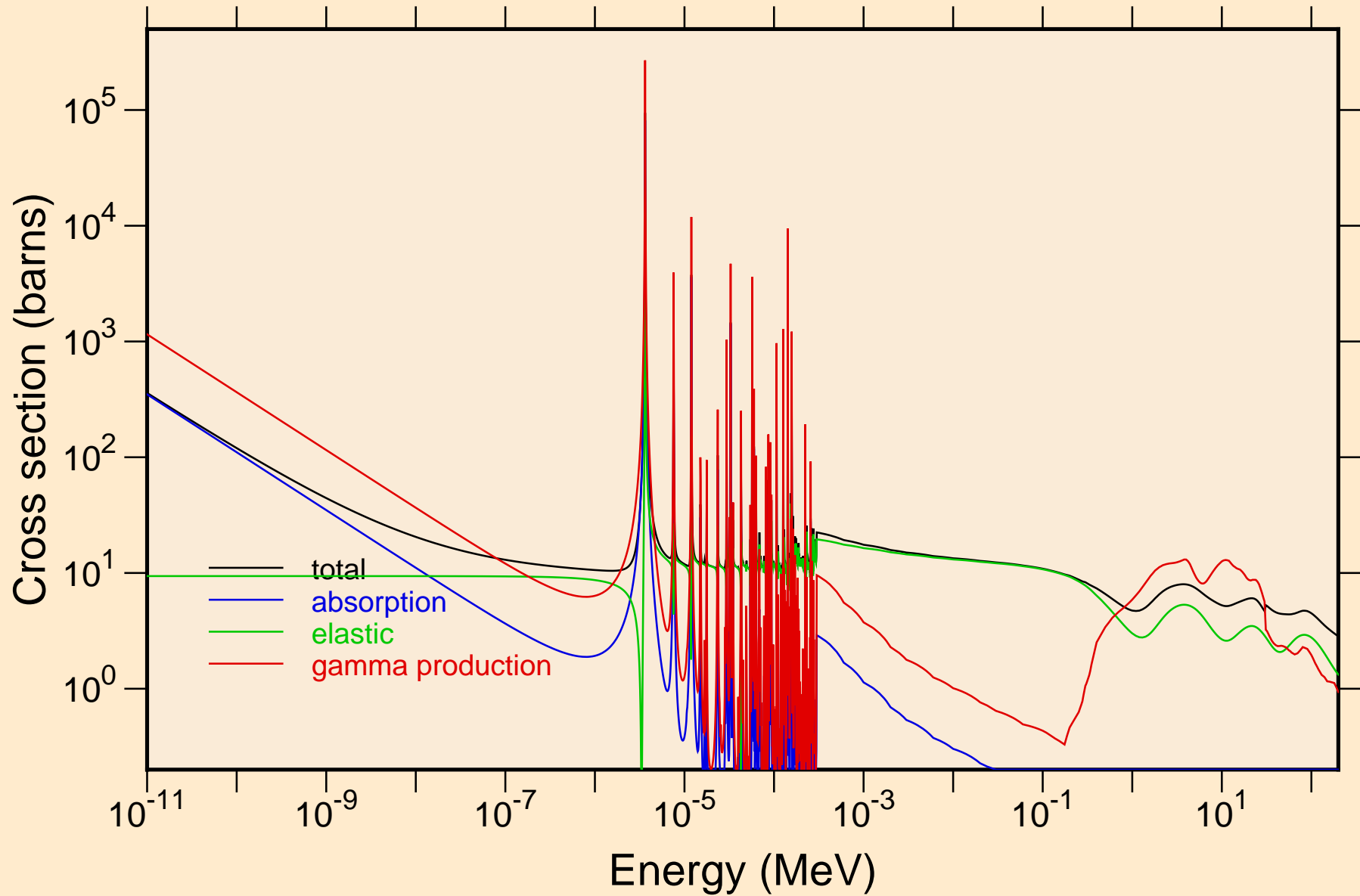
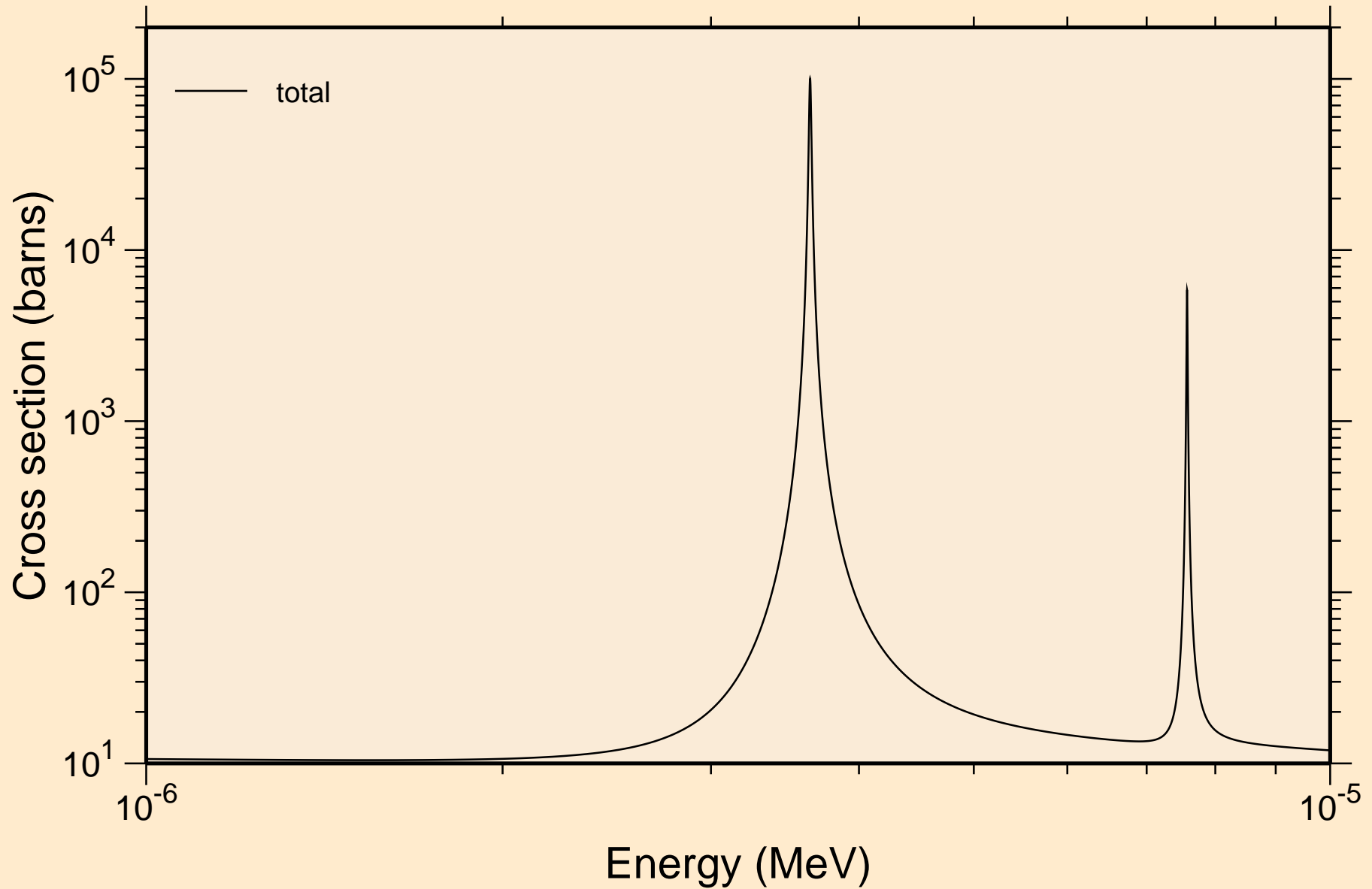


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

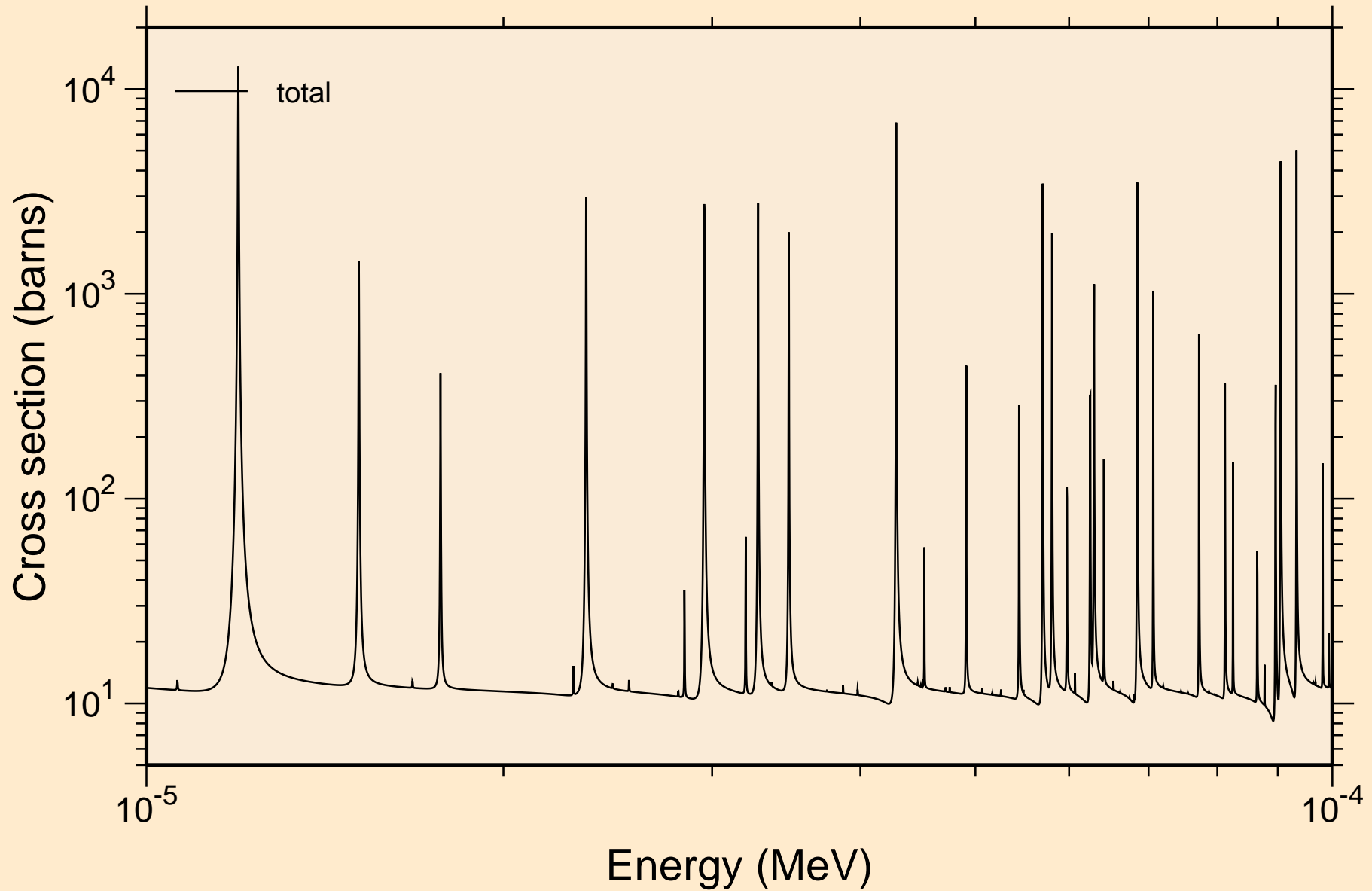
## Principal cross sections



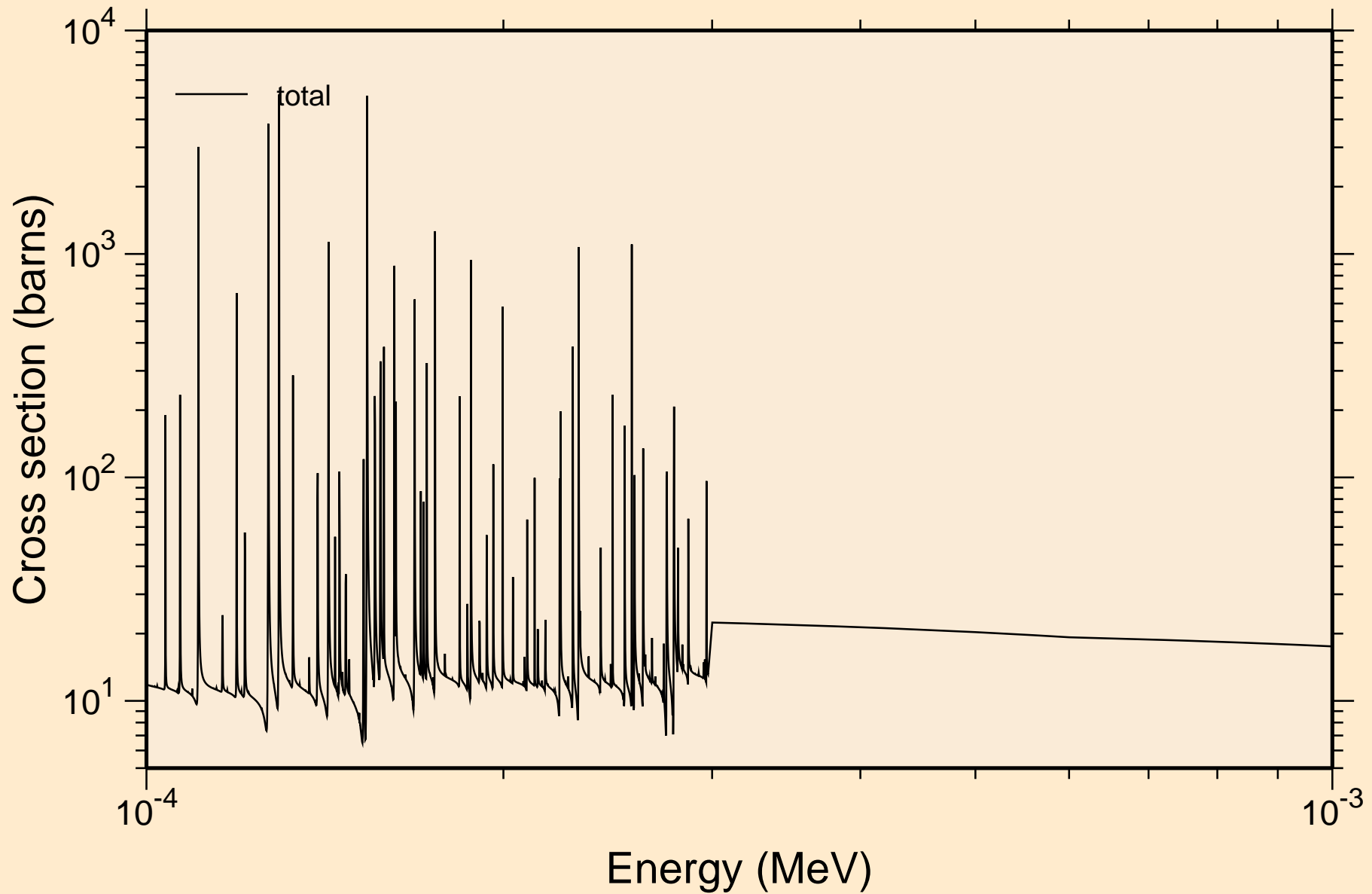
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



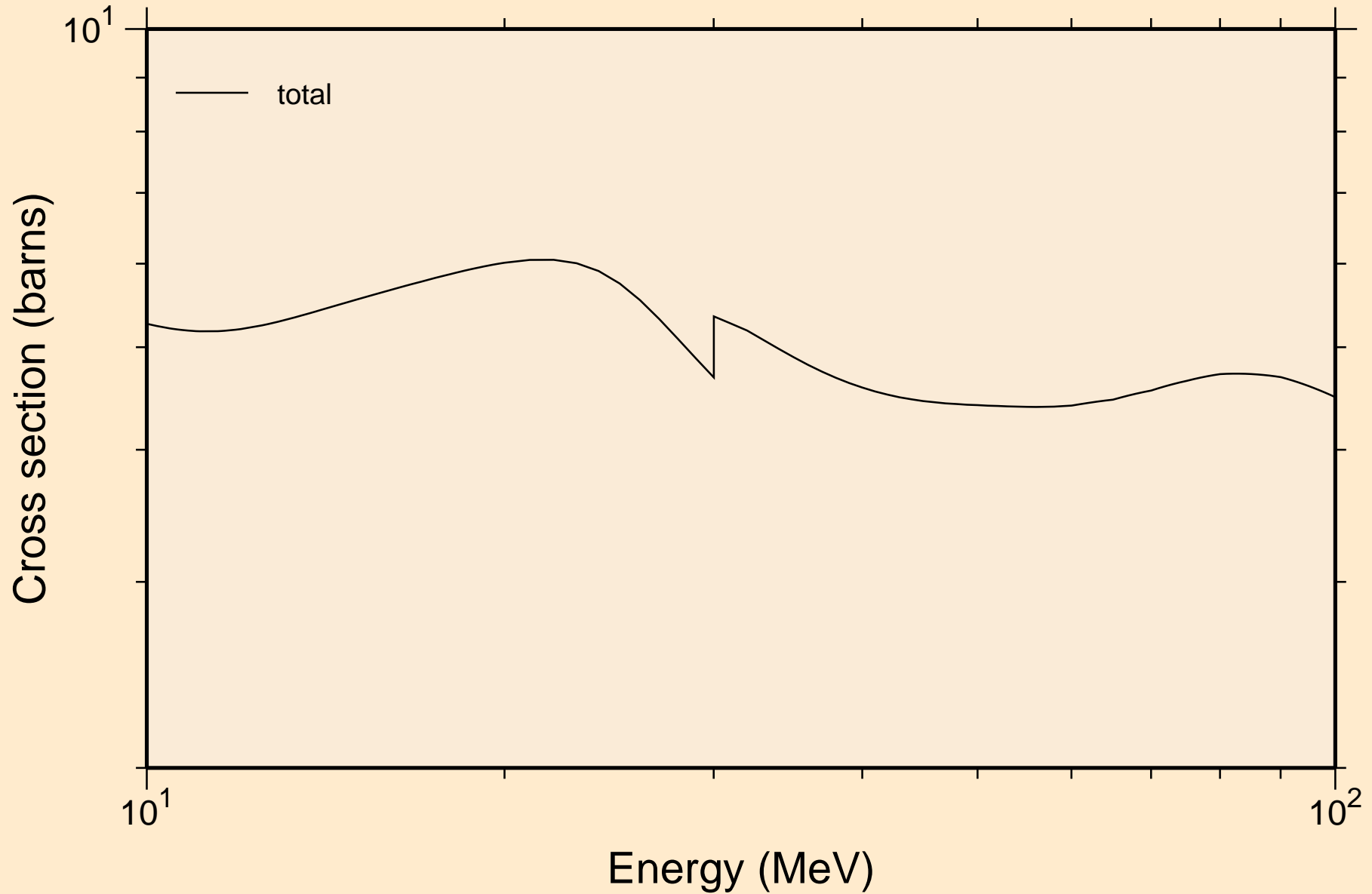
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



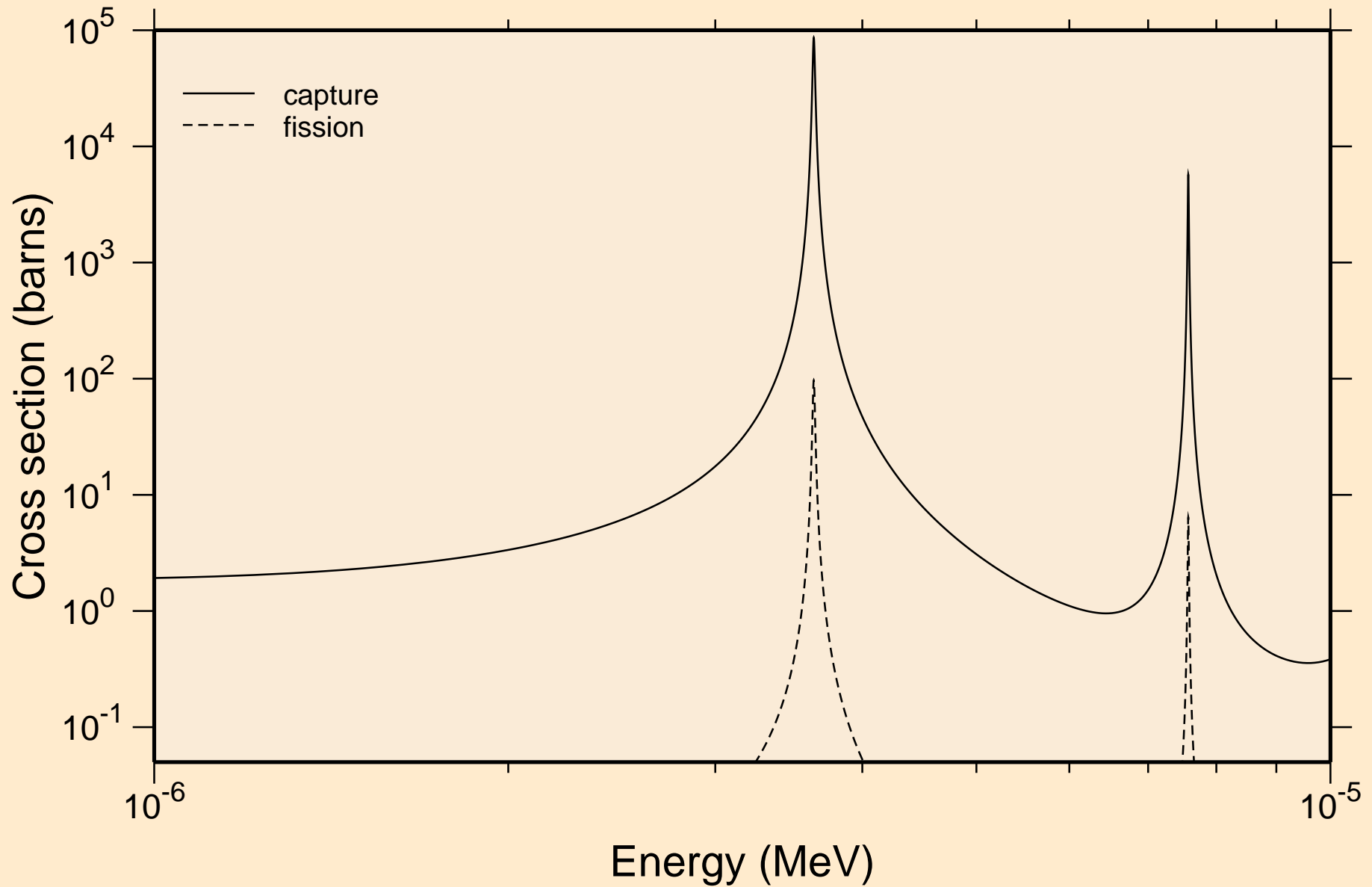
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



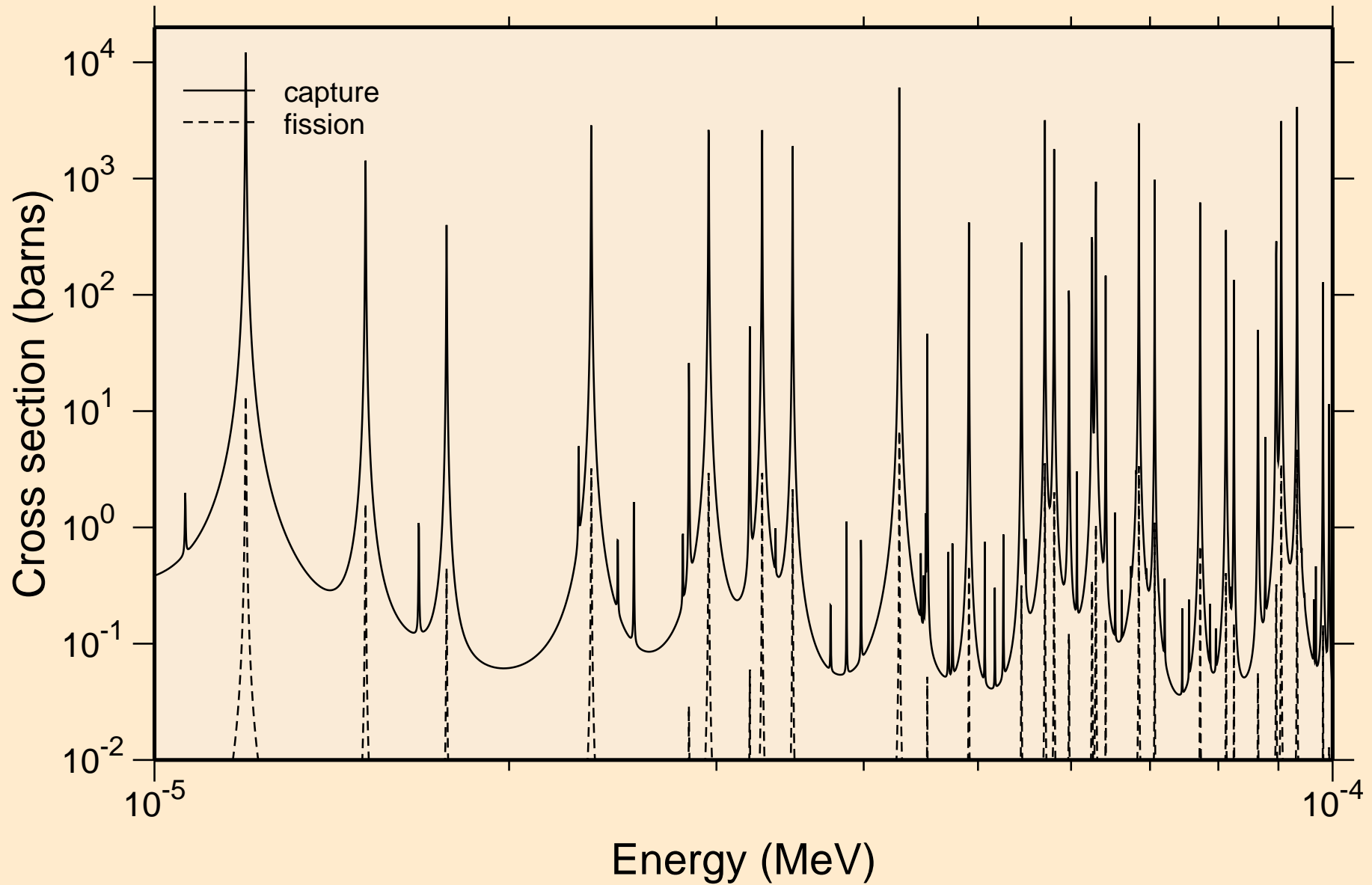
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



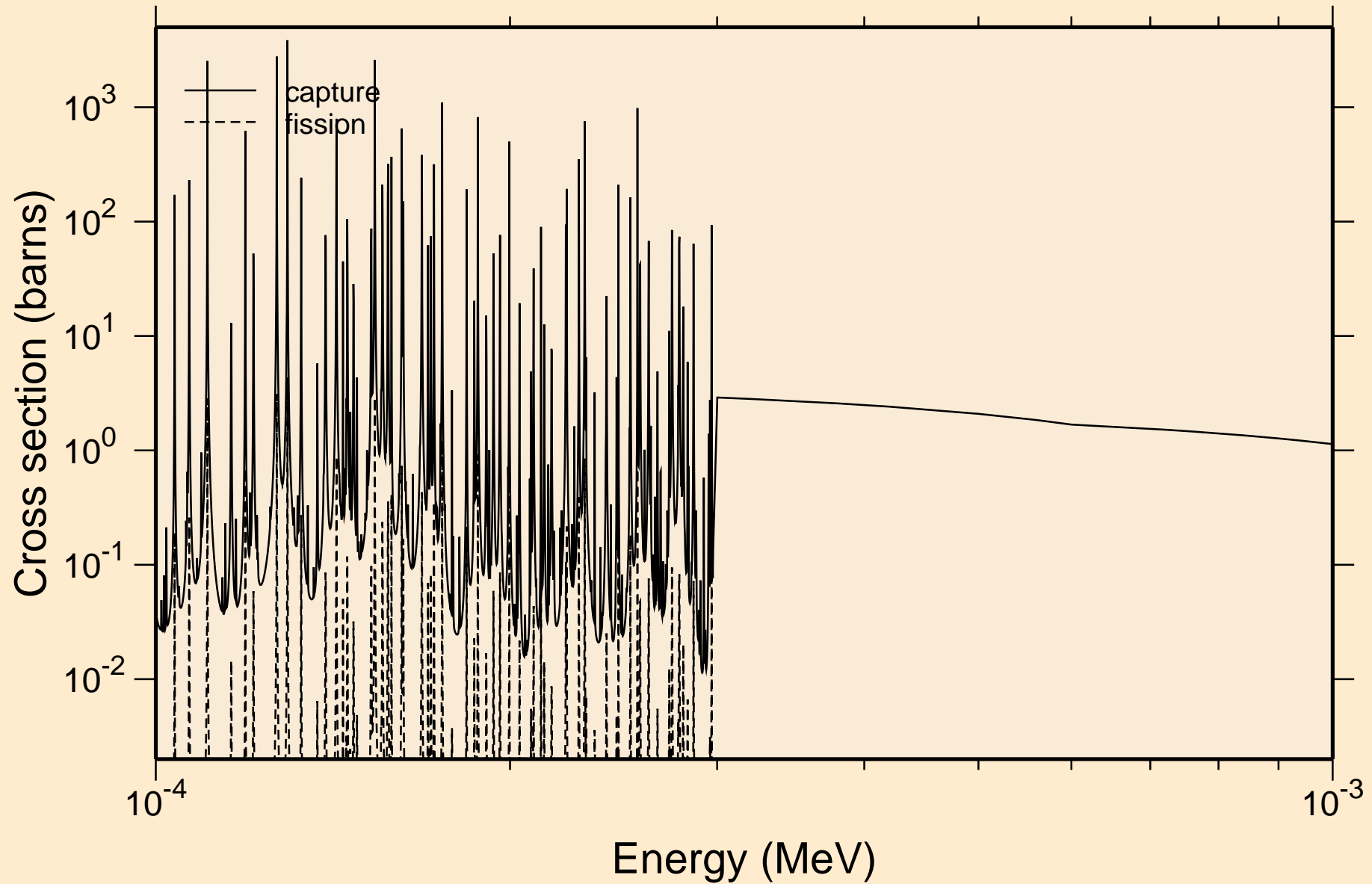
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

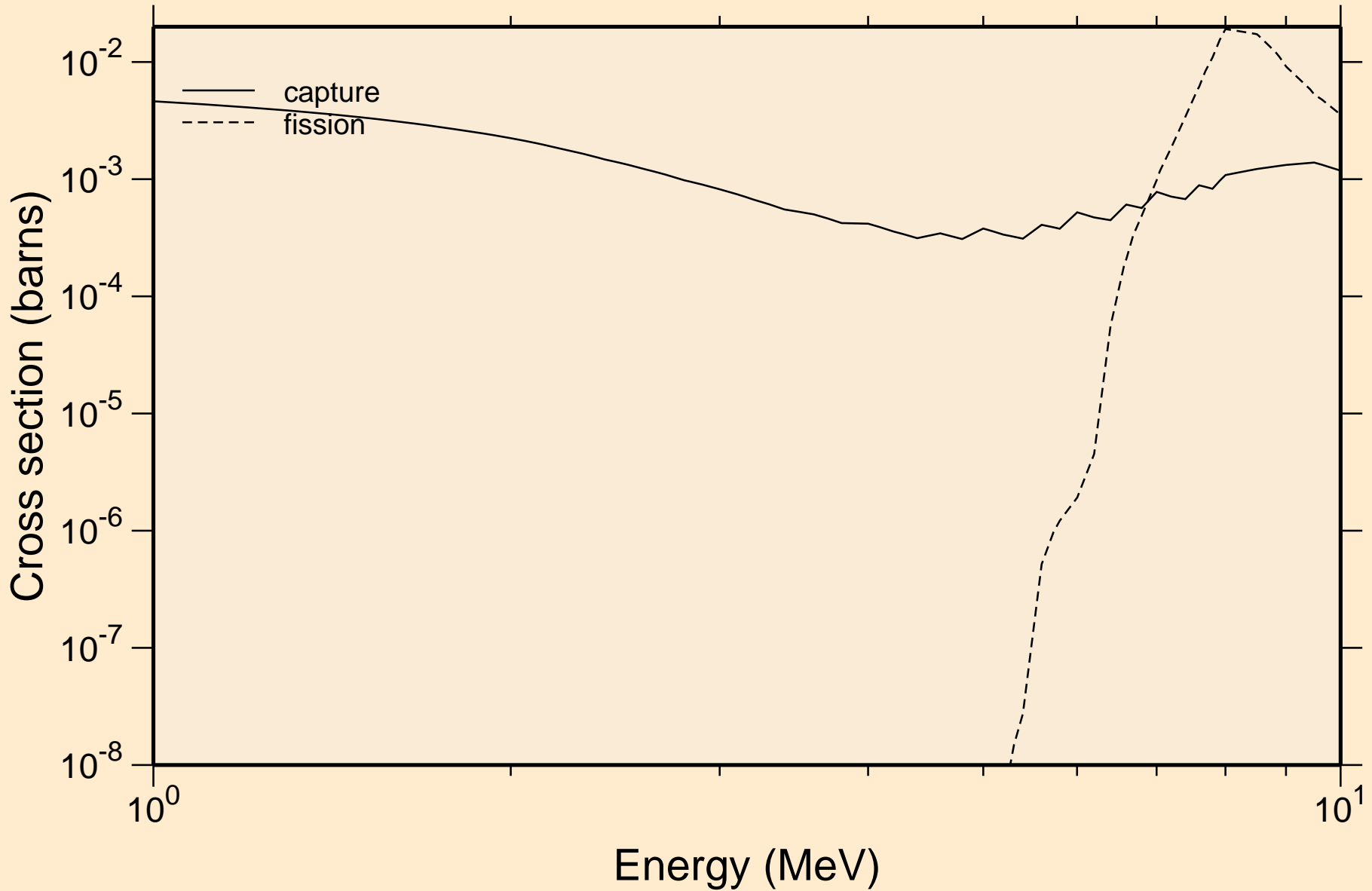


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



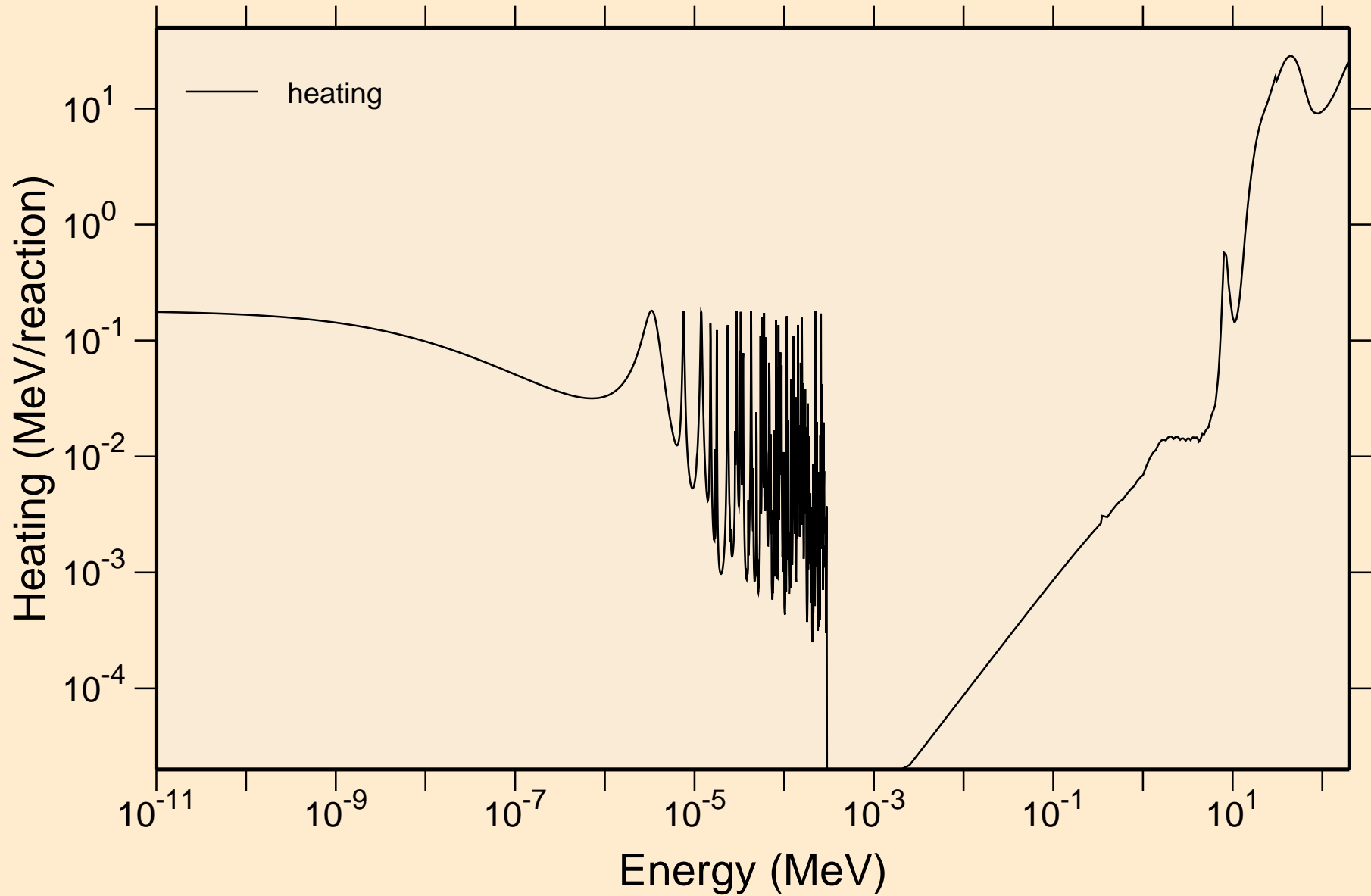


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

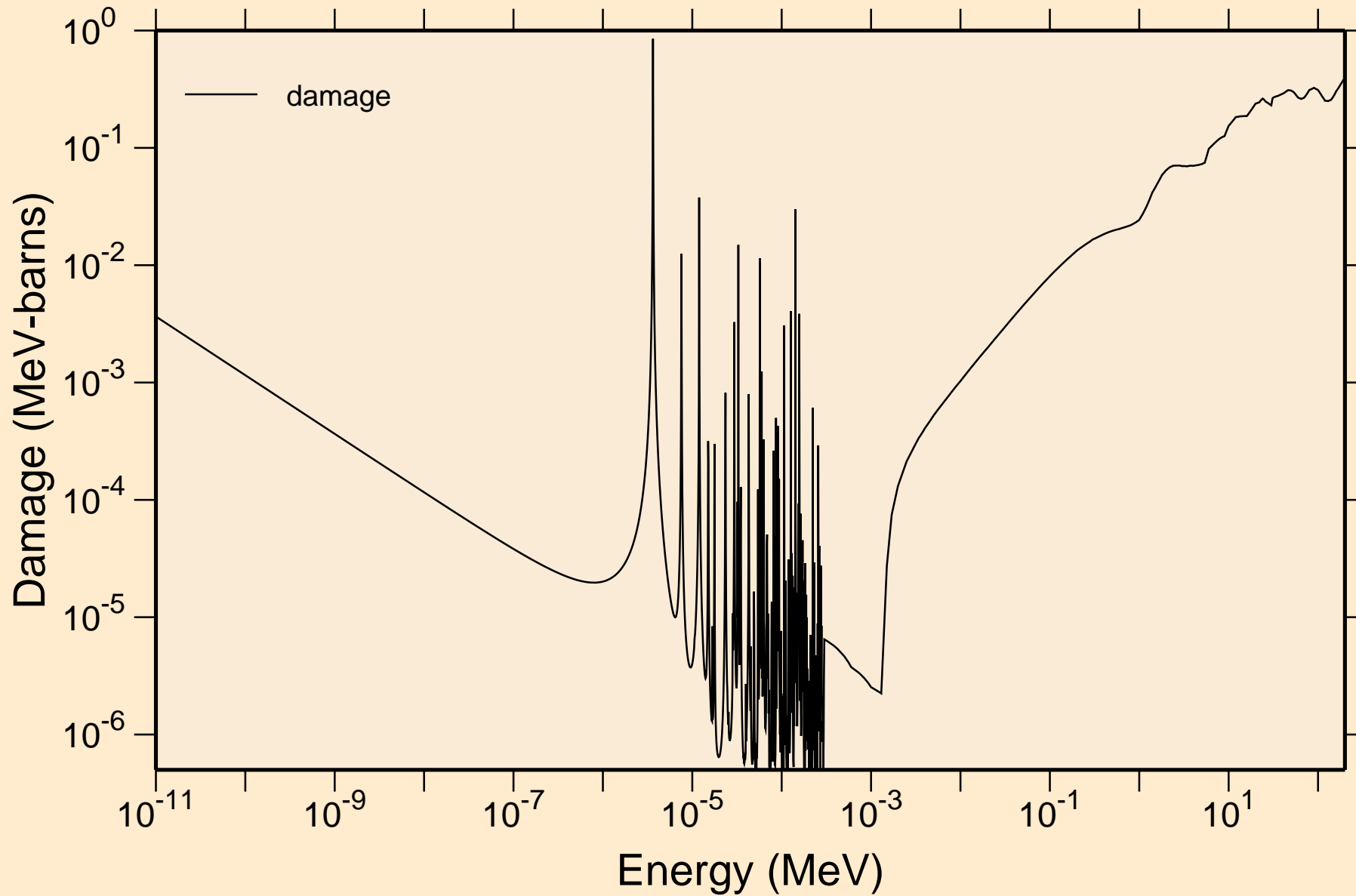


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

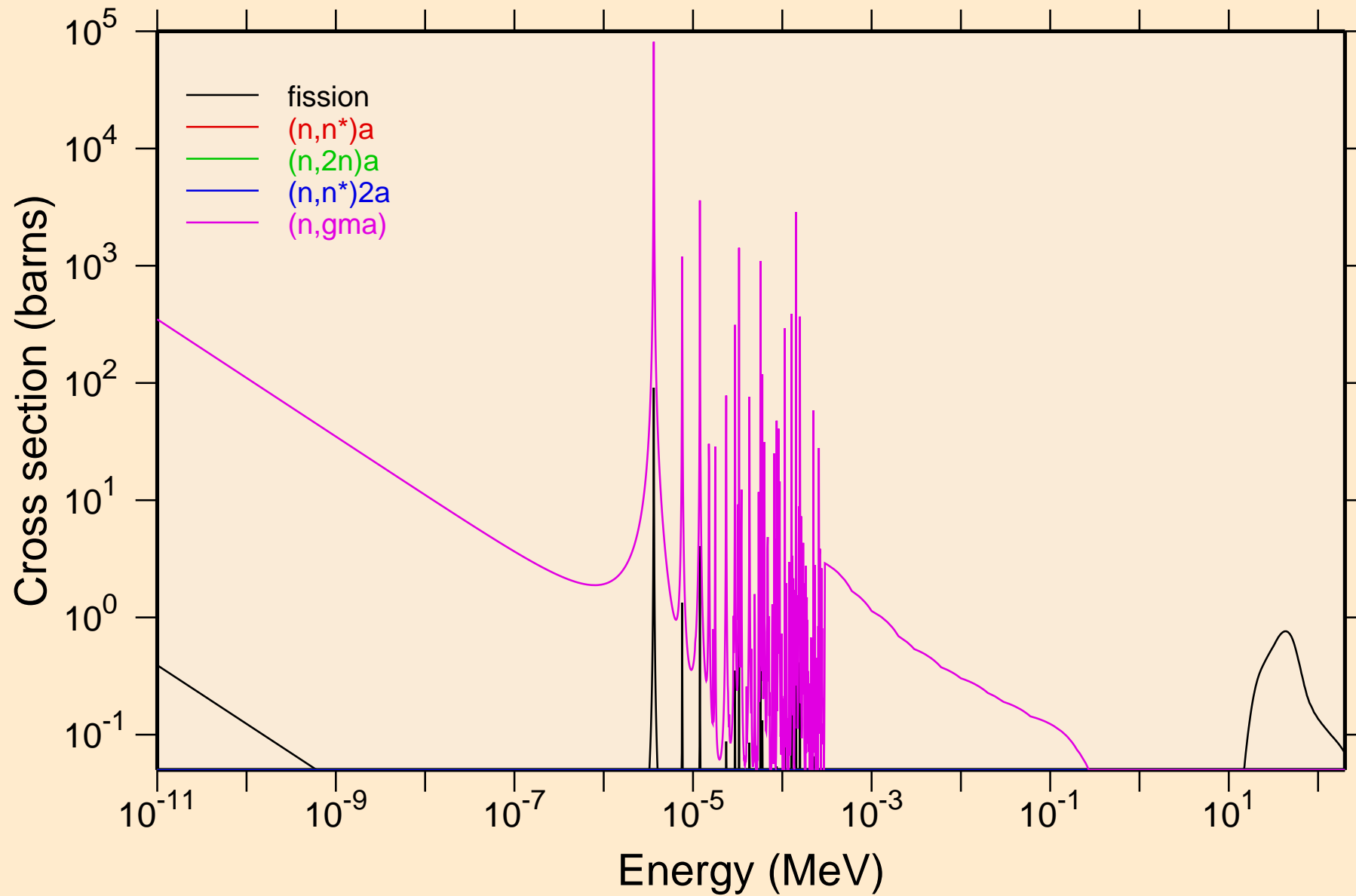


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

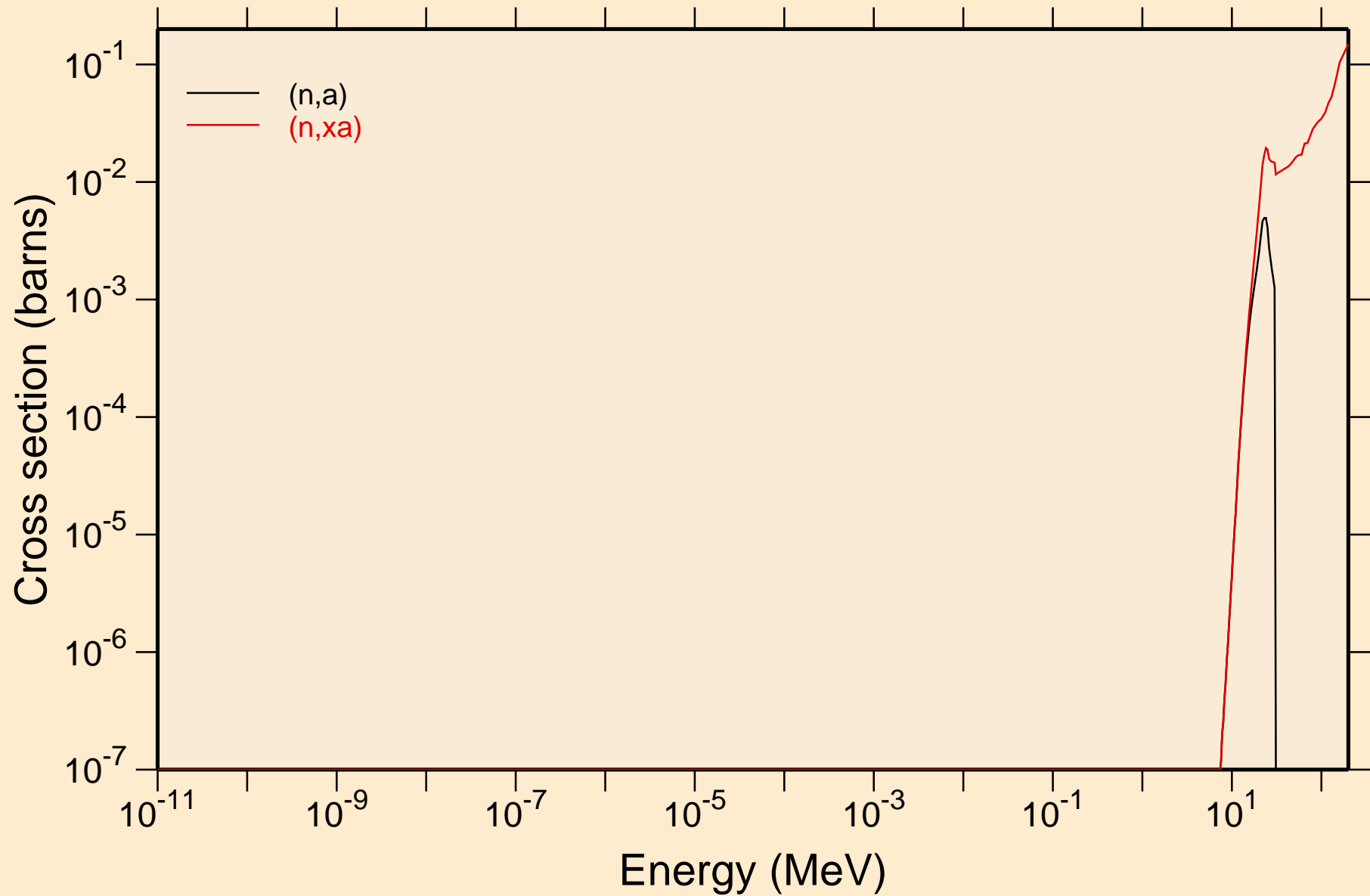


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

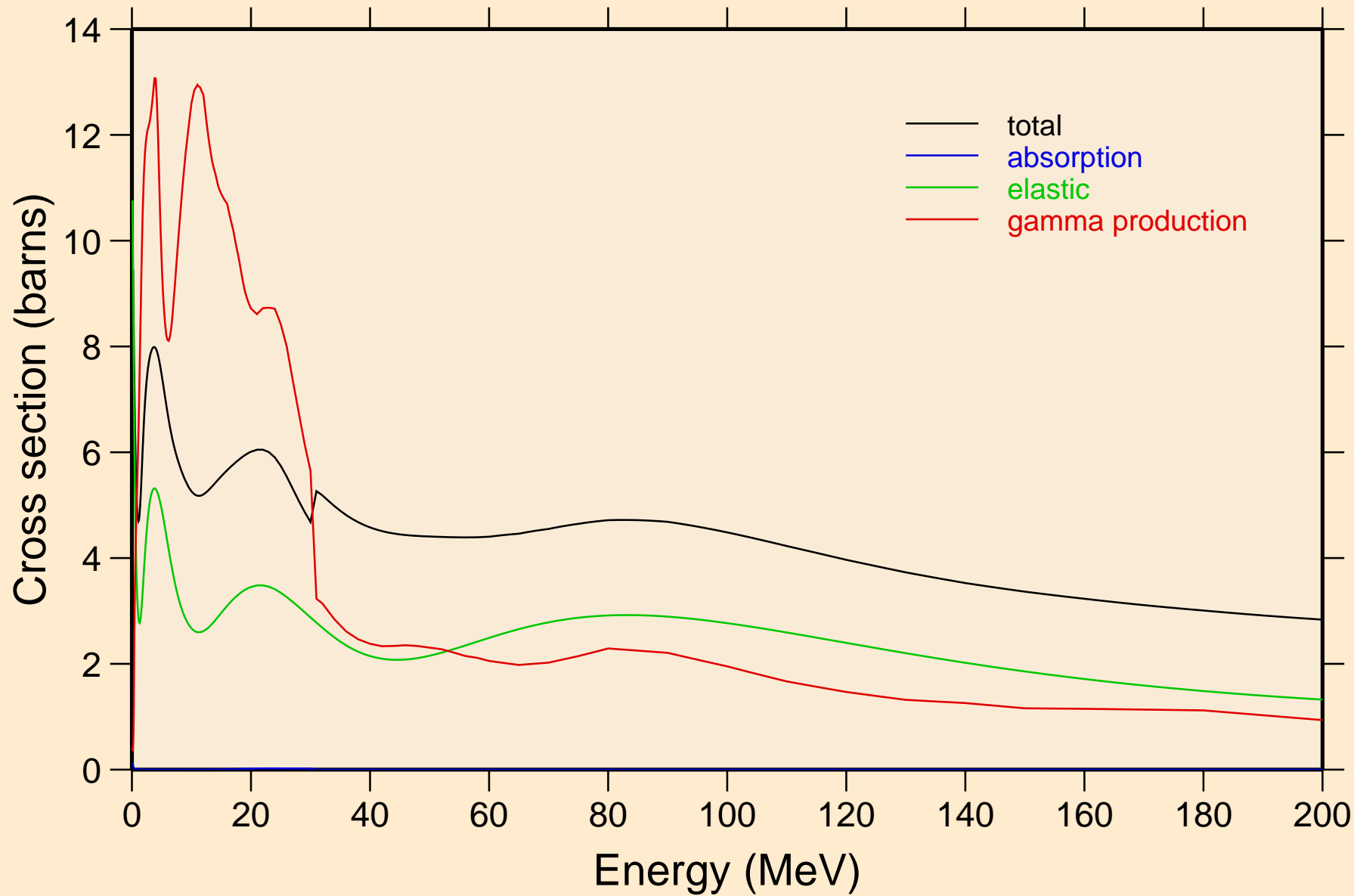
## Non-threshold reactions



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

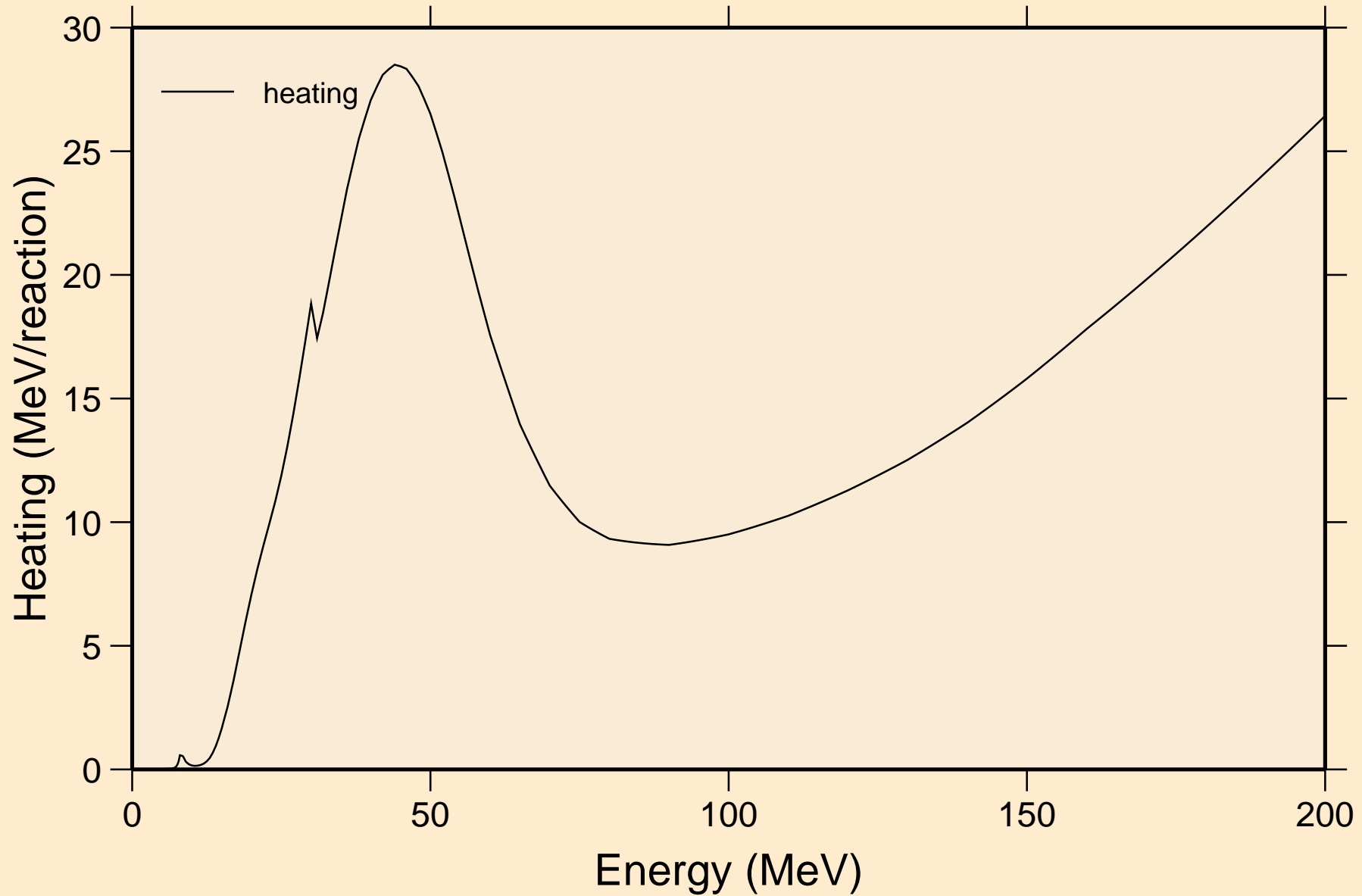


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

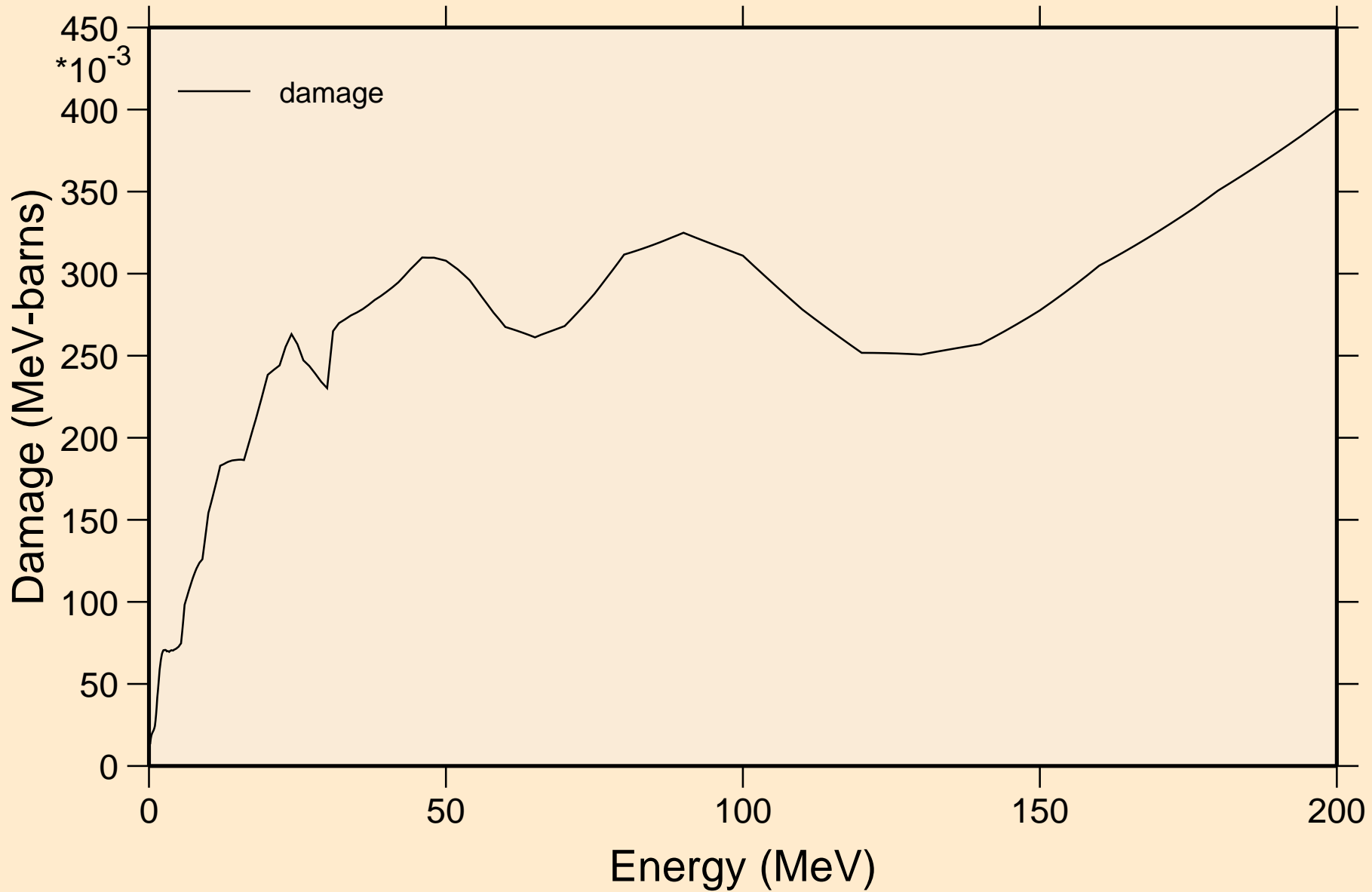


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



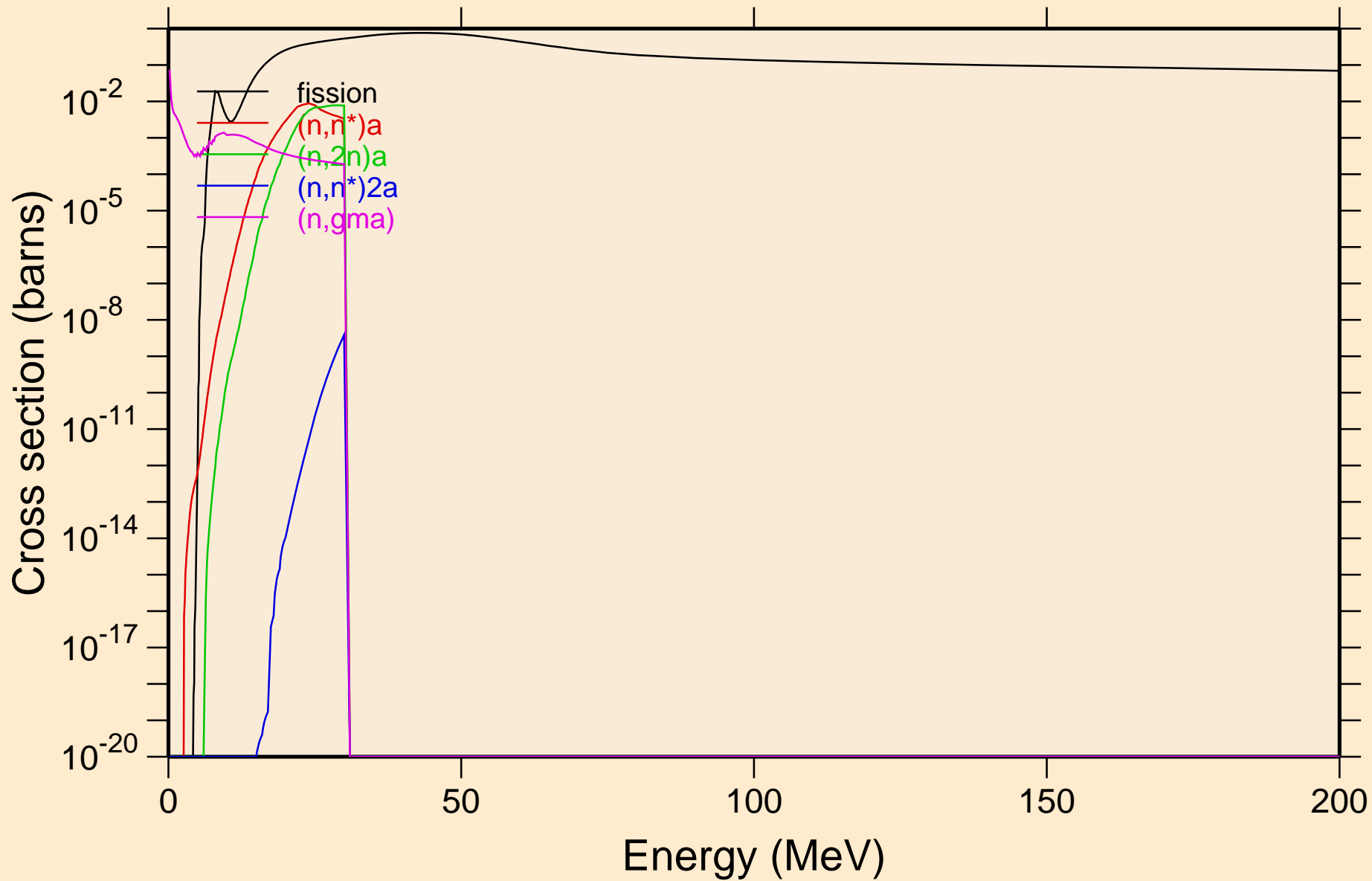
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



