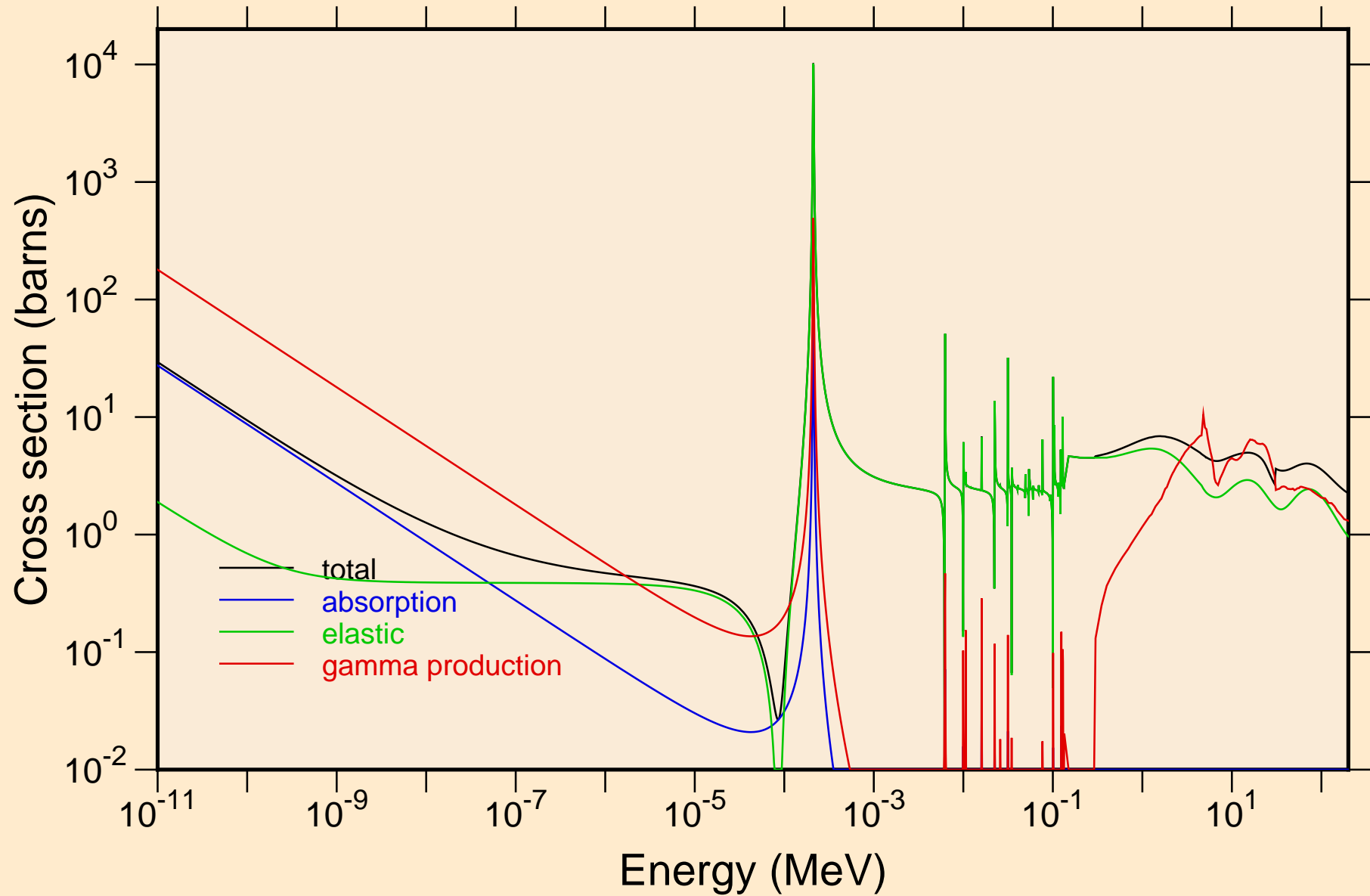
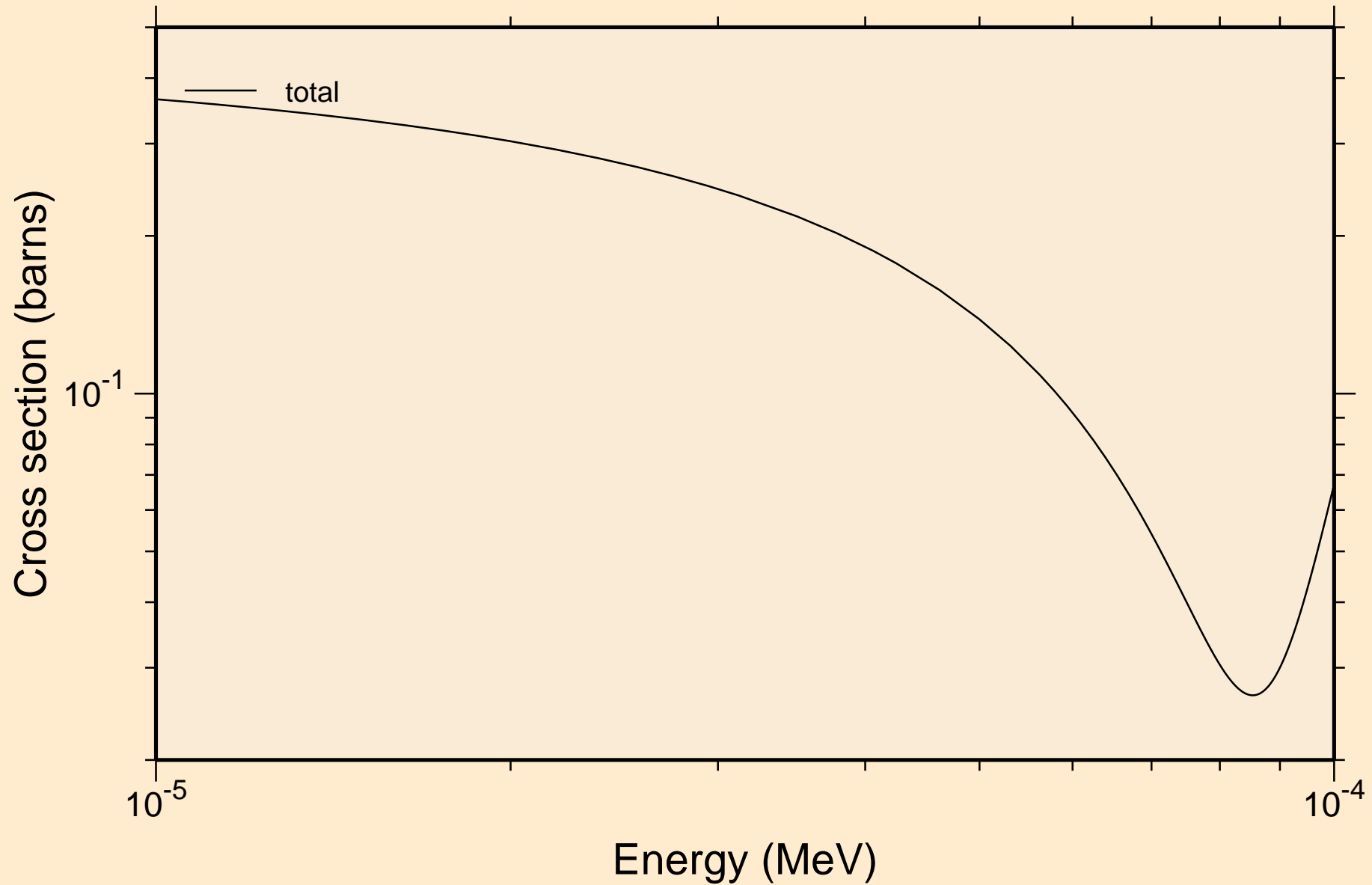


# XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

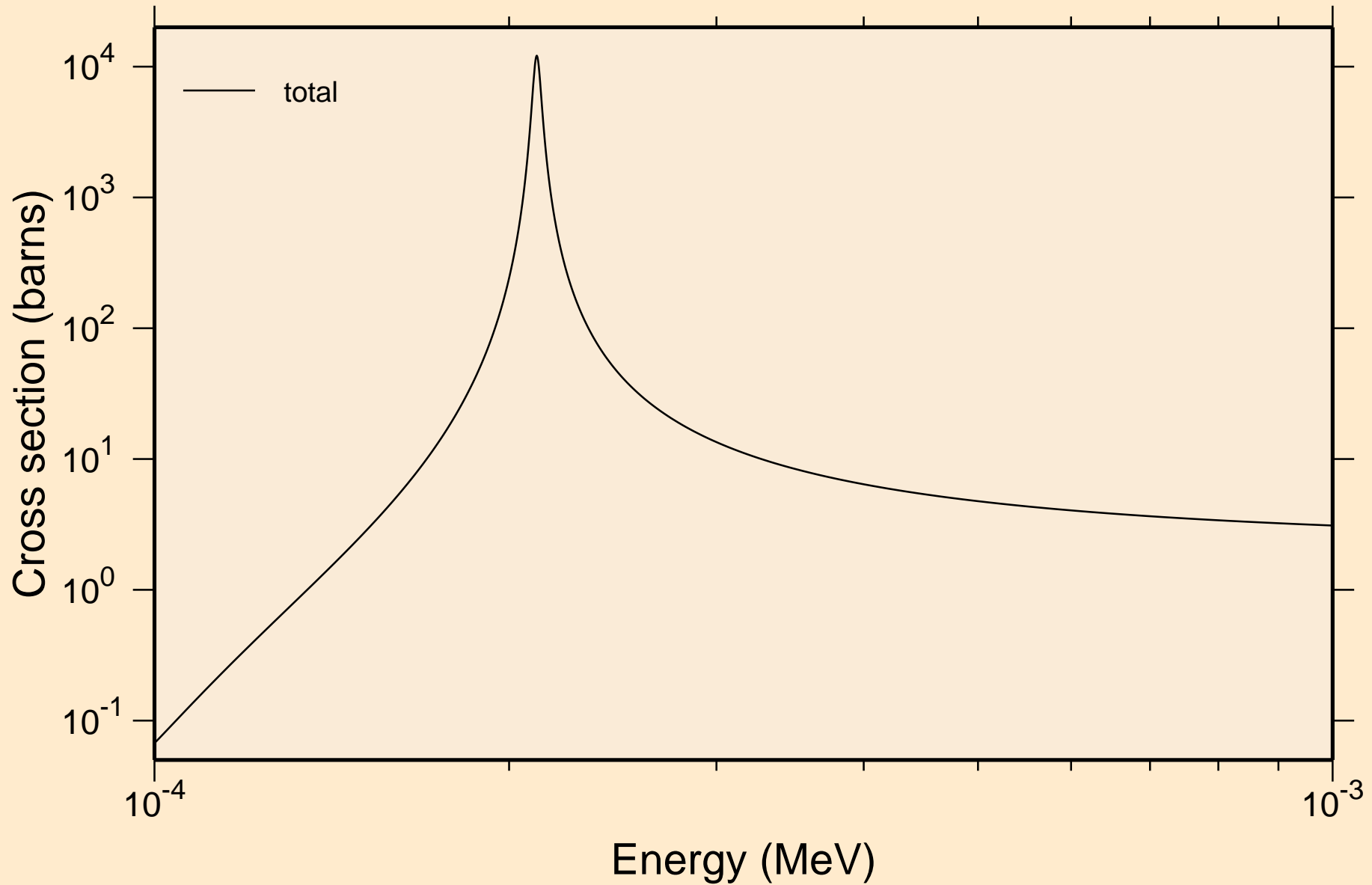
## Principal cross sections



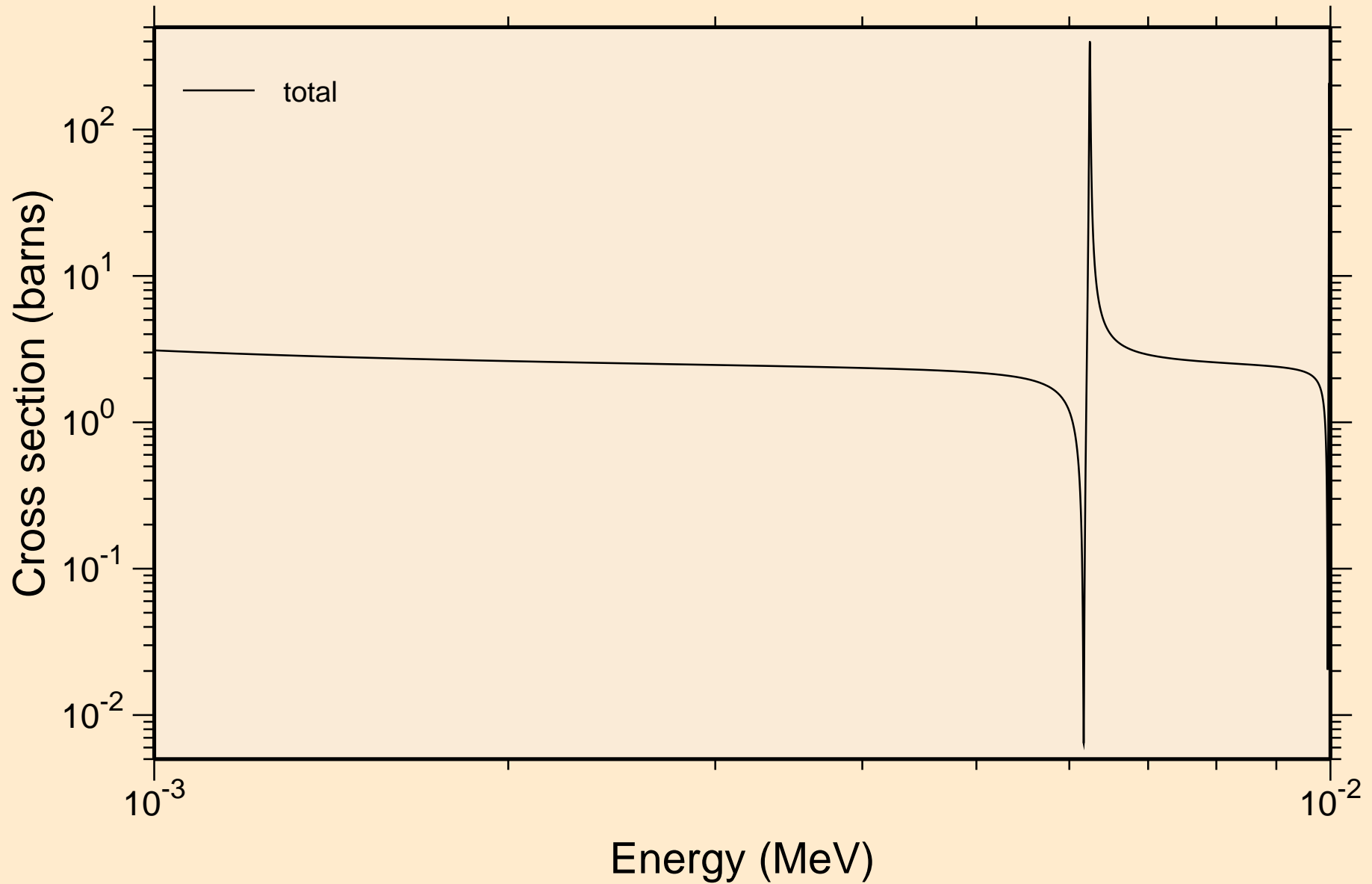
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



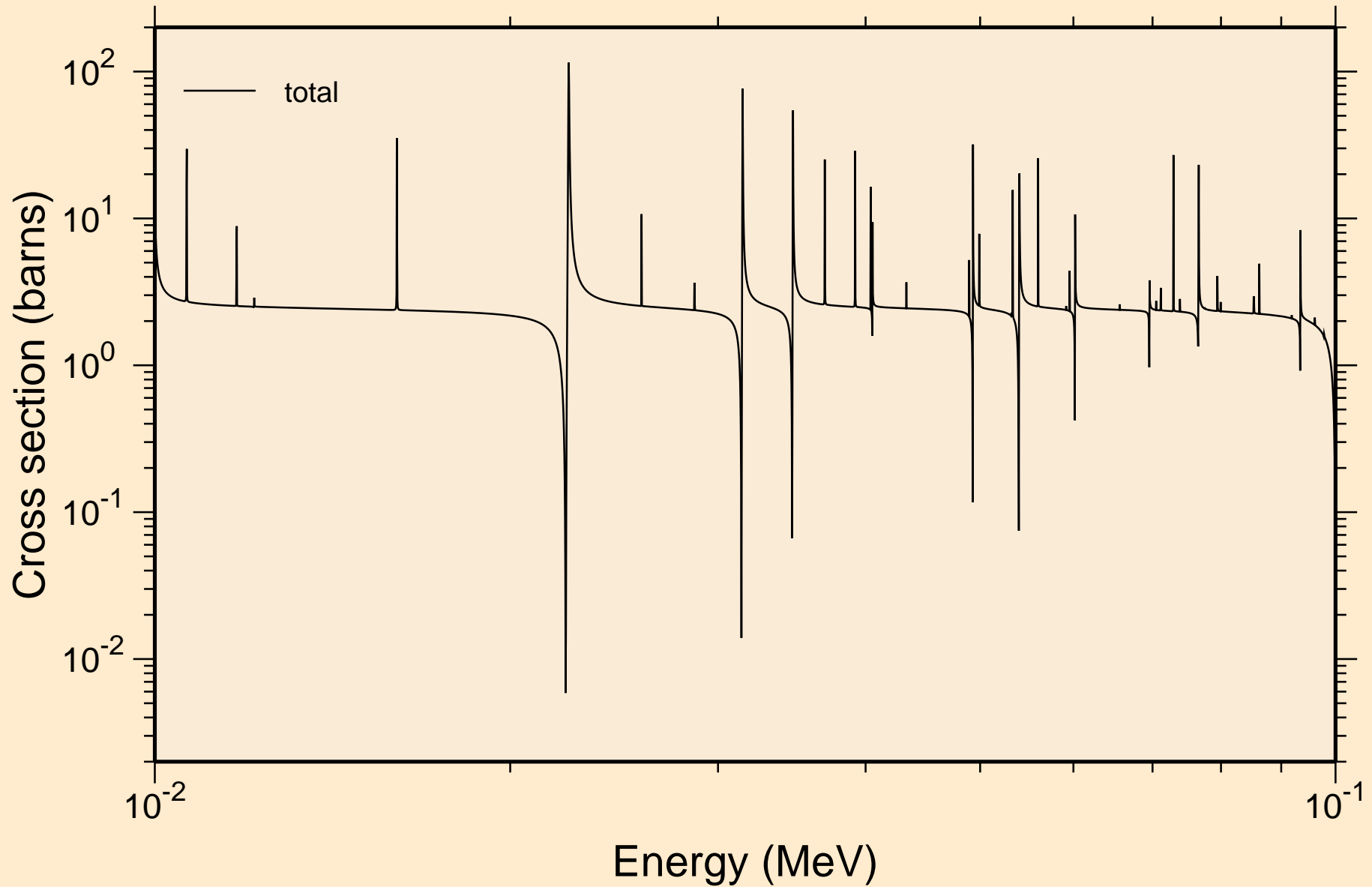
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



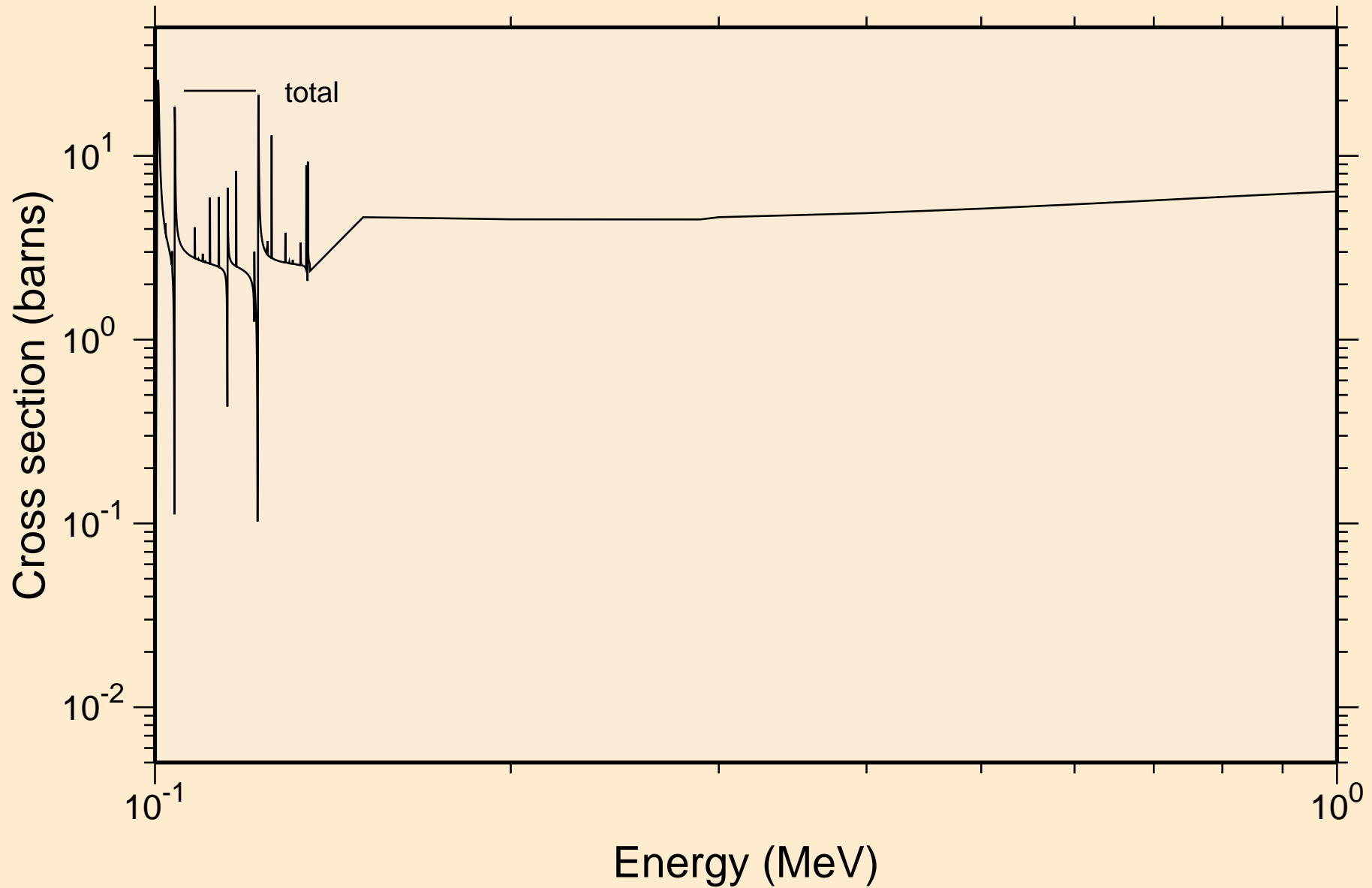
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



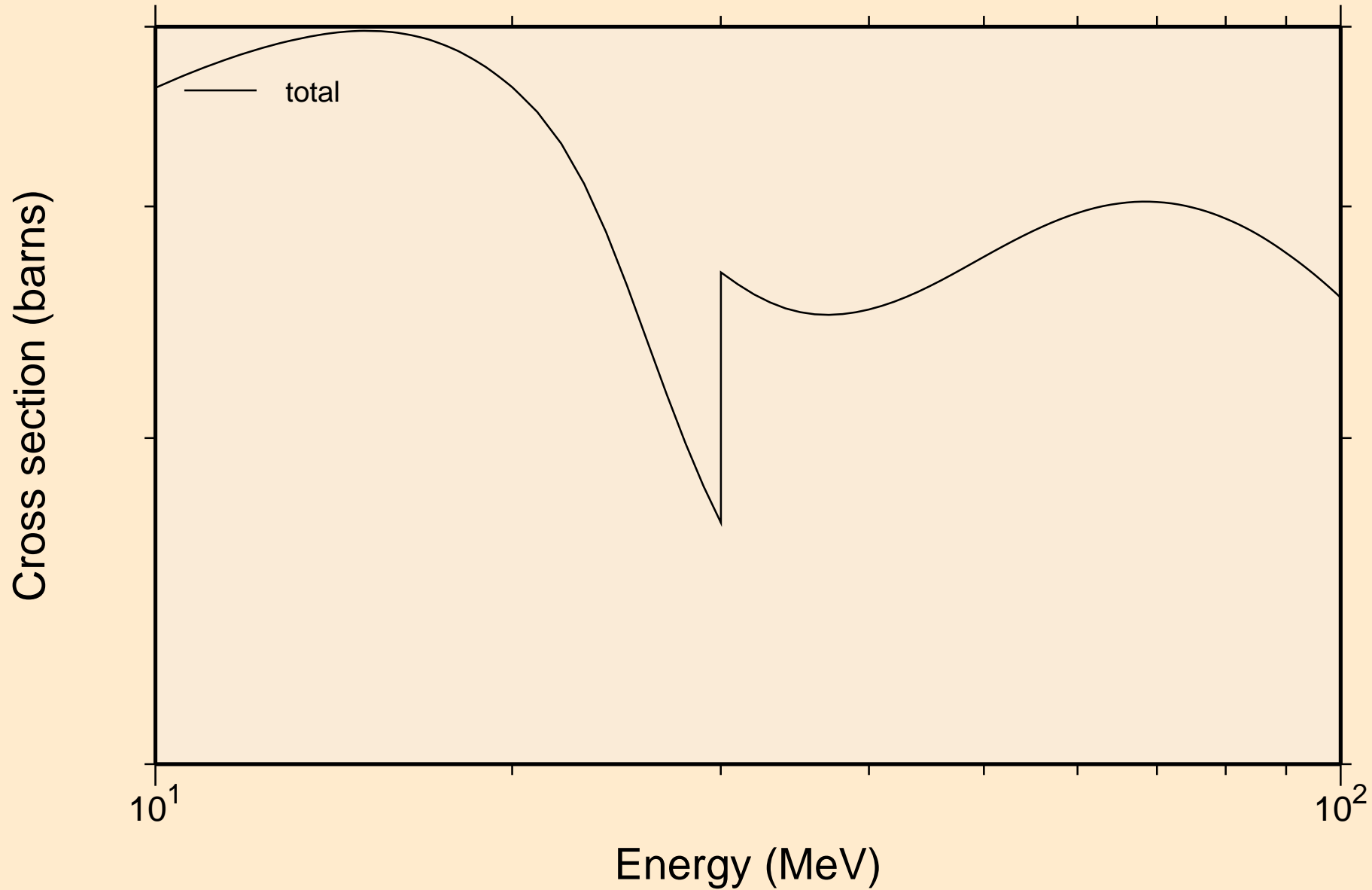
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



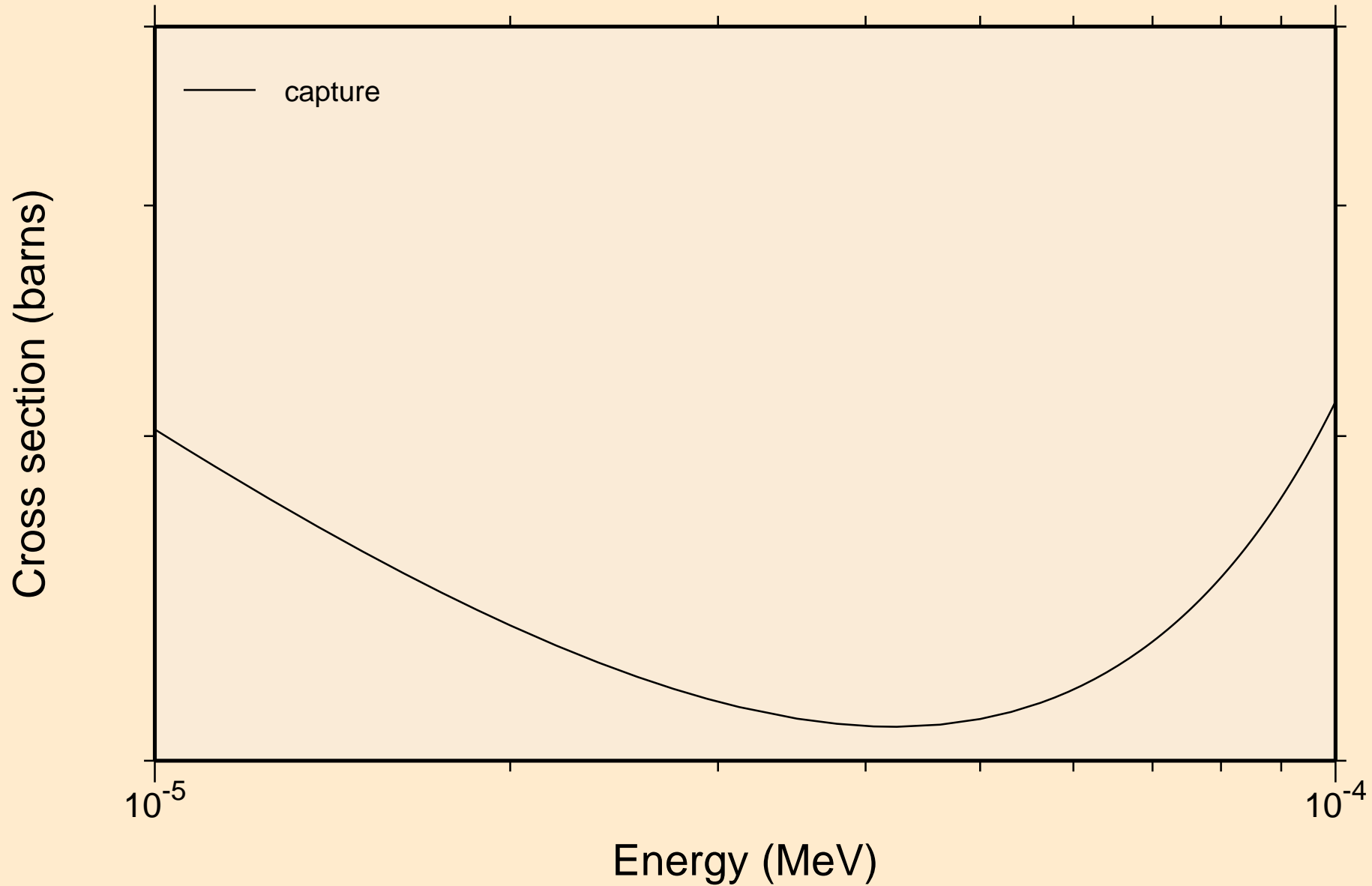
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section

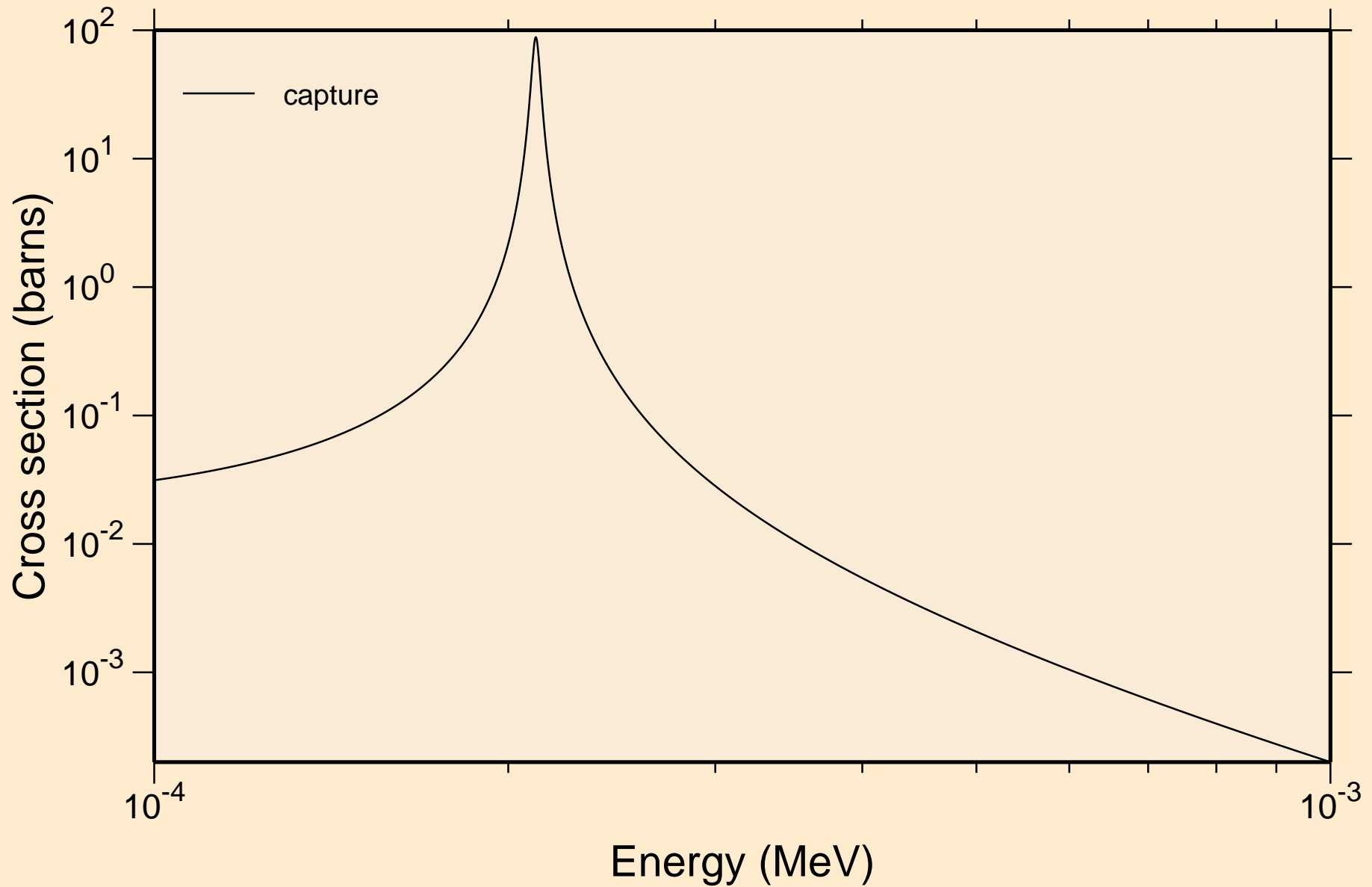


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

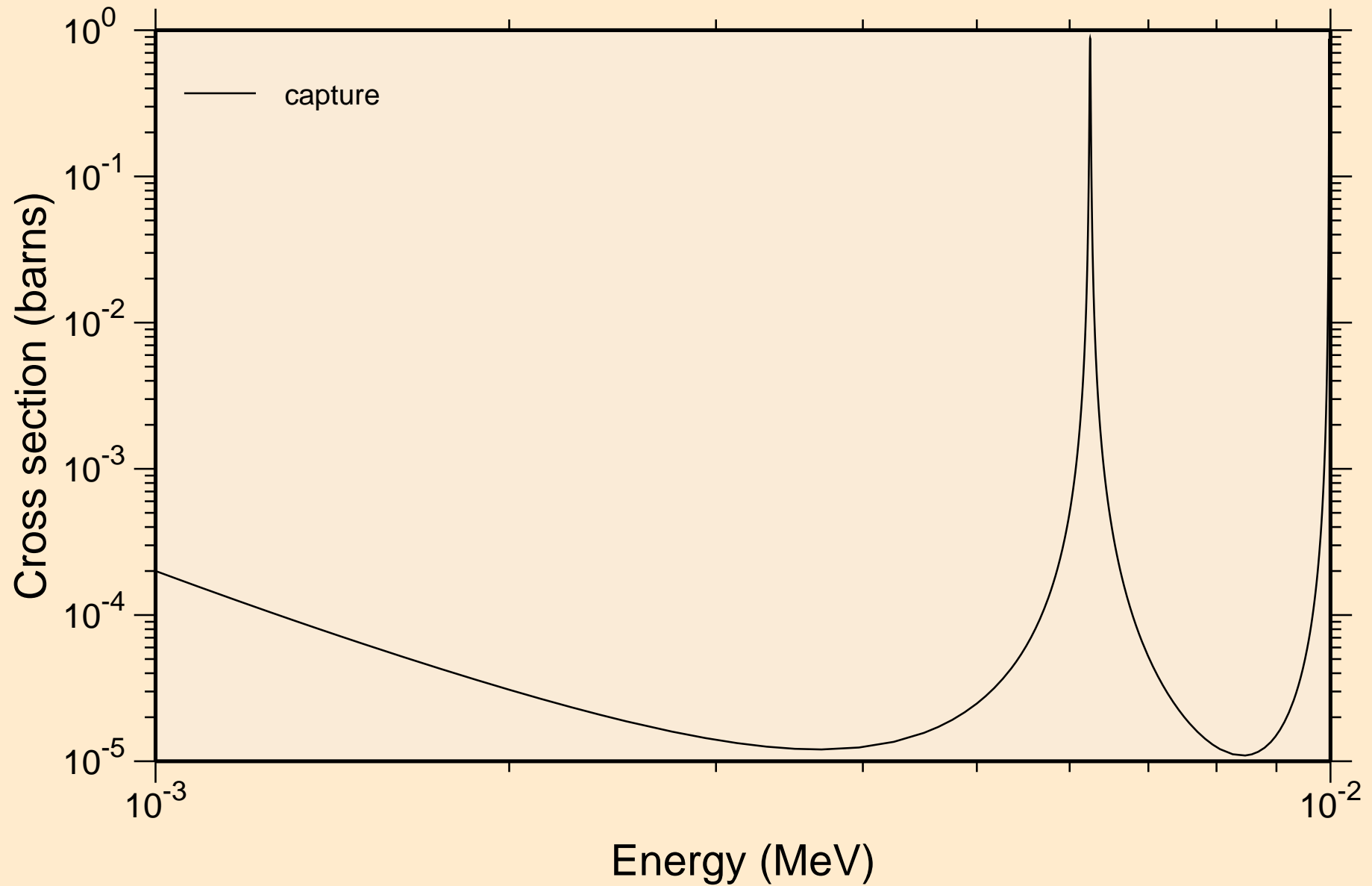




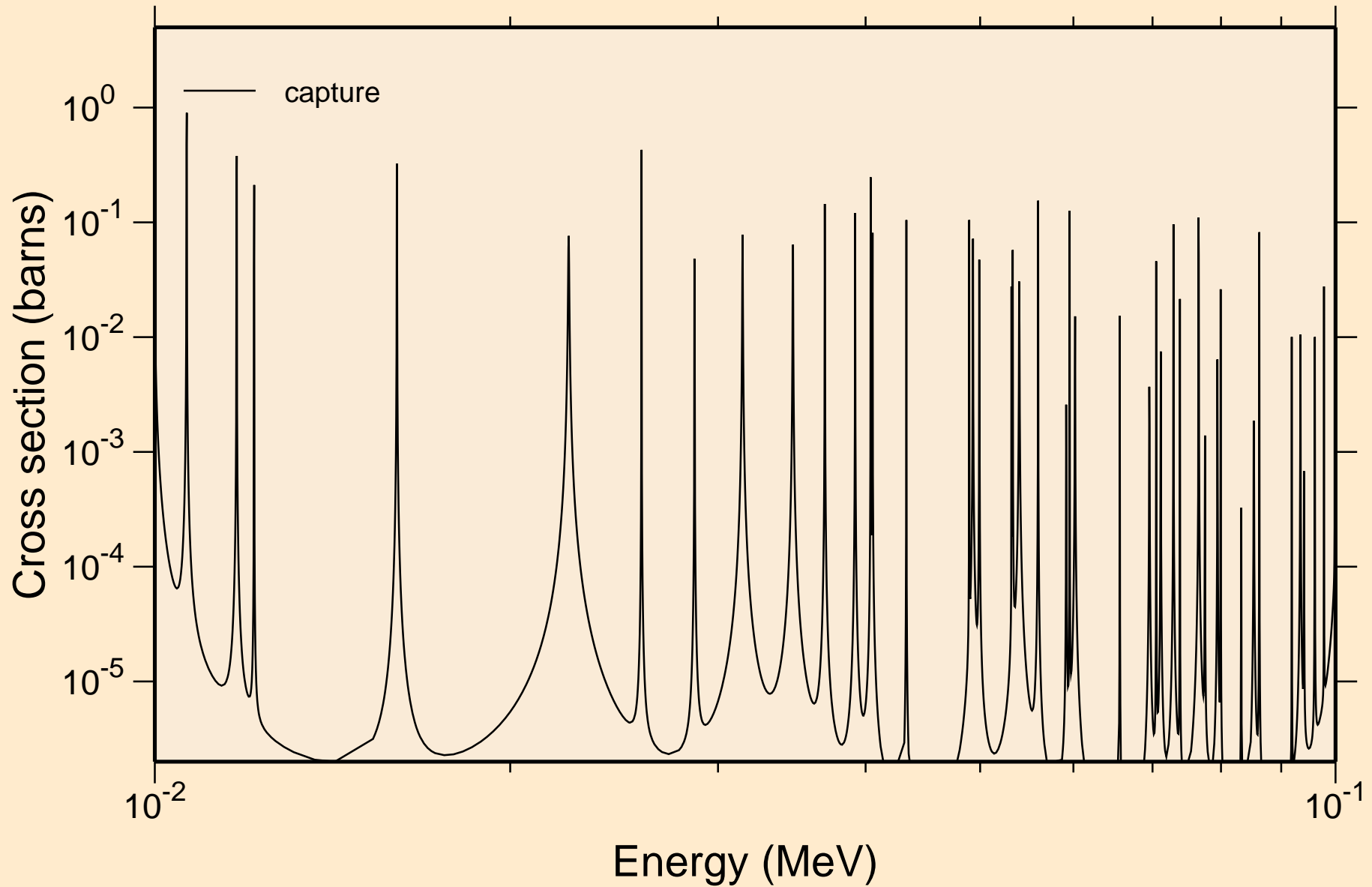
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



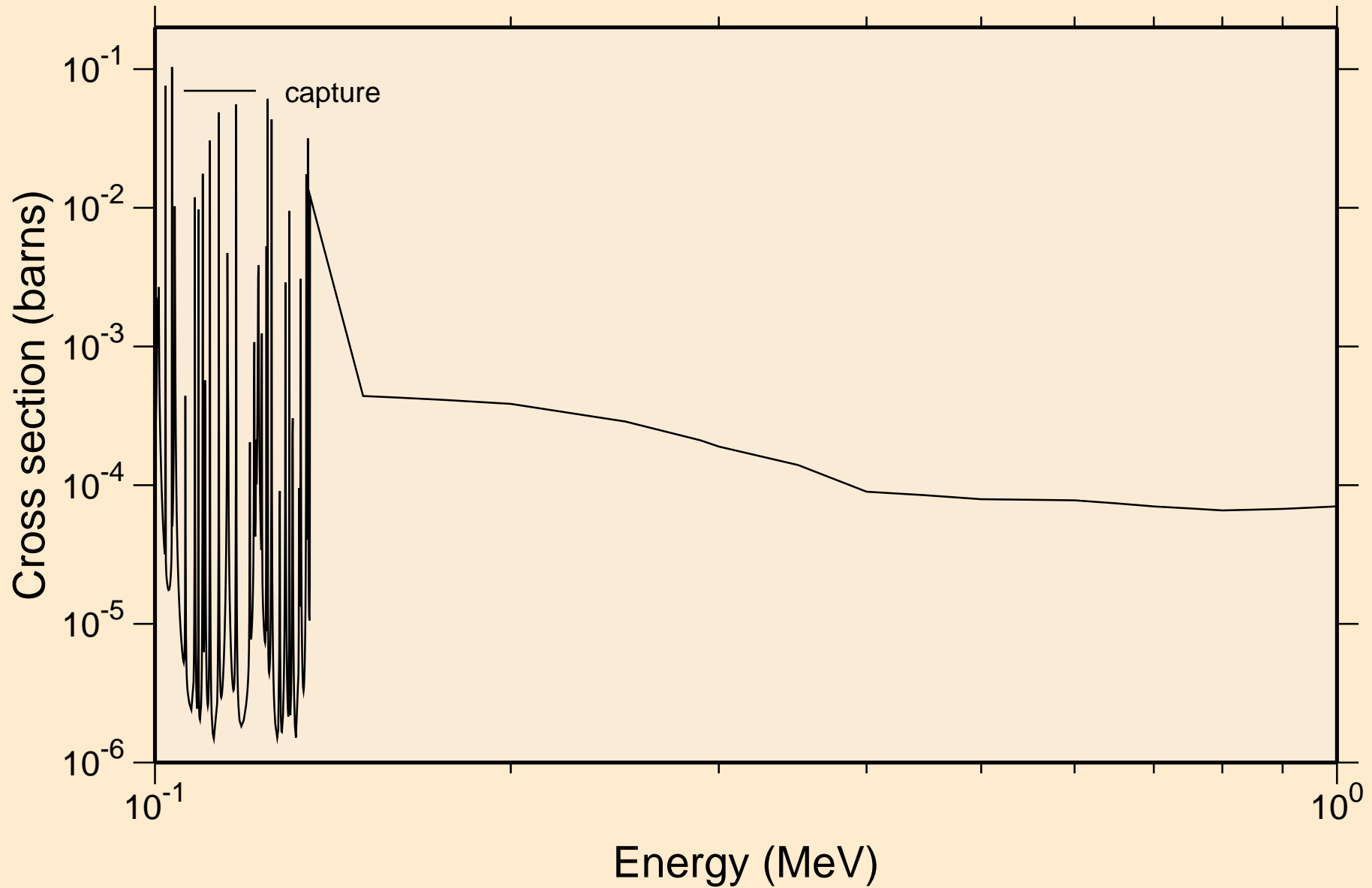
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



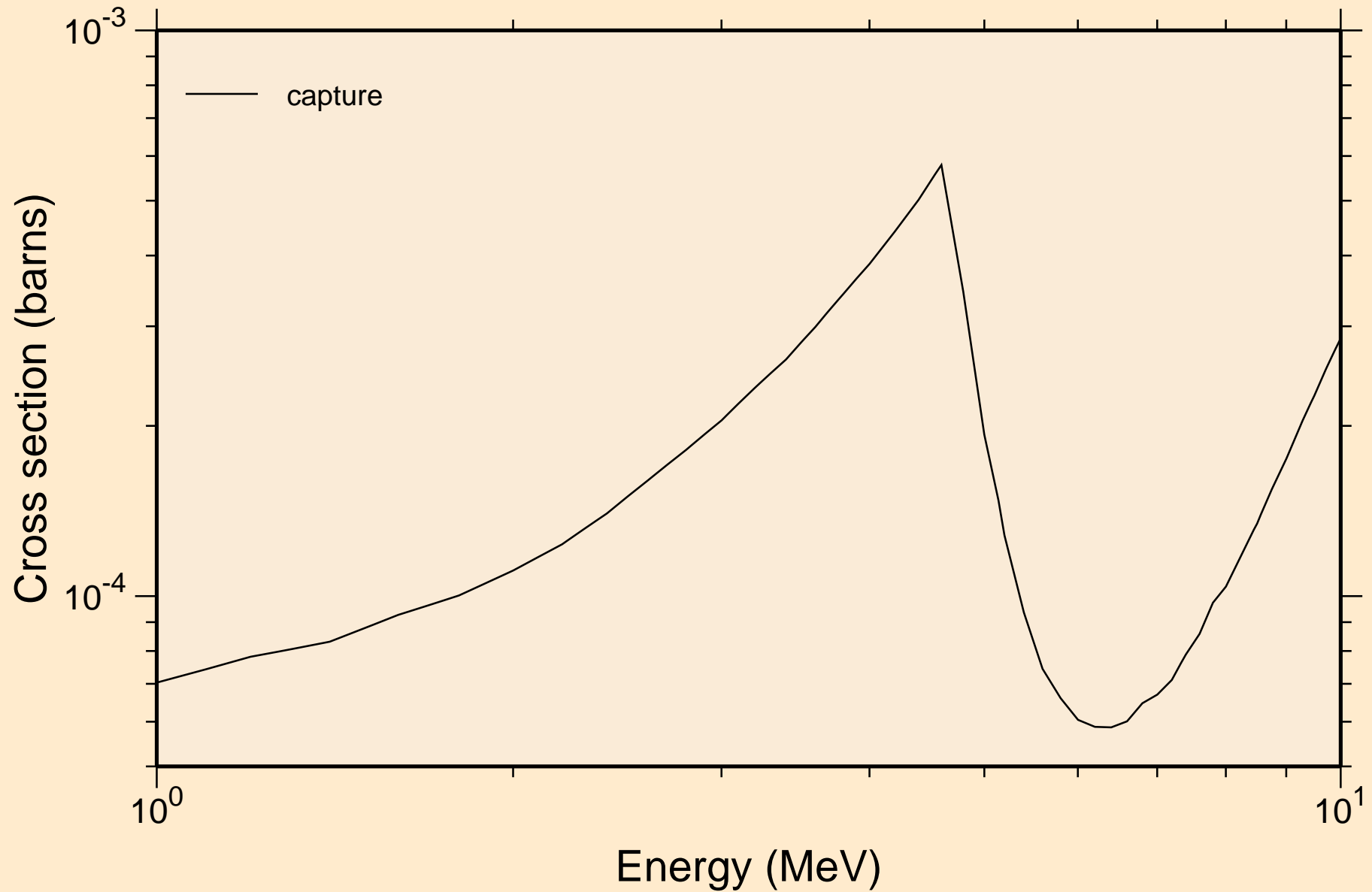
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



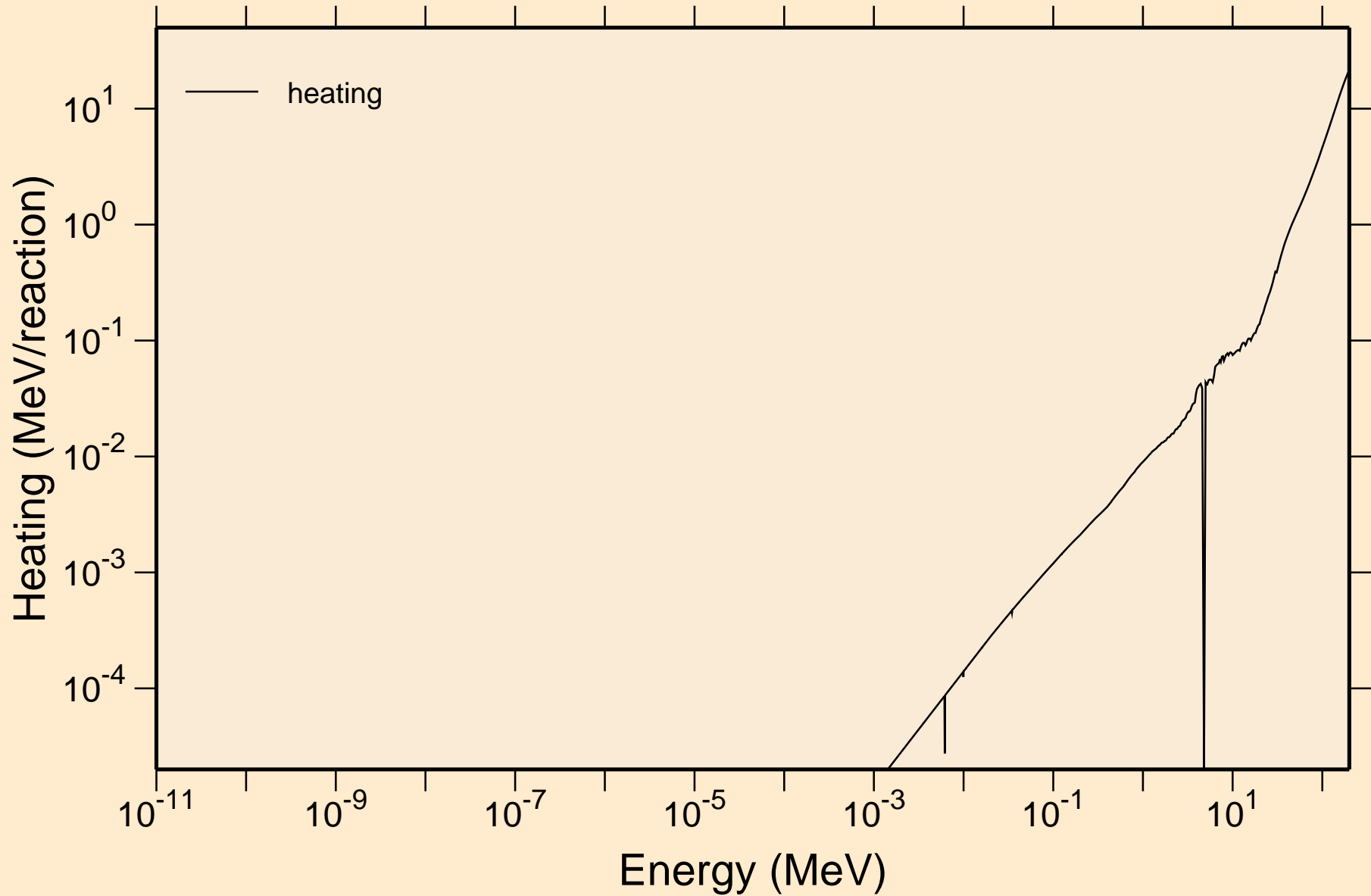
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



