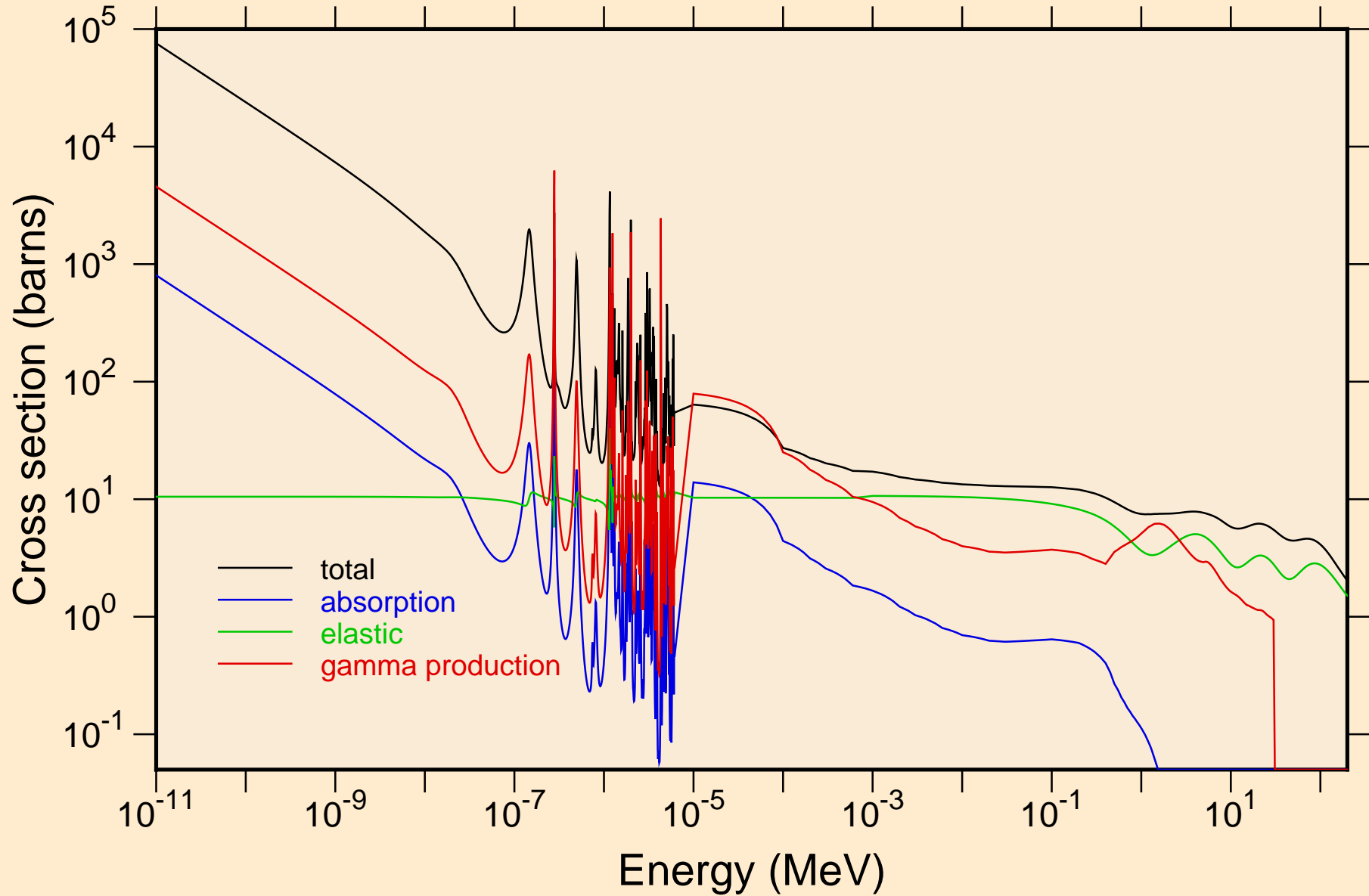
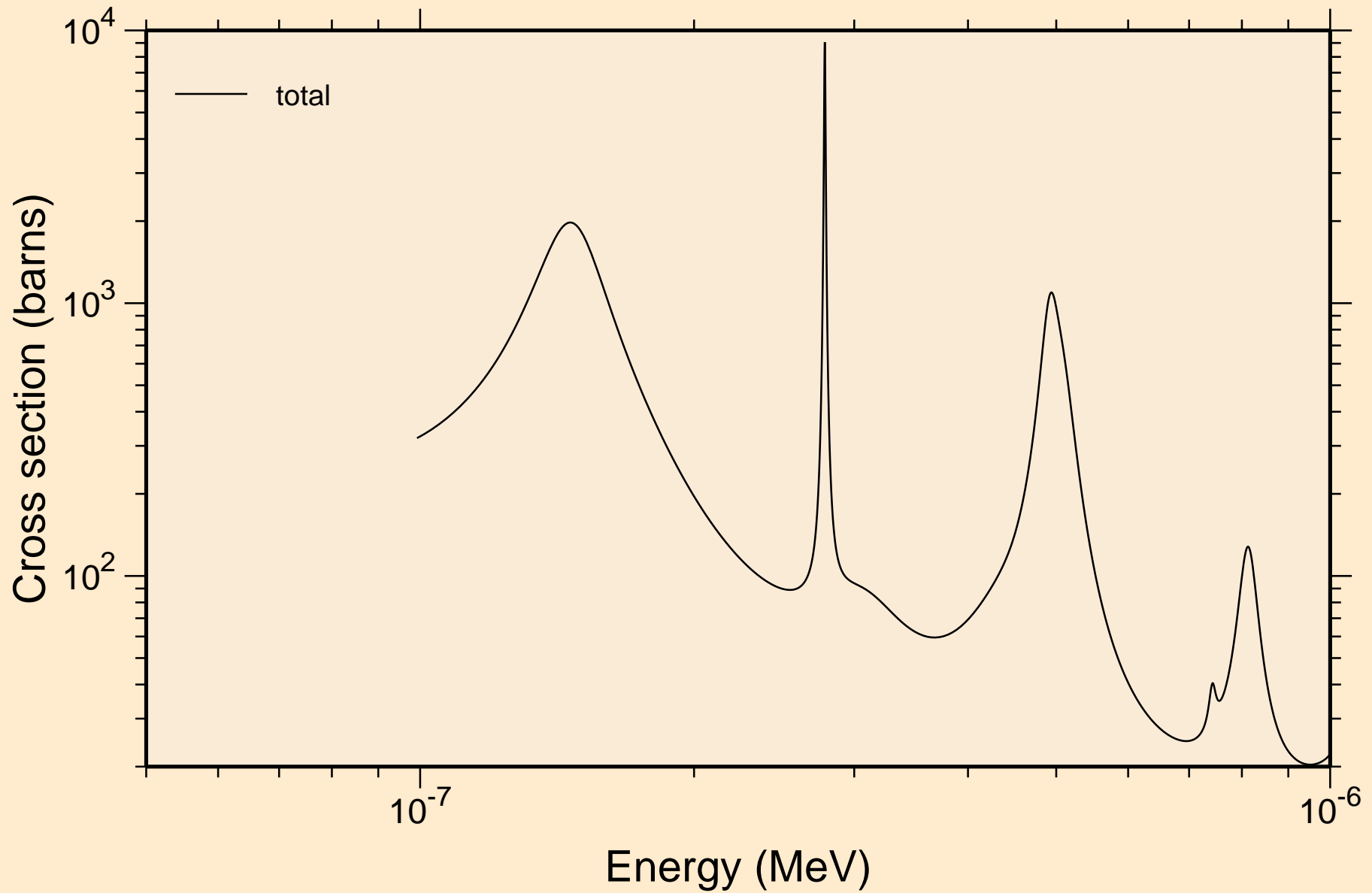


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

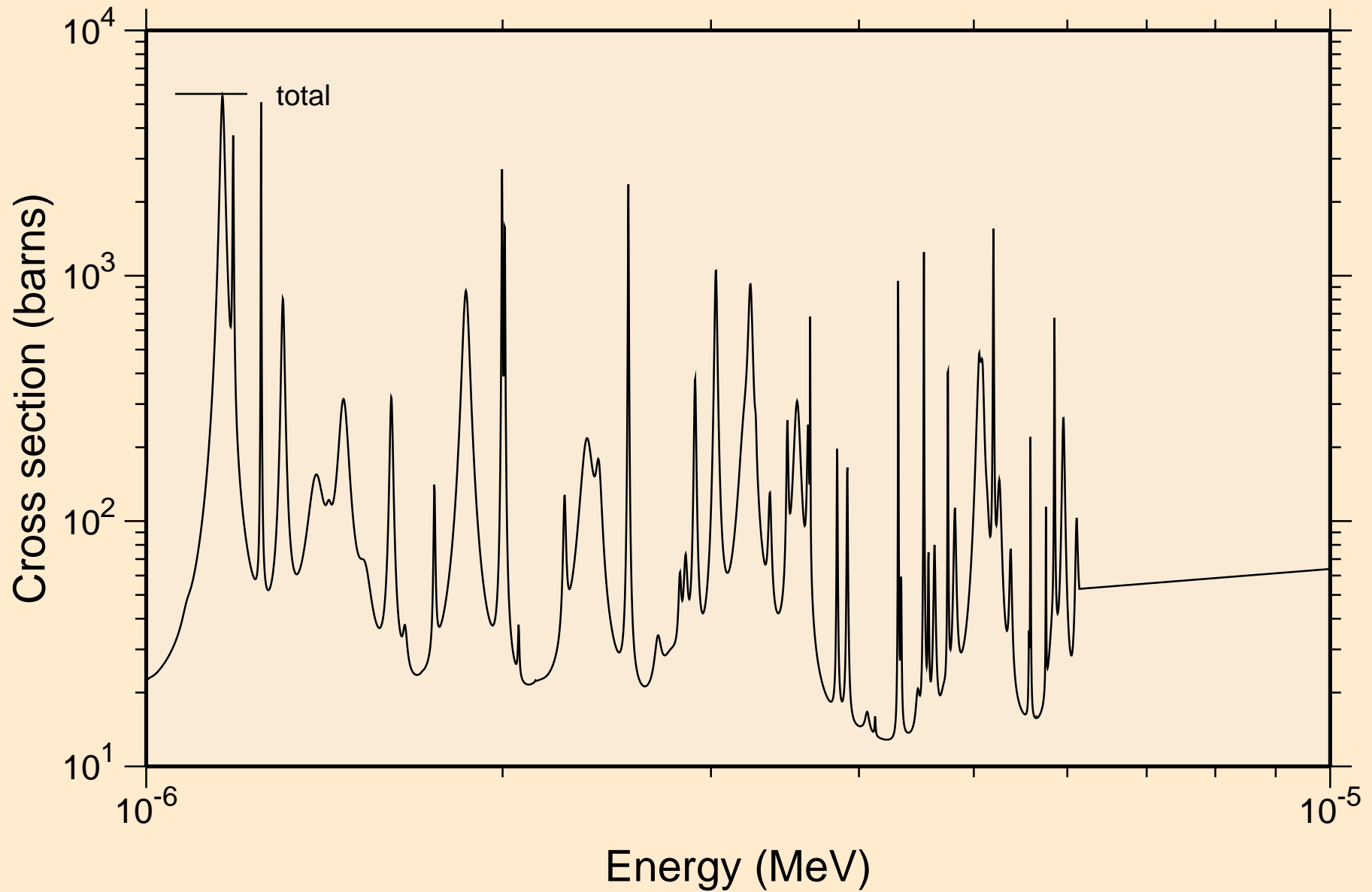
## Principal cross sections



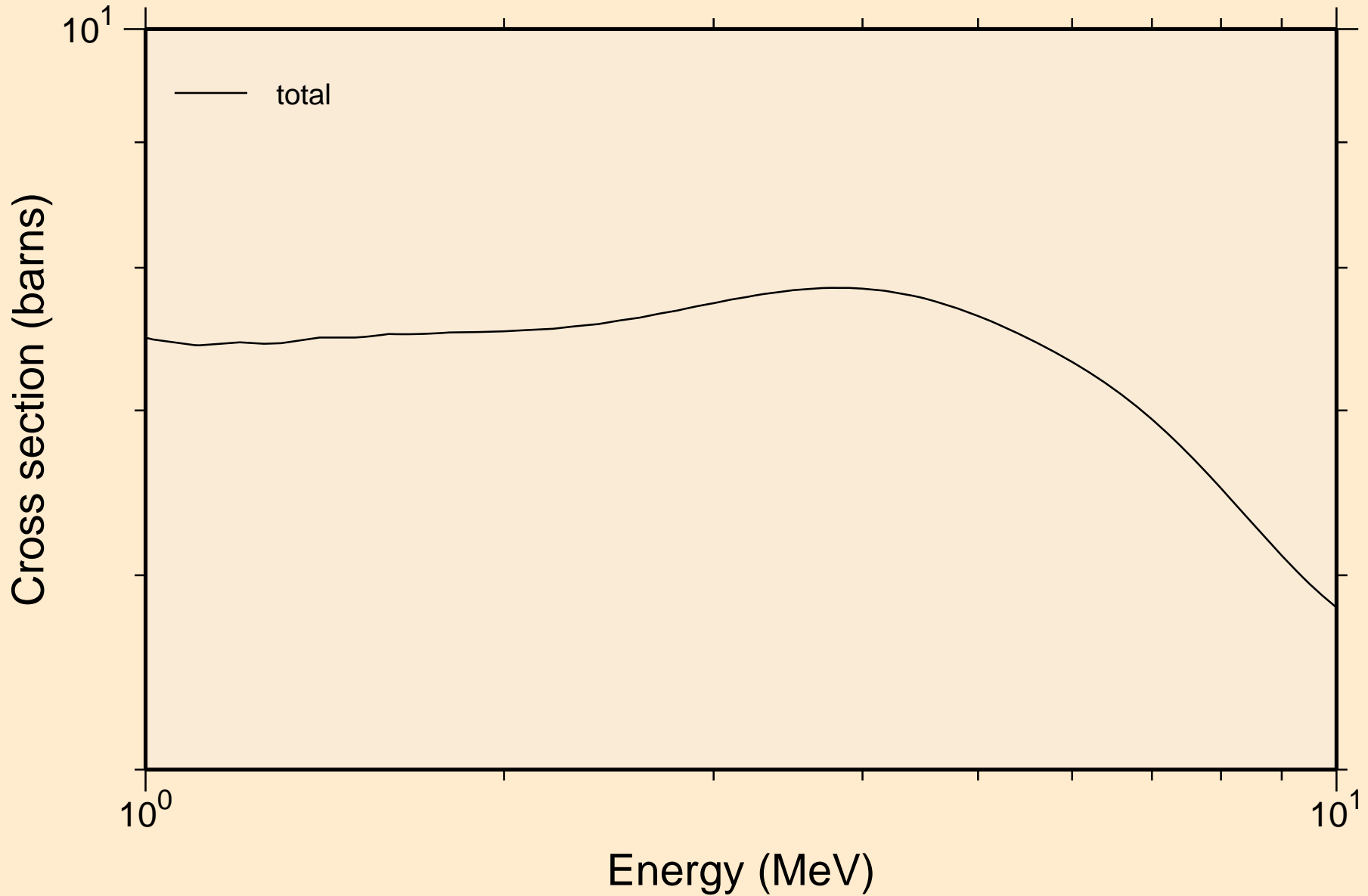
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



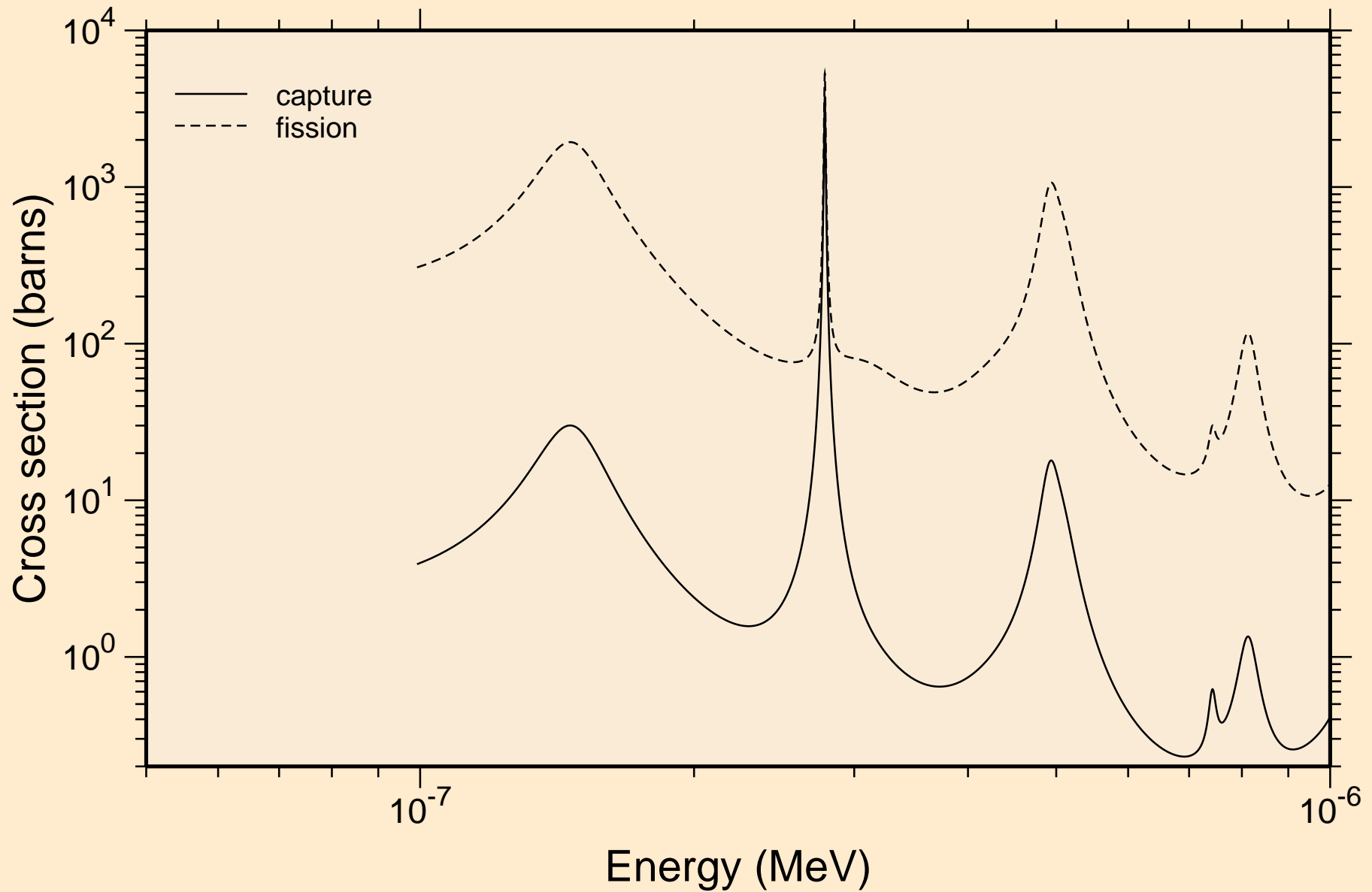
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



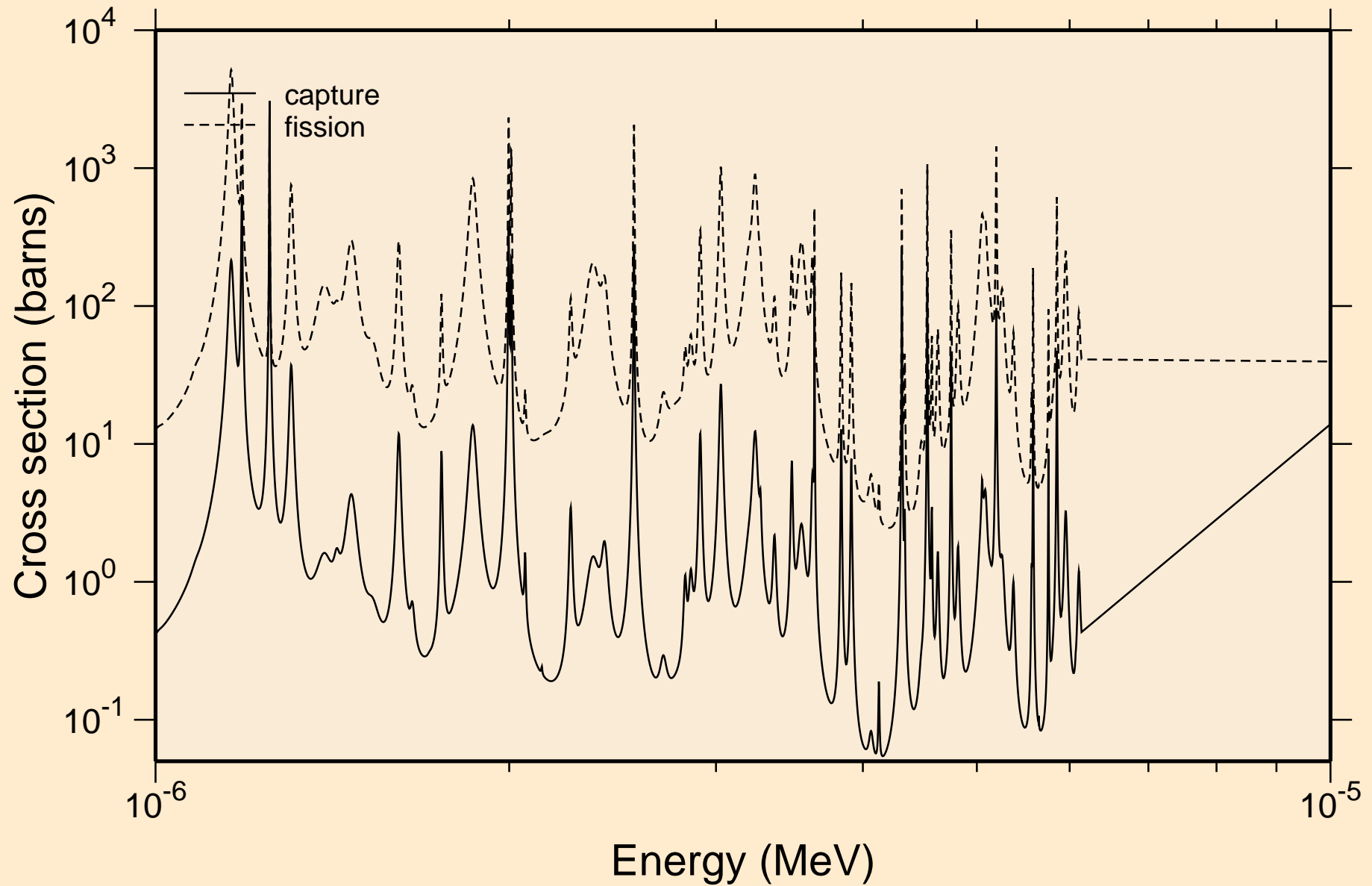
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



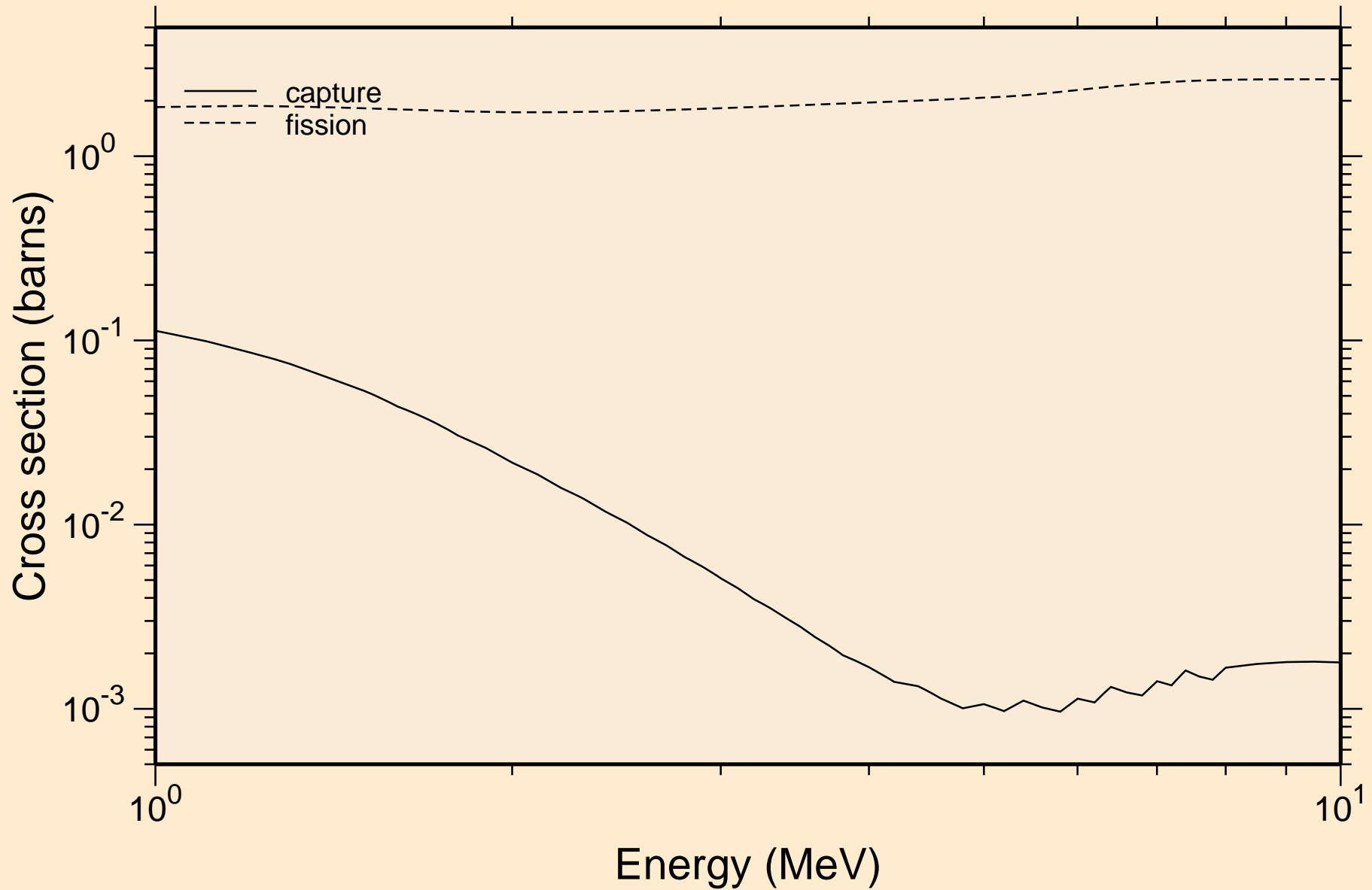
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

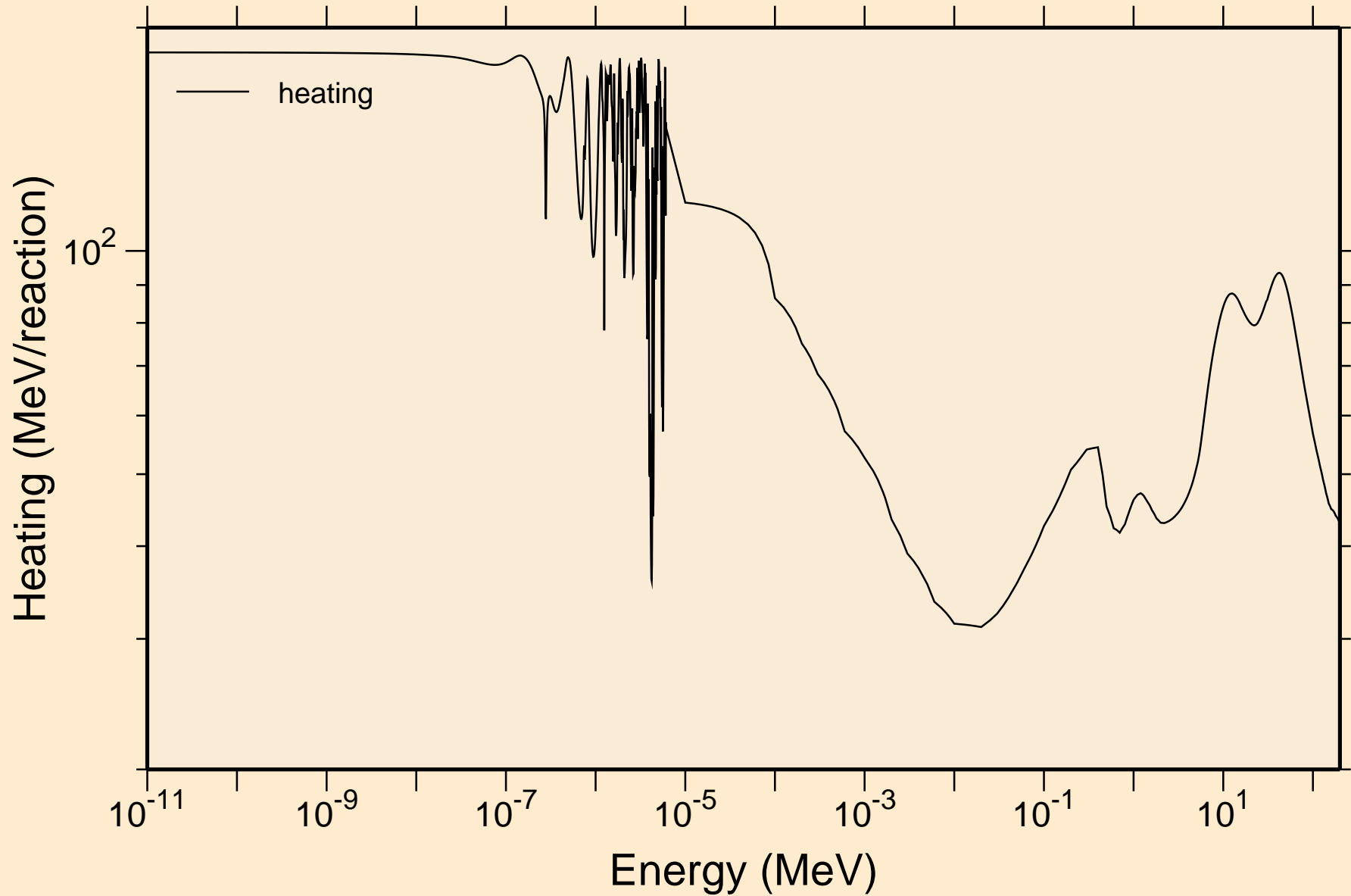


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

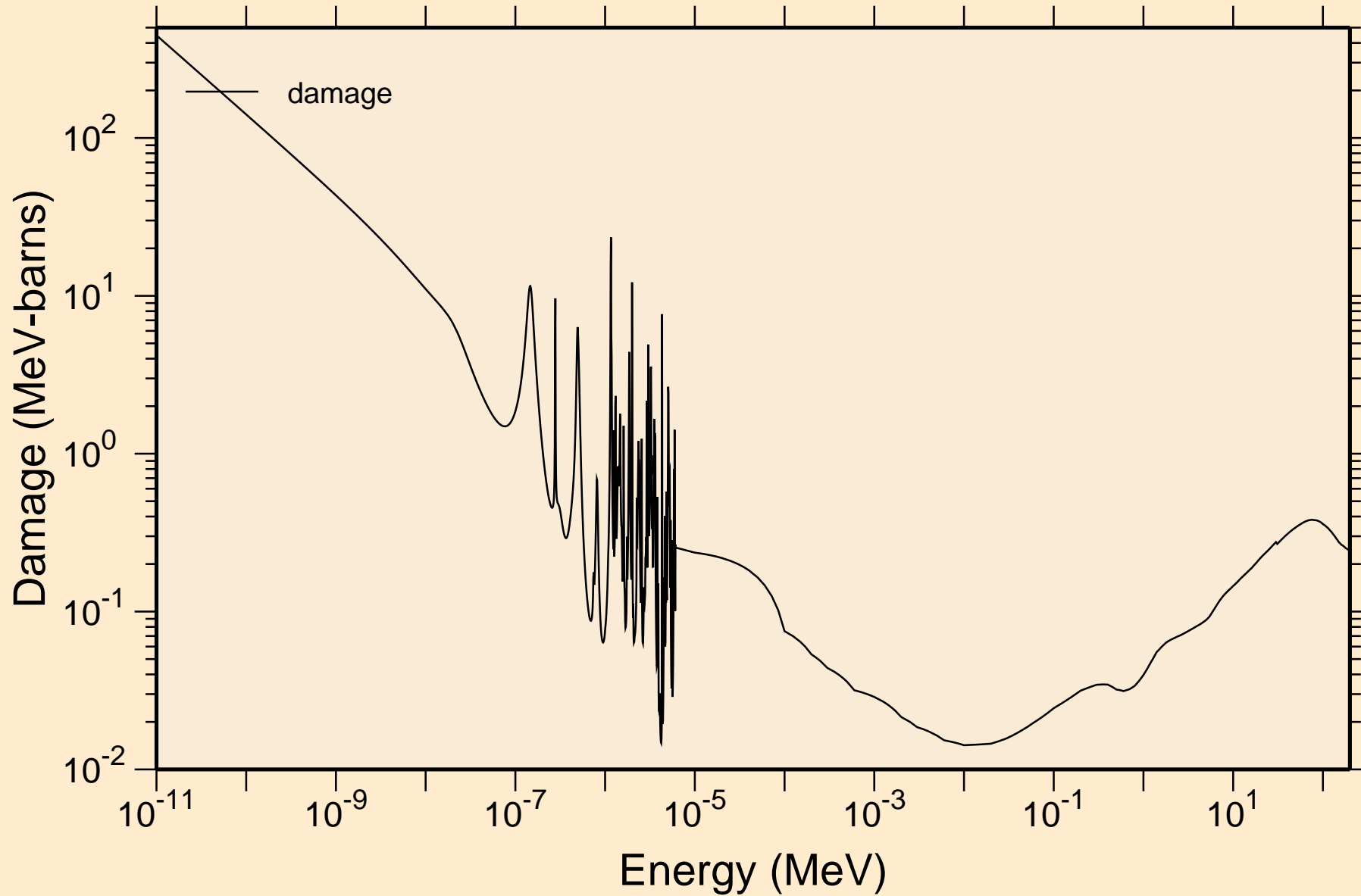
## Heating





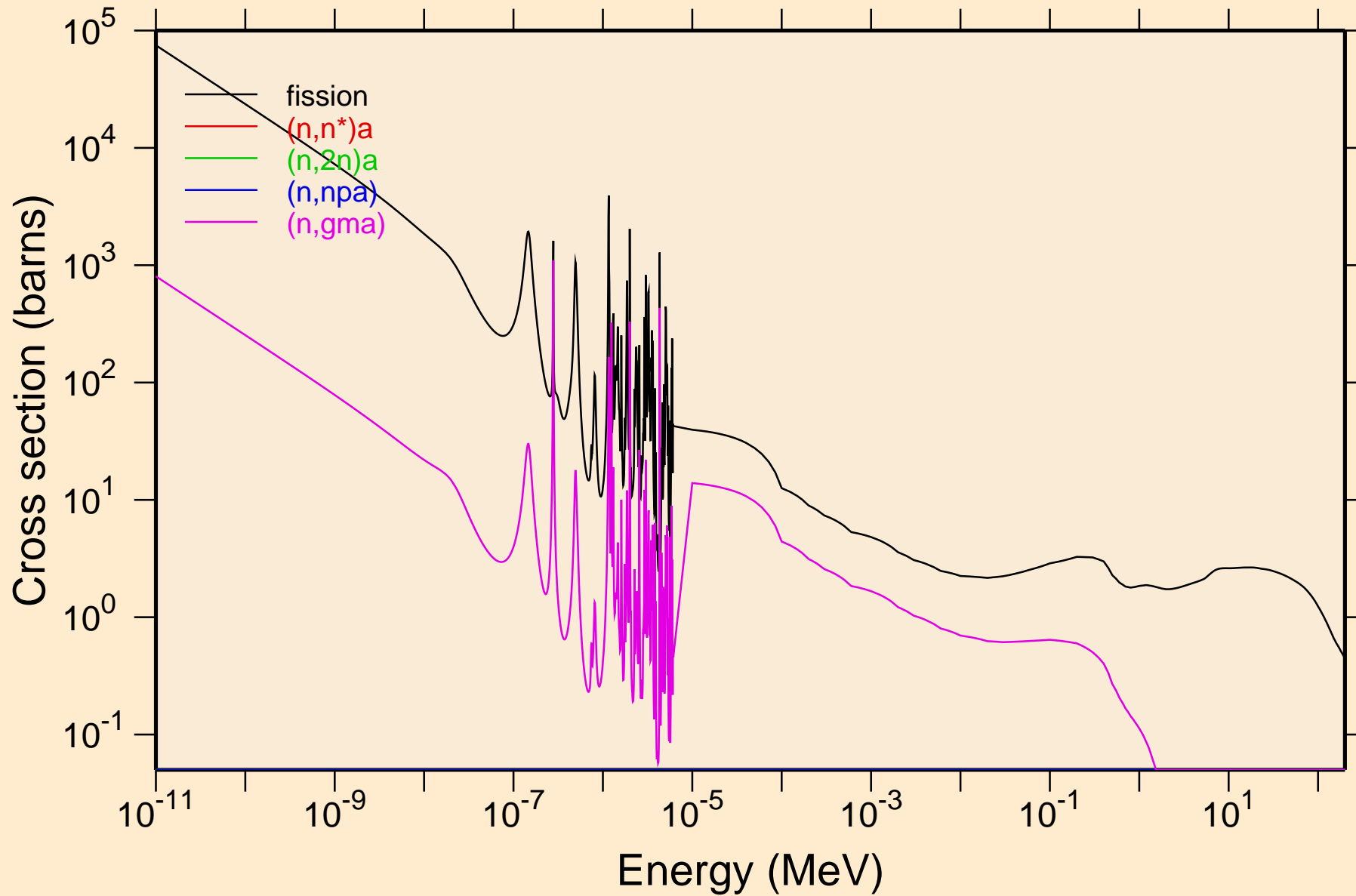
# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

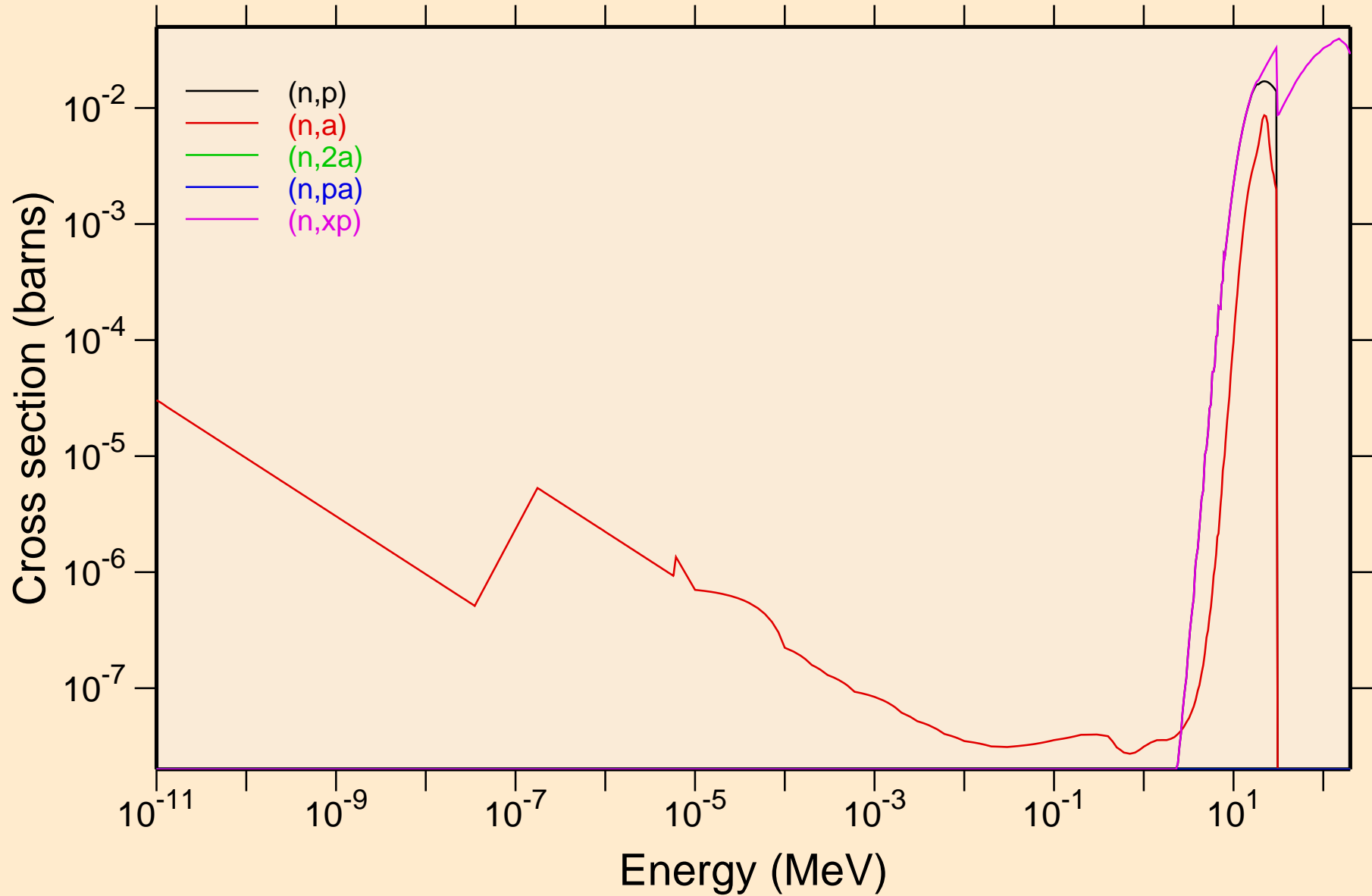


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

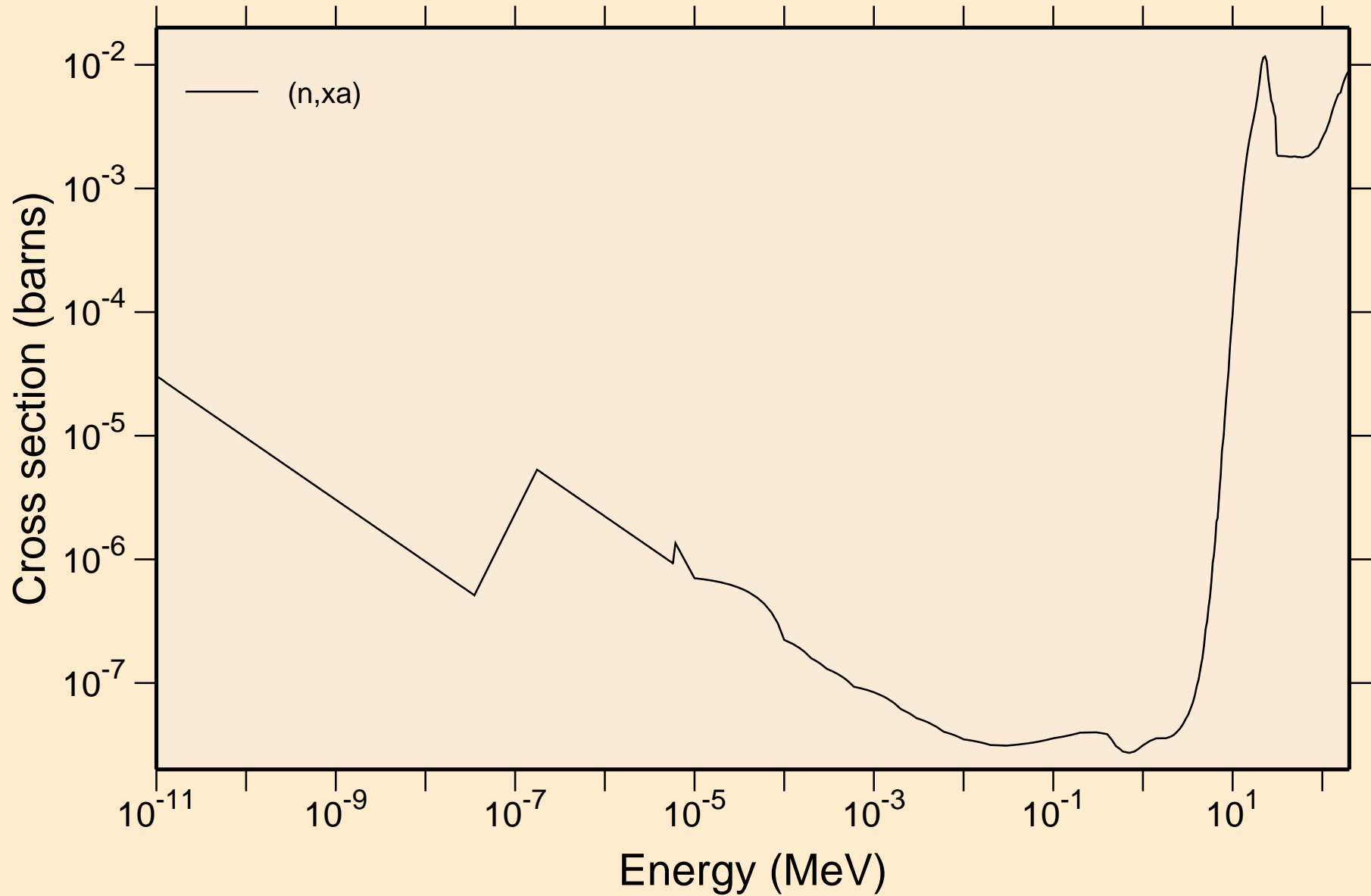
## Non-threshold reactions



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

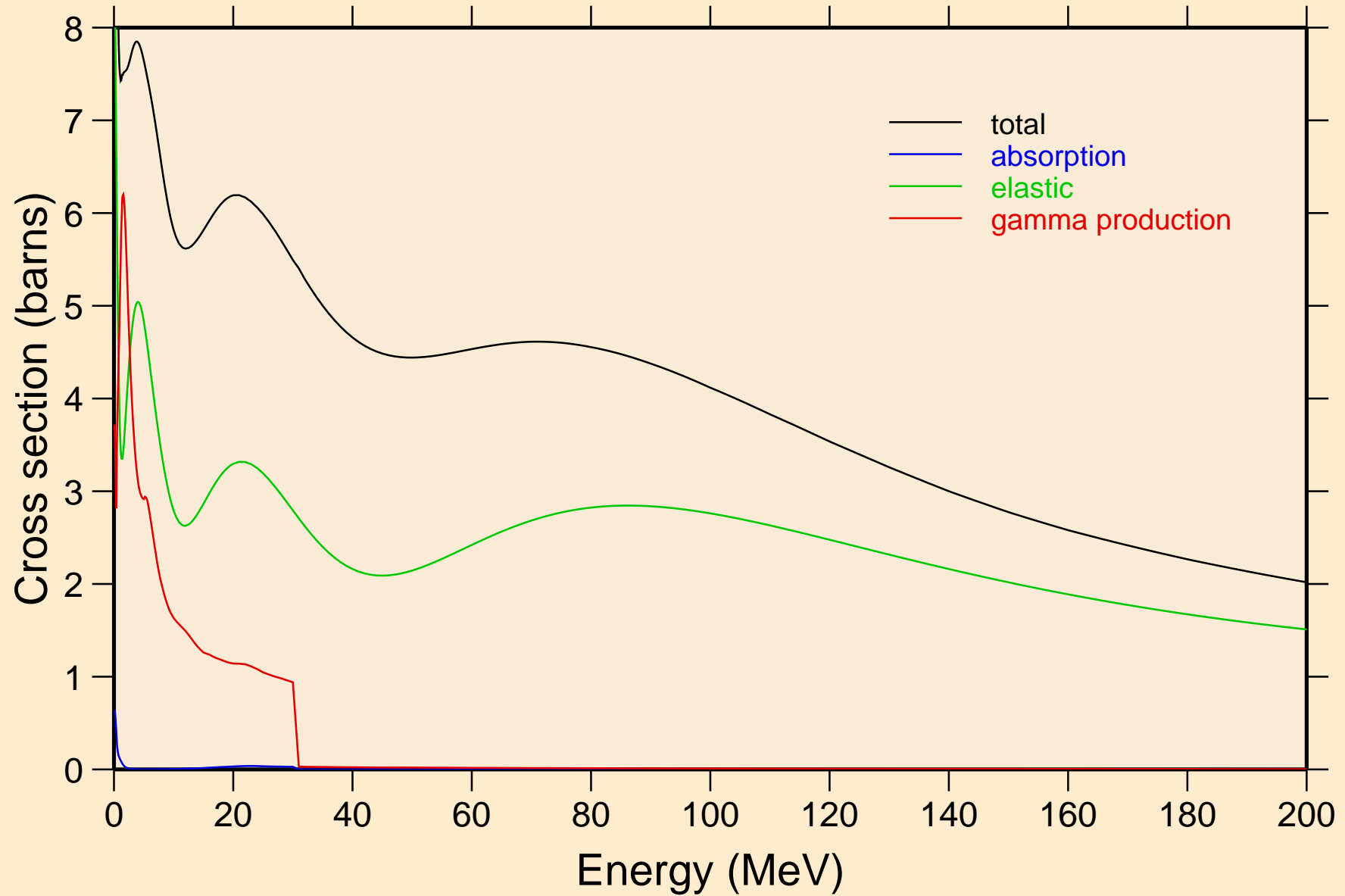


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



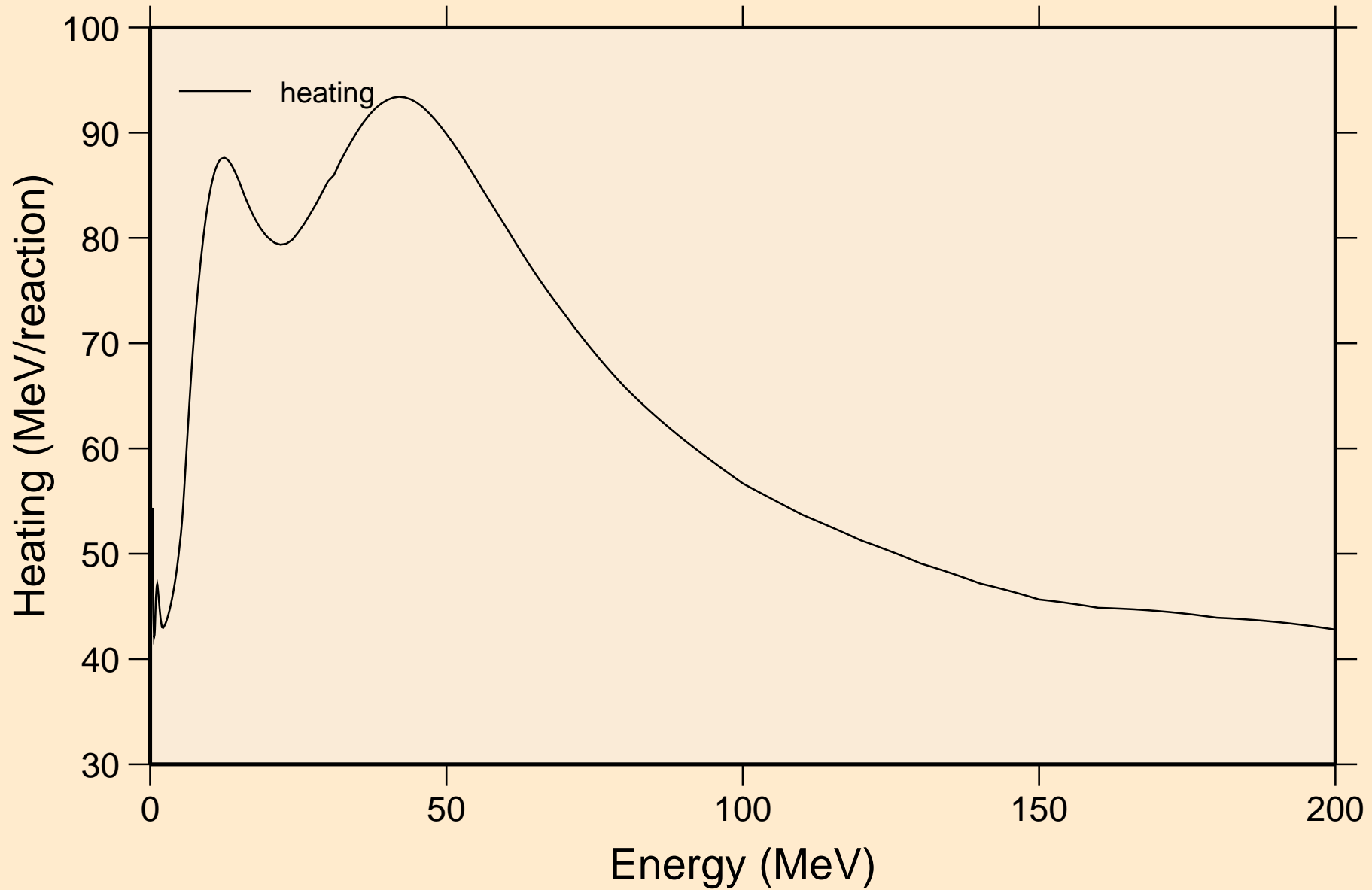
# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

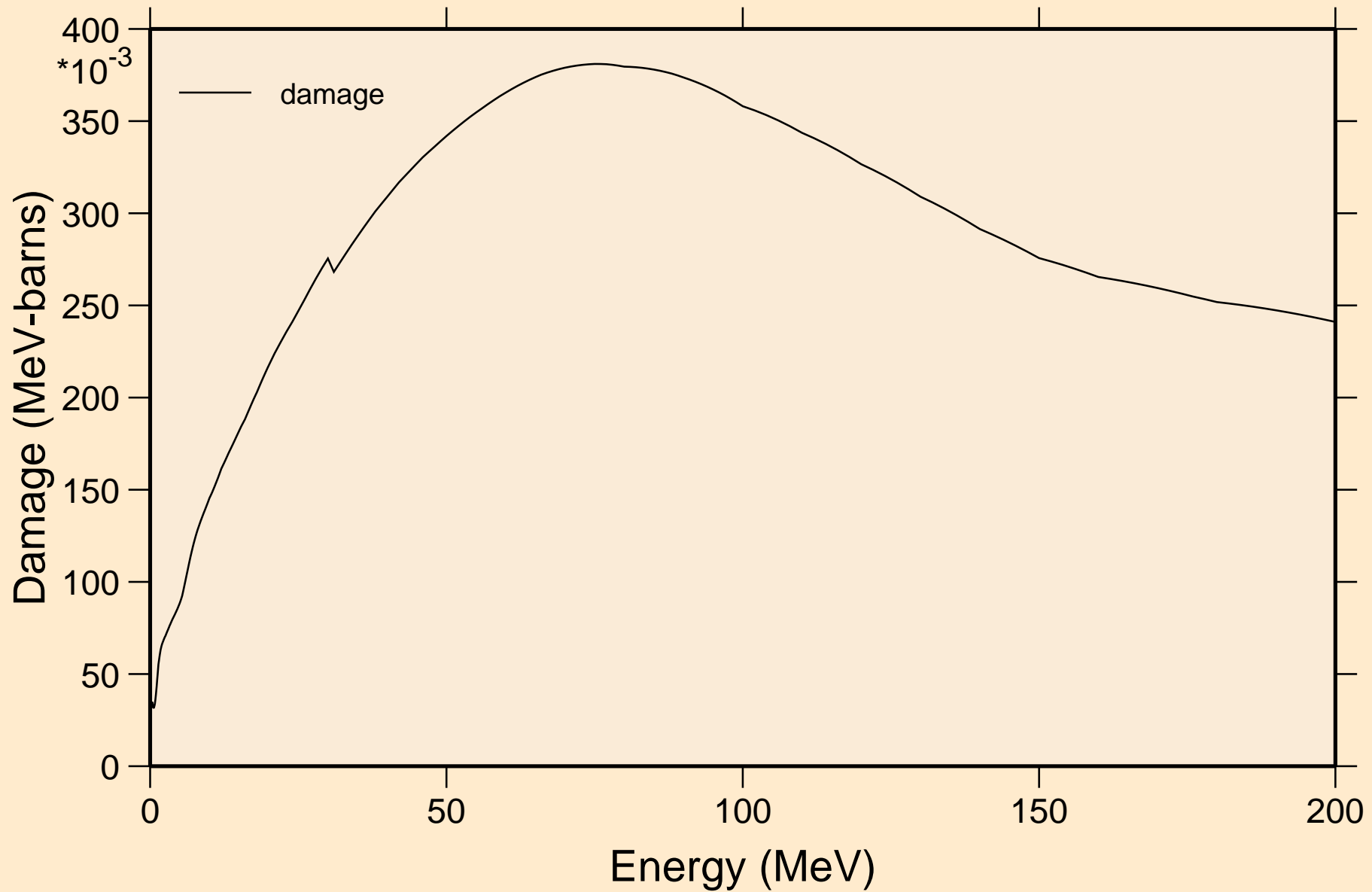


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

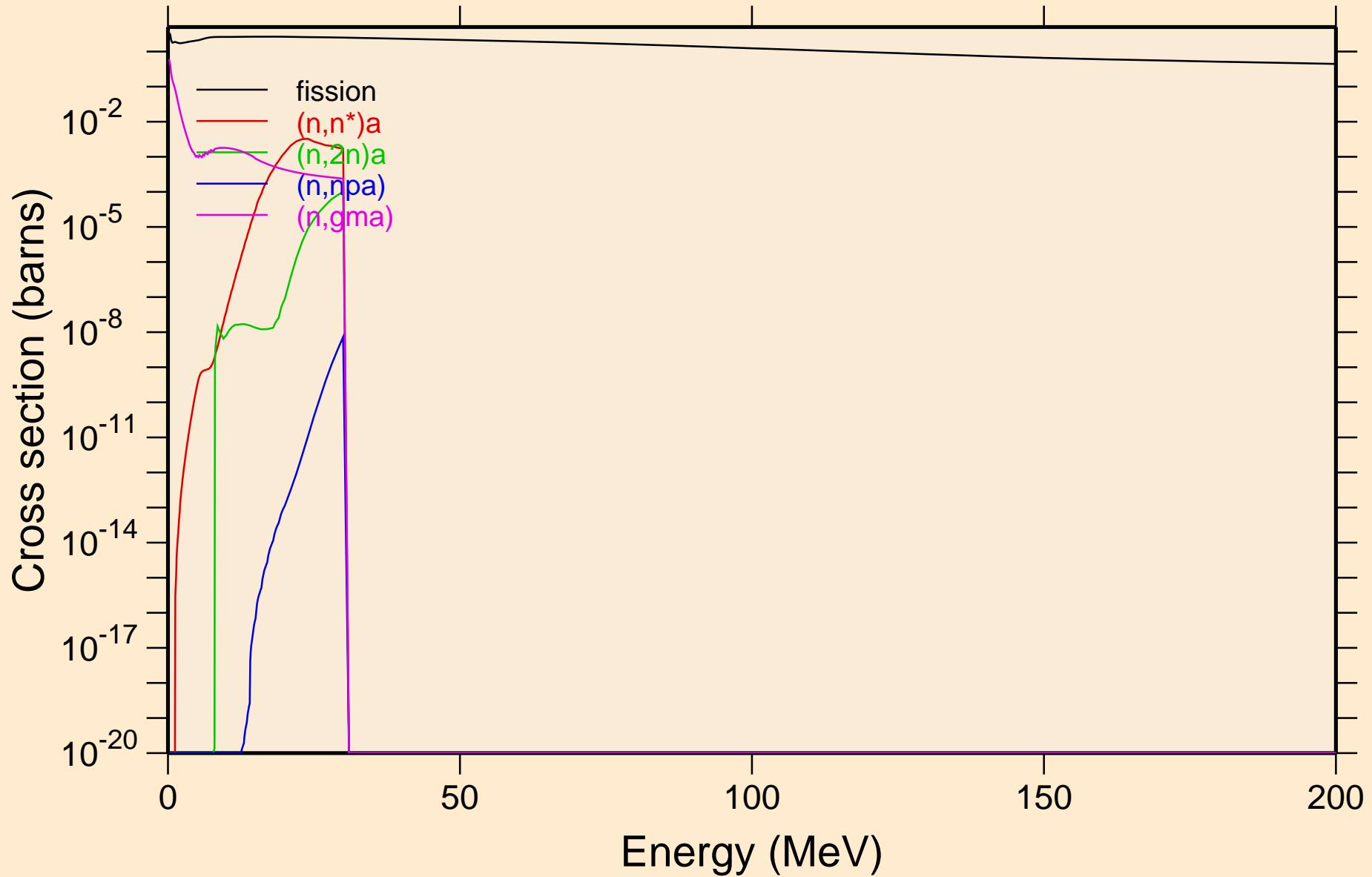


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



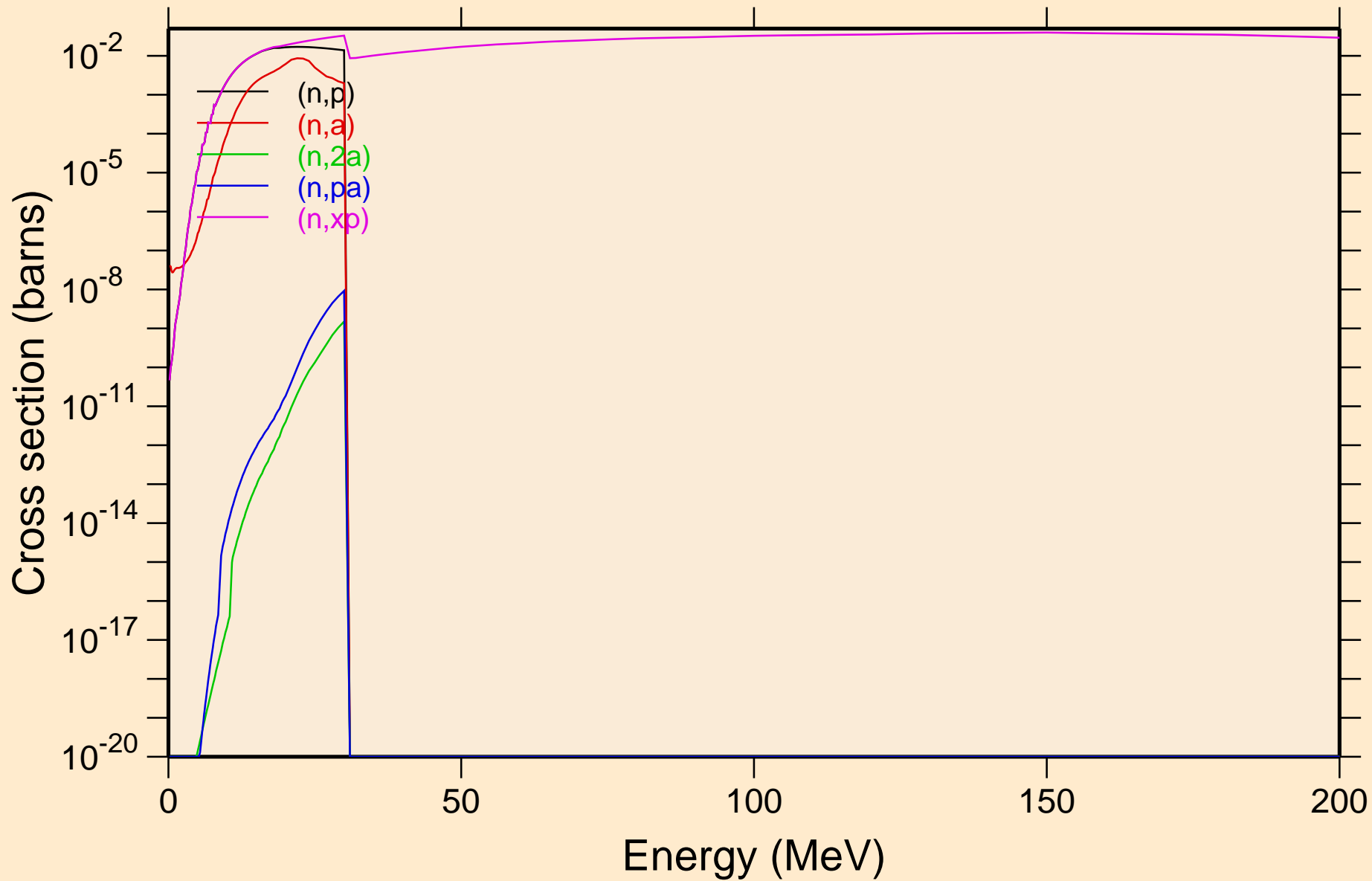
# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