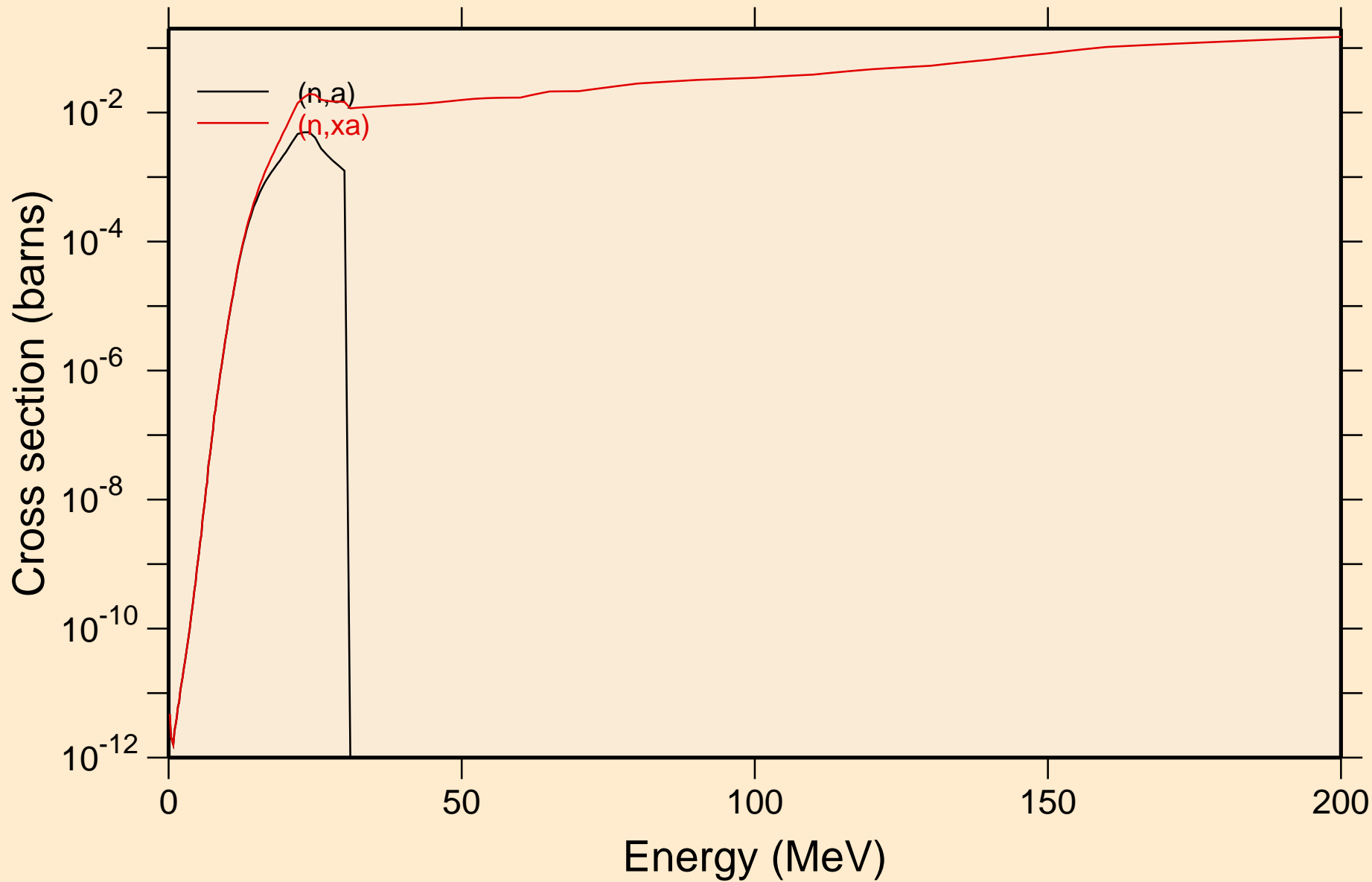


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

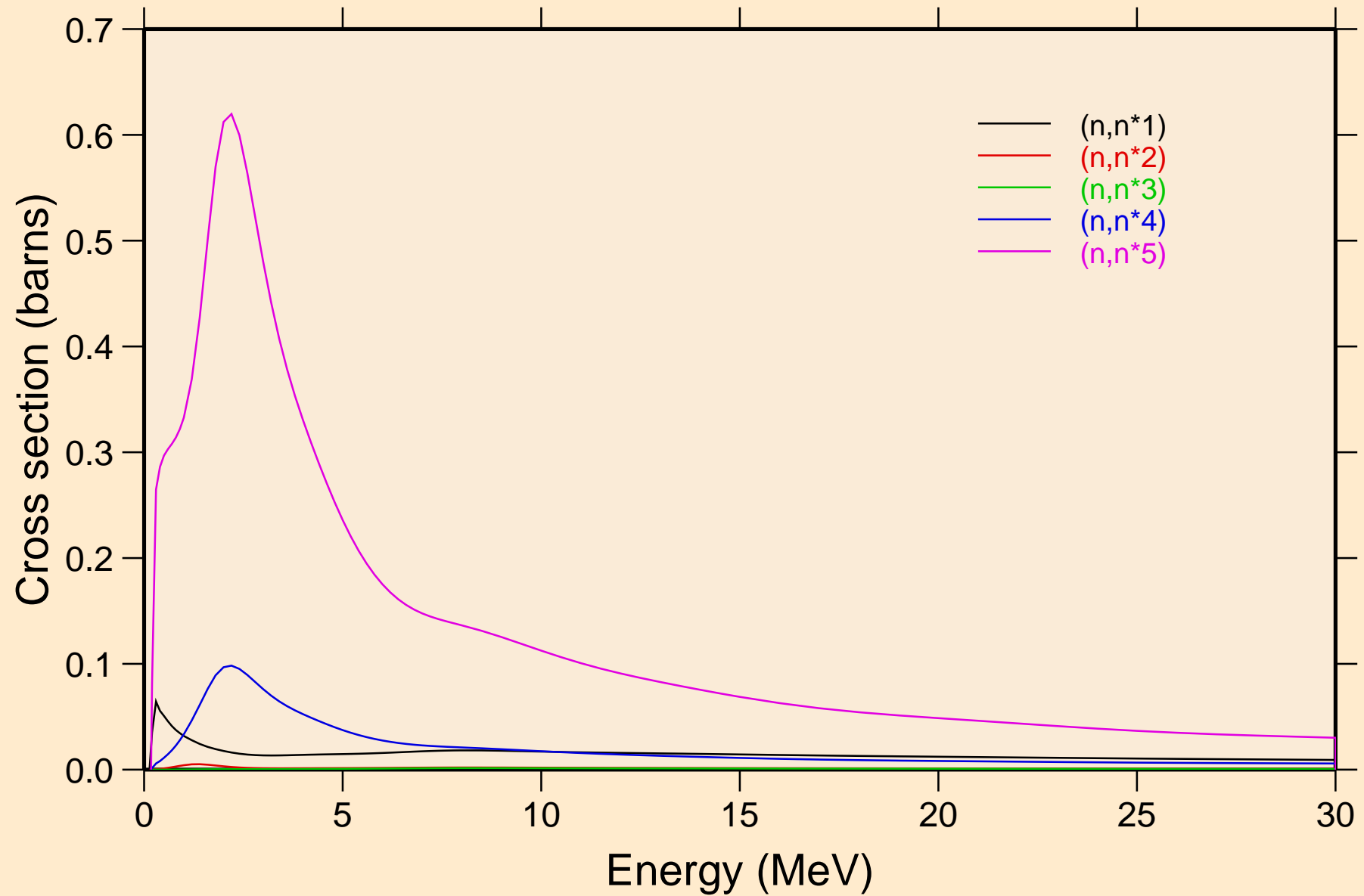
## Non-threshold reactions



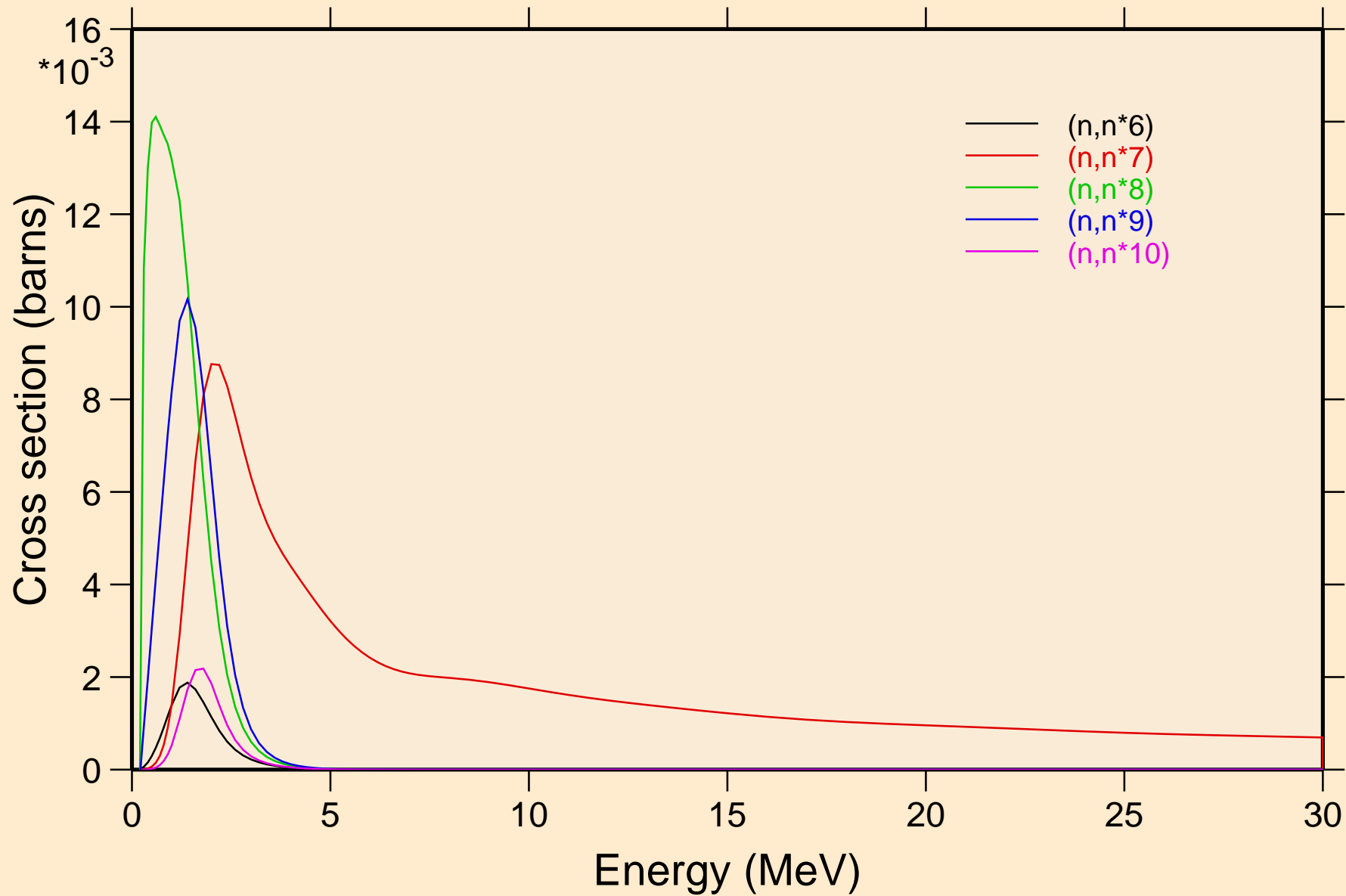
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



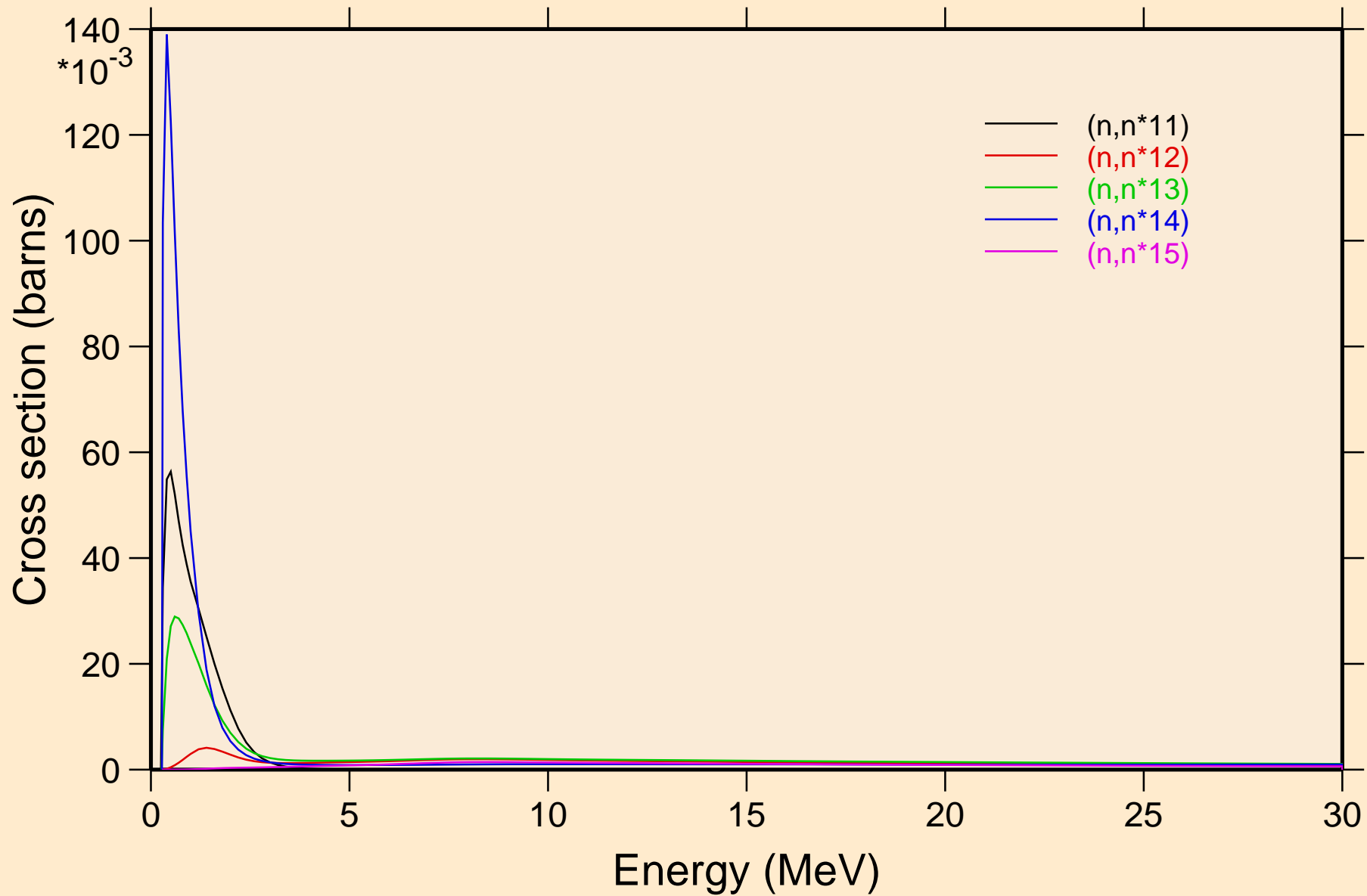
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



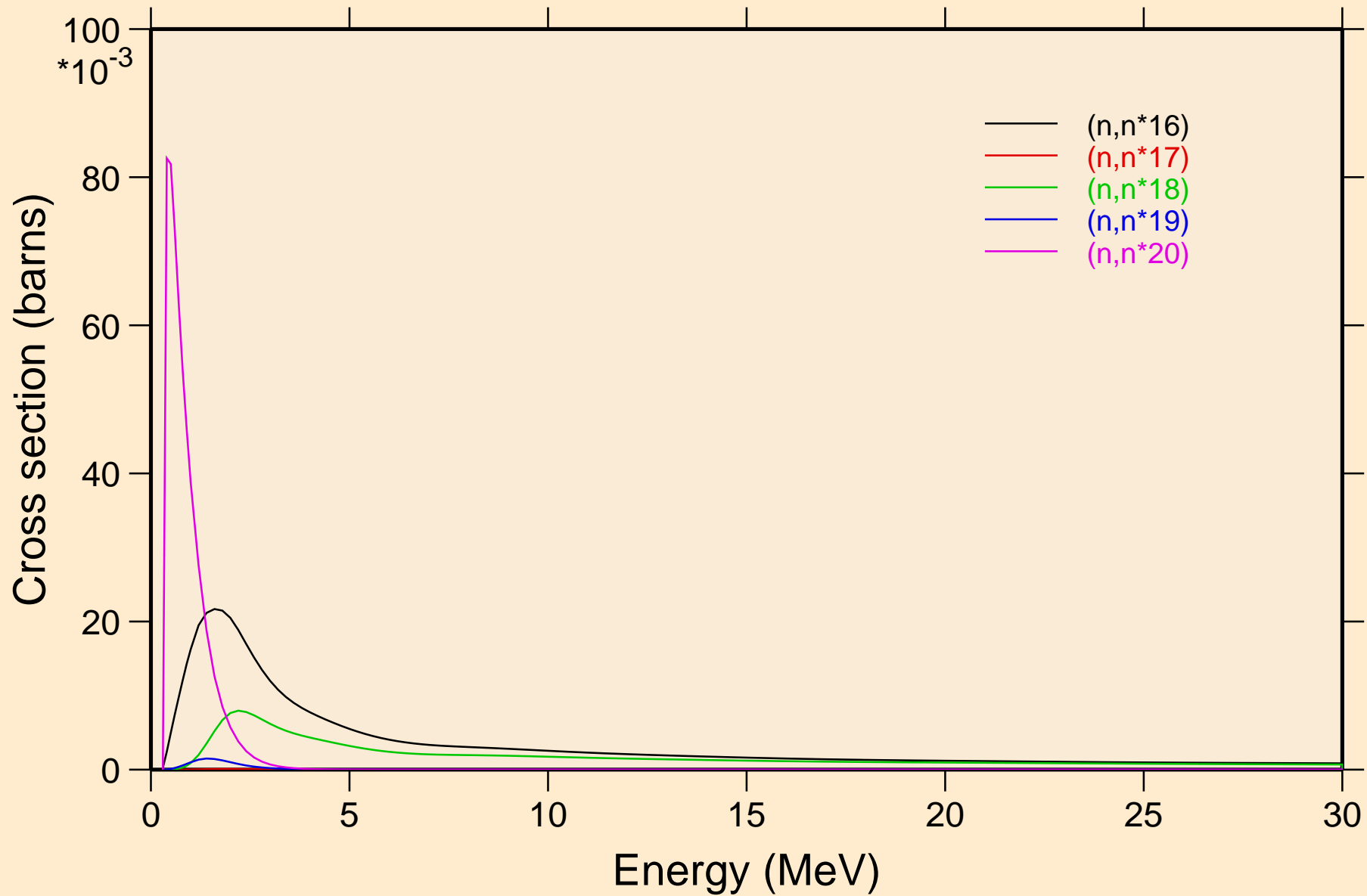
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



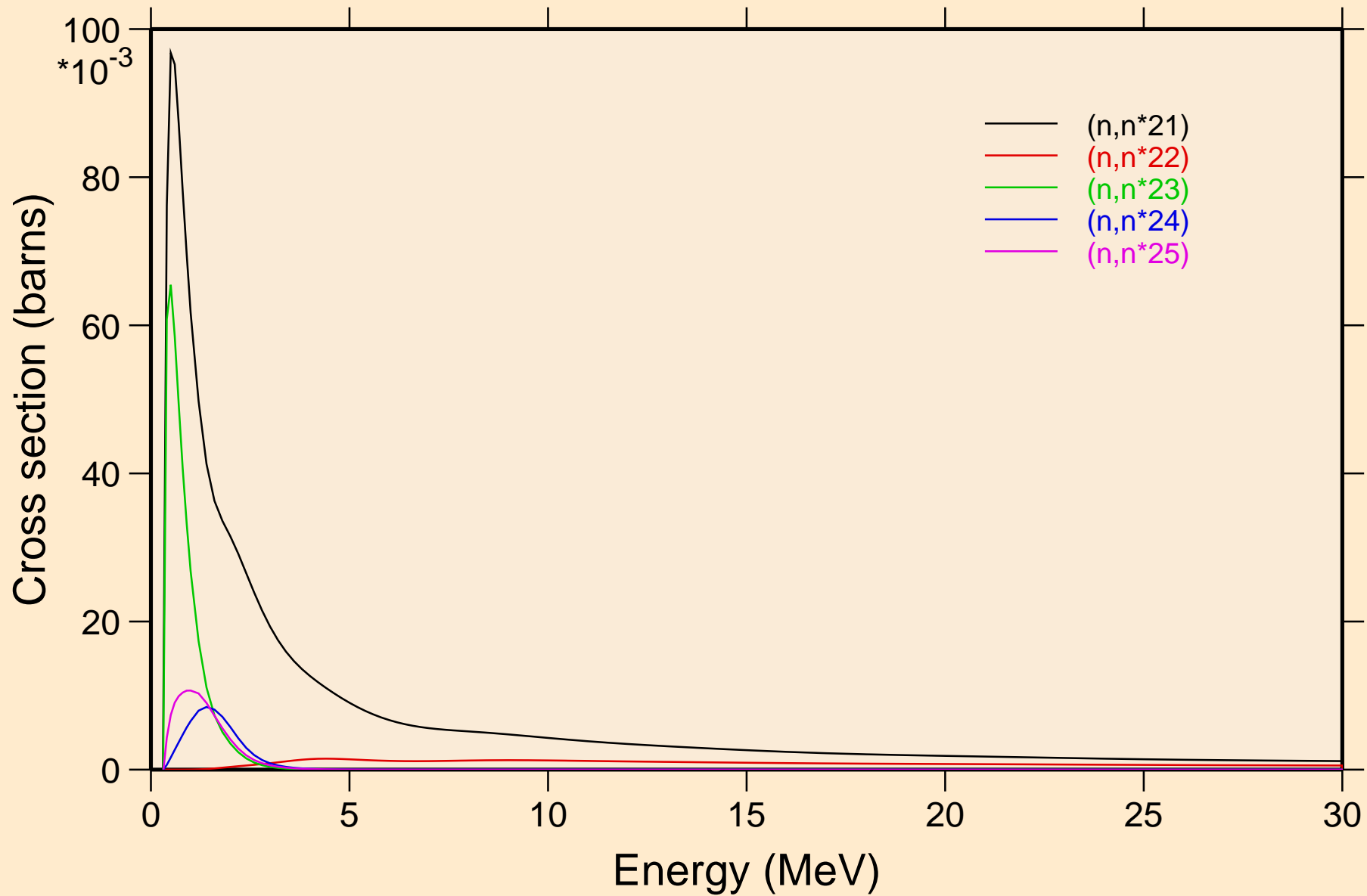
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



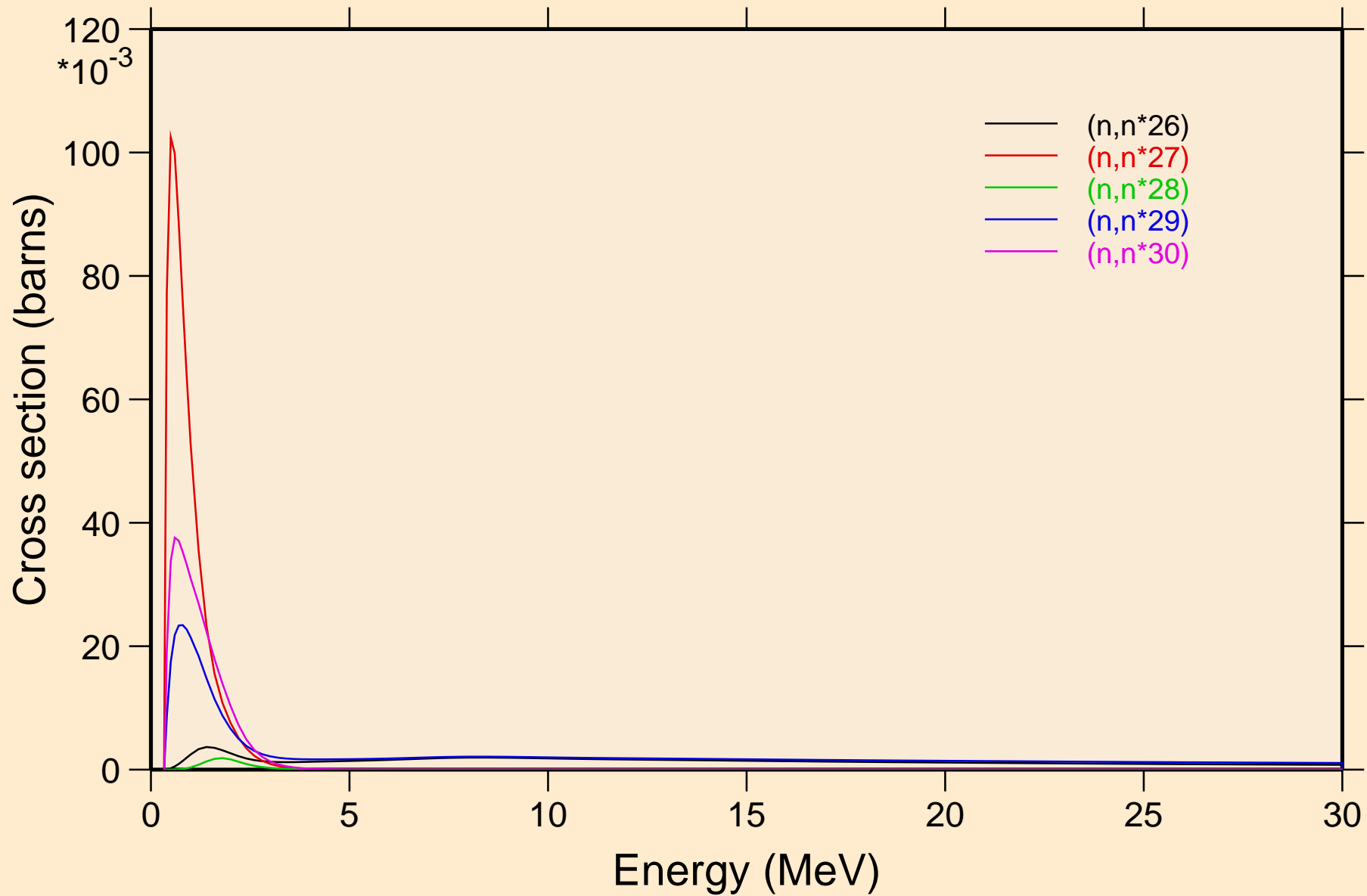
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



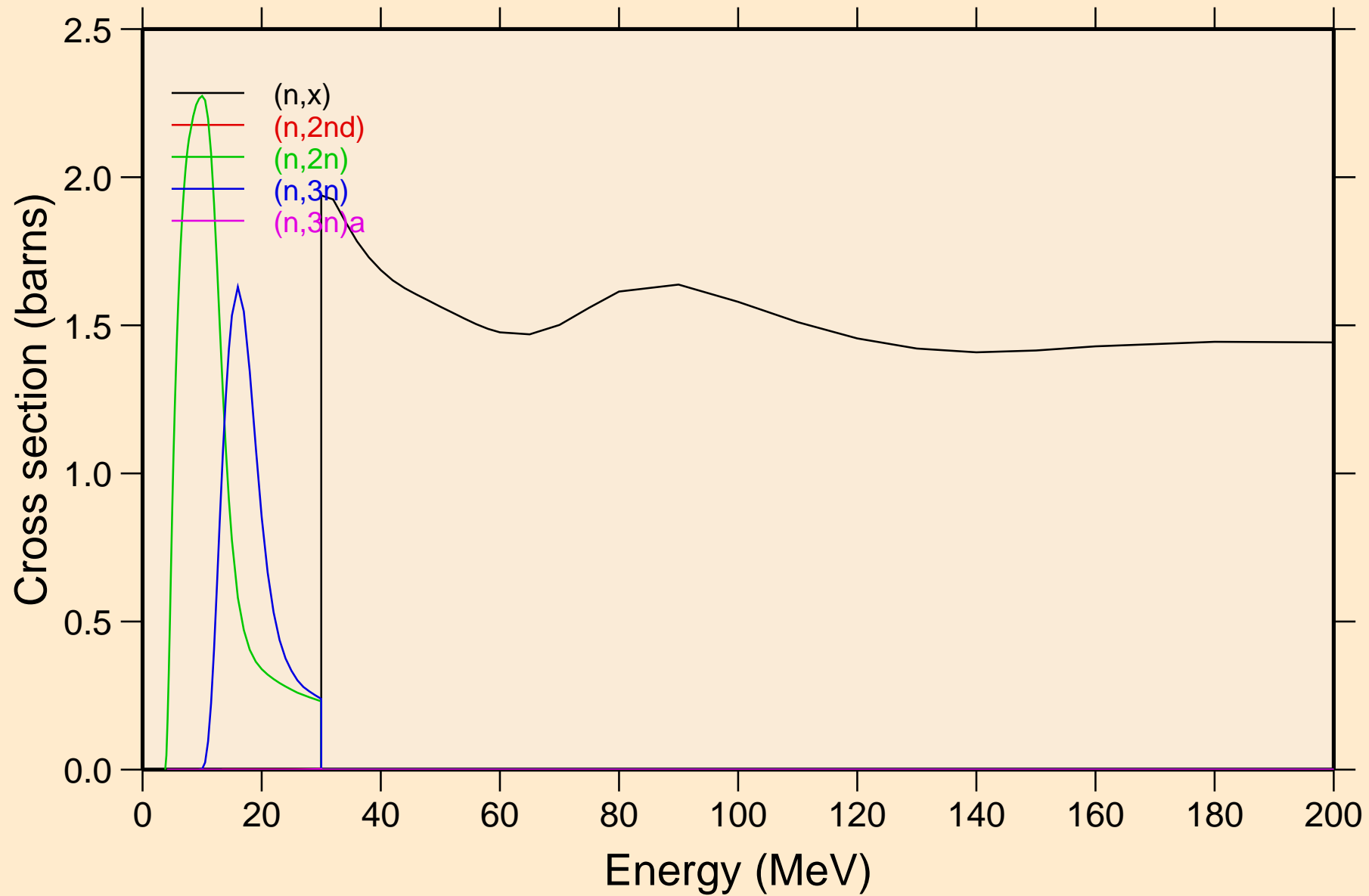
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



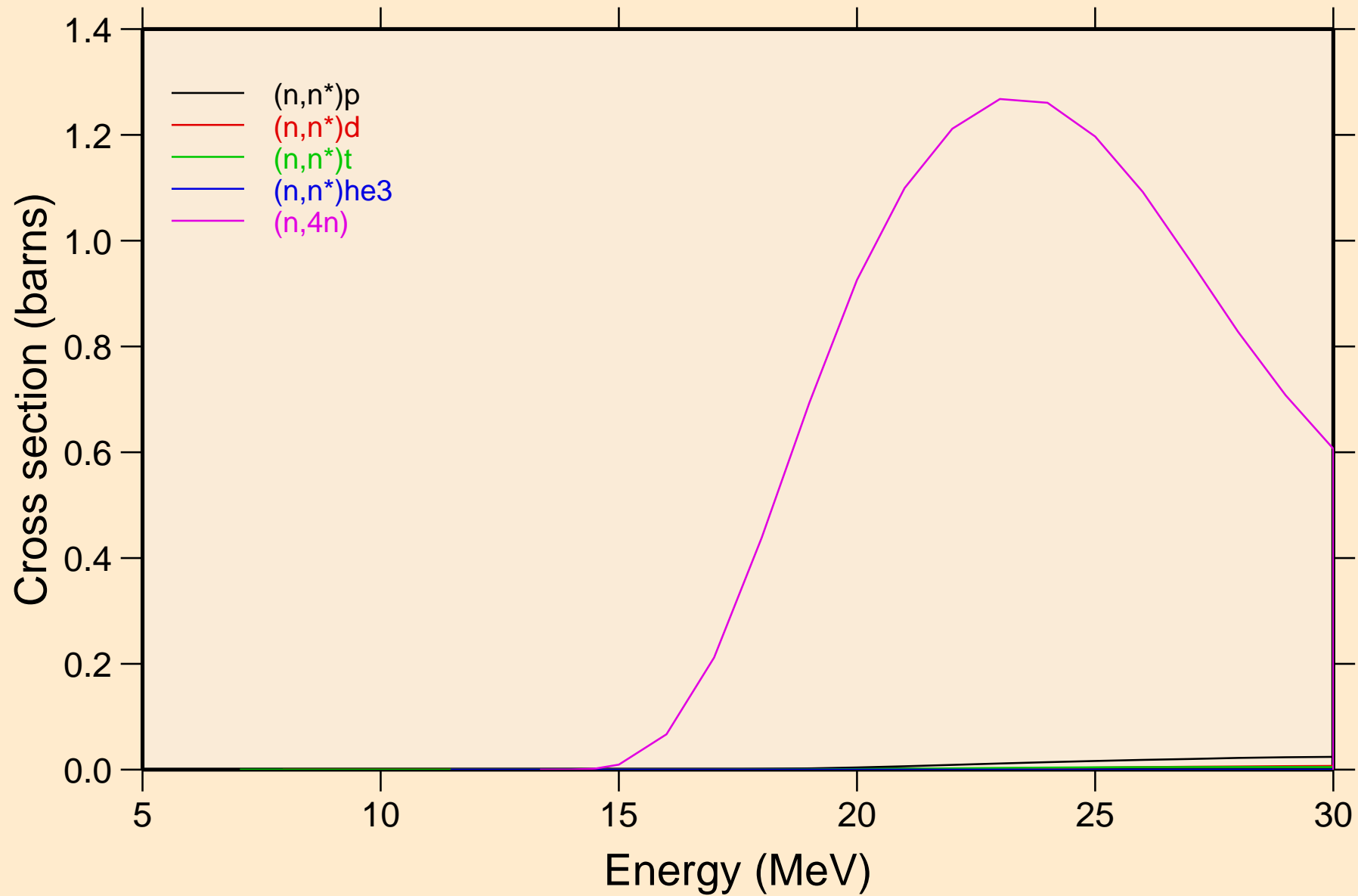


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

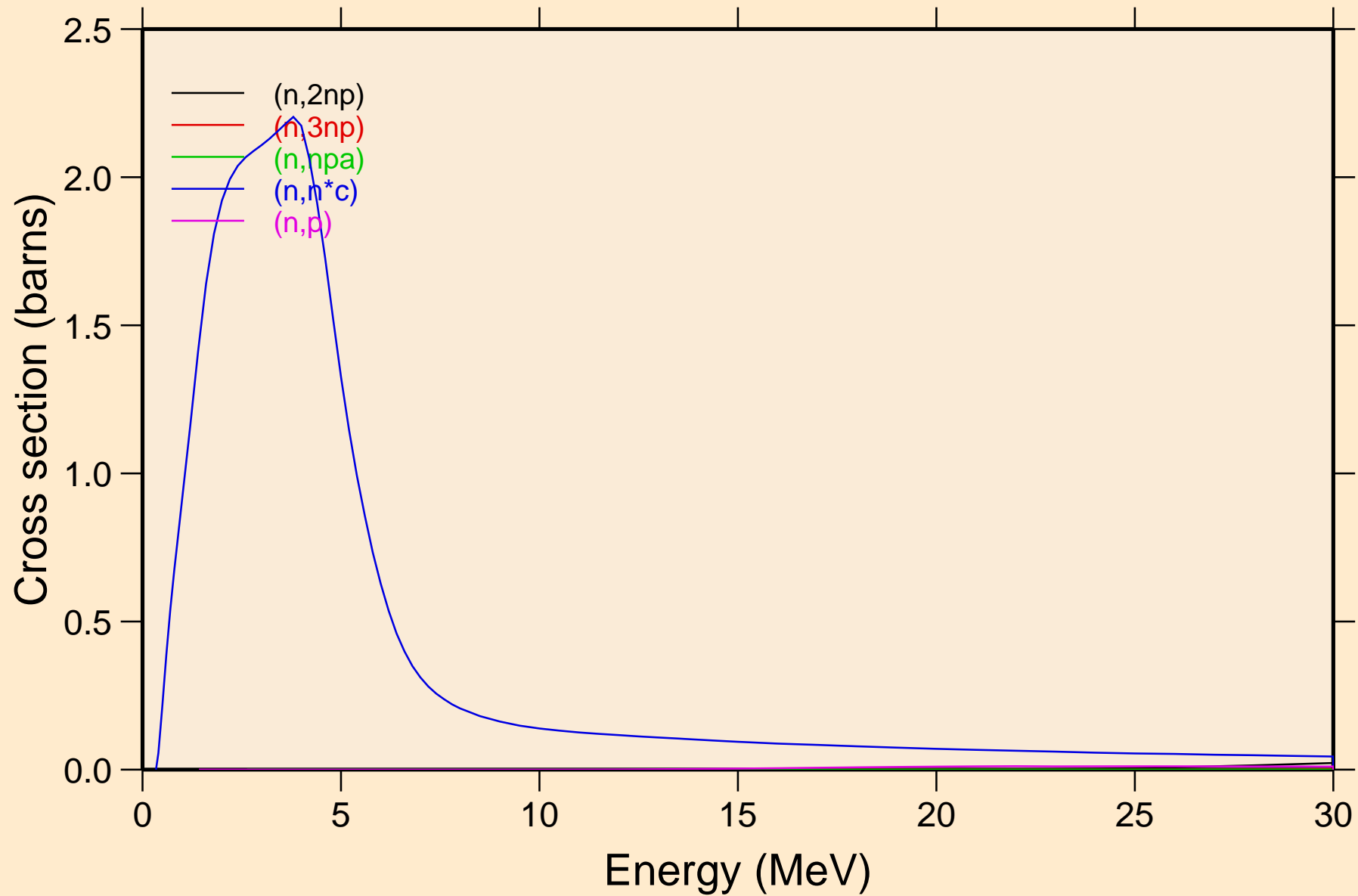
## Threshold reactions



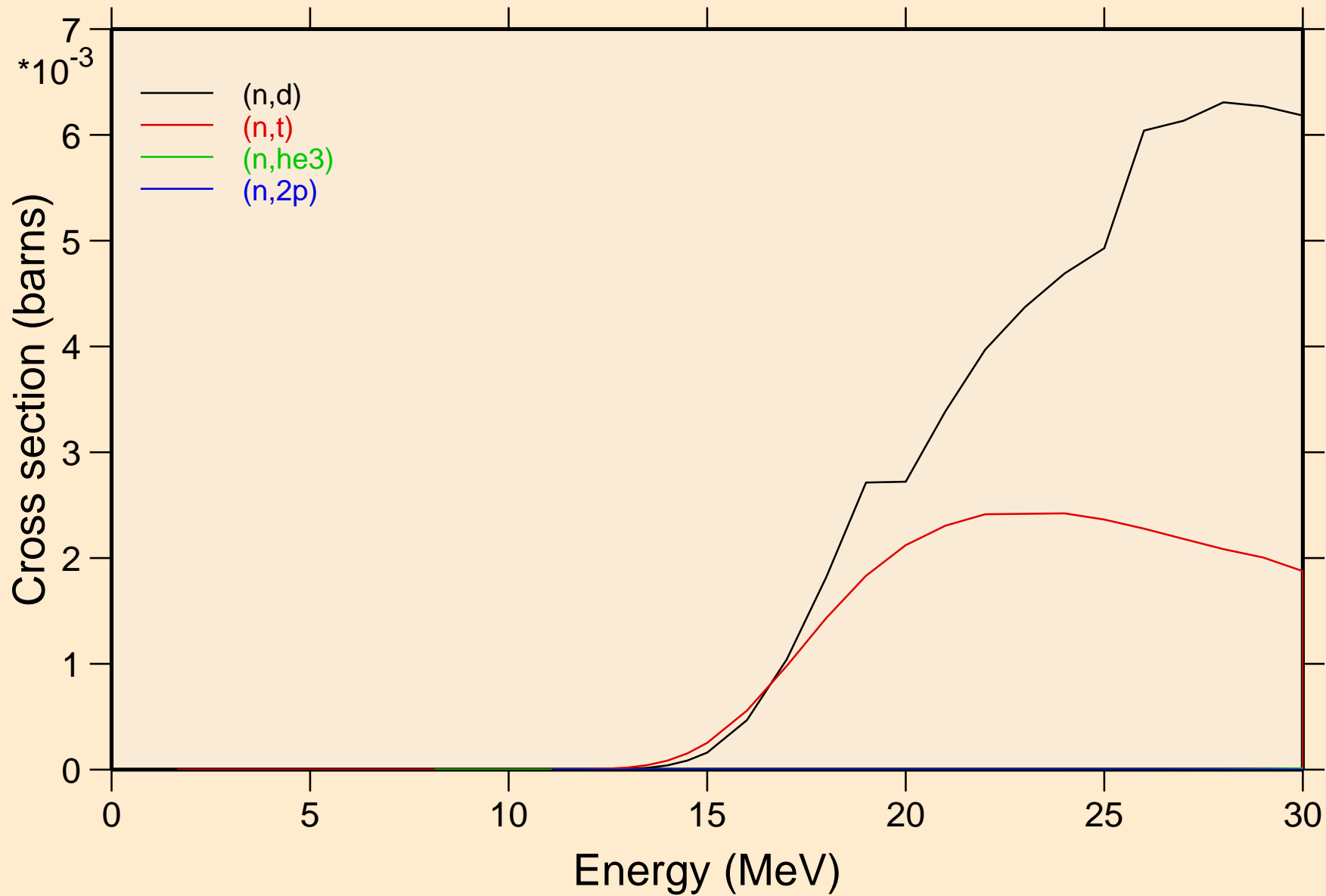
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

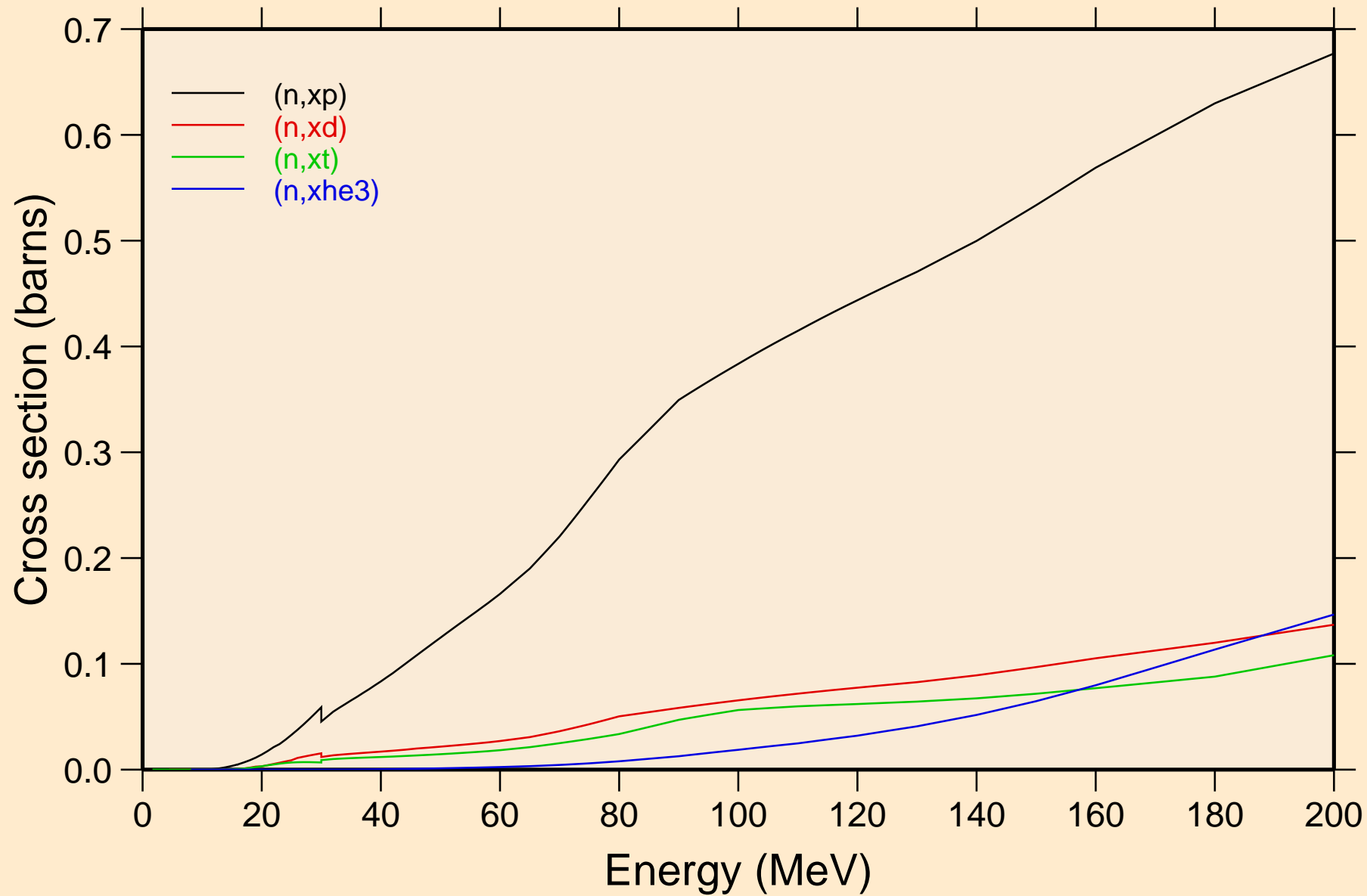


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

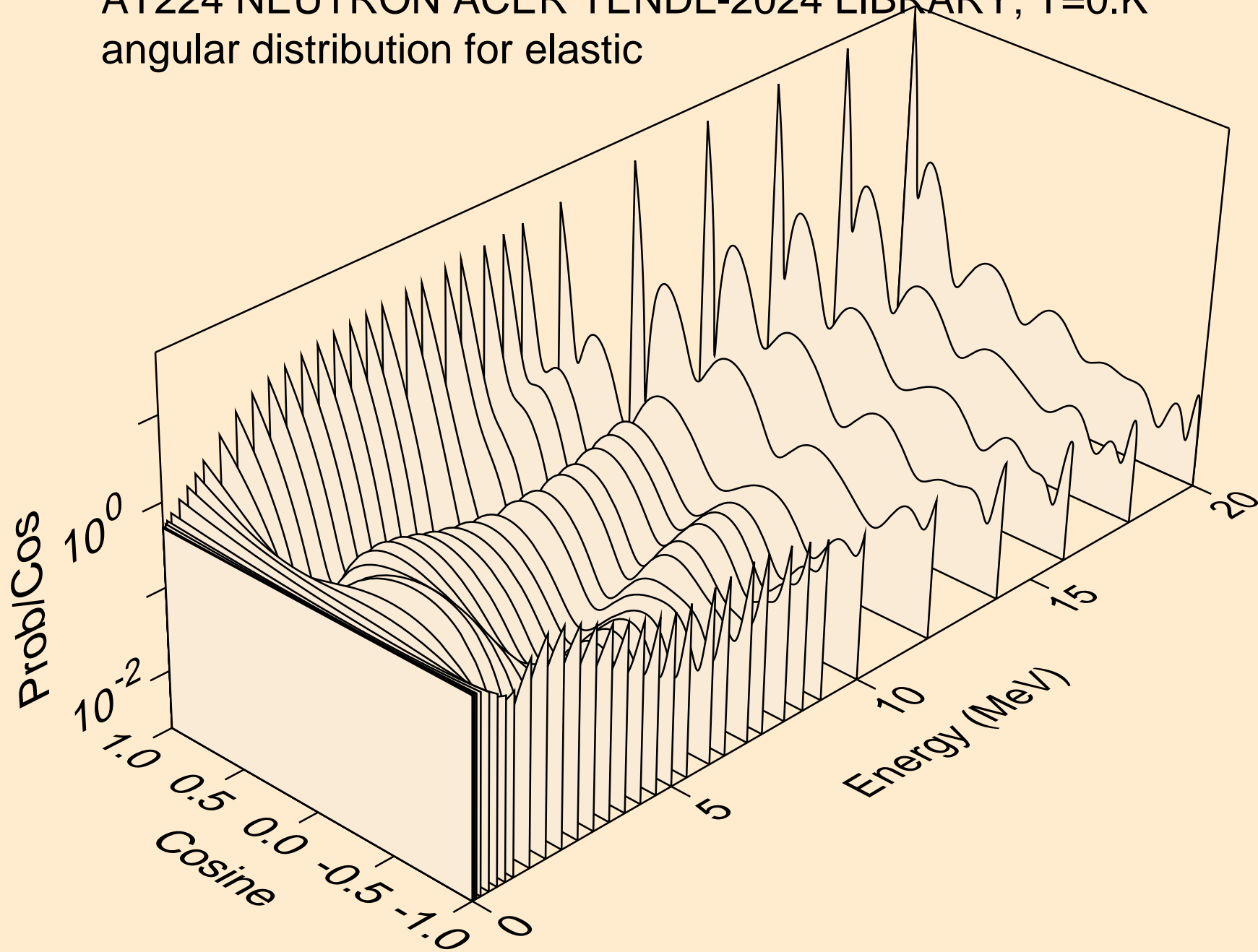


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

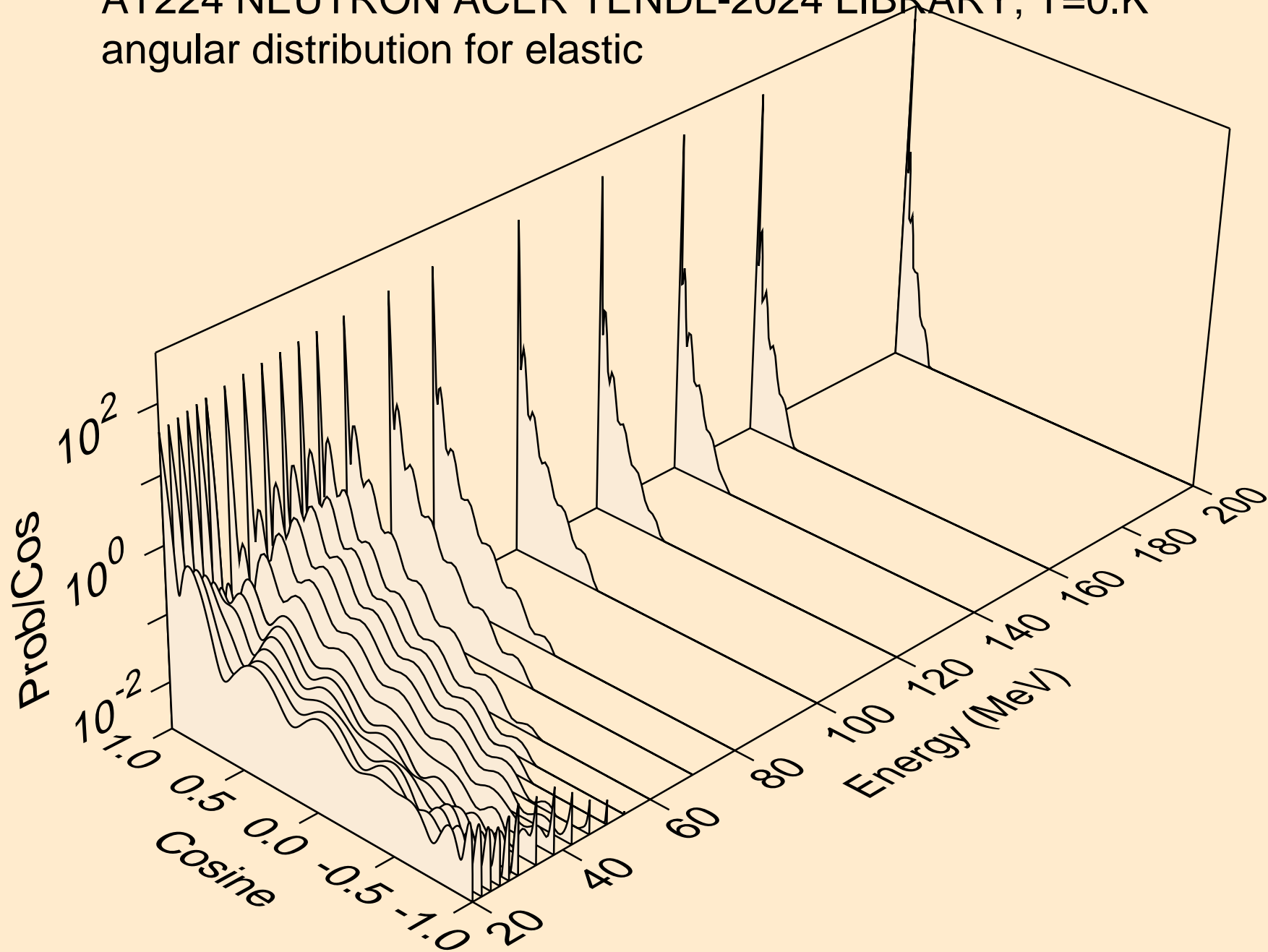
## Threshold reactions



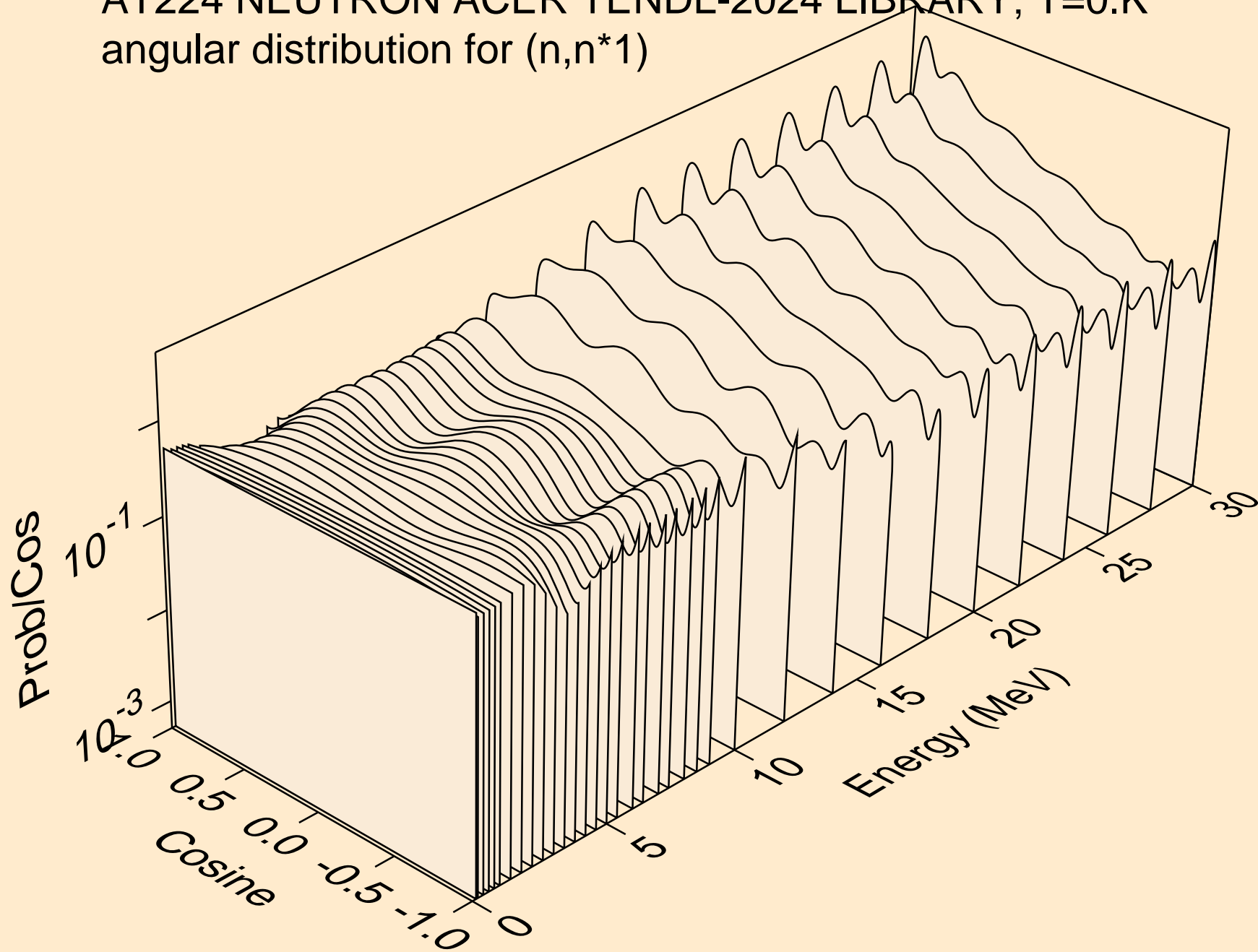
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

