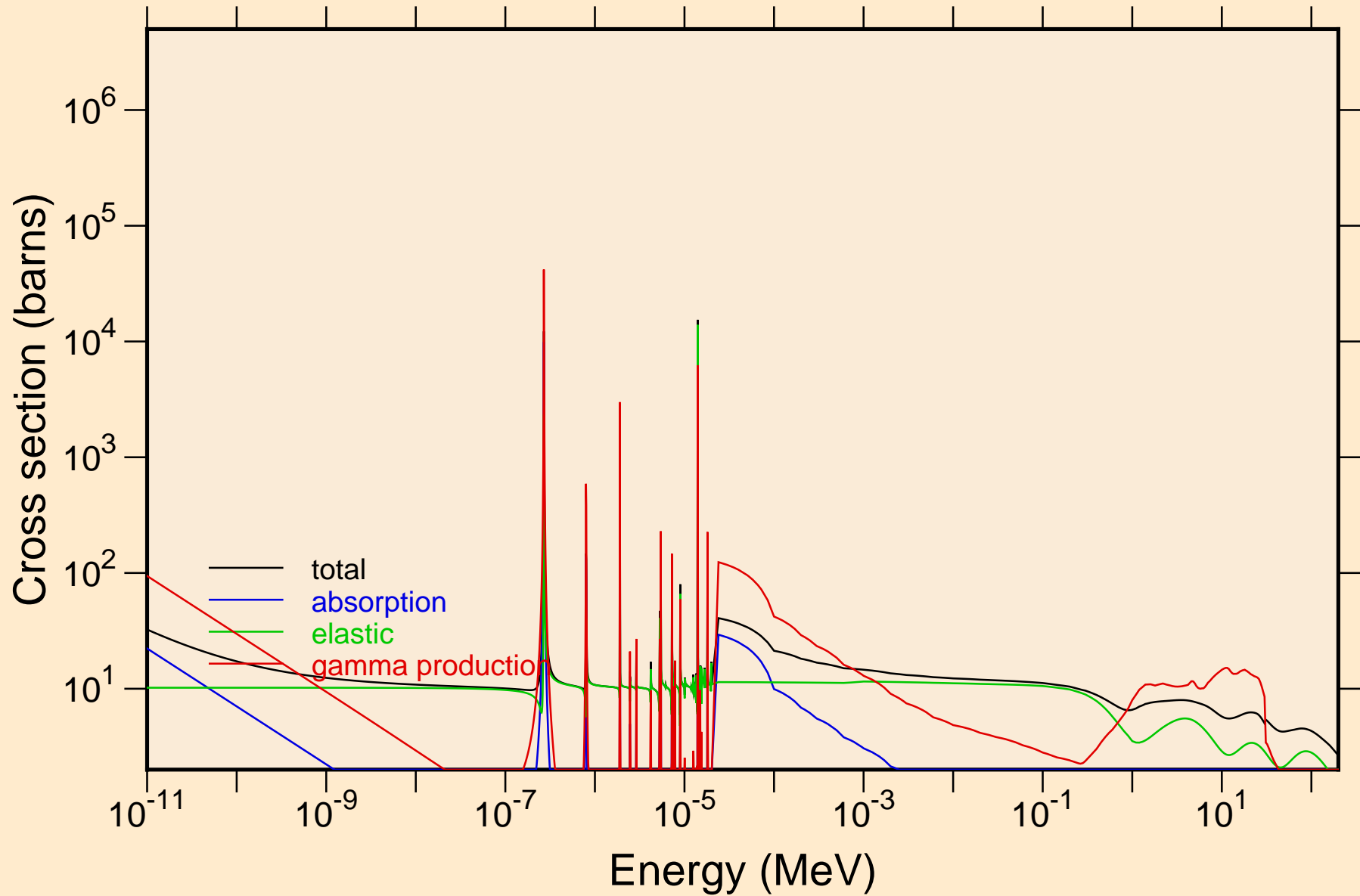
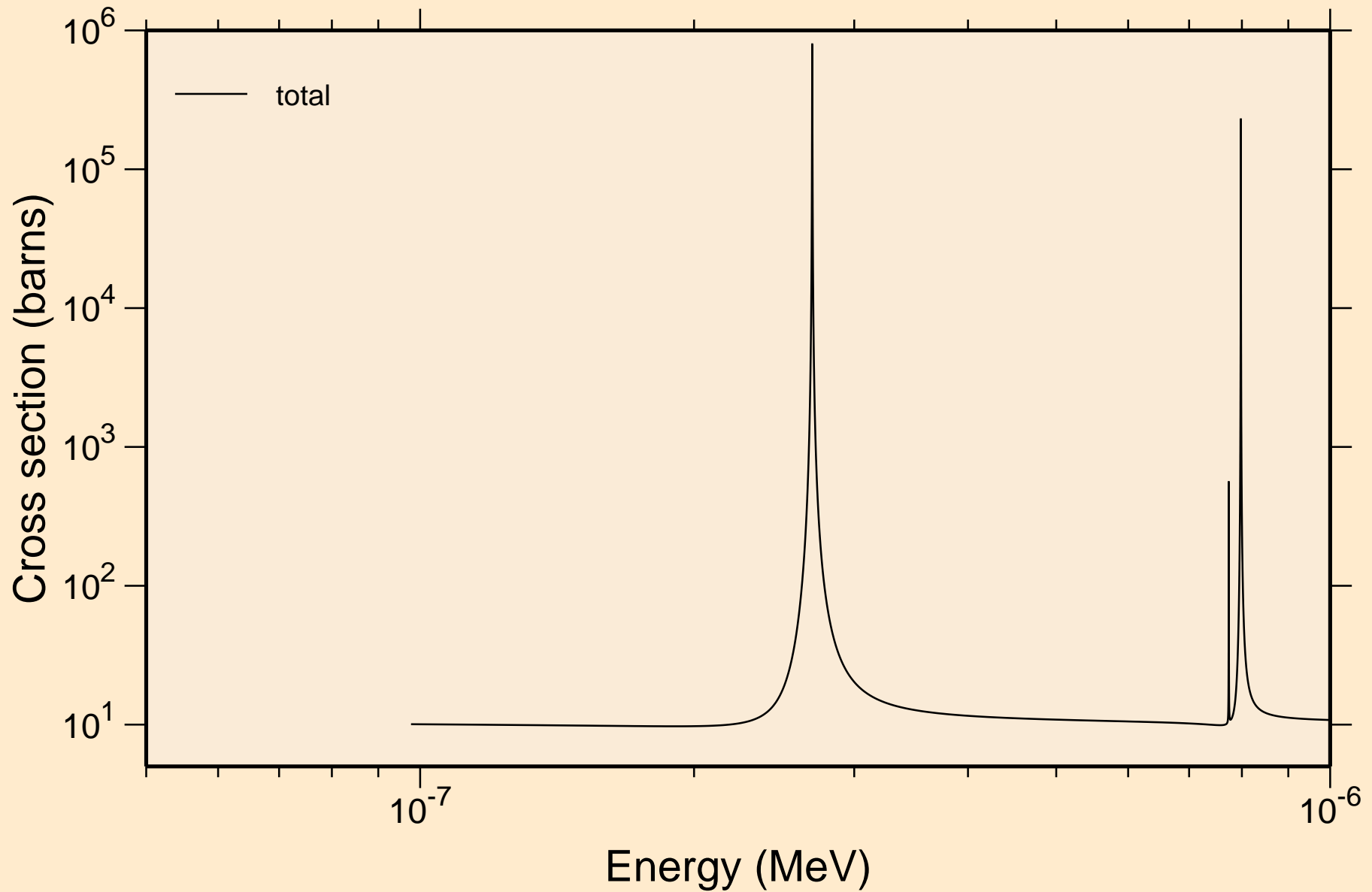


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

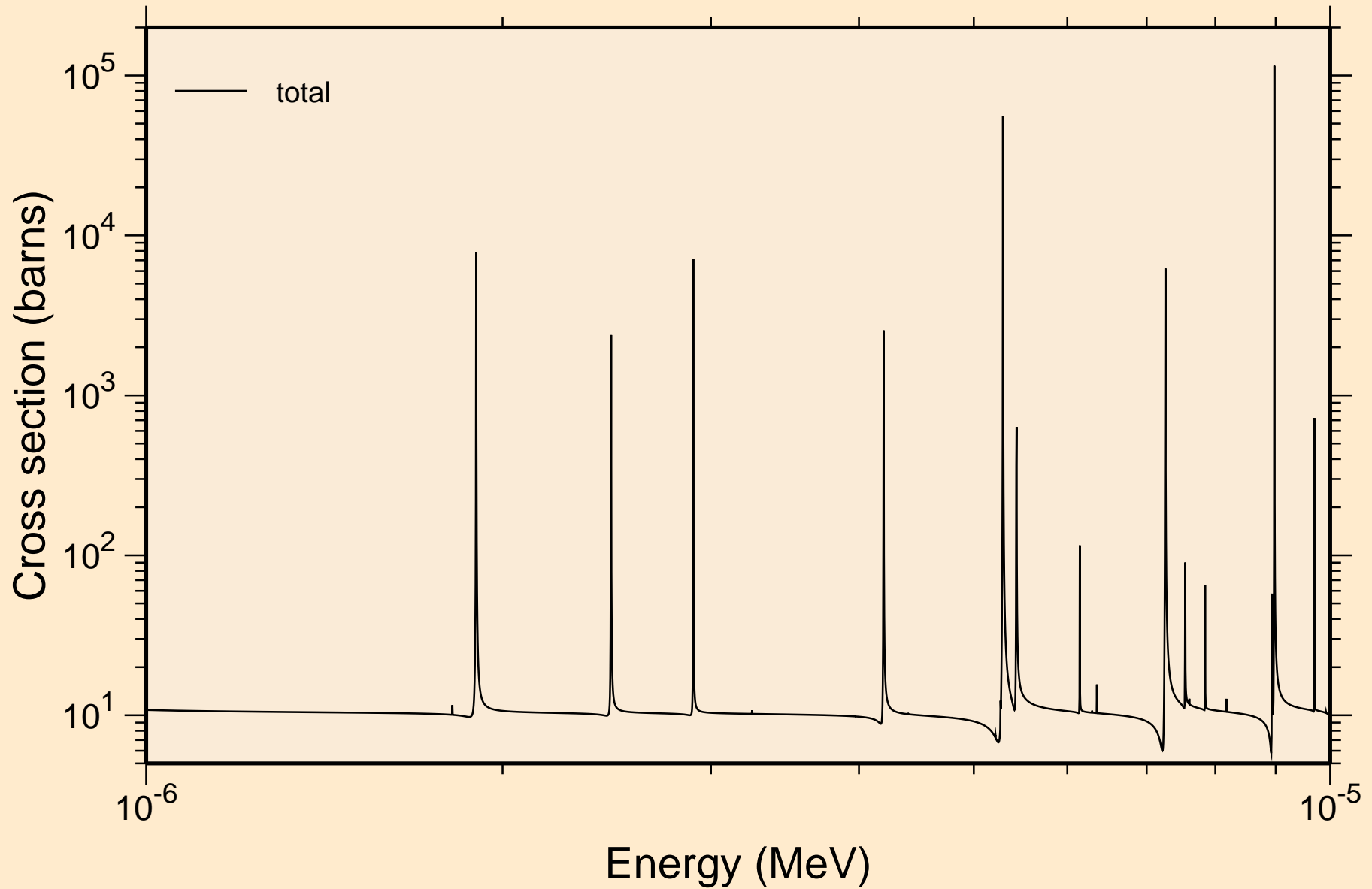
## Principal cross sections



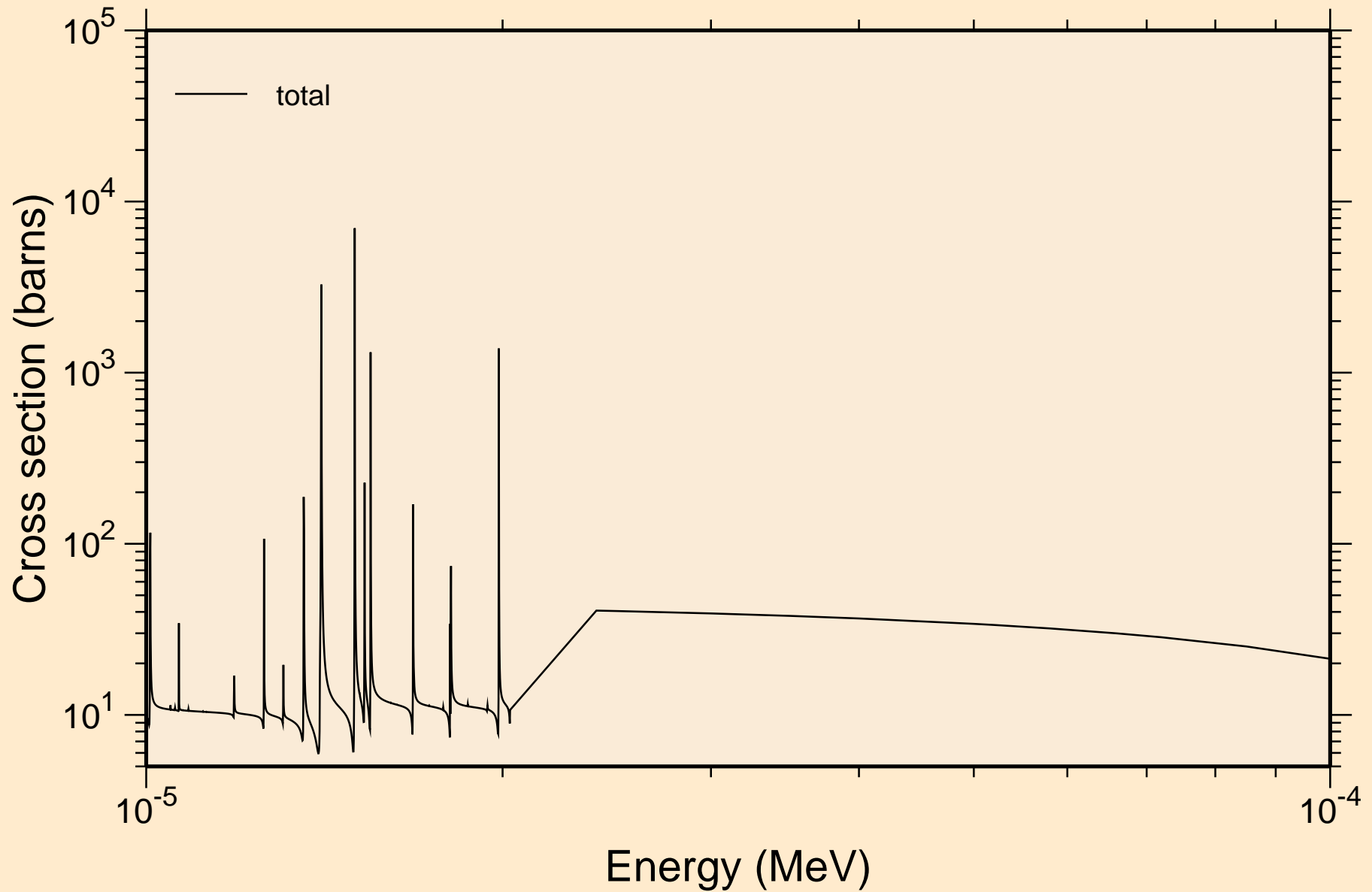
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



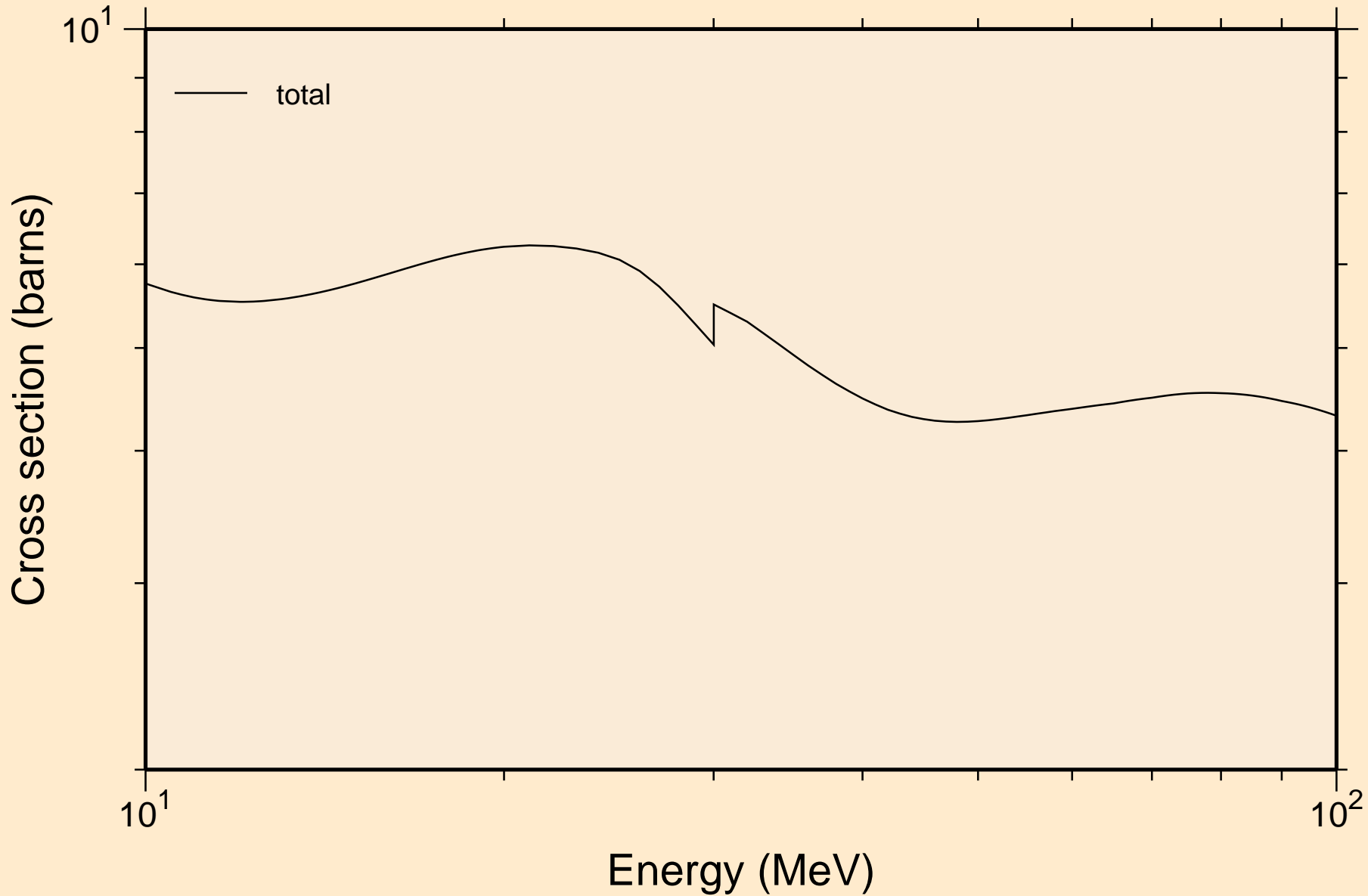
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



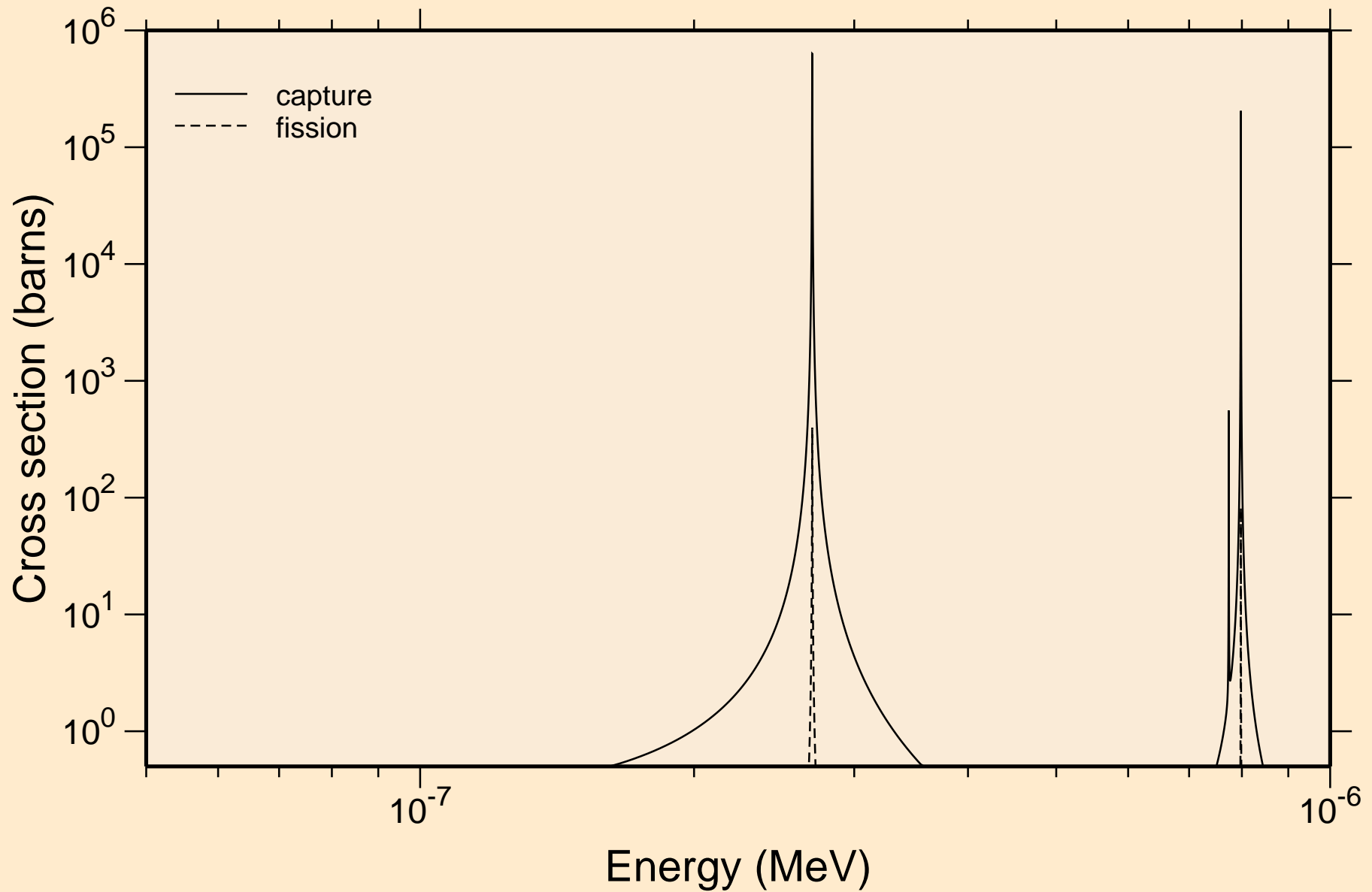
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

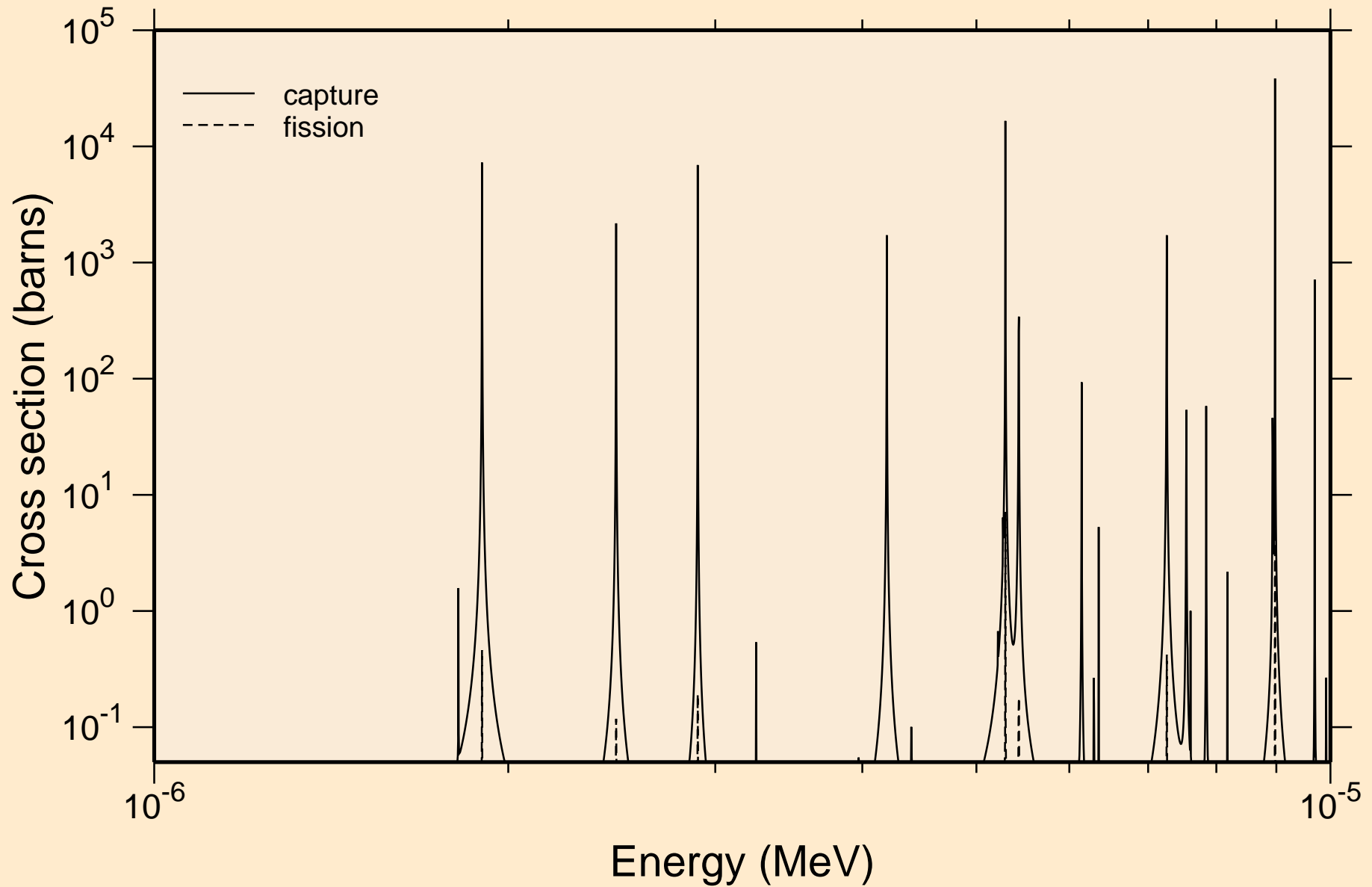


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

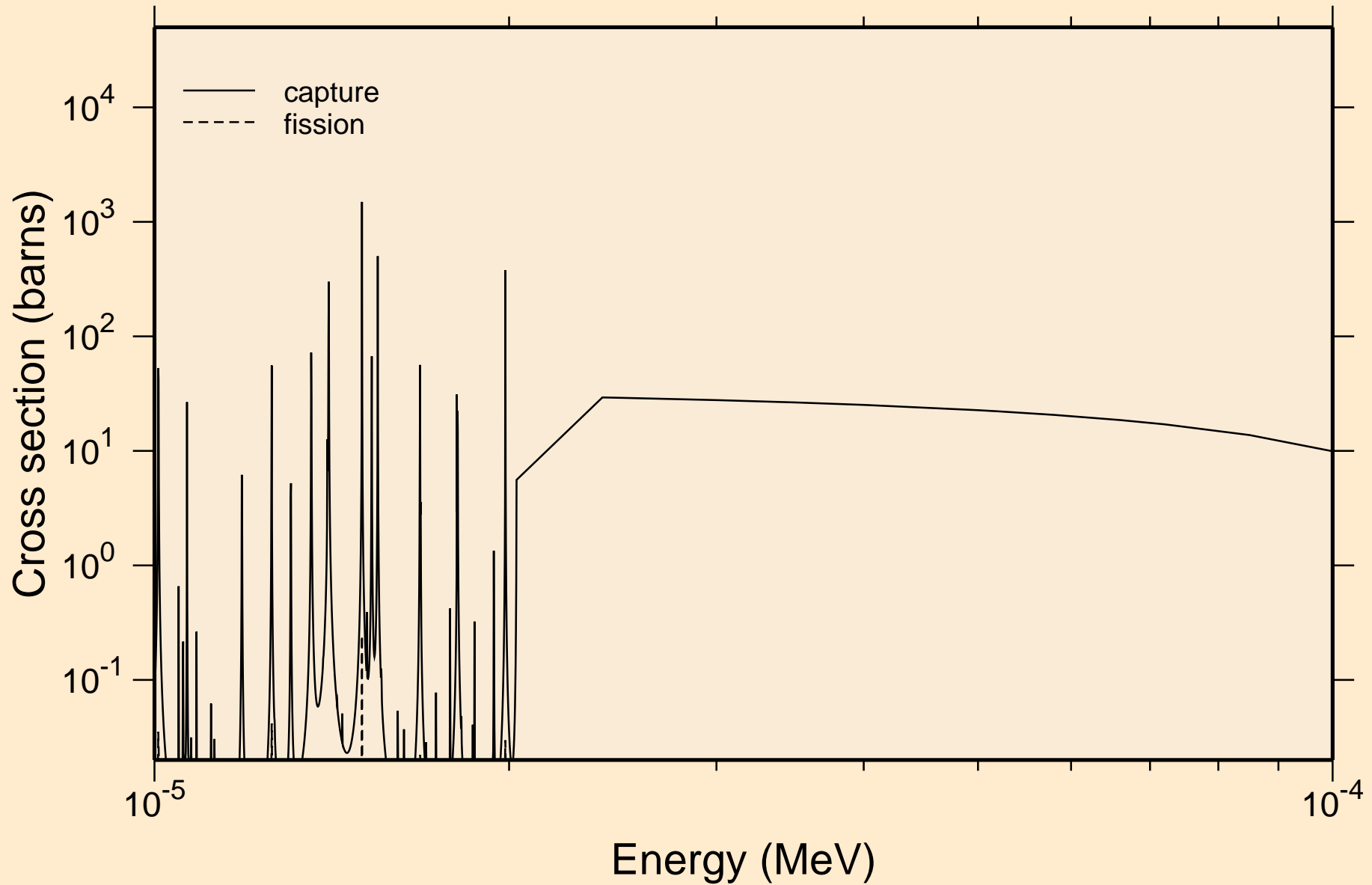


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

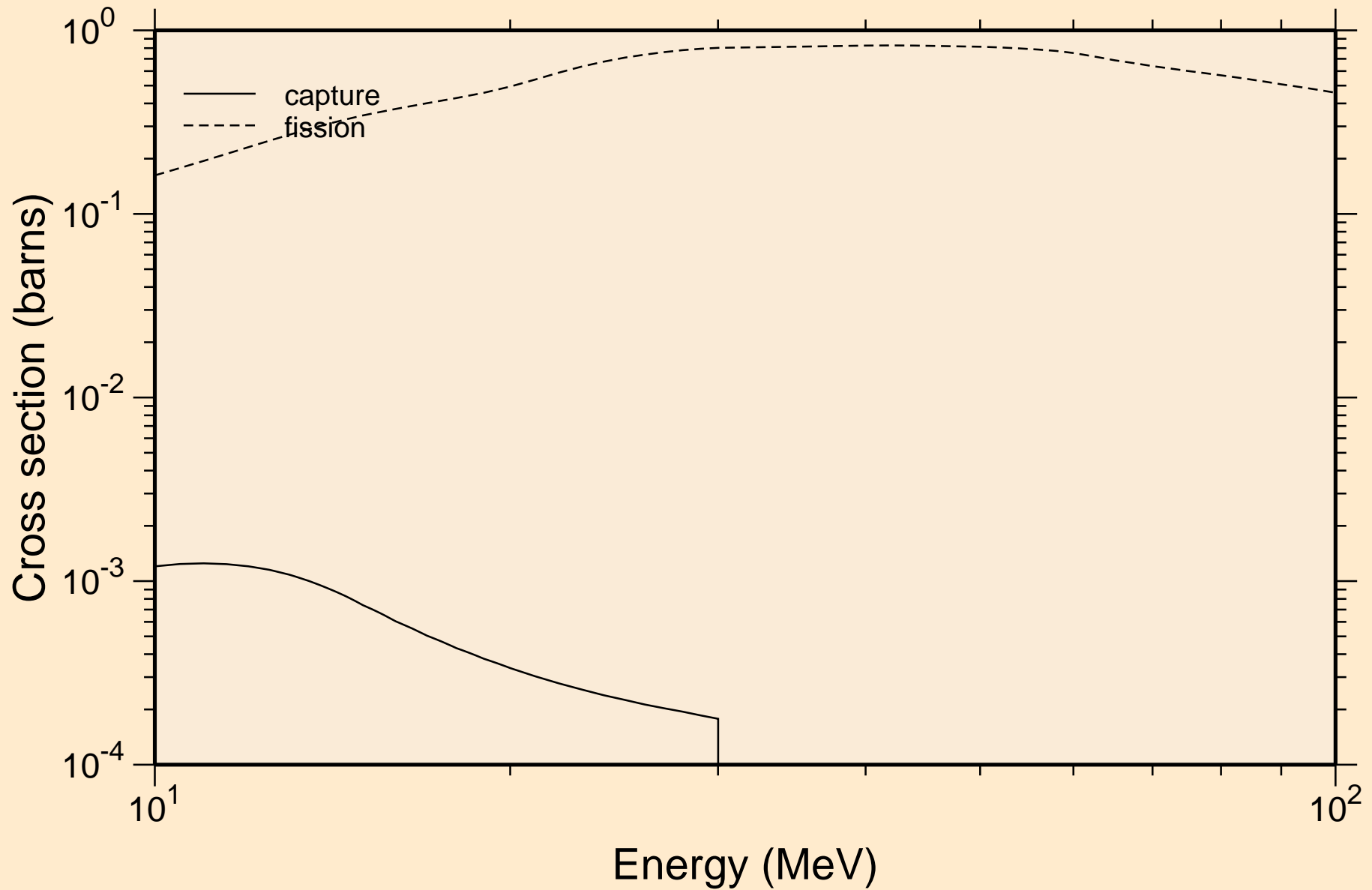


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

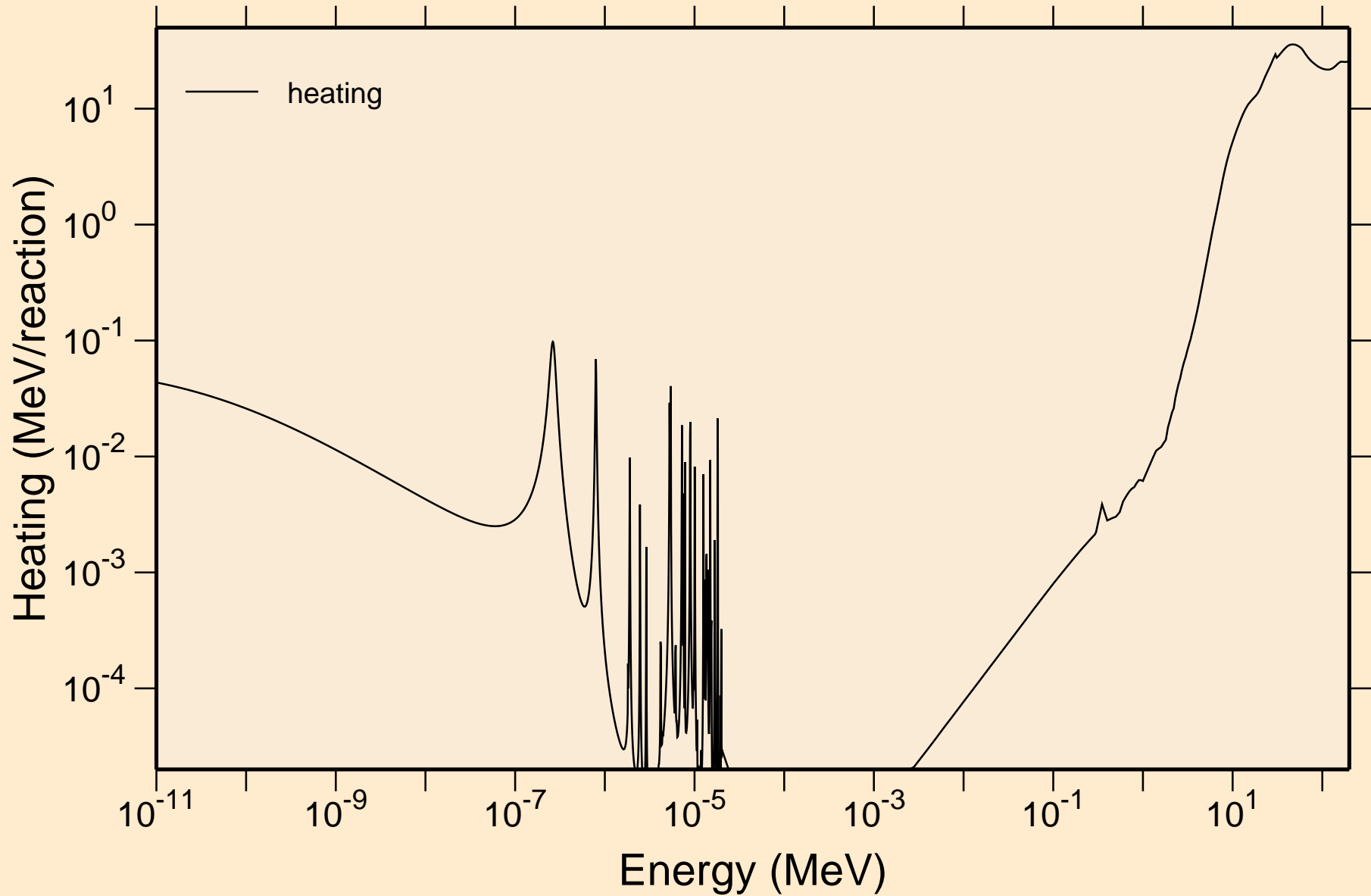




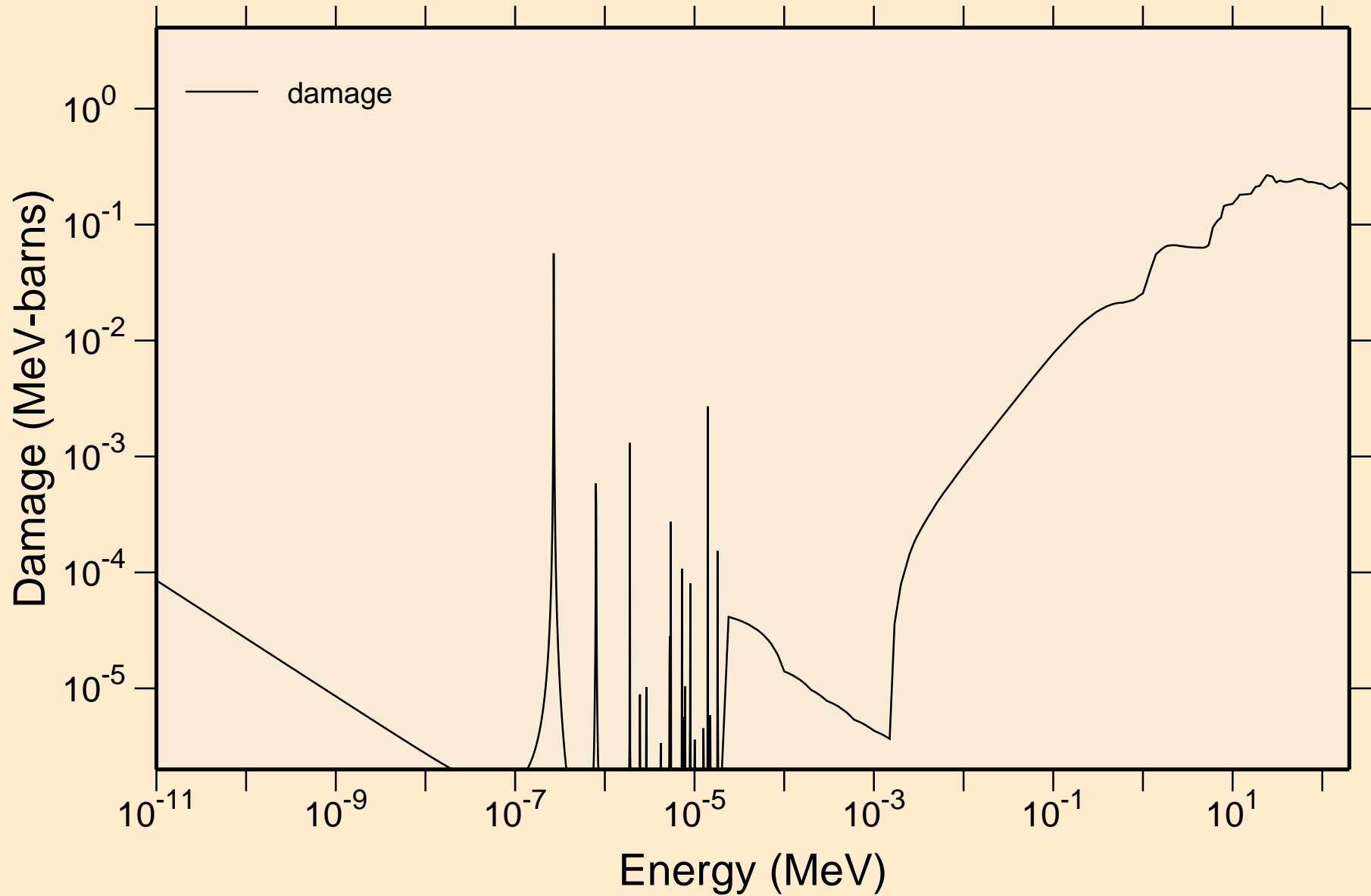
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

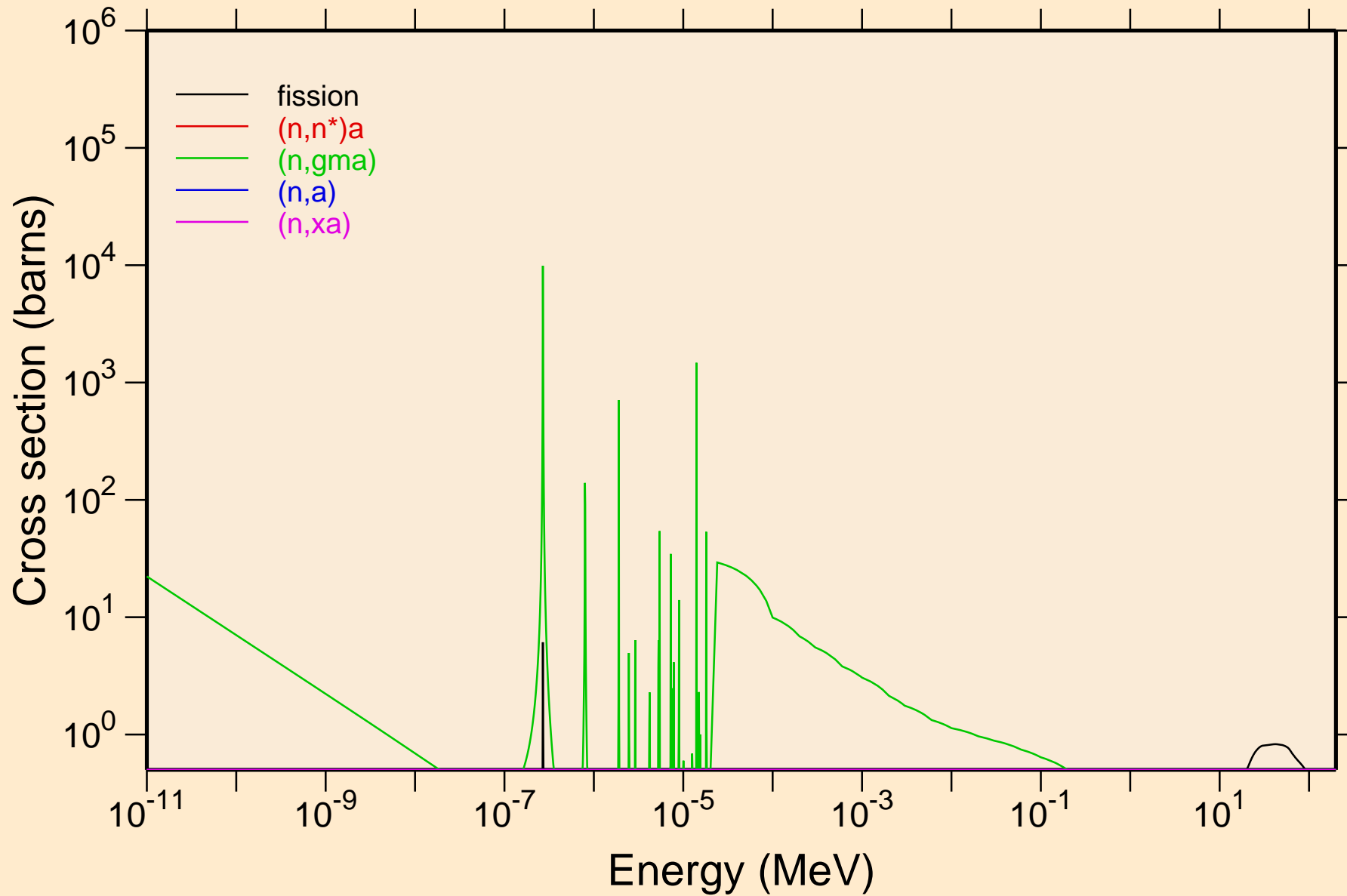


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

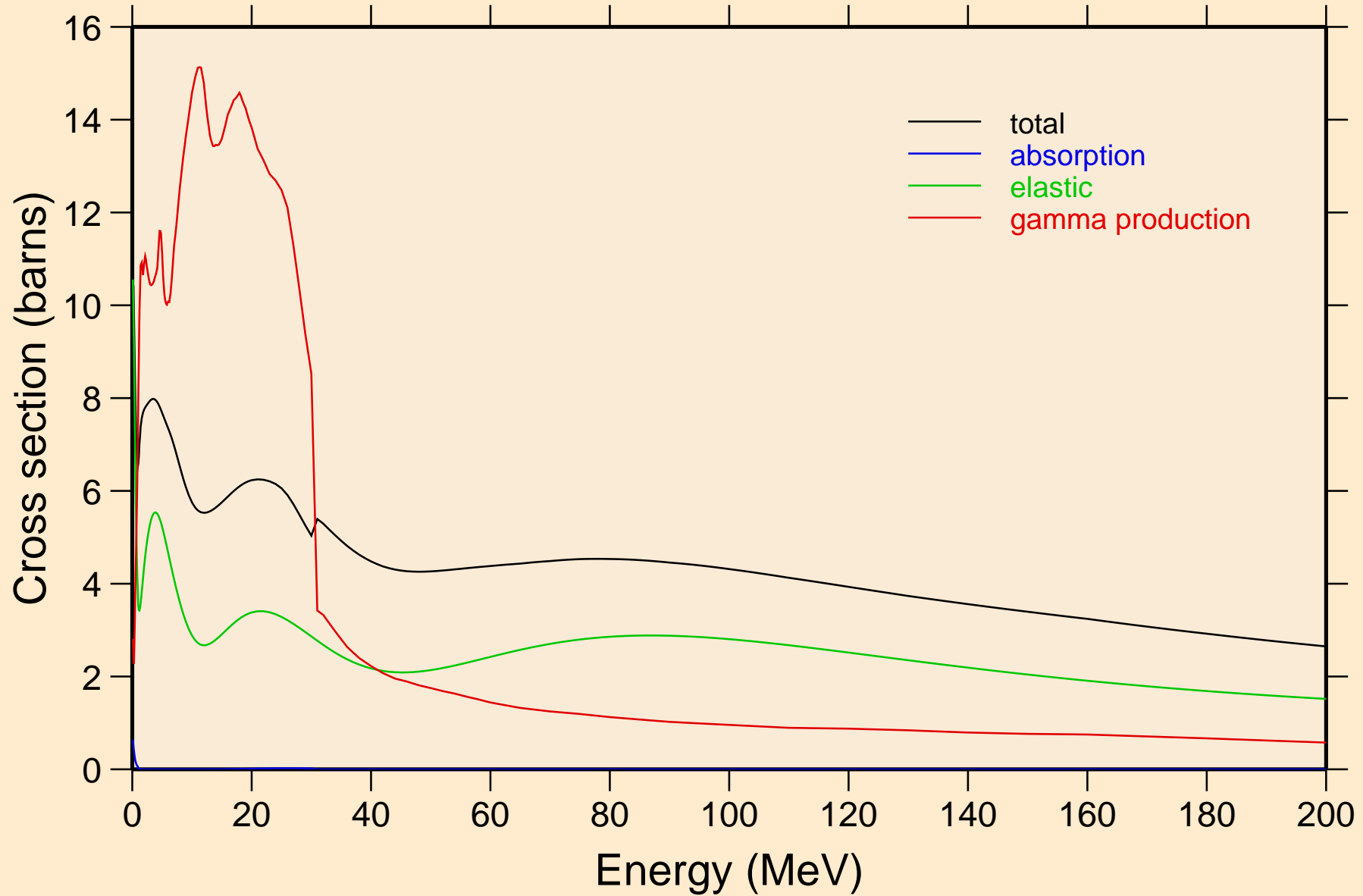


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

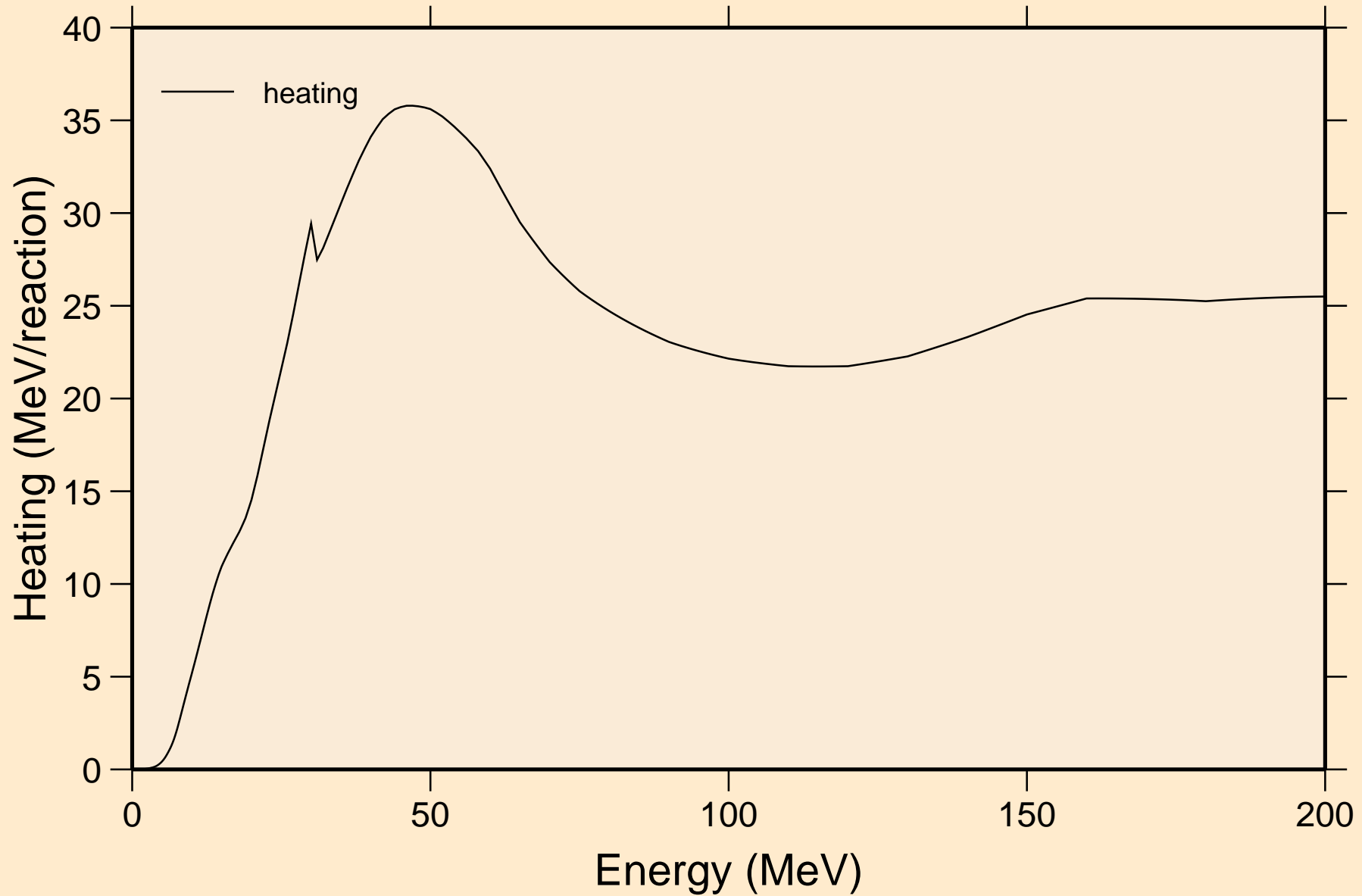


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

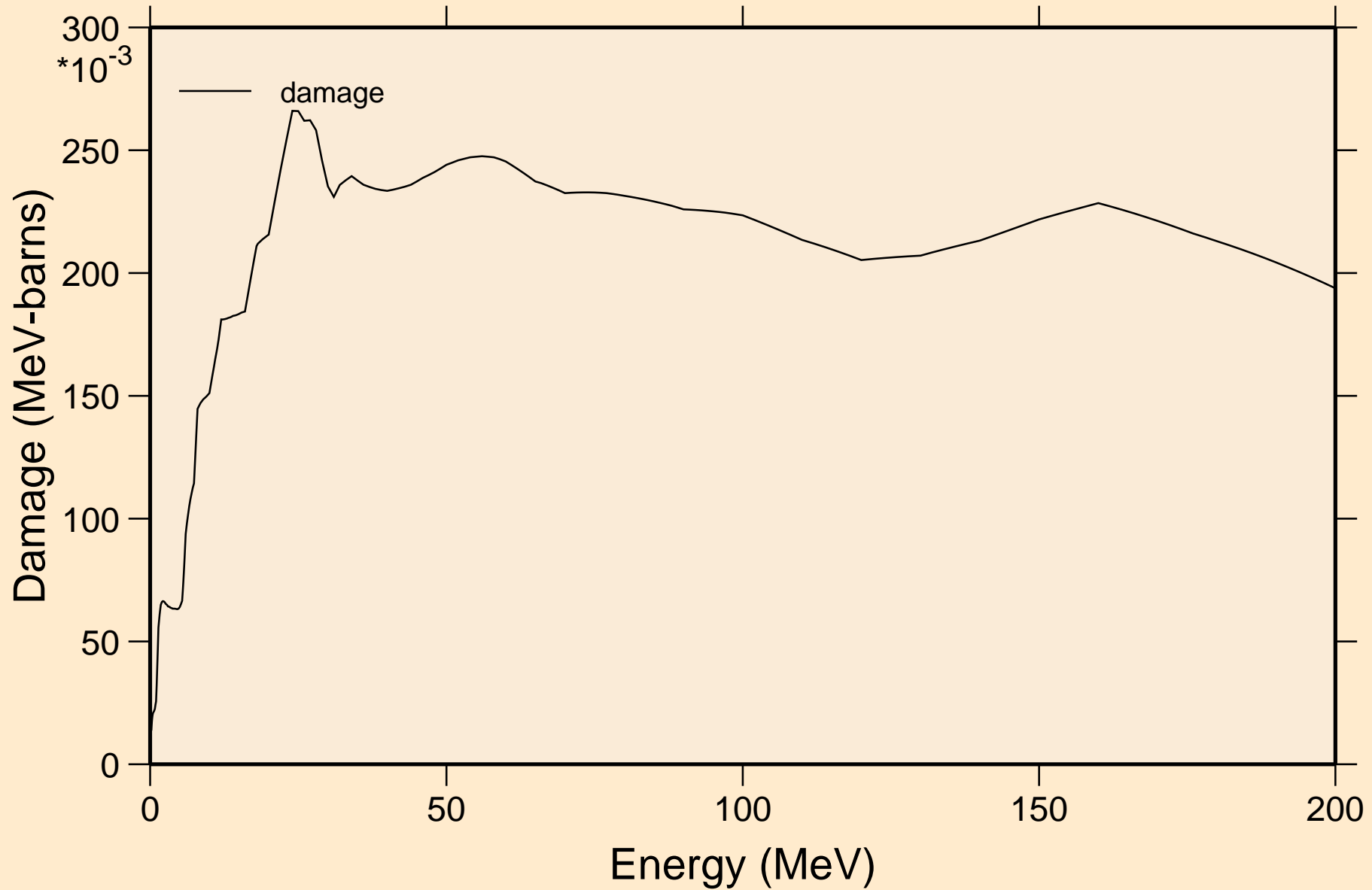


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

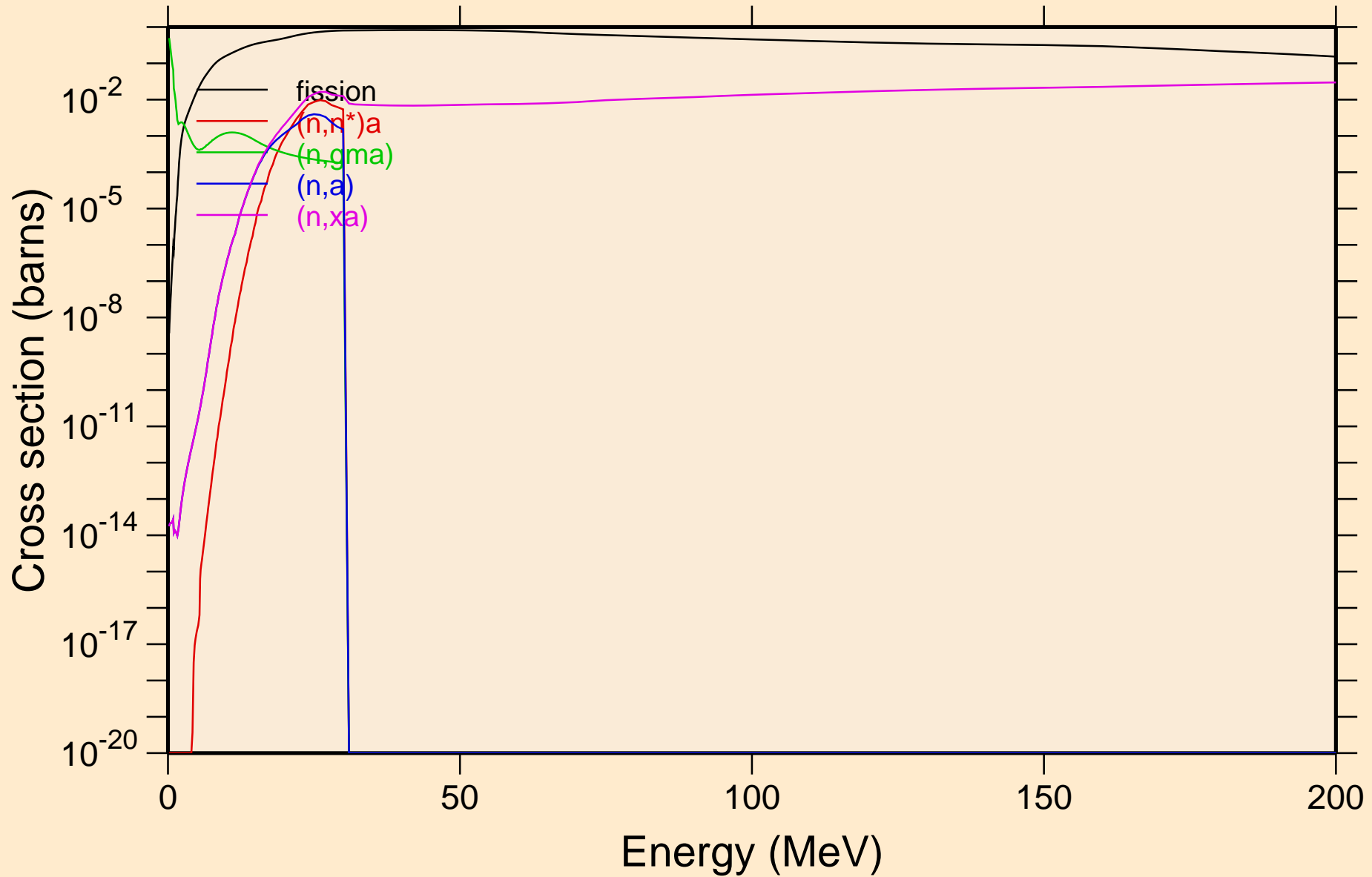


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



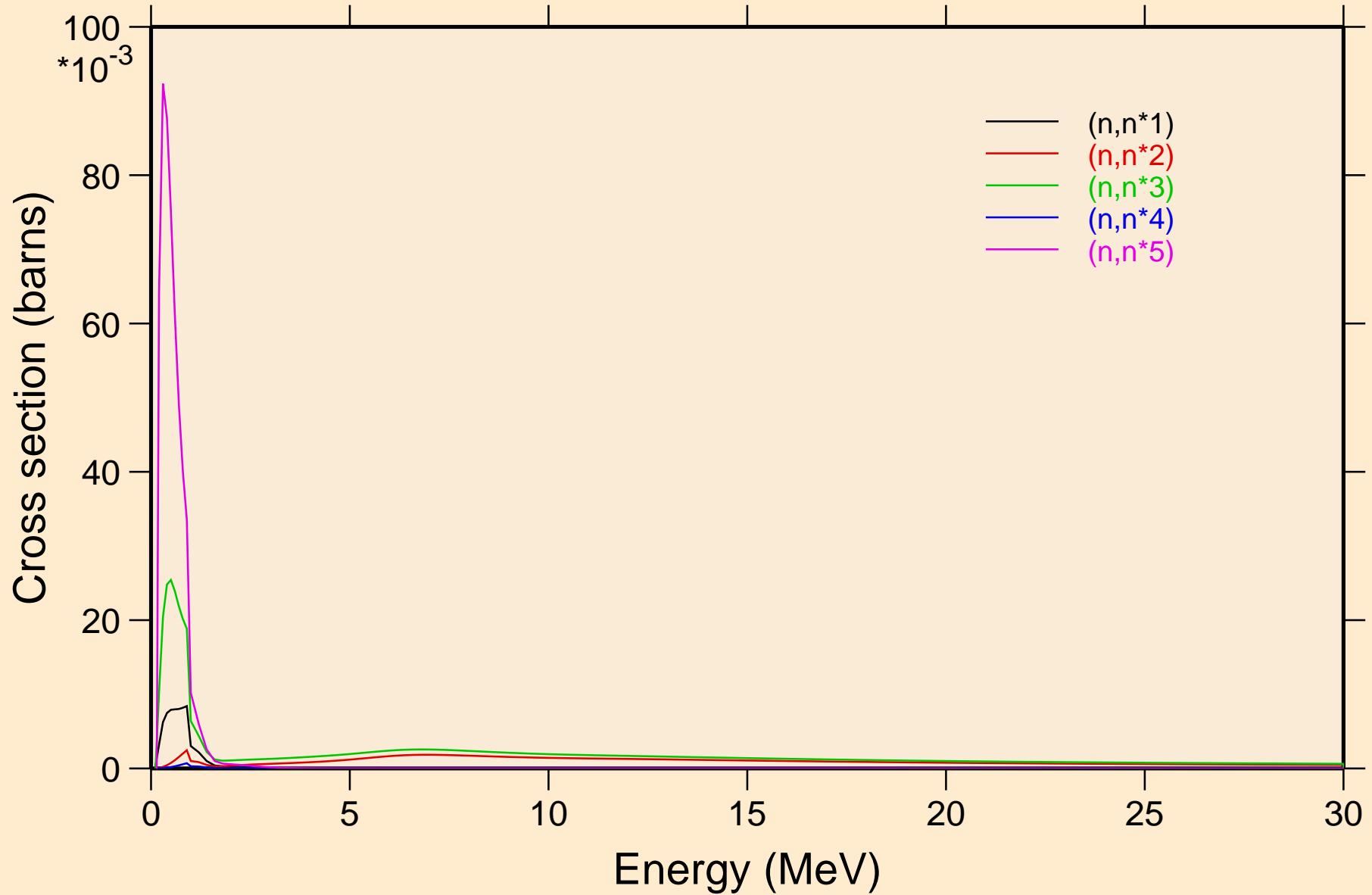
# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

