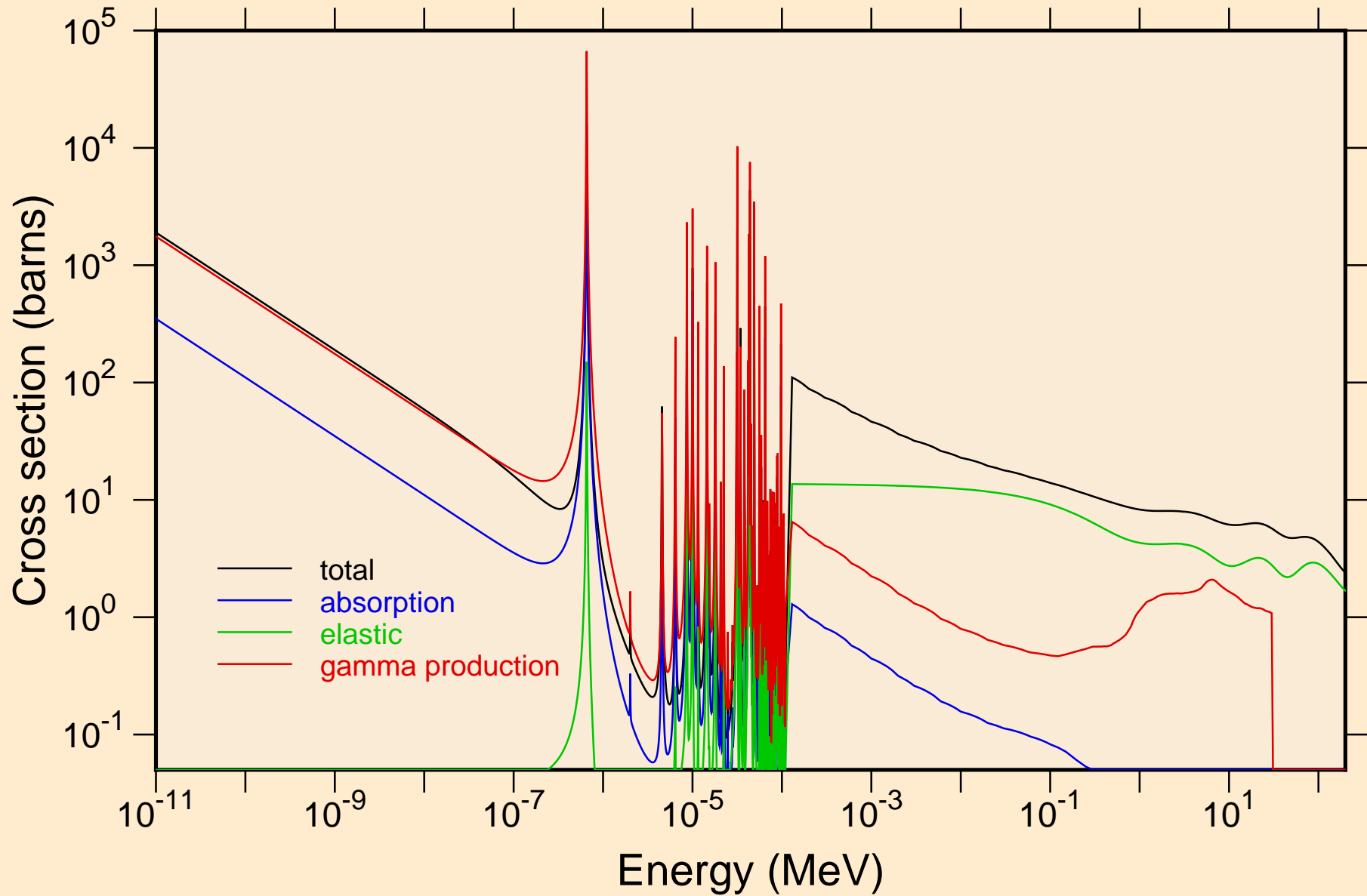
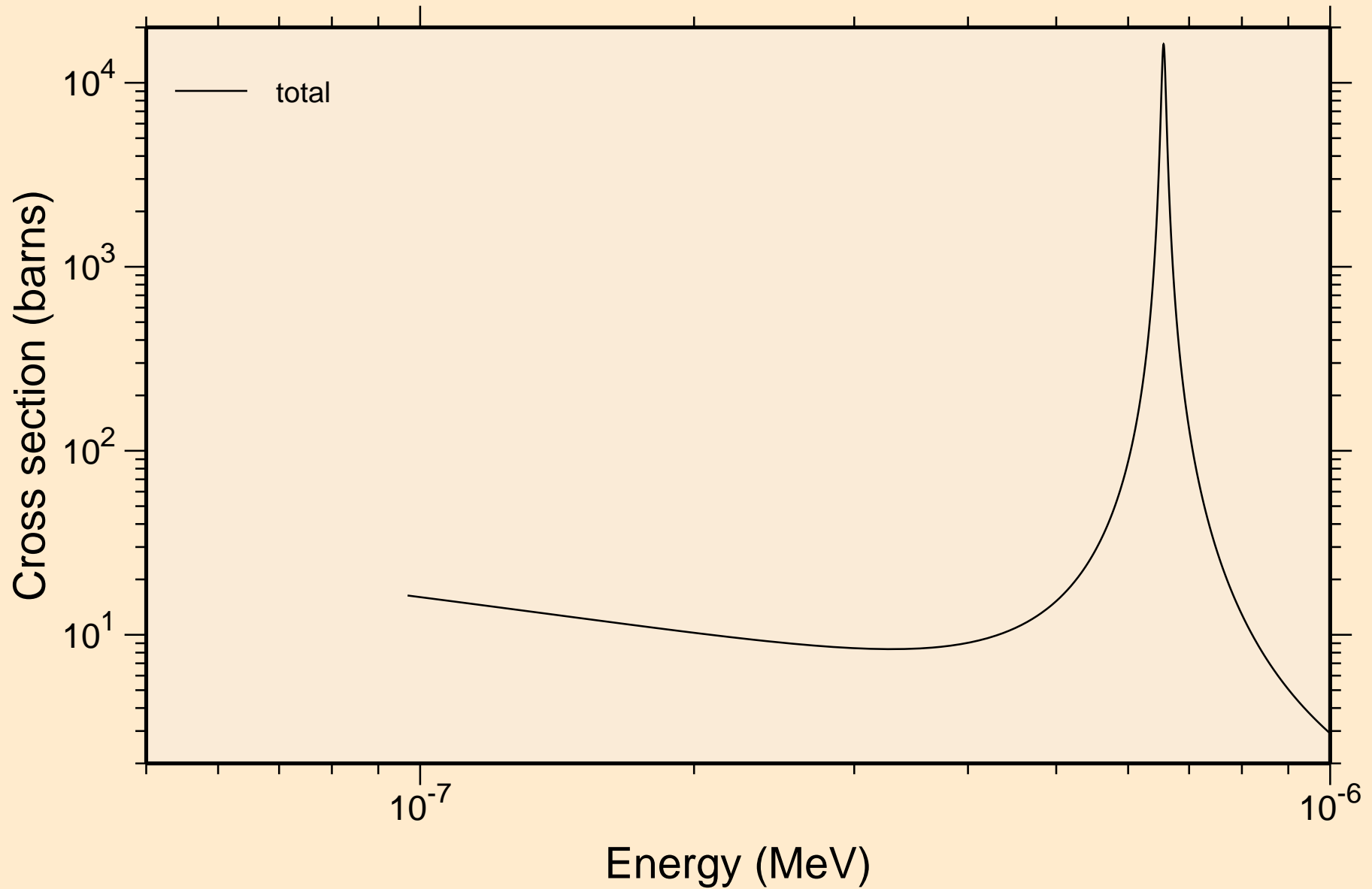


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

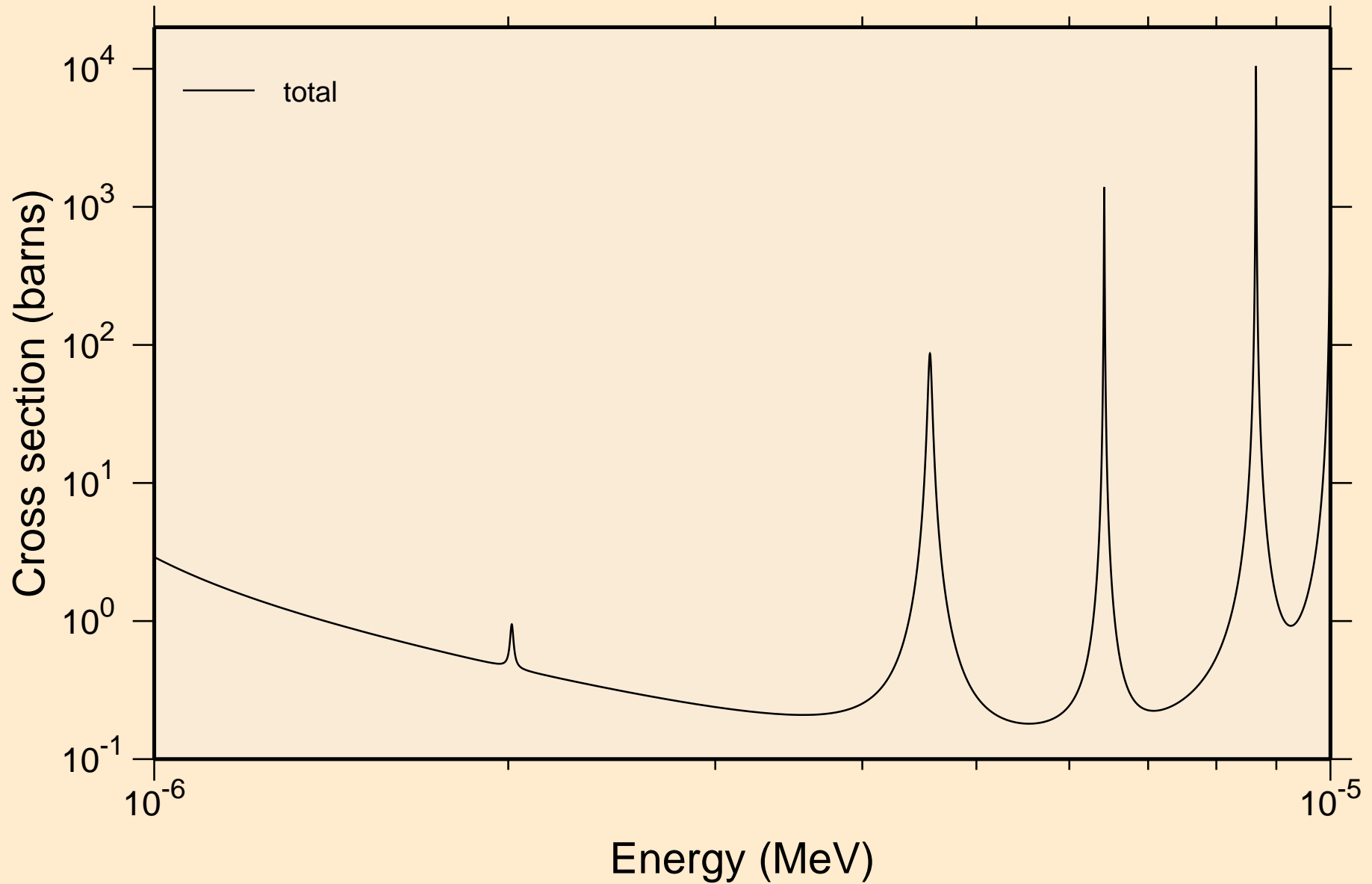
## Principal cross sections



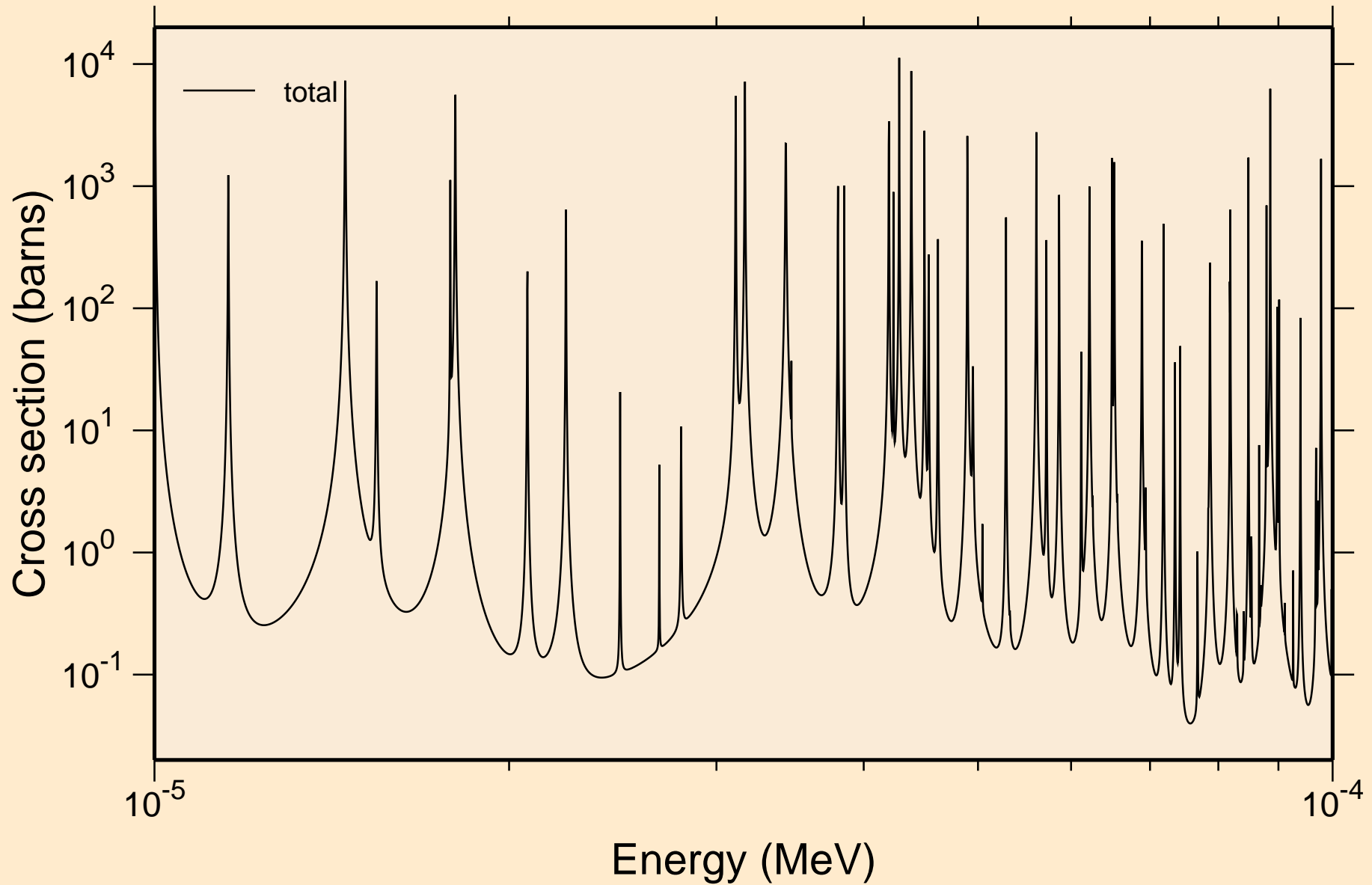
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



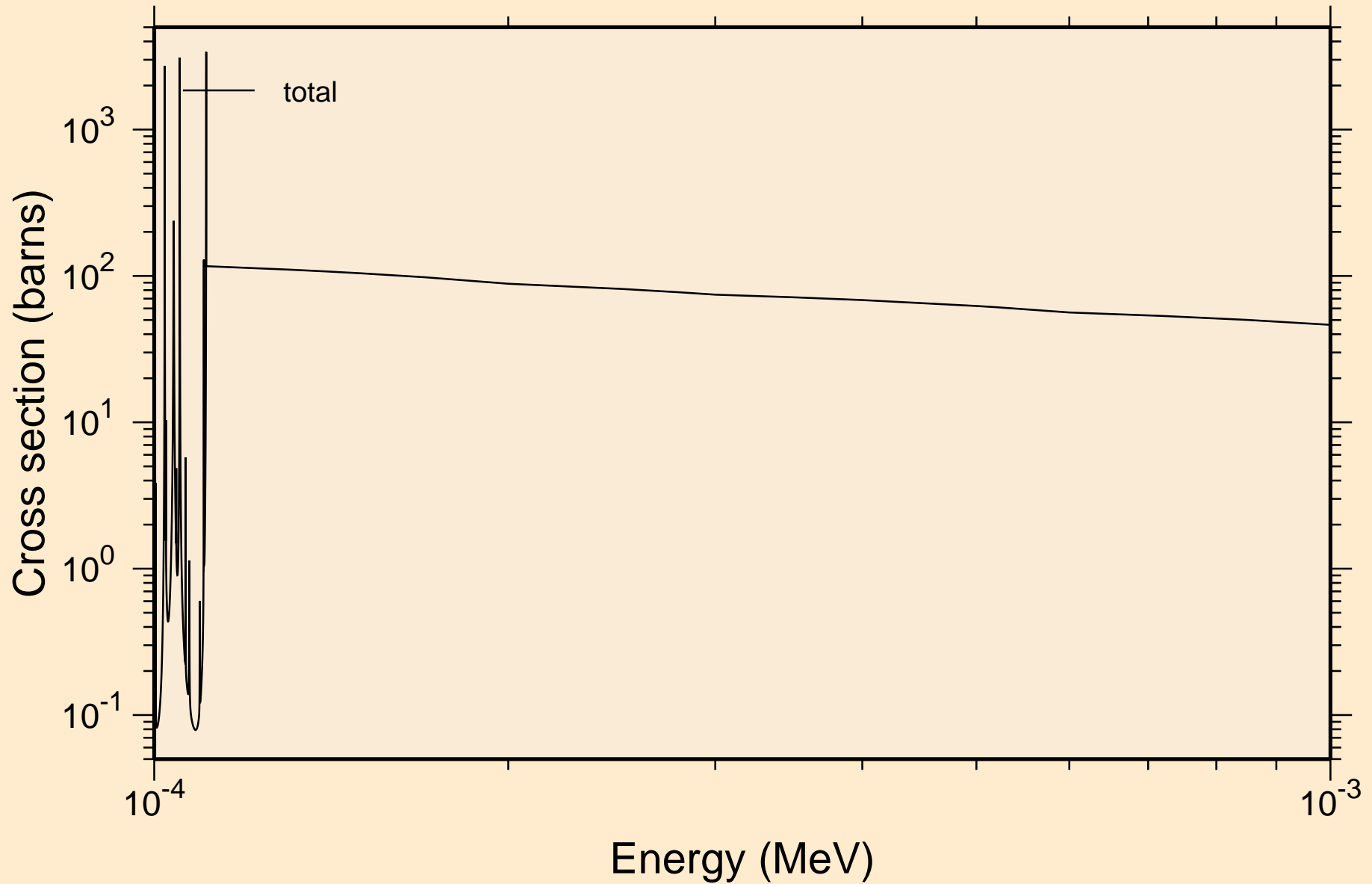
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



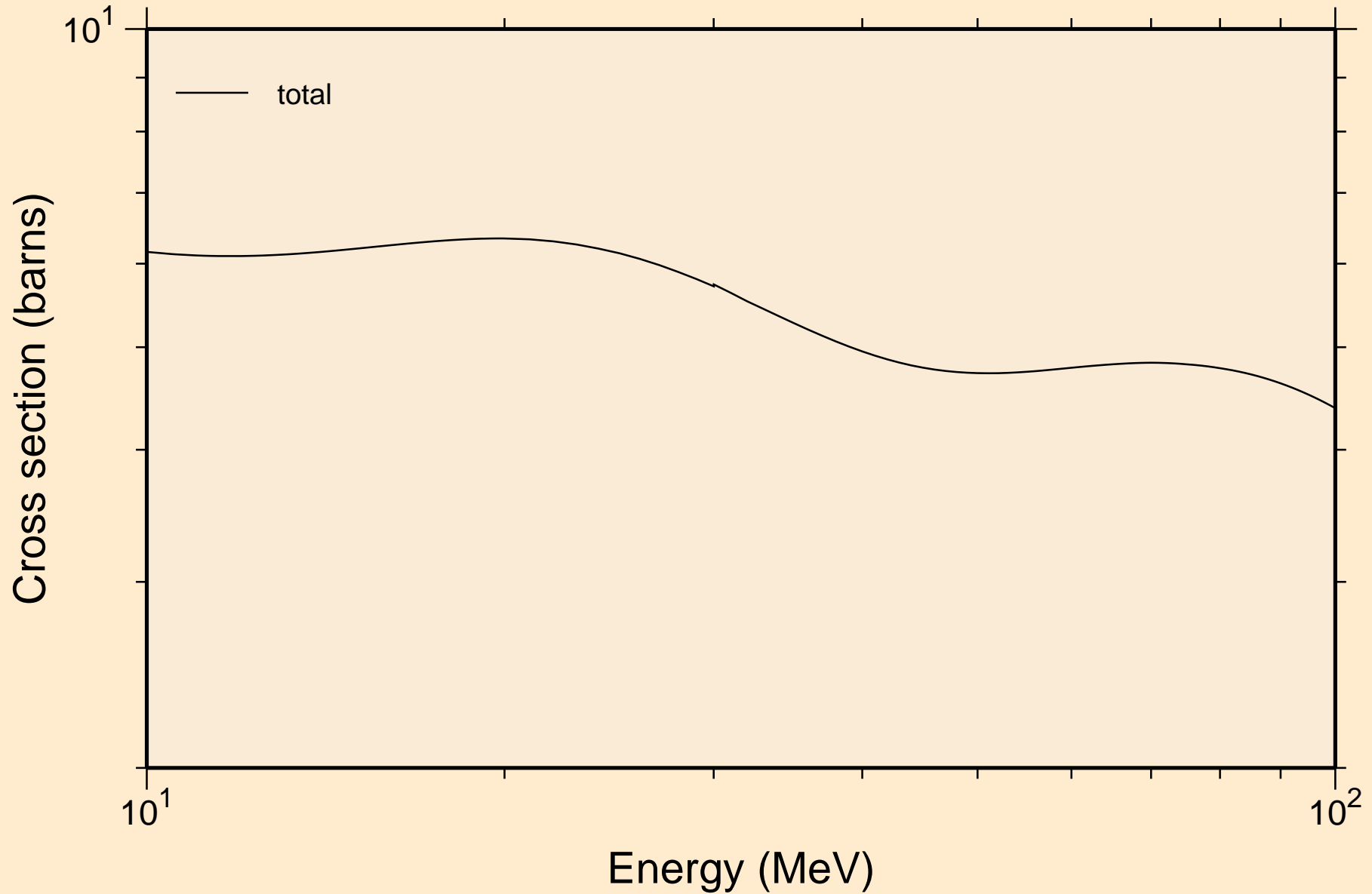
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



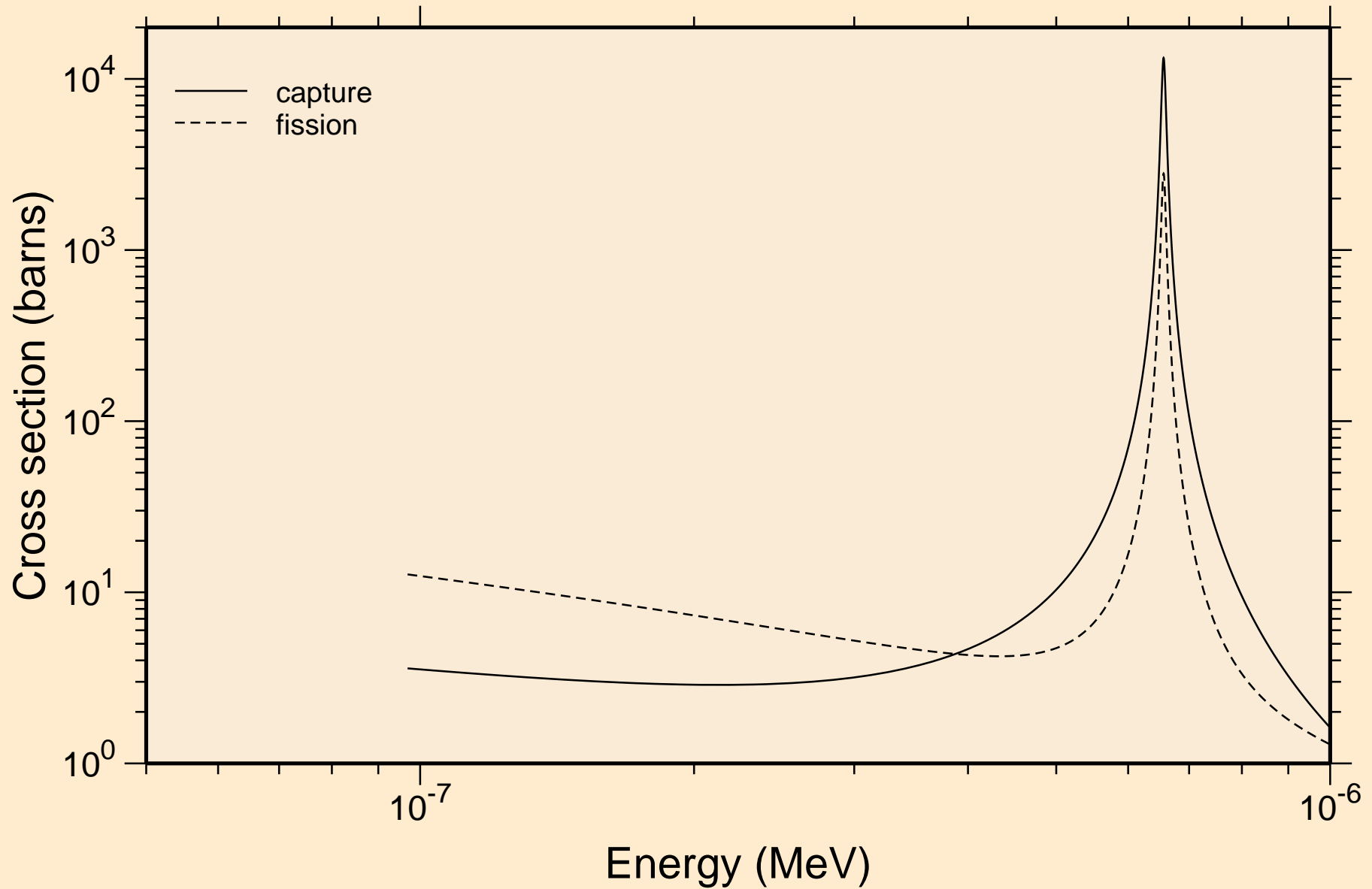
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



