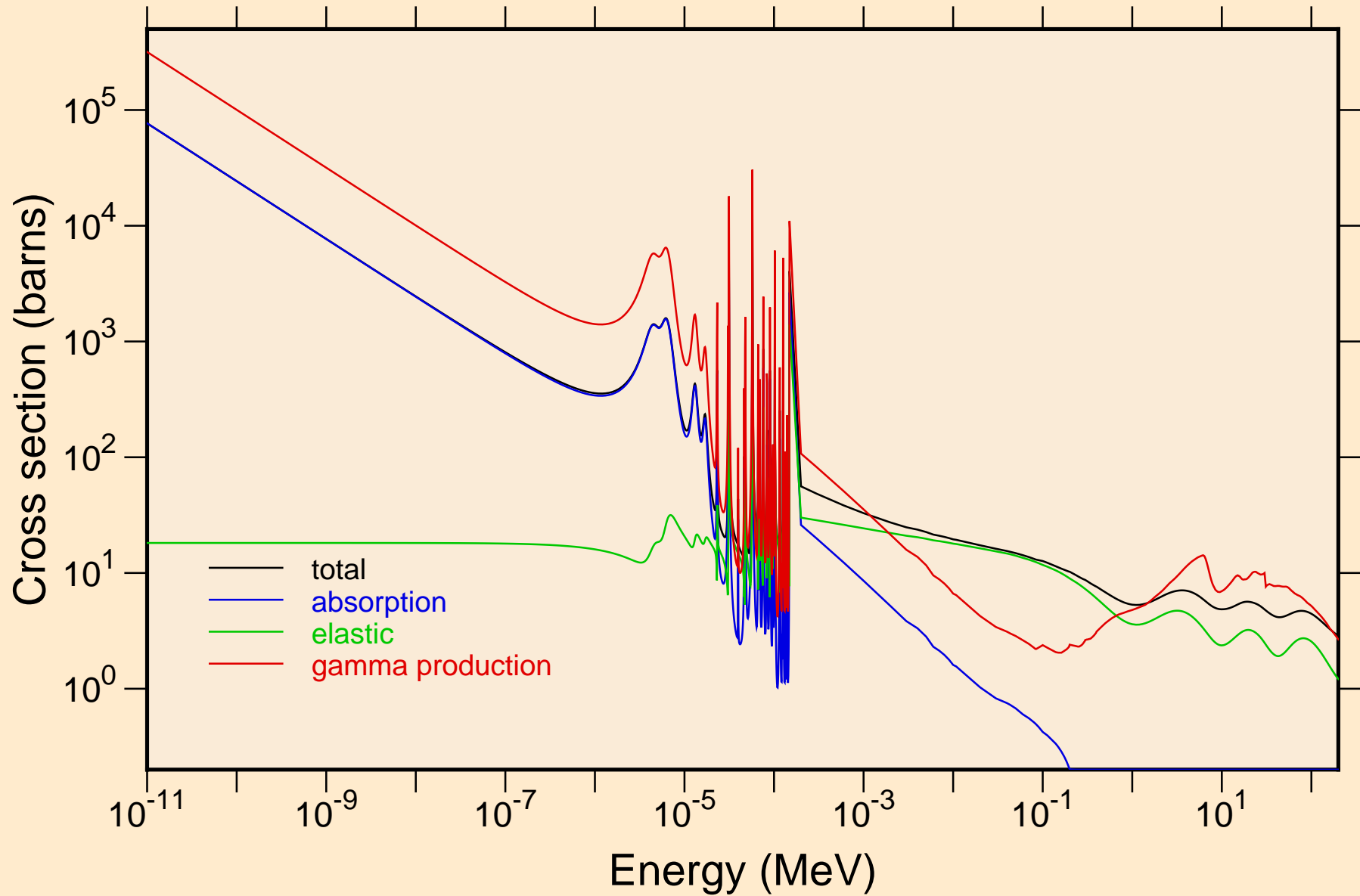
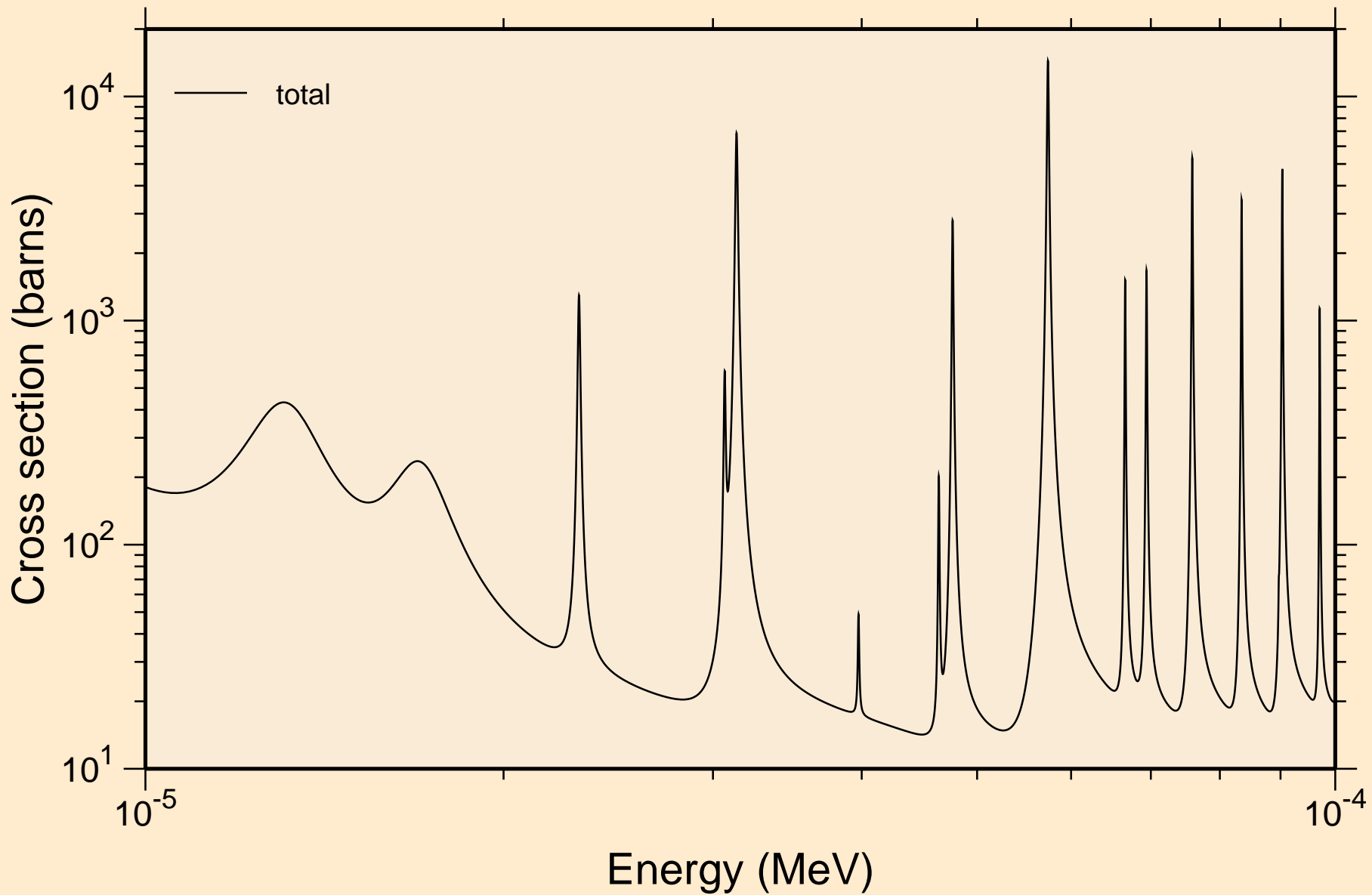


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

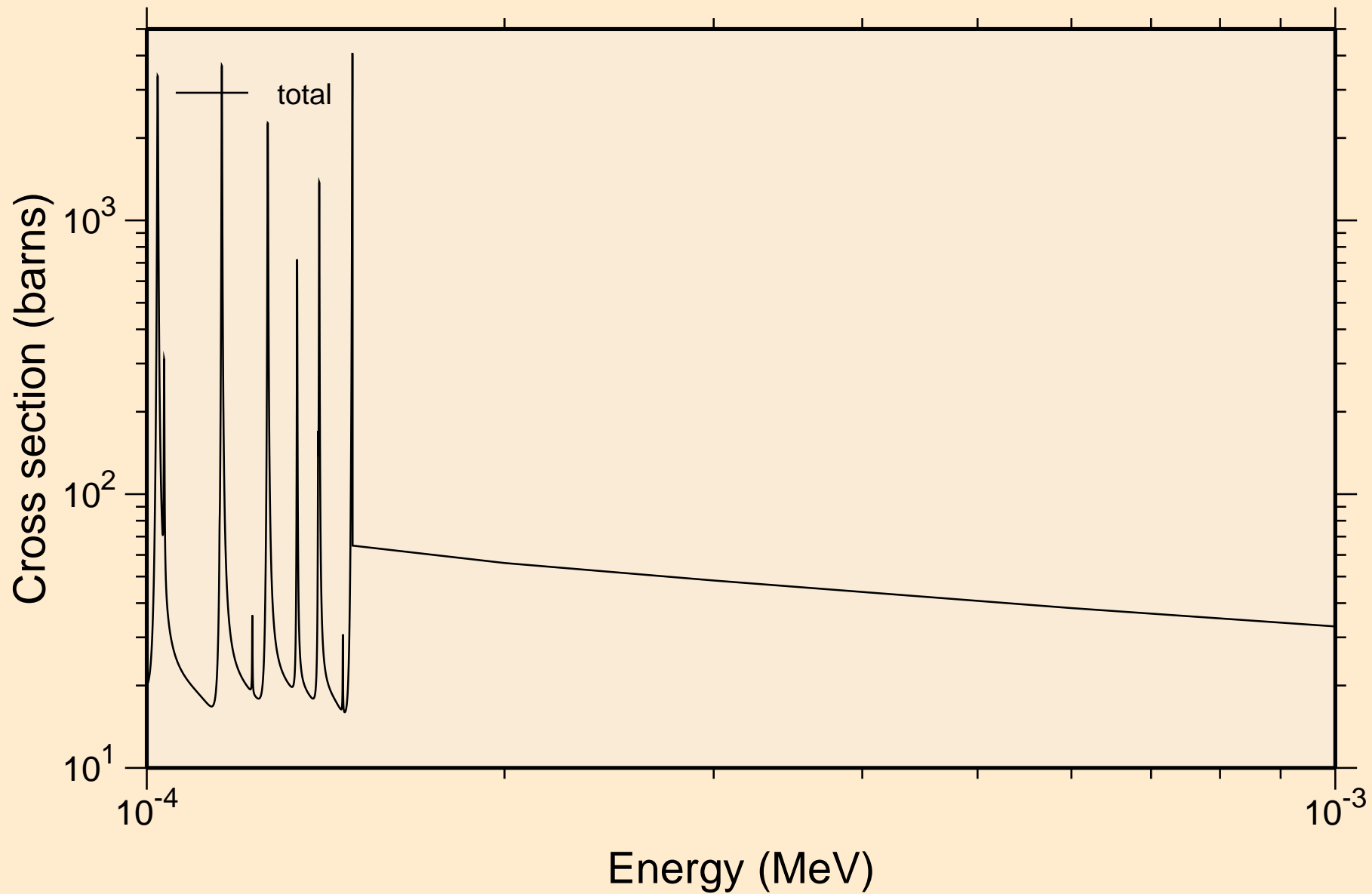
## Principal cross sections



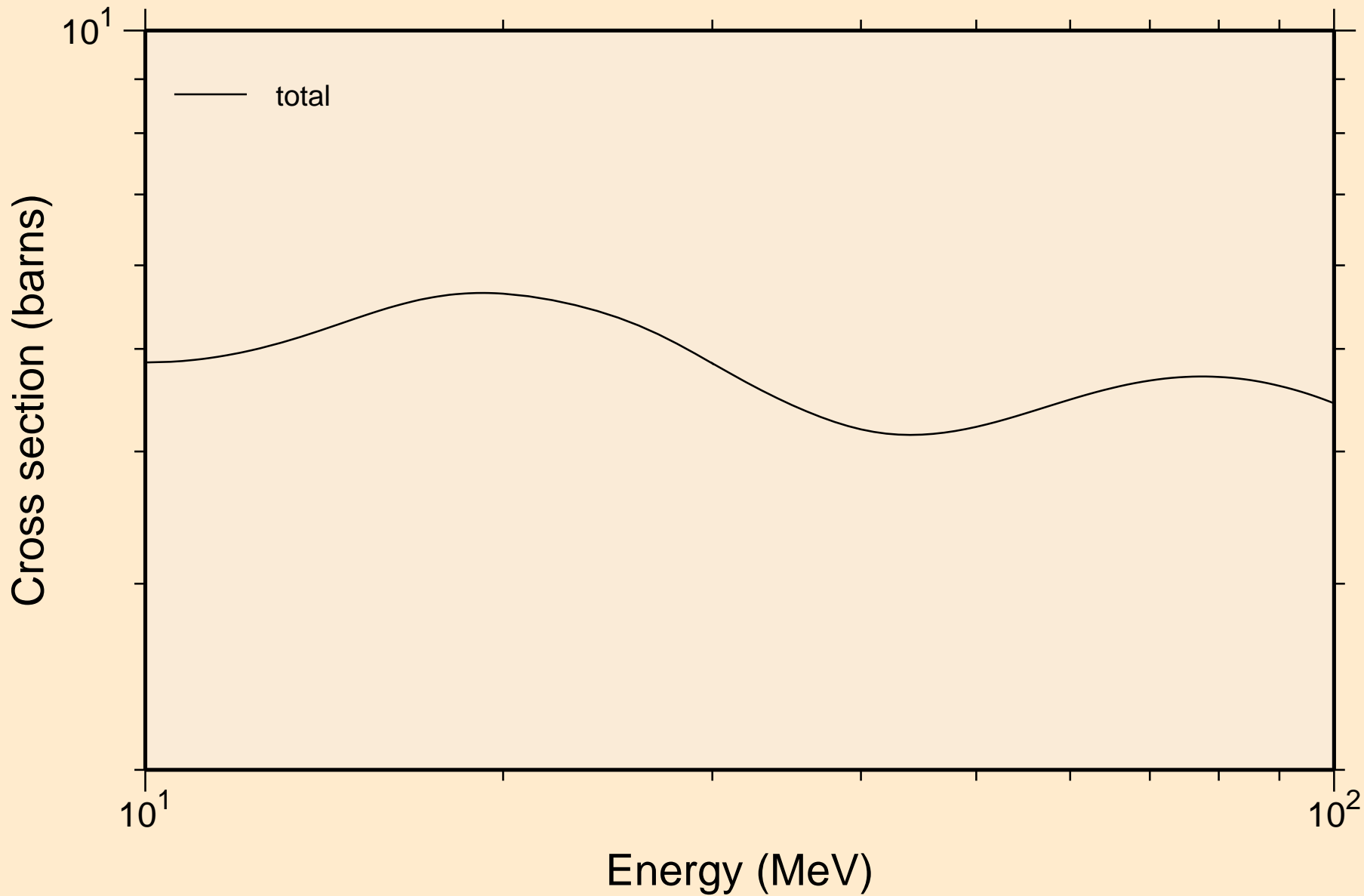
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



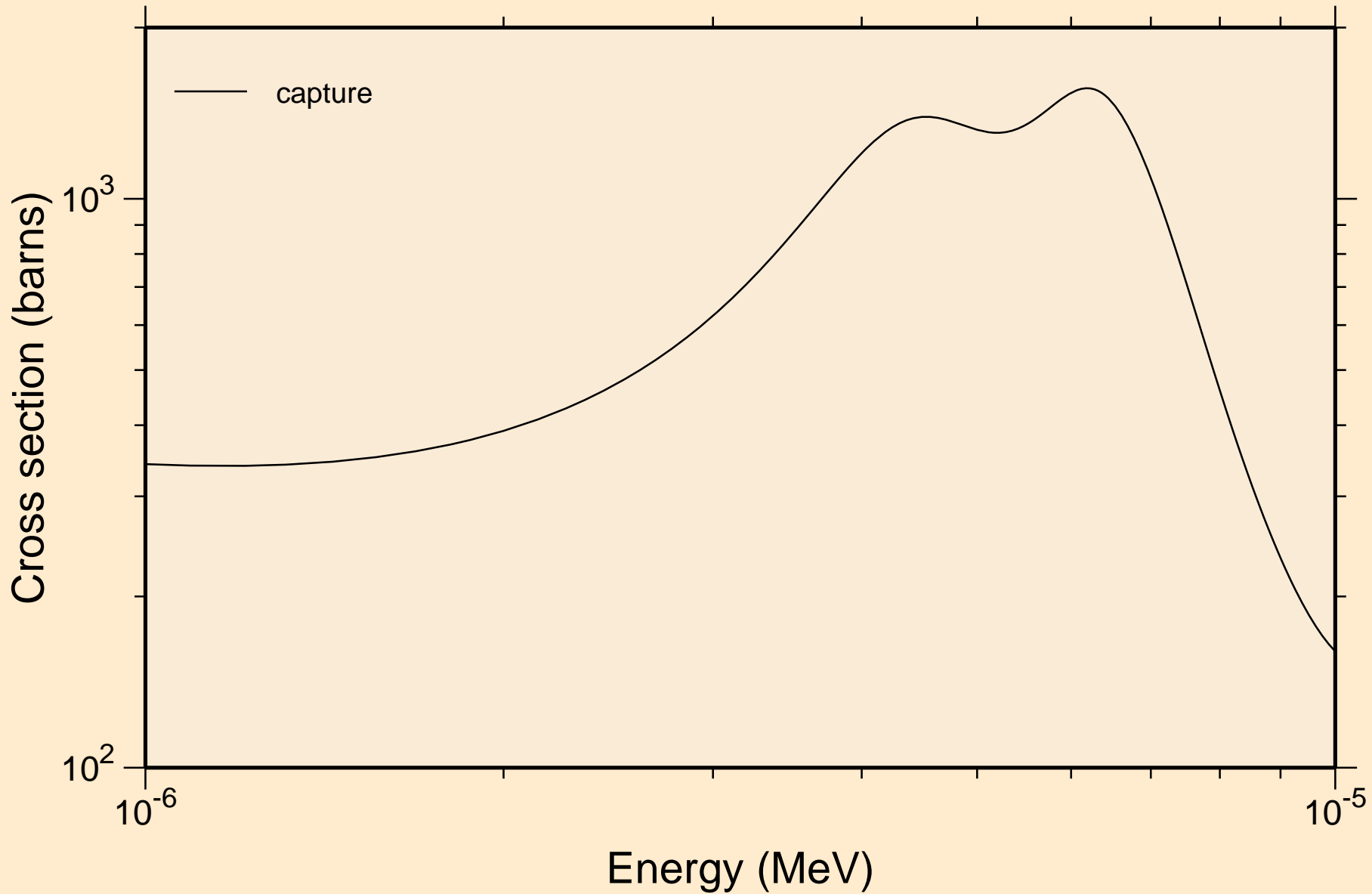
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



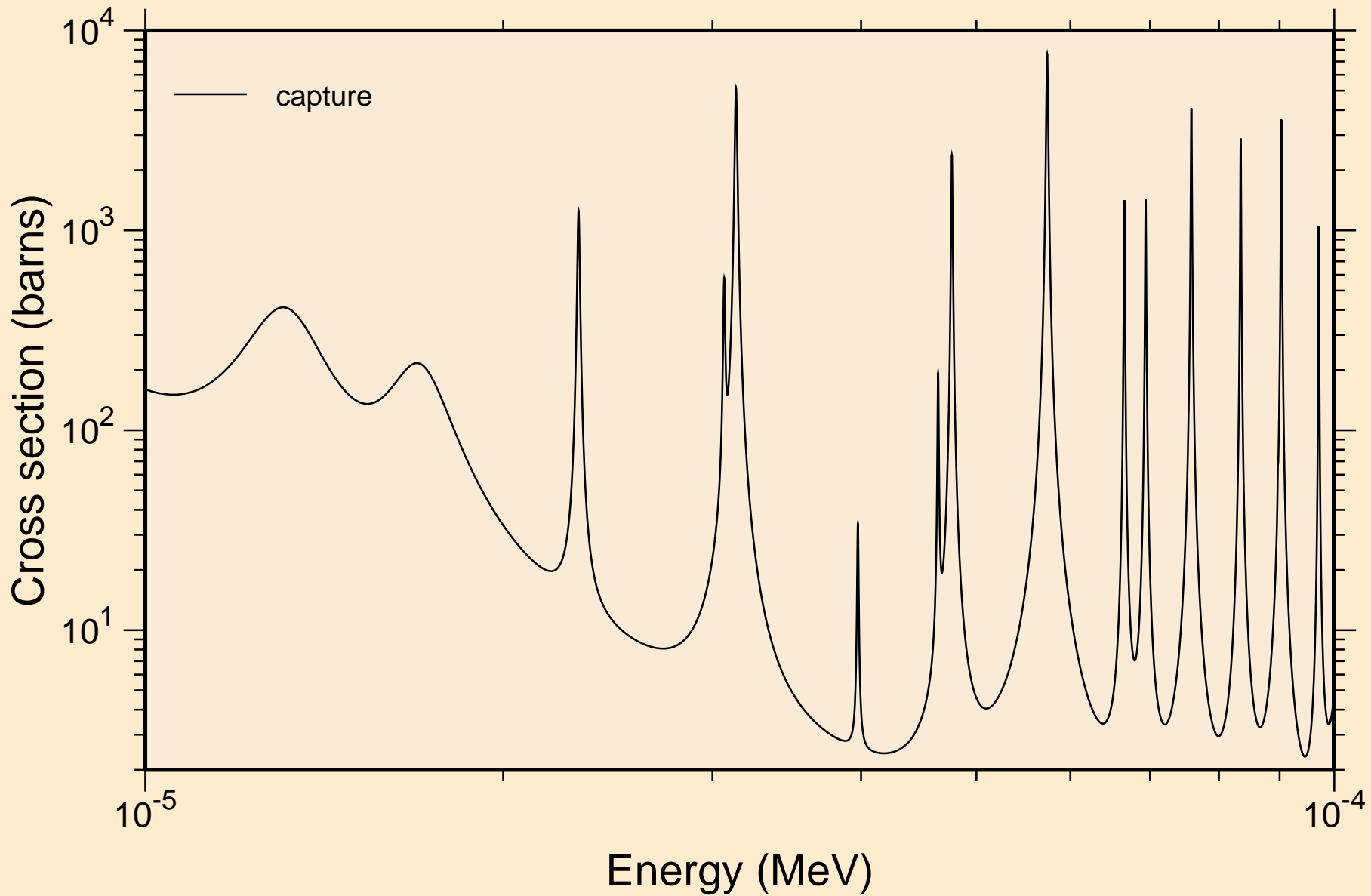
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



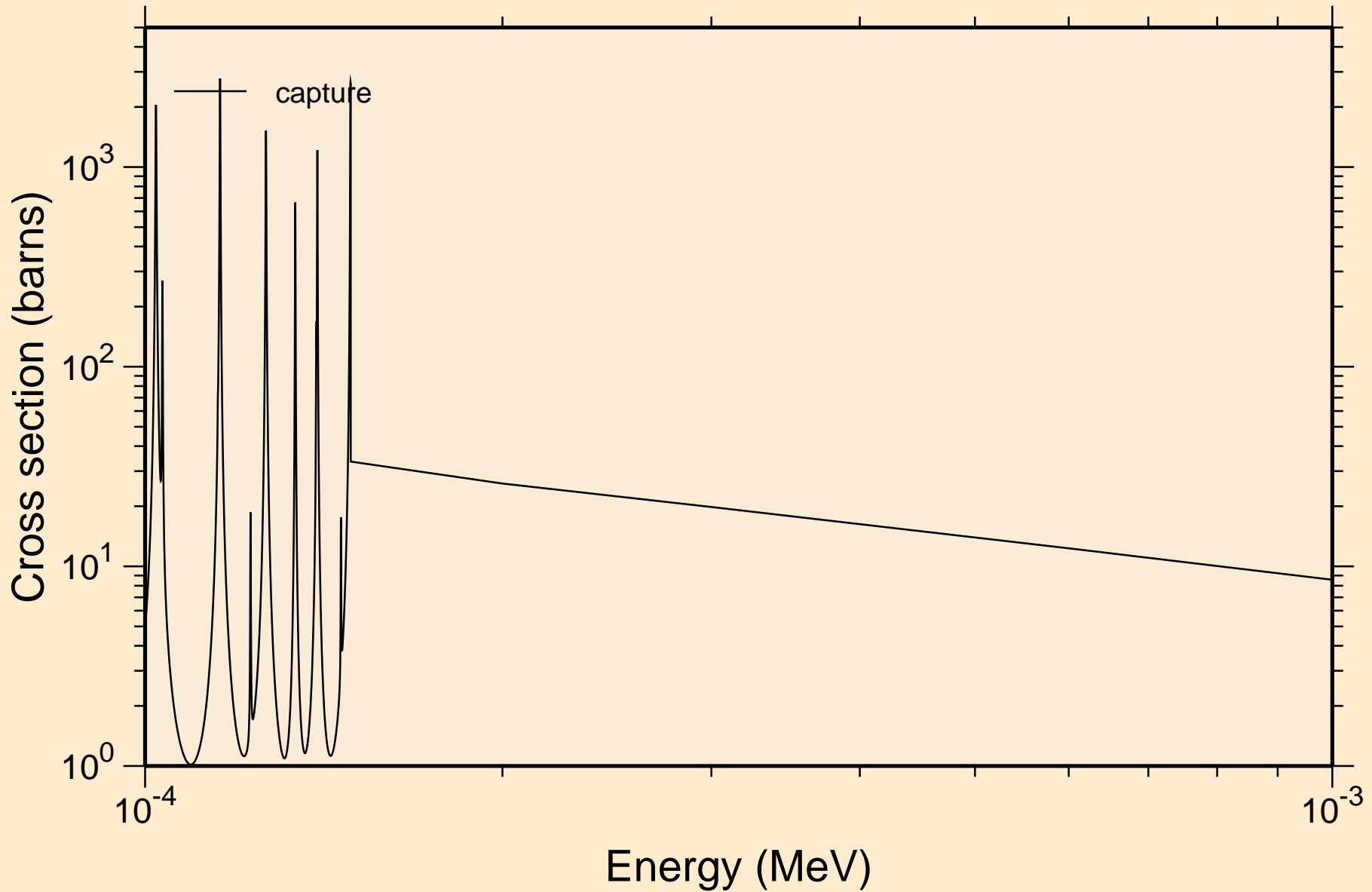
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



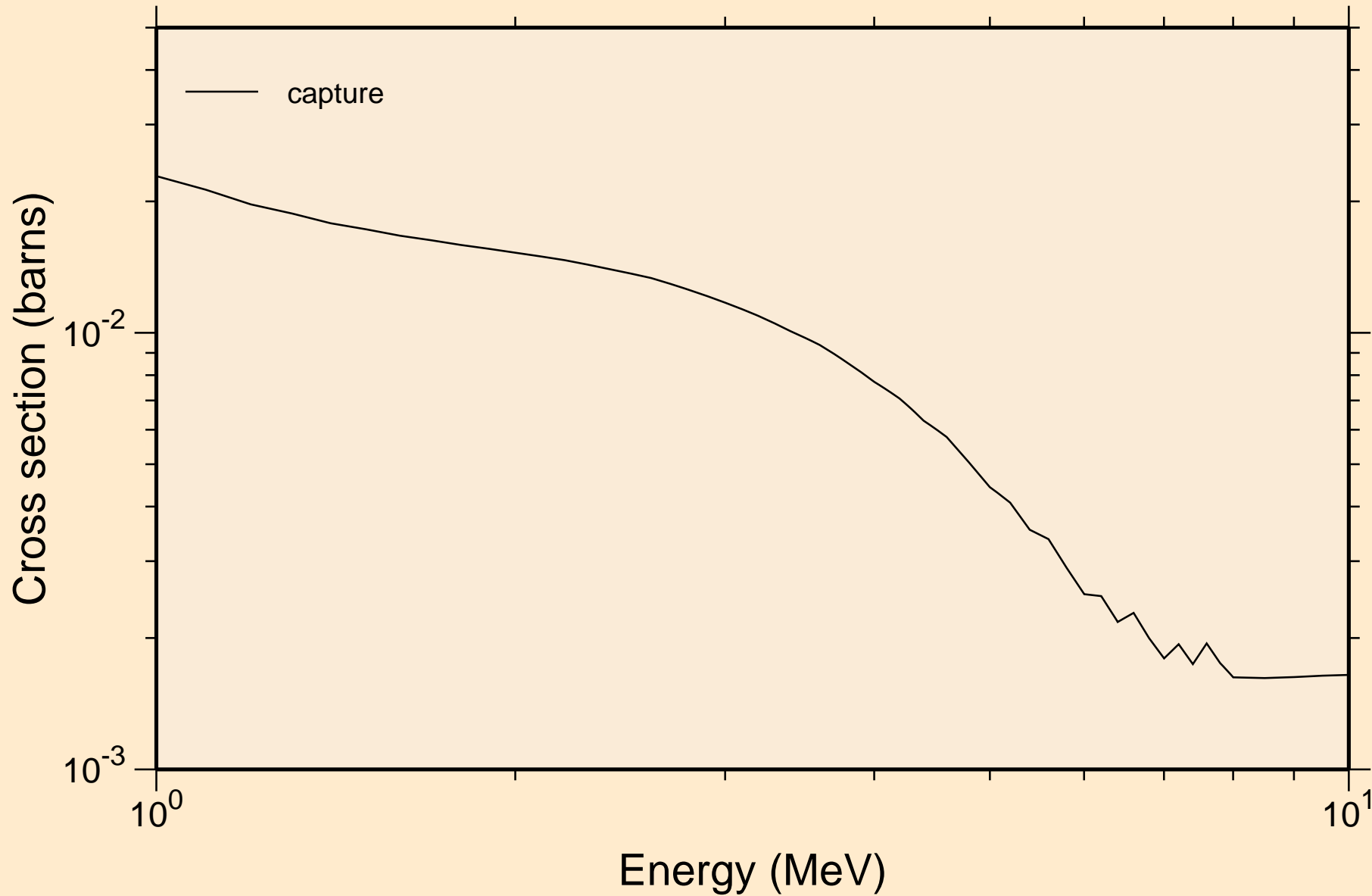
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



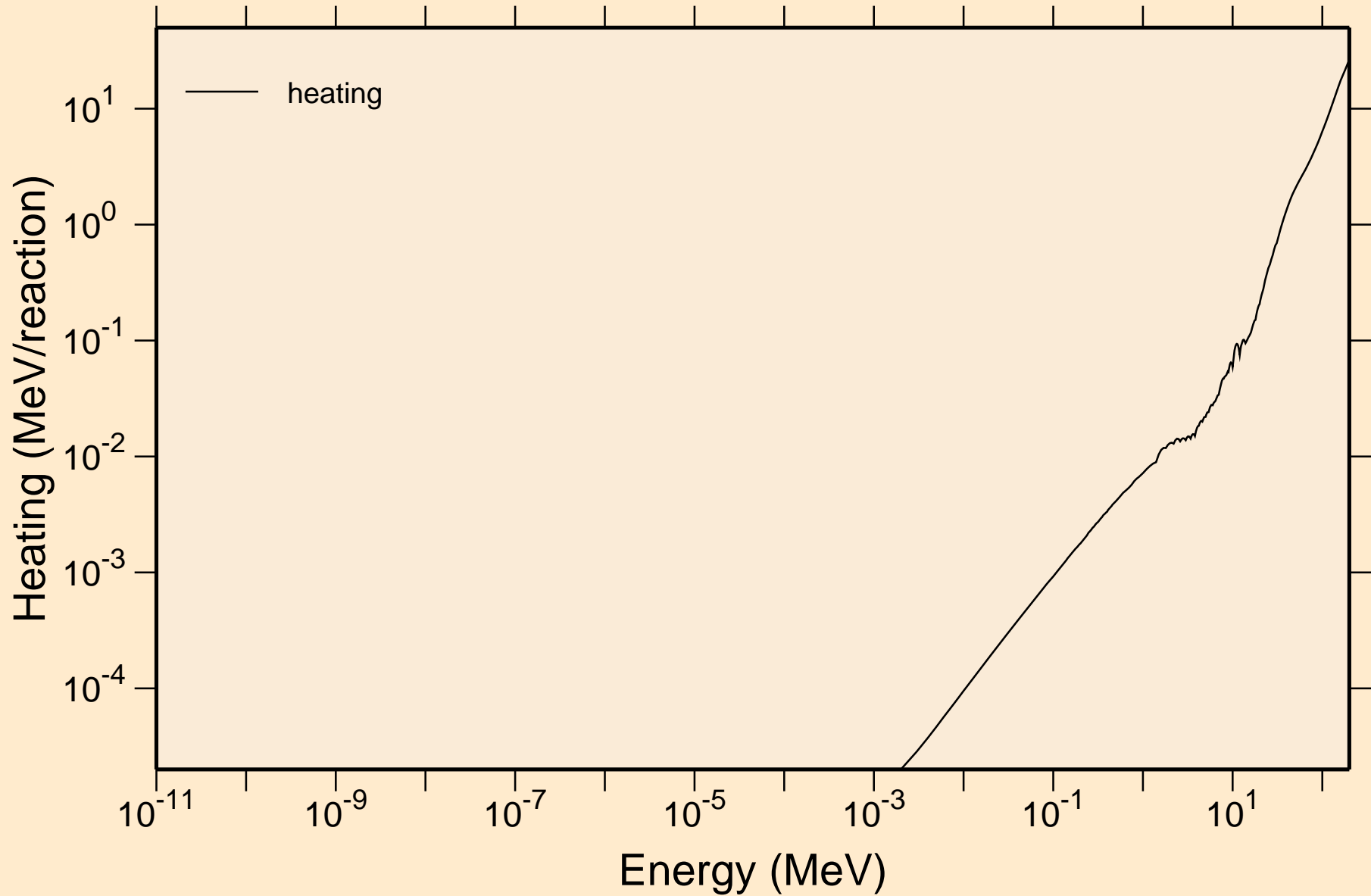
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections





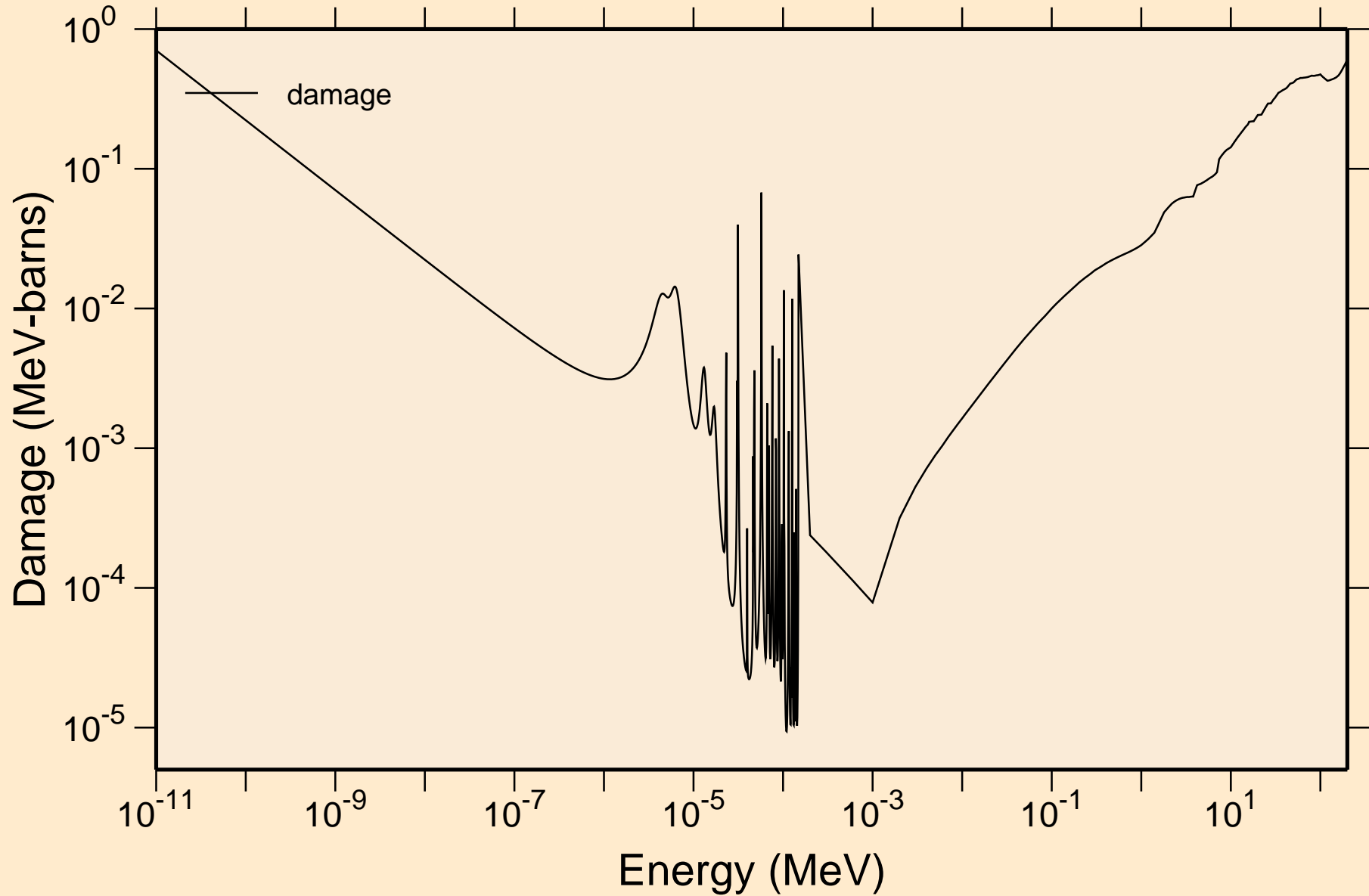
# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



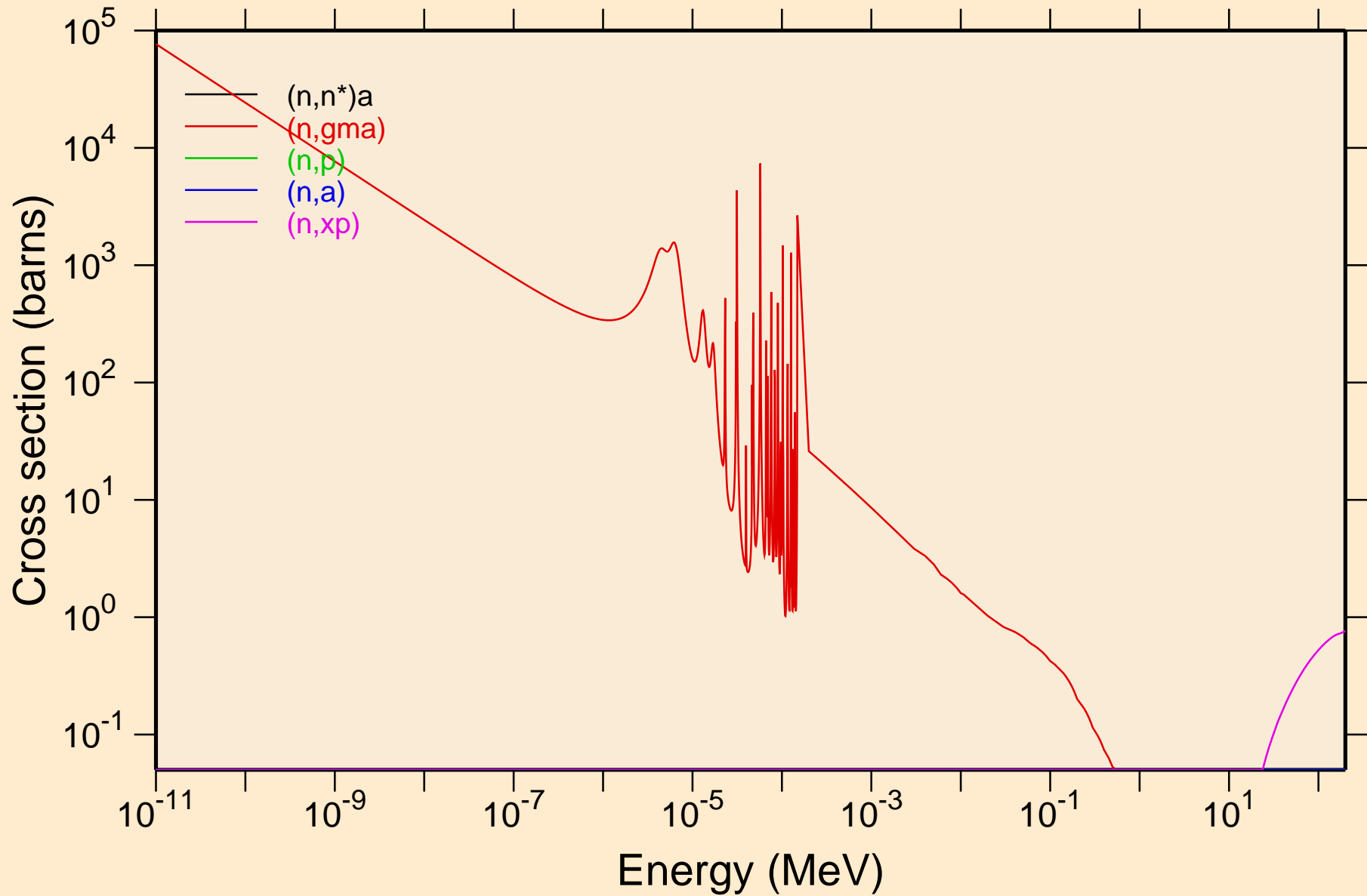
# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

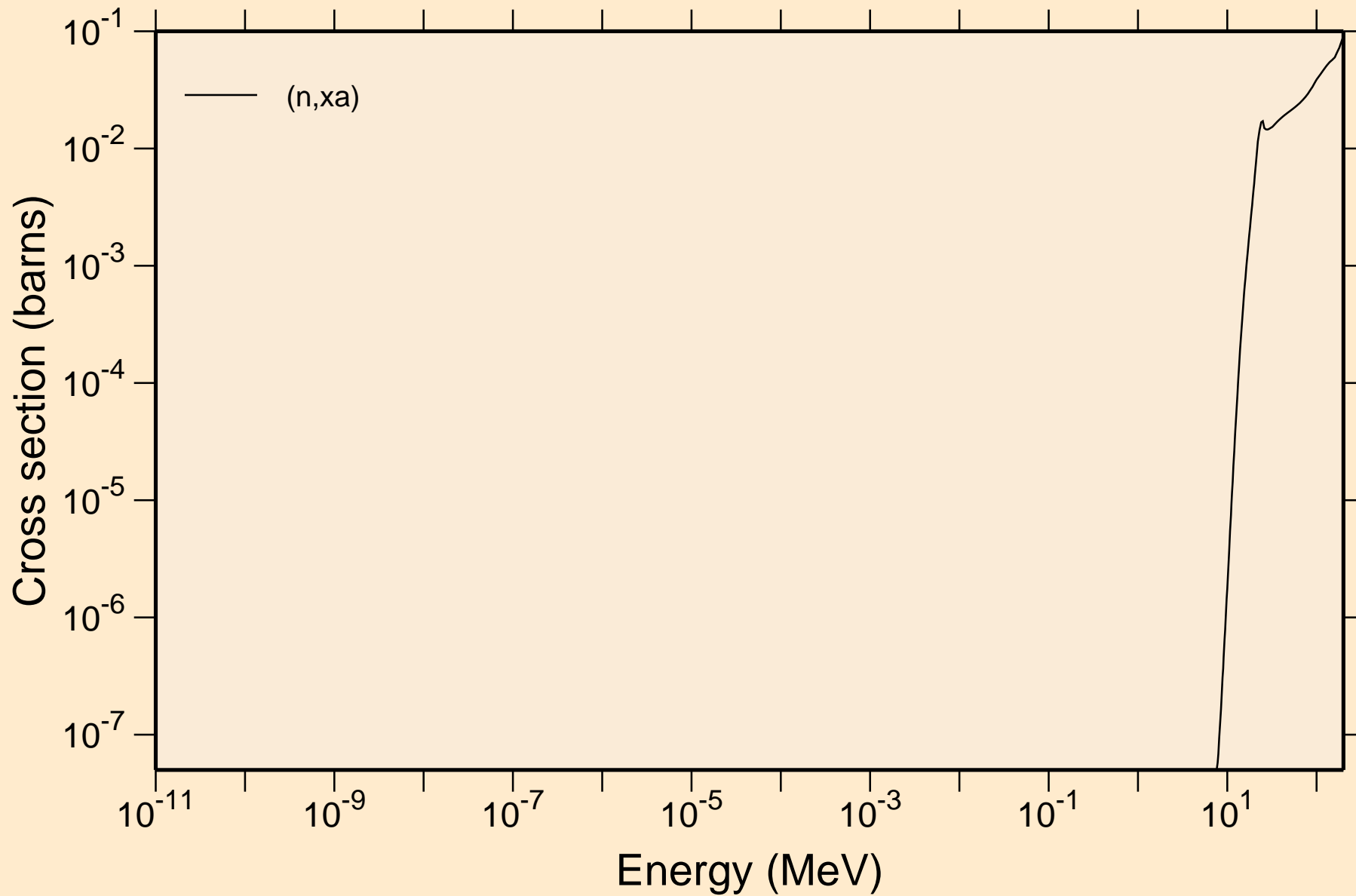


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

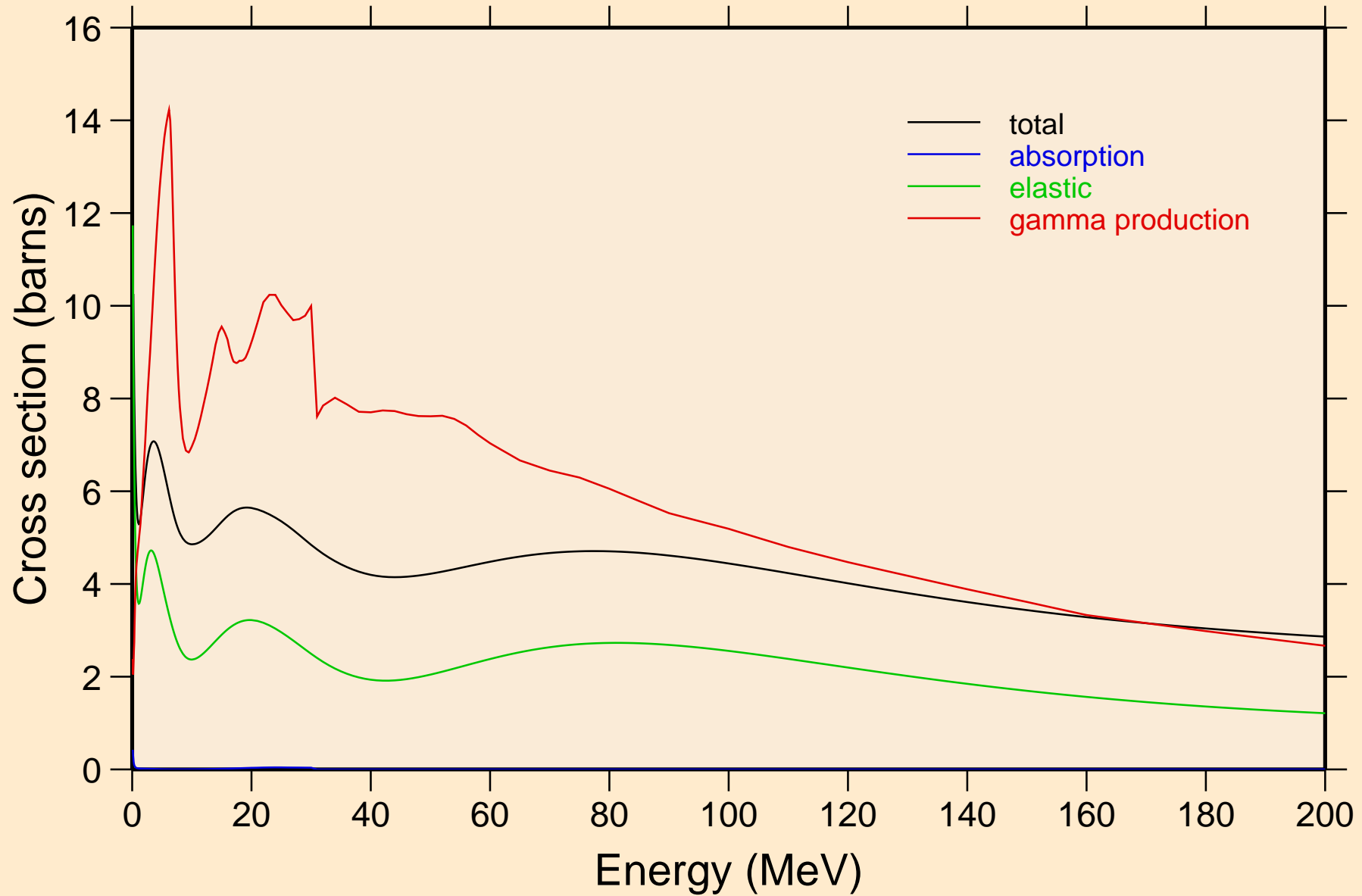


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



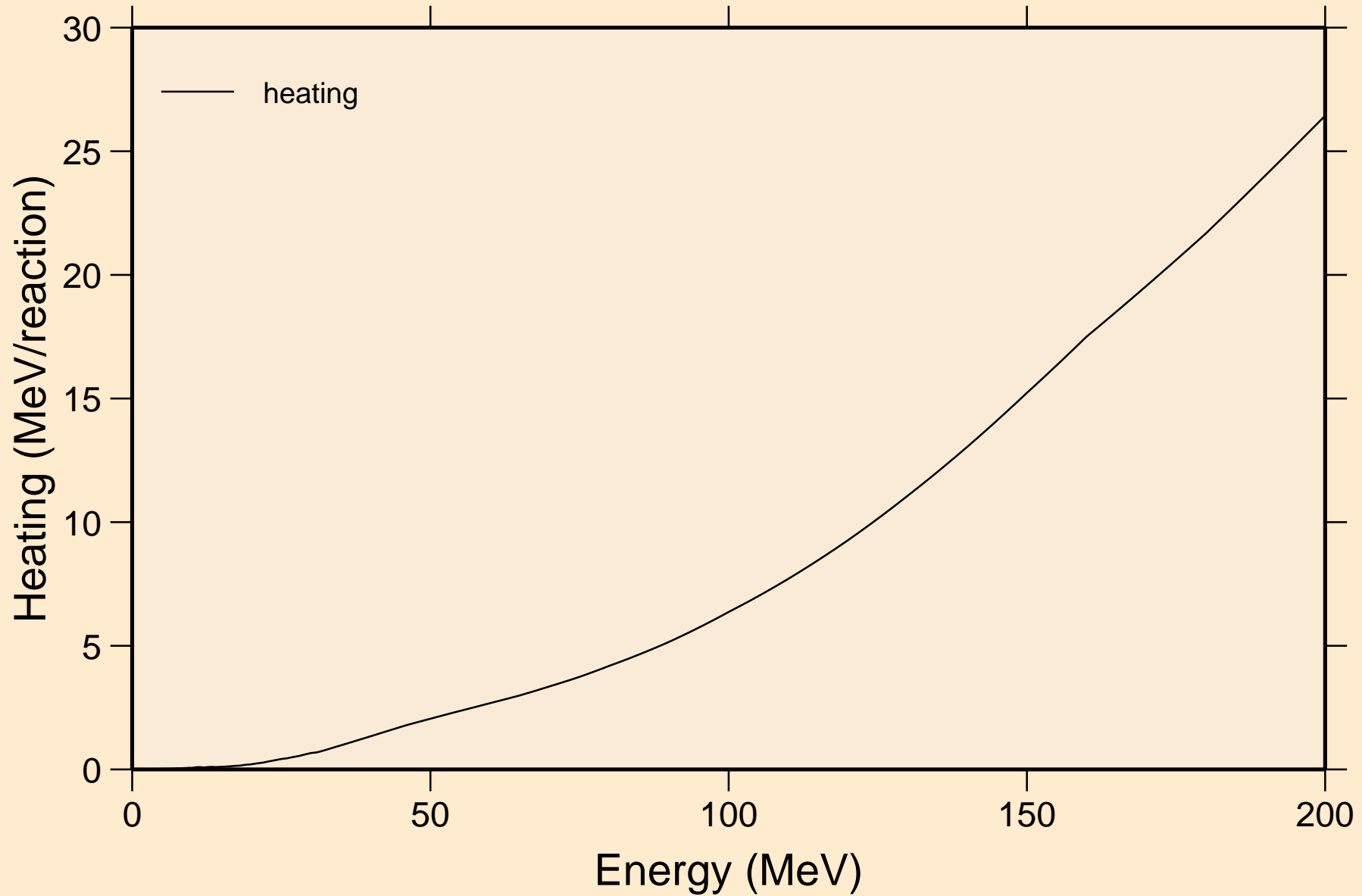
# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



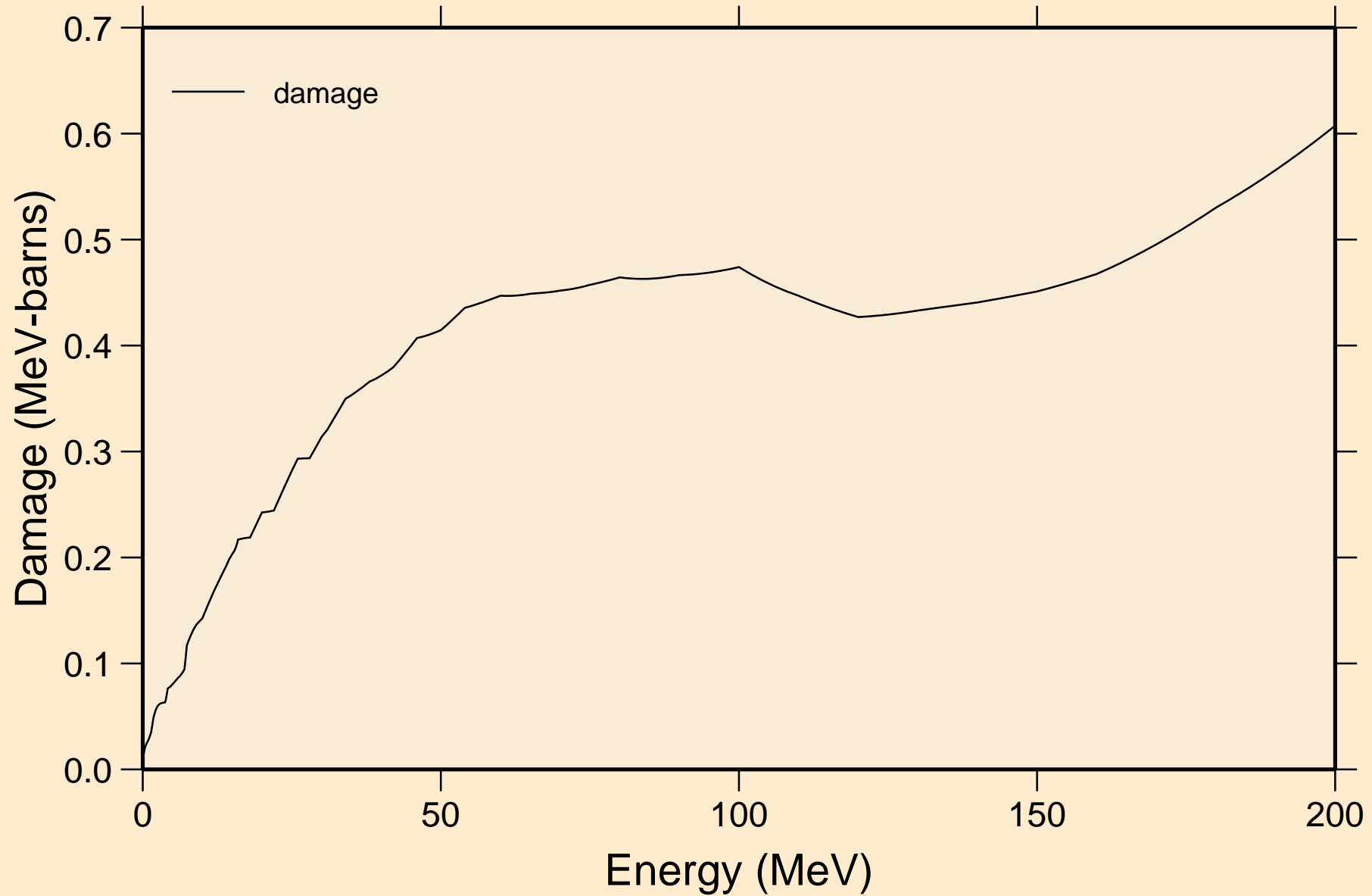
# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