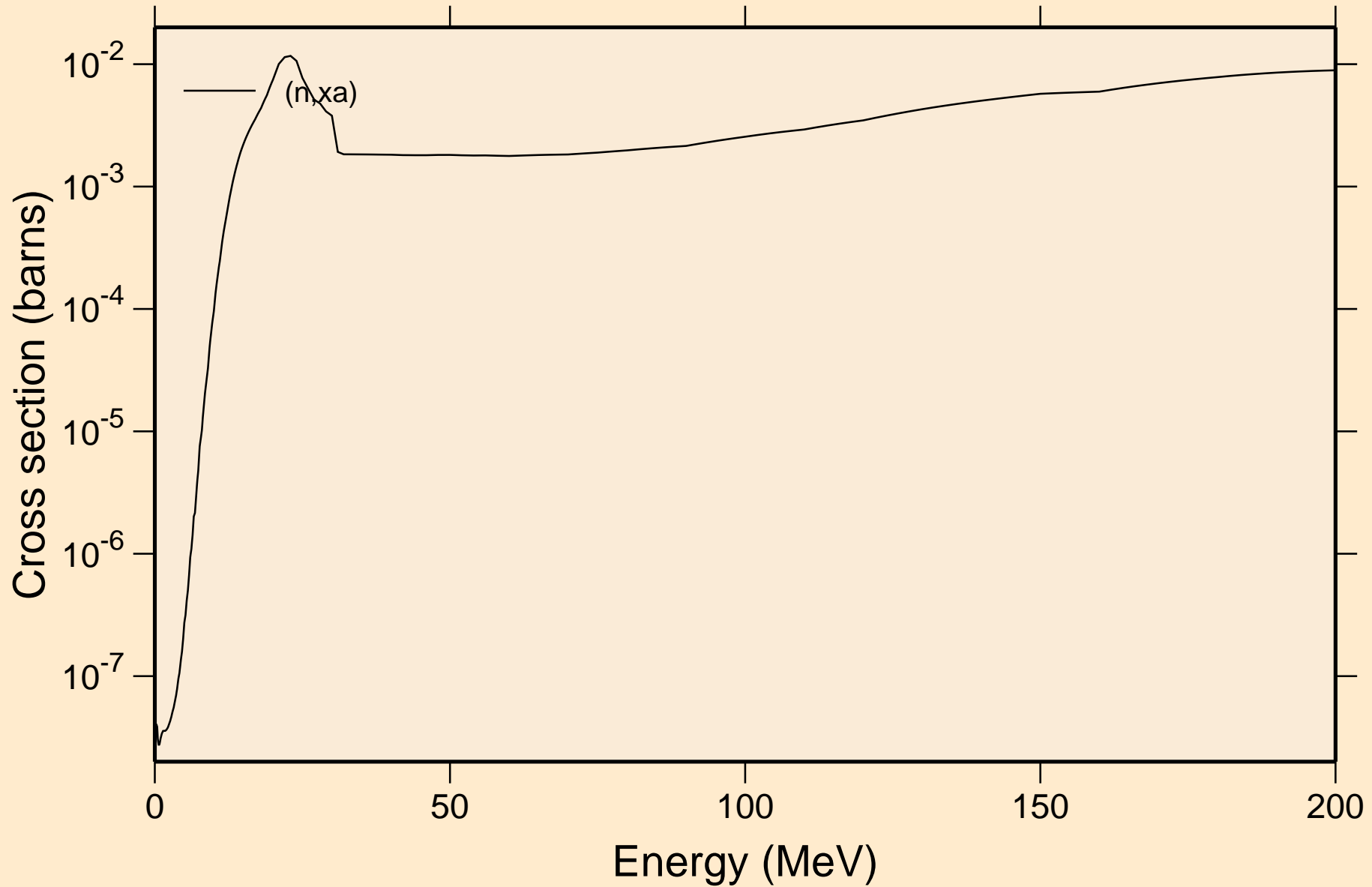




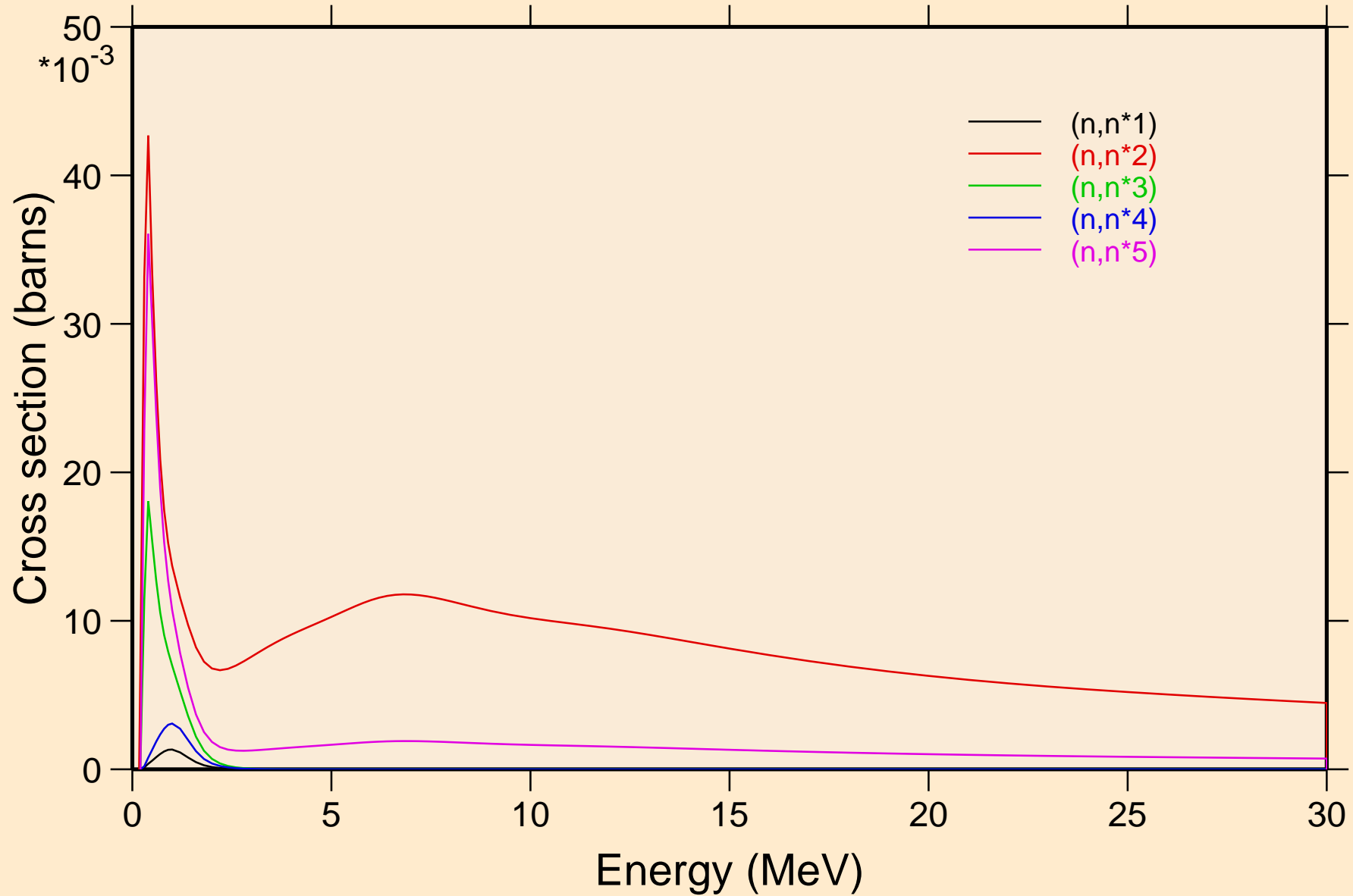
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



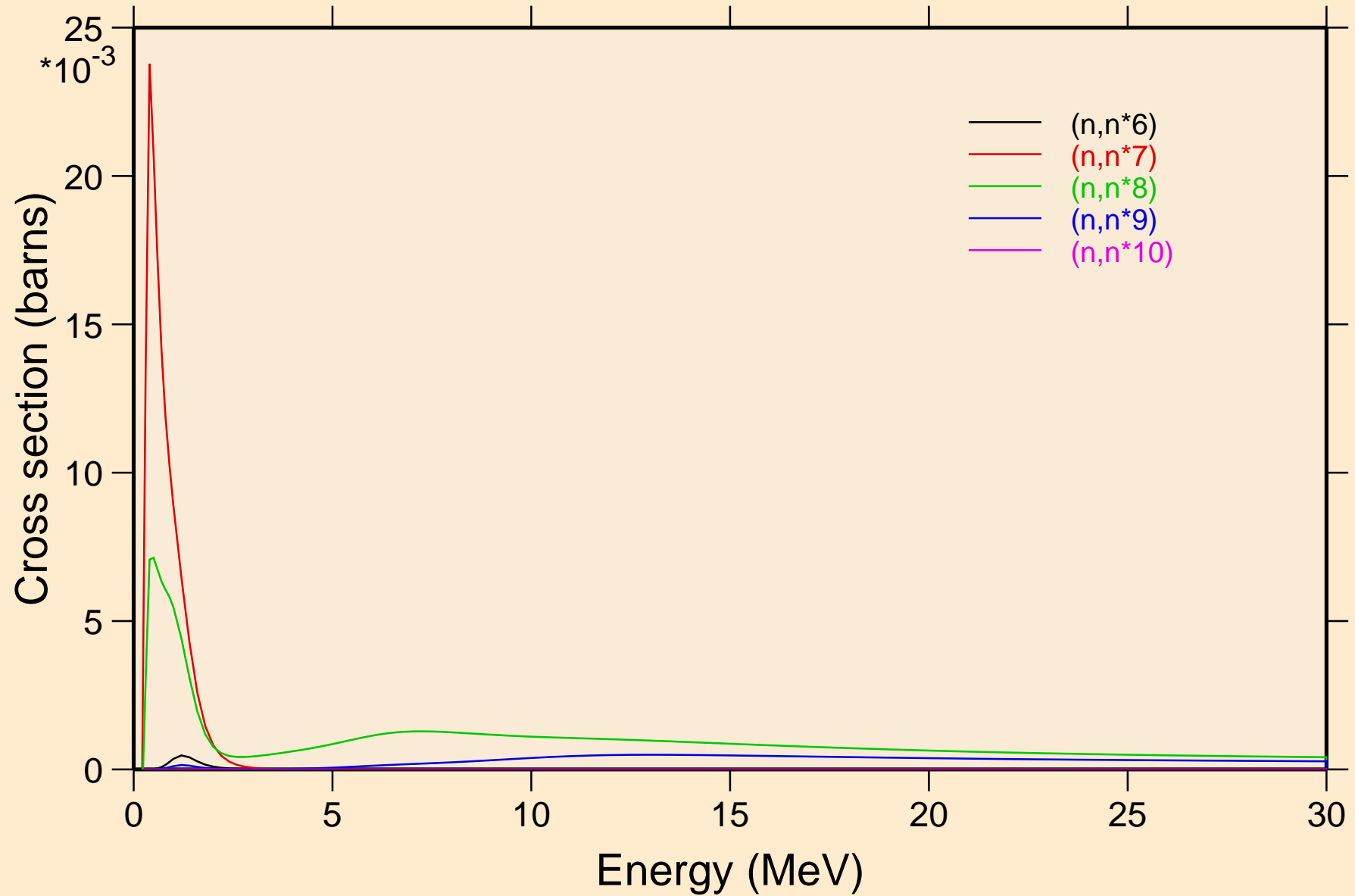
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



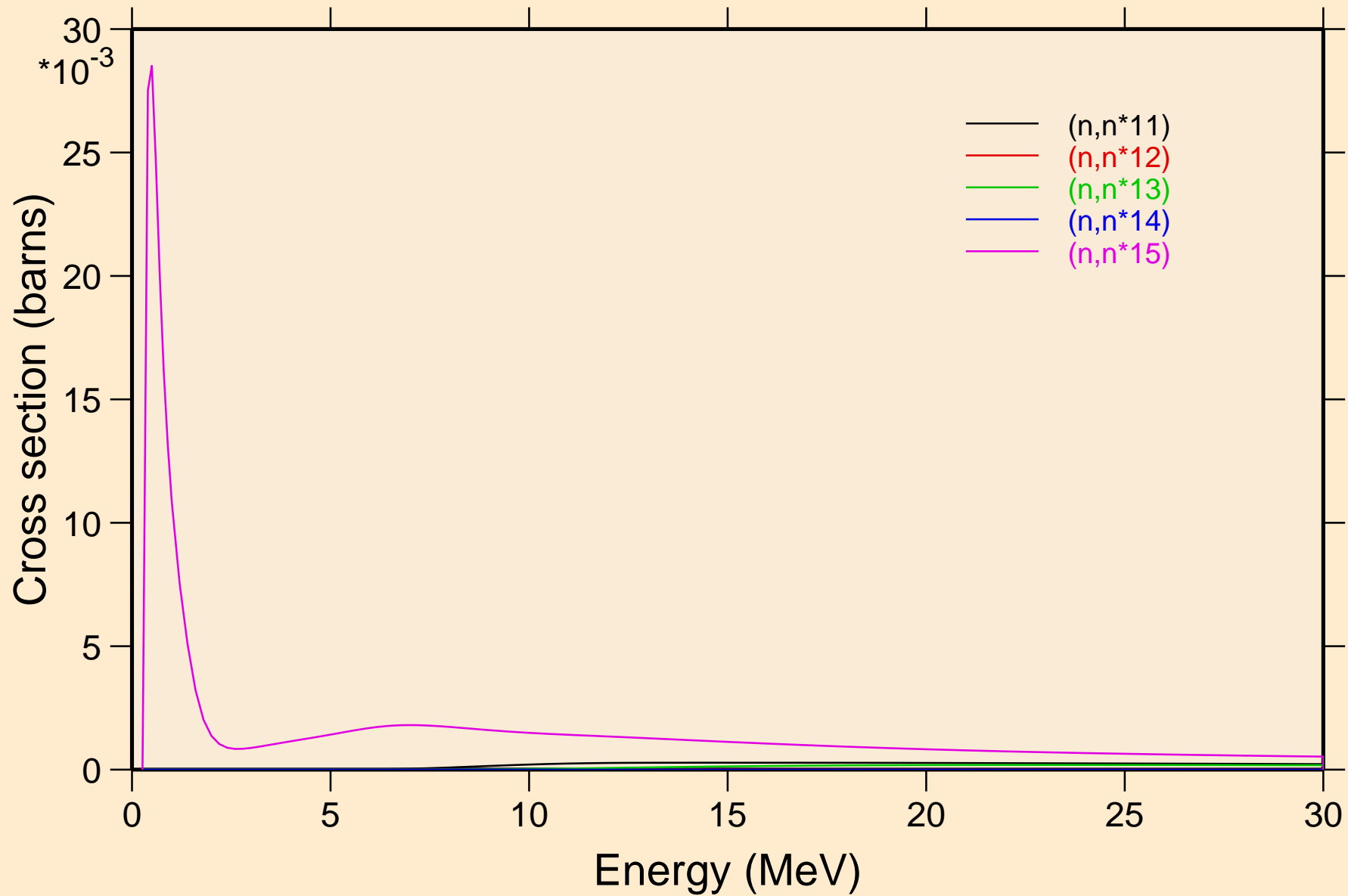
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



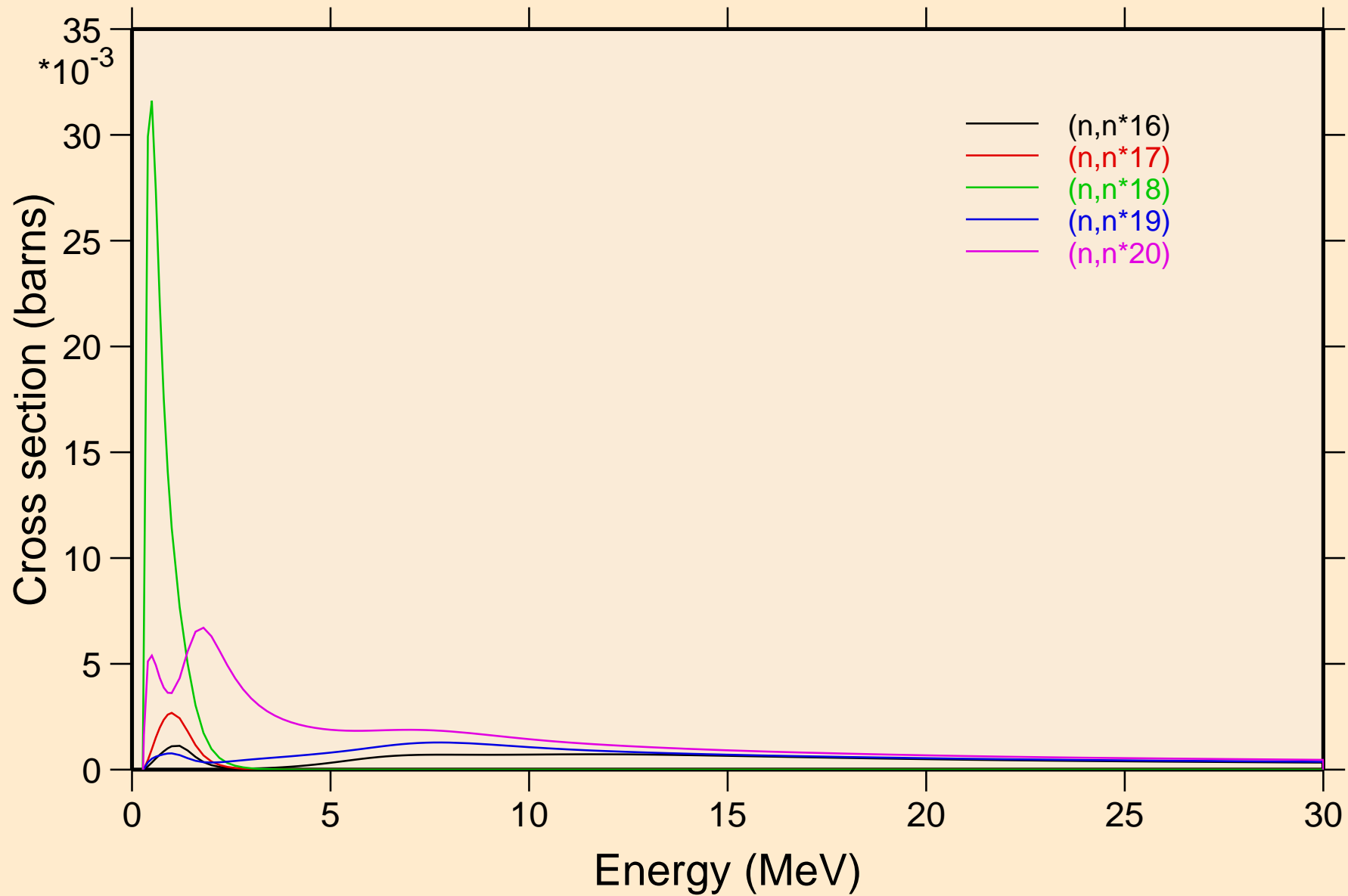
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



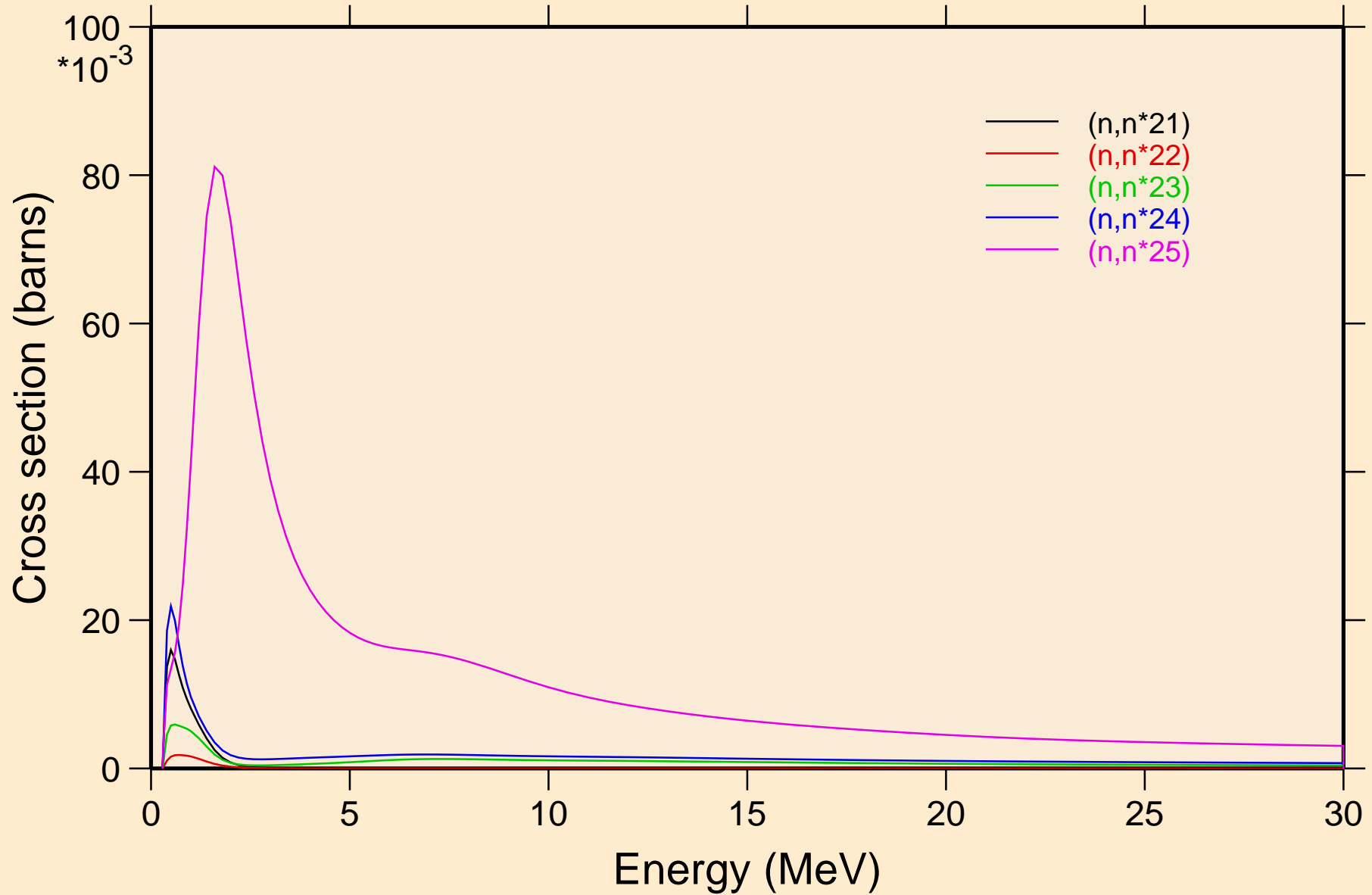
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



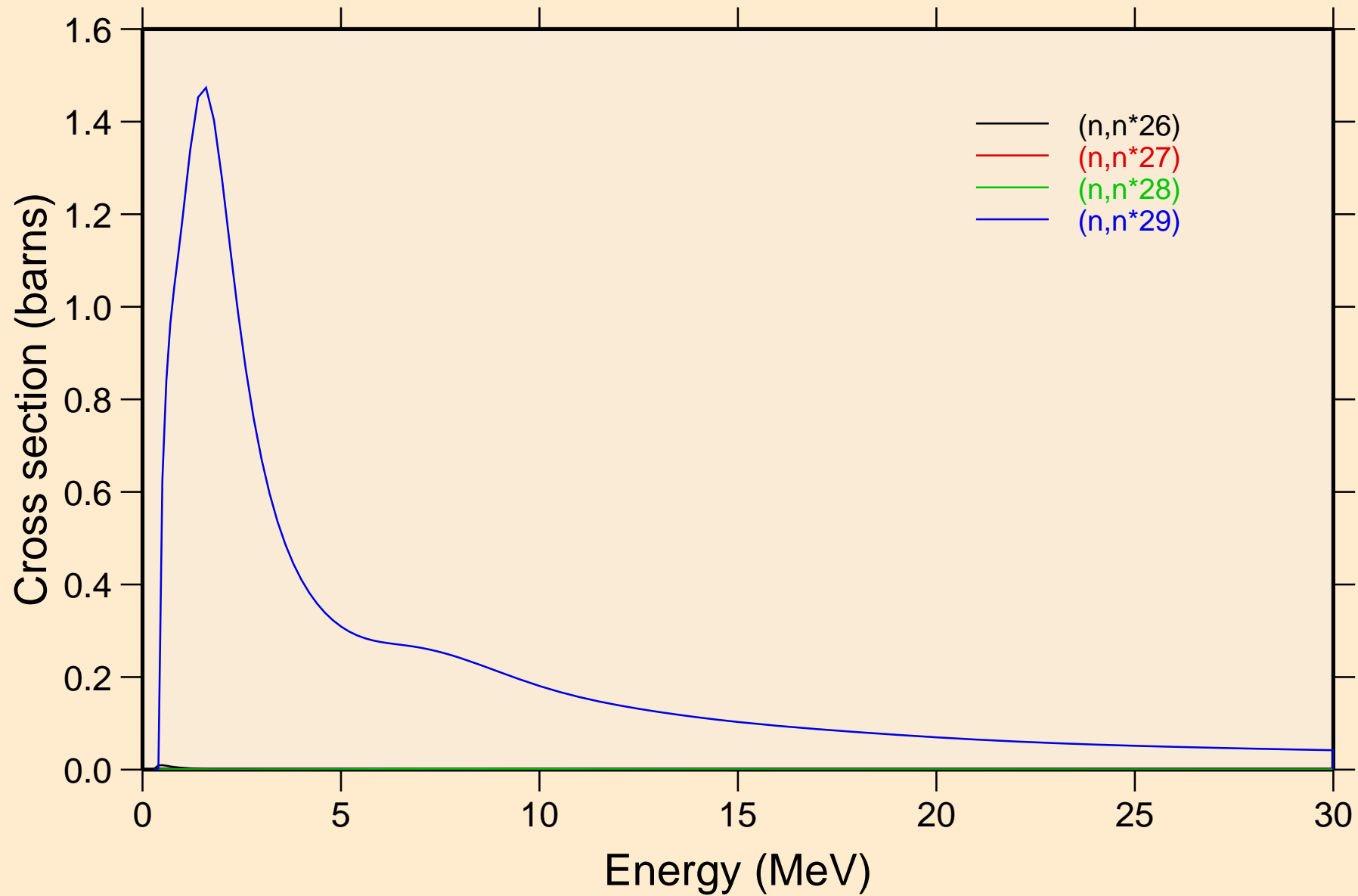
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



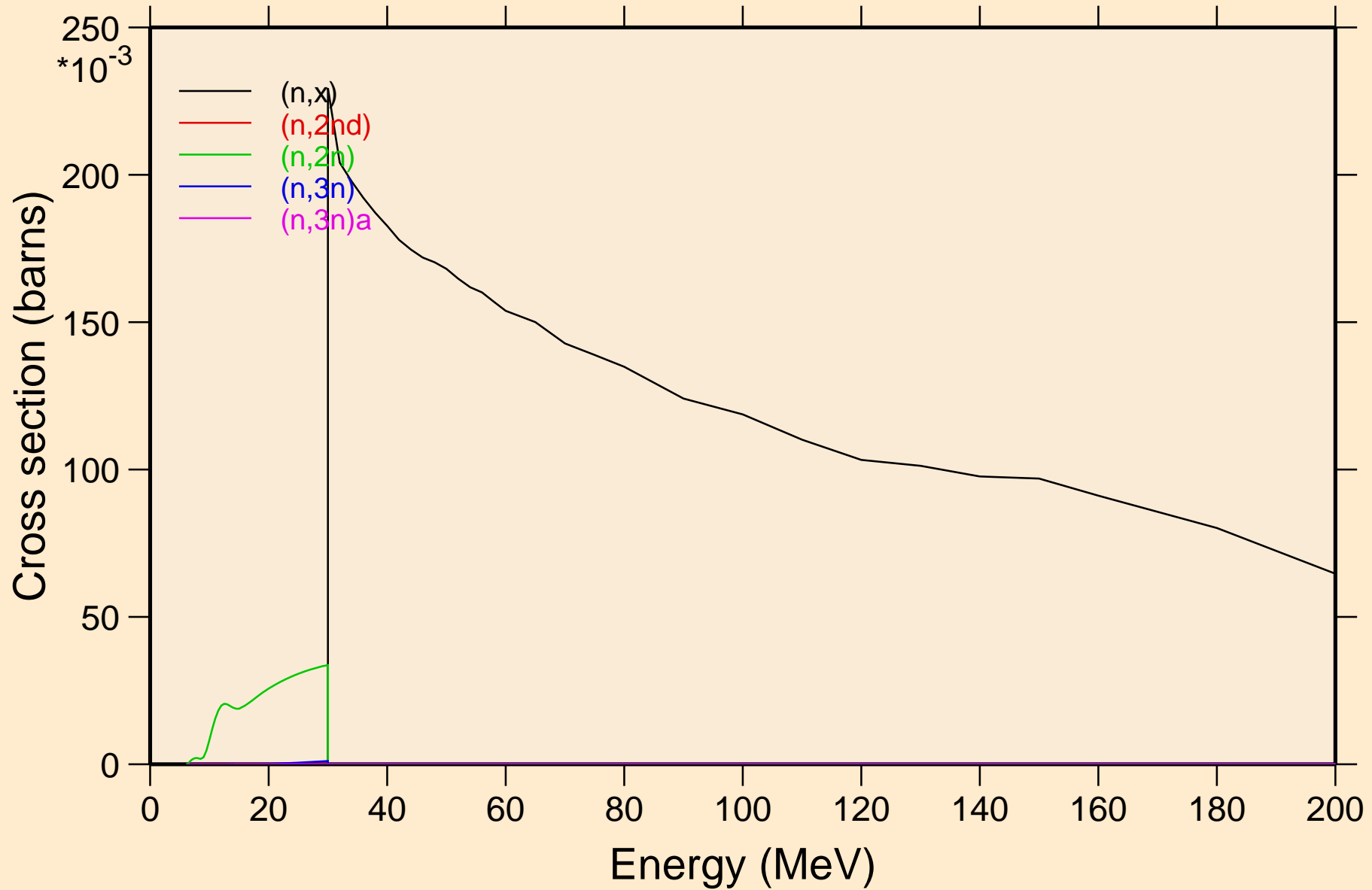
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



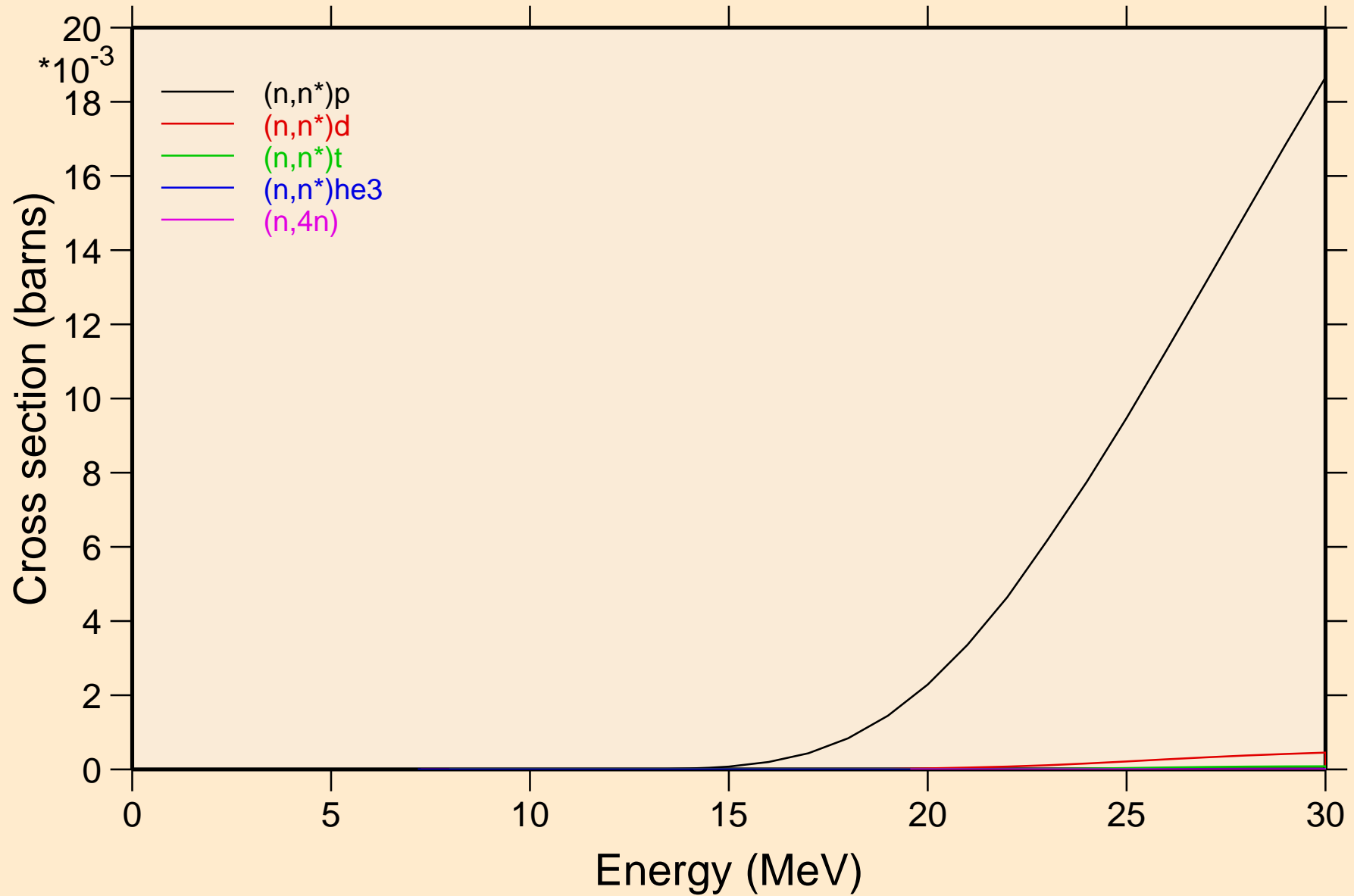


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

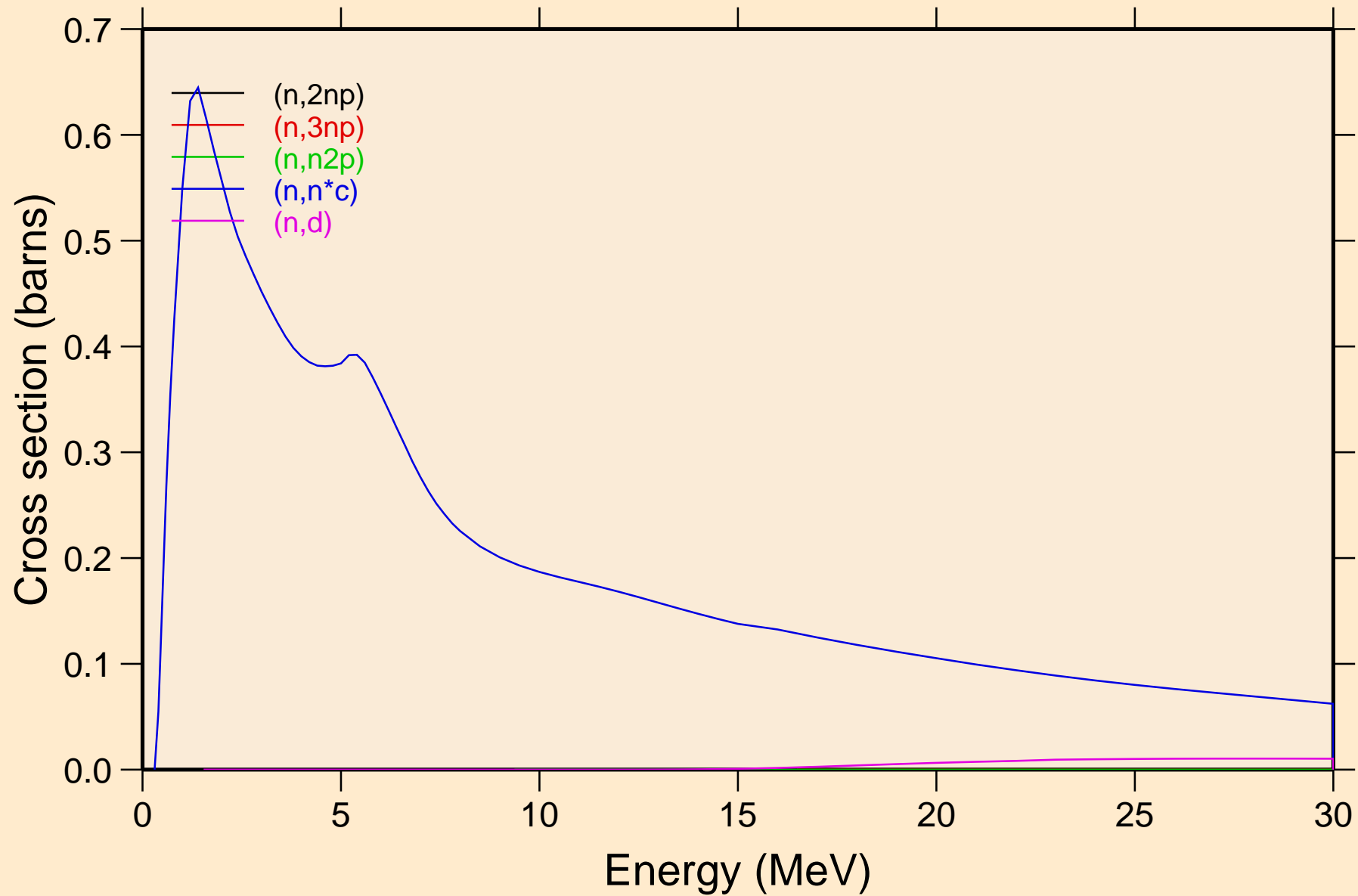
## Threshold reactions



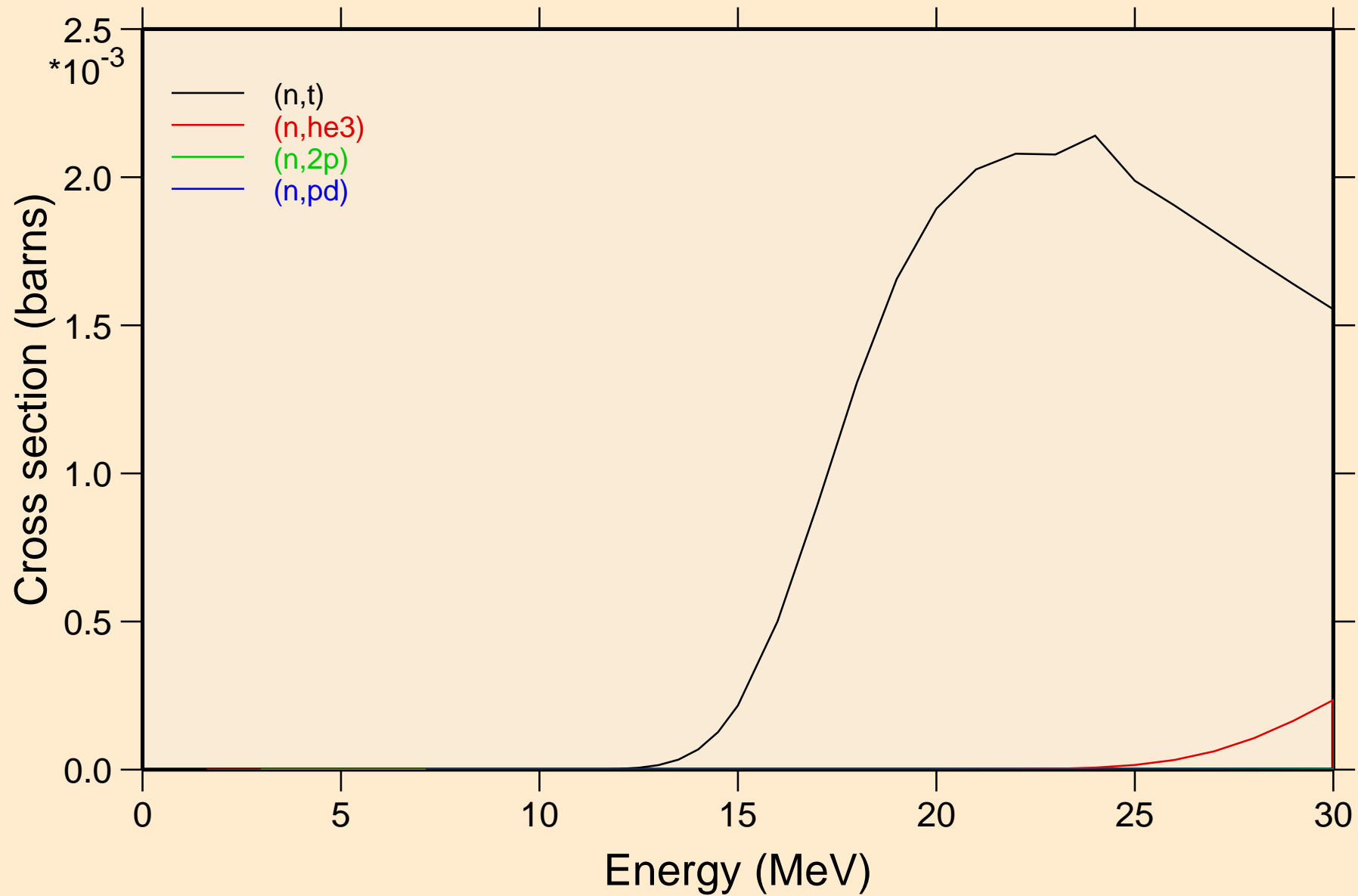
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



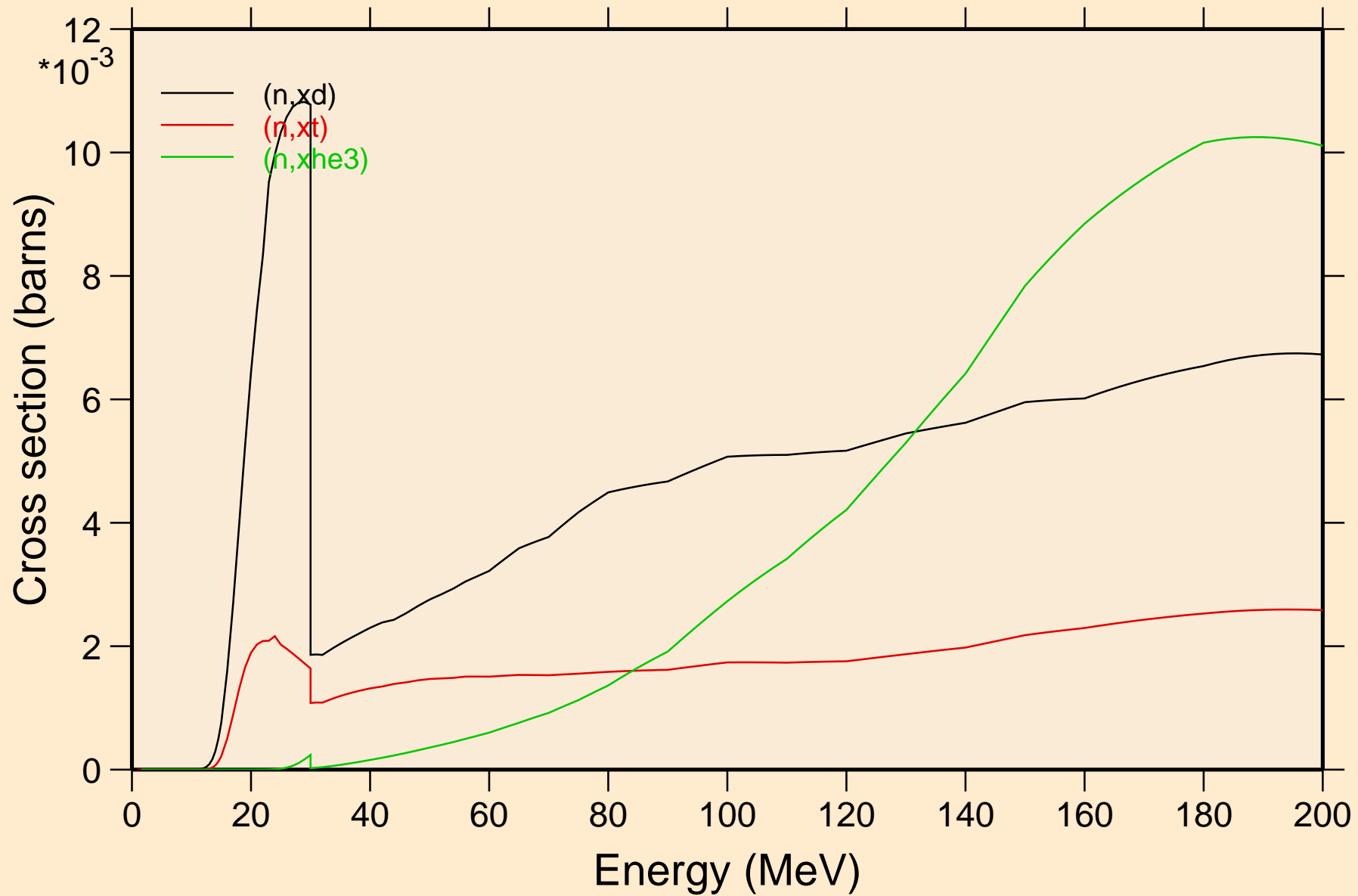
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



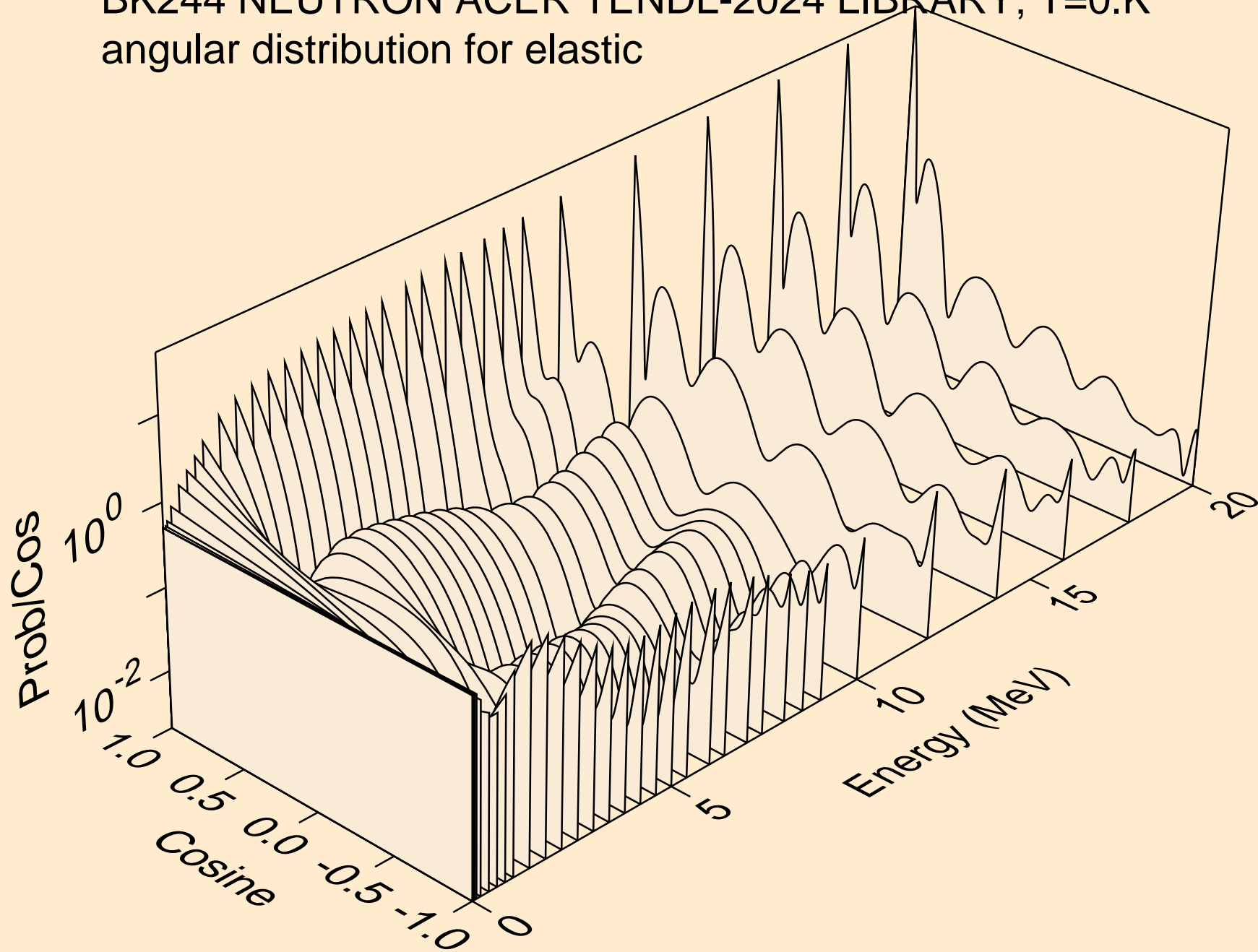
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



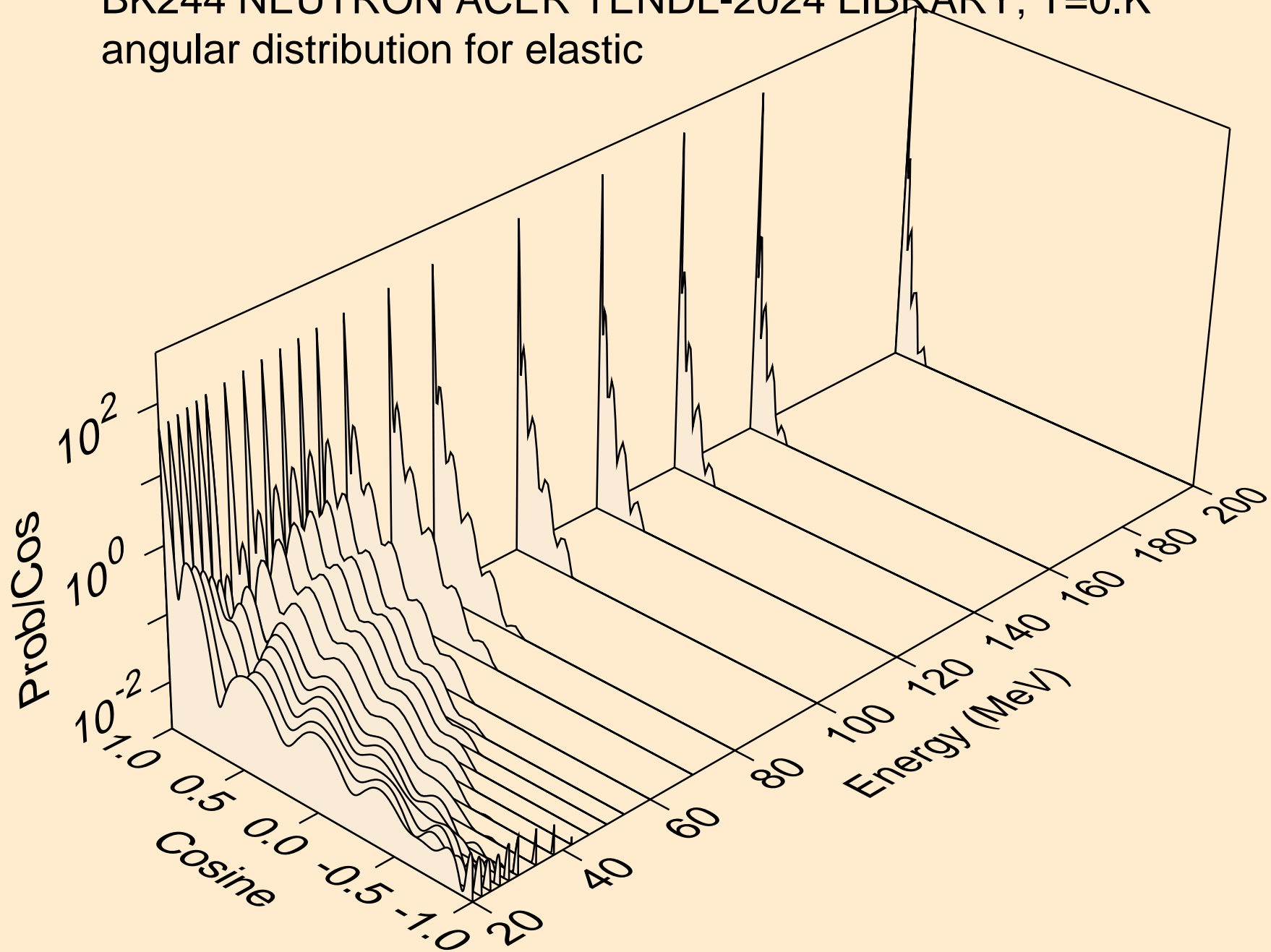
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



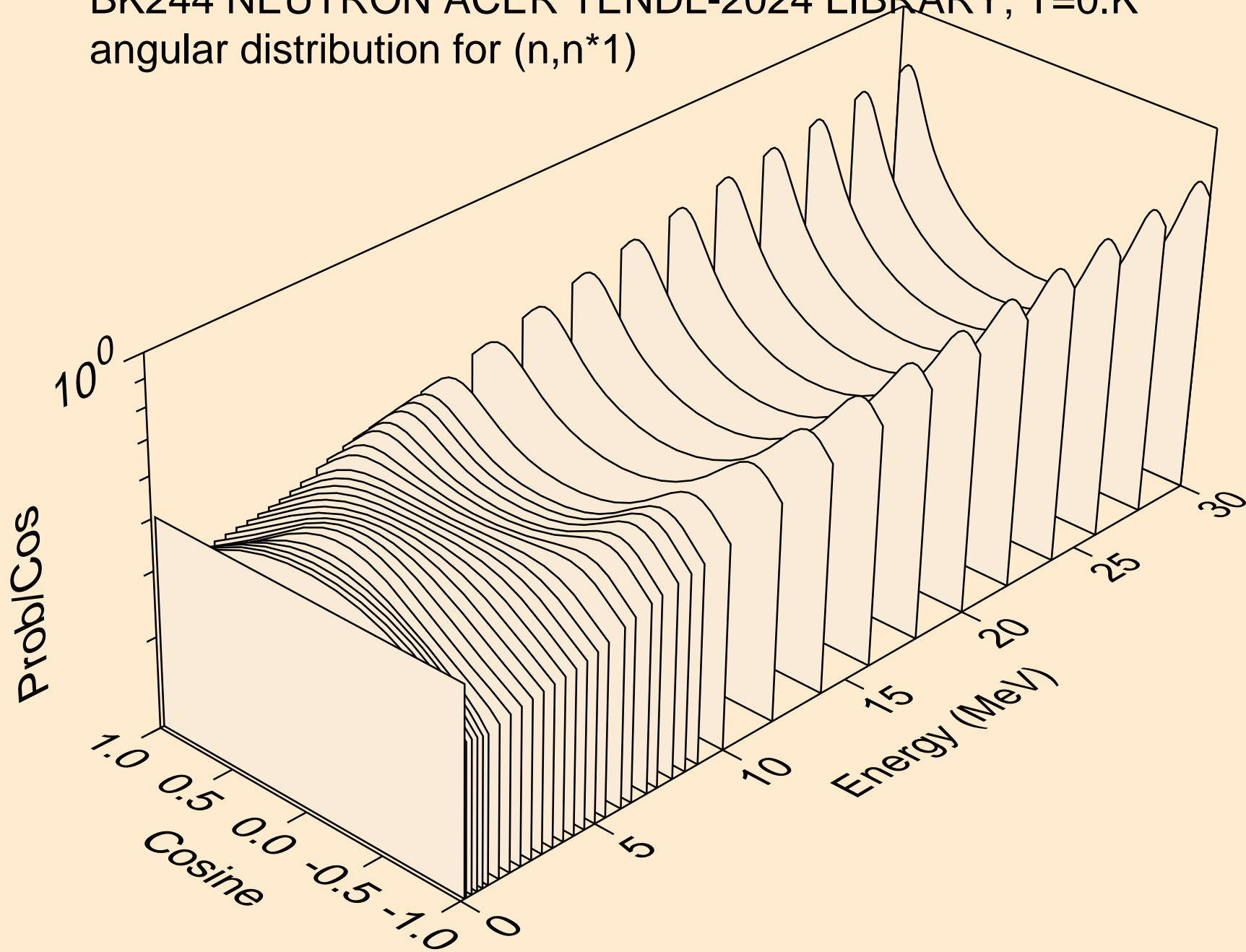
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

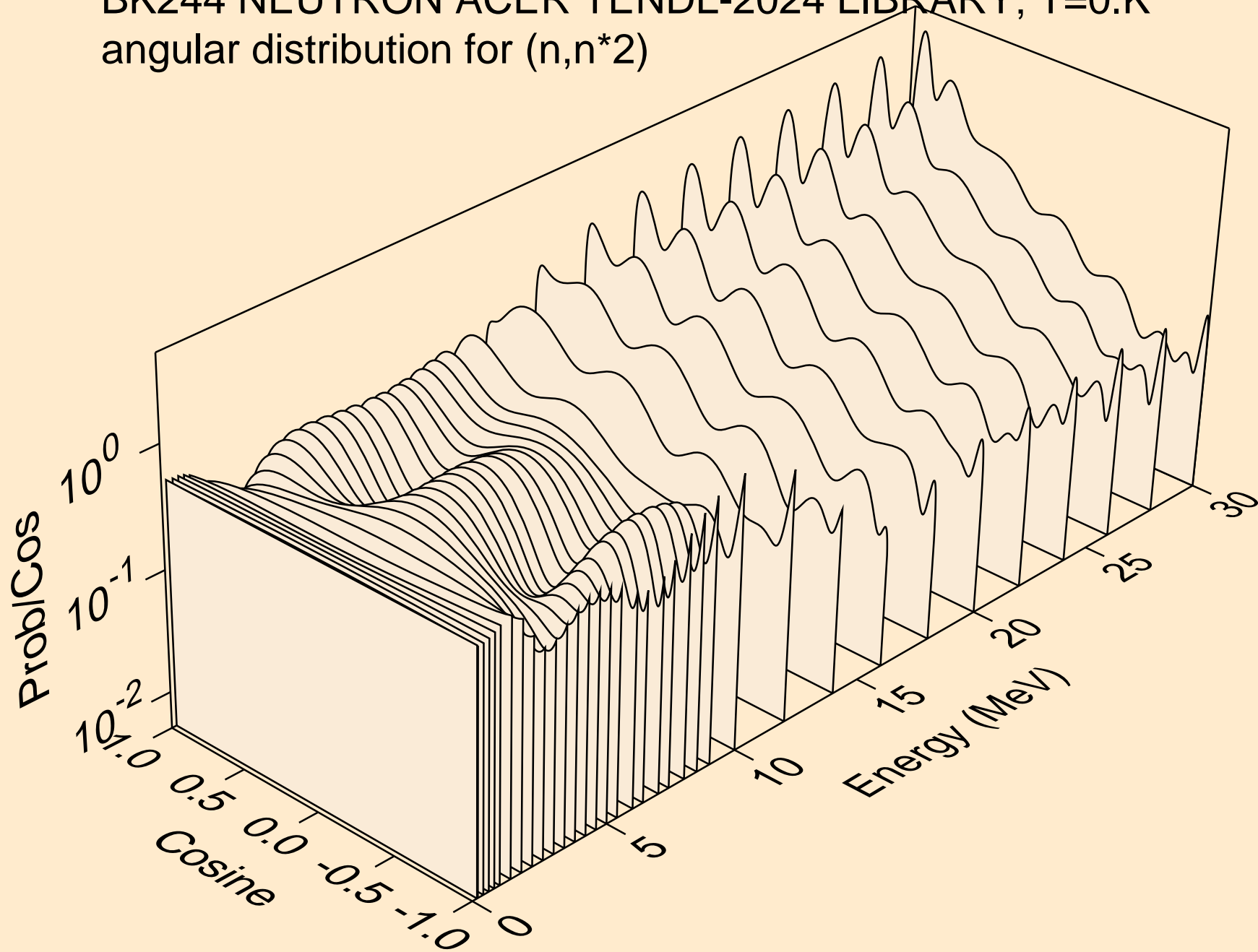


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

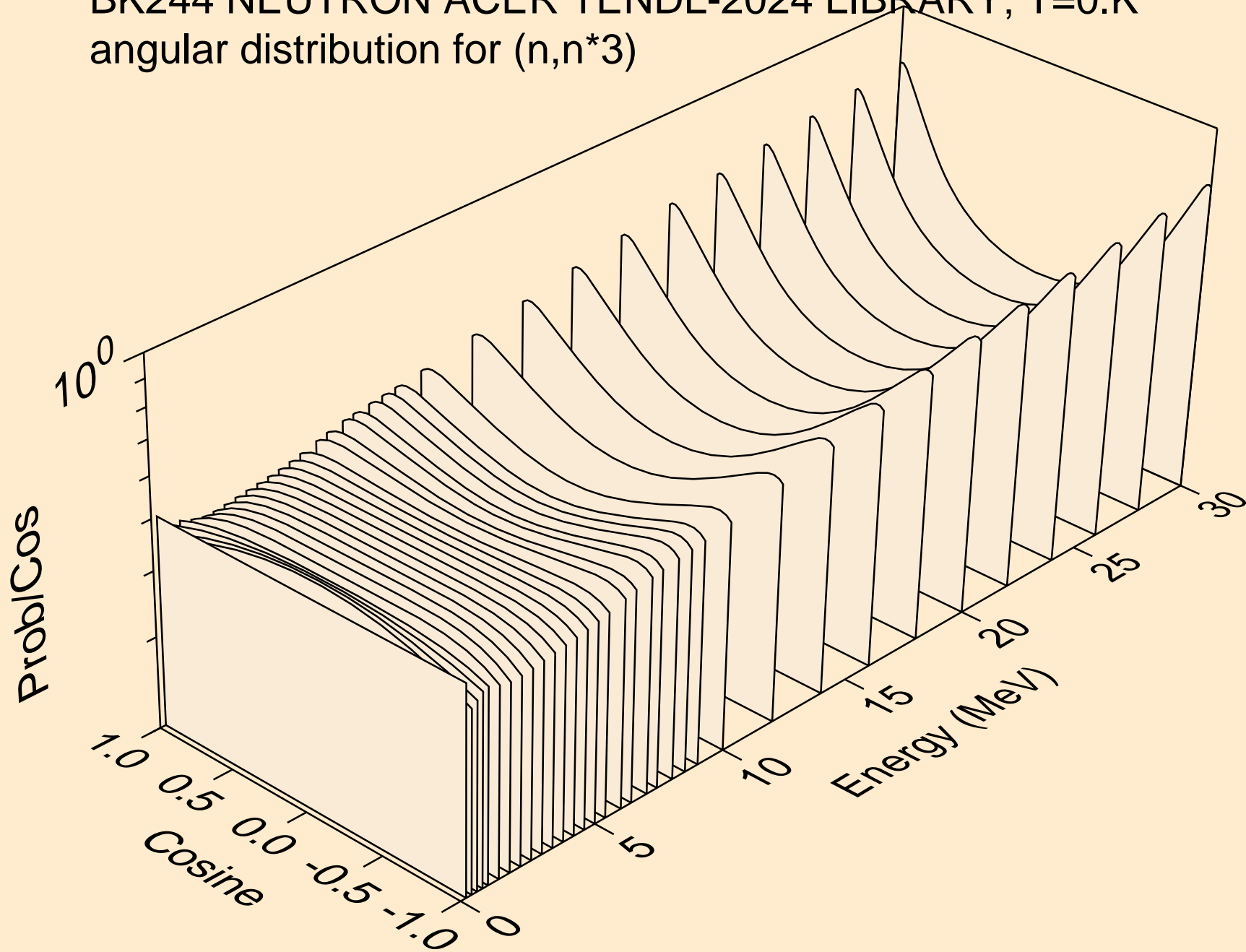




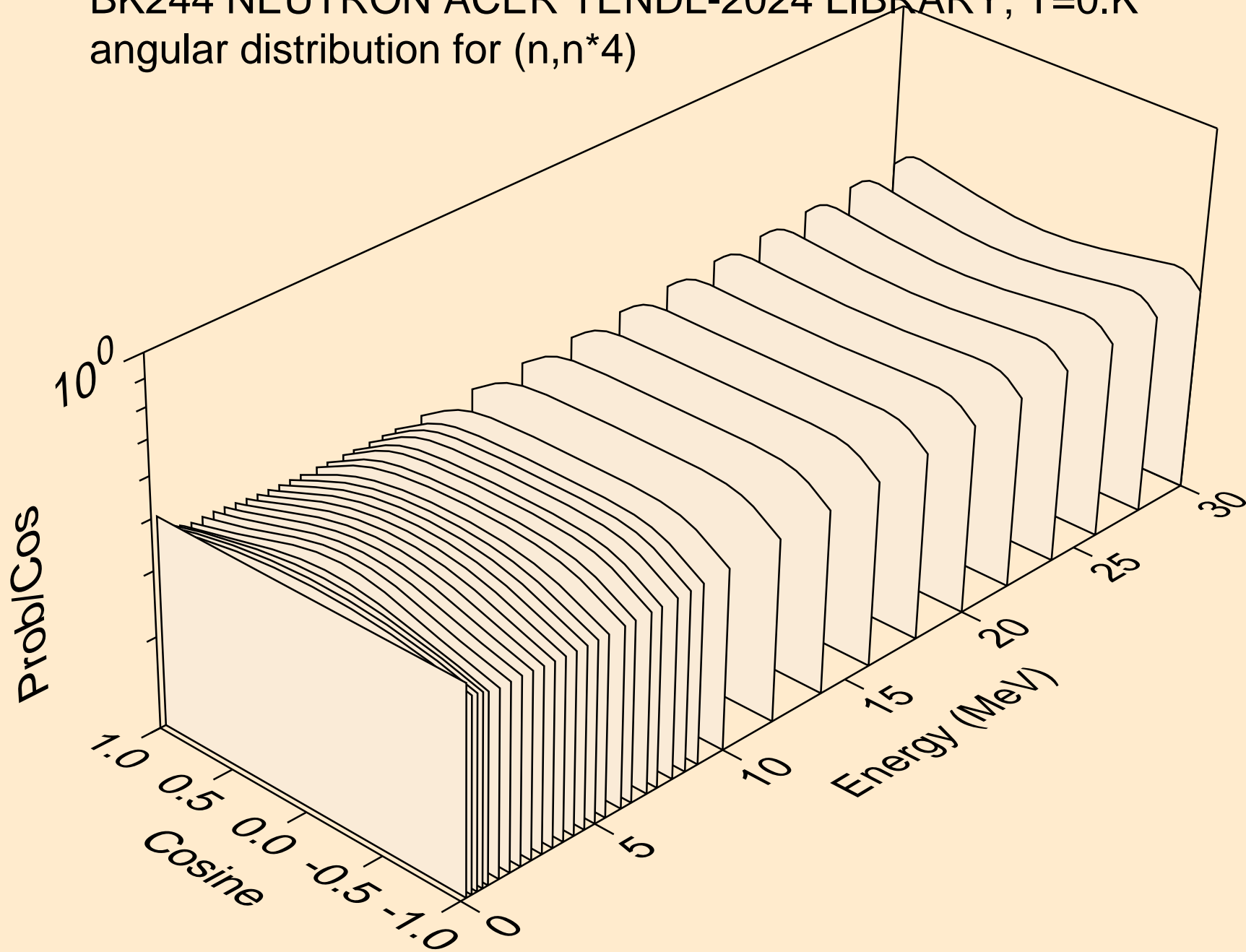
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