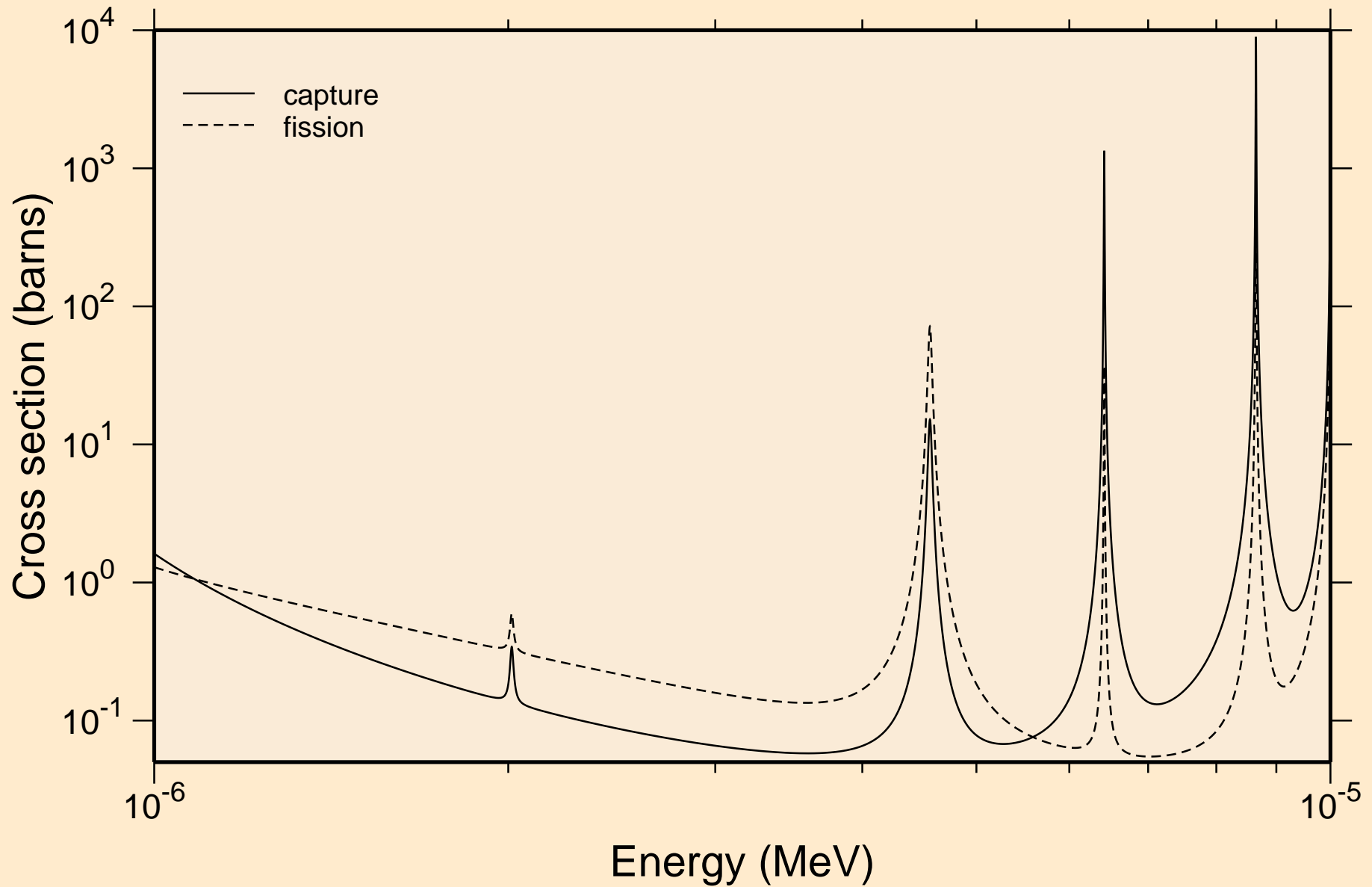
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

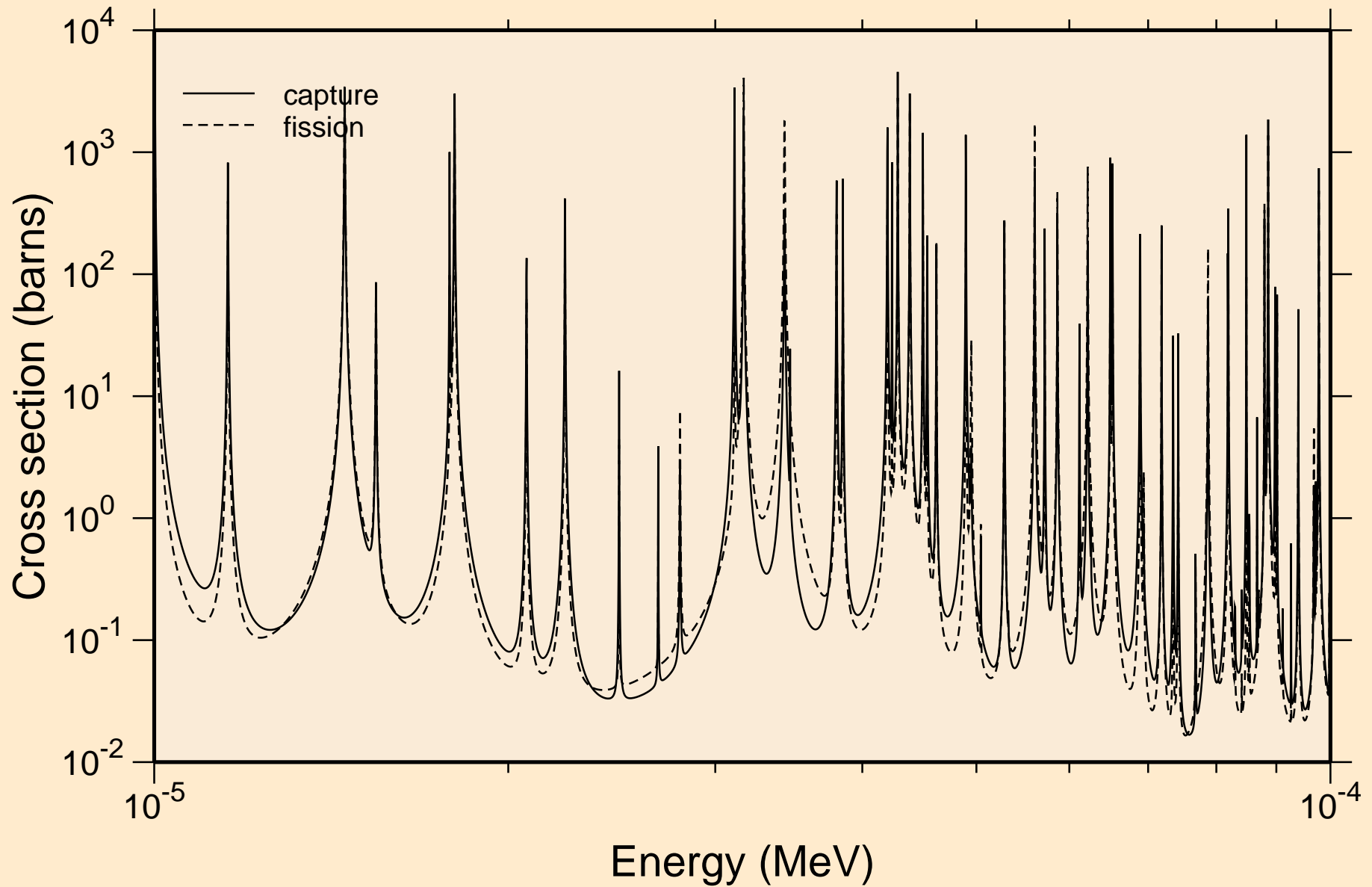


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

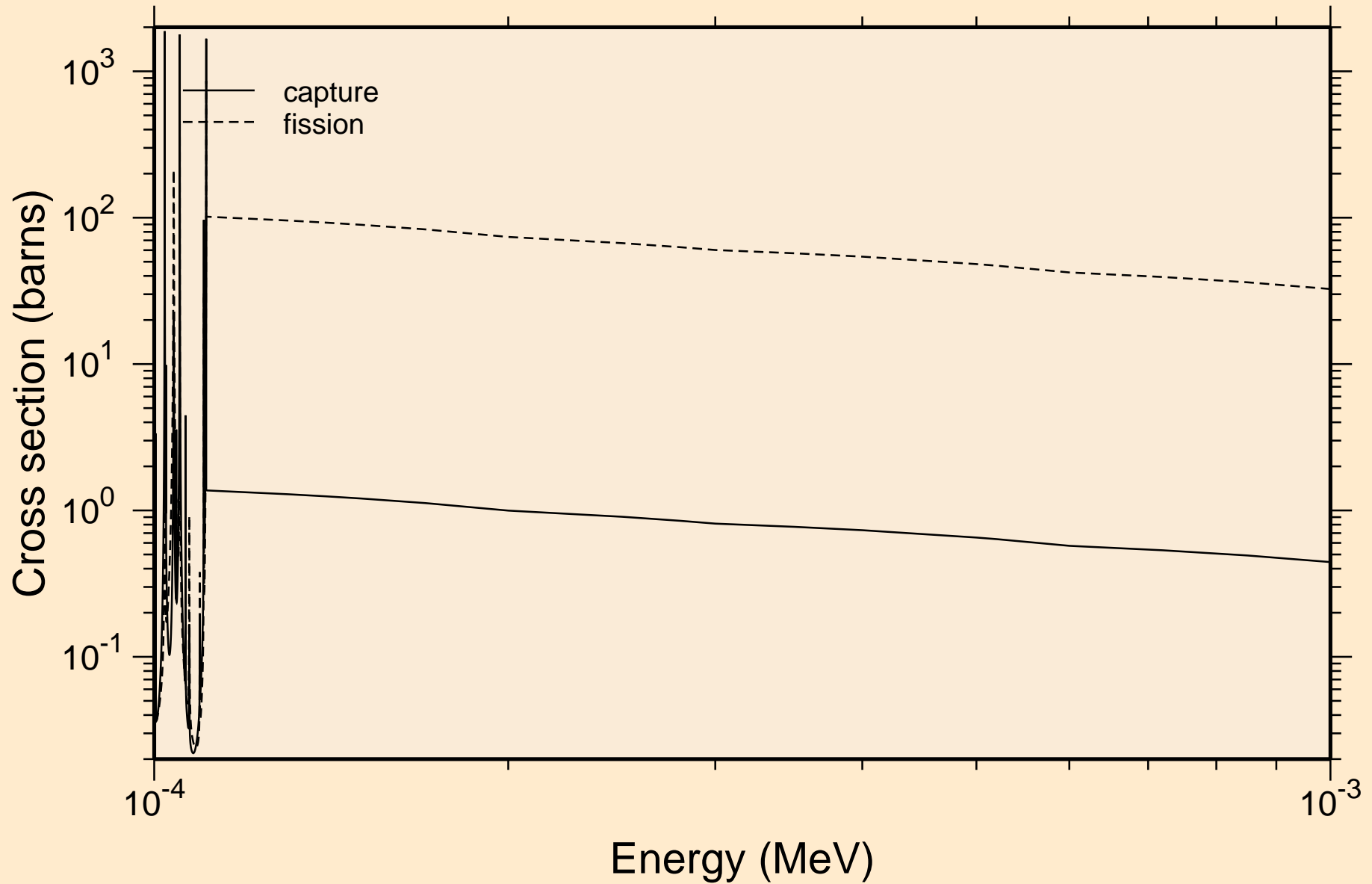




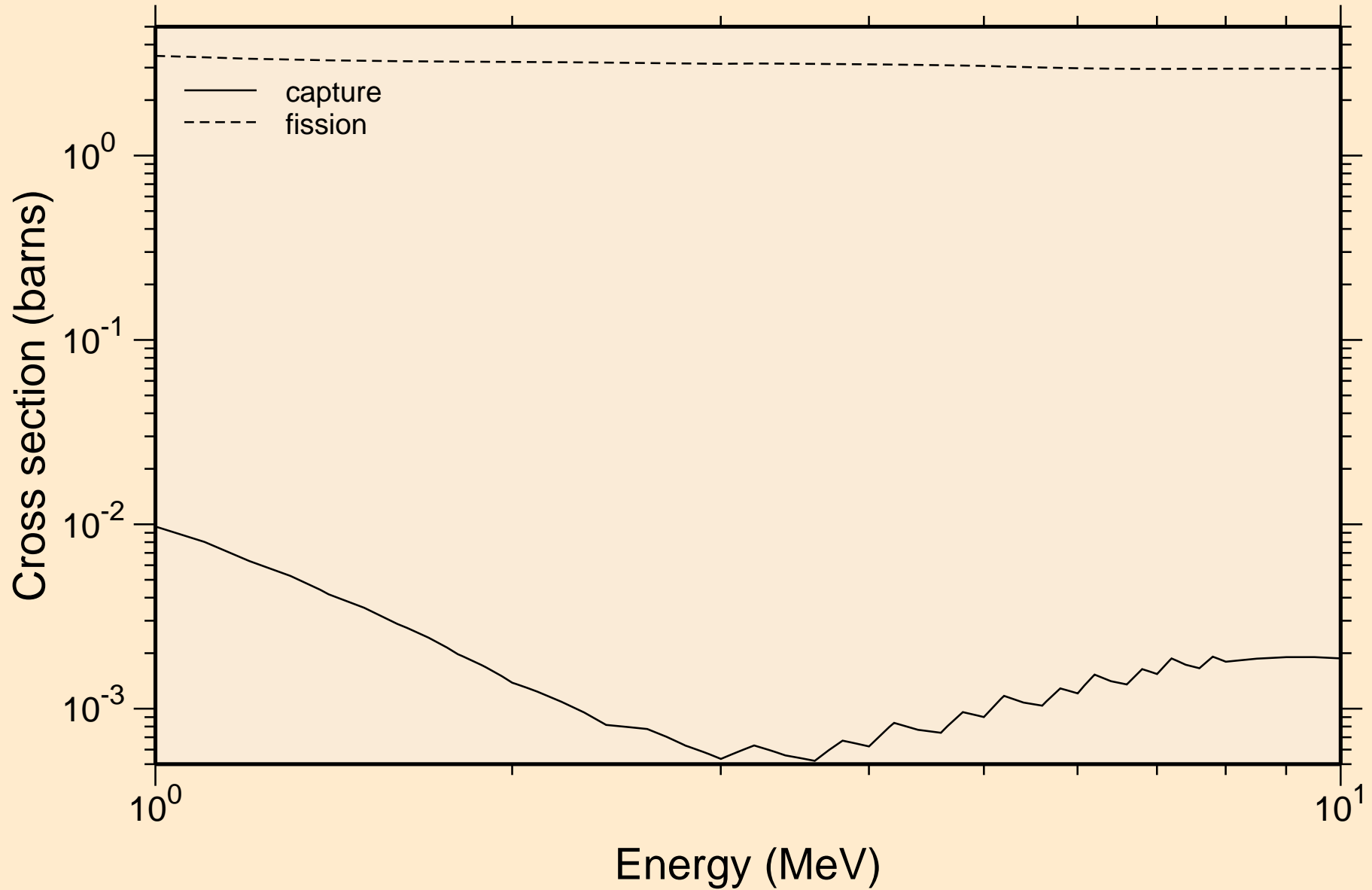
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

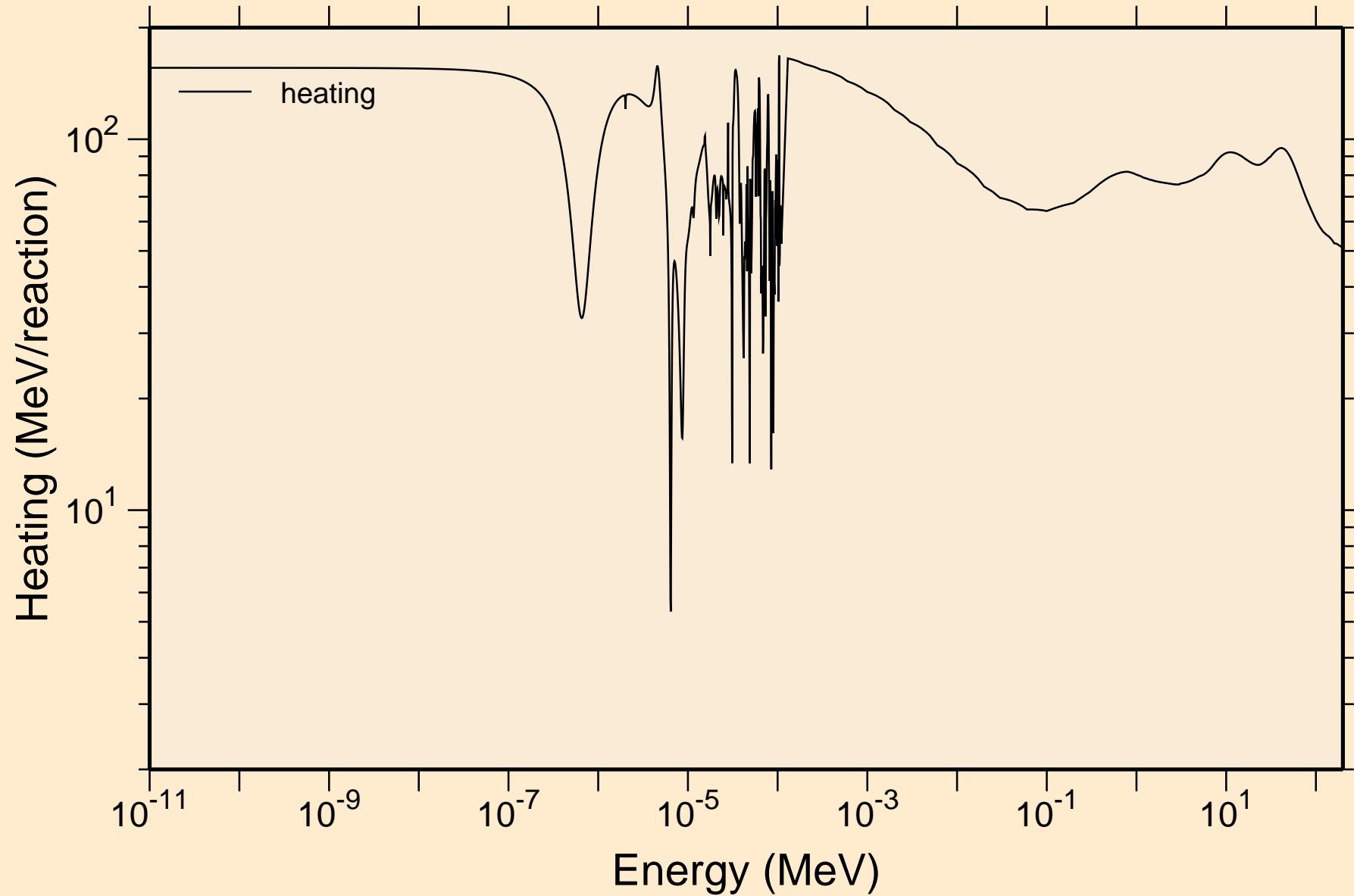


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



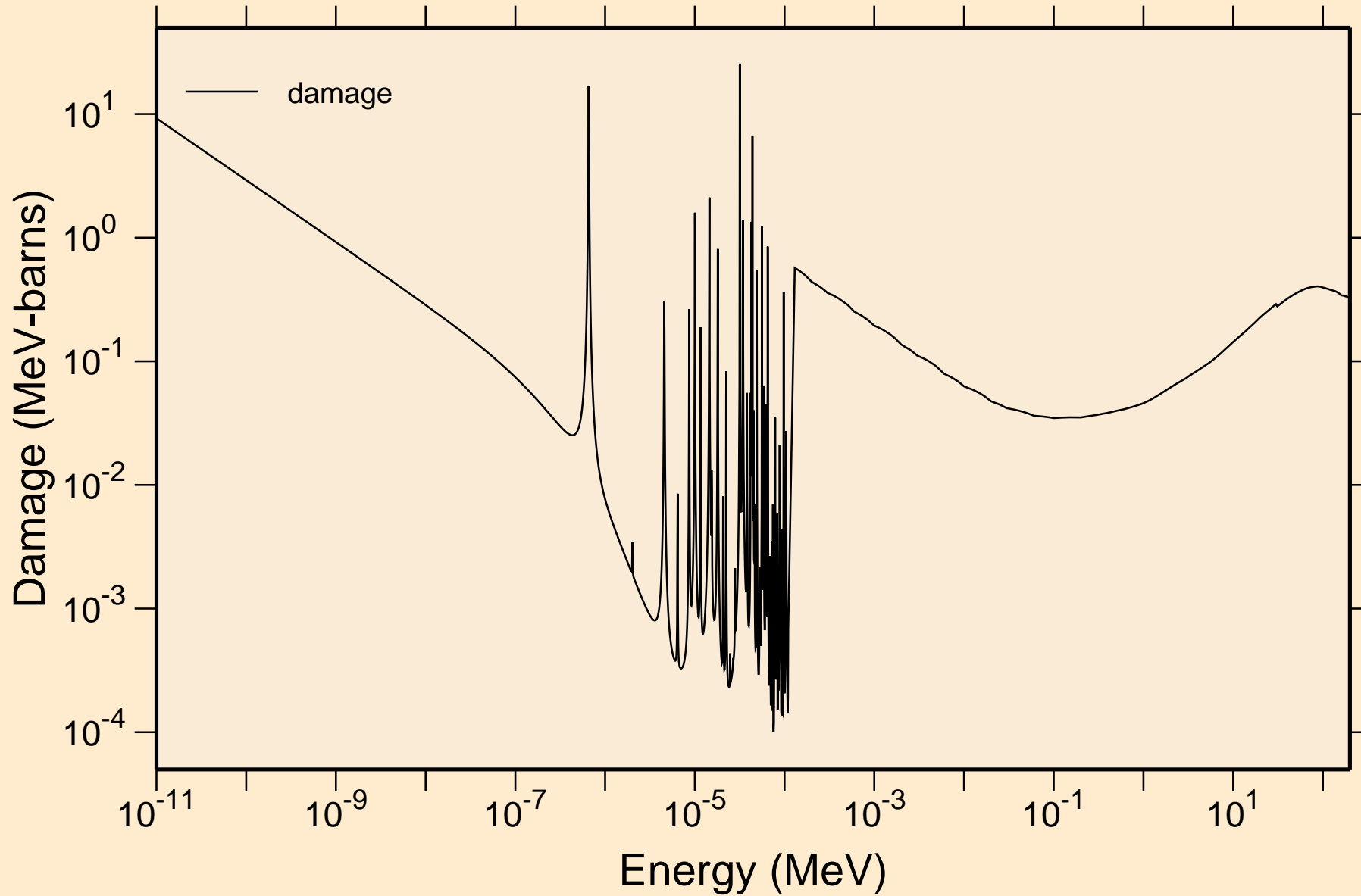
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



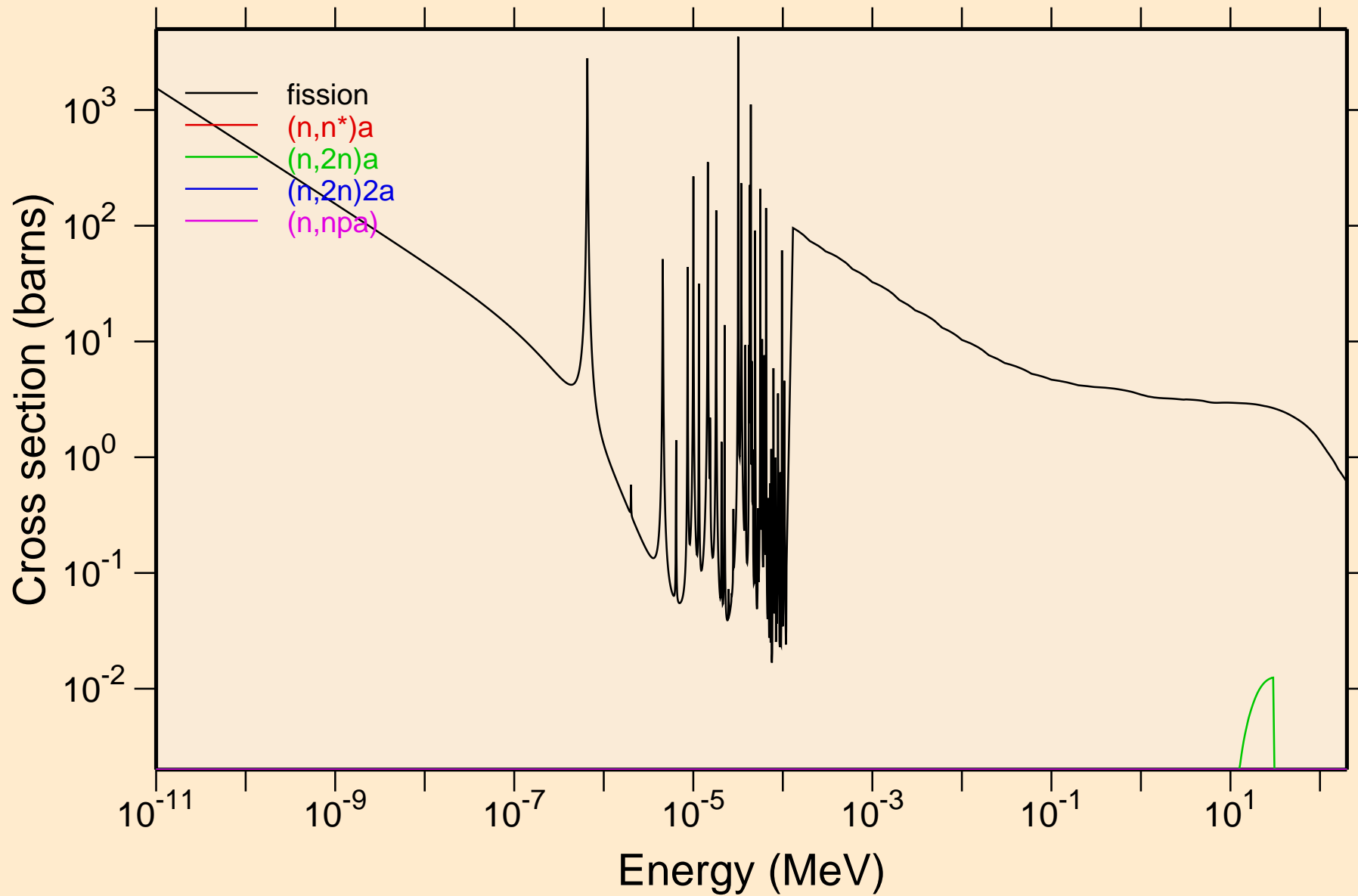
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



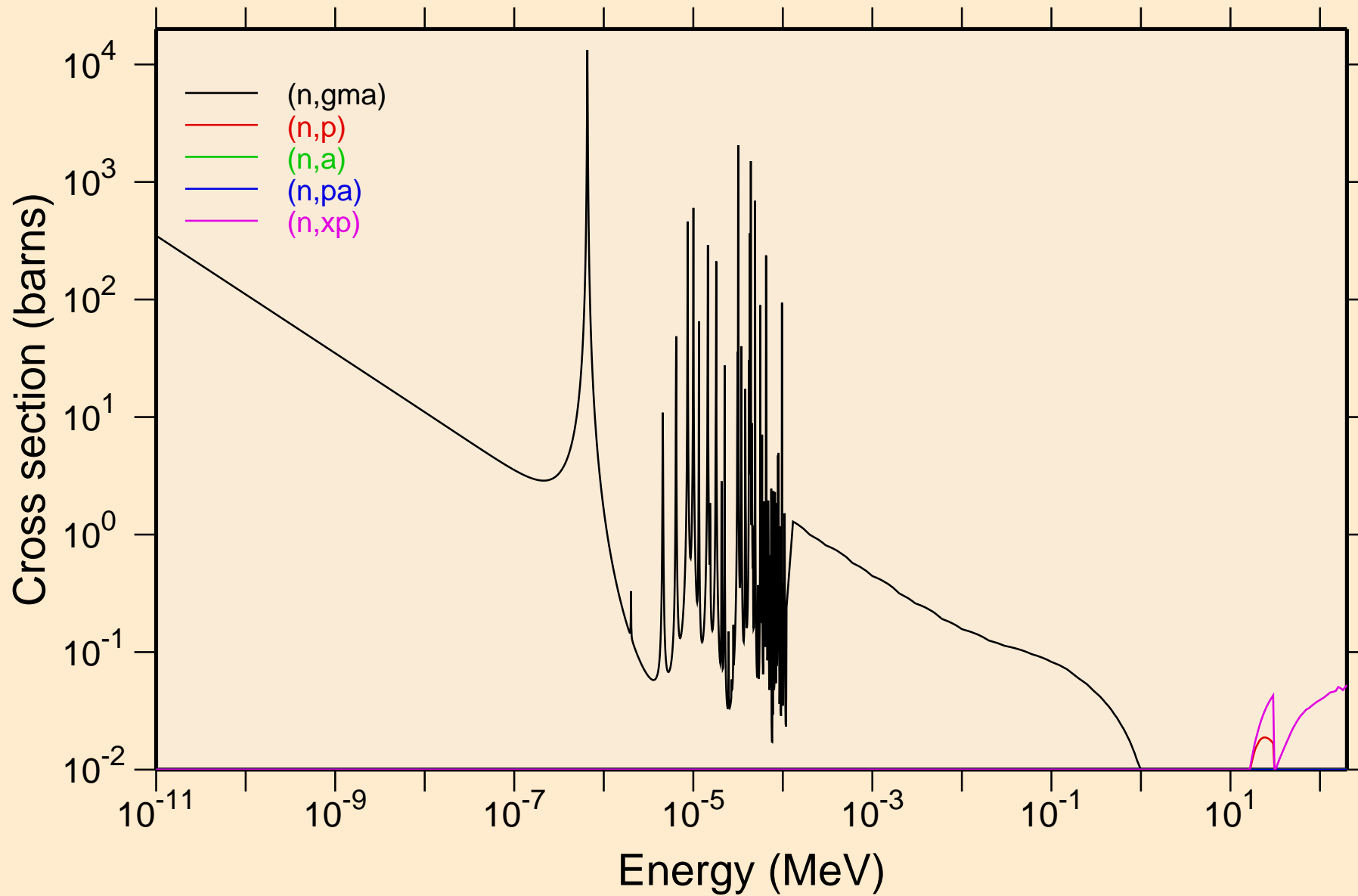
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

