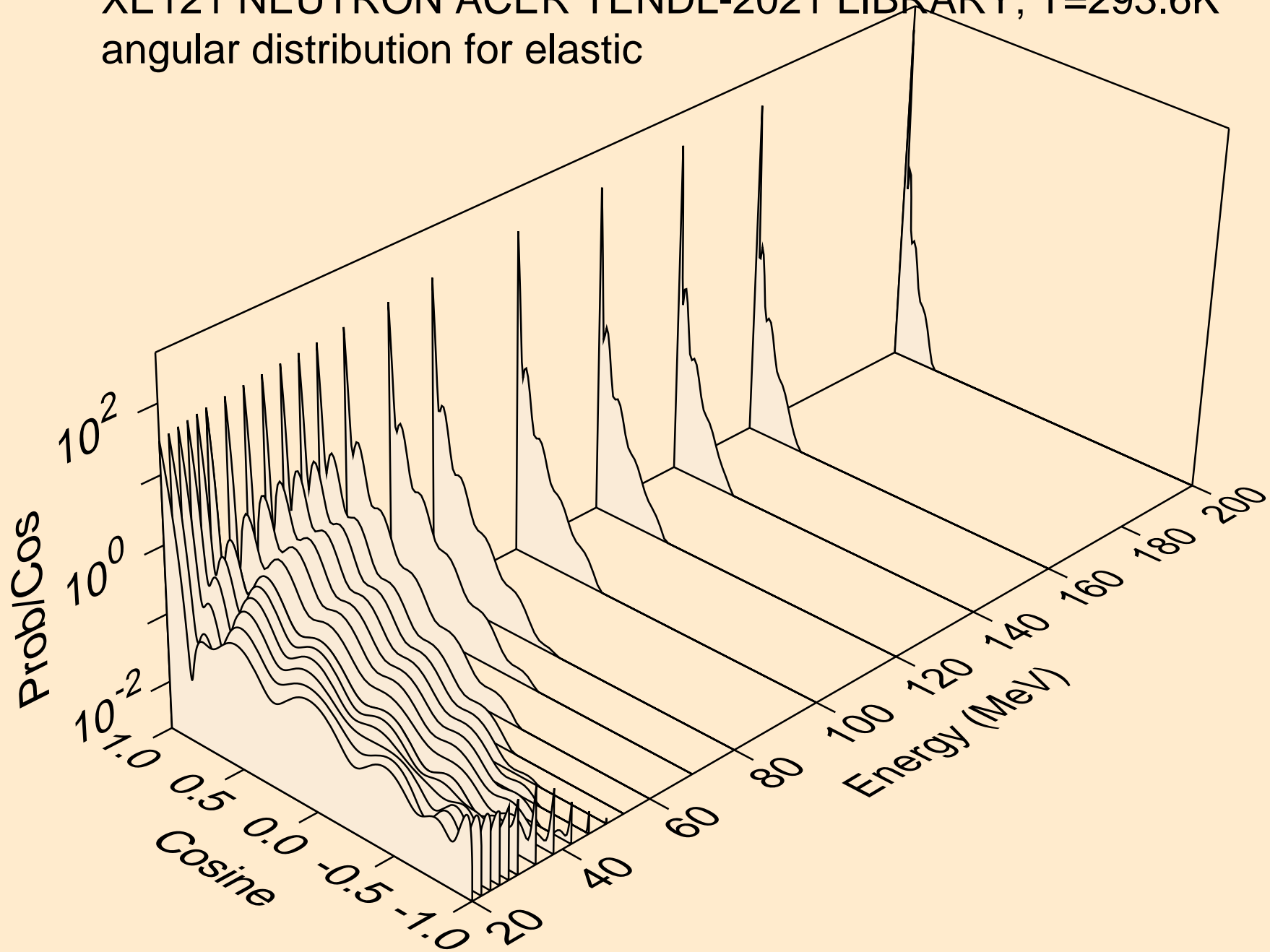


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

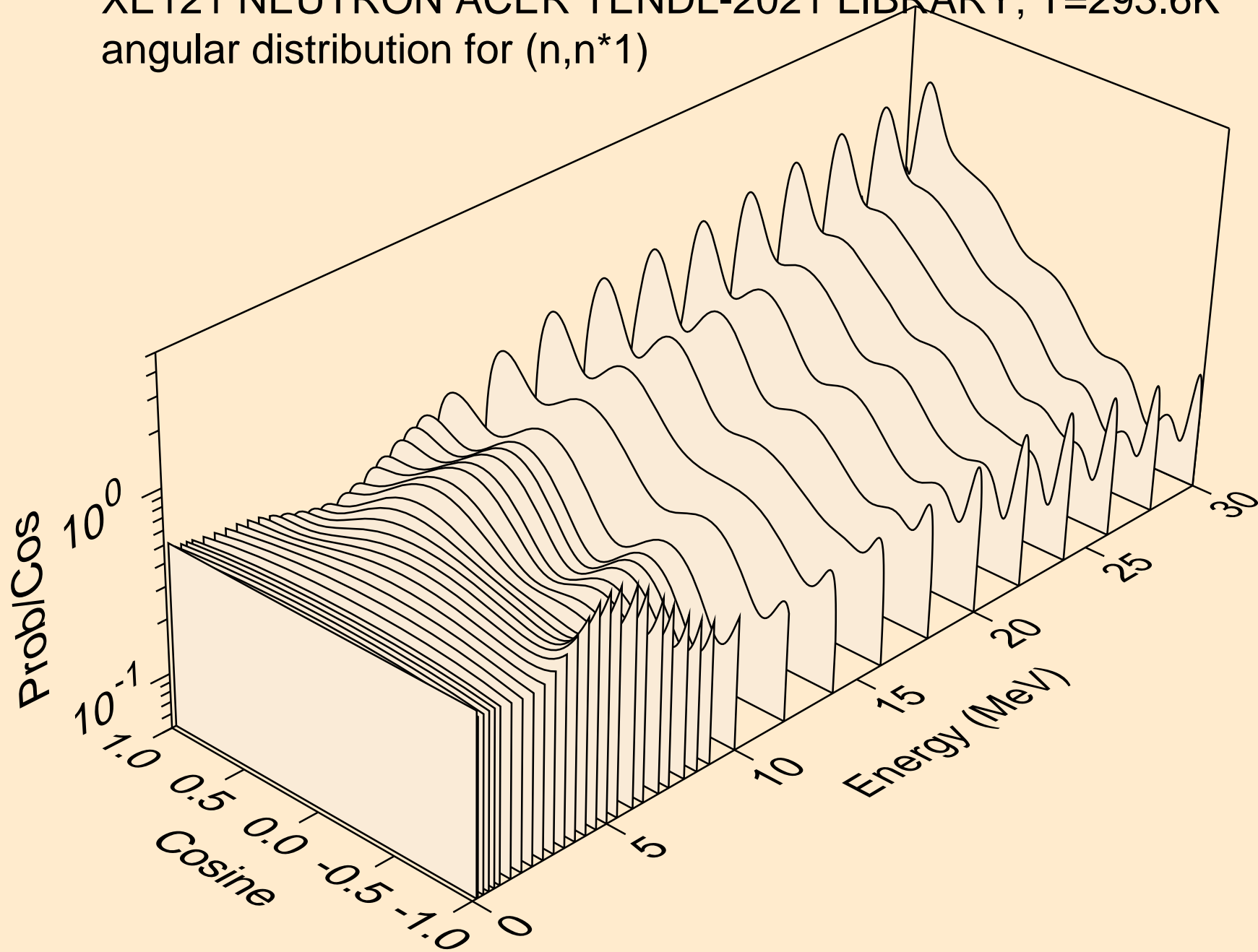




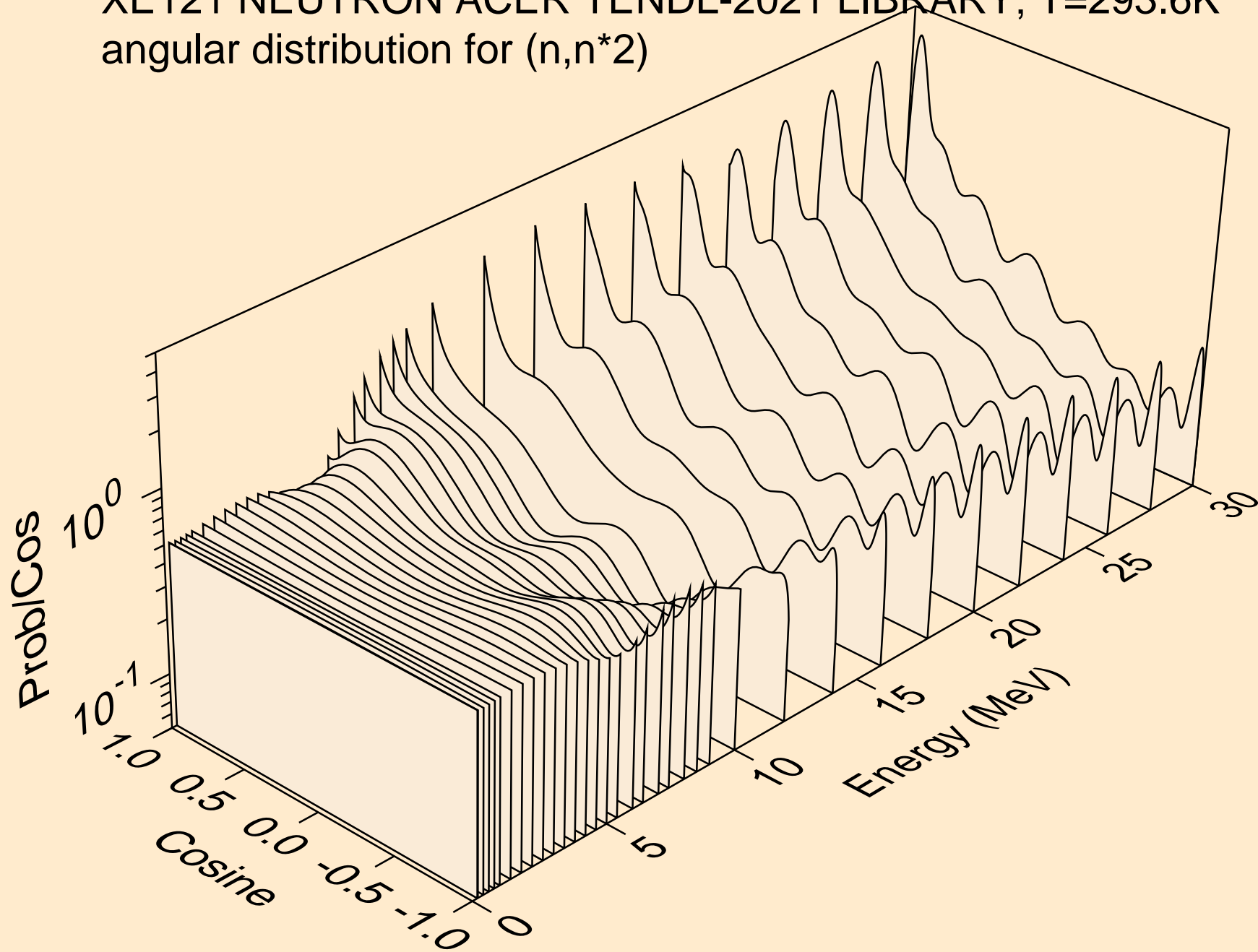
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



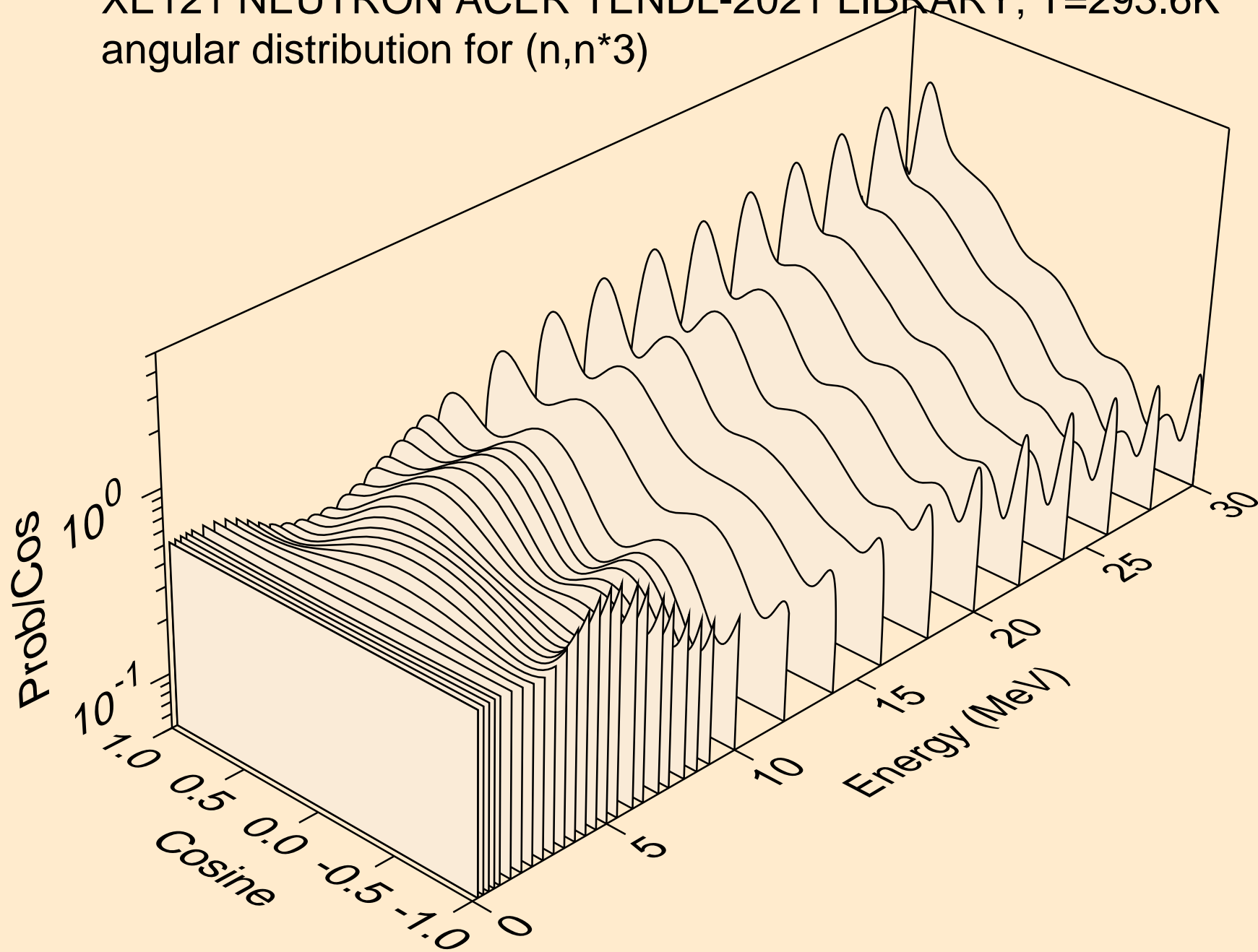
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



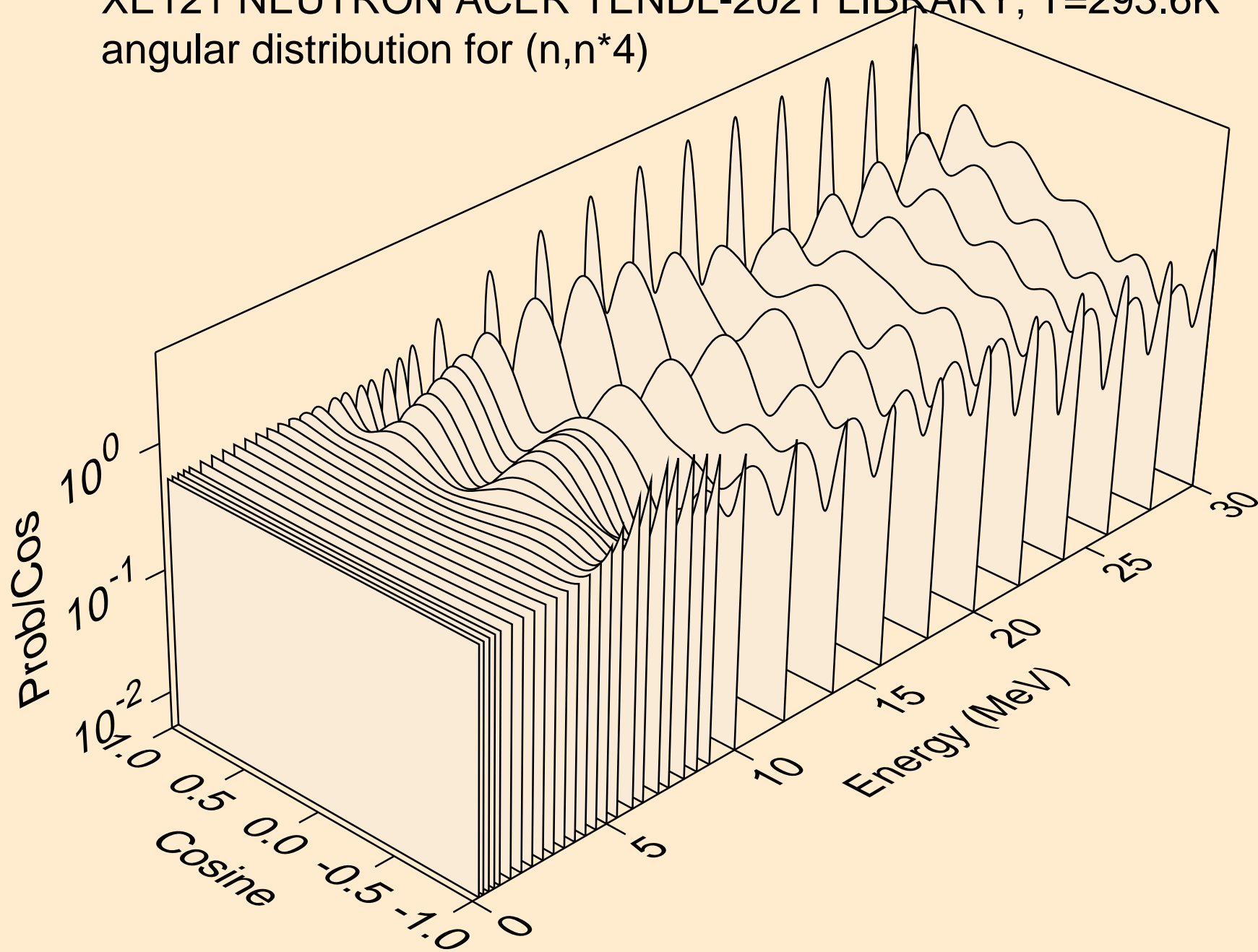
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



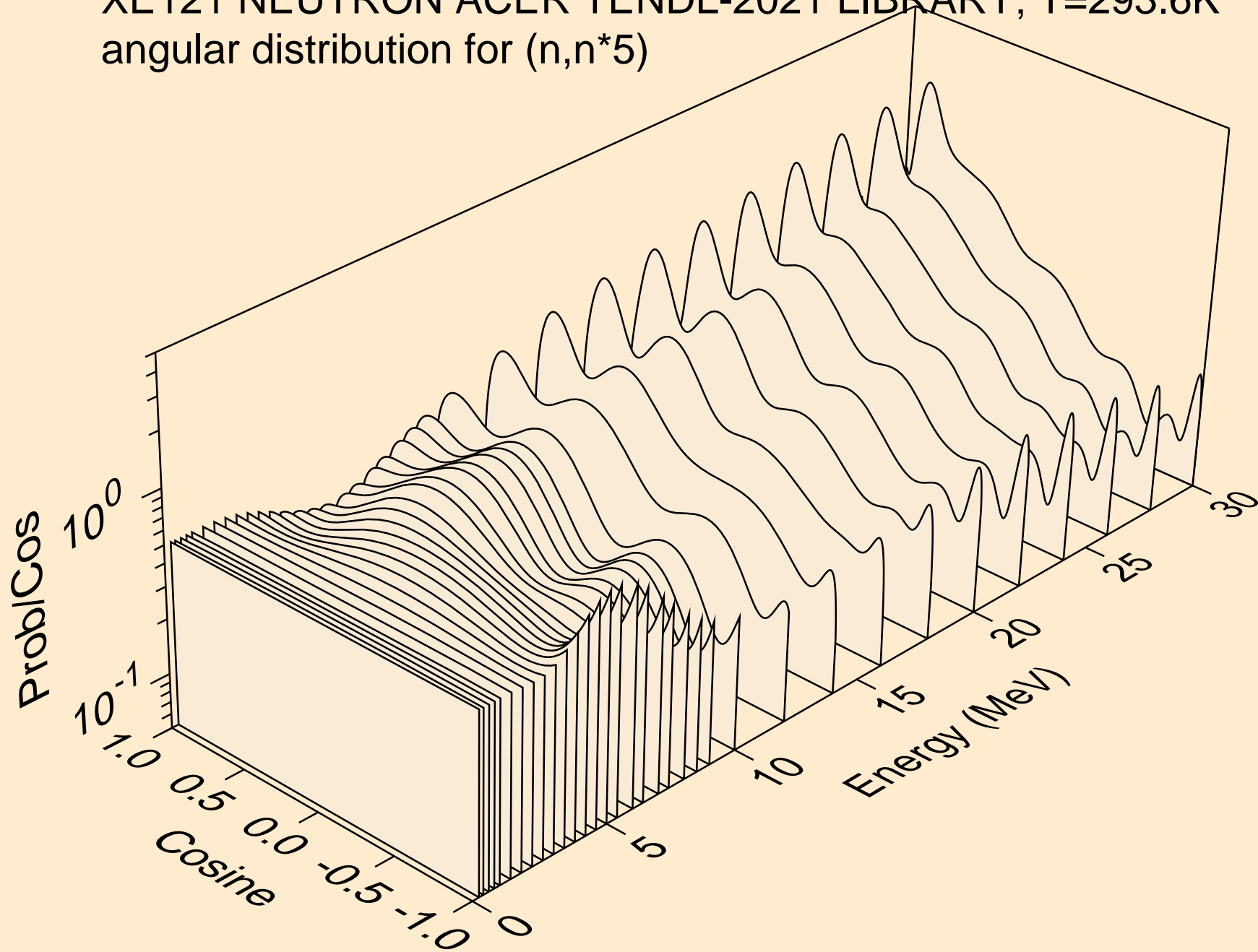
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



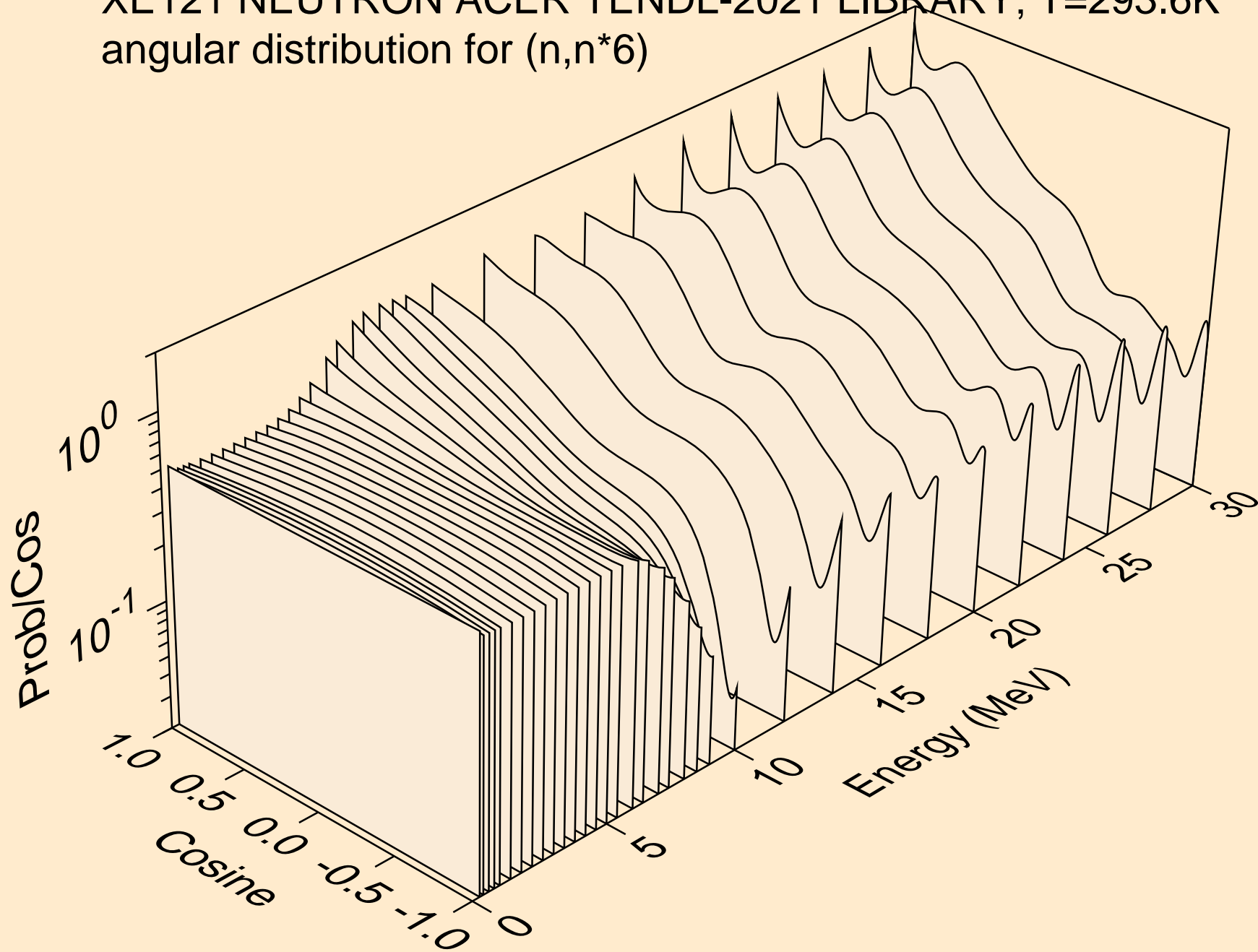
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



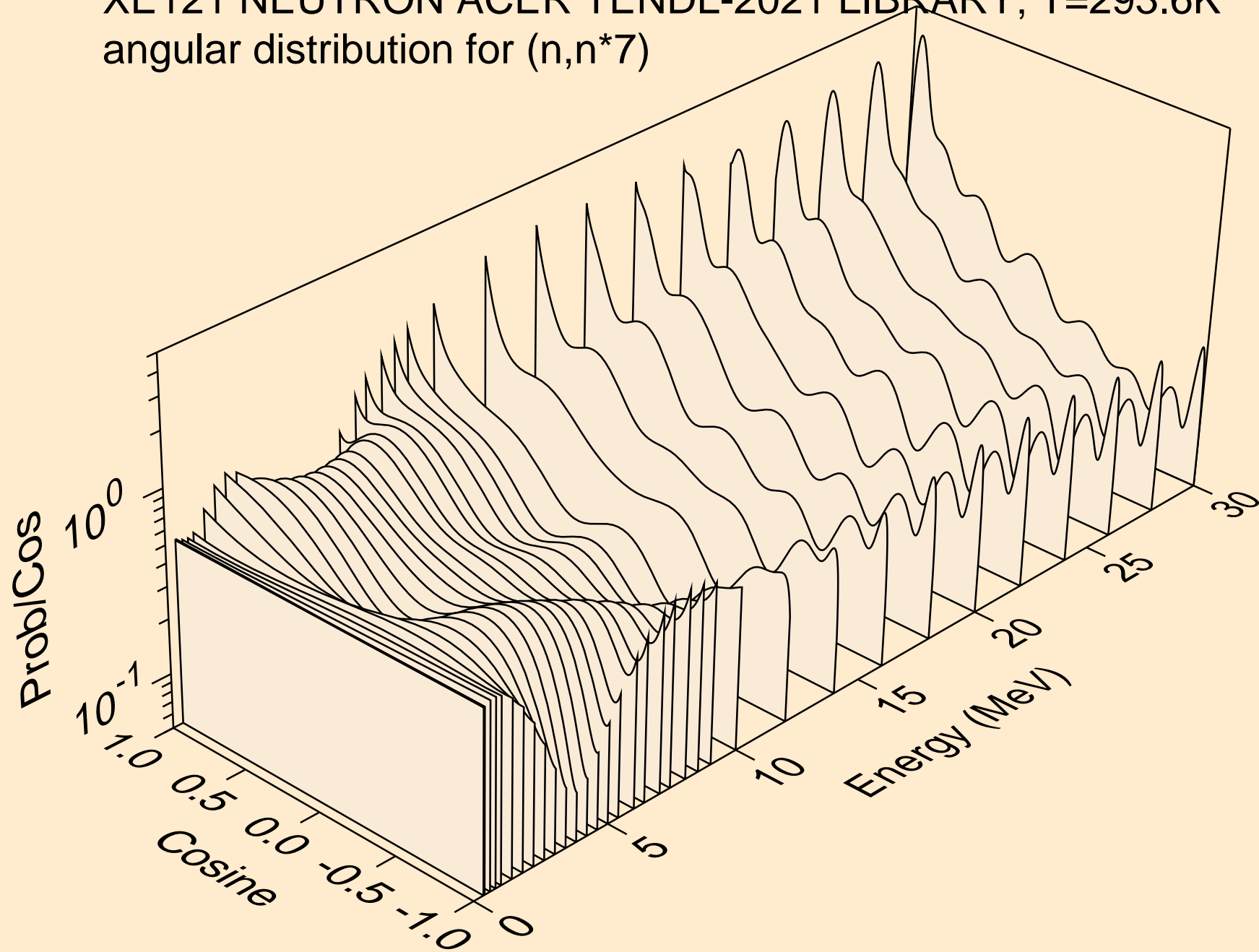
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

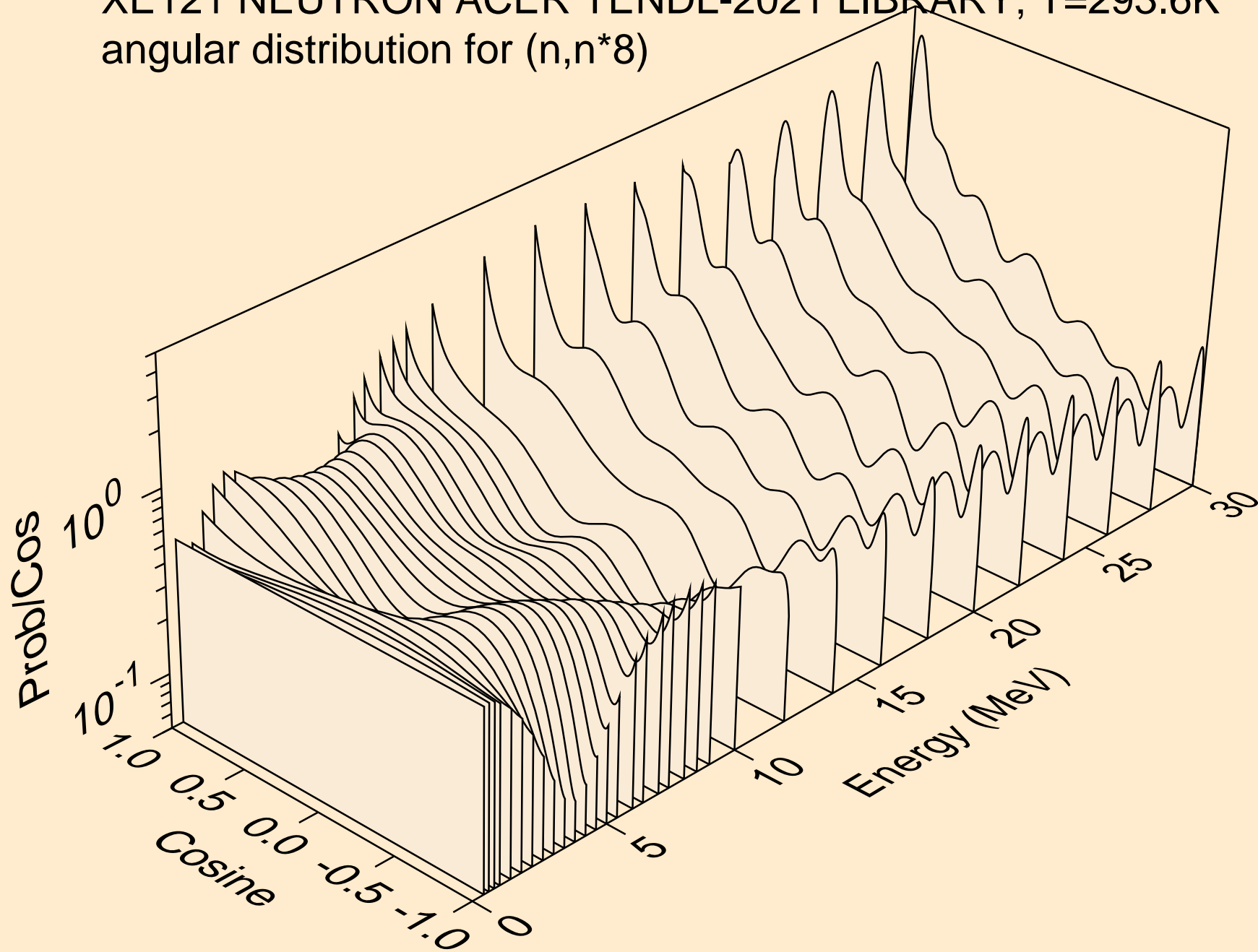


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

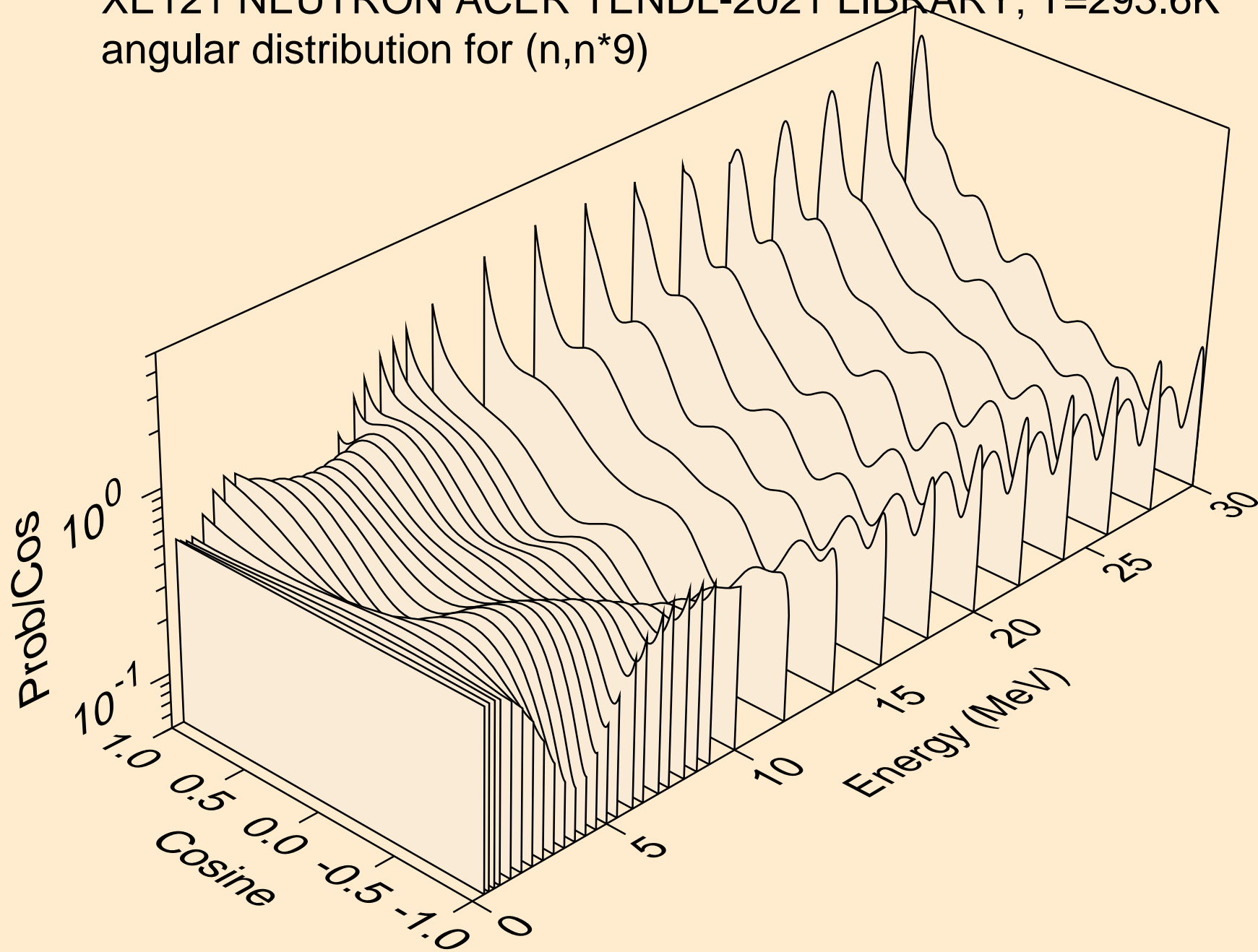




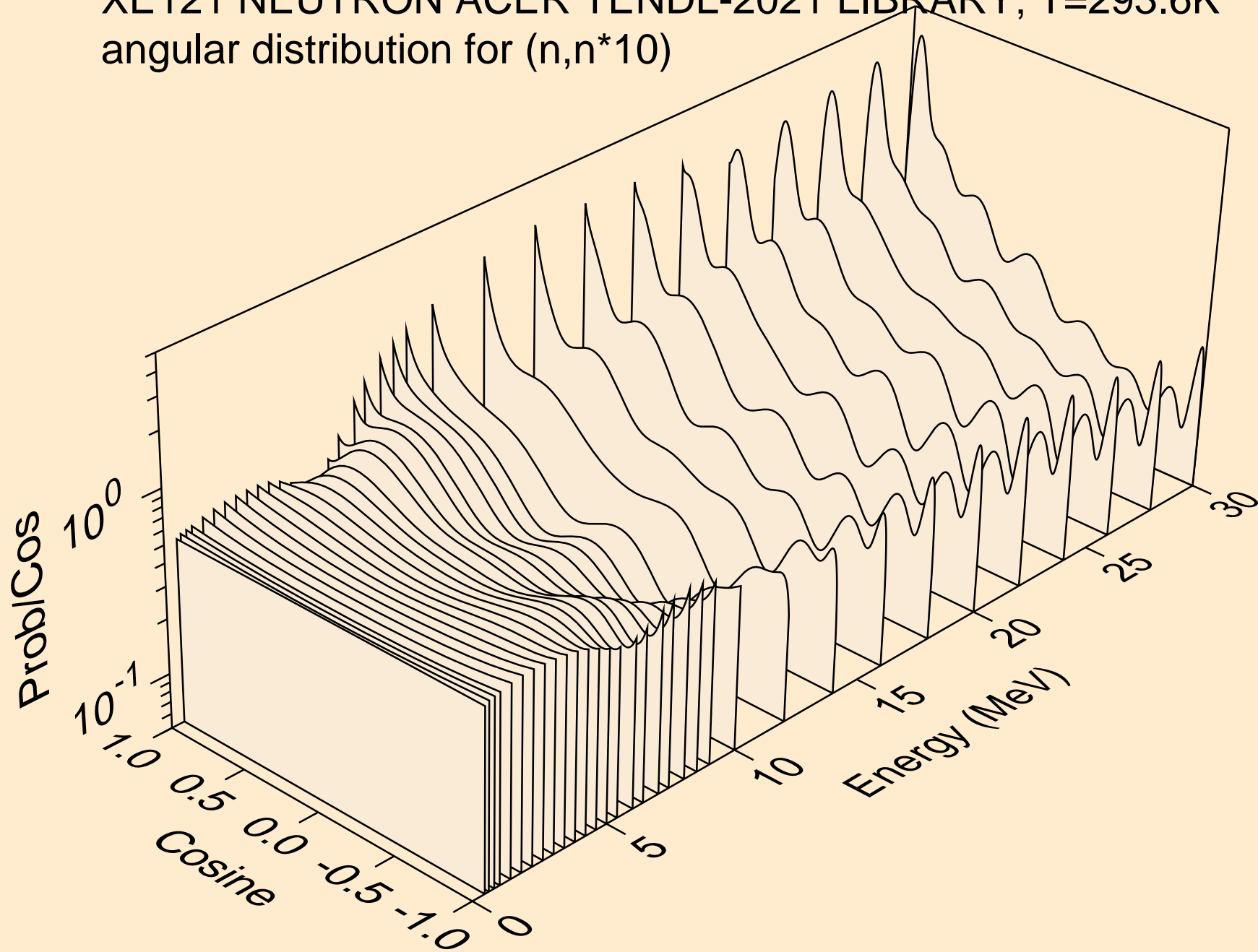
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



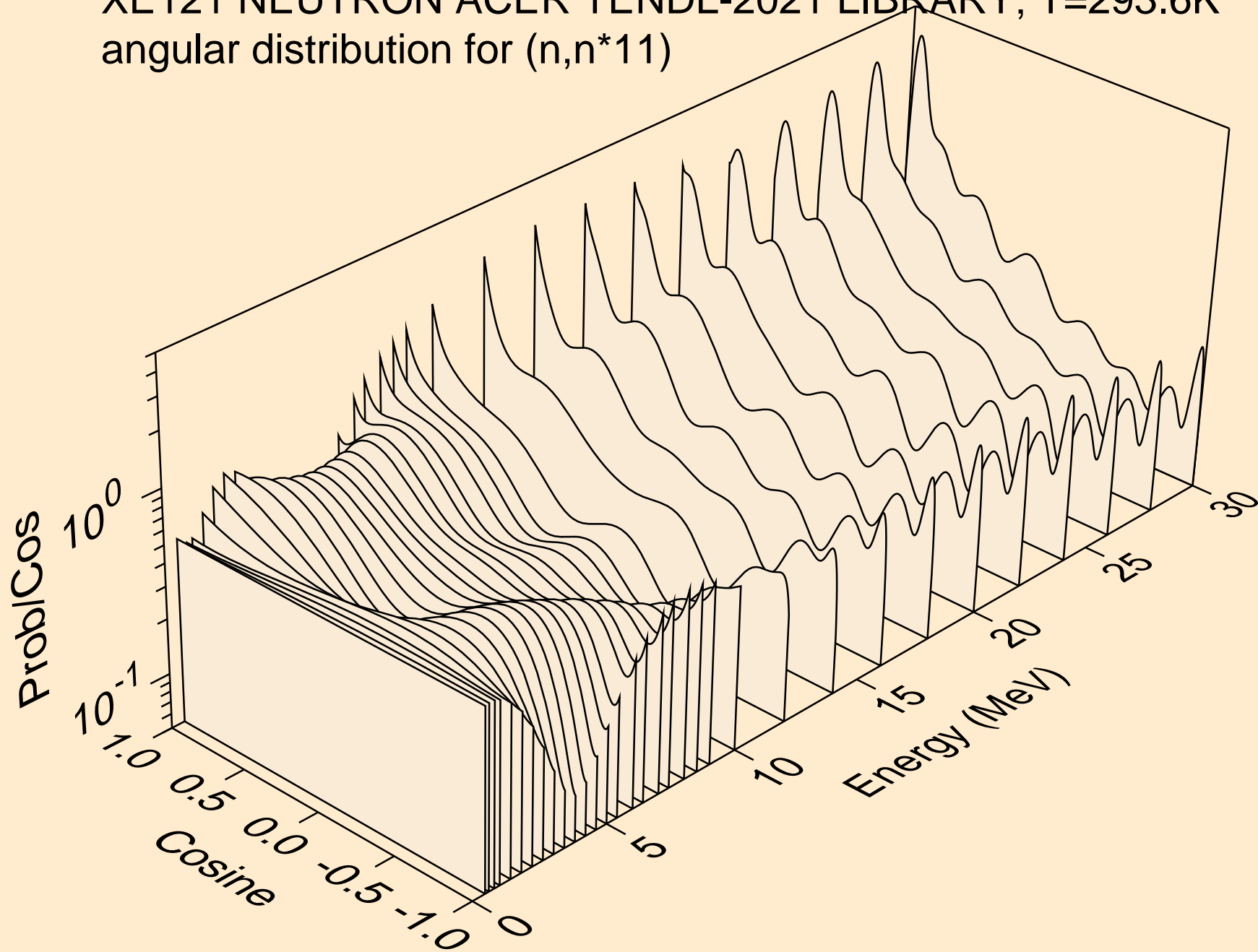
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



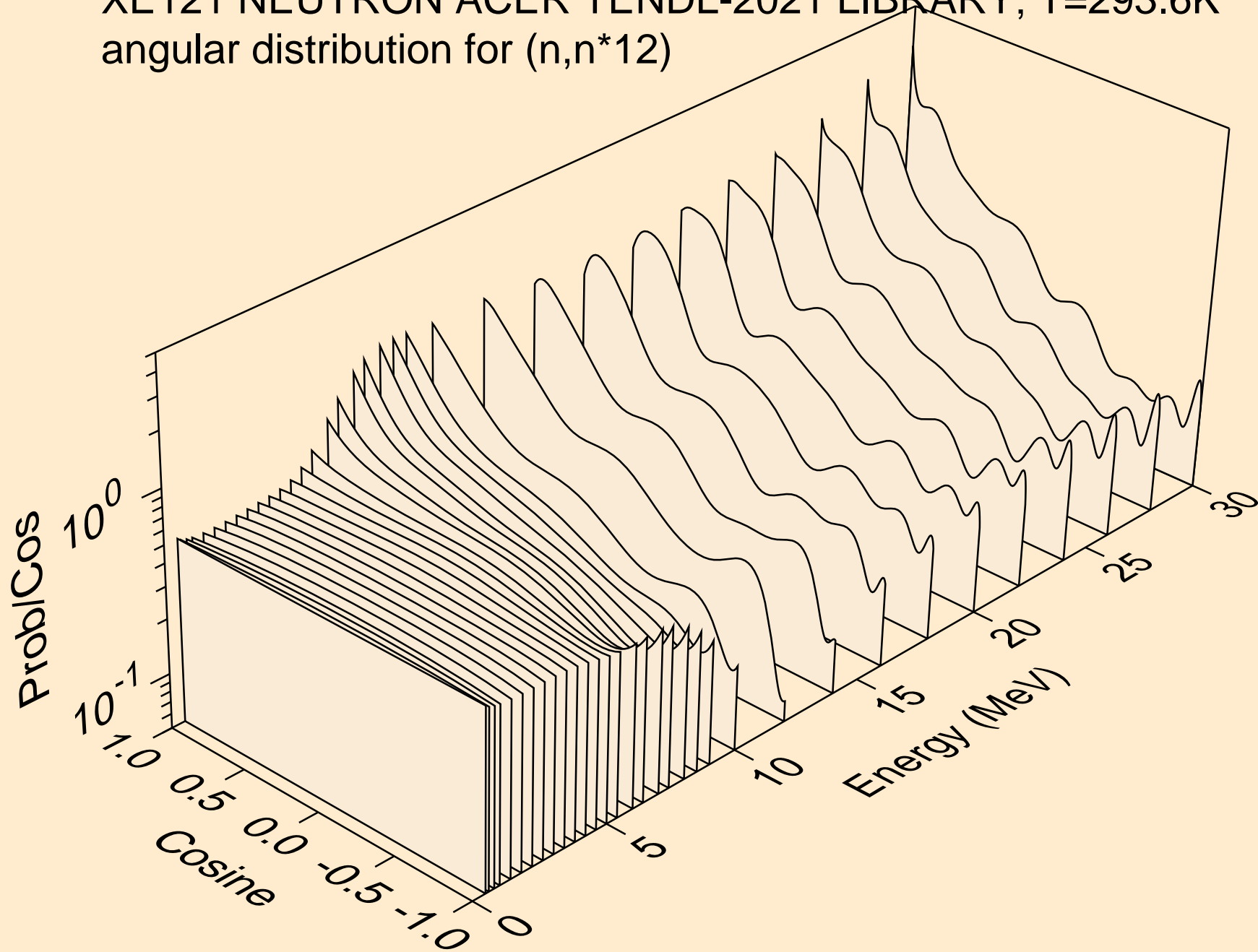
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



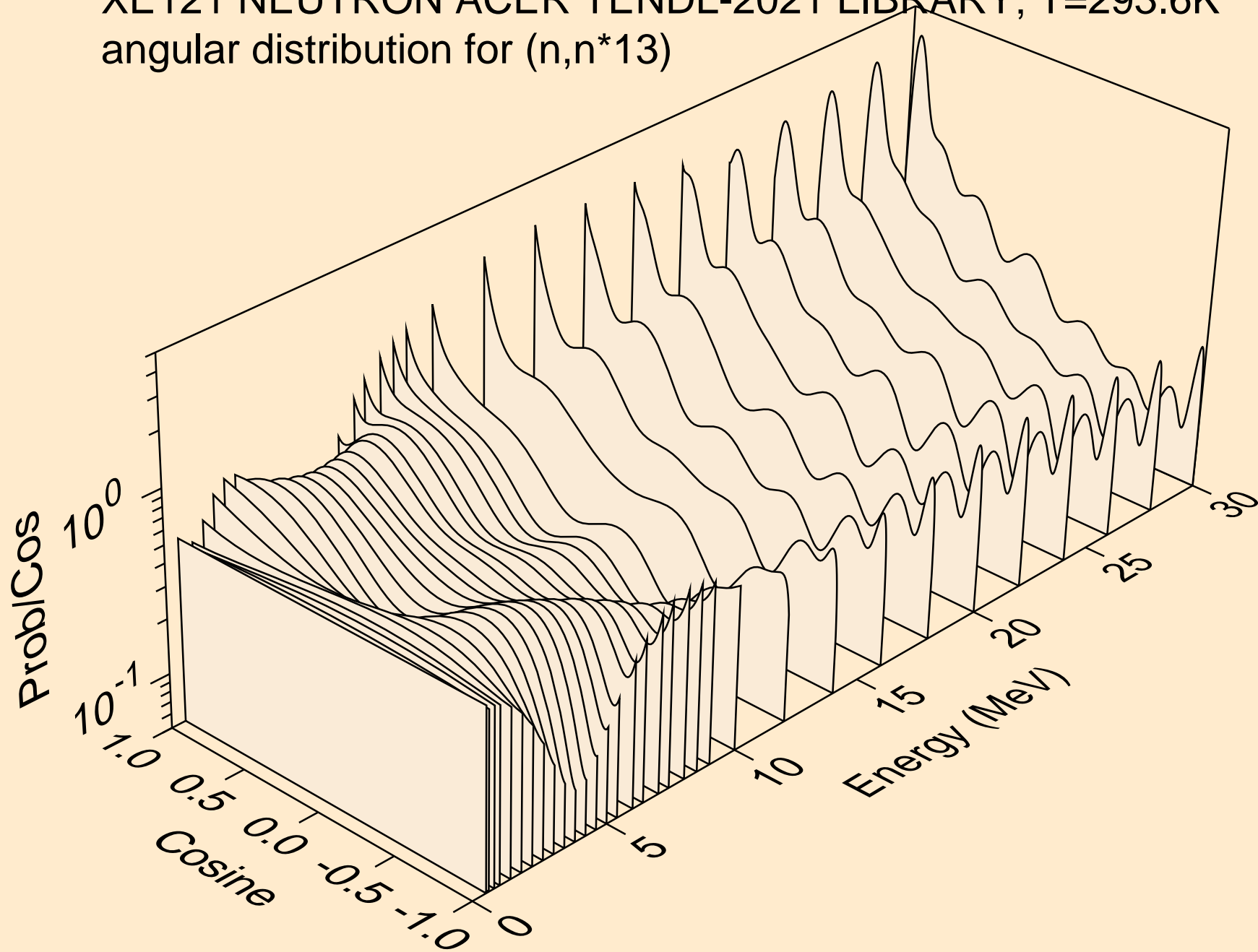
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



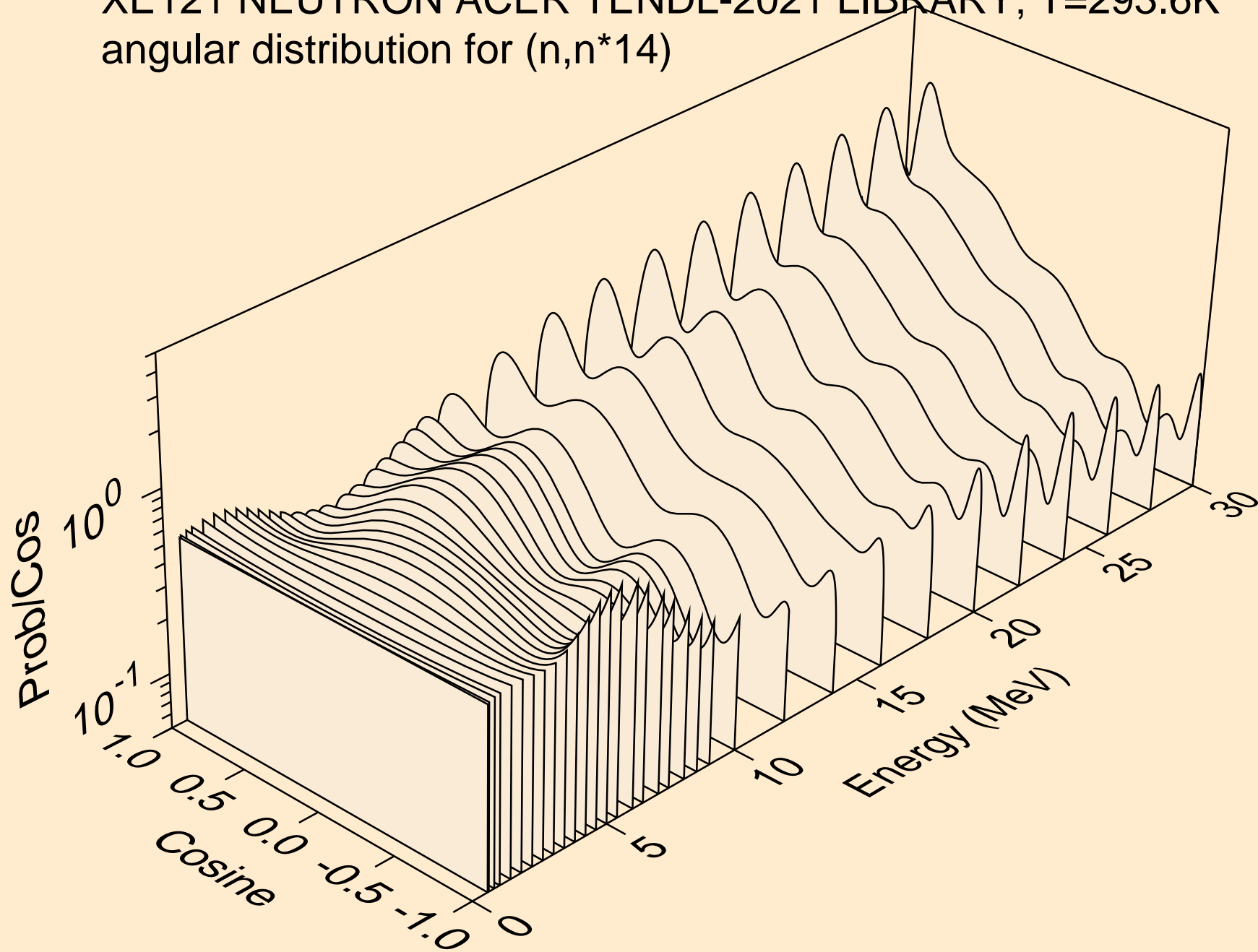
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