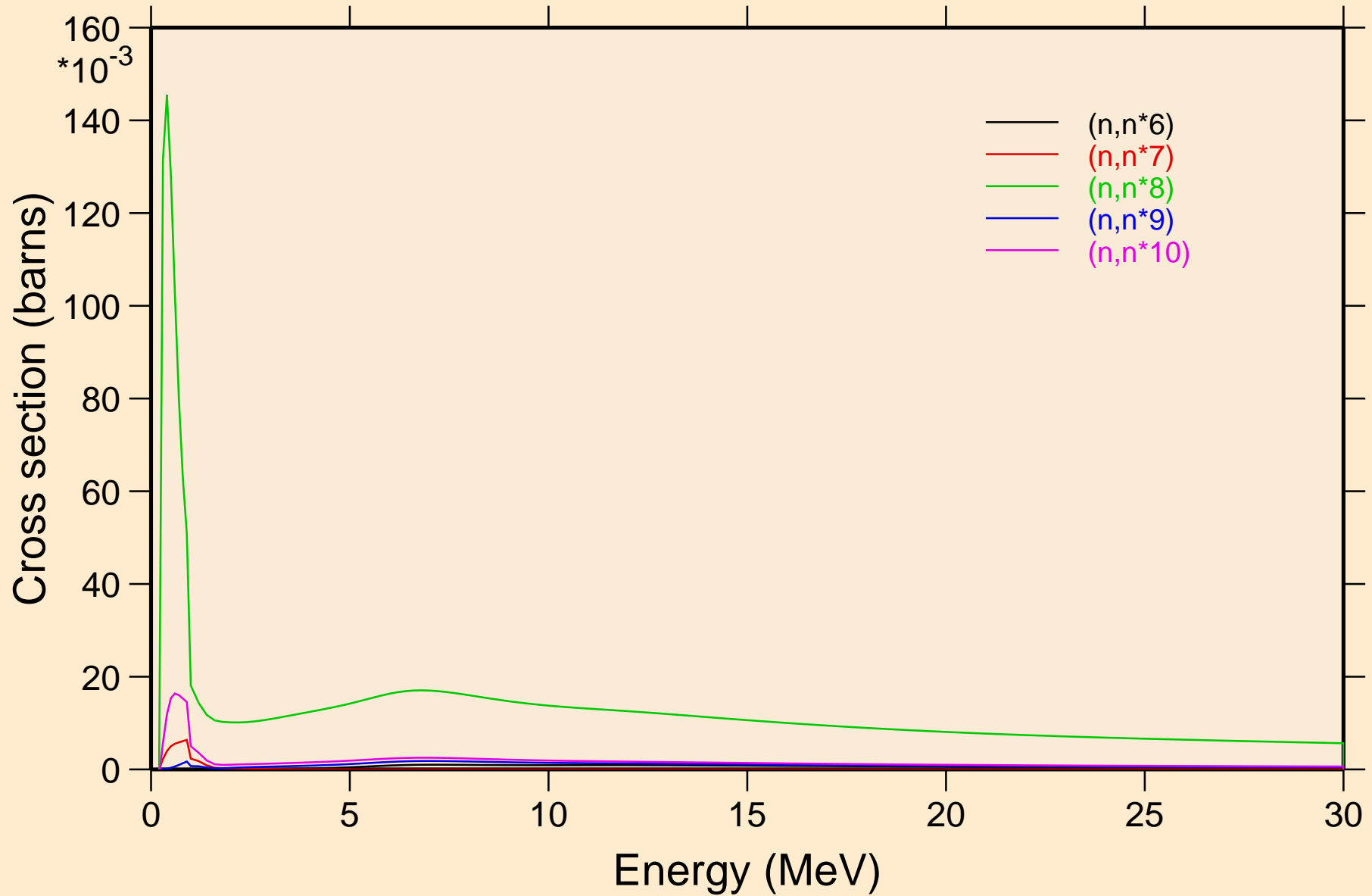




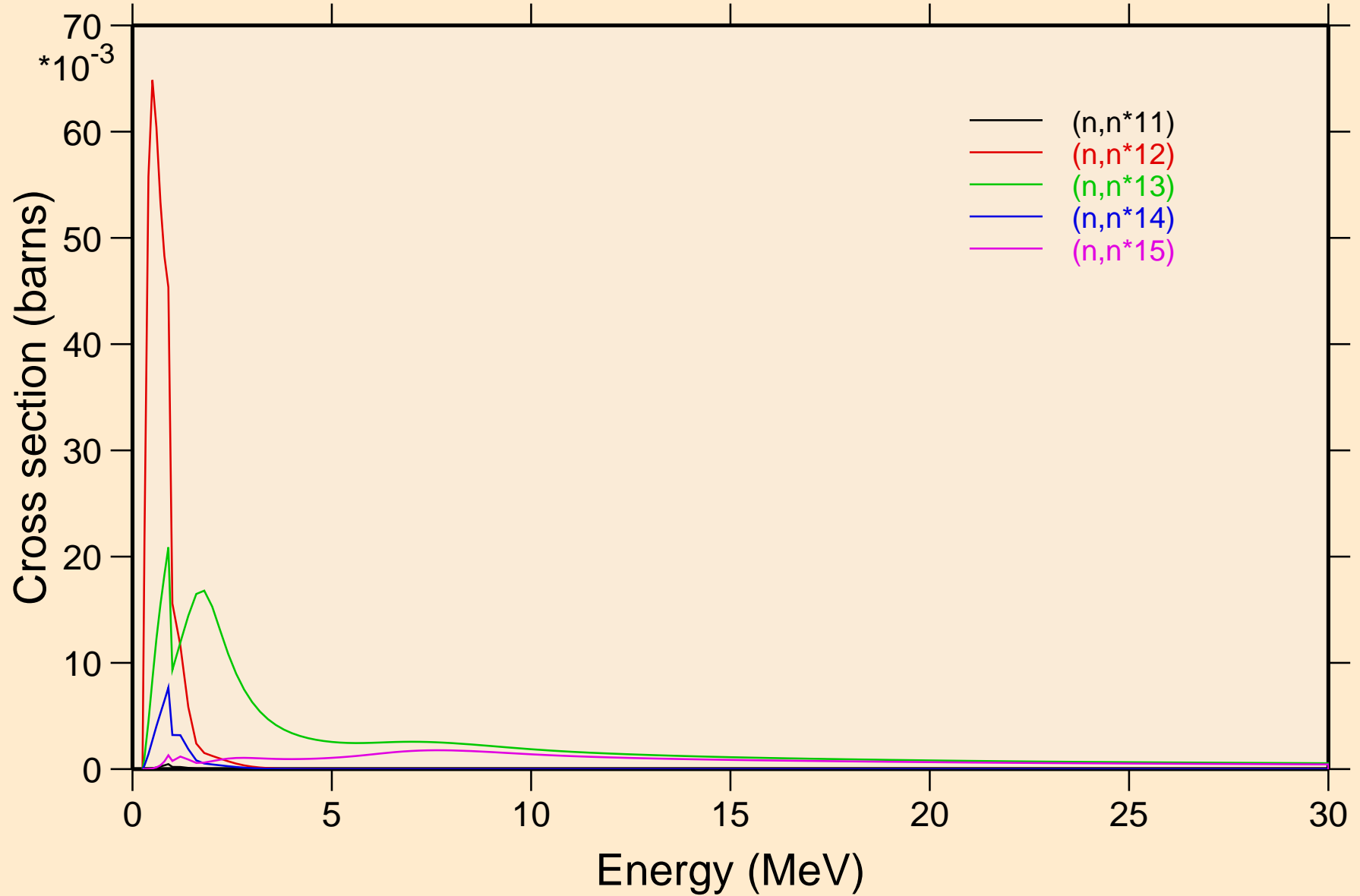
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



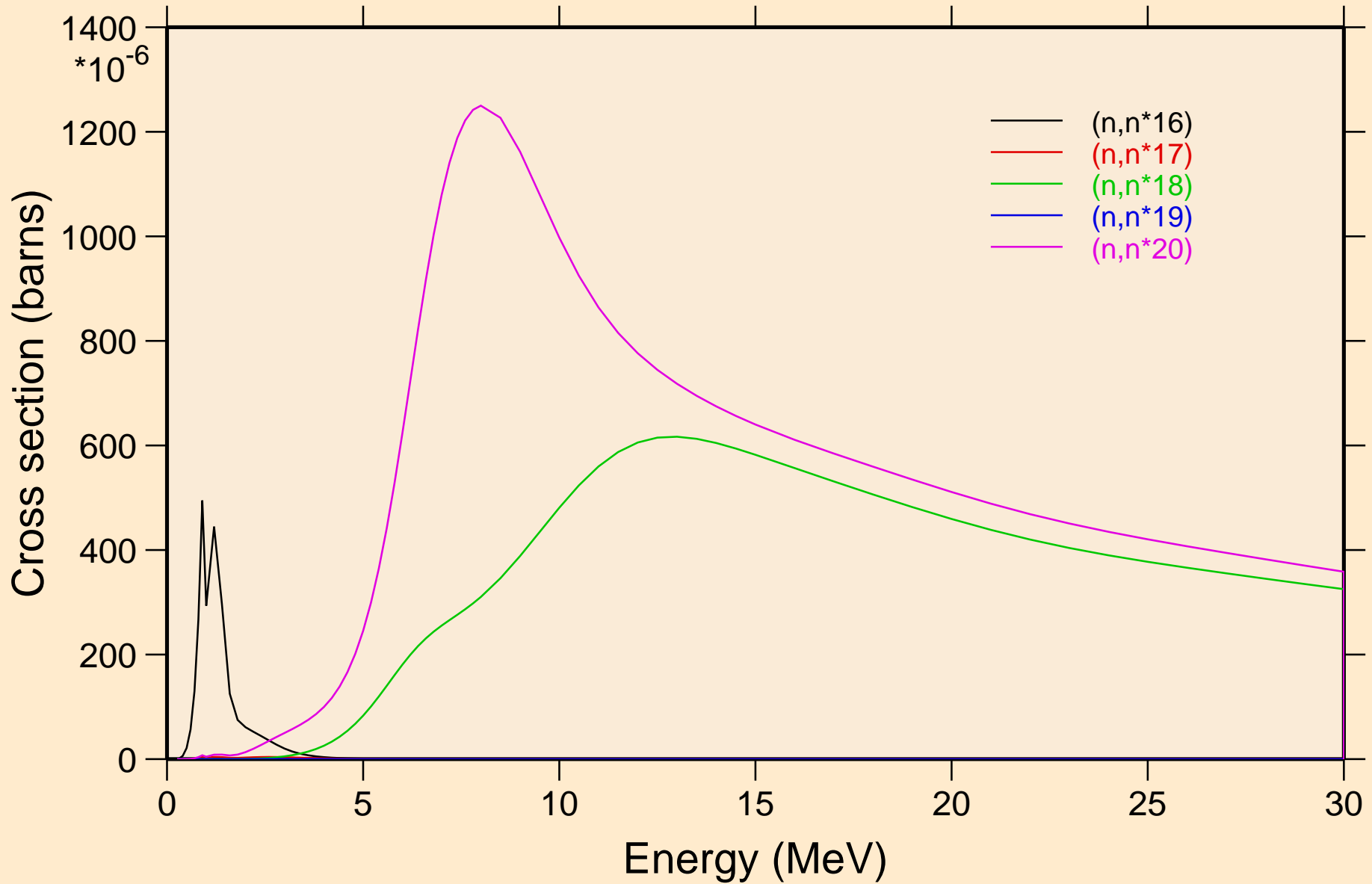
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



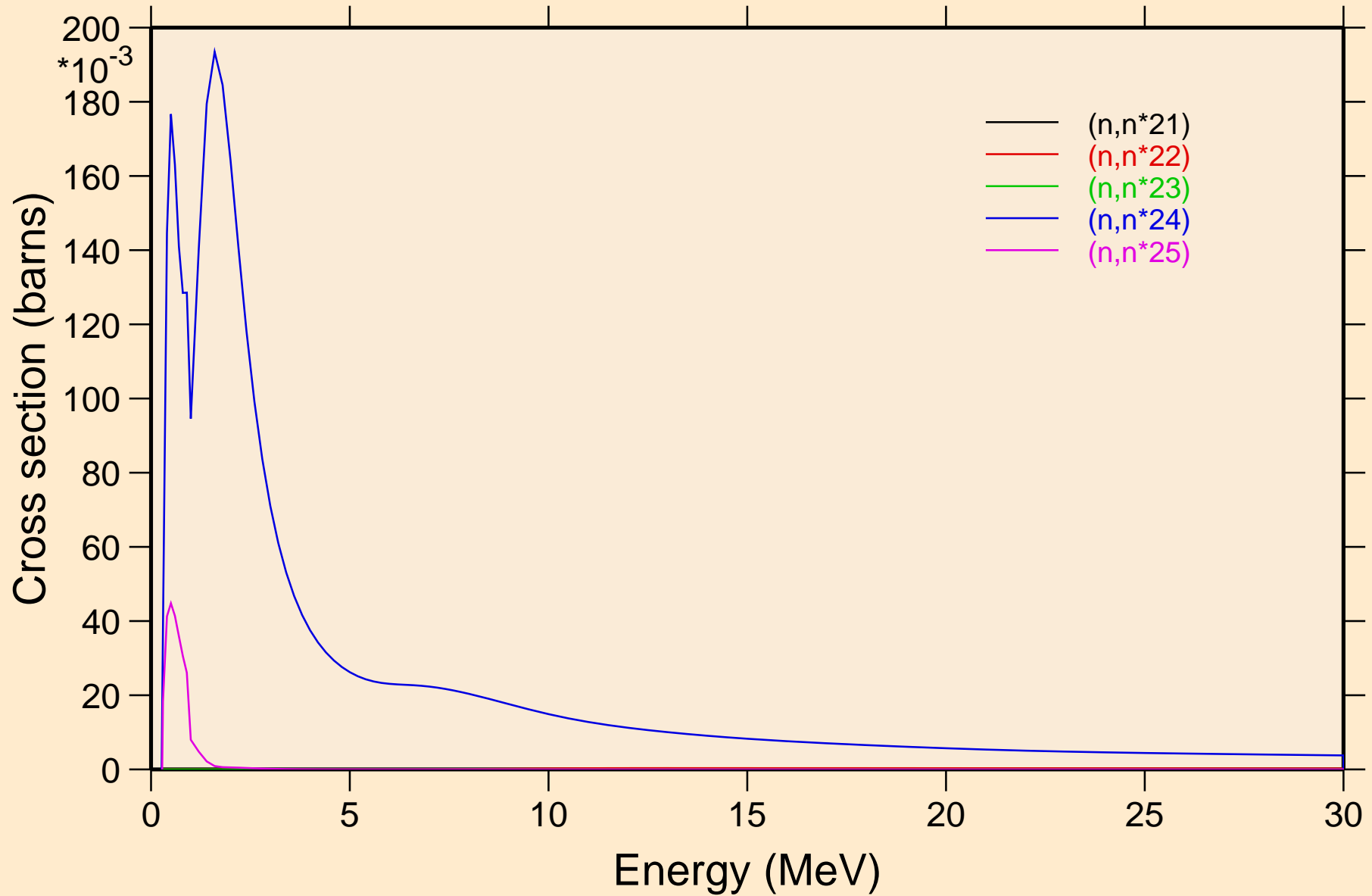
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



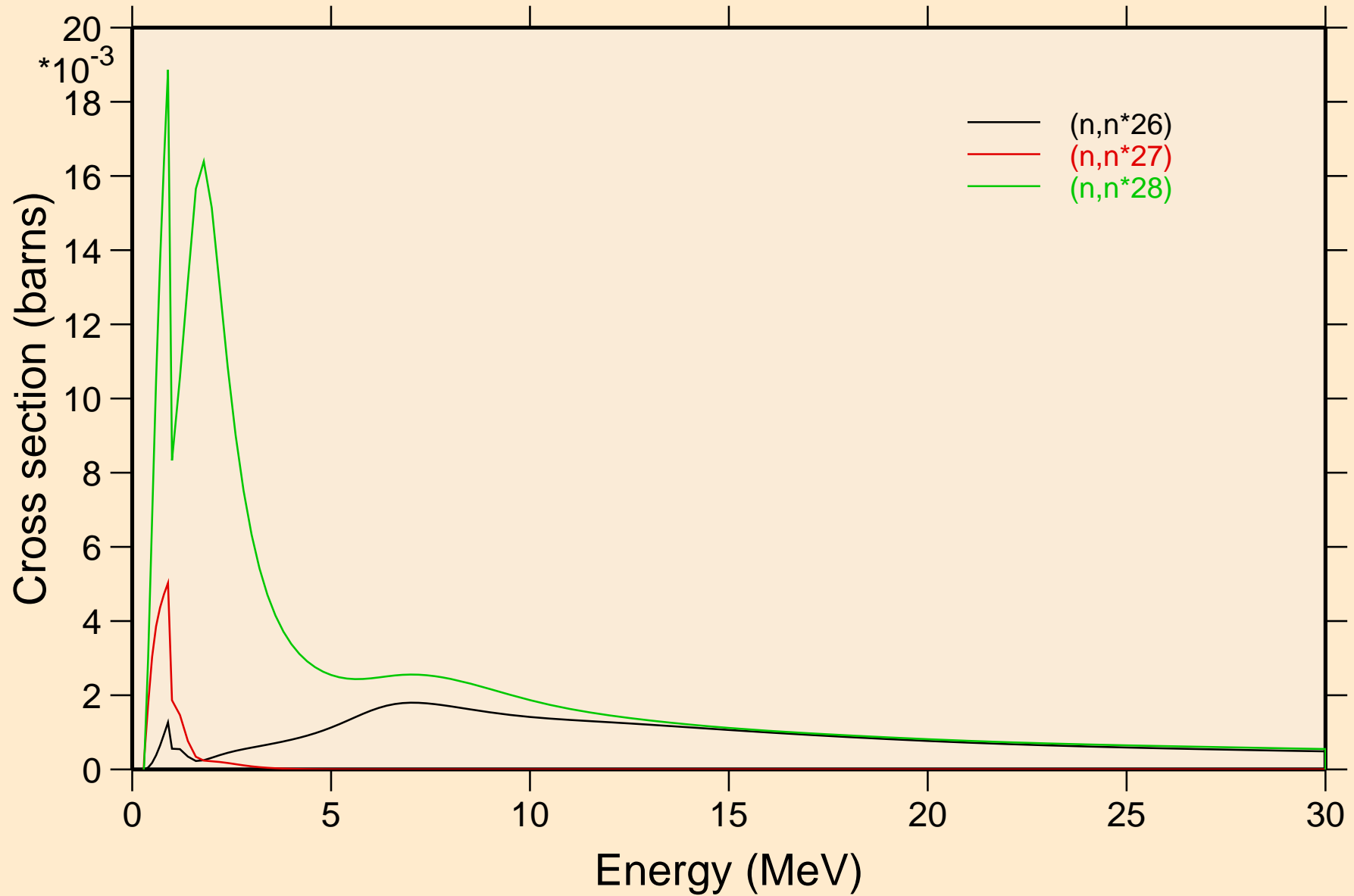
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



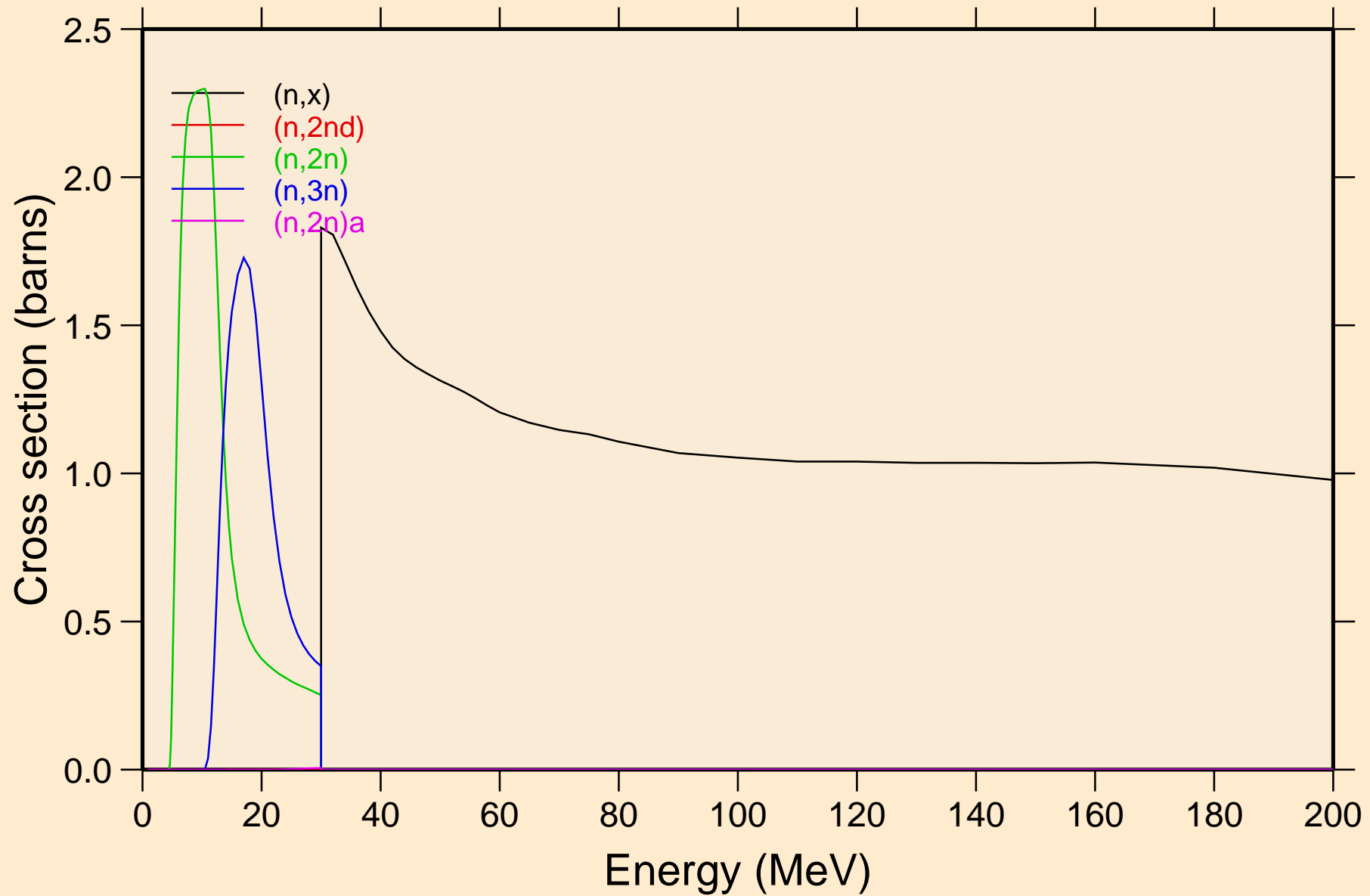
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



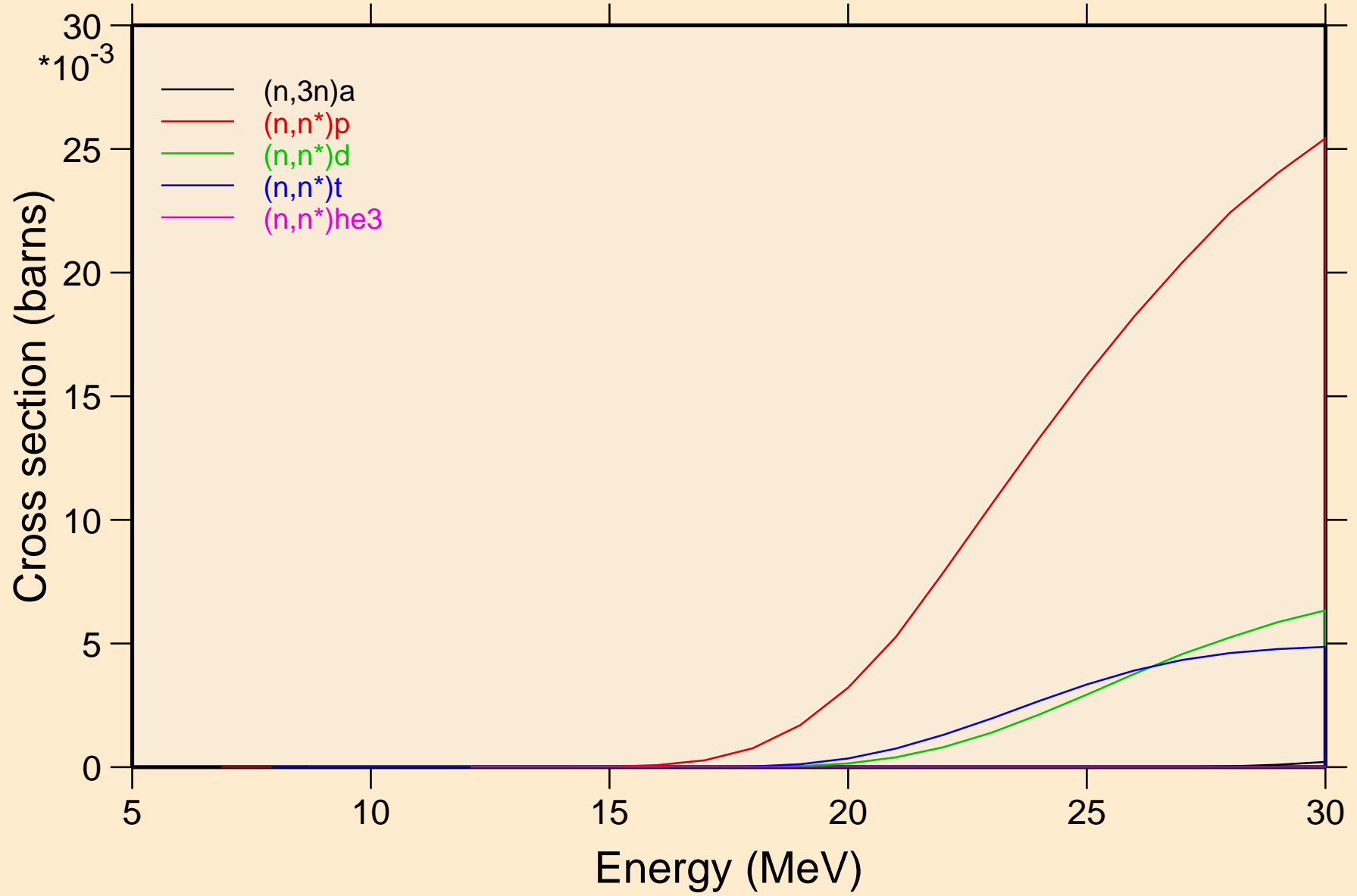
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



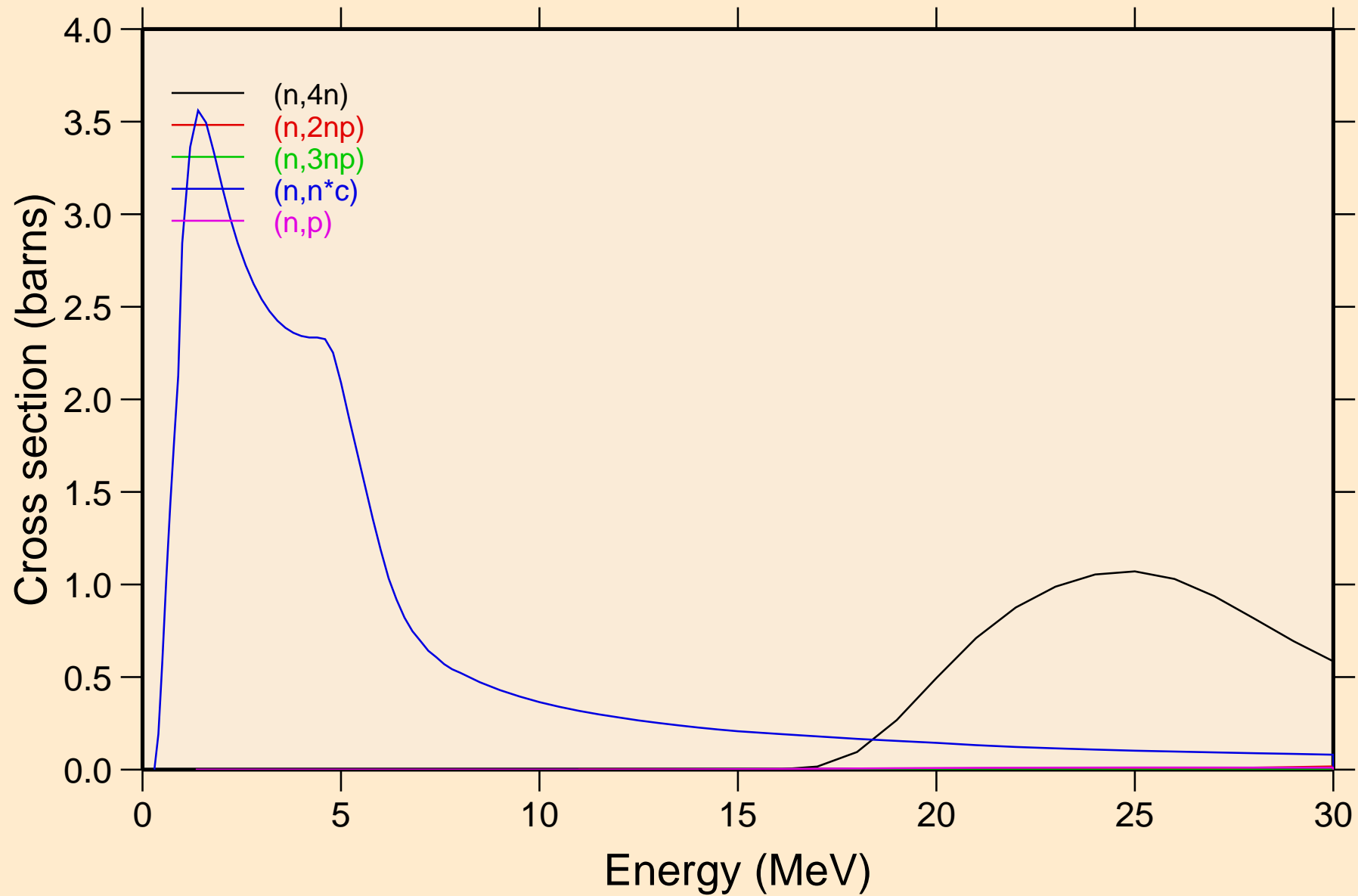
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Threshold reactions



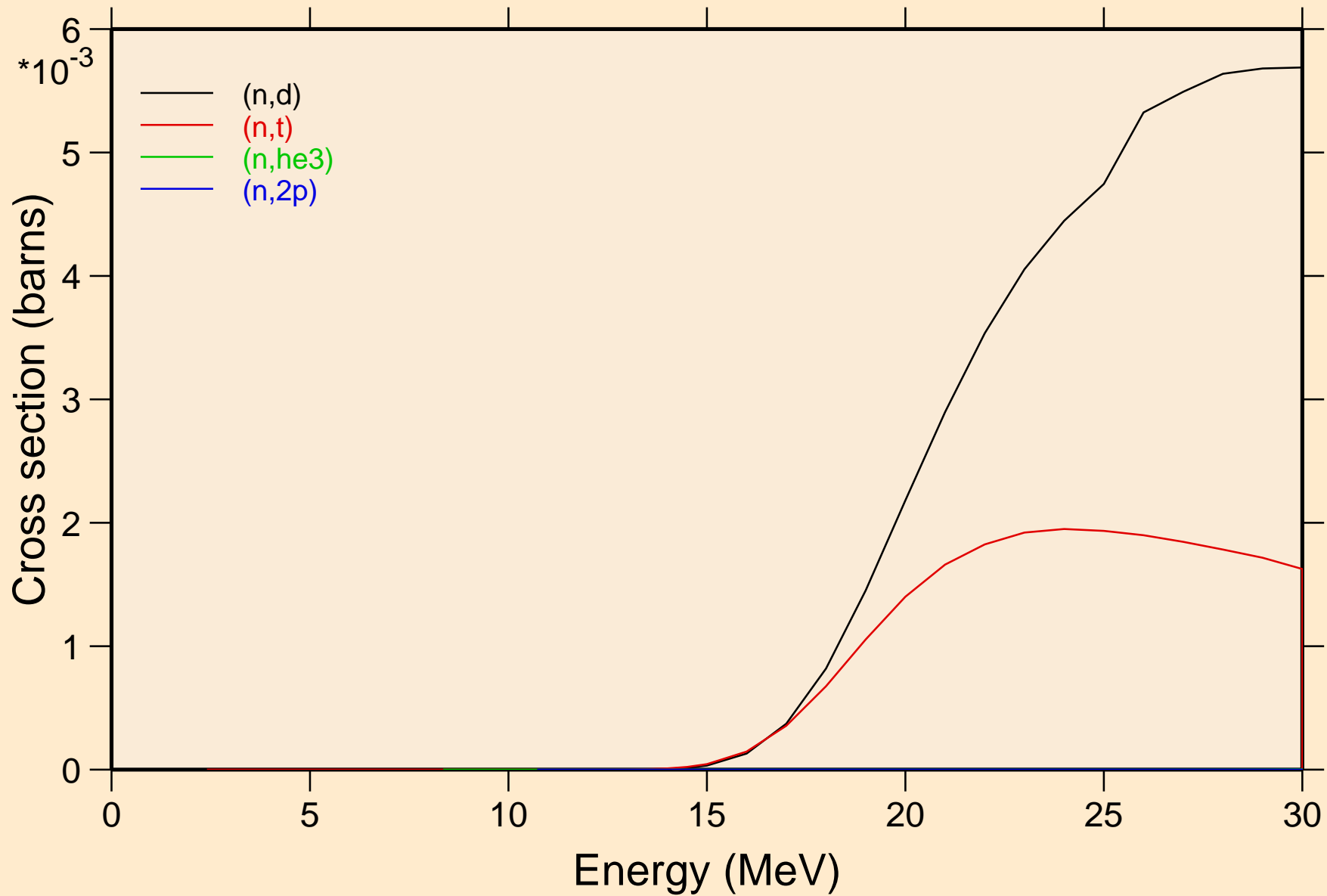


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

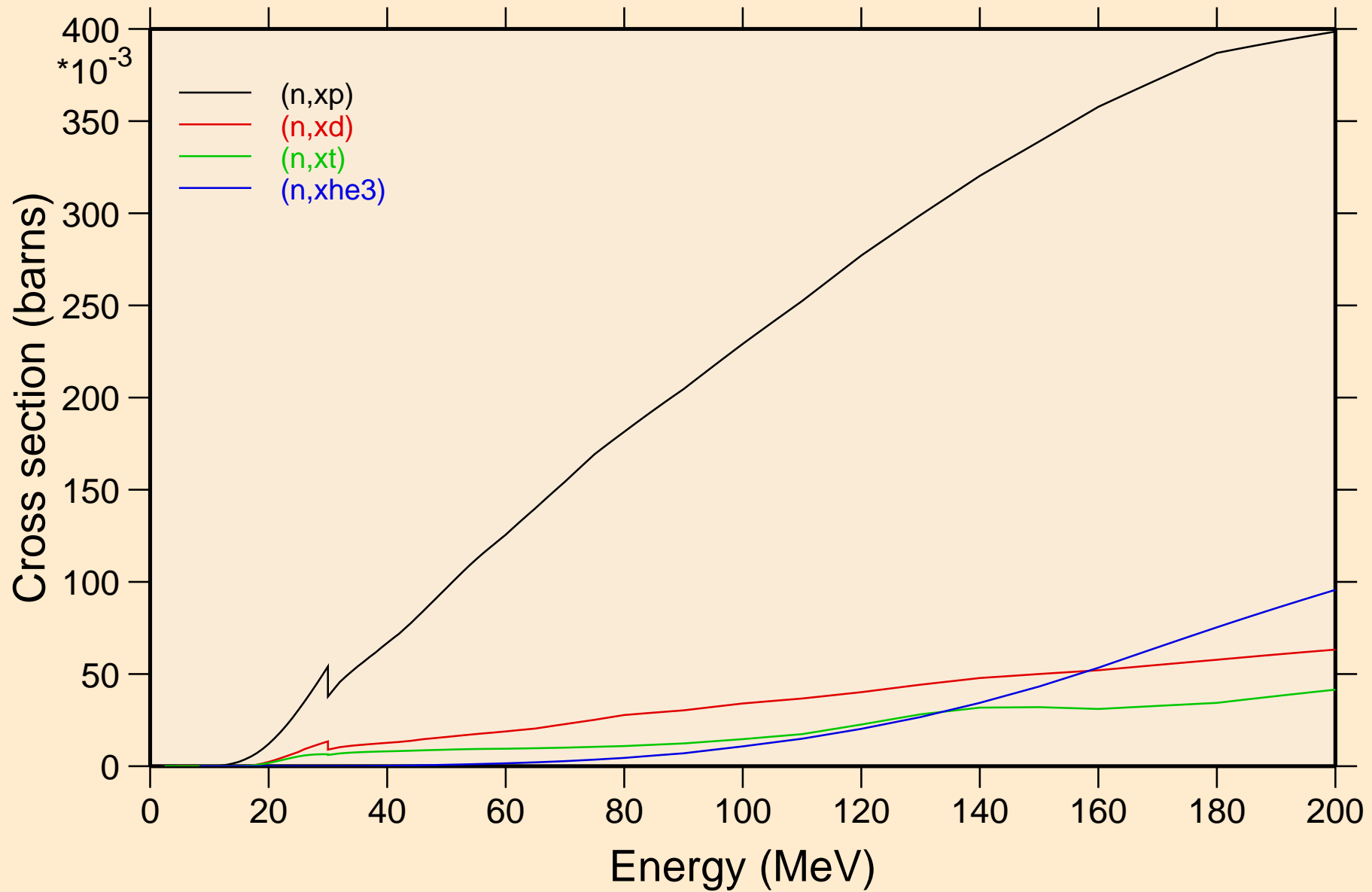


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

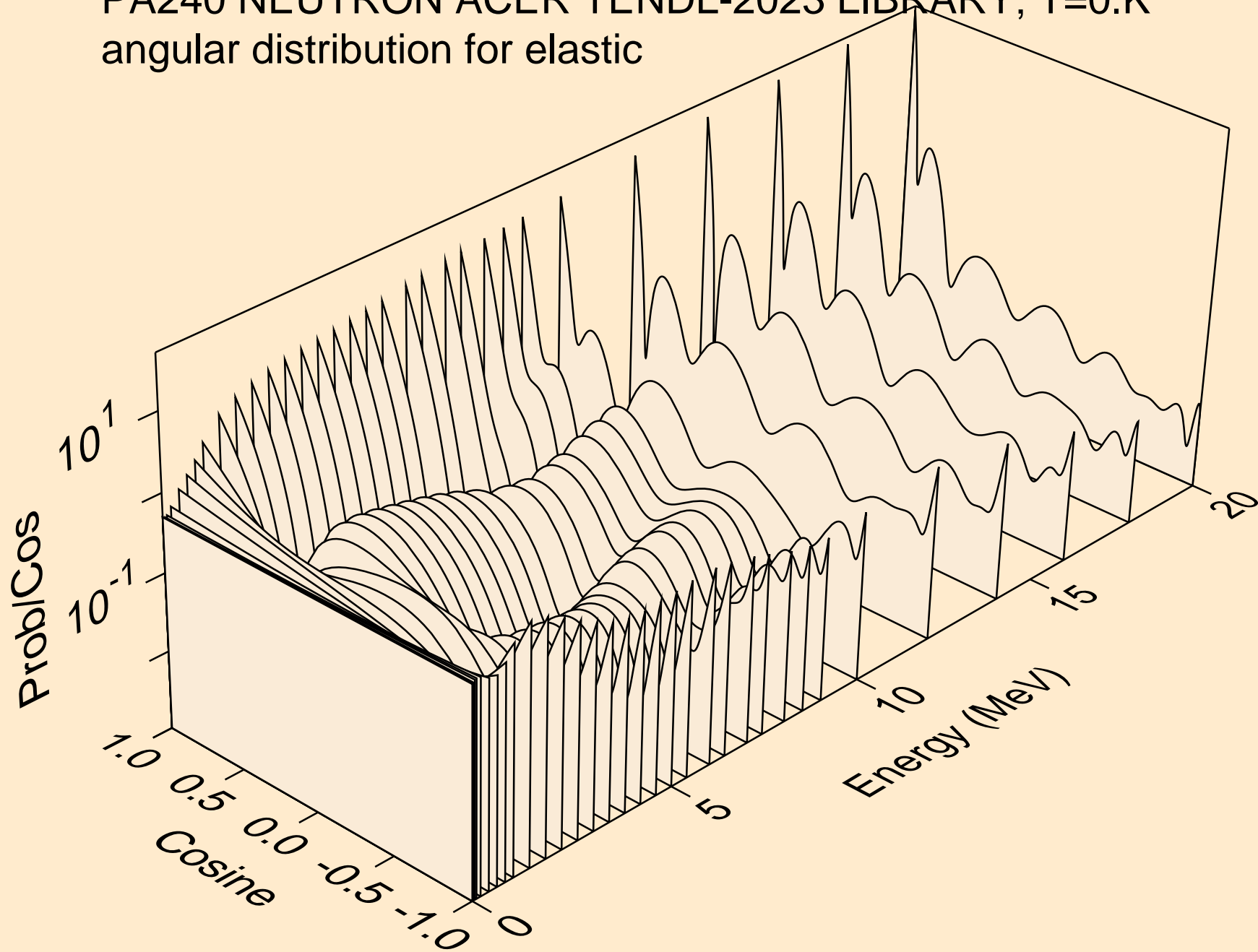


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

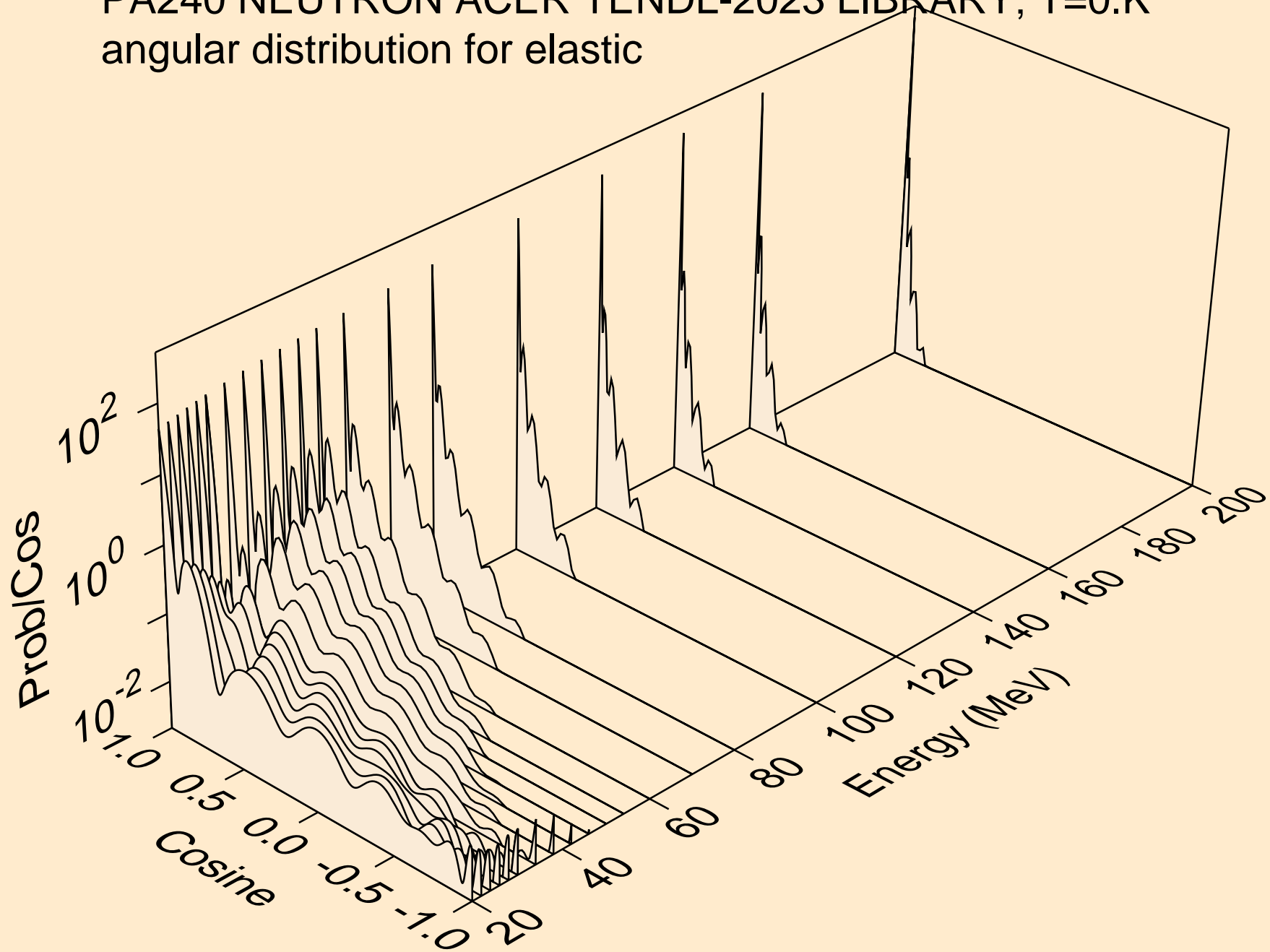
## Threshold reactions



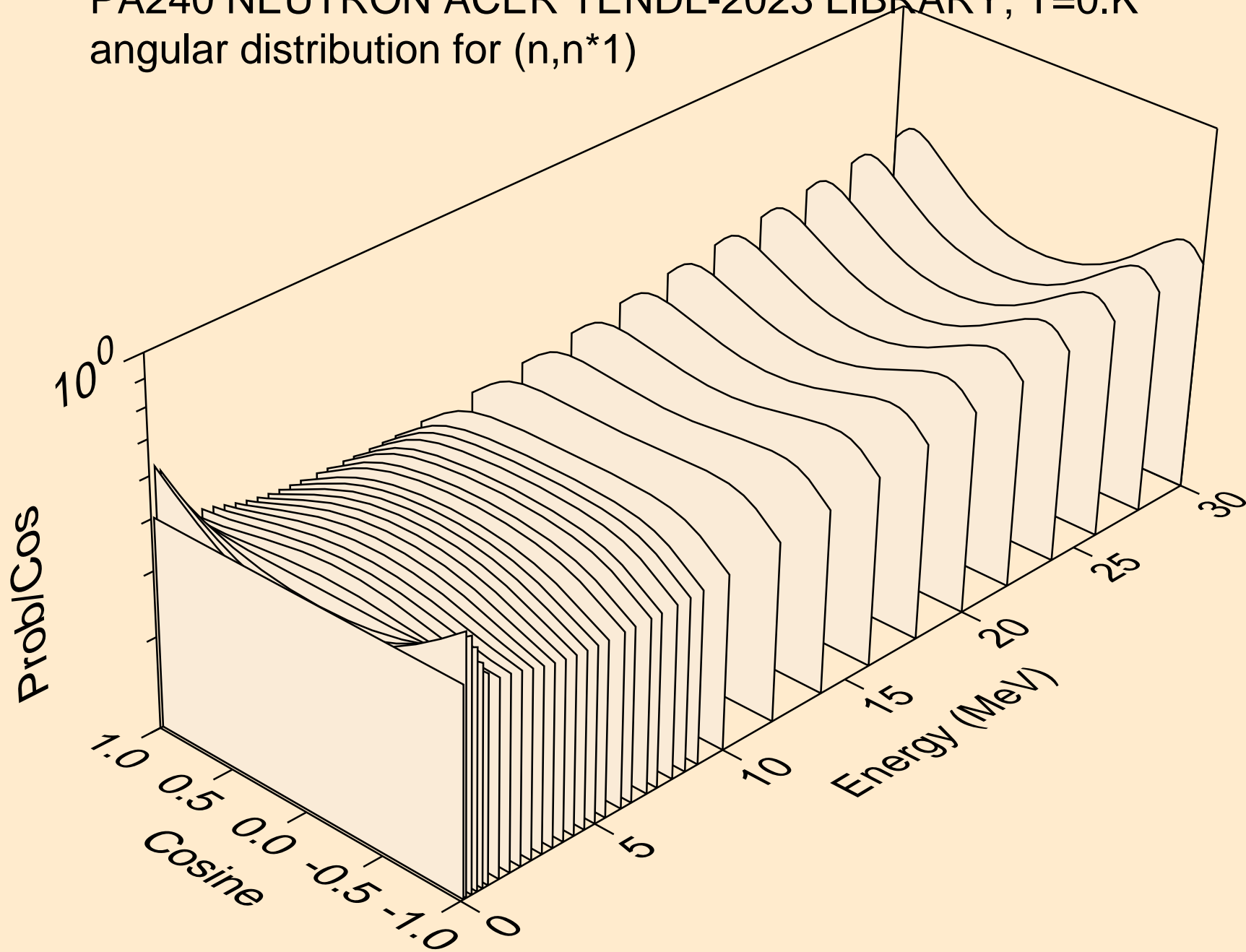
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



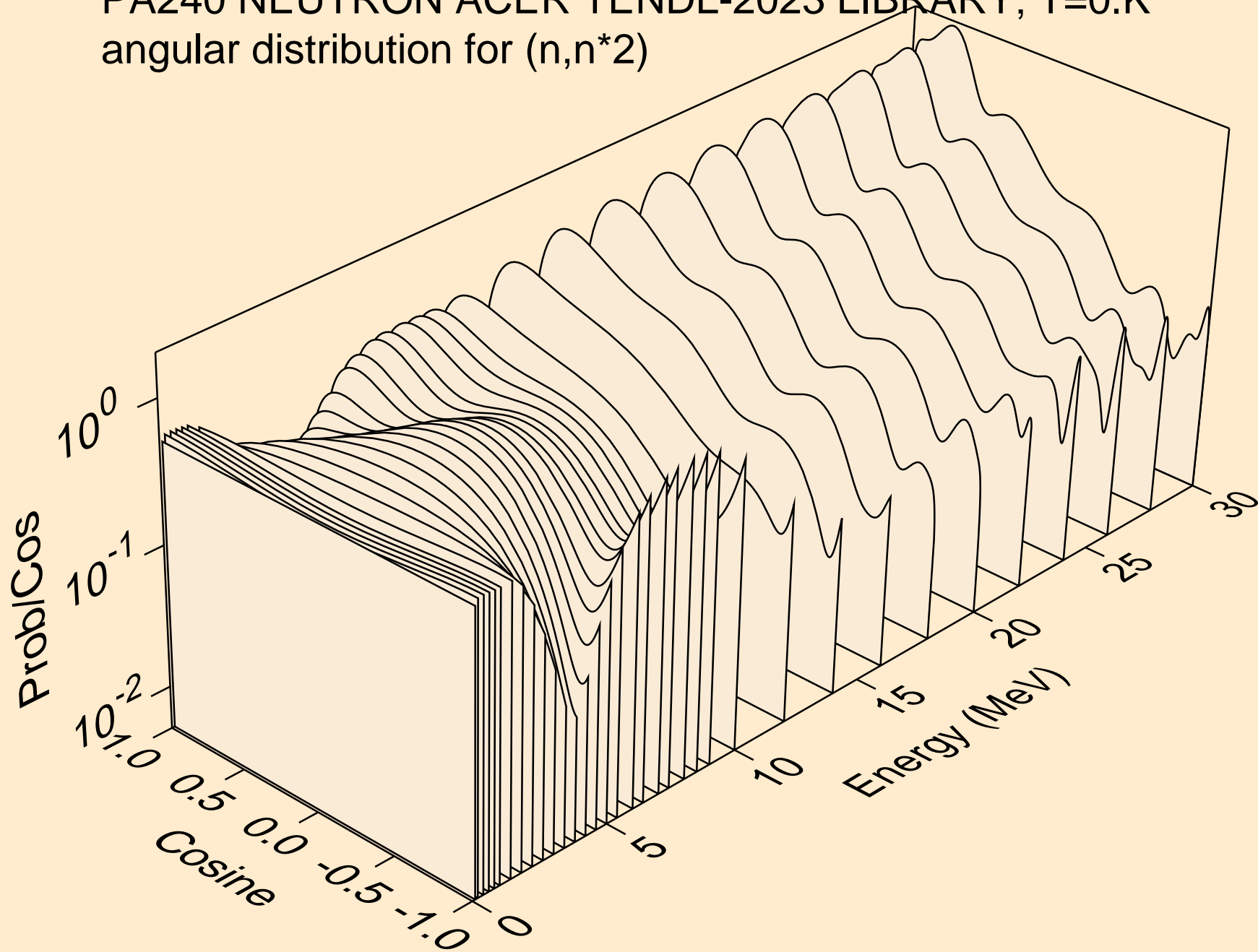
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



