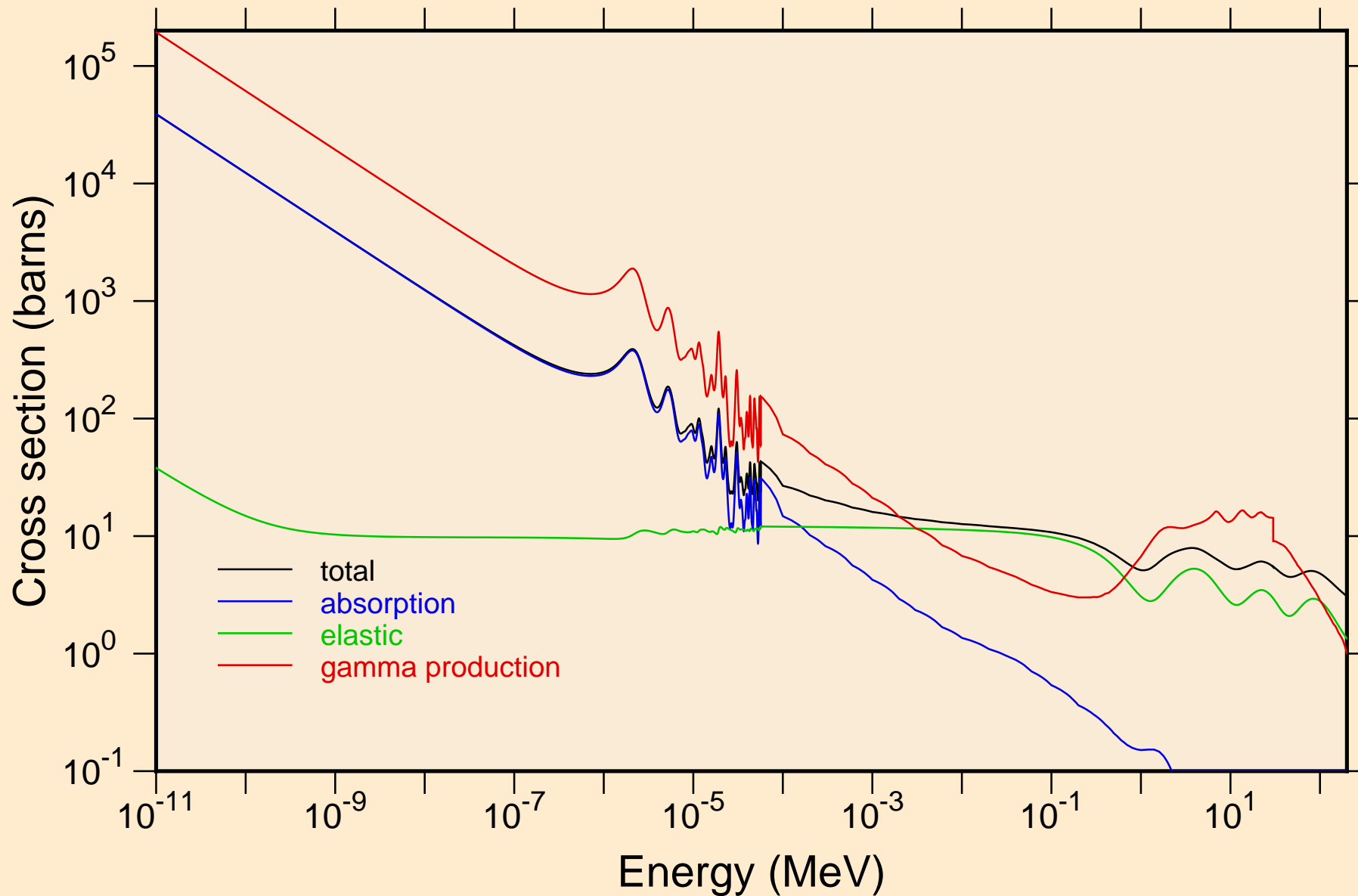
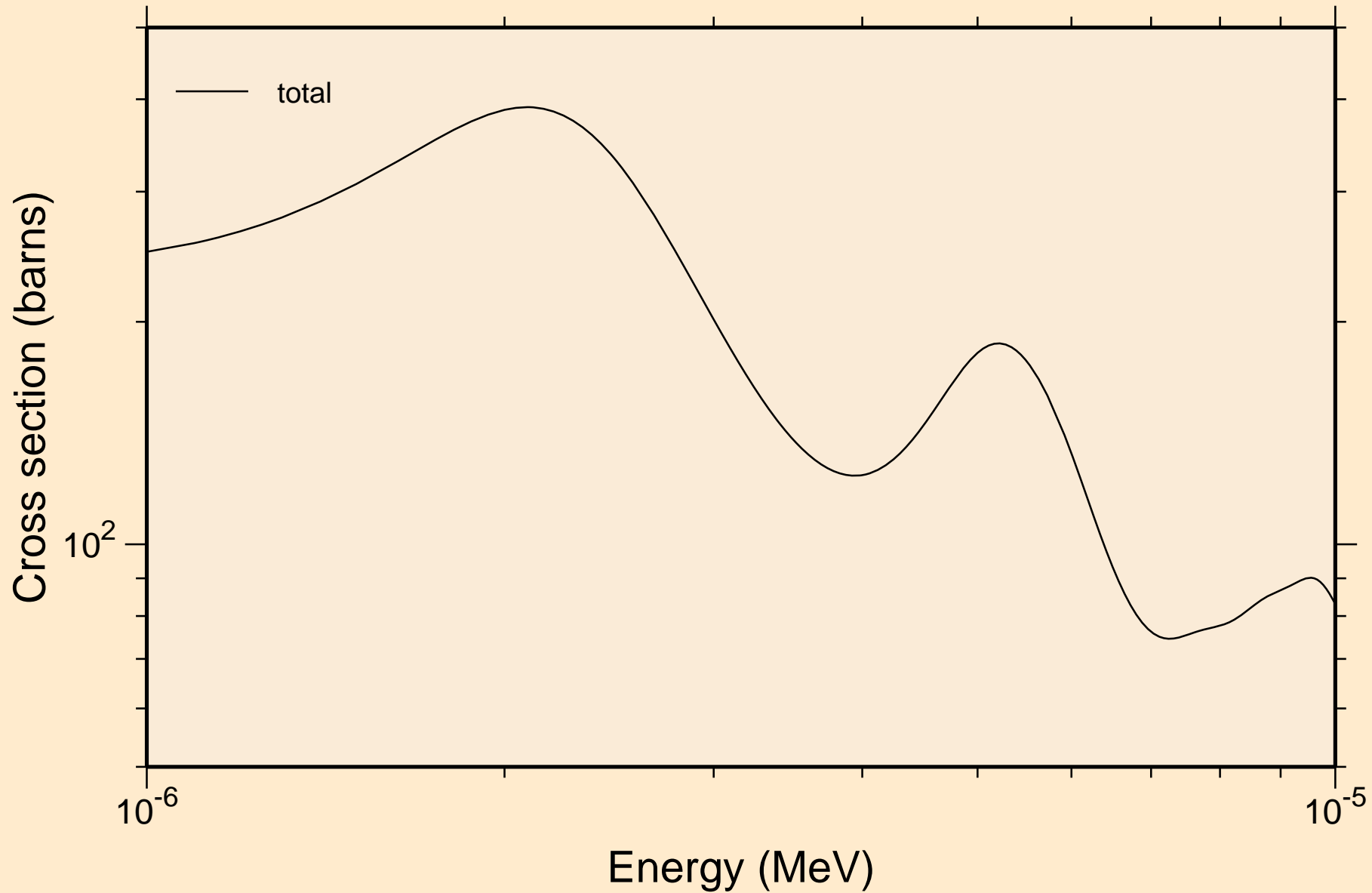


# AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

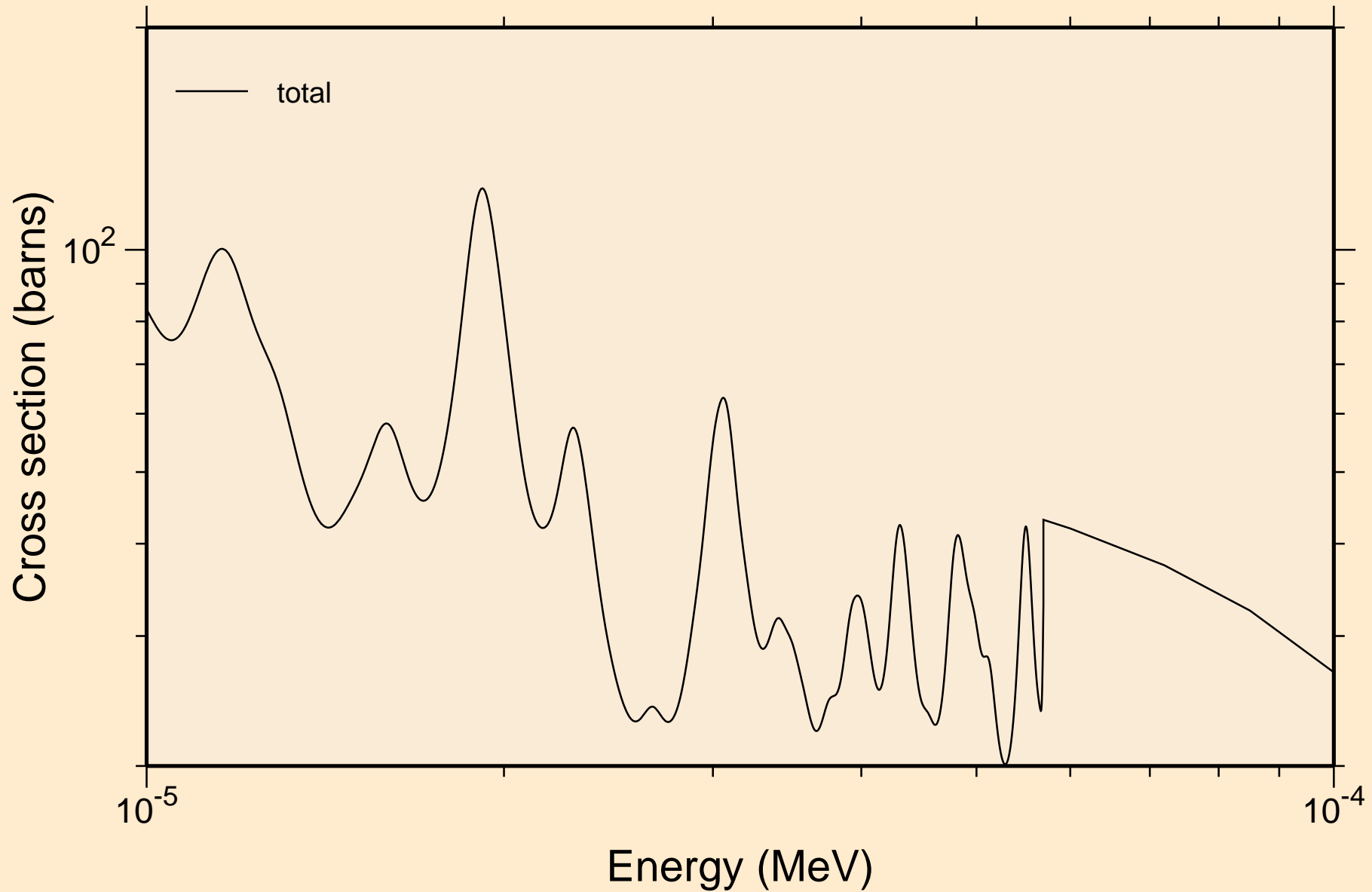
## Principal cross sections



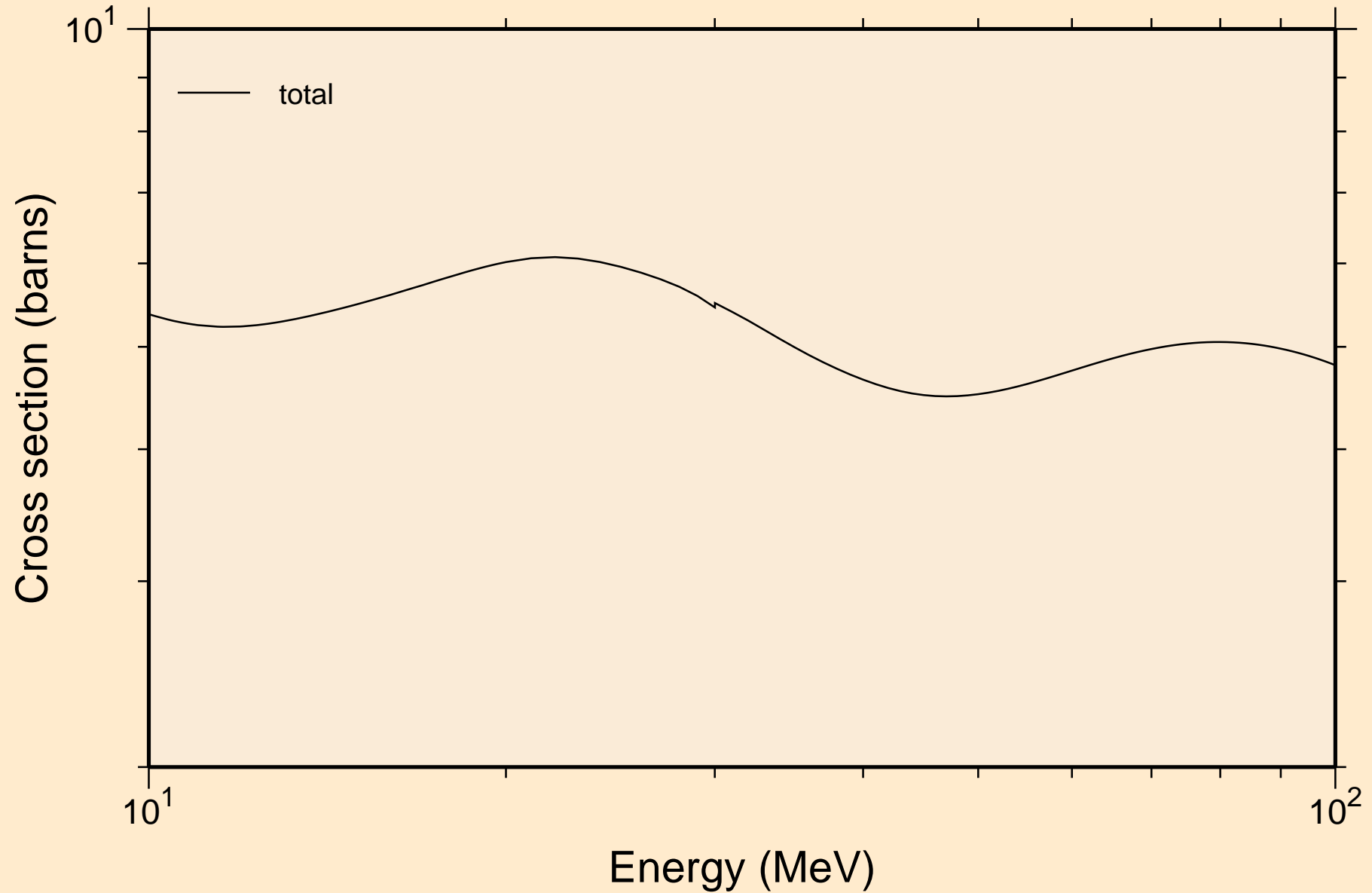
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



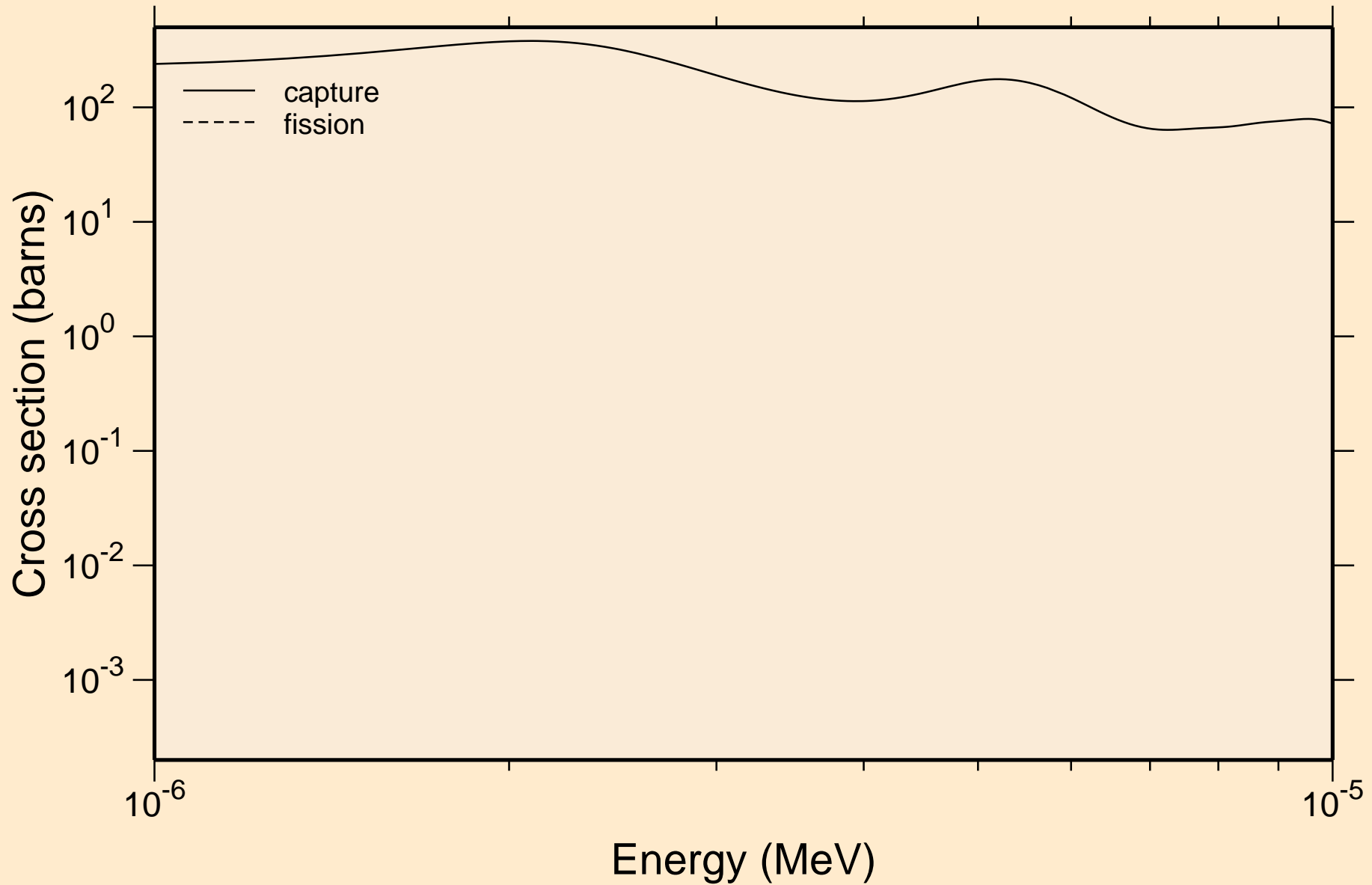
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



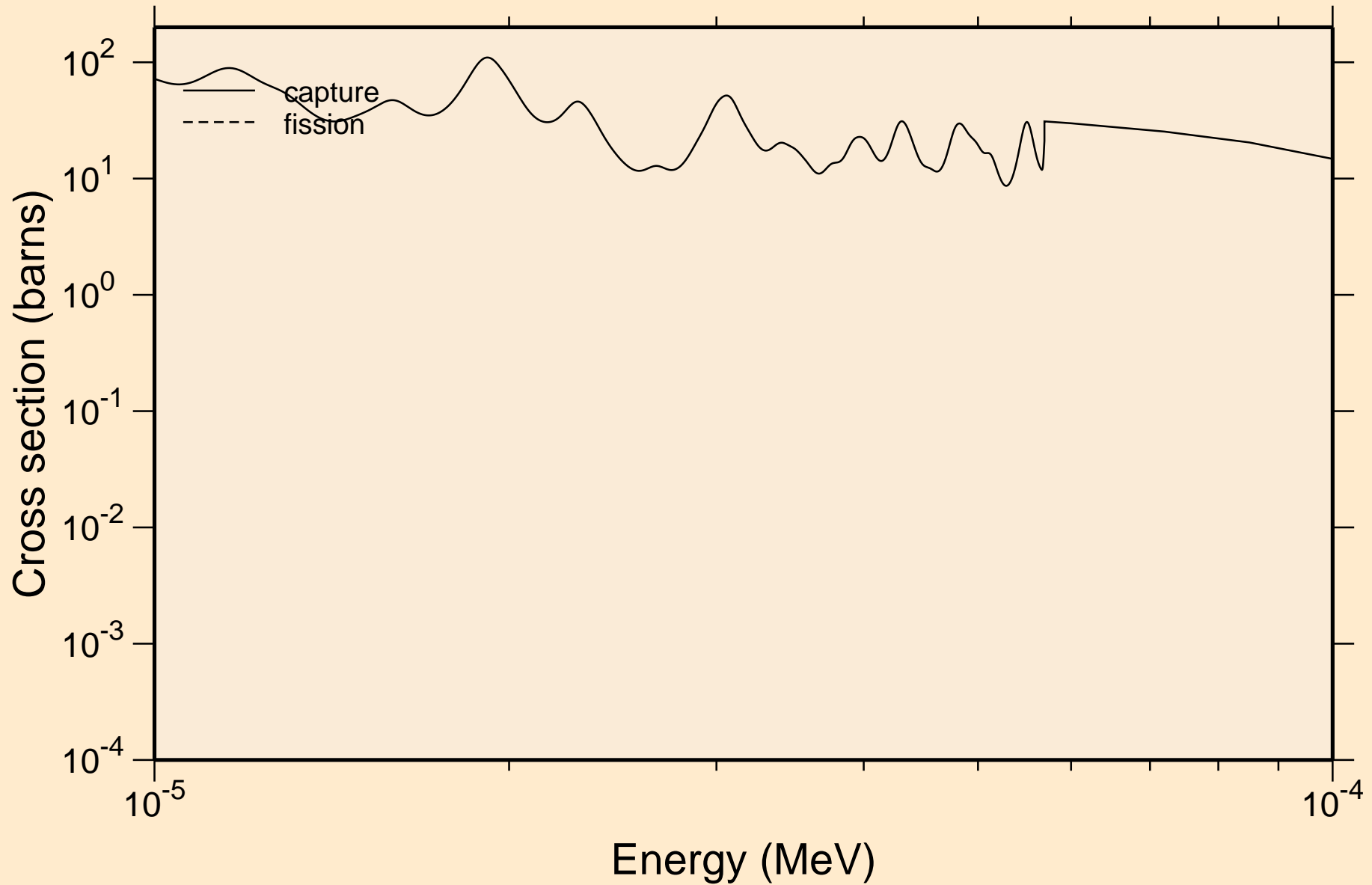
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



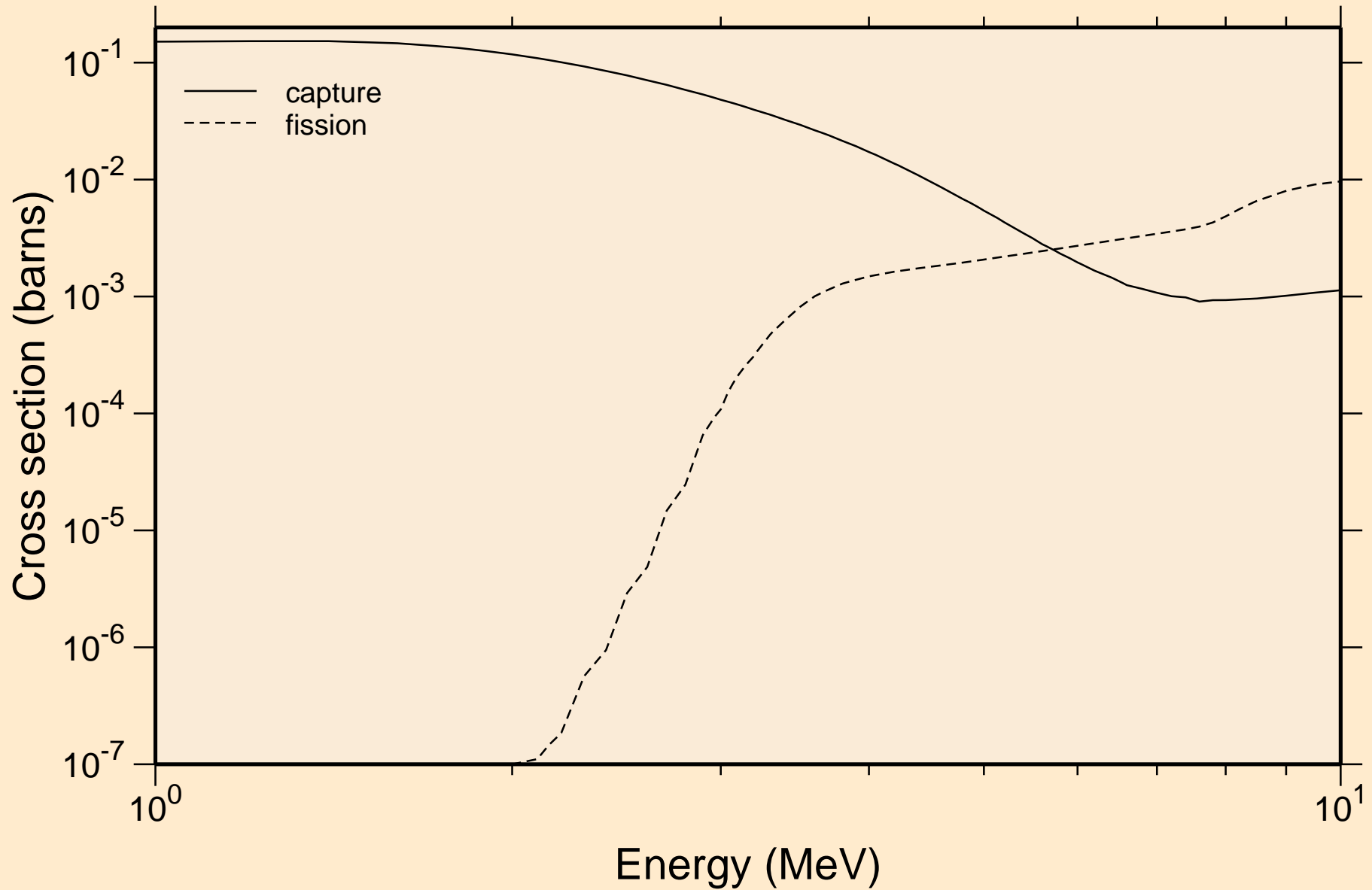
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



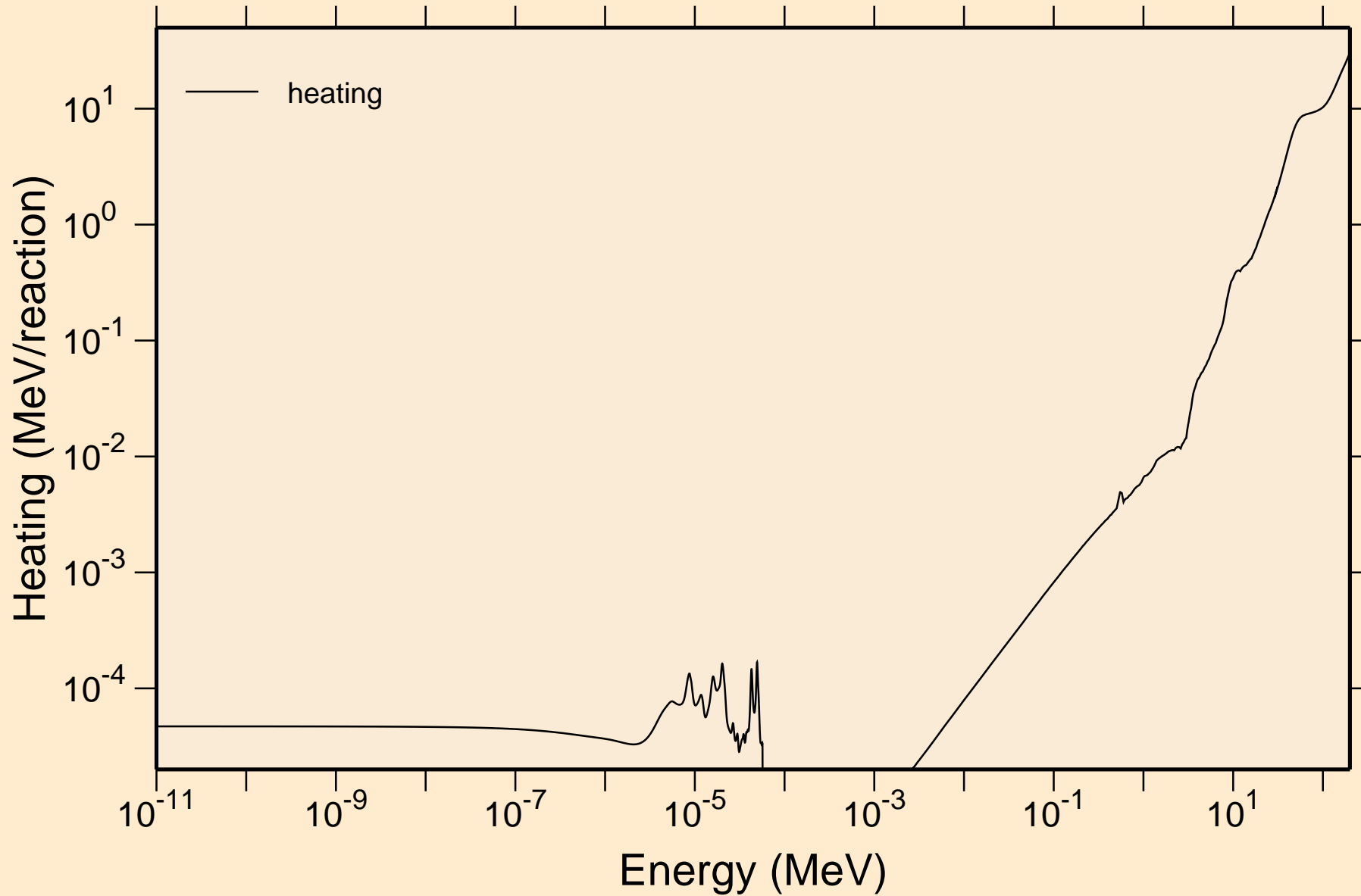
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

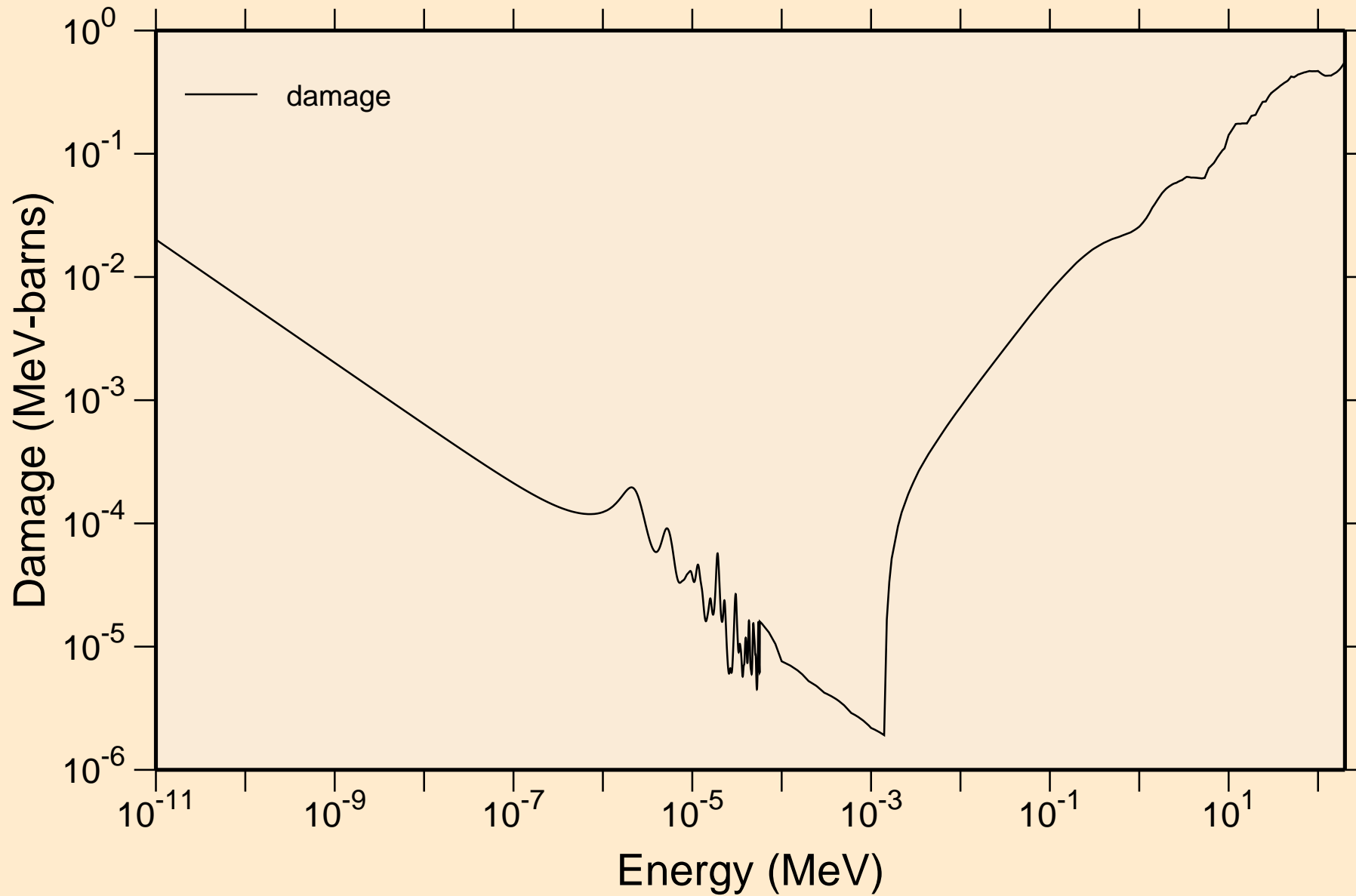


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



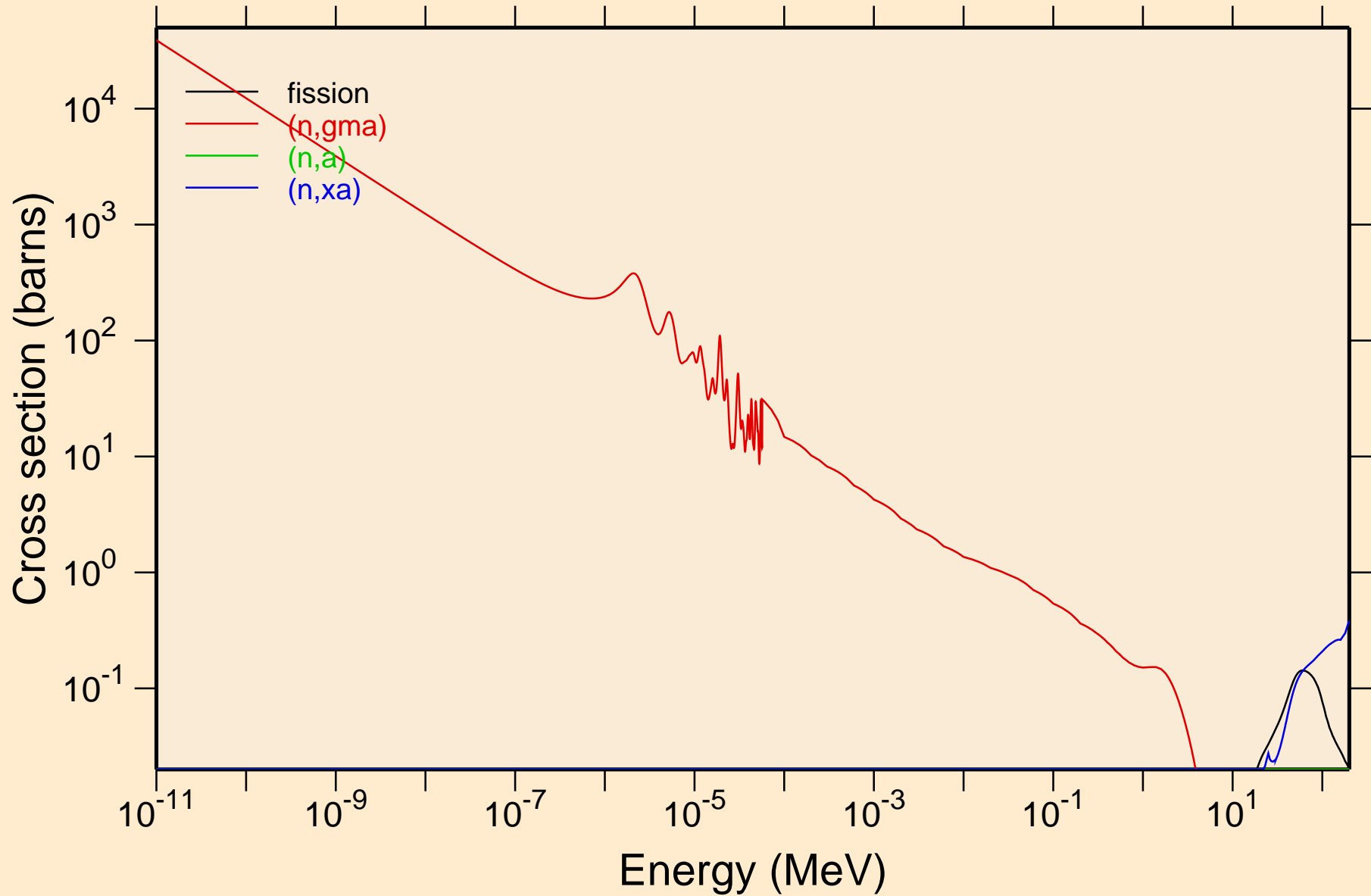


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

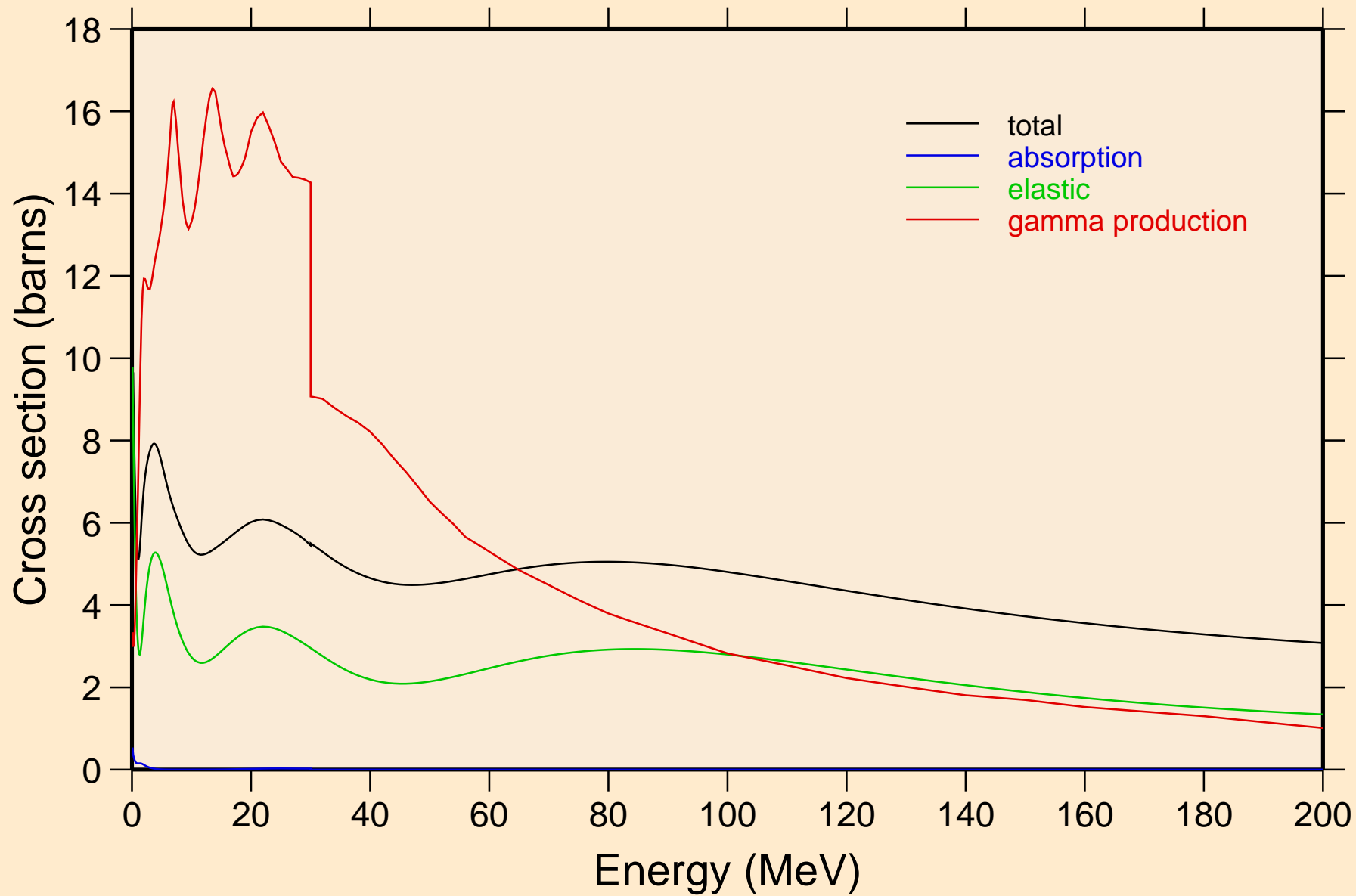


# AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

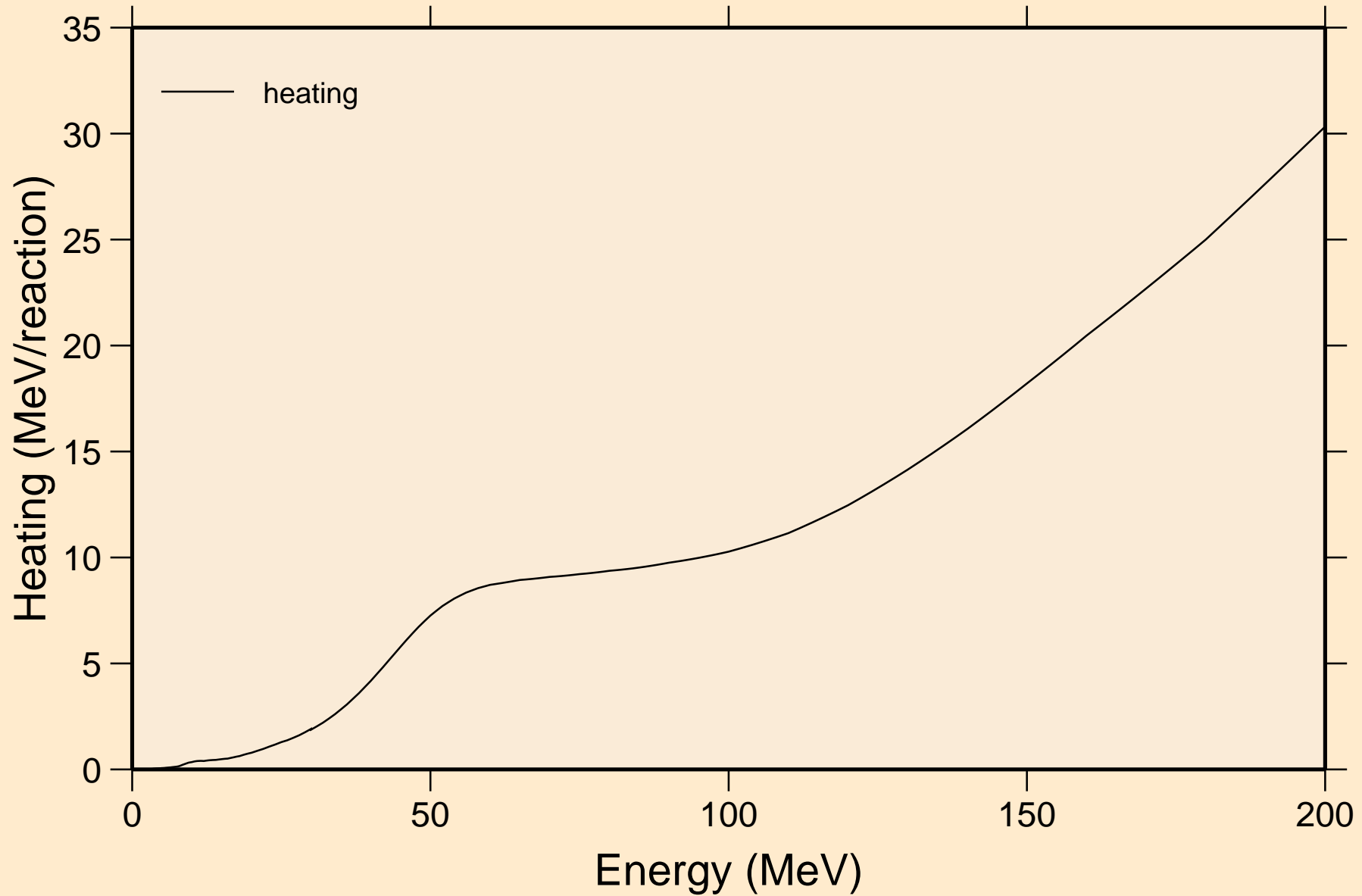
## Non-threshold reactions



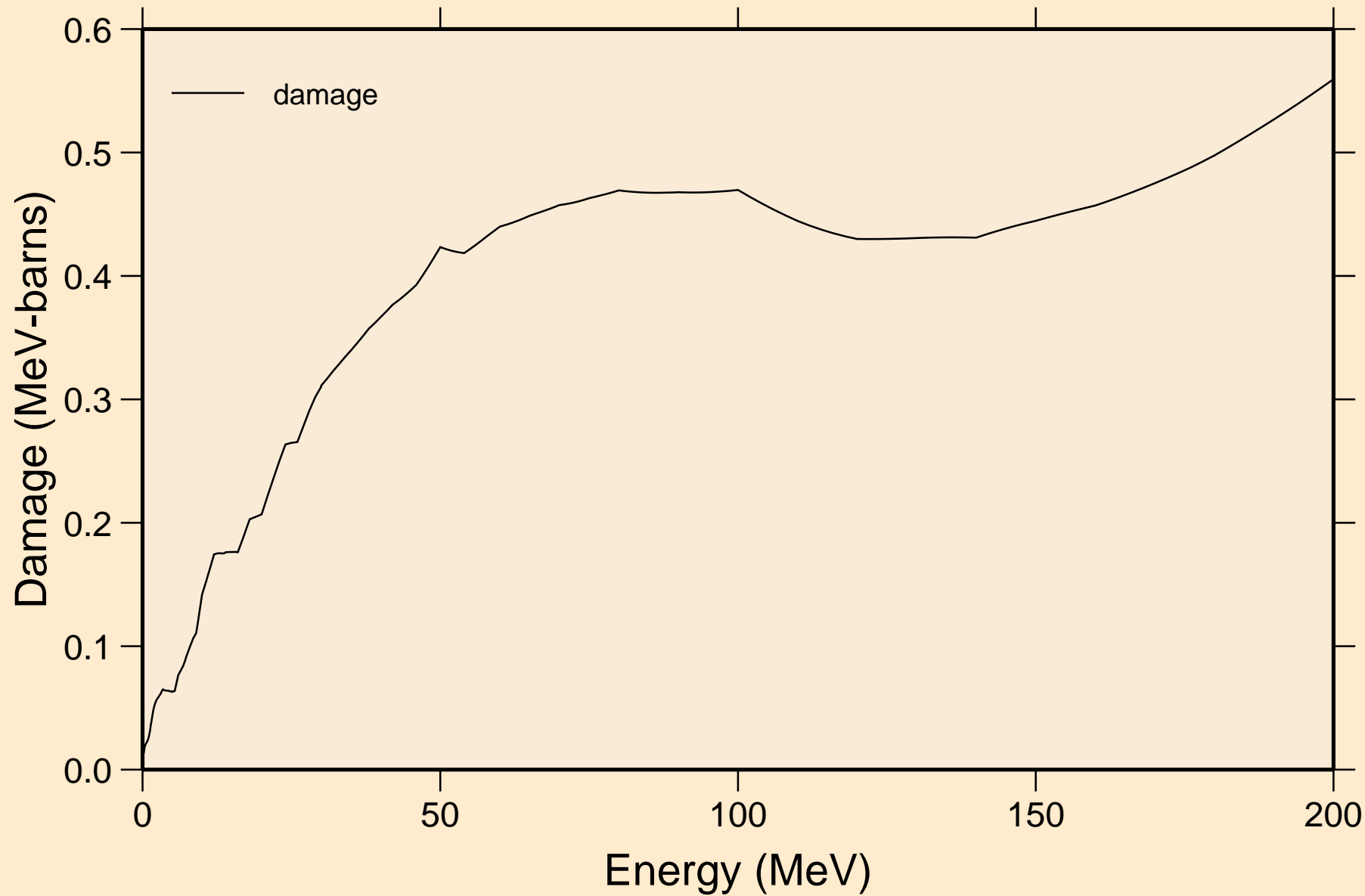
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



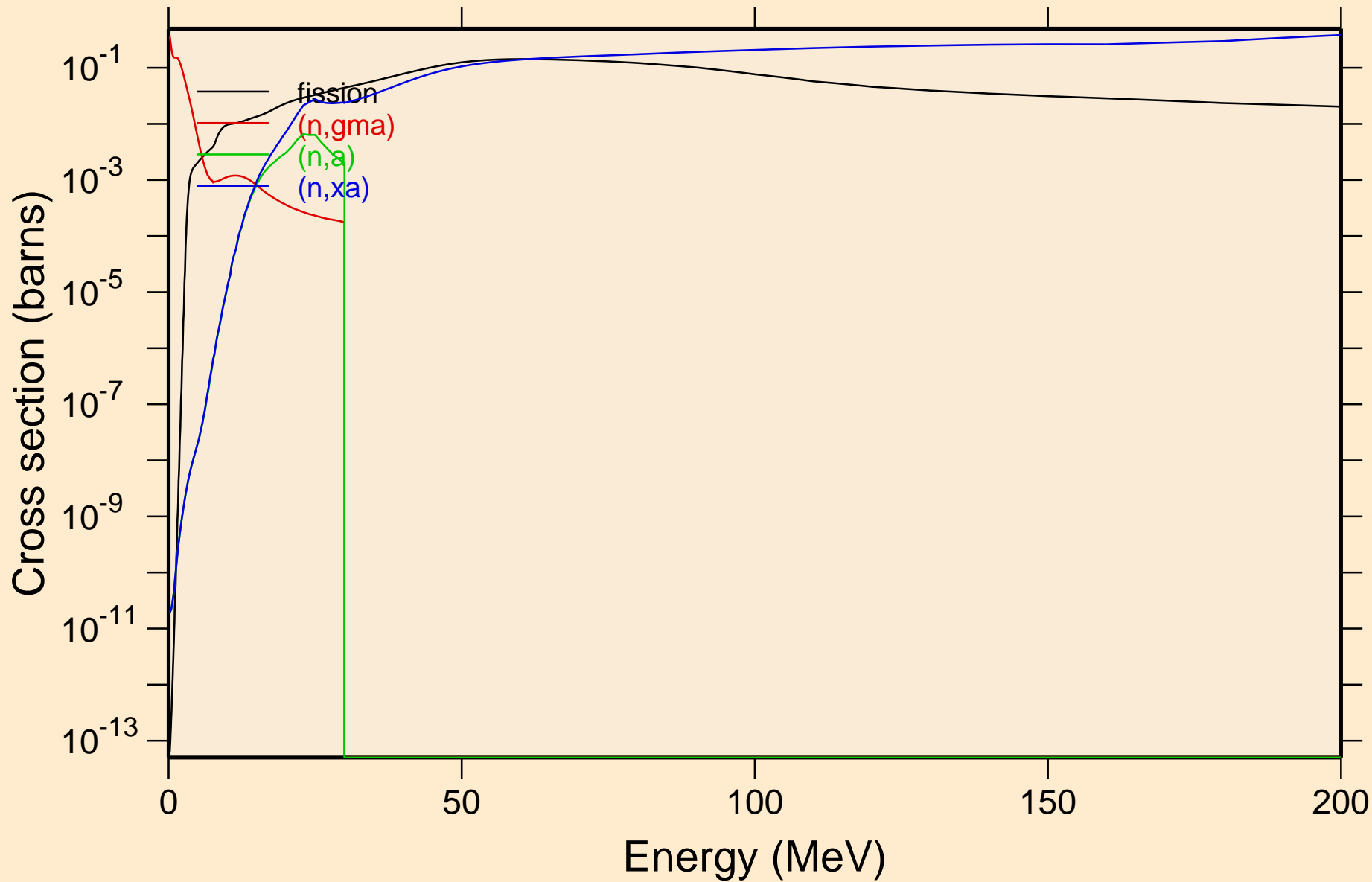
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



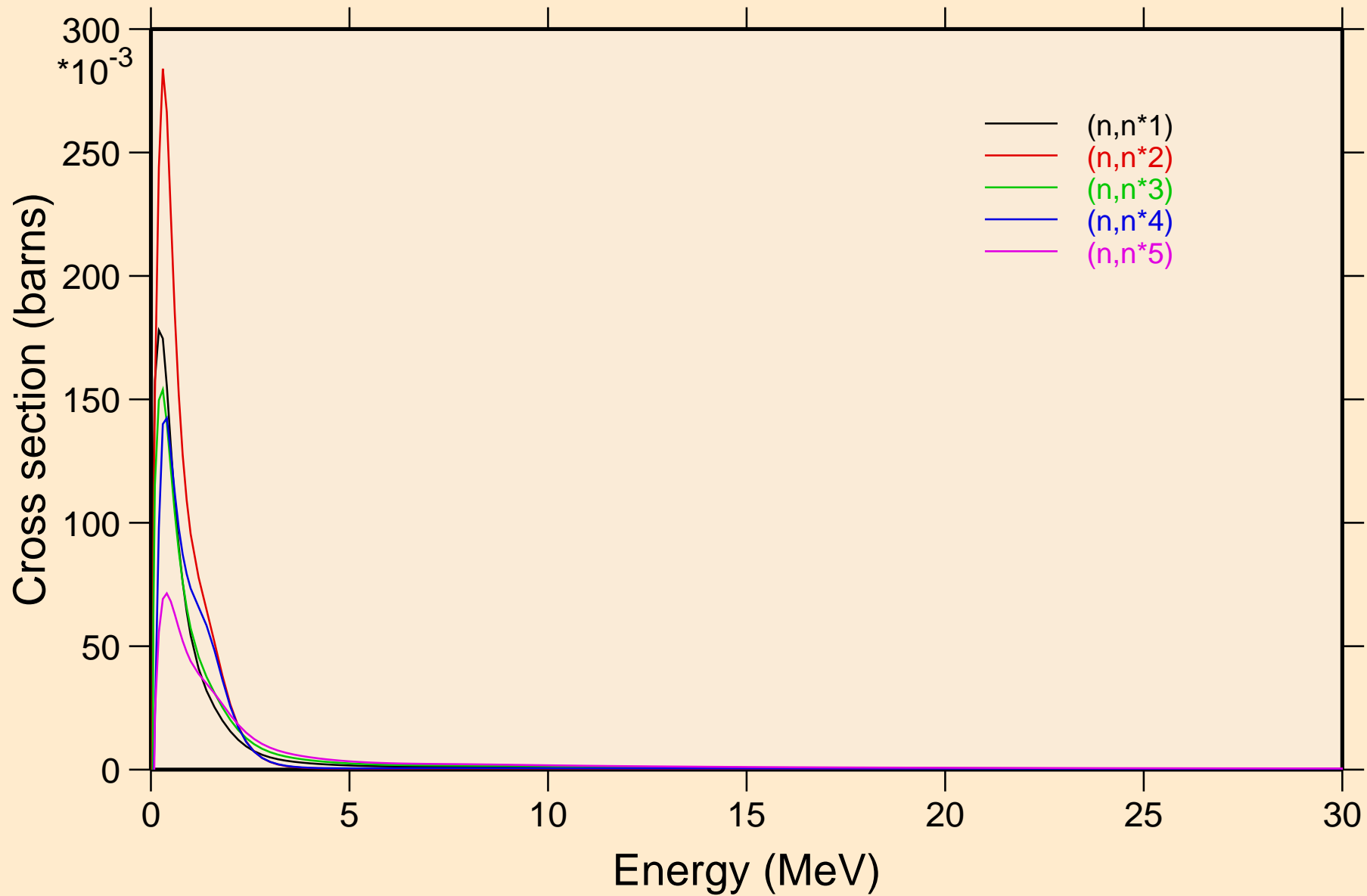
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



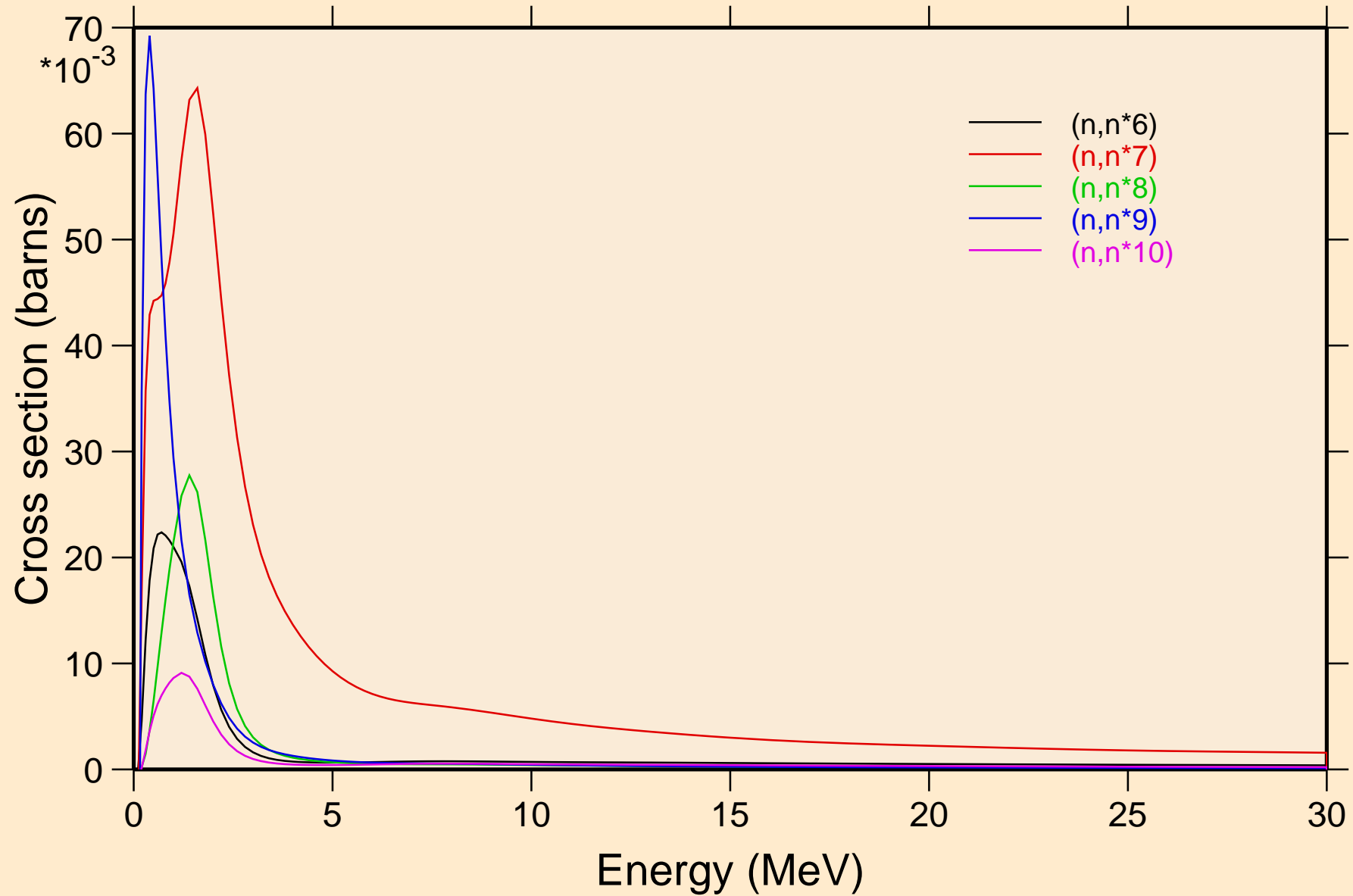
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