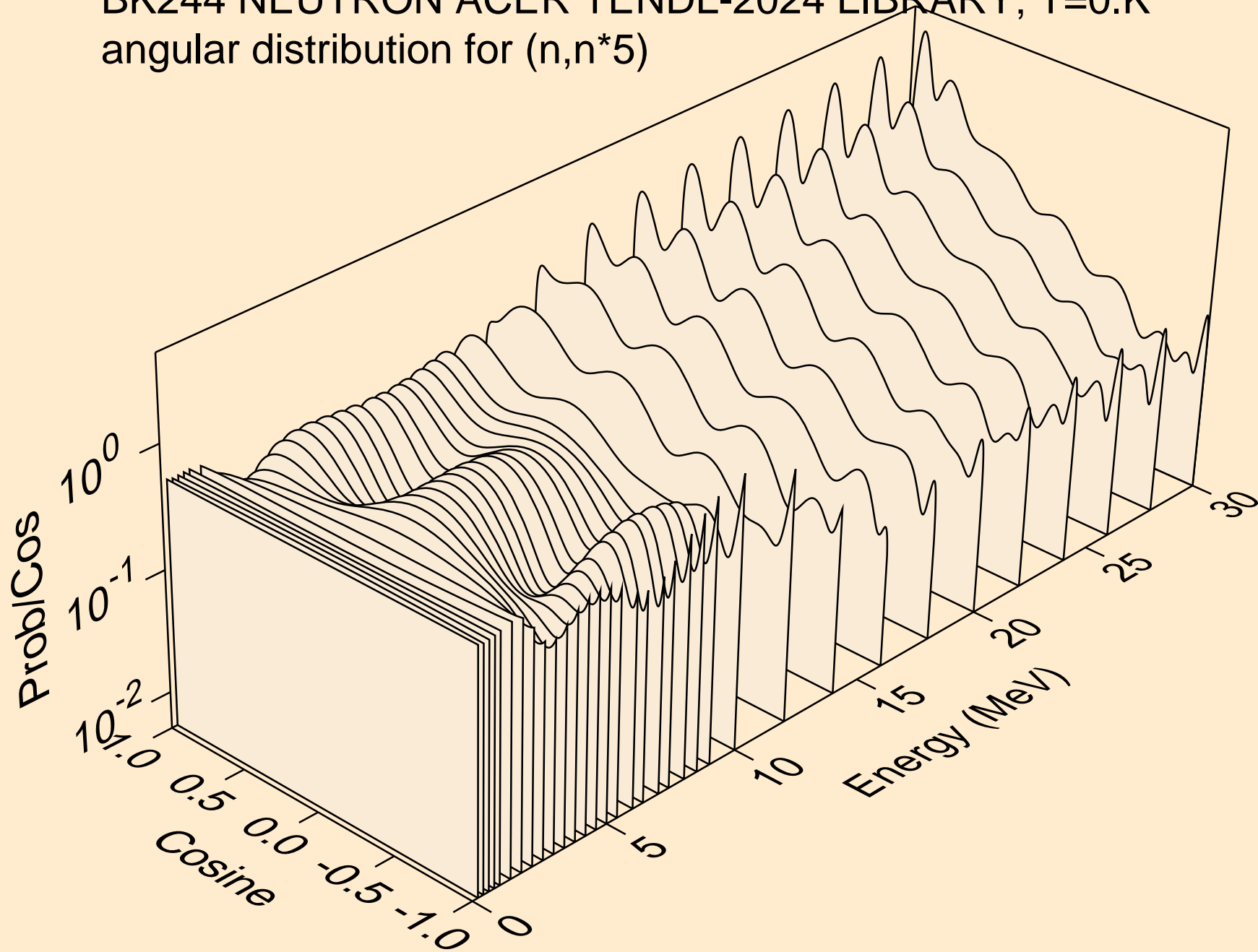
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



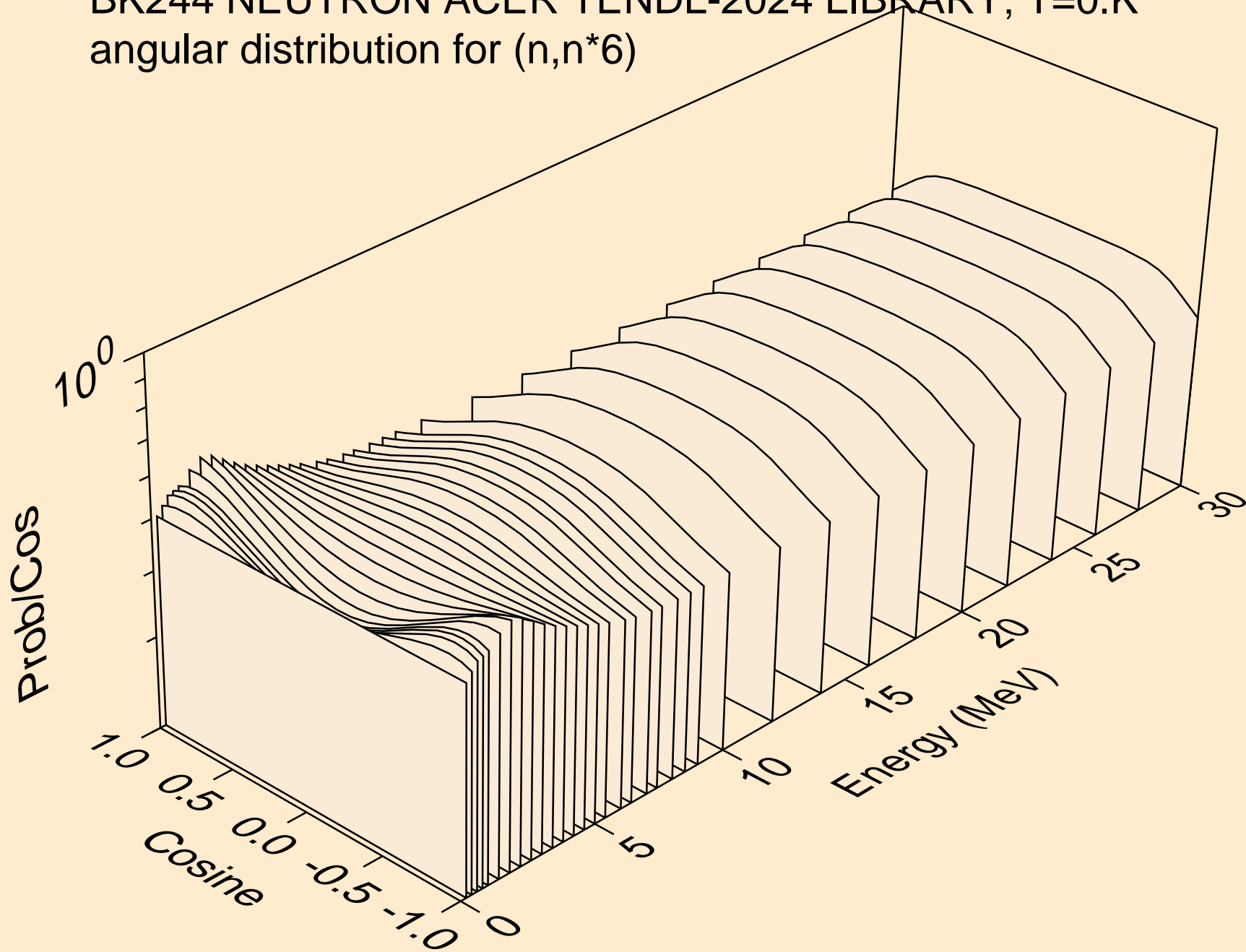
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



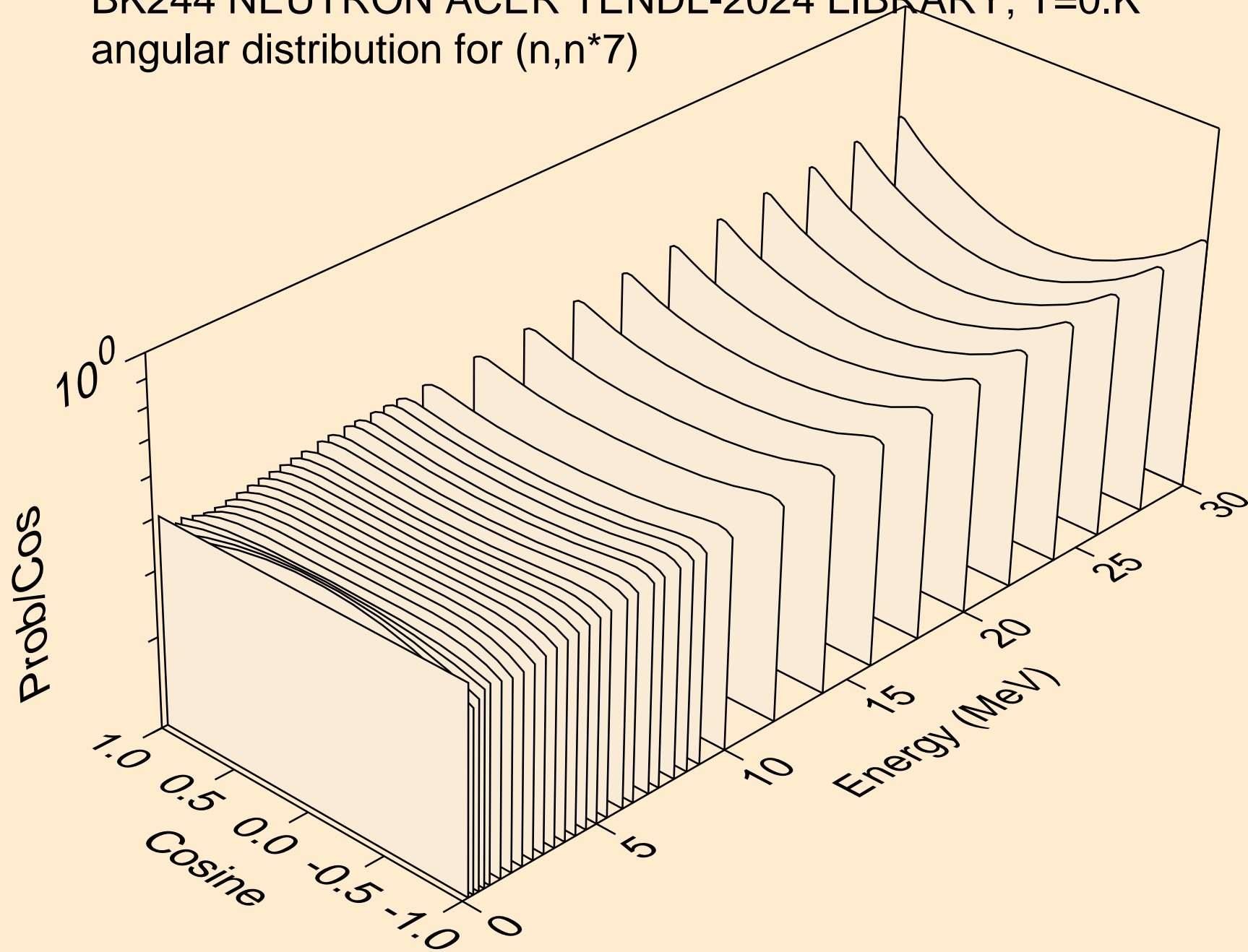
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



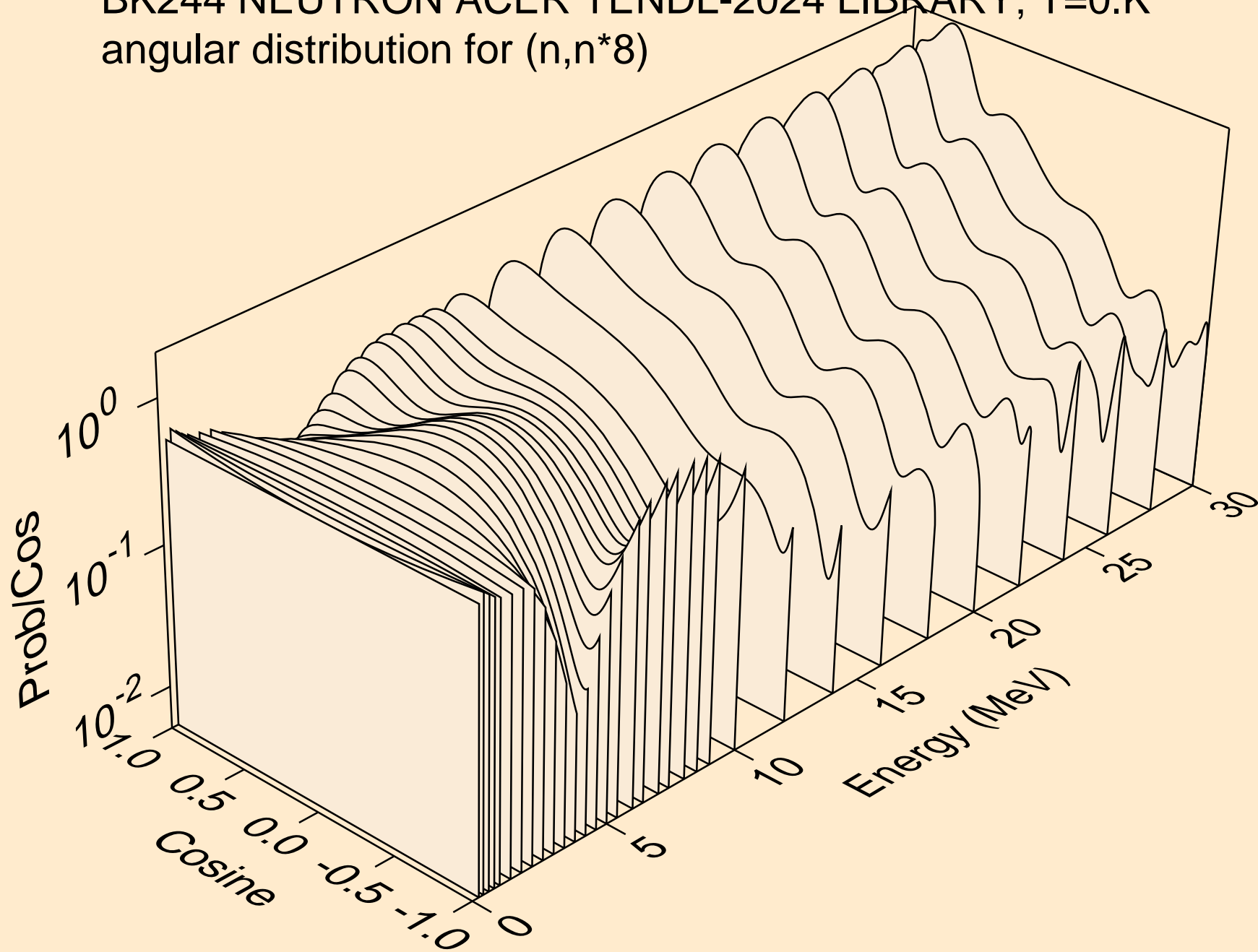
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



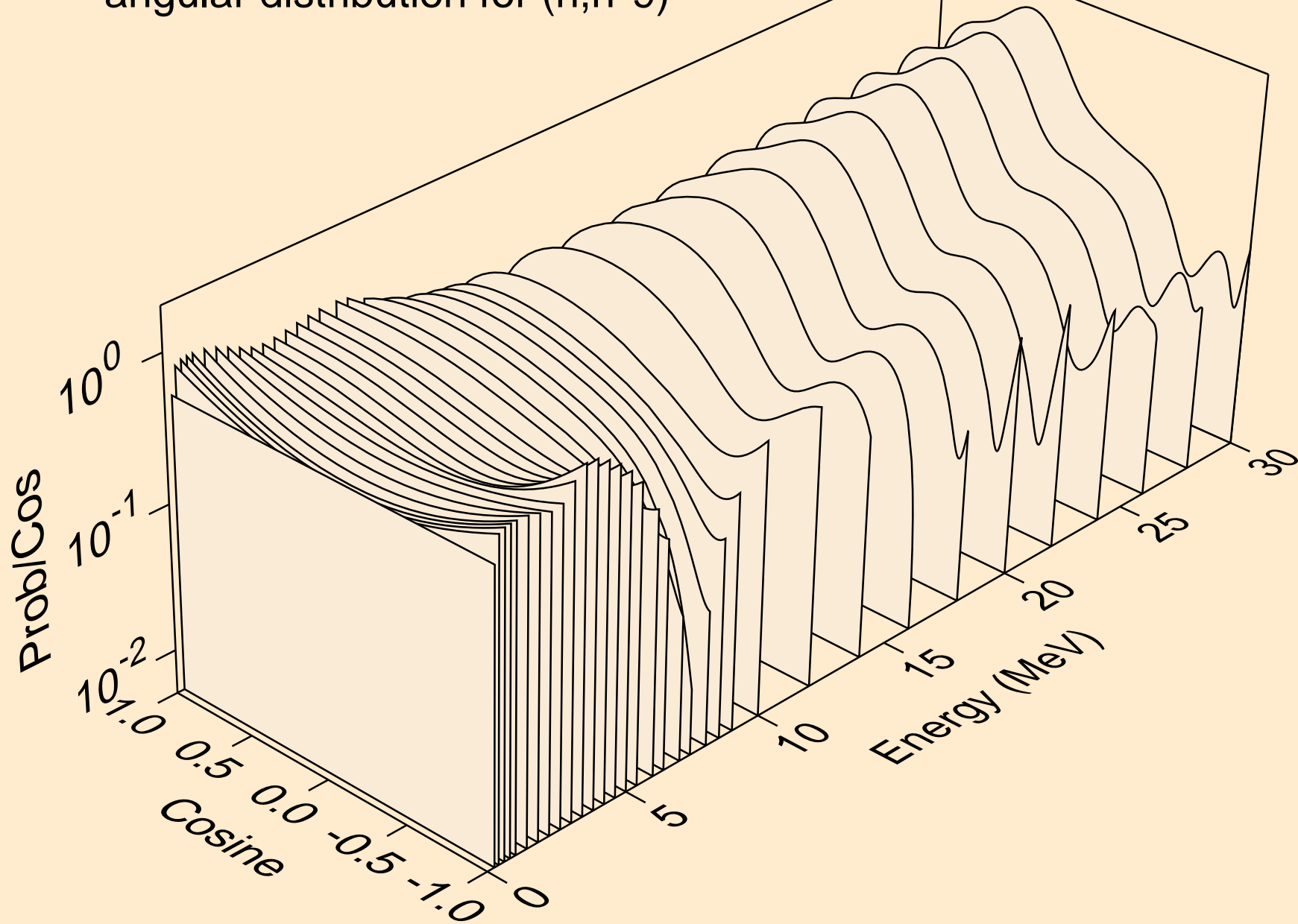
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

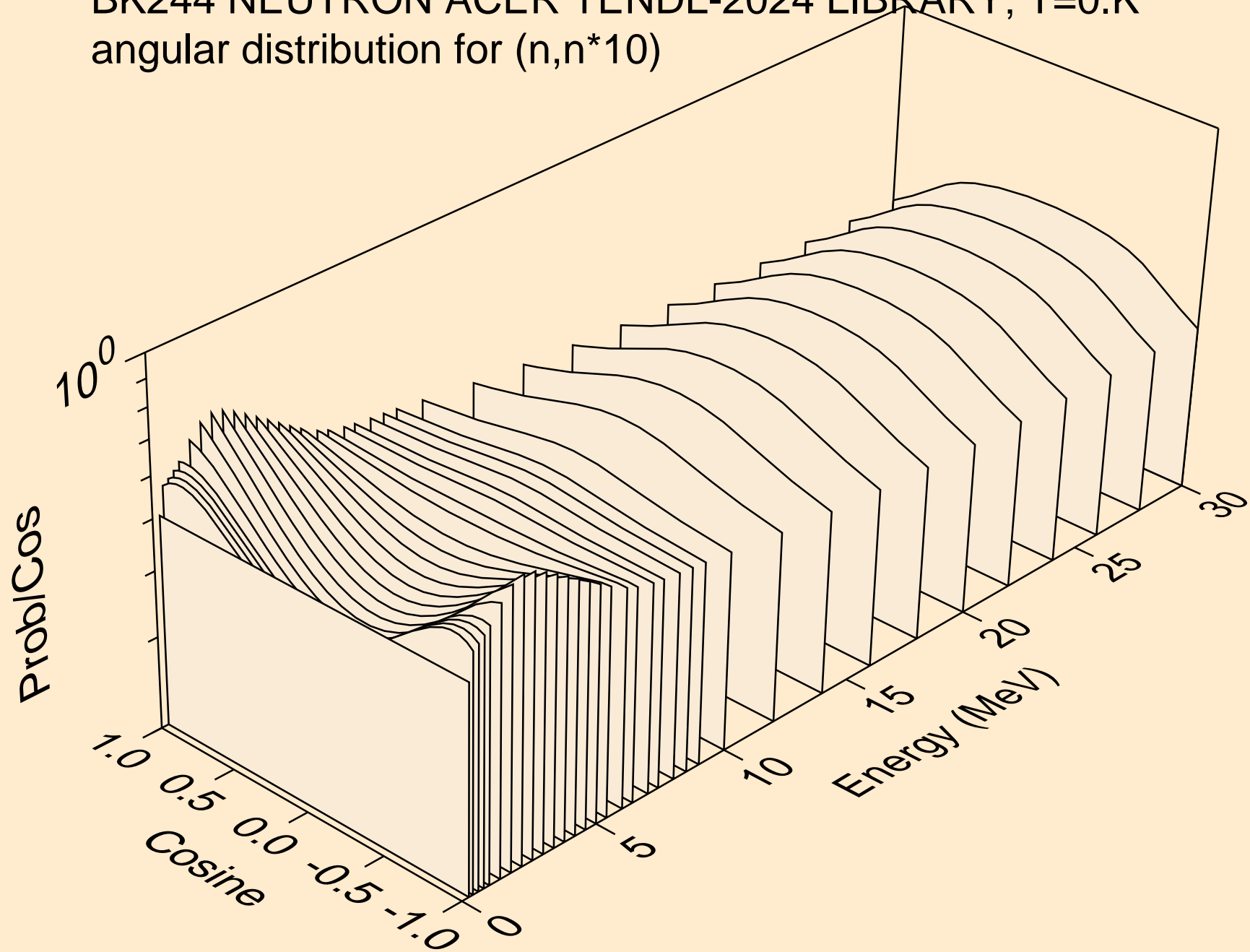


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

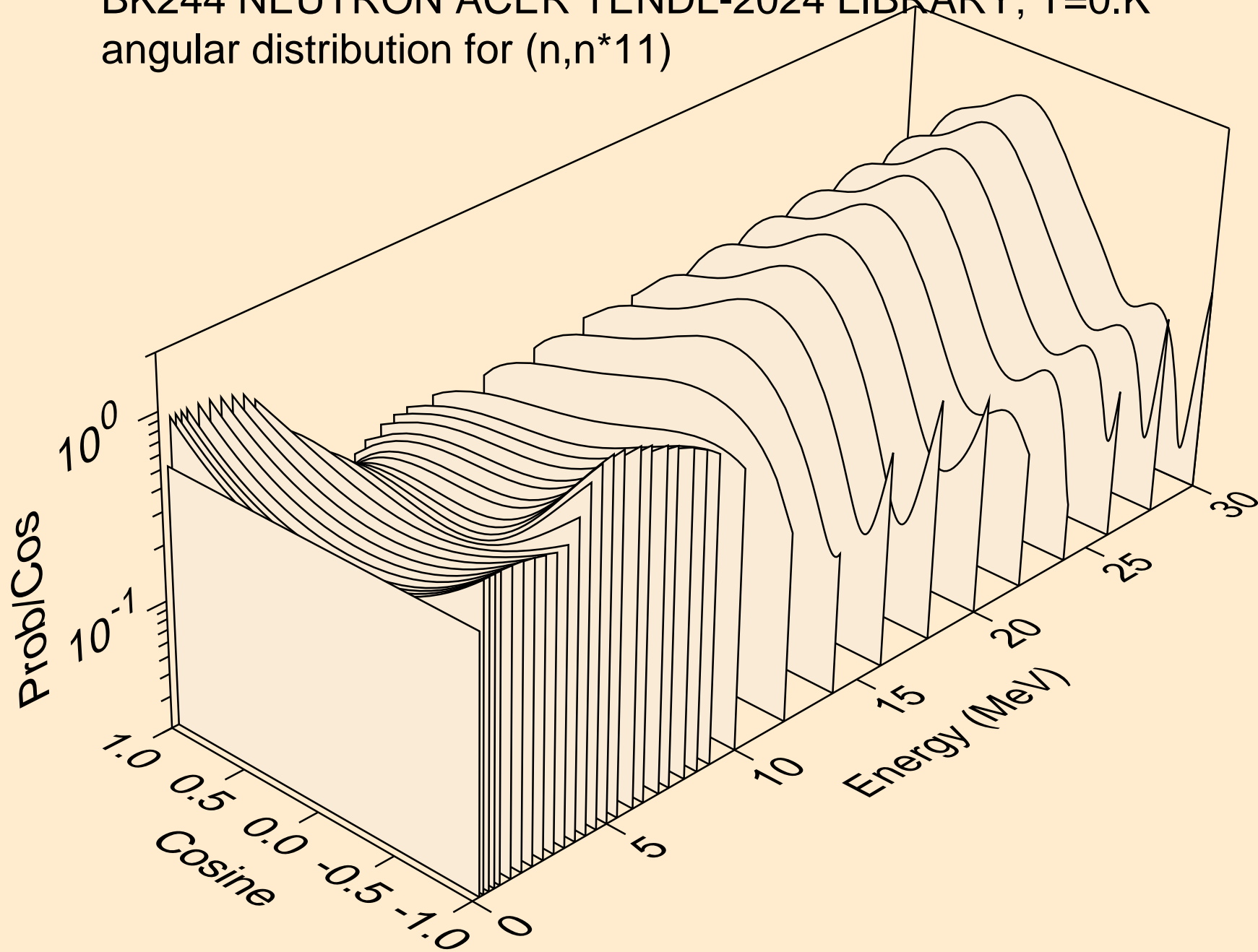




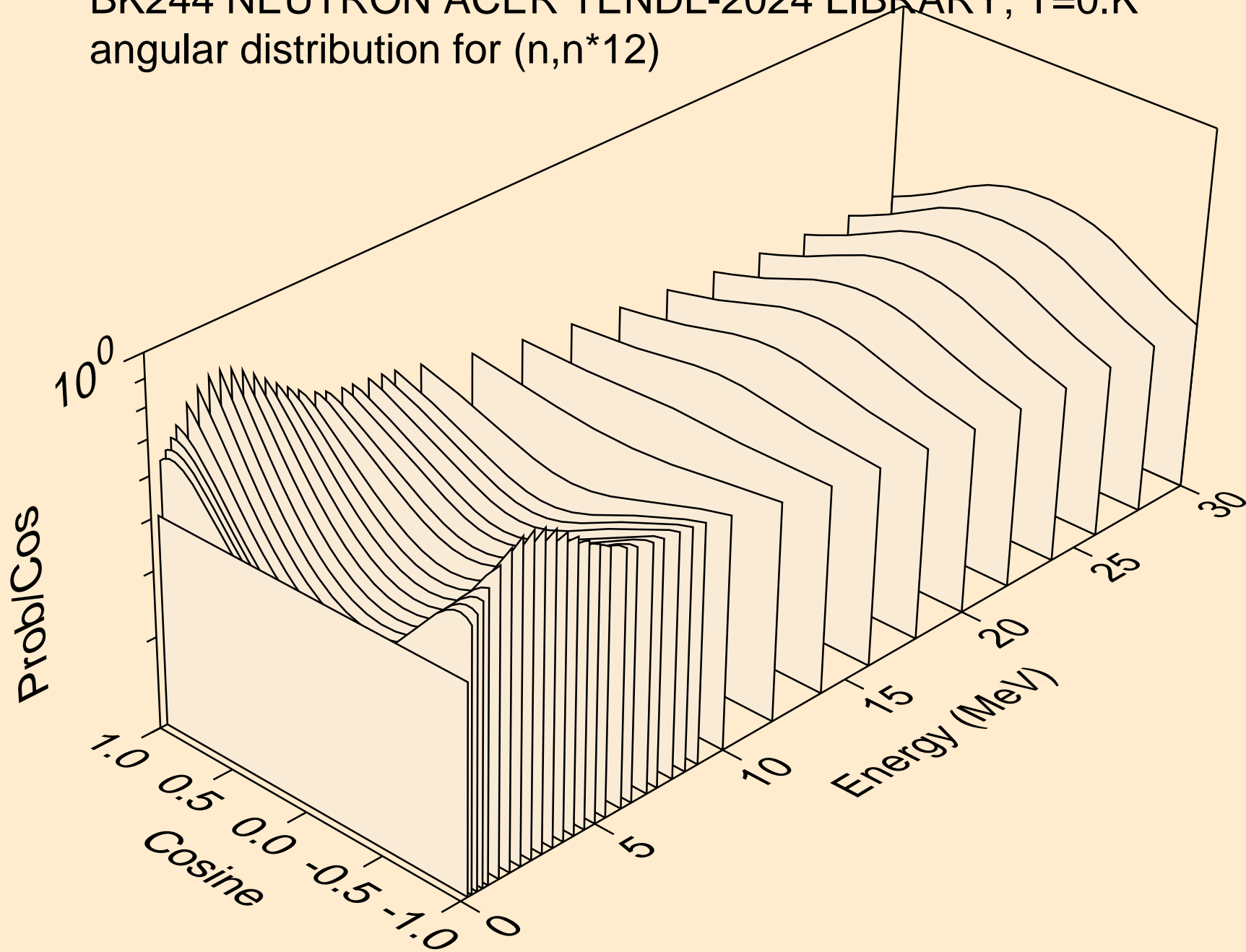
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



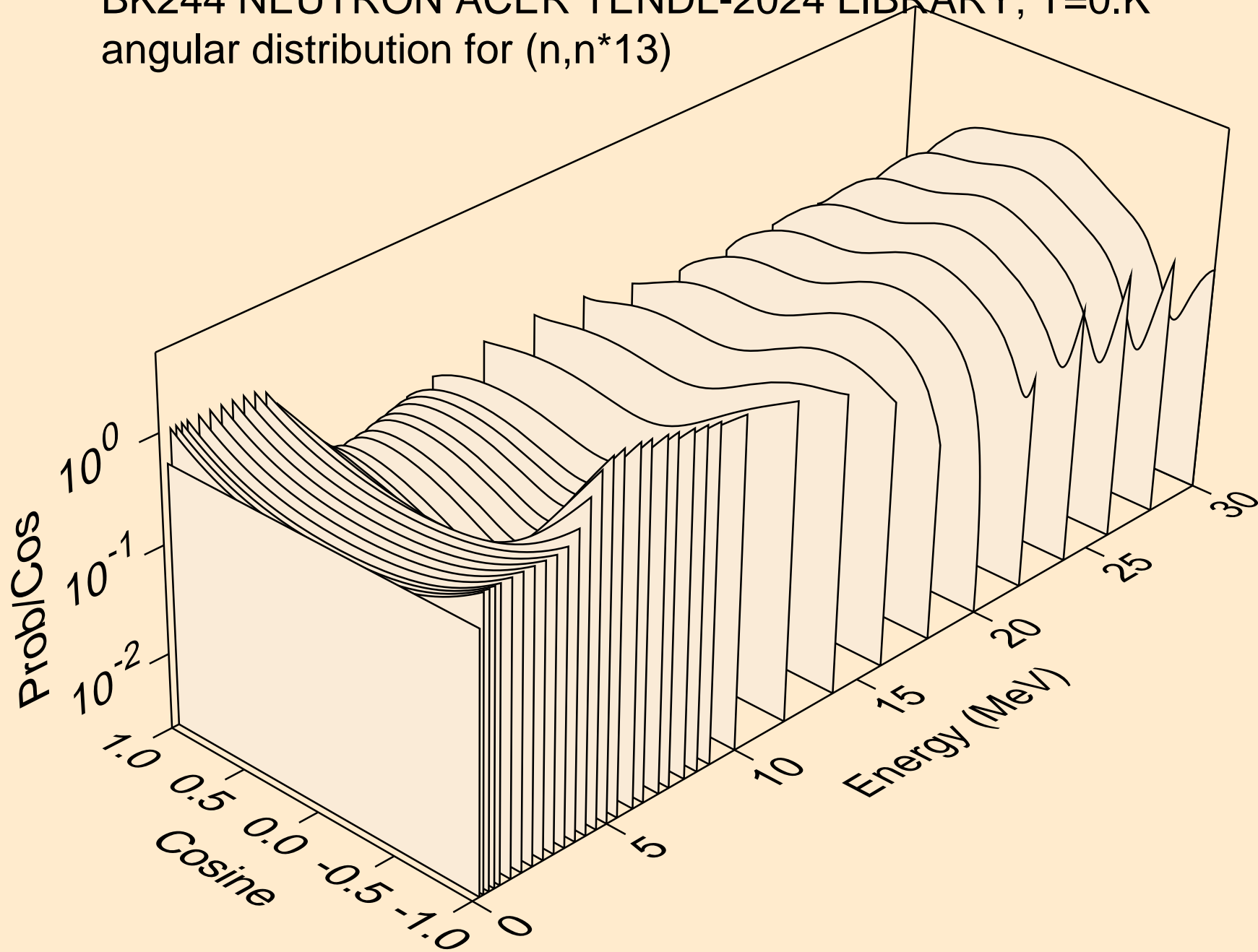
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



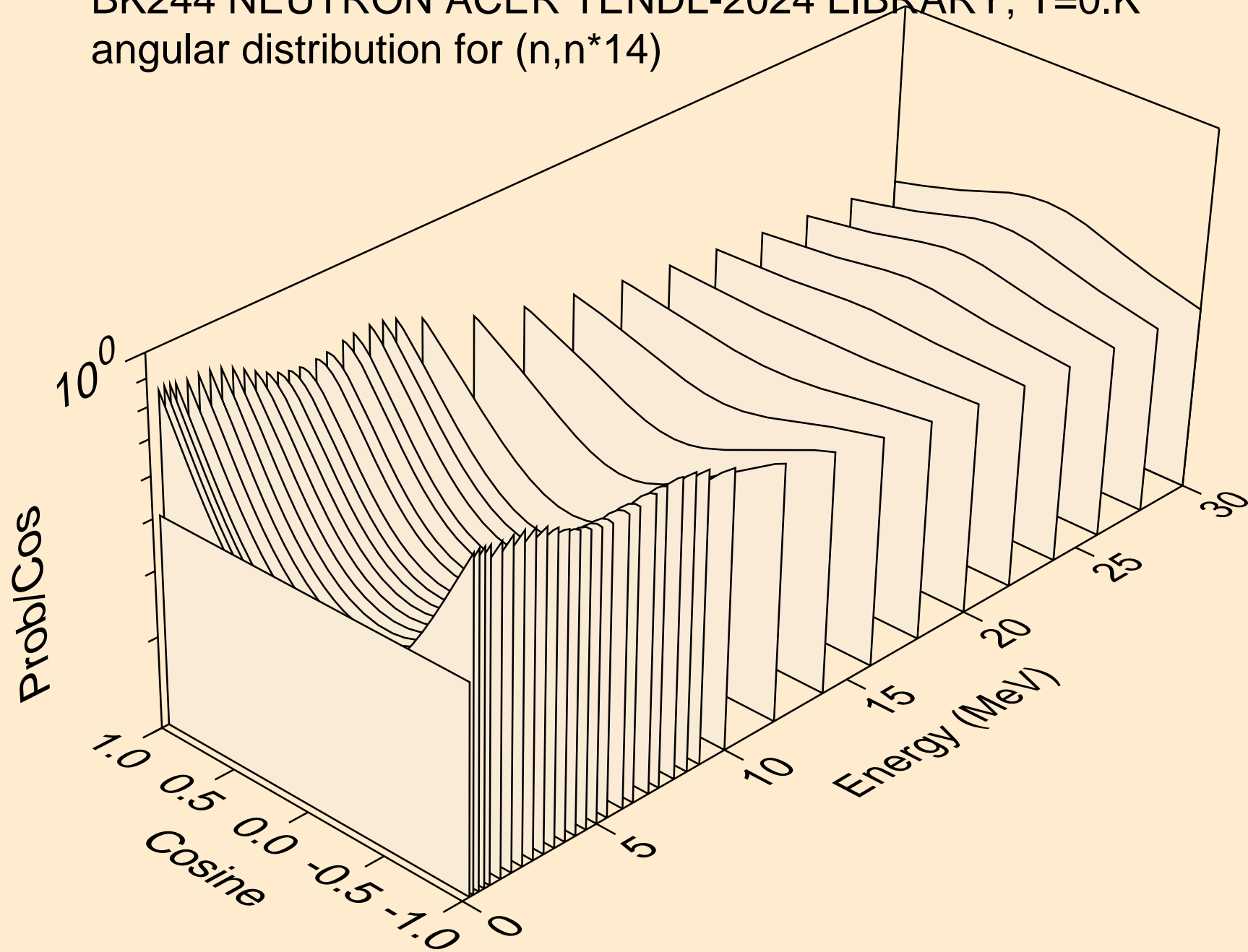
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



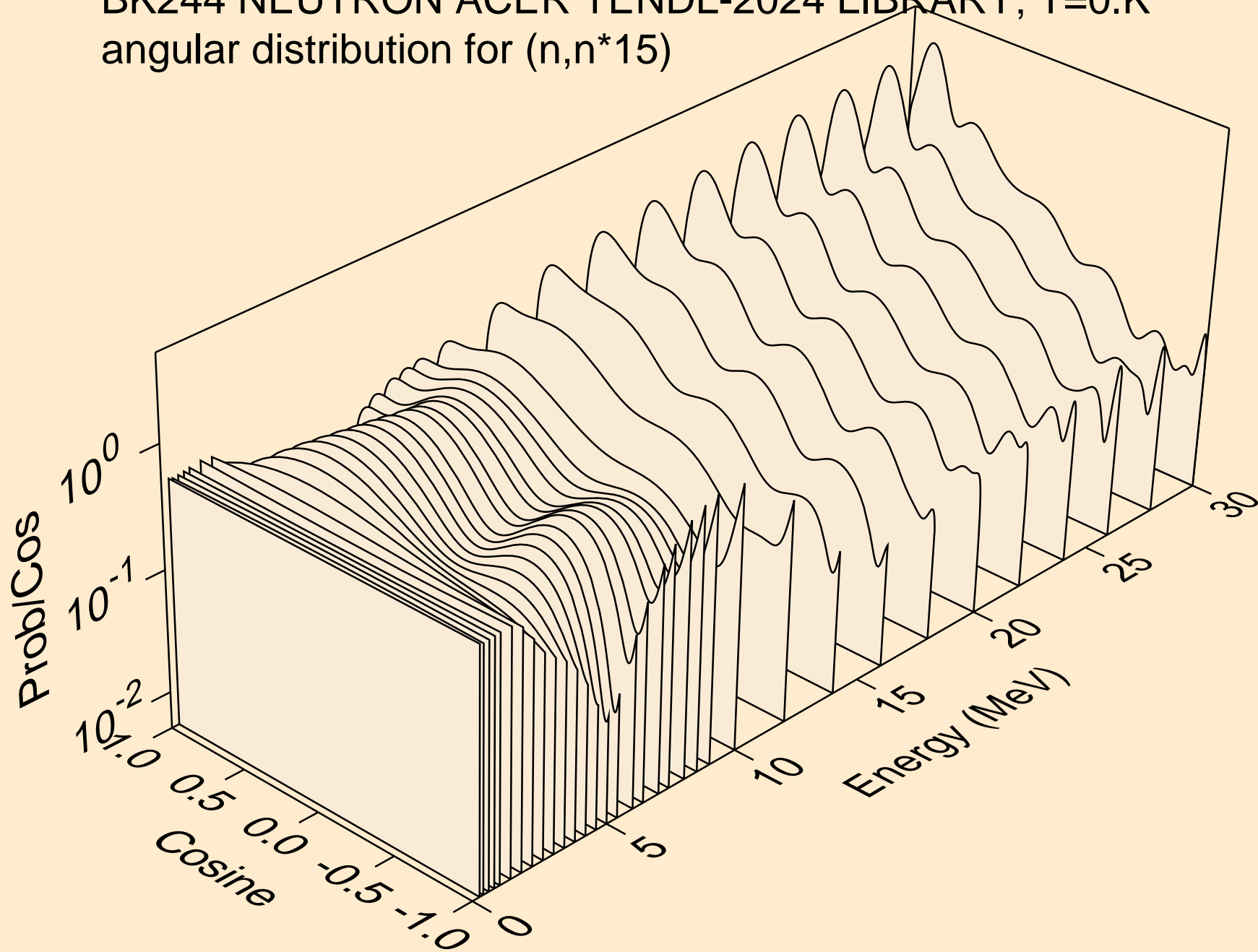
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



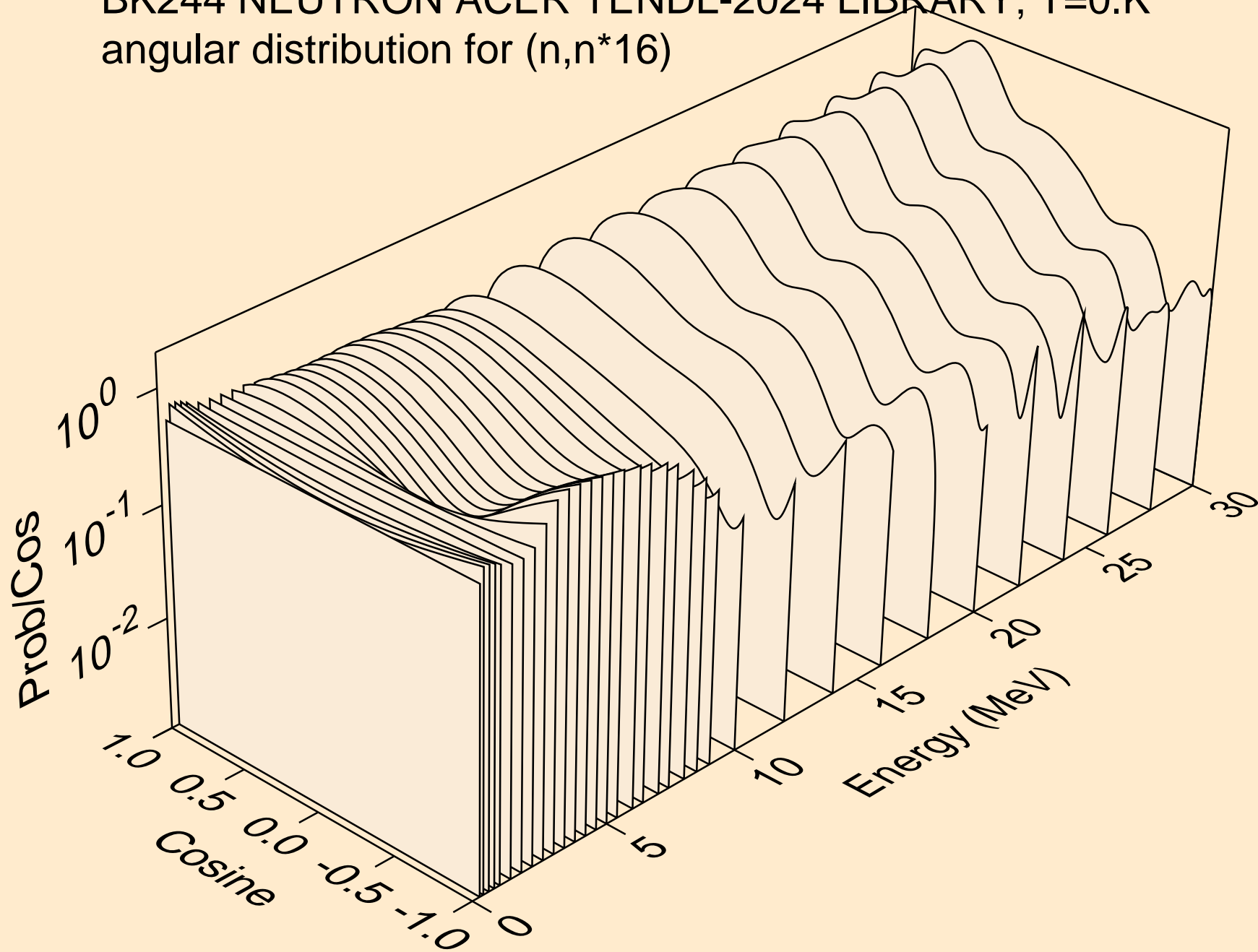
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



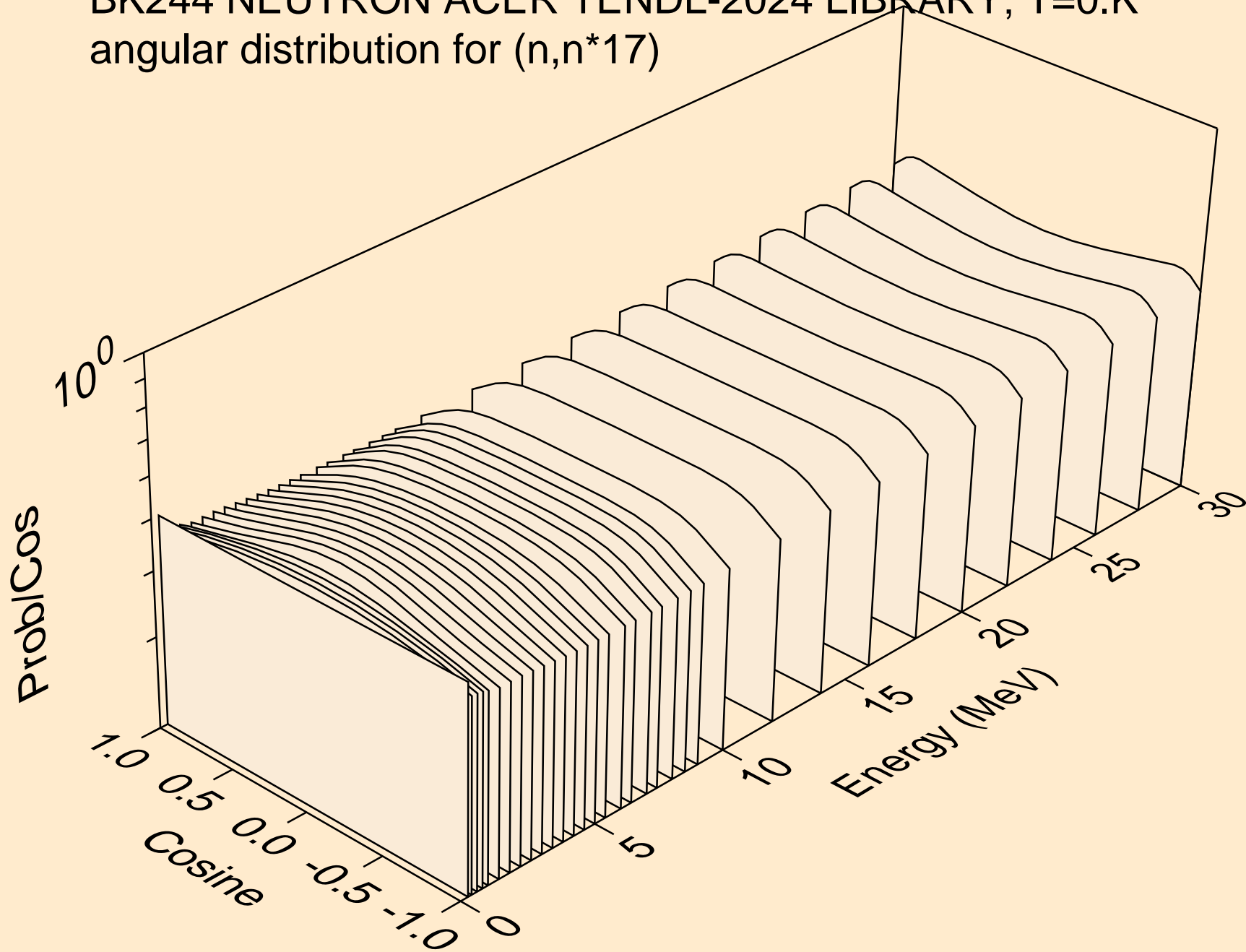
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

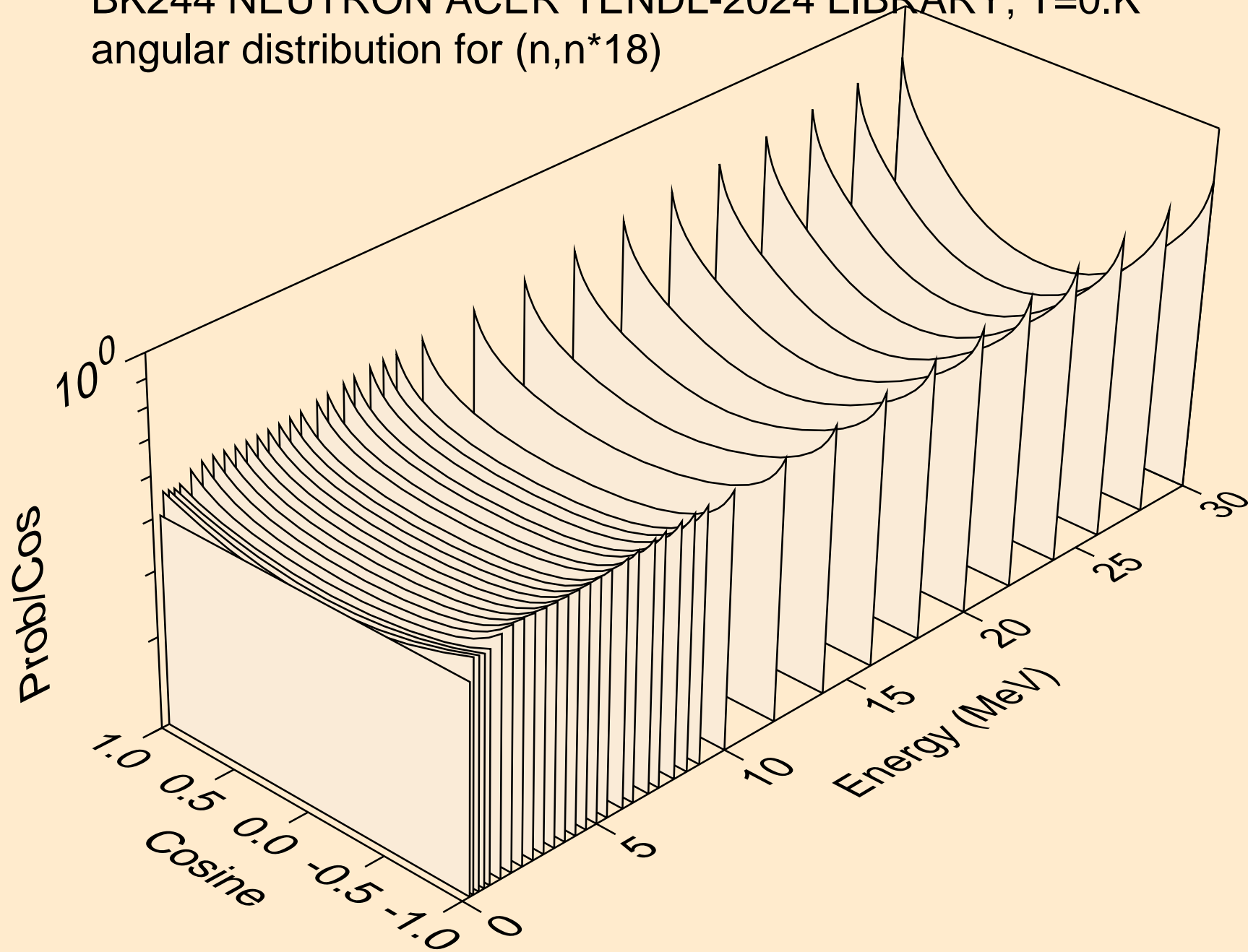


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

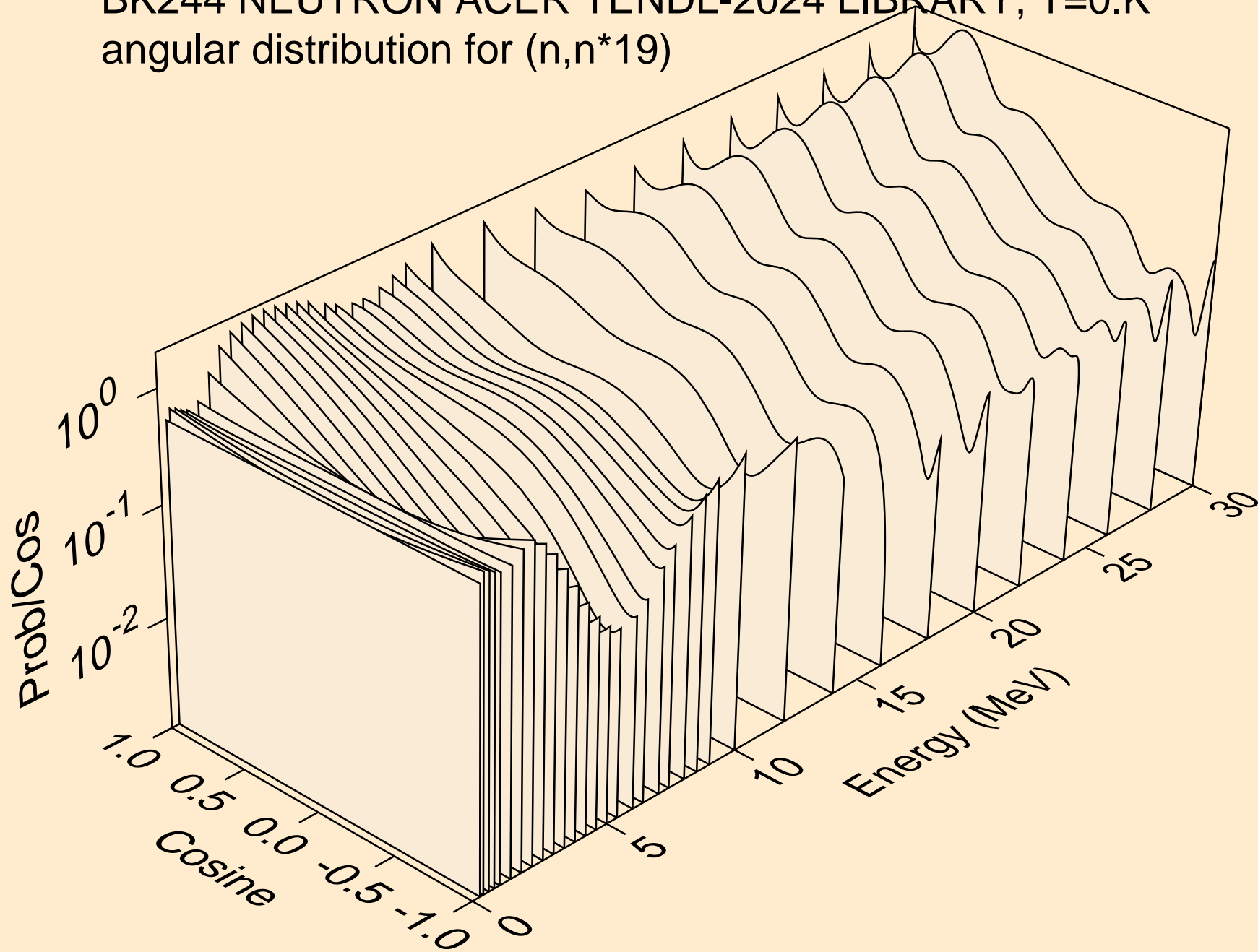




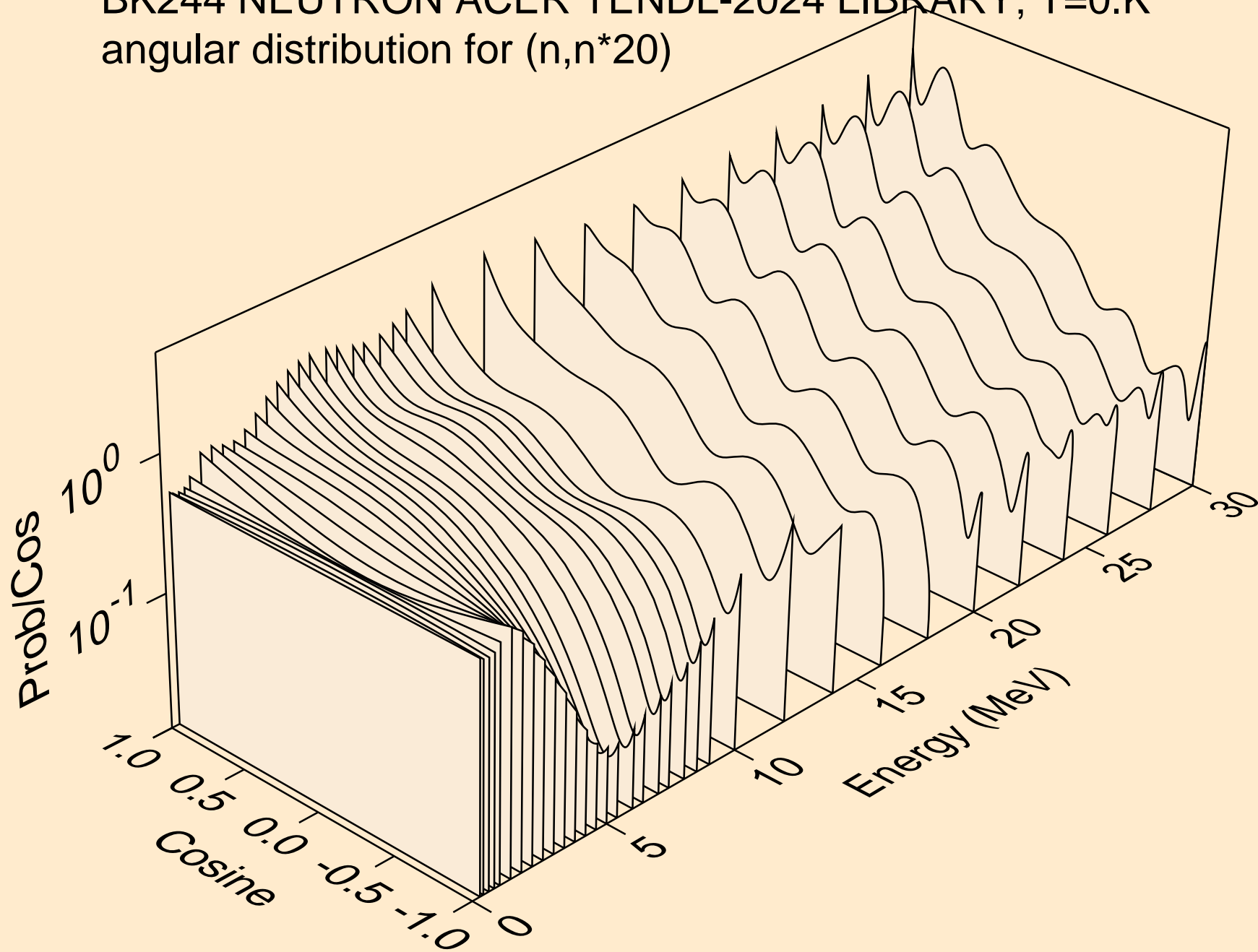
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



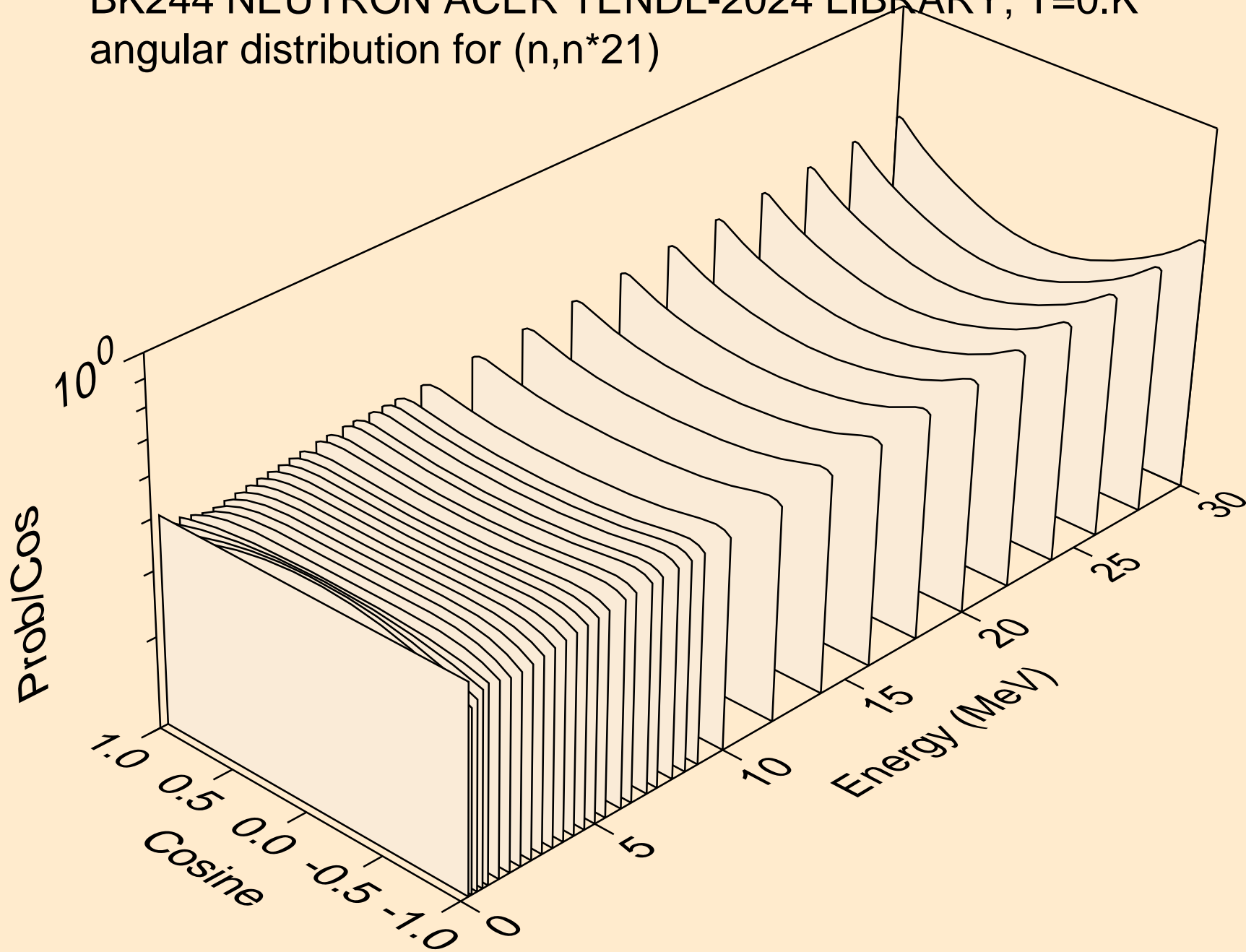
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



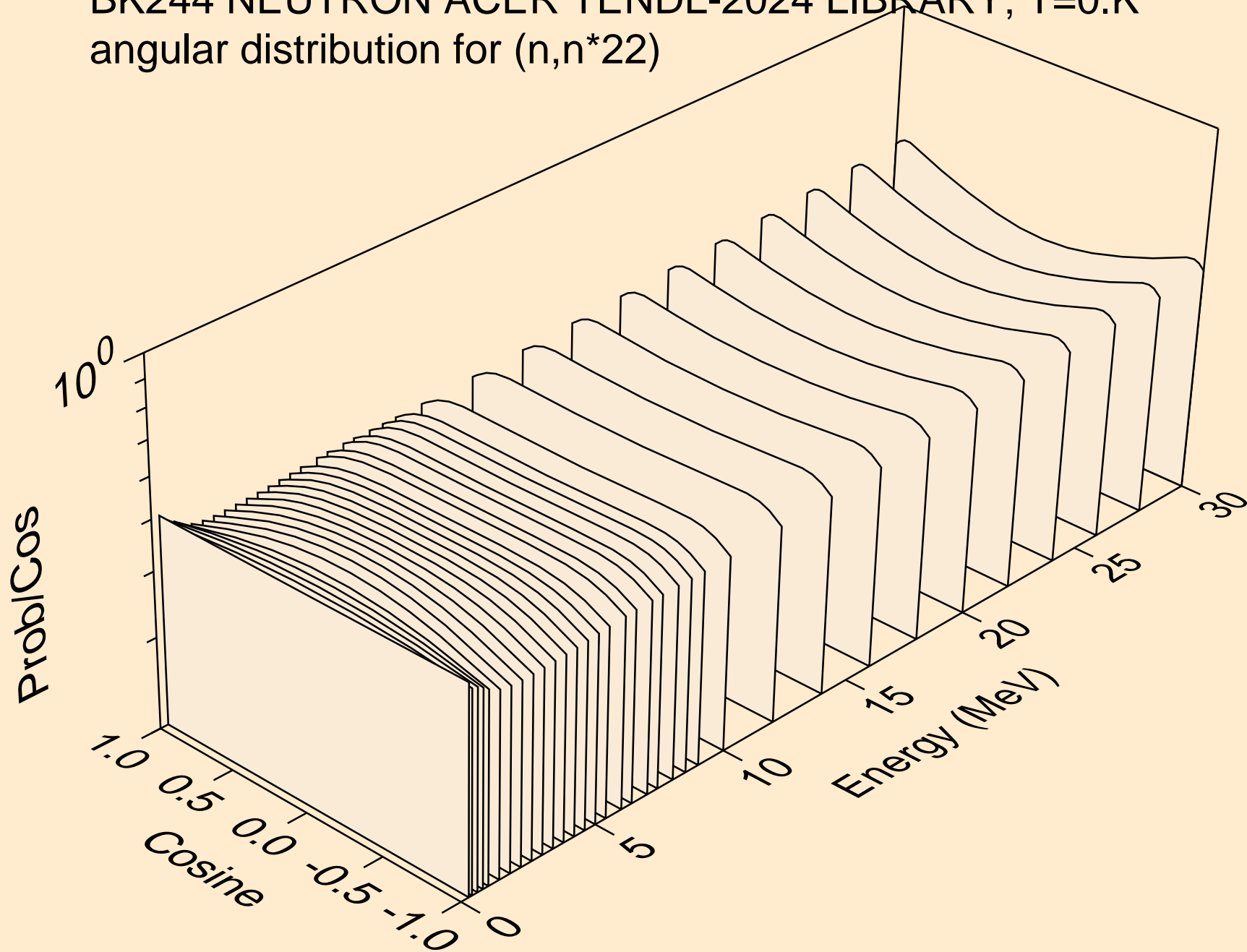
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