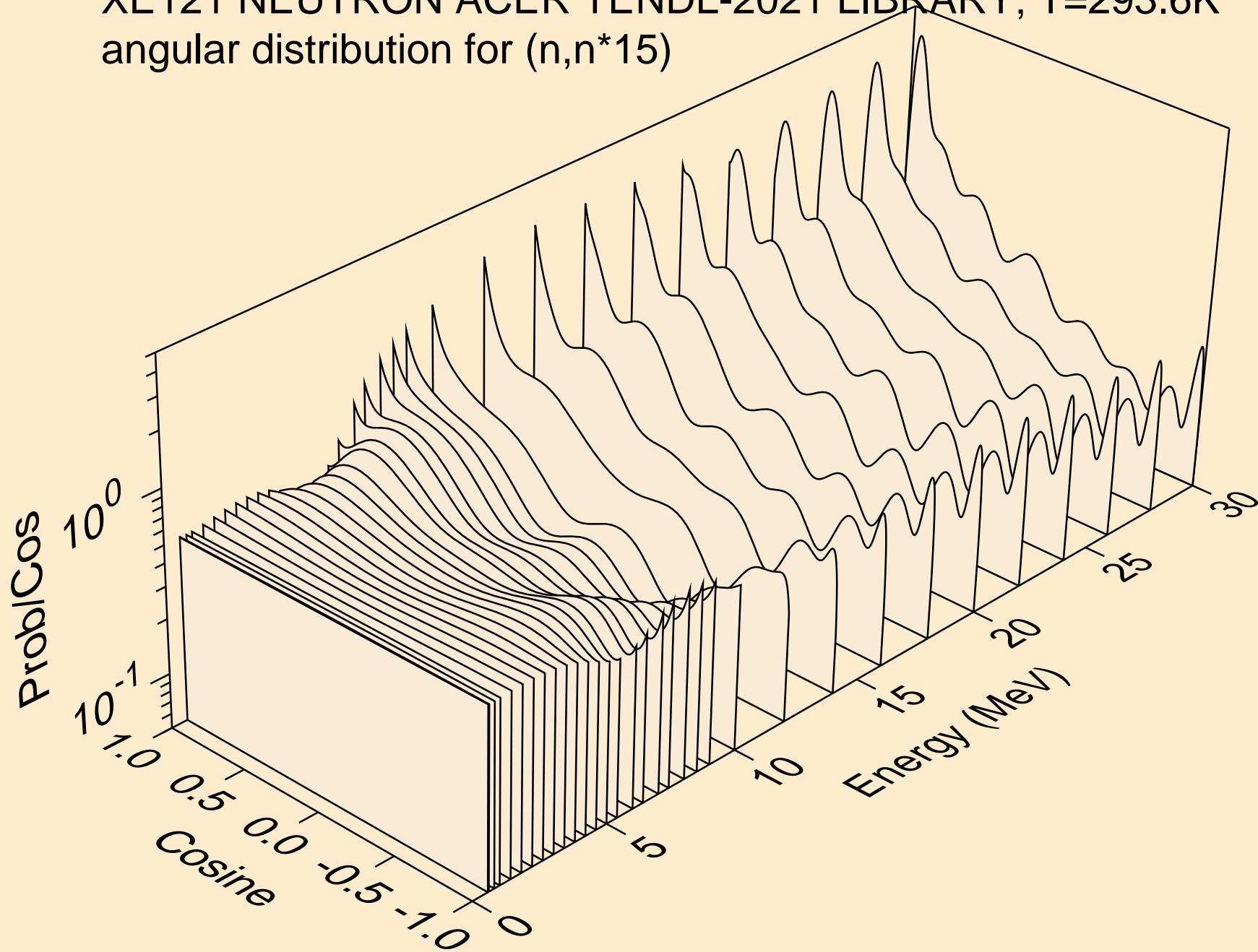
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

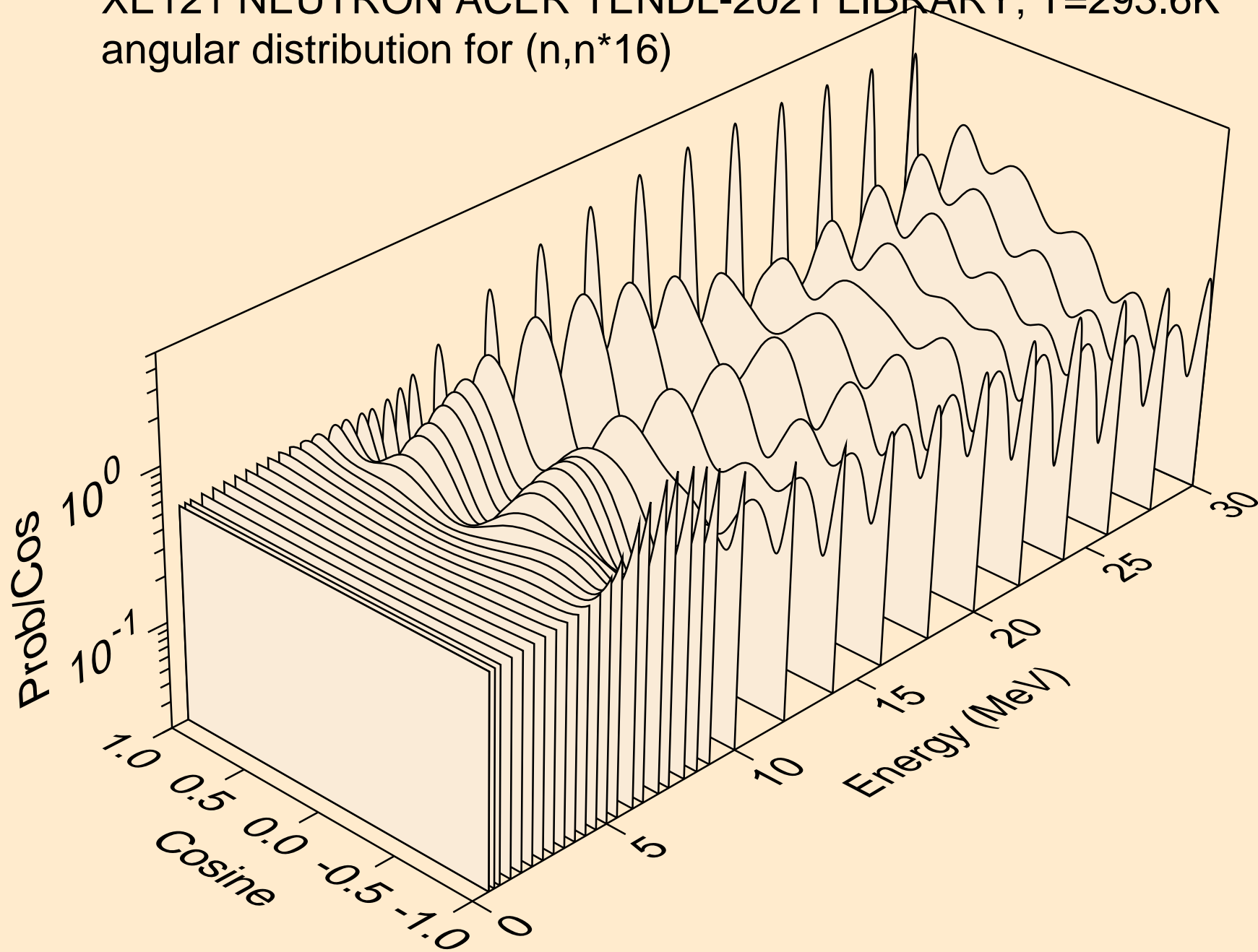


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

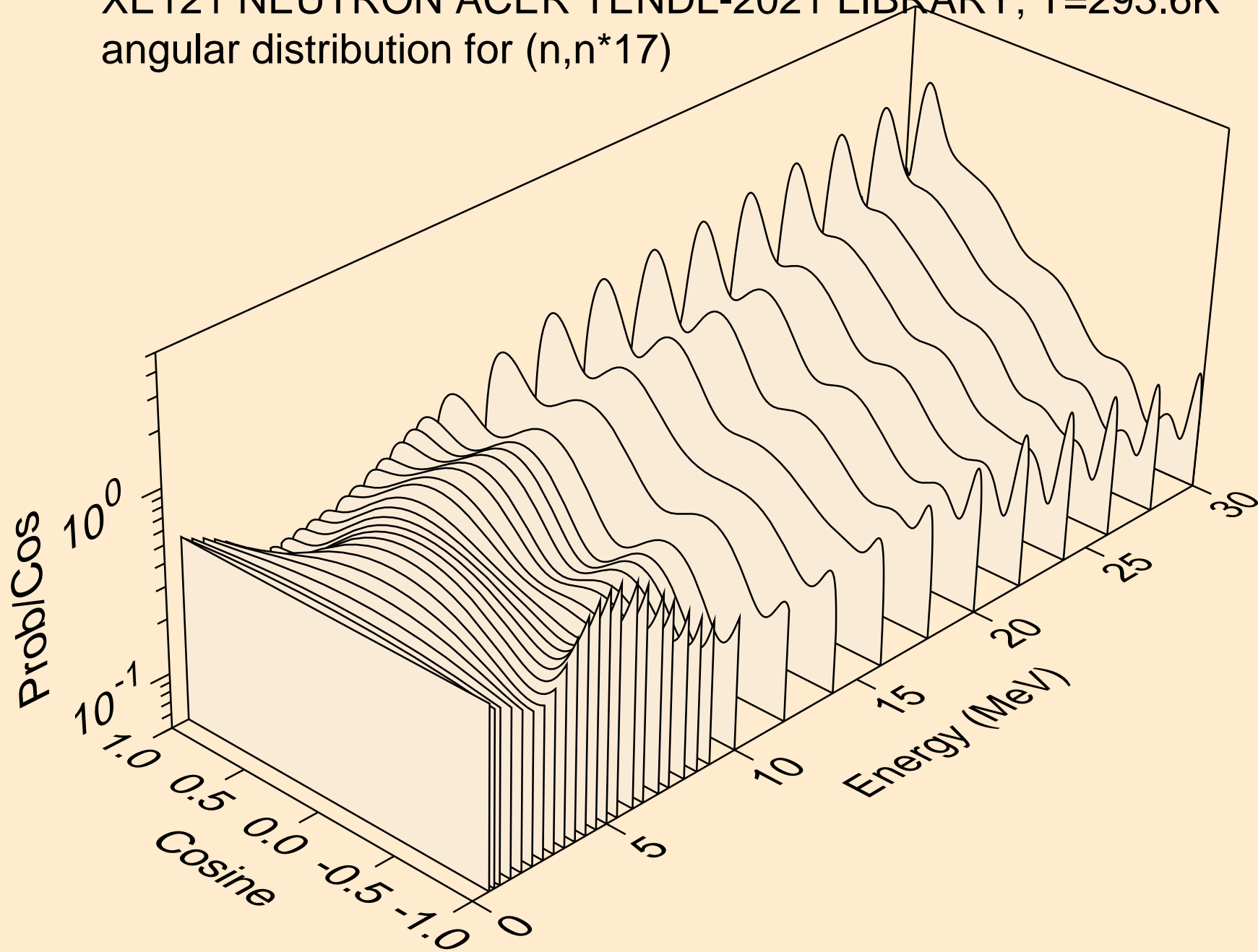




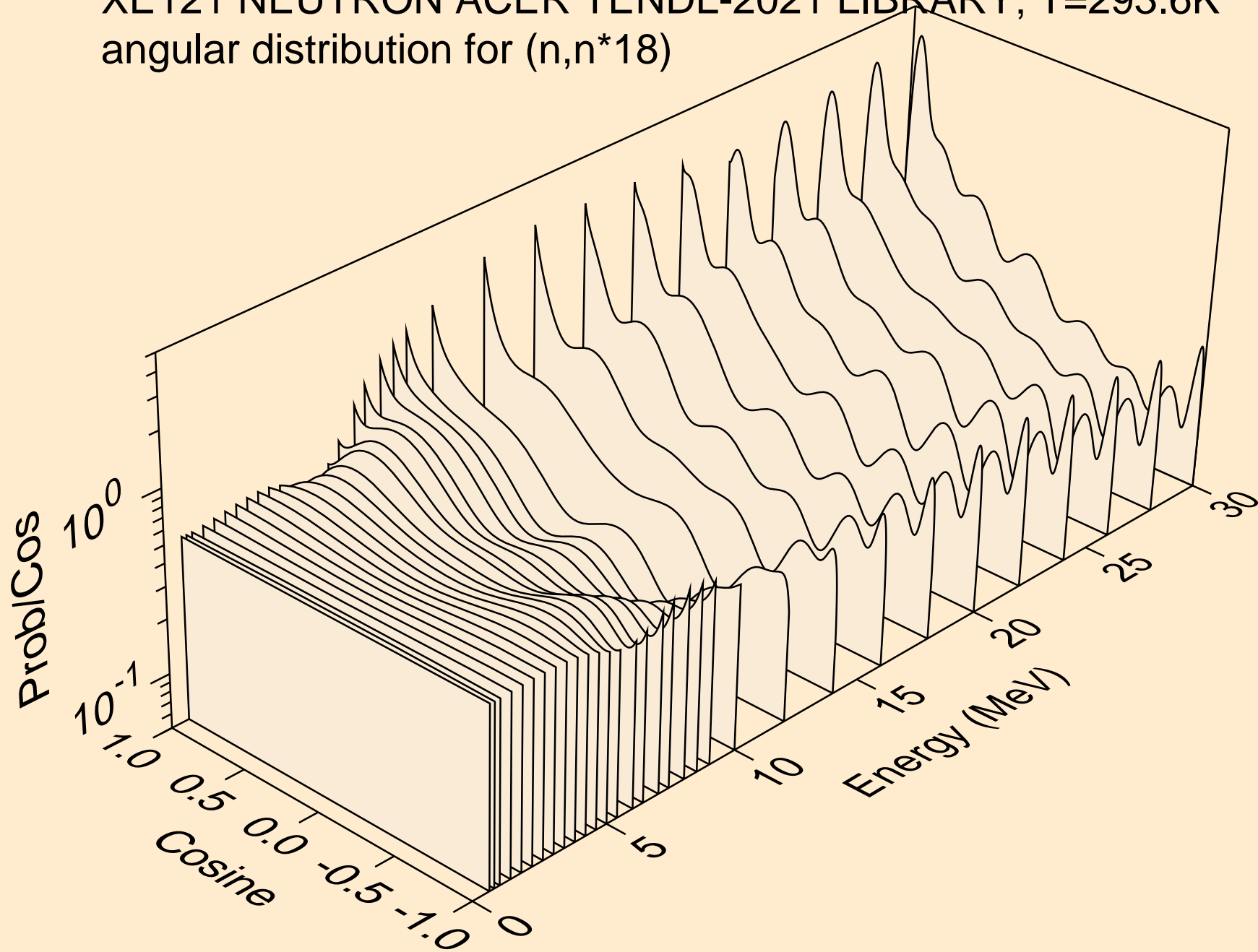
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



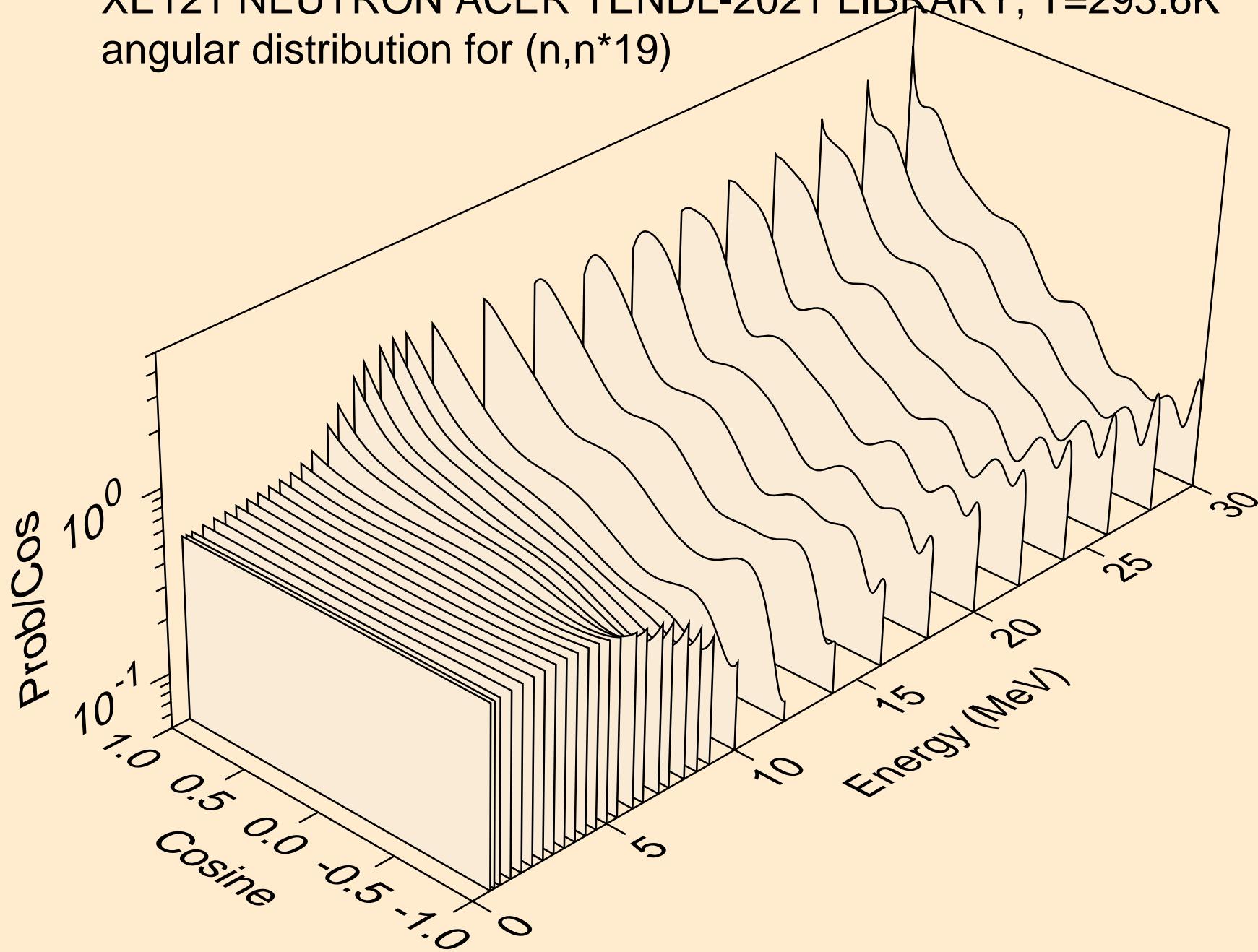
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



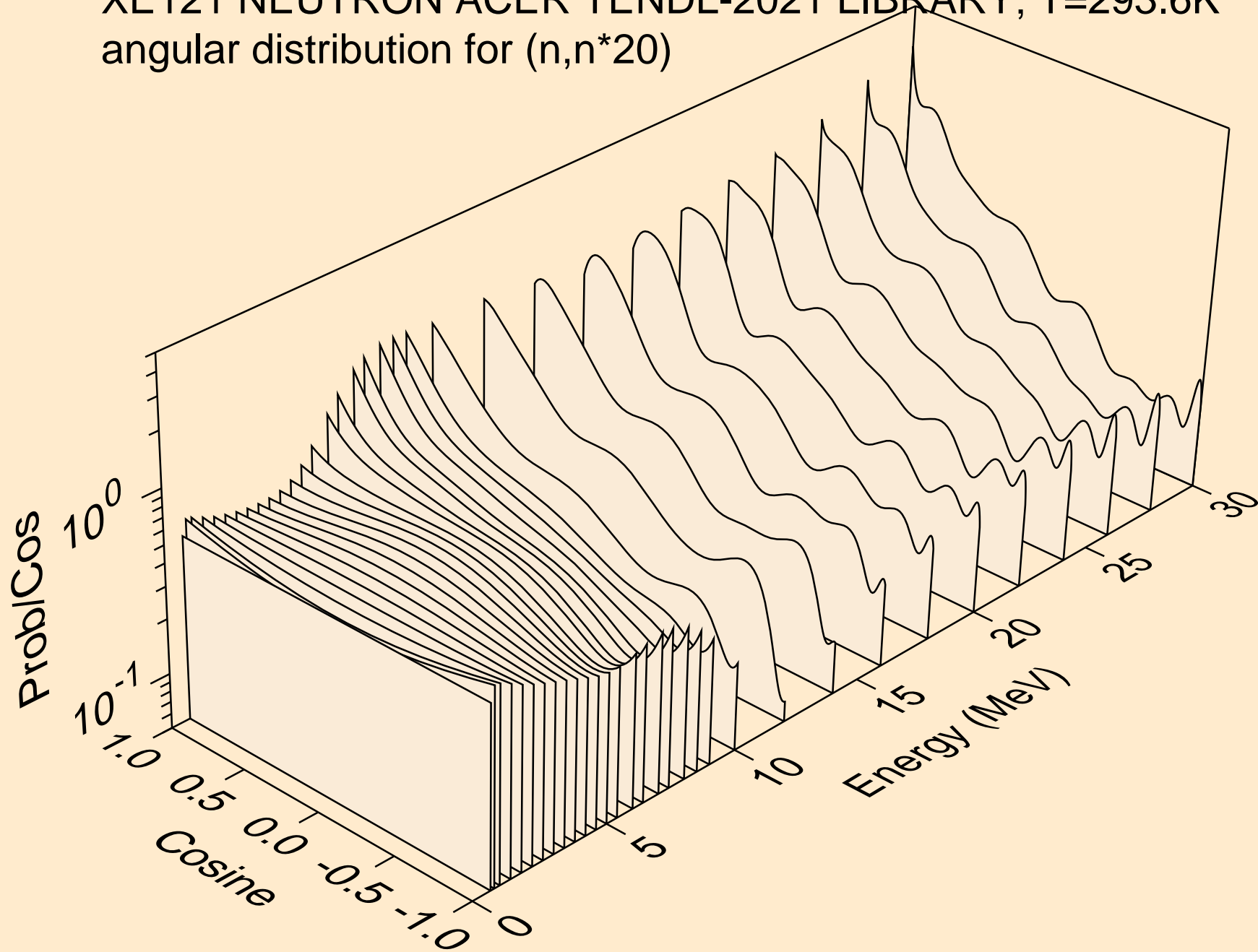
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



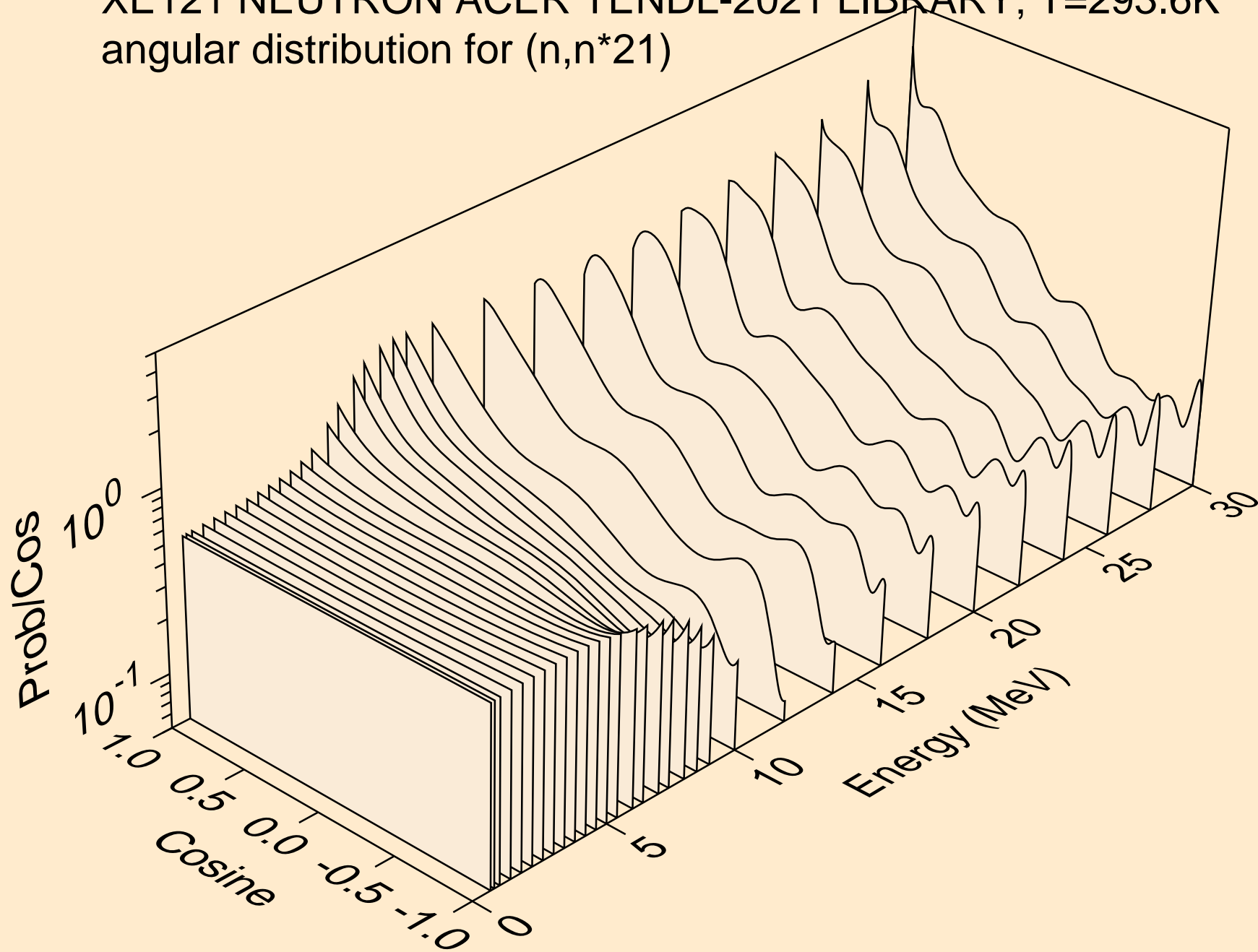
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



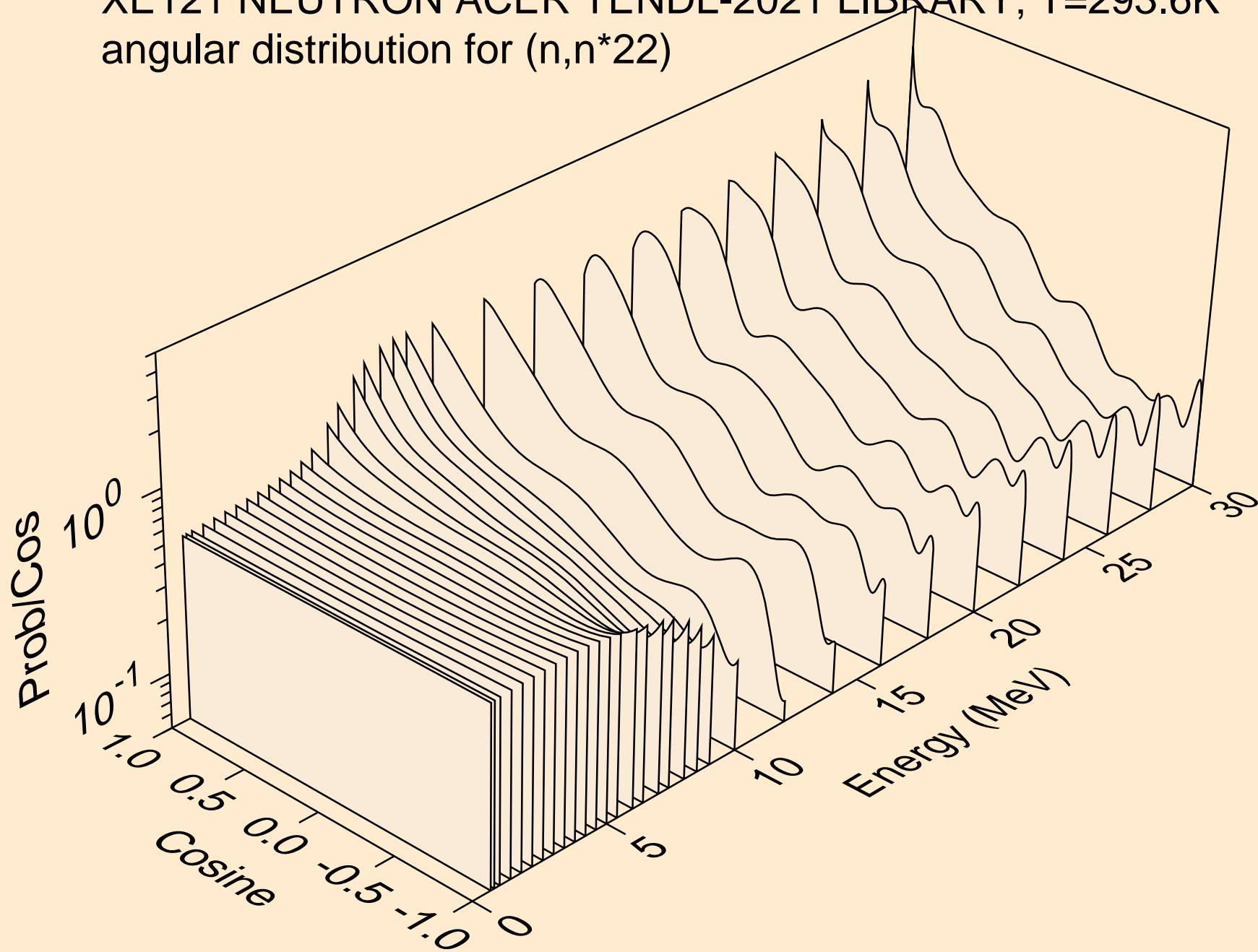
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



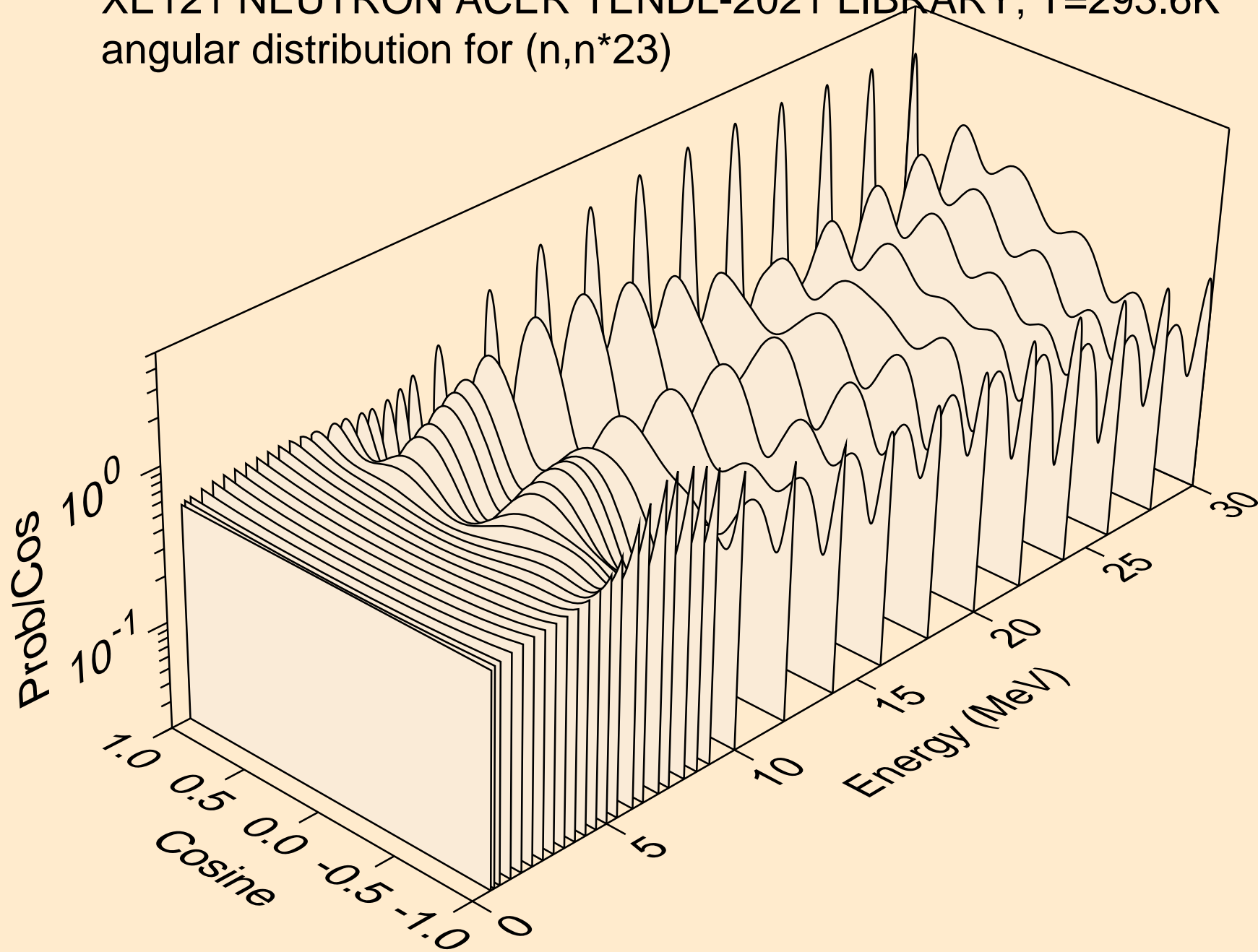
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

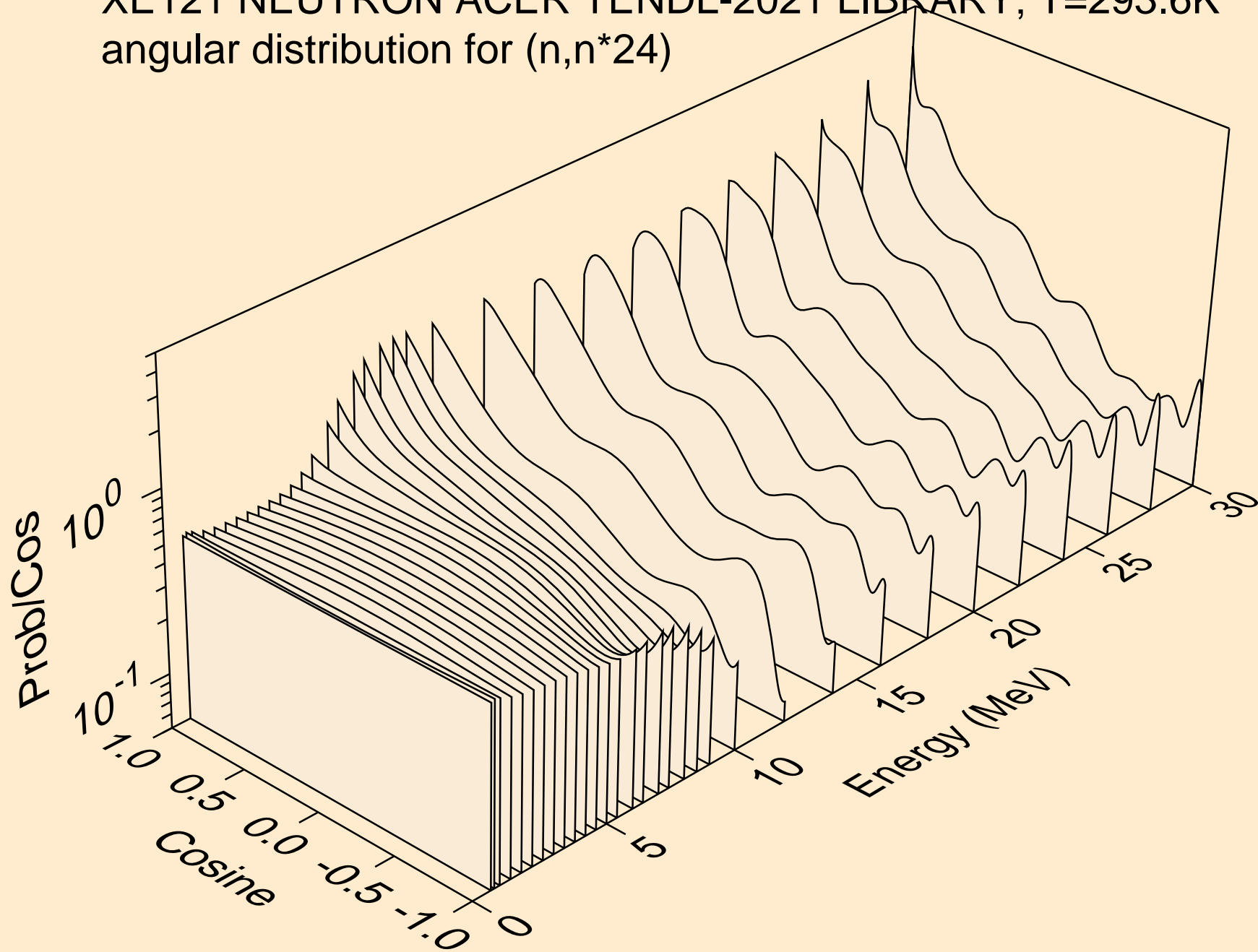


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

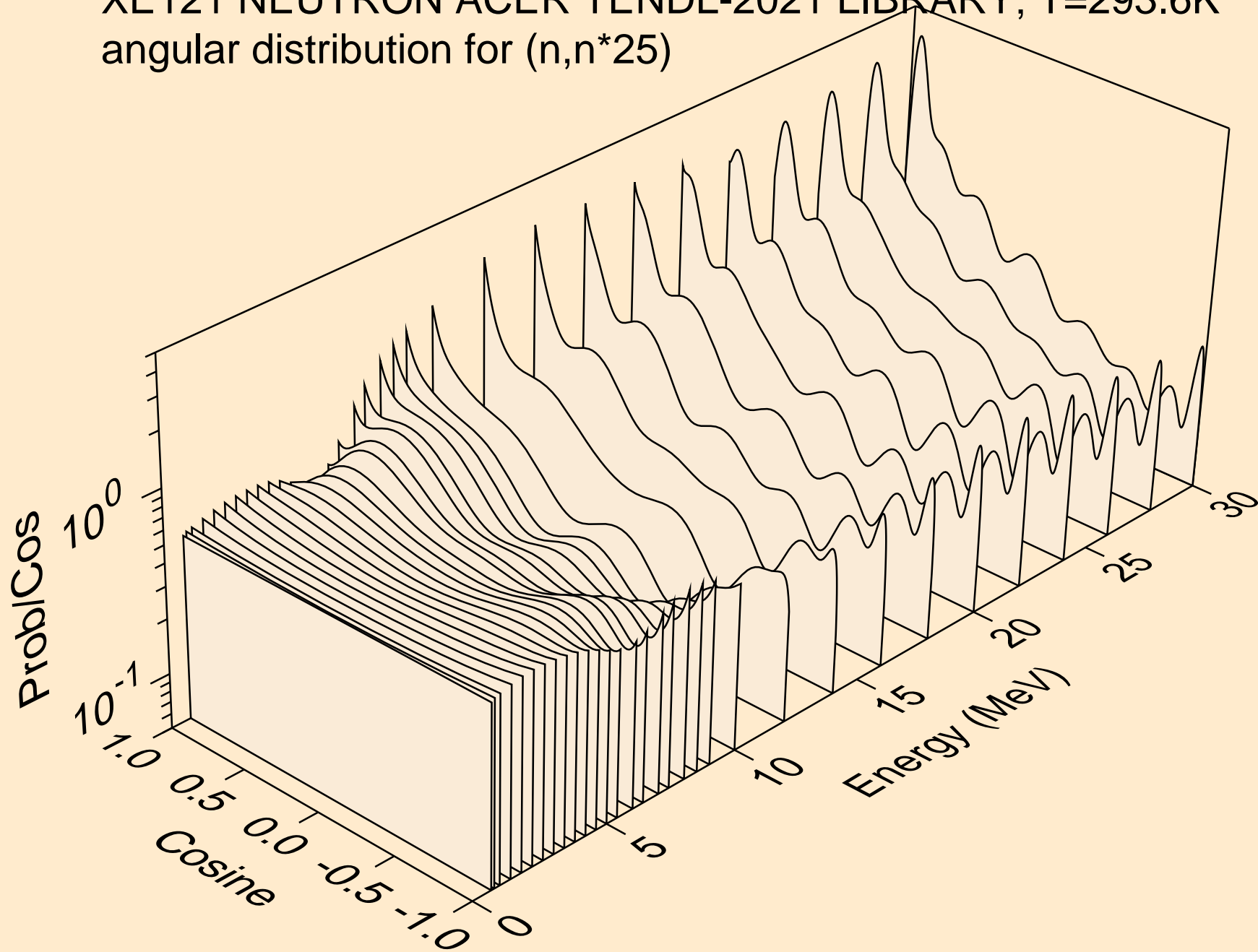




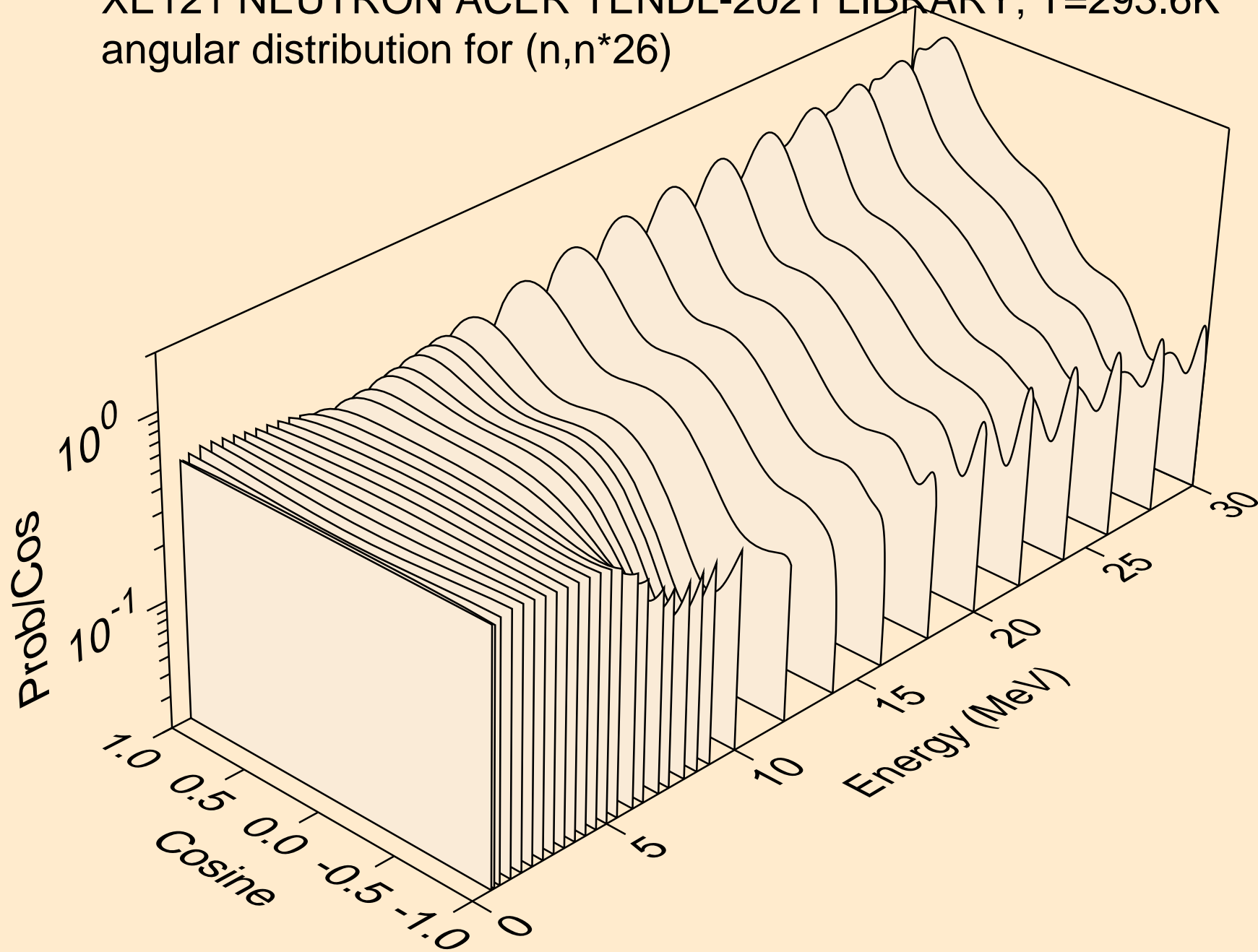
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



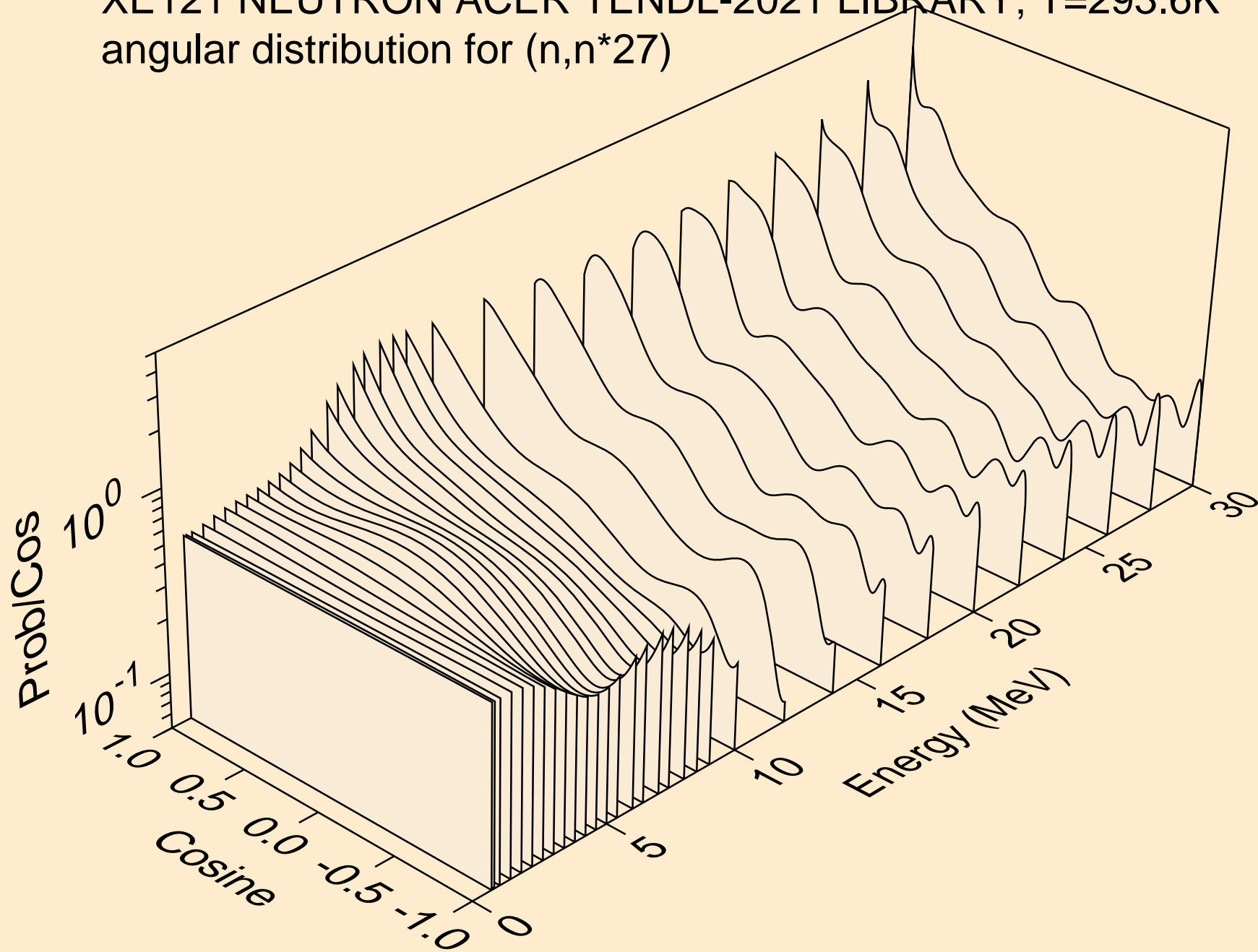
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



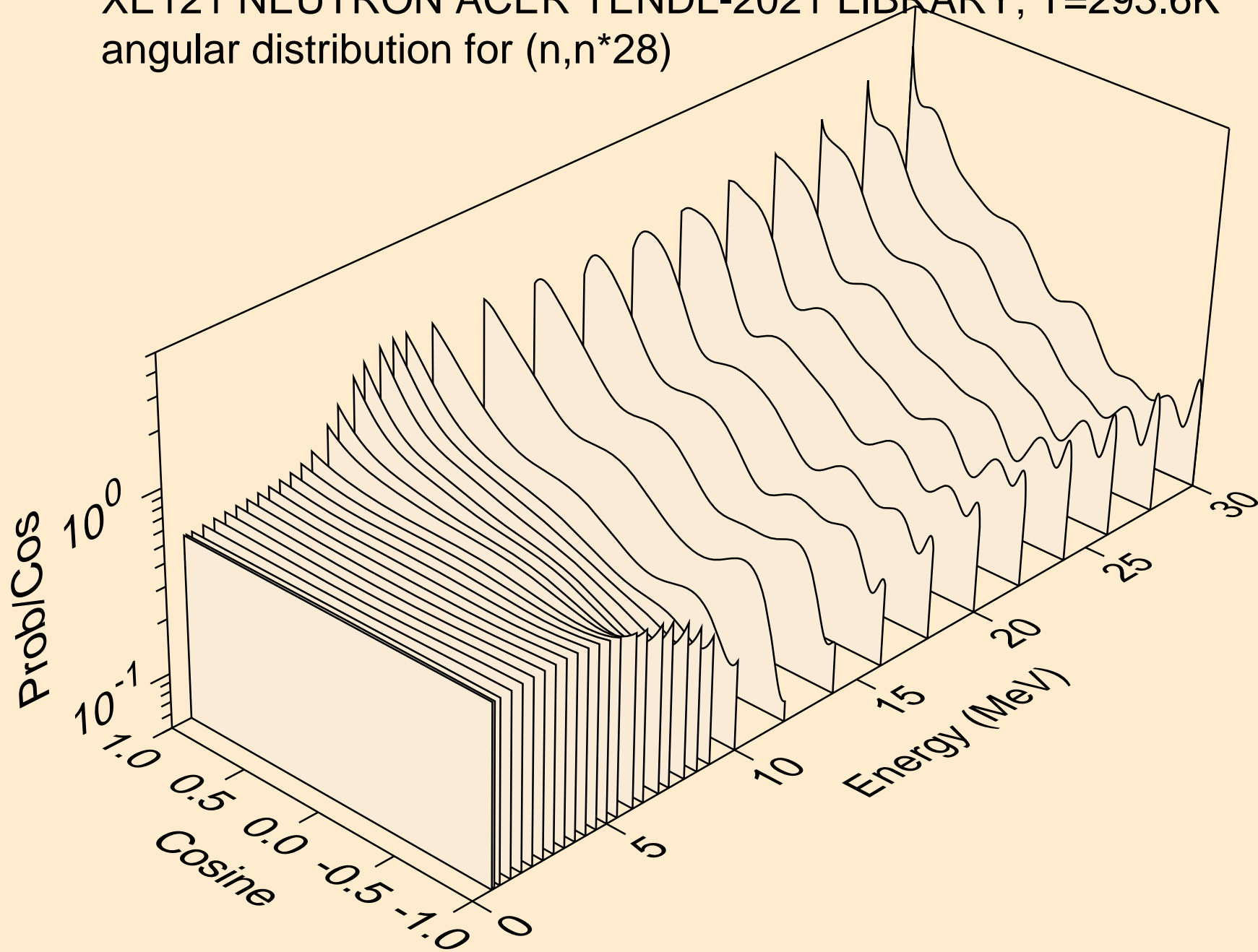
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



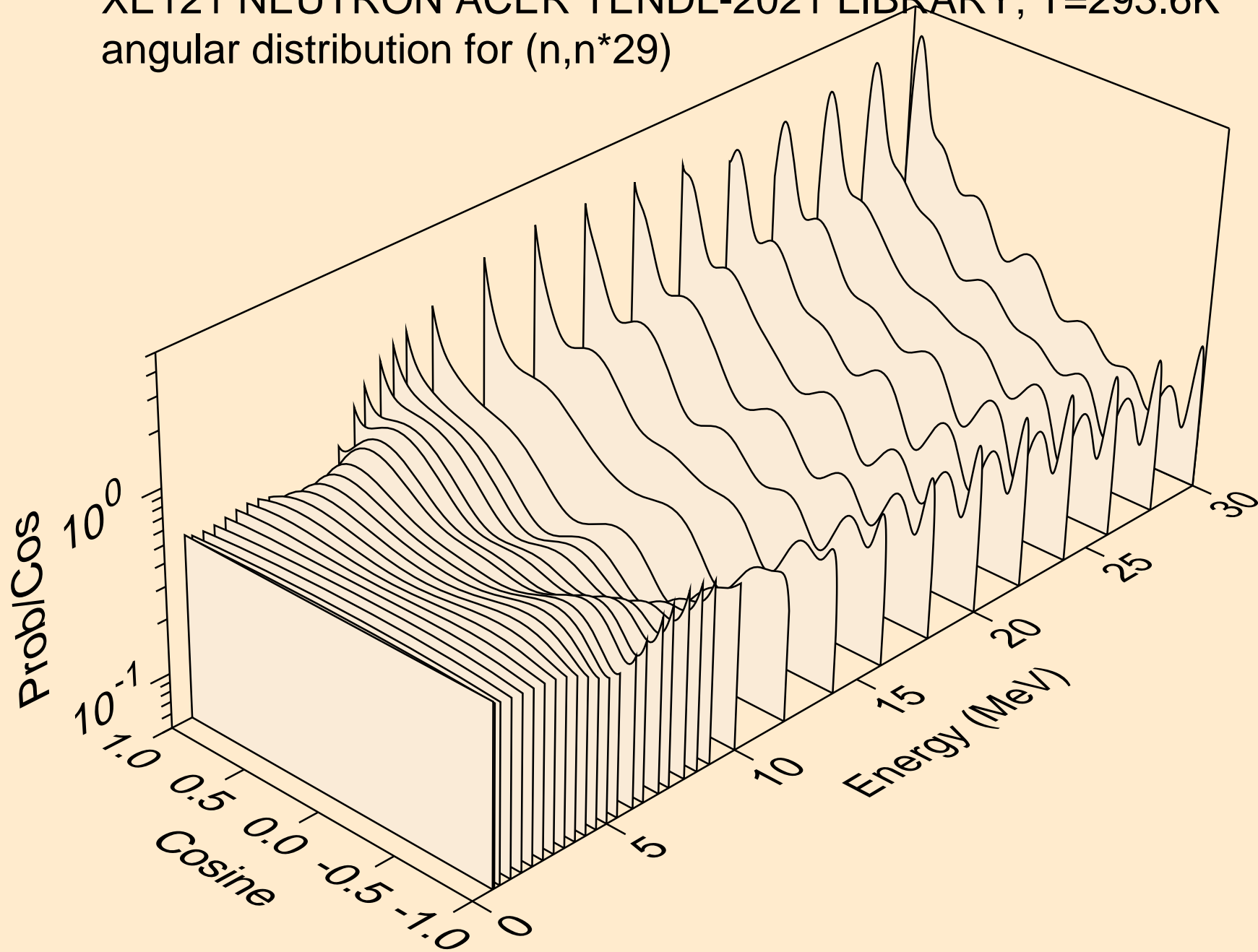
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