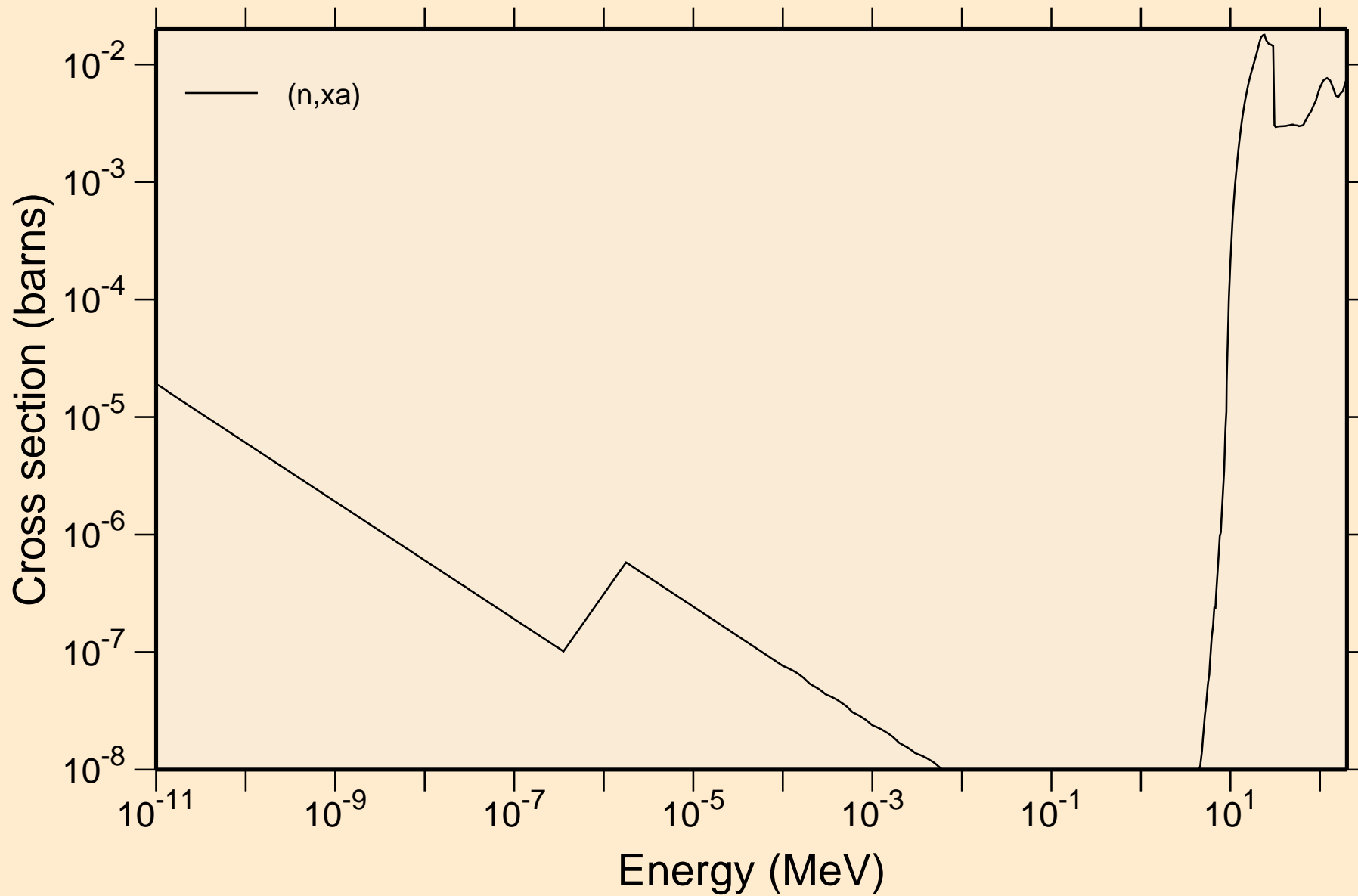


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



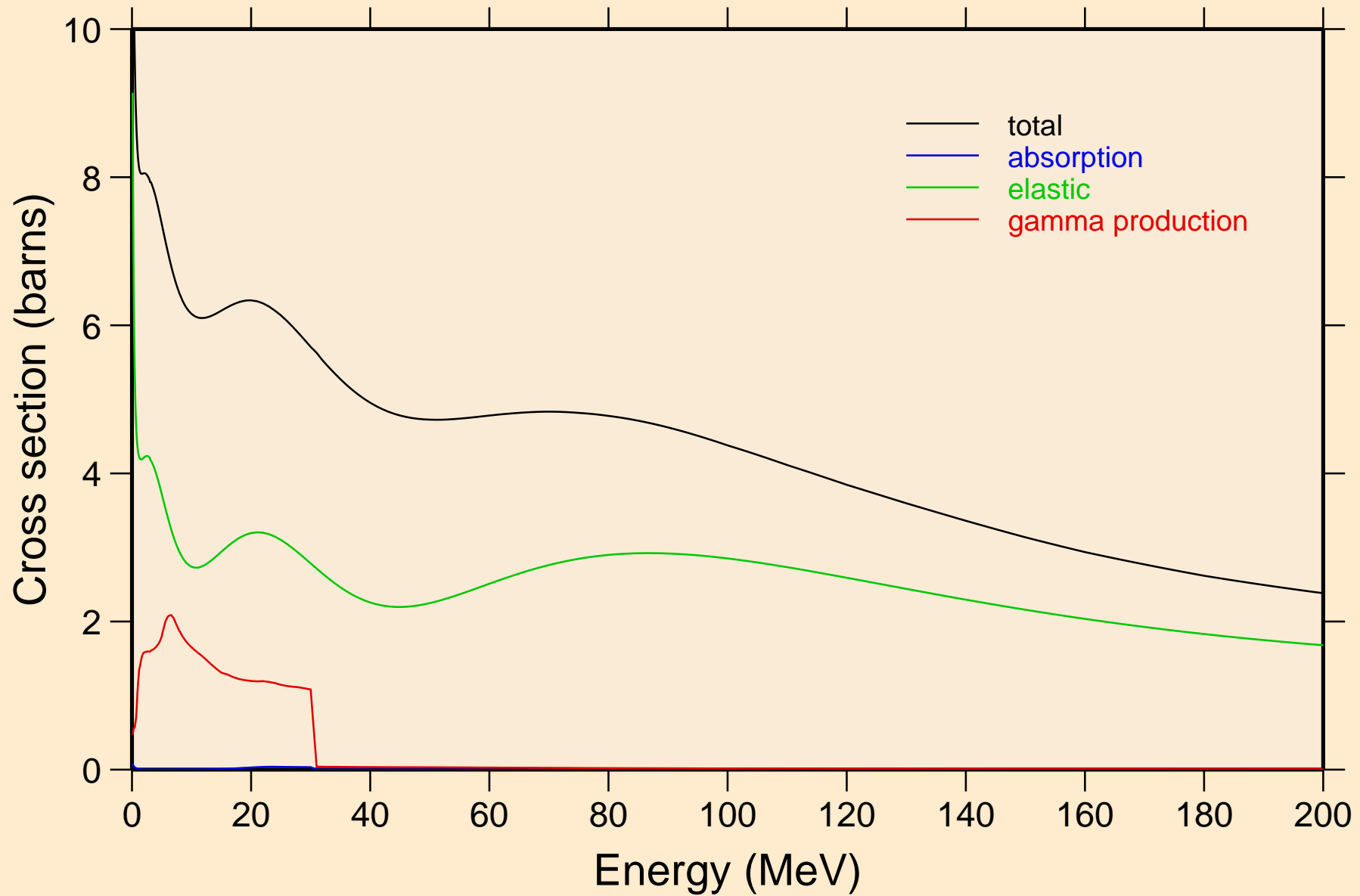
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



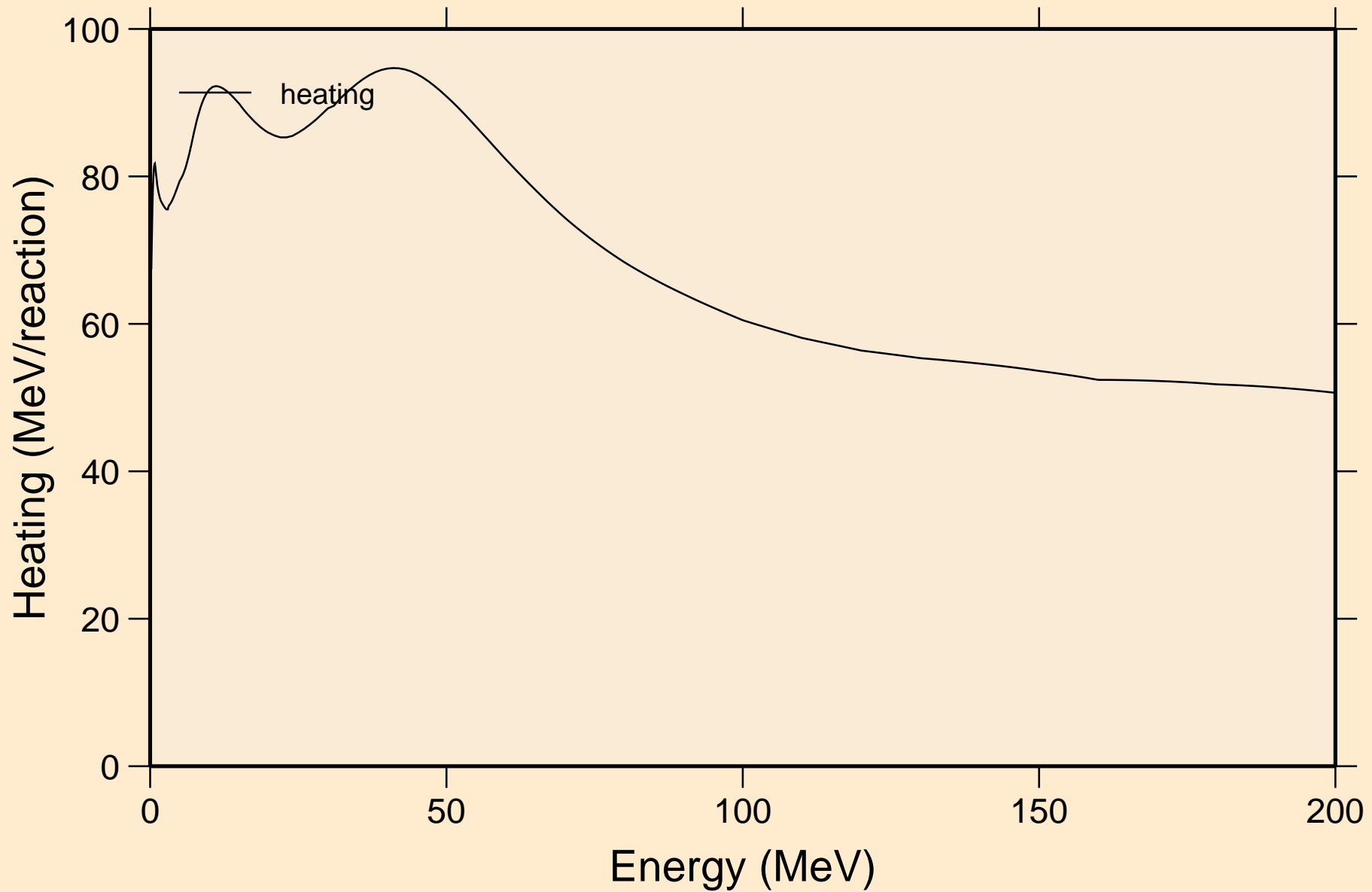


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

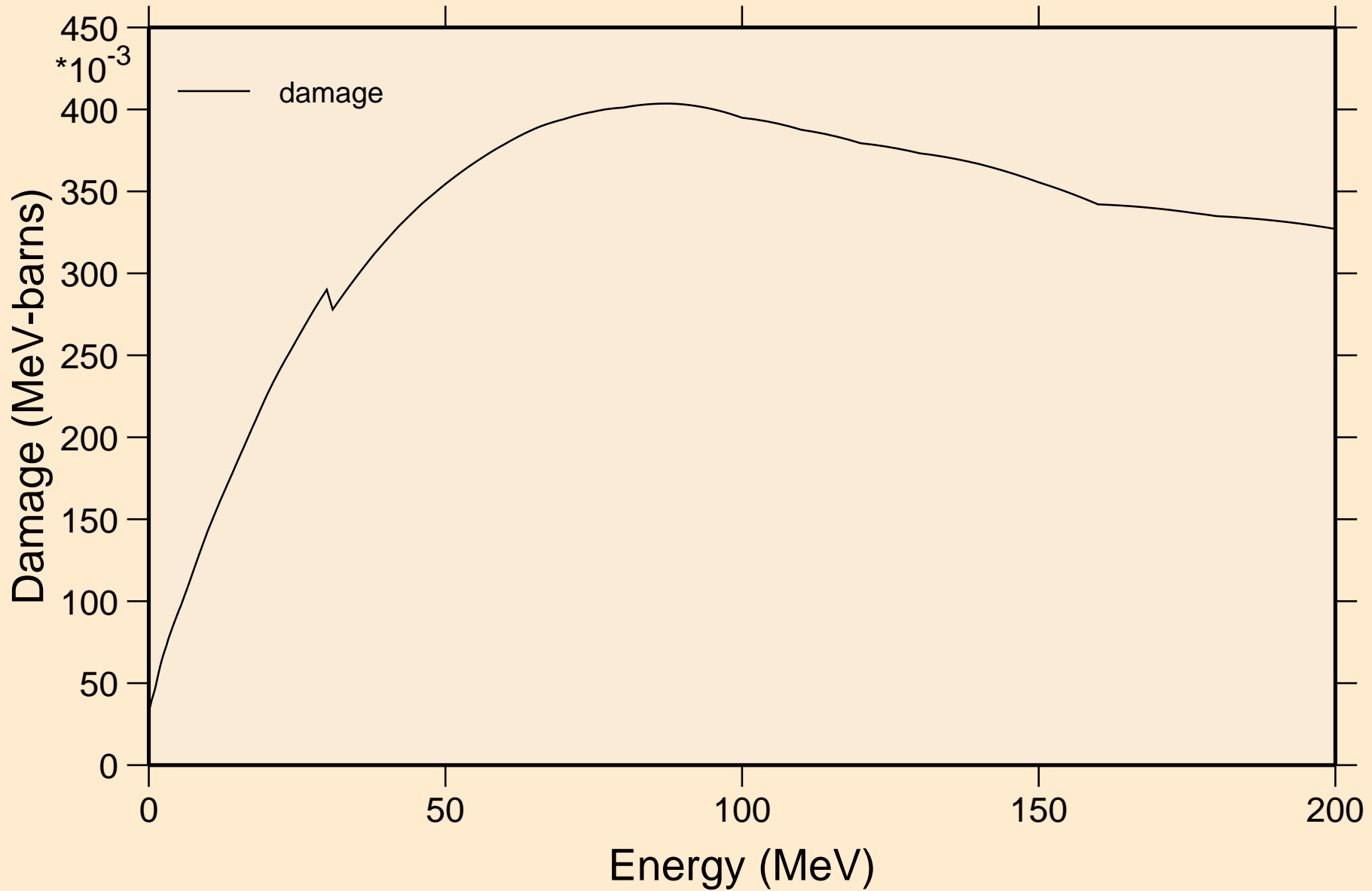


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



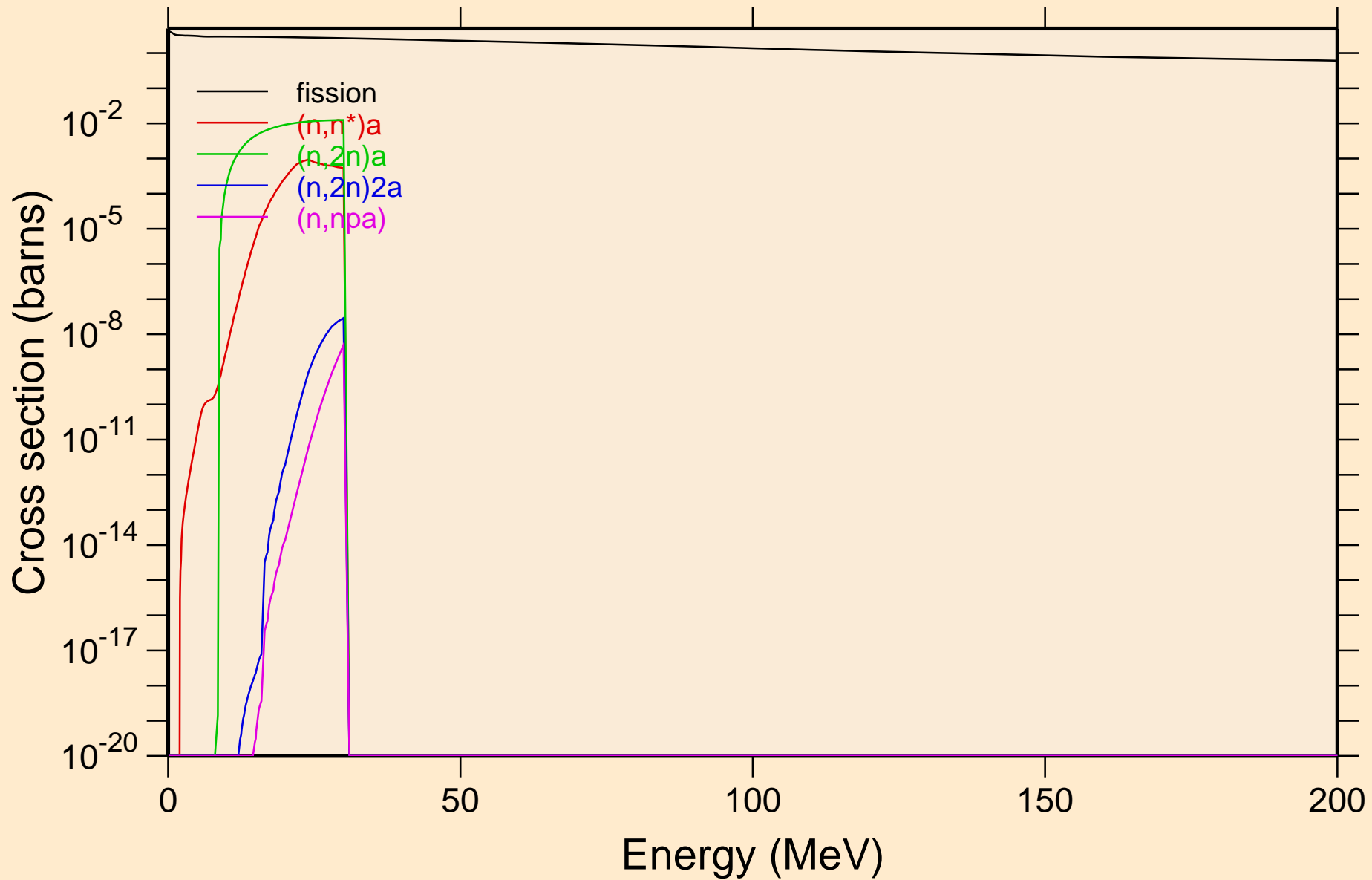
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



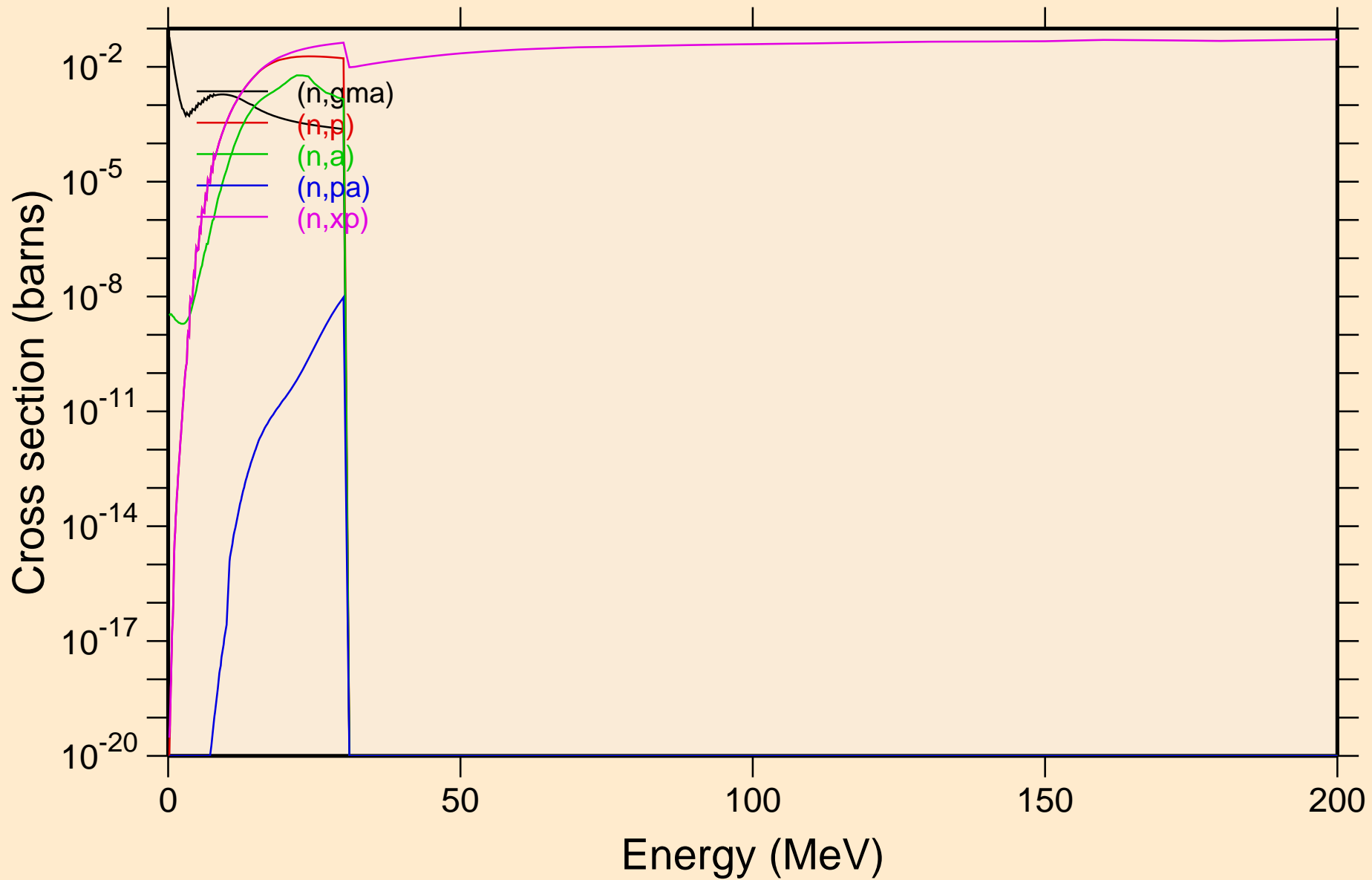
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