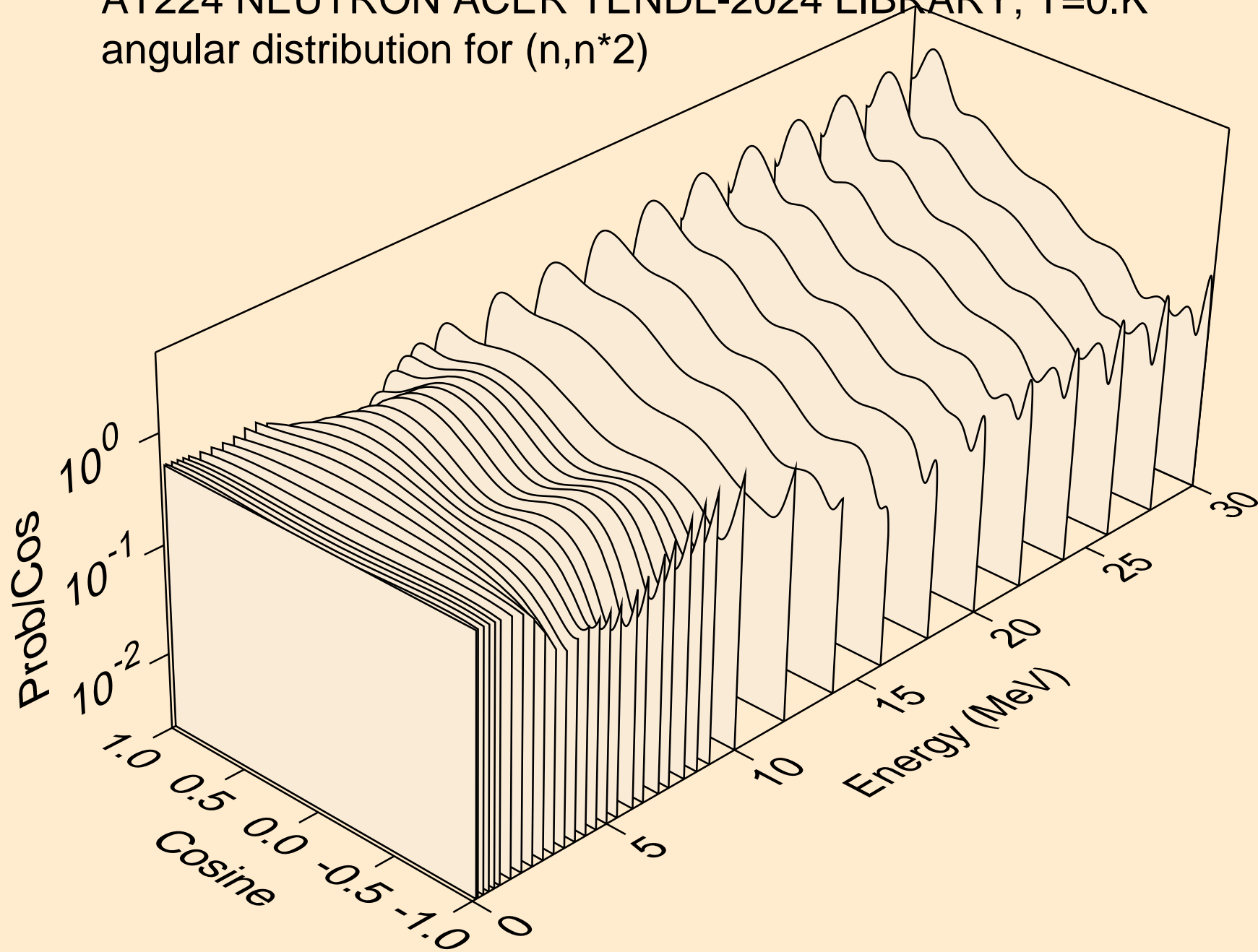


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

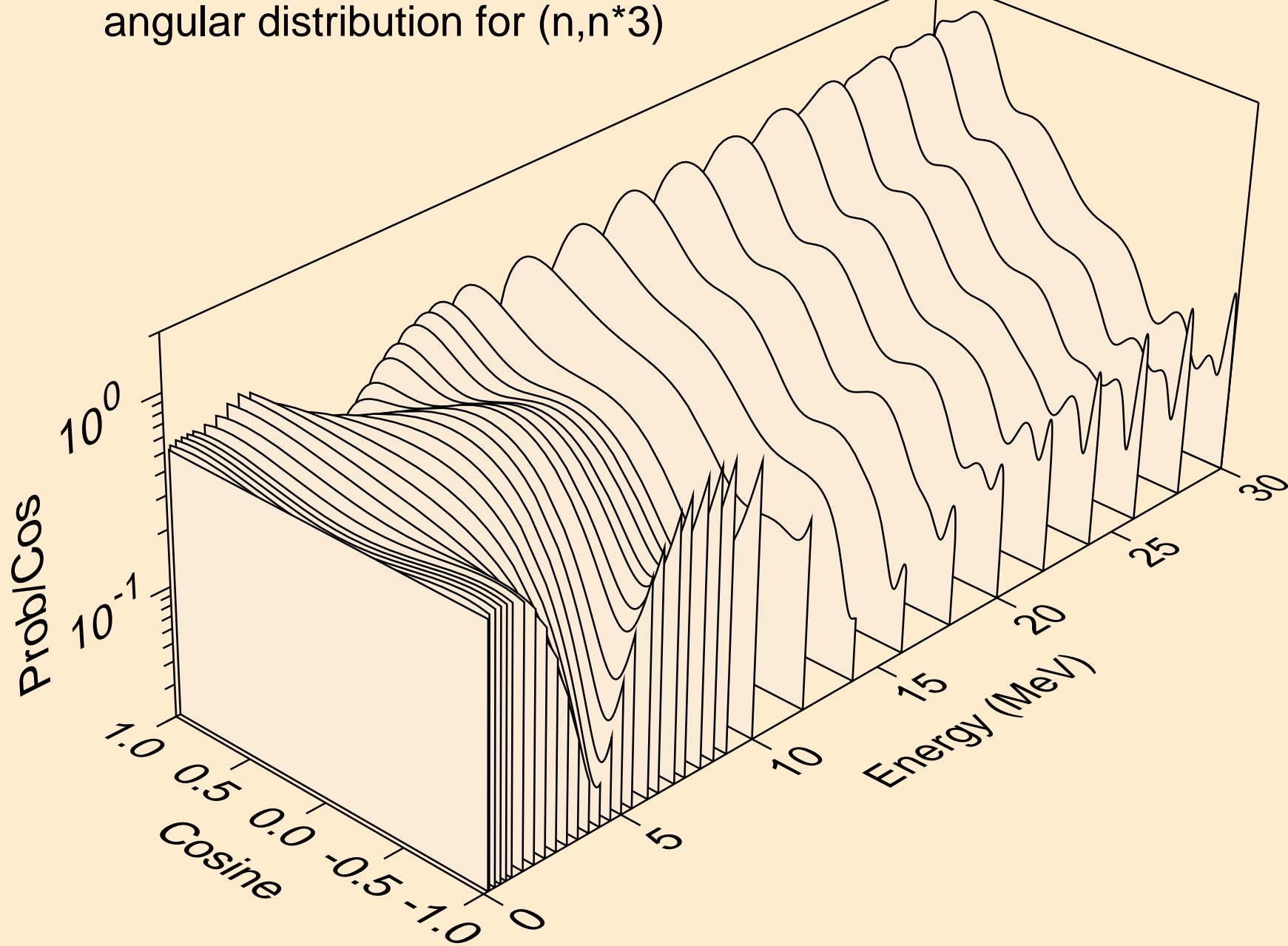




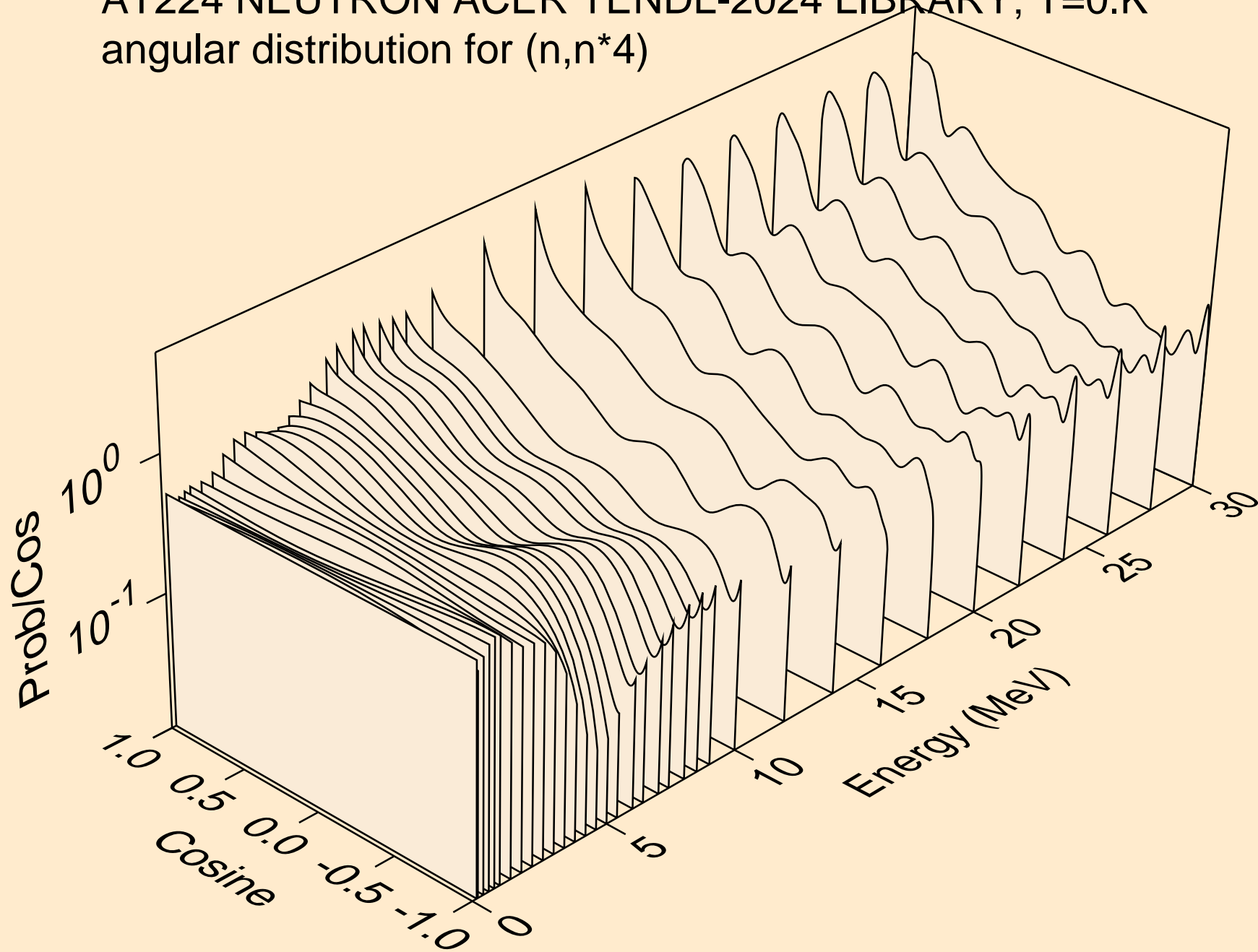
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



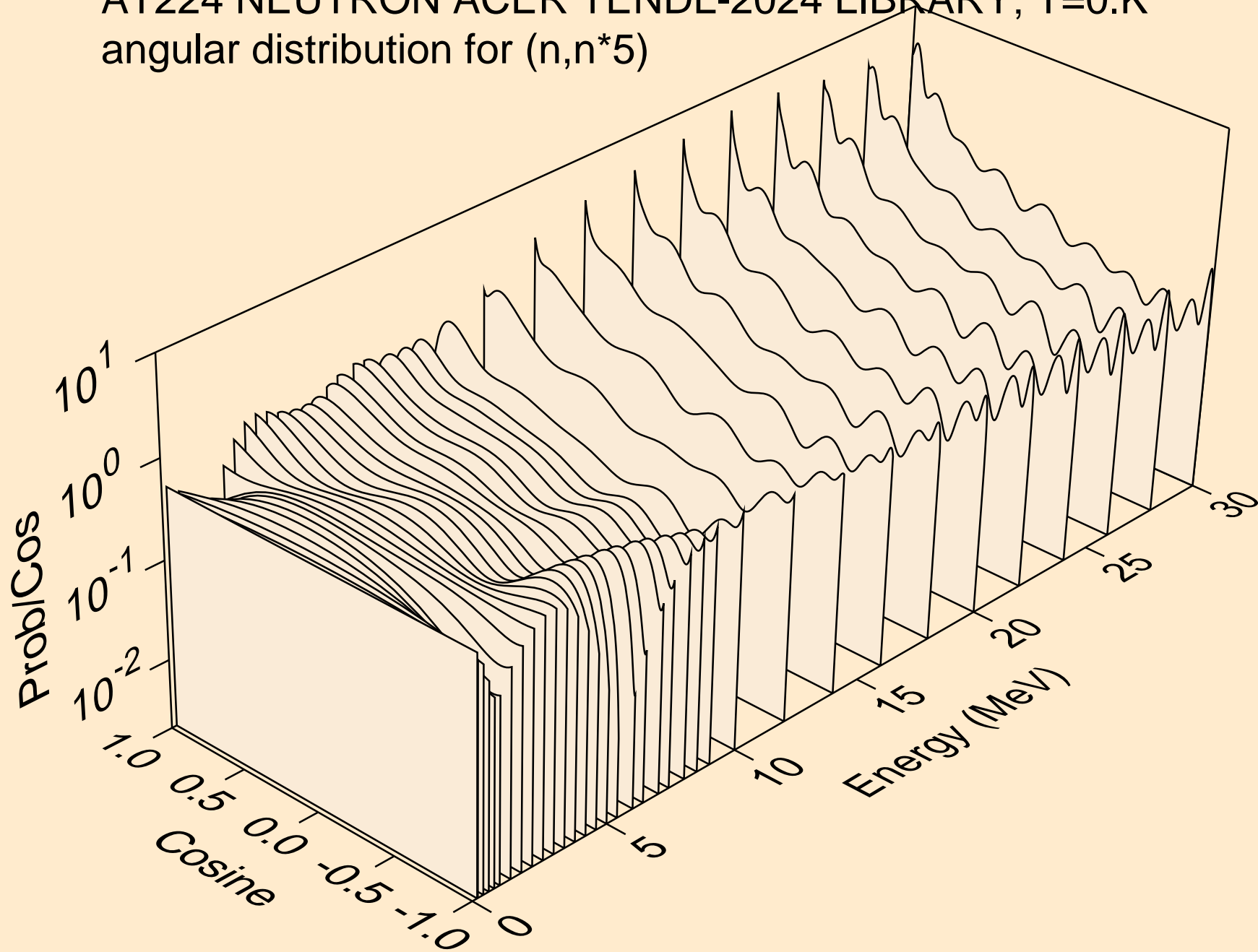
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



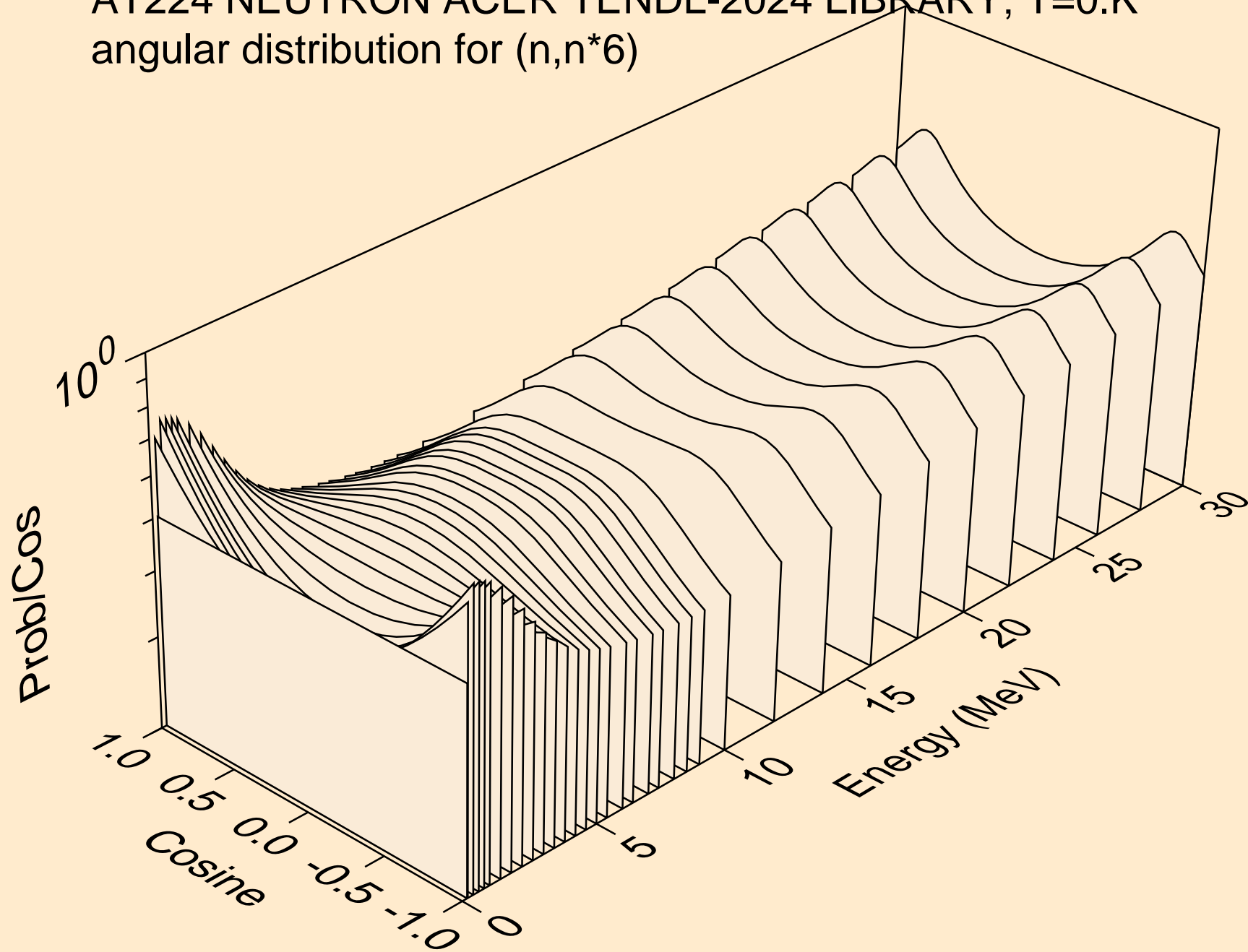
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



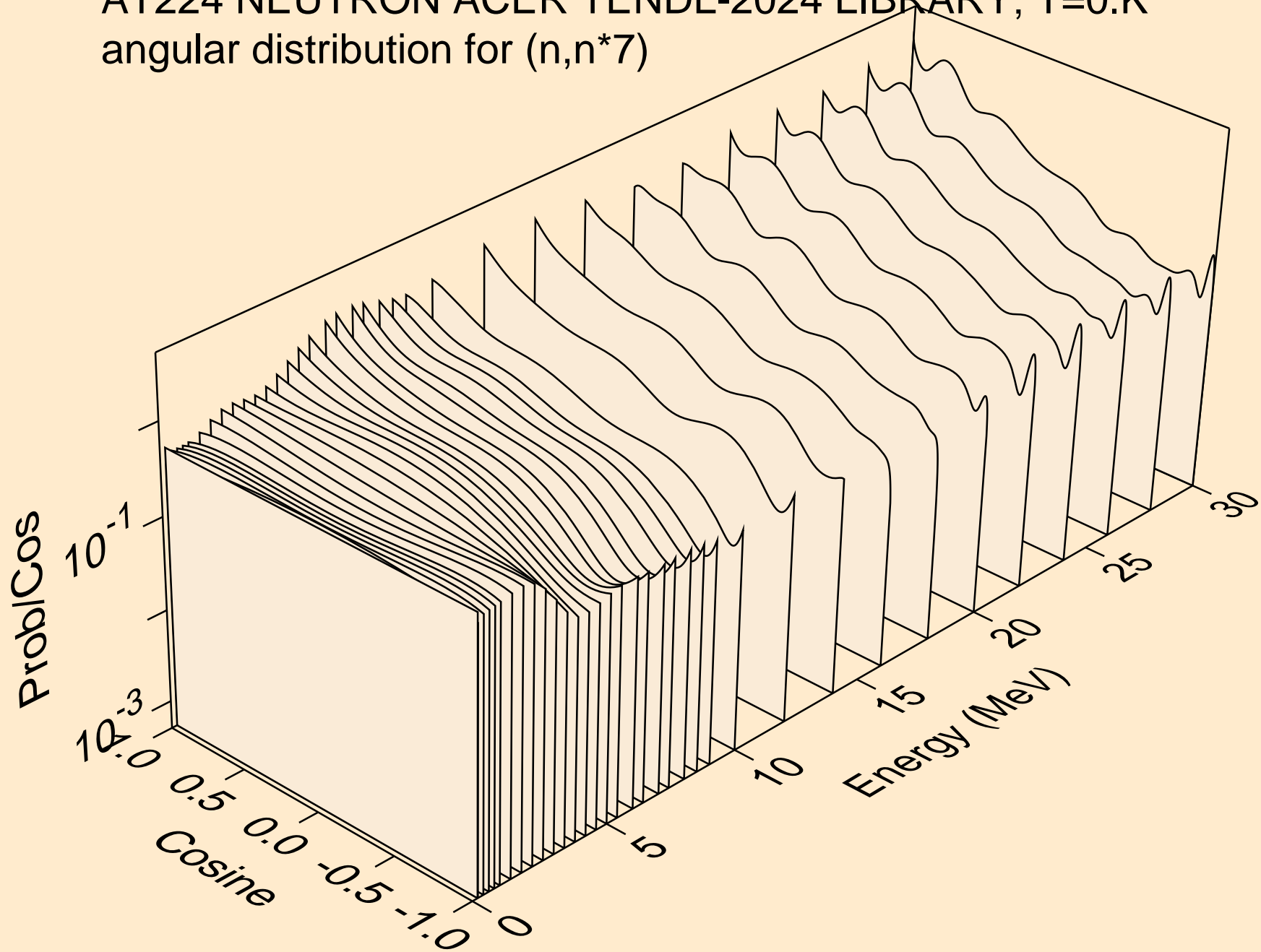
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



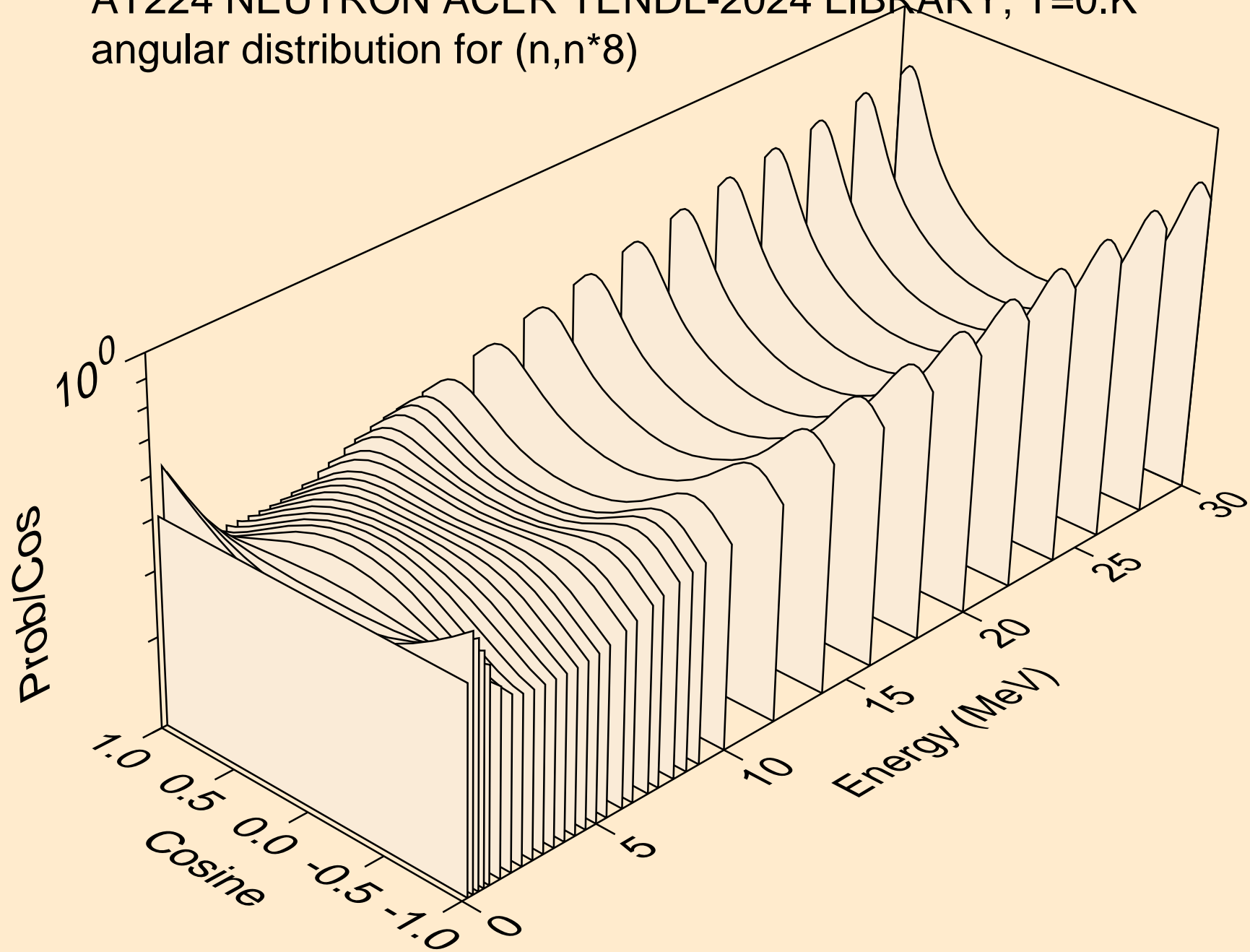
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



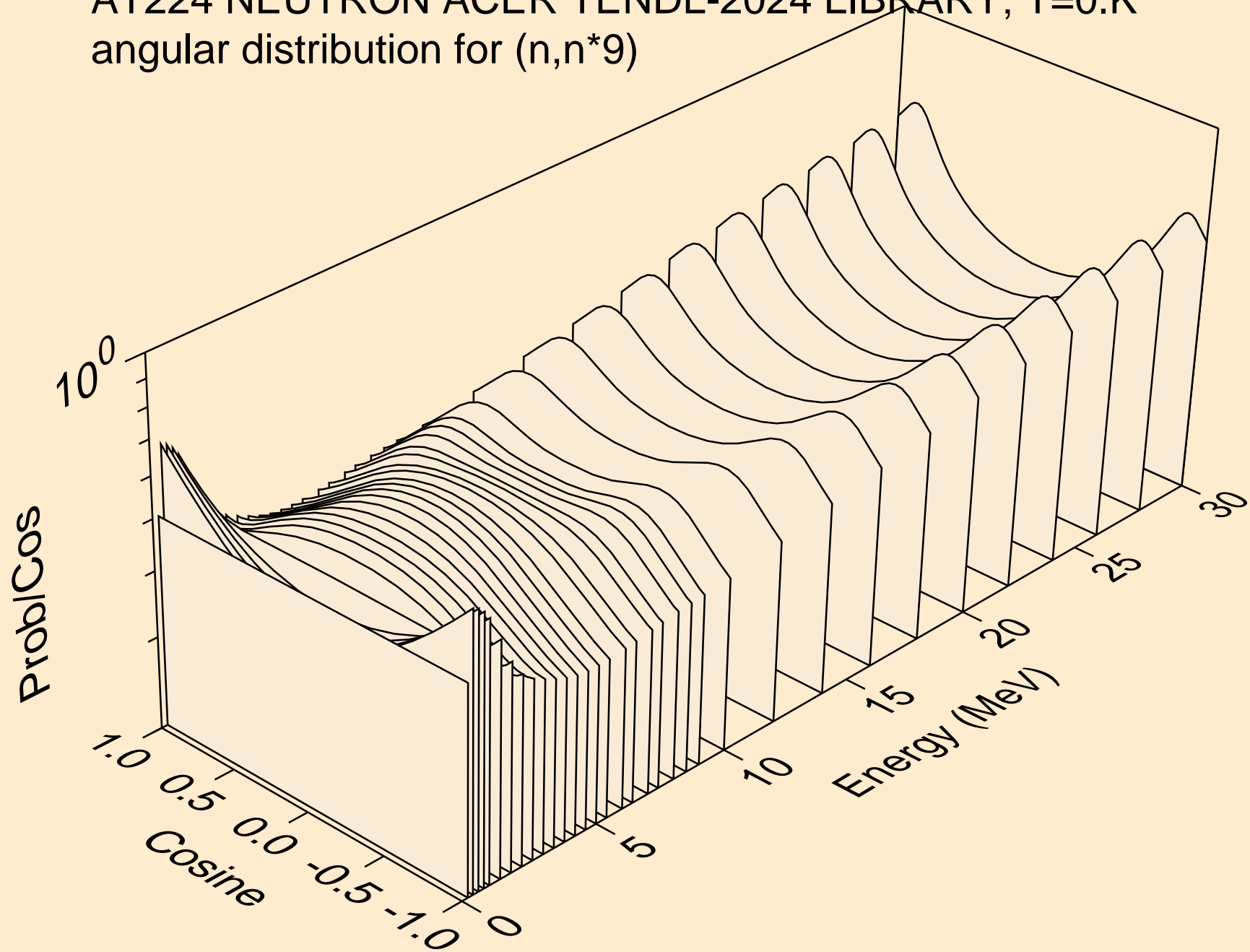
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

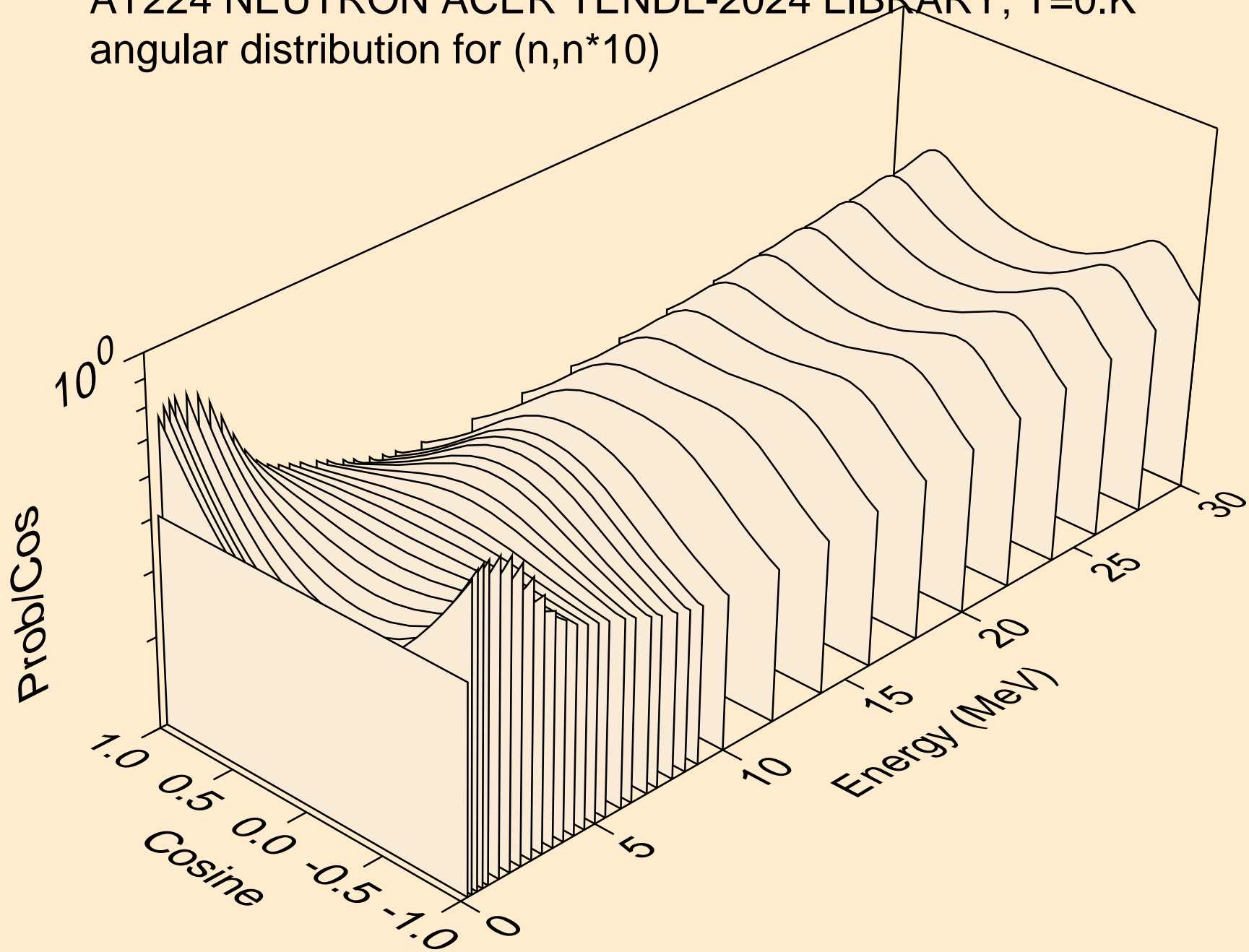


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

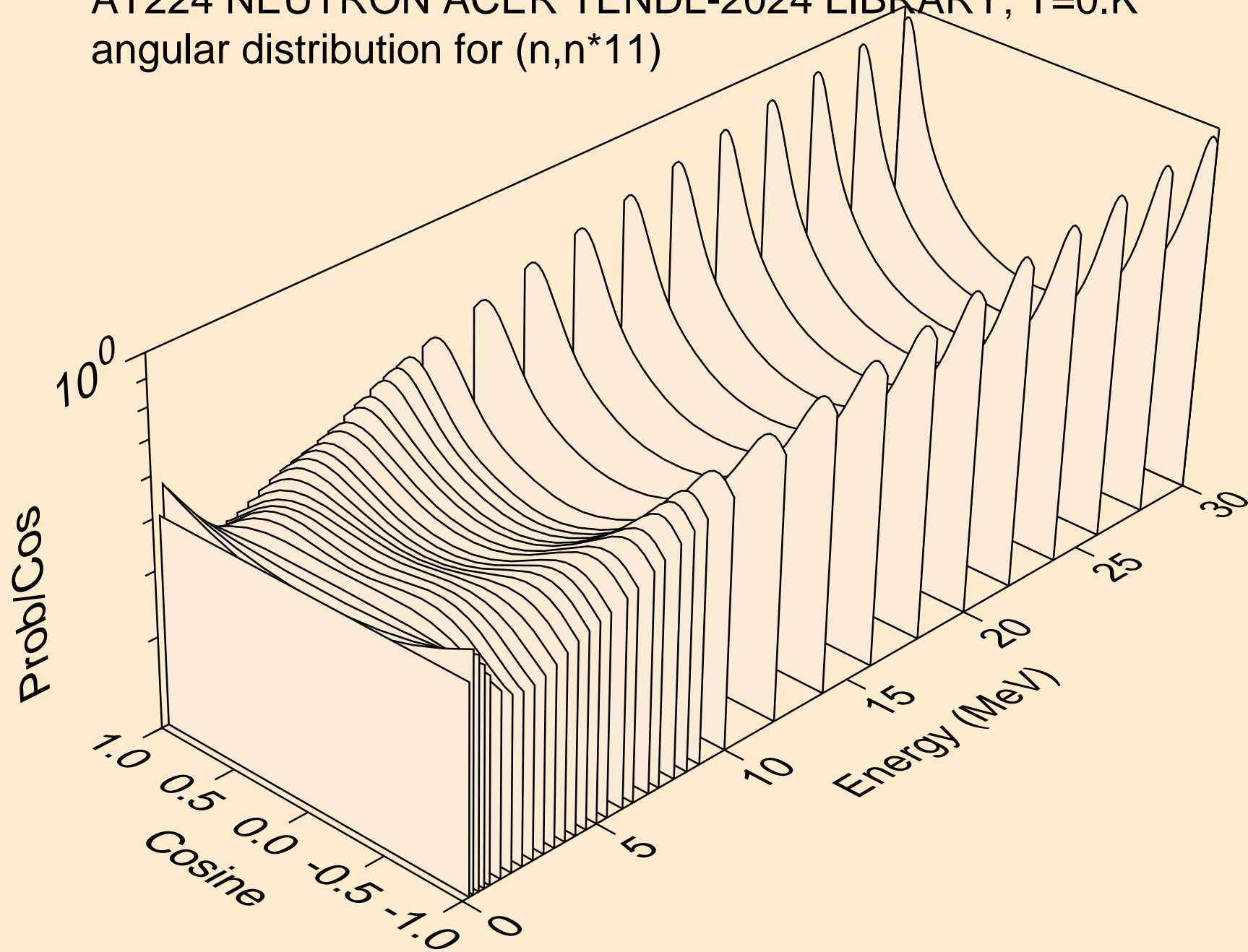




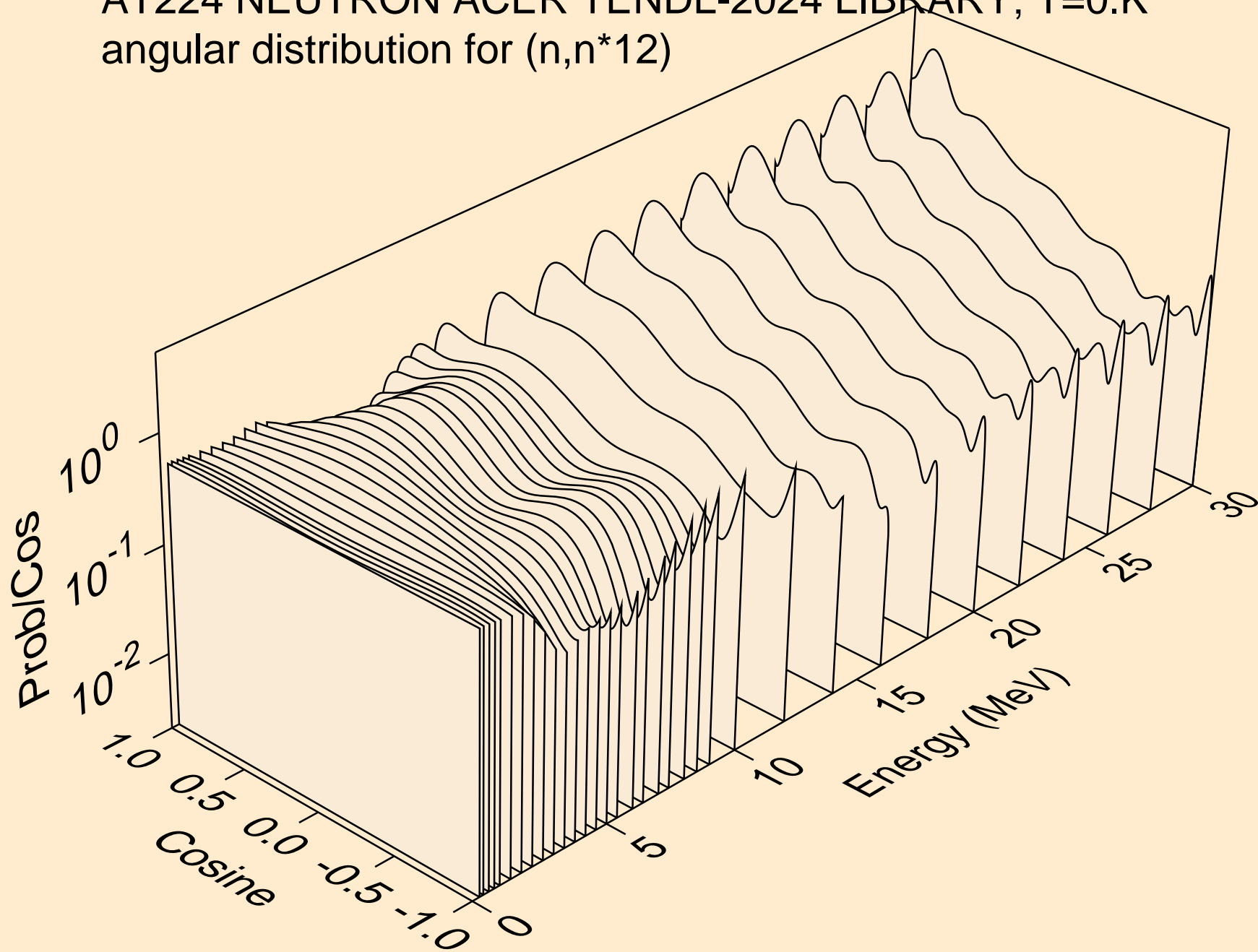
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



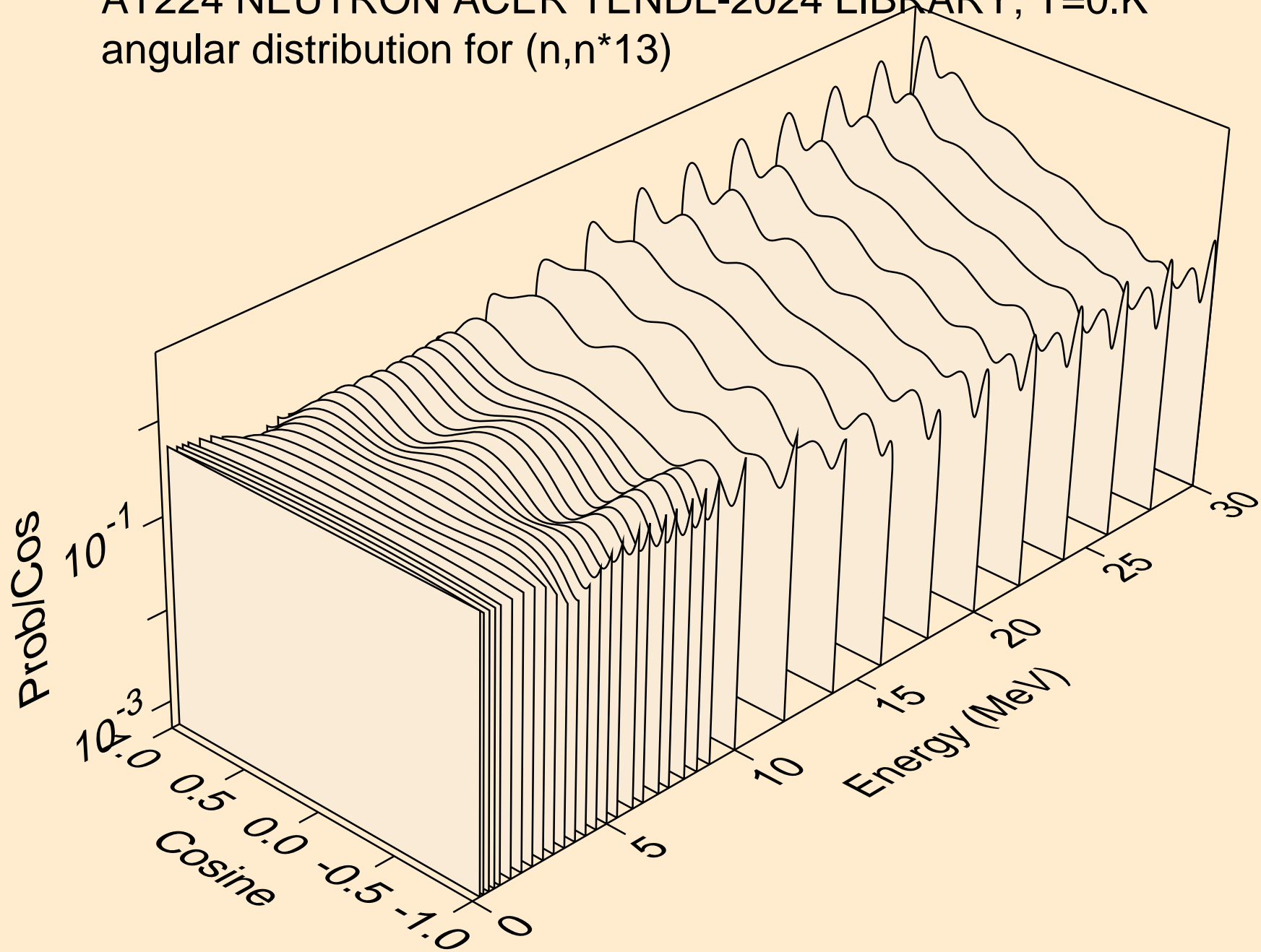
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



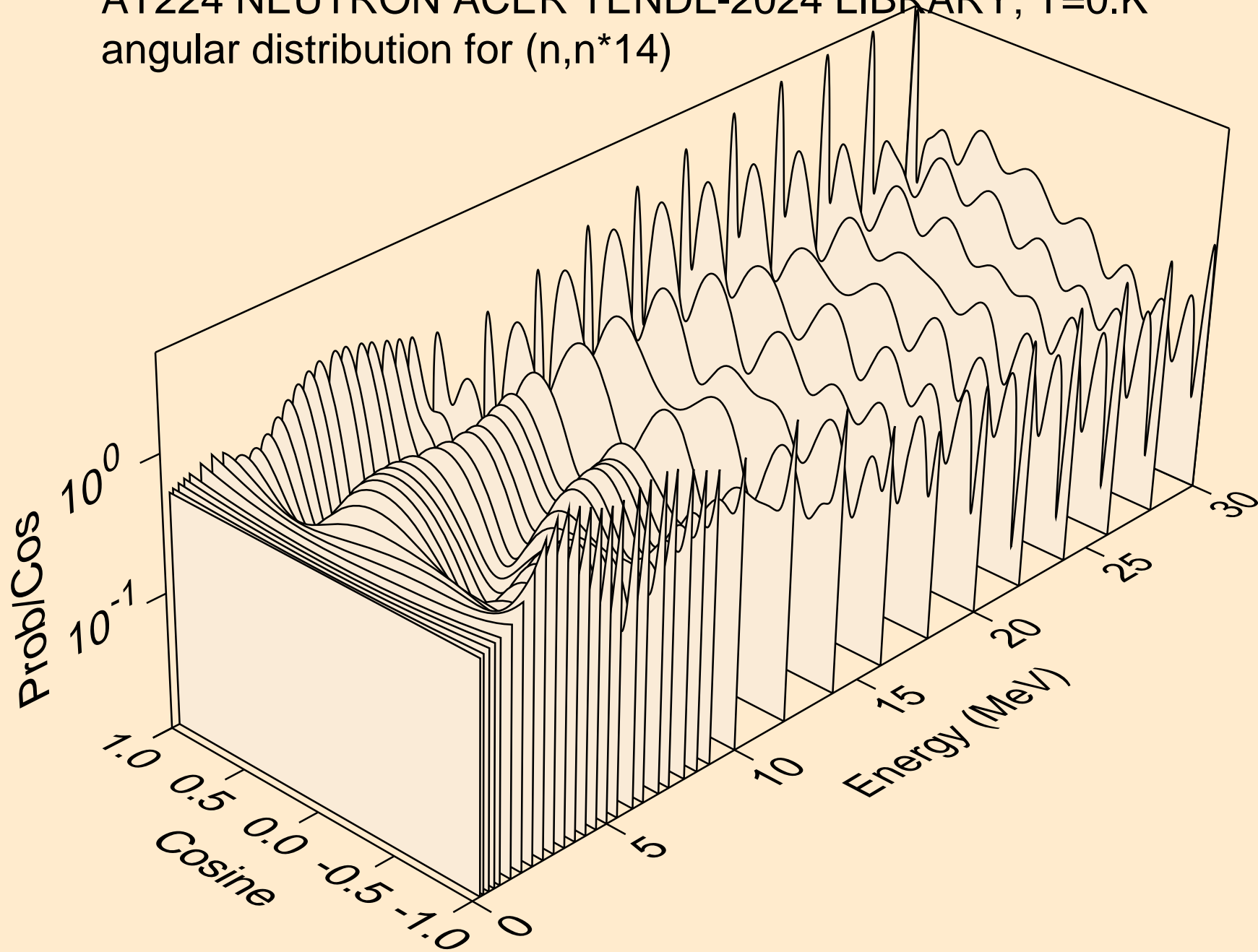
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



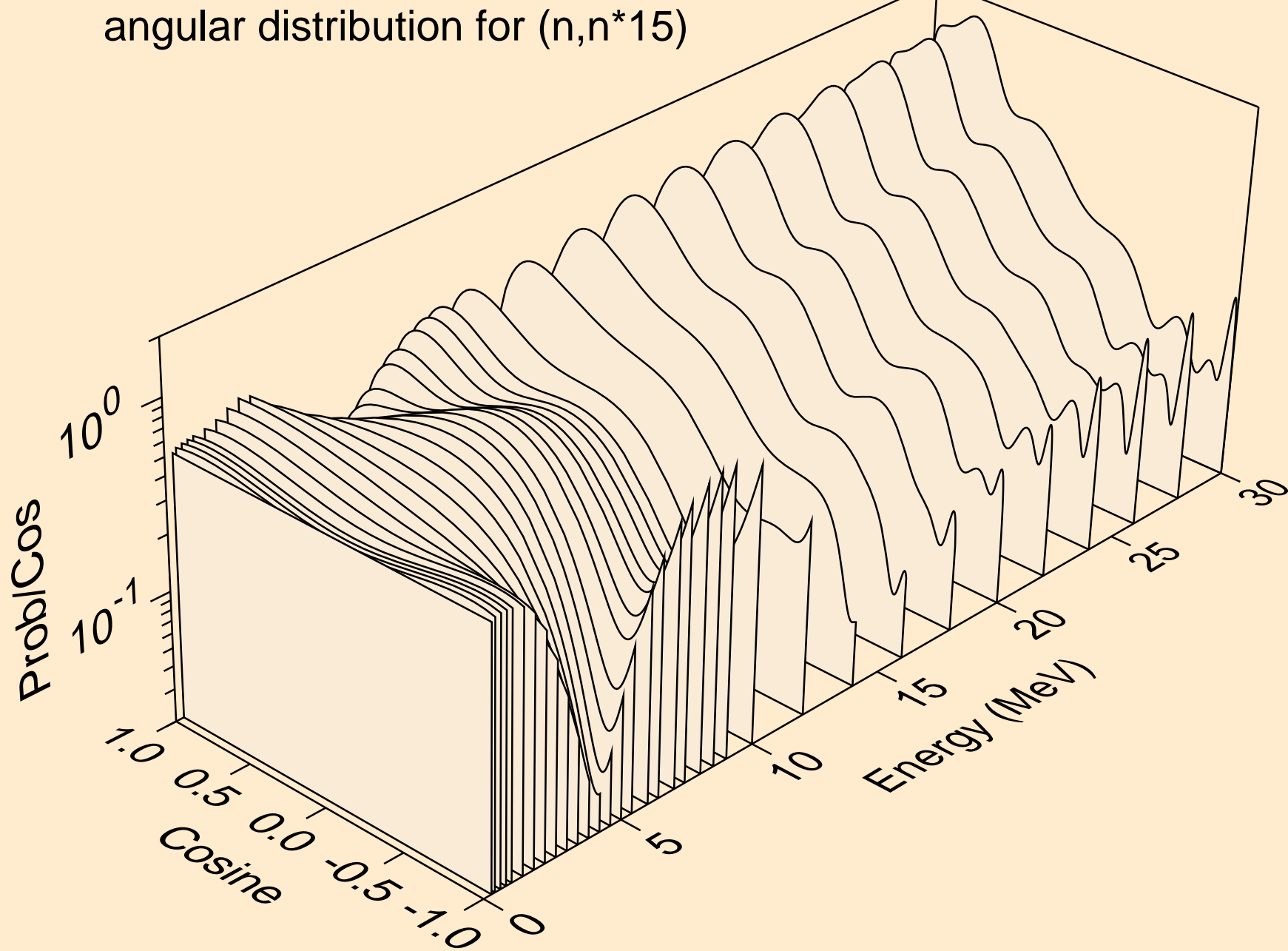
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



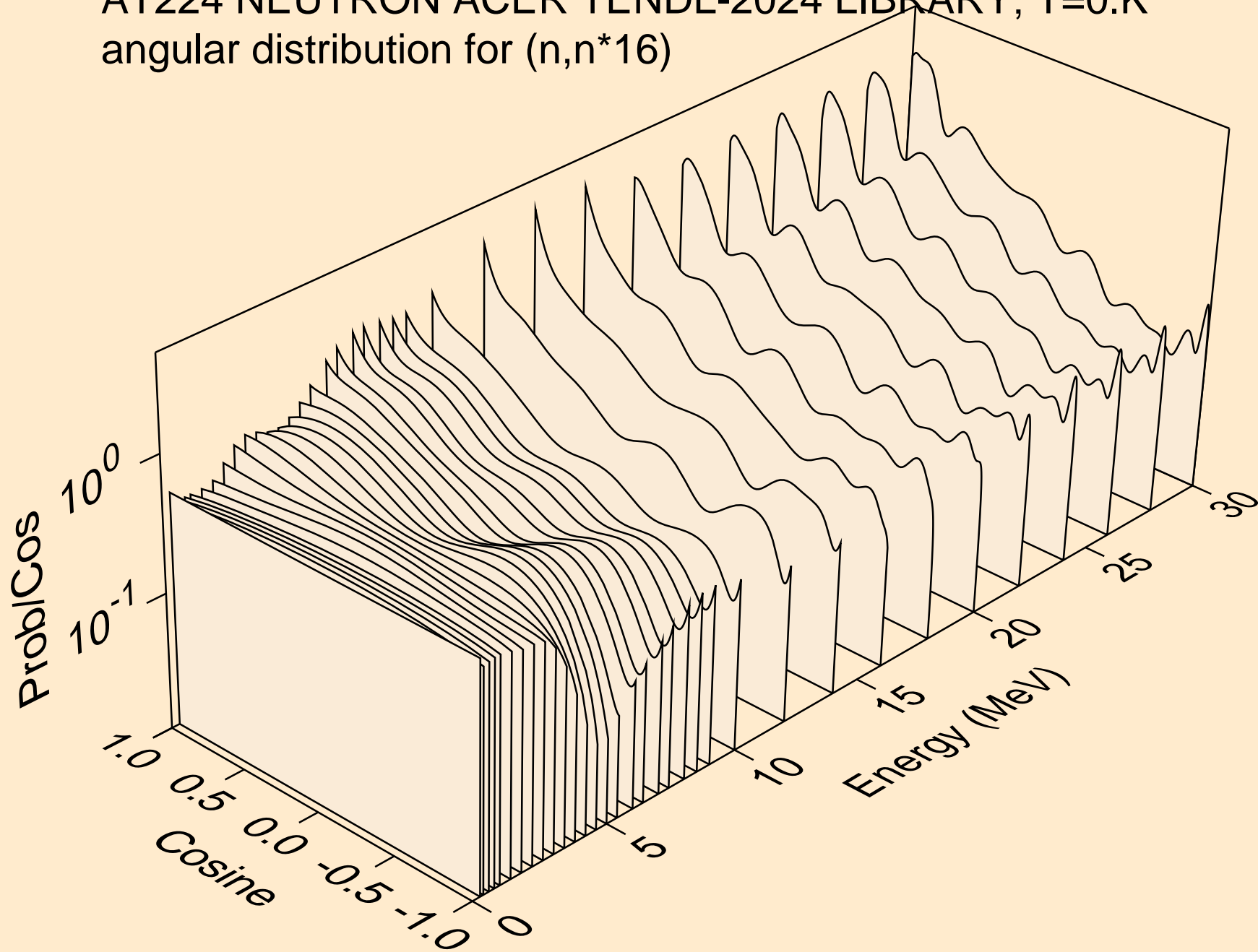
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angular distribution for (n,n\*14)



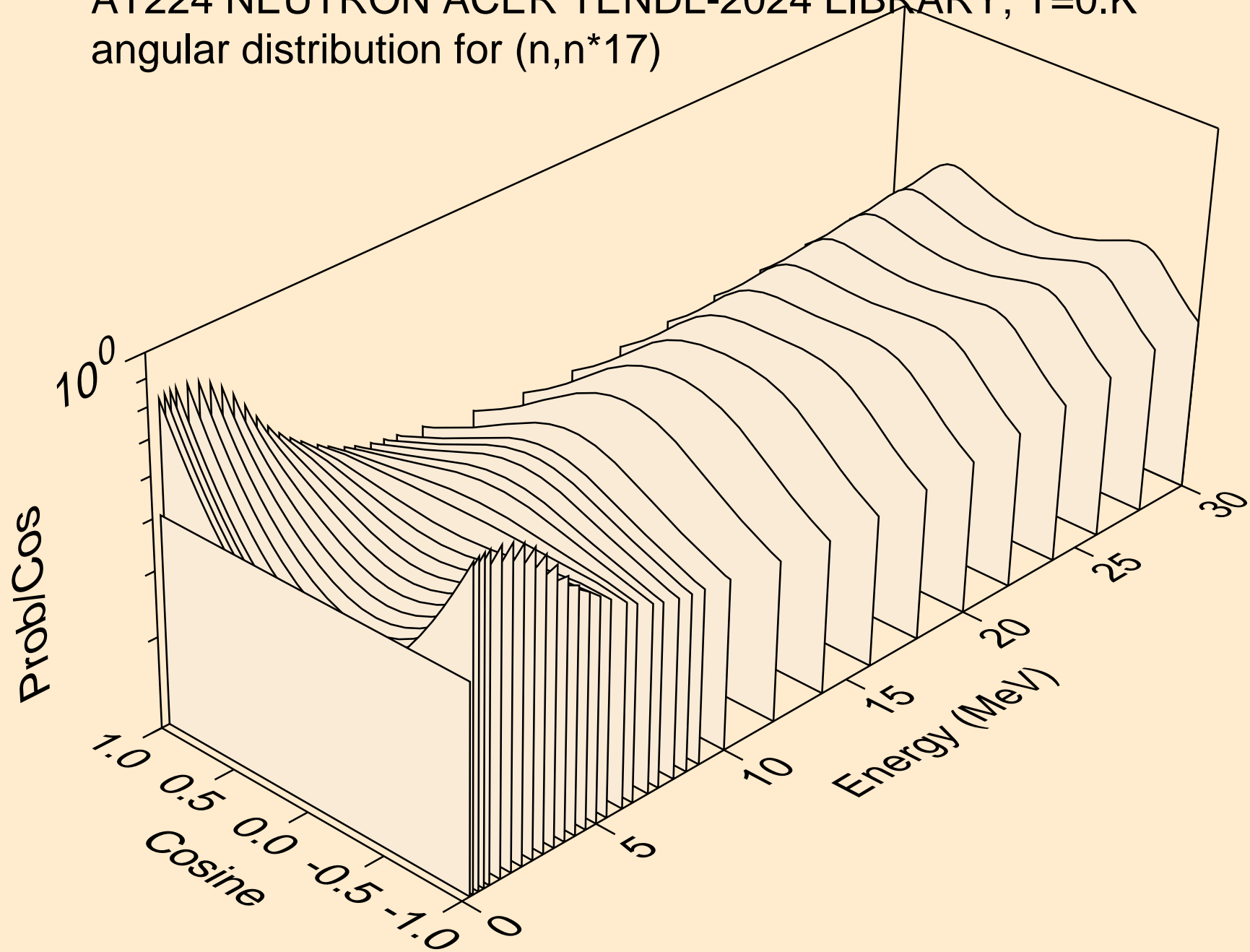
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

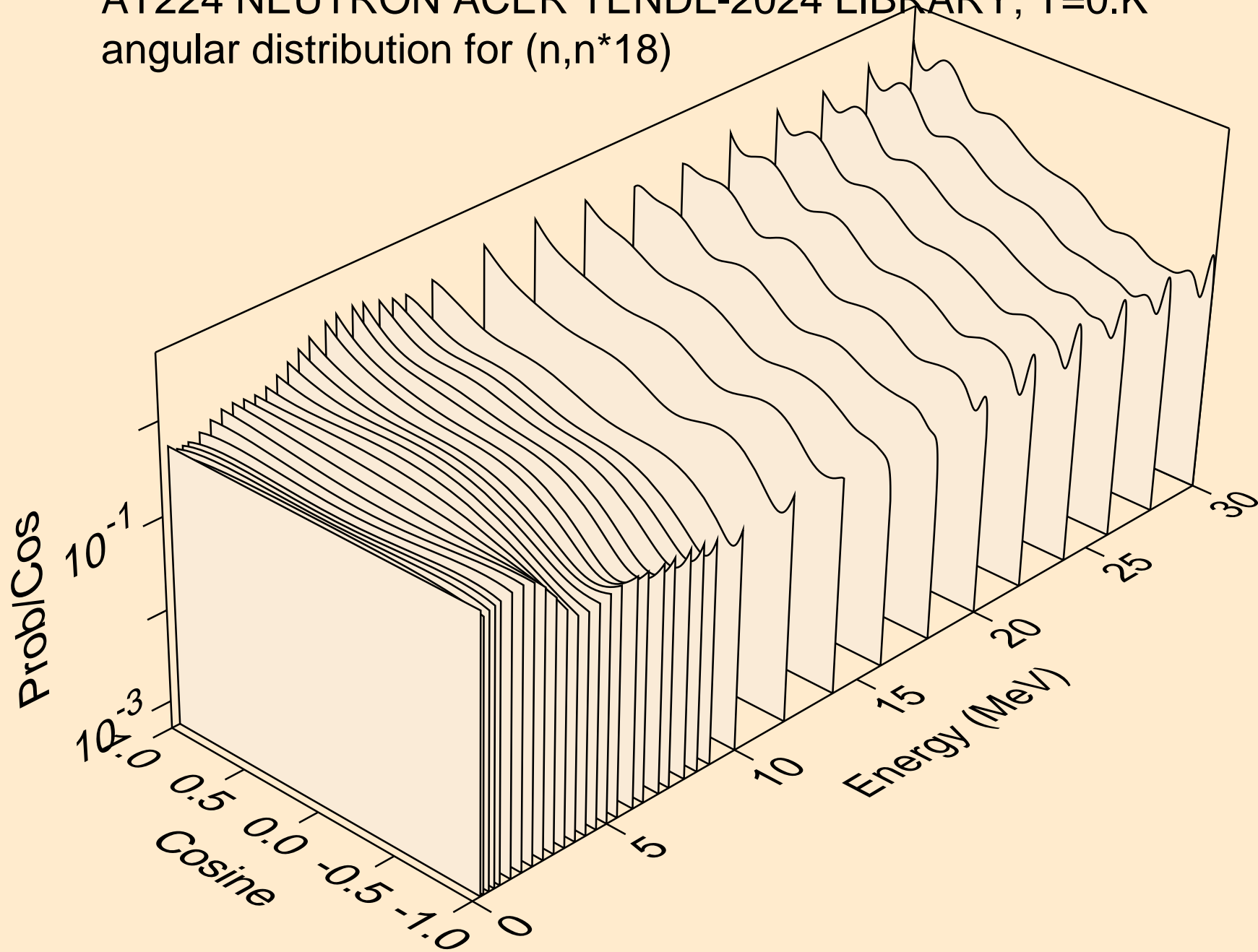


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

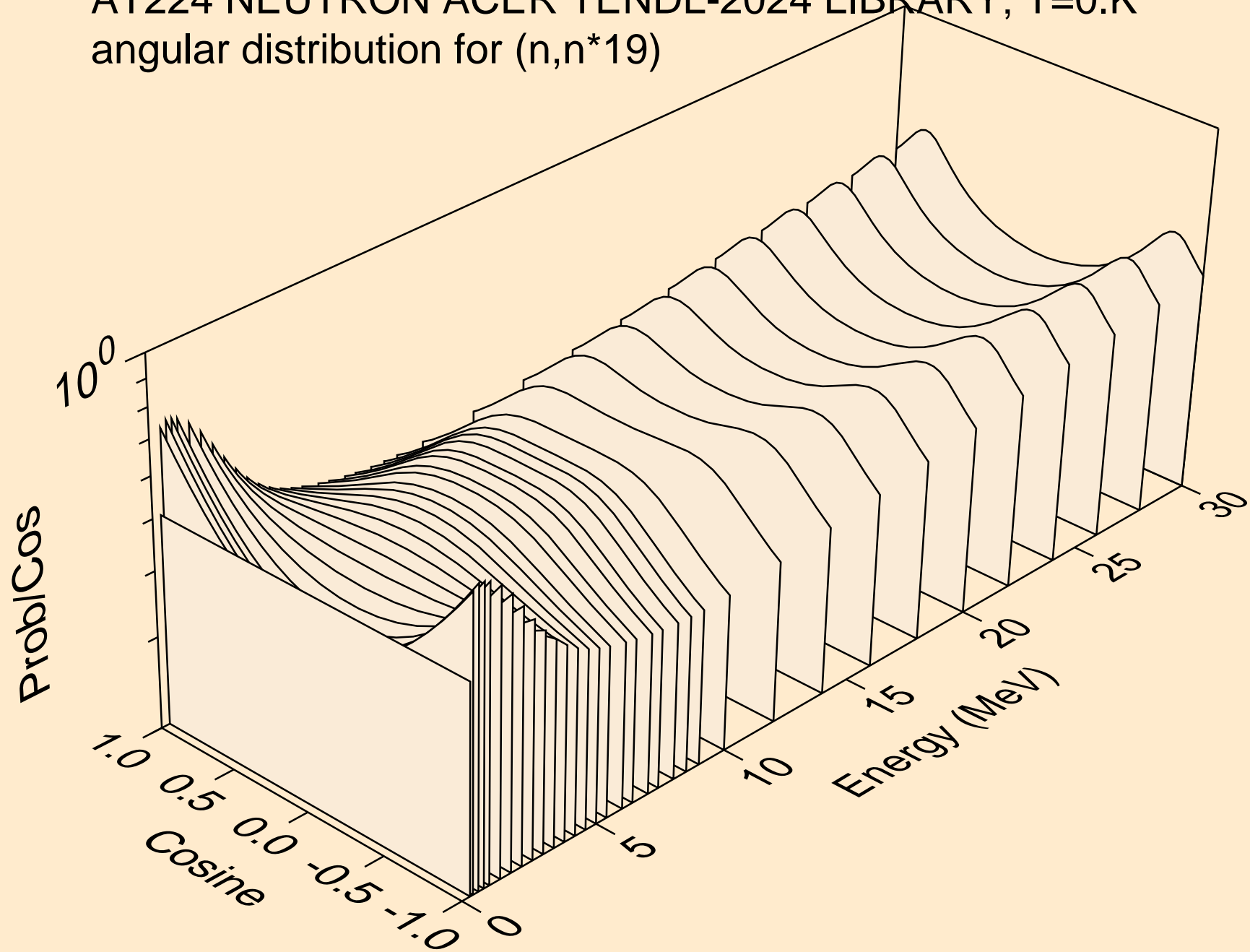




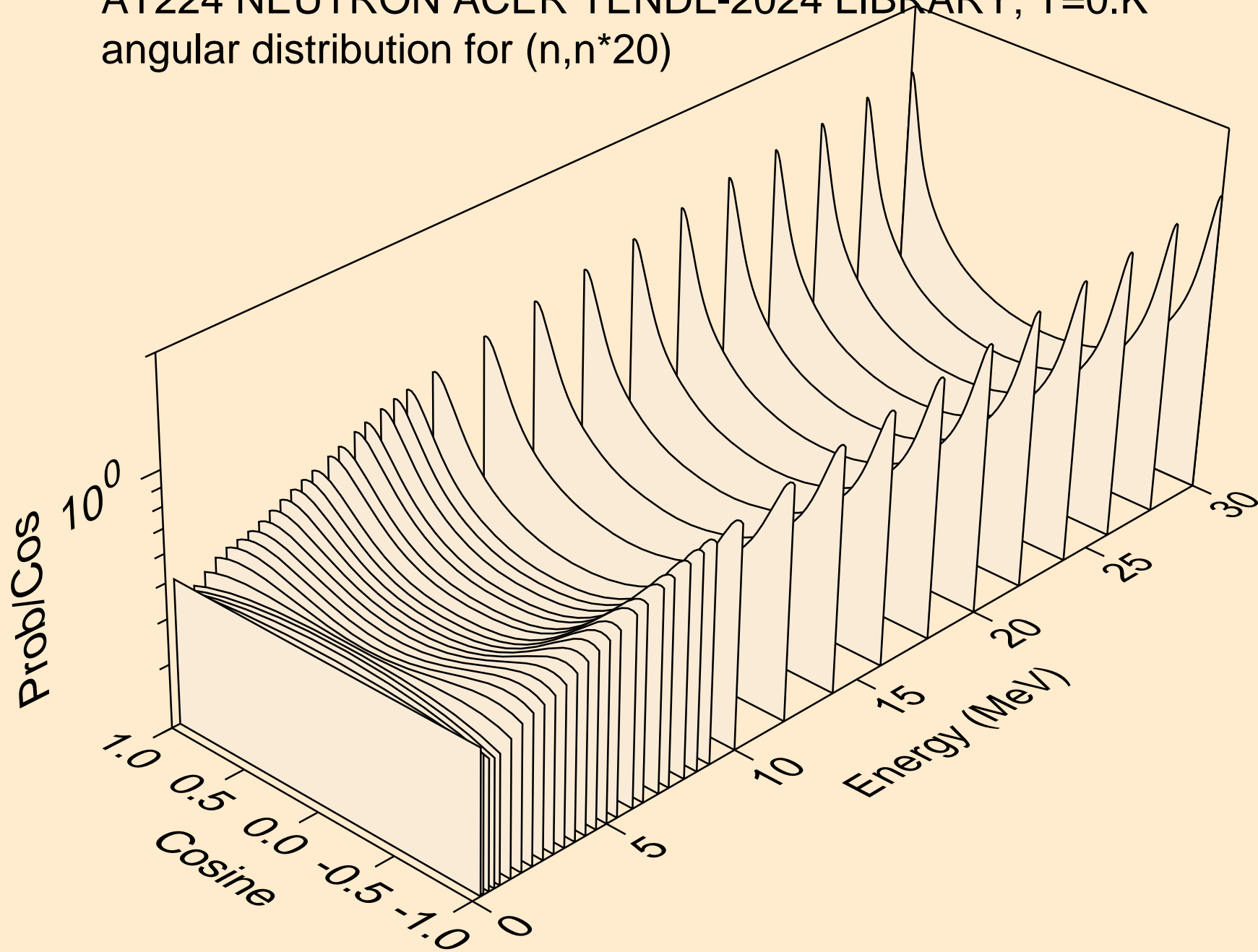
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