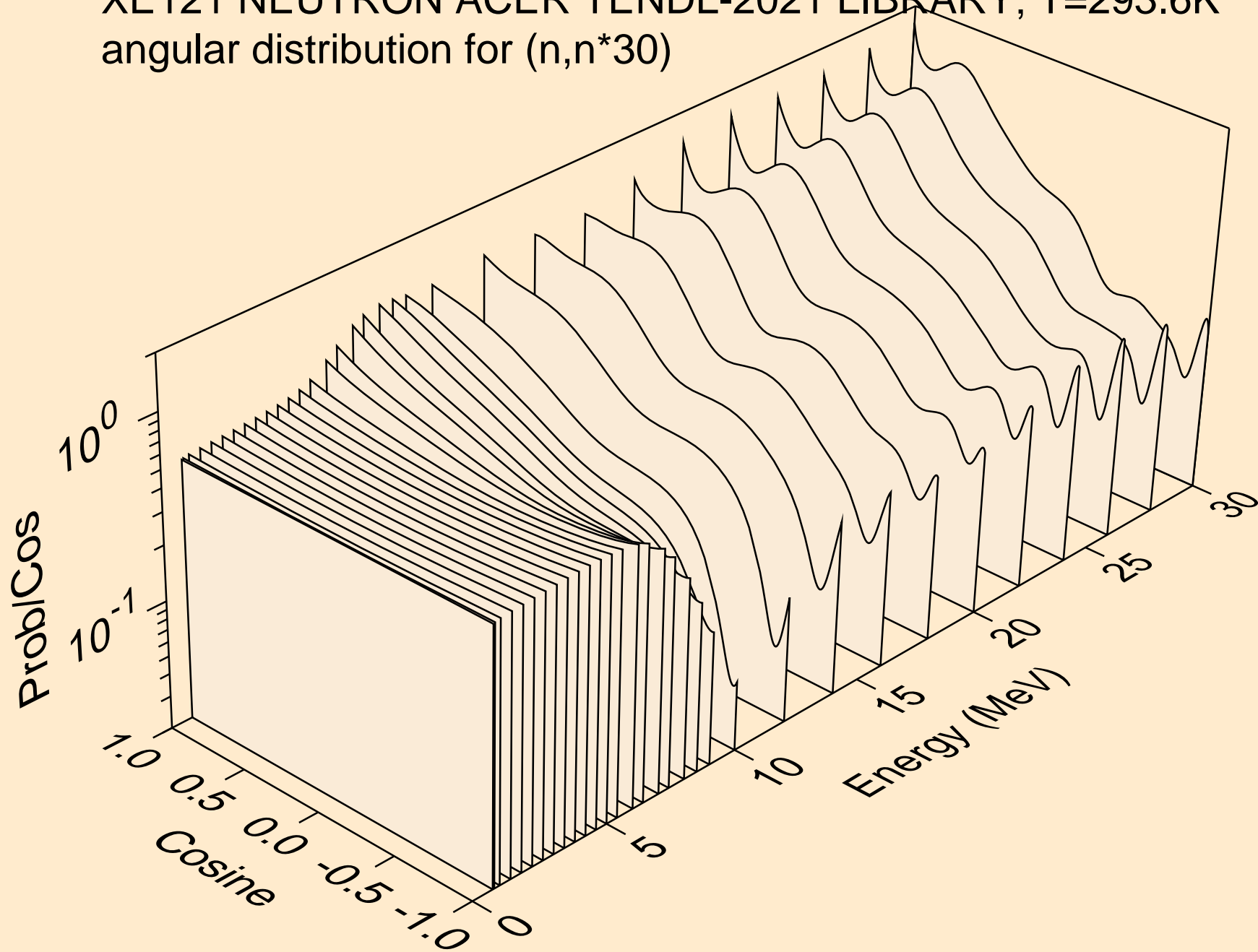
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



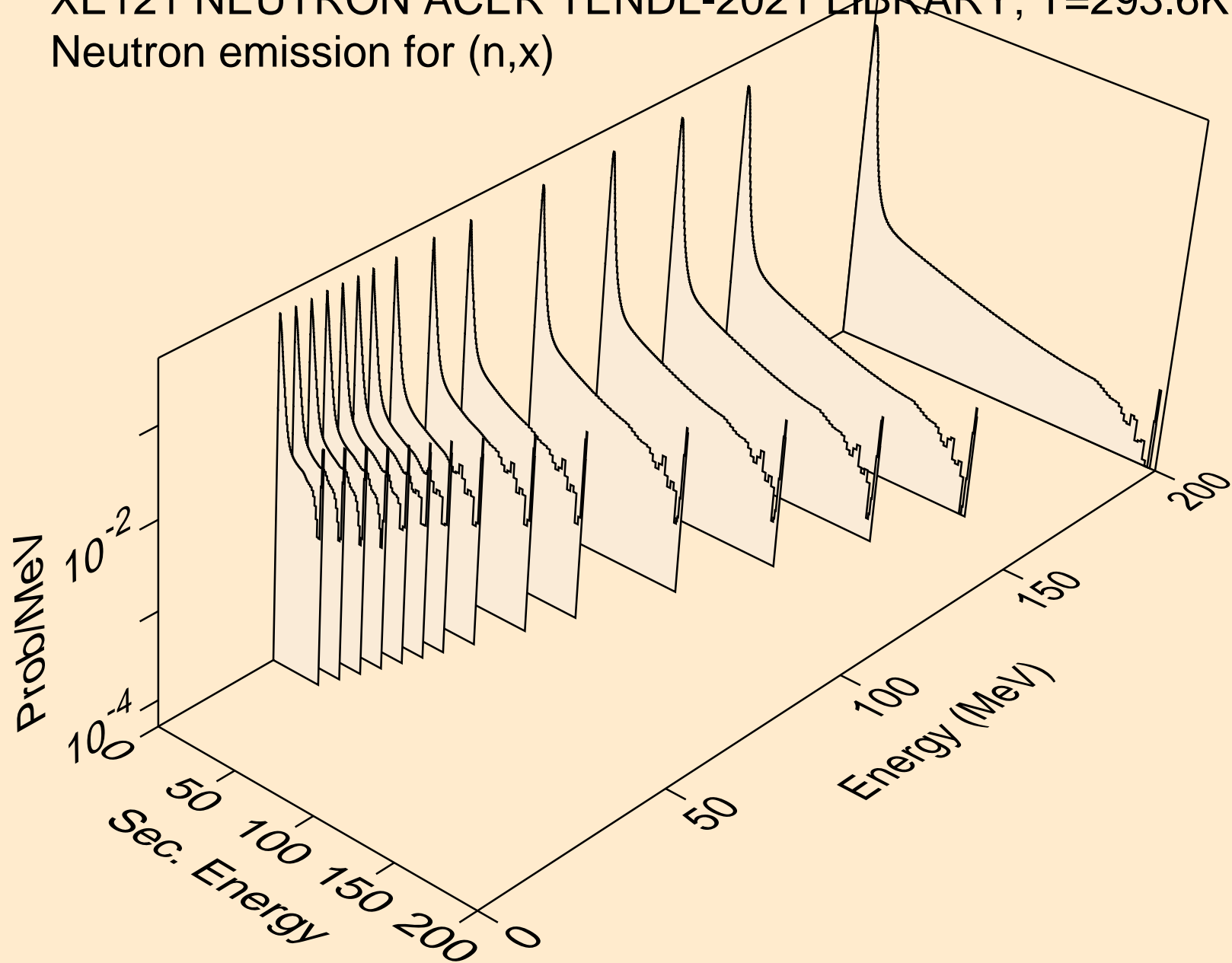
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

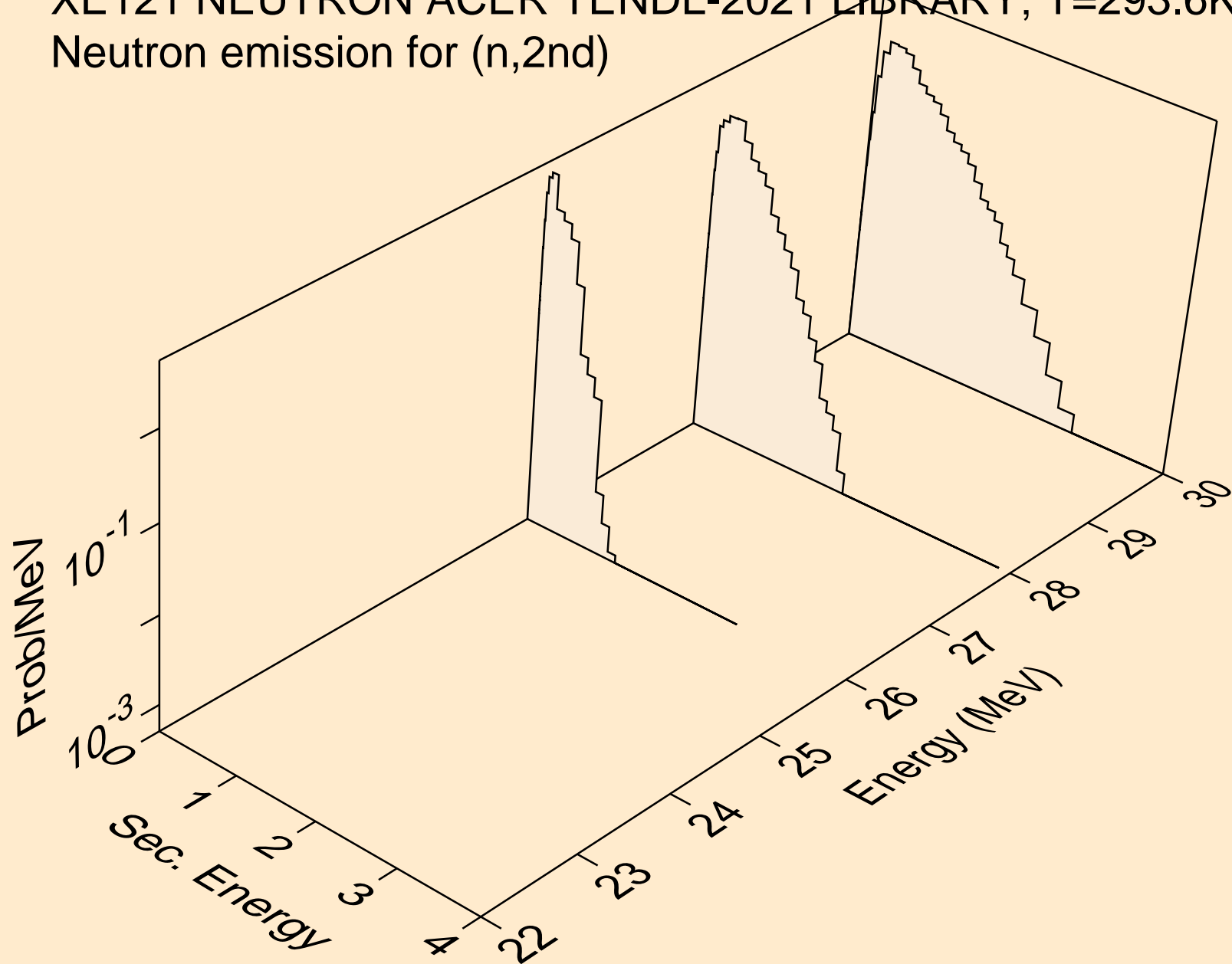


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

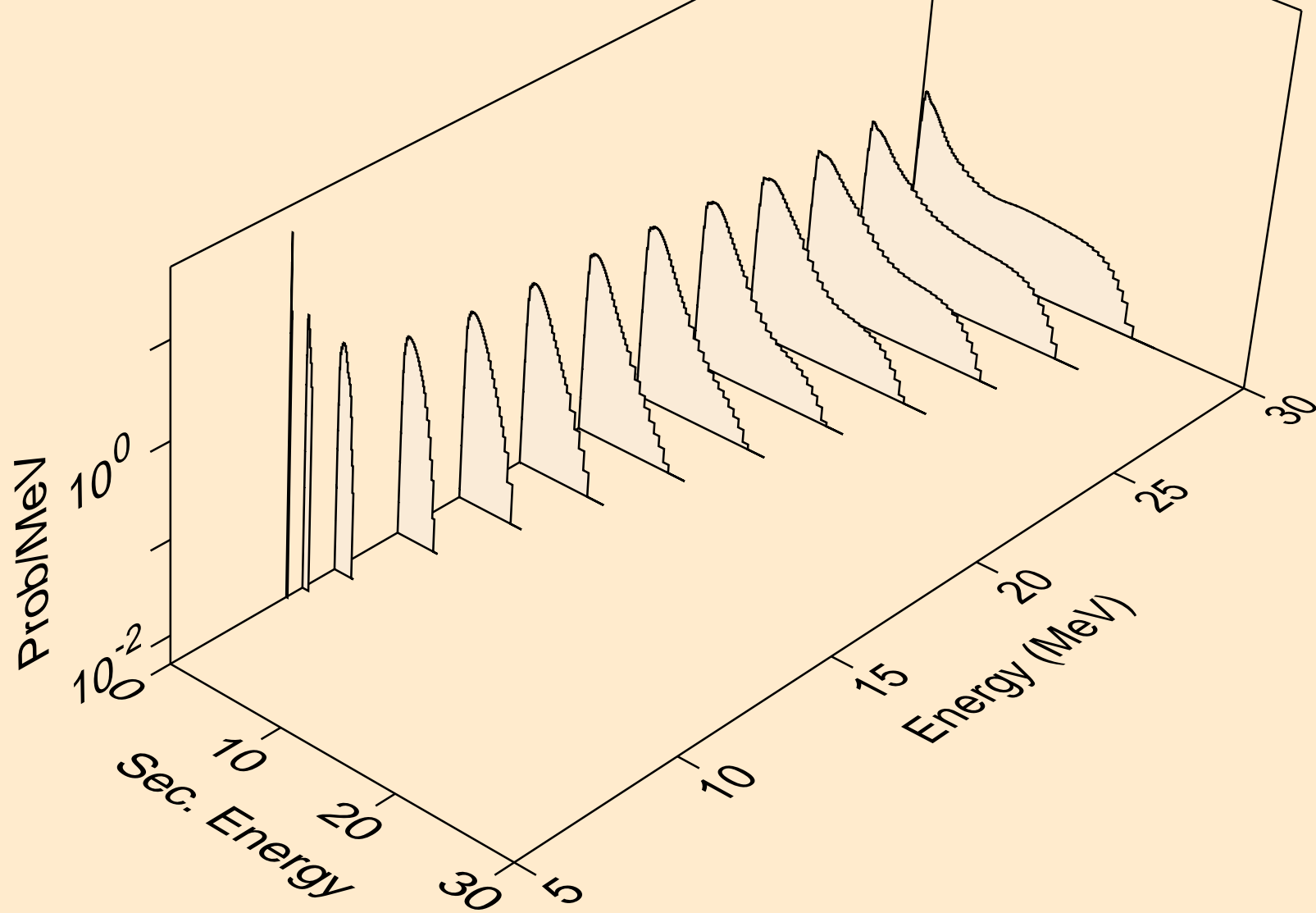




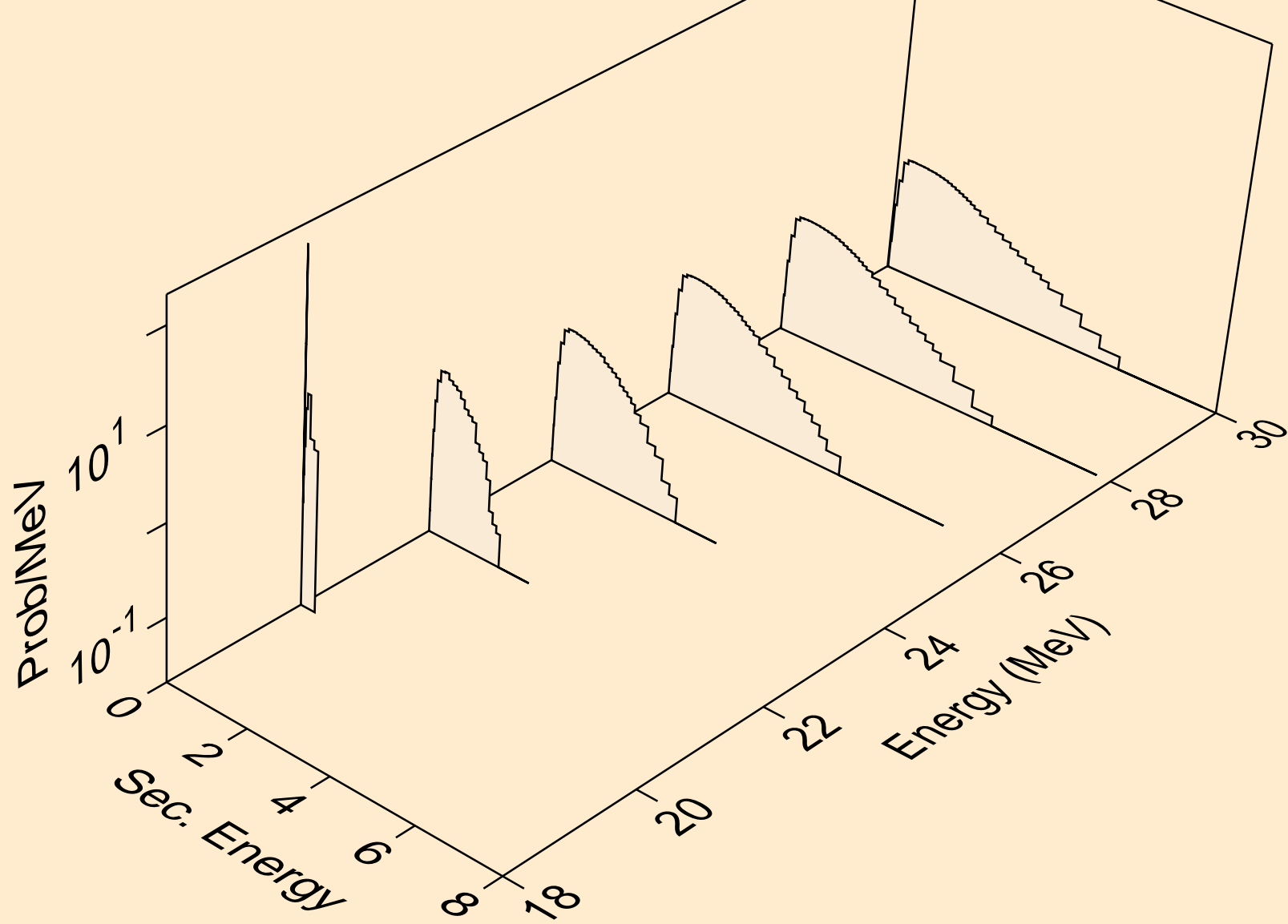
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



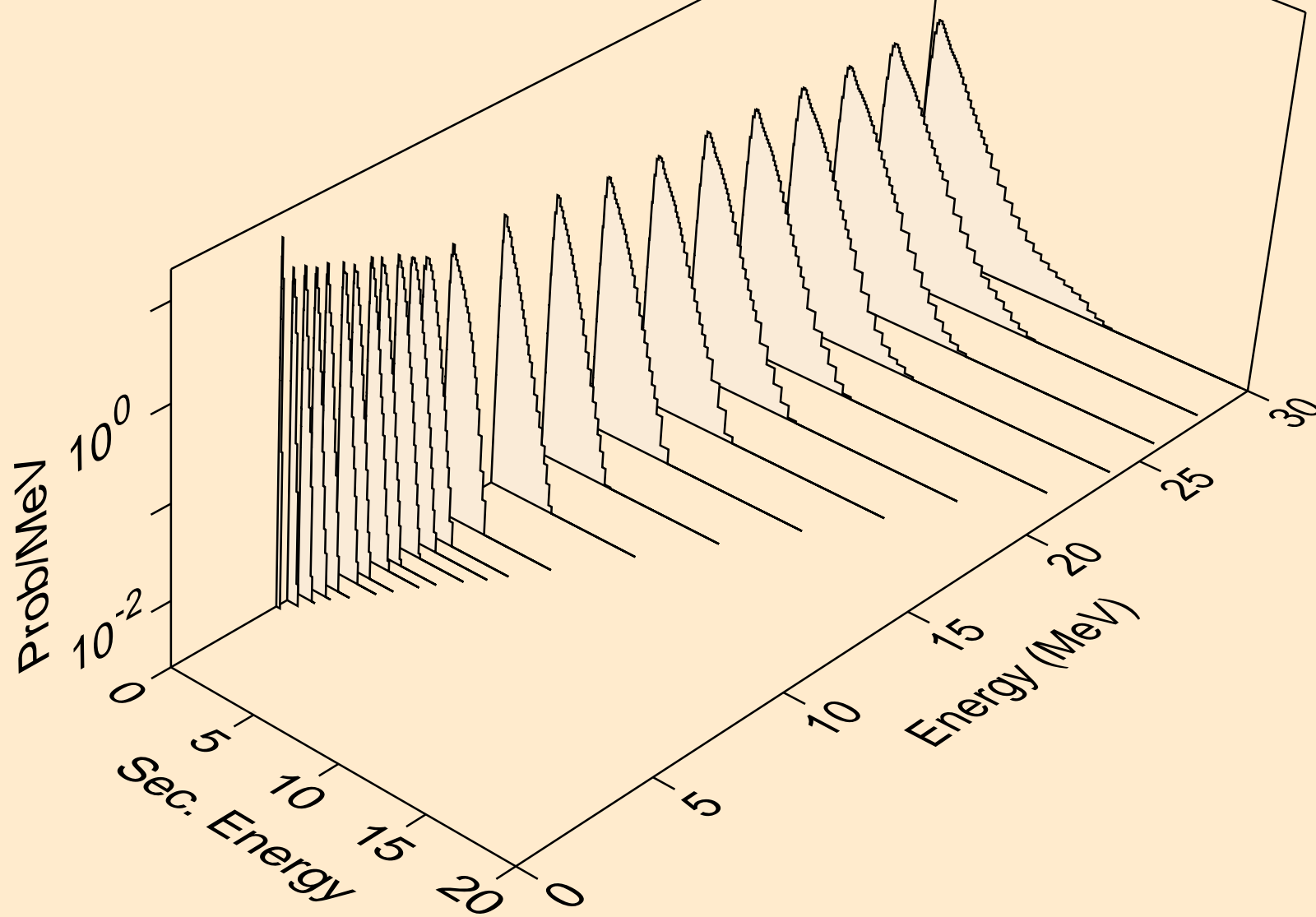
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



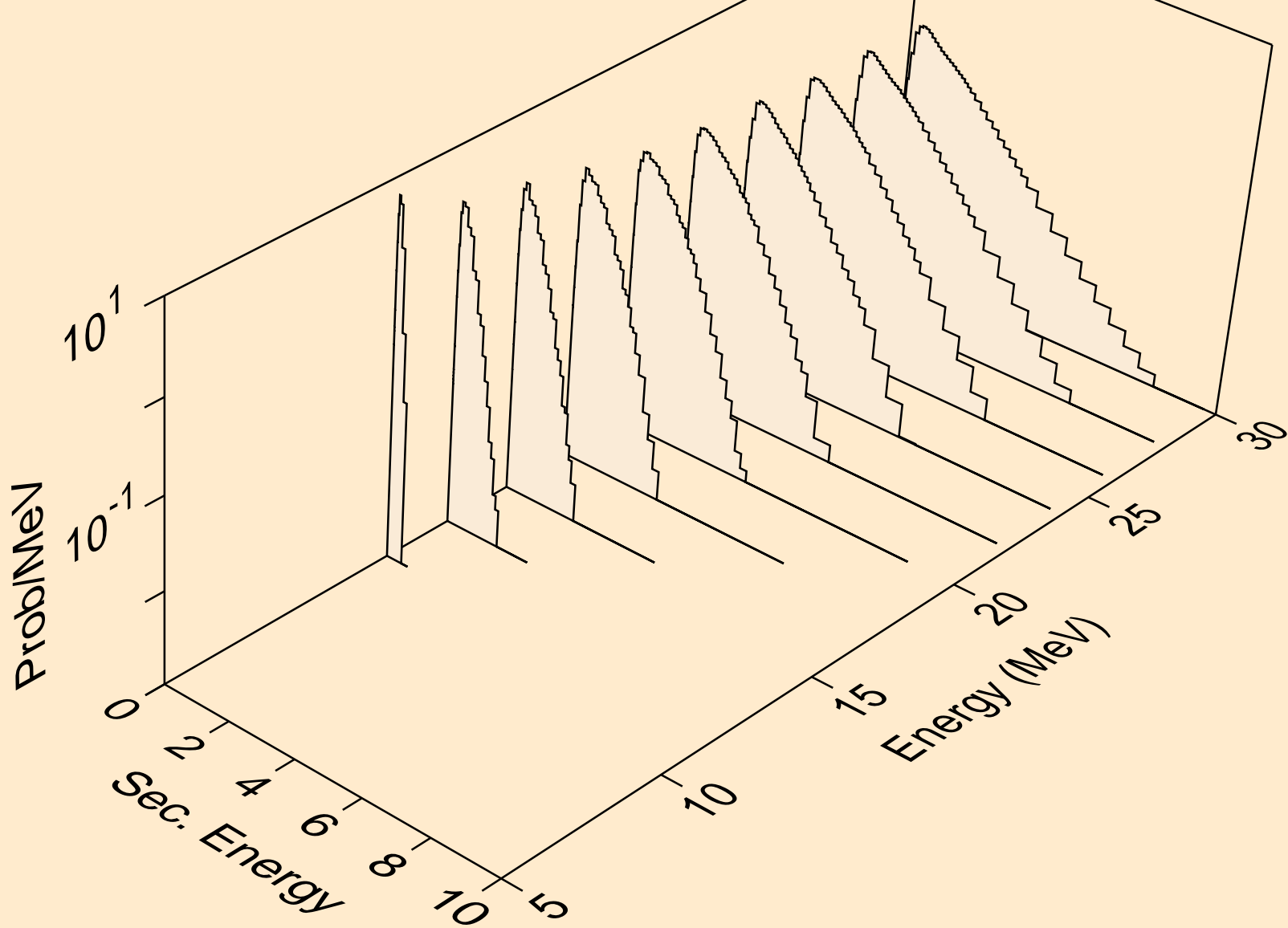
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



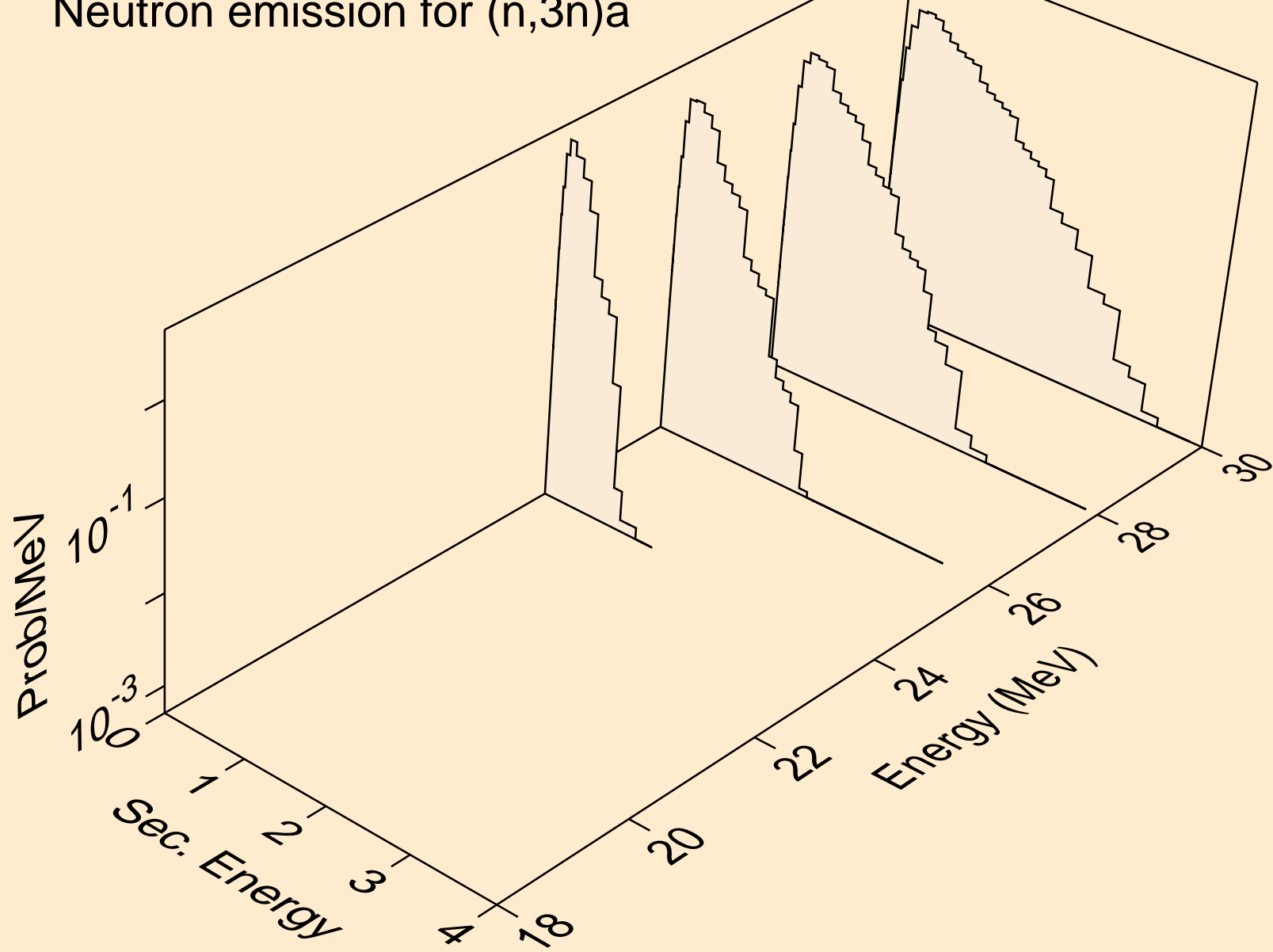
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



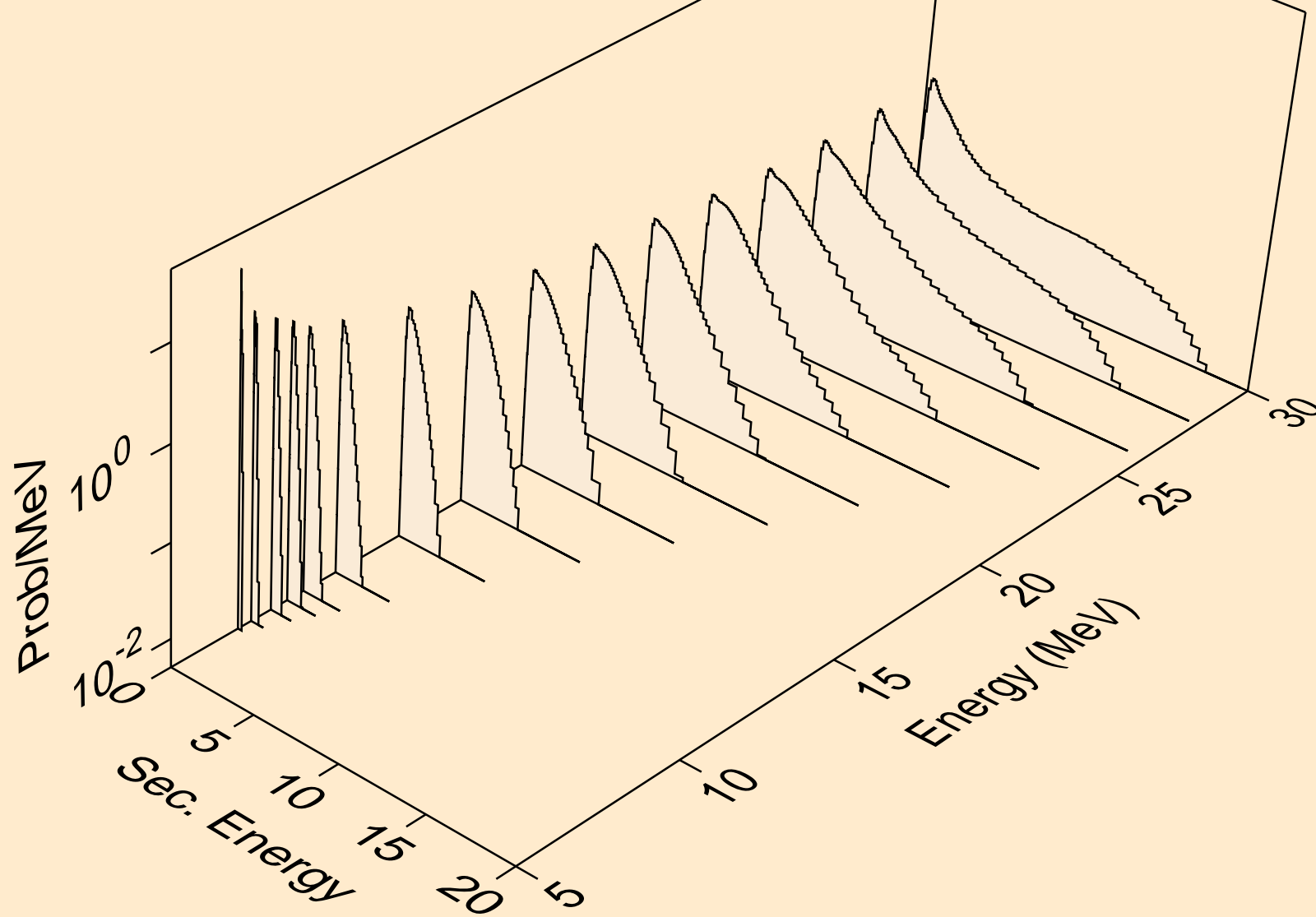
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



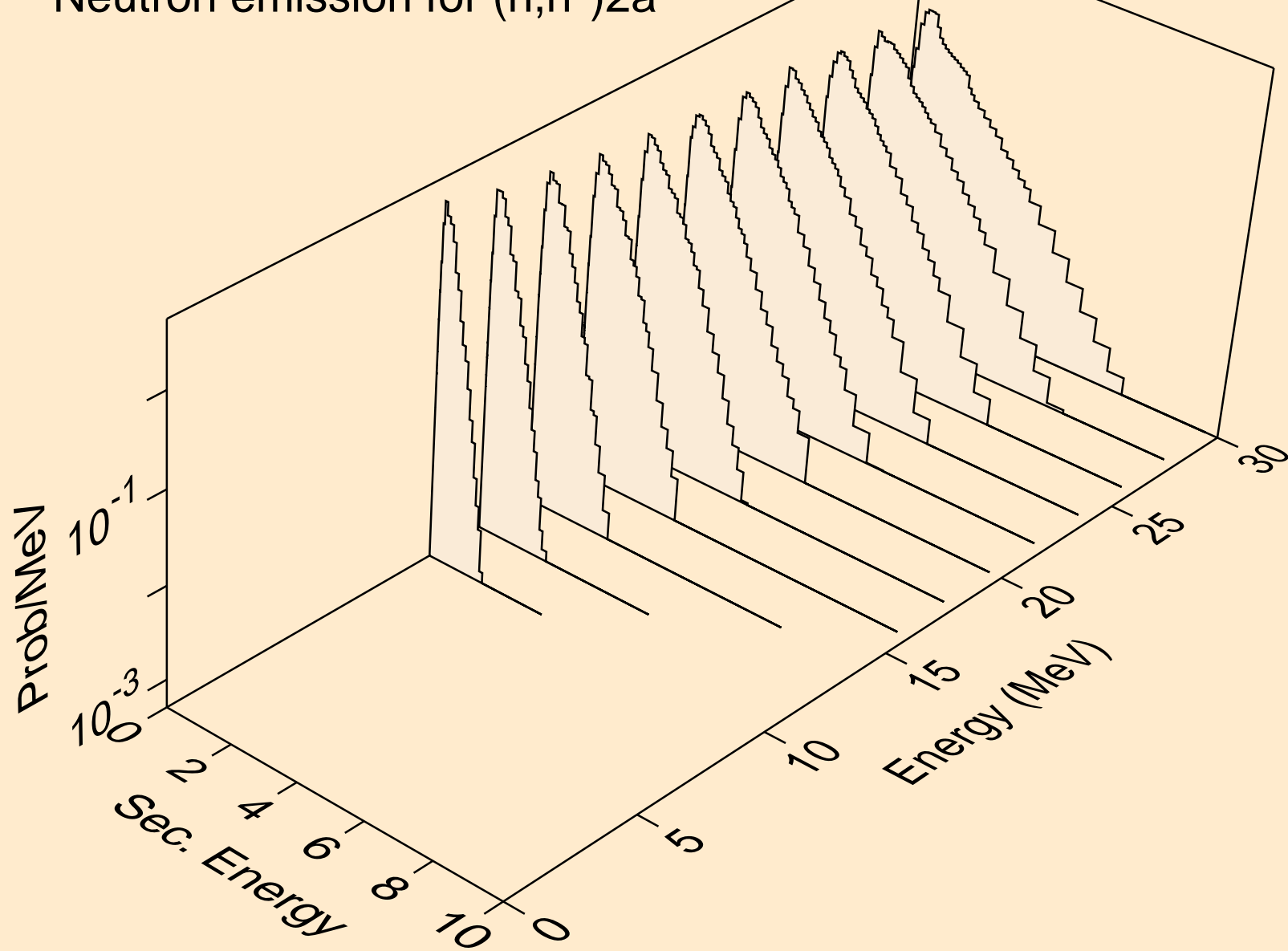
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

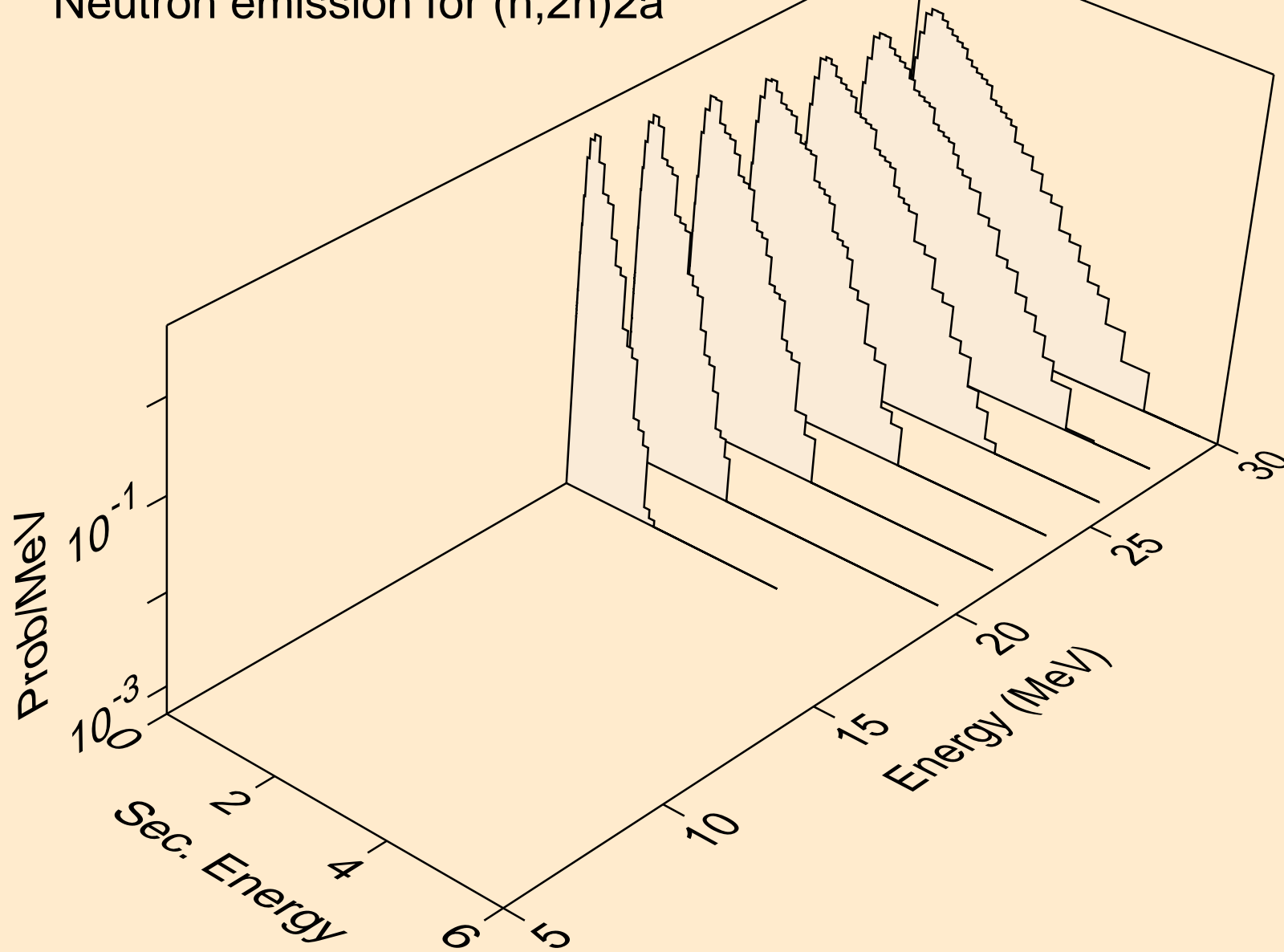


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

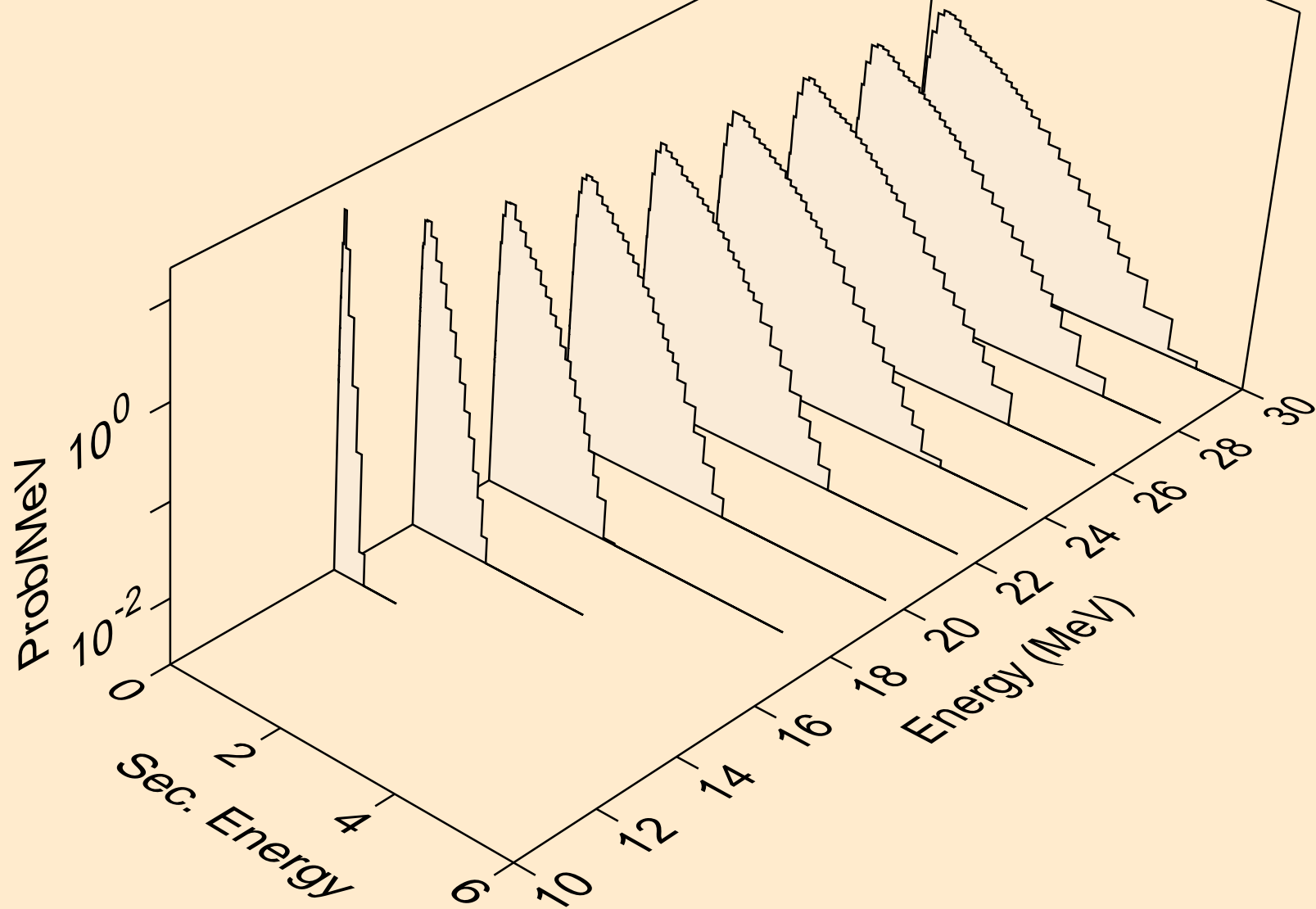




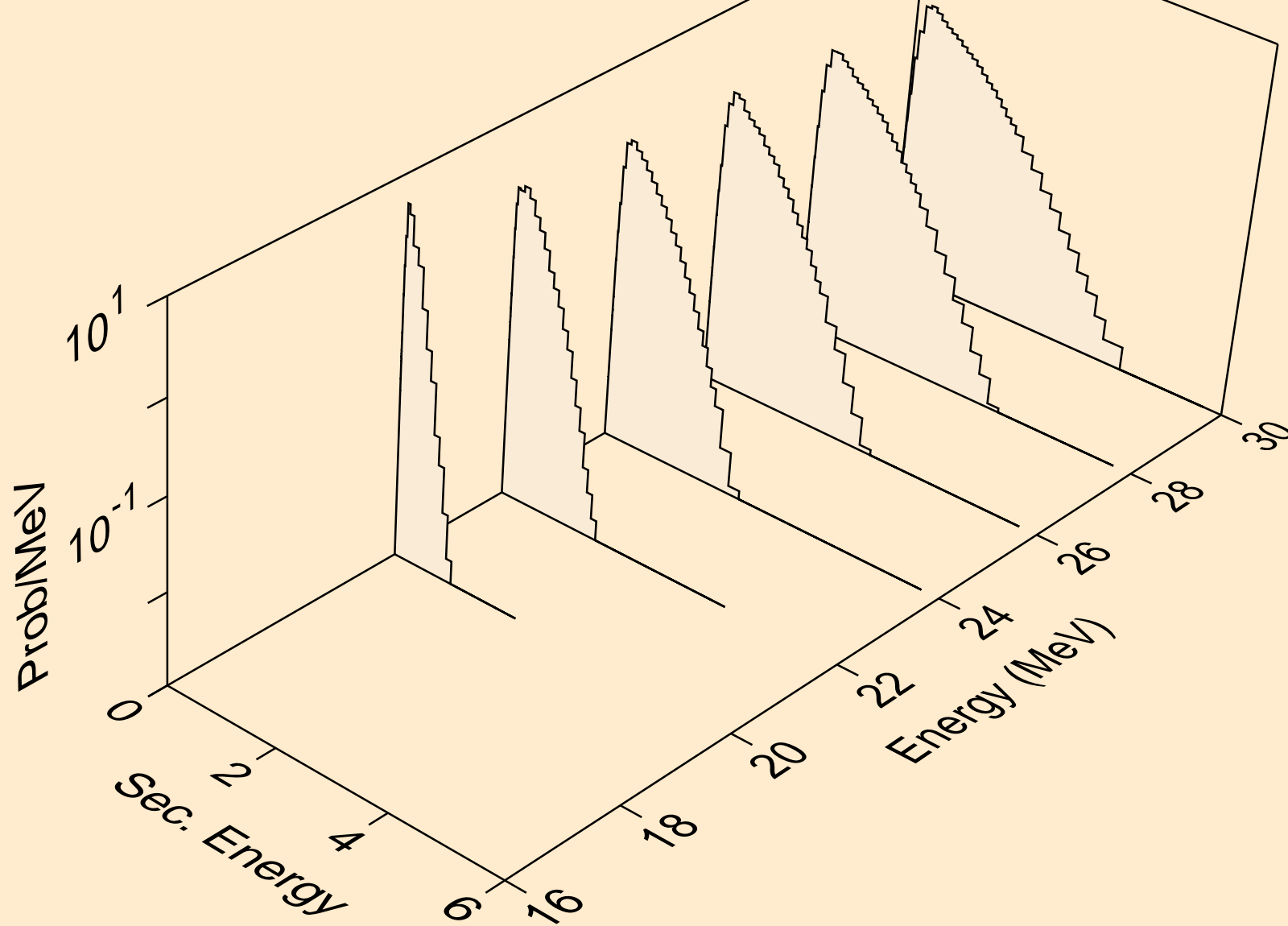
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



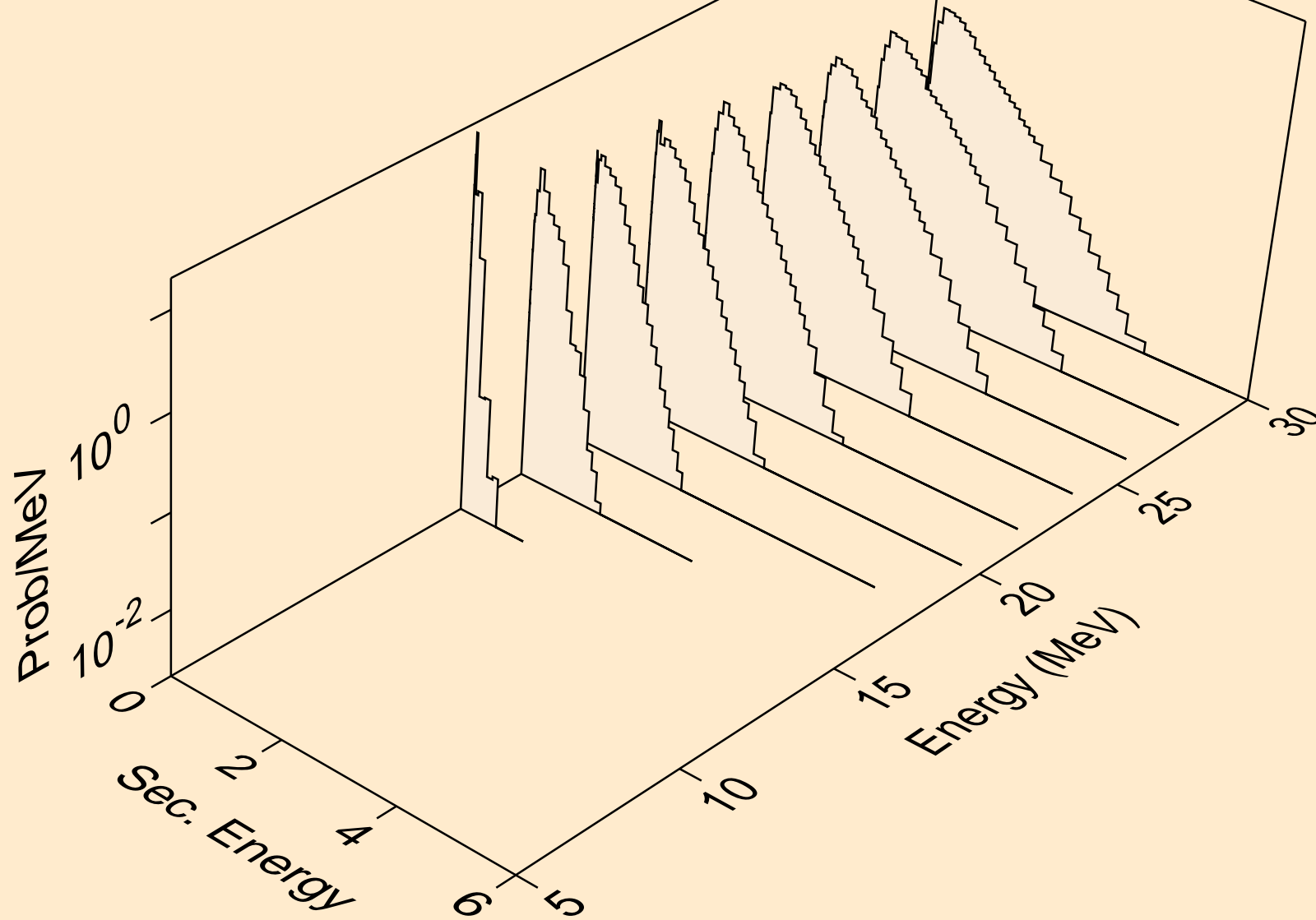
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



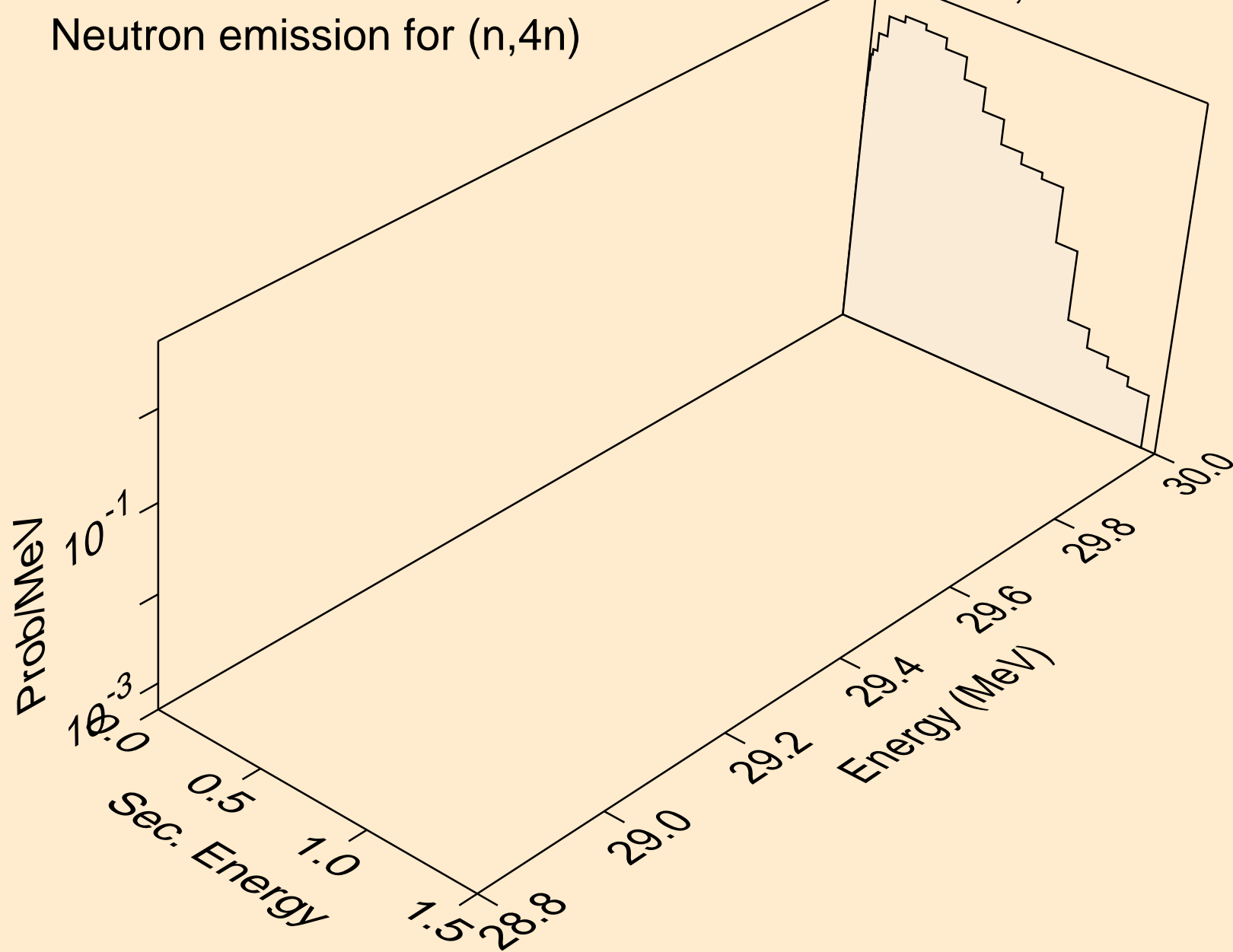
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