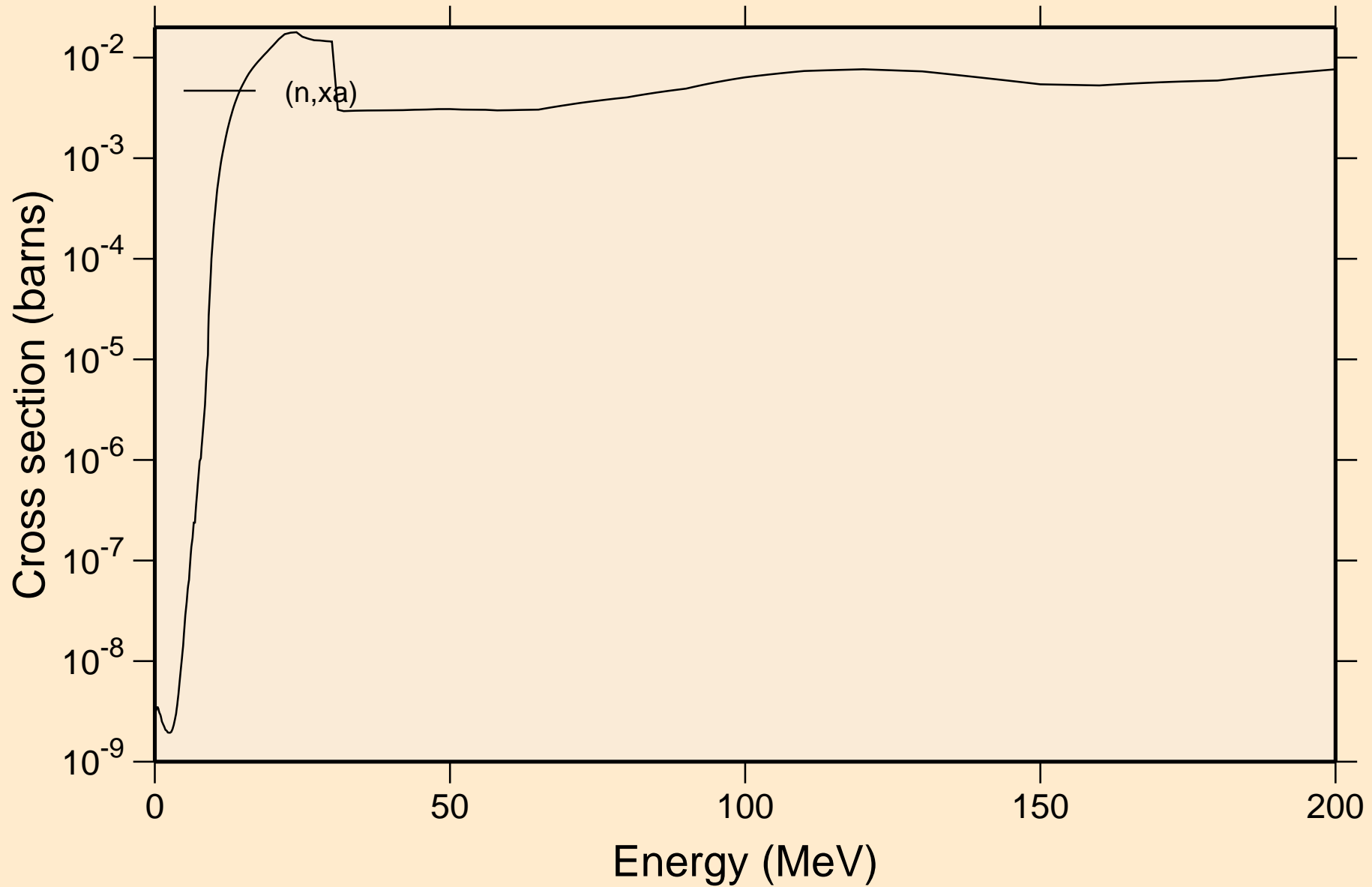


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

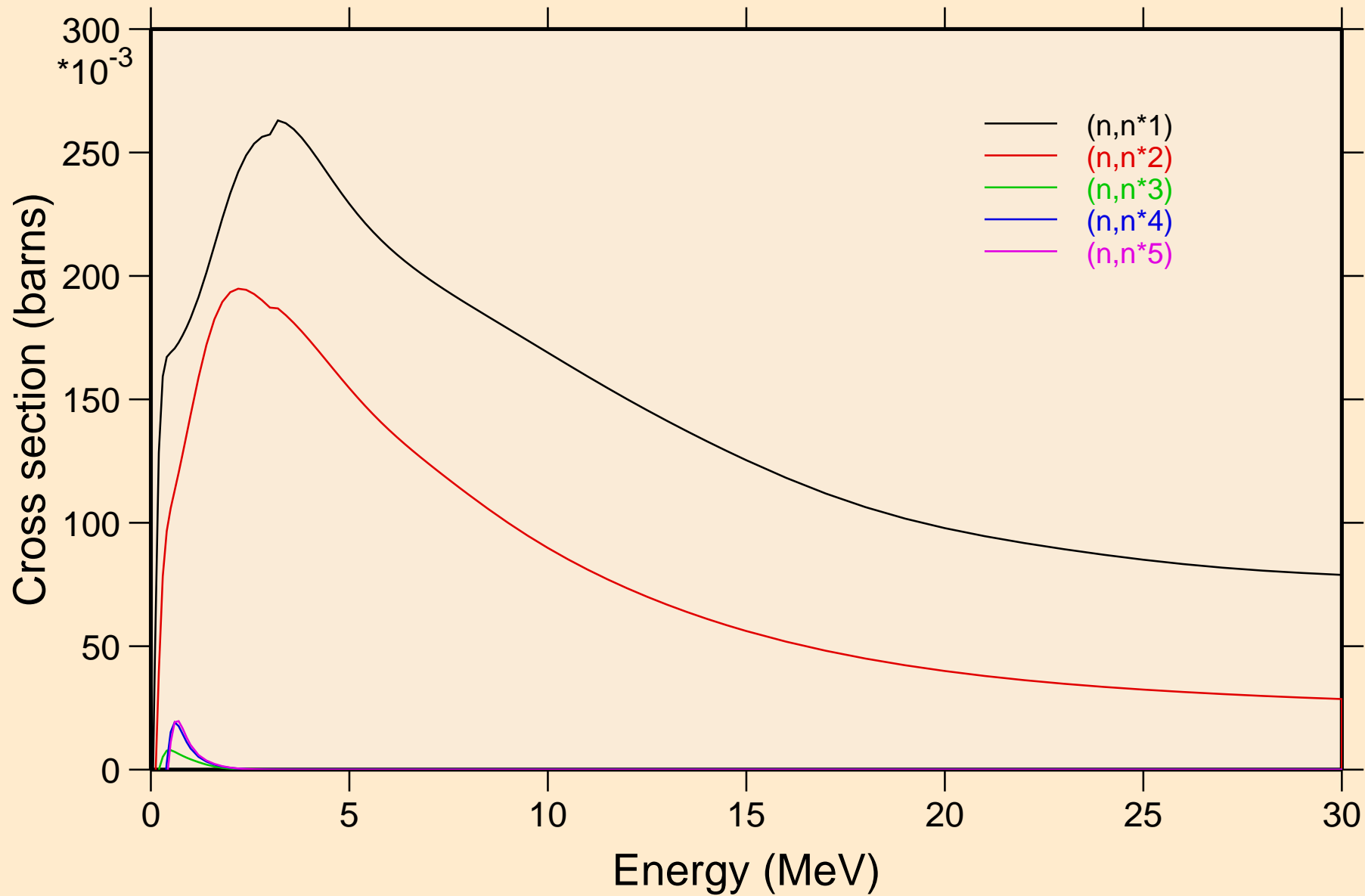
## Non-threshold reactions



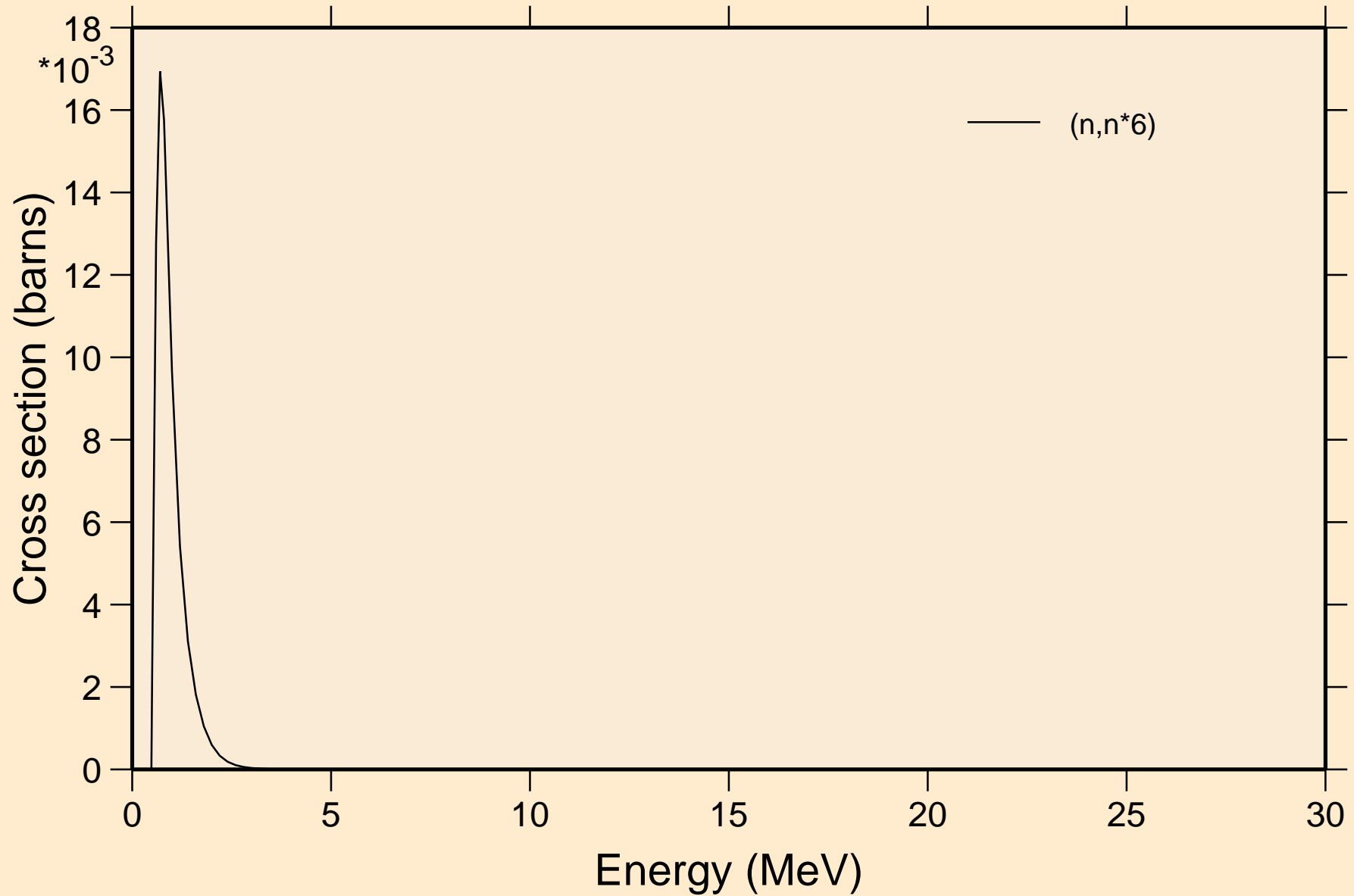
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



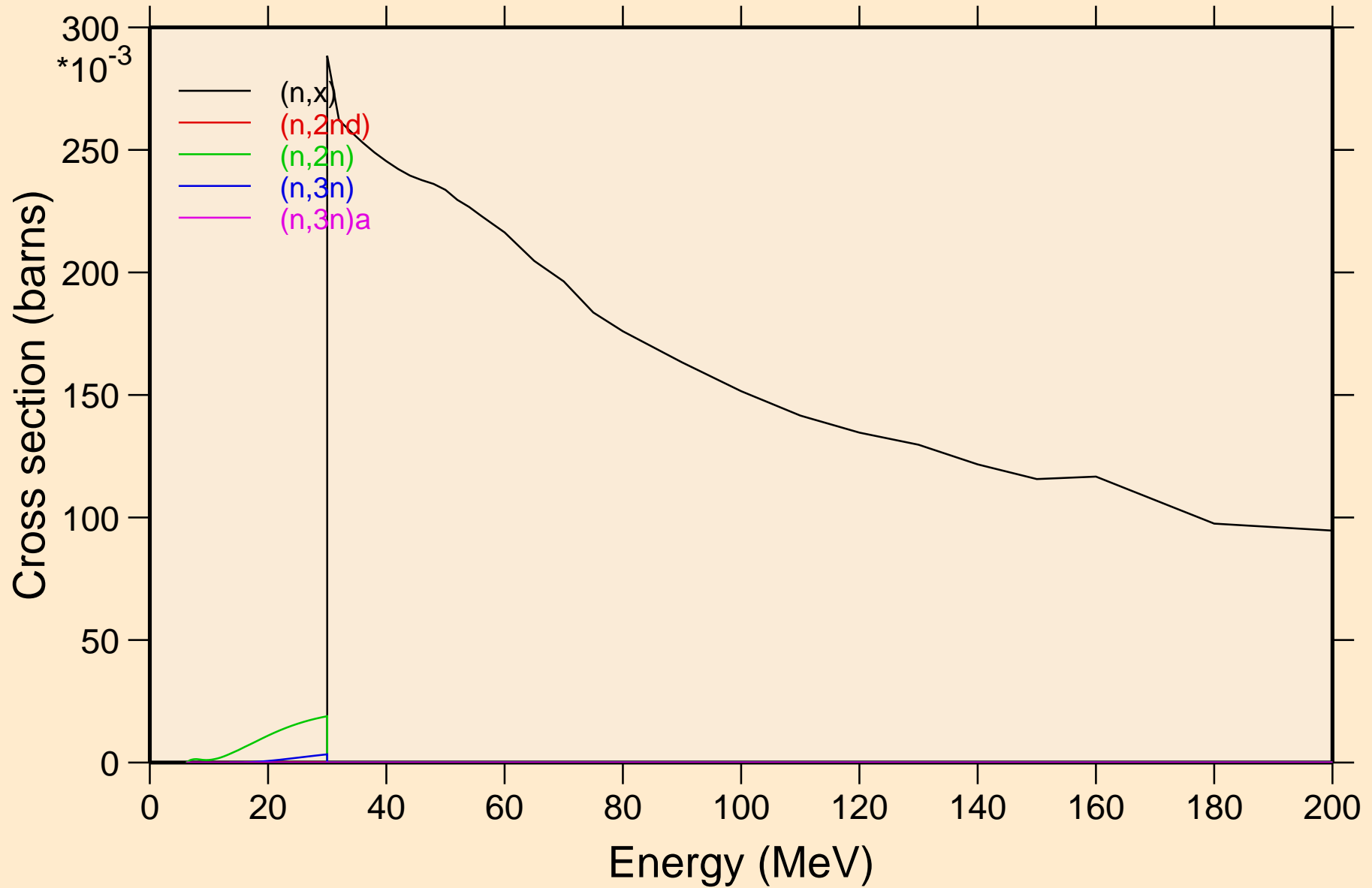
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





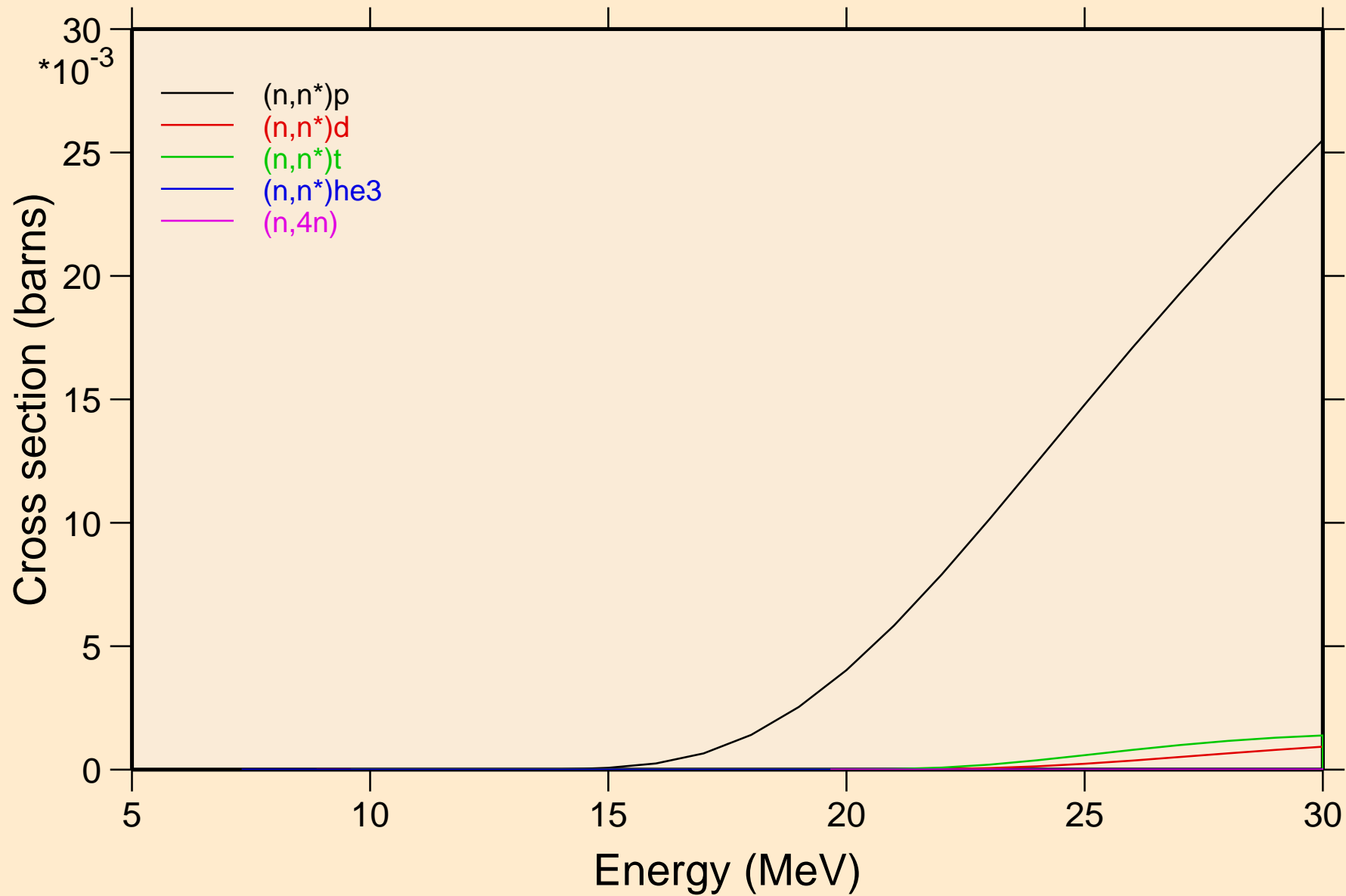
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



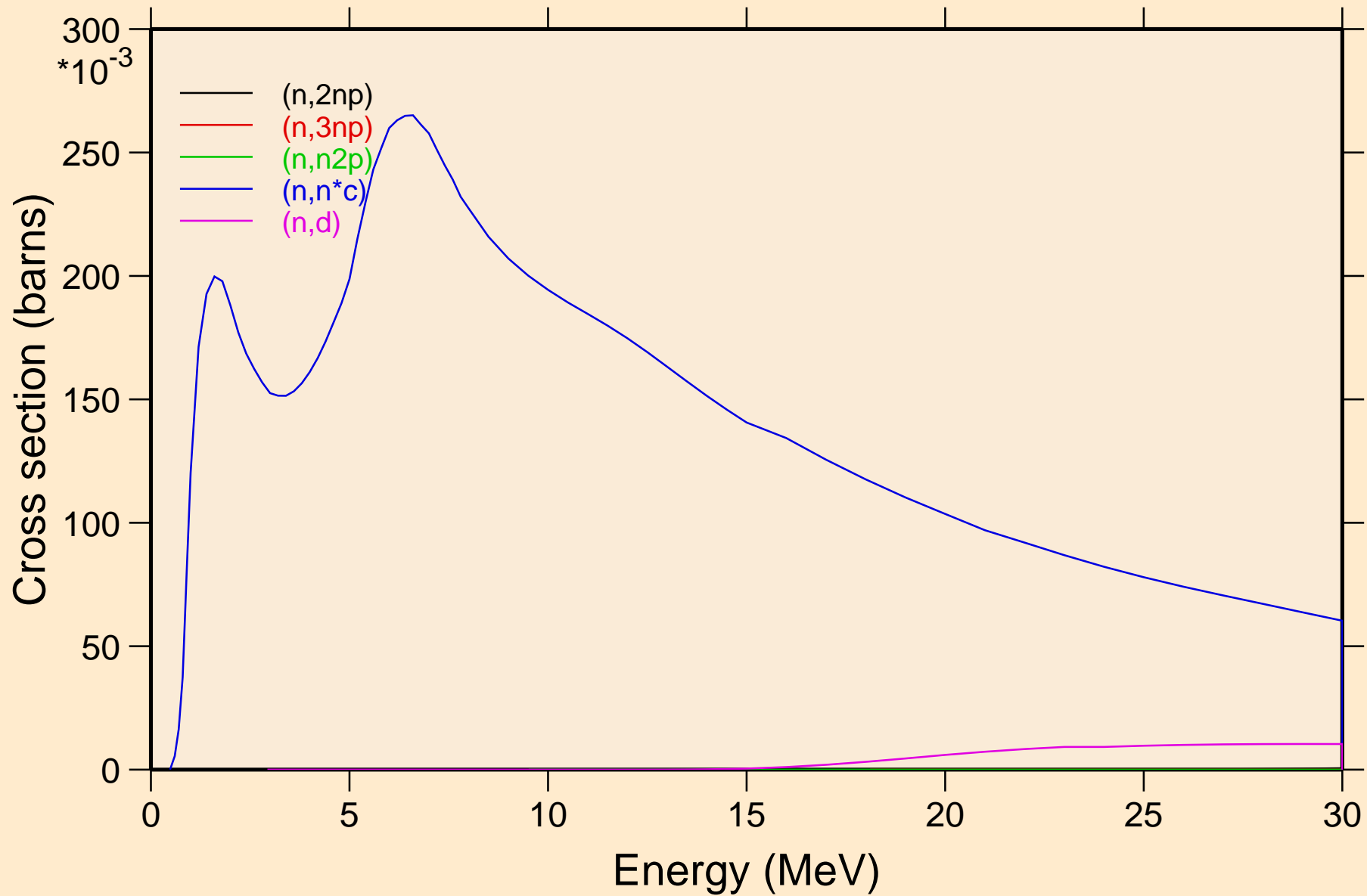
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

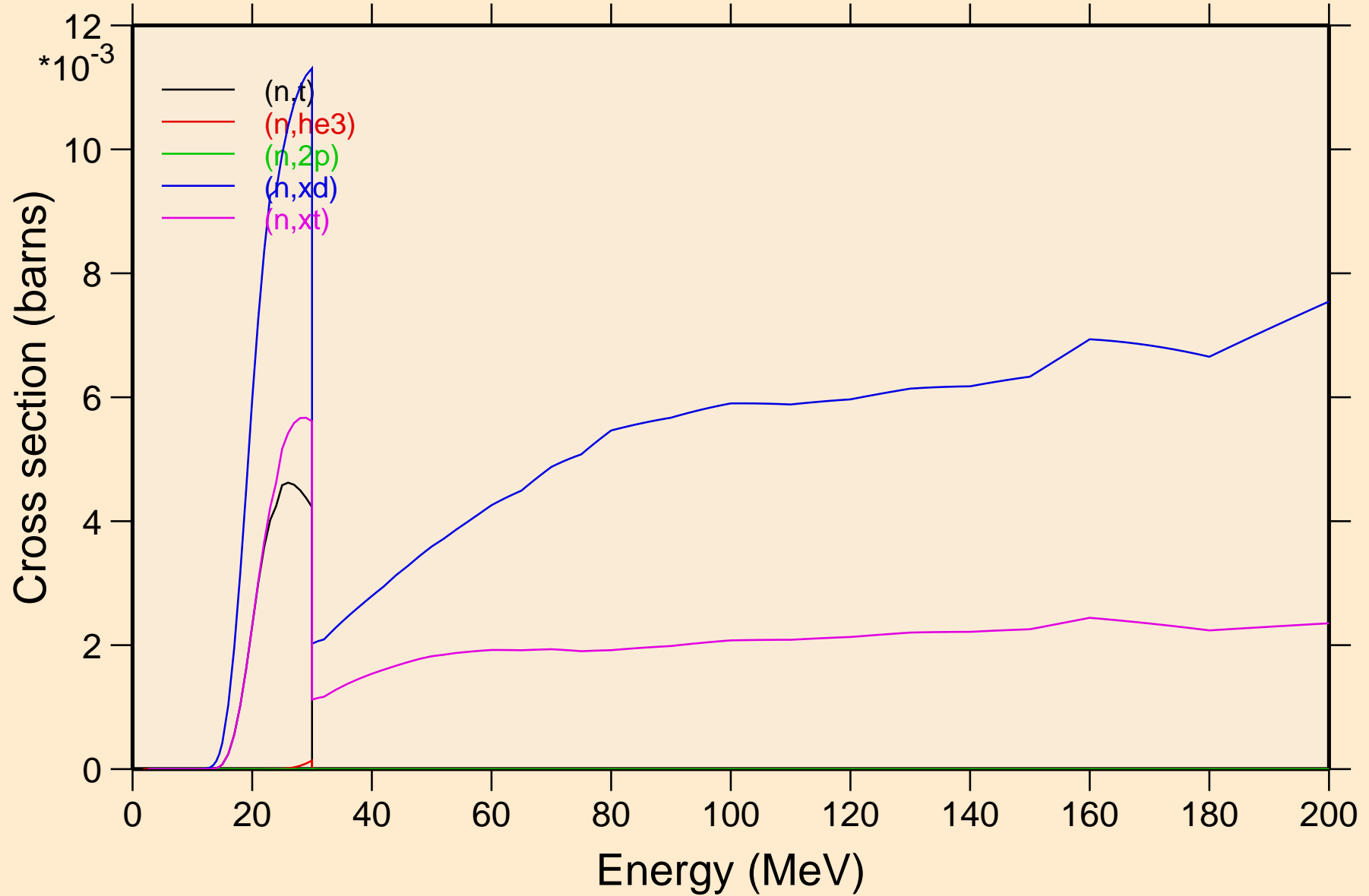


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

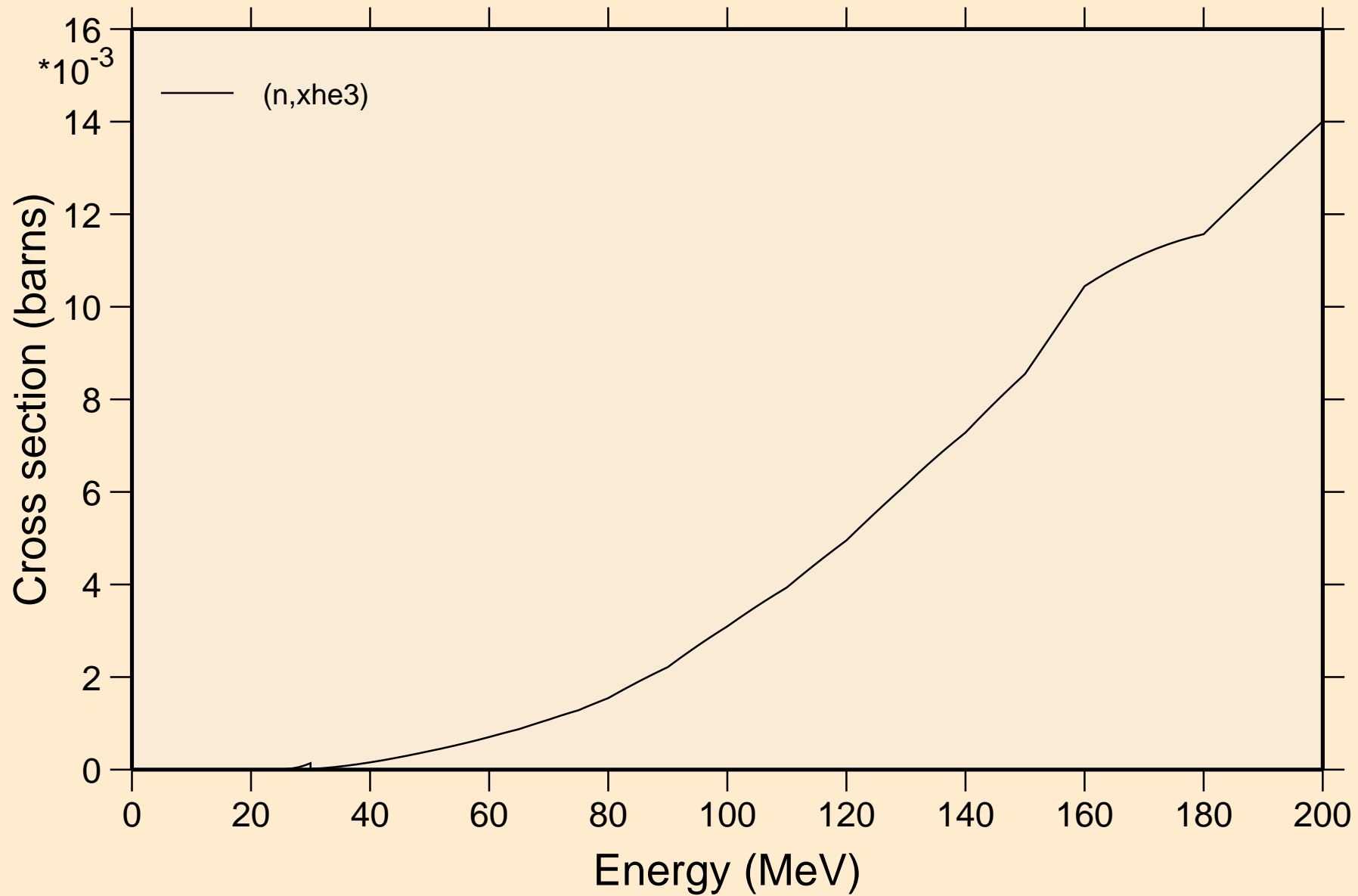
## Threshold reactions



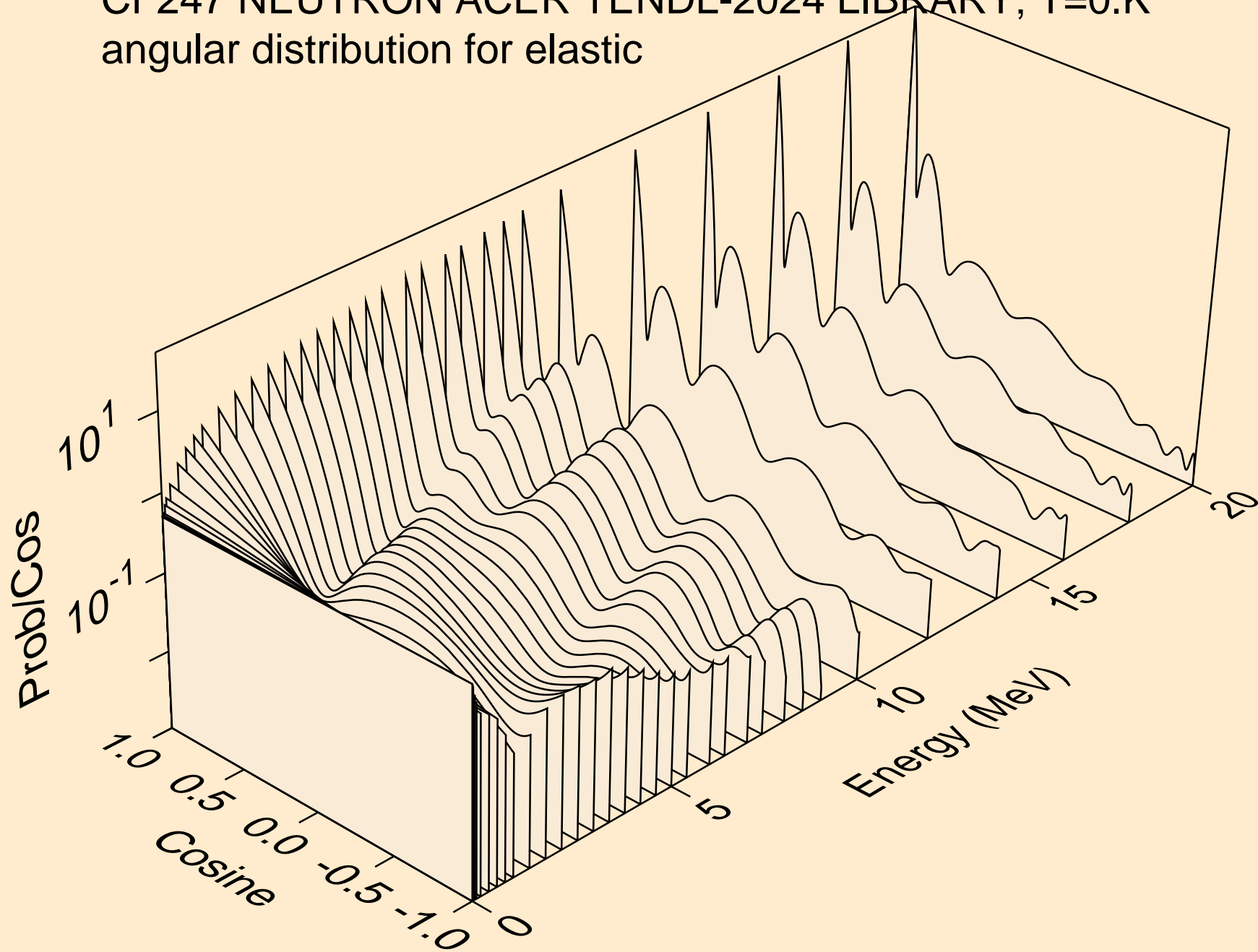
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