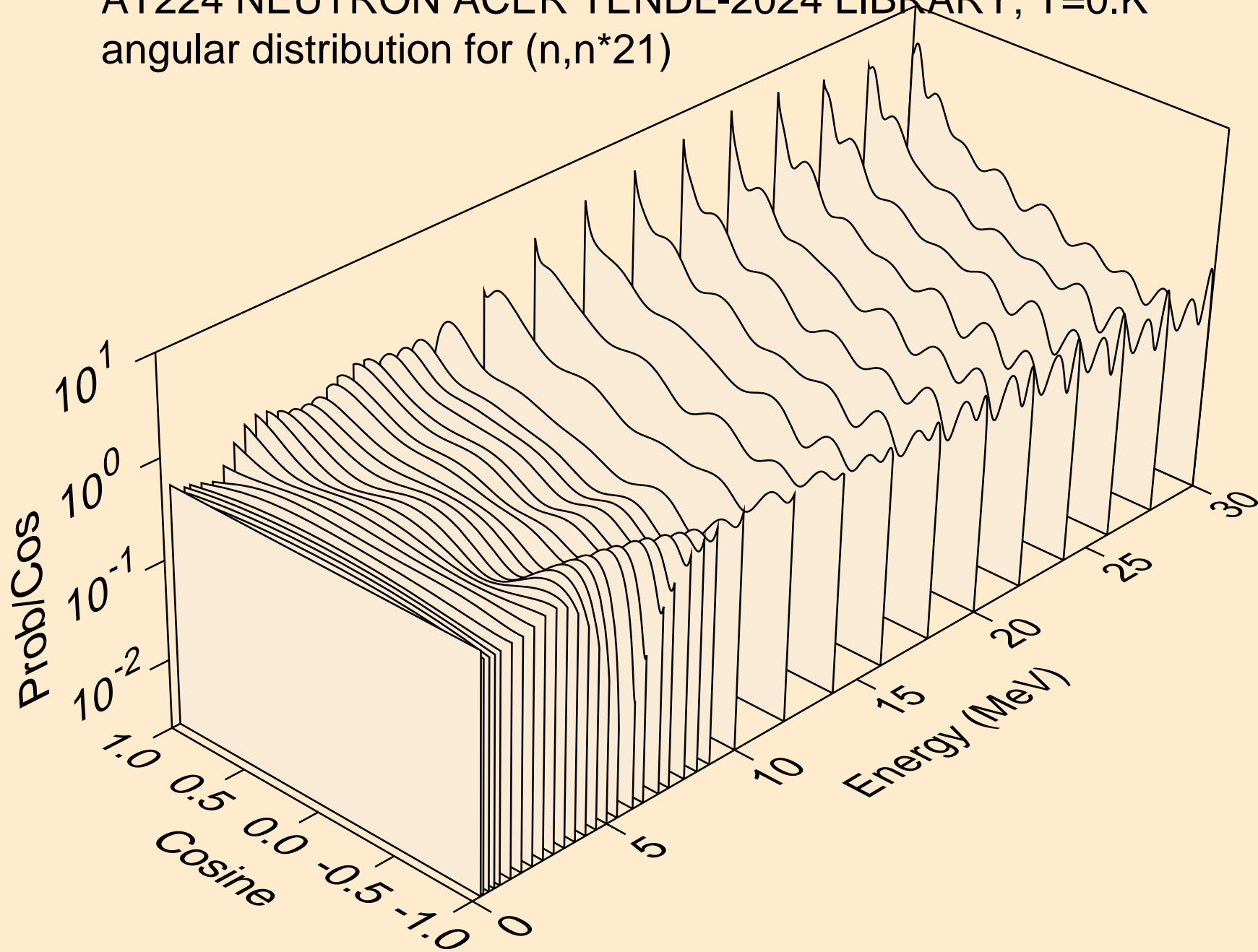
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



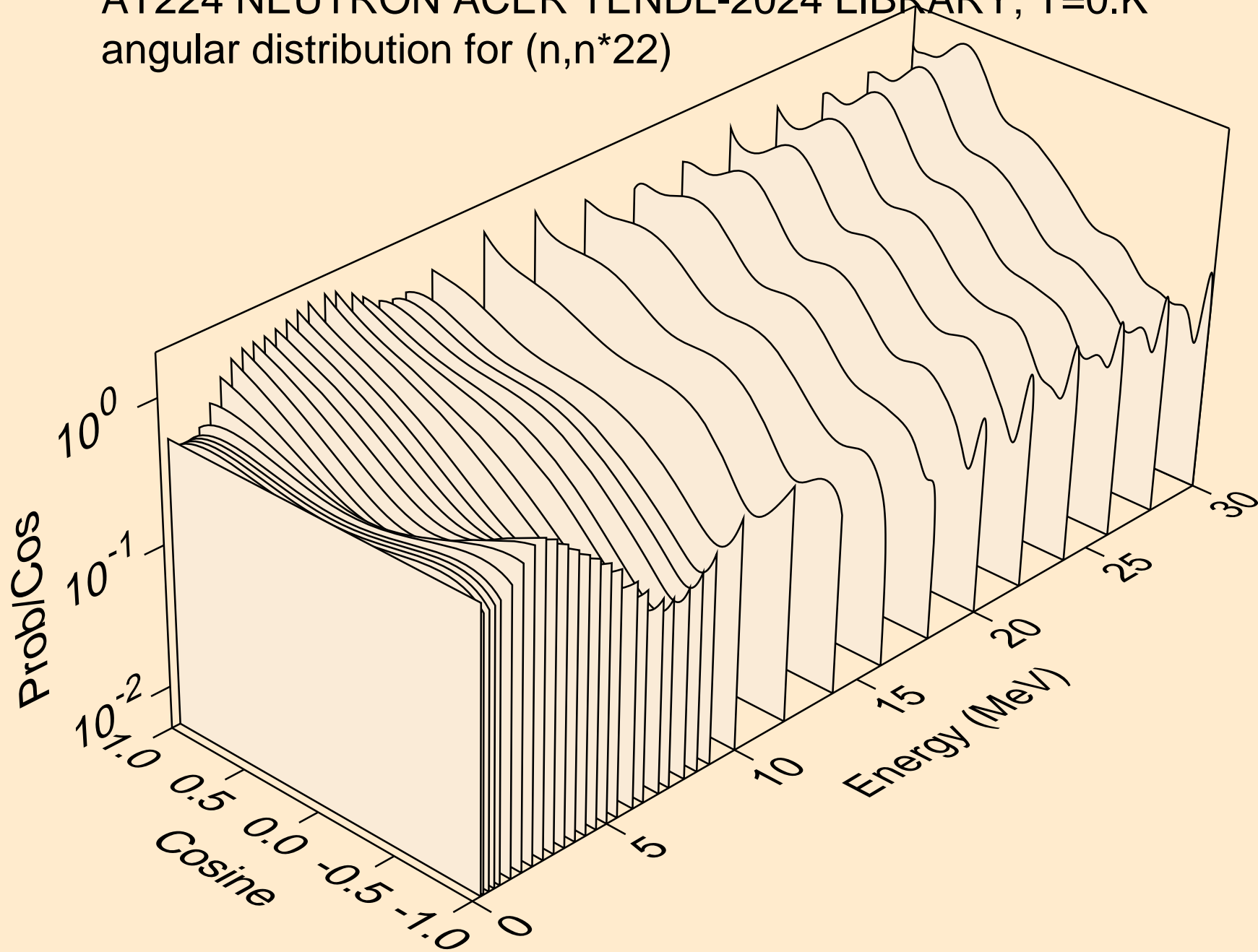
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



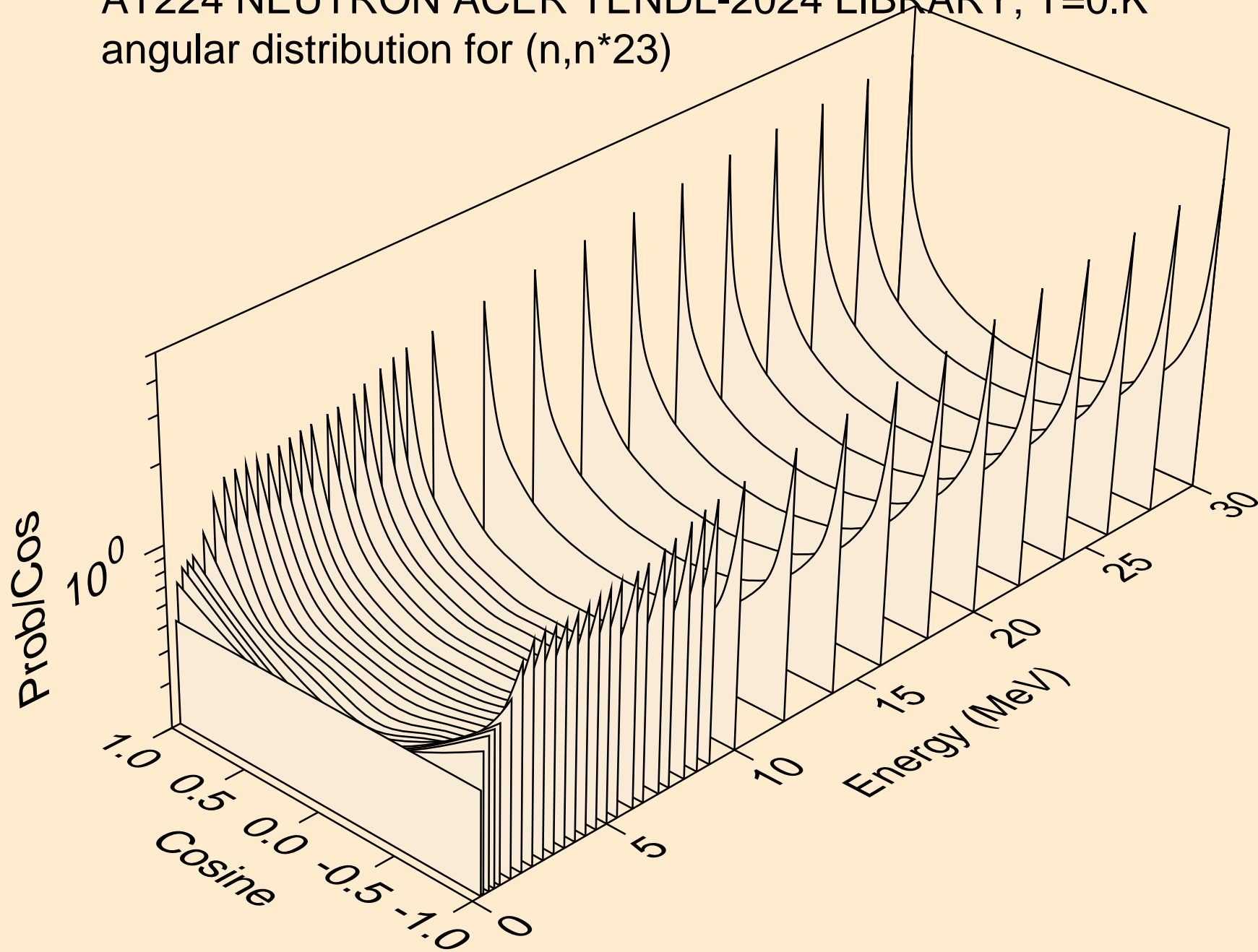
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



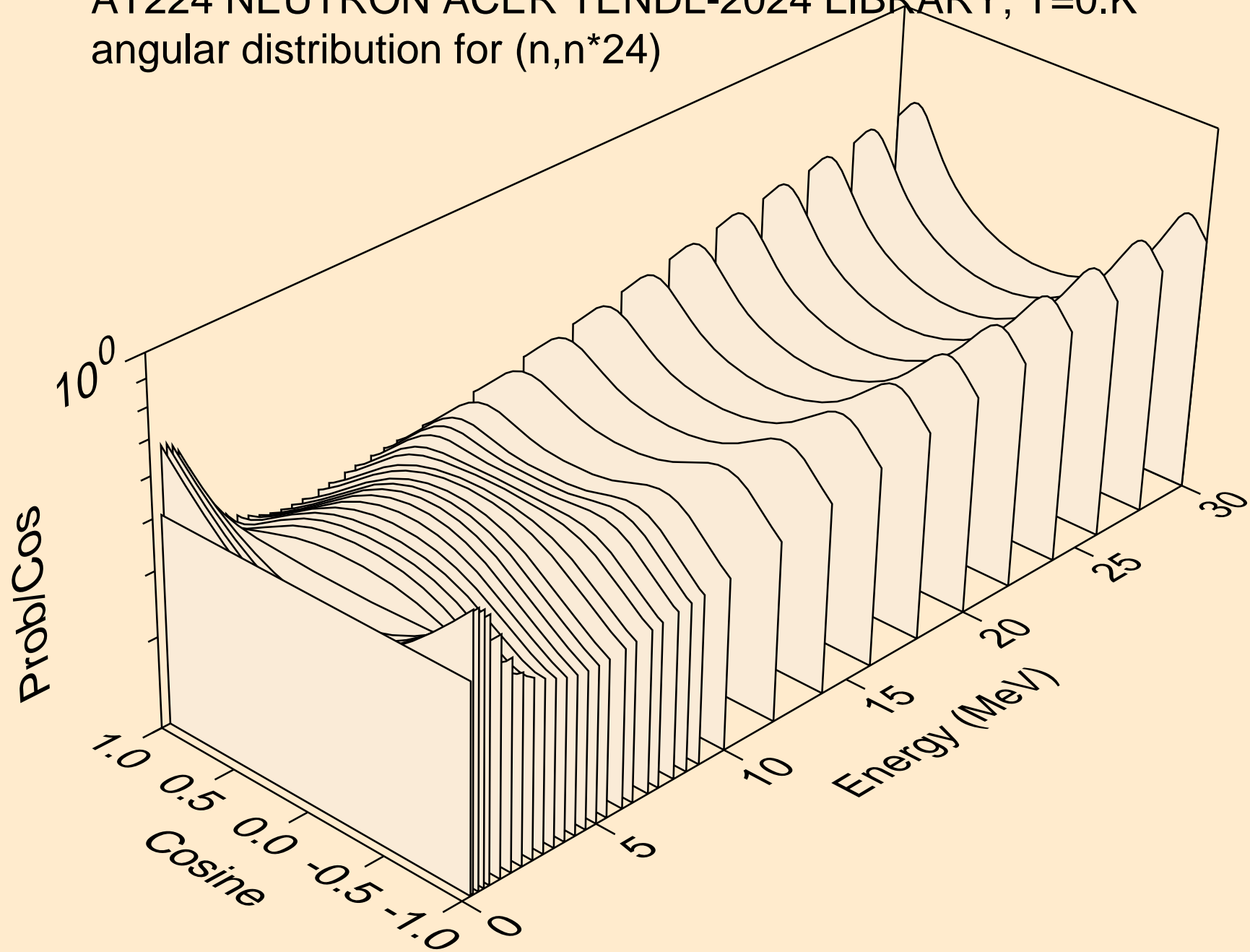
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



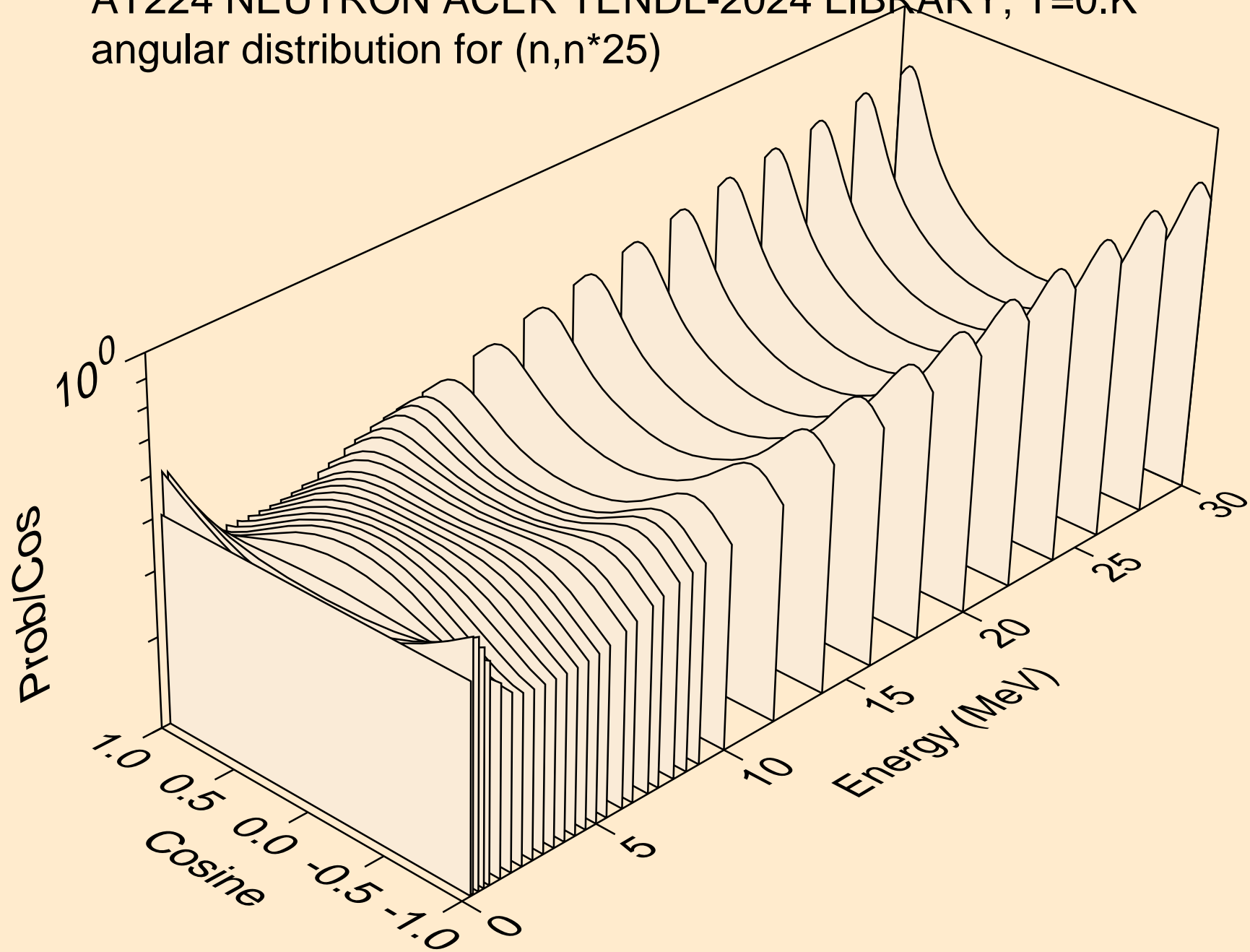
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

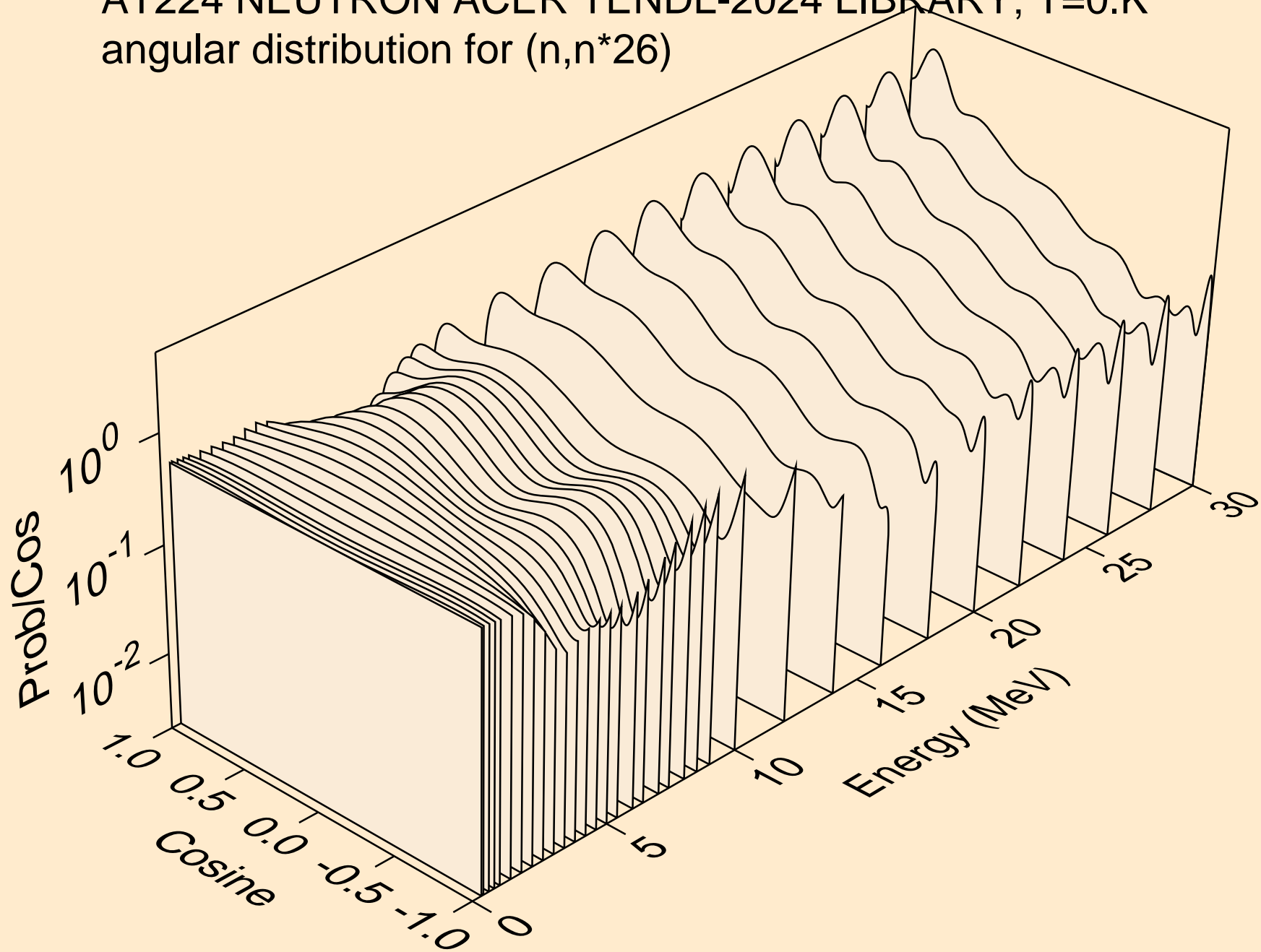


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

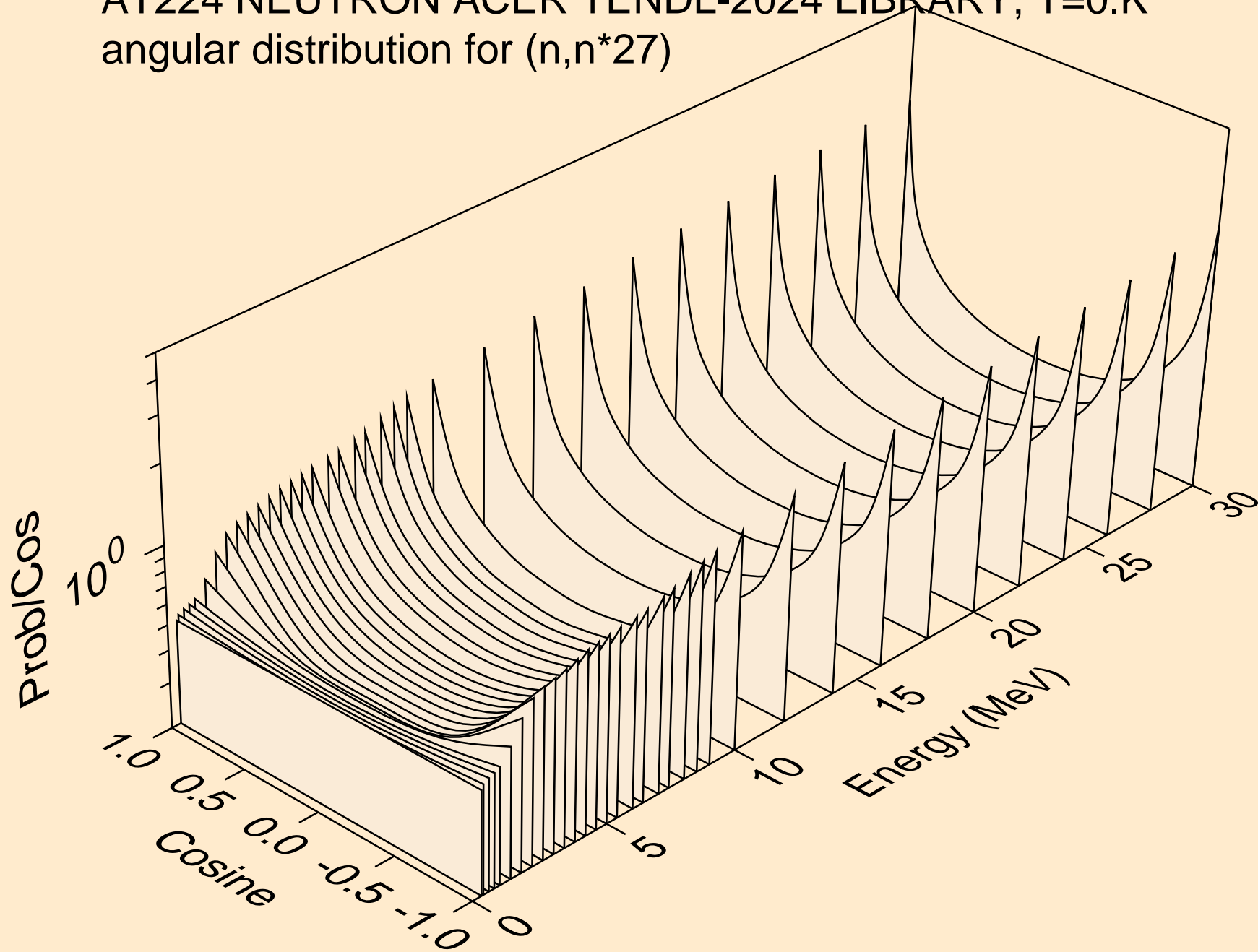




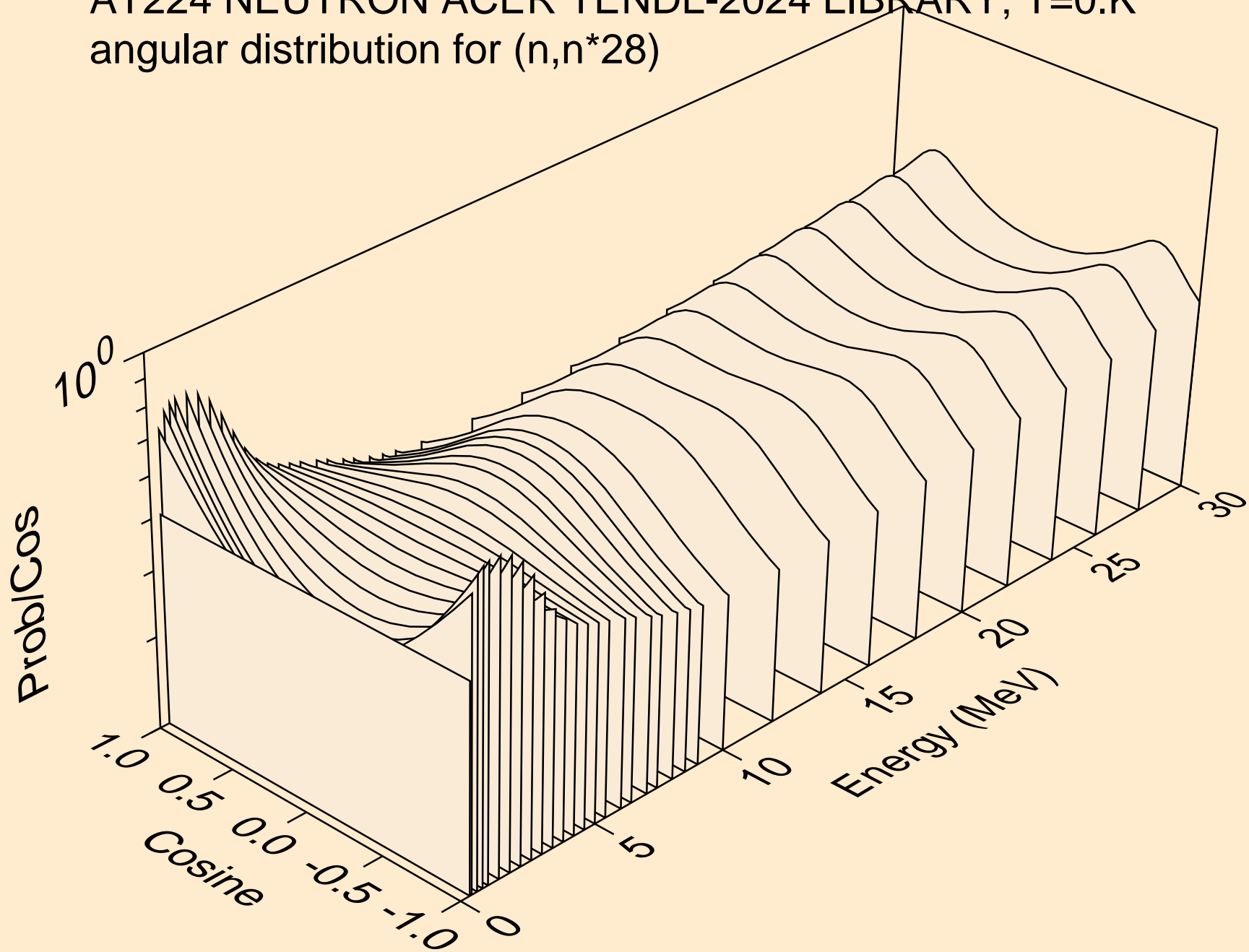
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



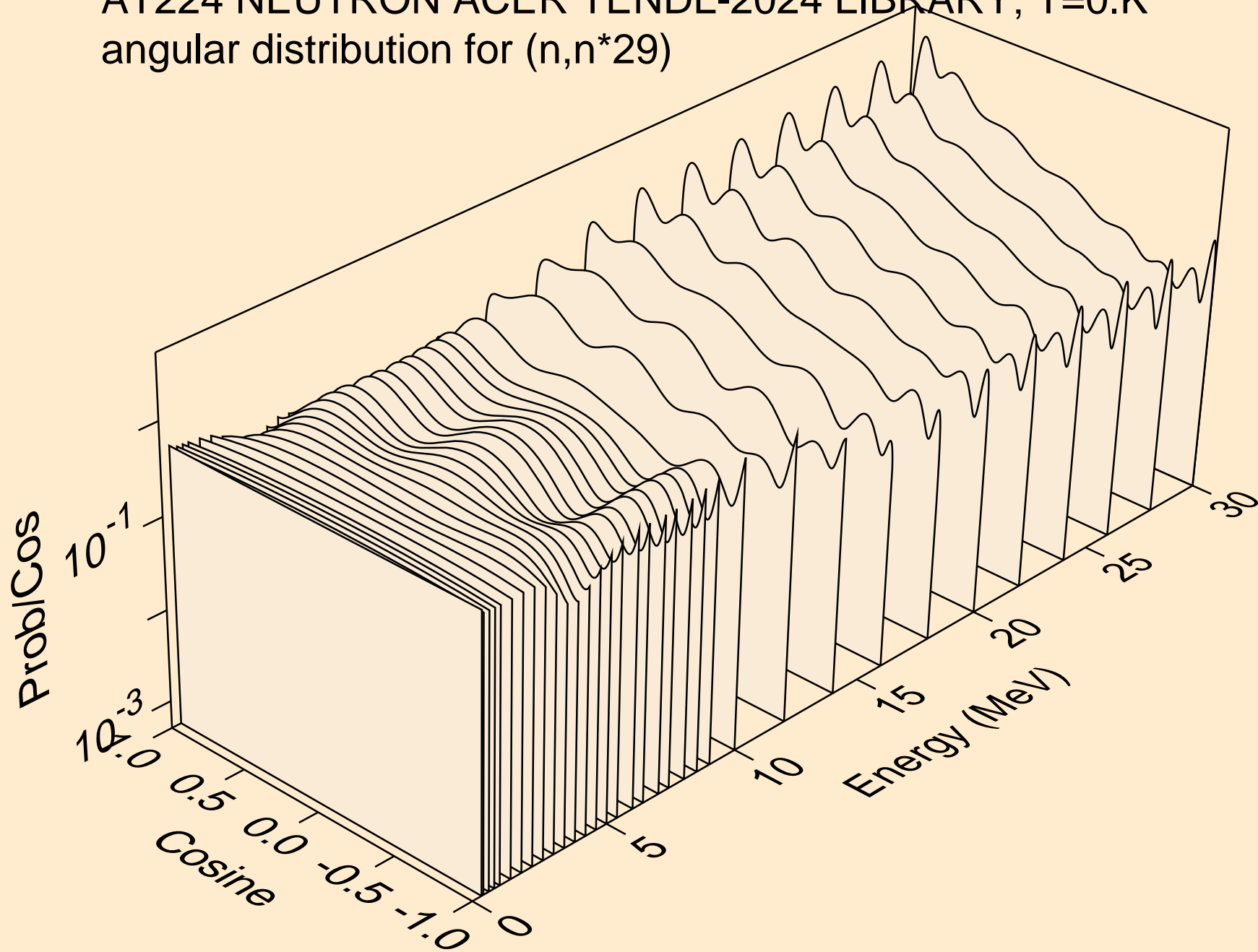
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



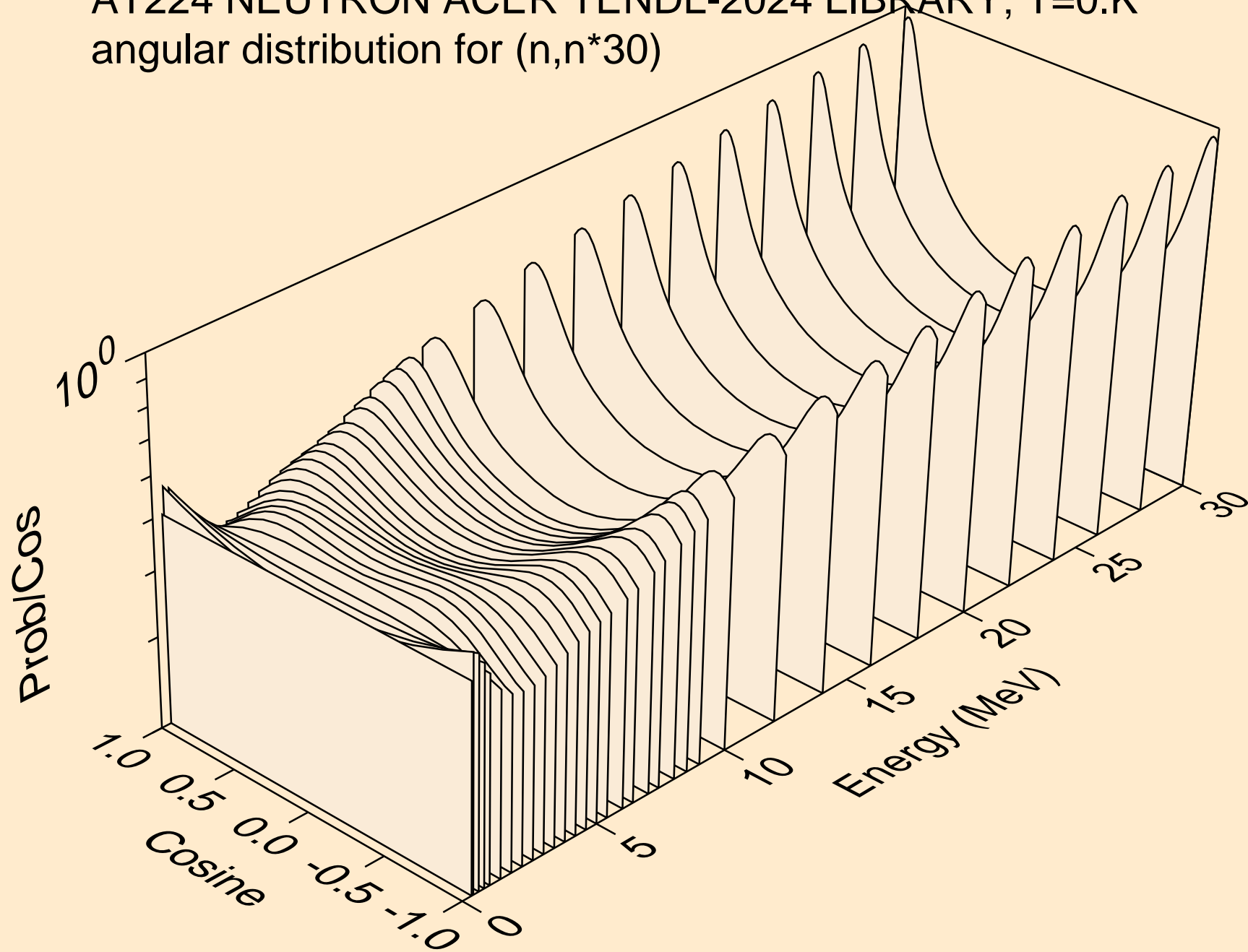
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

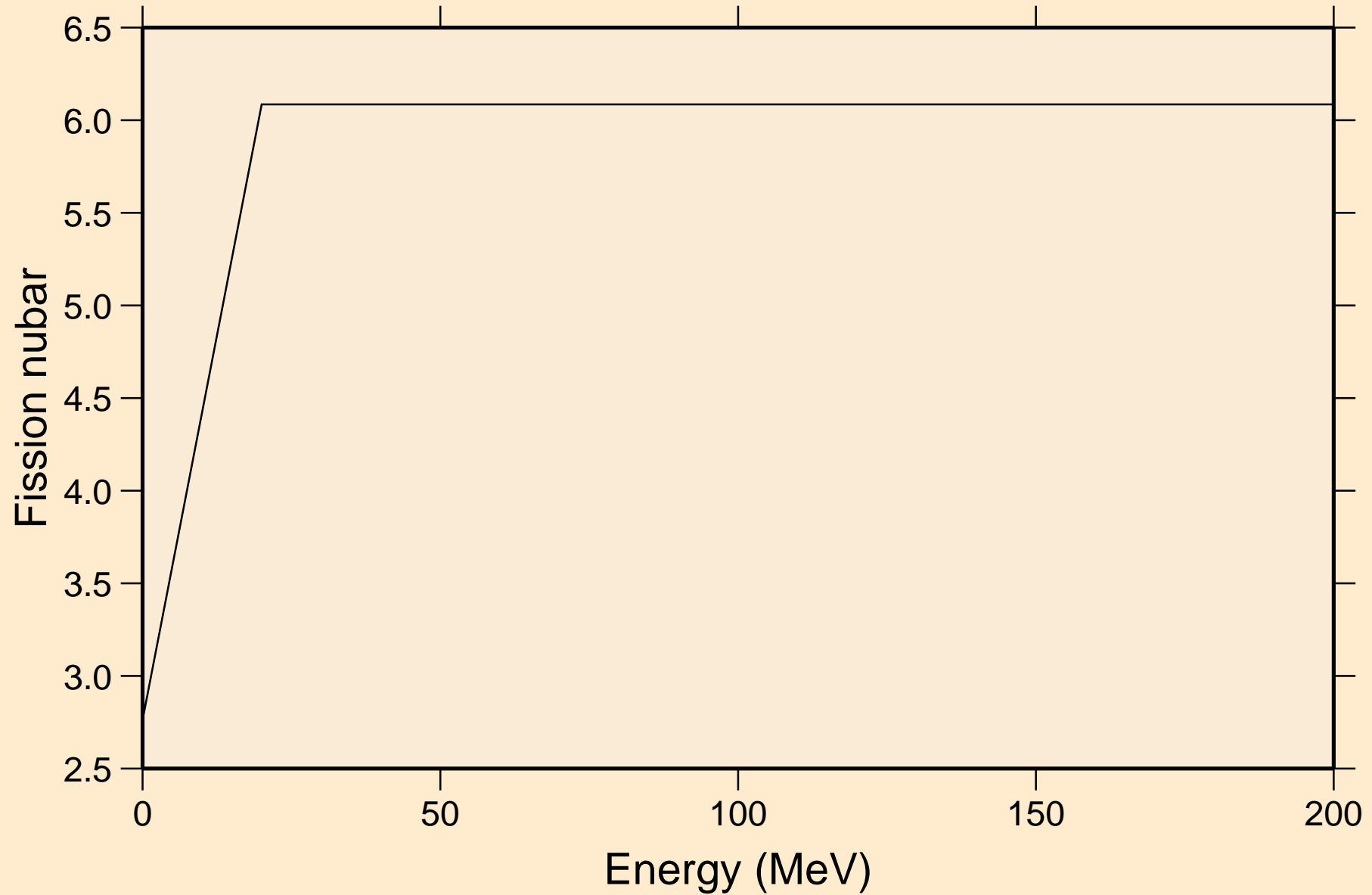


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

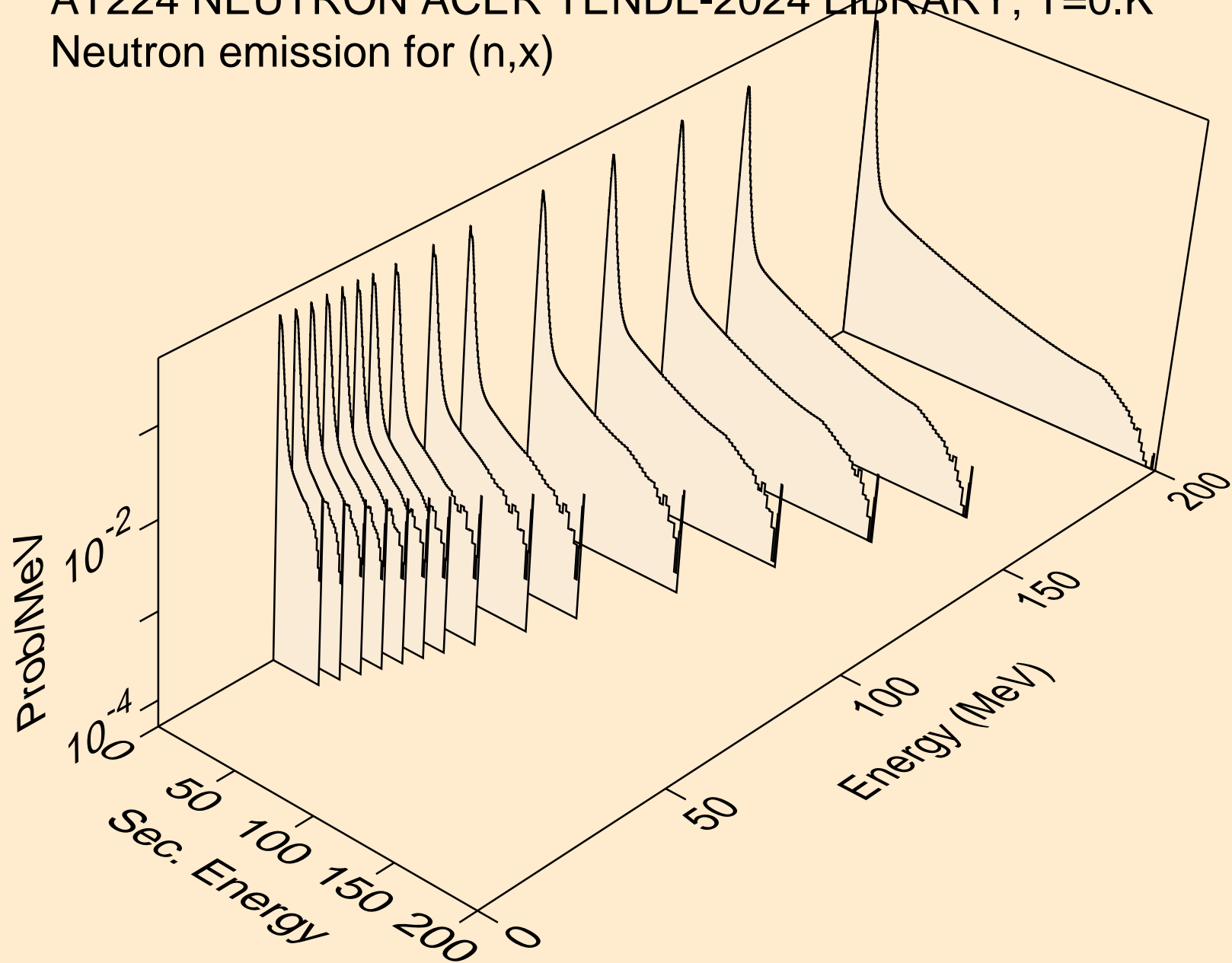


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

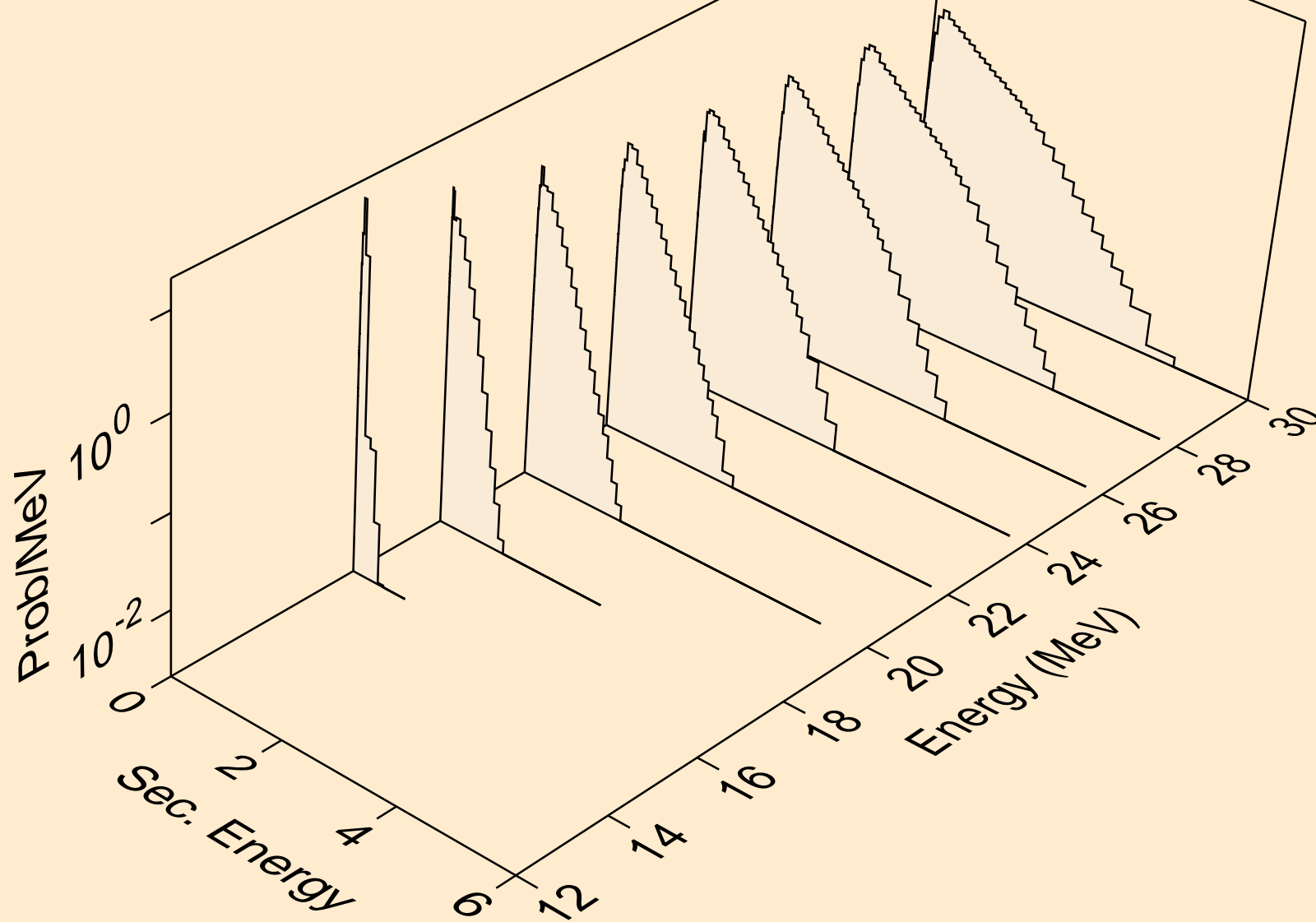
Total fission nubar



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

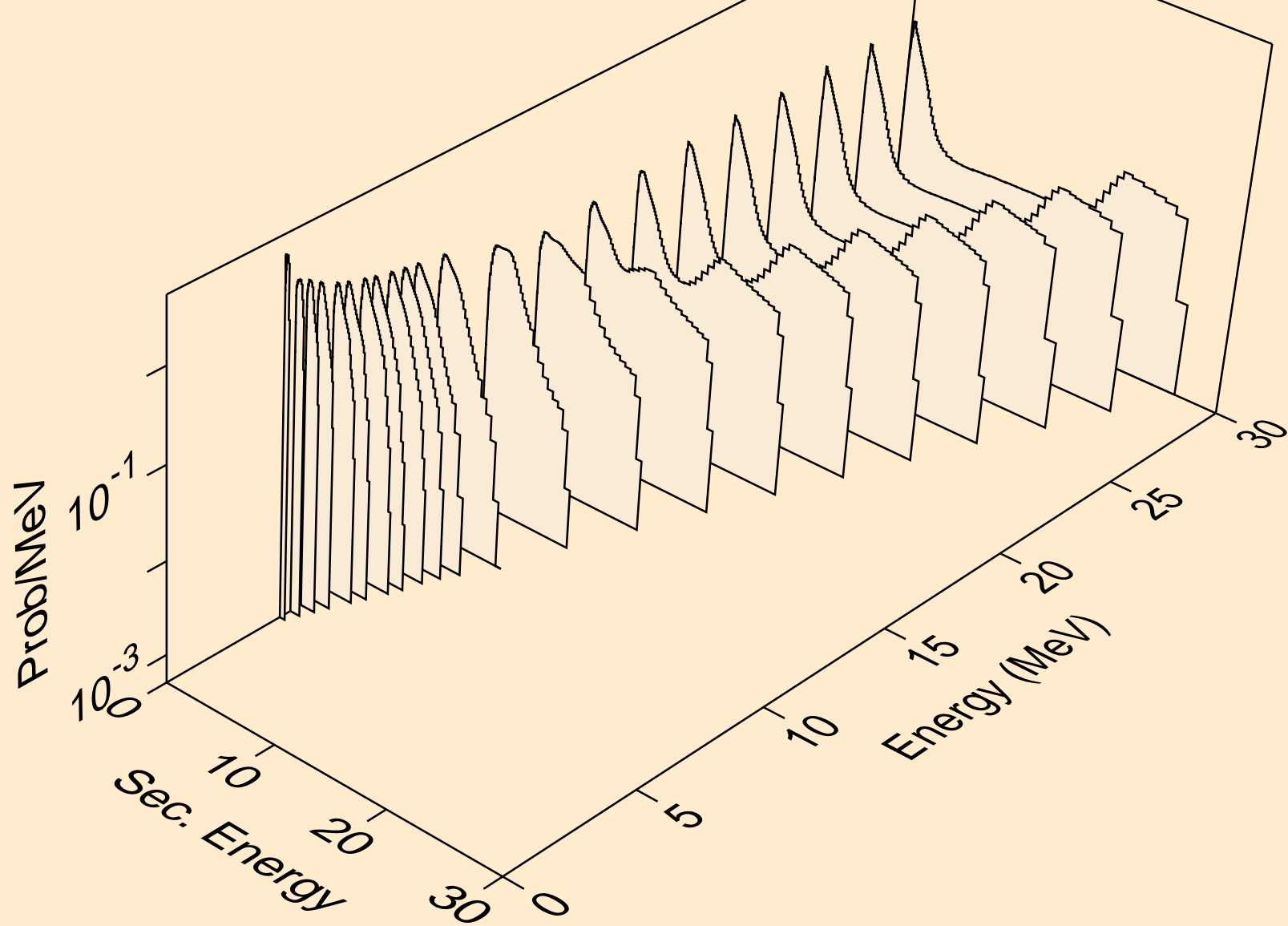


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

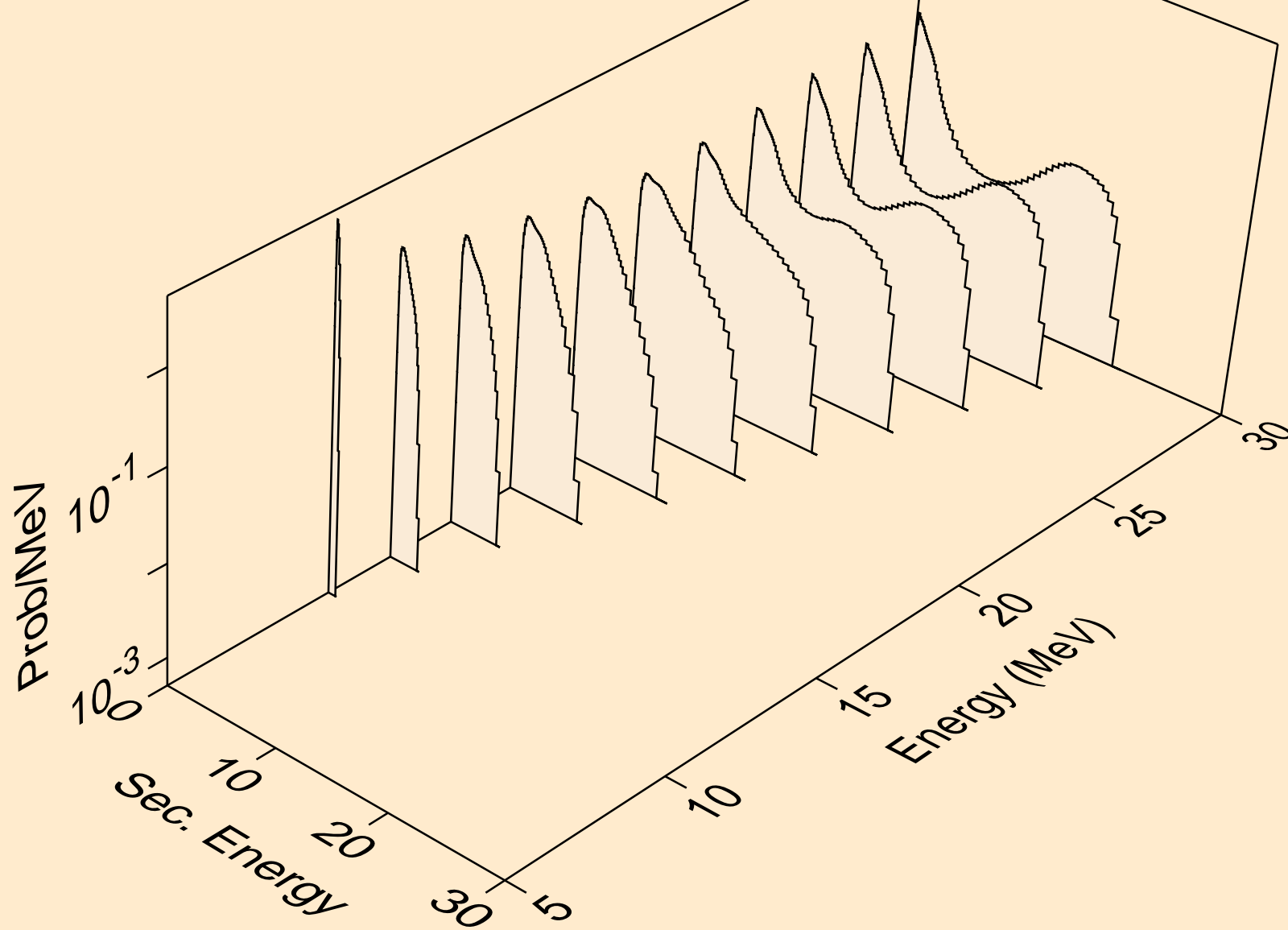




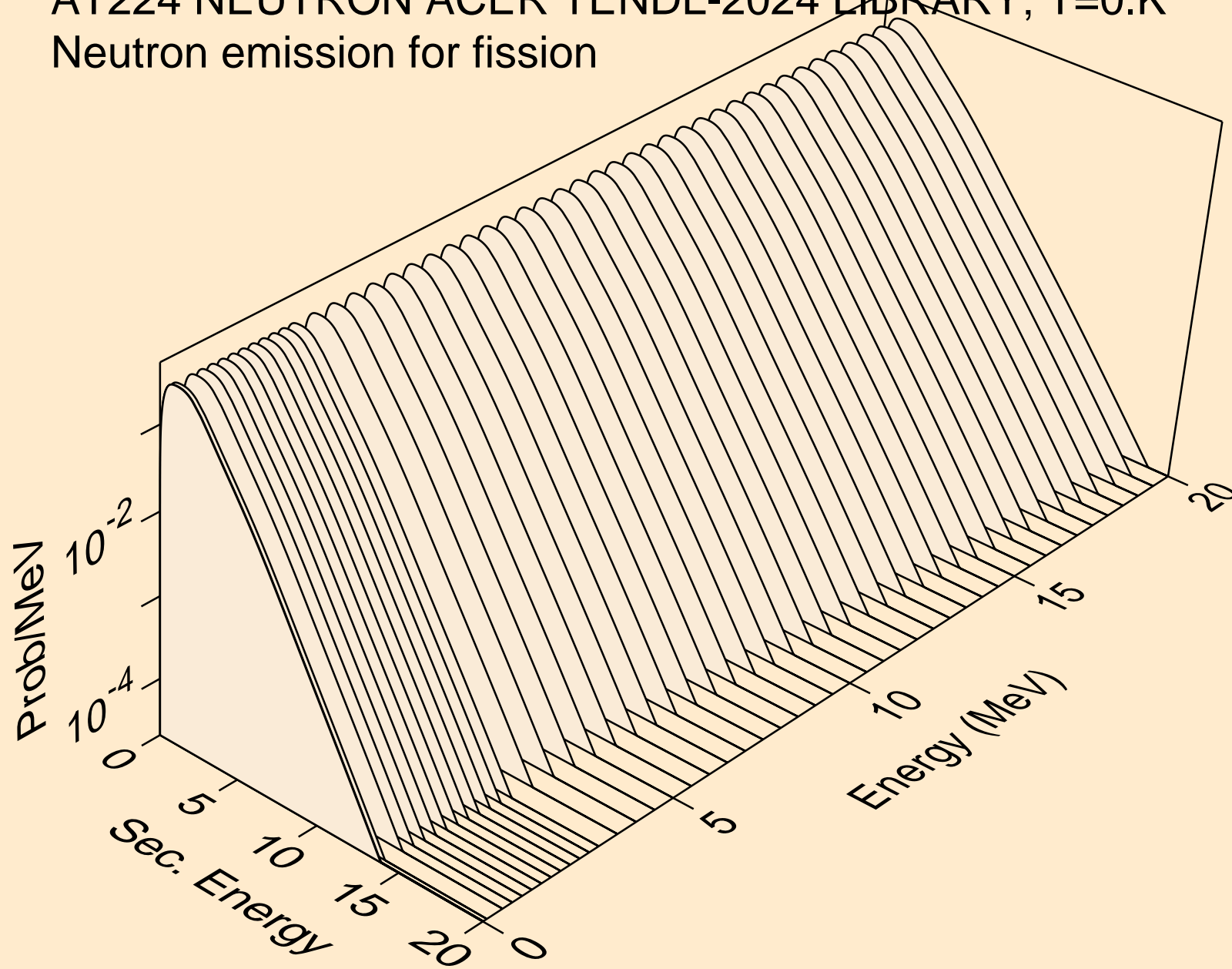
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