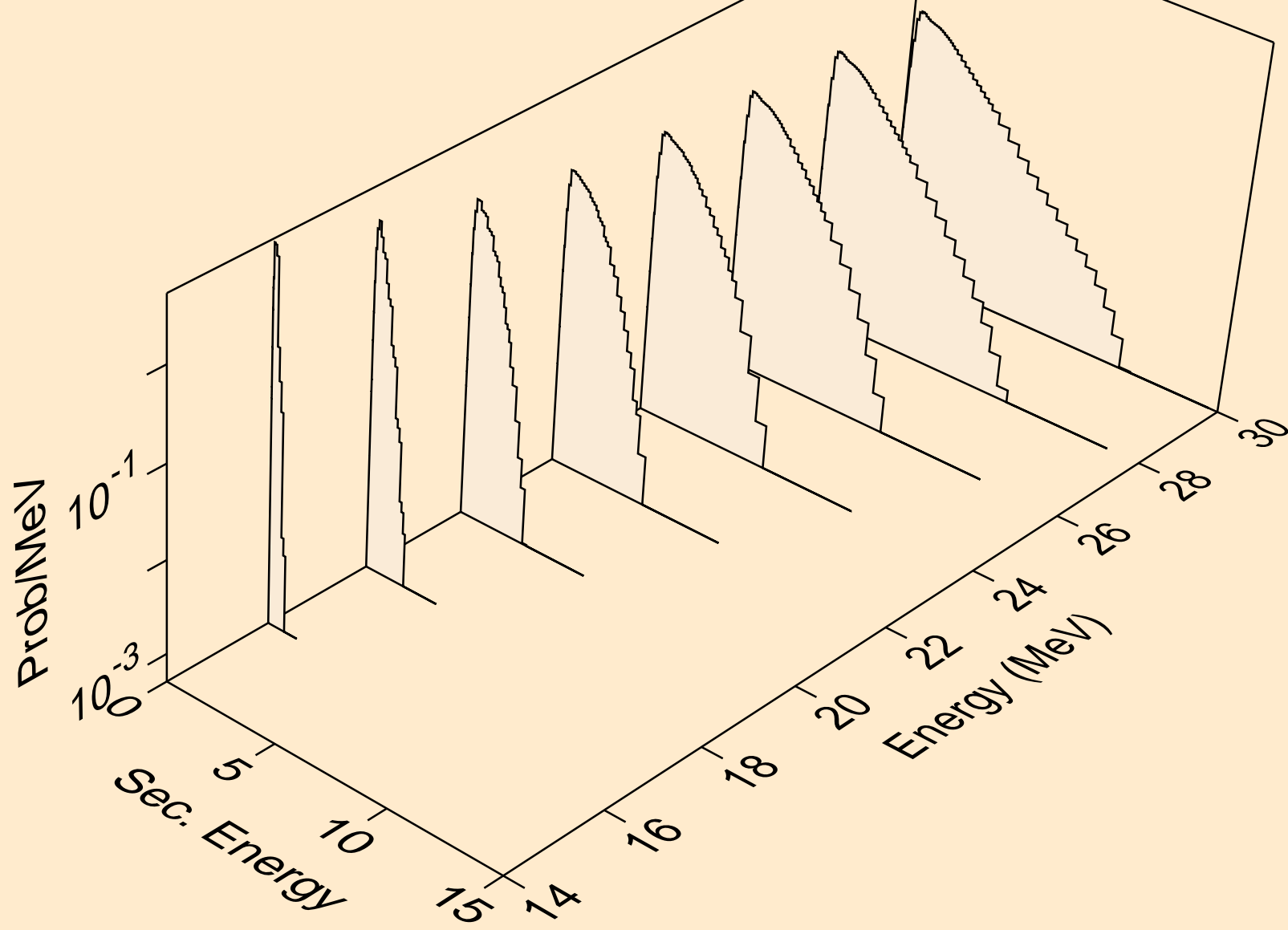
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



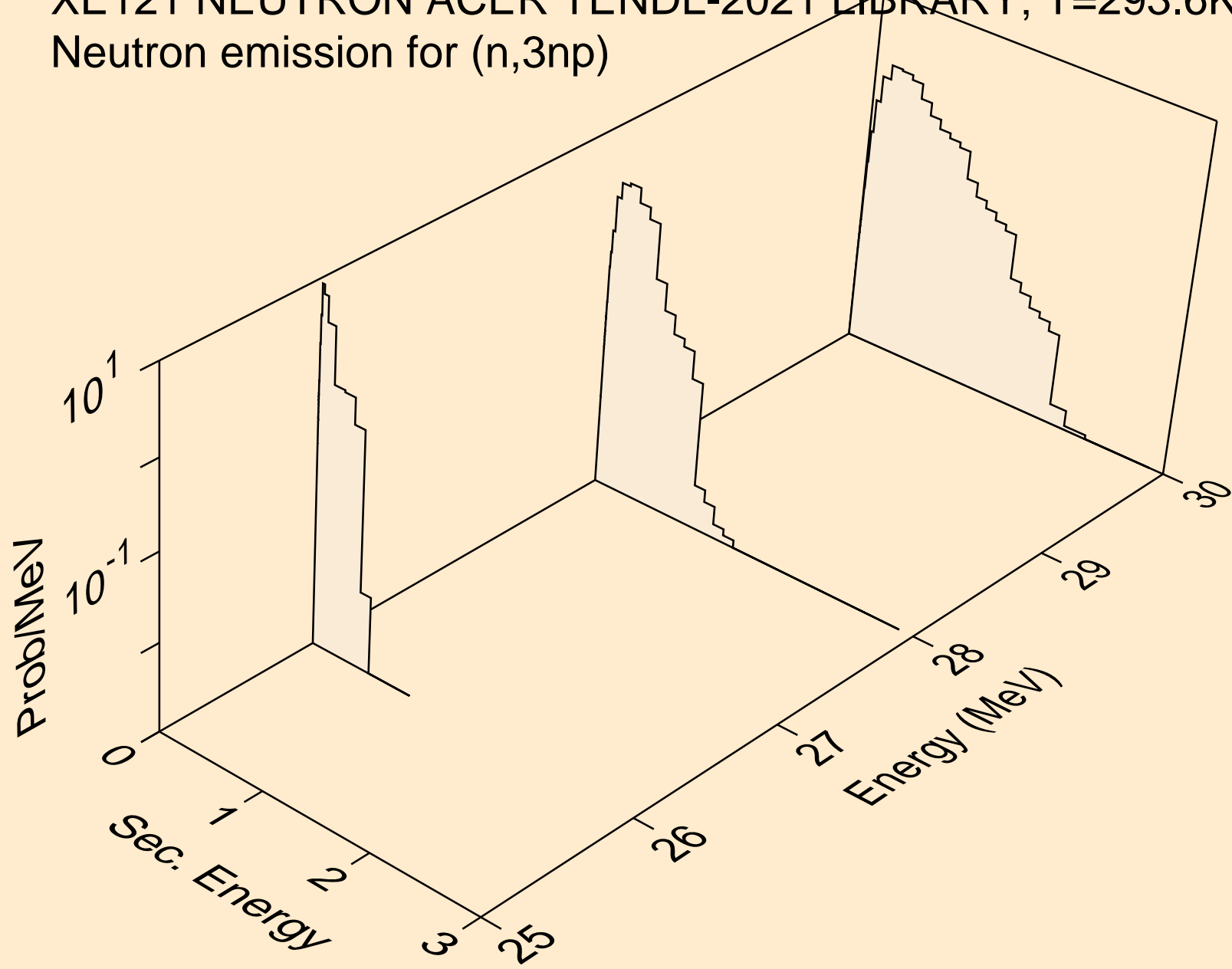
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



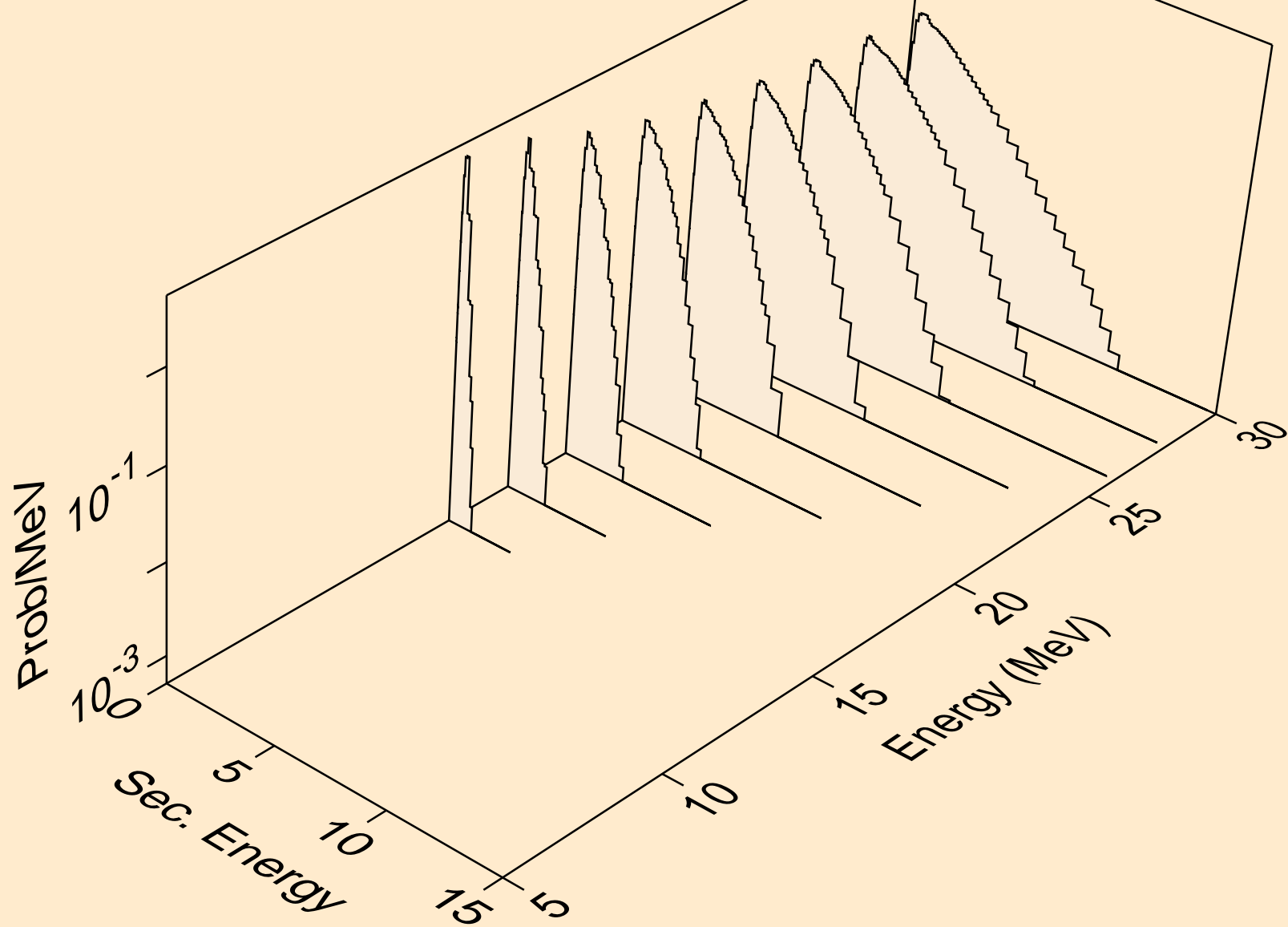
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

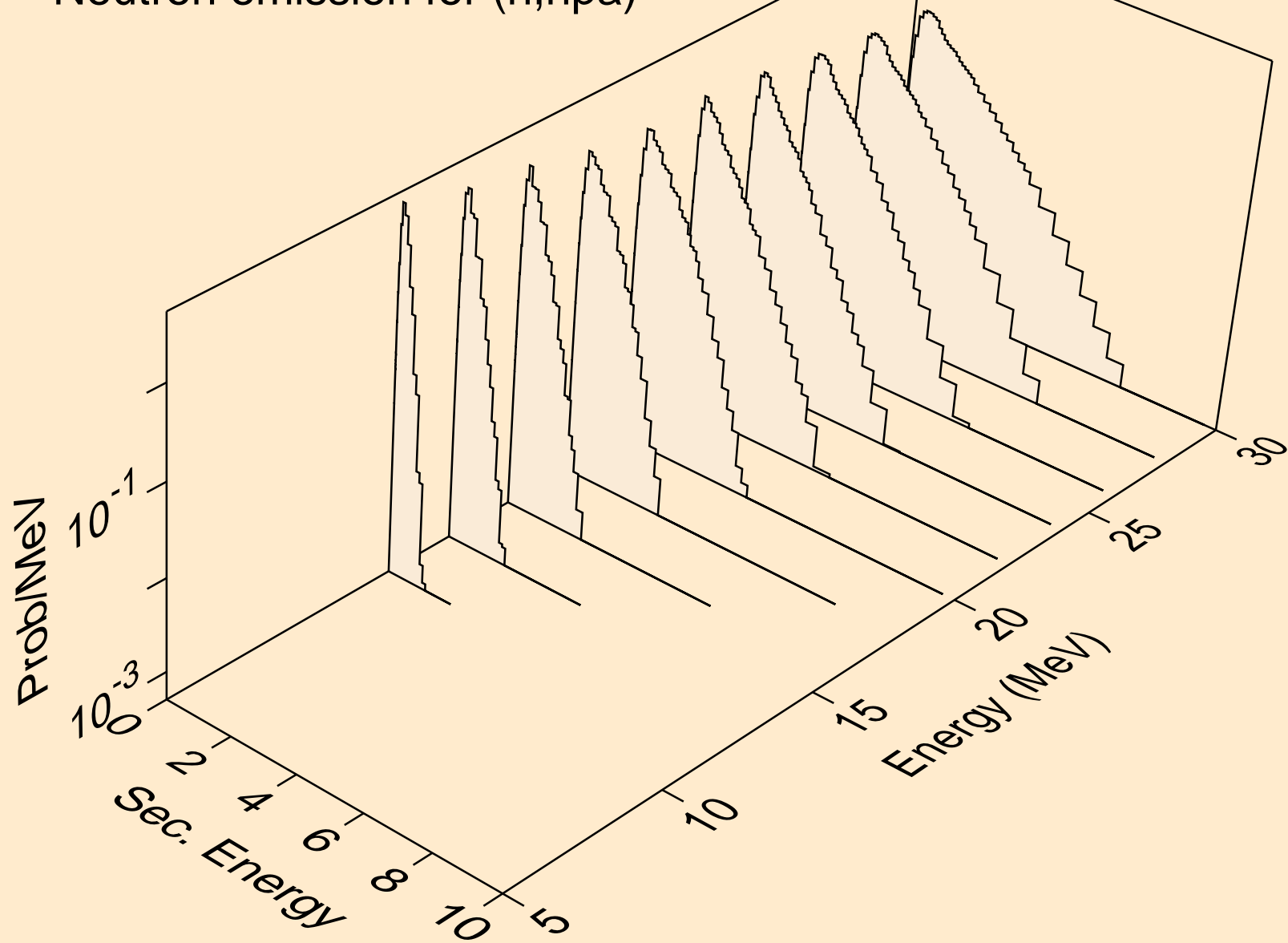


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

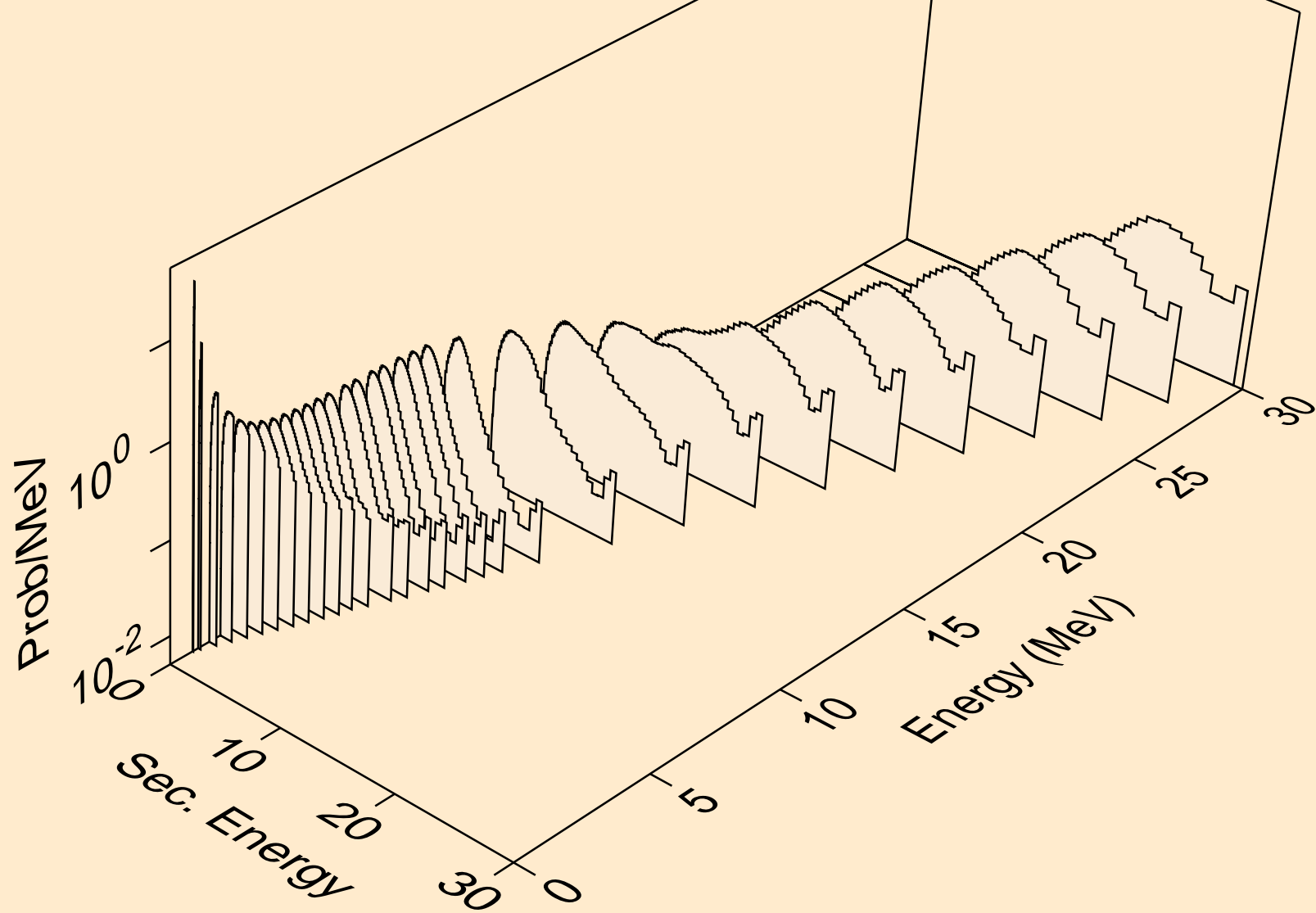




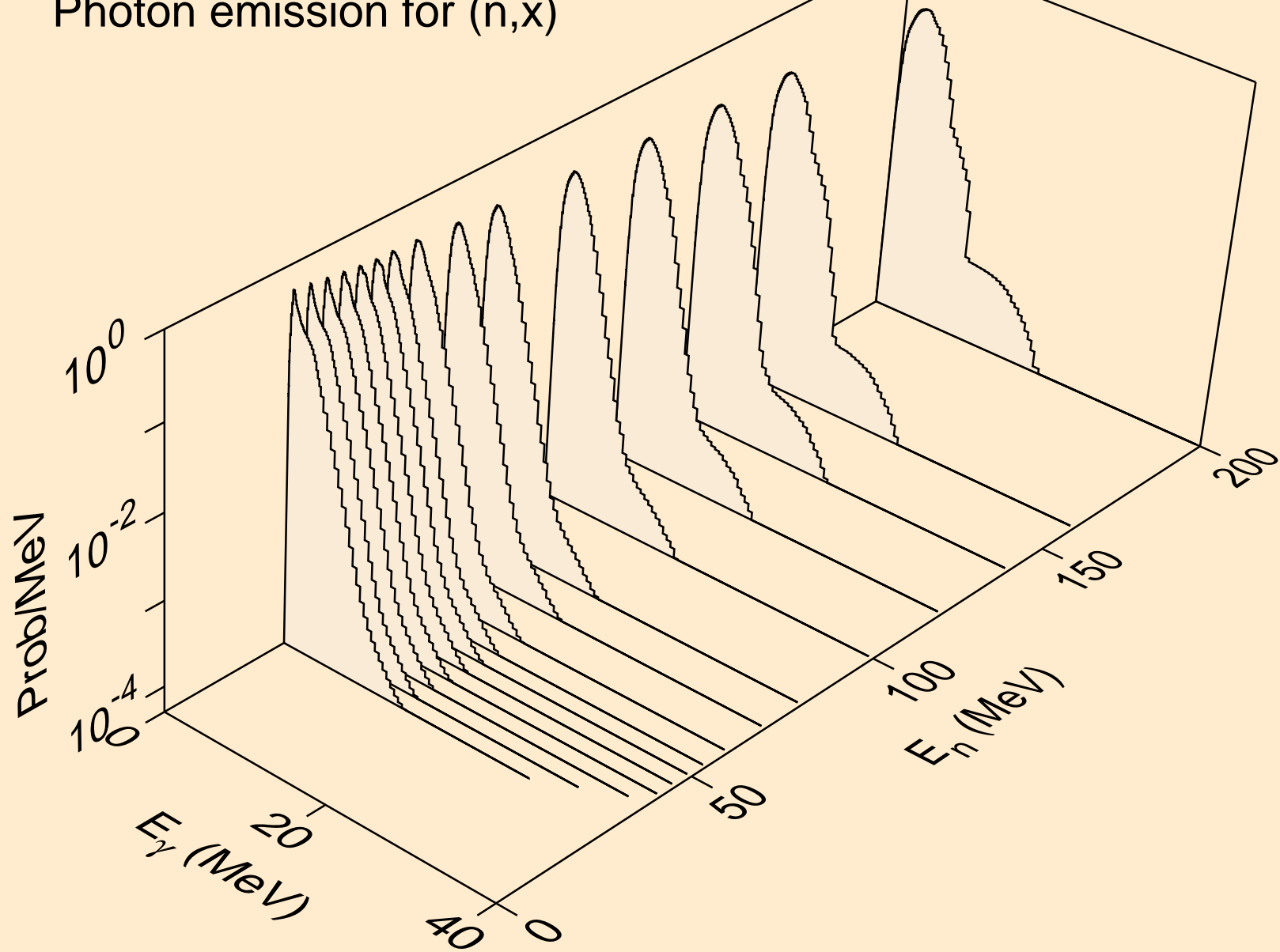
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



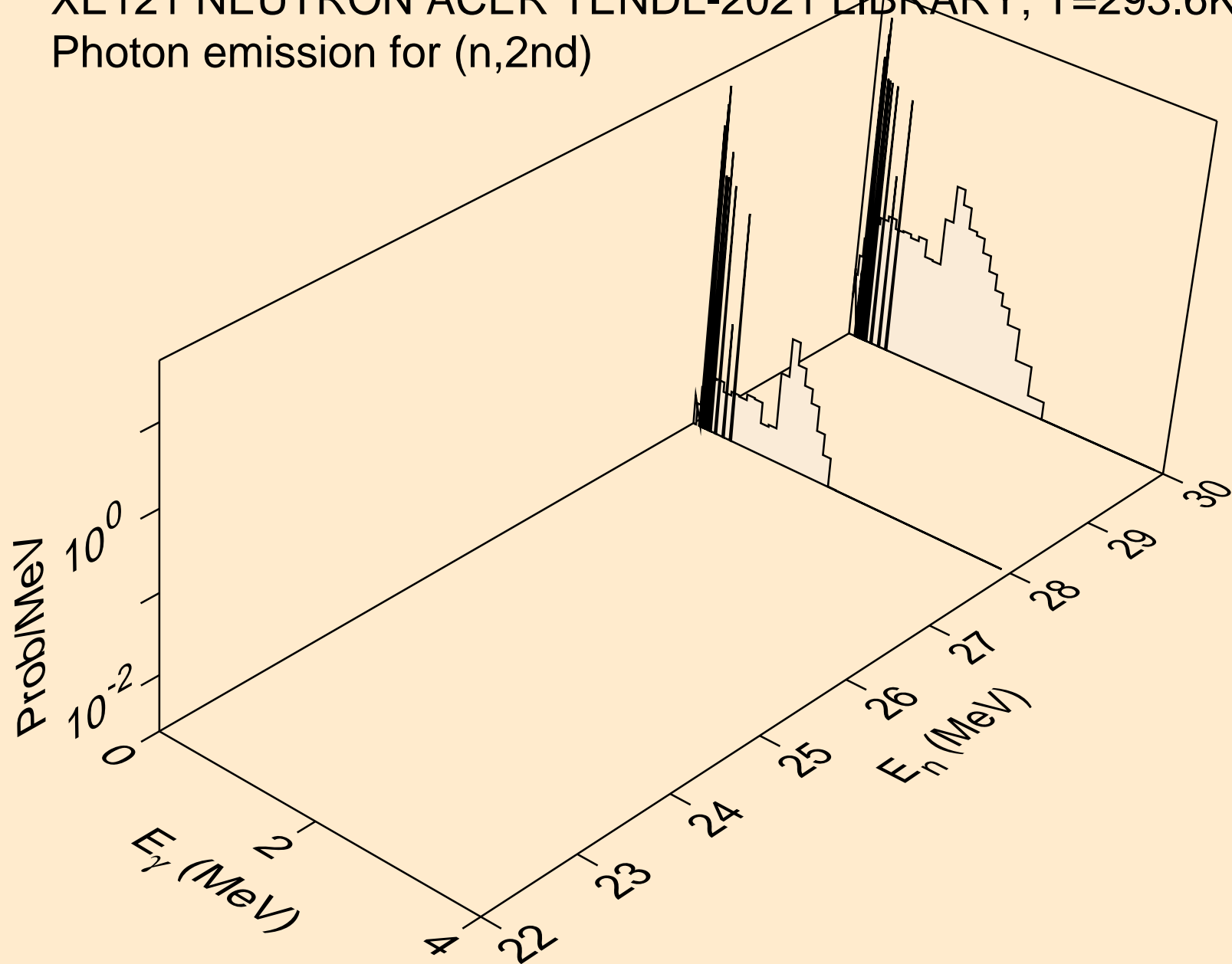
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



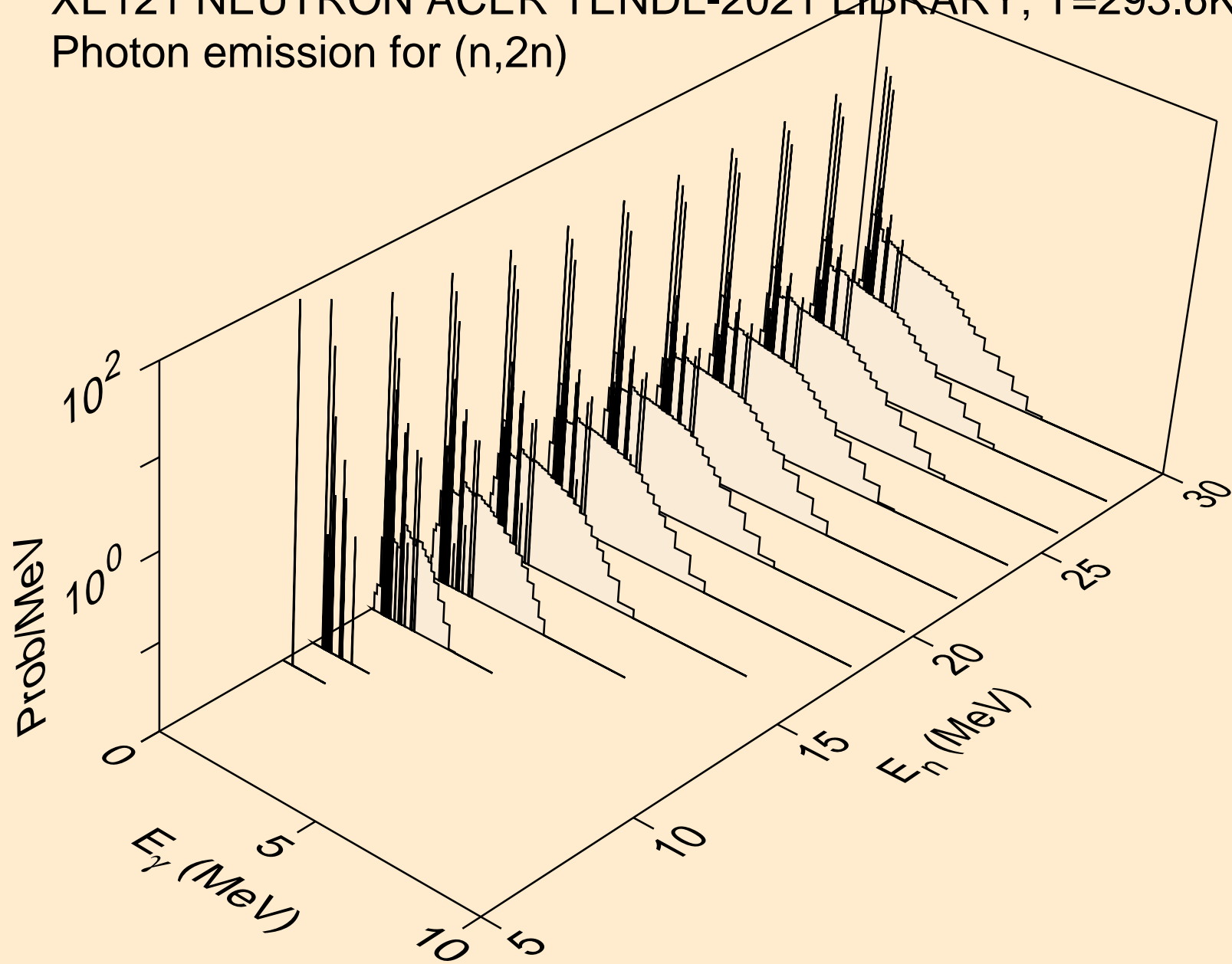
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



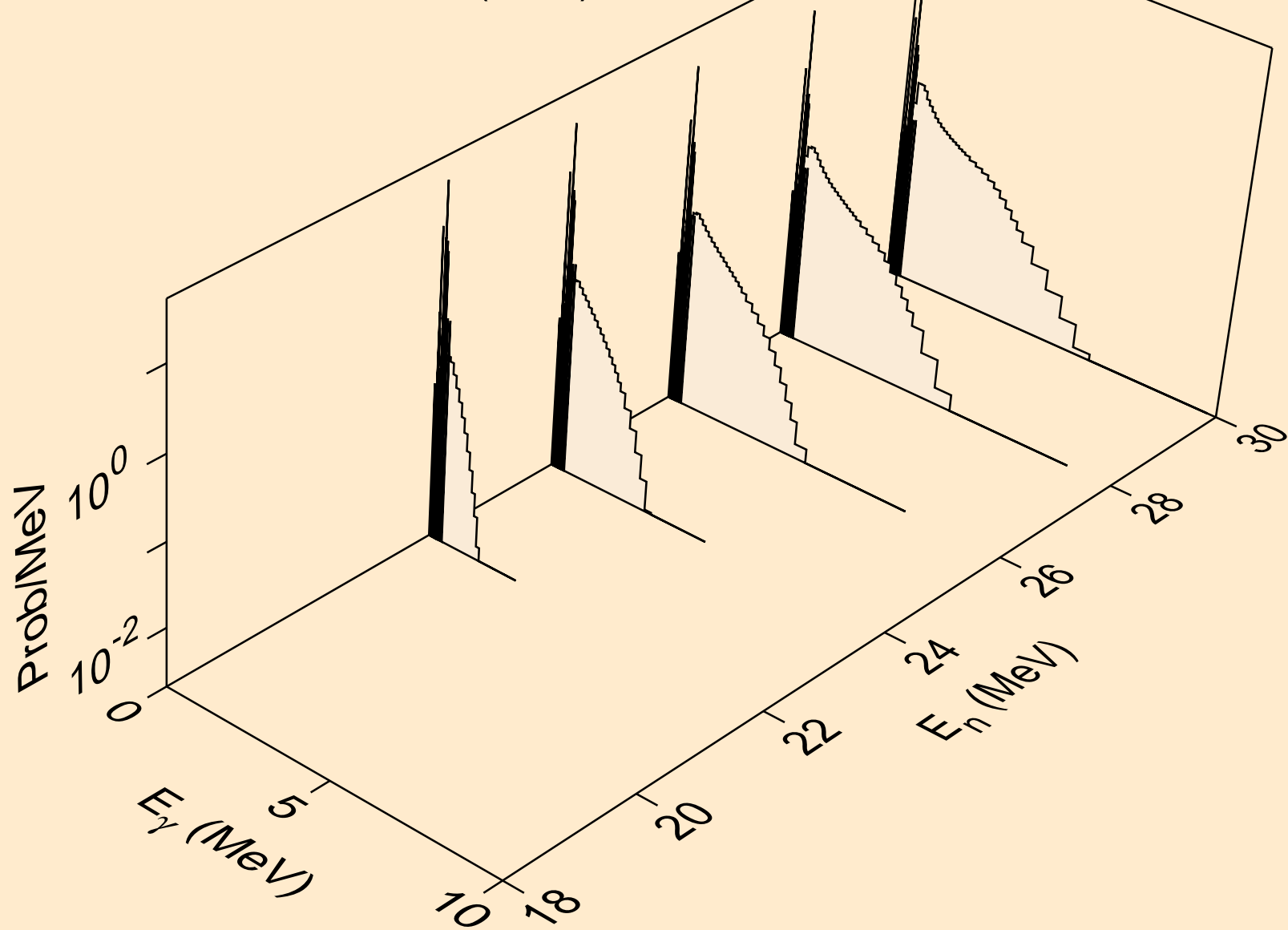
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



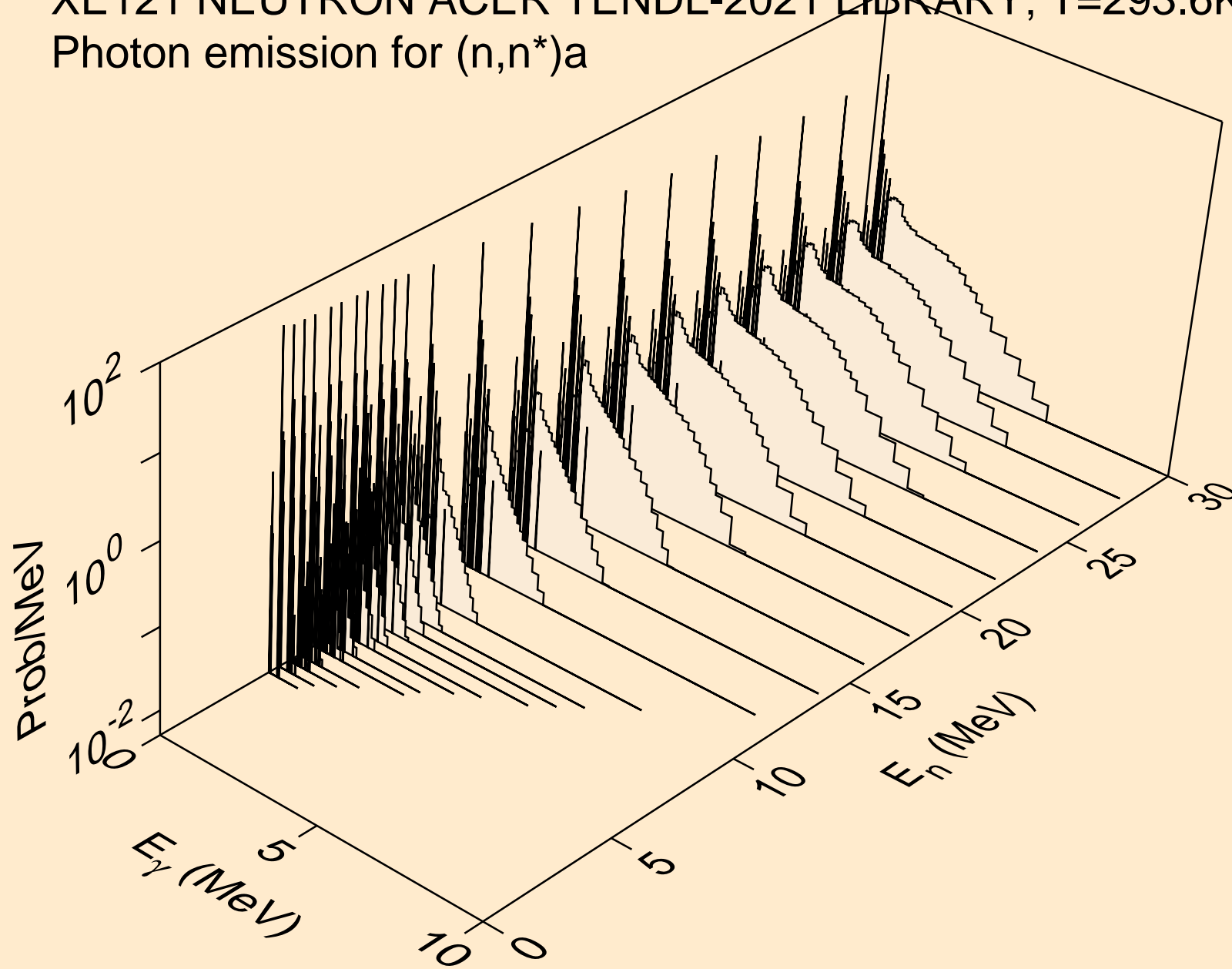
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



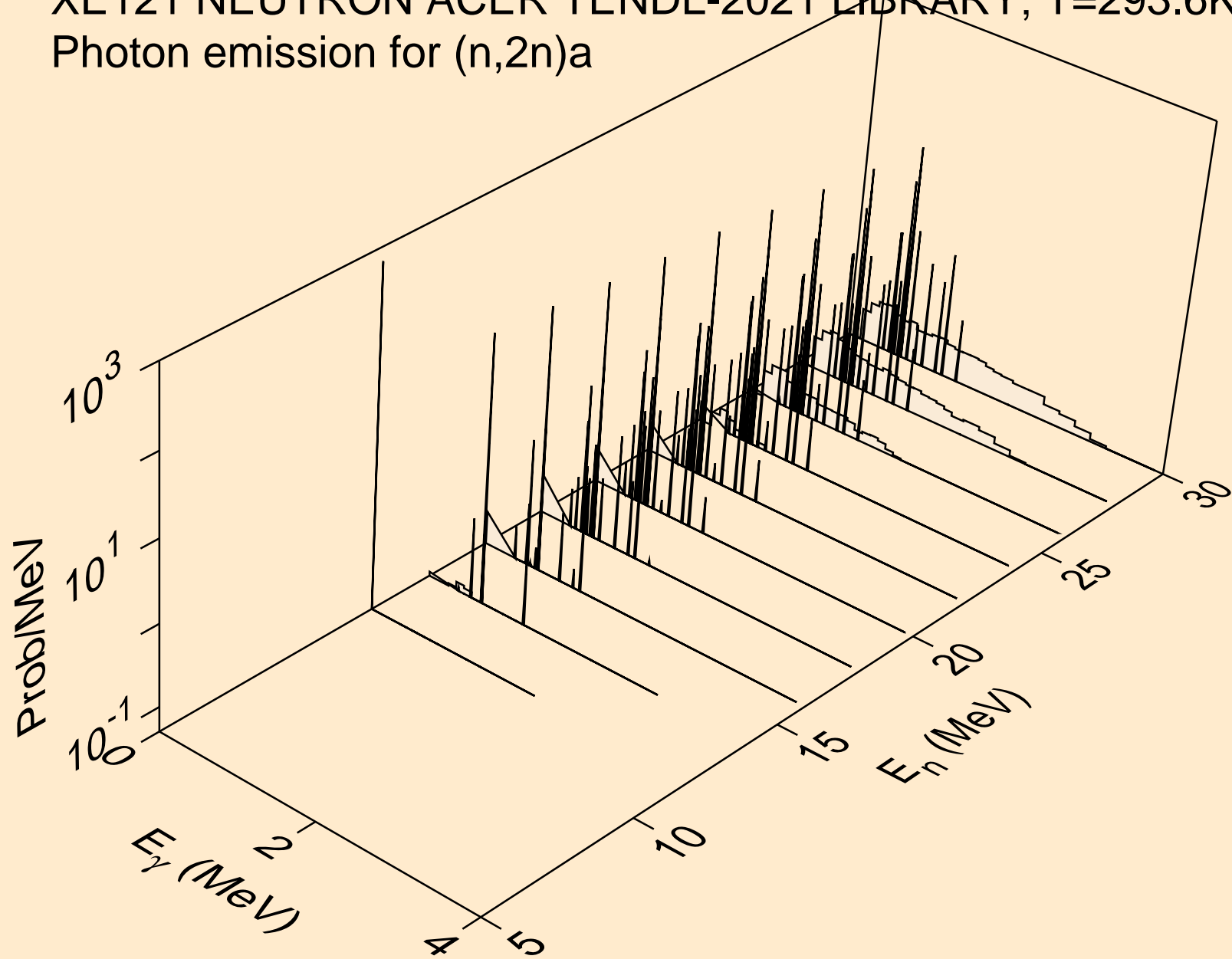
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

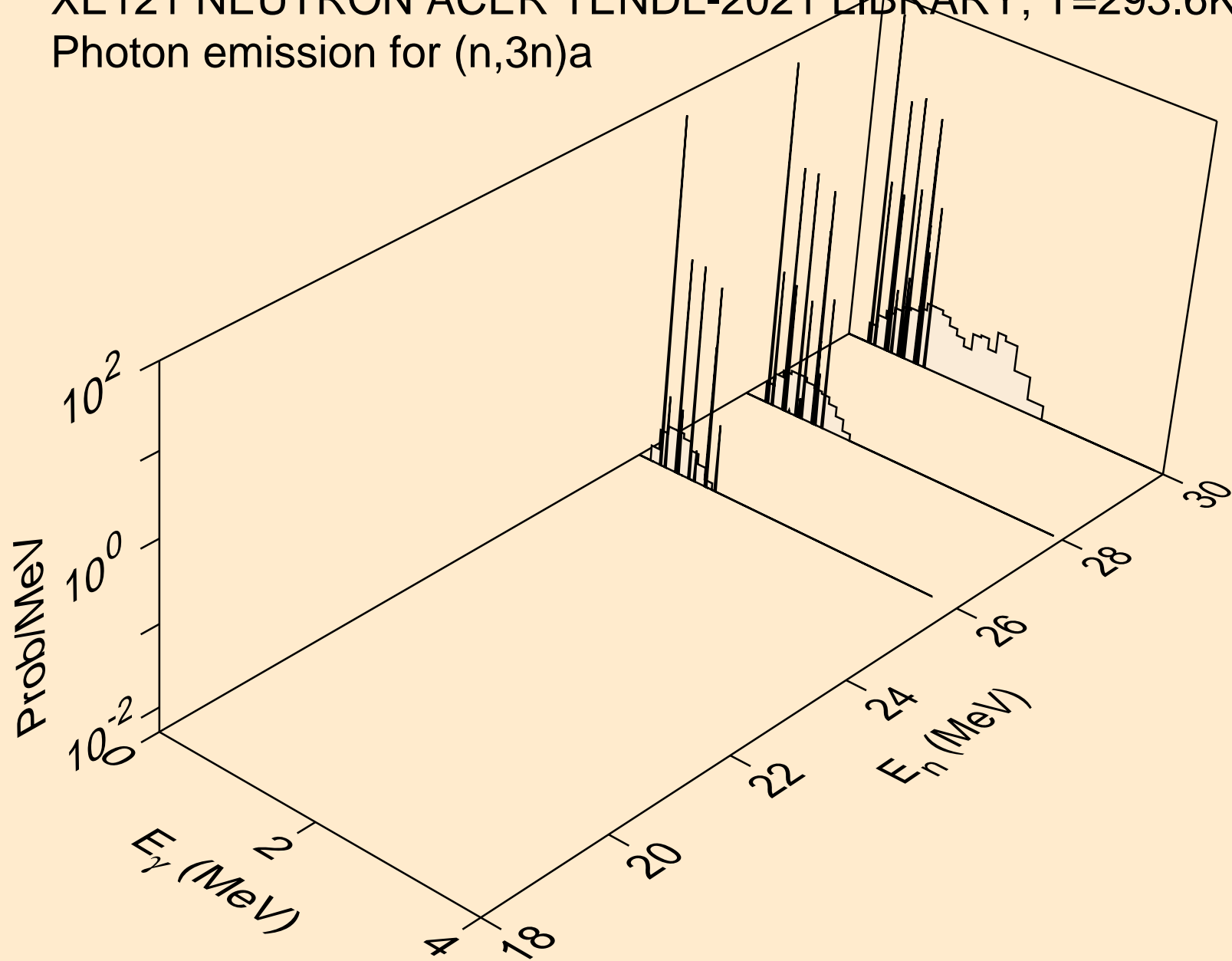


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

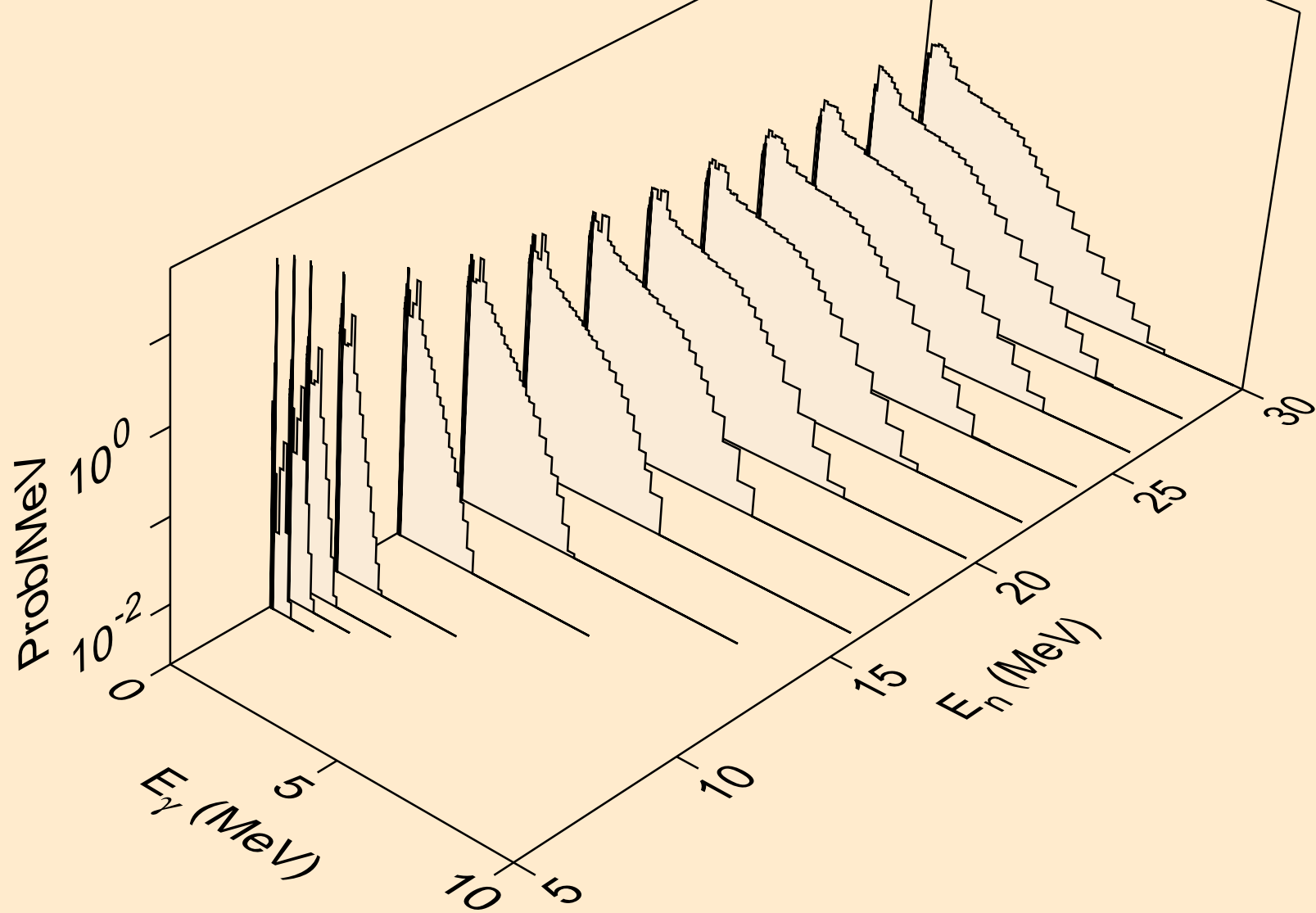




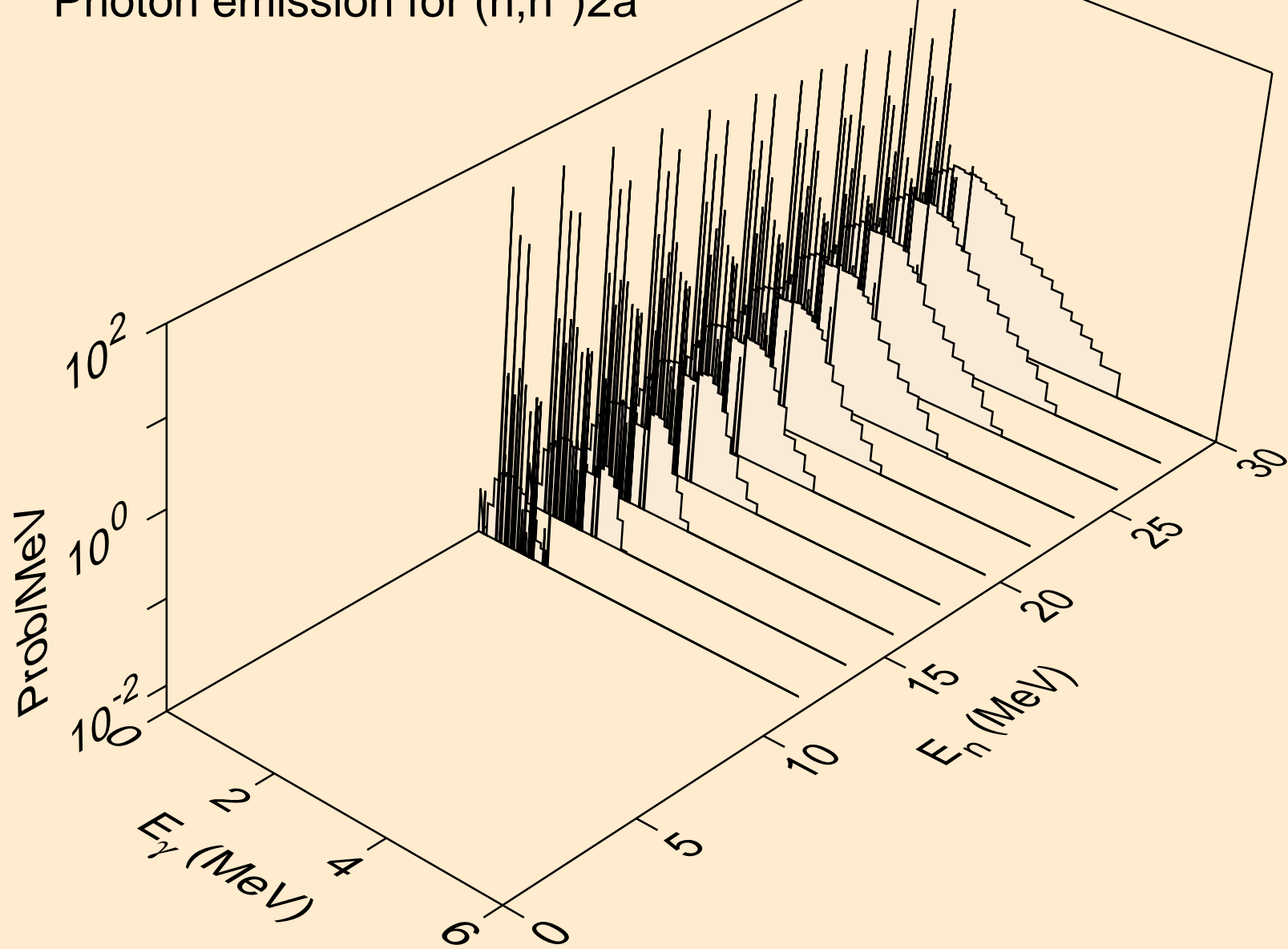
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



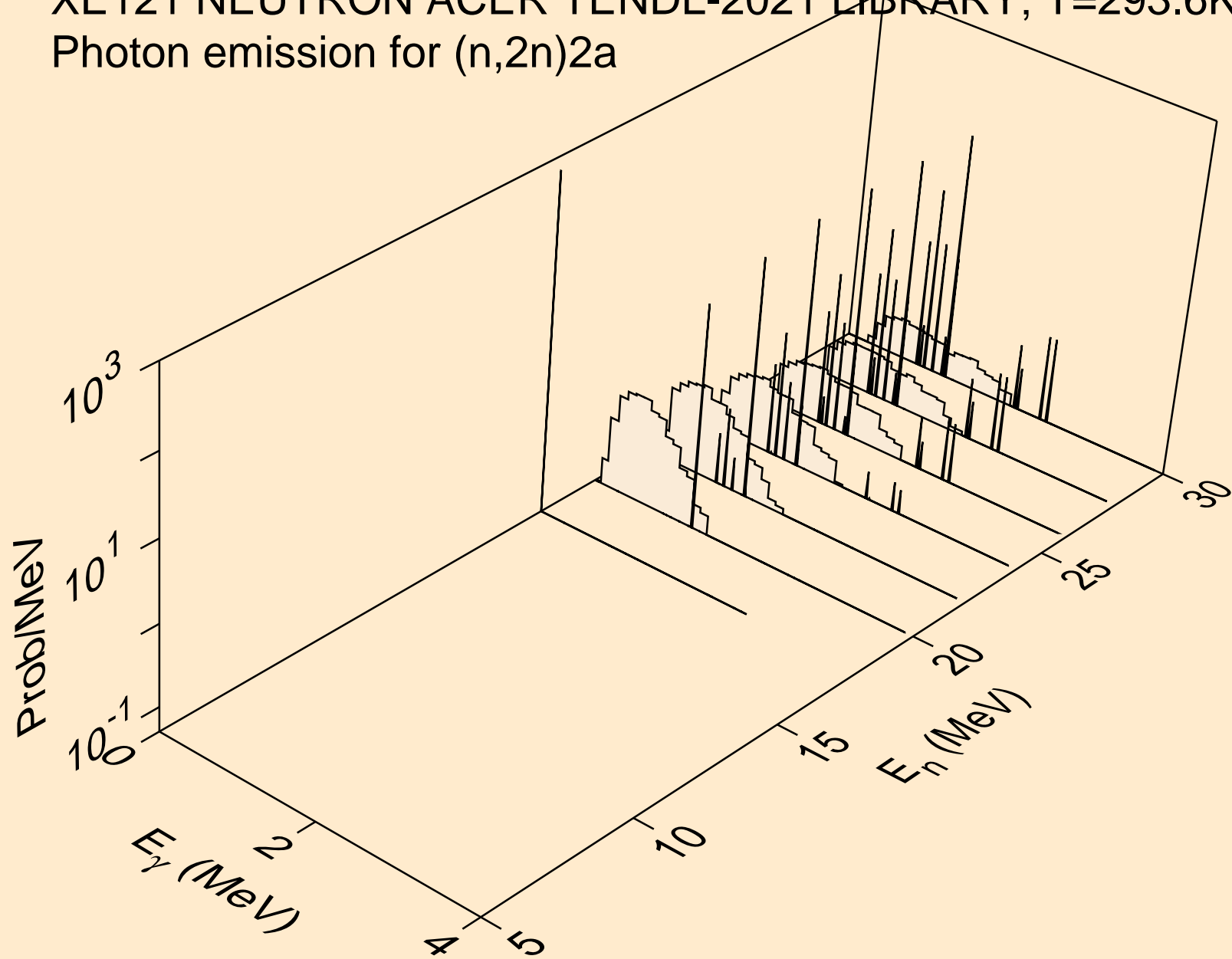
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