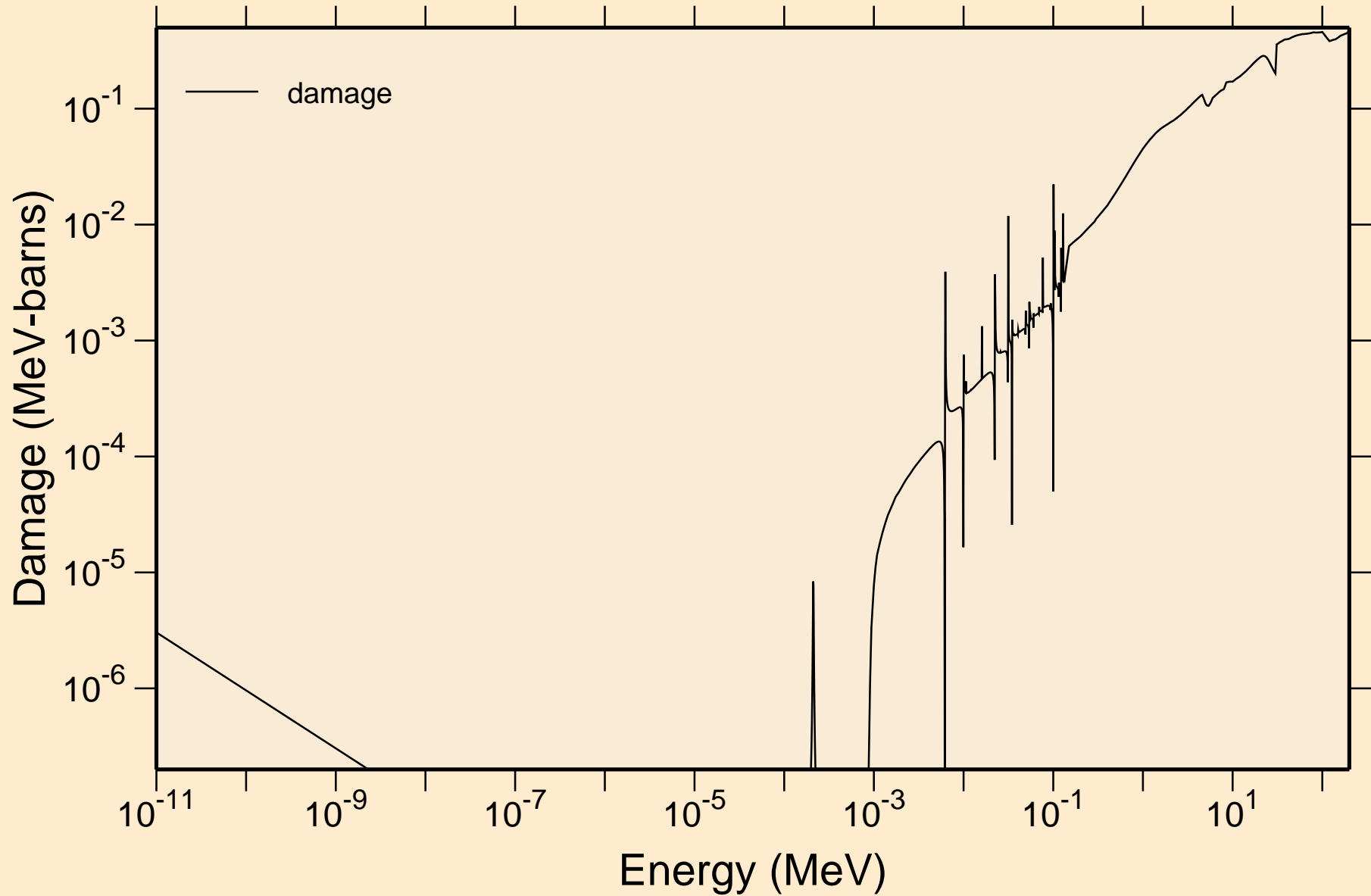
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



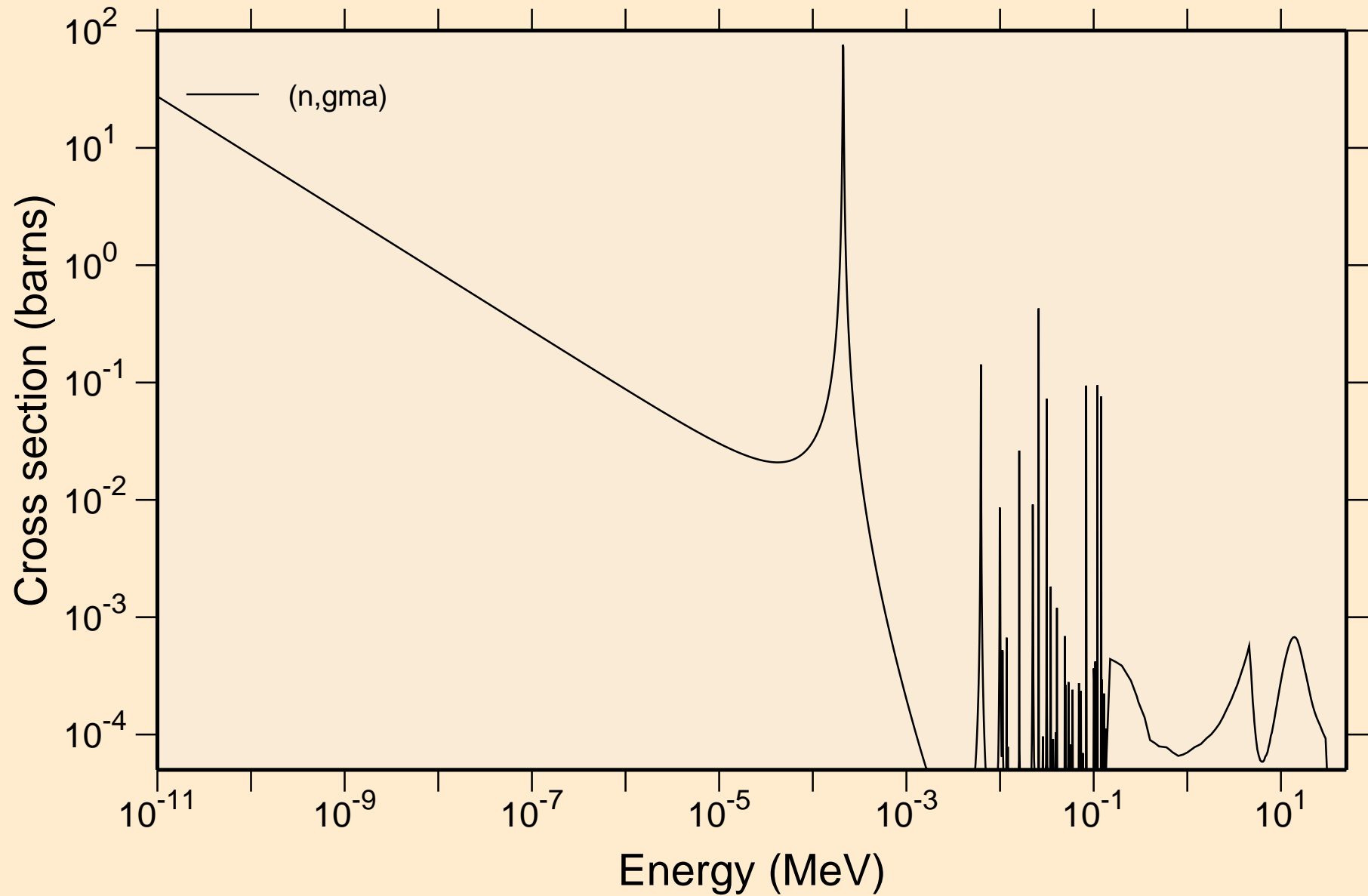
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

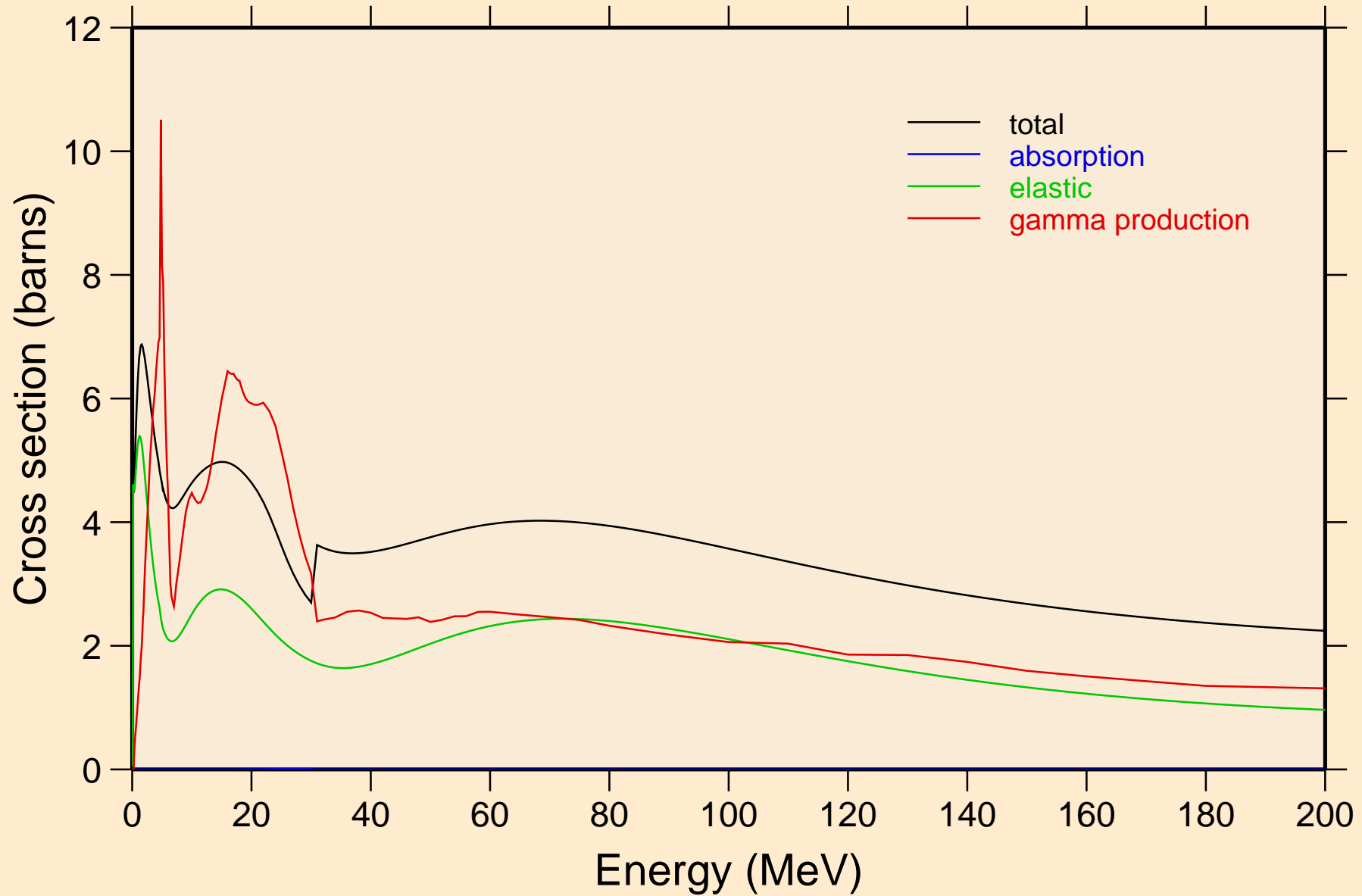


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



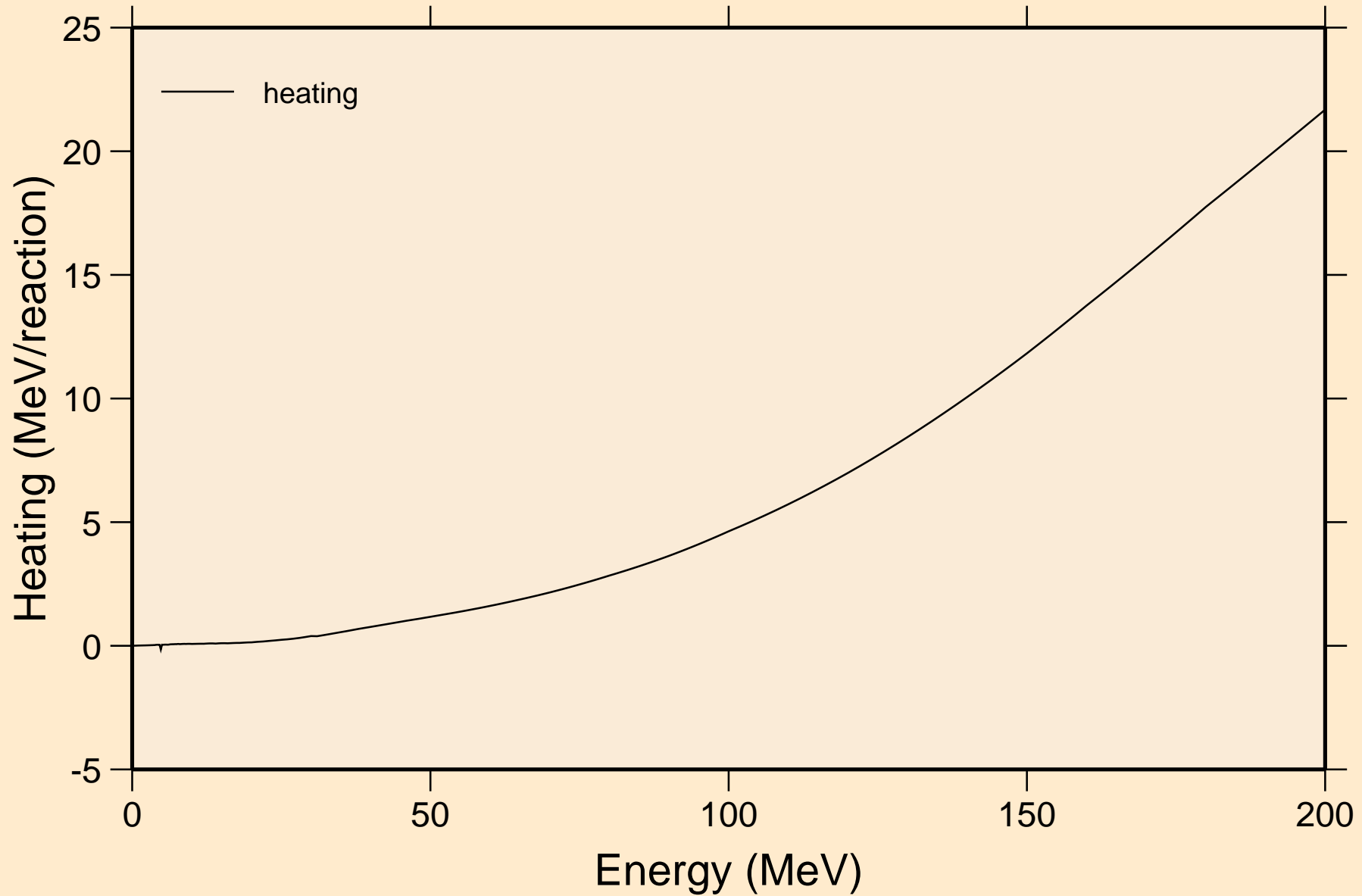


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

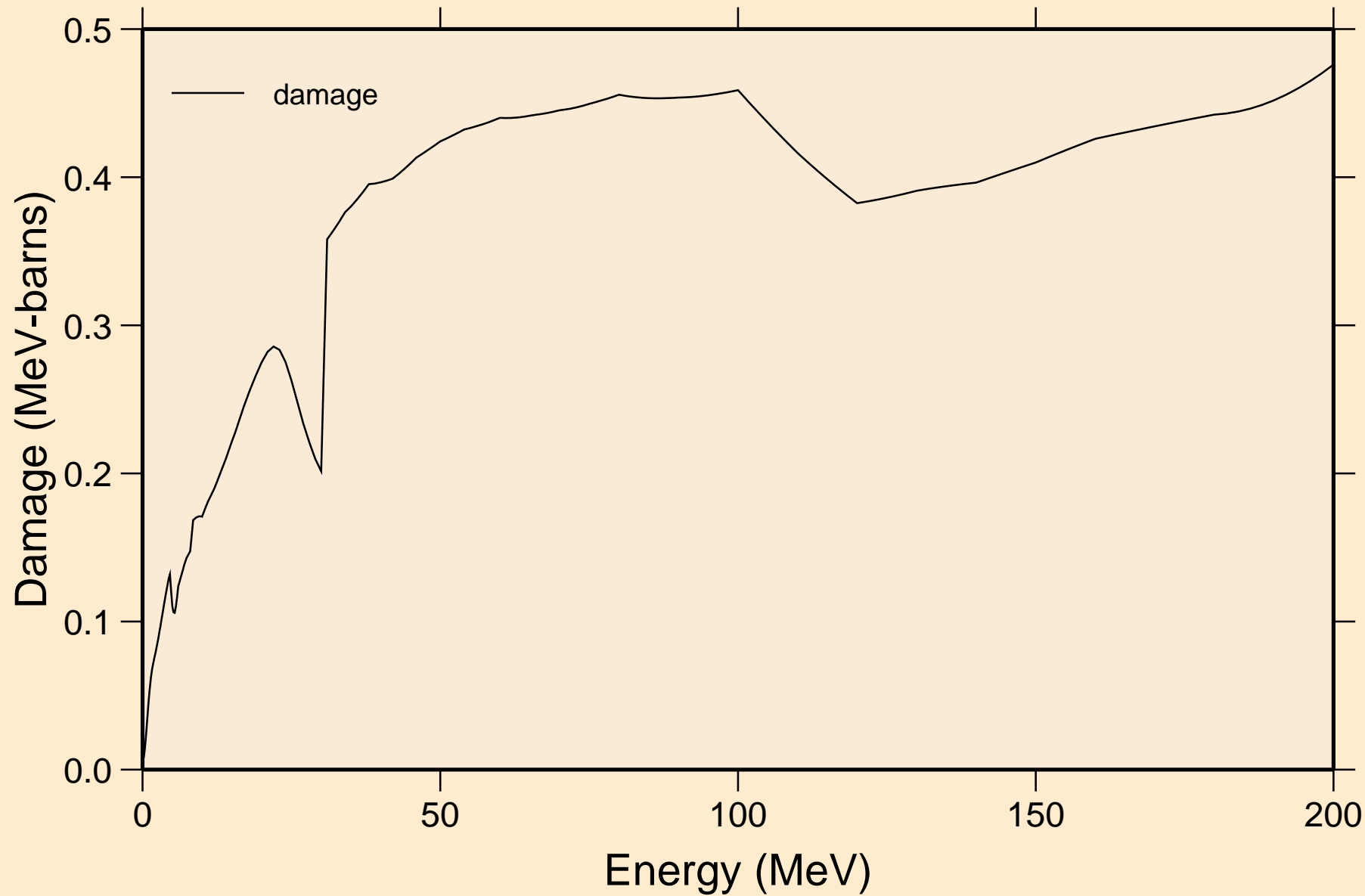


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

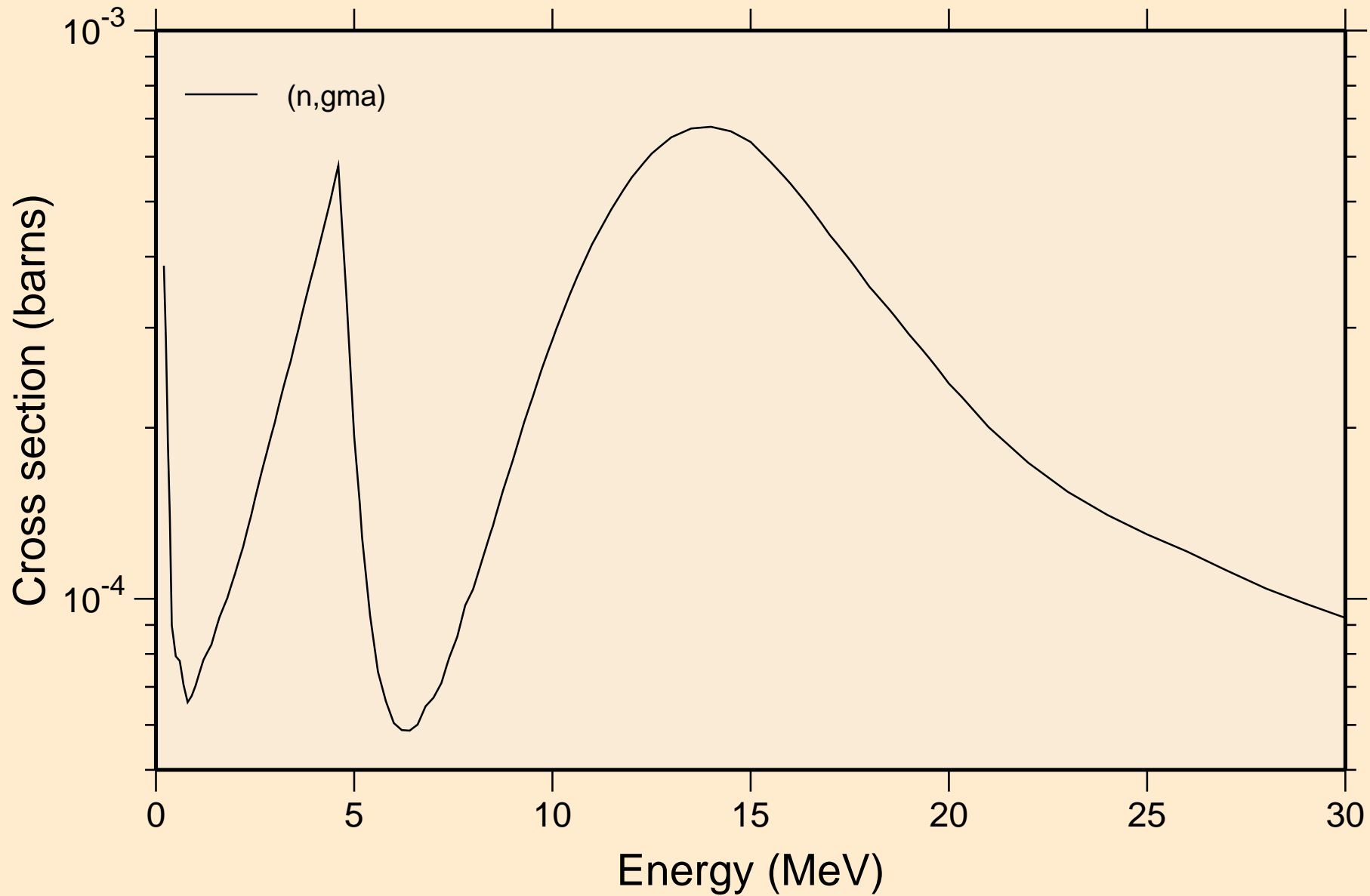
Heating



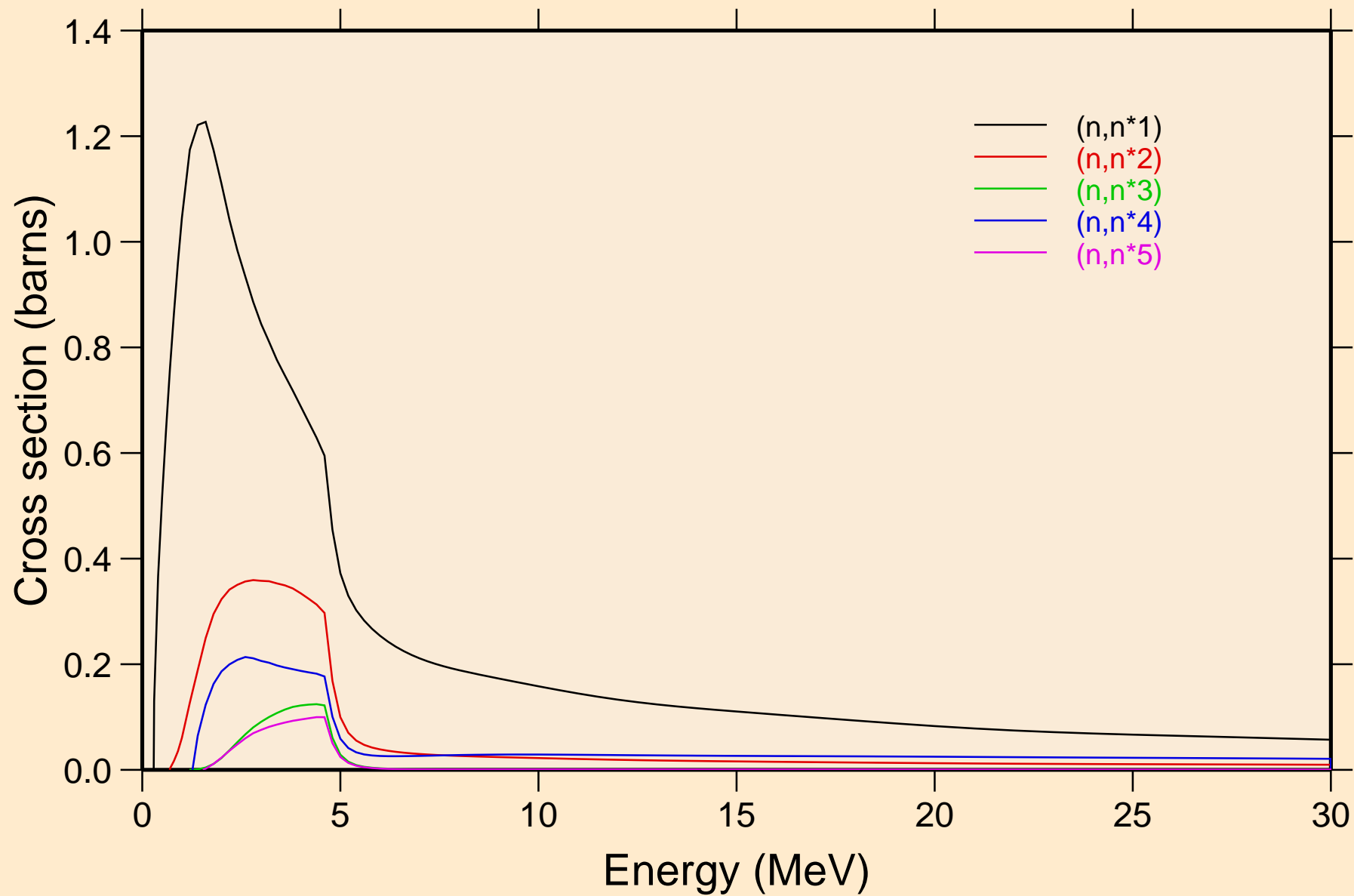
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



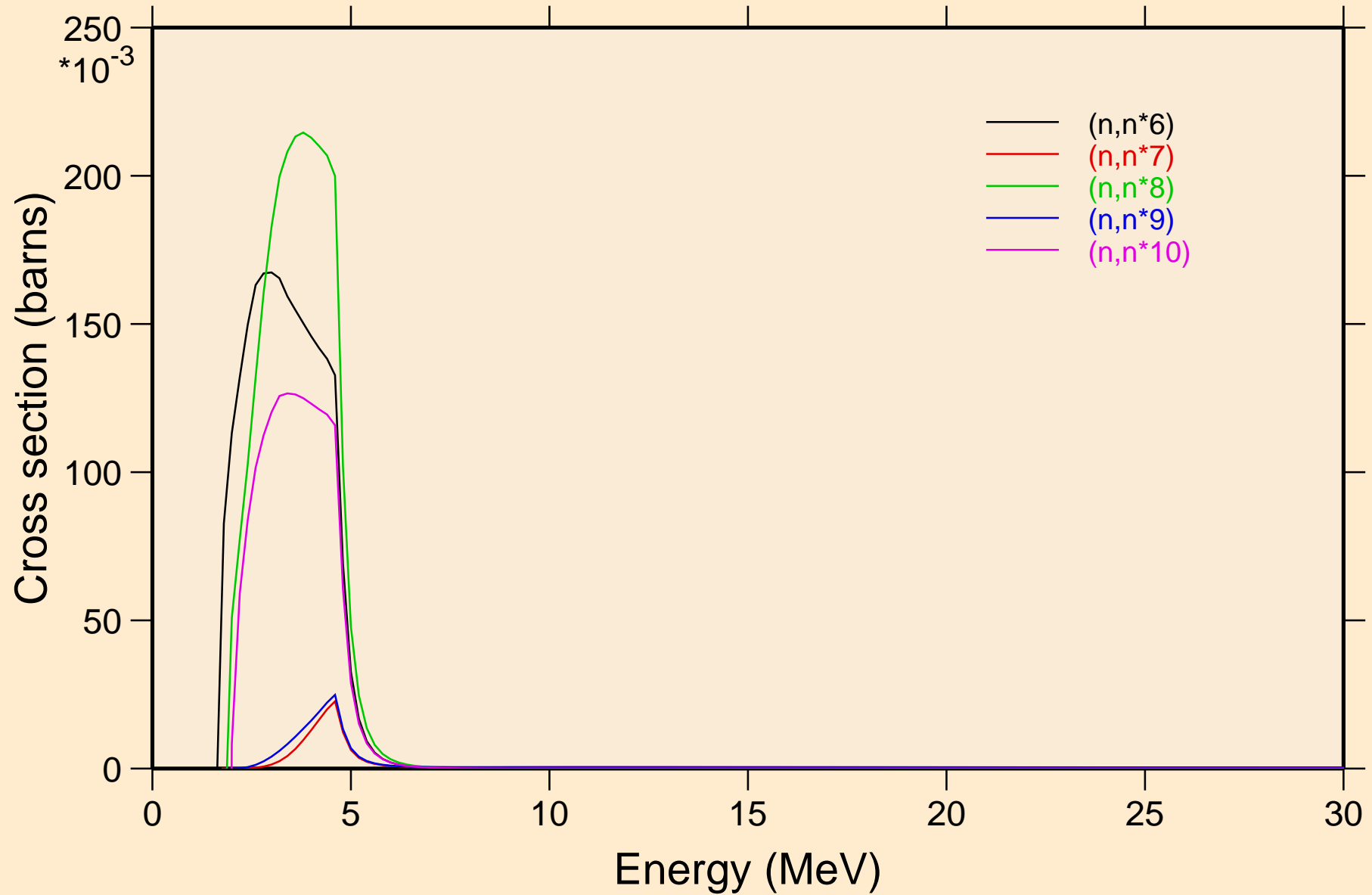
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



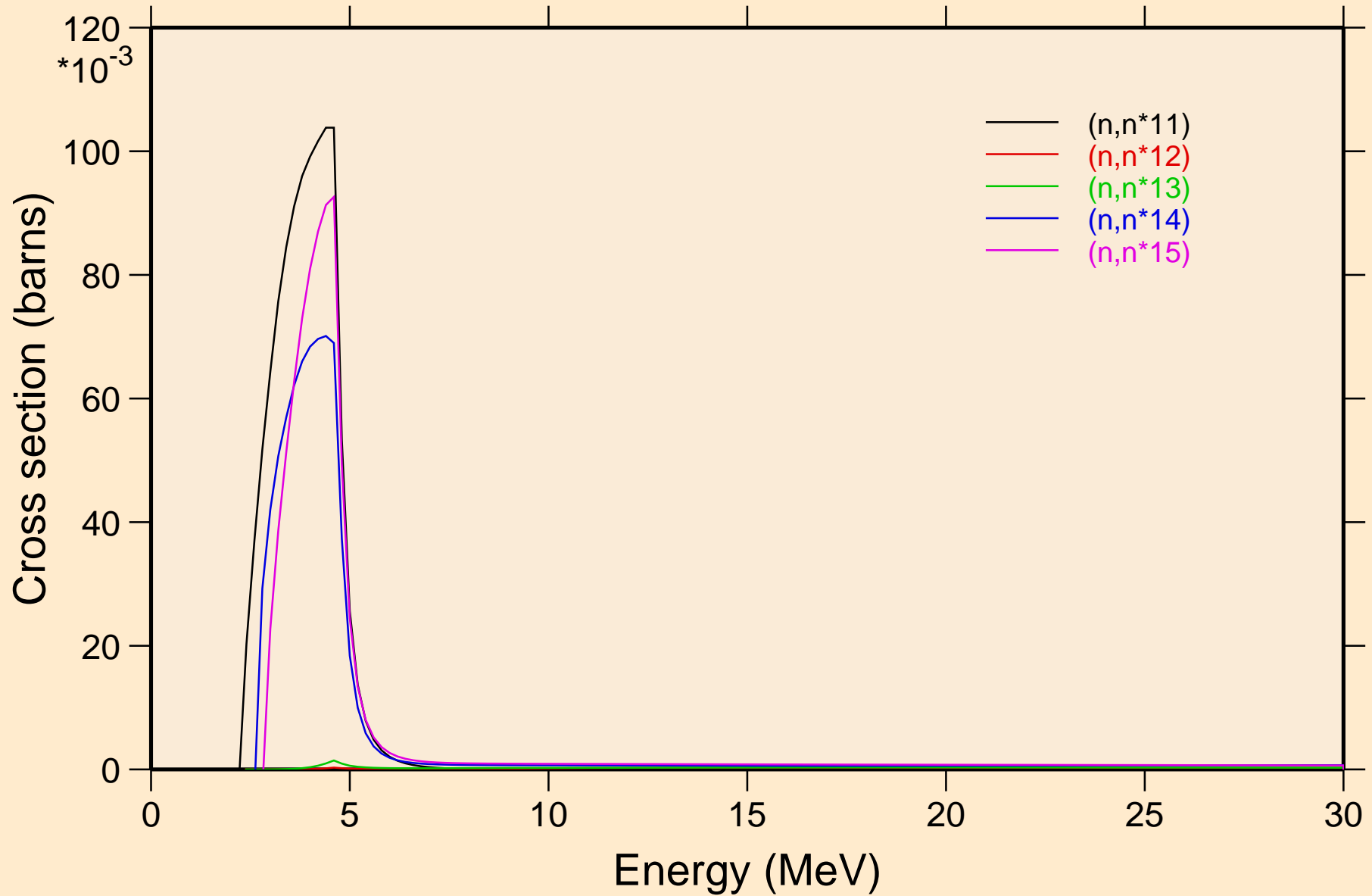
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



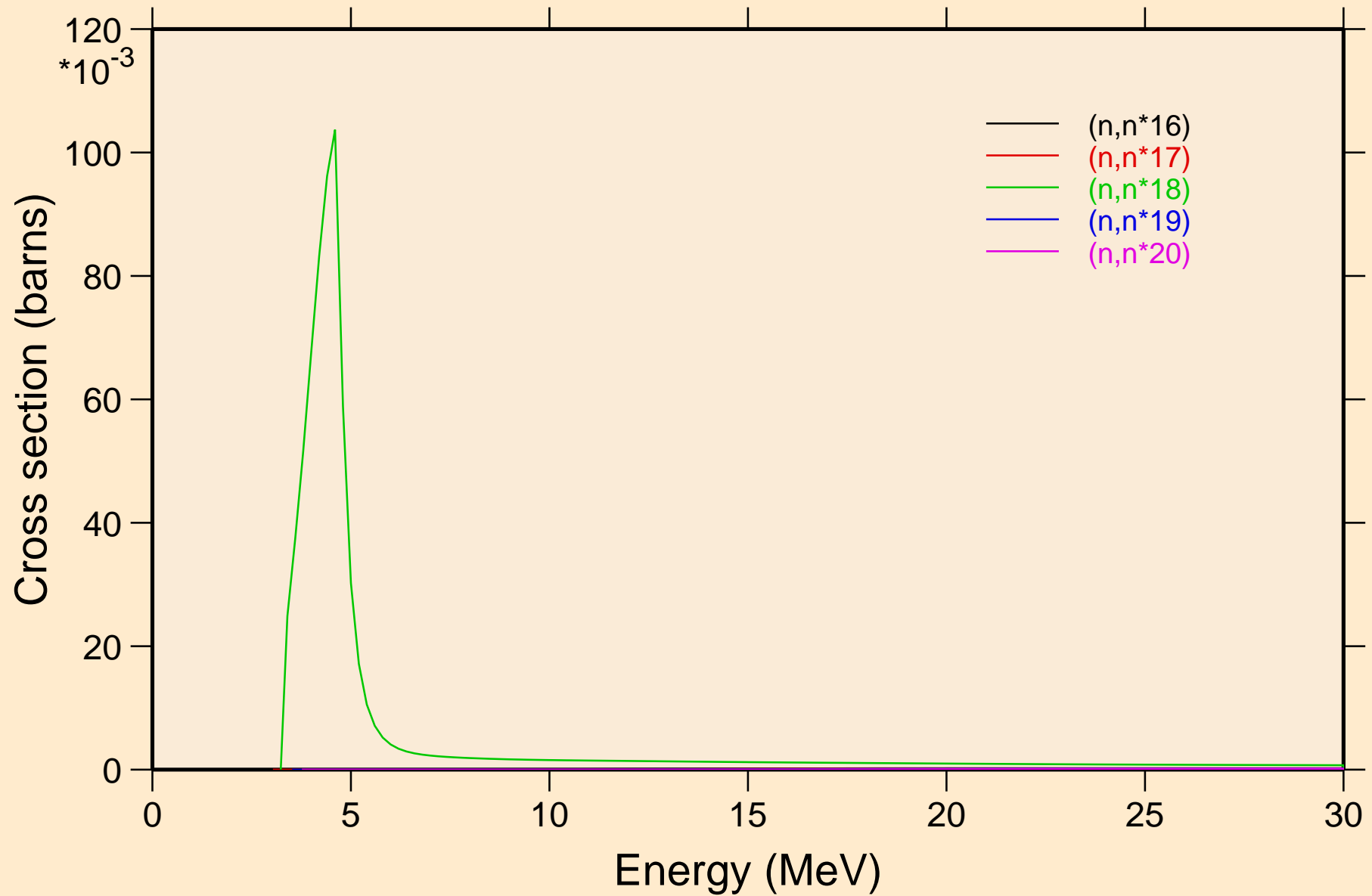
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

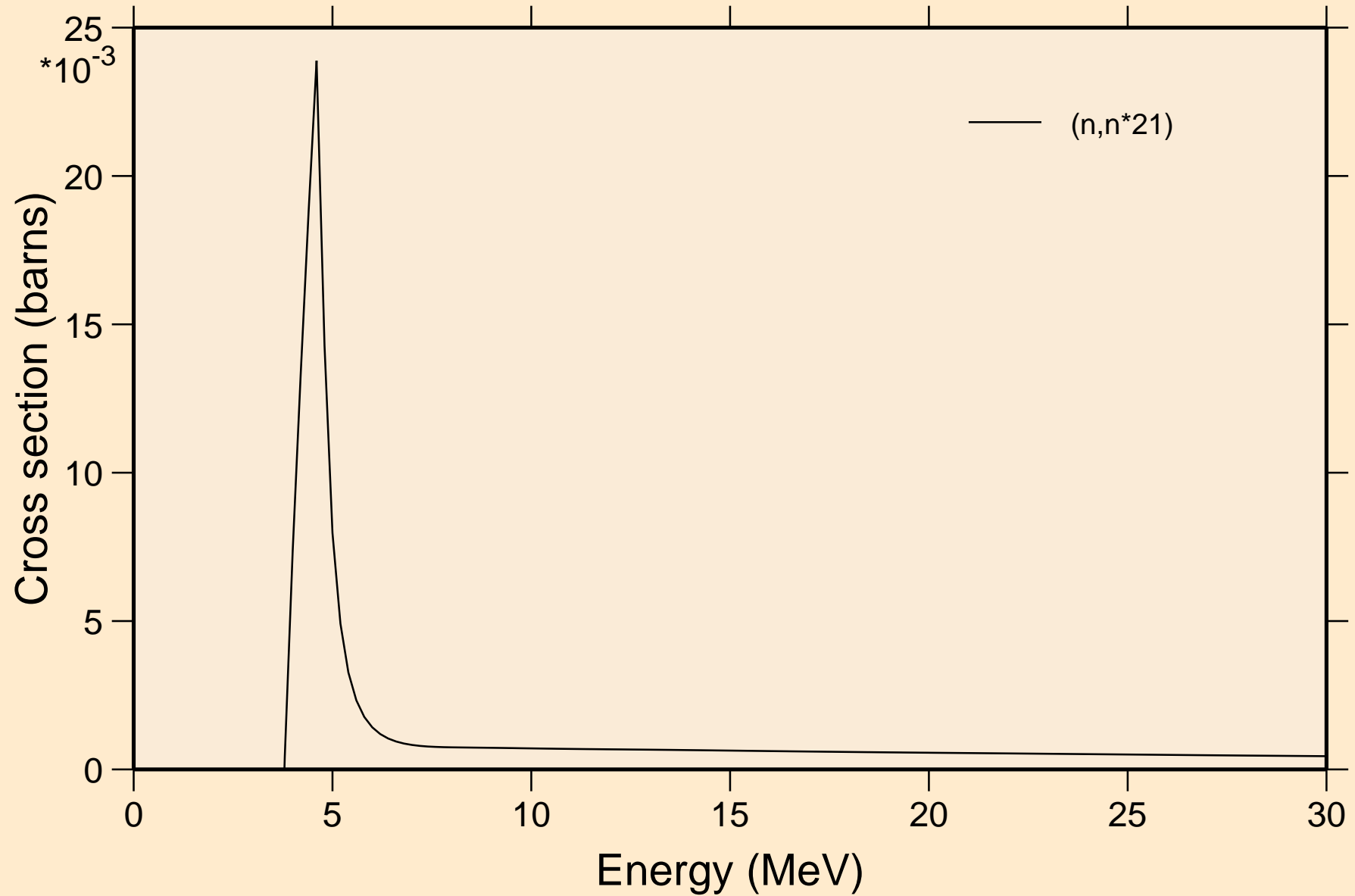


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

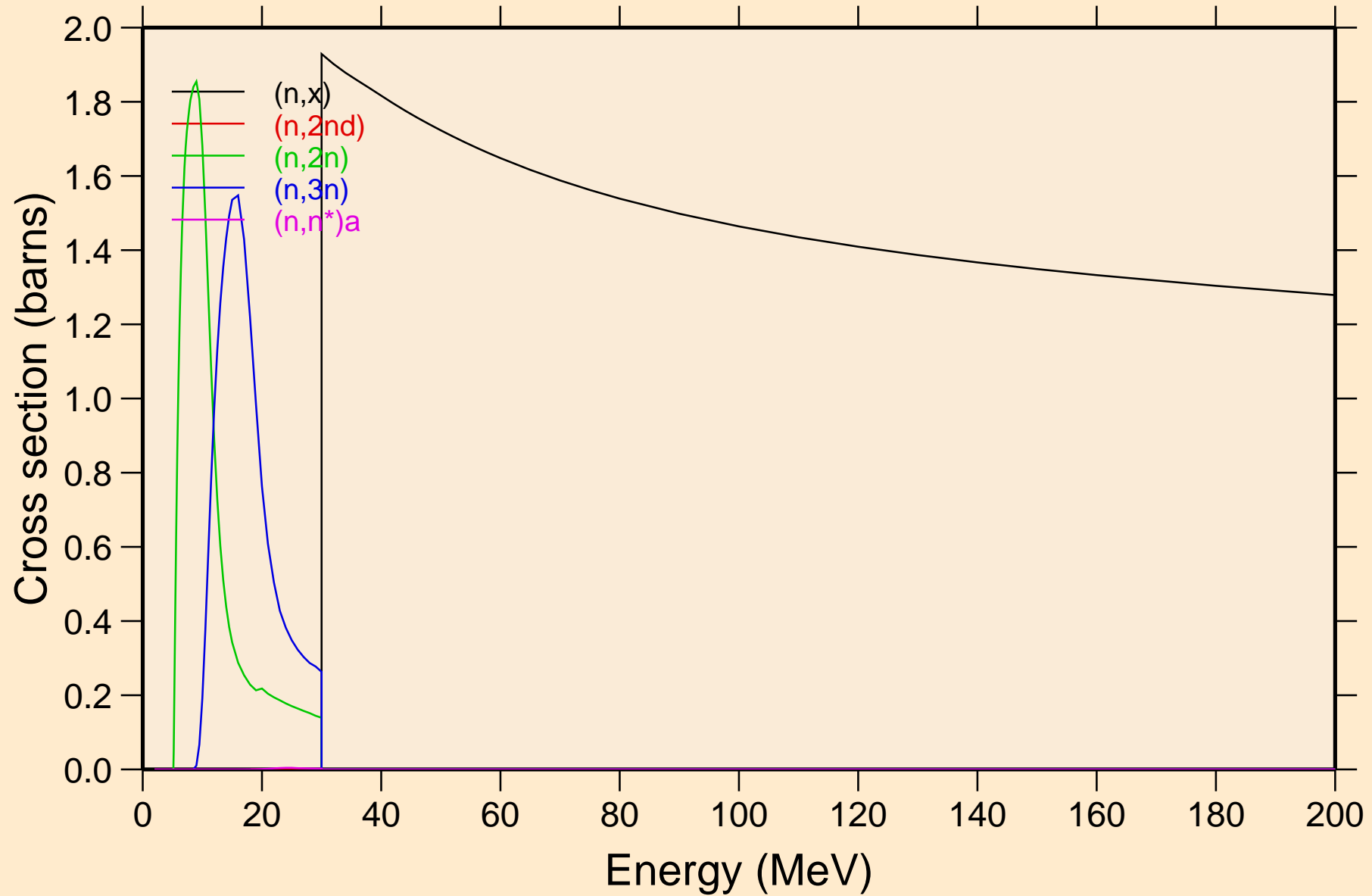




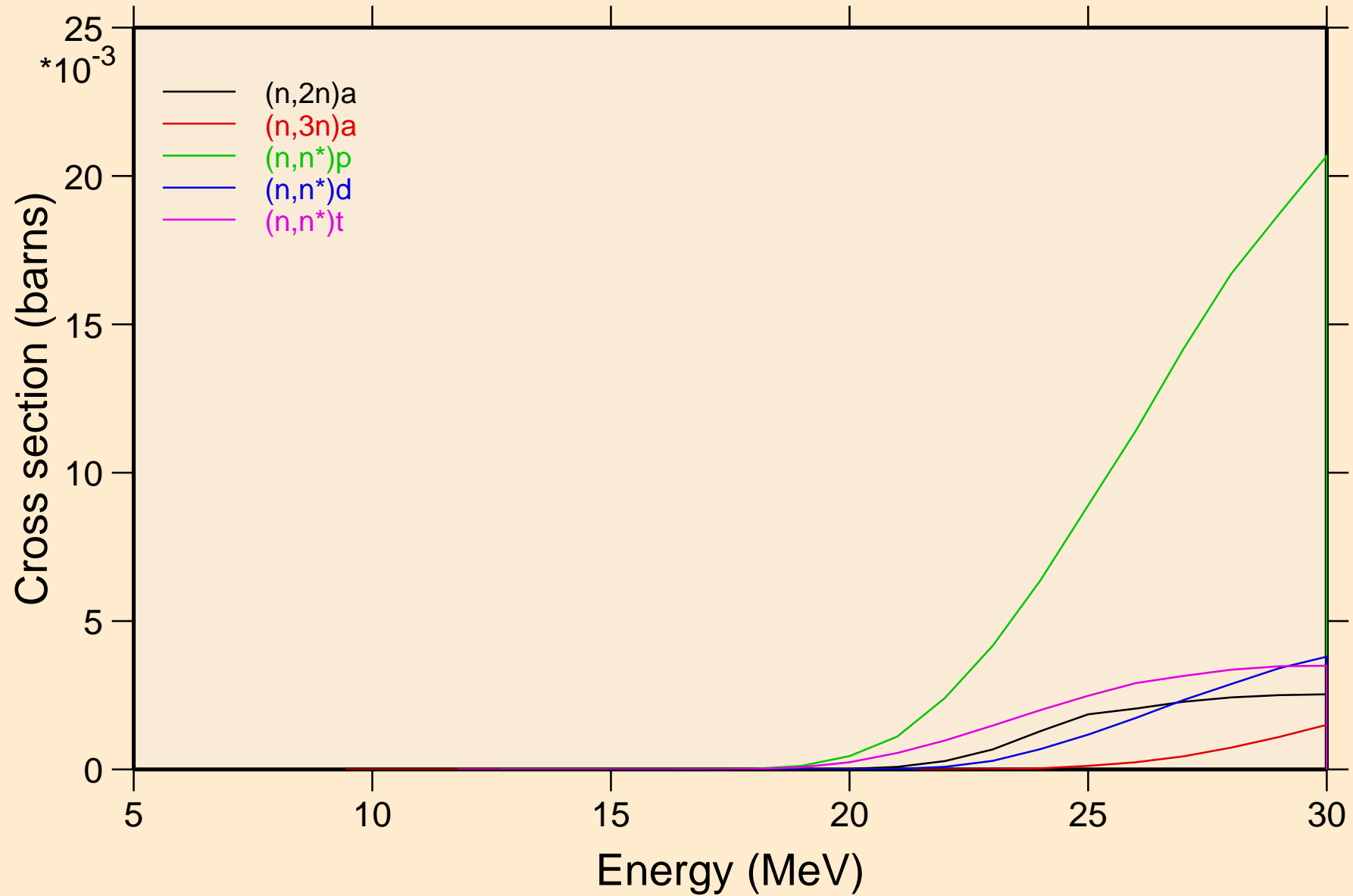
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



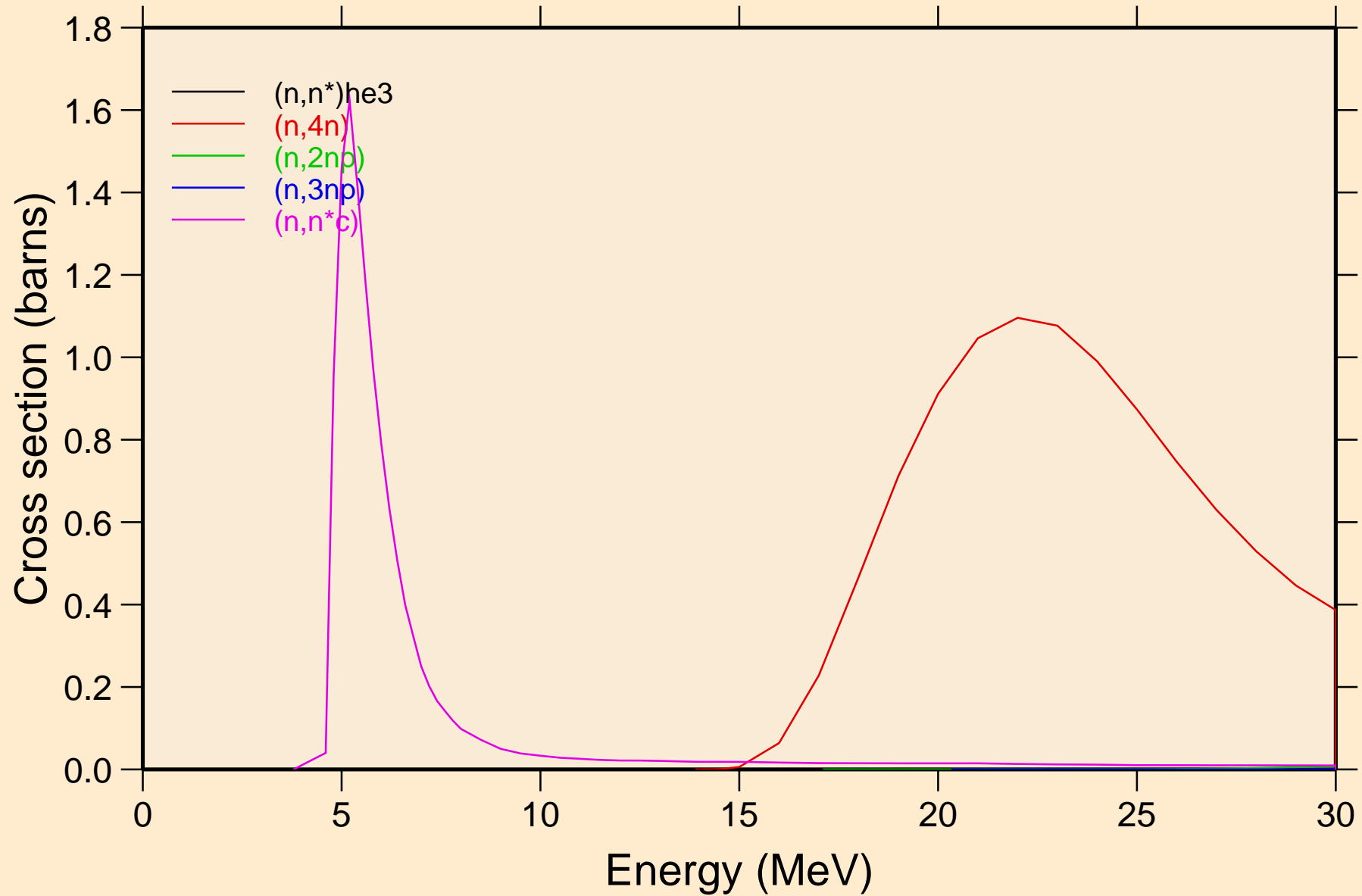
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