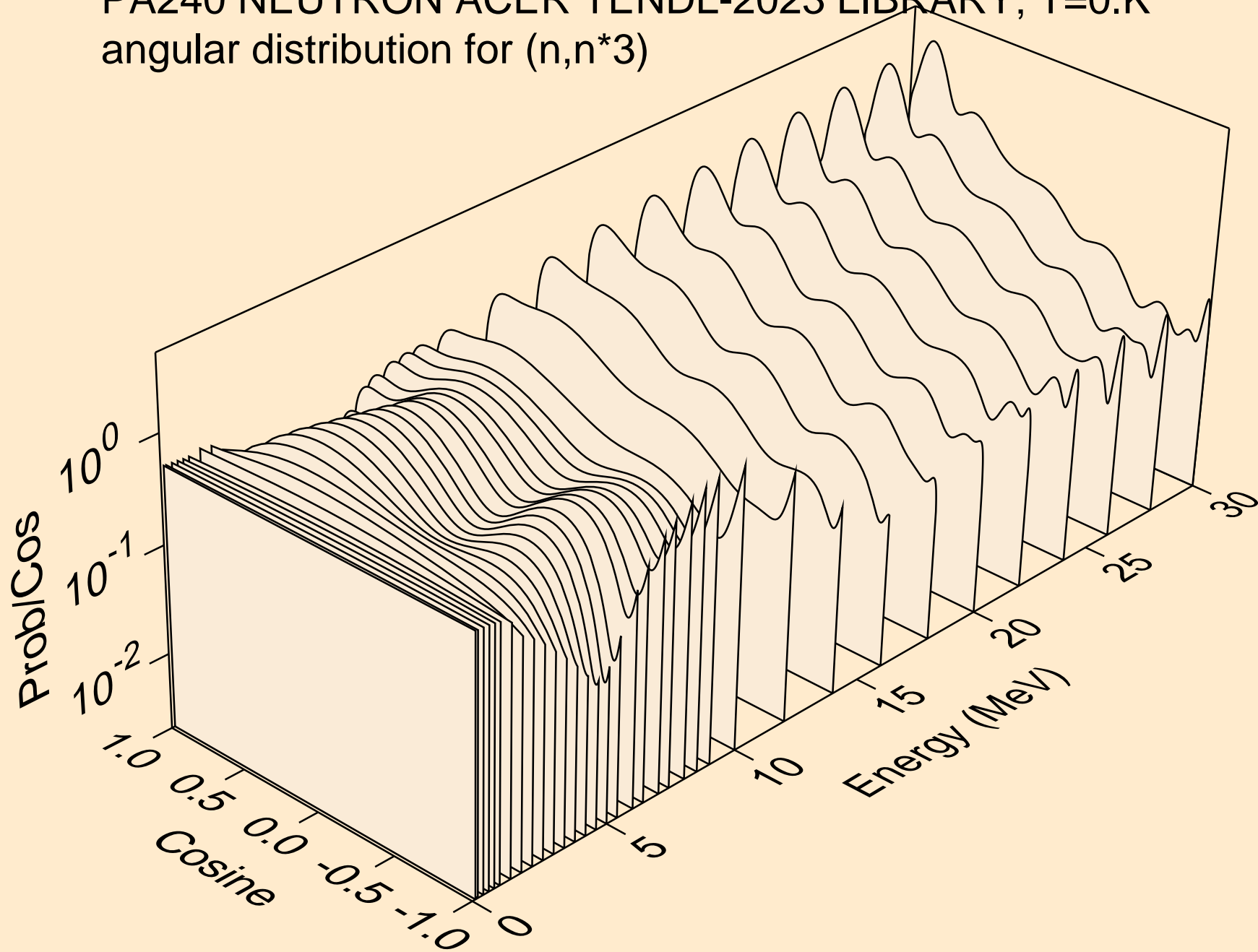
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

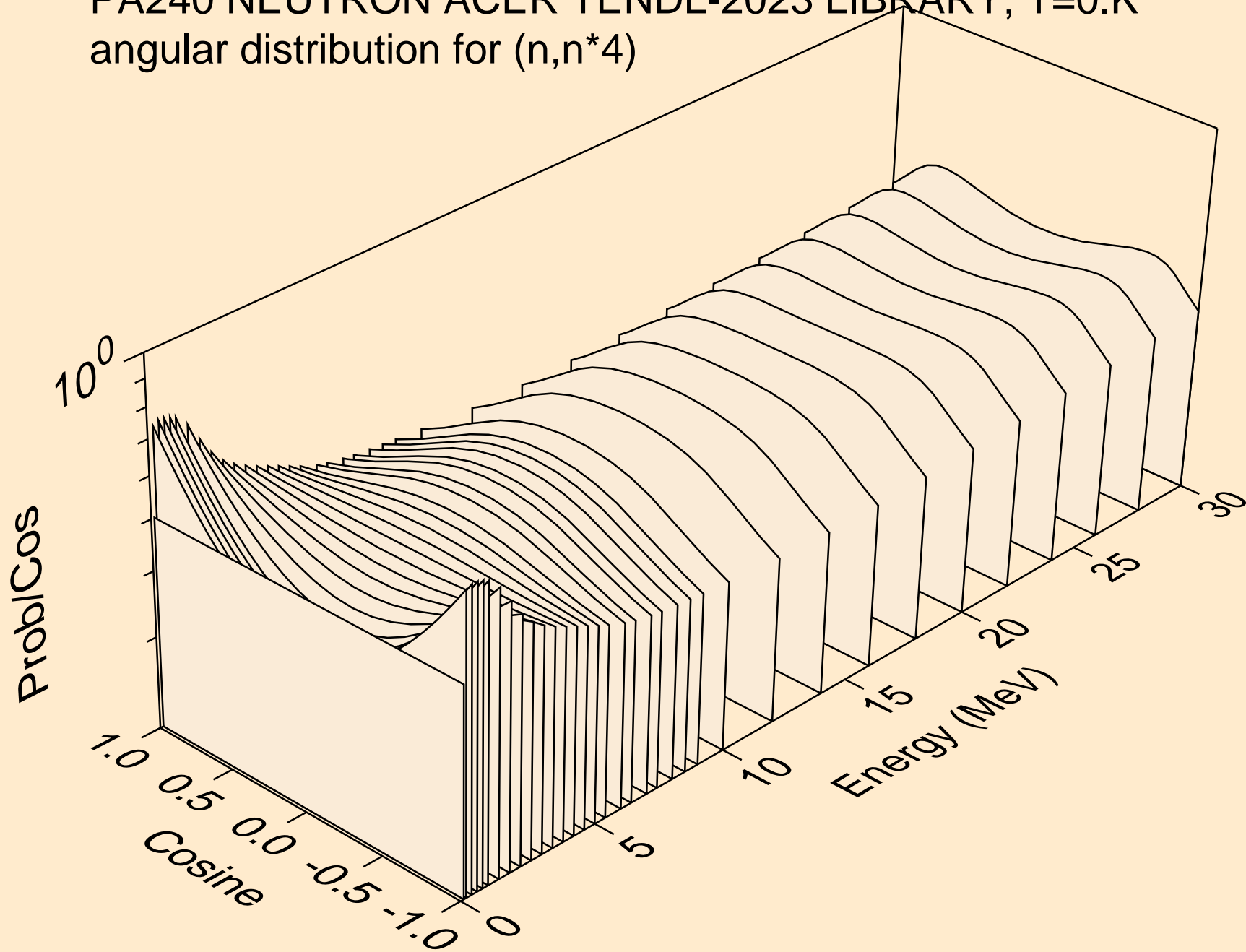


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

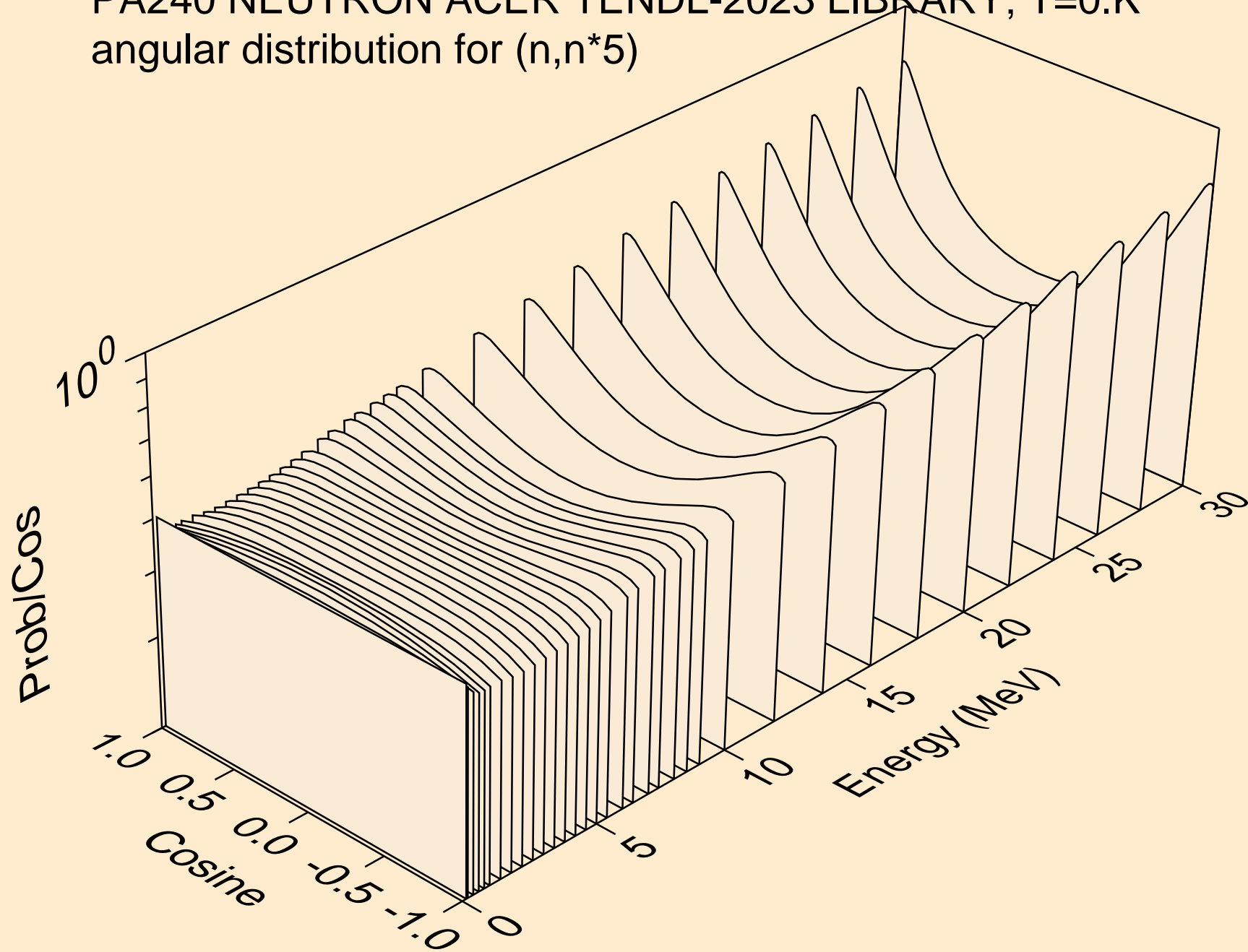




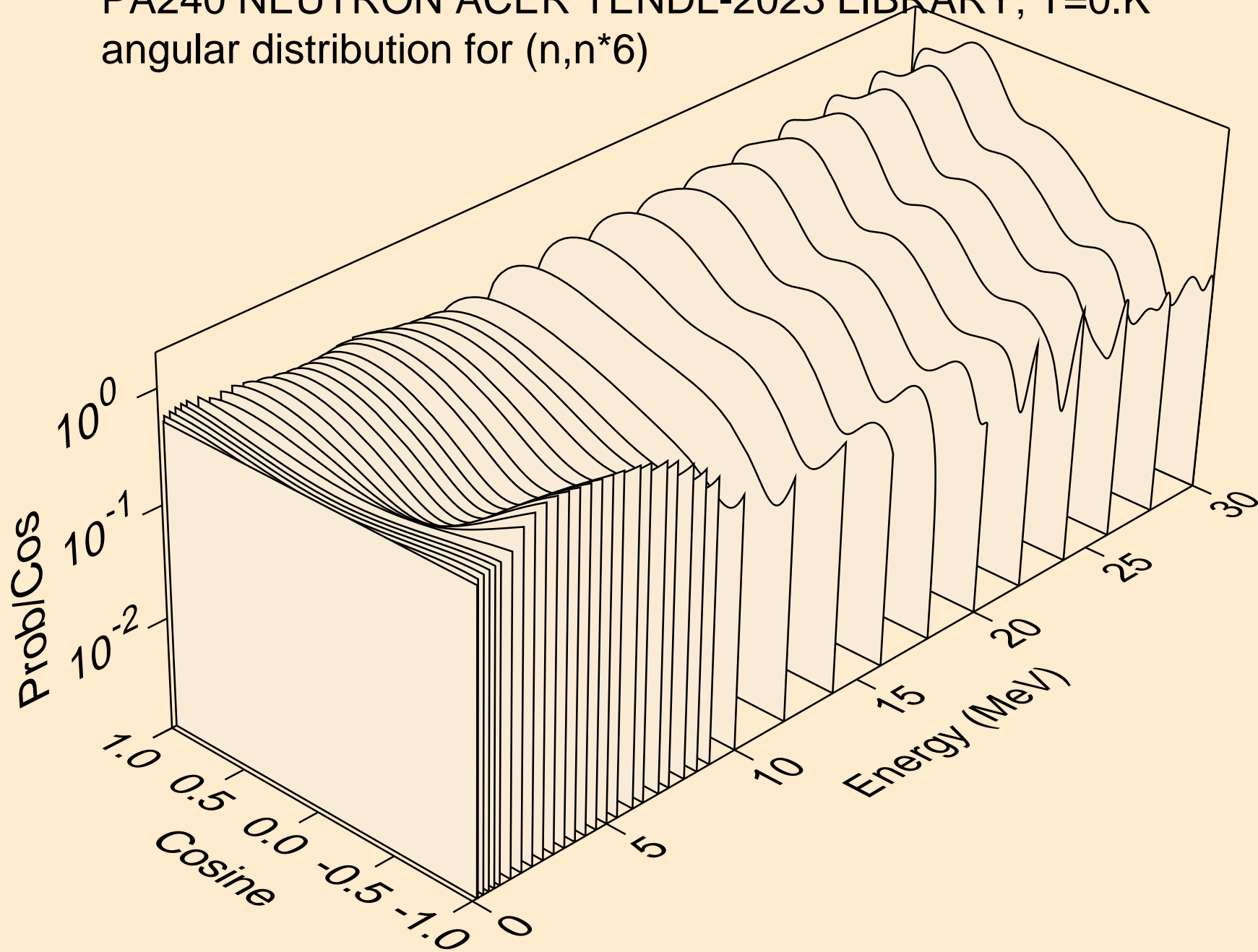
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



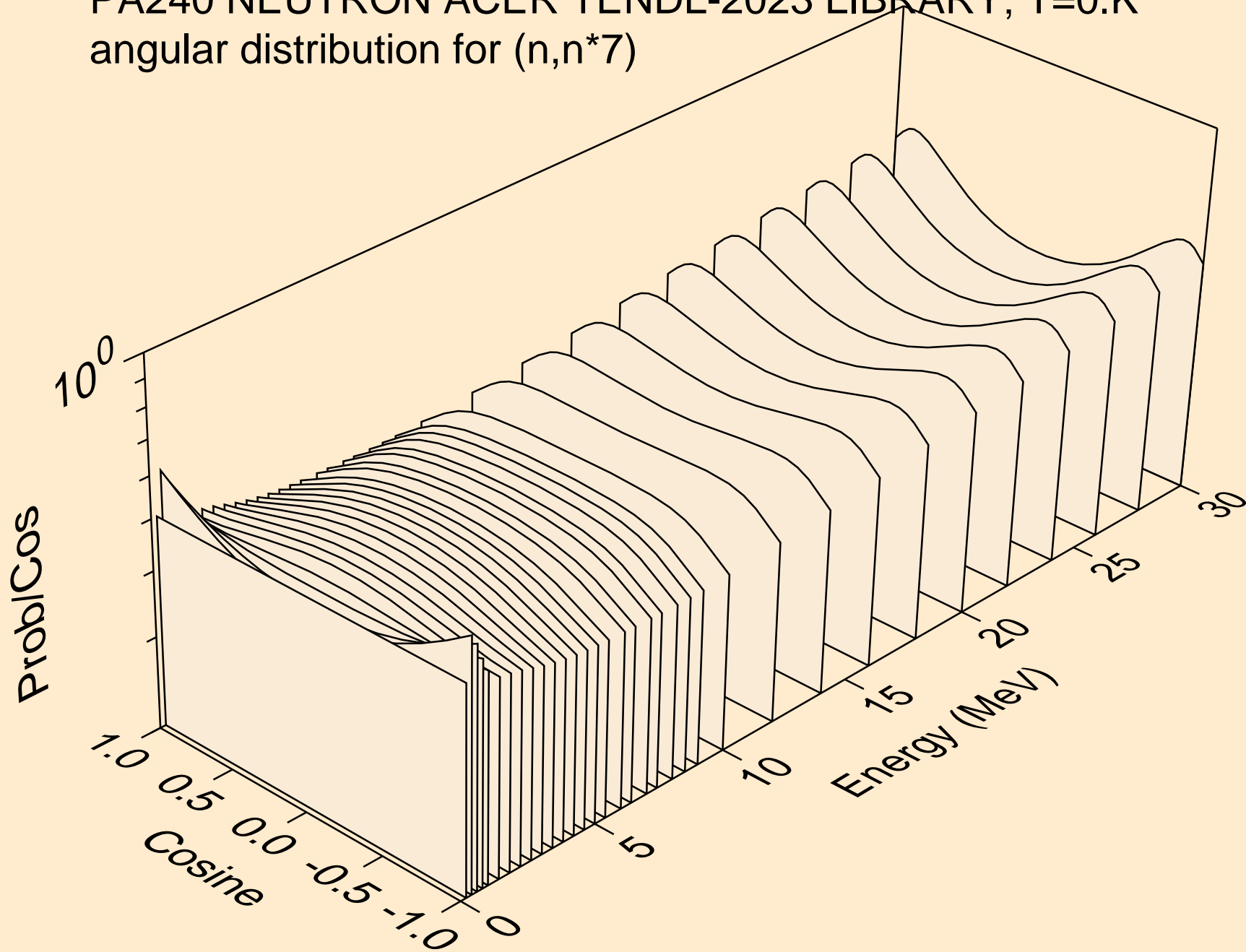
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



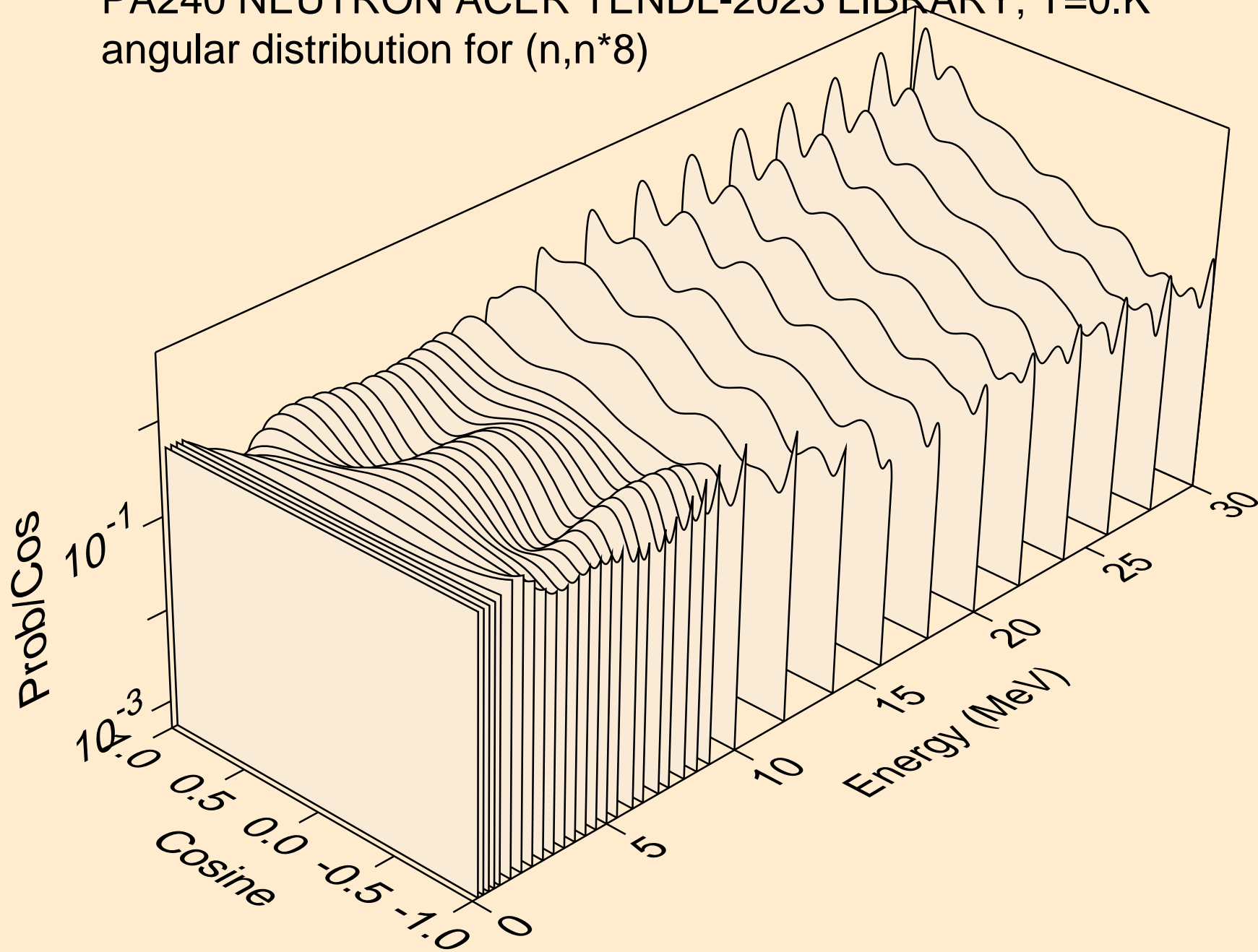
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angular distribution for (n,n\*6)



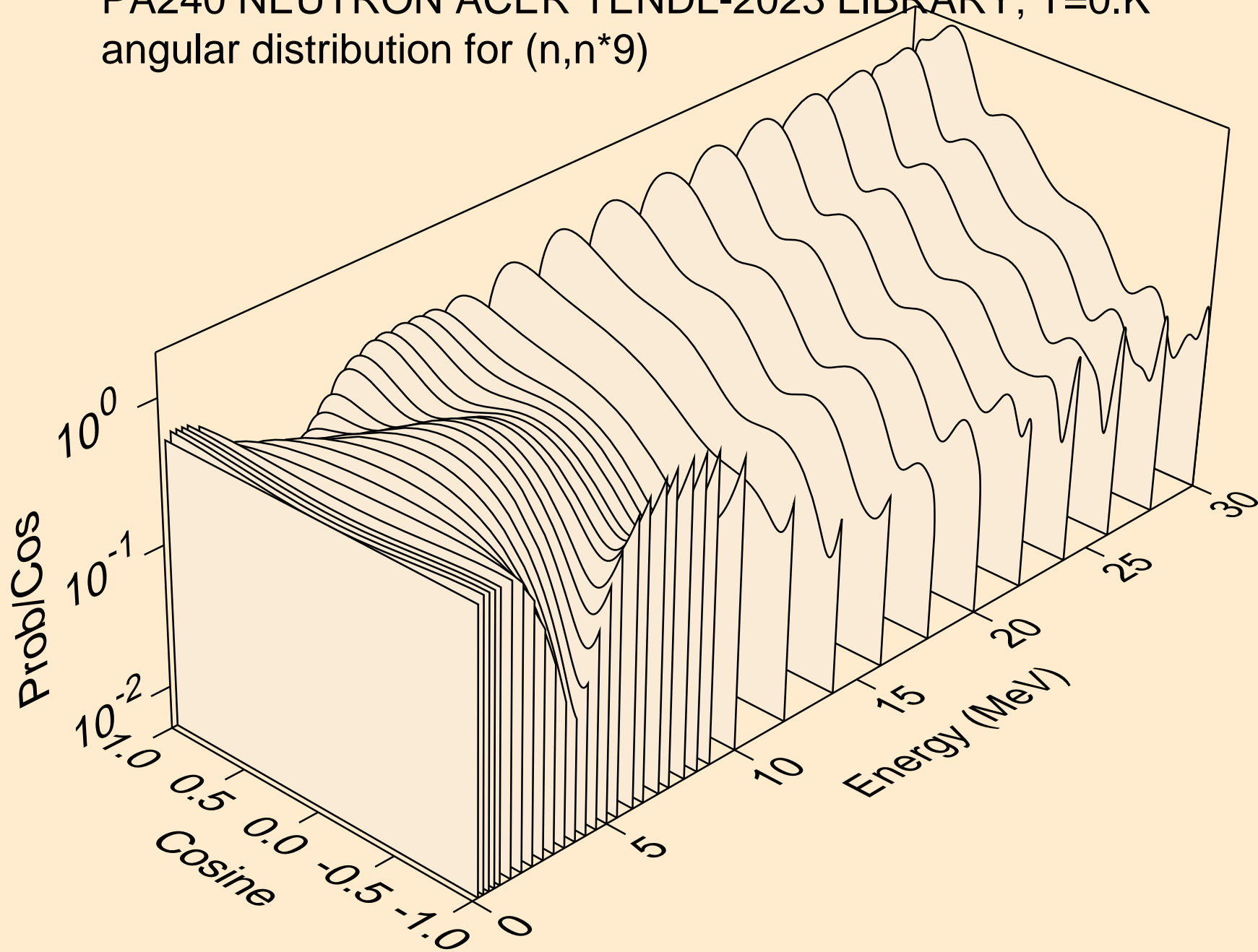
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angular distribution for (n,n\*7)



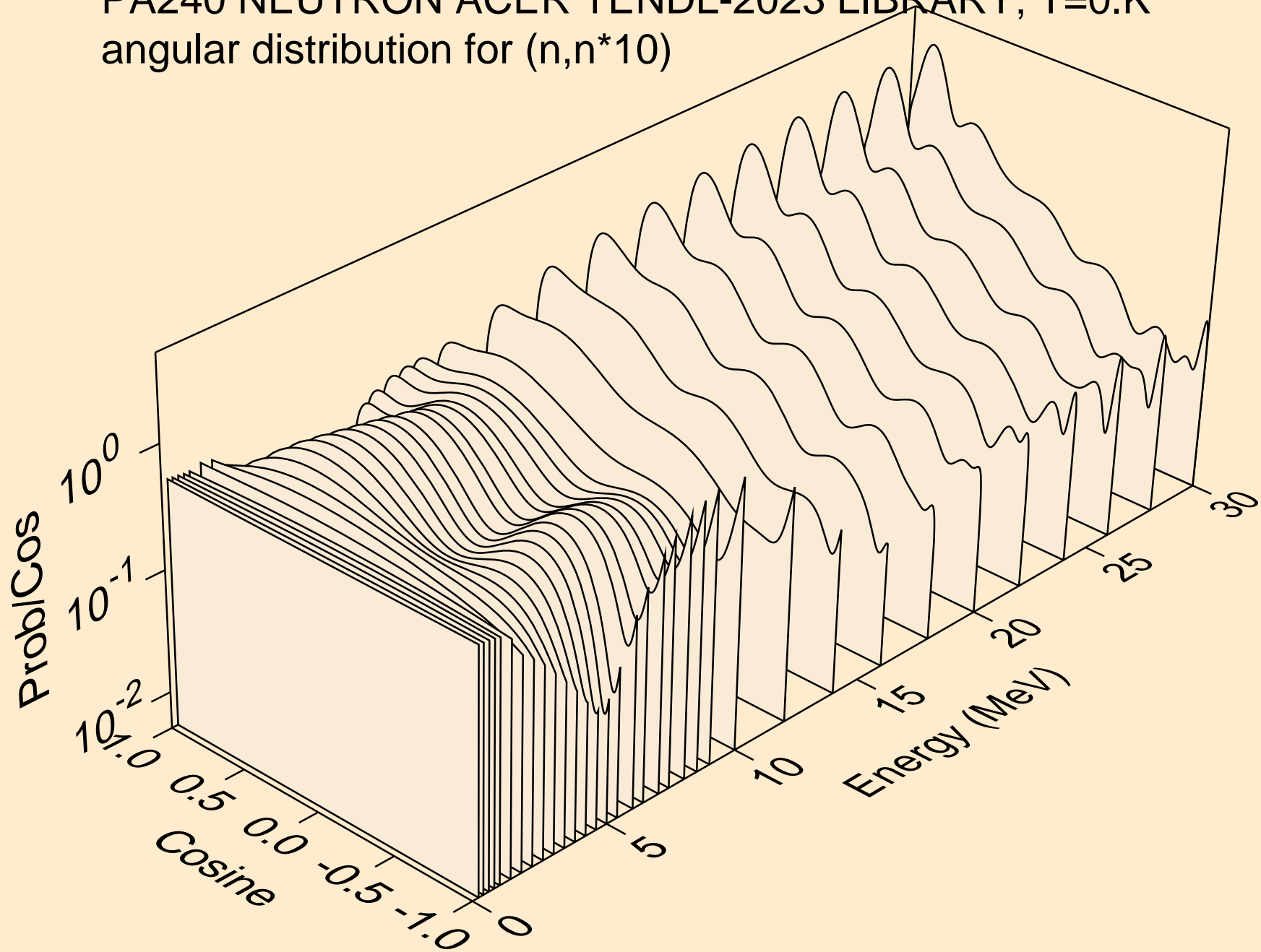
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angular distribution for (n,n\*8)



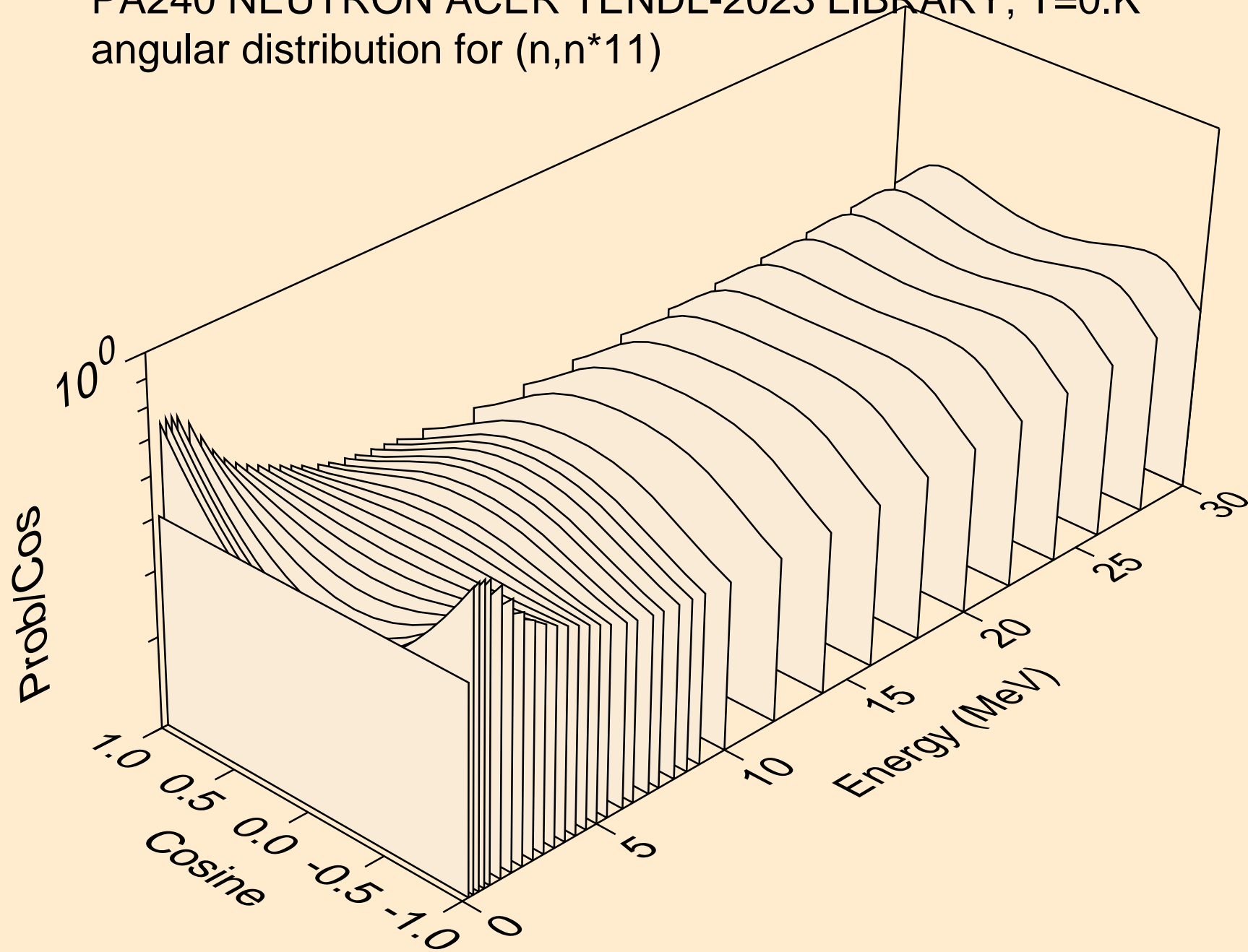
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

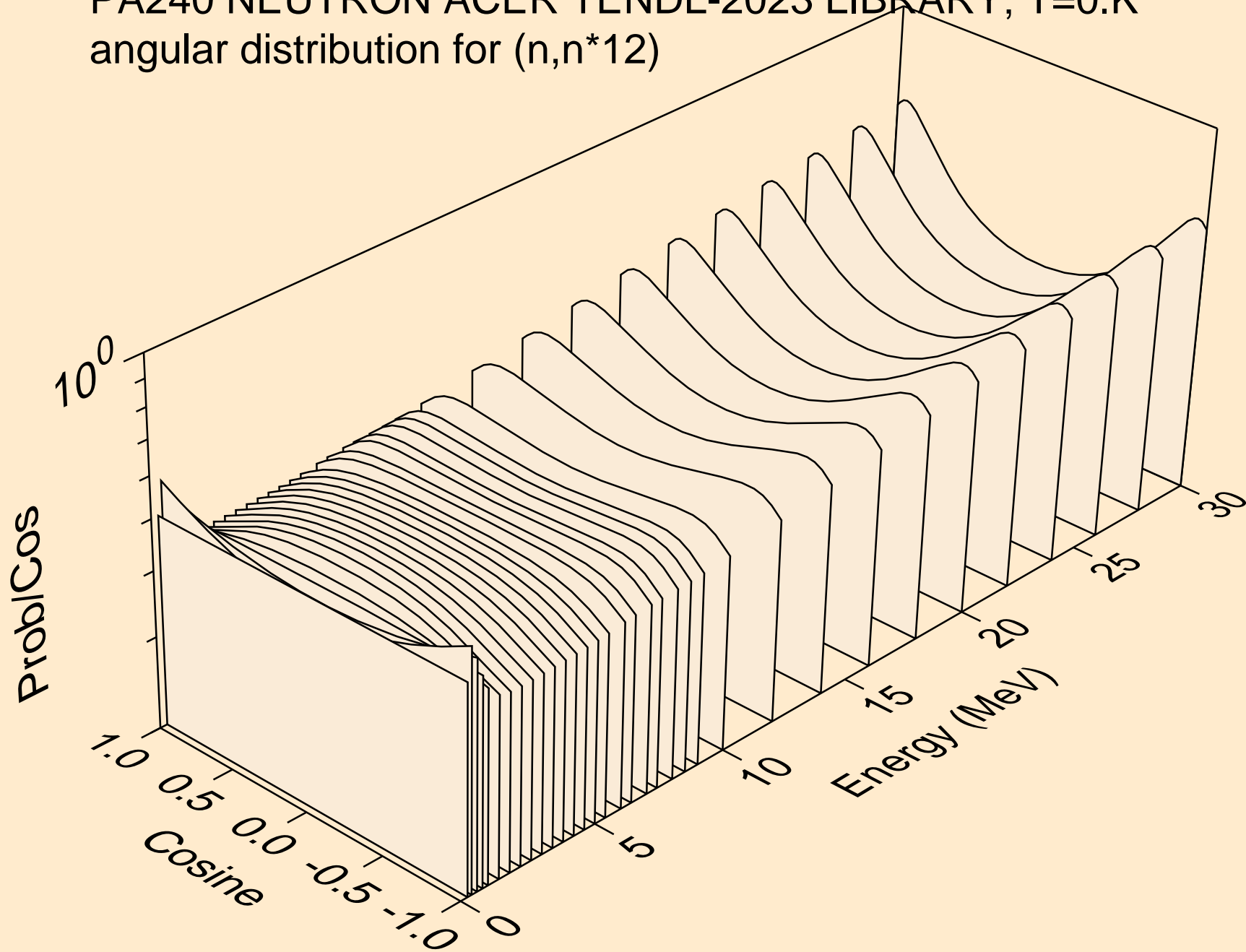


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

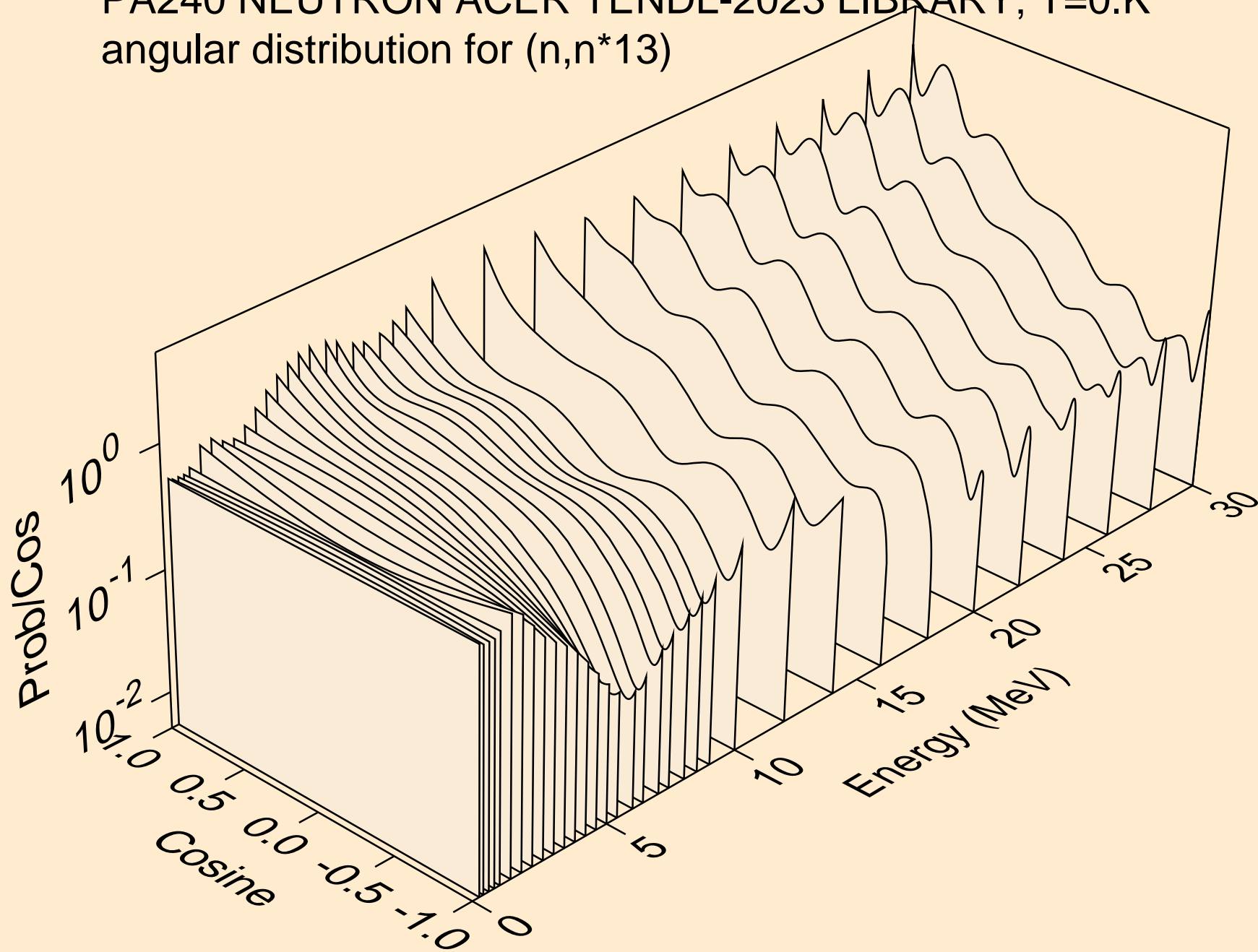




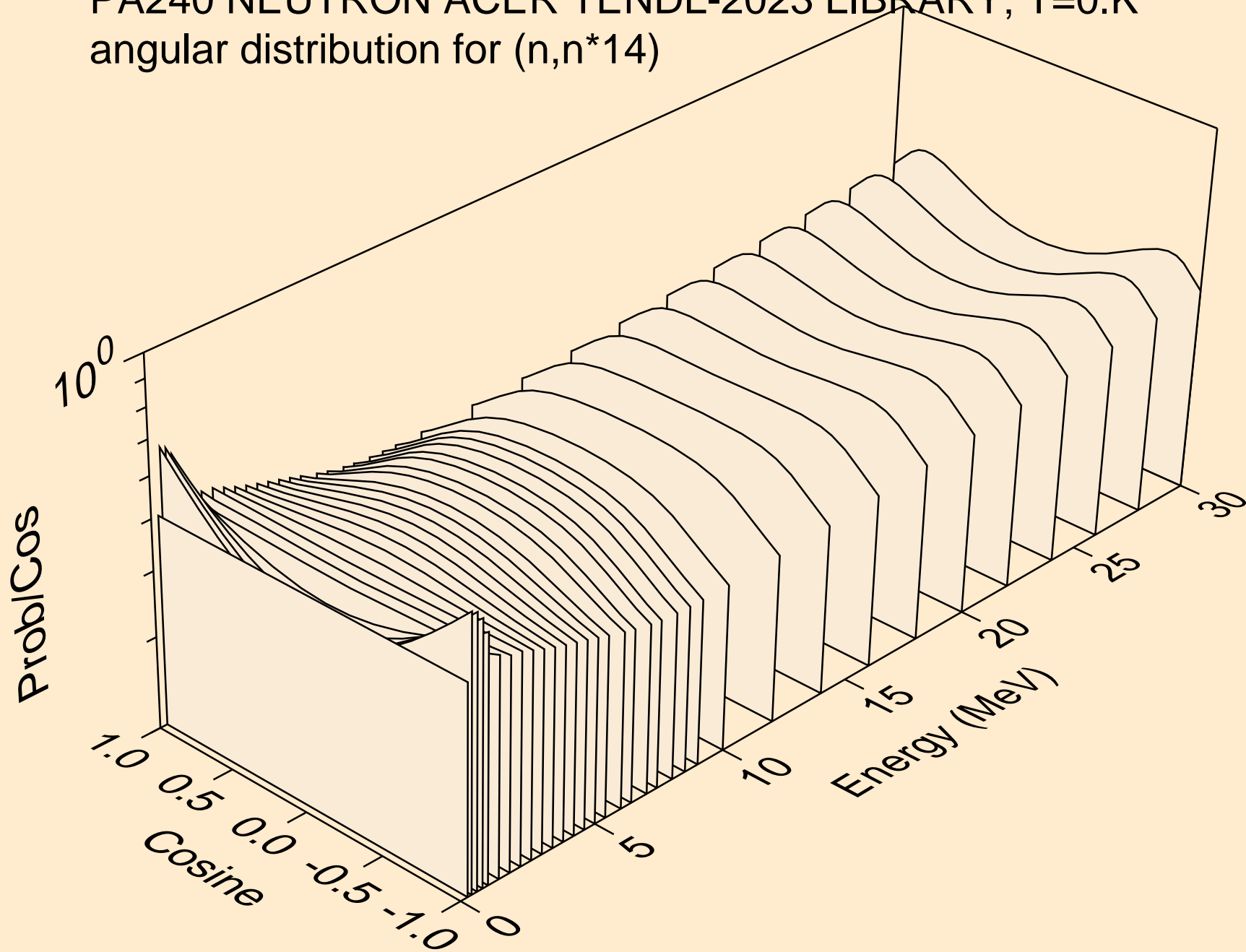
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



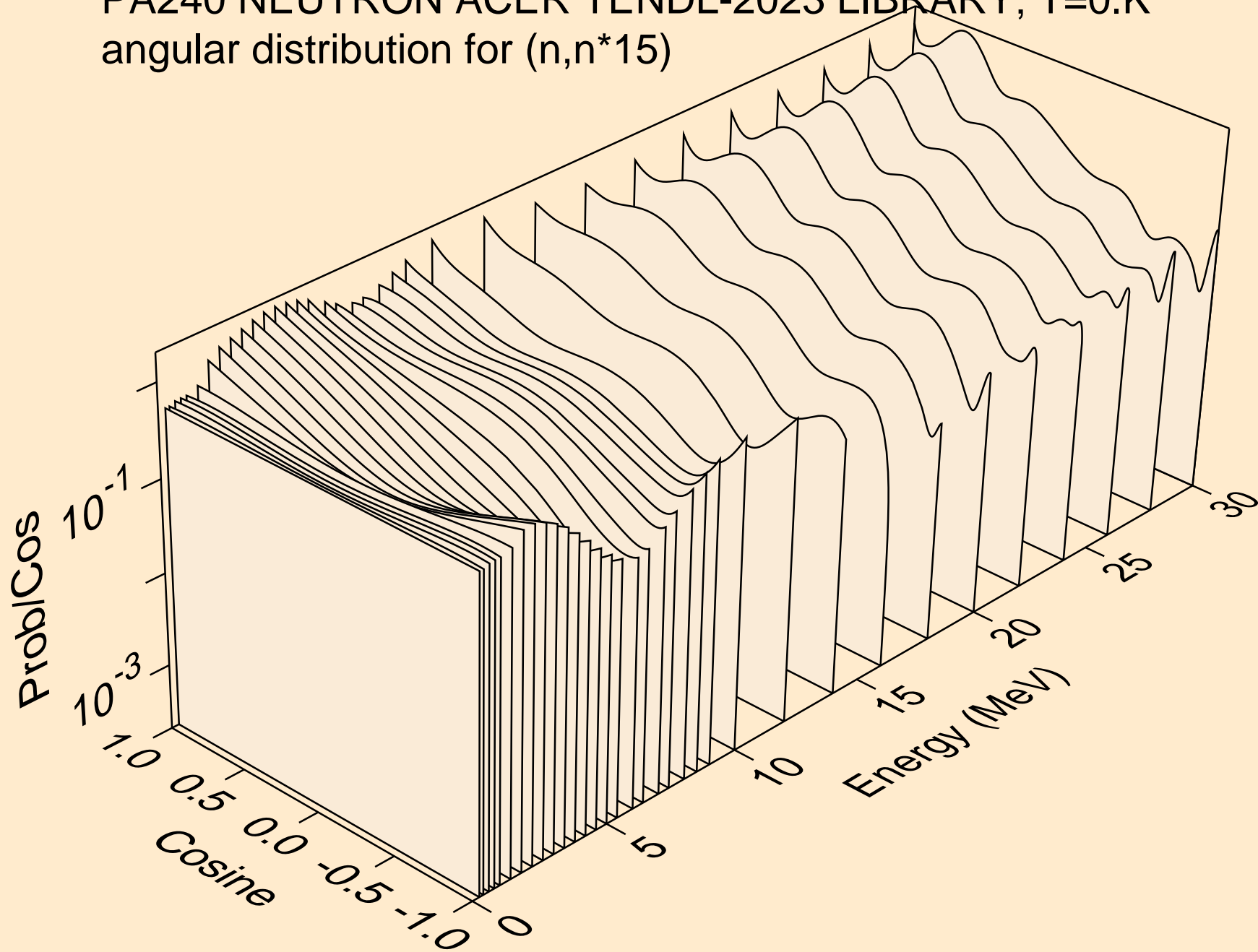
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angular distribution for (n,n\*13)



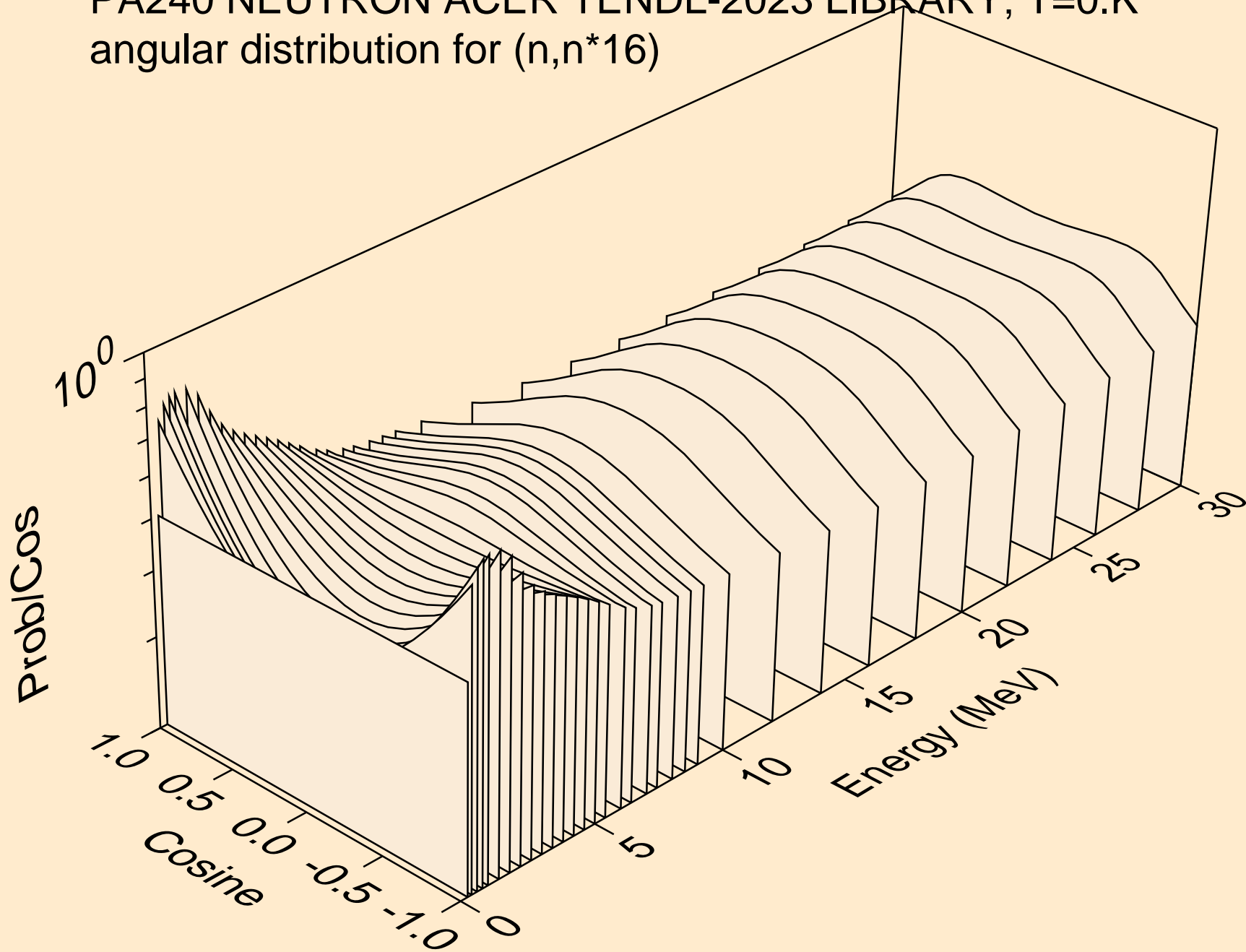
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angular distribution for (n,n\*14)



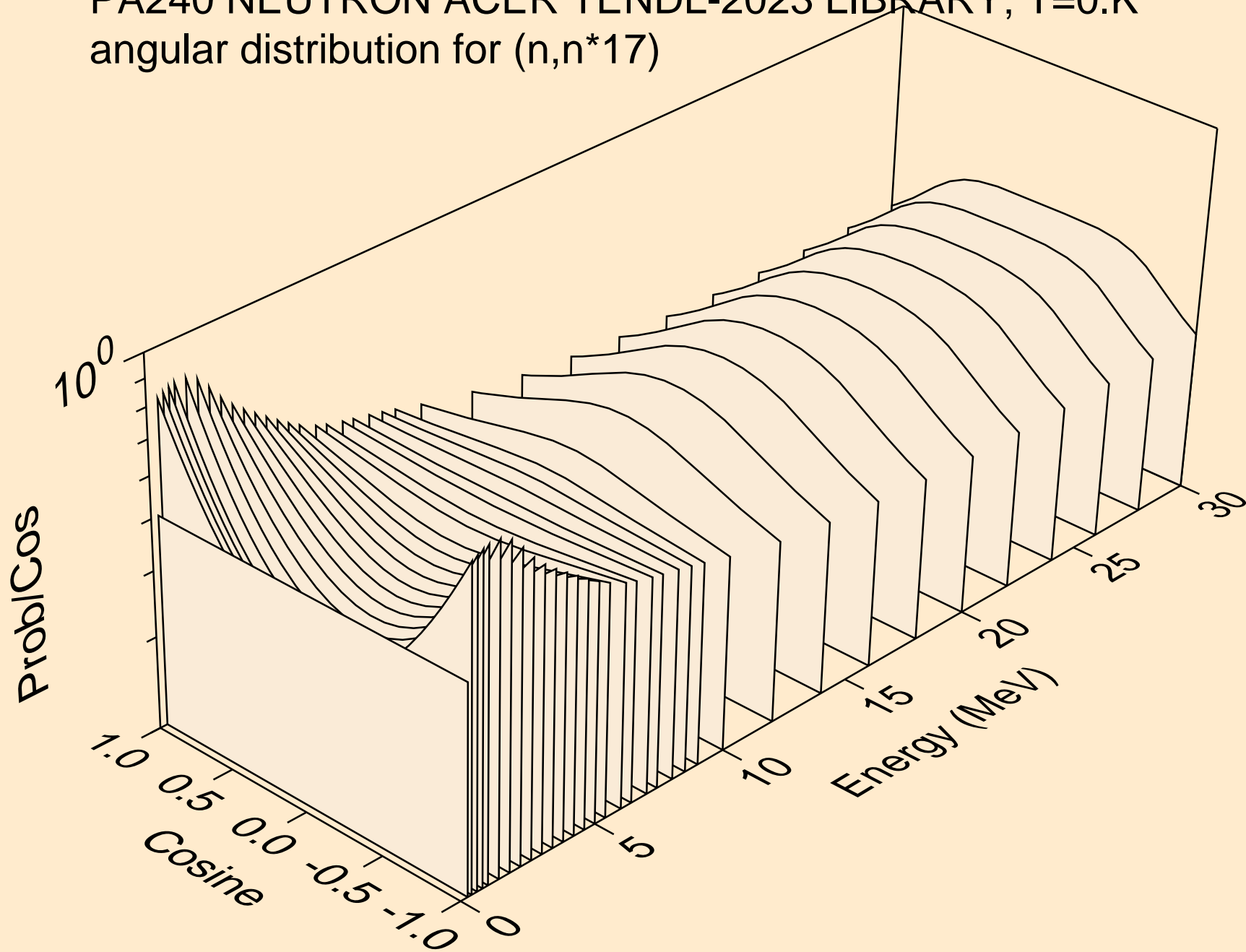
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angular distribution for (n,n\*15)