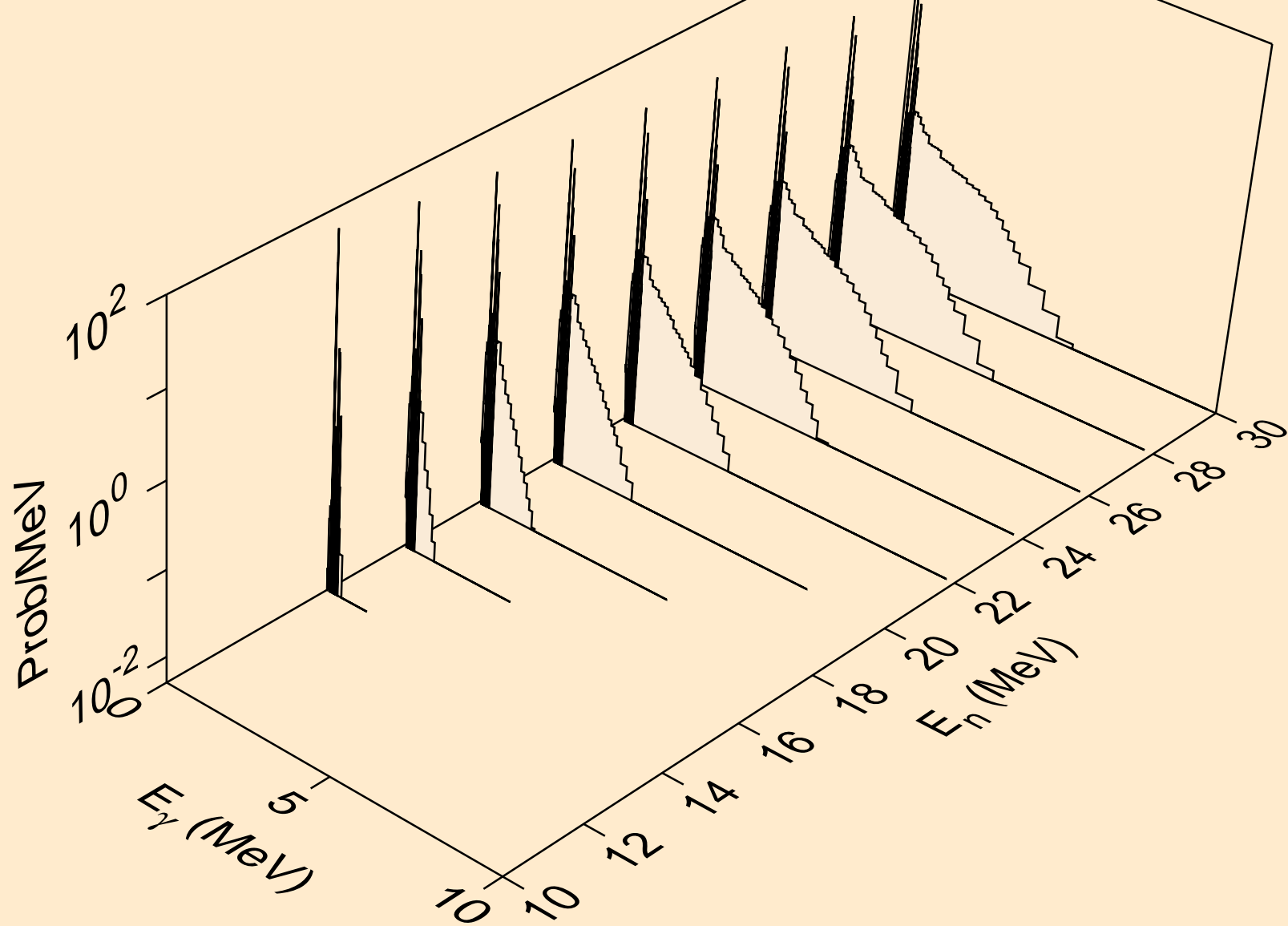
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



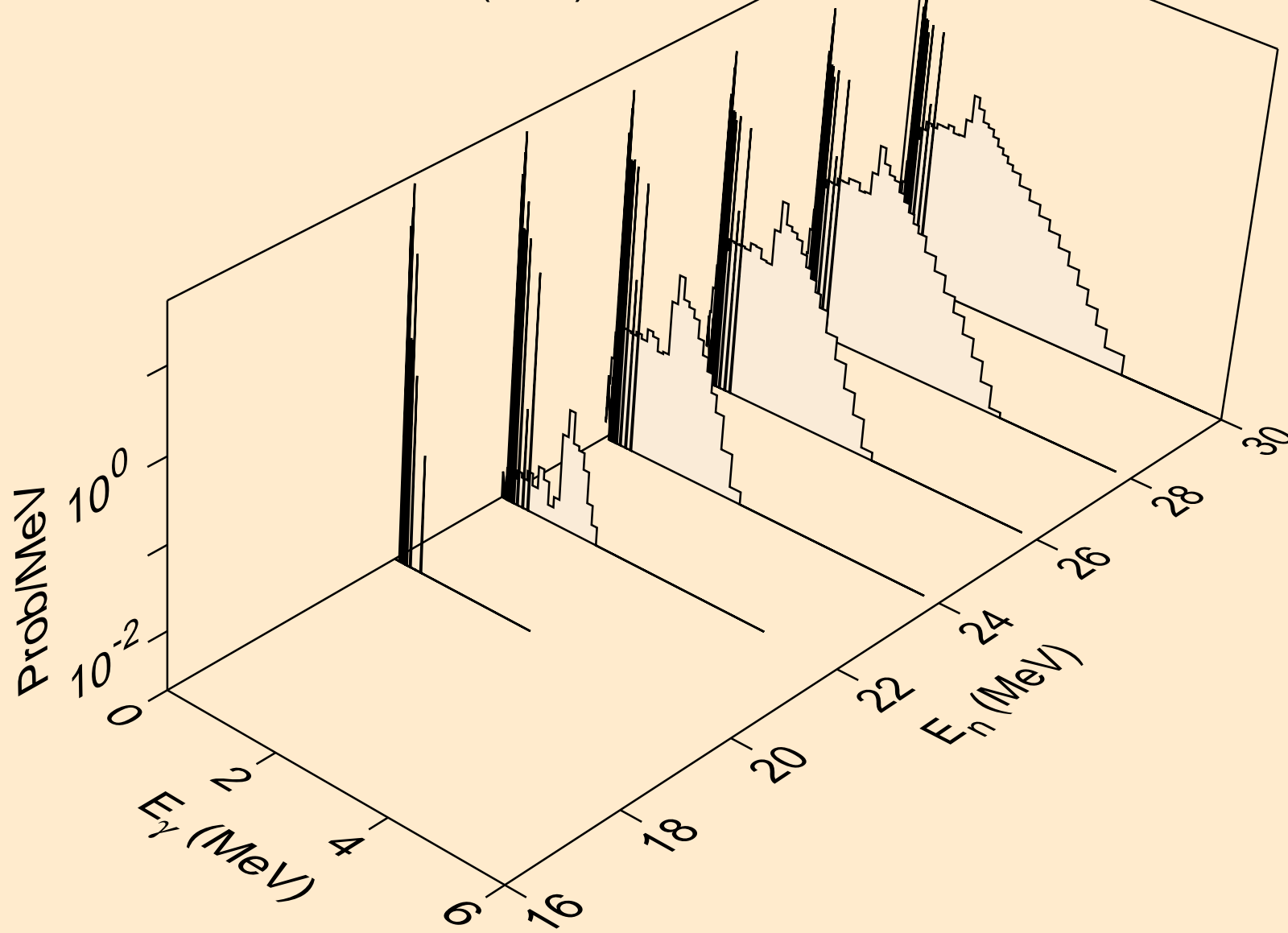
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



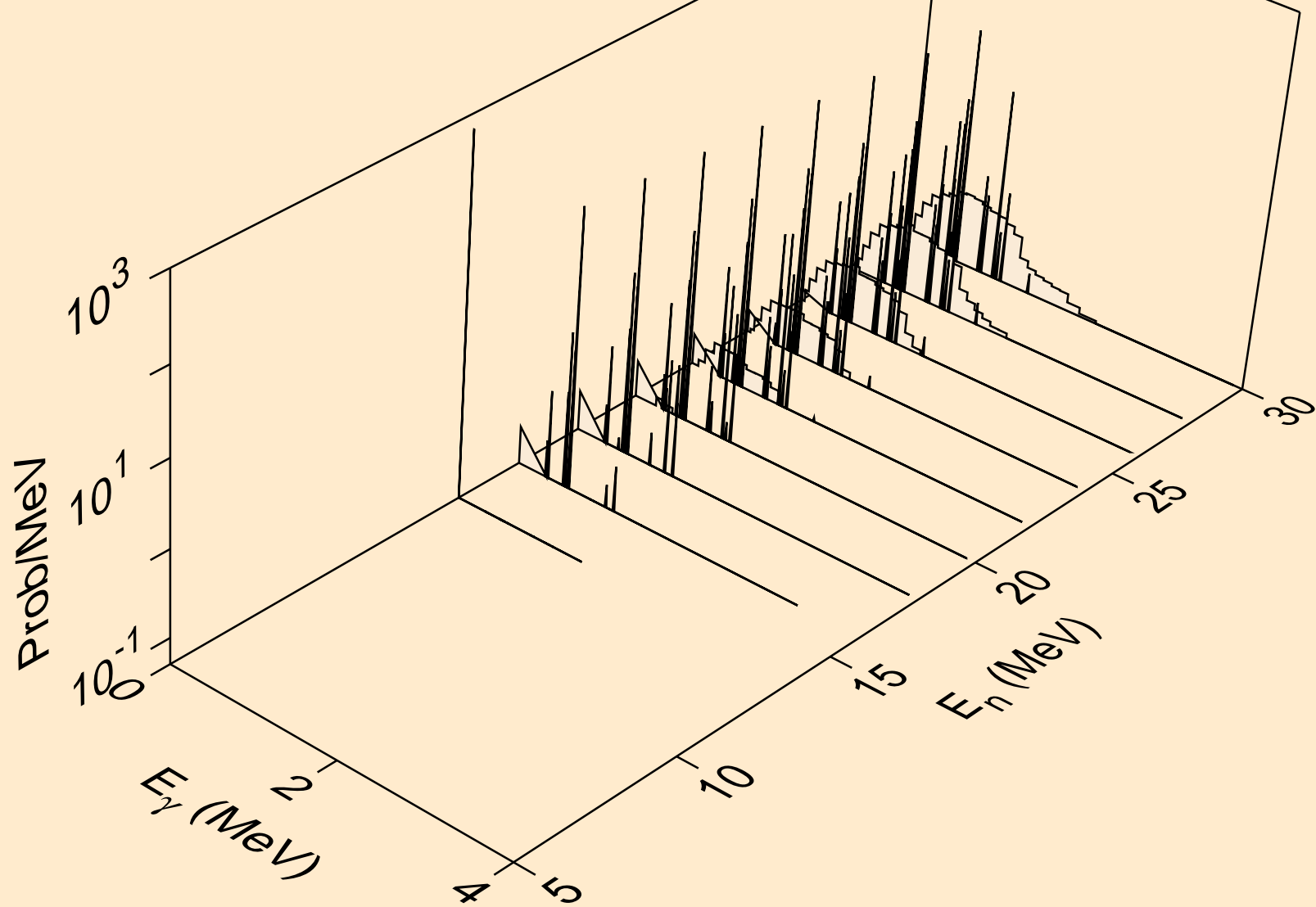
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



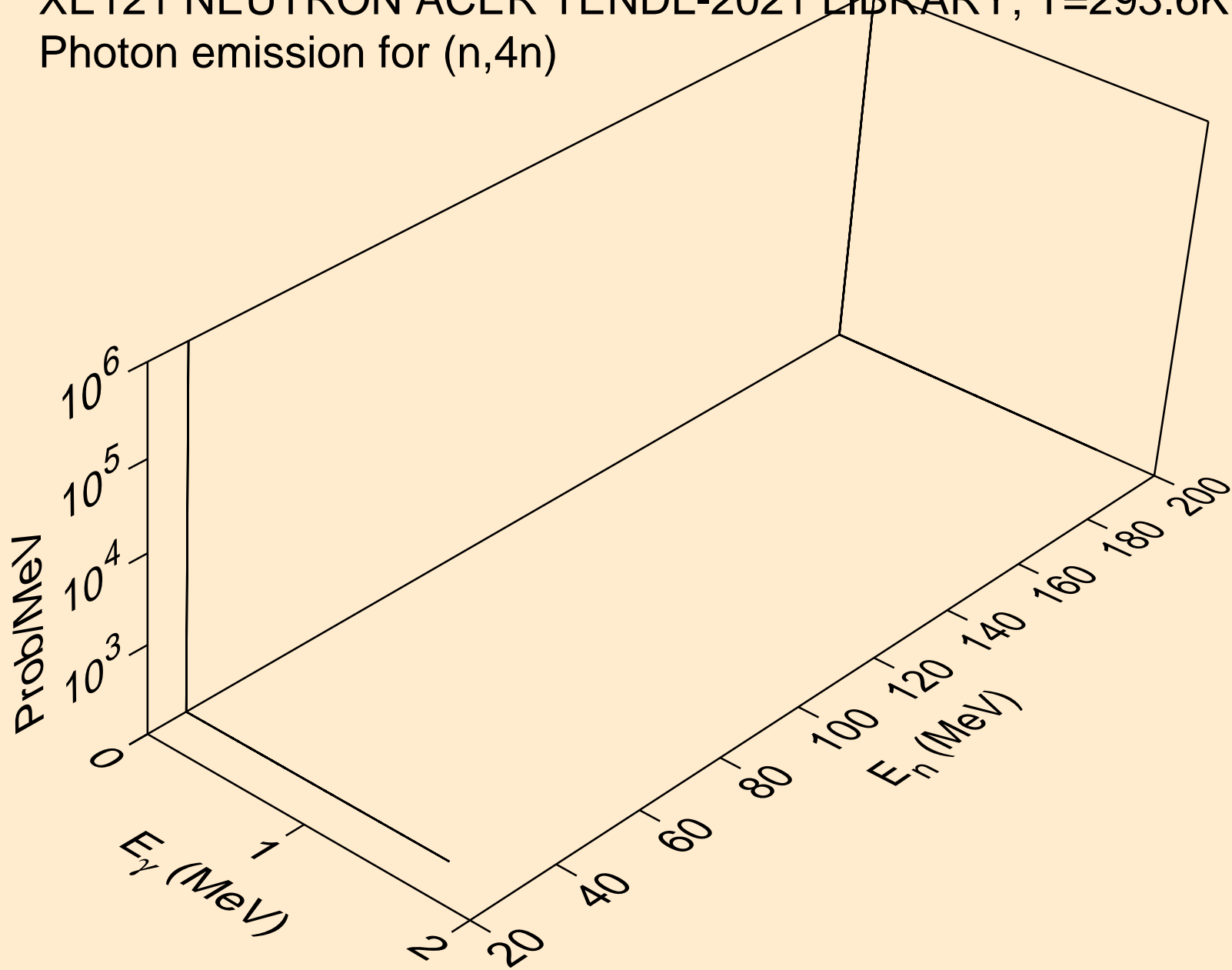
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

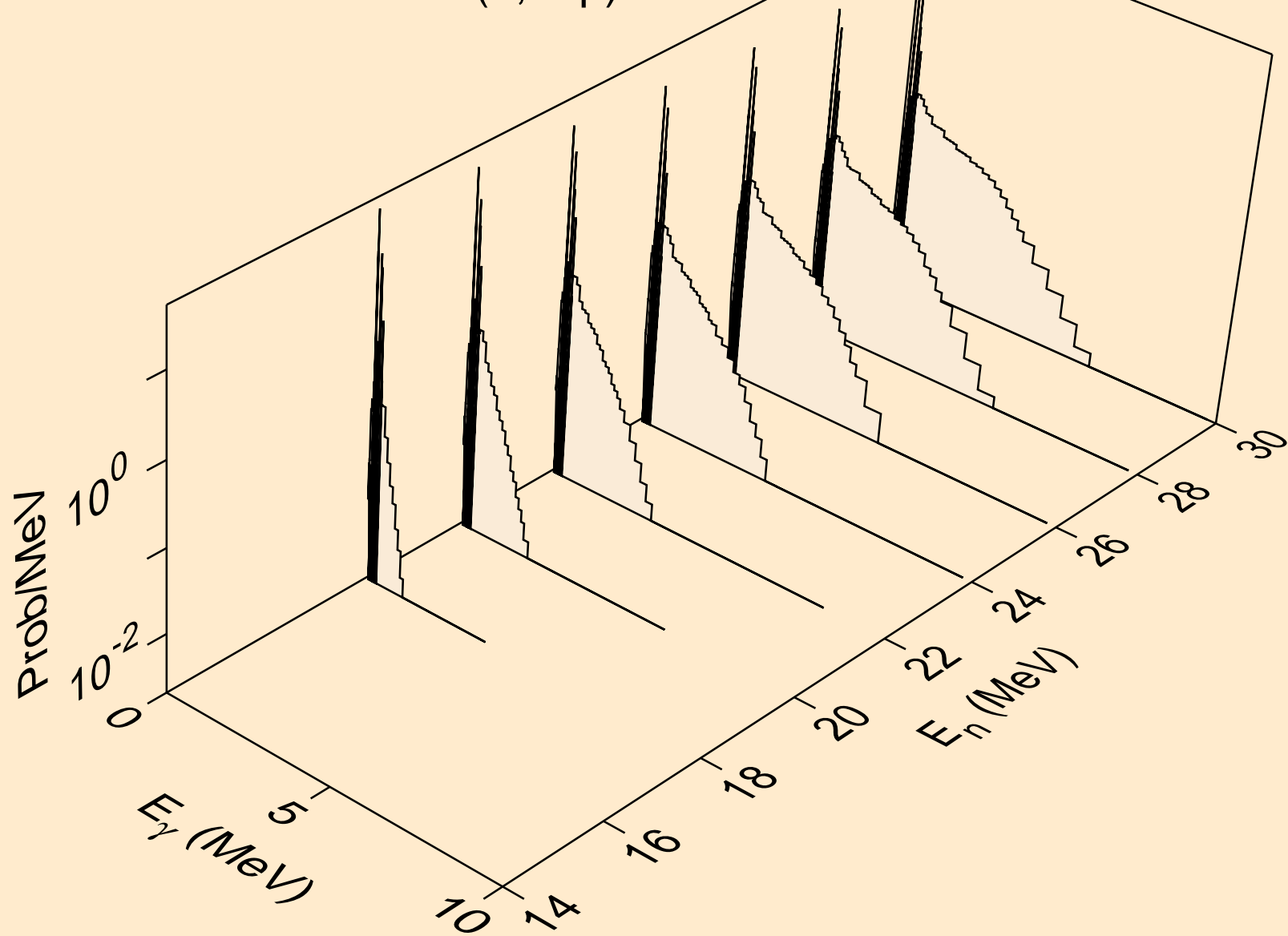


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

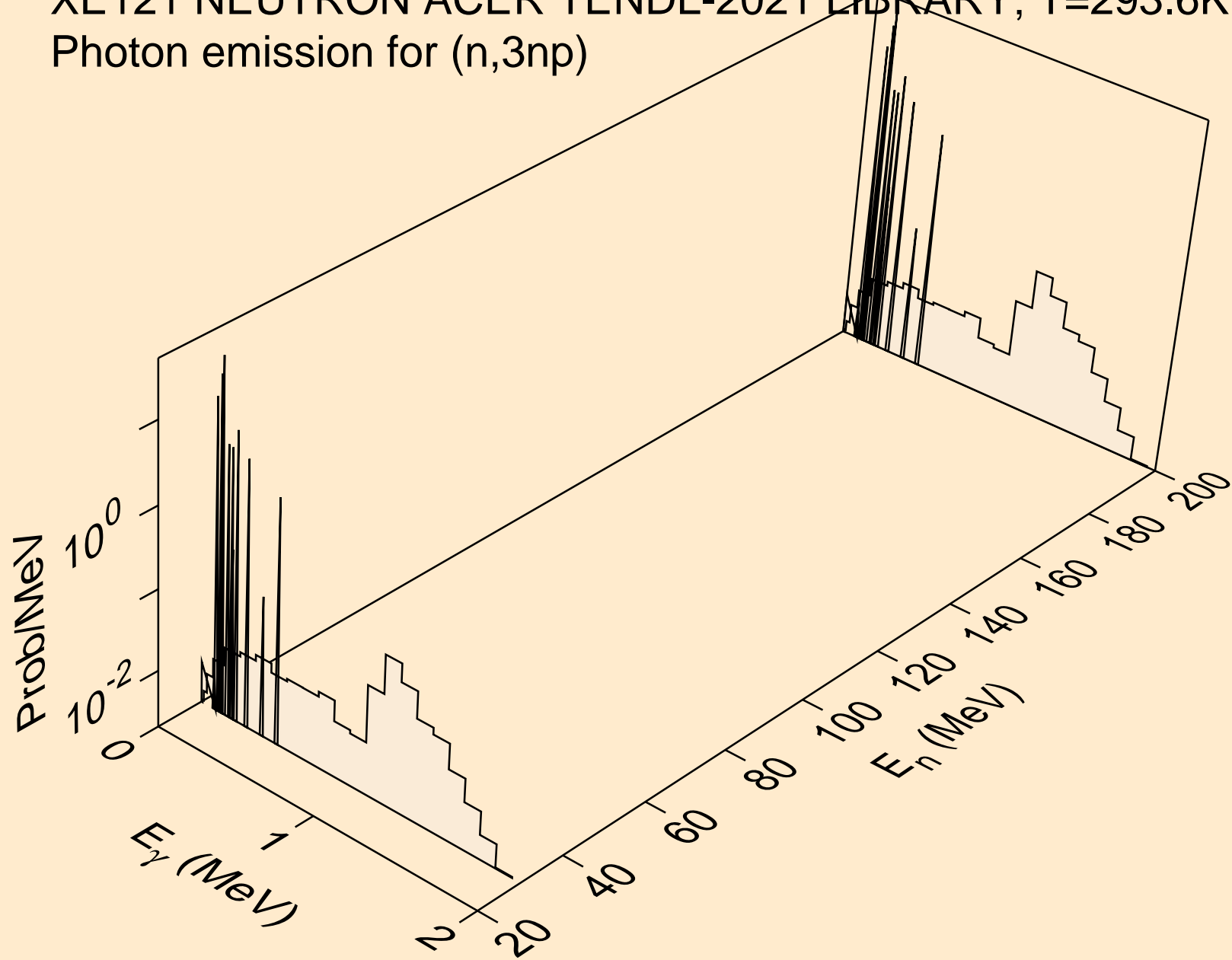




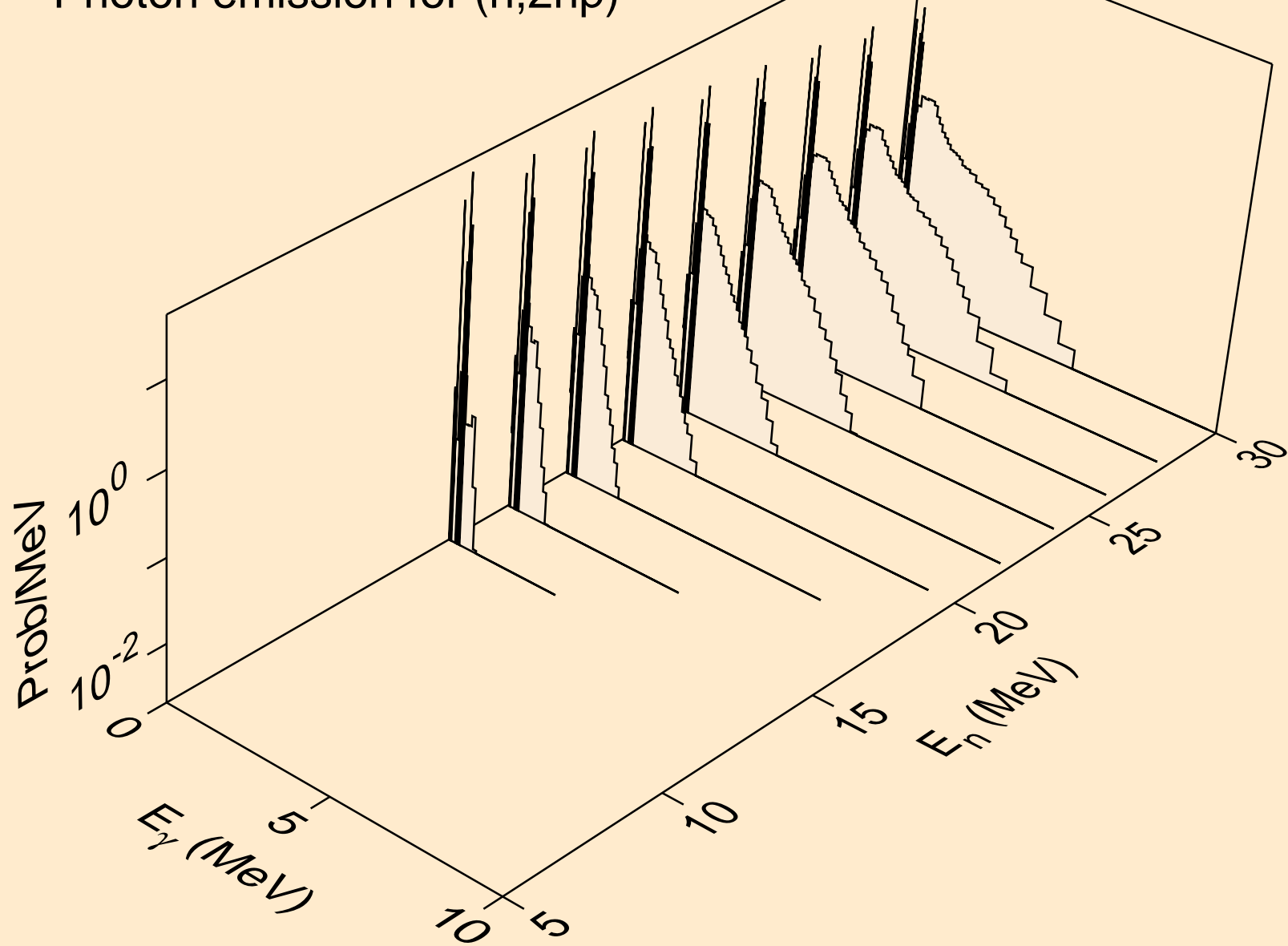
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



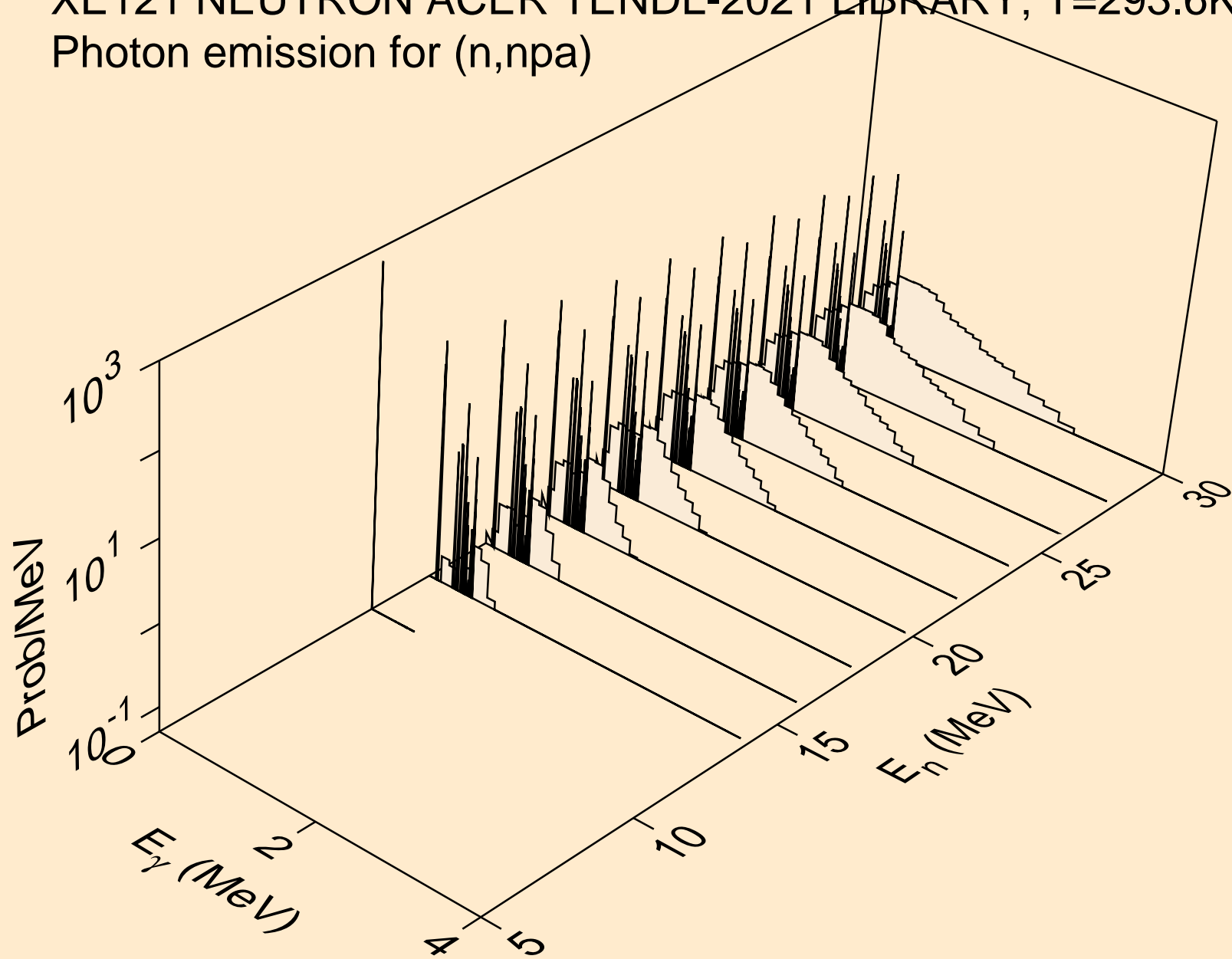
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Photon emission for (n,3np)



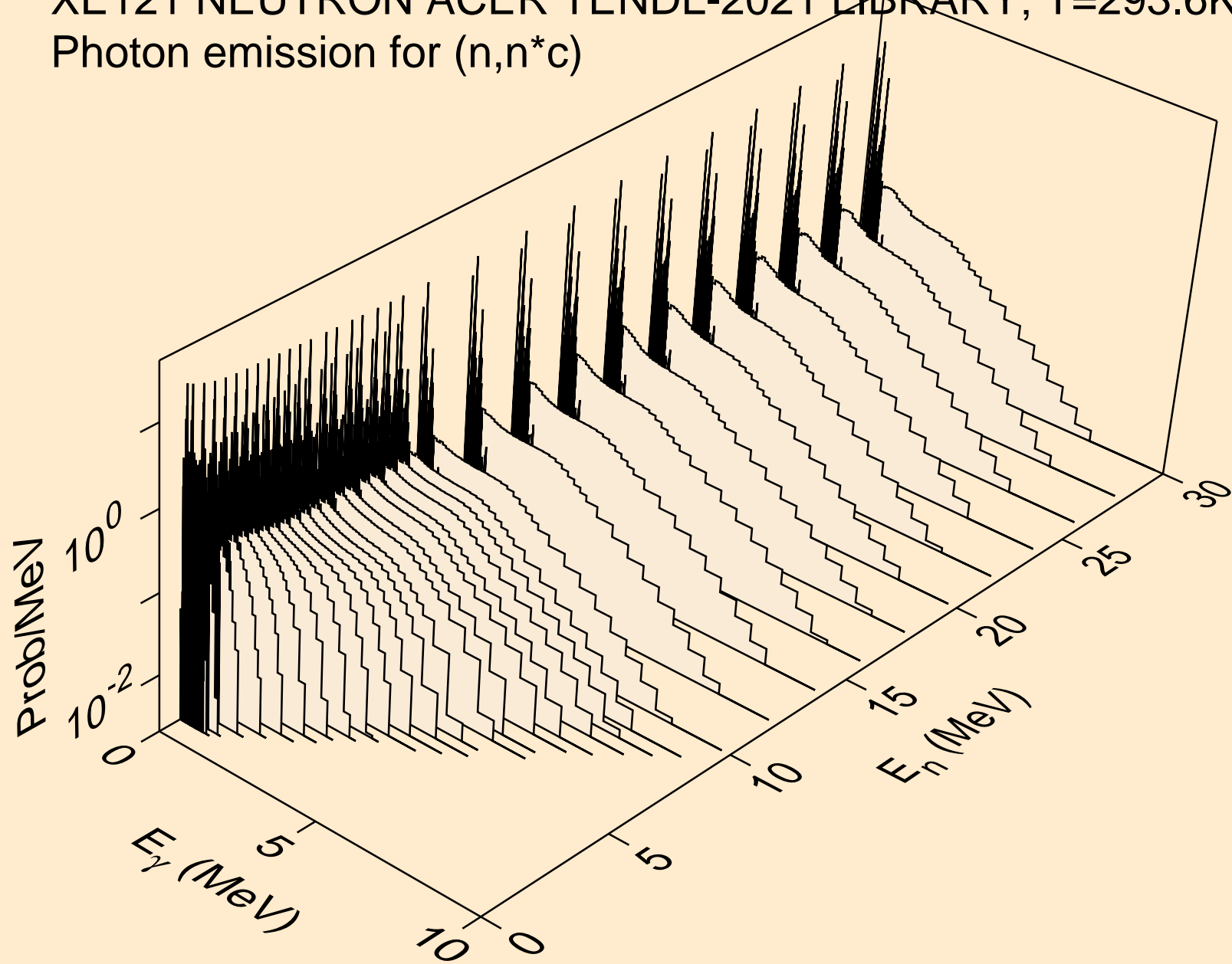
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Photon emission for (n,2np)



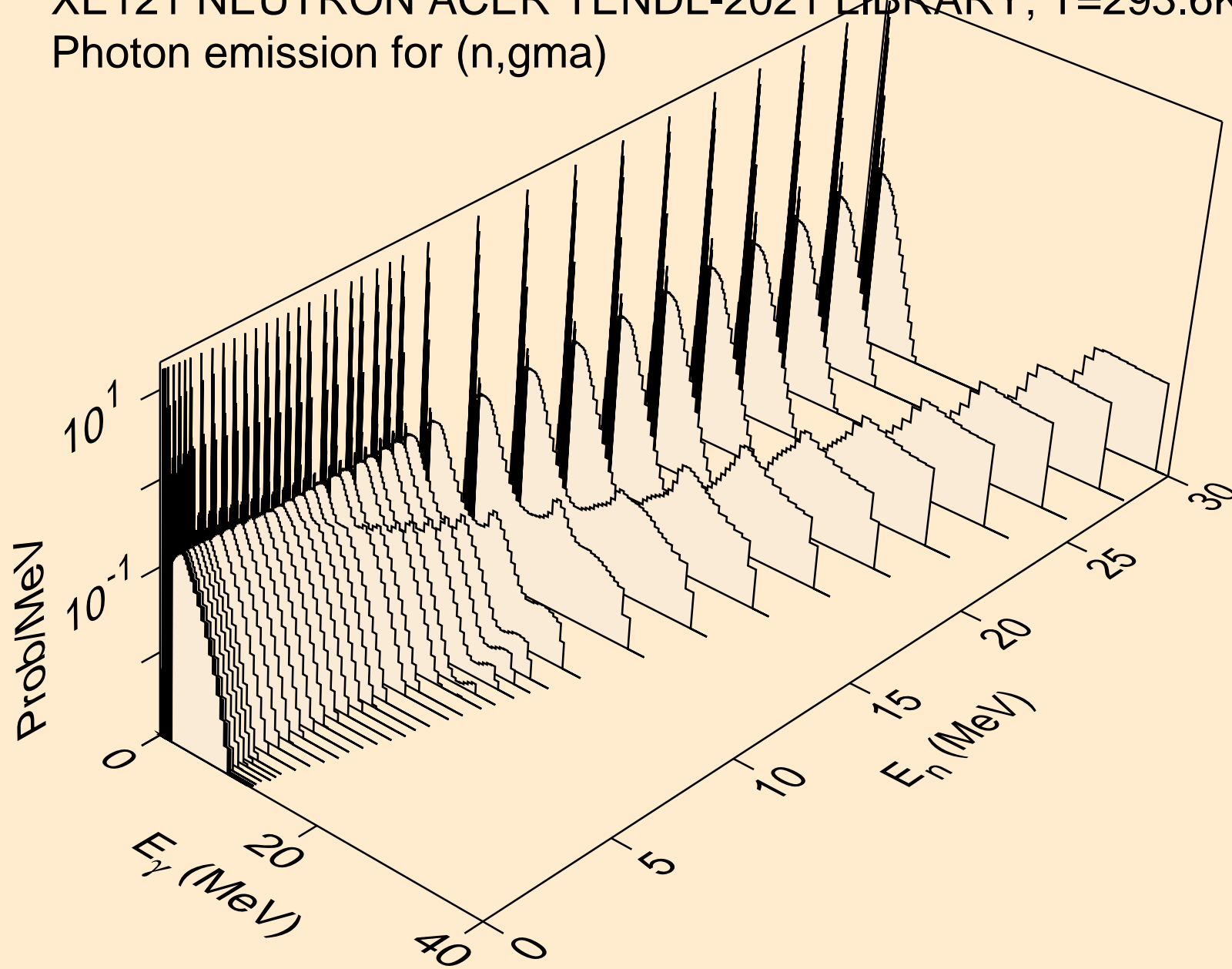
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



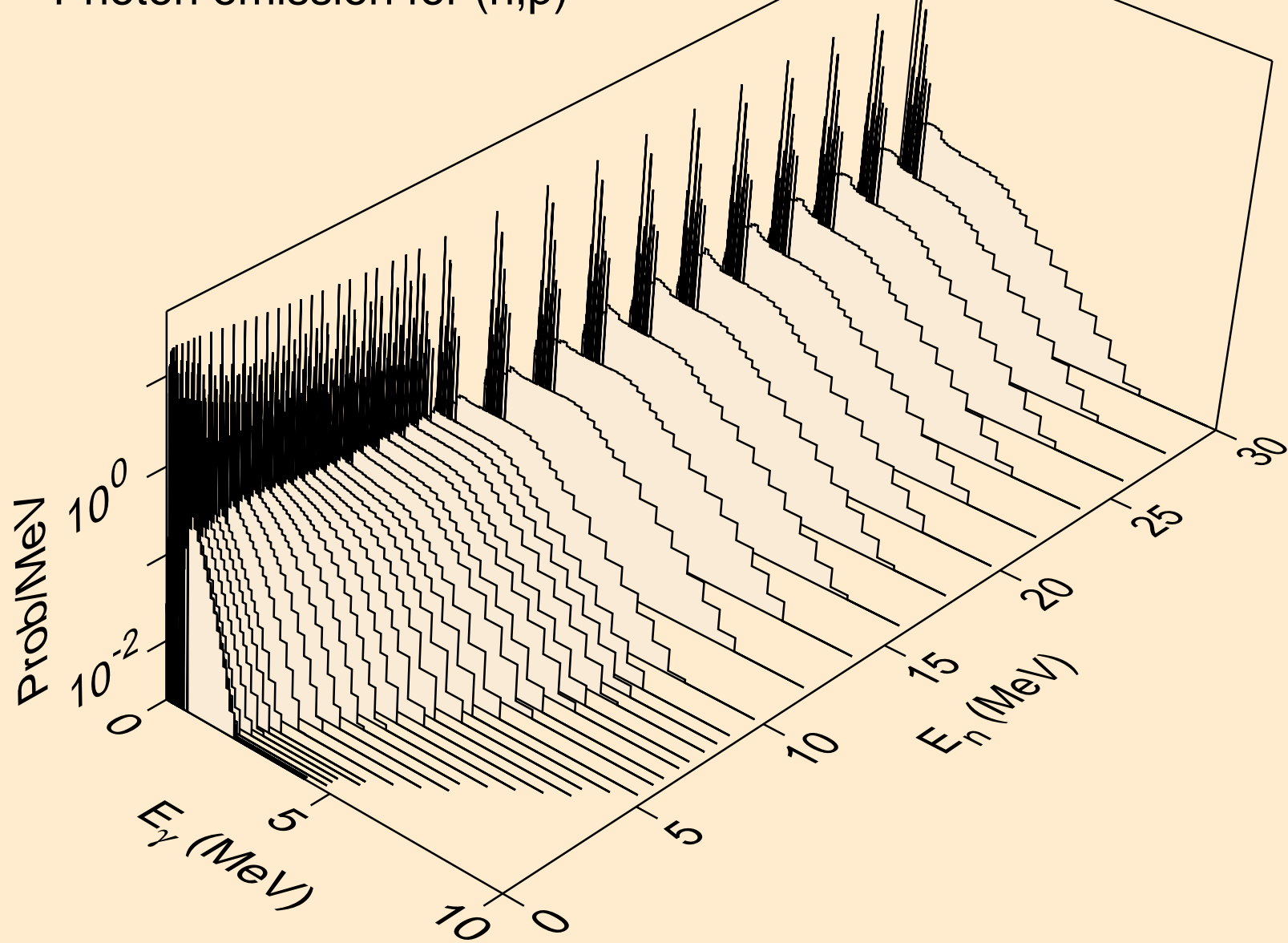
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



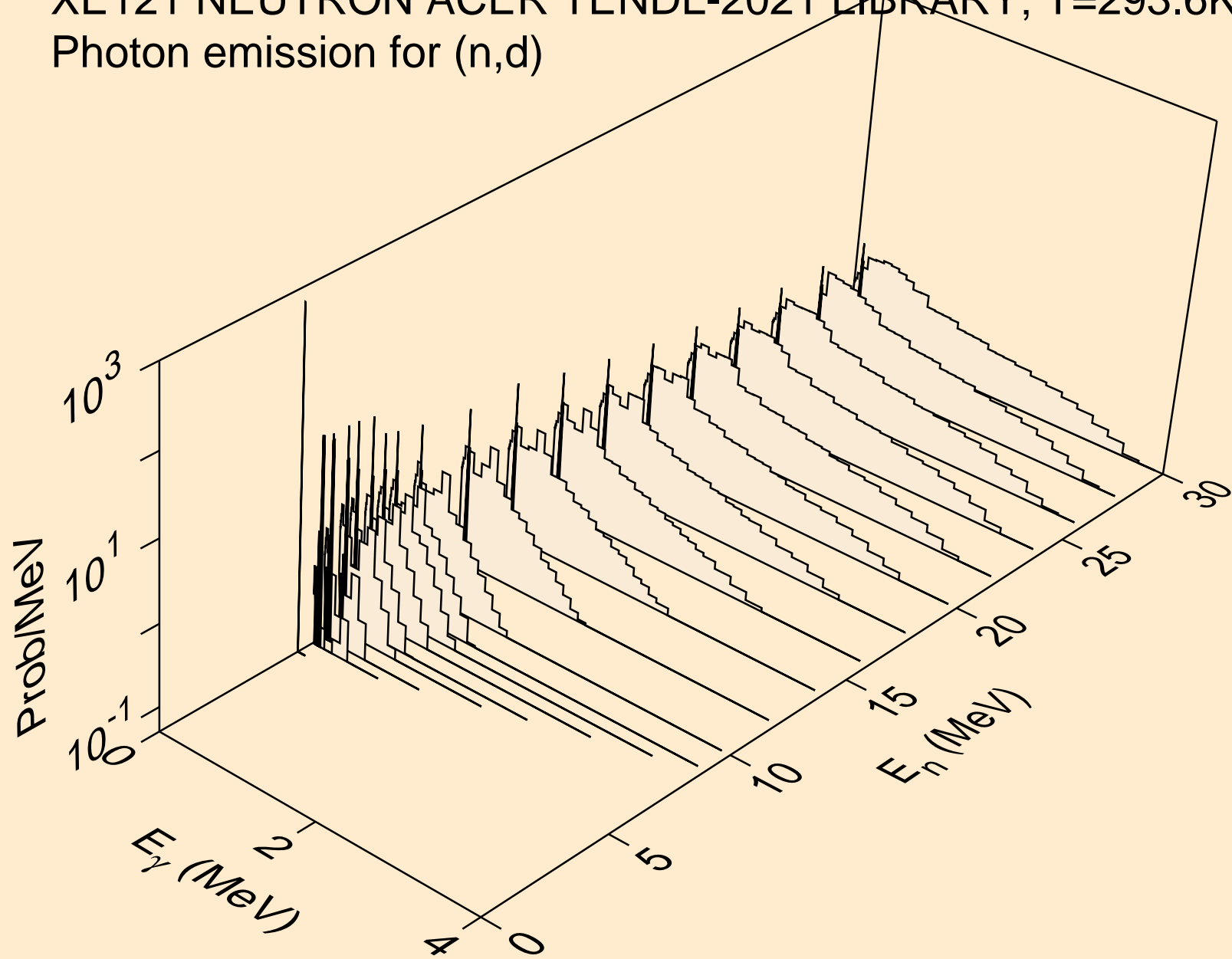
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

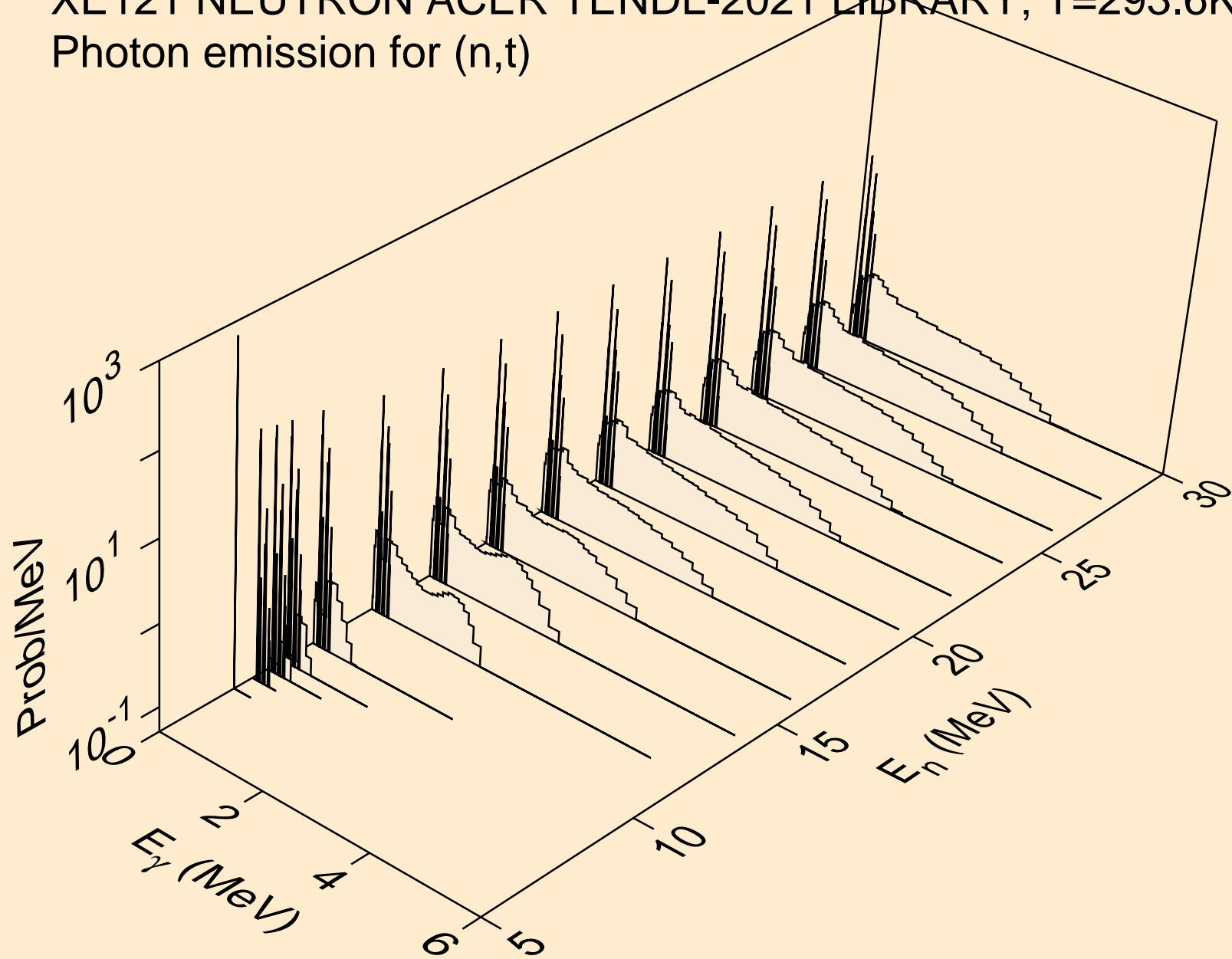


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Photon emission for (n,d)

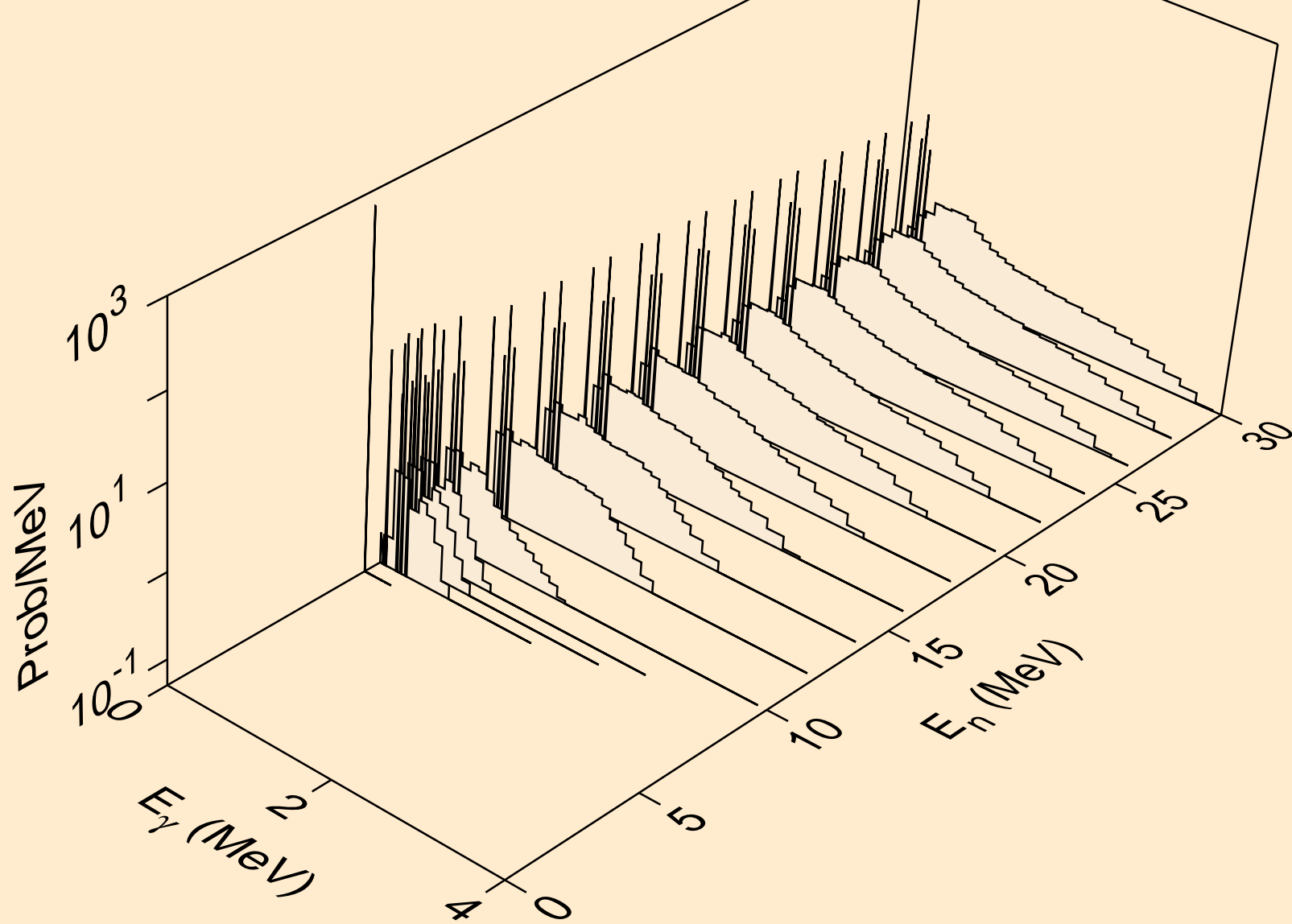




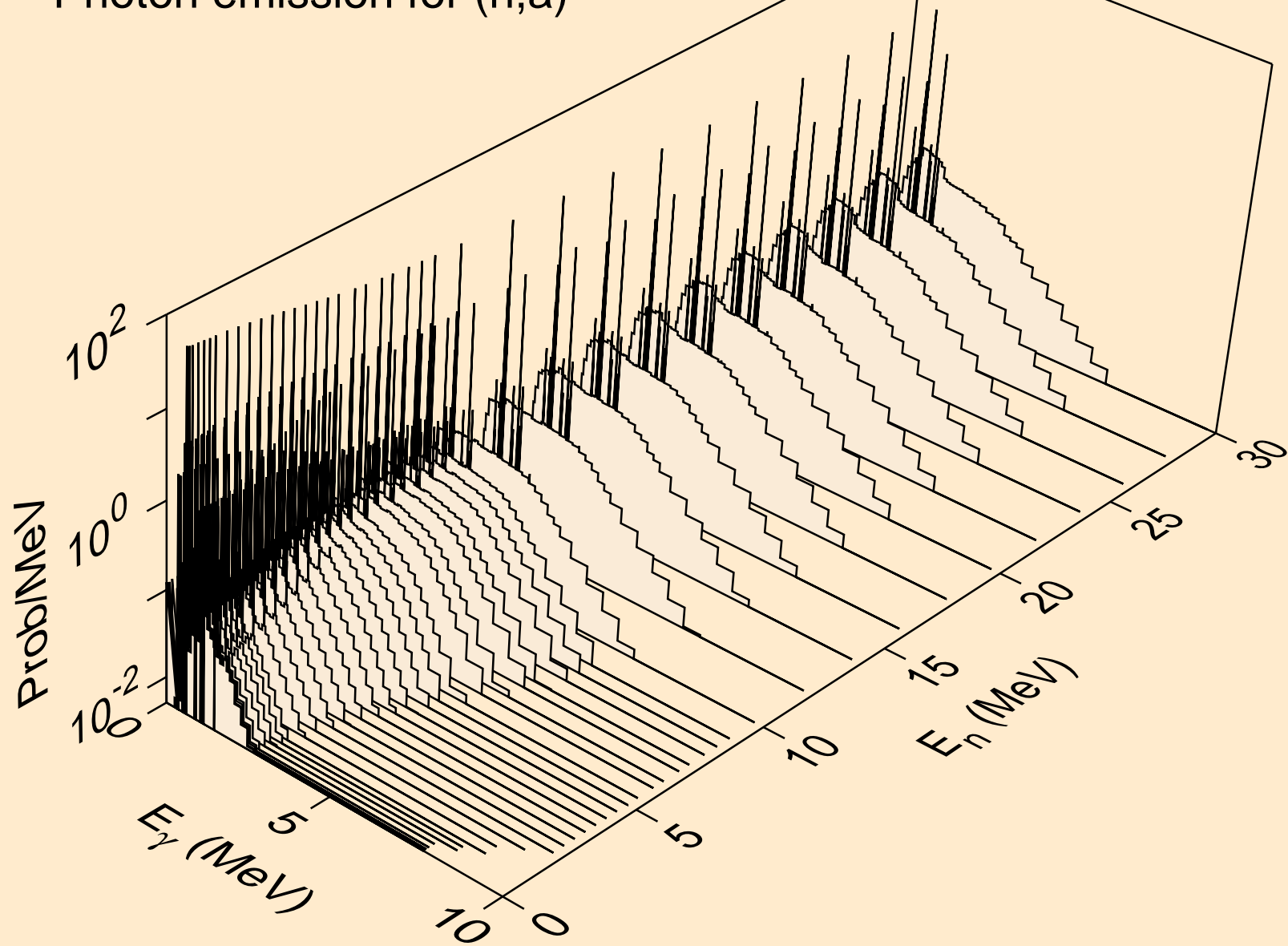
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