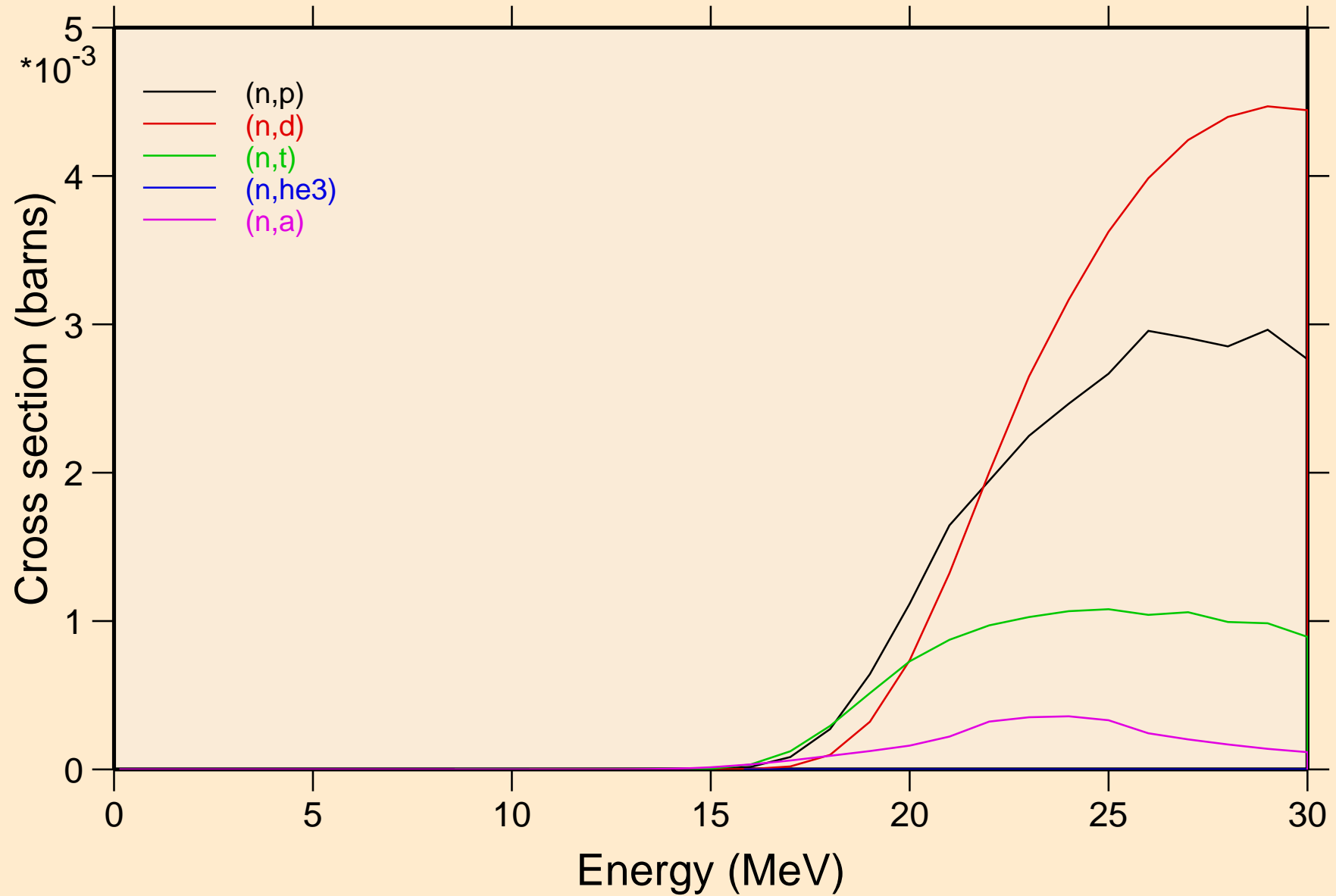
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



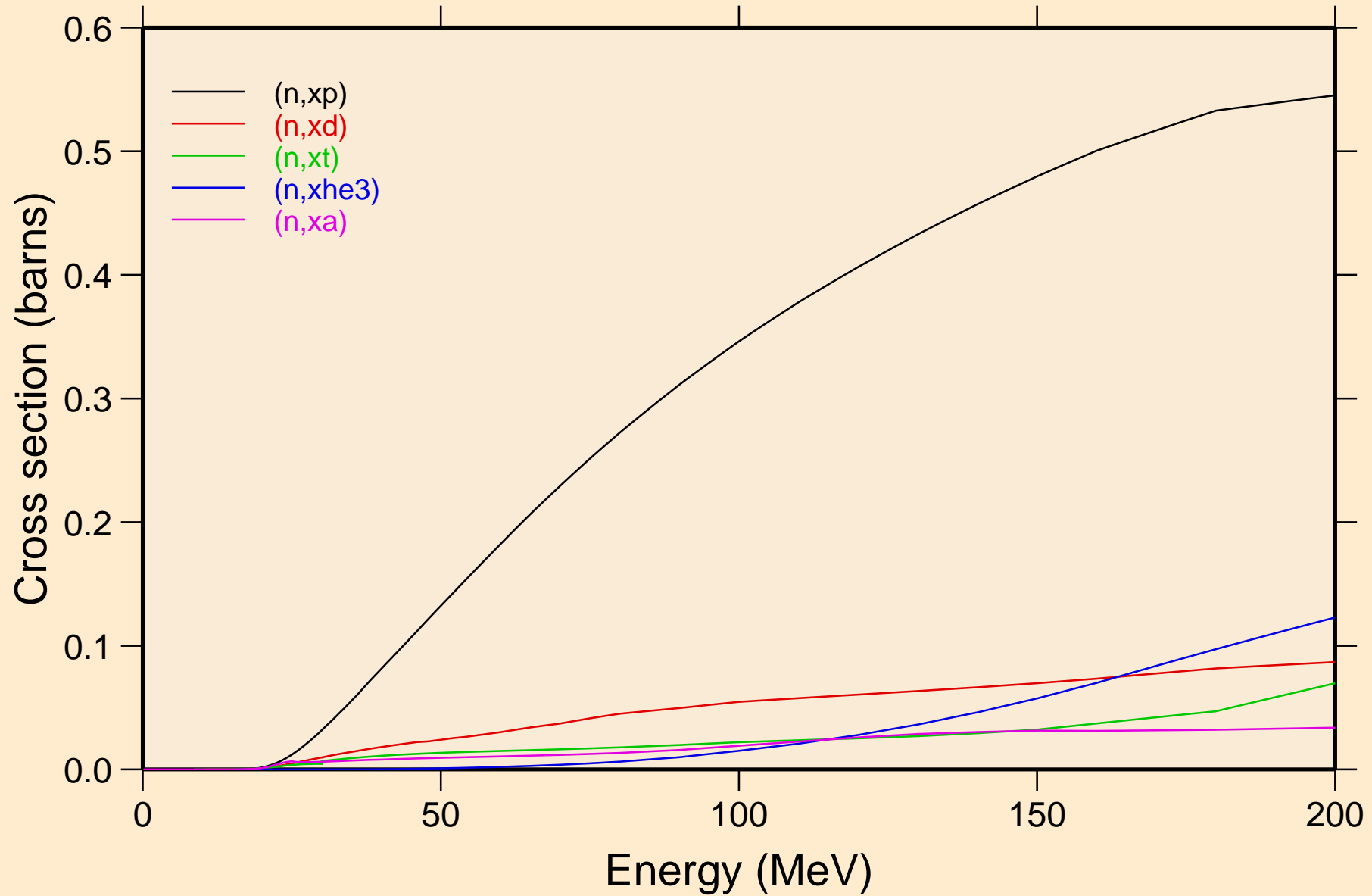
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



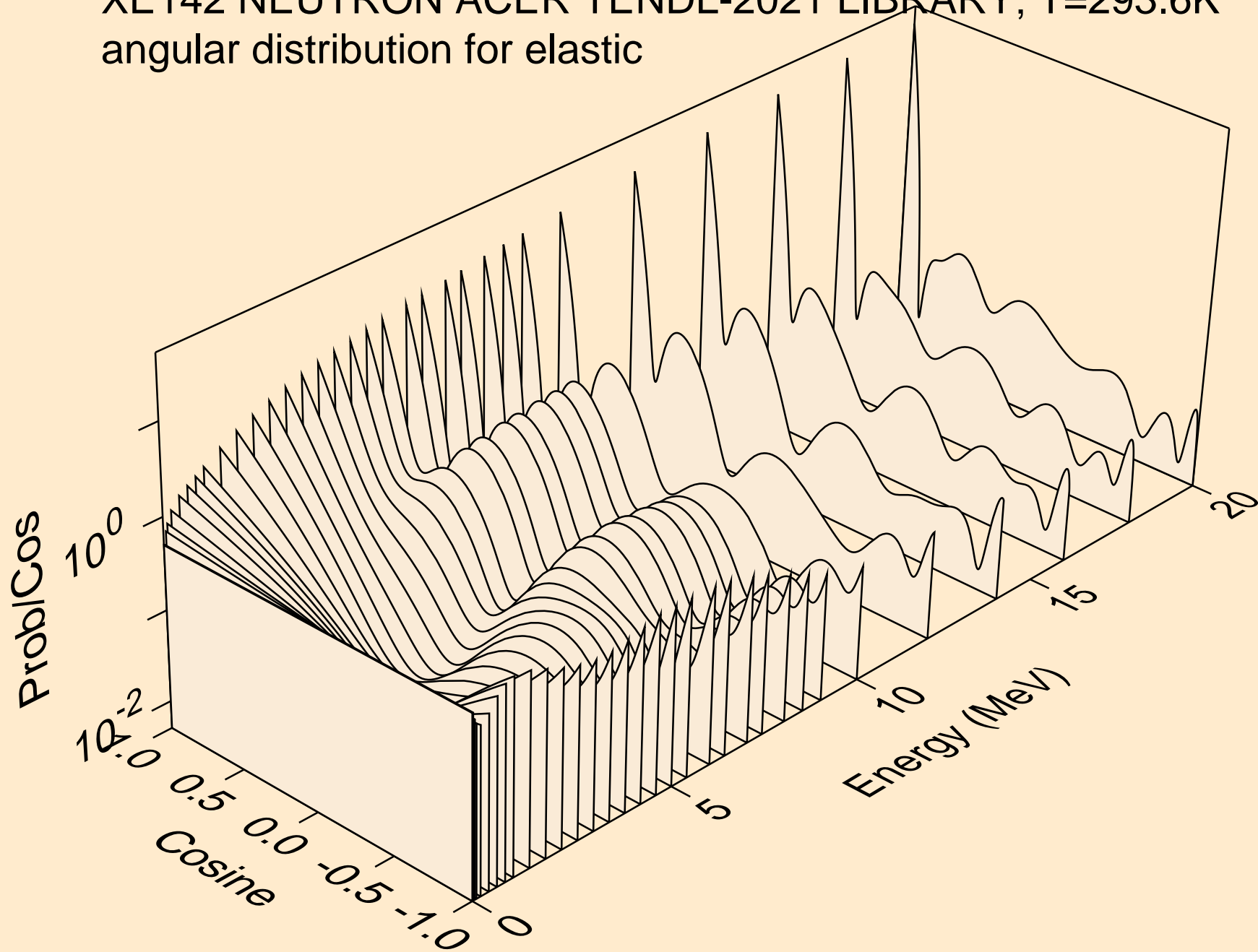
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



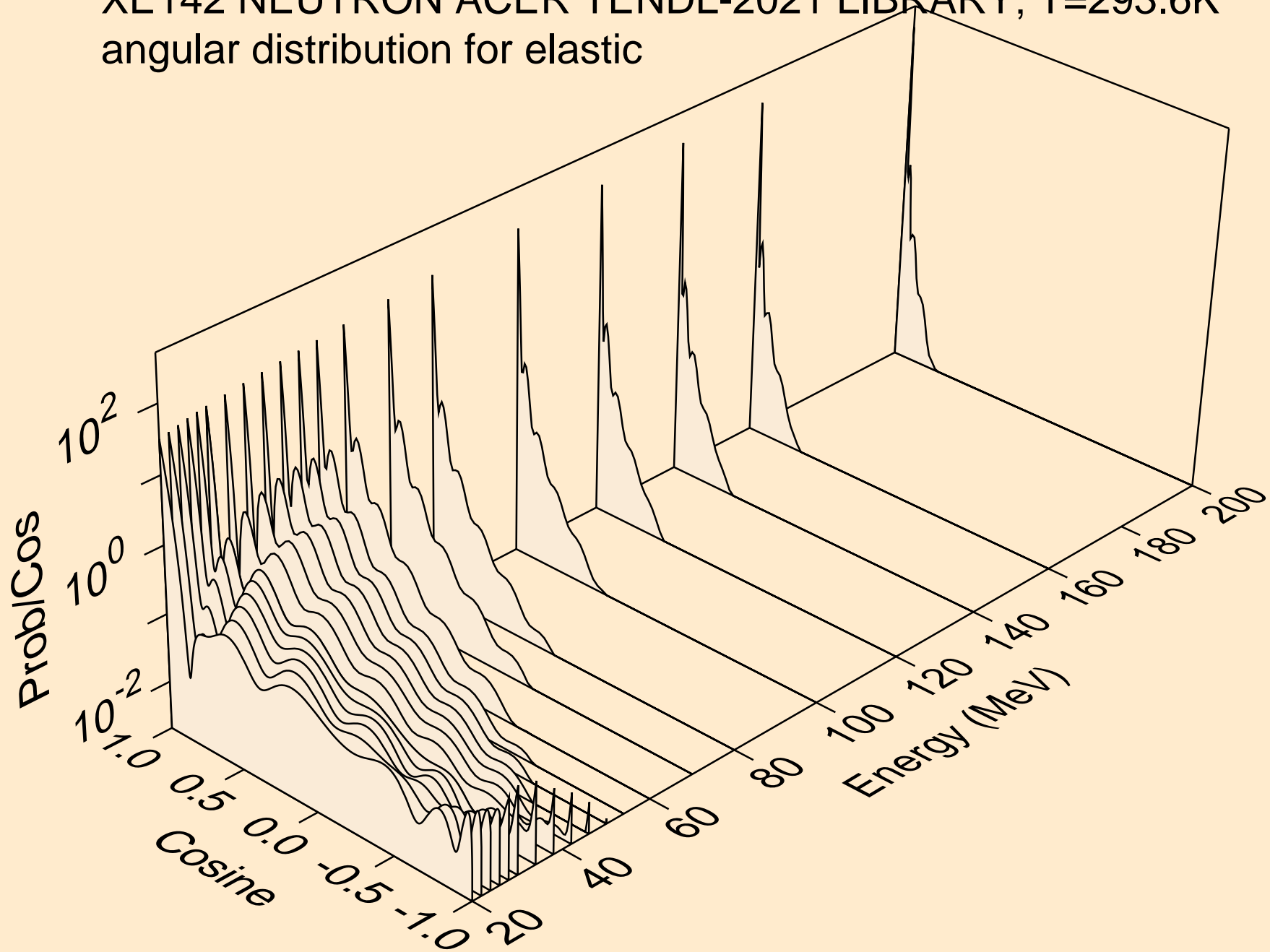
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

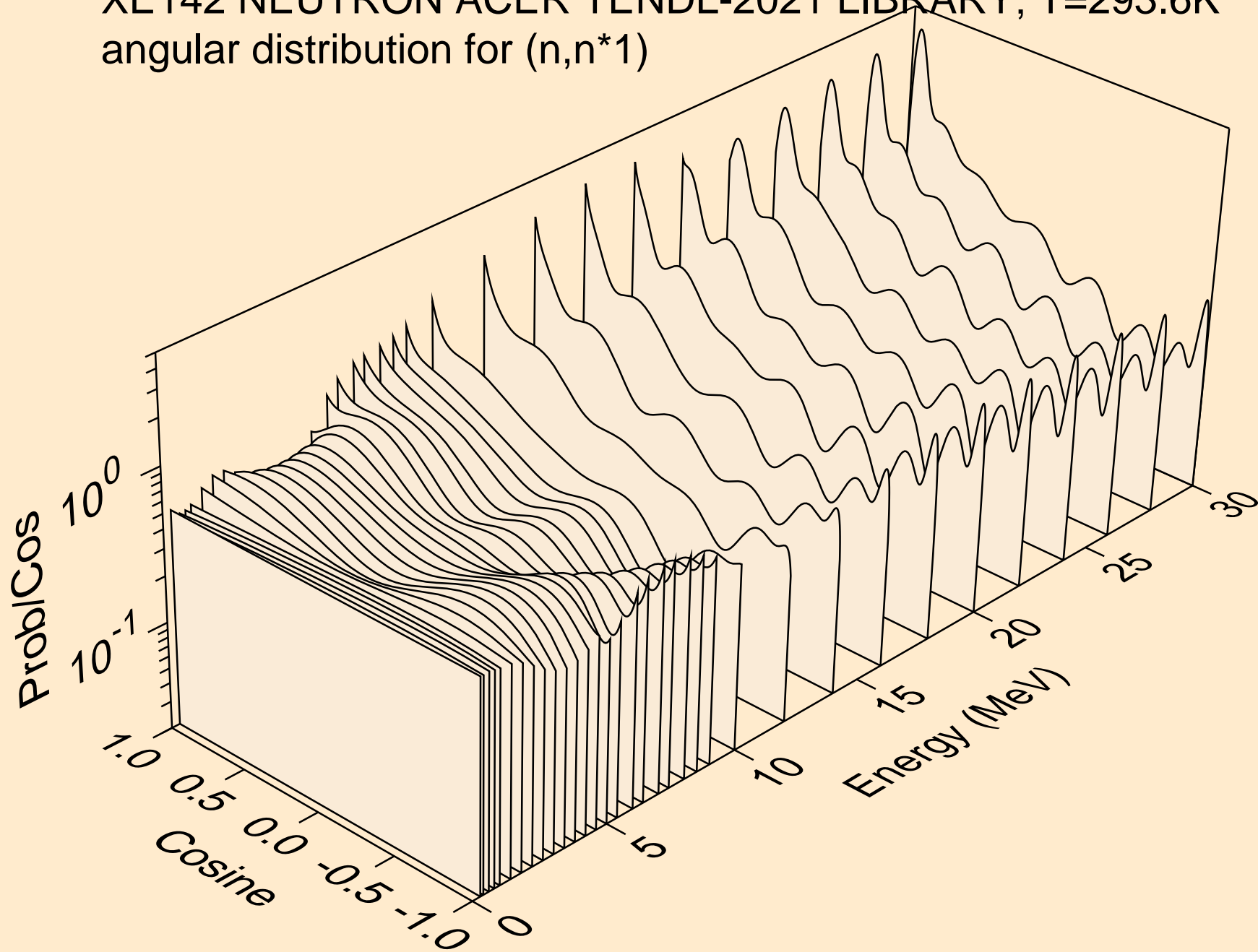


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

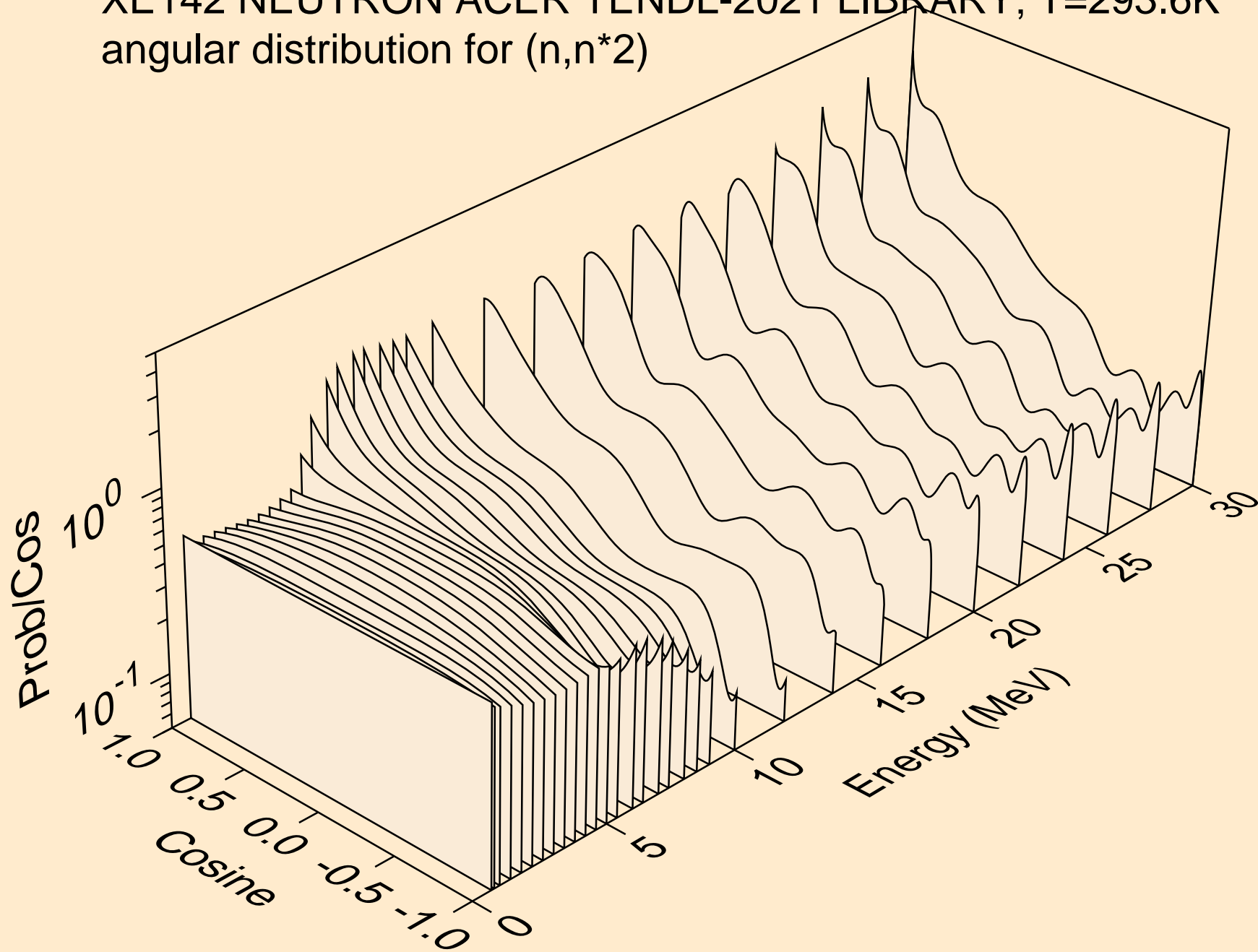




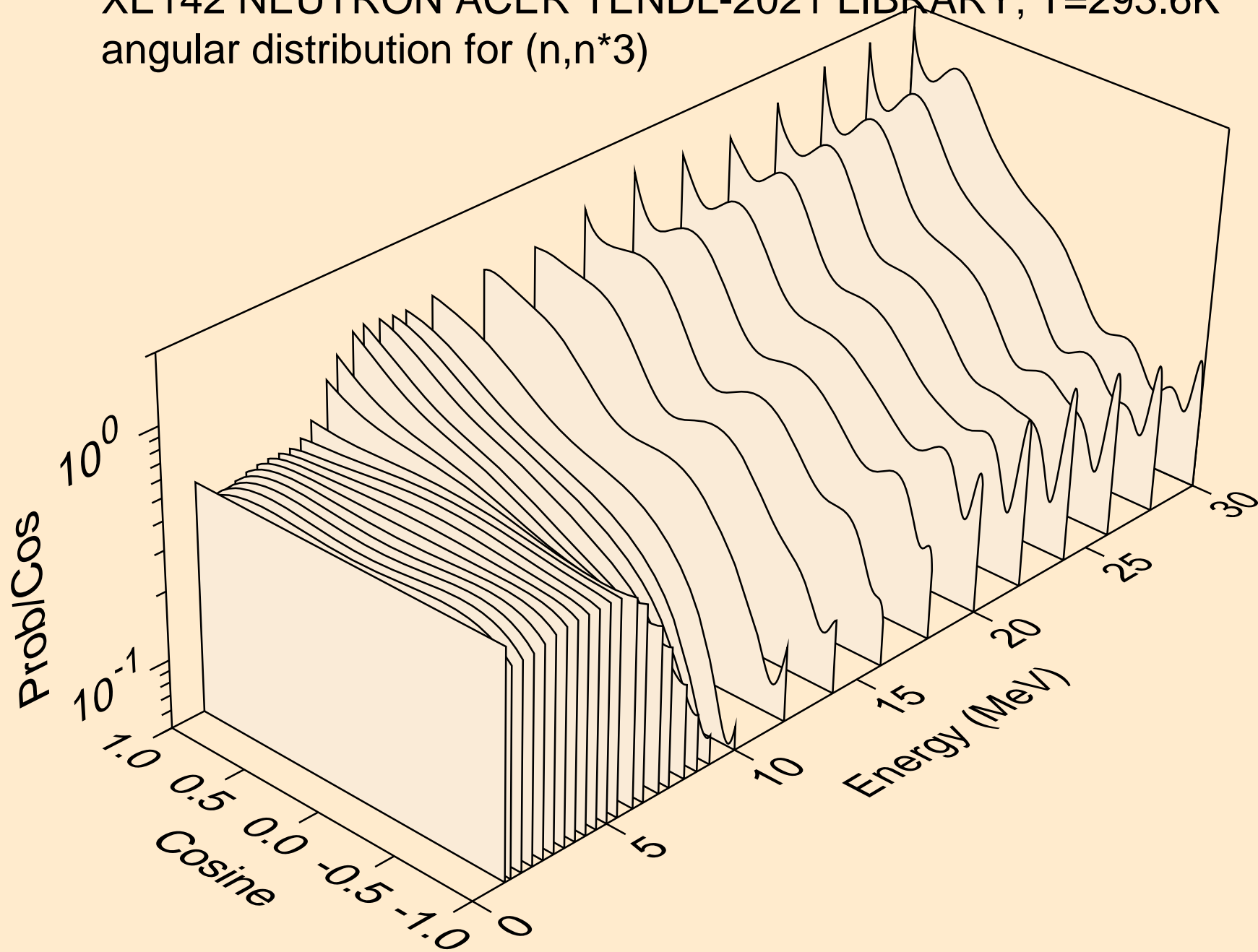
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



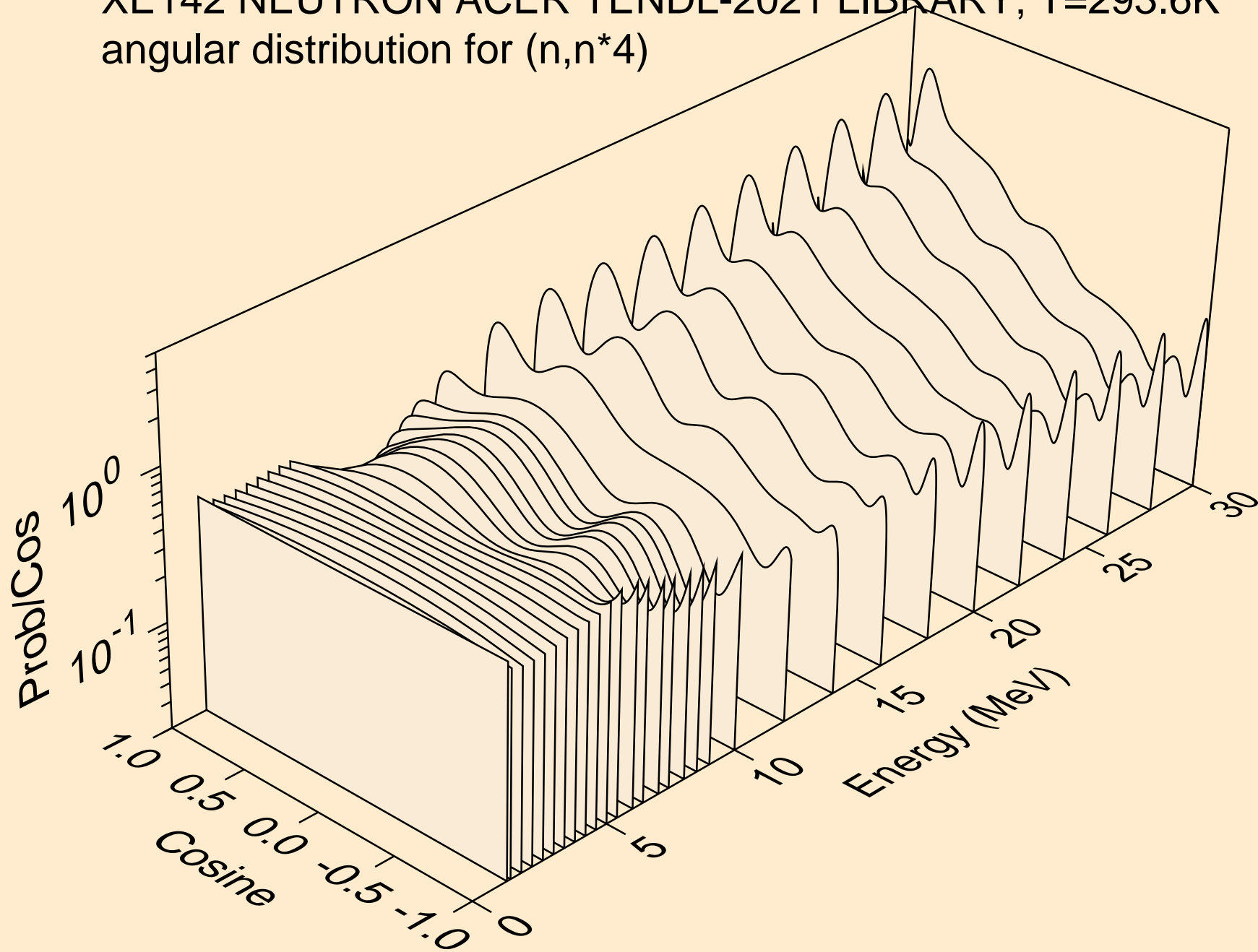
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



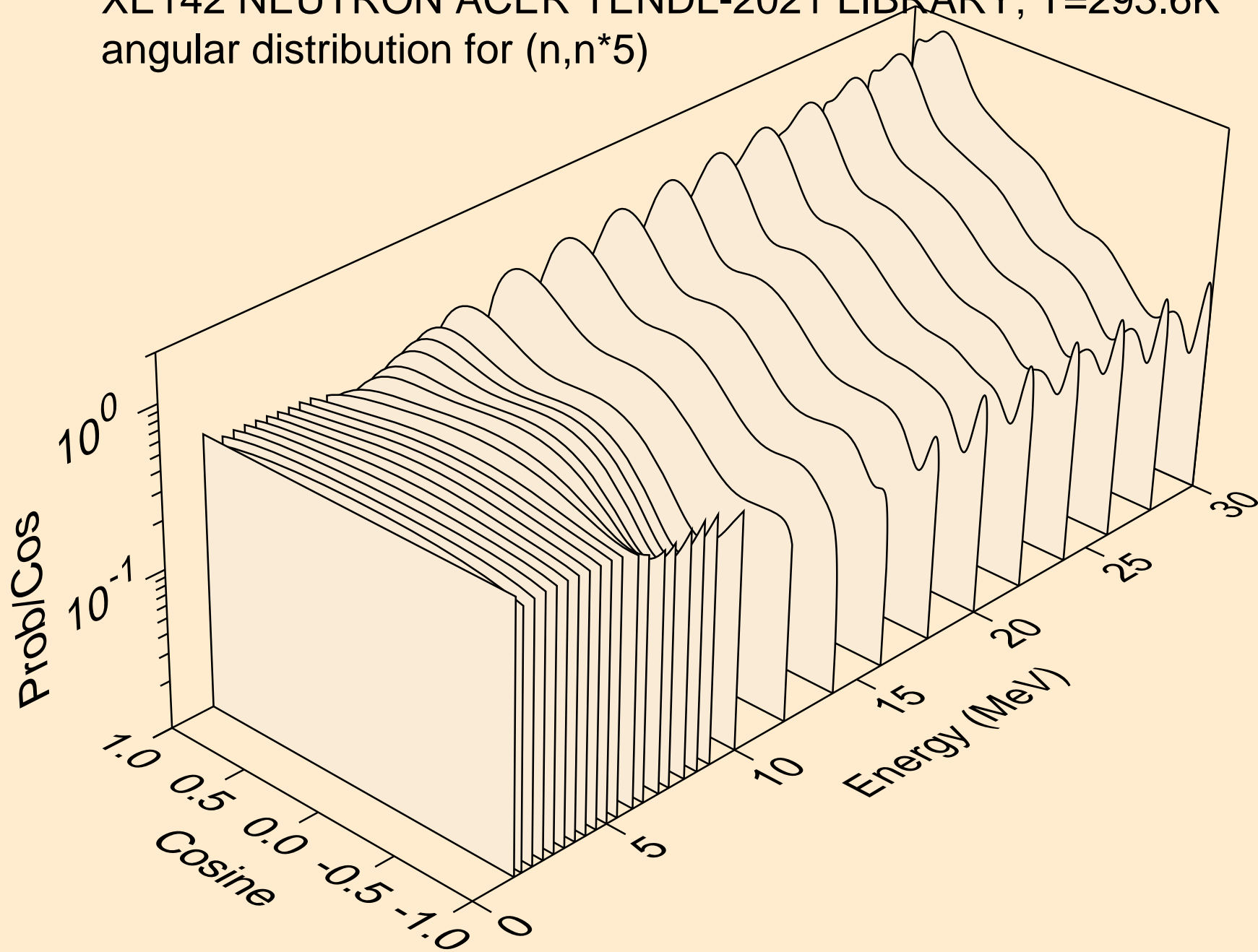
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



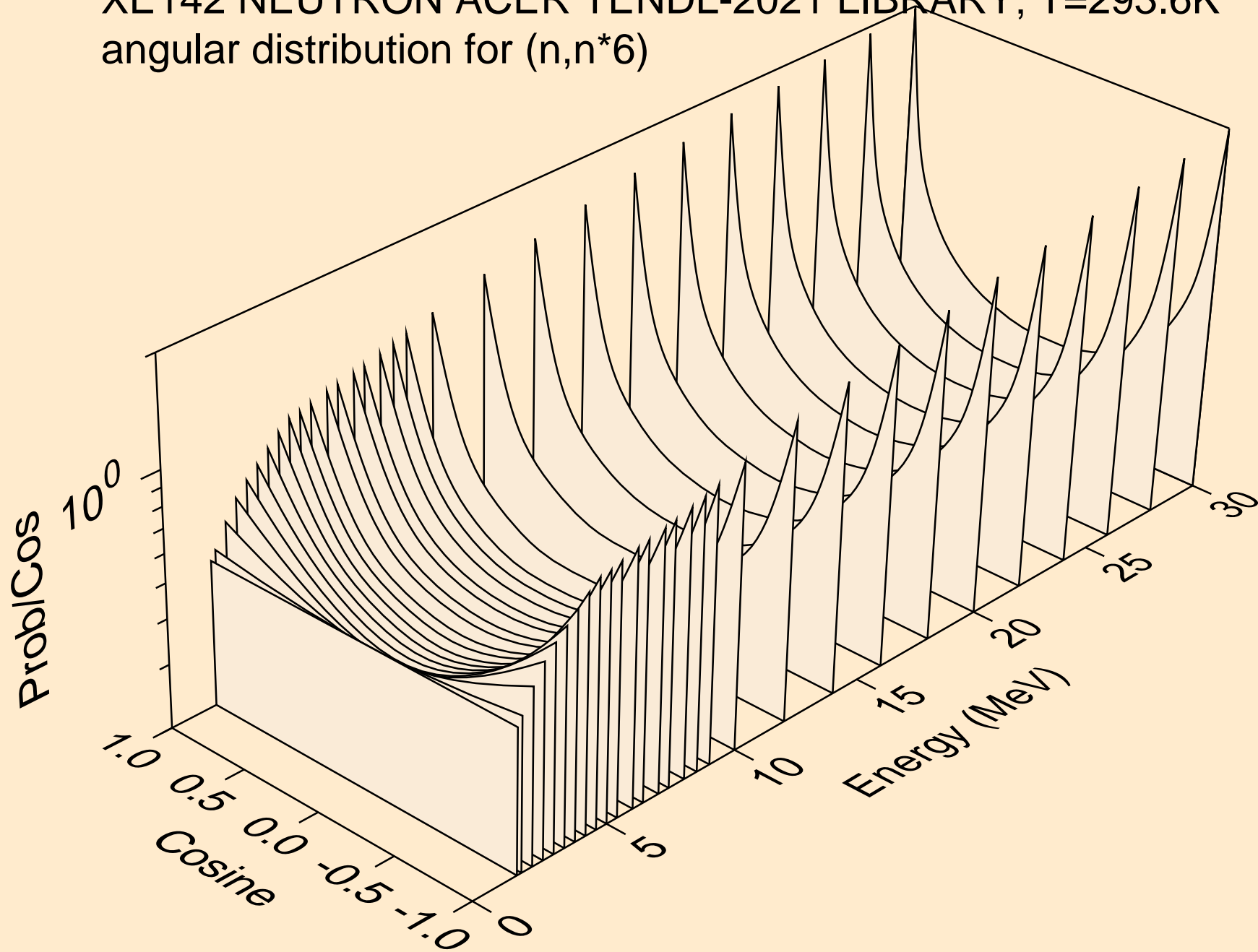
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angular distribution for (n,n\*4)



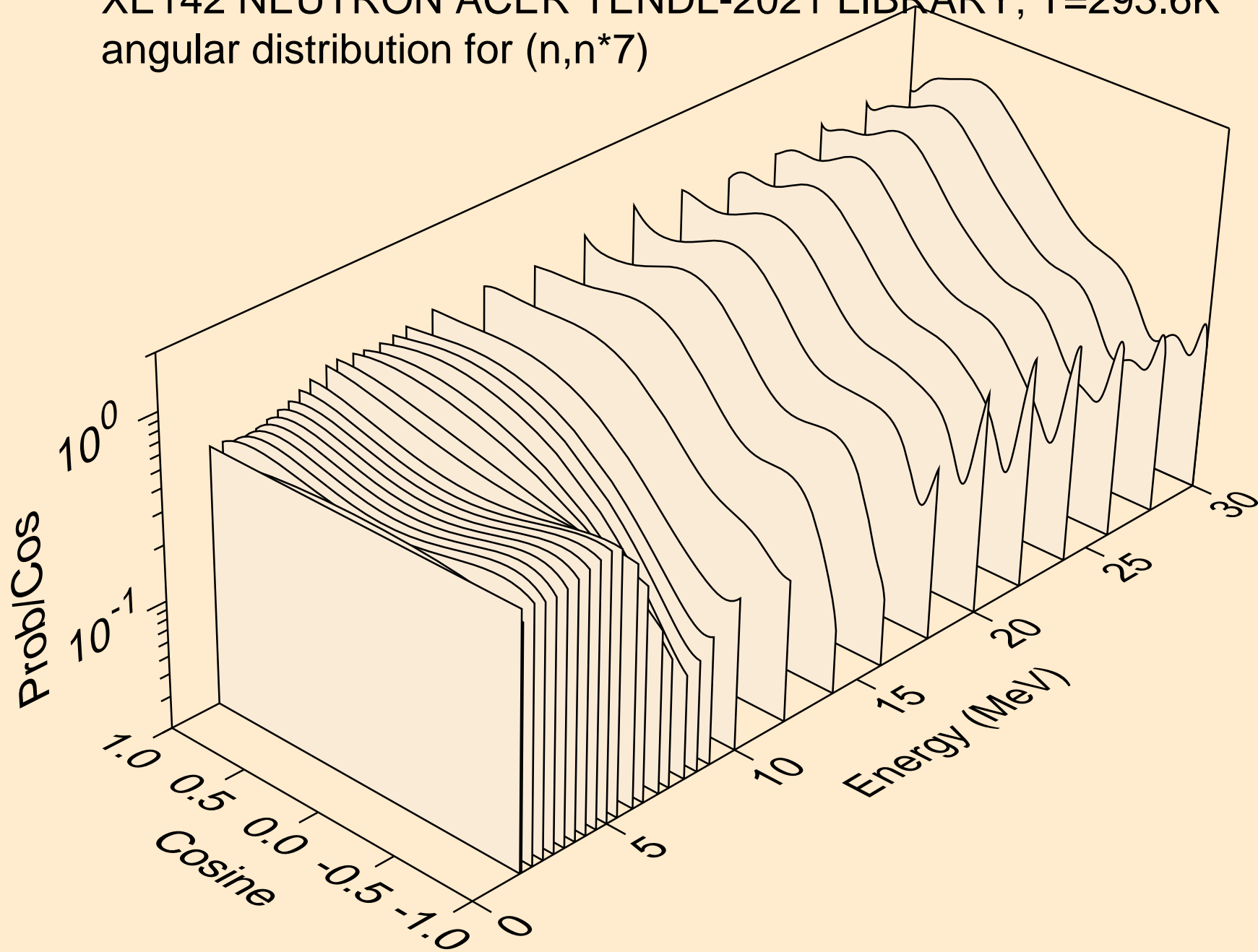
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



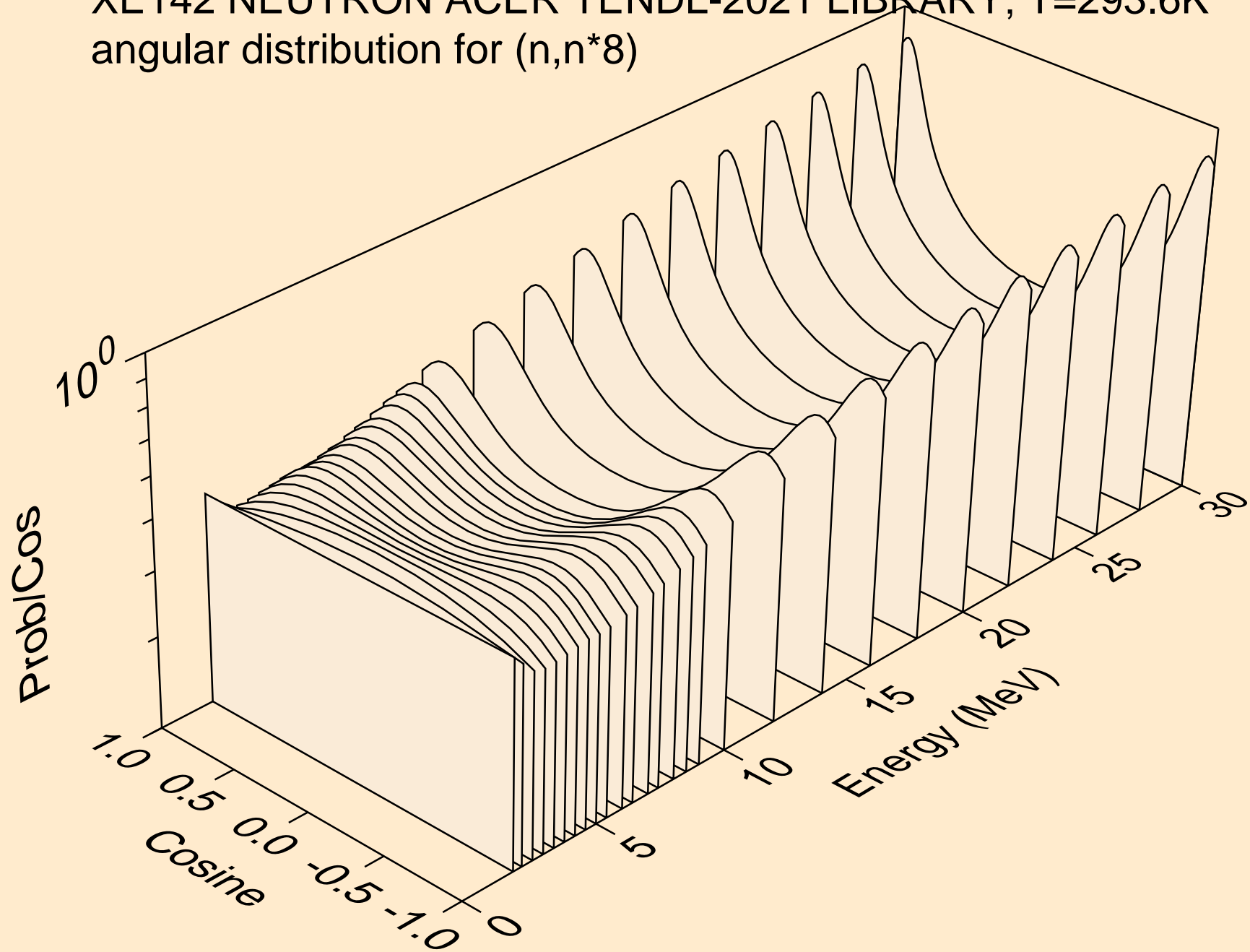
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

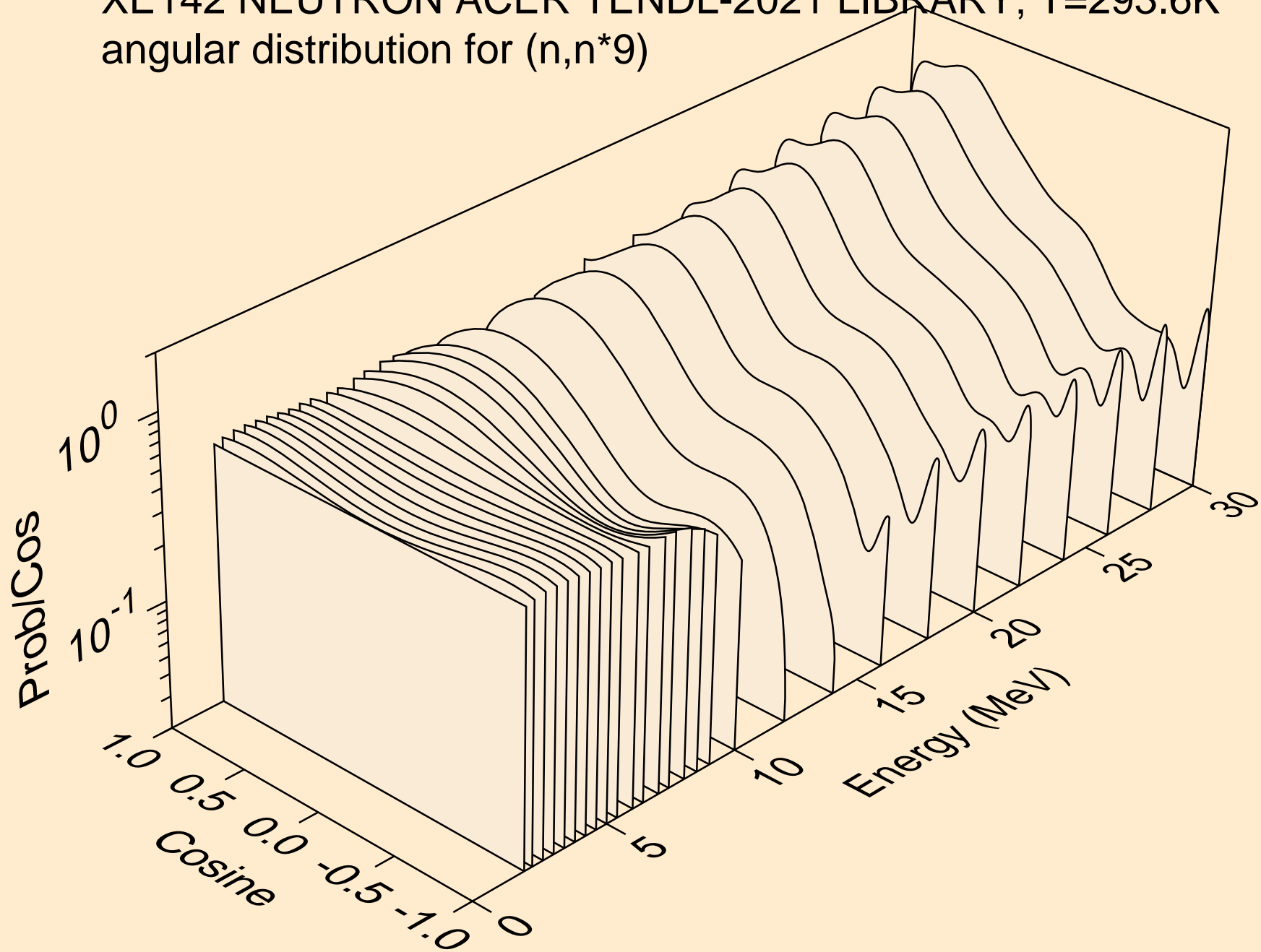


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

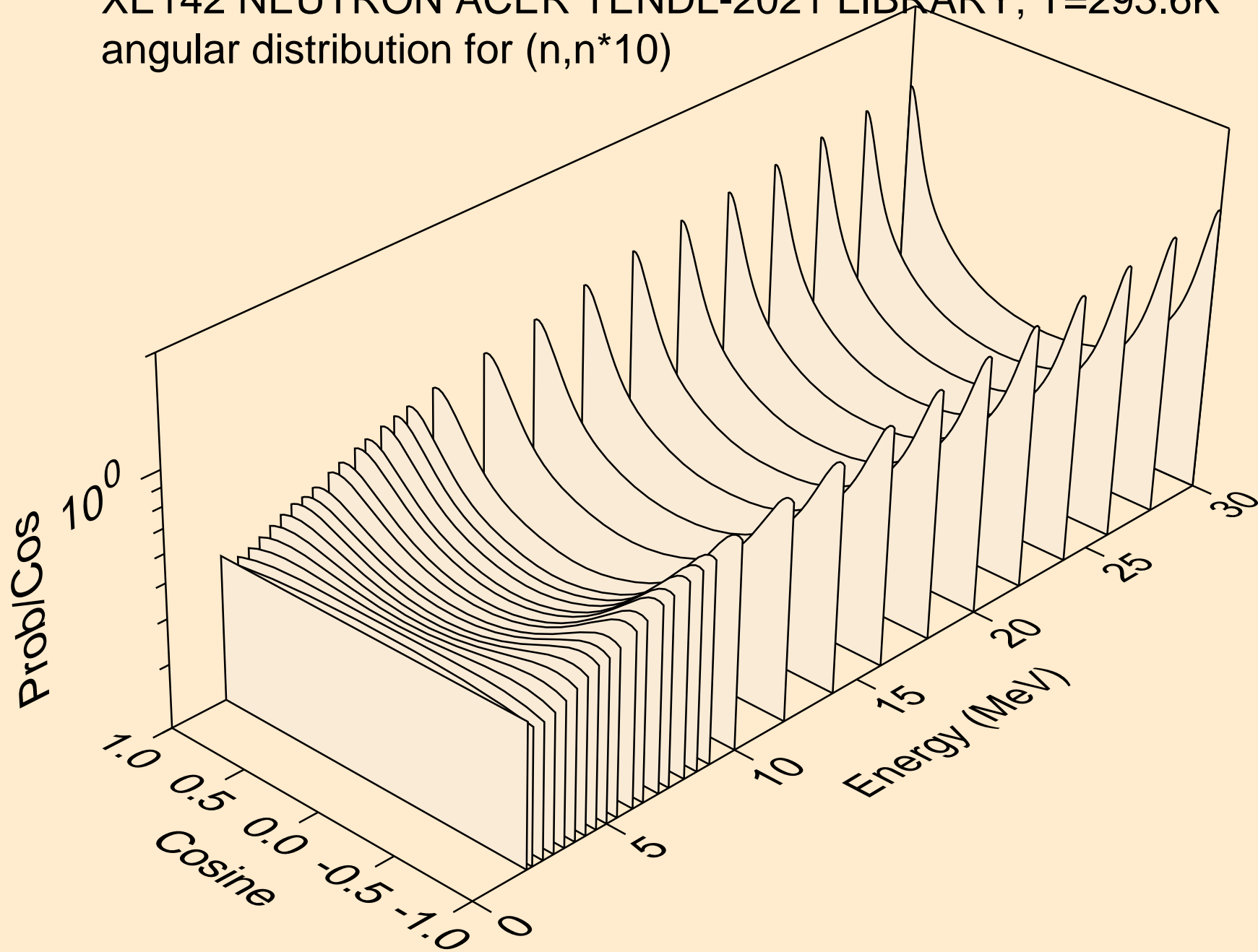




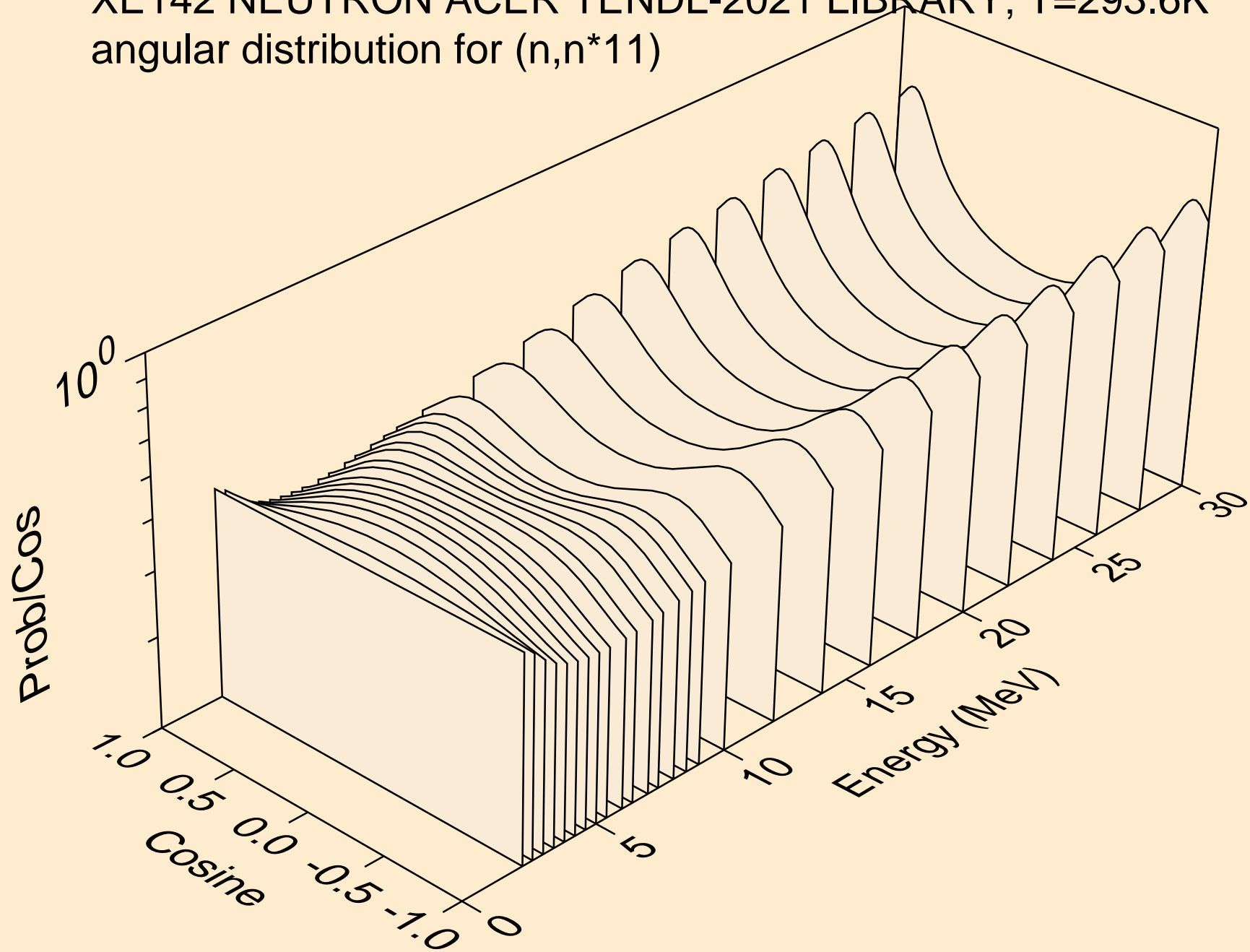
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