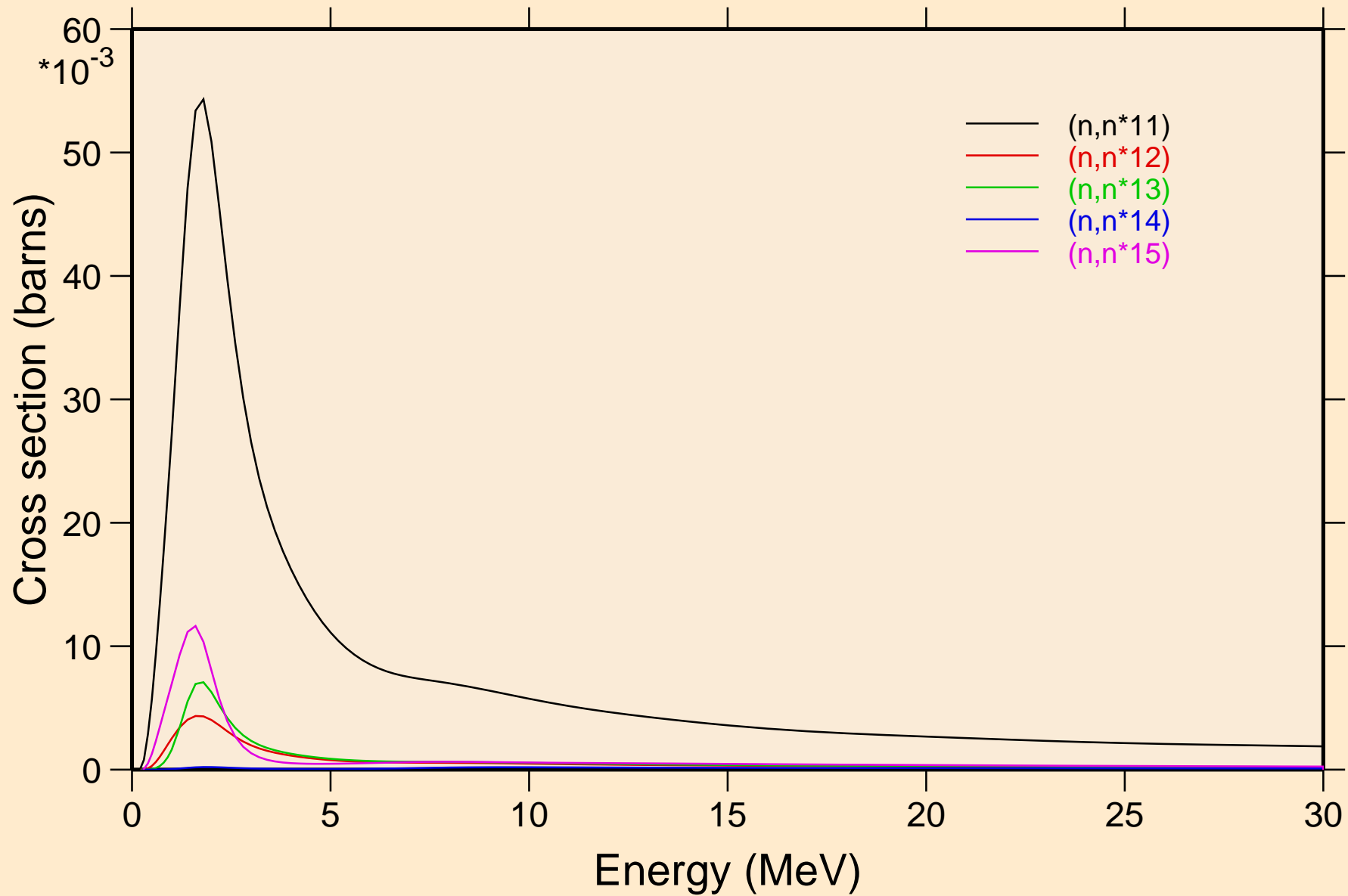


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

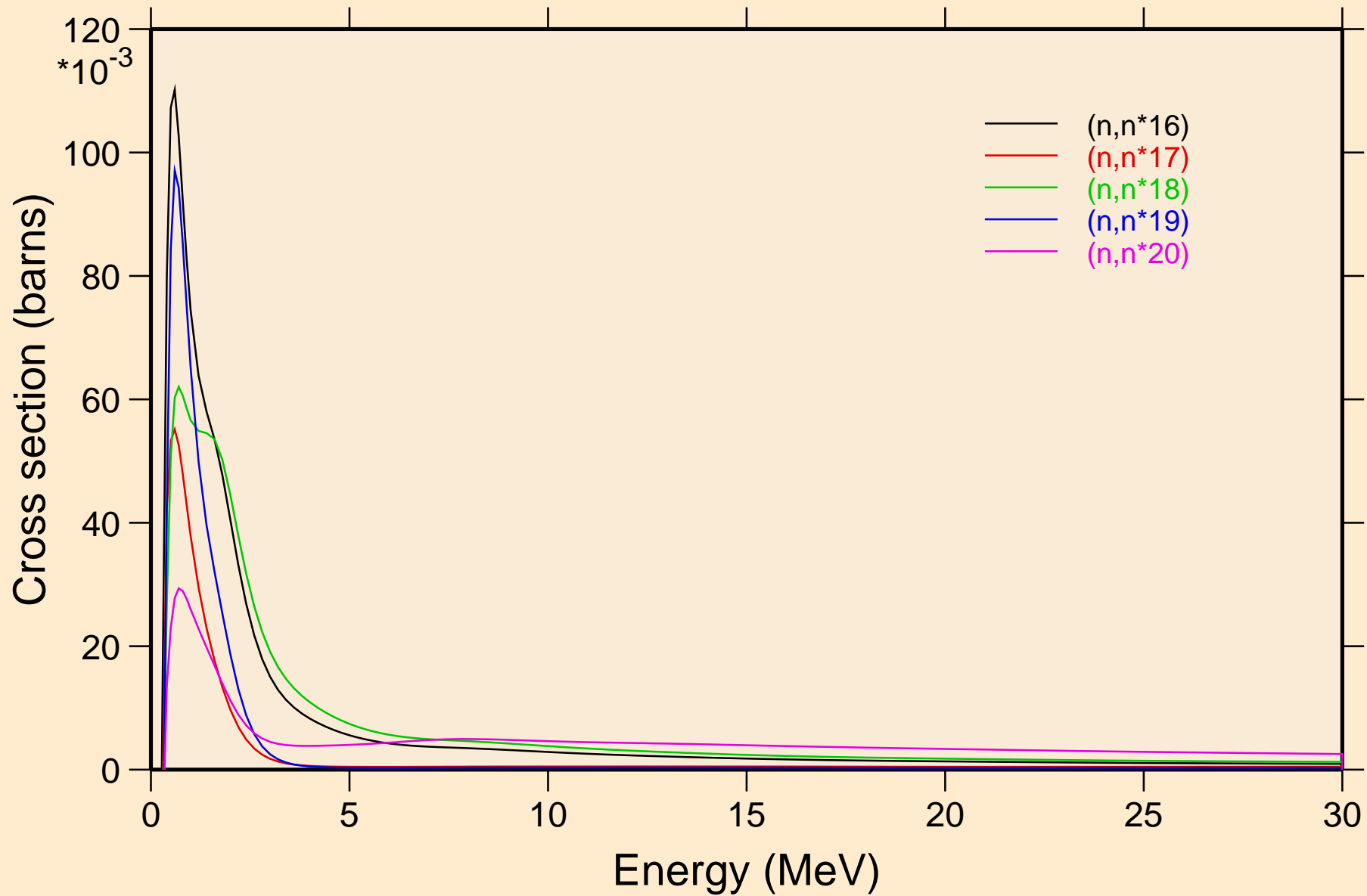




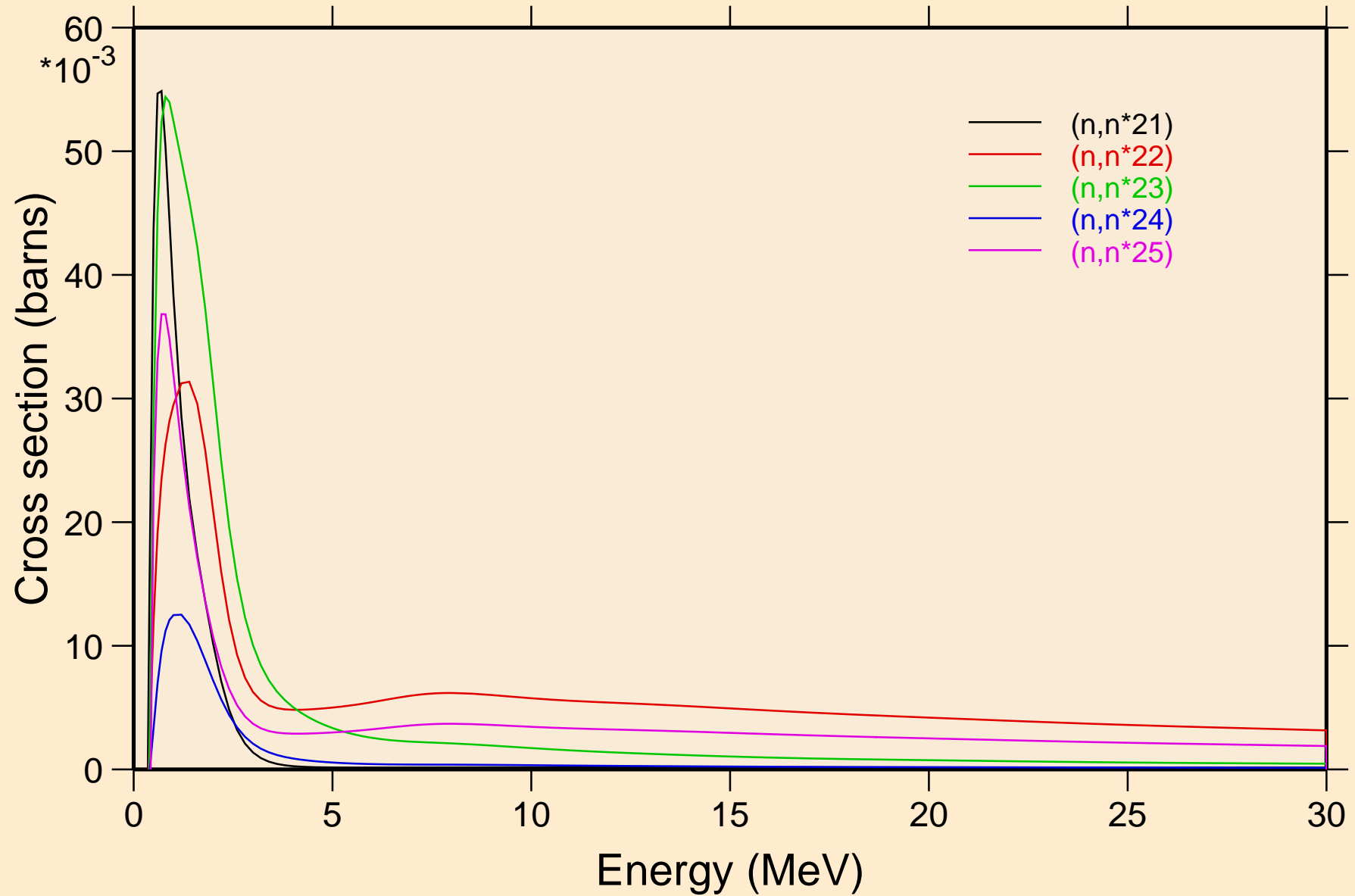
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



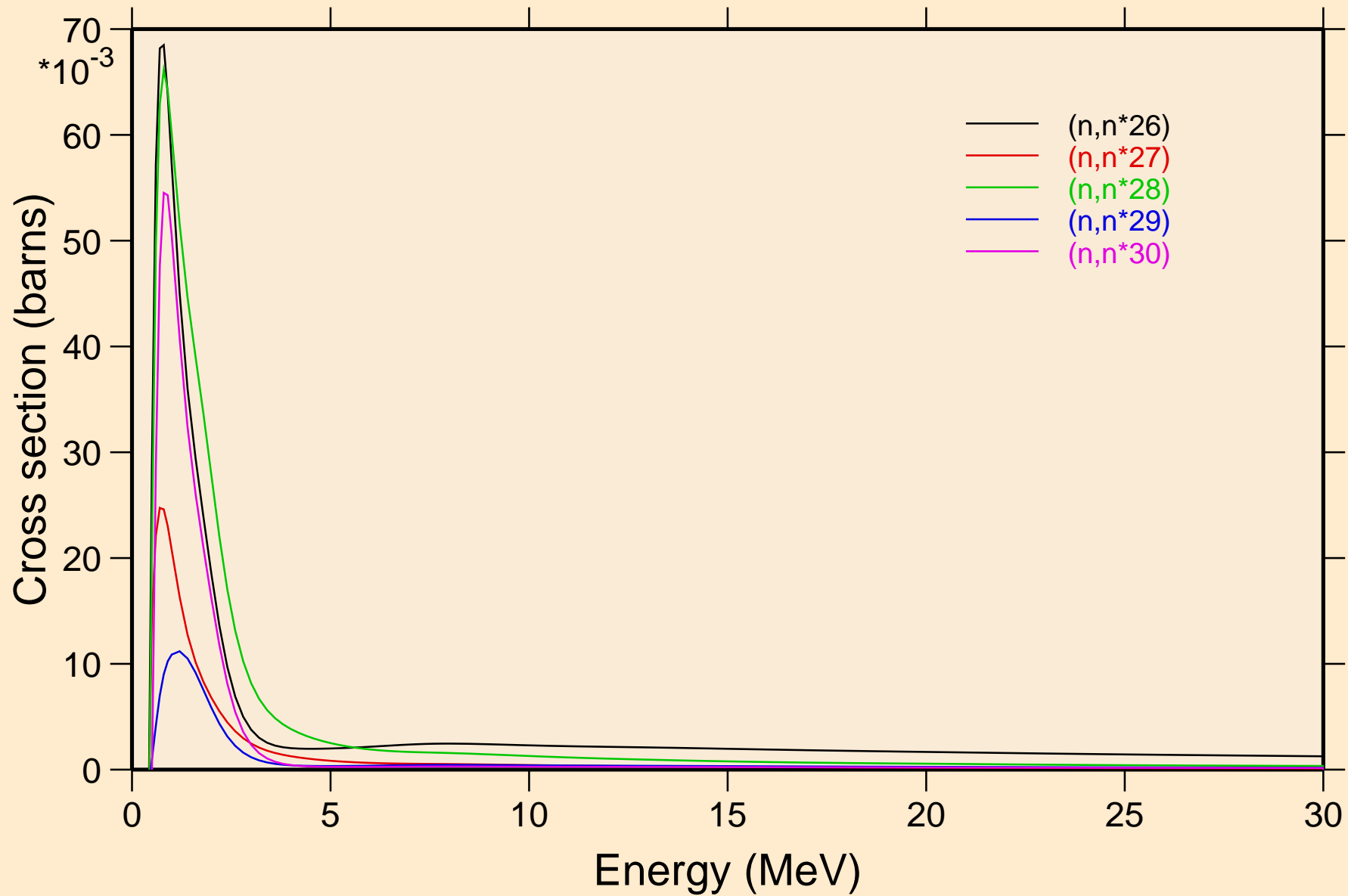
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



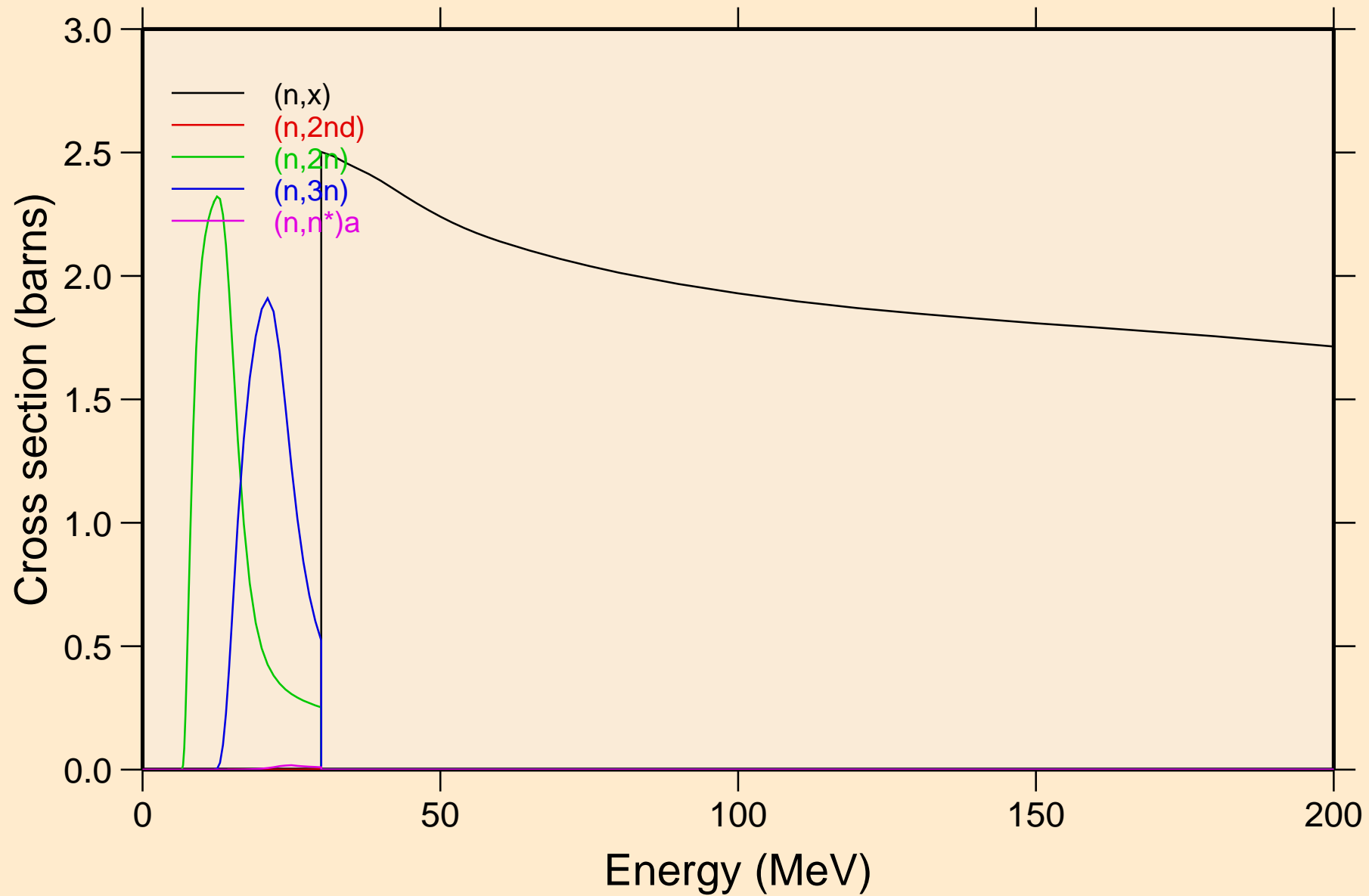
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



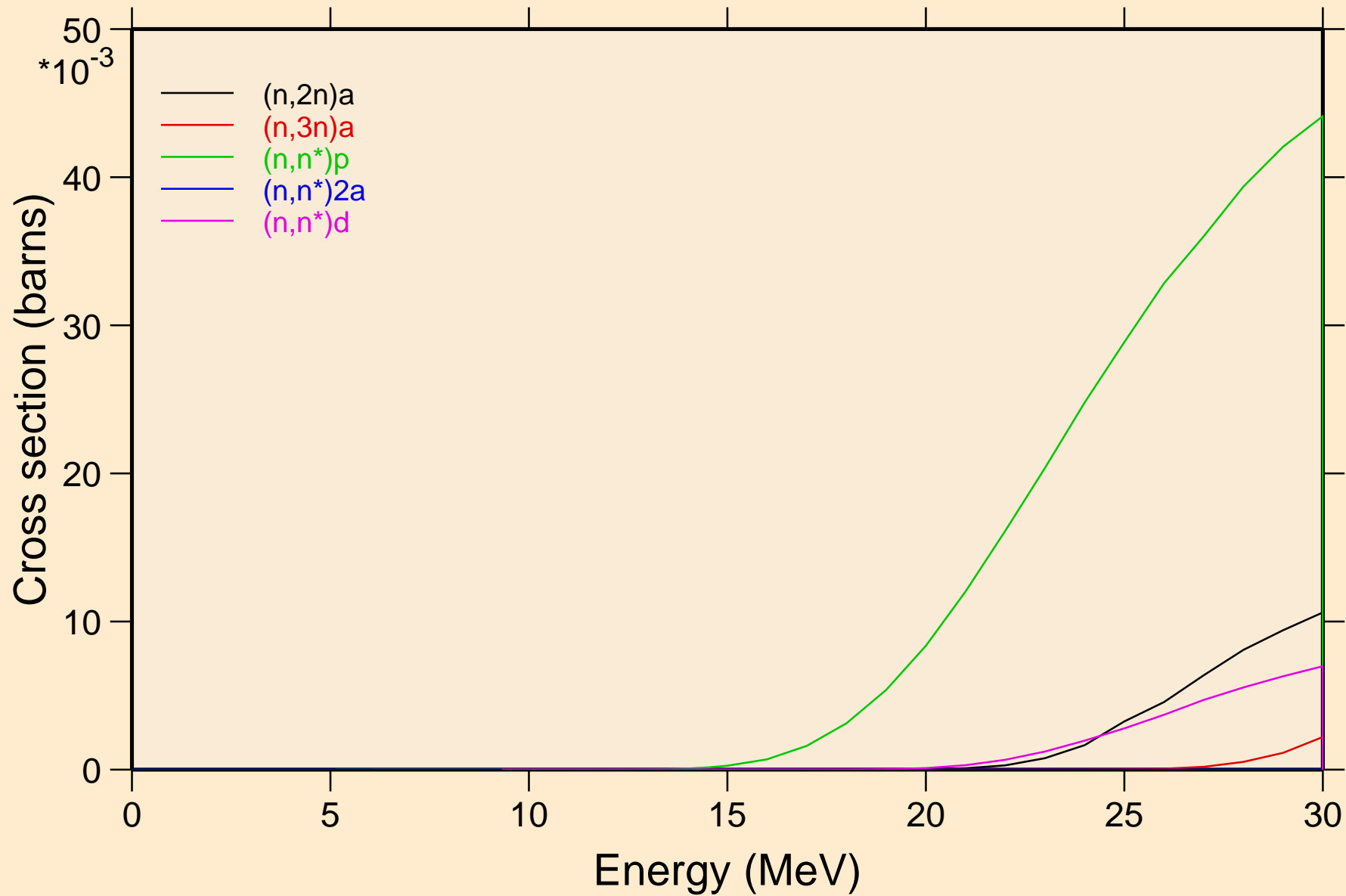
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



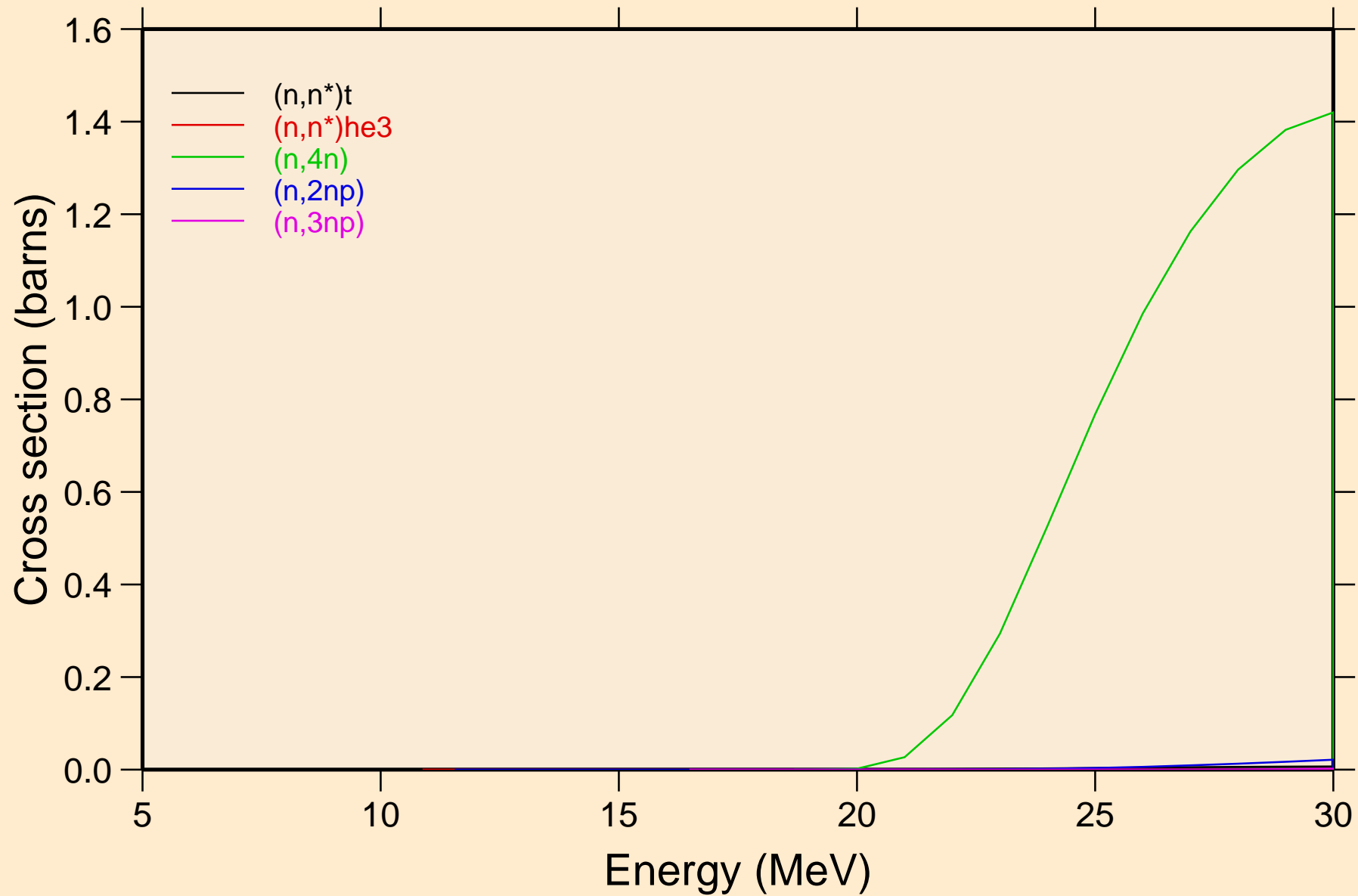
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



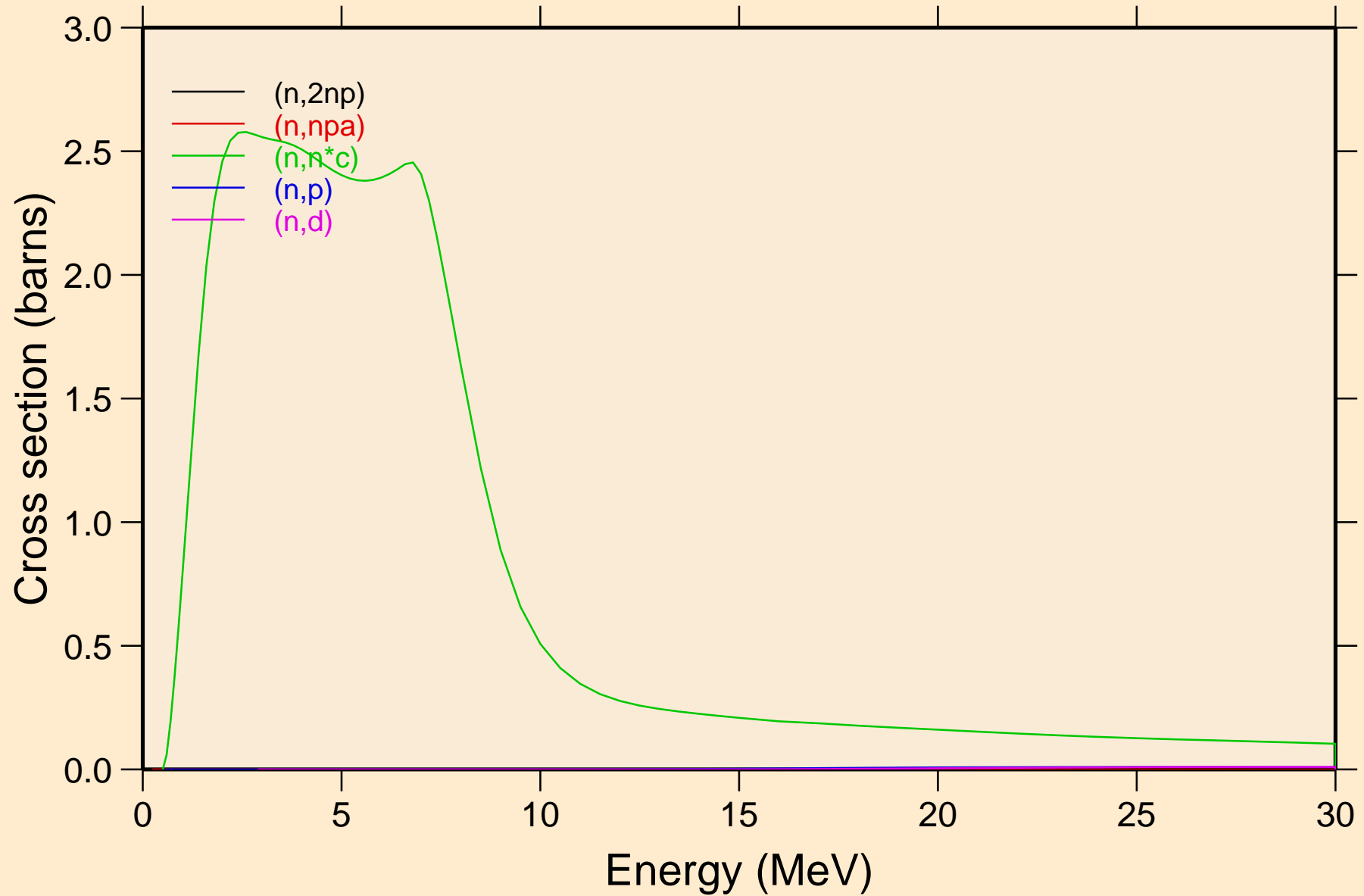
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

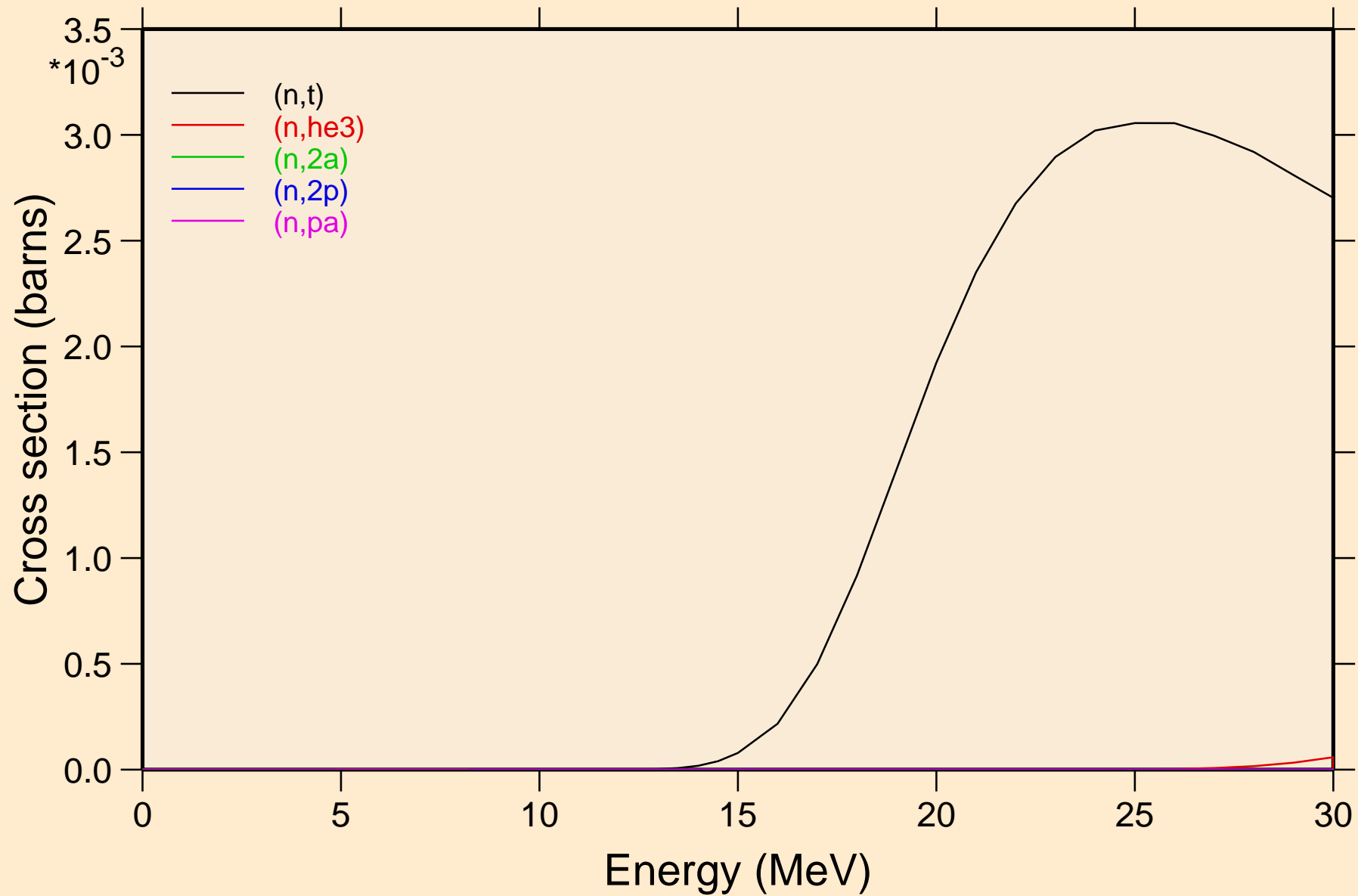


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

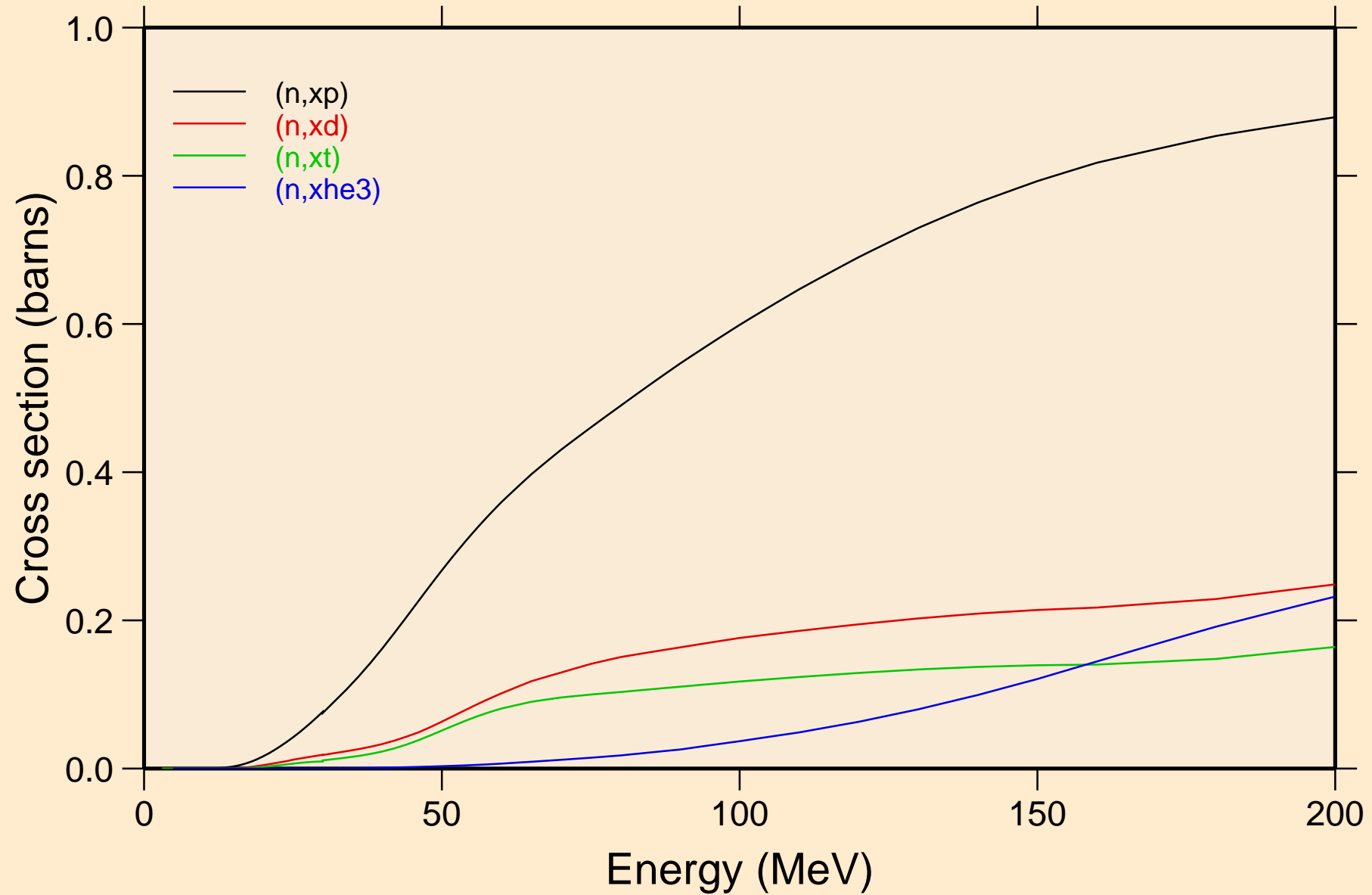




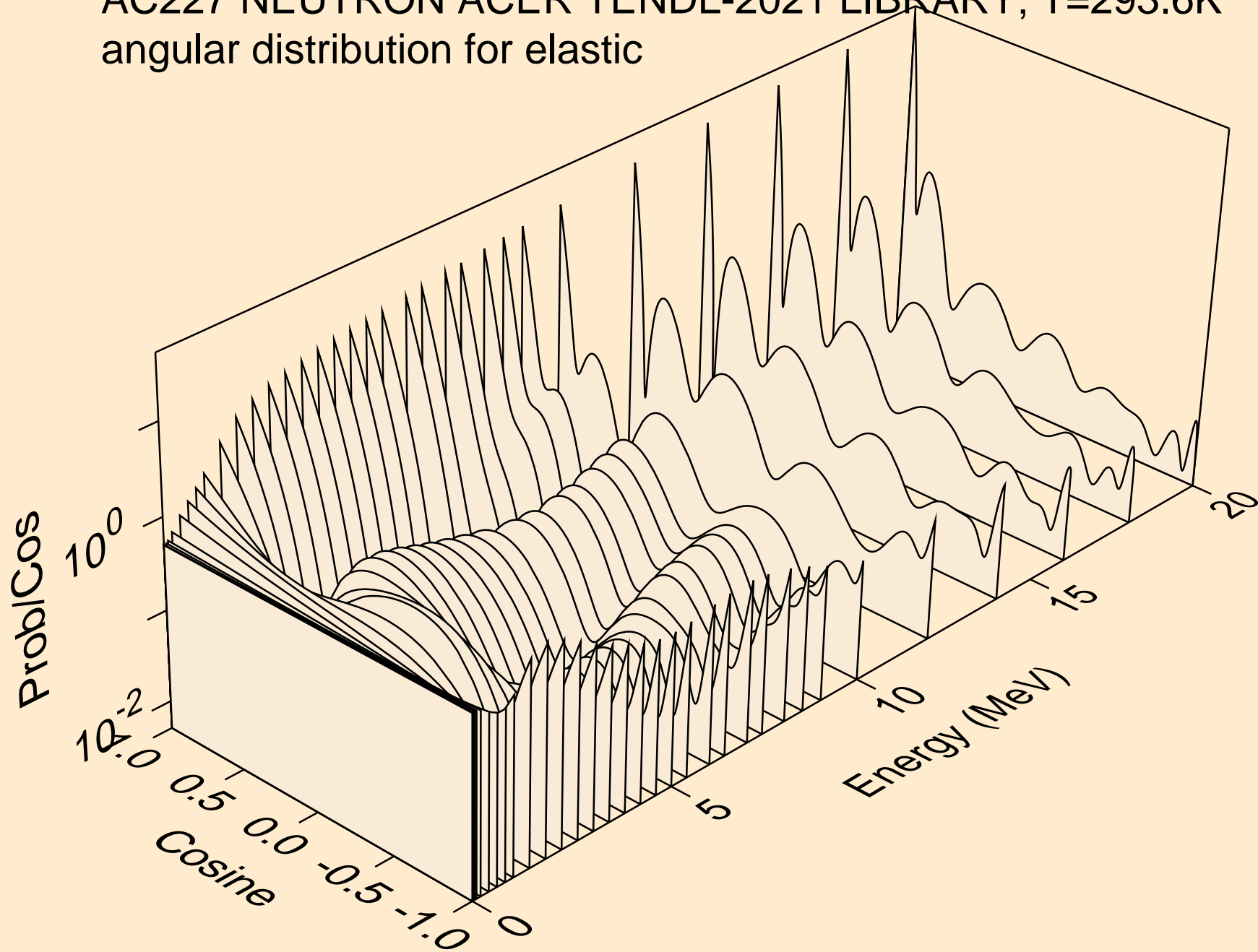
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



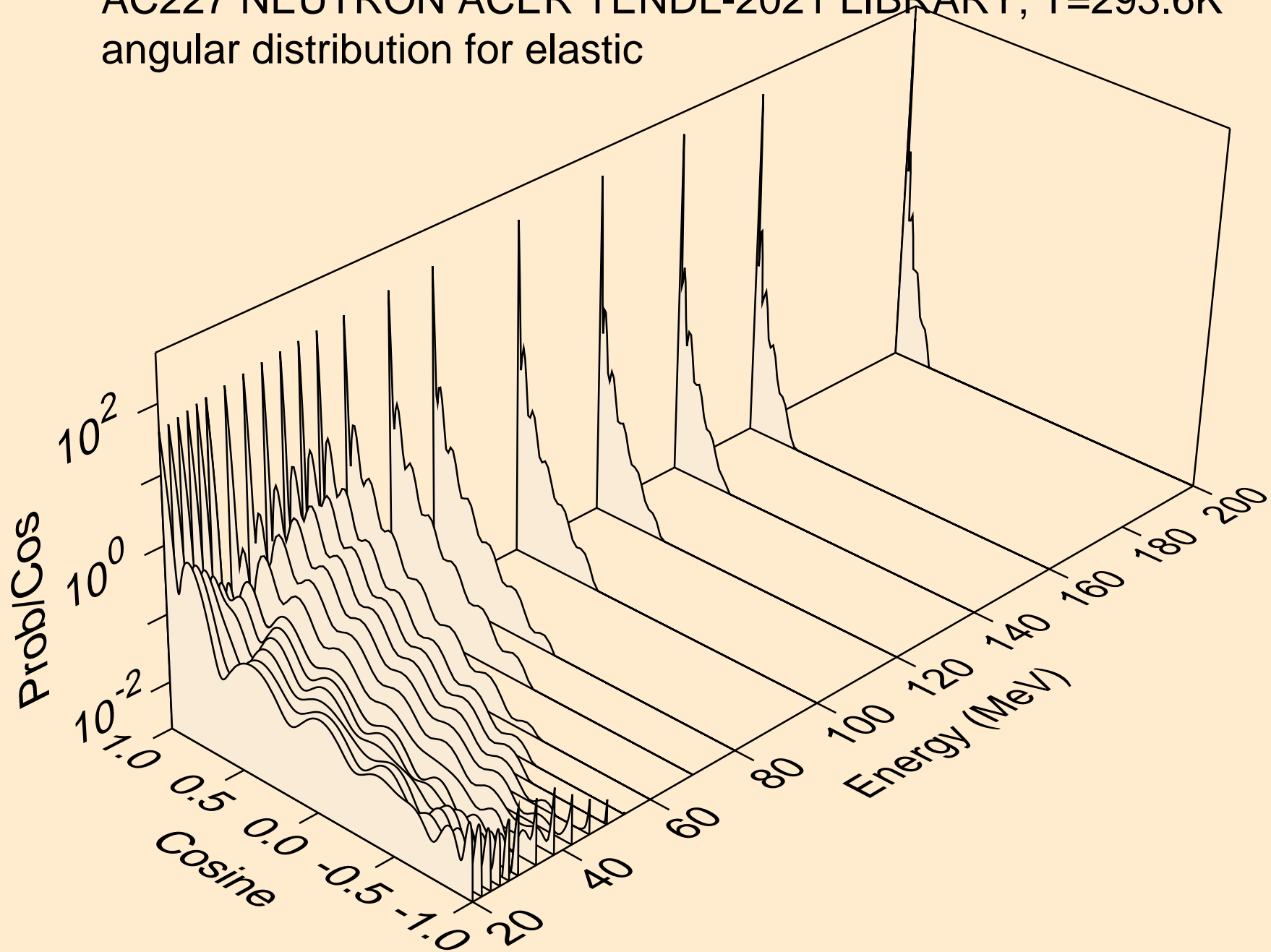
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



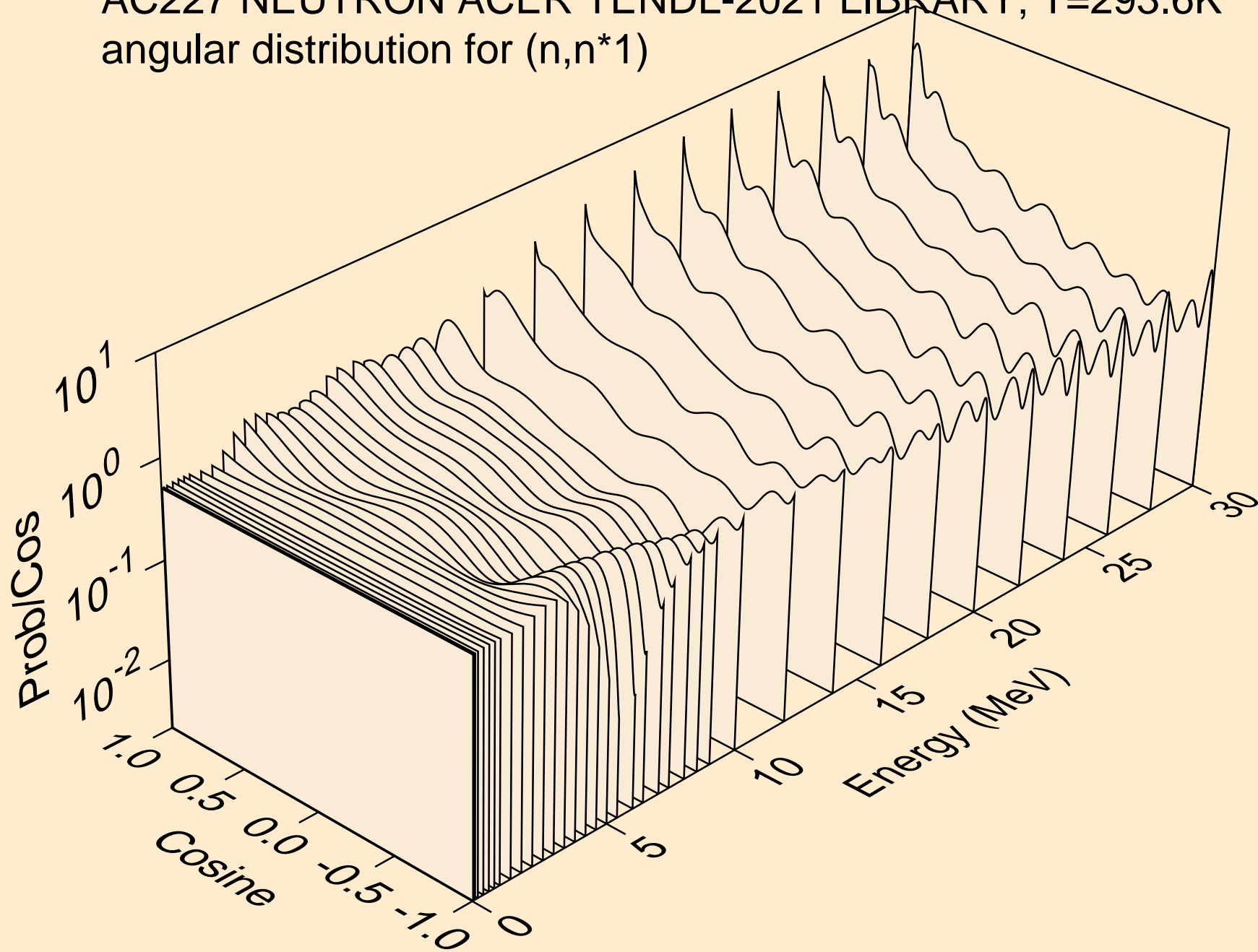
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



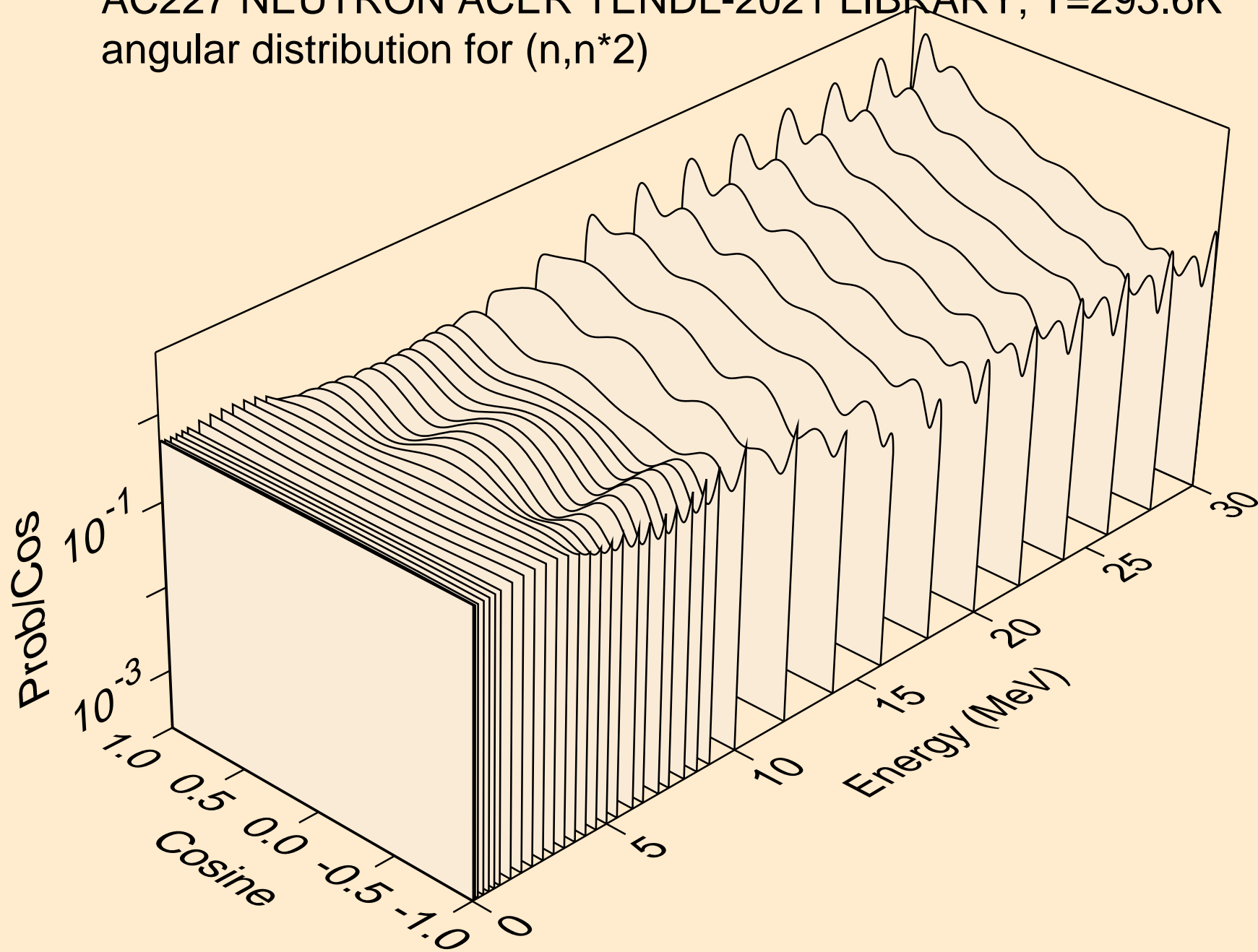
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angular distribution for elastic



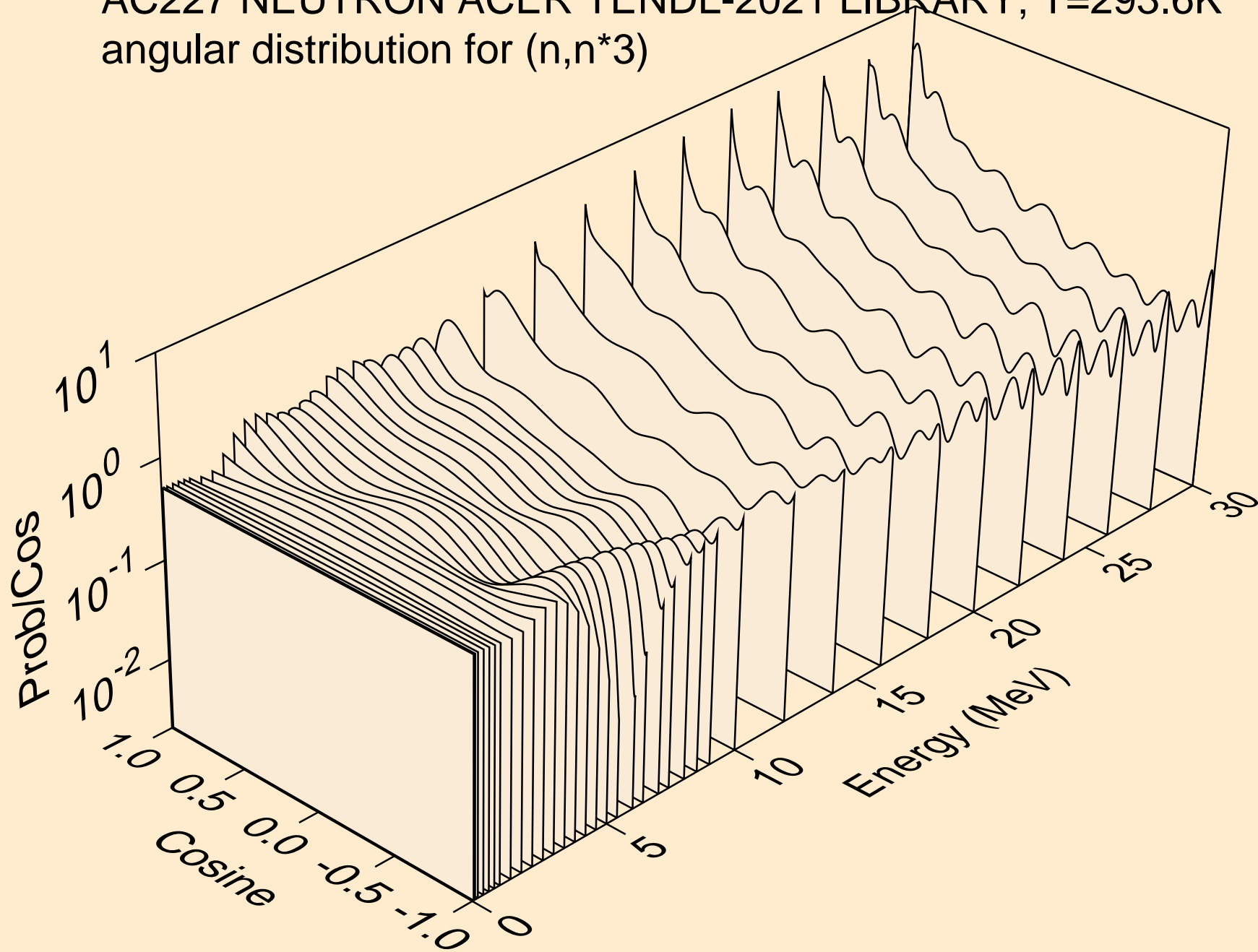
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



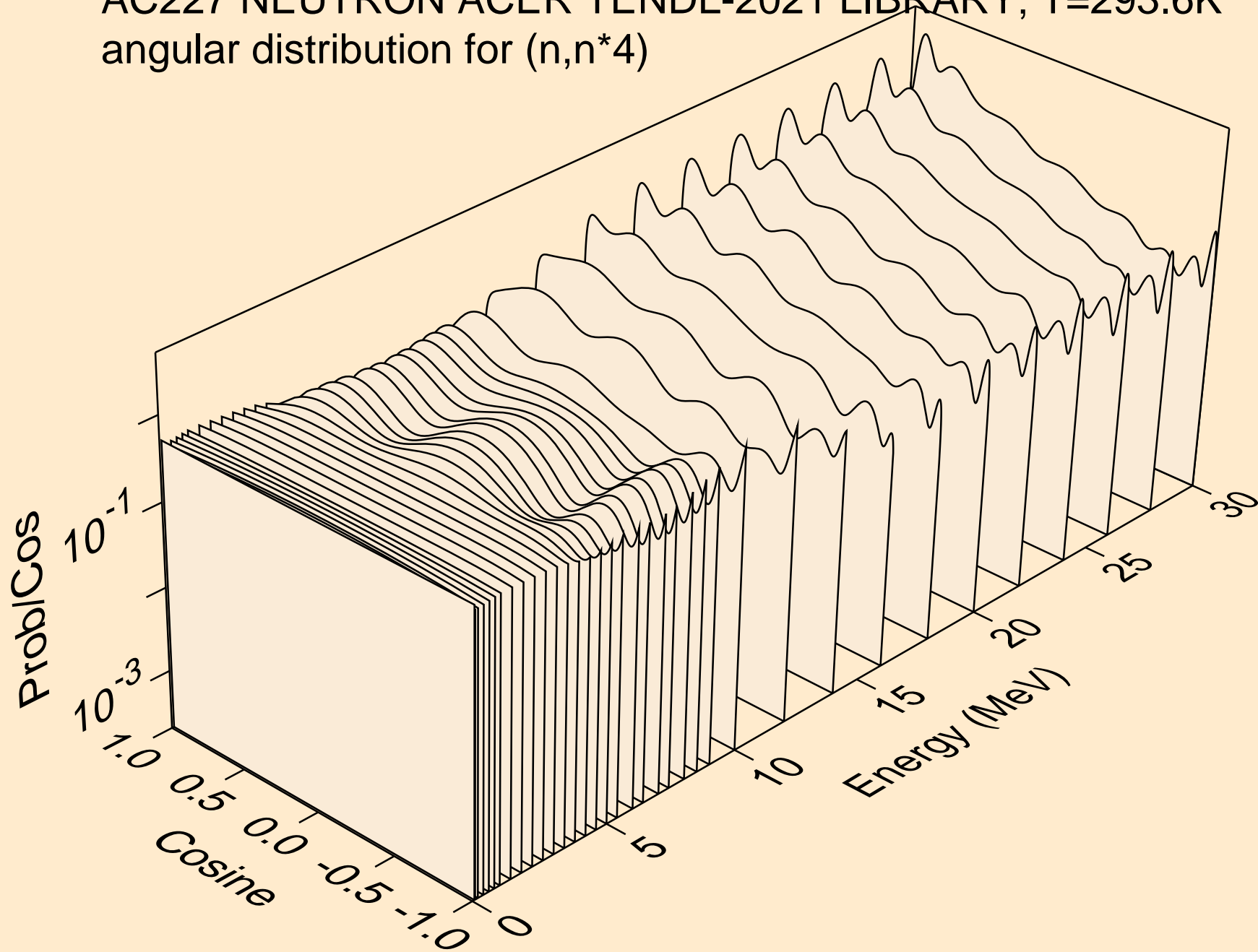
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

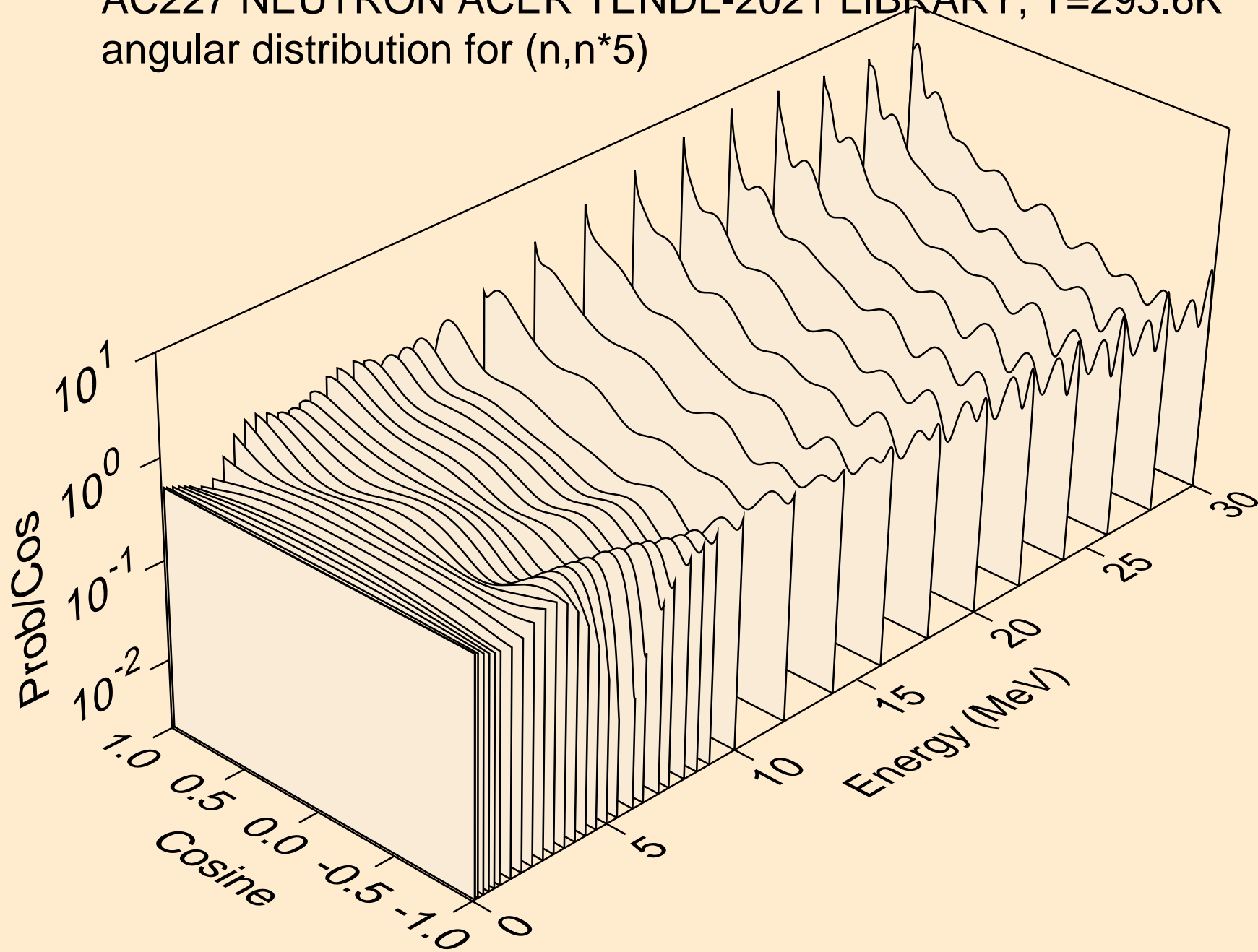


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

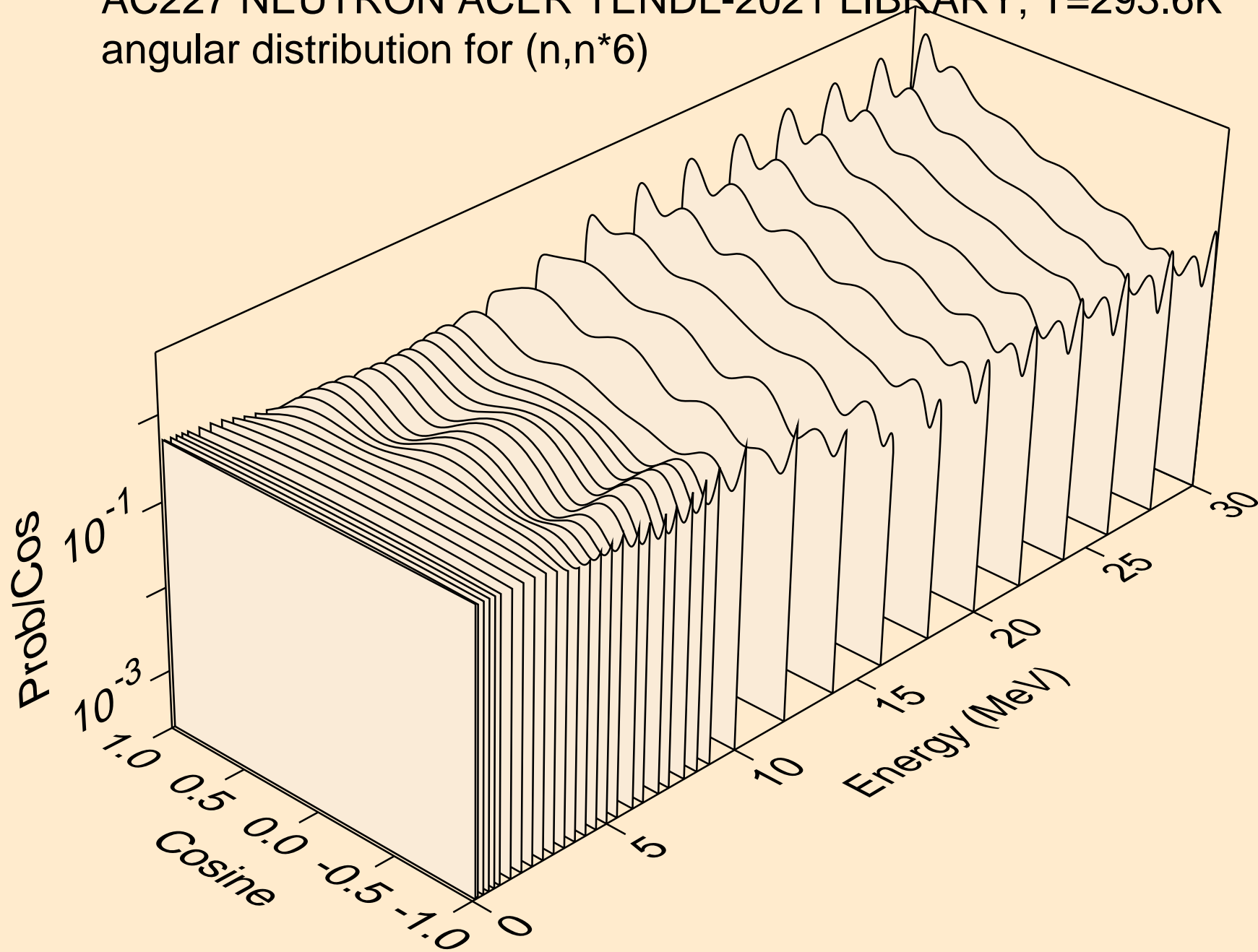




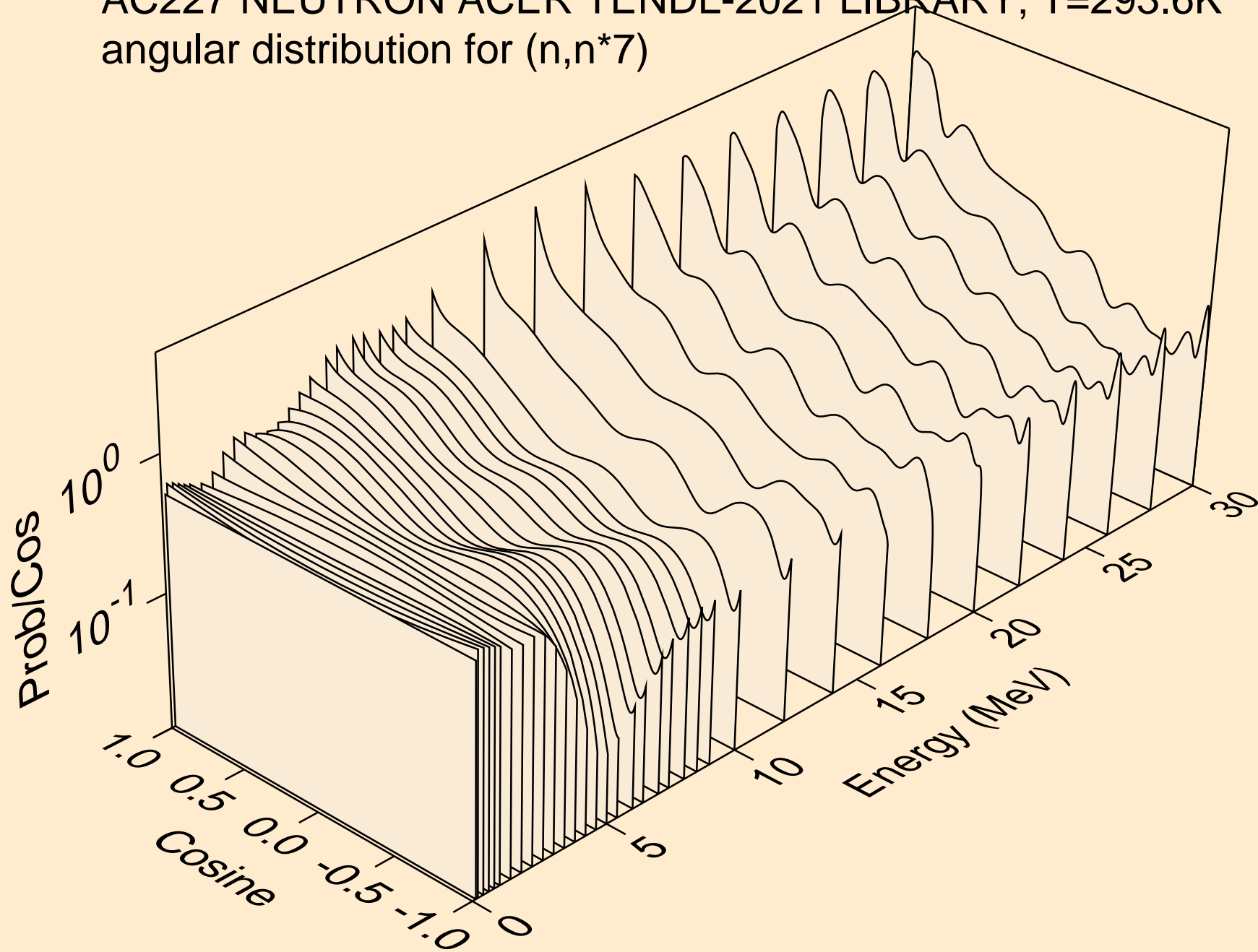
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angular distribution for (n,n\*5)