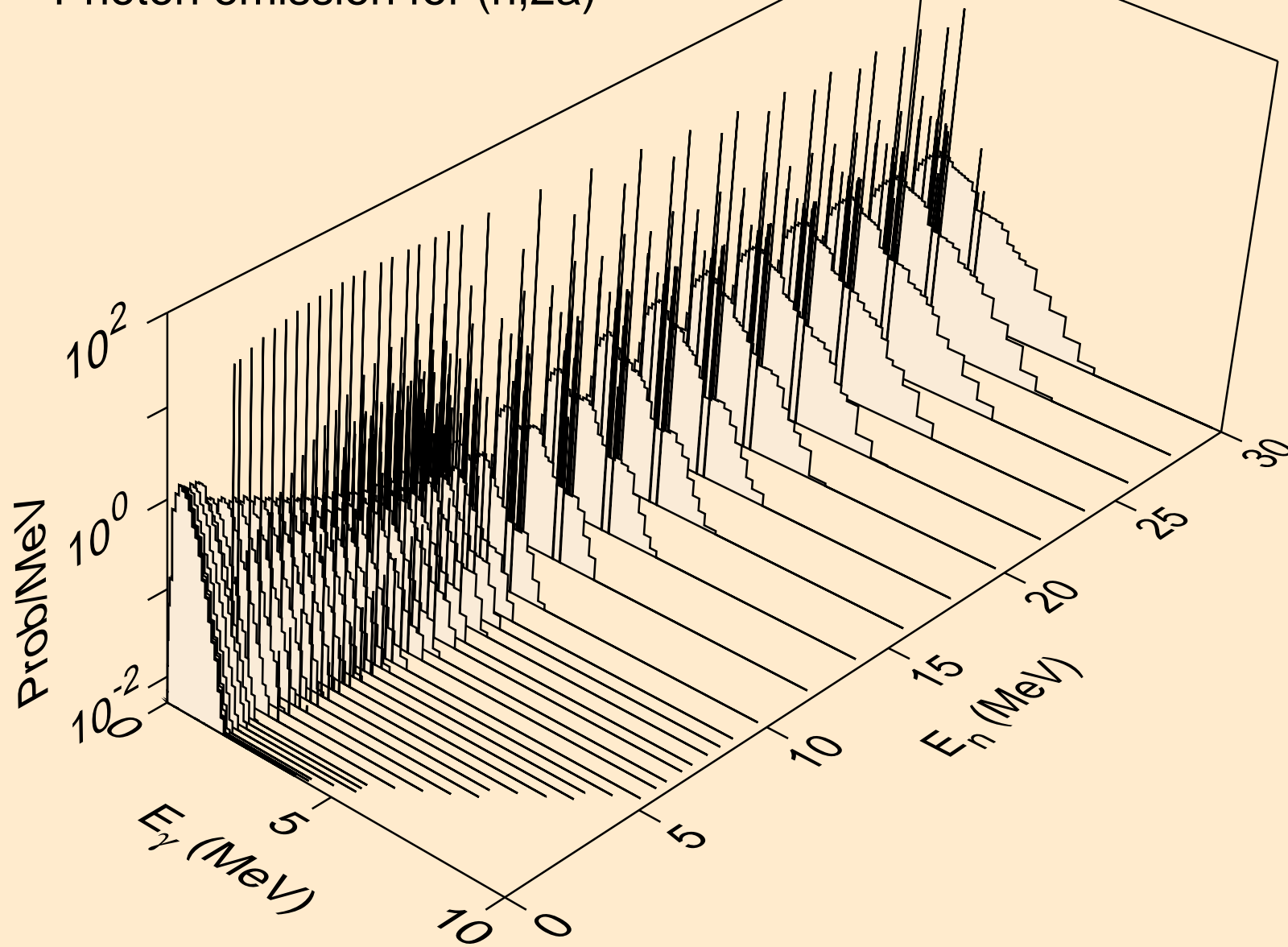
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



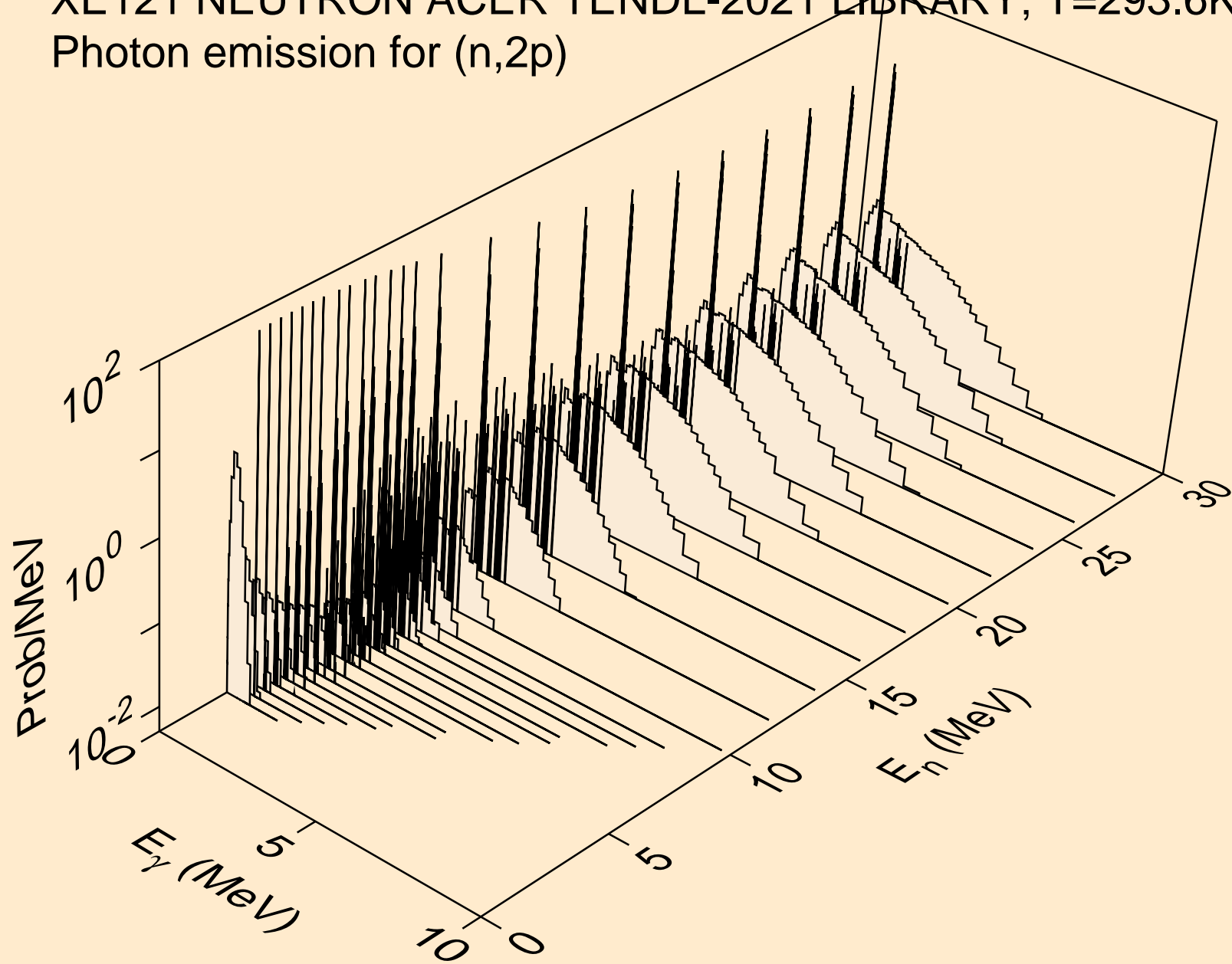
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



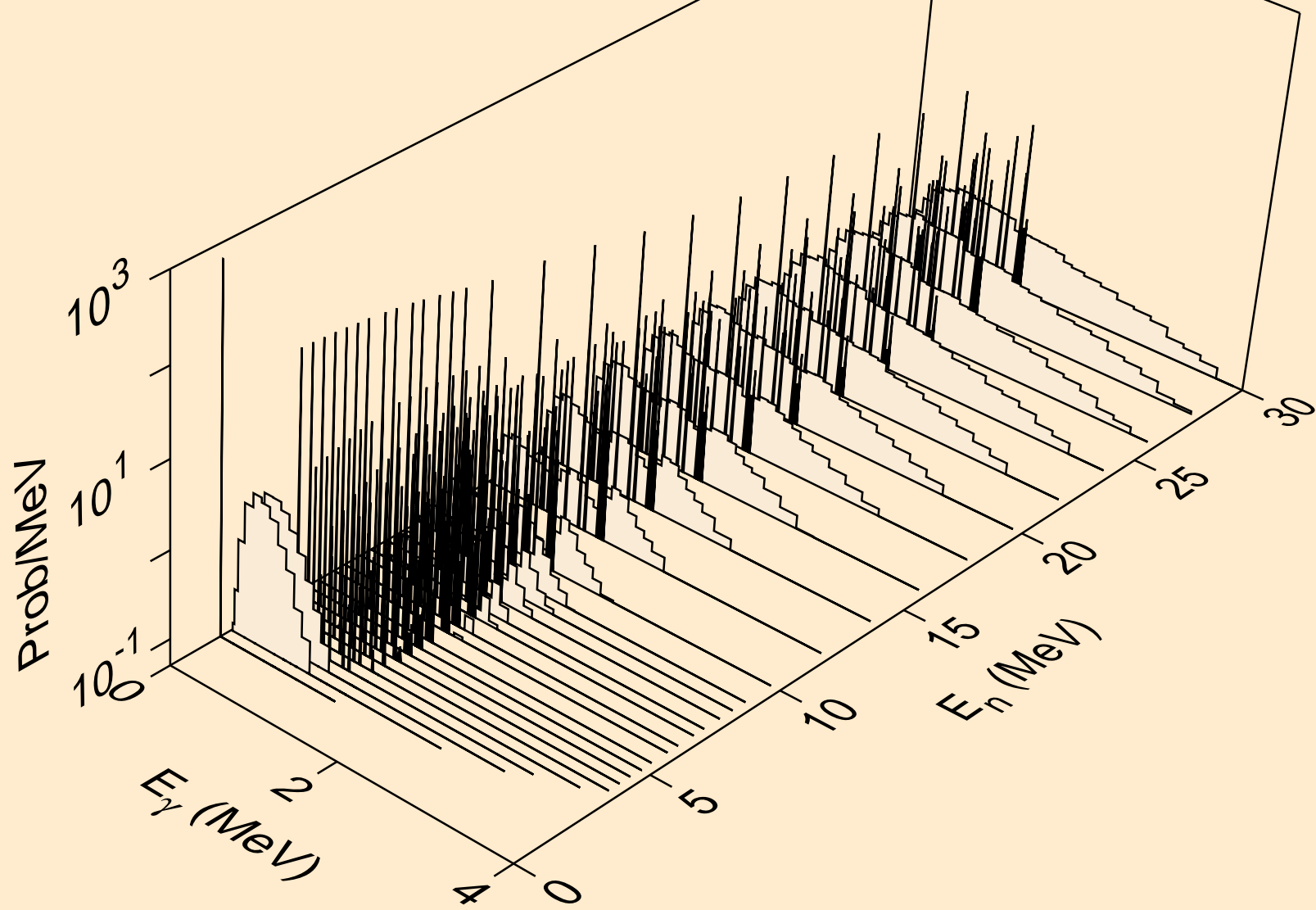
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



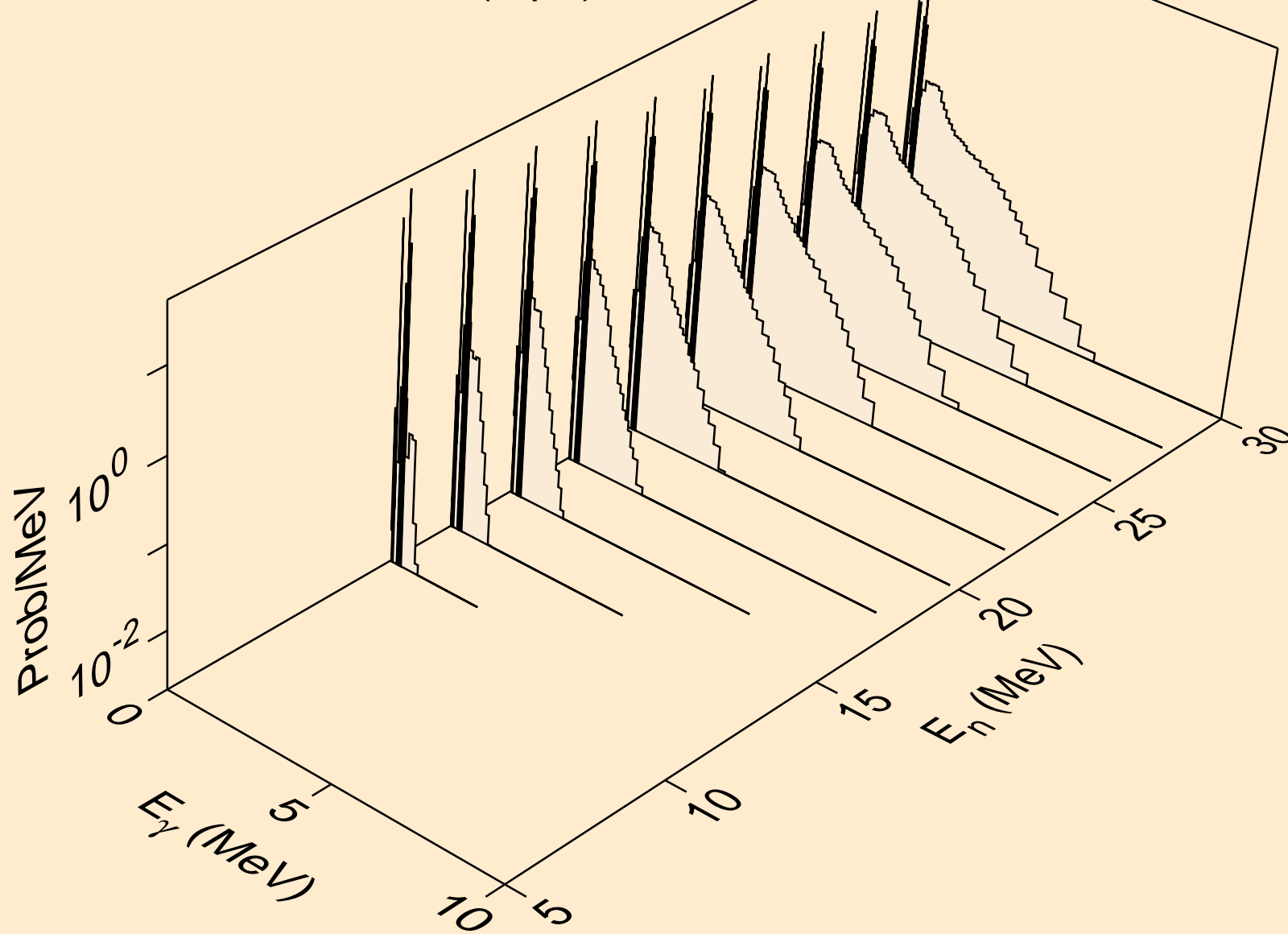
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Photon emission for (n,2p)



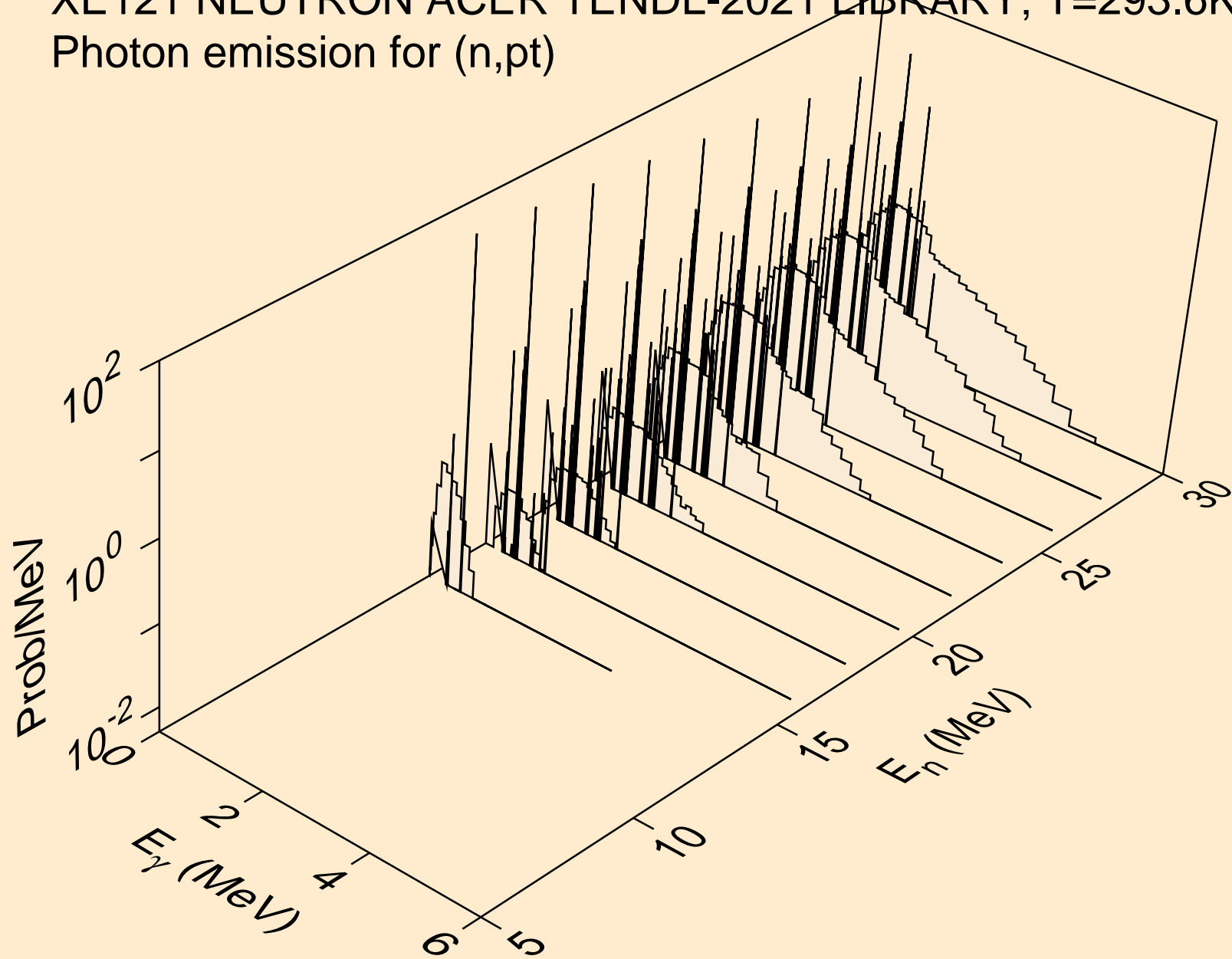
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

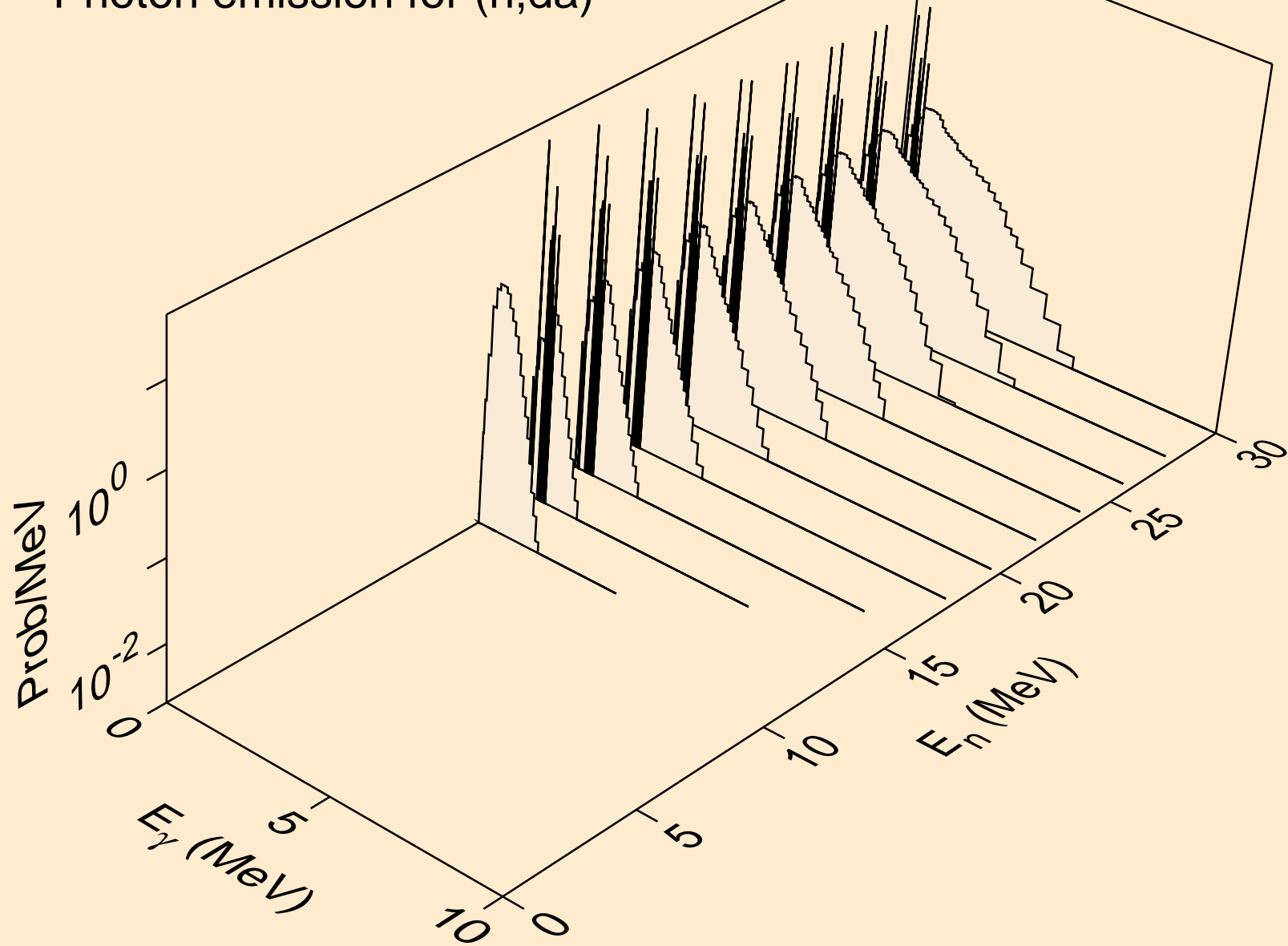


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

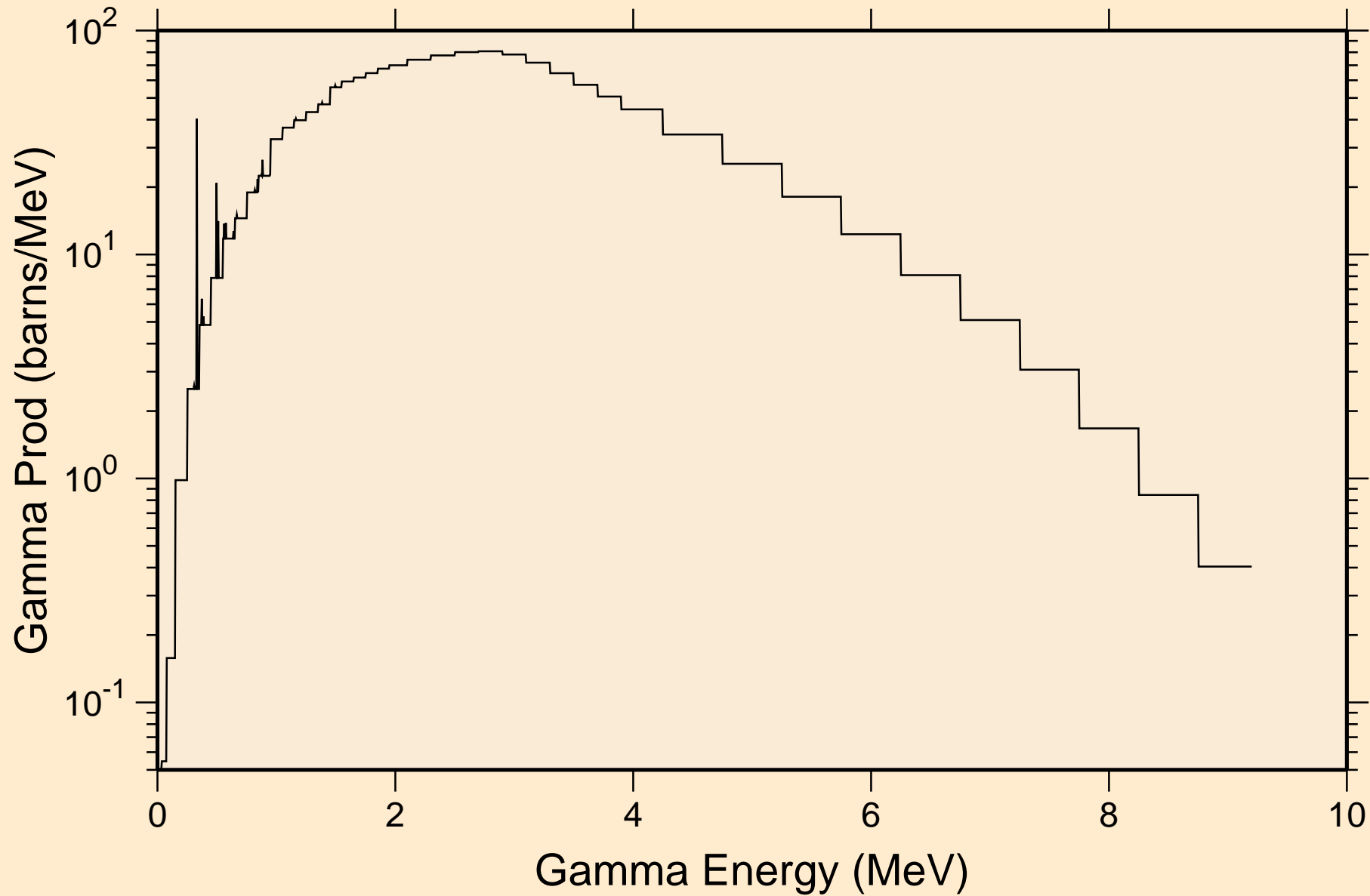




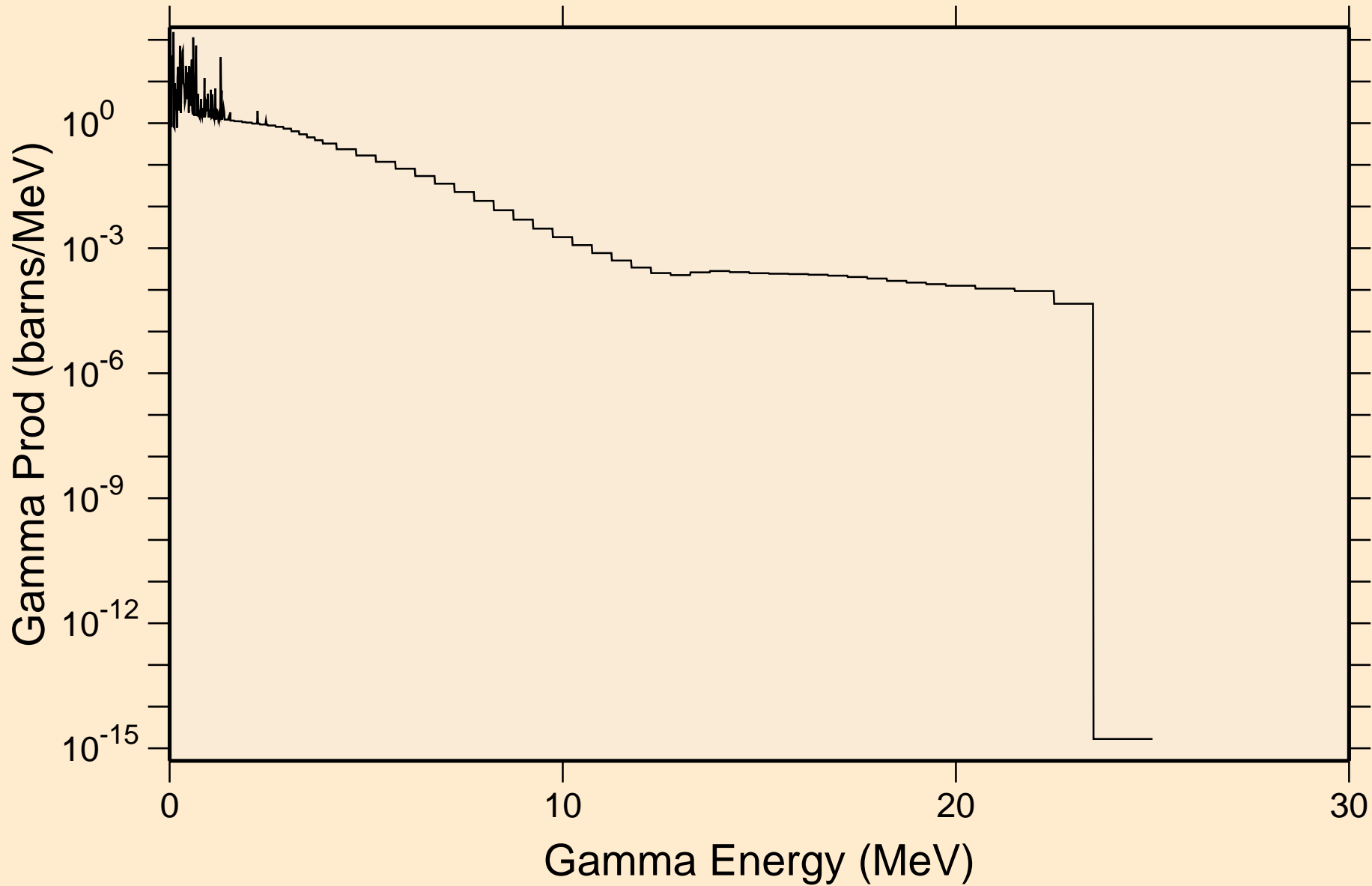
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

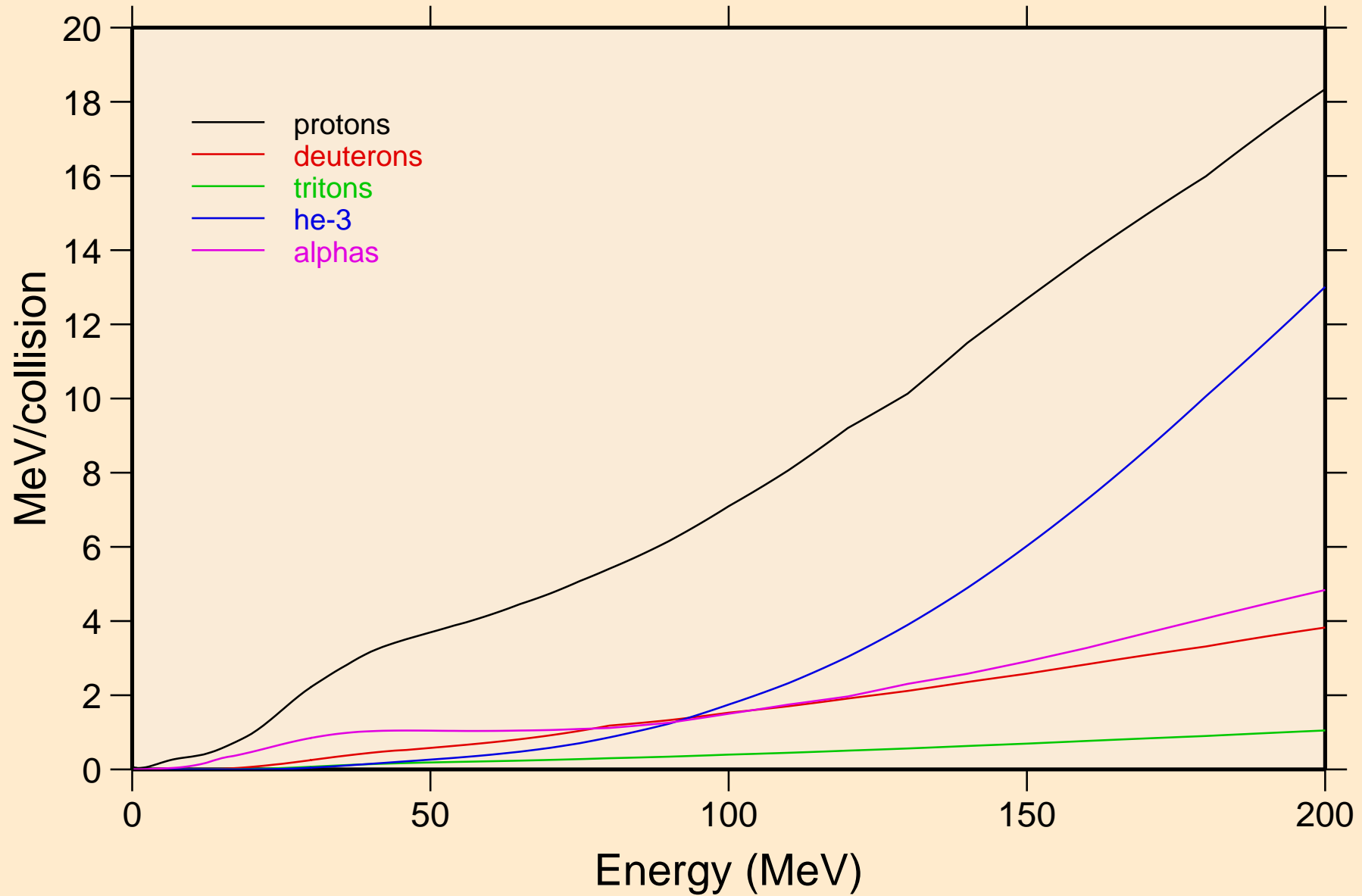


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

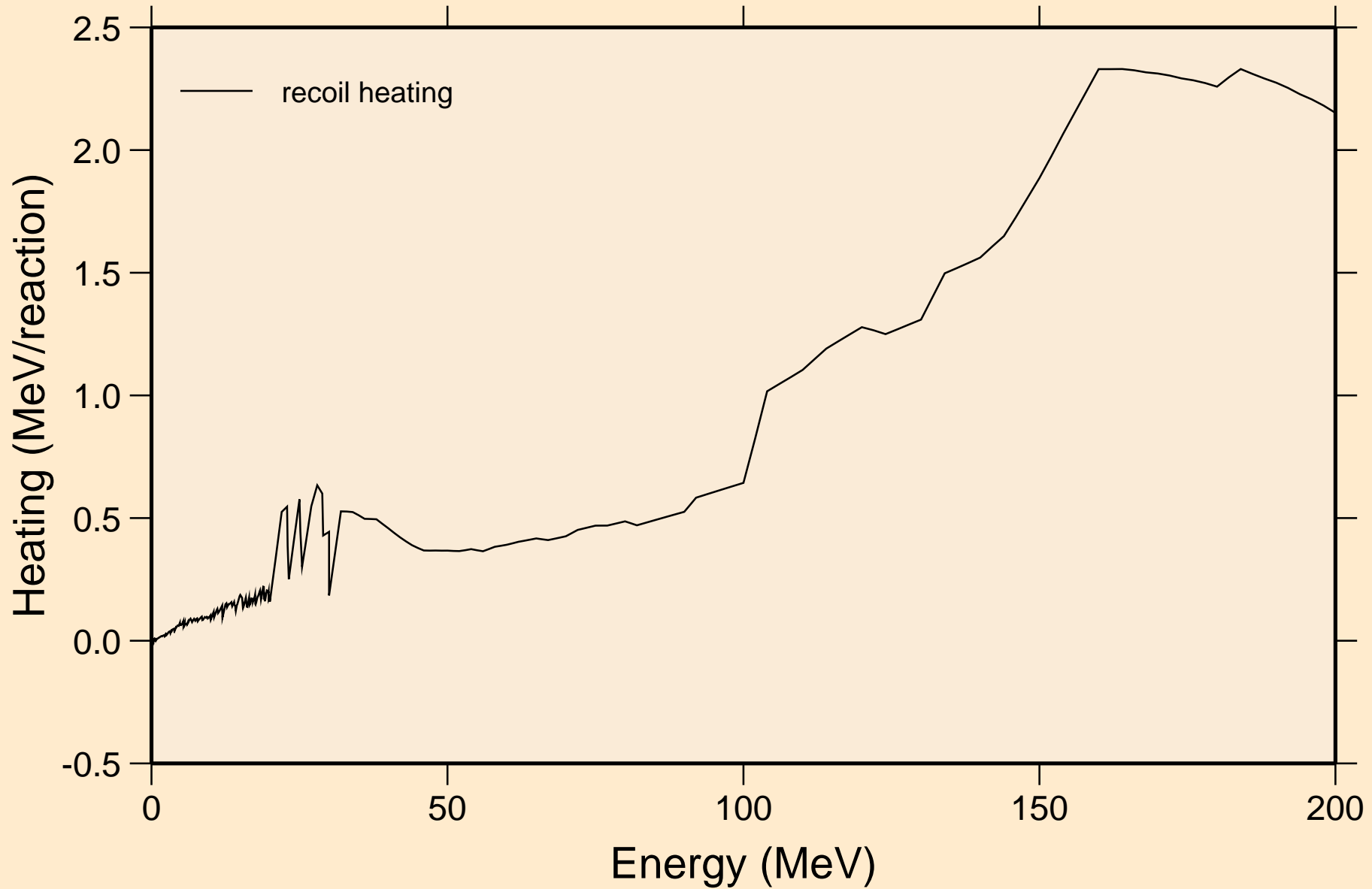


# XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

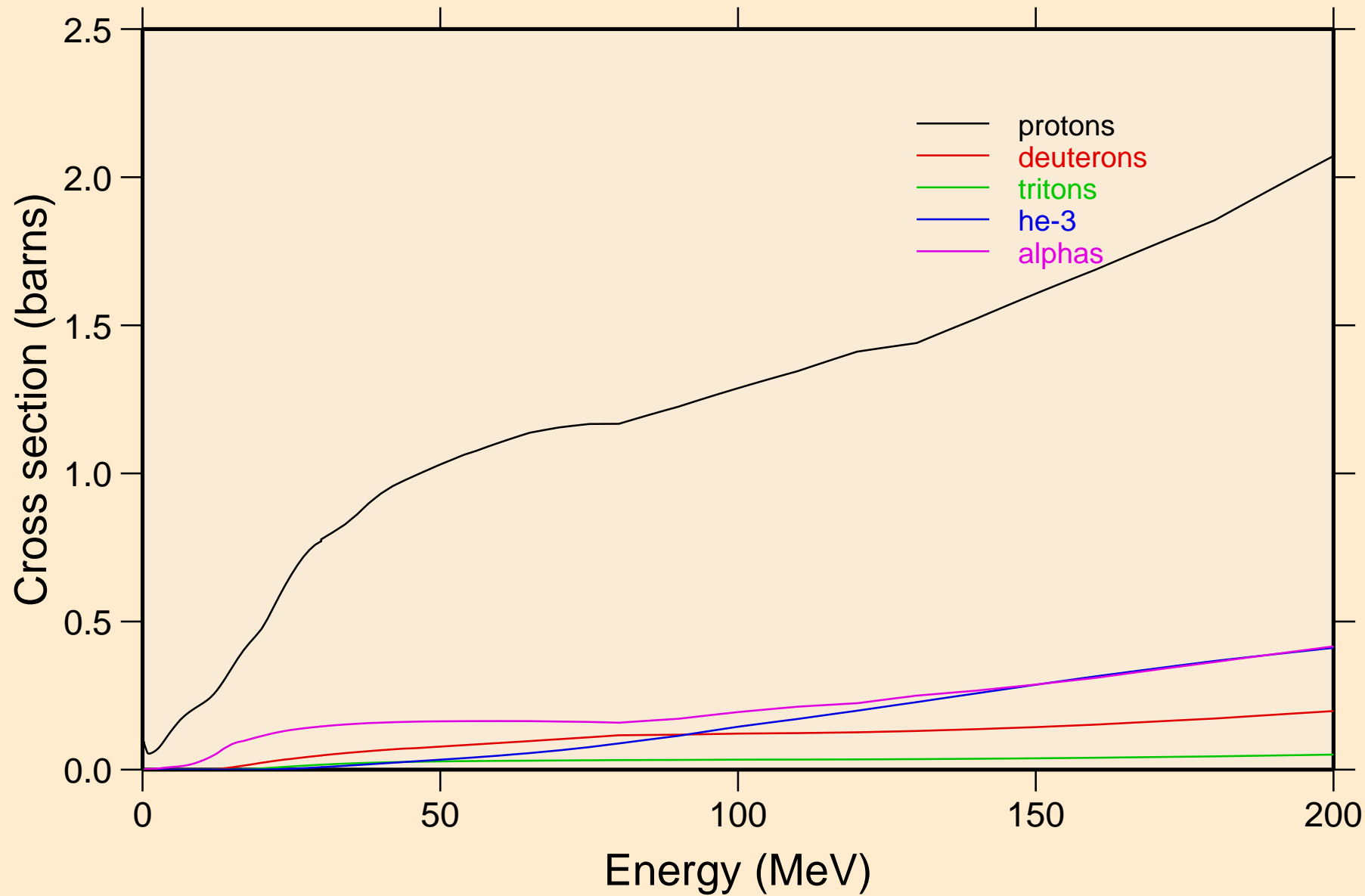
## Particle heating contributions



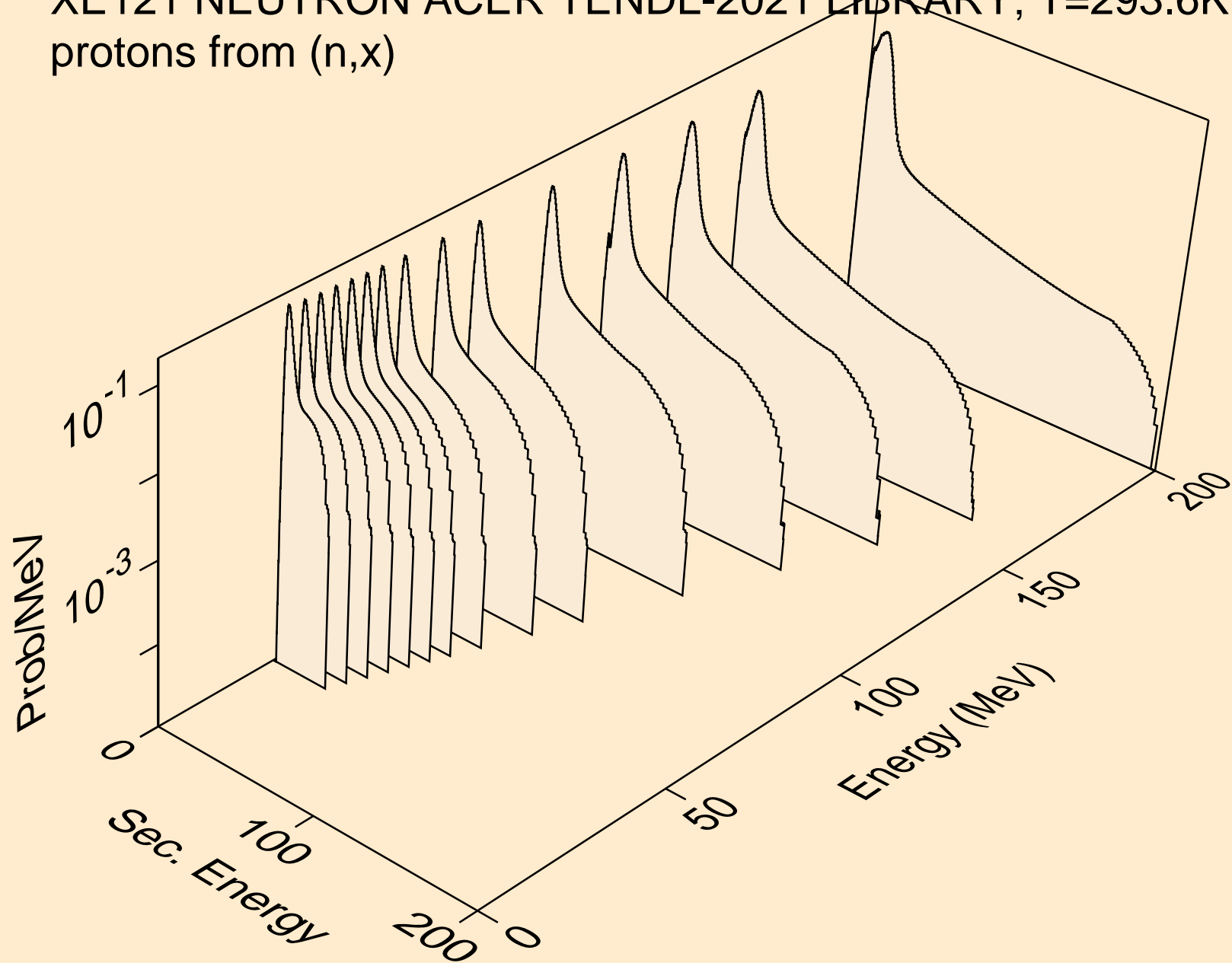
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



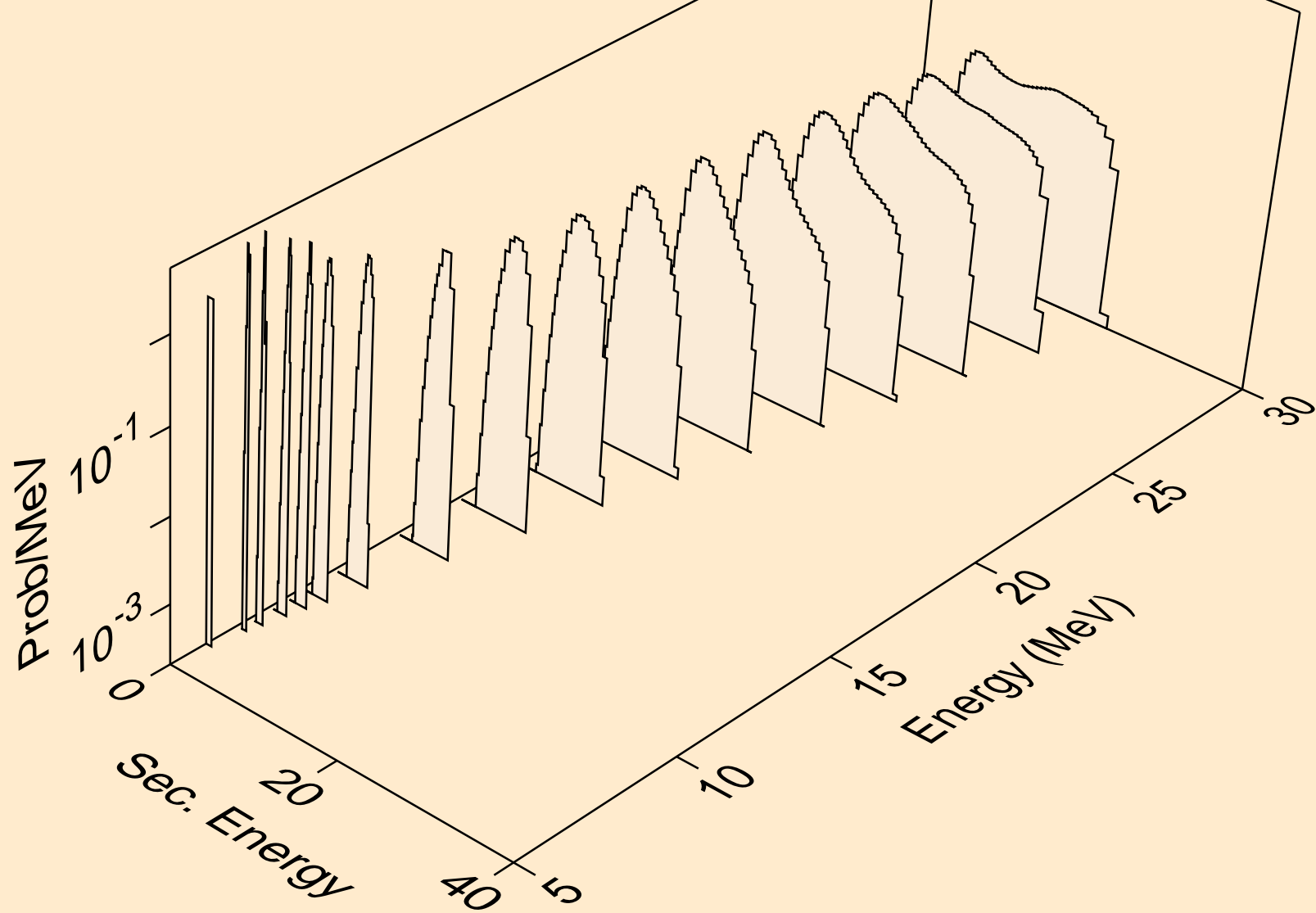
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

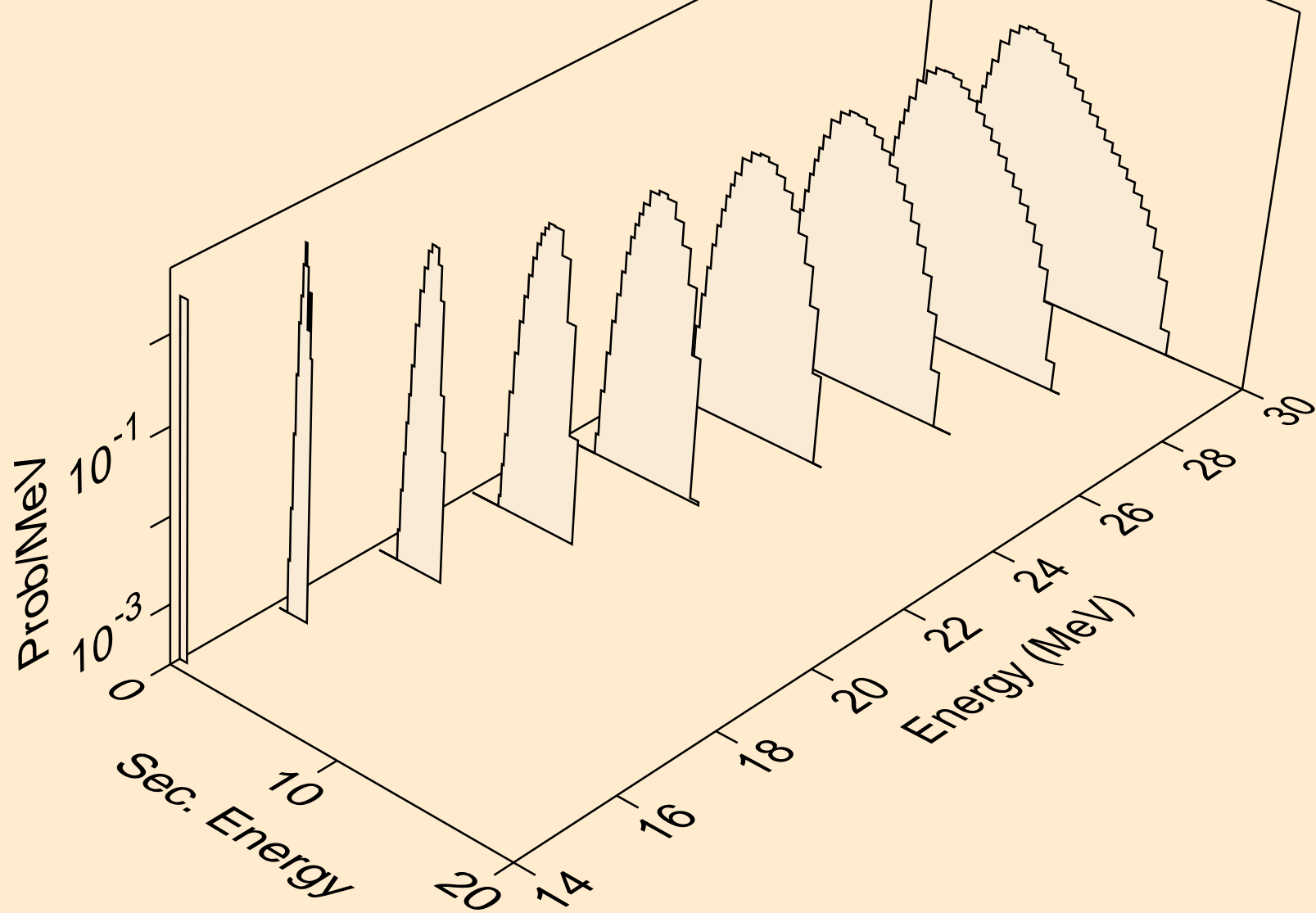


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

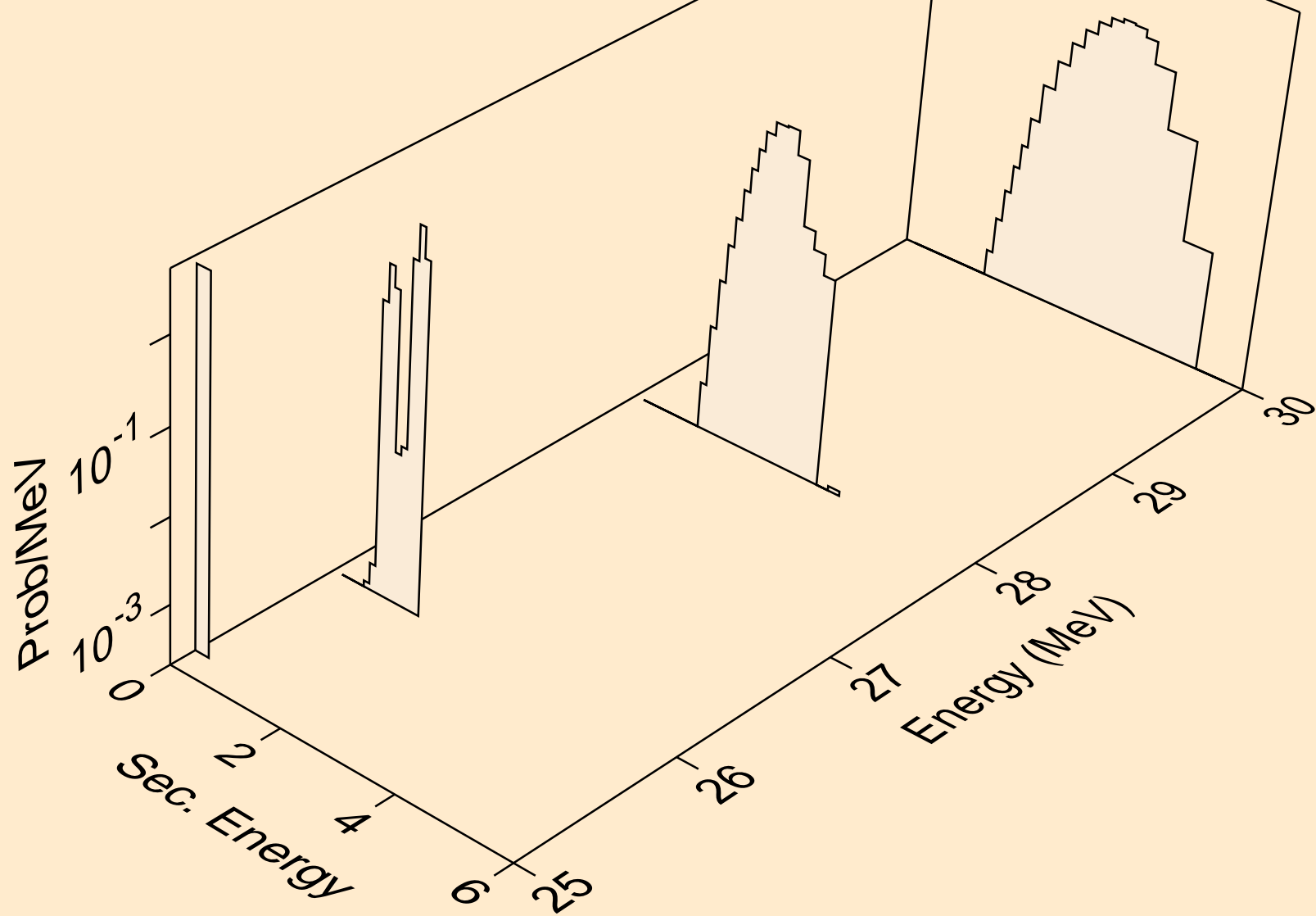




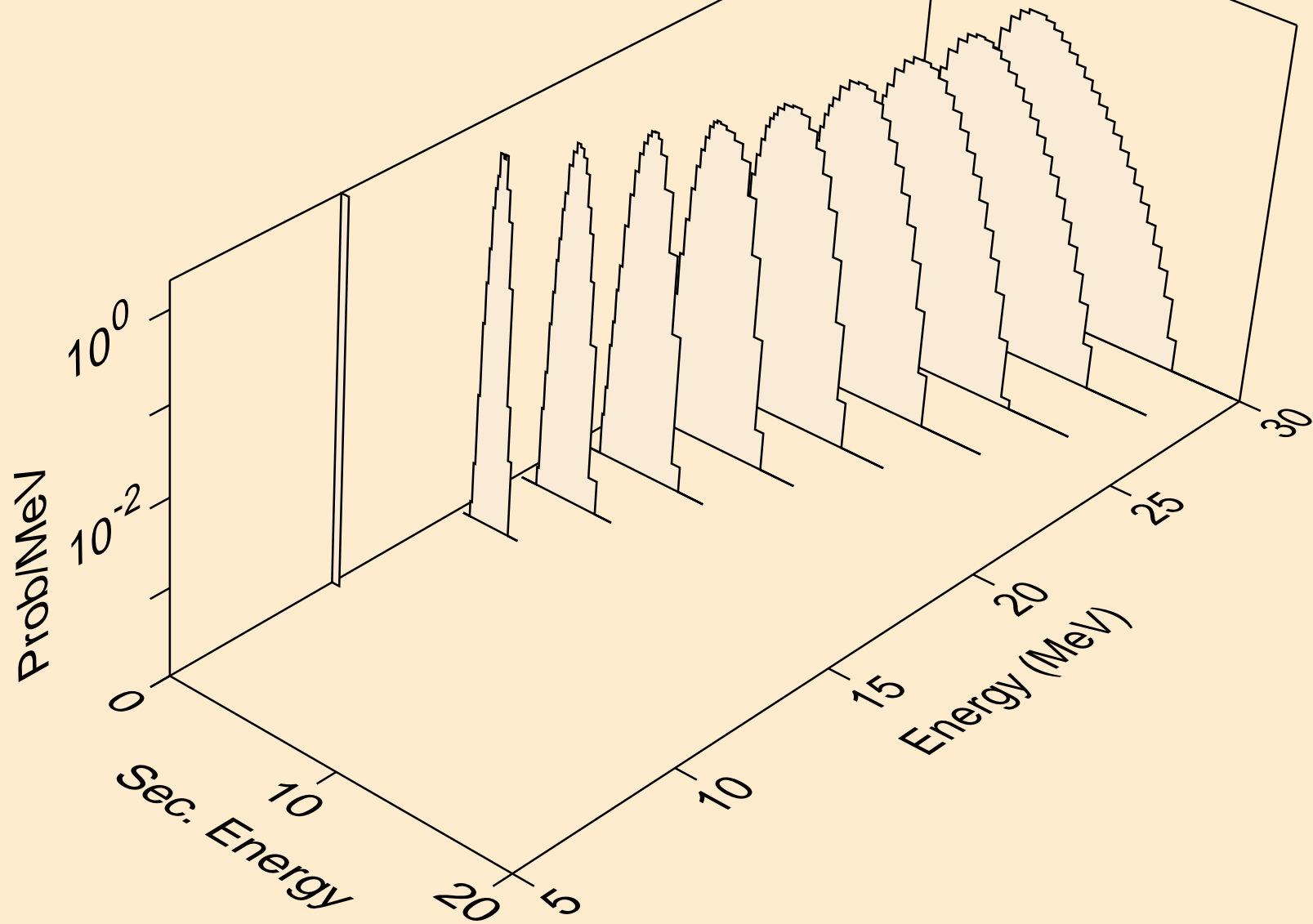
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