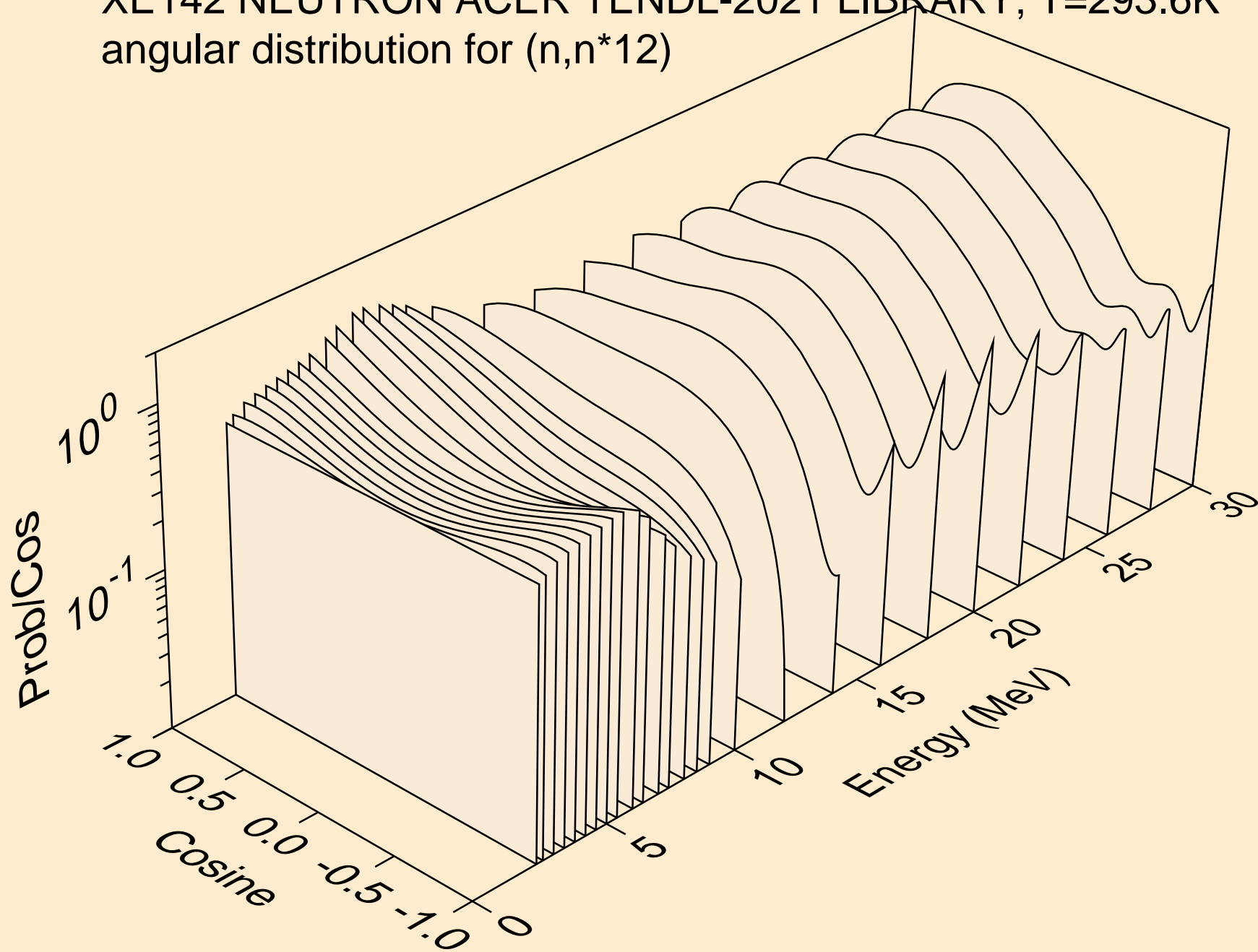
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



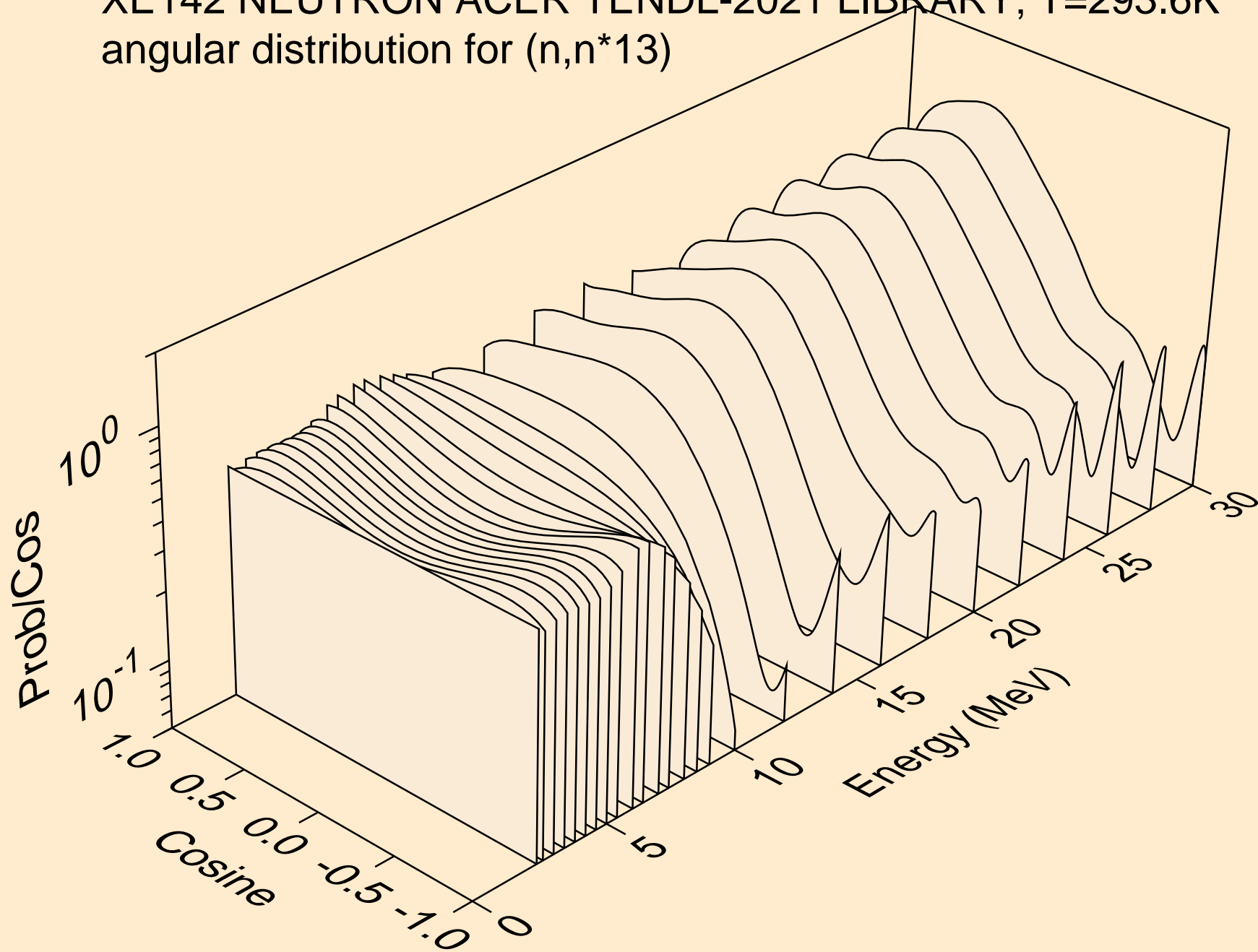
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



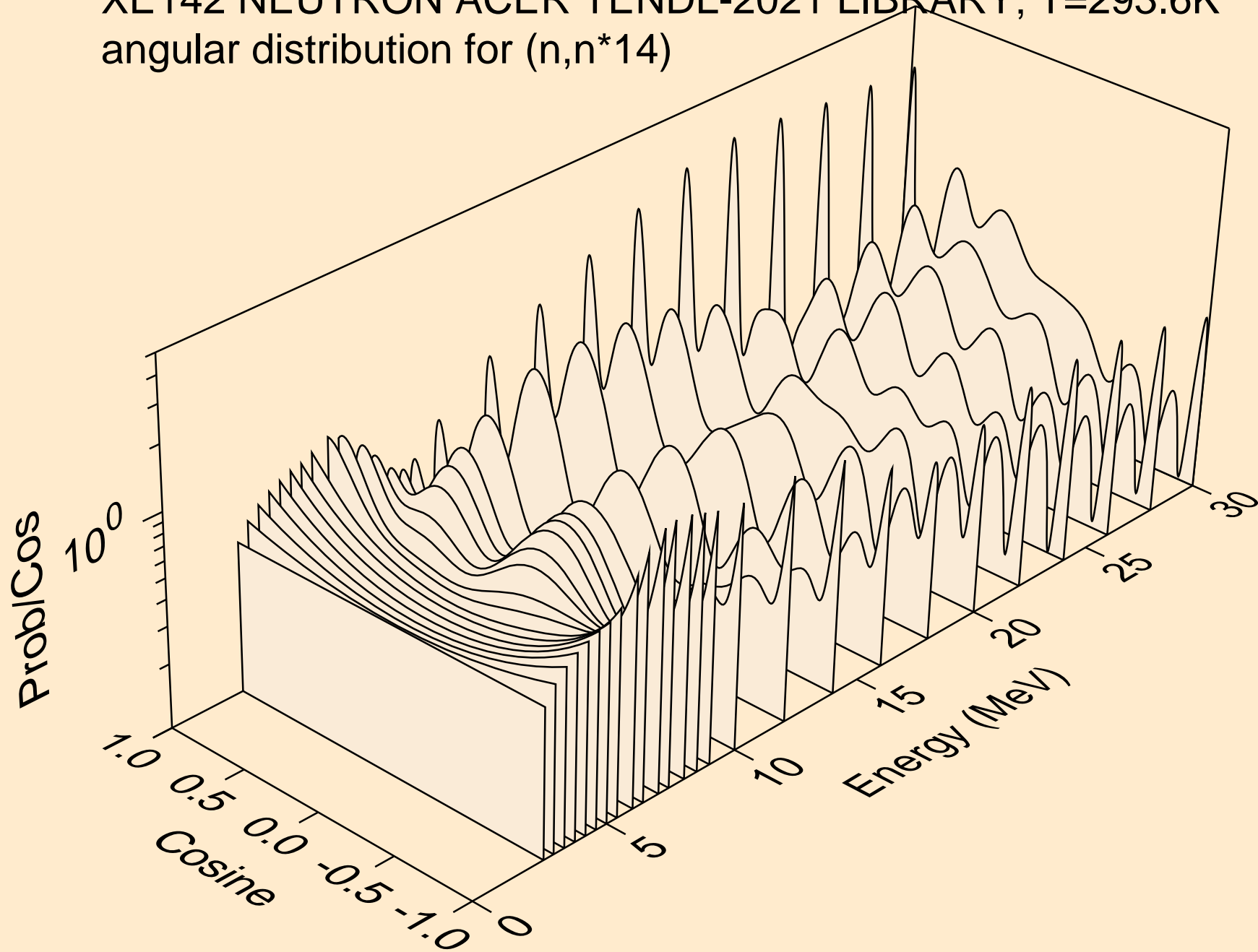
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



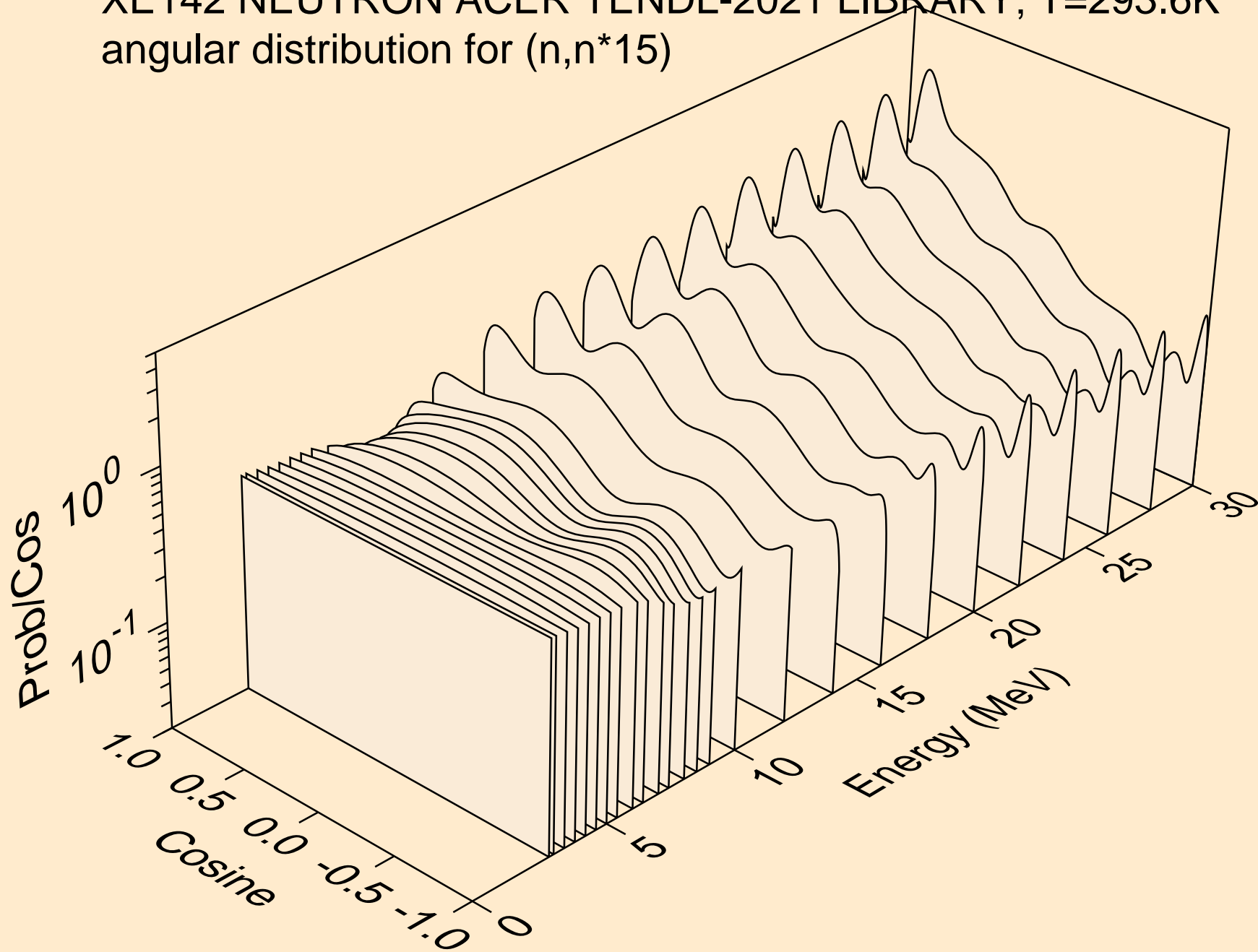
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



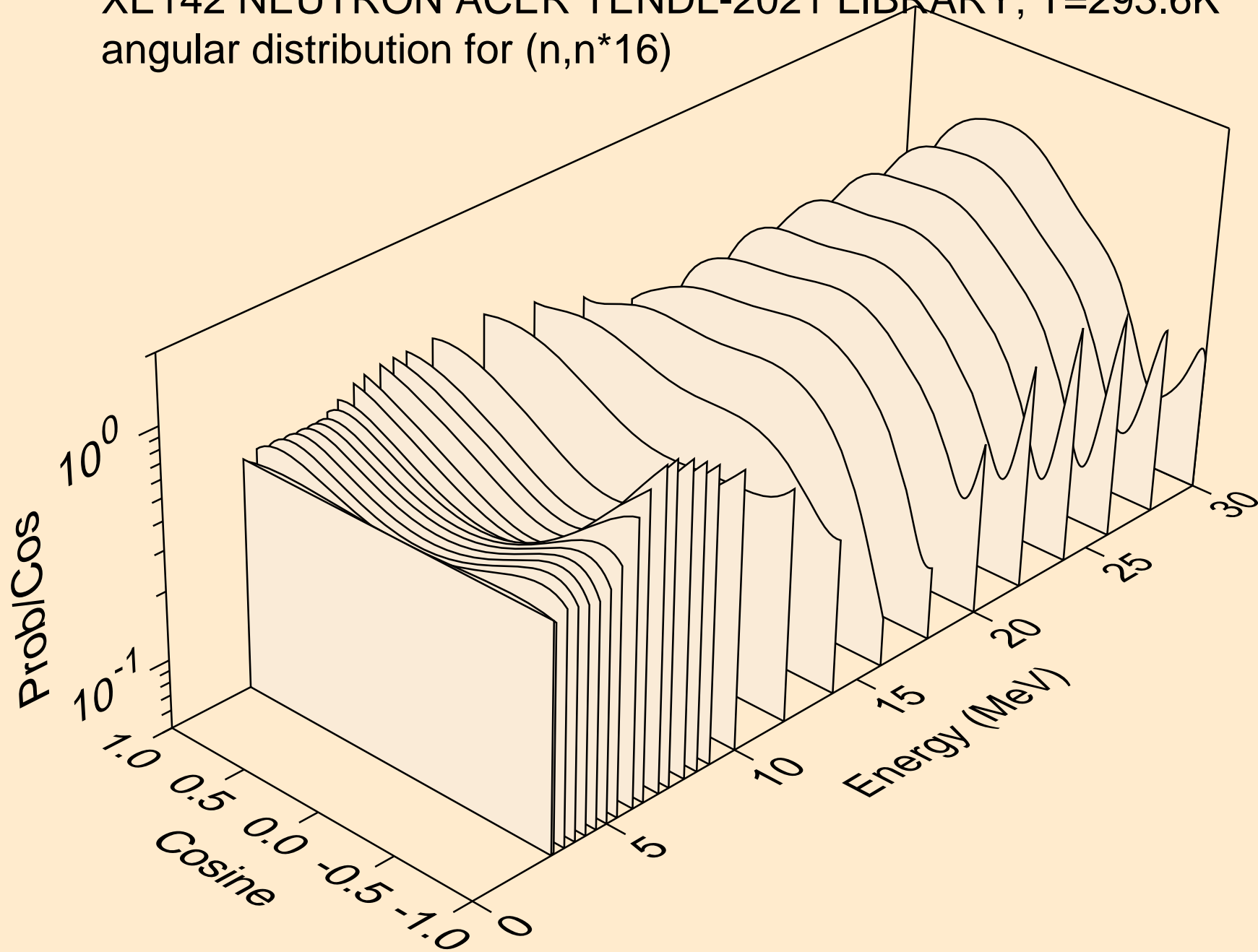
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

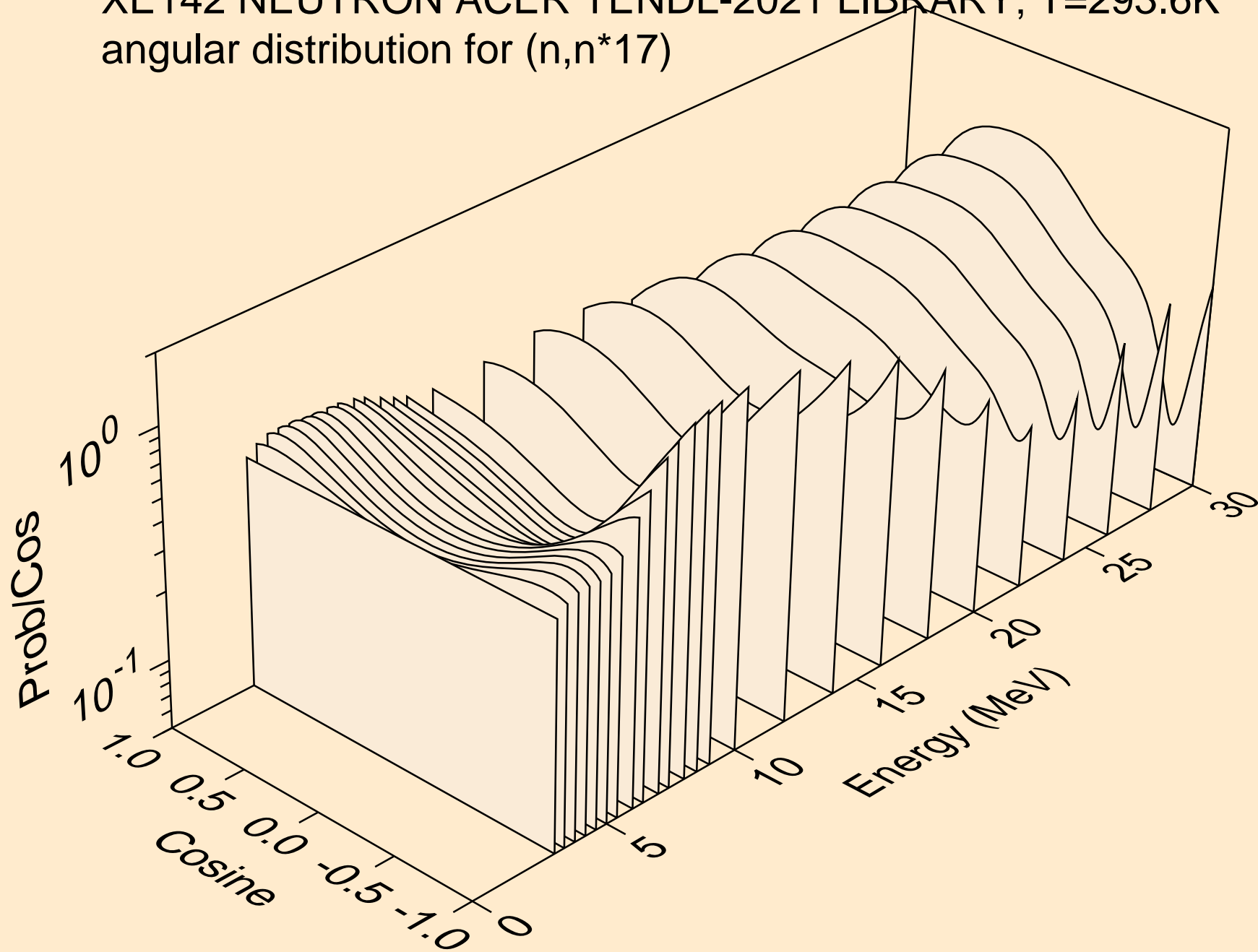


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

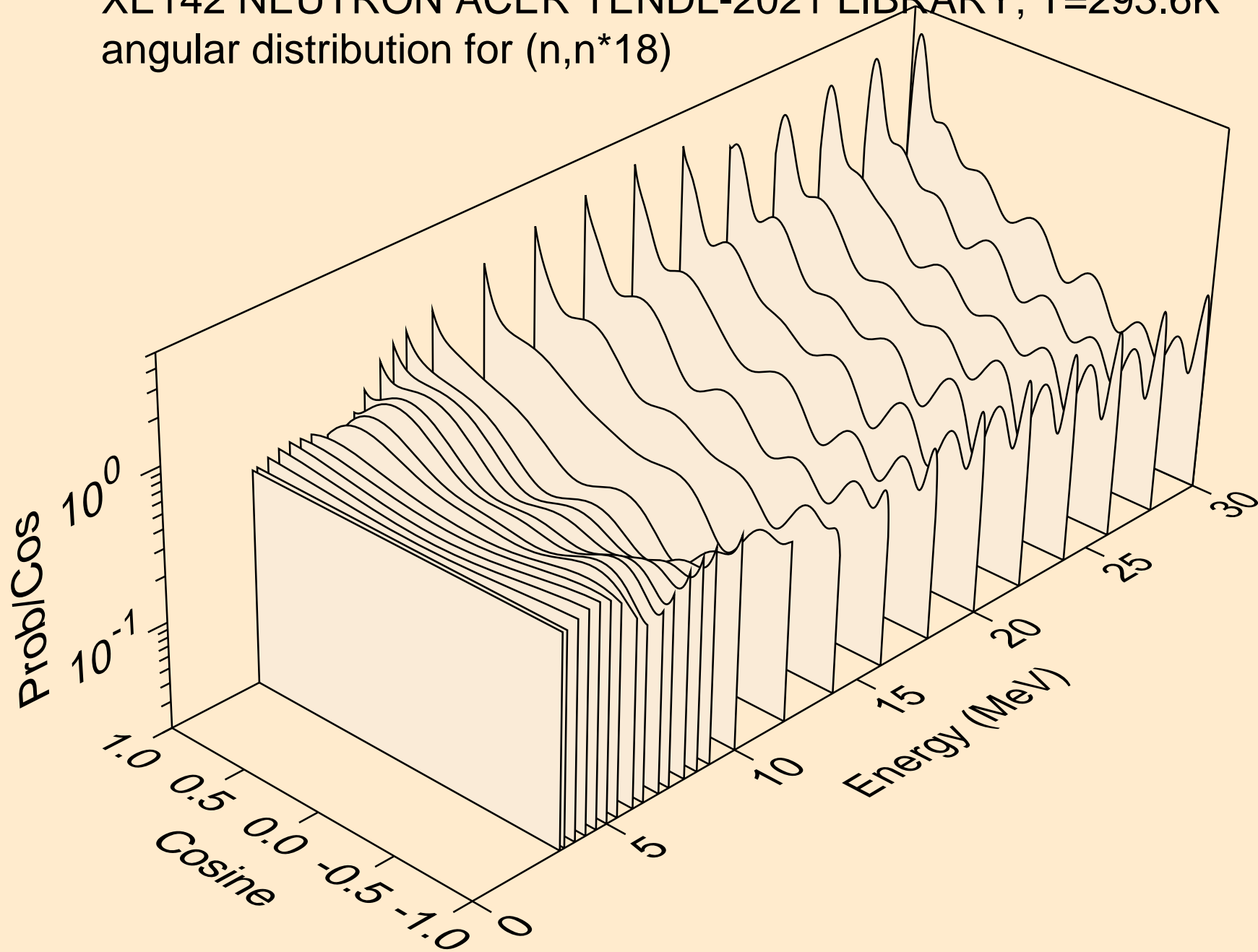




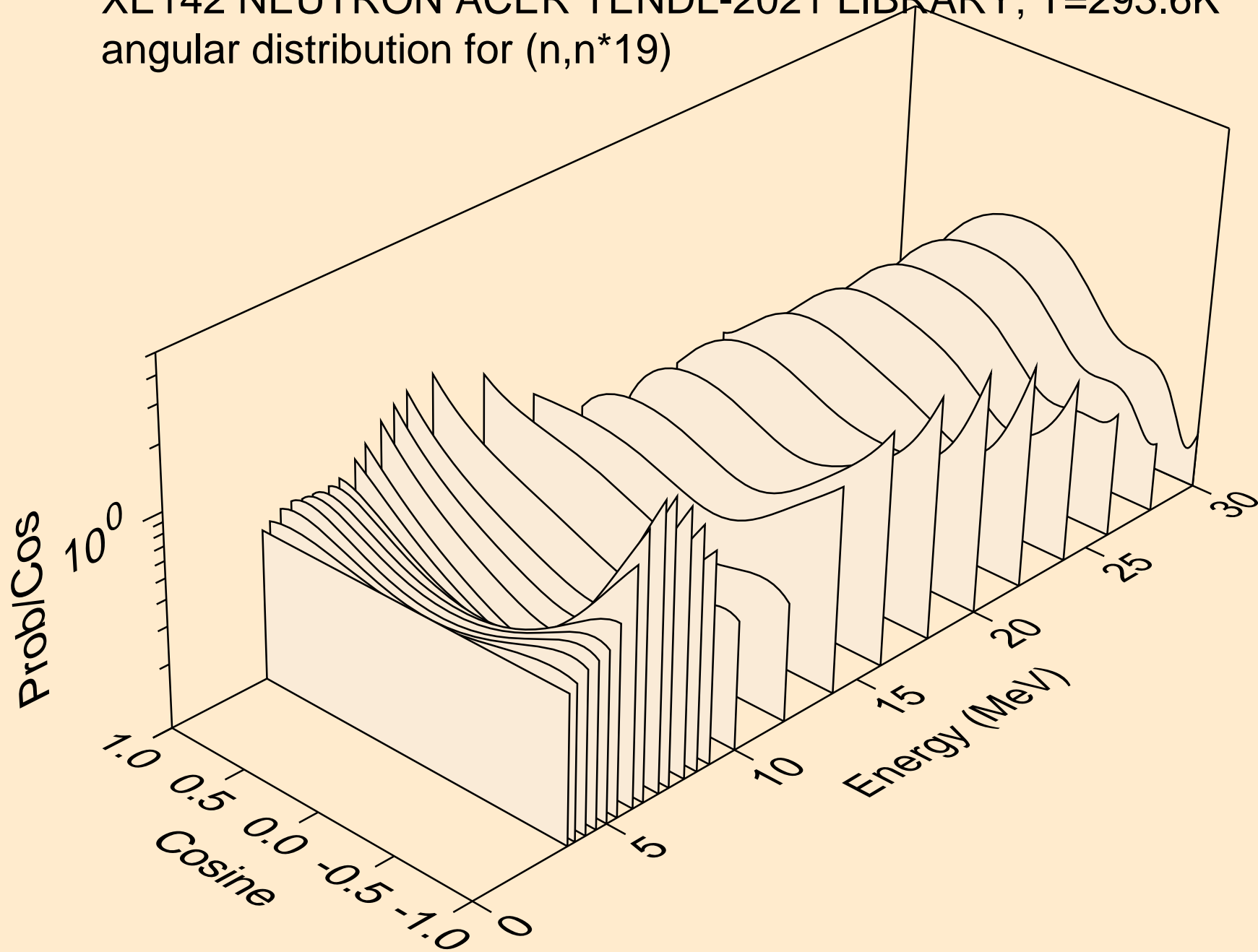
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



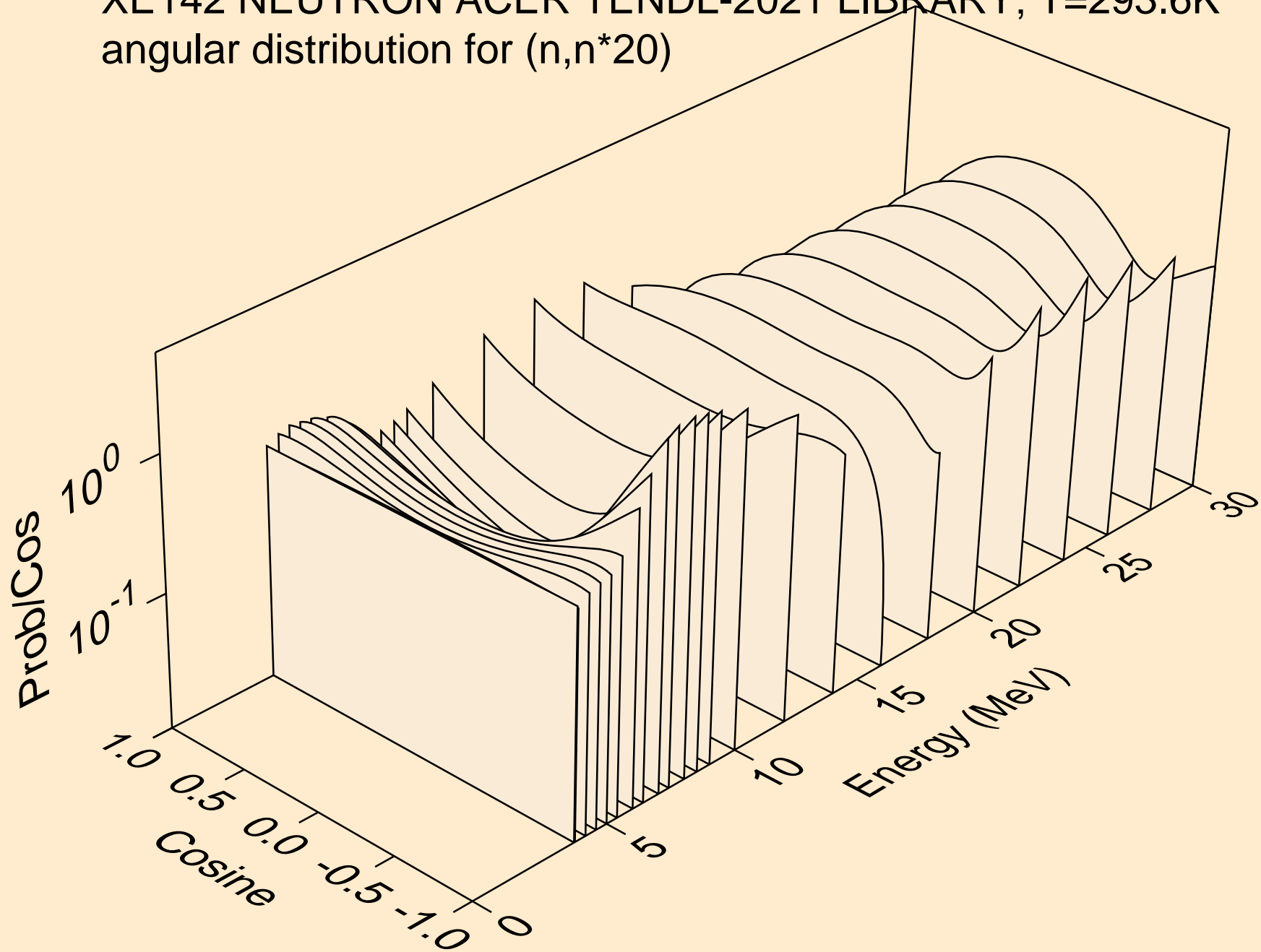
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



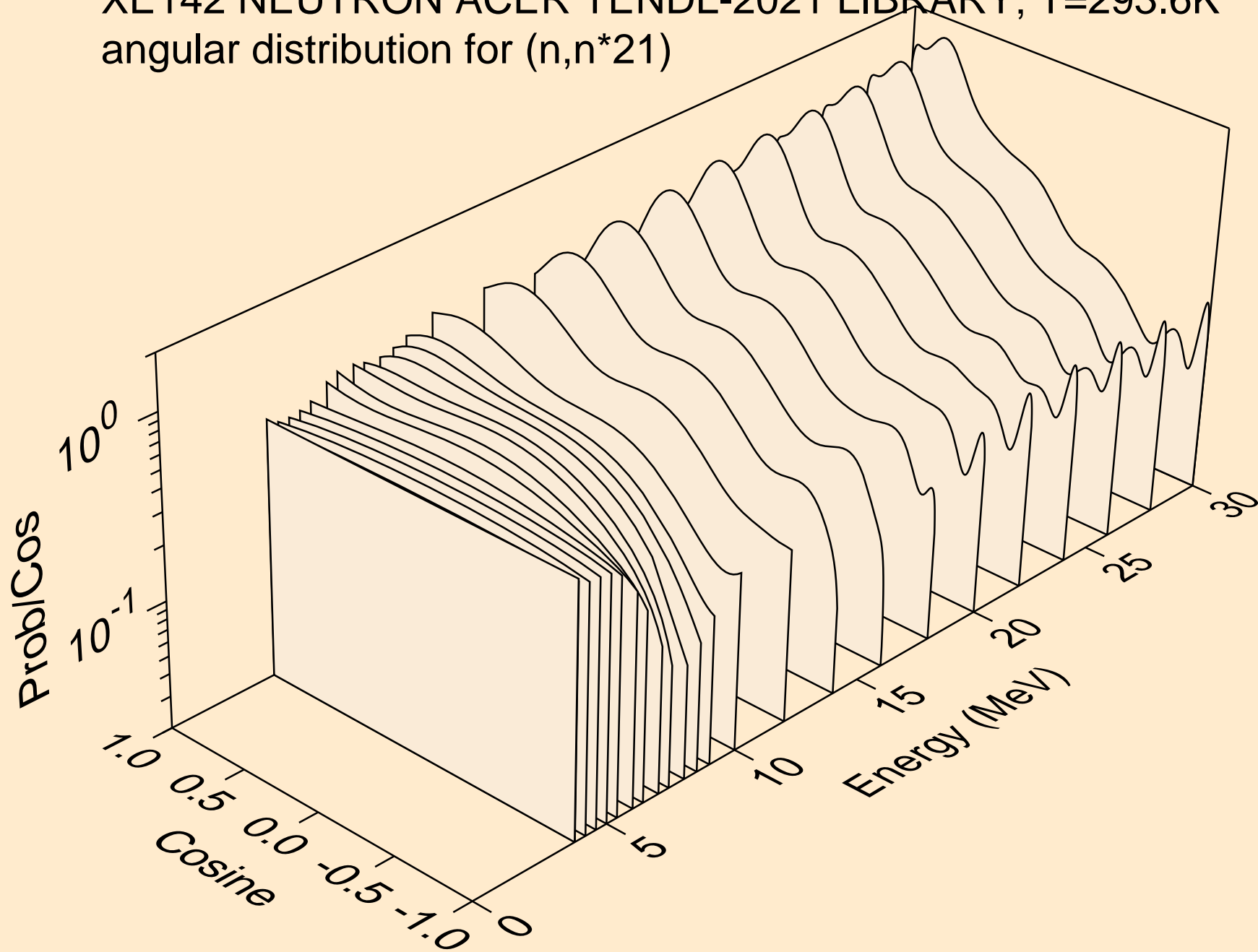
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



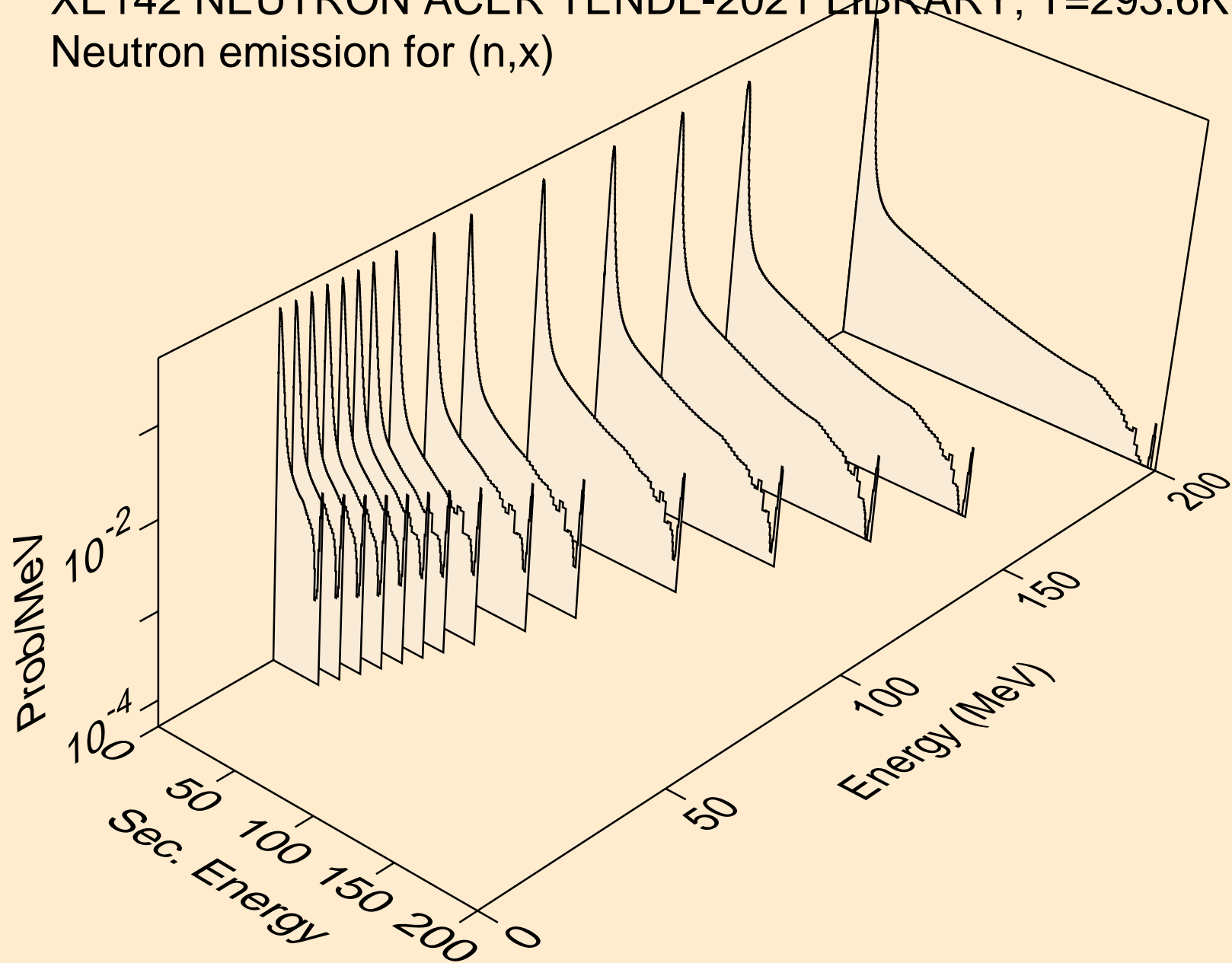
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



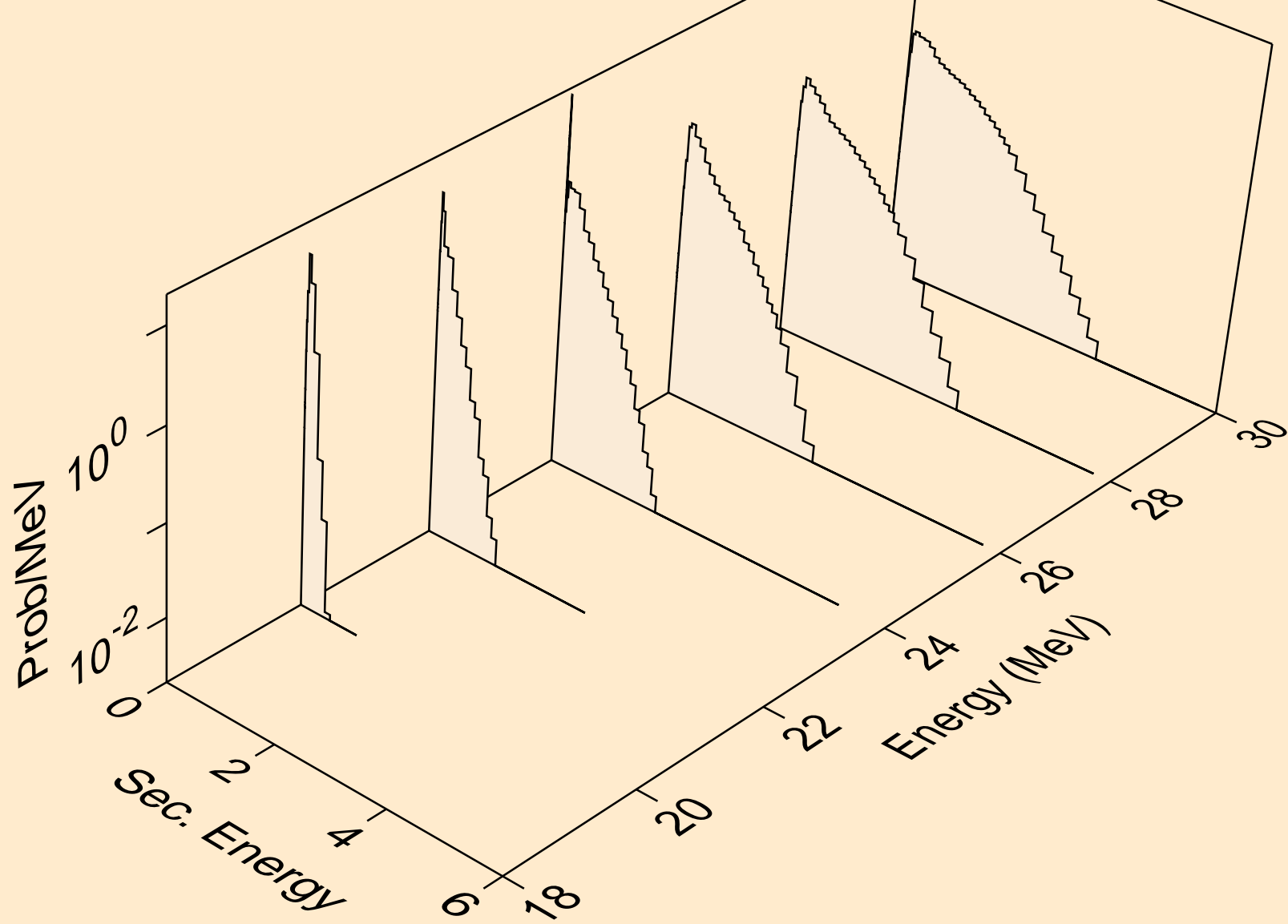
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



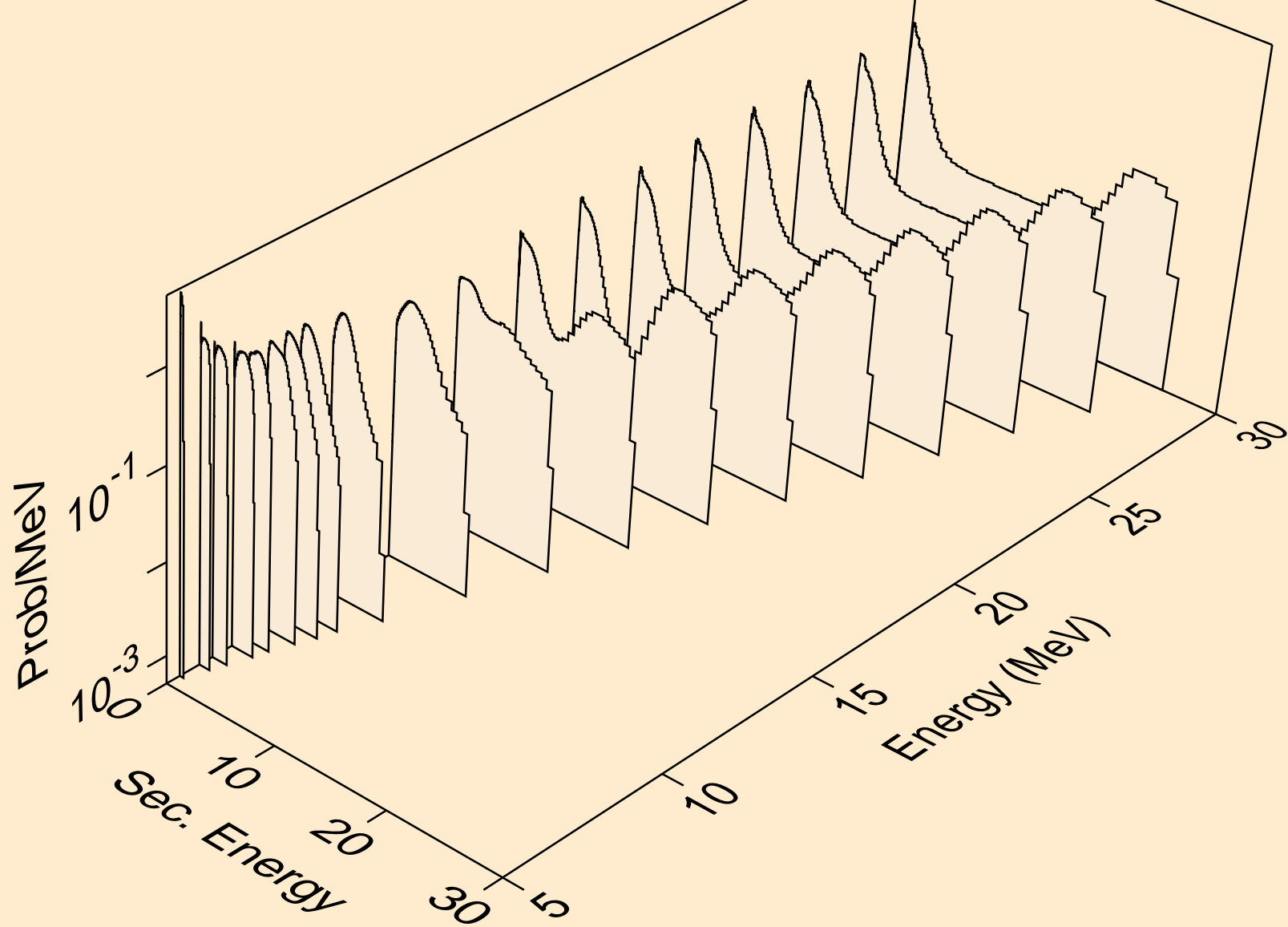
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