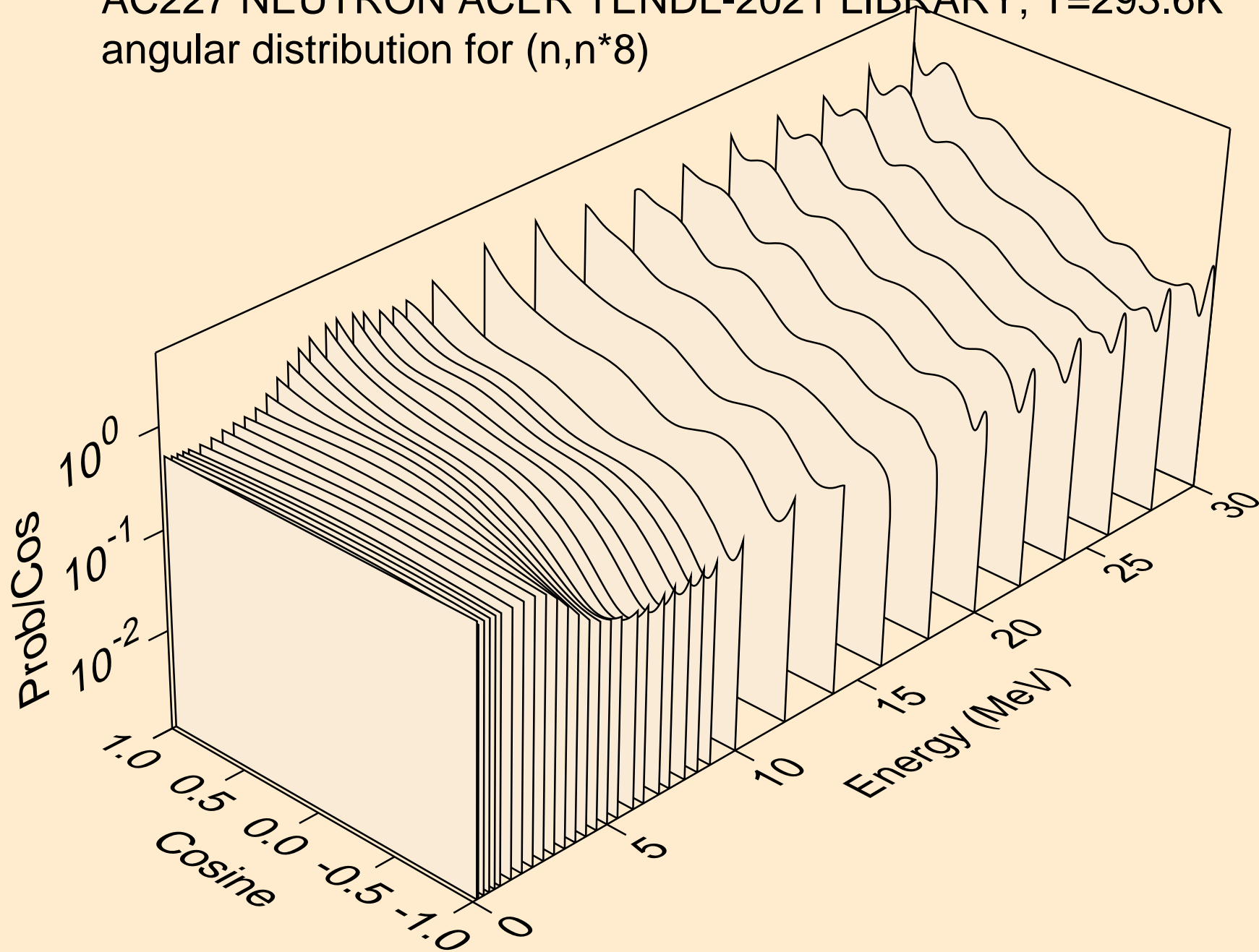
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



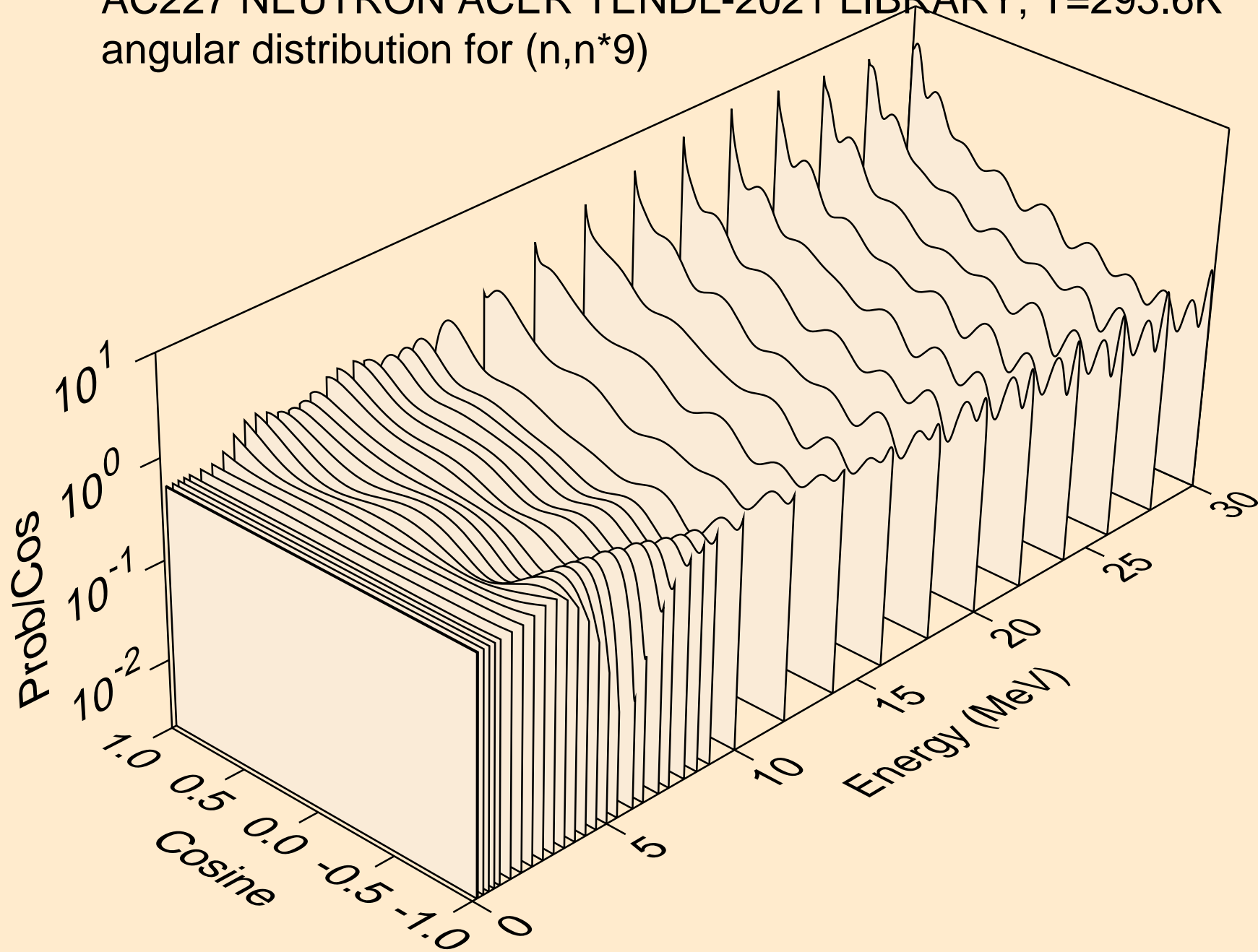
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angular distribution for (n,n\*7)



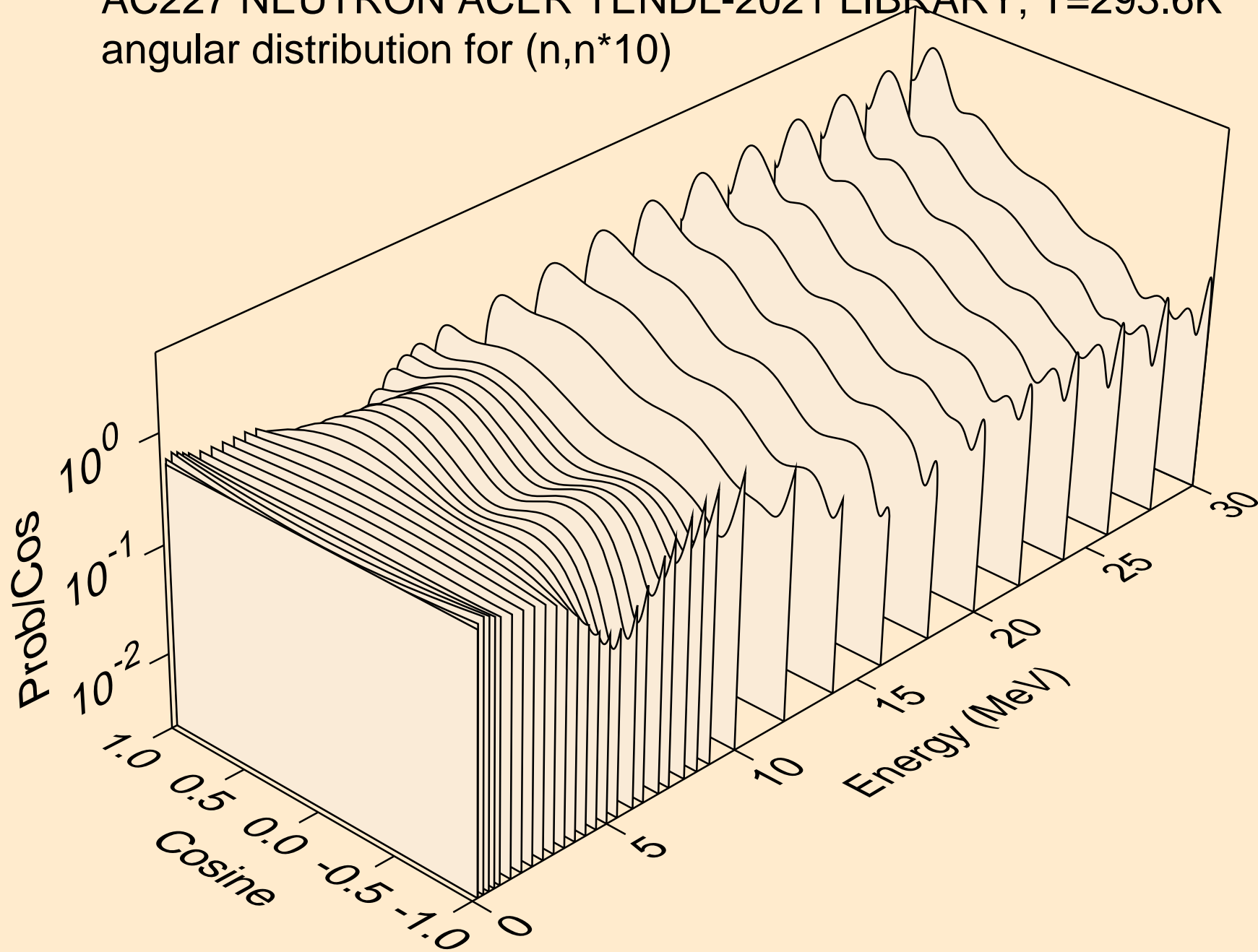
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angular distribution for (n,n\*8)



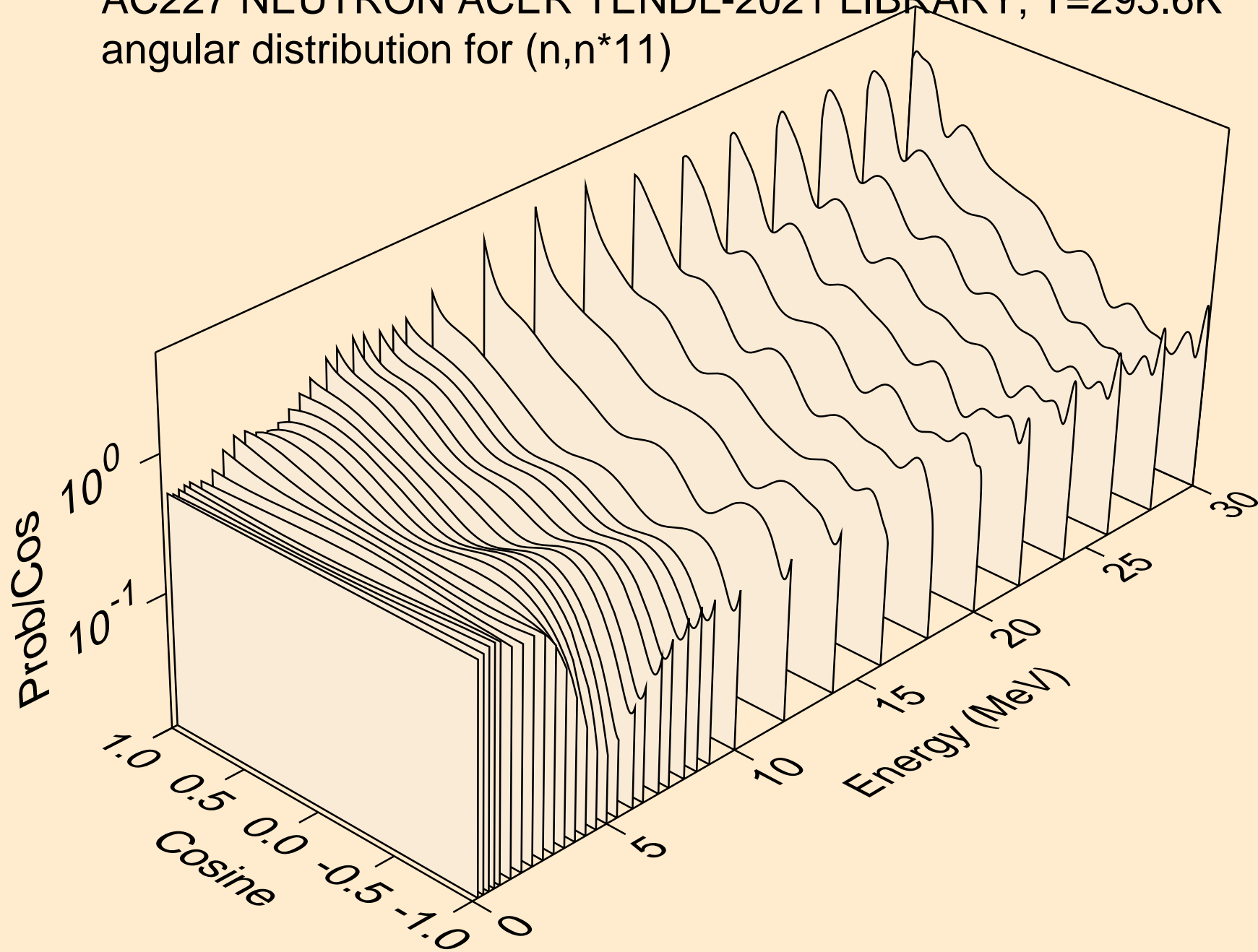
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



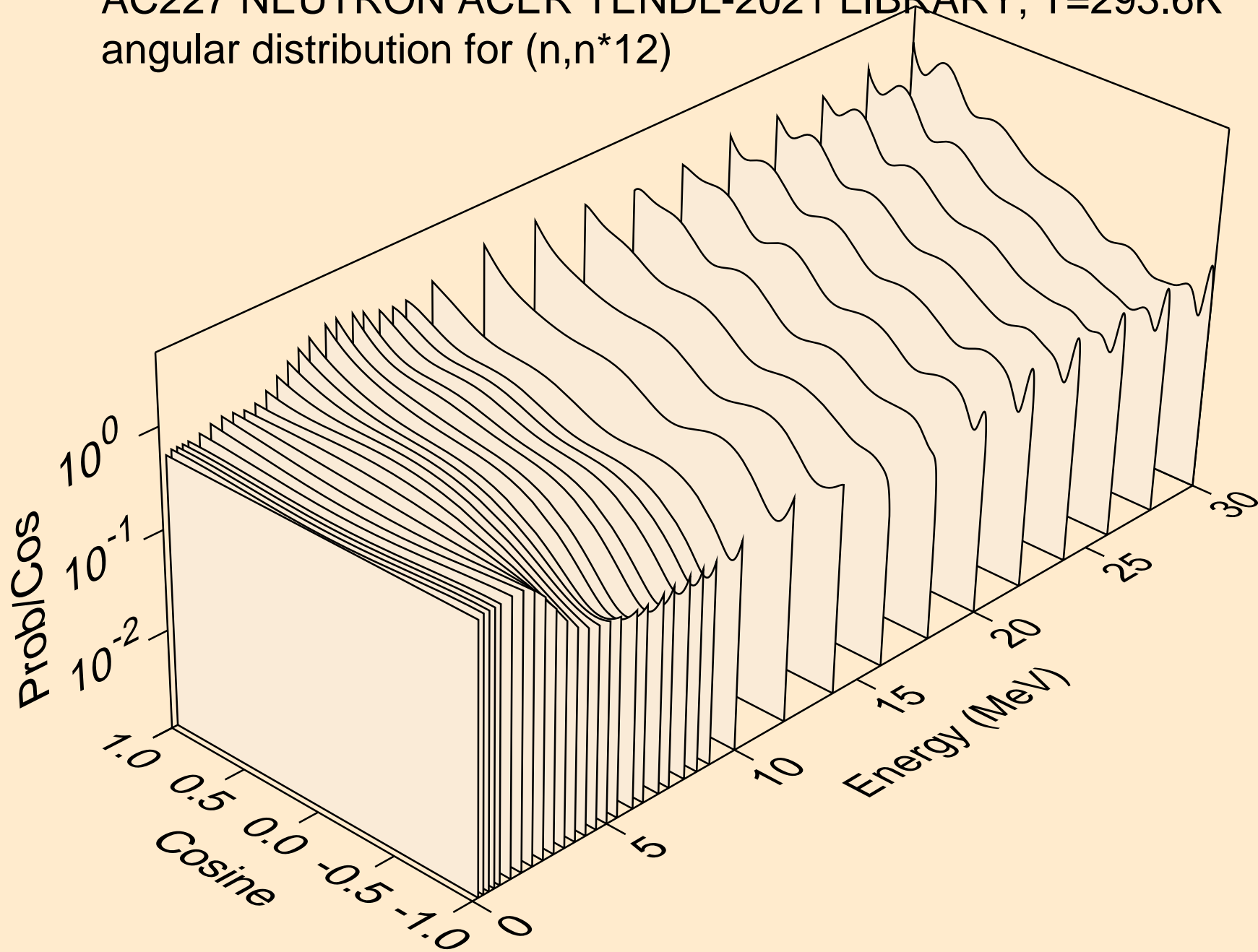
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

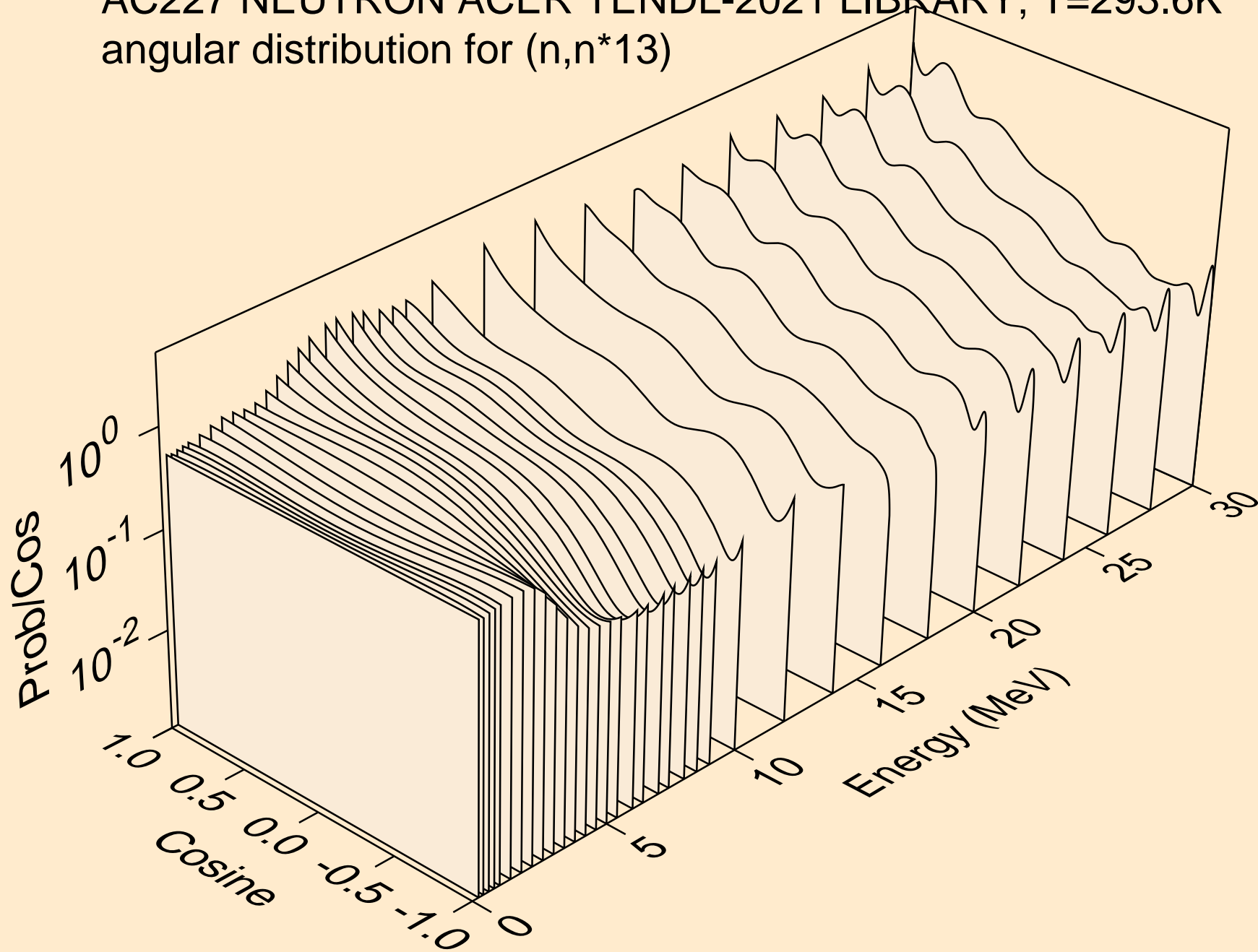


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)

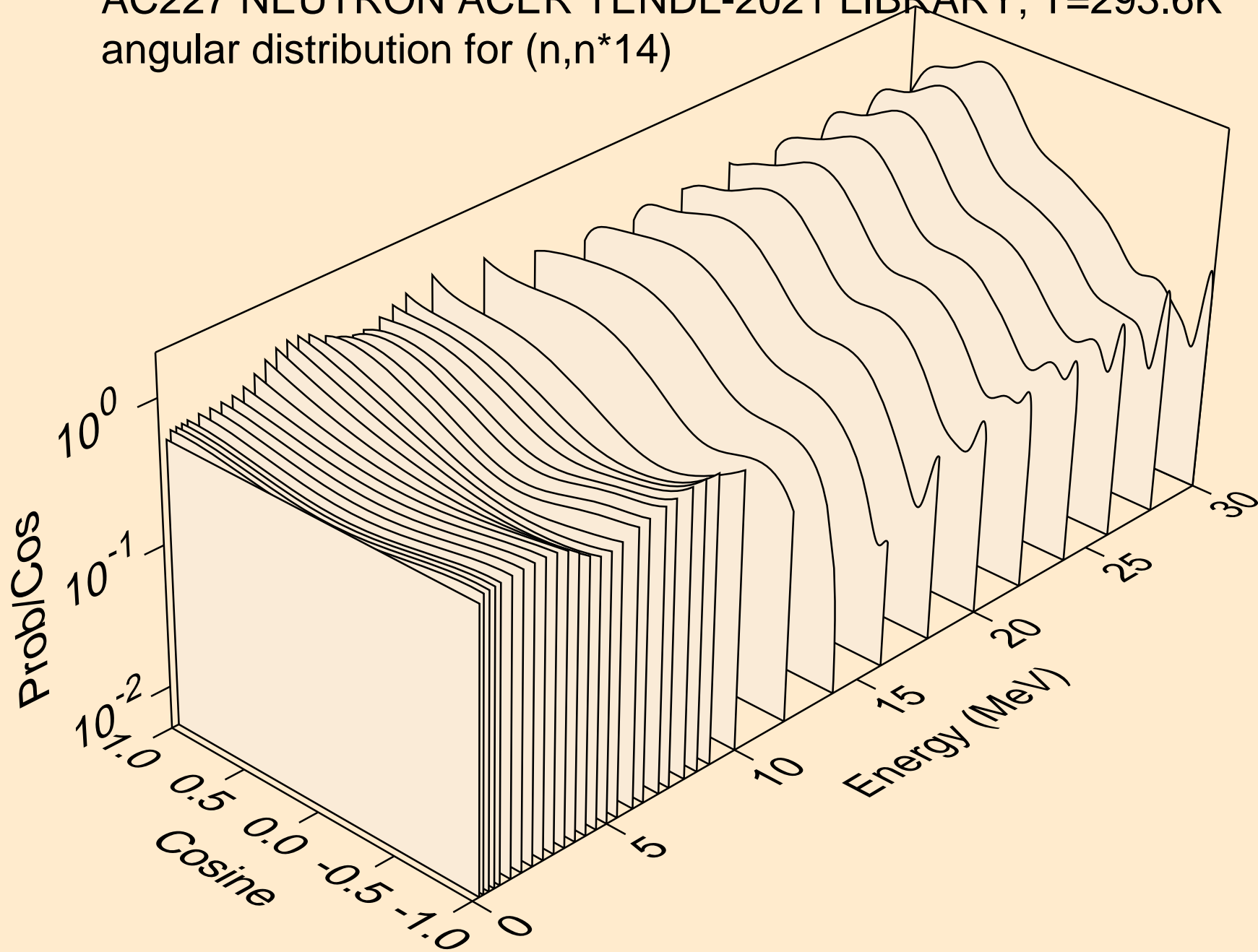




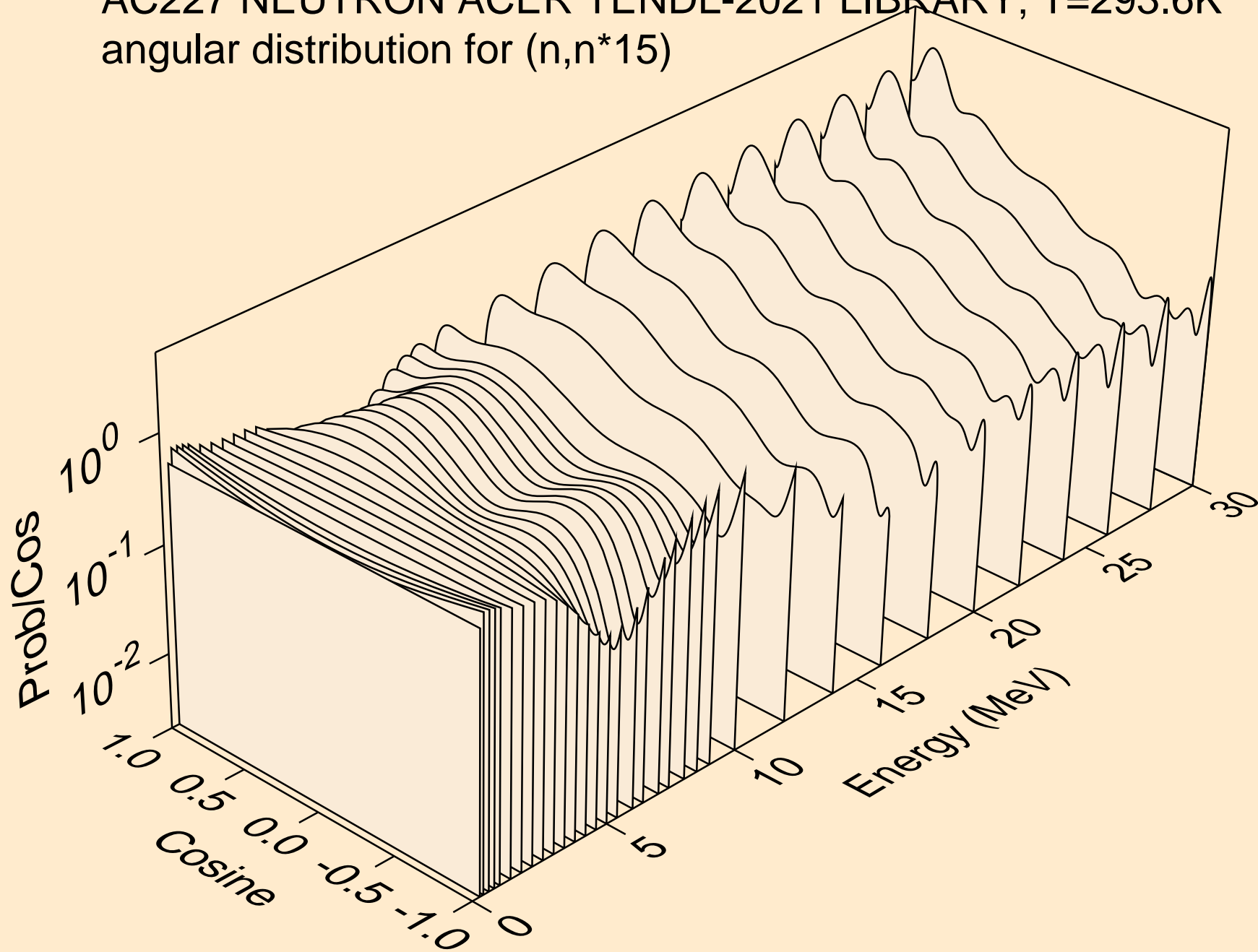
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



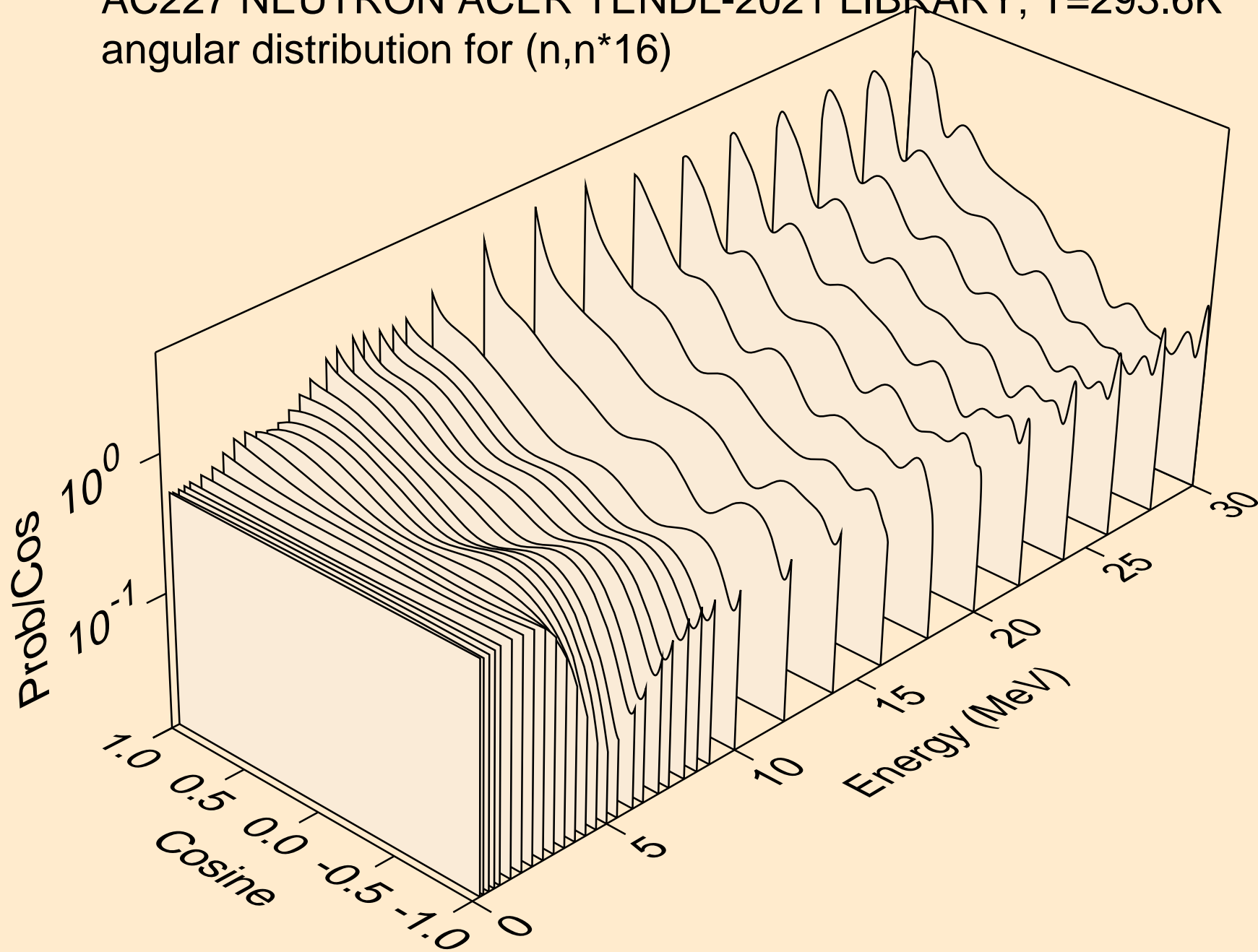
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angular distribution for (n,n\*14)



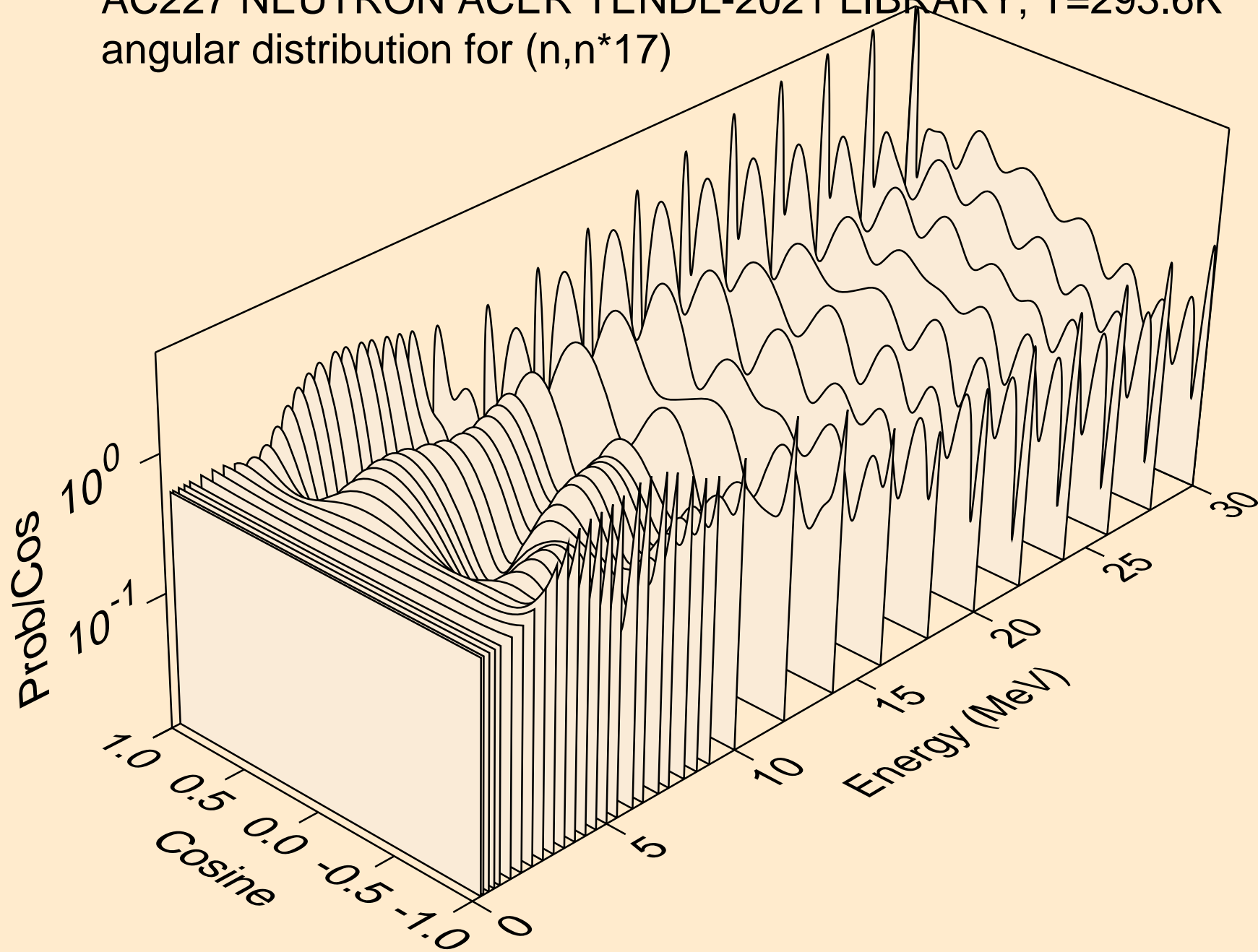
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



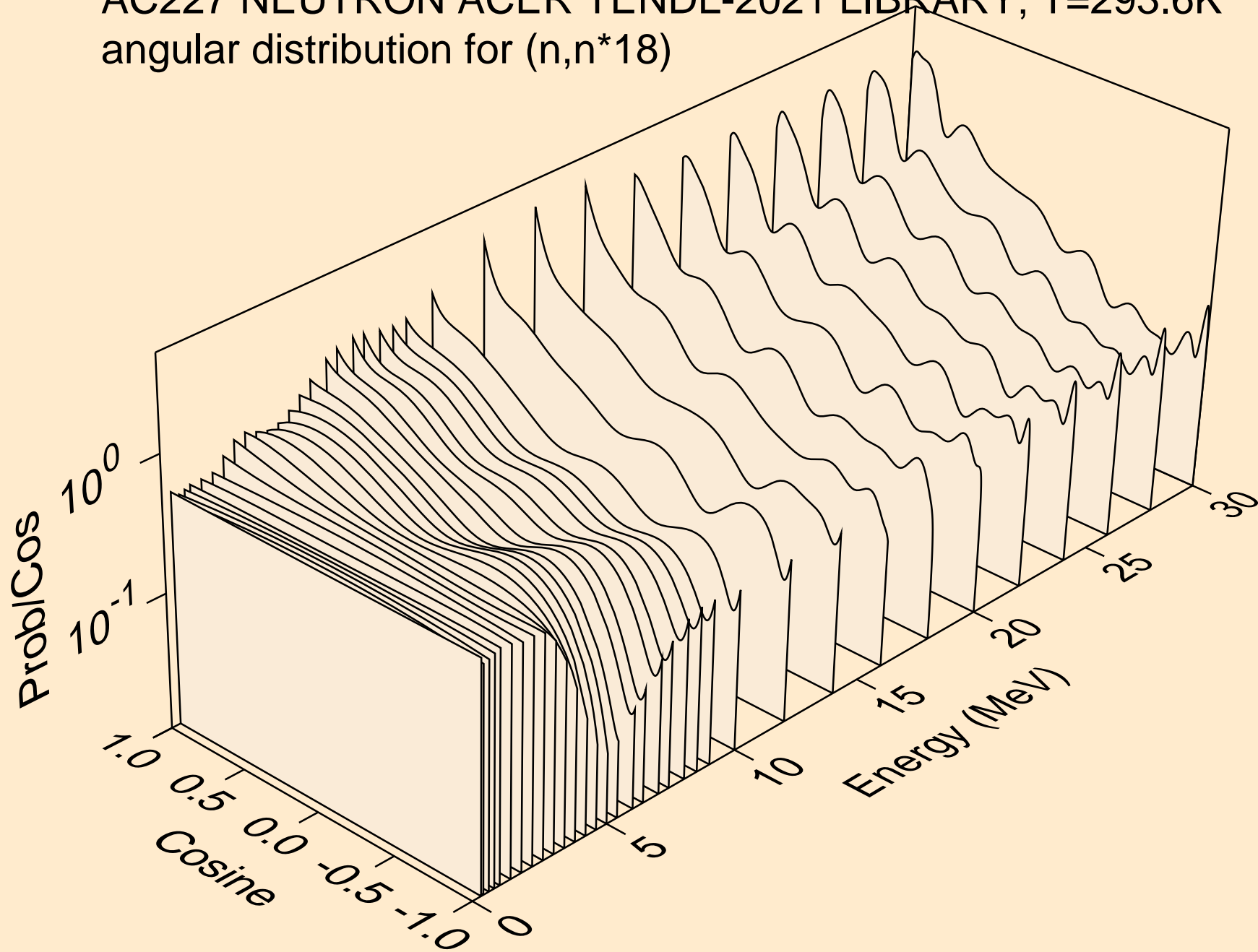
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angular distribution for (n,n\*16)



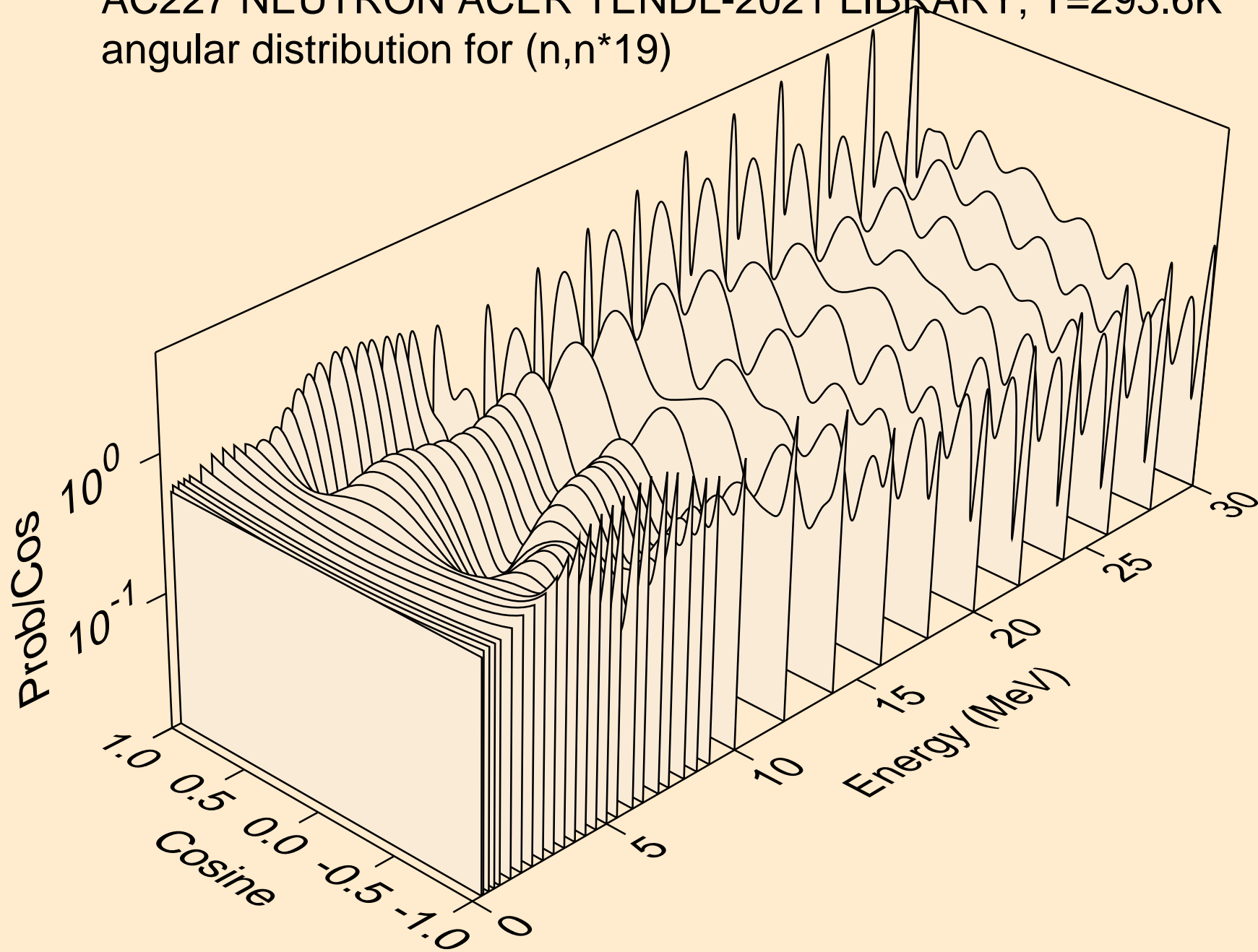
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angular distribution for (n,n\*17)



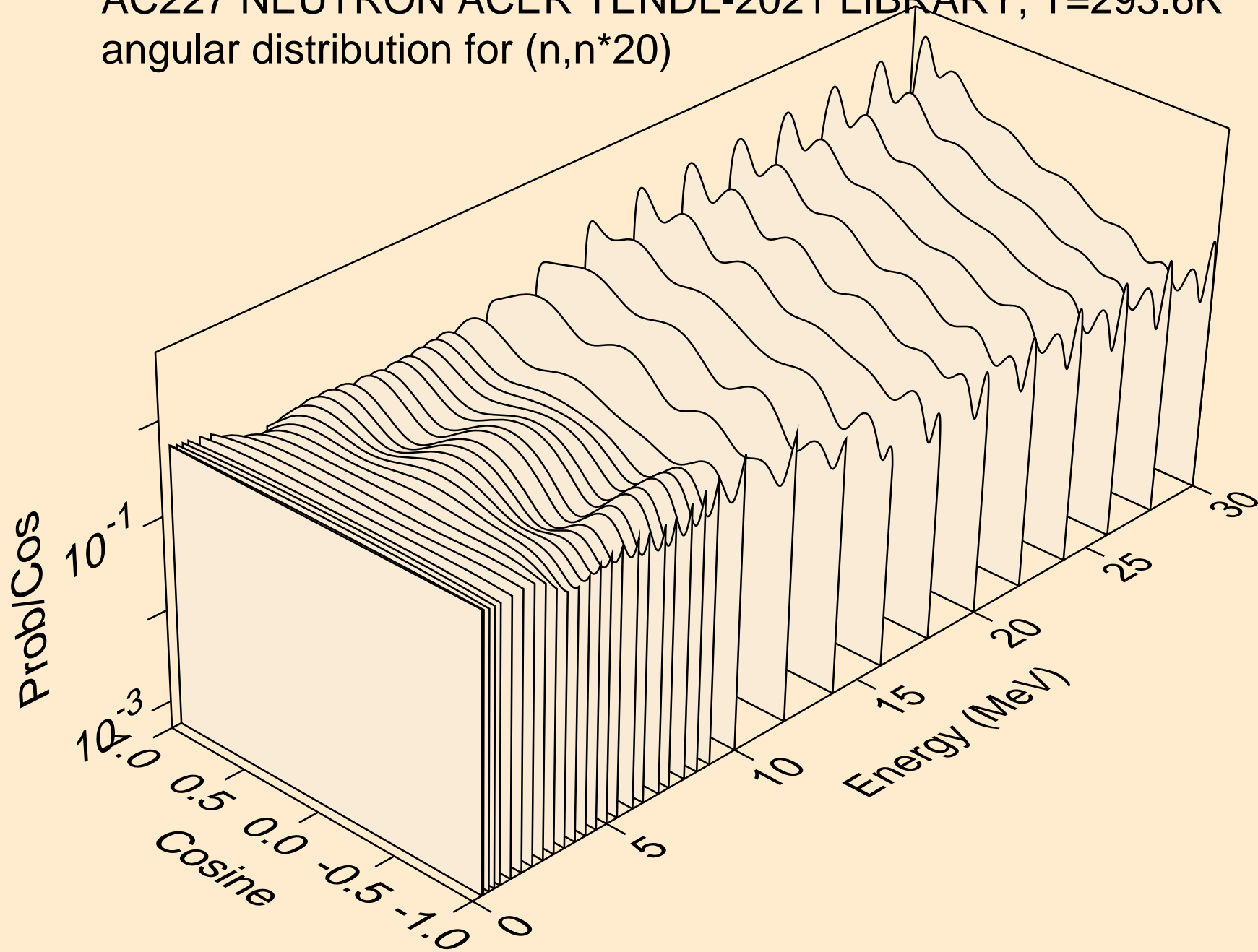
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

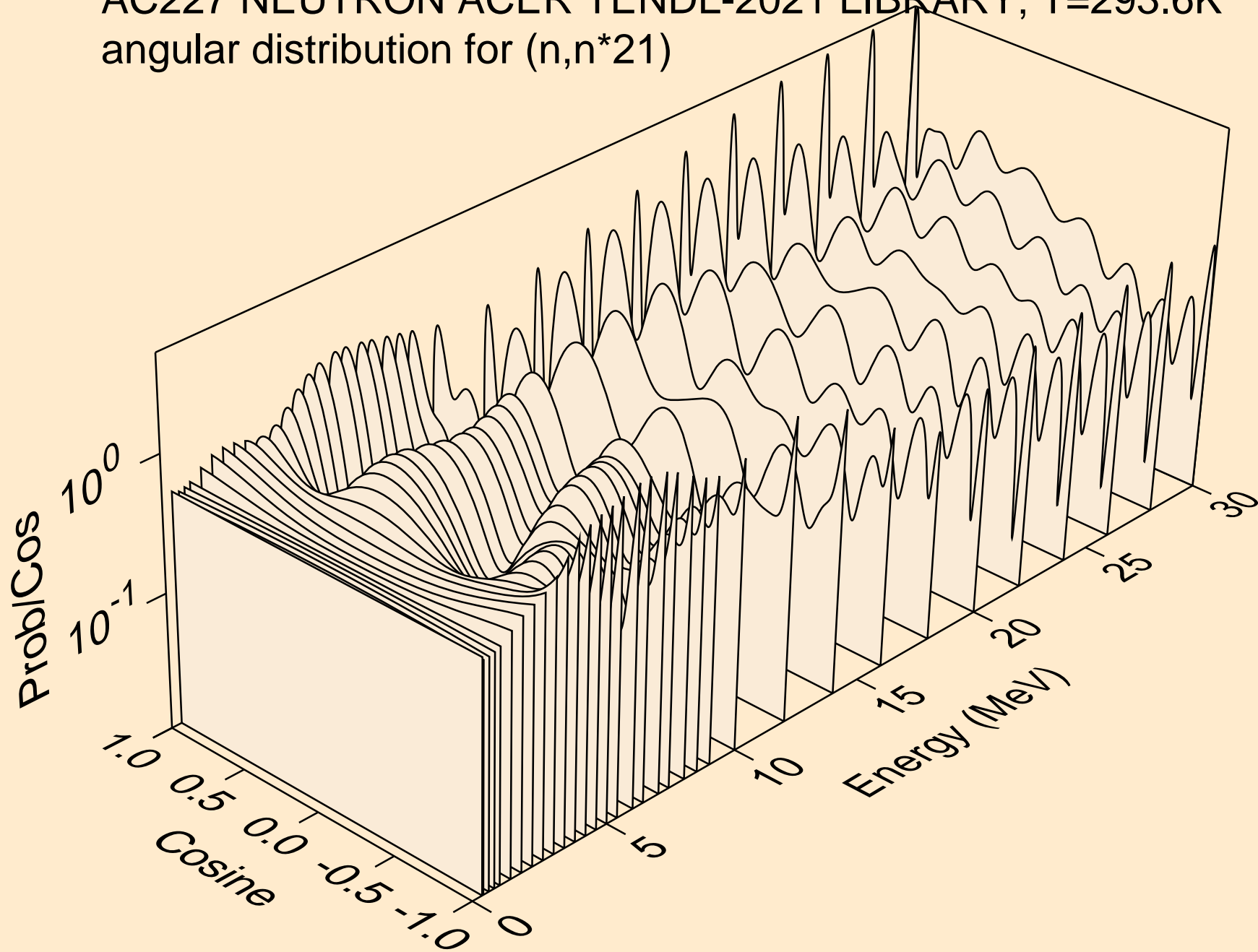


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)

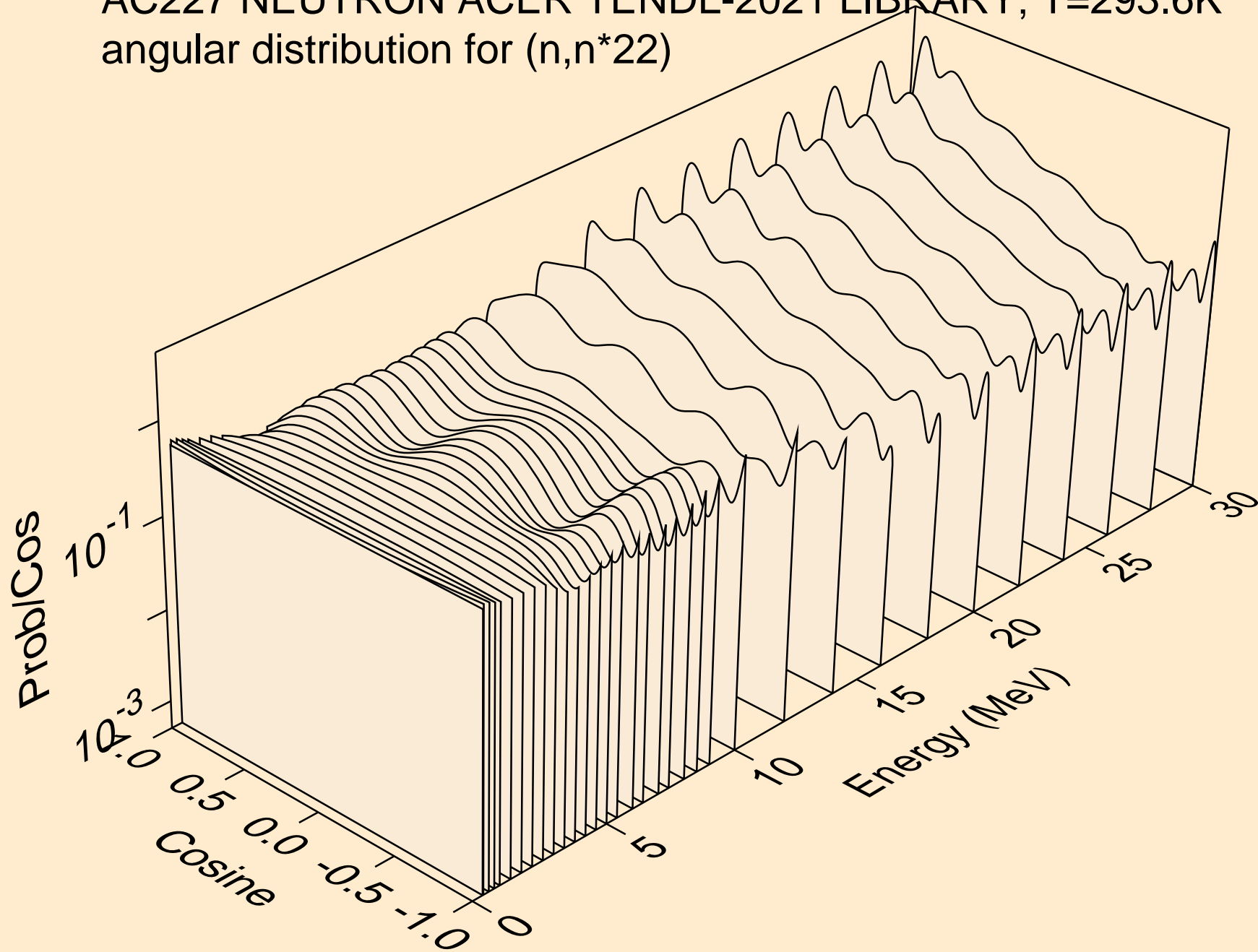




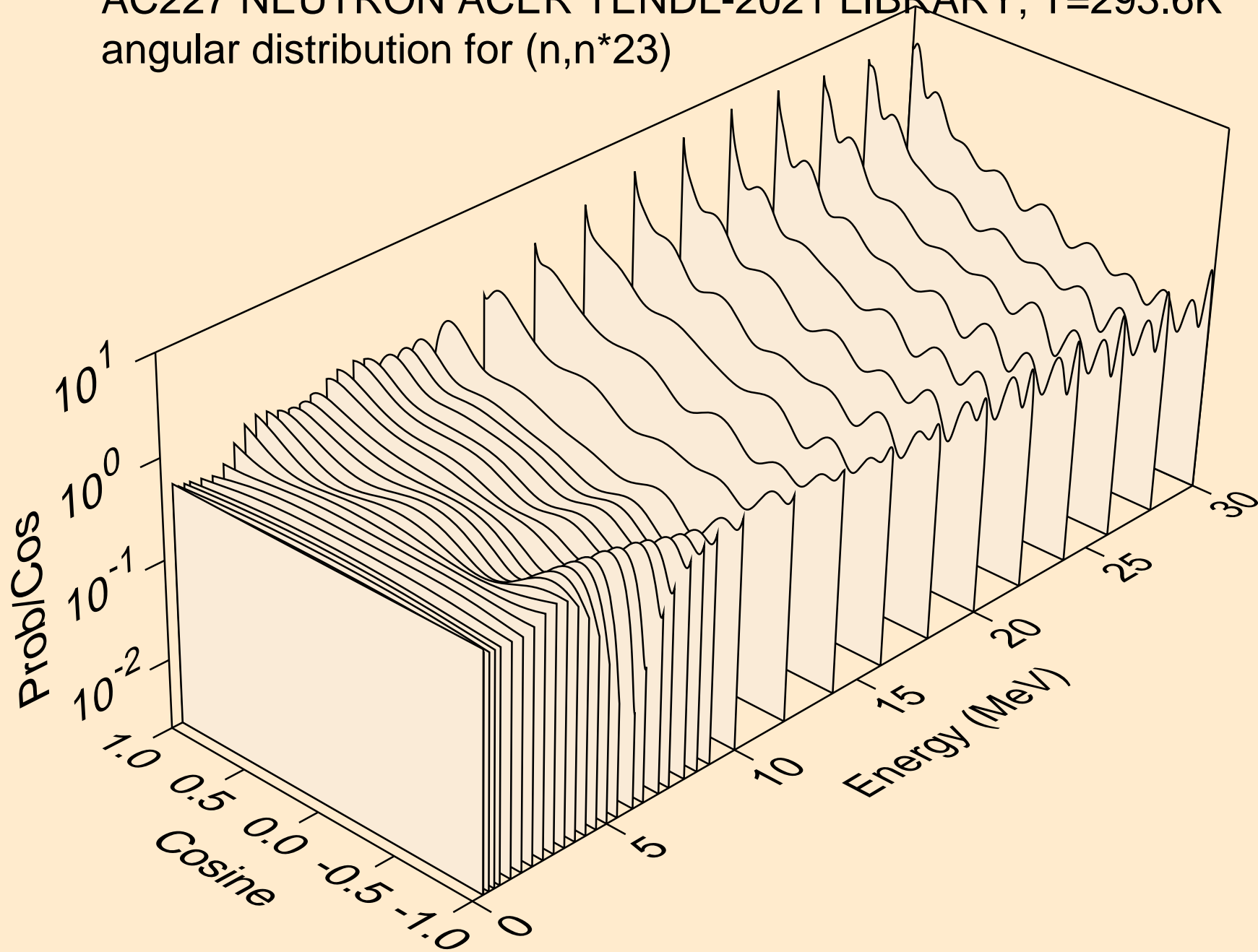
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angular distribution for (n,n\*21)



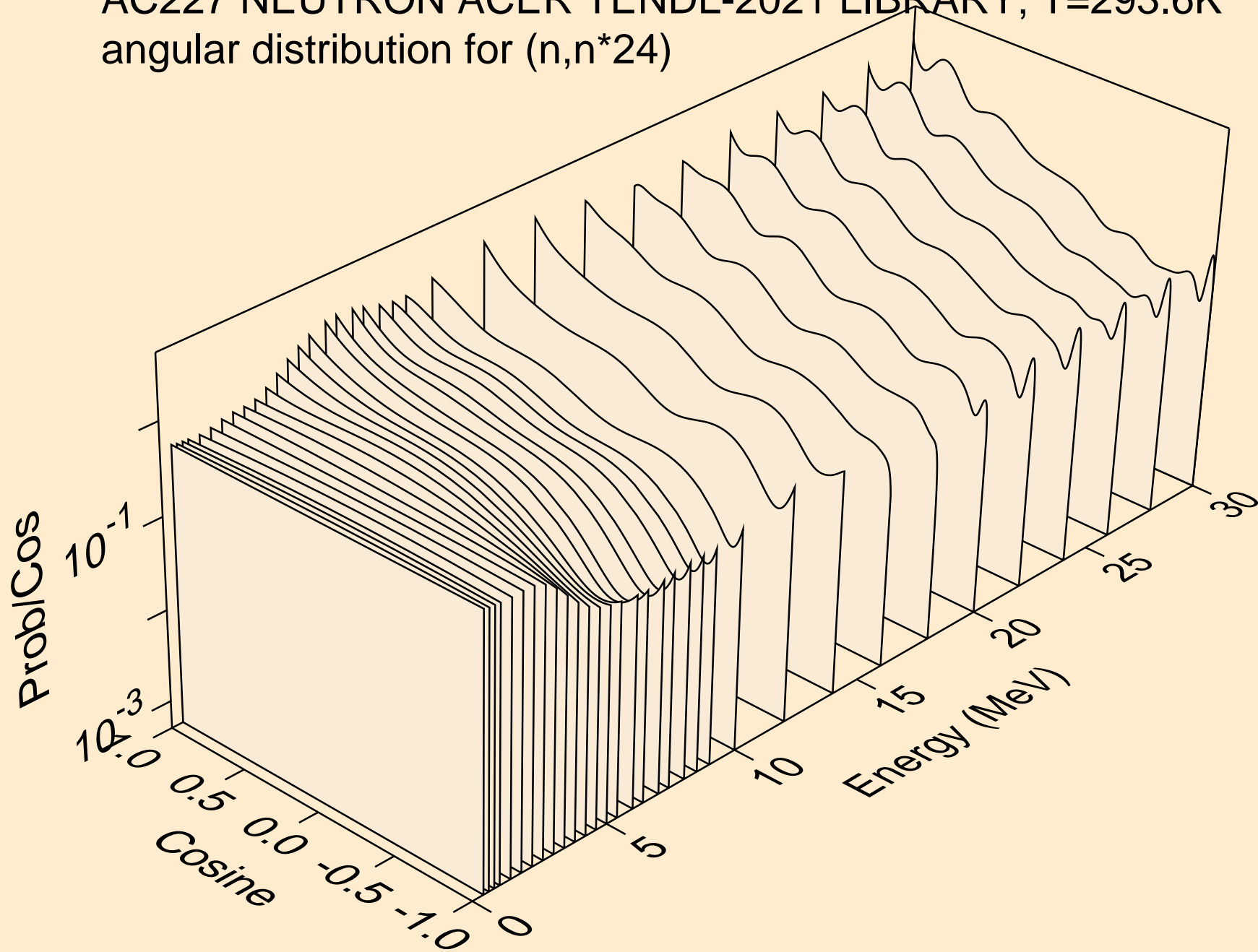
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