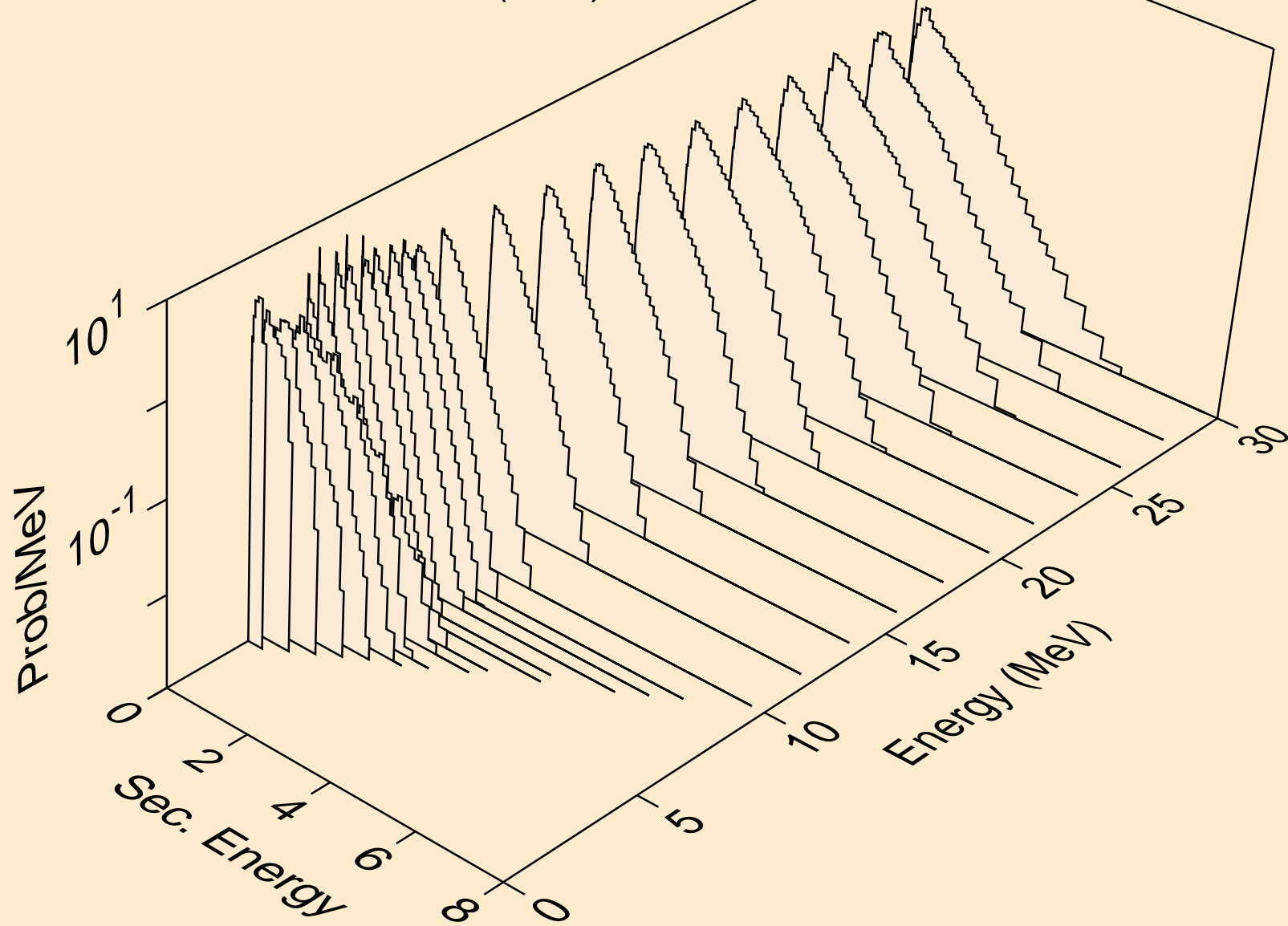
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



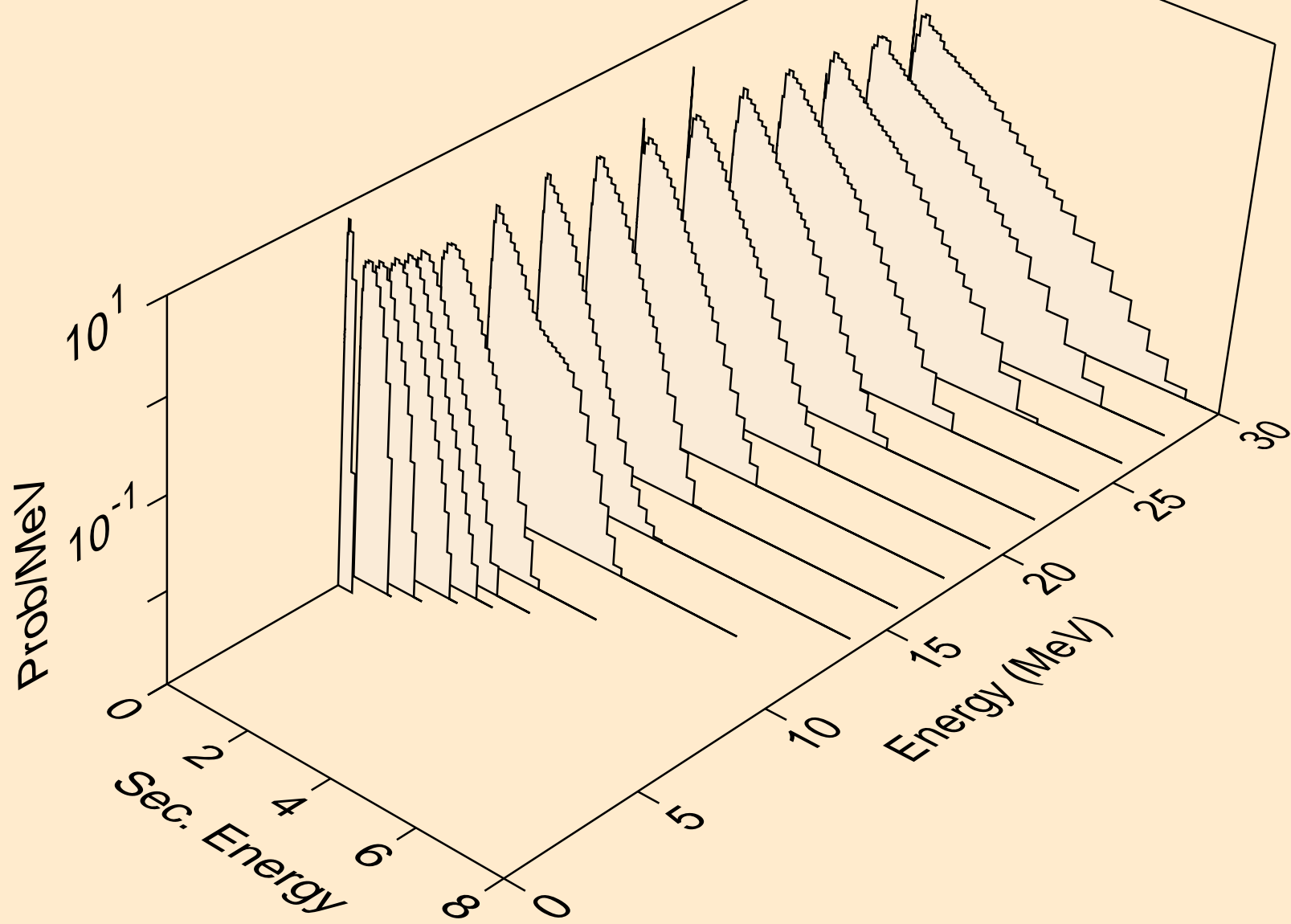
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



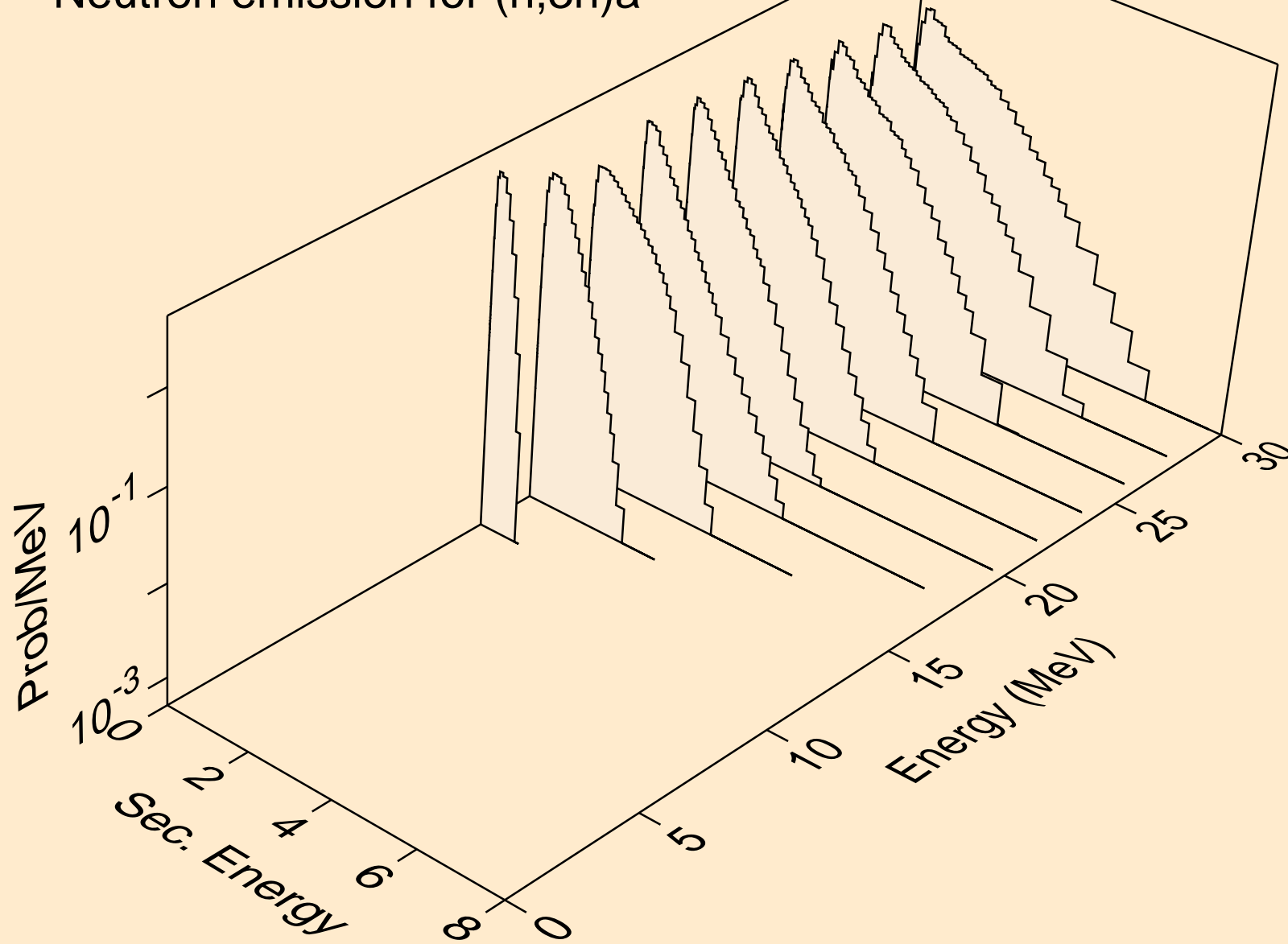
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



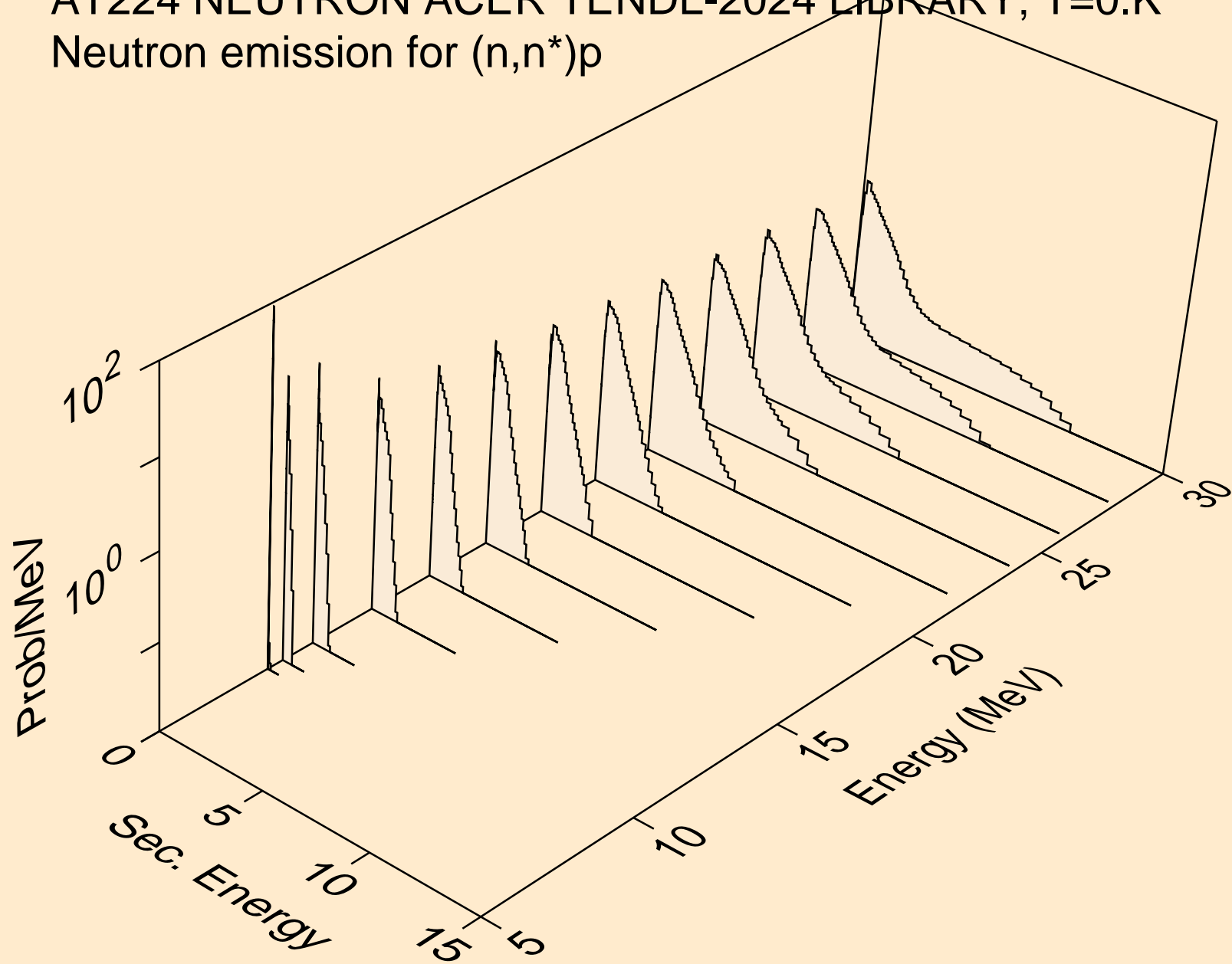
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



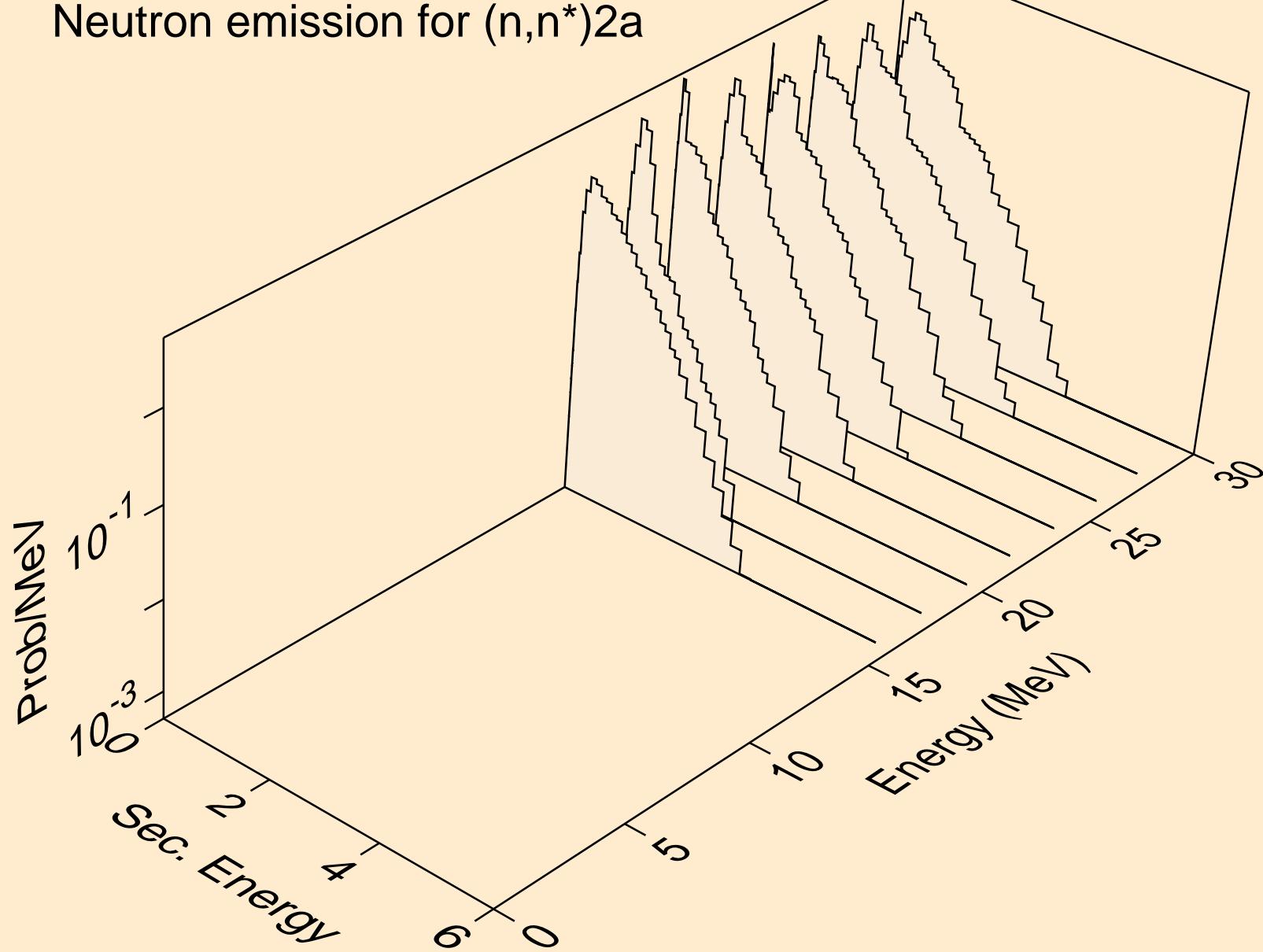
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

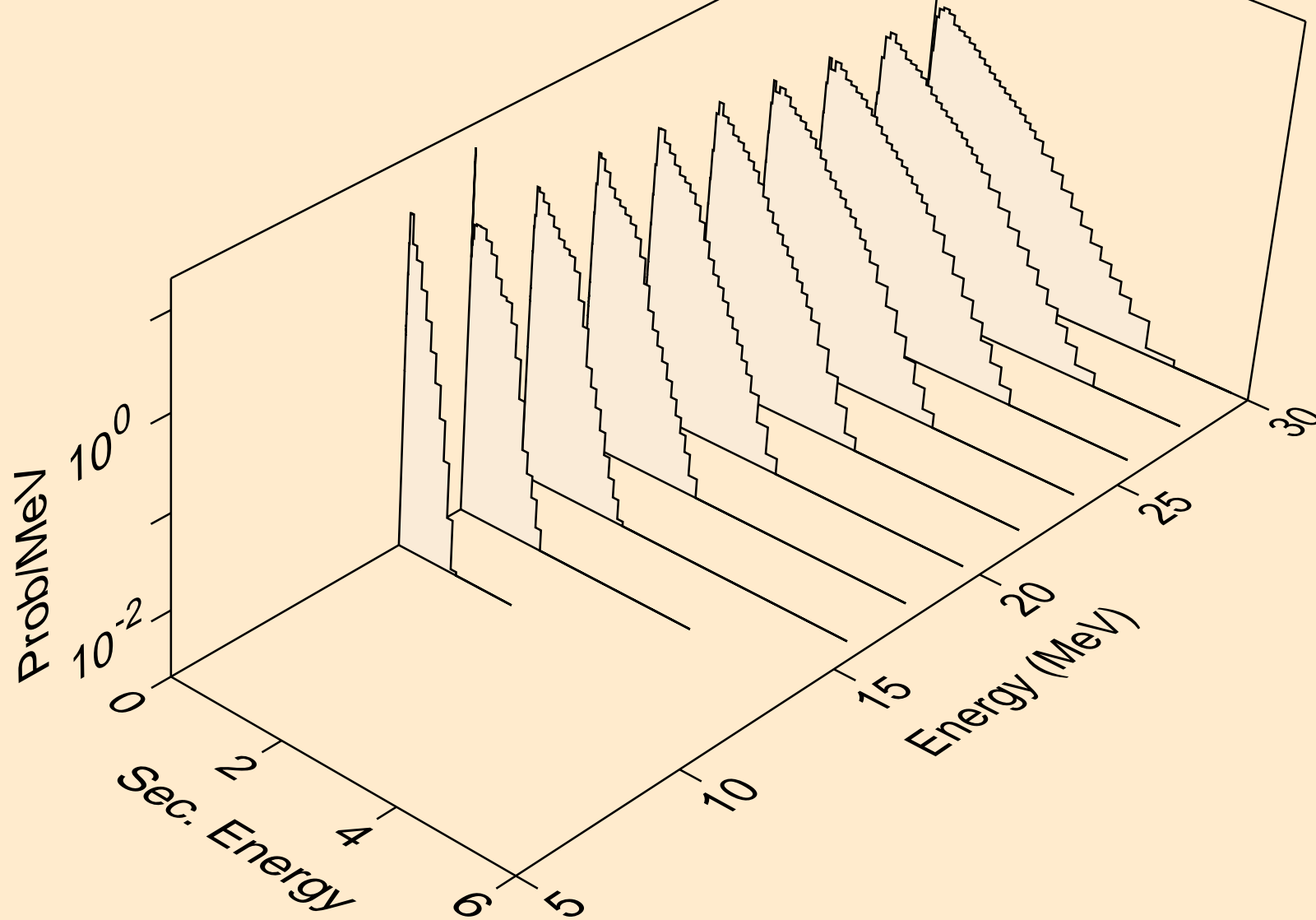


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

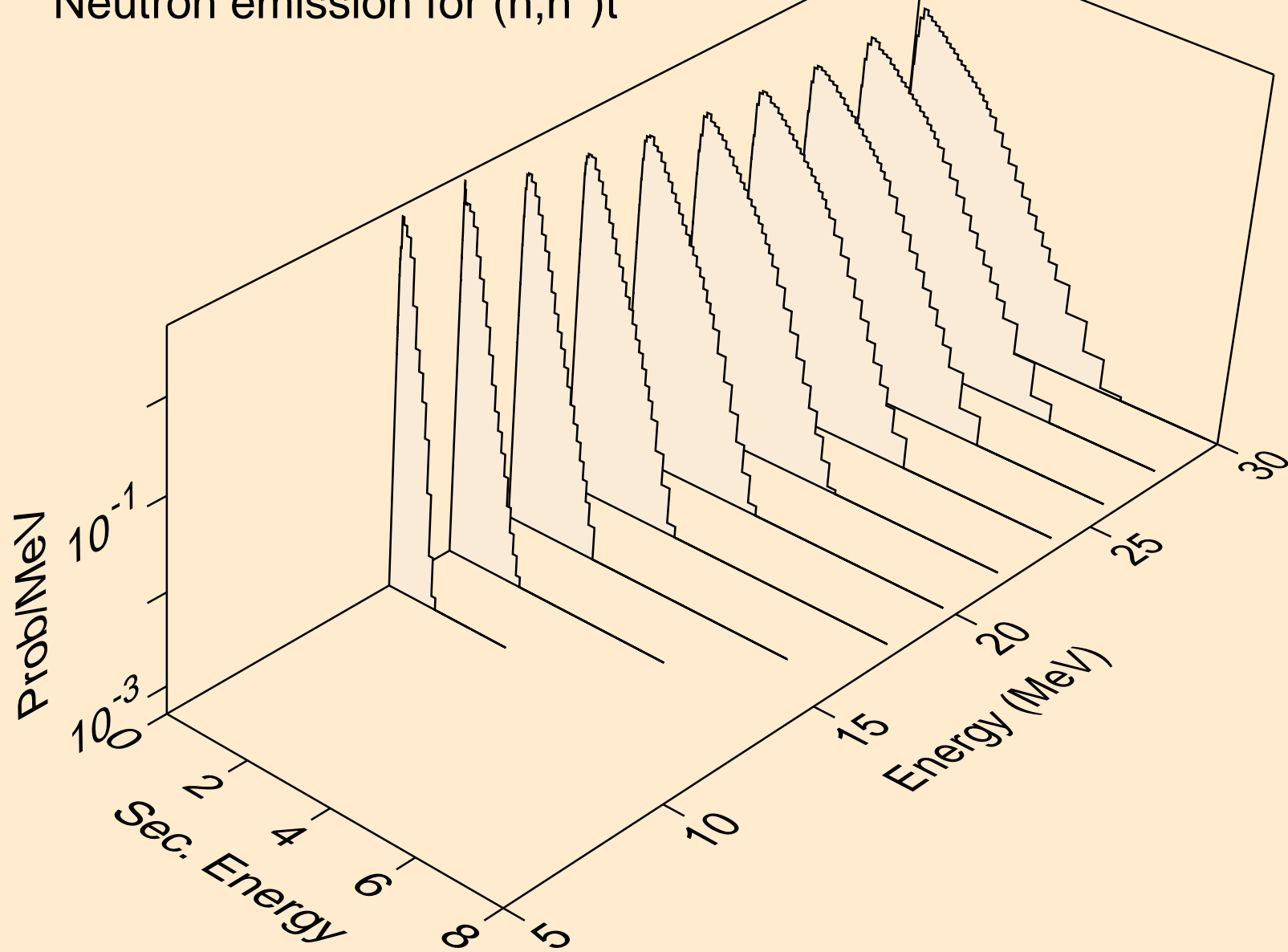




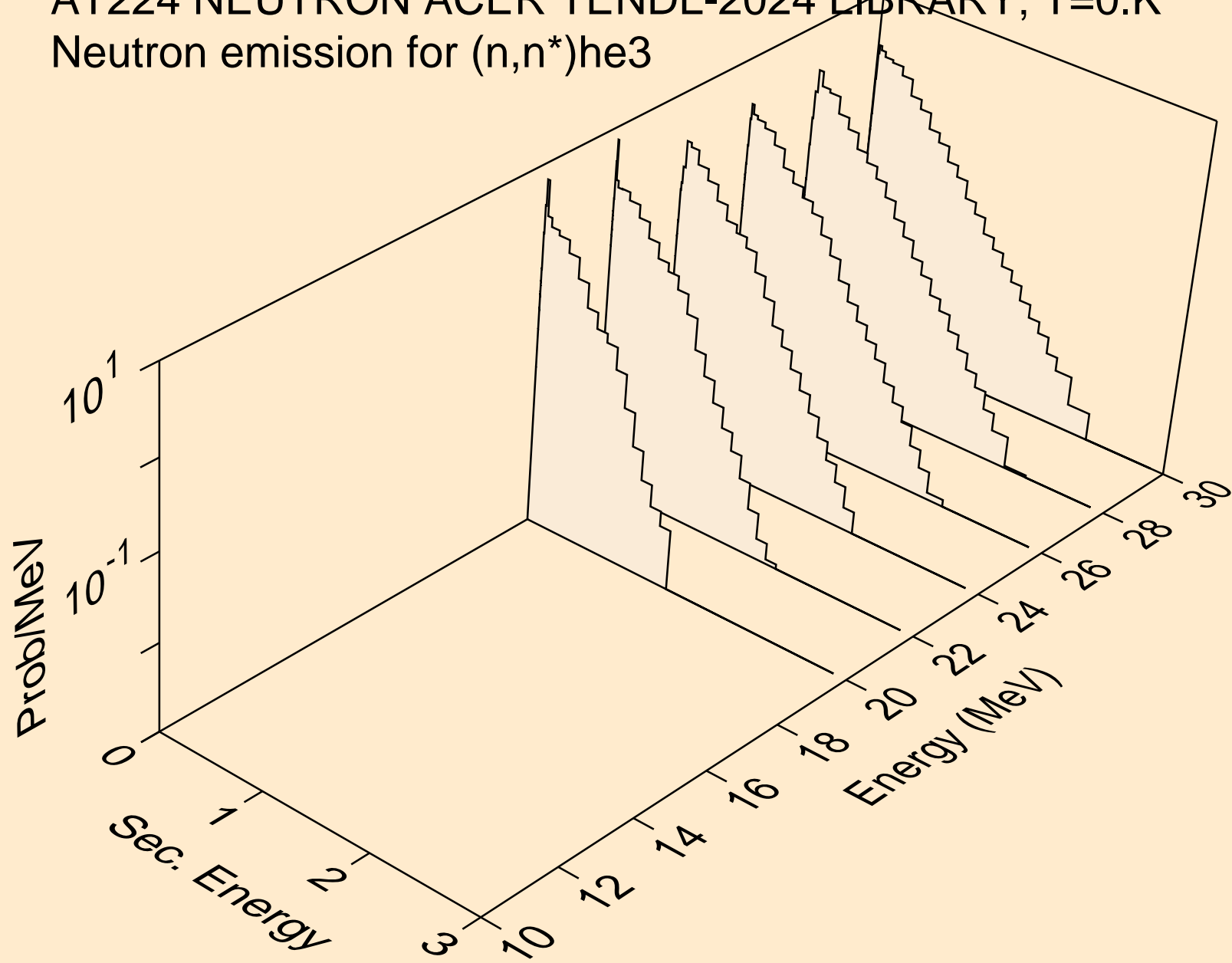
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



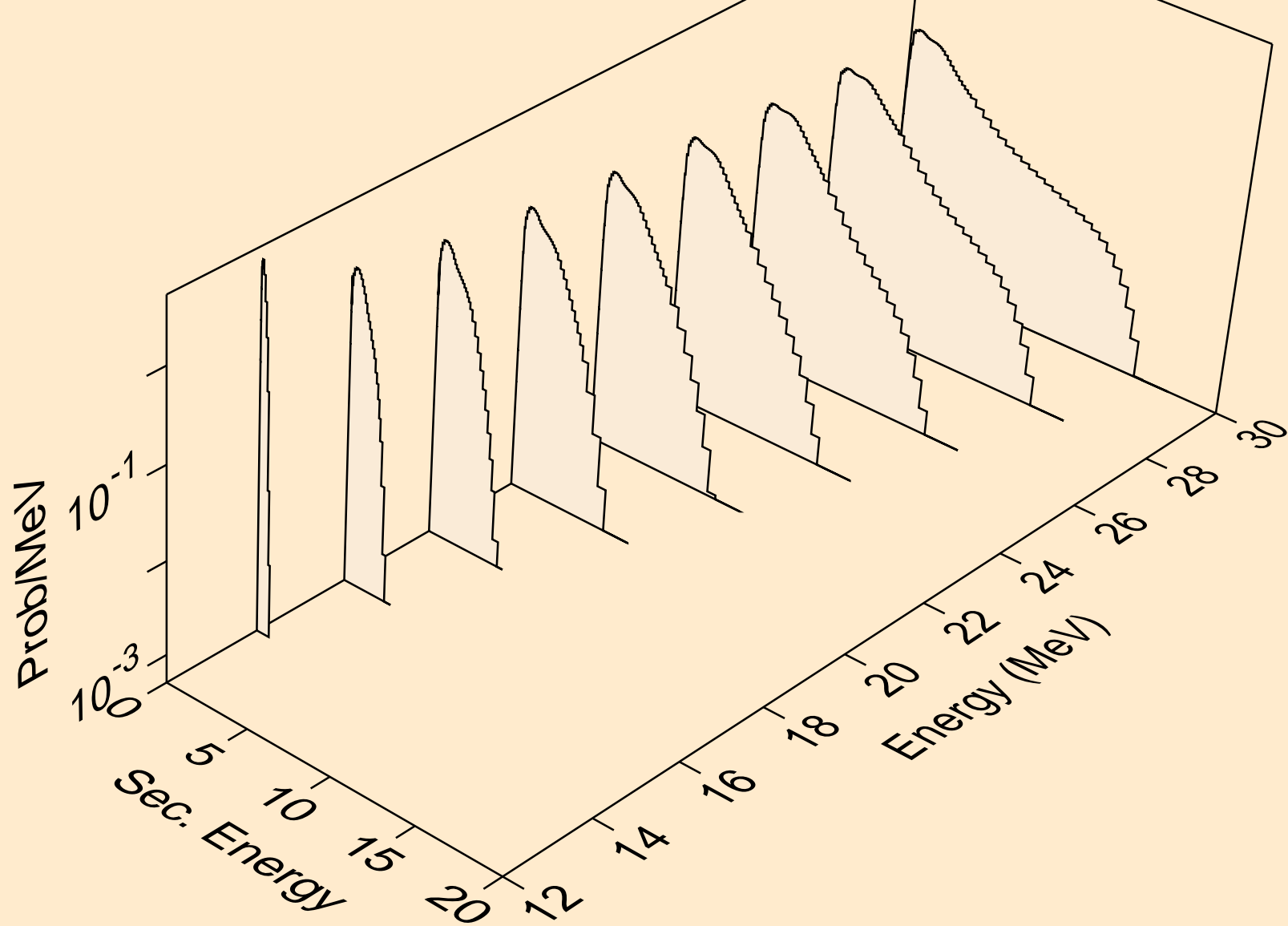
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



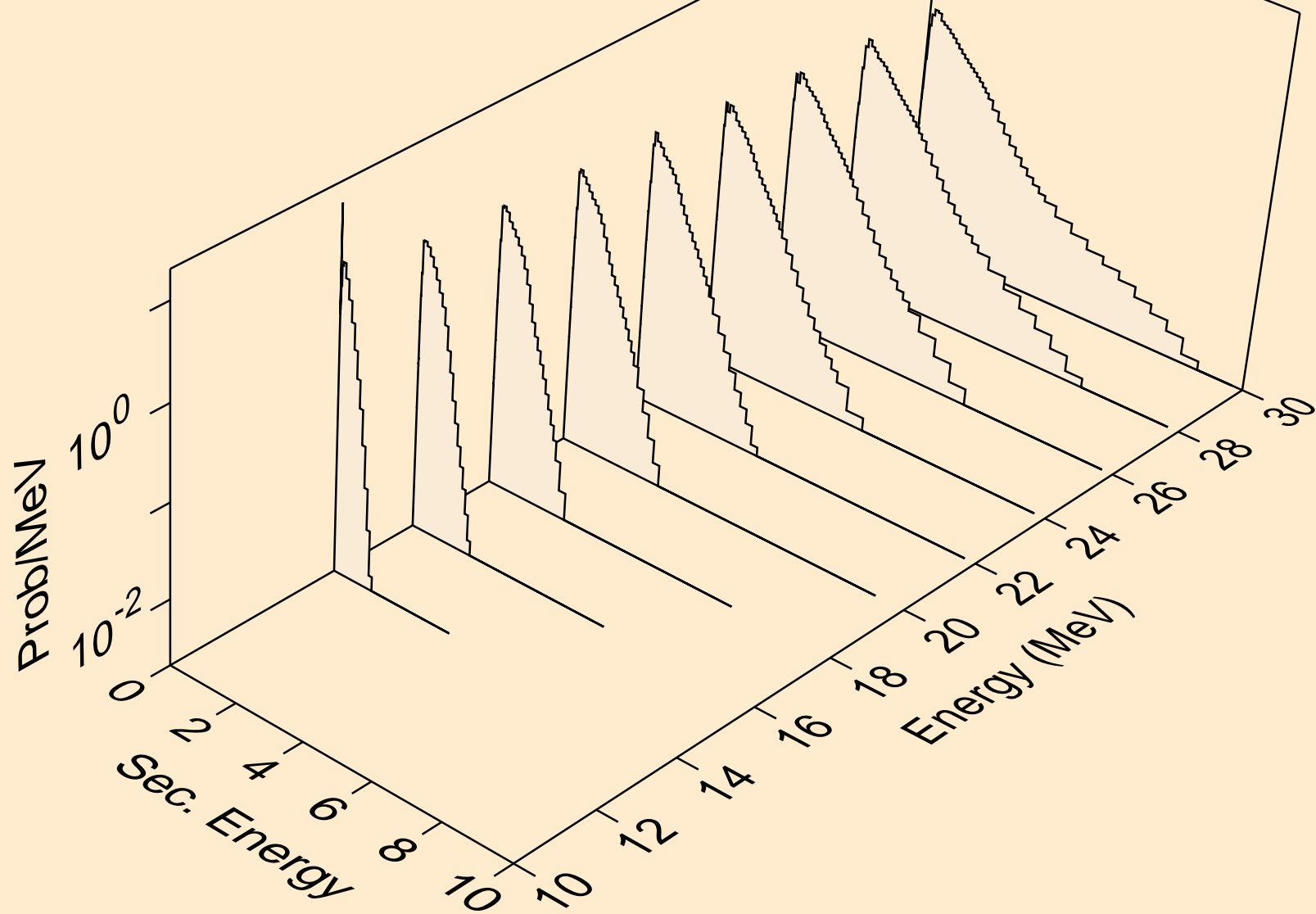
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



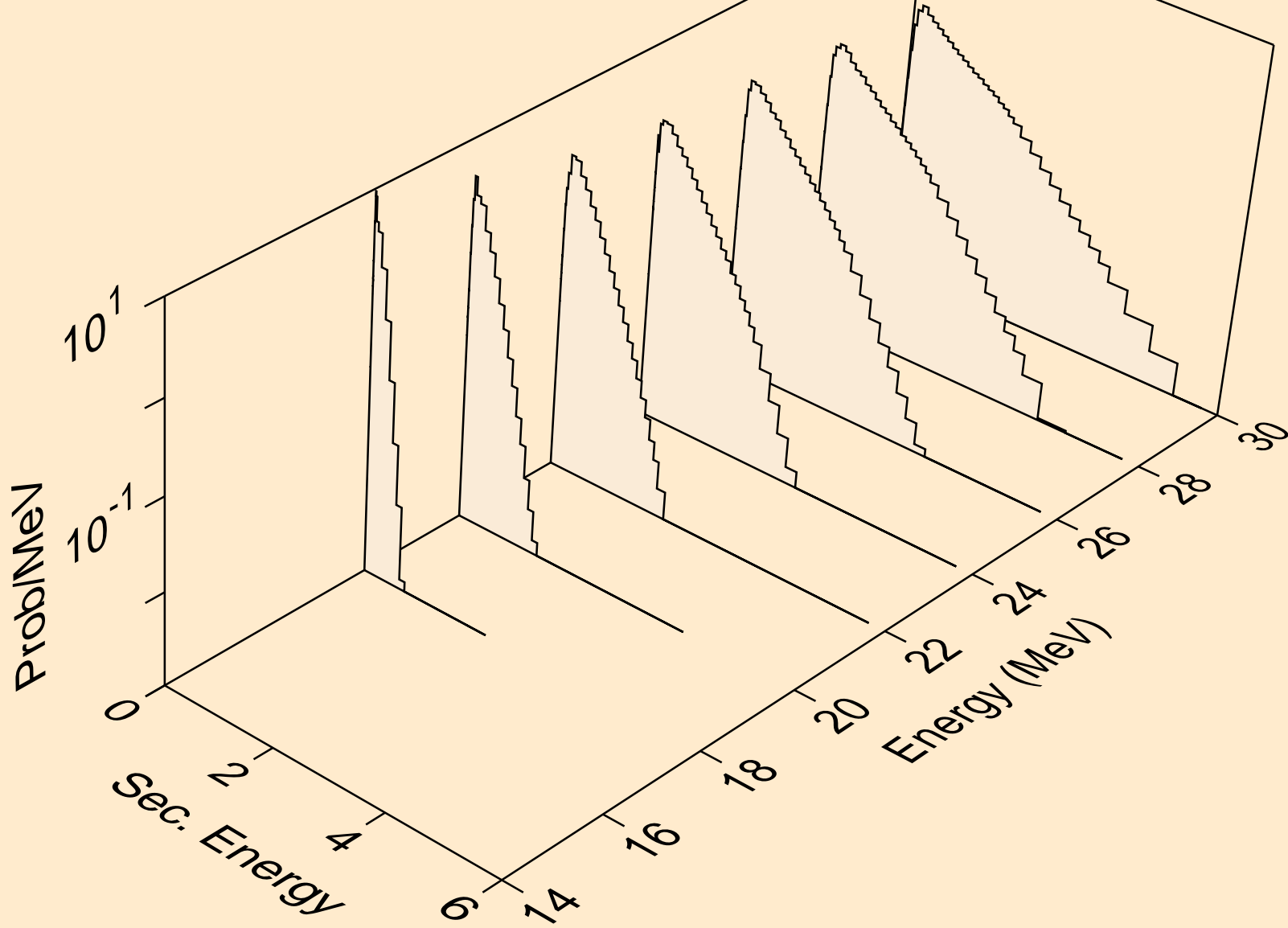
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



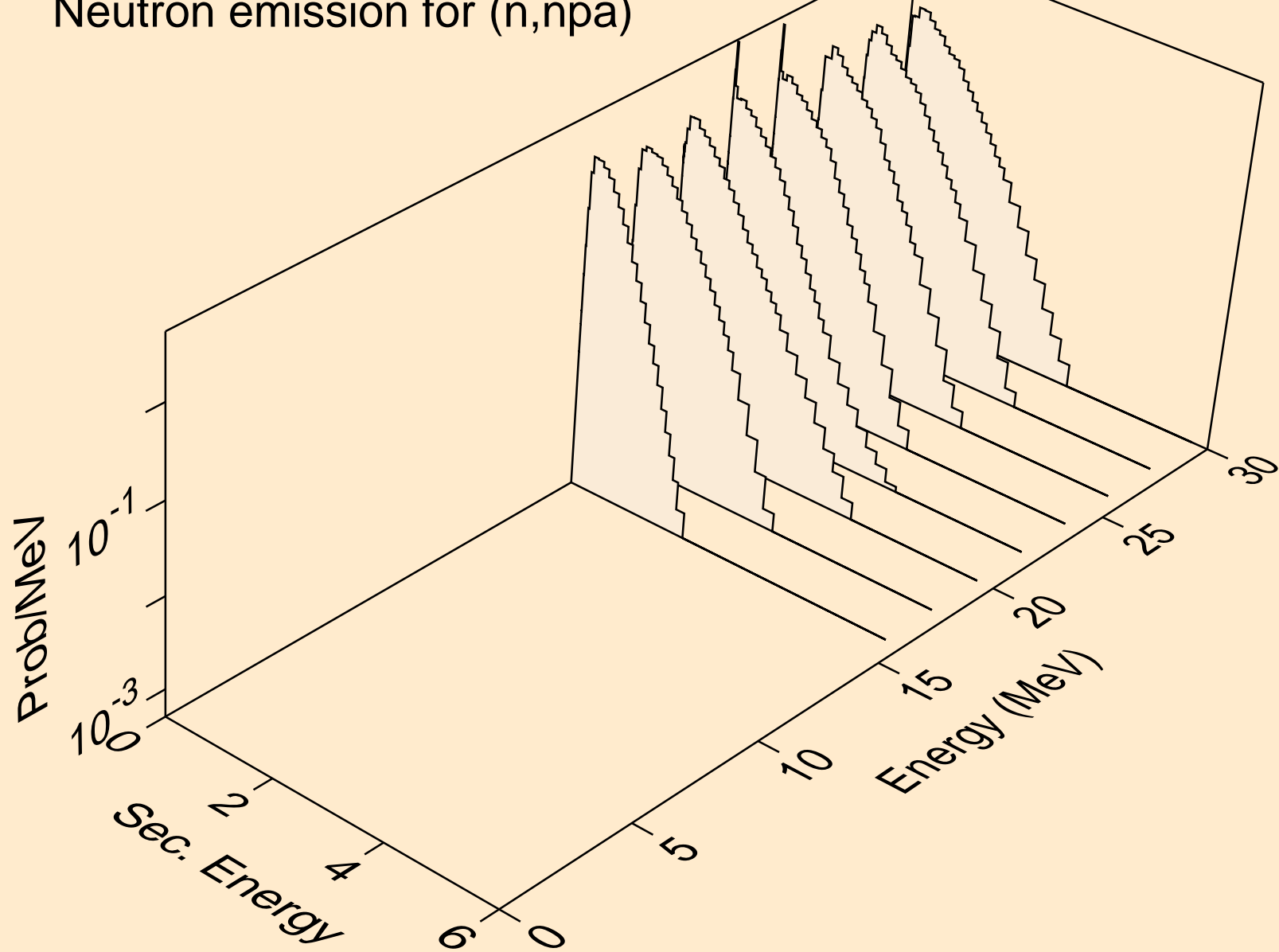
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



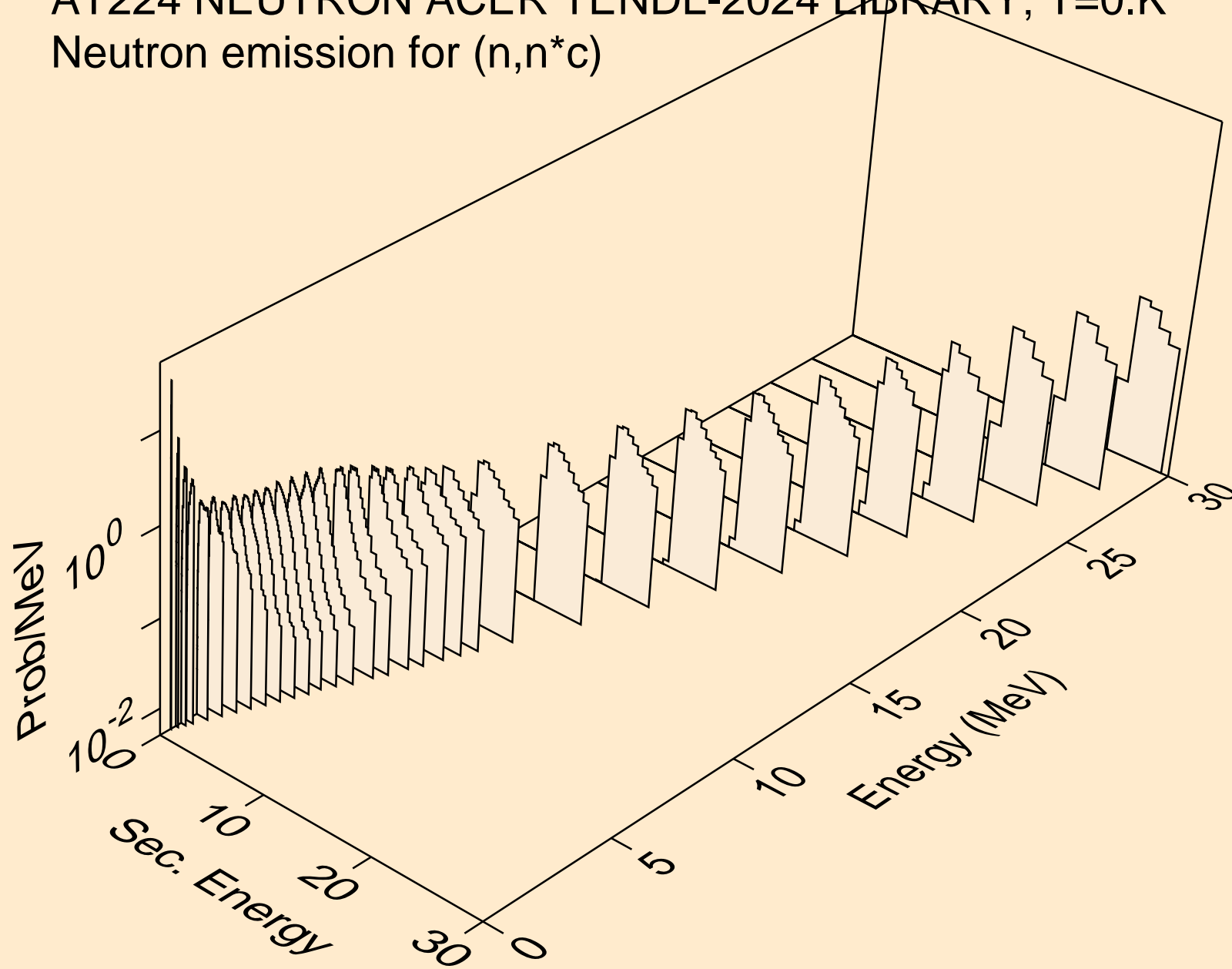
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



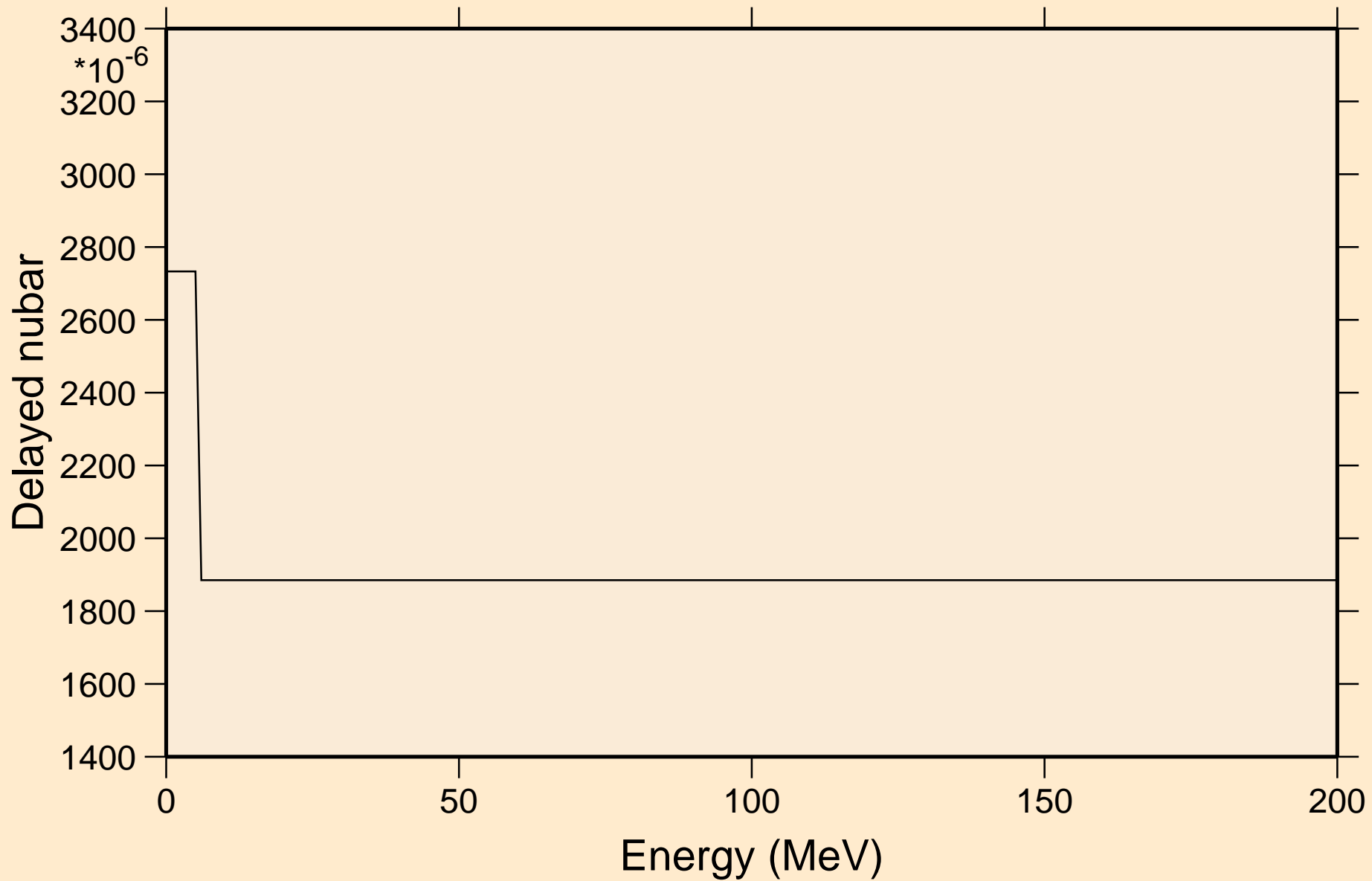
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)





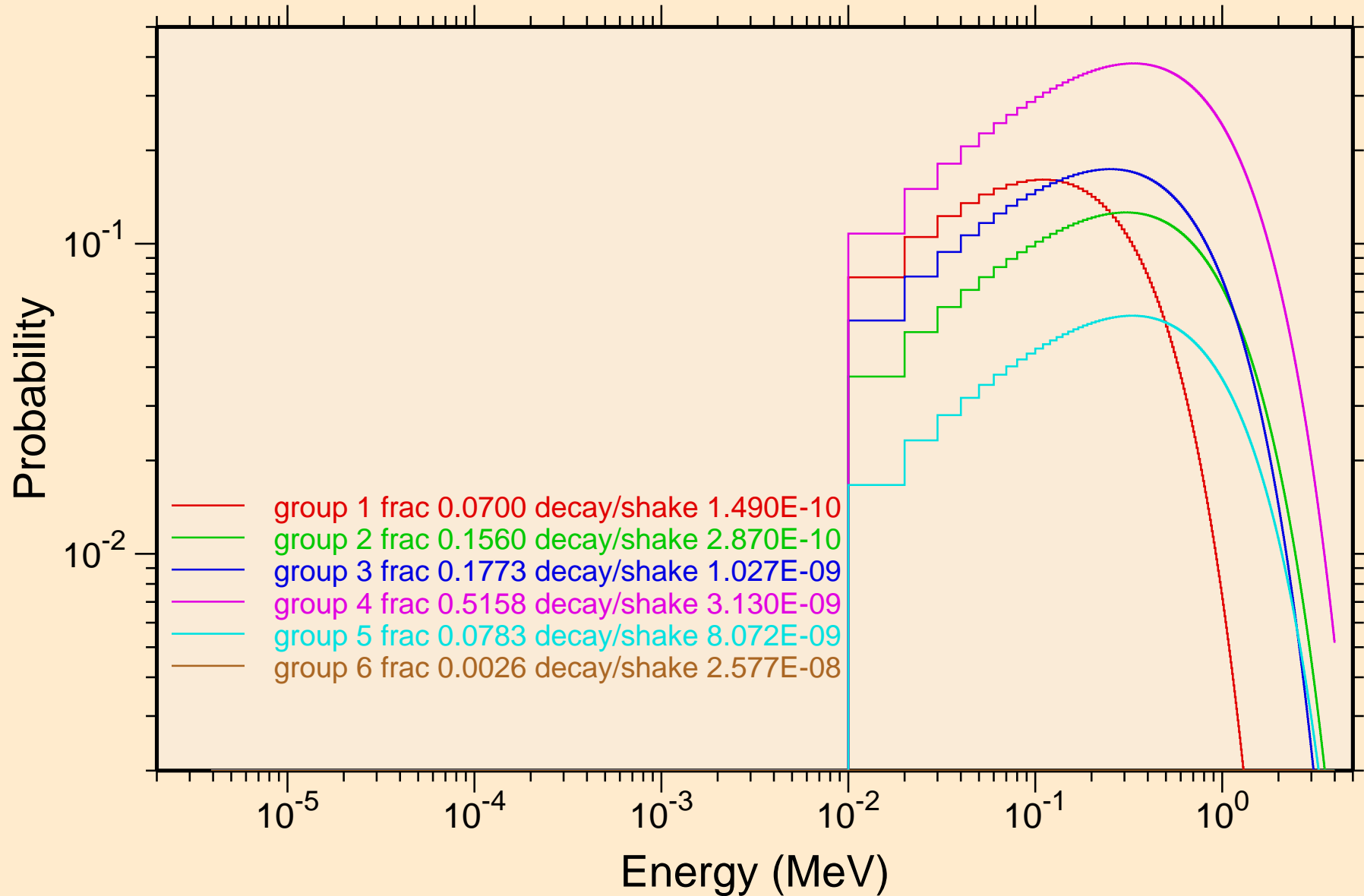
# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

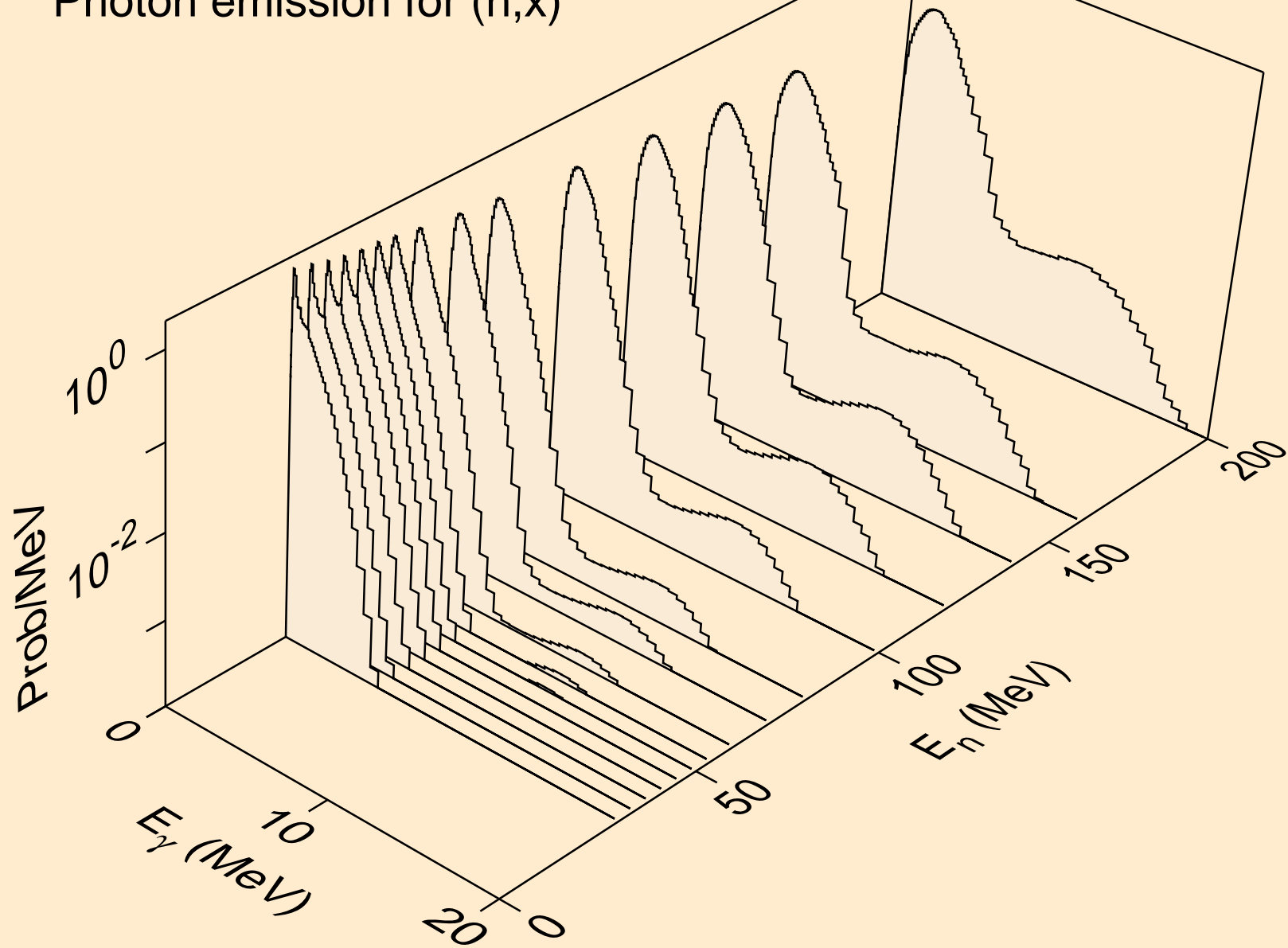


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

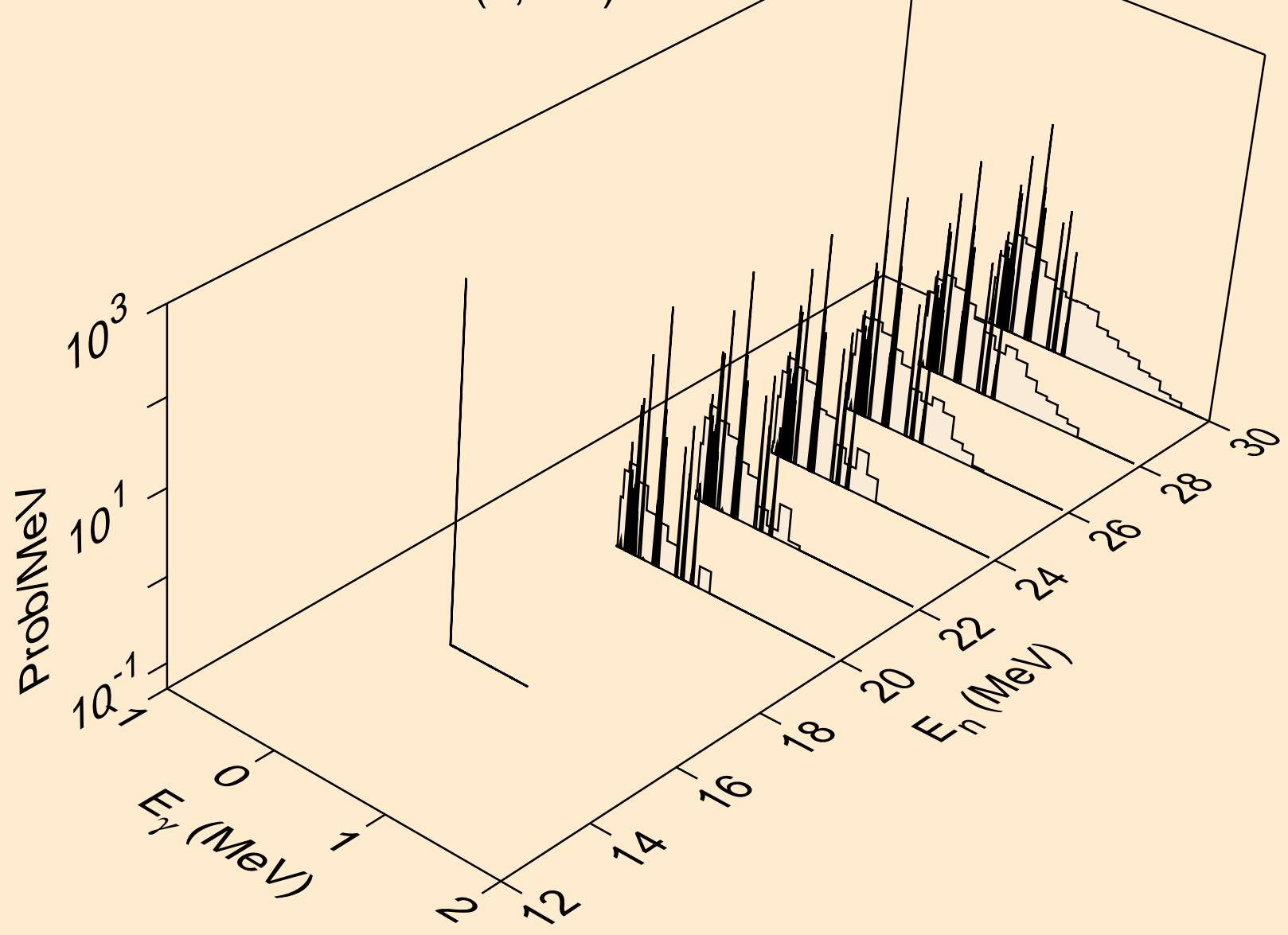
## Delayed neutron spectra



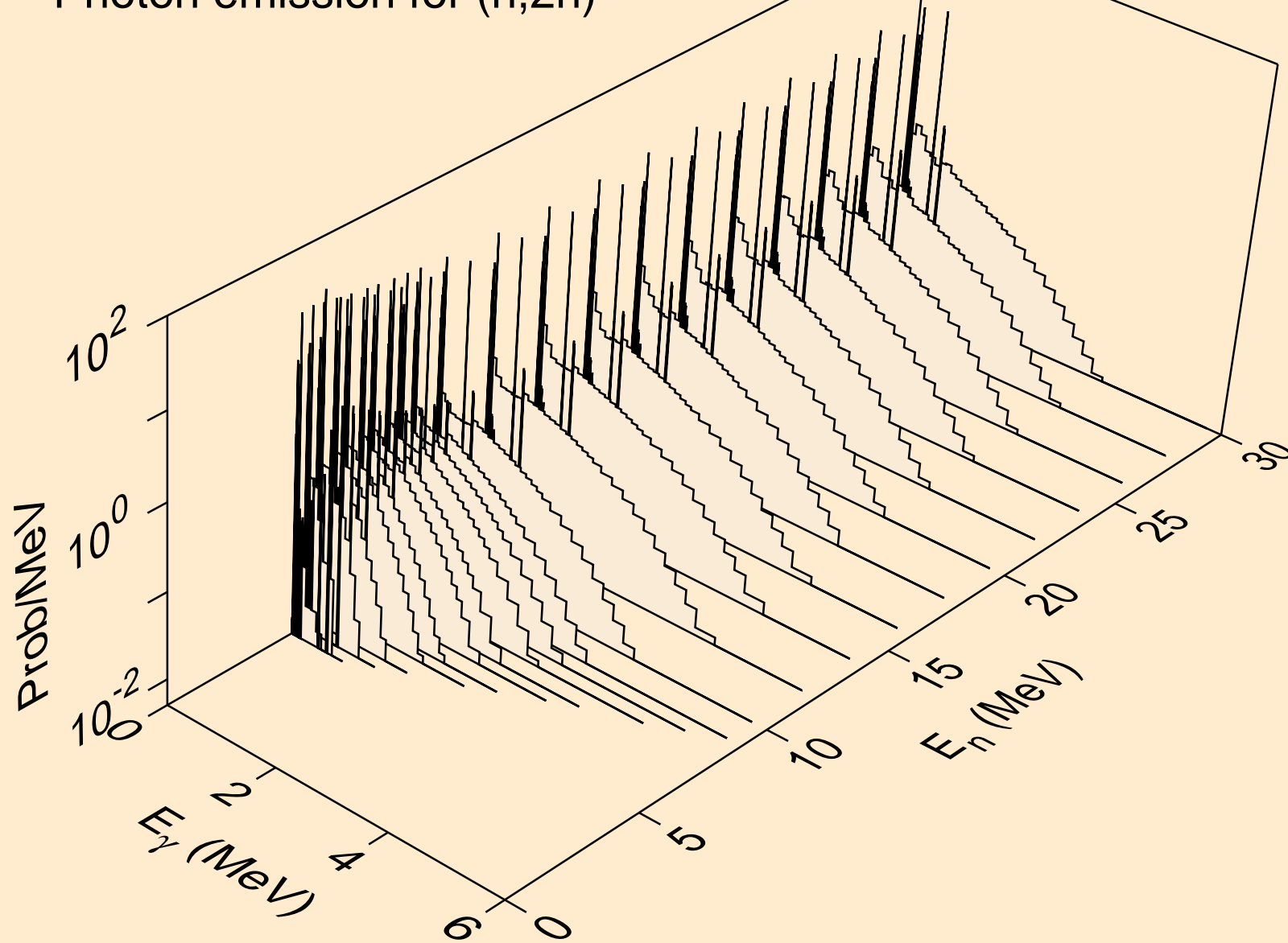
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