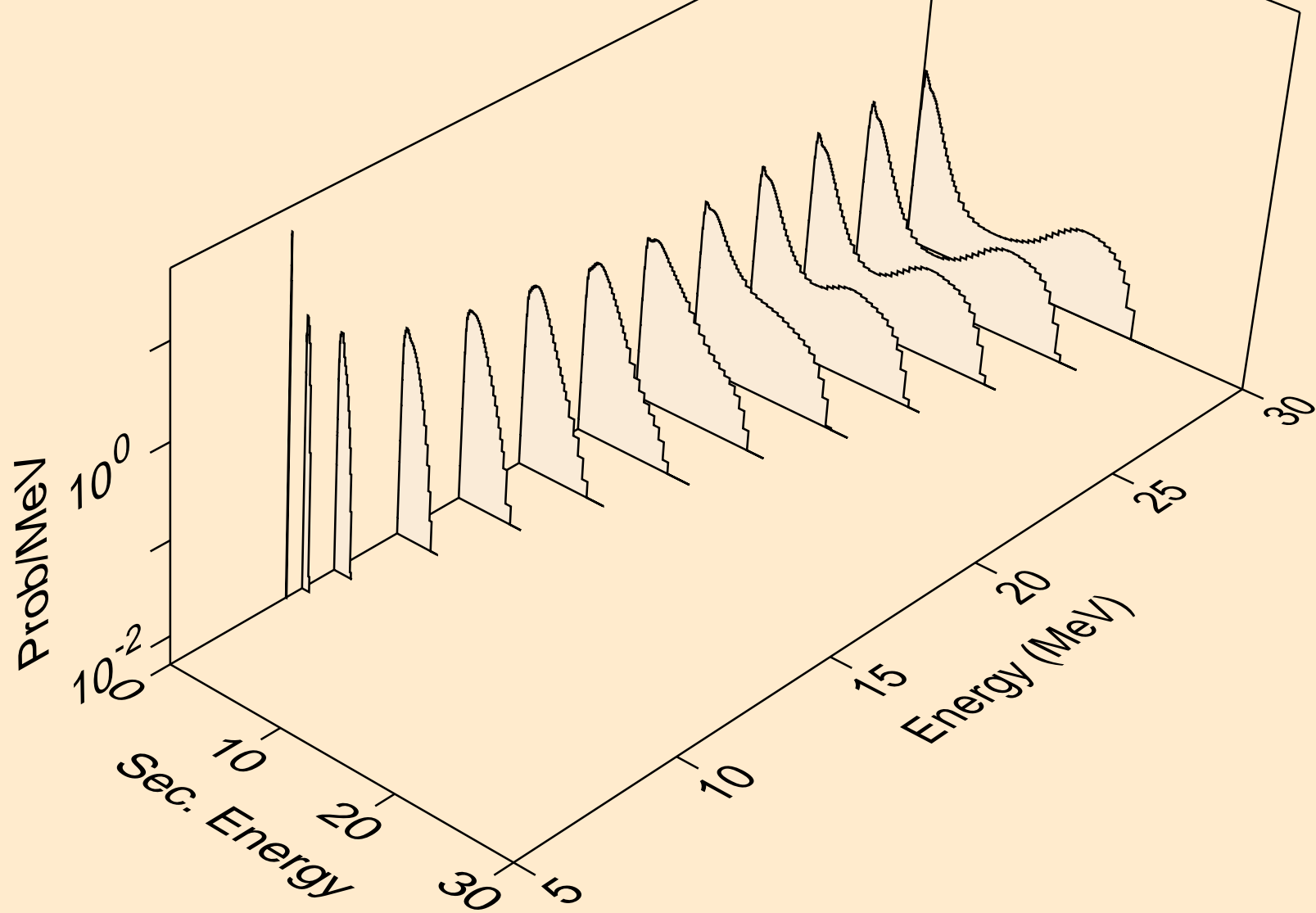


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

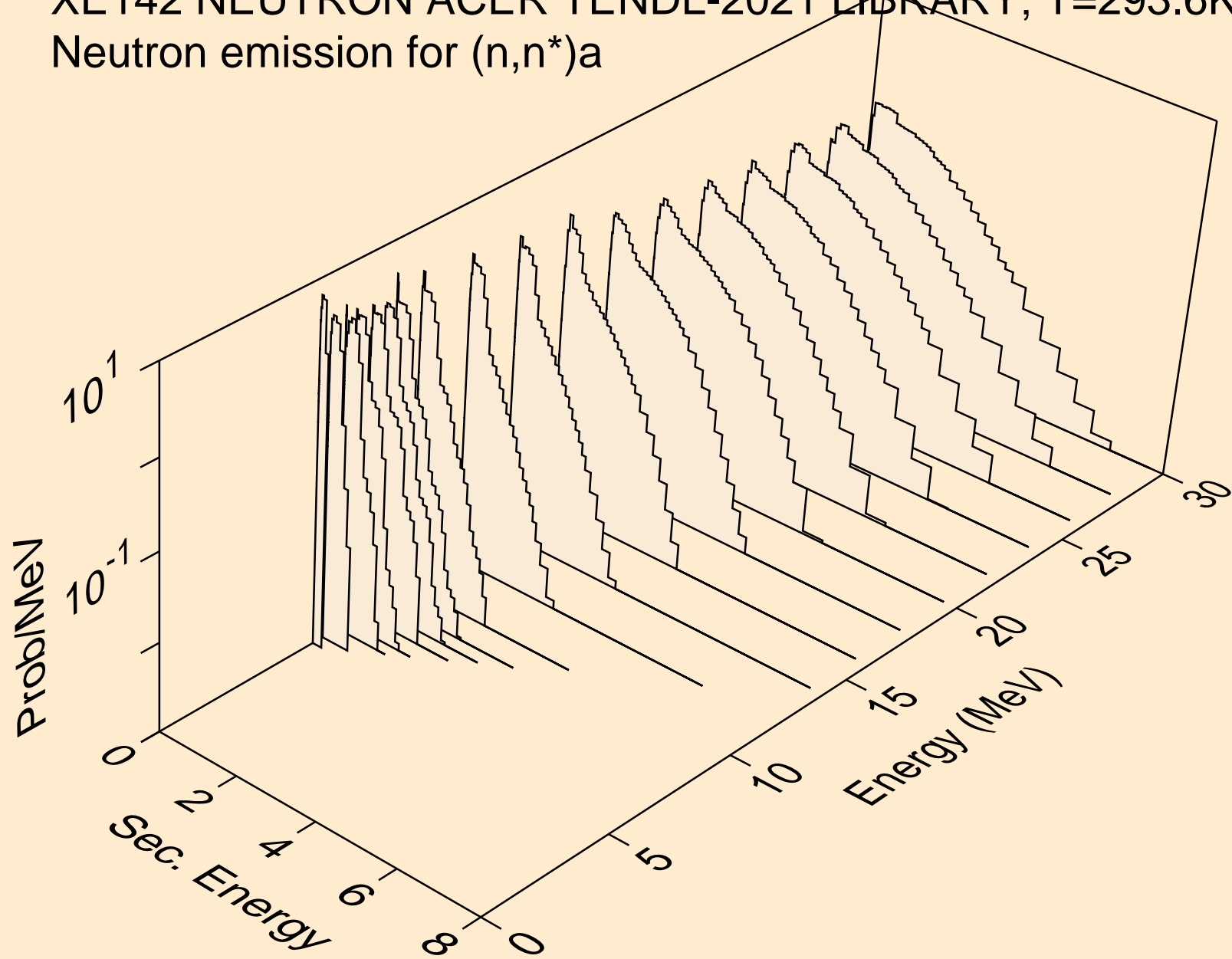




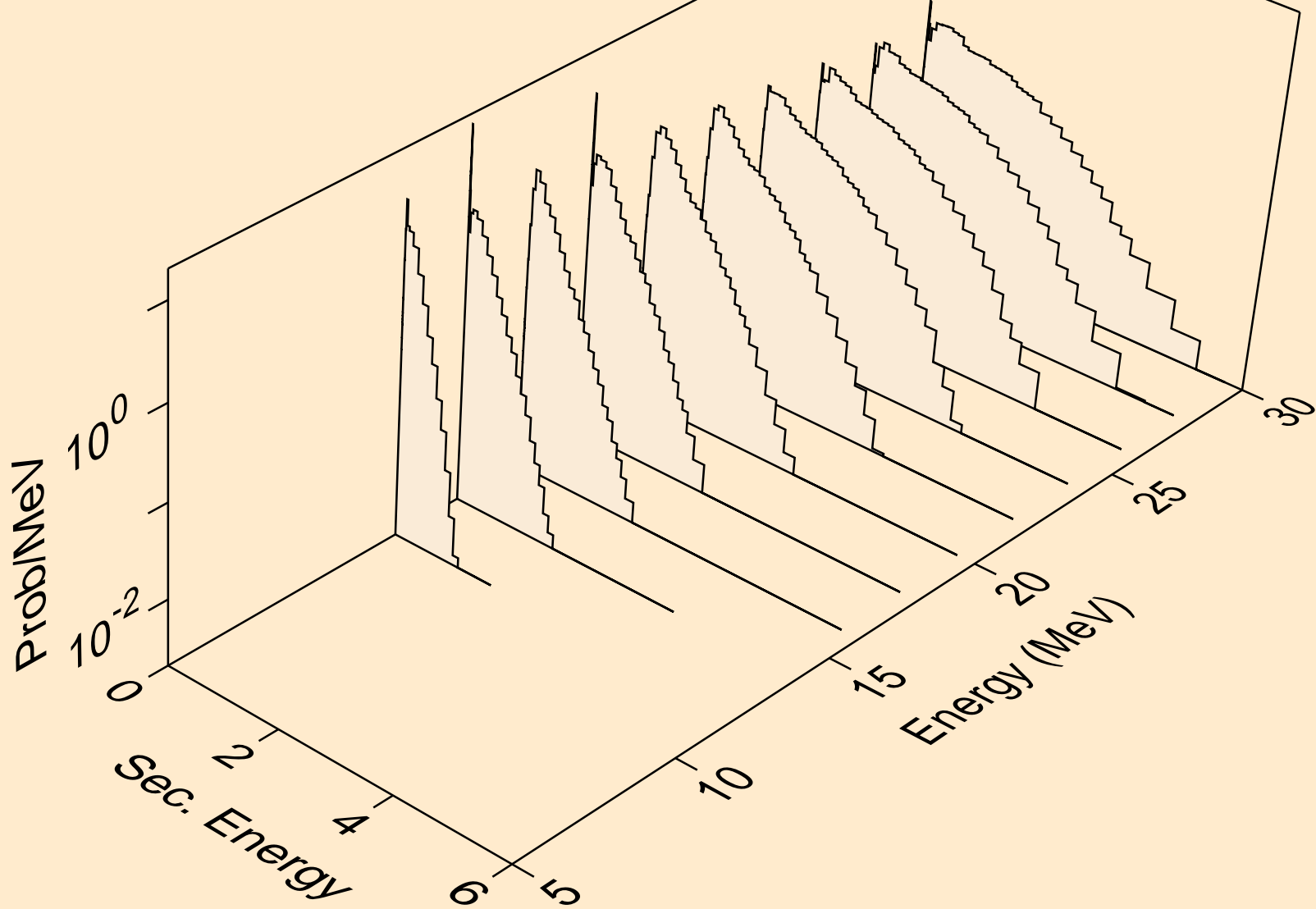
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



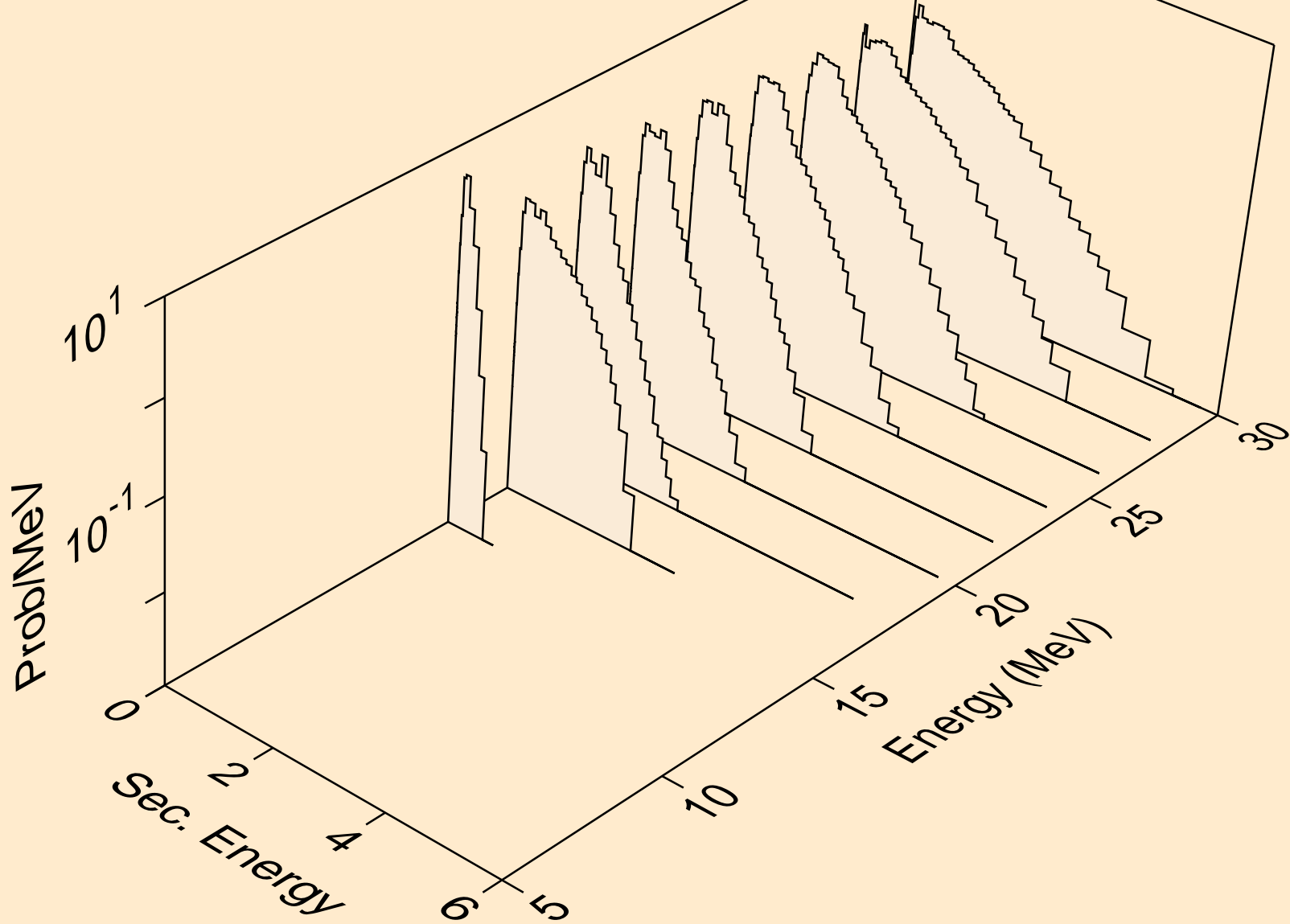
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



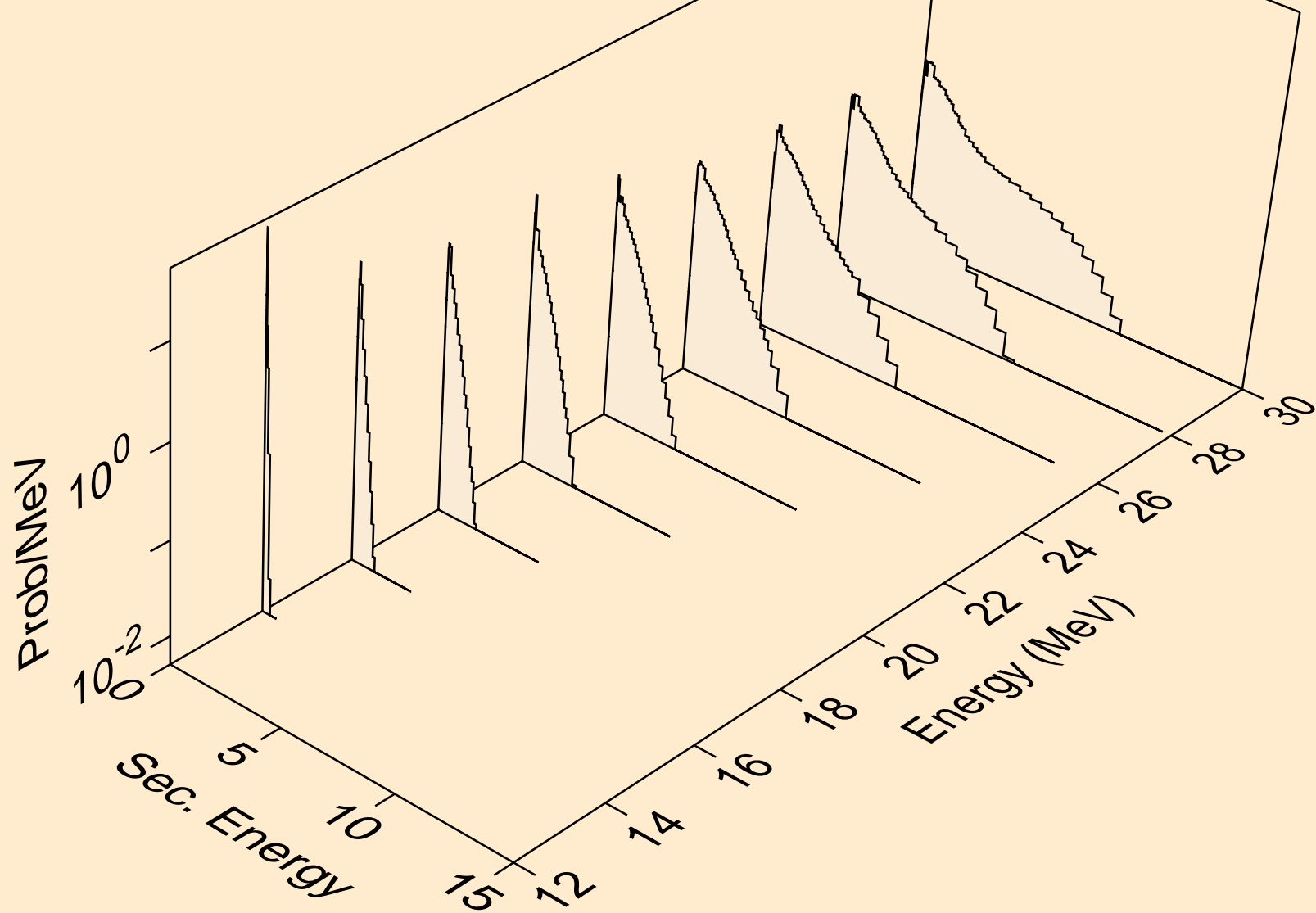
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



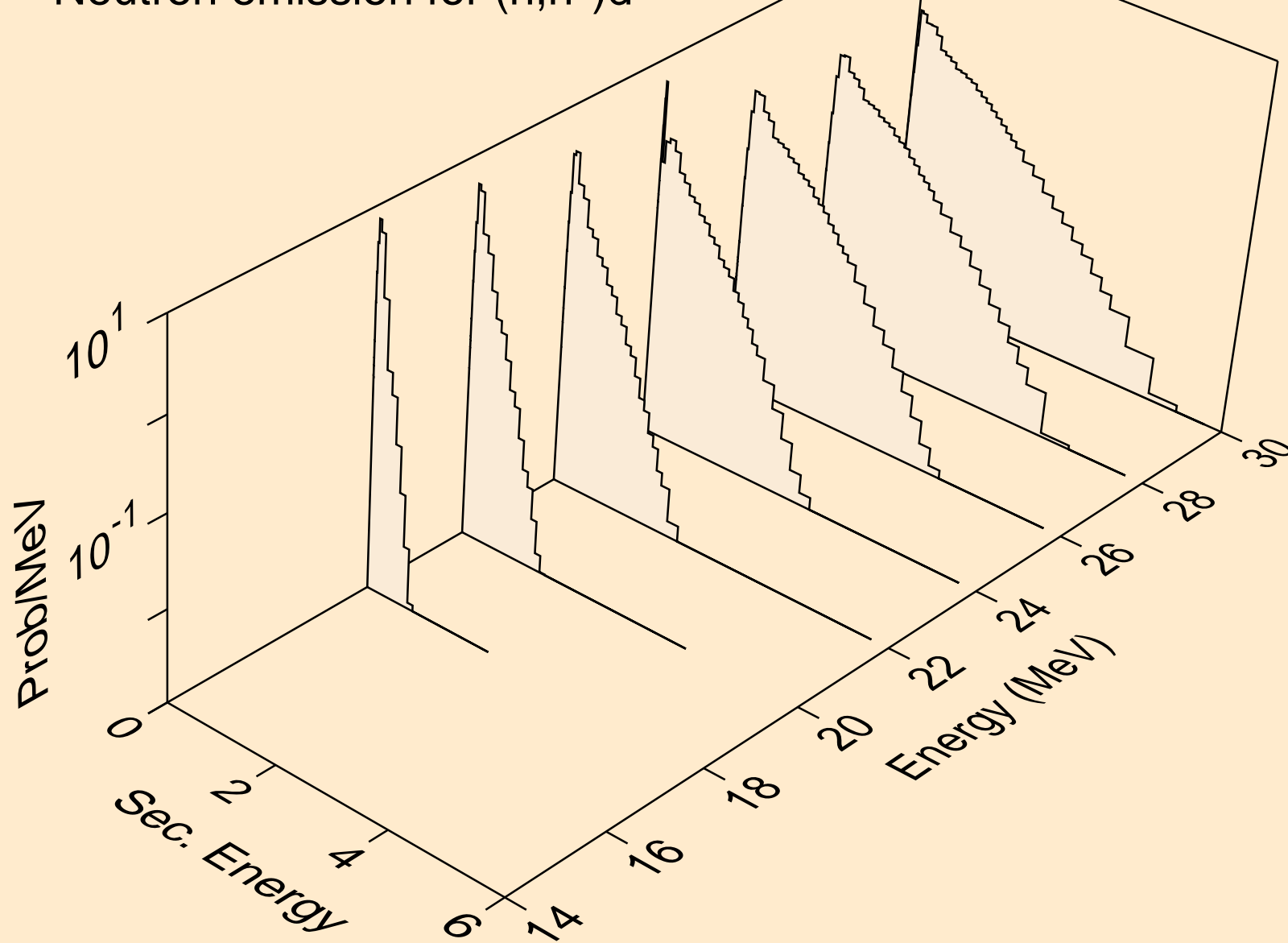
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



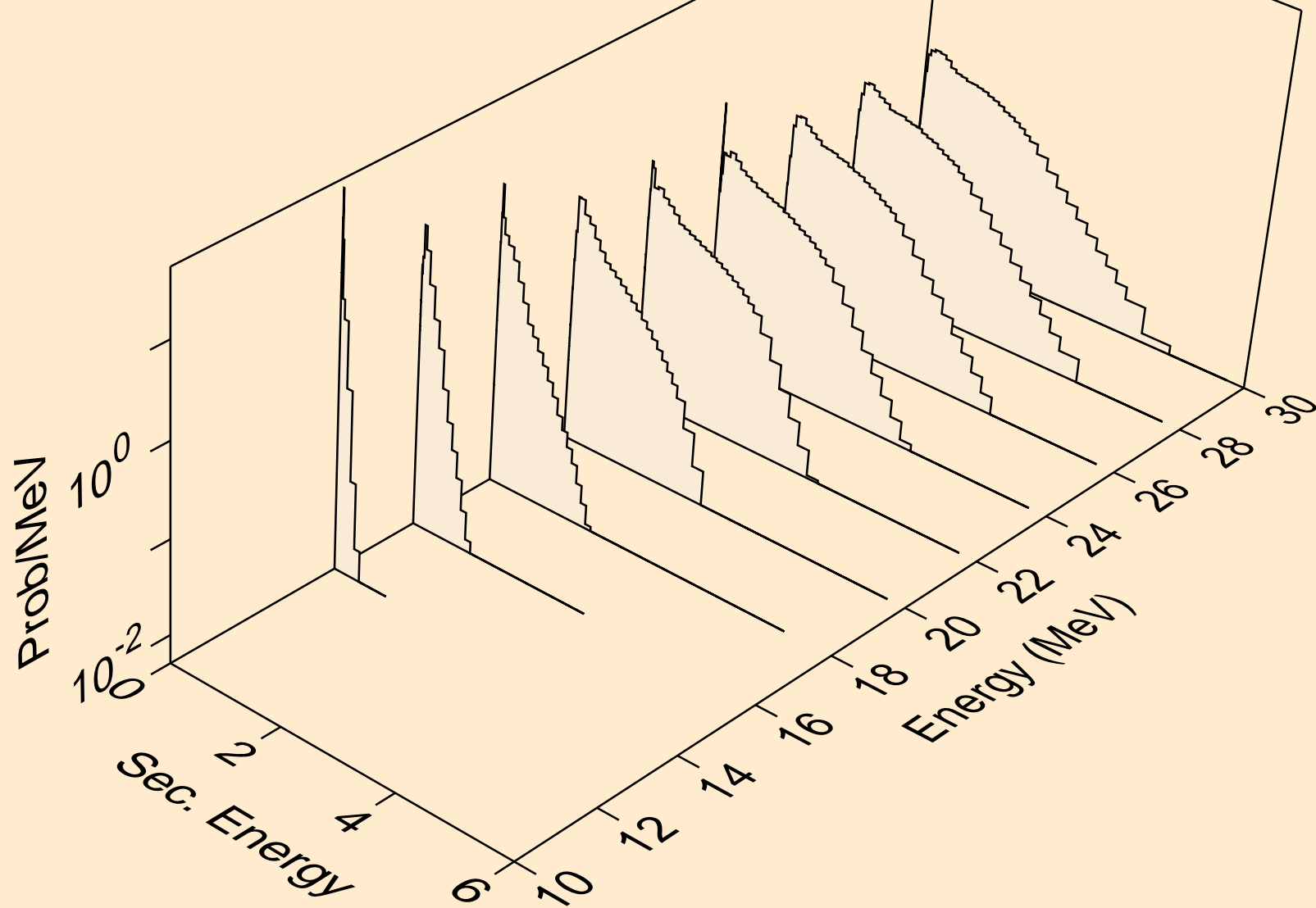
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



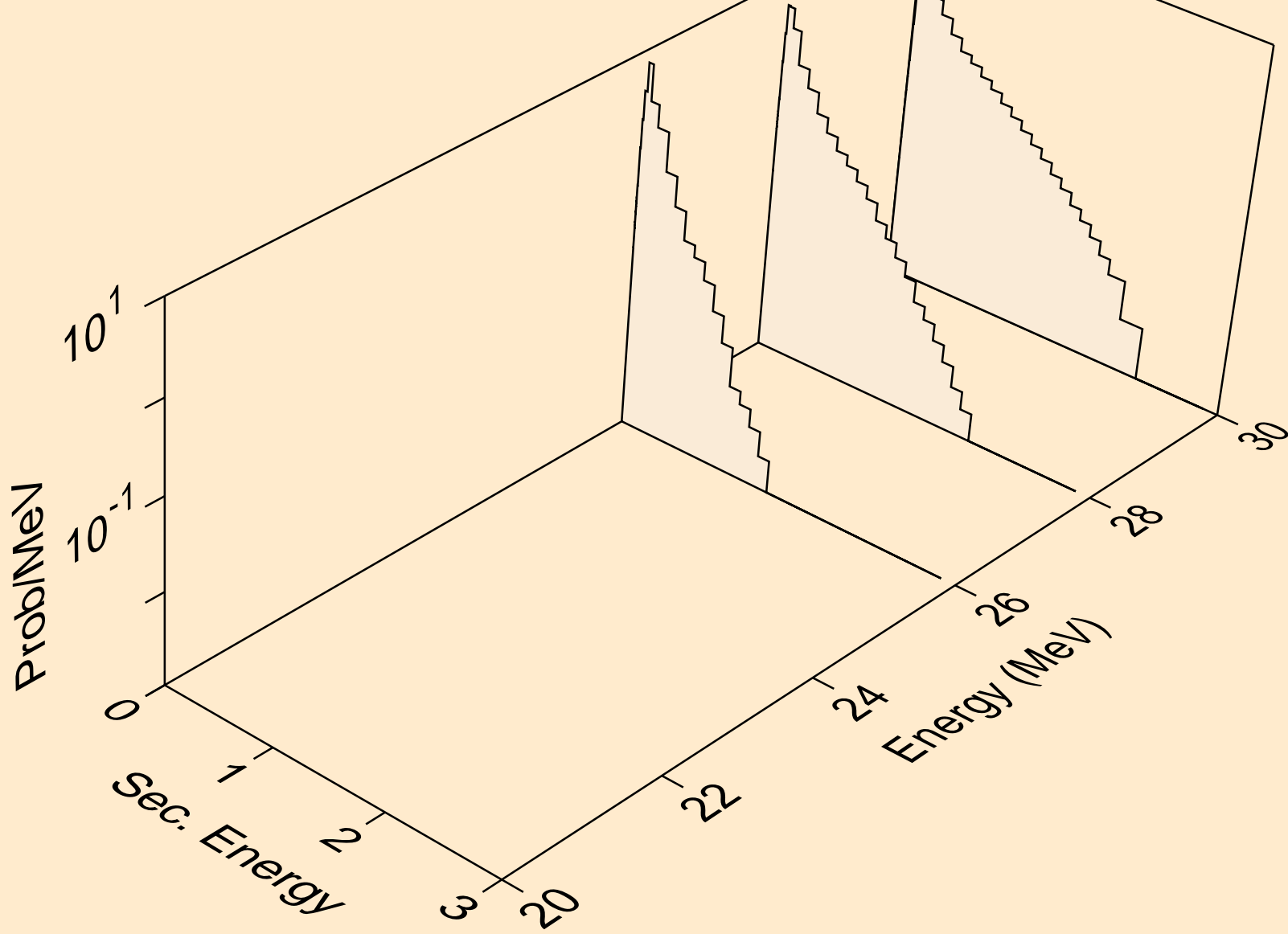
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

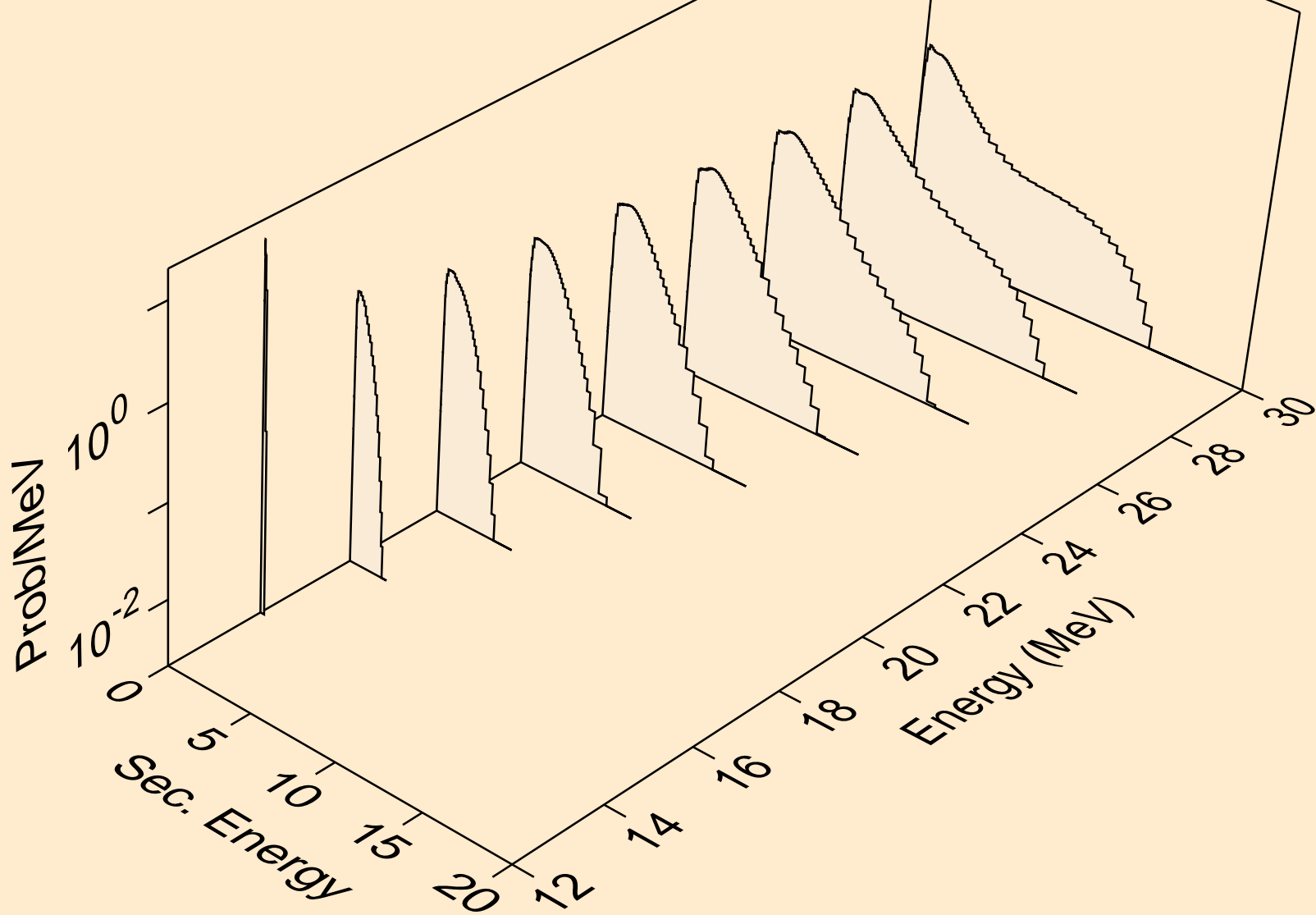


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

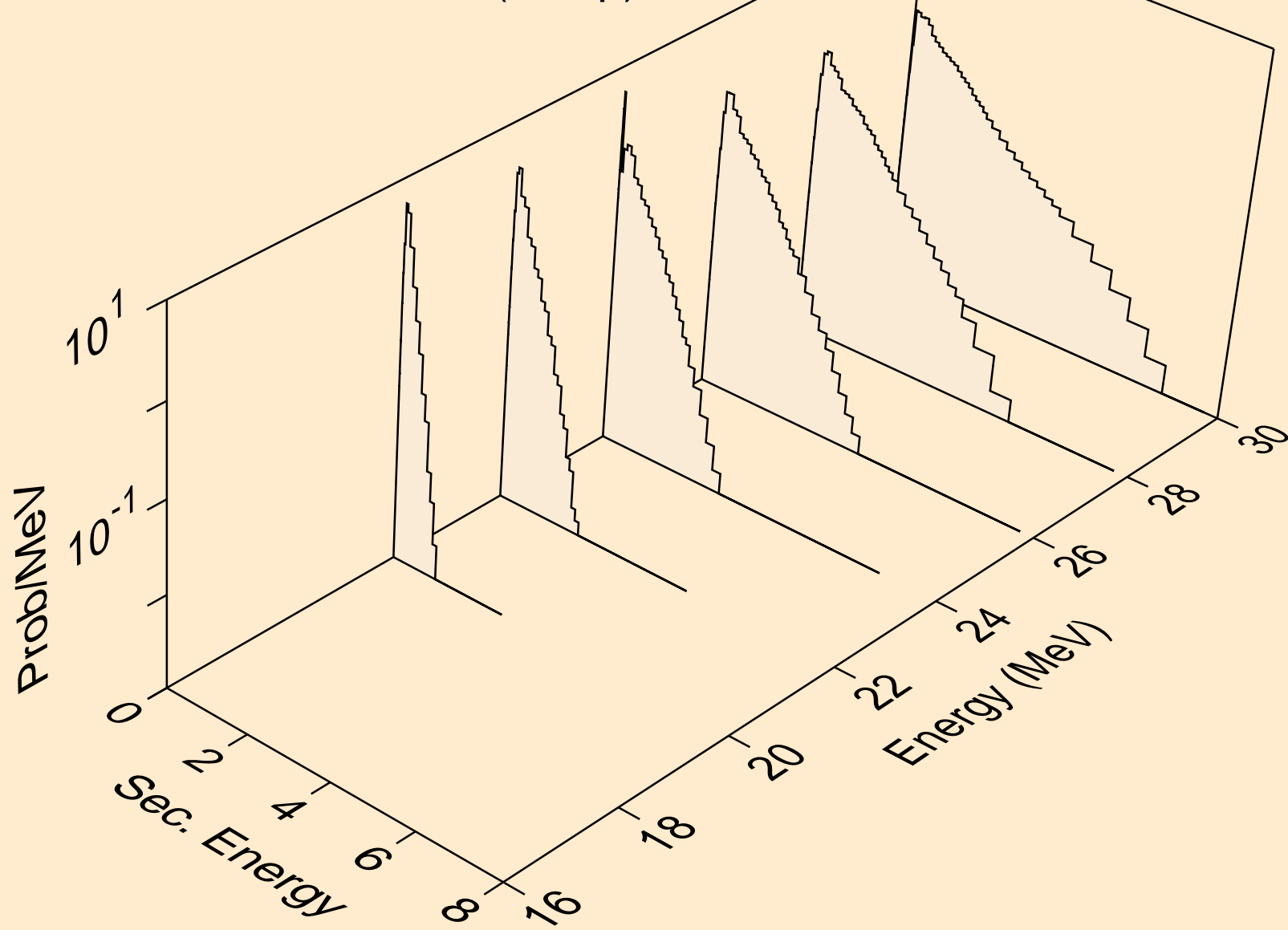




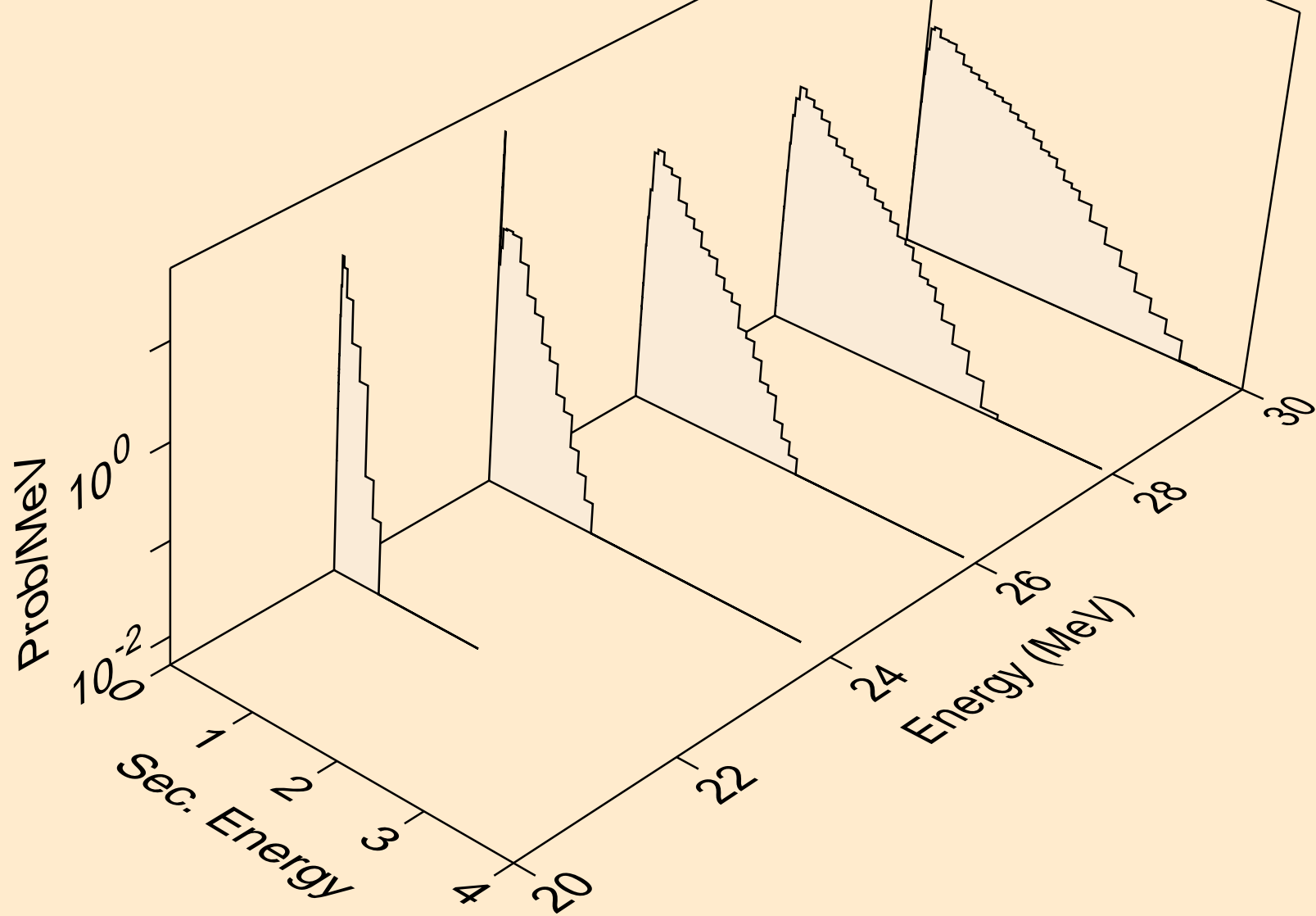
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



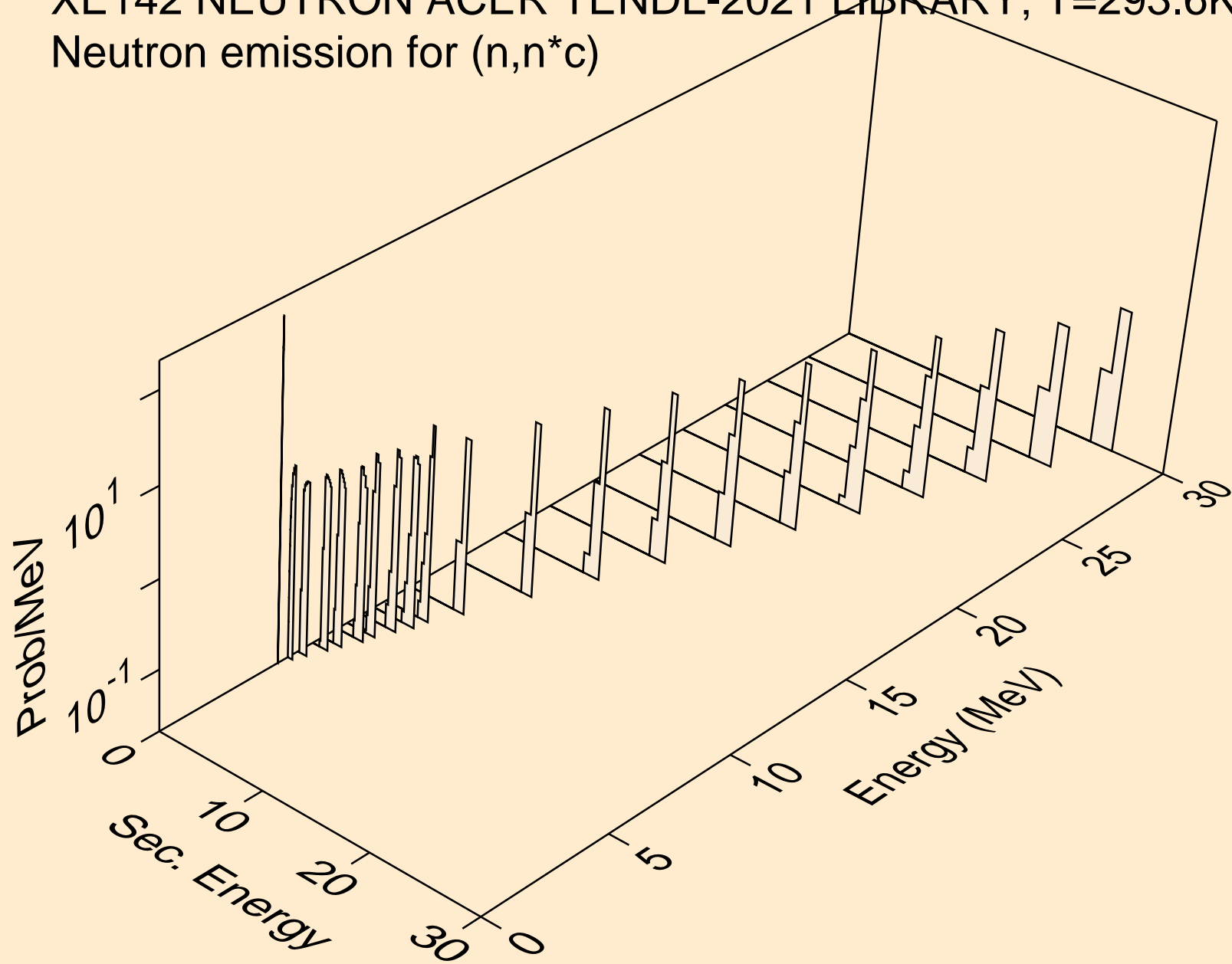
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



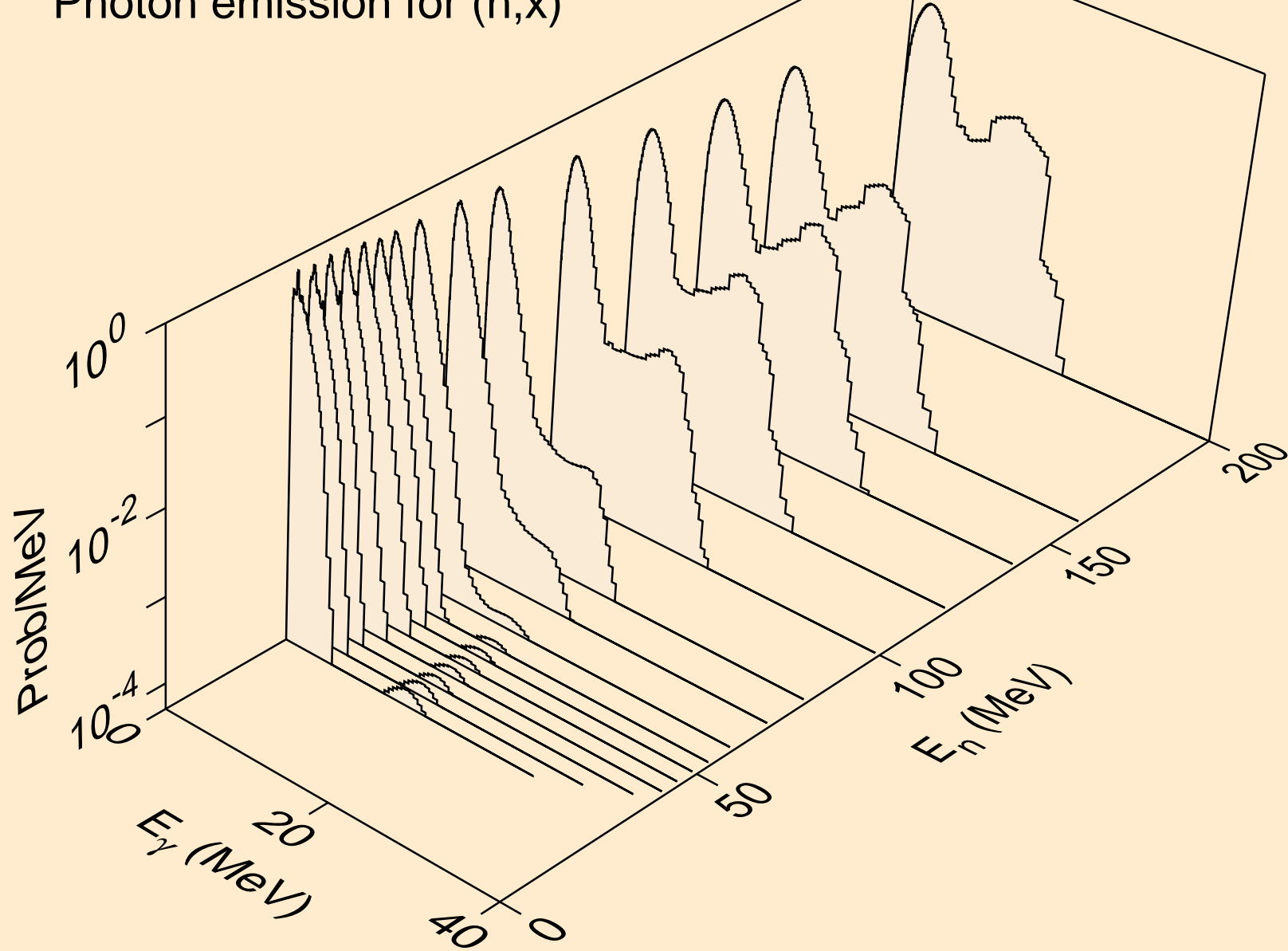
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



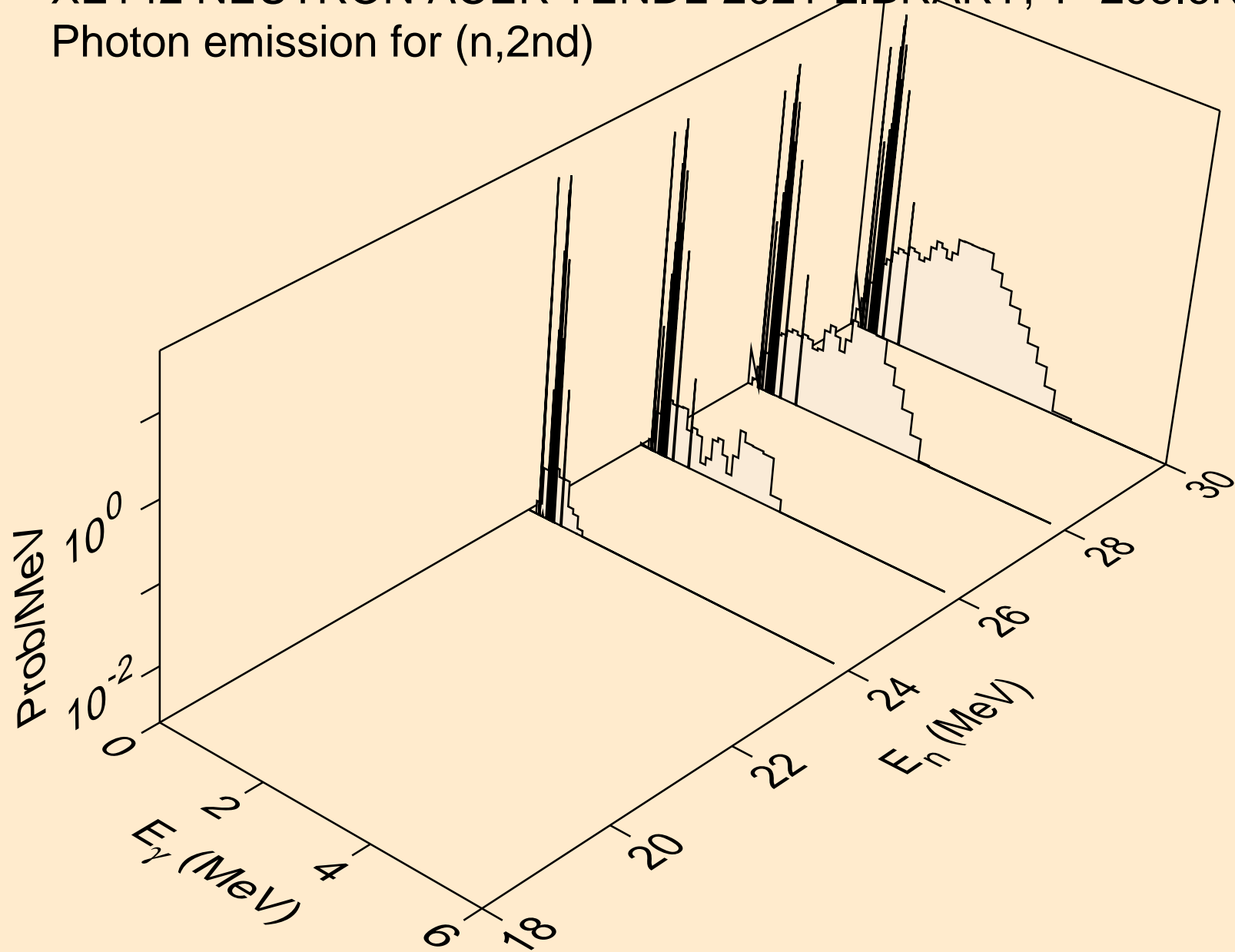
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



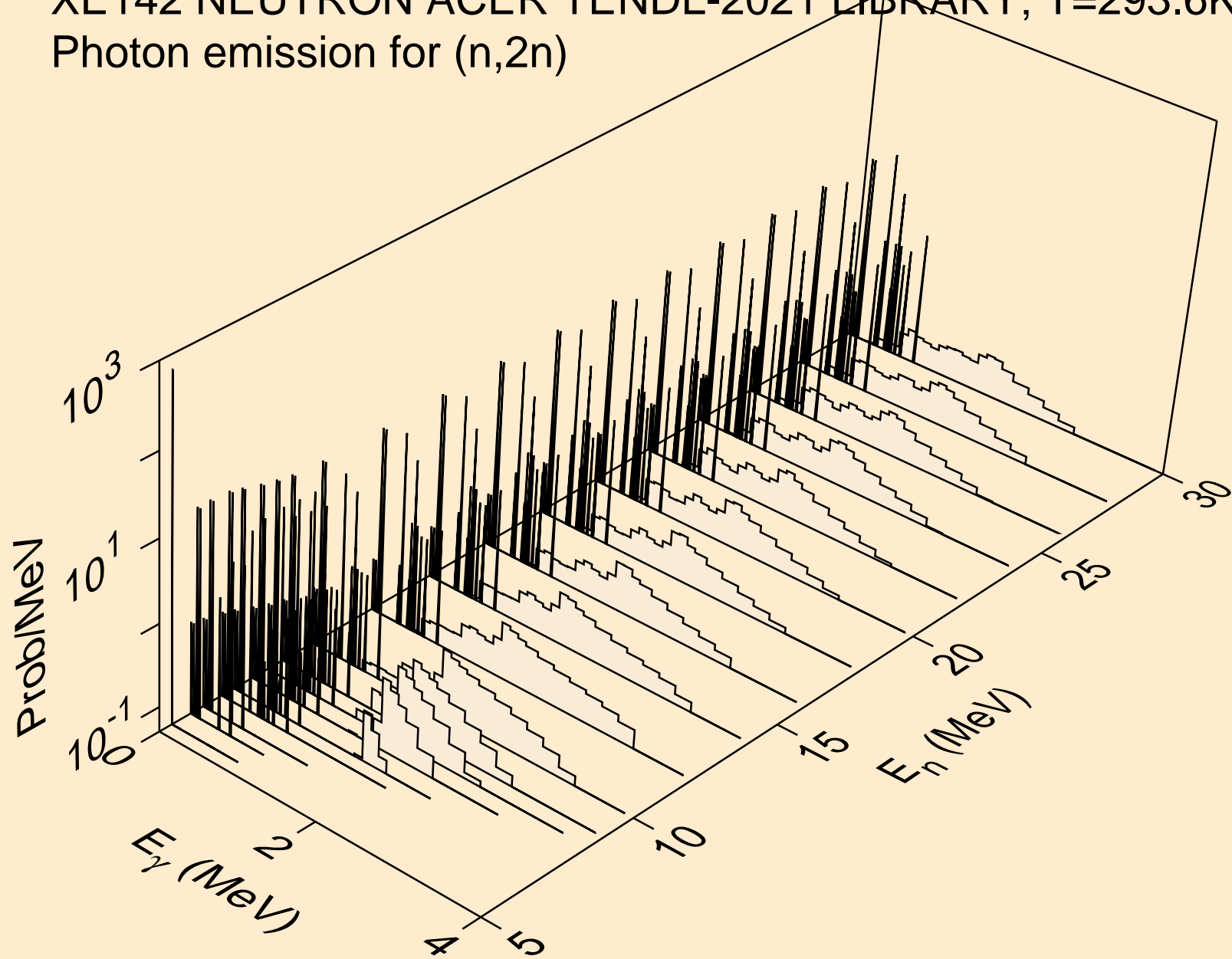
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