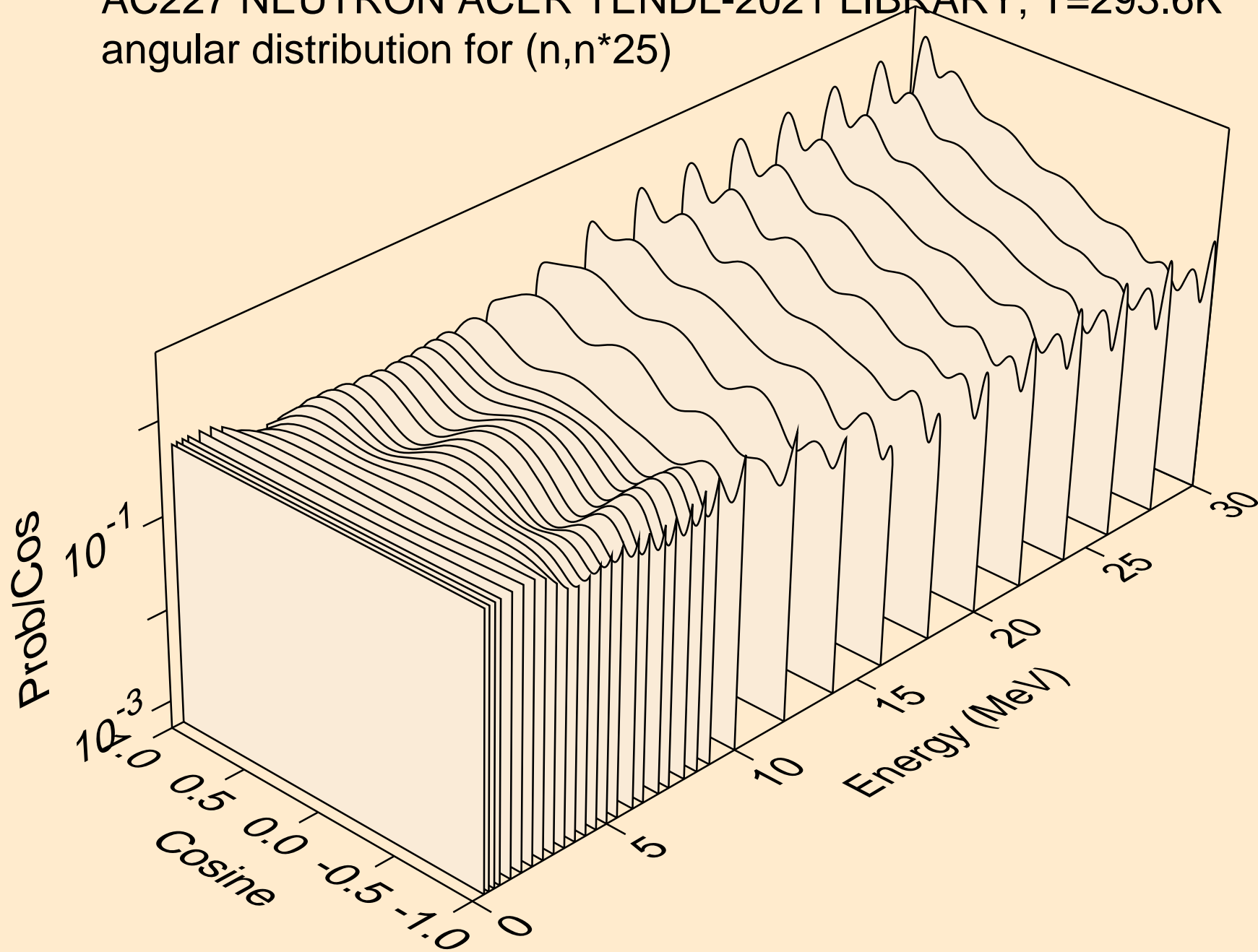
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angular distribution for (n,n\*23)



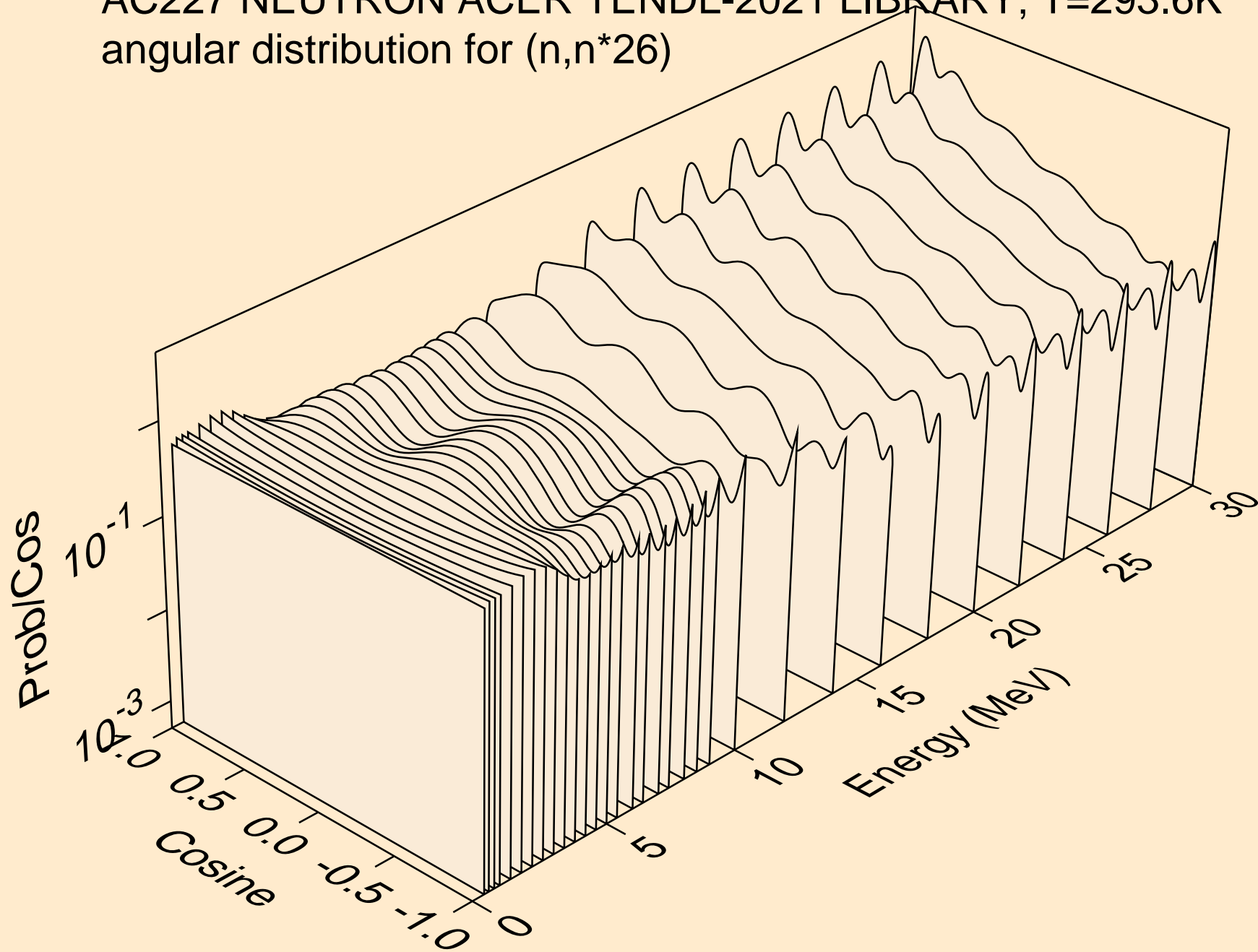
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



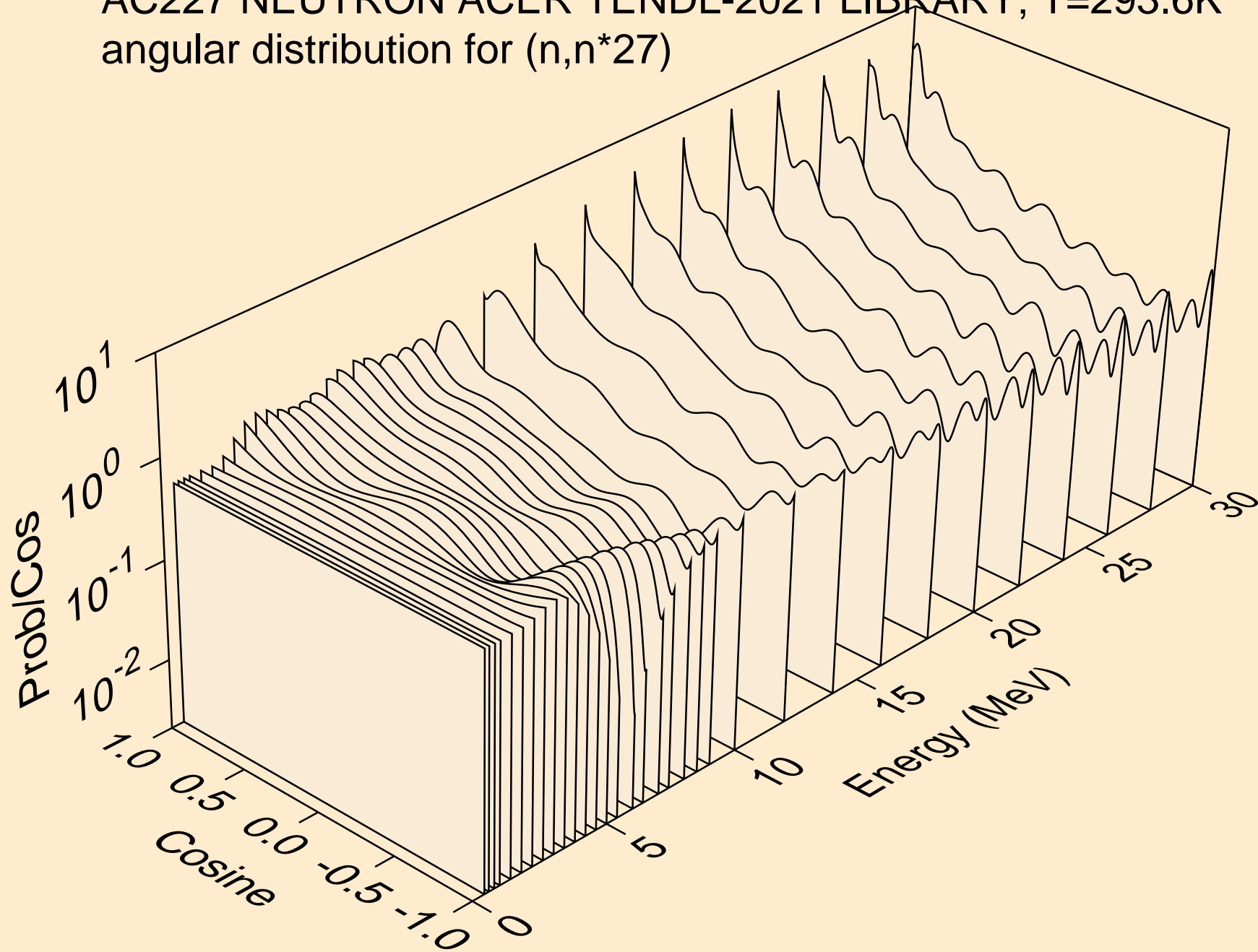
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



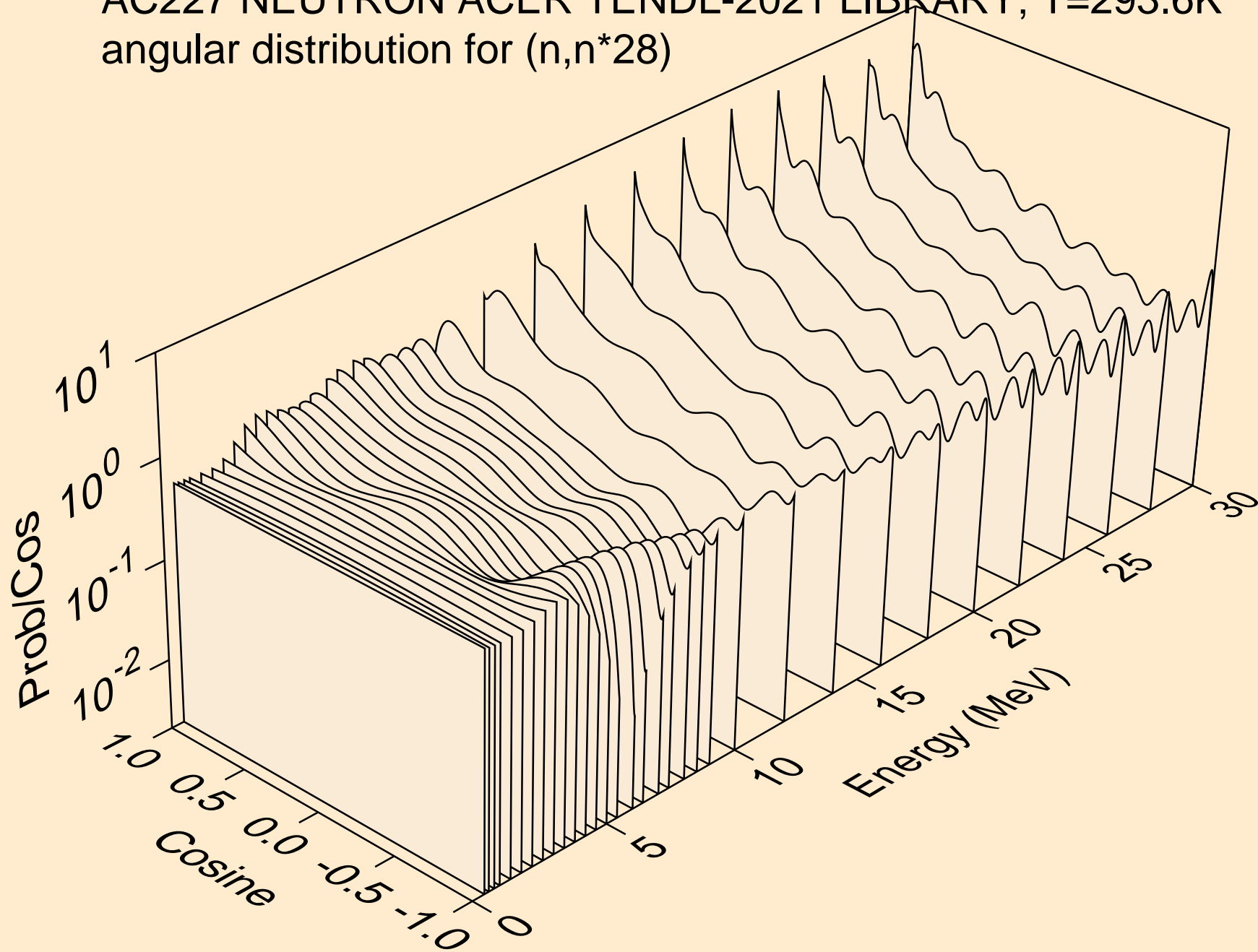
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

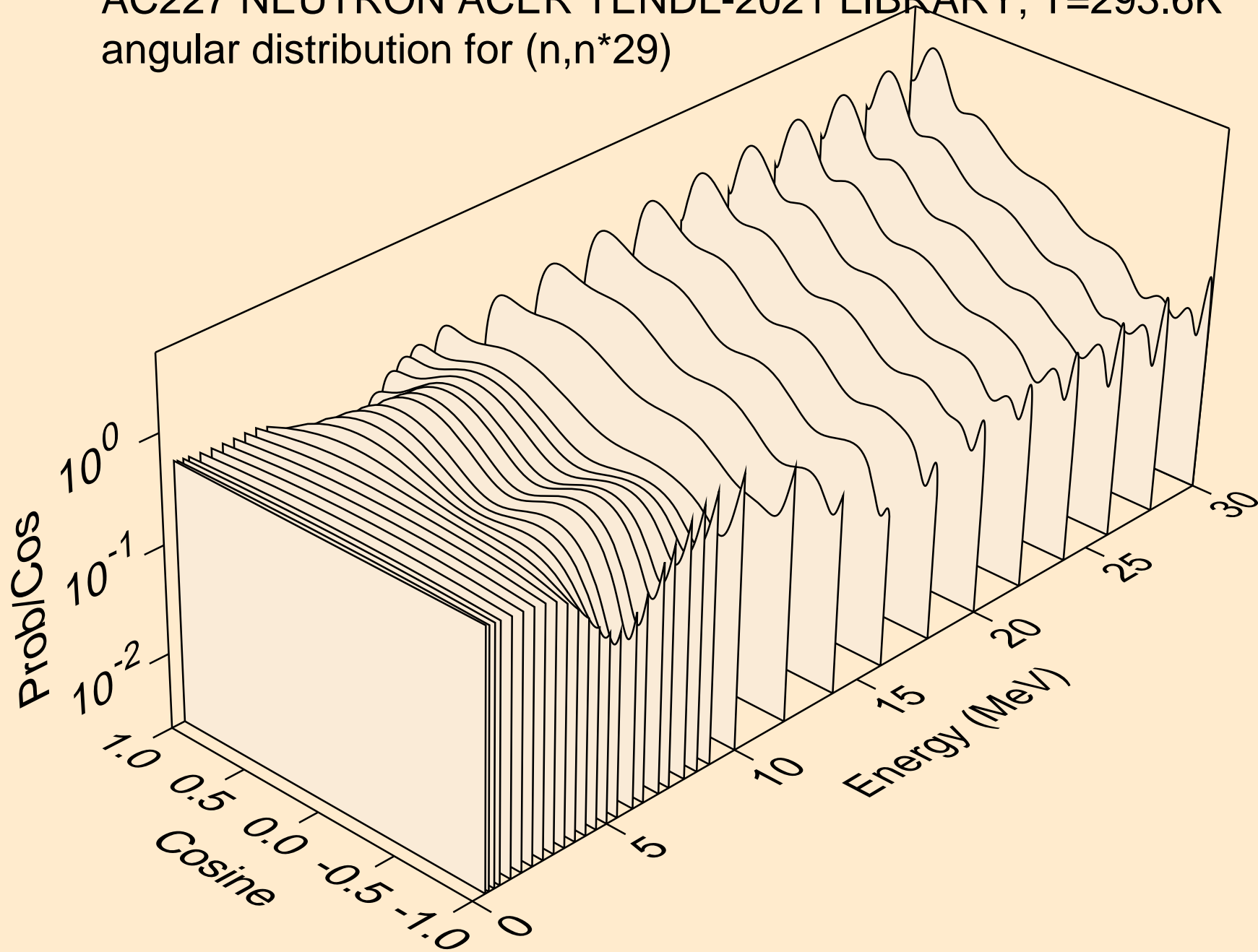


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)

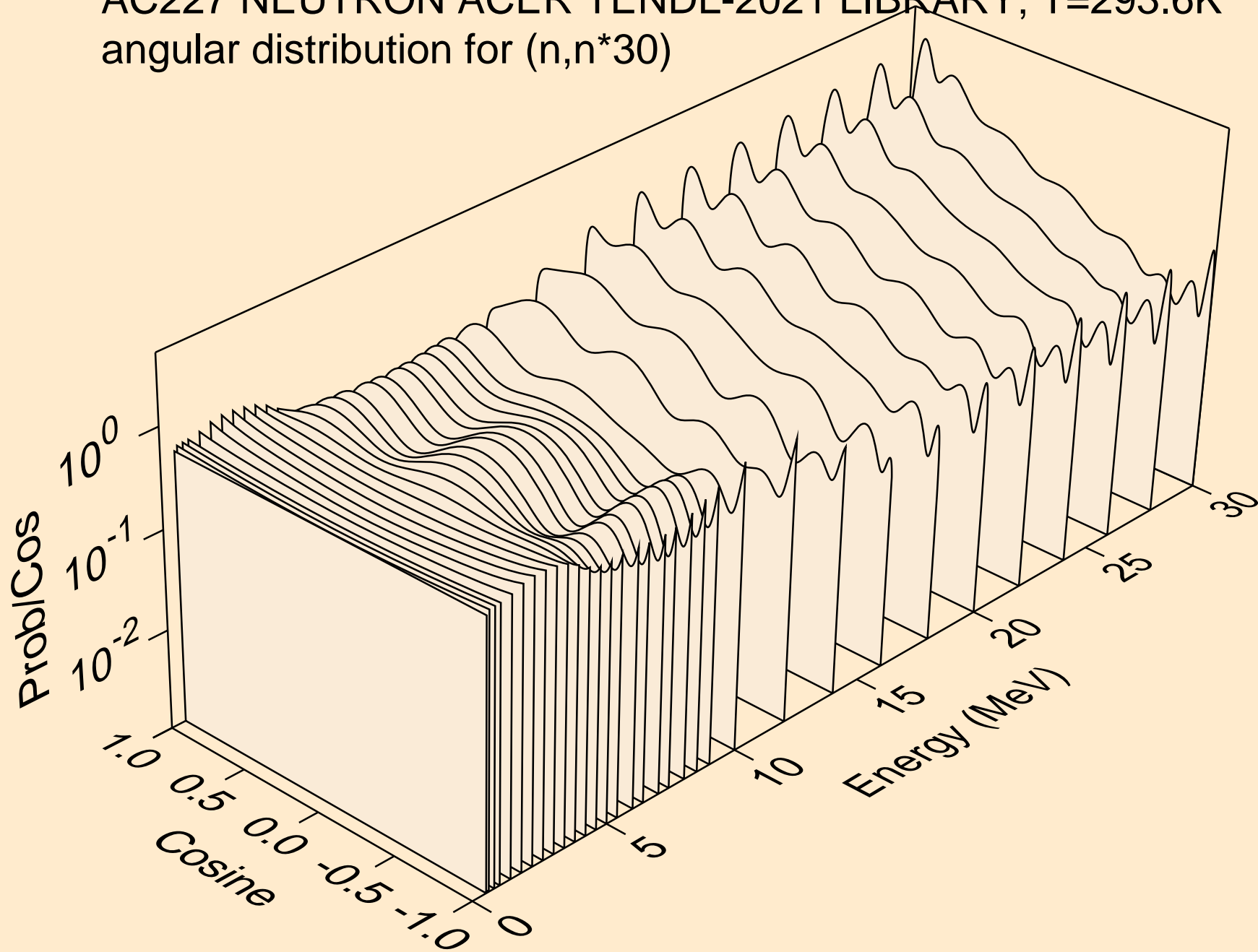




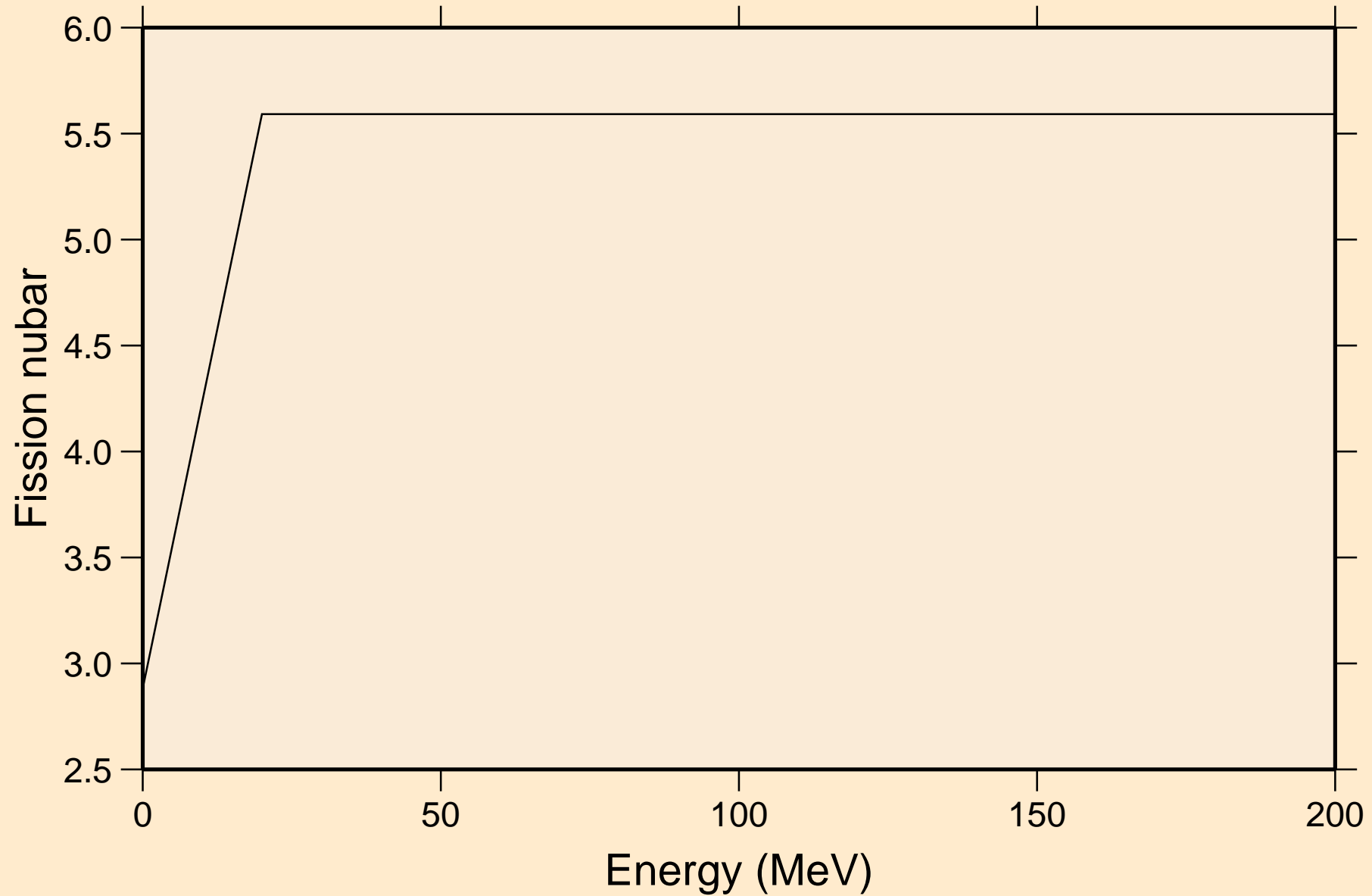
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



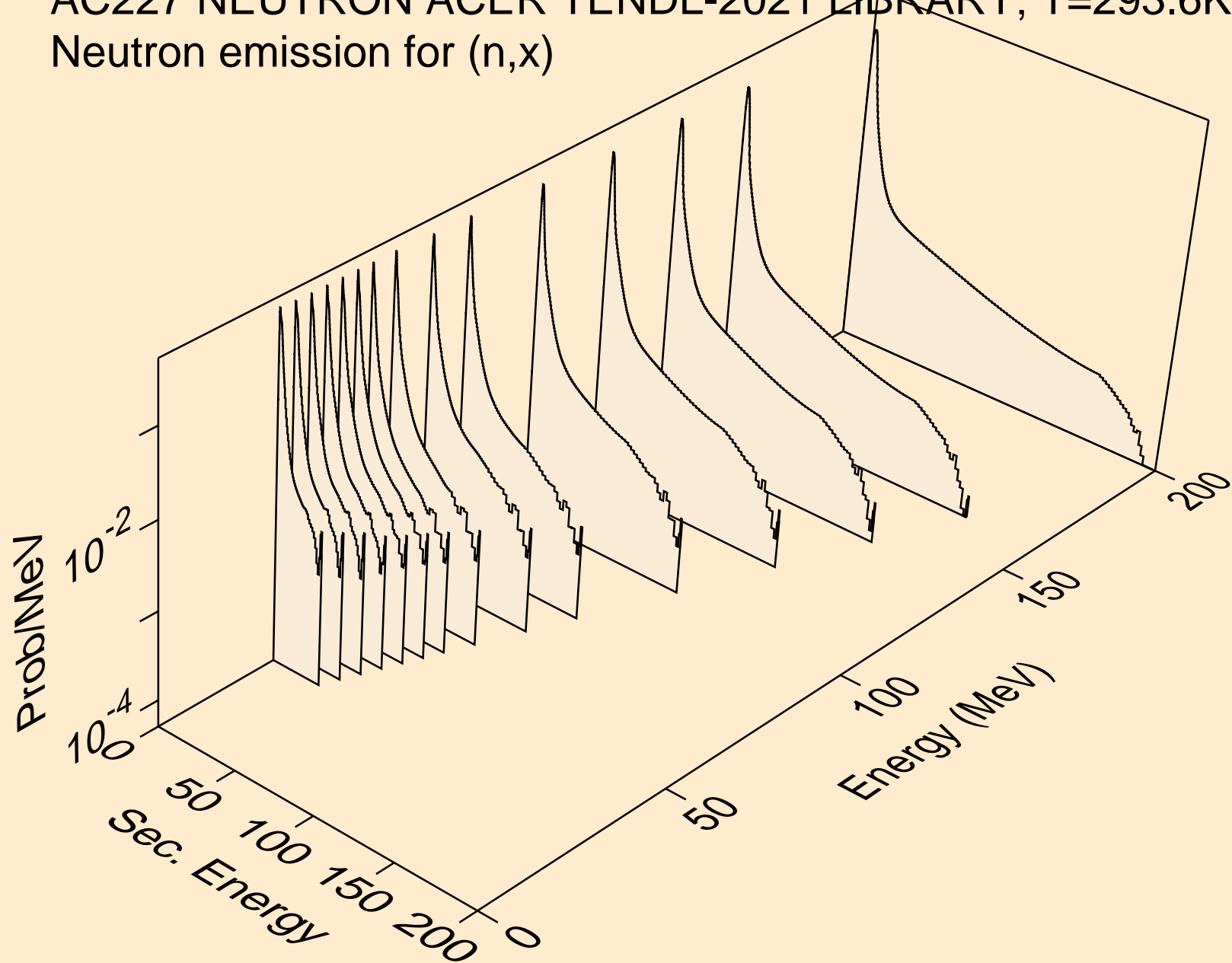
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



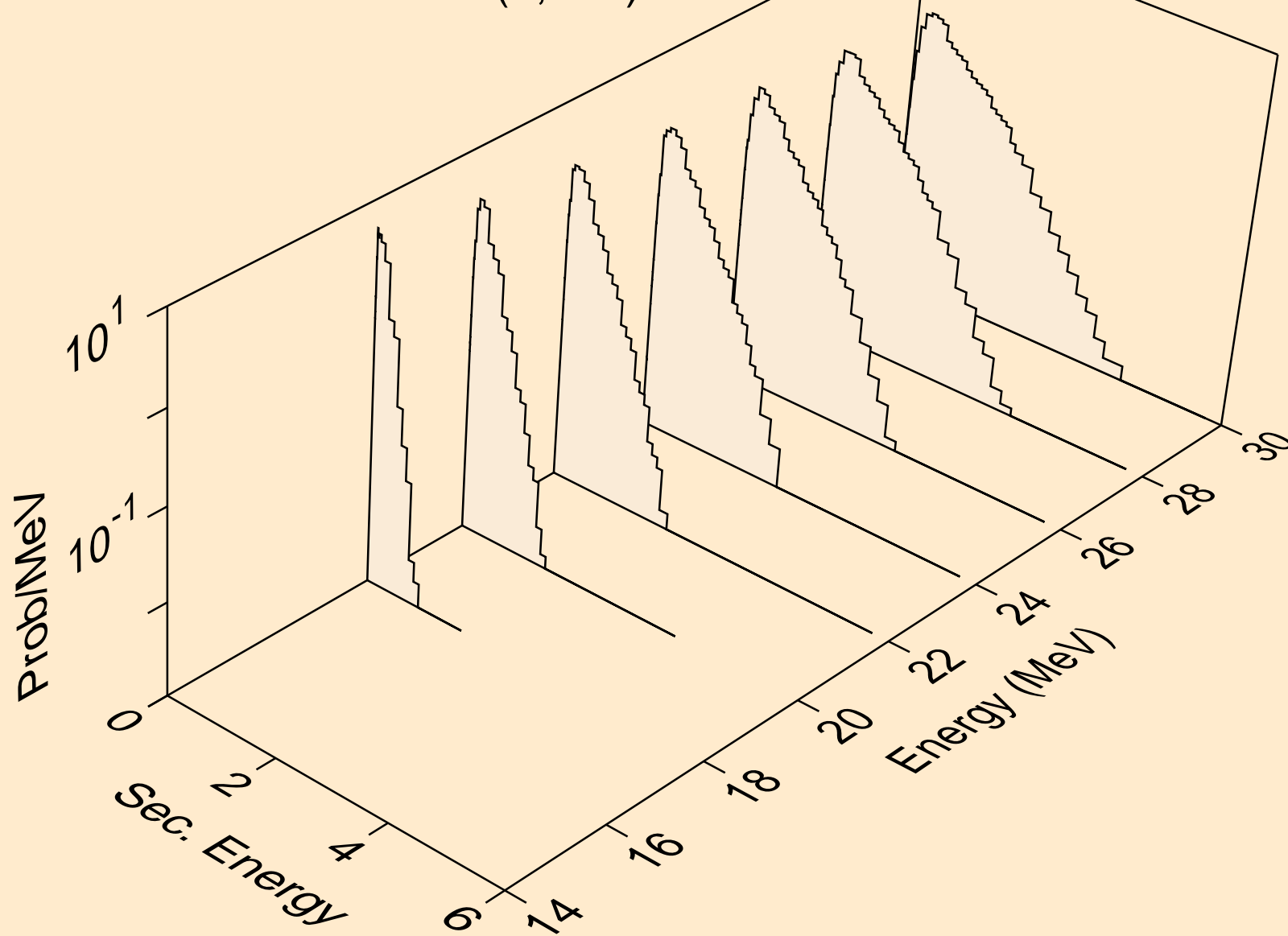
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



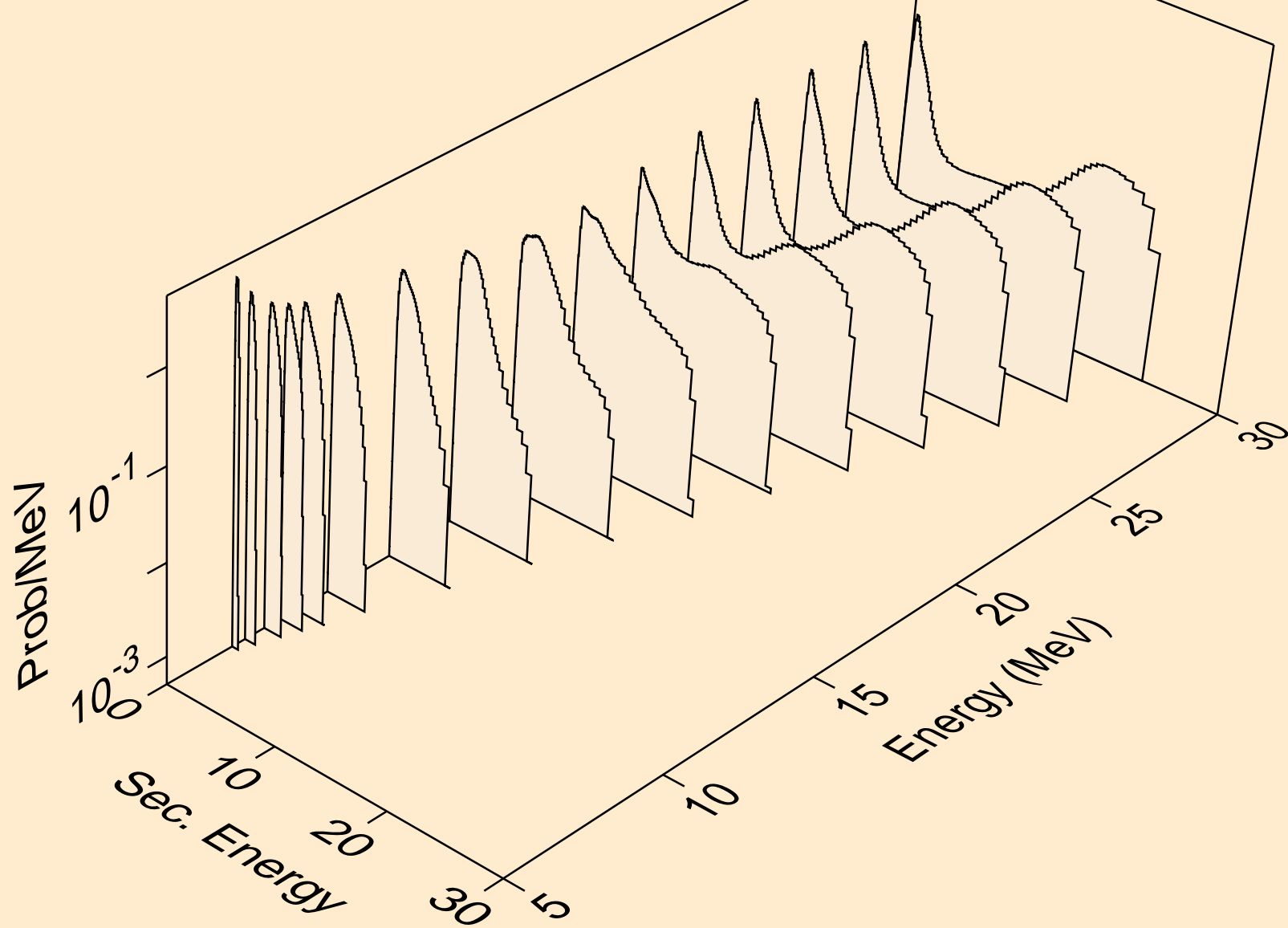
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



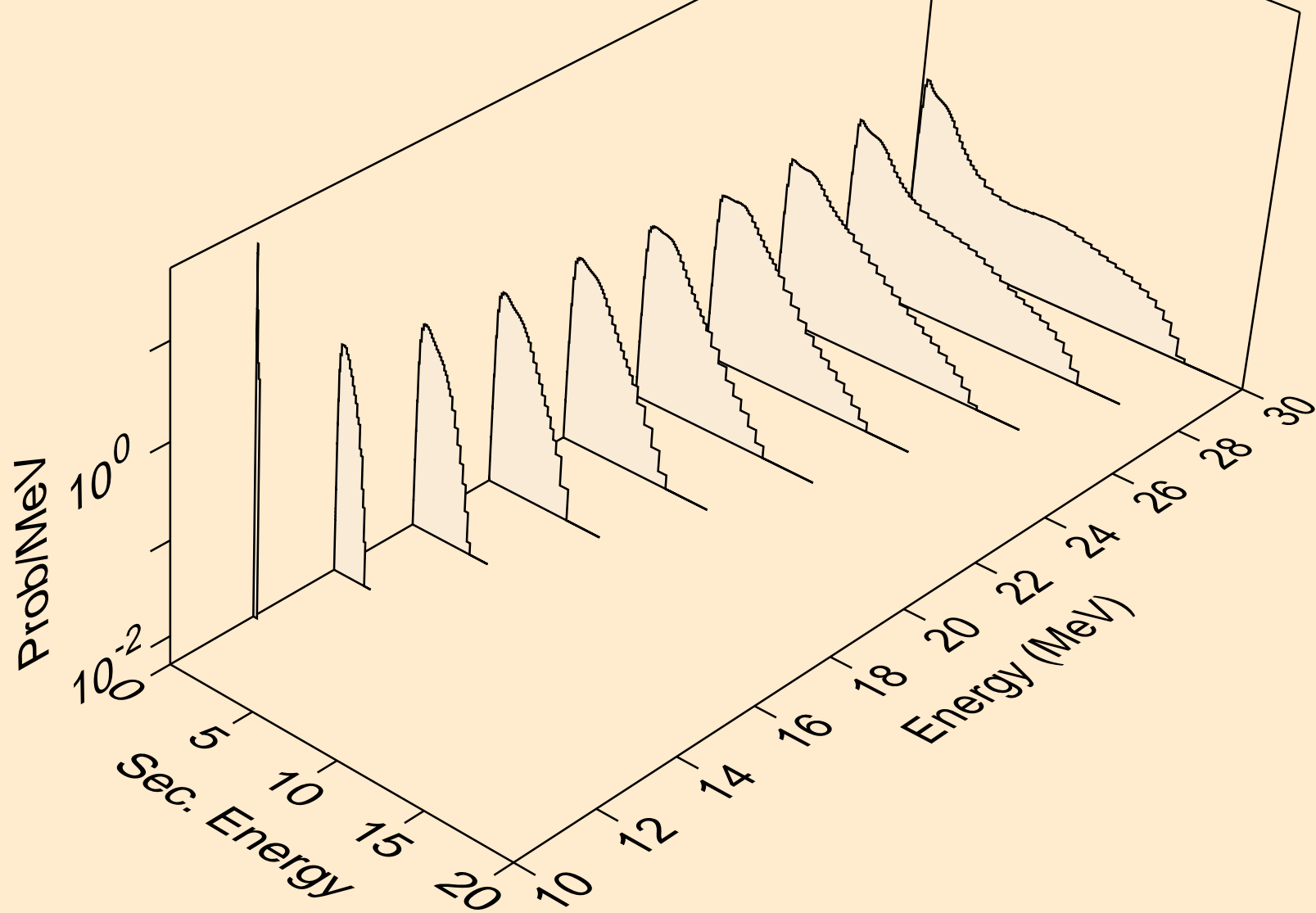
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



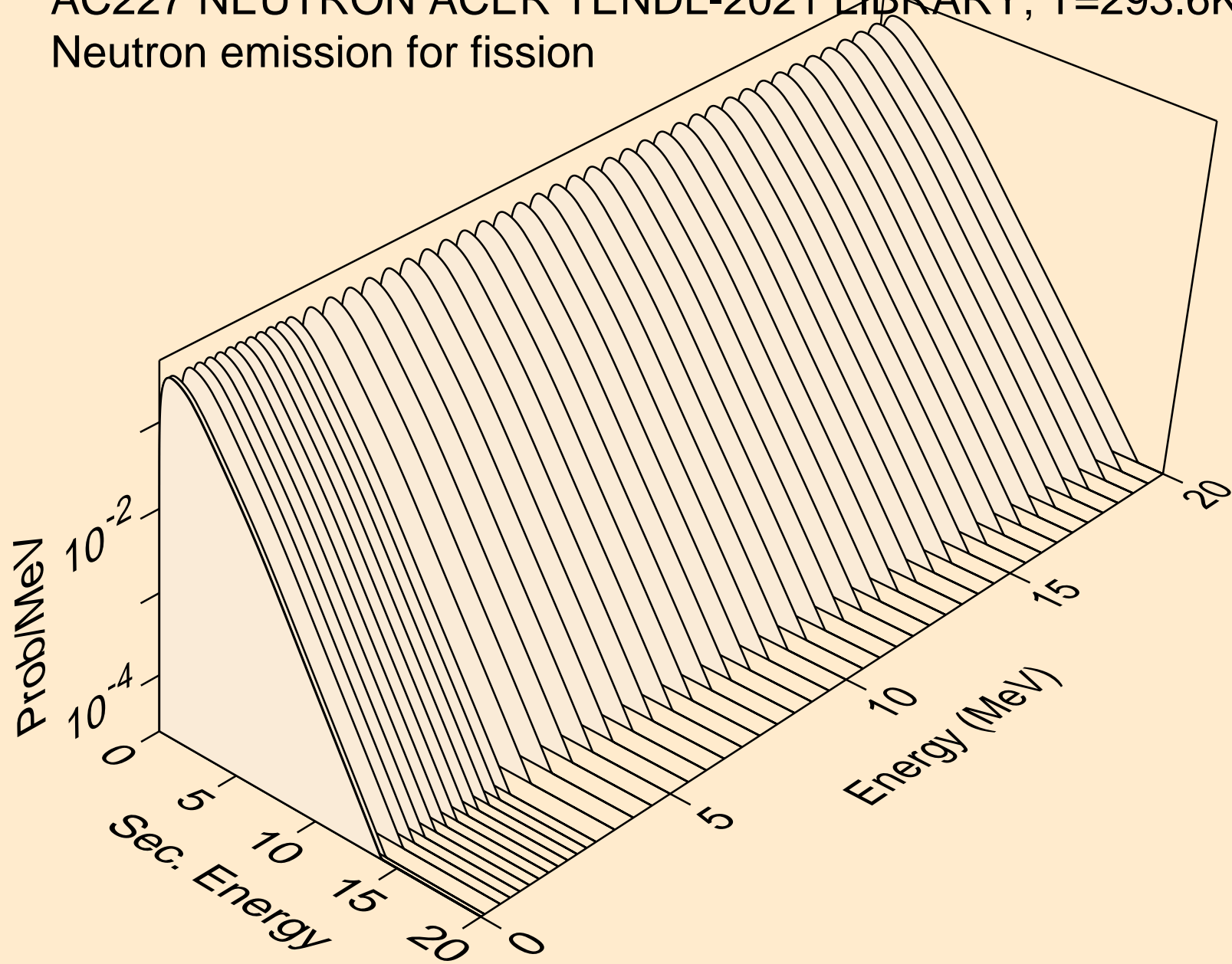
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

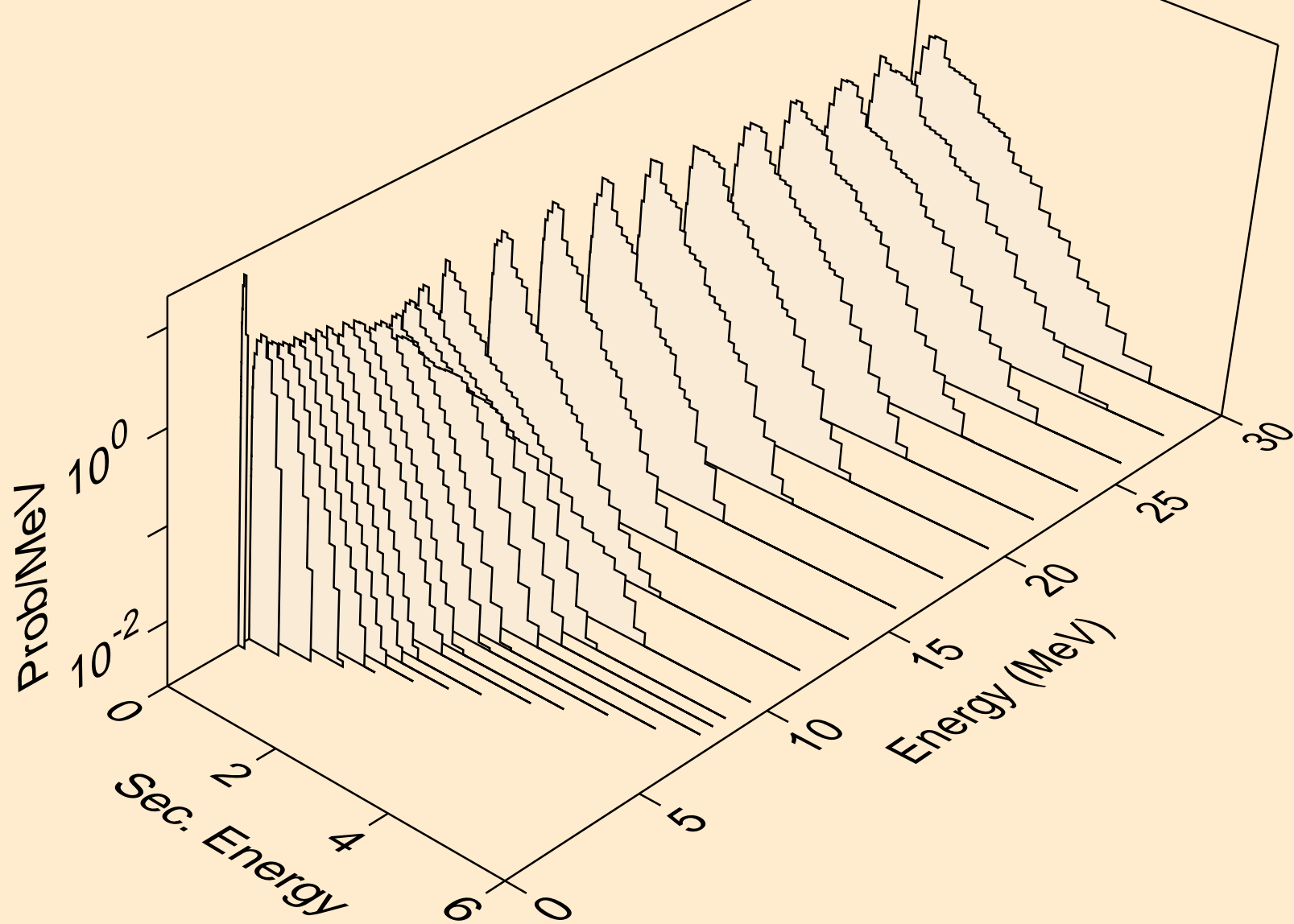


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission

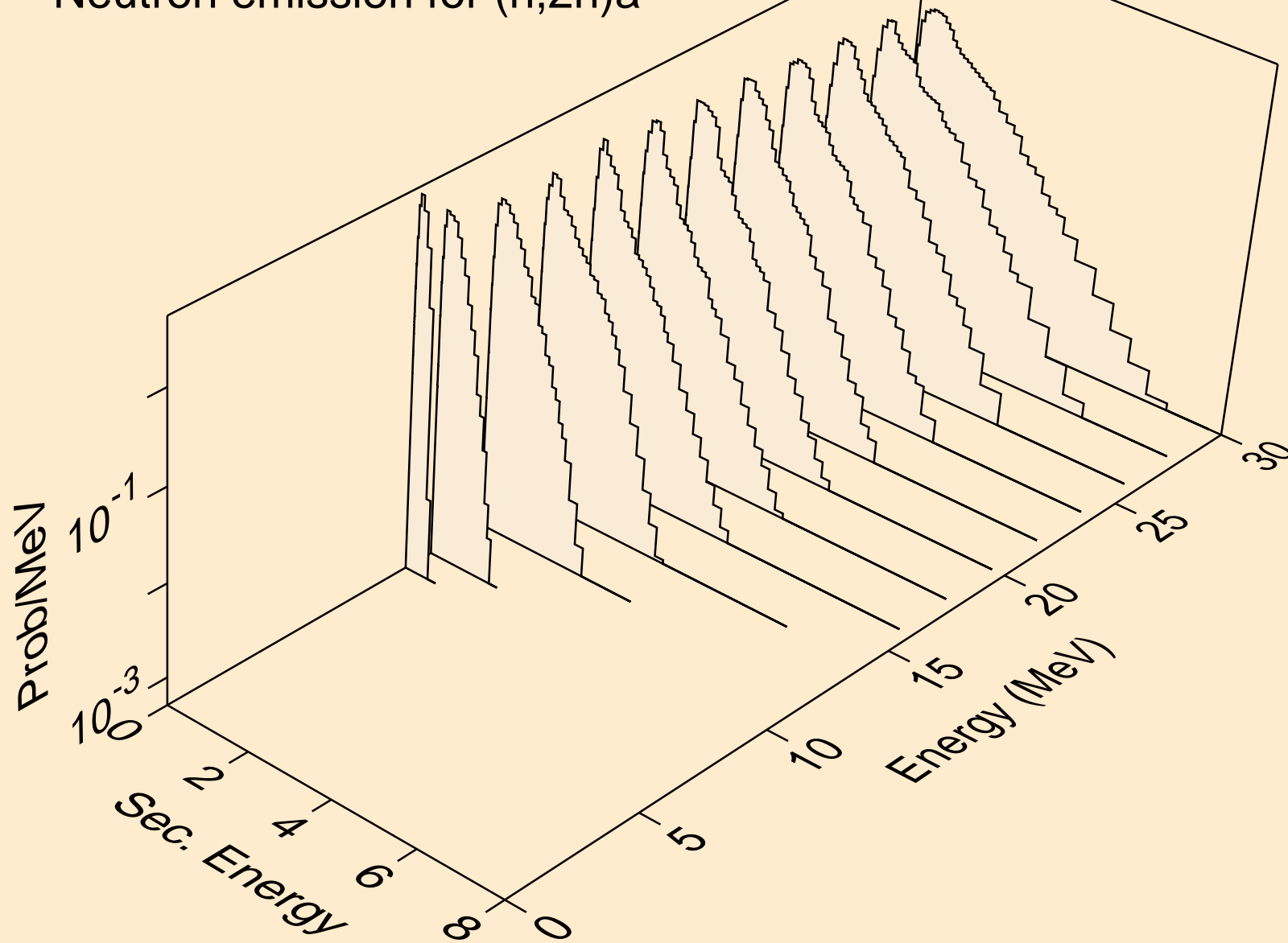




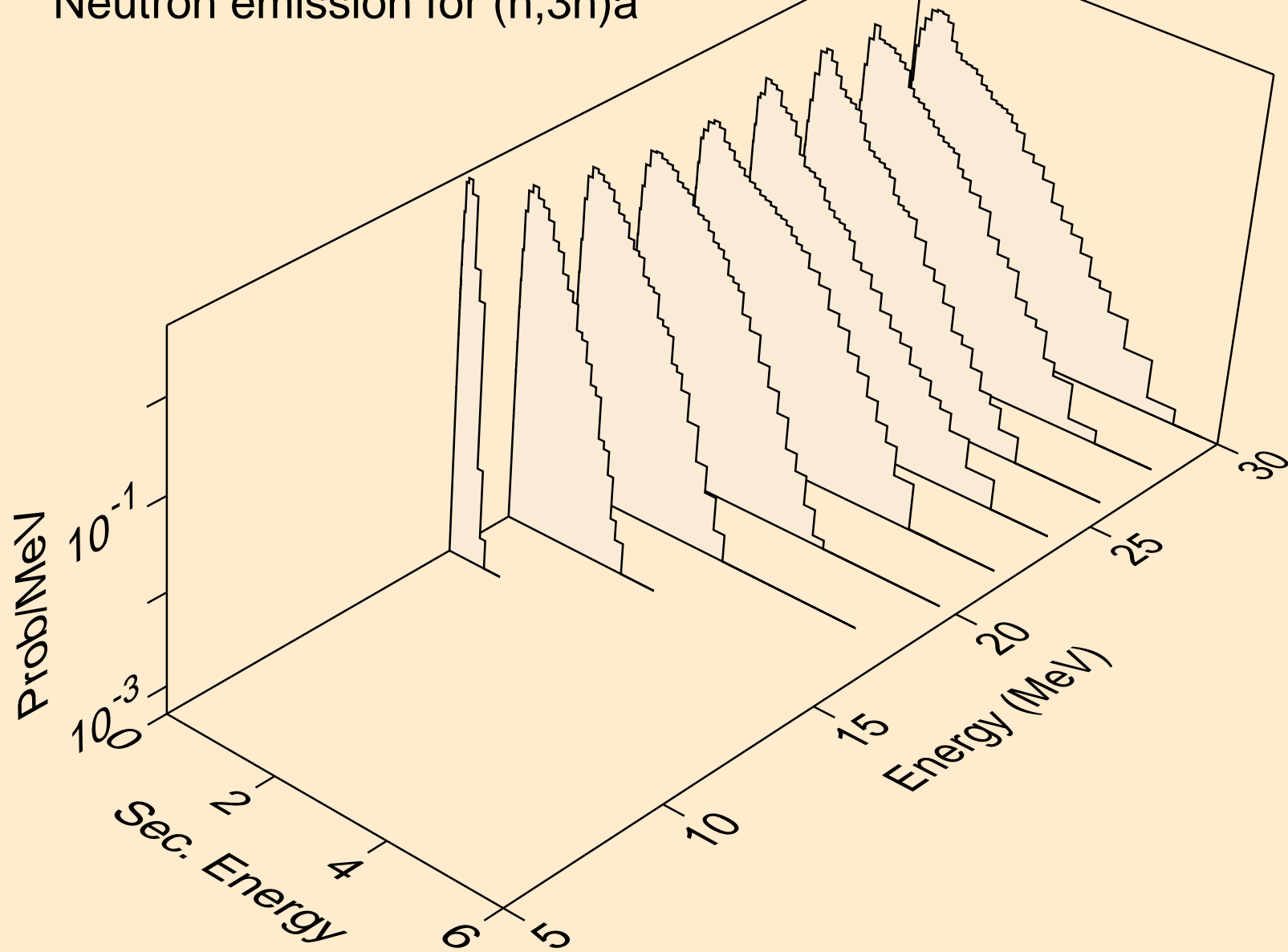
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



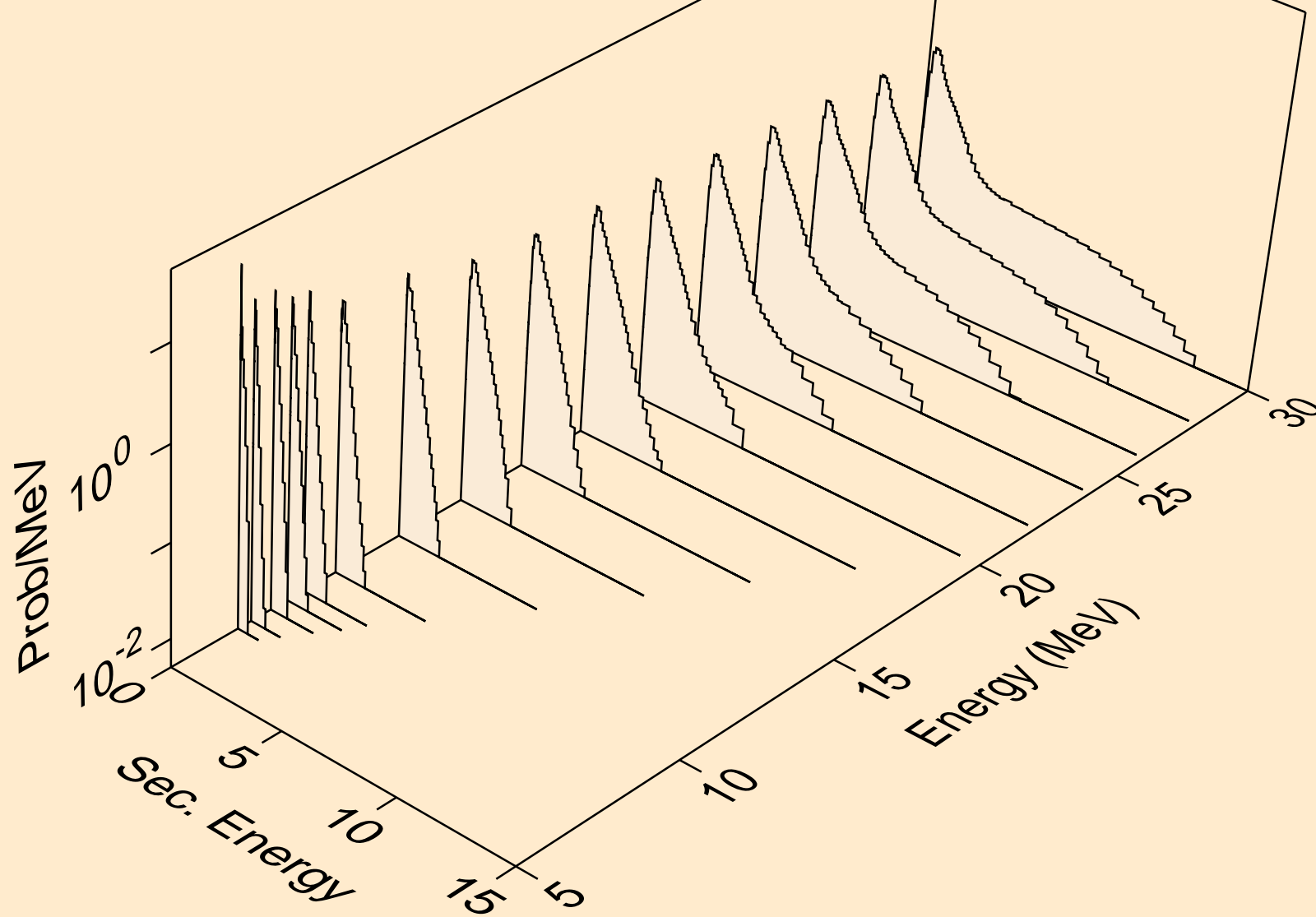
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



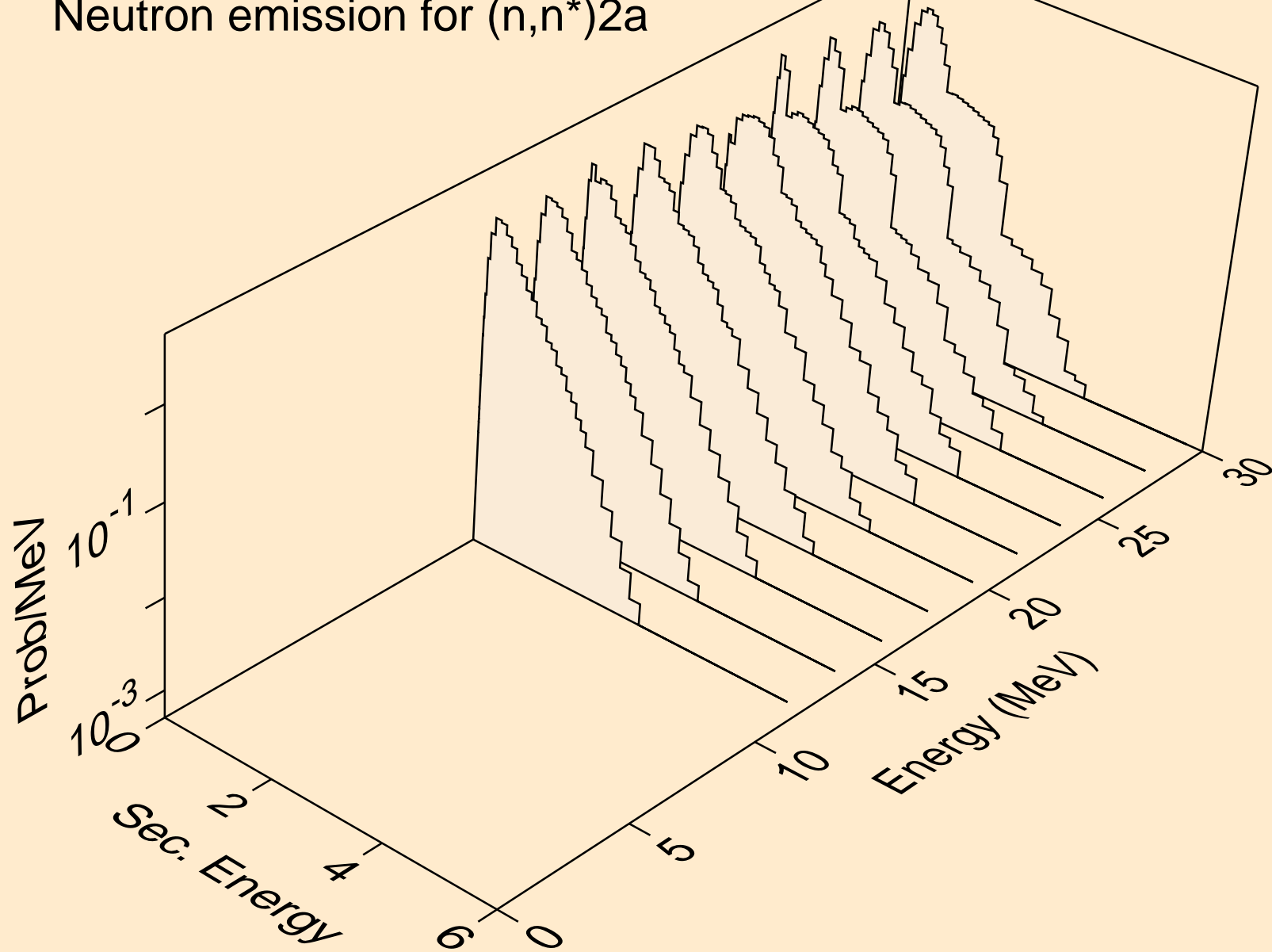
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



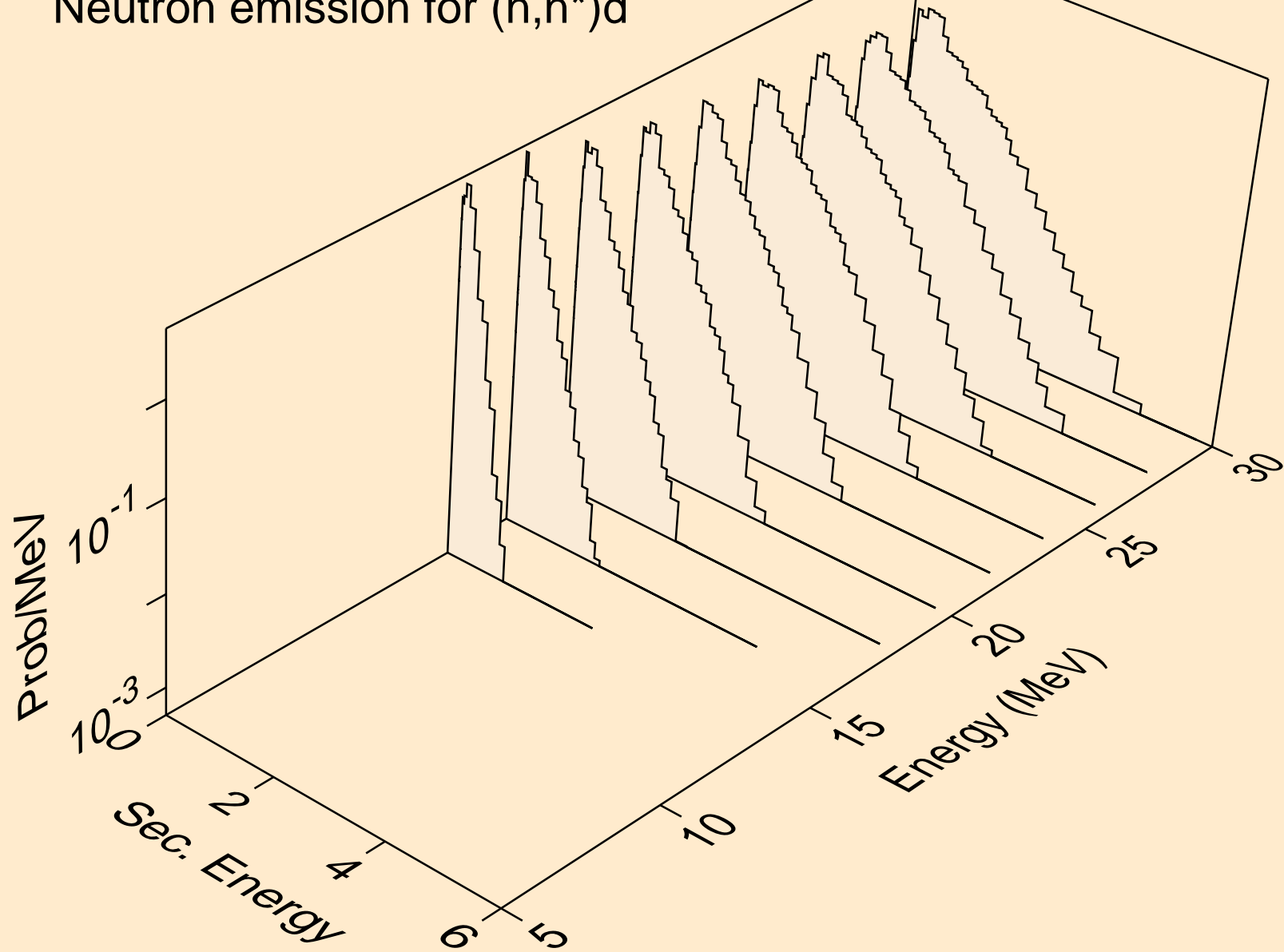
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