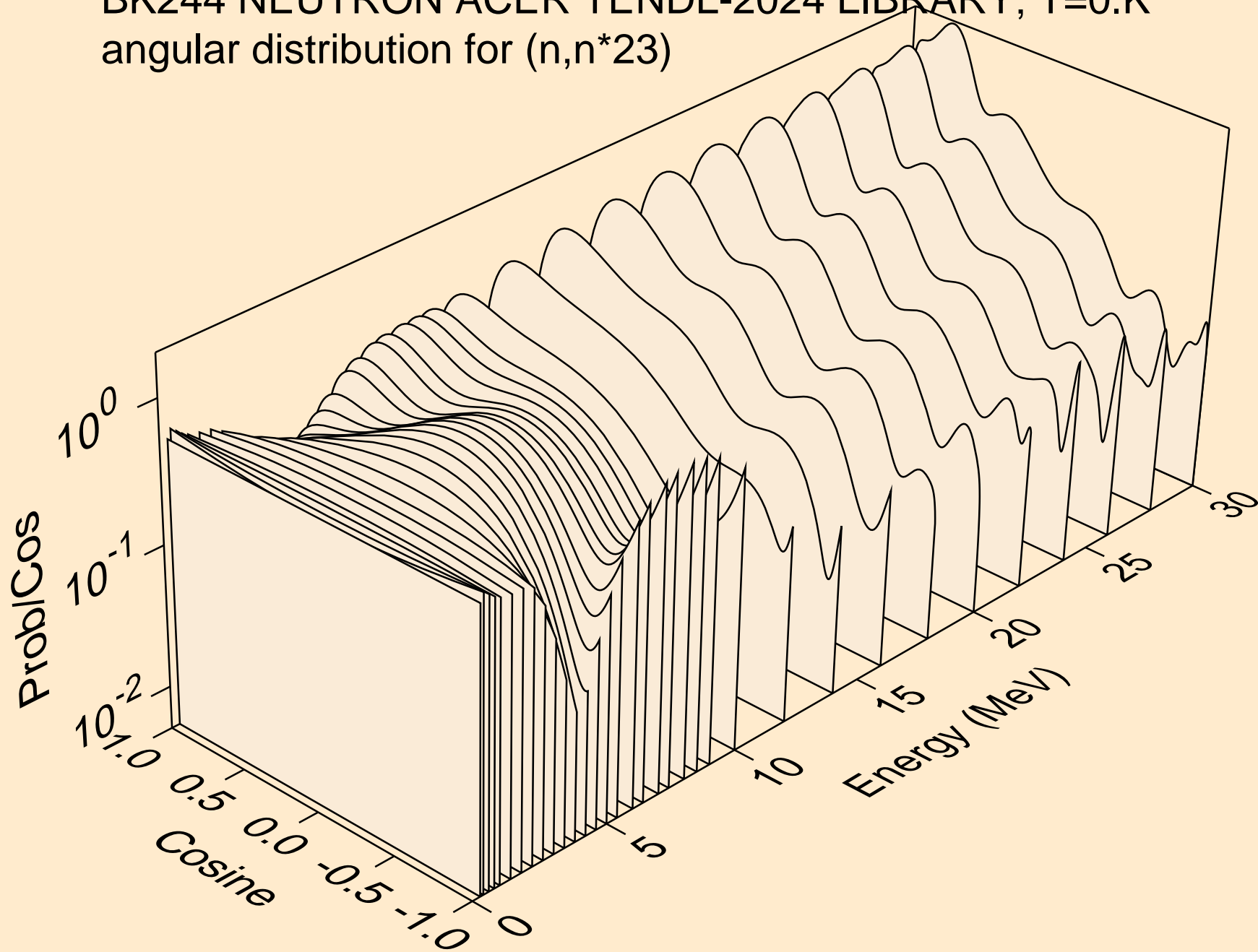
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



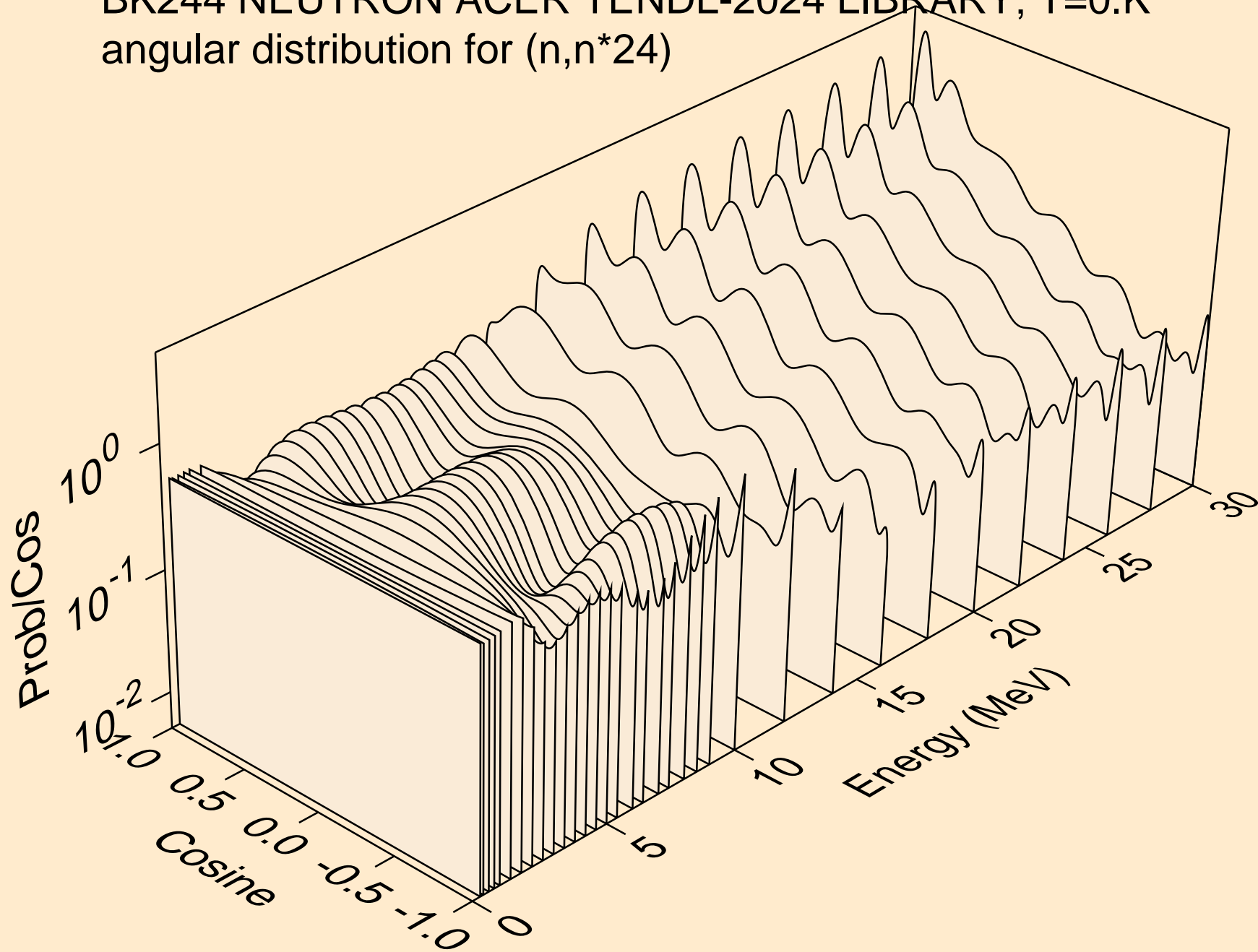
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



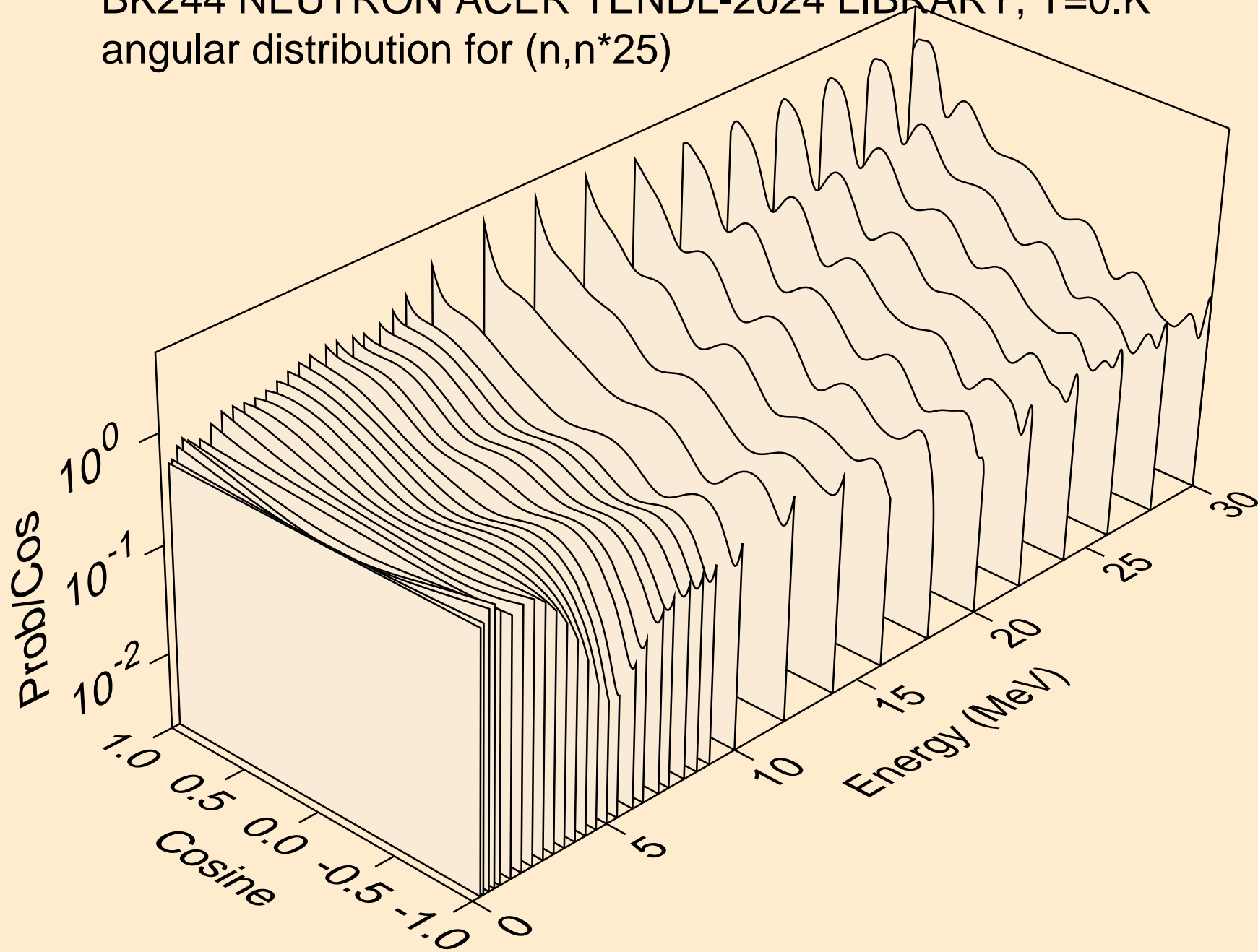
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

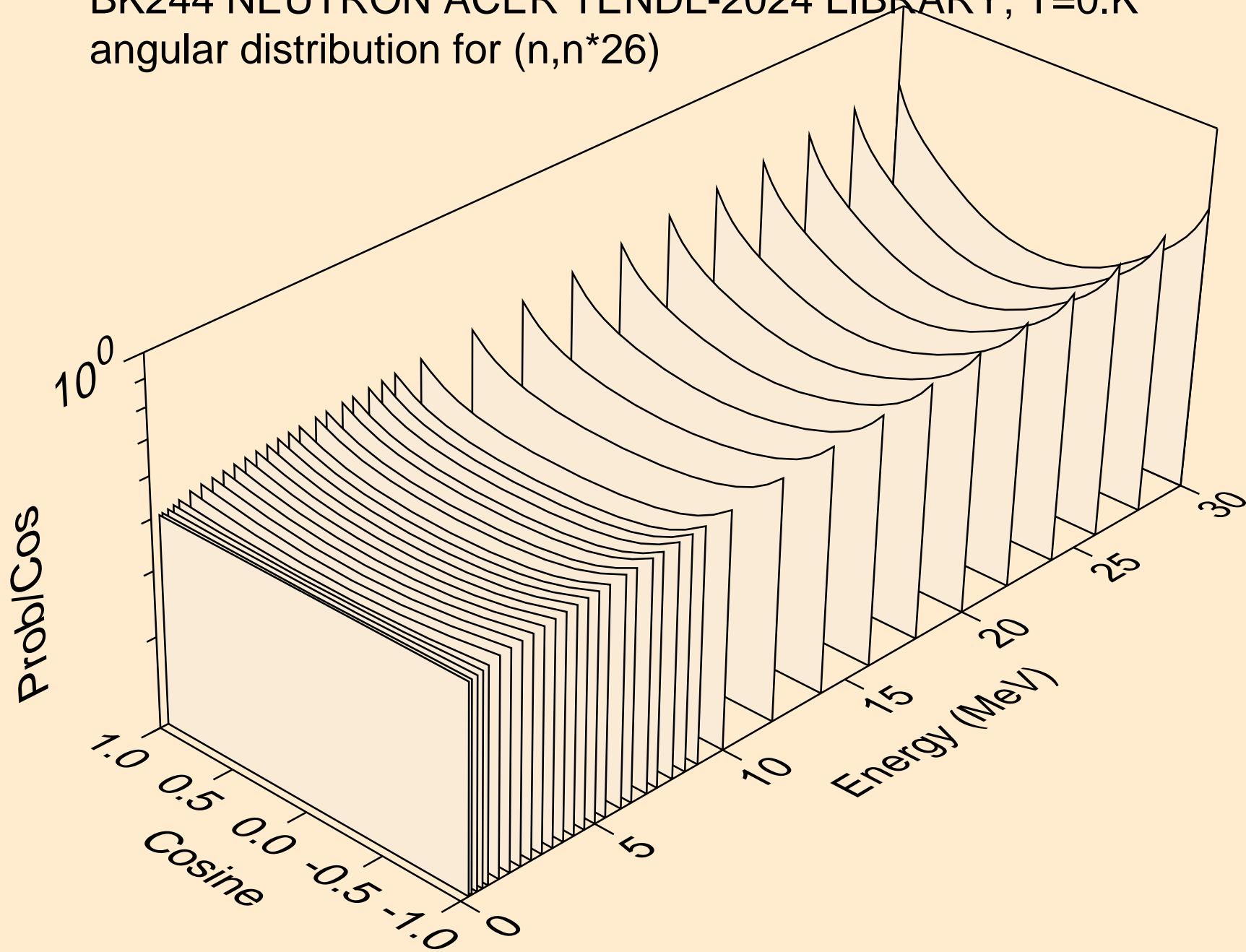


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

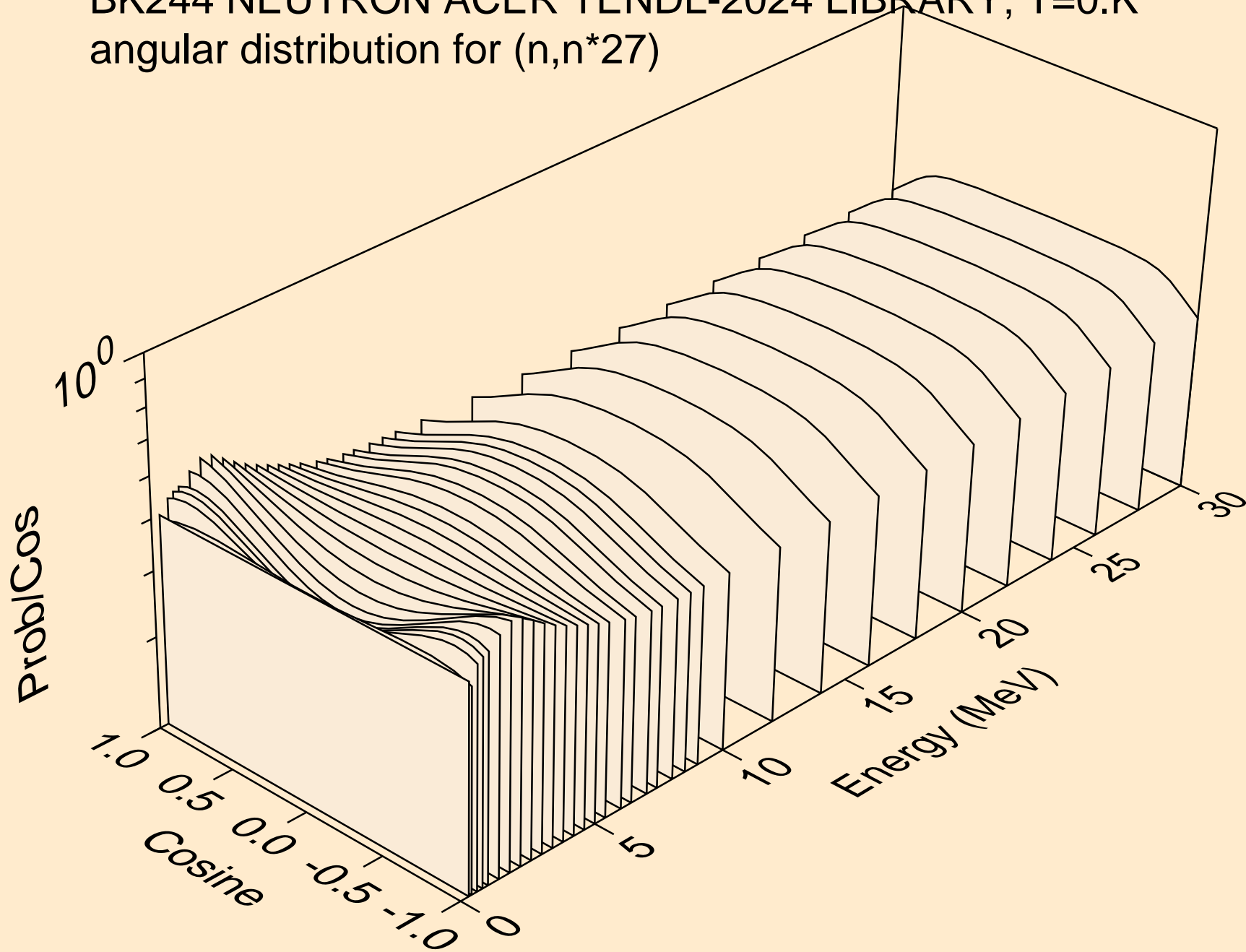




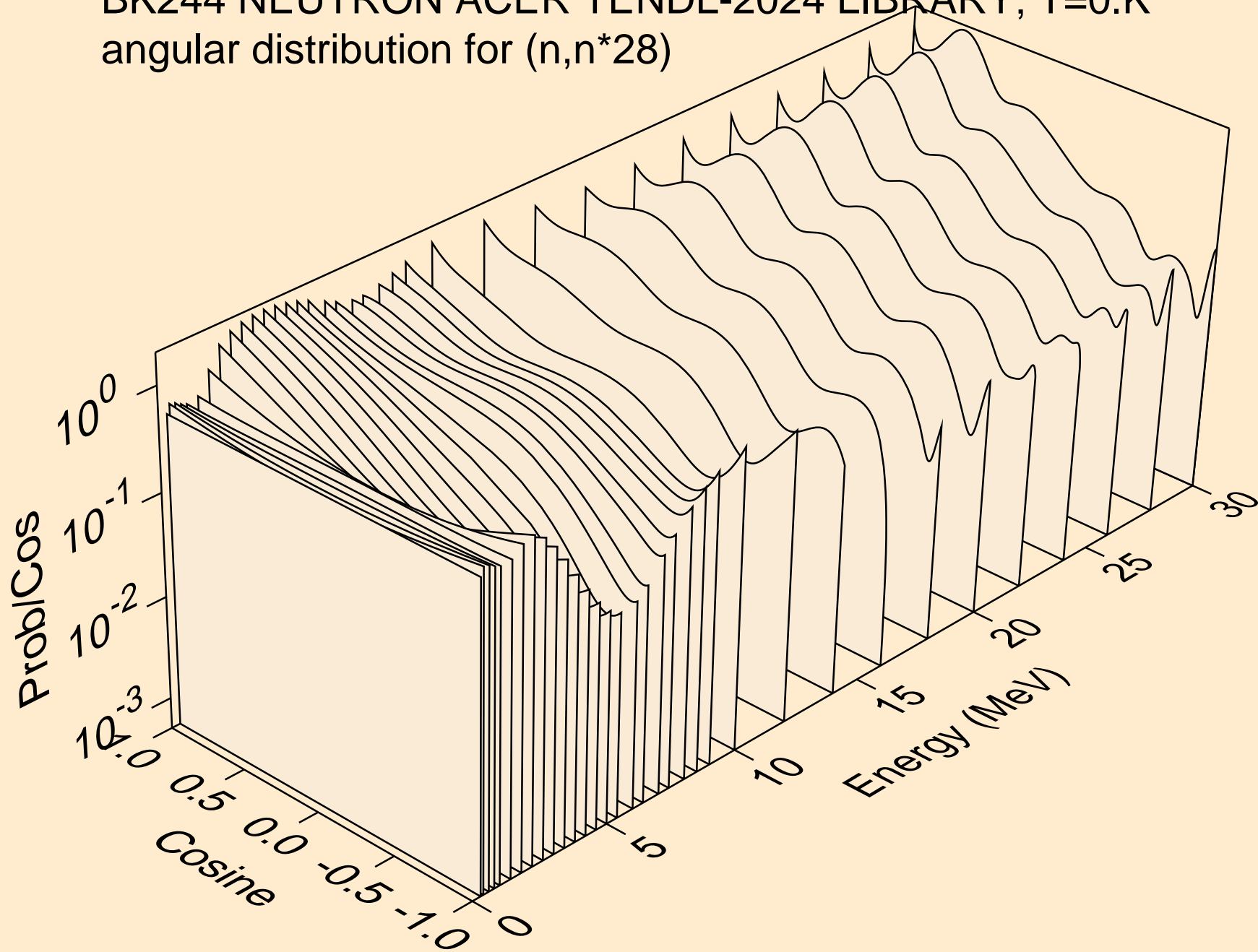
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



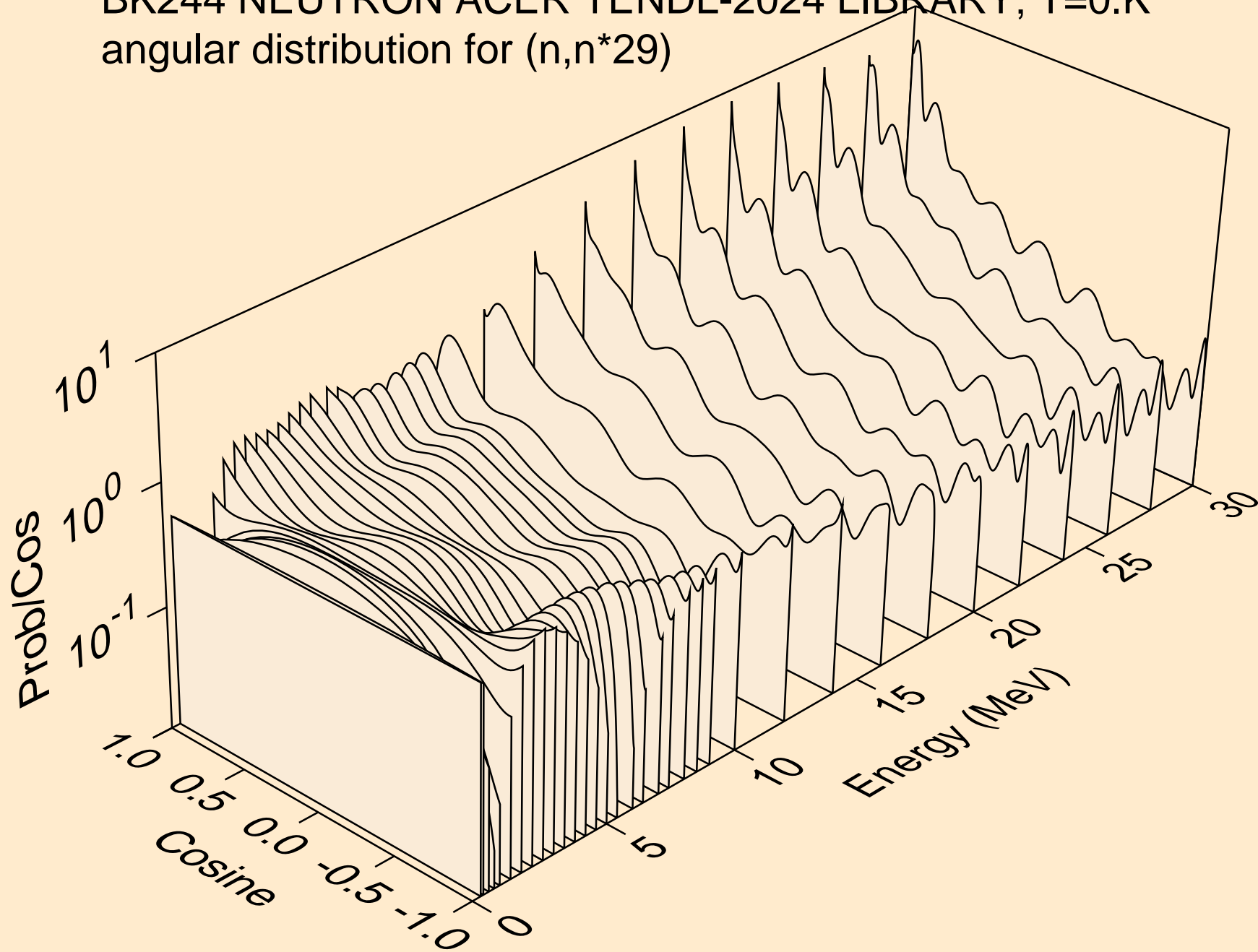
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

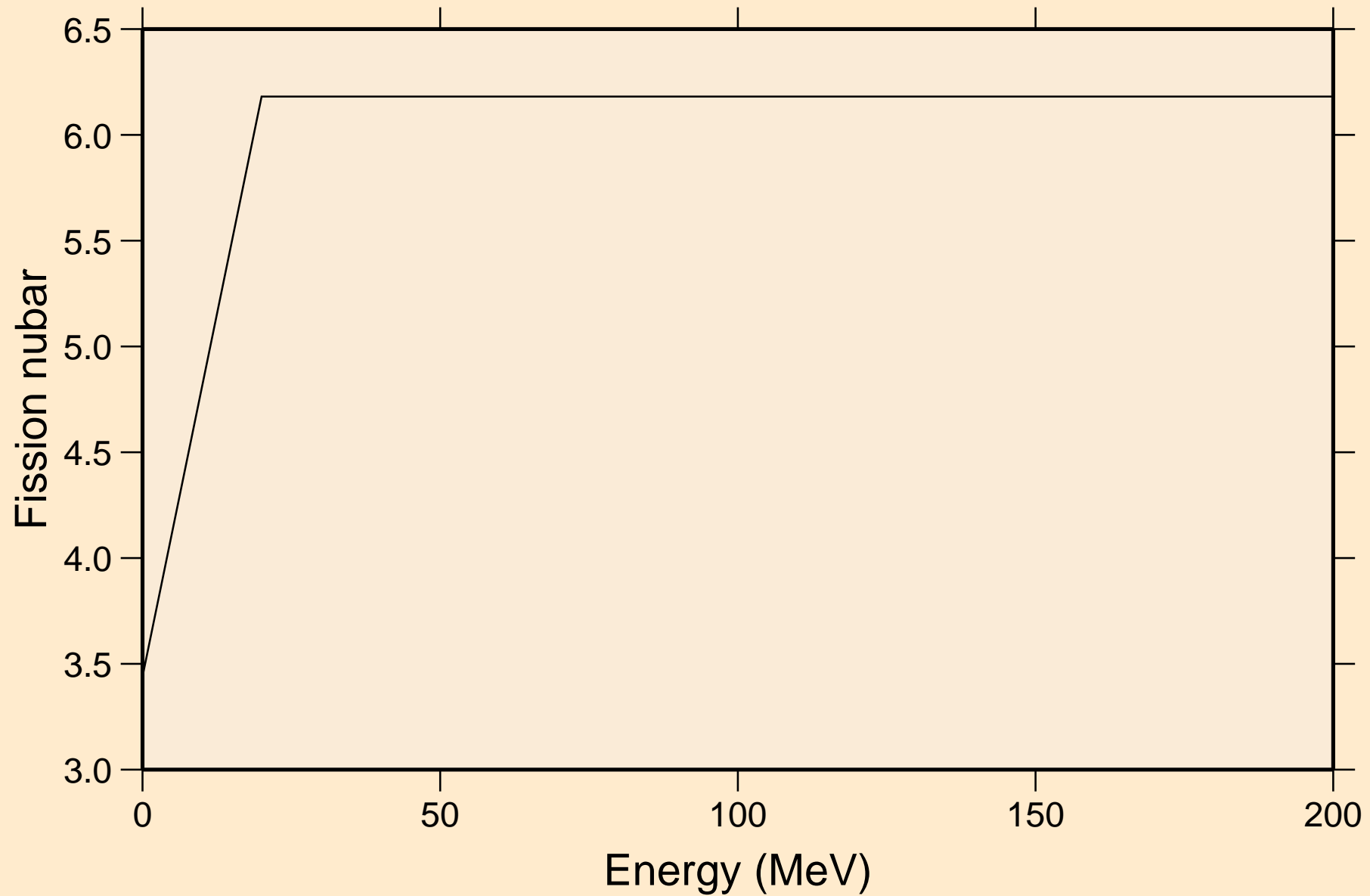


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

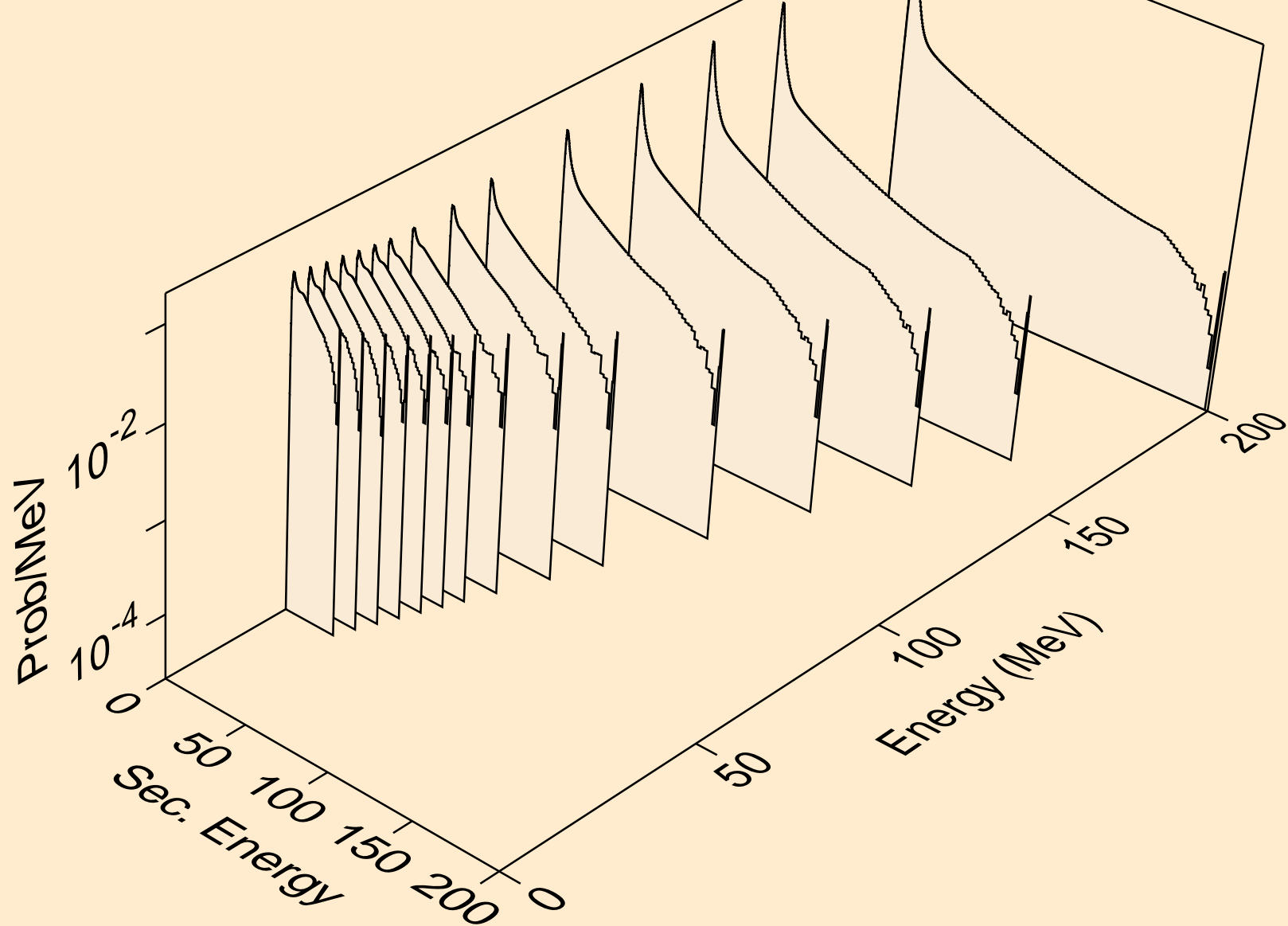


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

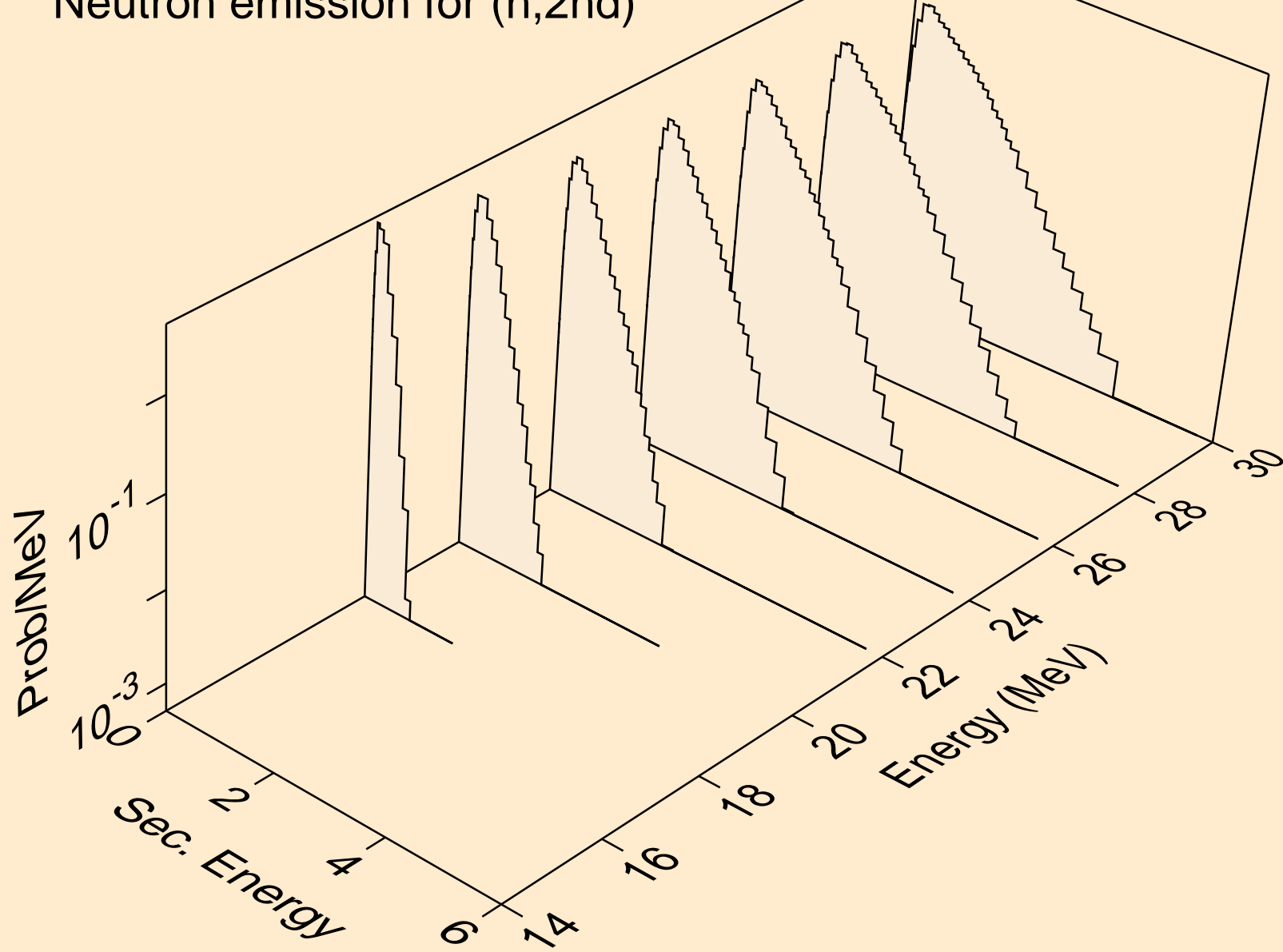
Total fission nubar



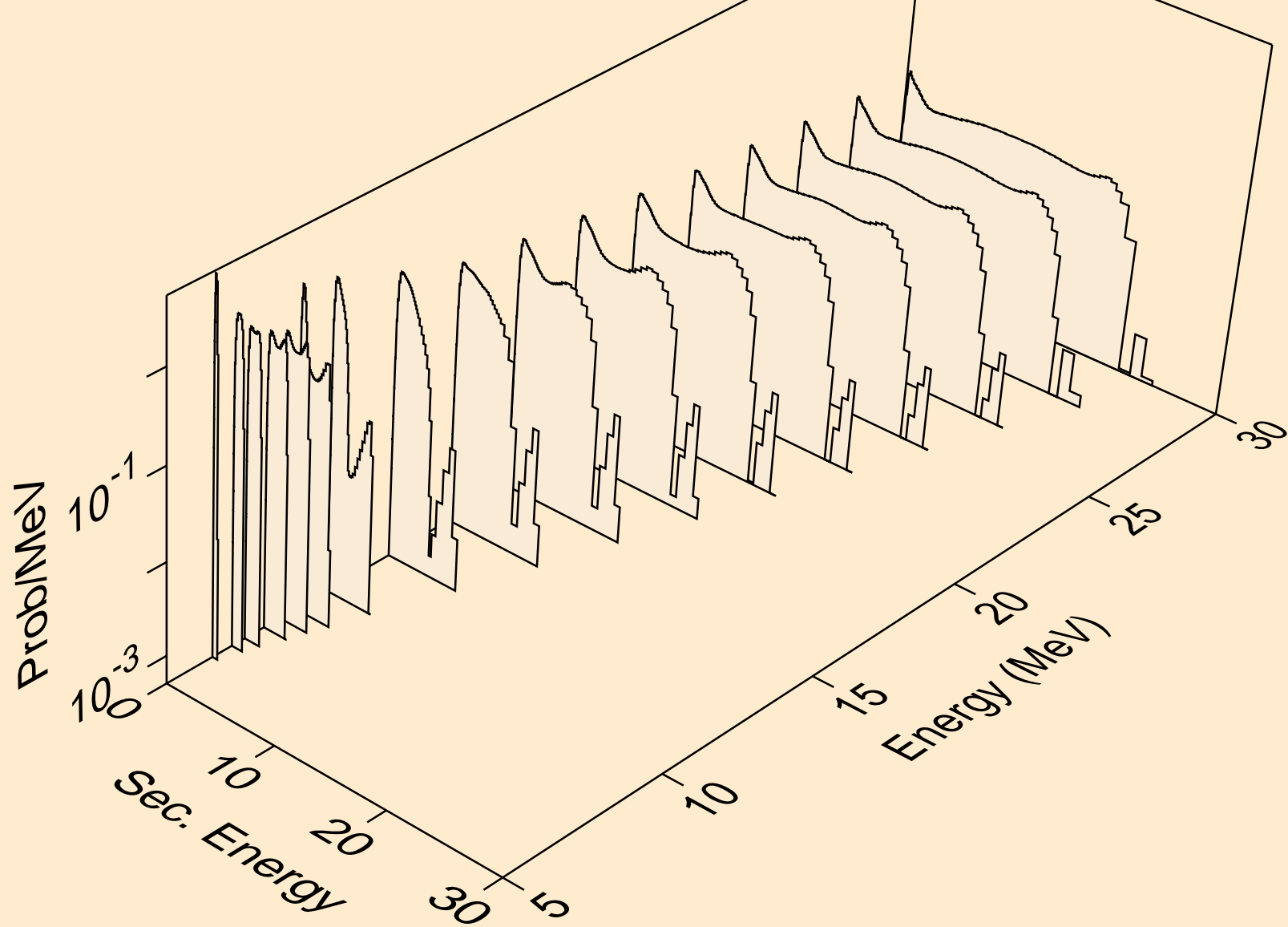
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

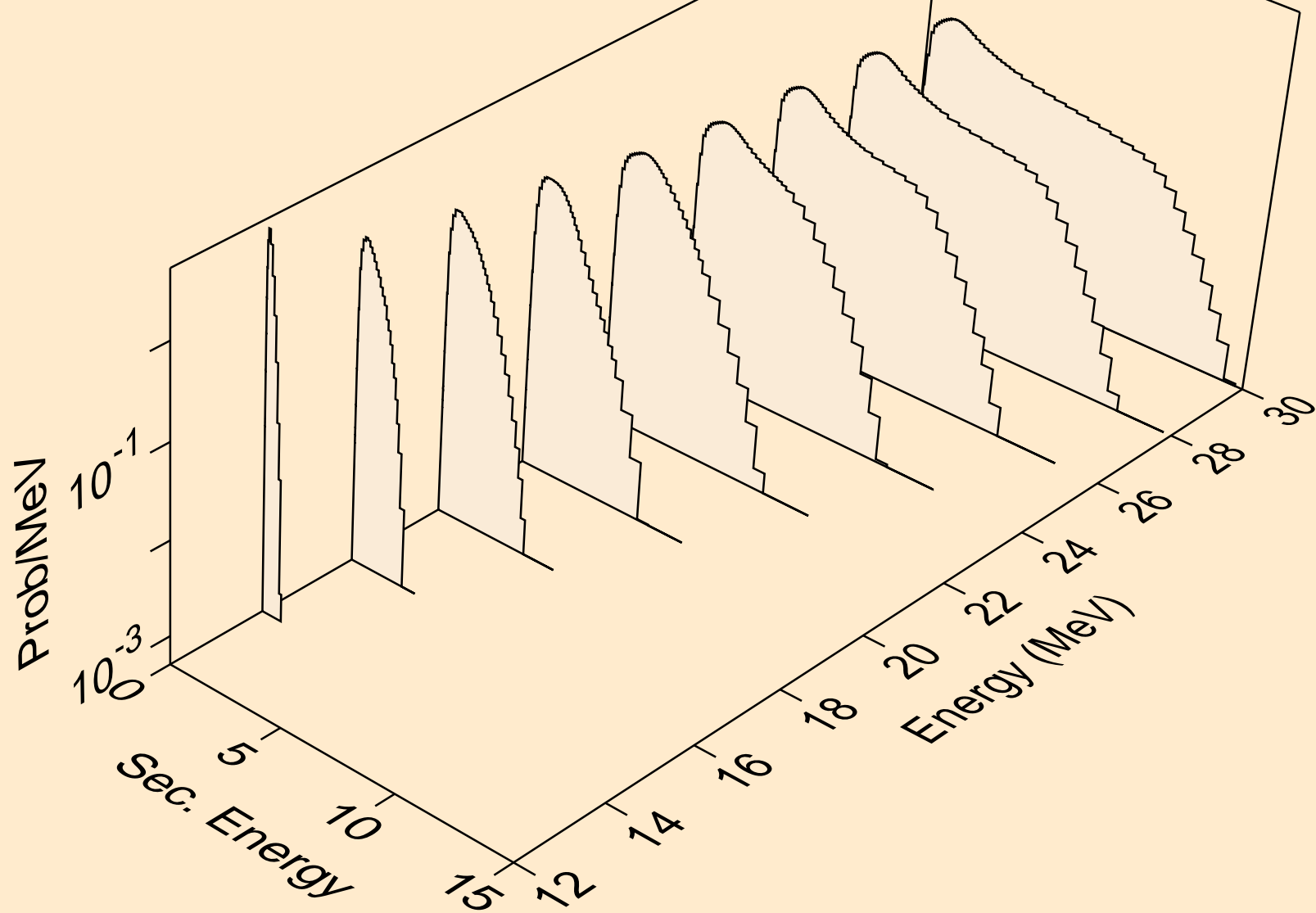


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

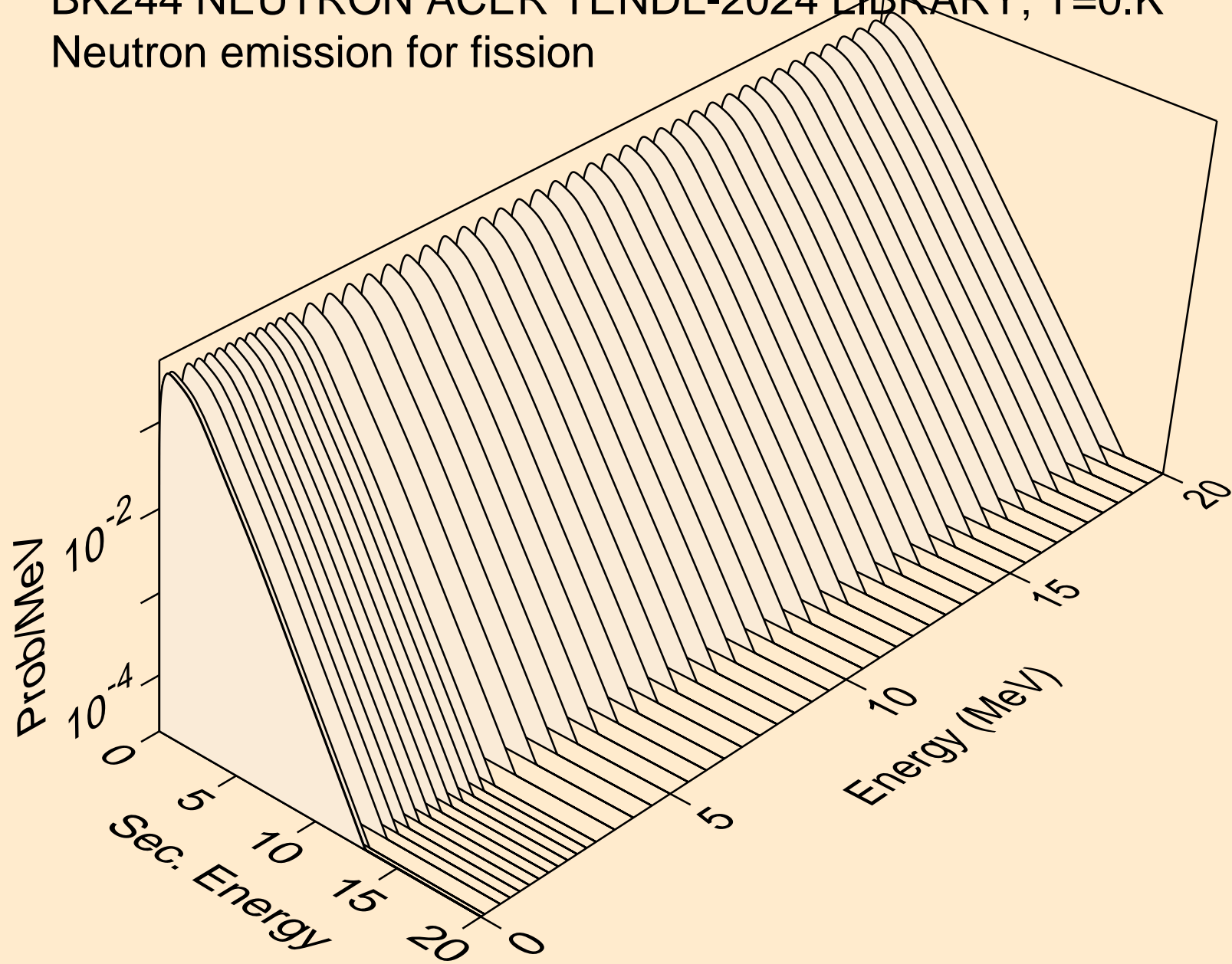




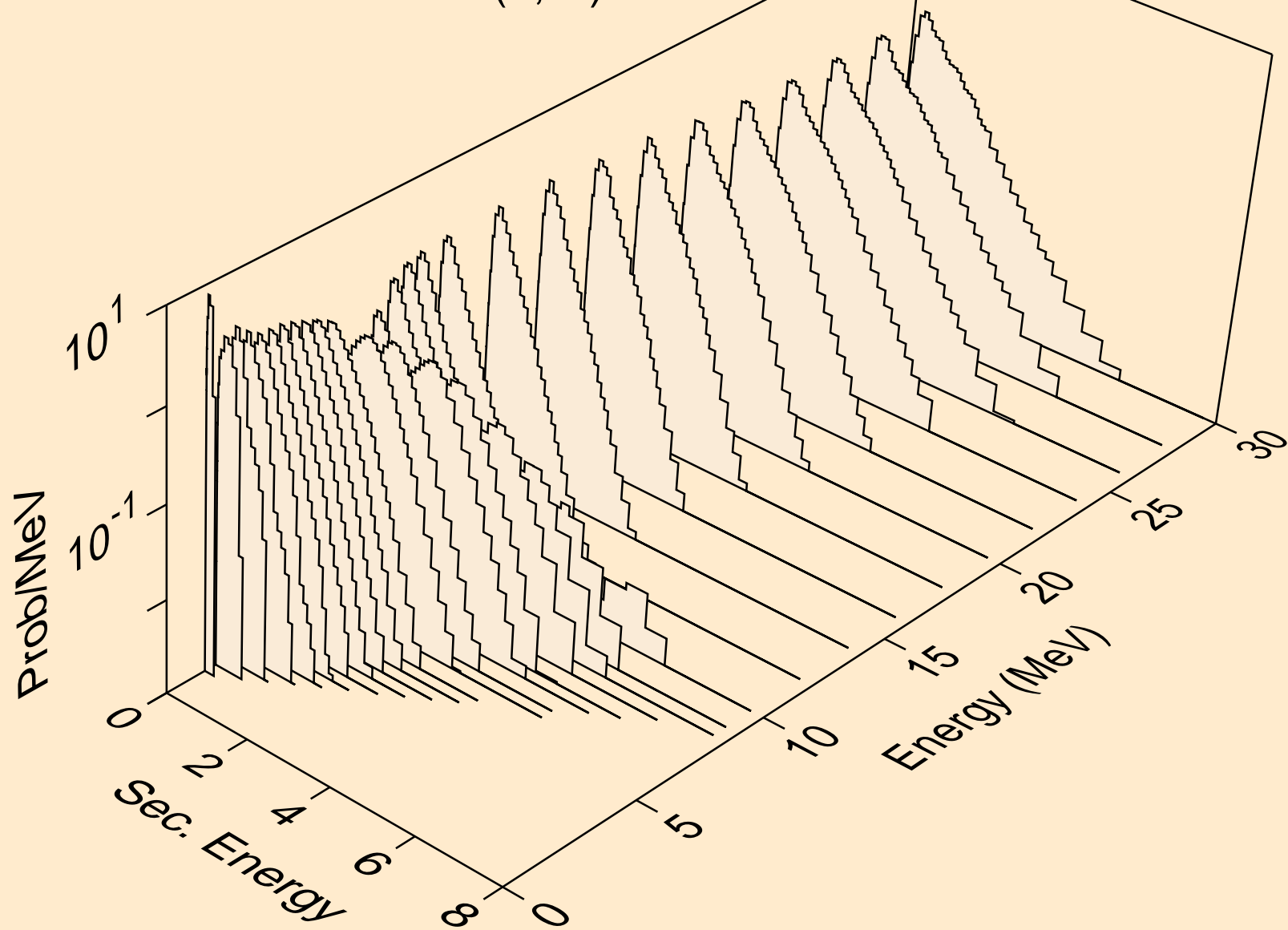
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



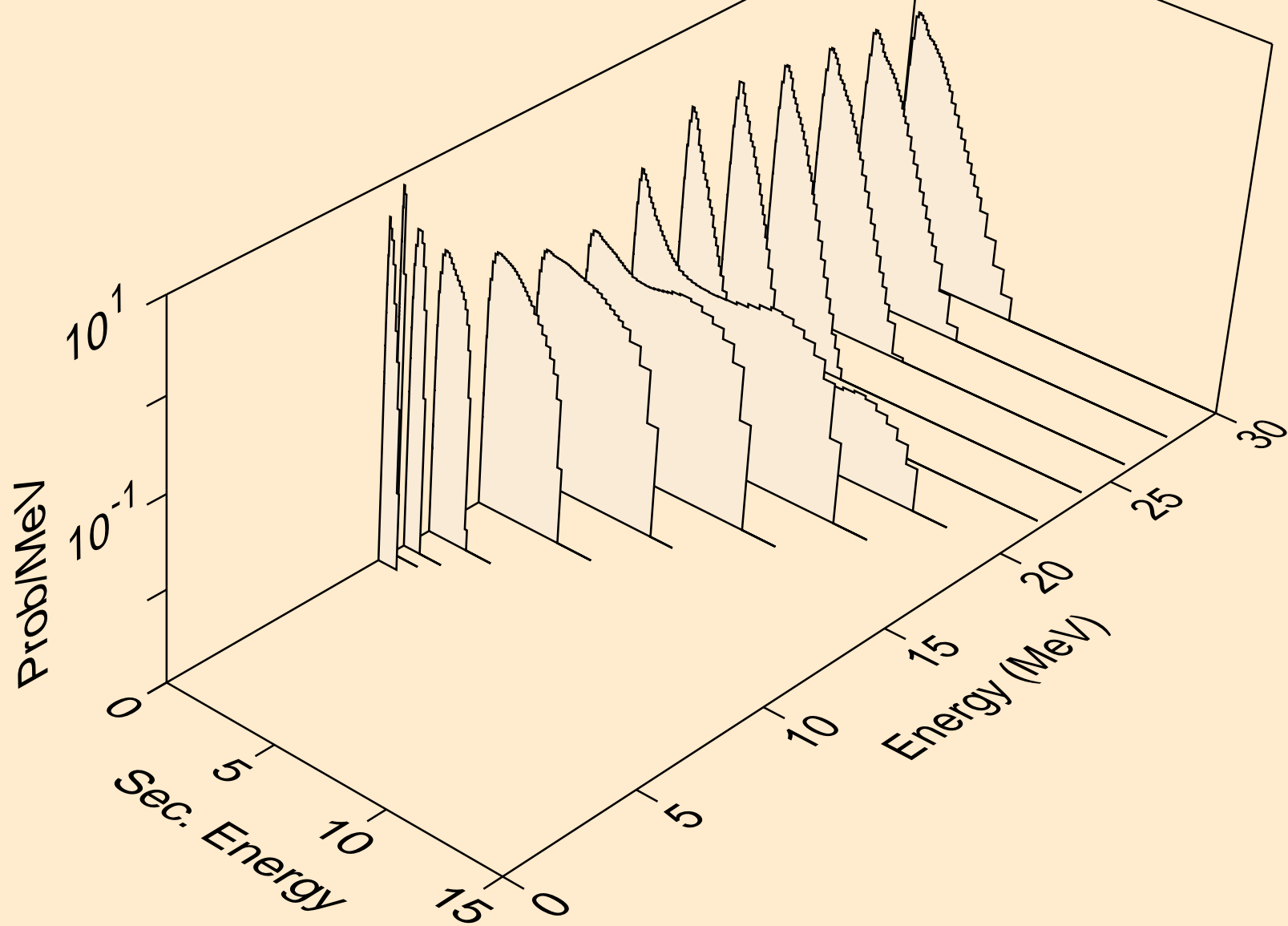
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



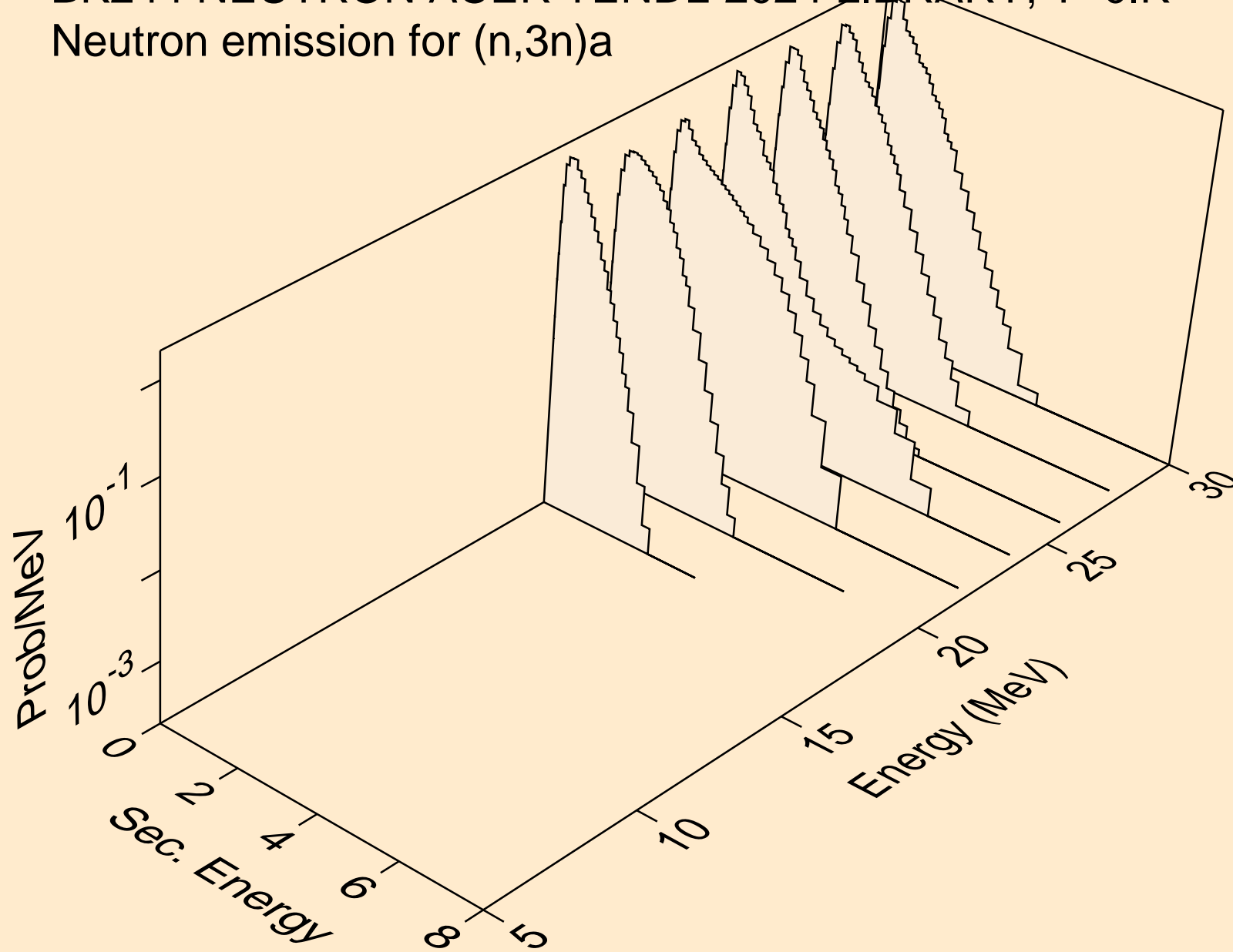
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



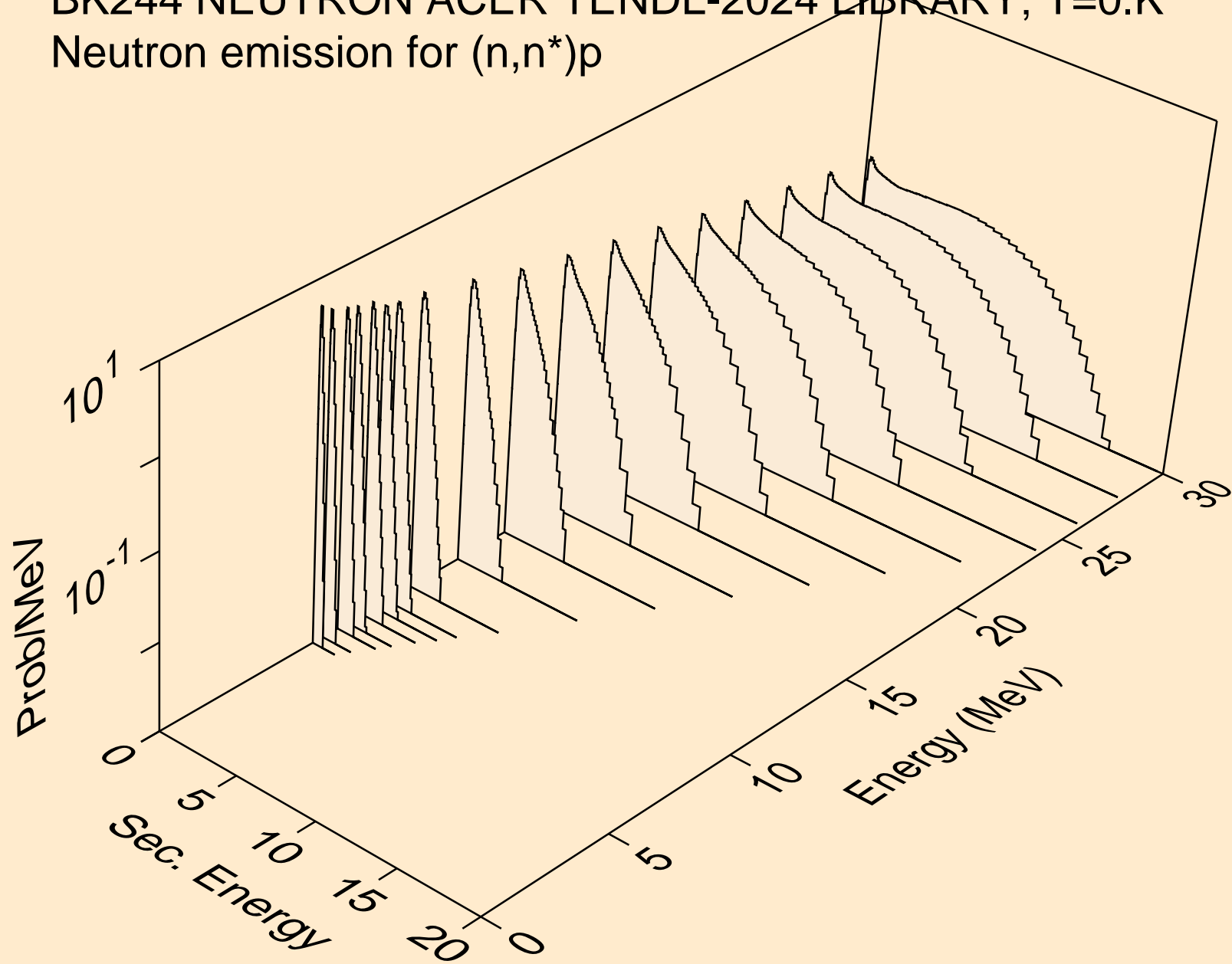
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



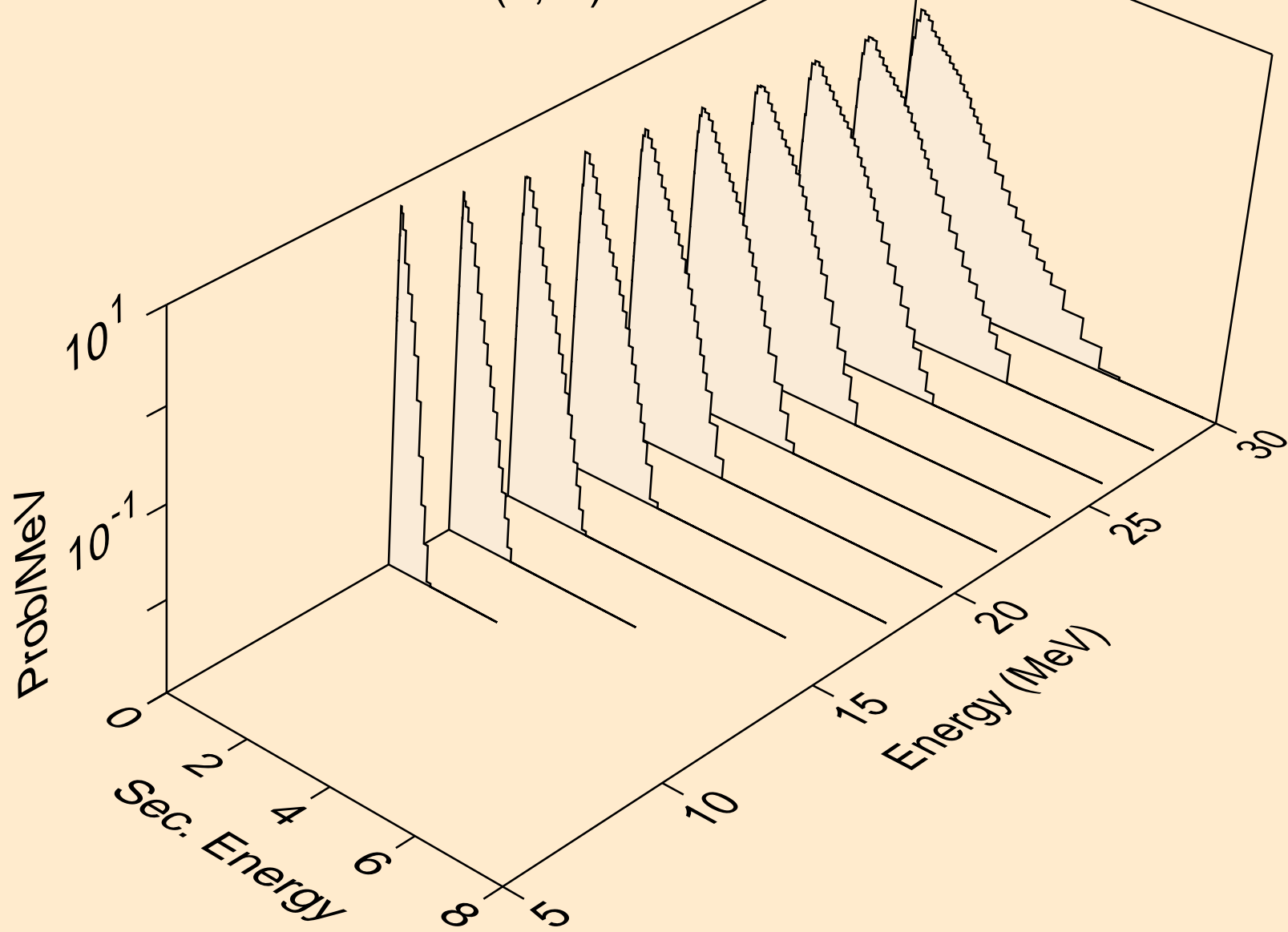
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