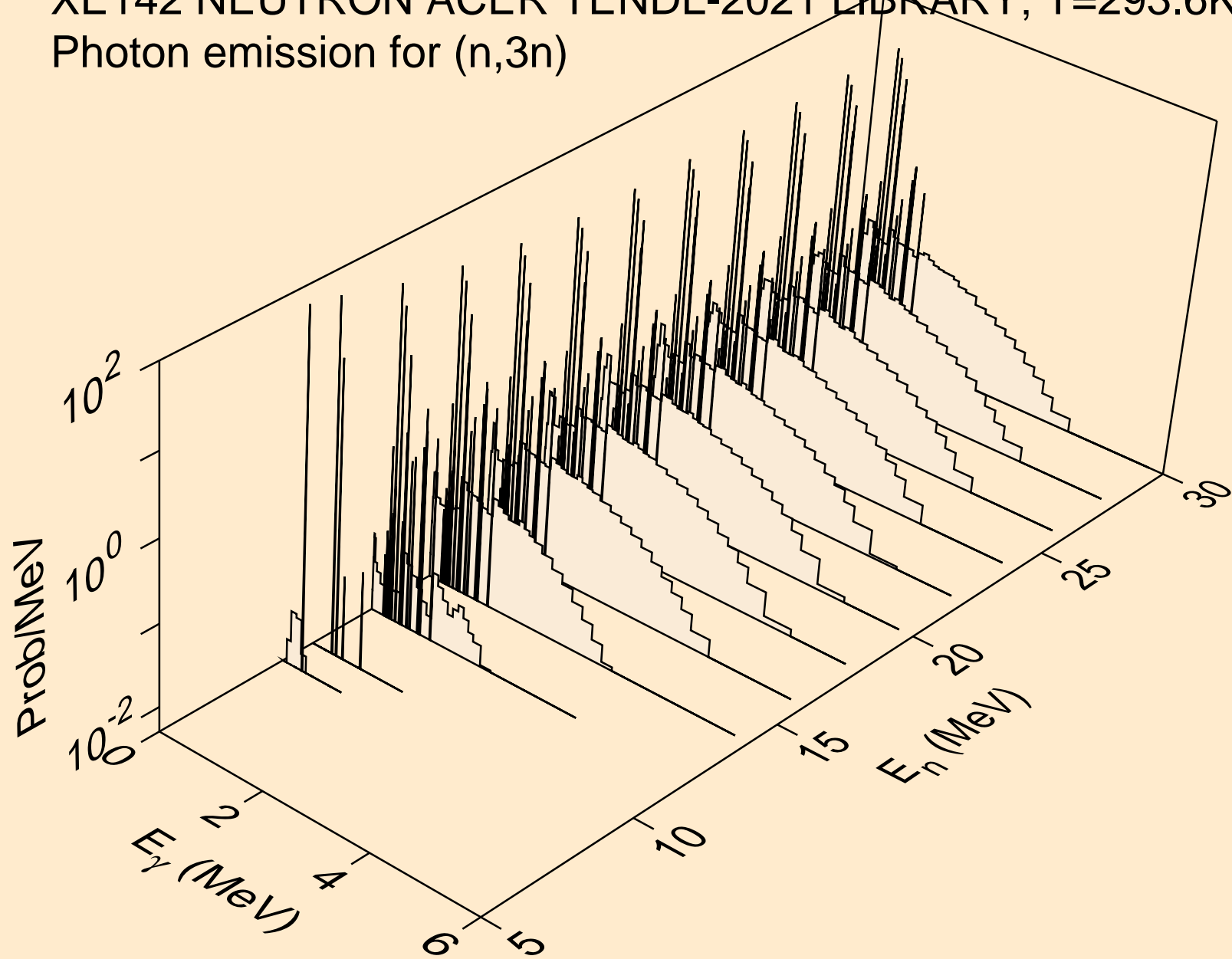
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

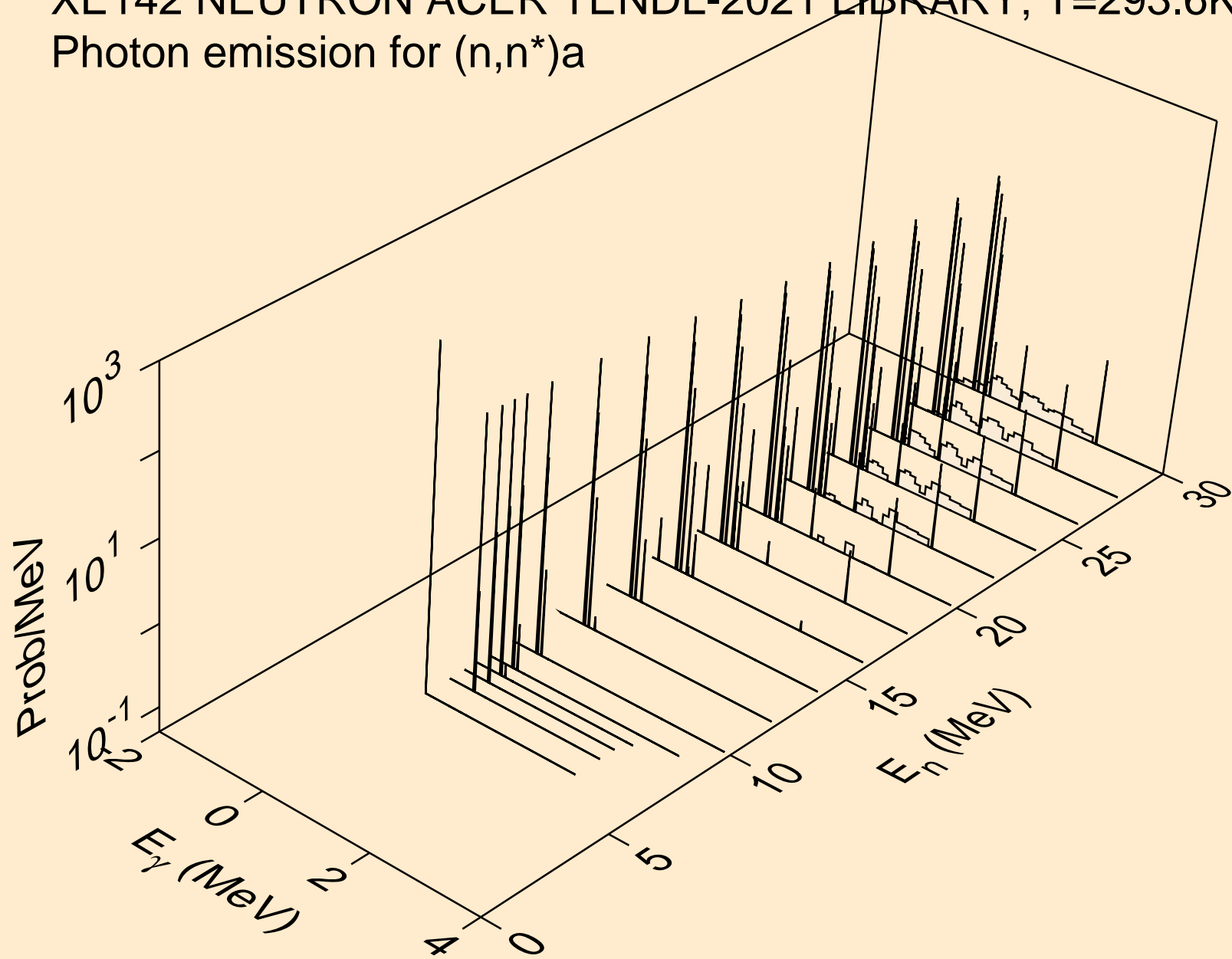


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

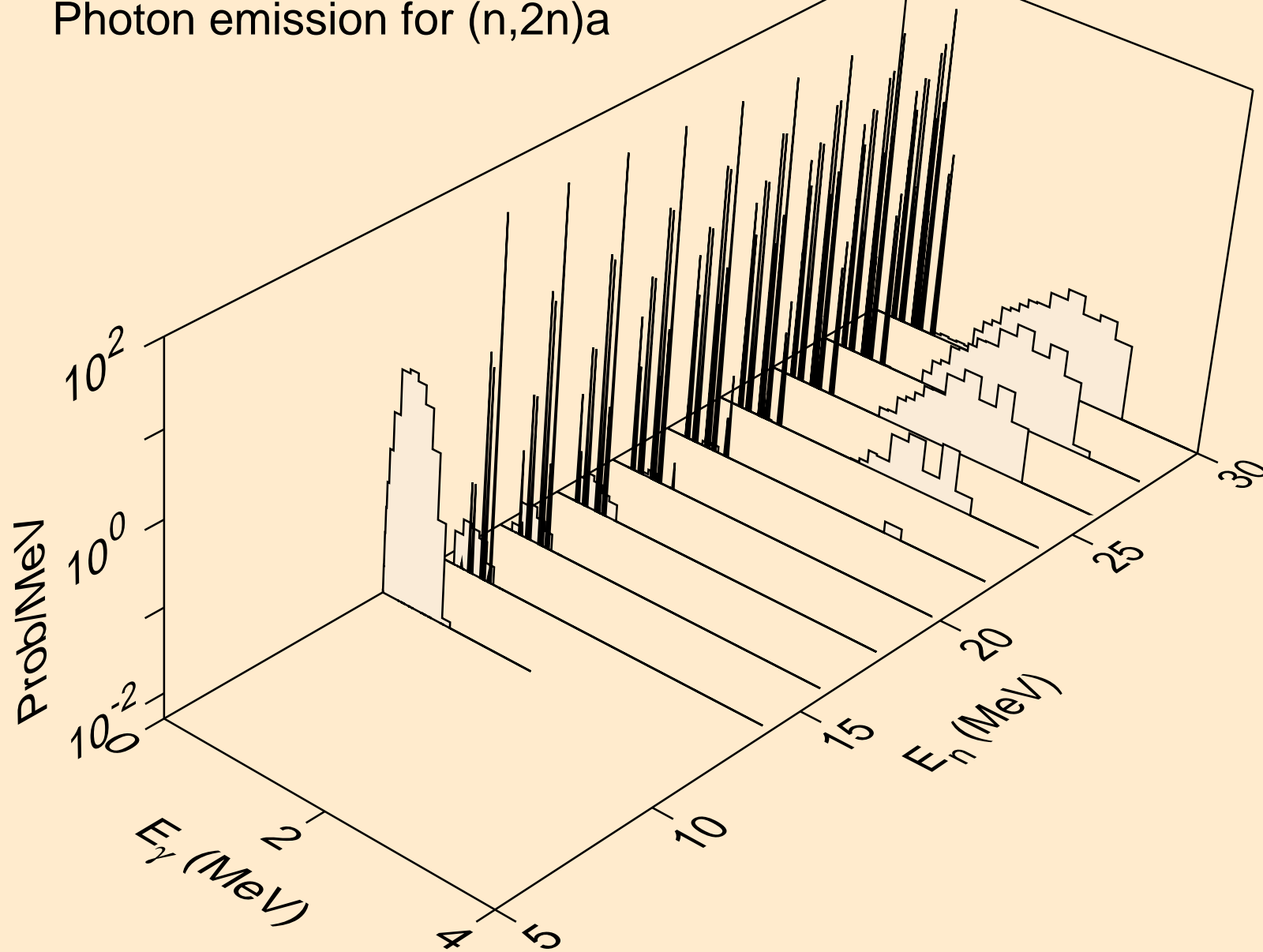




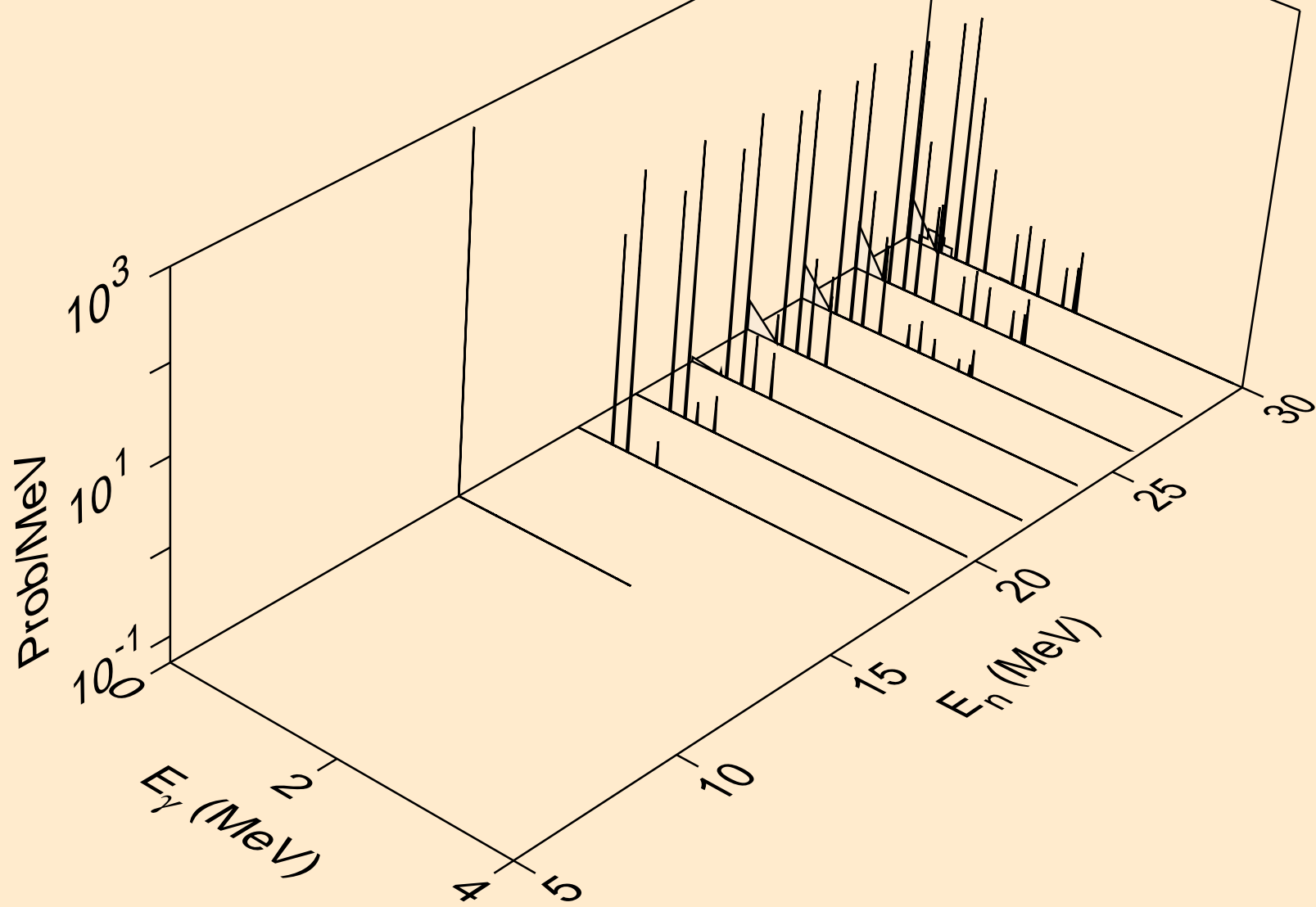
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



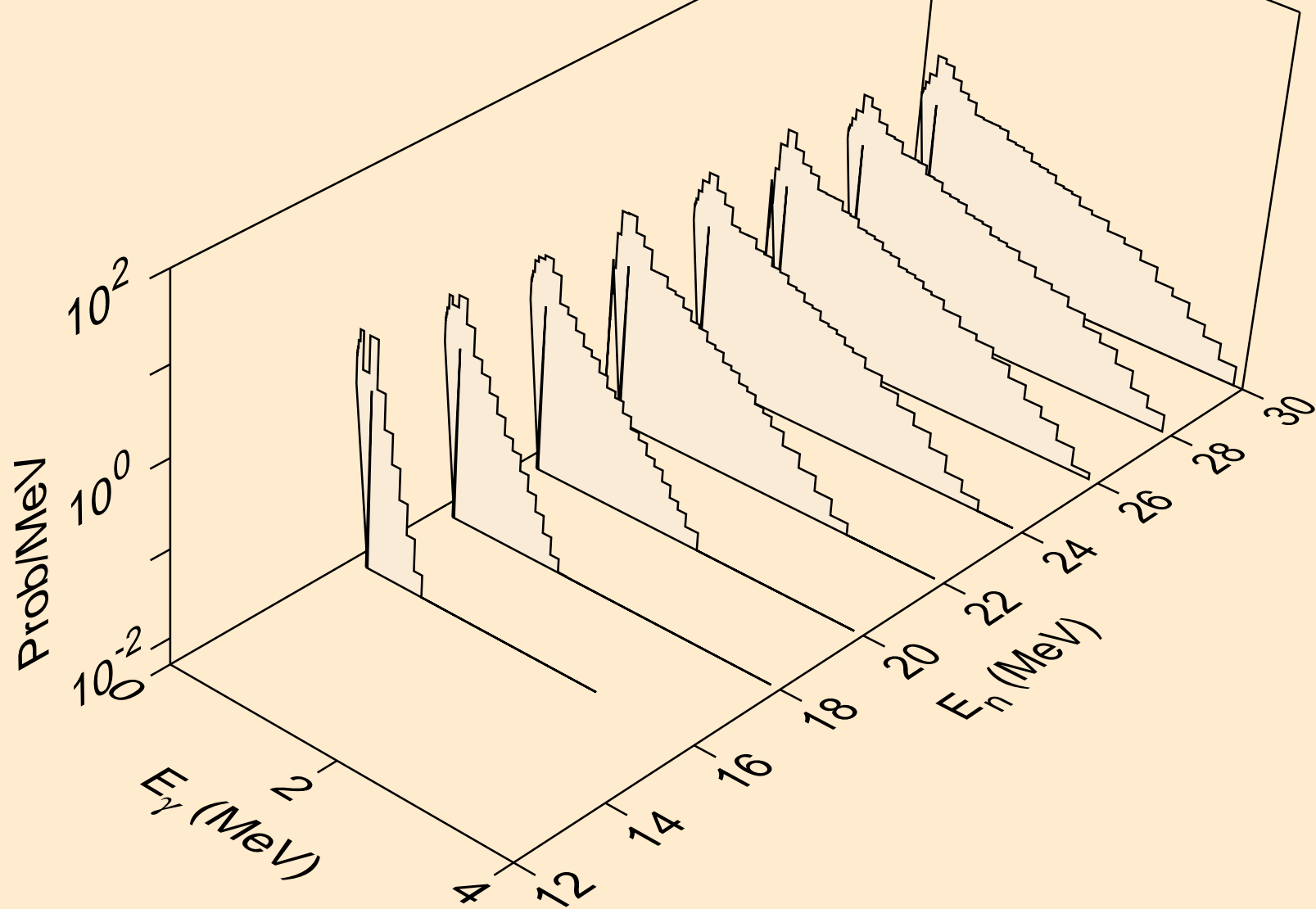
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



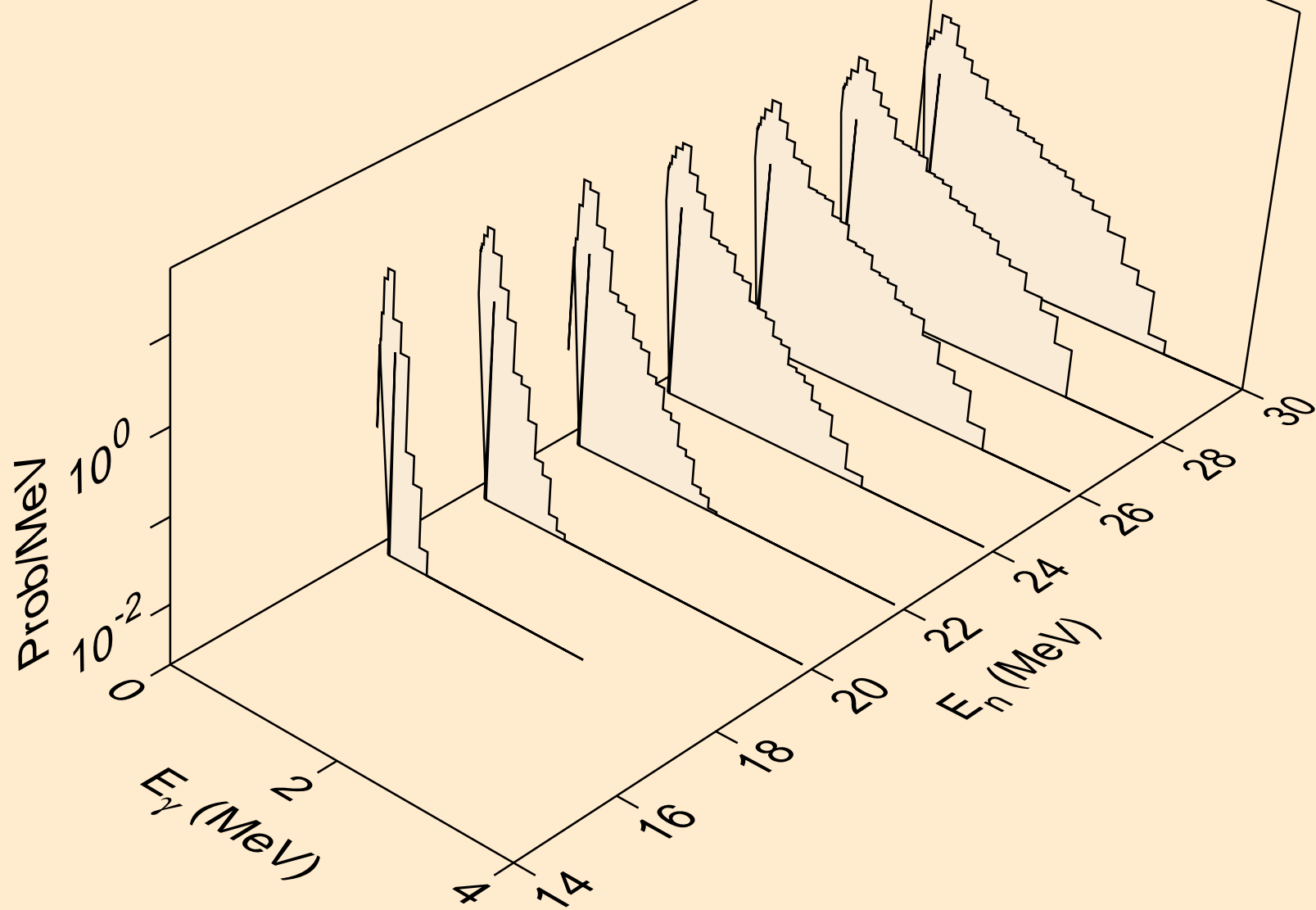
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



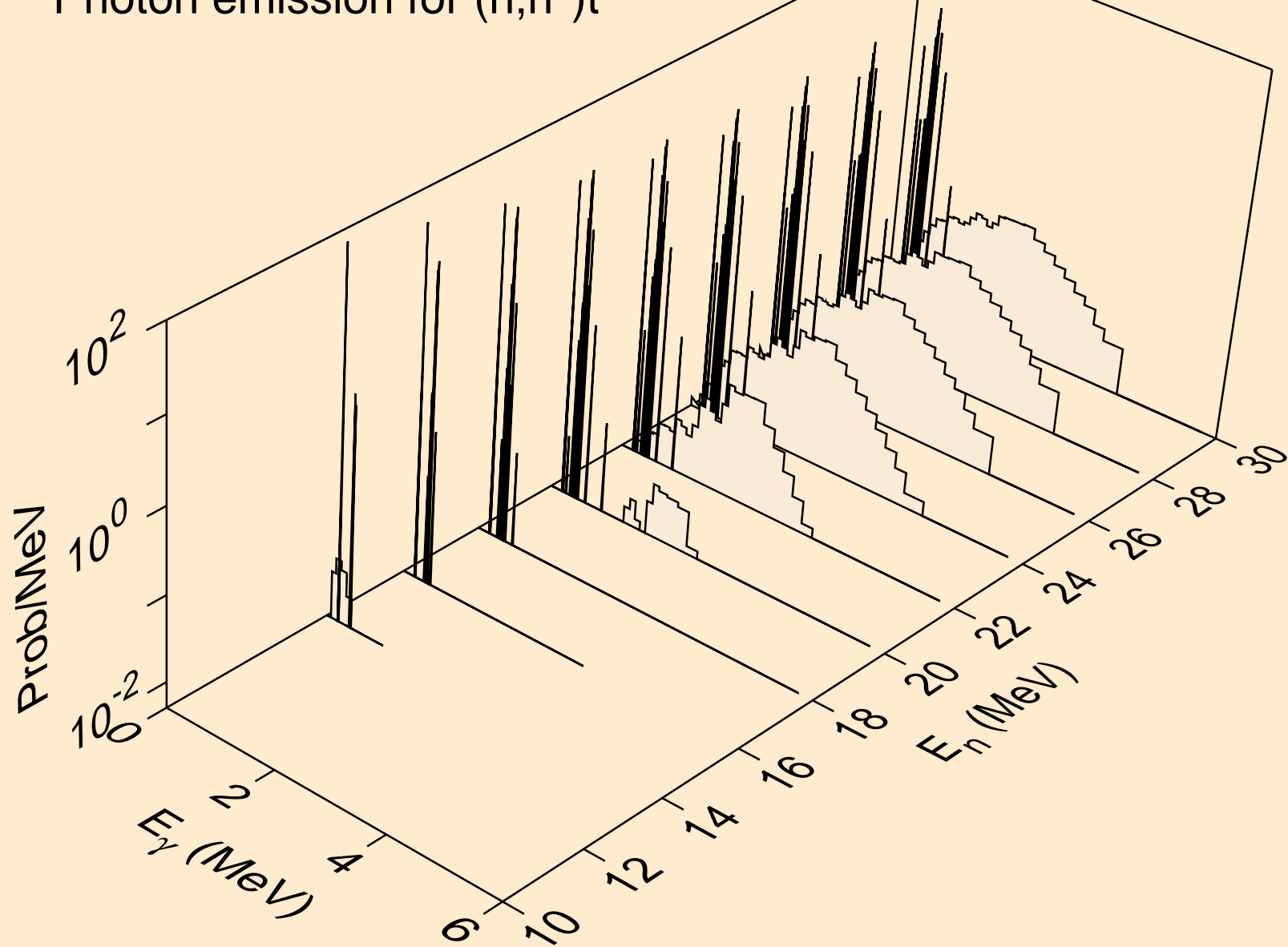
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



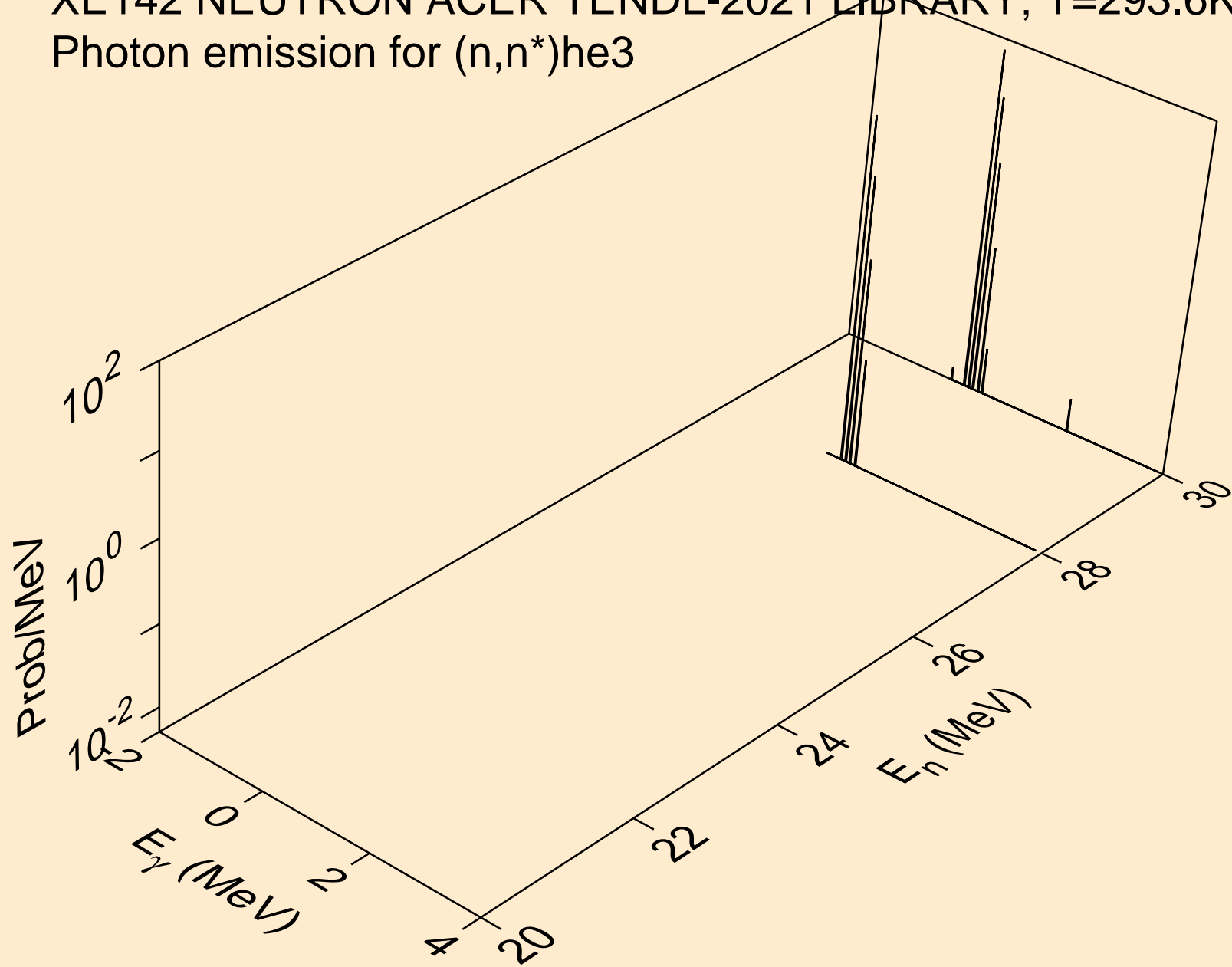
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



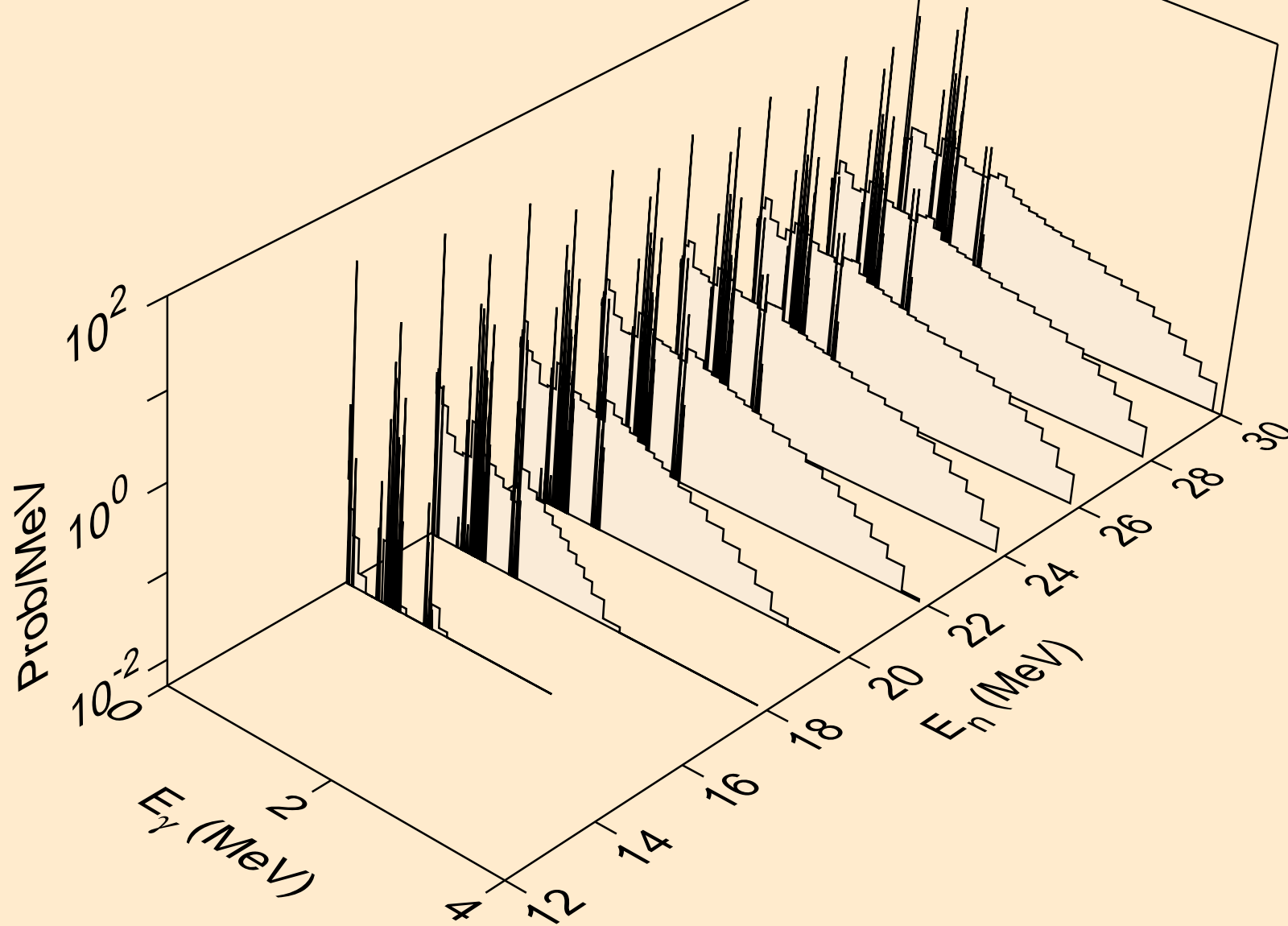
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

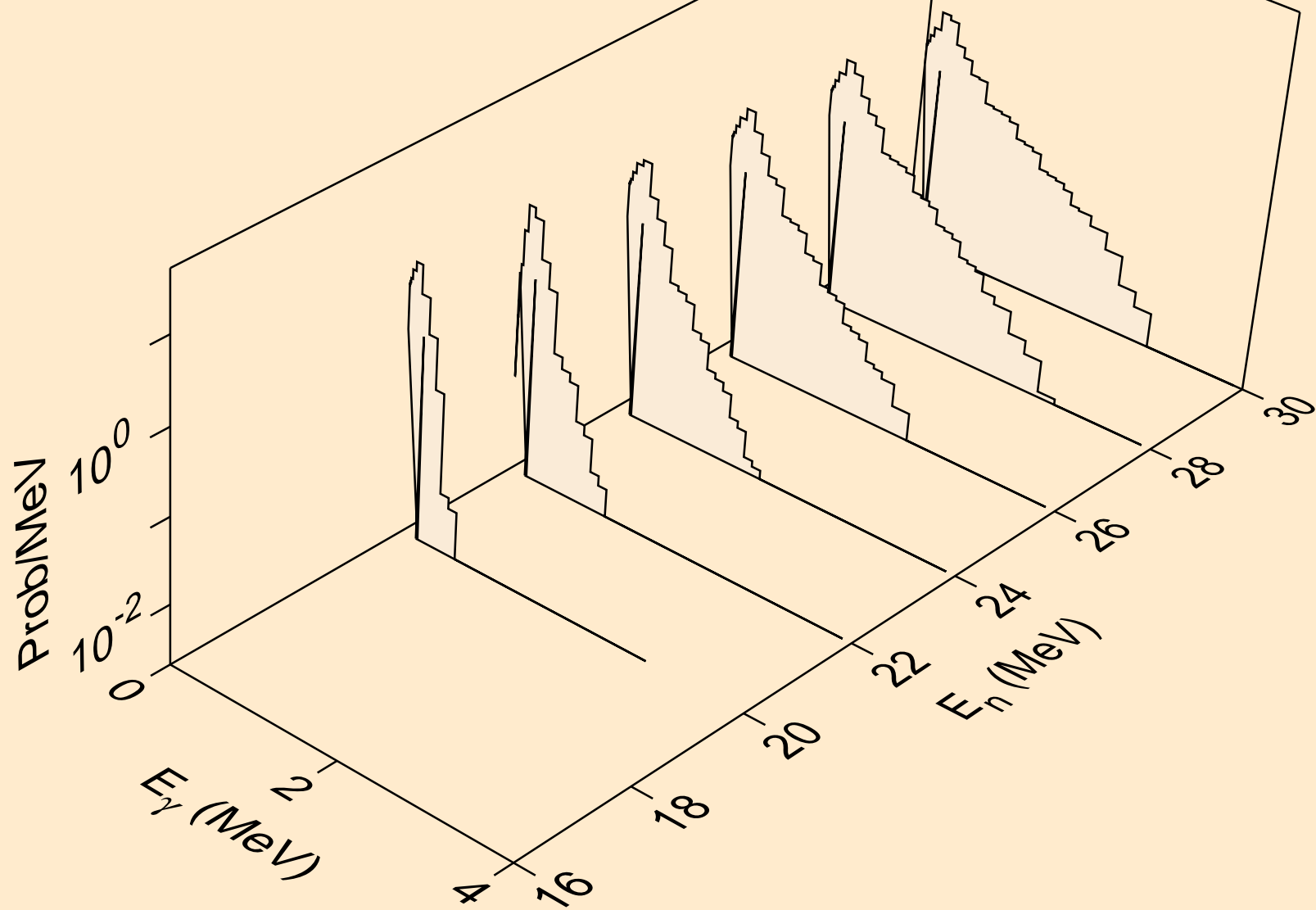


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

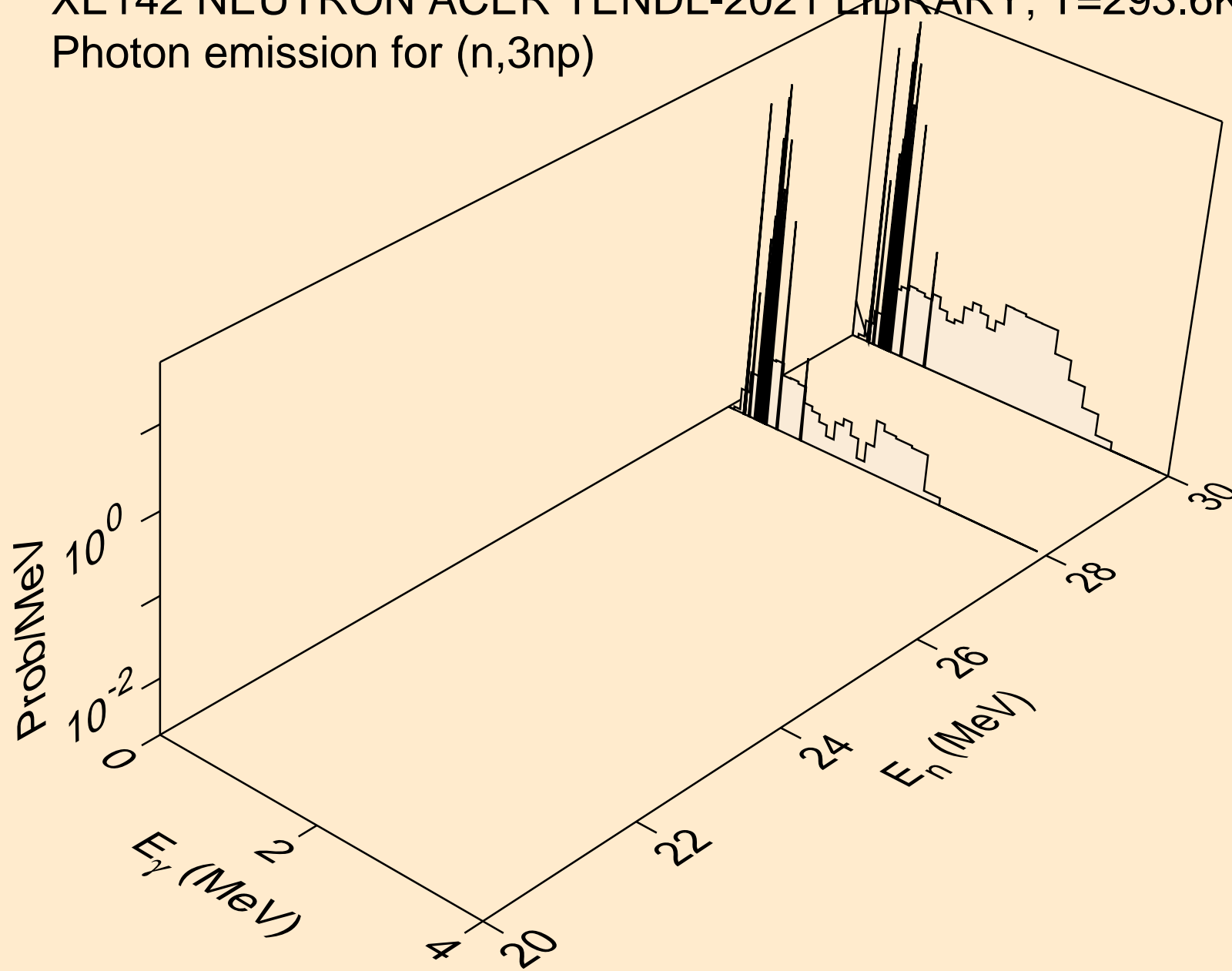




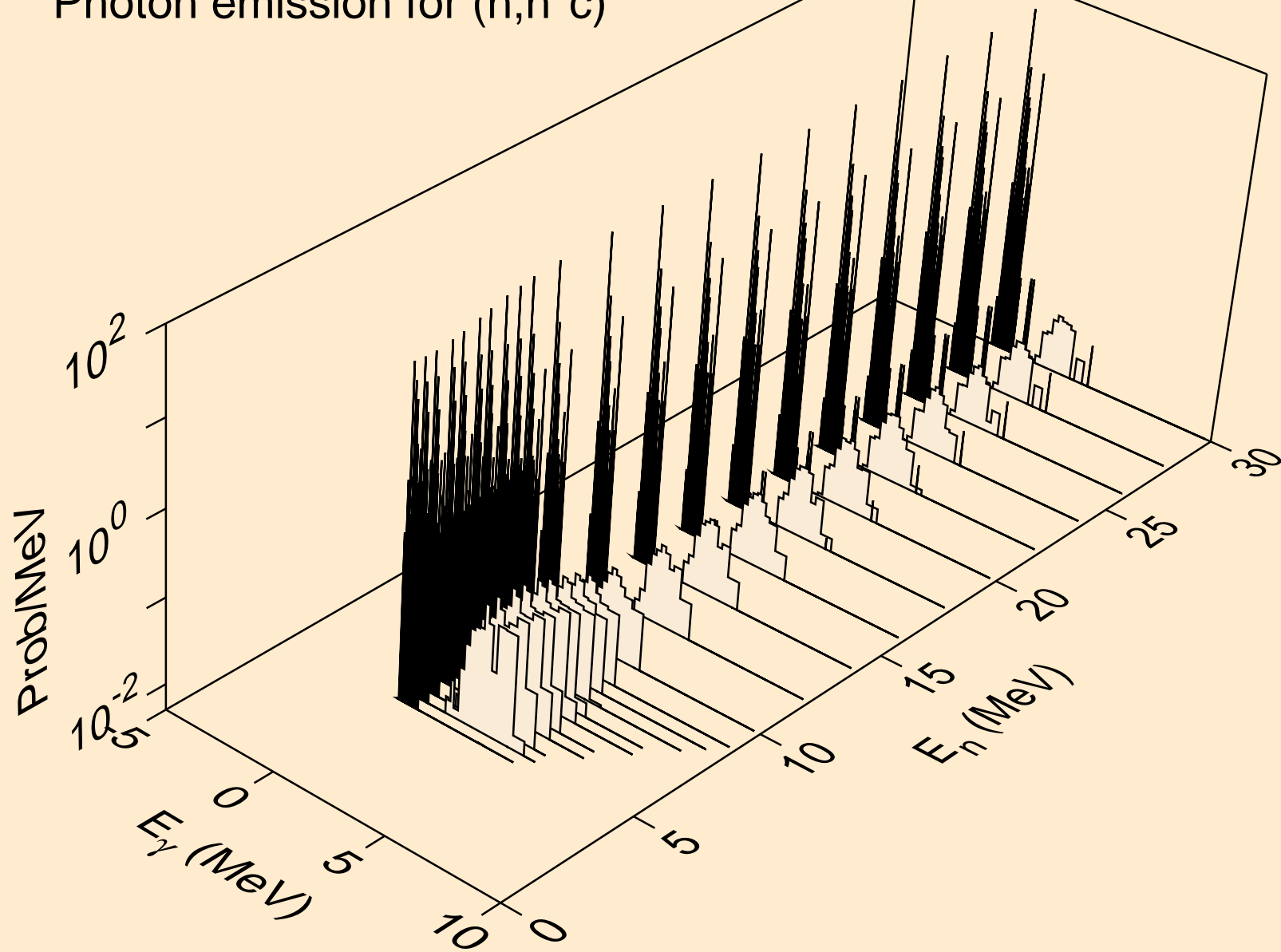
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



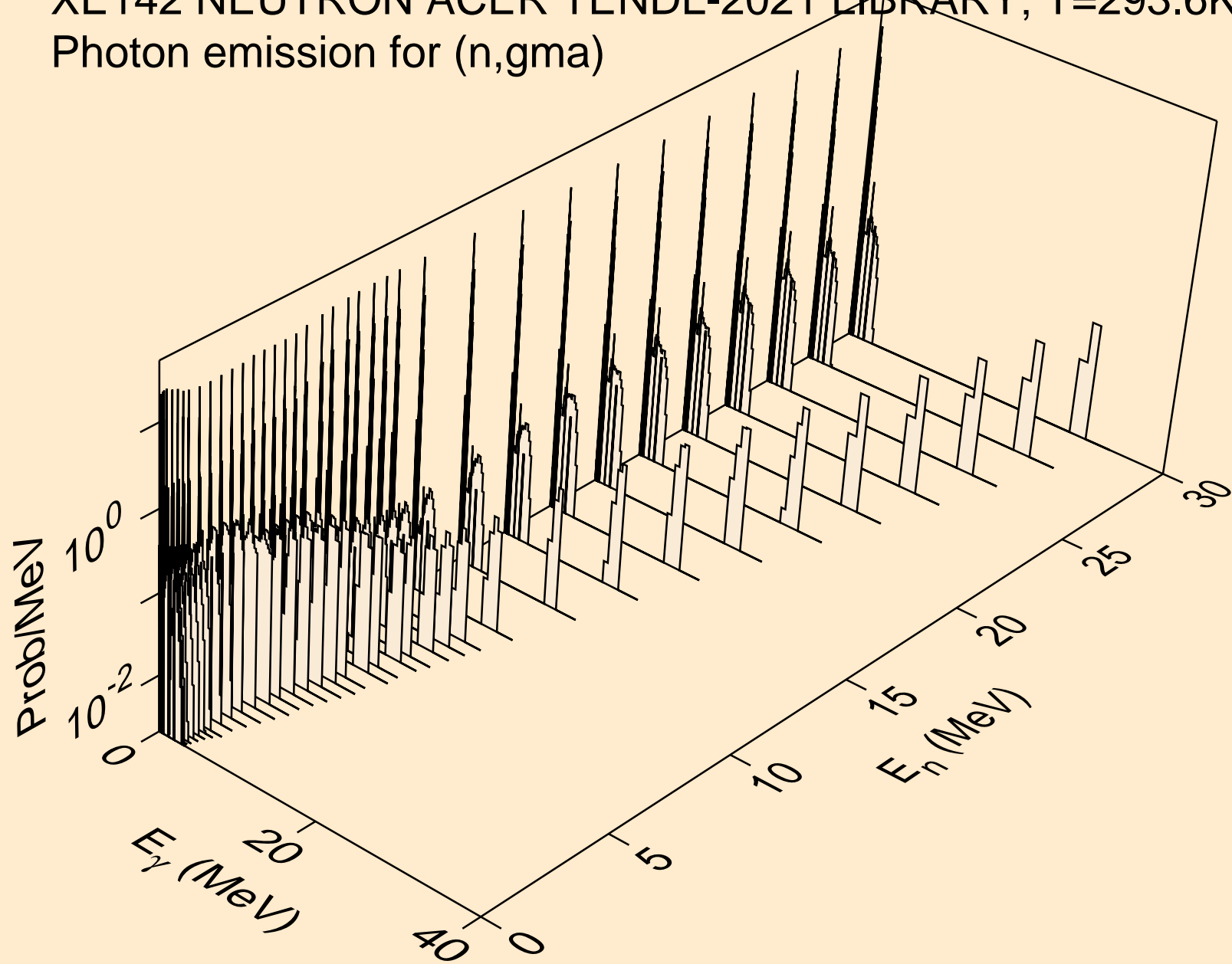
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



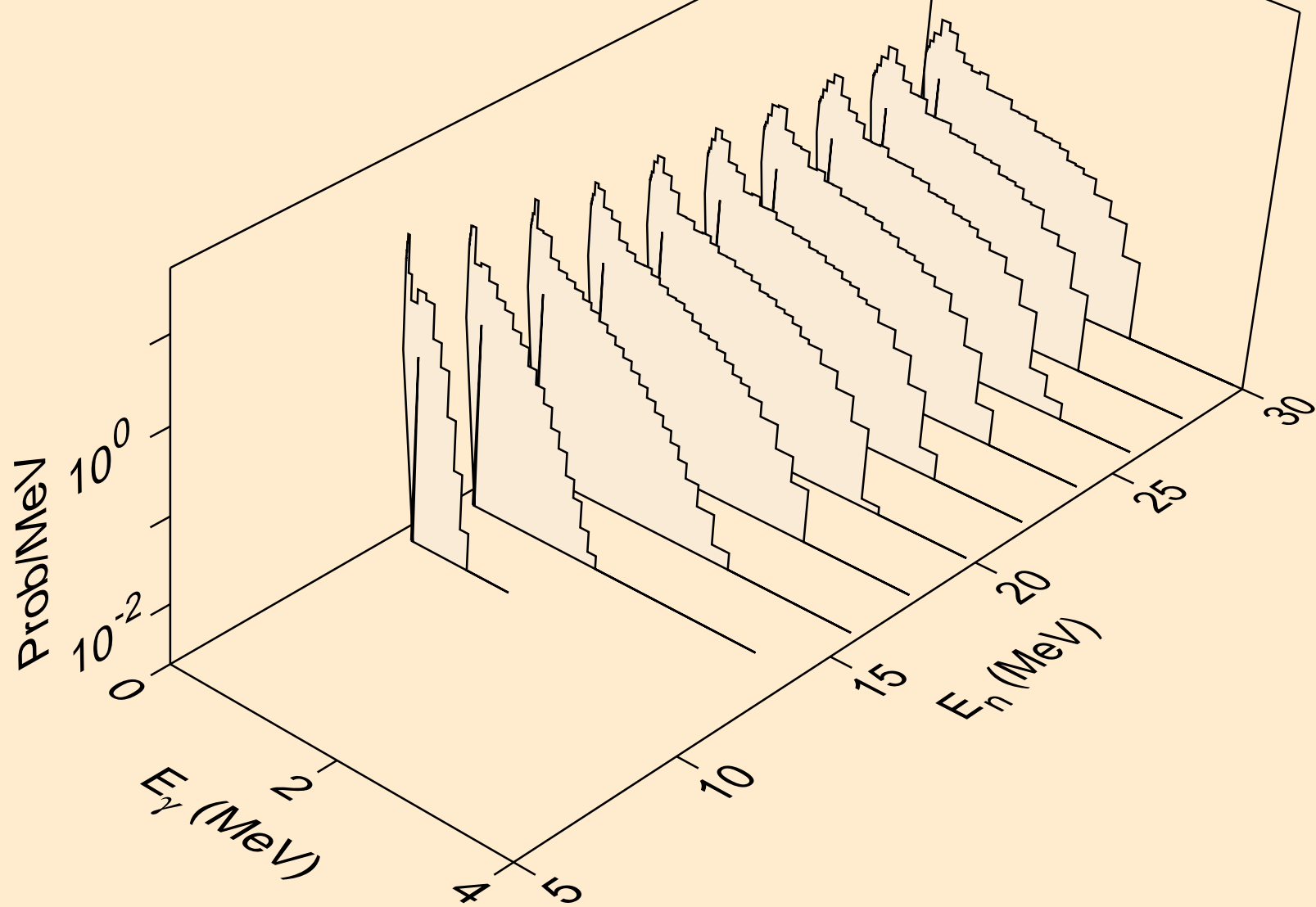
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