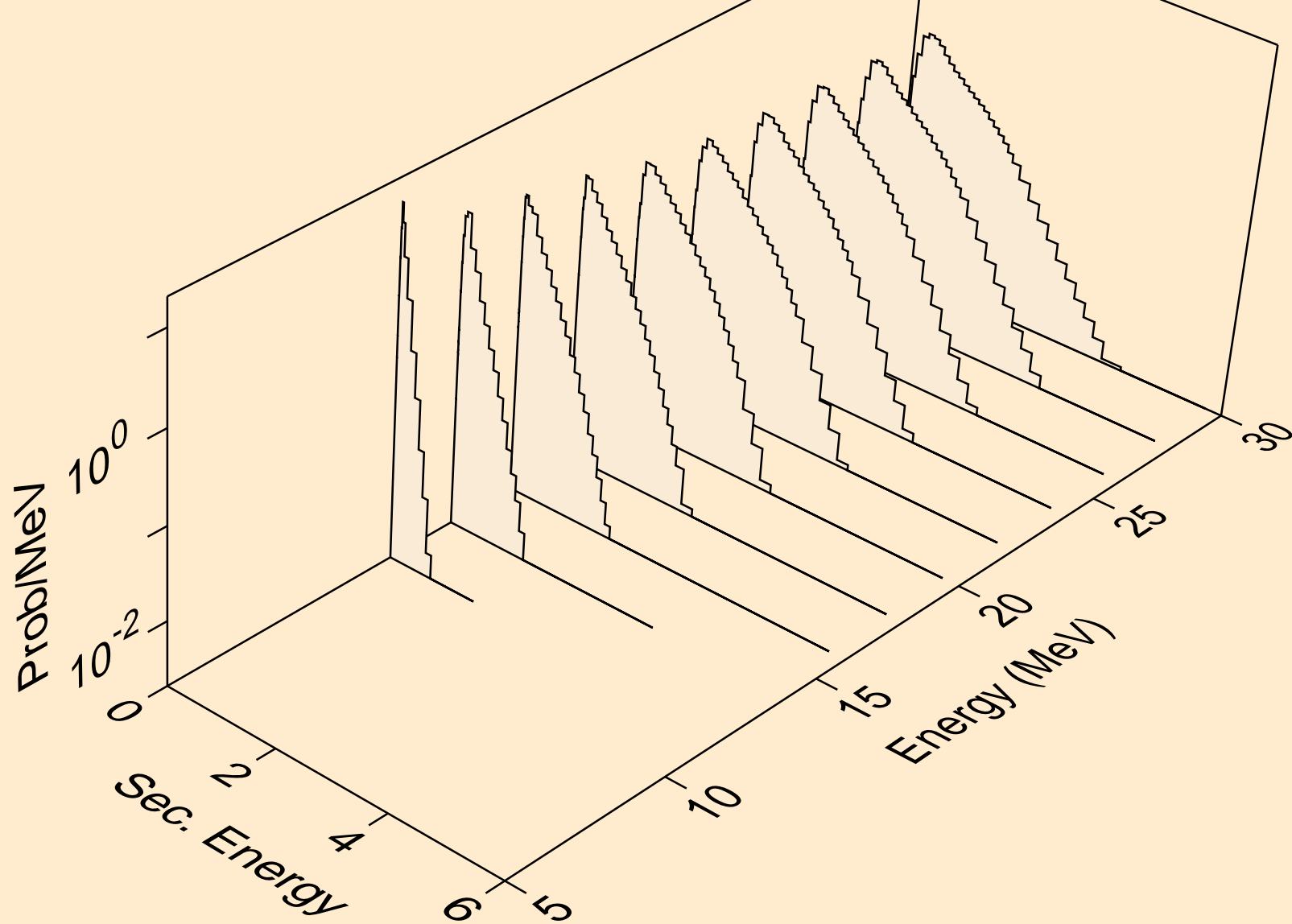
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



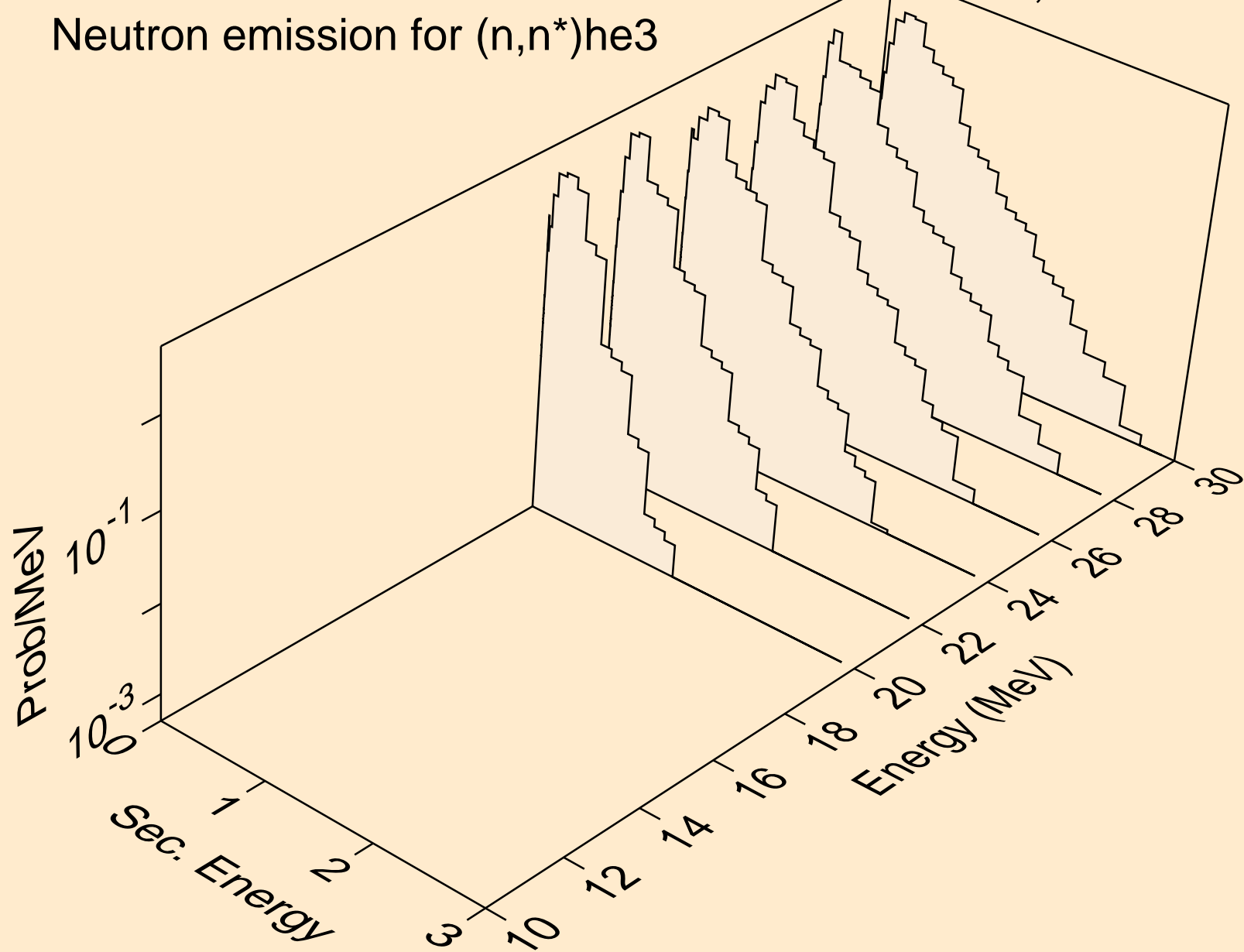
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

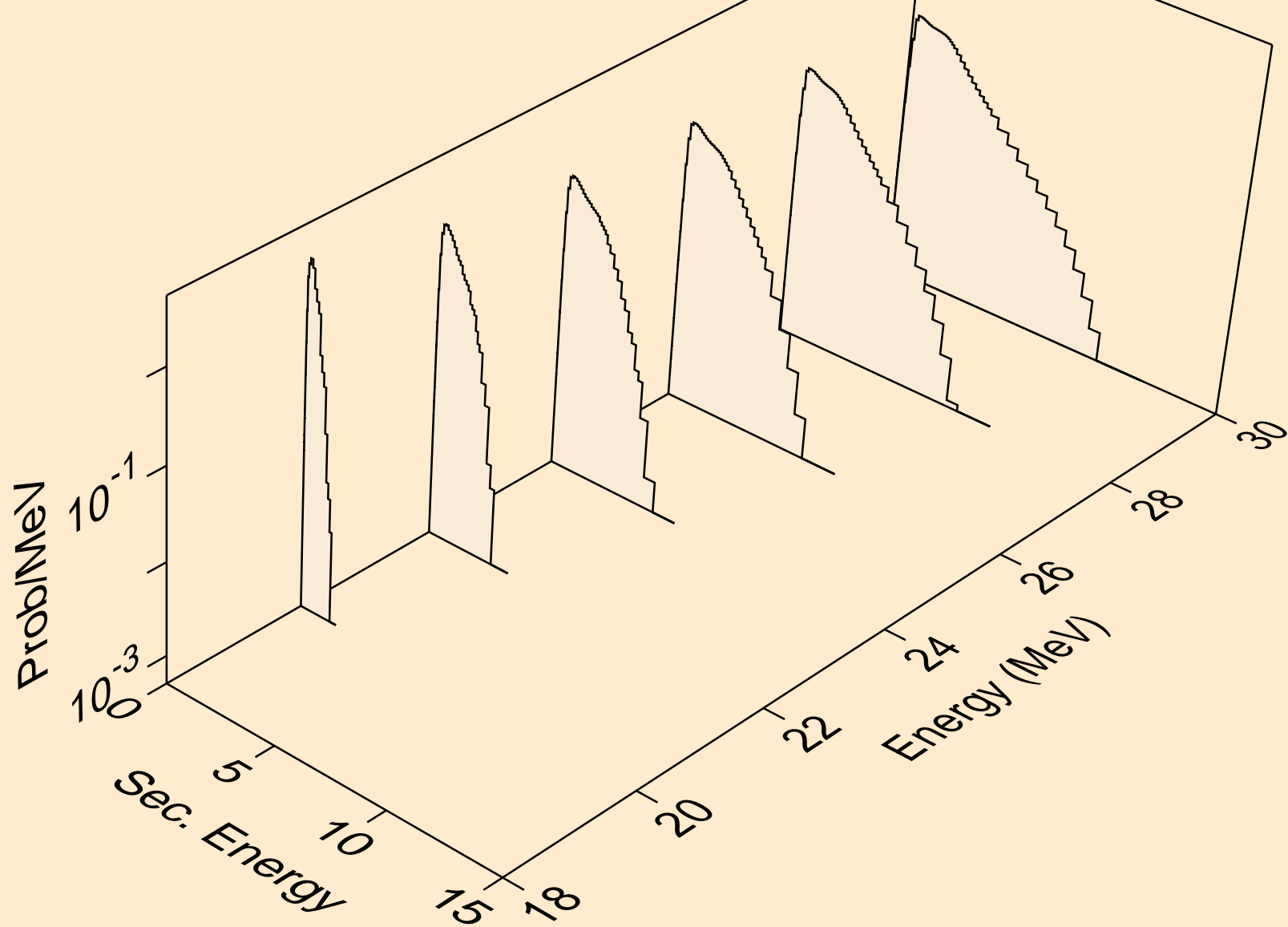


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

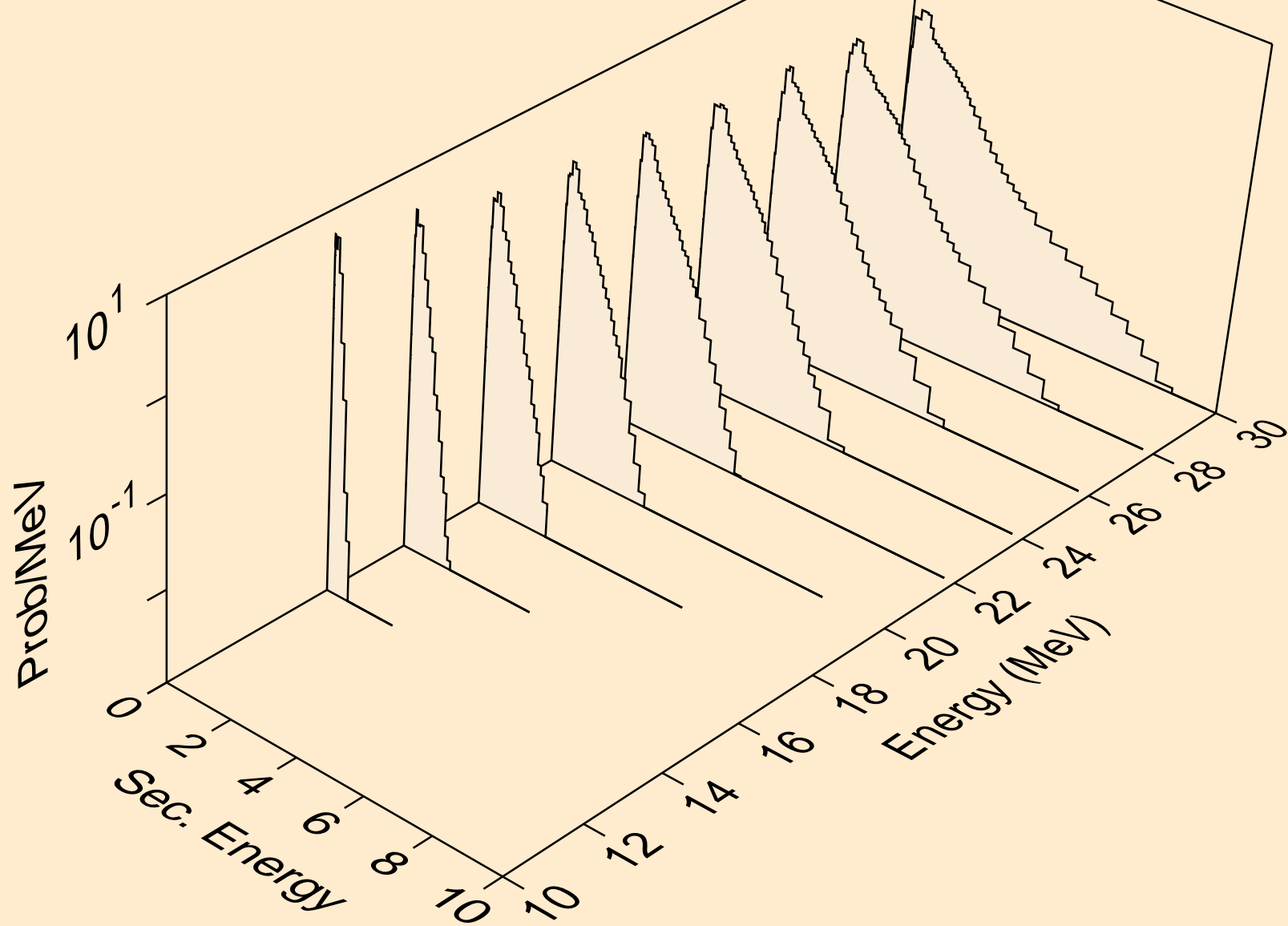




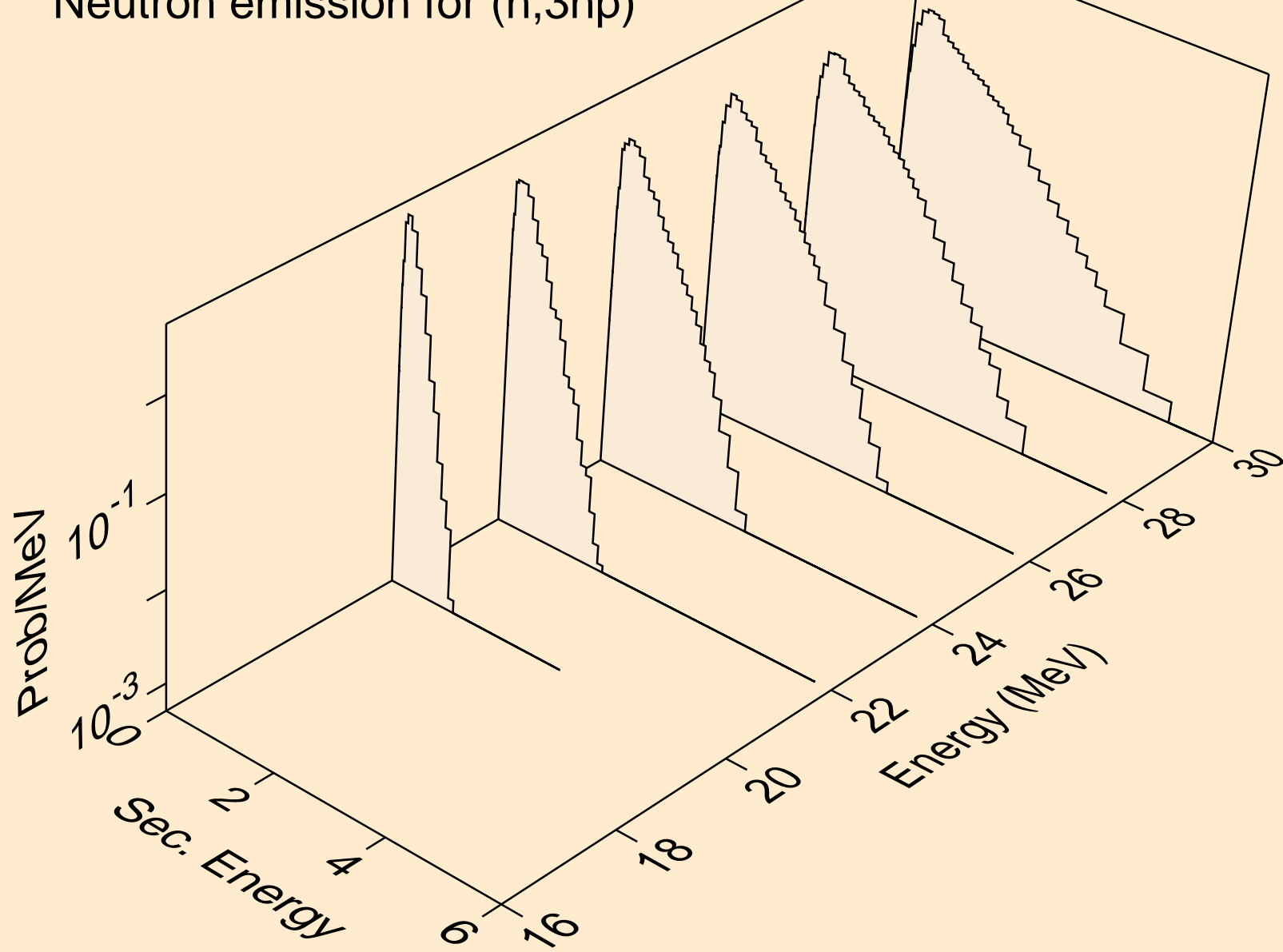
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



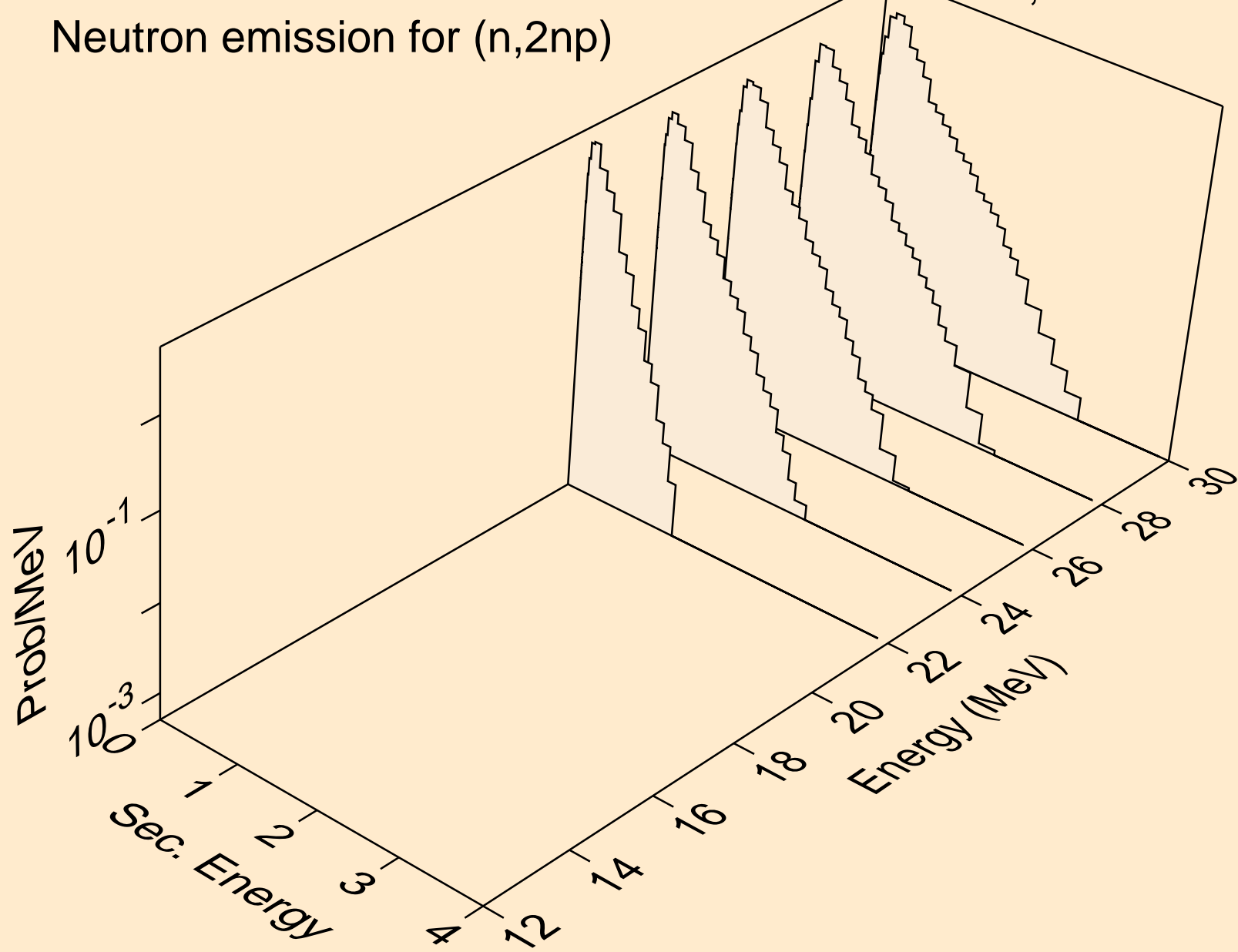
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



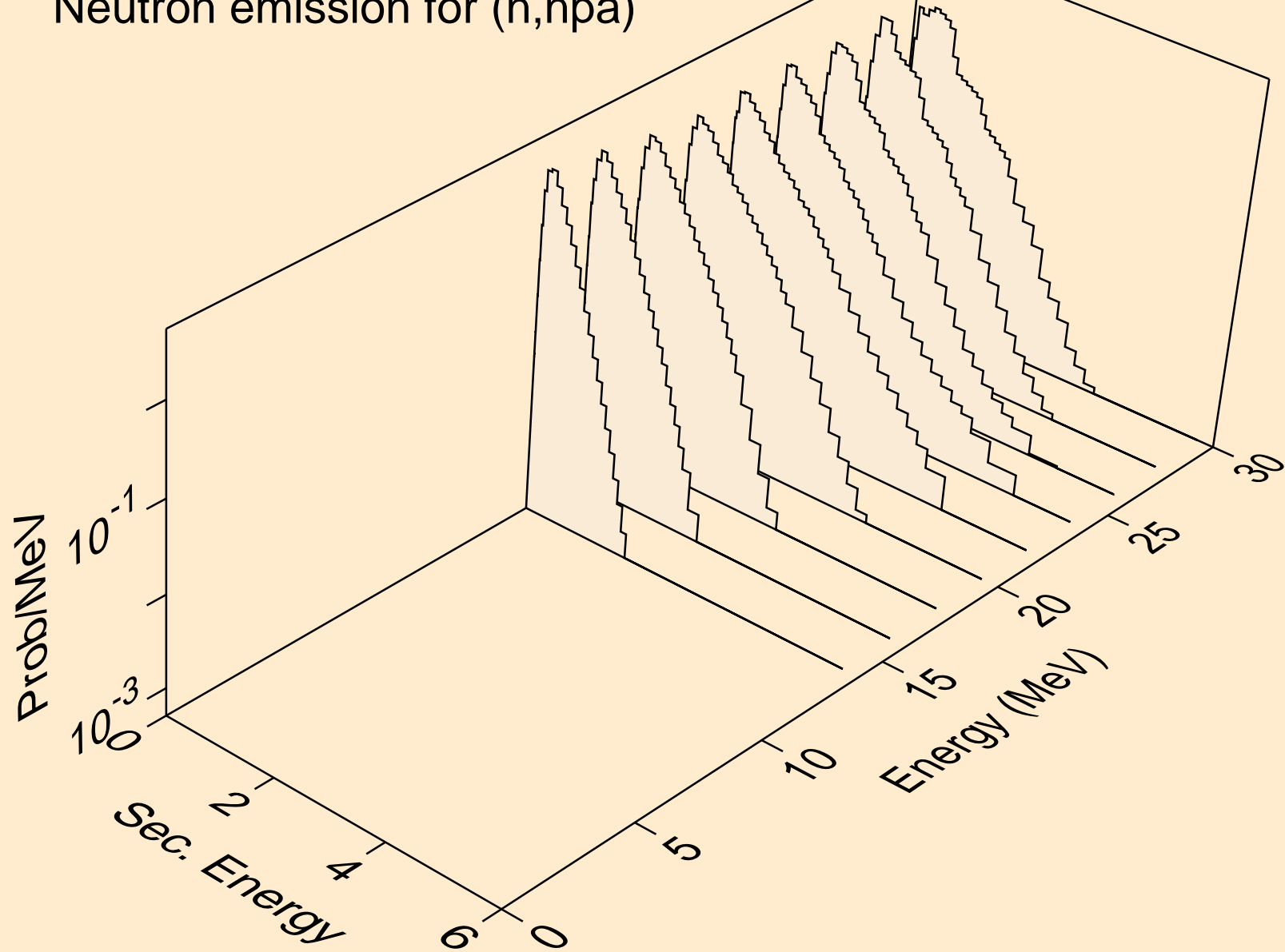
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



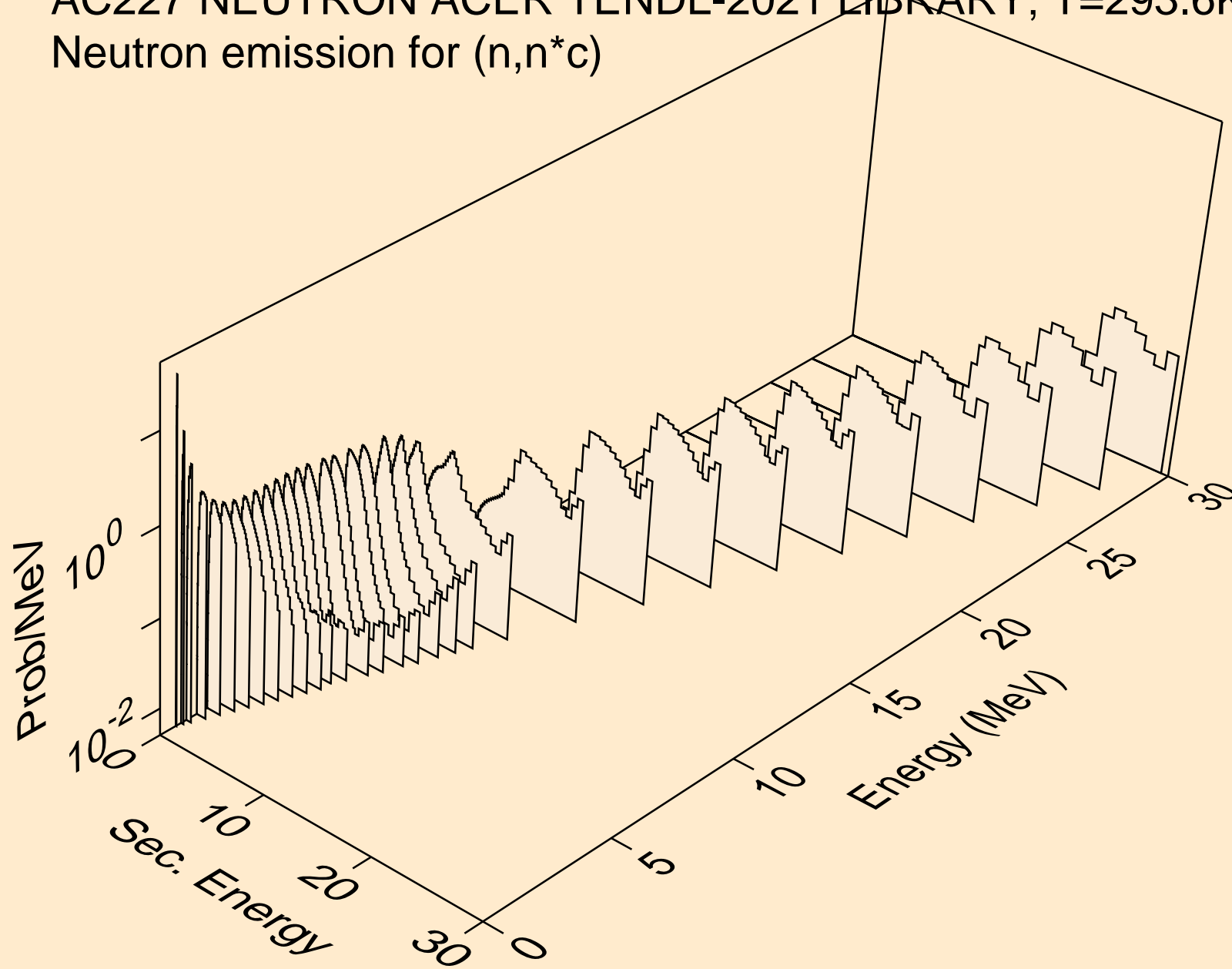
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

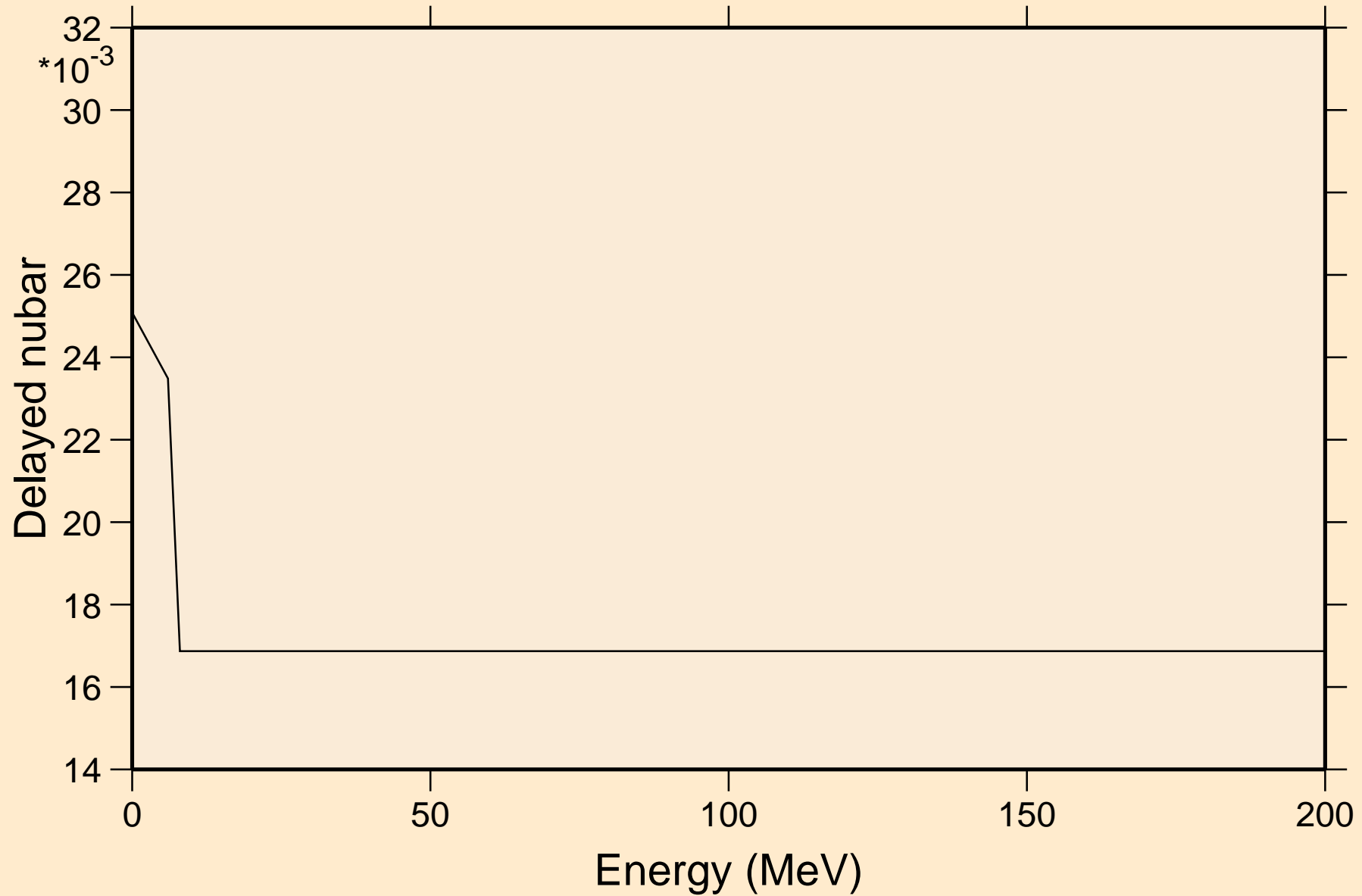


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



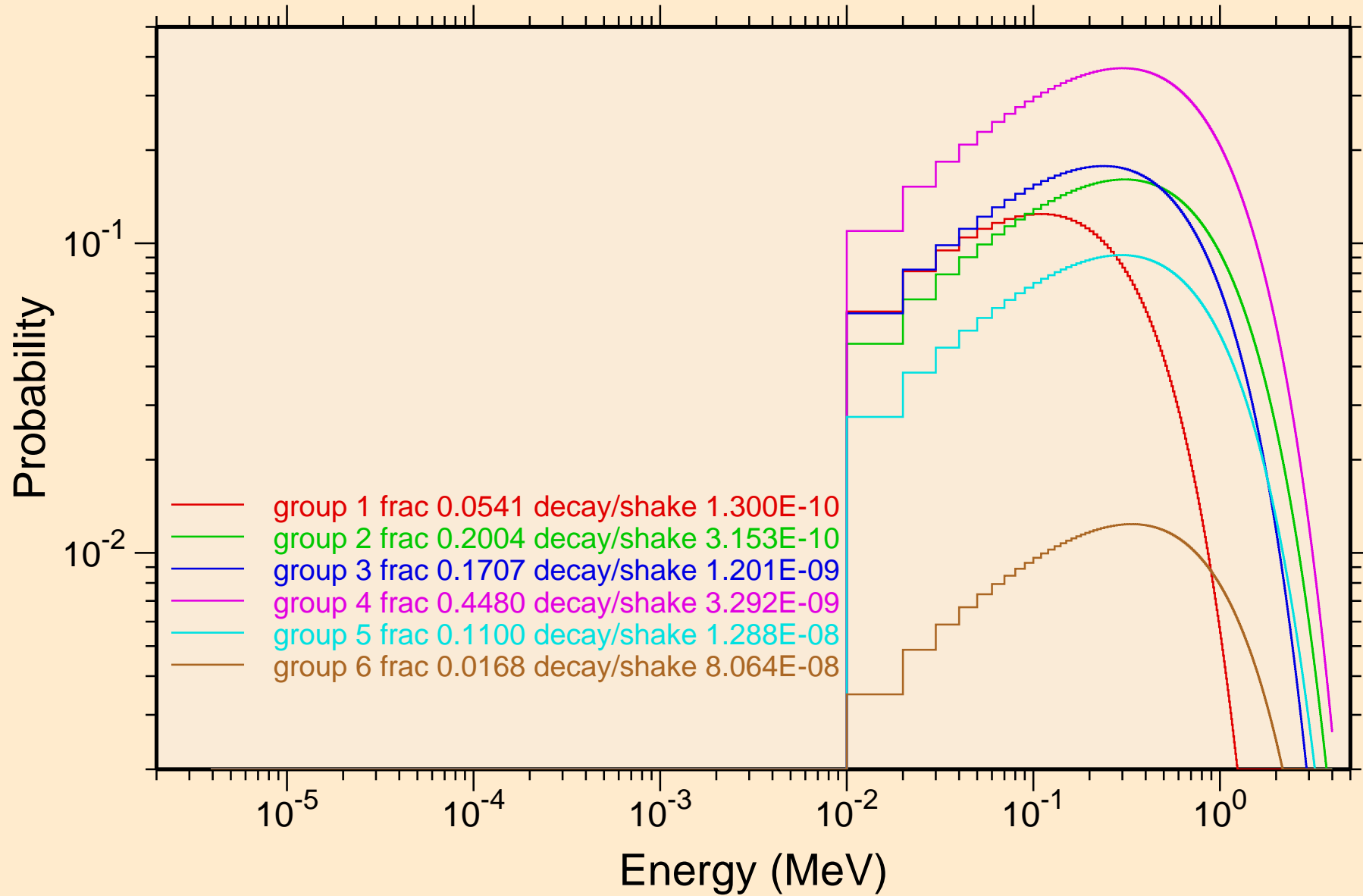
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Delayed nubar



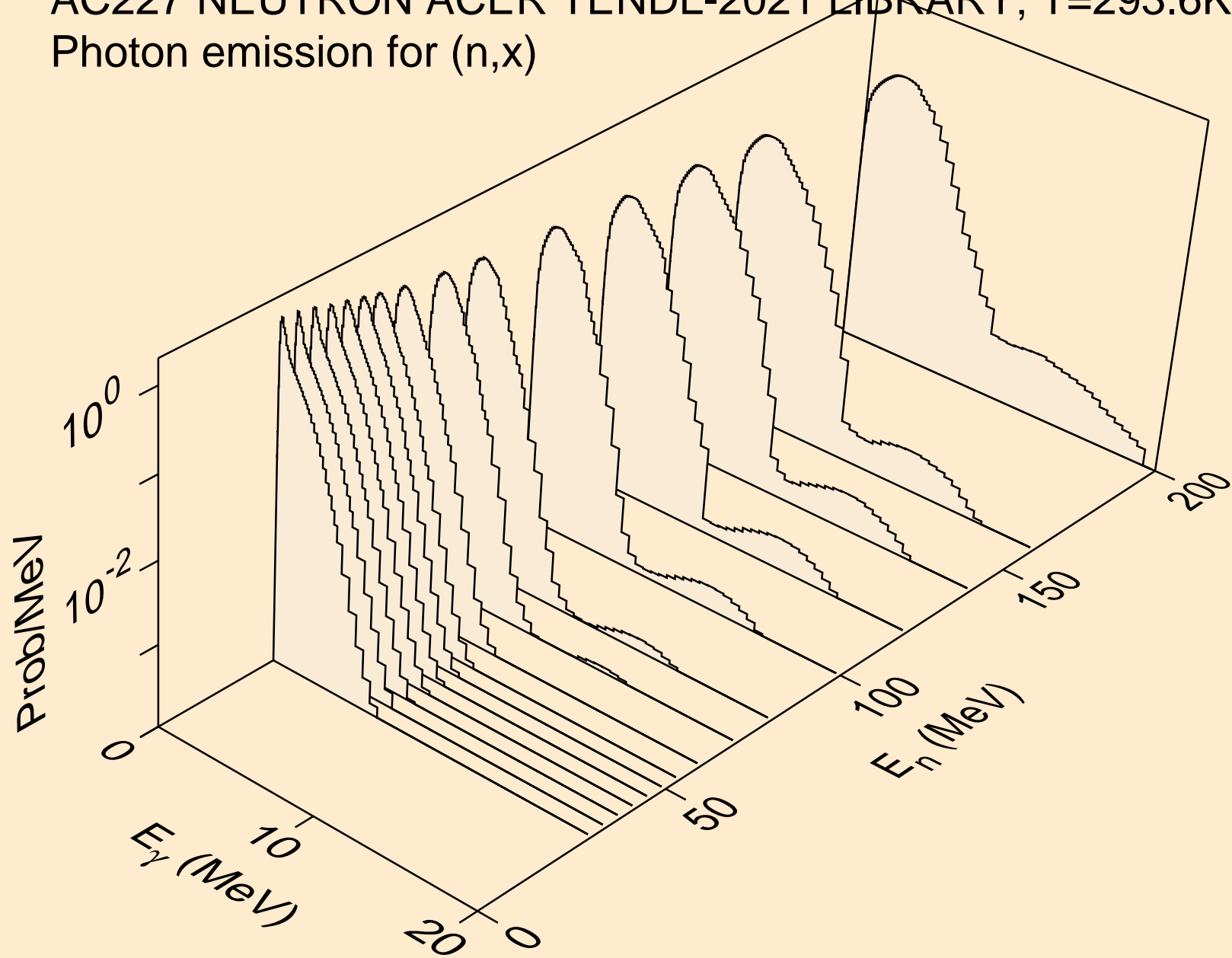
# AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed neutron spectra

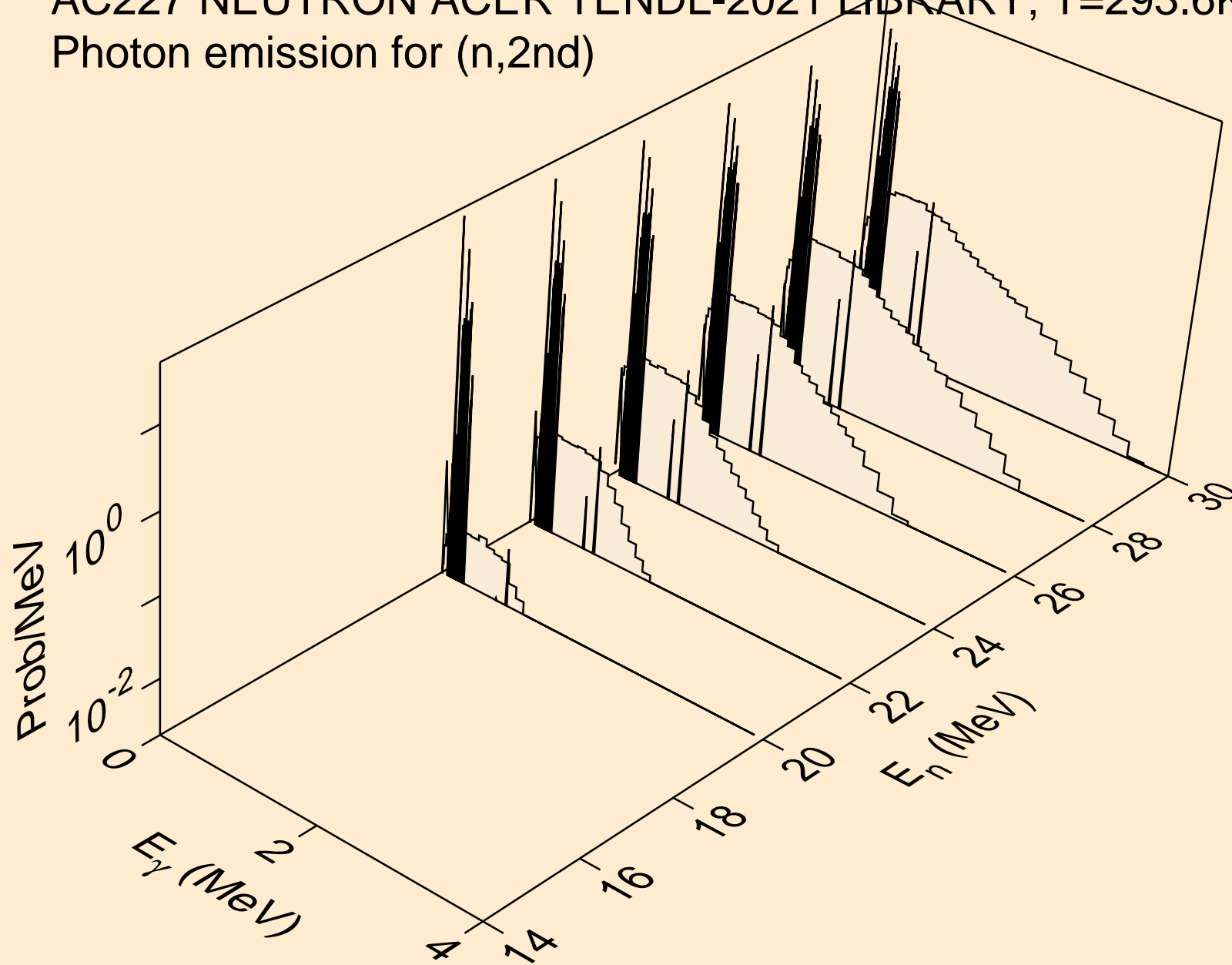




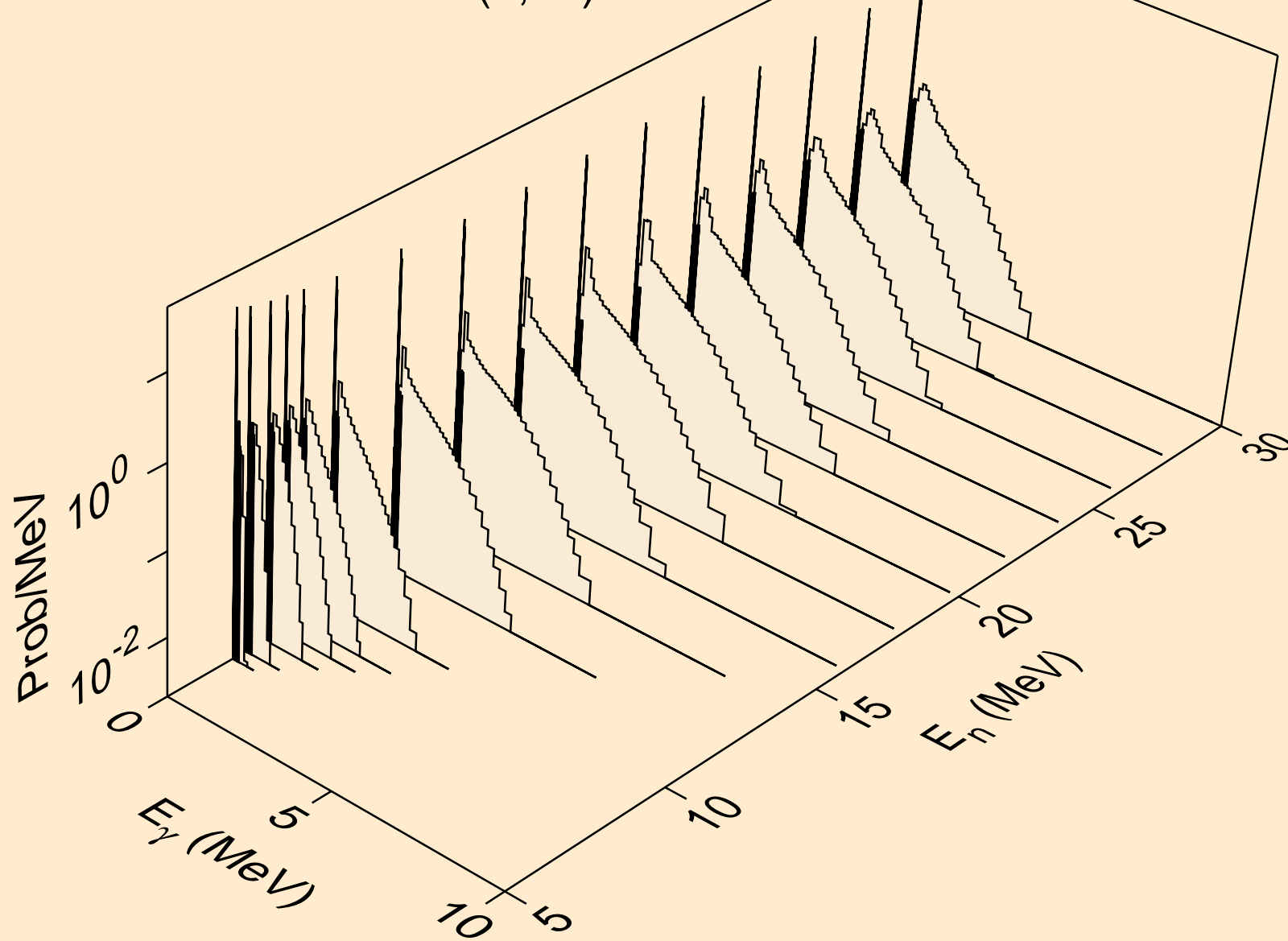
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



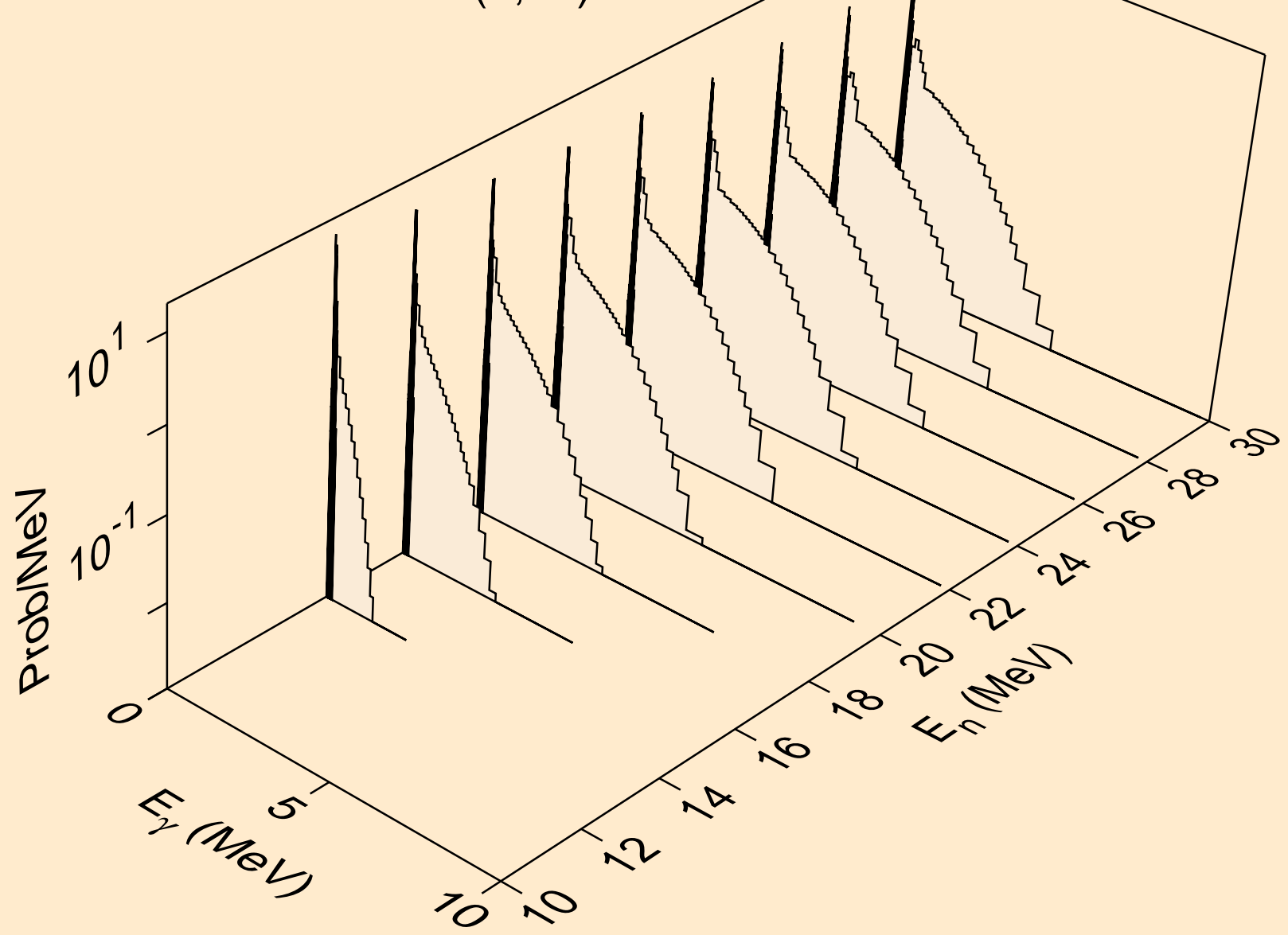
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



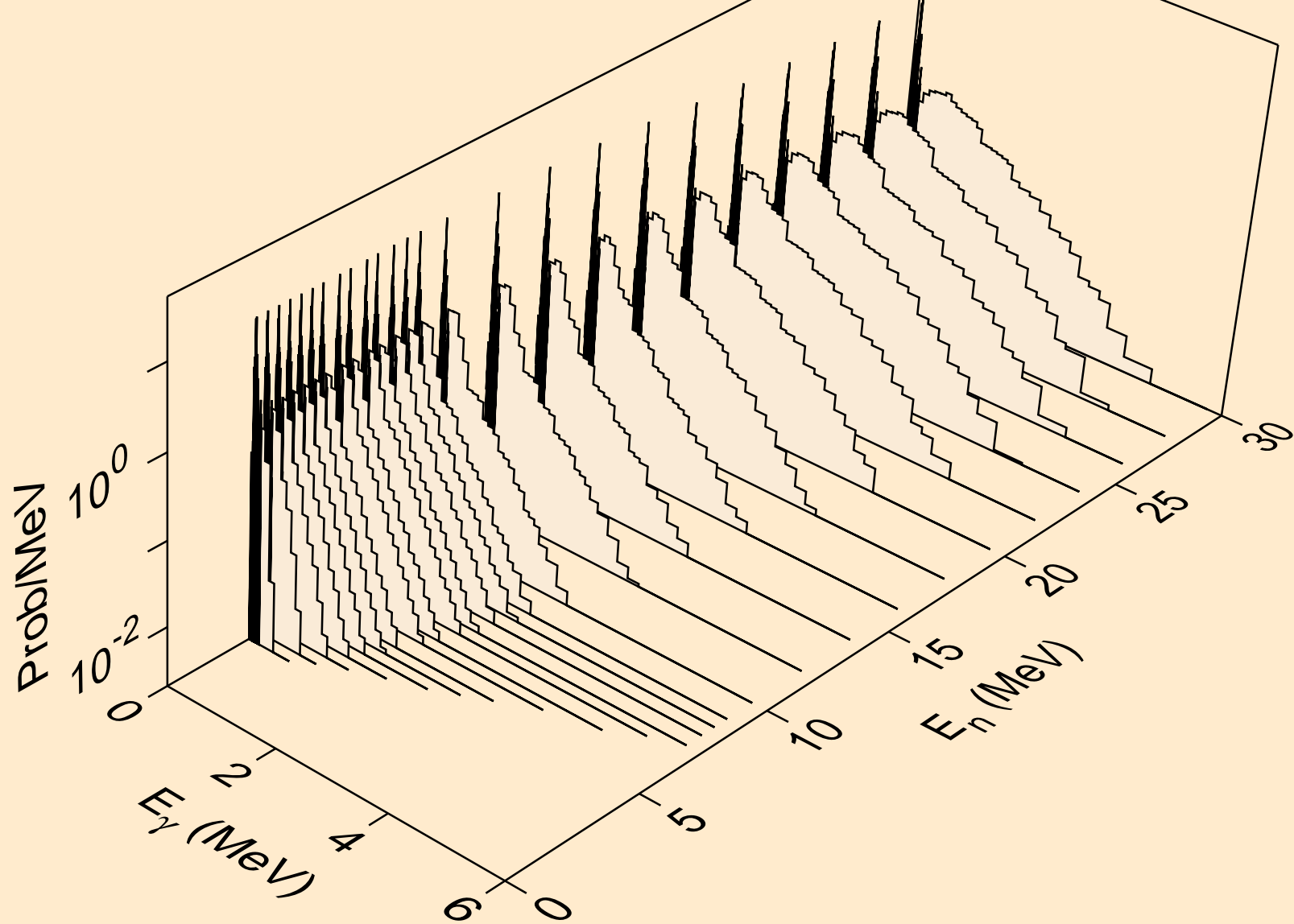
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



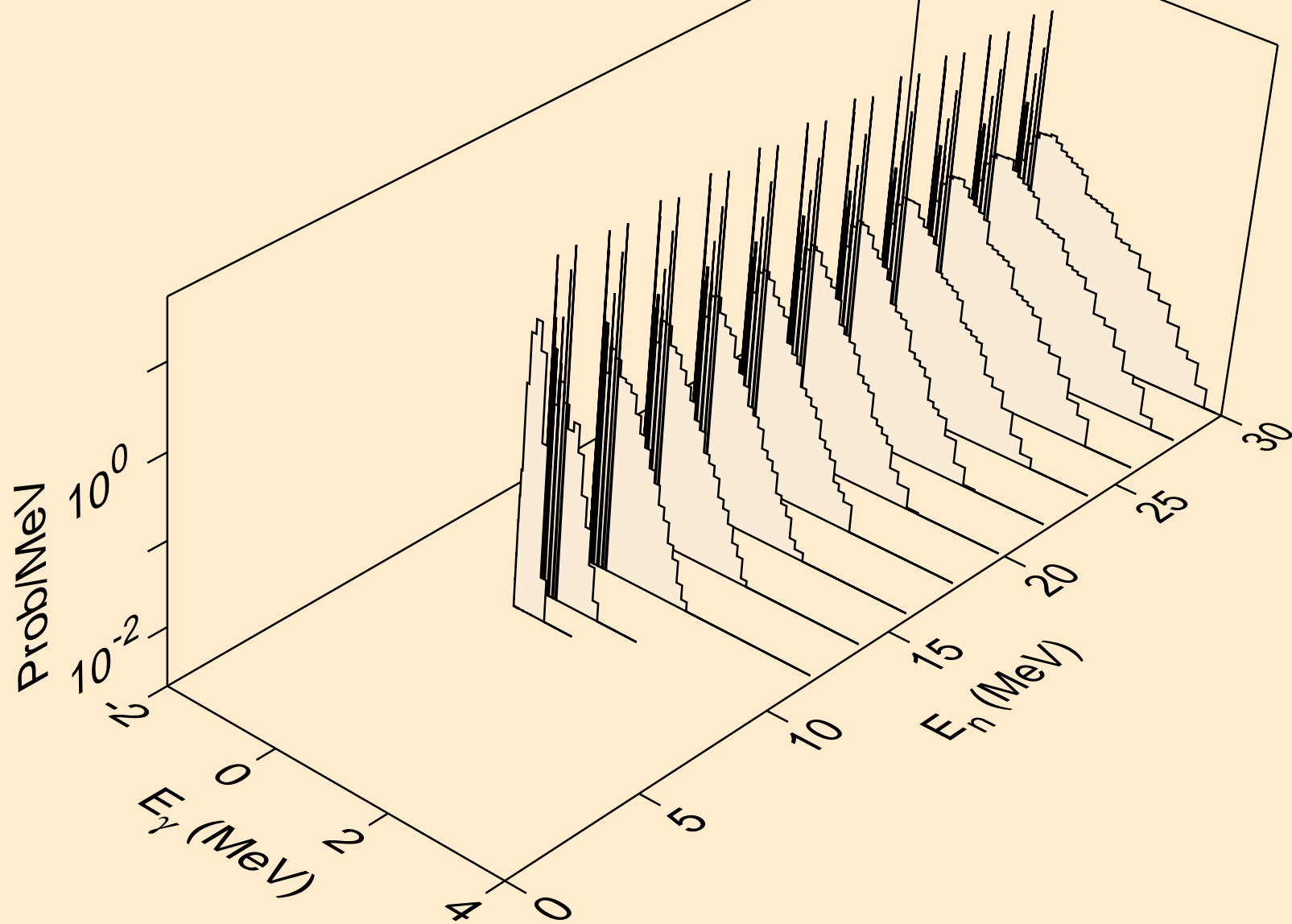
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



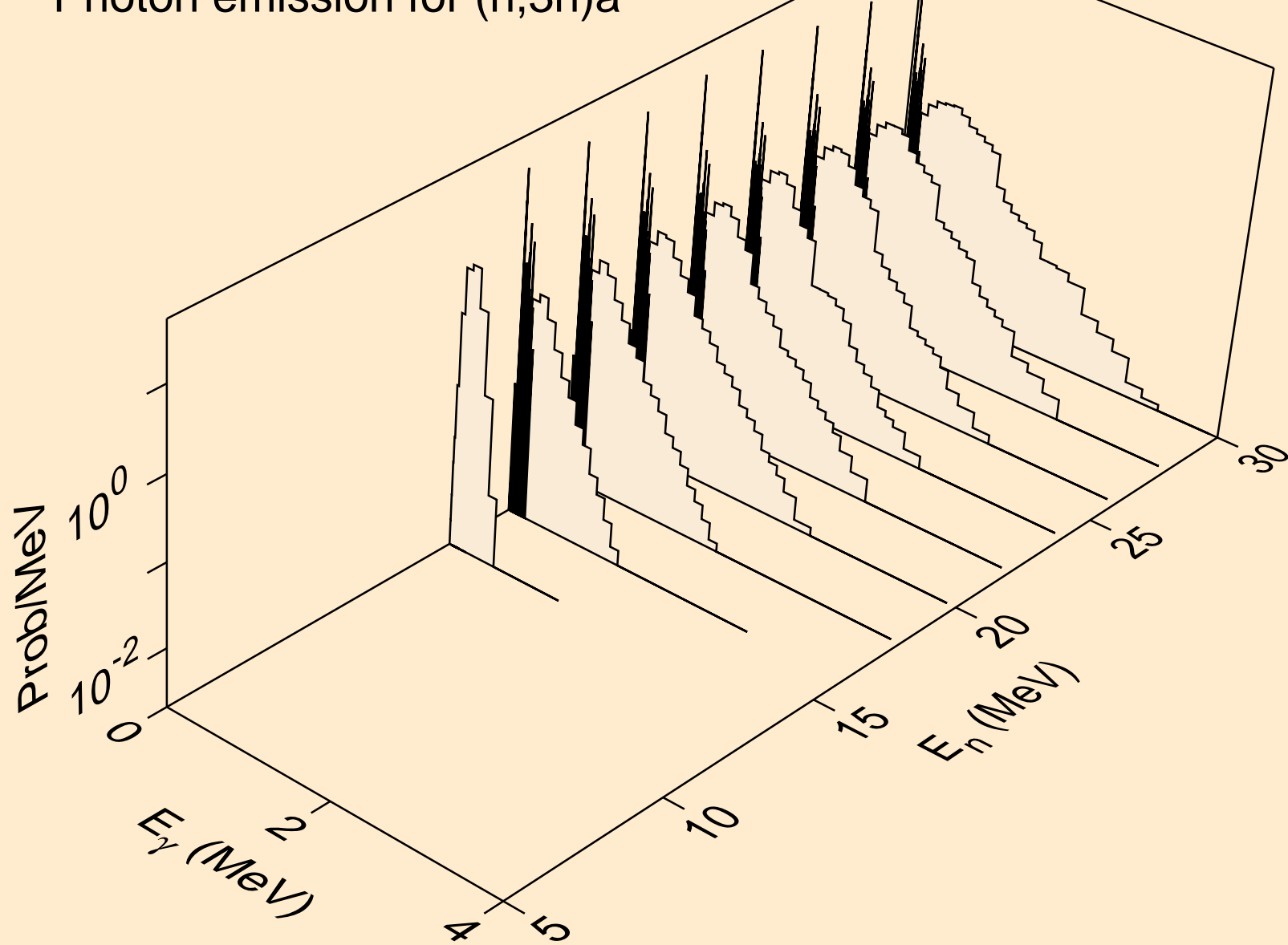
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