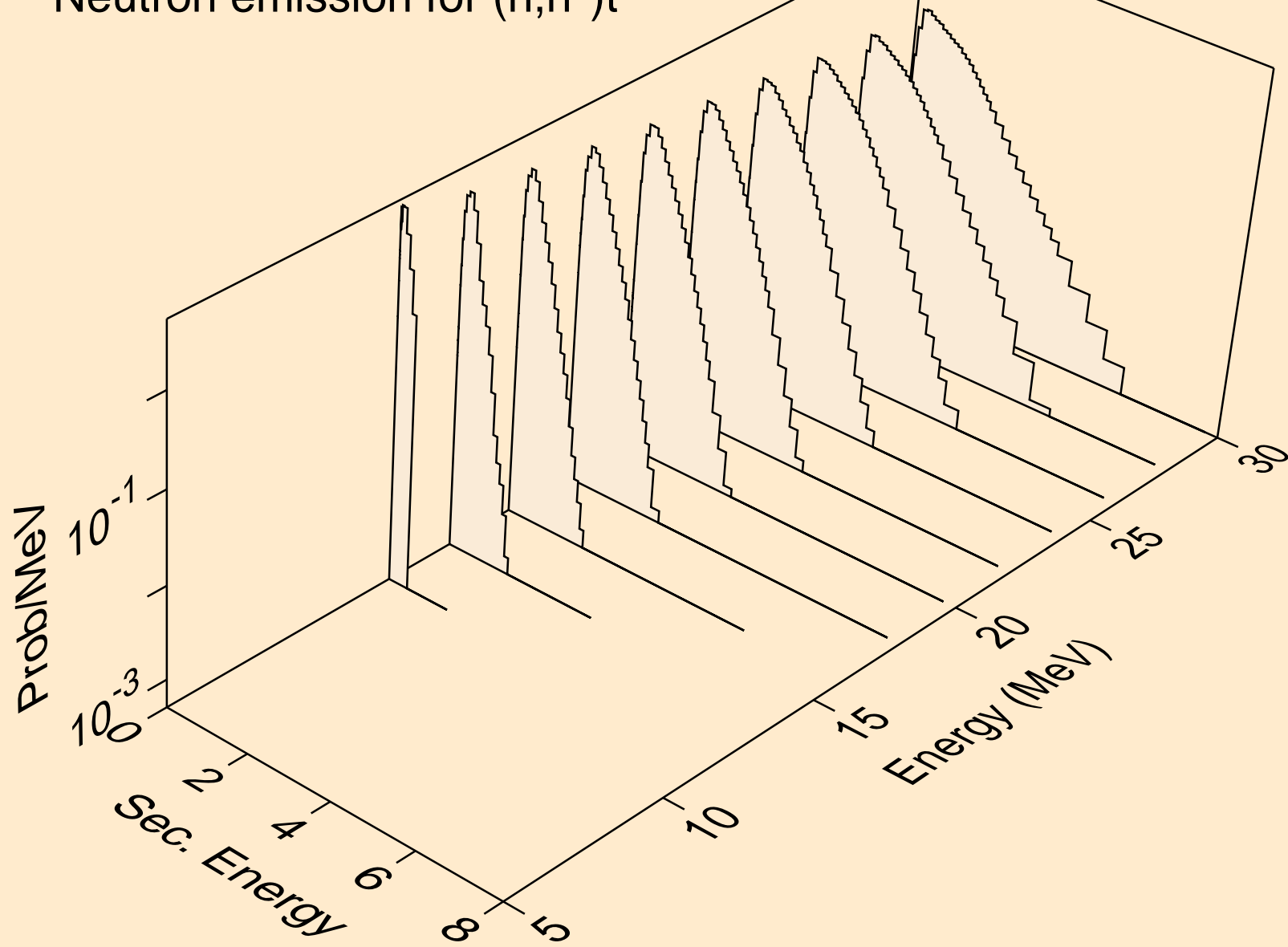
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

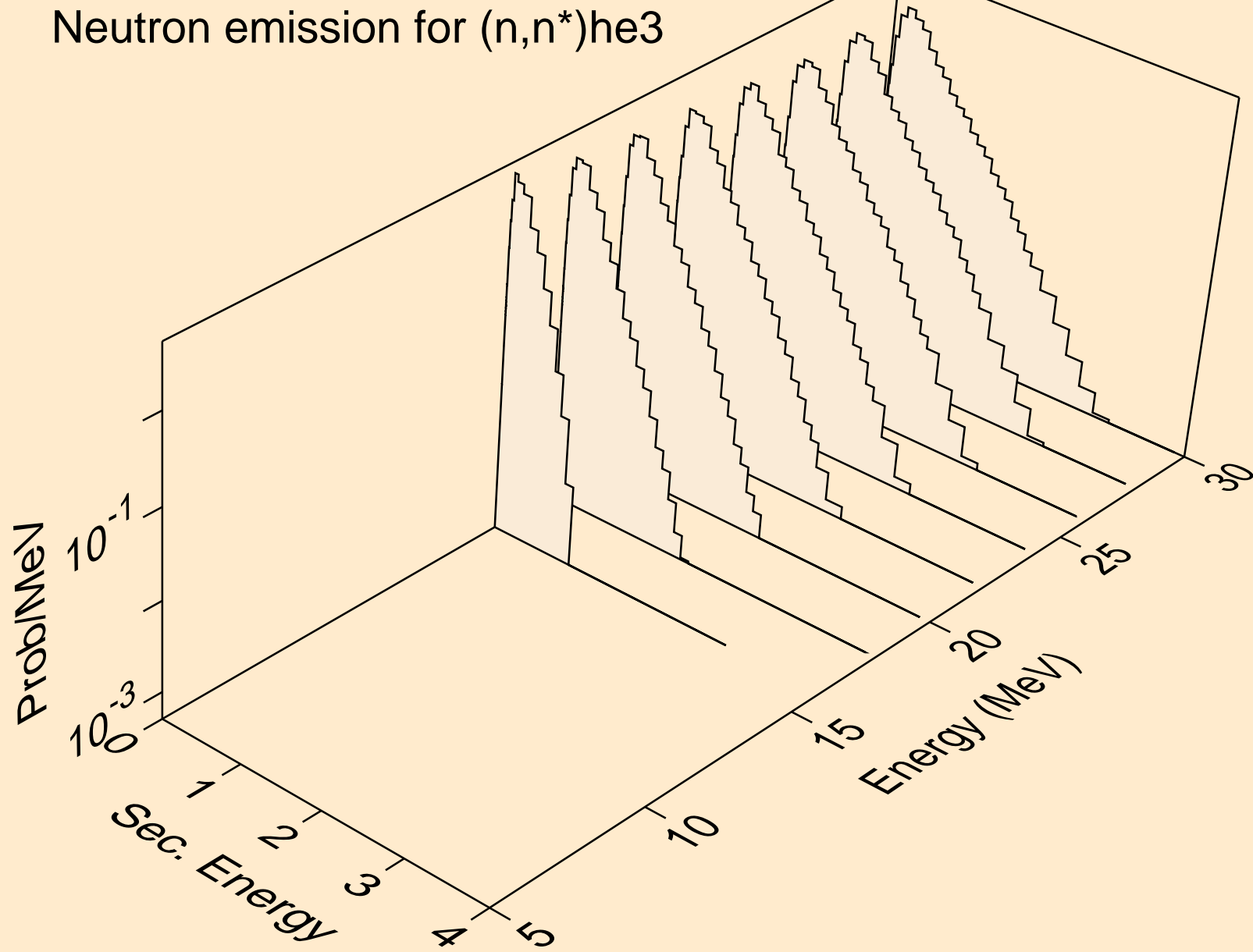


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

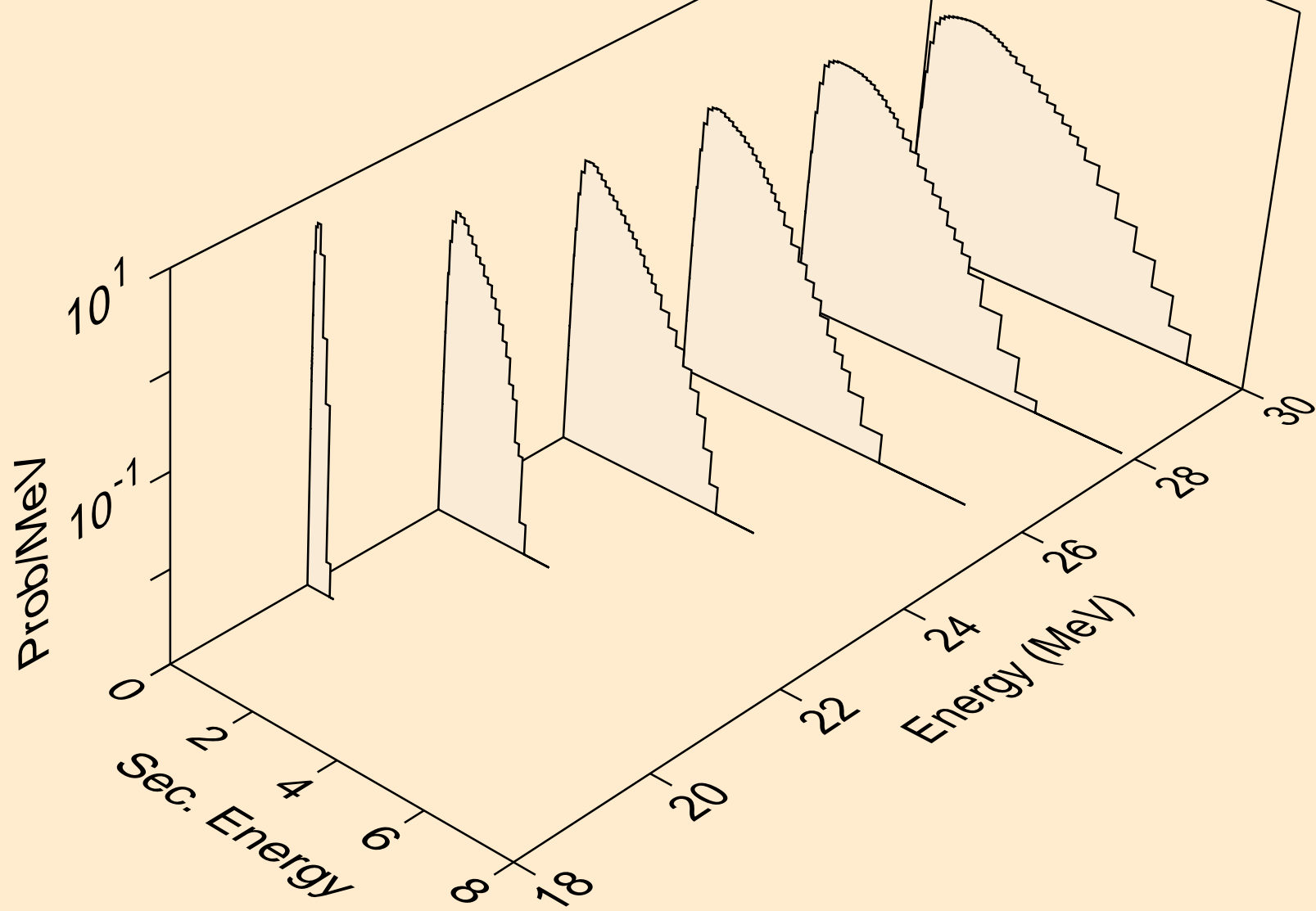




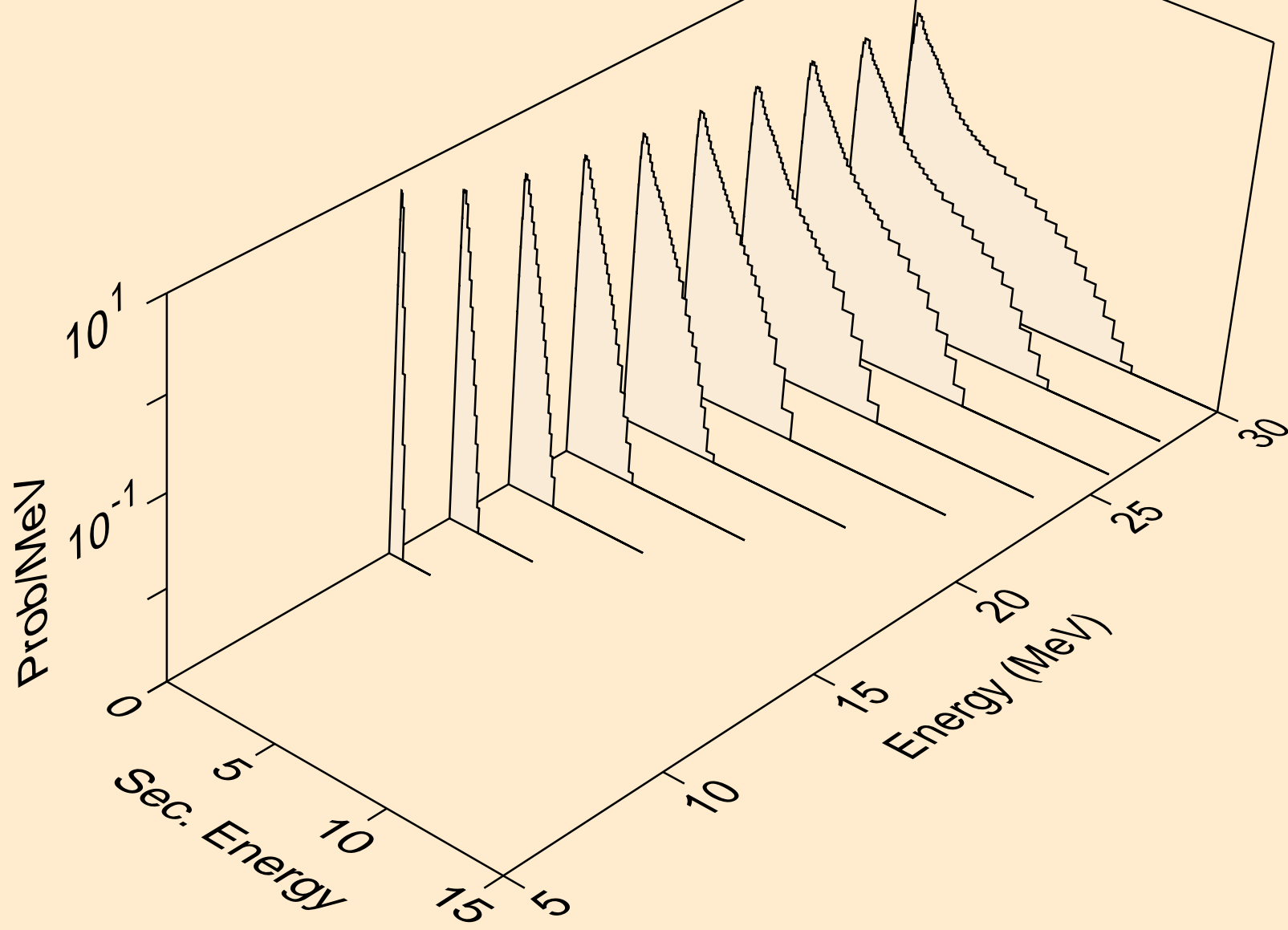
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



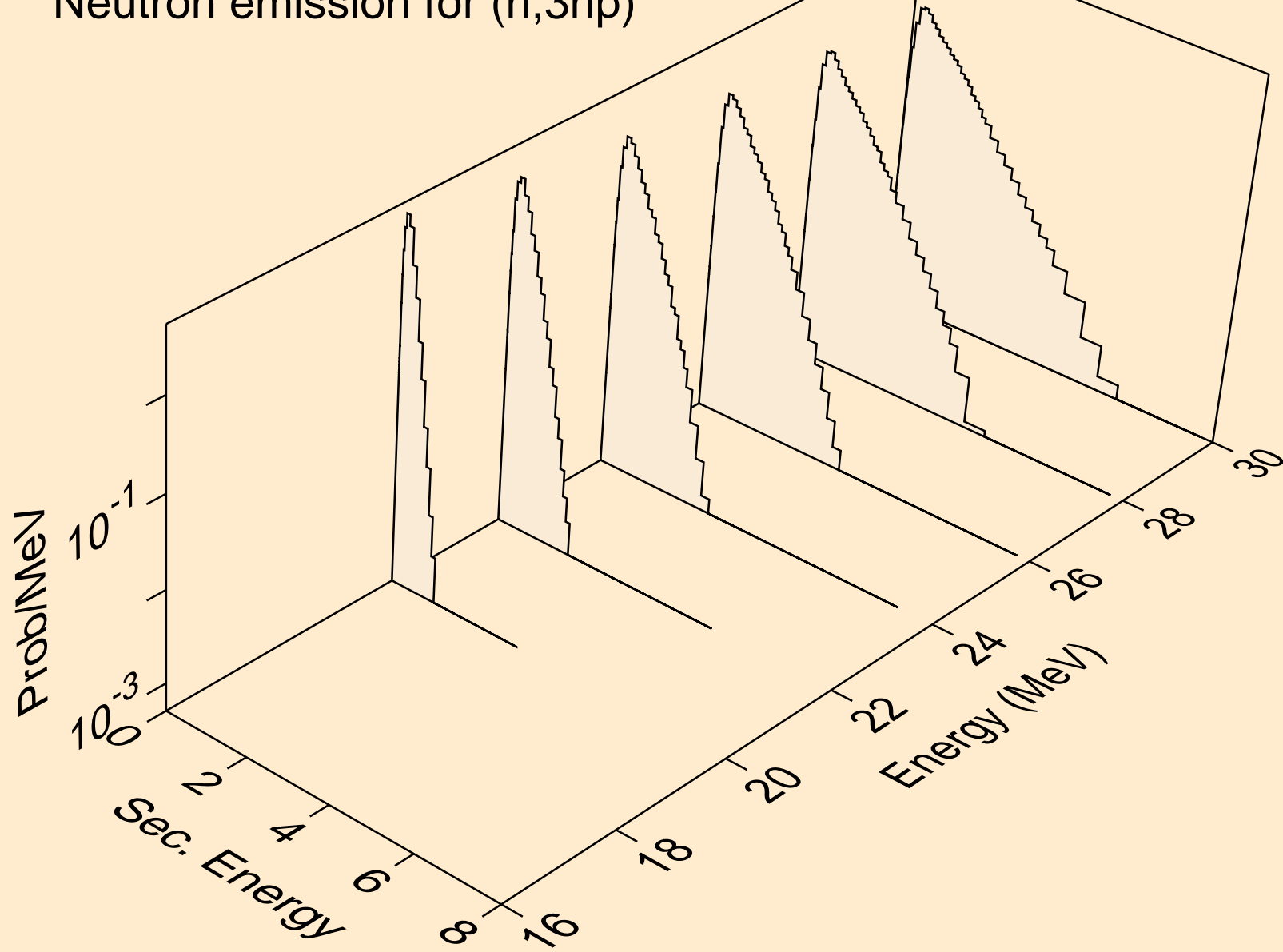
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



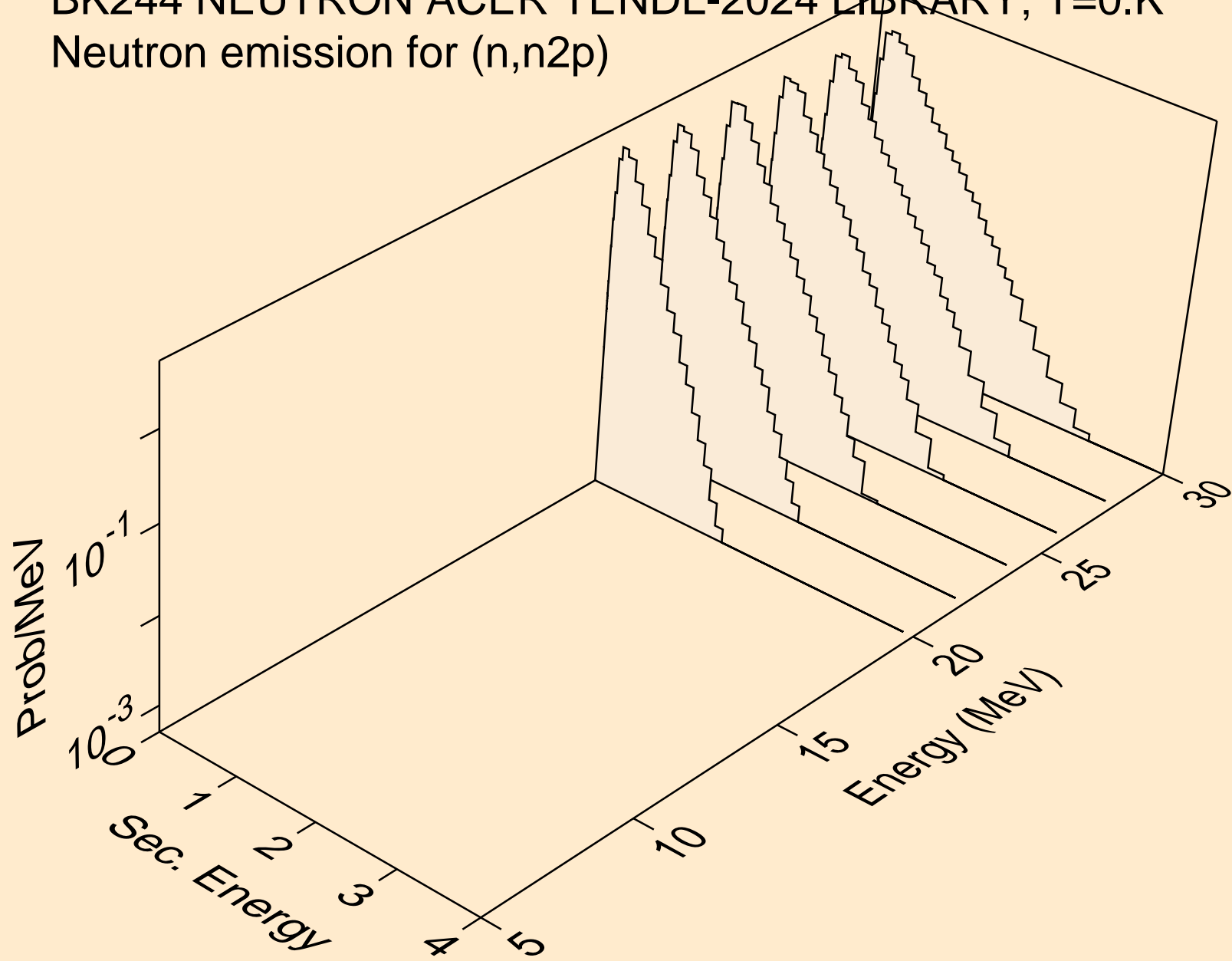
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



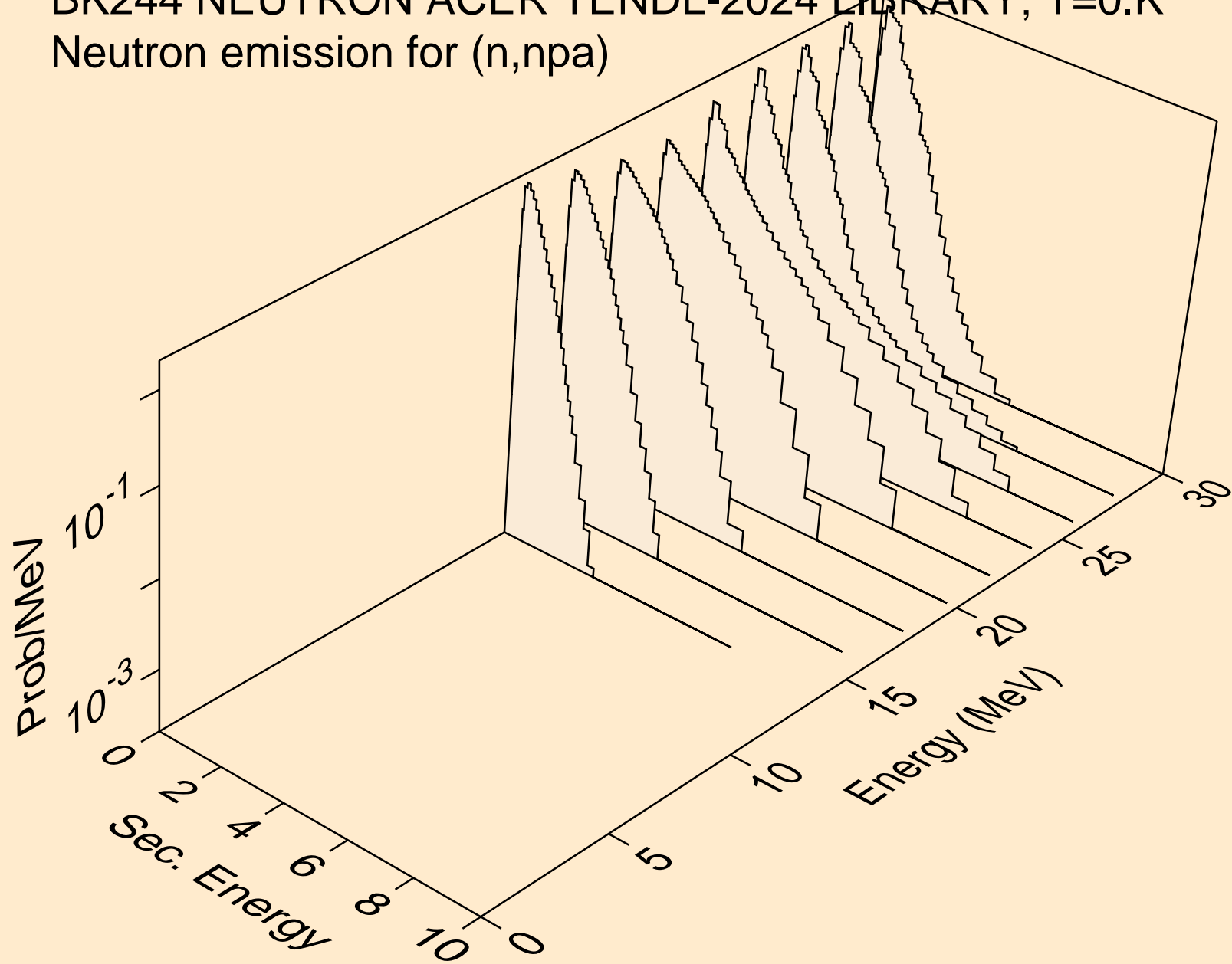
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



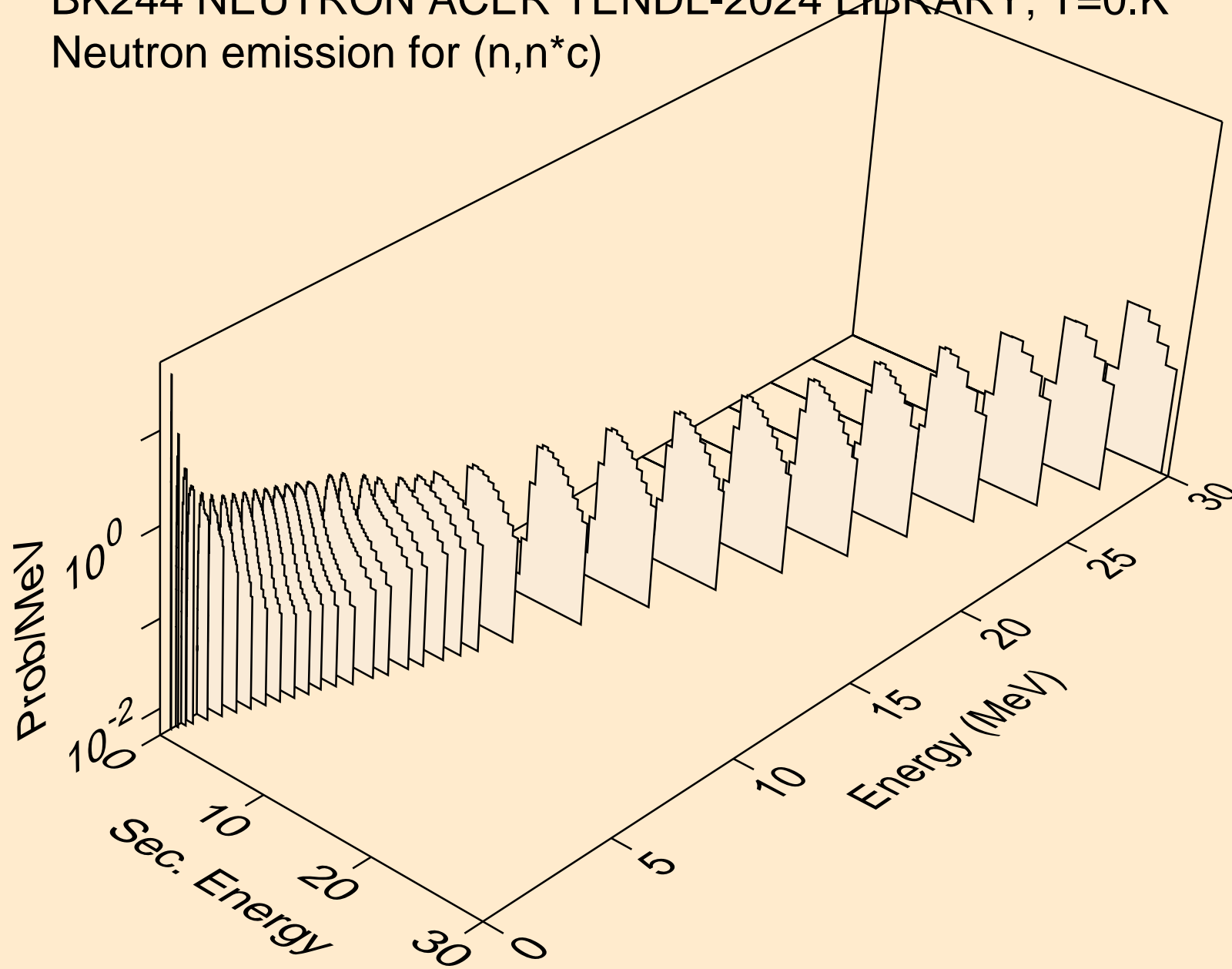
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

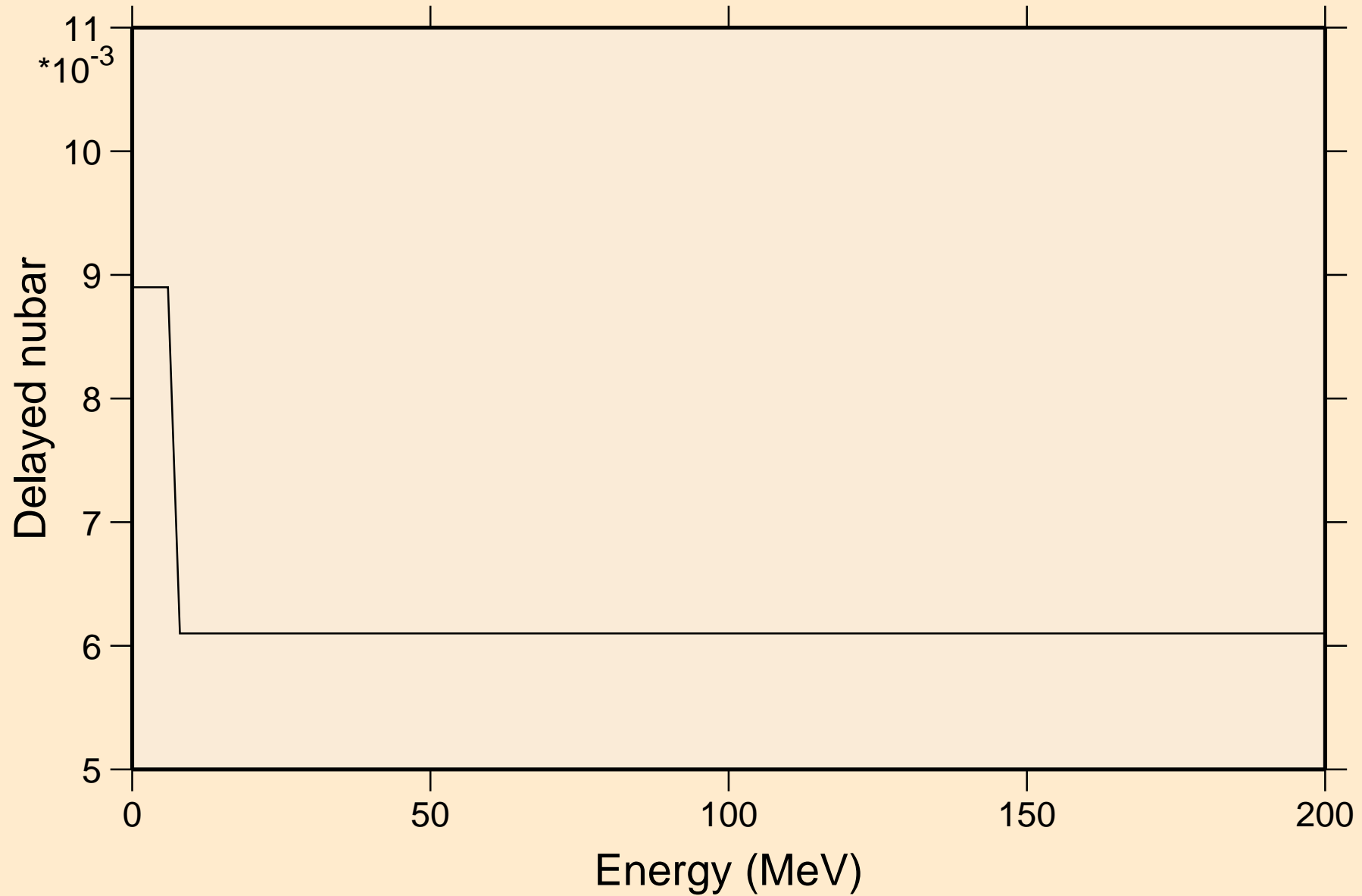


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

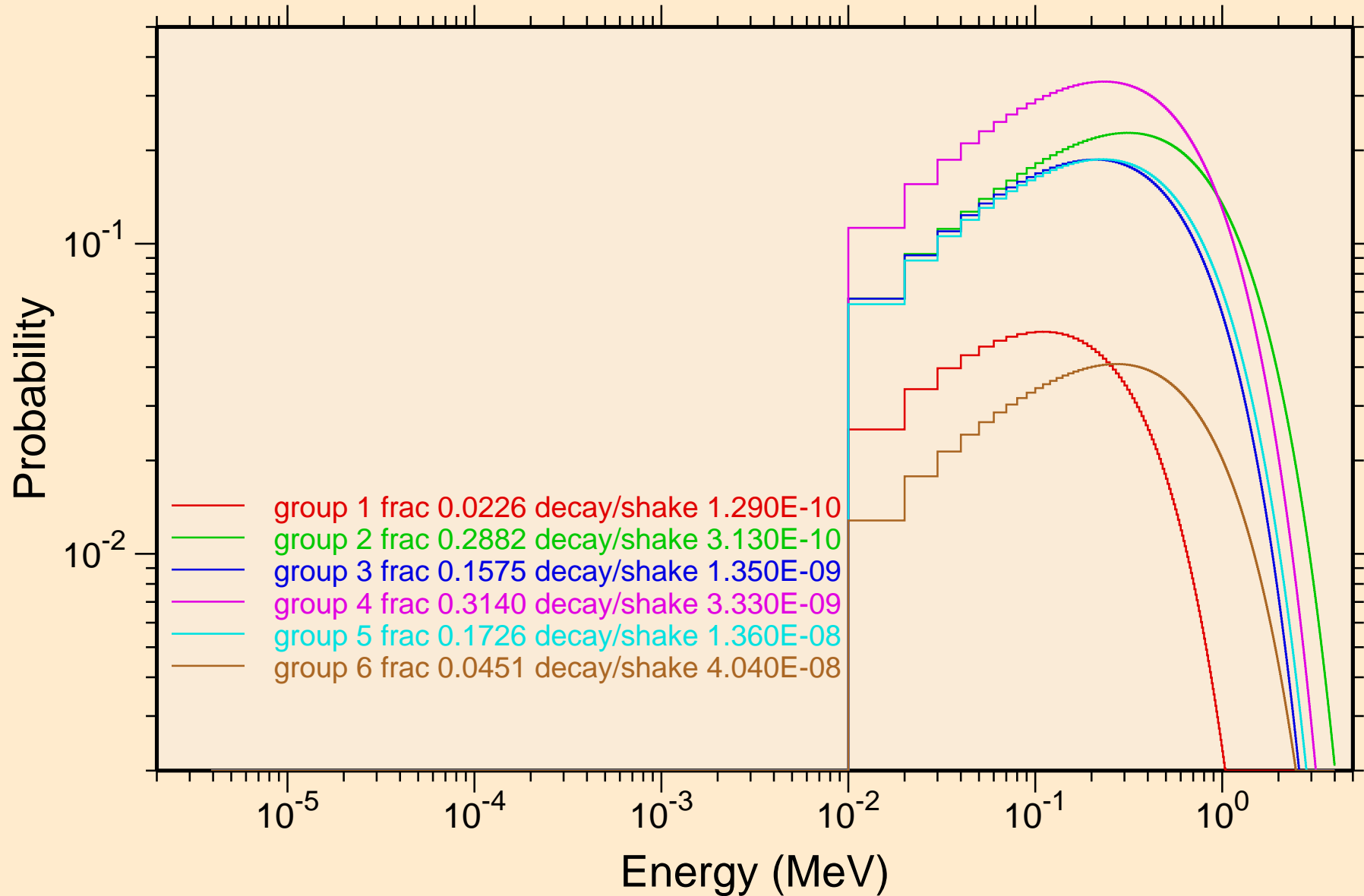
Delayed nubar



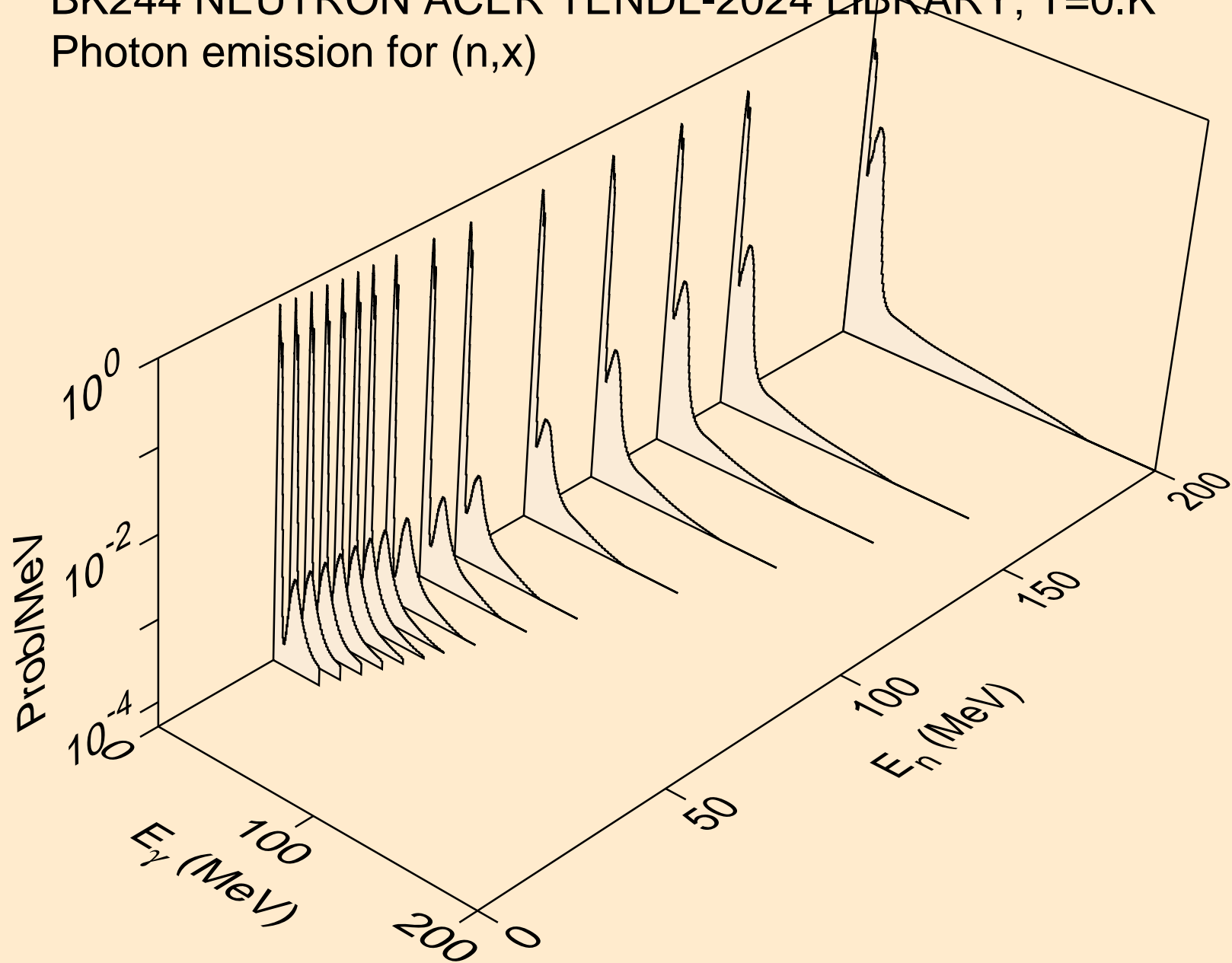


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

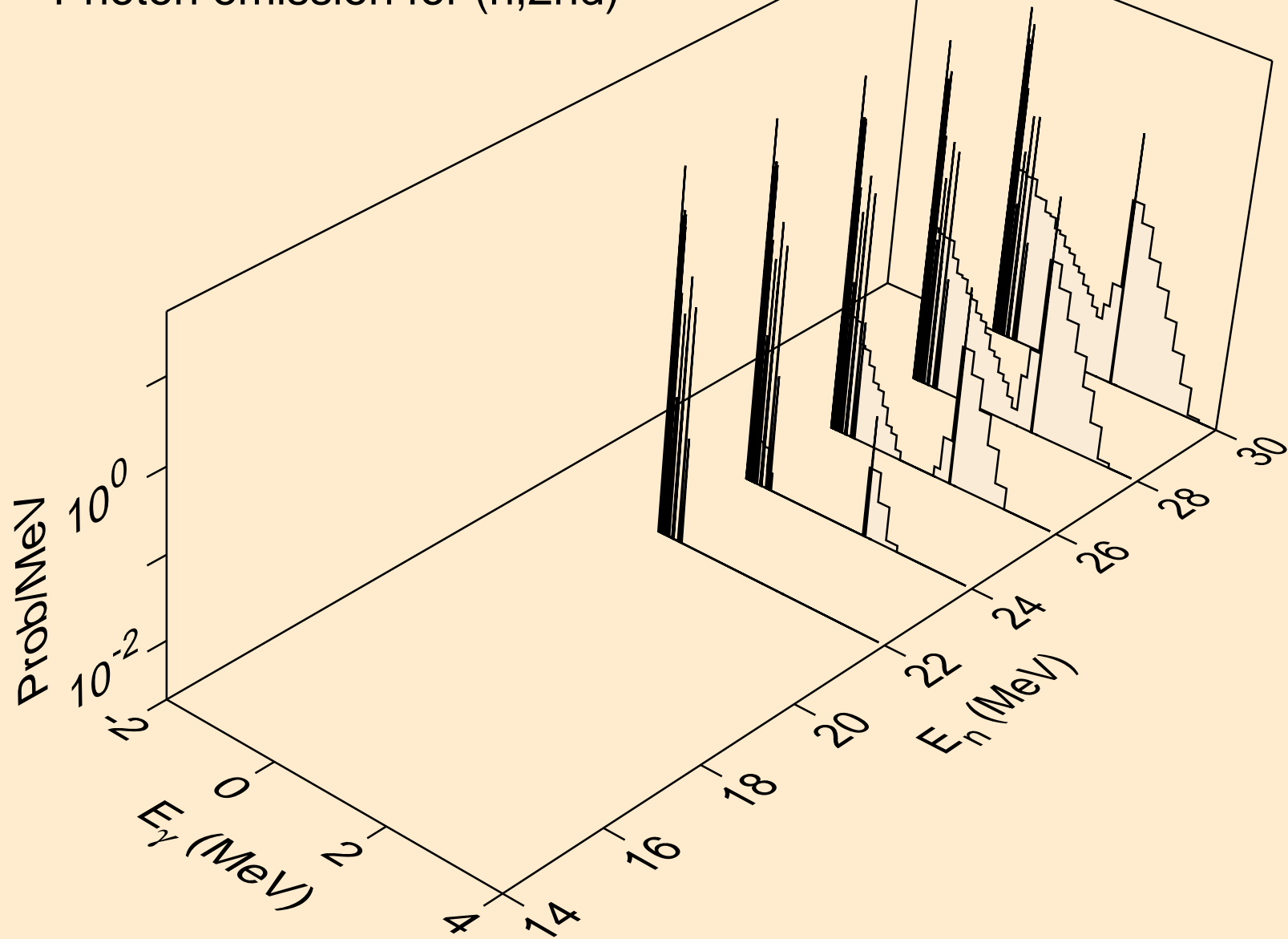
## Delayed neutron spectra



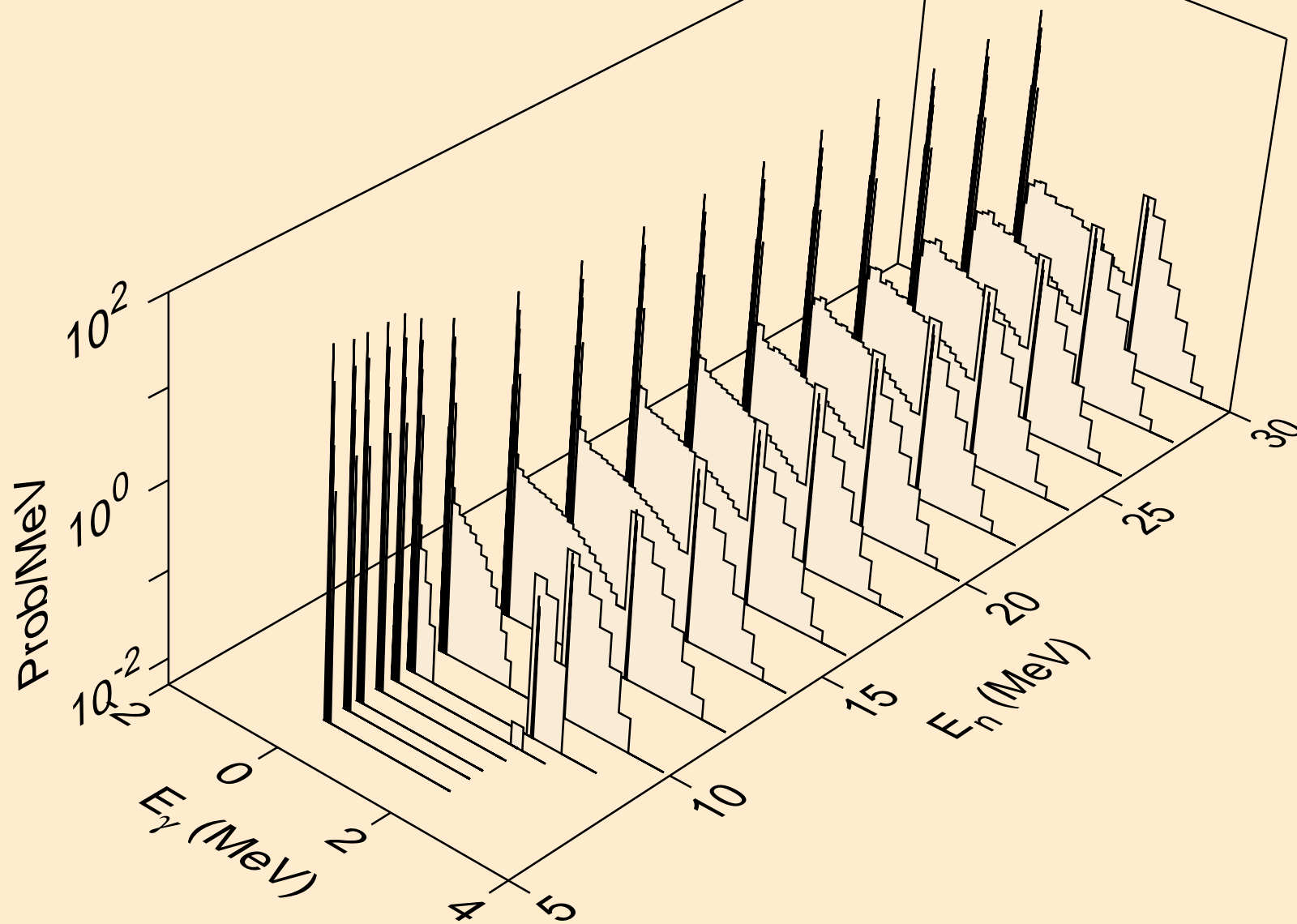
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



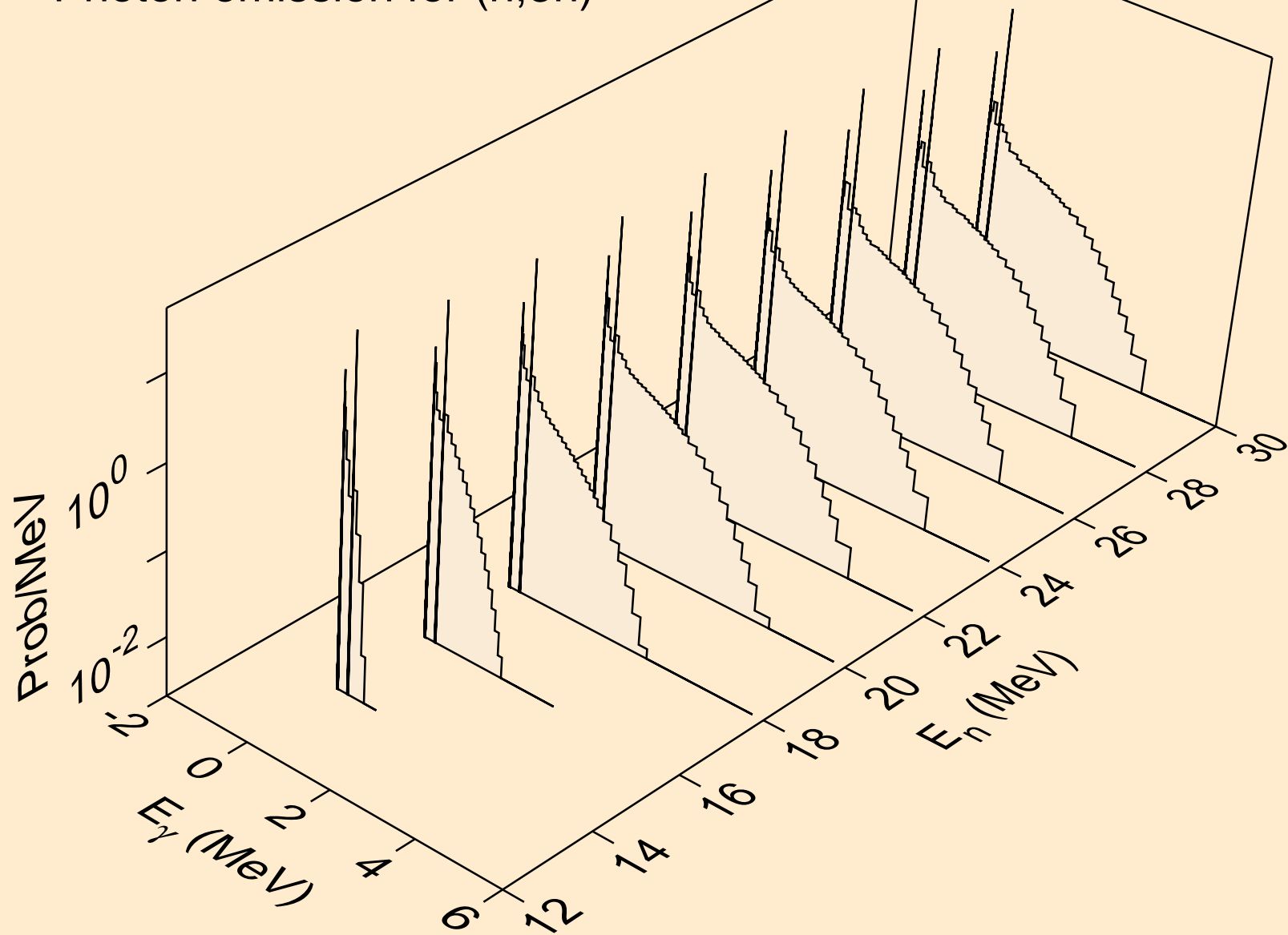
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



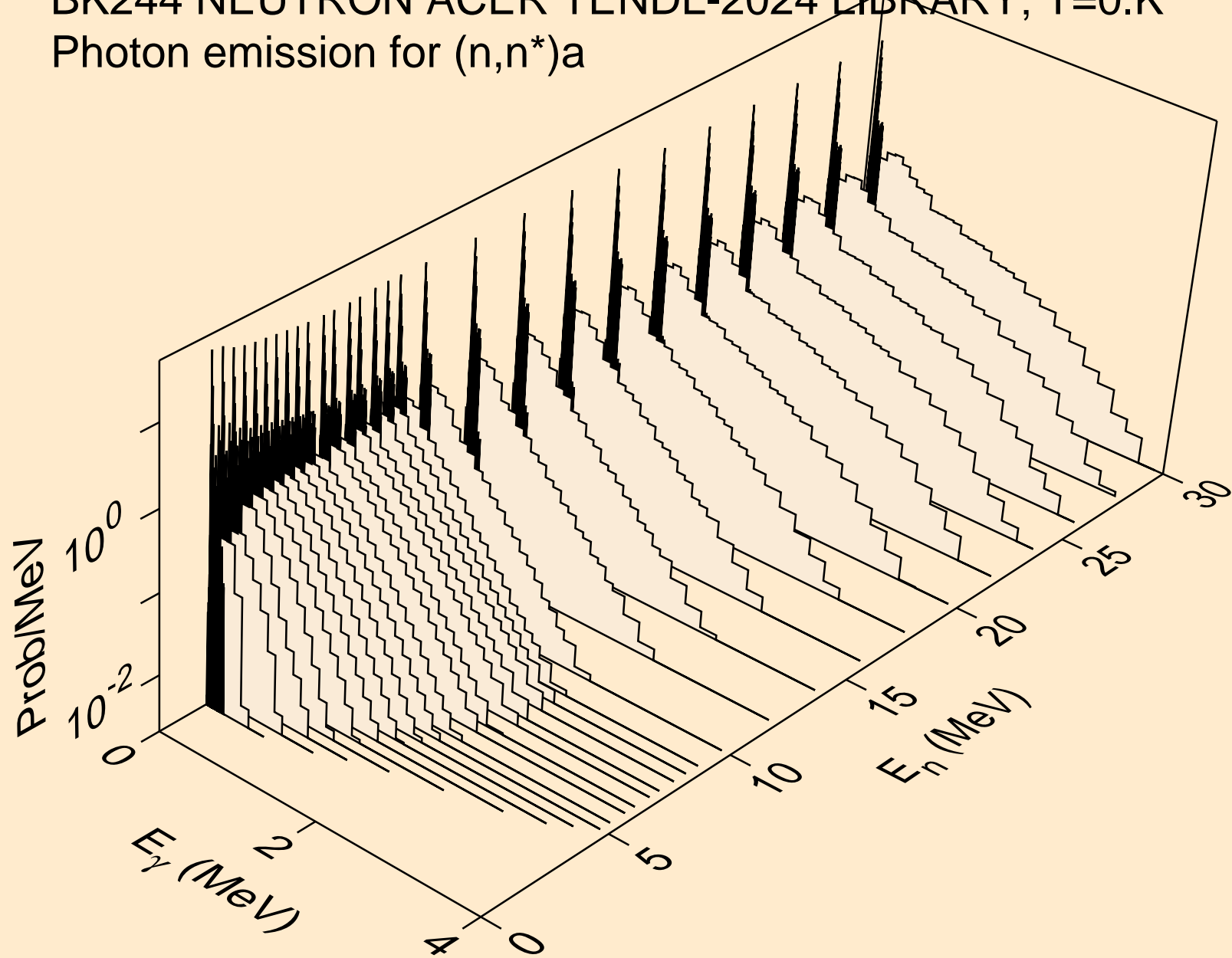
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



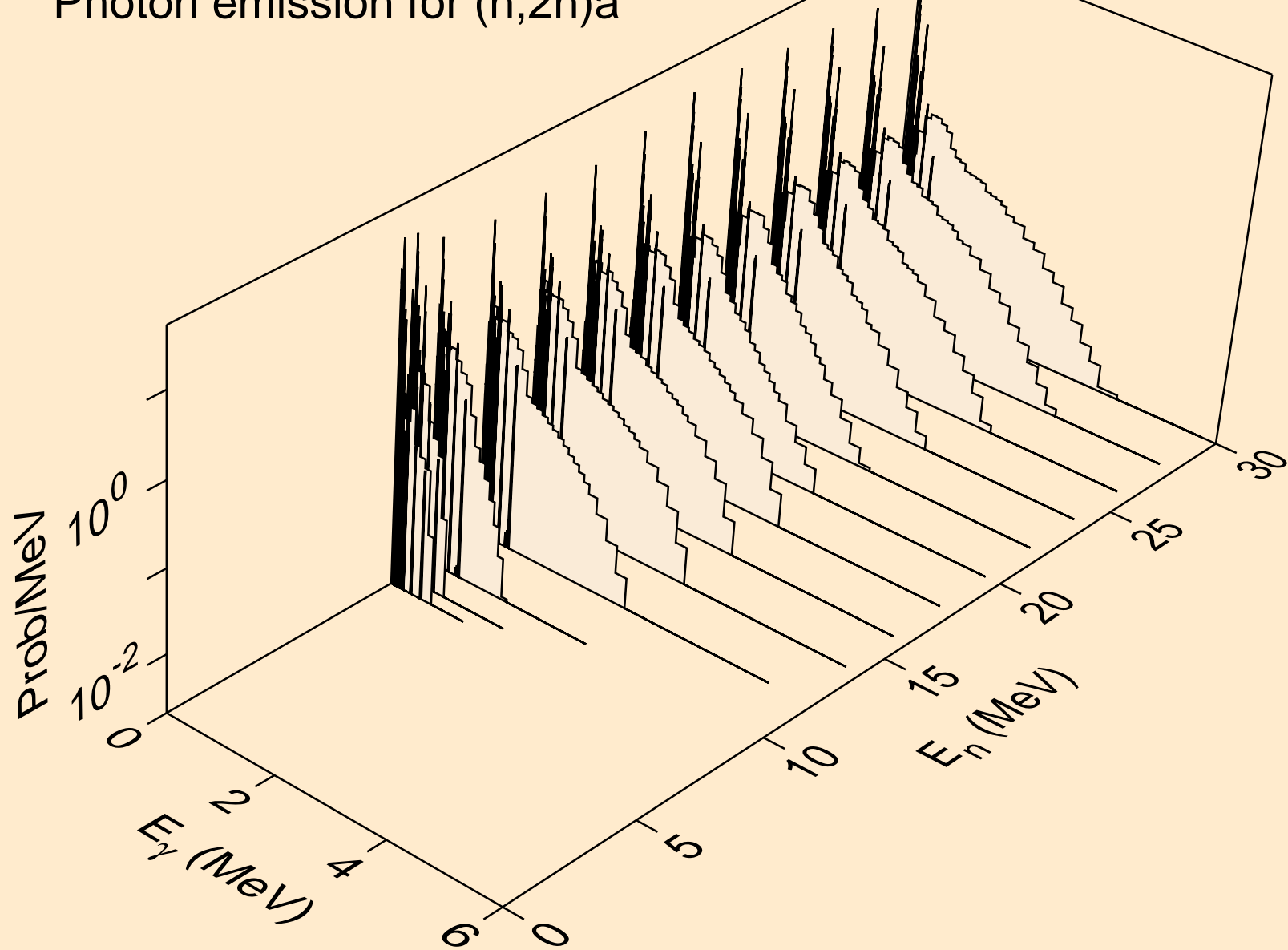
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



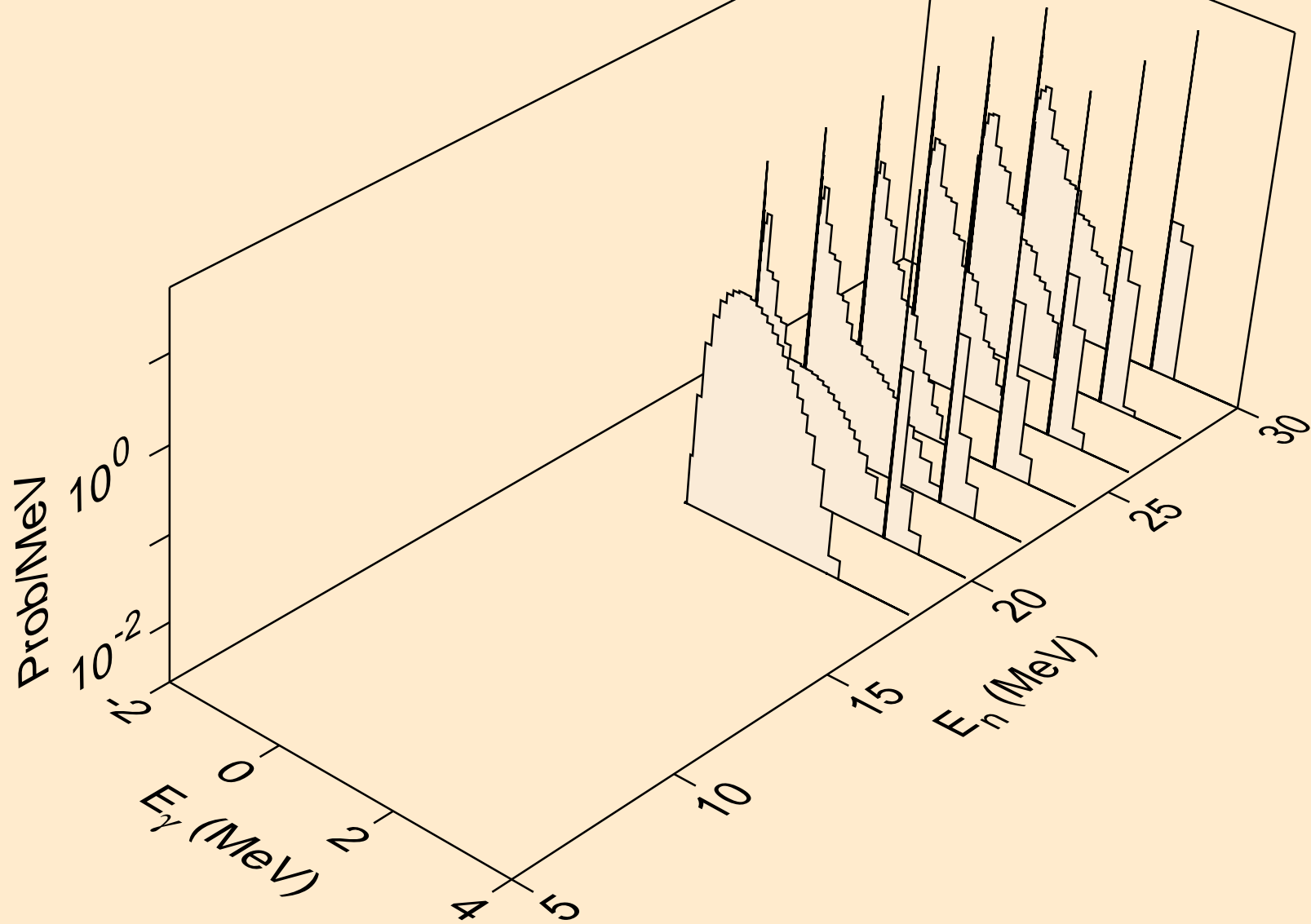
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