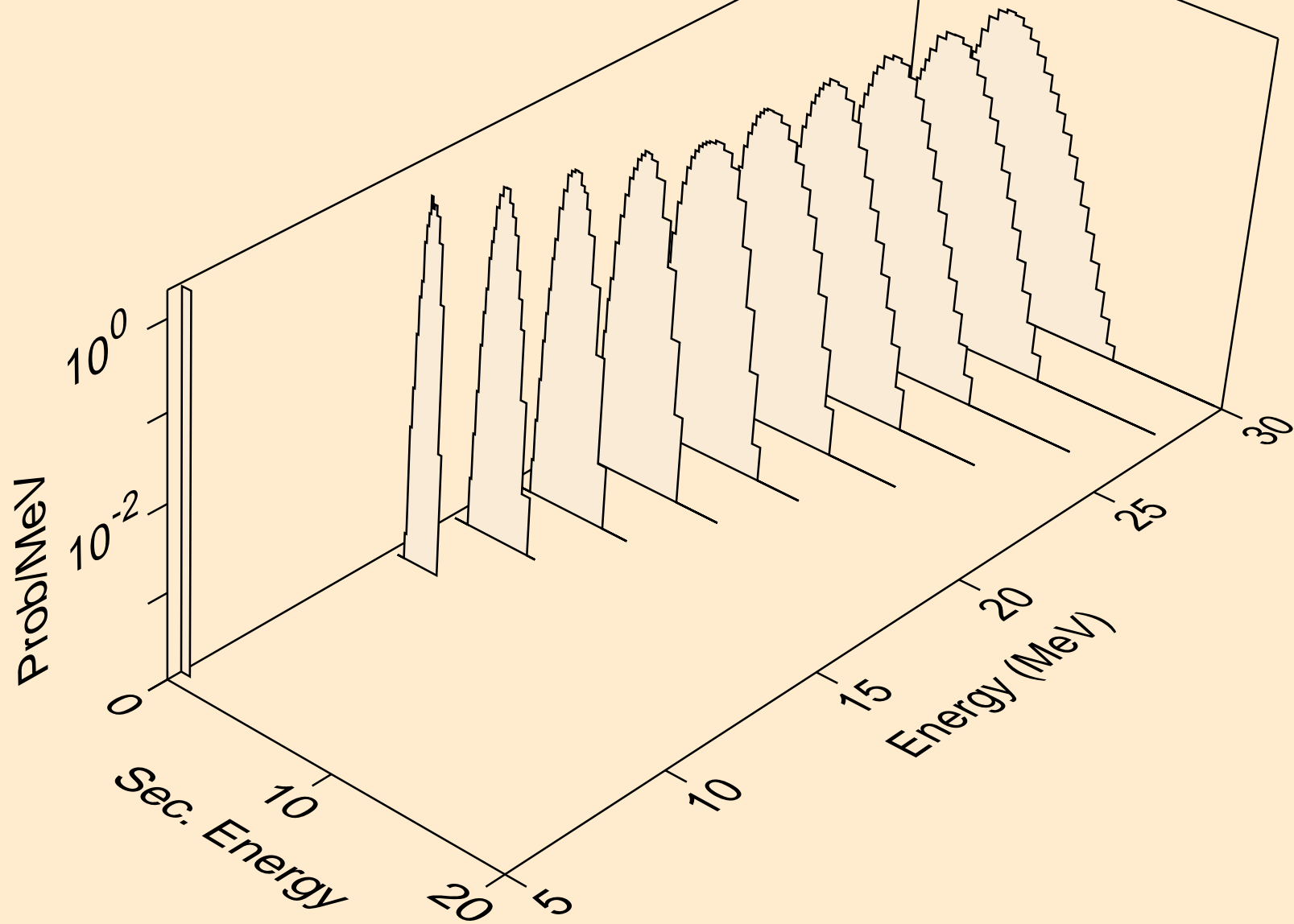
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



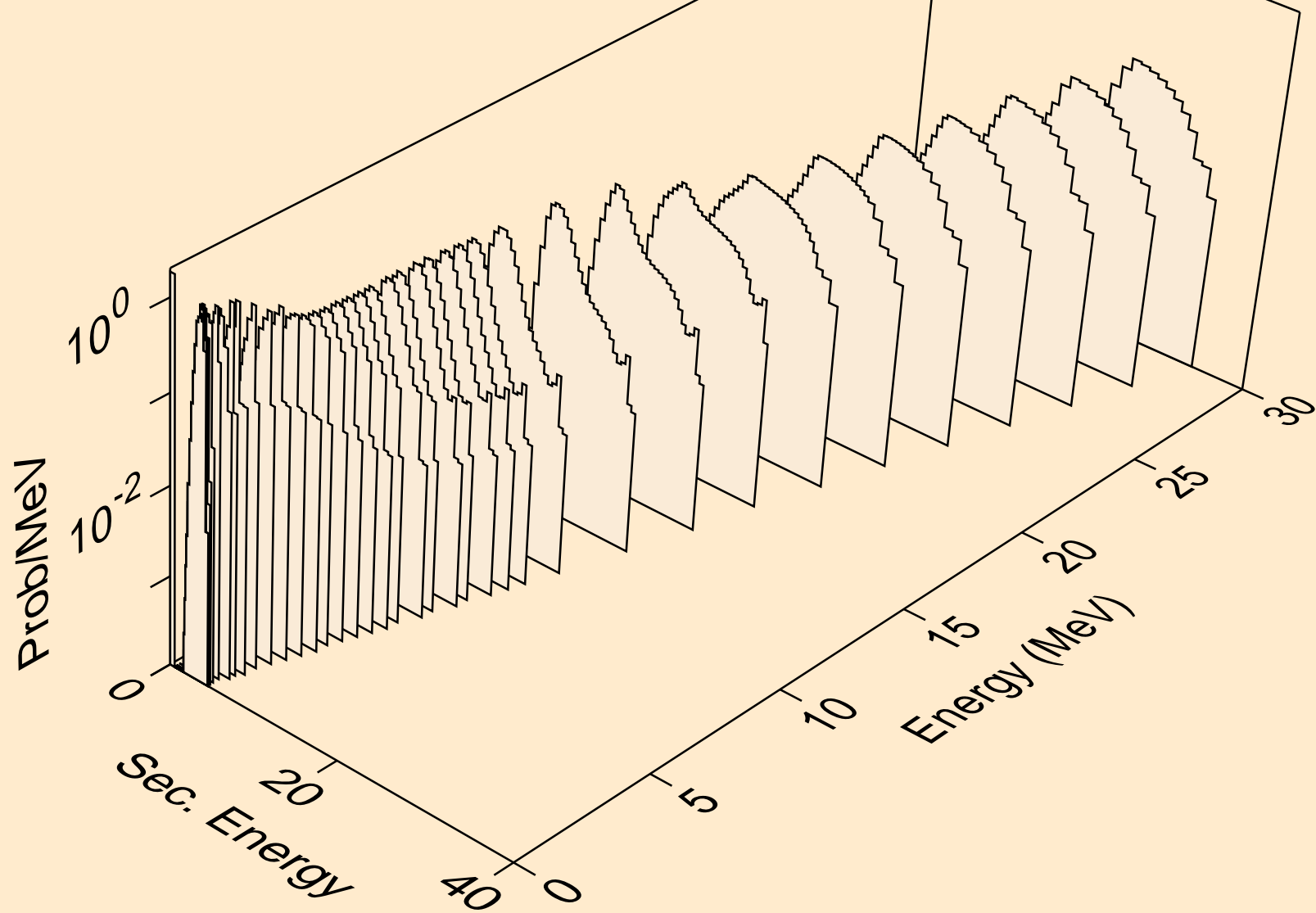
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



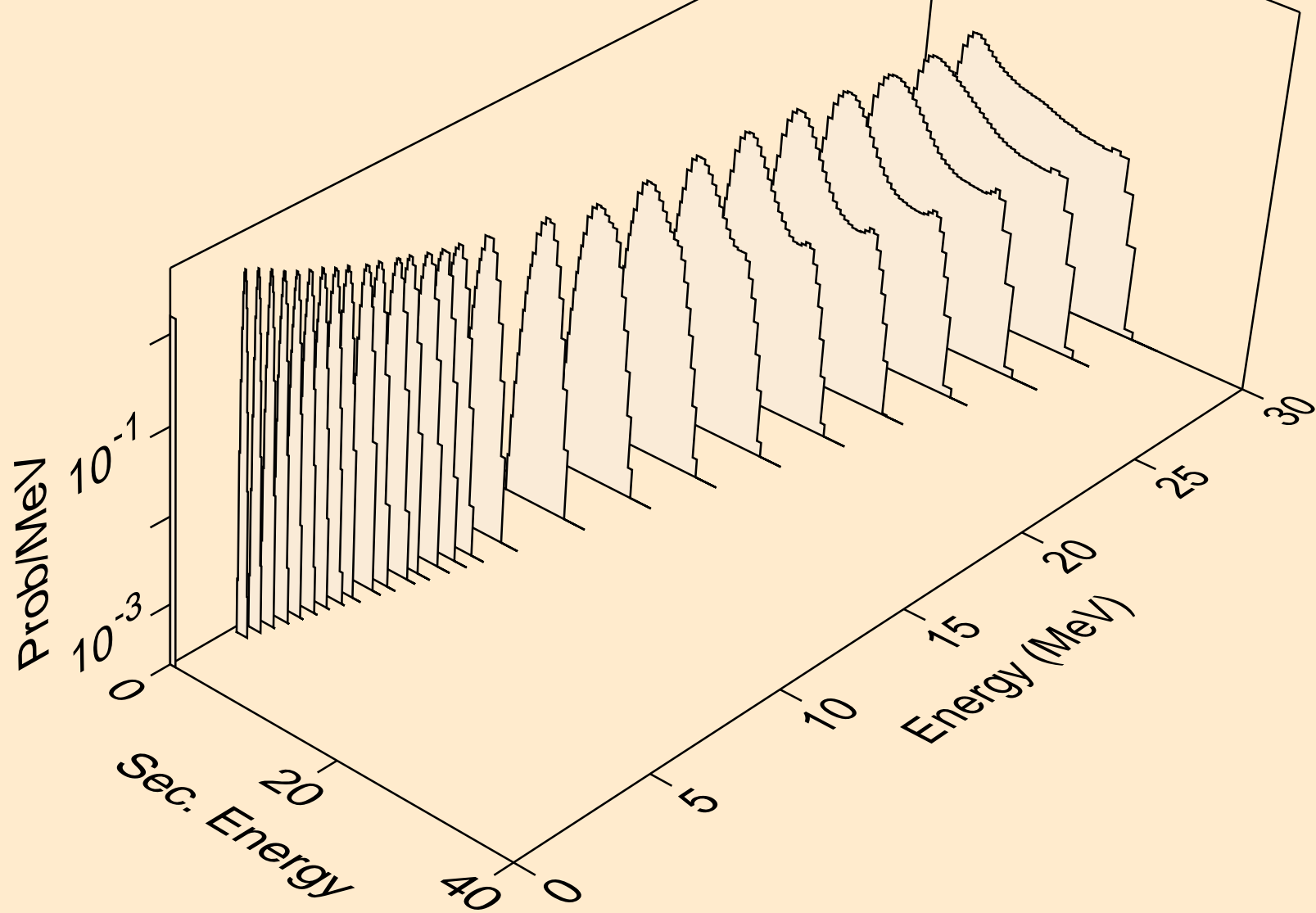
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



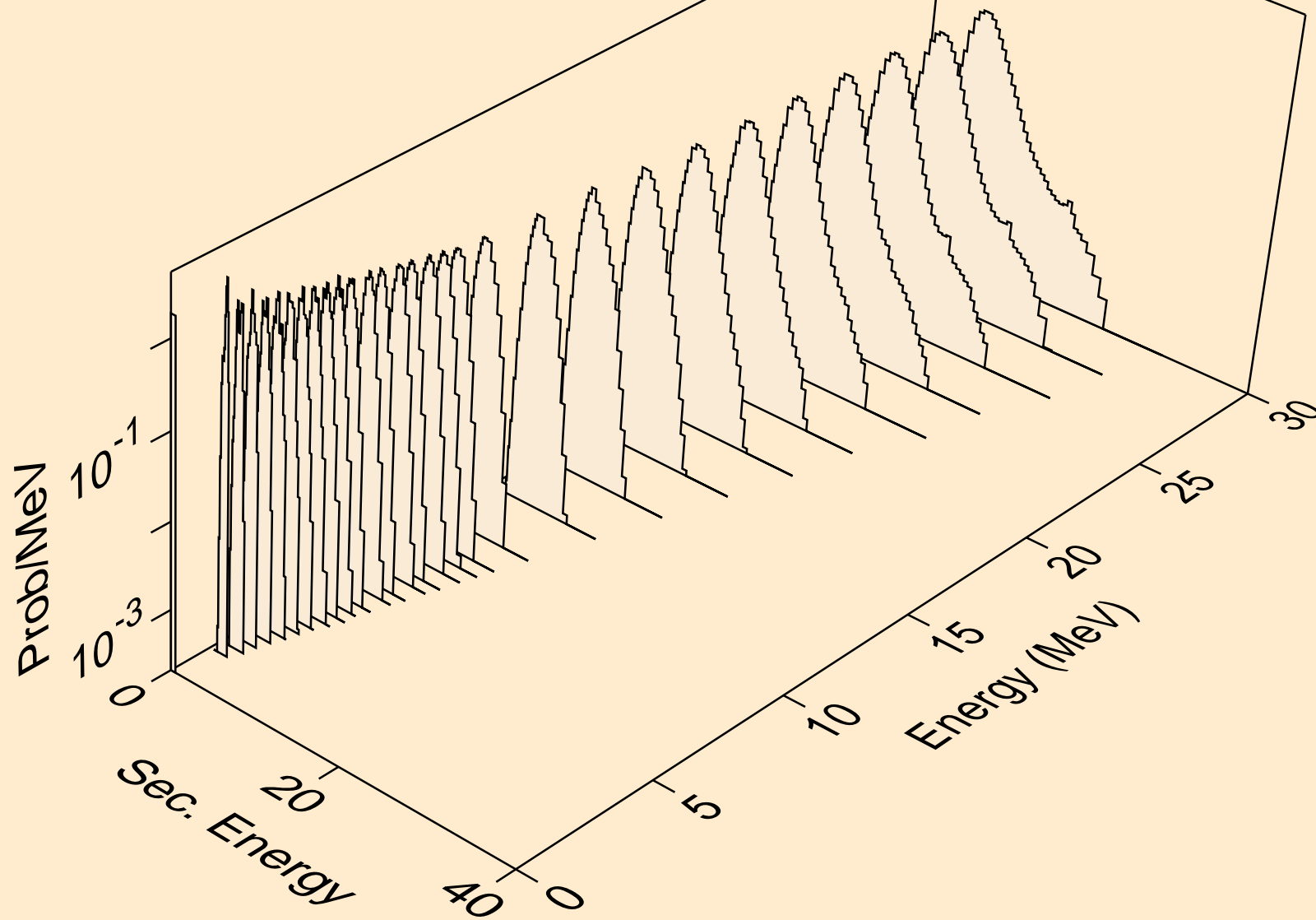
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



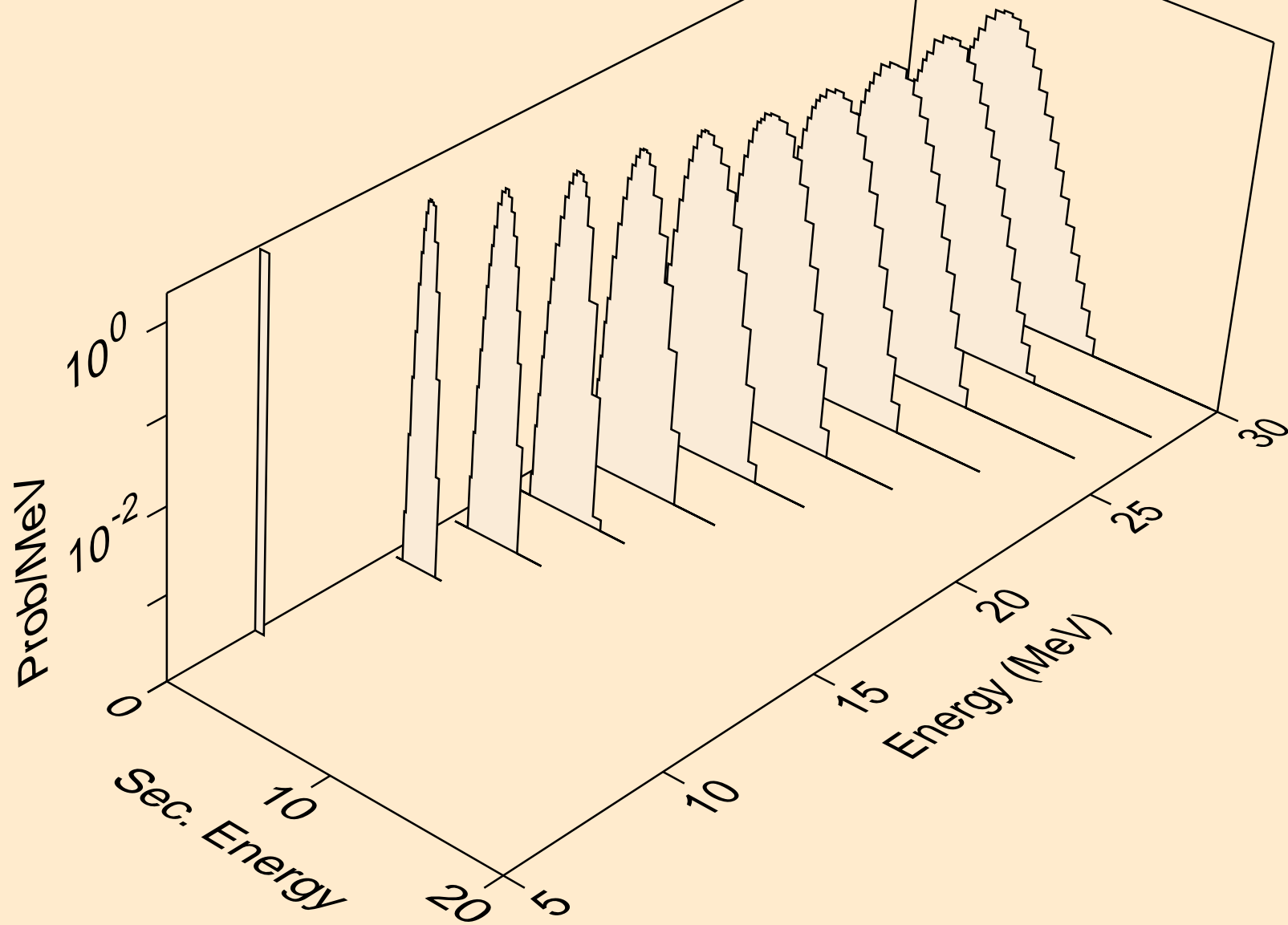
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

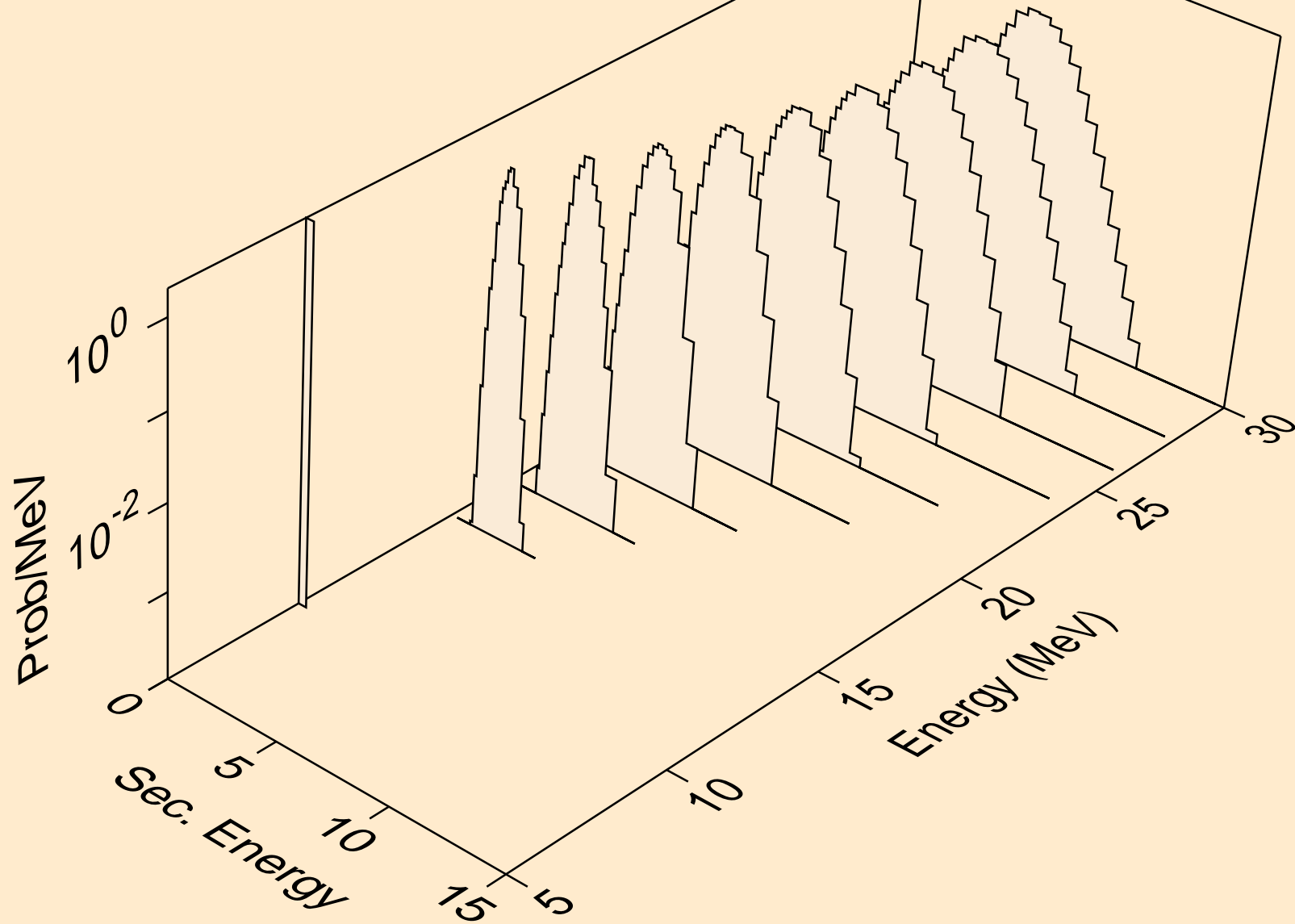


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

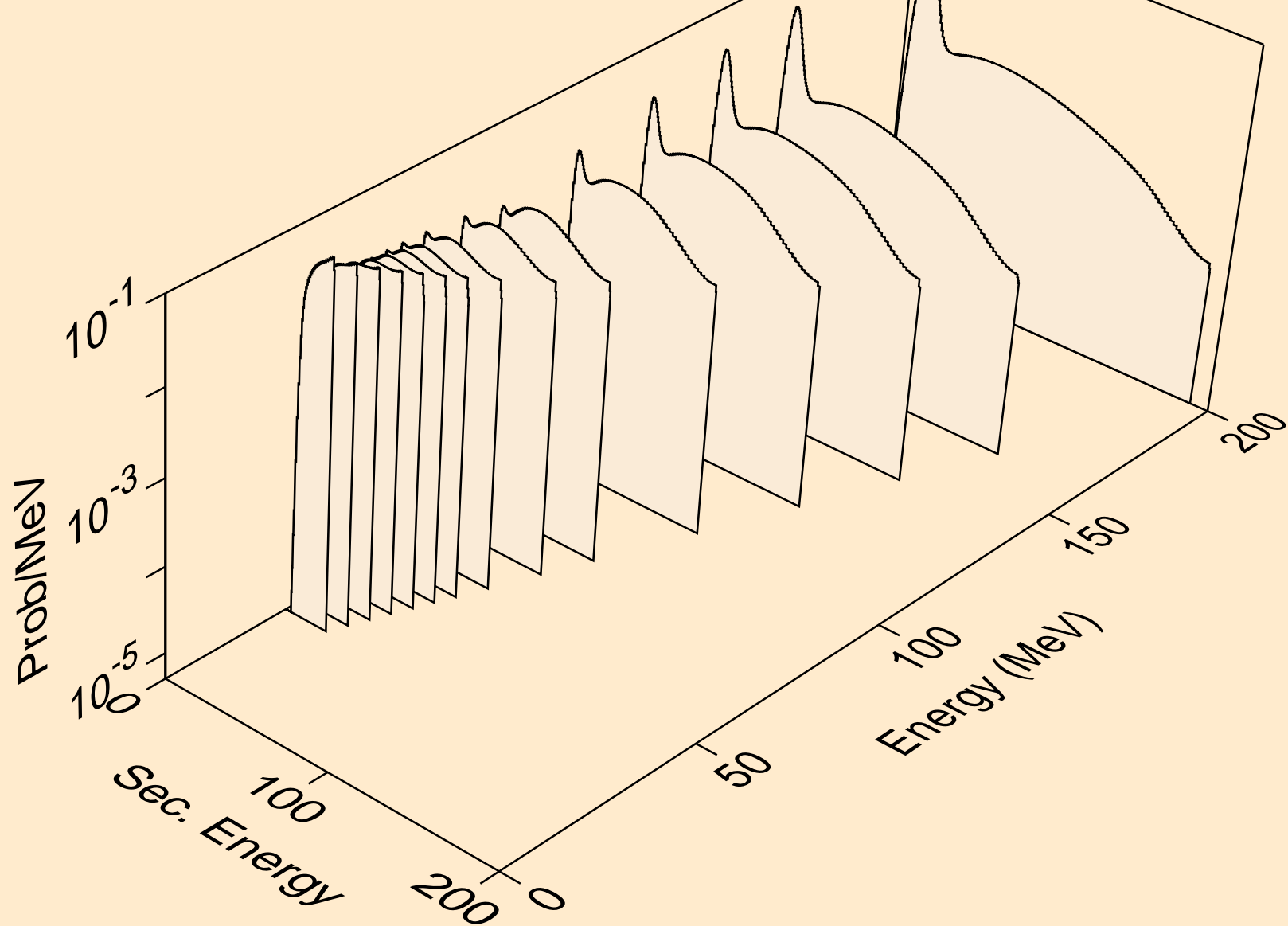




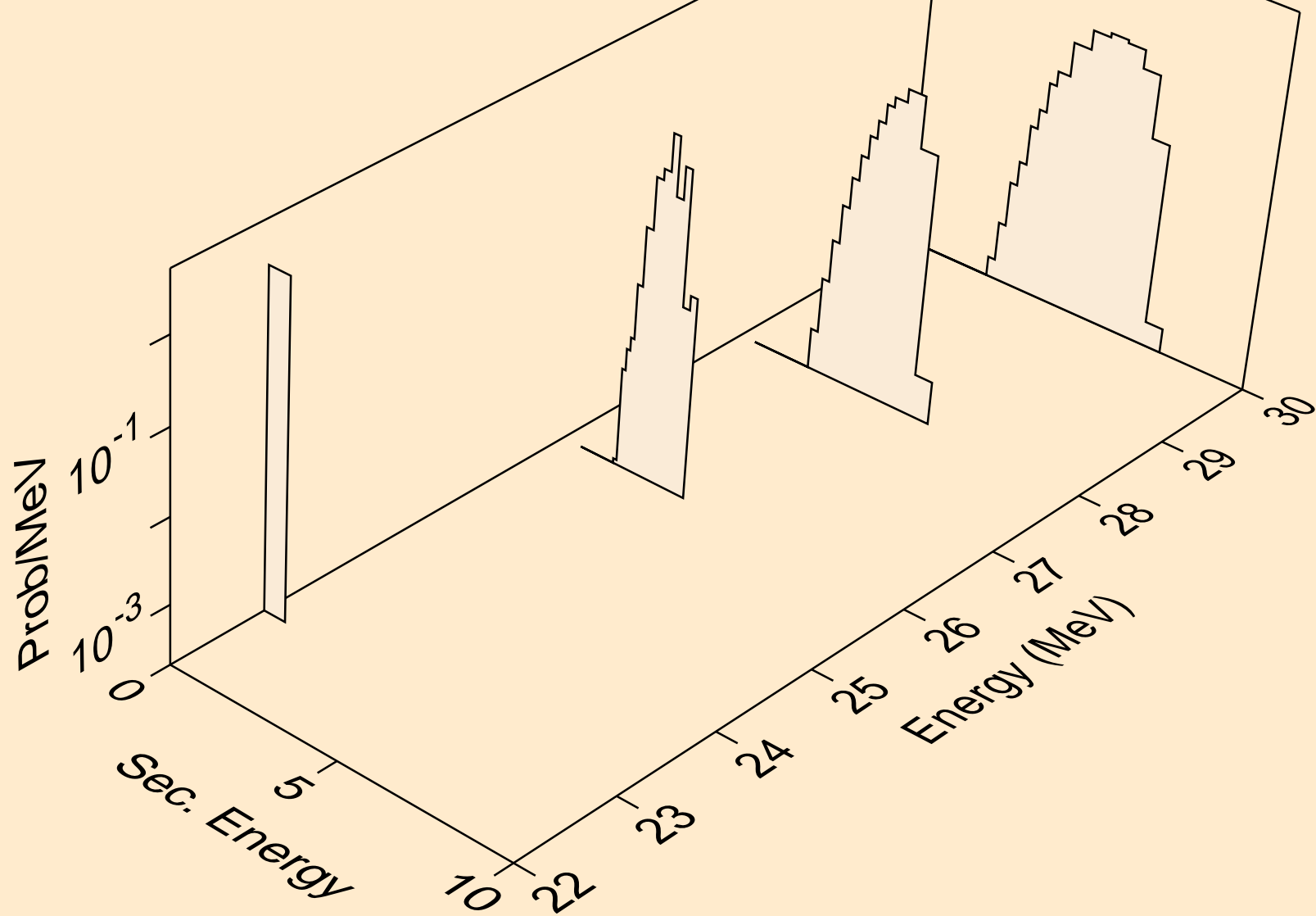
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protons from (n,pt)



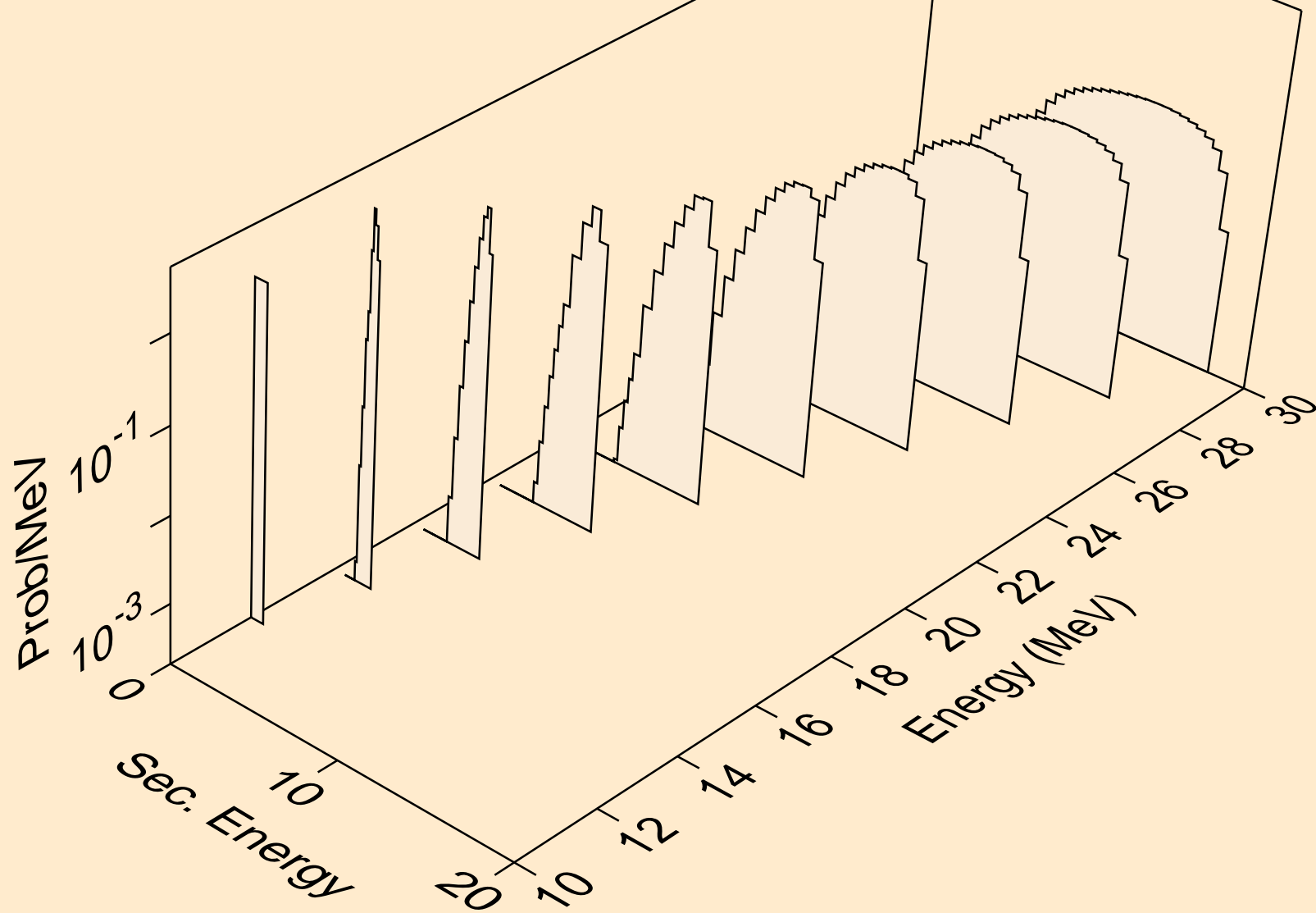
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



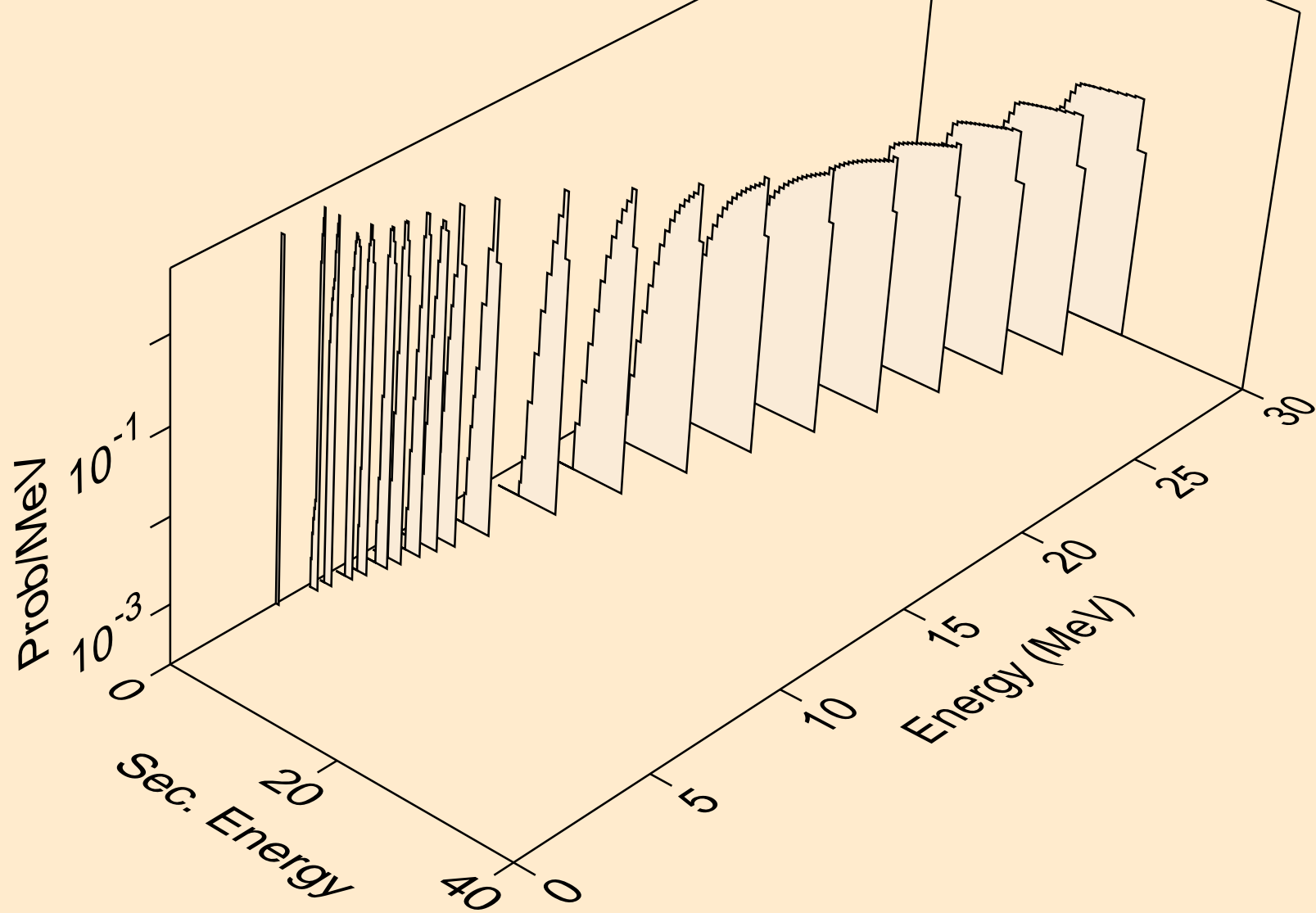
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



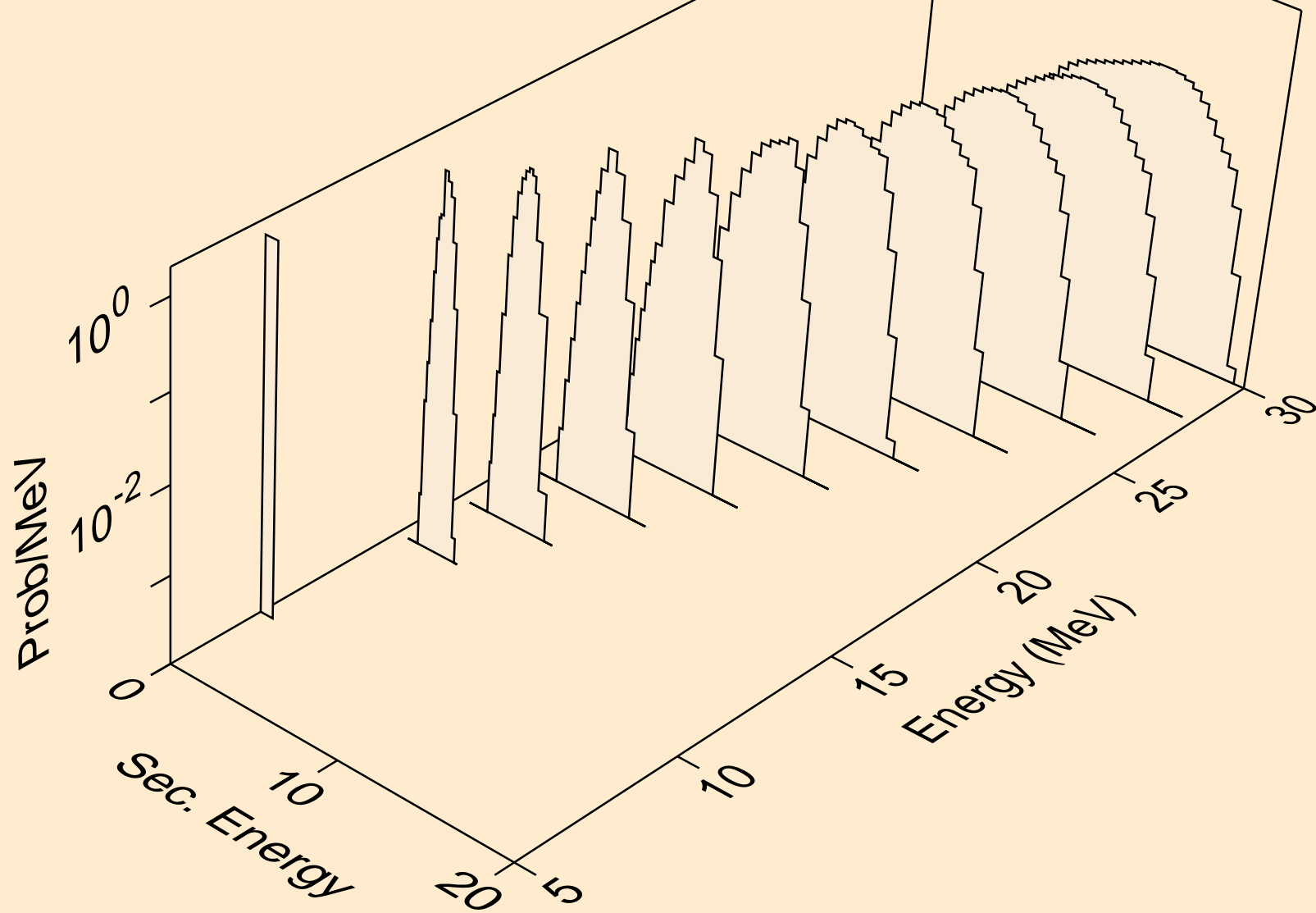
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



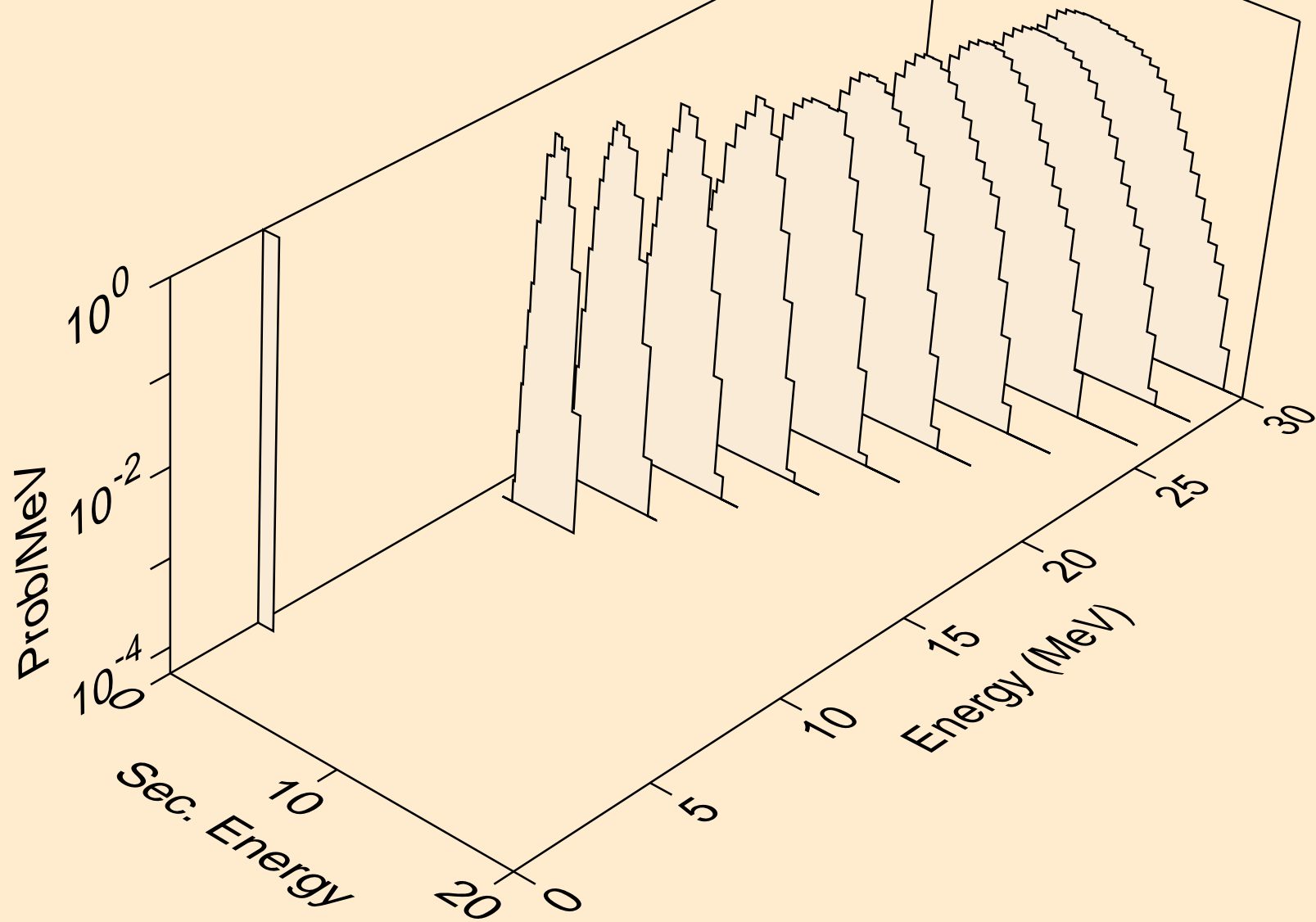
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



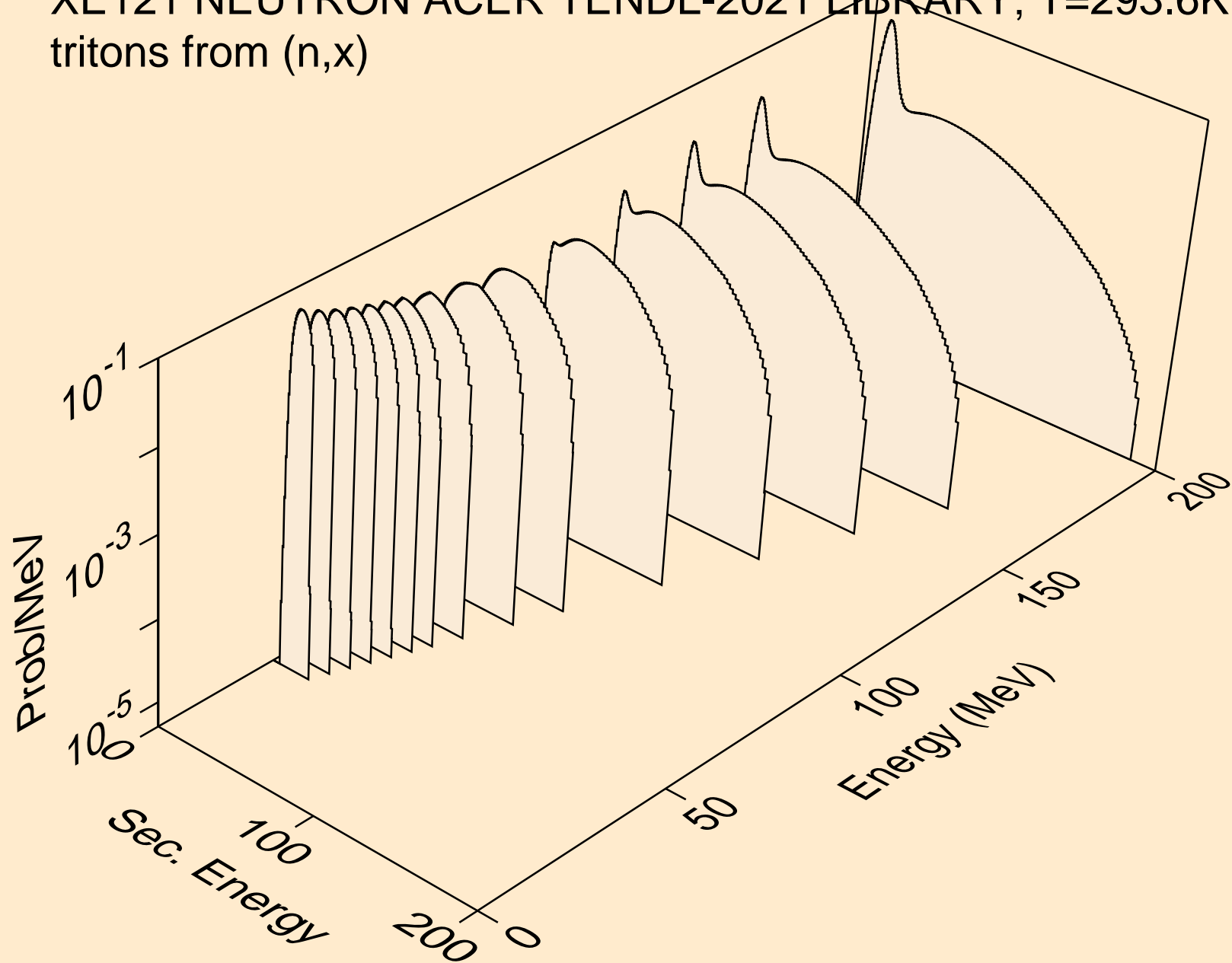
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