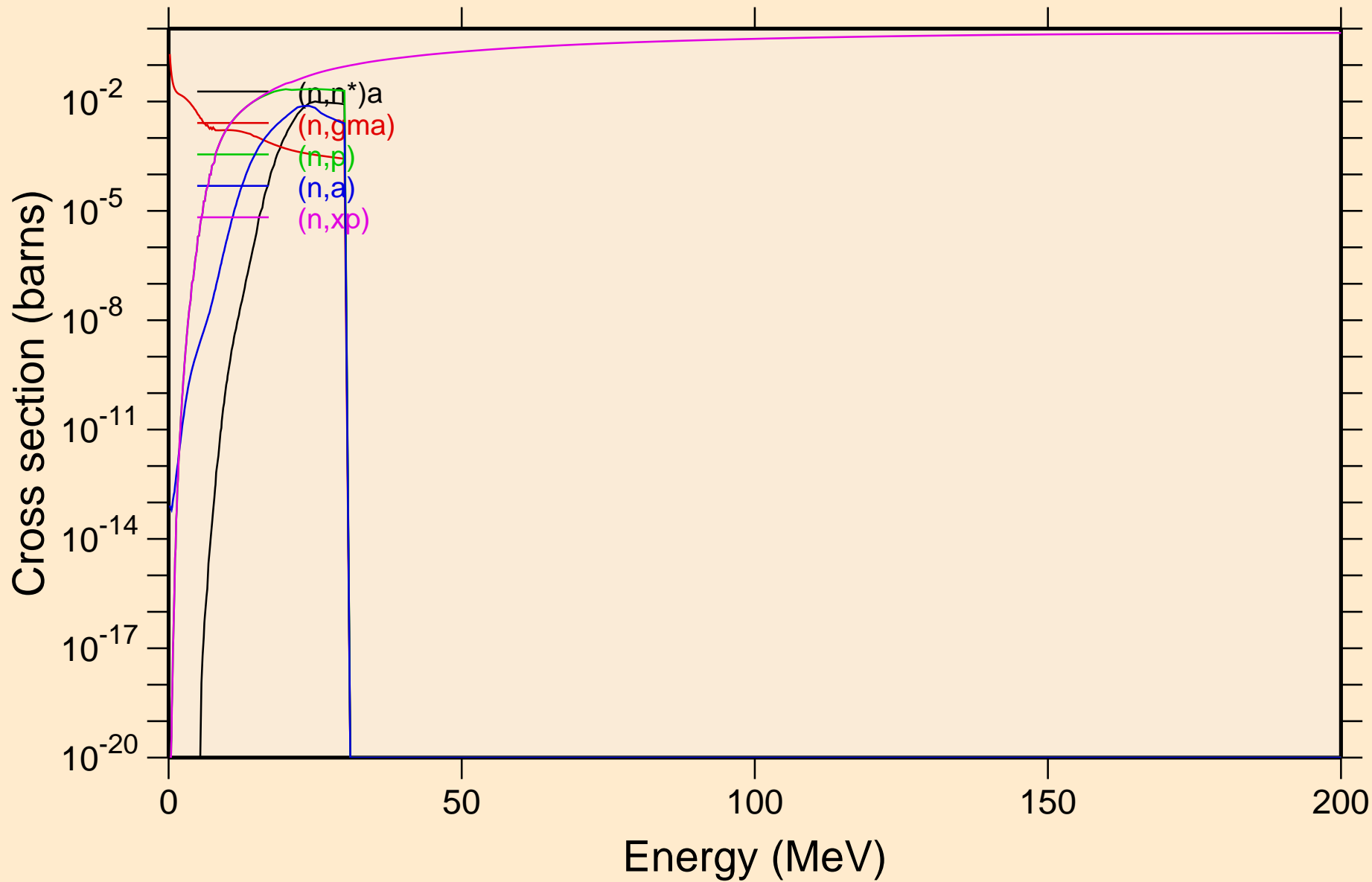


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

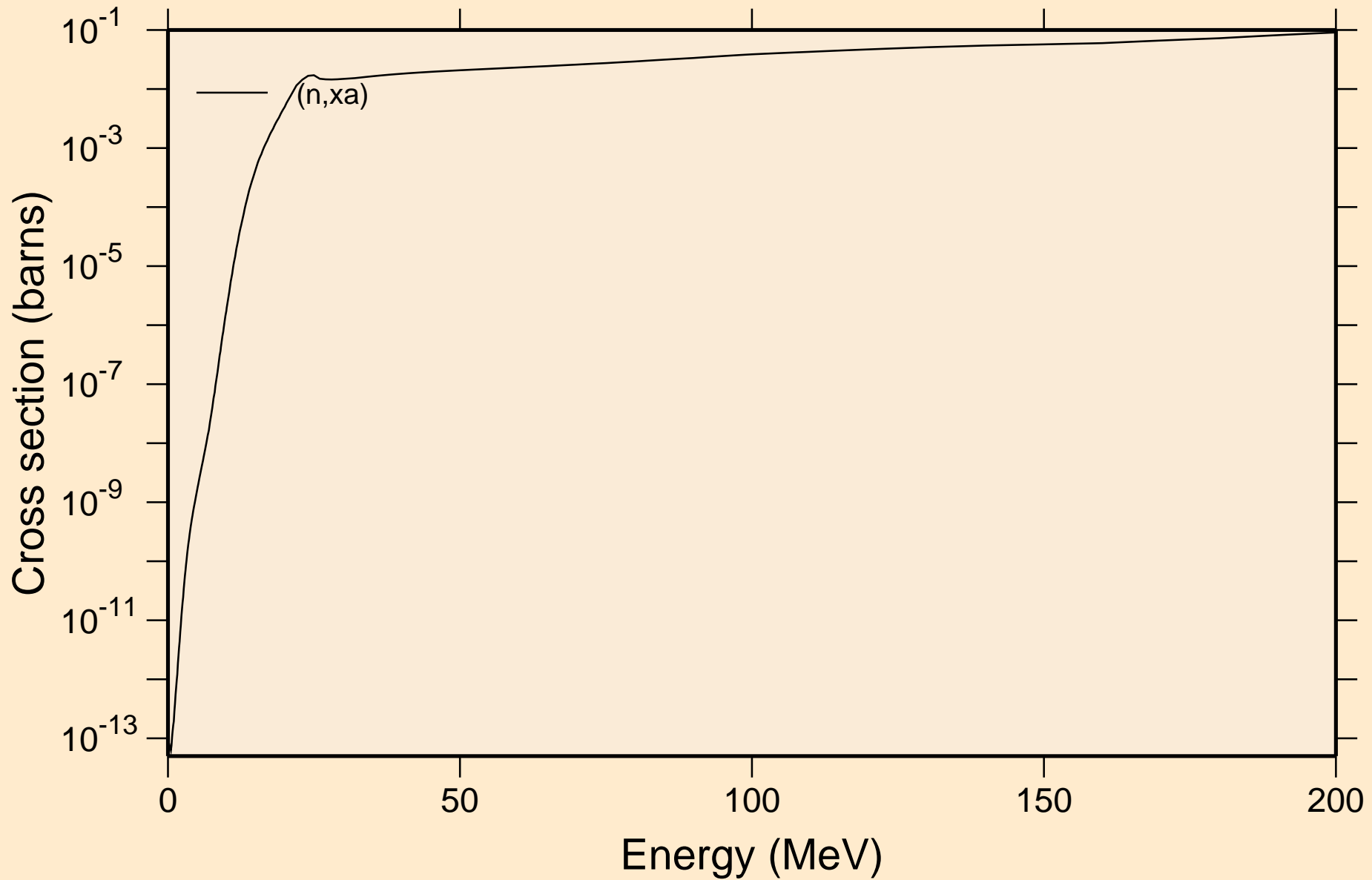


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

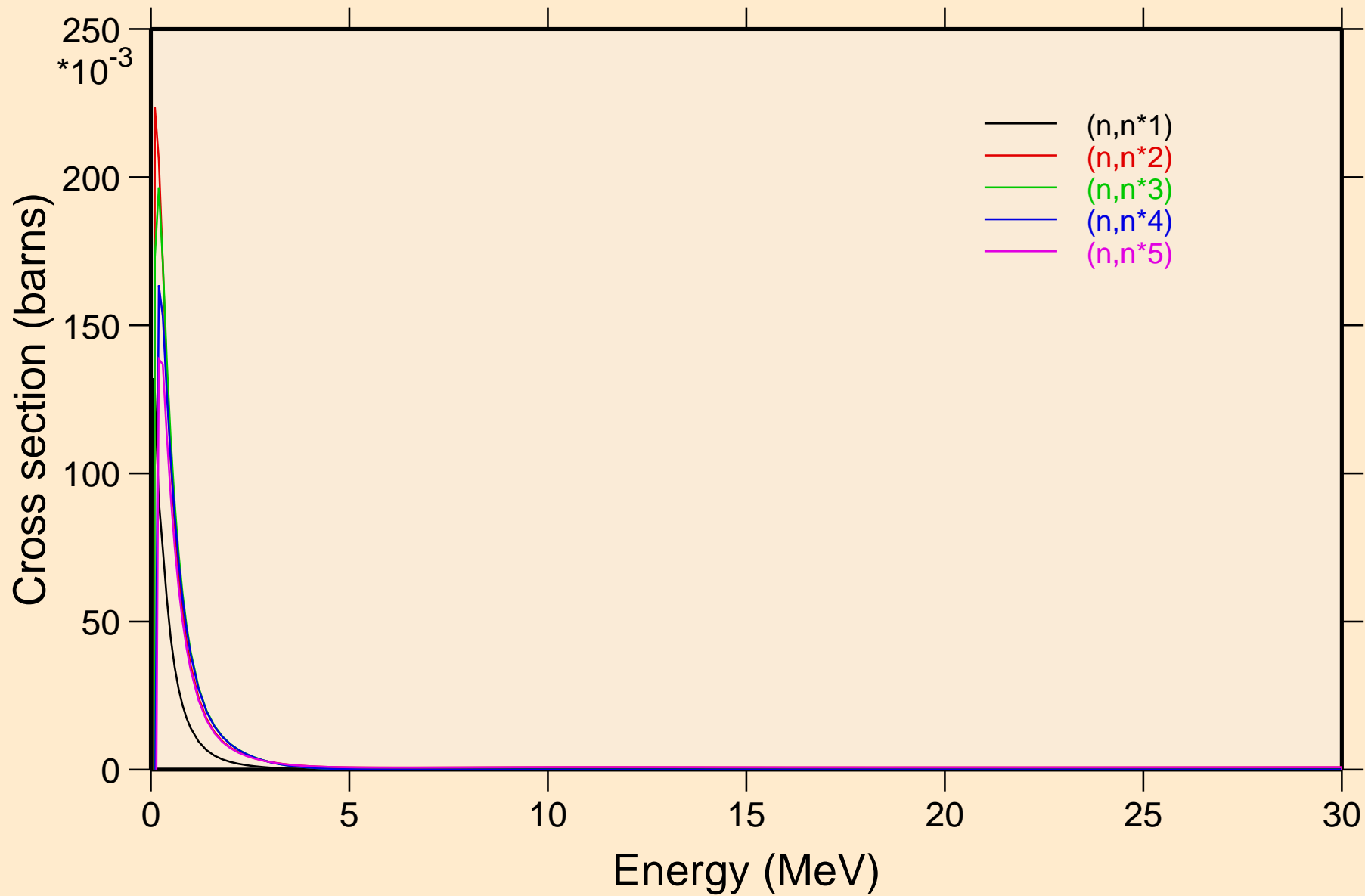




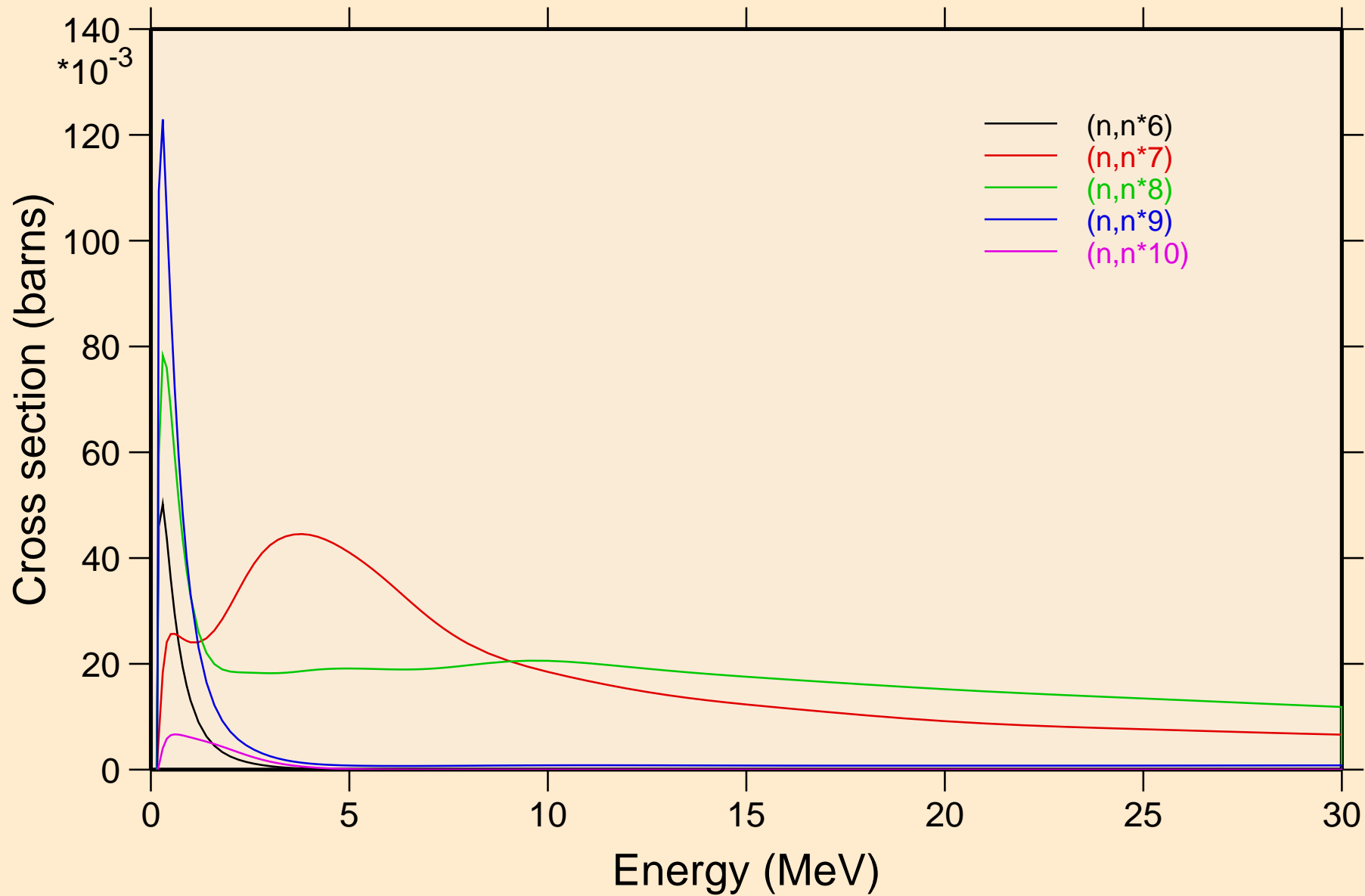
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



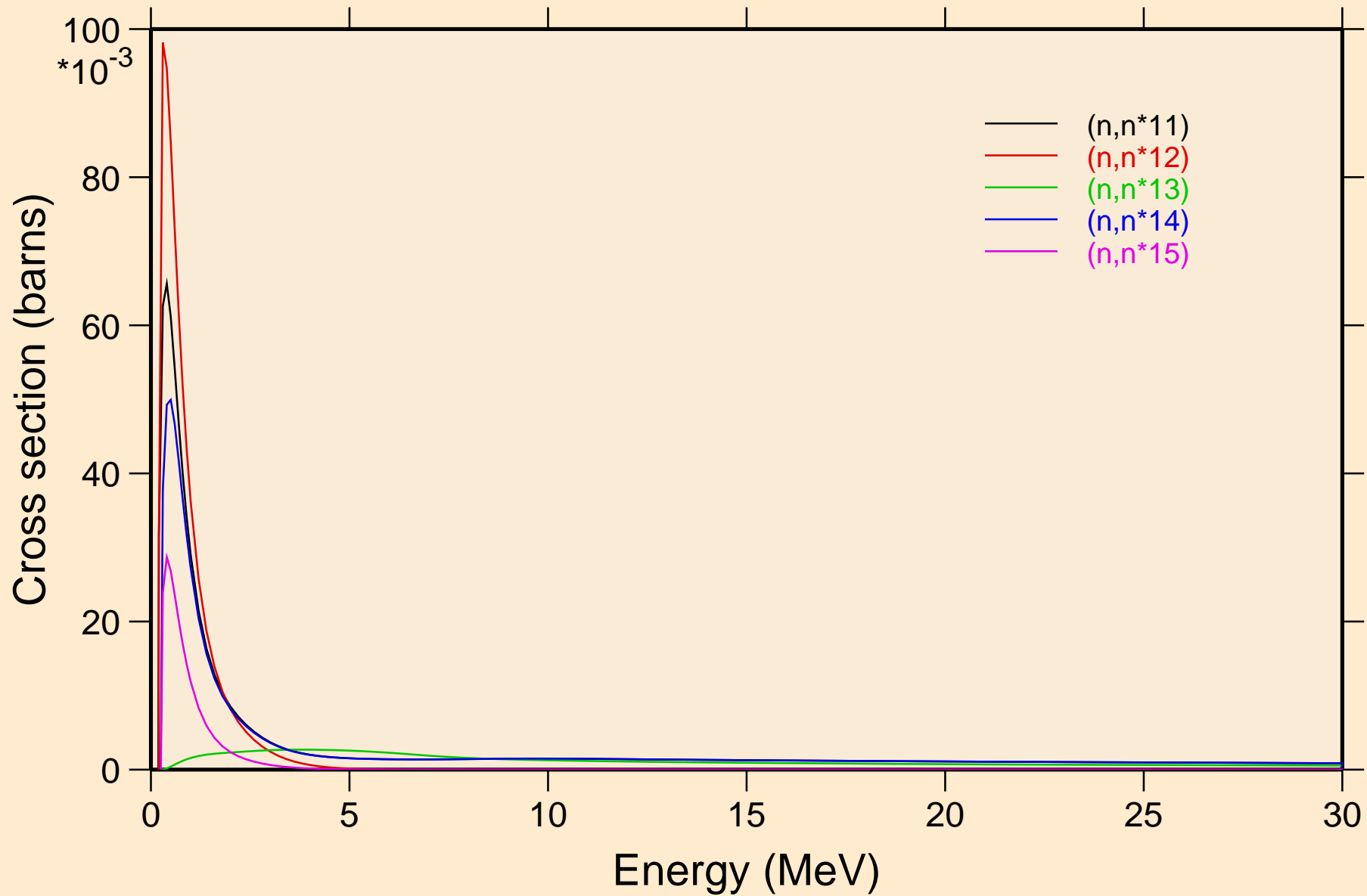
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



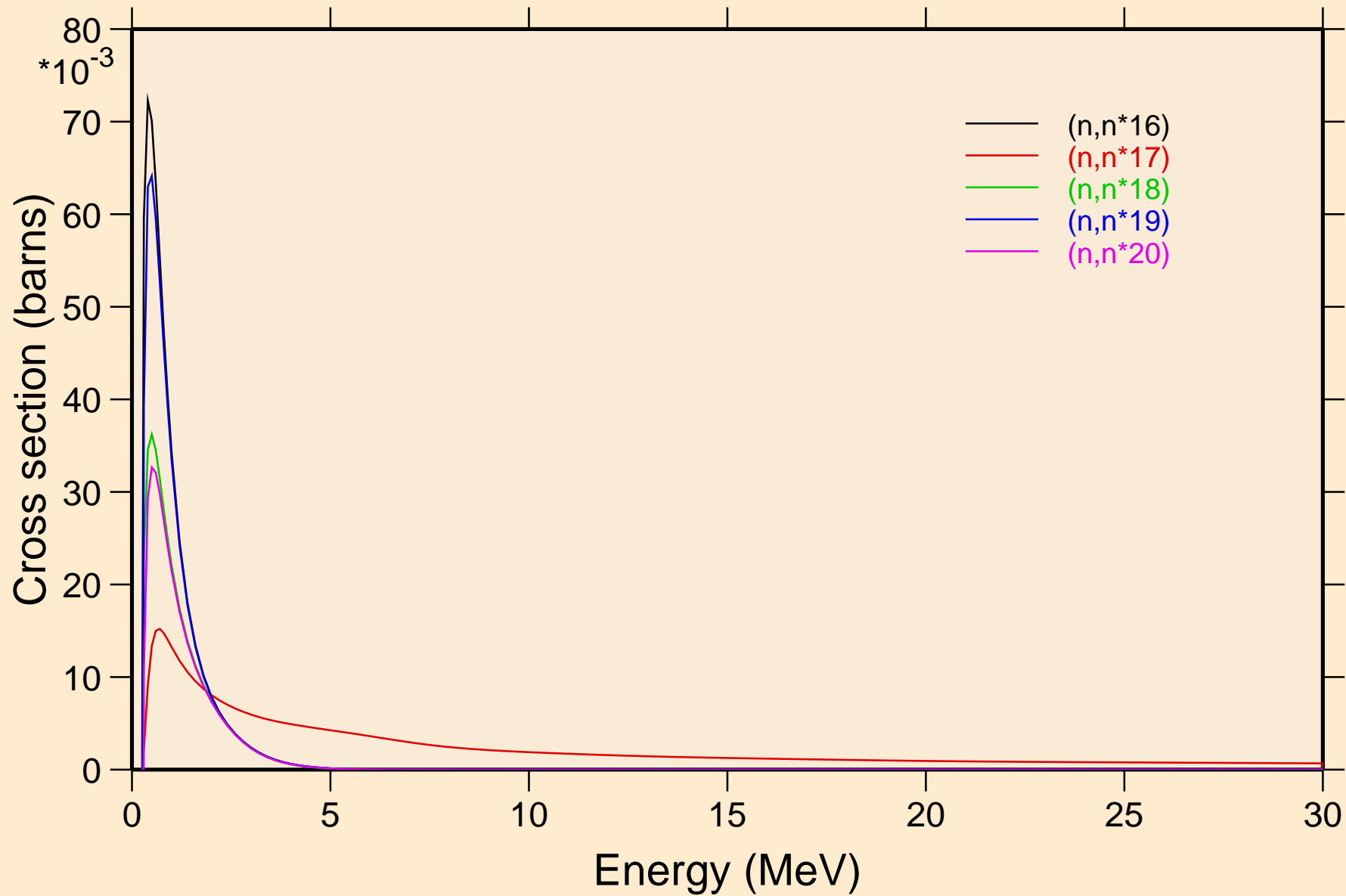
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



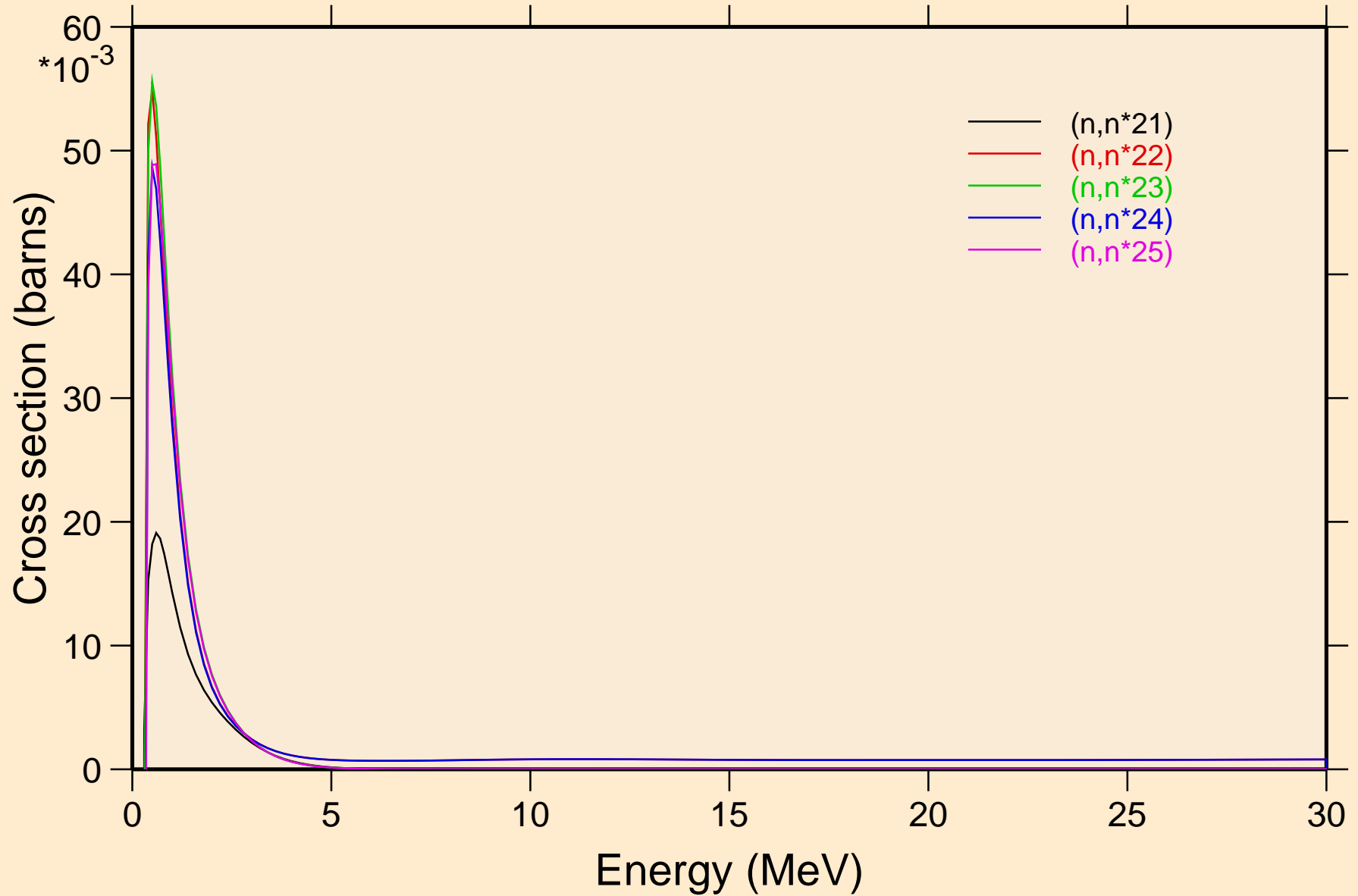
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



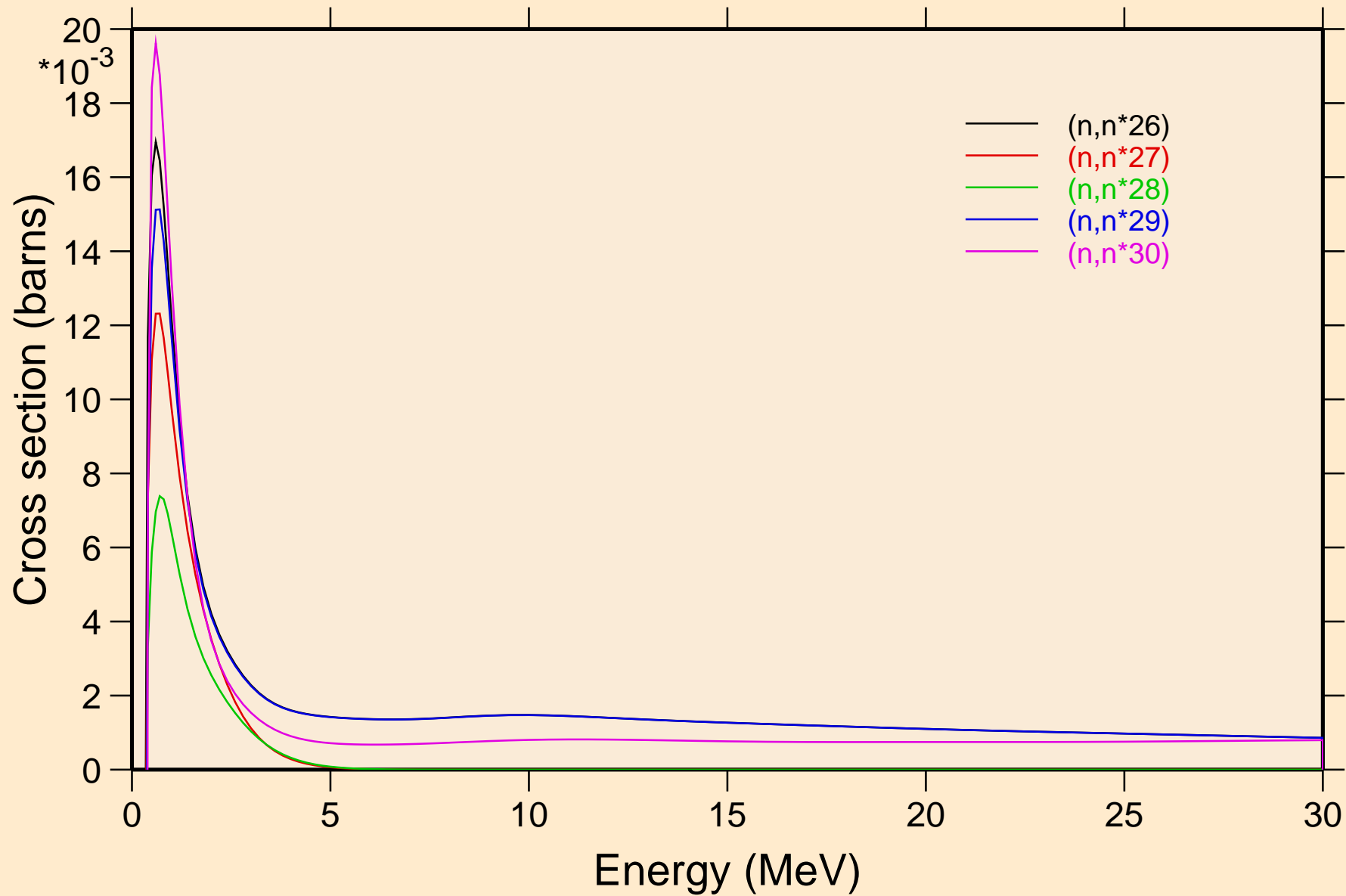
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



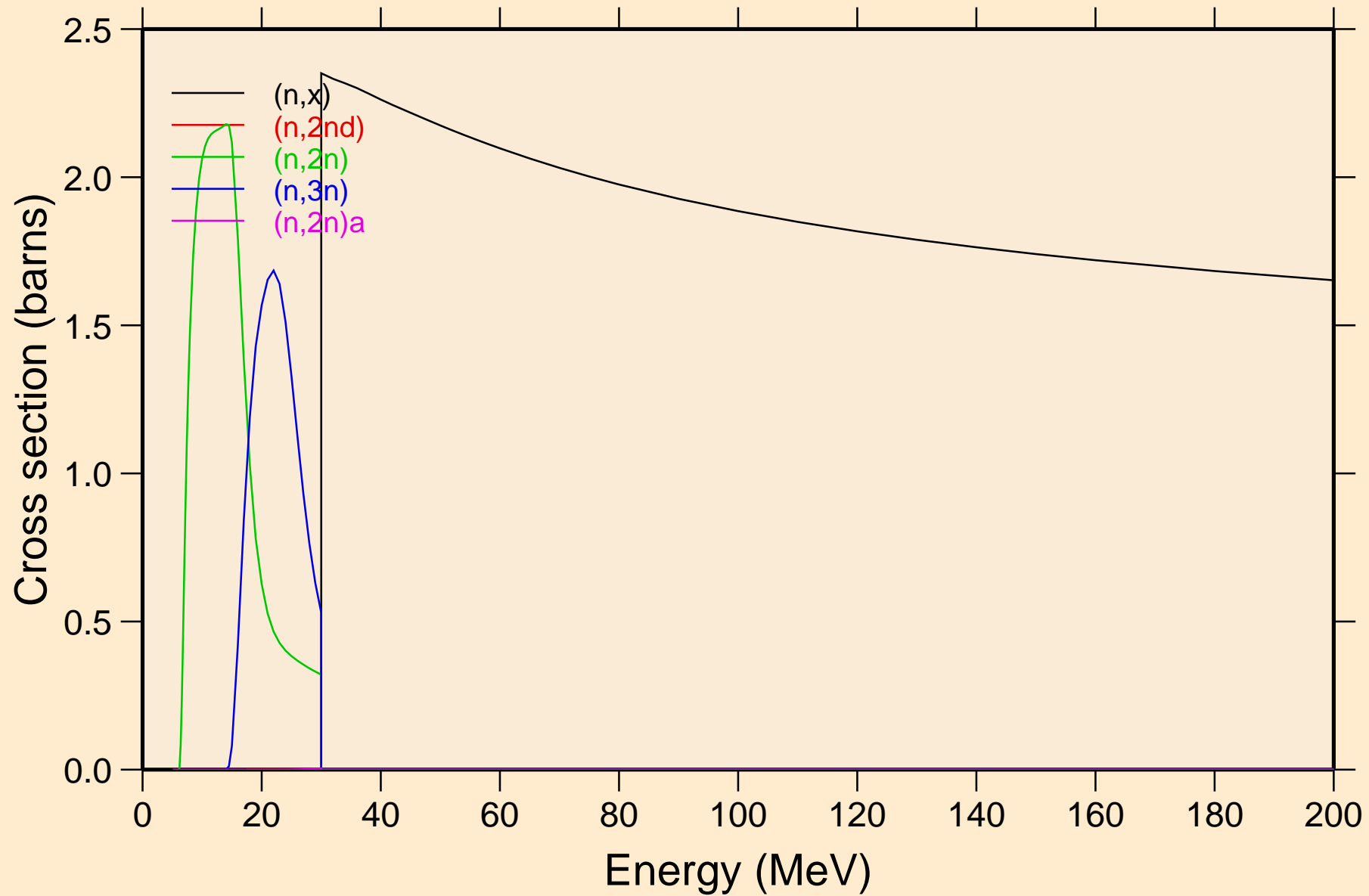
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



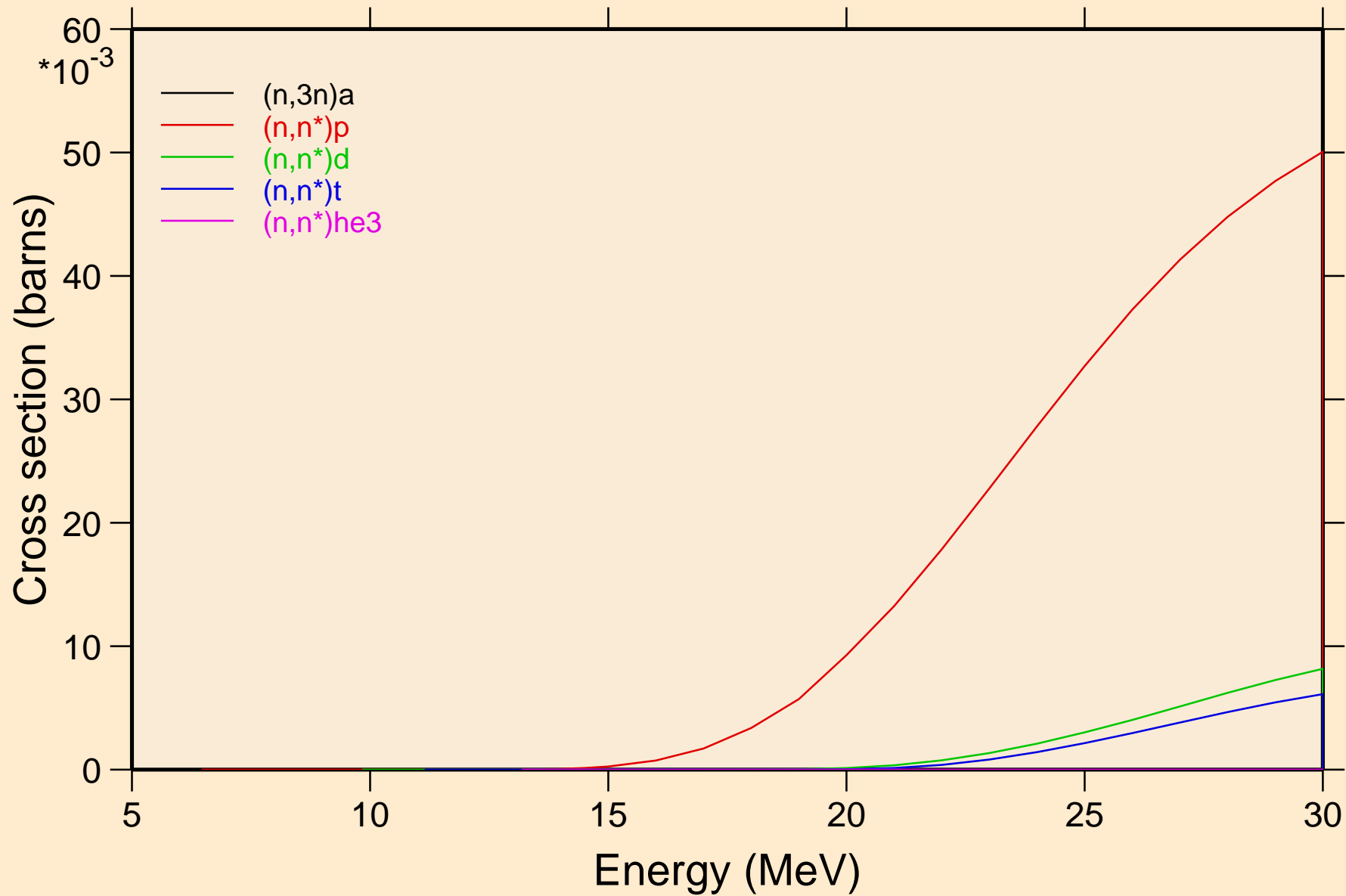
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



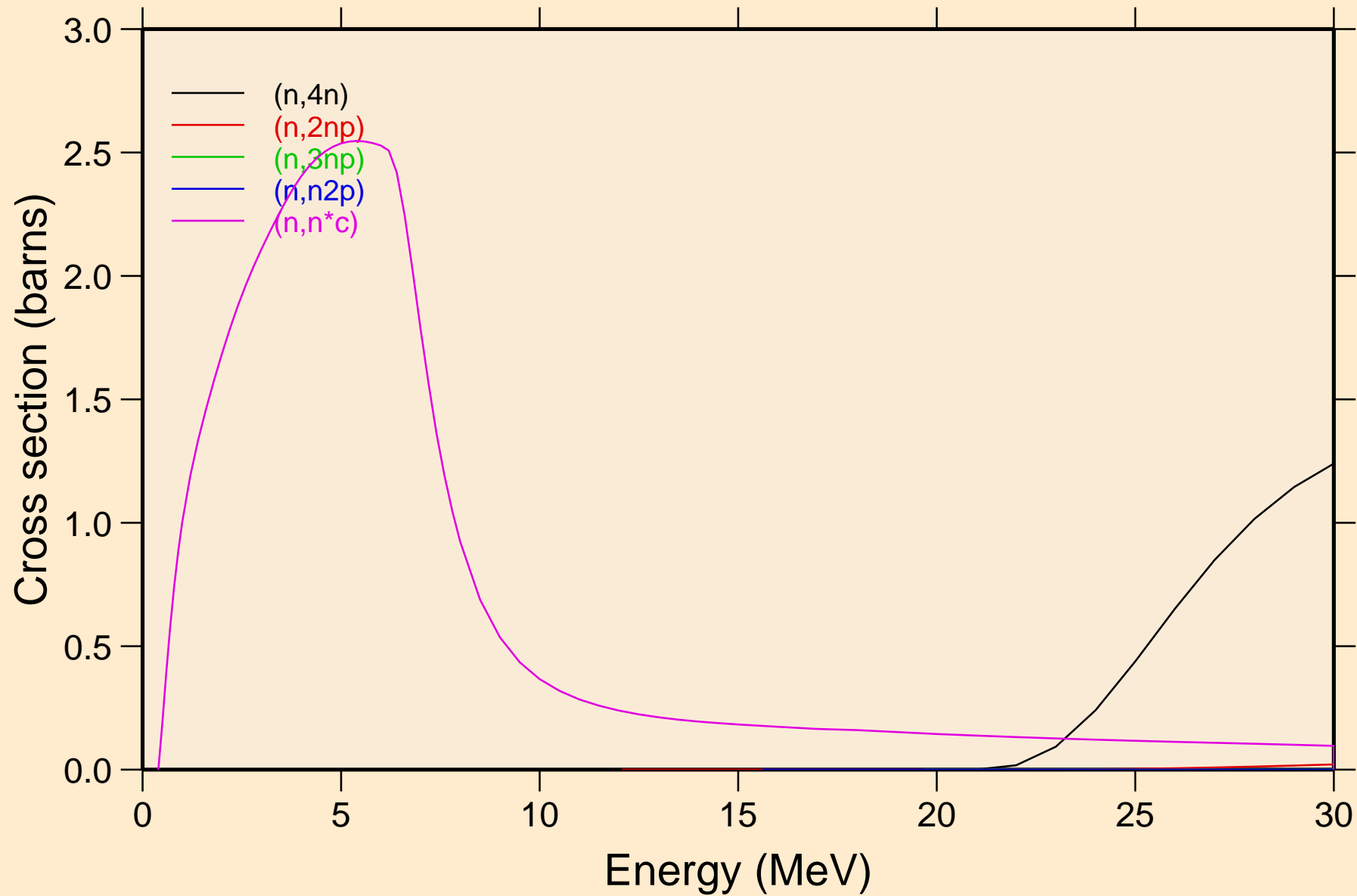


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

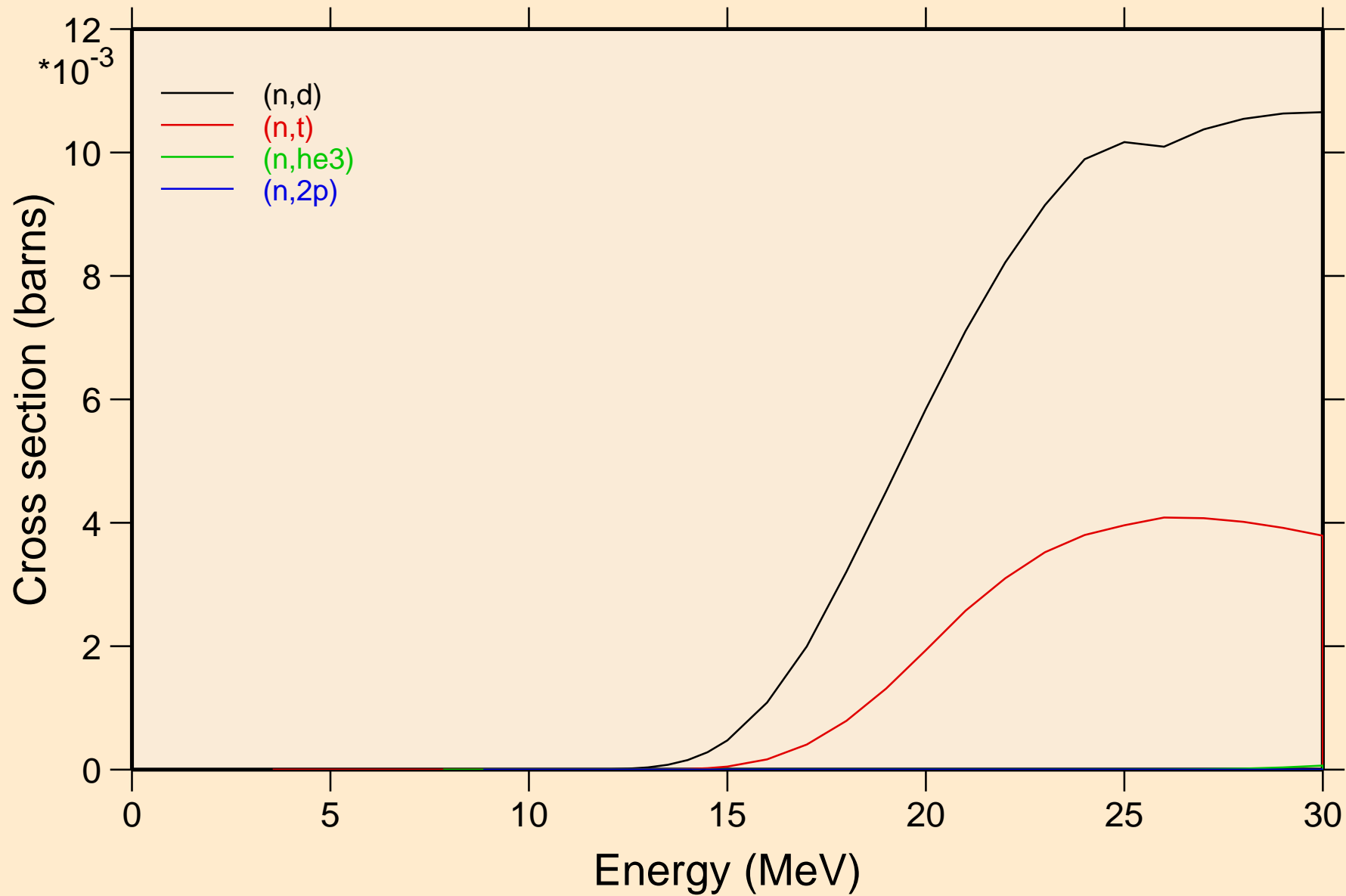
## Threshold reactions



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

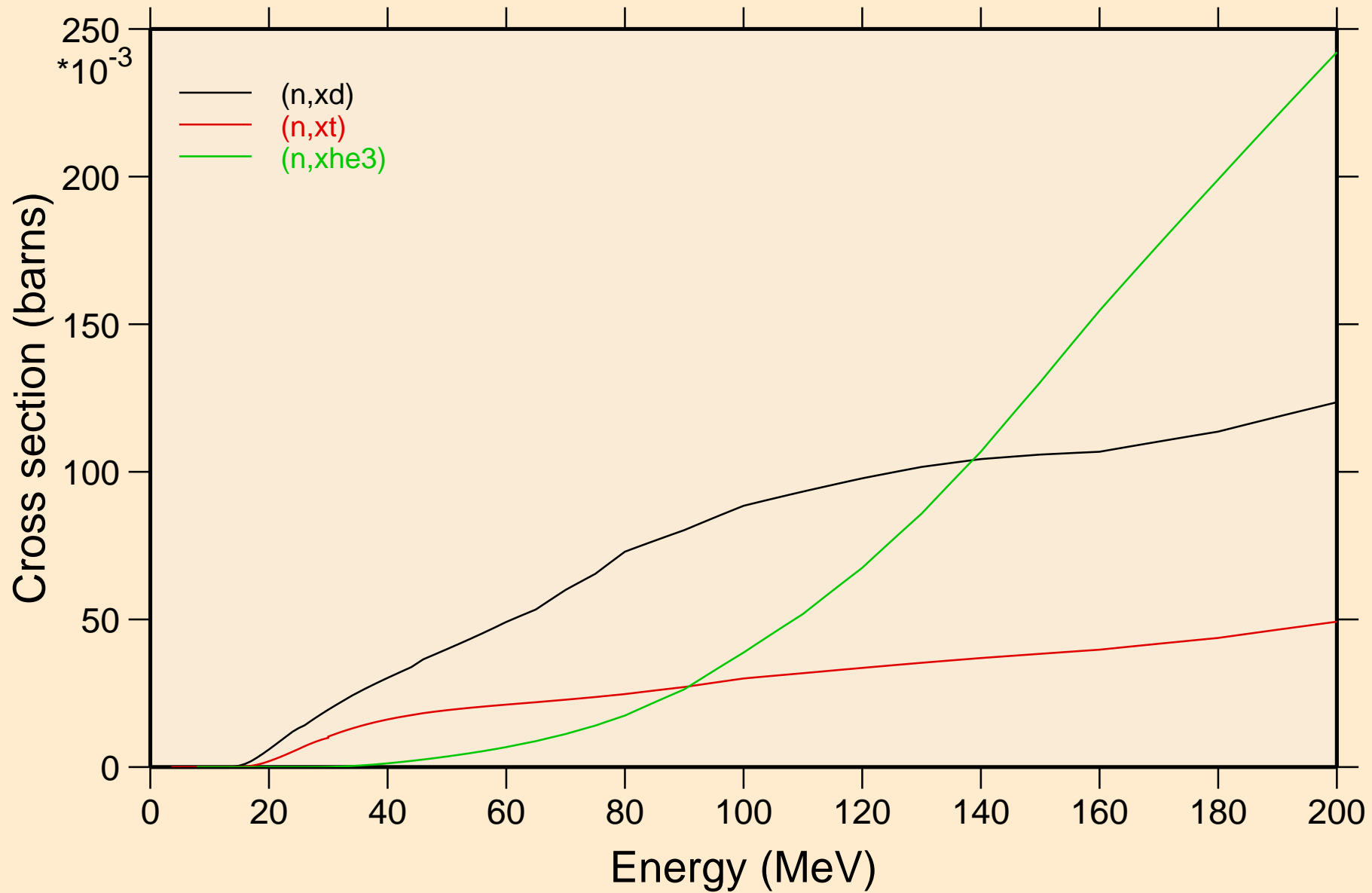


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

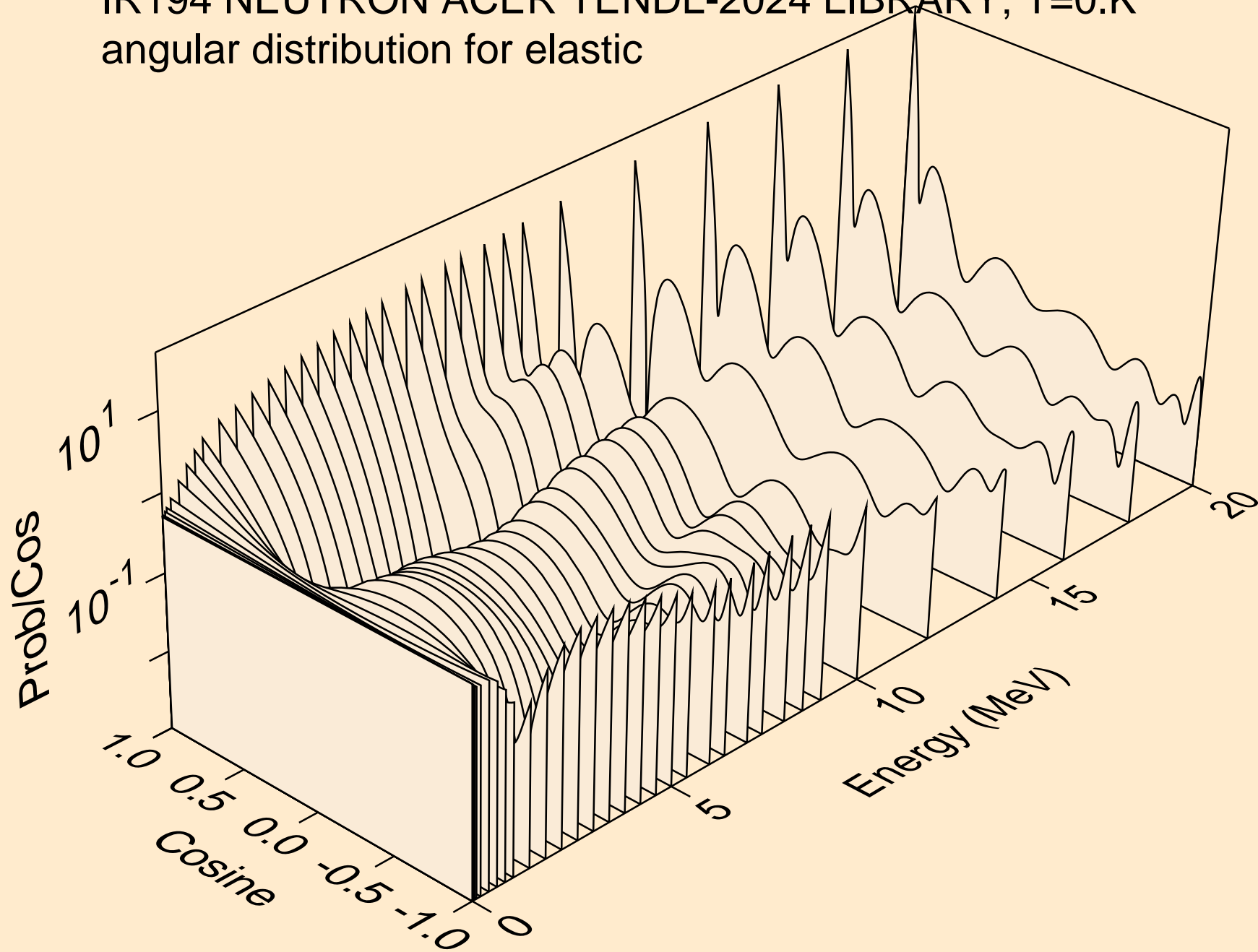


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

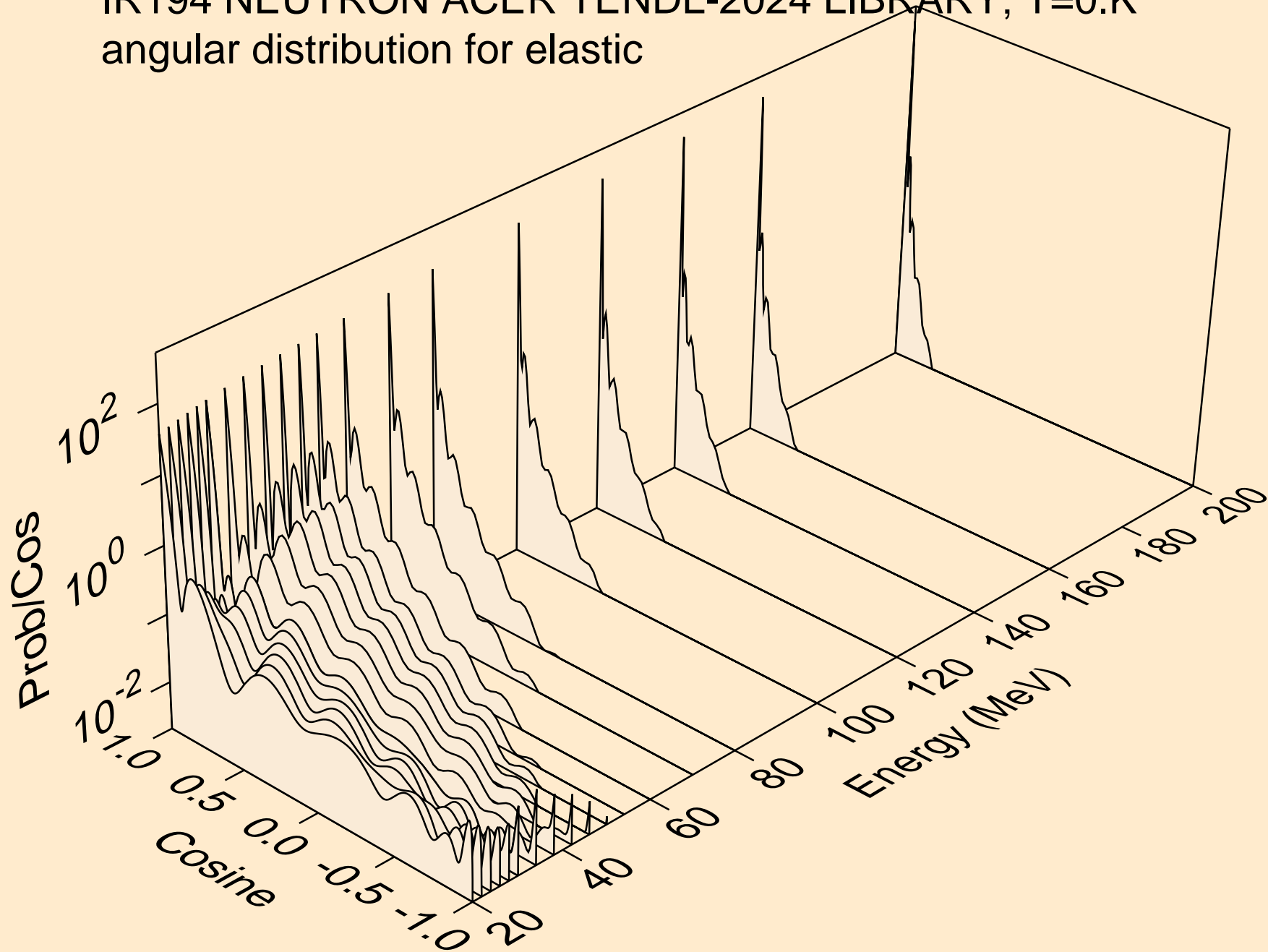
## Threshold reactions



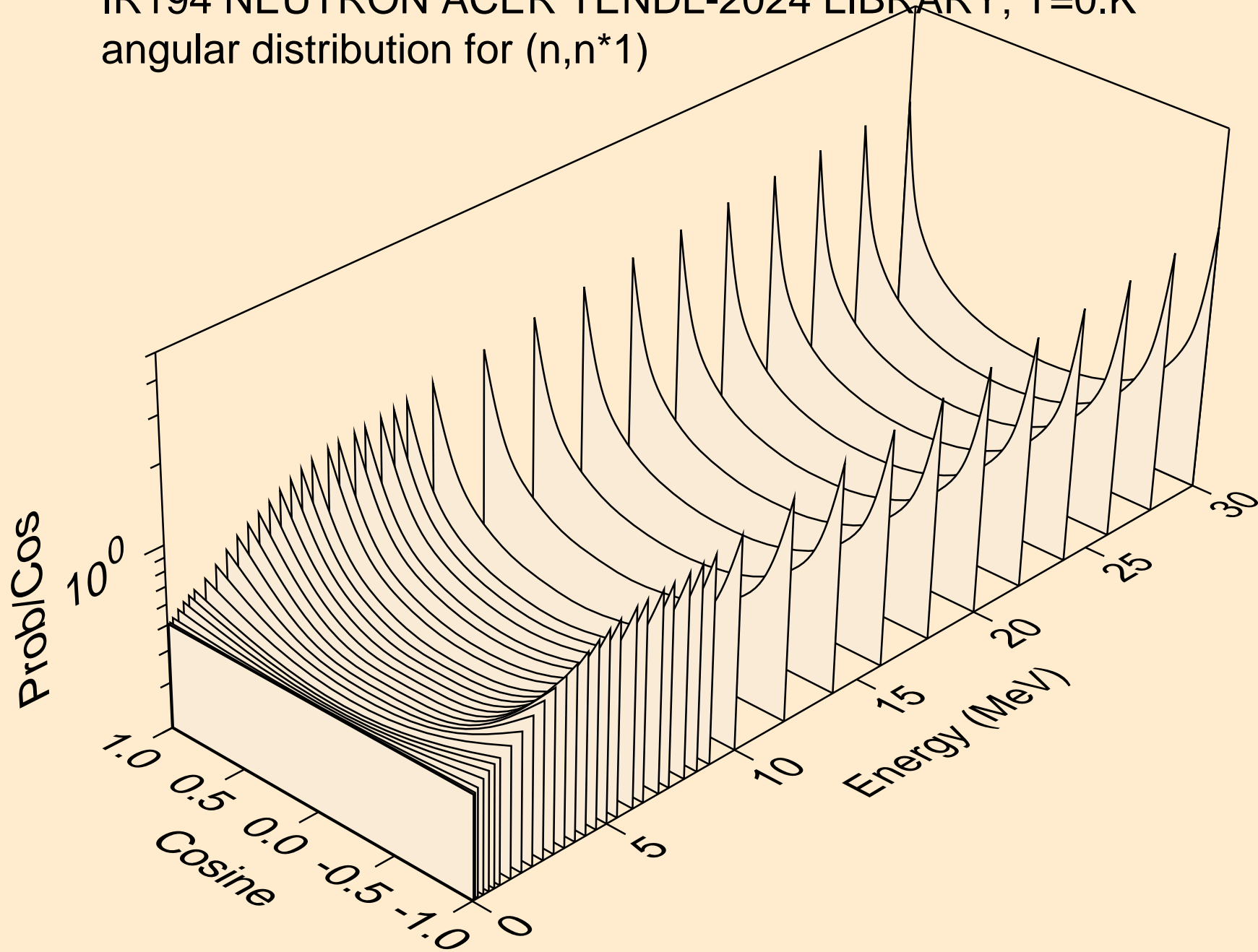
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