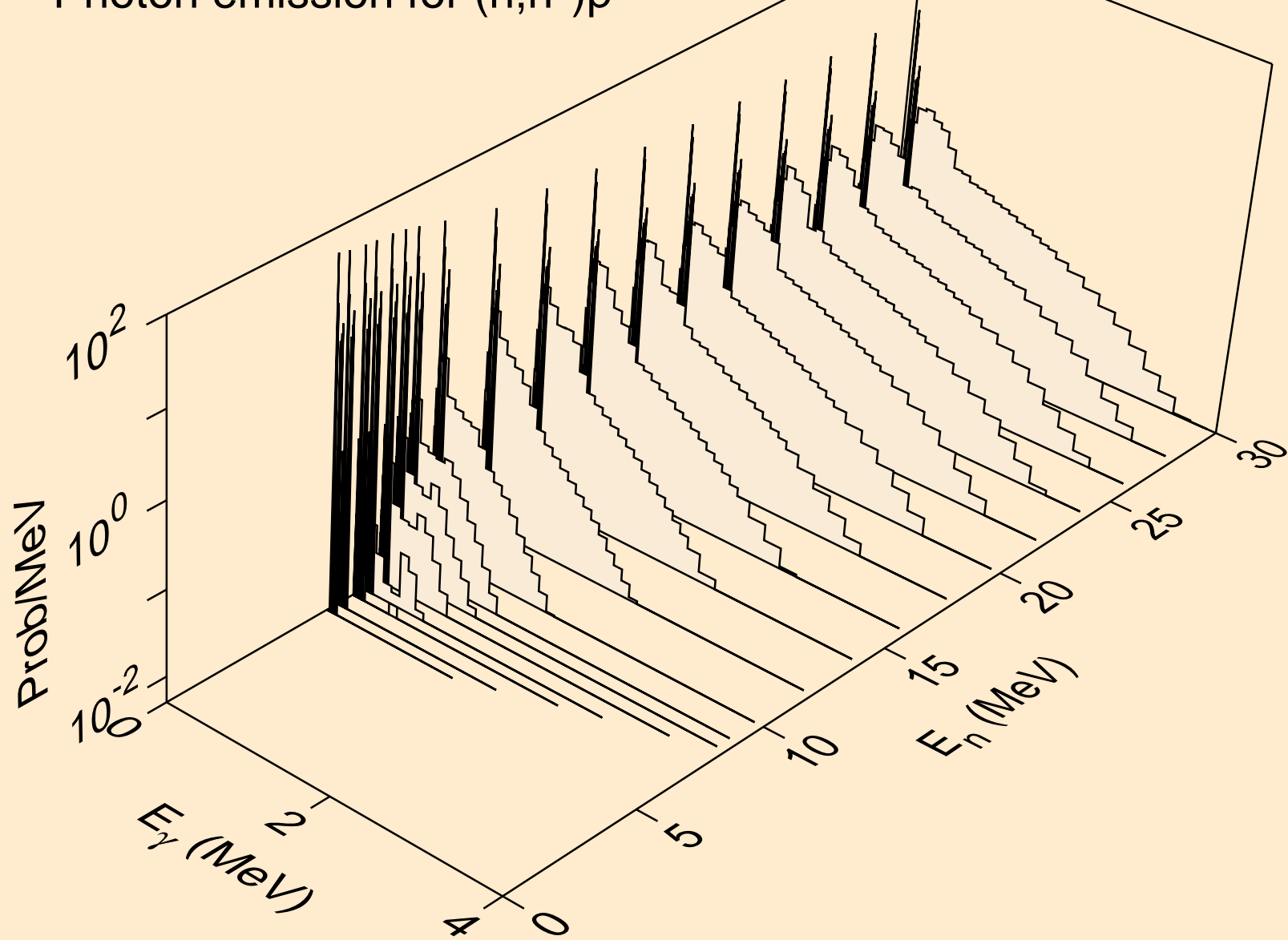


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

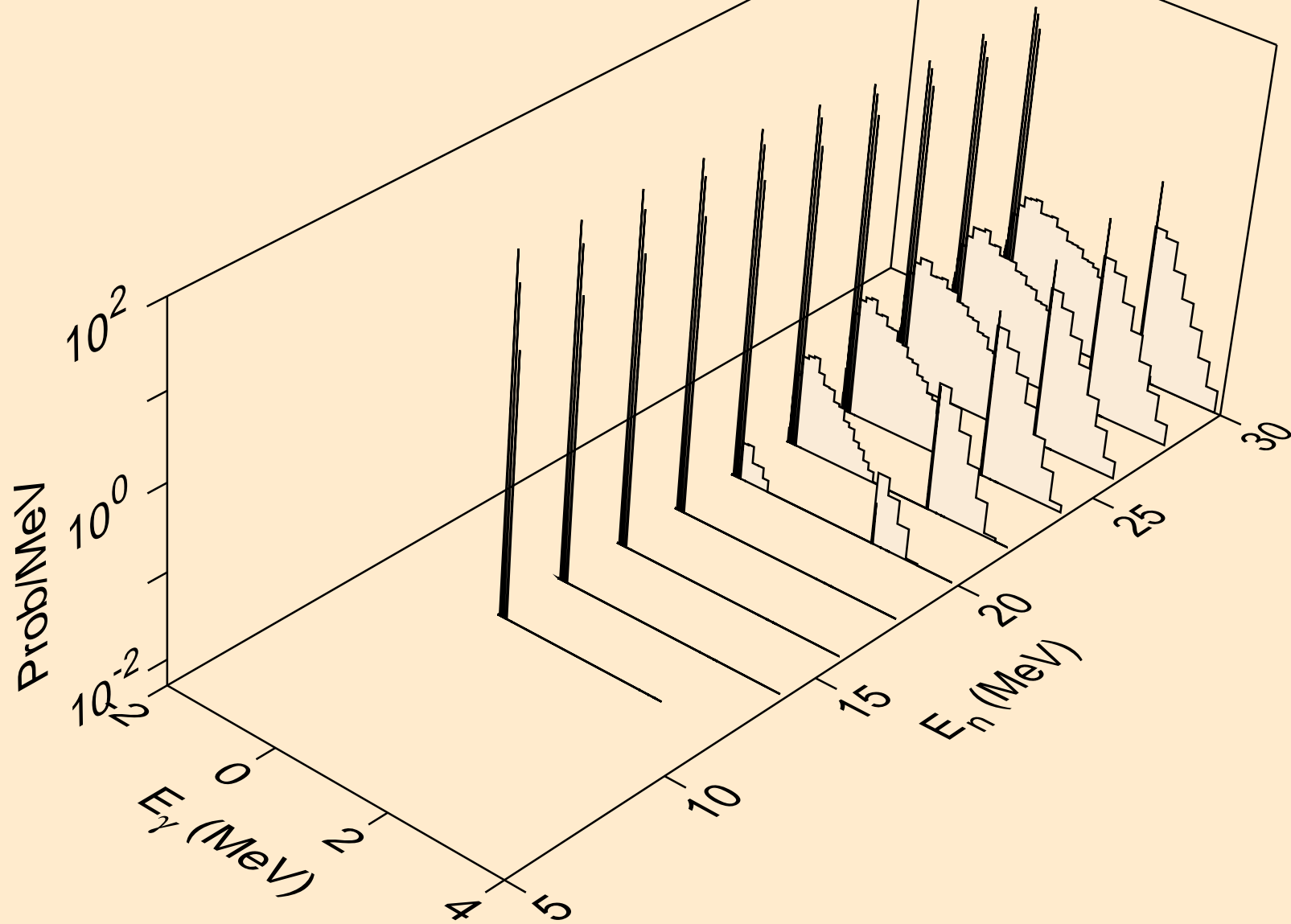




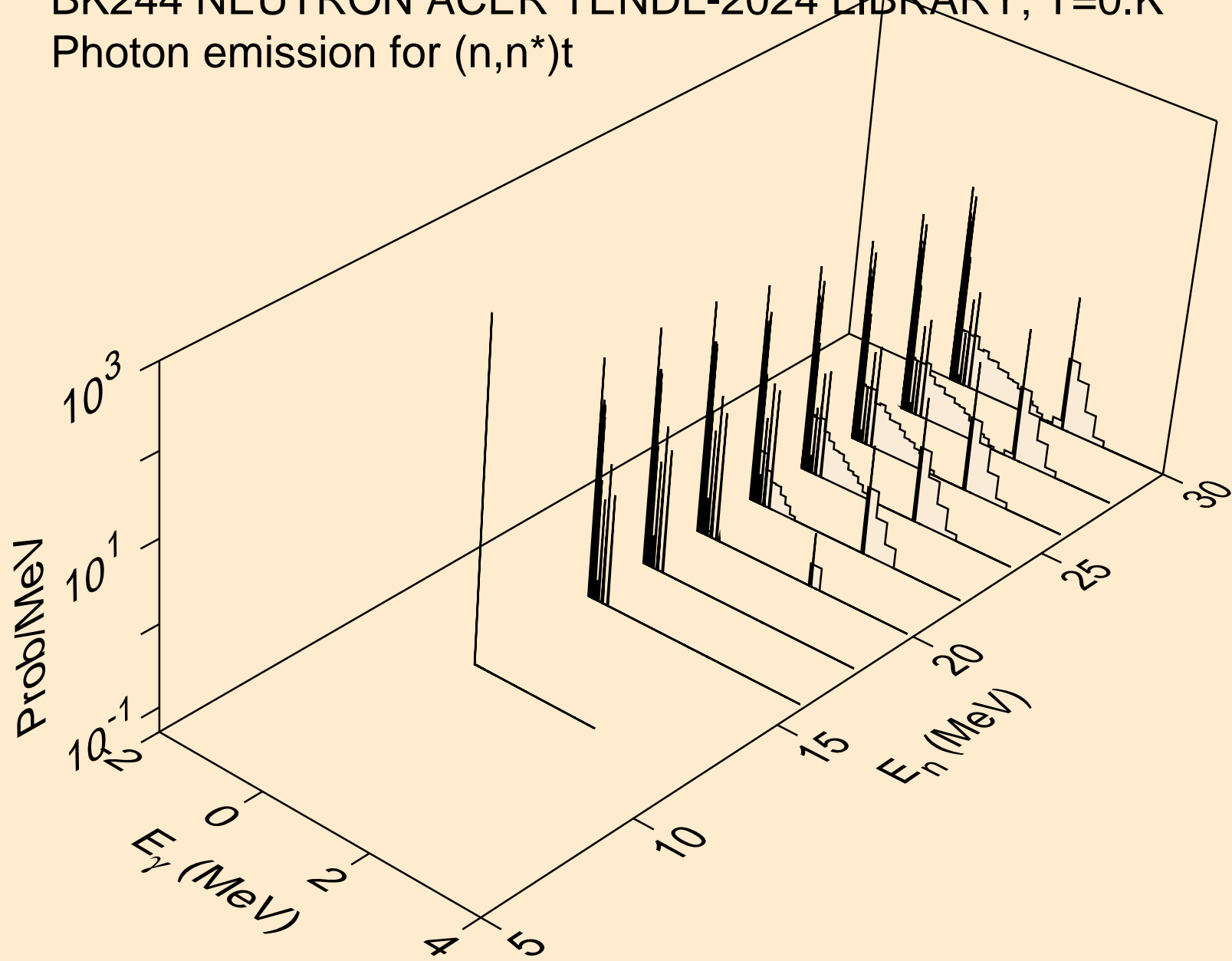
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



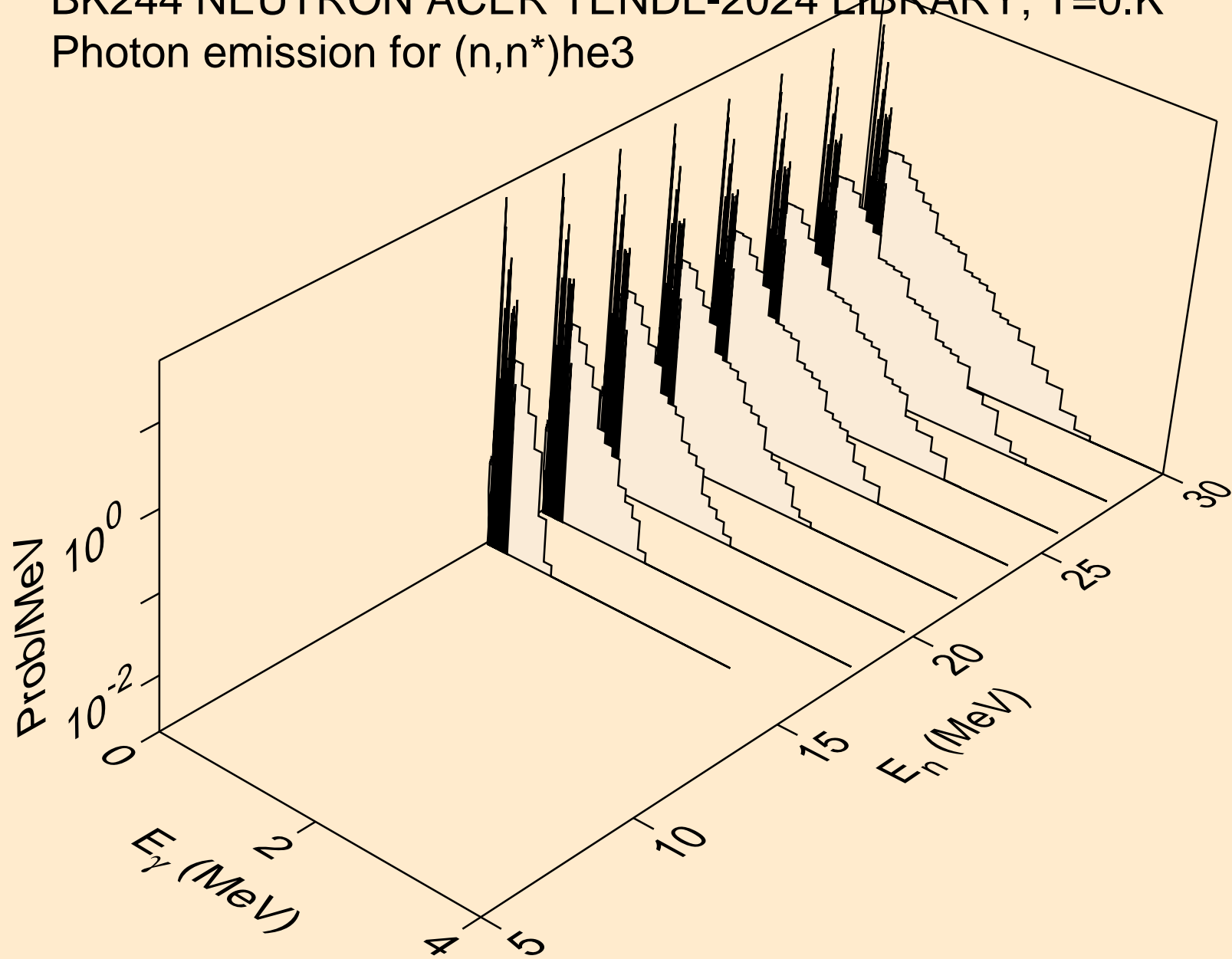
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



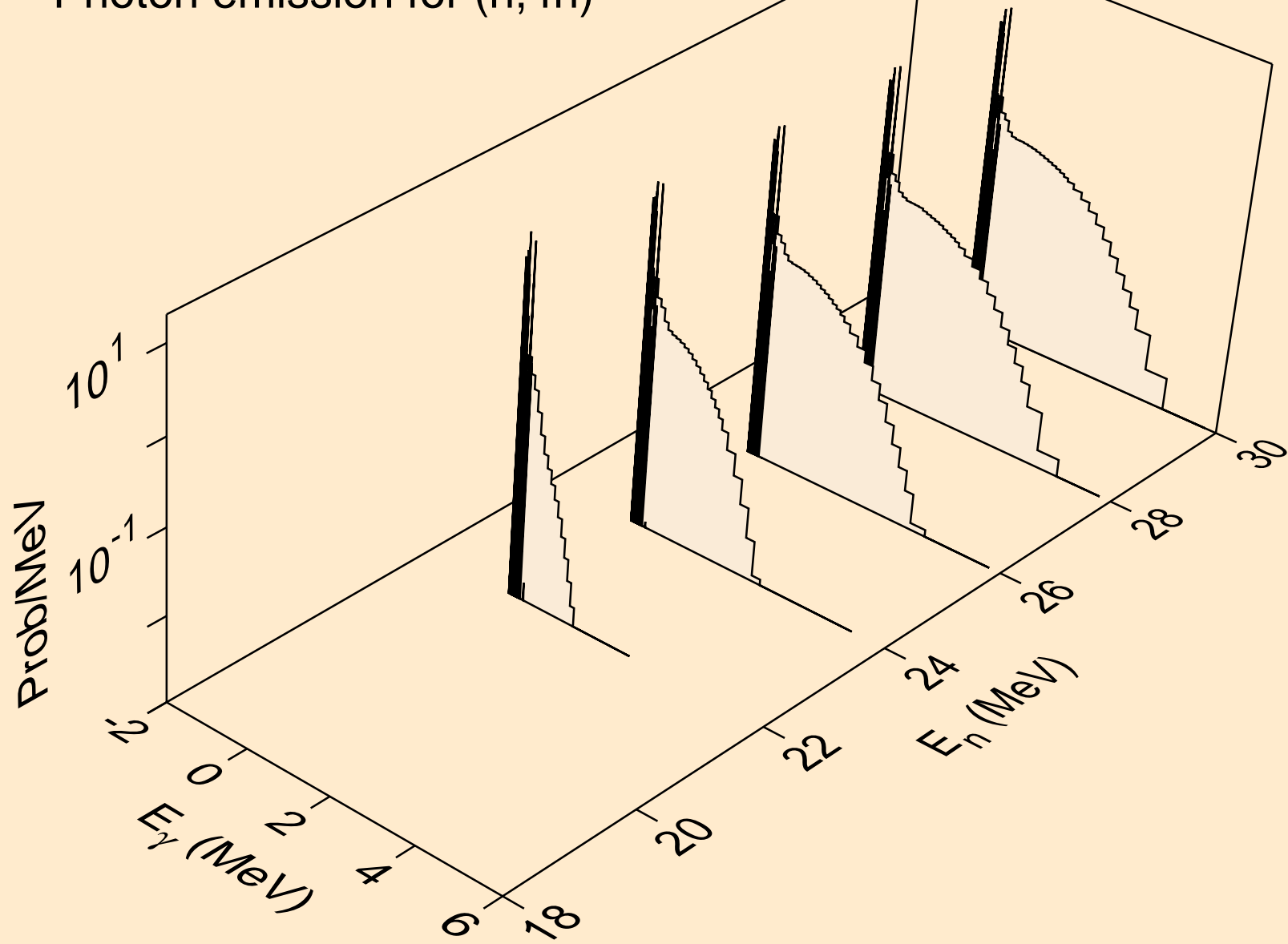
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



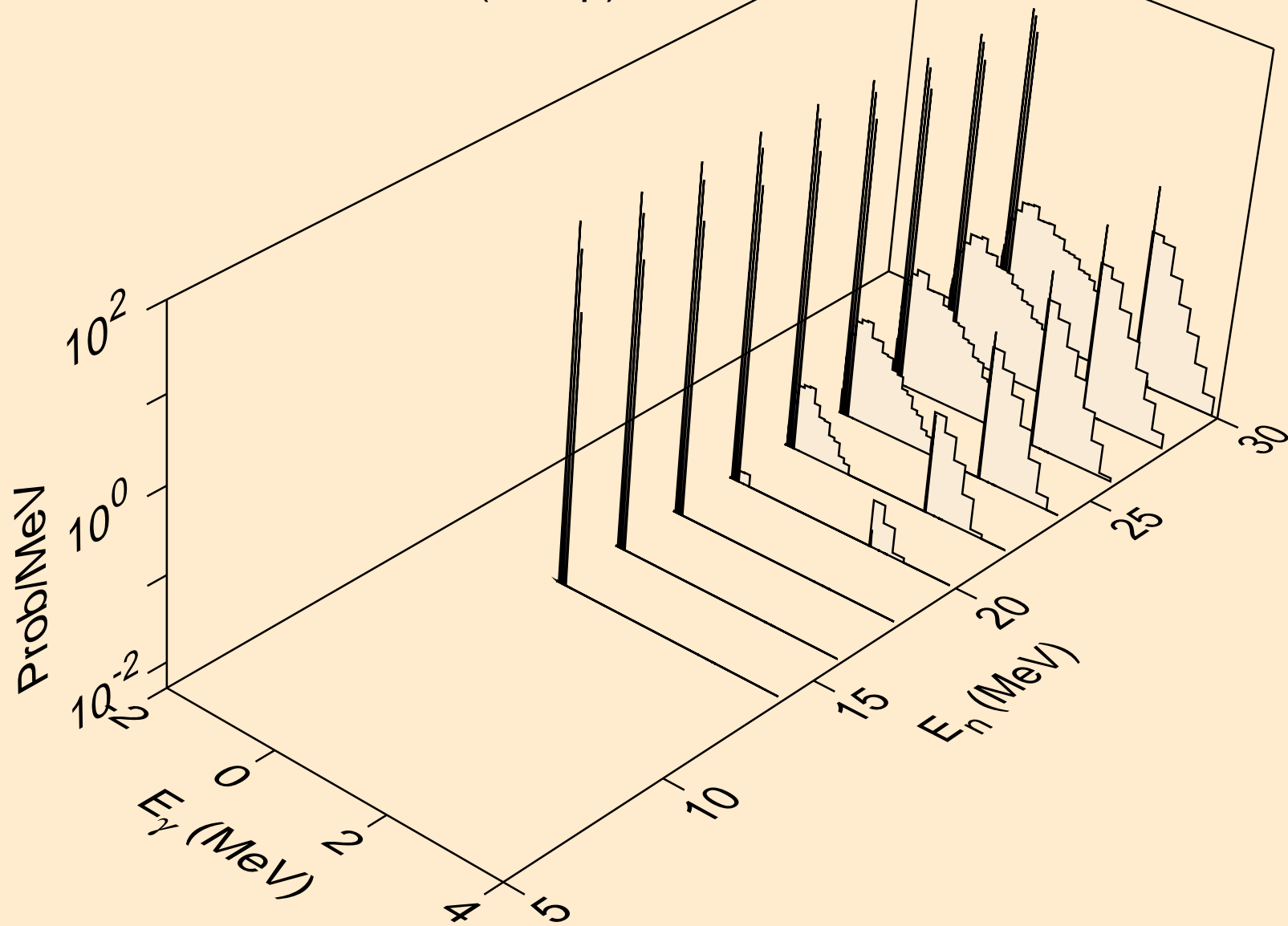
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



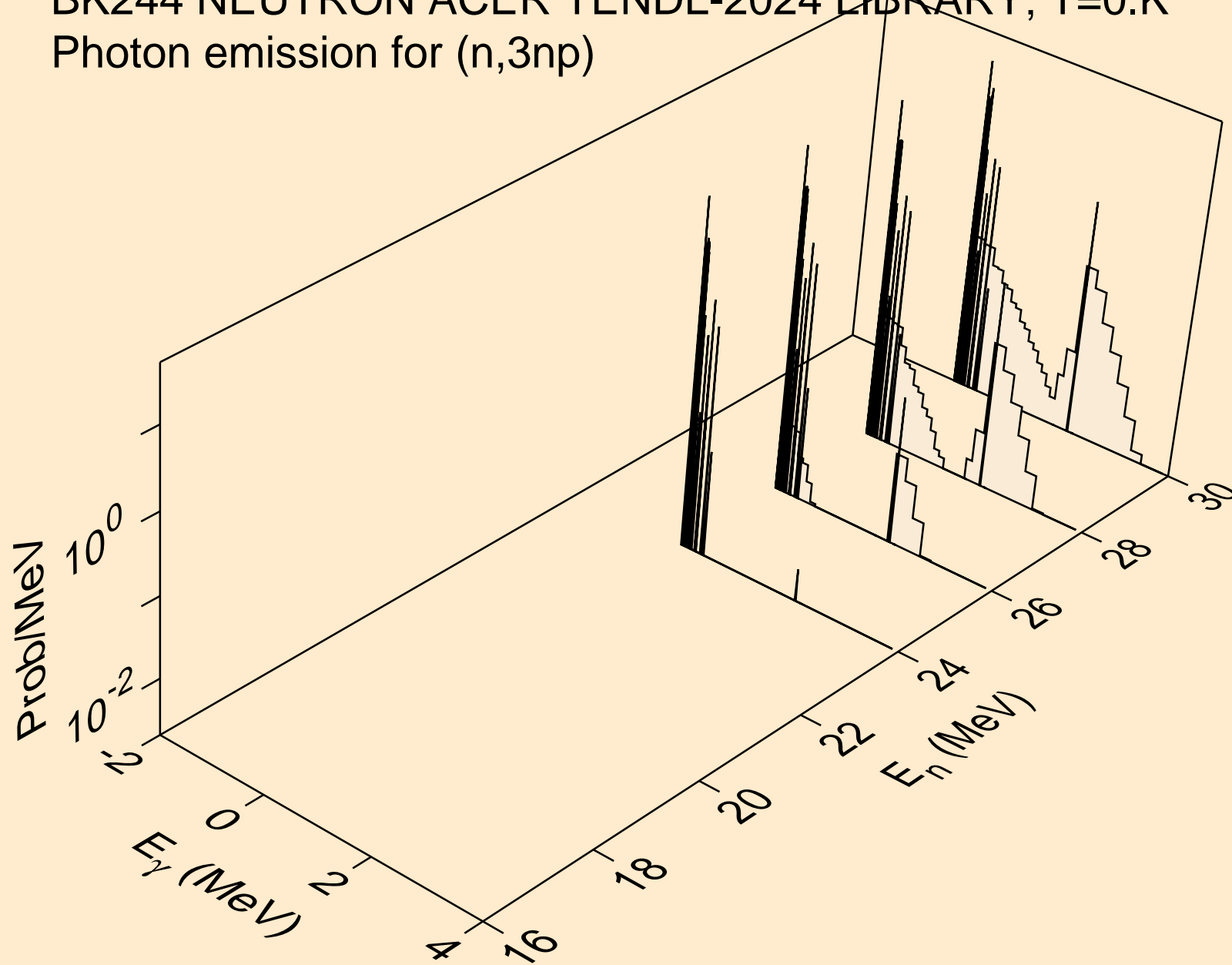
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



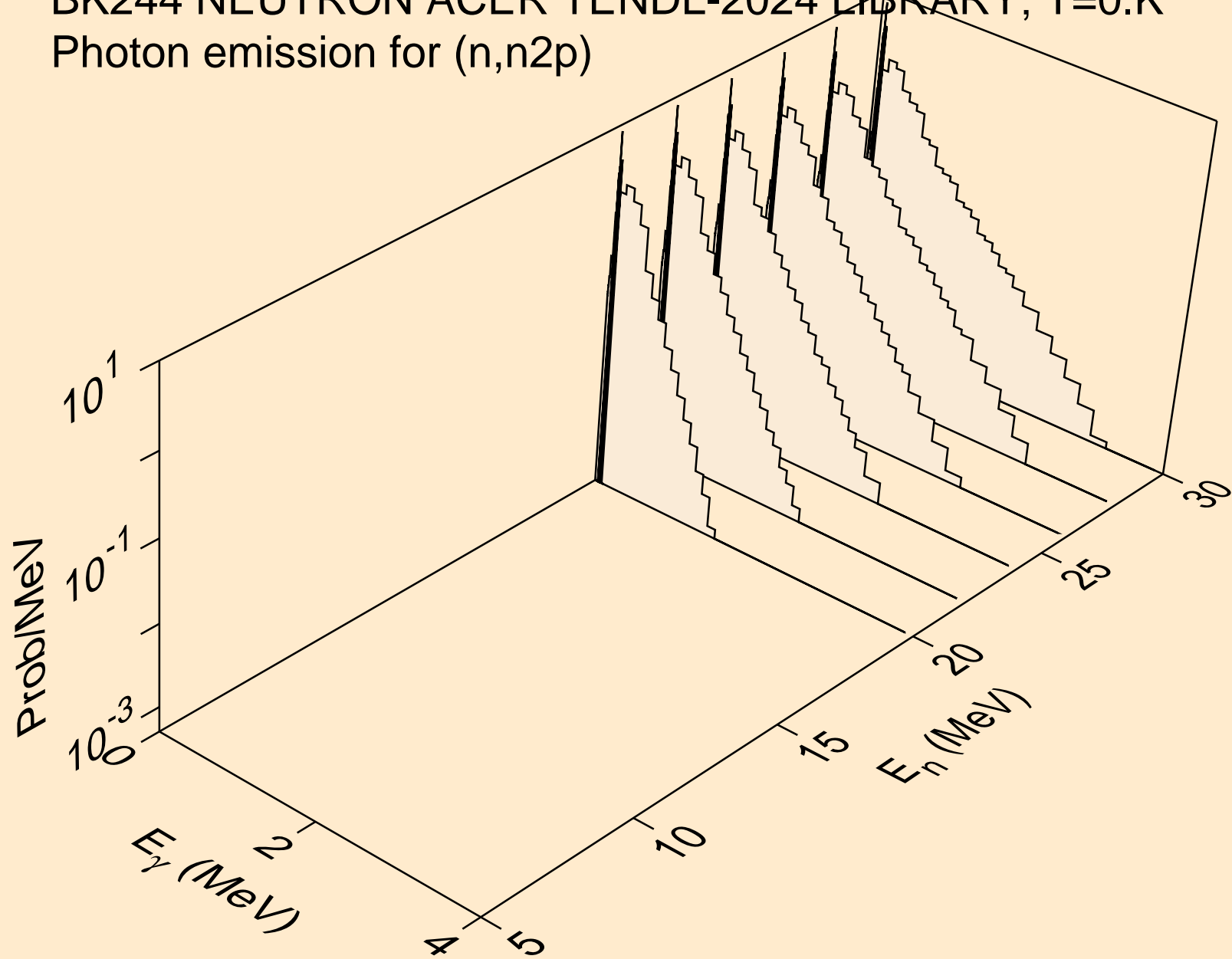
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

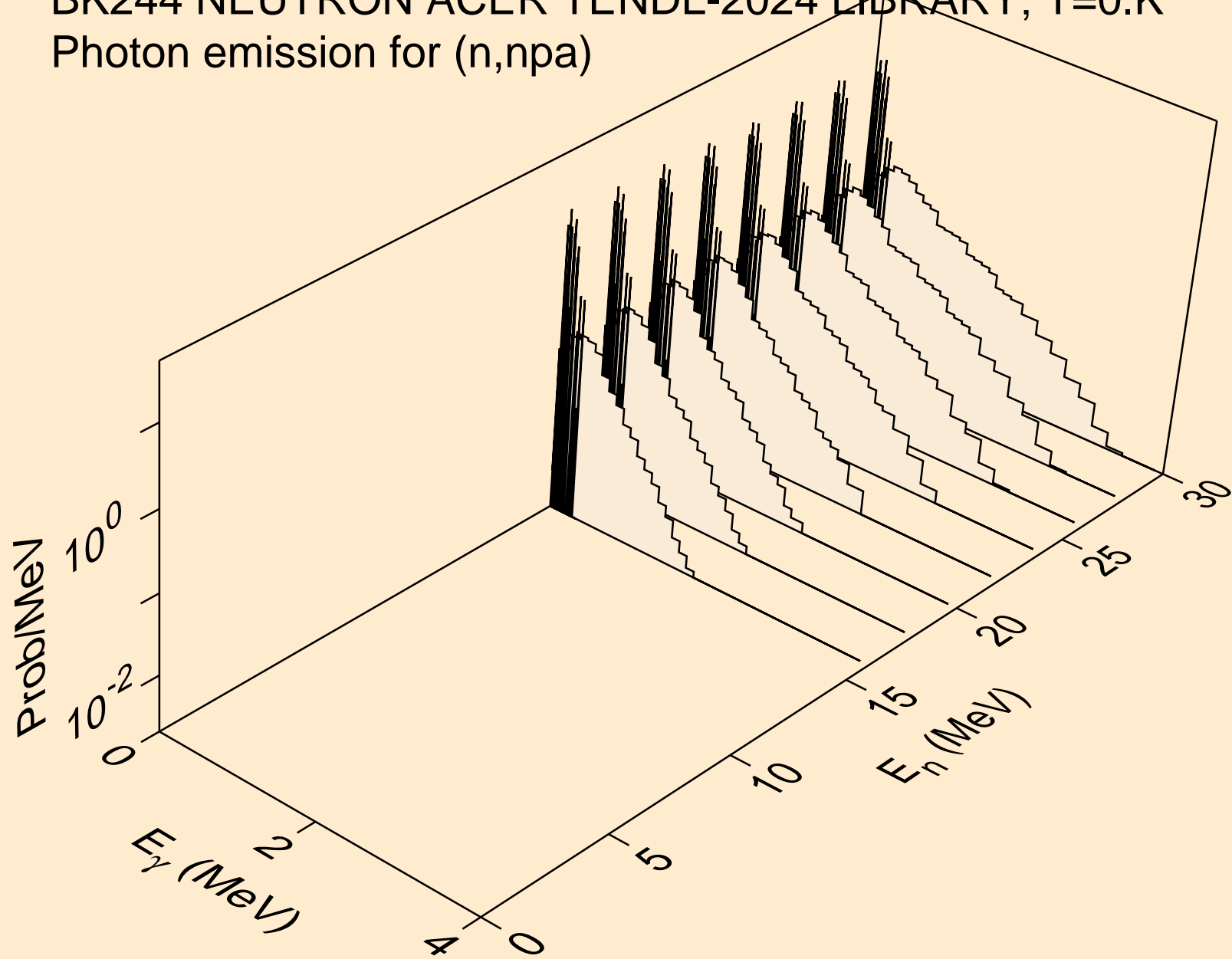


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

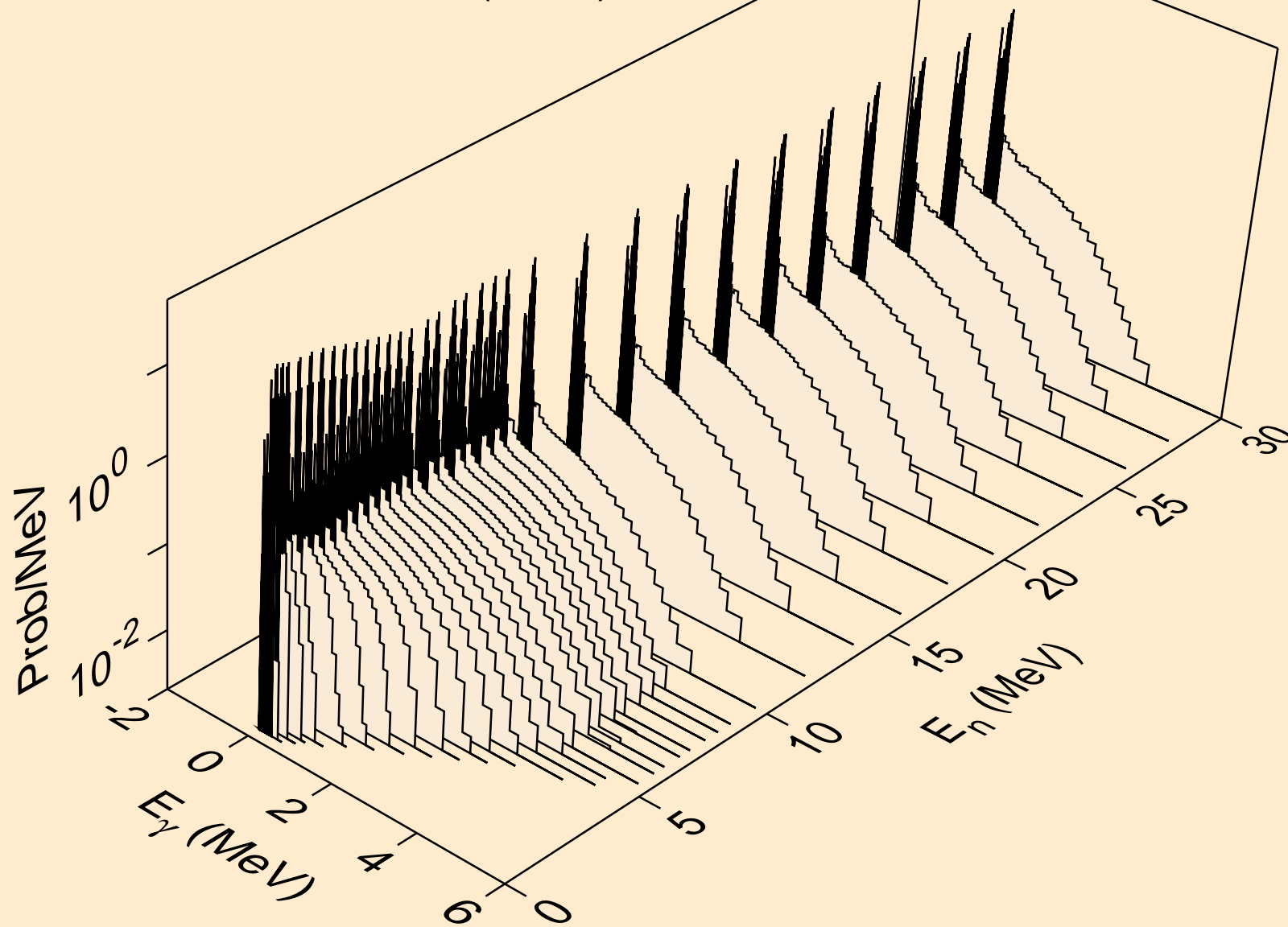




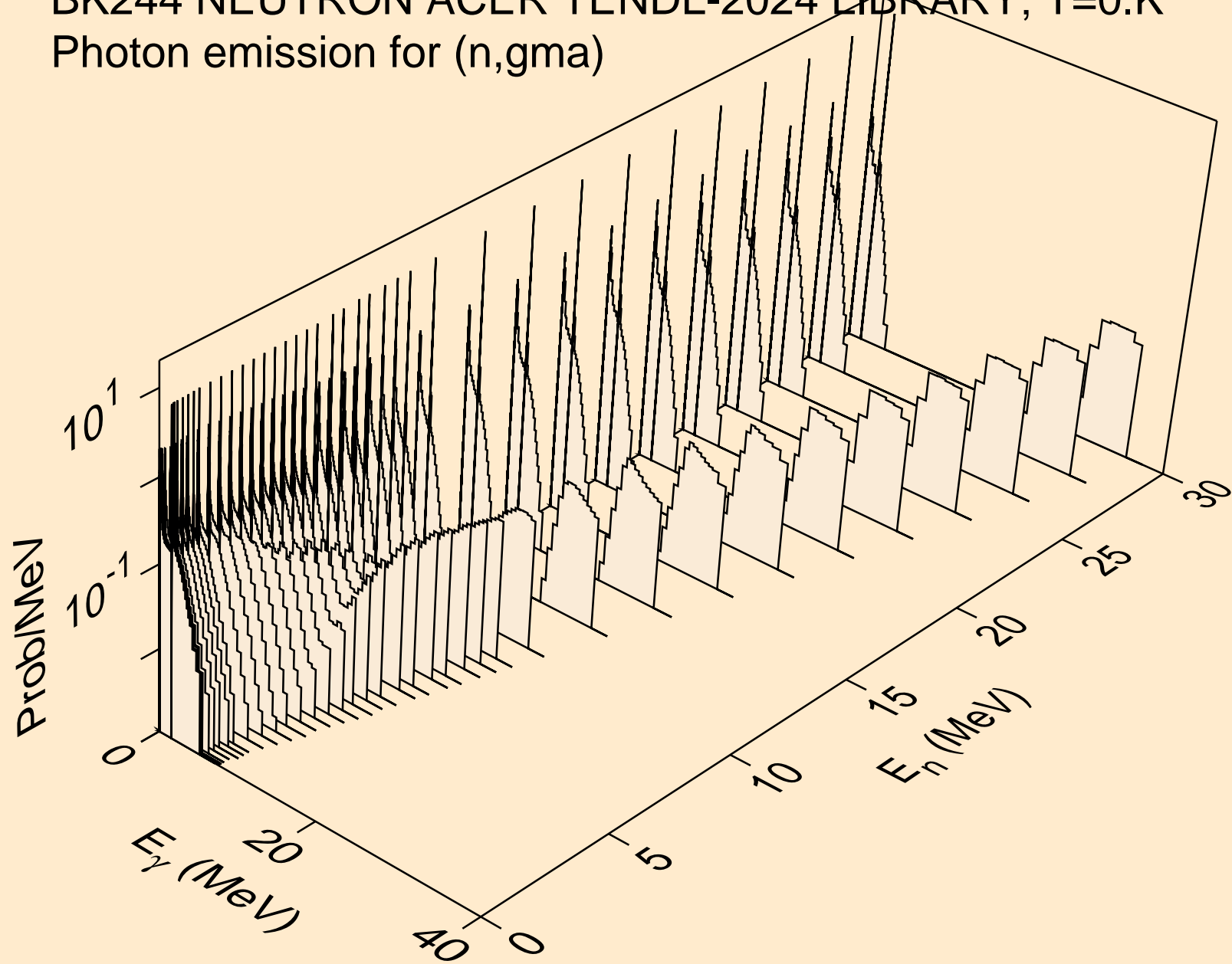
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



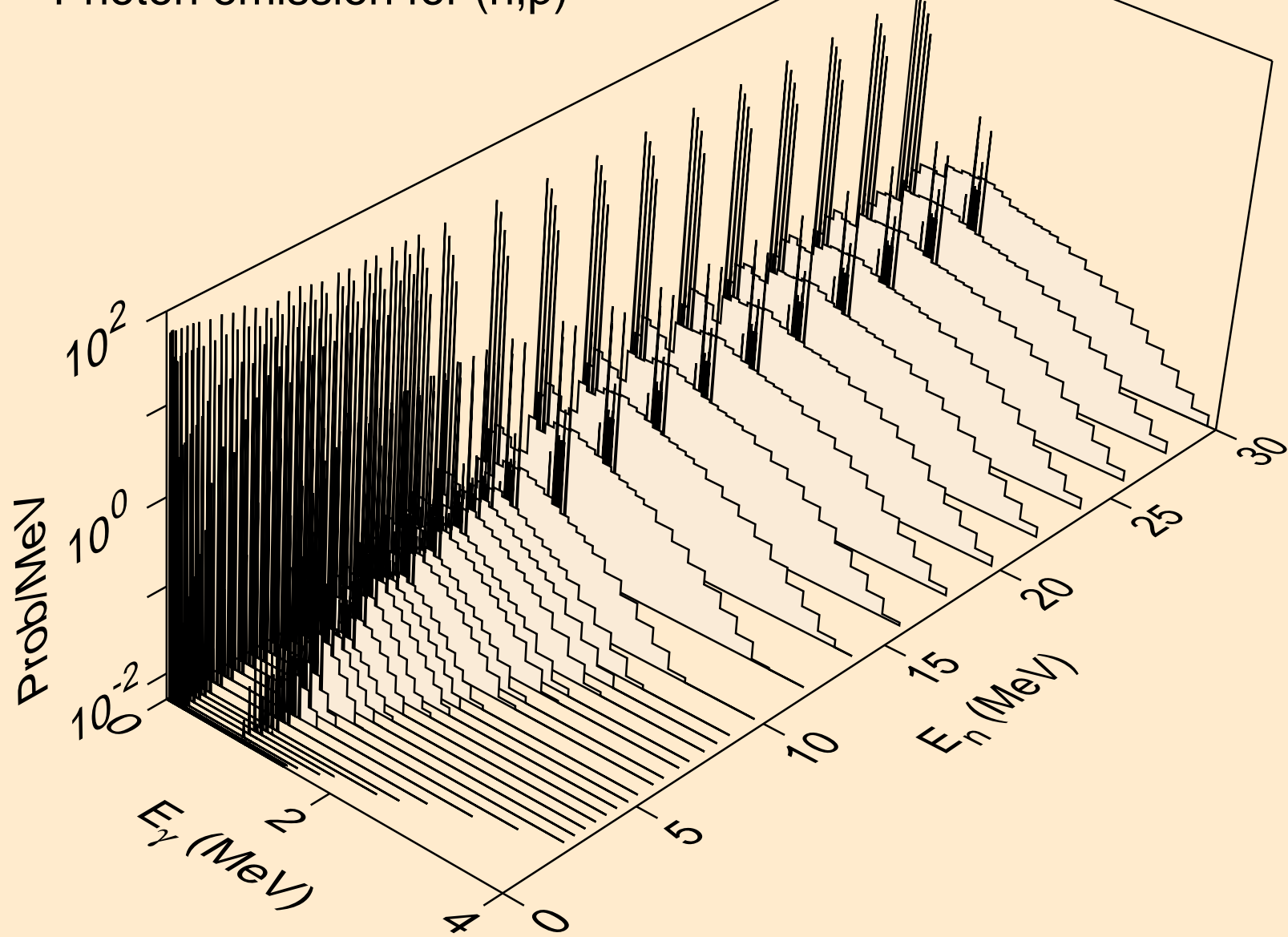
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



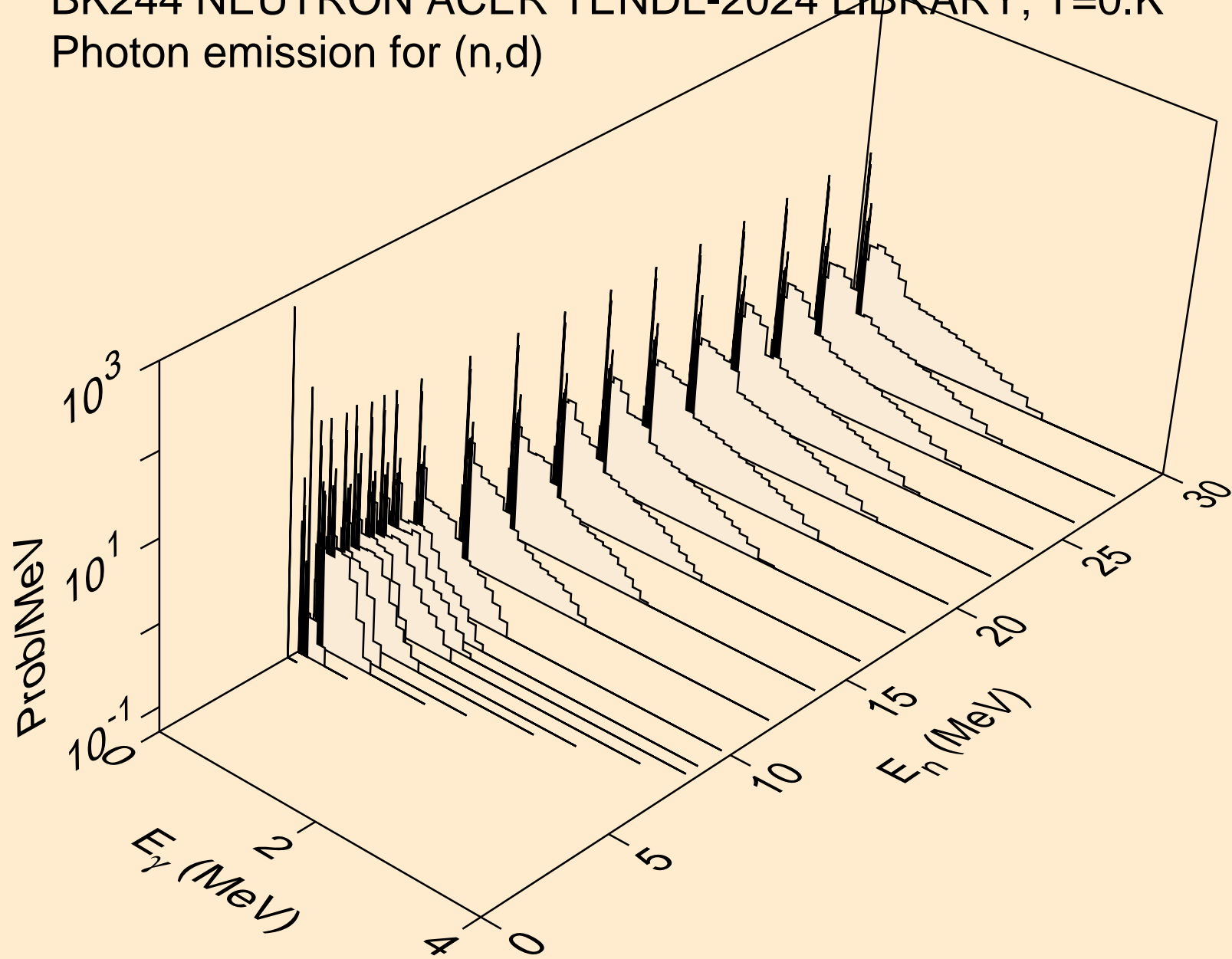
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



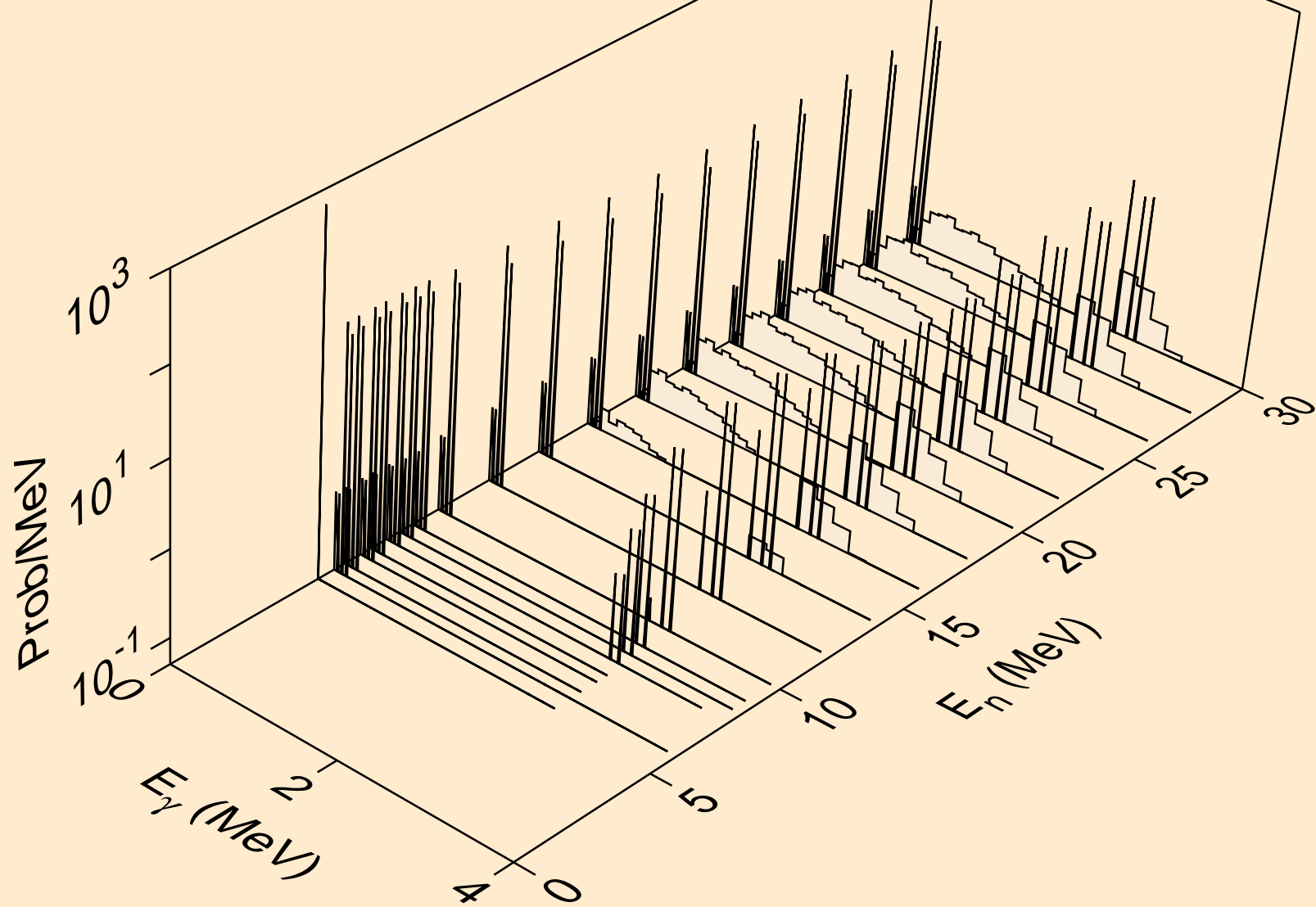
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Photon emission for (n,p)



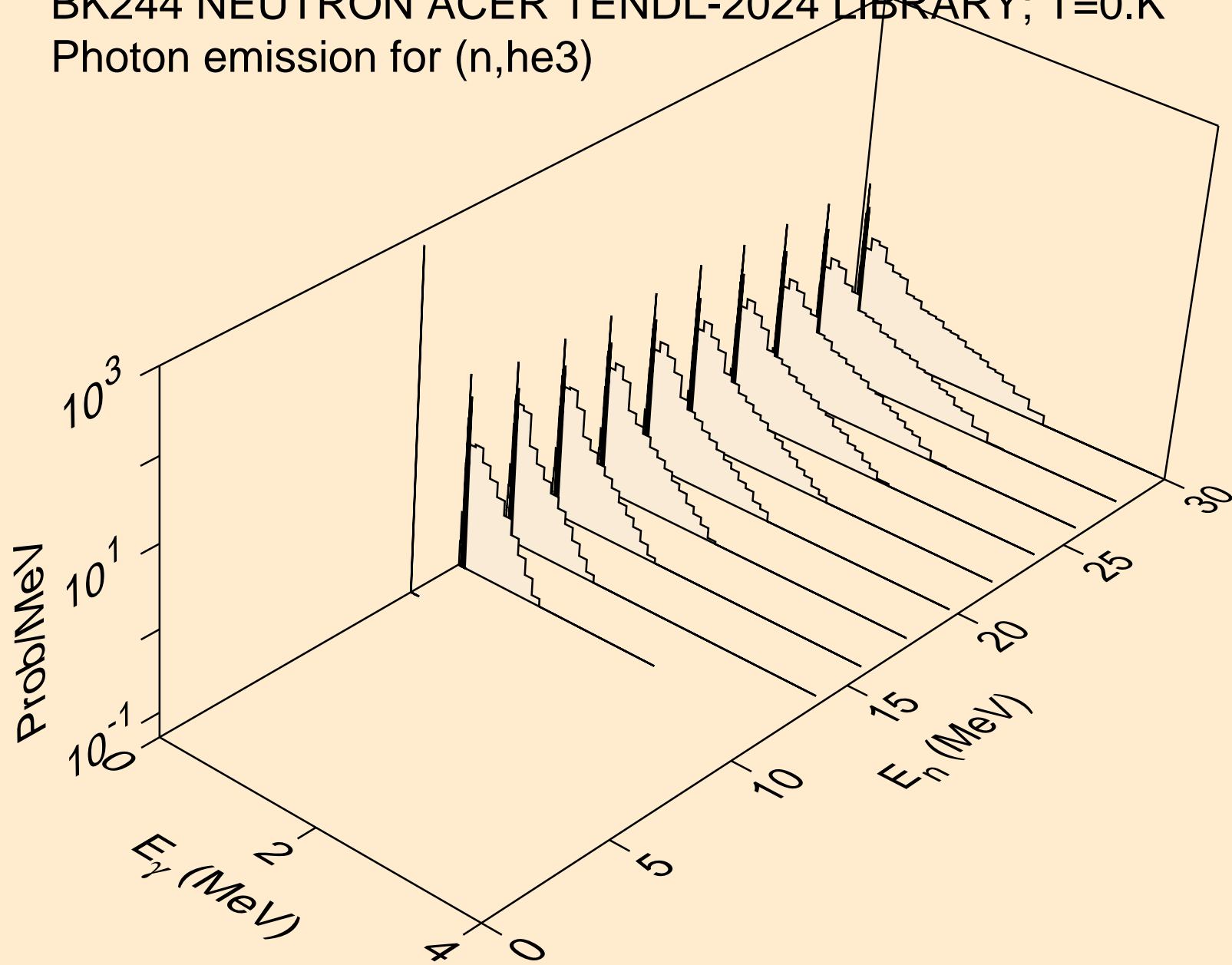
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Photon emission for (n,d)



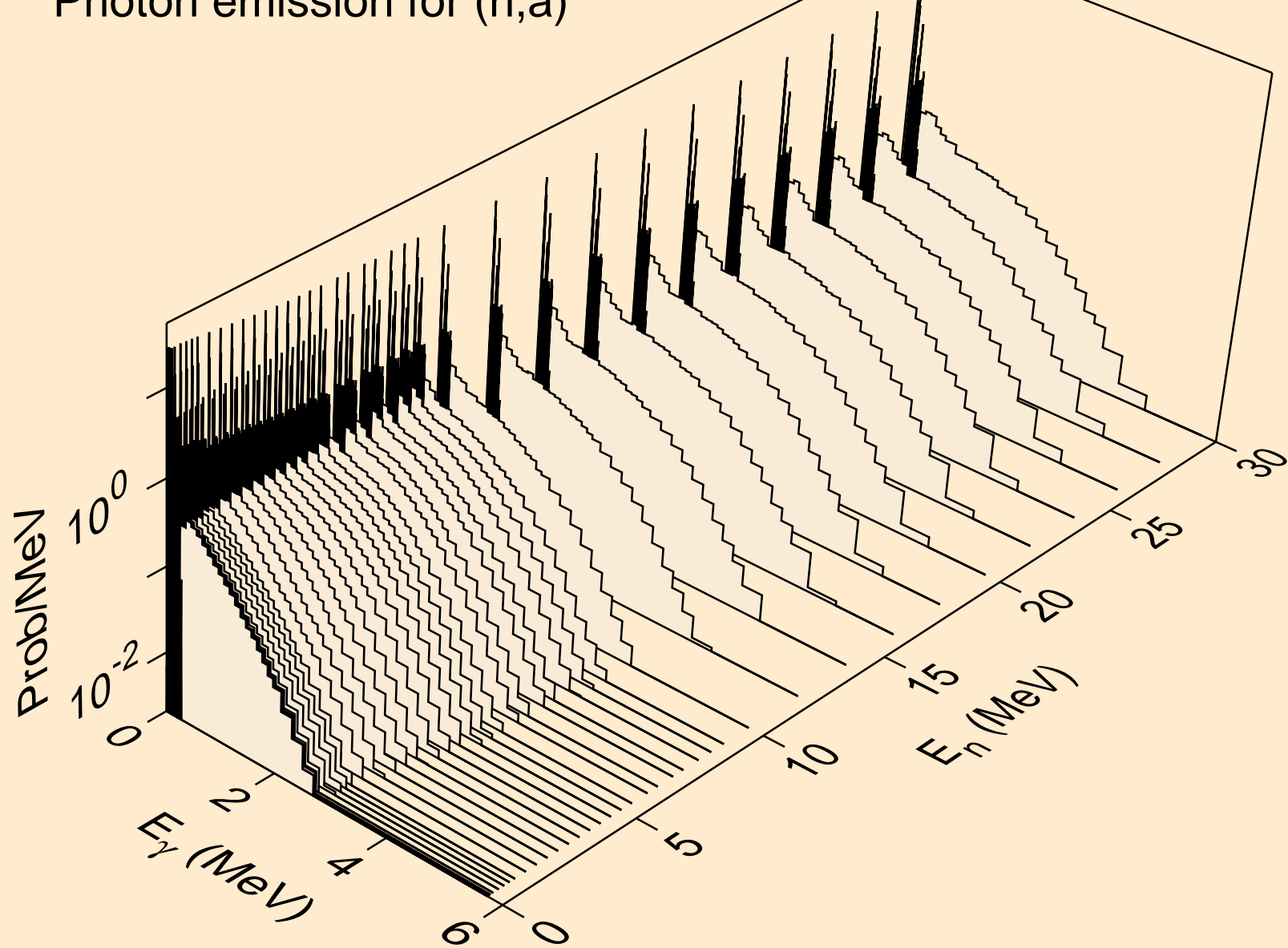
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

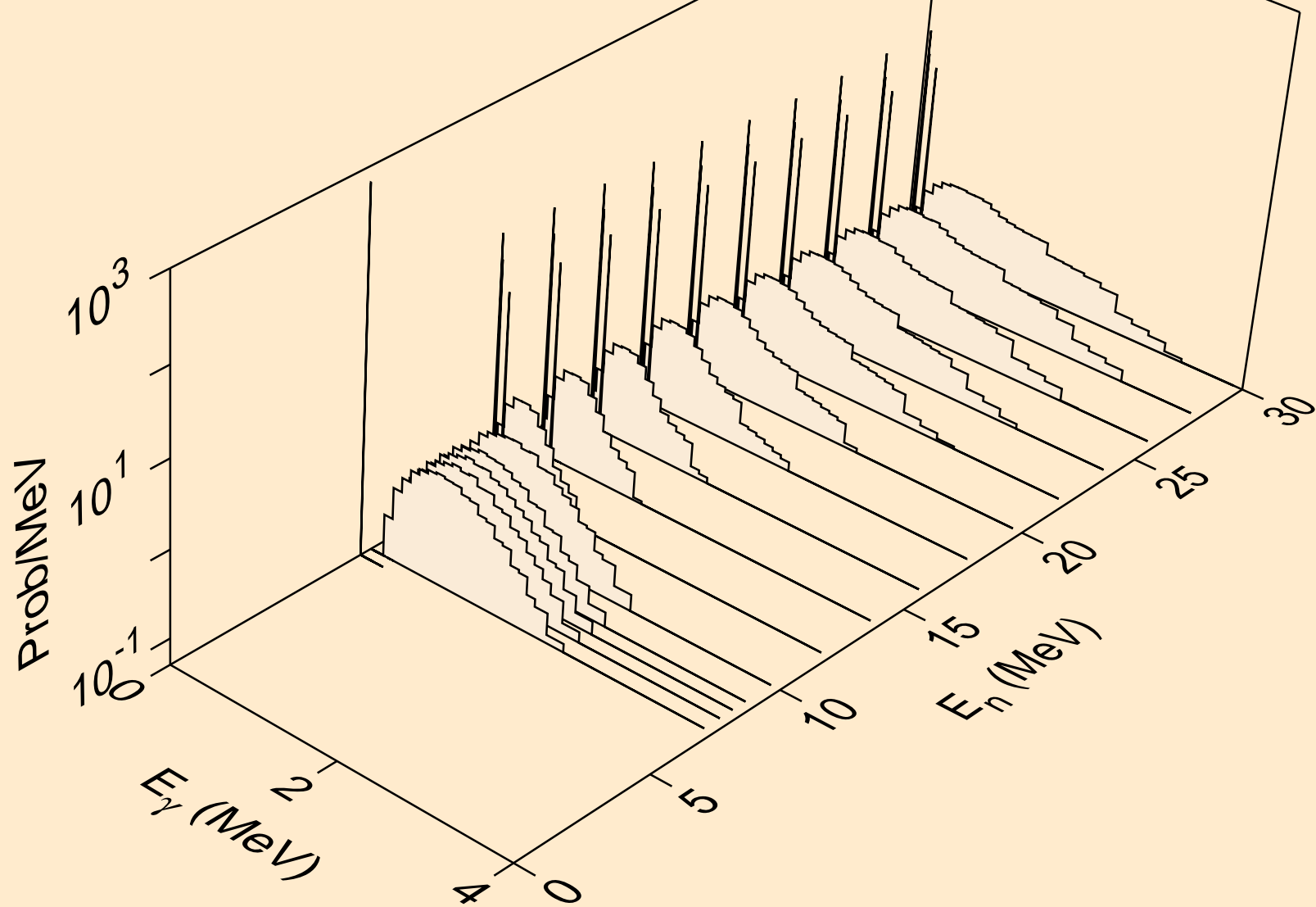


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

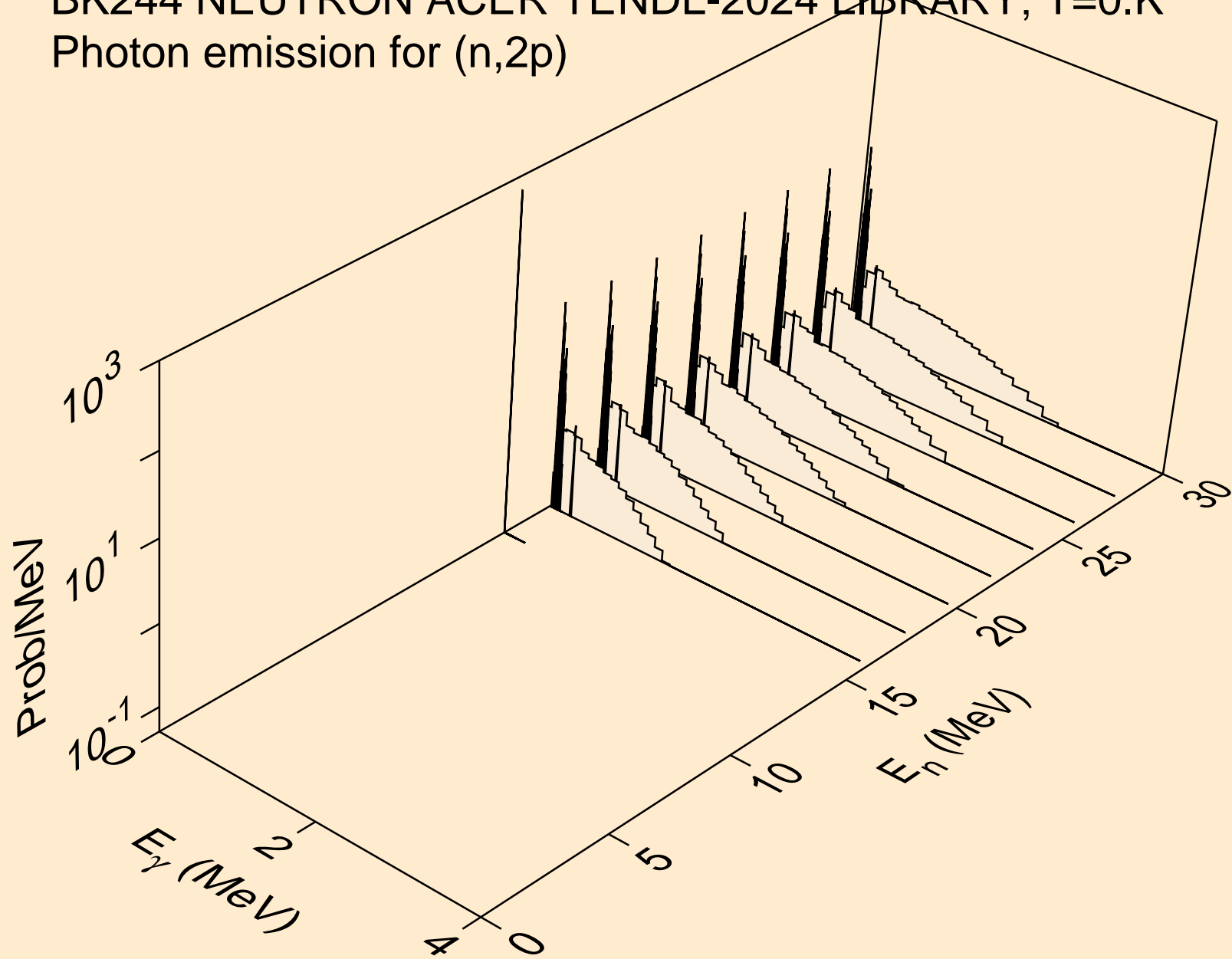




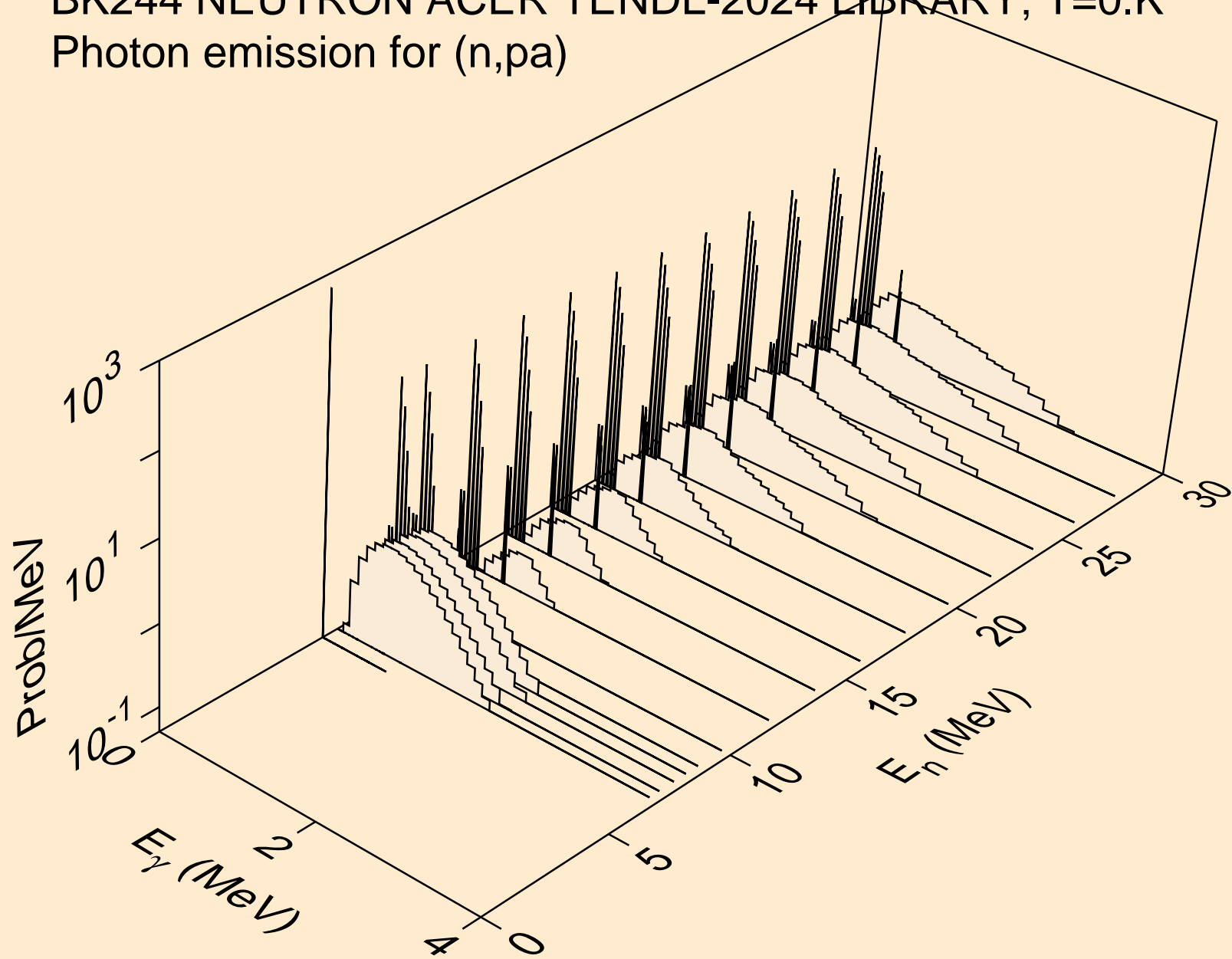
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