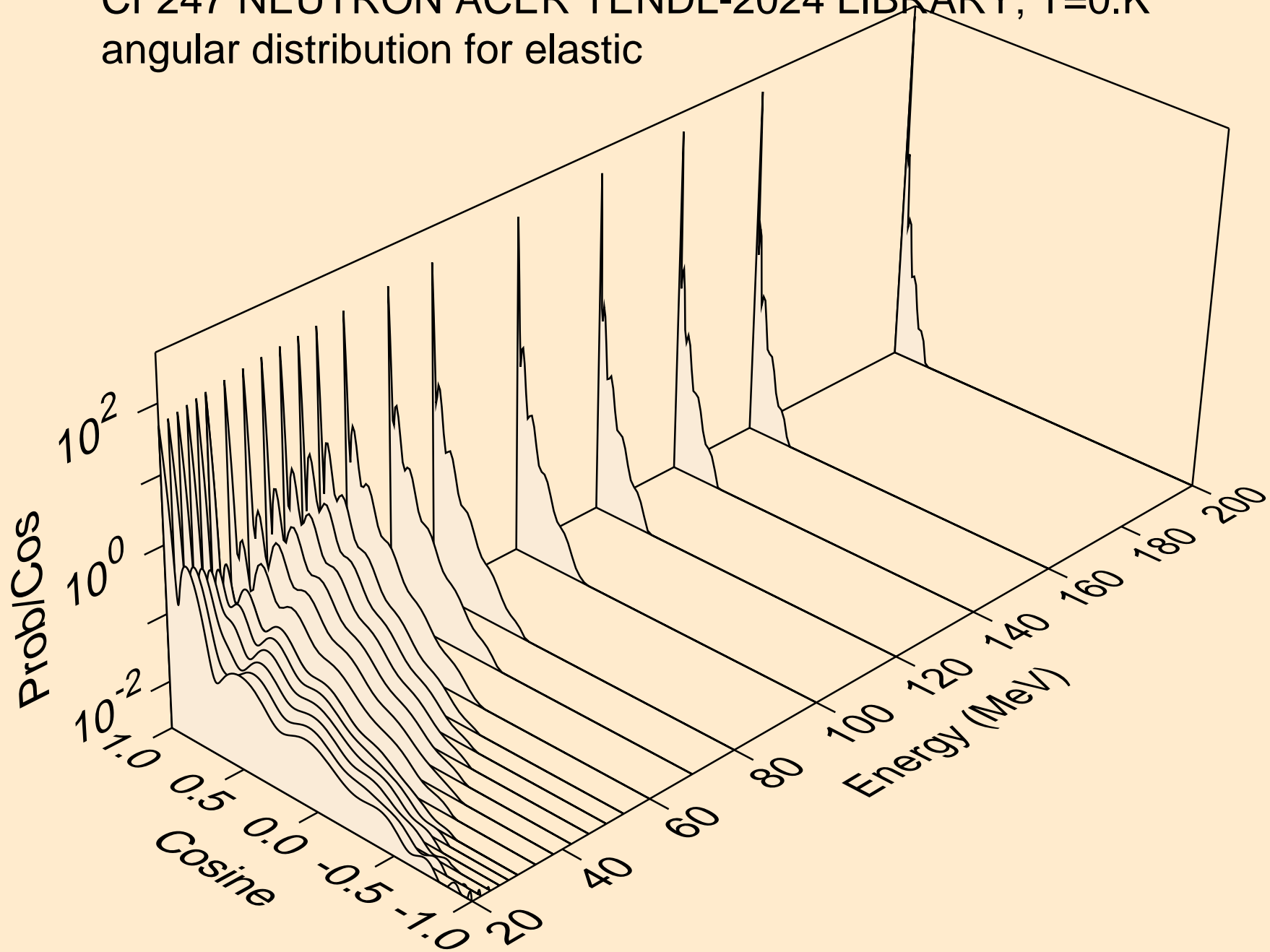
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



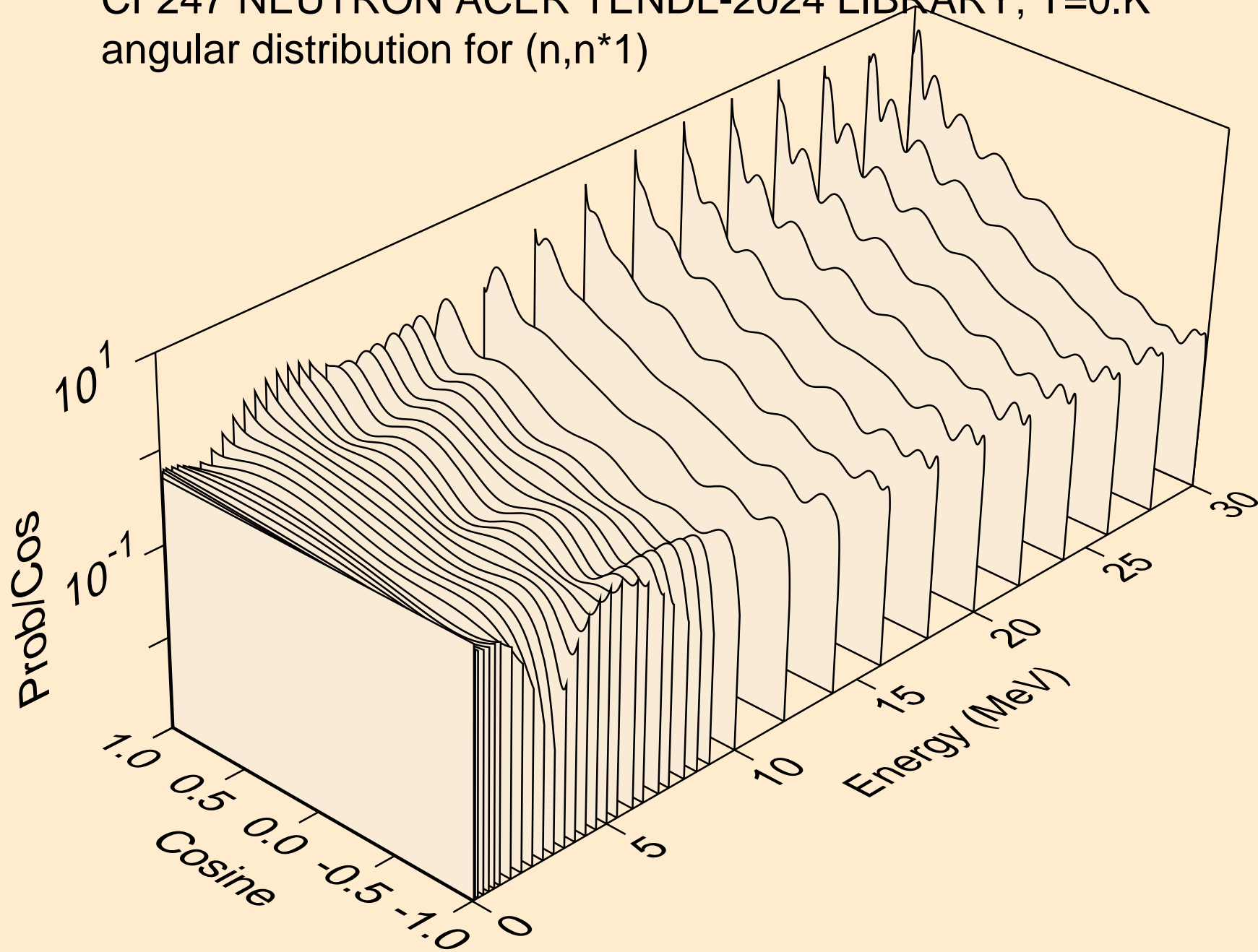
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

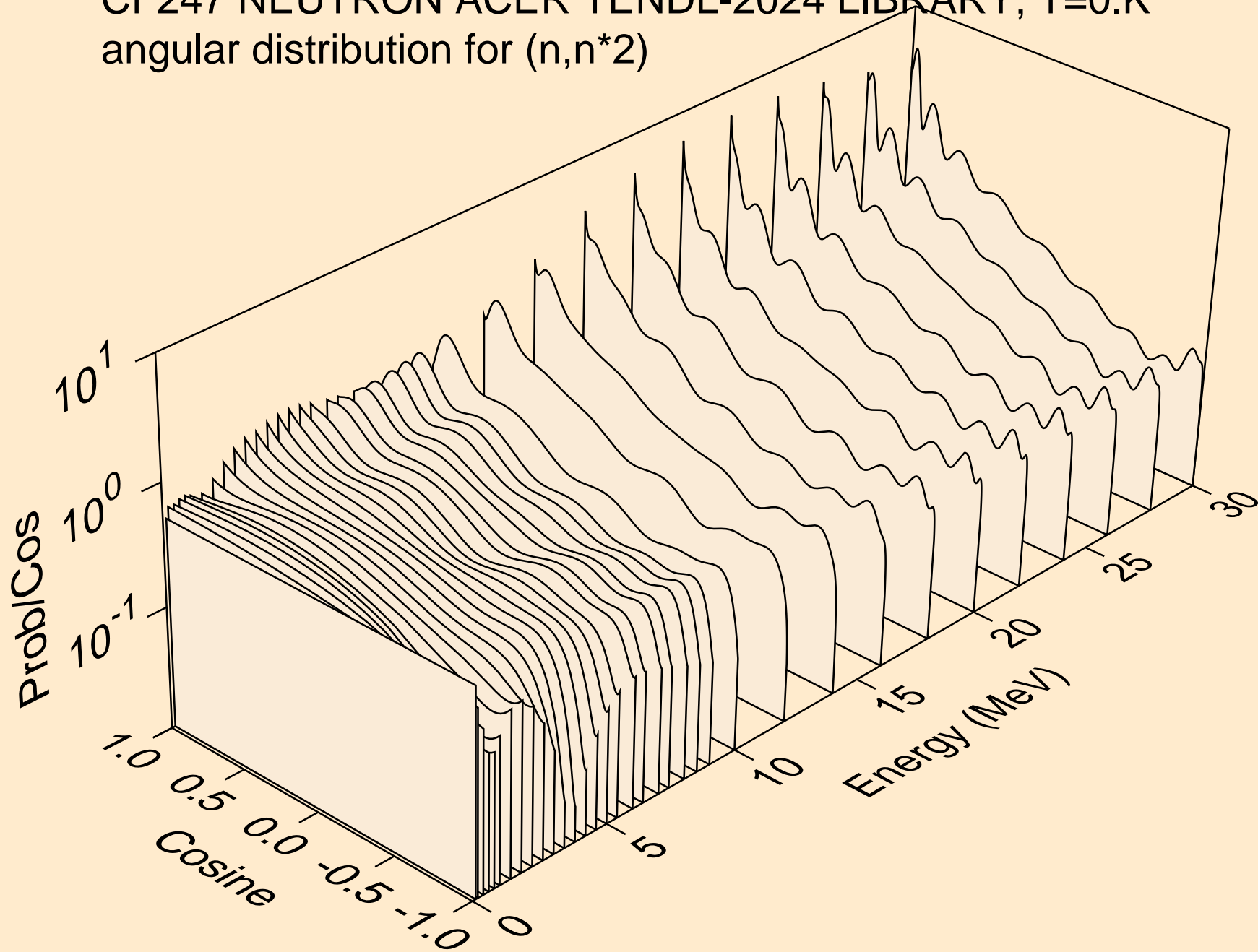


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

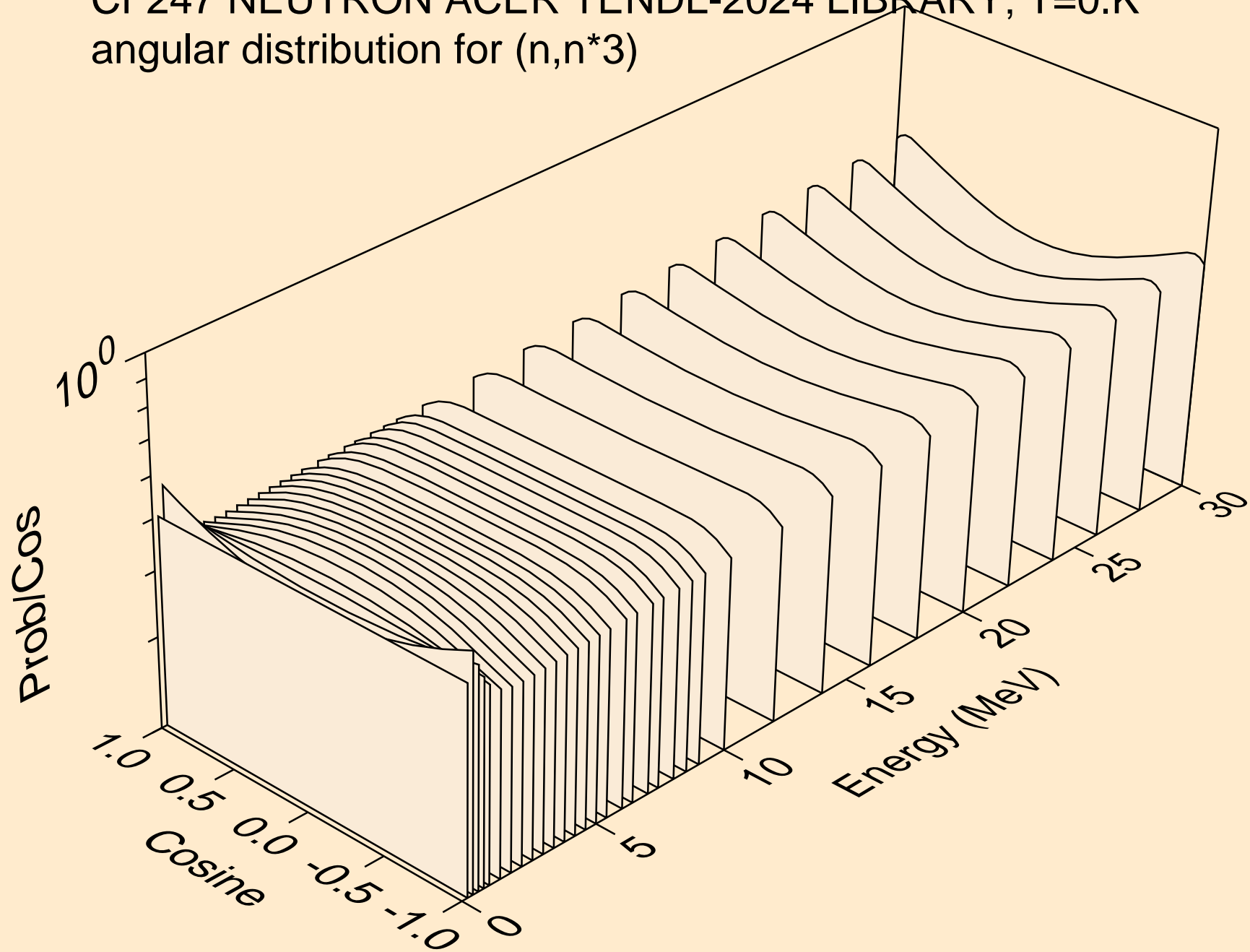




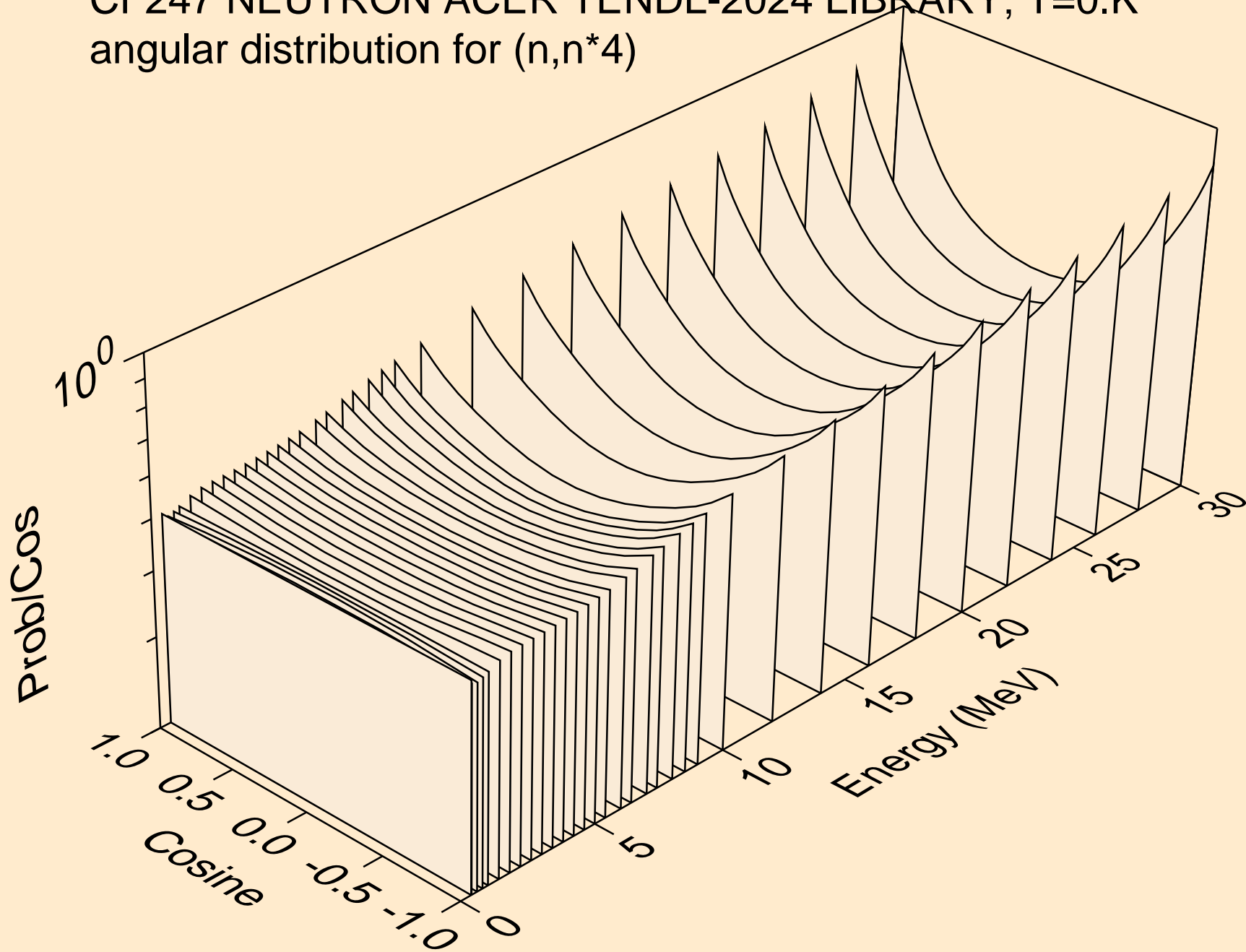
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



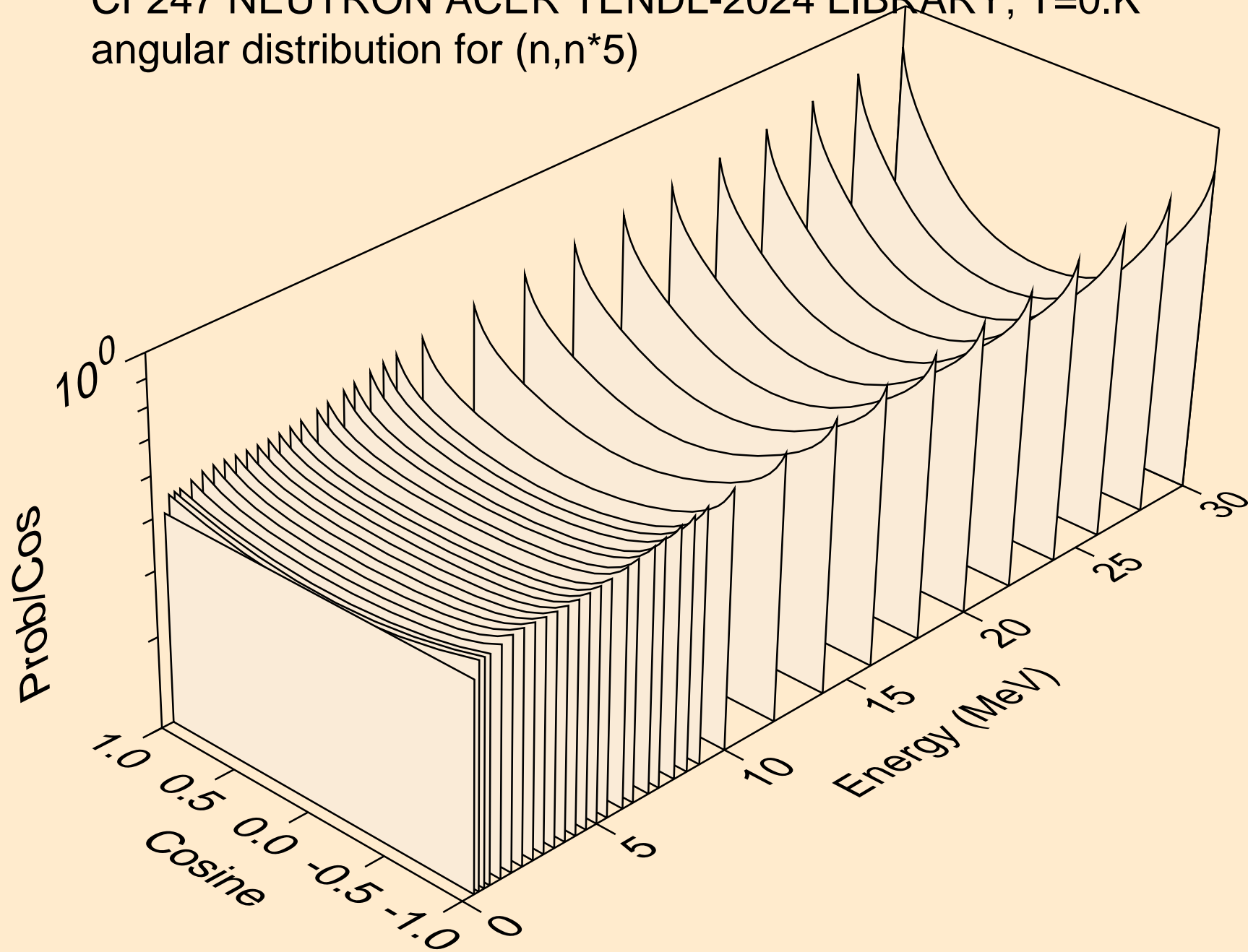
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



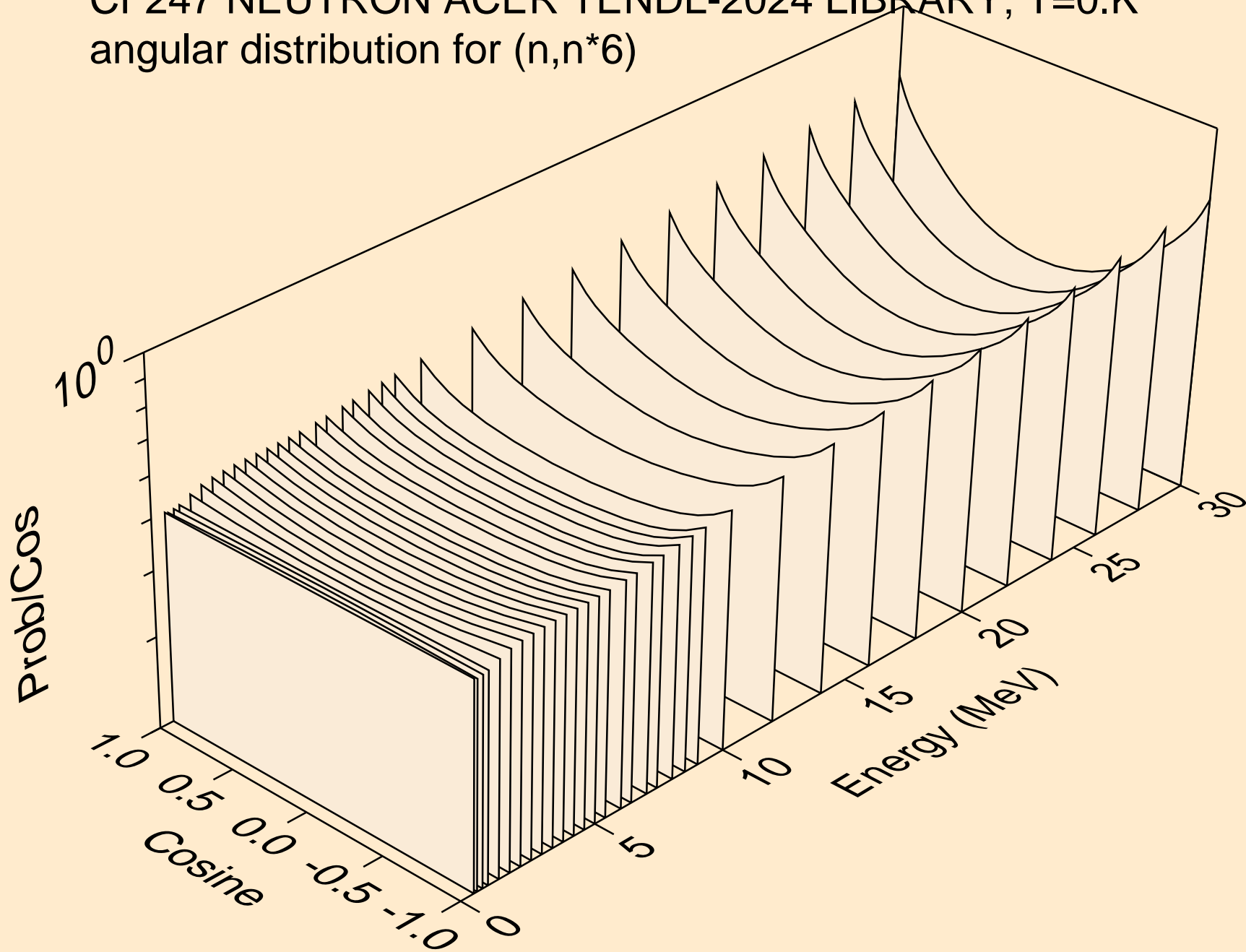
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