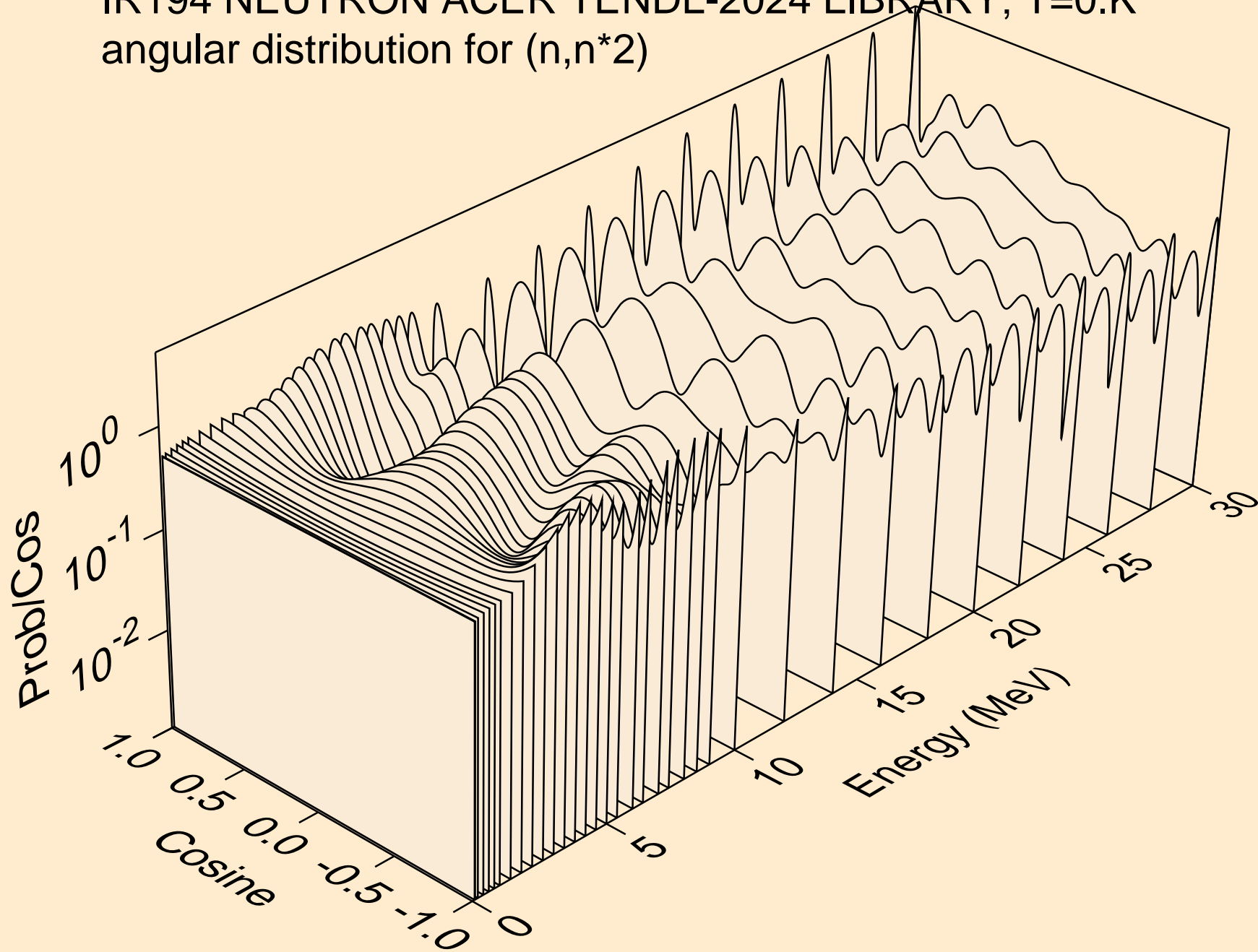
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

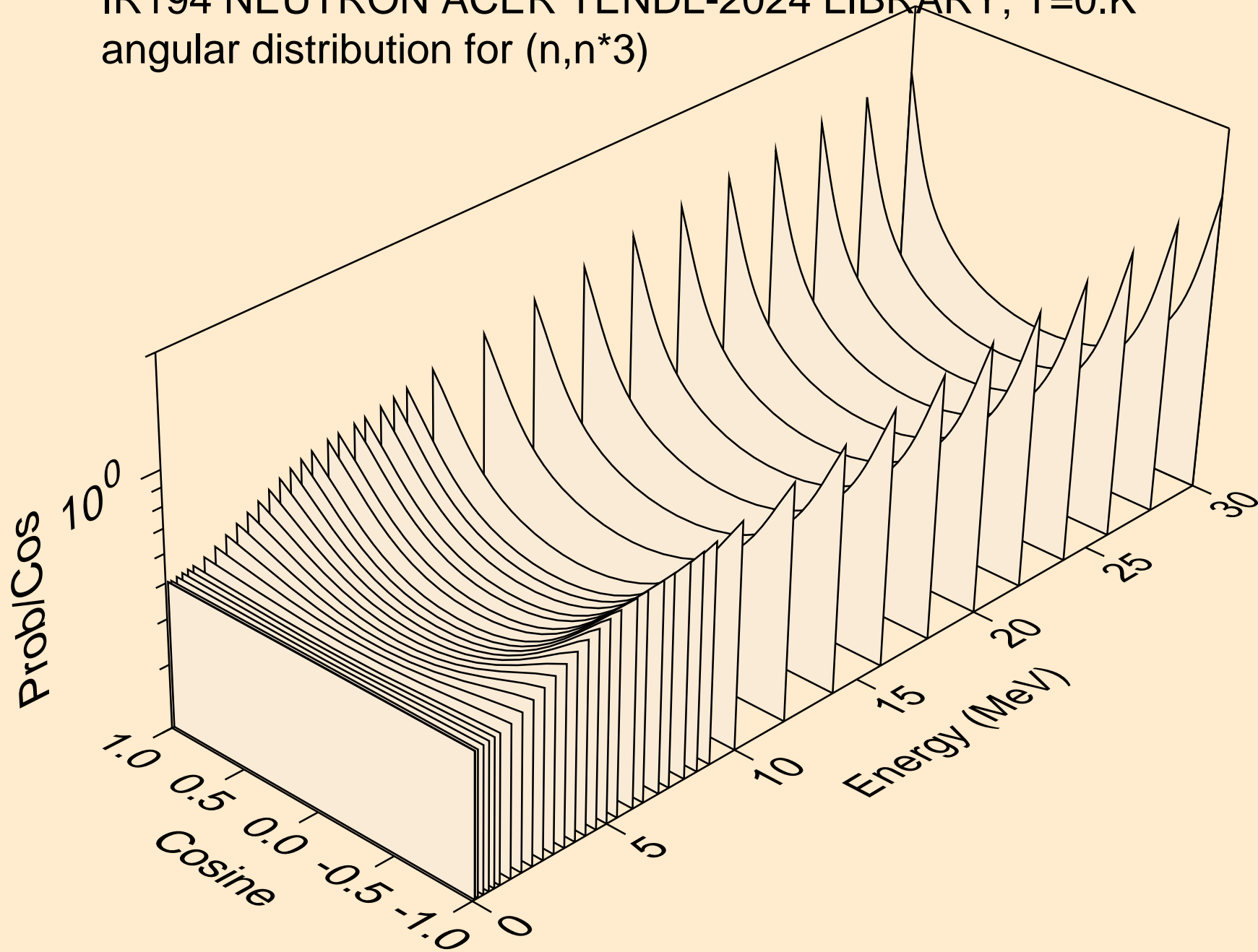


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

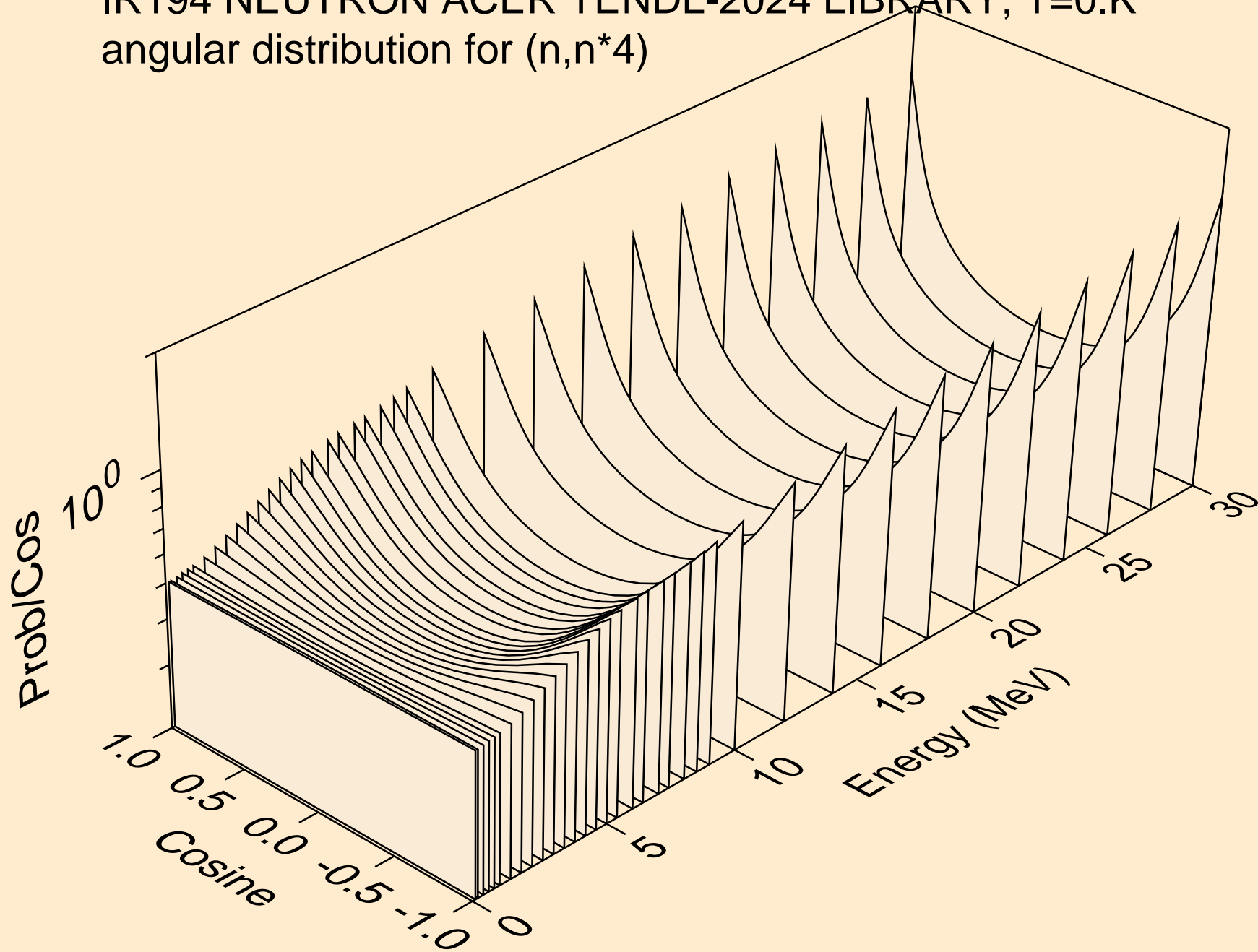




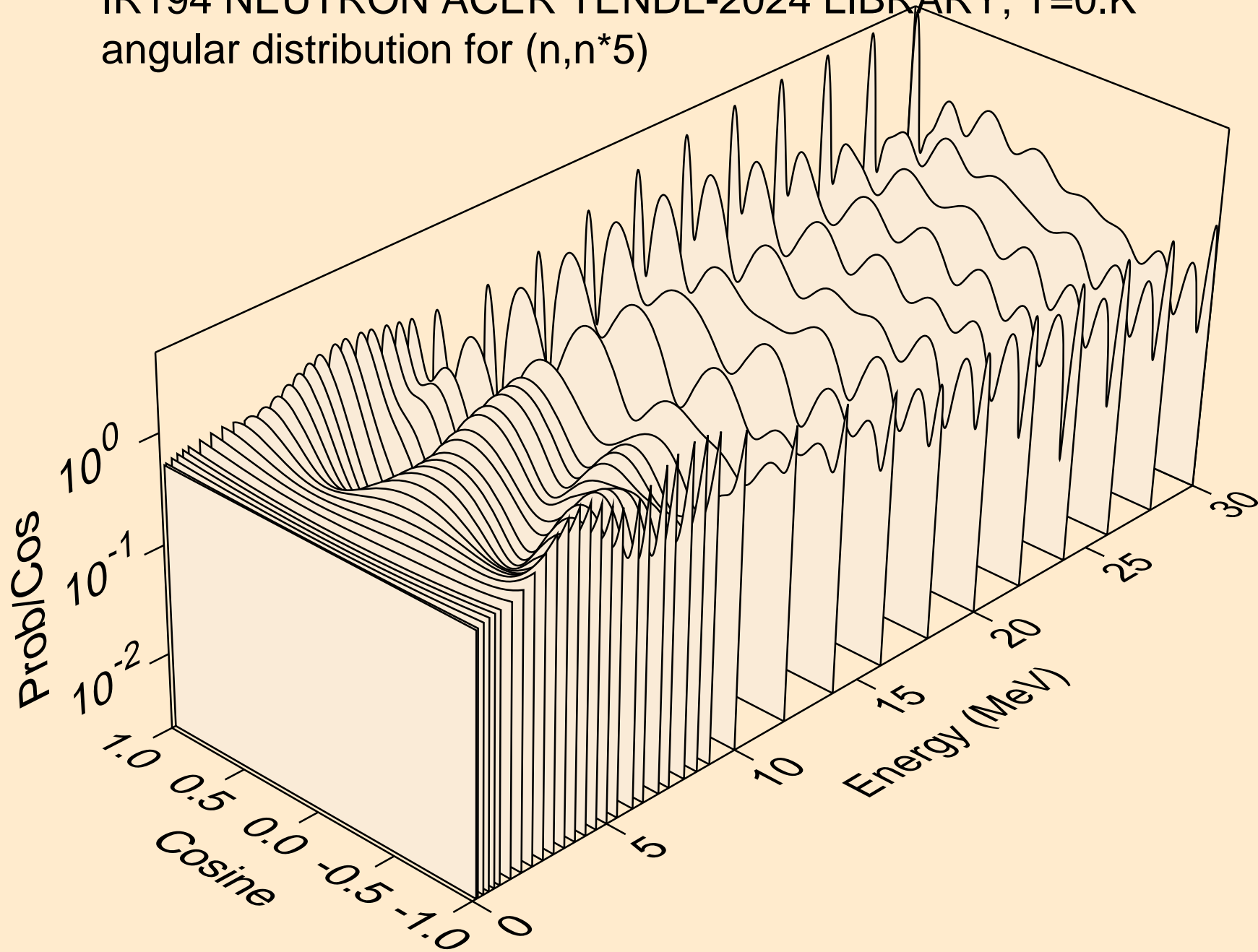
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



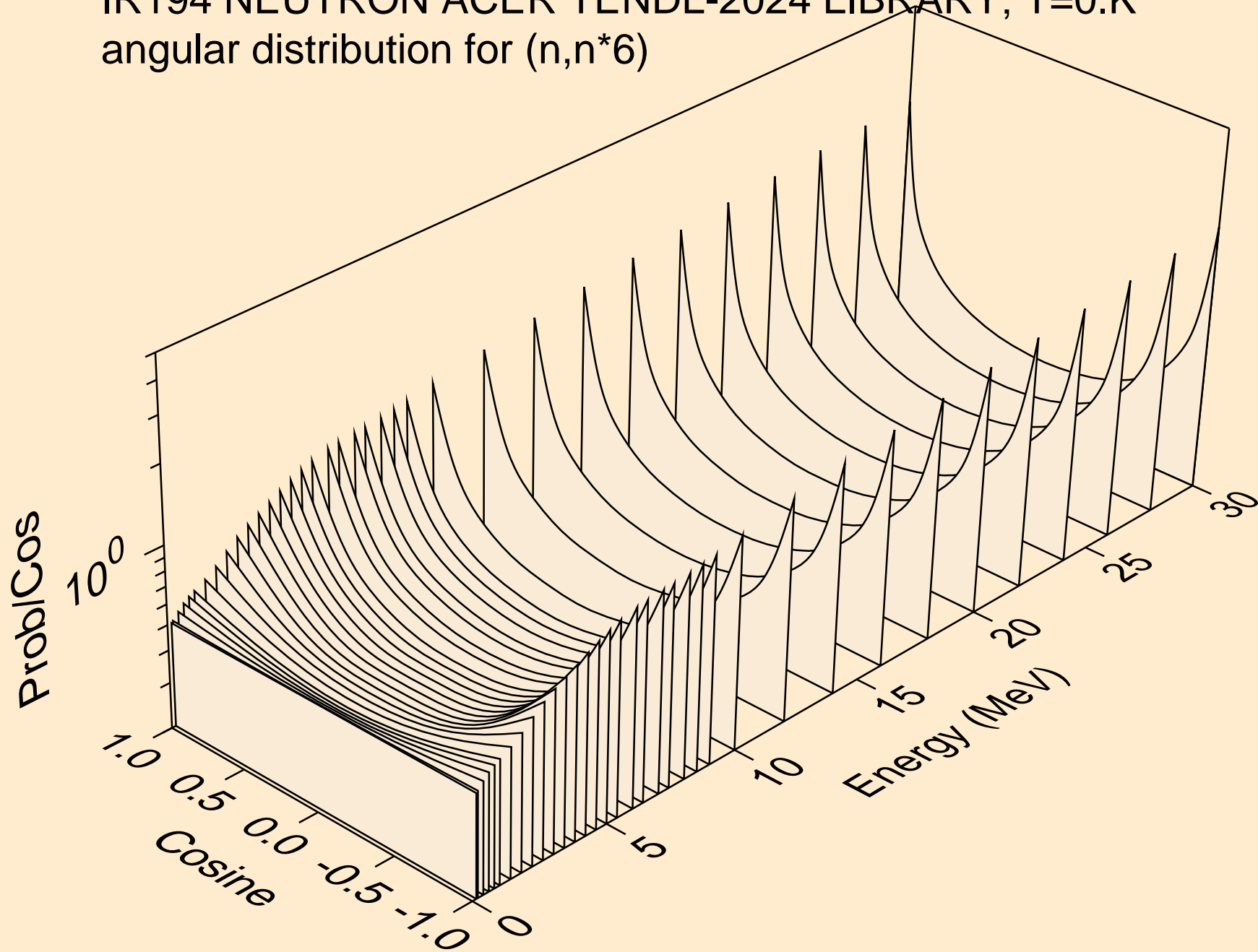
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



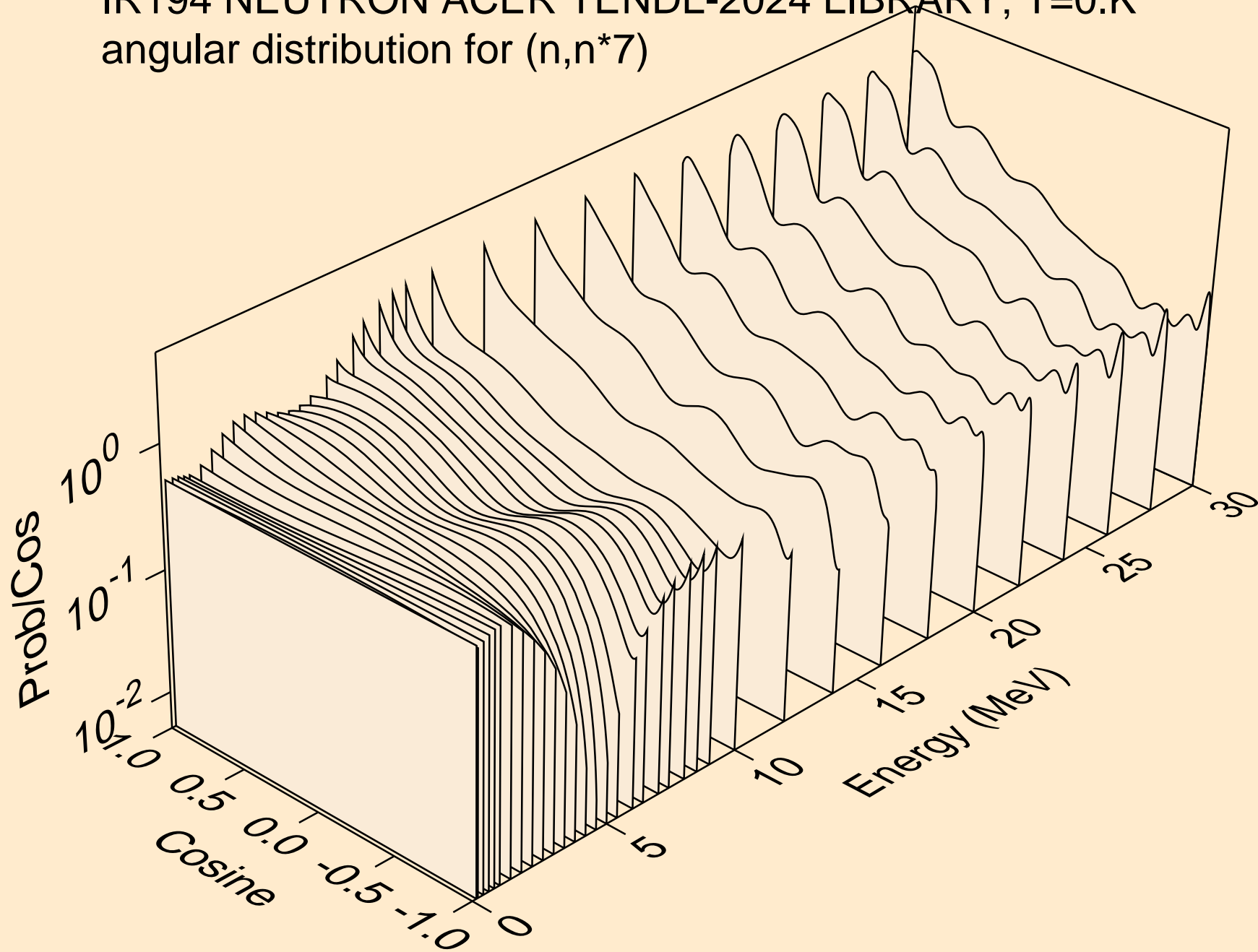
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



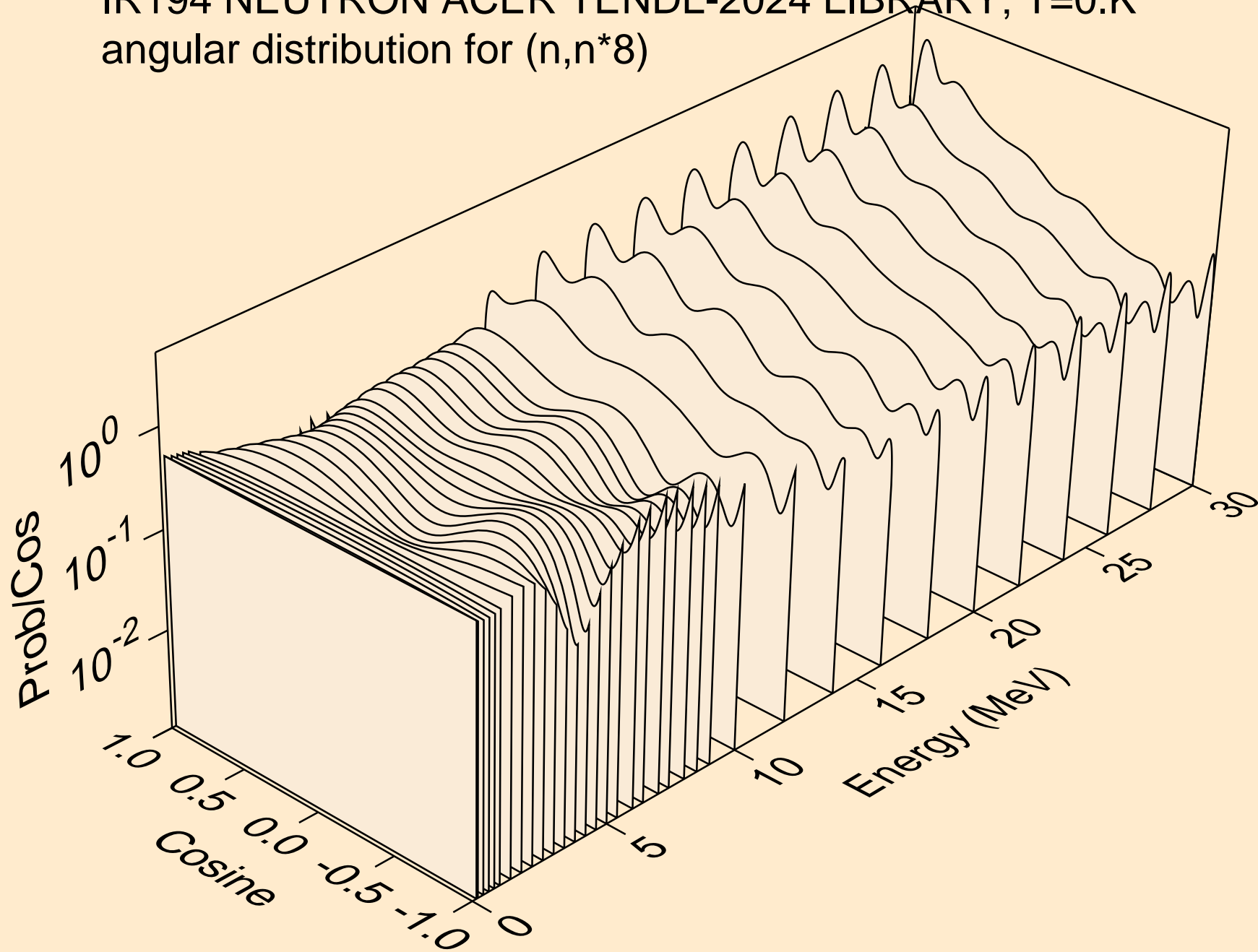
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



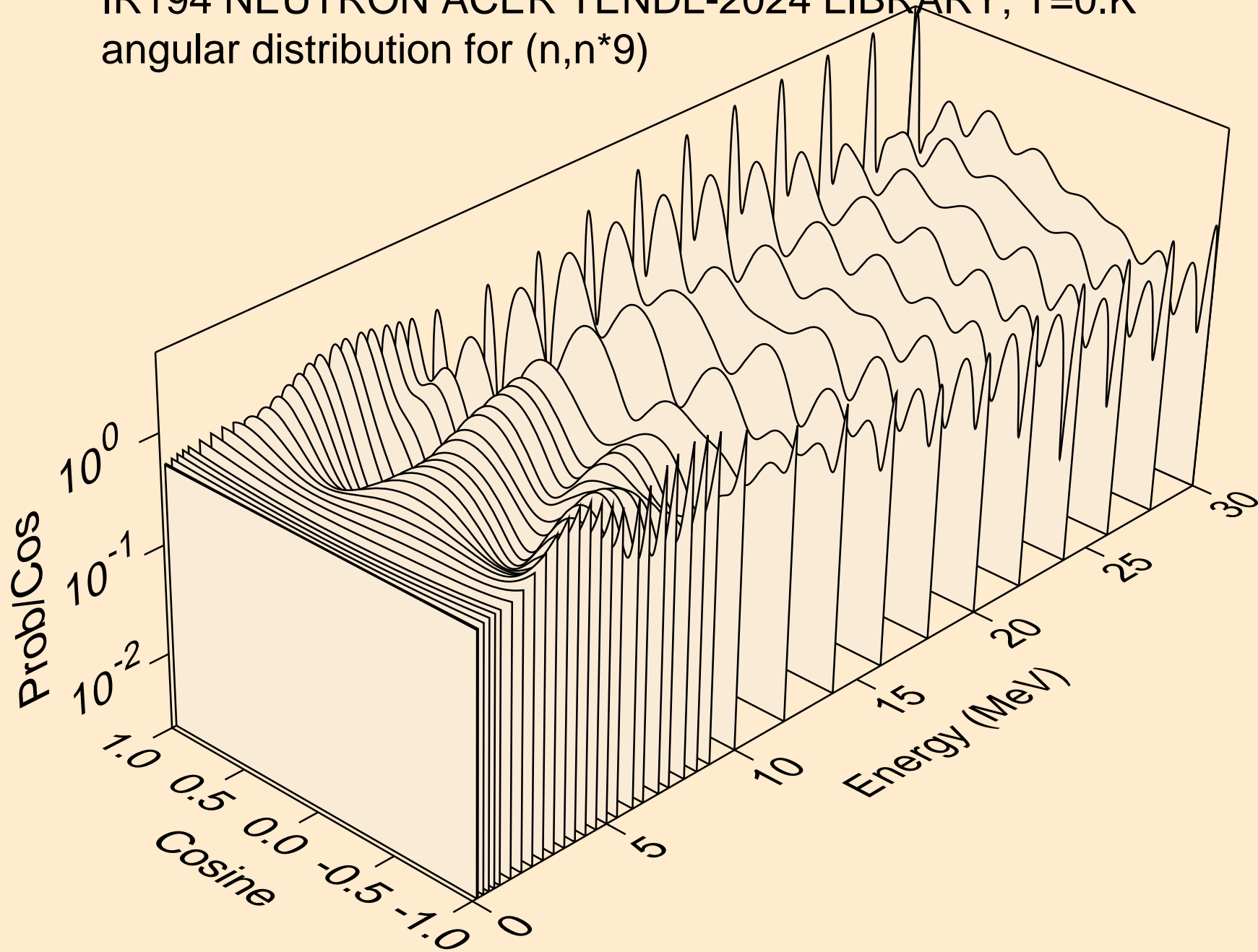
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



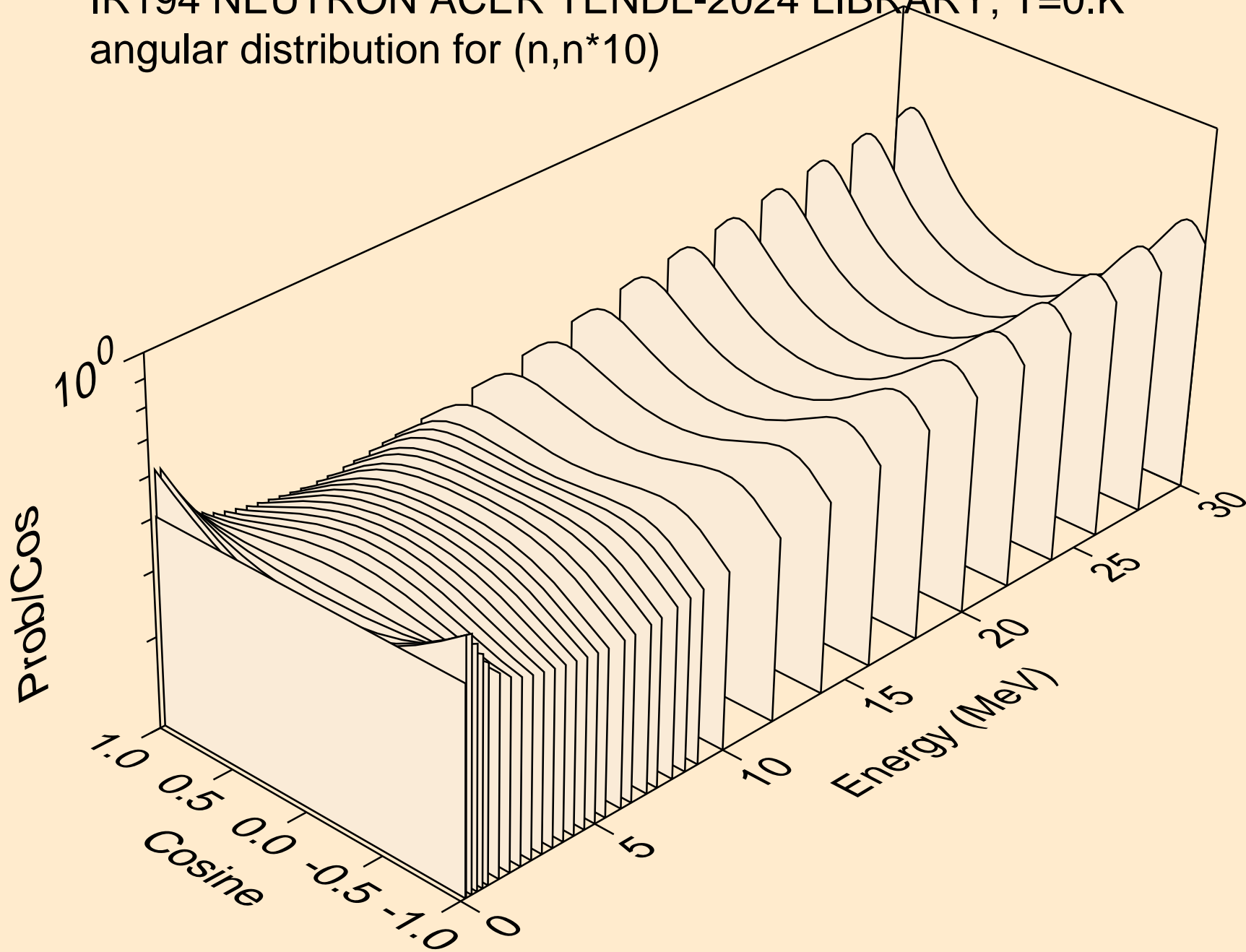
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

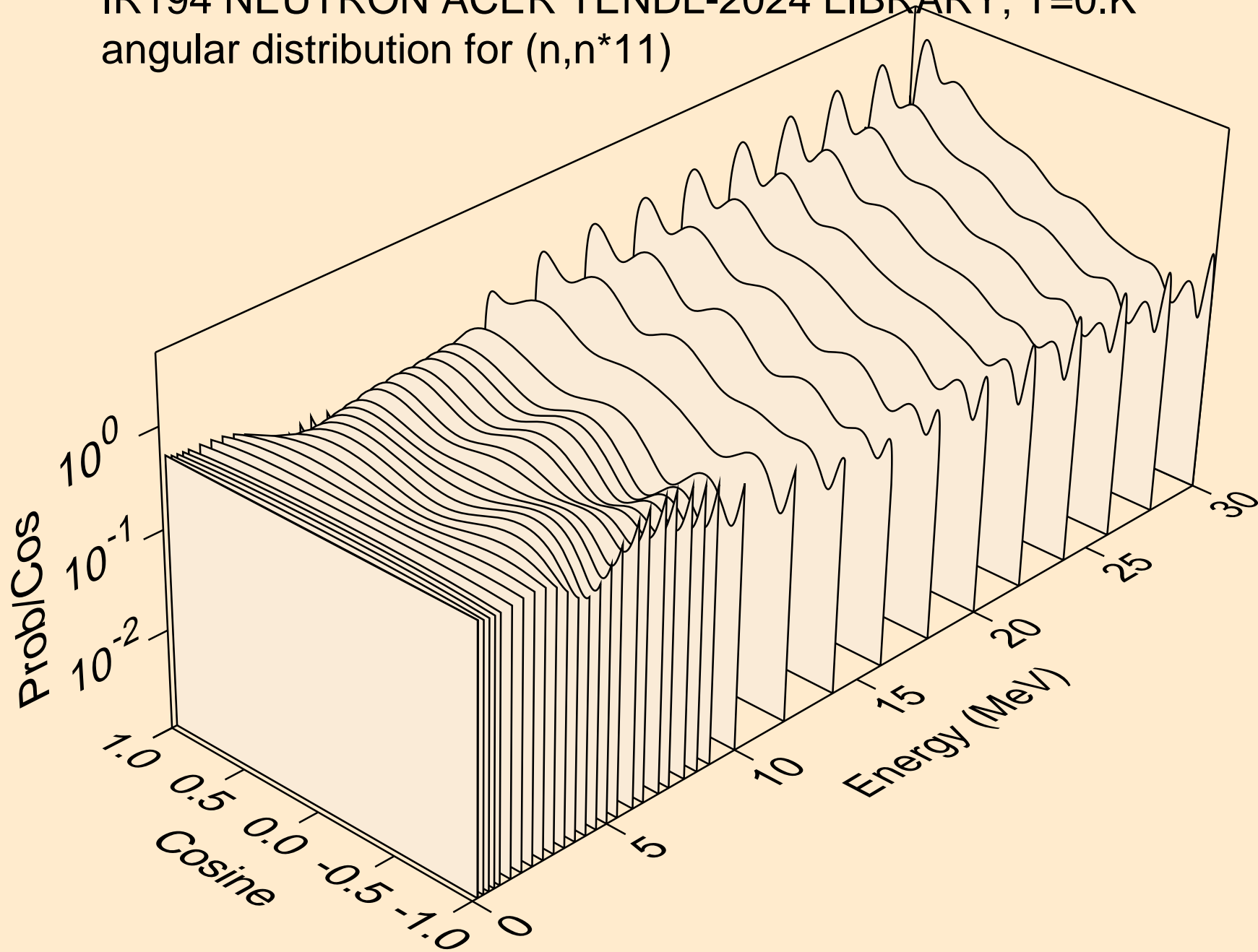


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

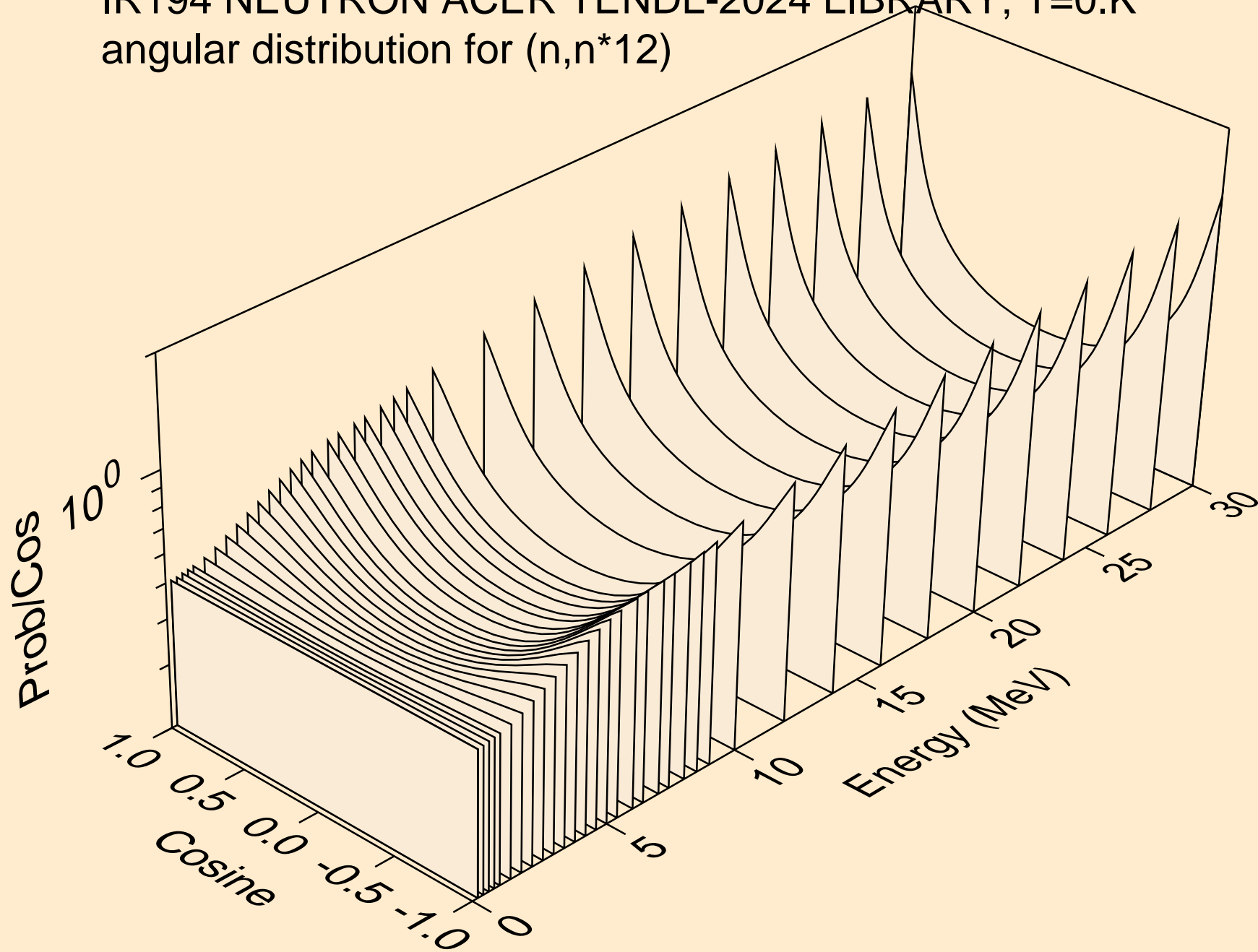




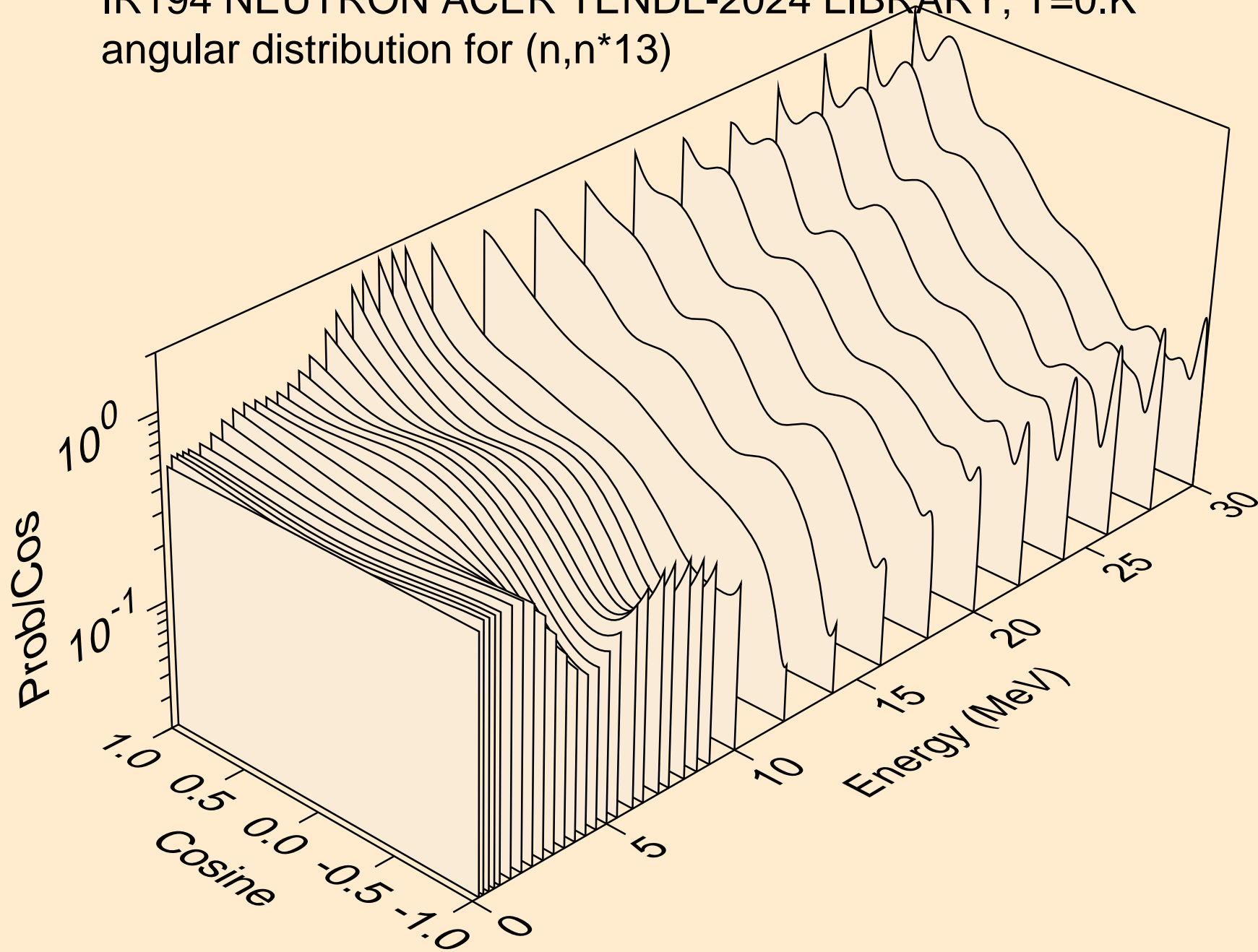
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



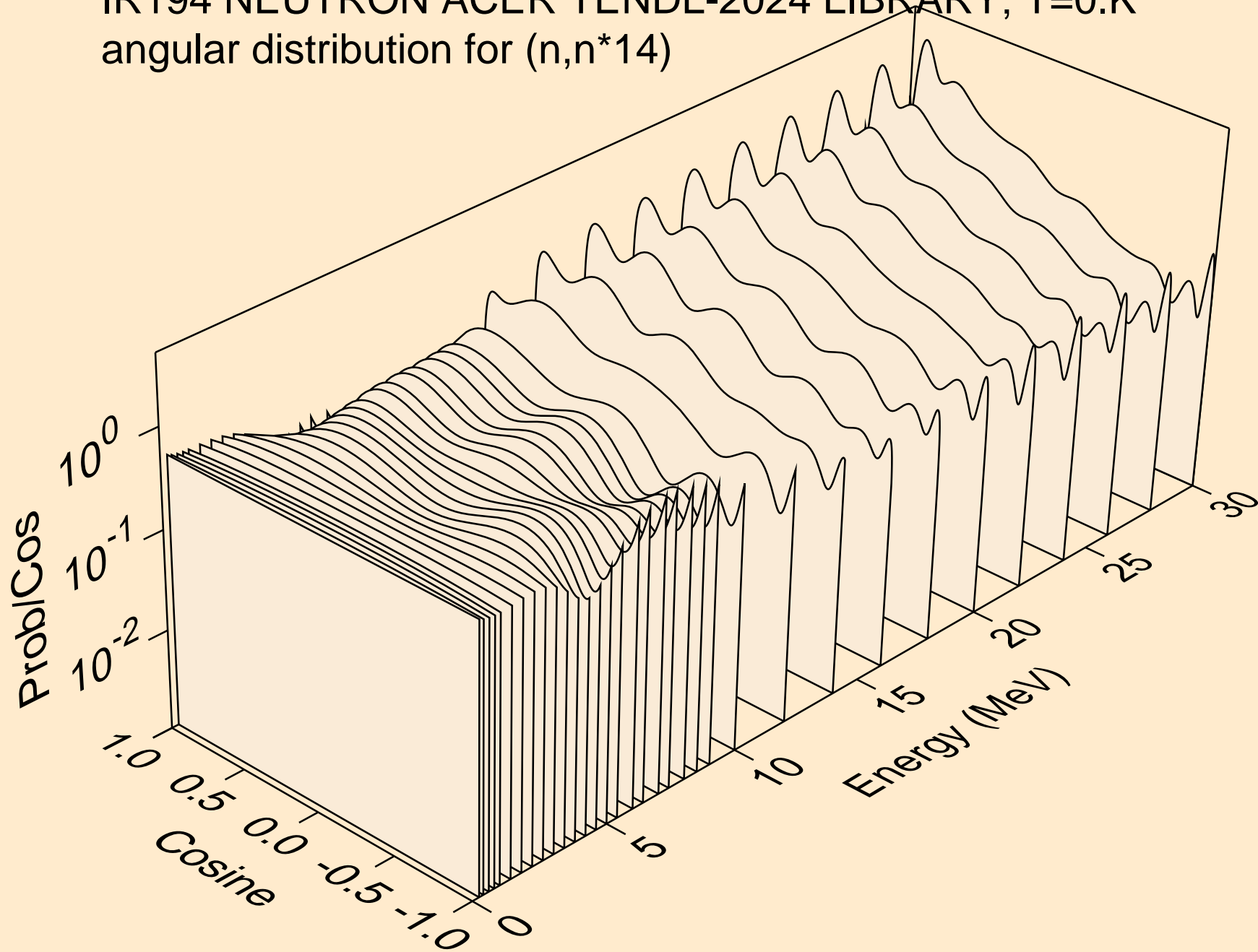
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



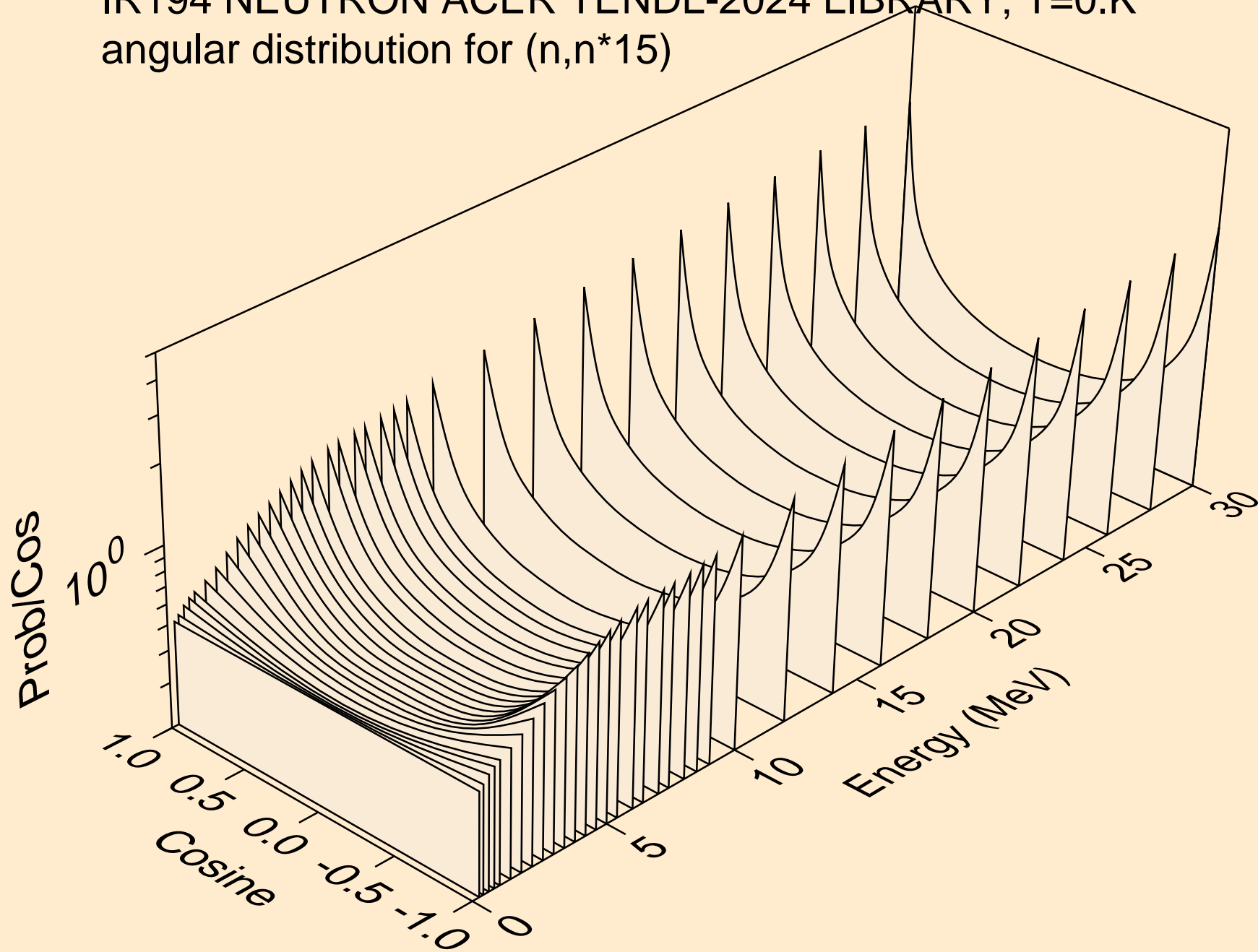
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



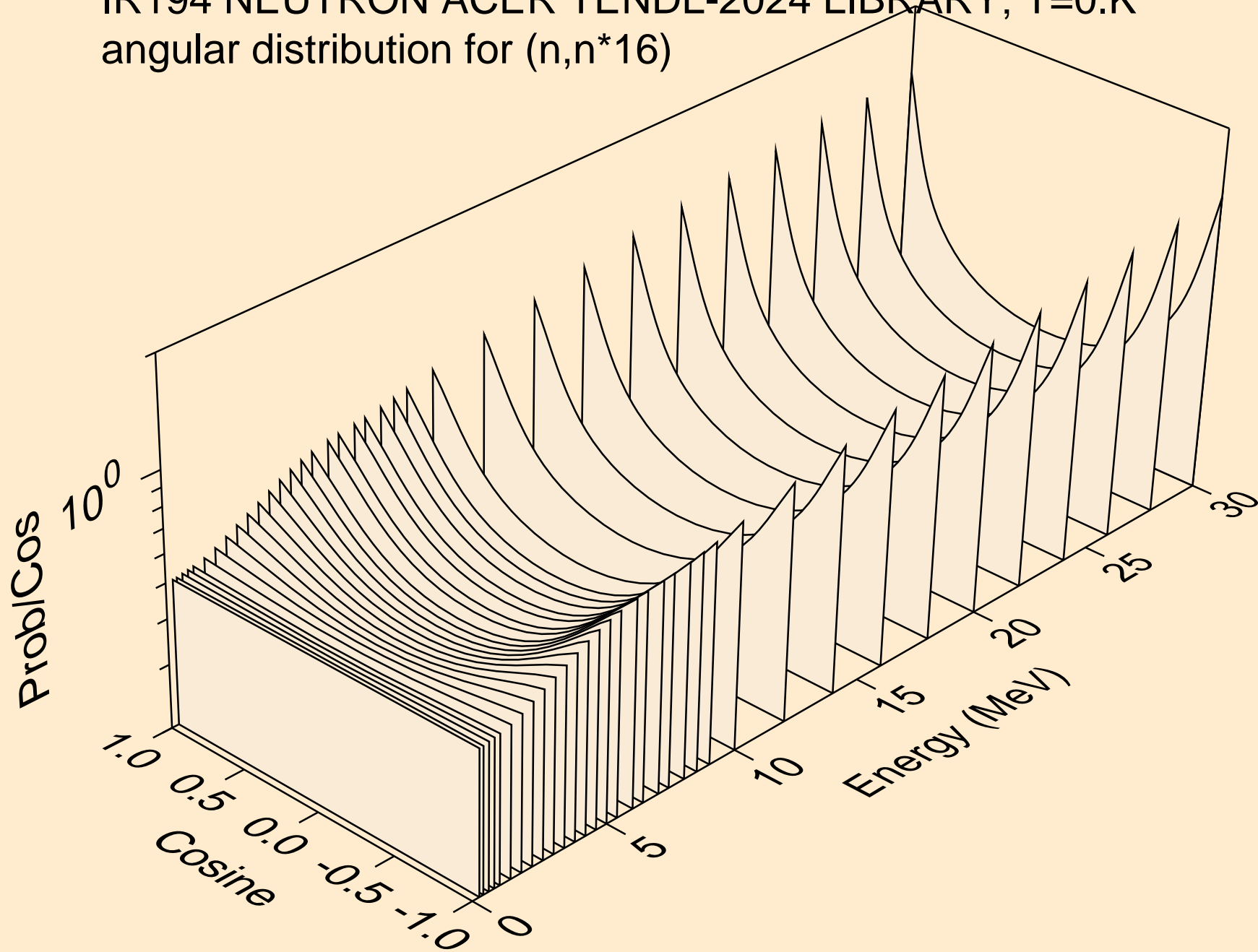
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



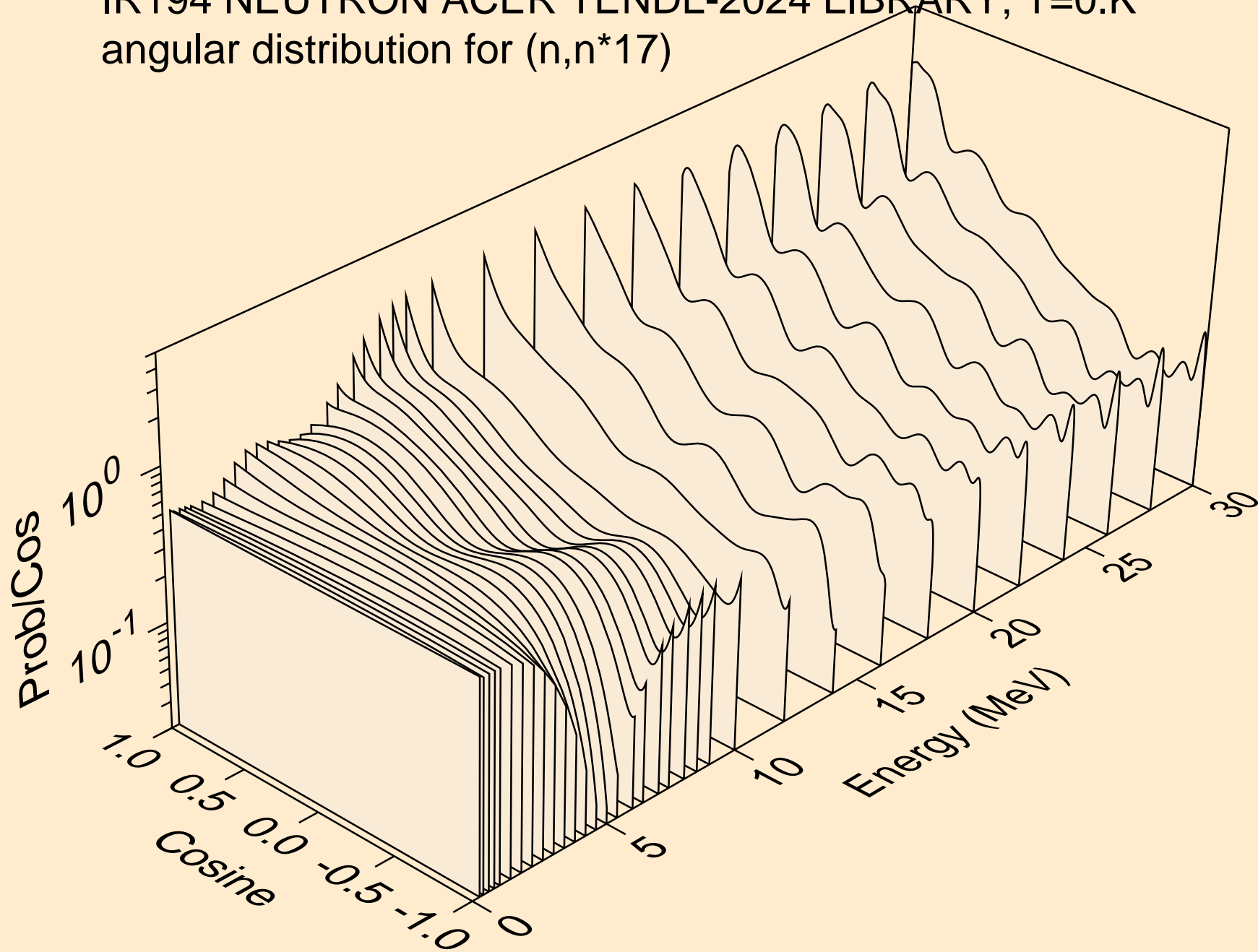
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