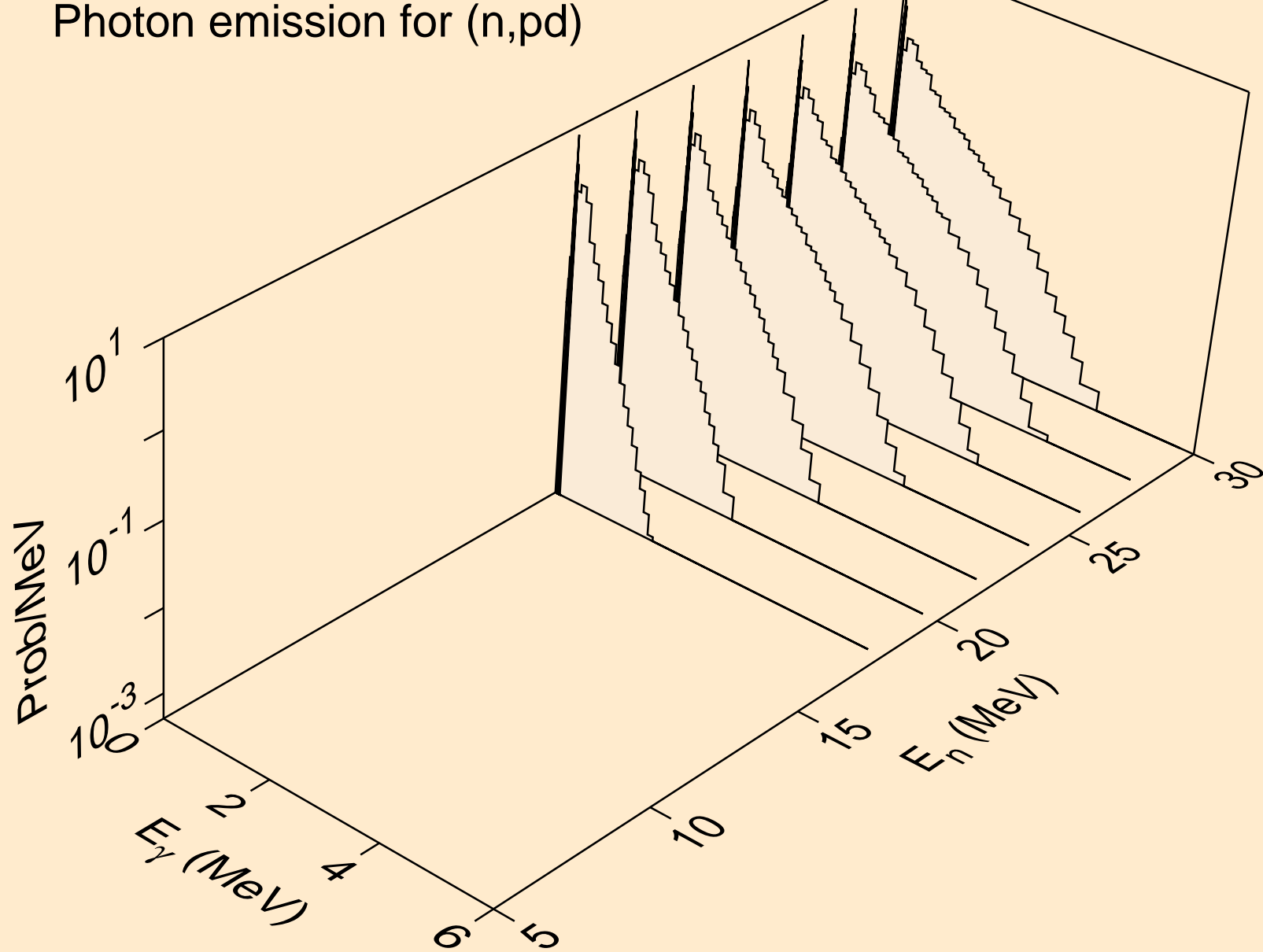
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Photon emission for (n,2p)



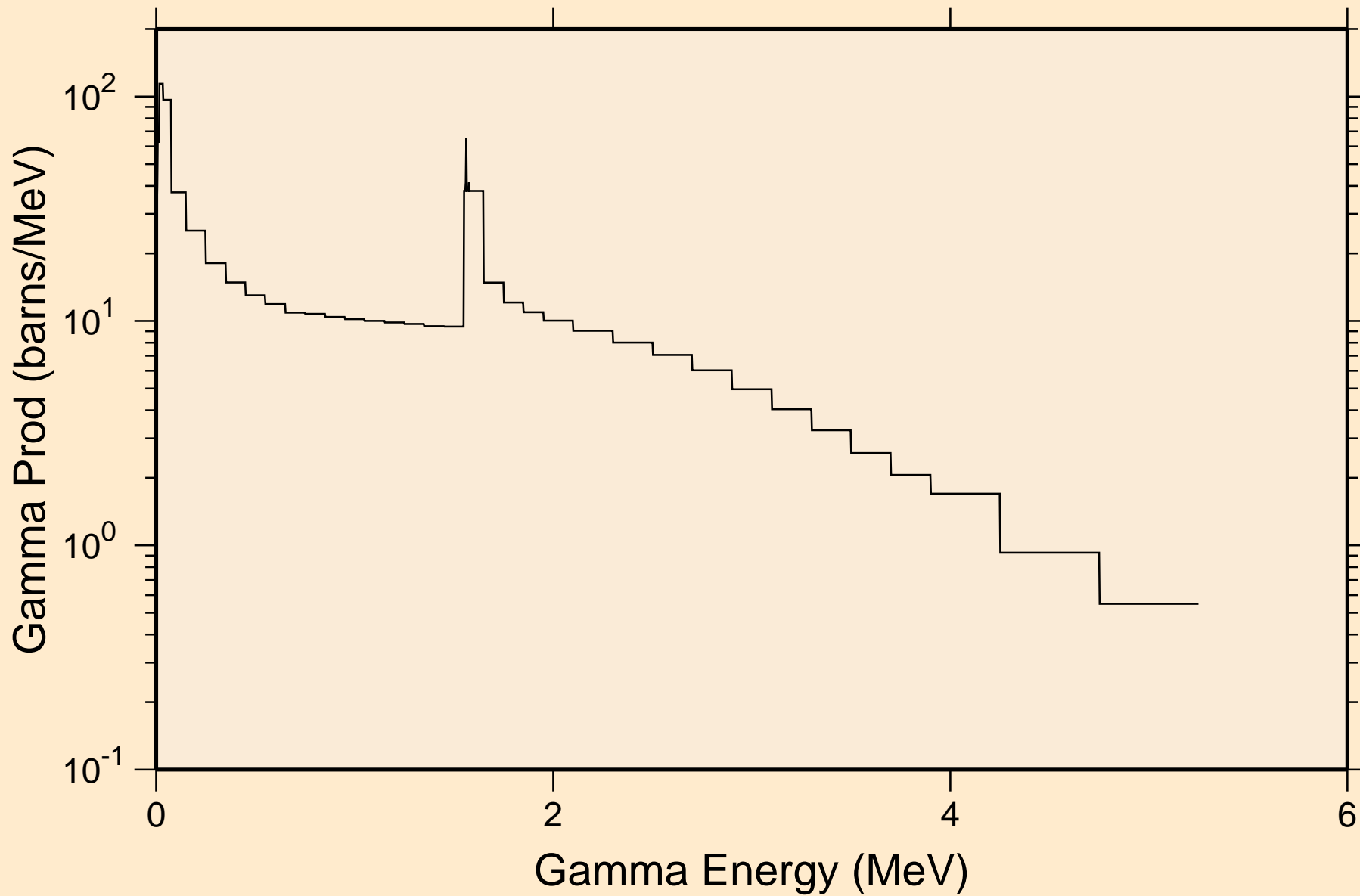
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



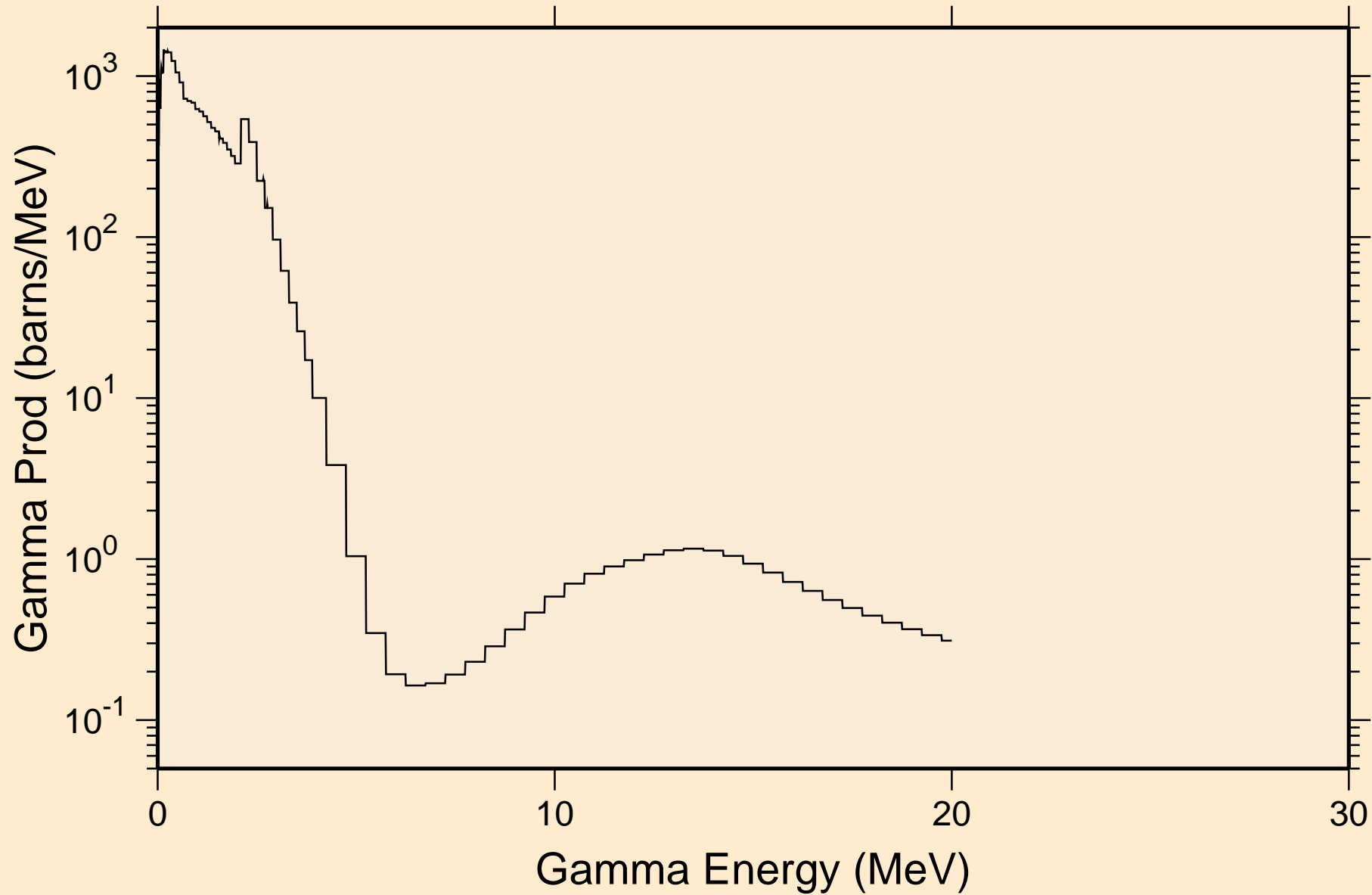
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

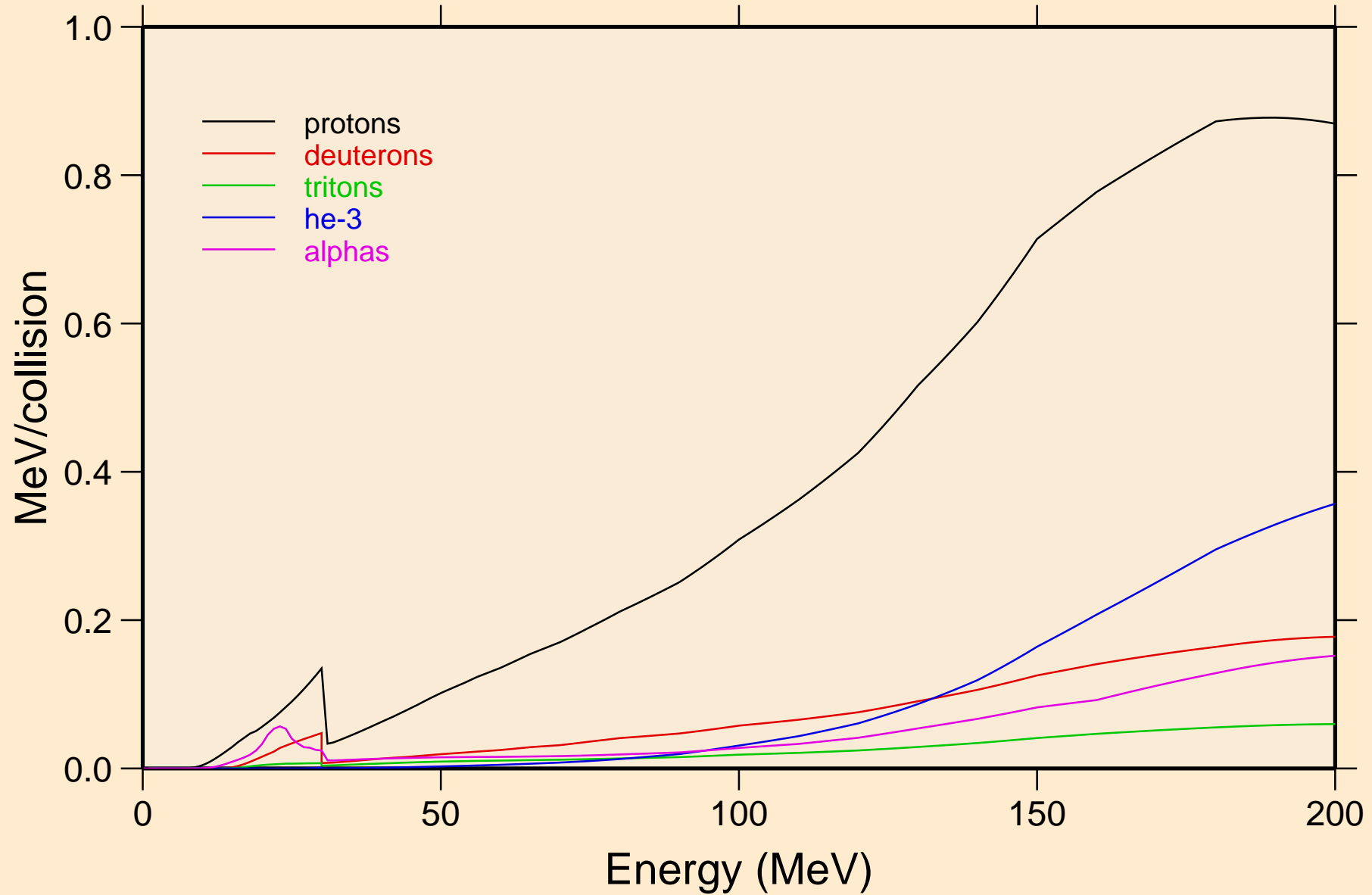


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

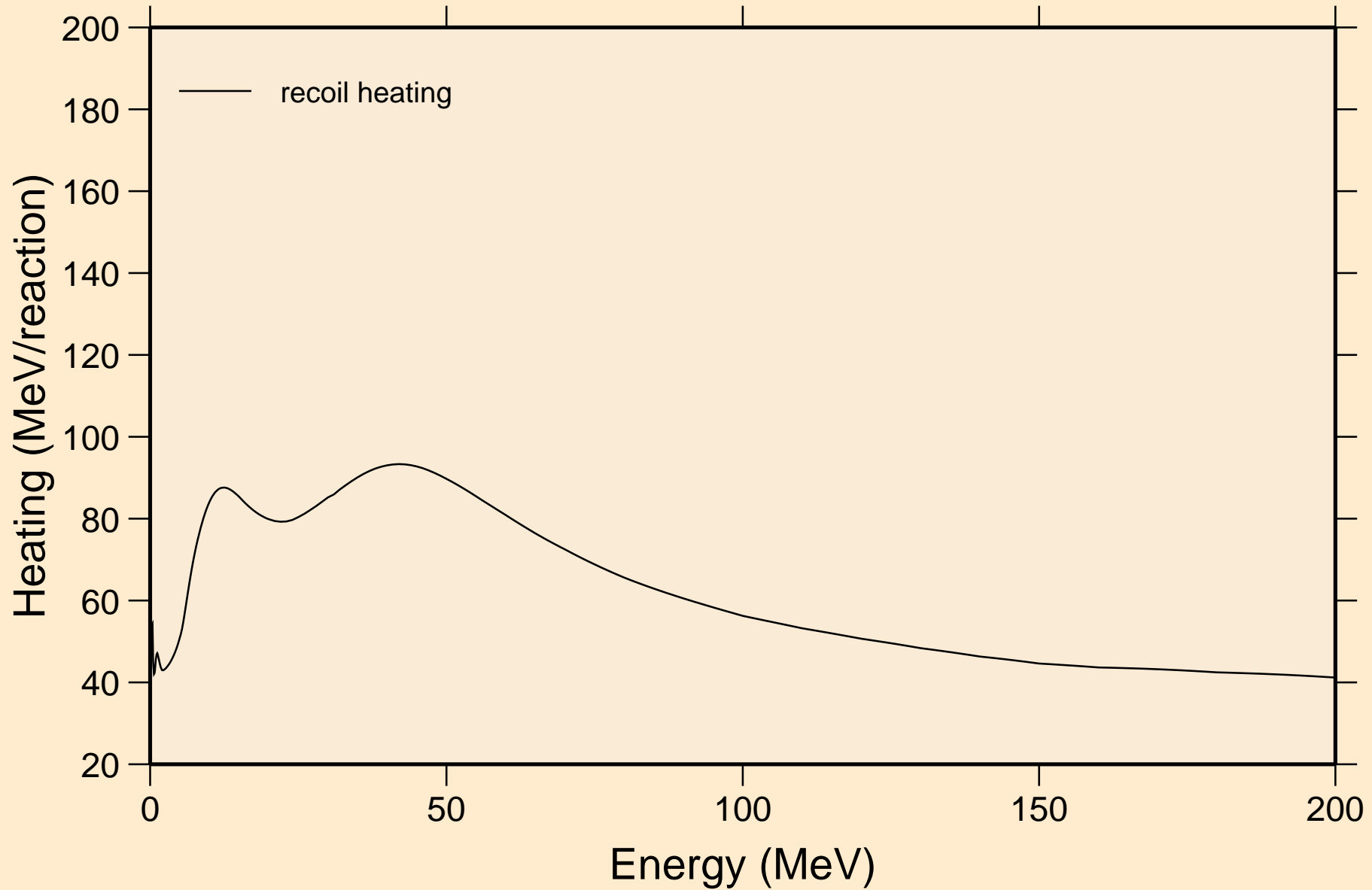


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



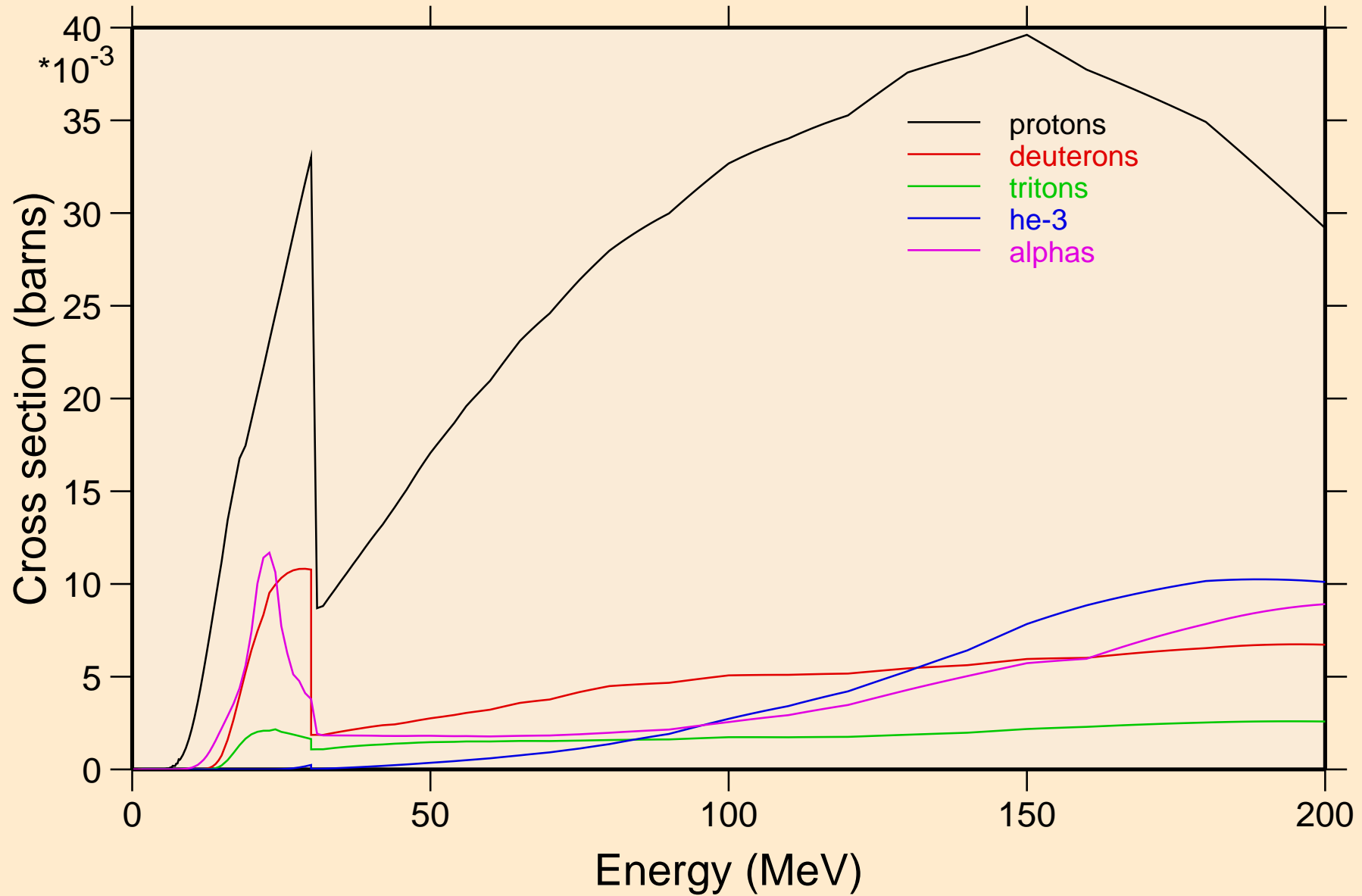
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



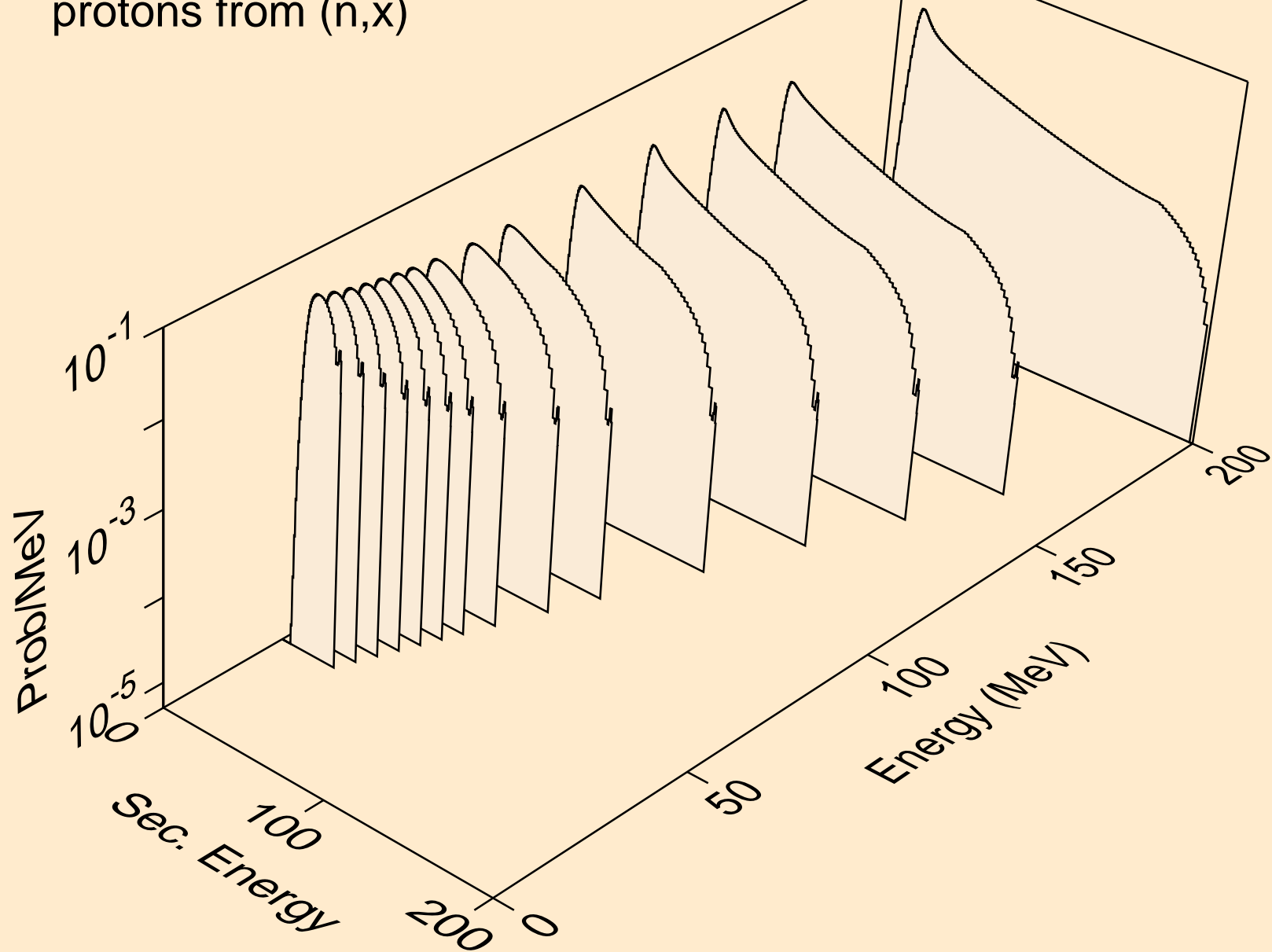


# BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

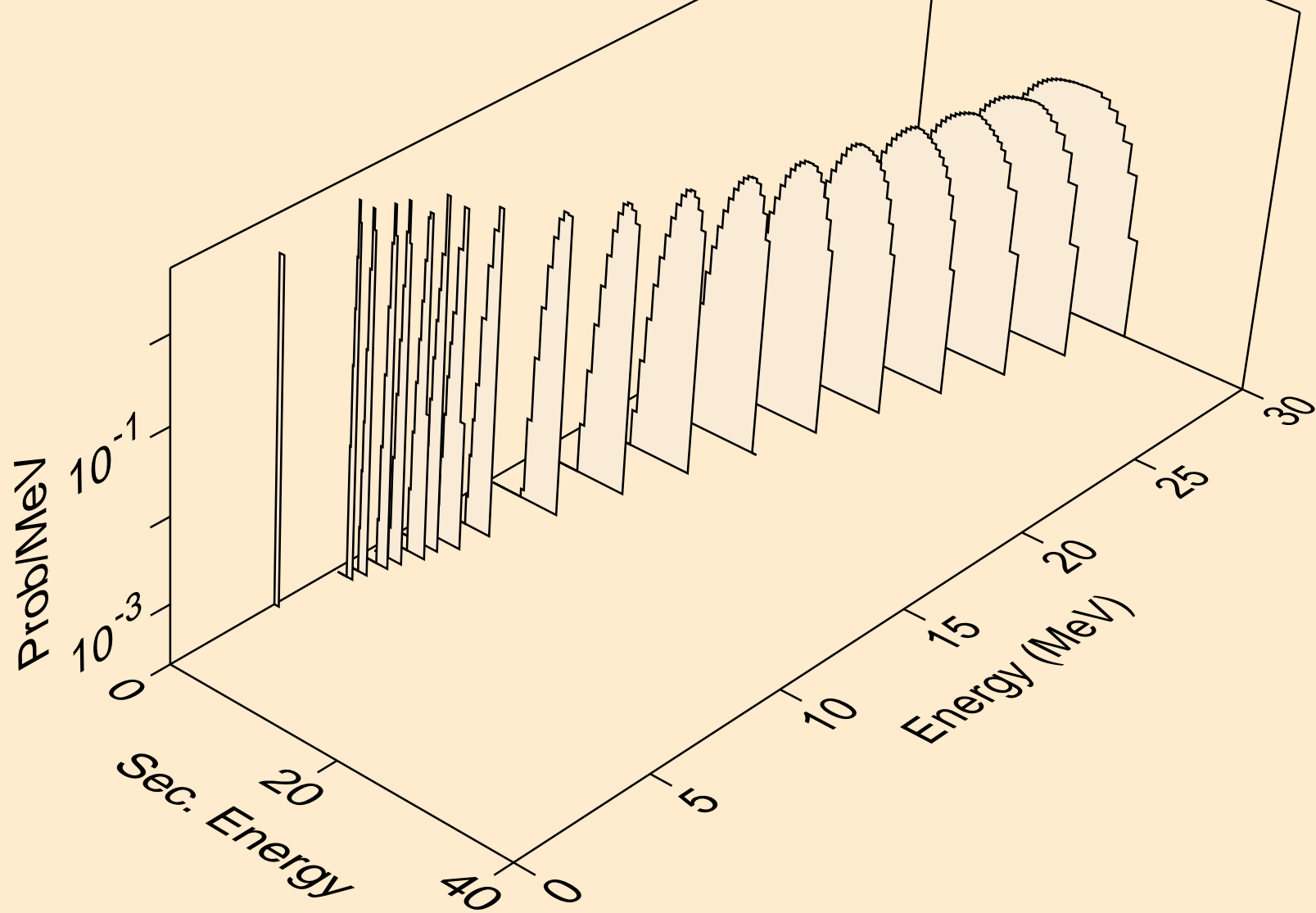
## Particle production cross sections



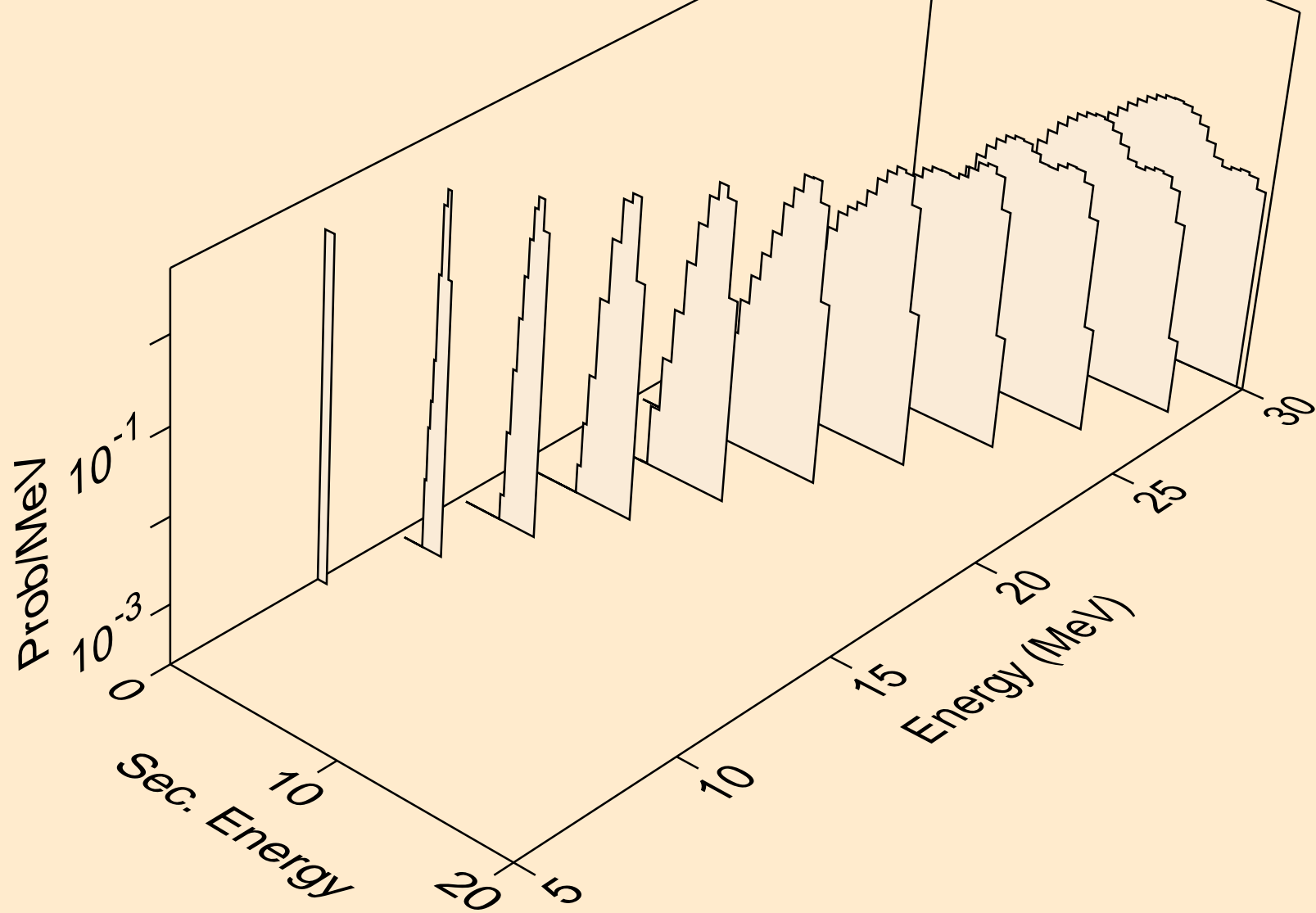
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



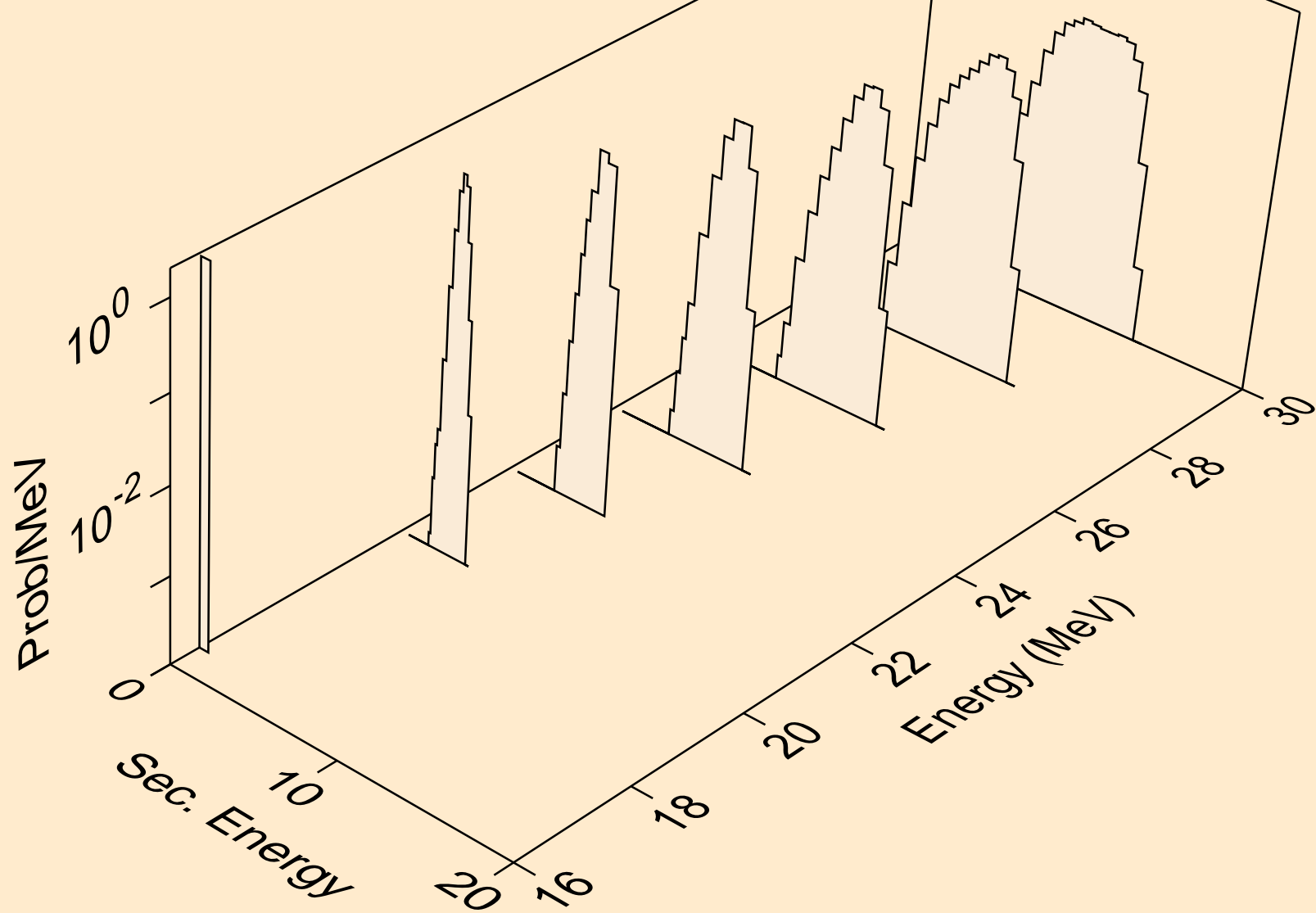
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



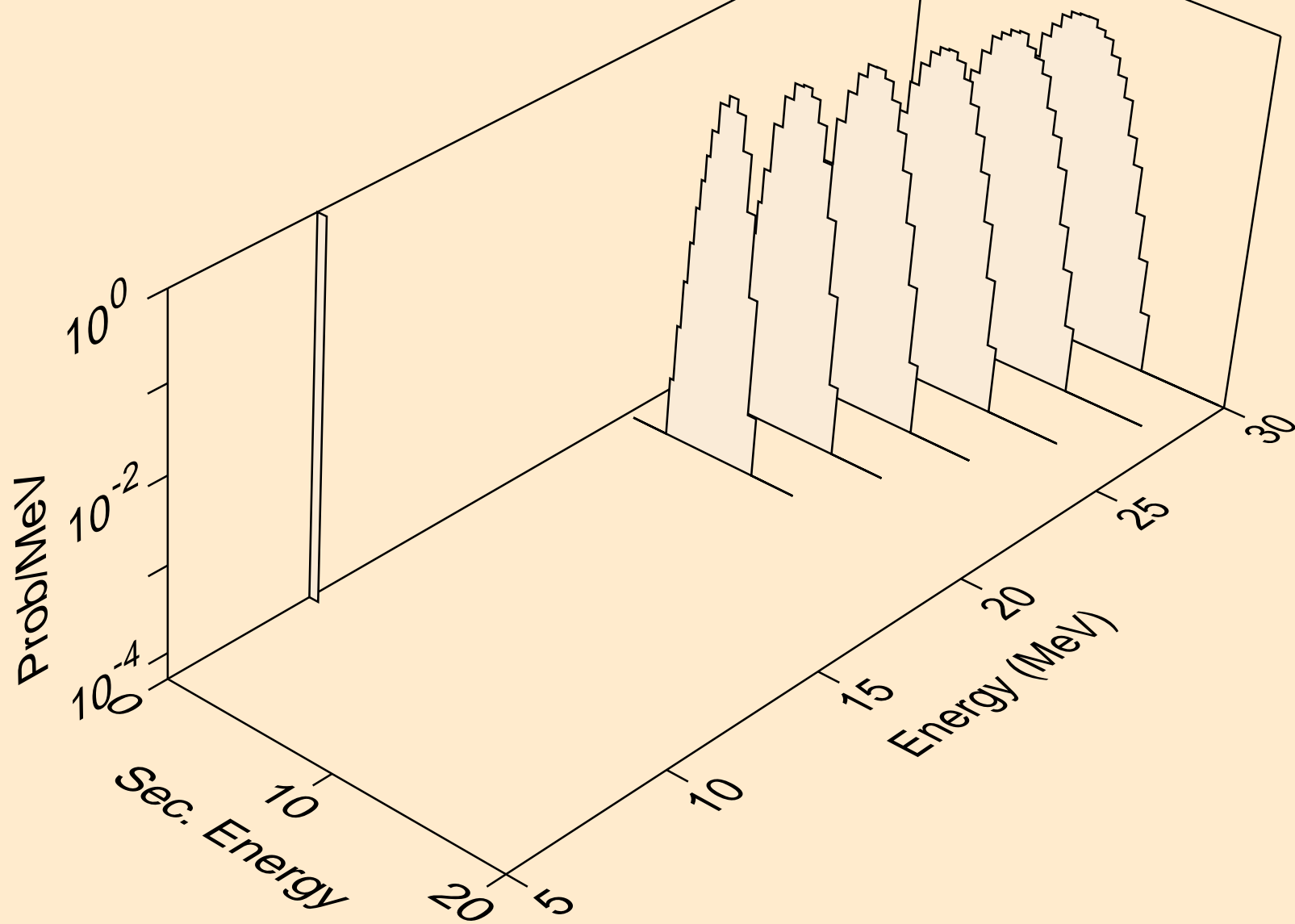
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protons from (n,2np)



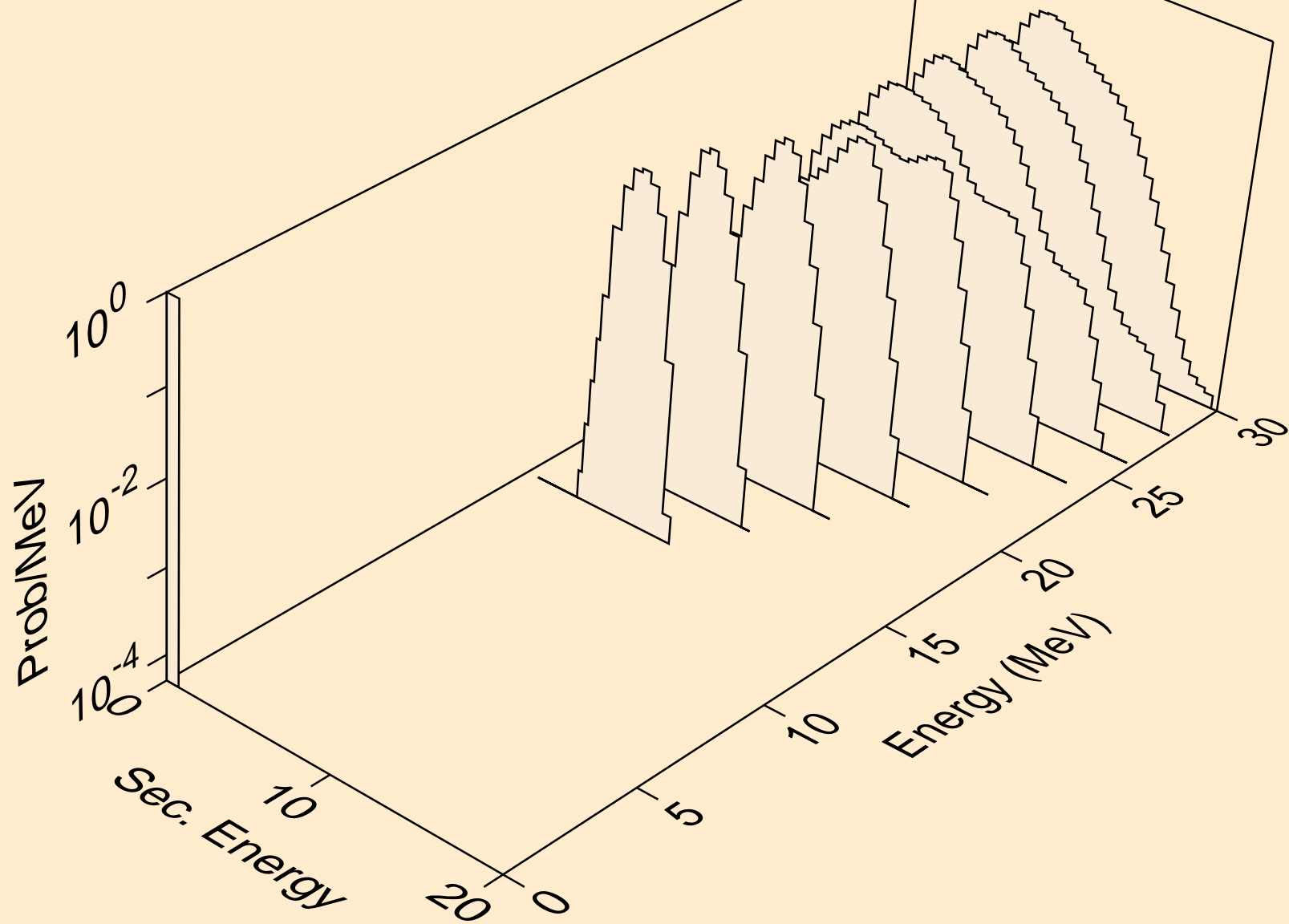
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protons from (n,3np)



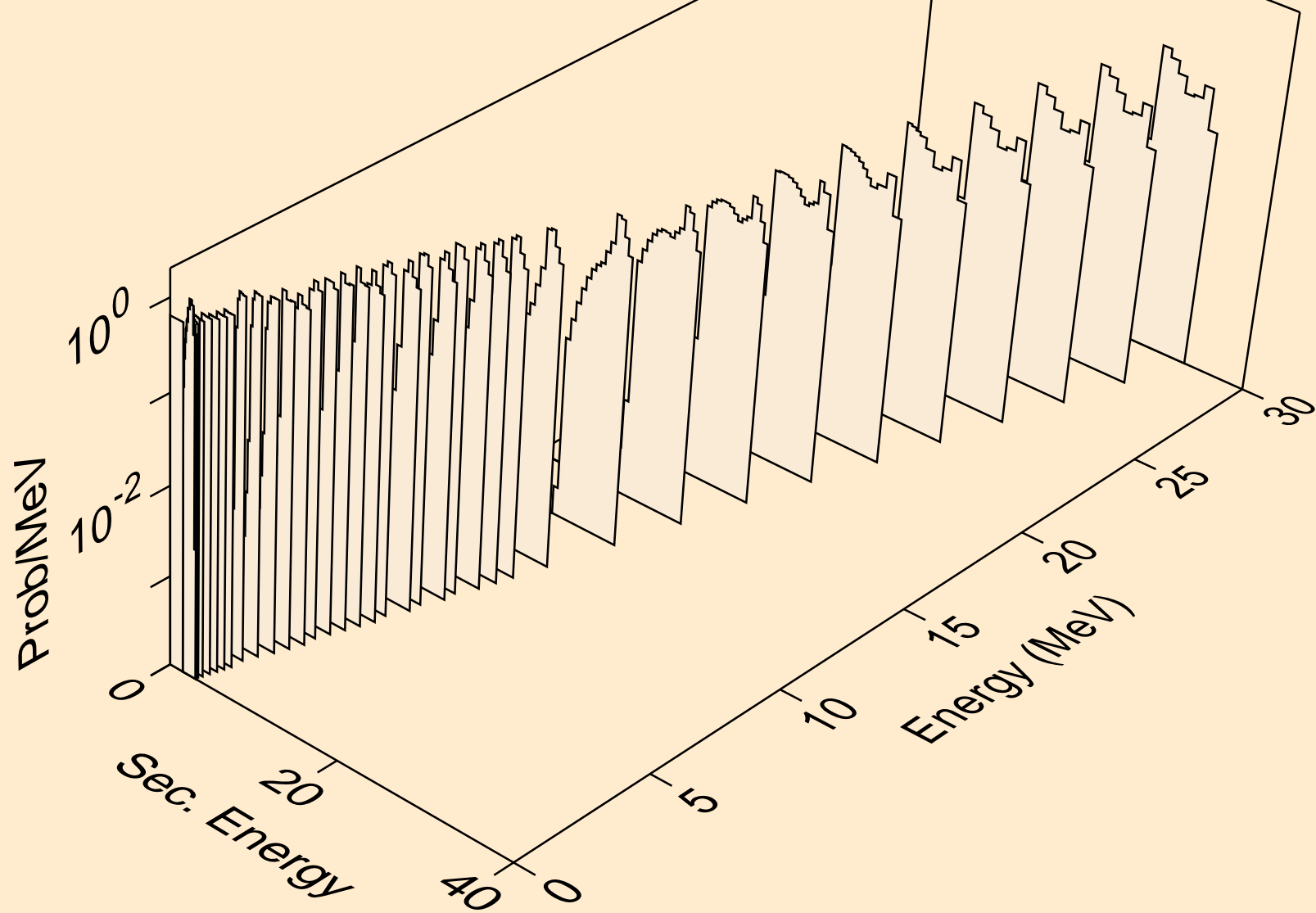
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

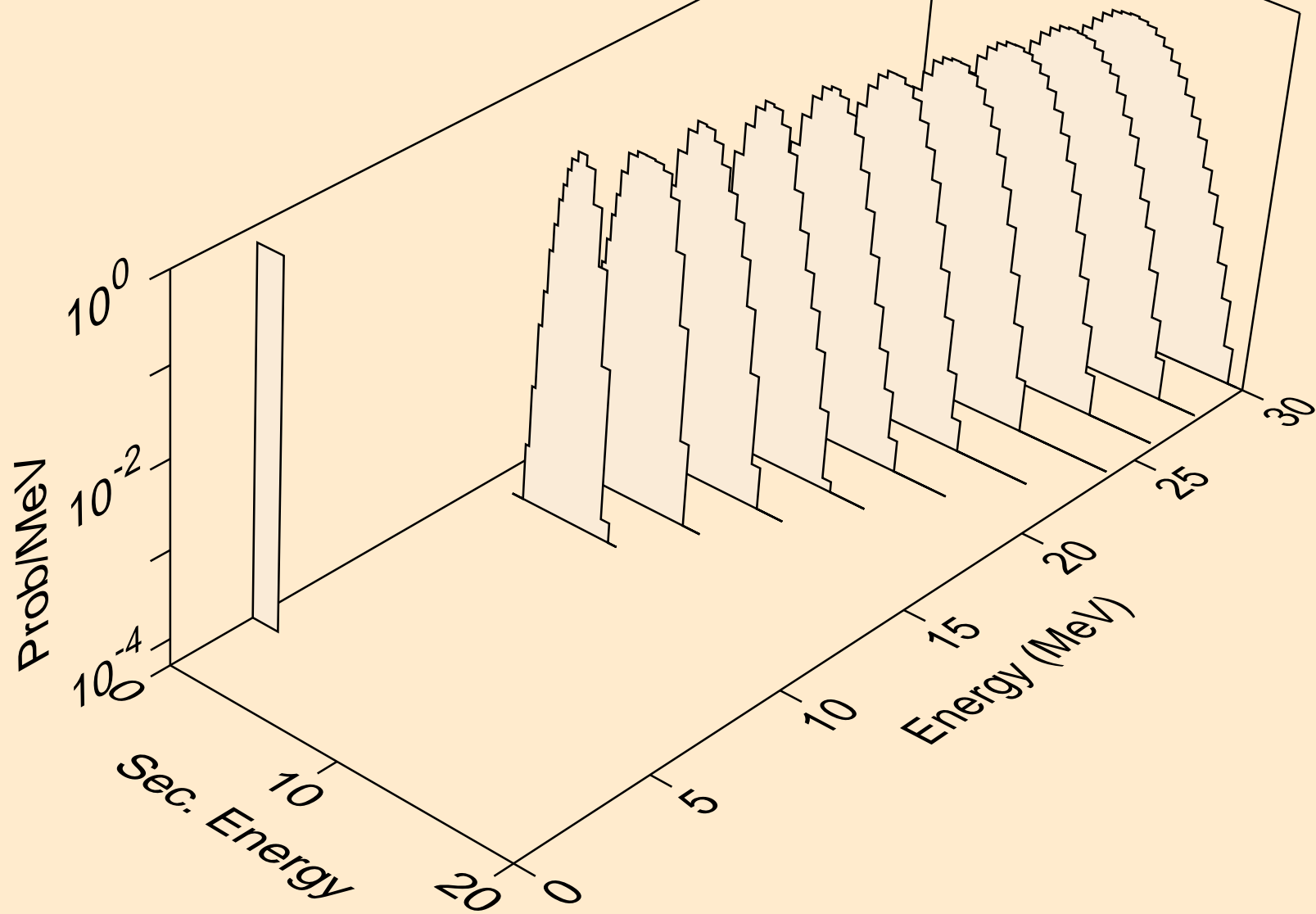


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protons from (n,p)

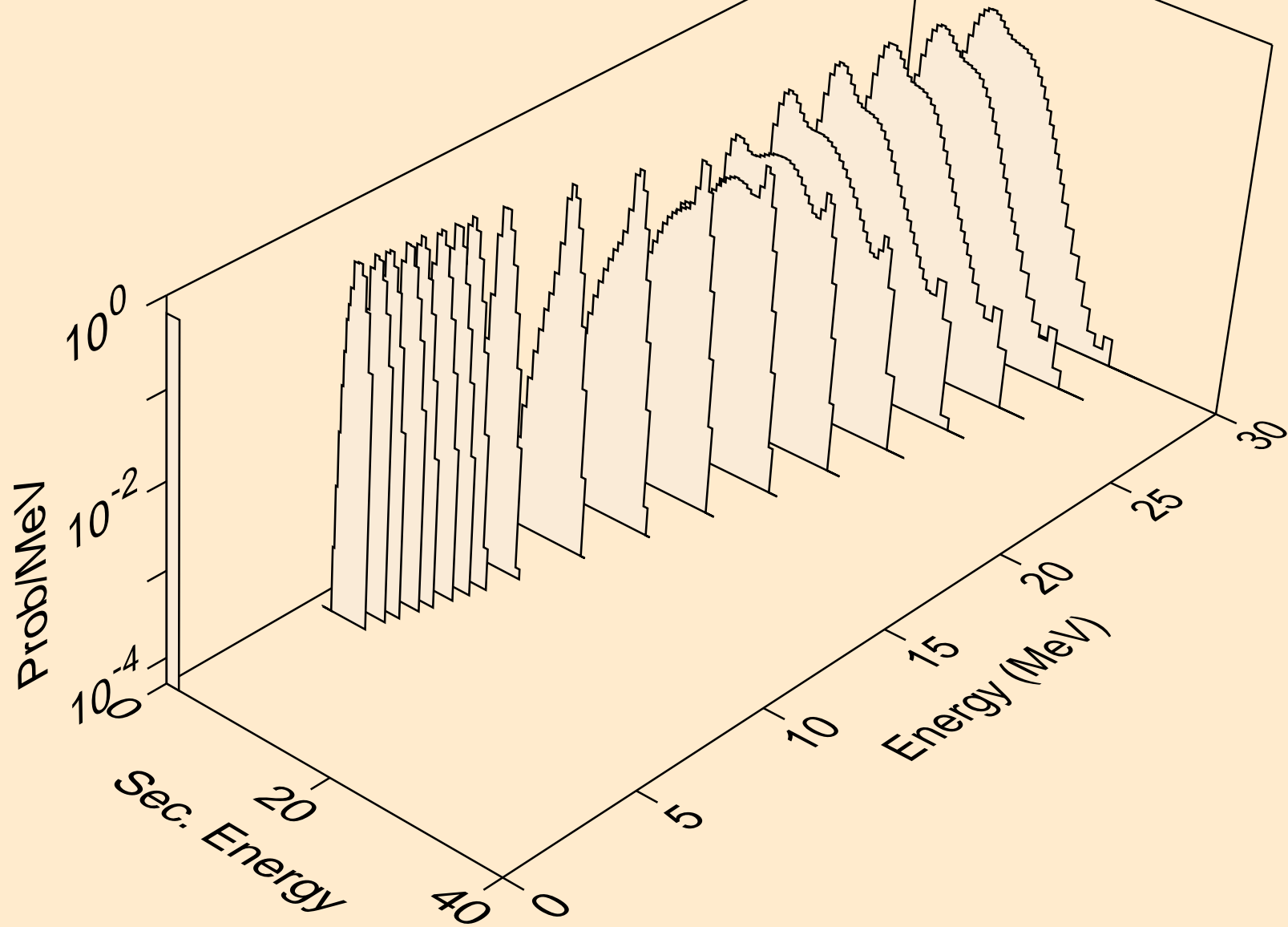




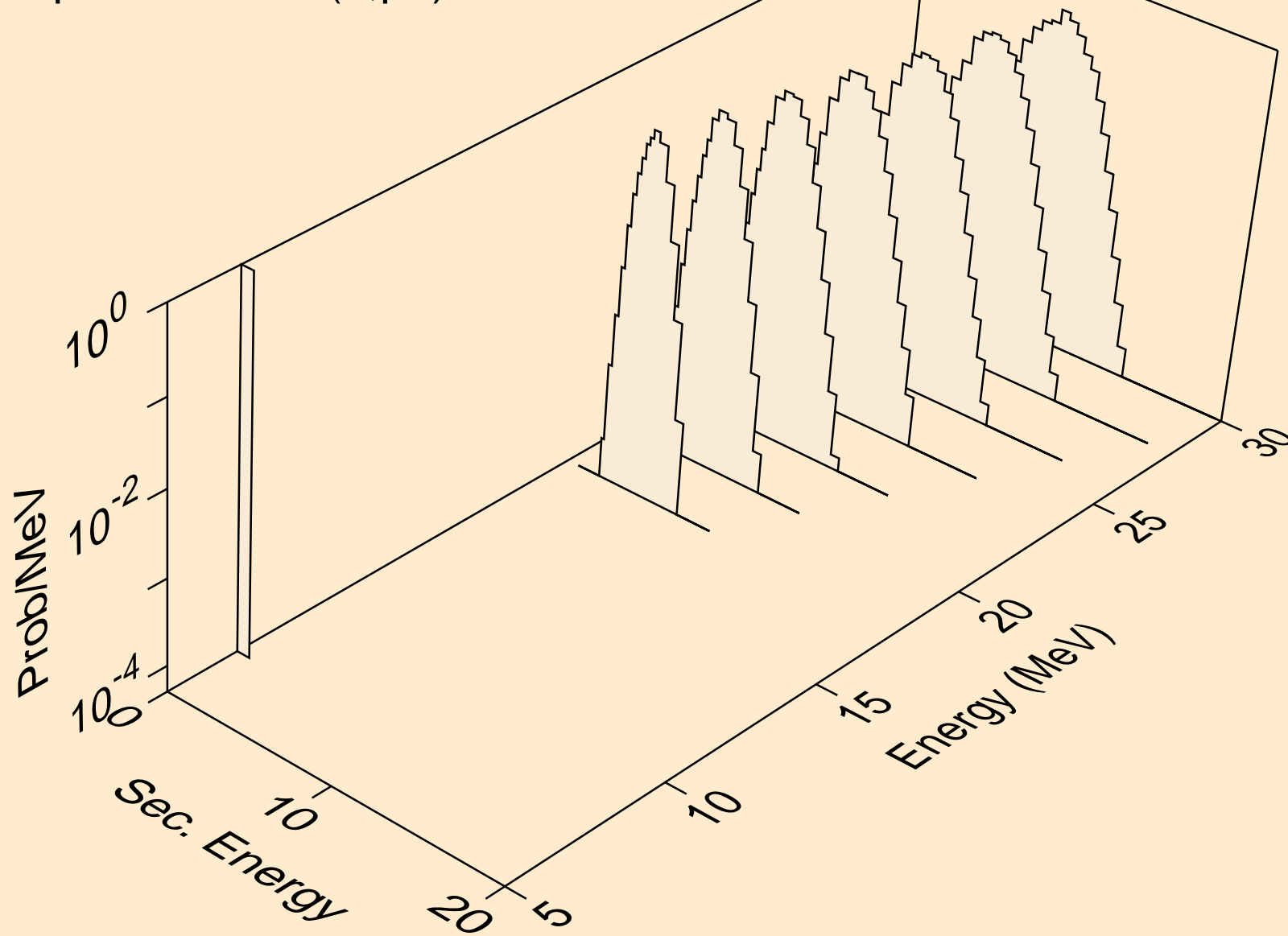
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protons from (n,2p)