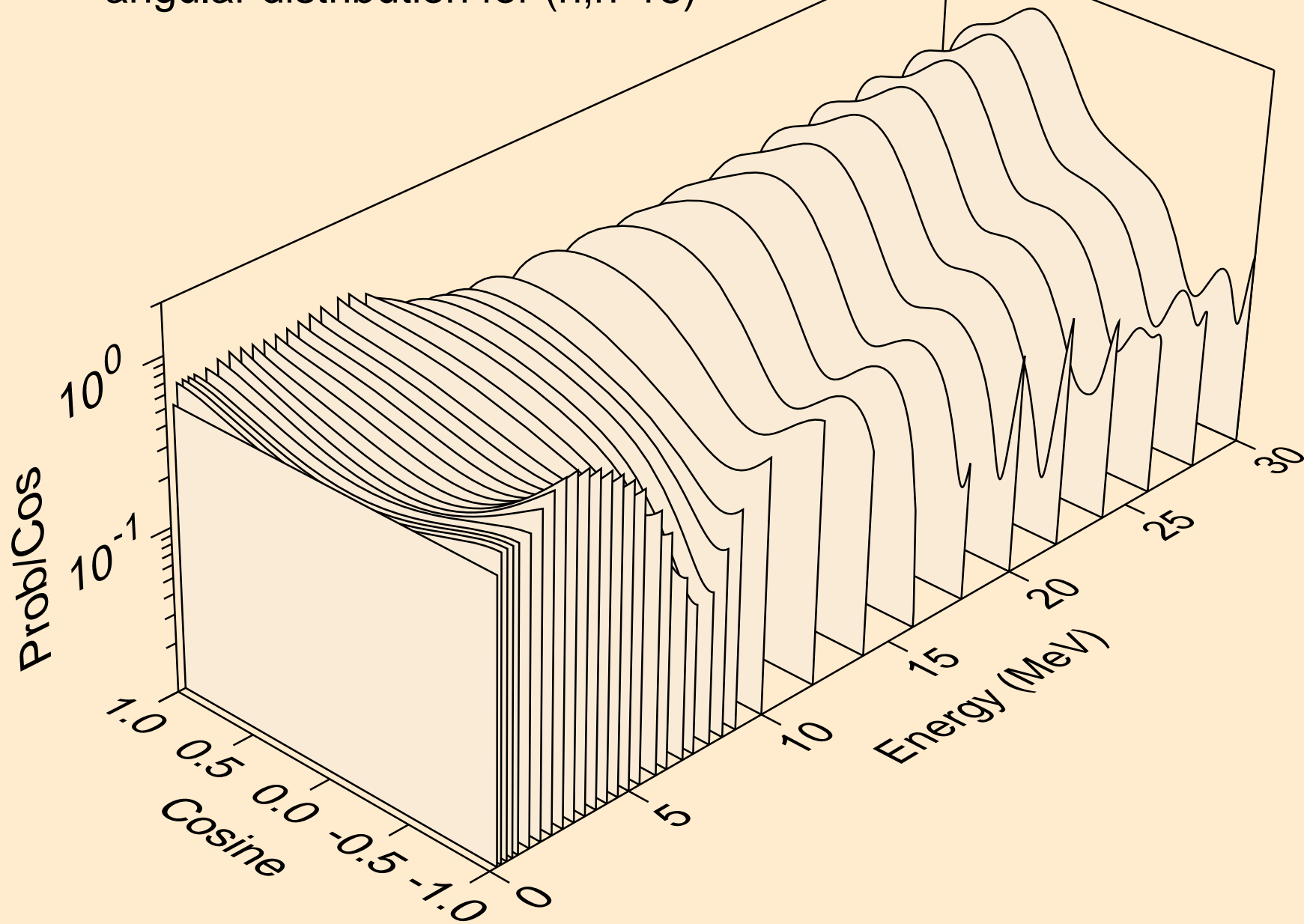
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angular distribution for (n,n\*16)



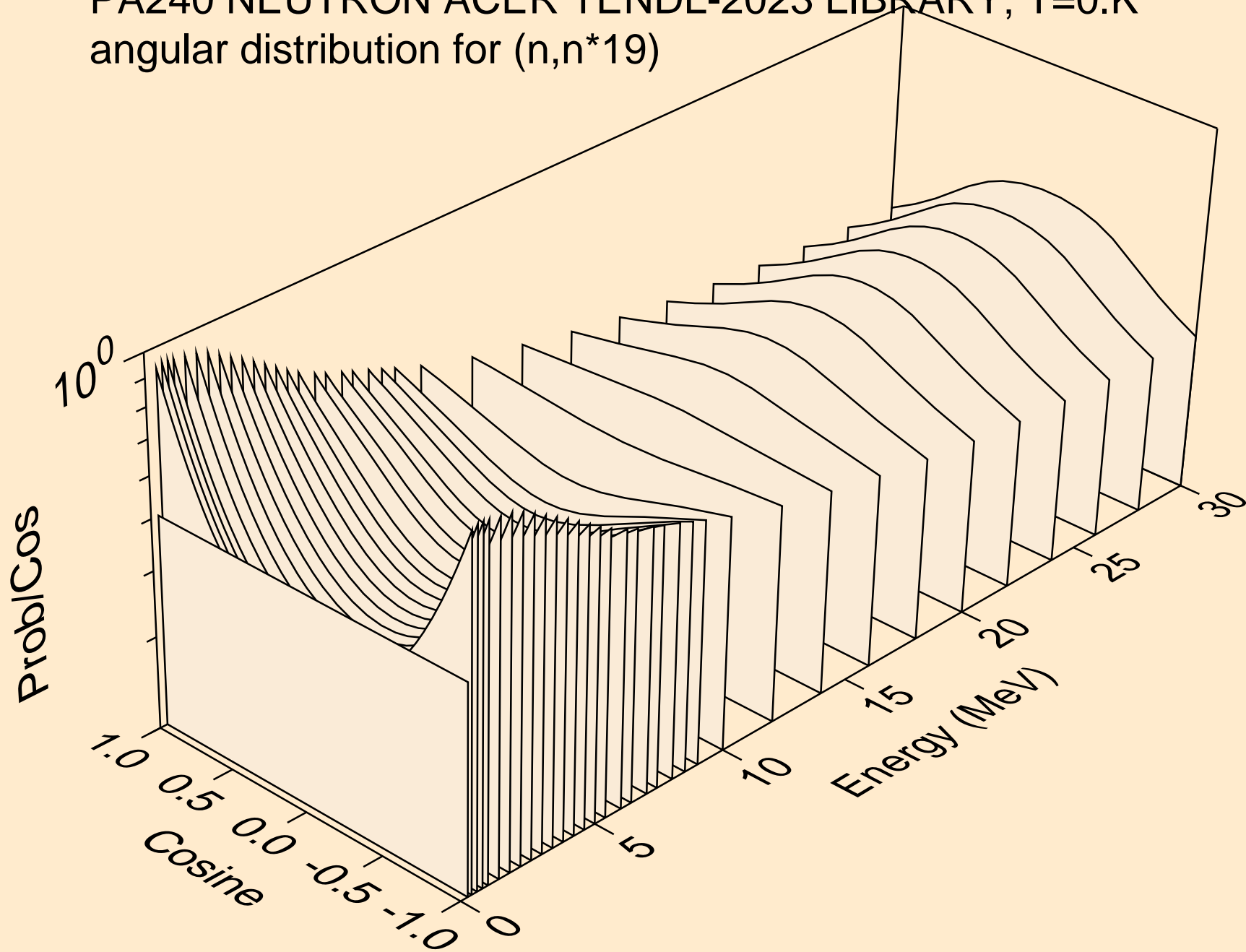
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

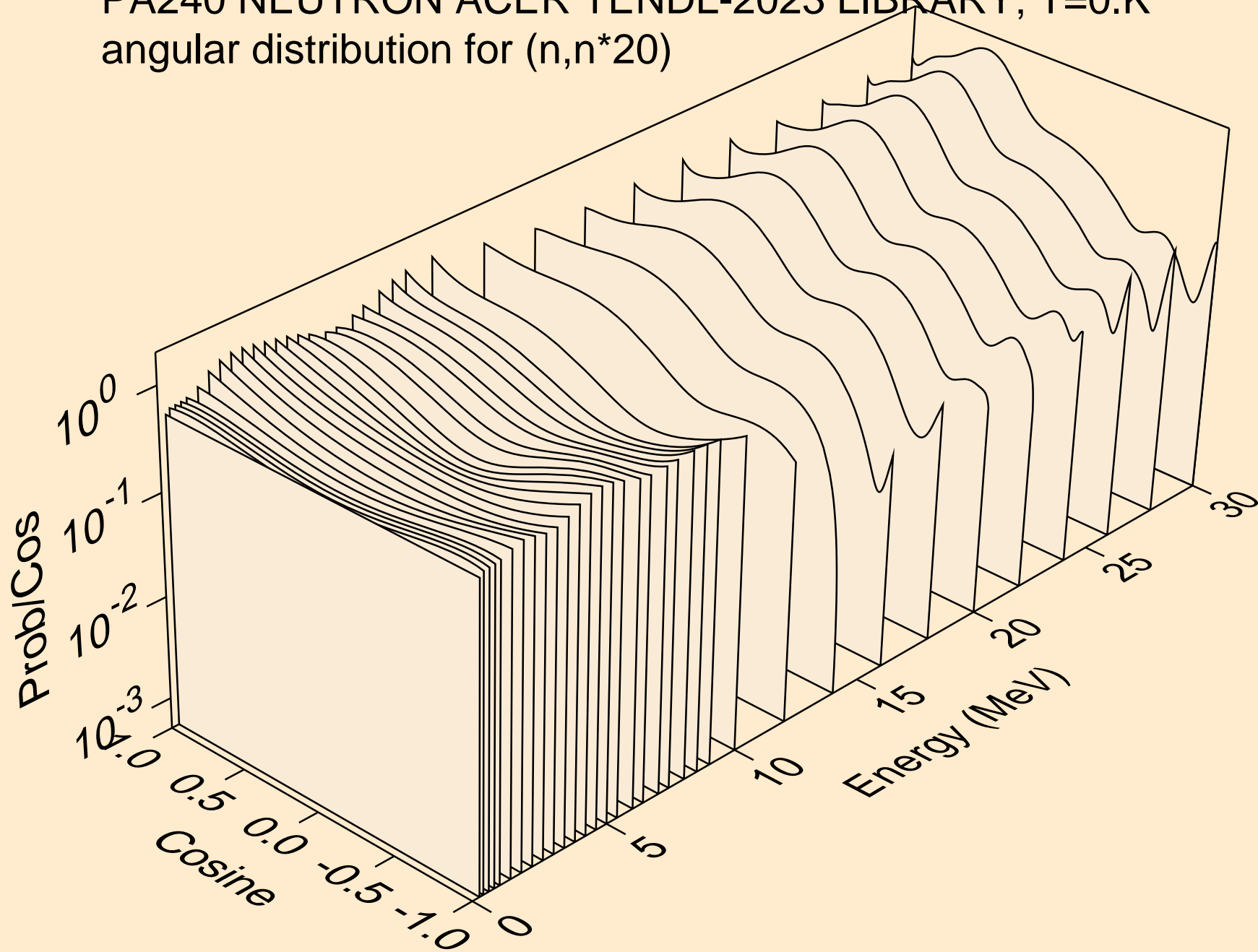


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

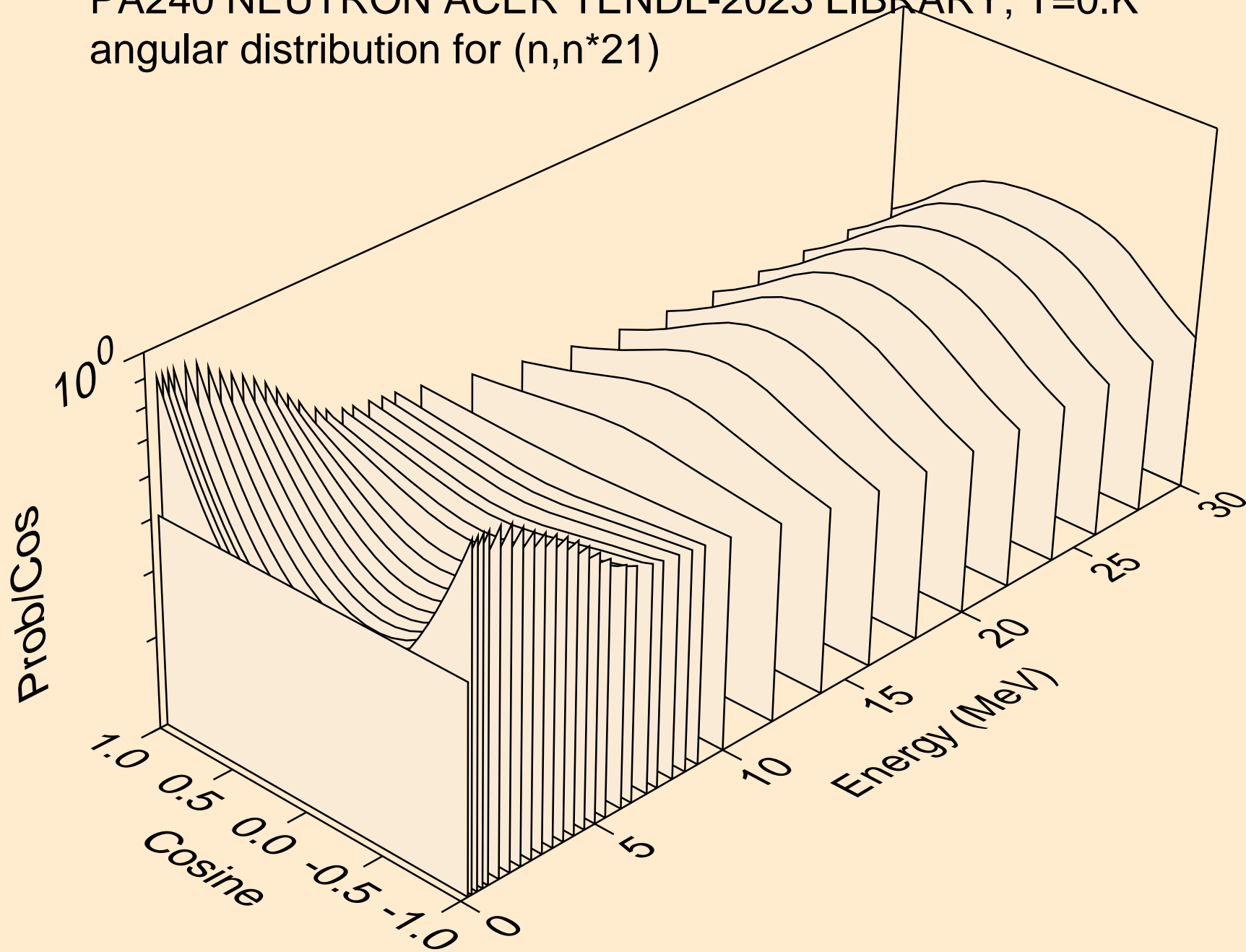




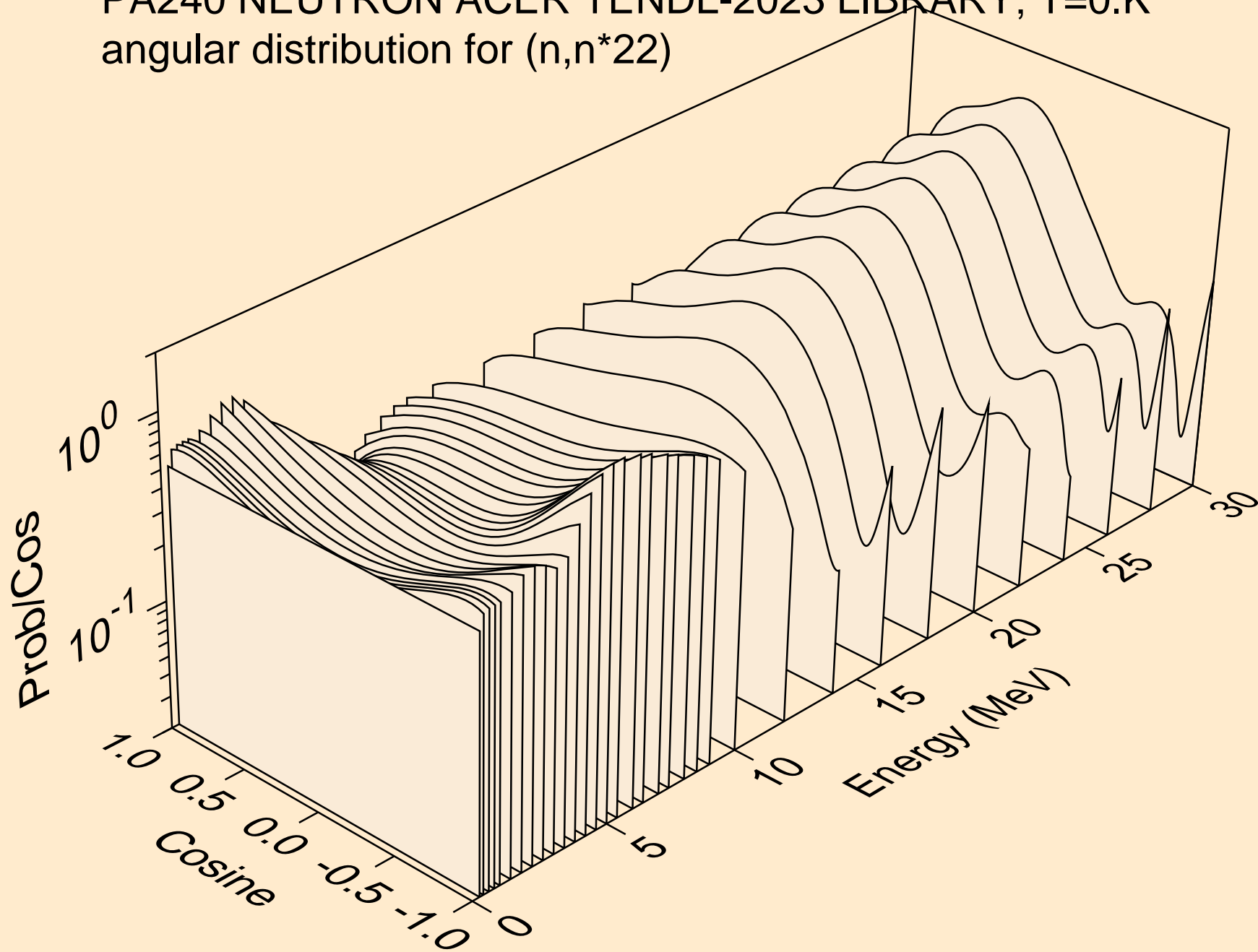
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angular distribution for (n,n\*20)



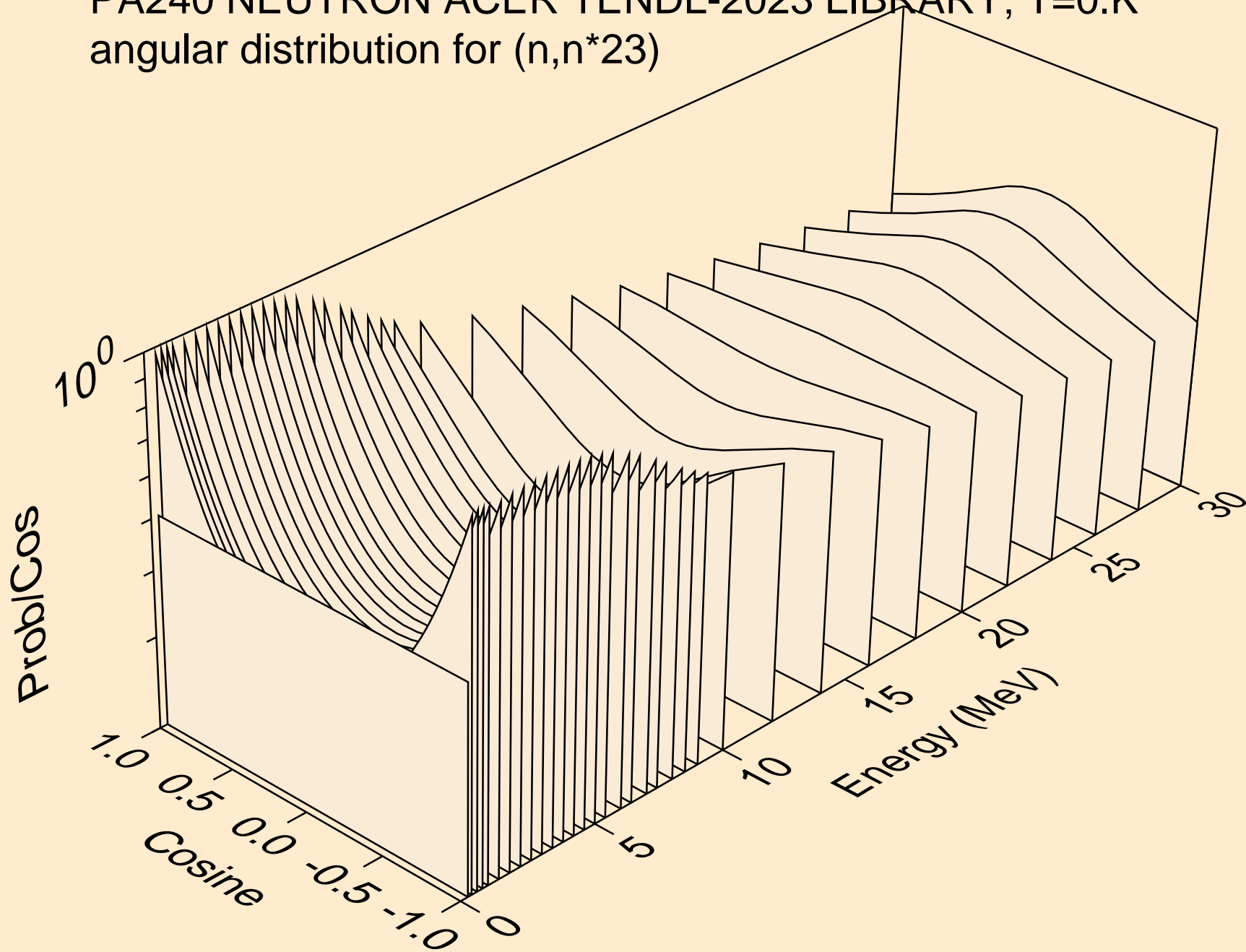
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angular distribution for (n,n\*21)



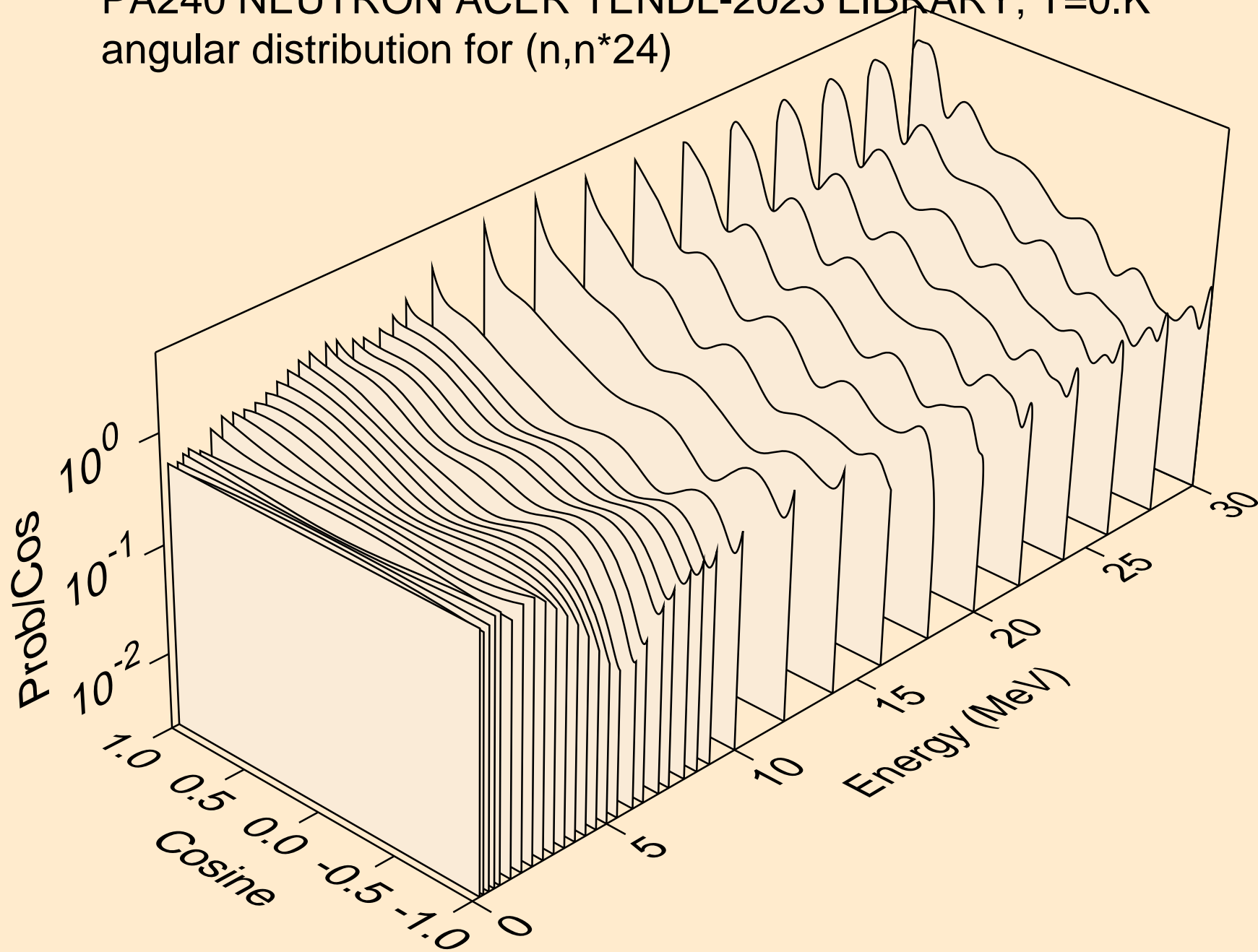
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angular distribution for (n,n\*22)



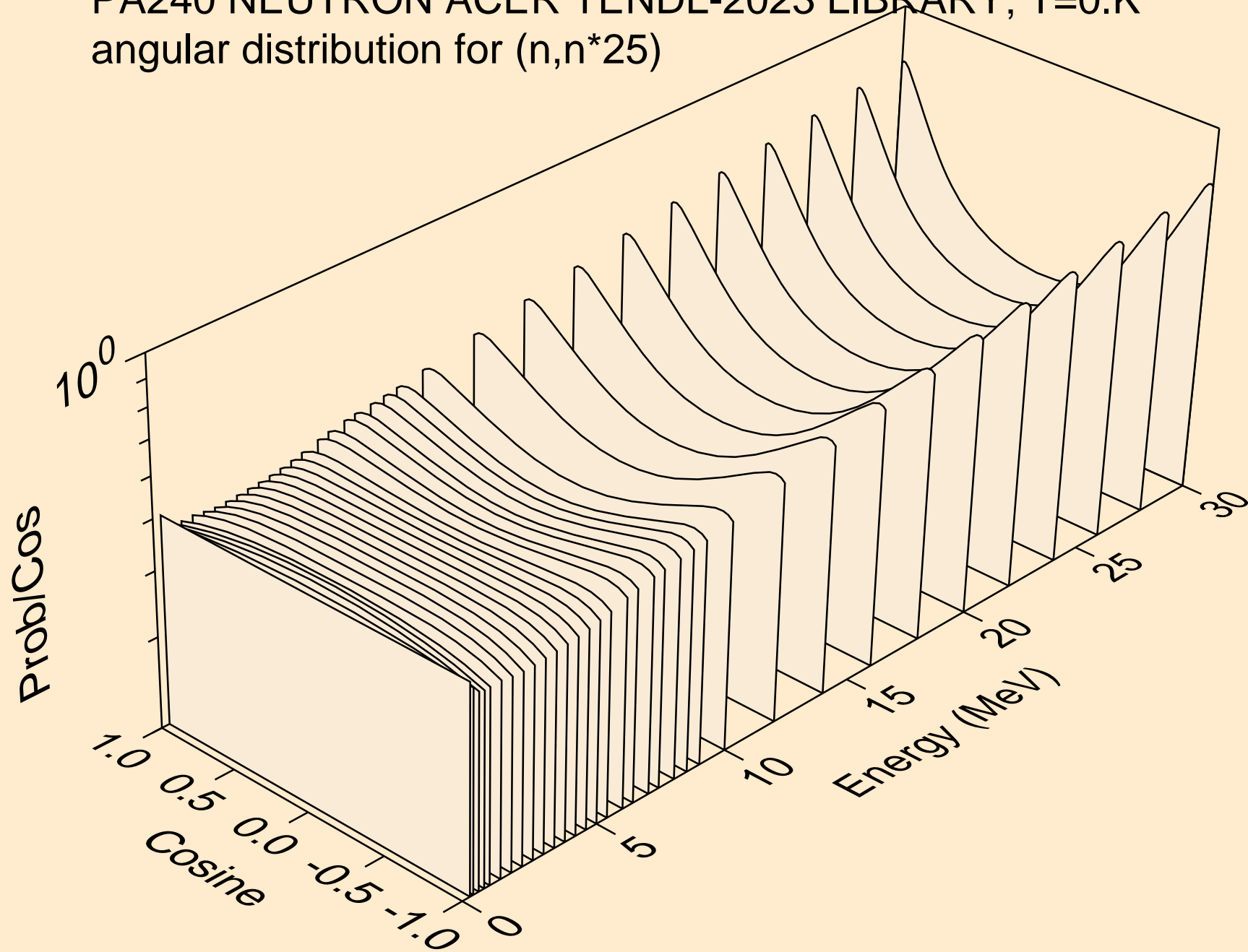
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angular distribution for (n,n\*23)



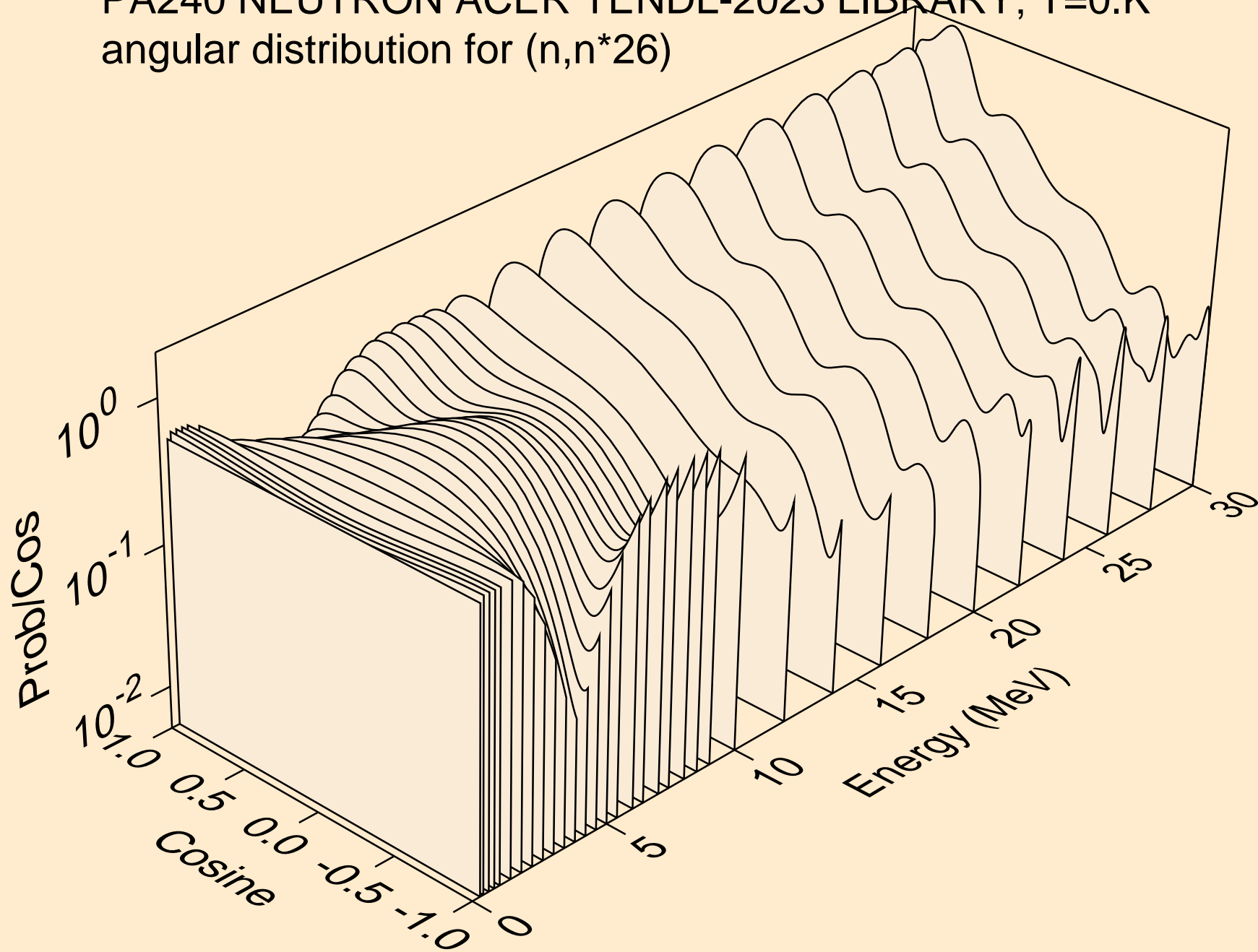
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



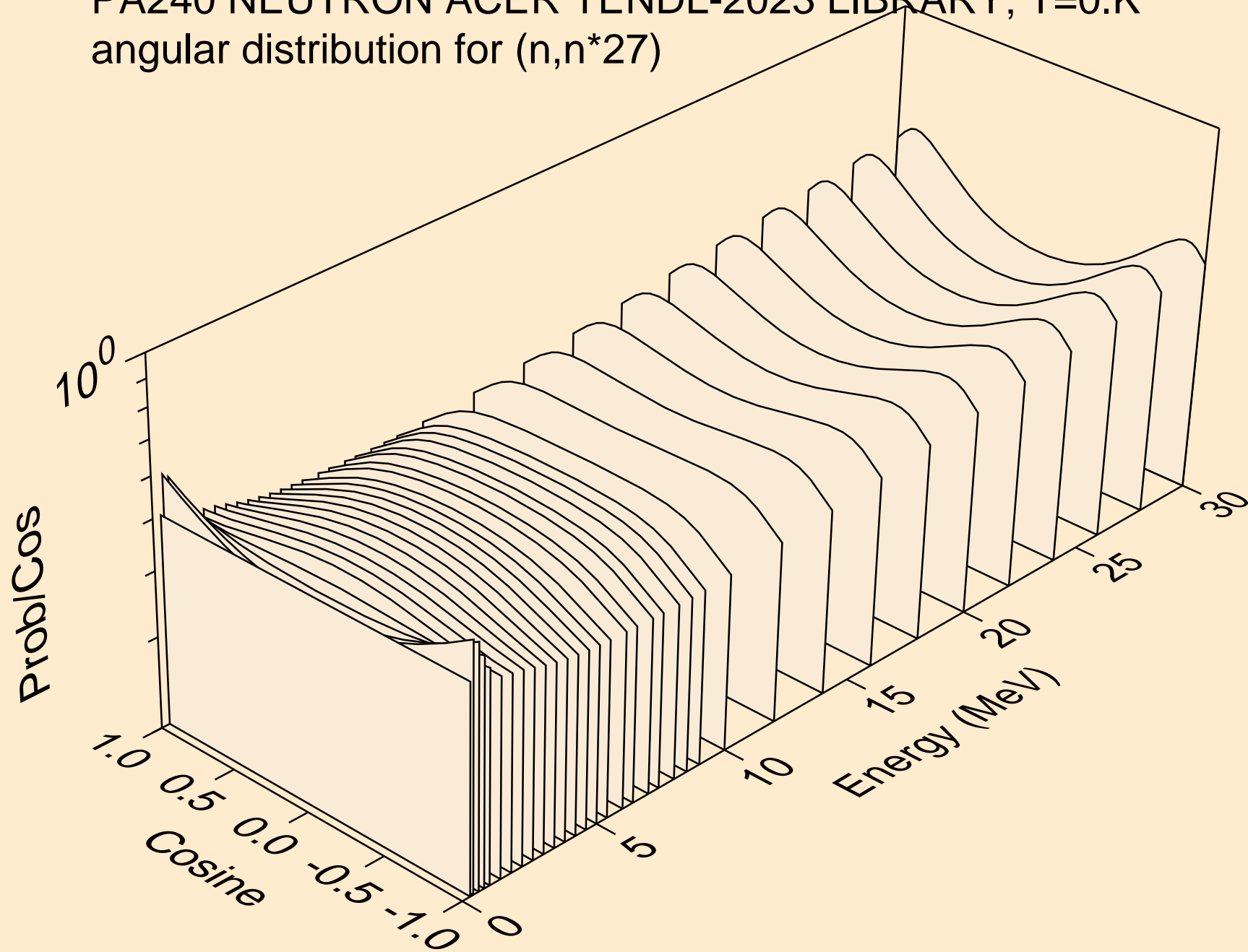
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

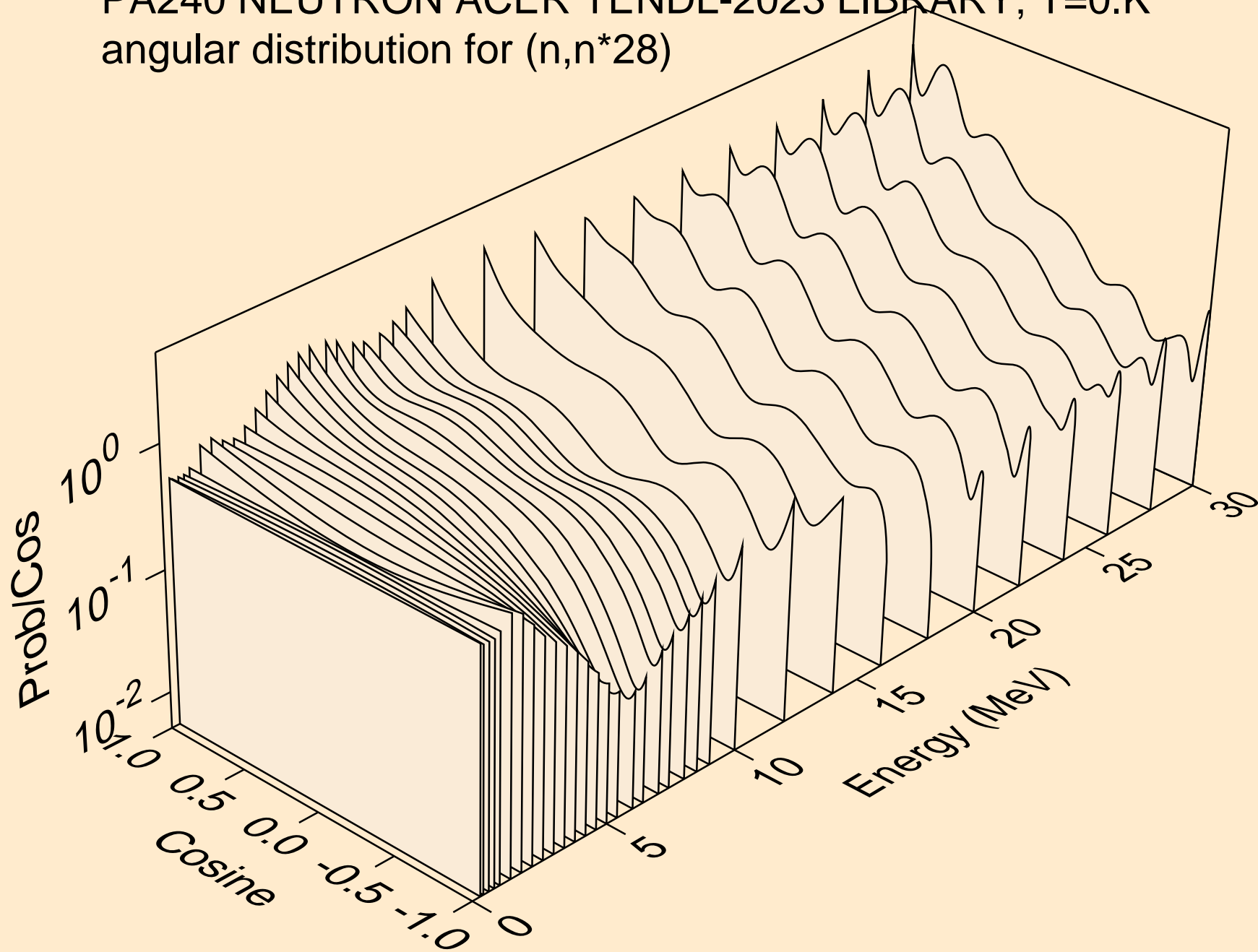


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

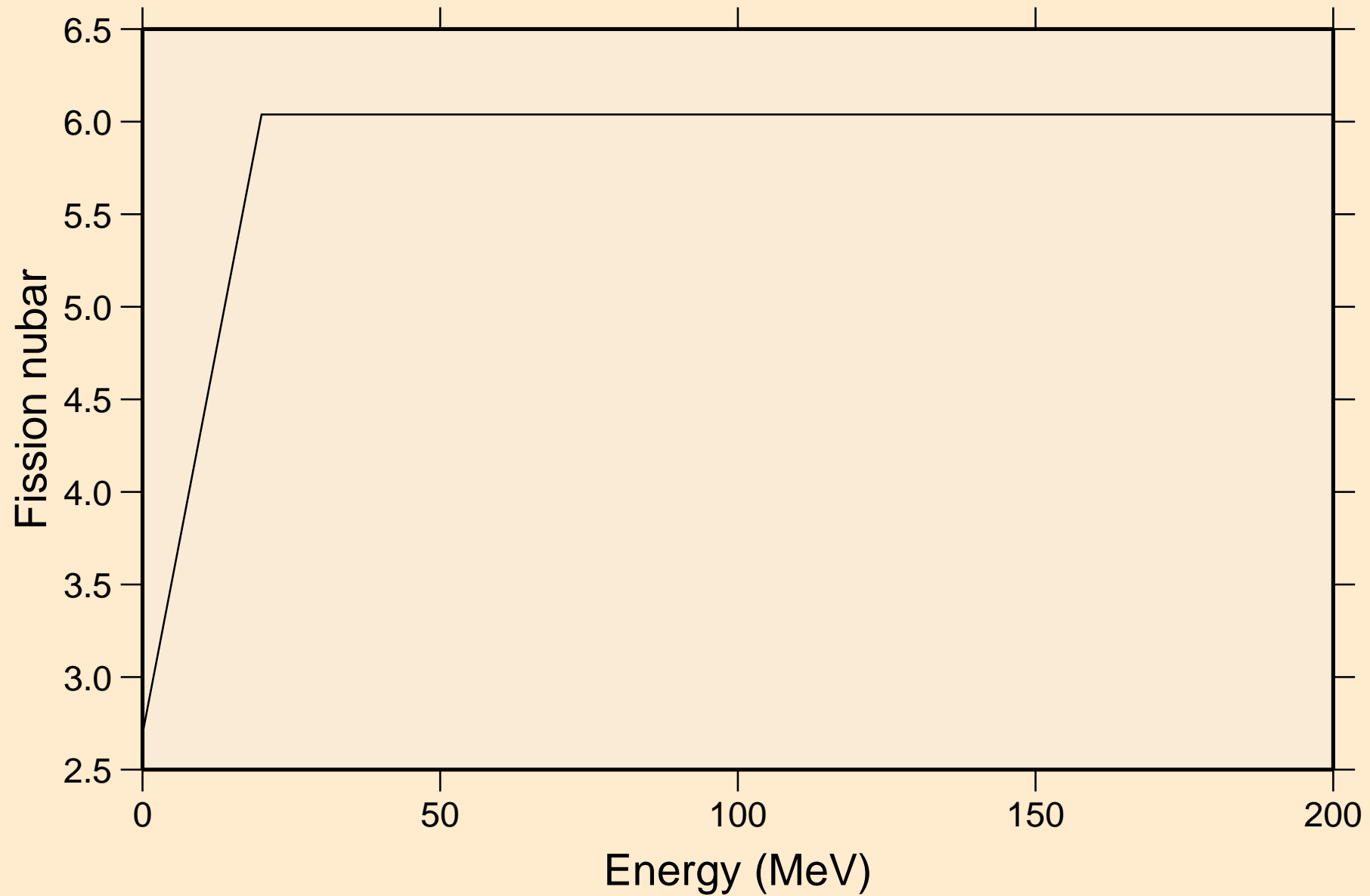




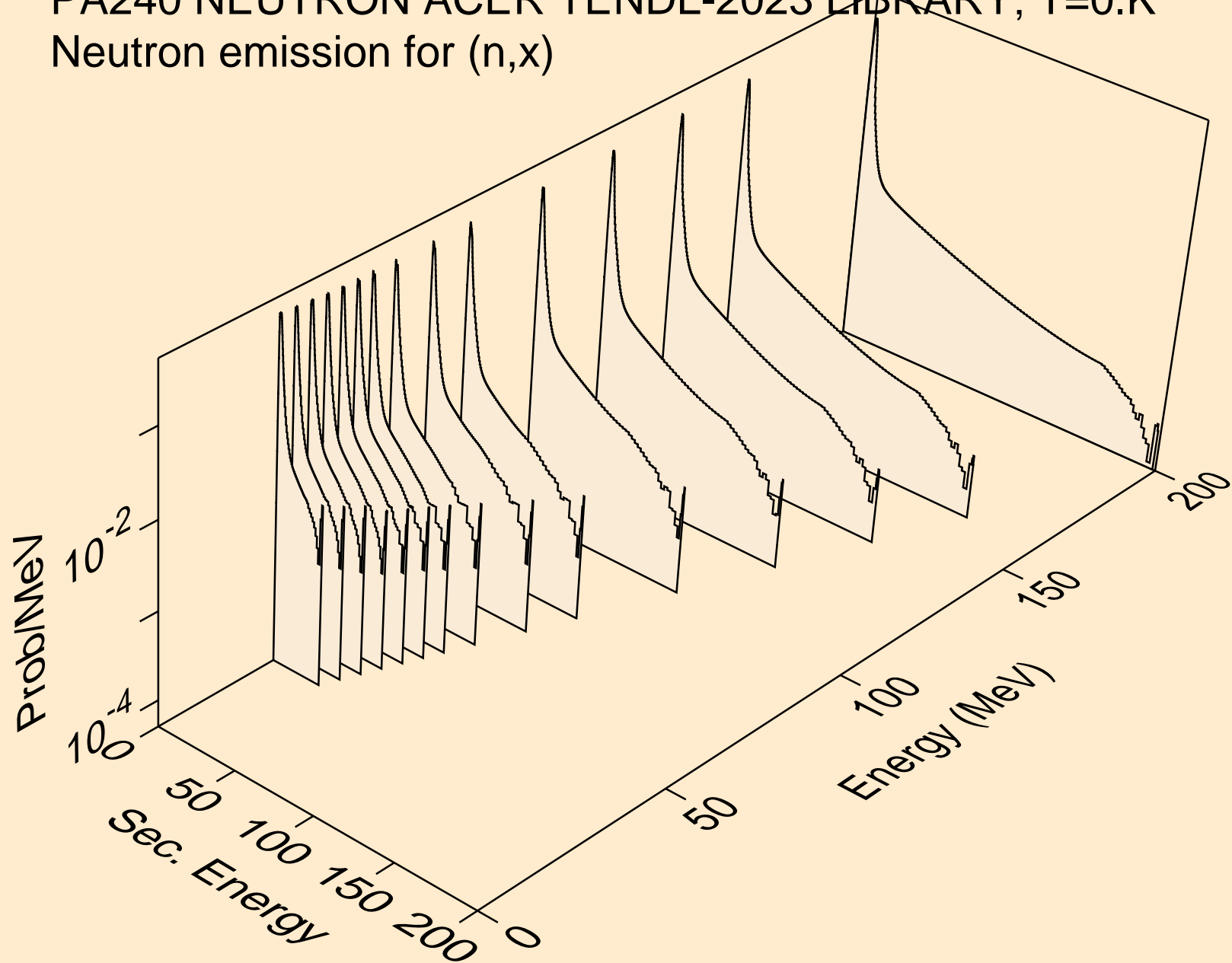
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



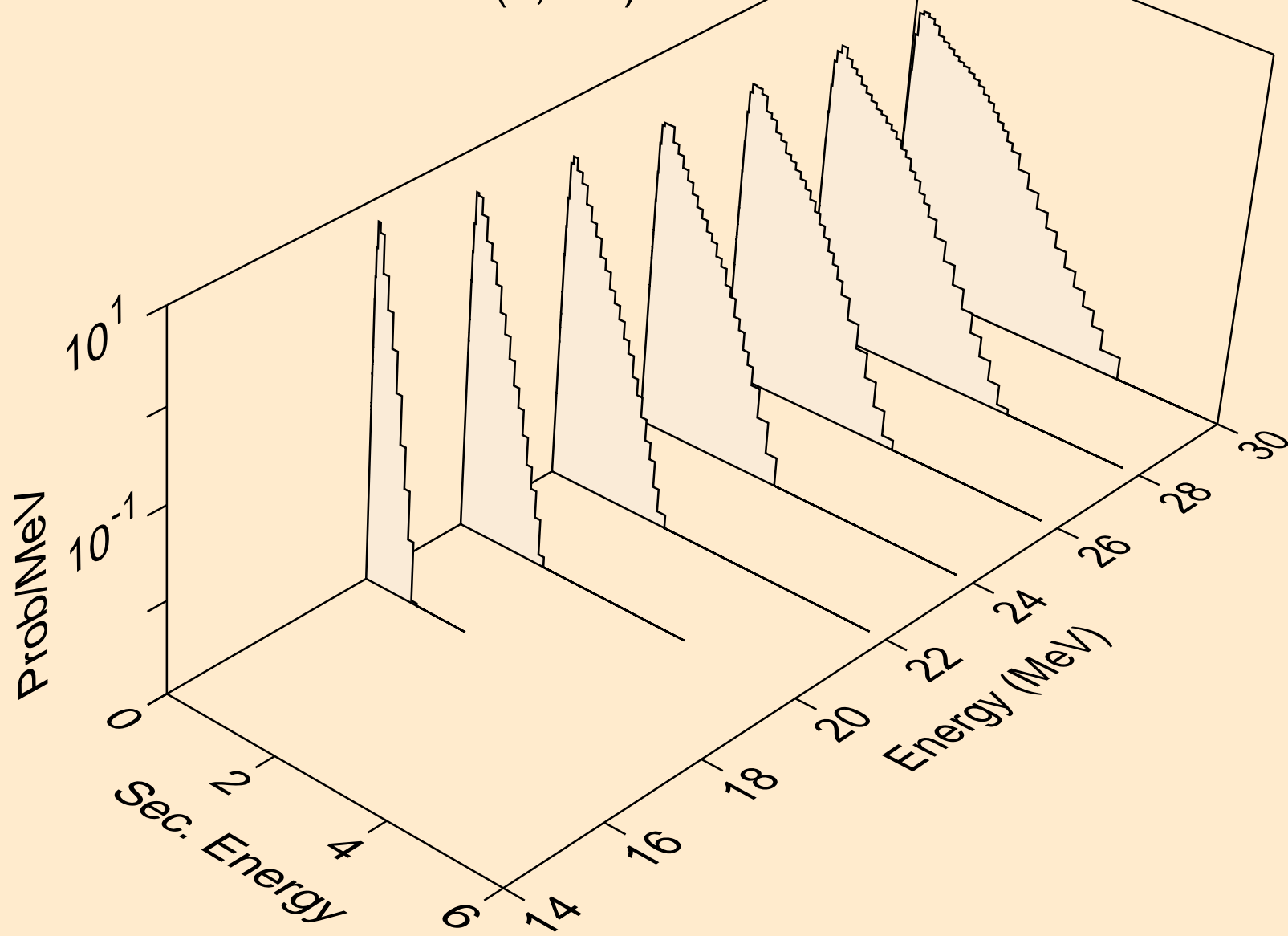
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar



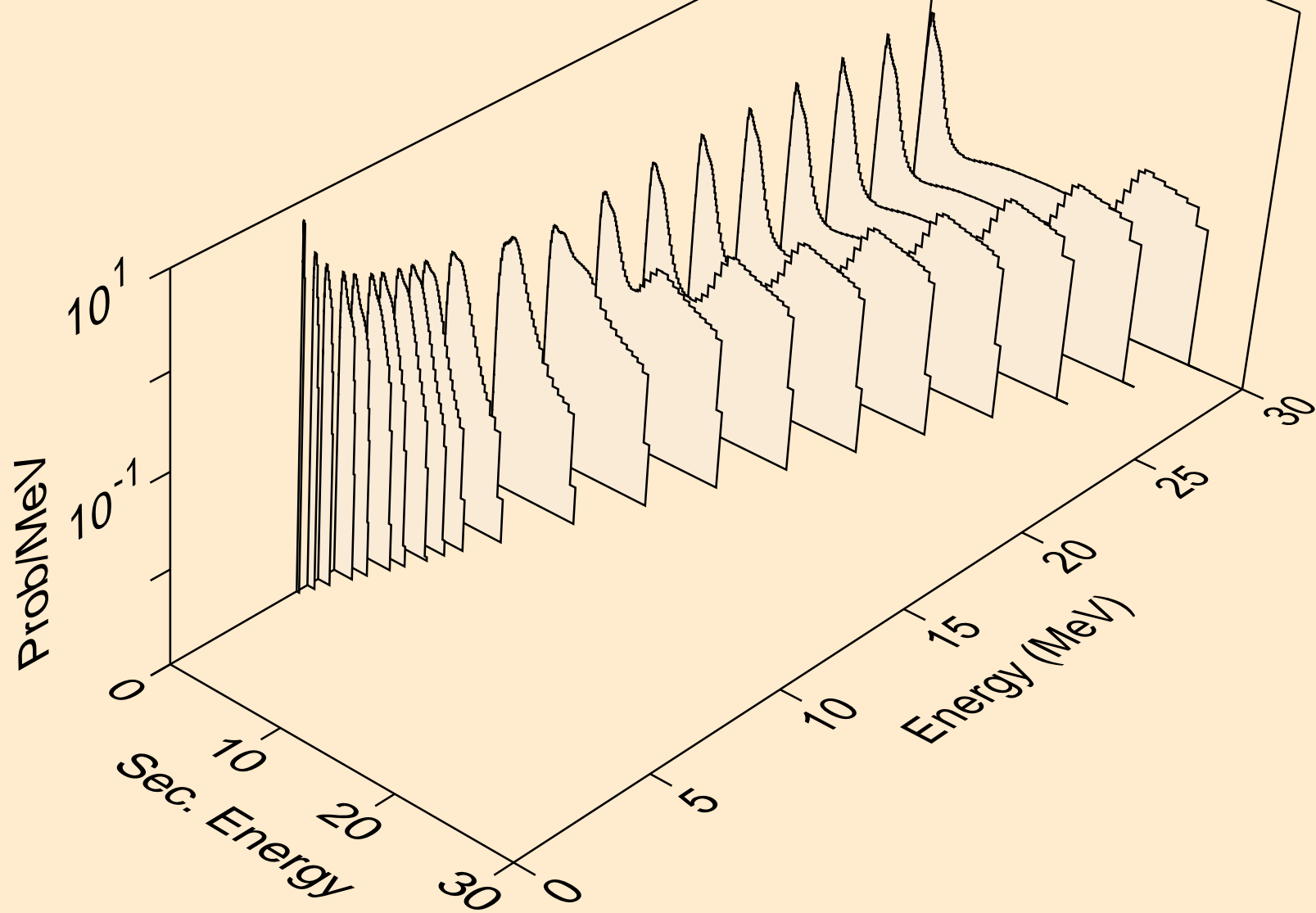
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



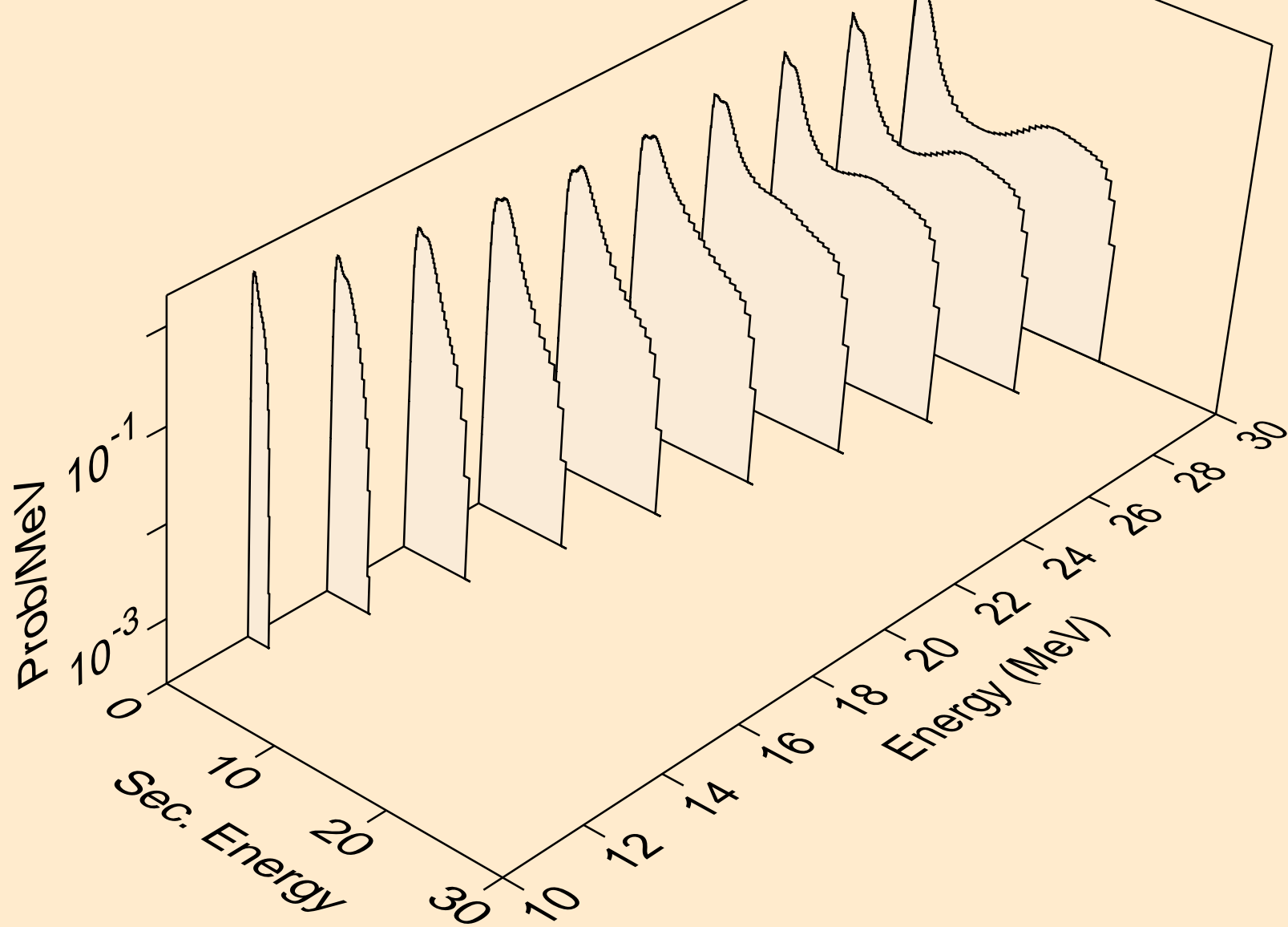
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