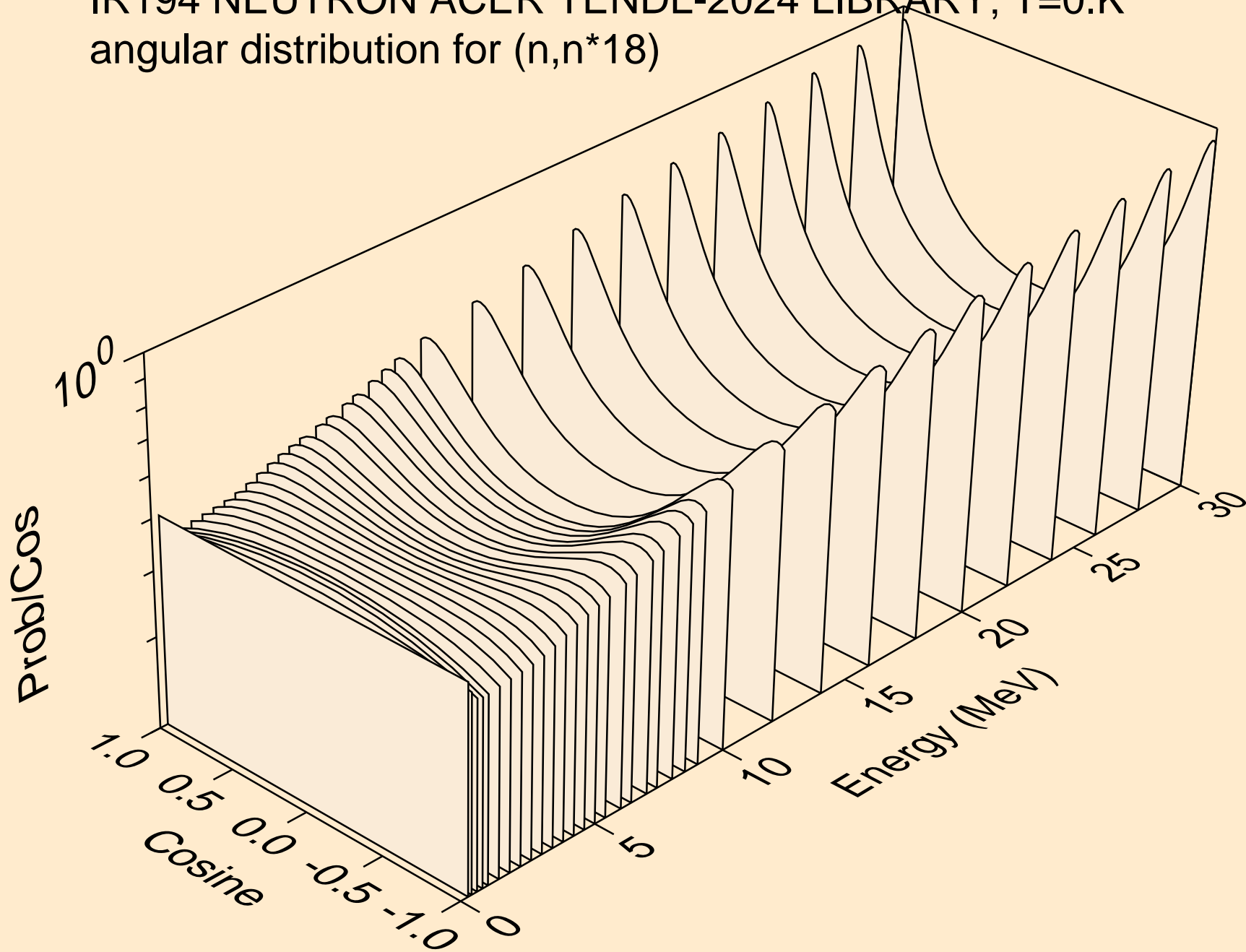
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

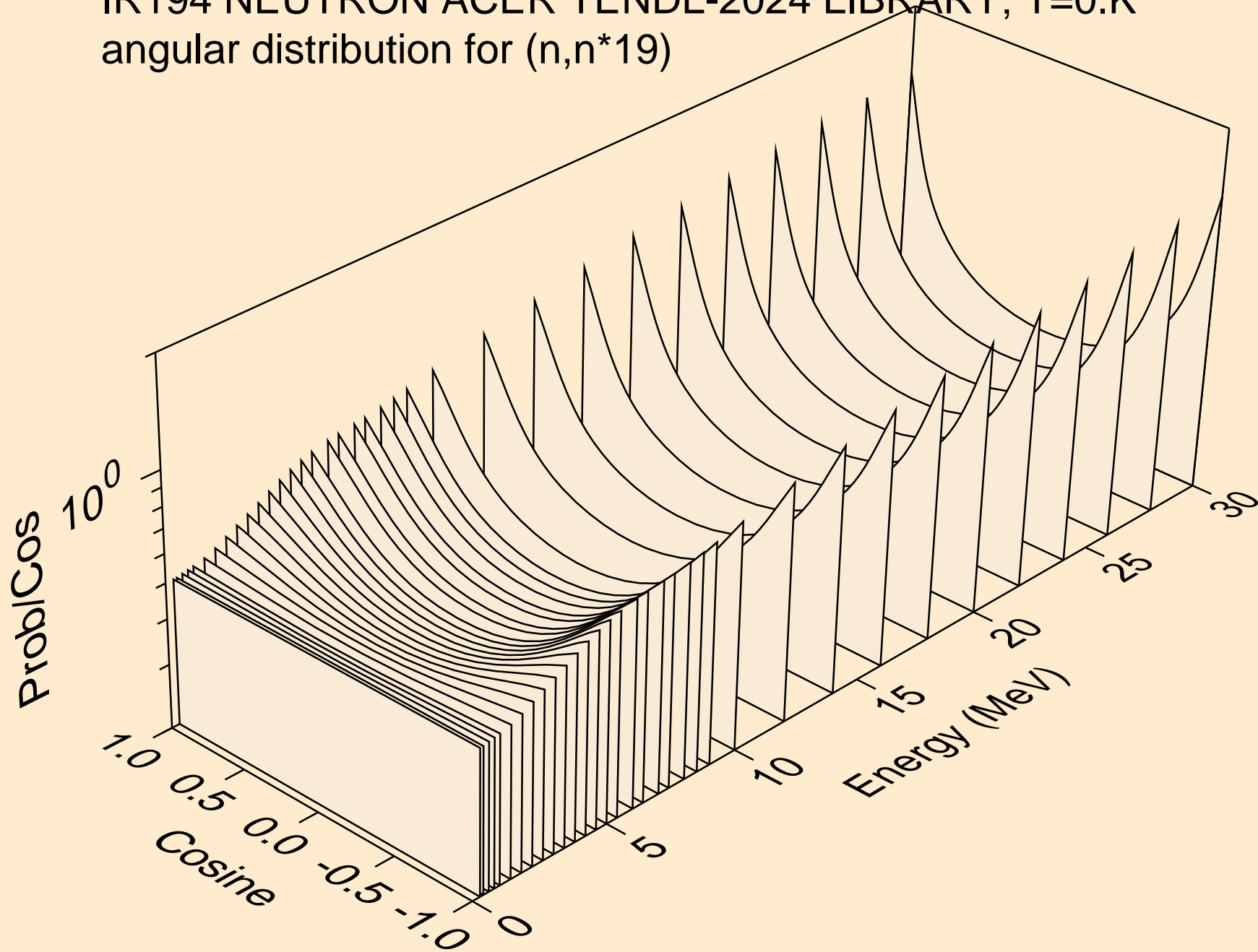


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

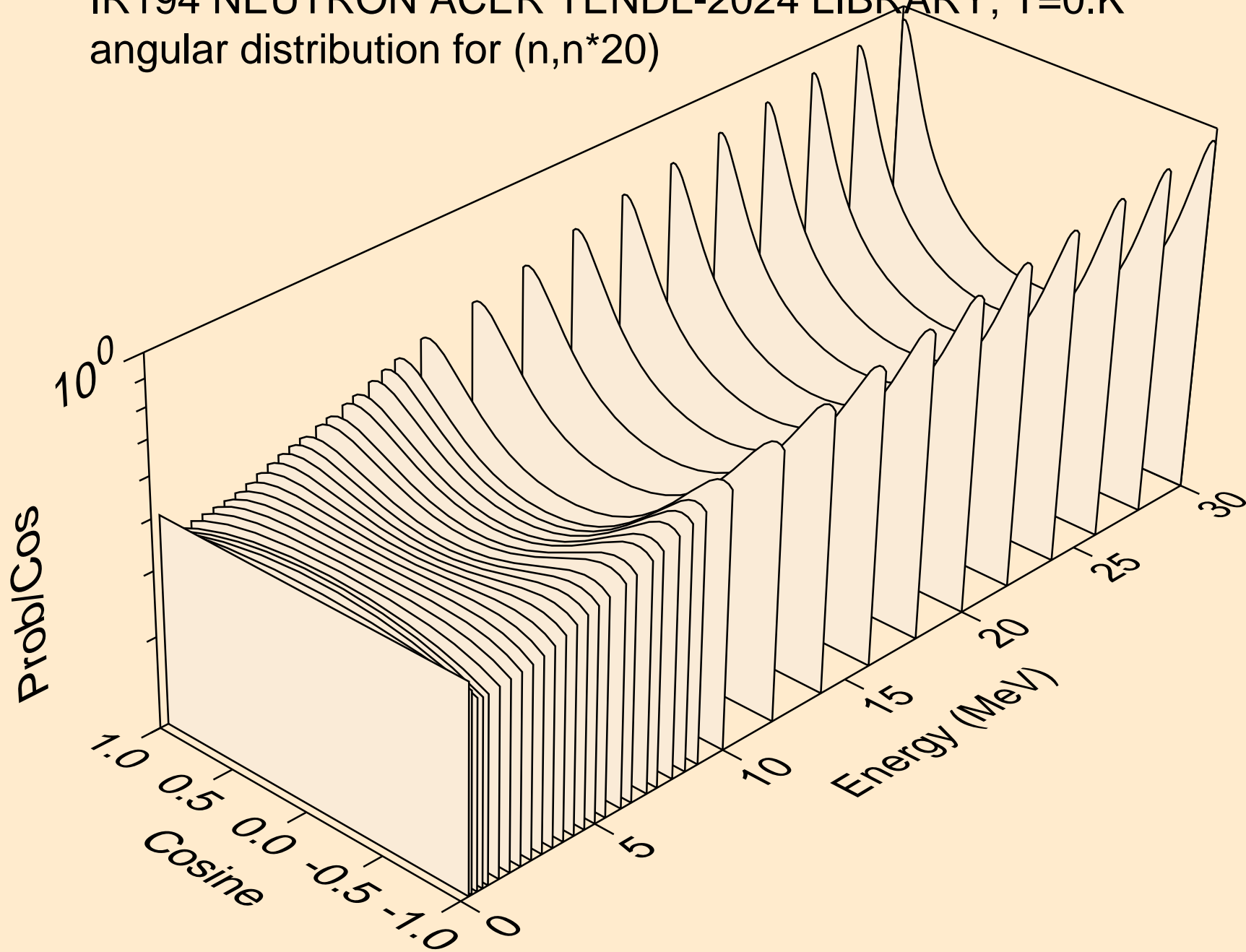




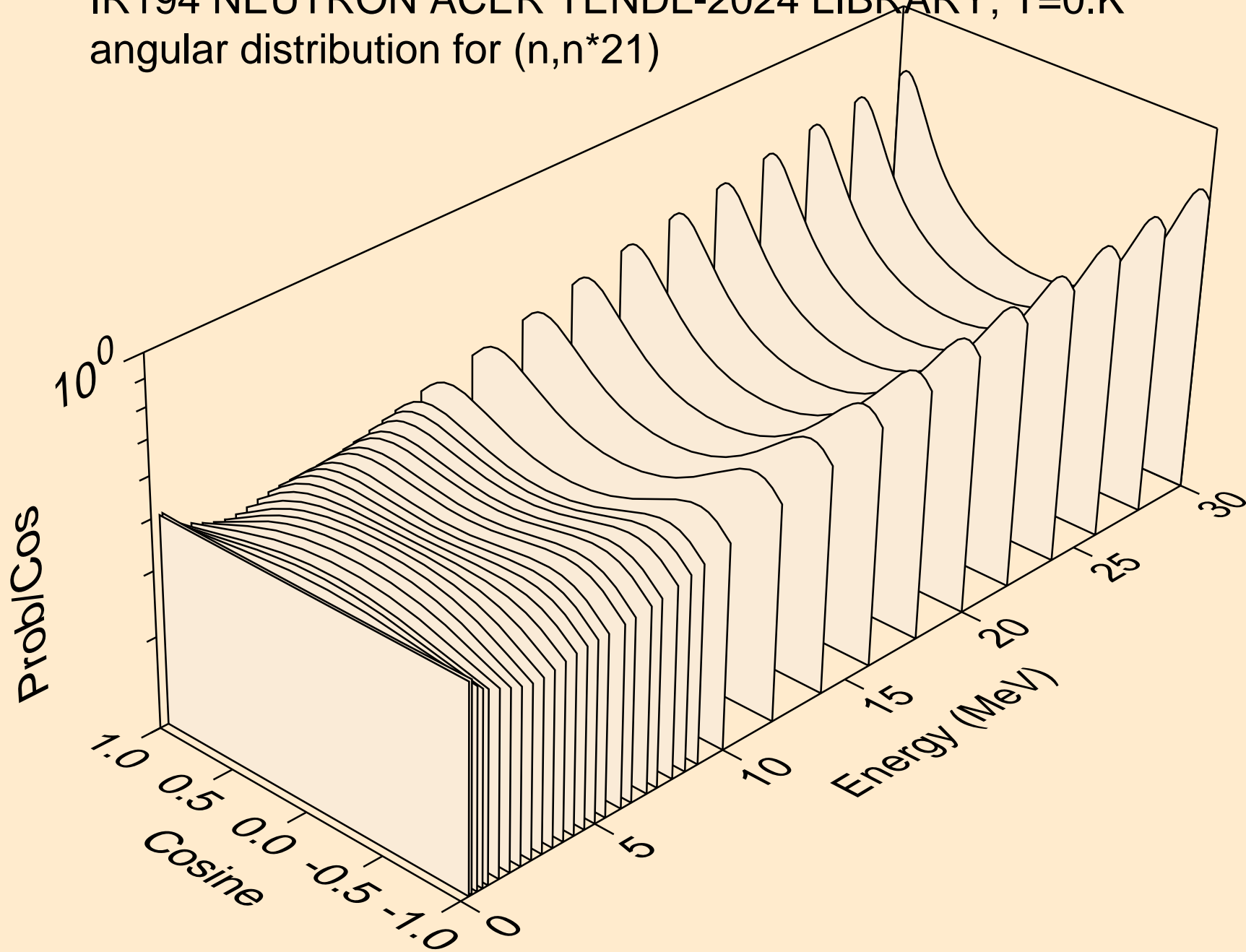
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



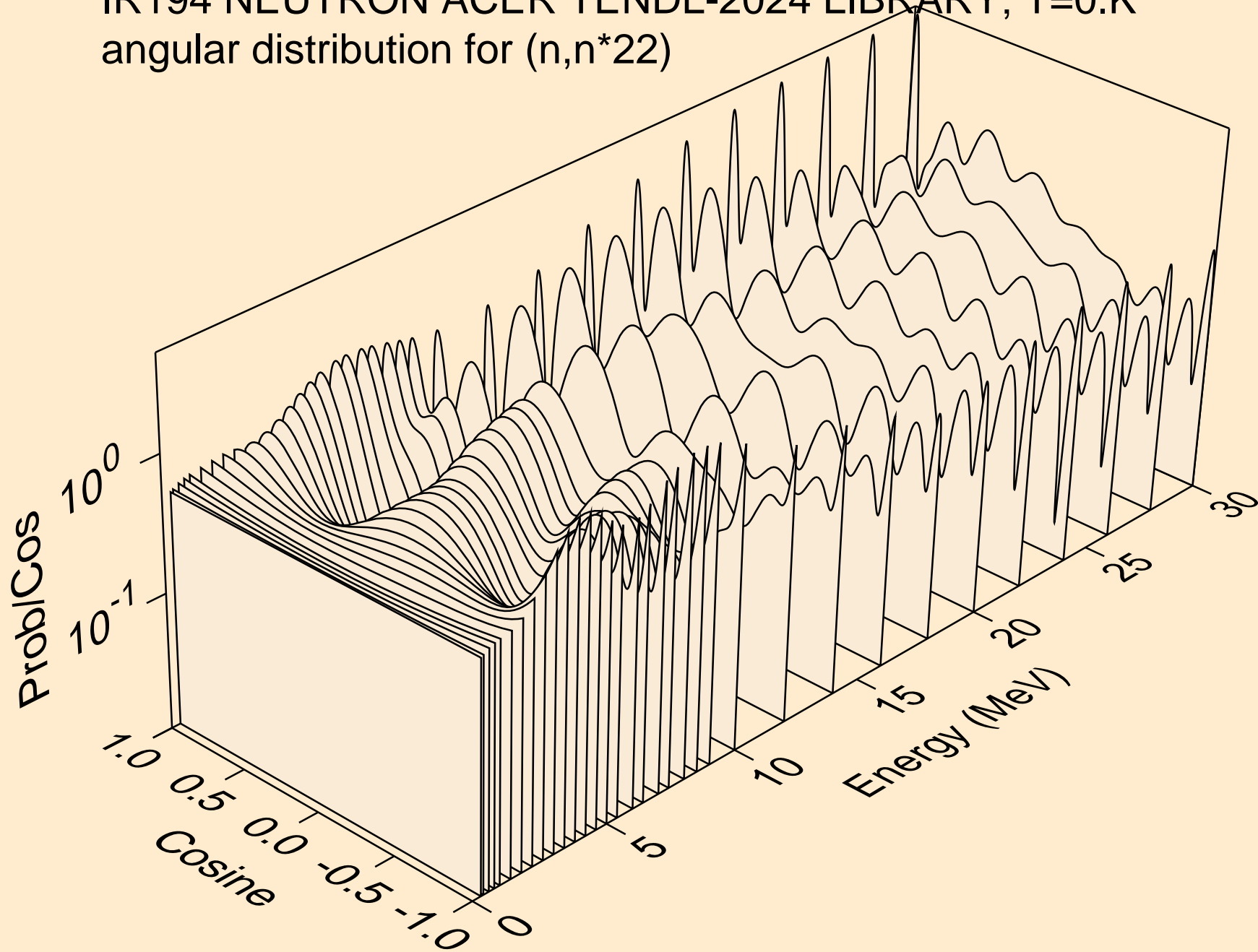
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



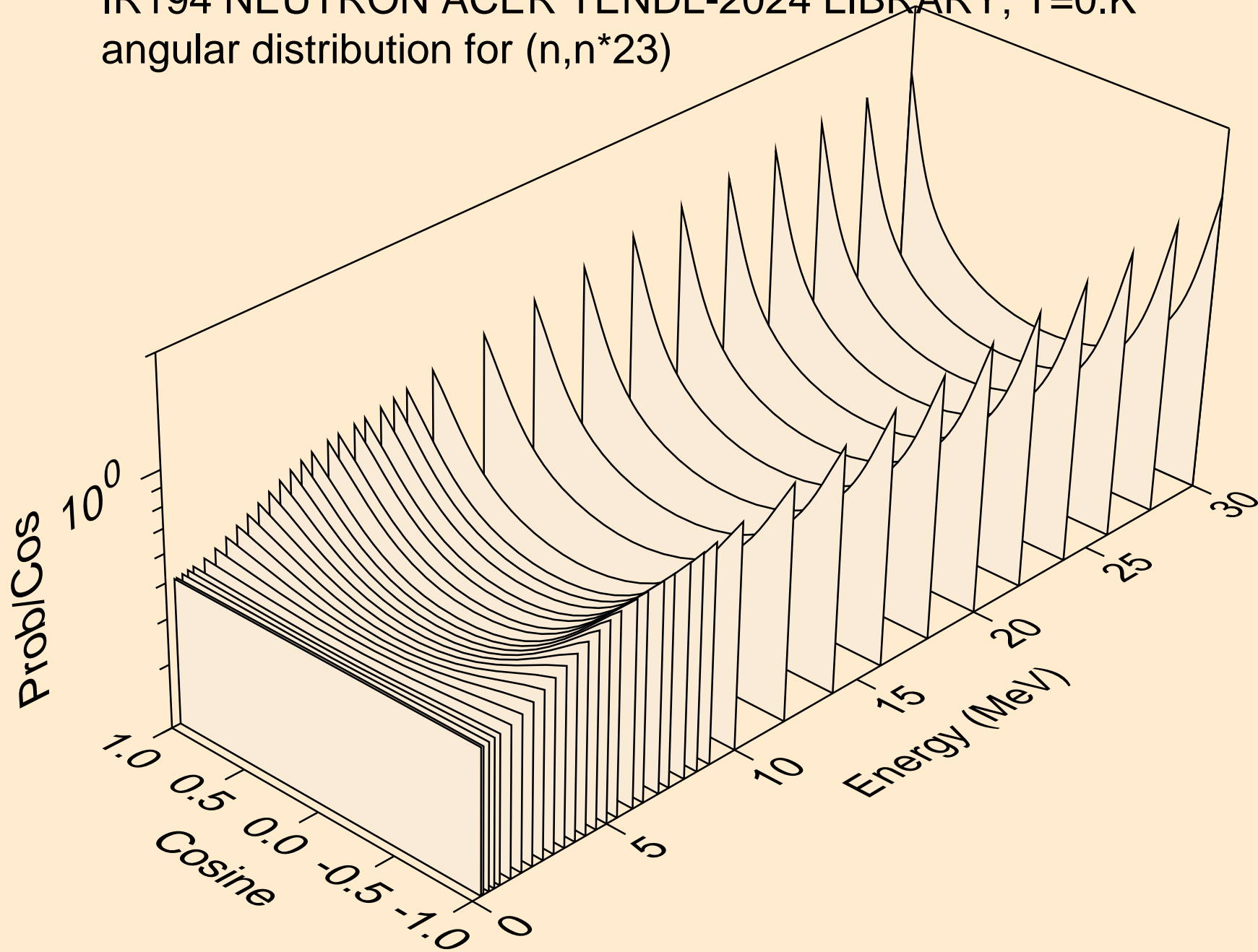
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



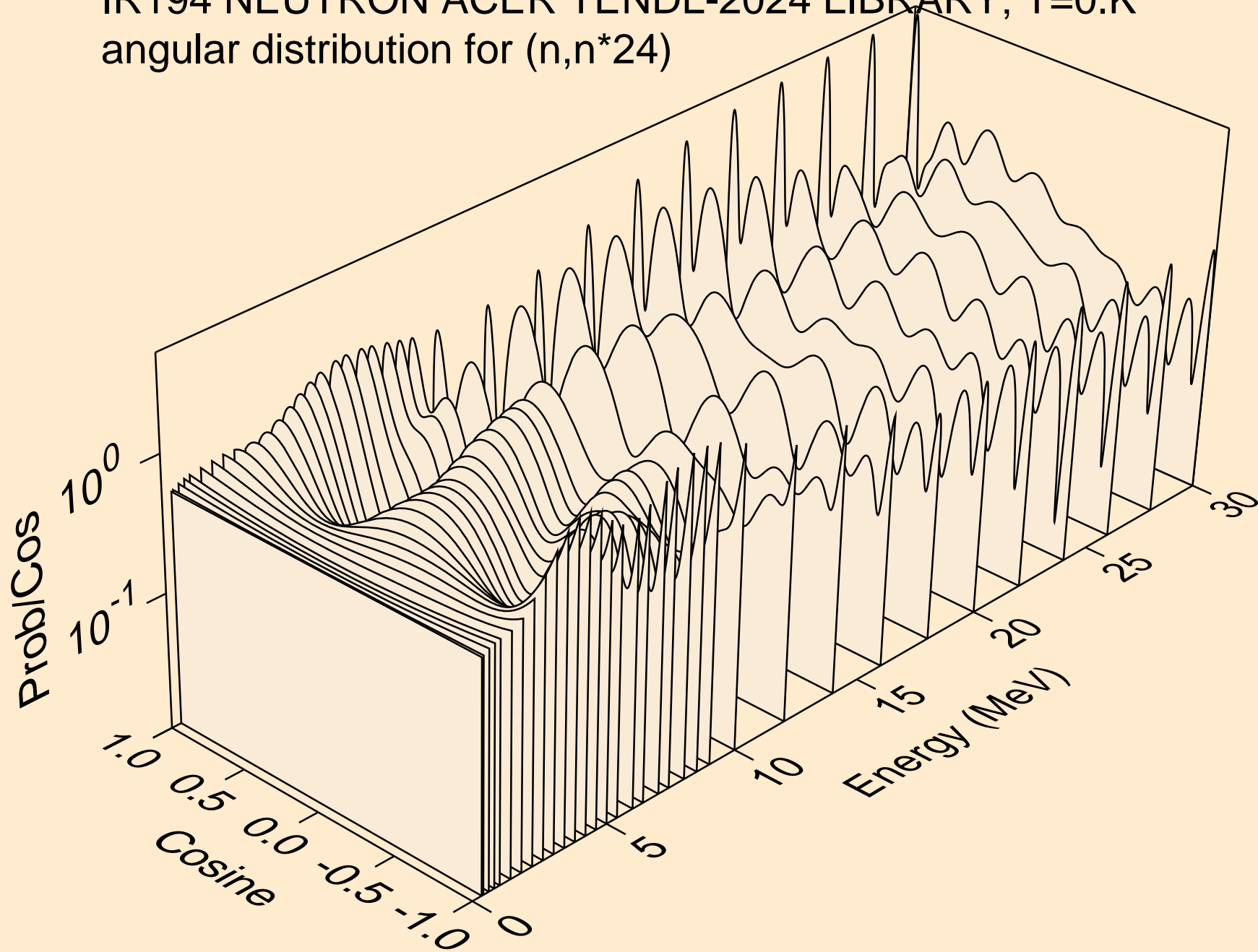
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



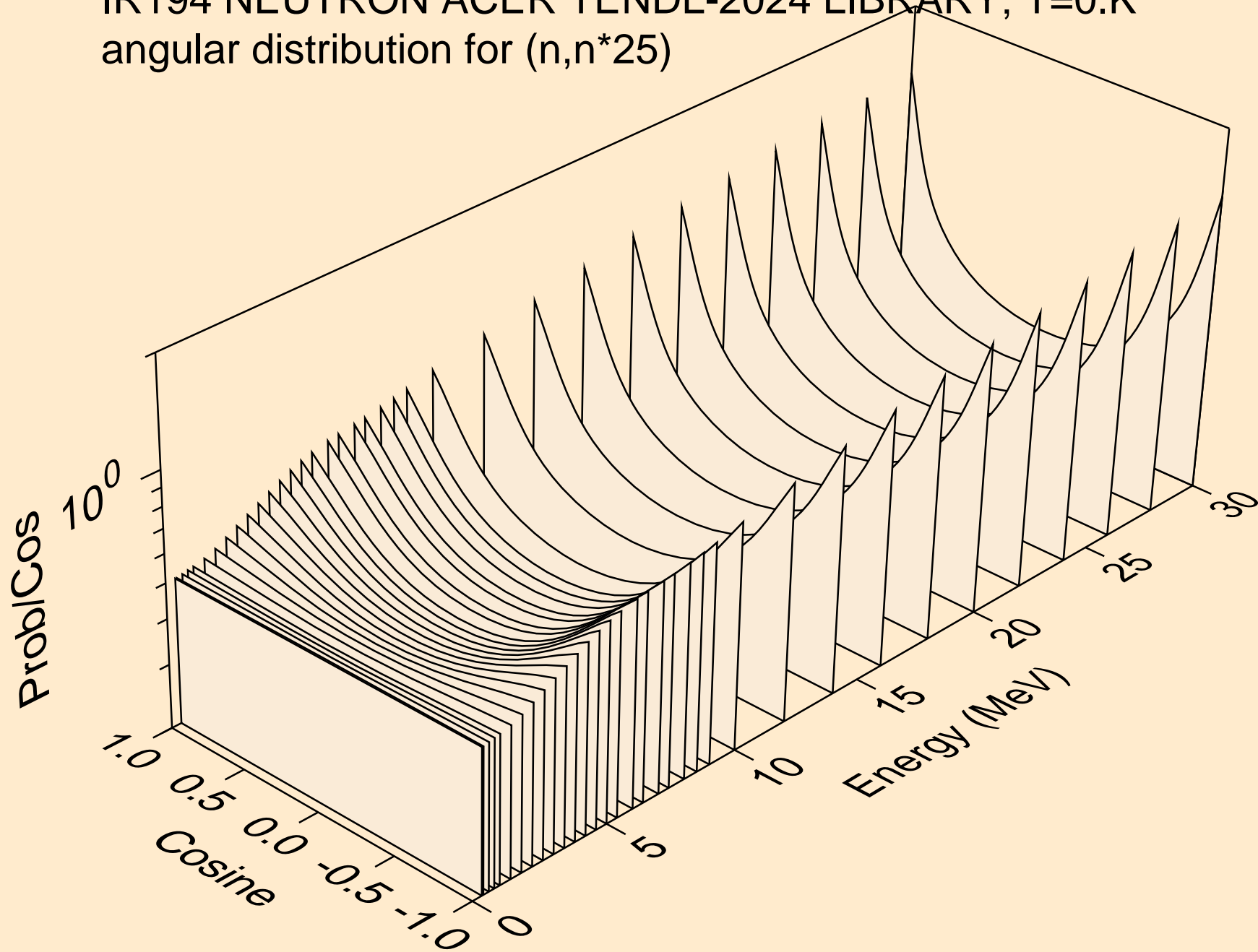
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



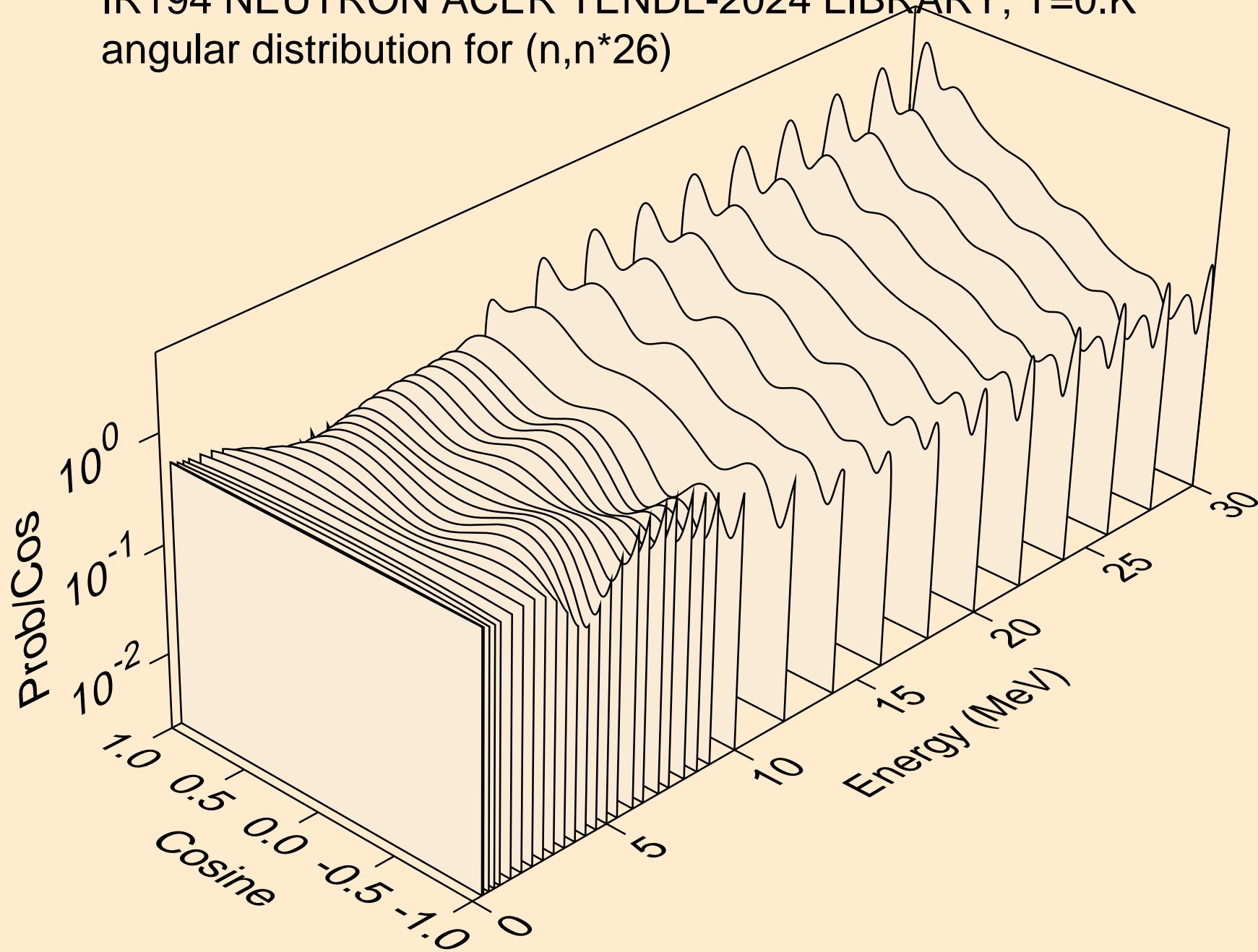
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

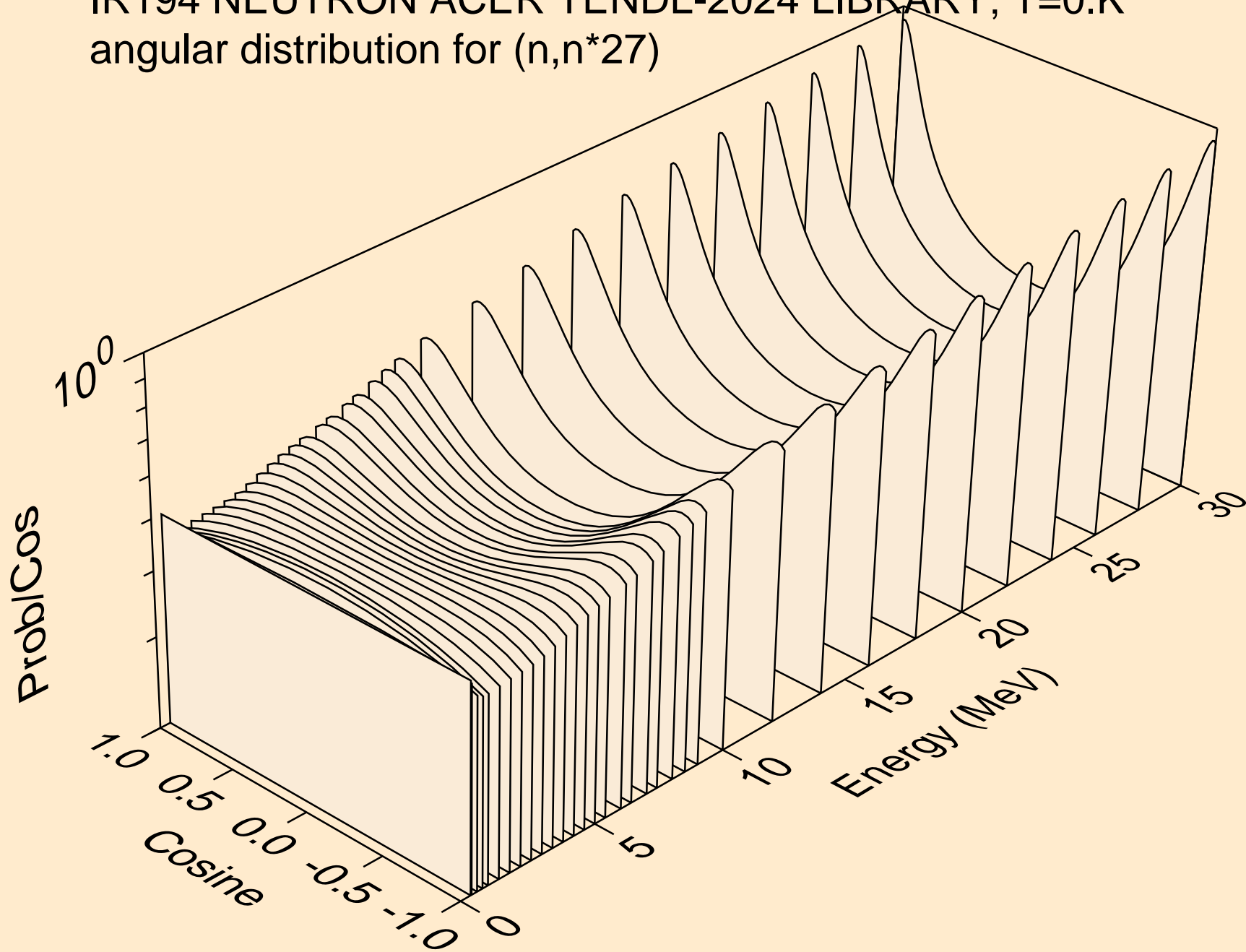


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

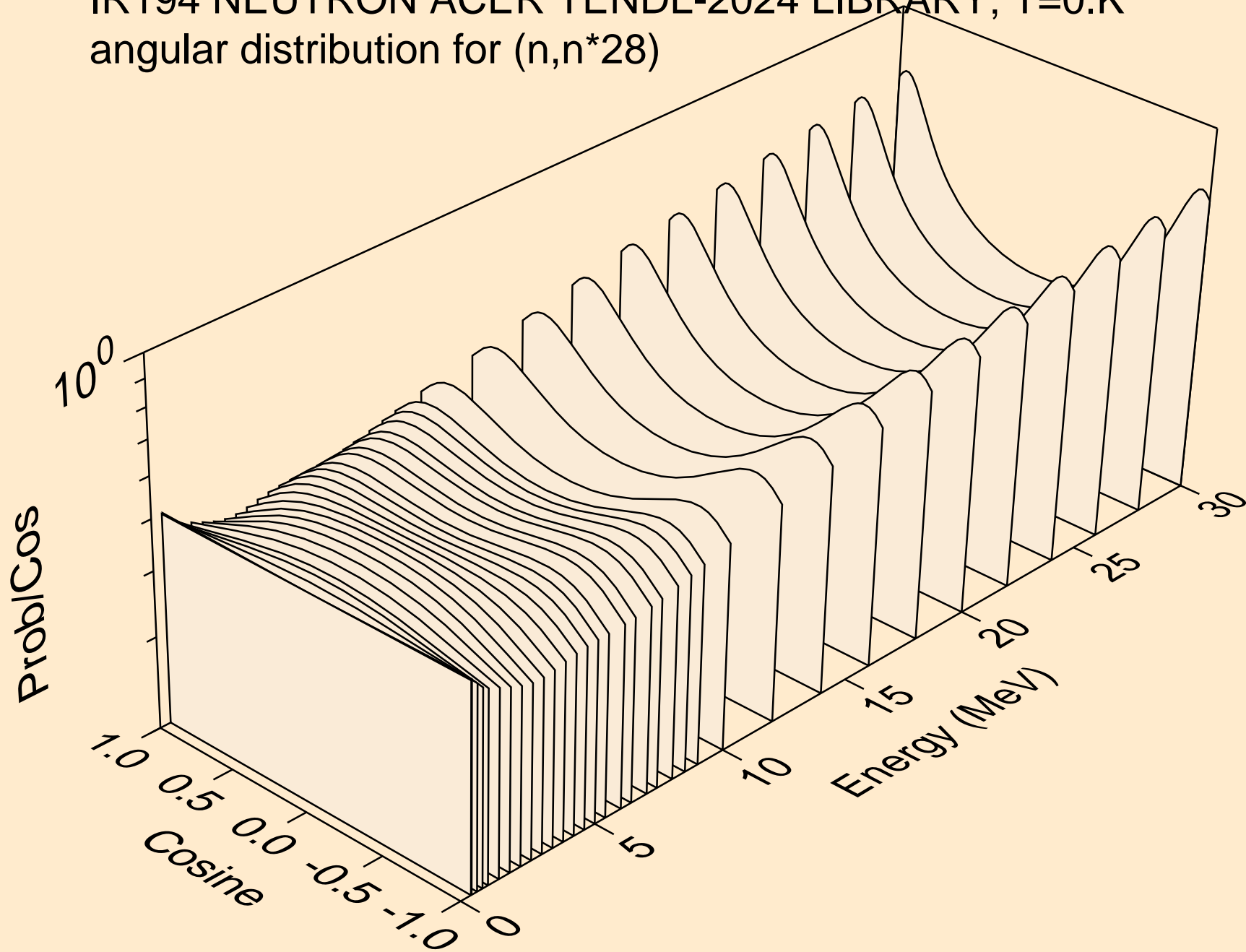




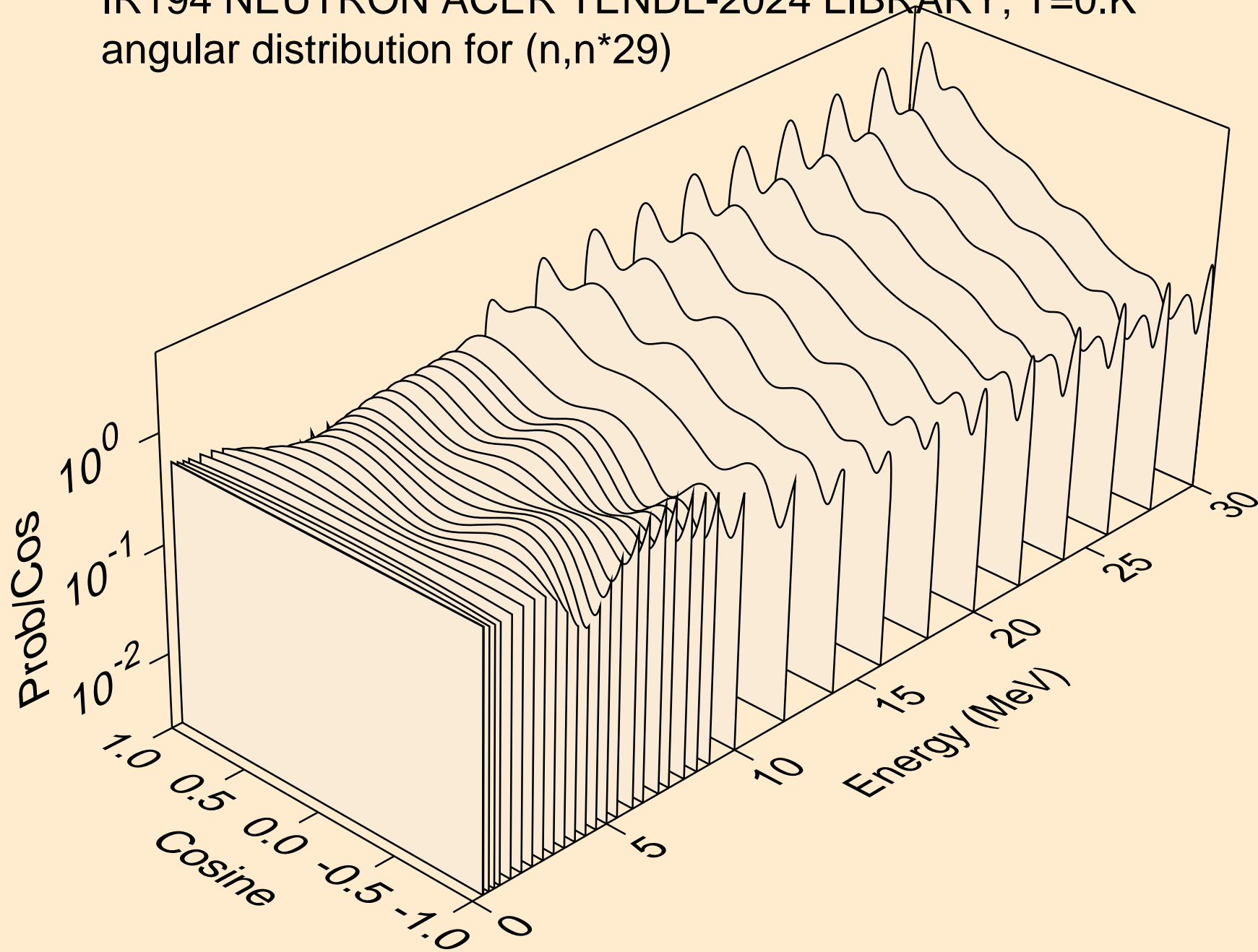
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



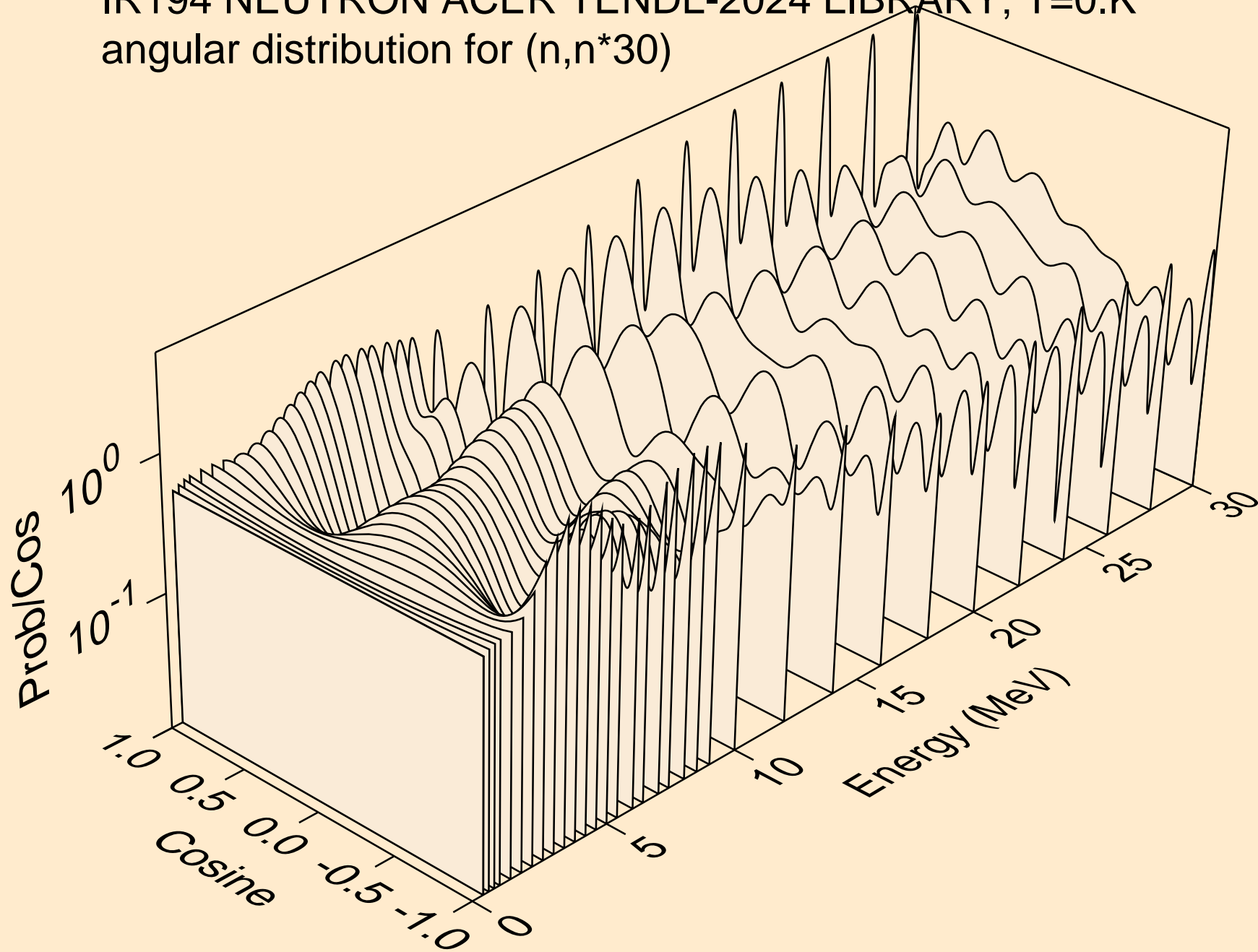
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



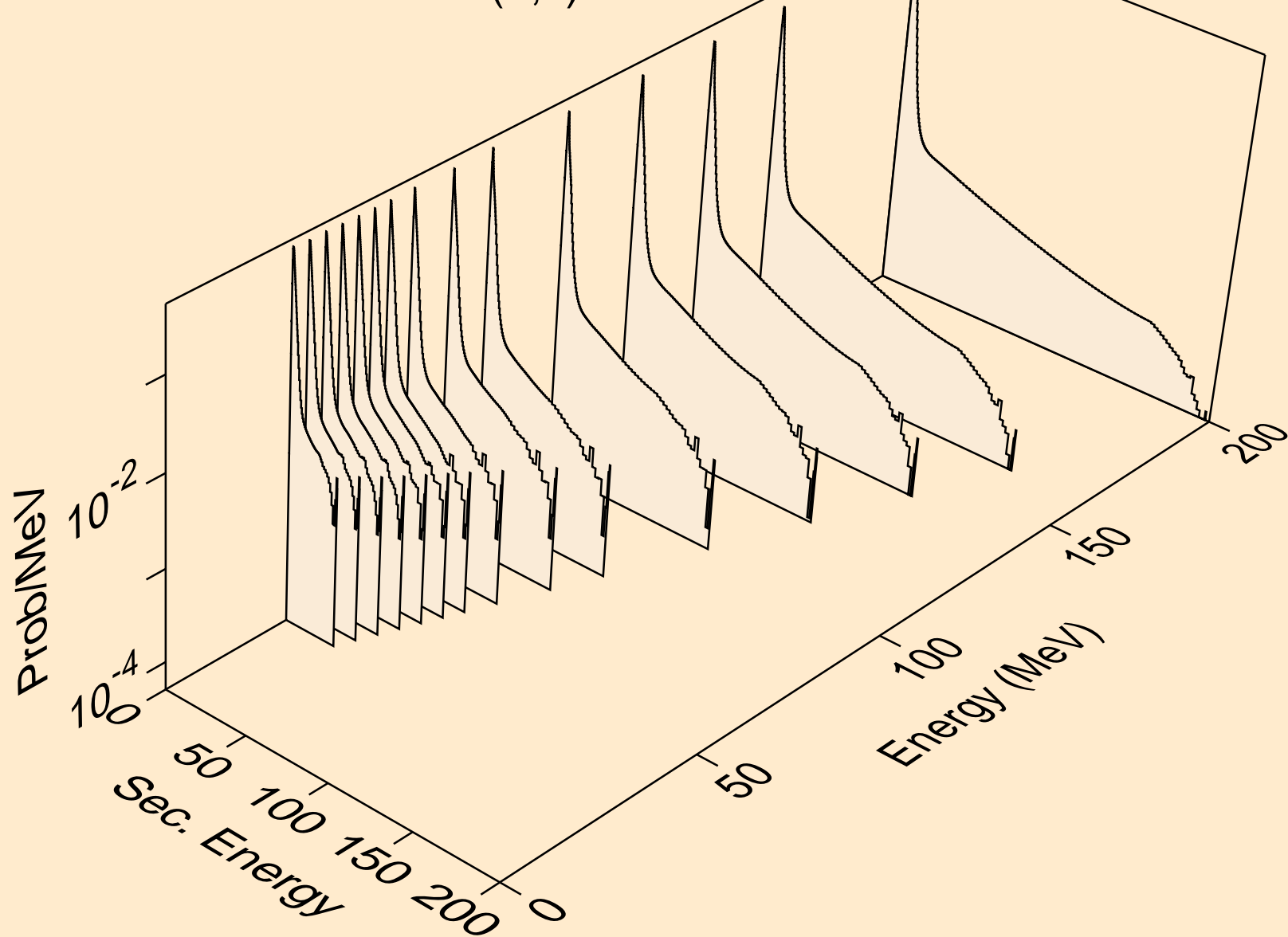
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



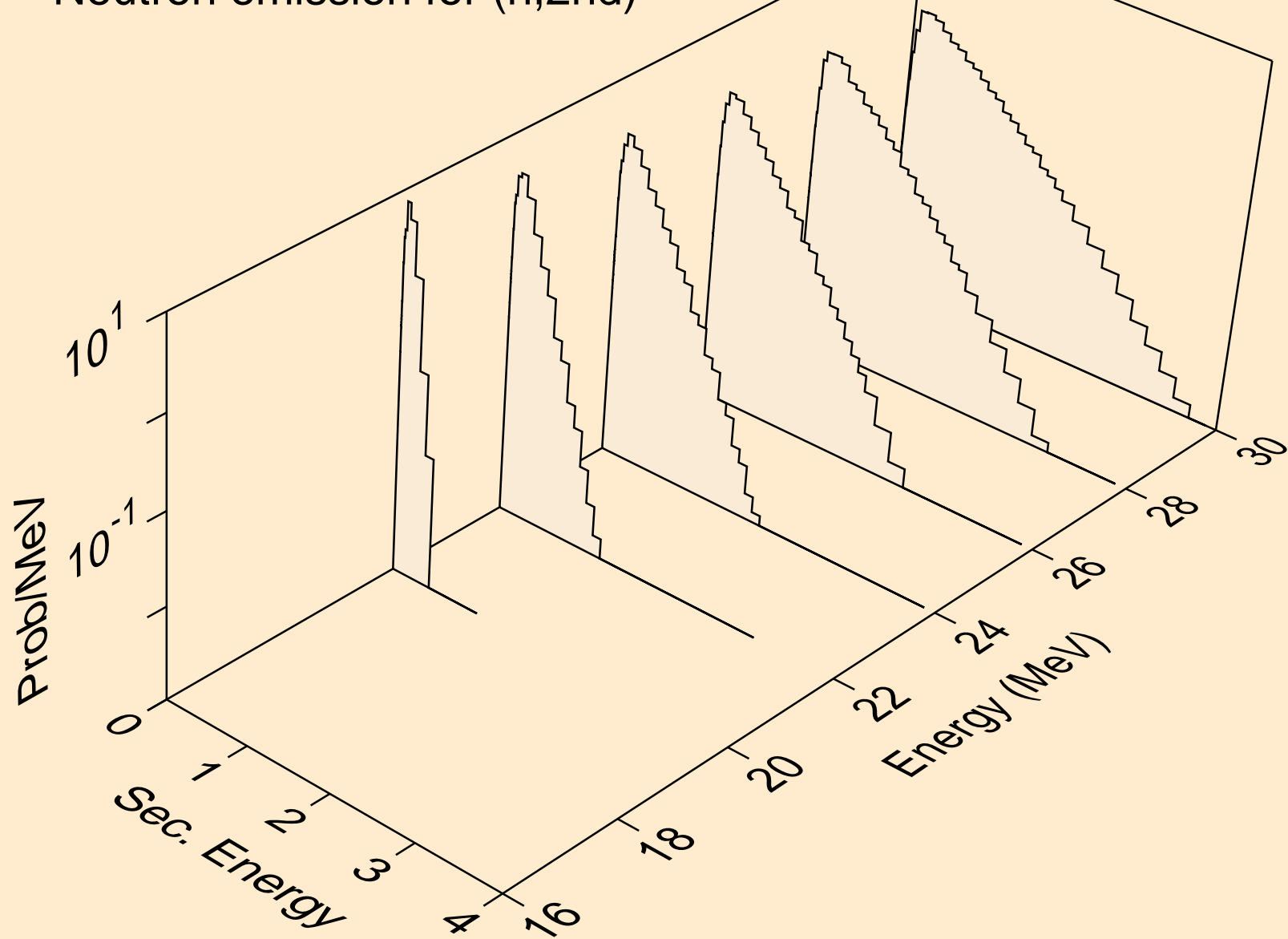
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



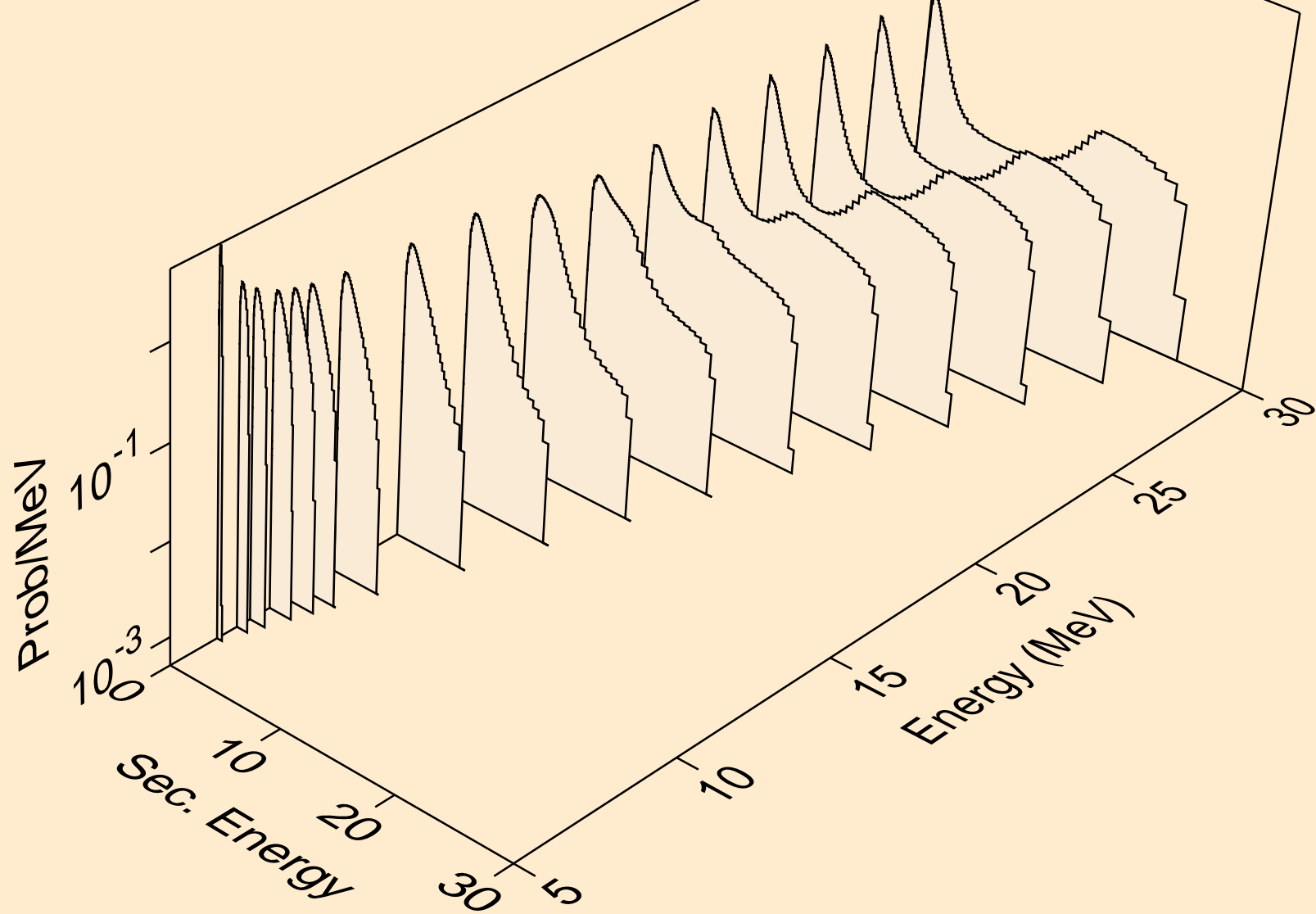
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