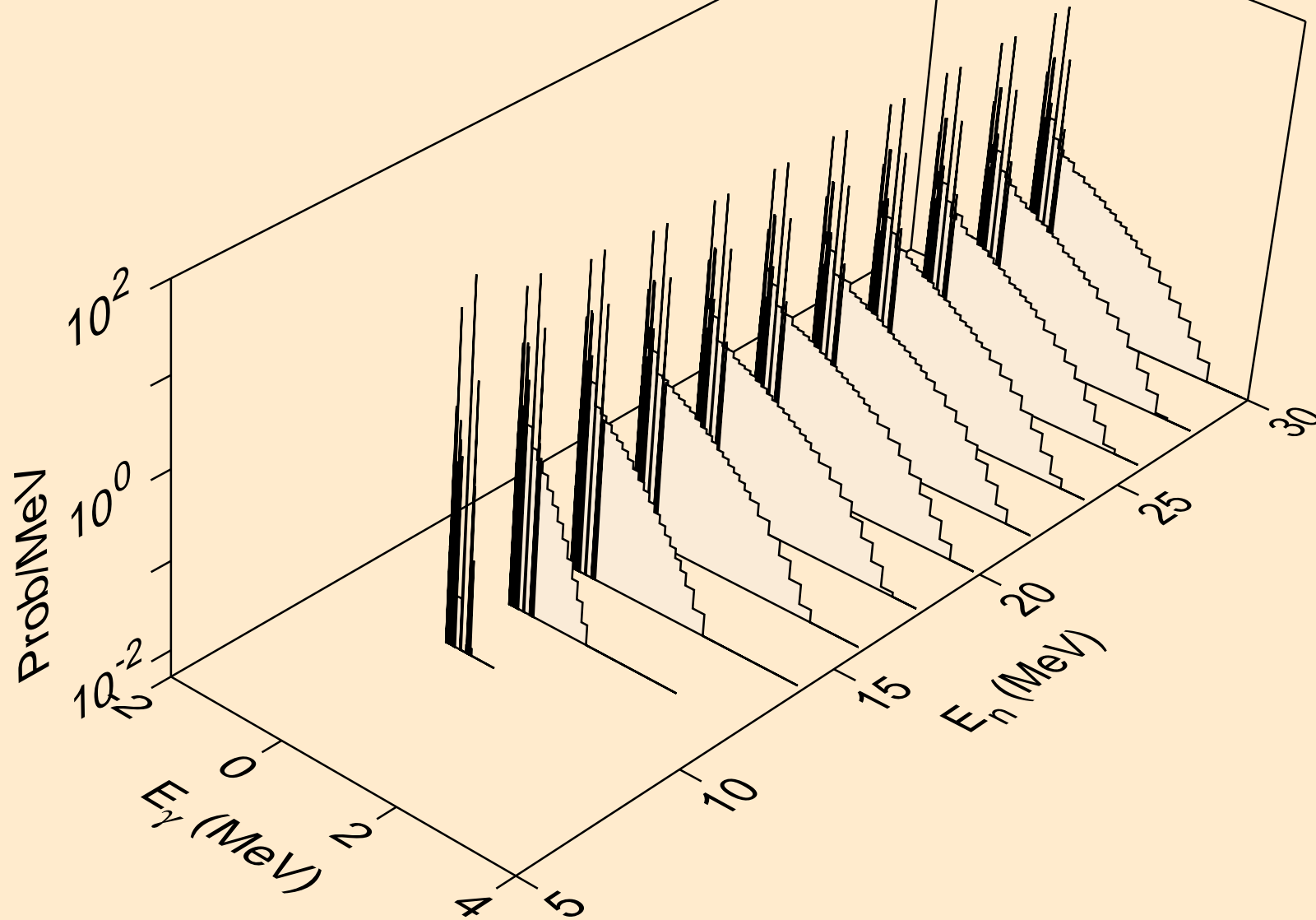
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



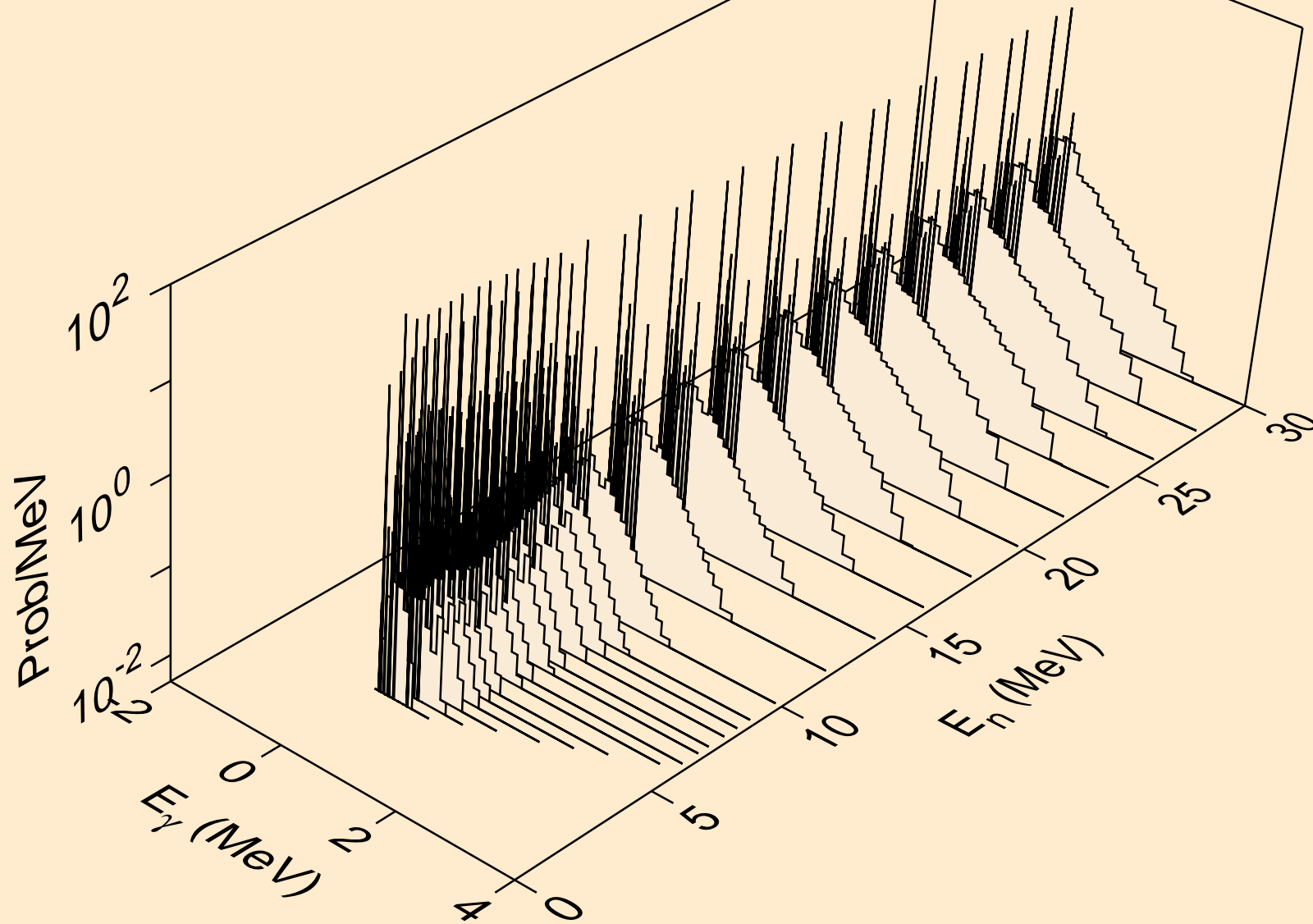
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



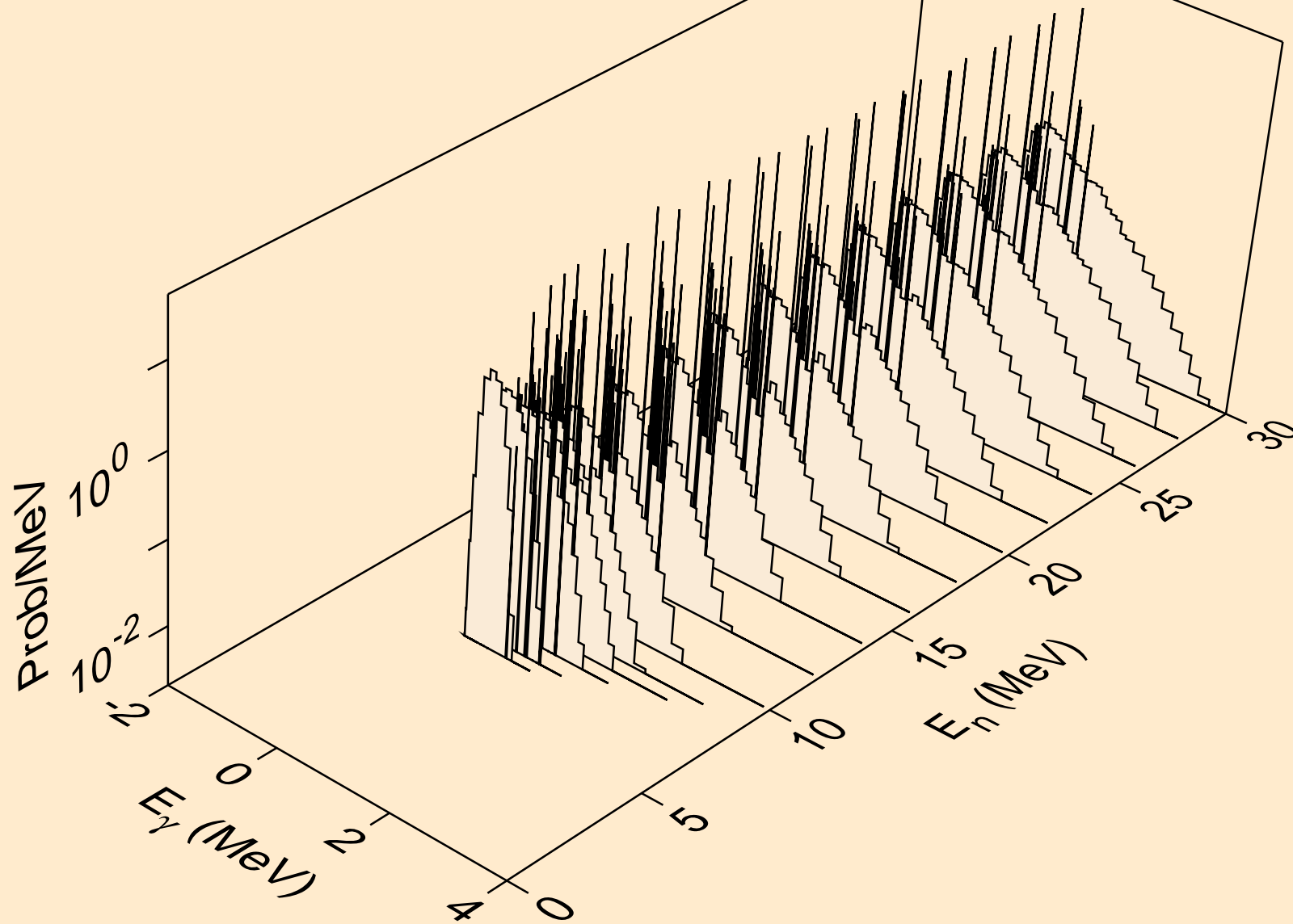
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

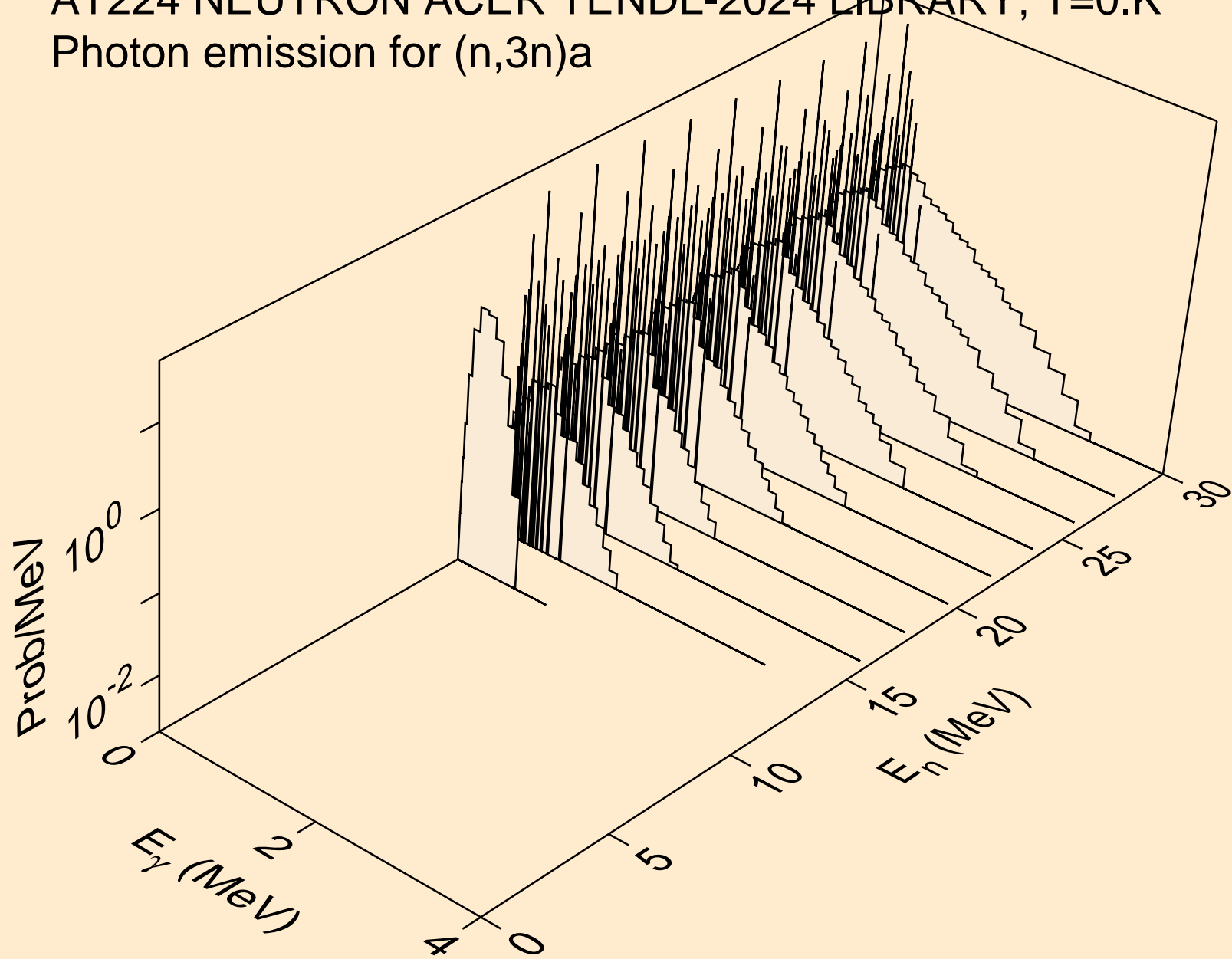


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

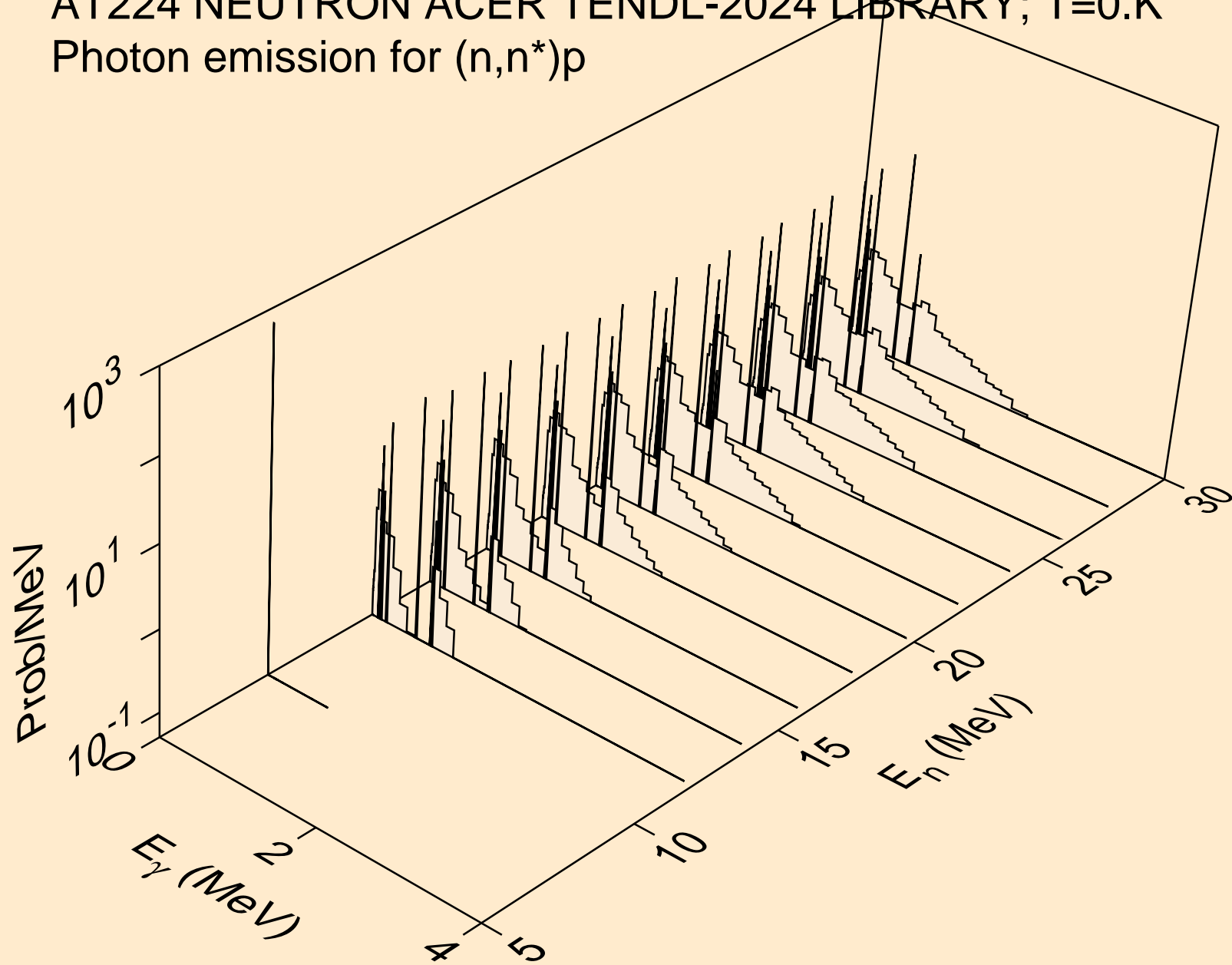




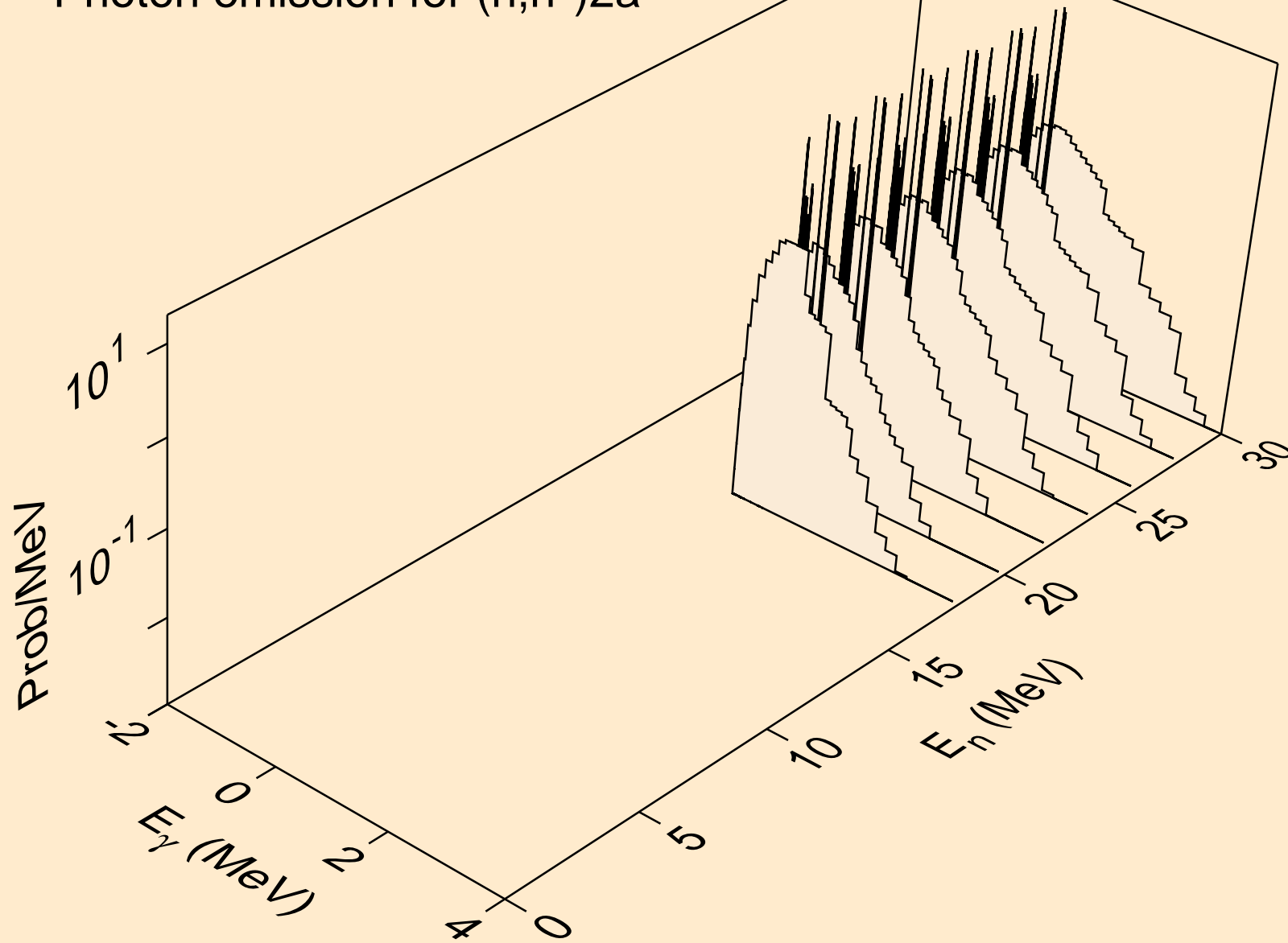
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



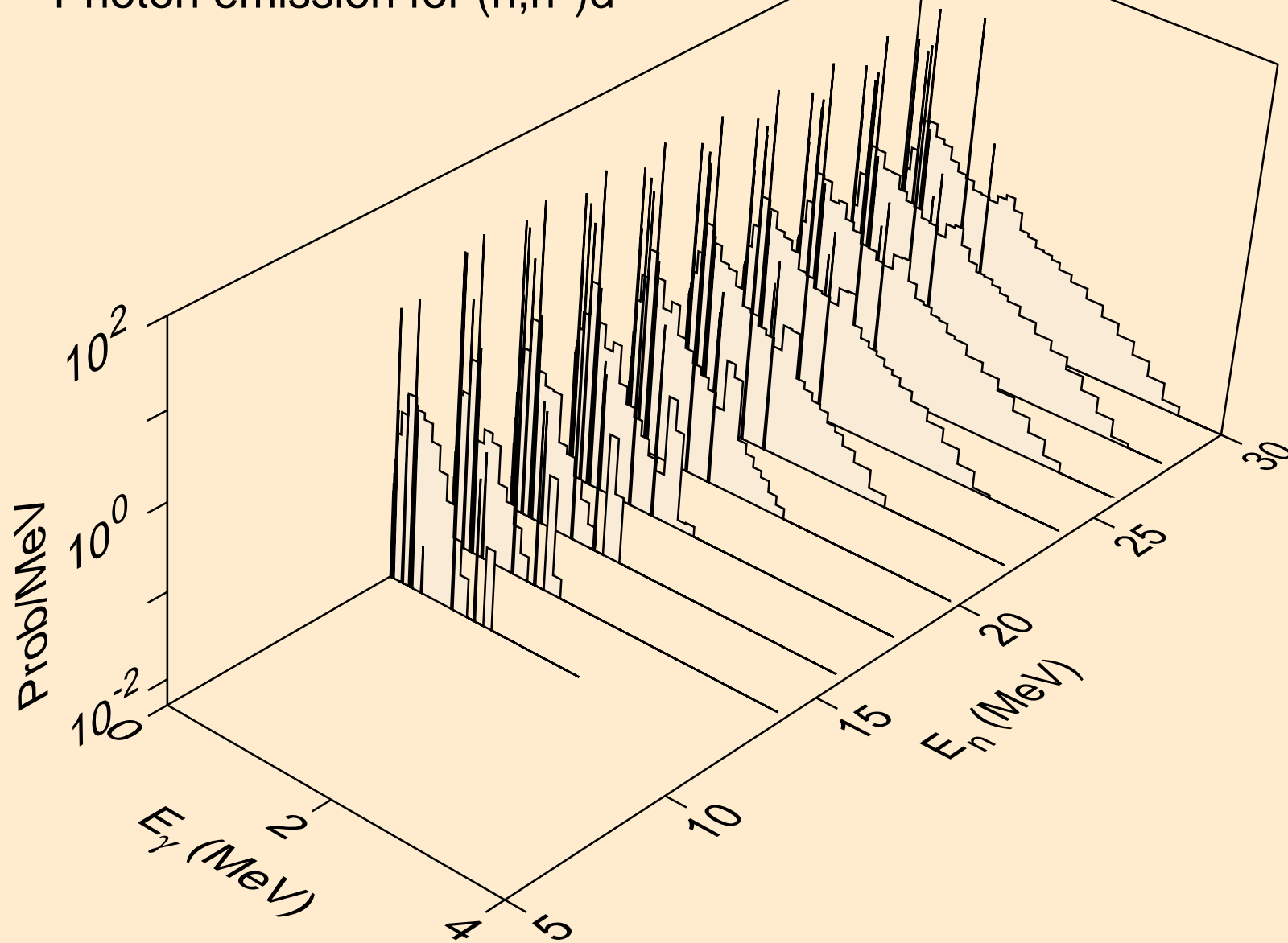
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



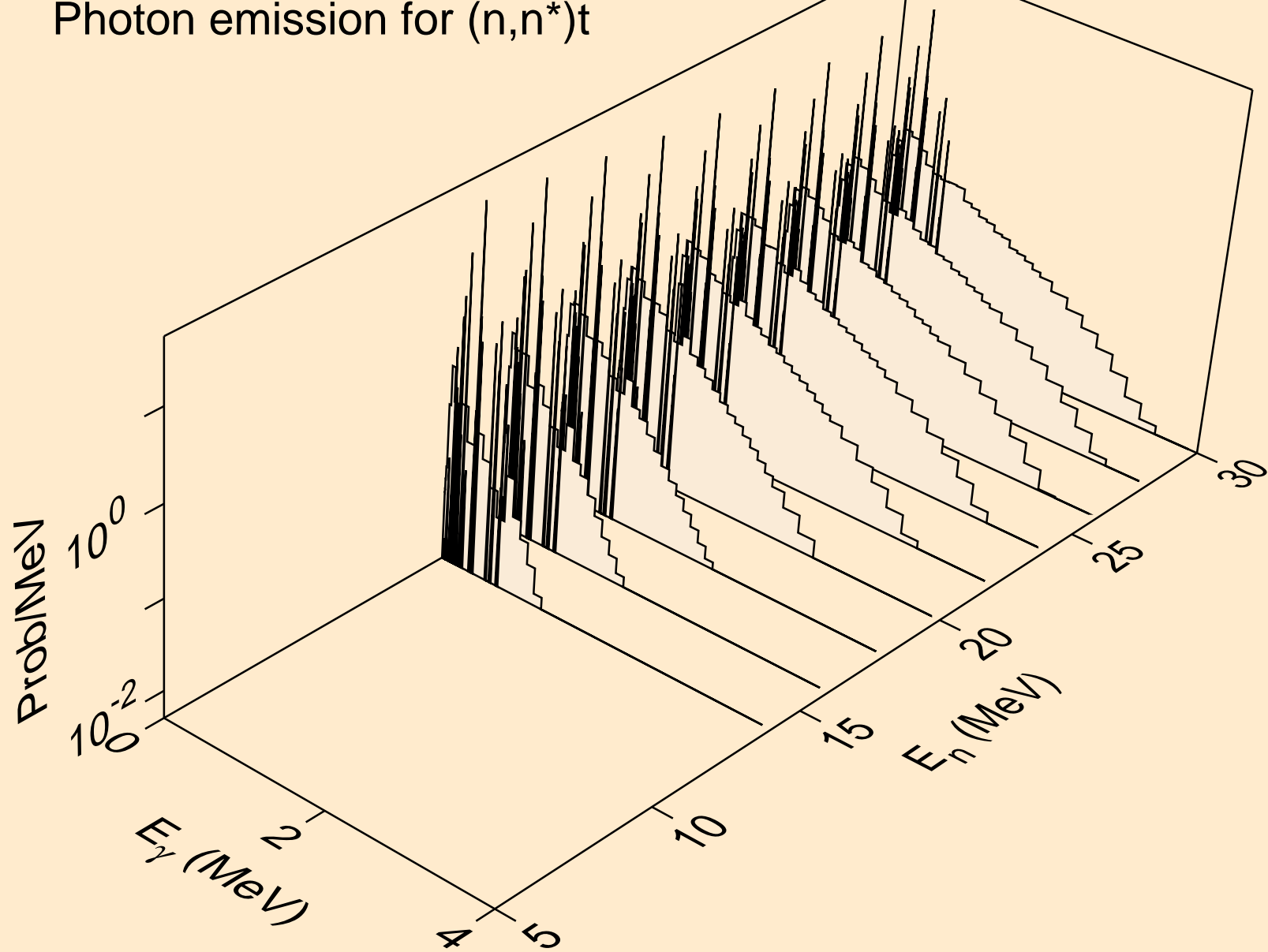
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



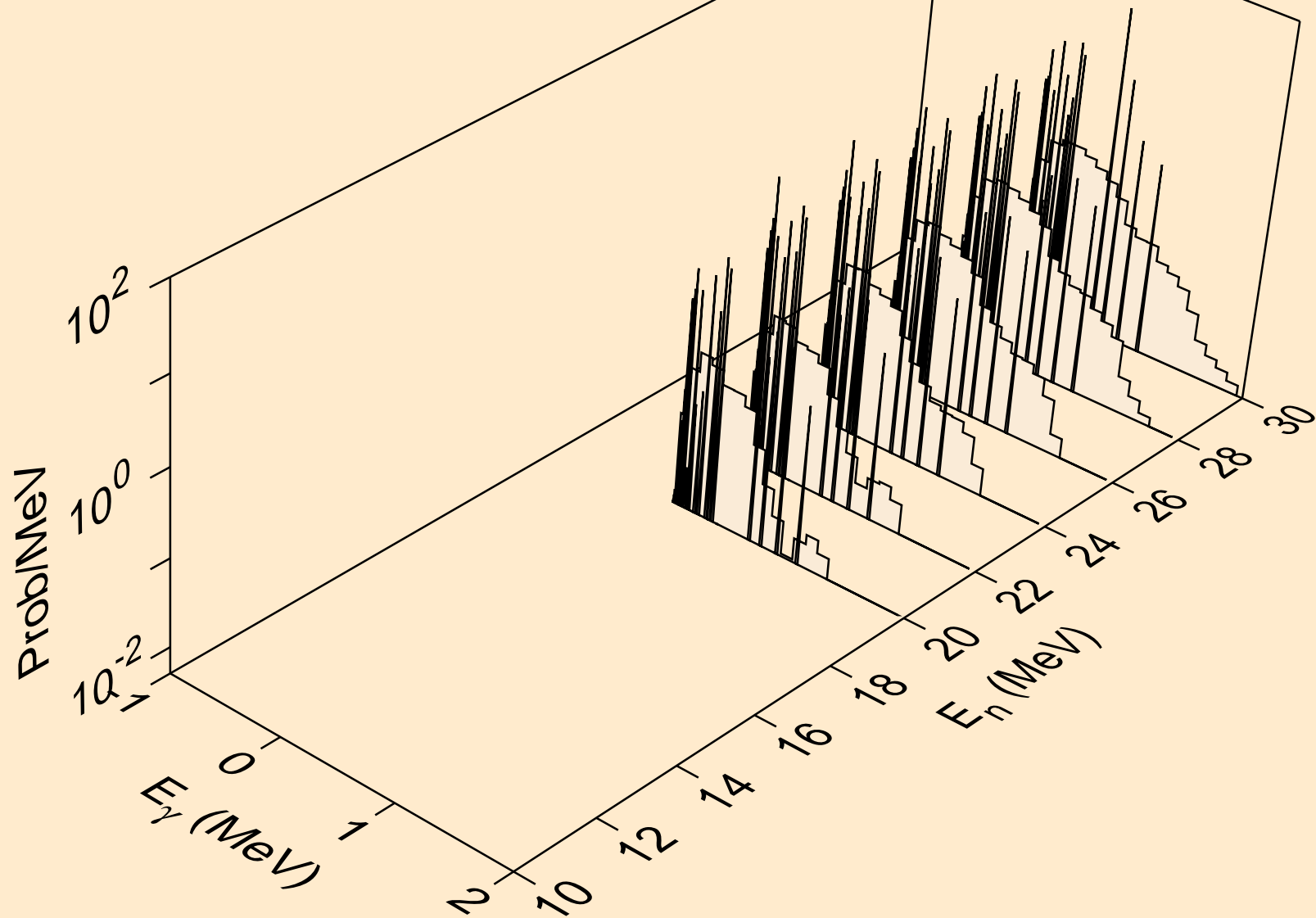
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



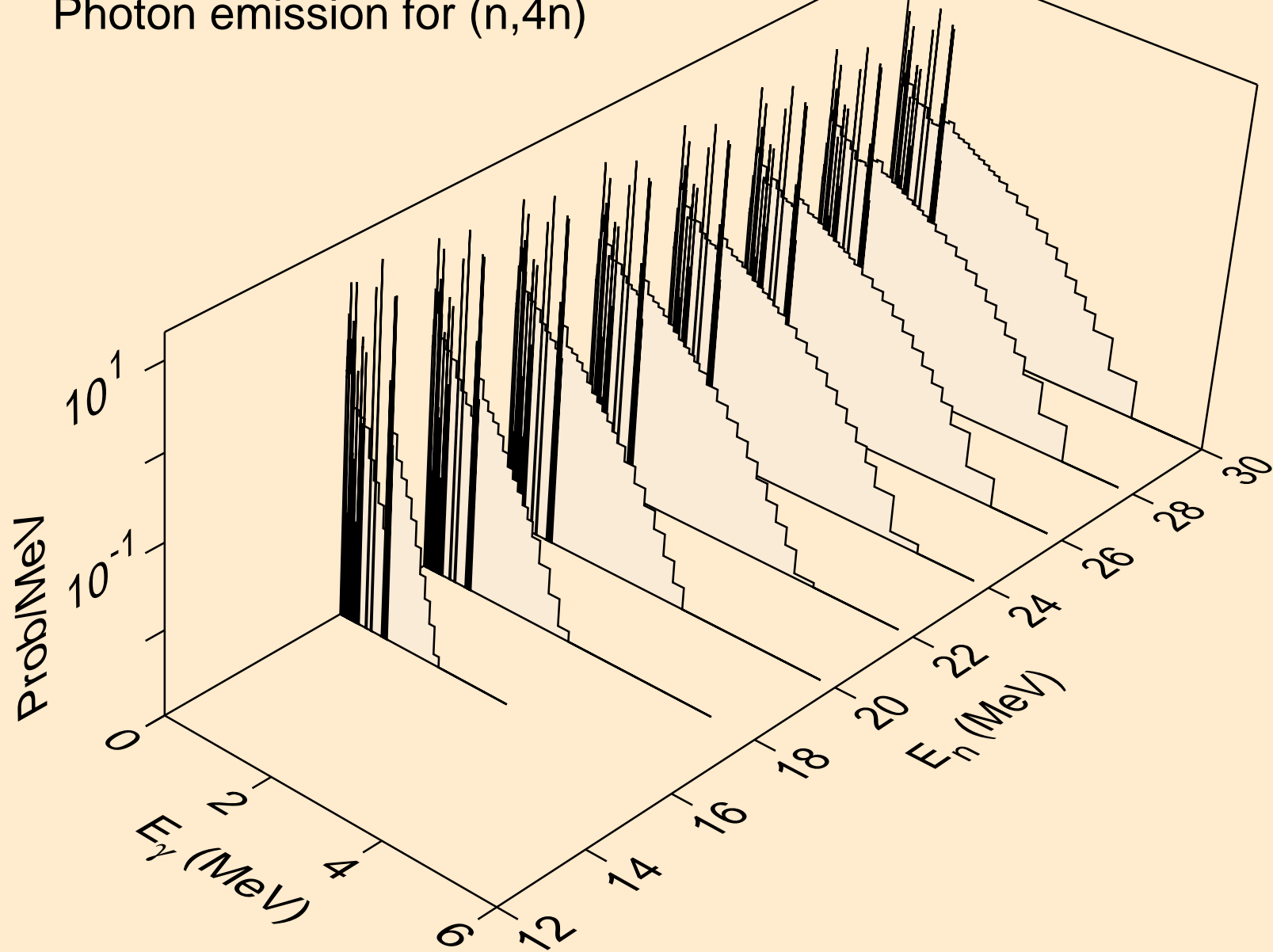
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



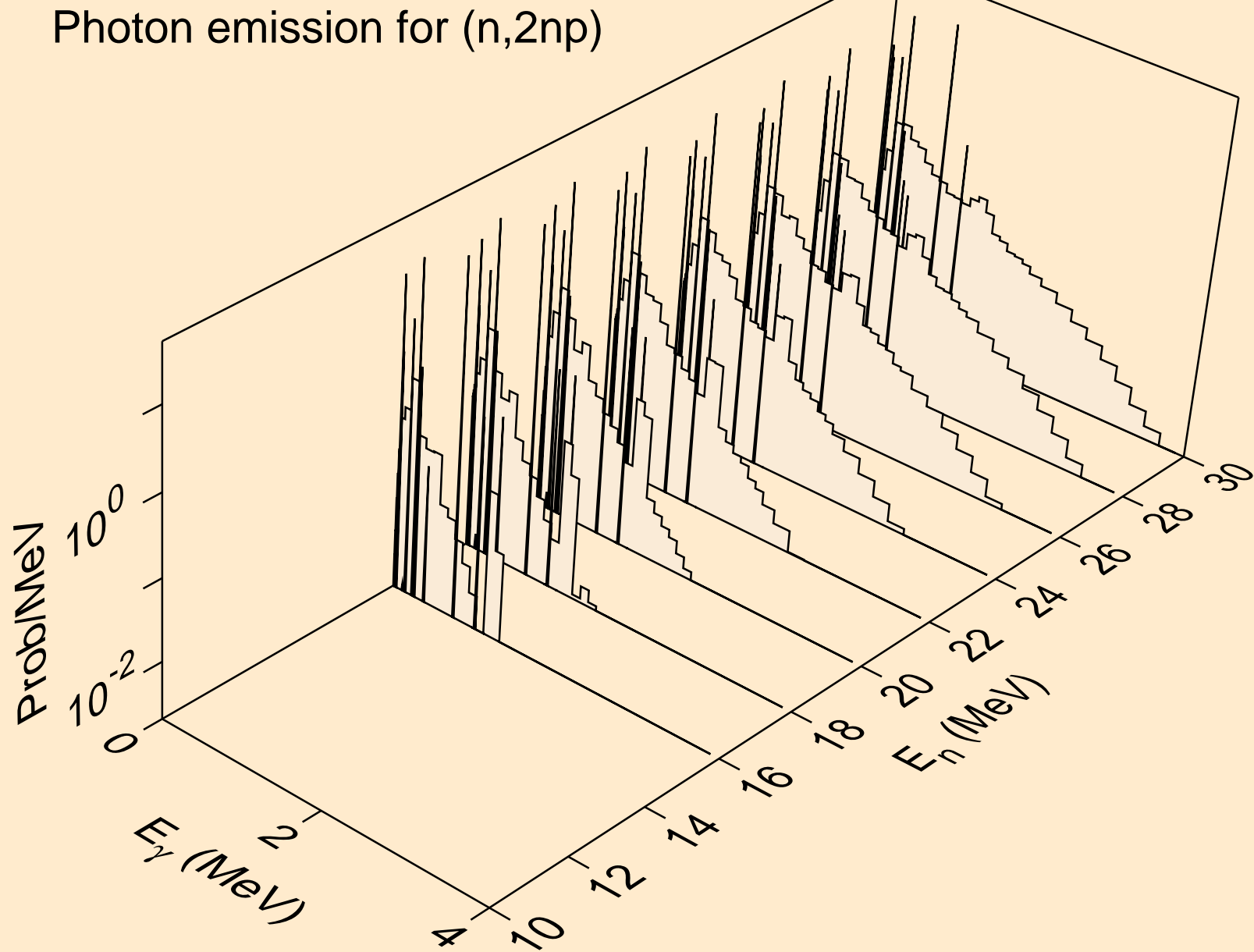
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

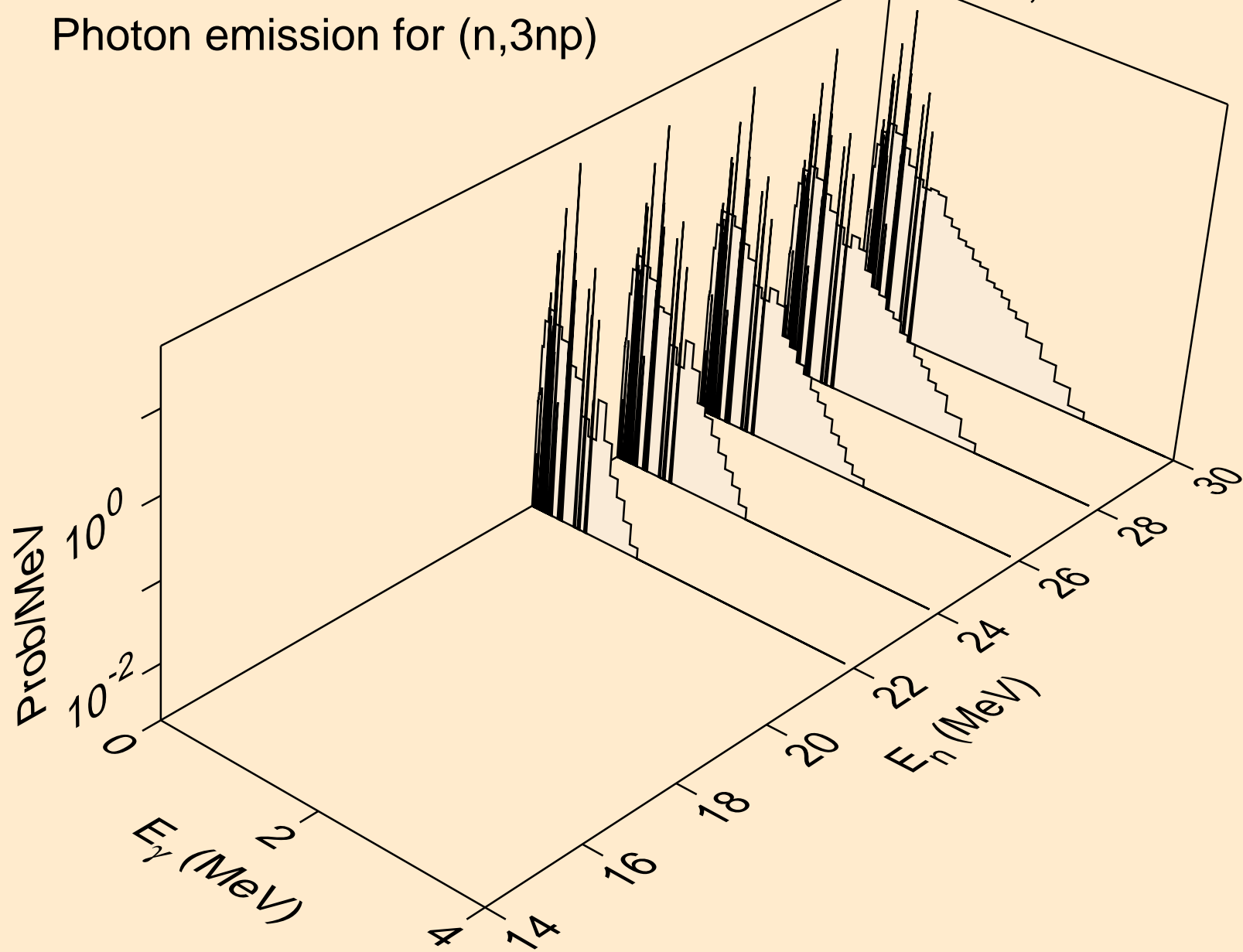


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

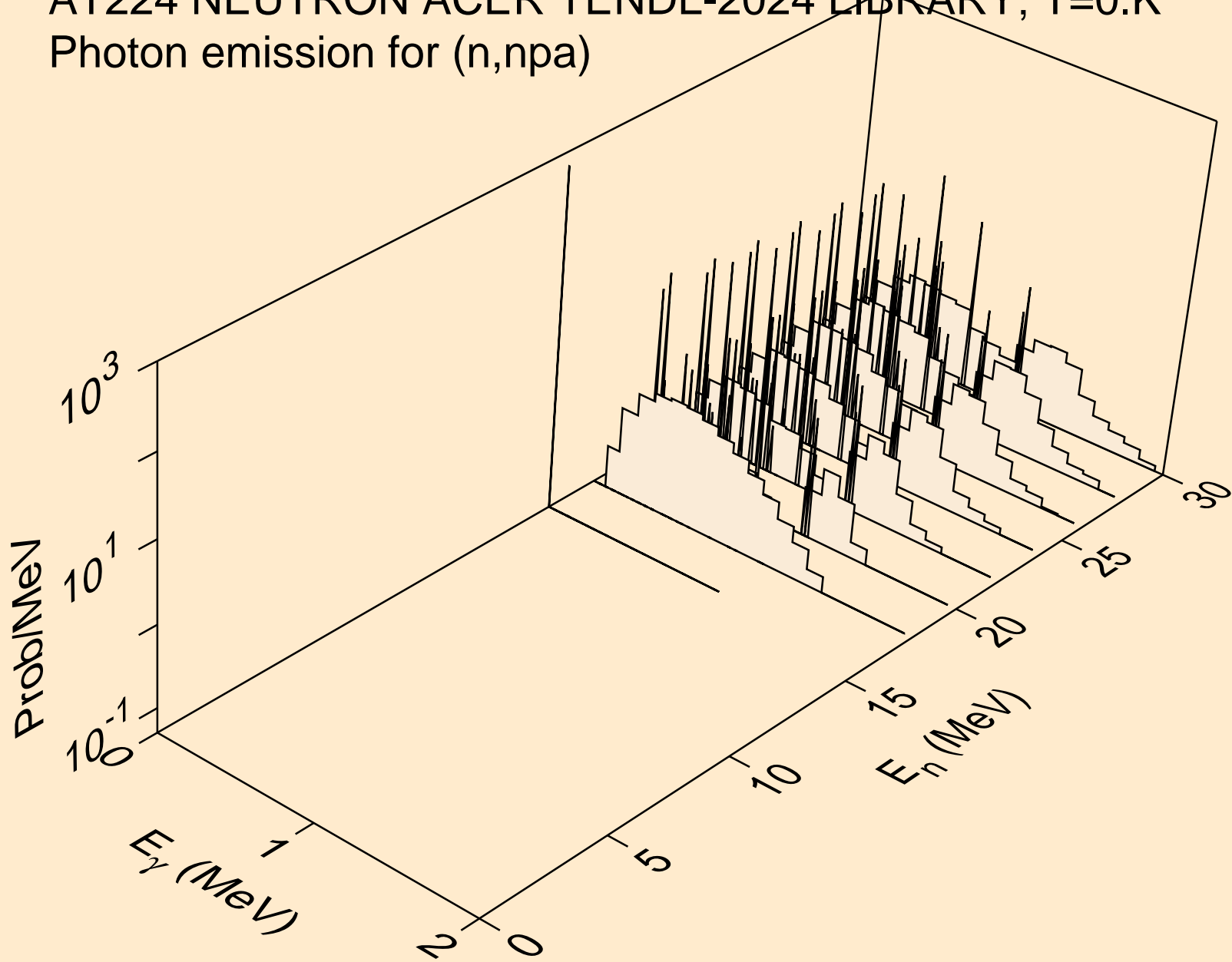




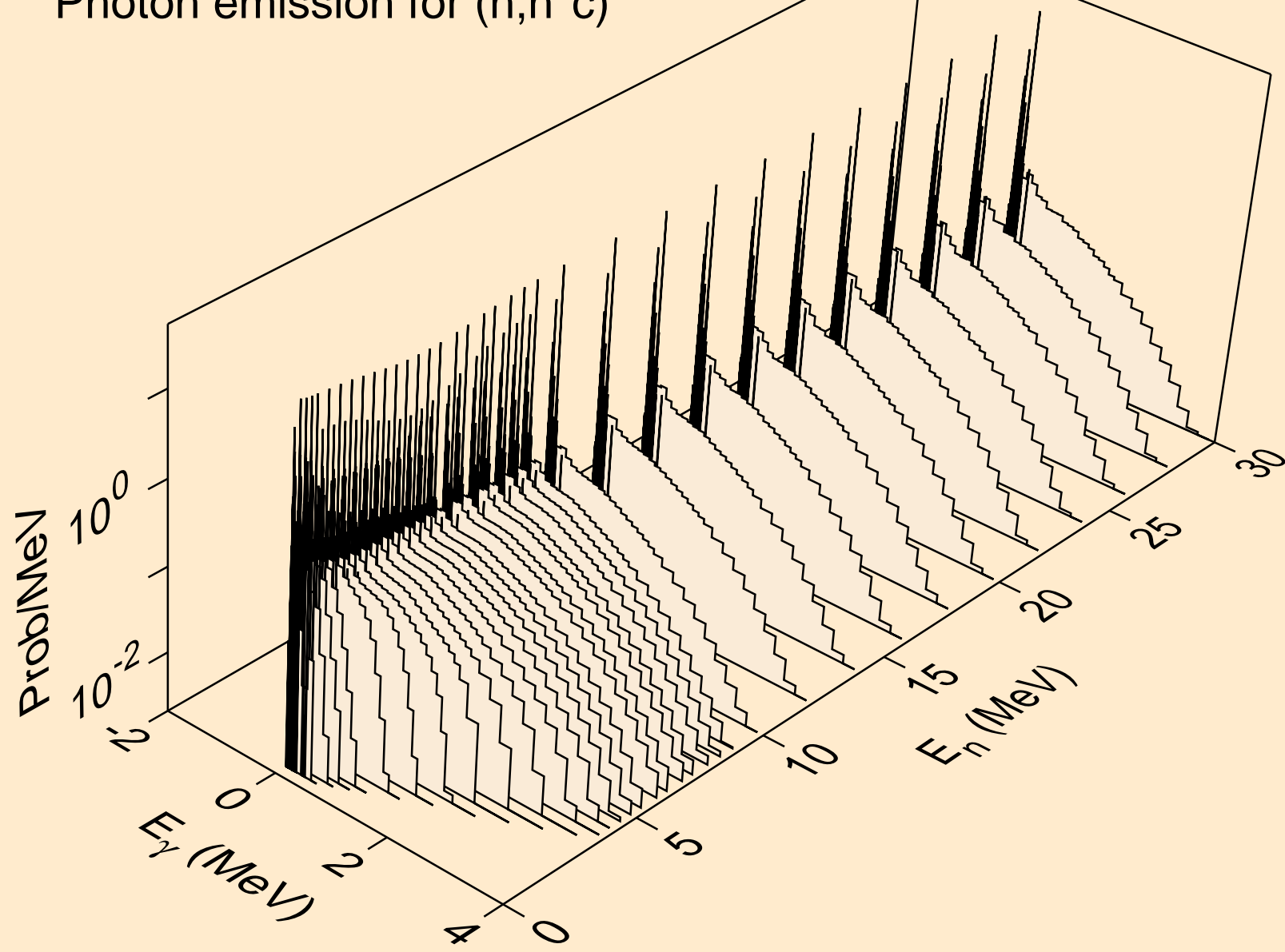
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



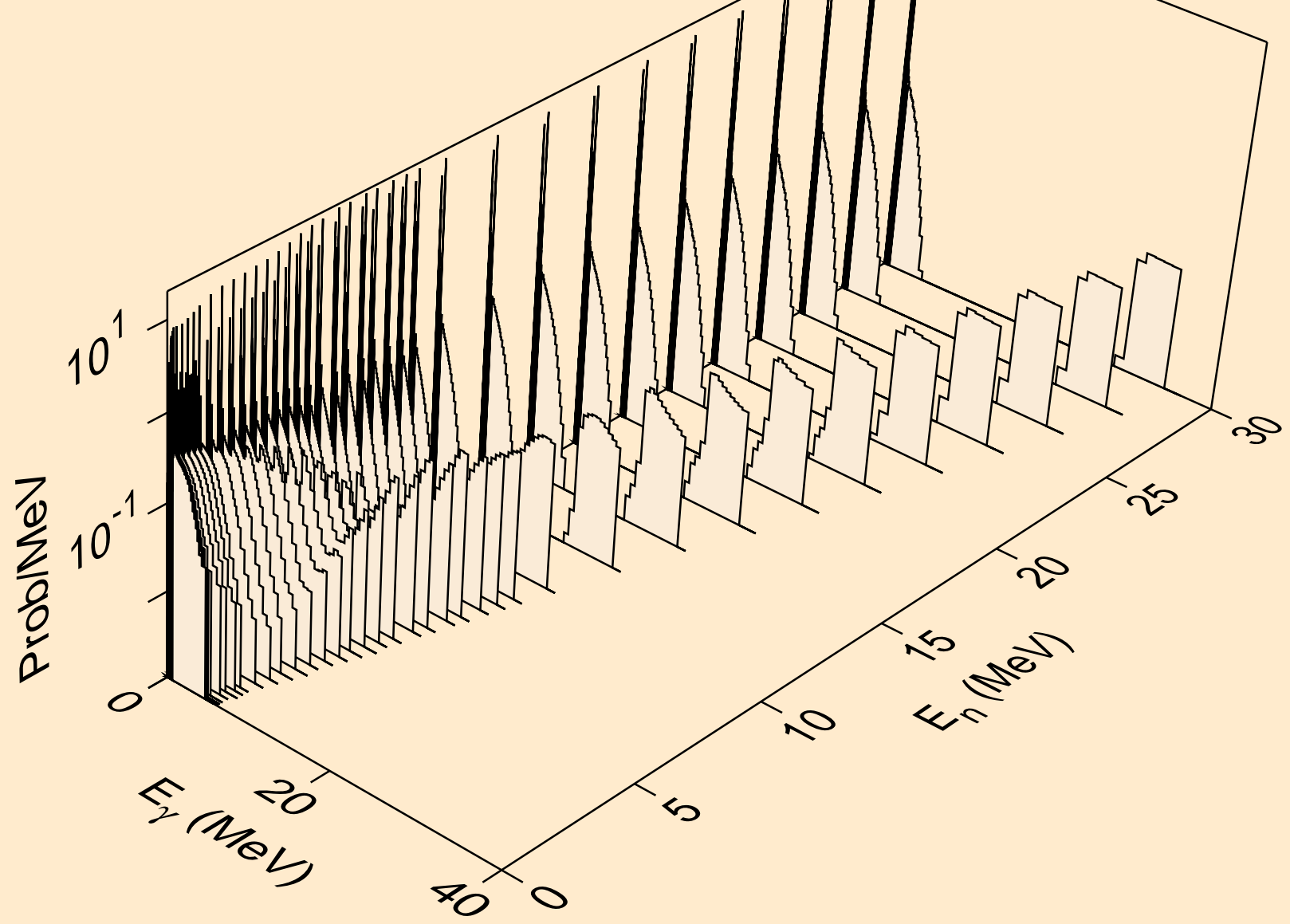
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



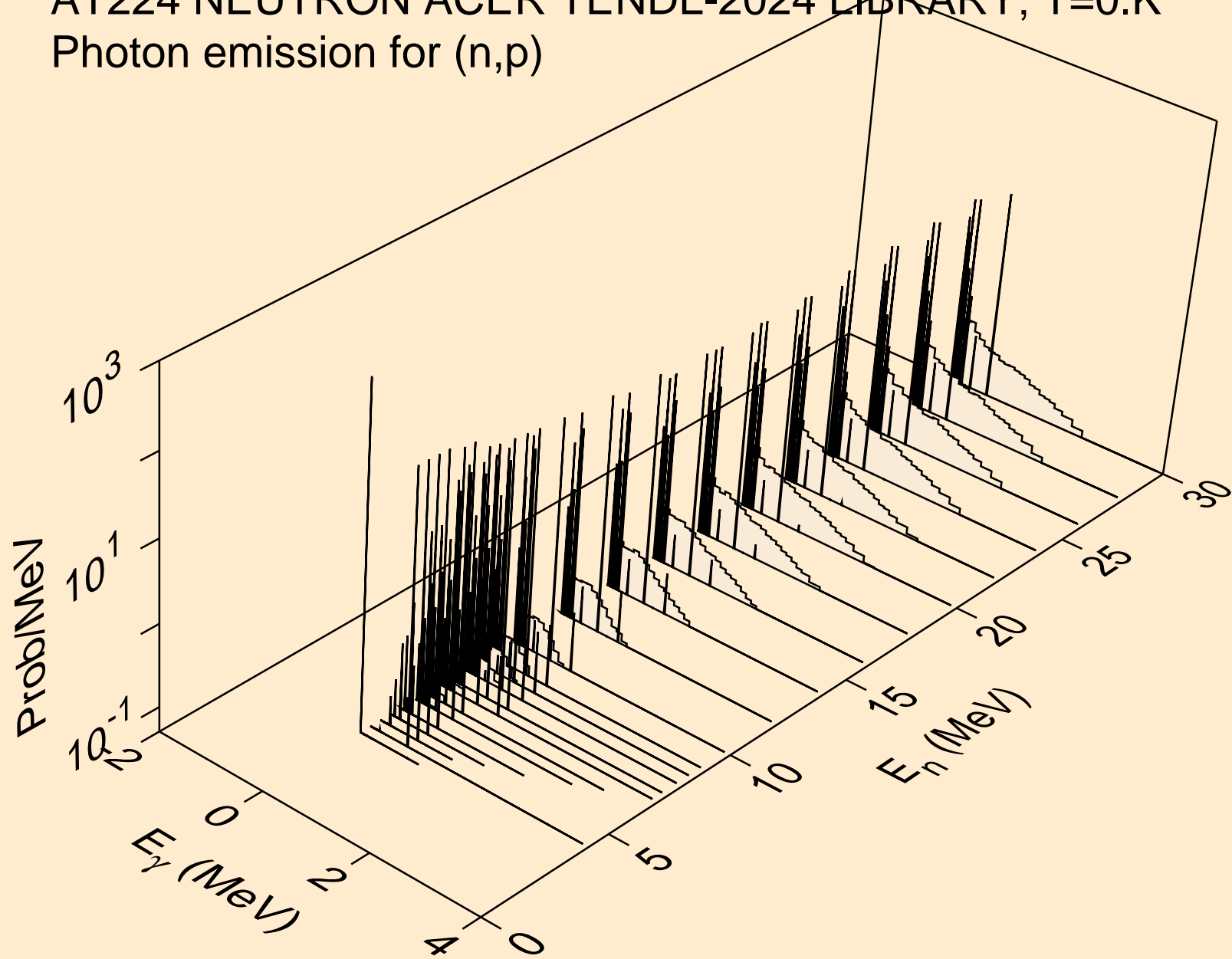
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