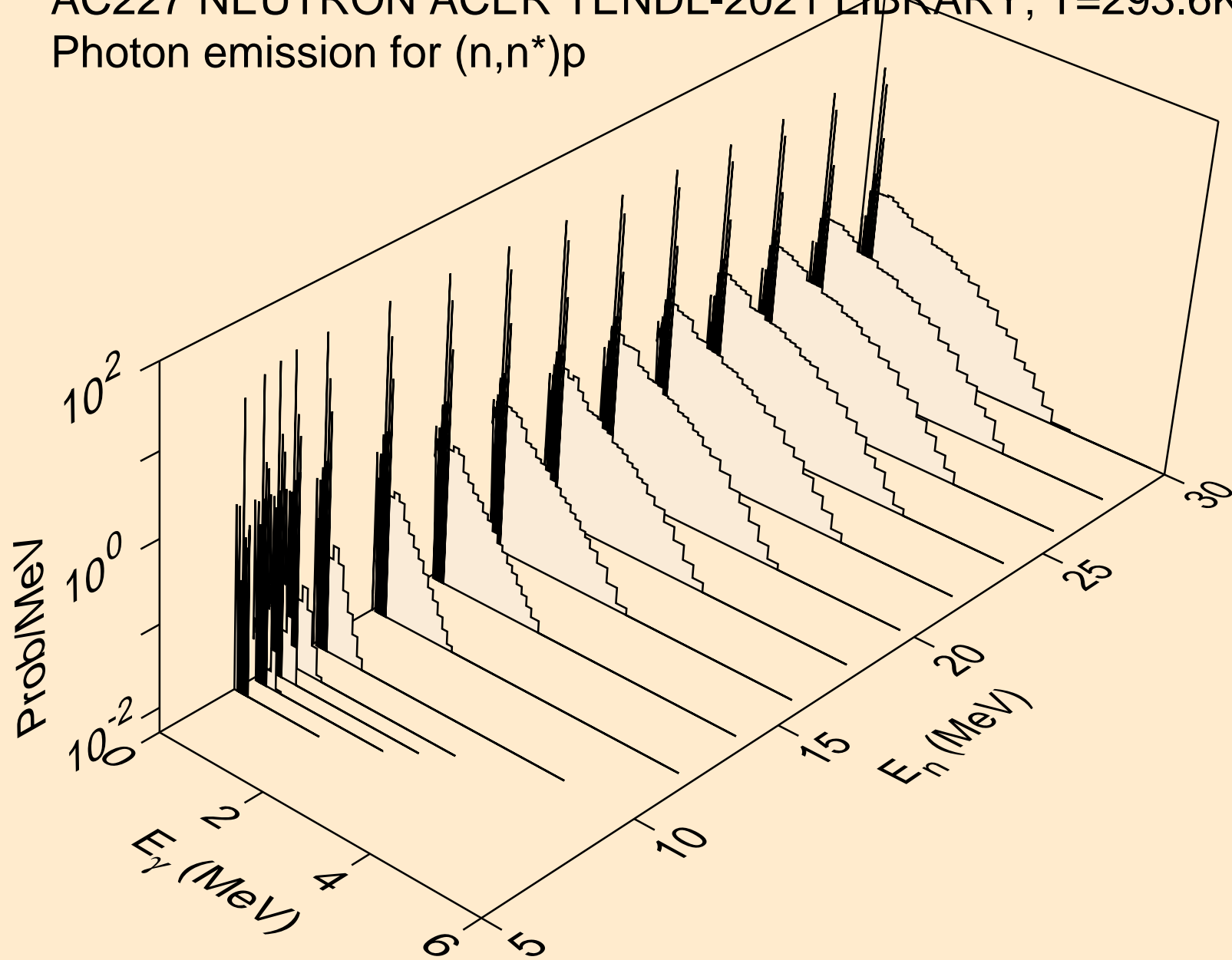
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

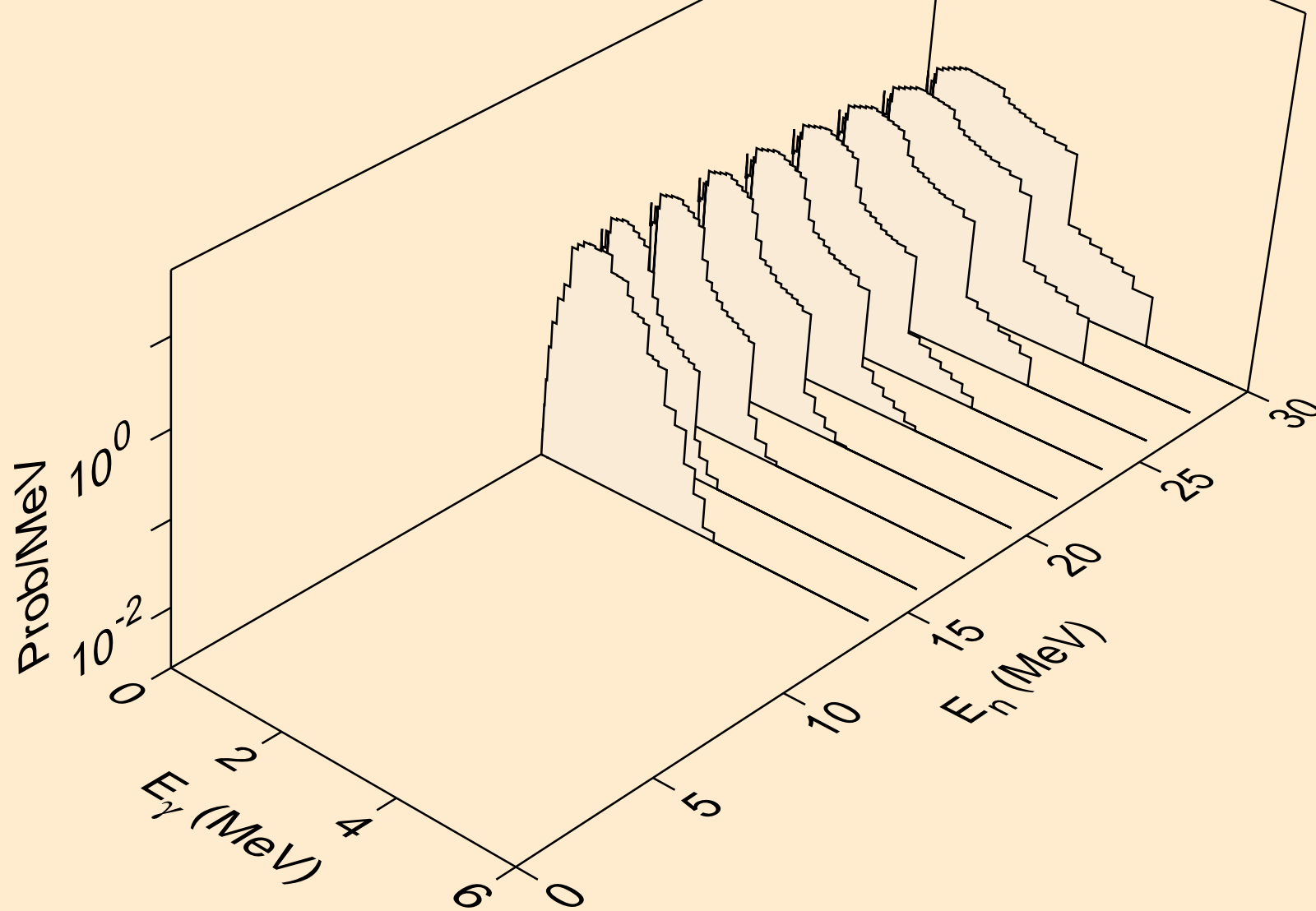


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

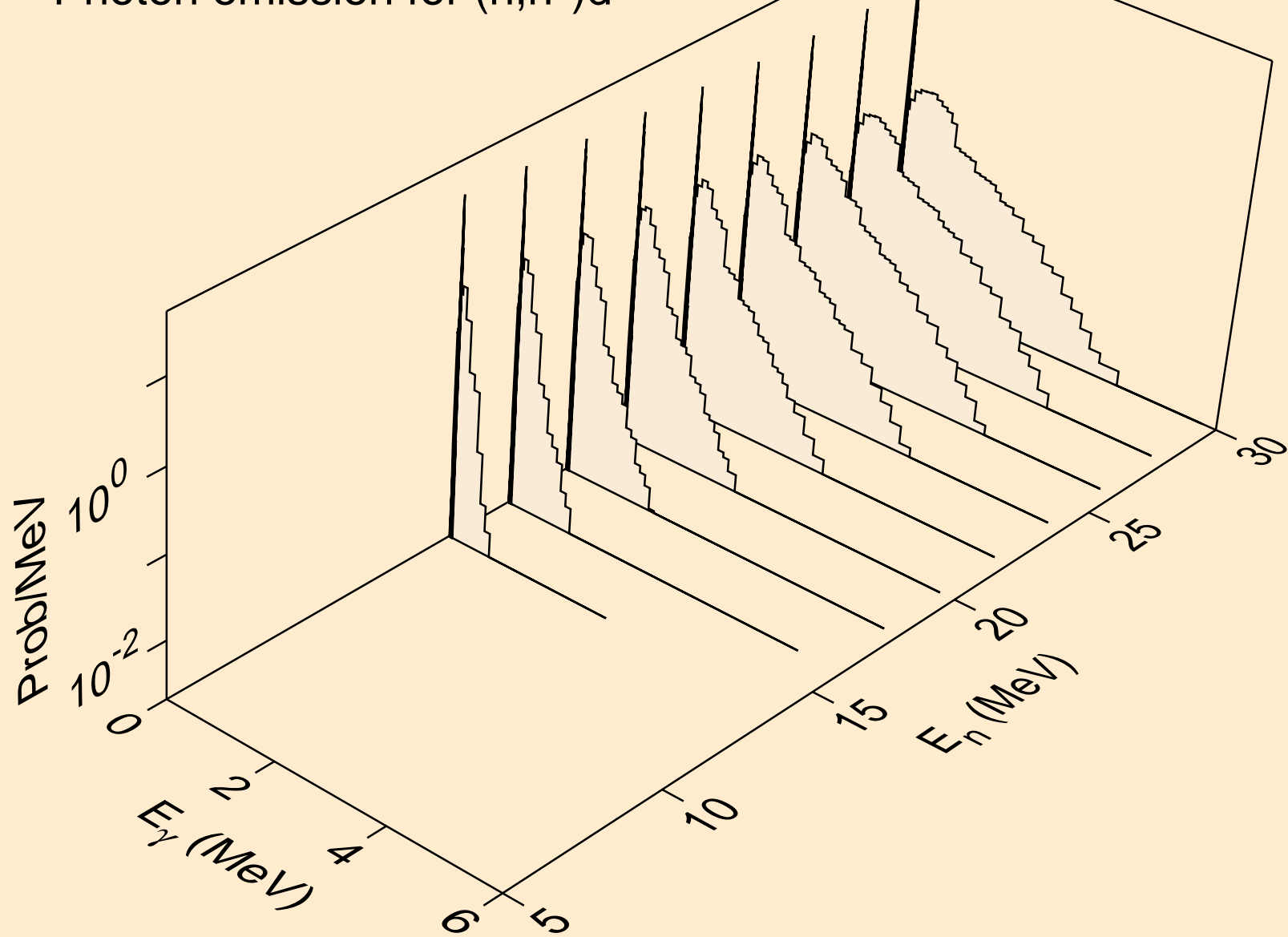




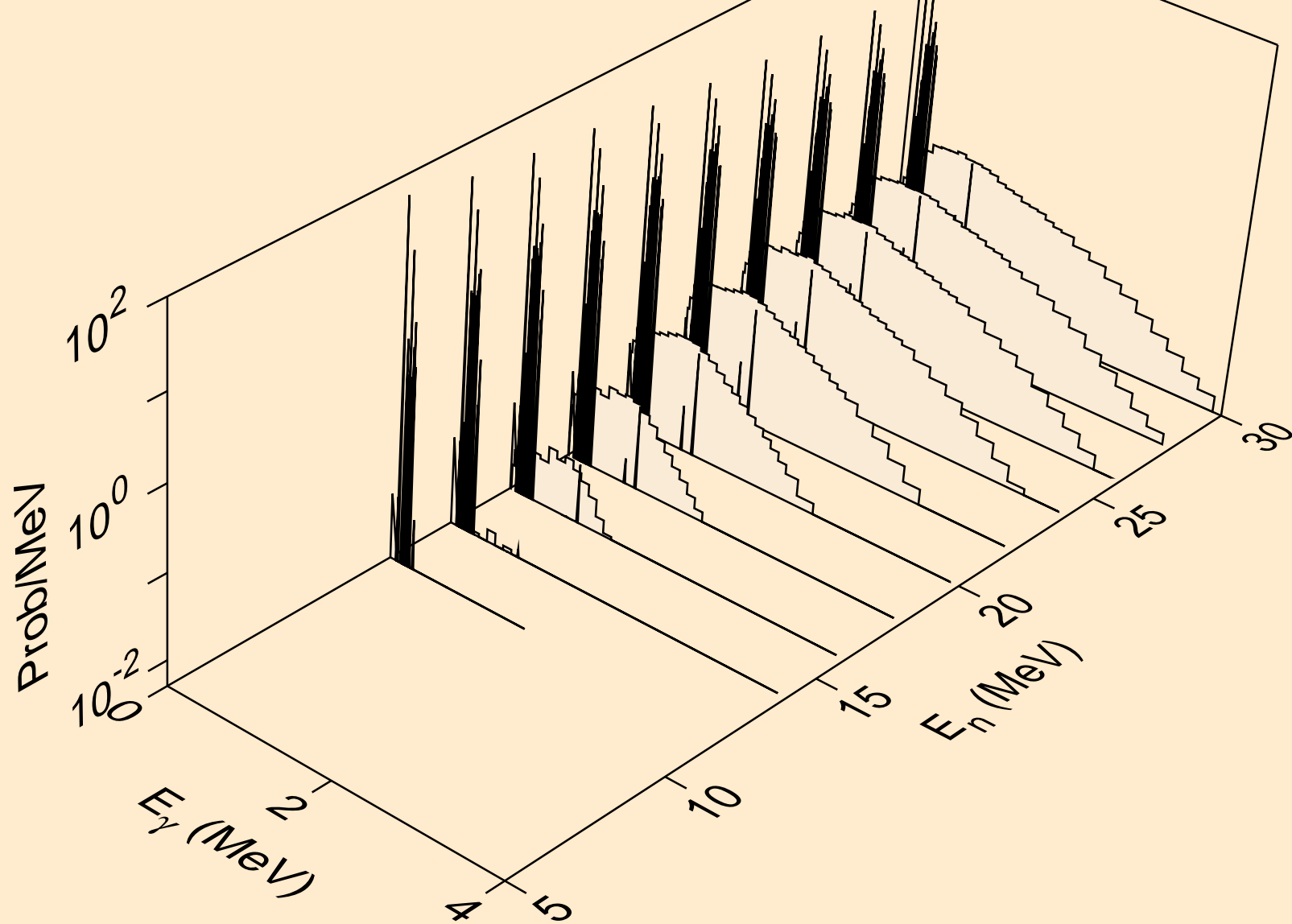
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



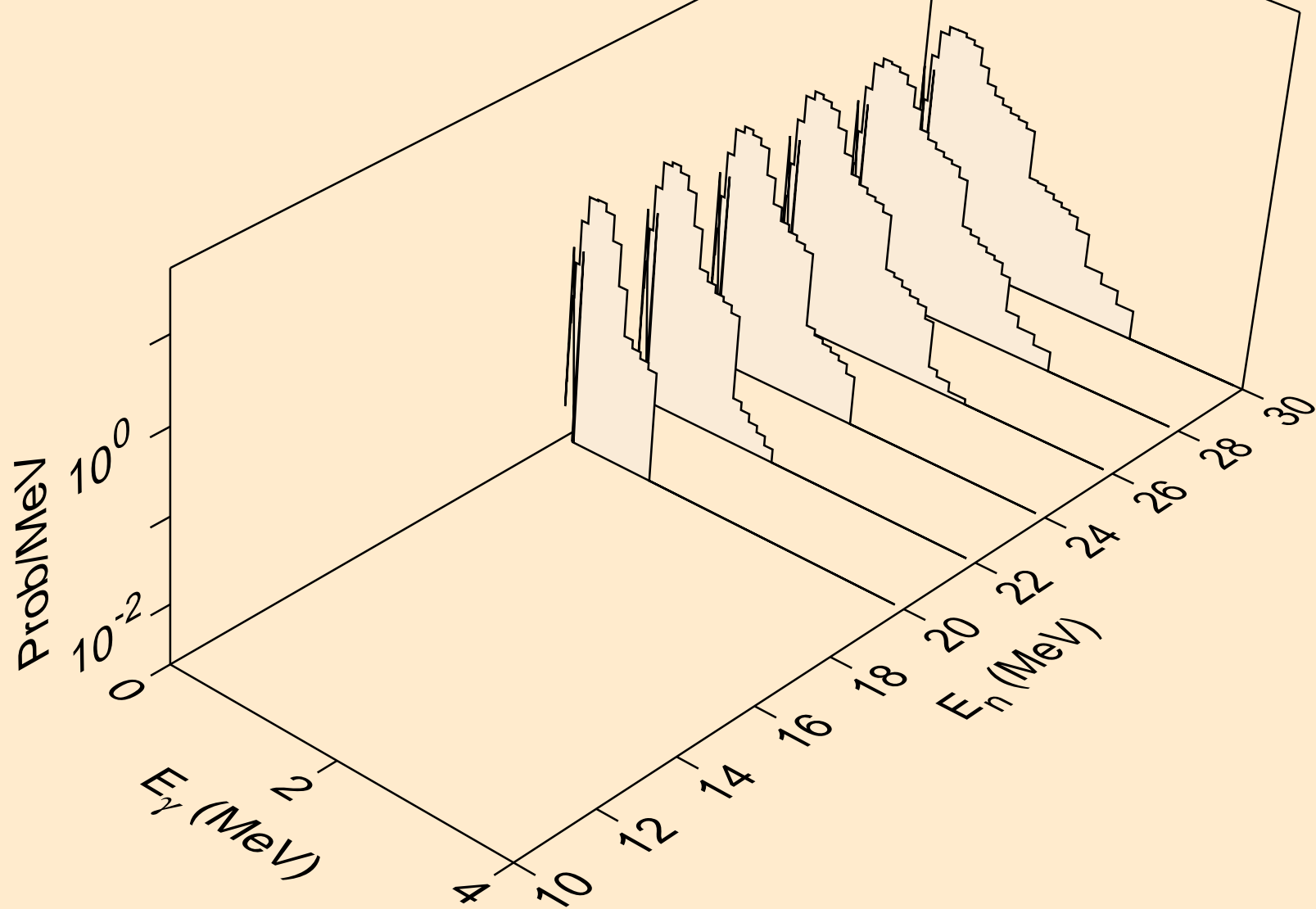
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



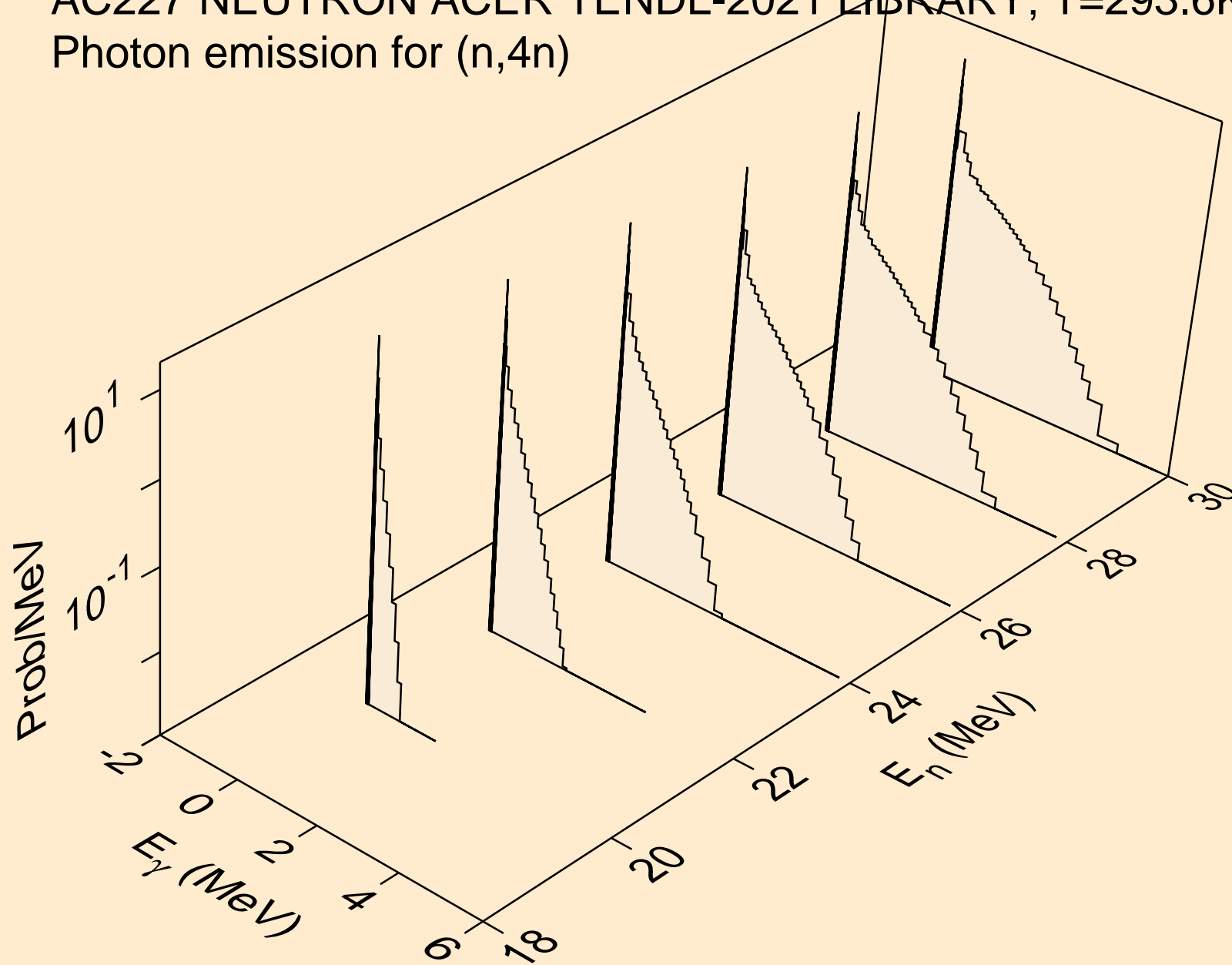
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



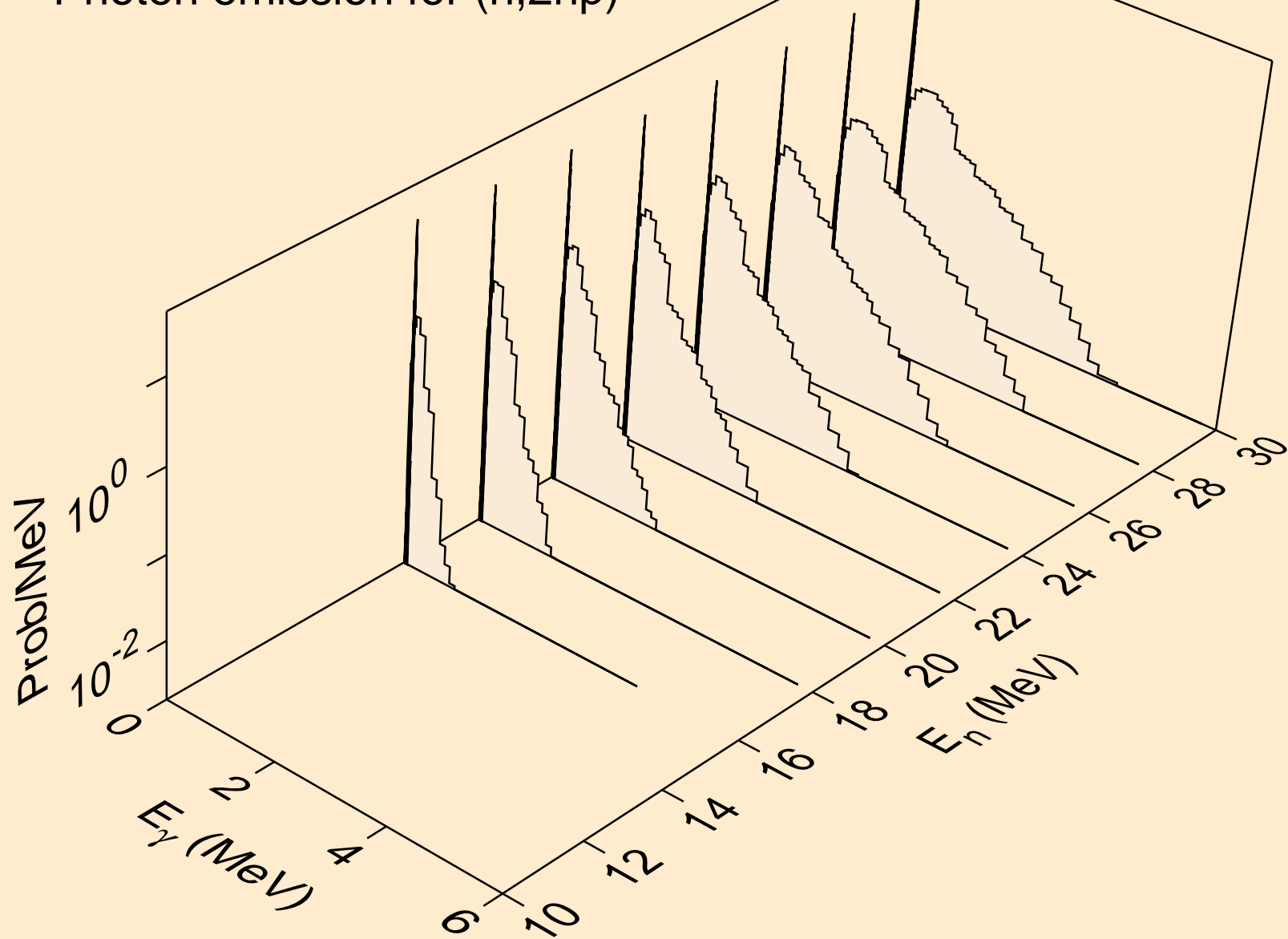
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



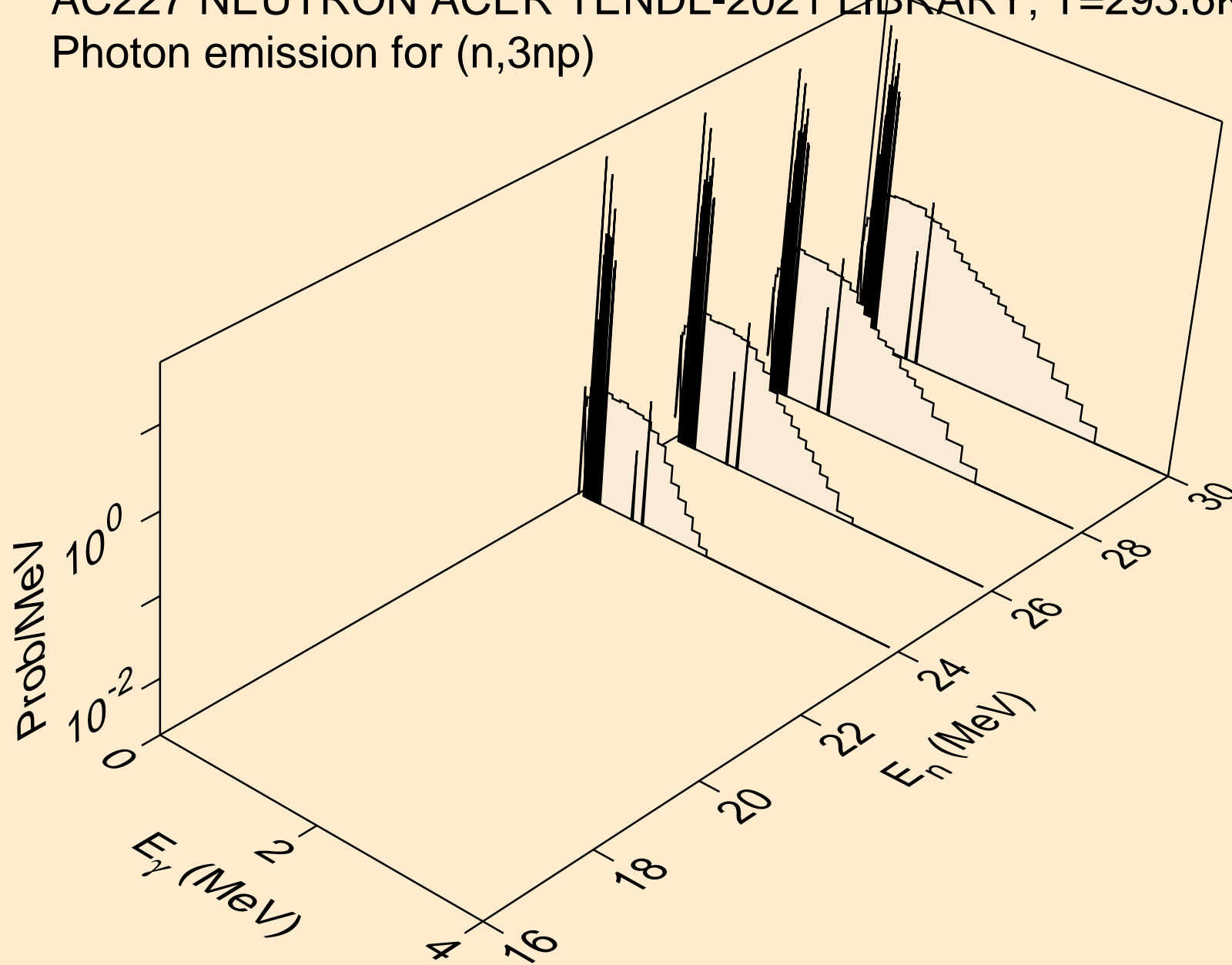
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



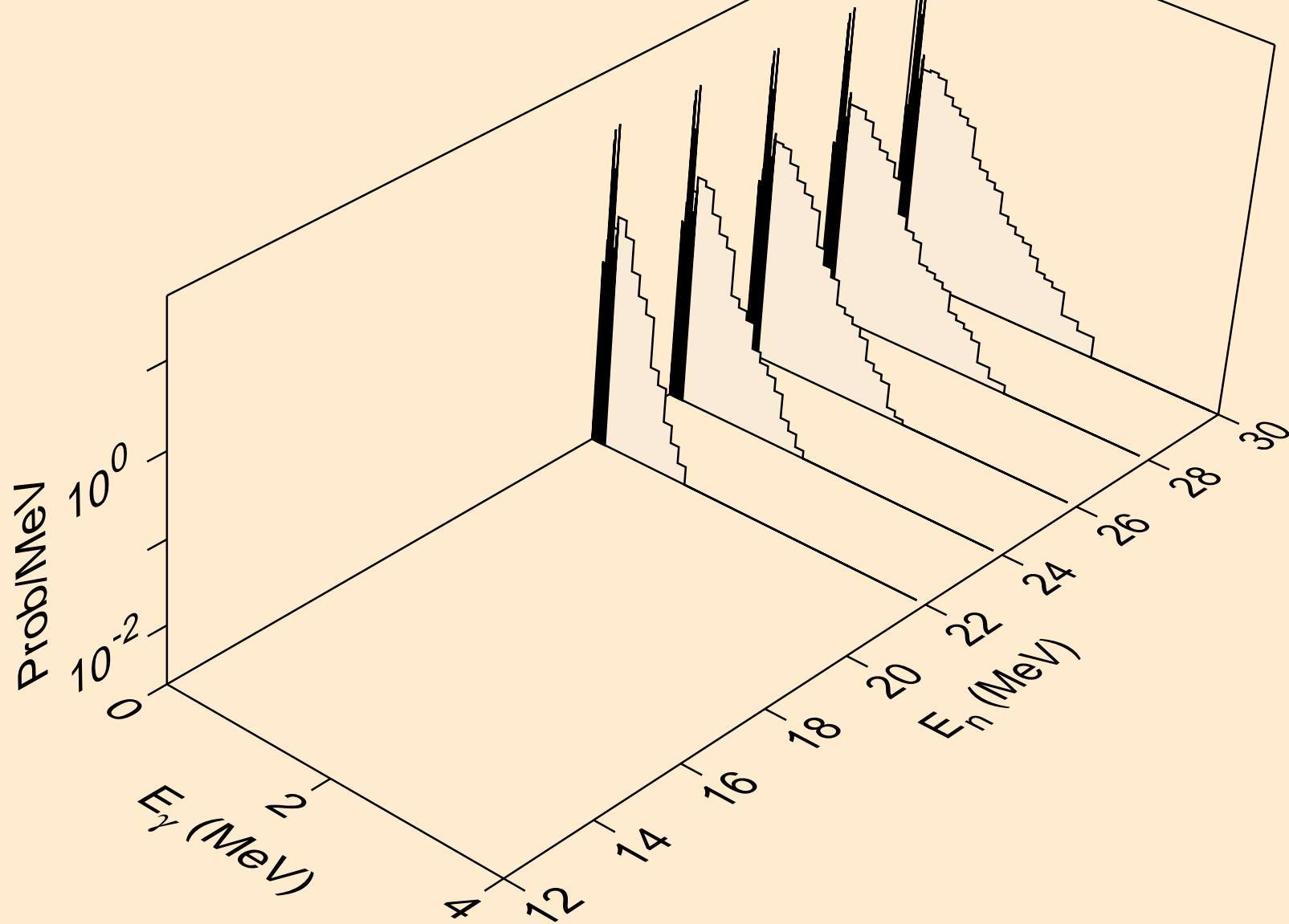
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

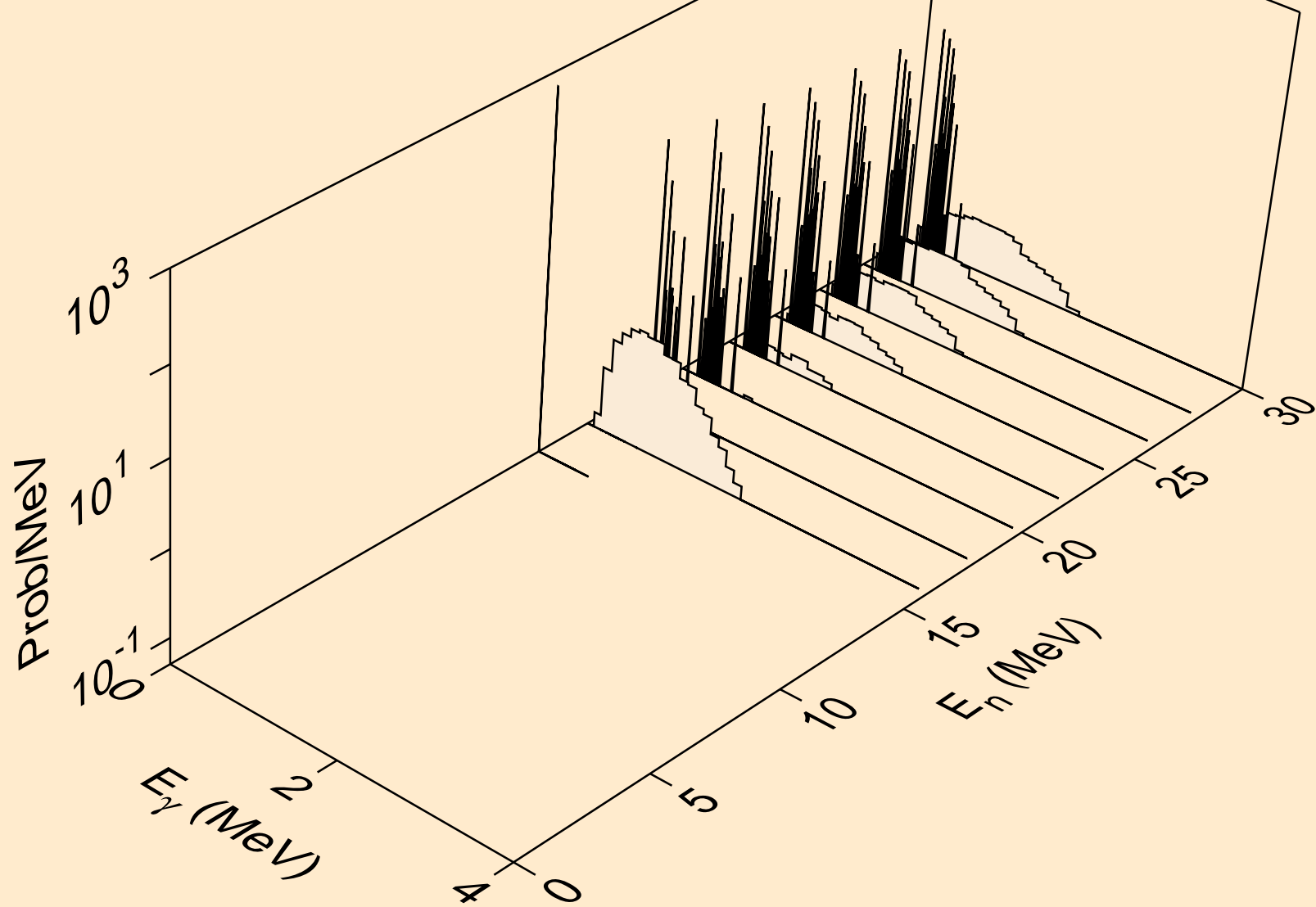


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

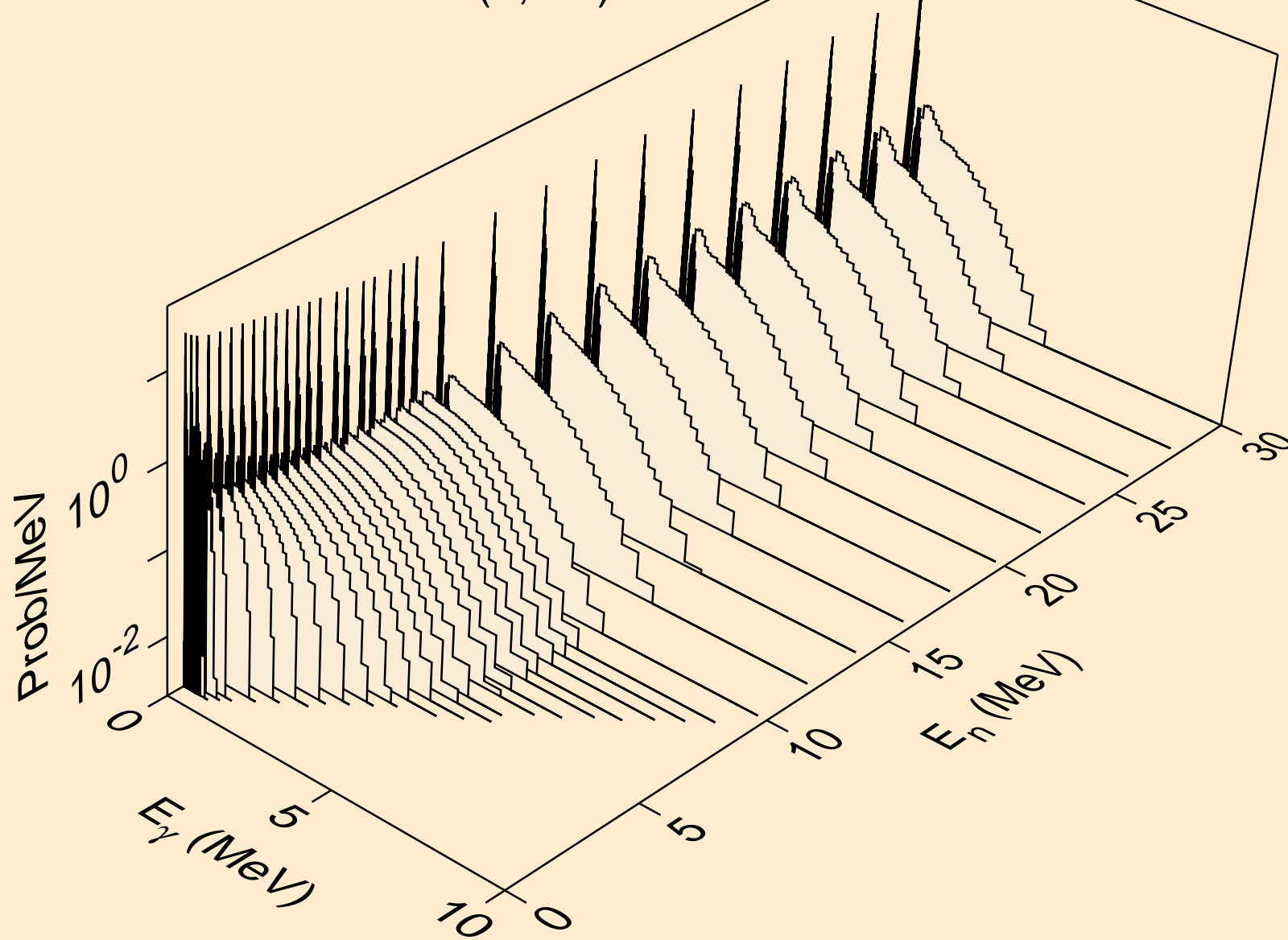




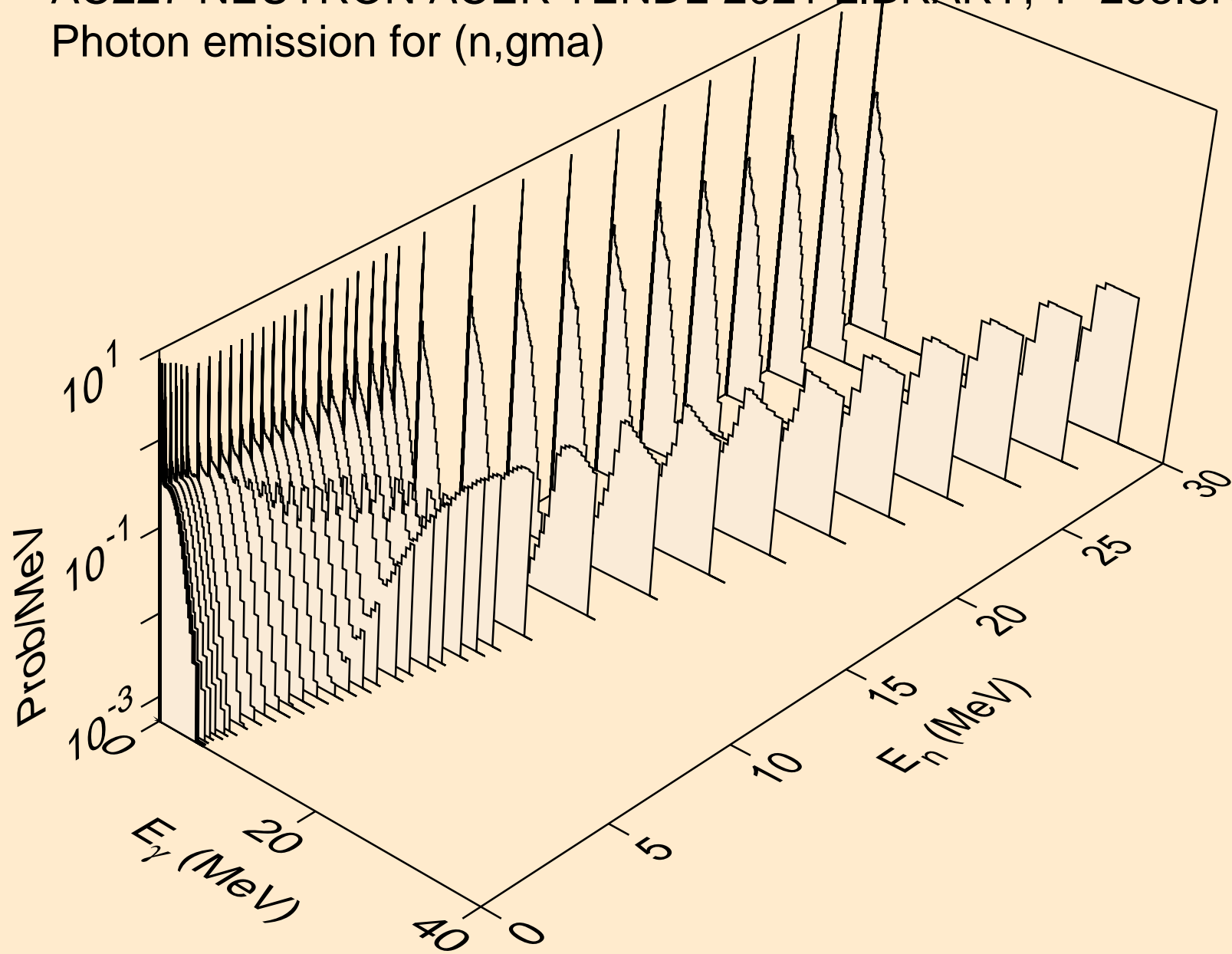
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



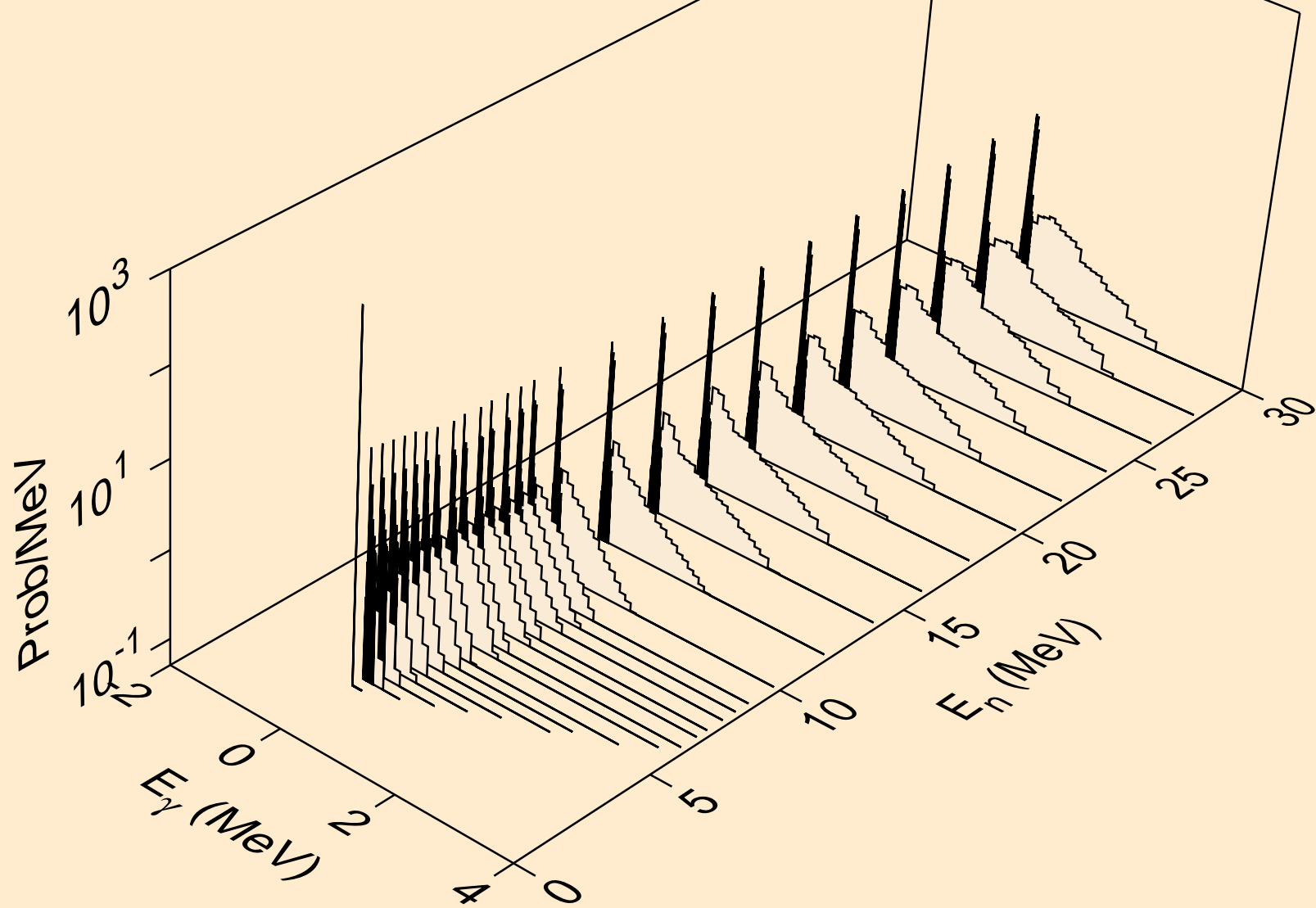
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



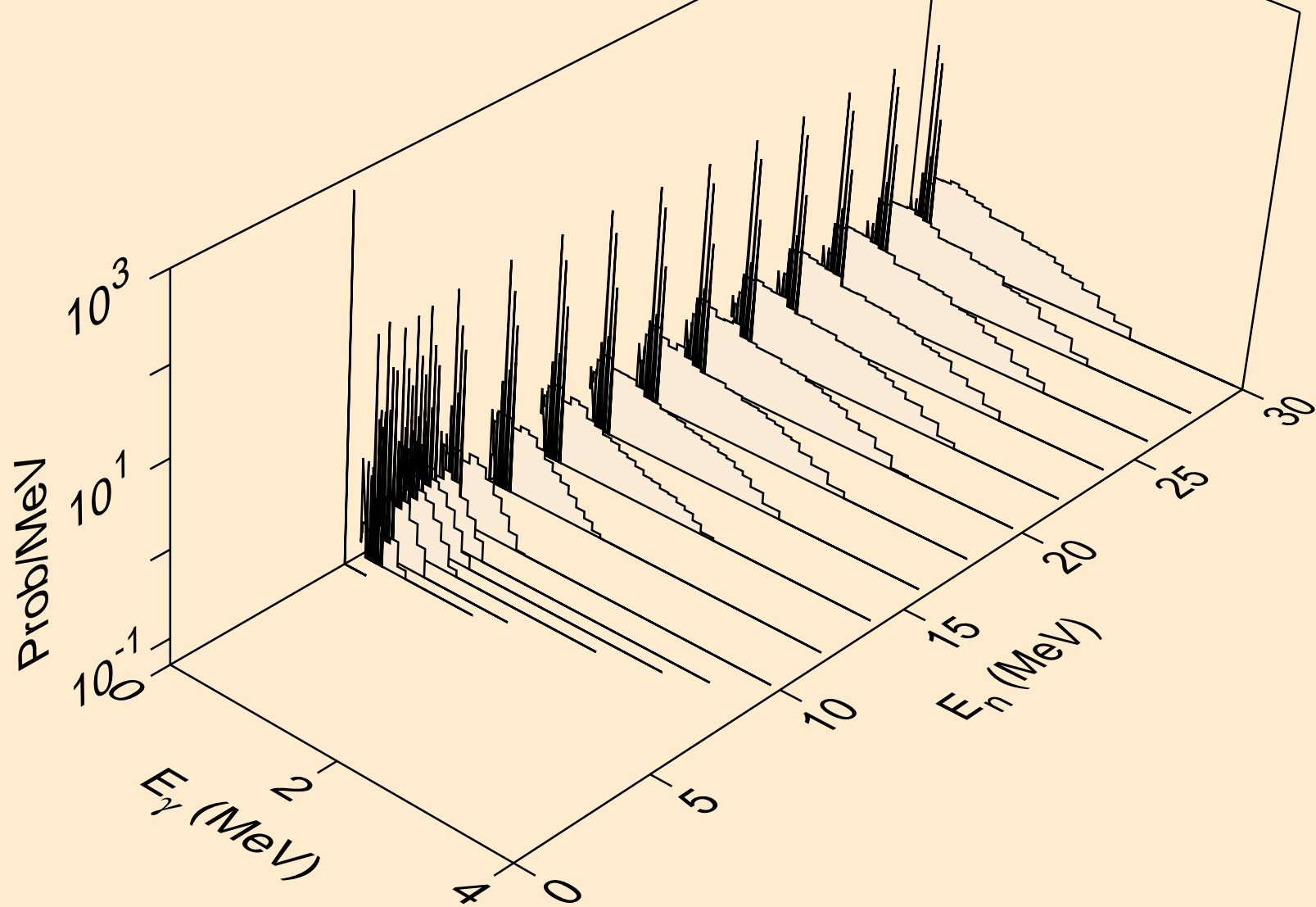
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



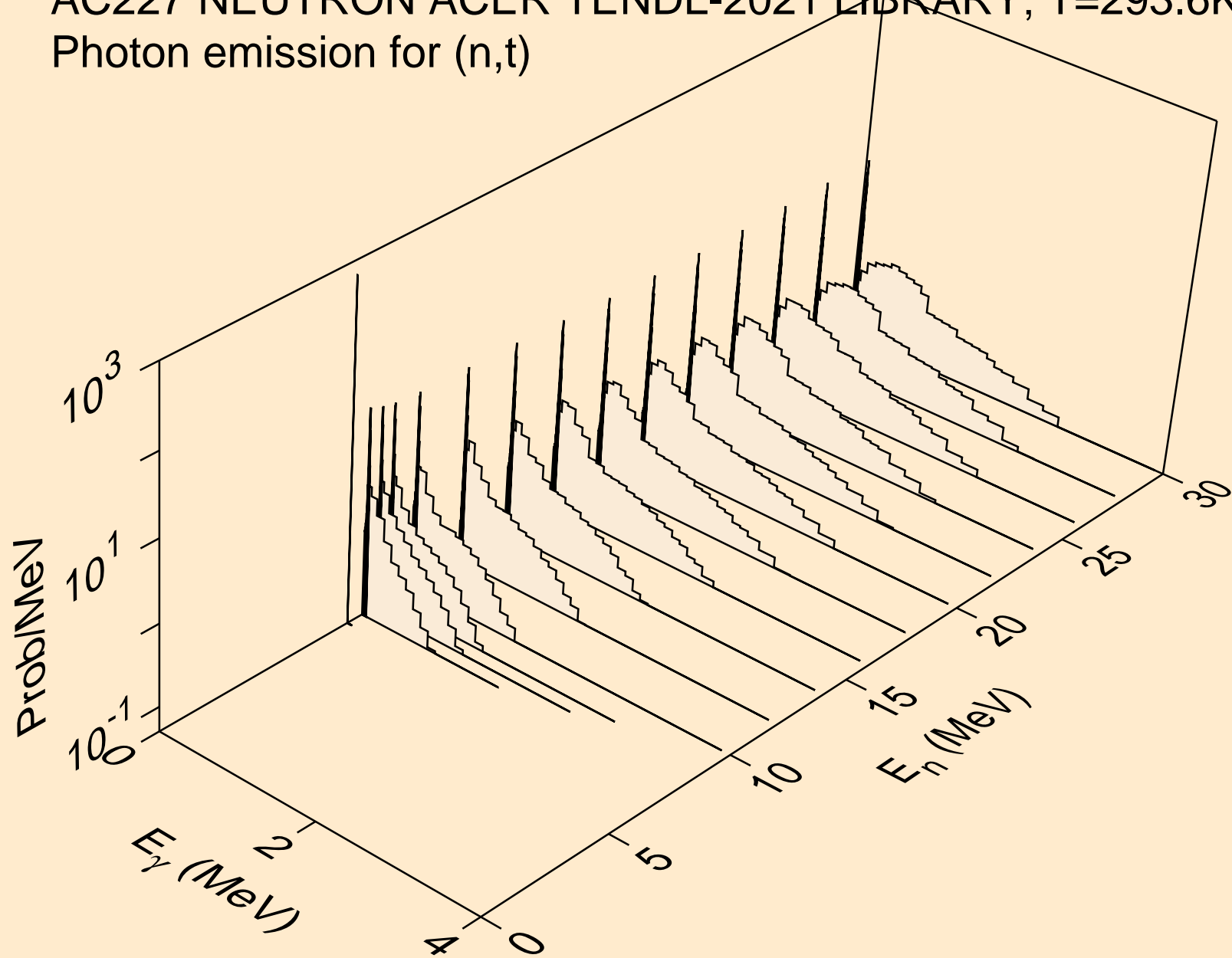
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



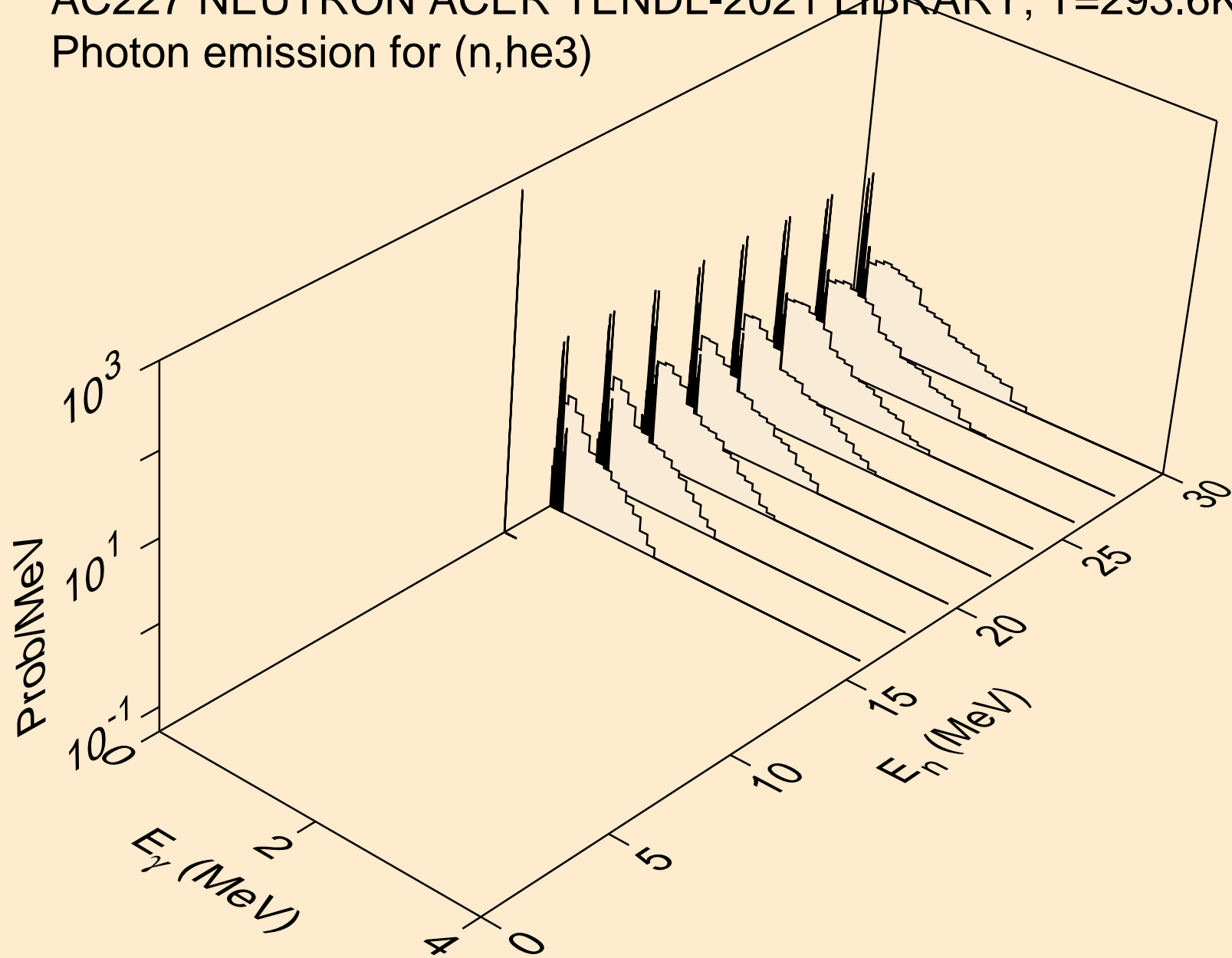
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



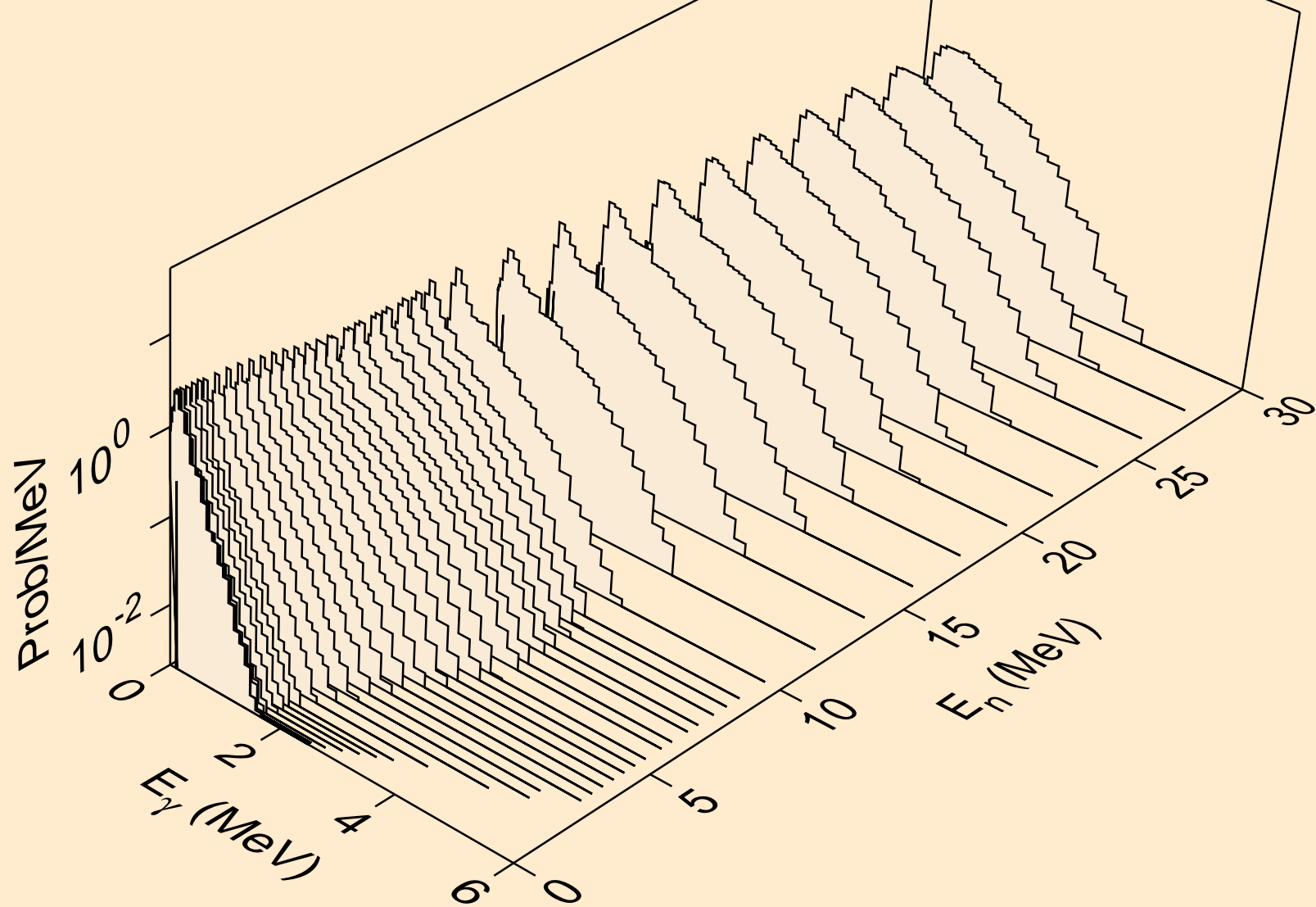
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