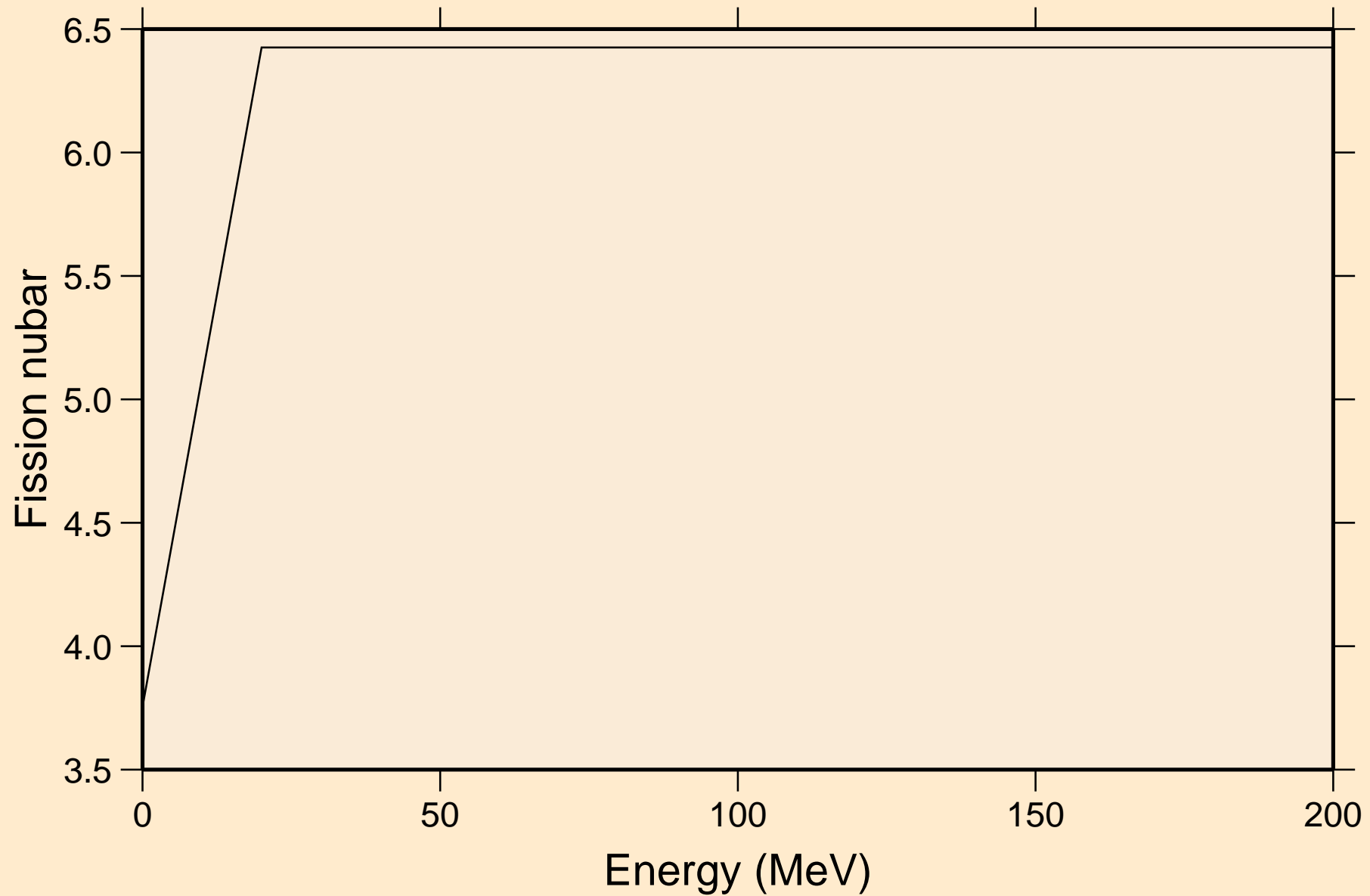


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

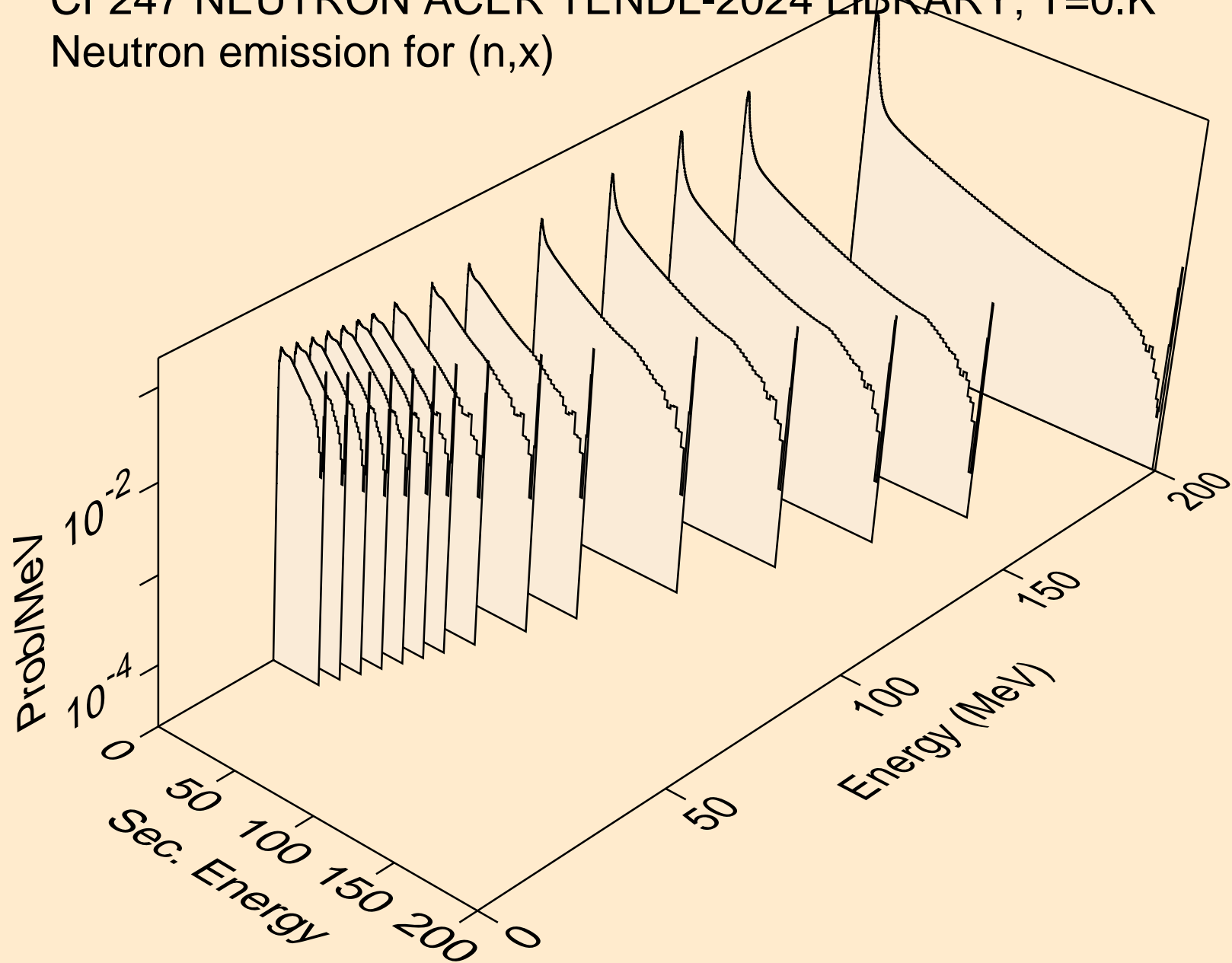


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

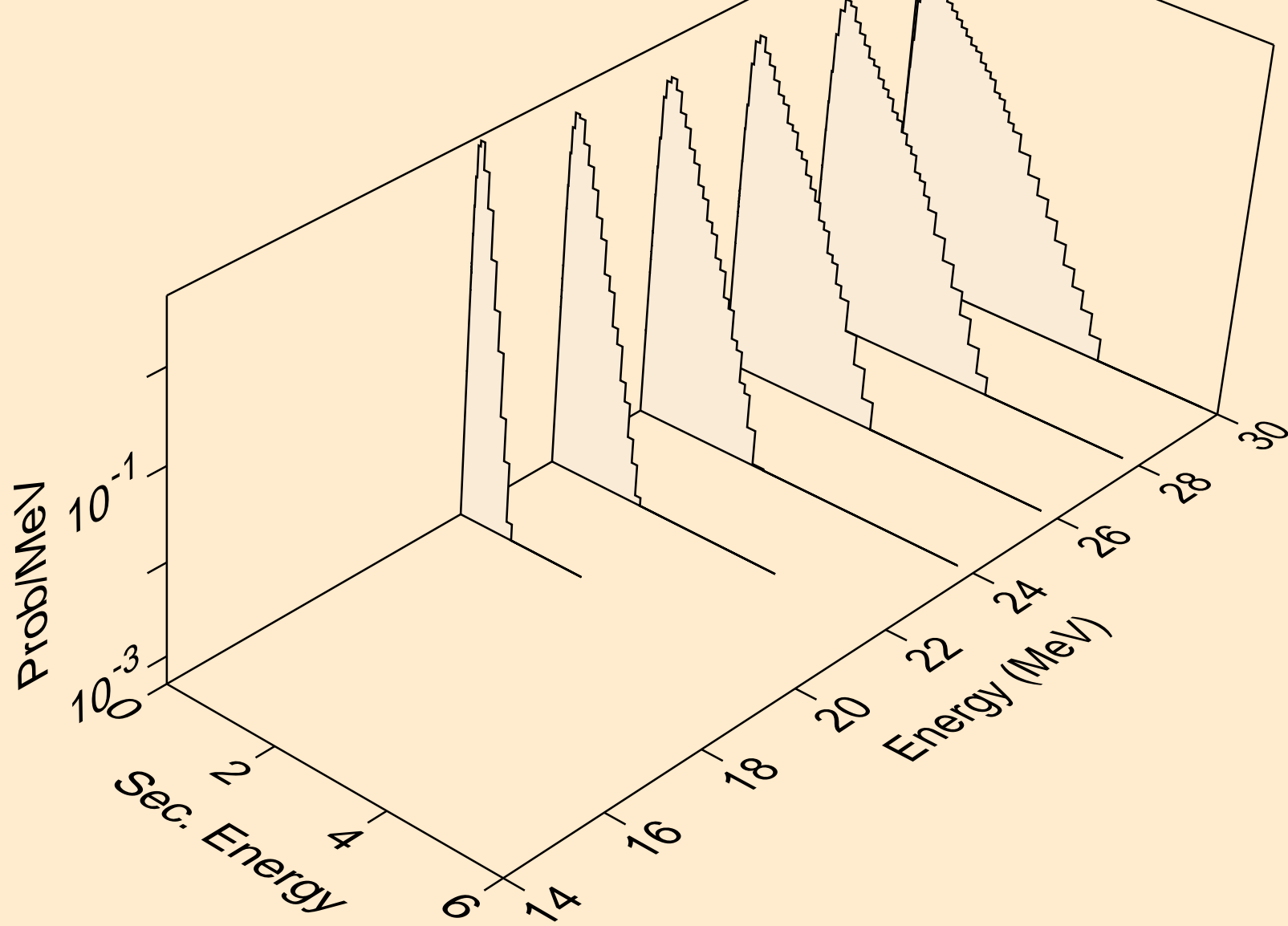
Total fission nubar



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

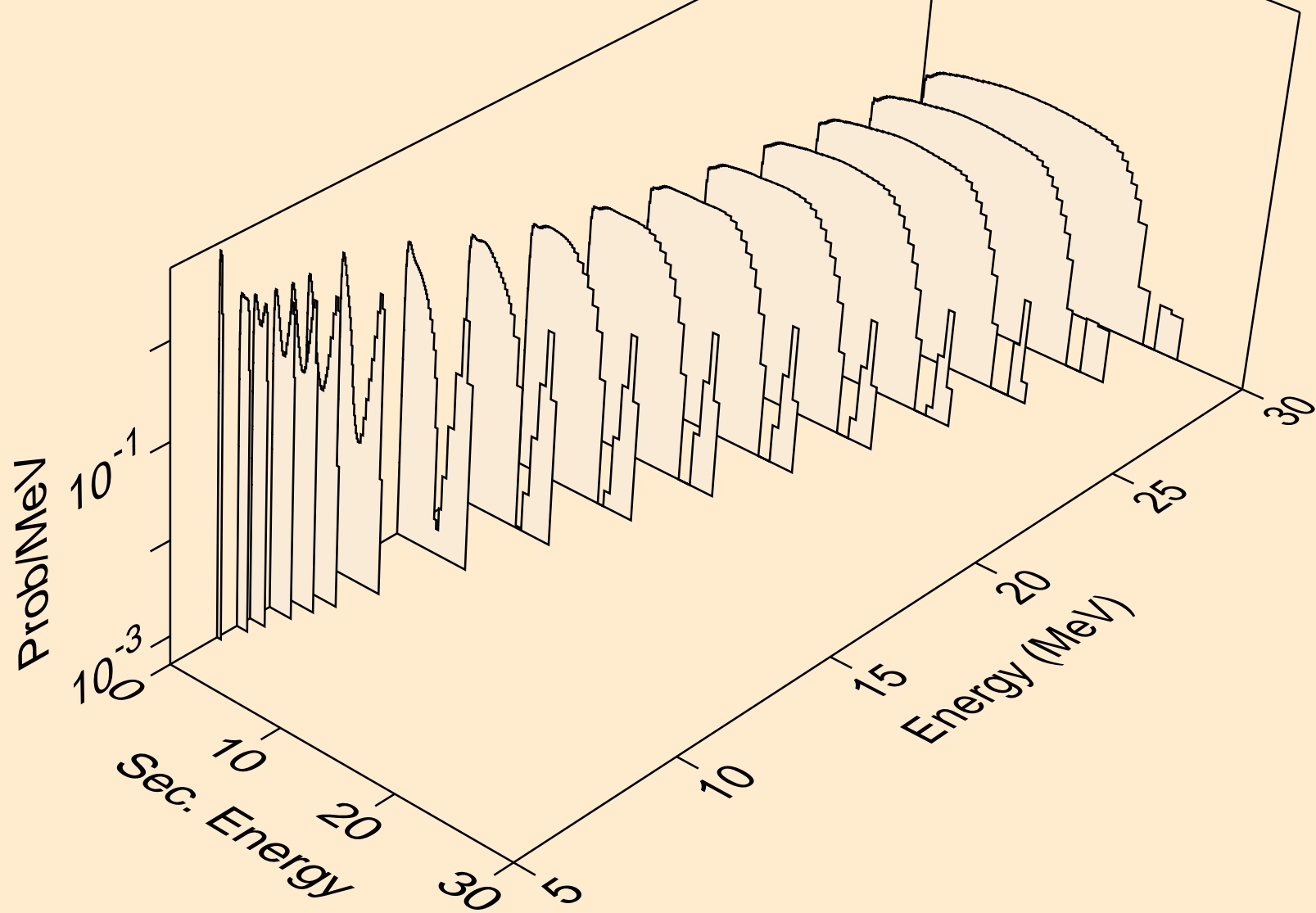


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

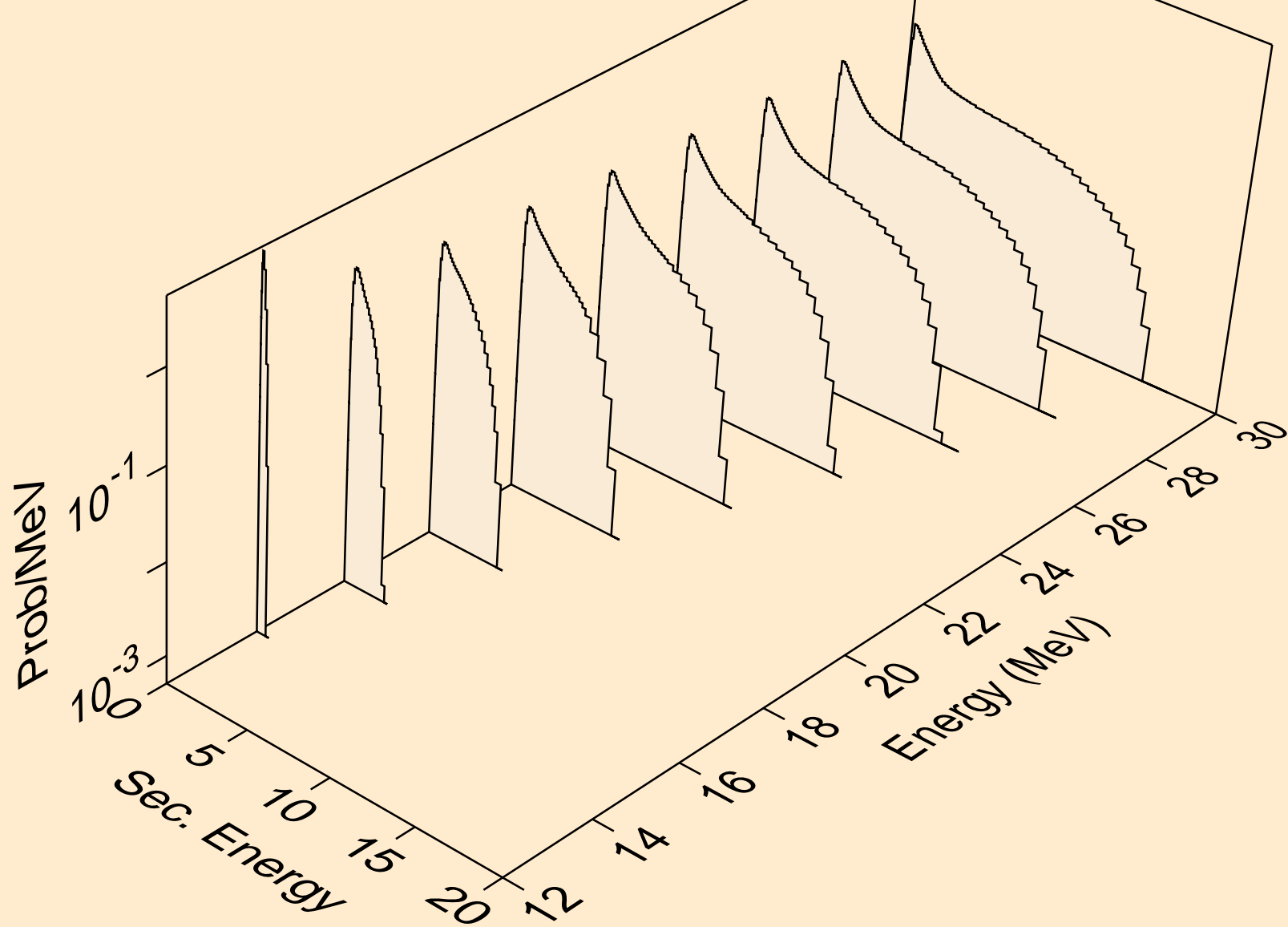




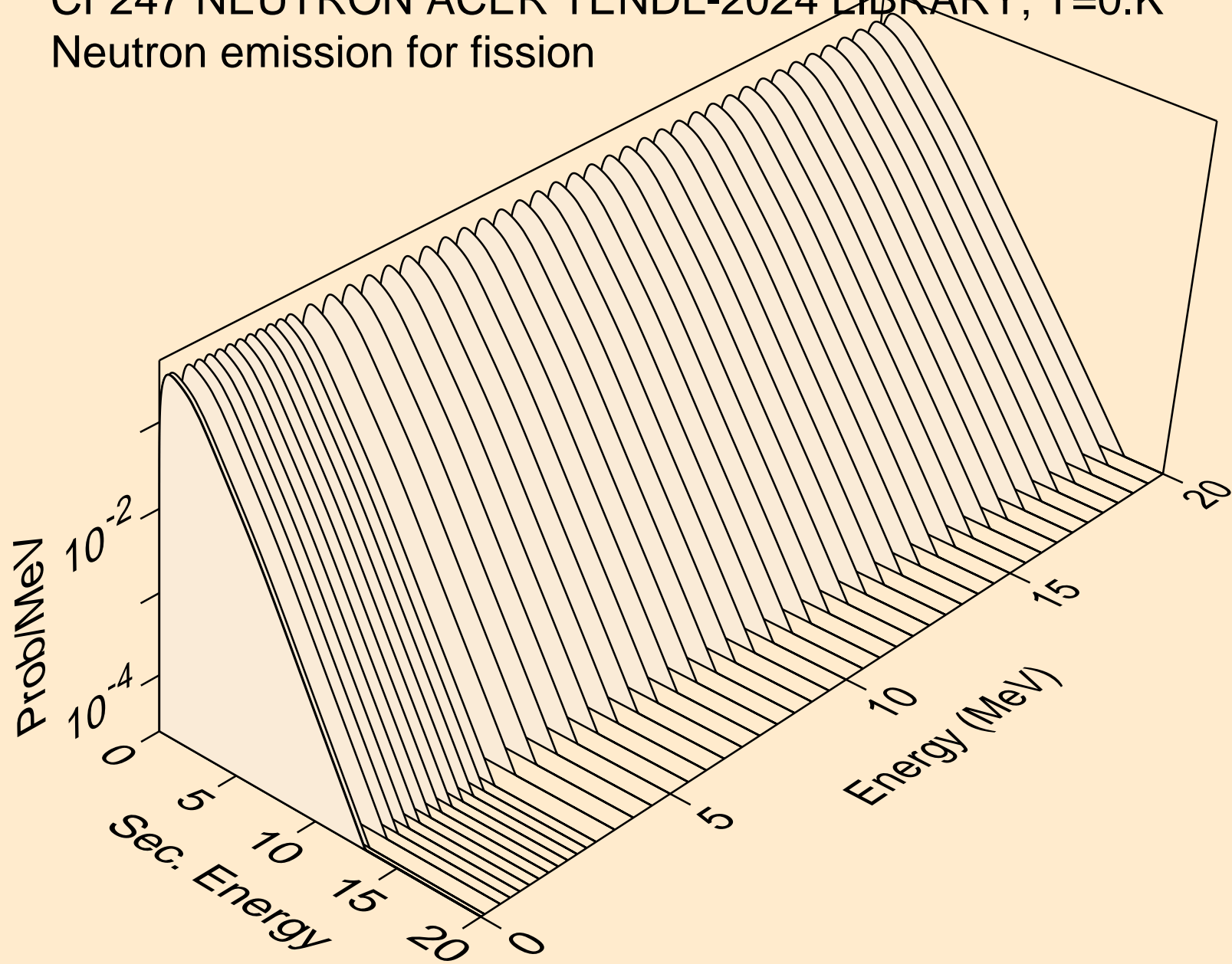
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



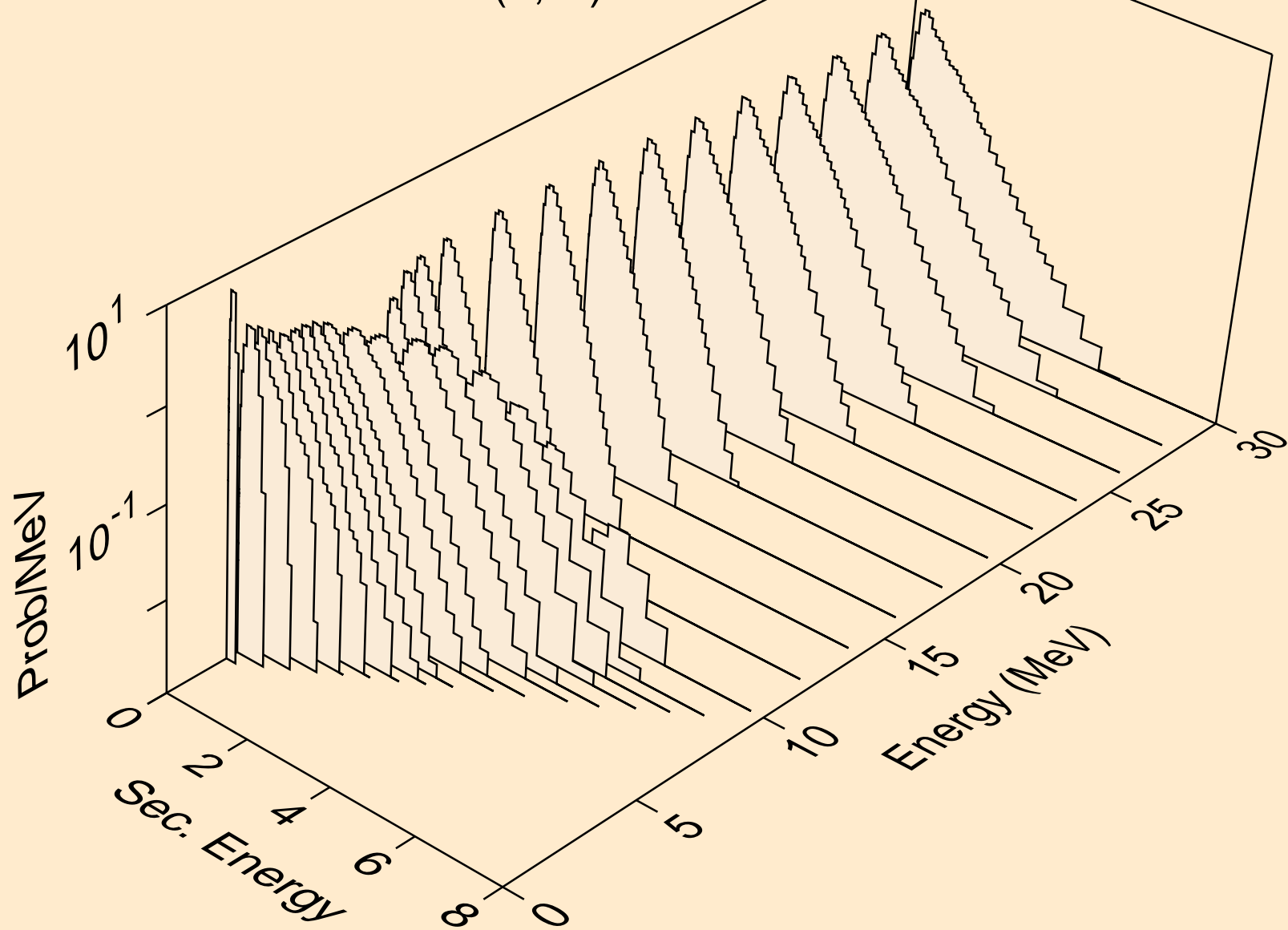
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