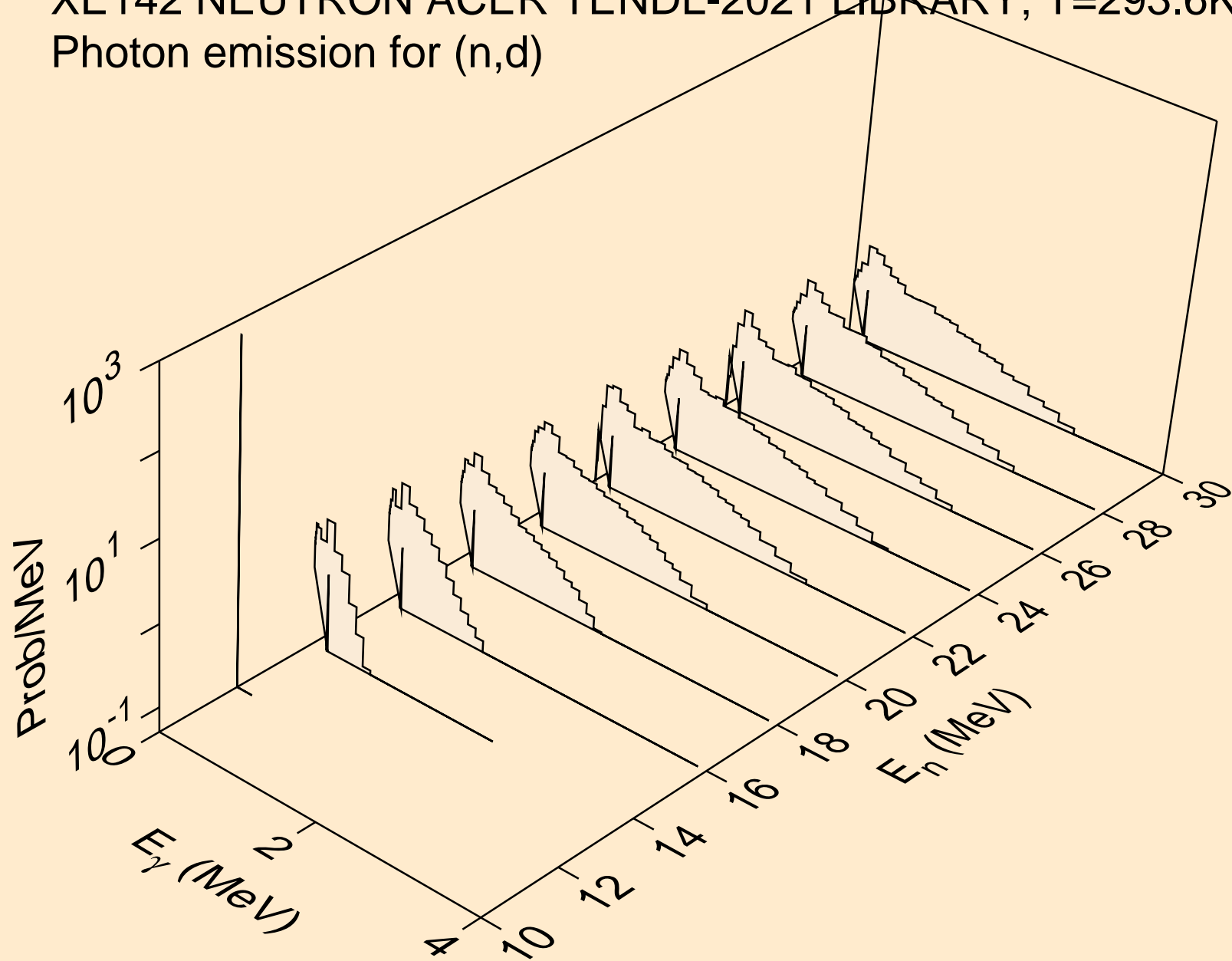
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



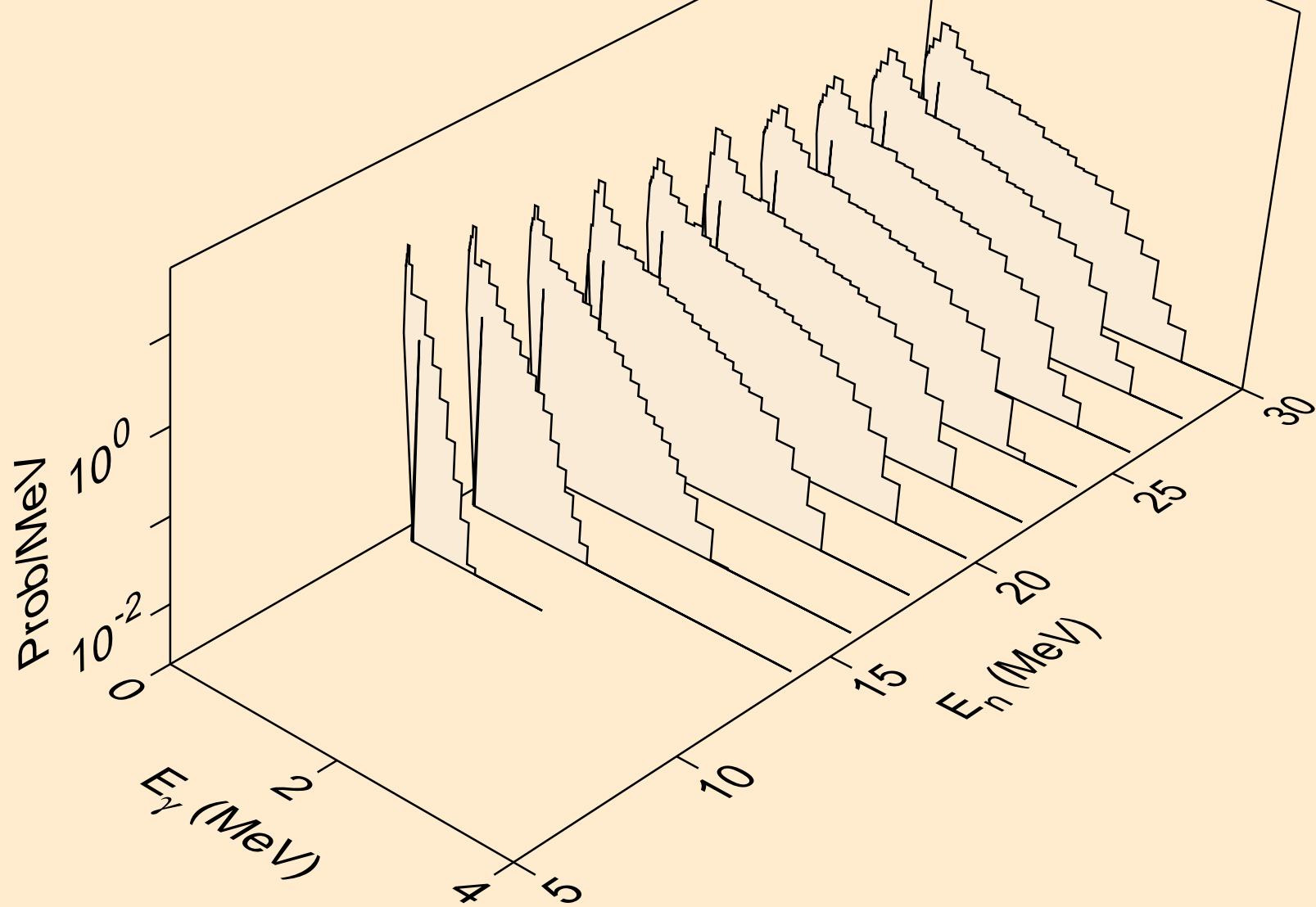
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



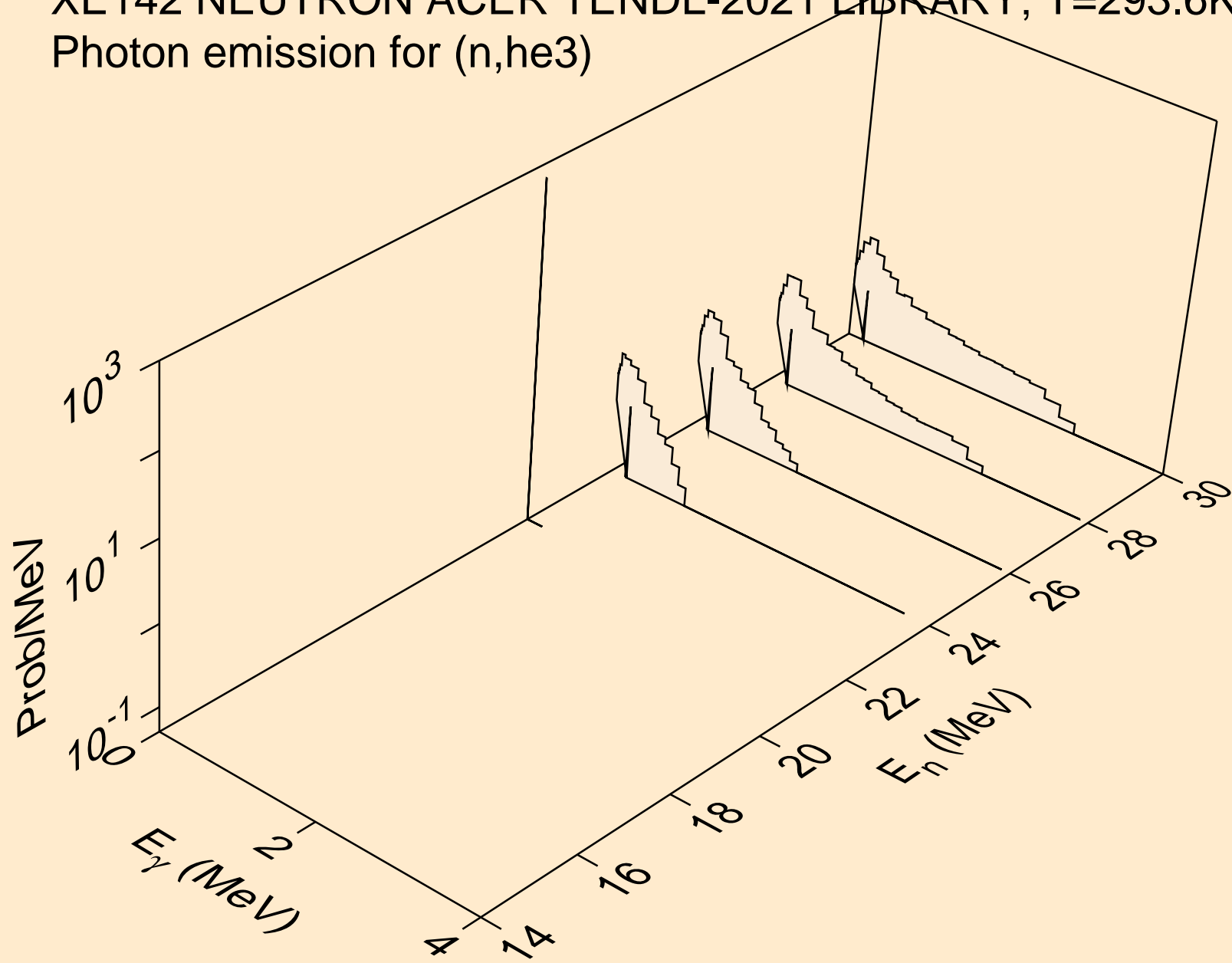
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

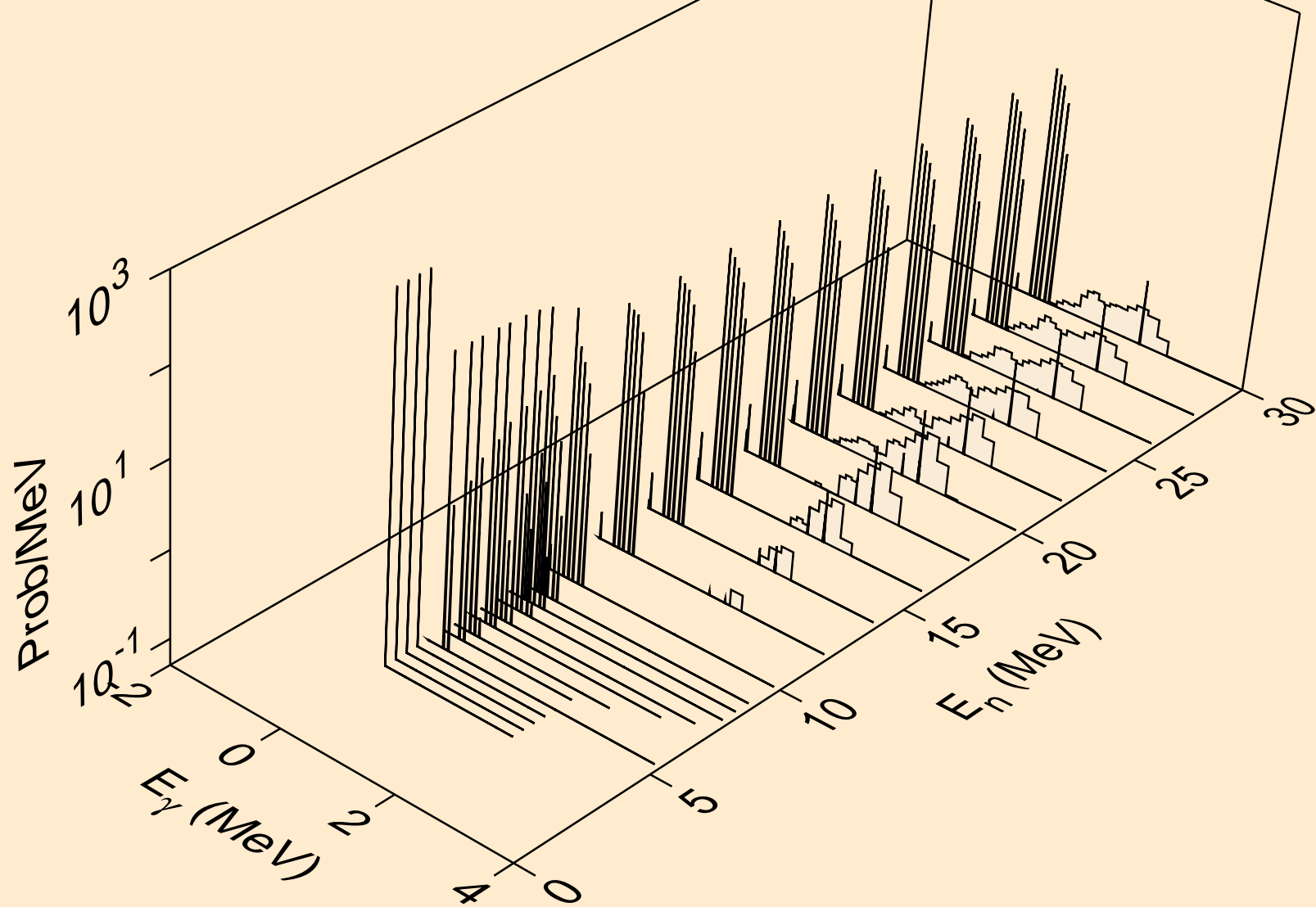


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

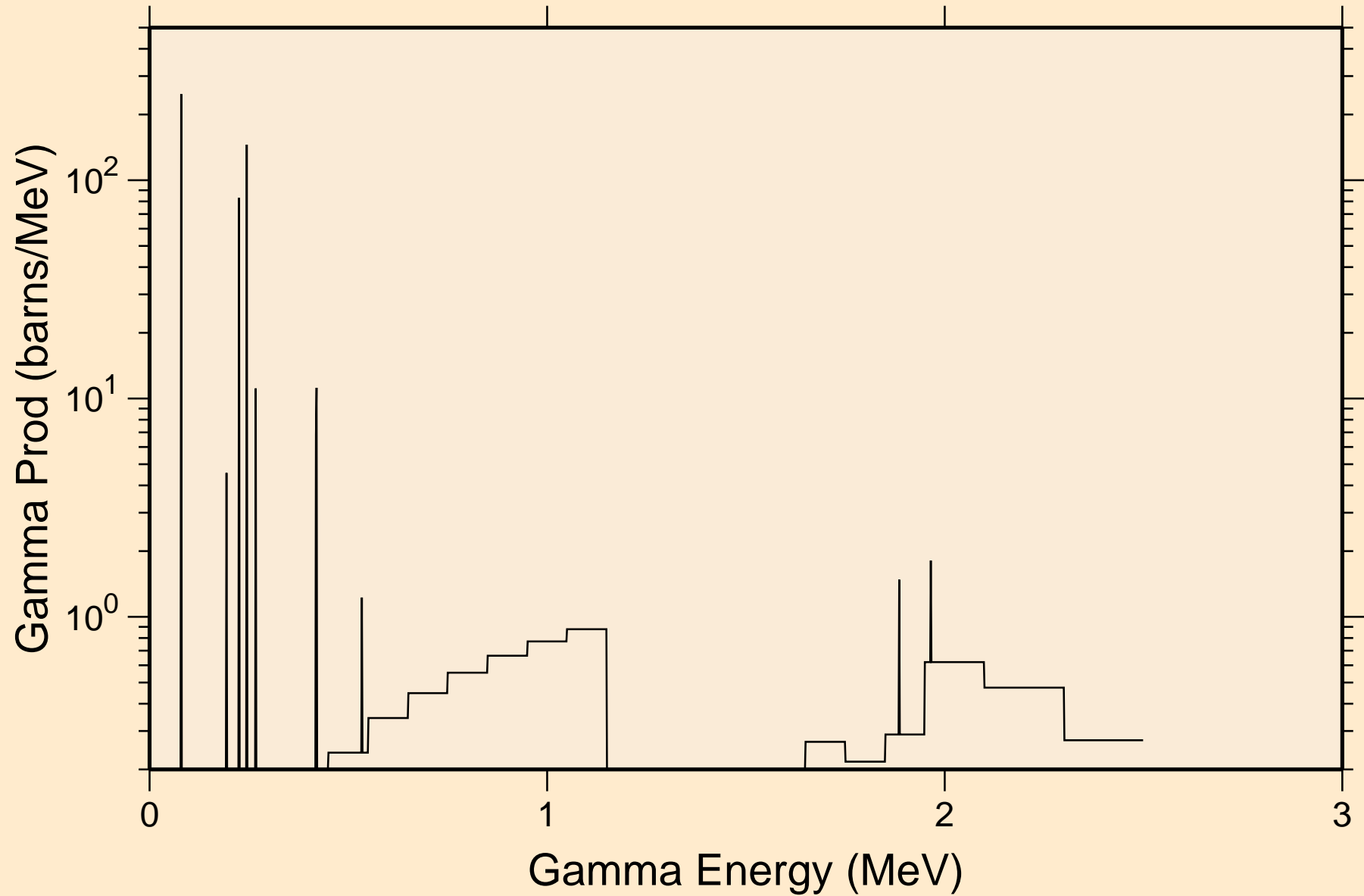




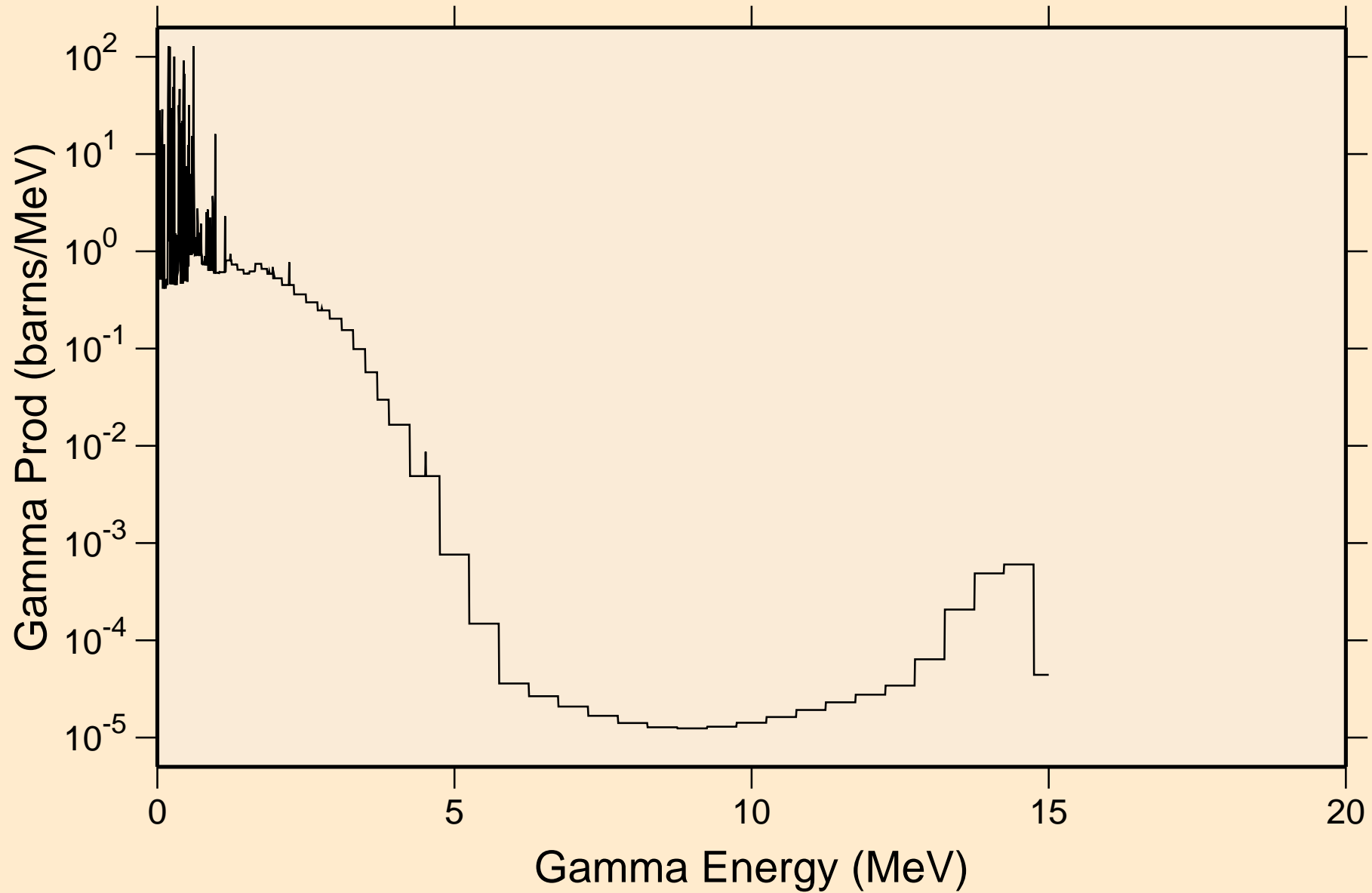
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



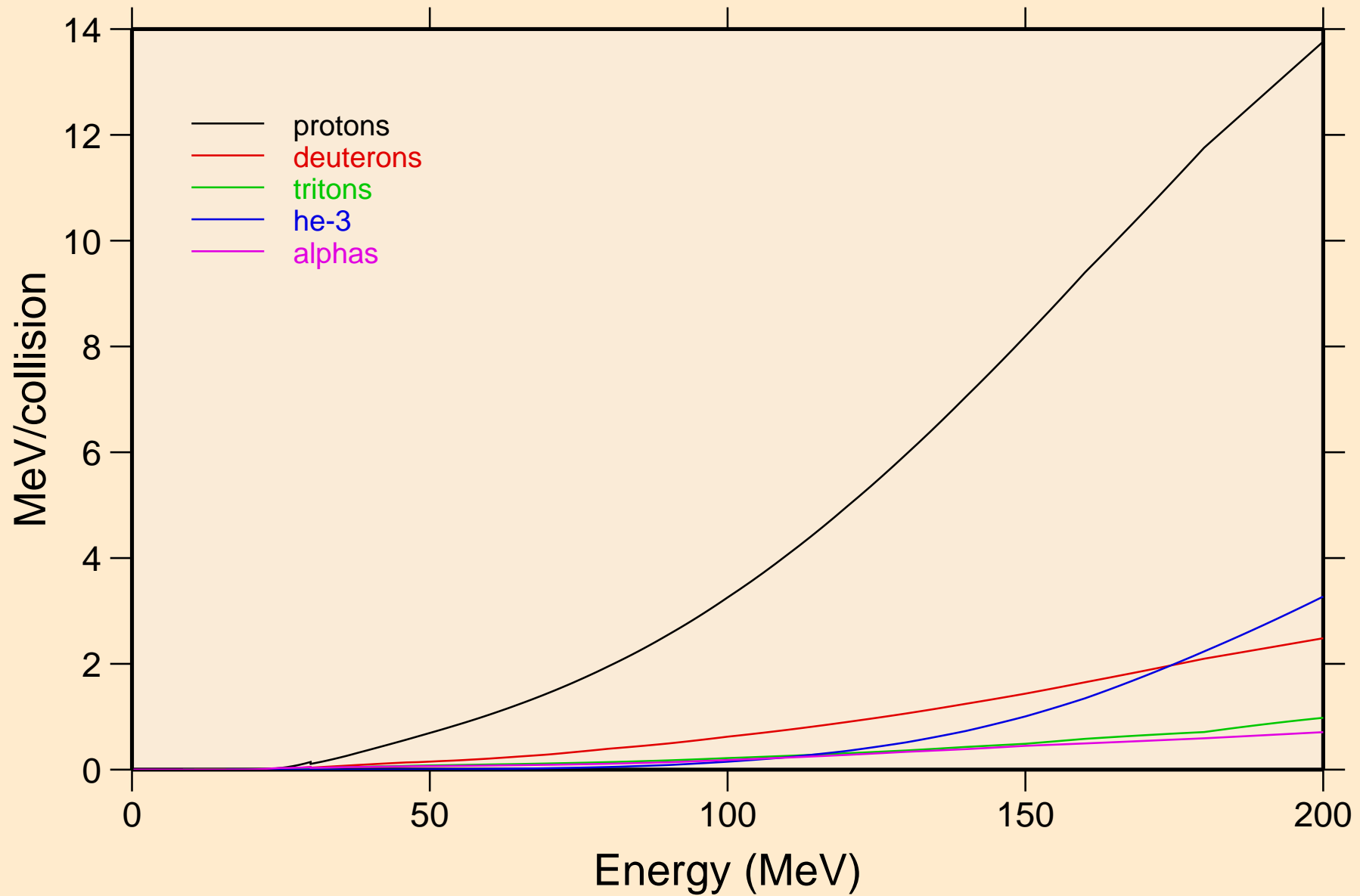
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



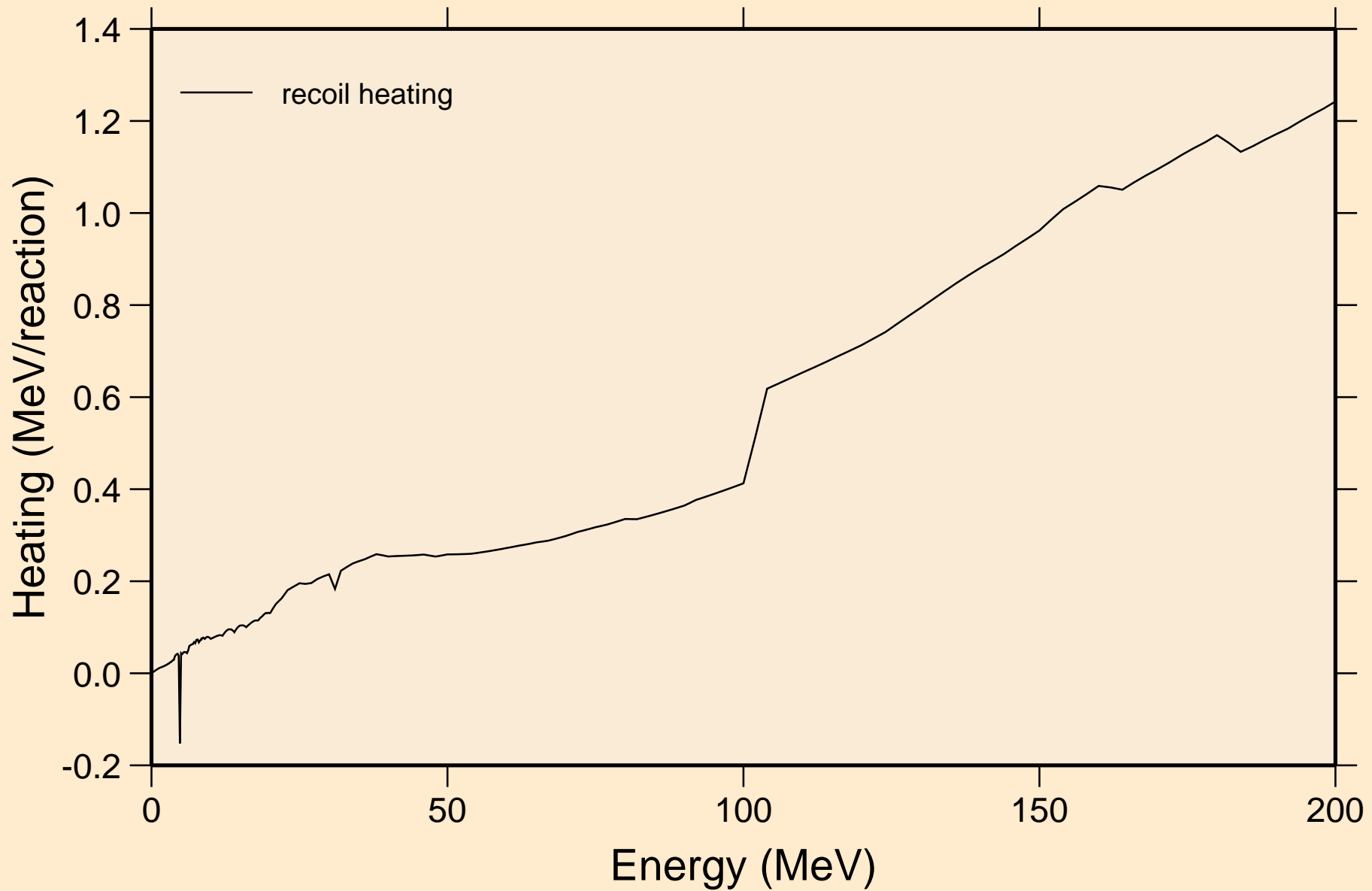
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



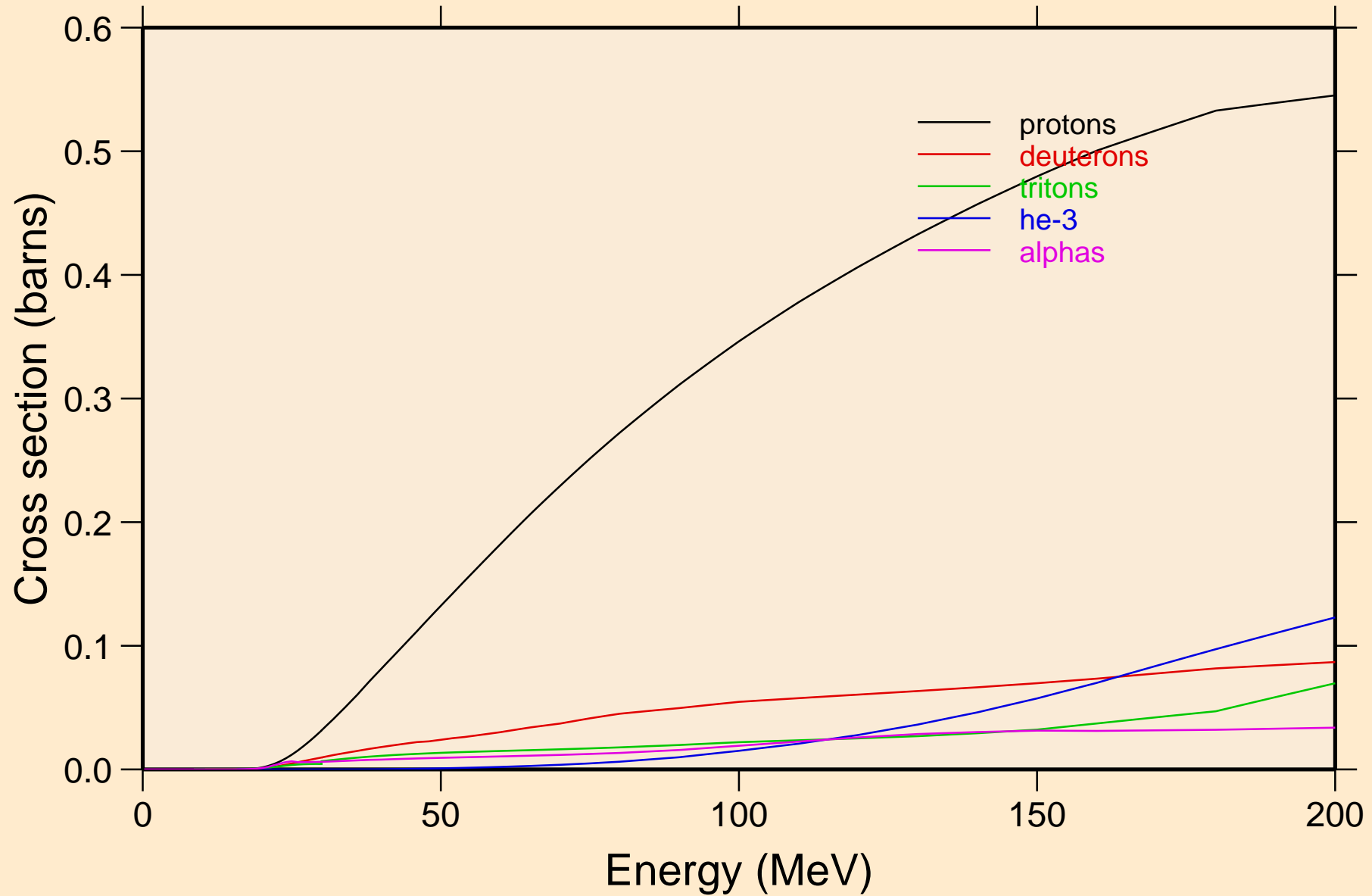
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



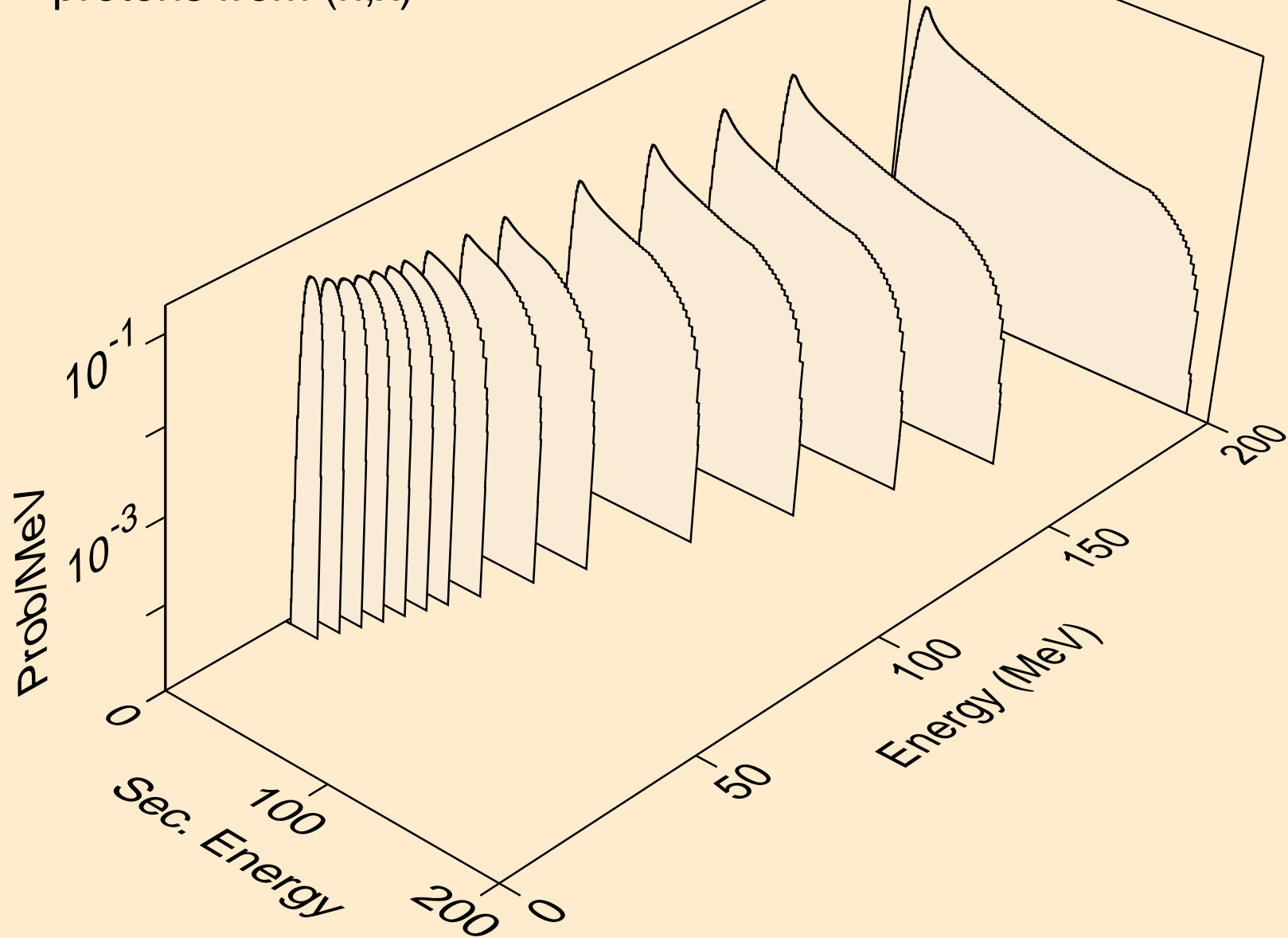
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



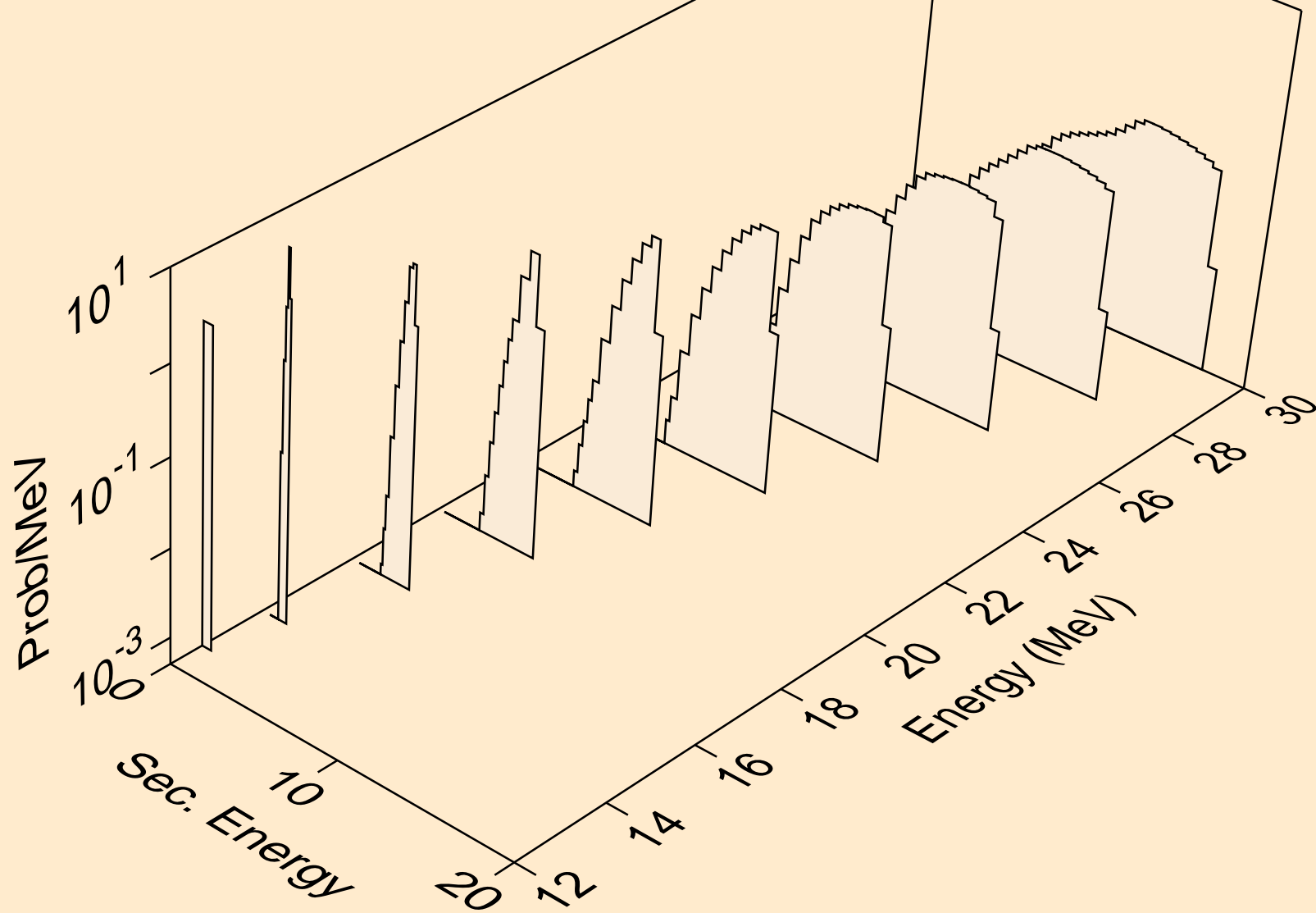
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

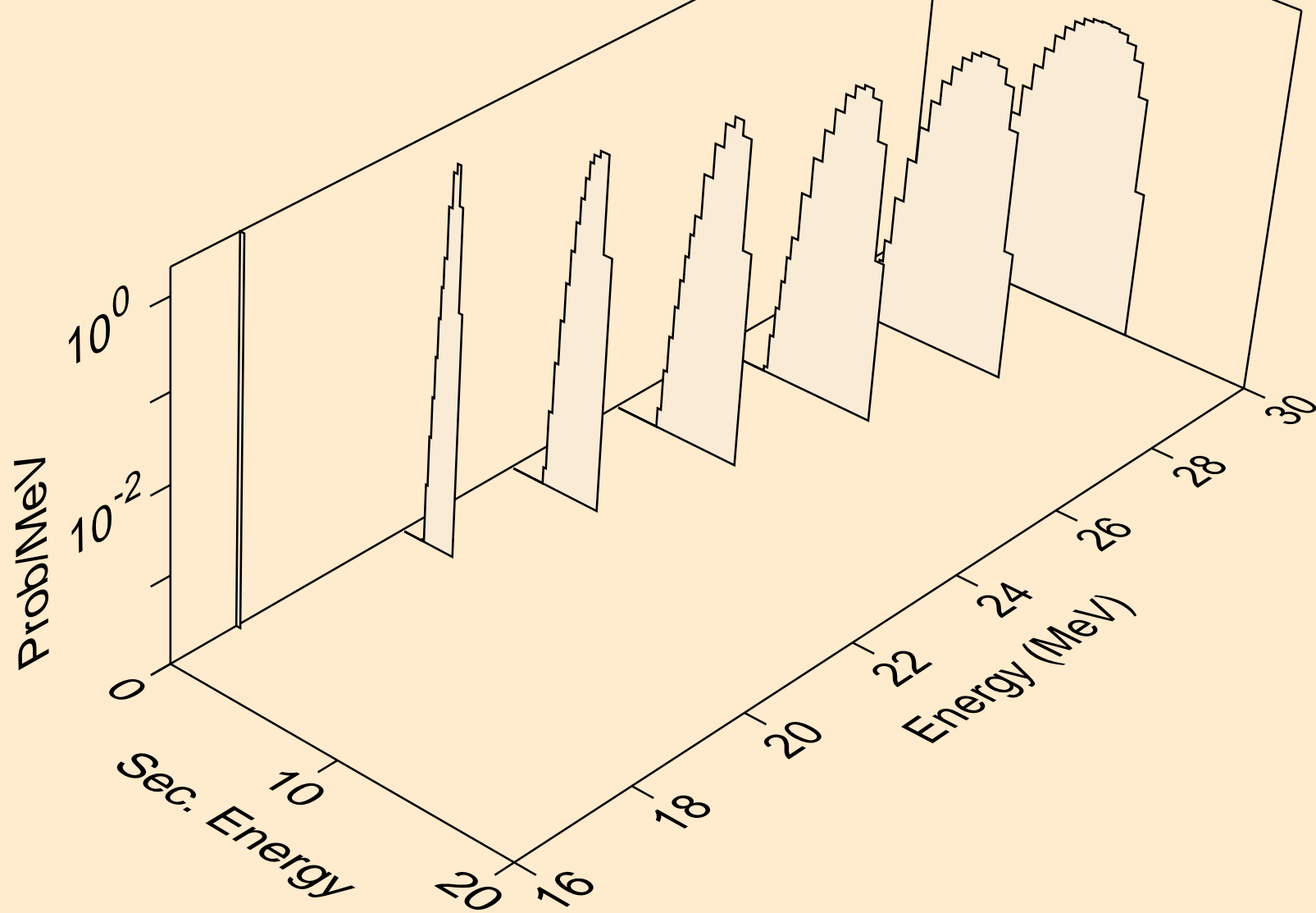


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

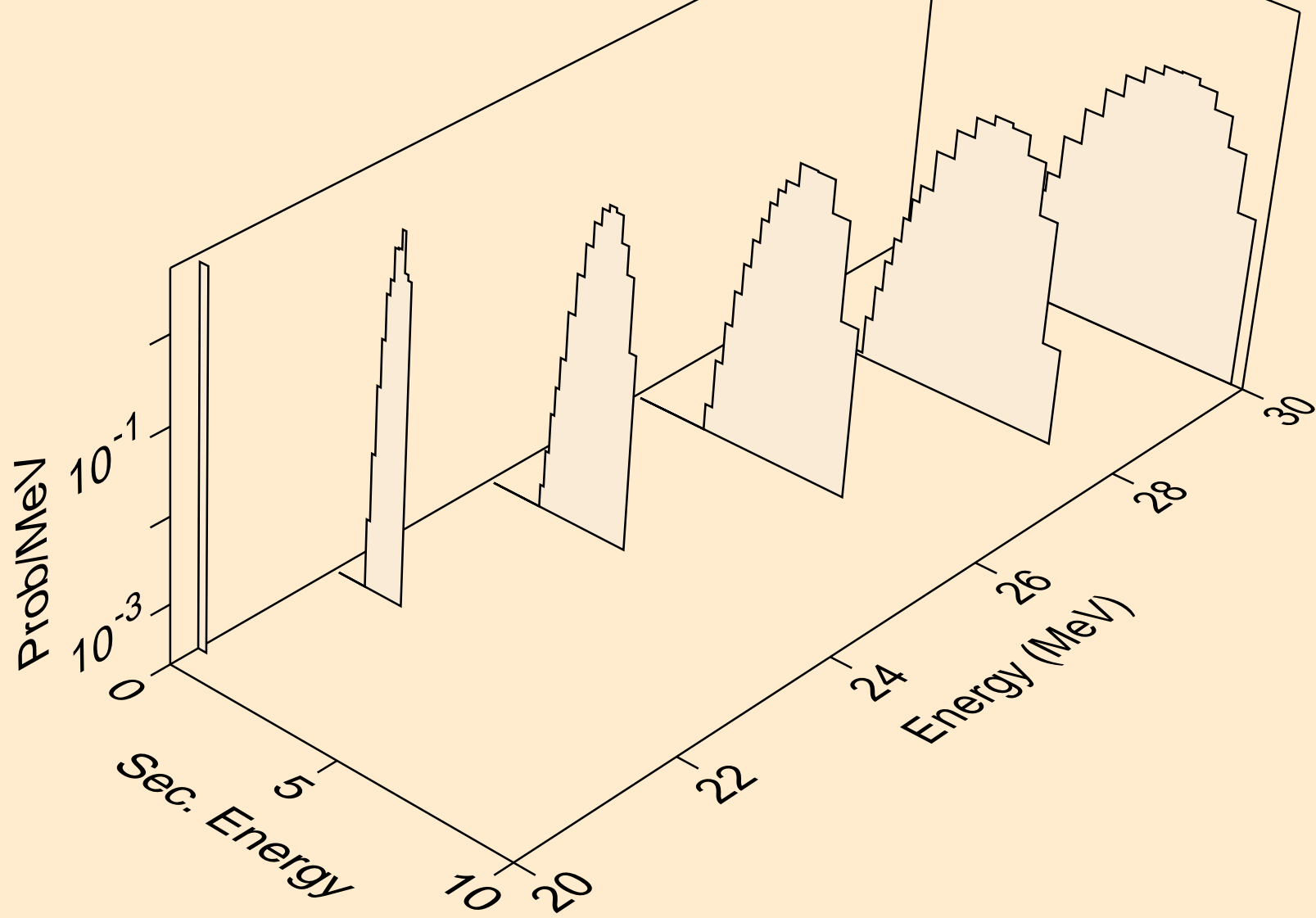




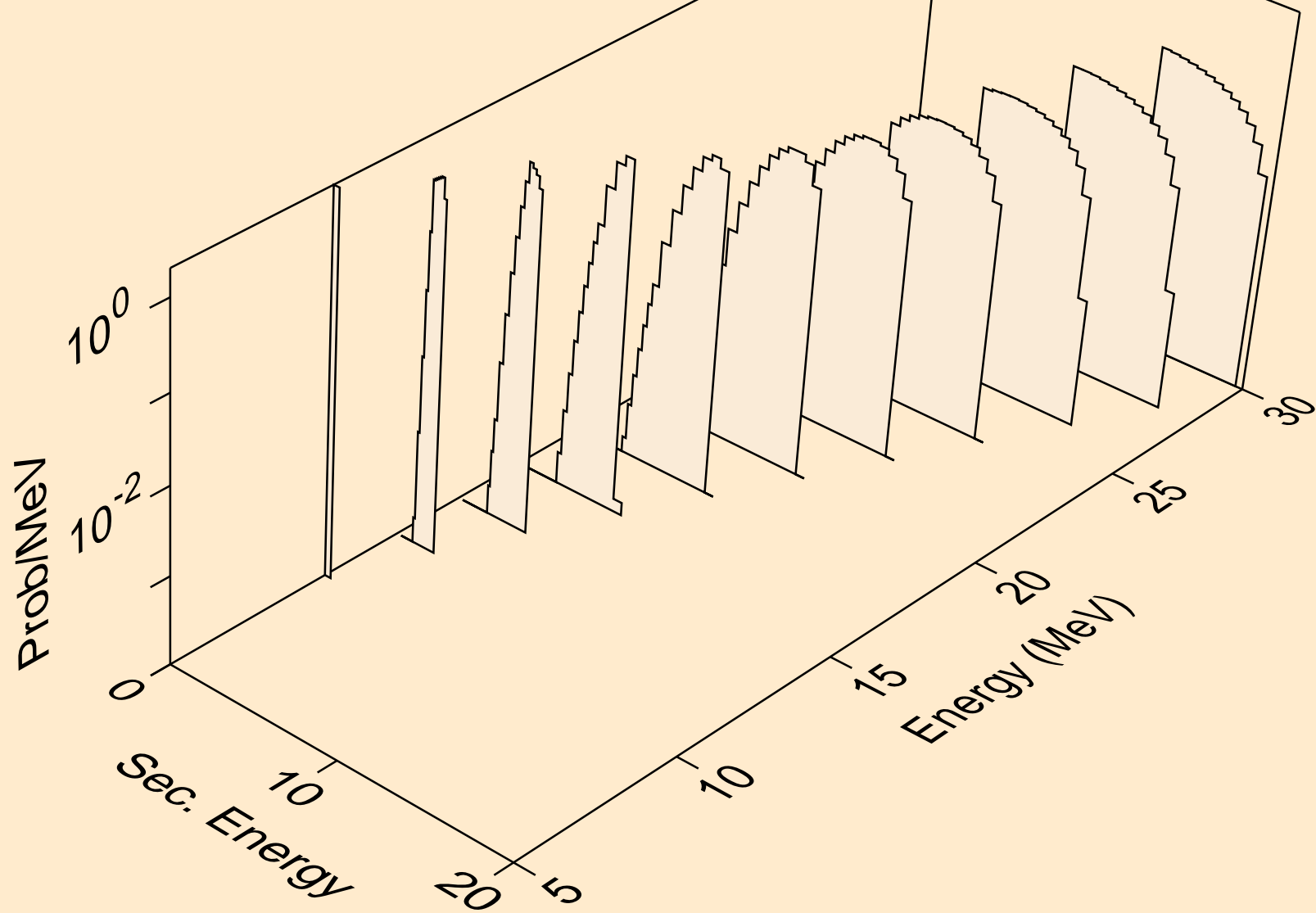
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