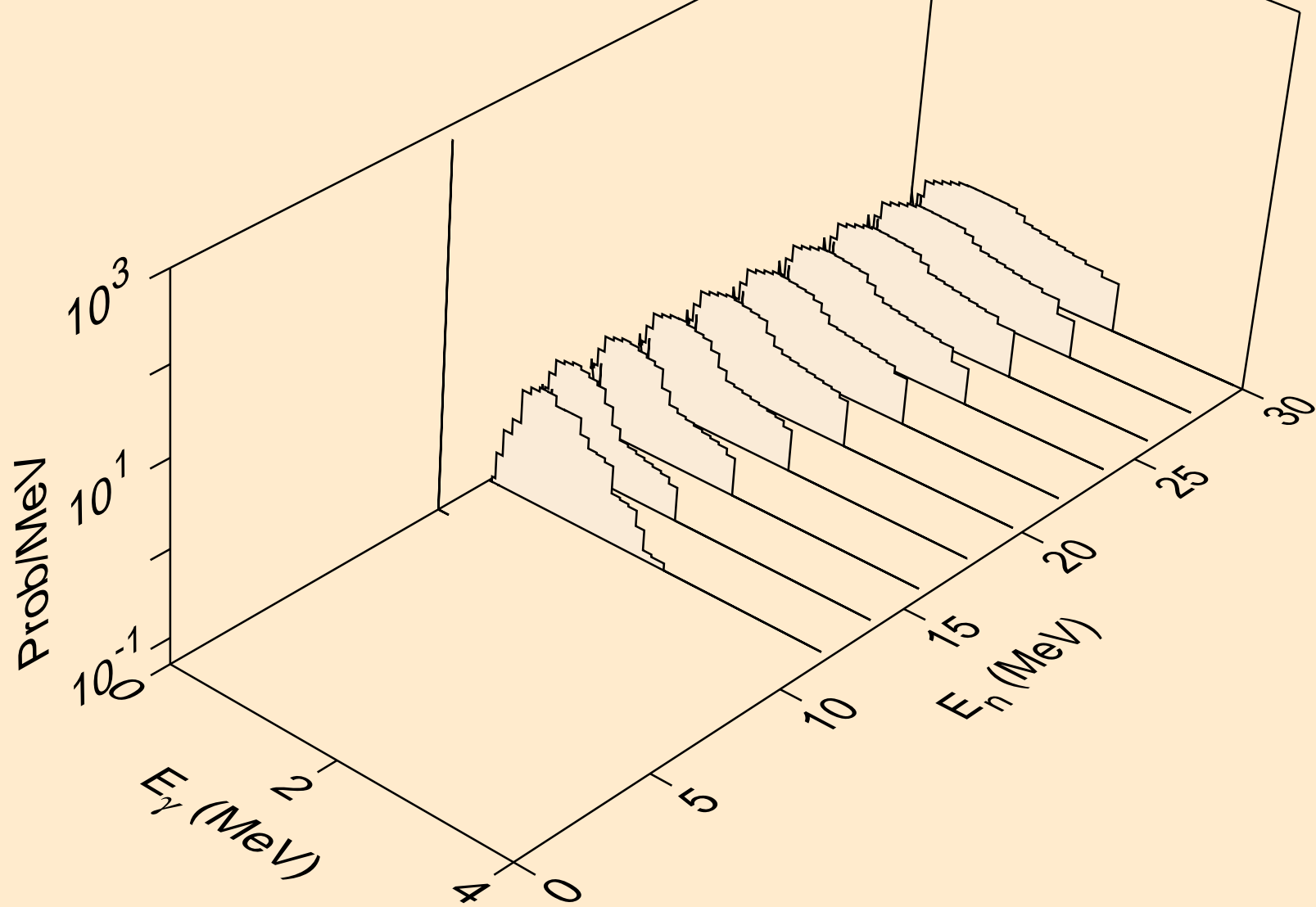


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

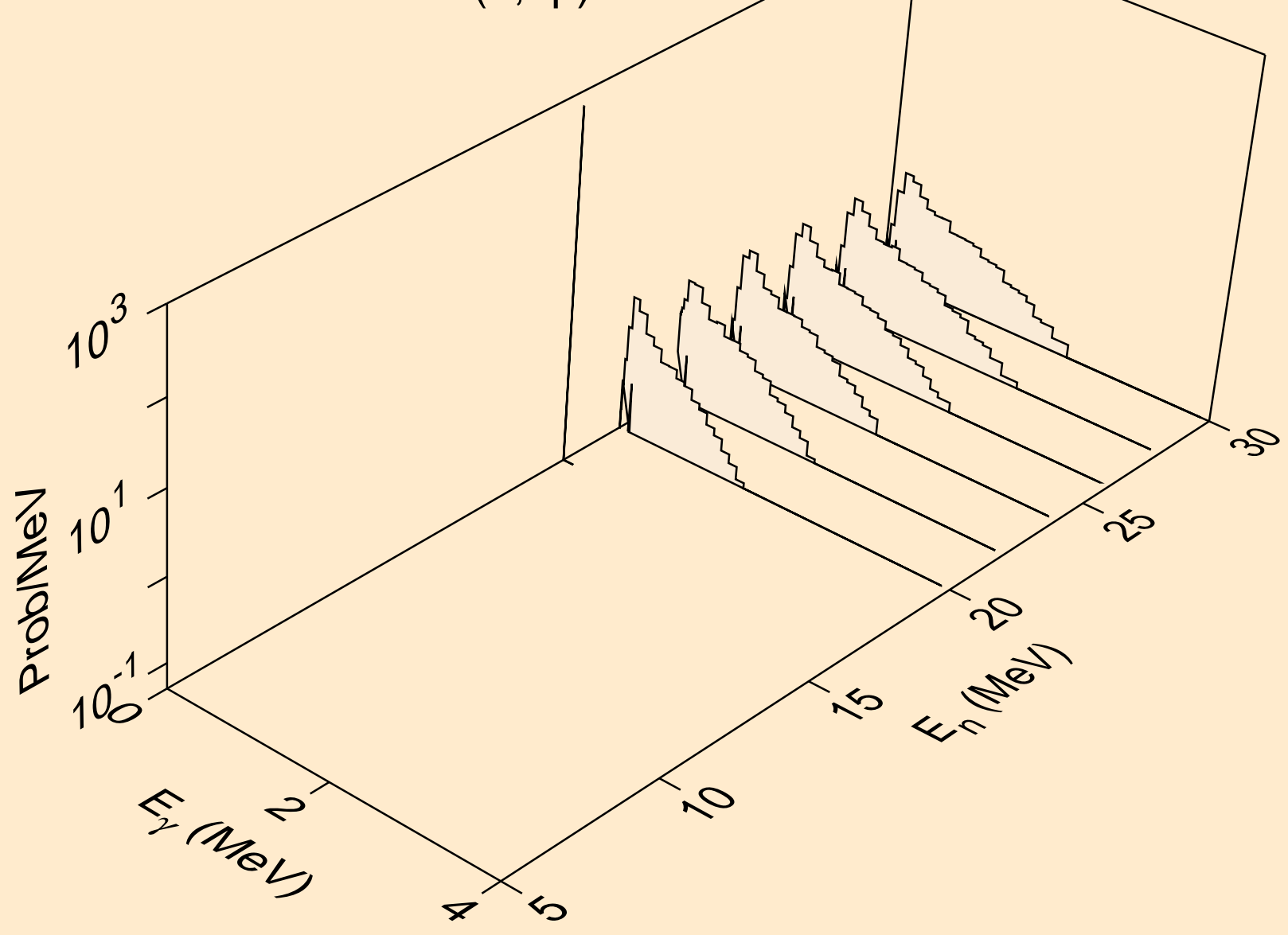




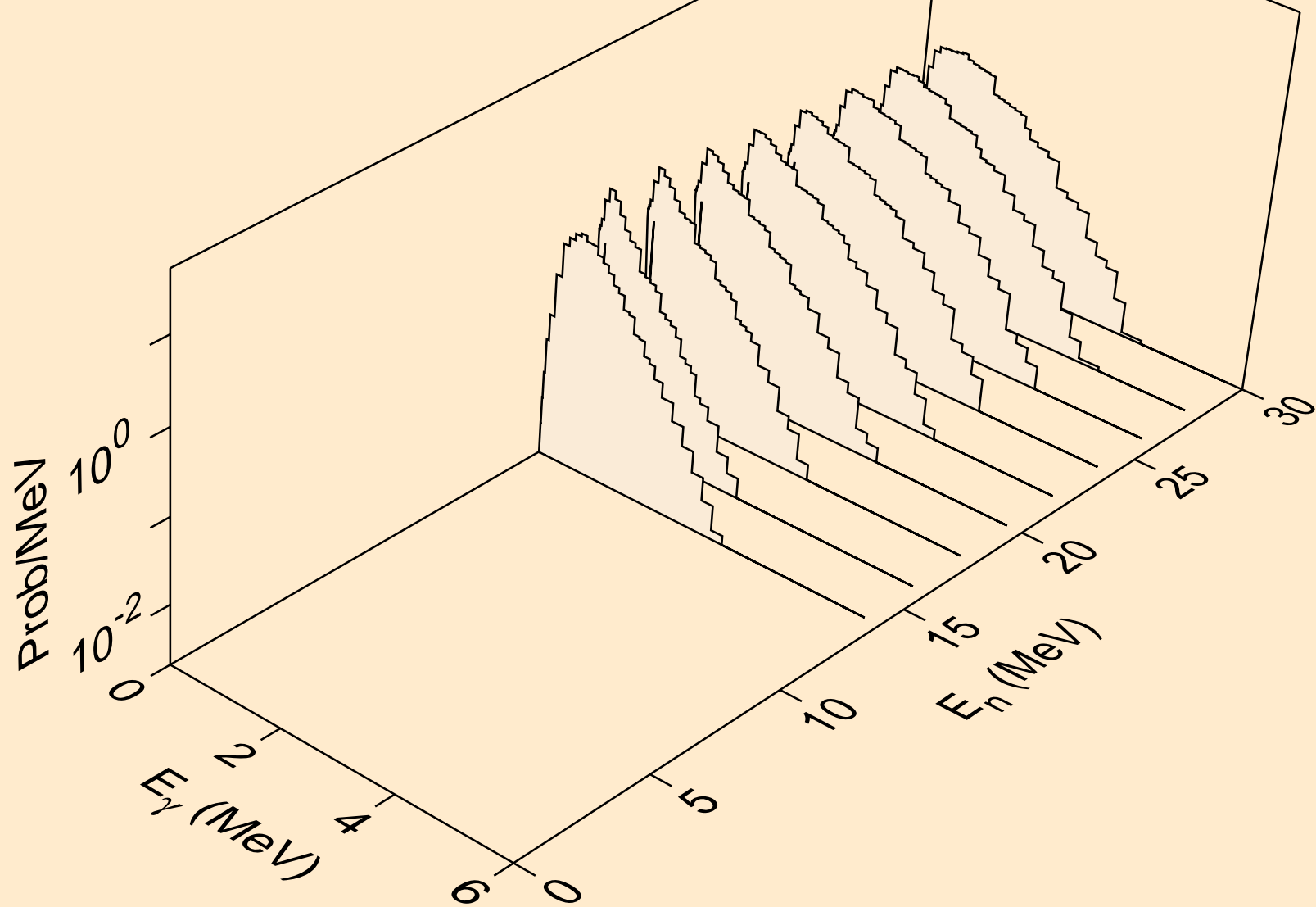
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



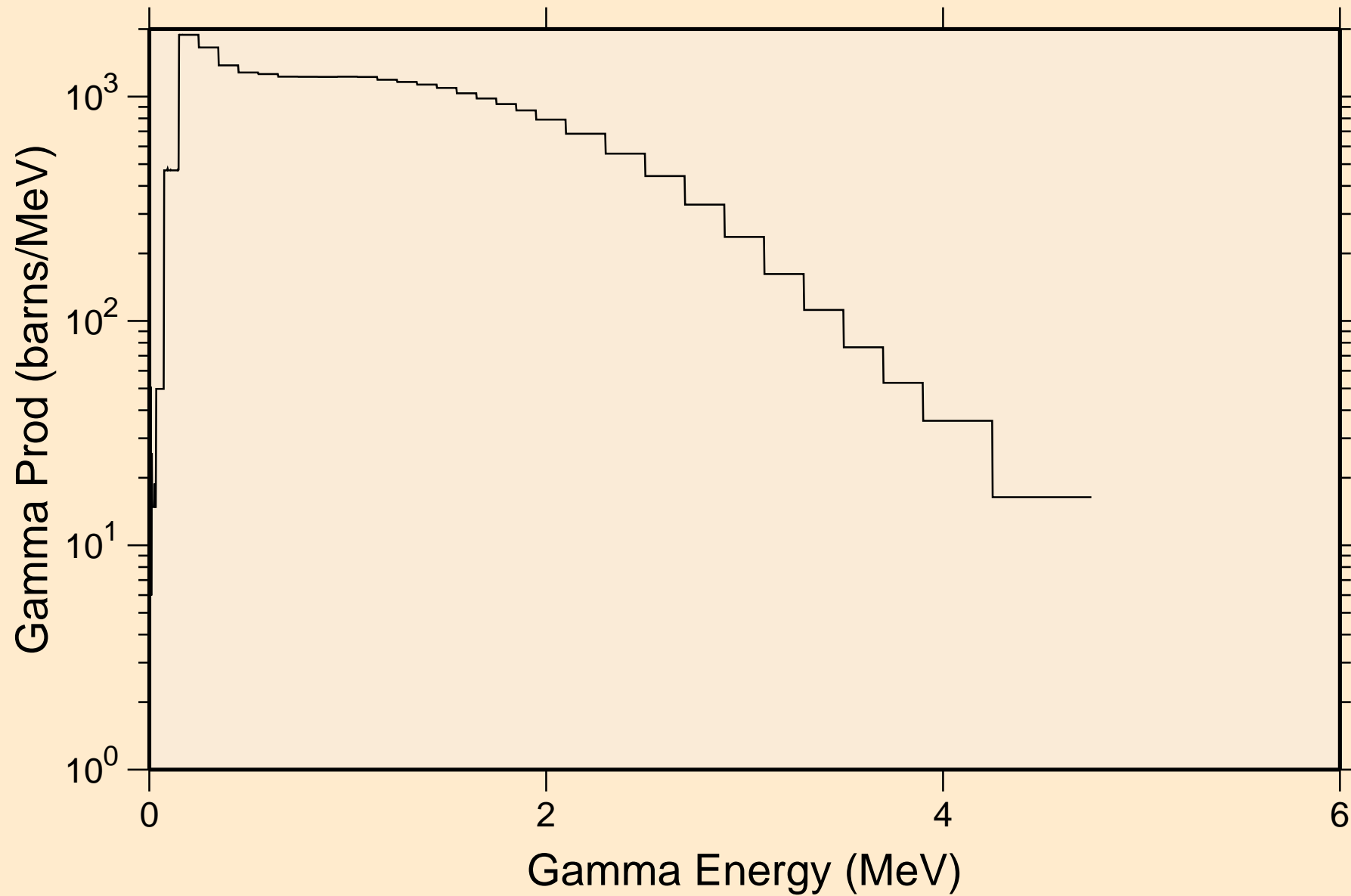
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



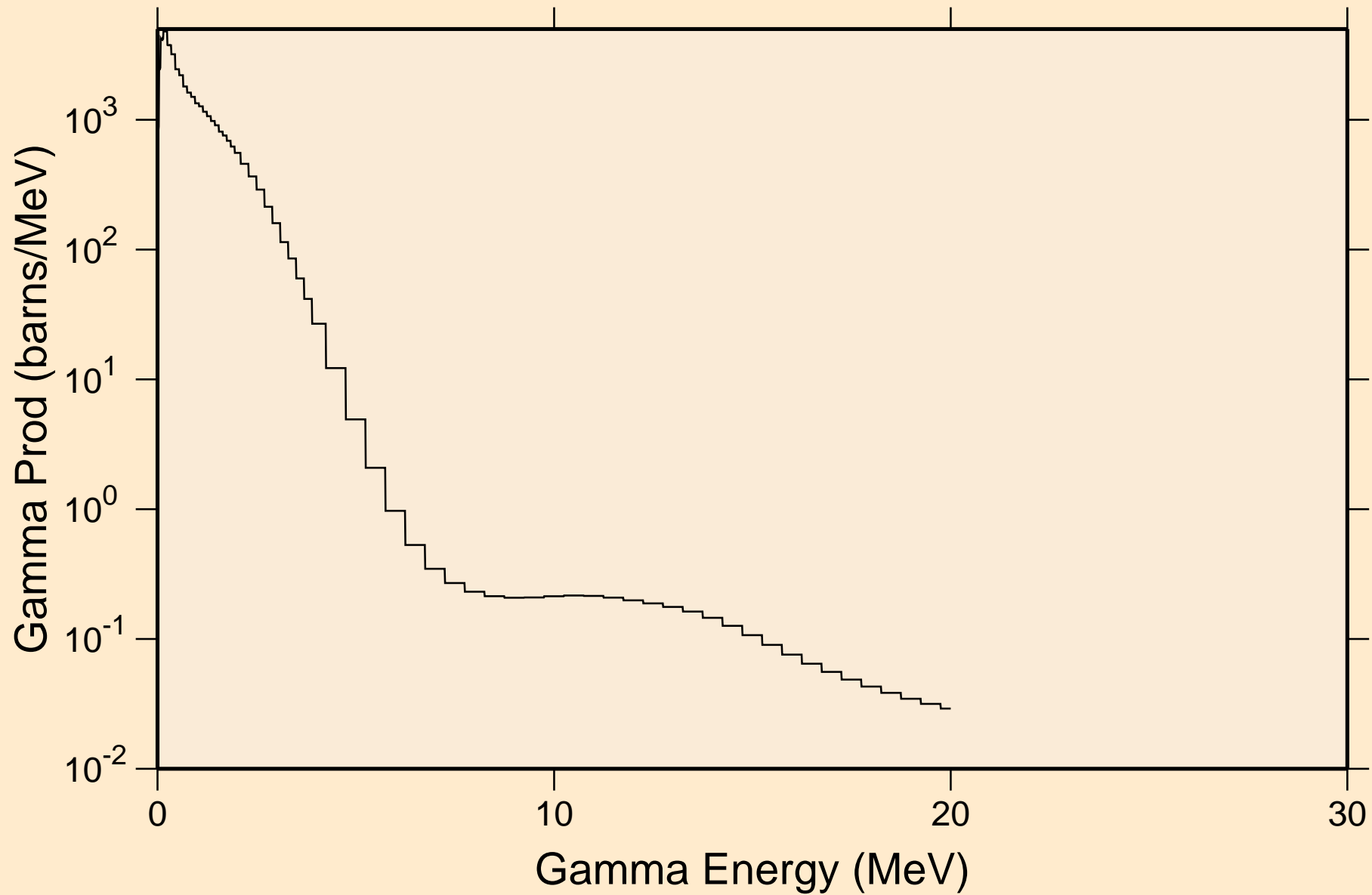
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



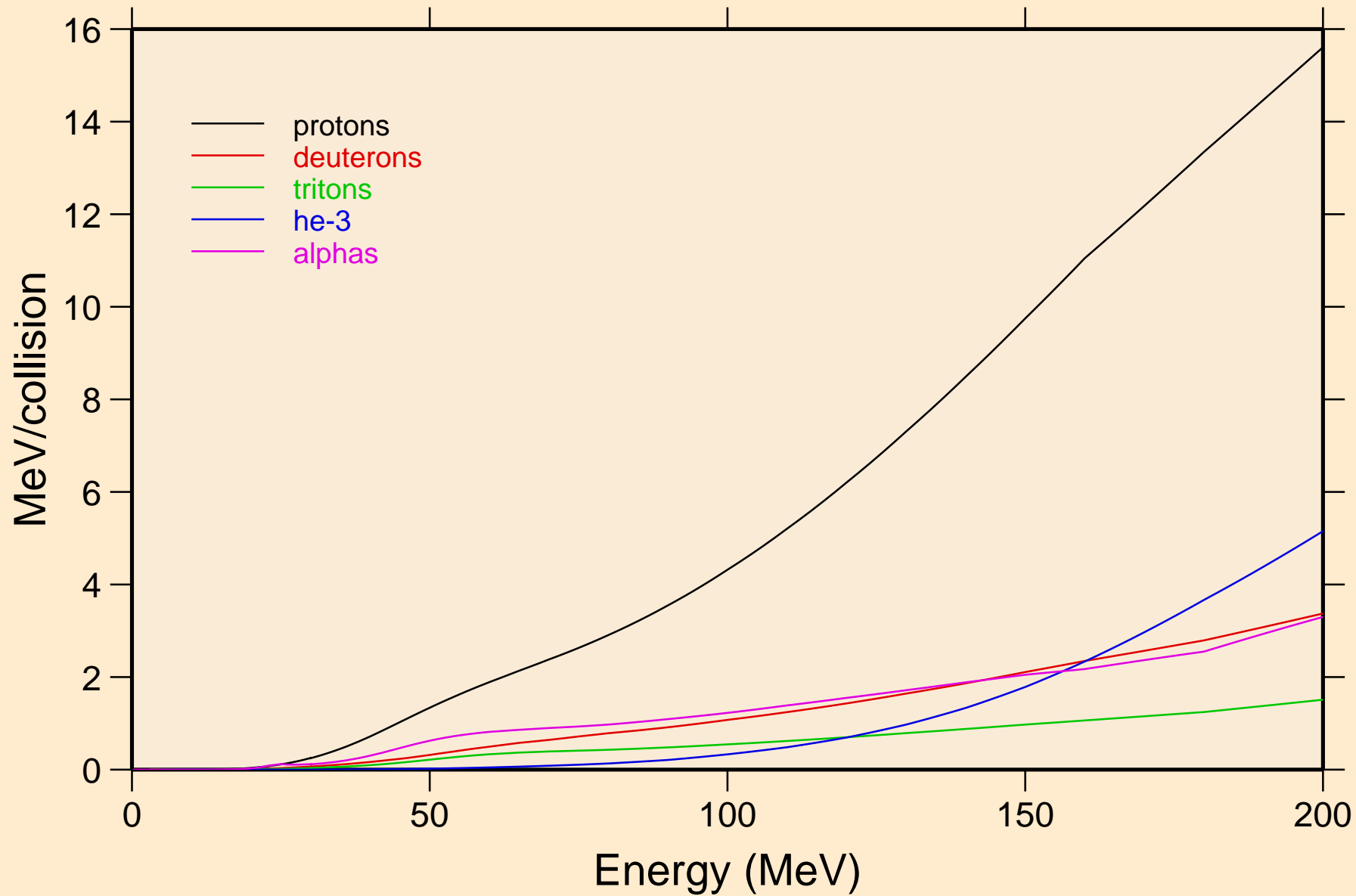
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



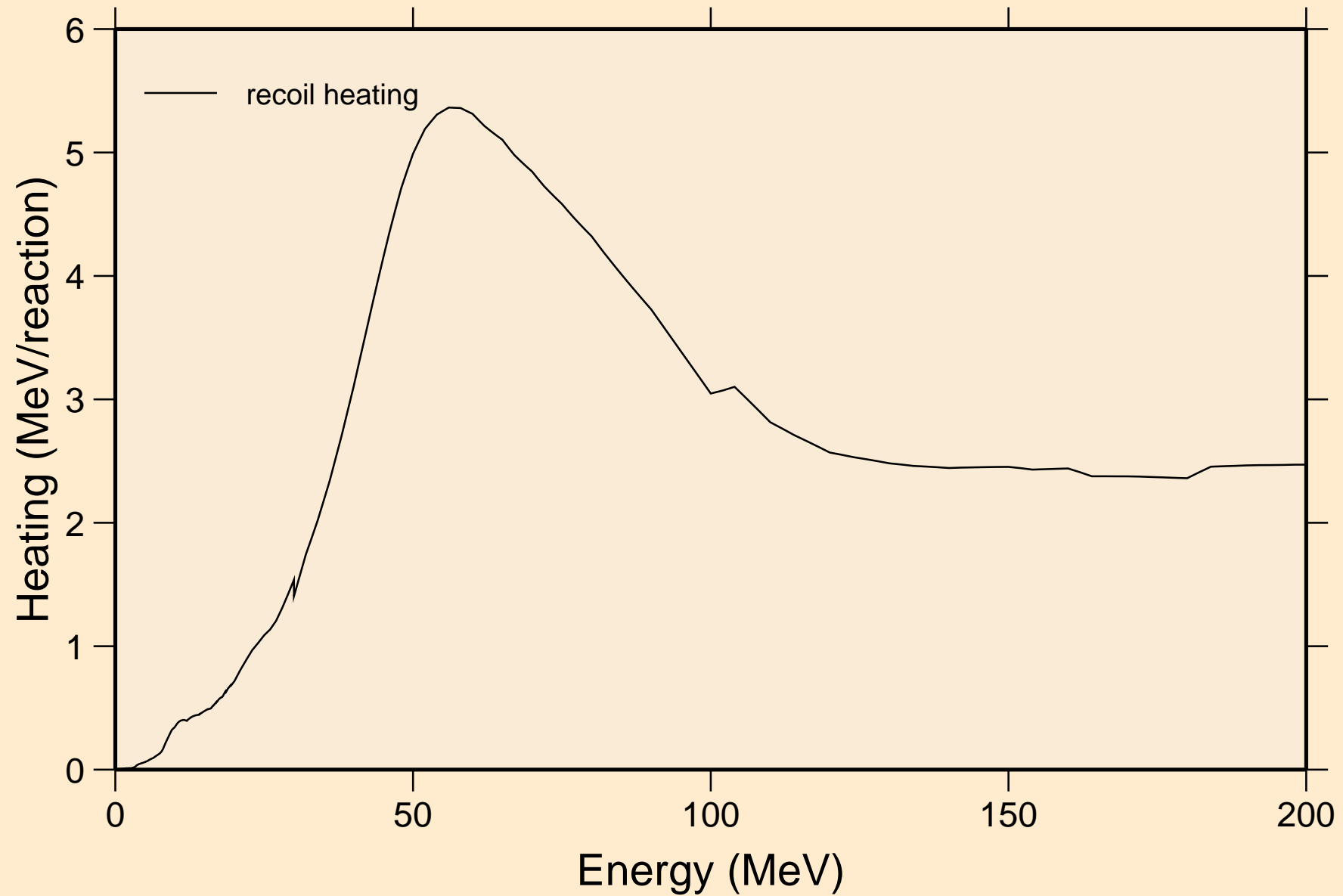
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



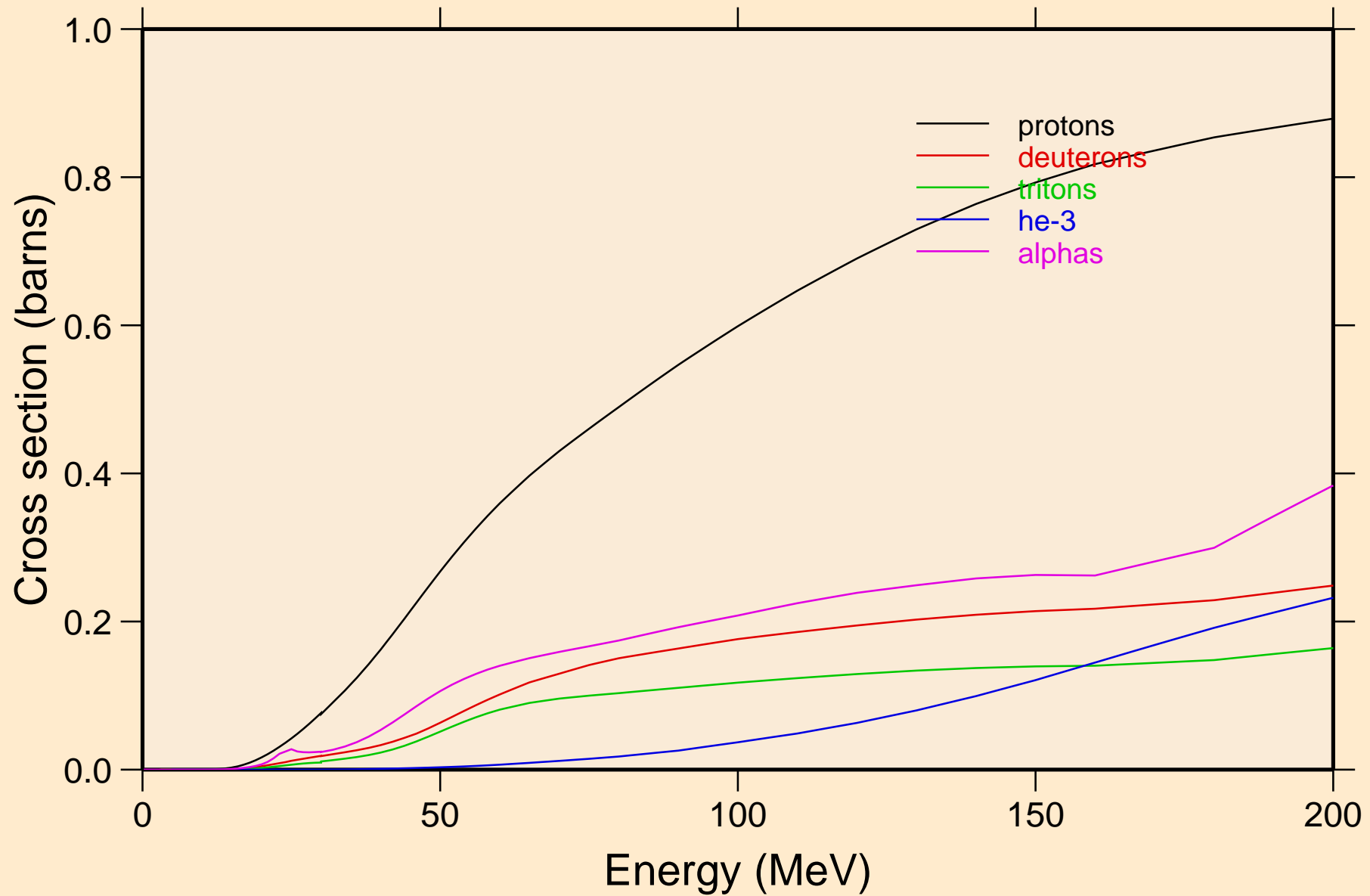
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

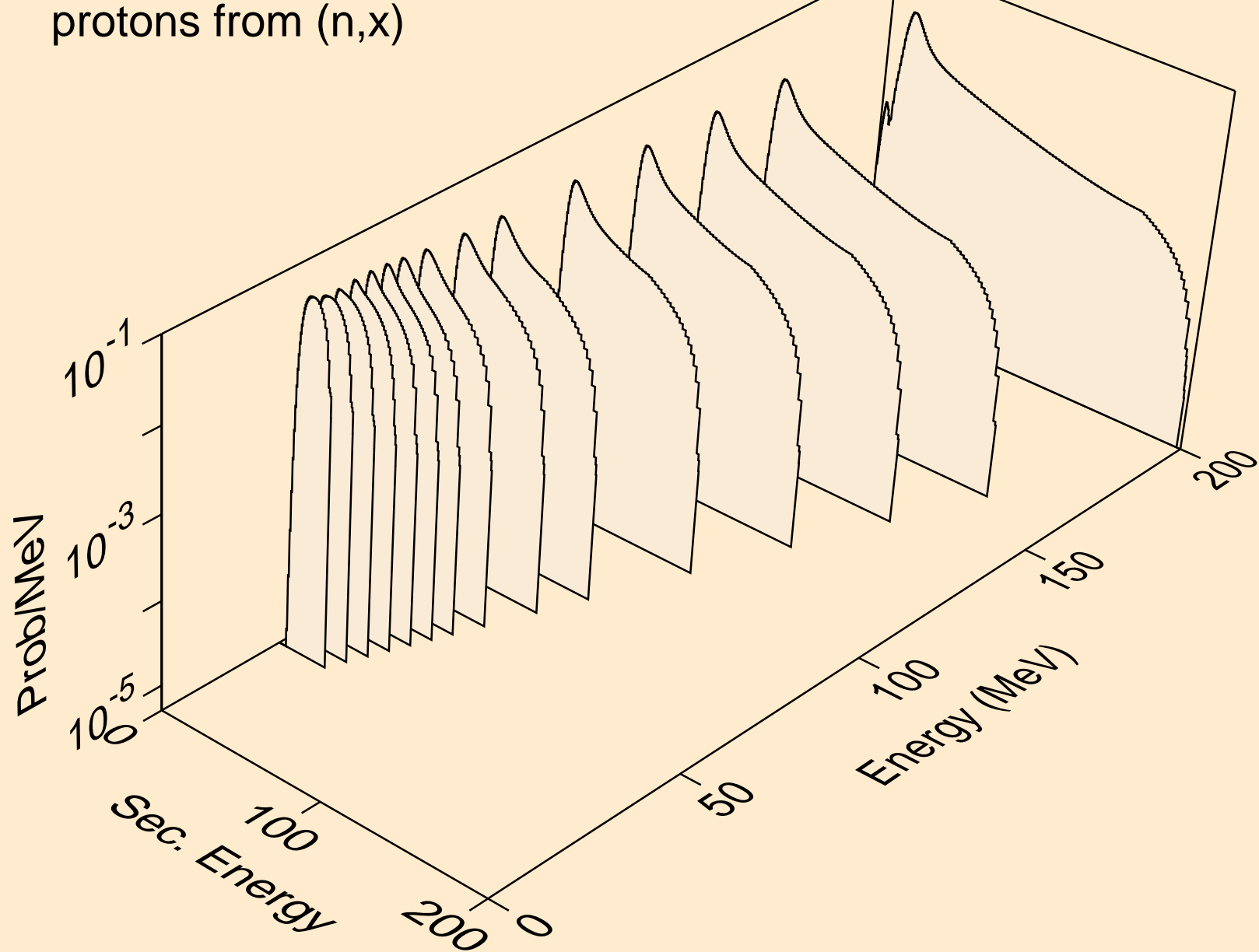


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

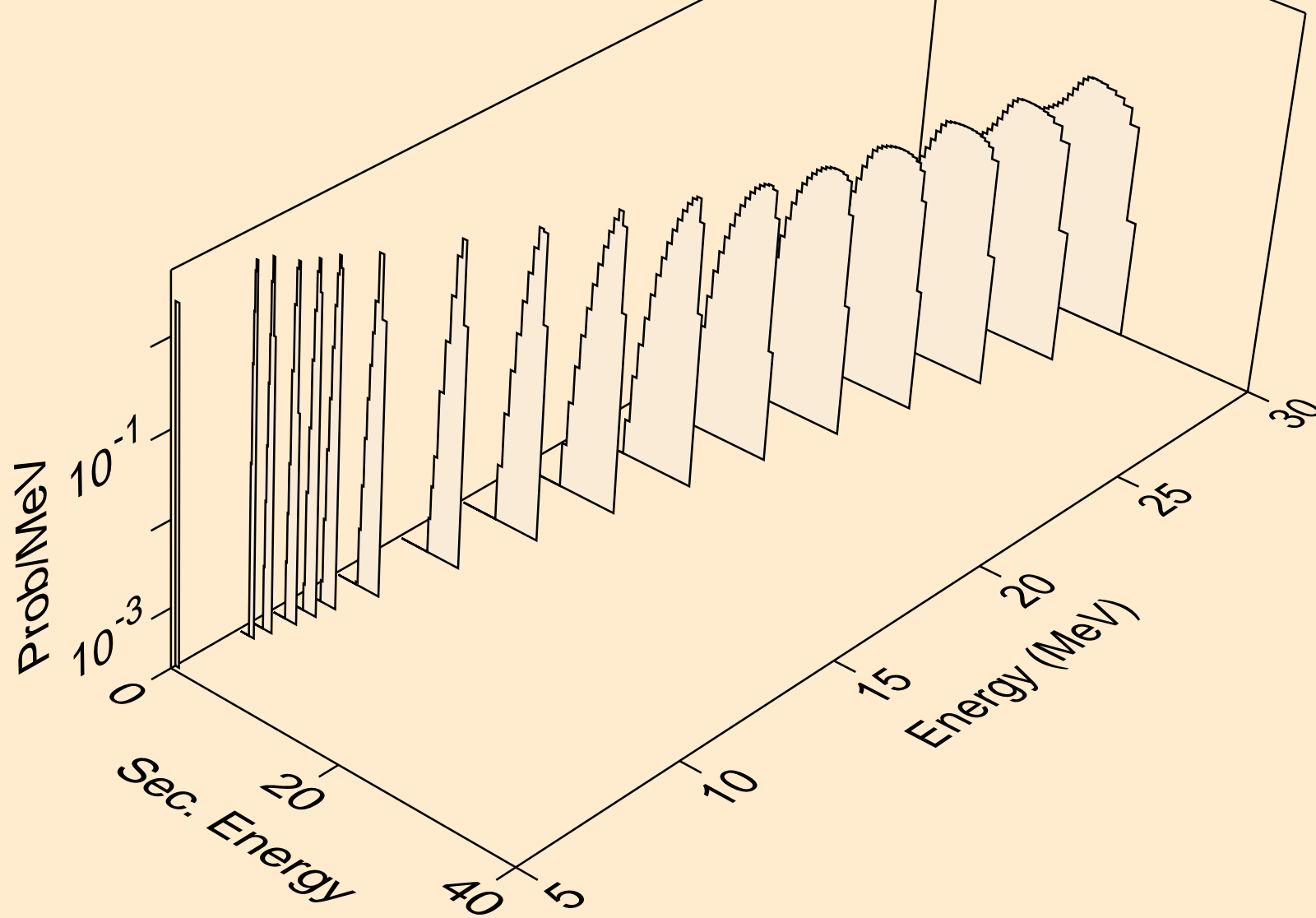




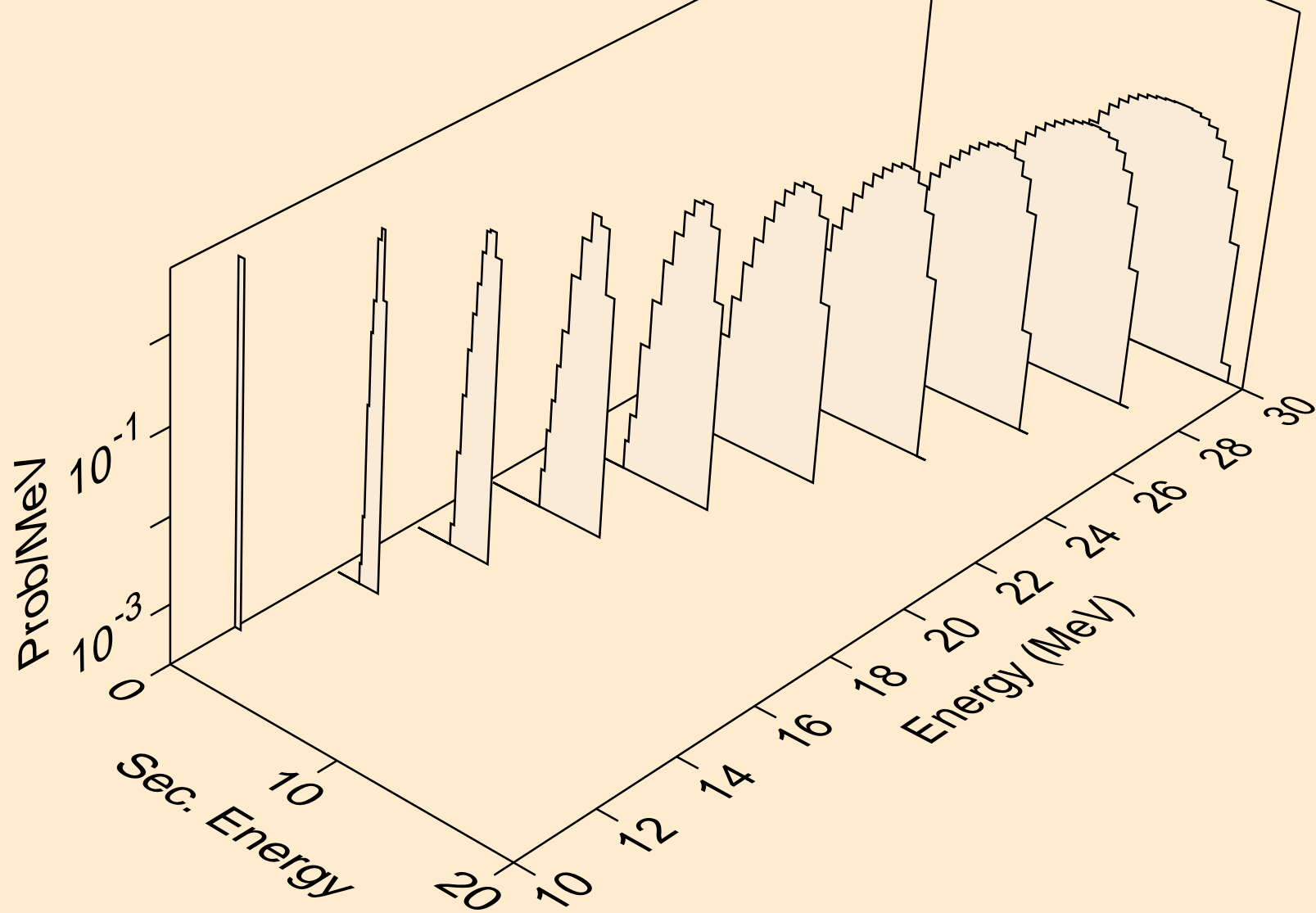
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



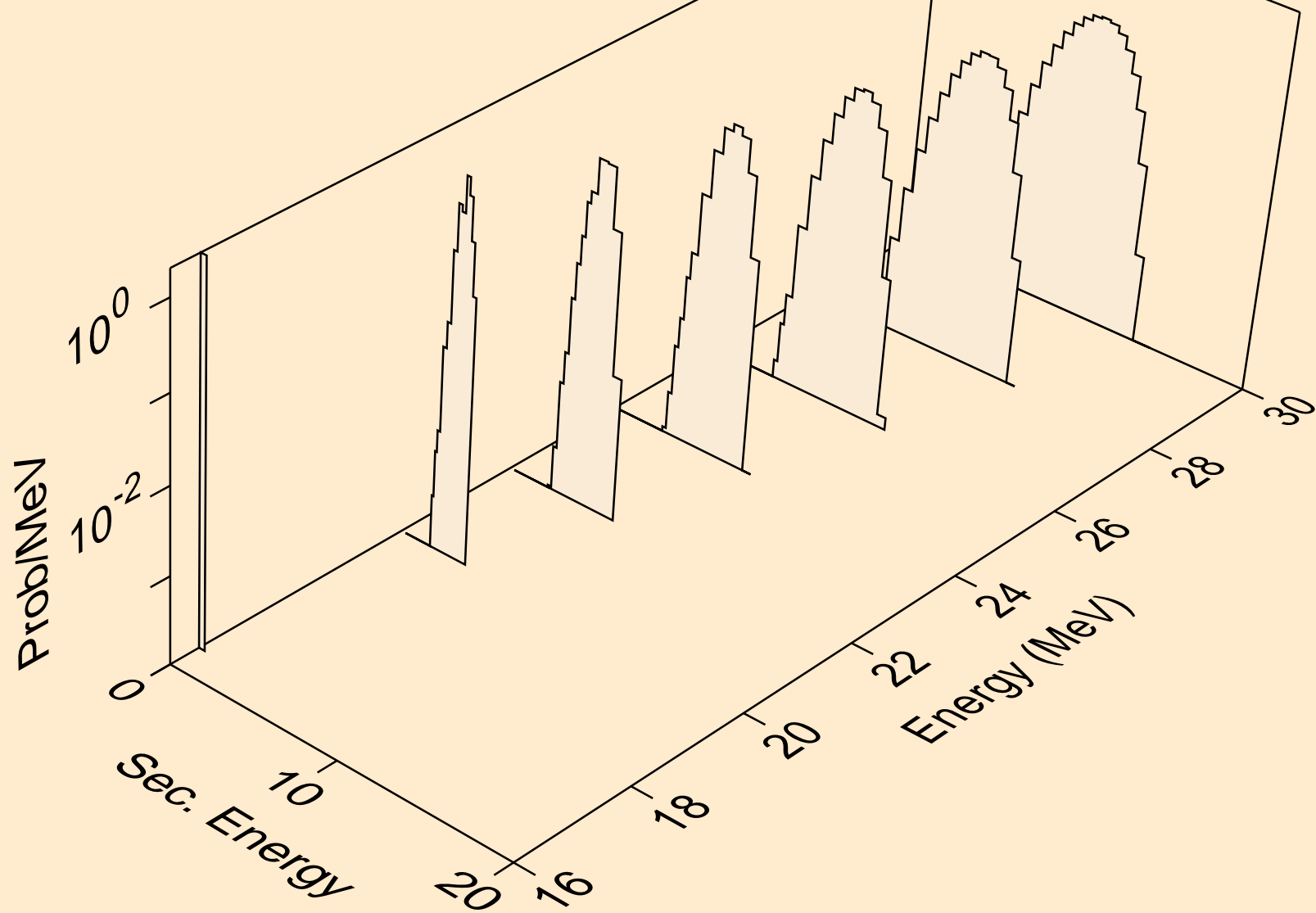
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



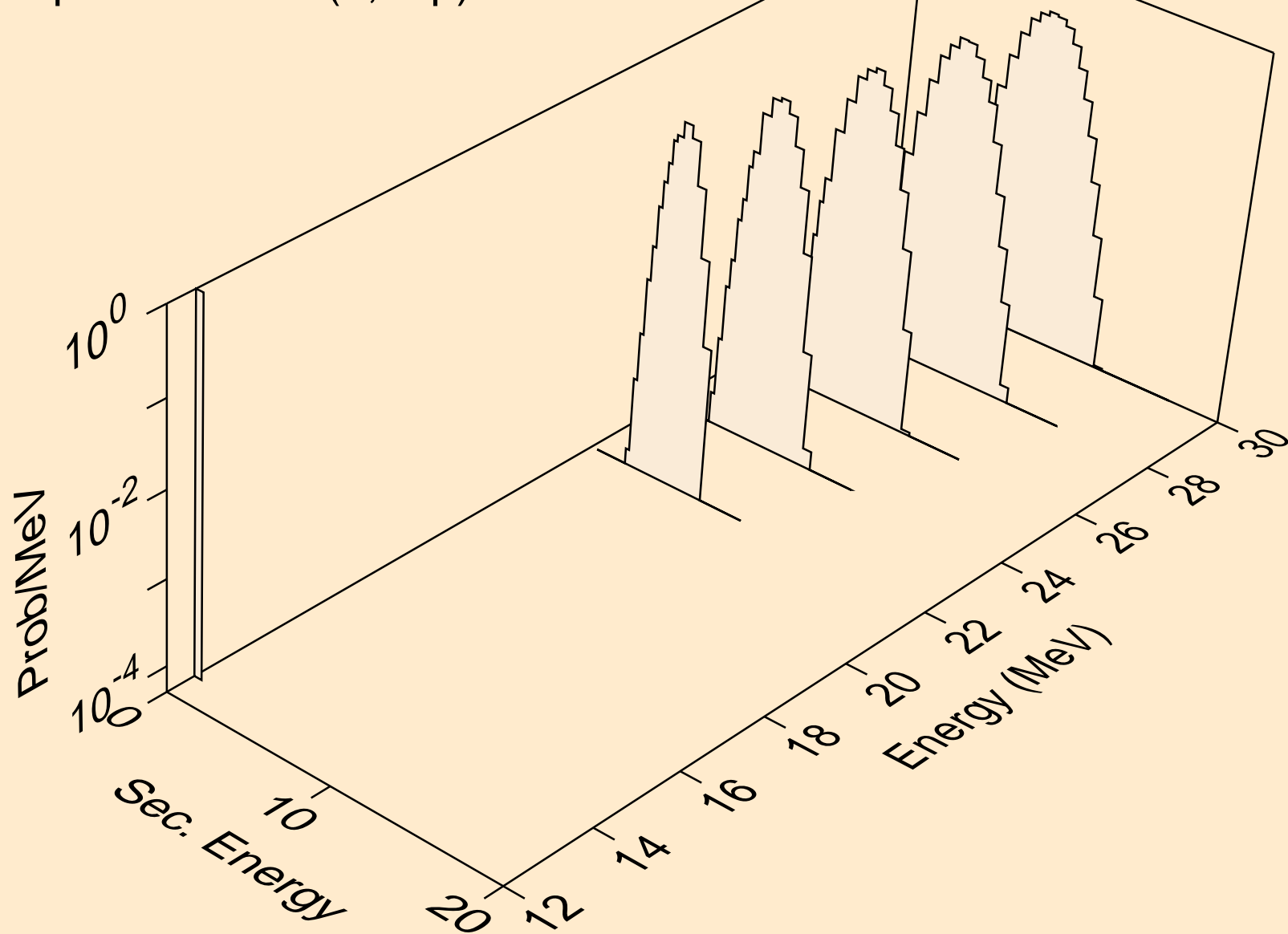
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protons from (n,2np)



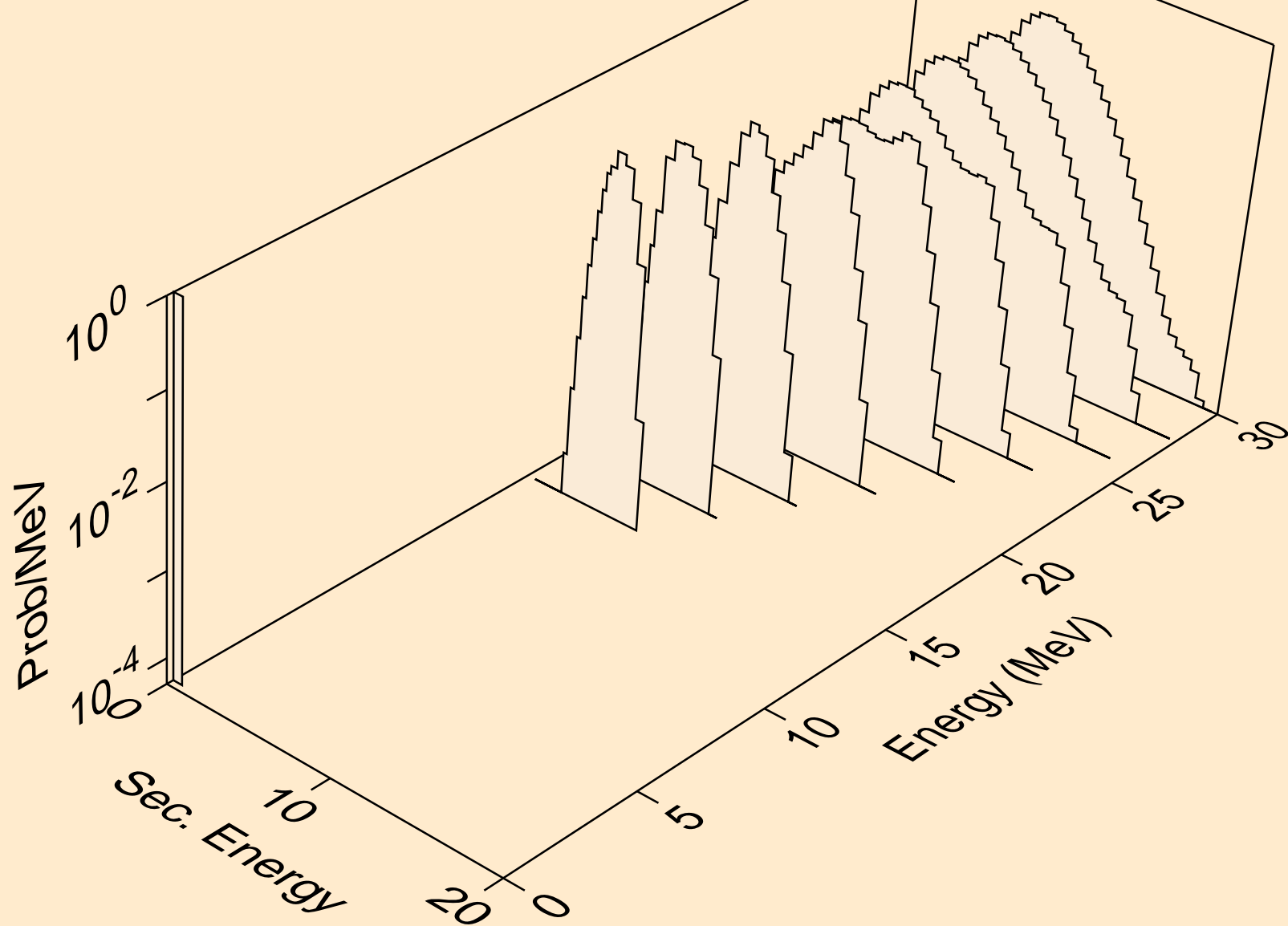
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protons from (n,3np)



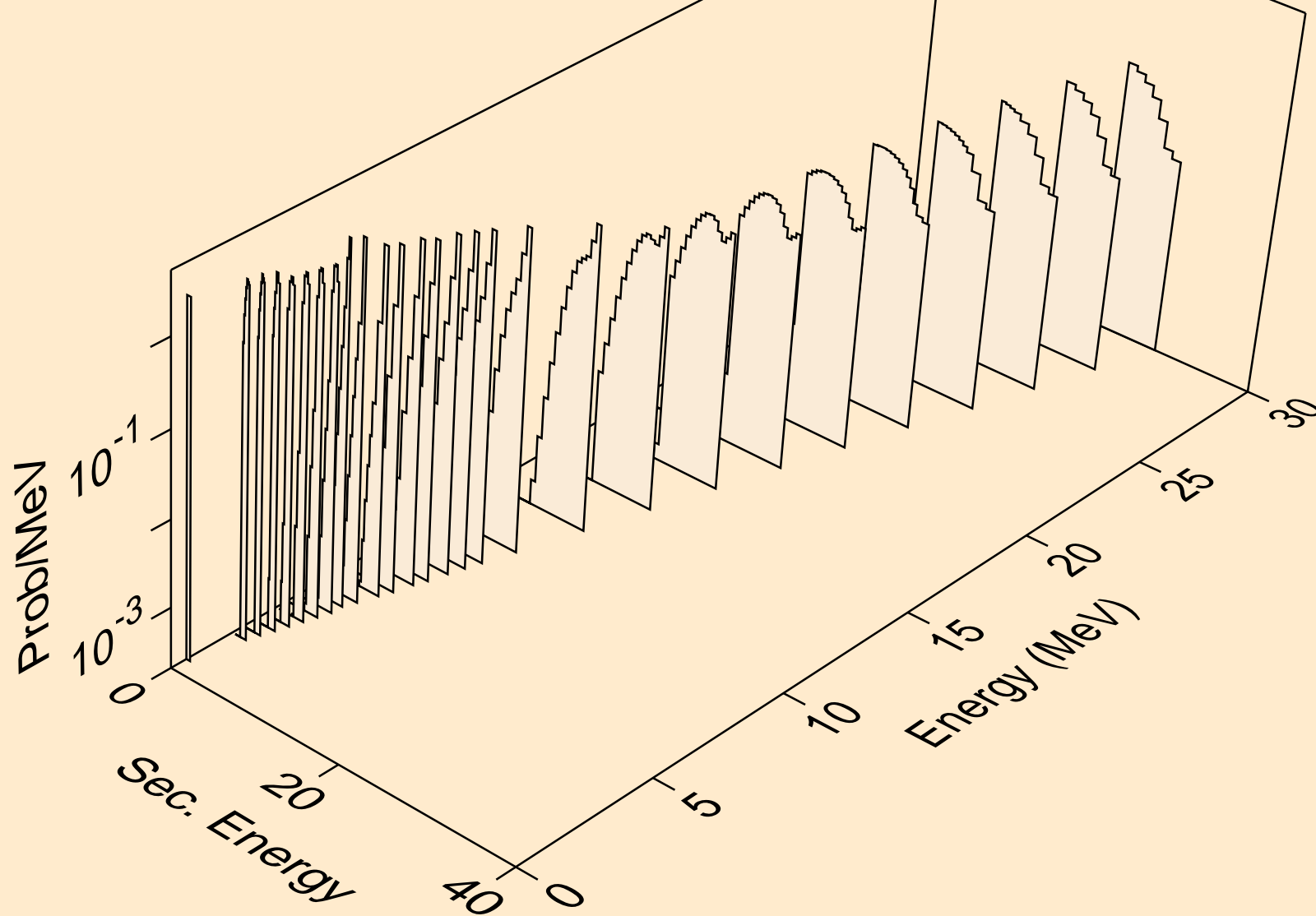
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protons from (n,2np)



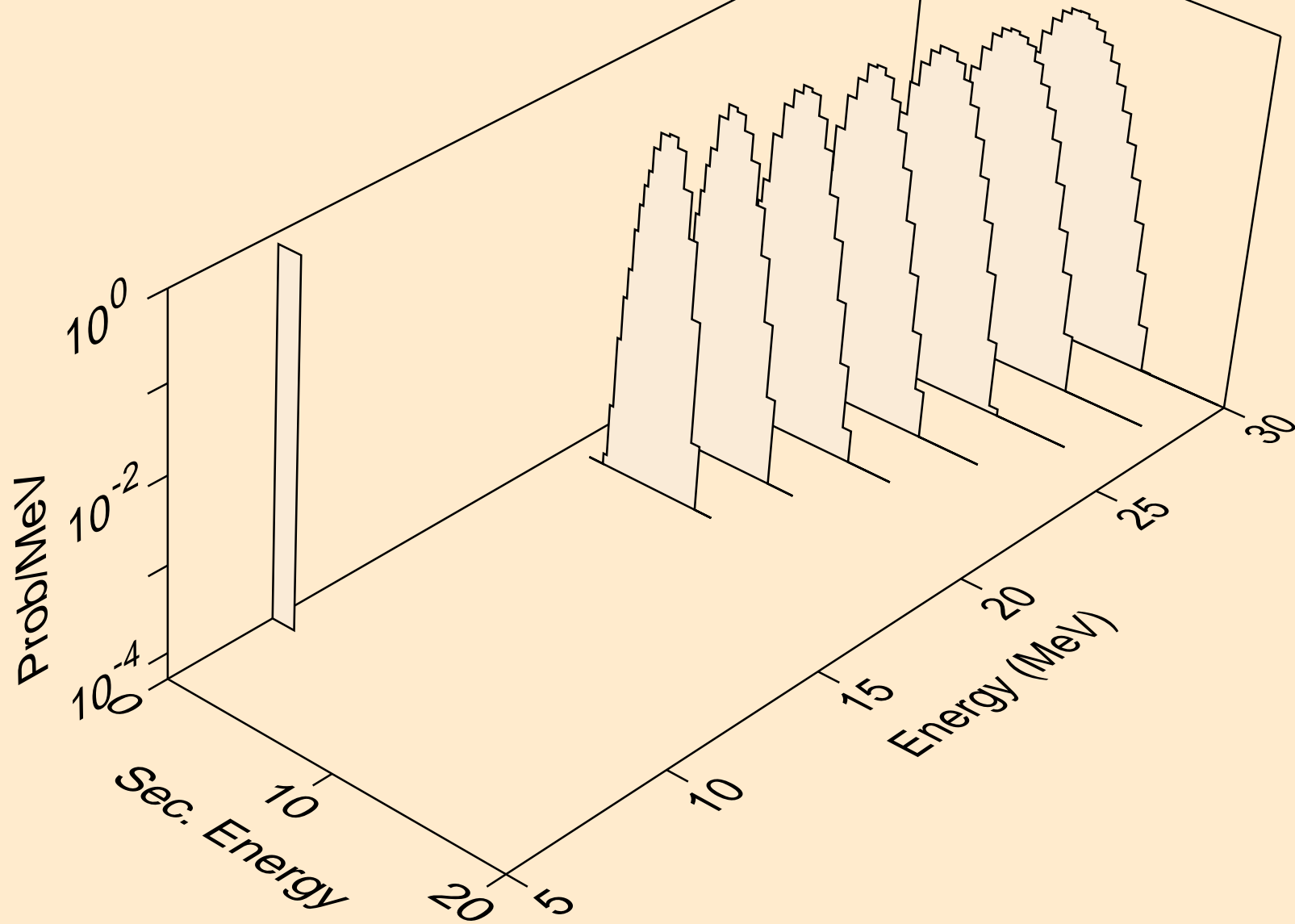
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

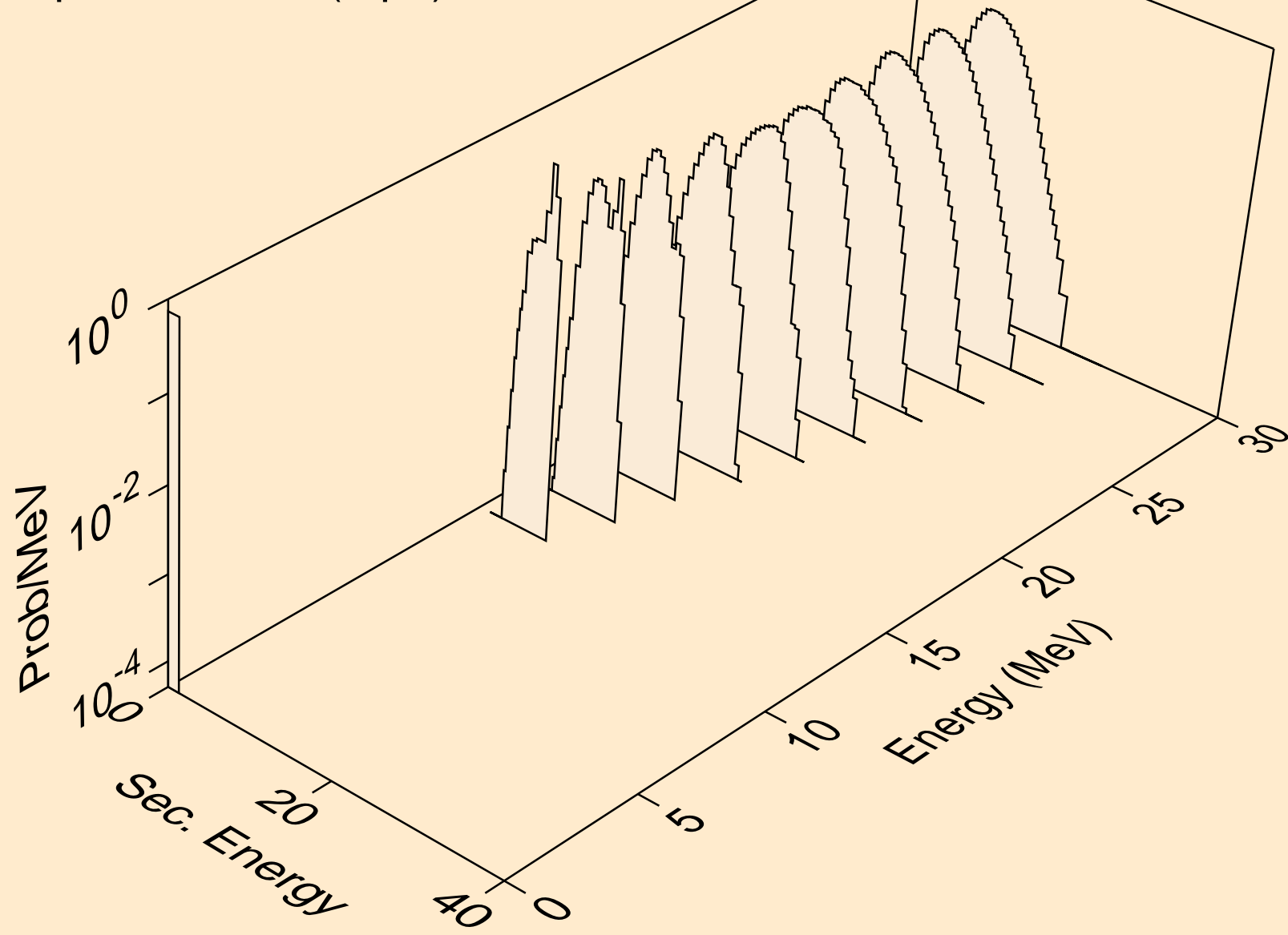


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

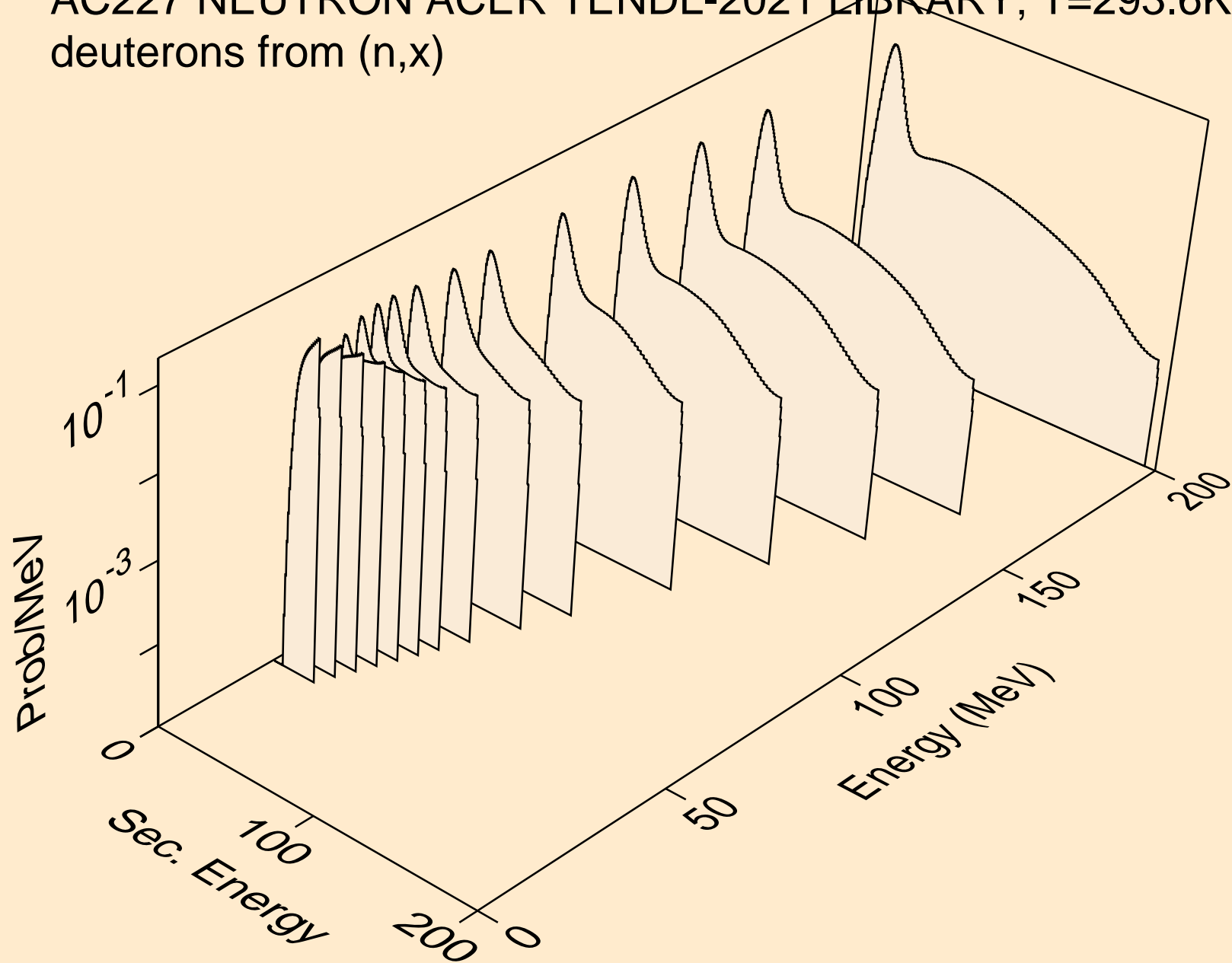




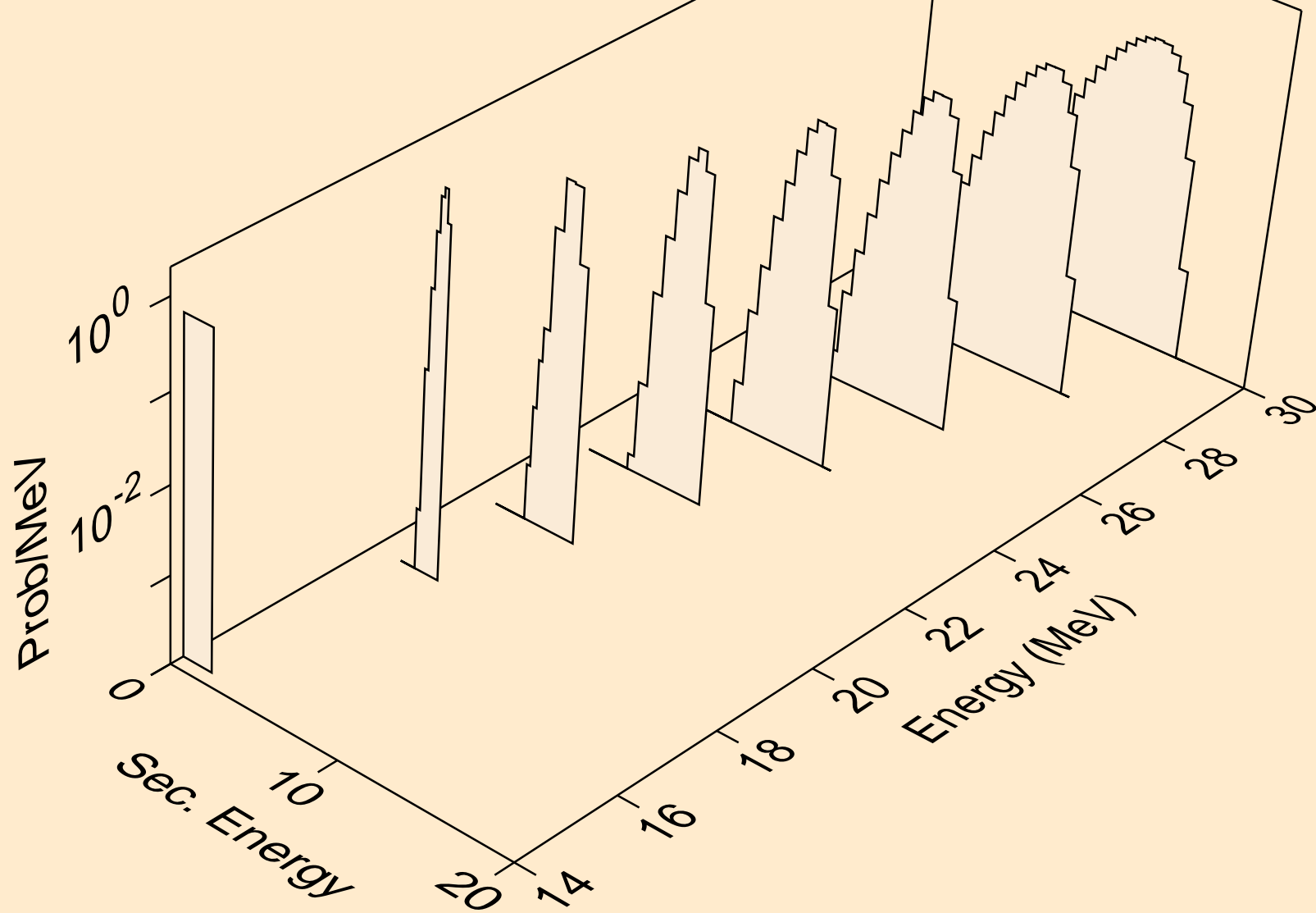
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