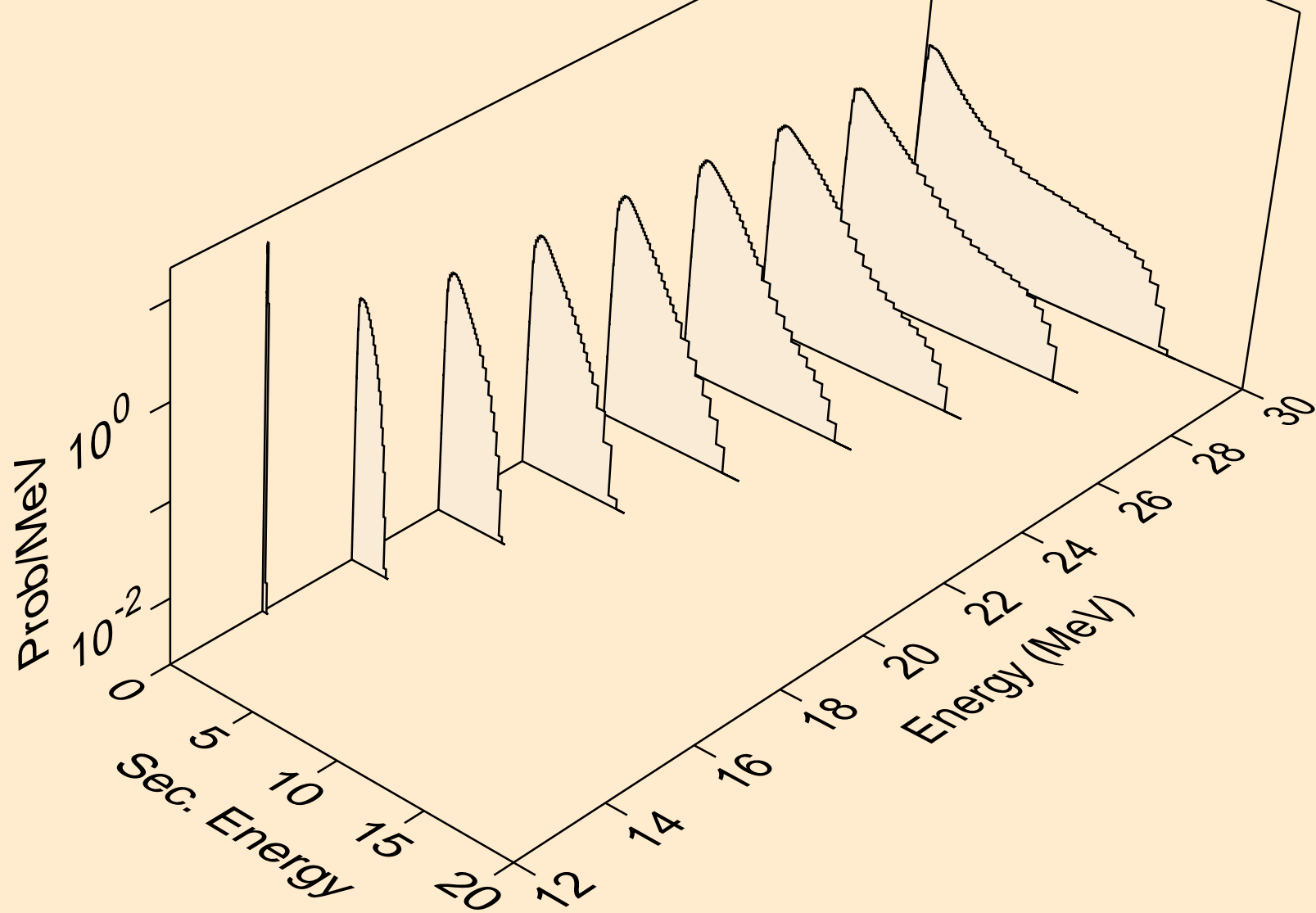
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

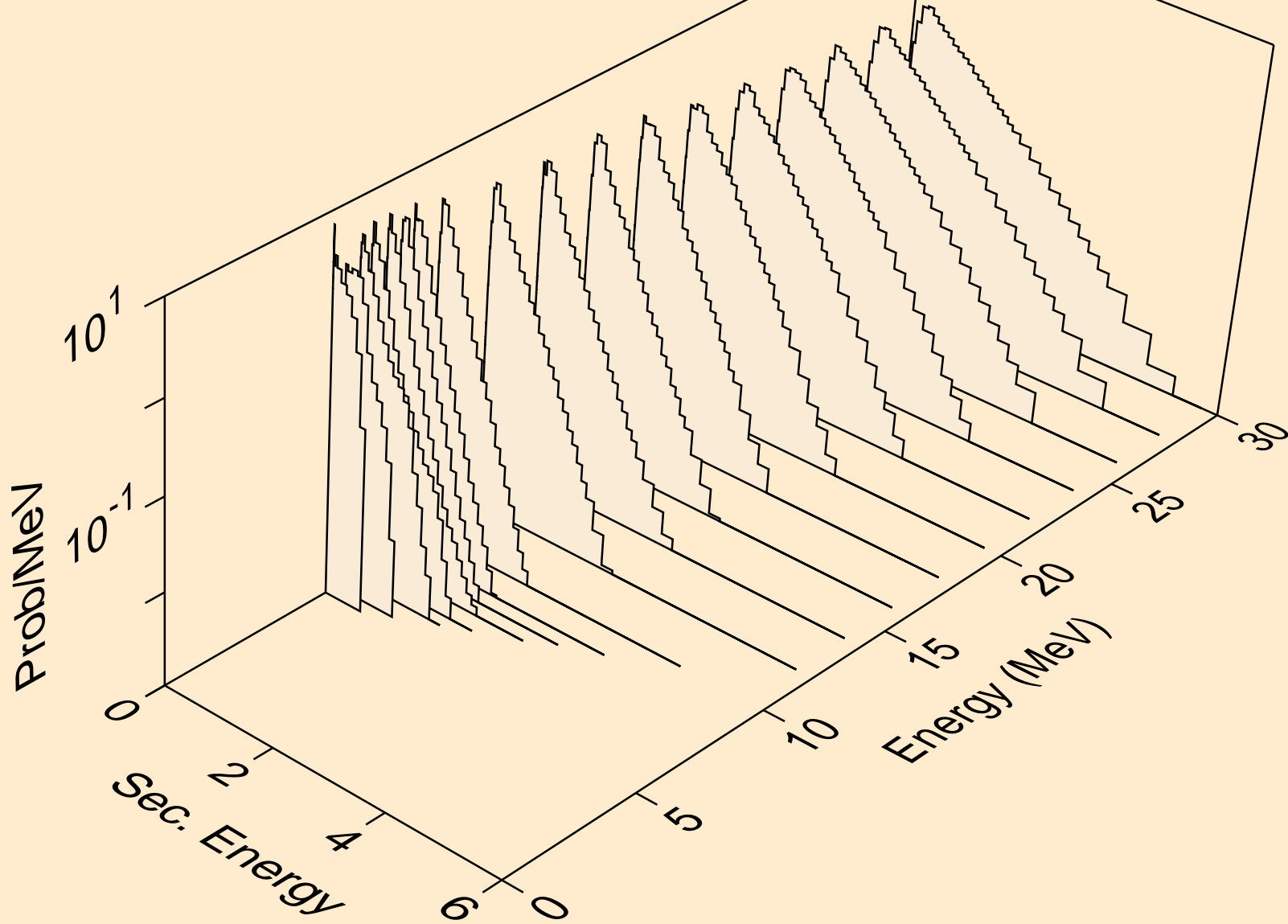


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

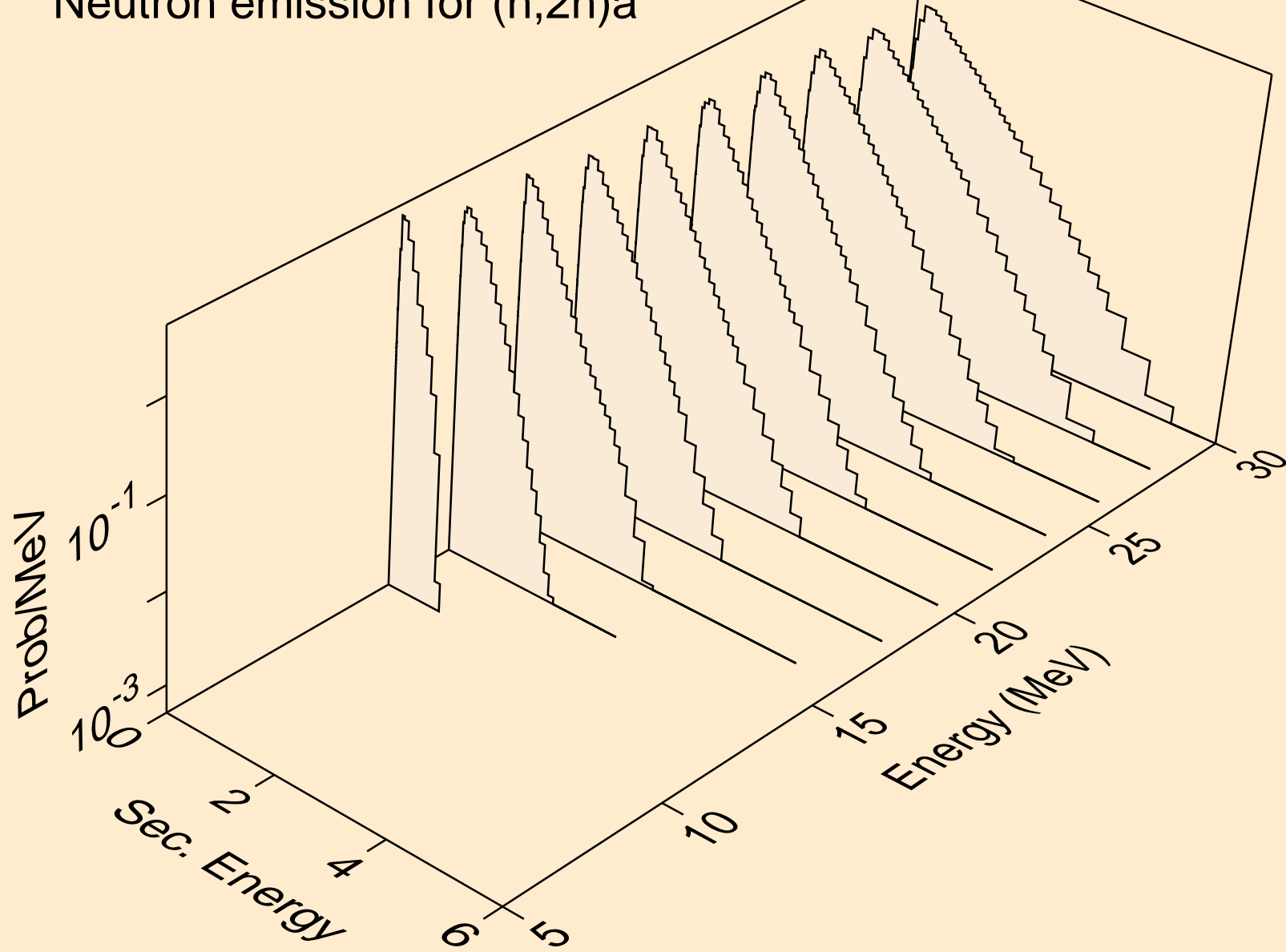




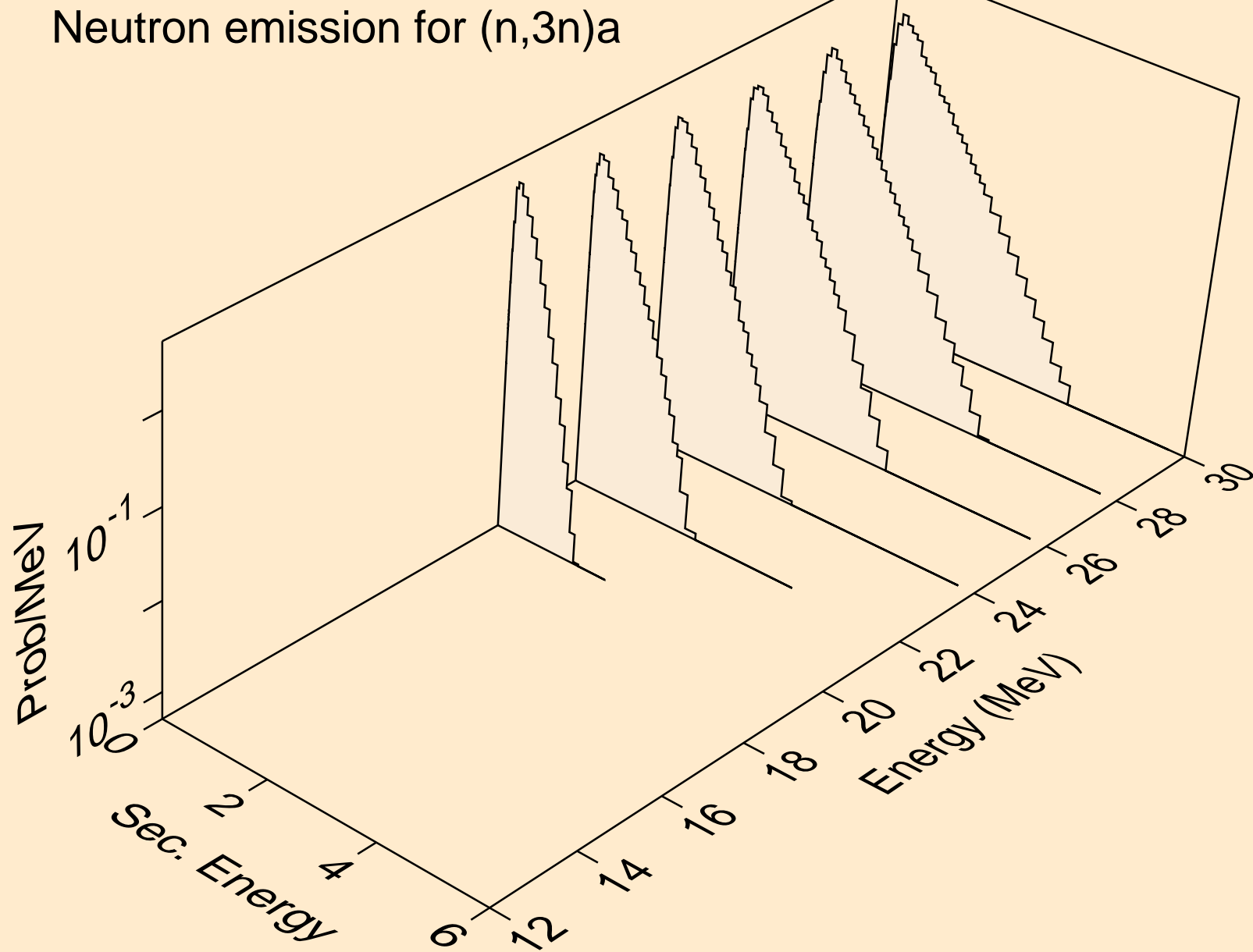
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



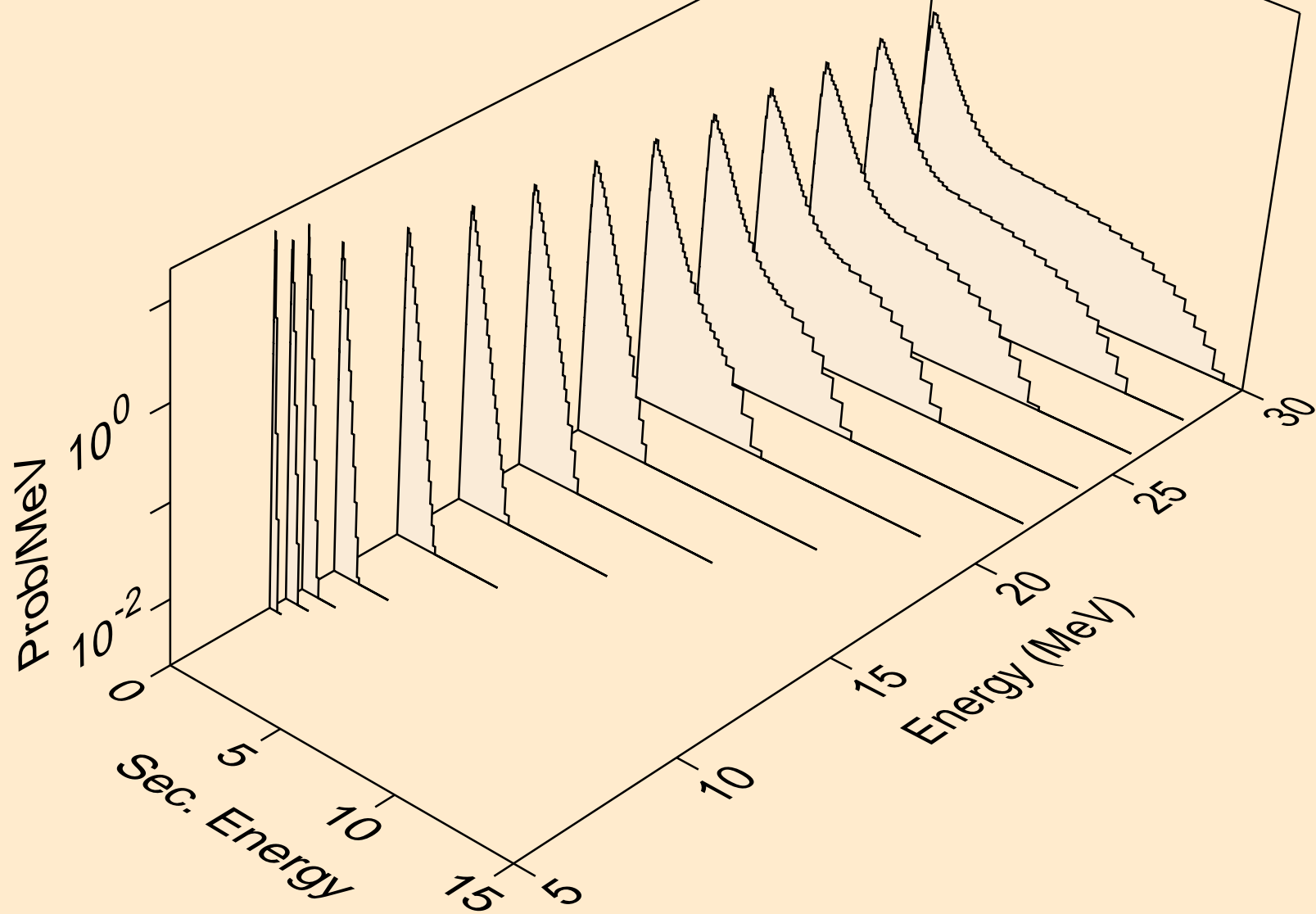
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



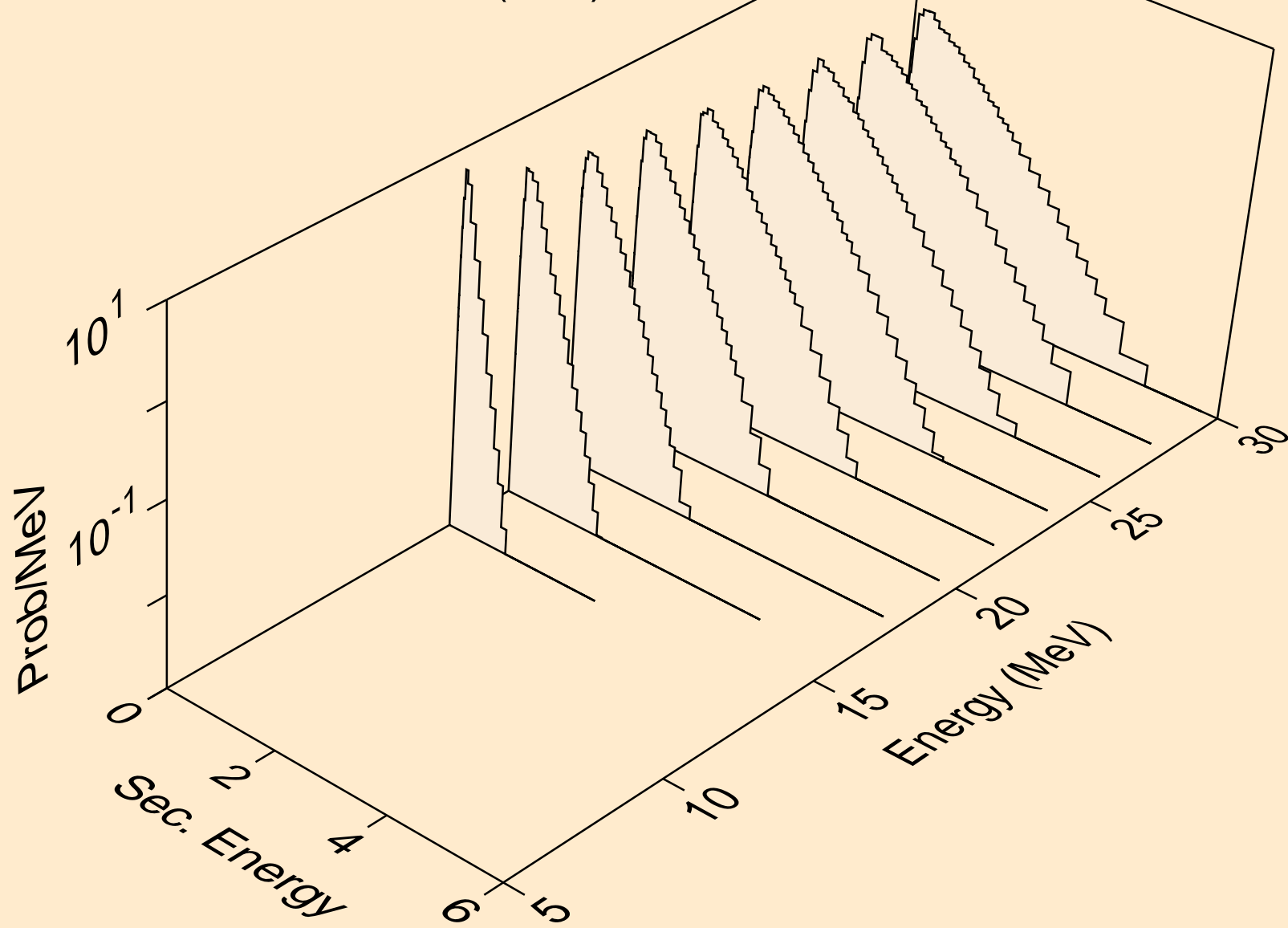
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



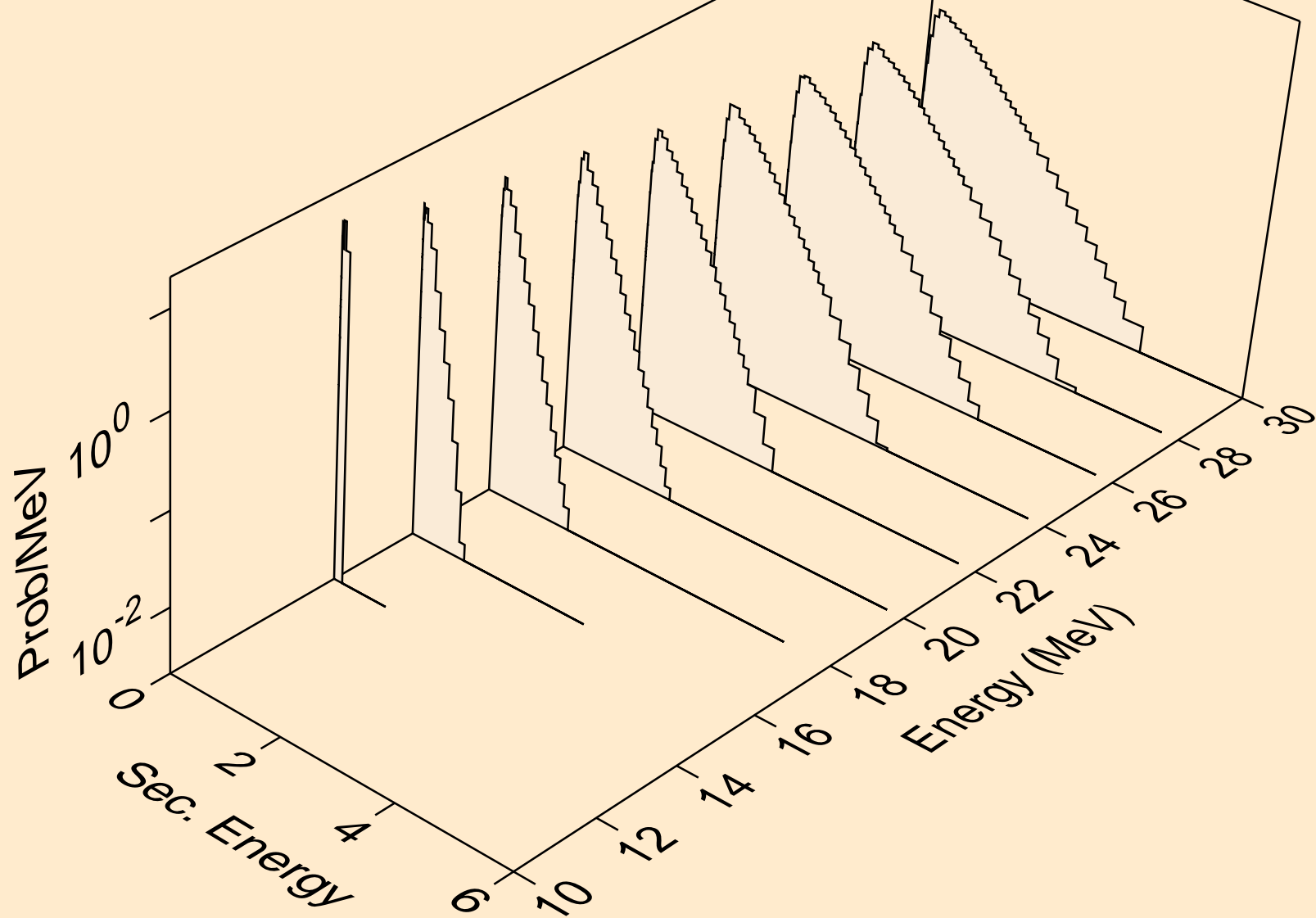
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



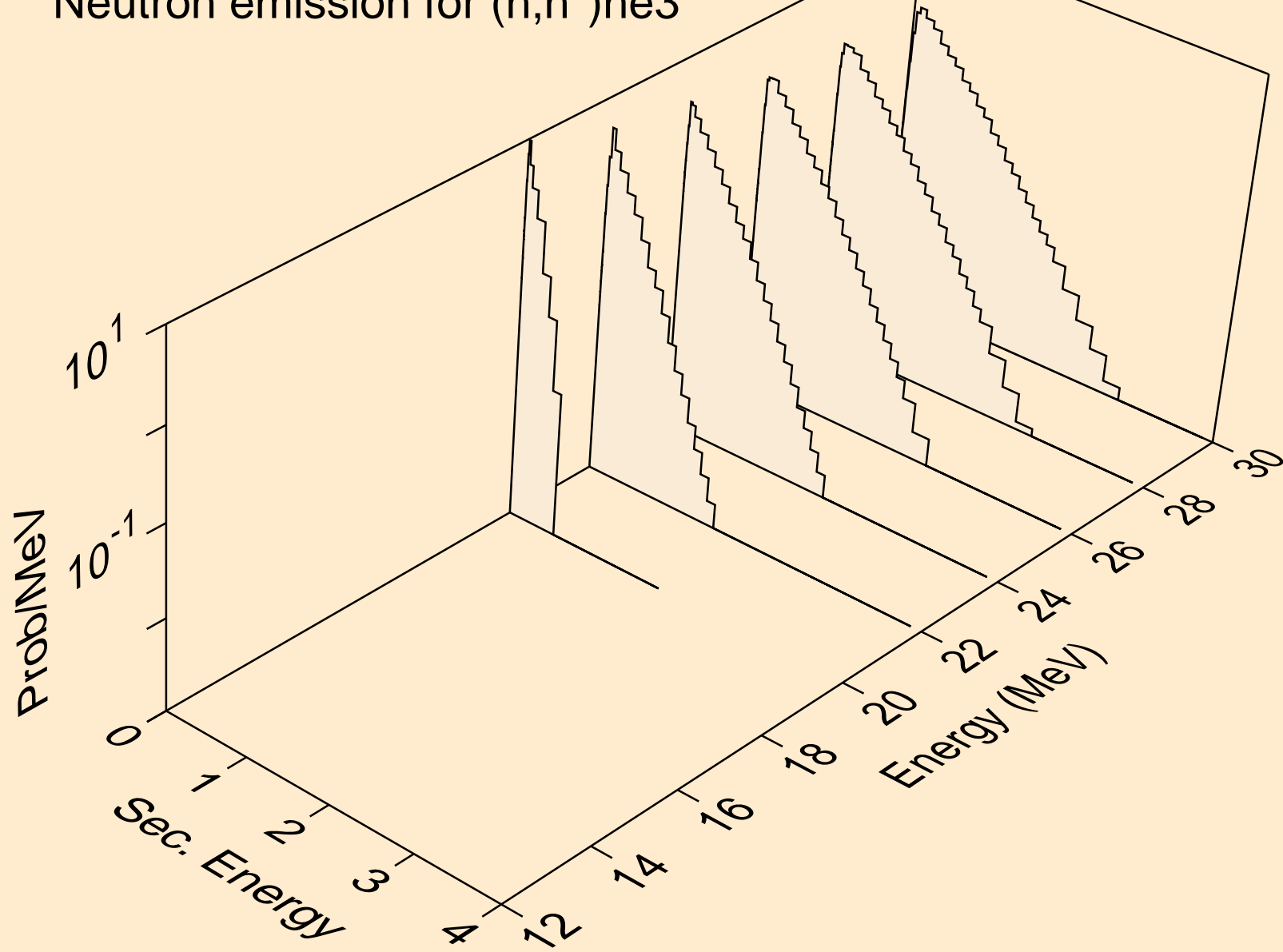
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



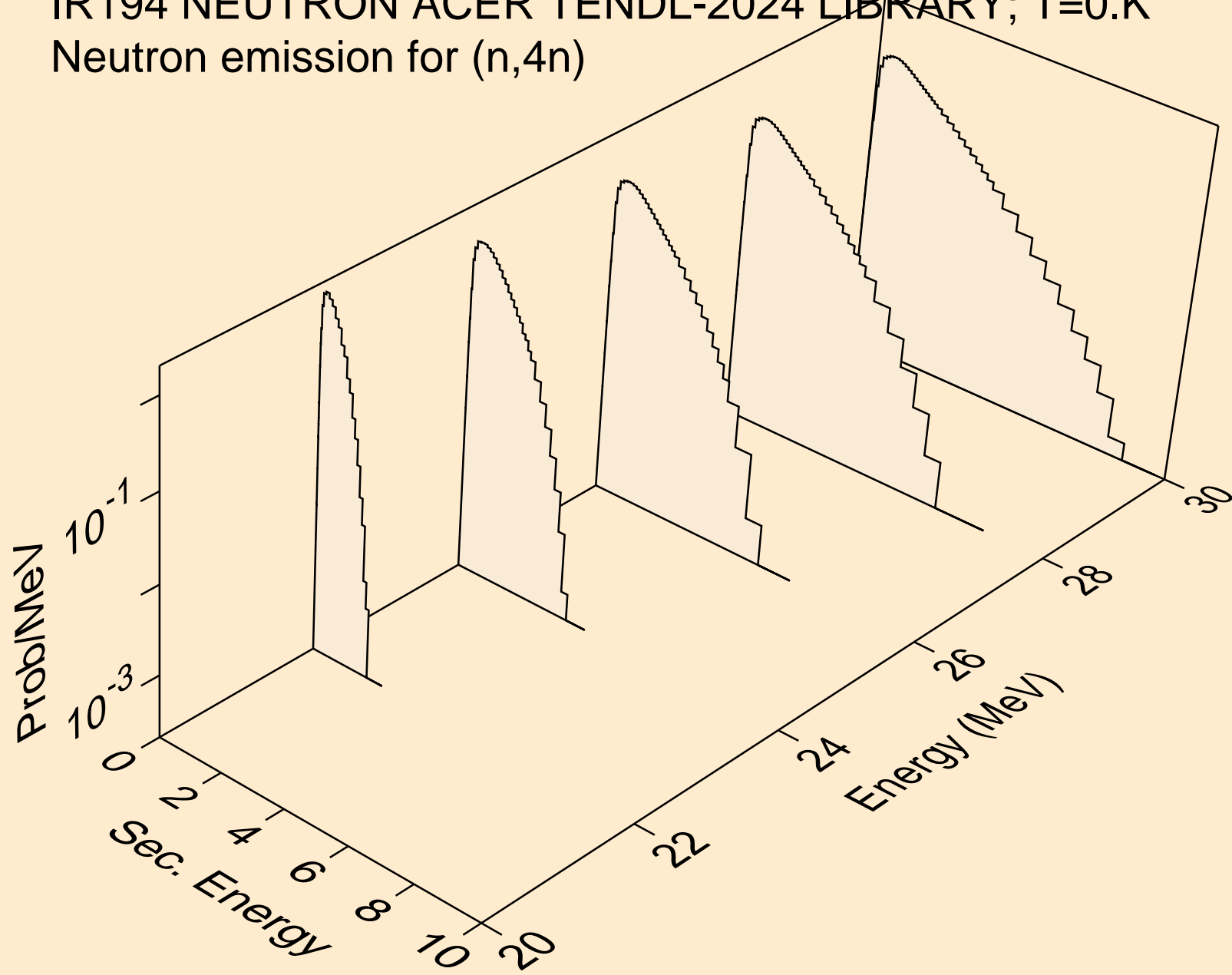
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

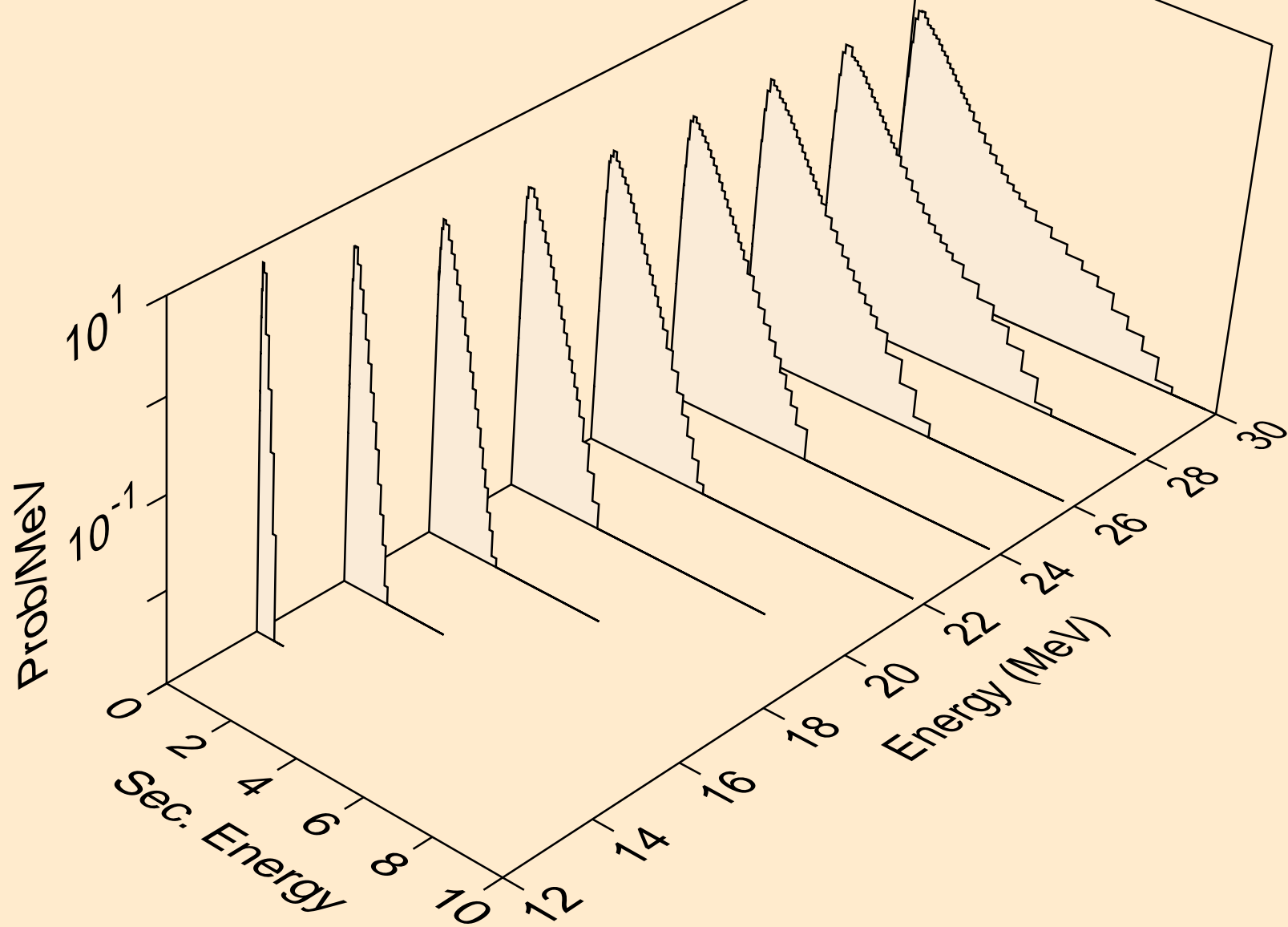


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

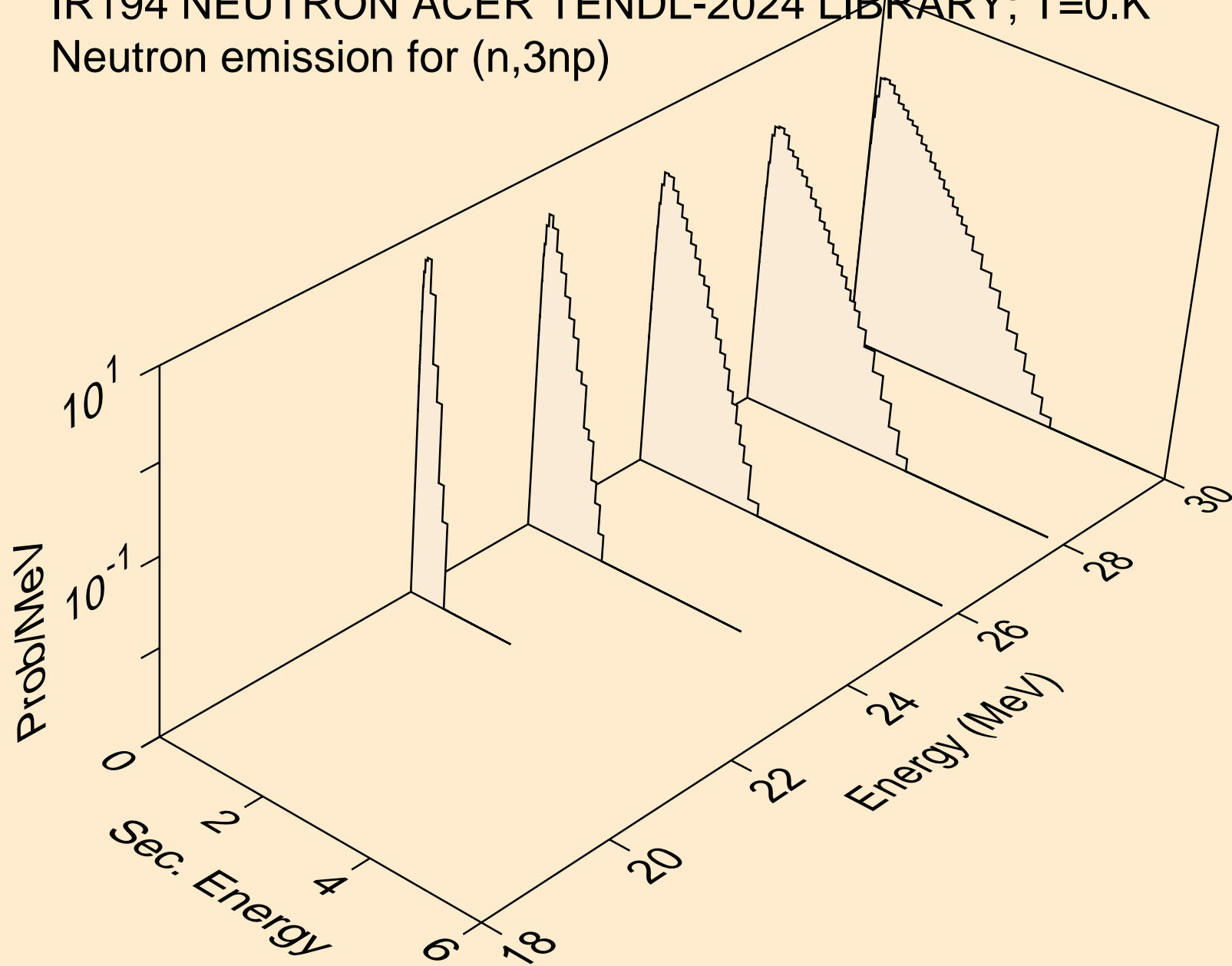




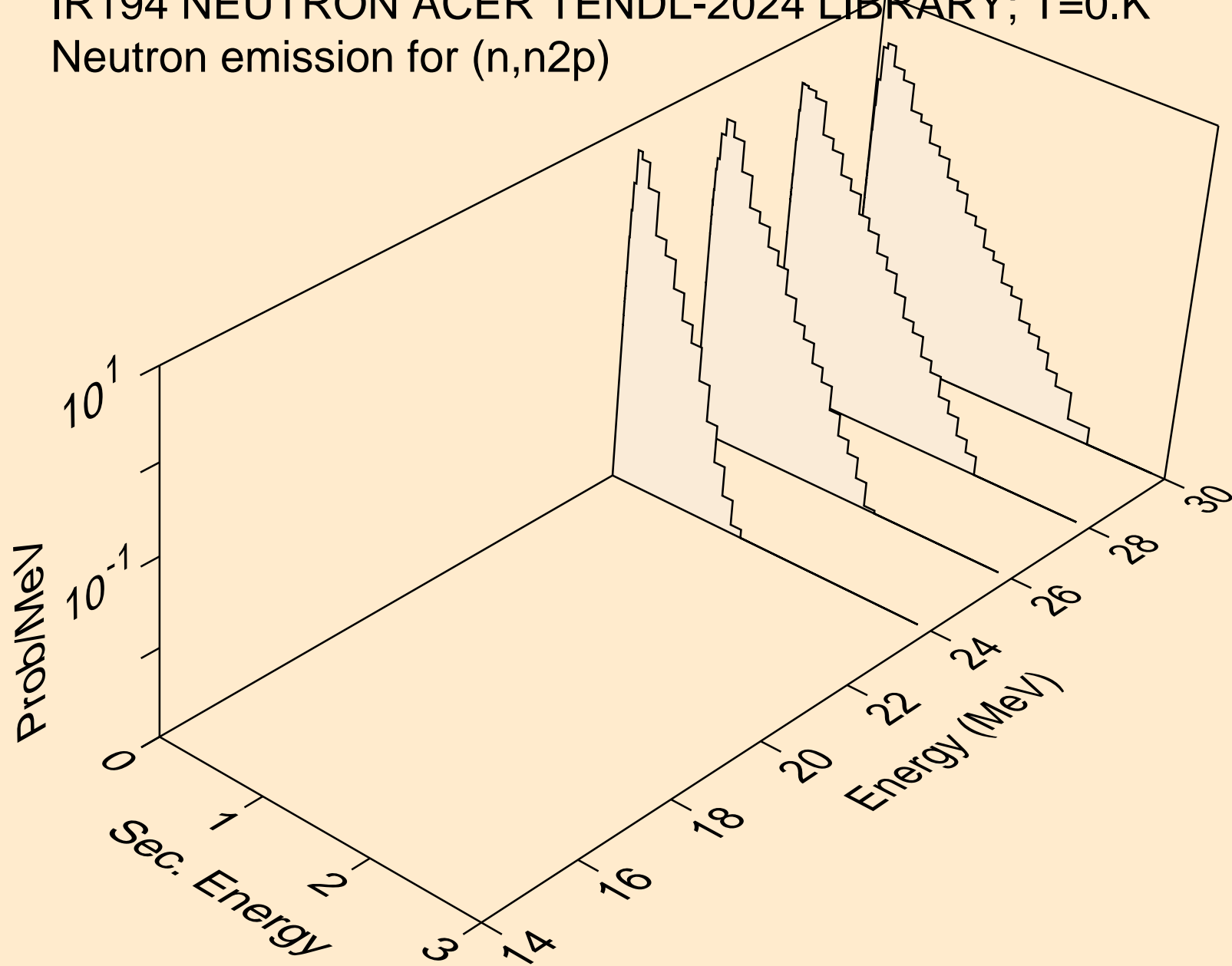
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



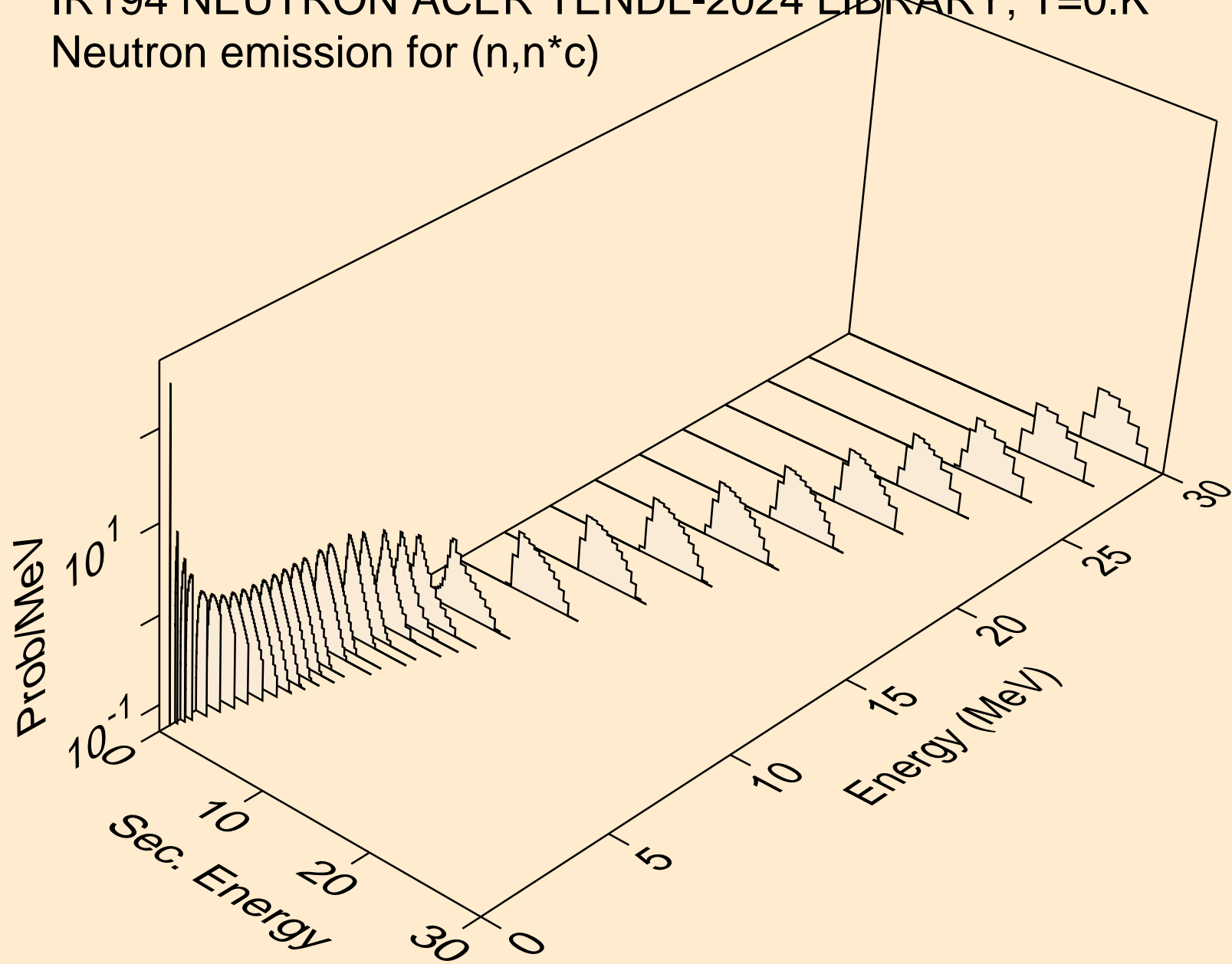
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



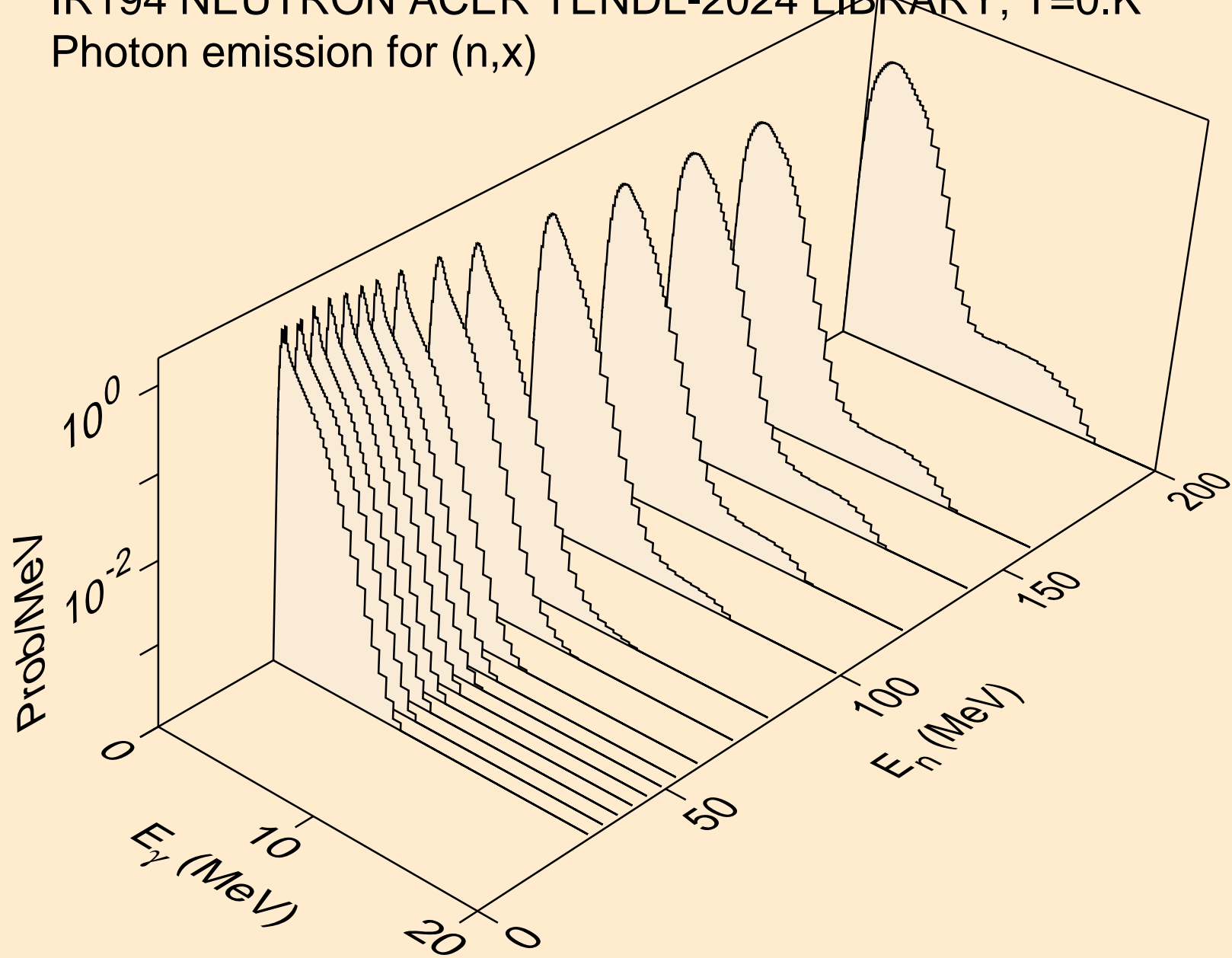
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



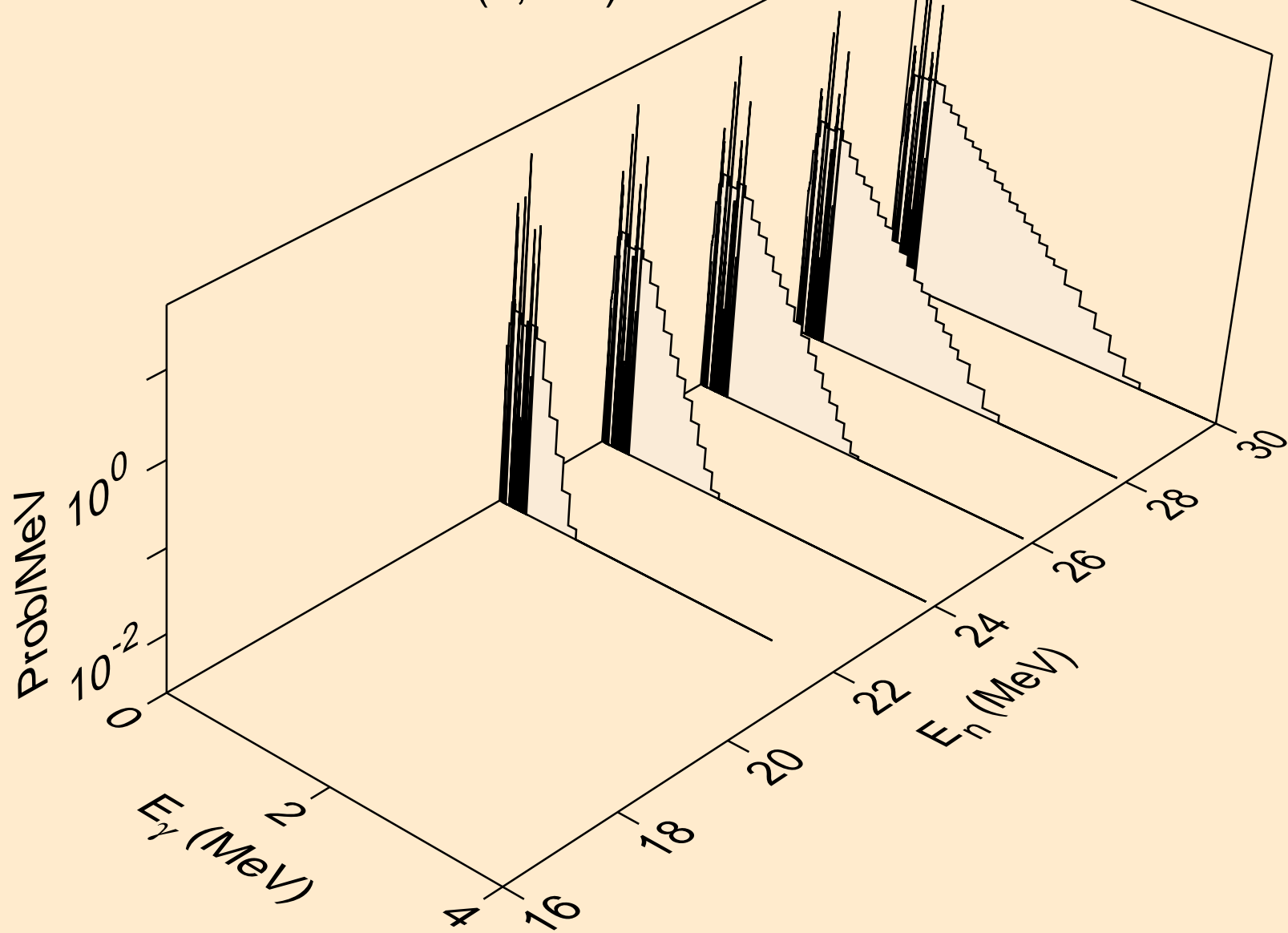
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