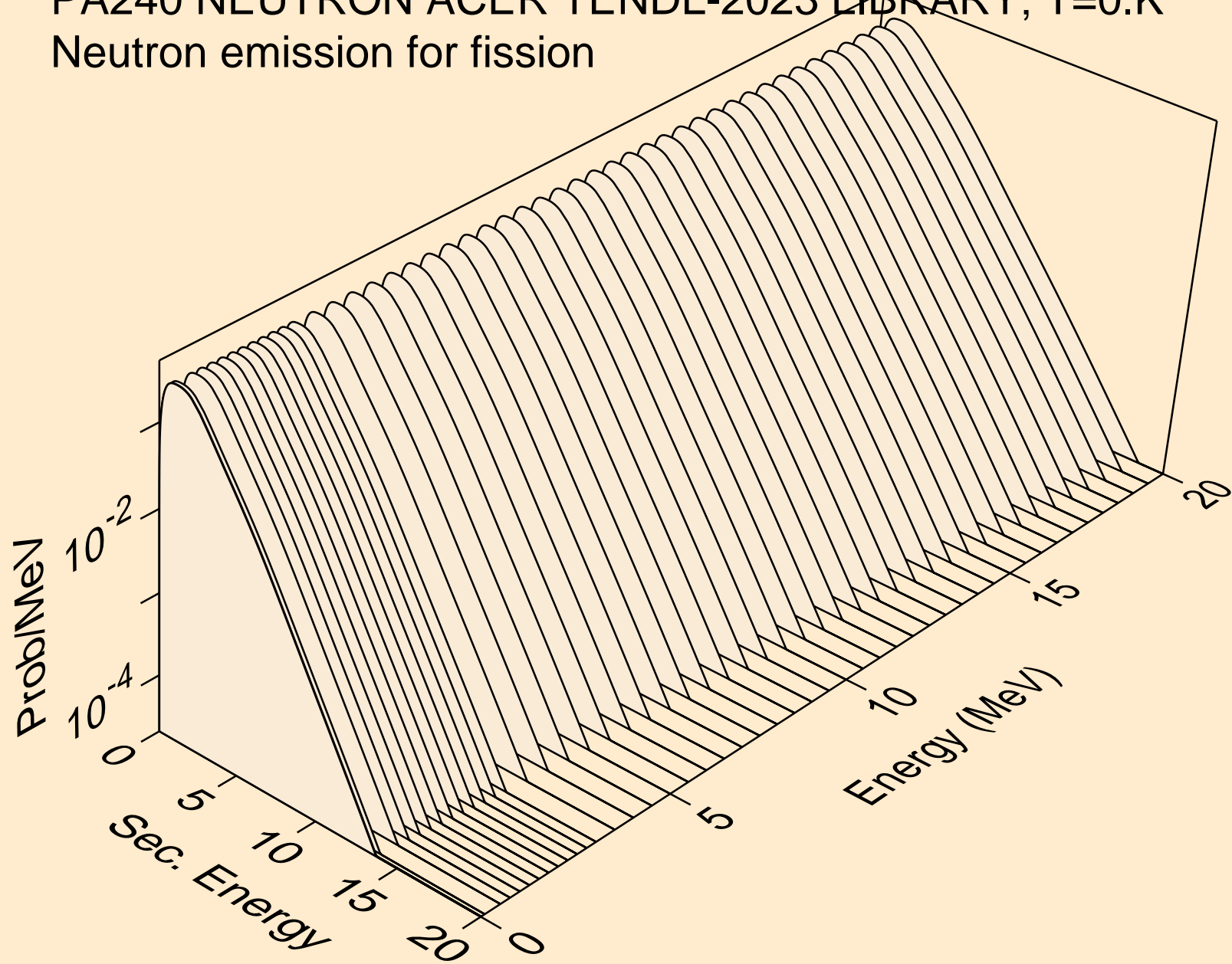
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



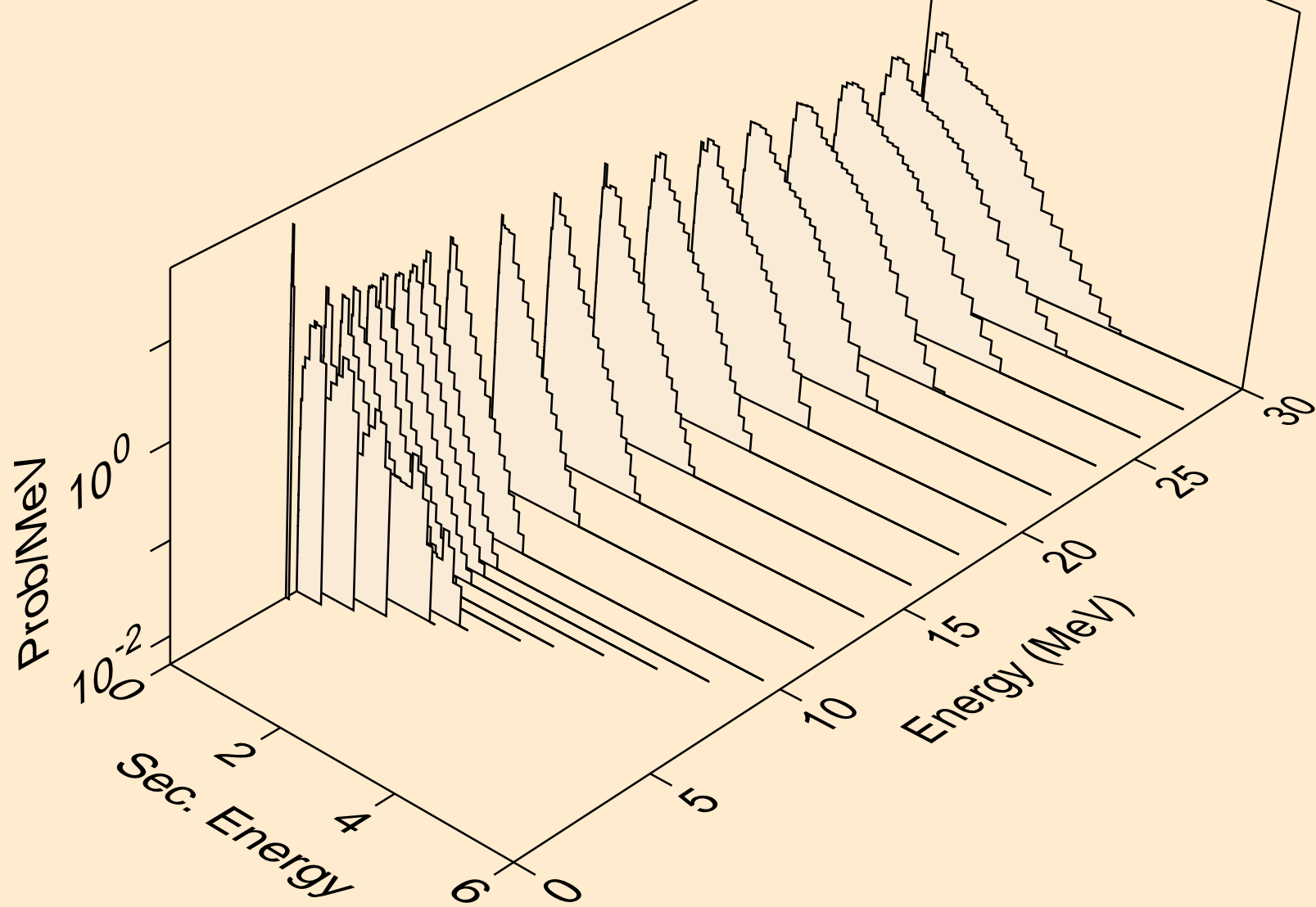
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission

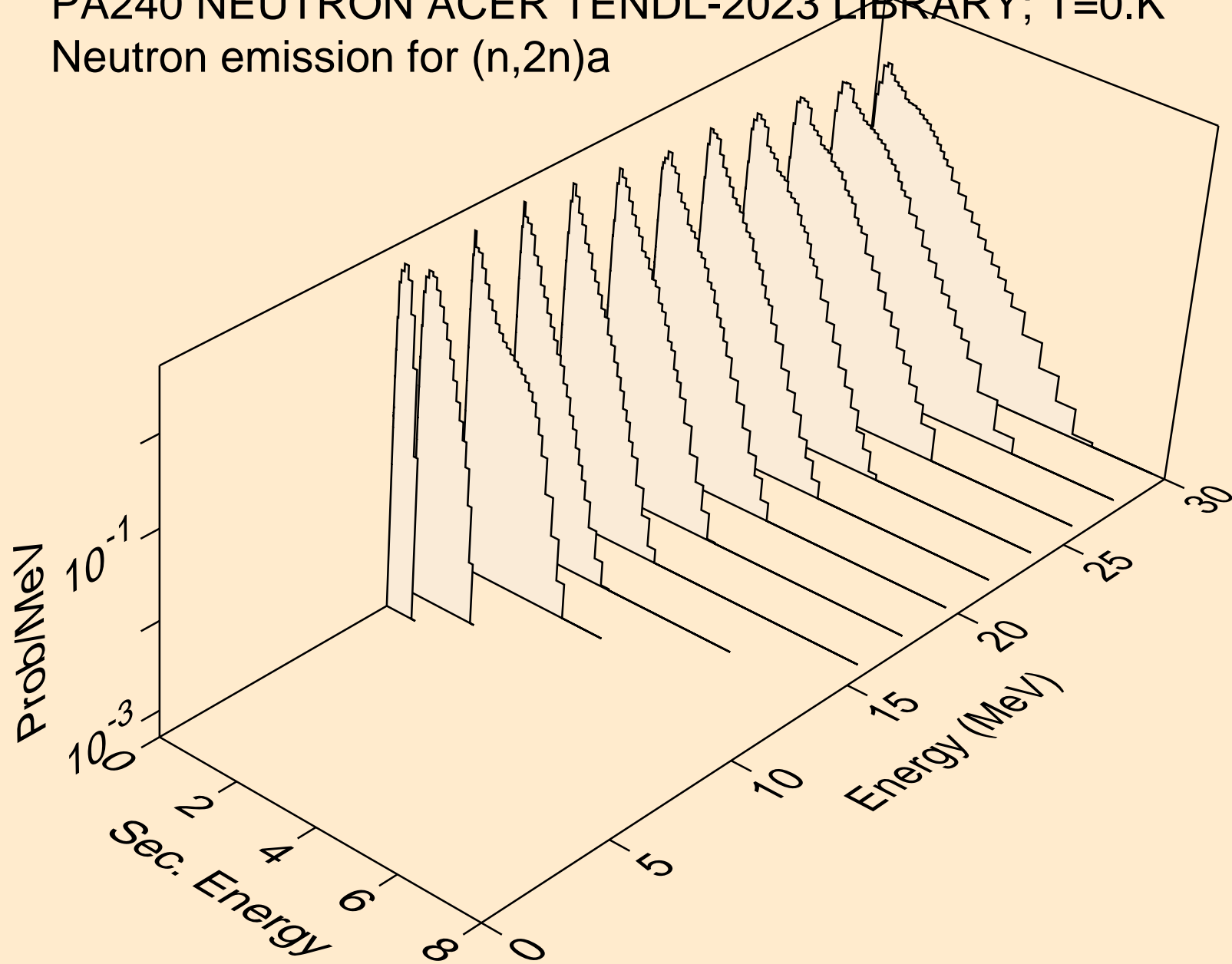


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

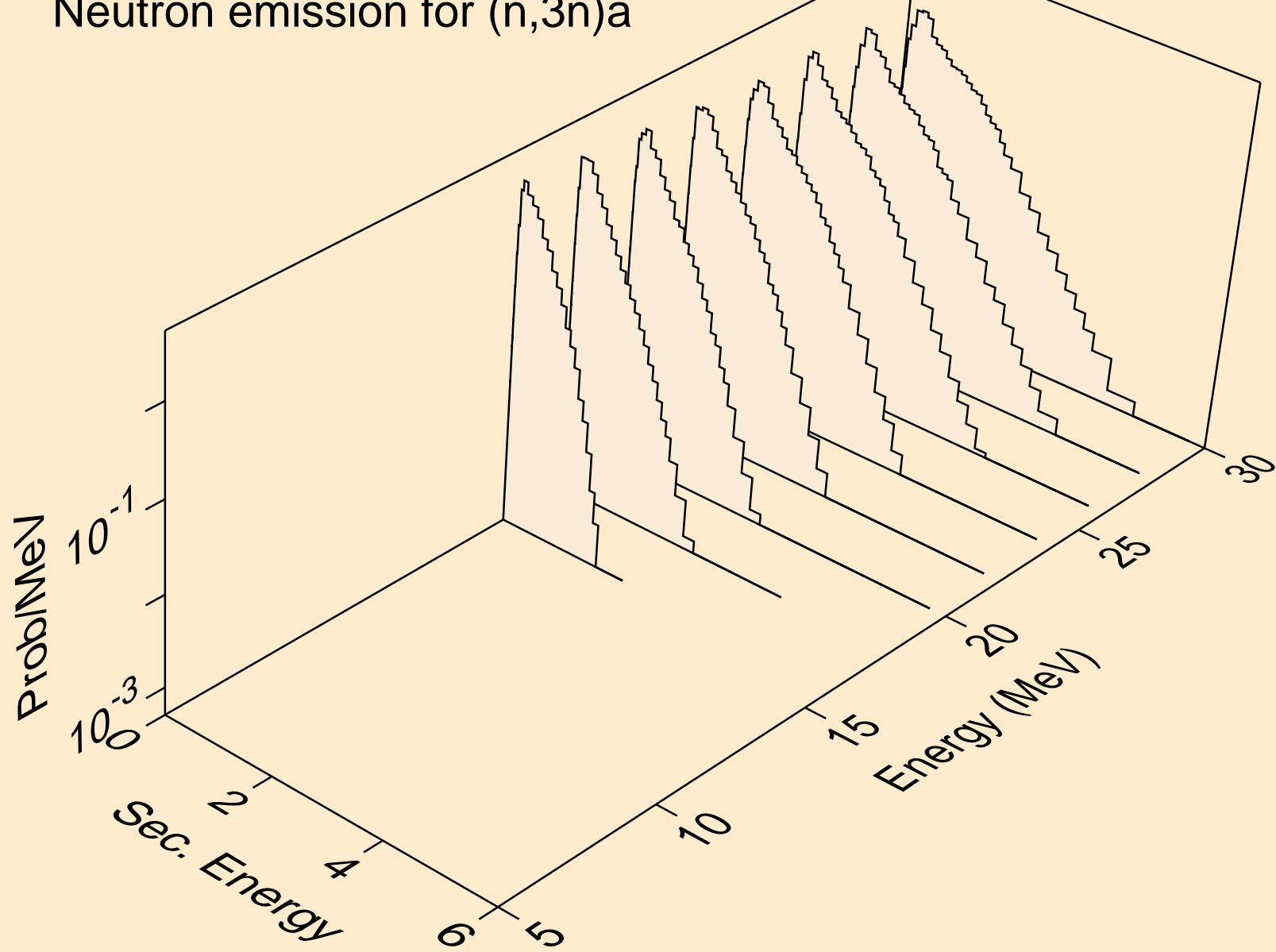




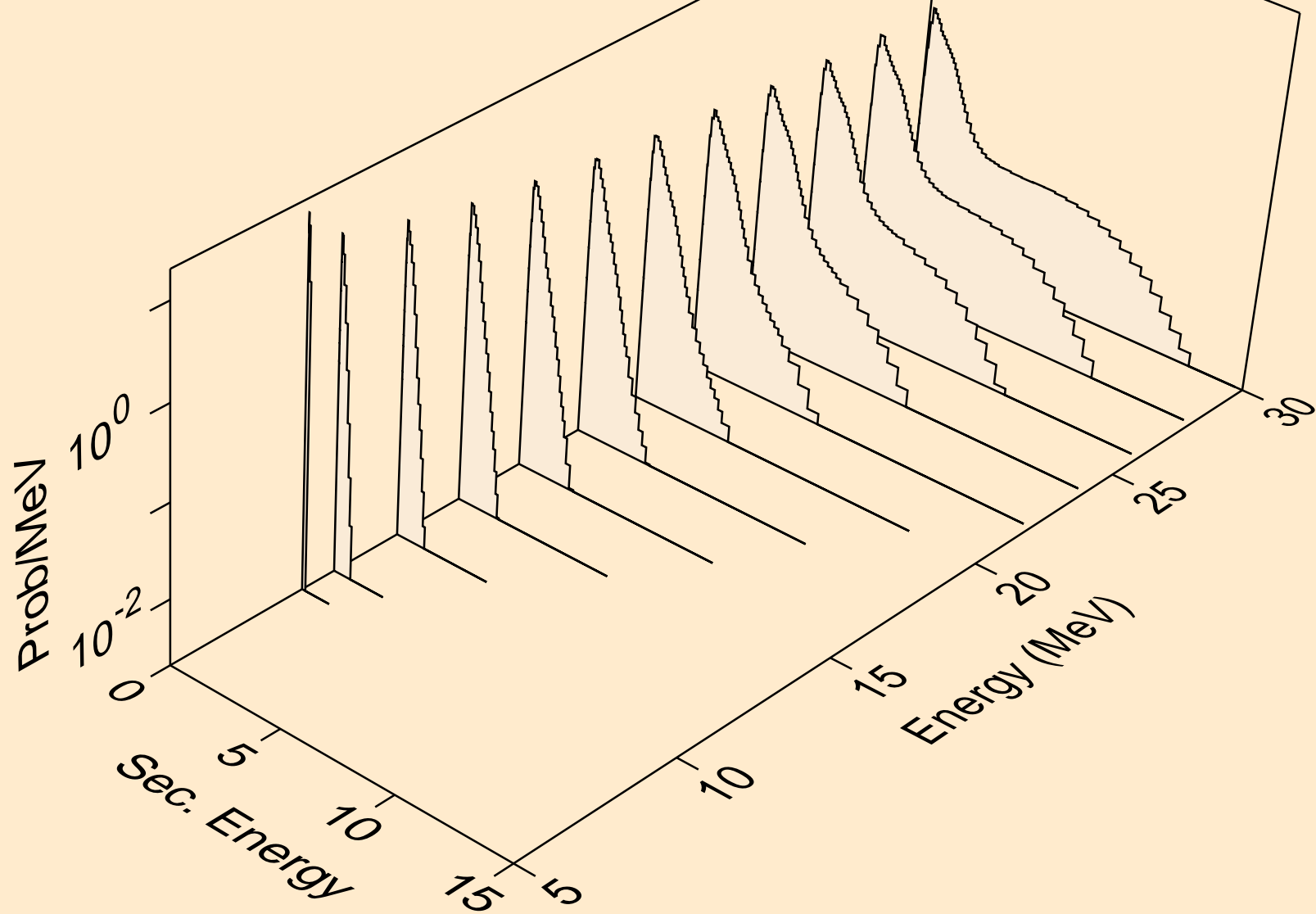
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



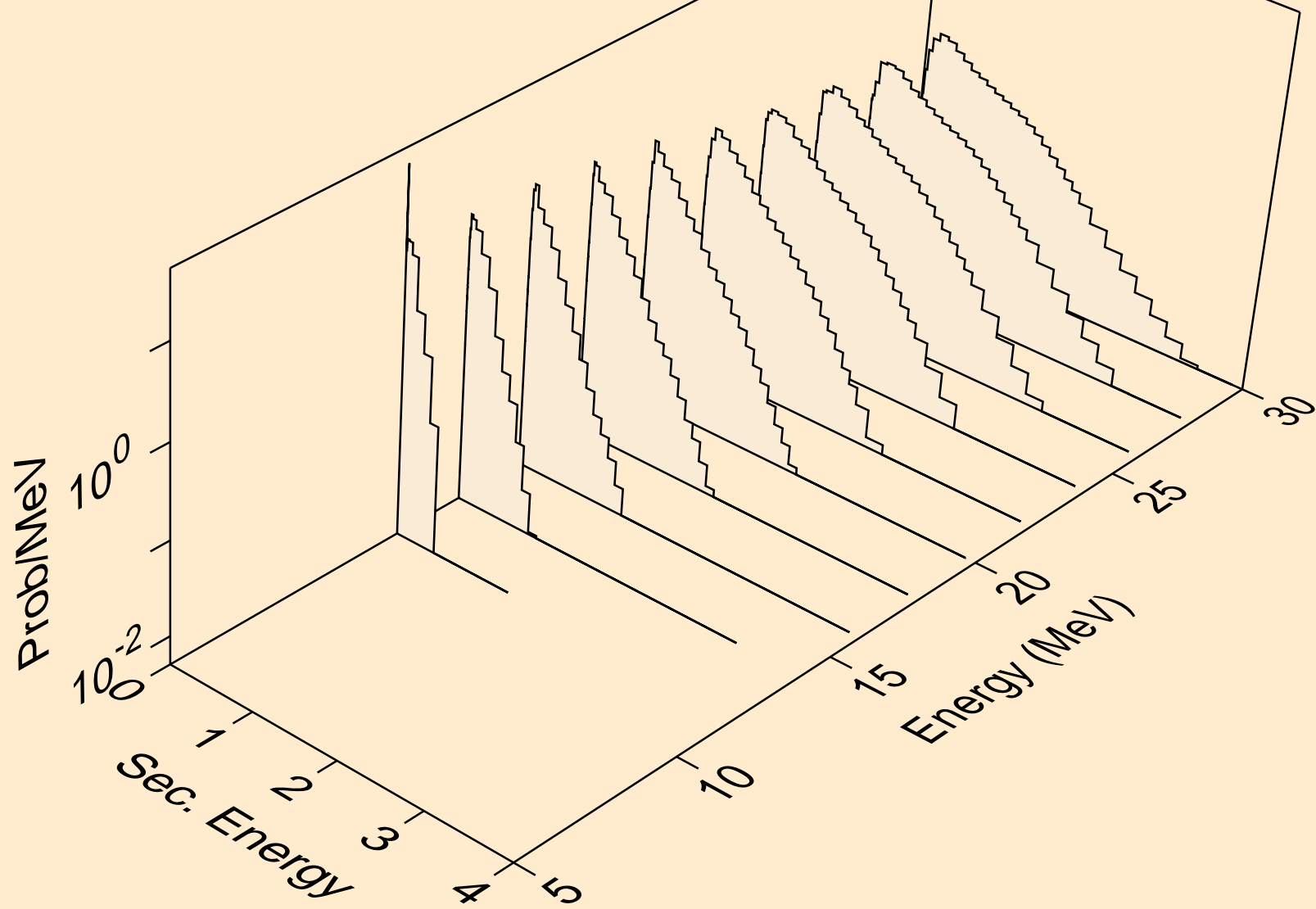
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



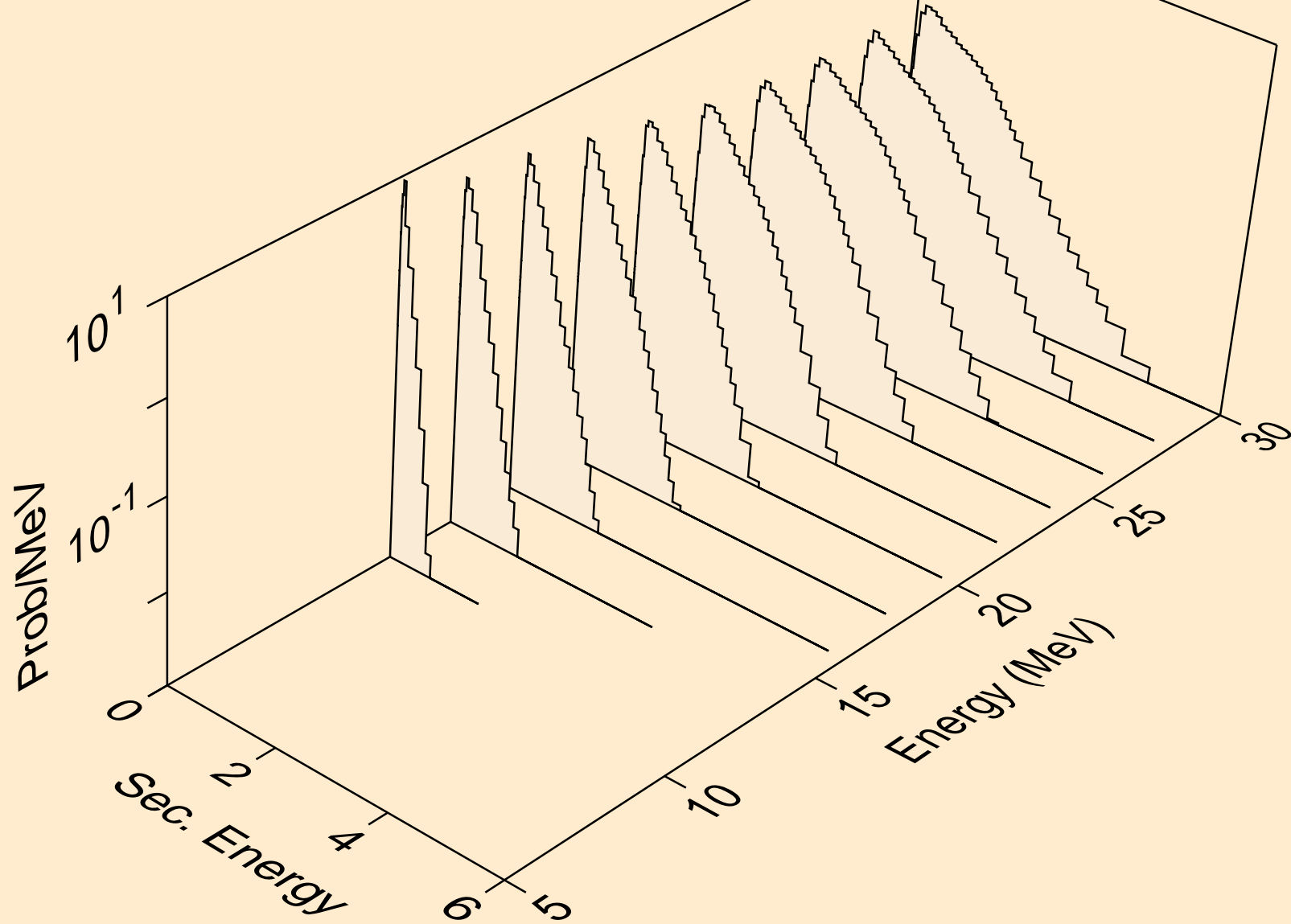
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



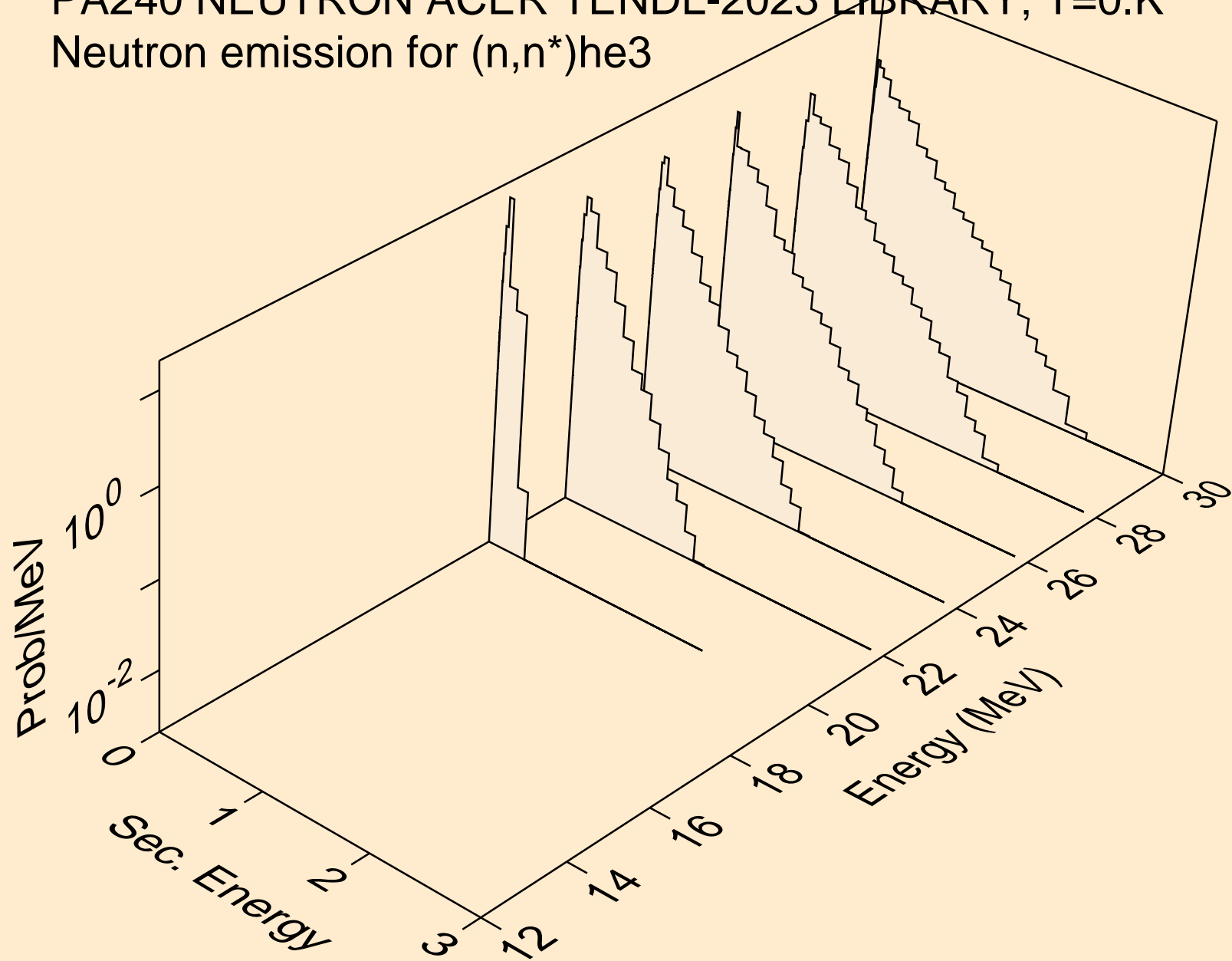
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



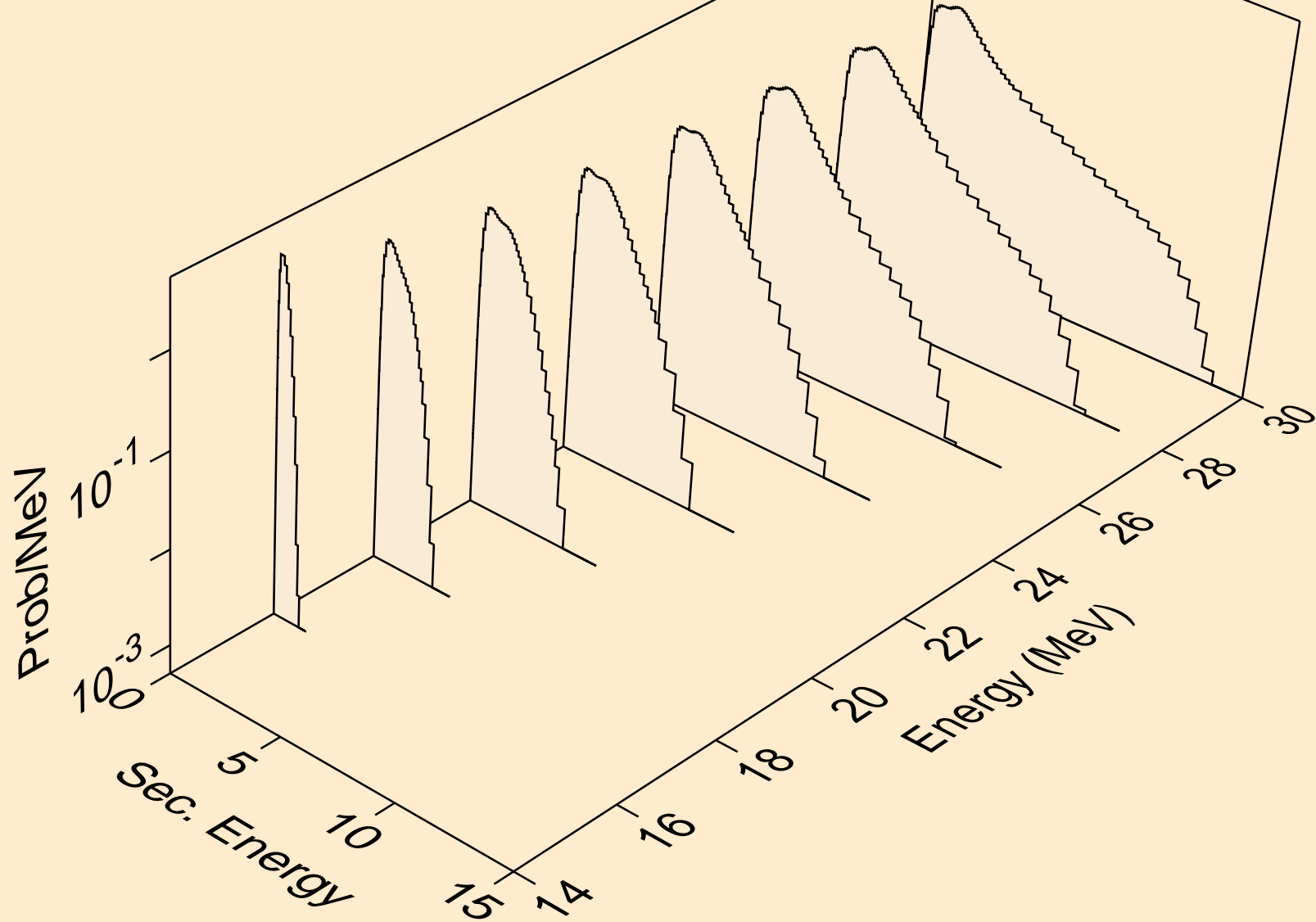
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



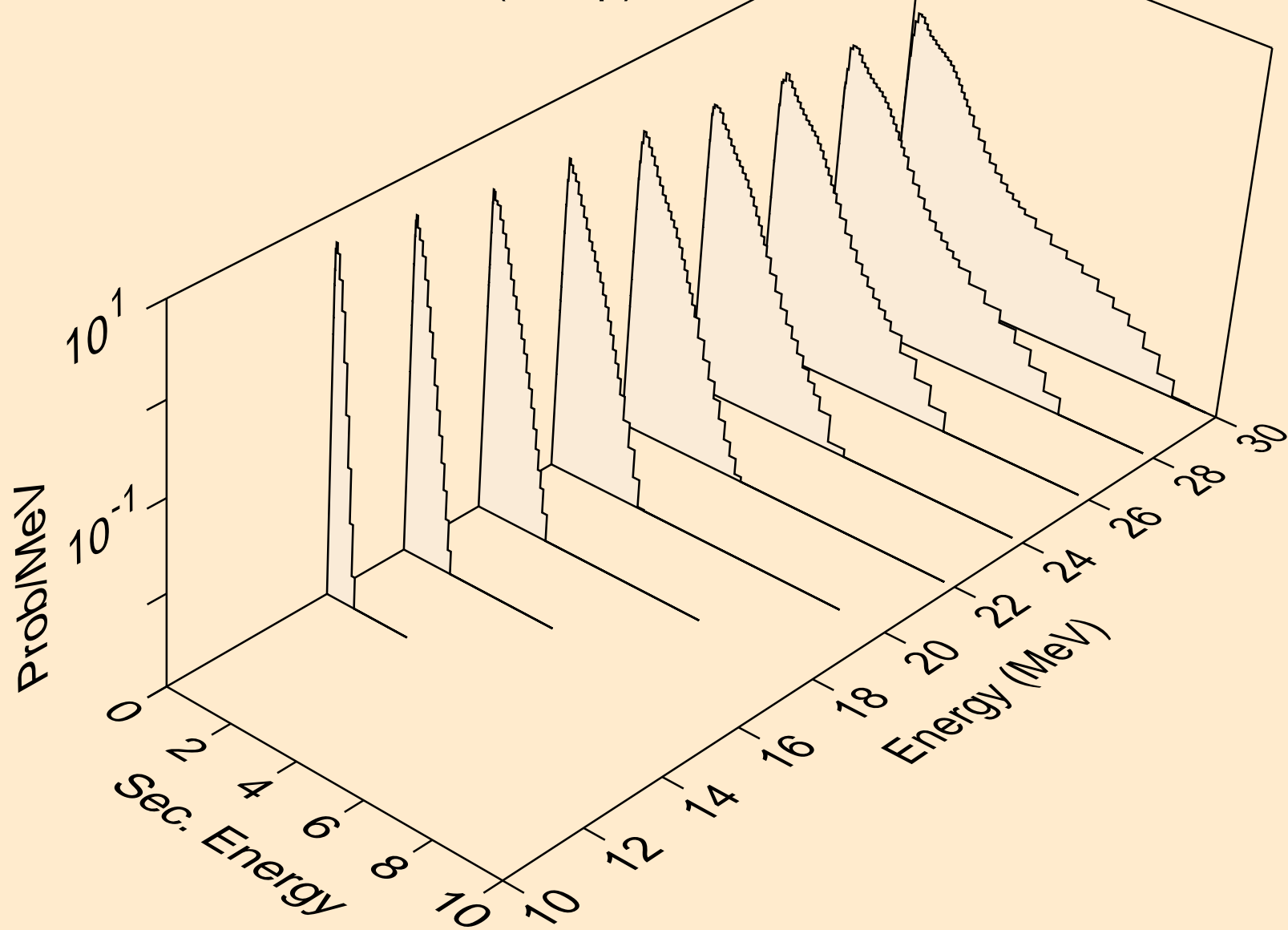
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

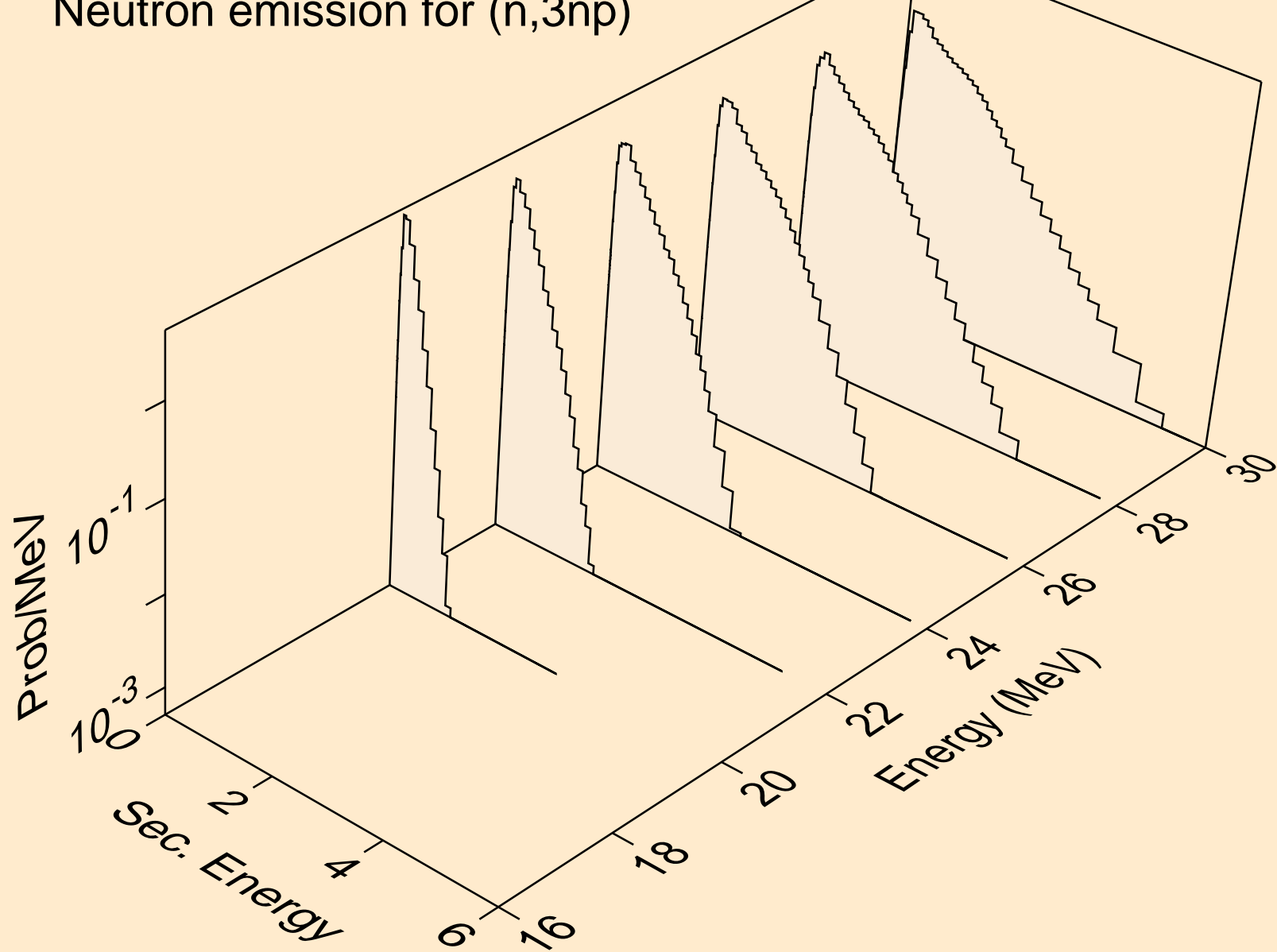


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

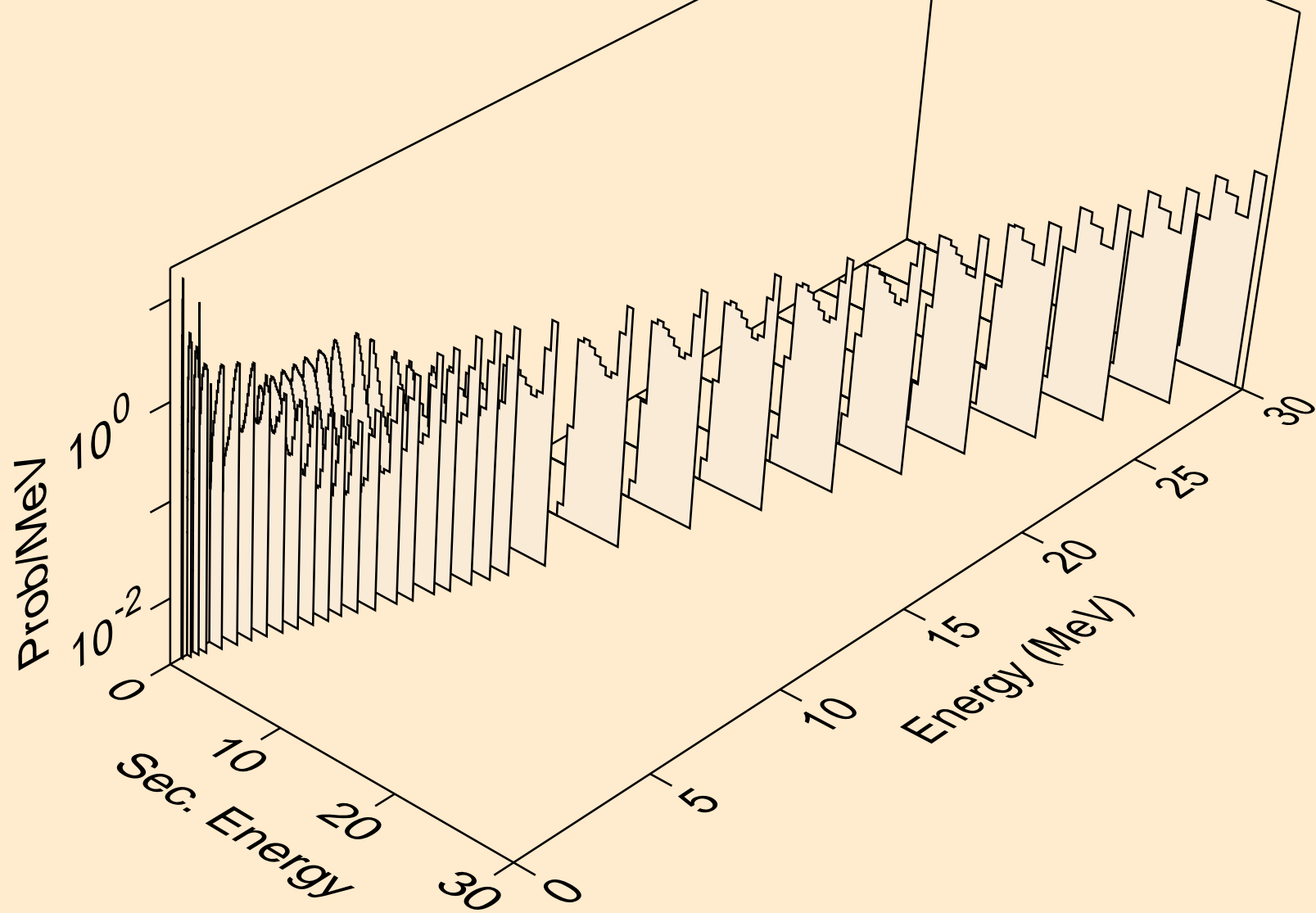




PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

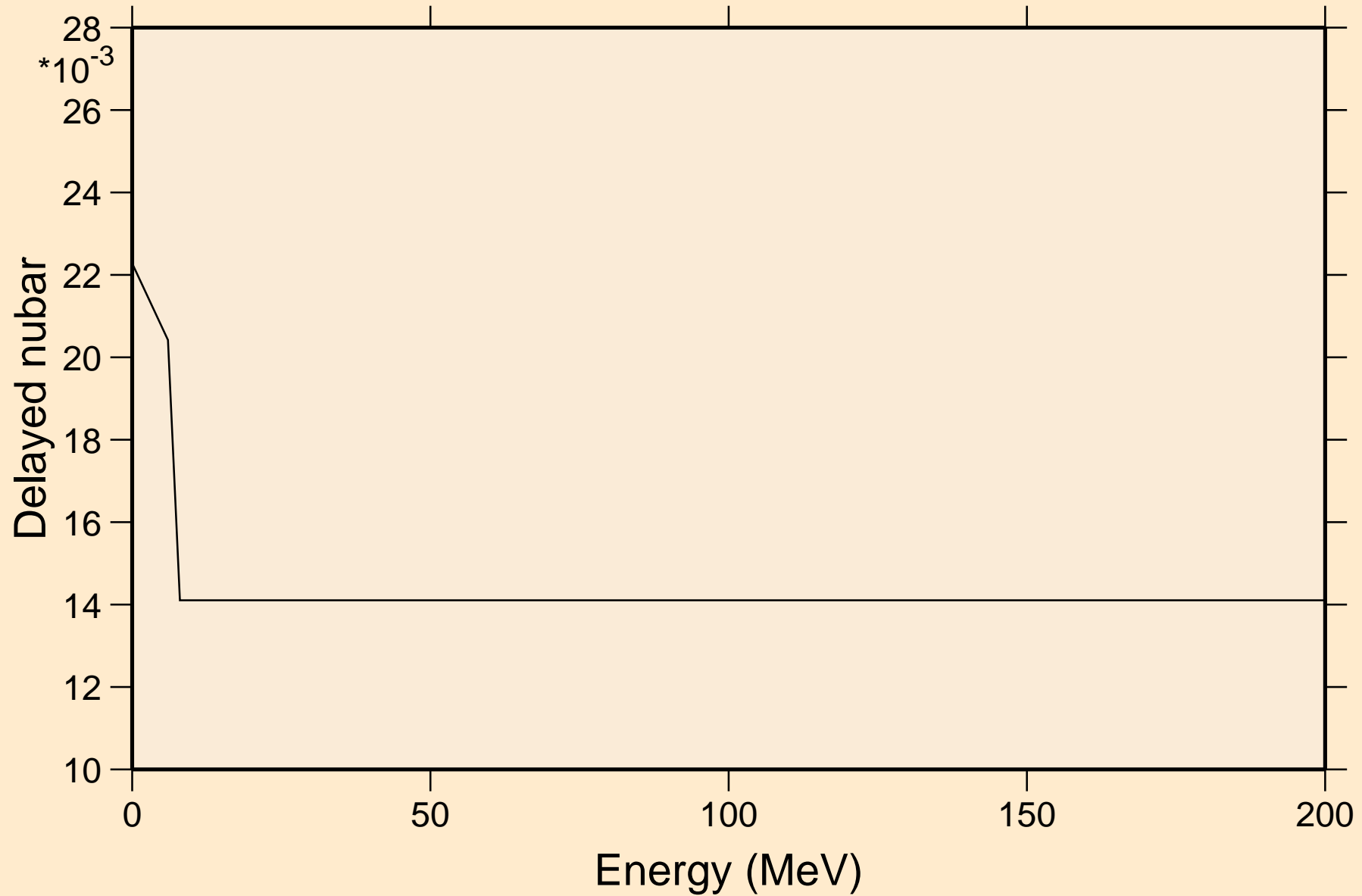


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



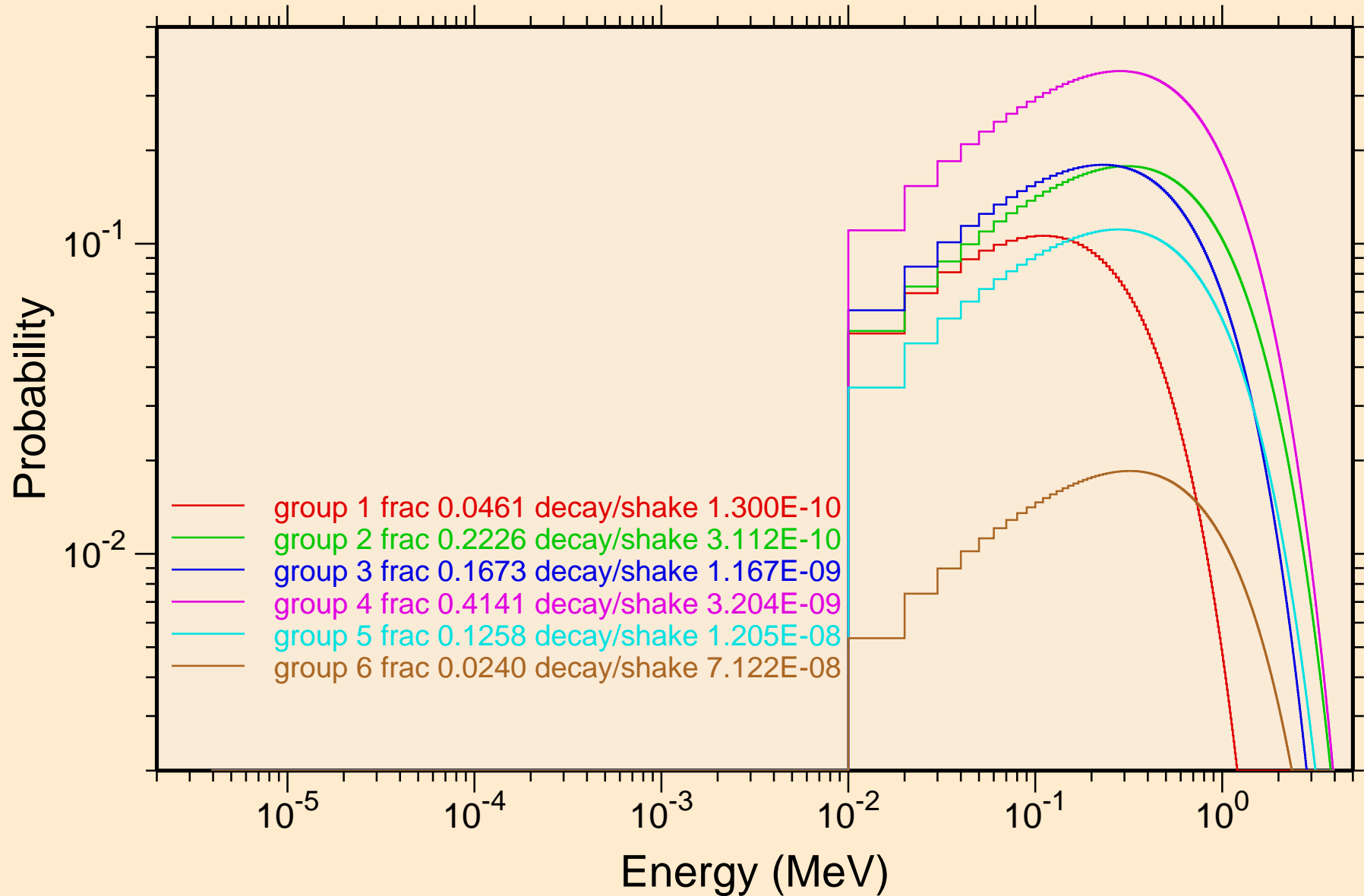
# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