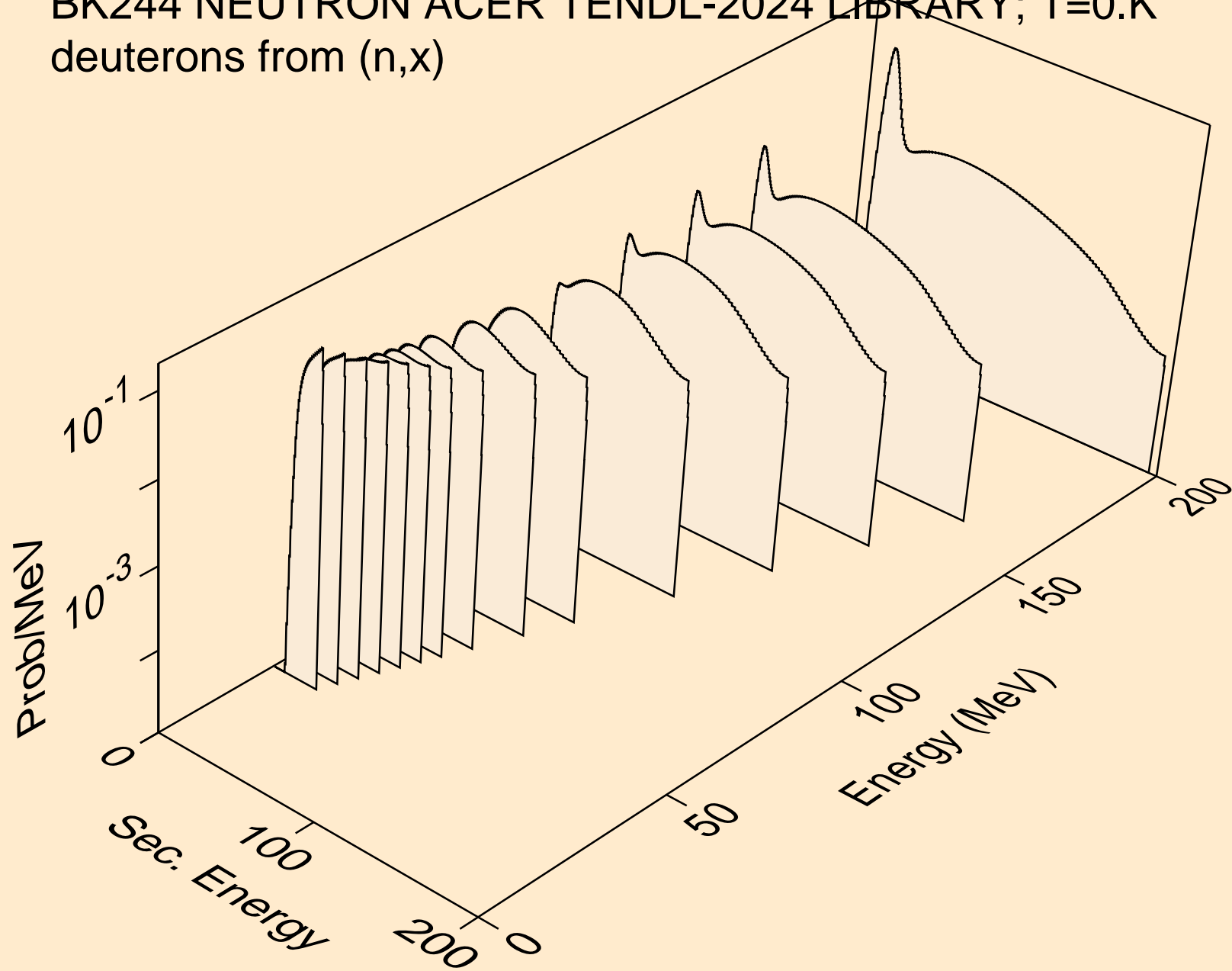
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protons from (n,p)



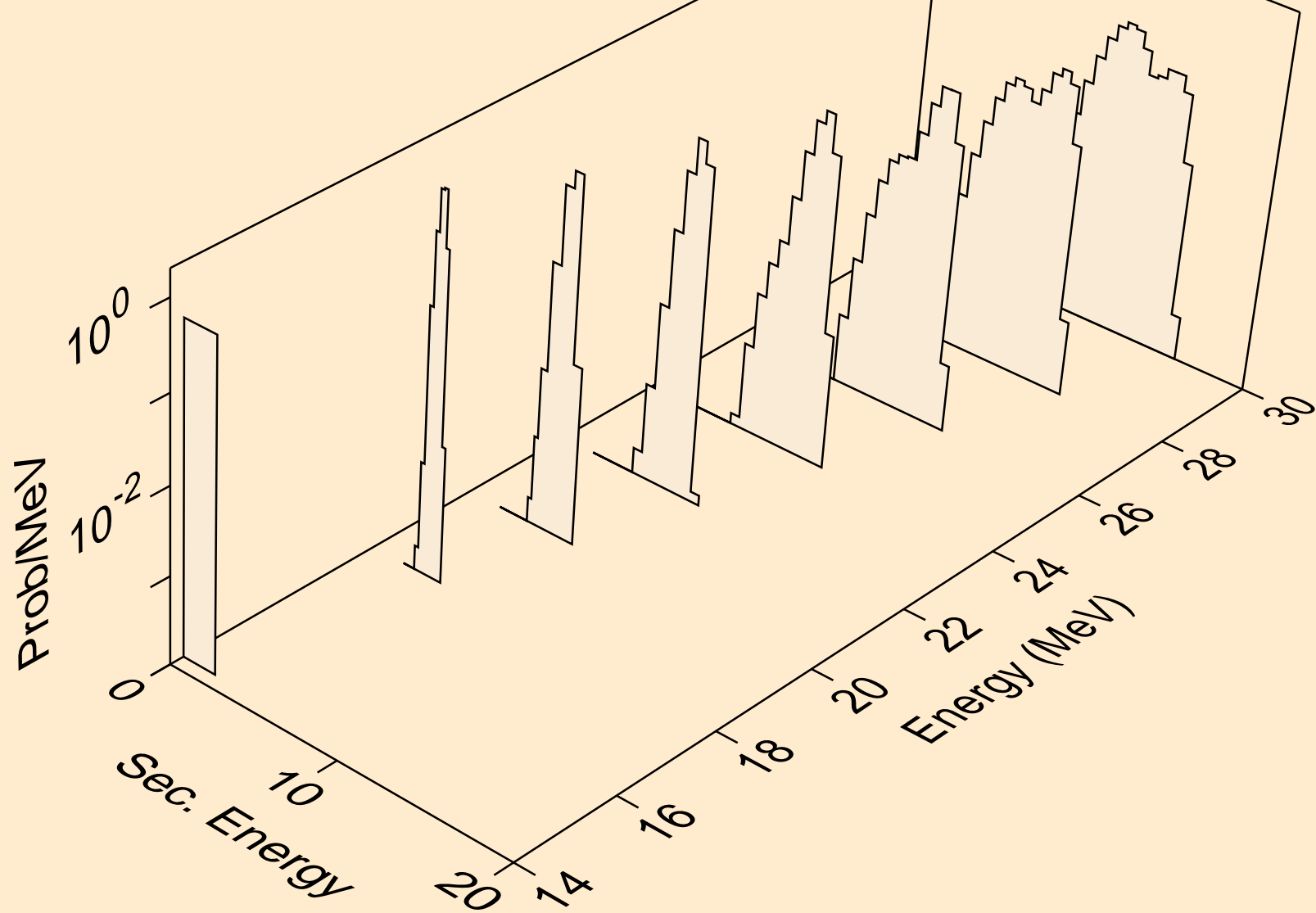
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



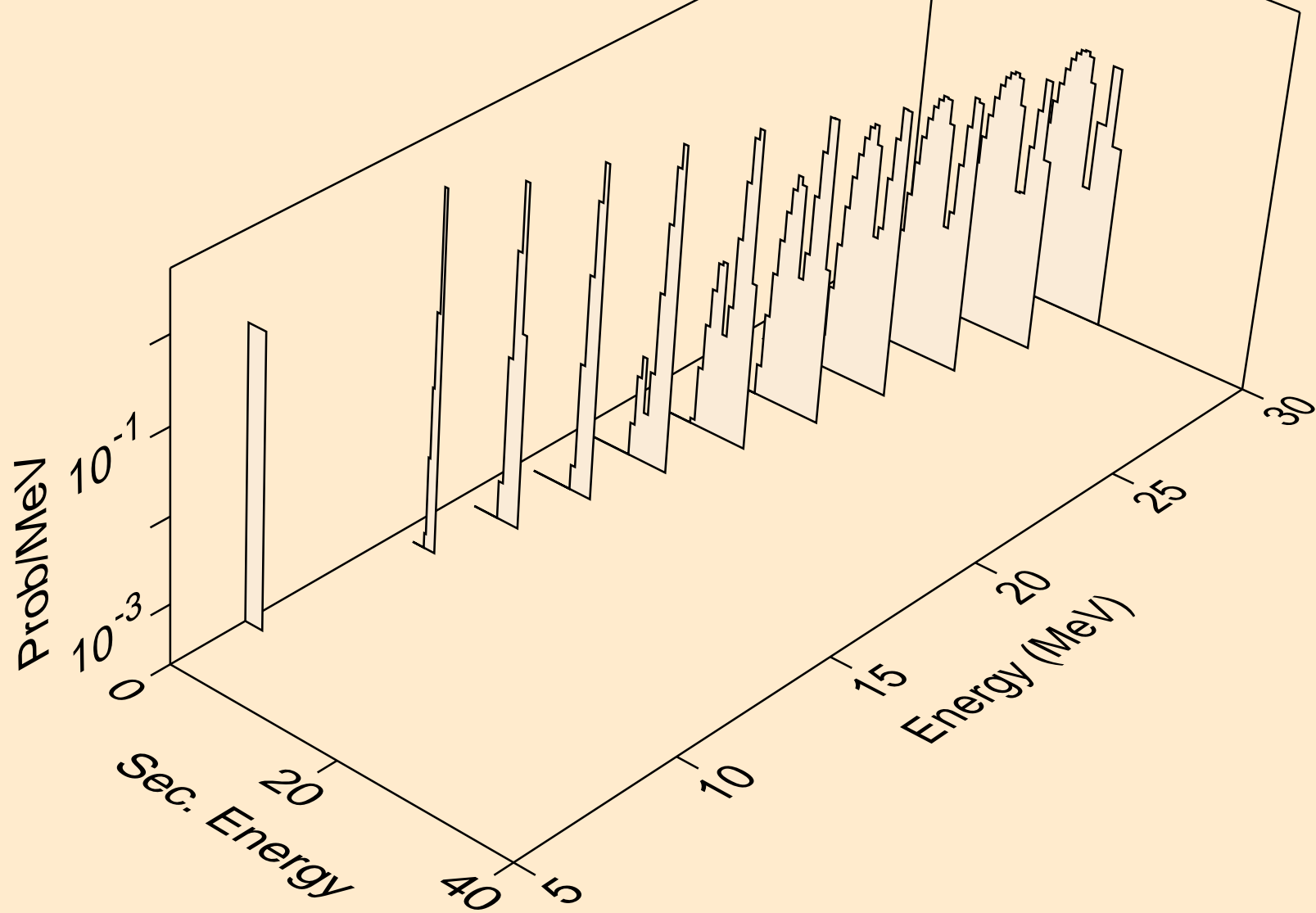
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



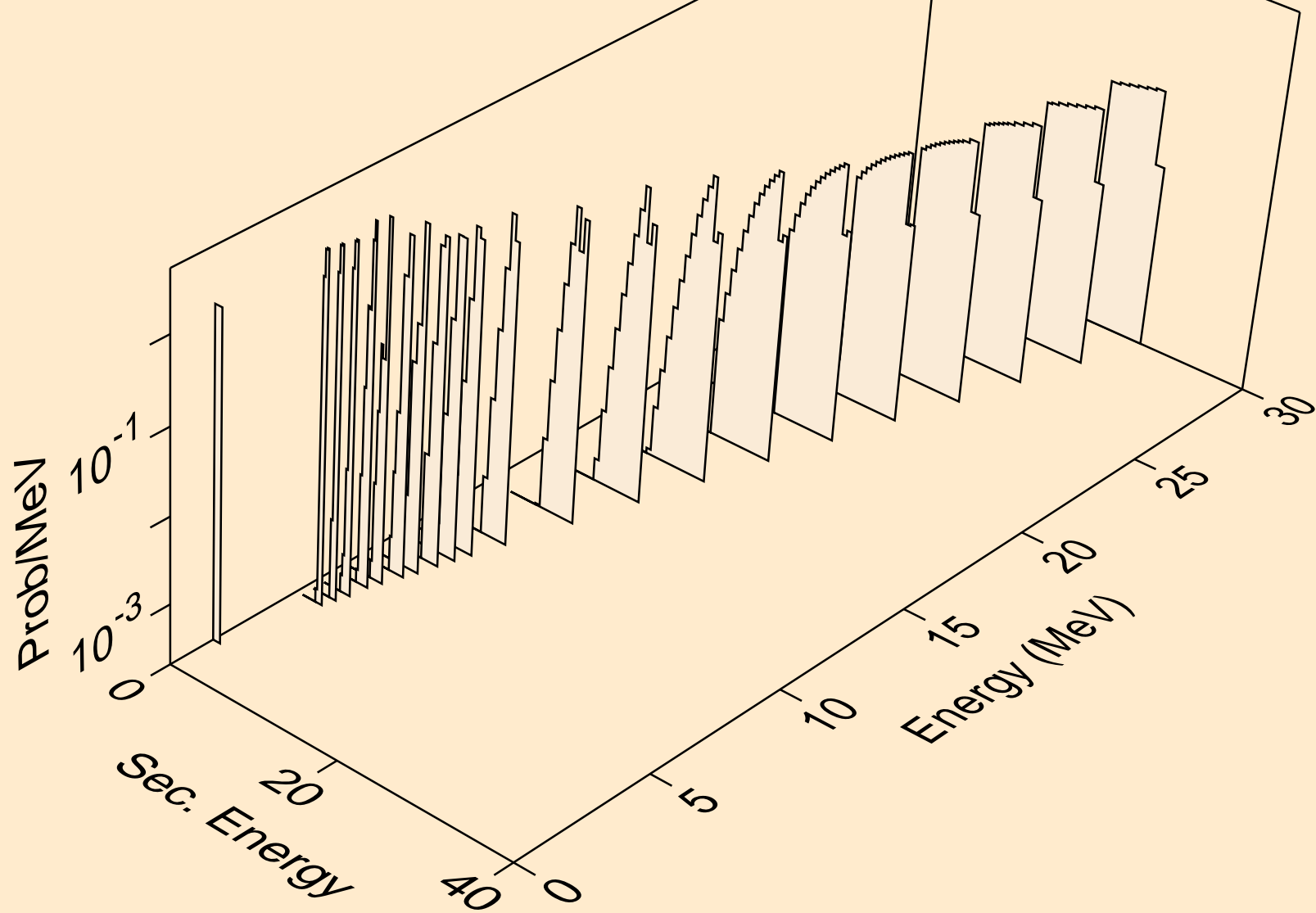
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deuterons from (n,2nd)



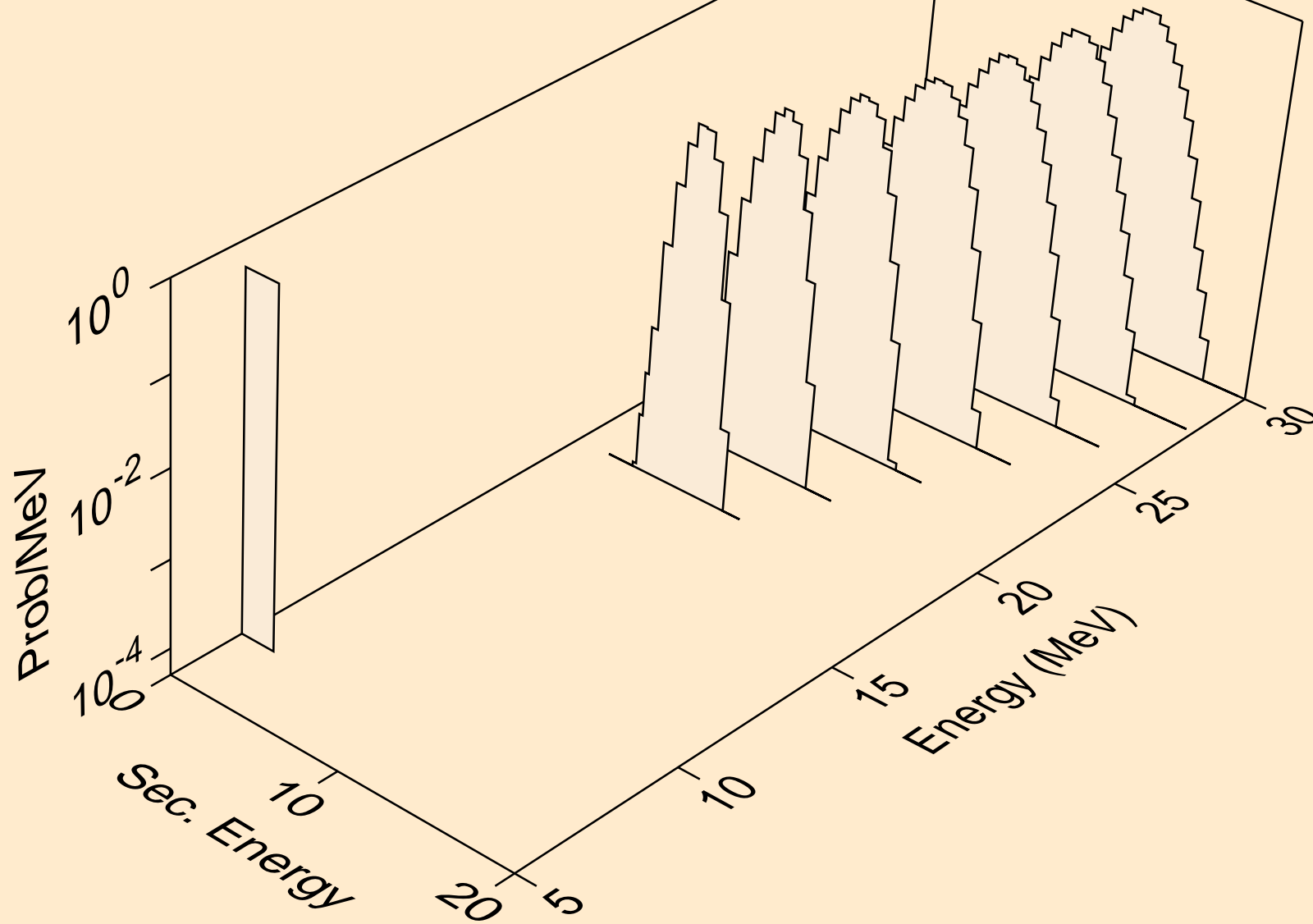
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

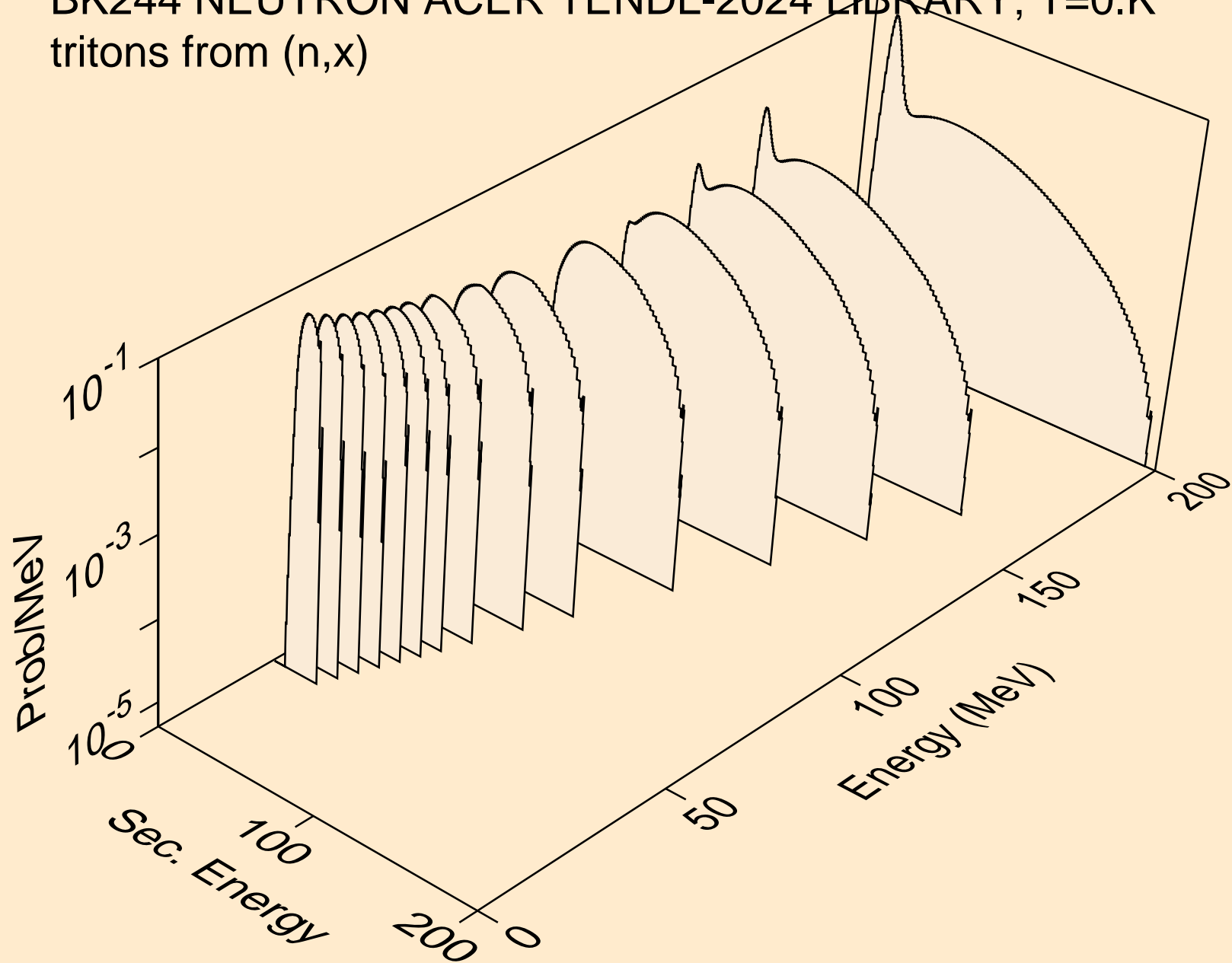


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

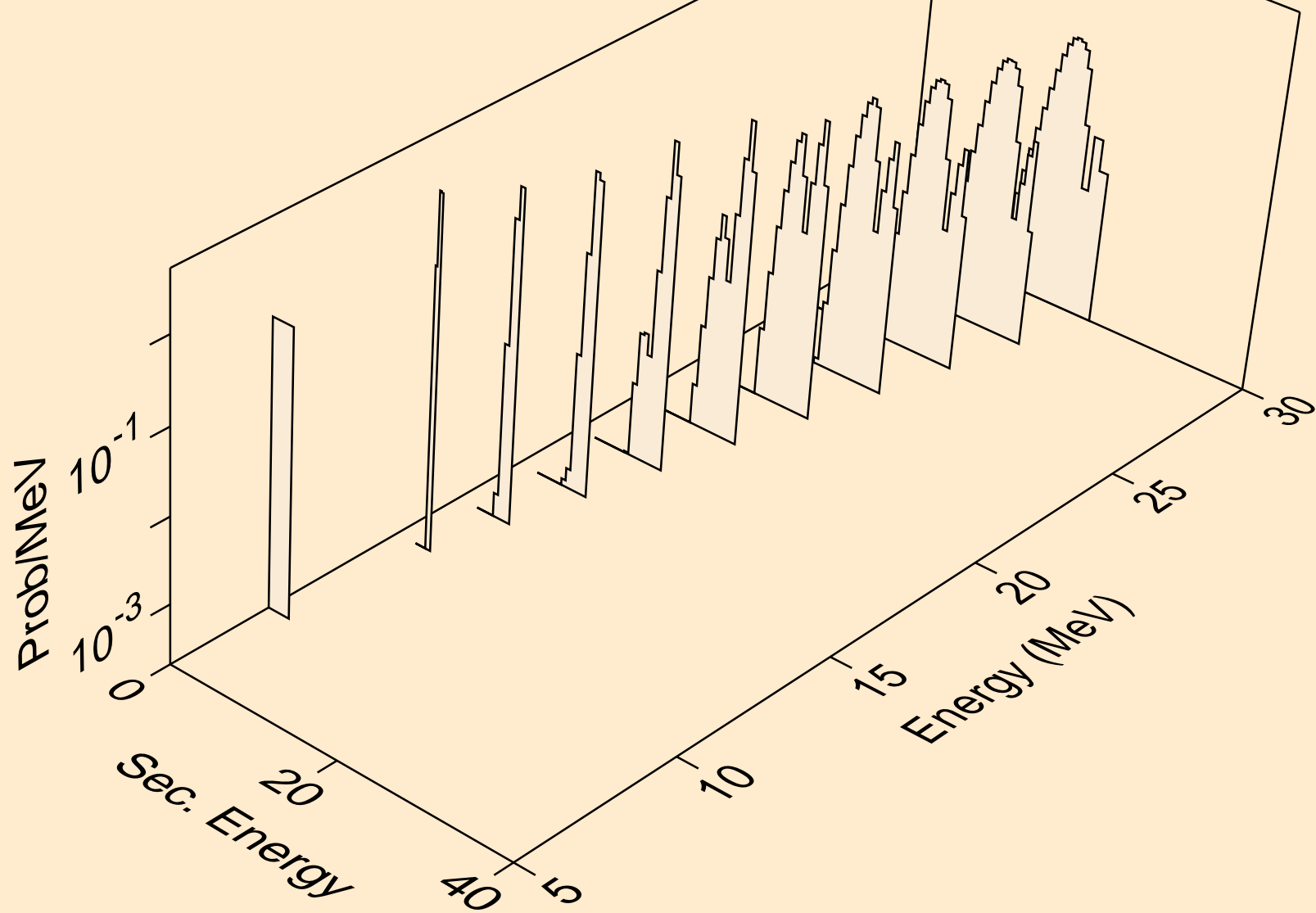




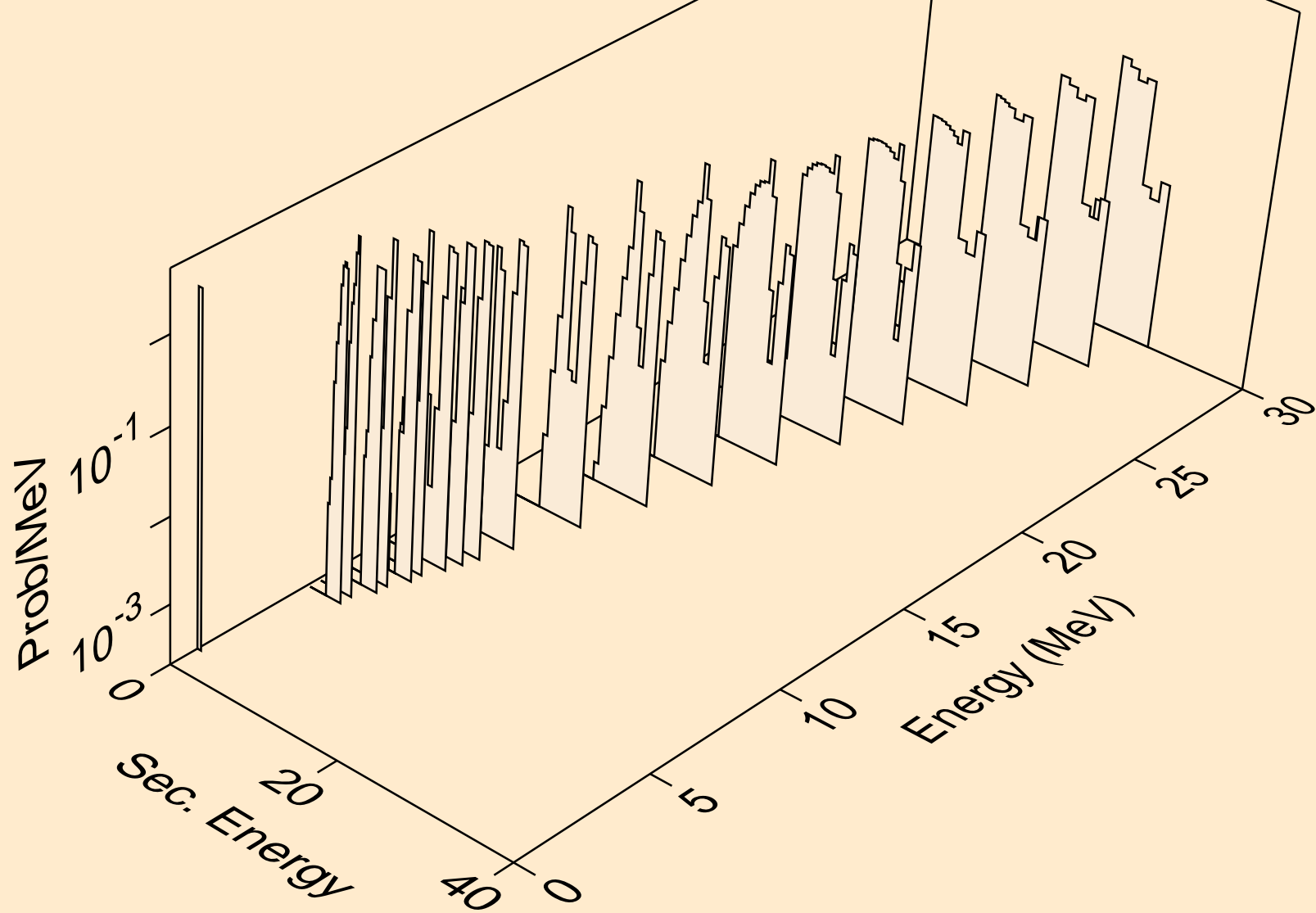
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



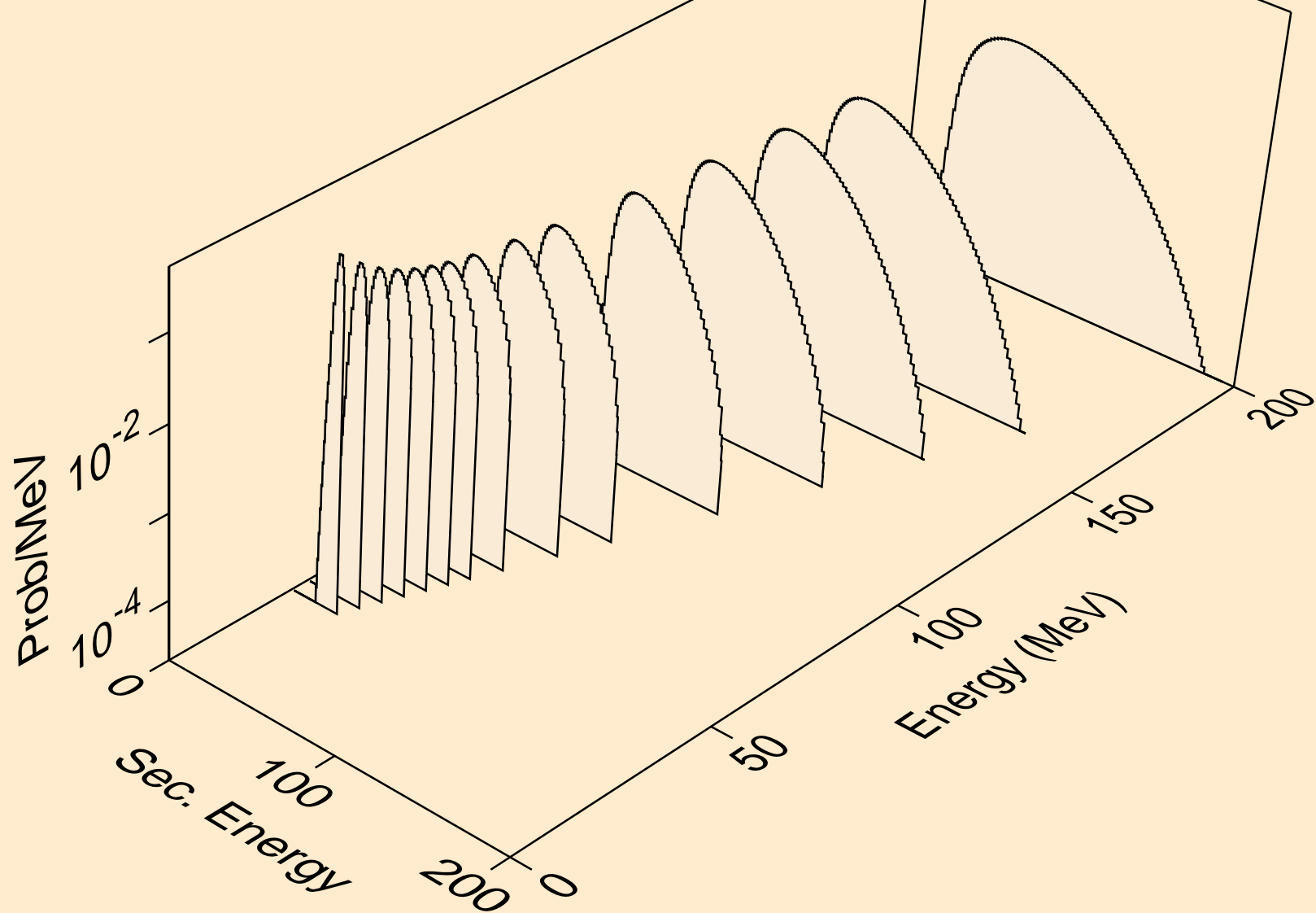
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



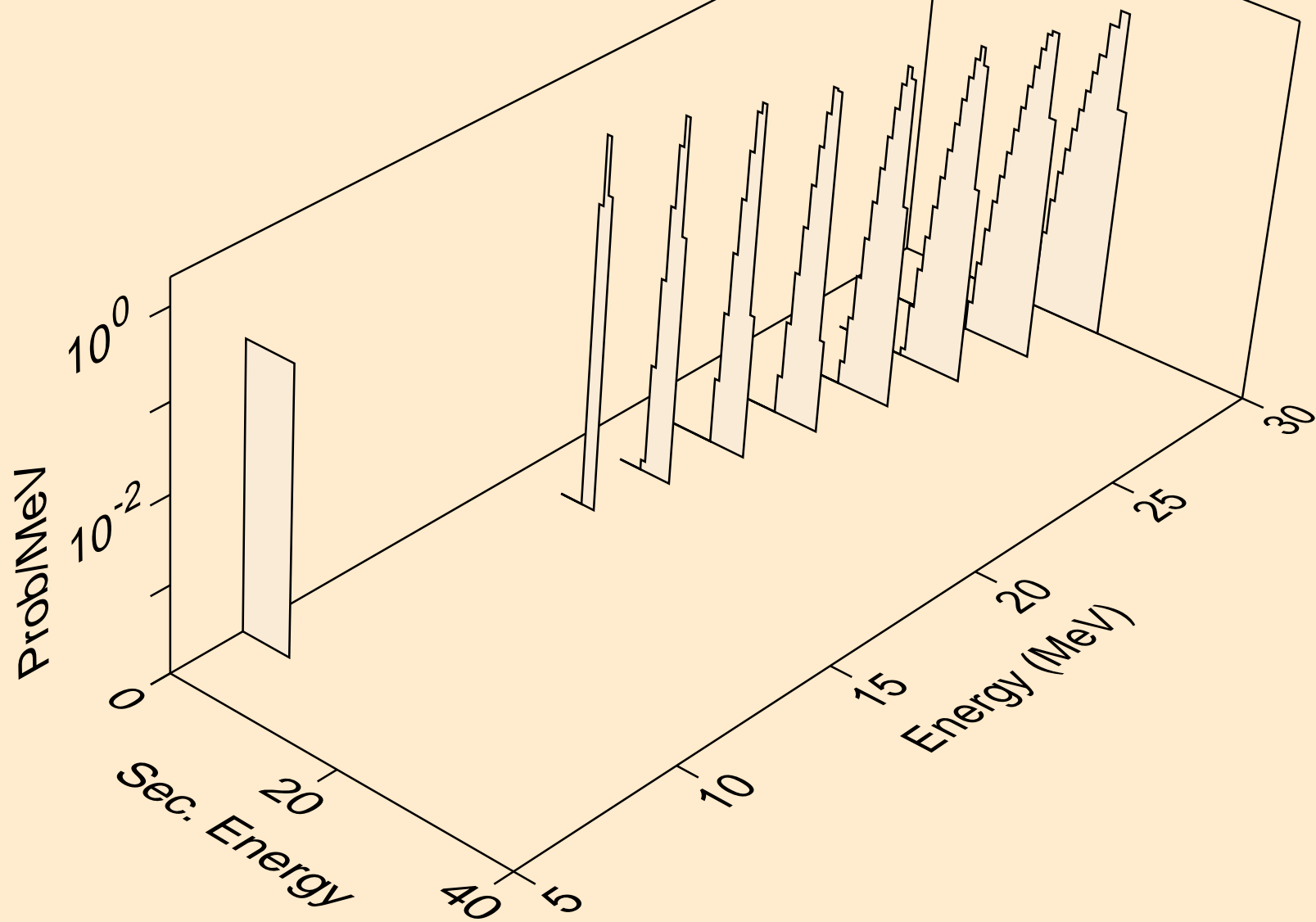
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tritons from (n,t)



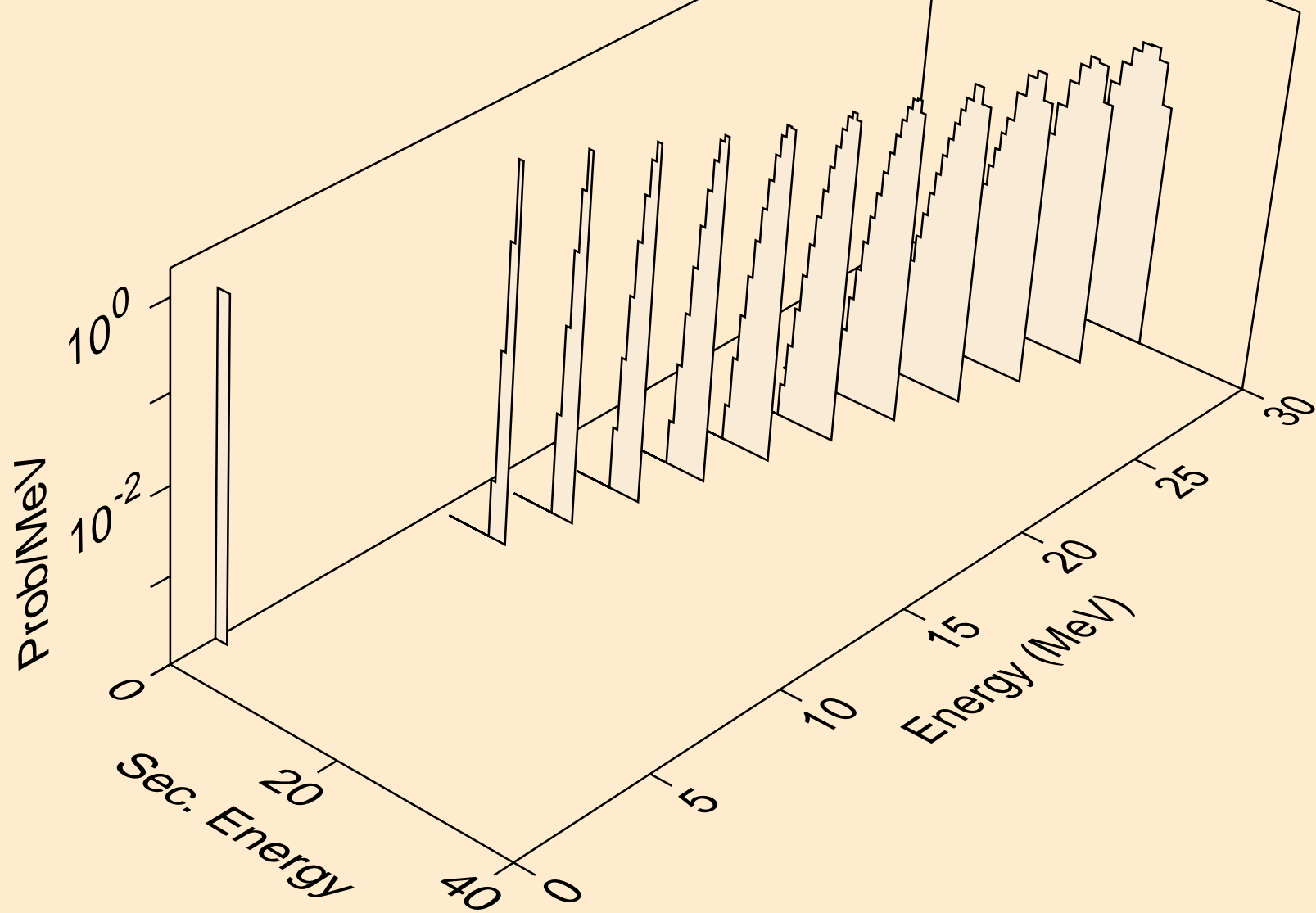
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



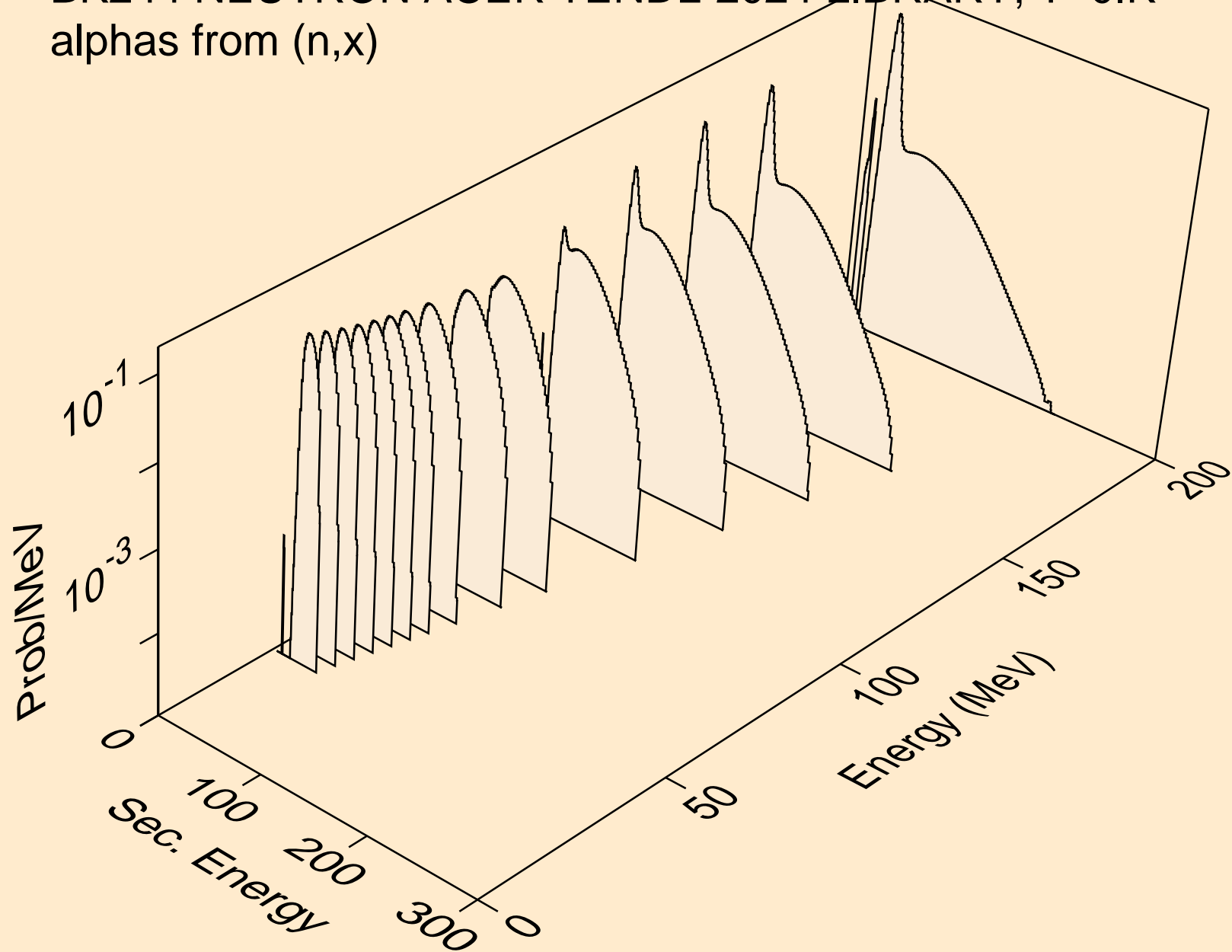
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he3s from (n,n\*)he3



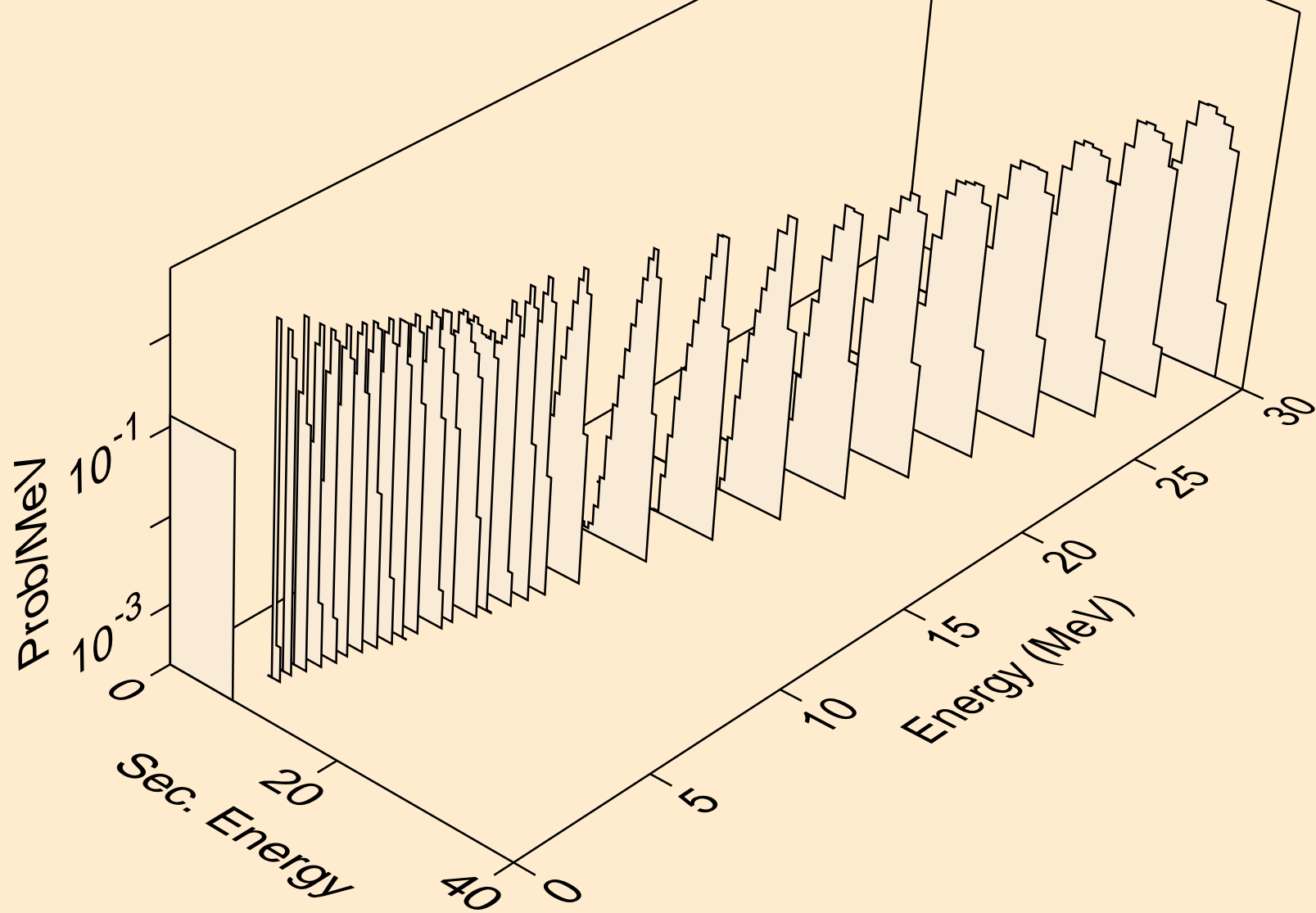
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

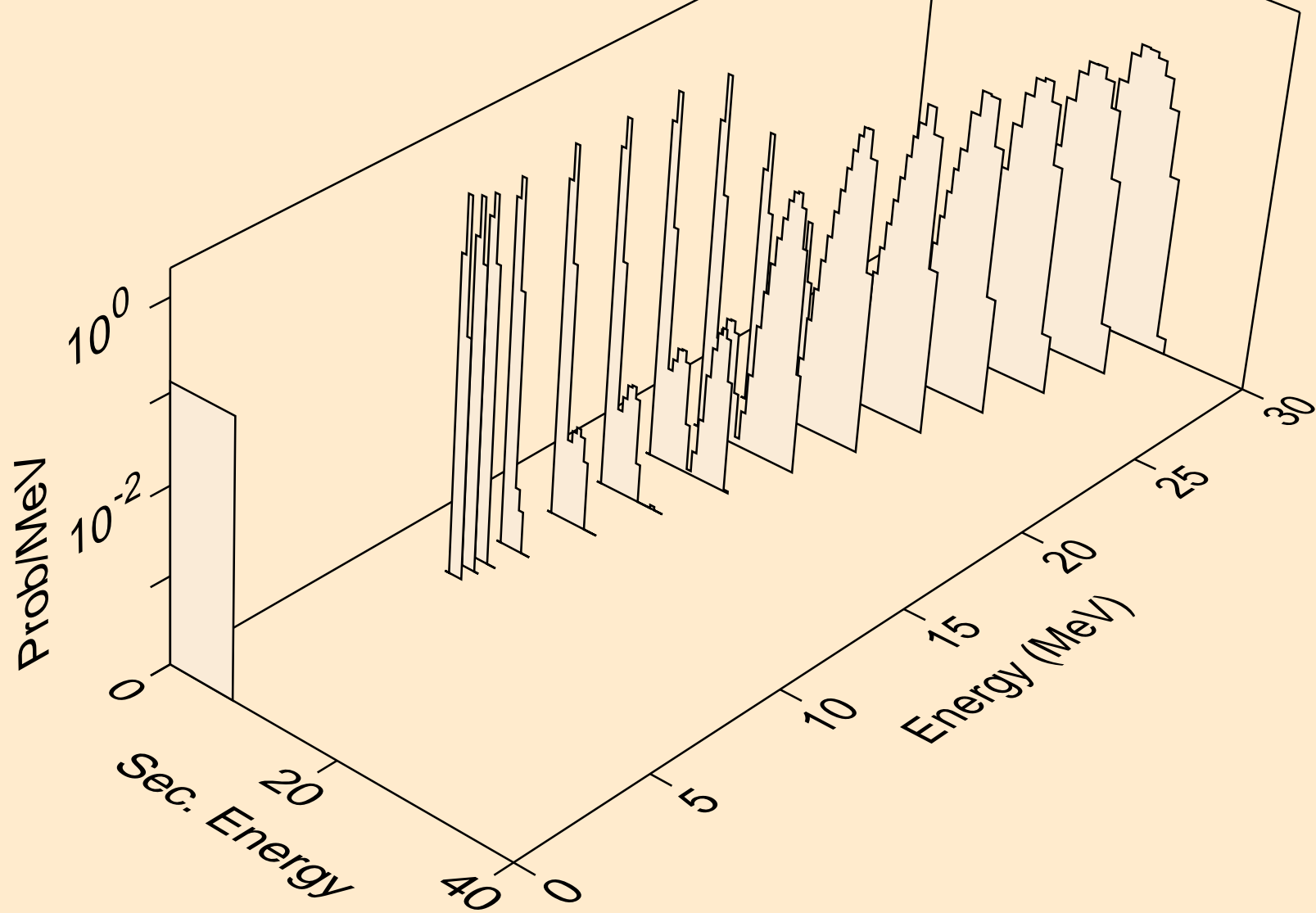


BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

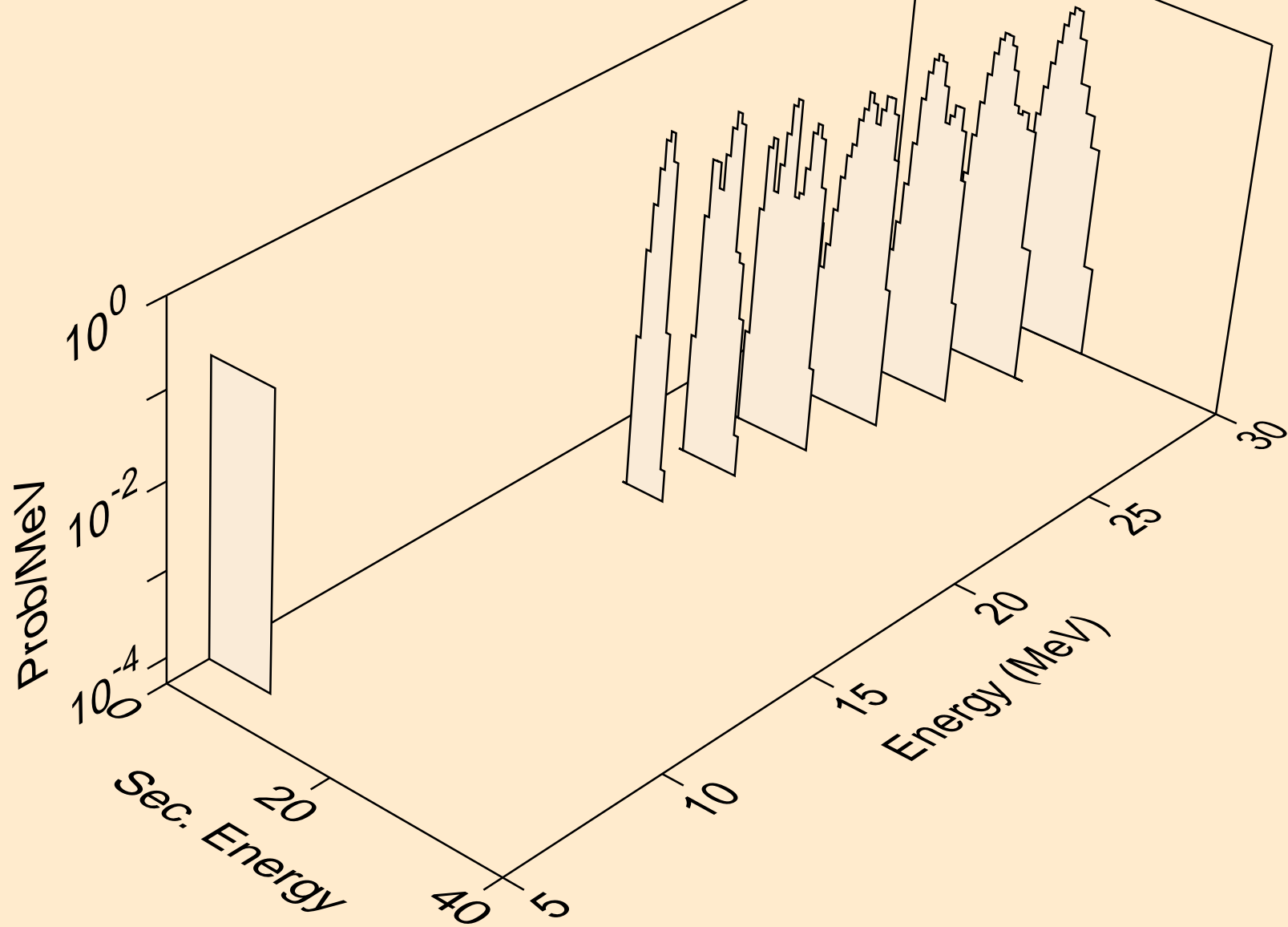




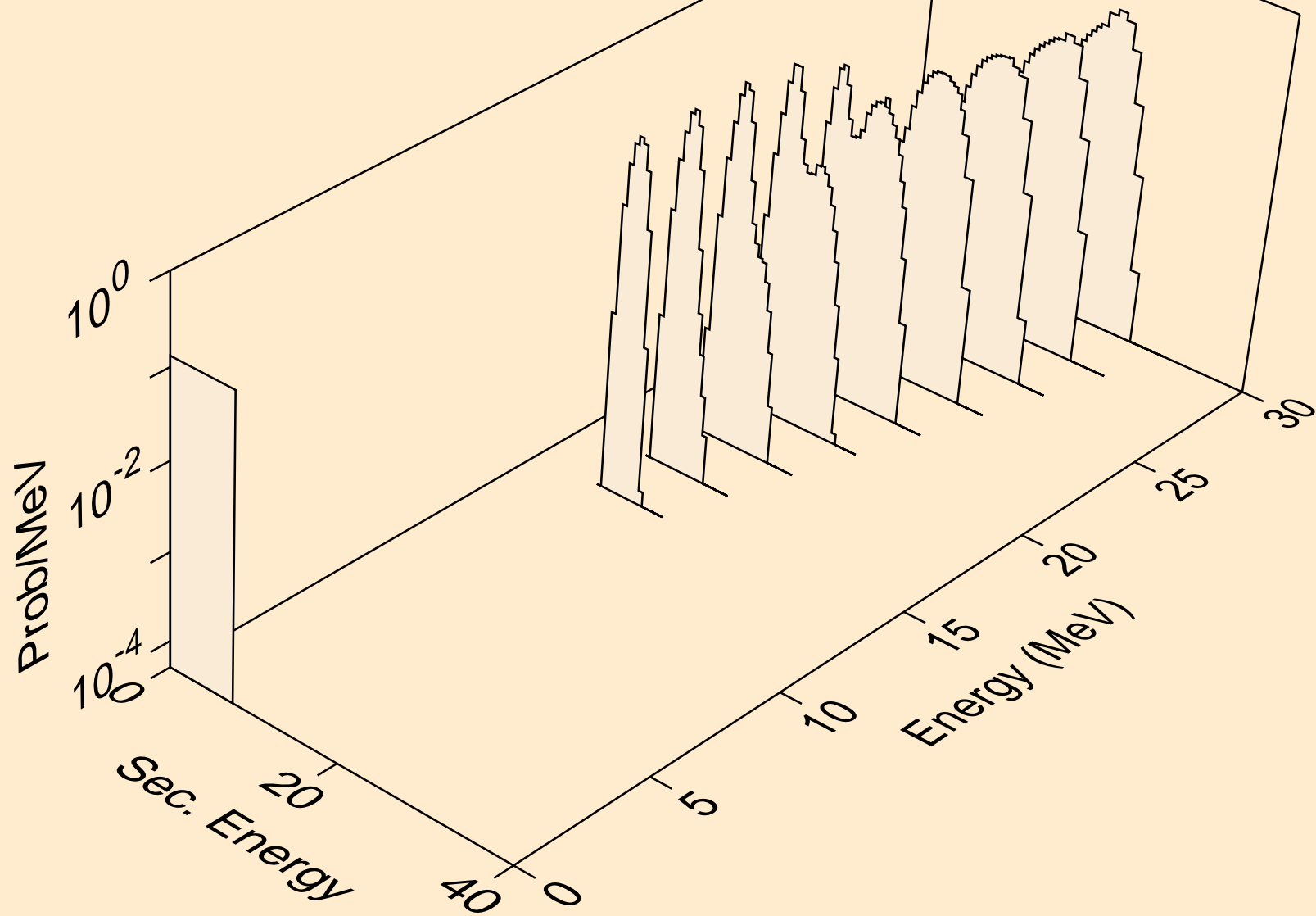
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



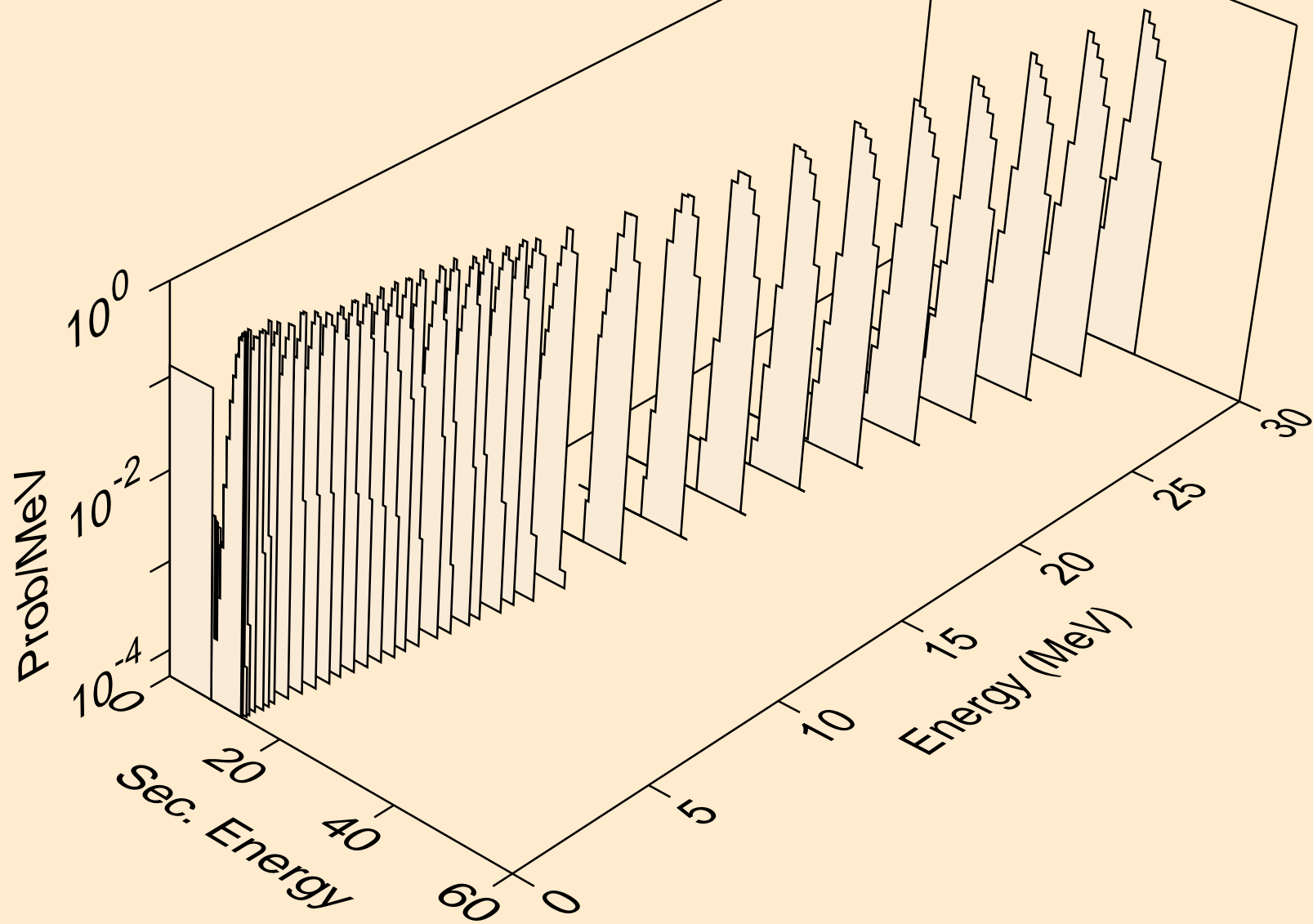
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



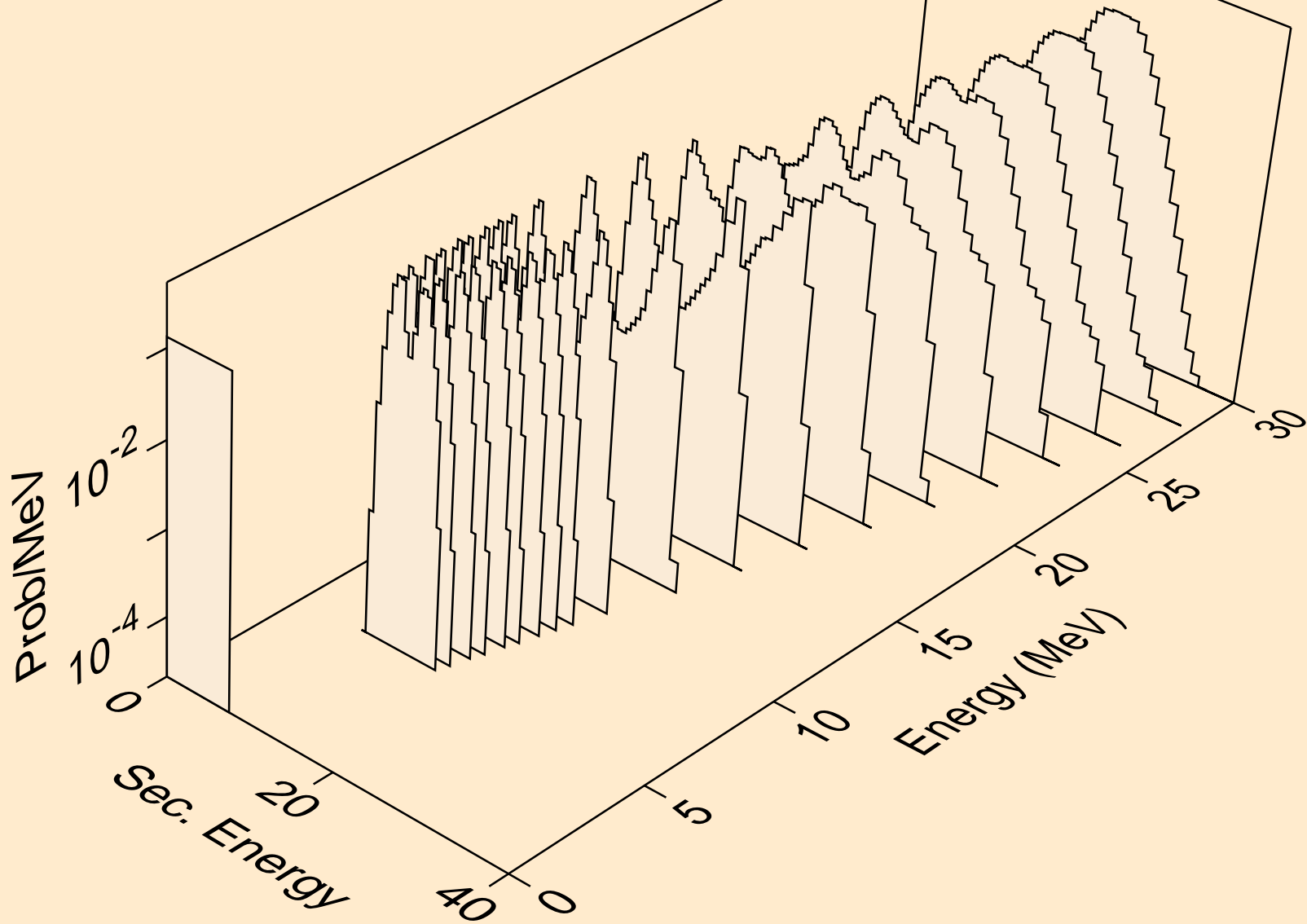
BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



BK244 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