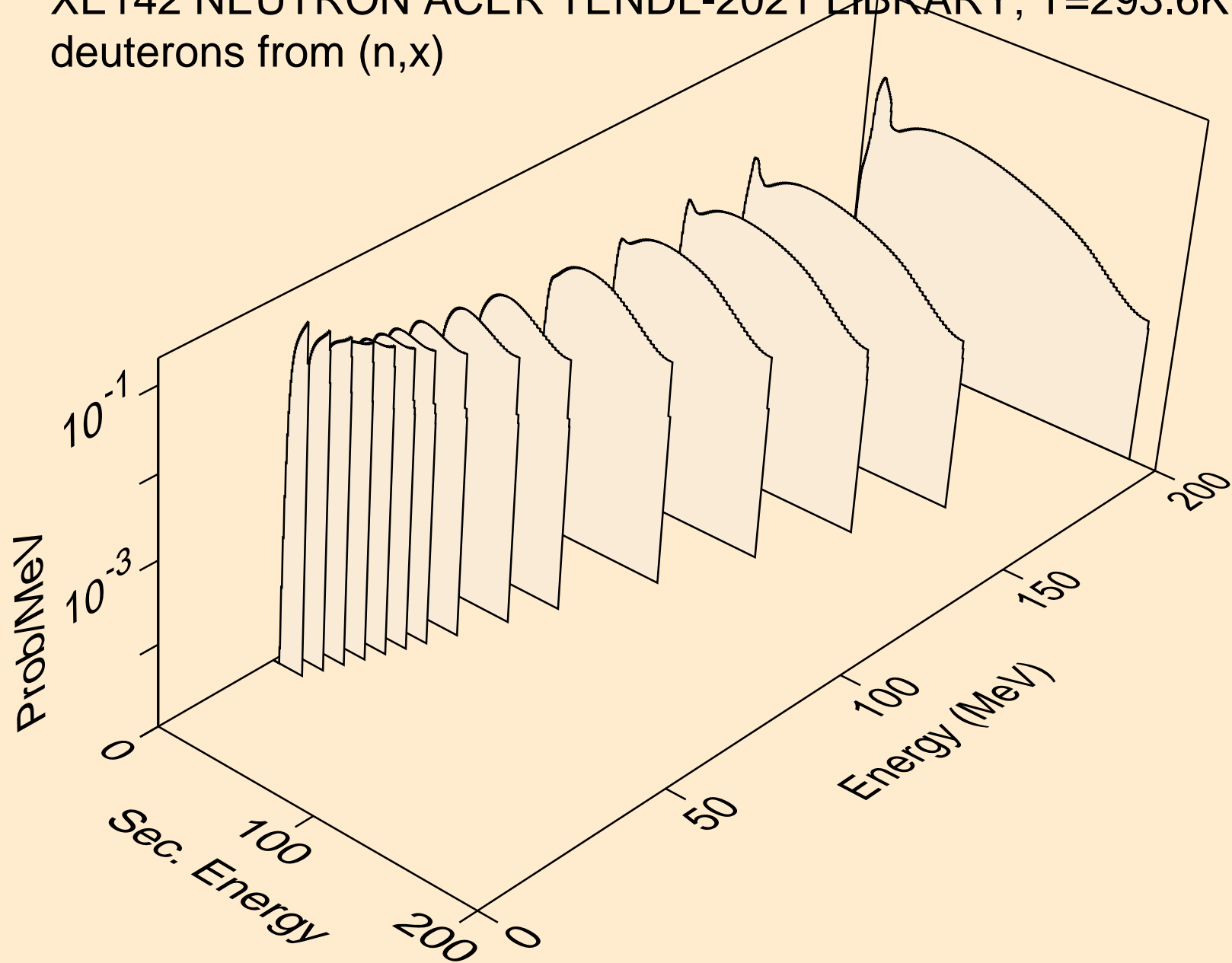
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



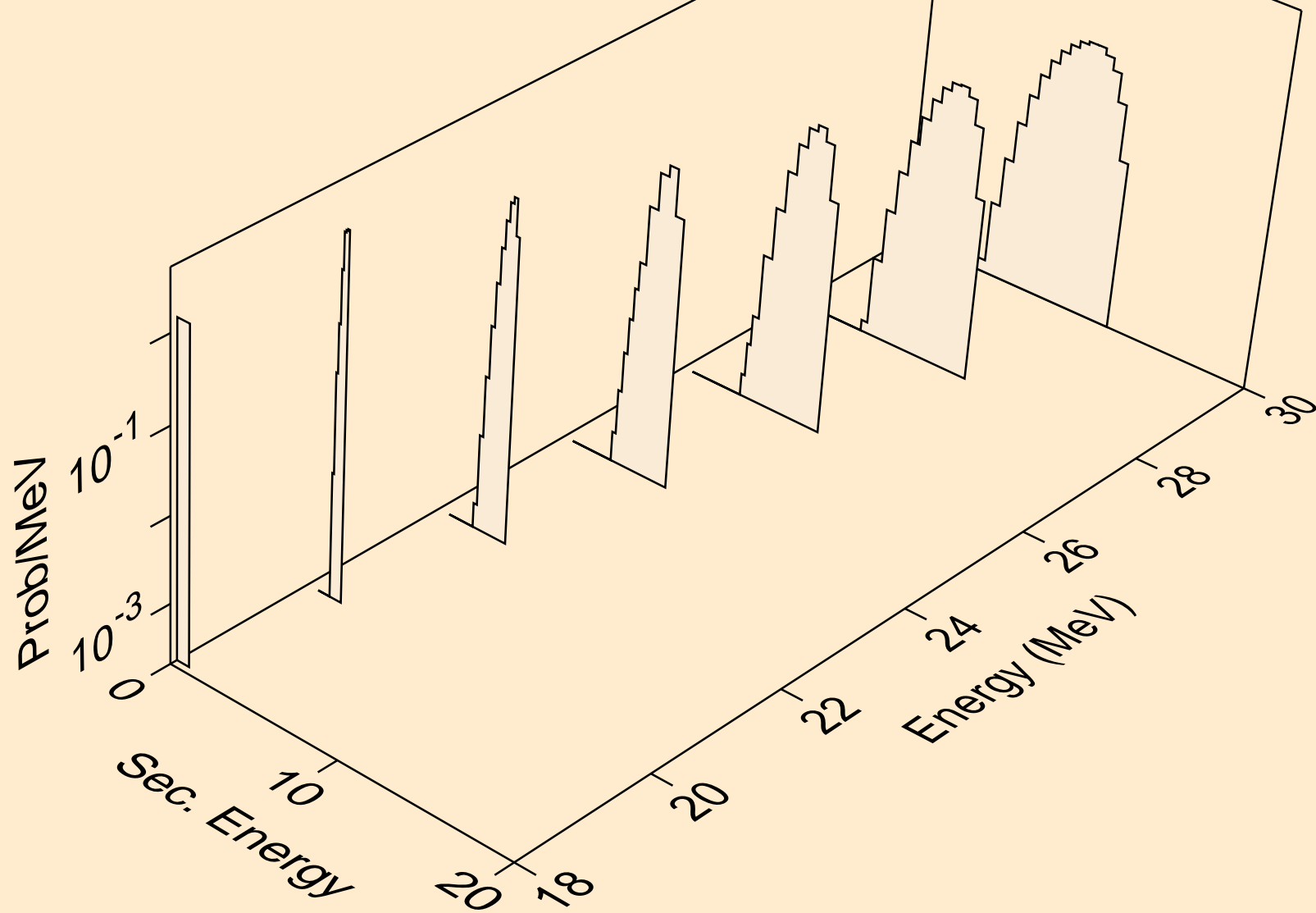
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



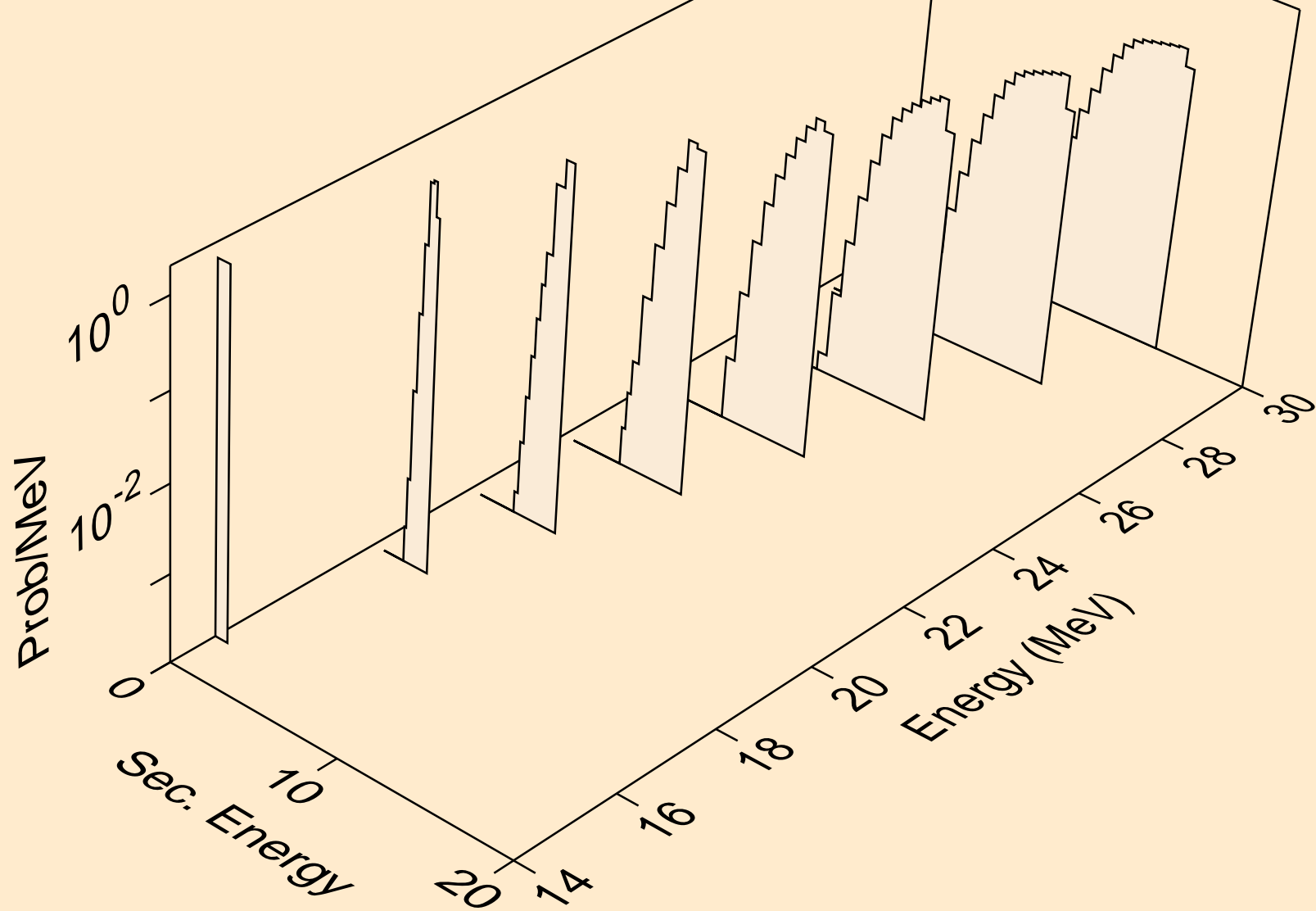
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



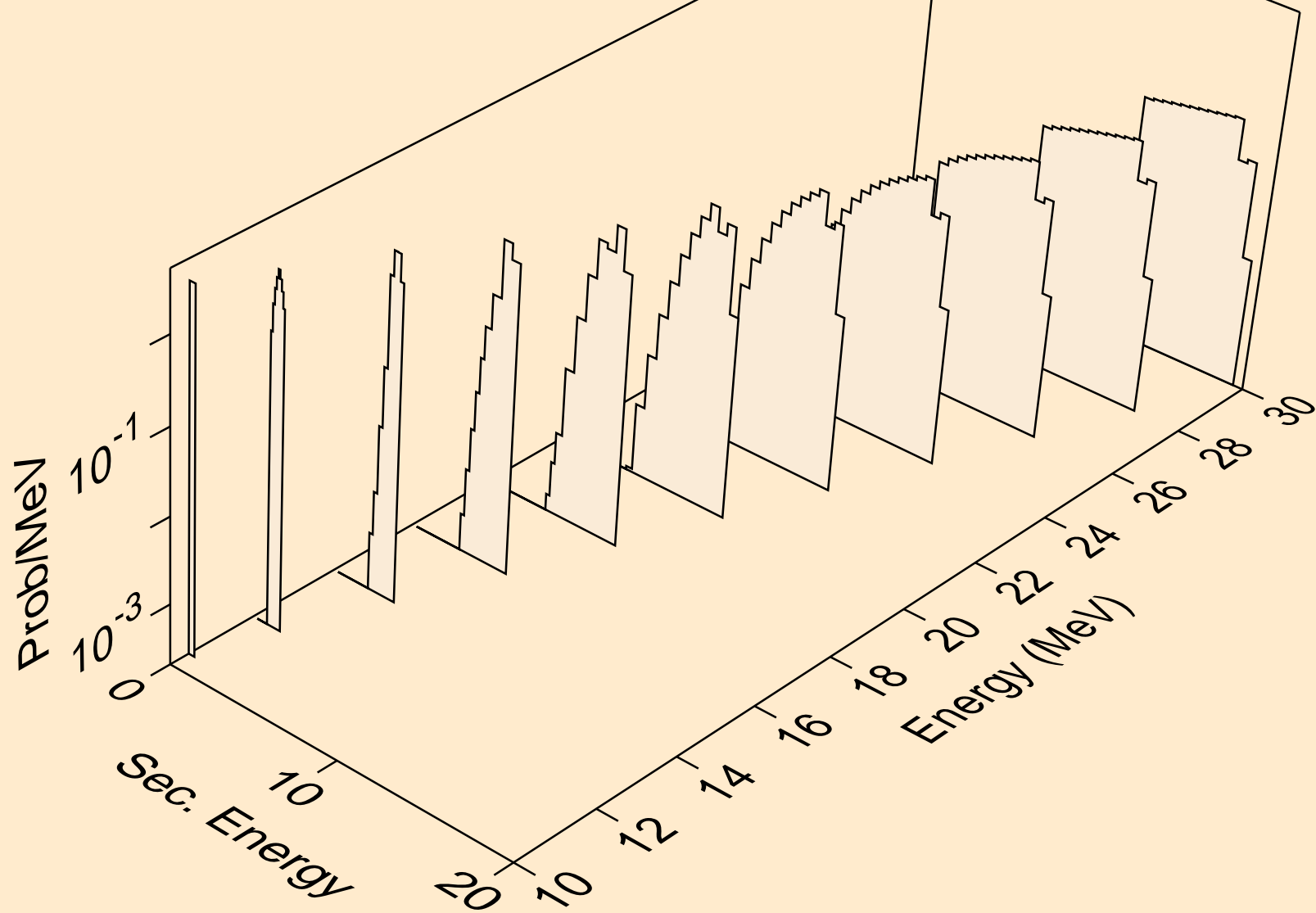
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



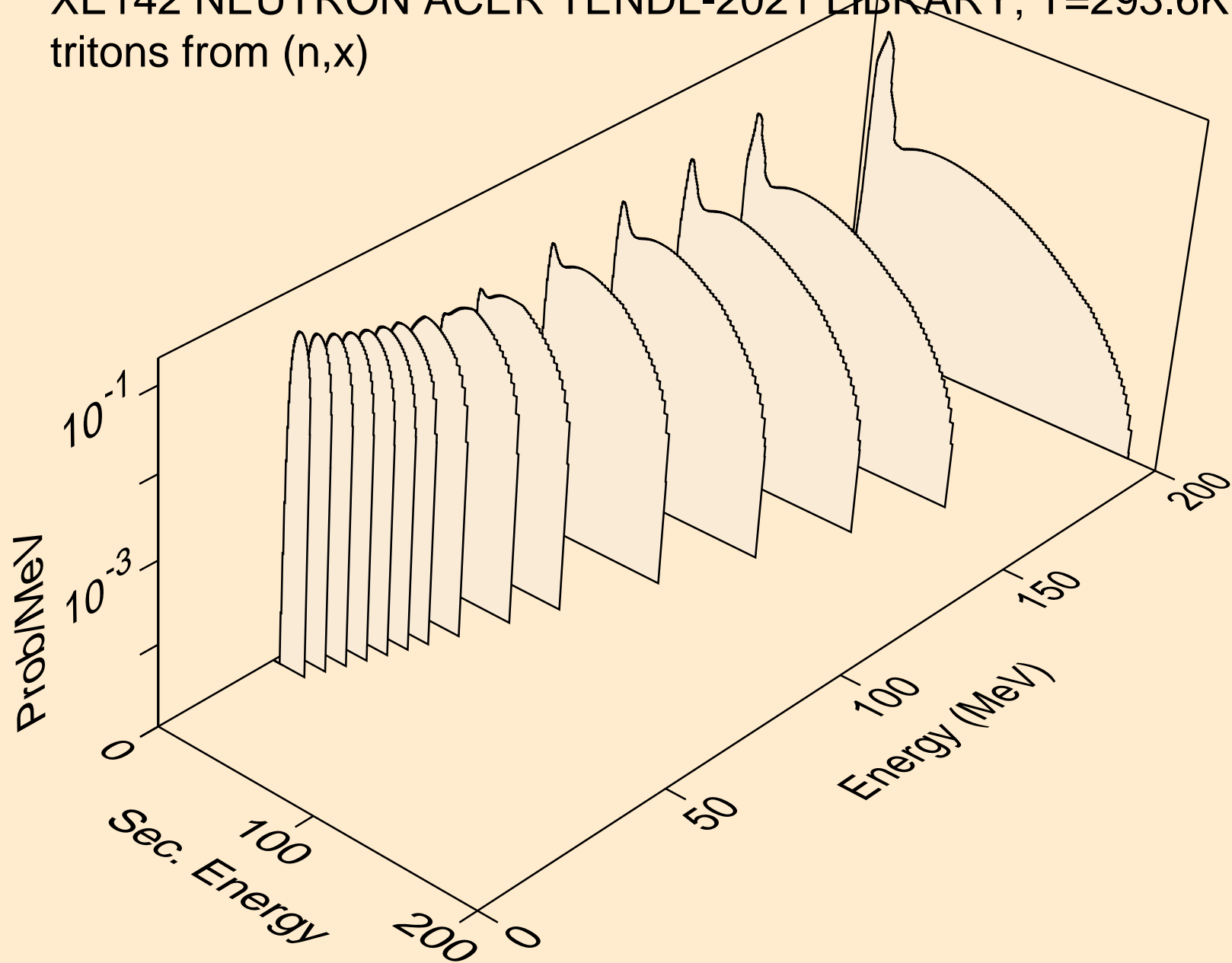
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

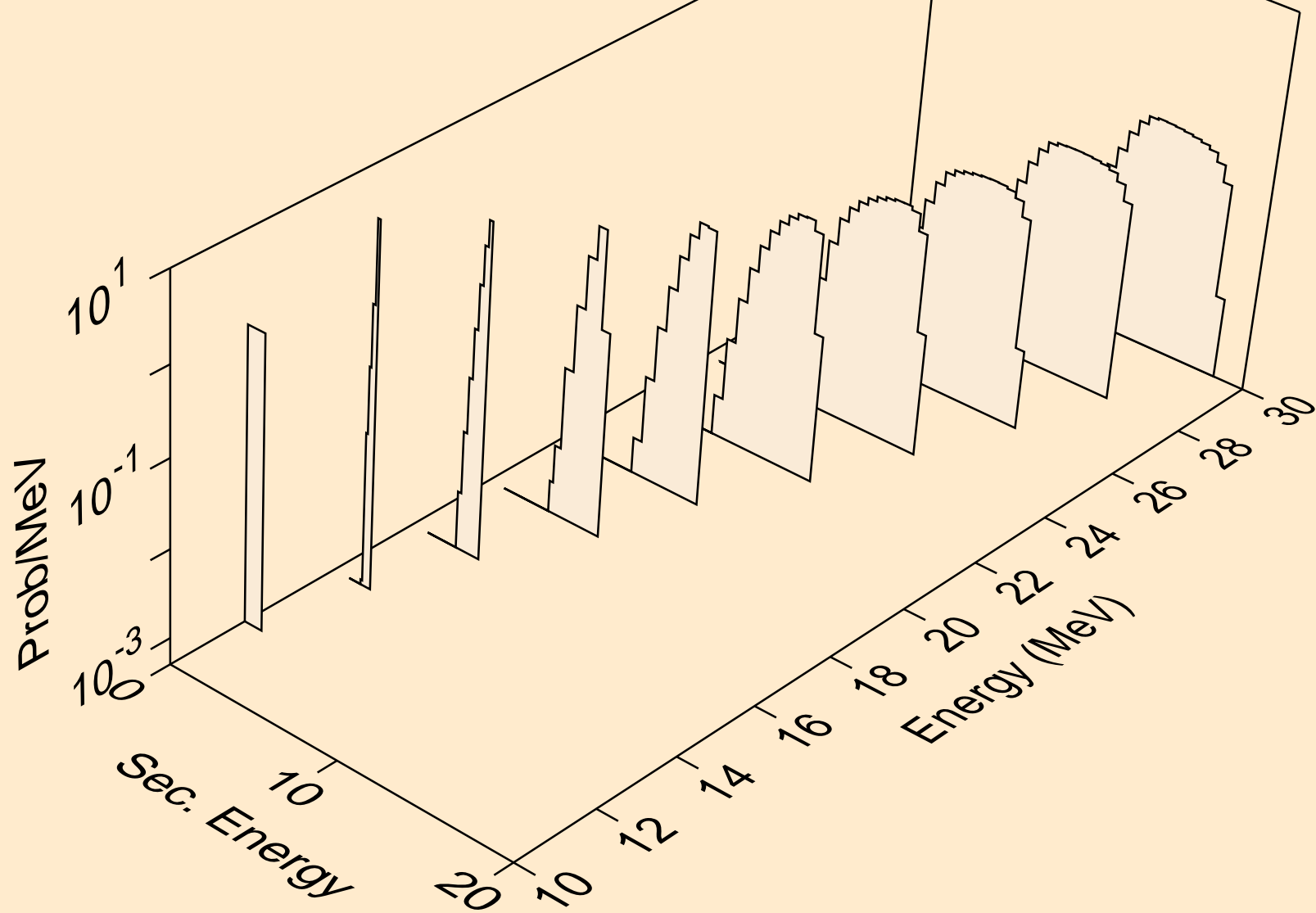


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

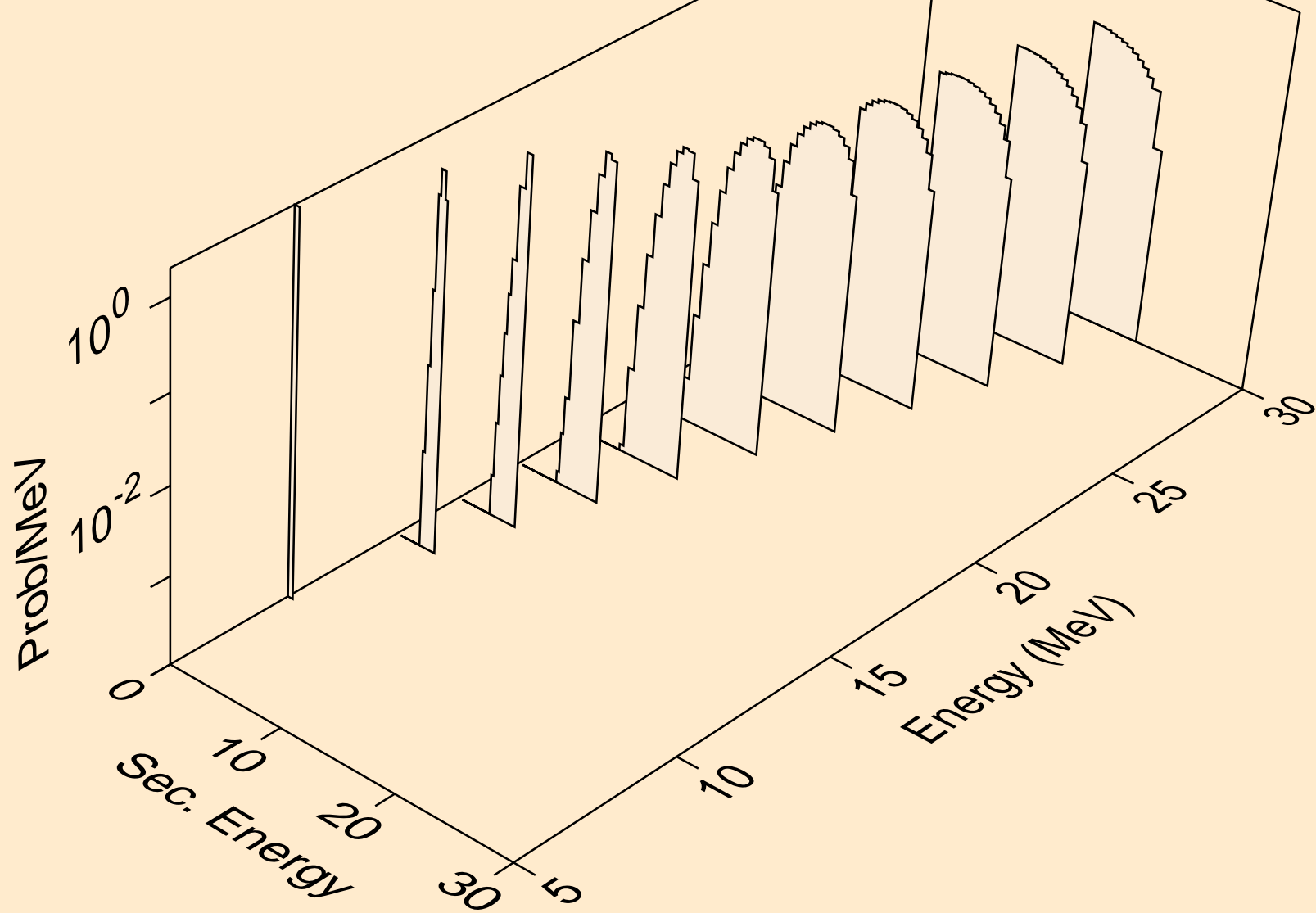




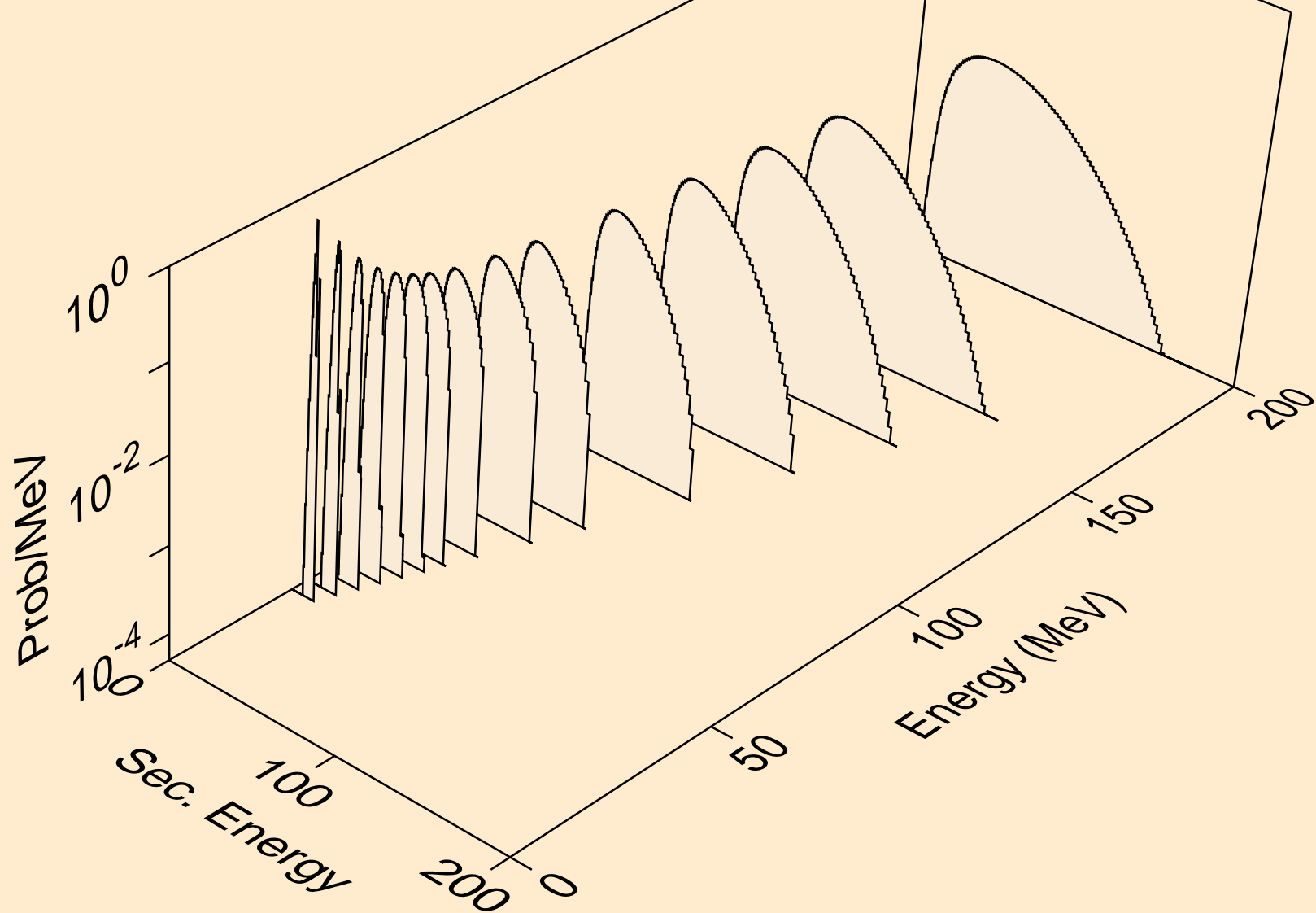
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



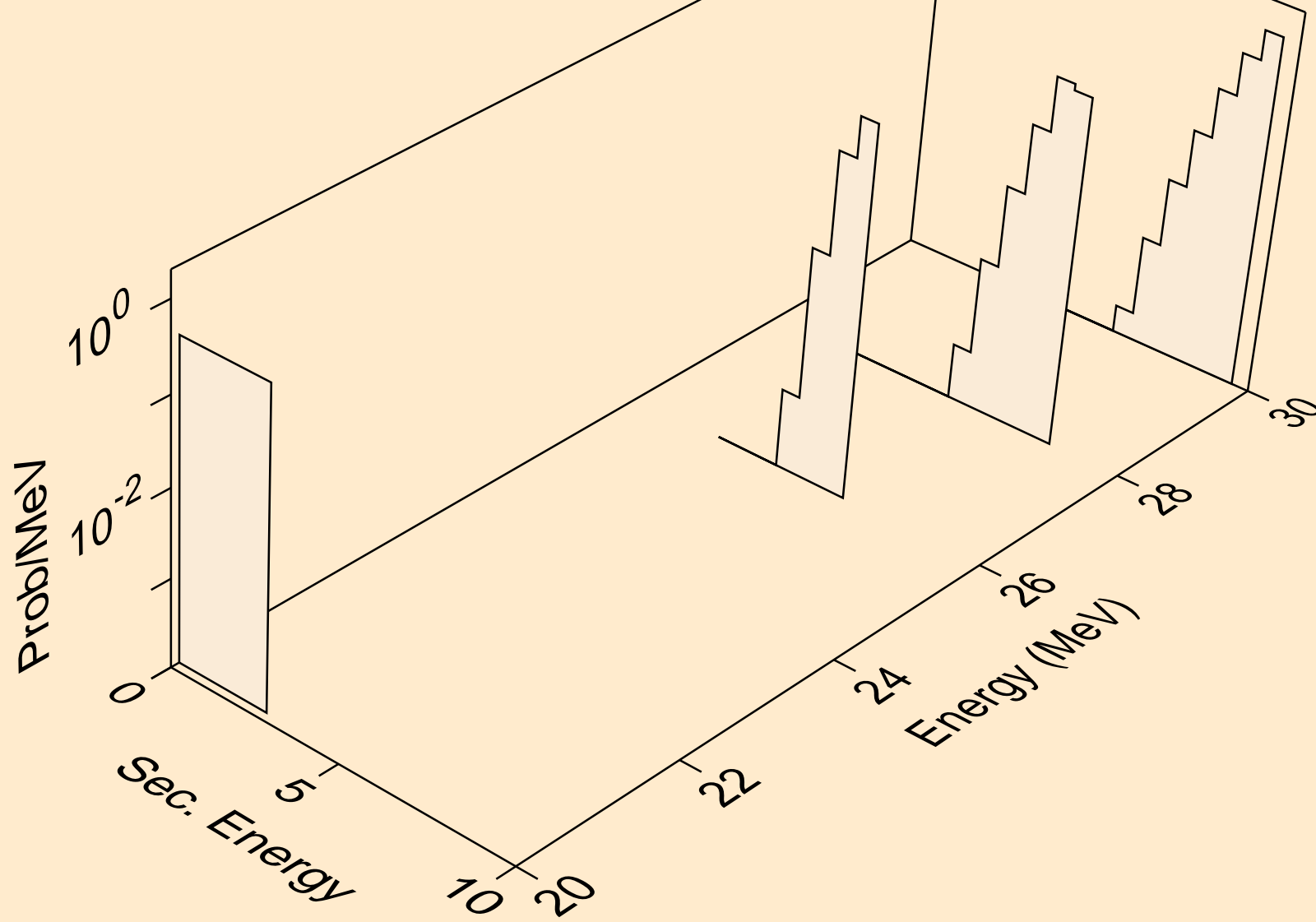
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tritons from (n,t)



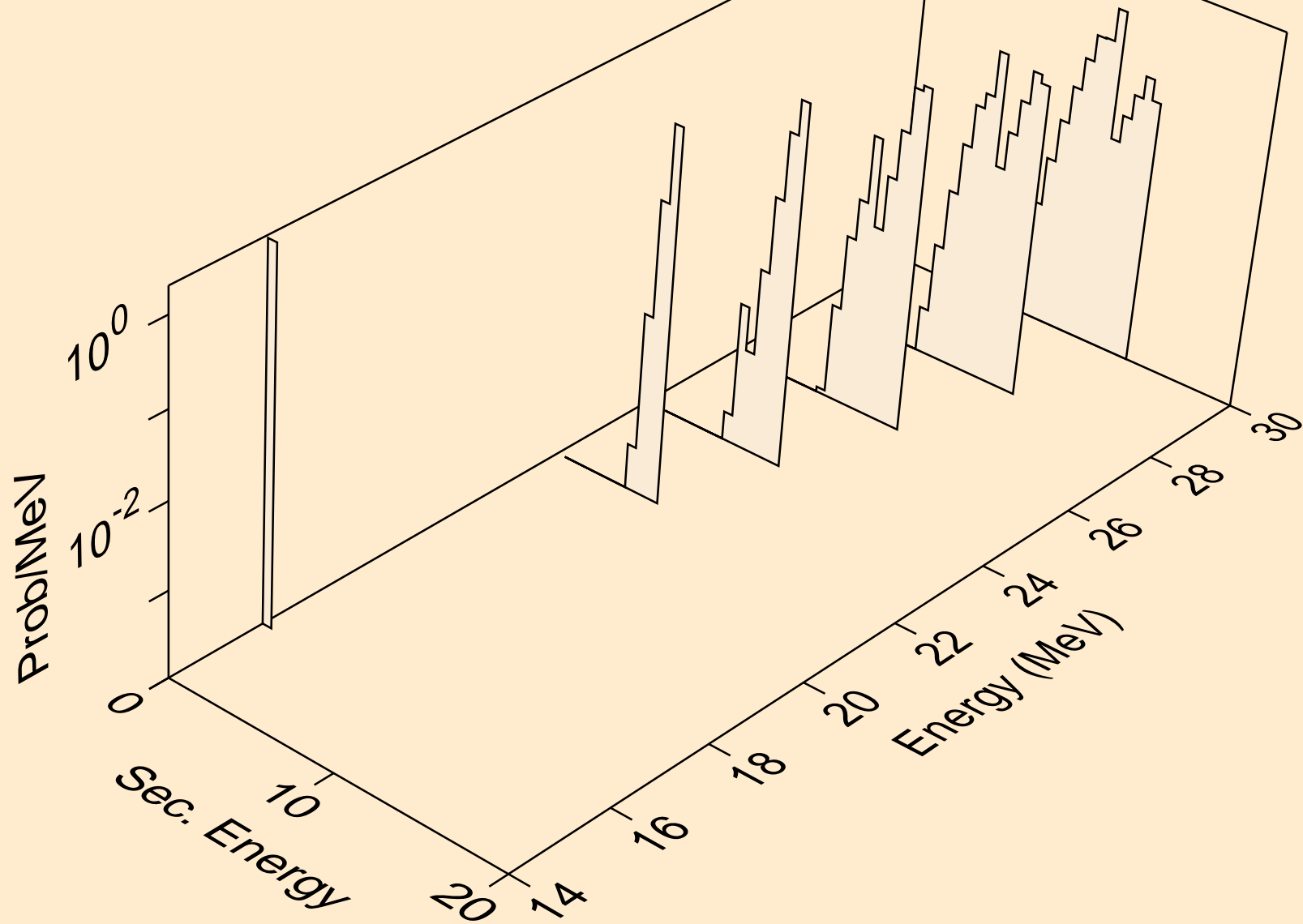
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



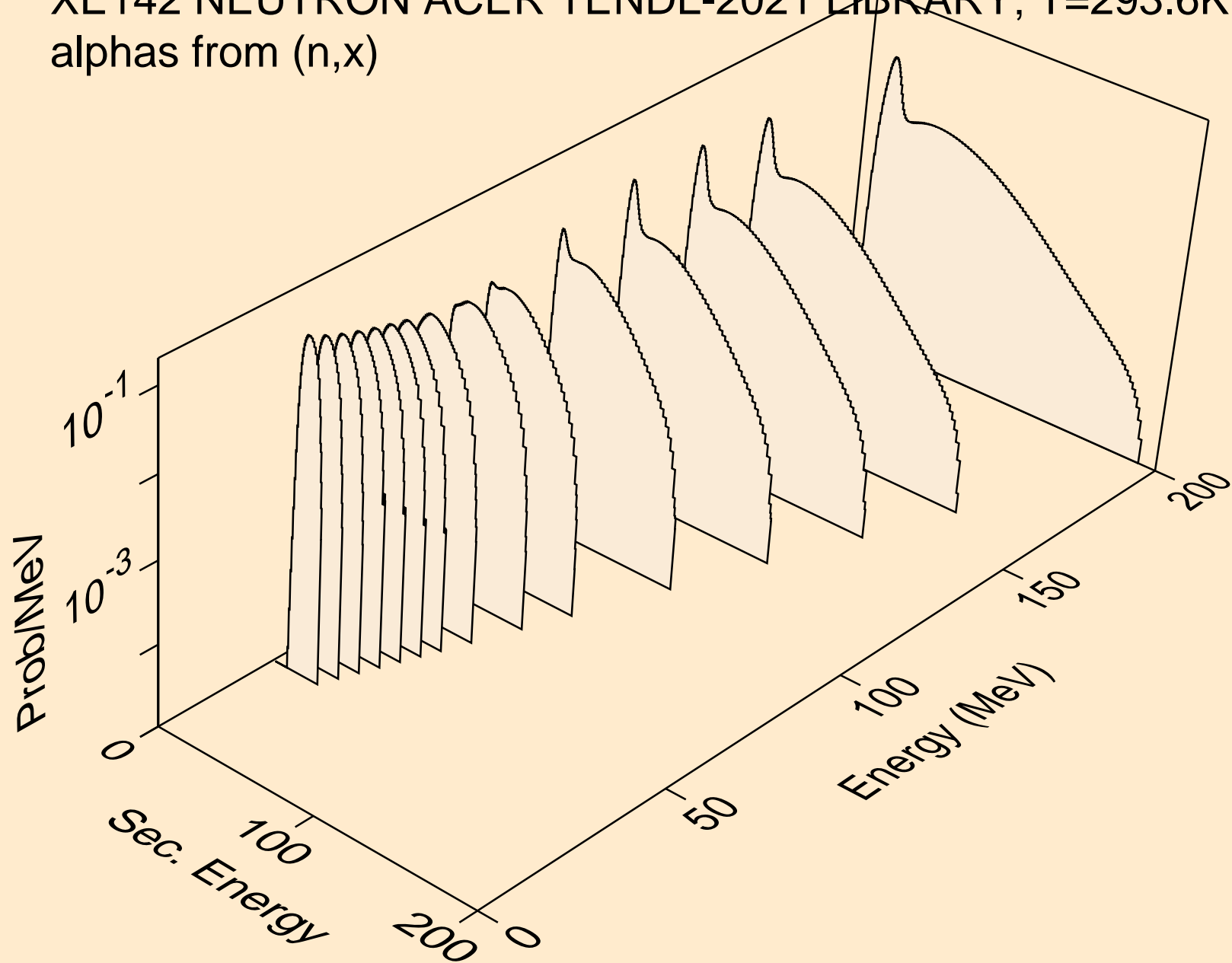
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



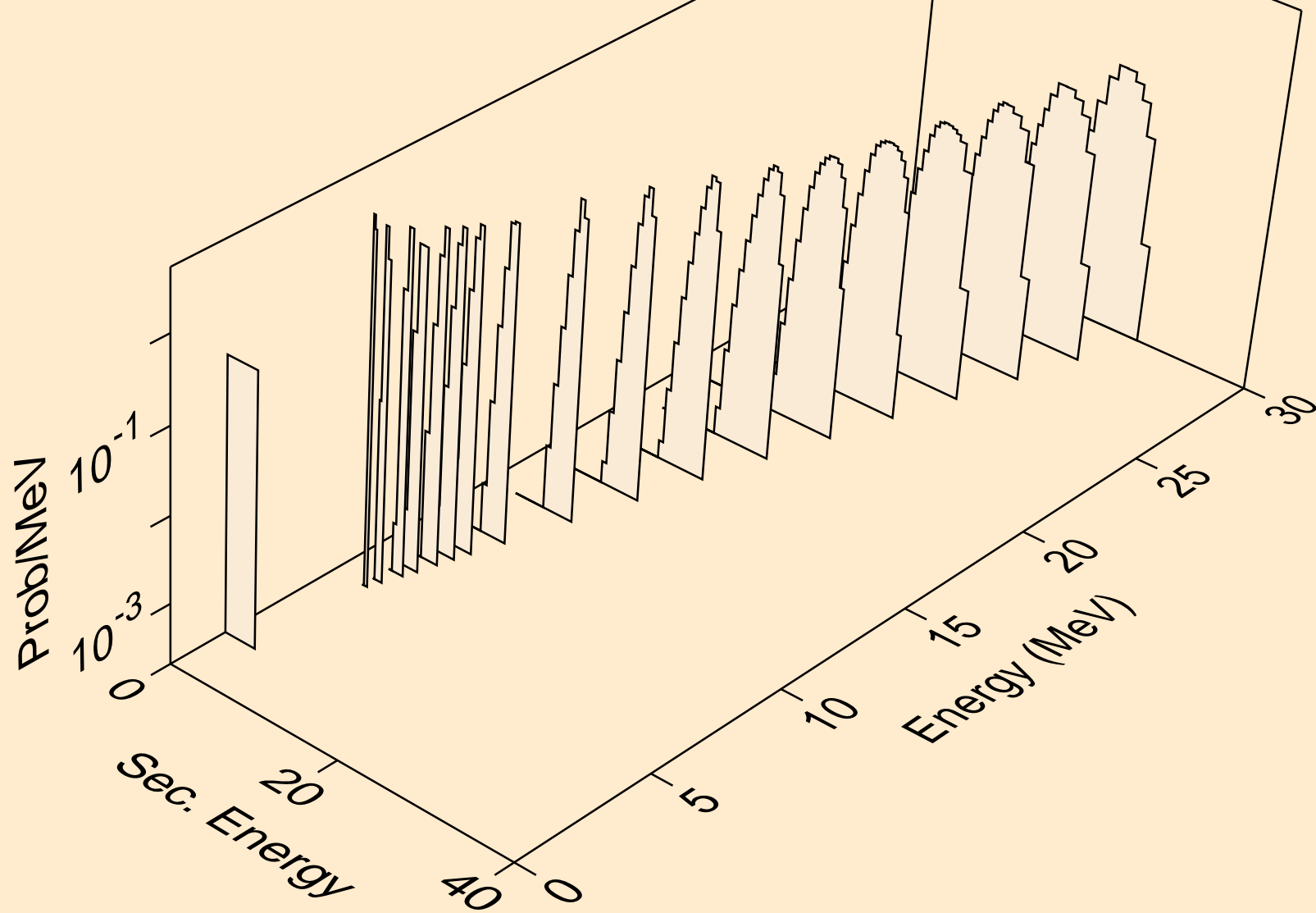
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



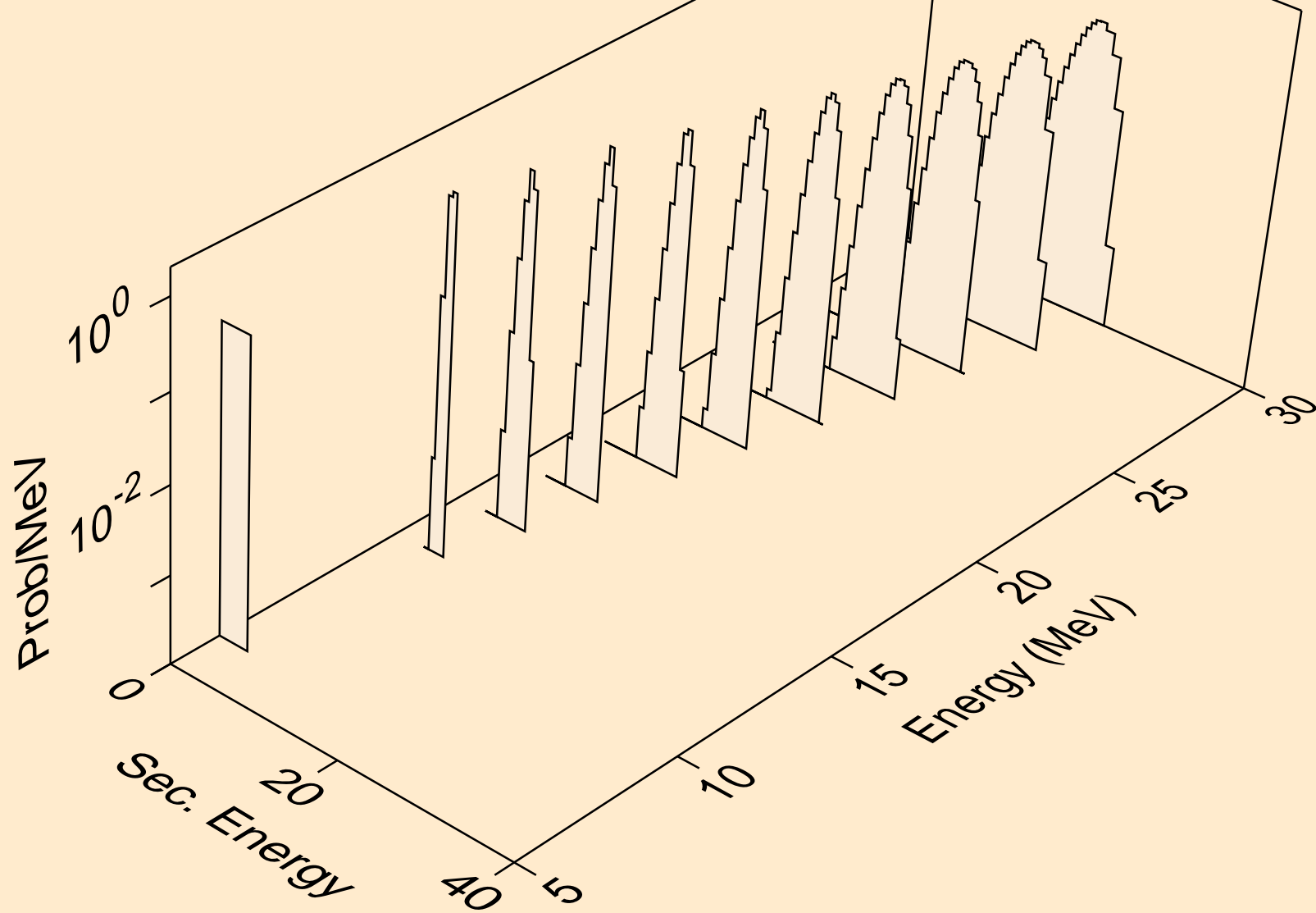
XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

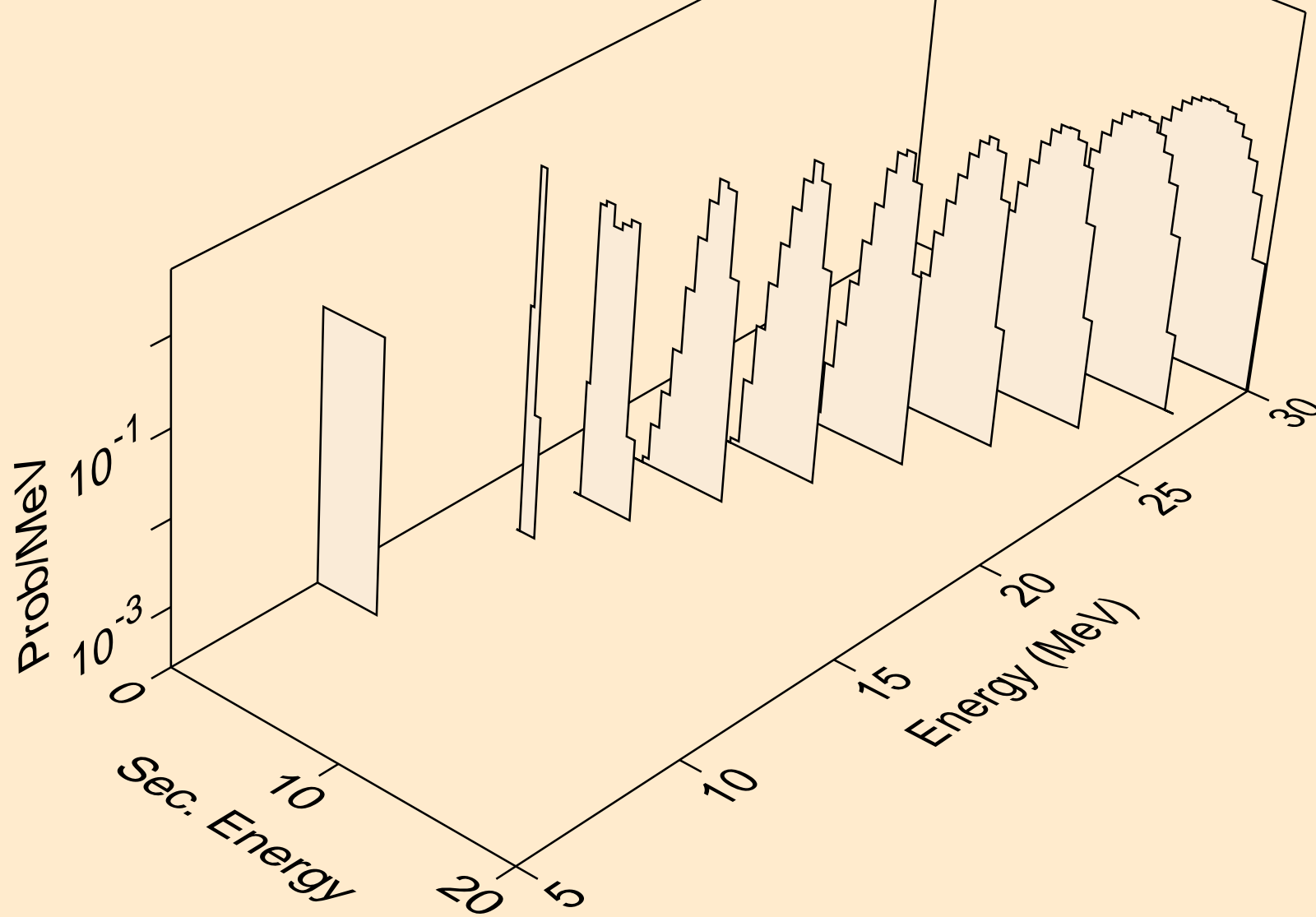


XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a





XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



XE142 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