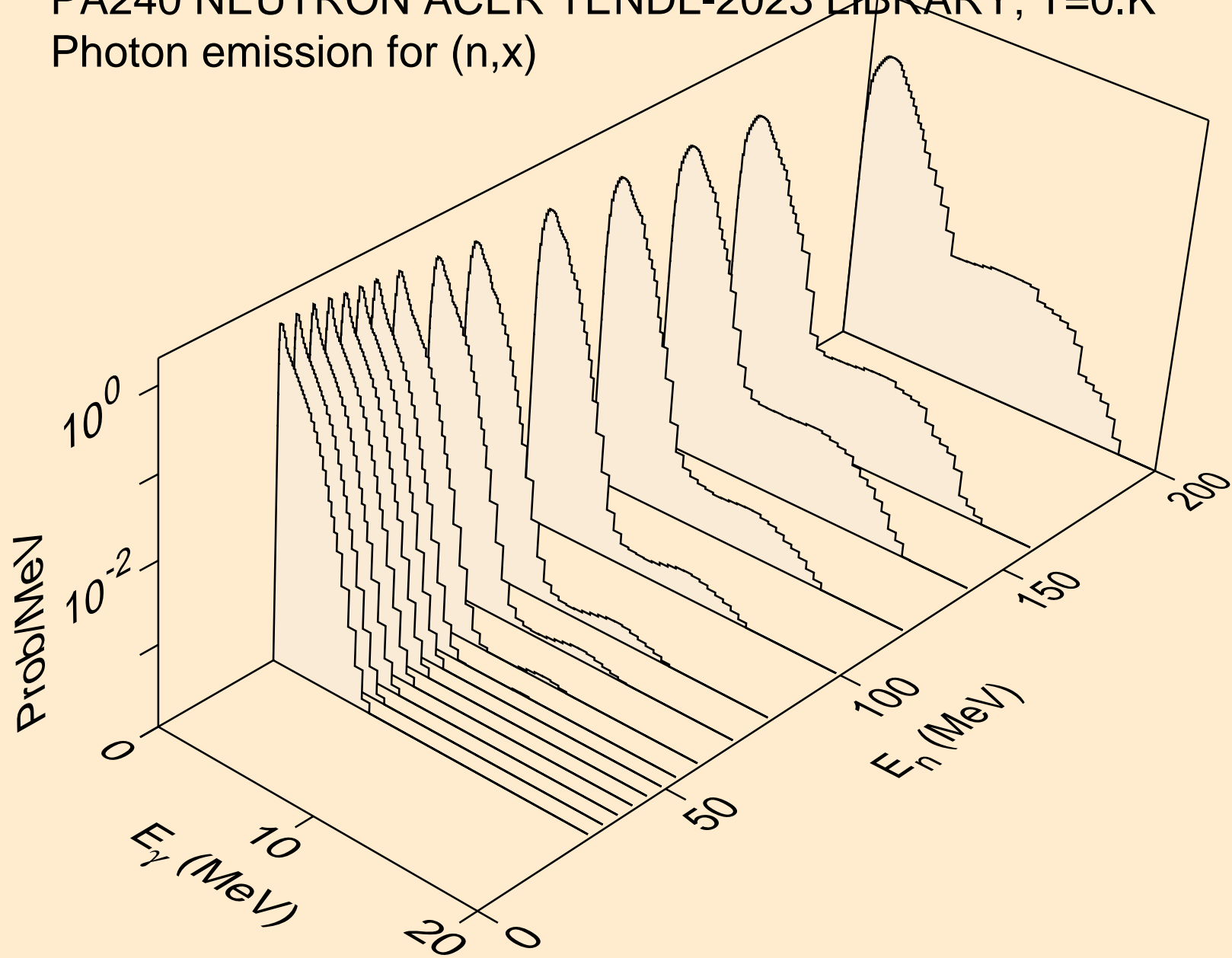


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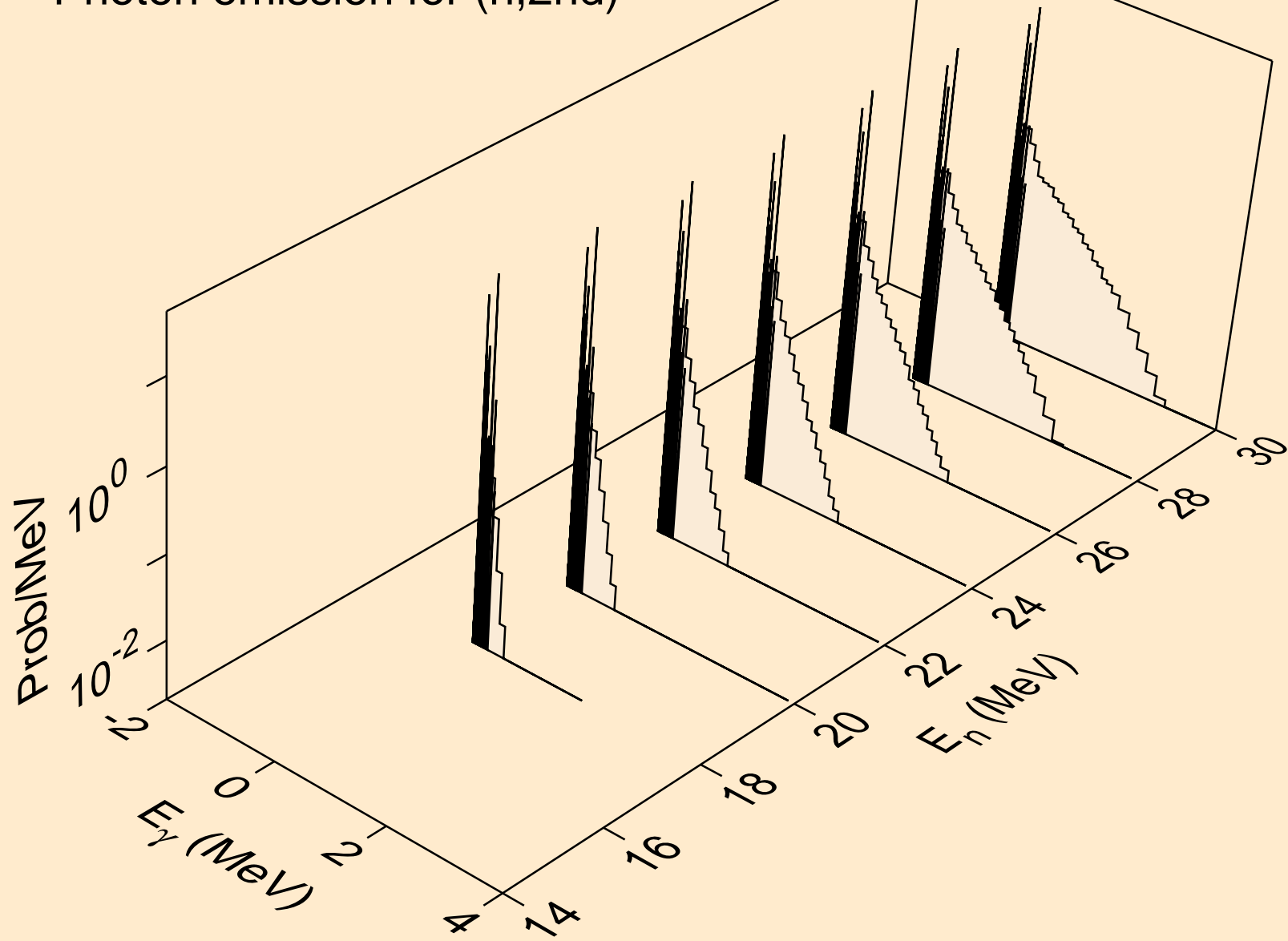
## Delayed neutron spectra



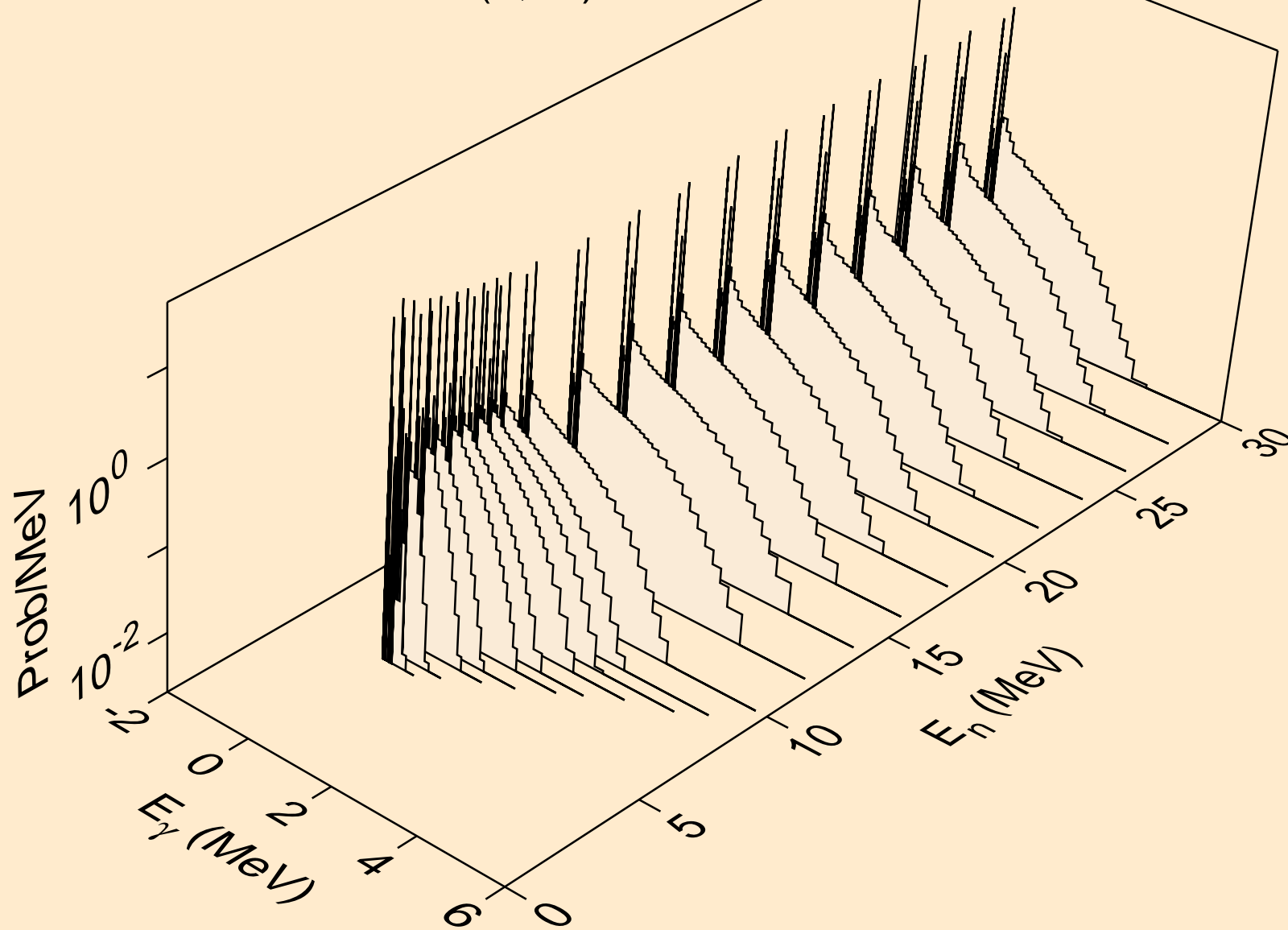
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



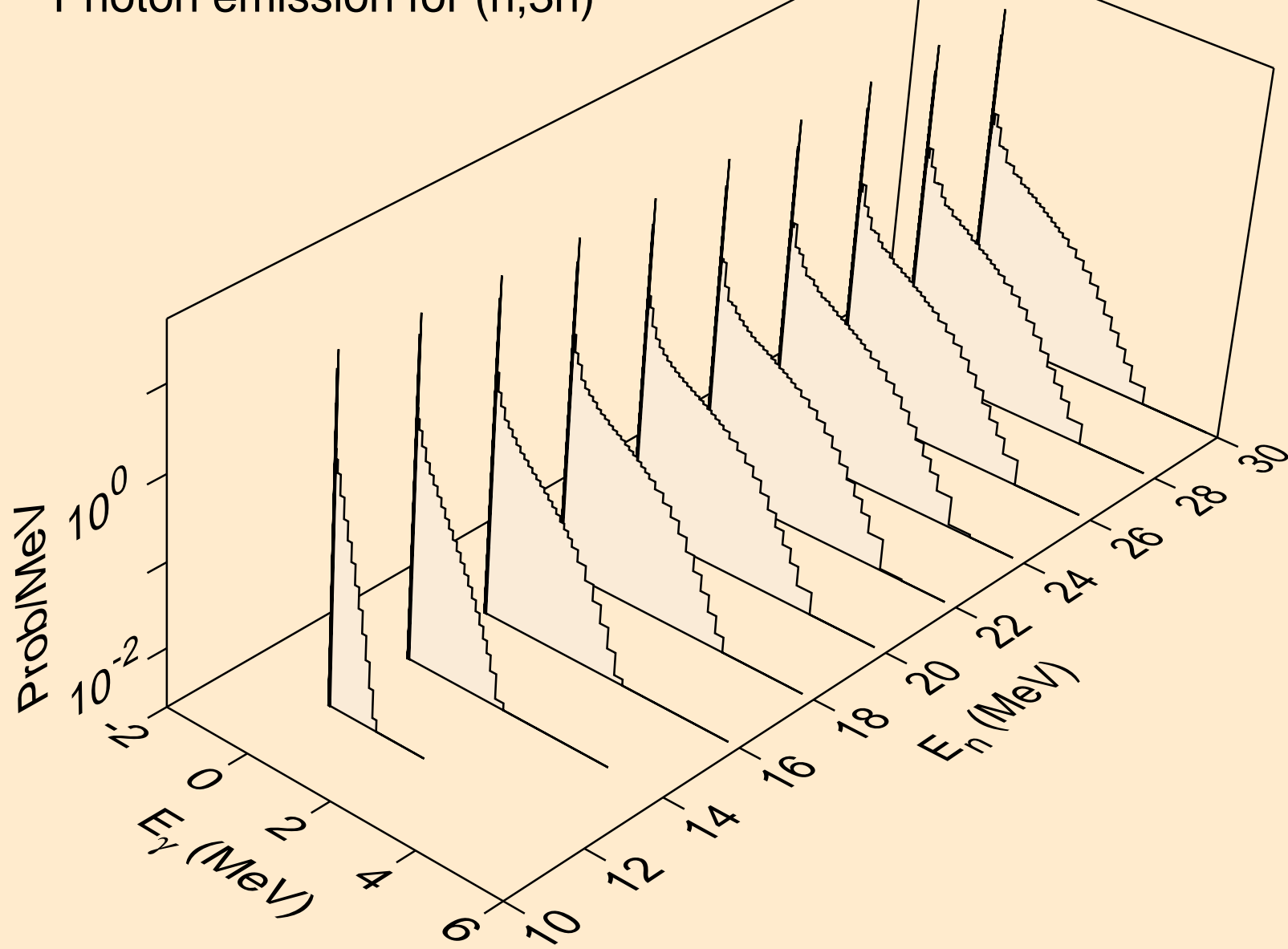
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

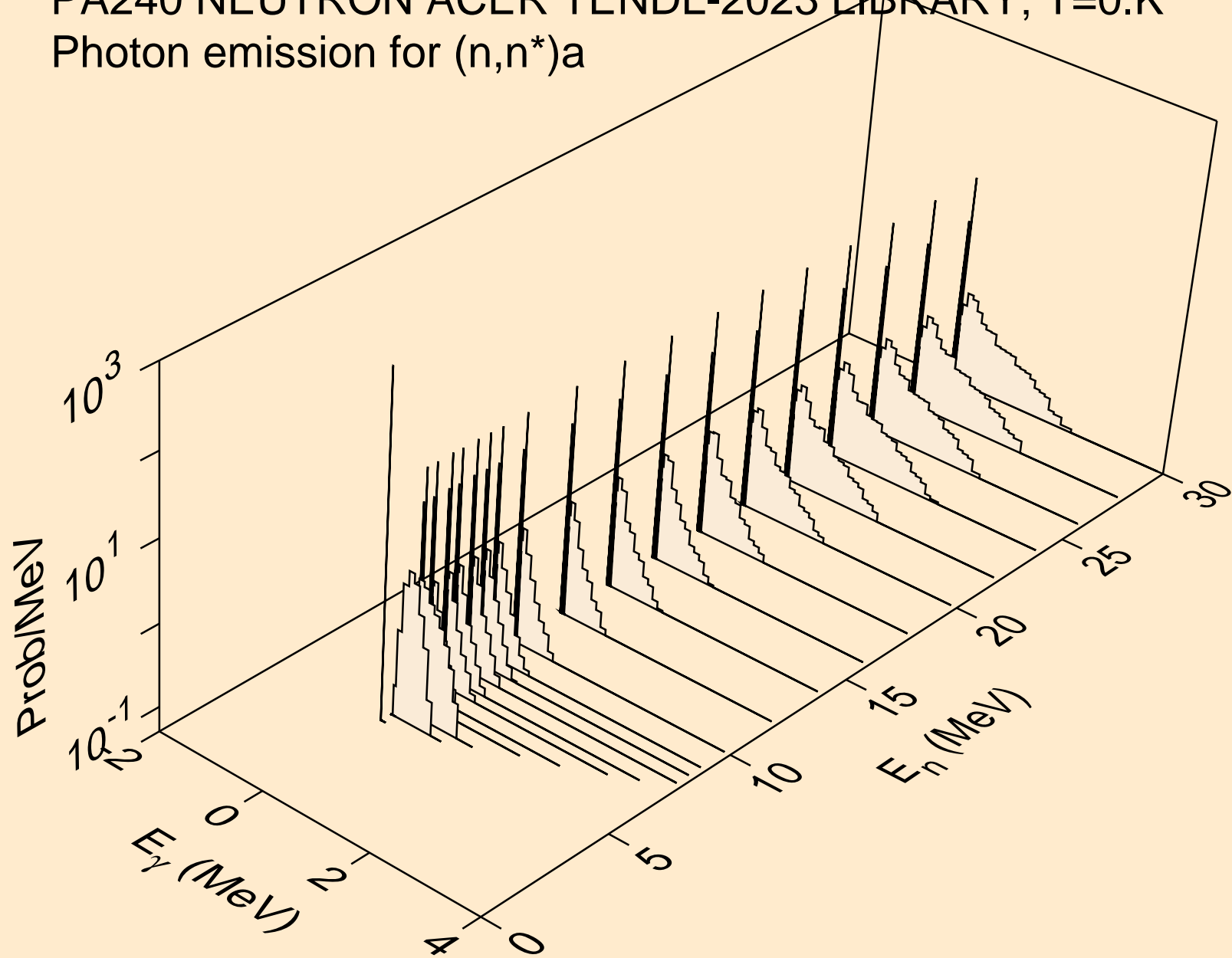


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

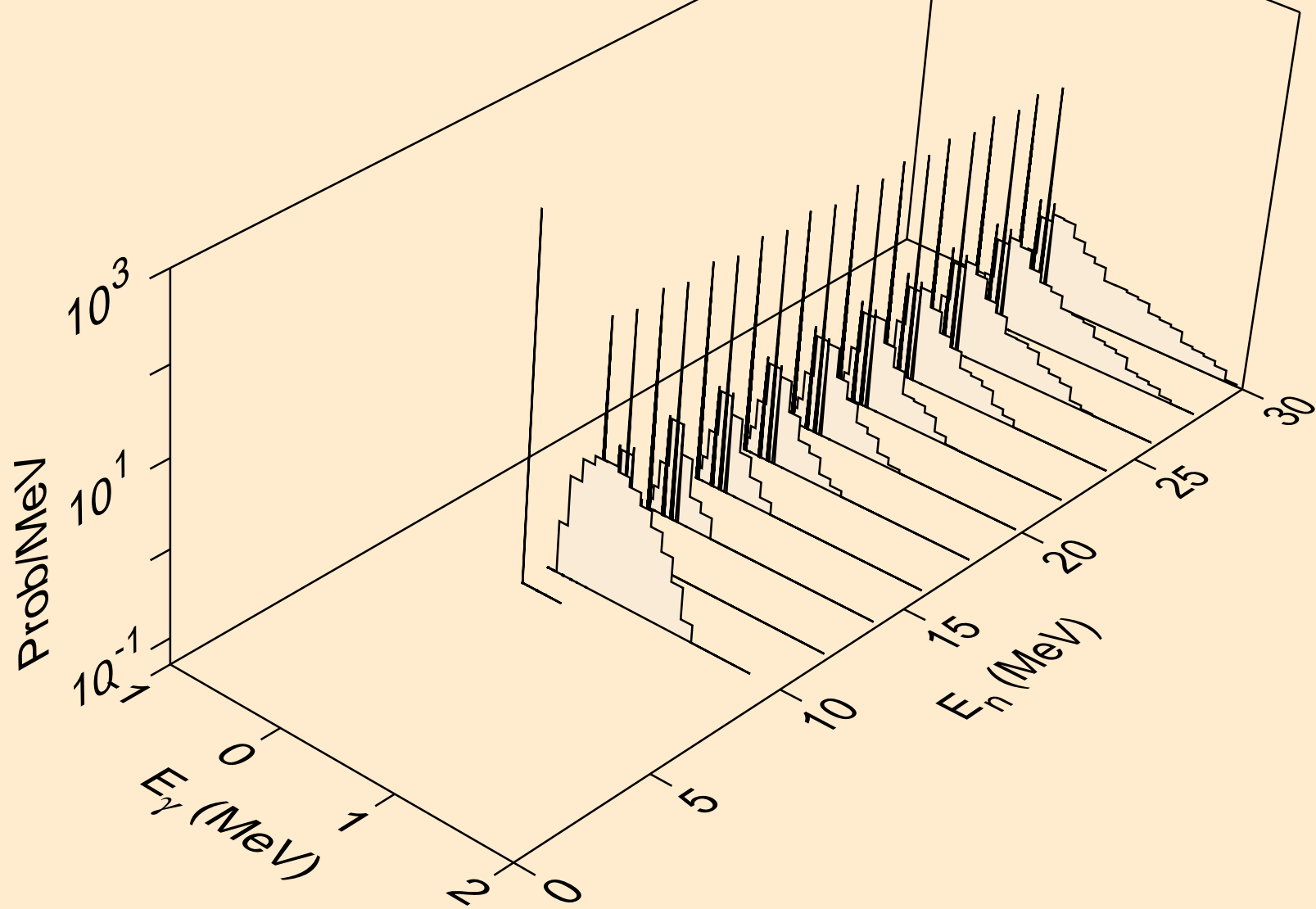




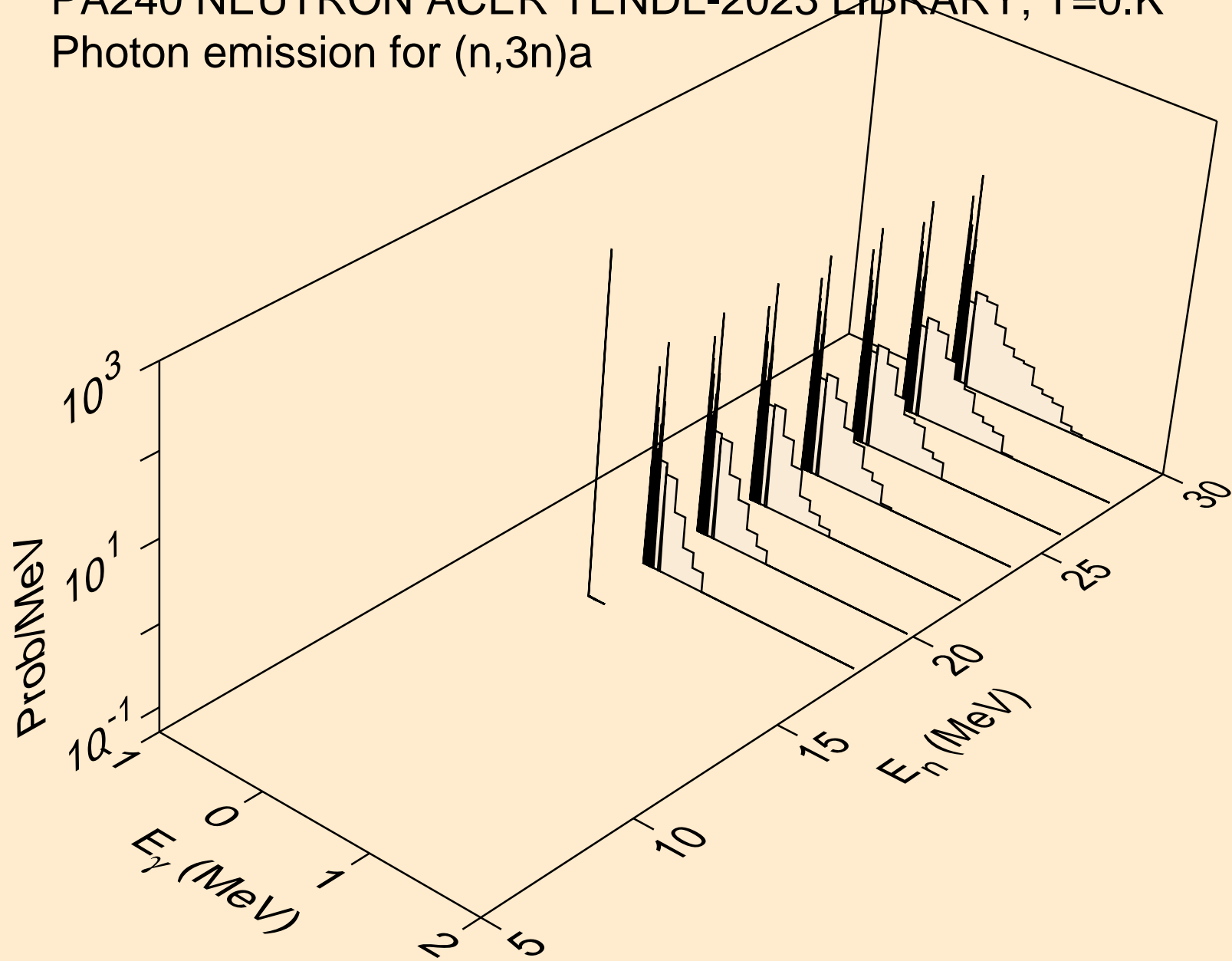
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



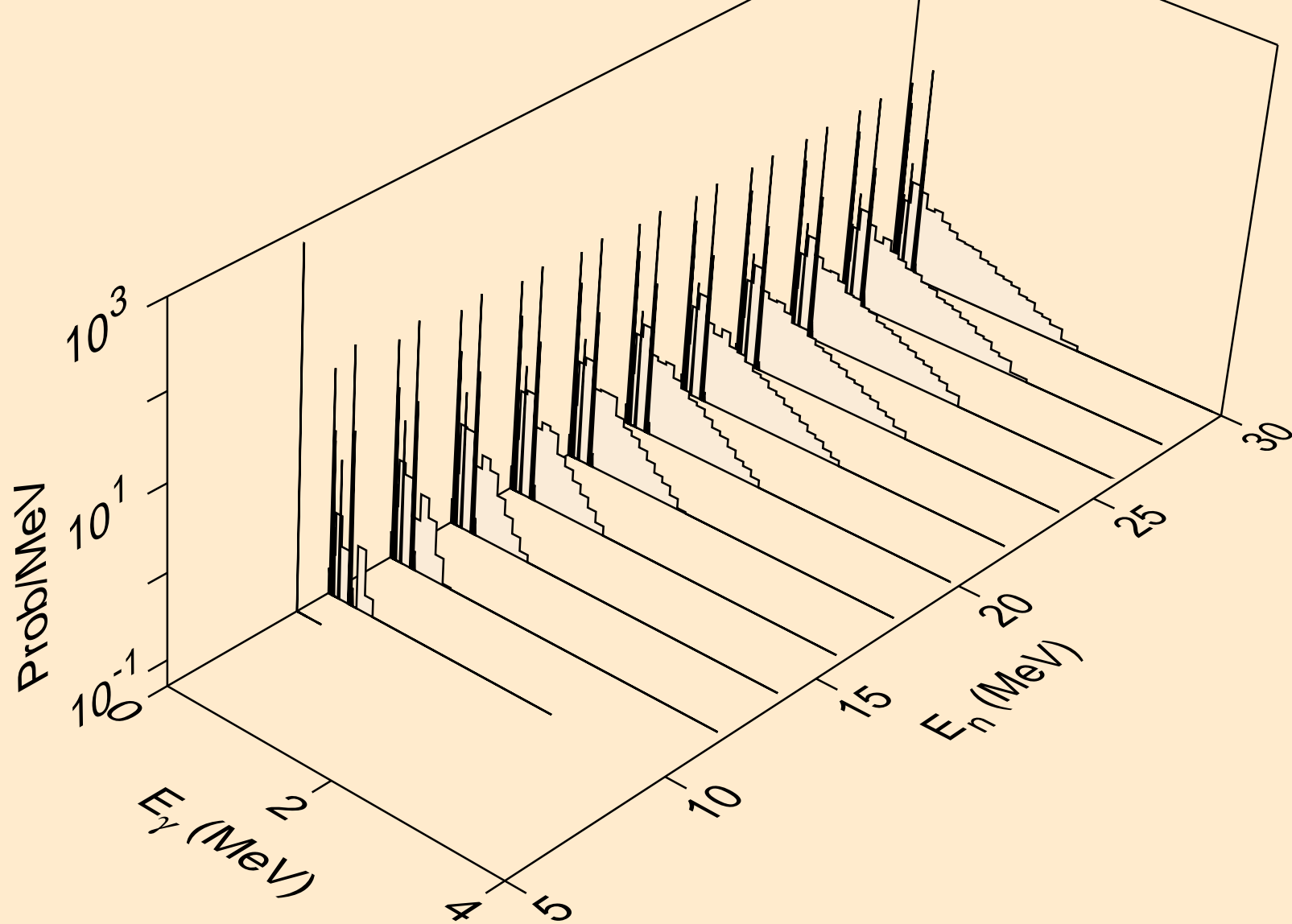
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



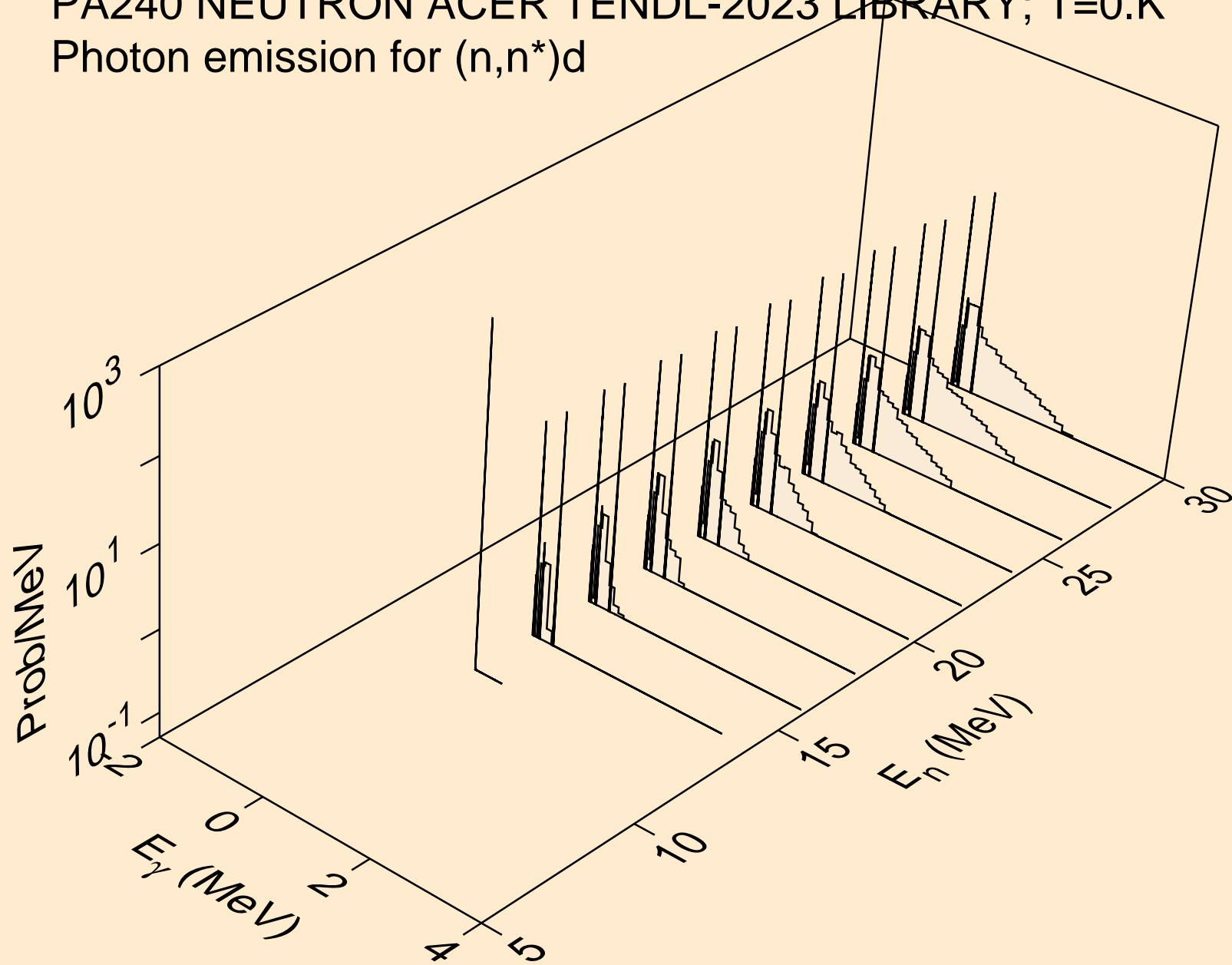
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



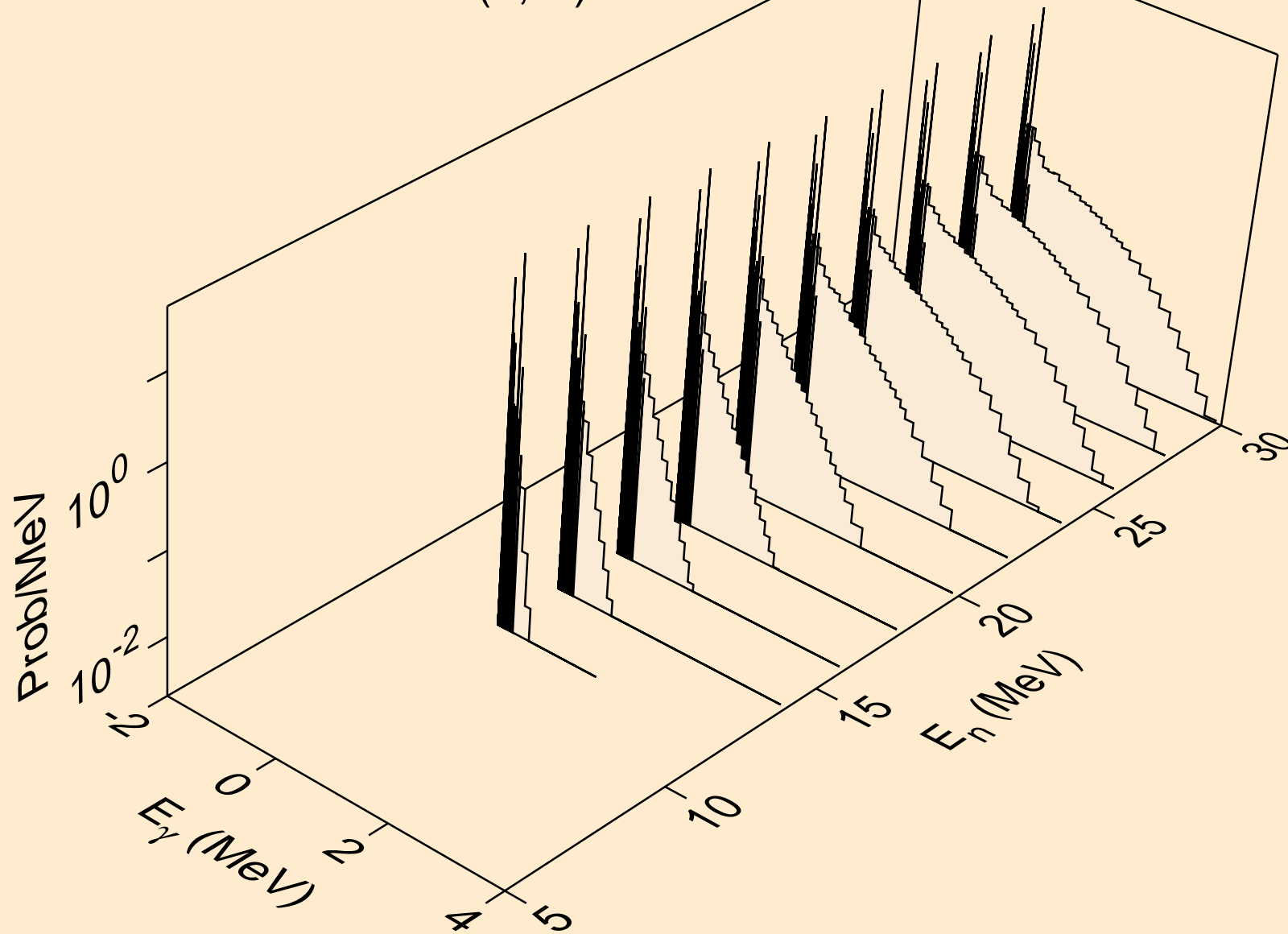
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



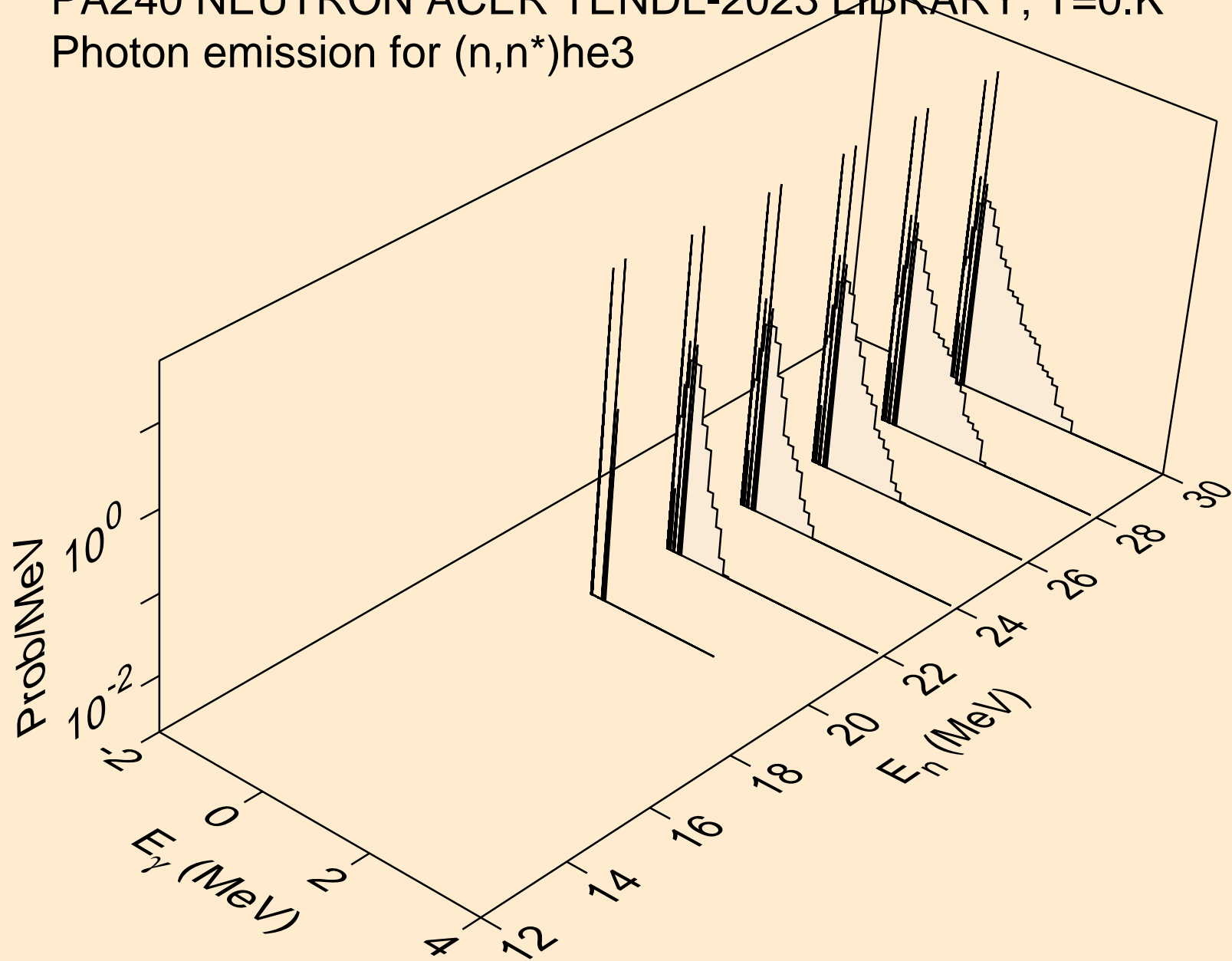
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



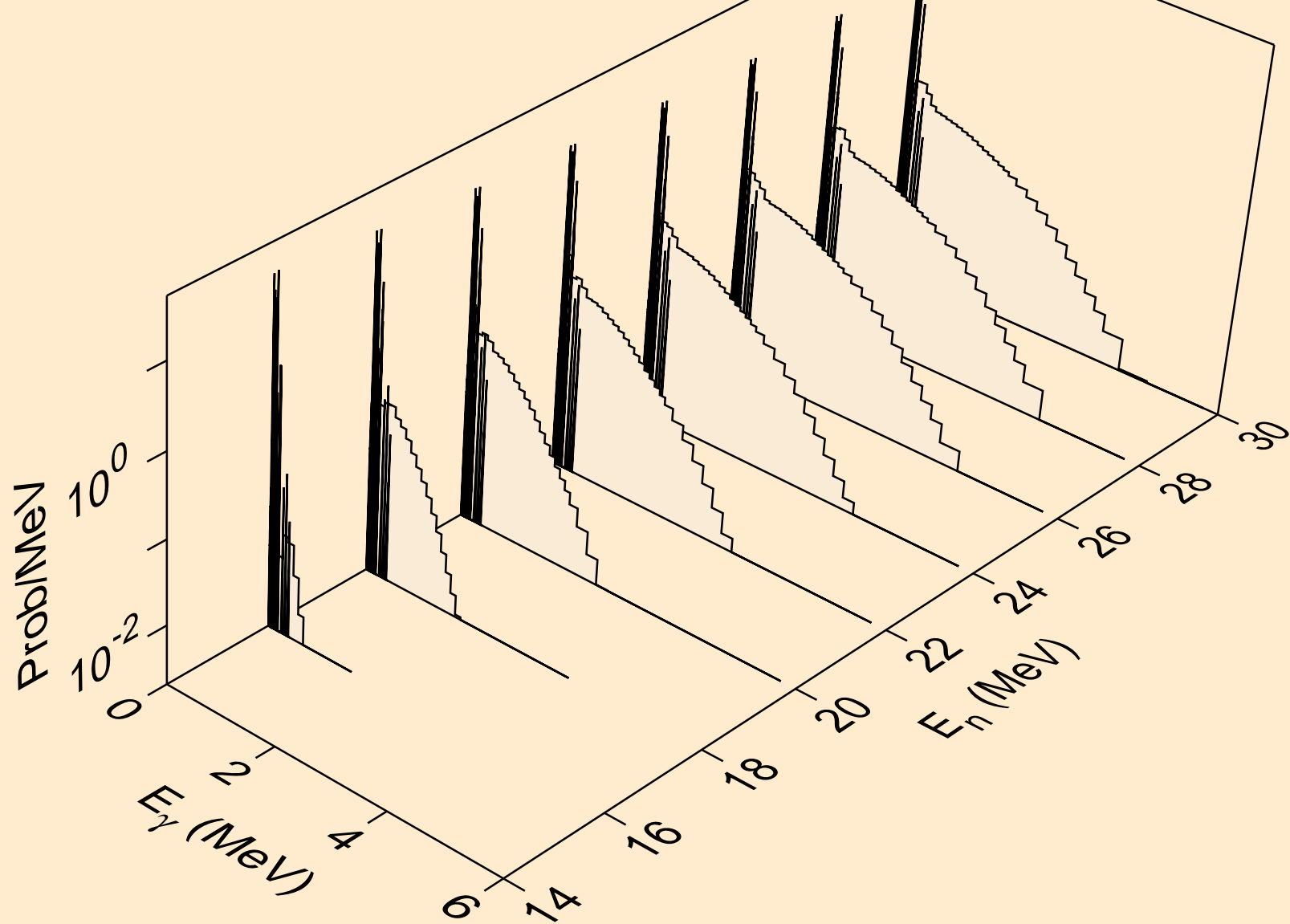
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

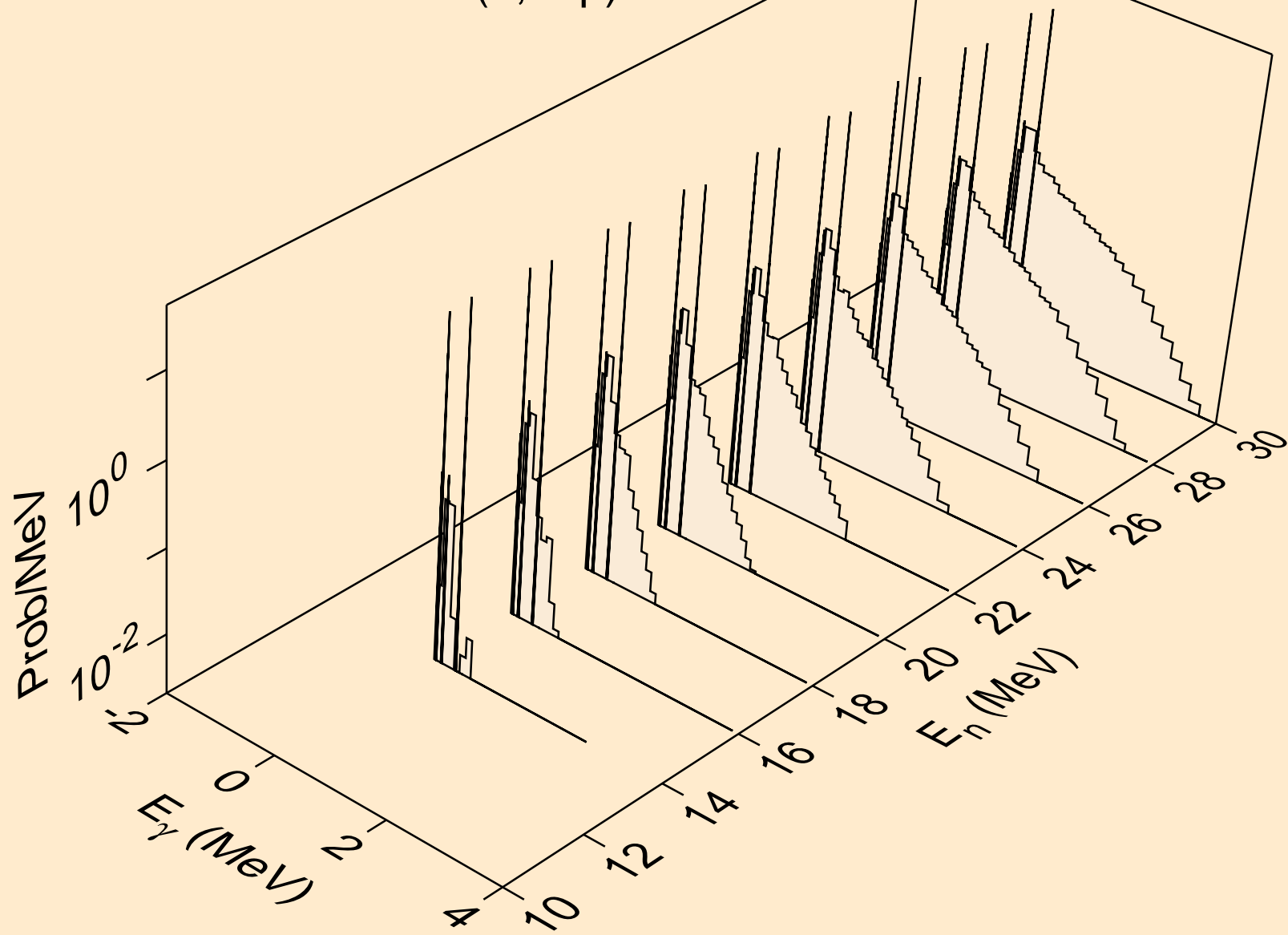


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

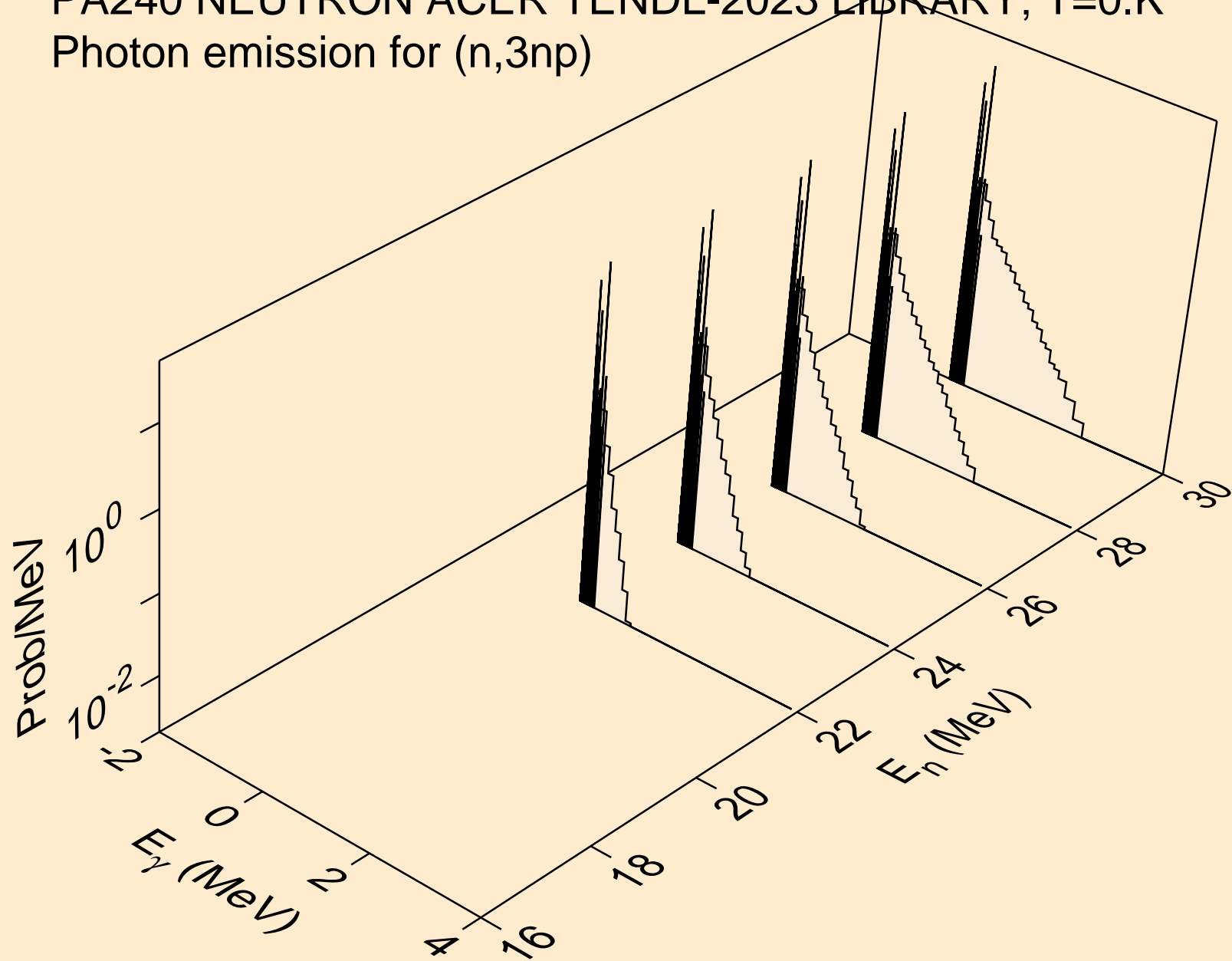




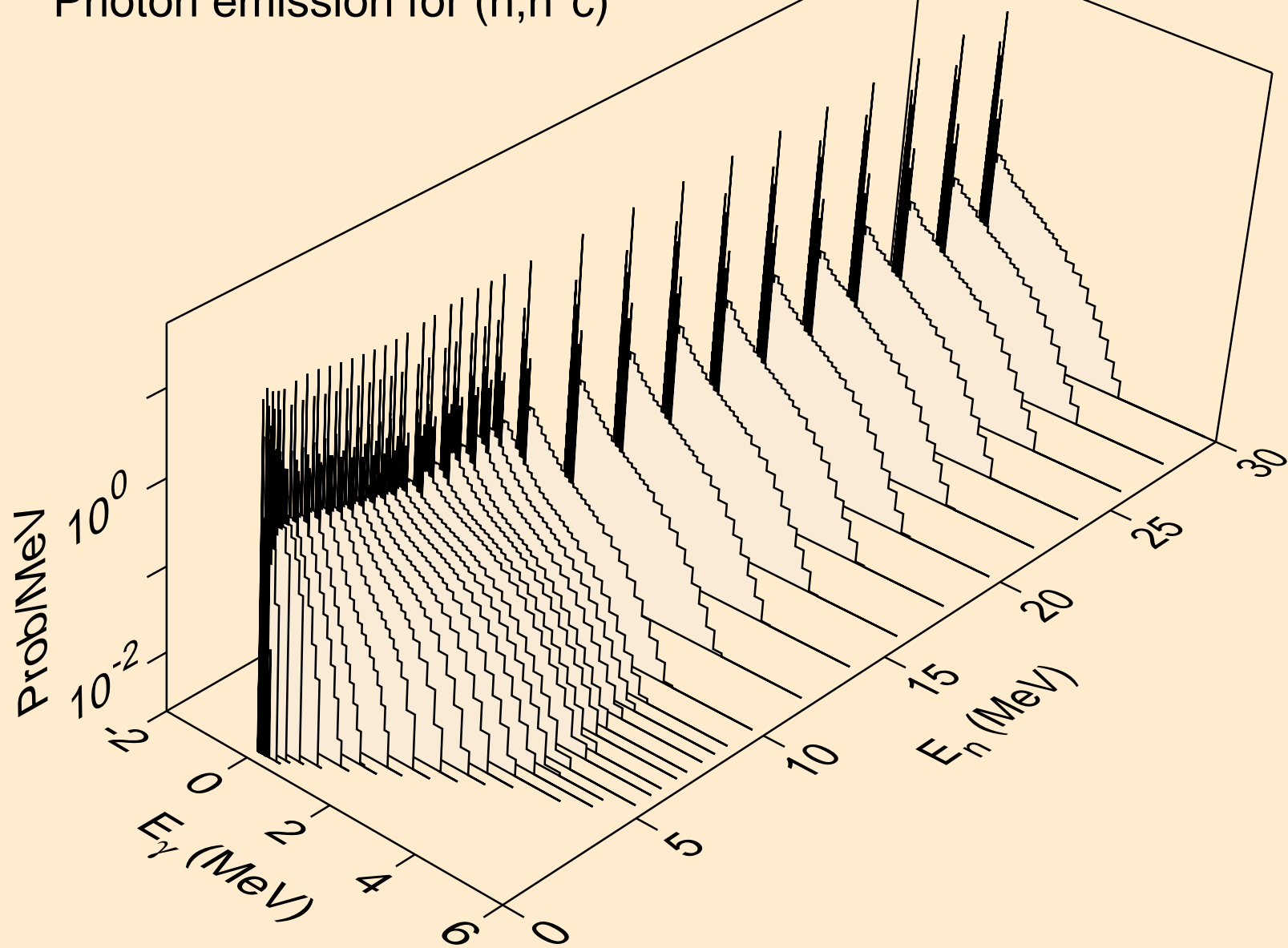
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



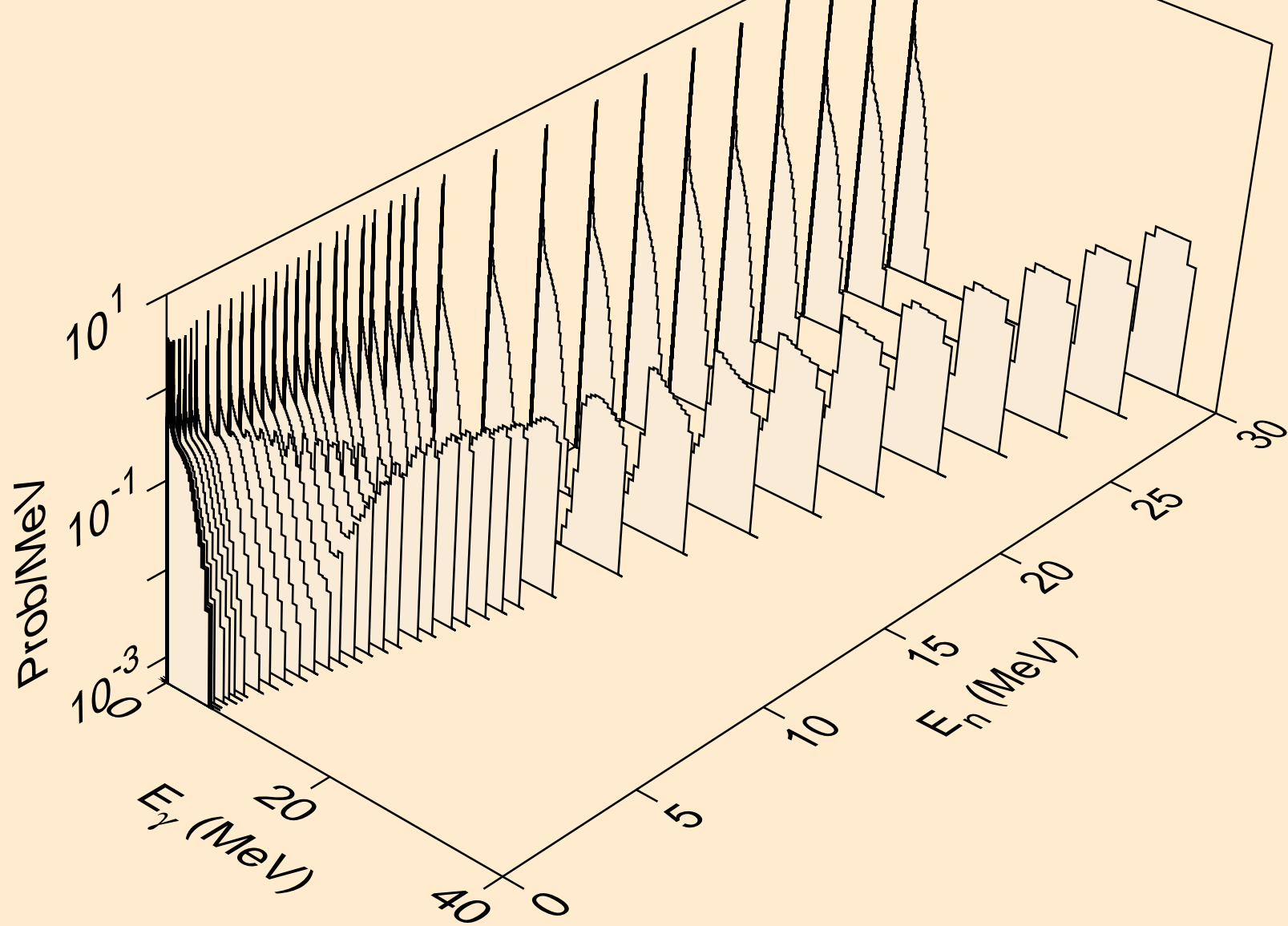
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