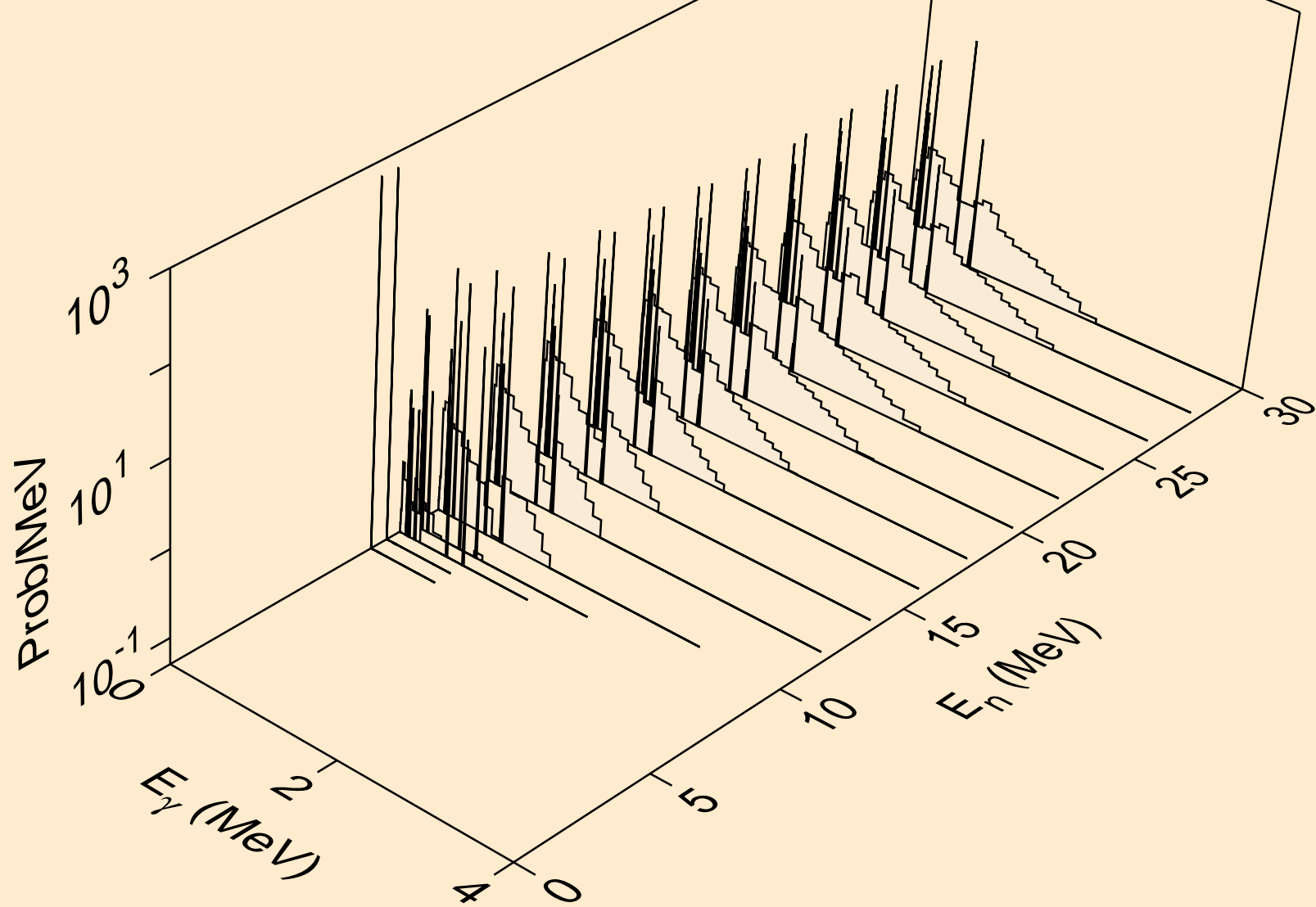
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



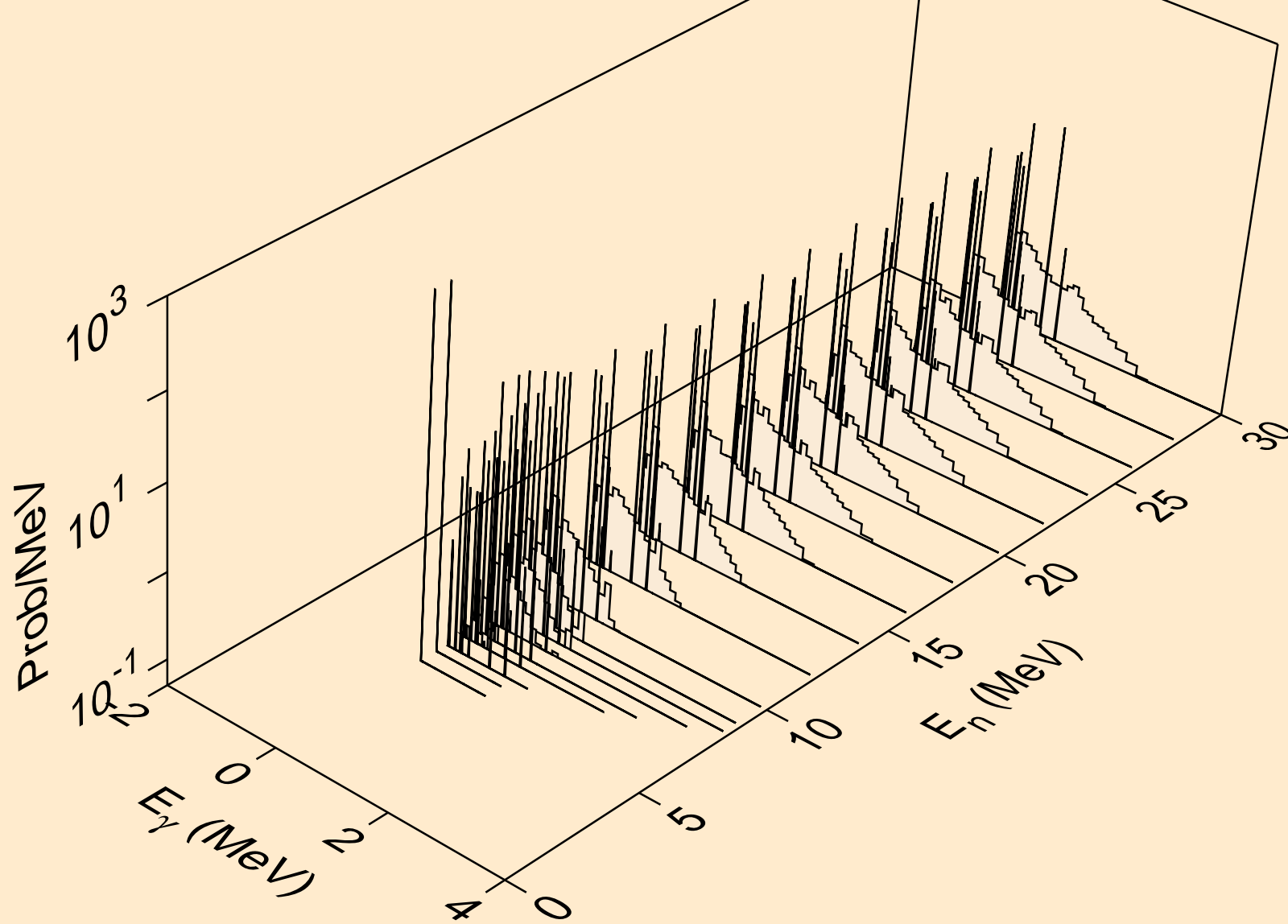
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



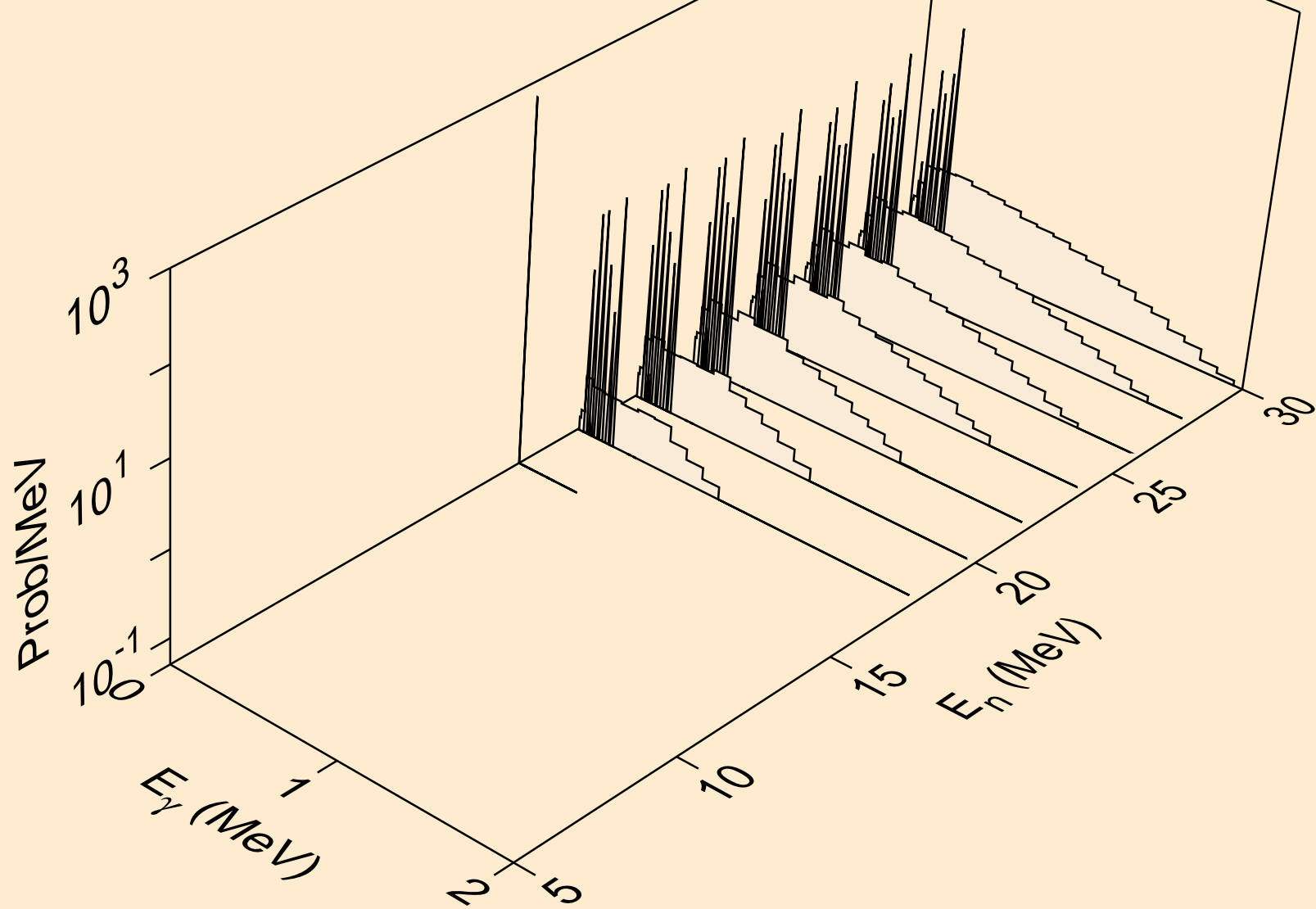
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

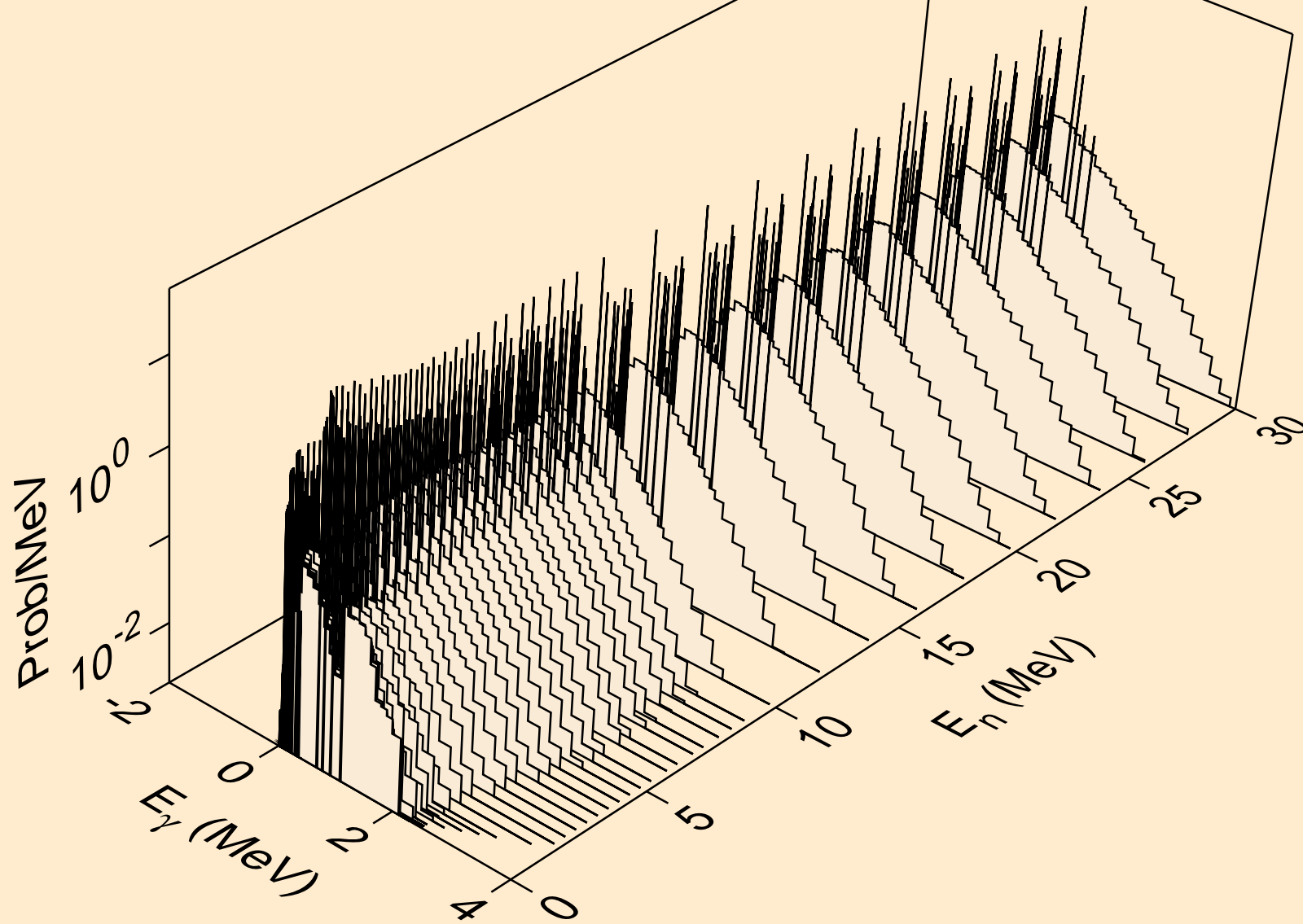


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

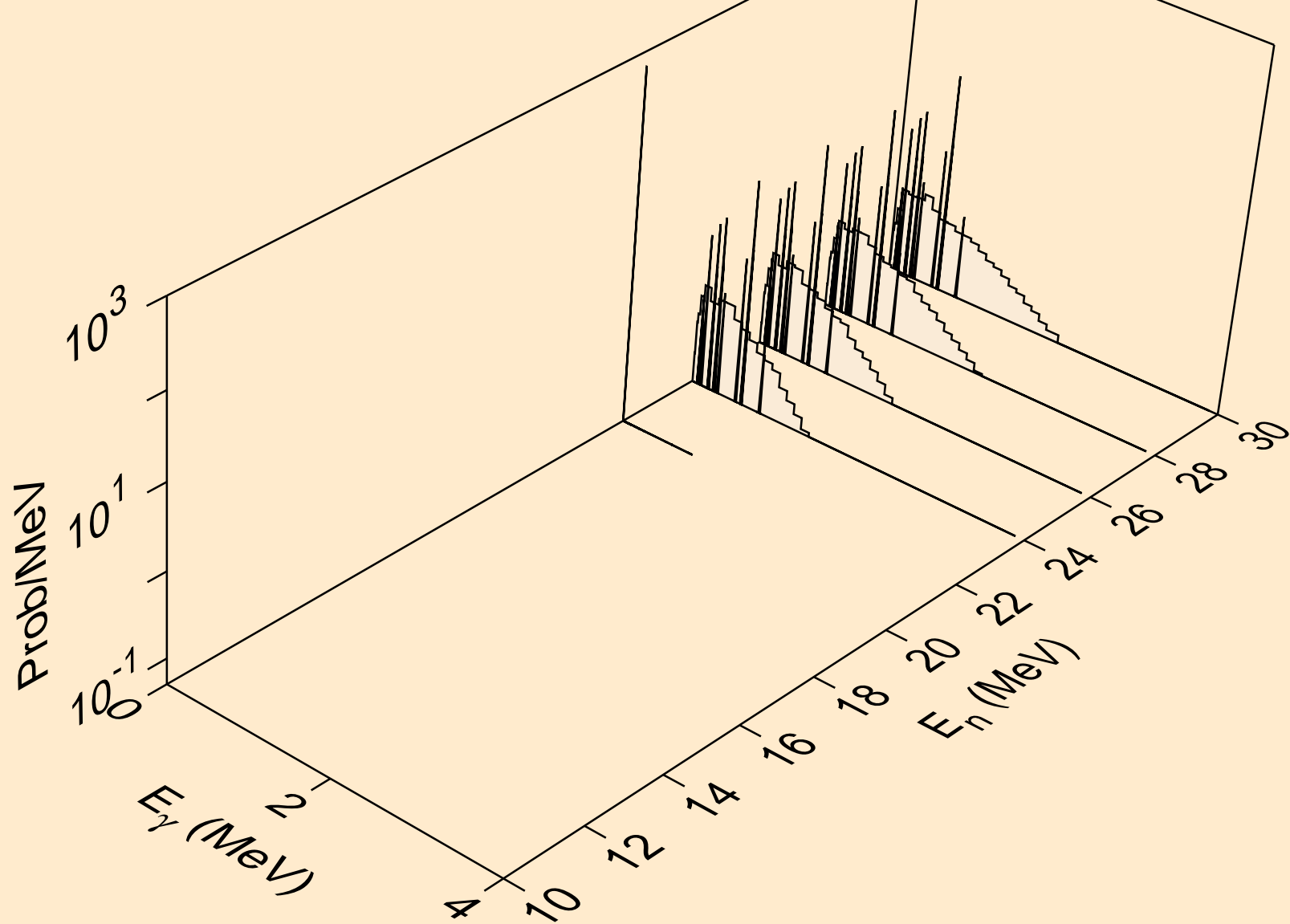




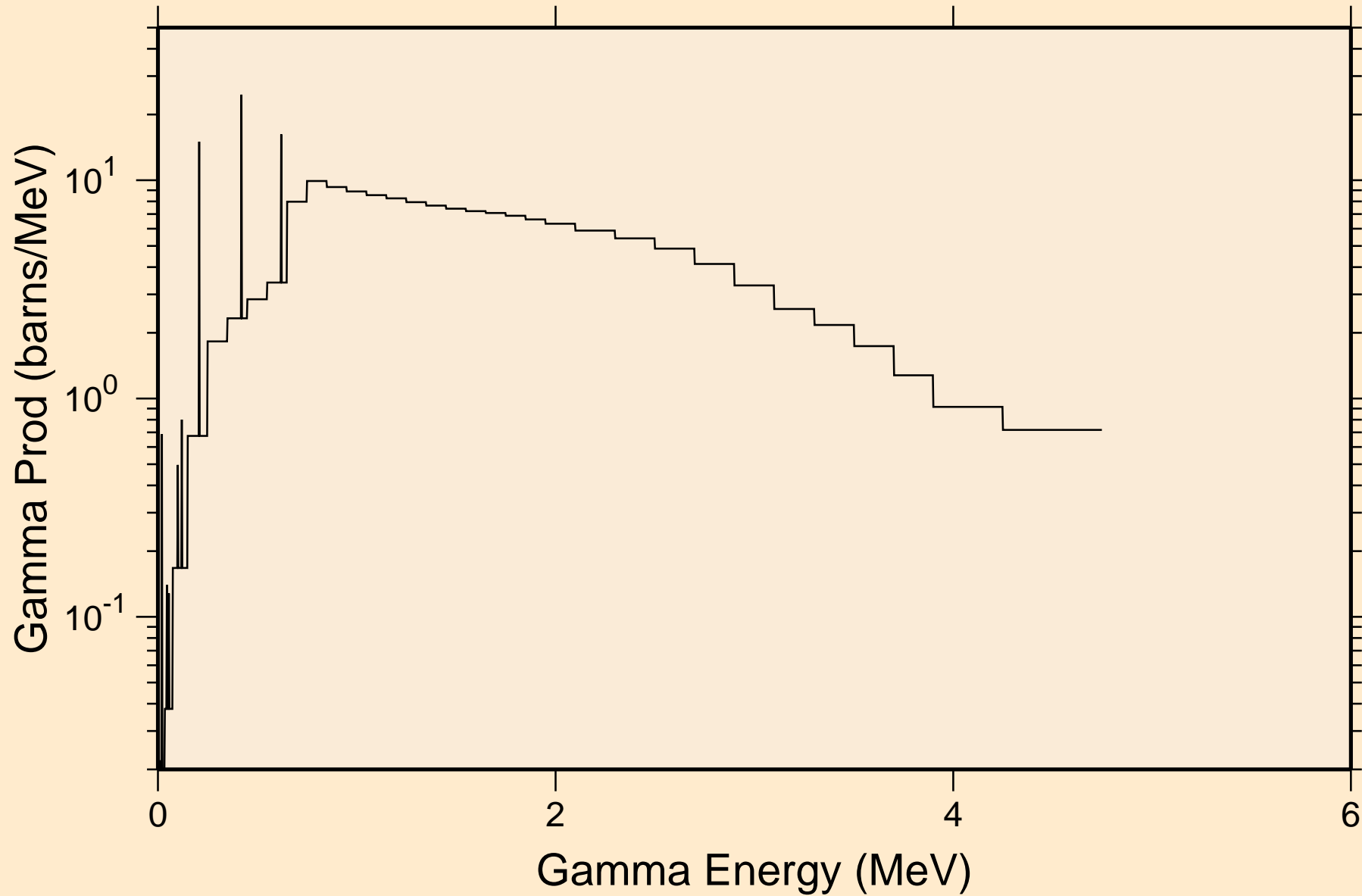
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



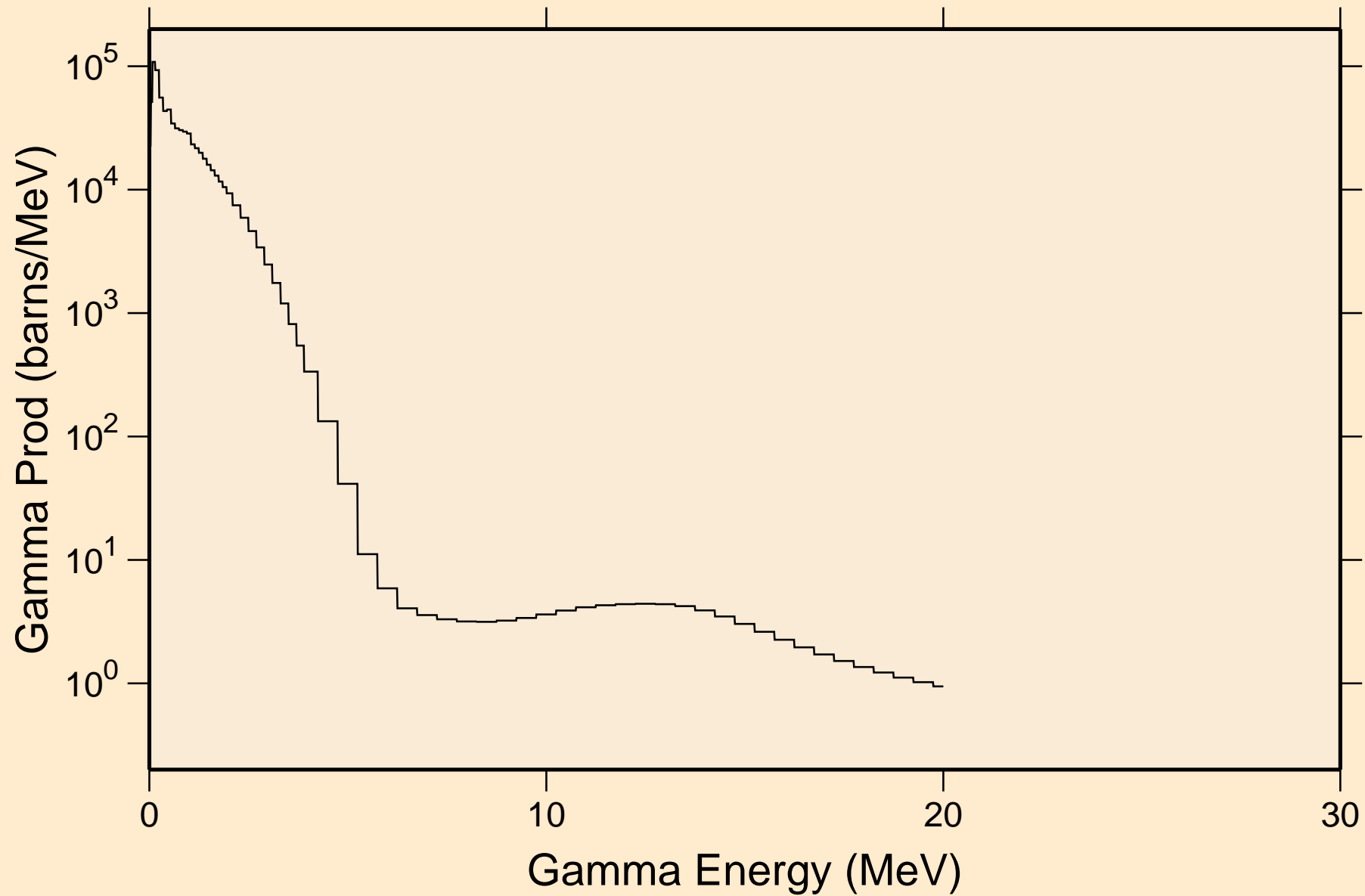
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

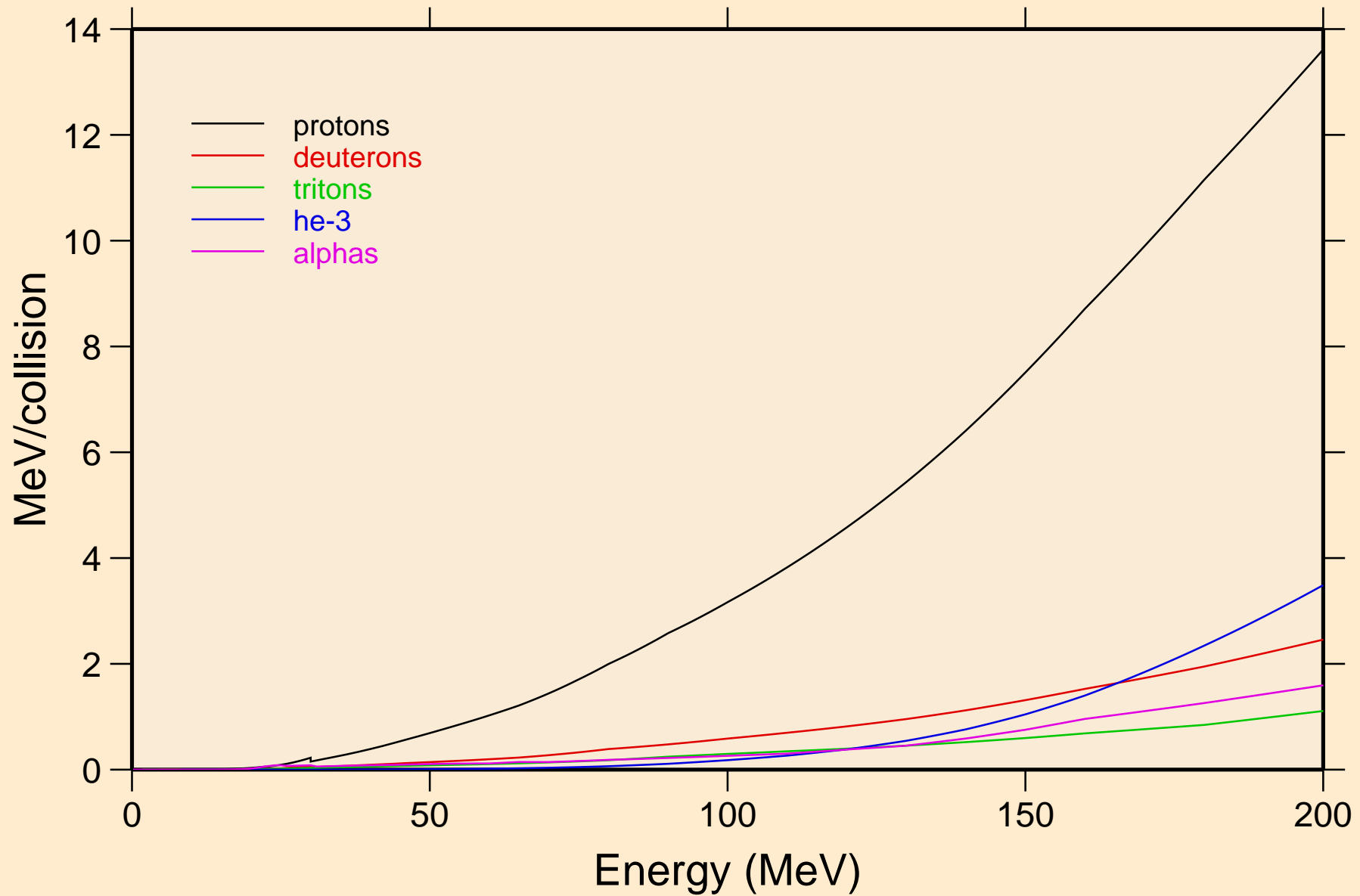


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

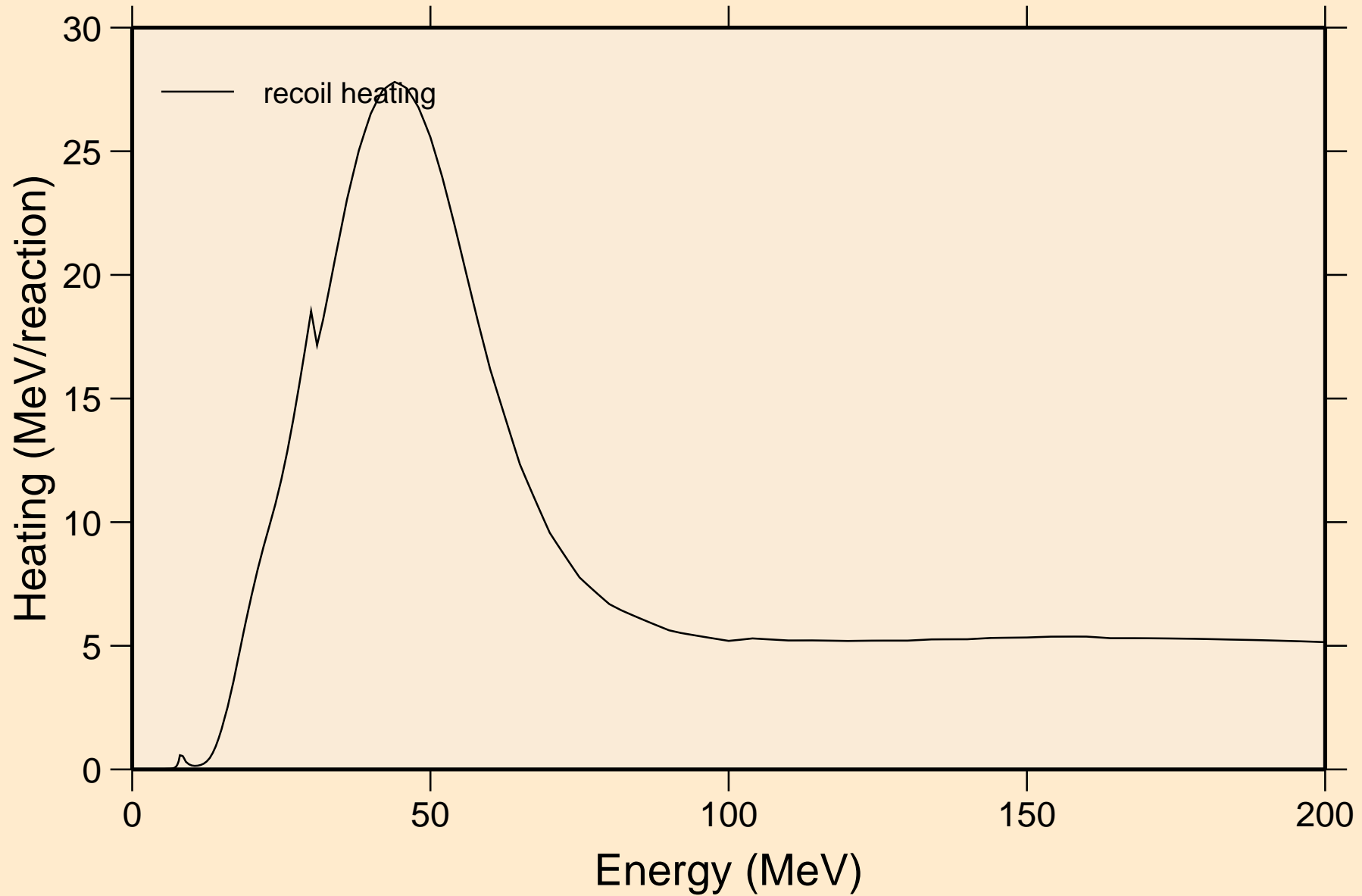


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

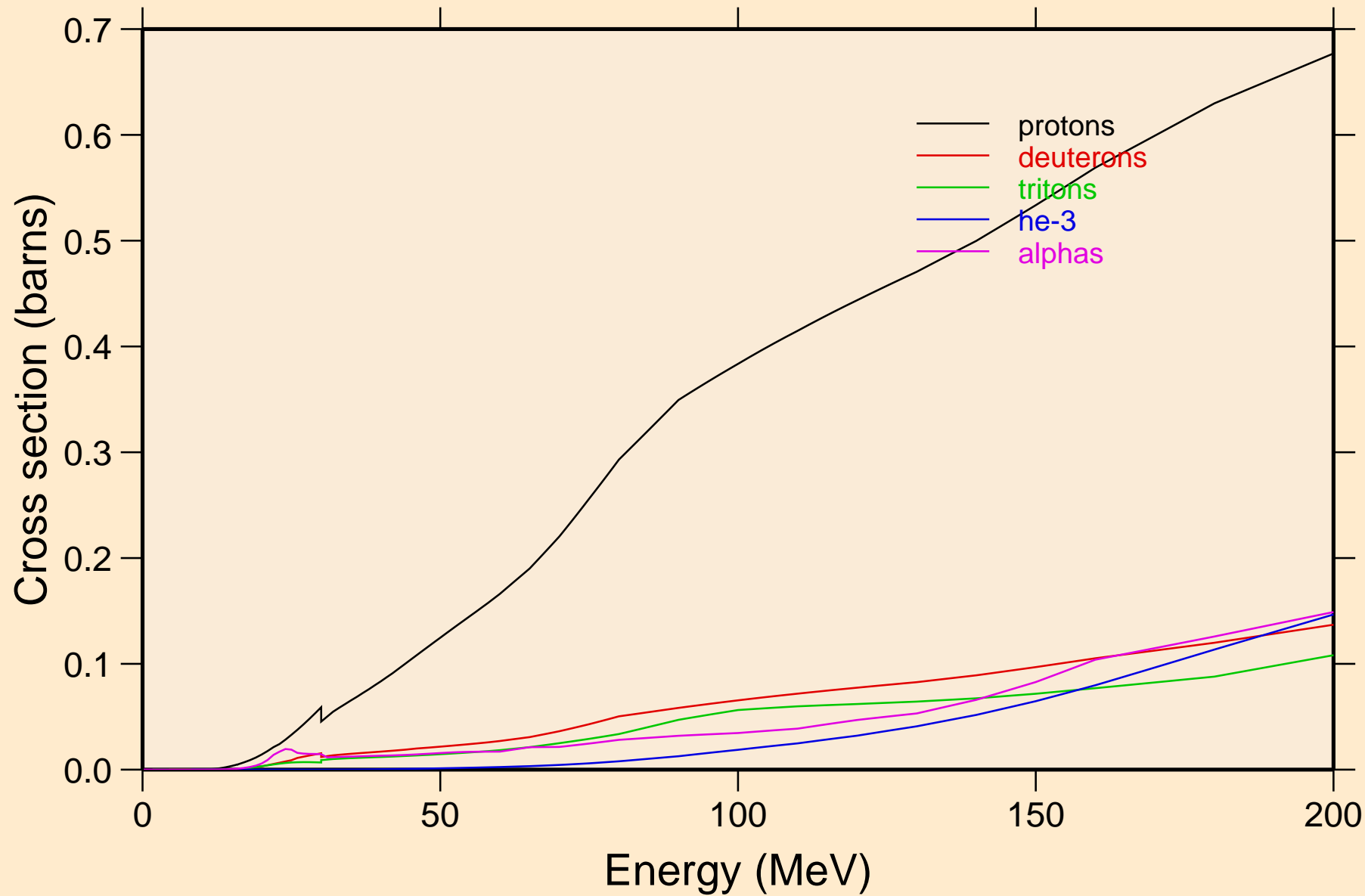


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

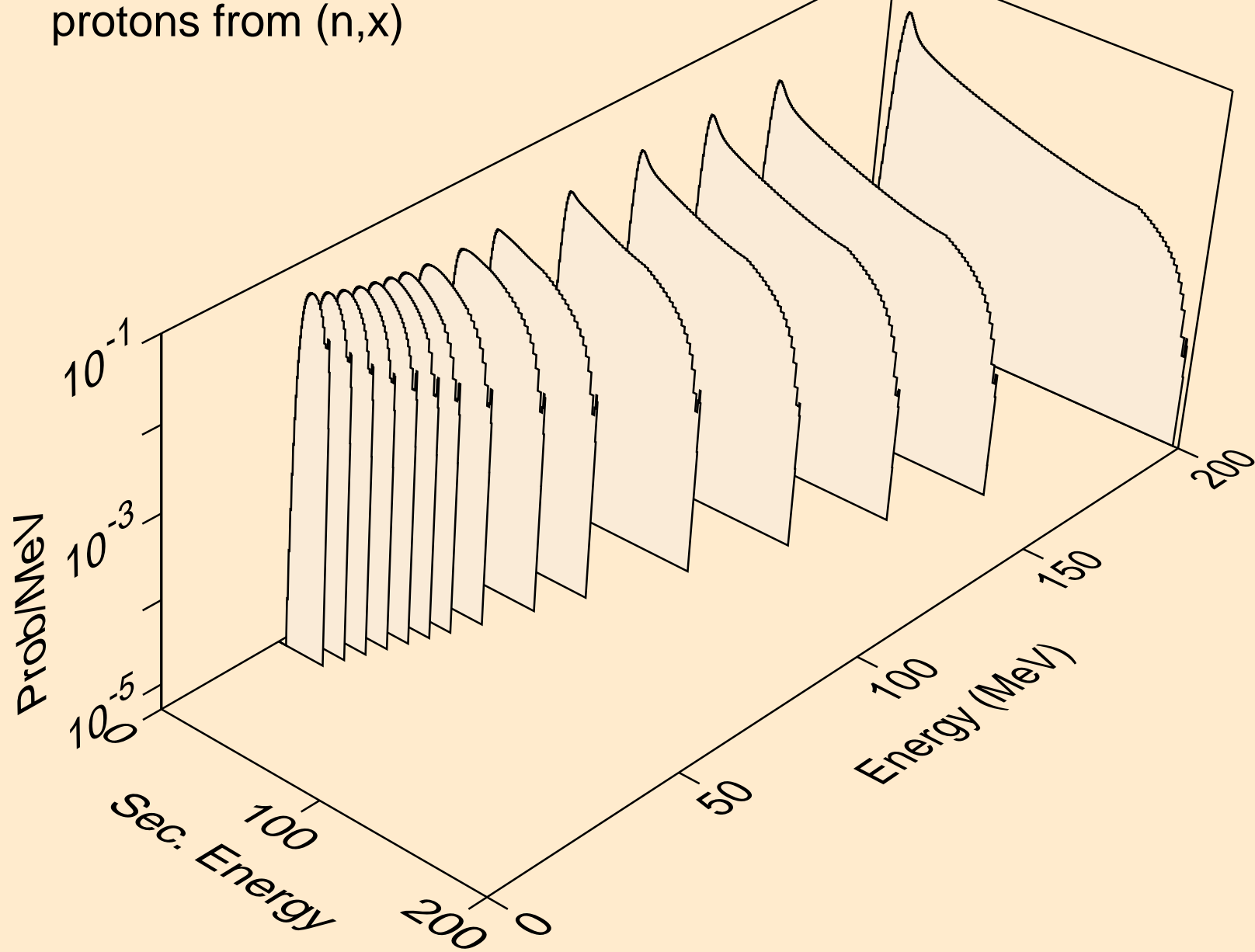


# AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

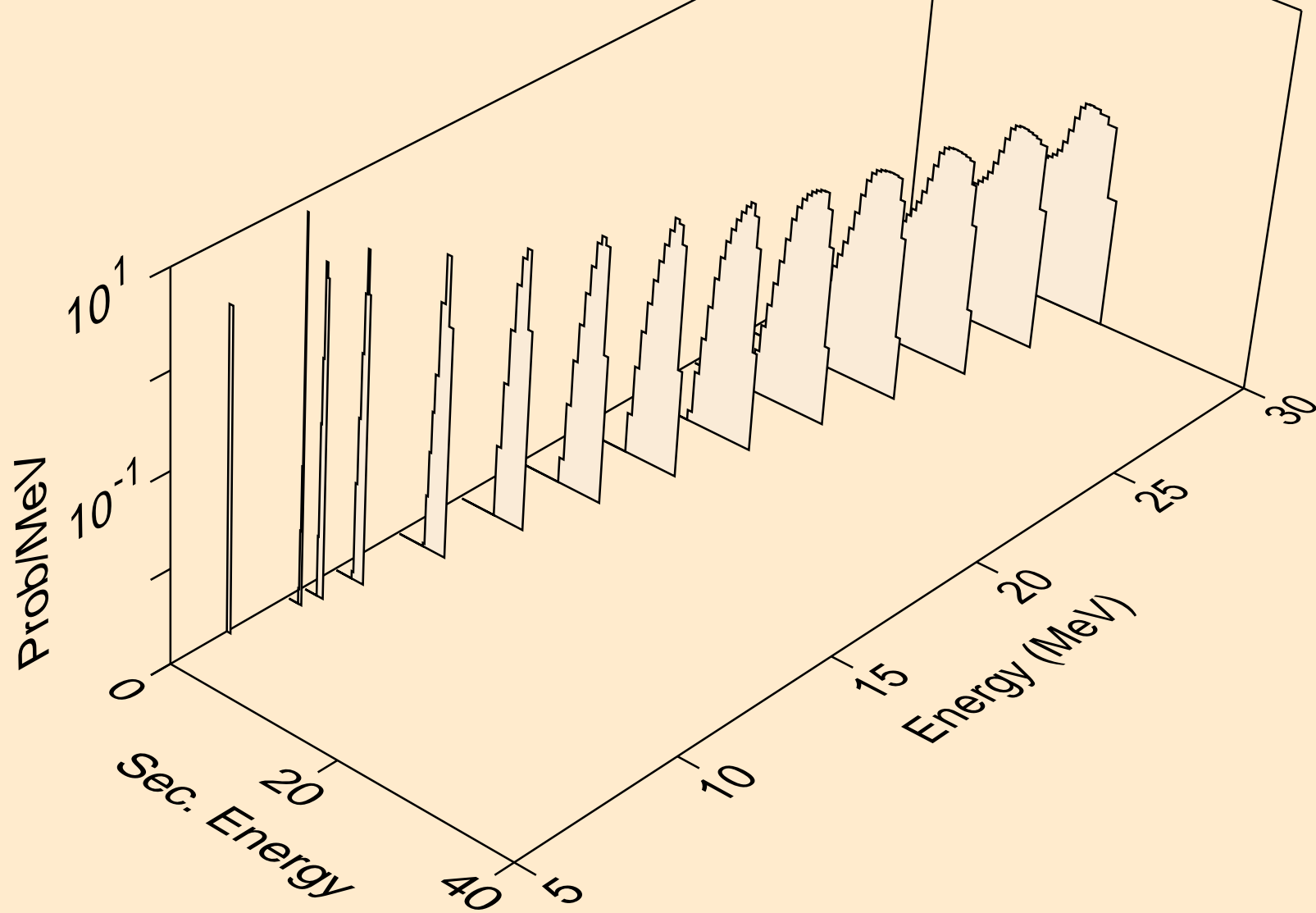


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

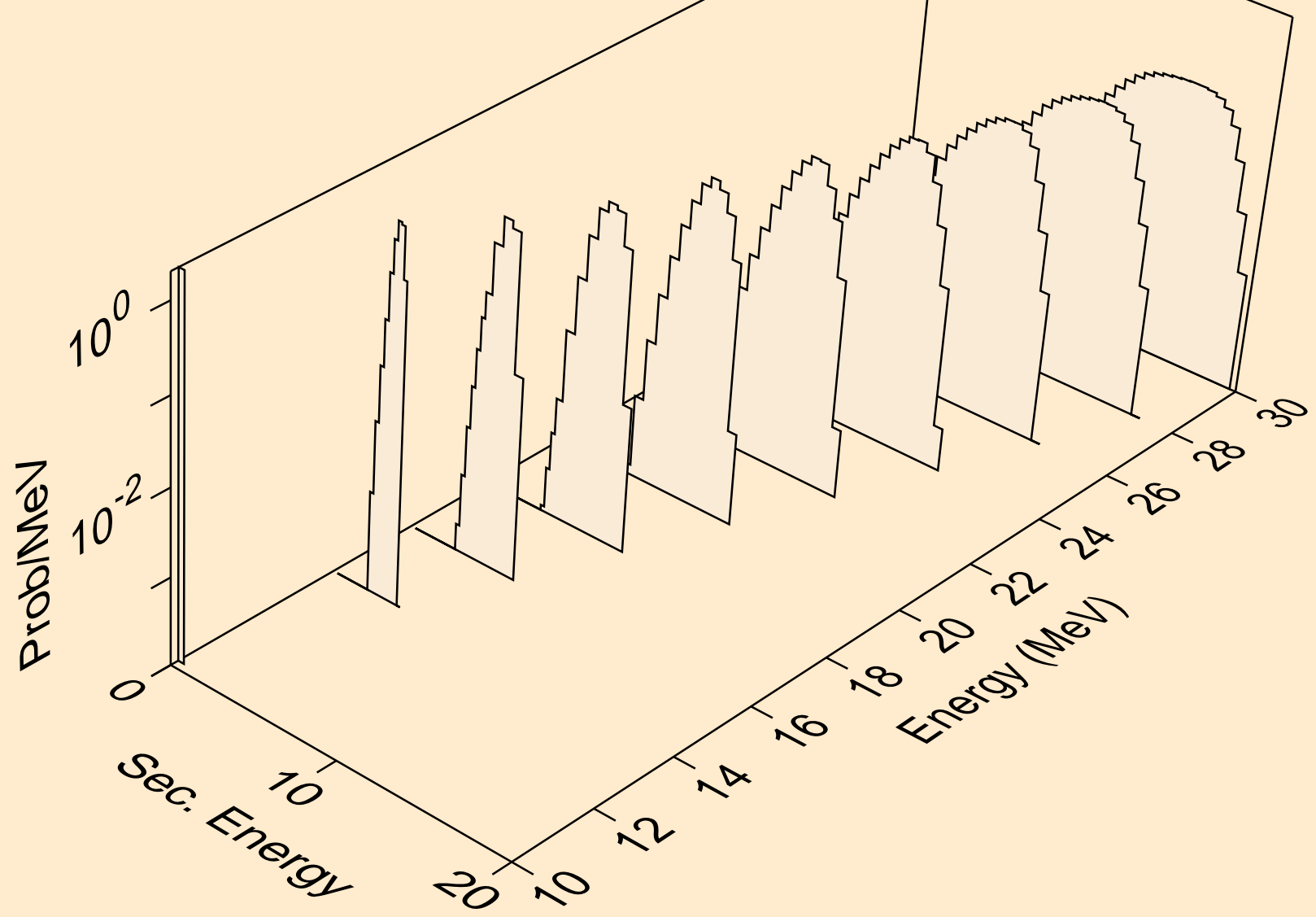




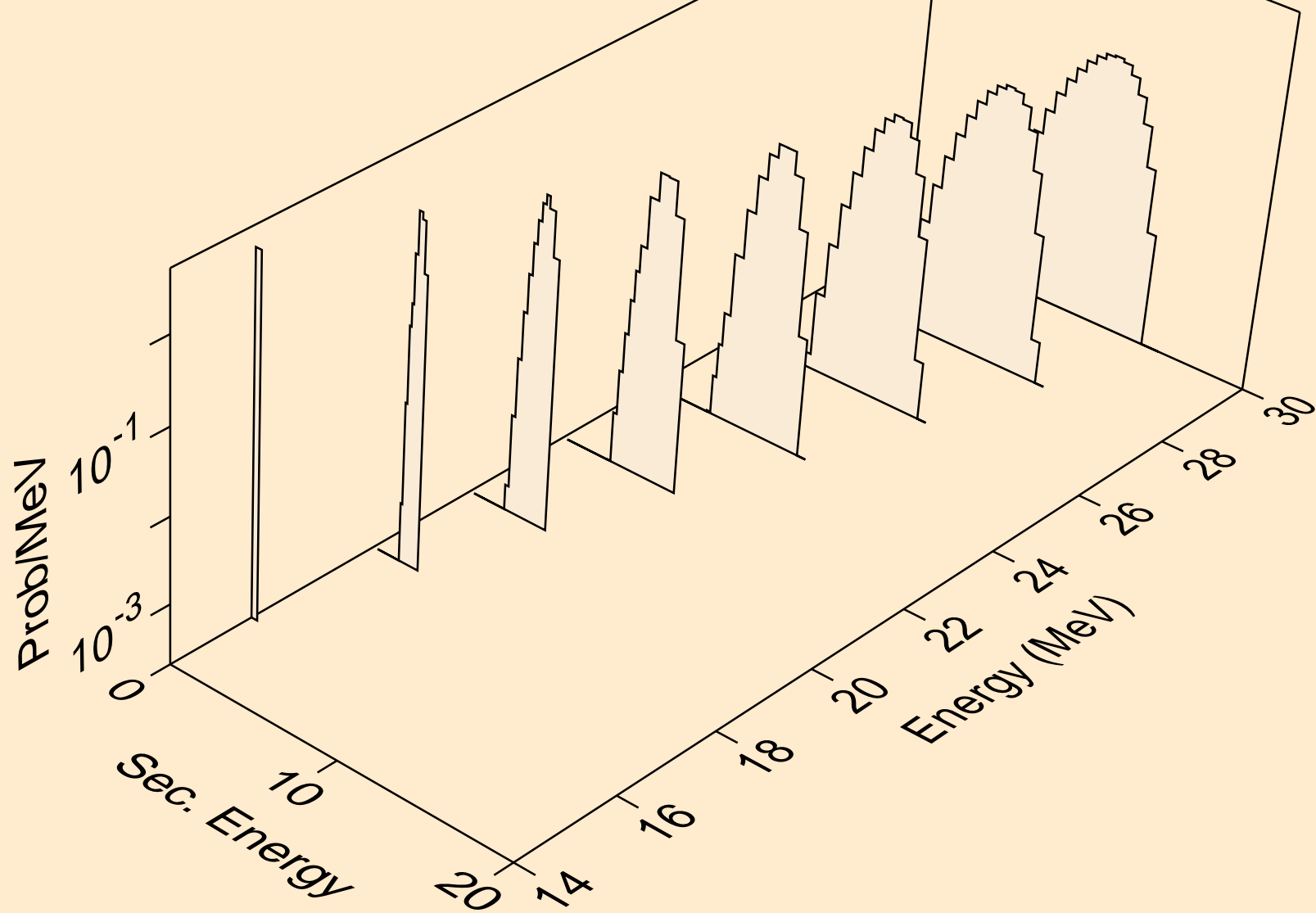
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



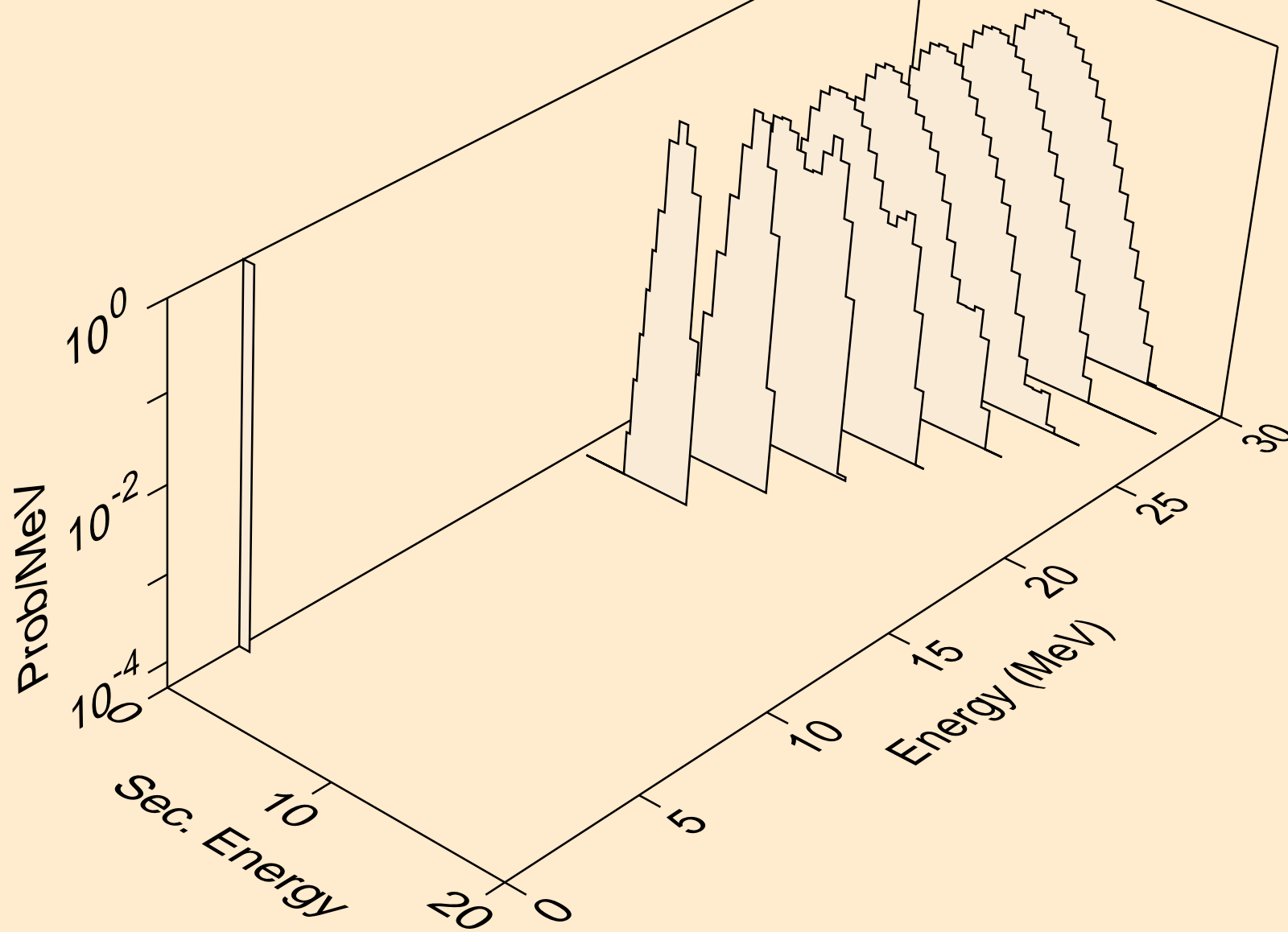
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protons from (n,2np)



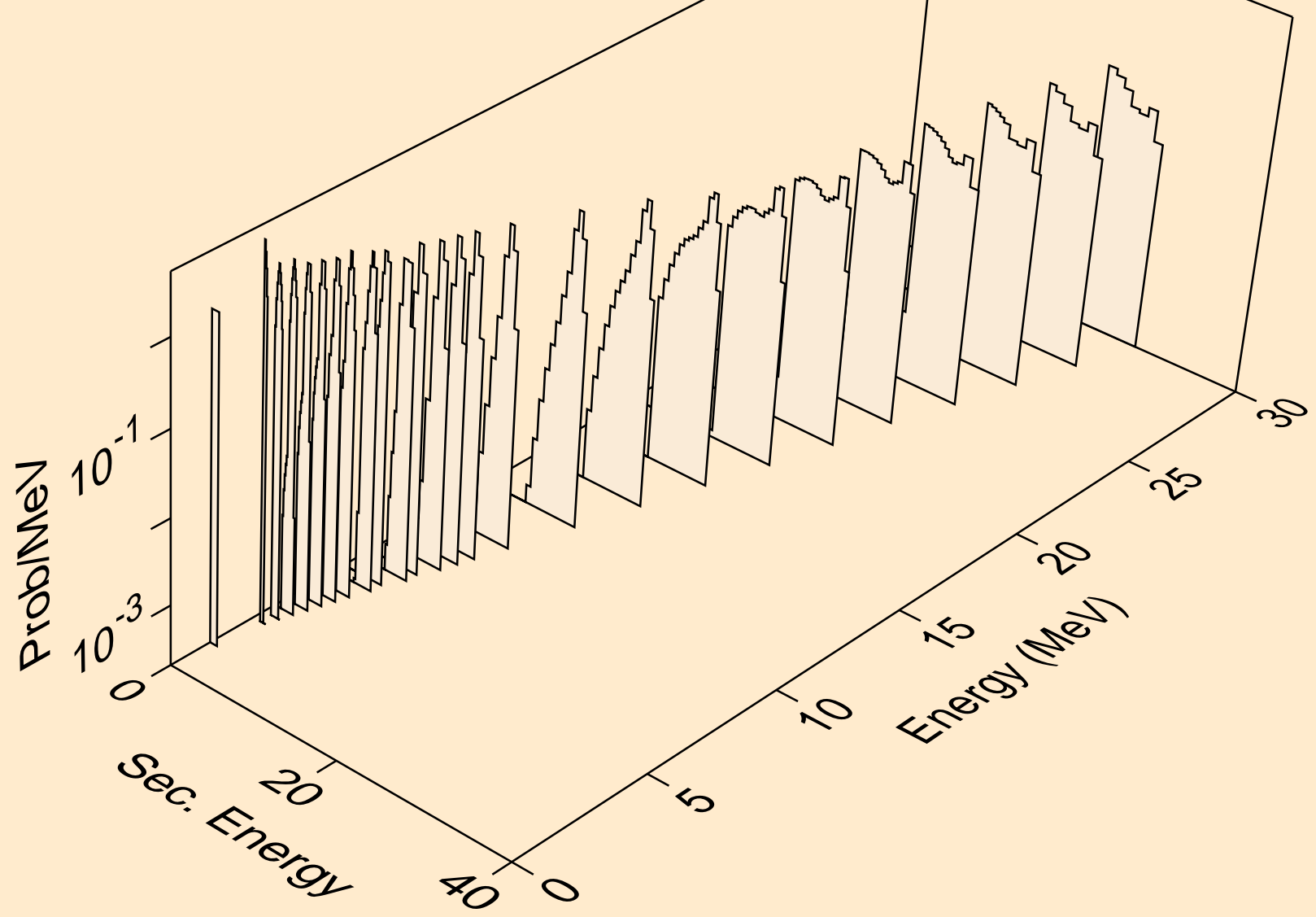
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protons from (n,3np)