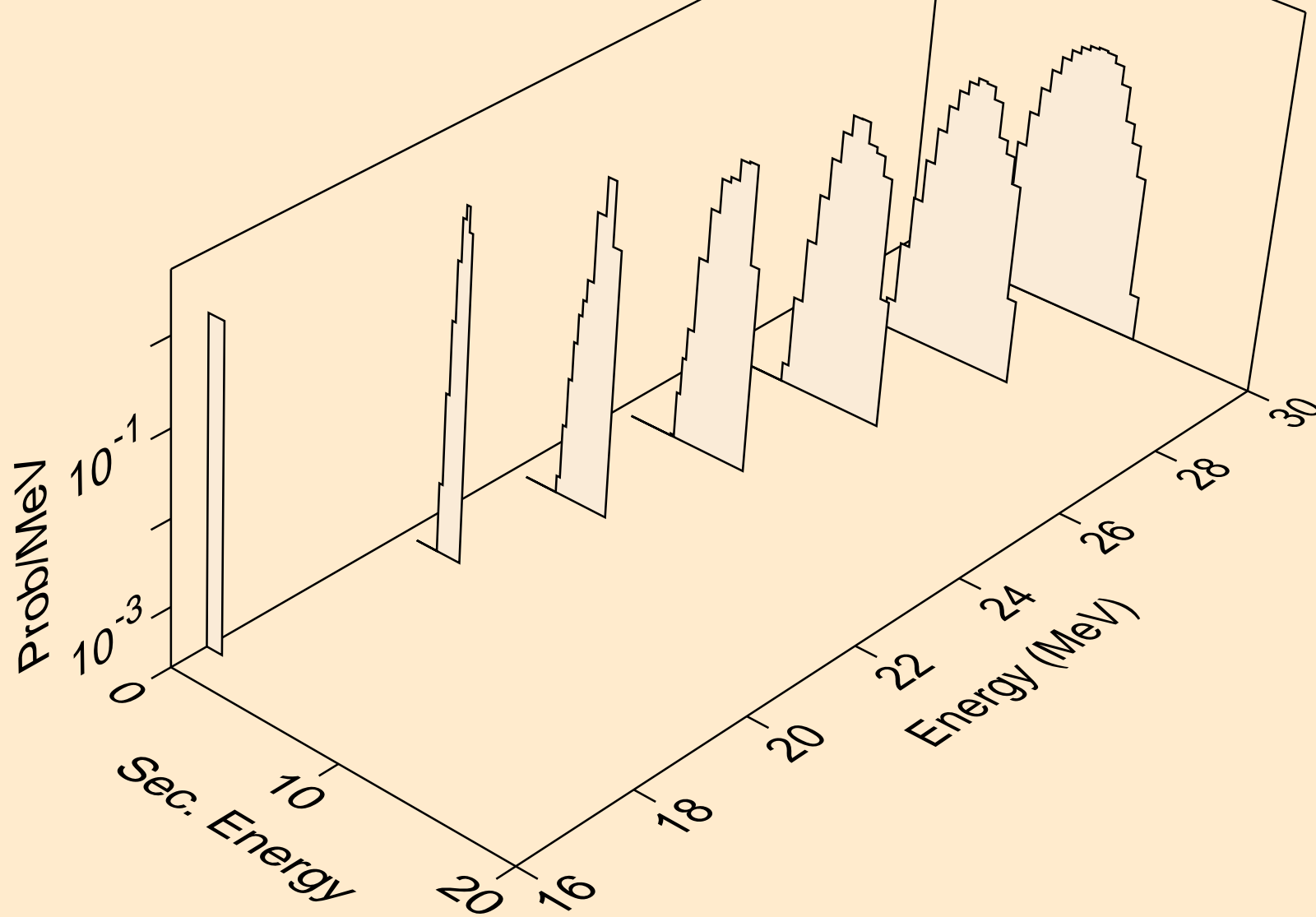


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

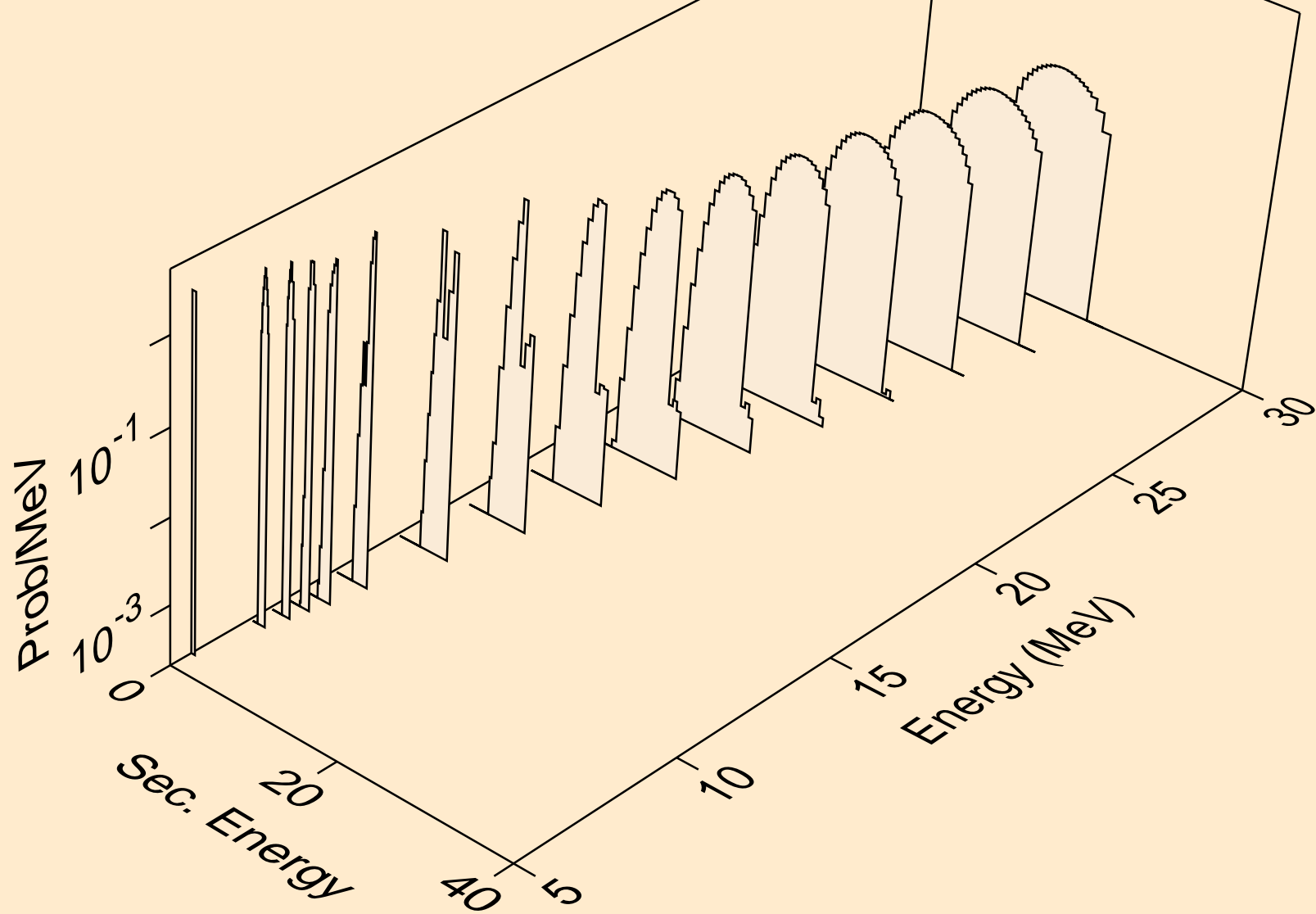




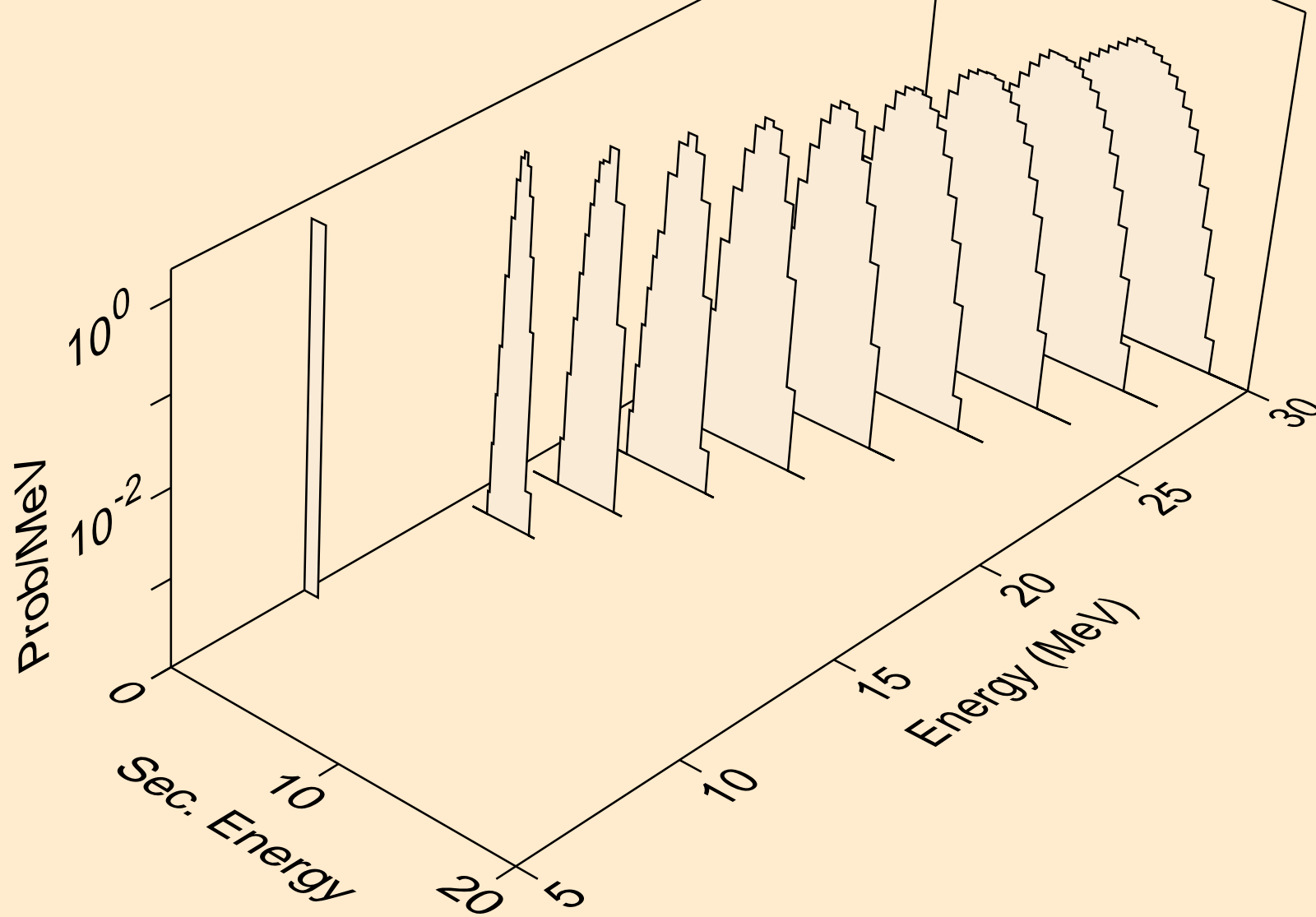
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



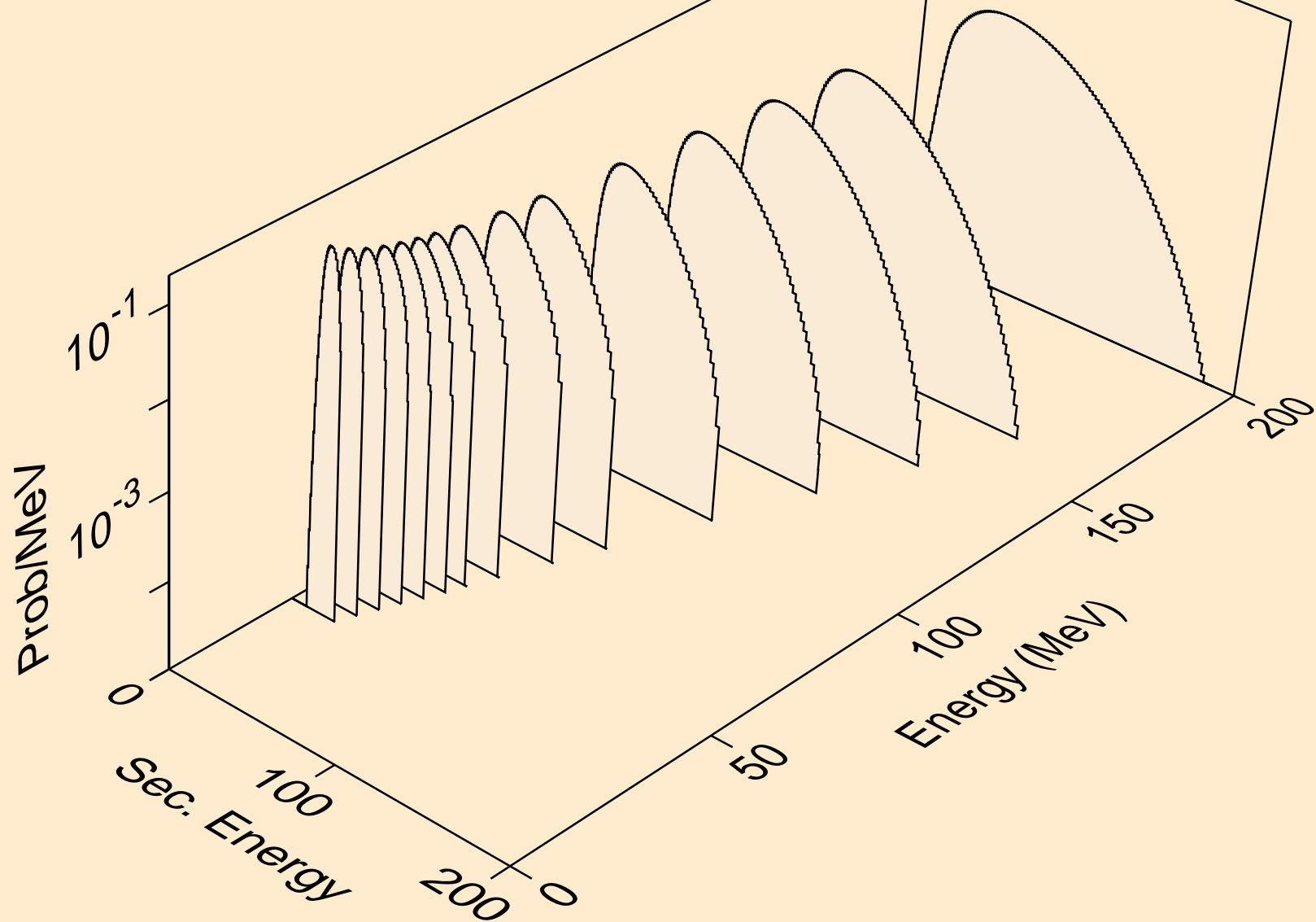
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



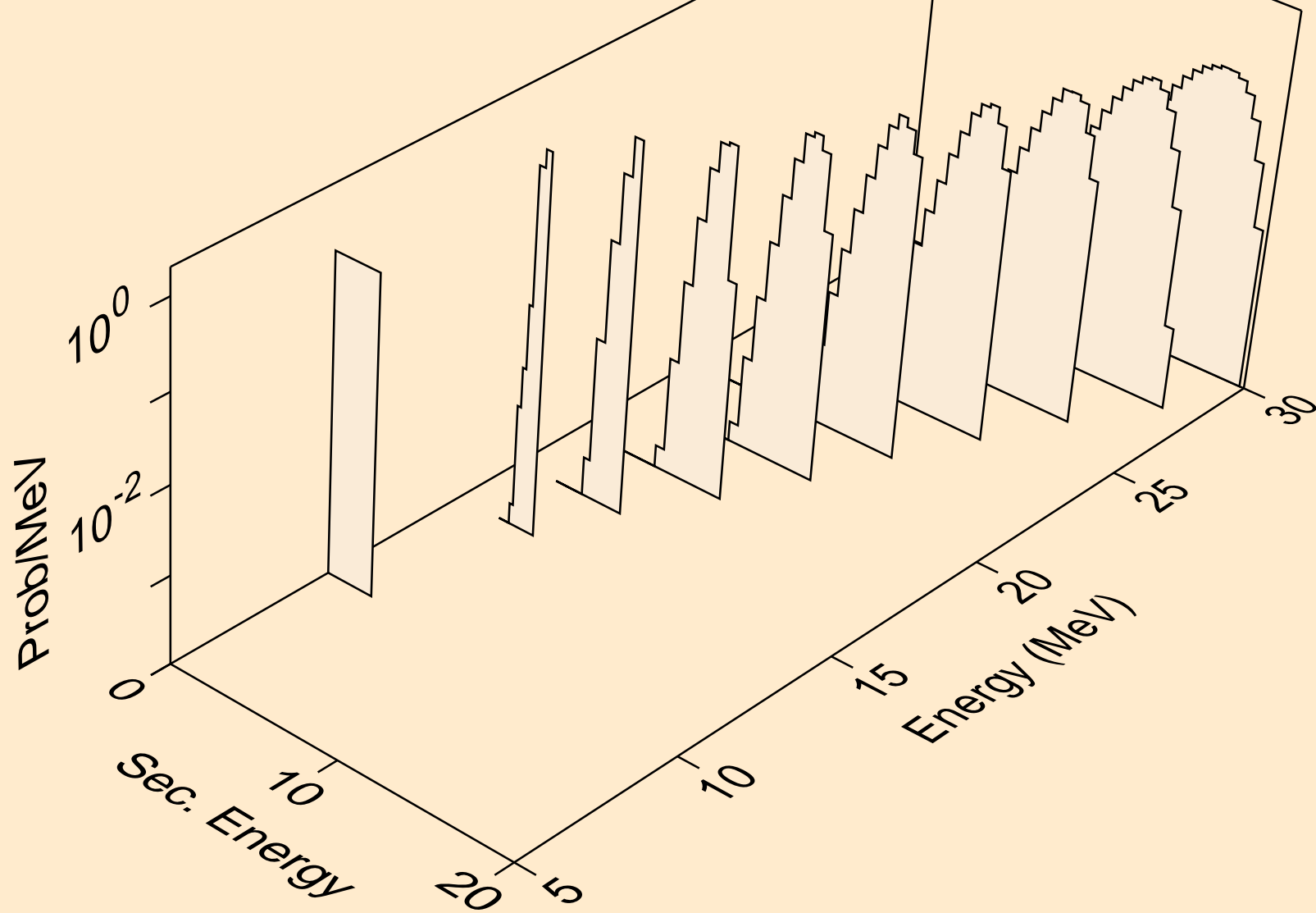
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



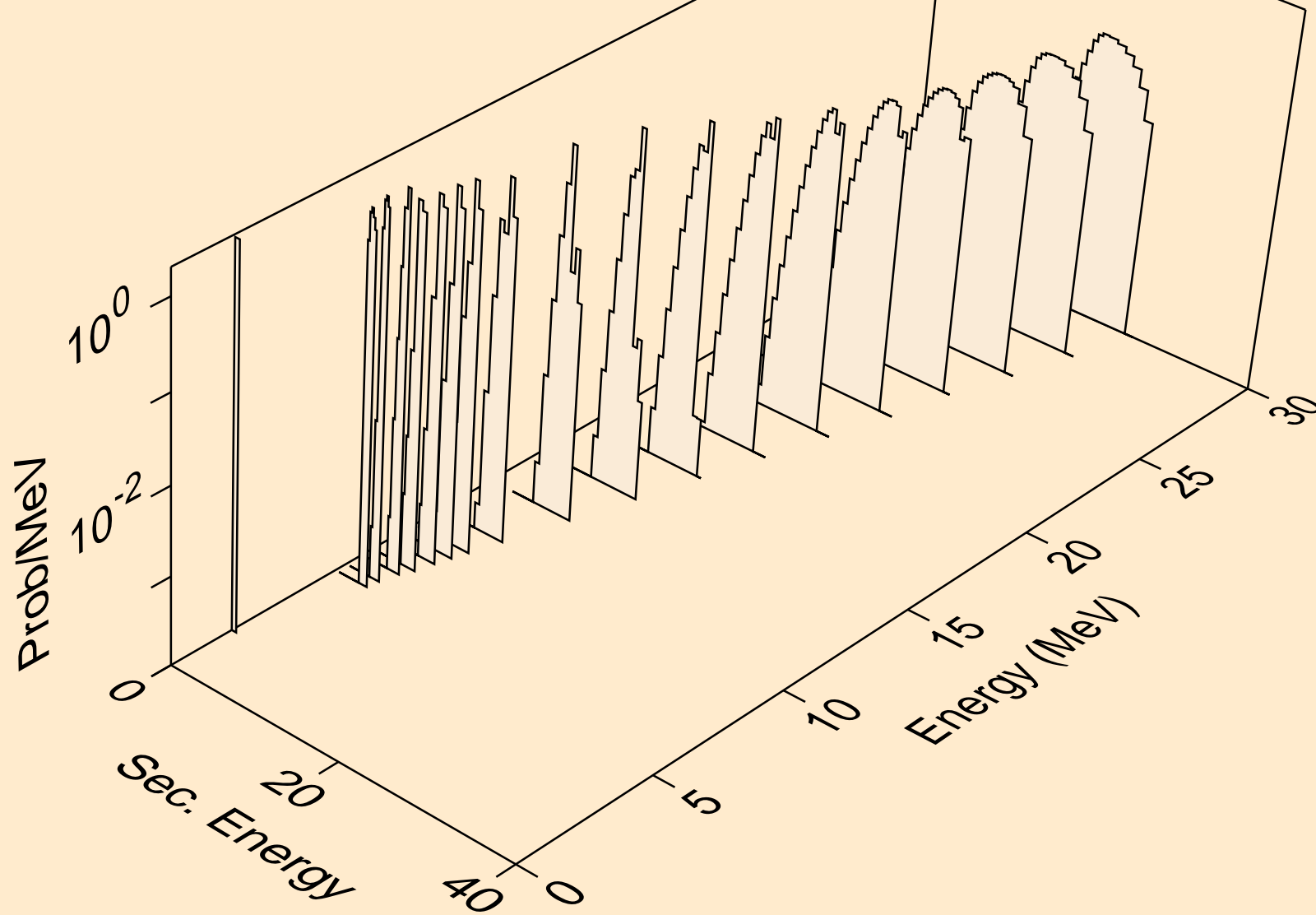
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



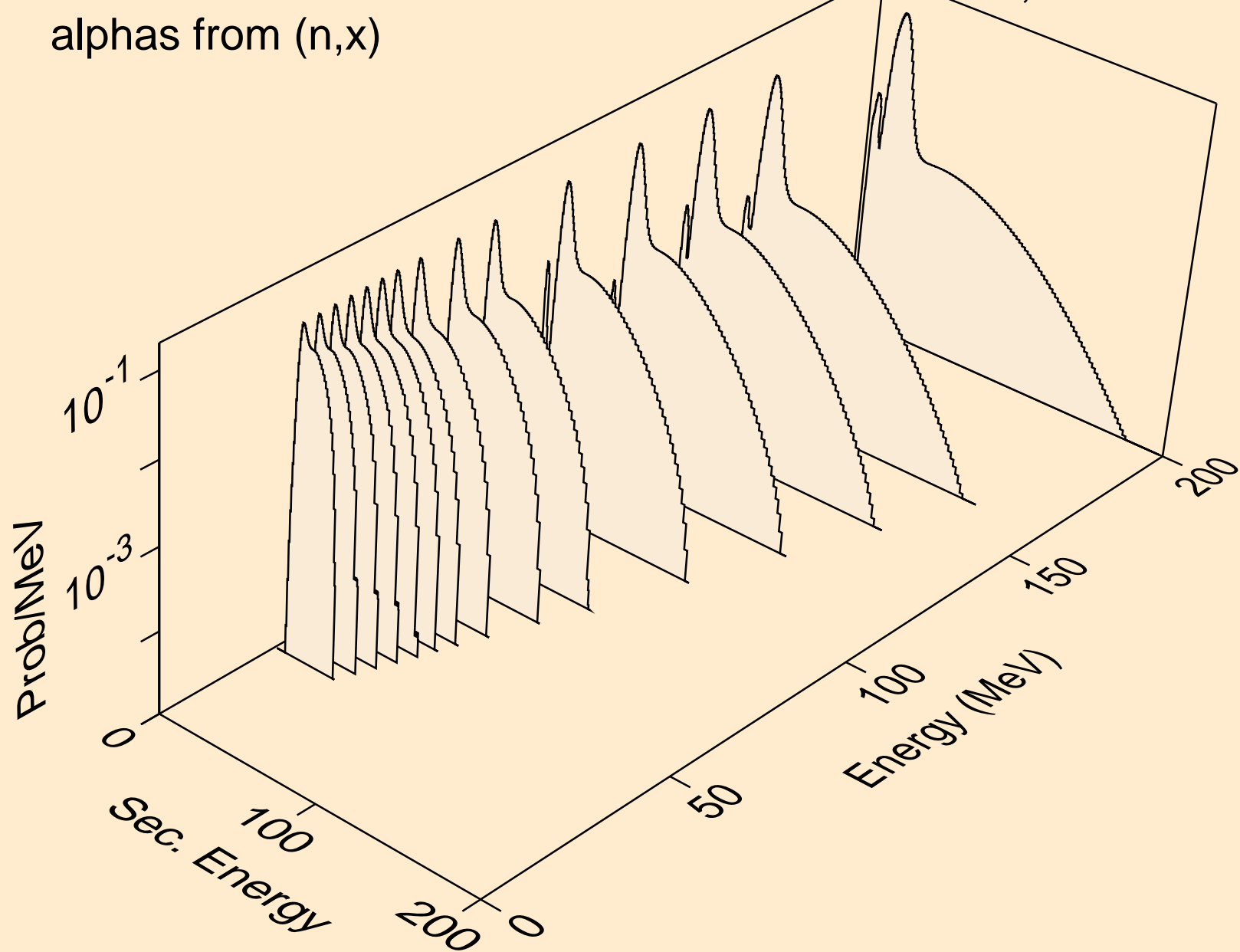
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



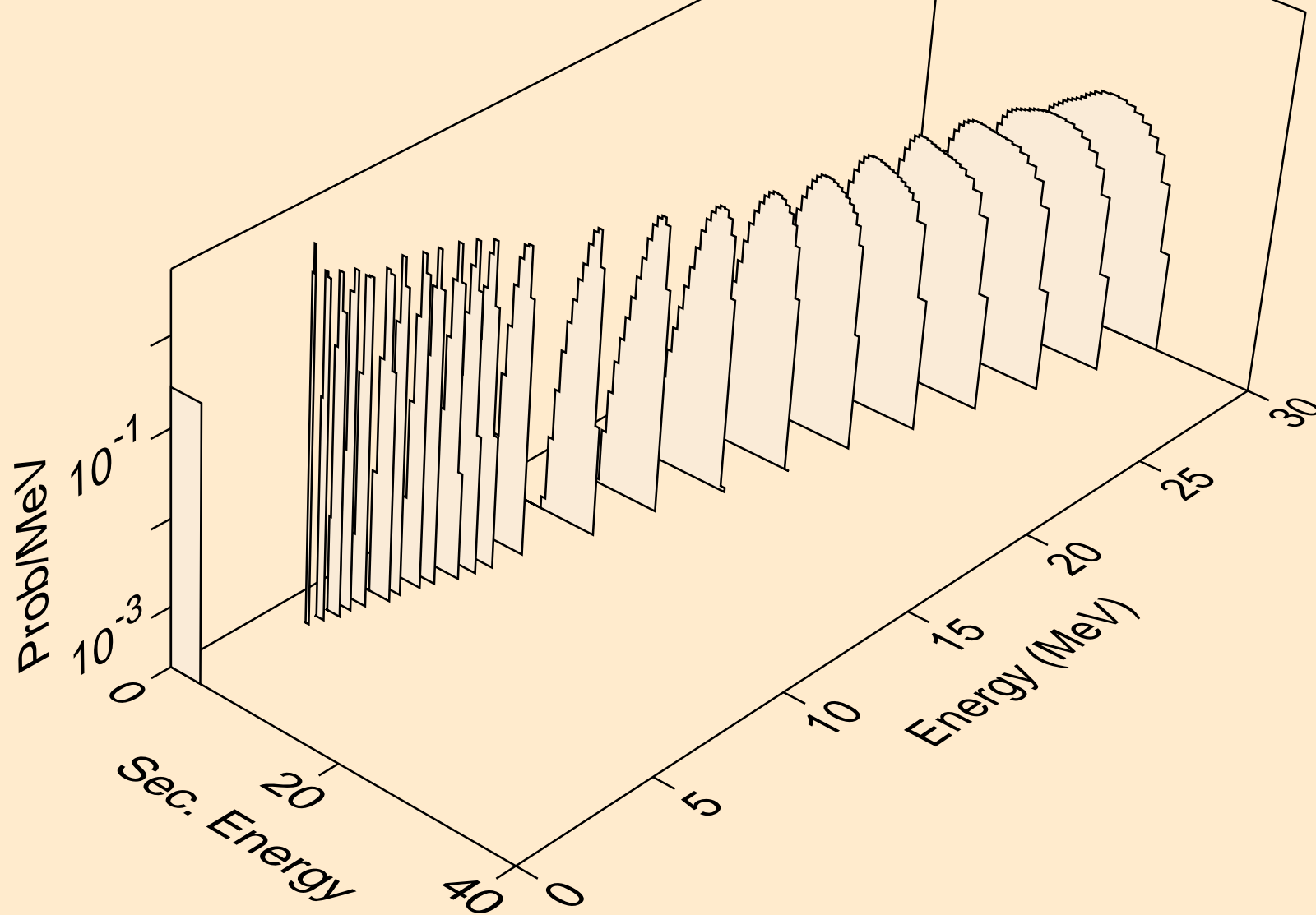
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

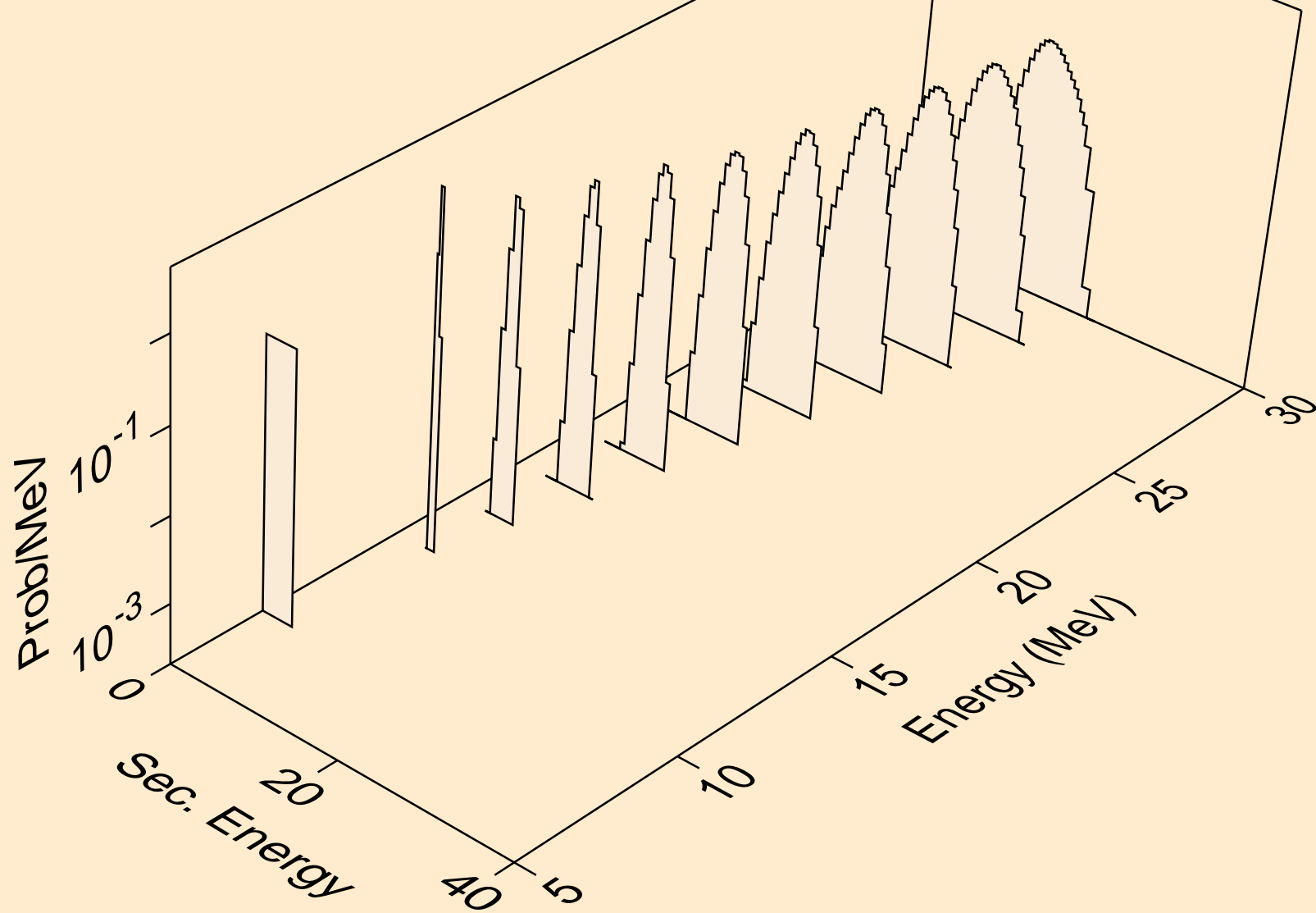


XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

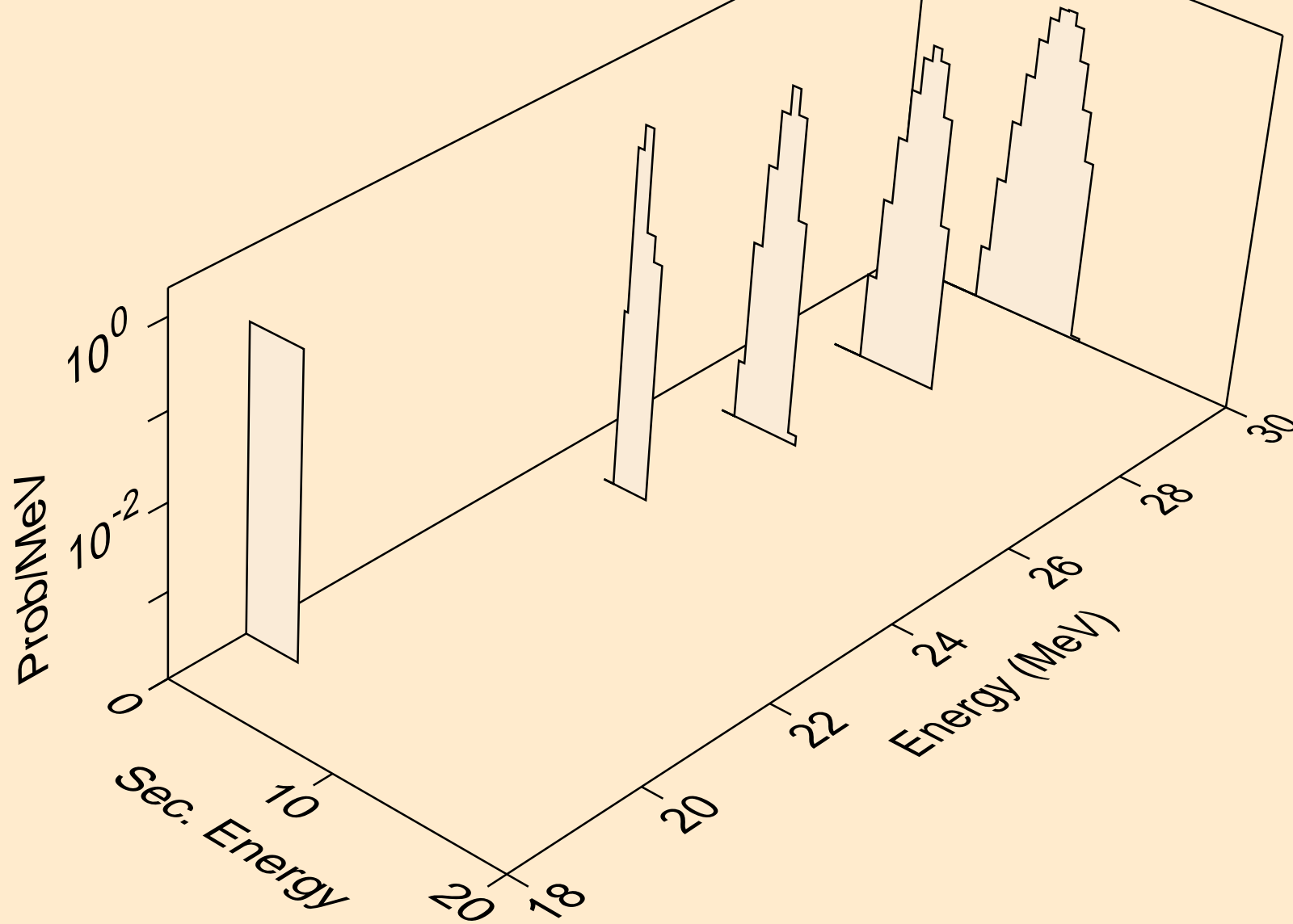




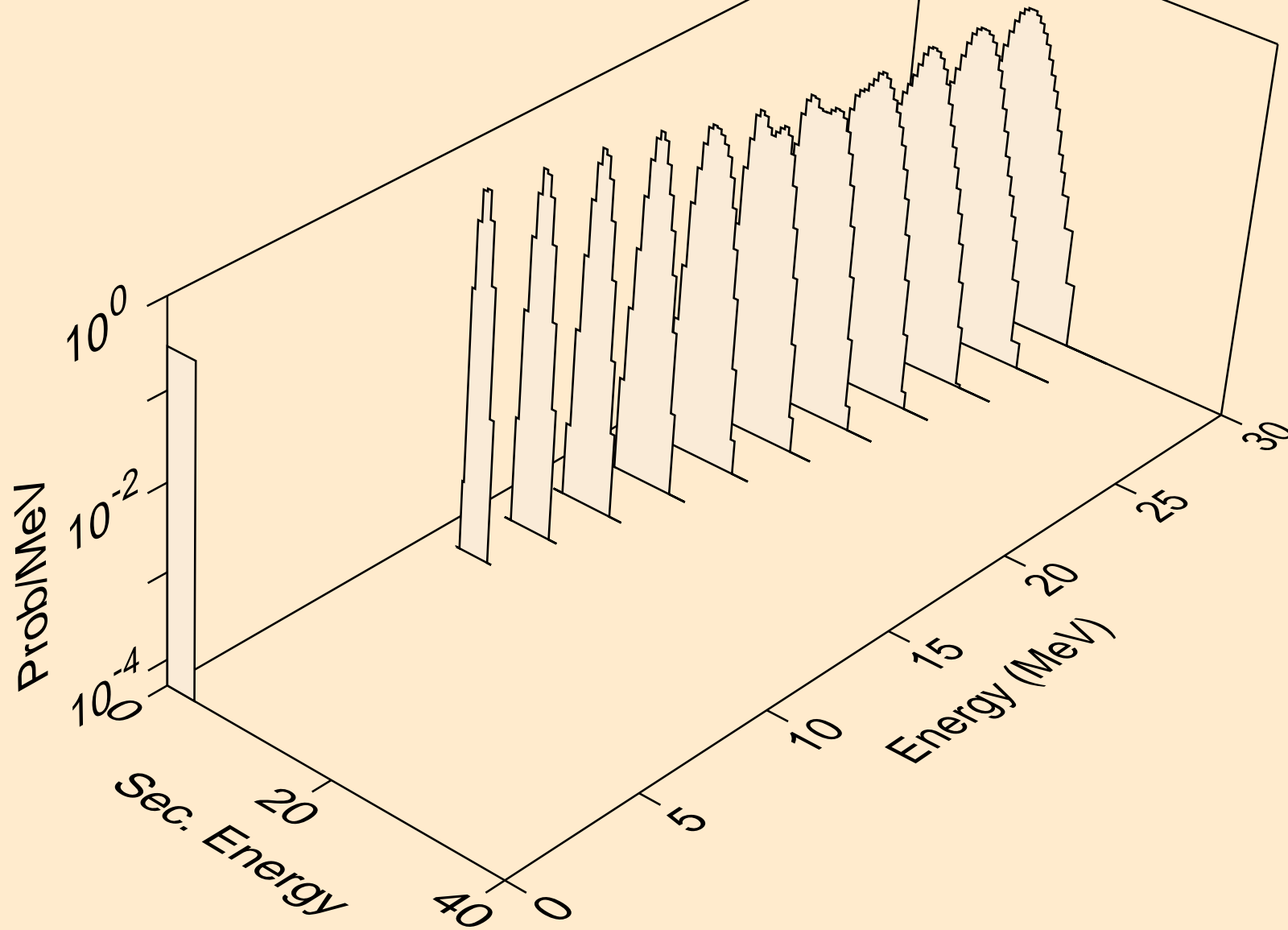
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



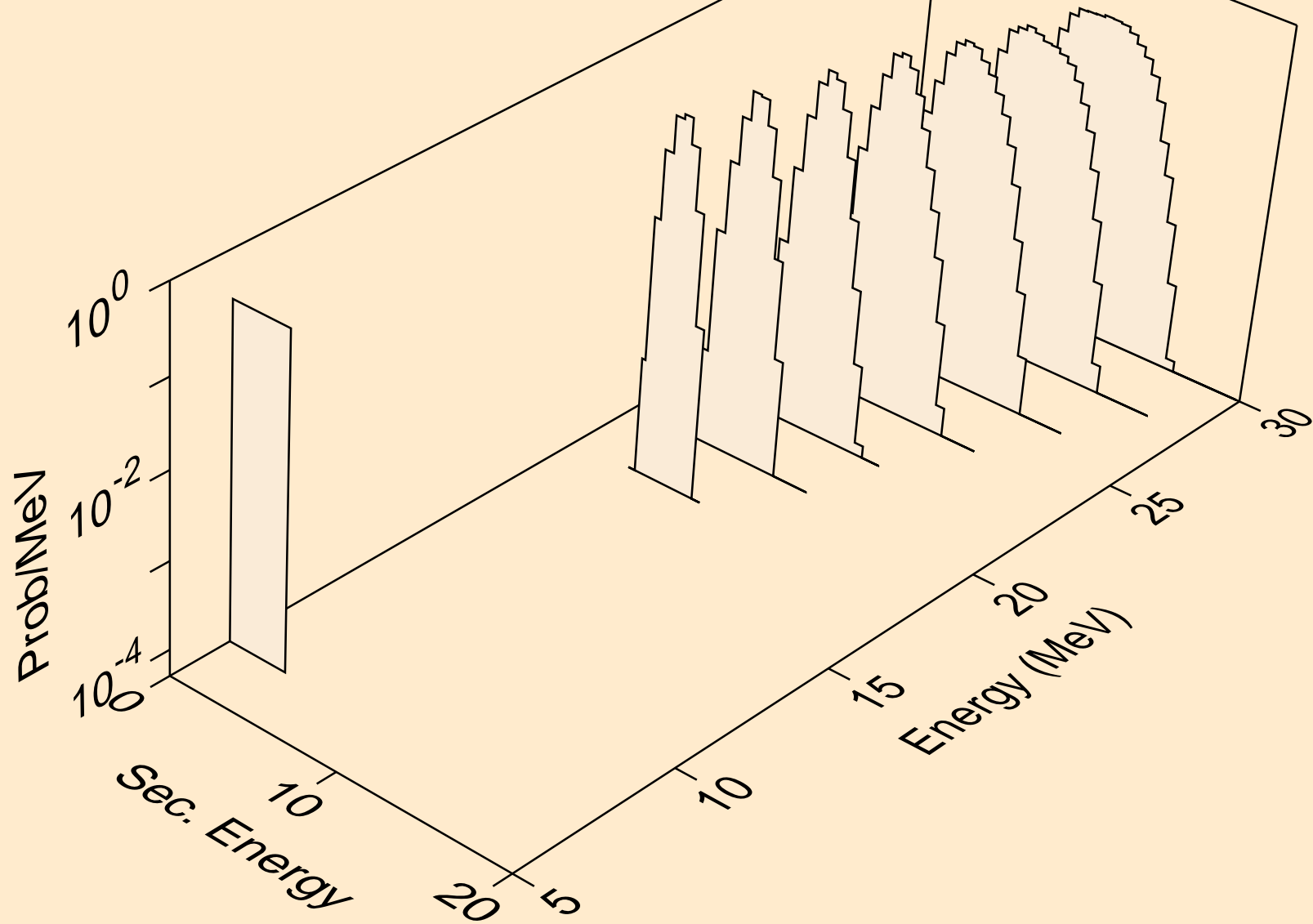
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



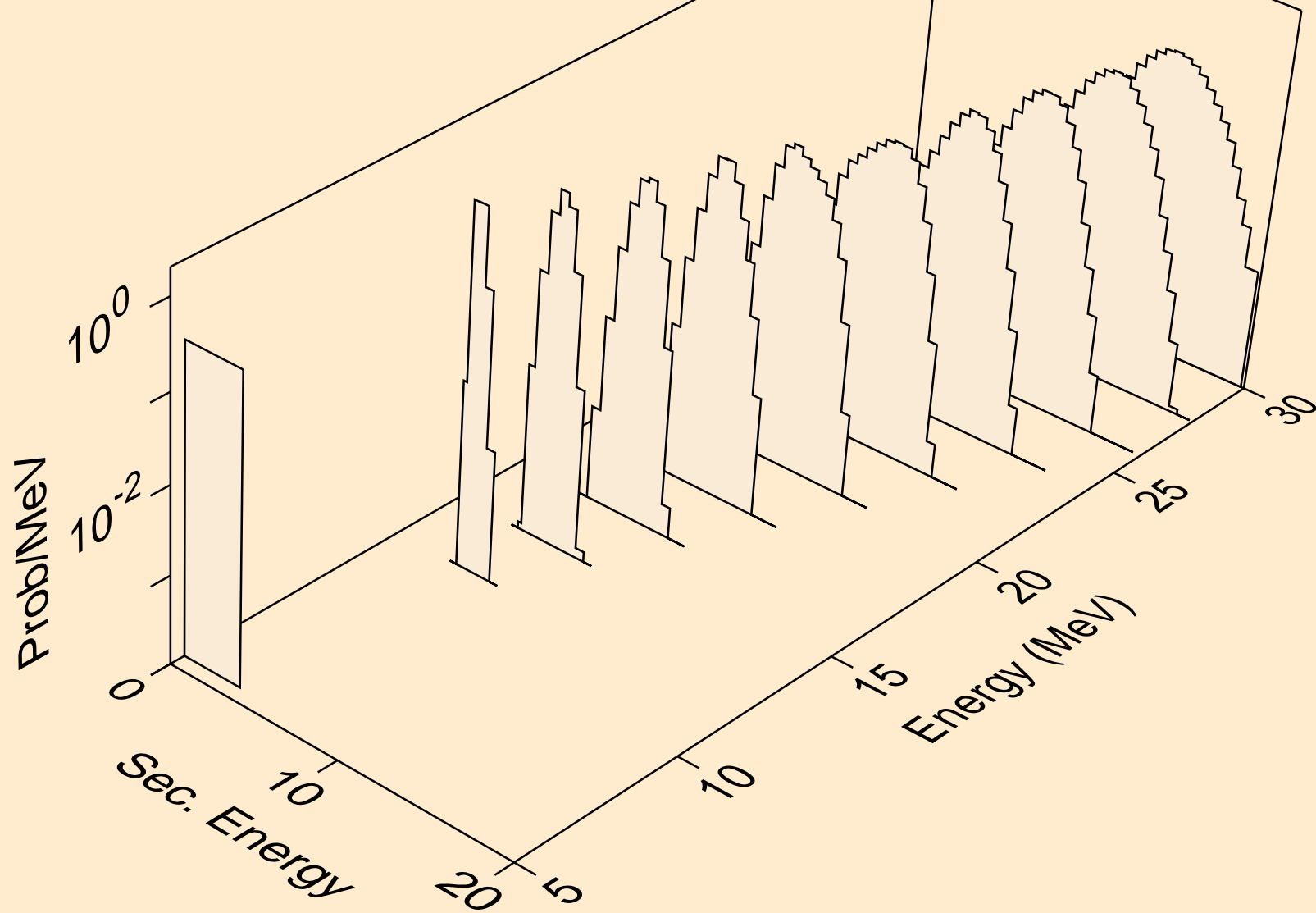
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



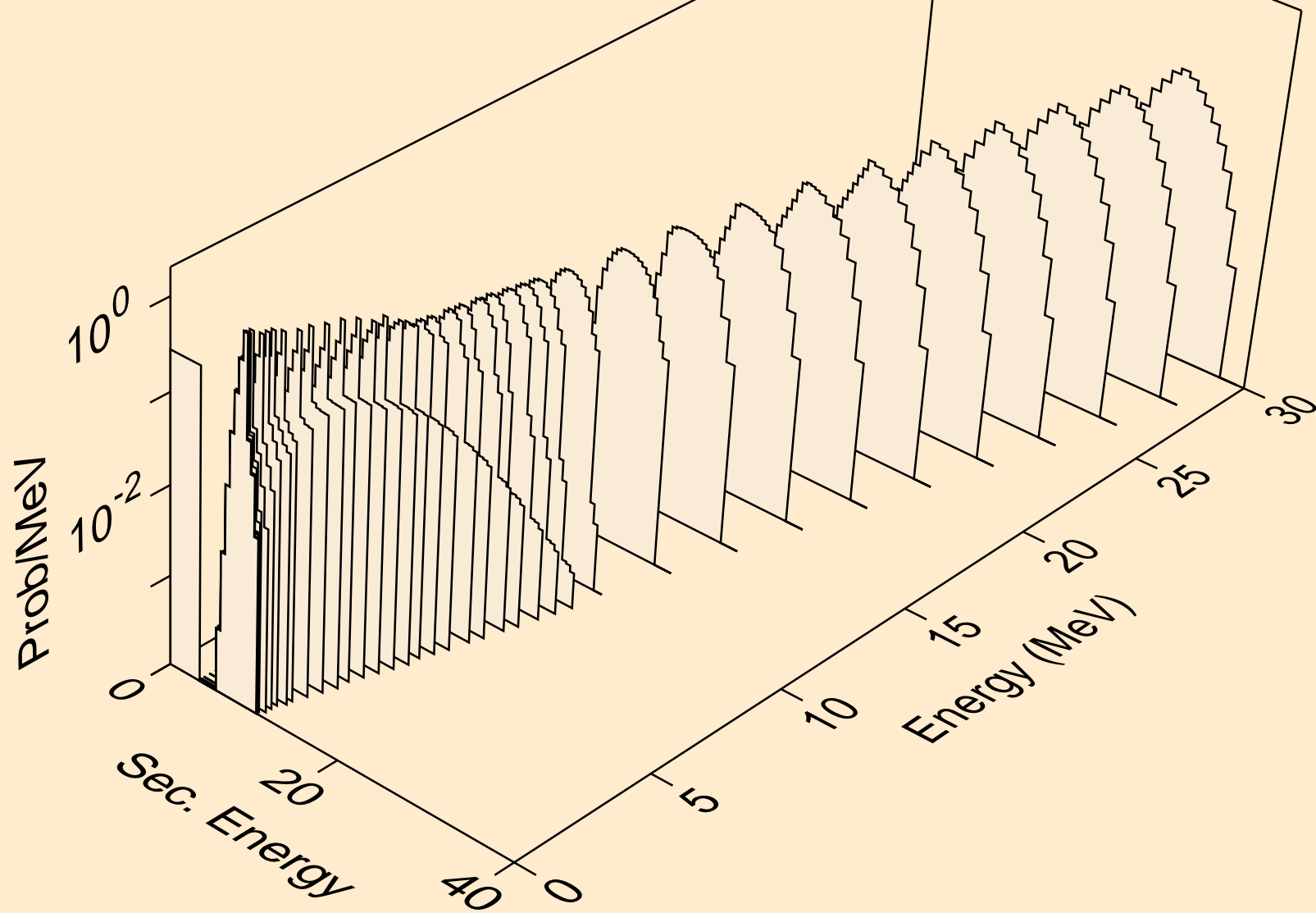
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



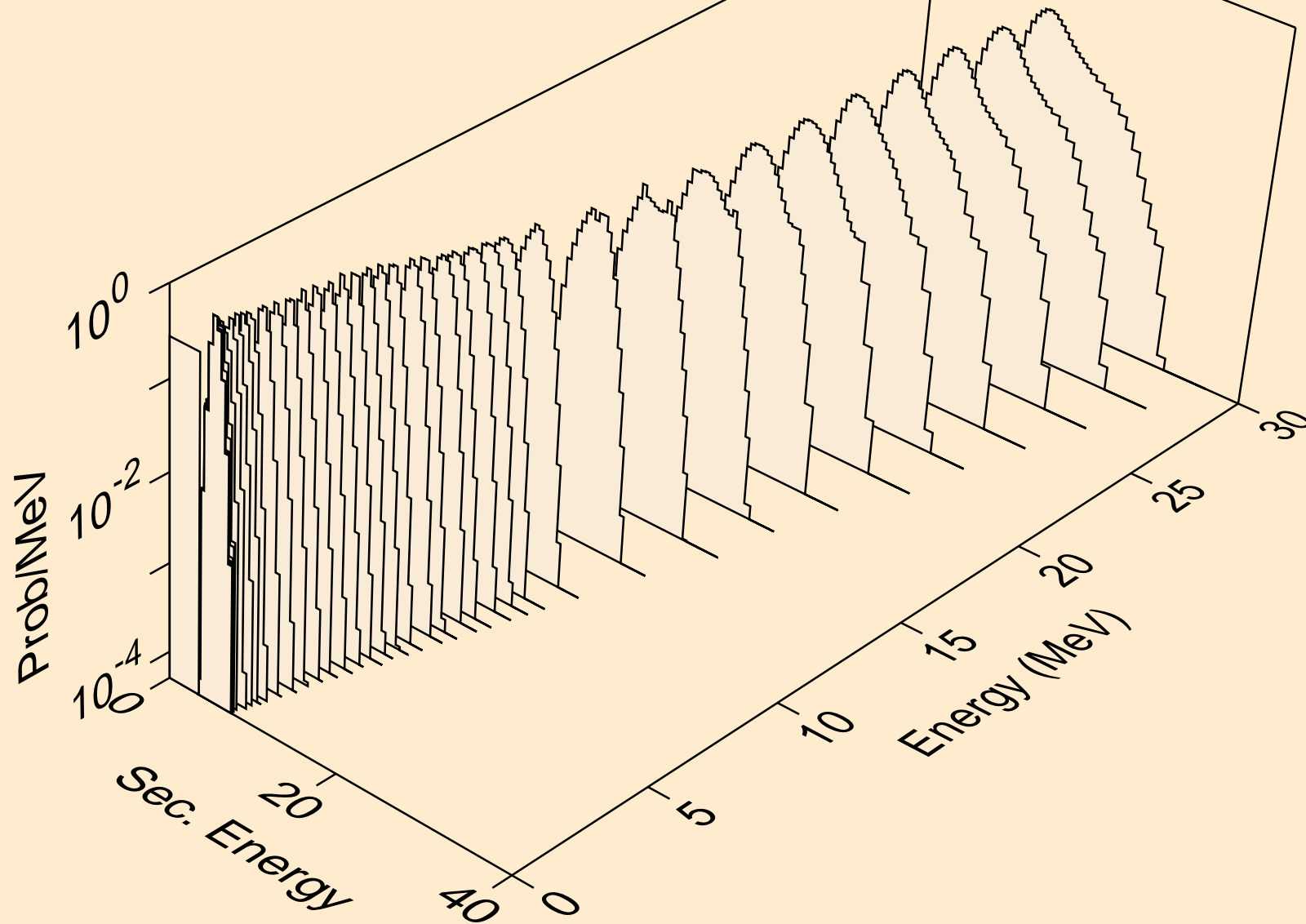
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



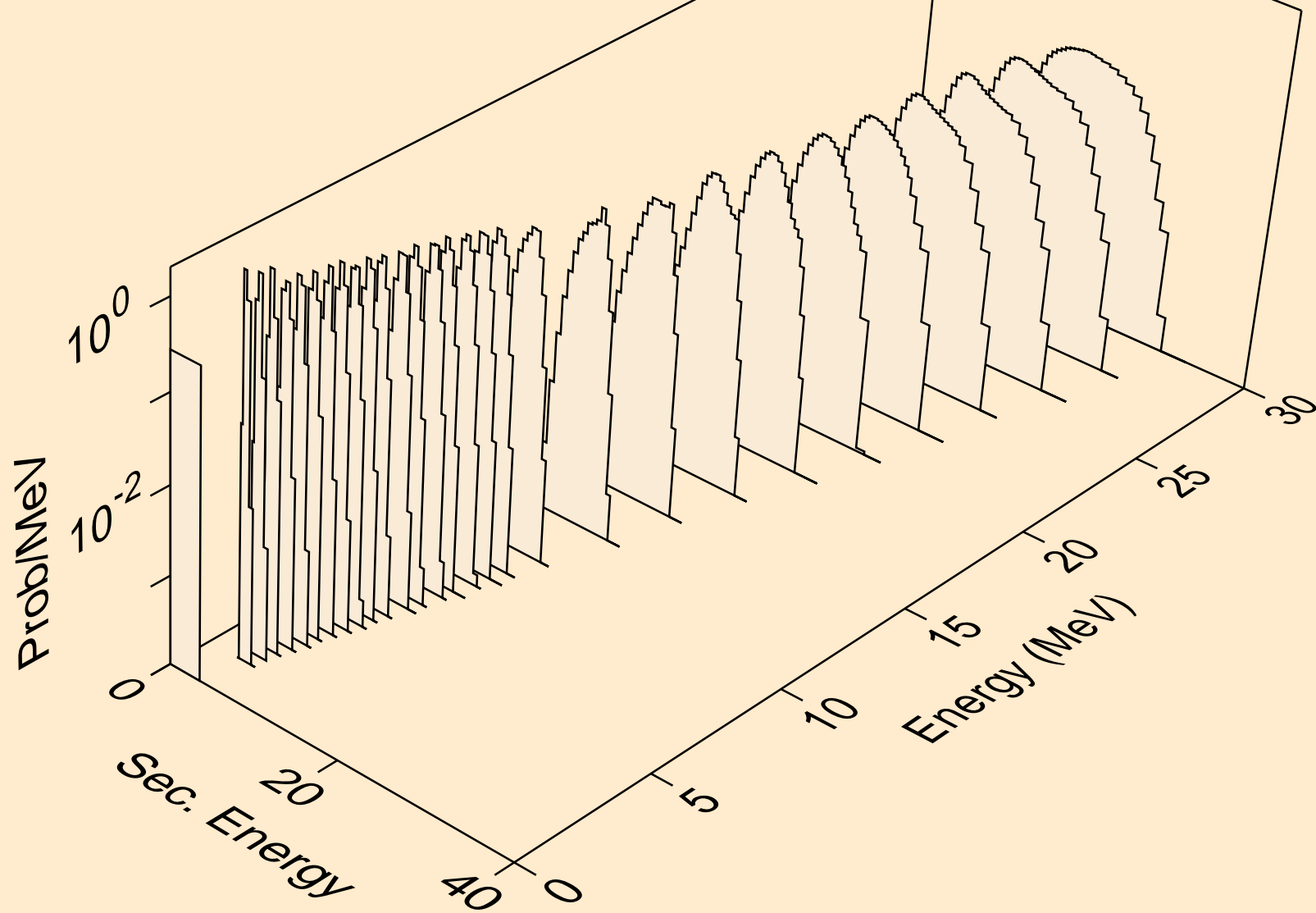
XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





XE121 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