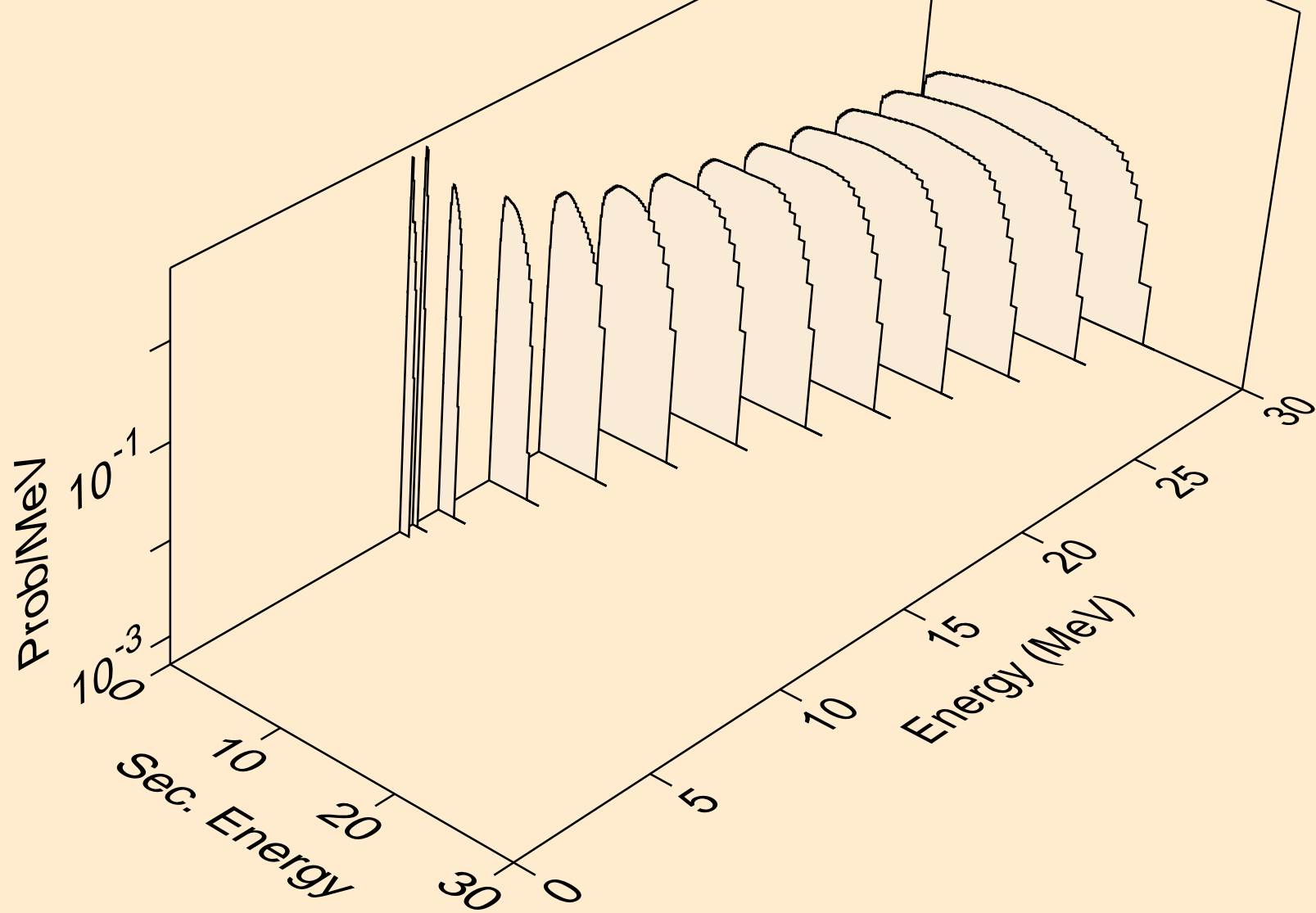
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



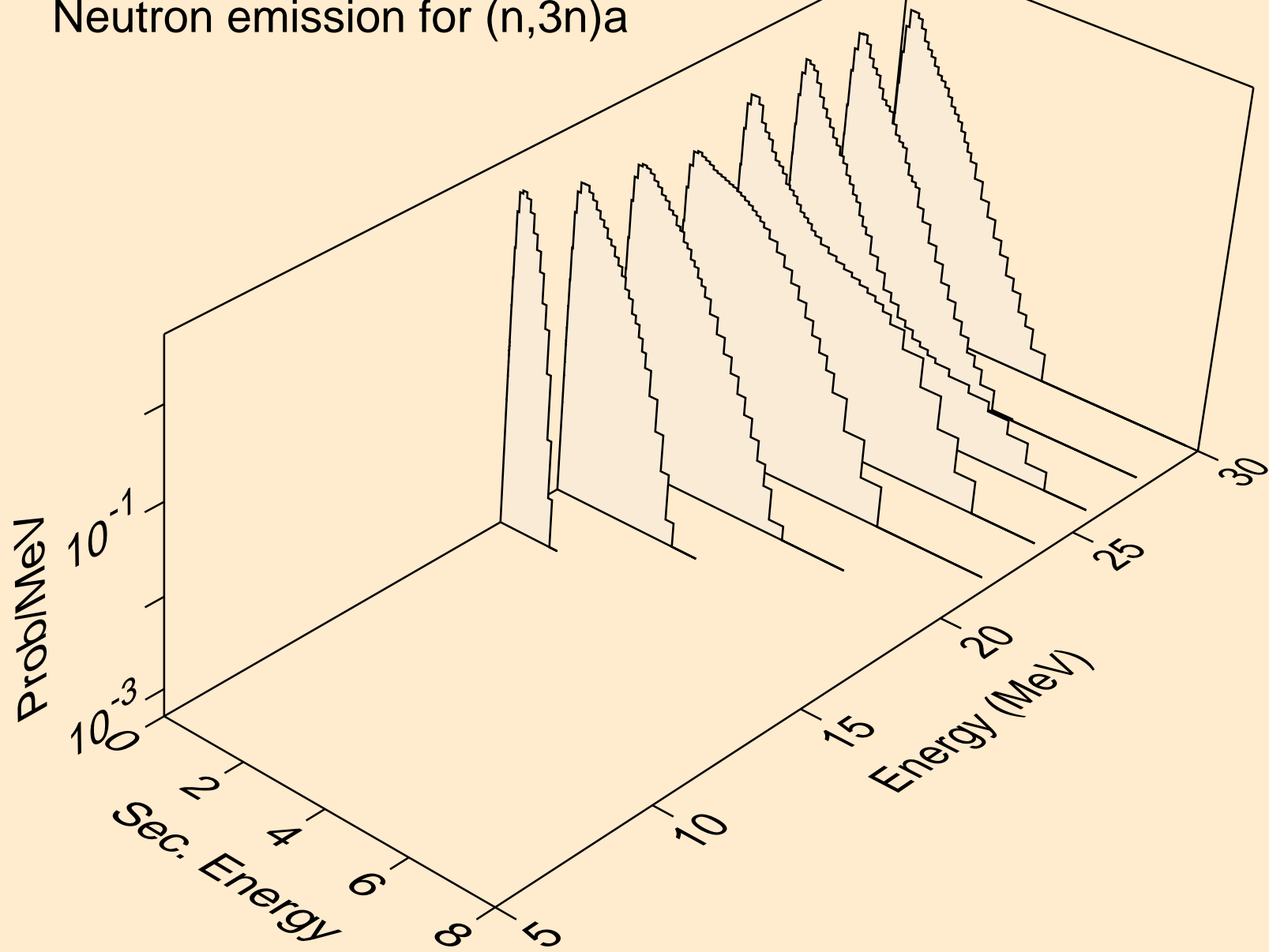
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



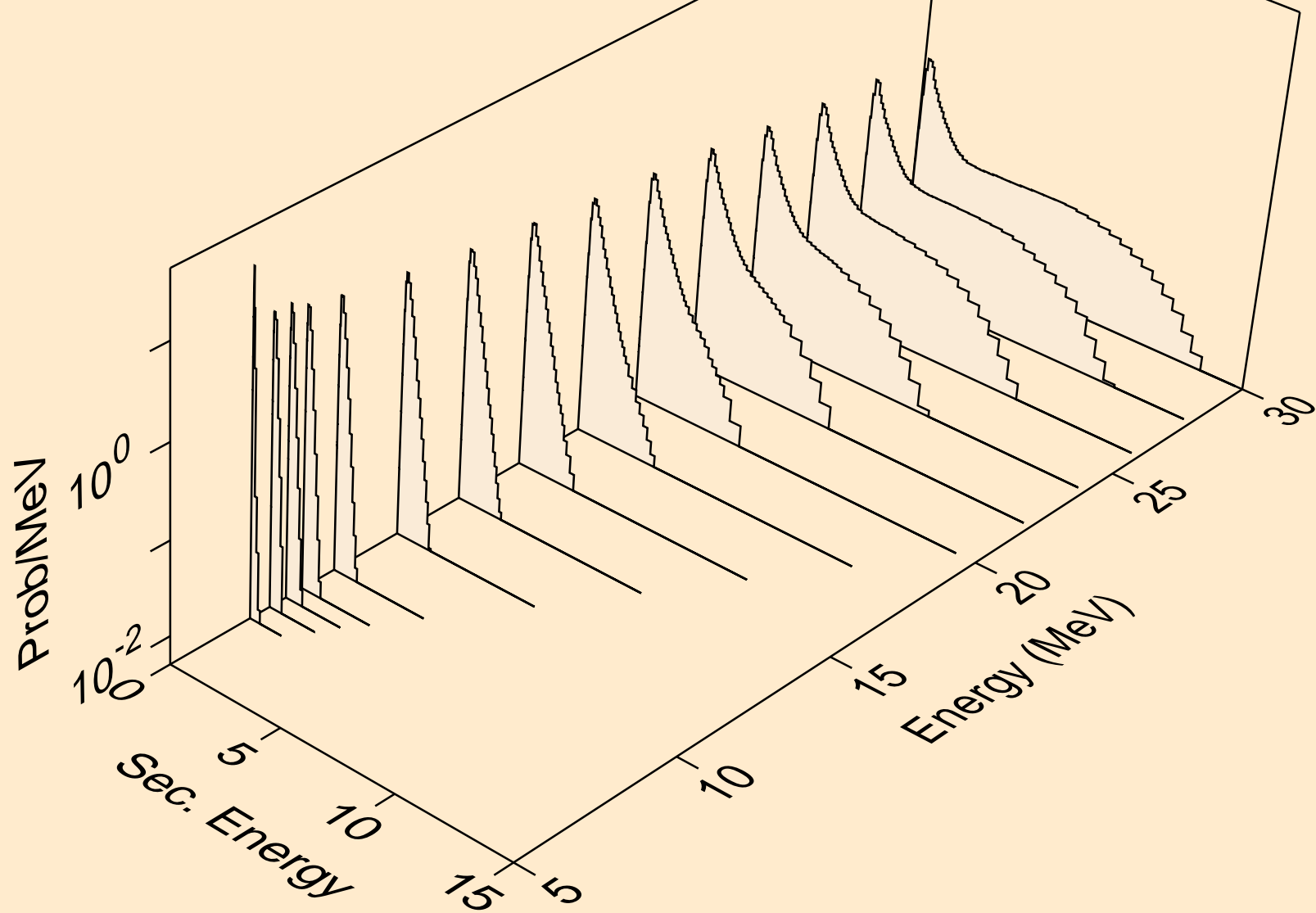
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



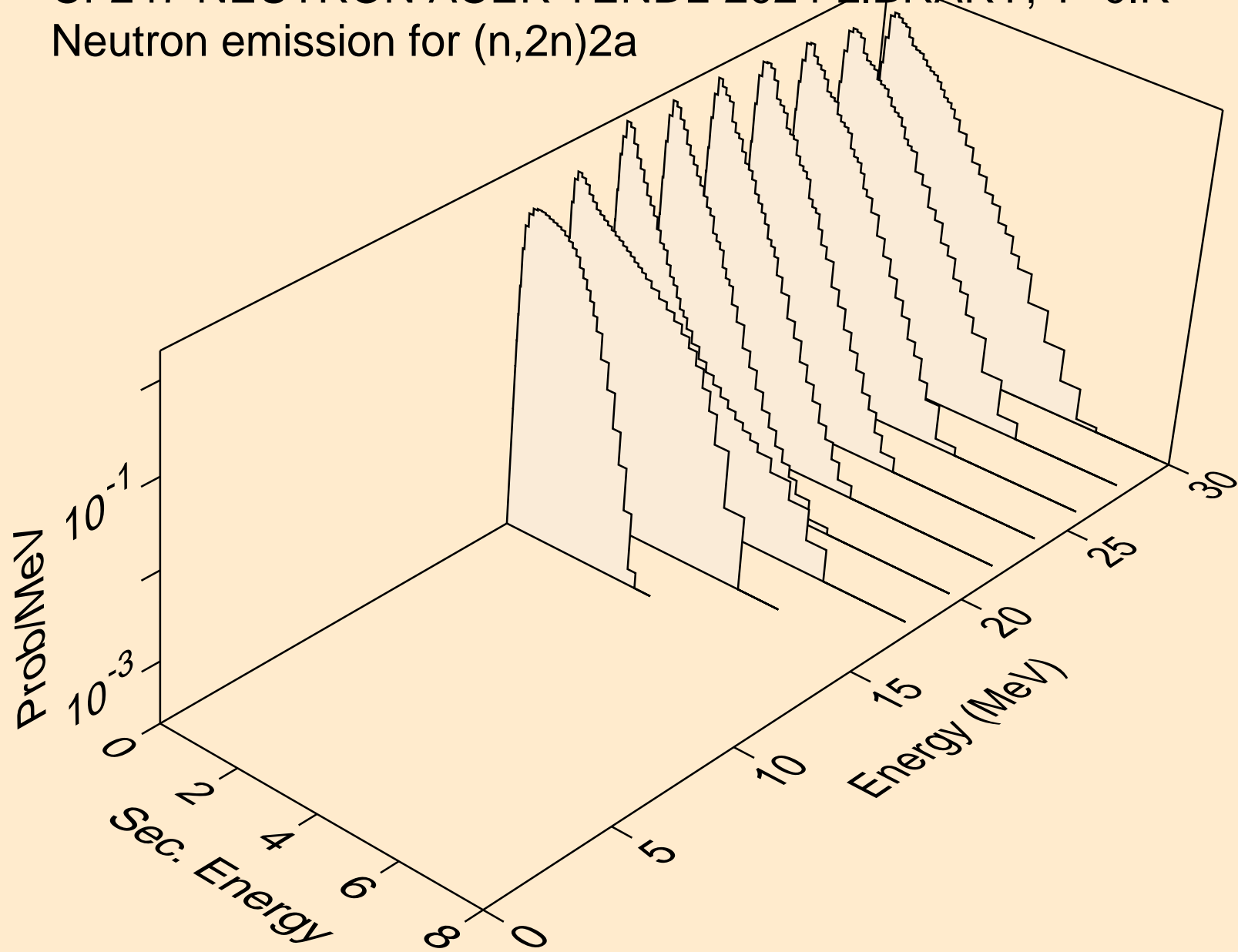
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

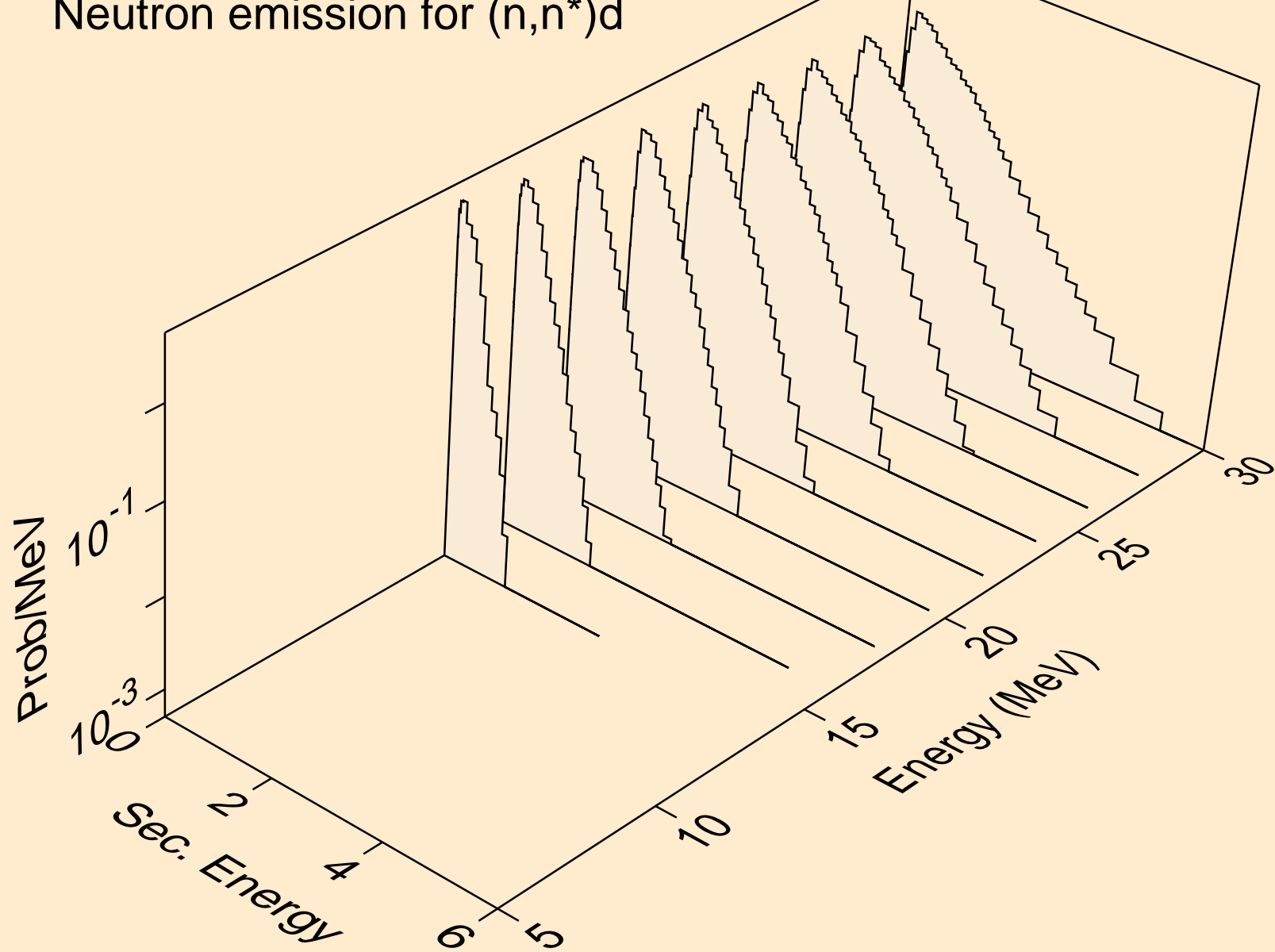


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

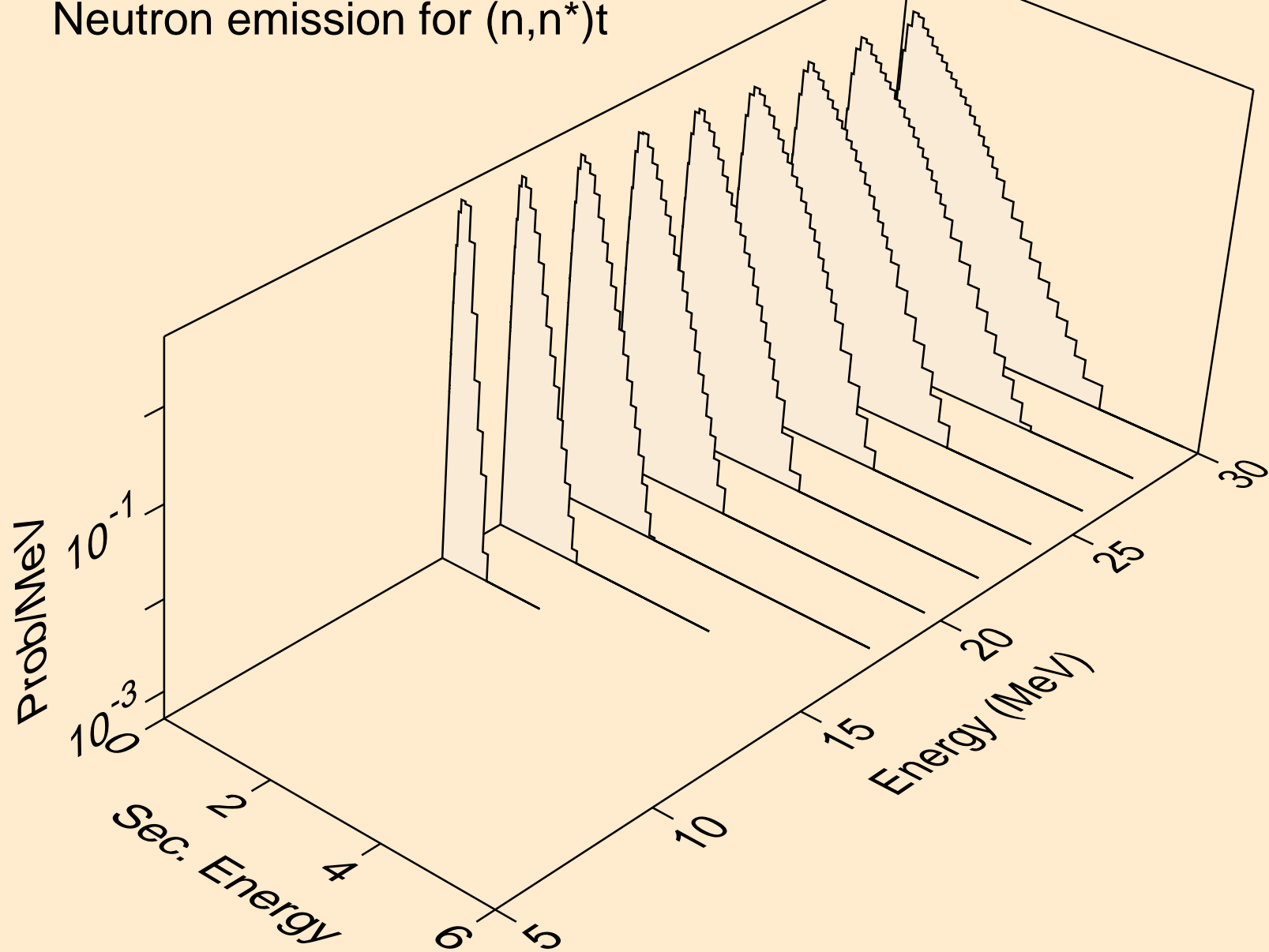




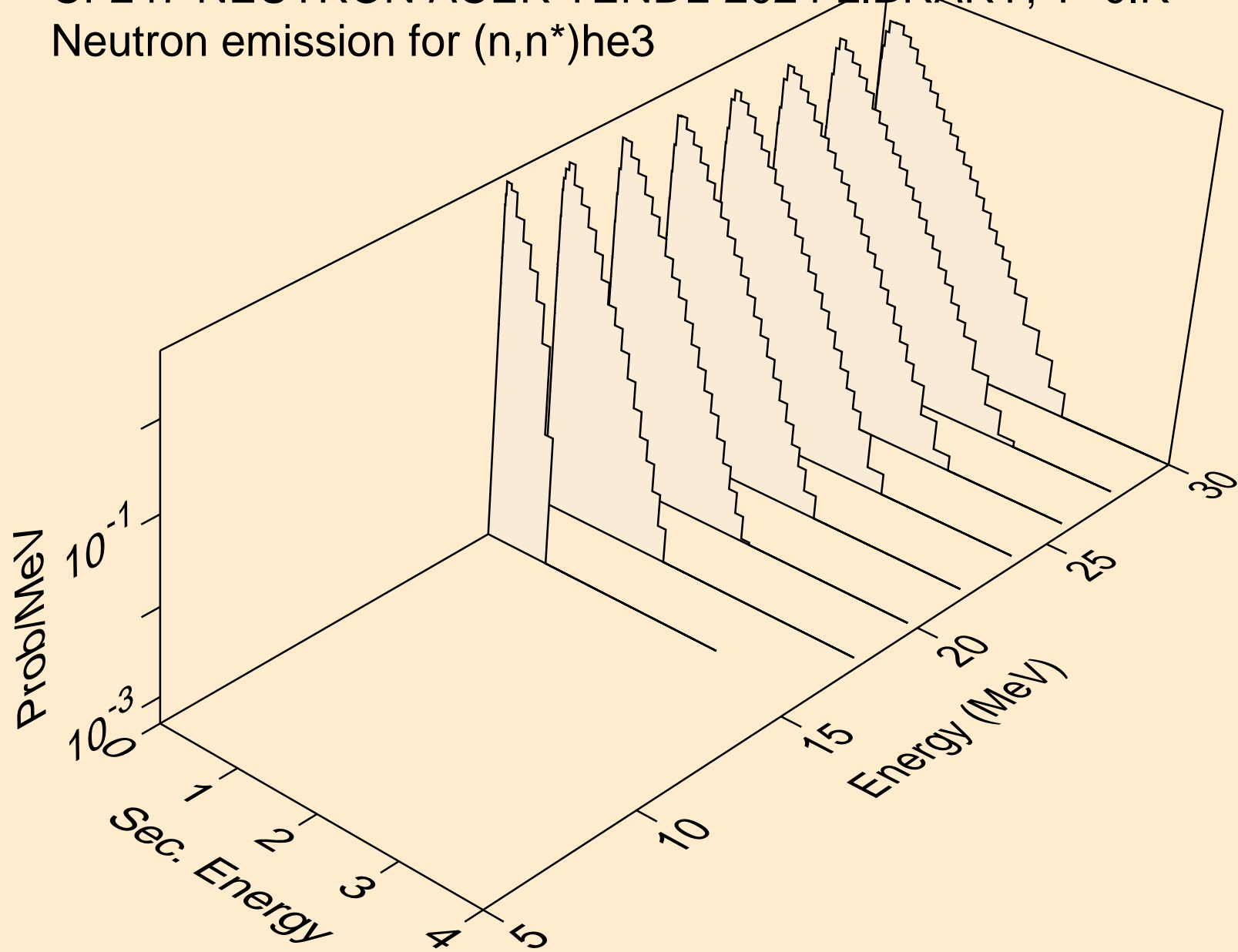
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



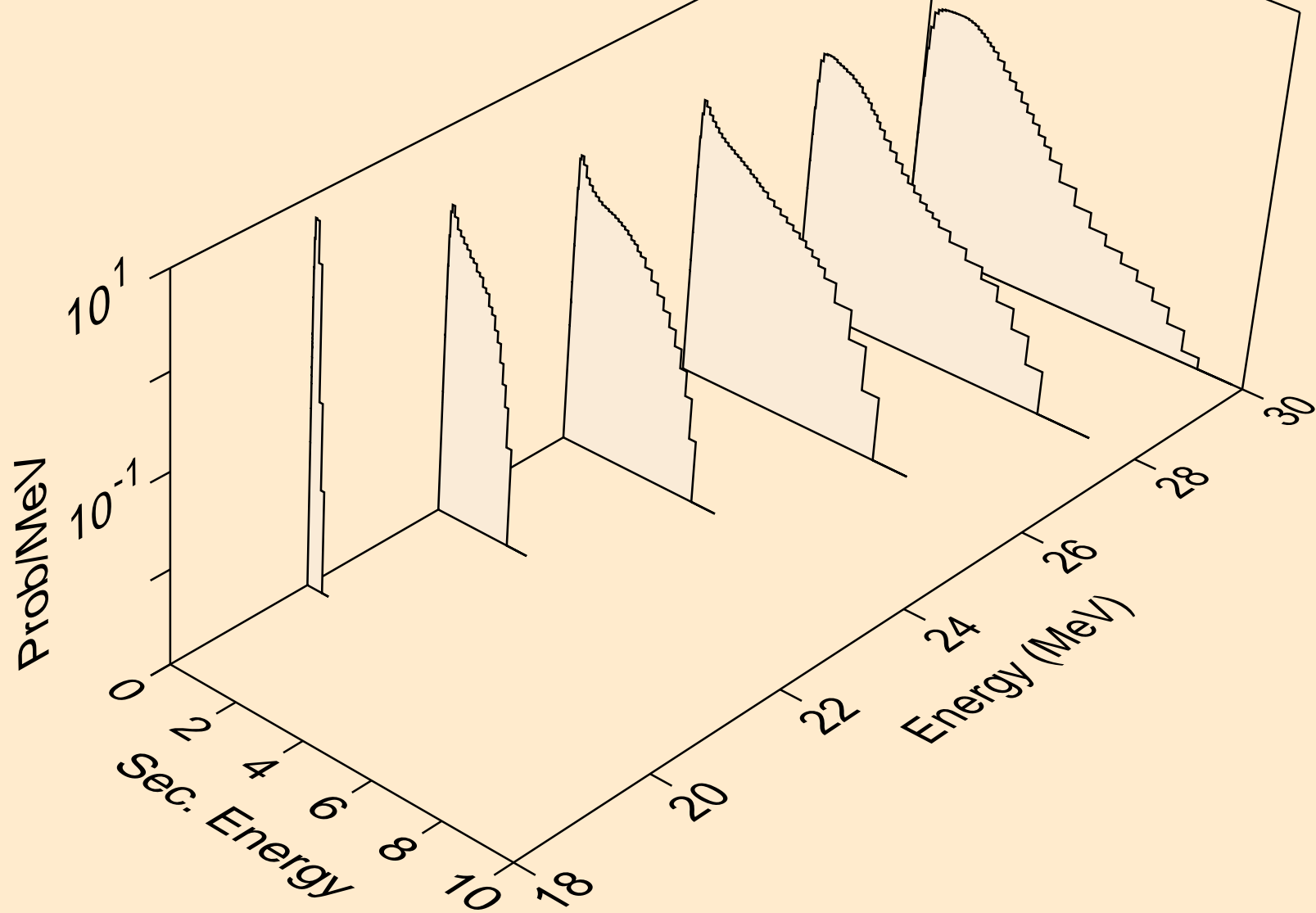
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