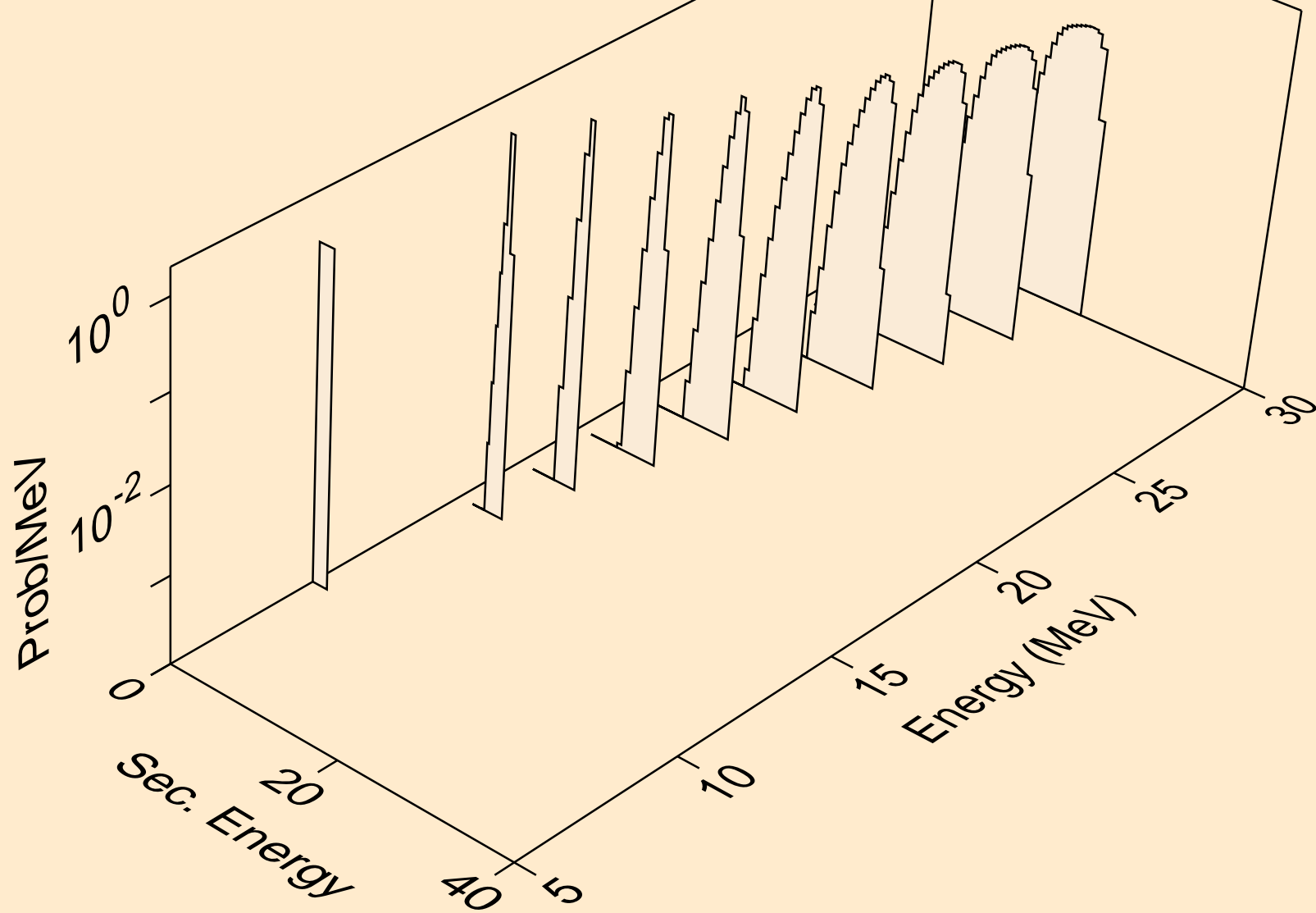
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



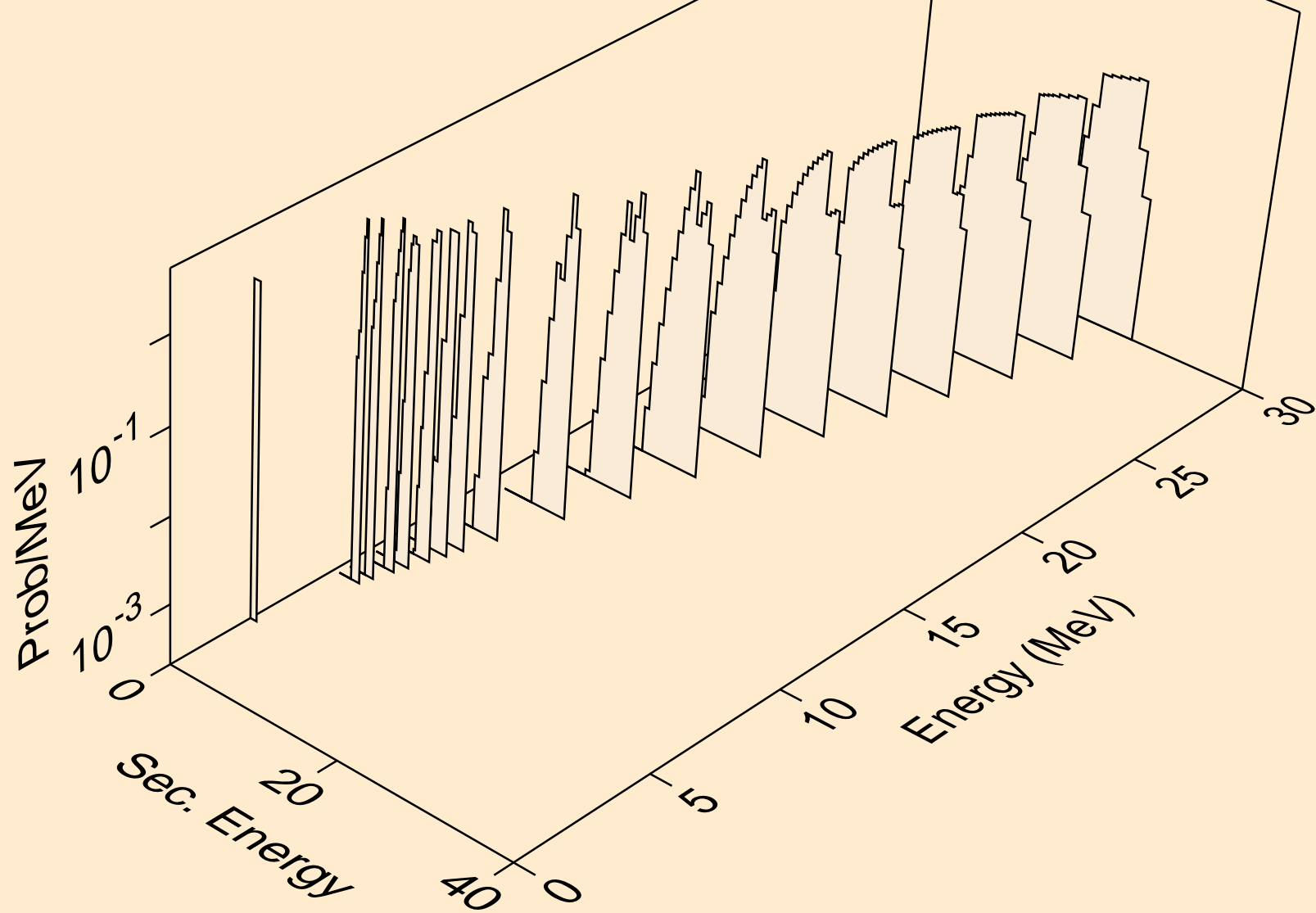
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



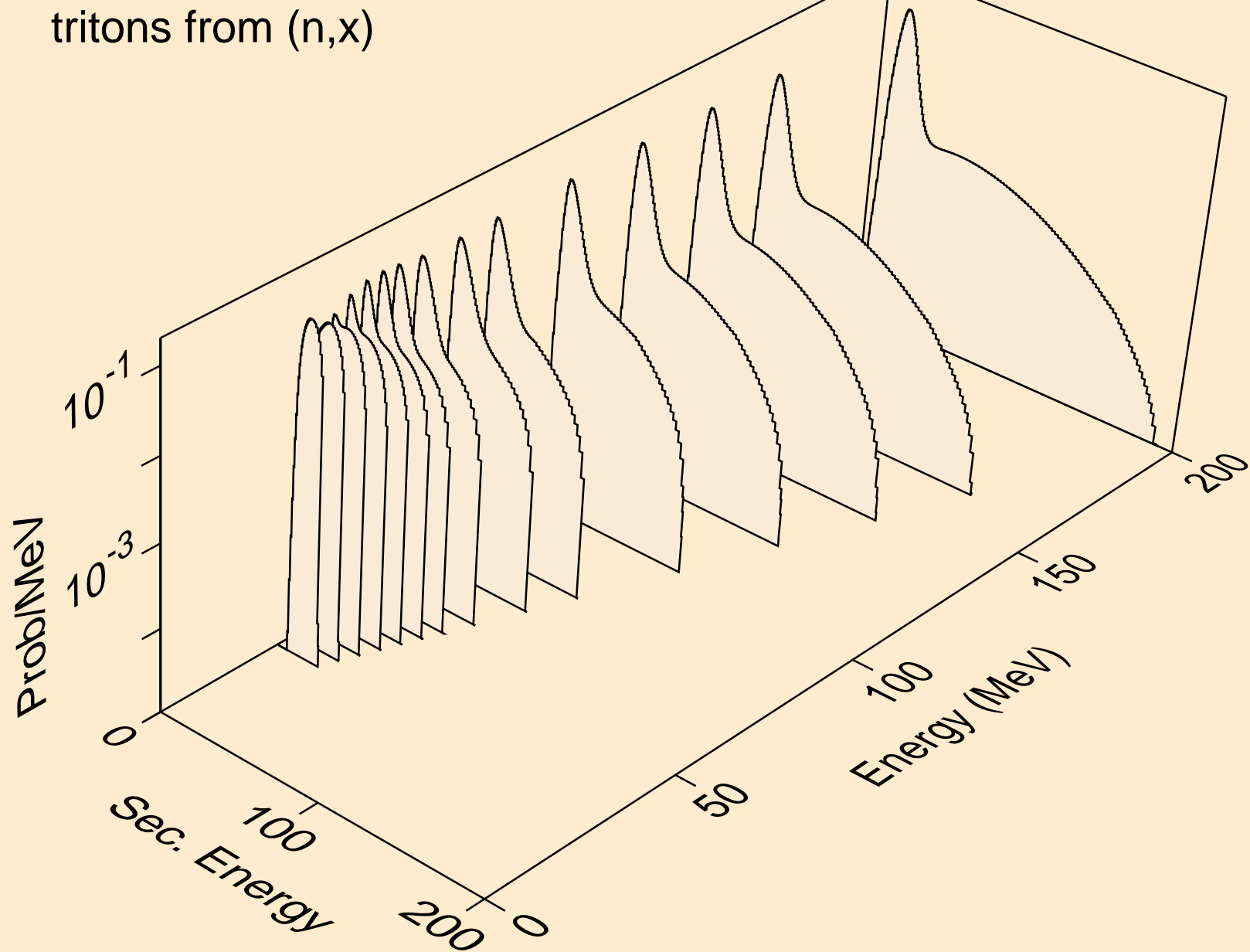
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



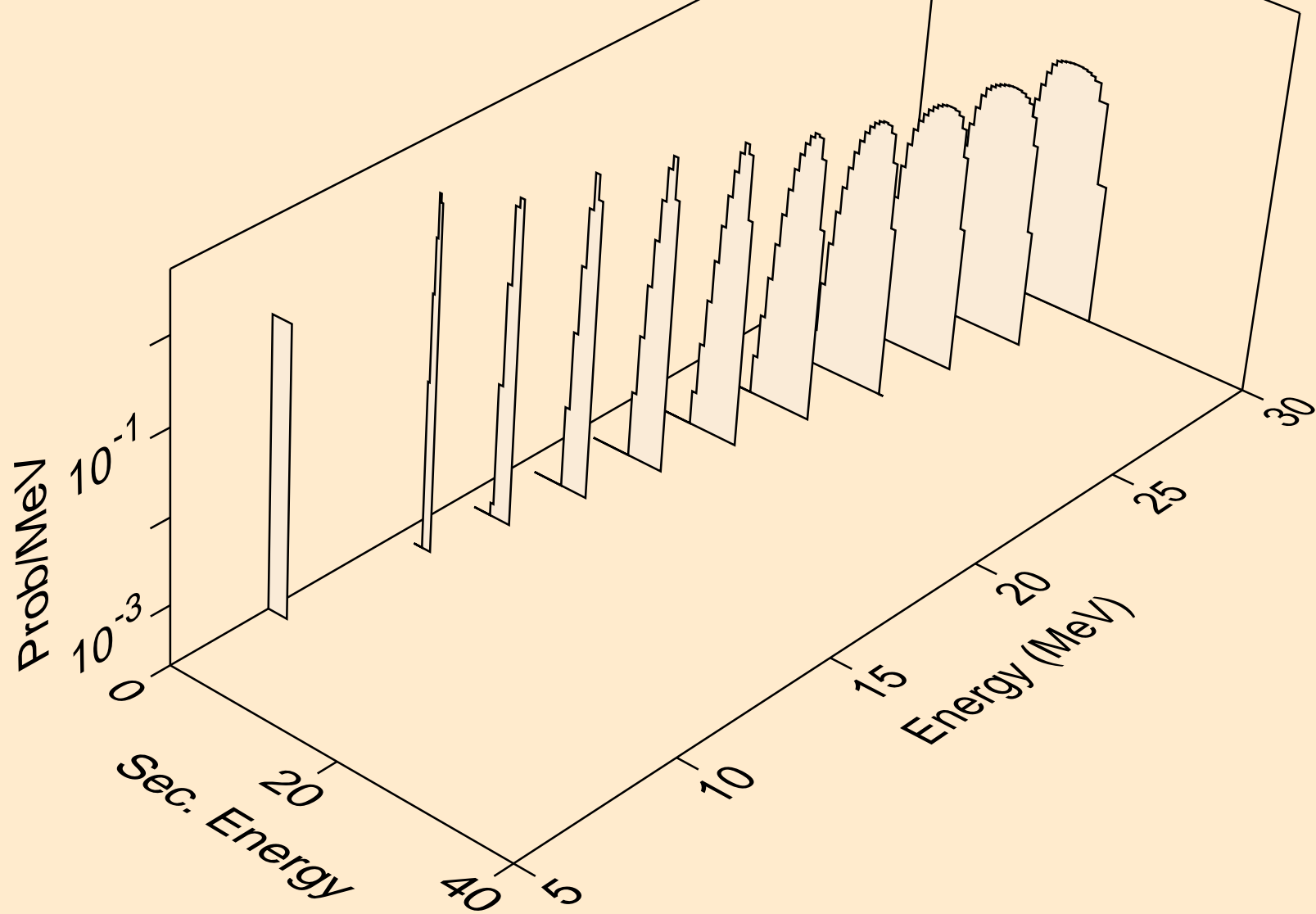
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



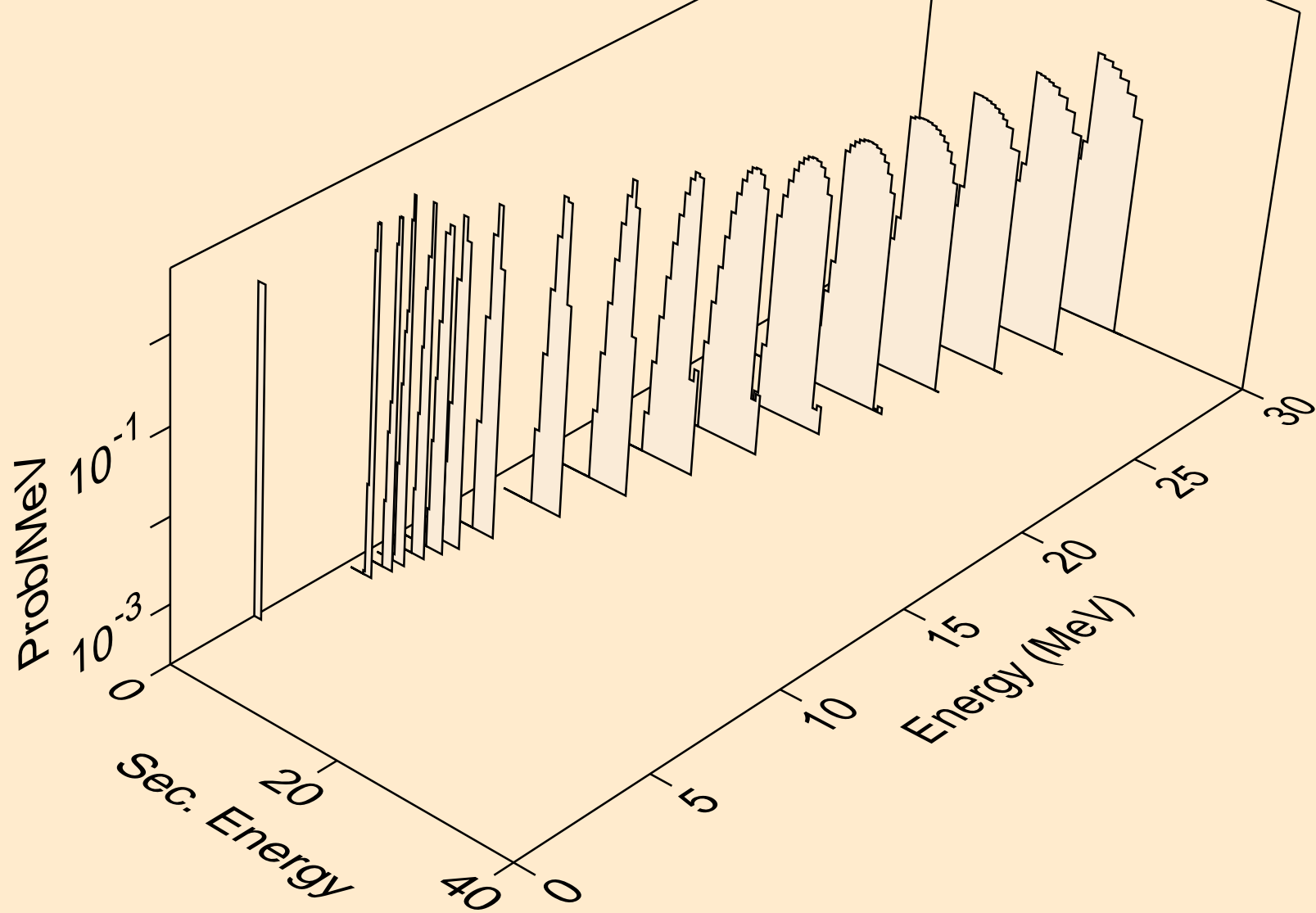
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

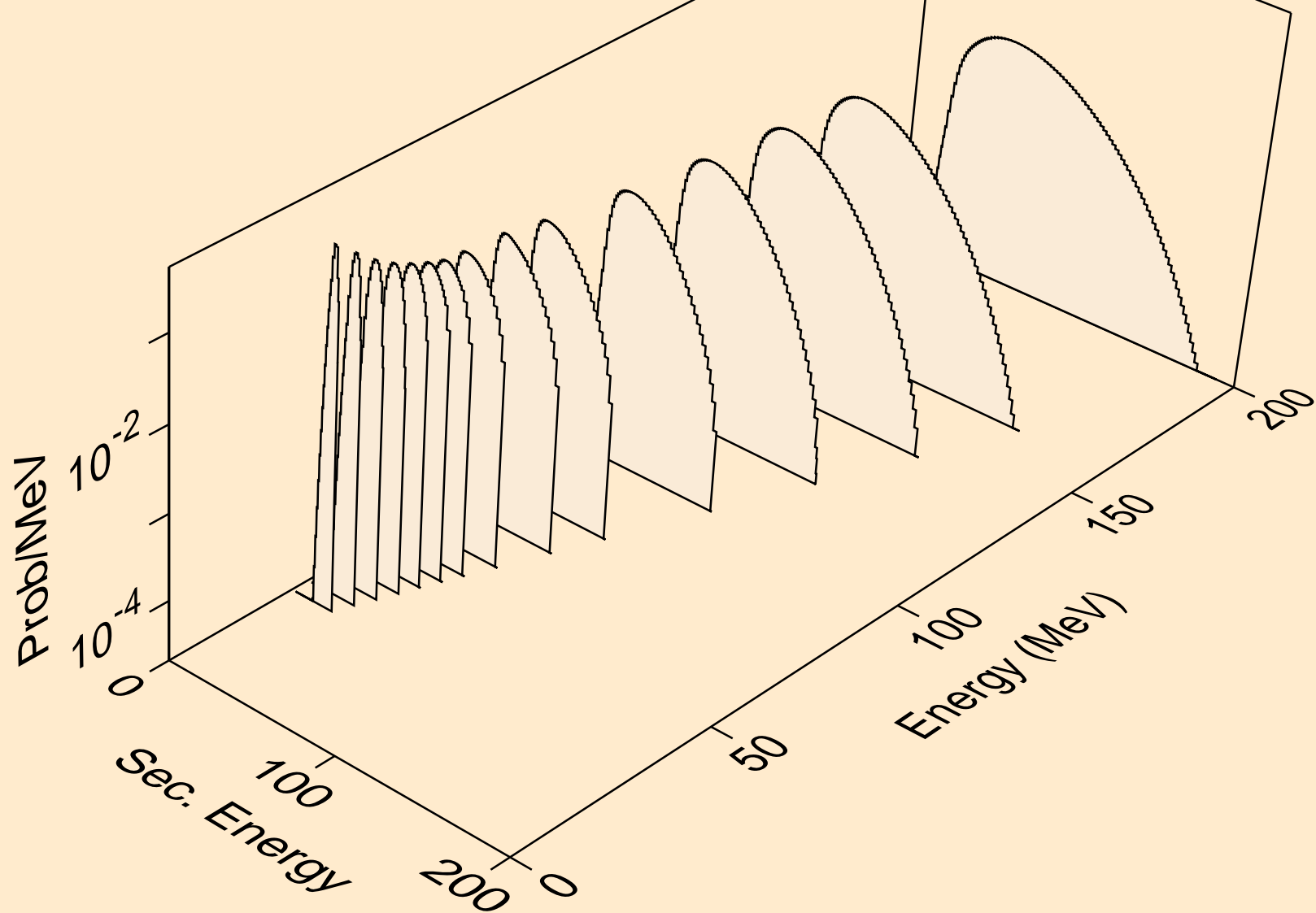


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

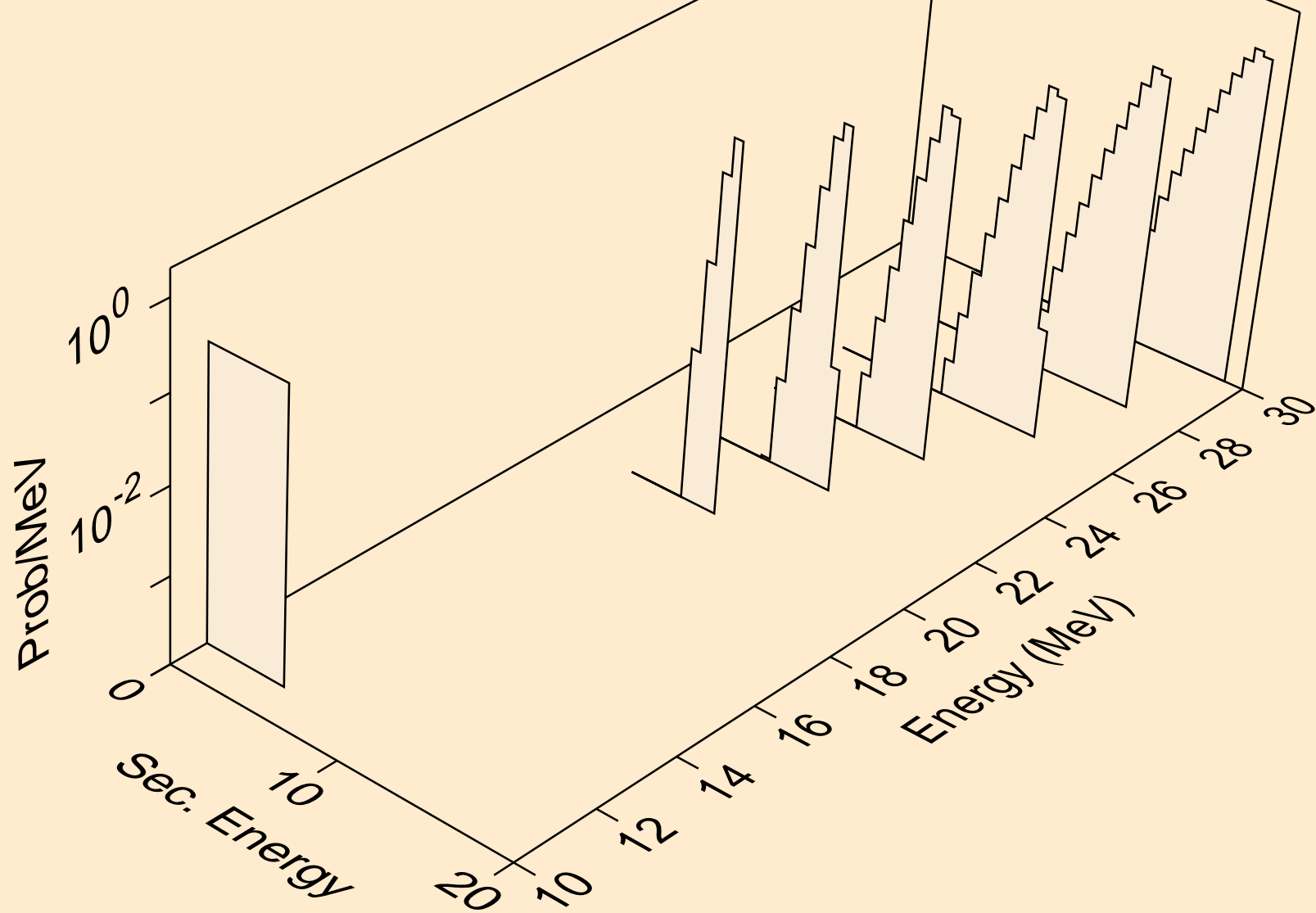




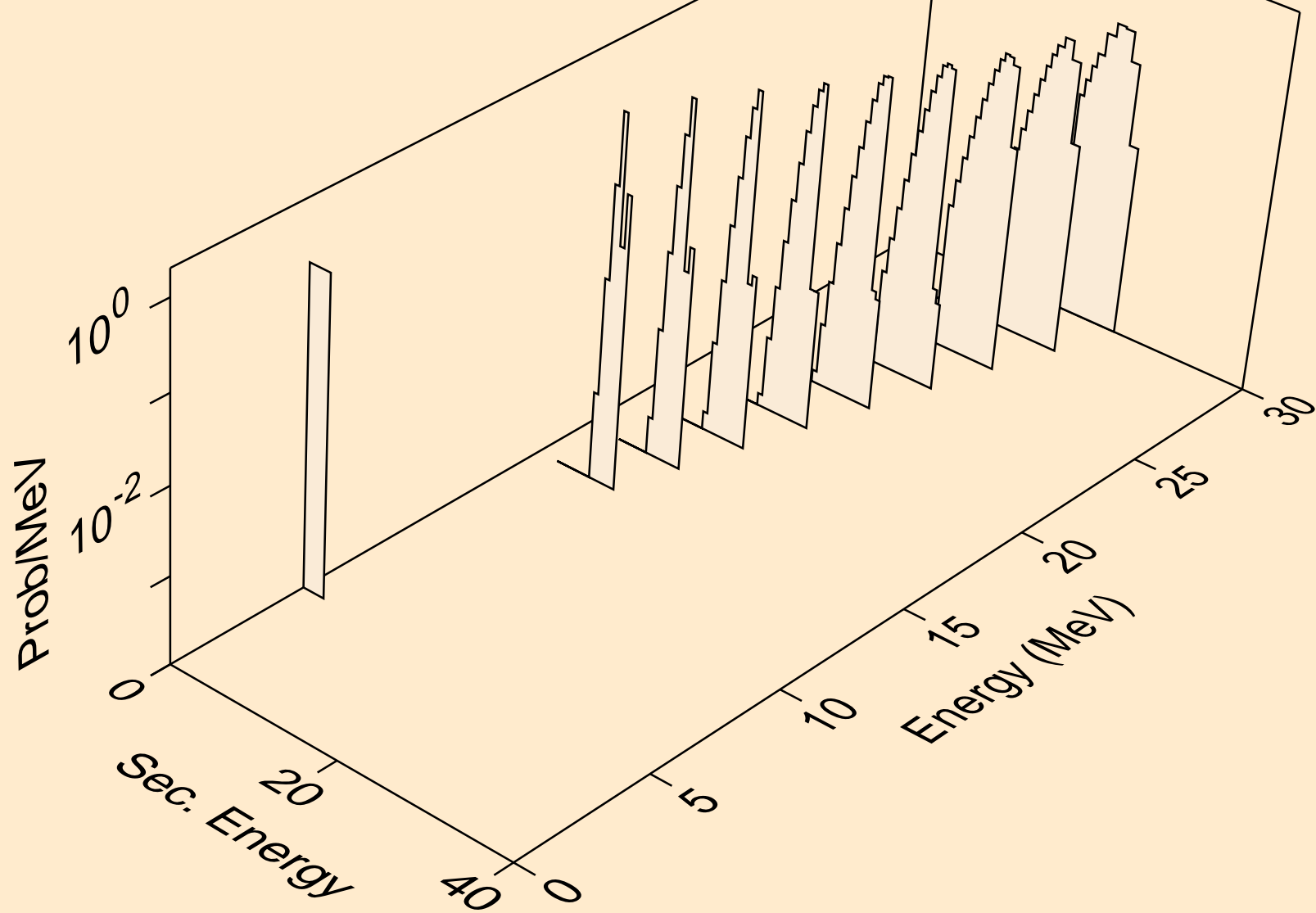
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



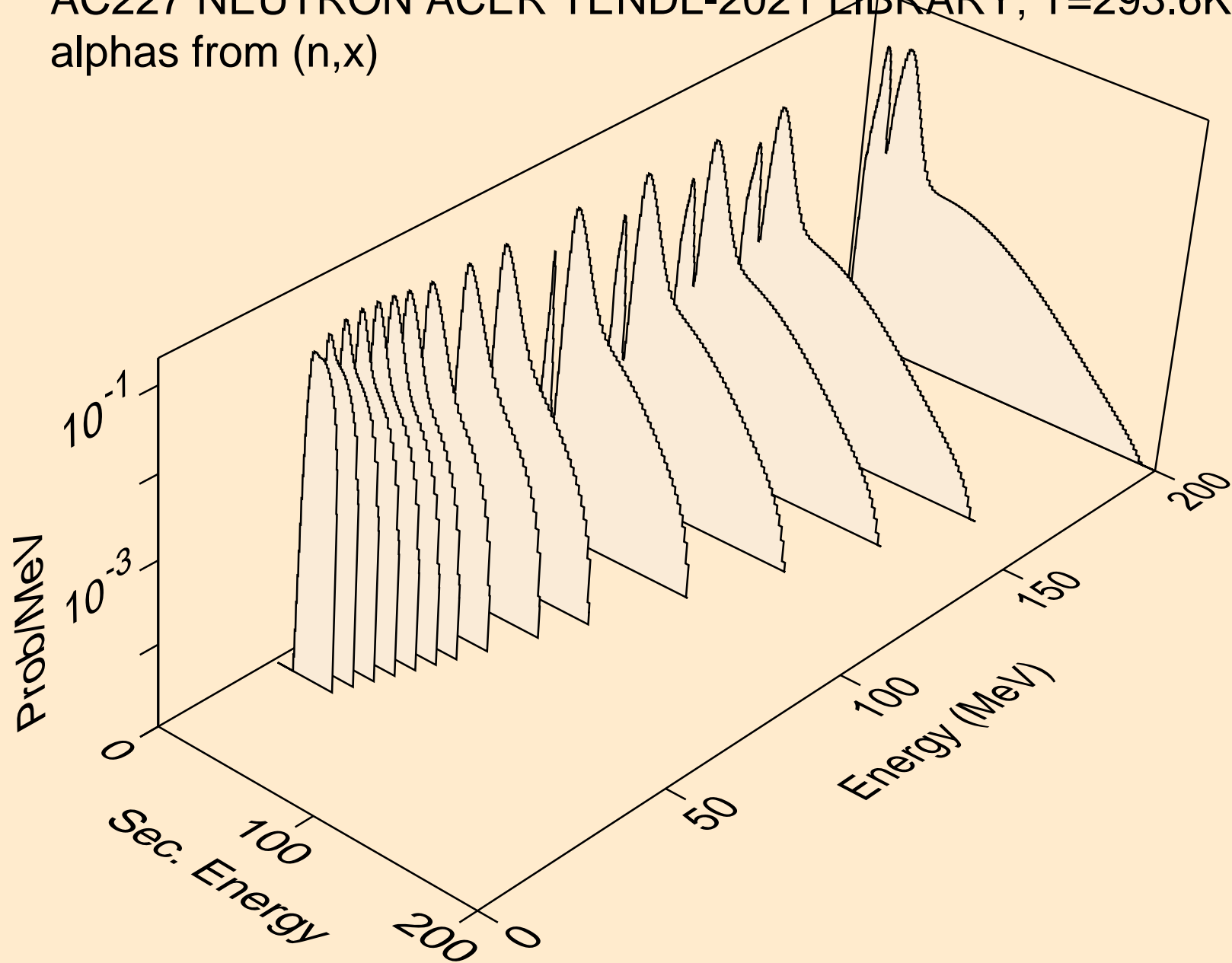
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



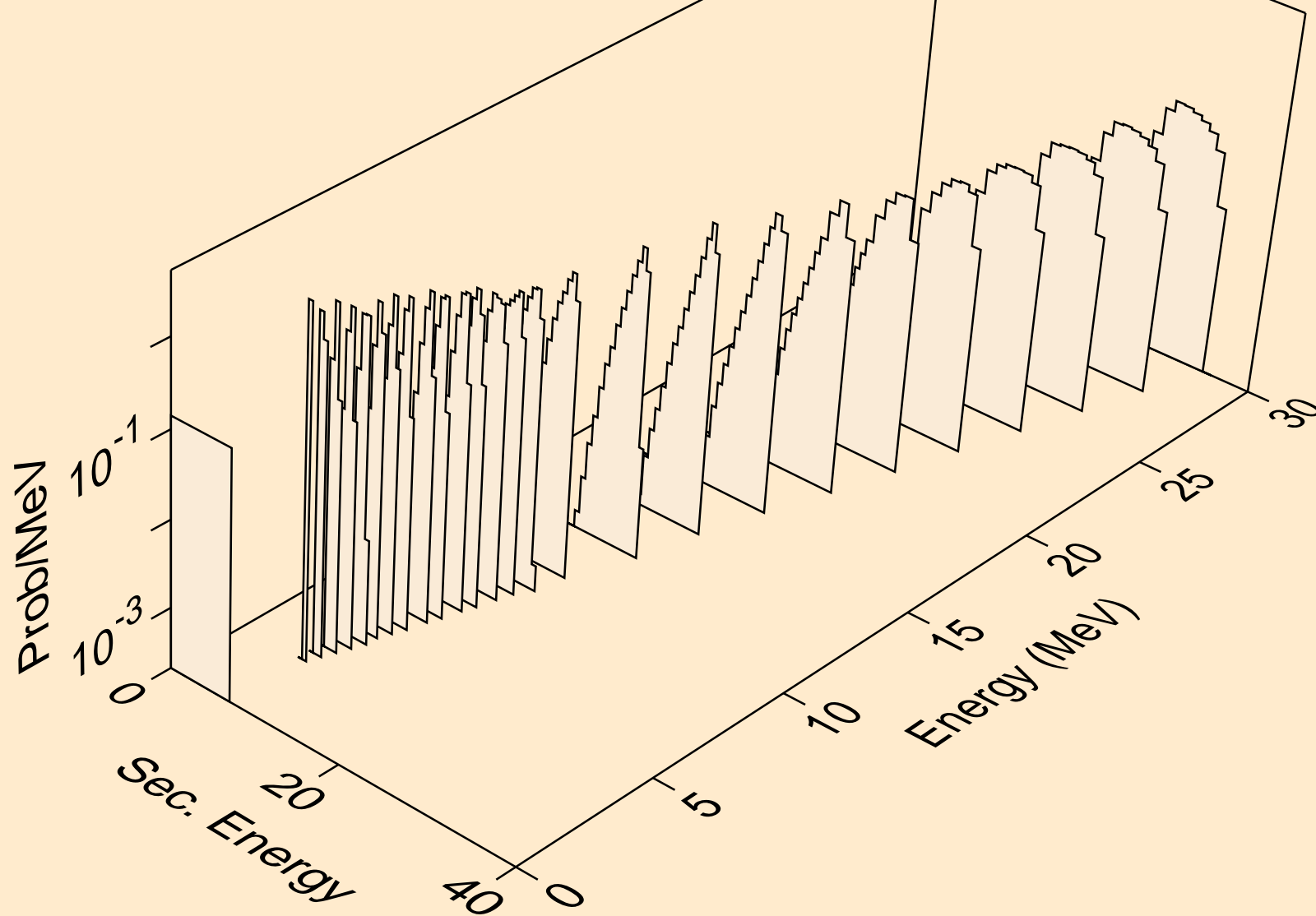
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he3s from (n,he3)



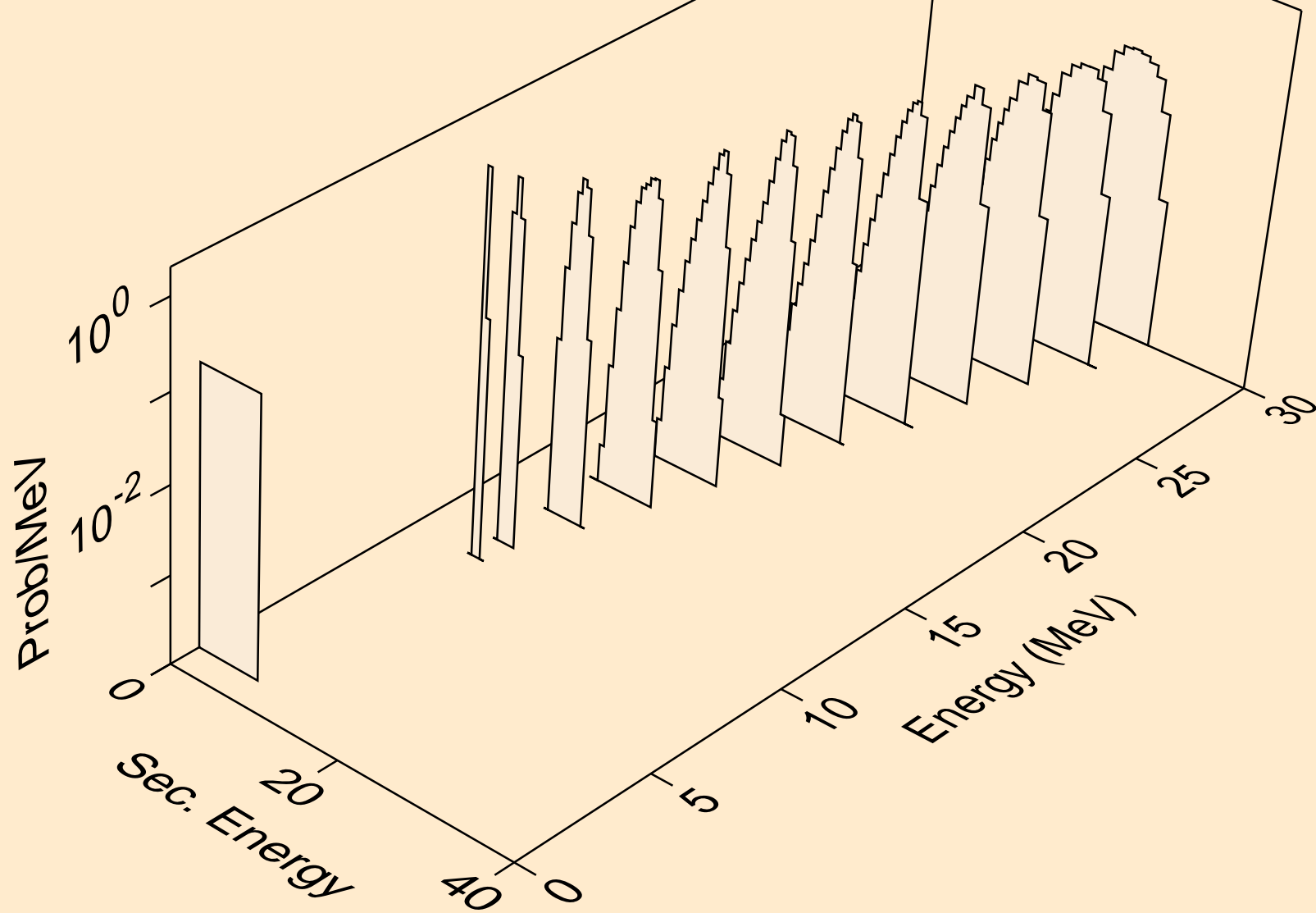
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



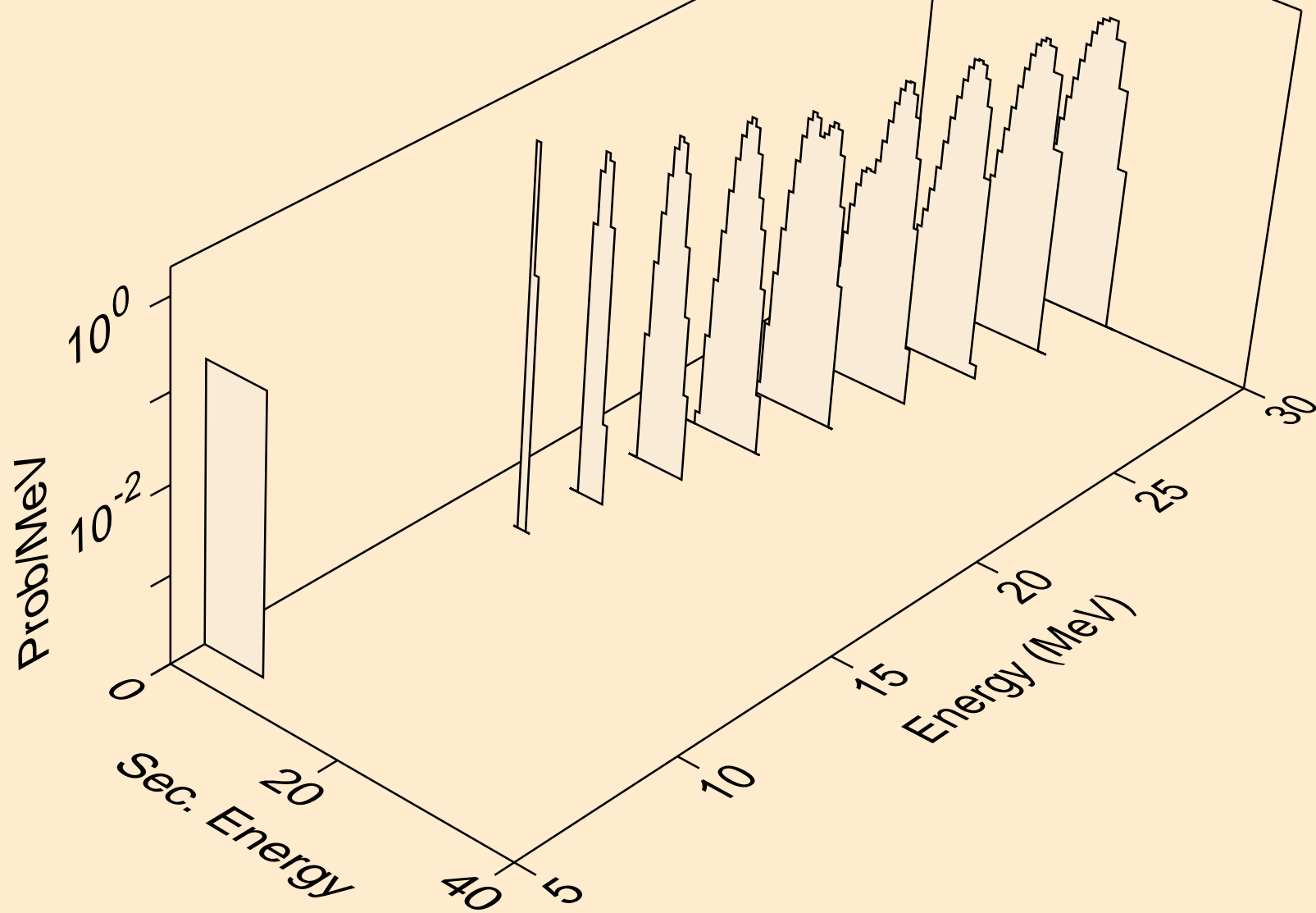
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



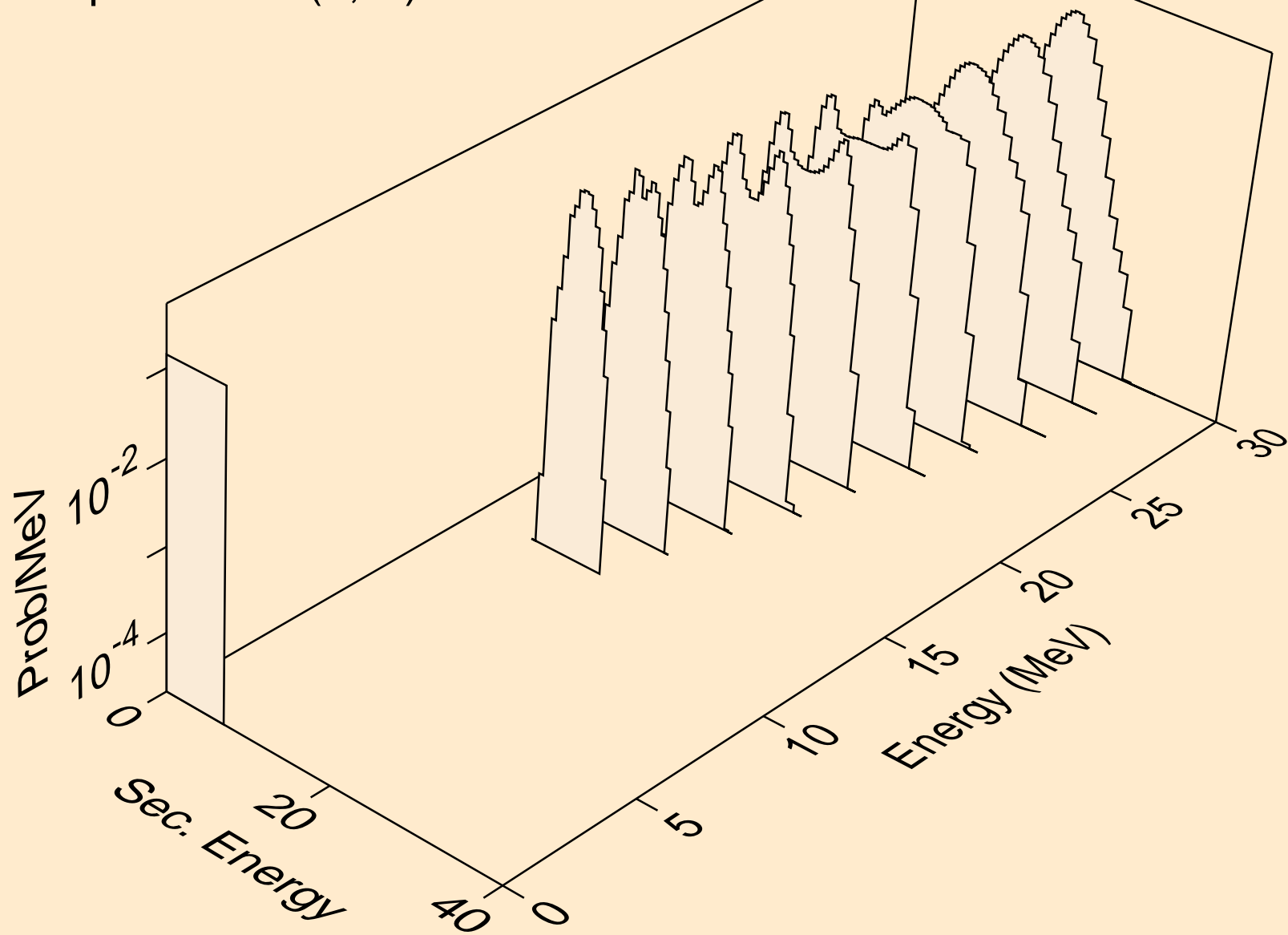
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

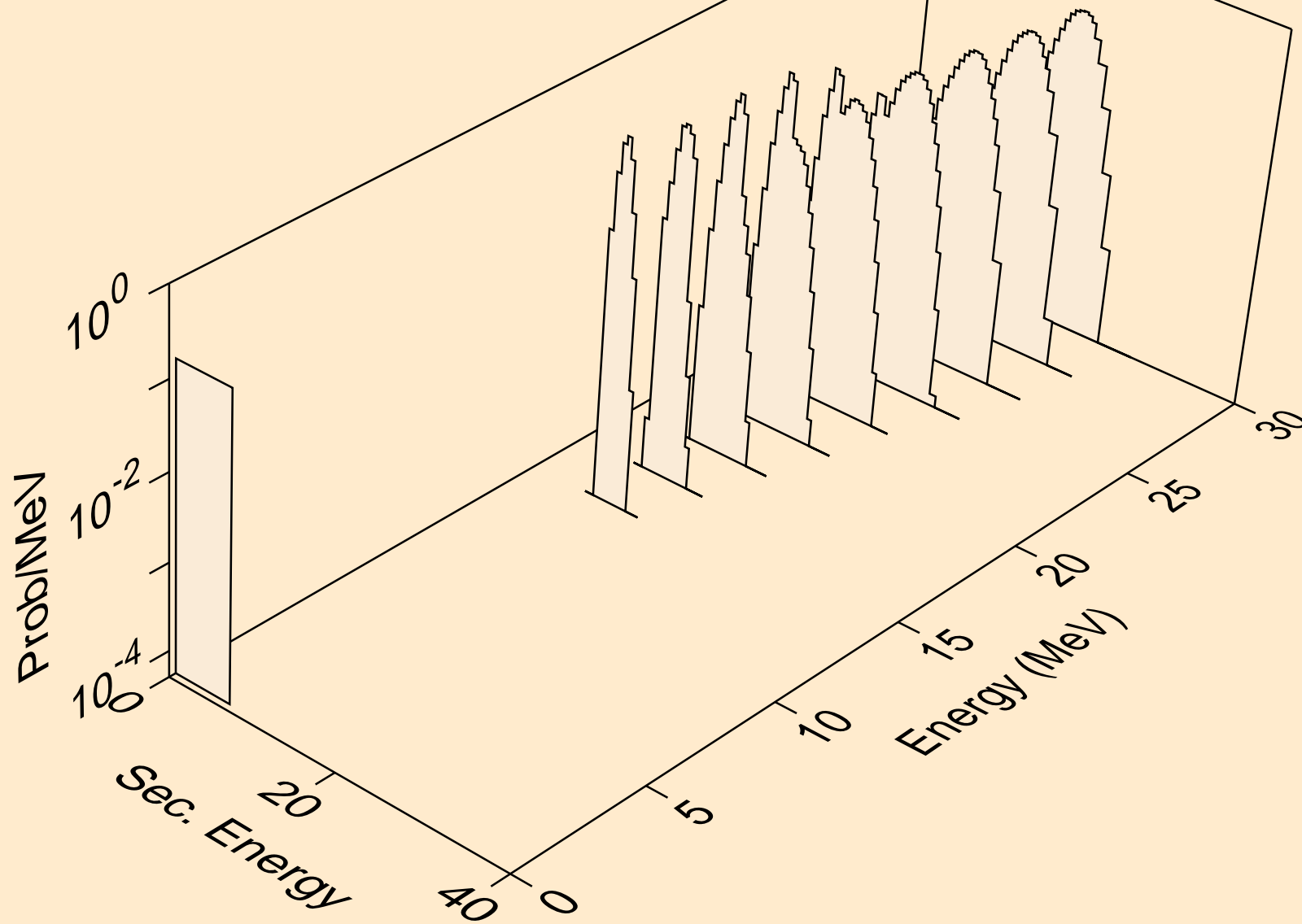


AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

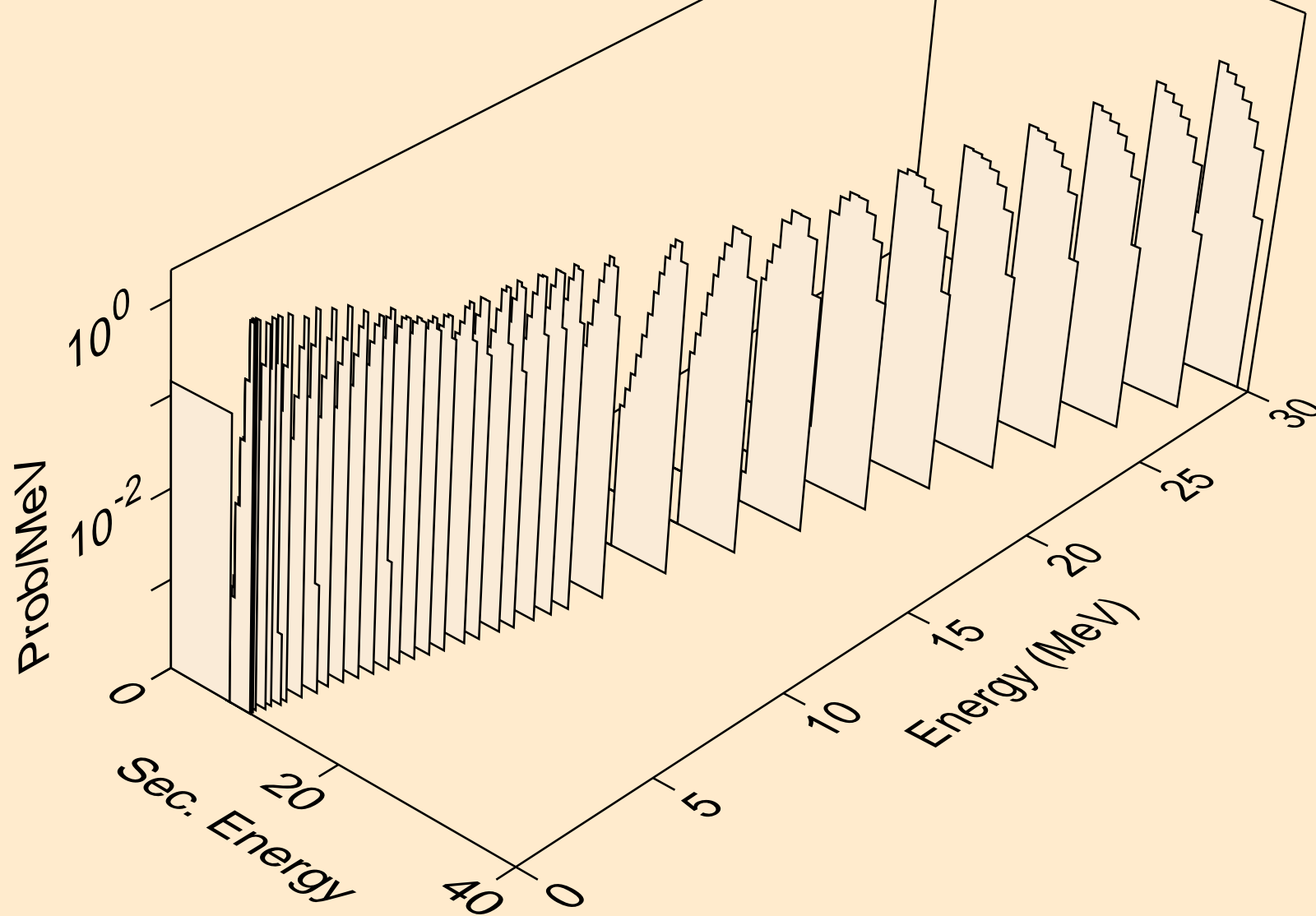




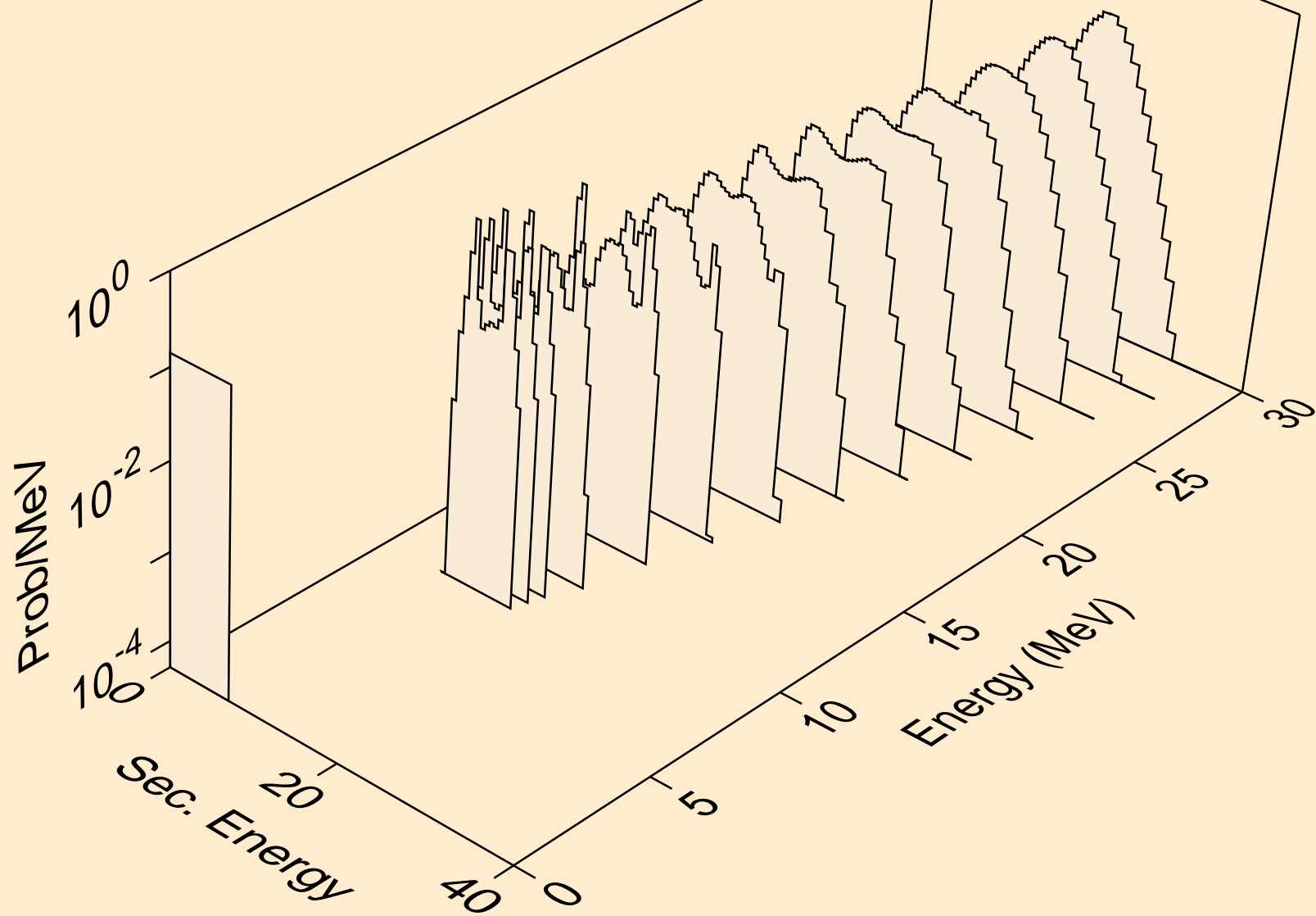
AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



AC227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