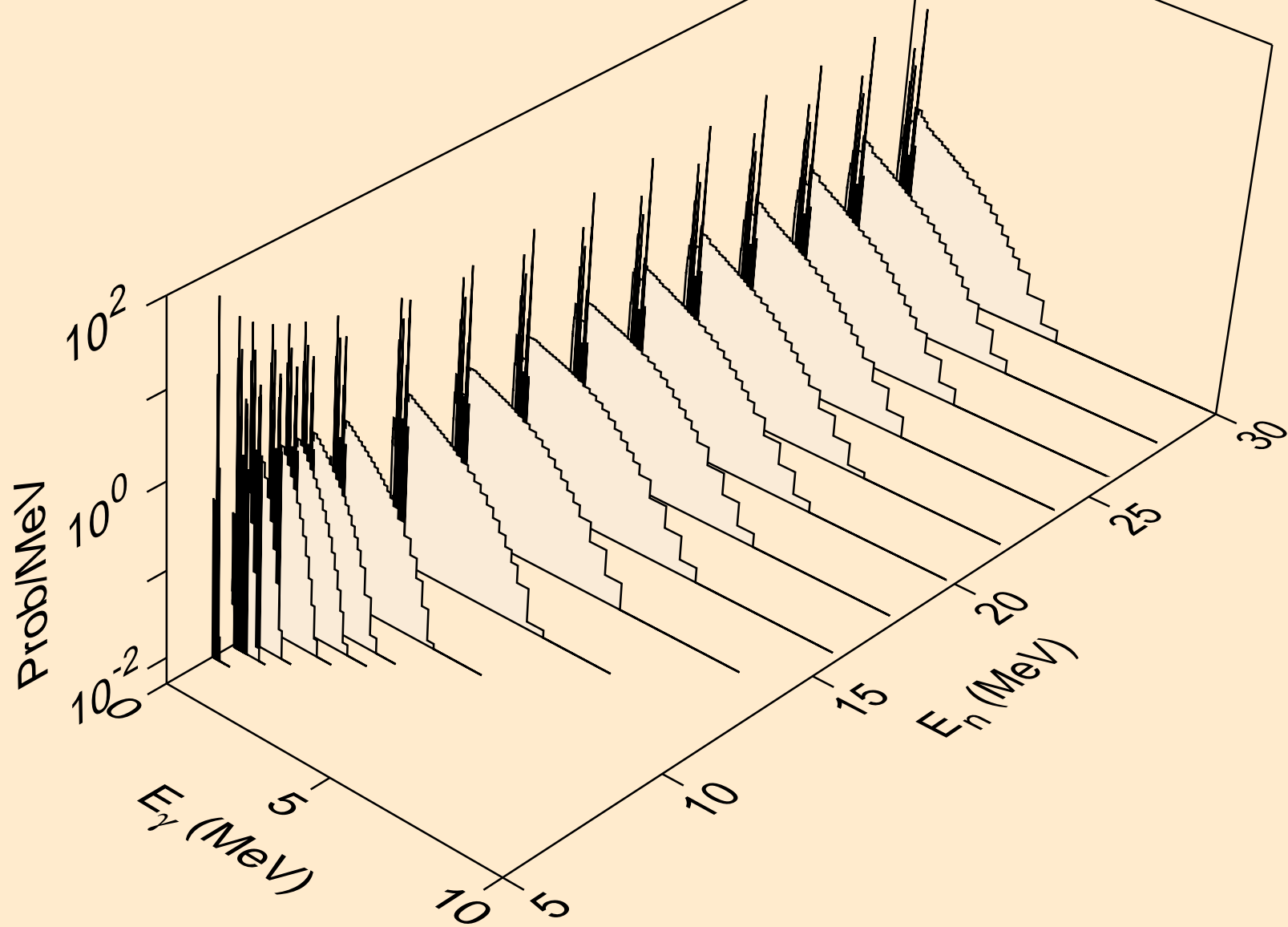
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



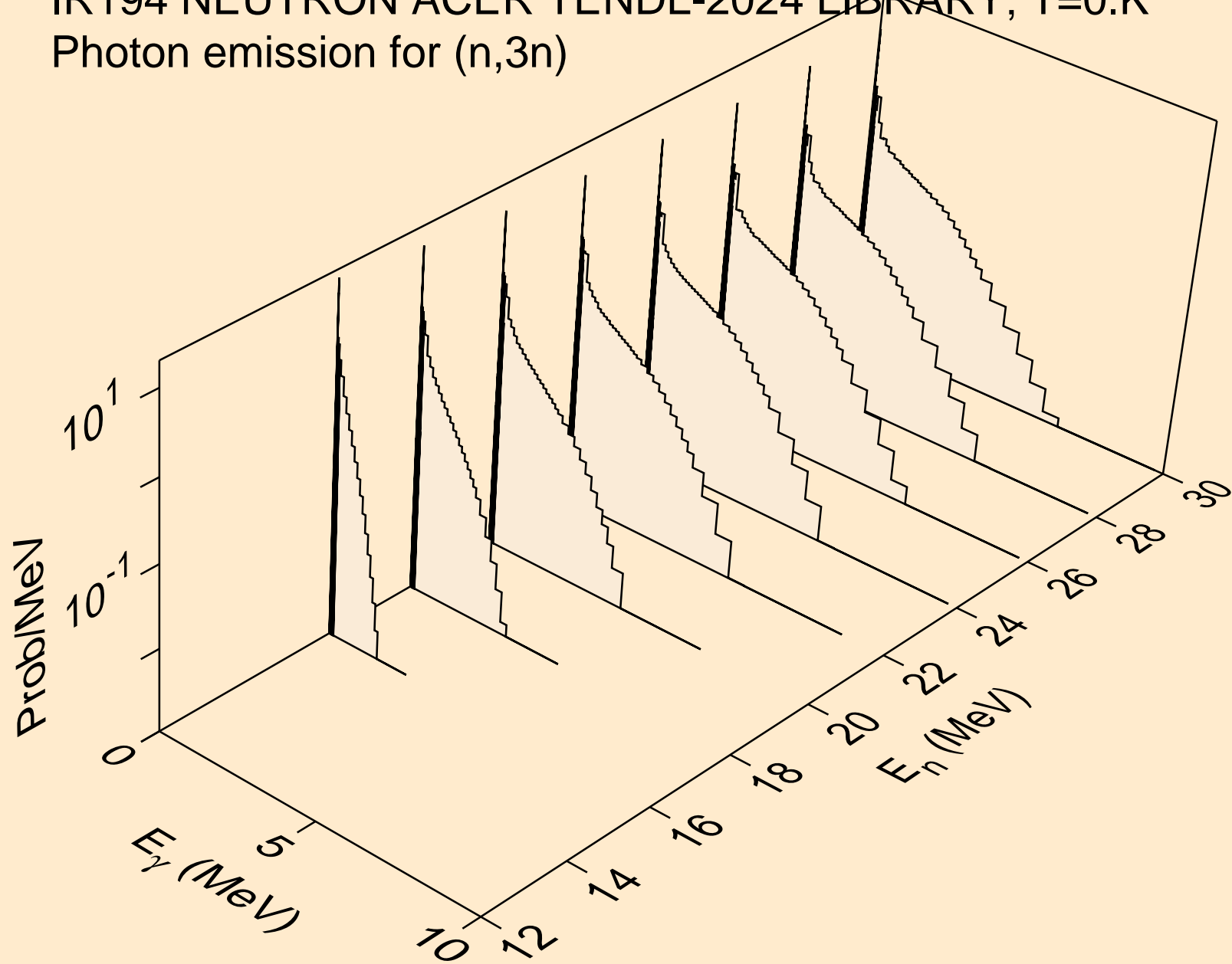
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

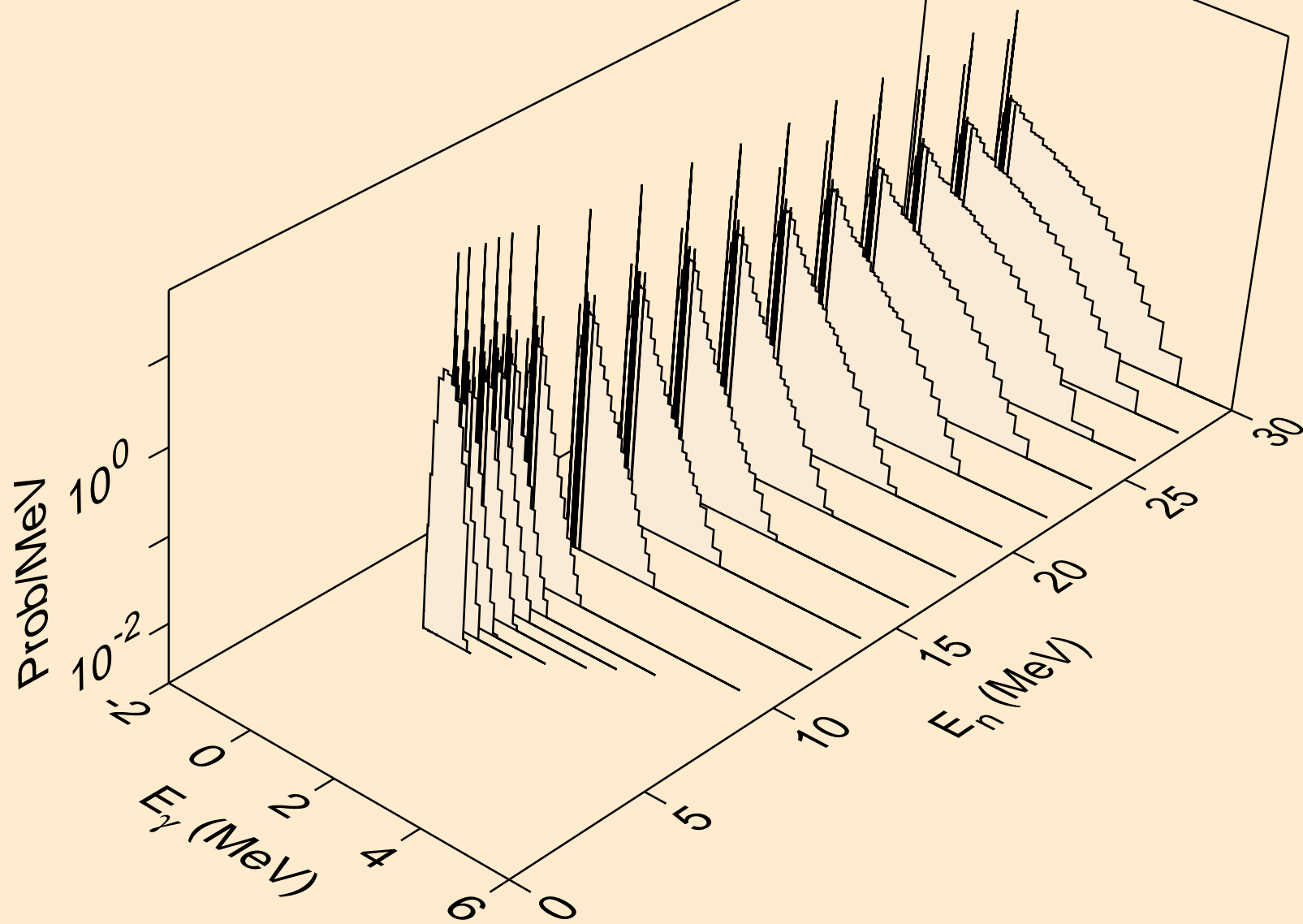


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

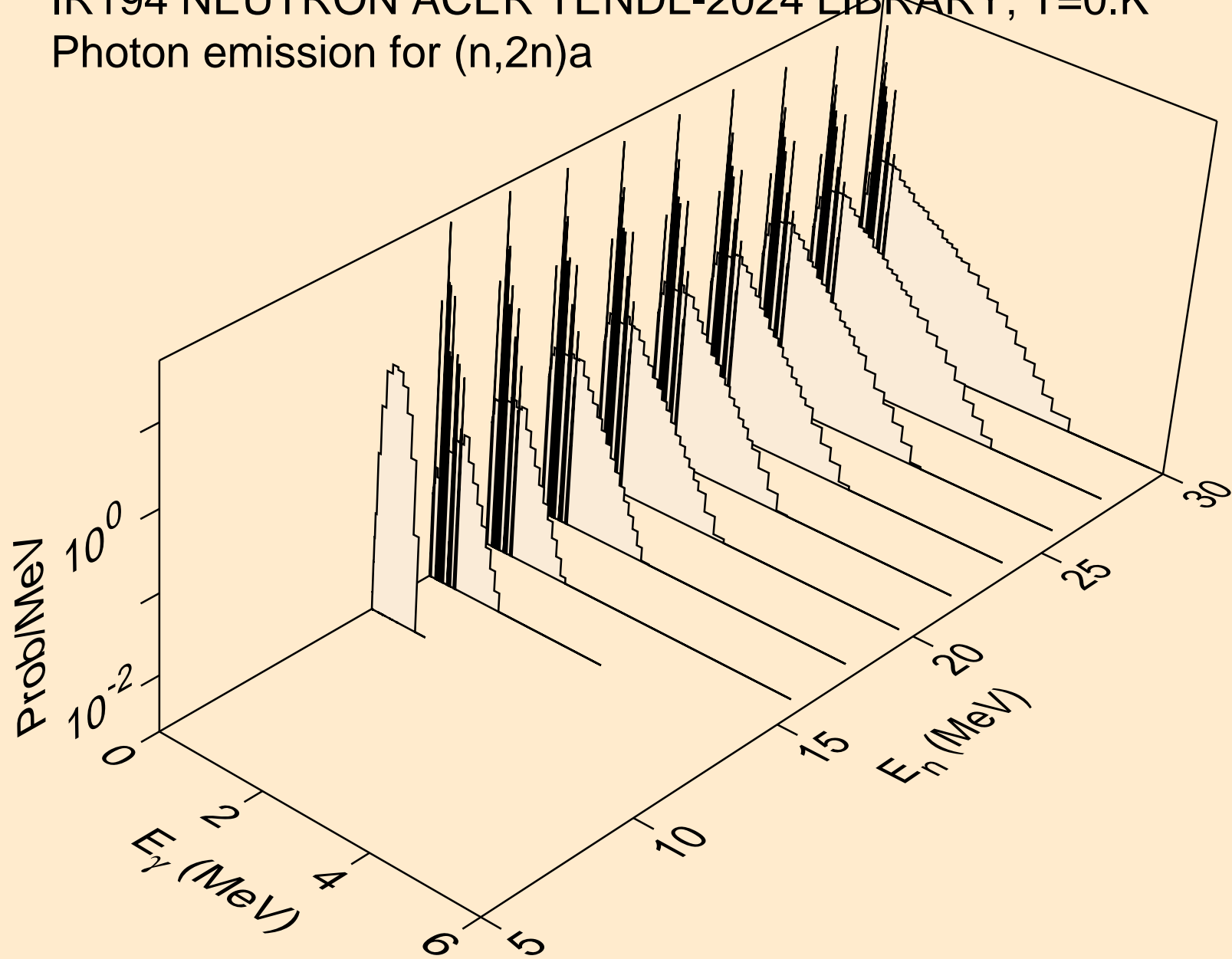




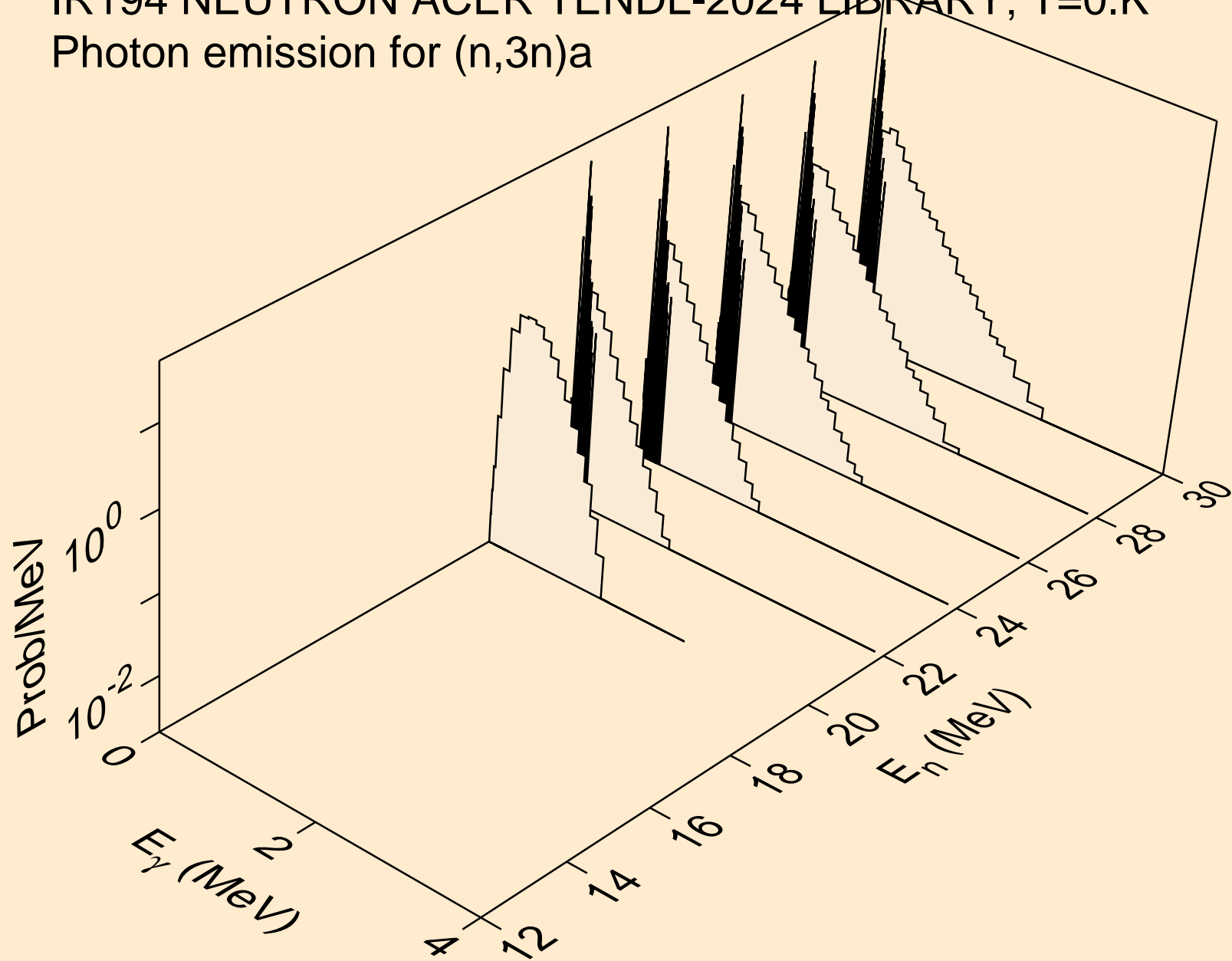
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



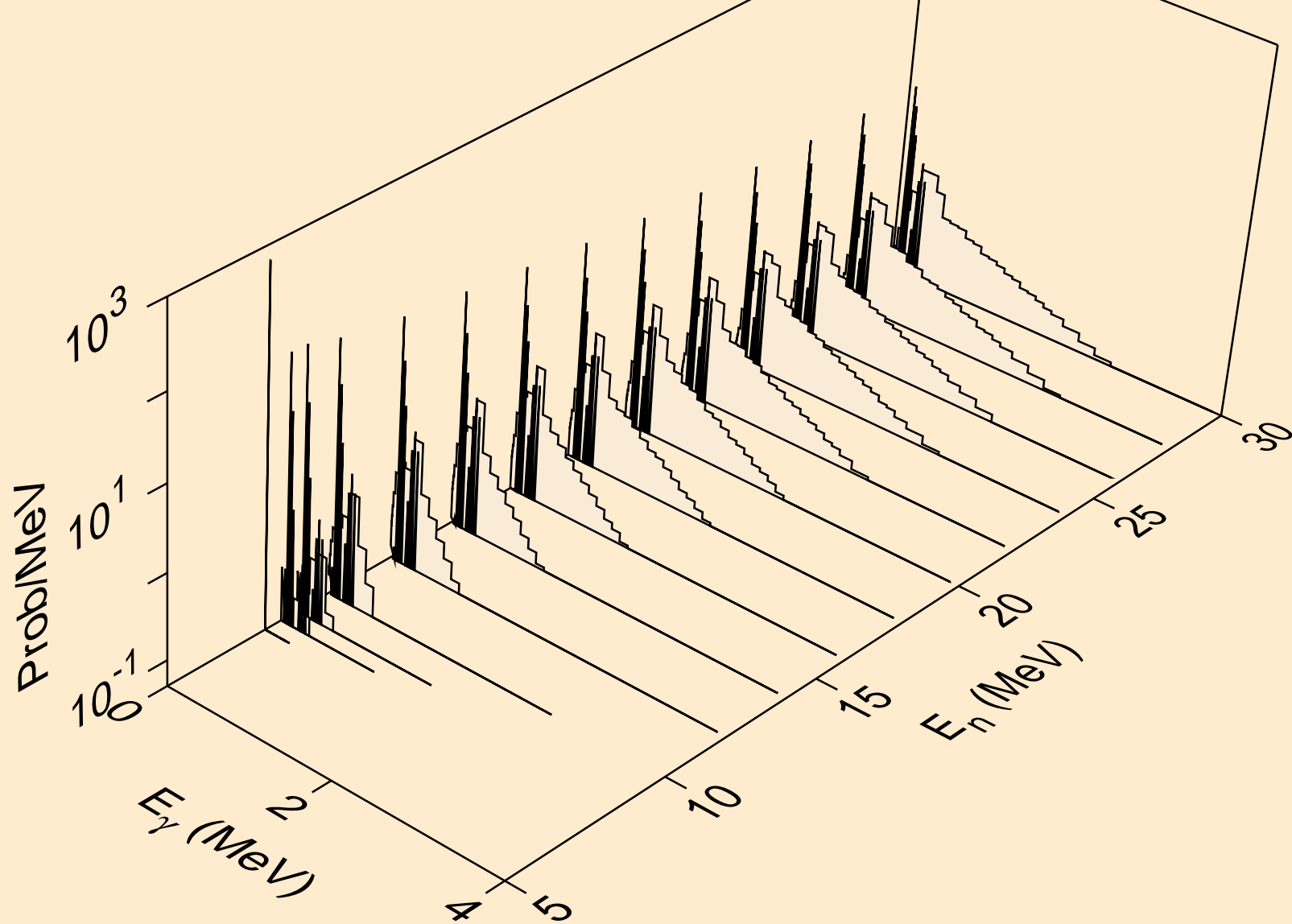
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



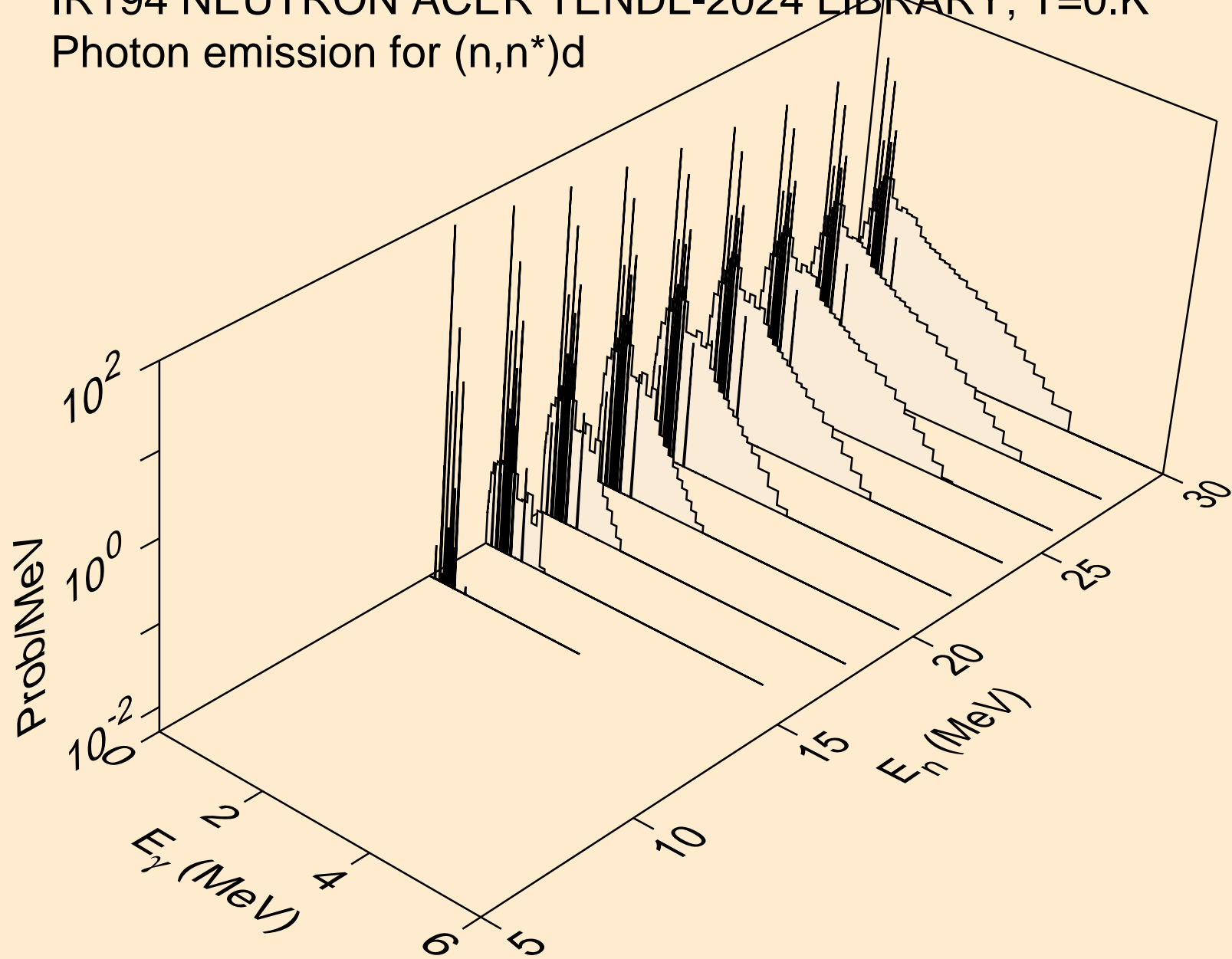
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



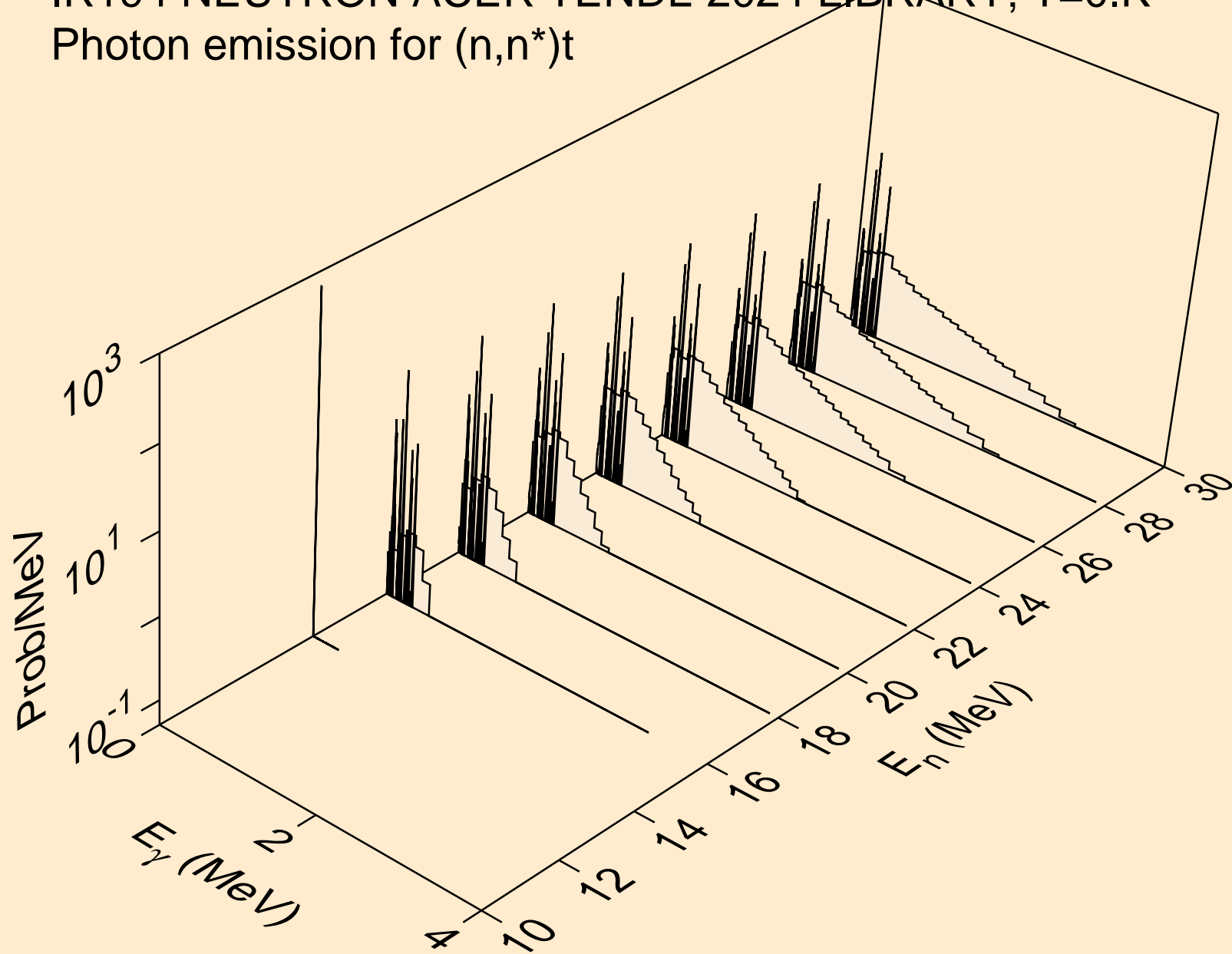
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



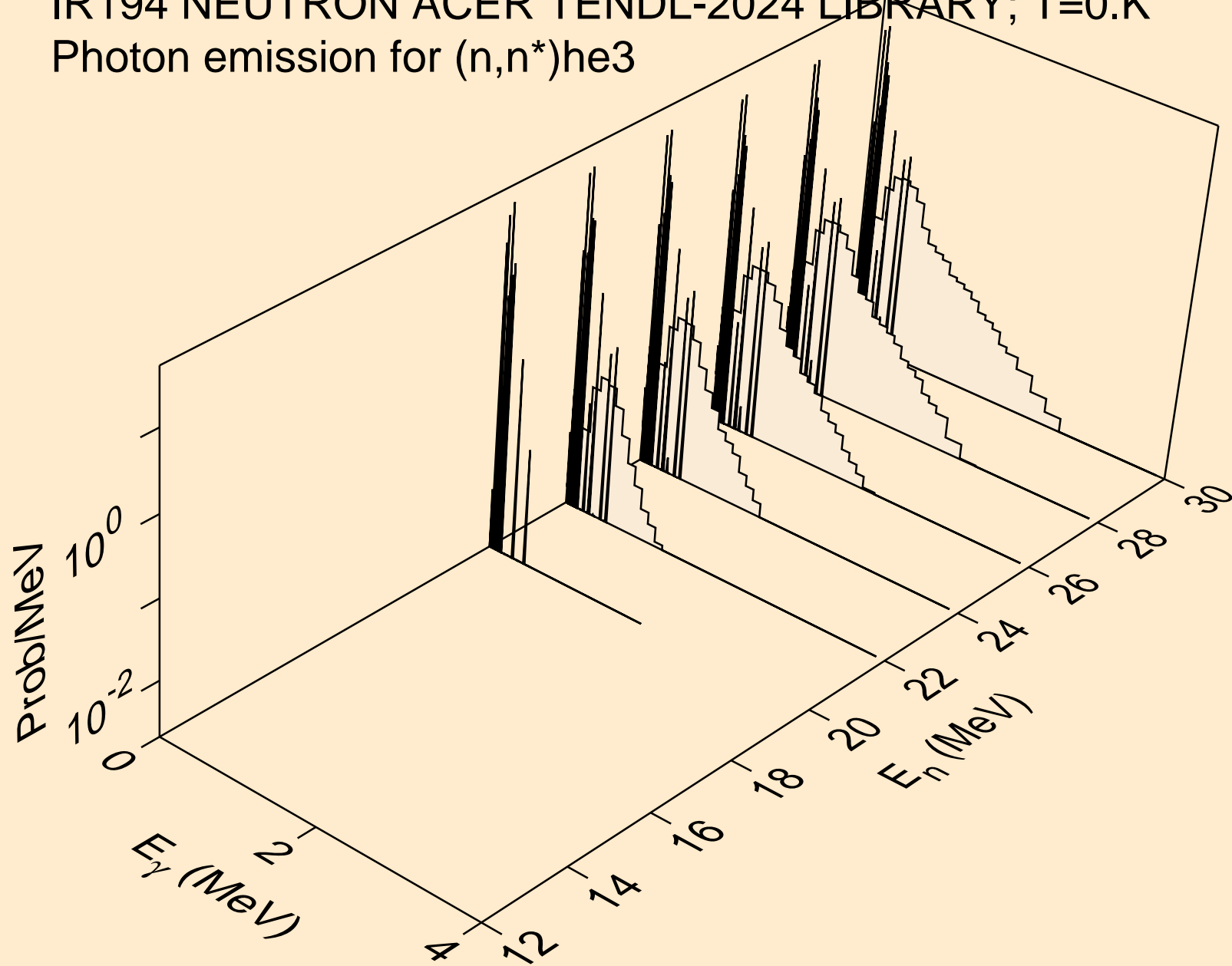
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



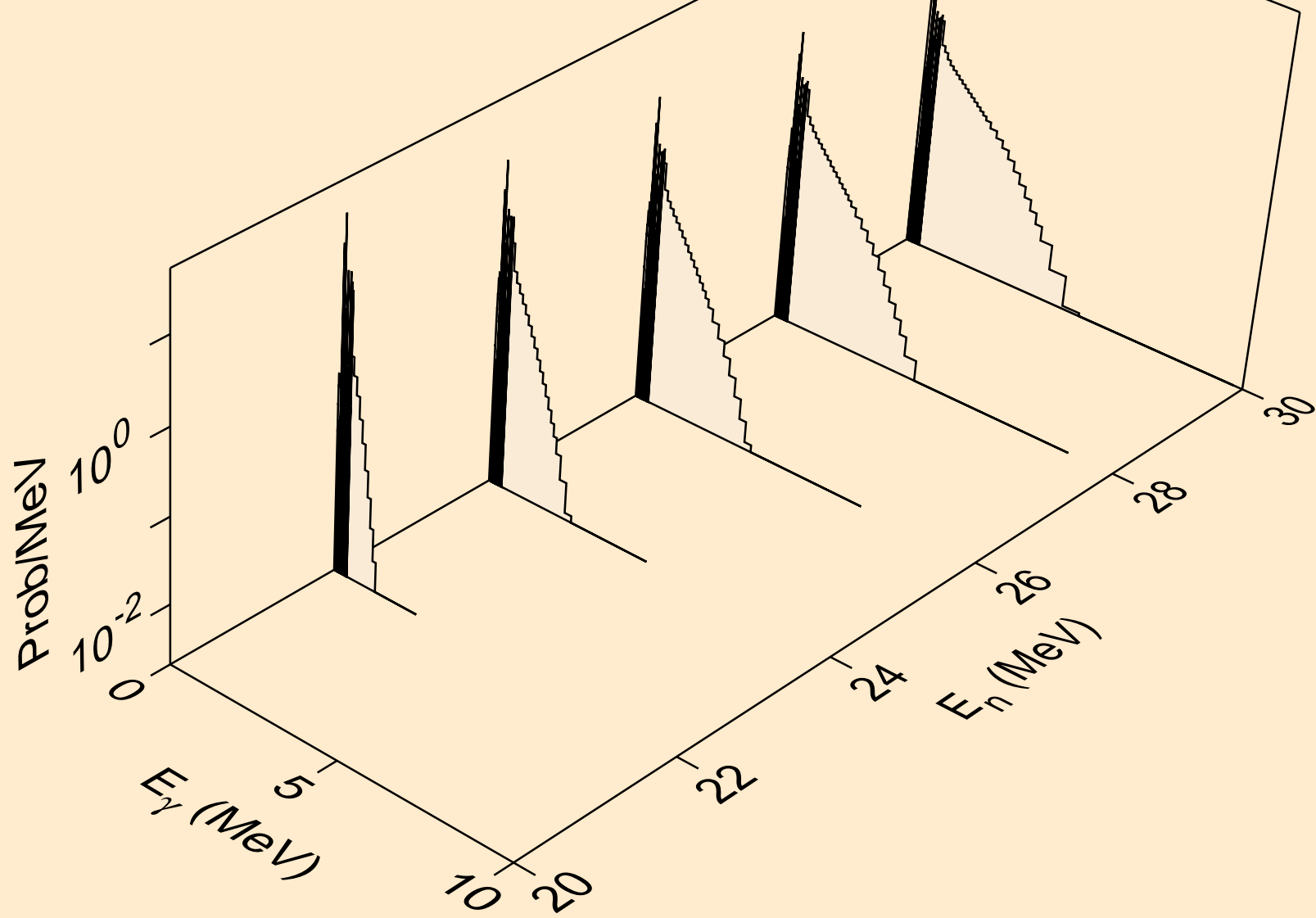
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

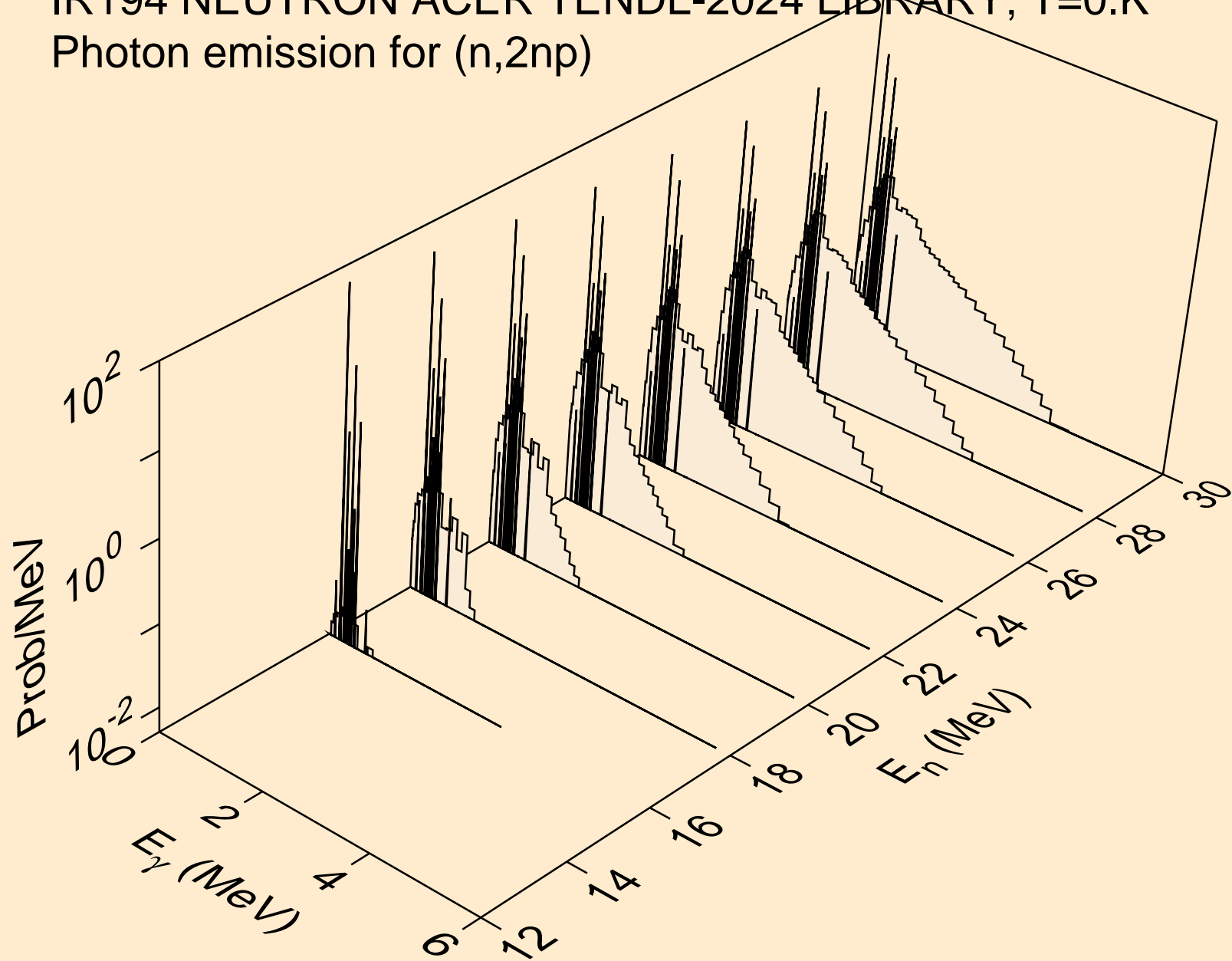


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

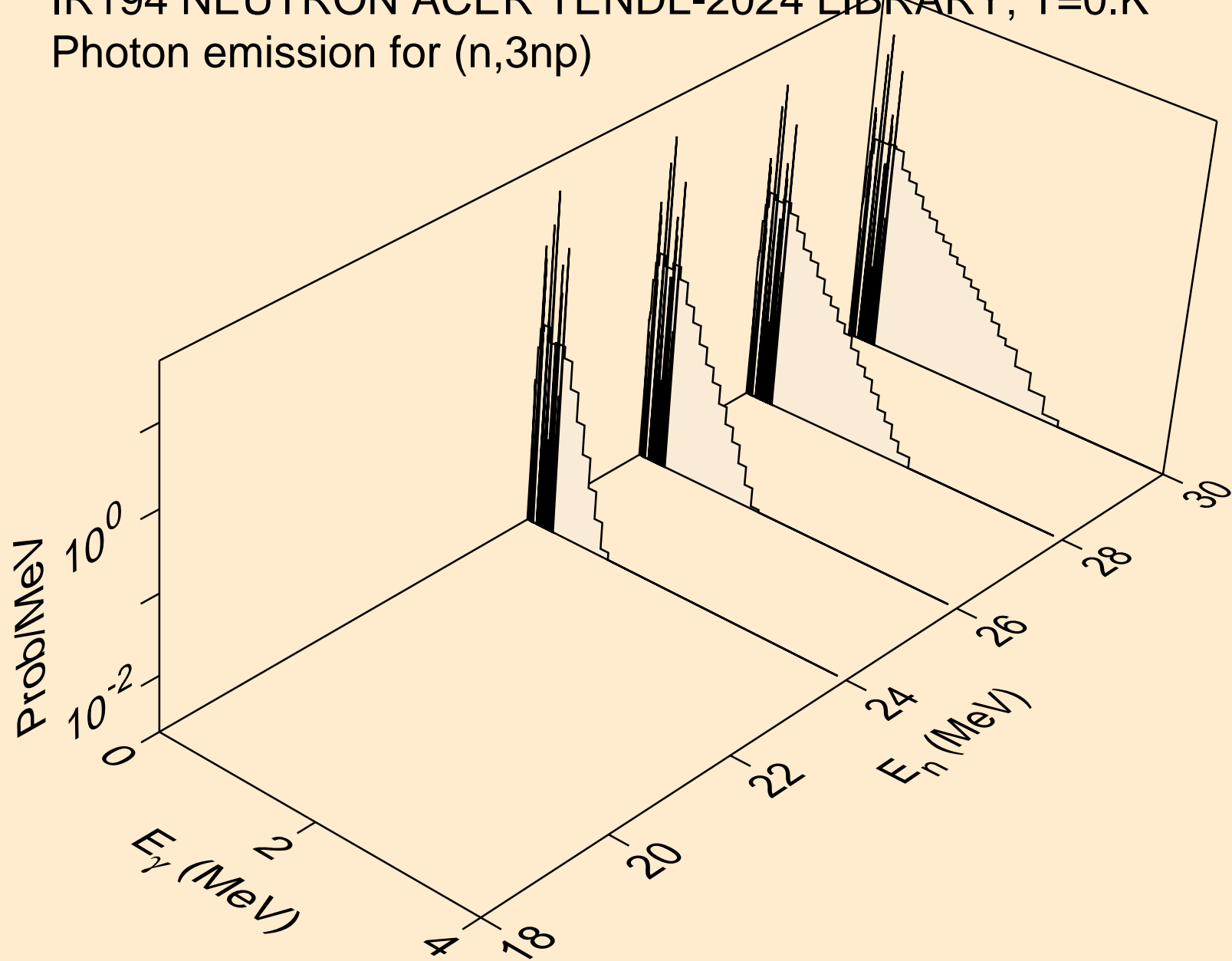




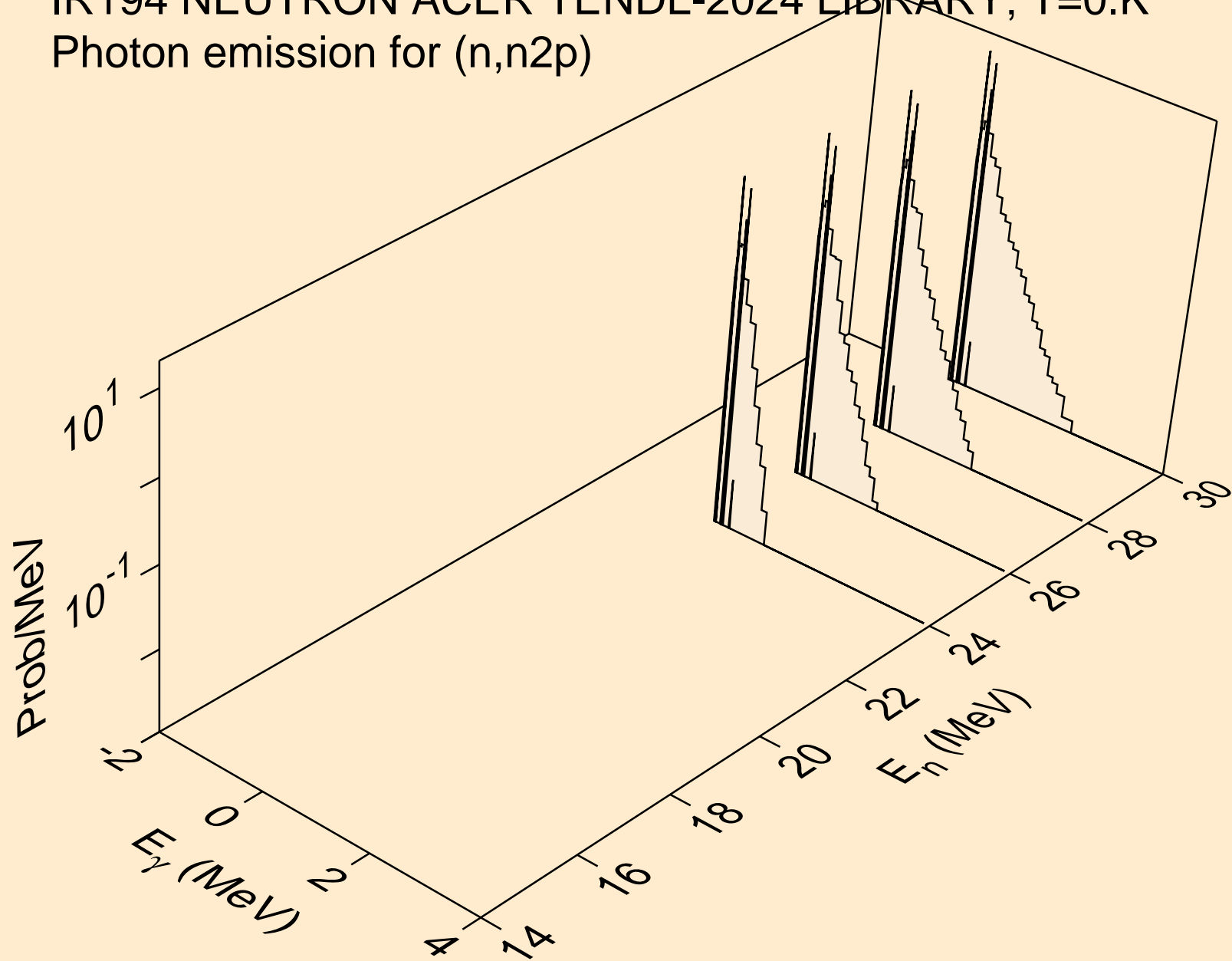
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



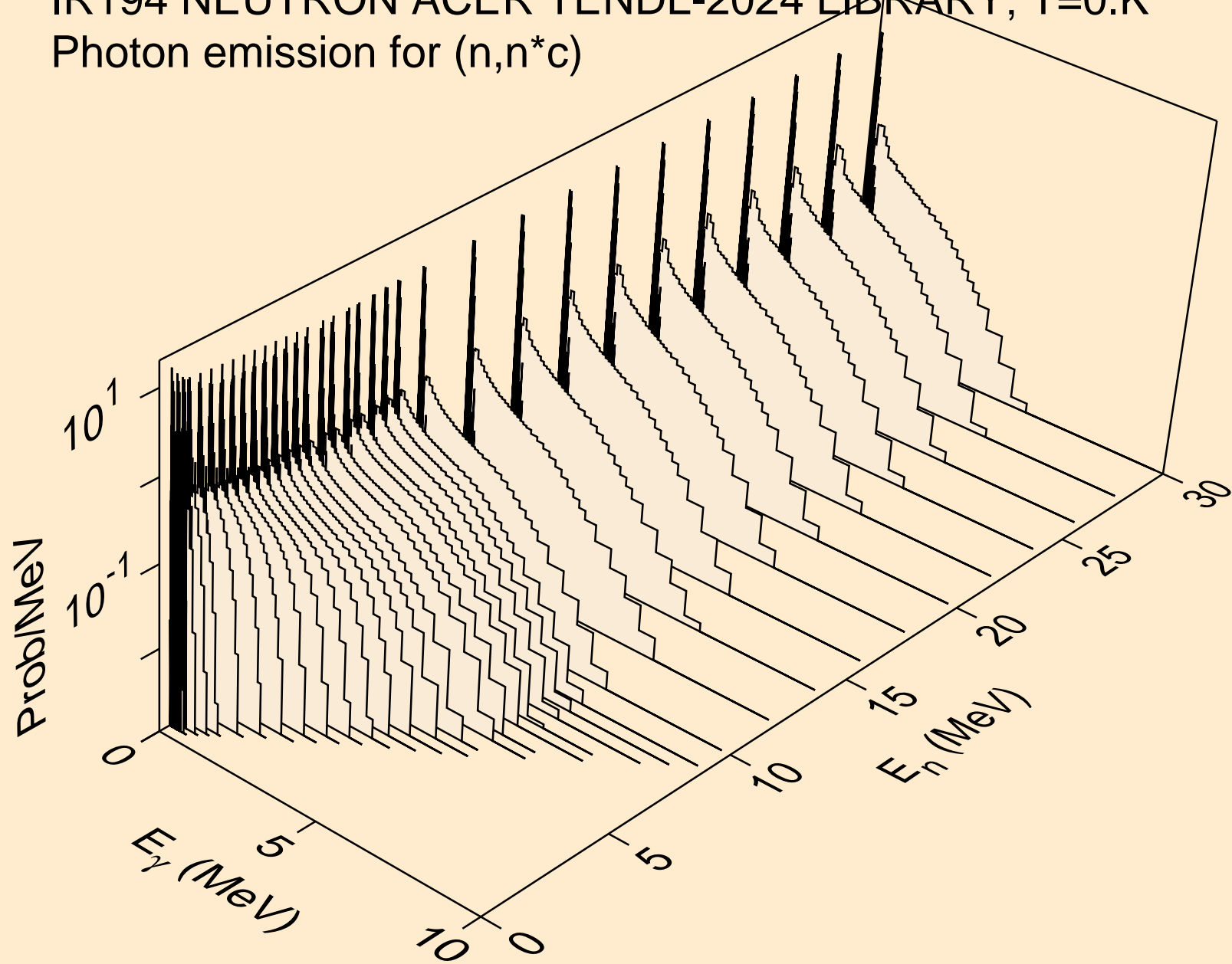
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



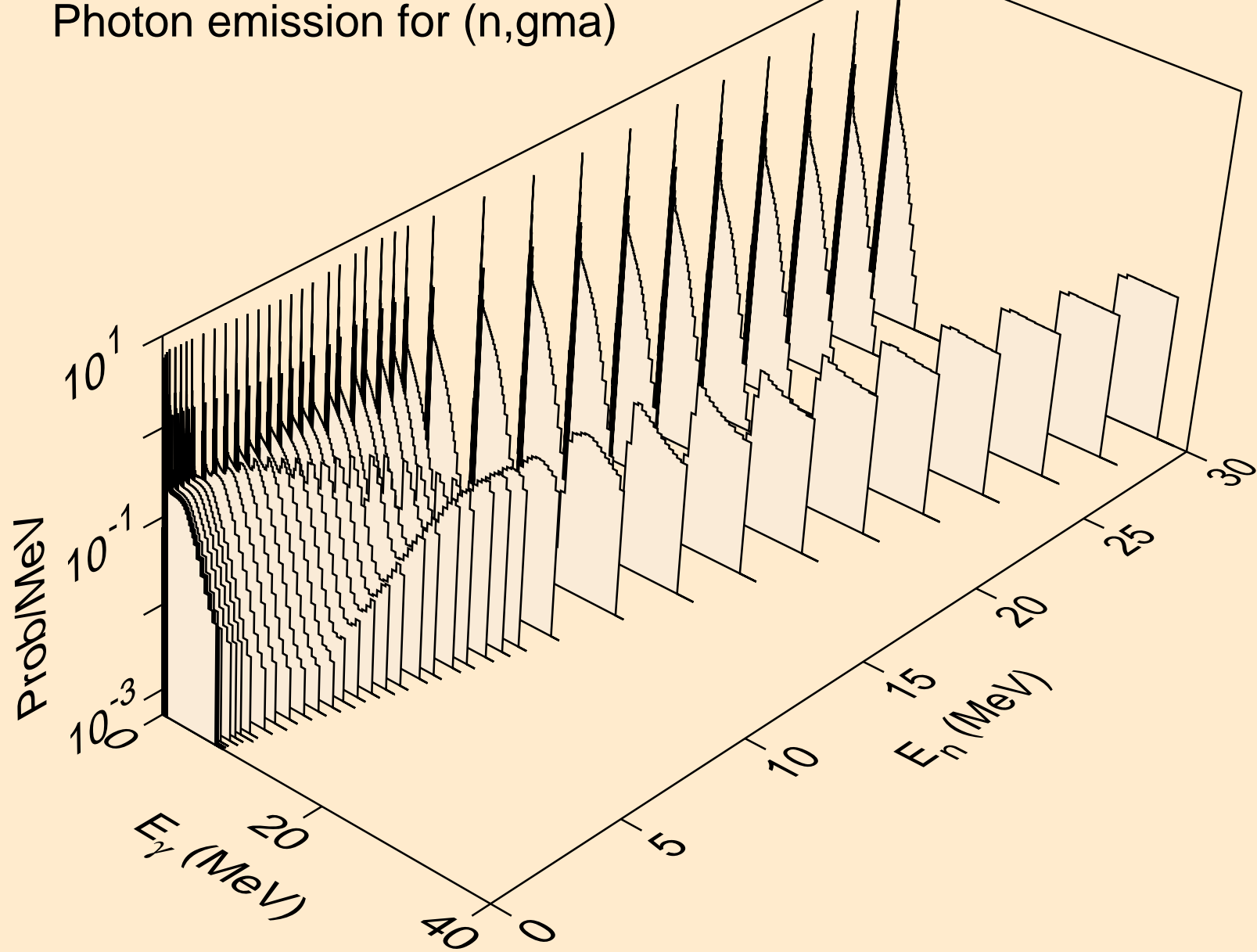
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



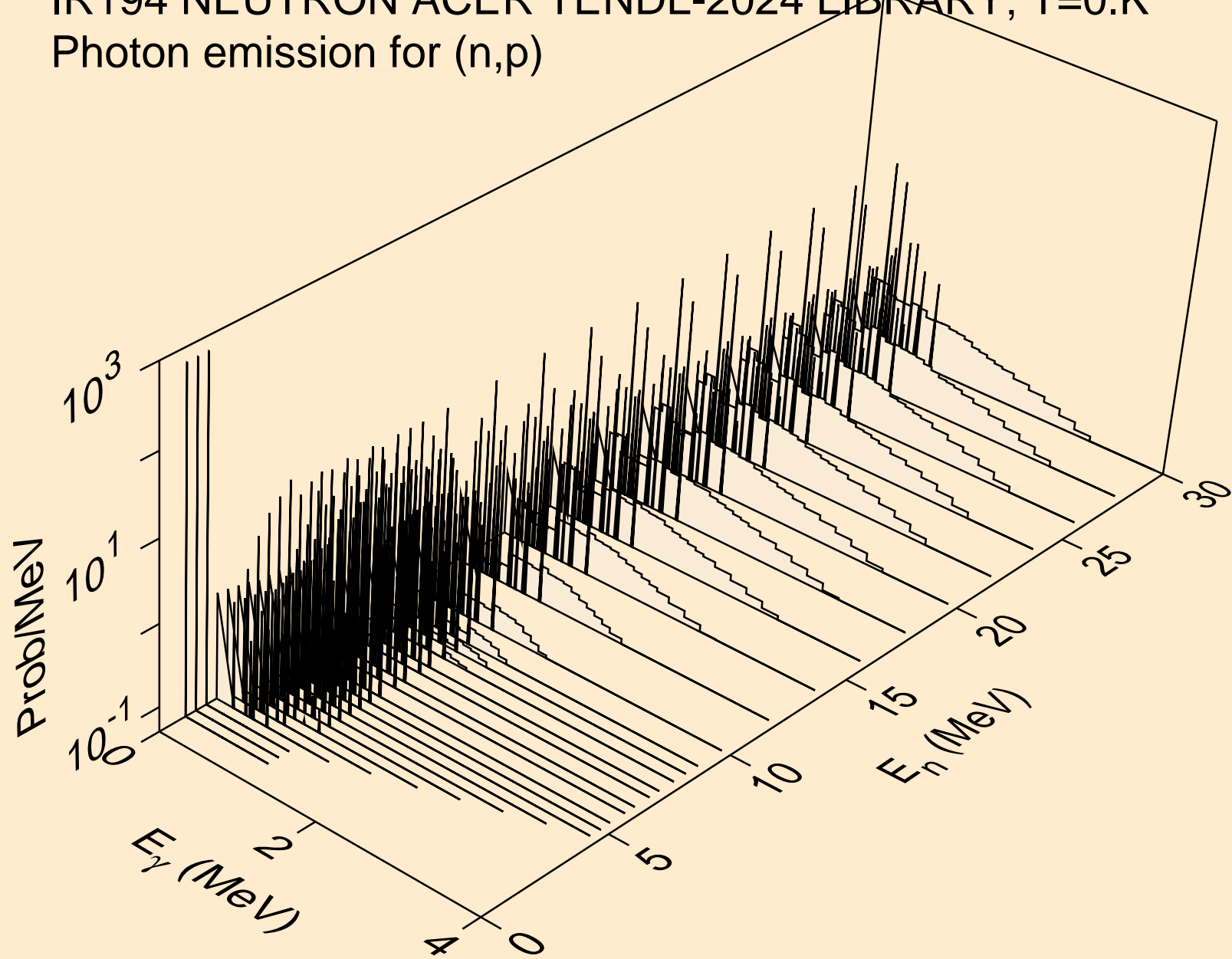
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