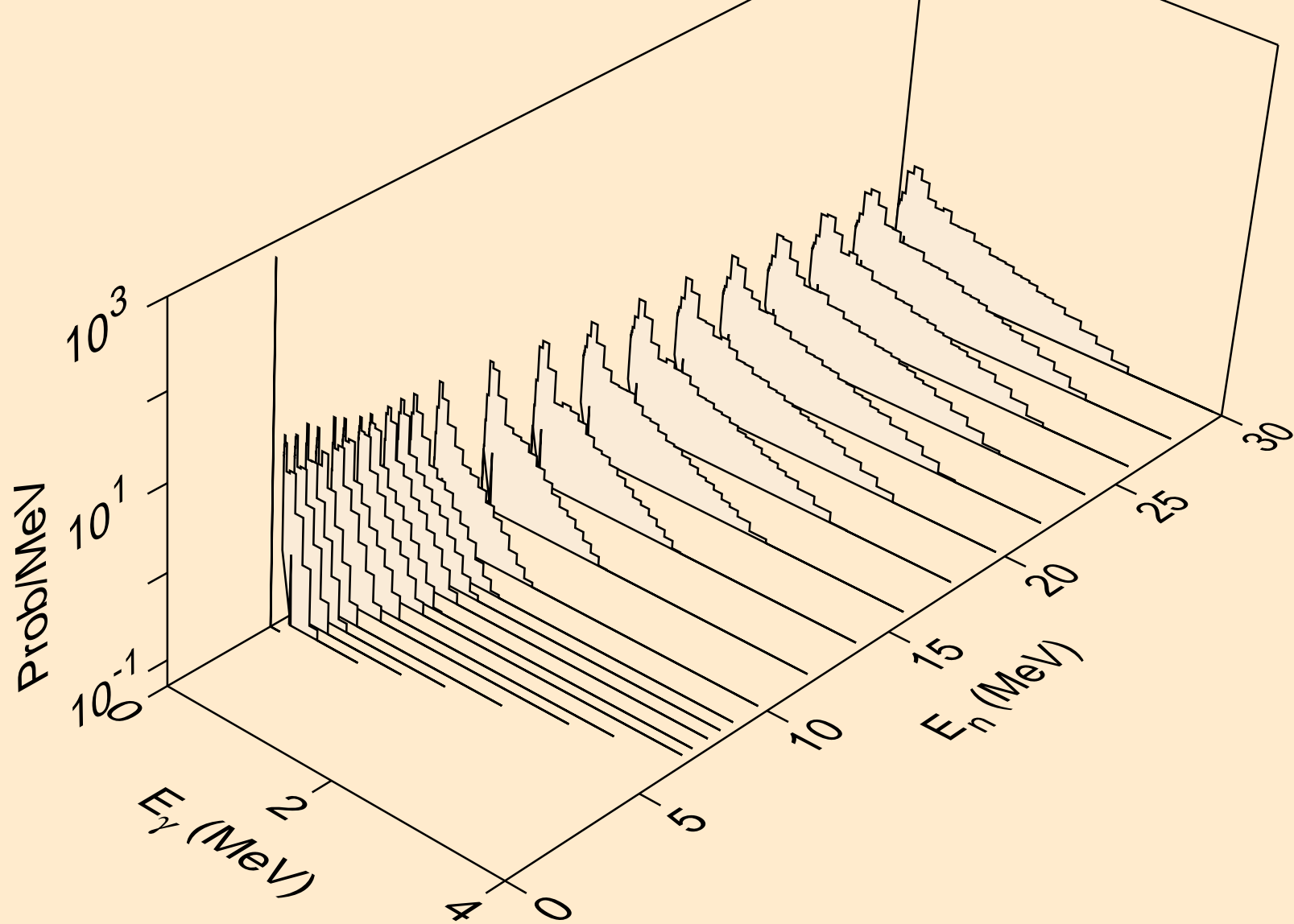
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



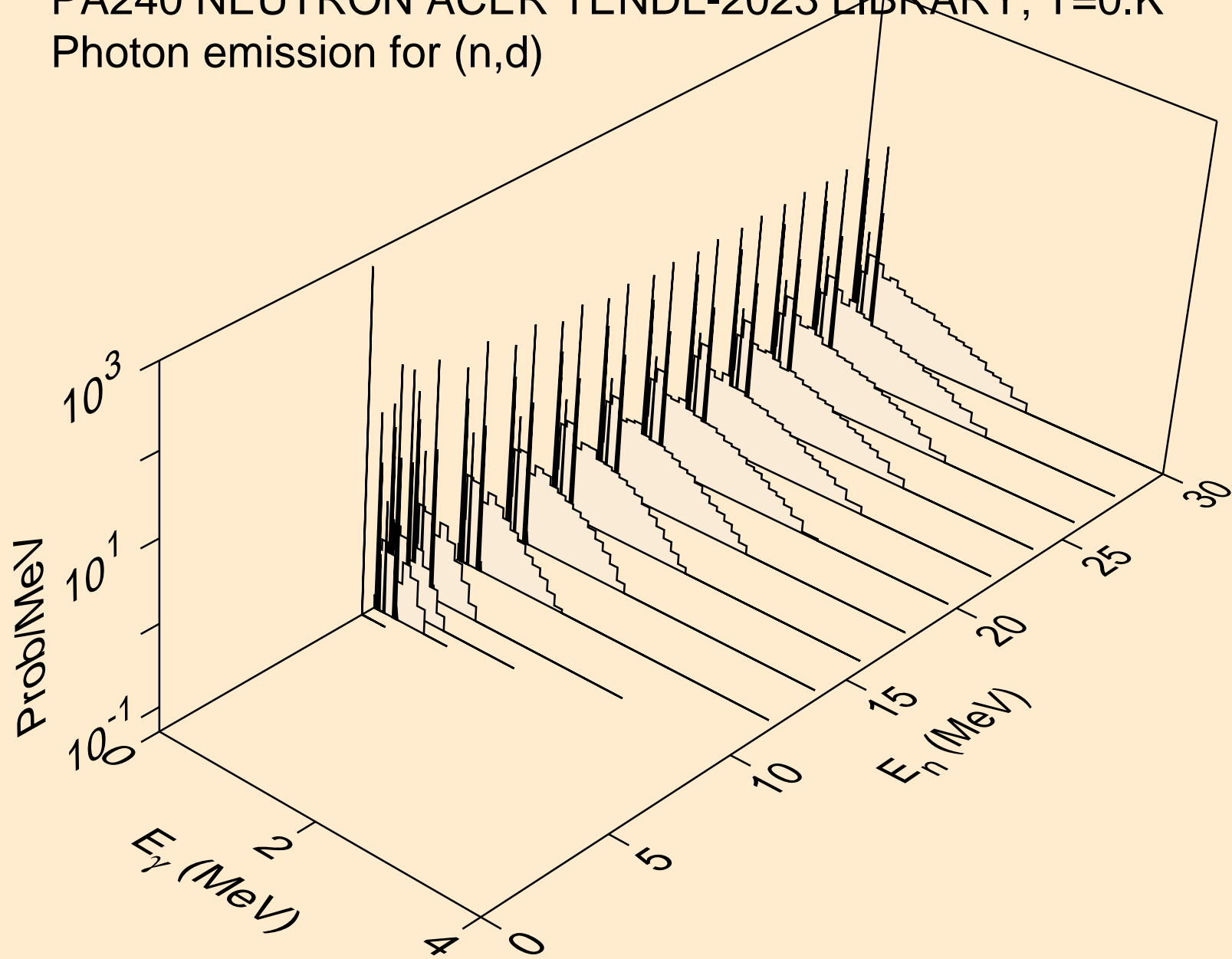
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



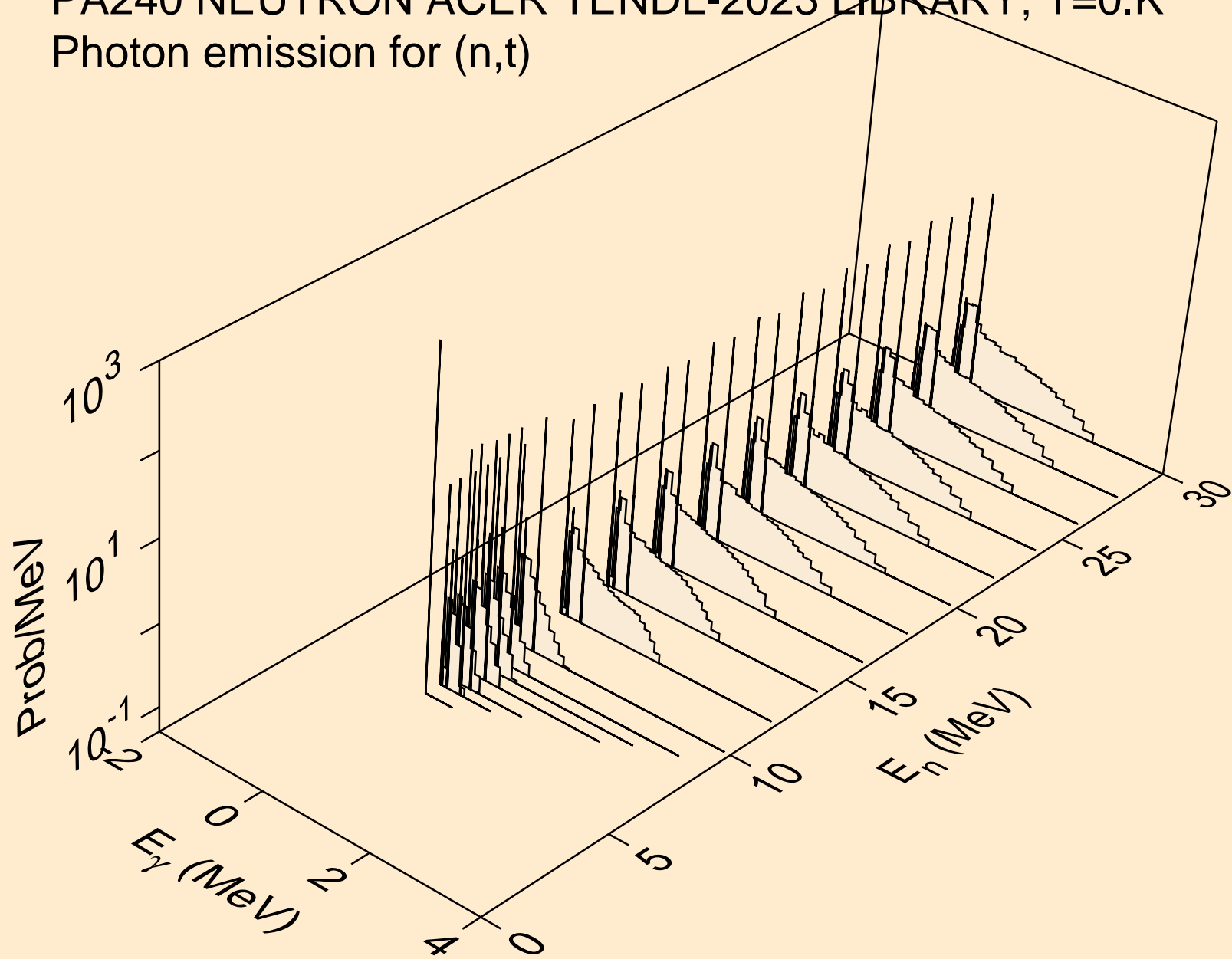
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



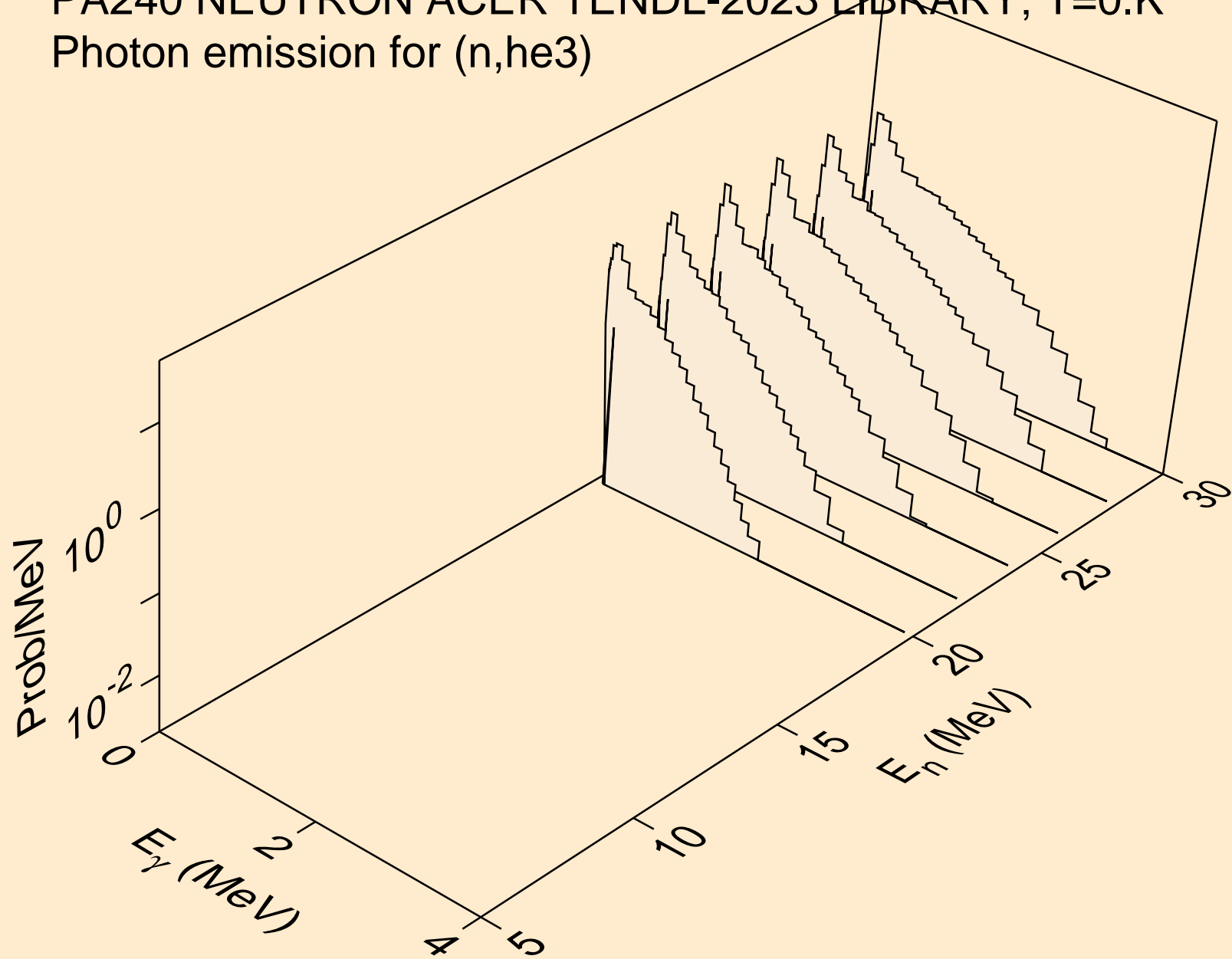
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

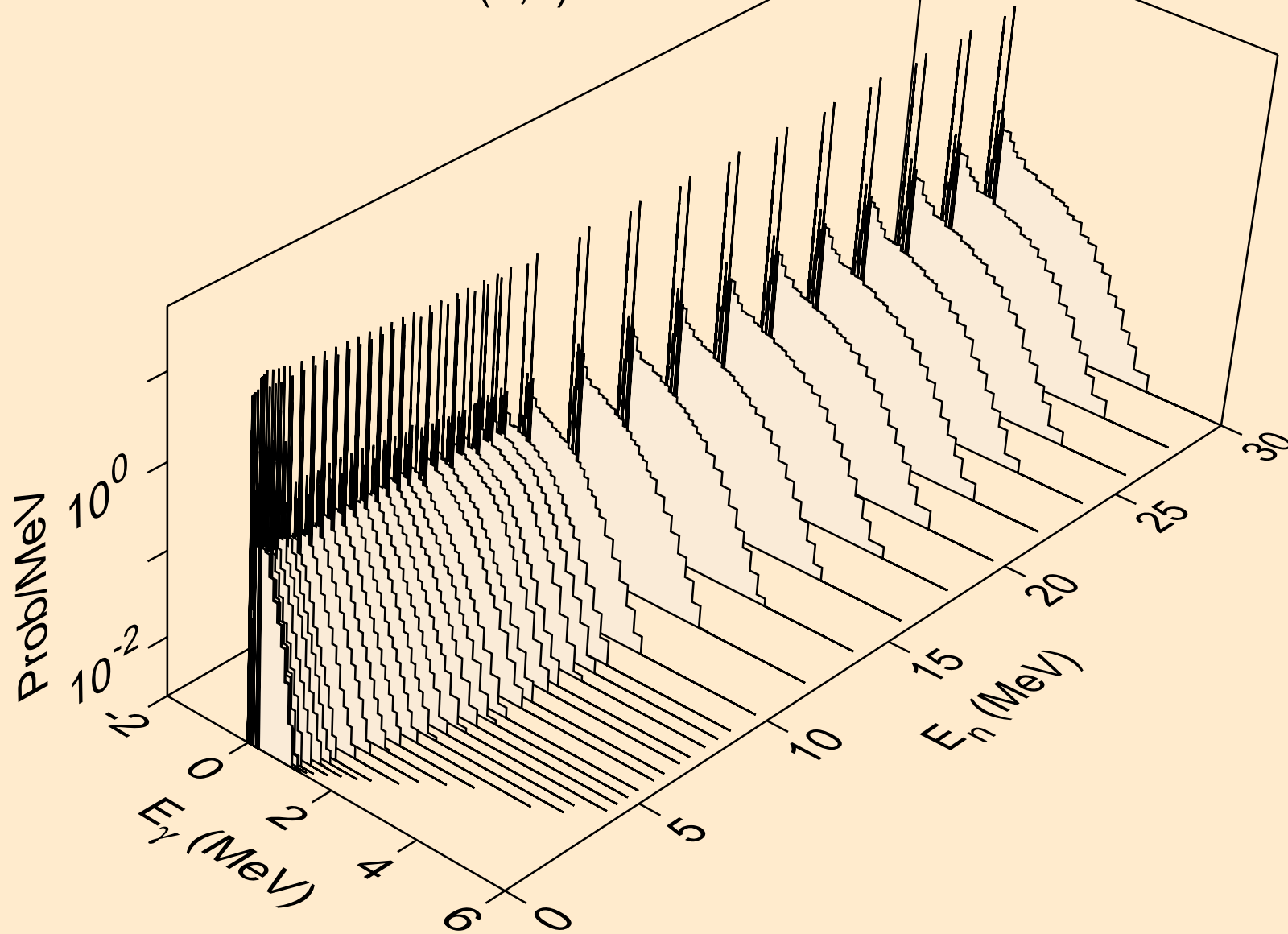


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

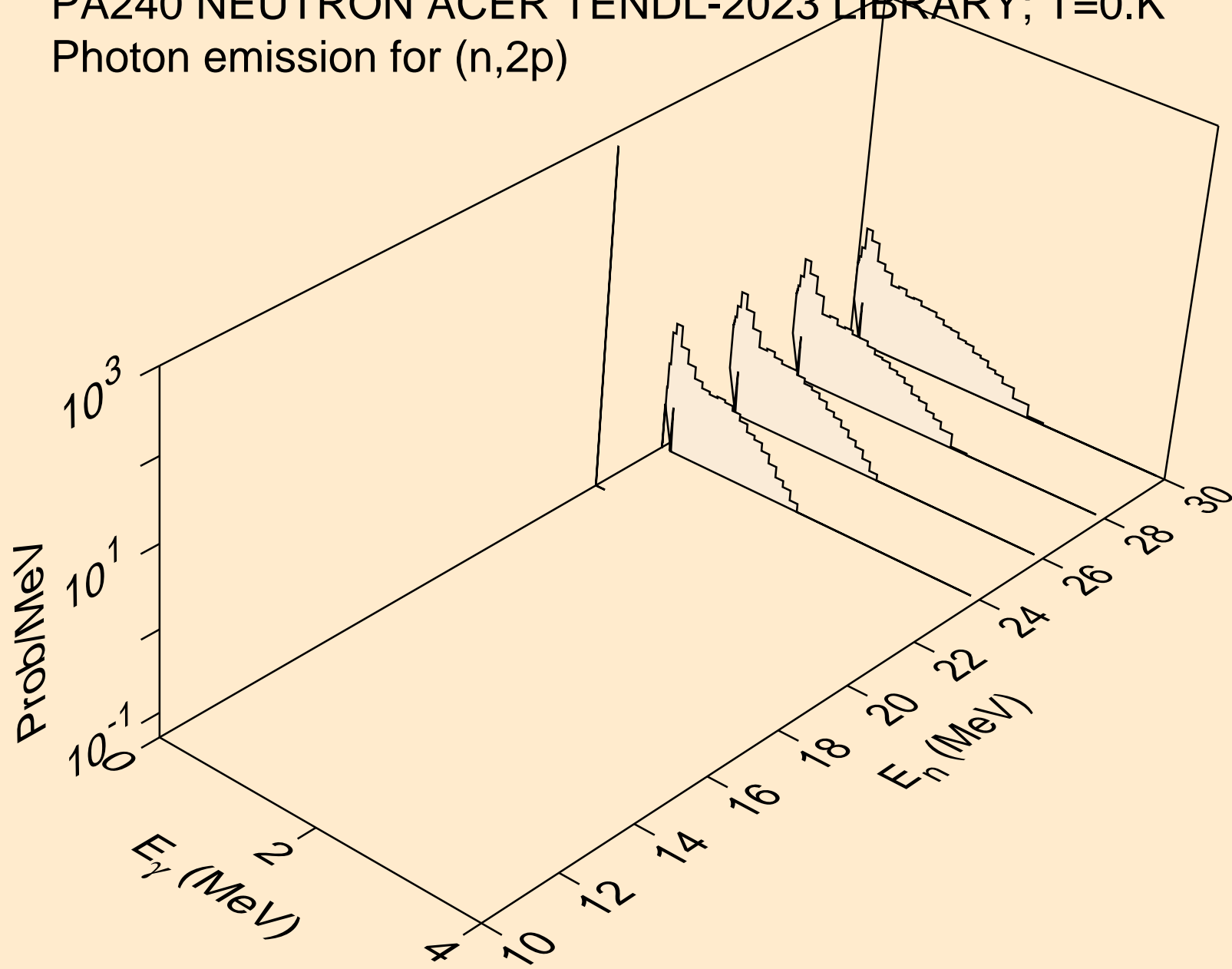




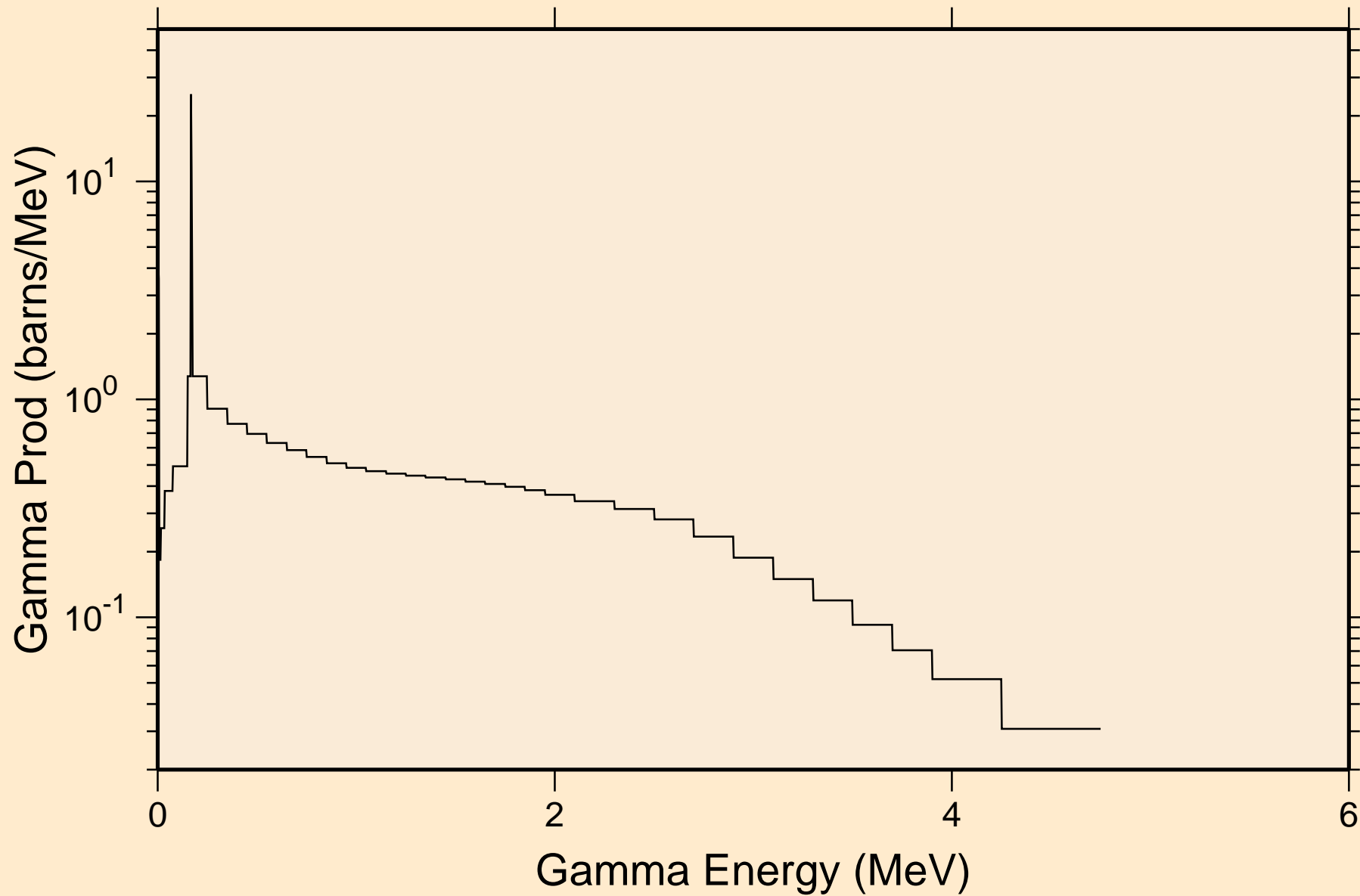
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



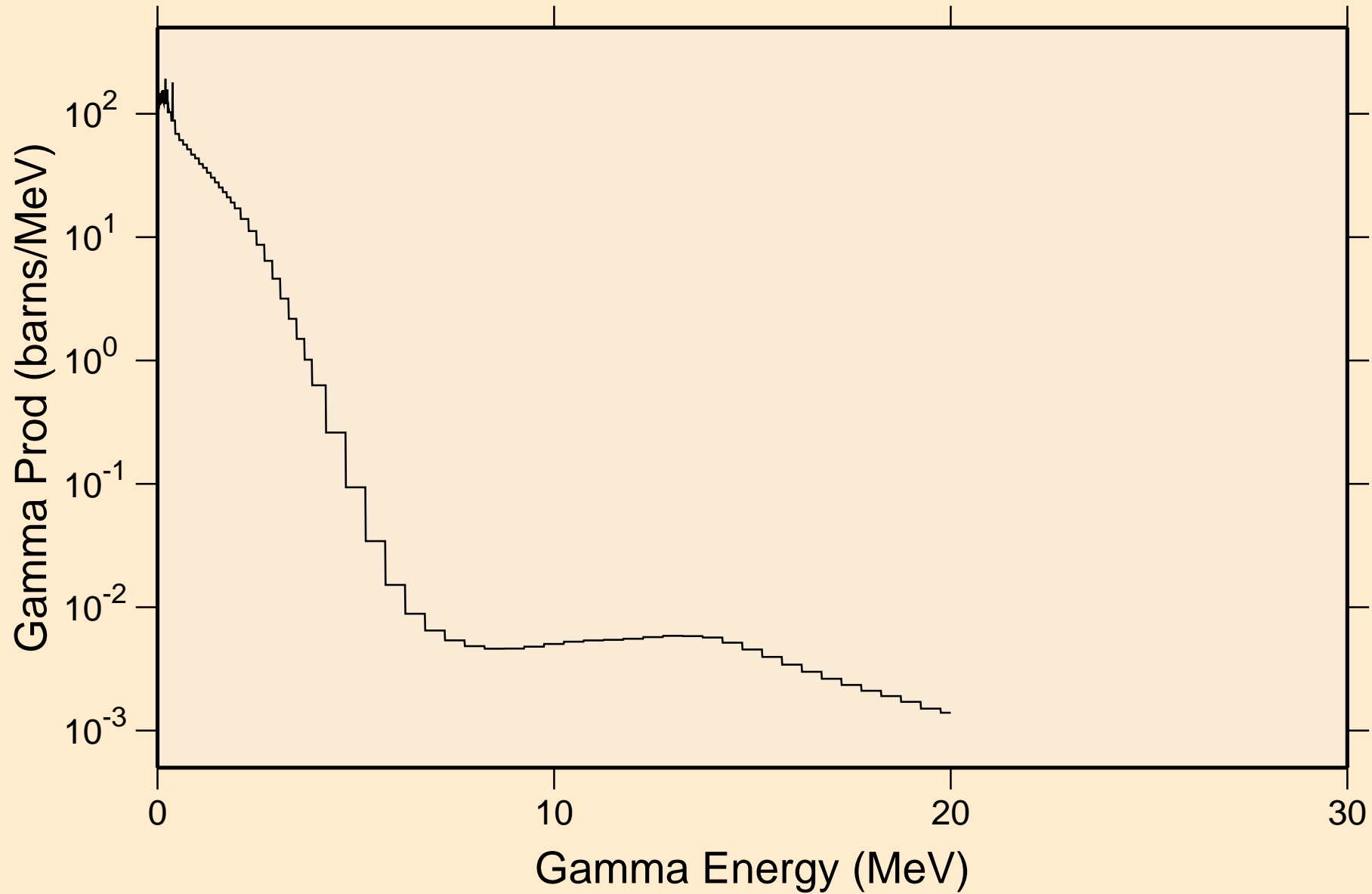
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



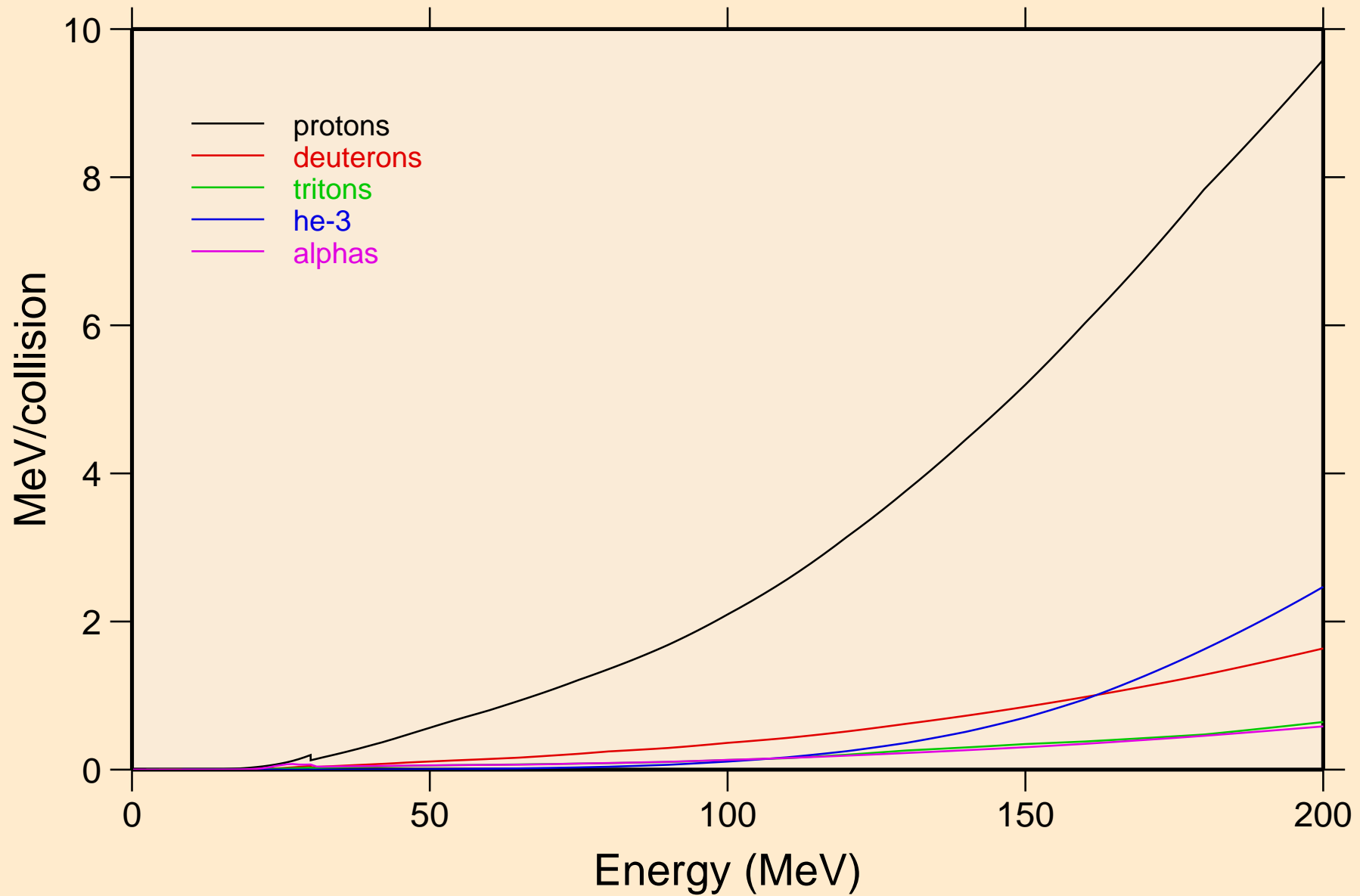
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



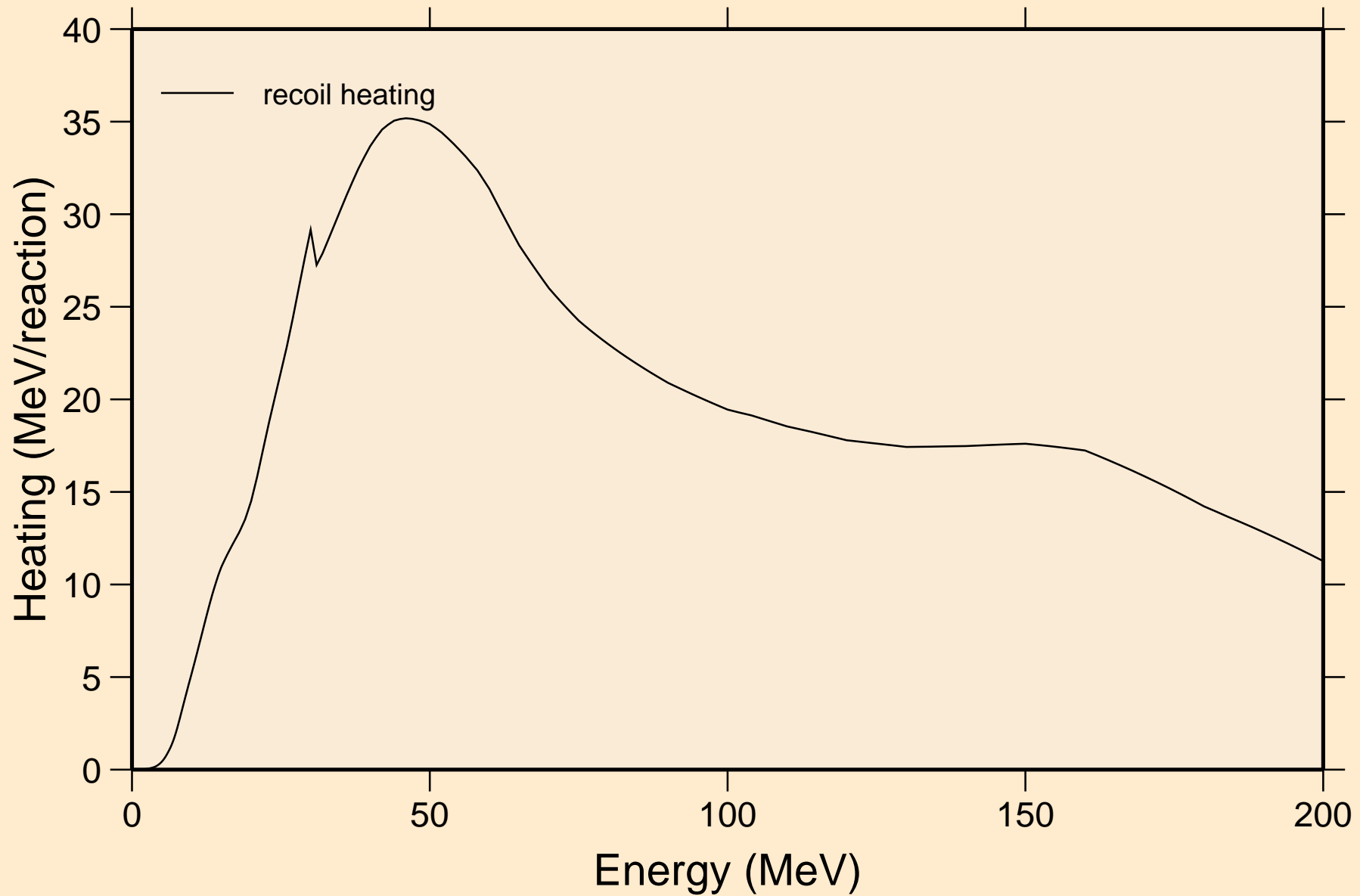
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

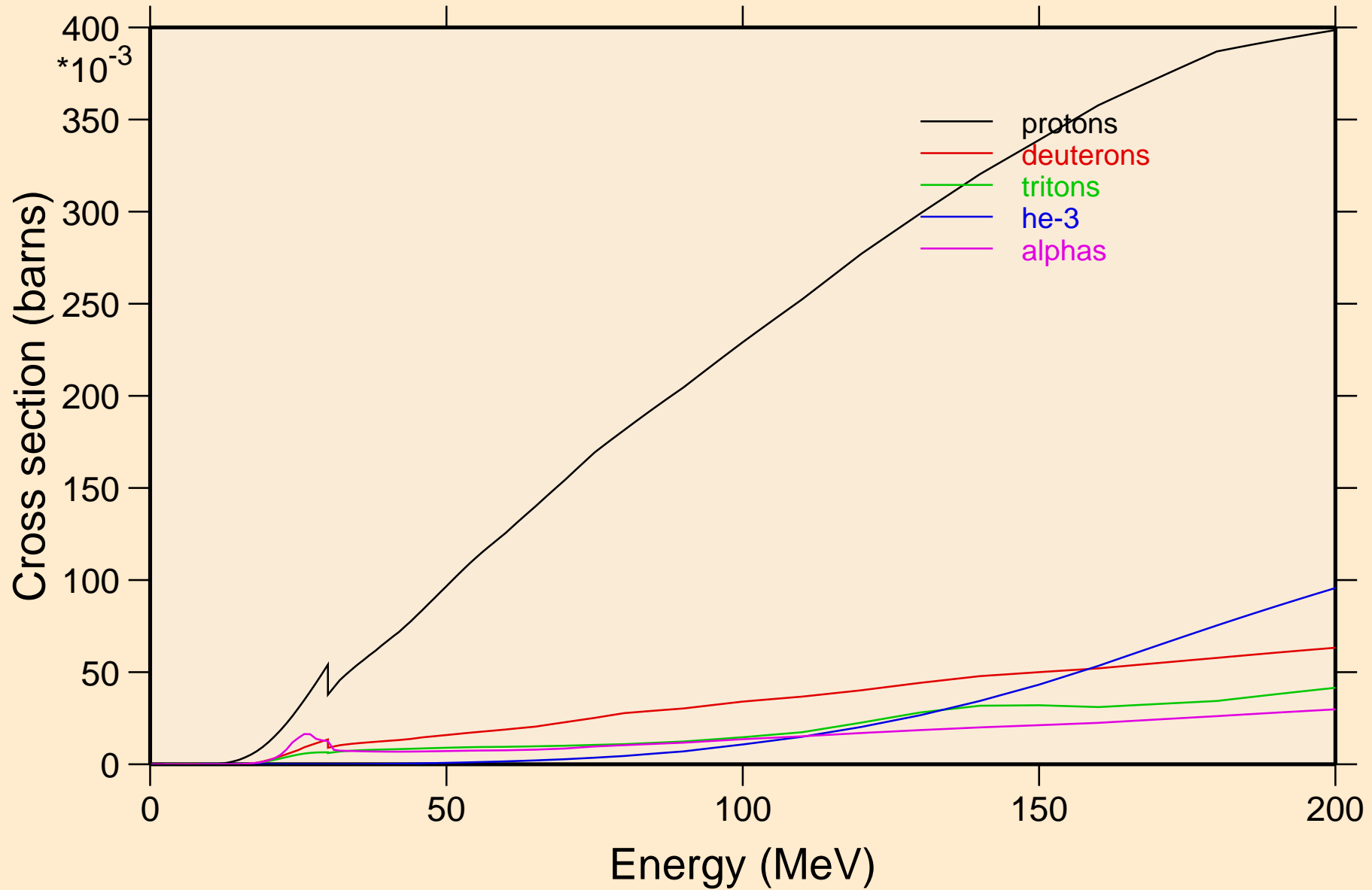


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

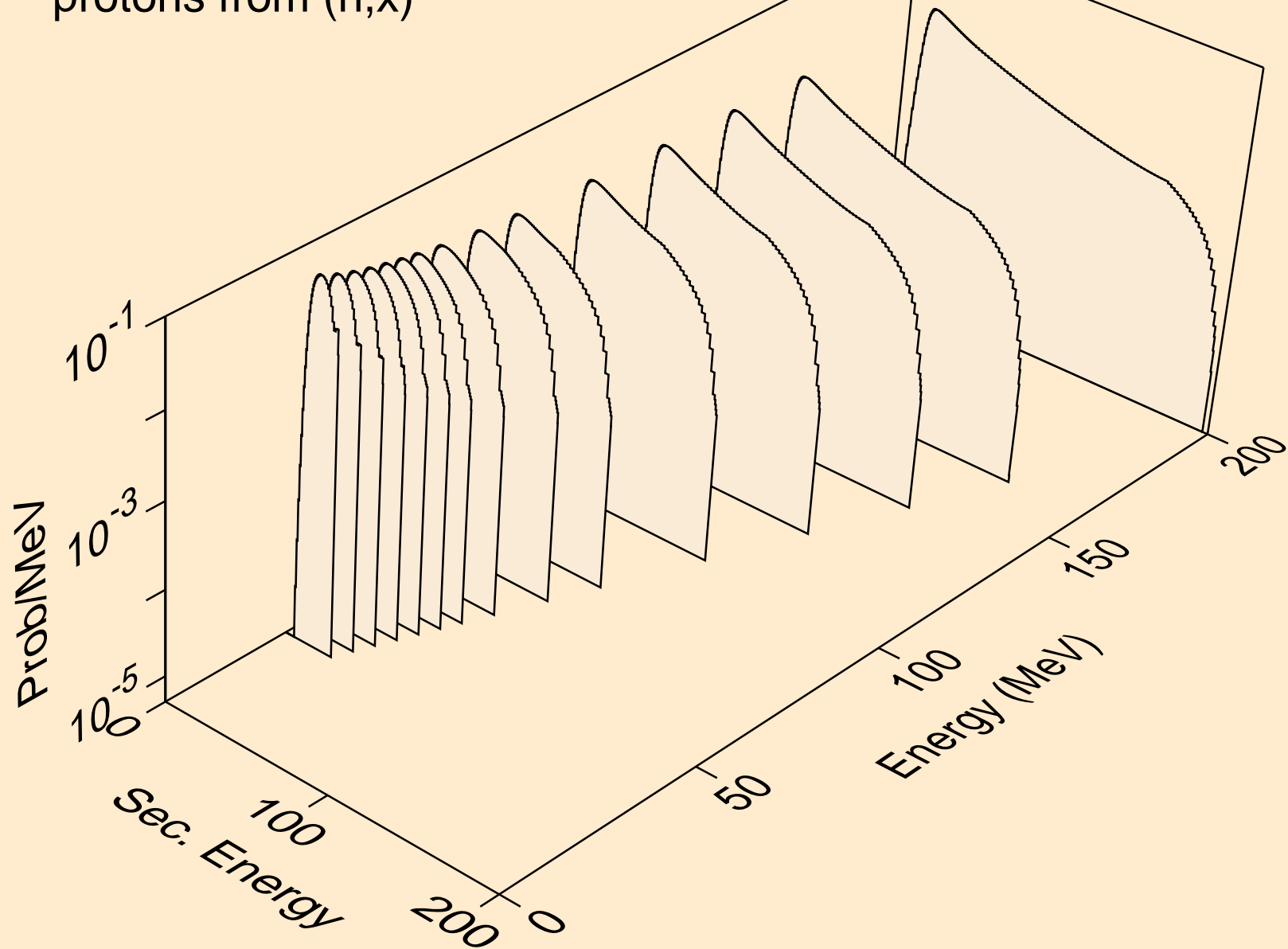


# PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

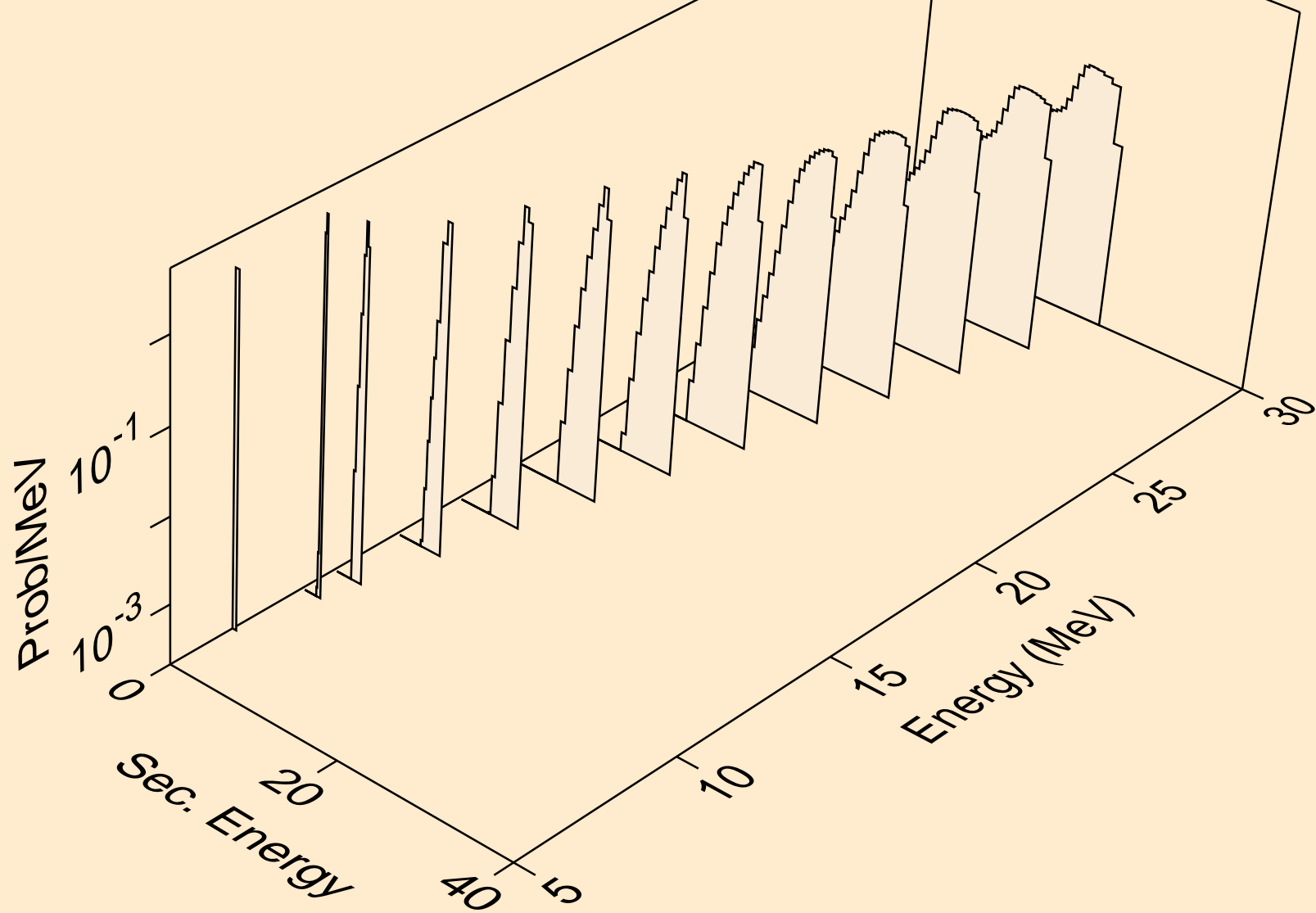


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

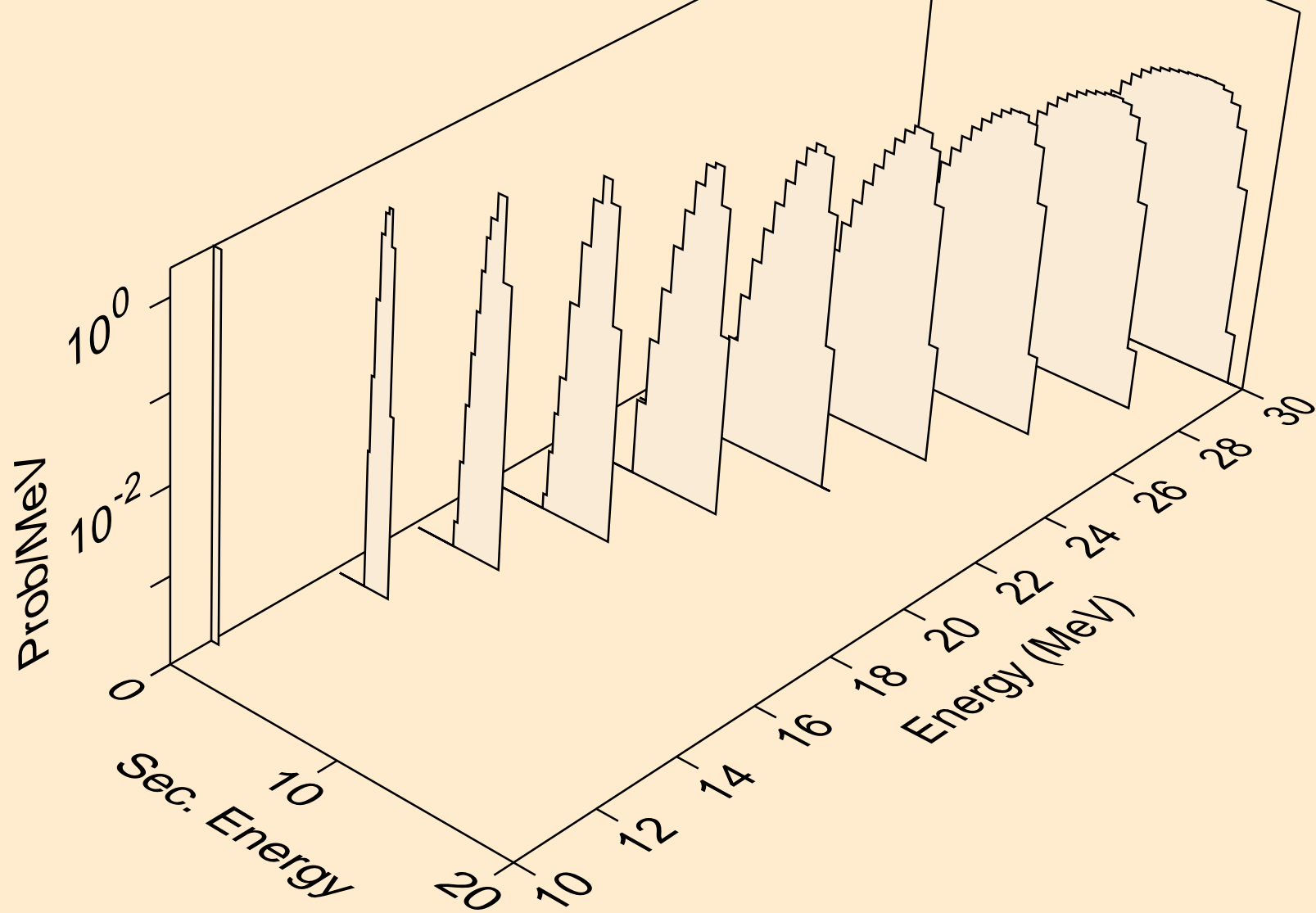




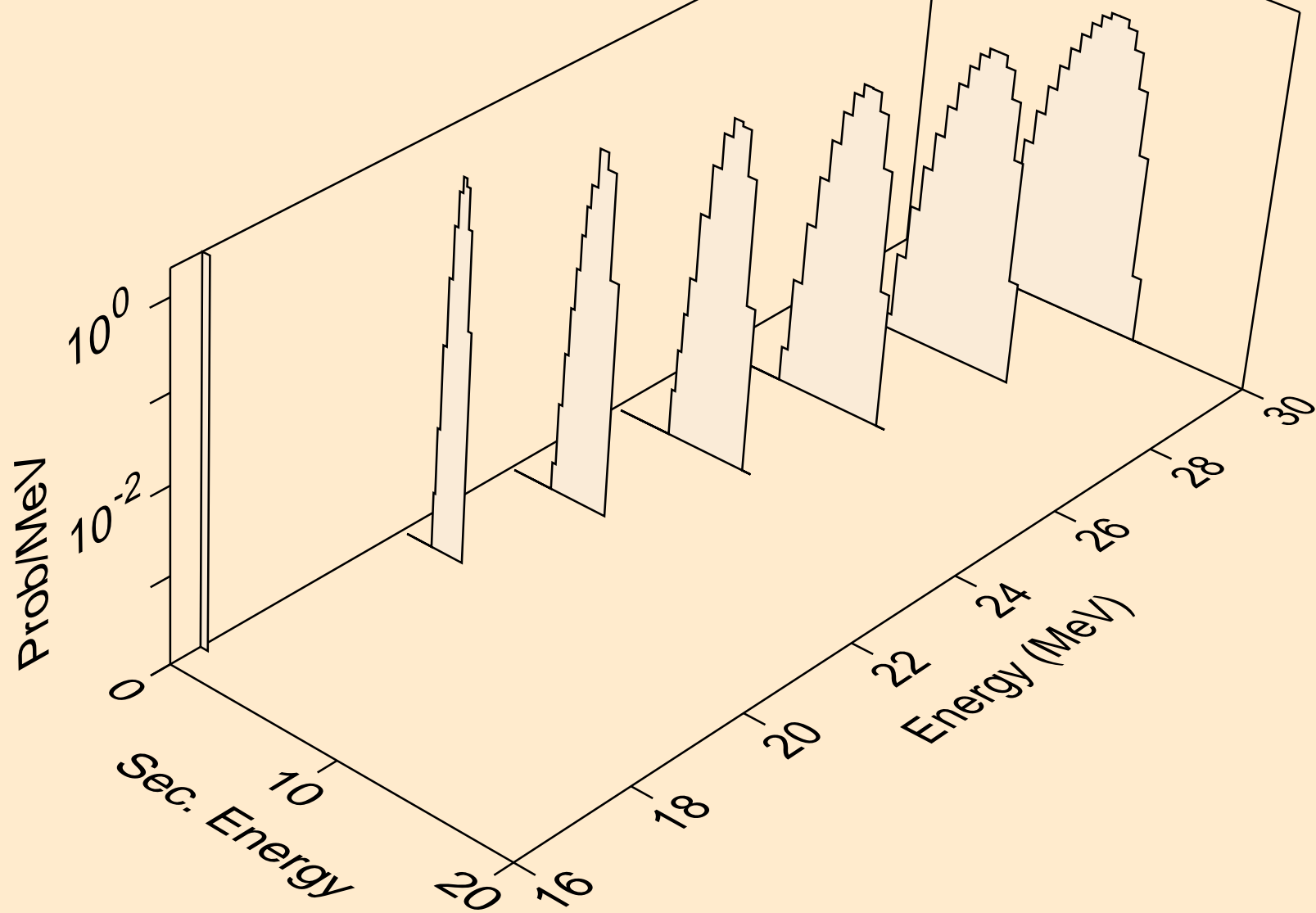
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



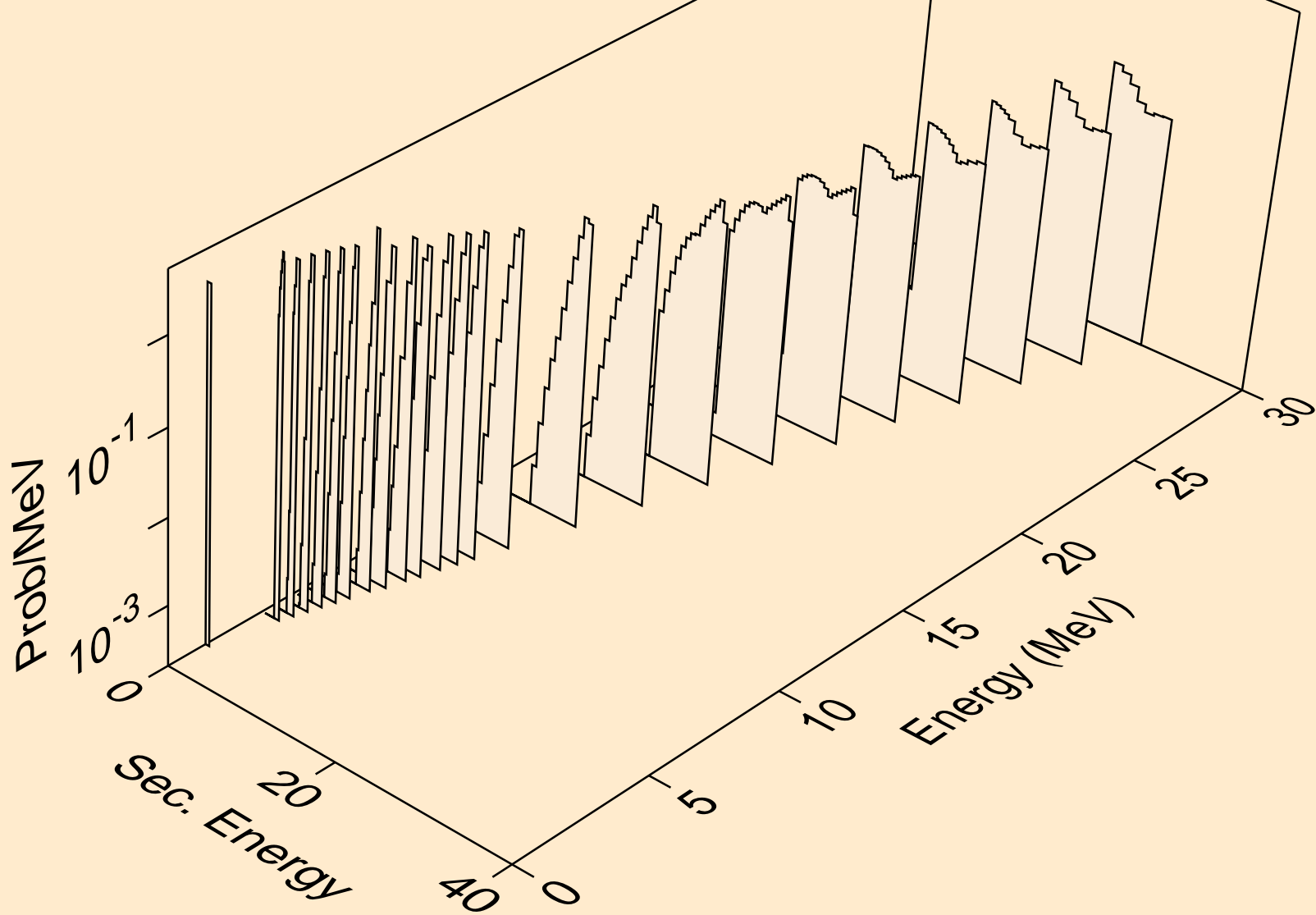
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