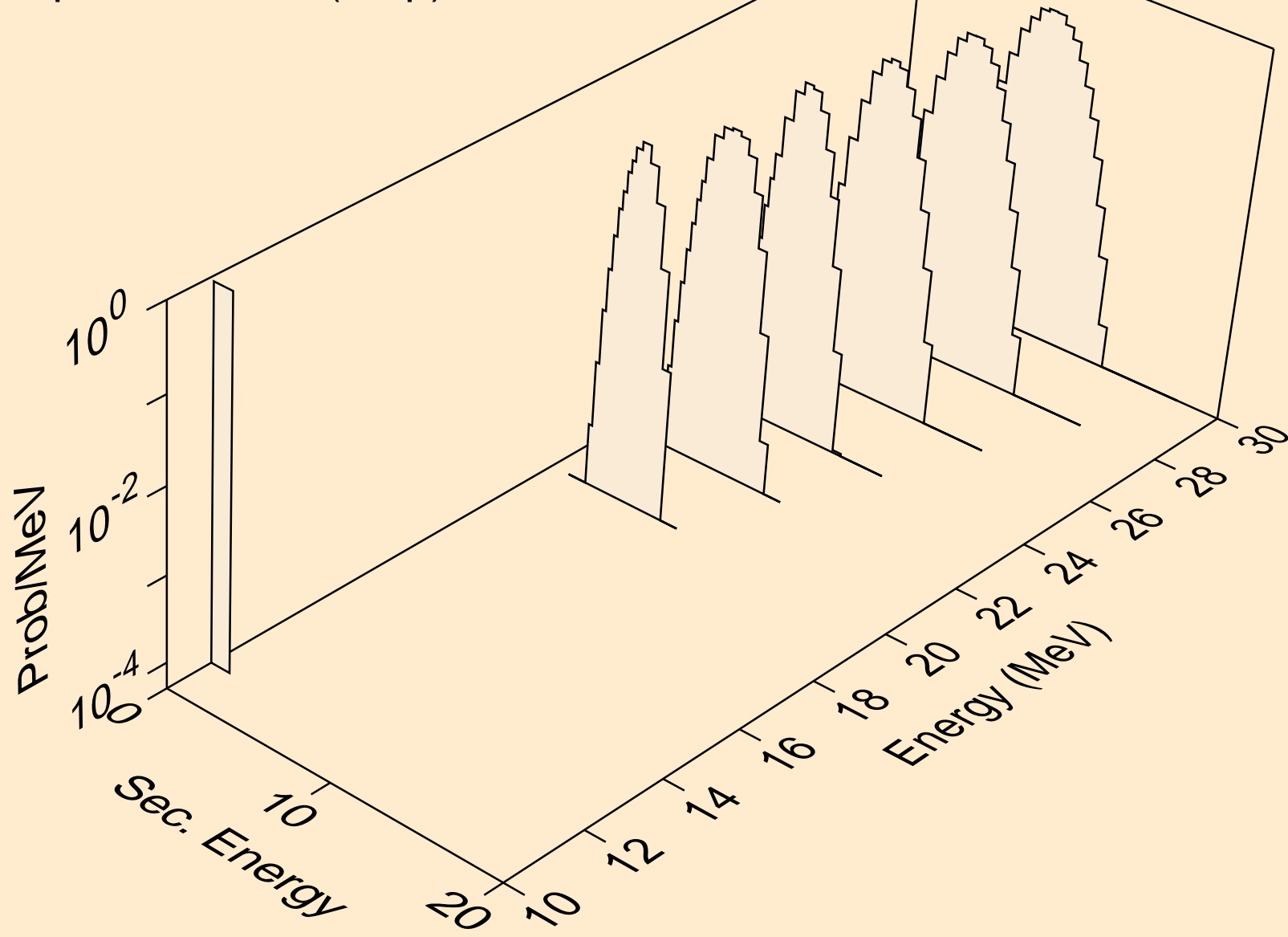
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



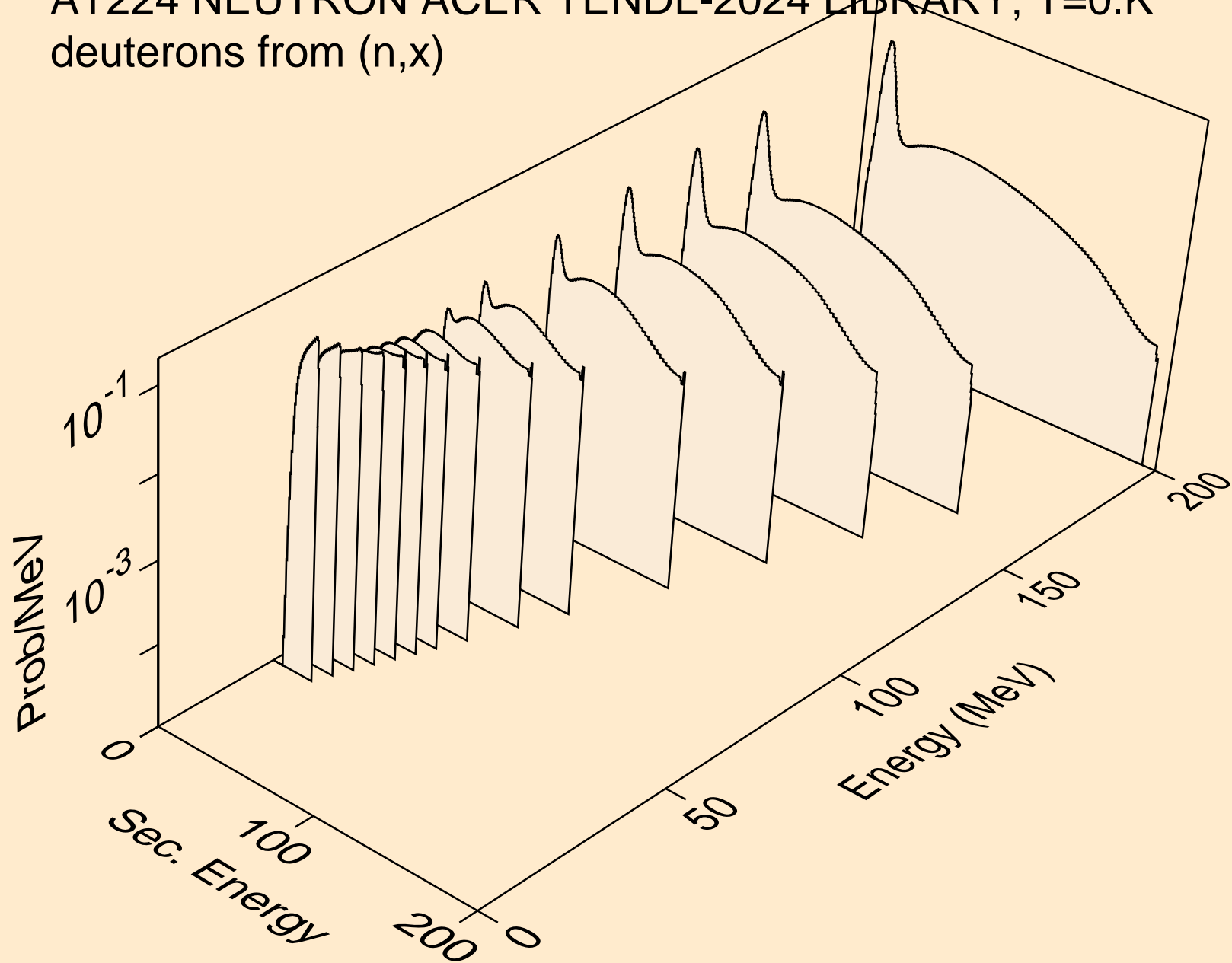
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protons from (n,p)



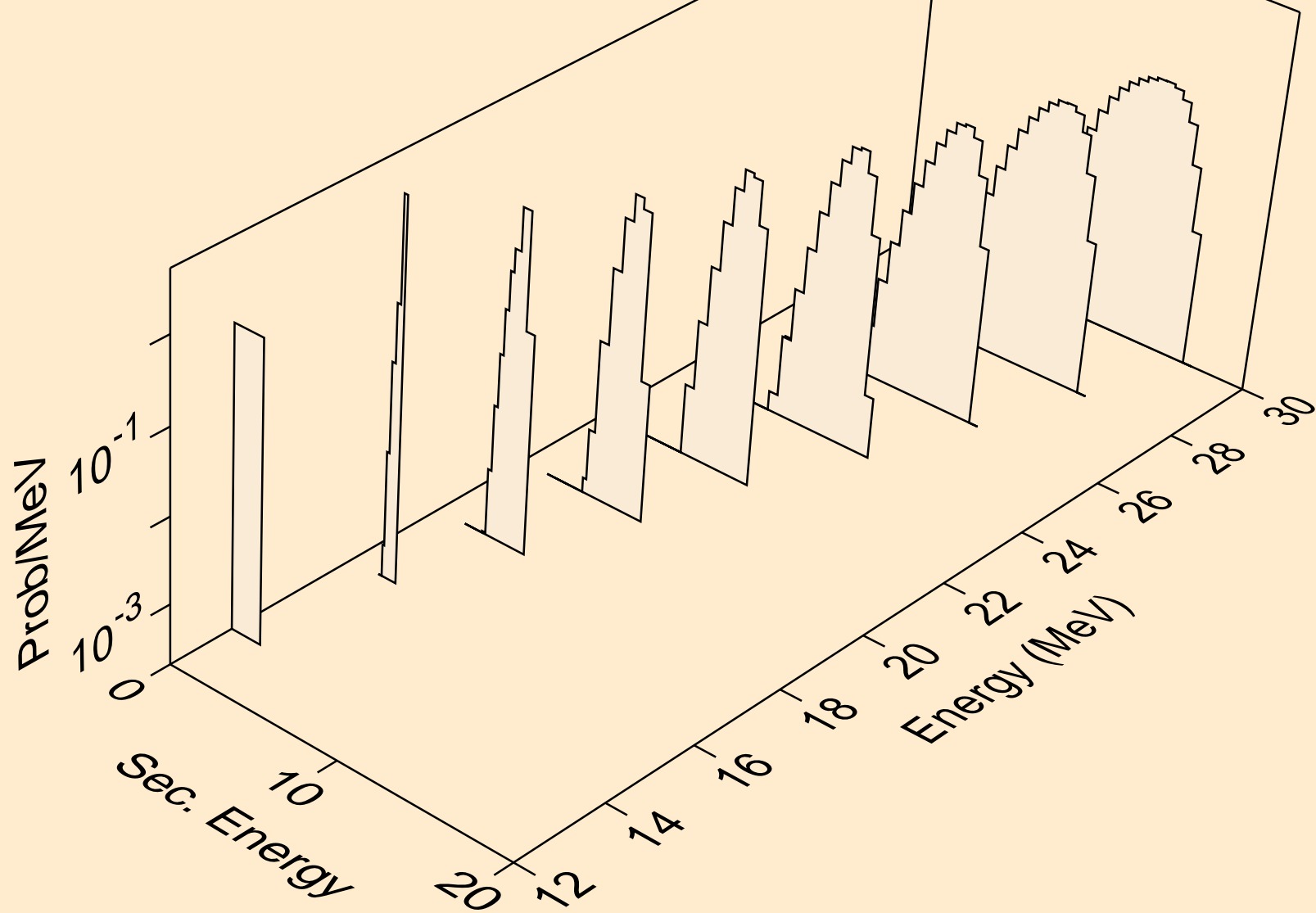
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

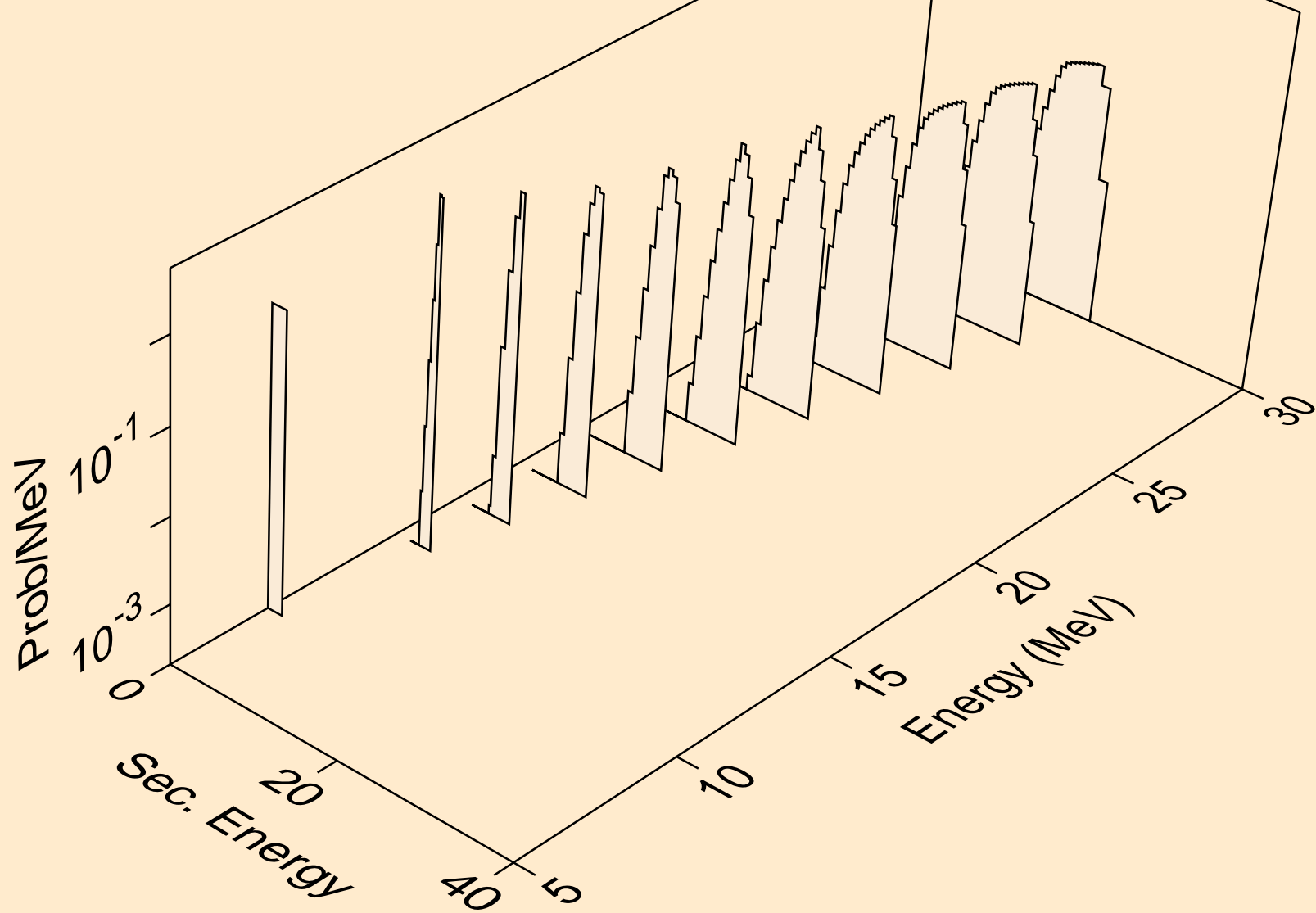


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

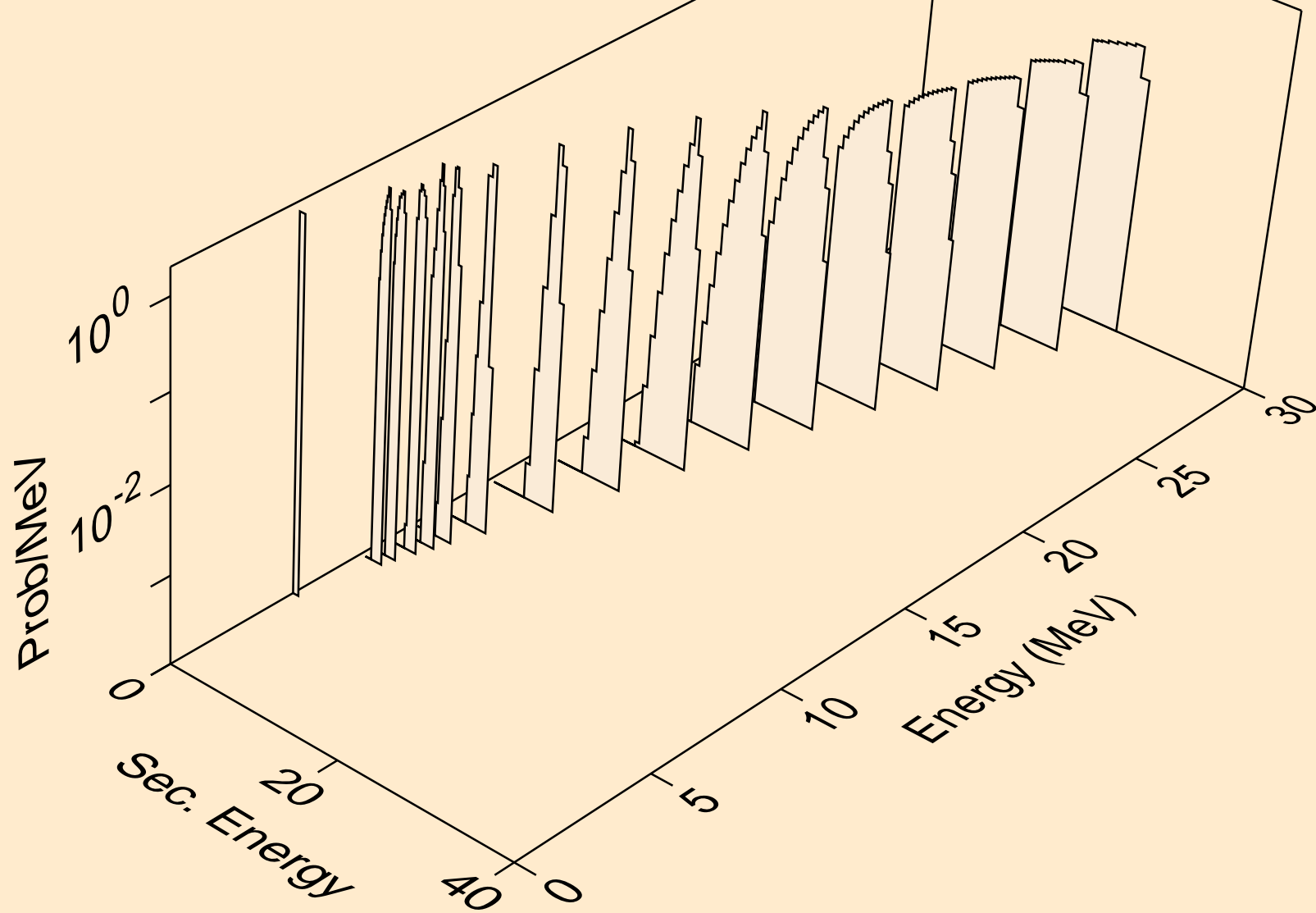




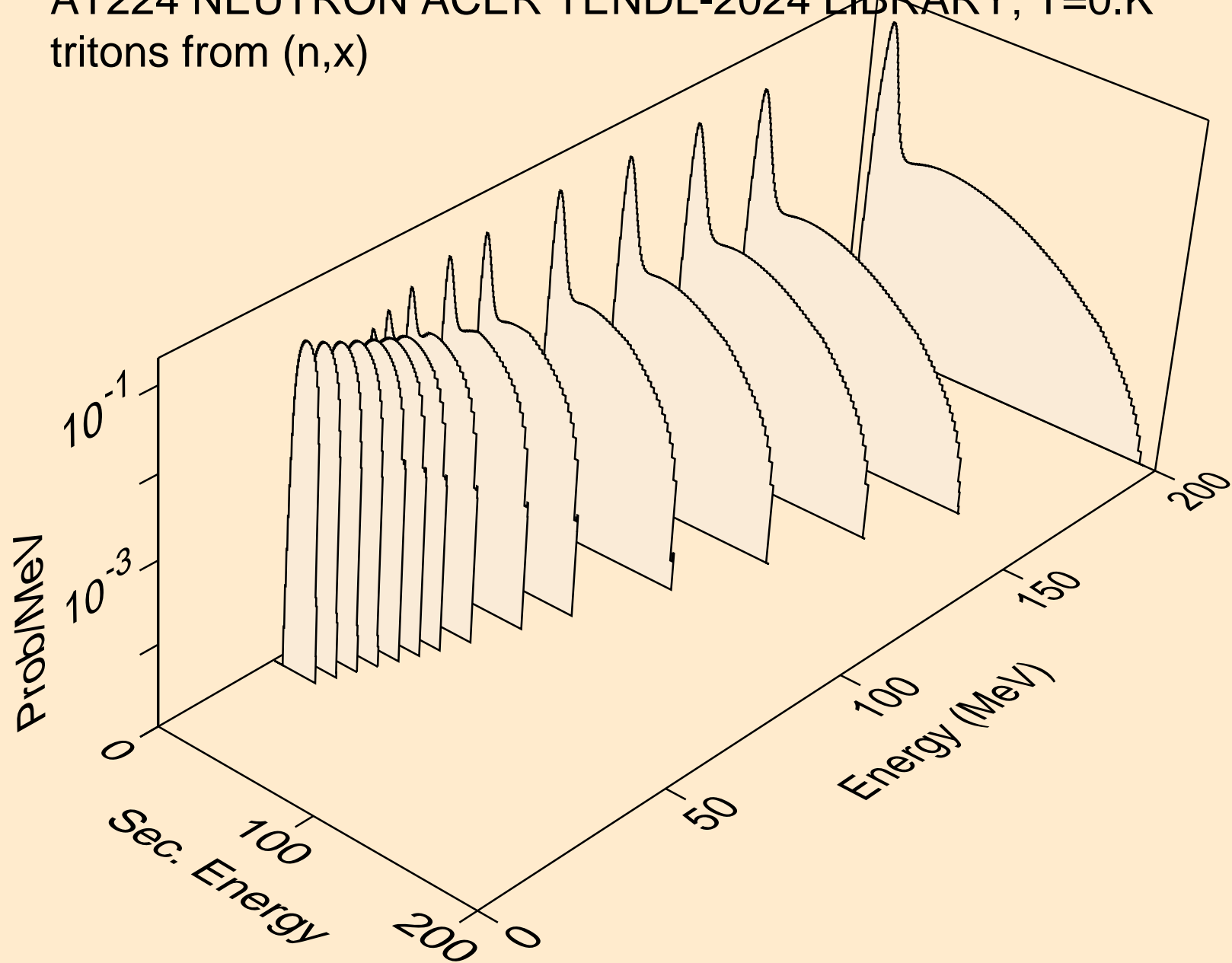
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deuterons from (n,n\*)d



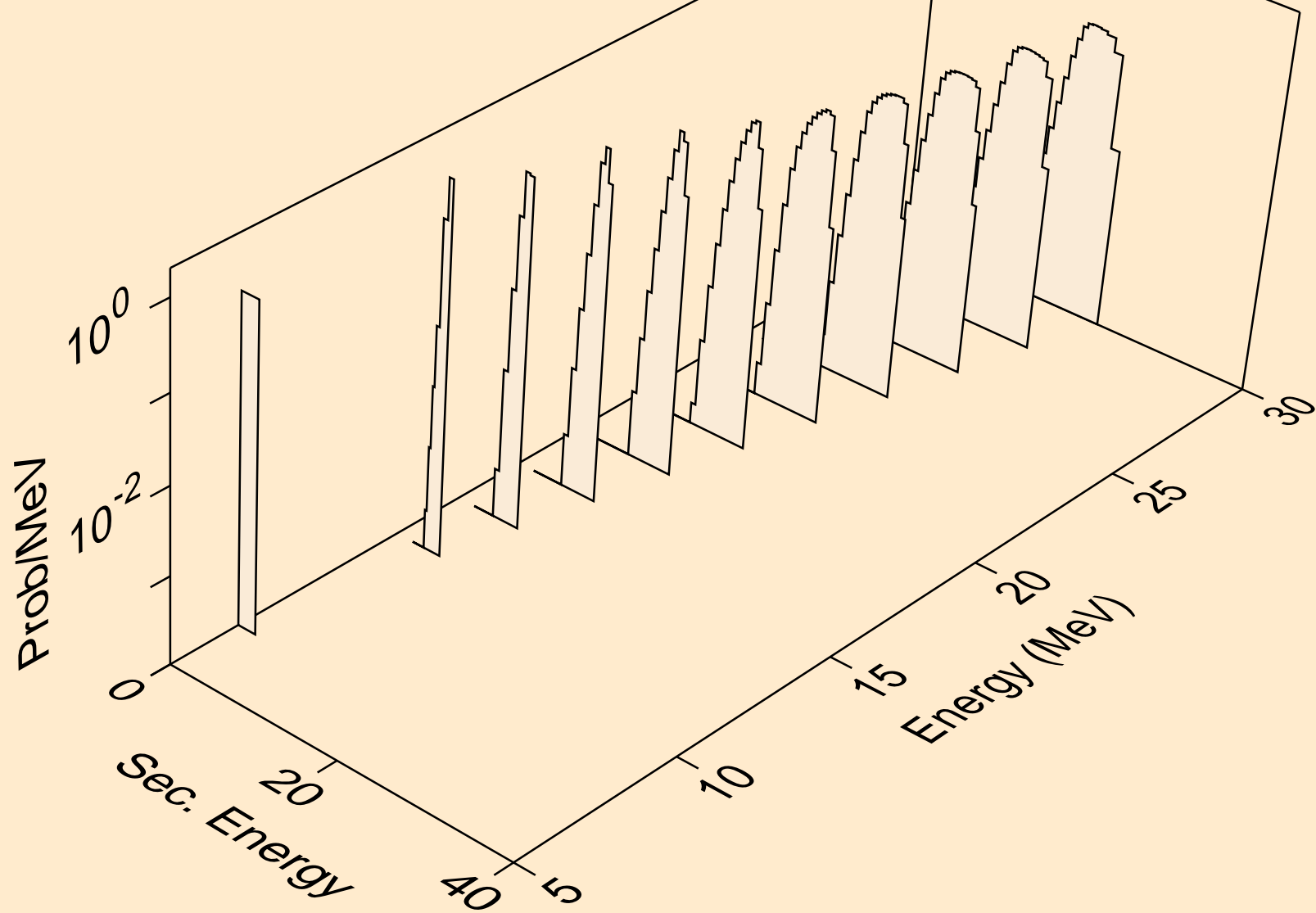
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deuterons from (n,d)



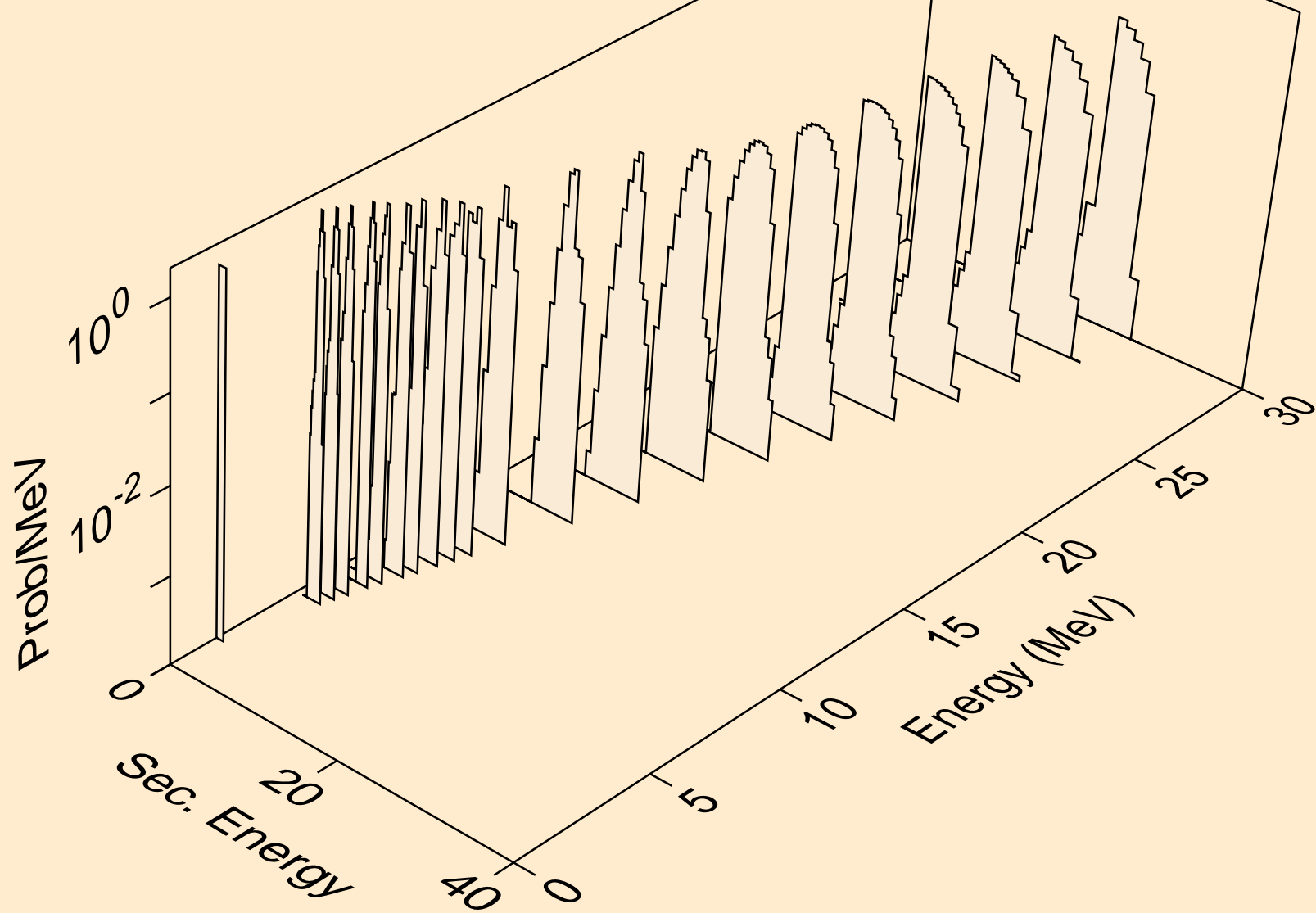
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tritons from (n,x)



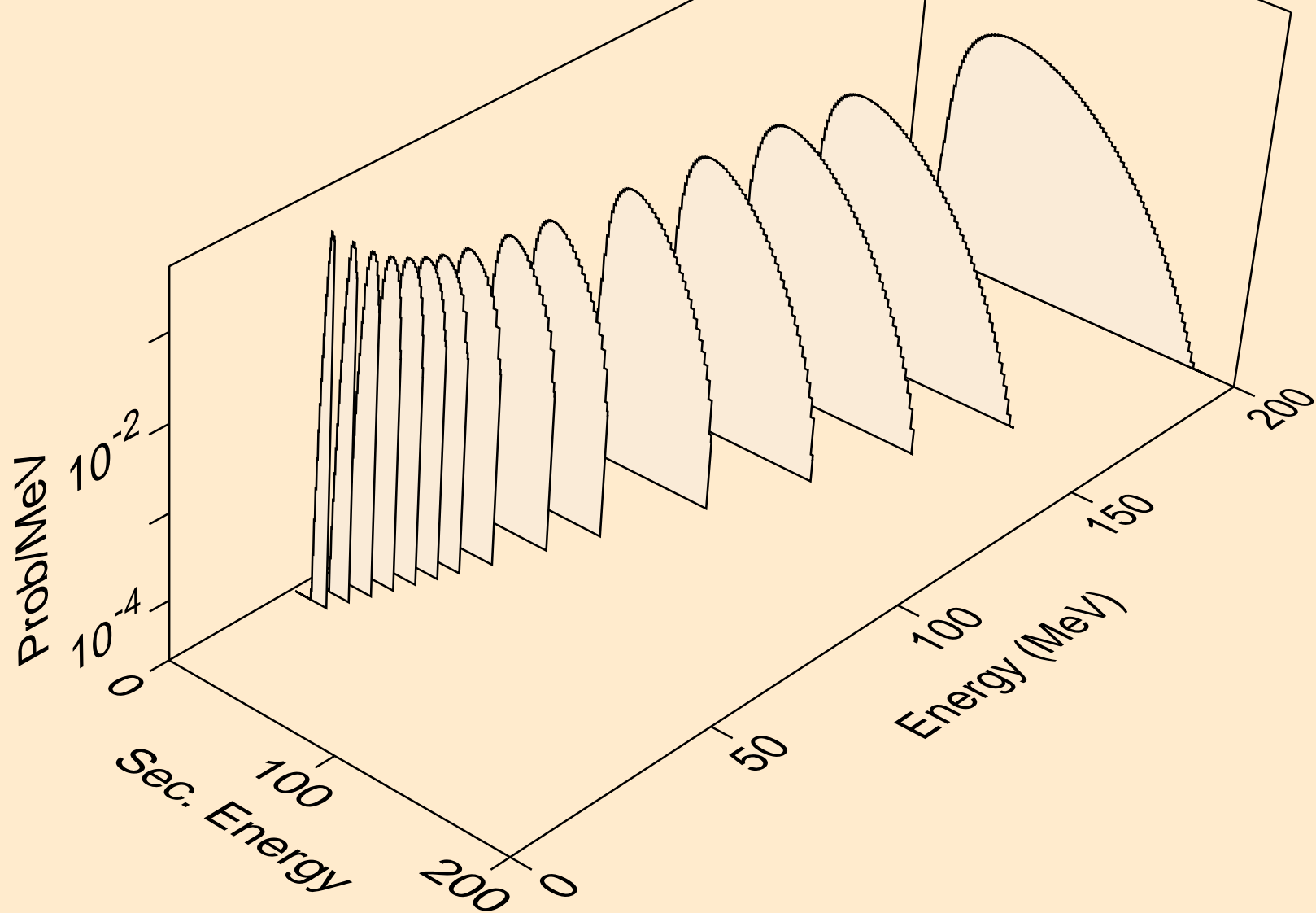
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



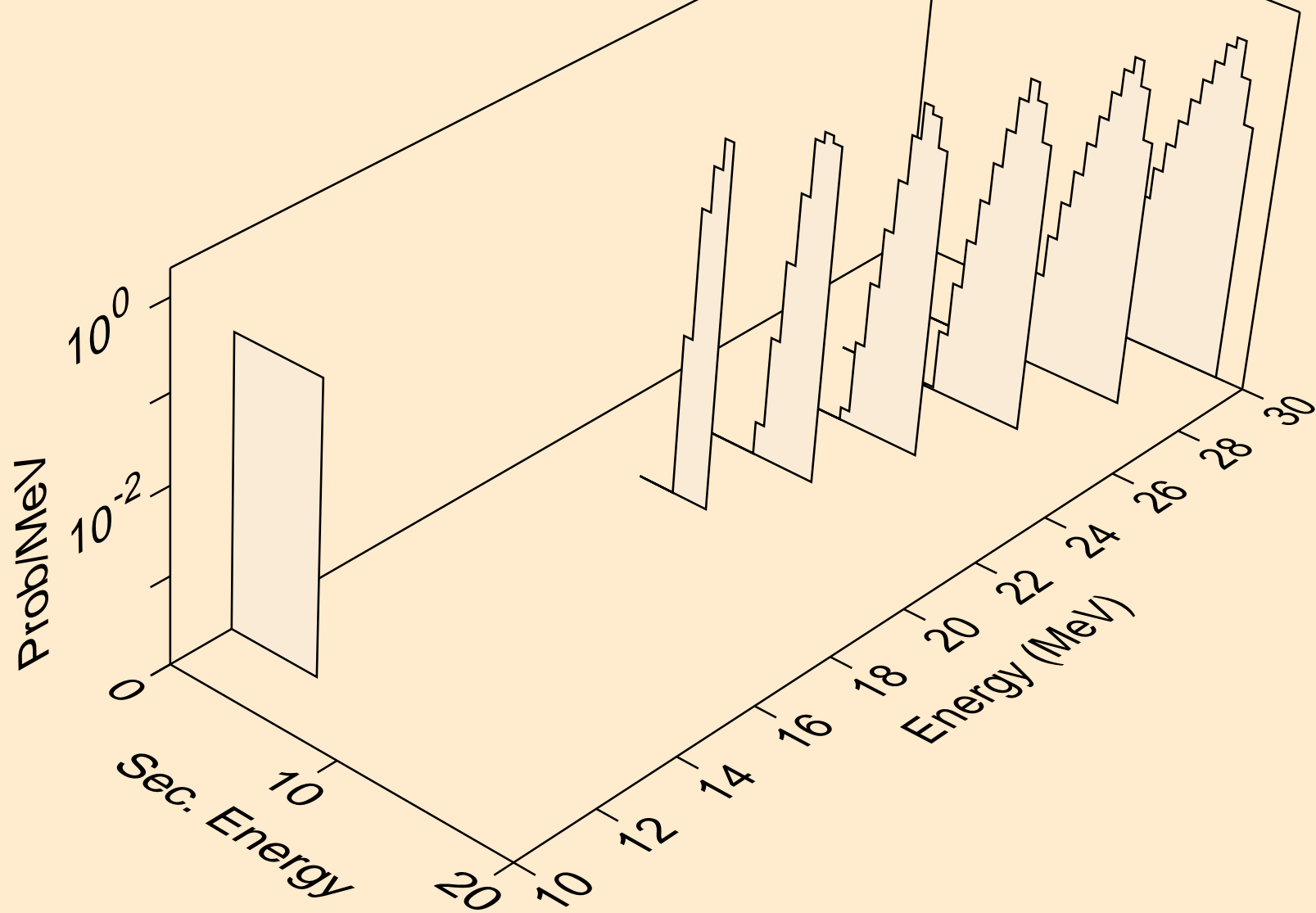
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tritons from (n,t)



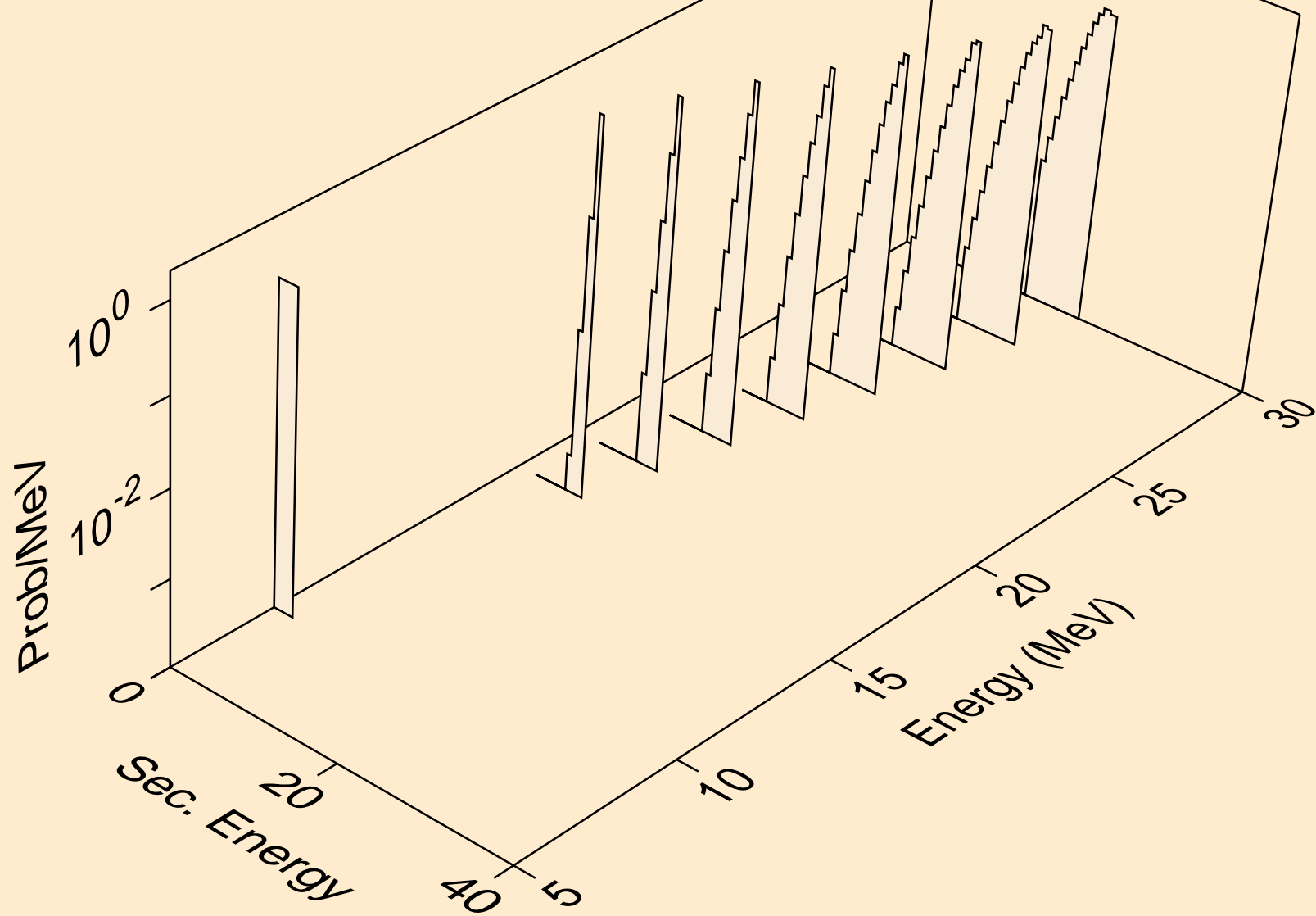
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

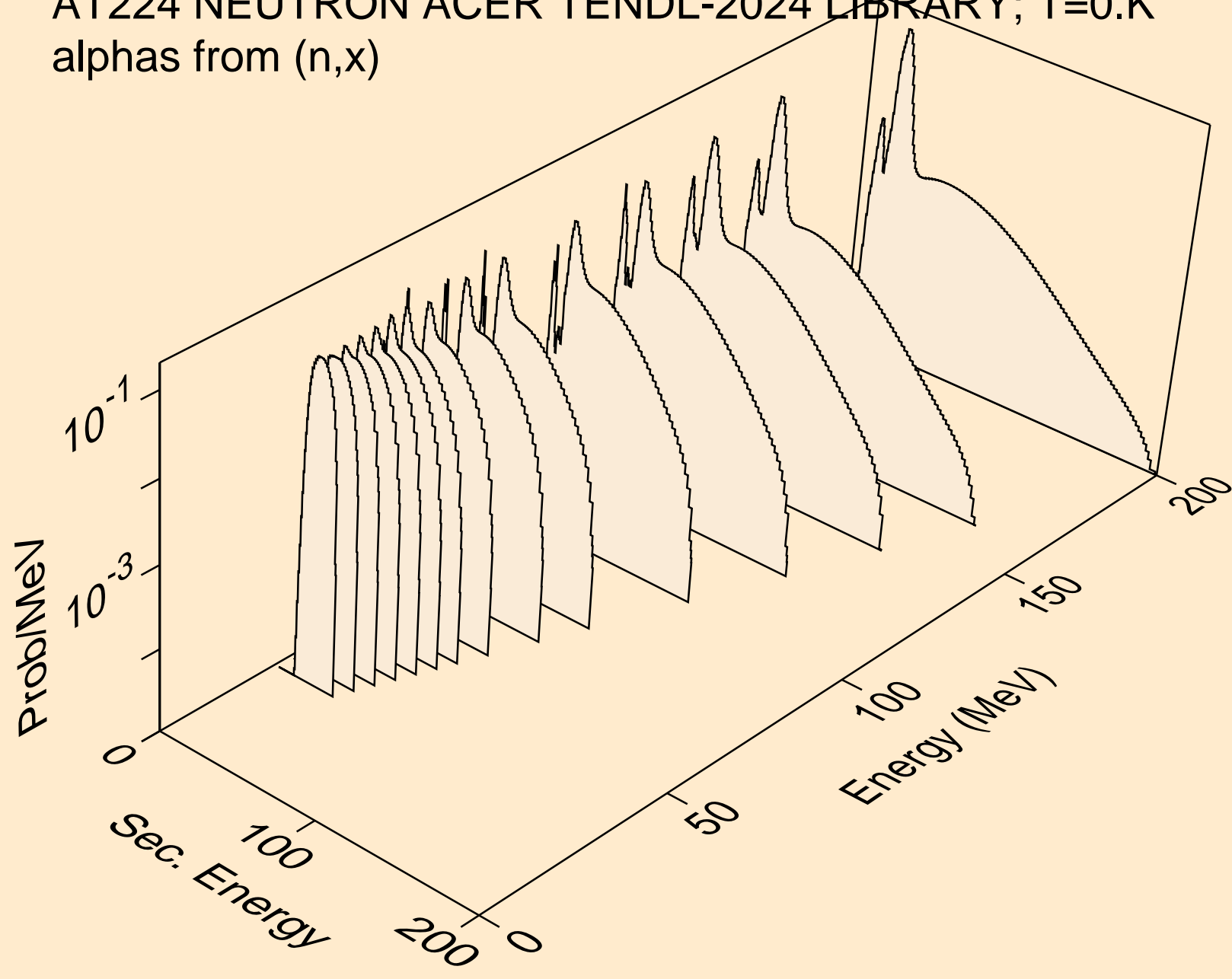


AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

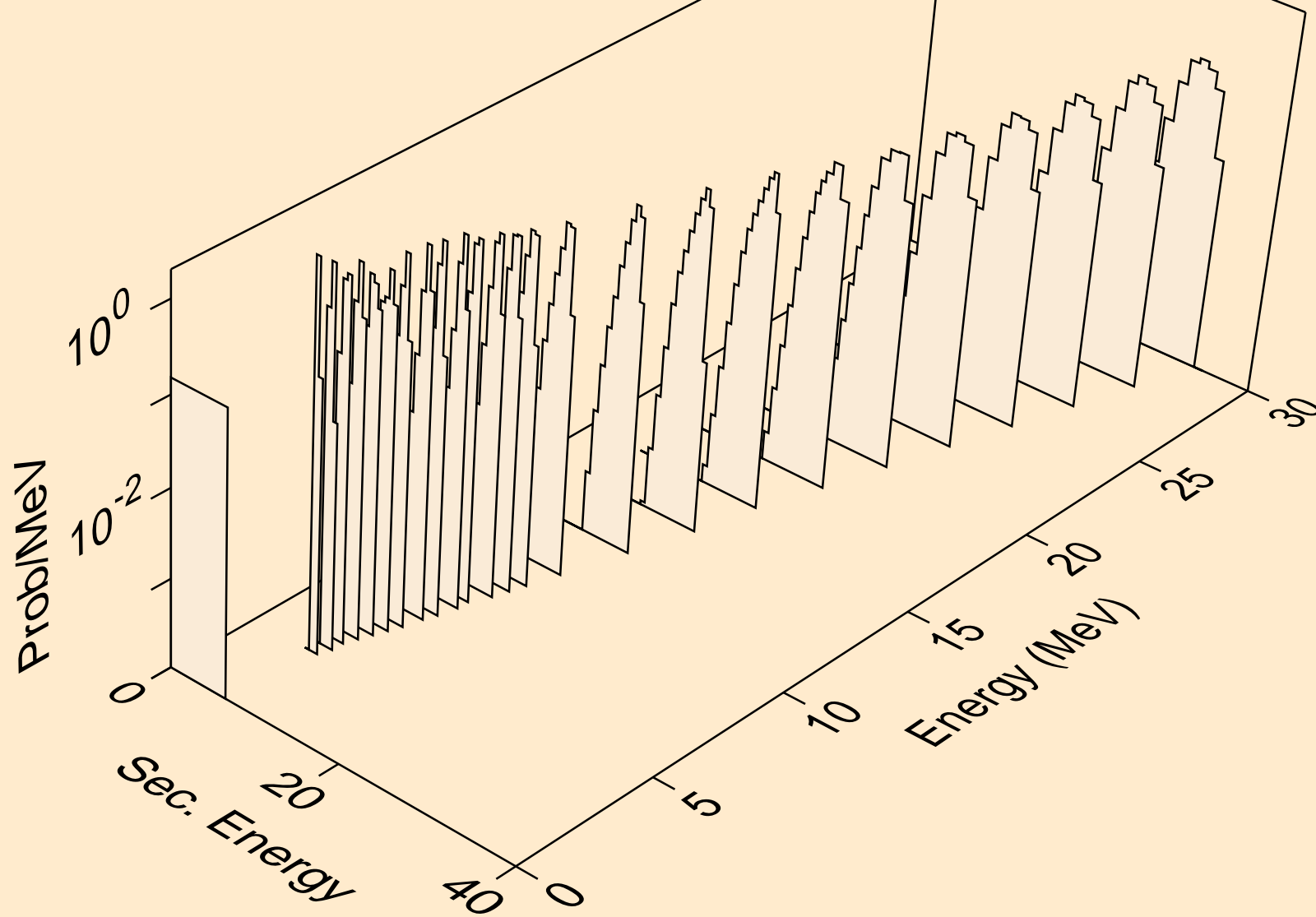




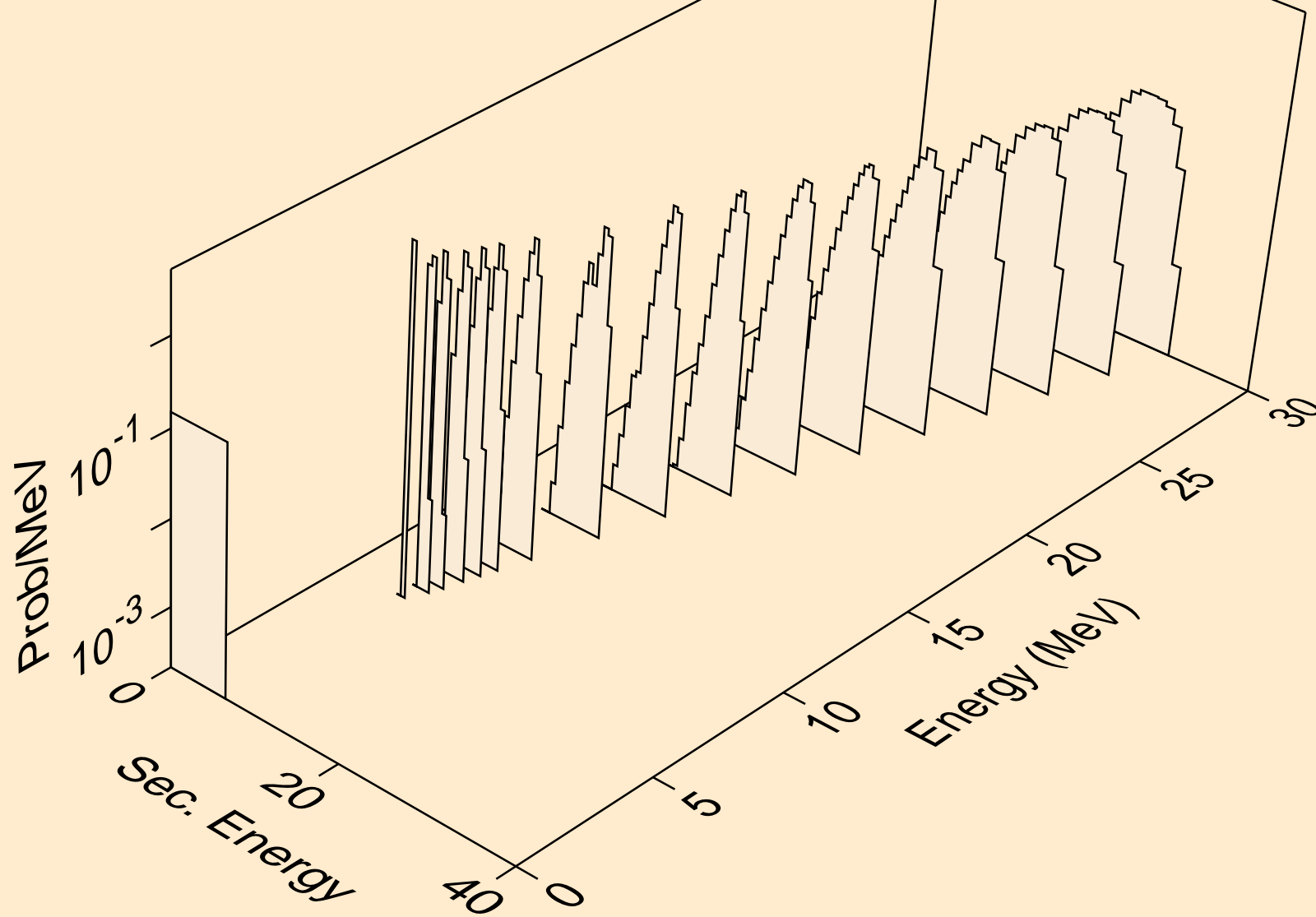
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



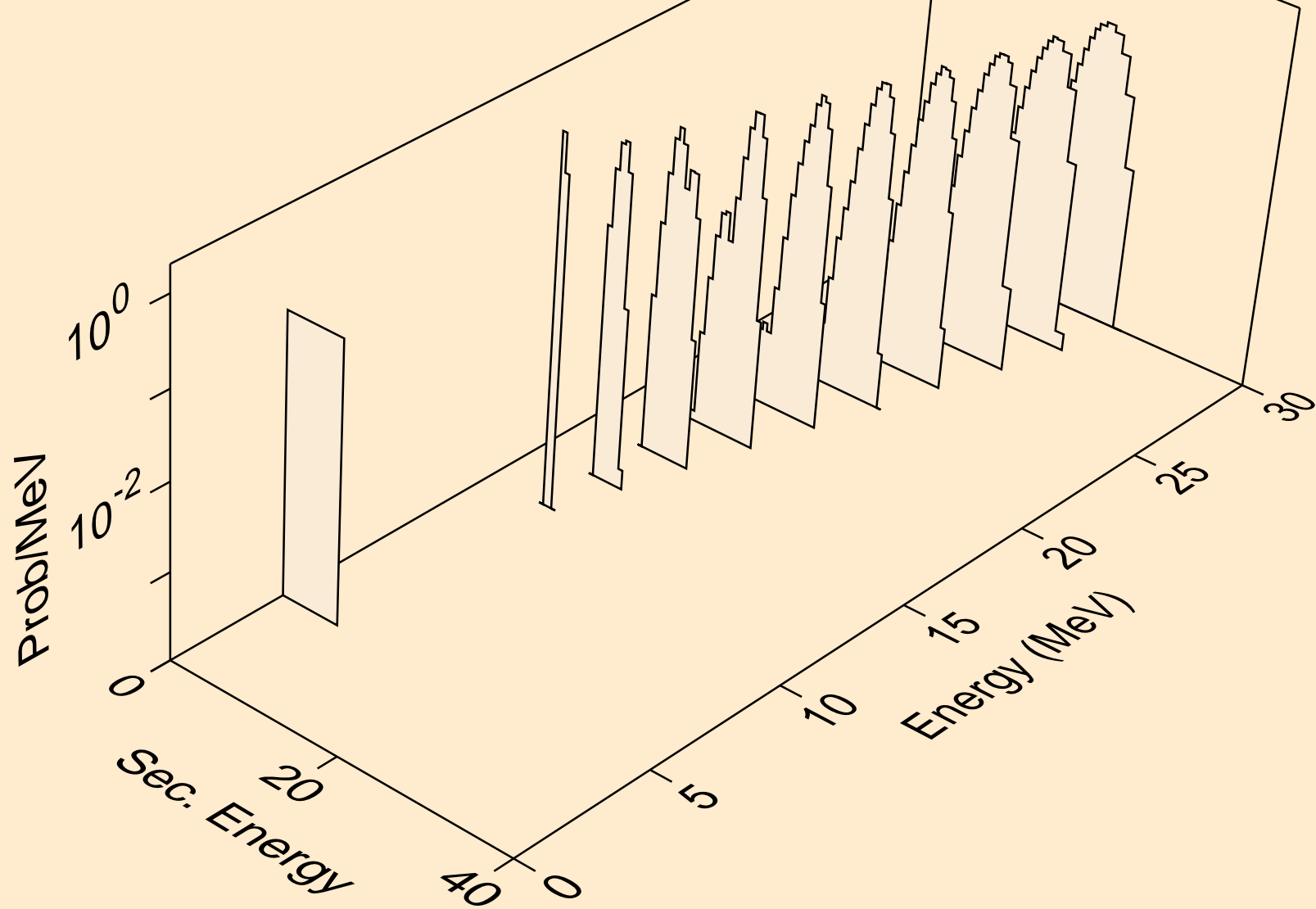
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



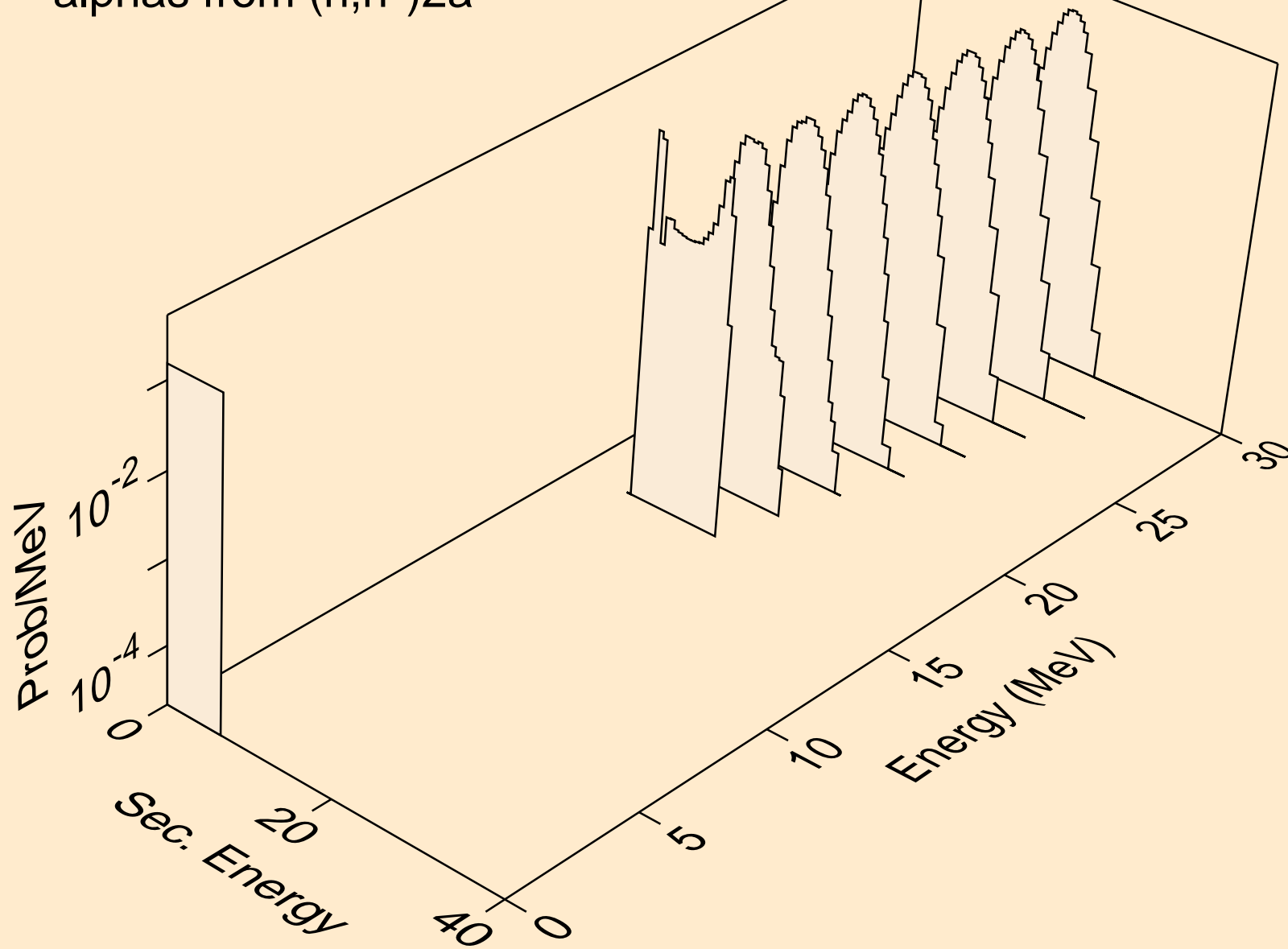
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



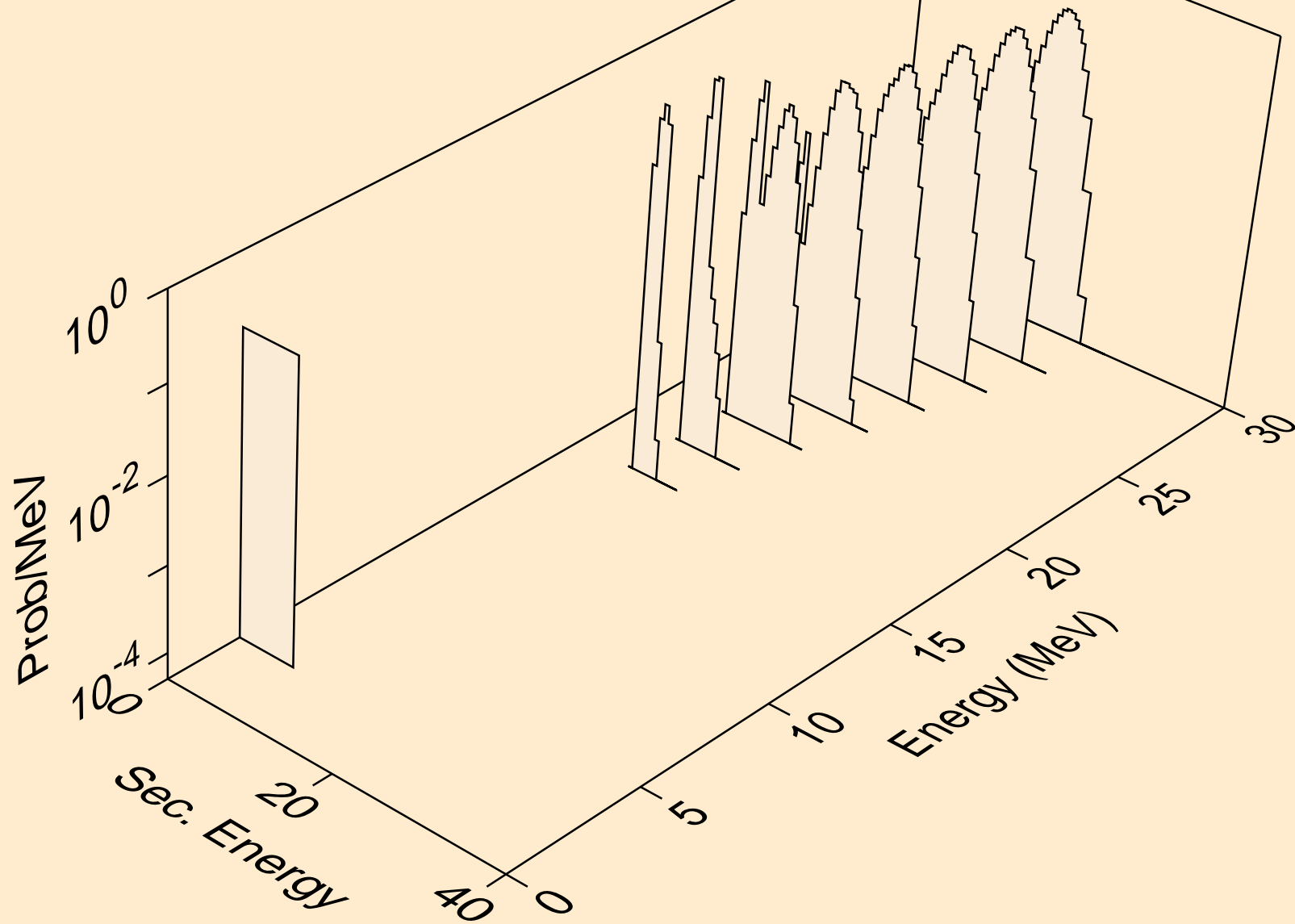
AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



AT224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