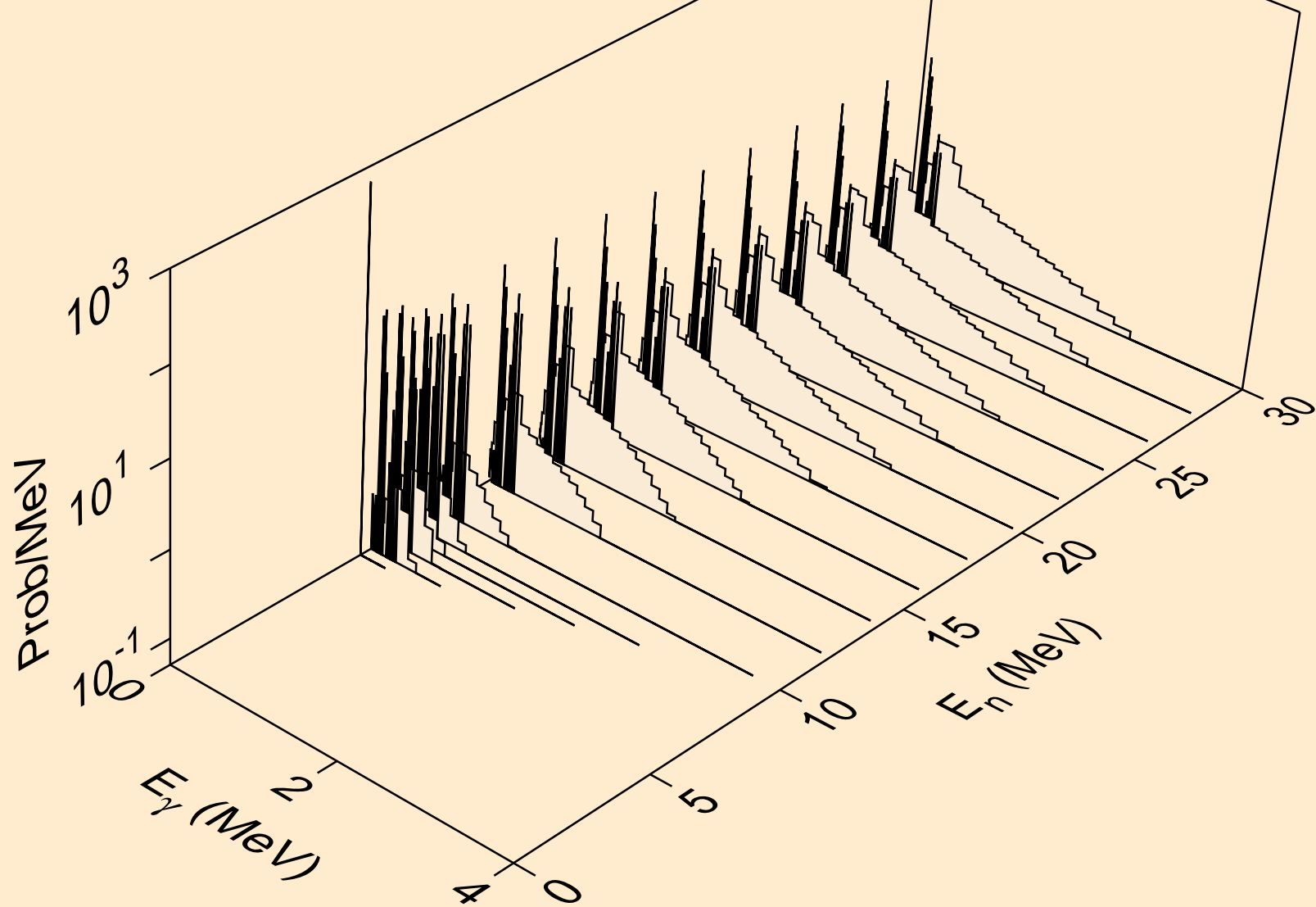
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



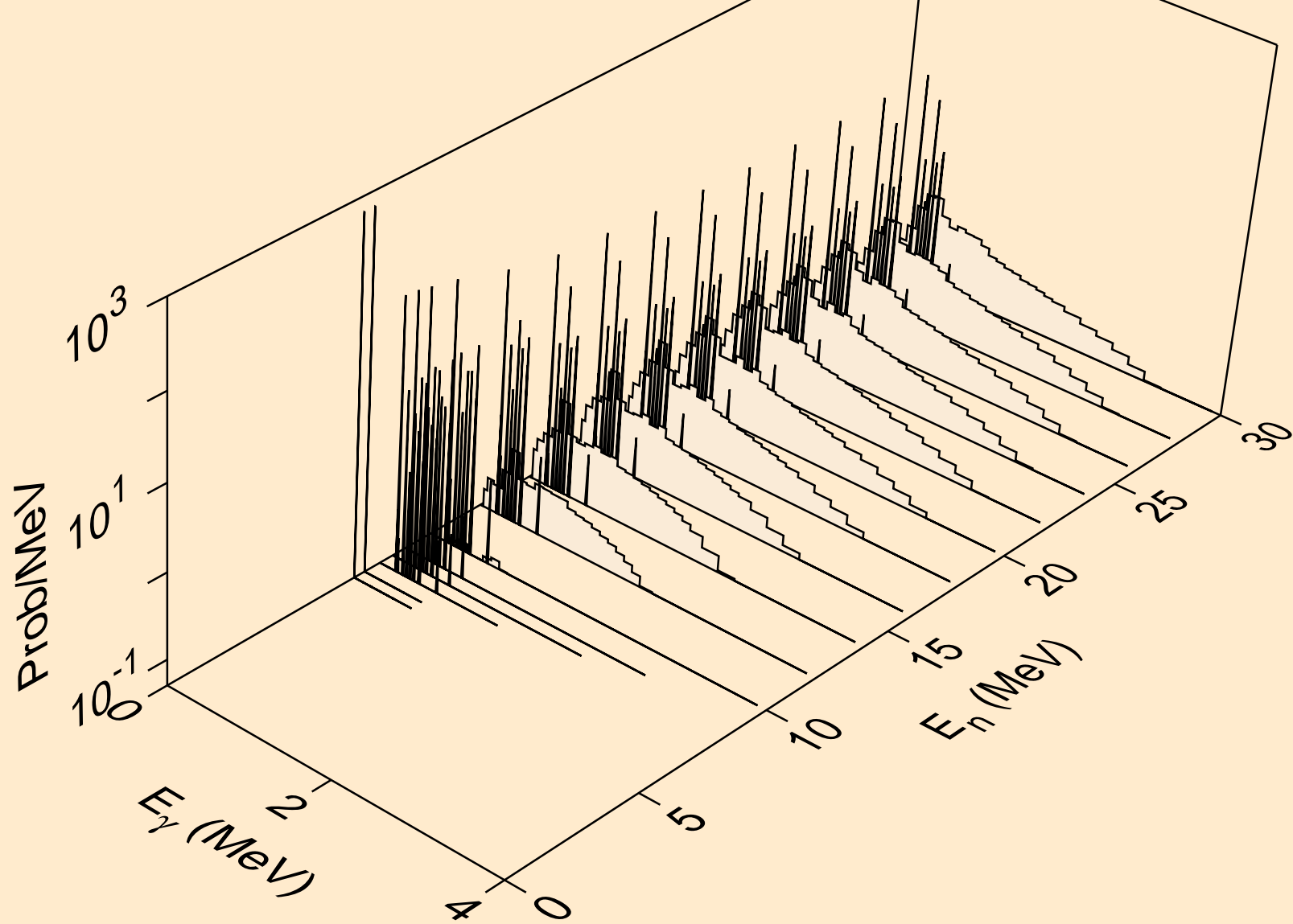
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

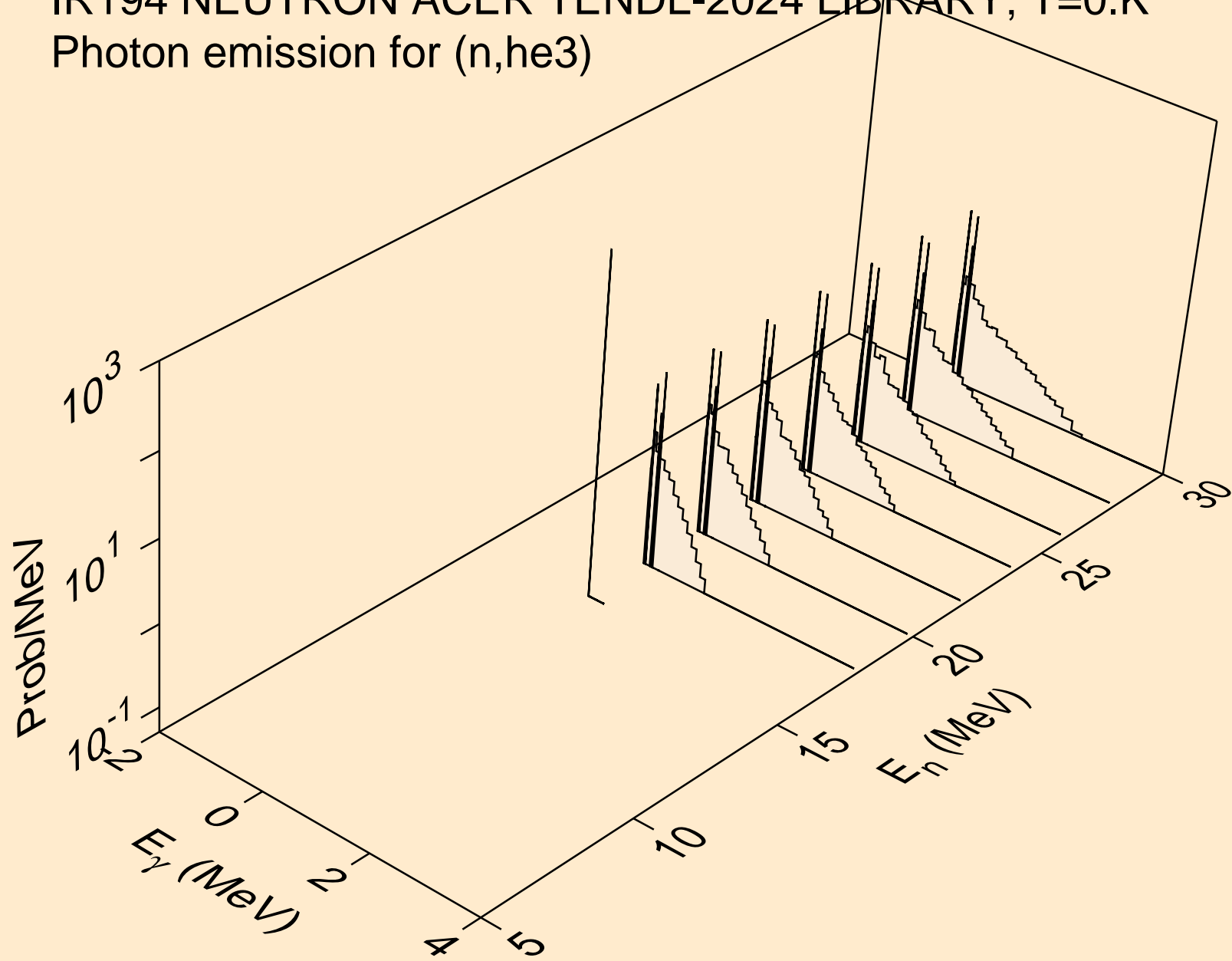


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

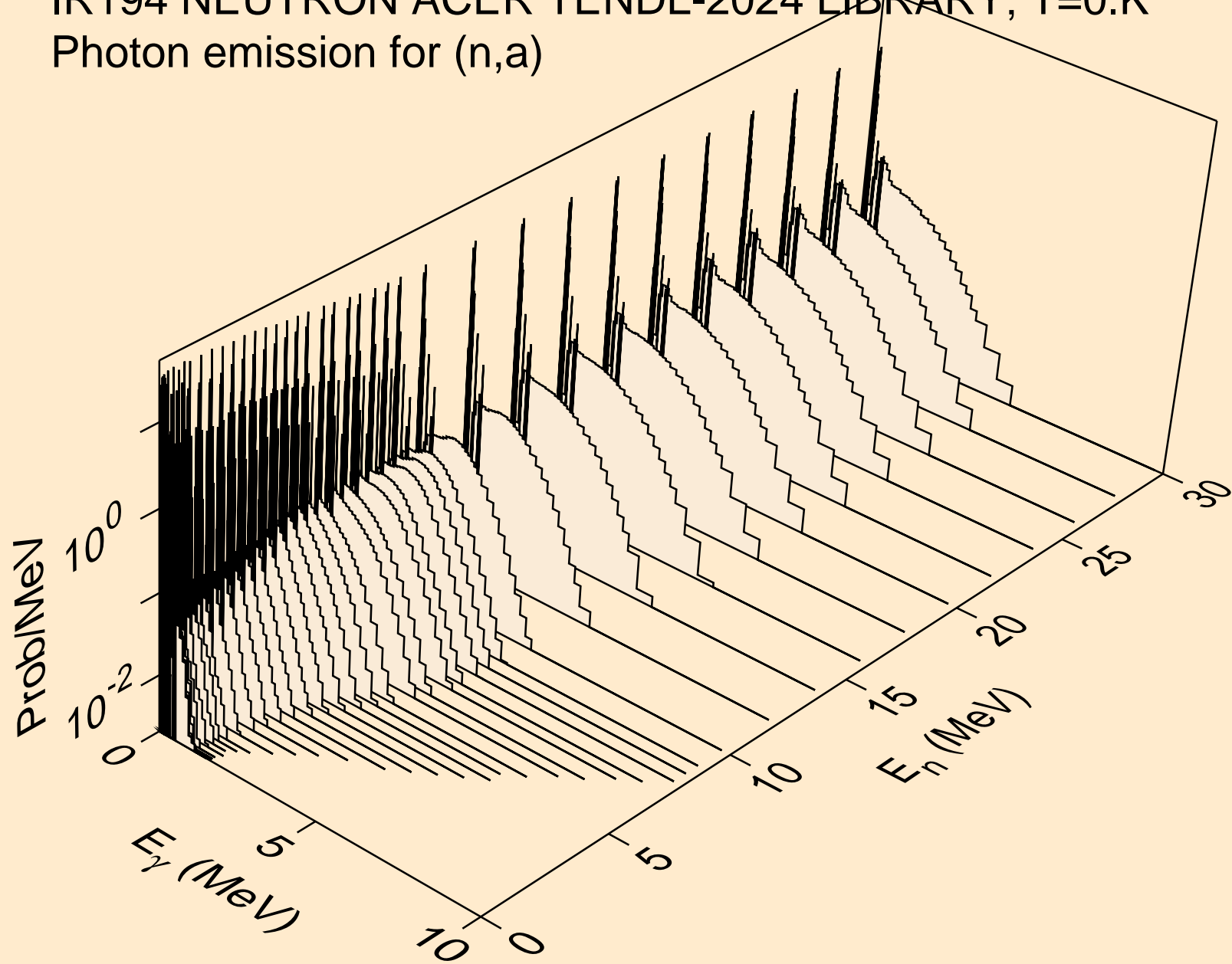




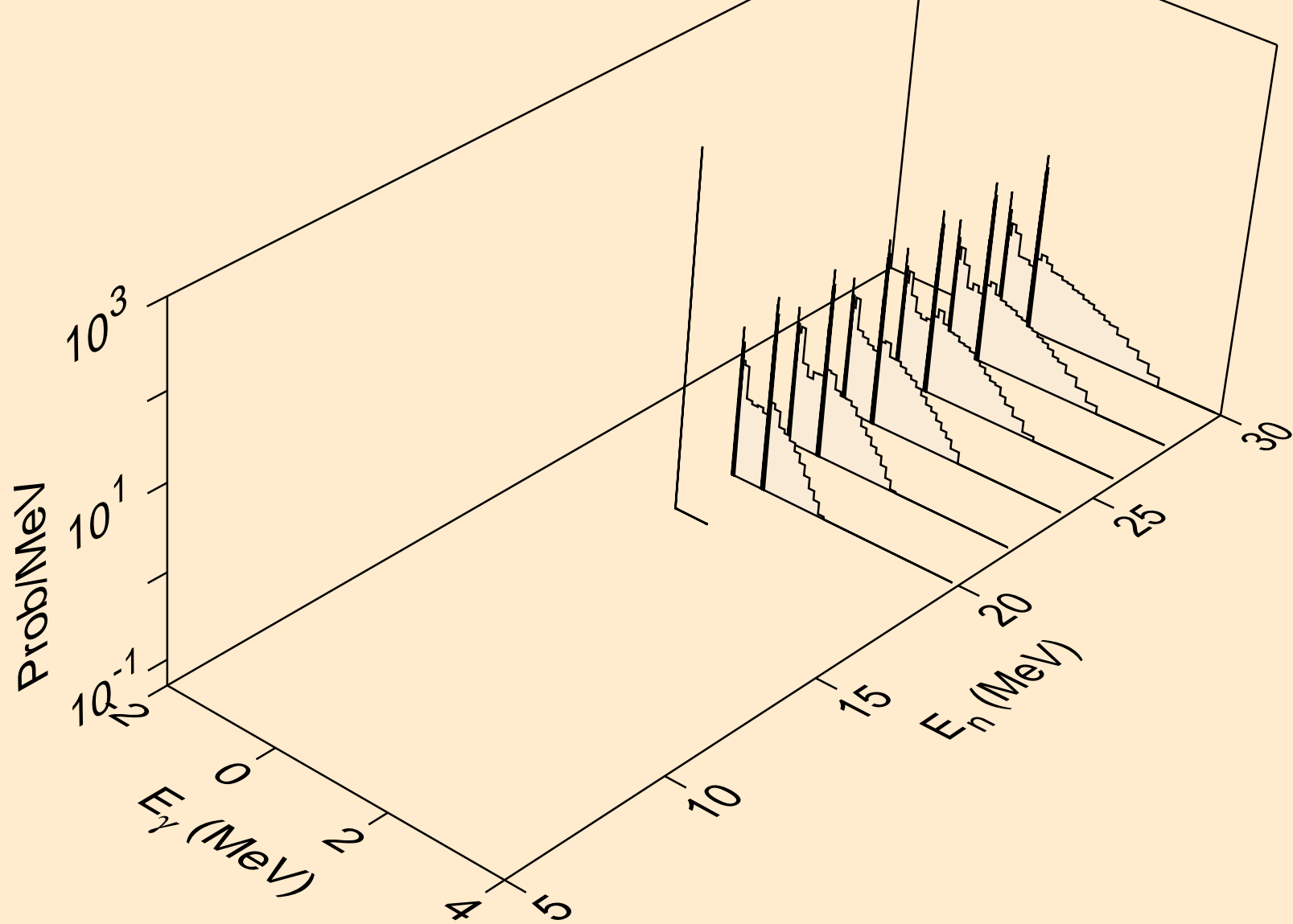
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



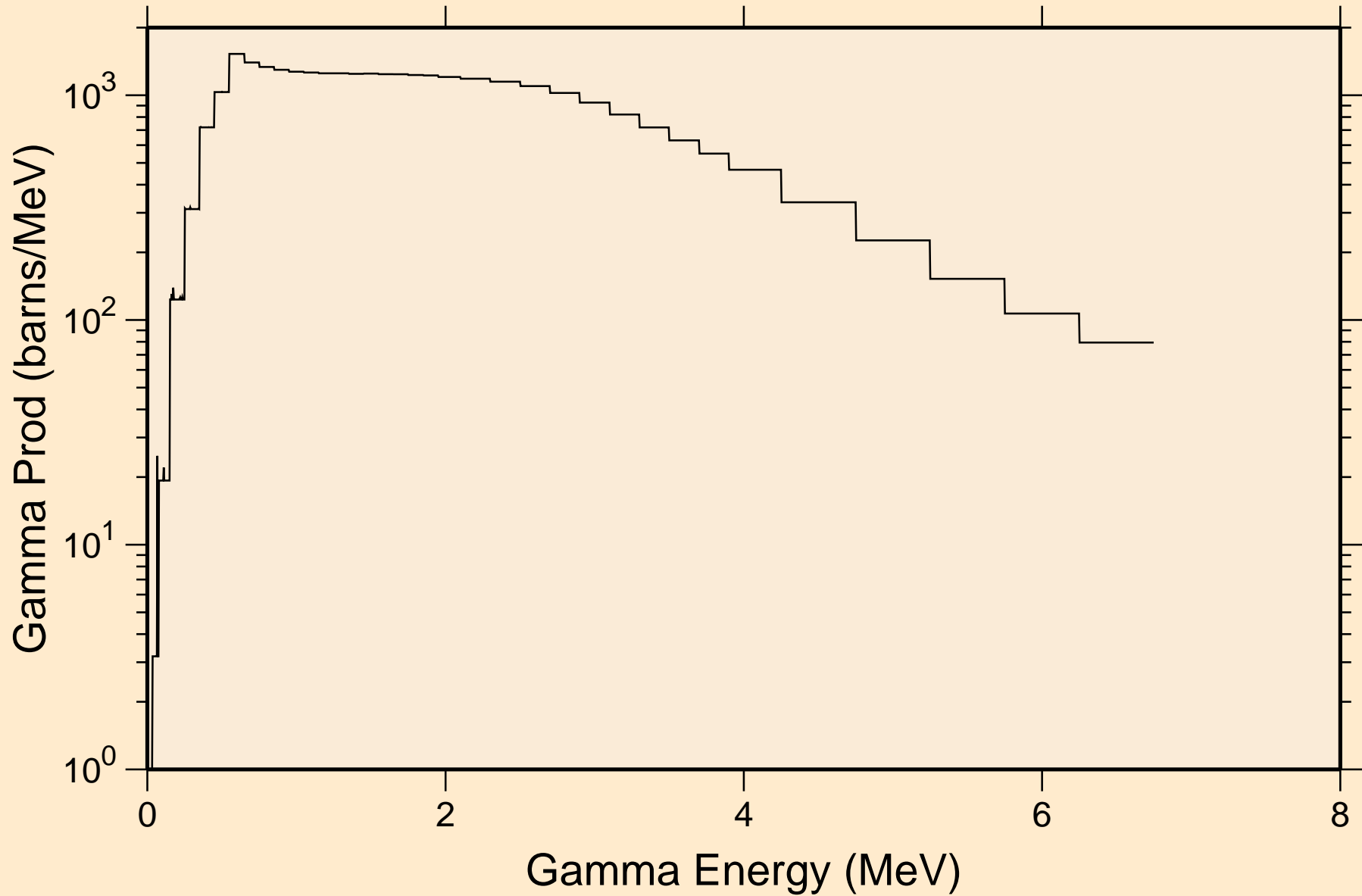
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



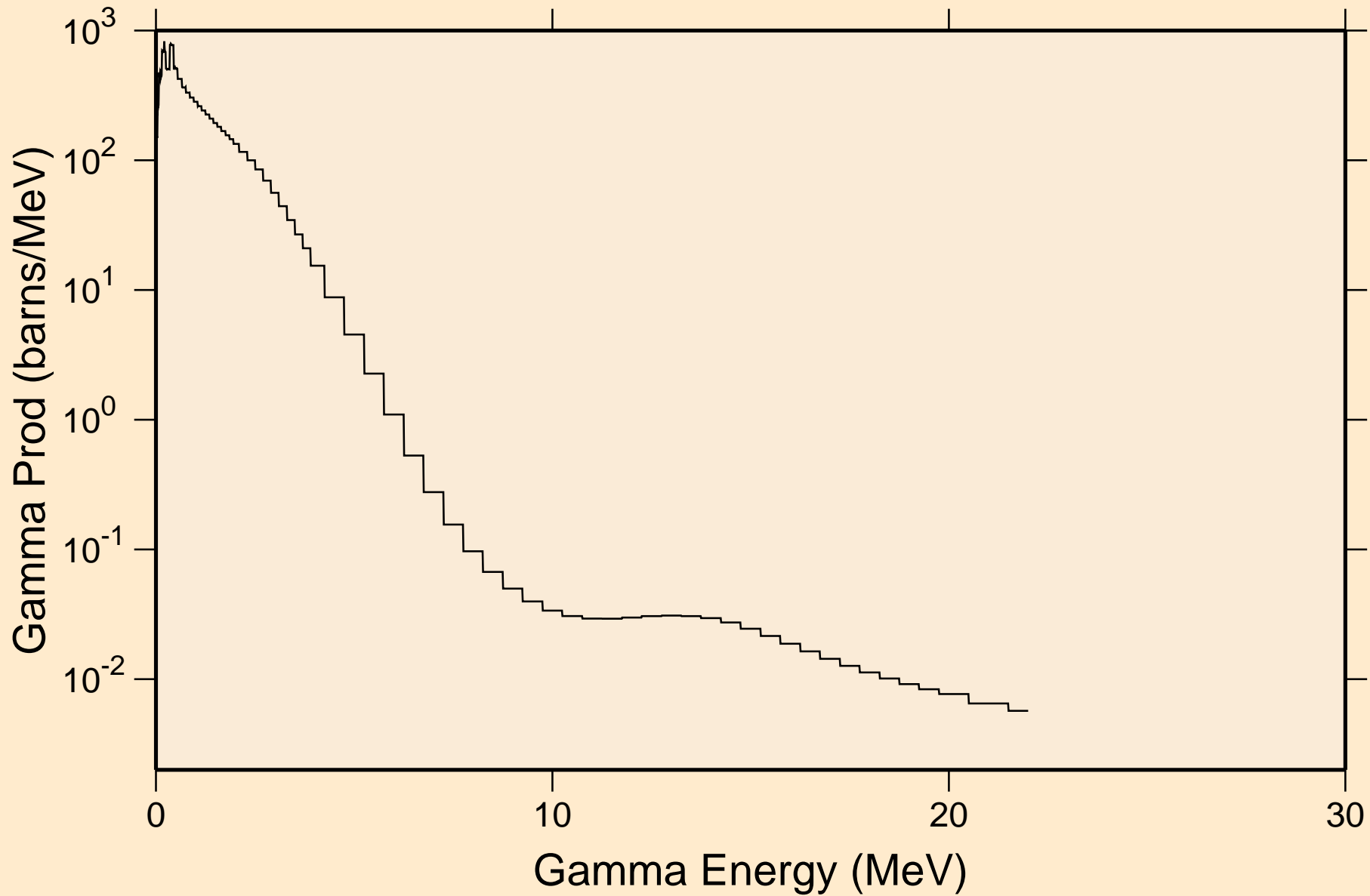
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

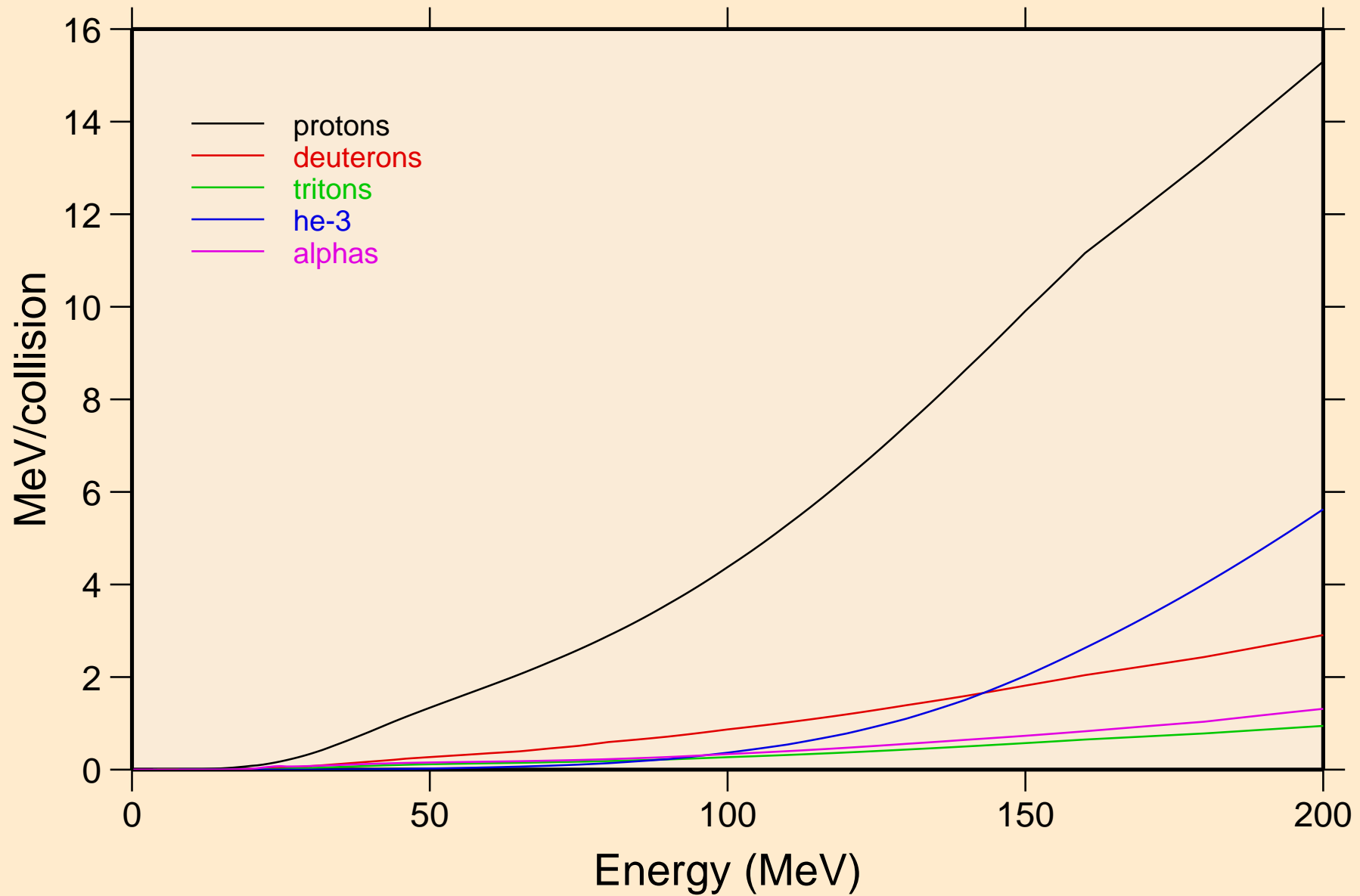


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

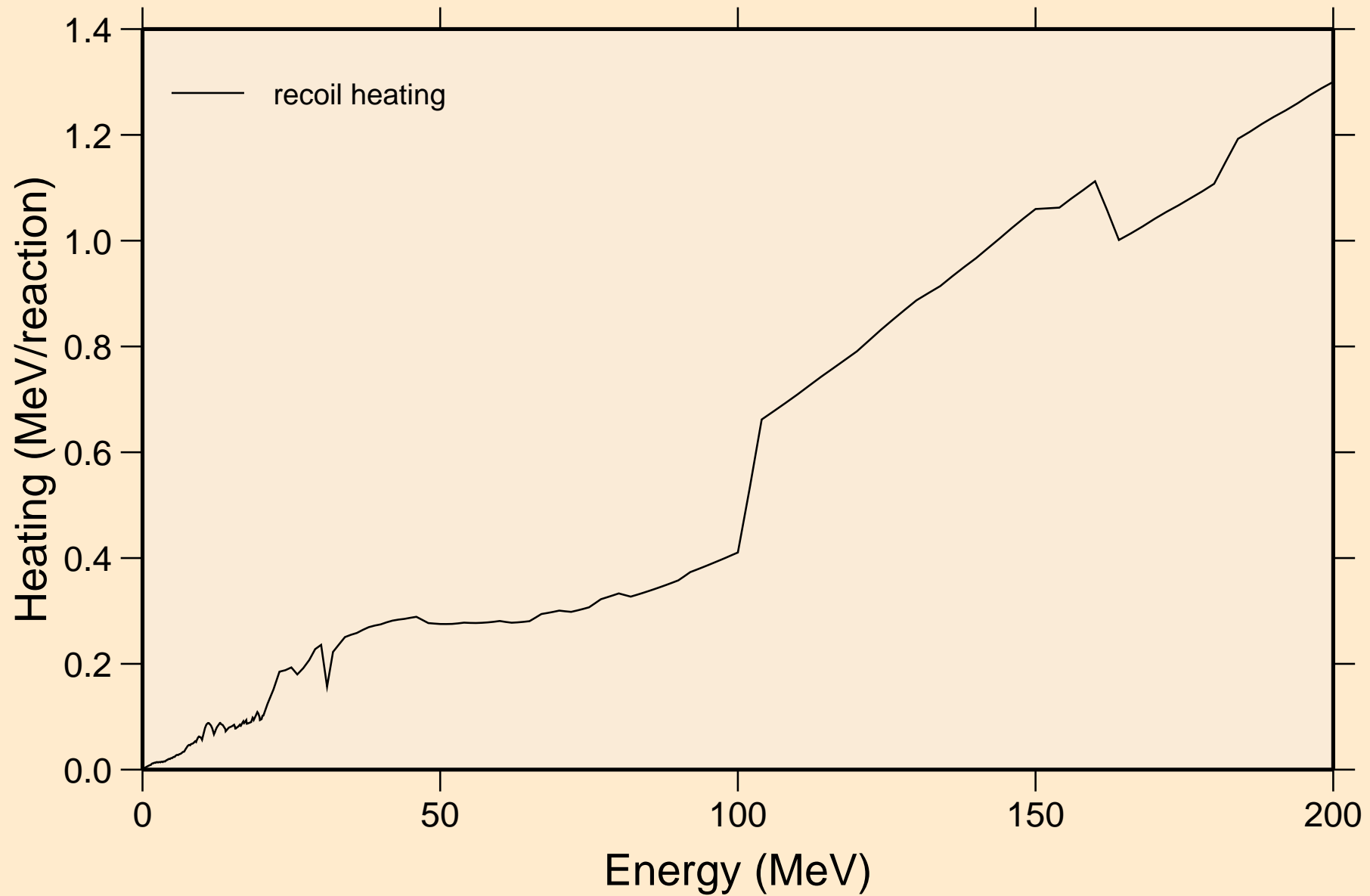


# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

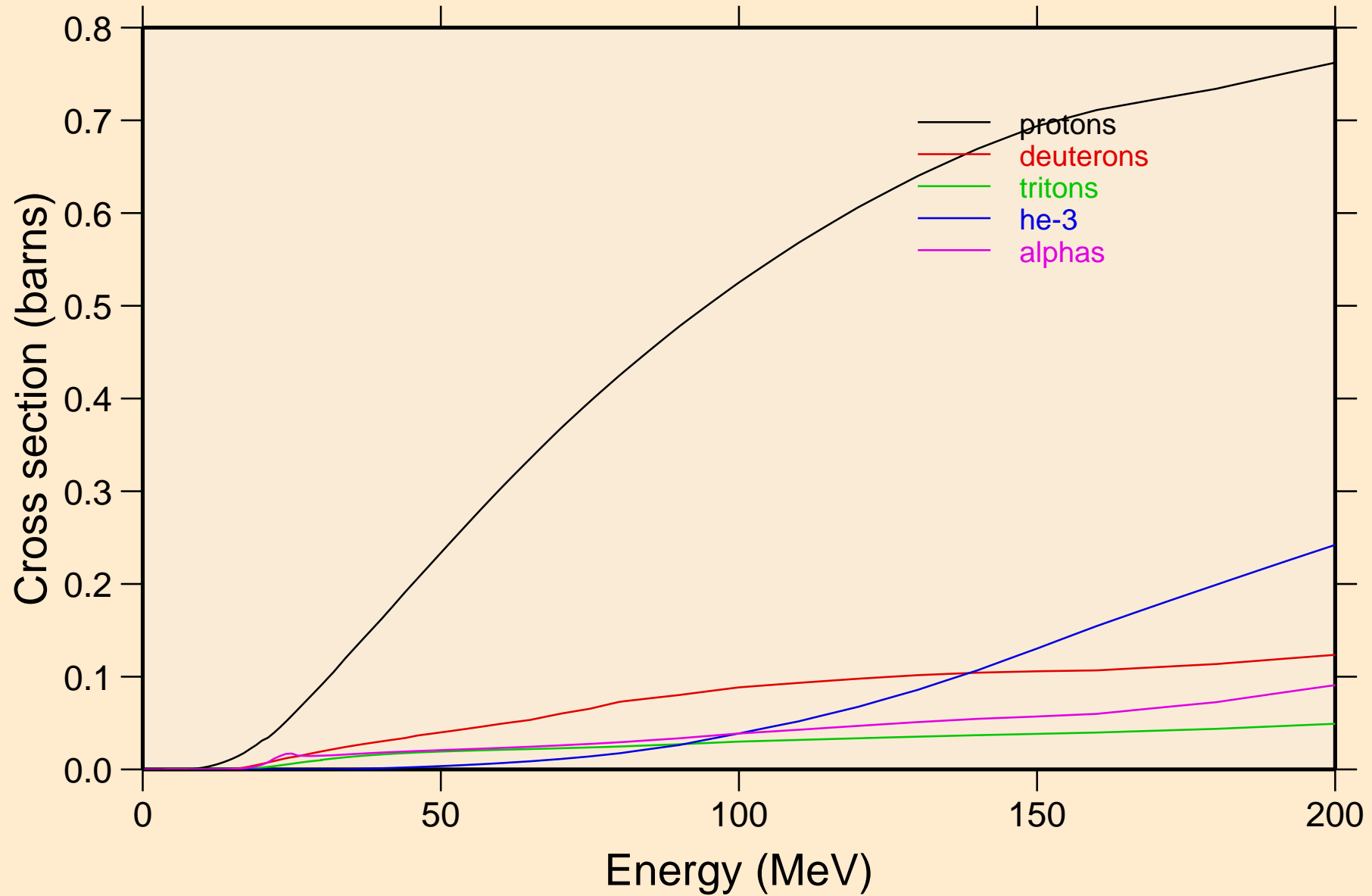


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



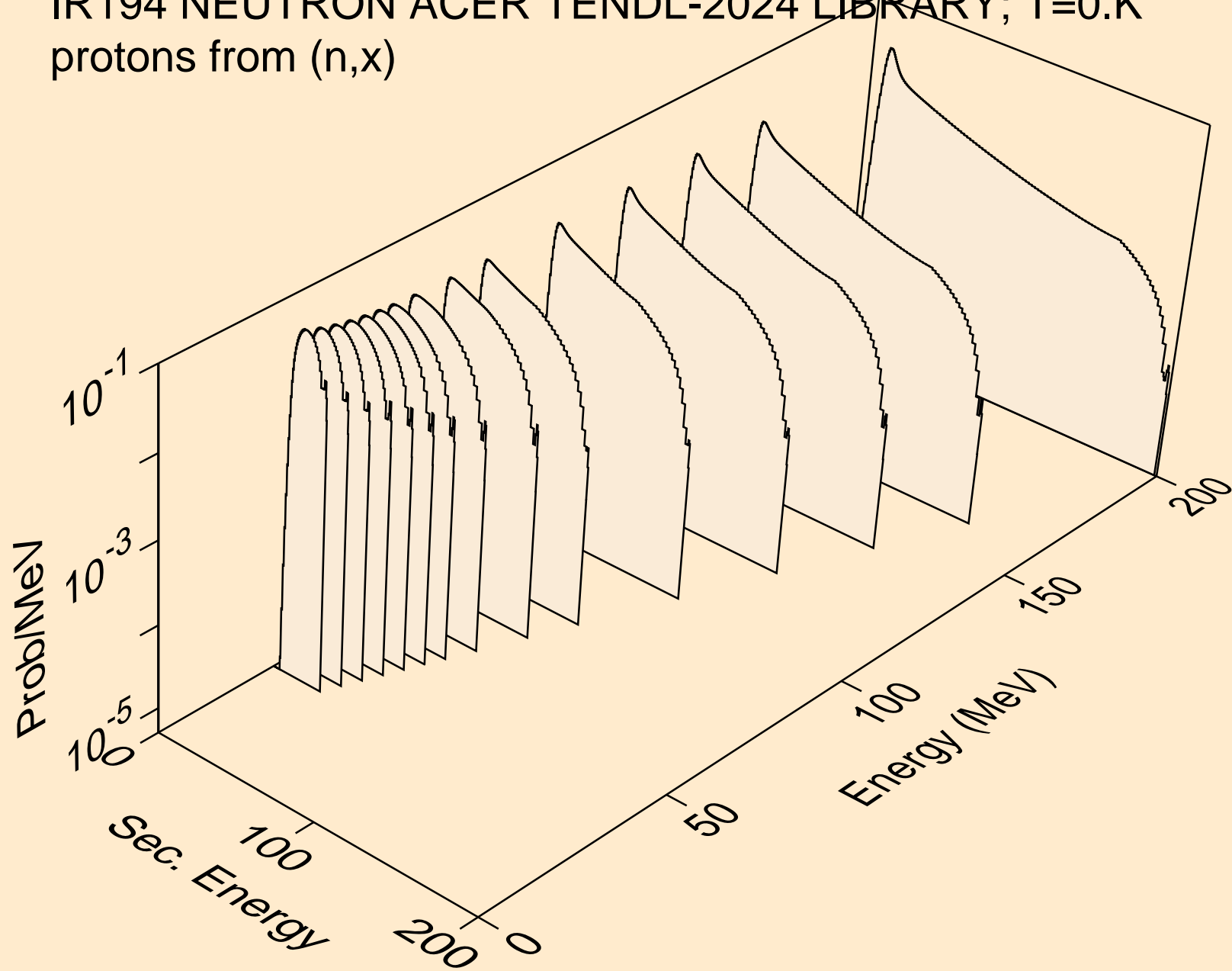
# IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

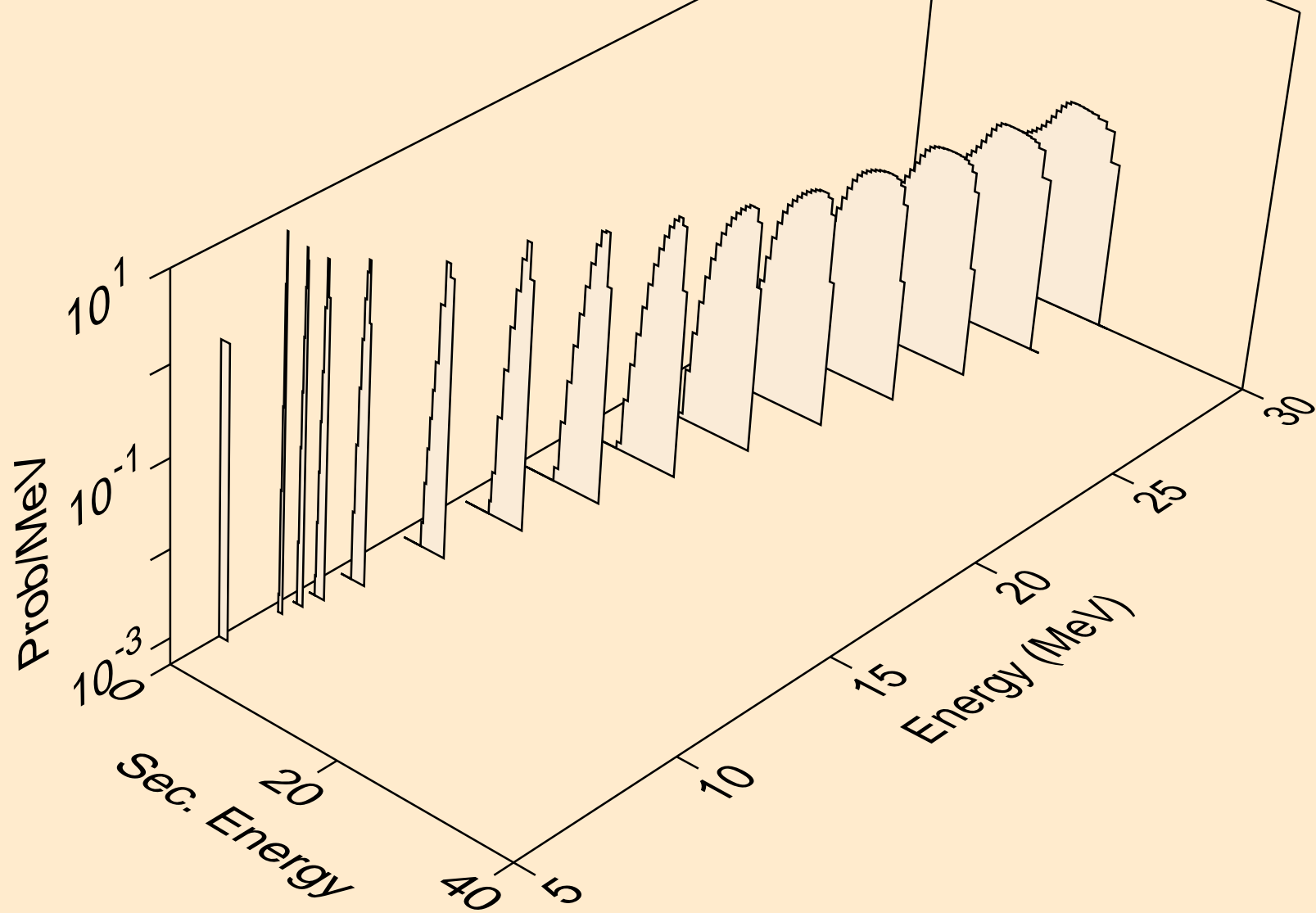




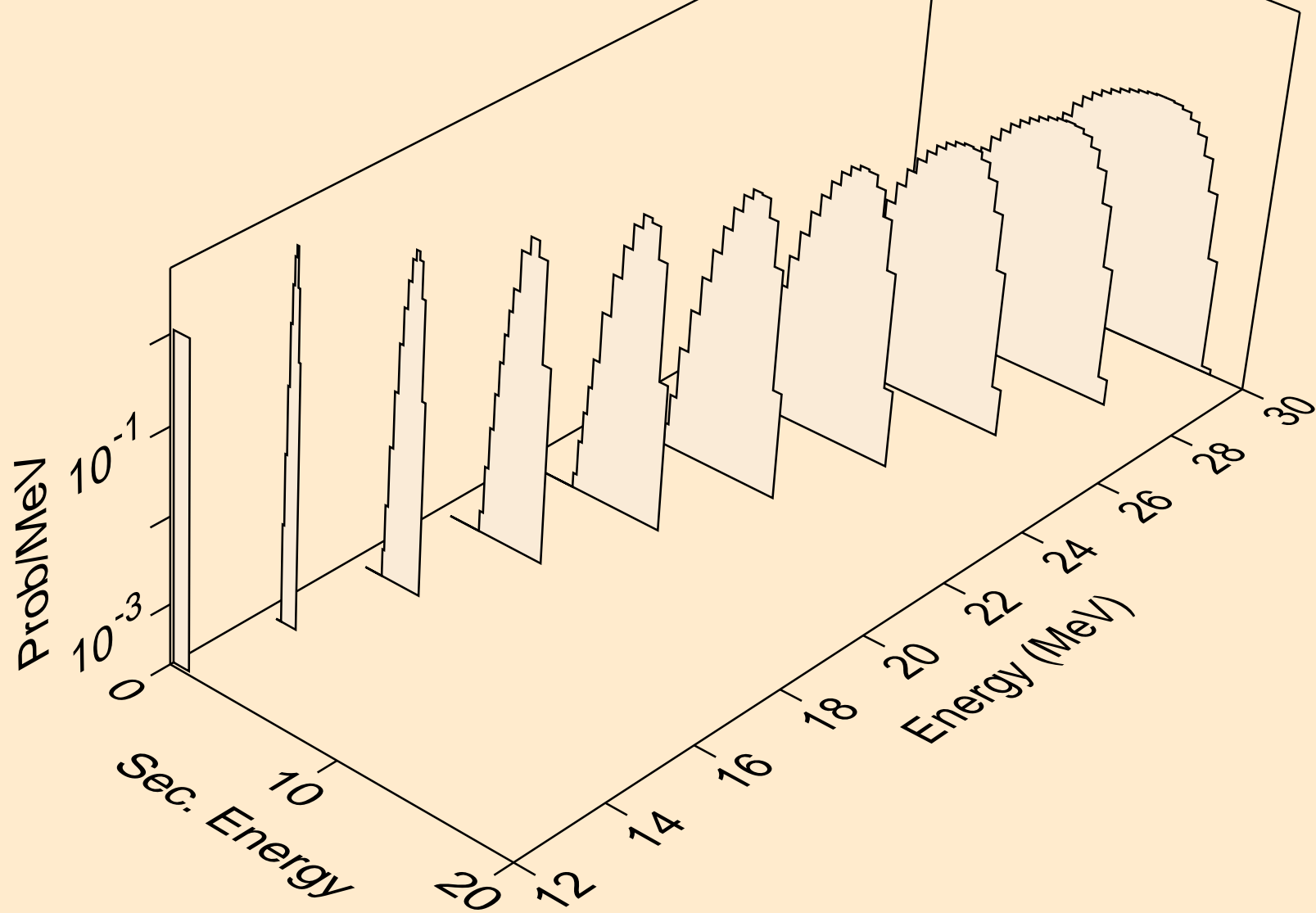
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



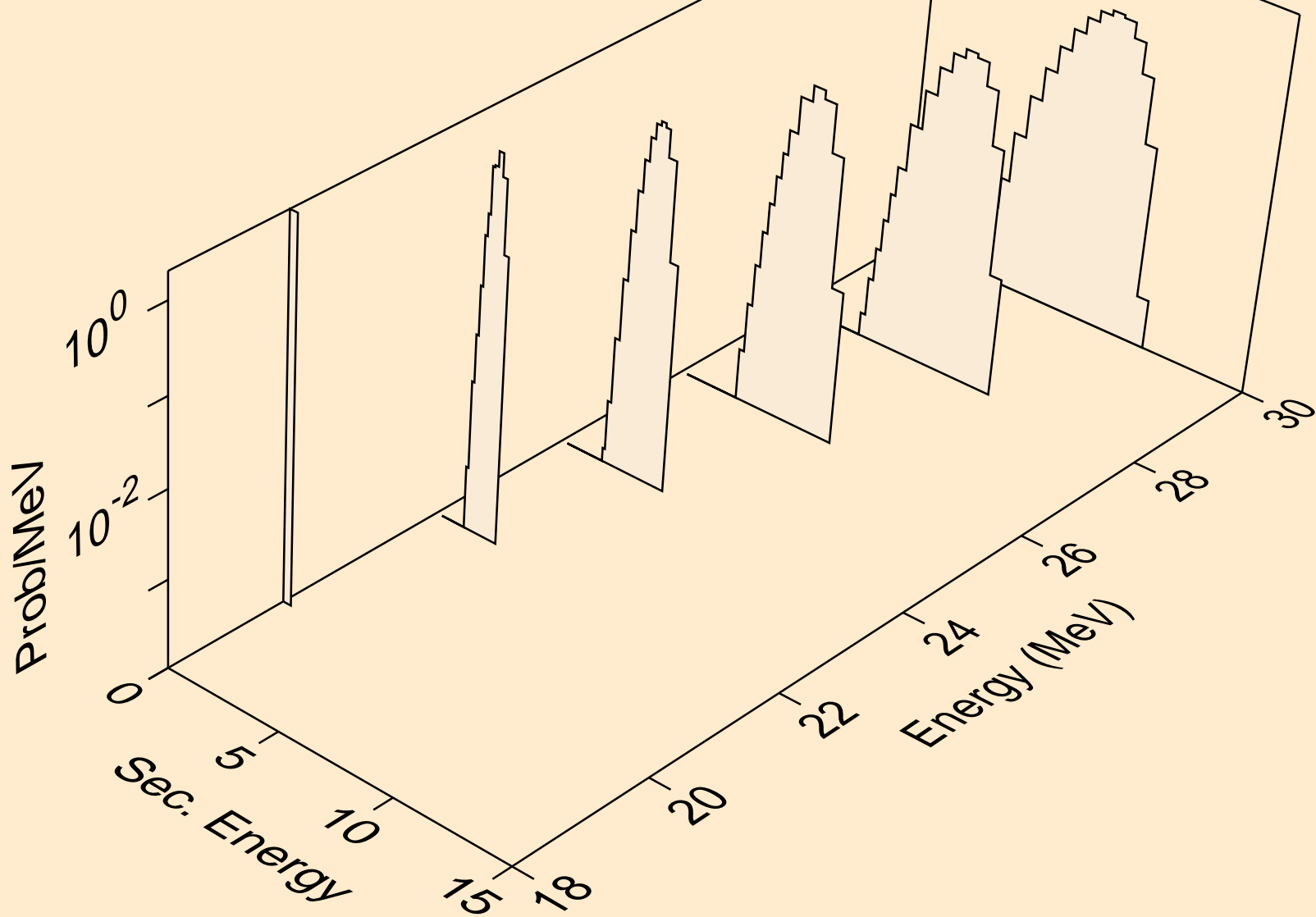
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



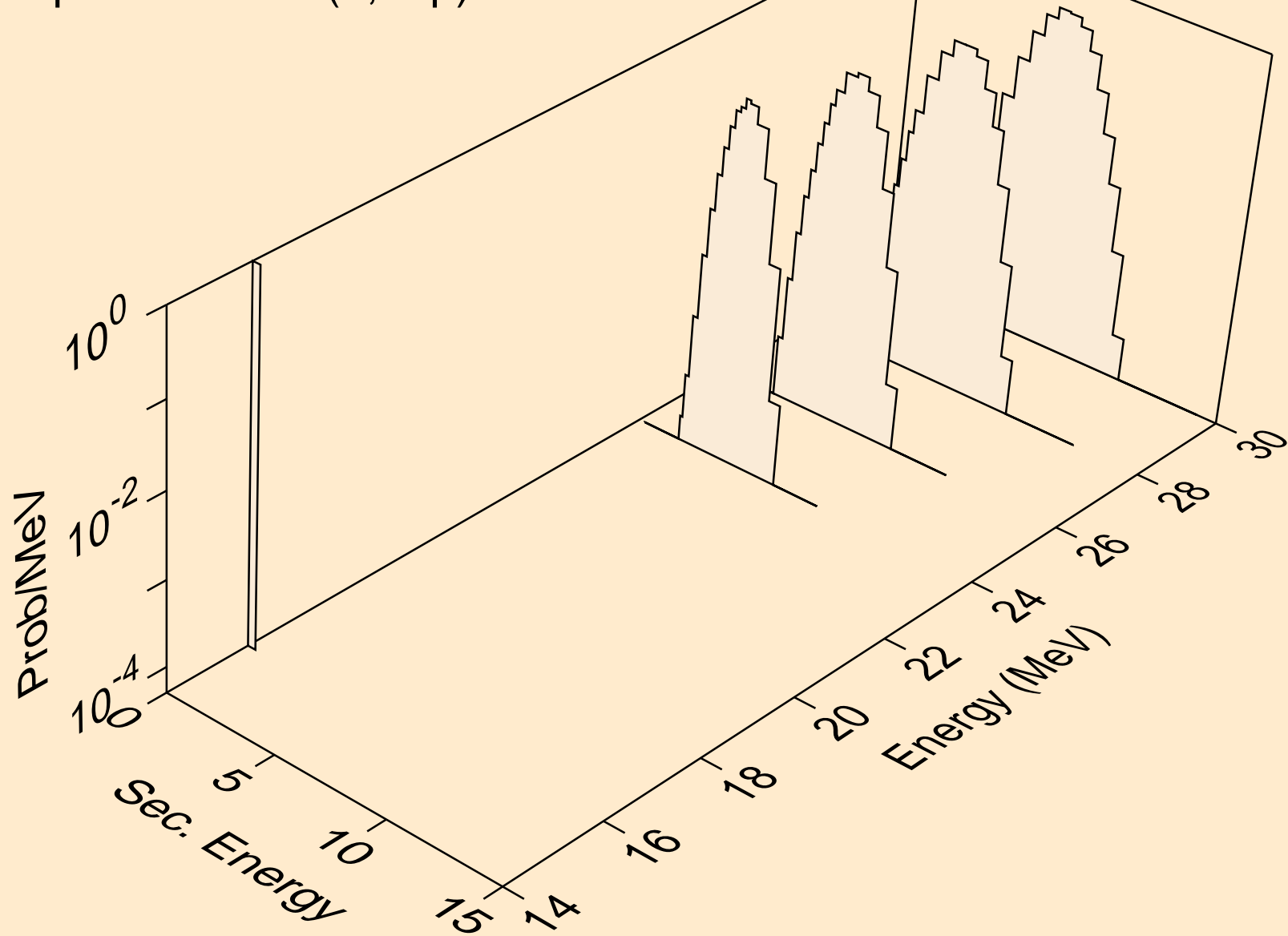
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