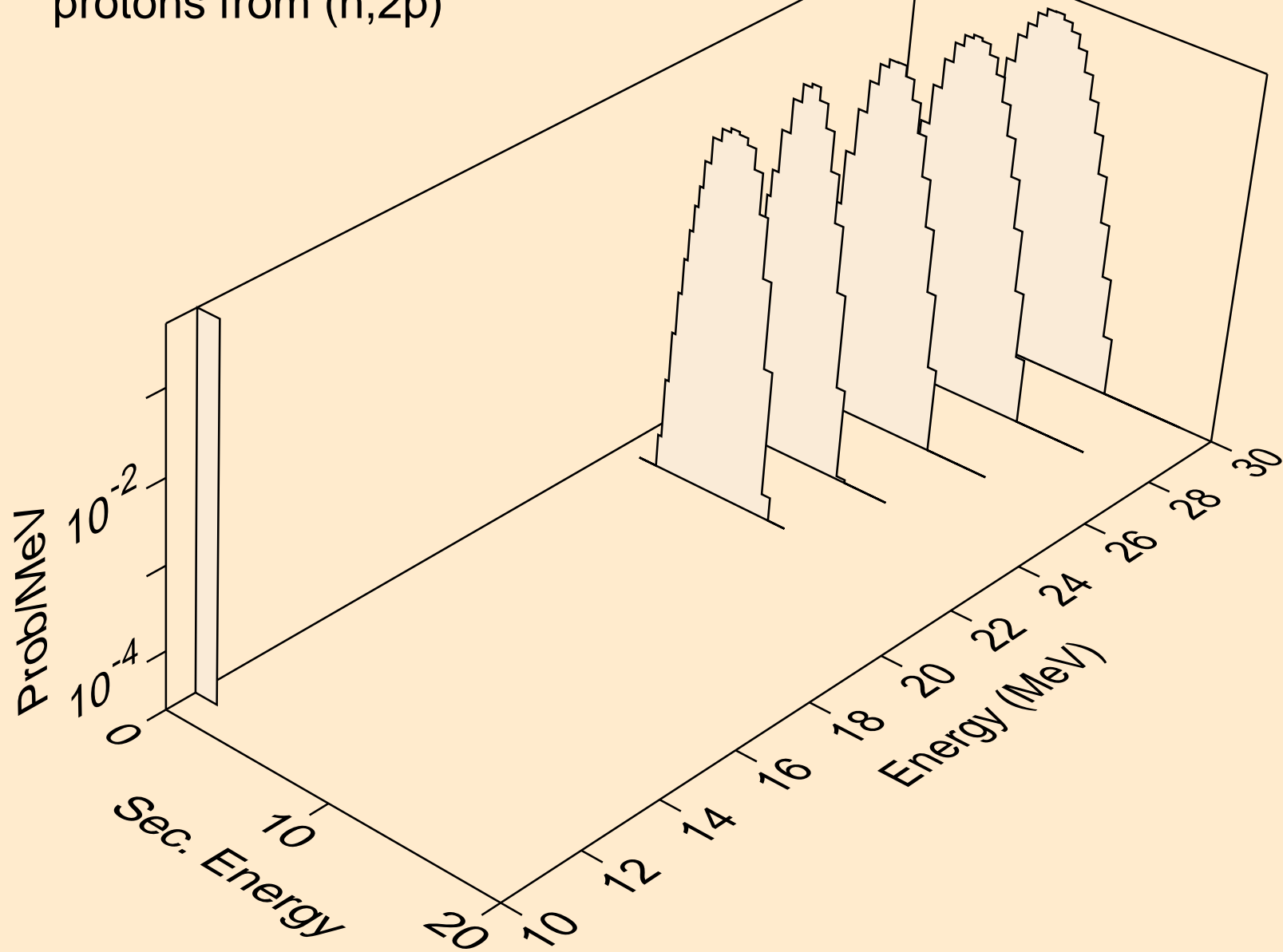
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protons from (n,3np)



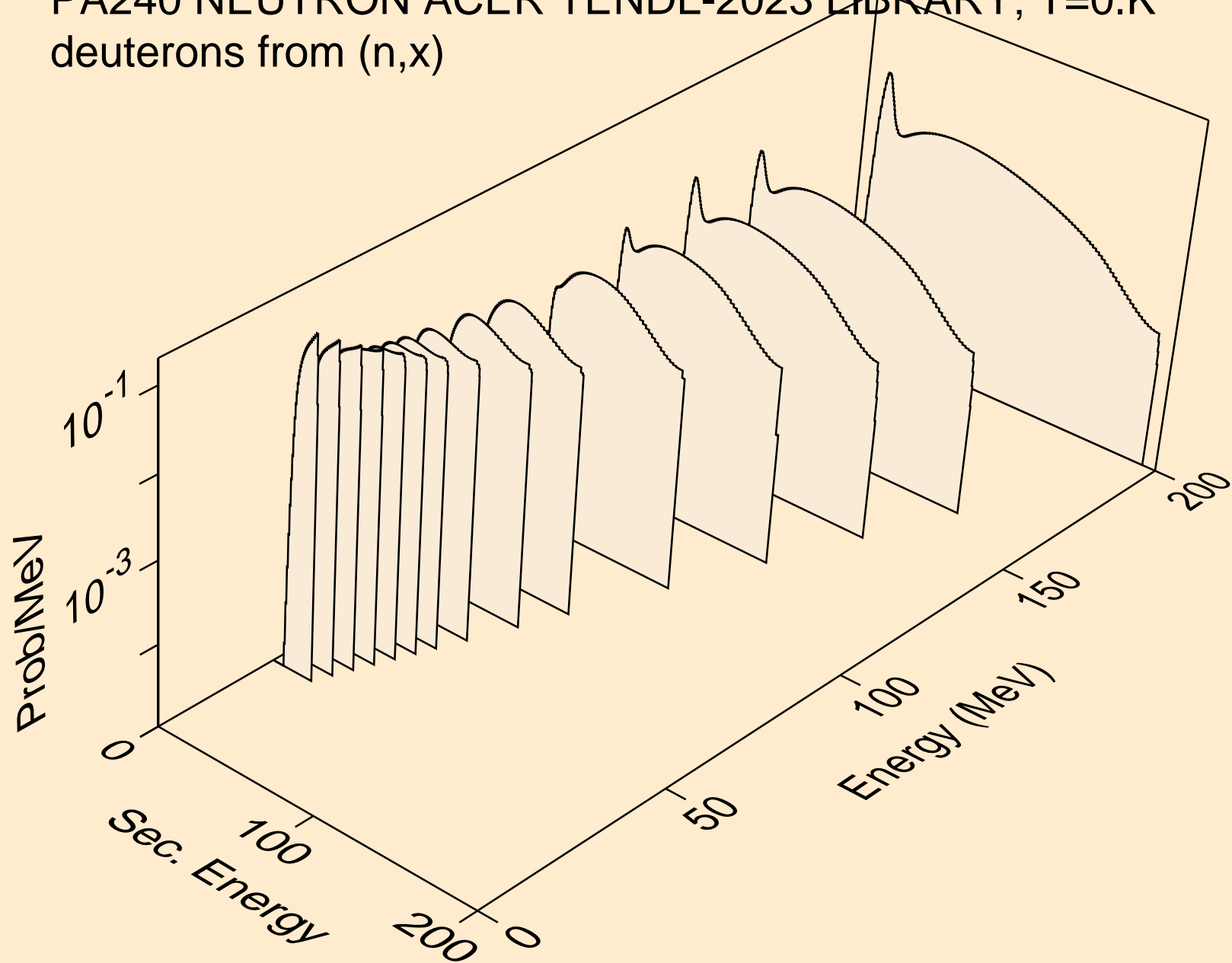
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protons from (n,p)



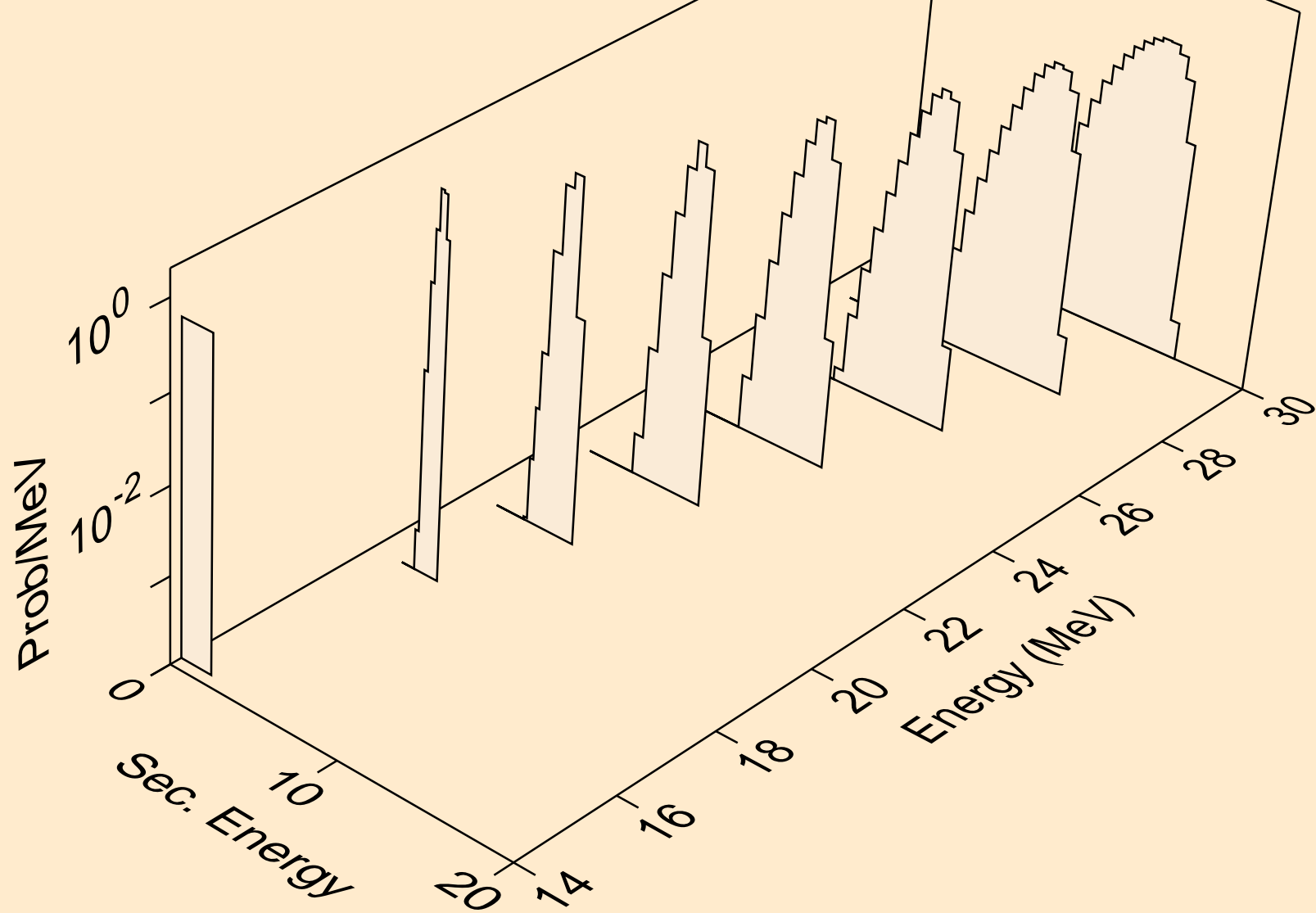
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protons from (n,2p)



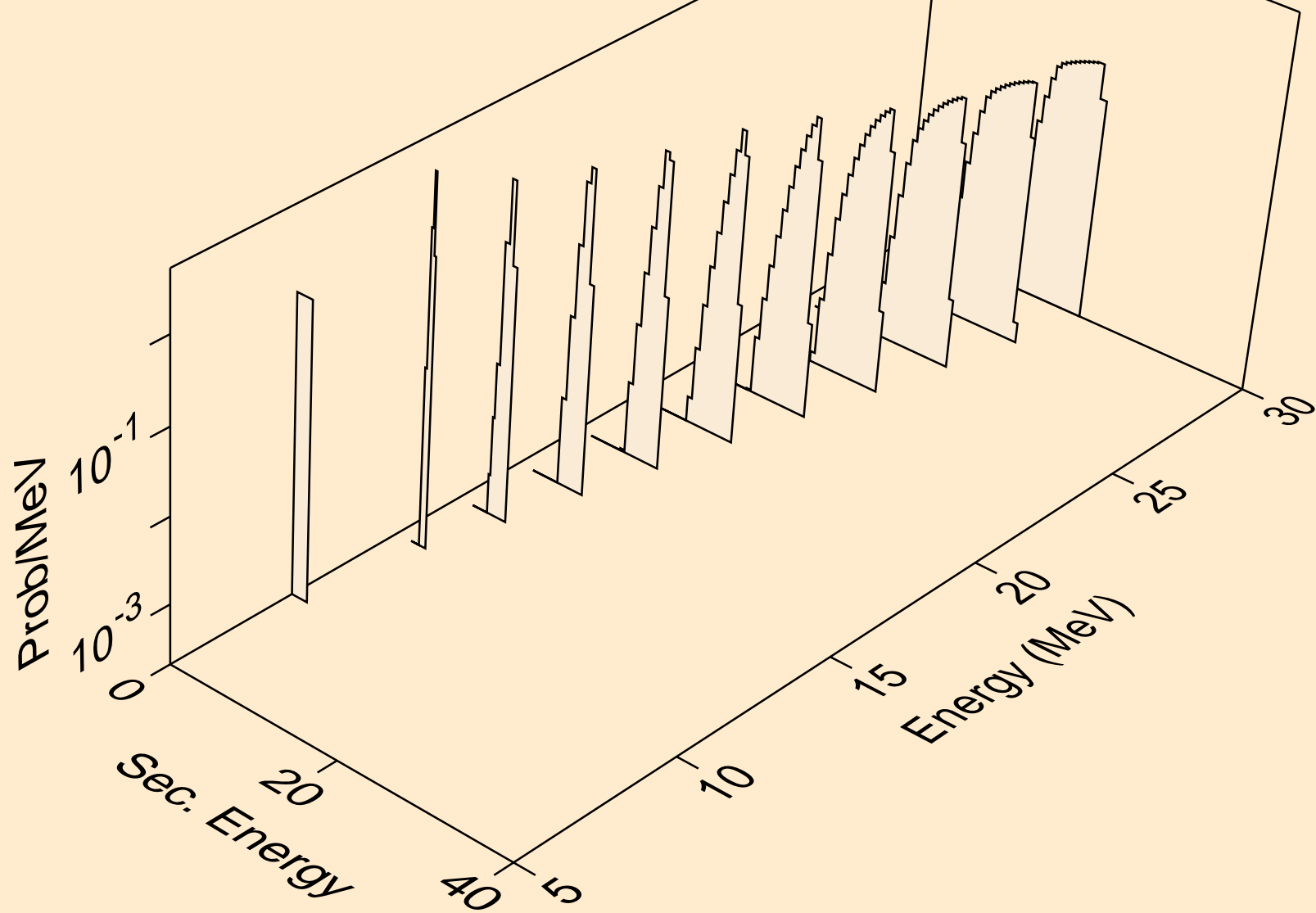
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

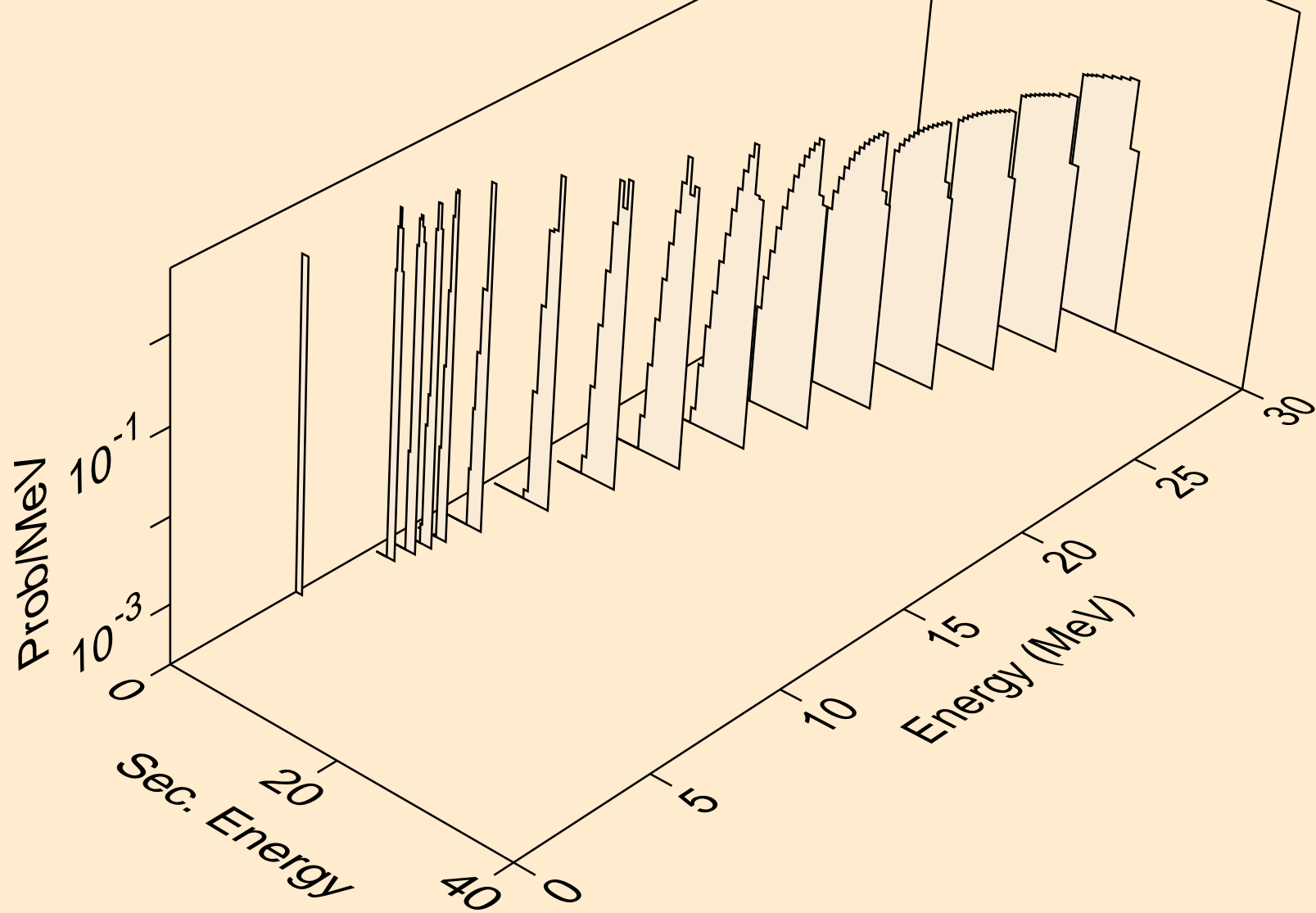


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

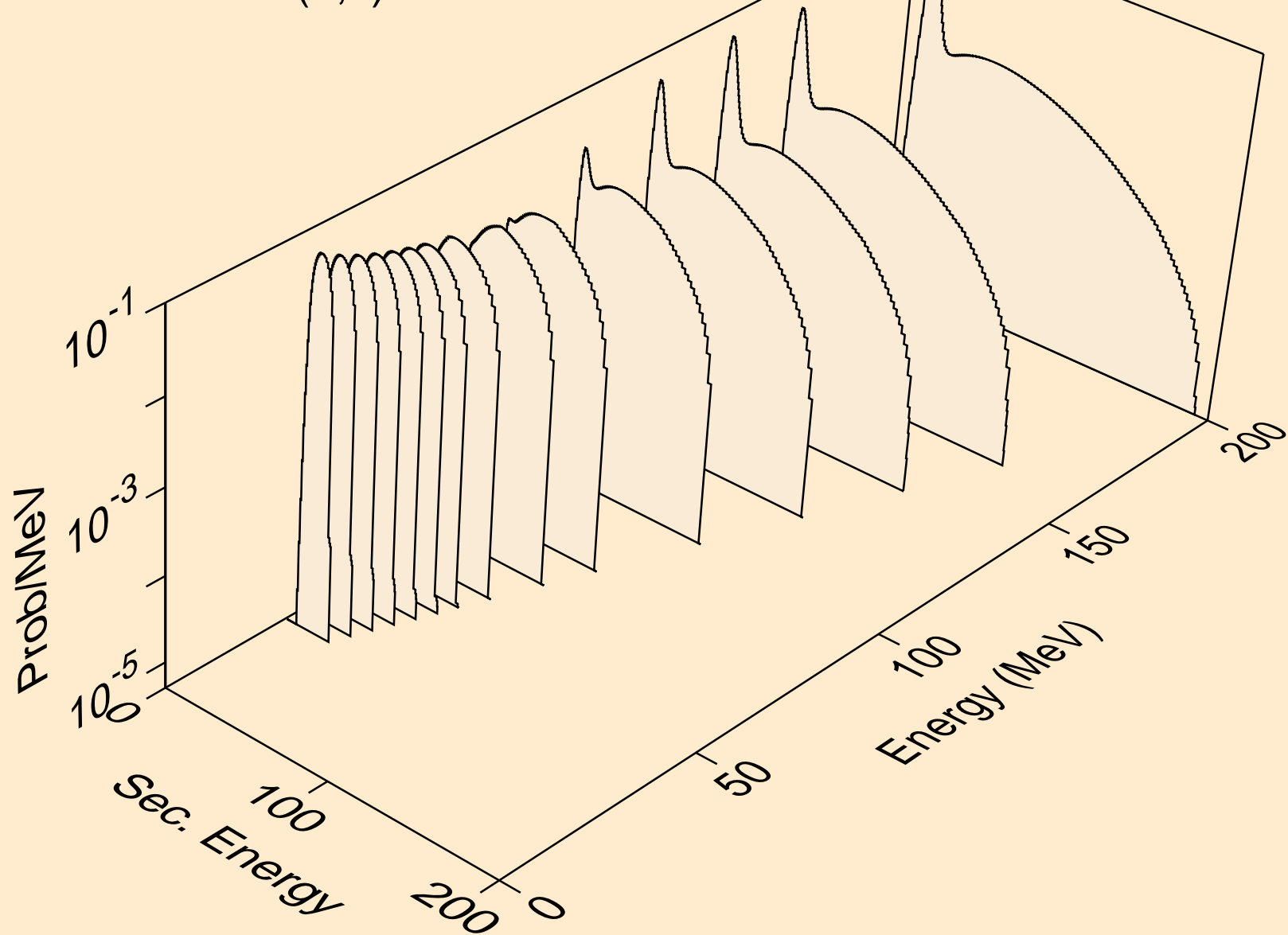




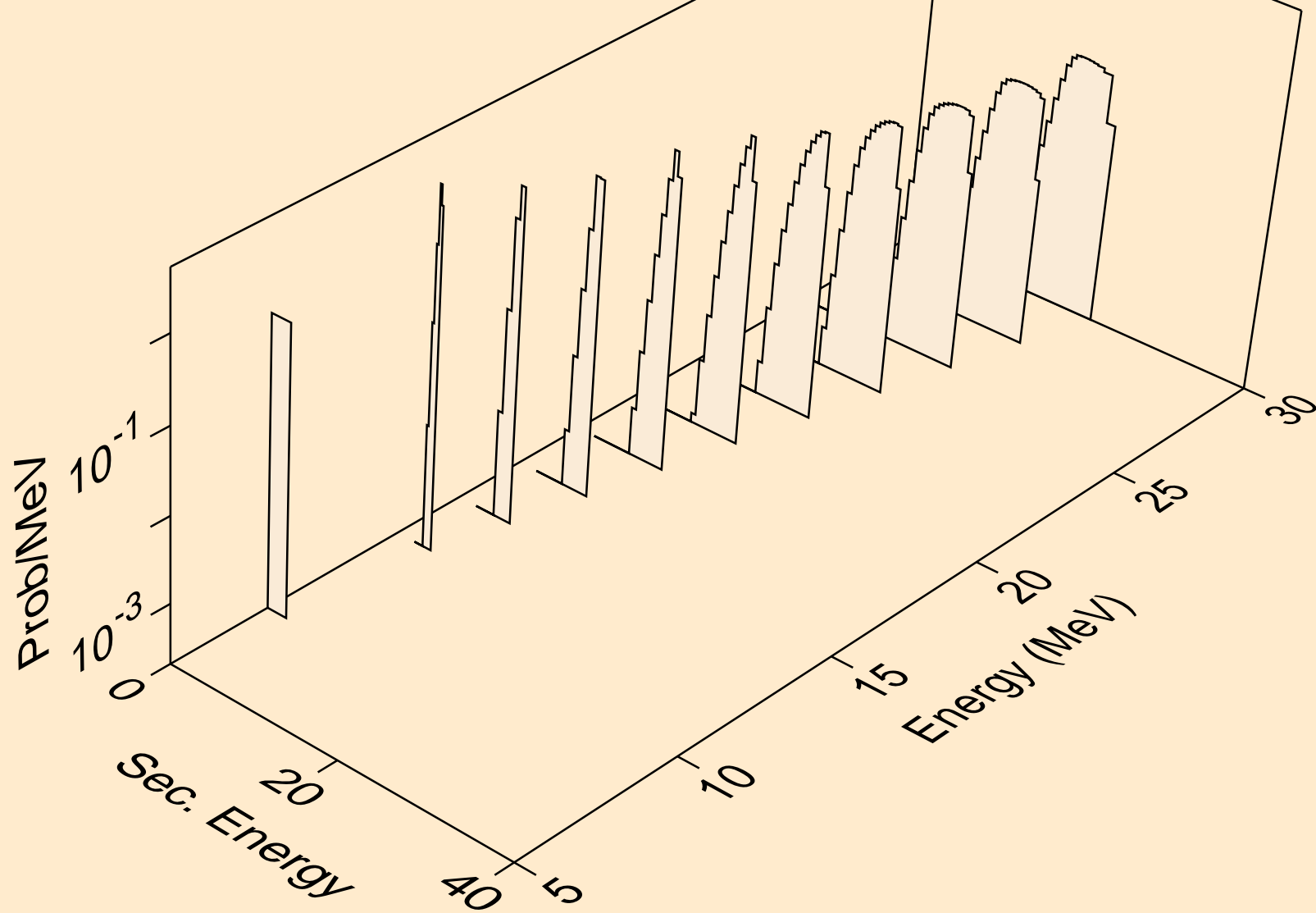
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deuterons from (n,d)



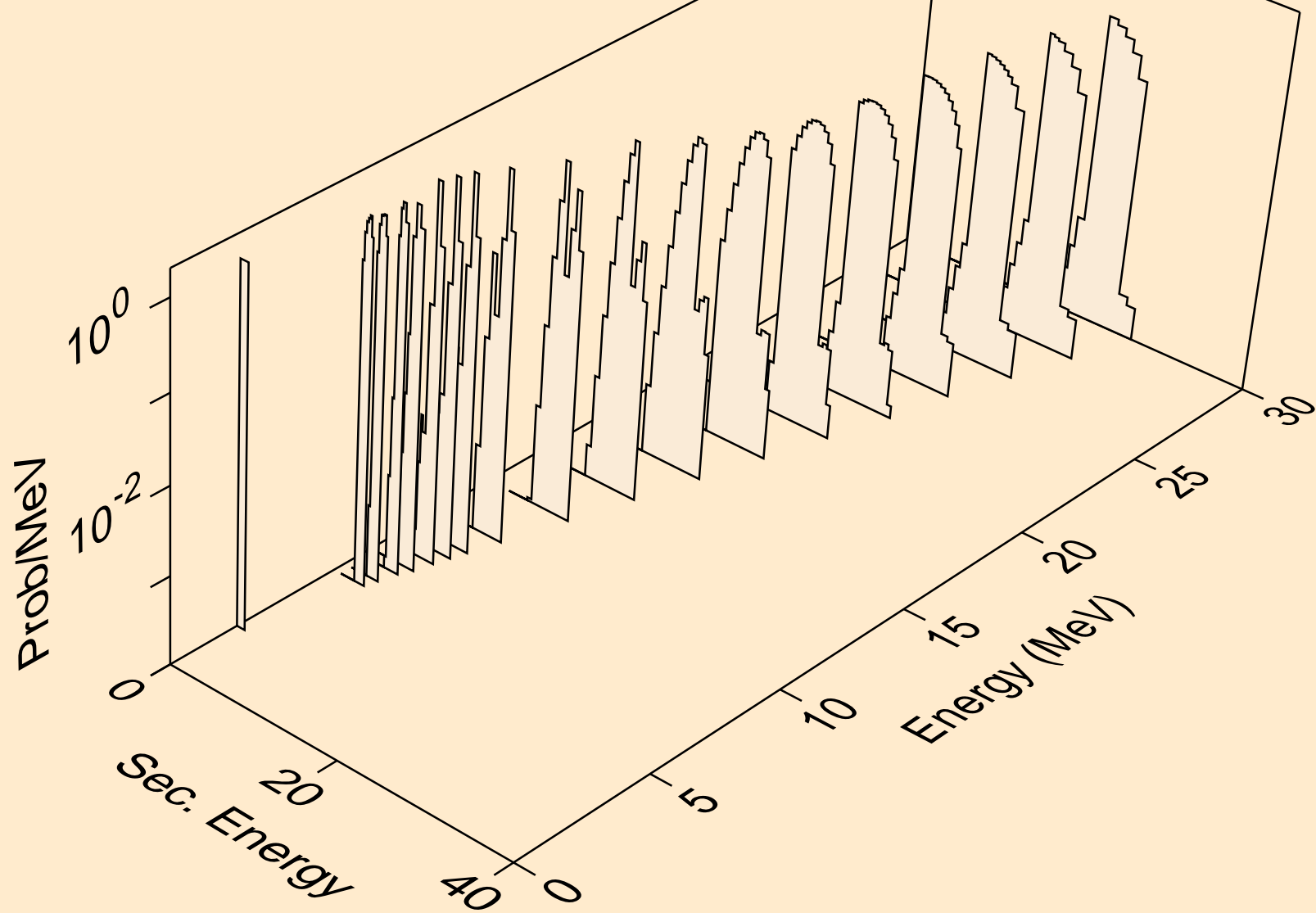
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



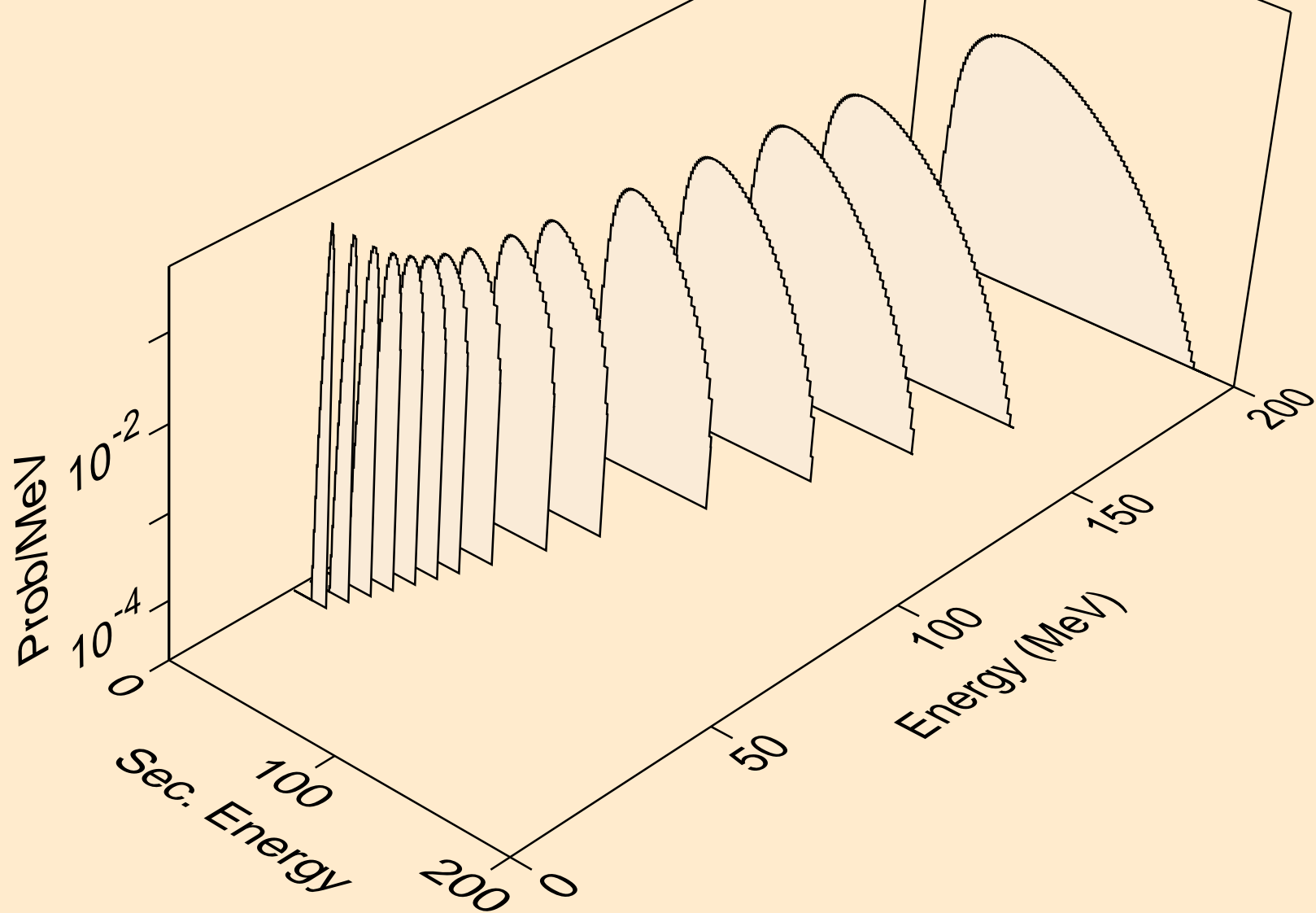
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



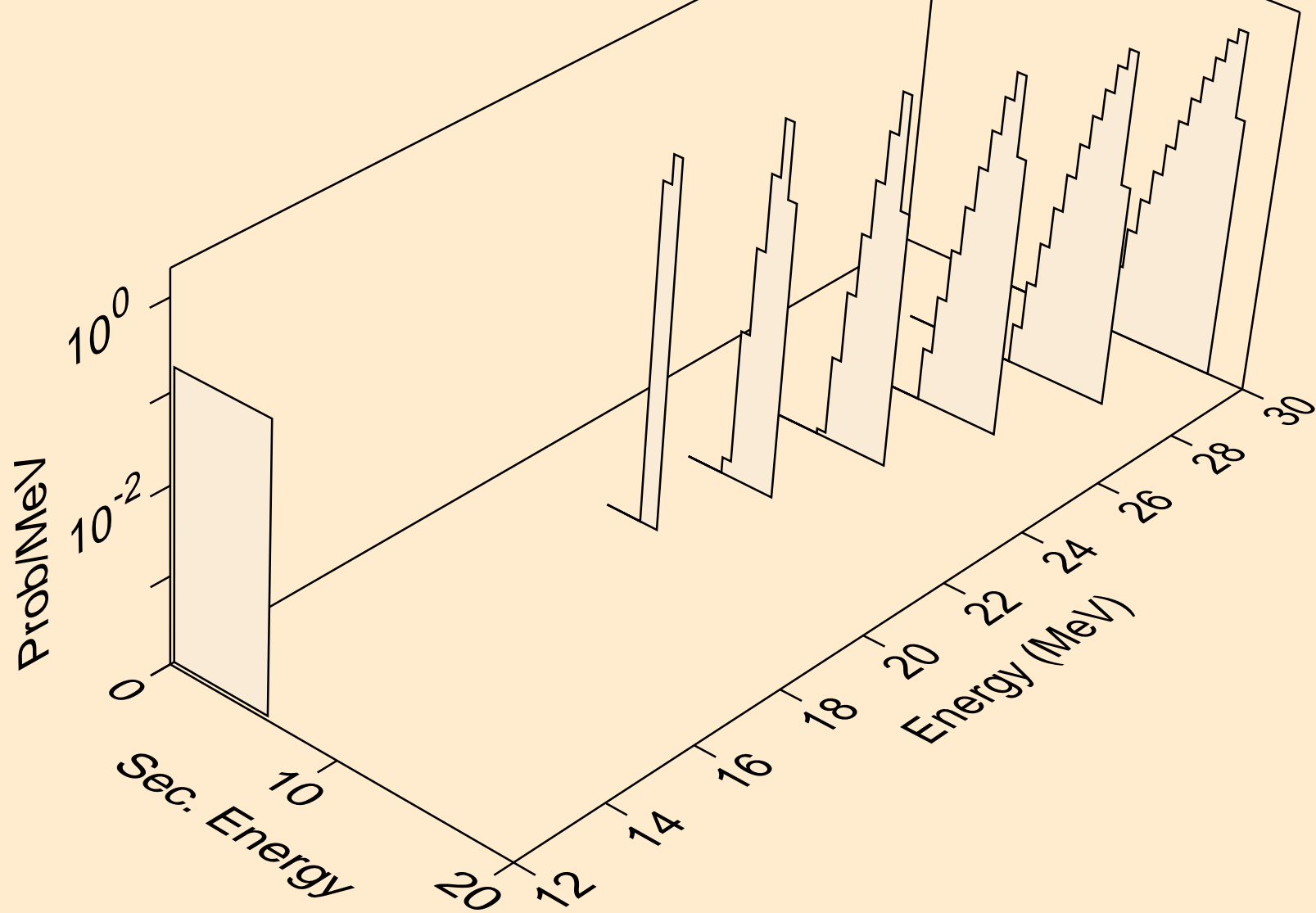
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



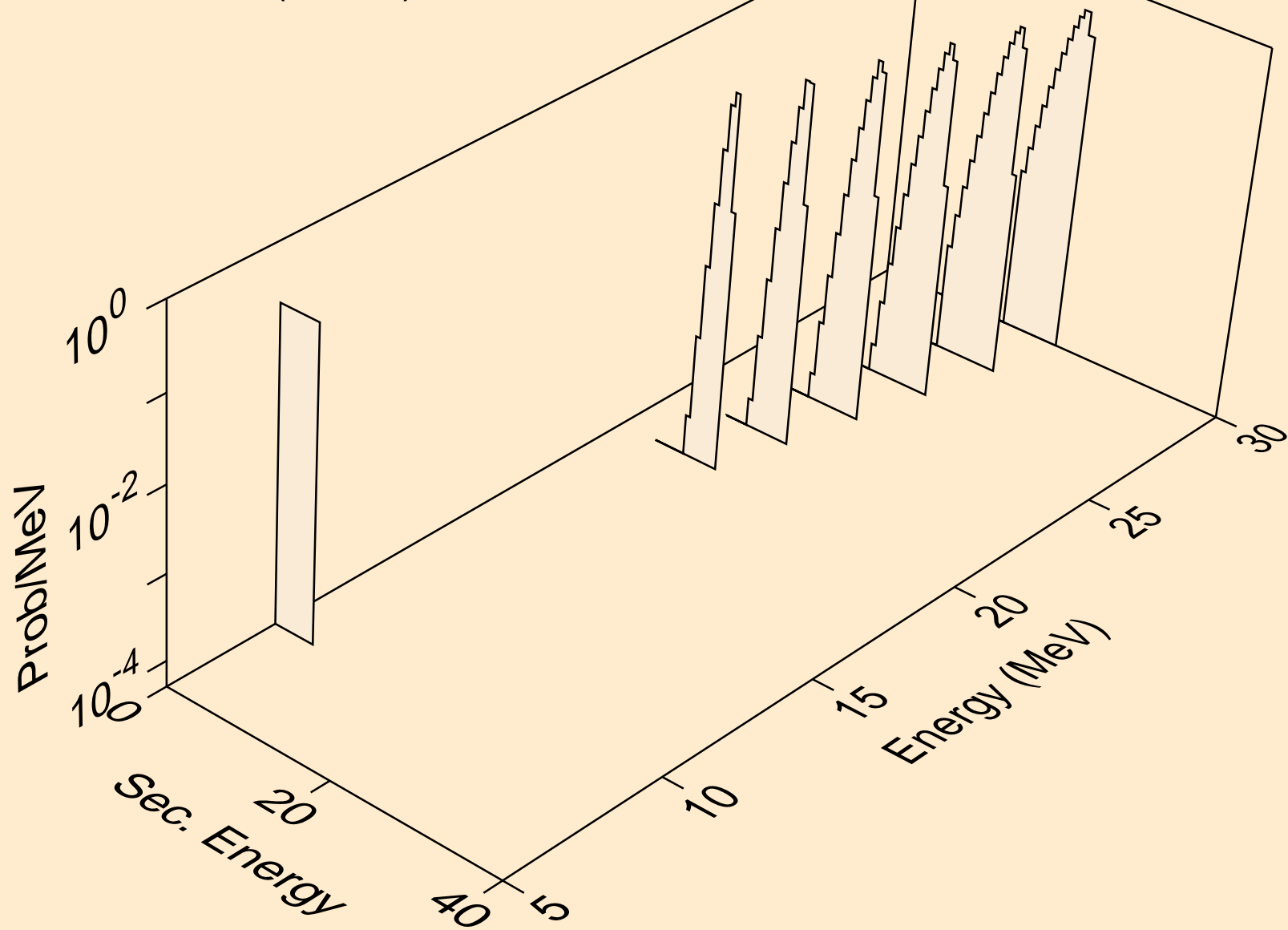
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



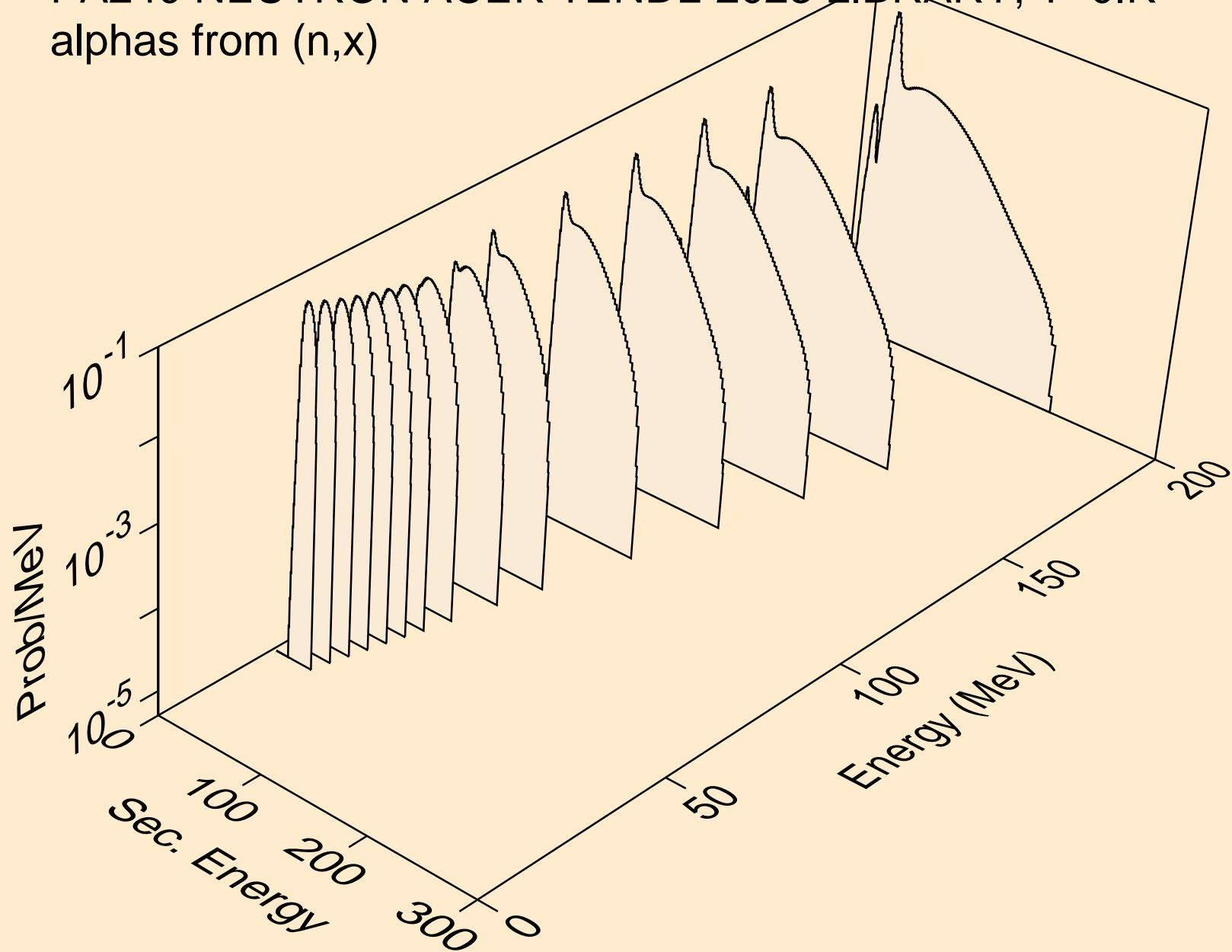
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

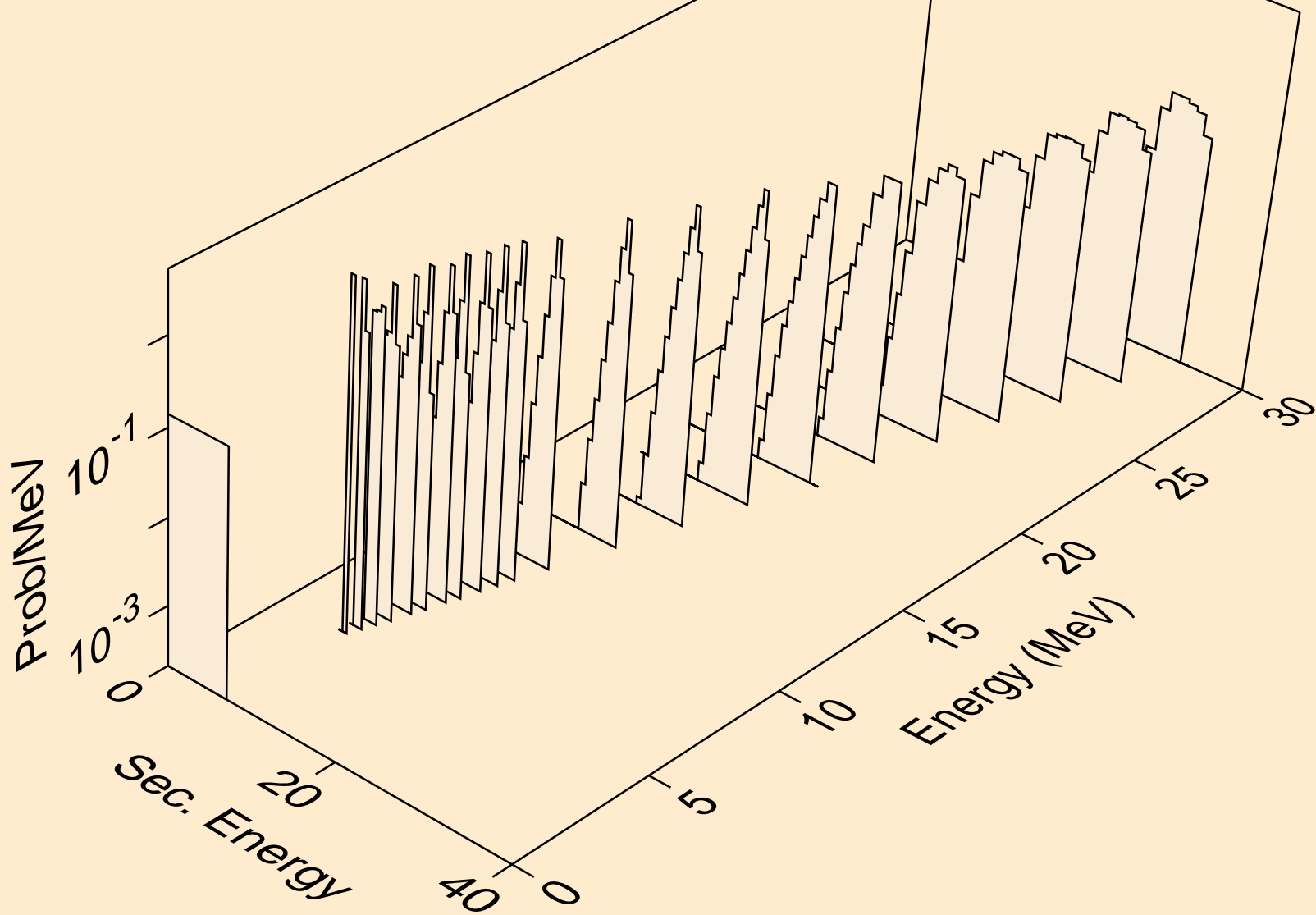


PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

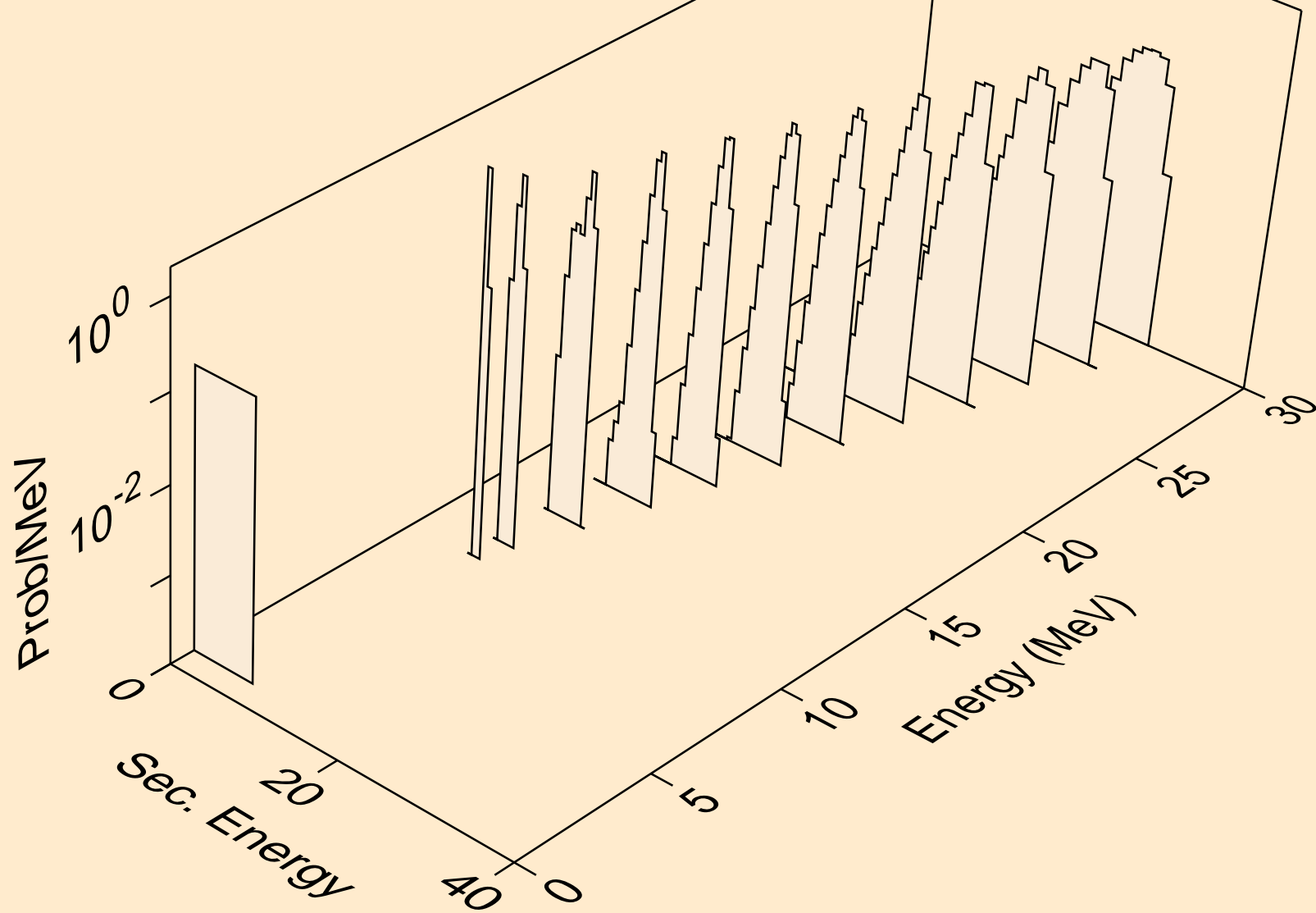




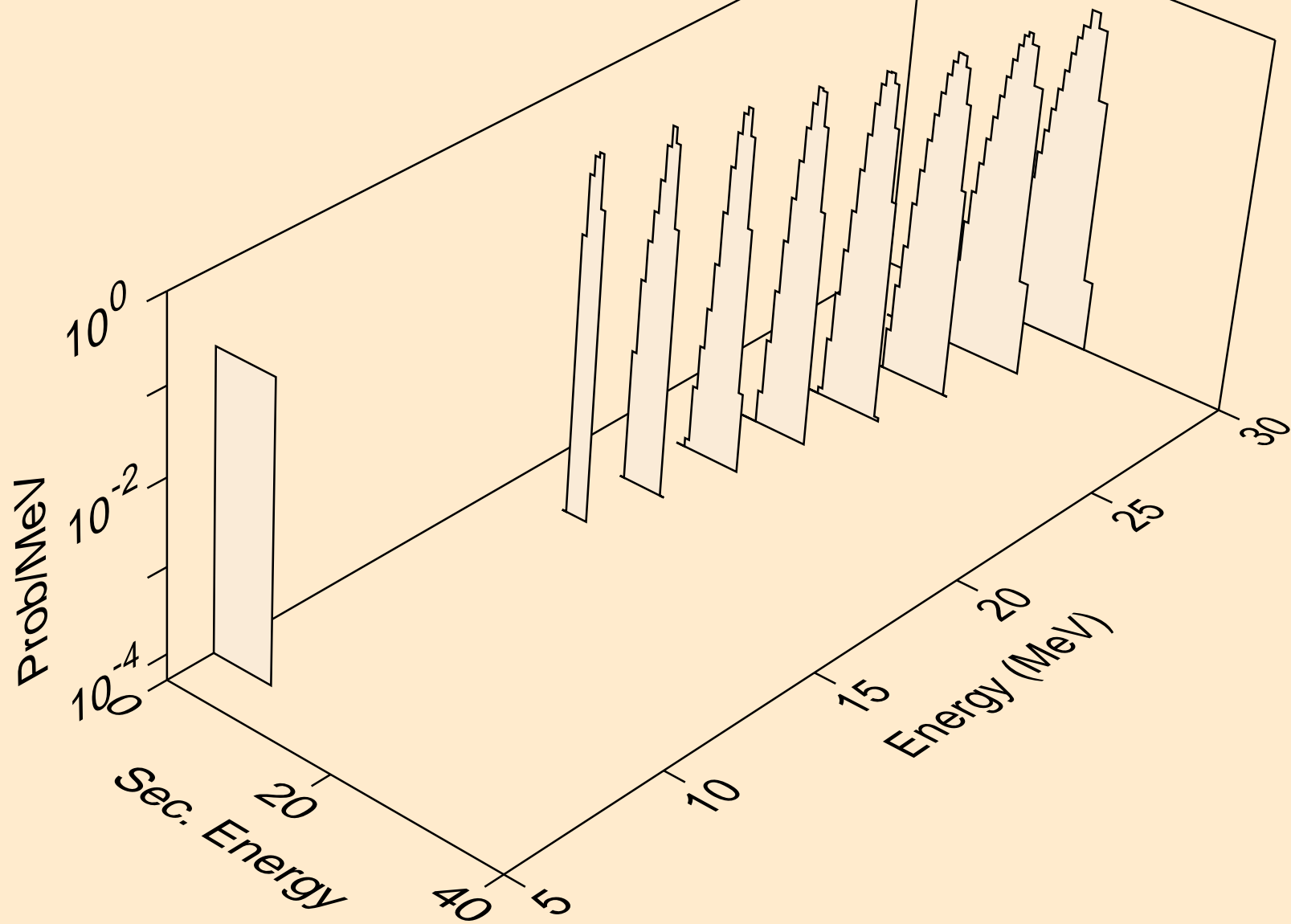
PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



PA240 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