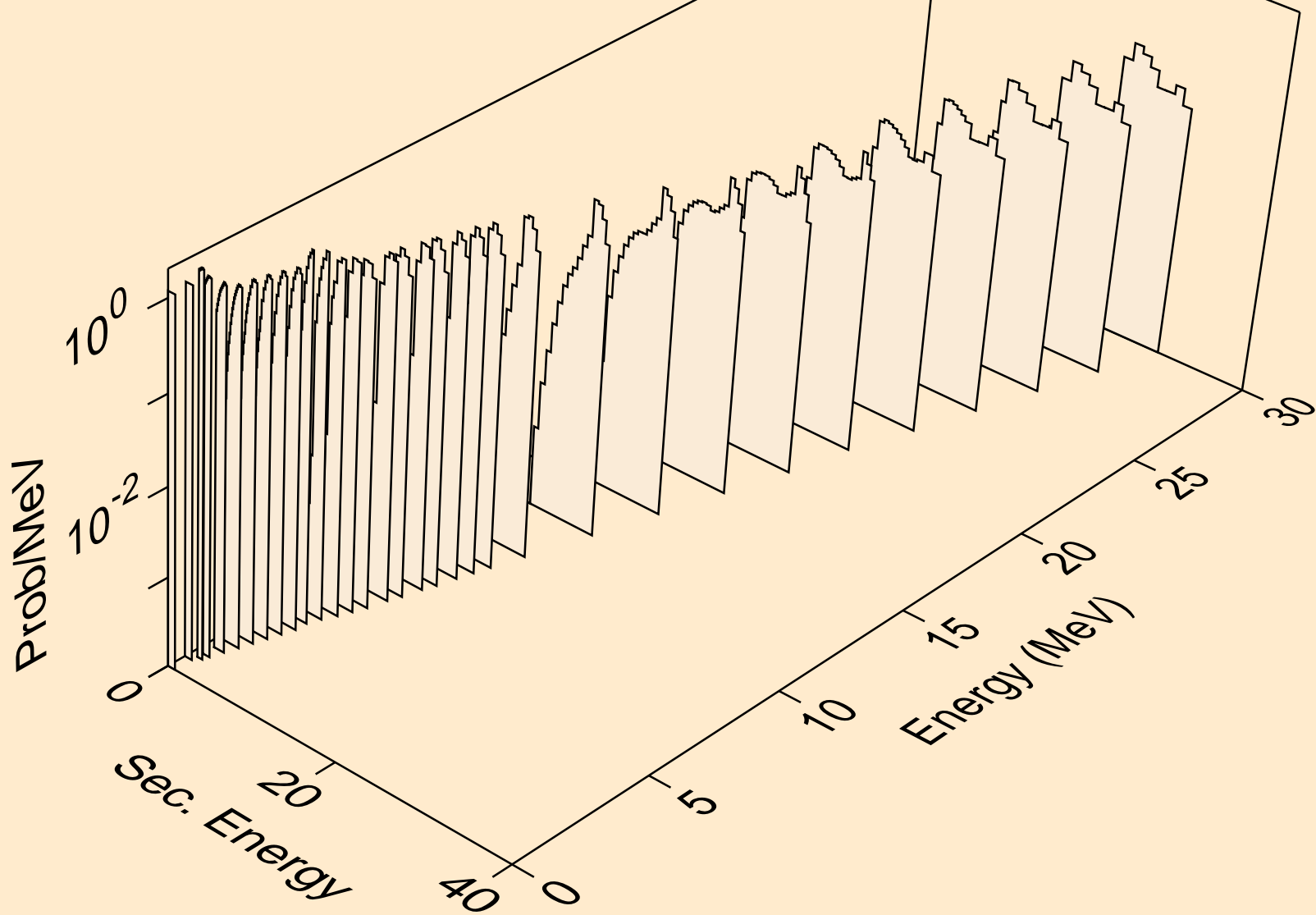
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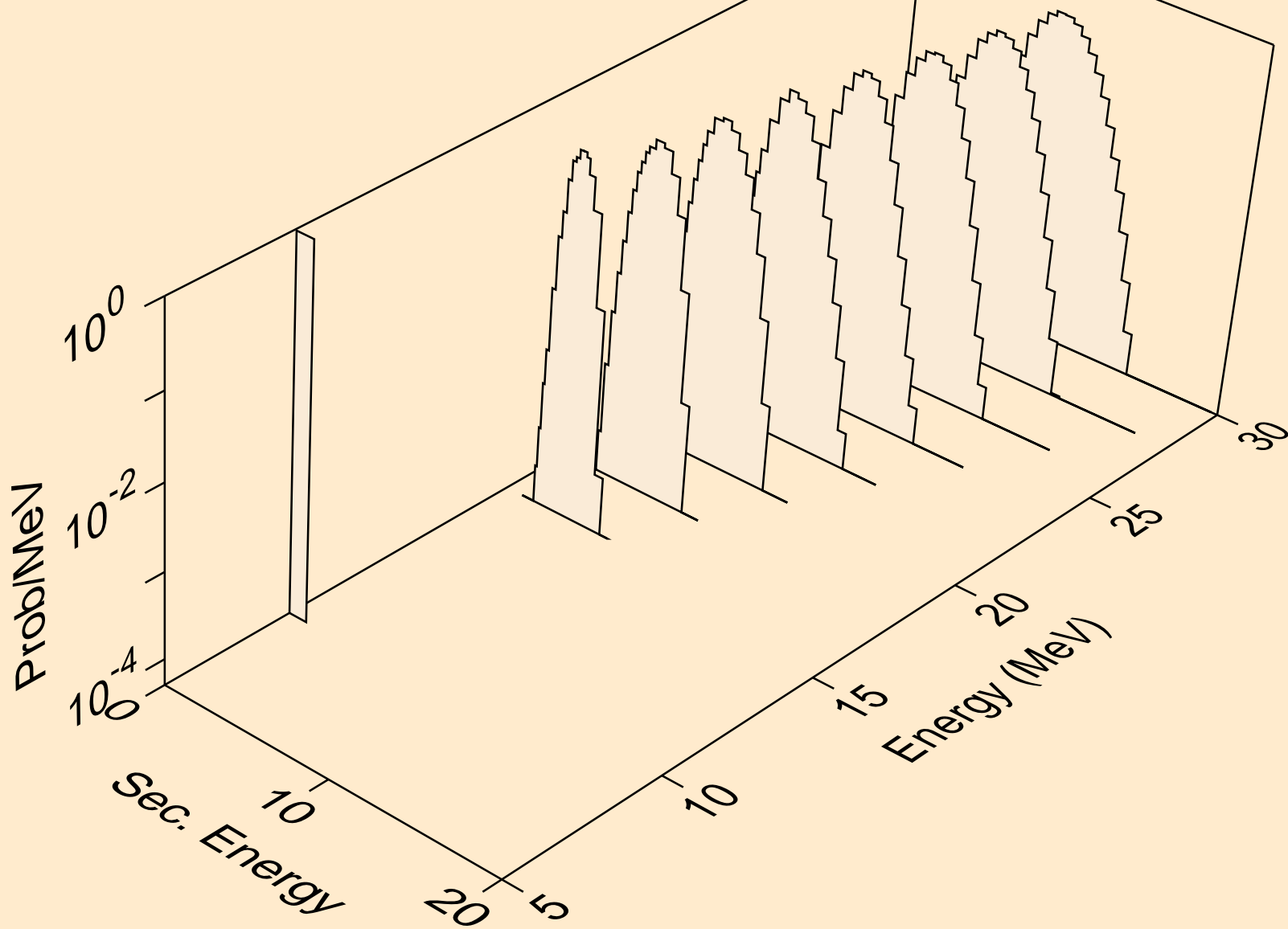
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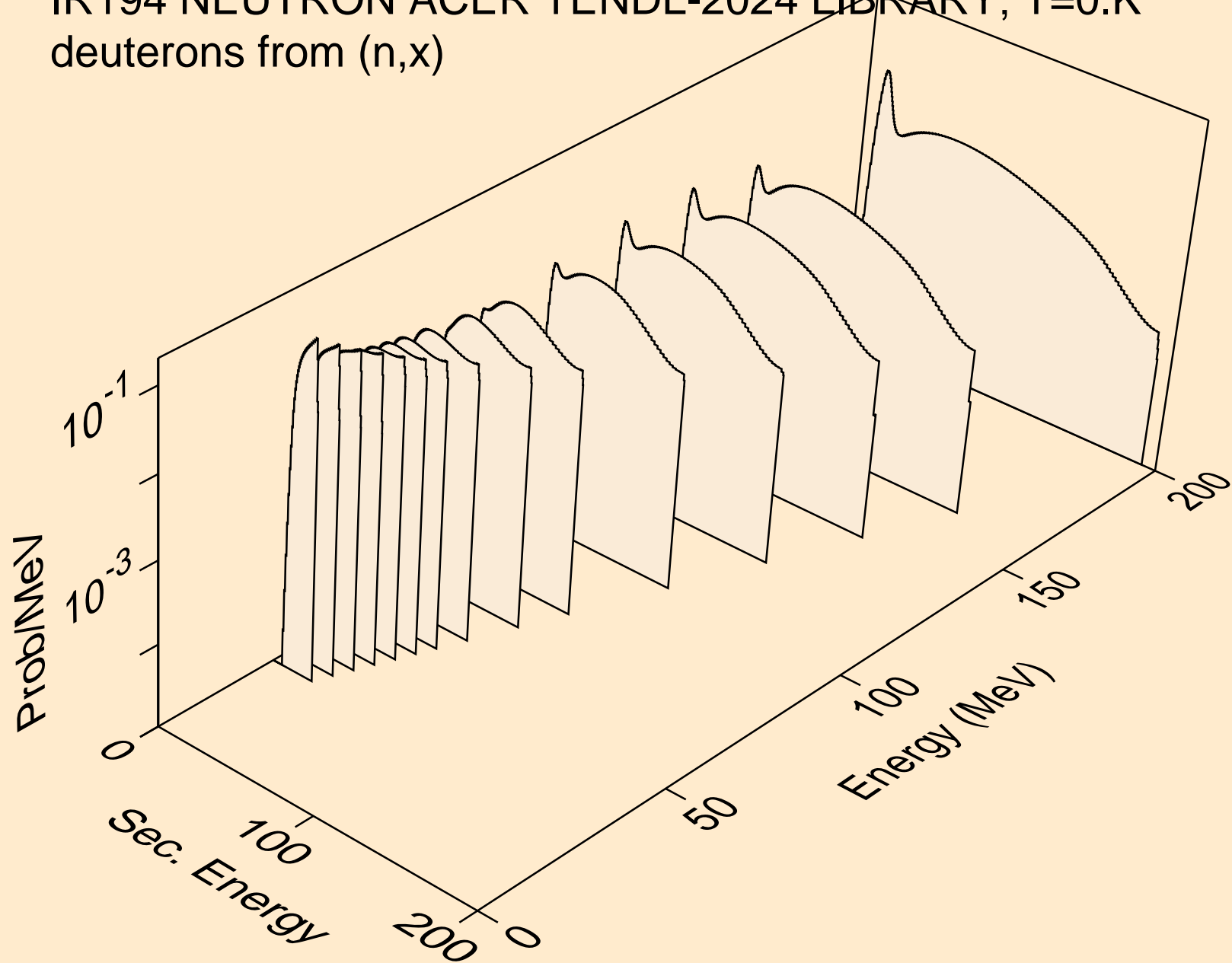
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

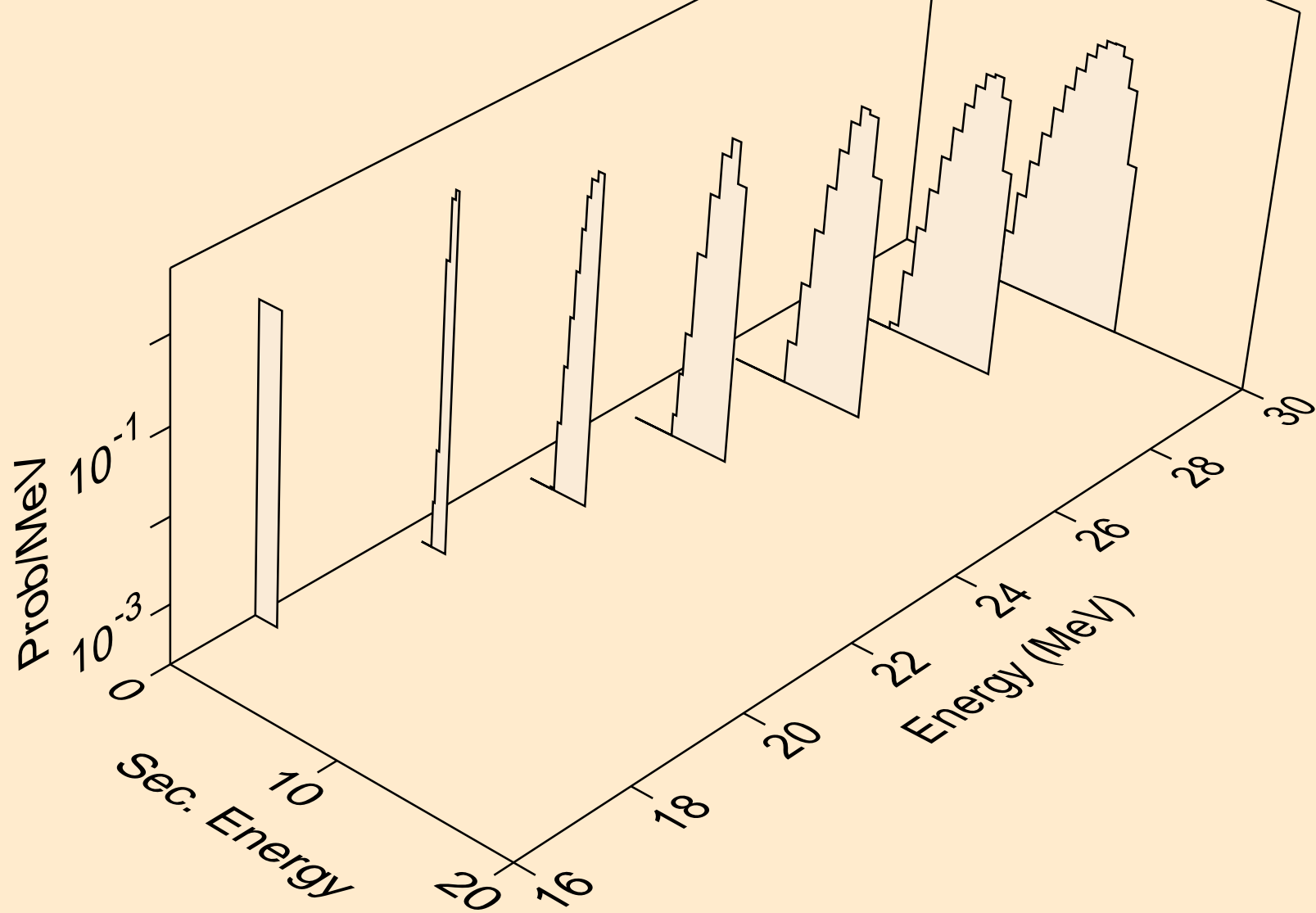


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

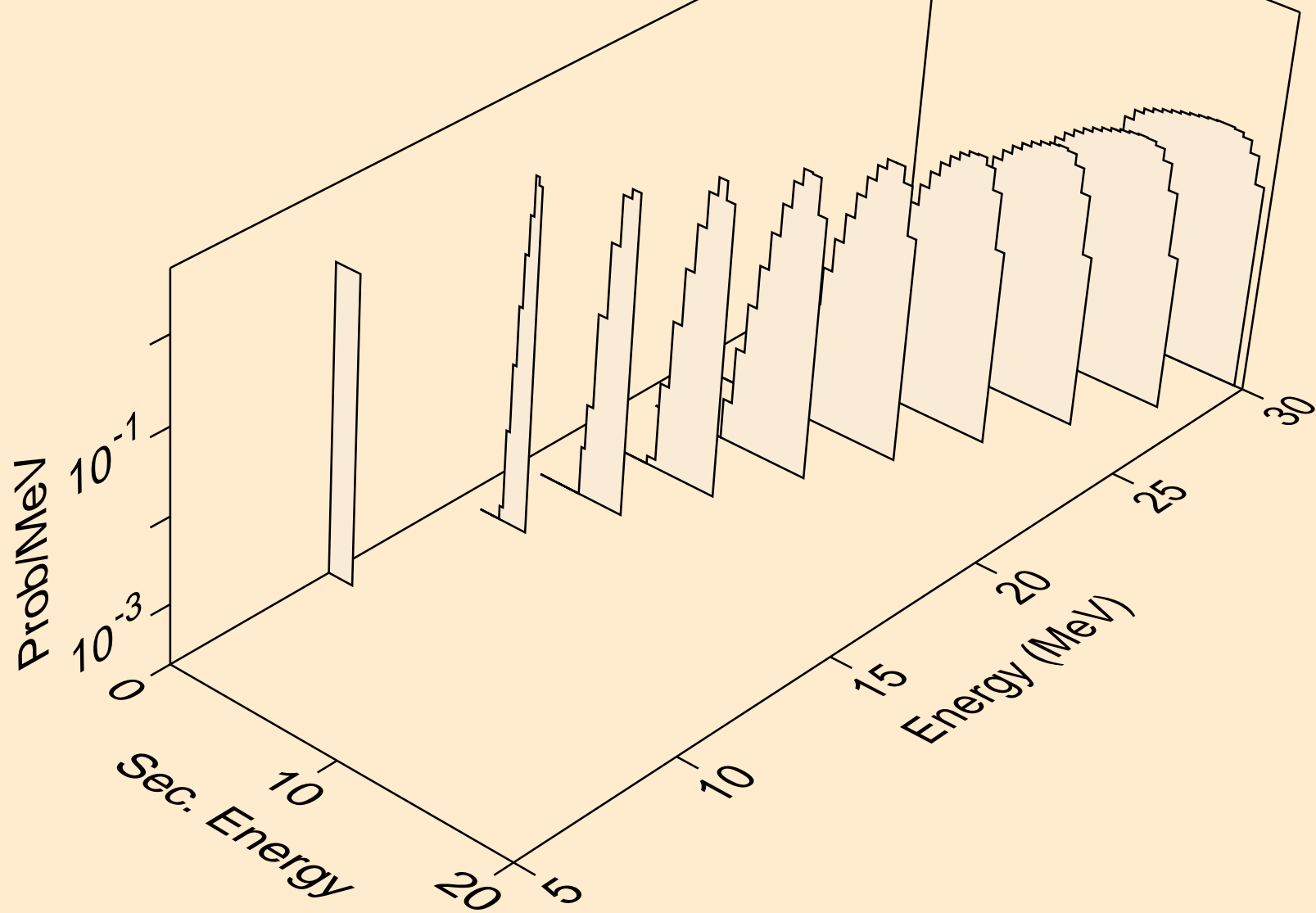




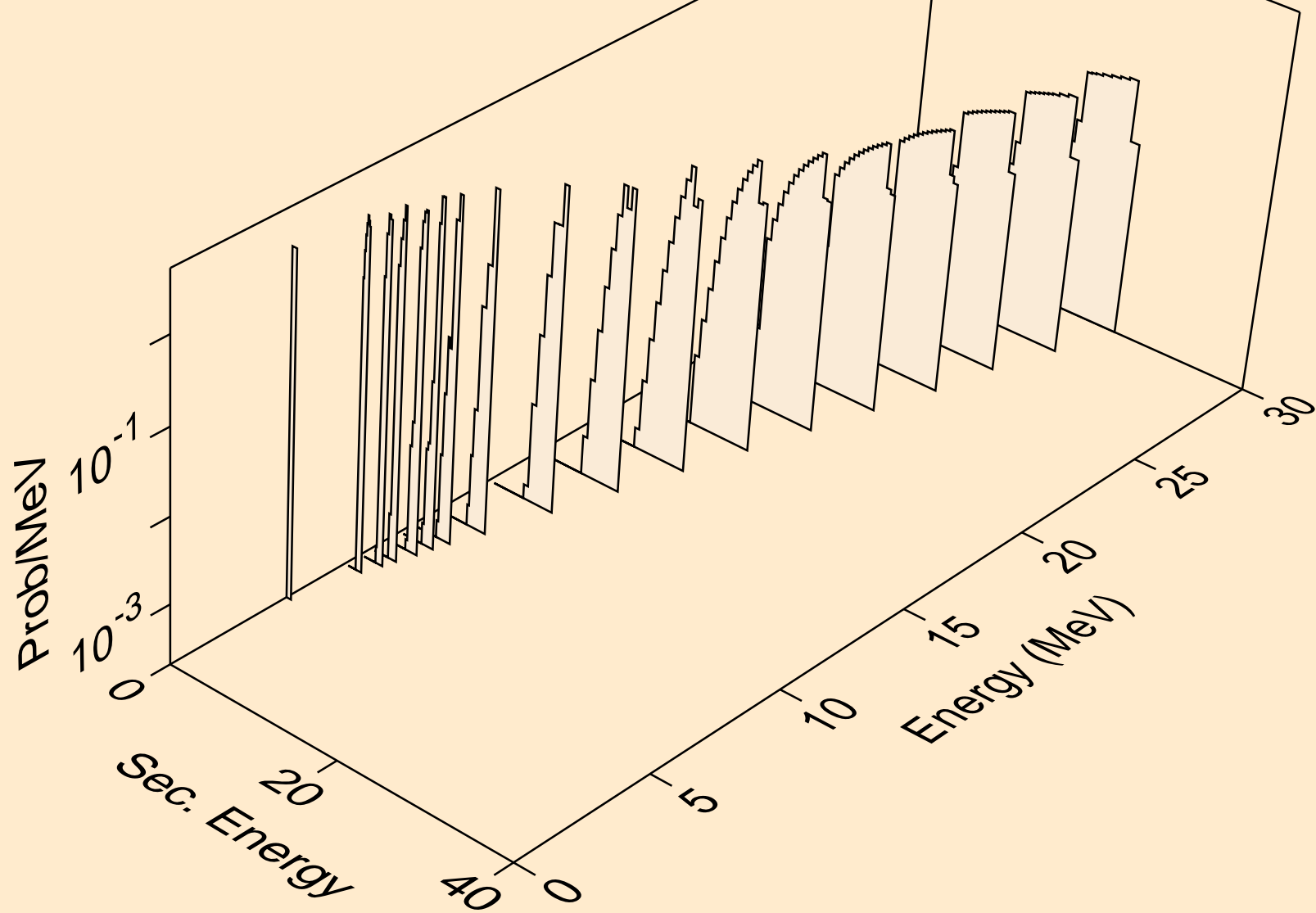
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deuterons from (n,2nd)



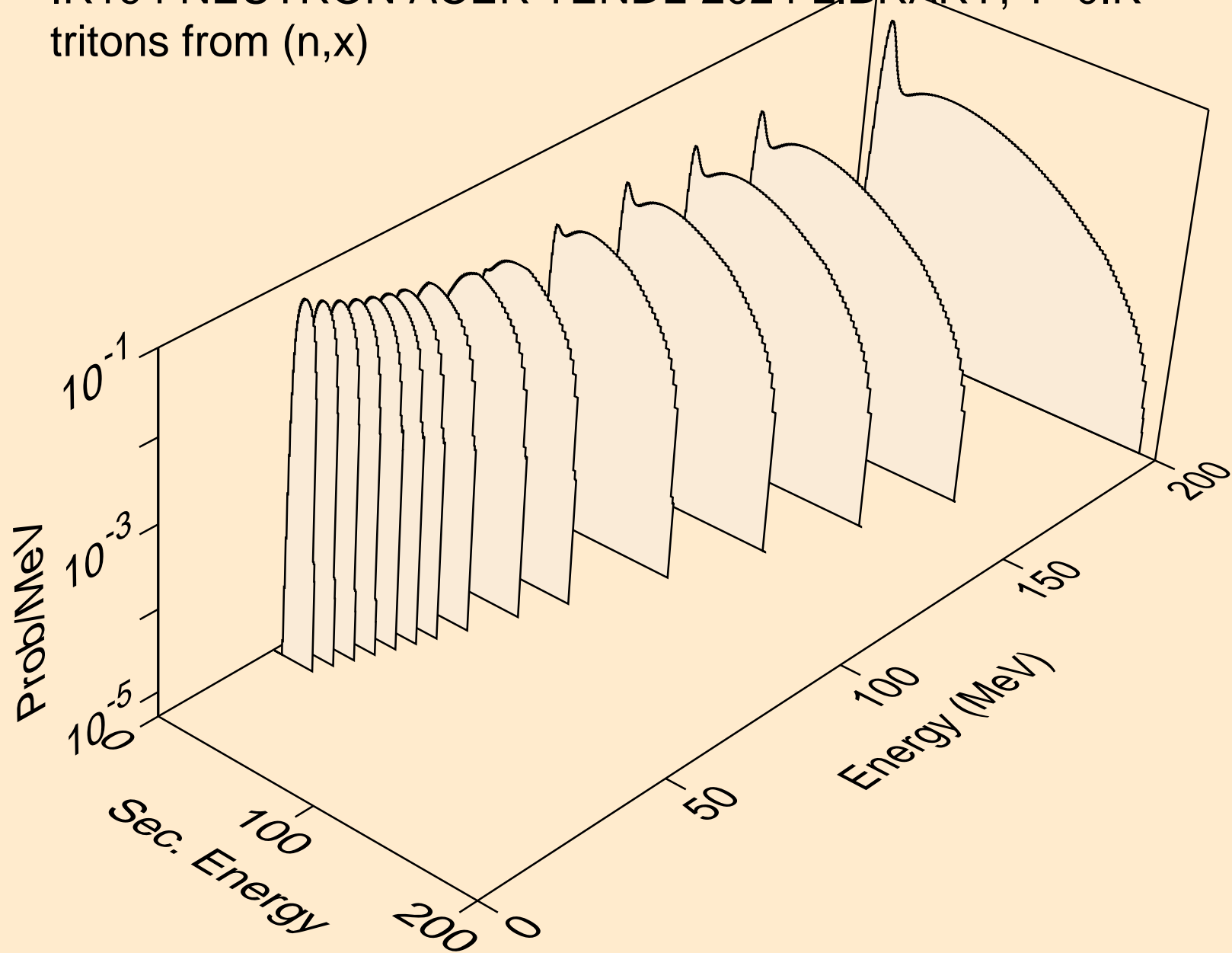
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



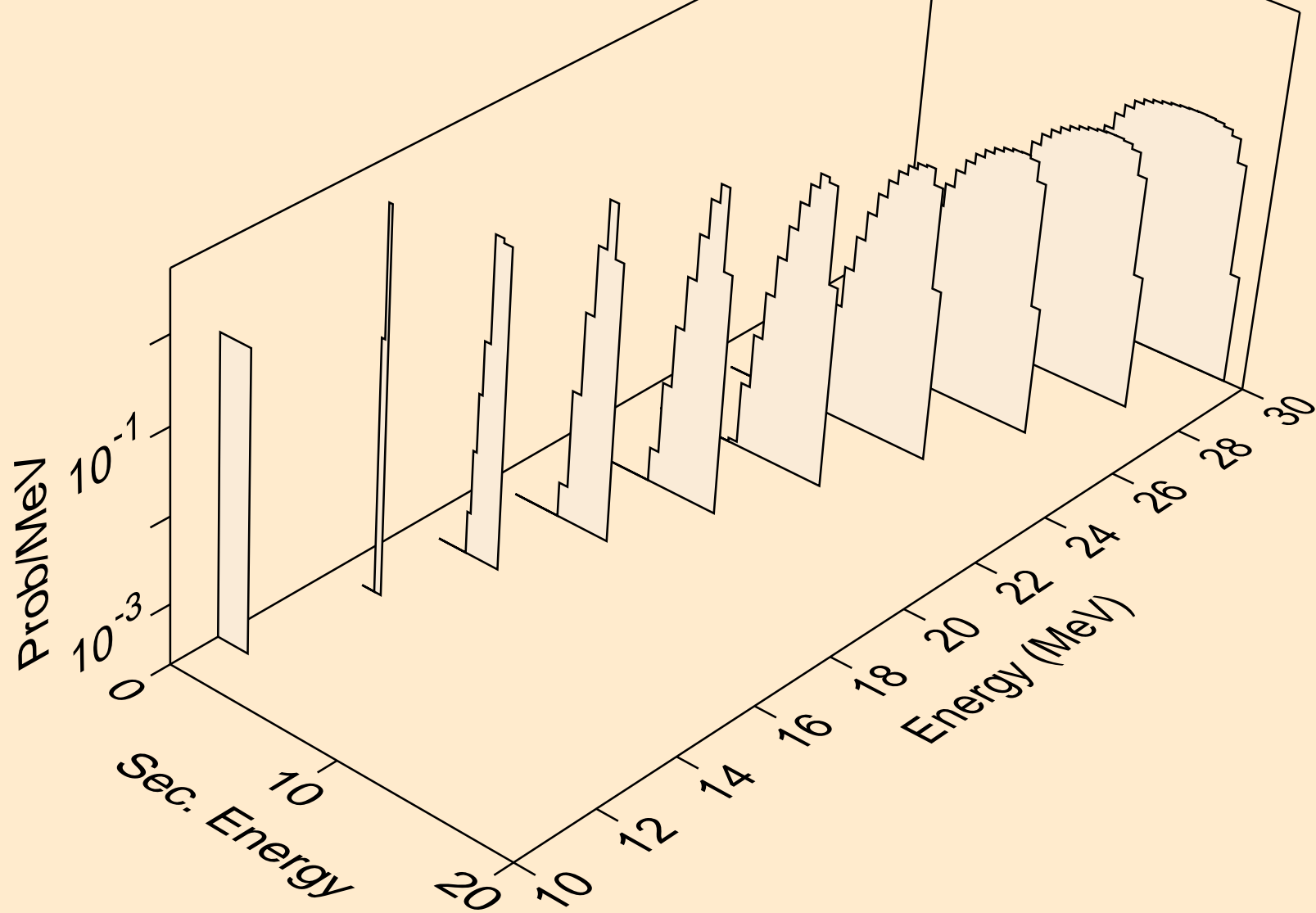
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deuterons from (n,d)



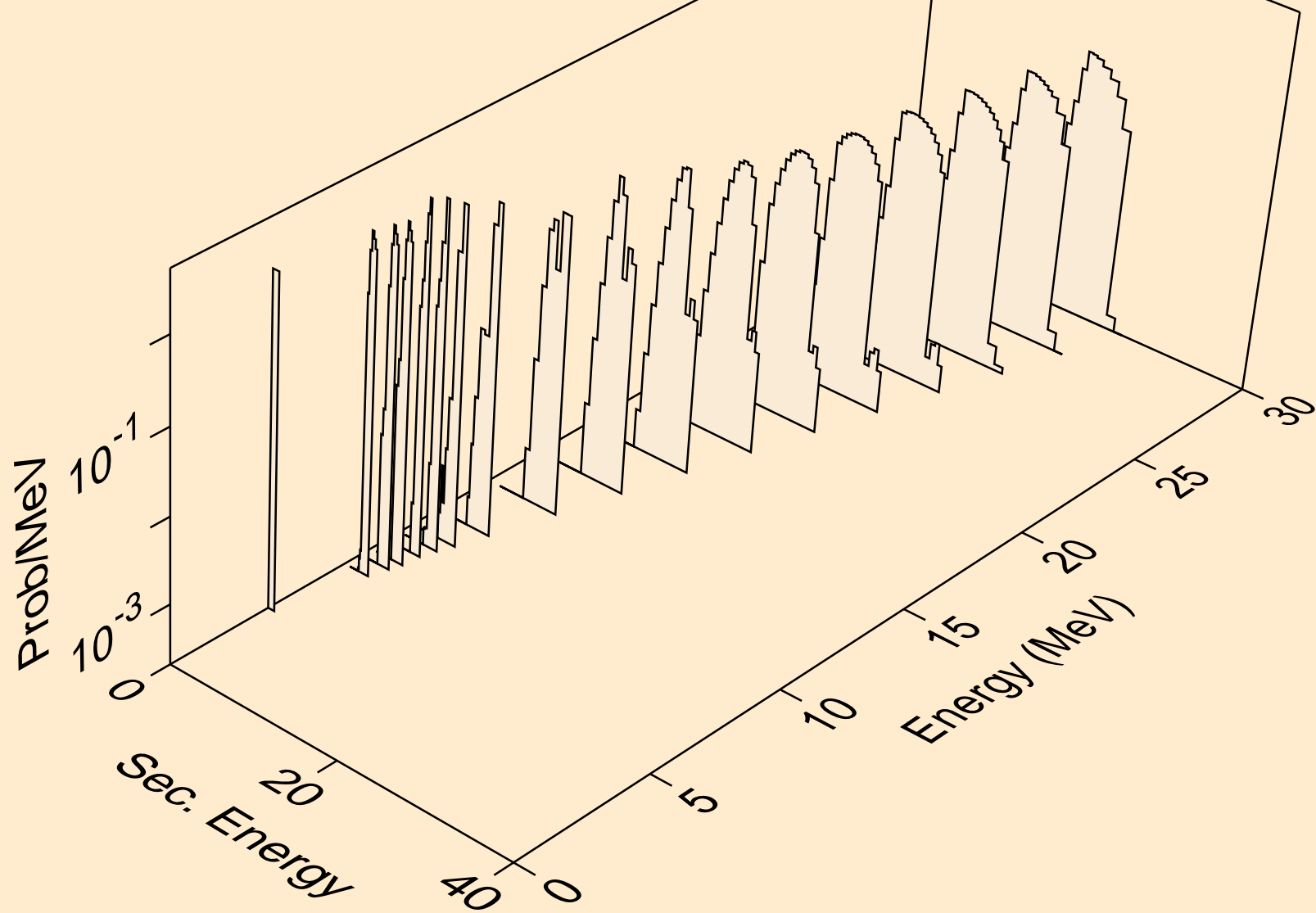
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



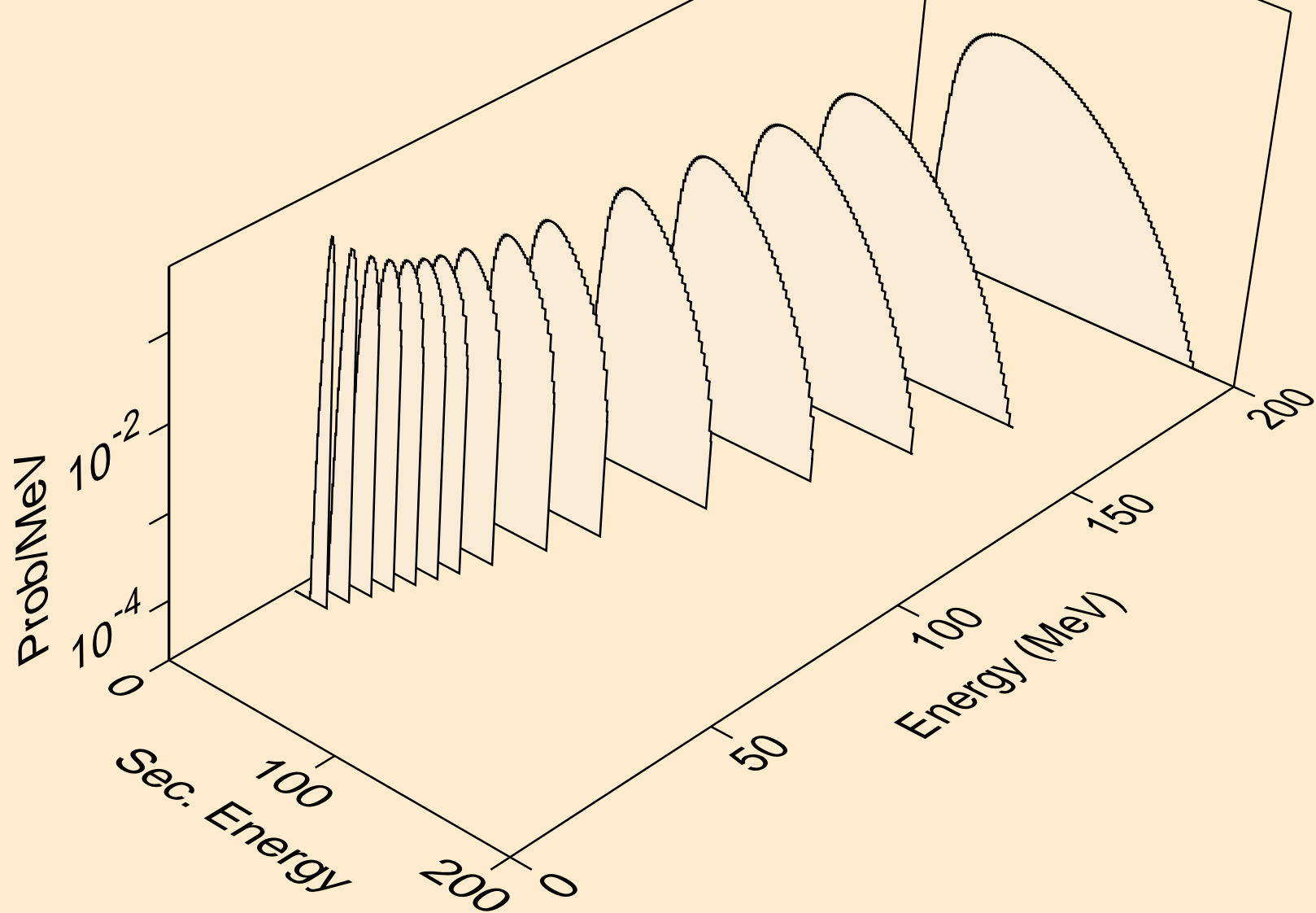
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



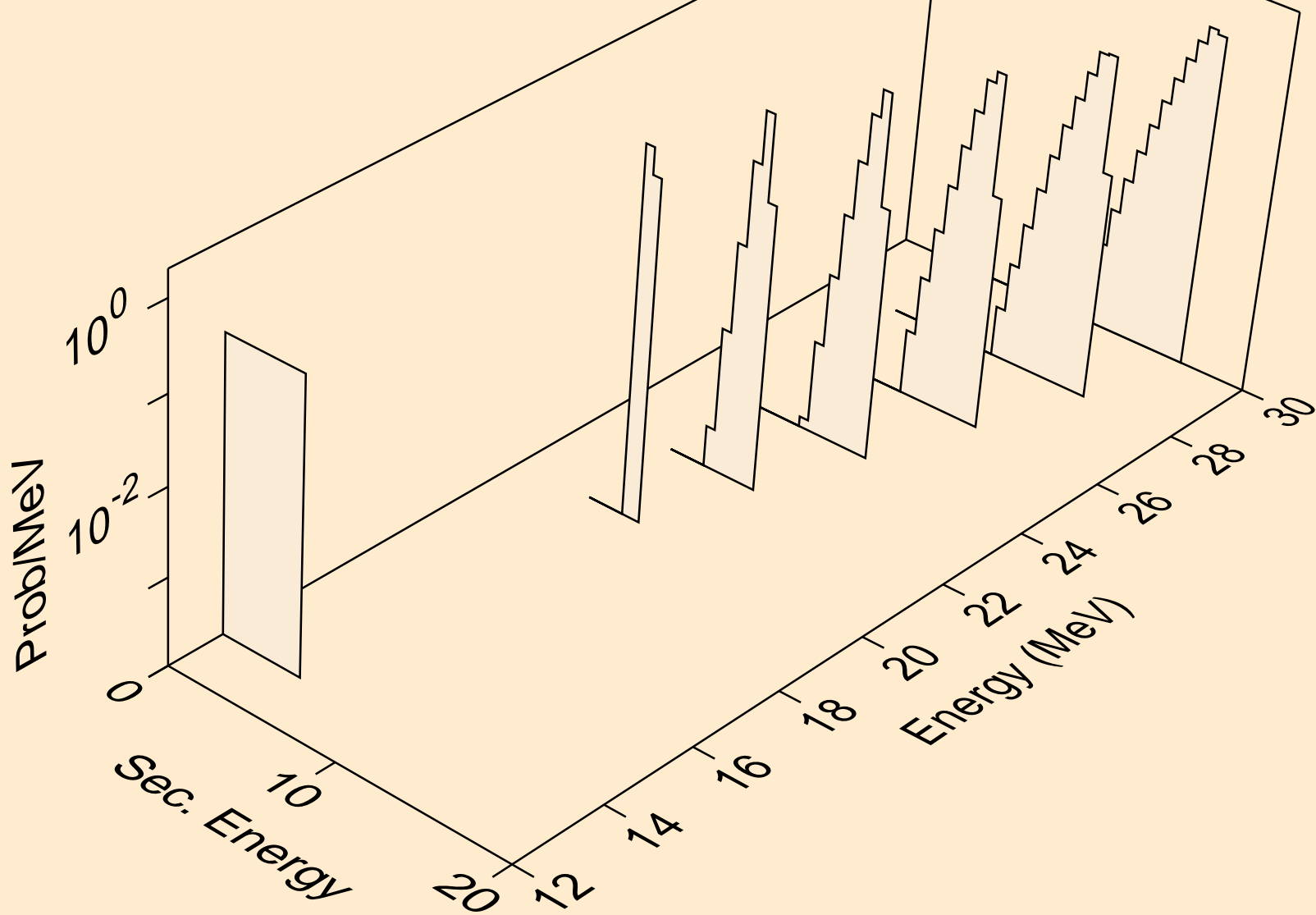
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

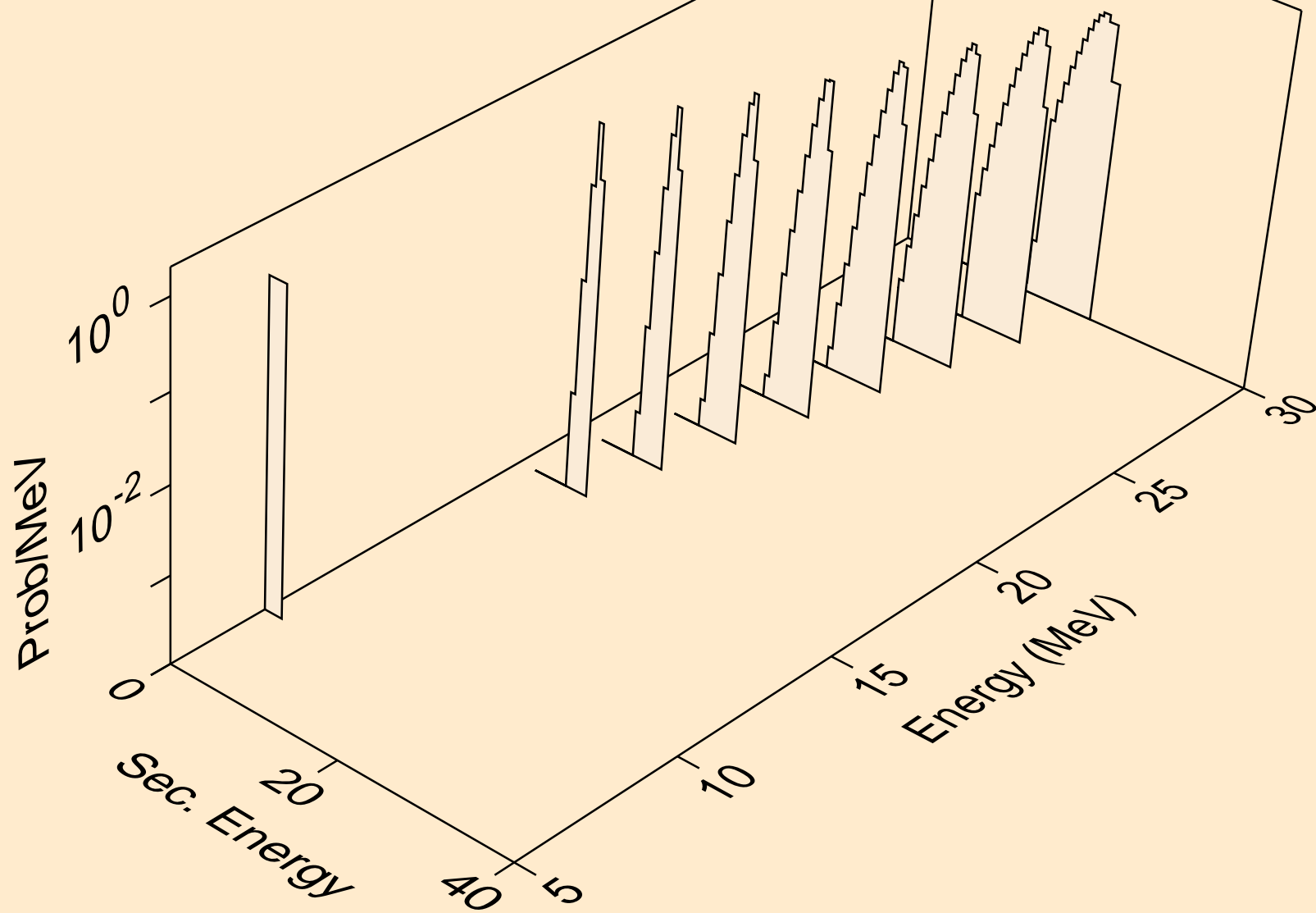


IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

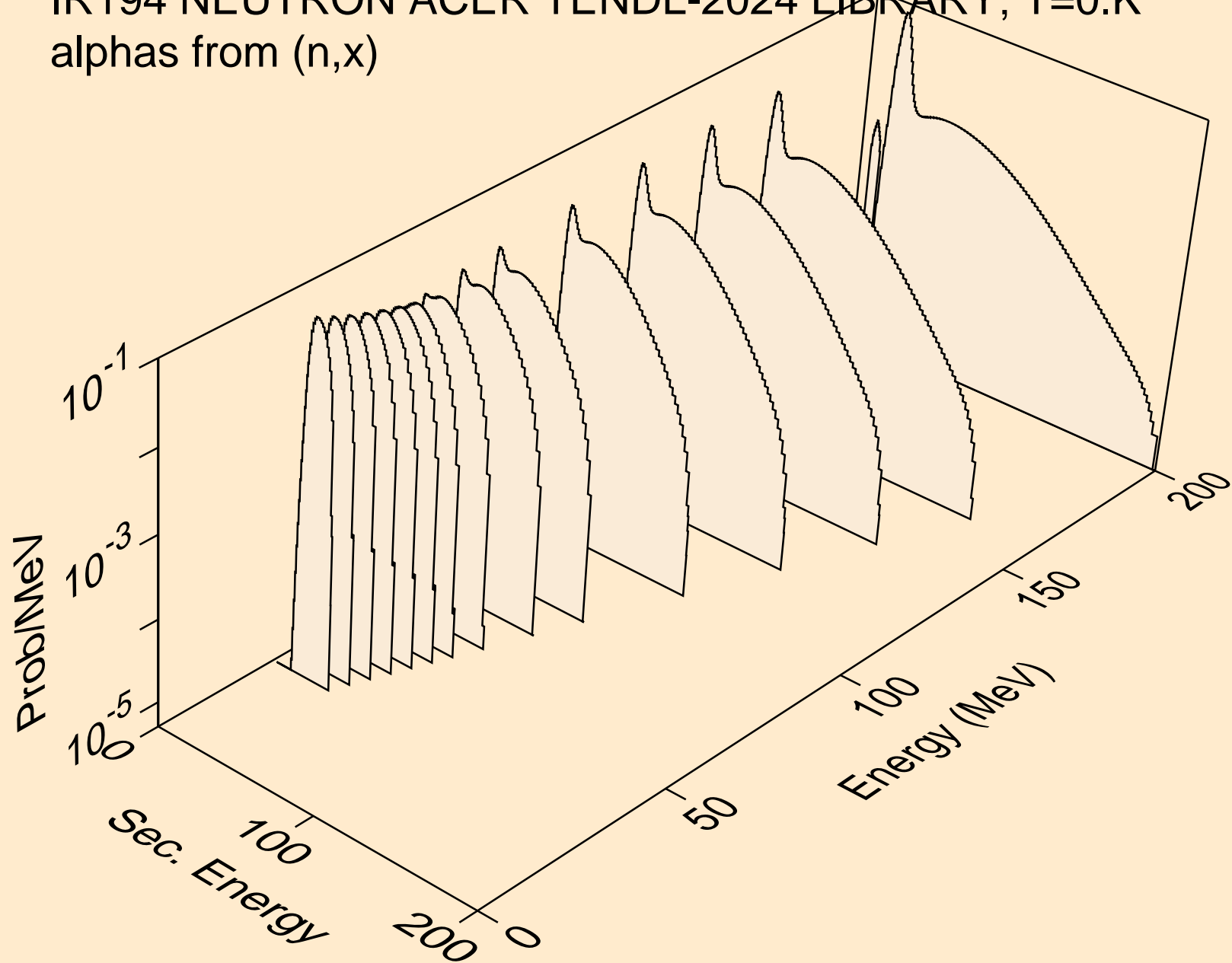




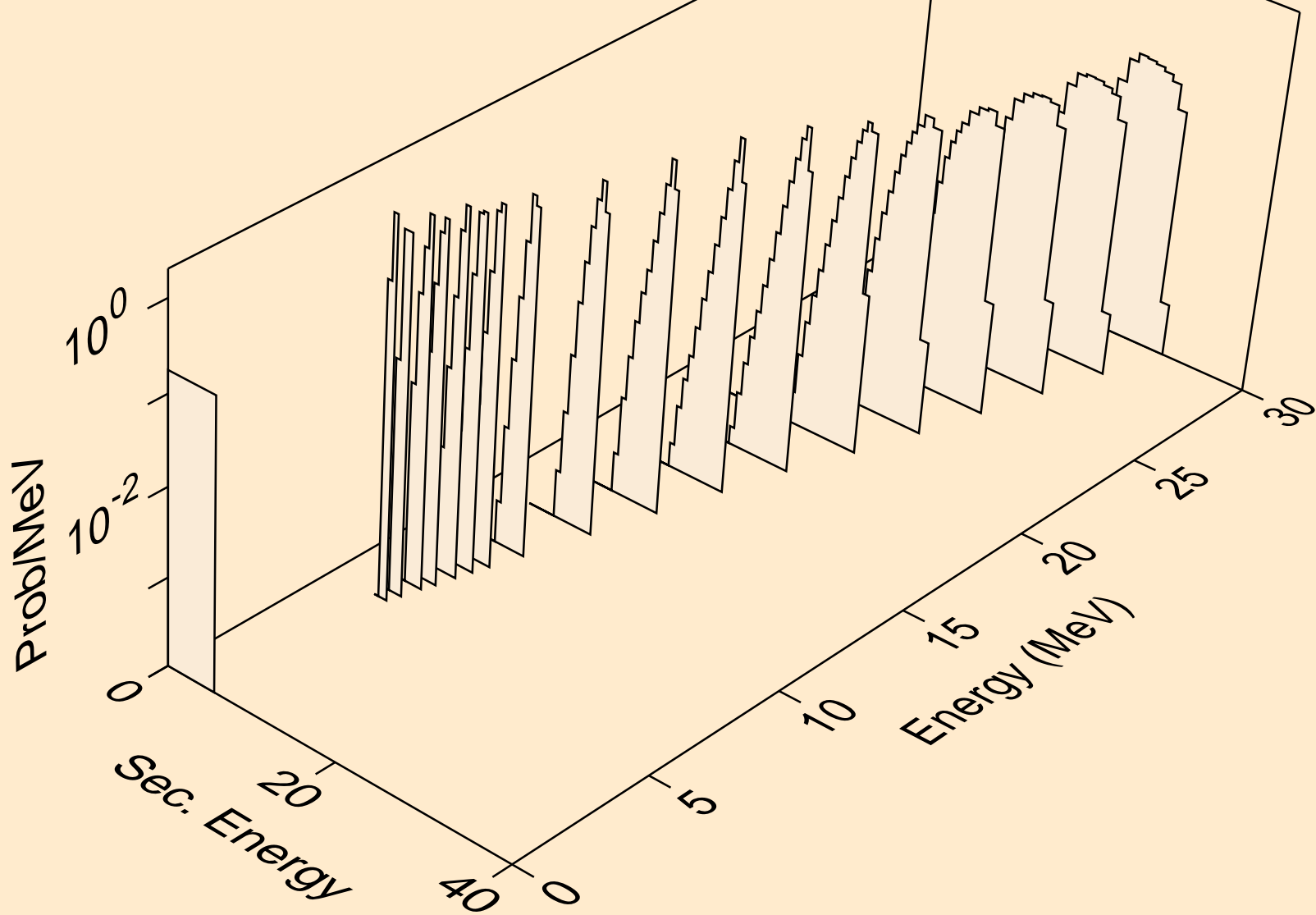
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



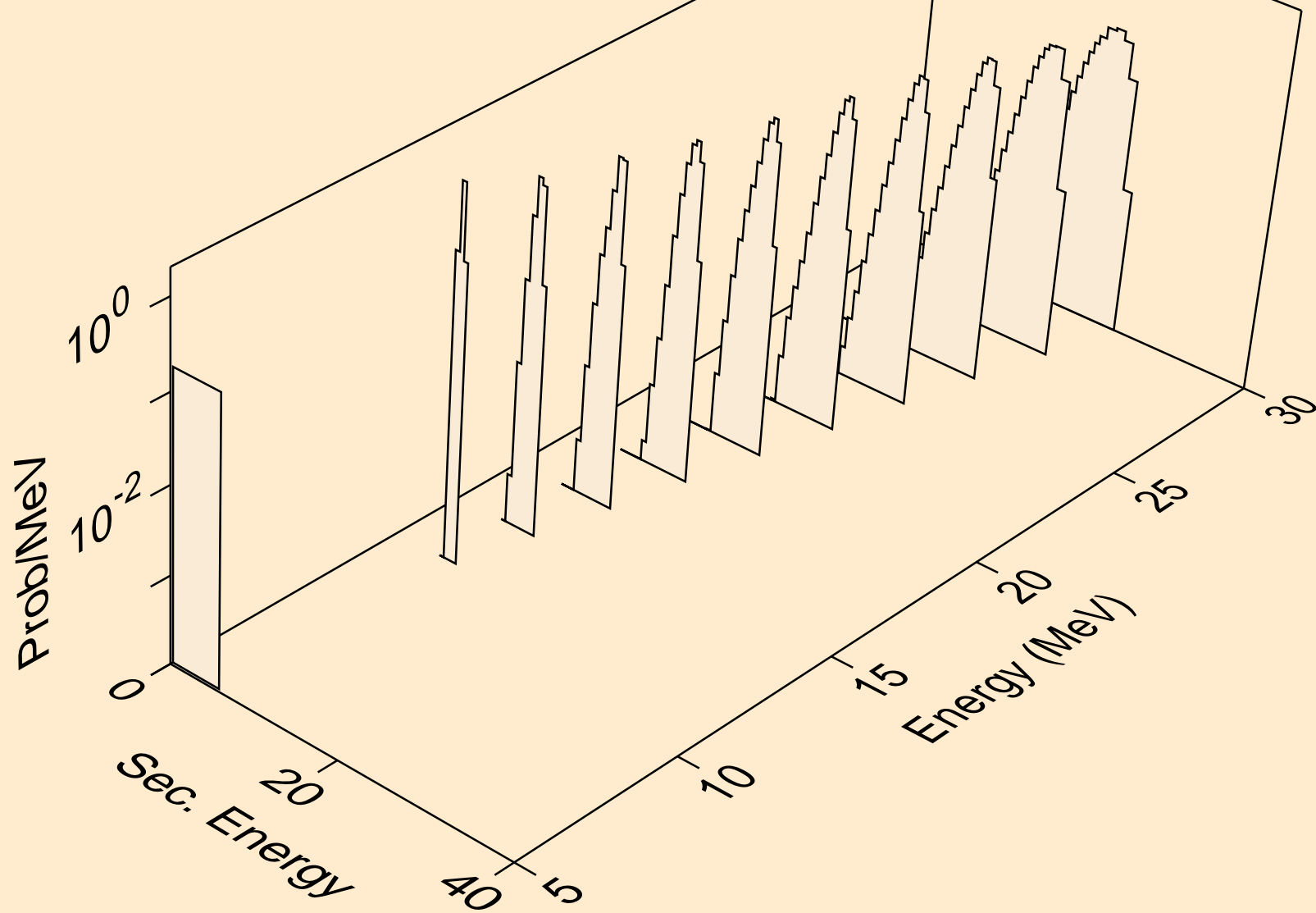
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



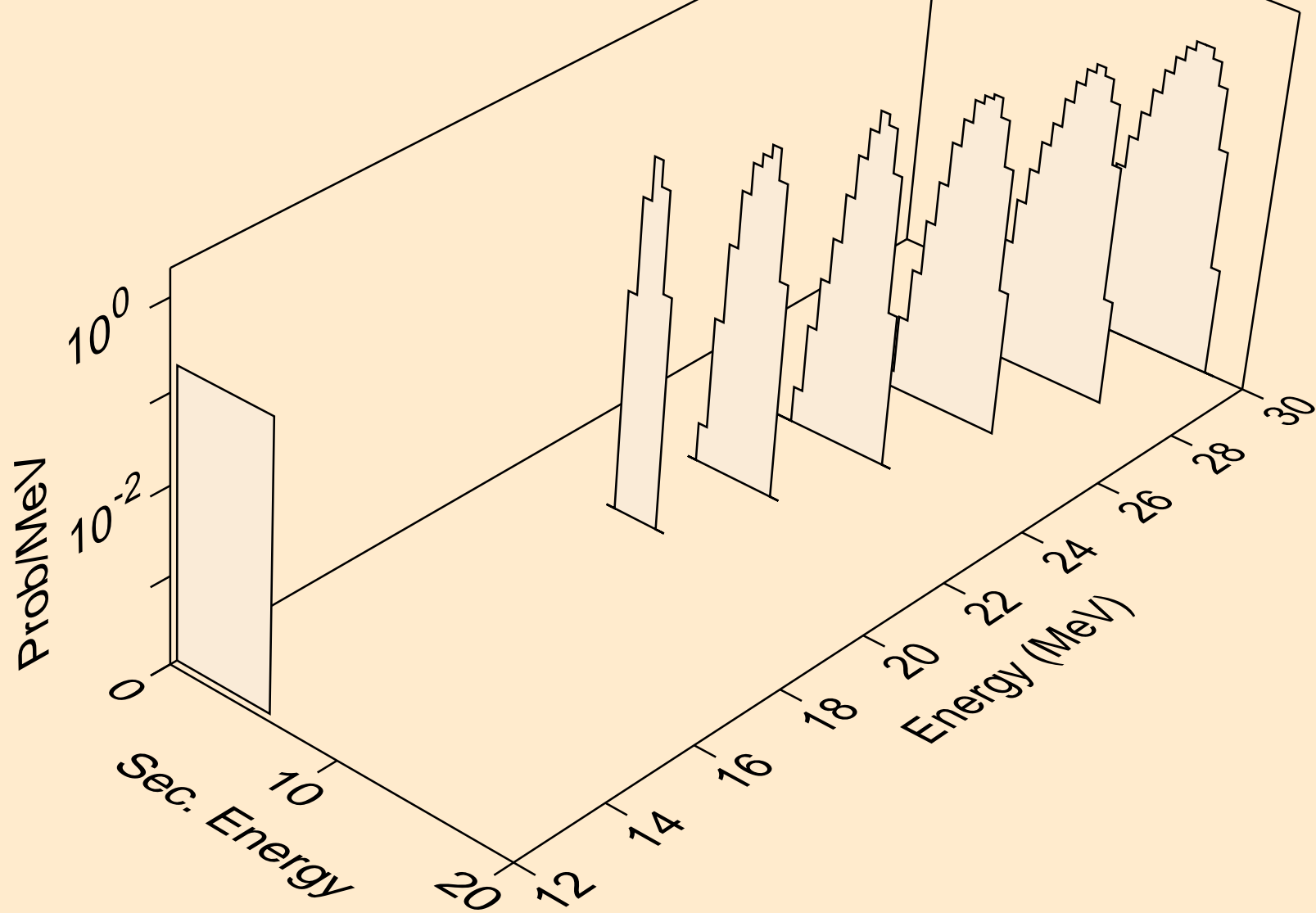
IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



IR194 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