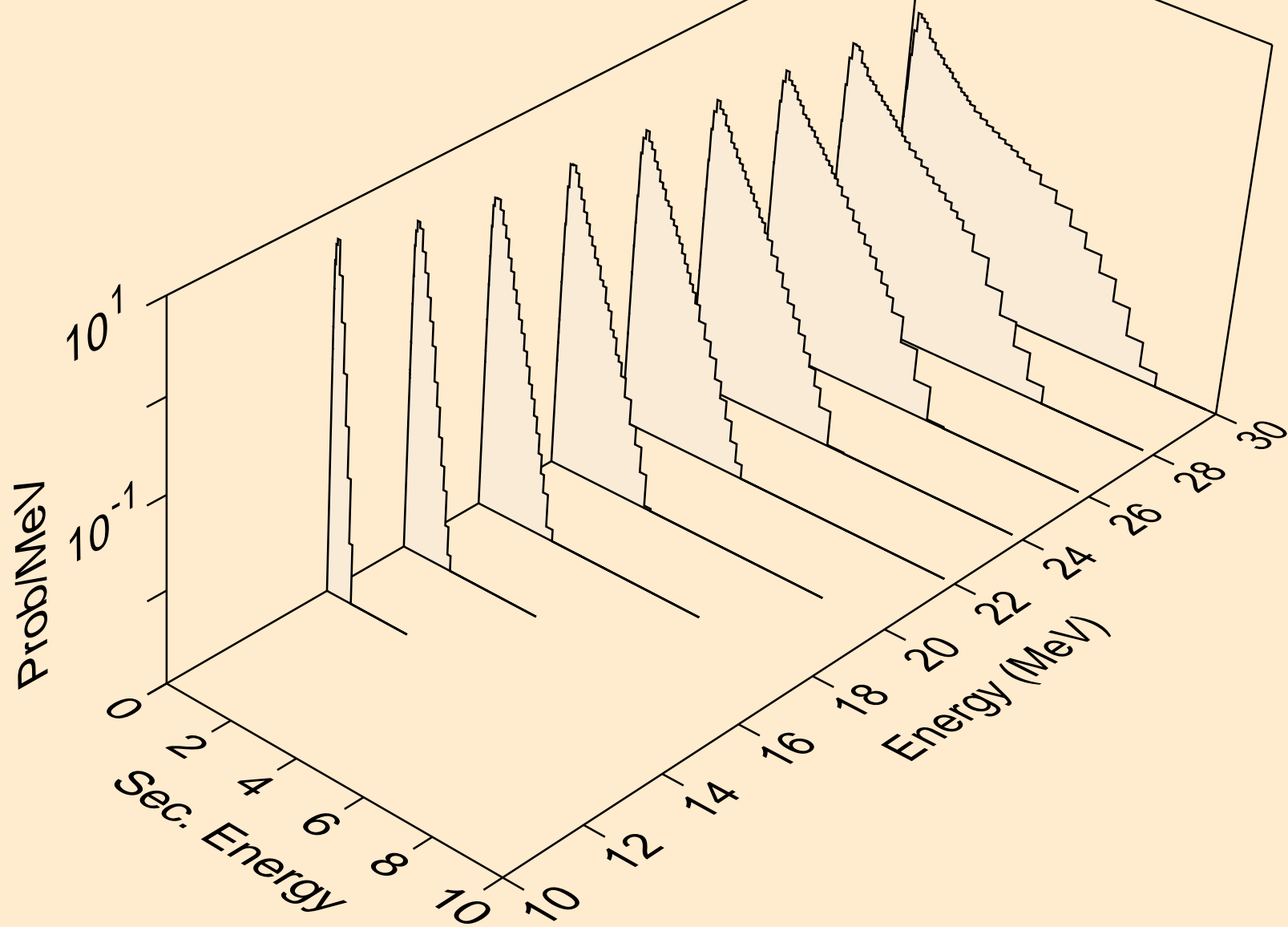
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



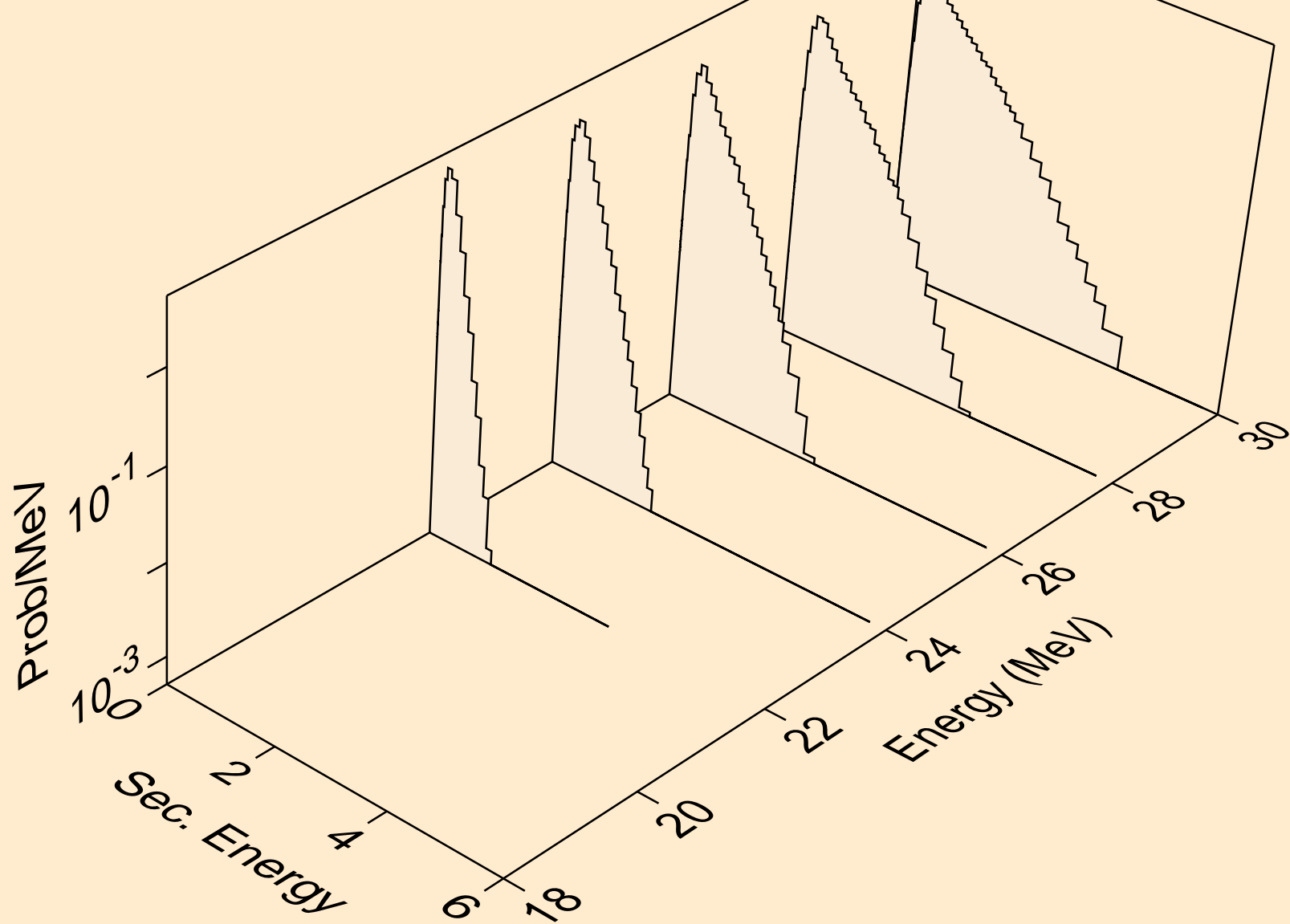
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



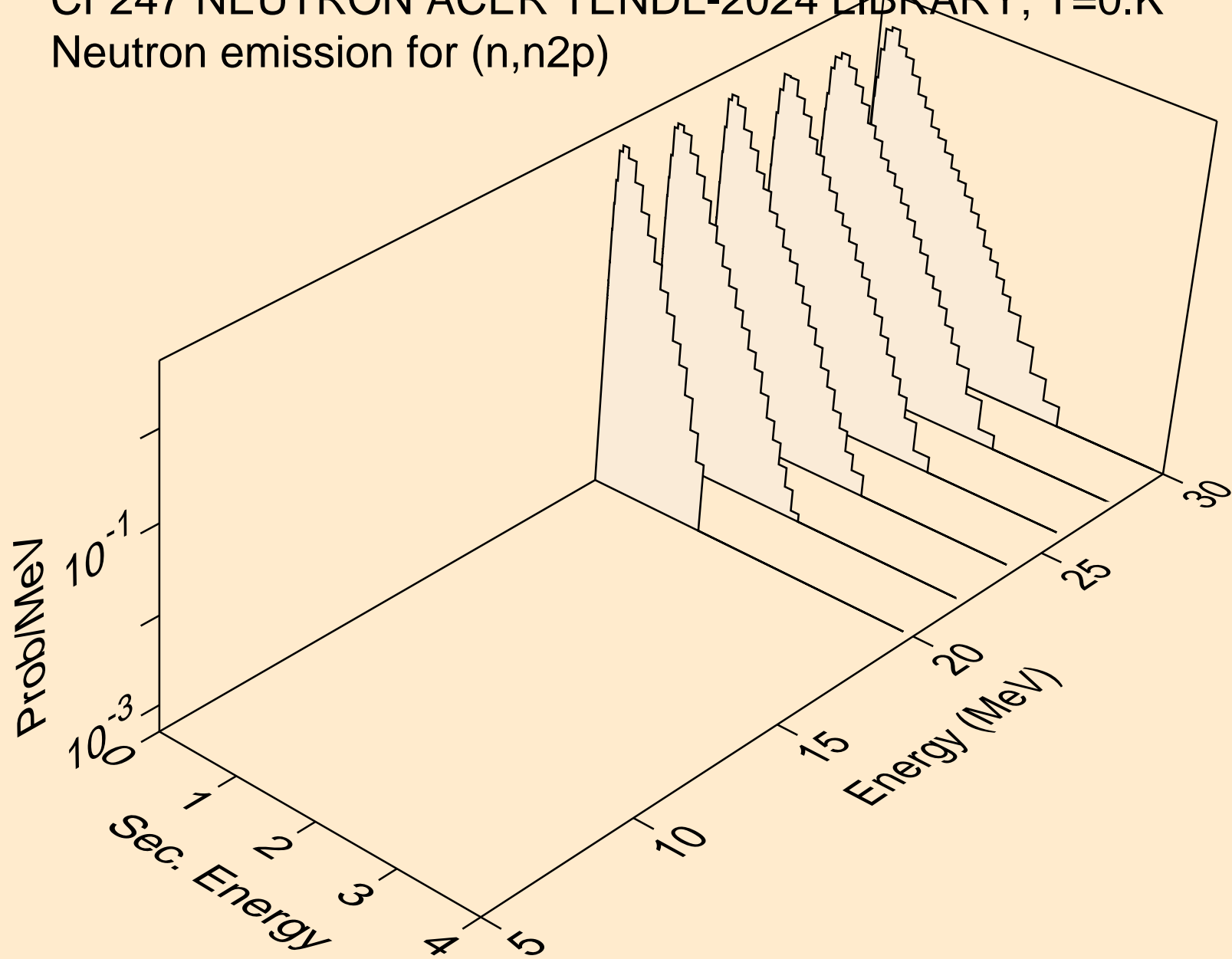
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



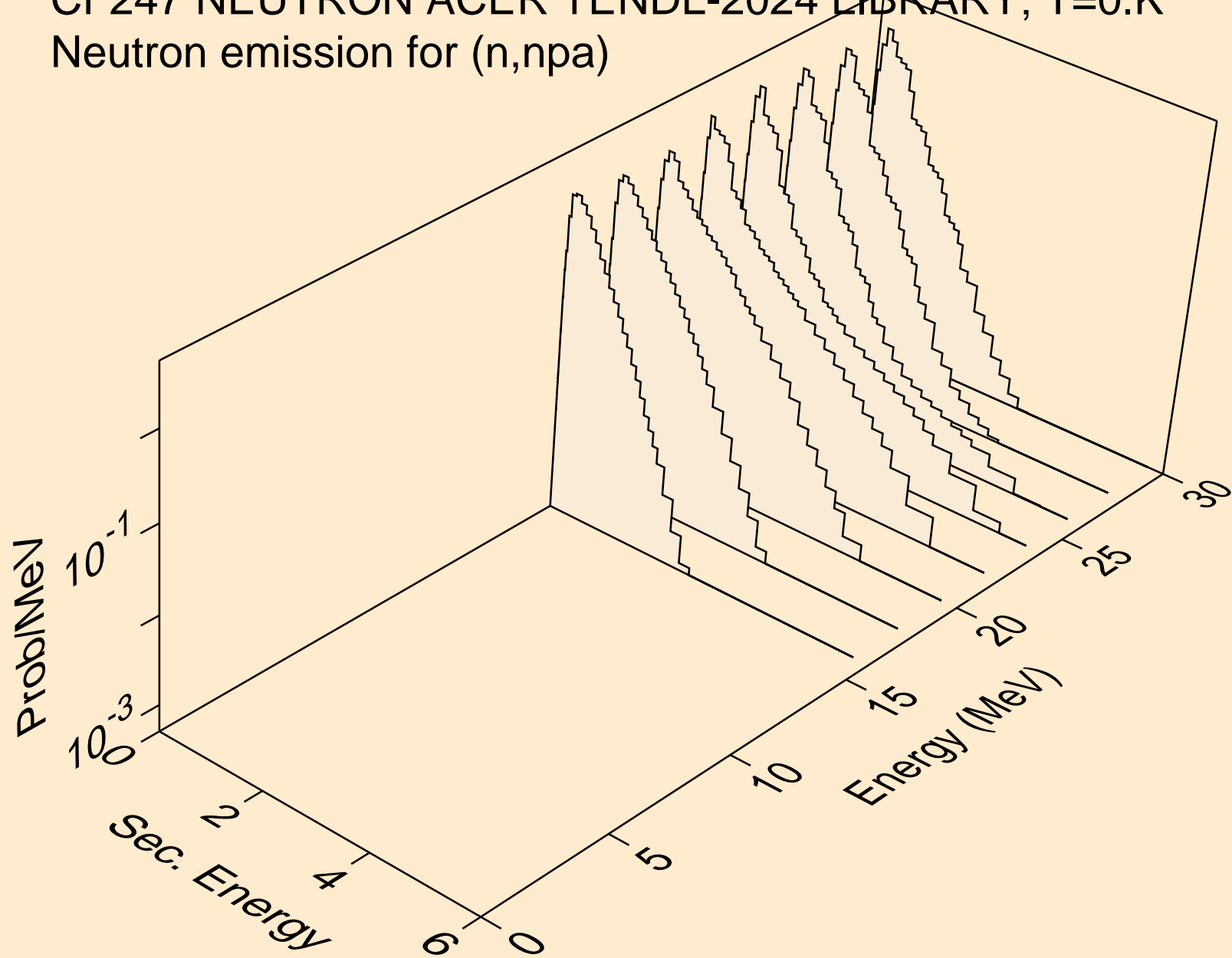
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

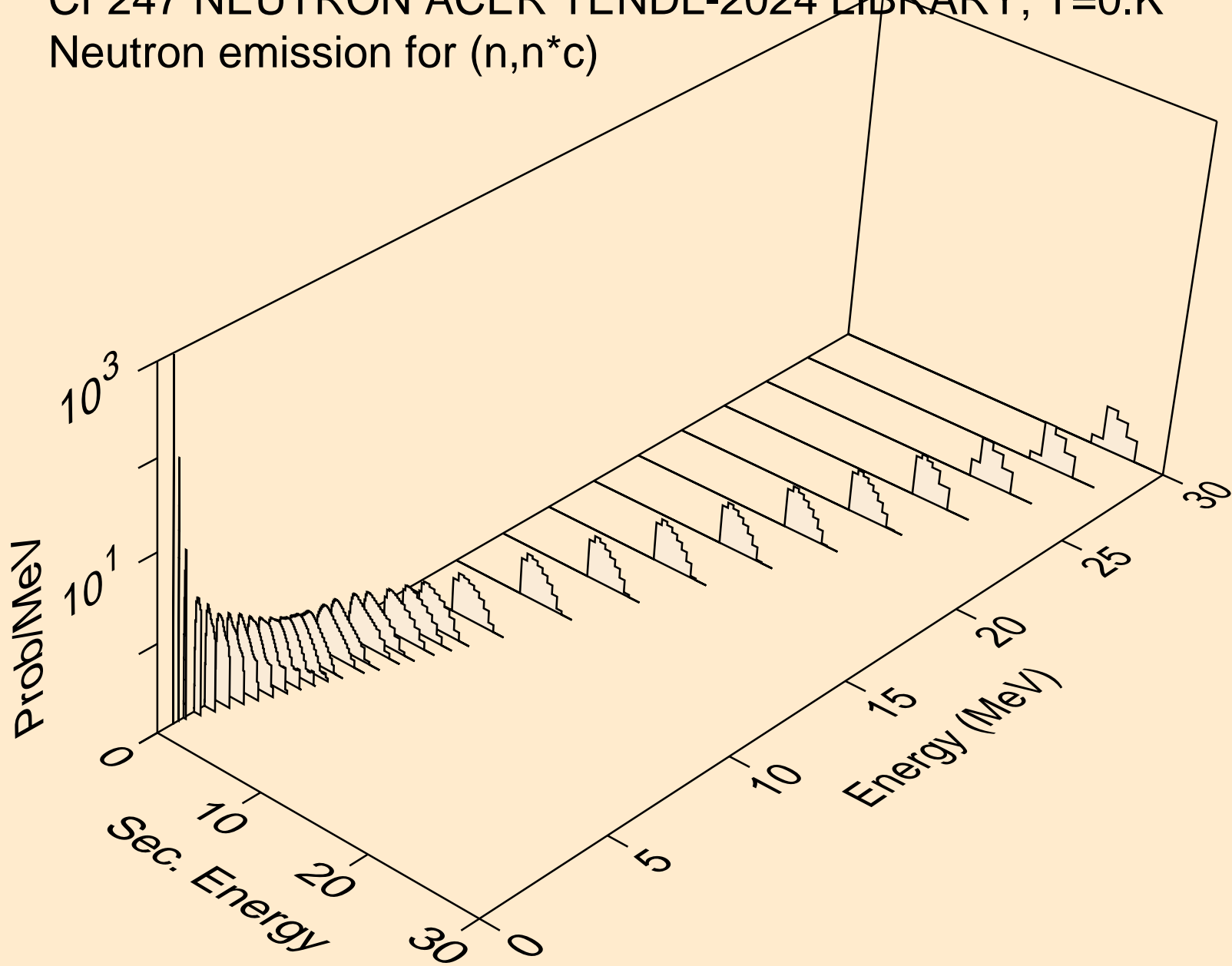


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



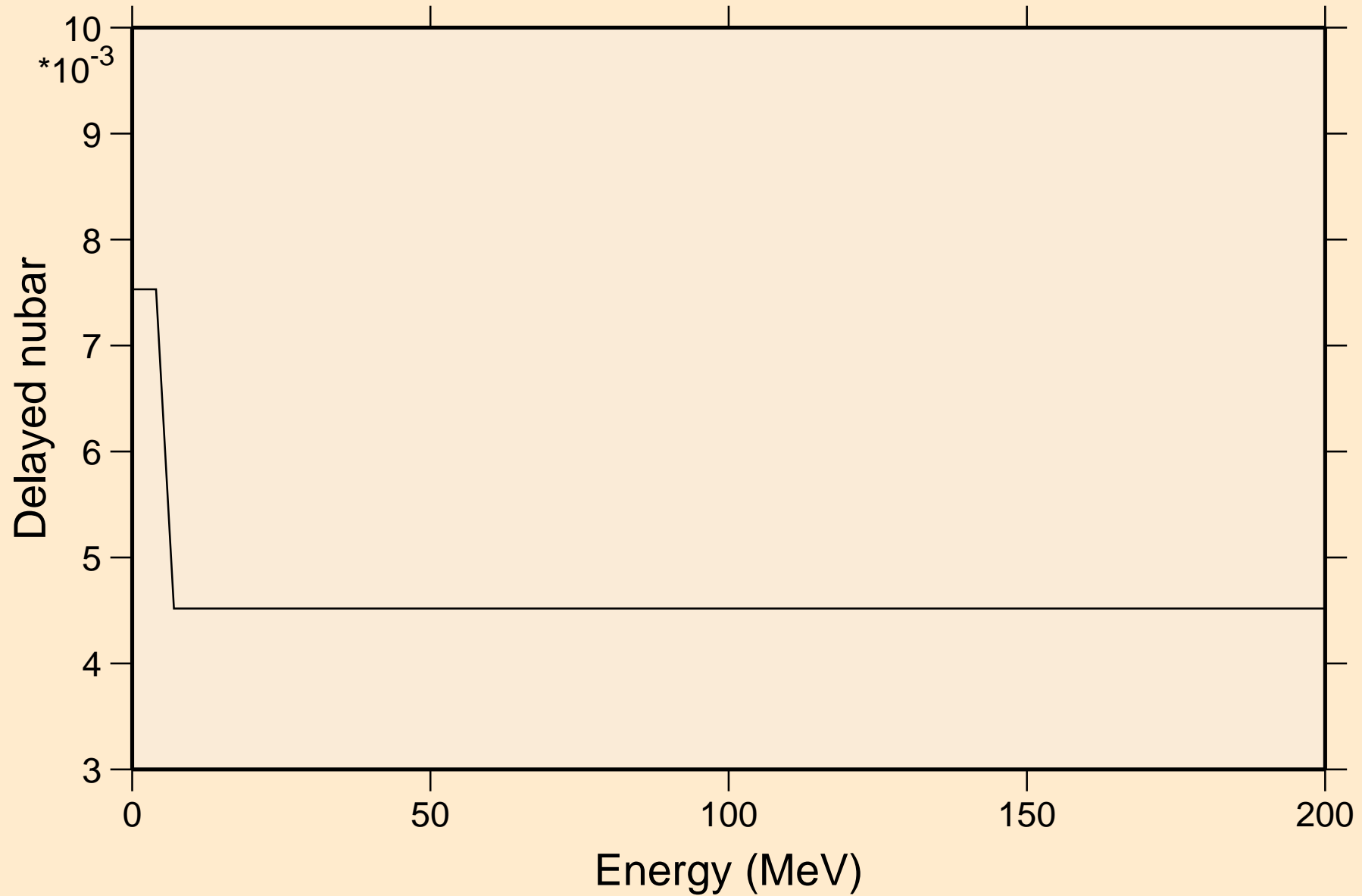


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



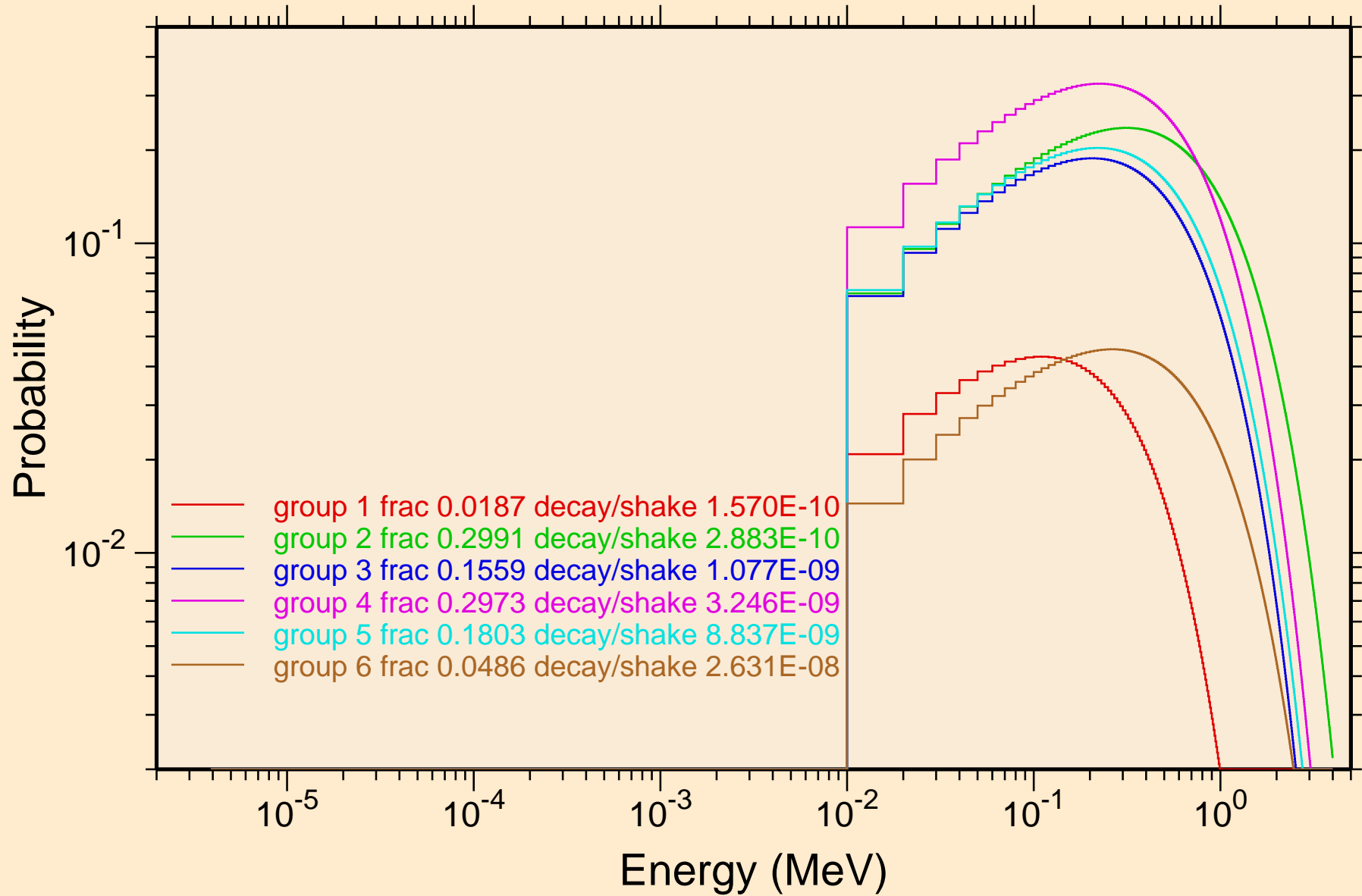
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar

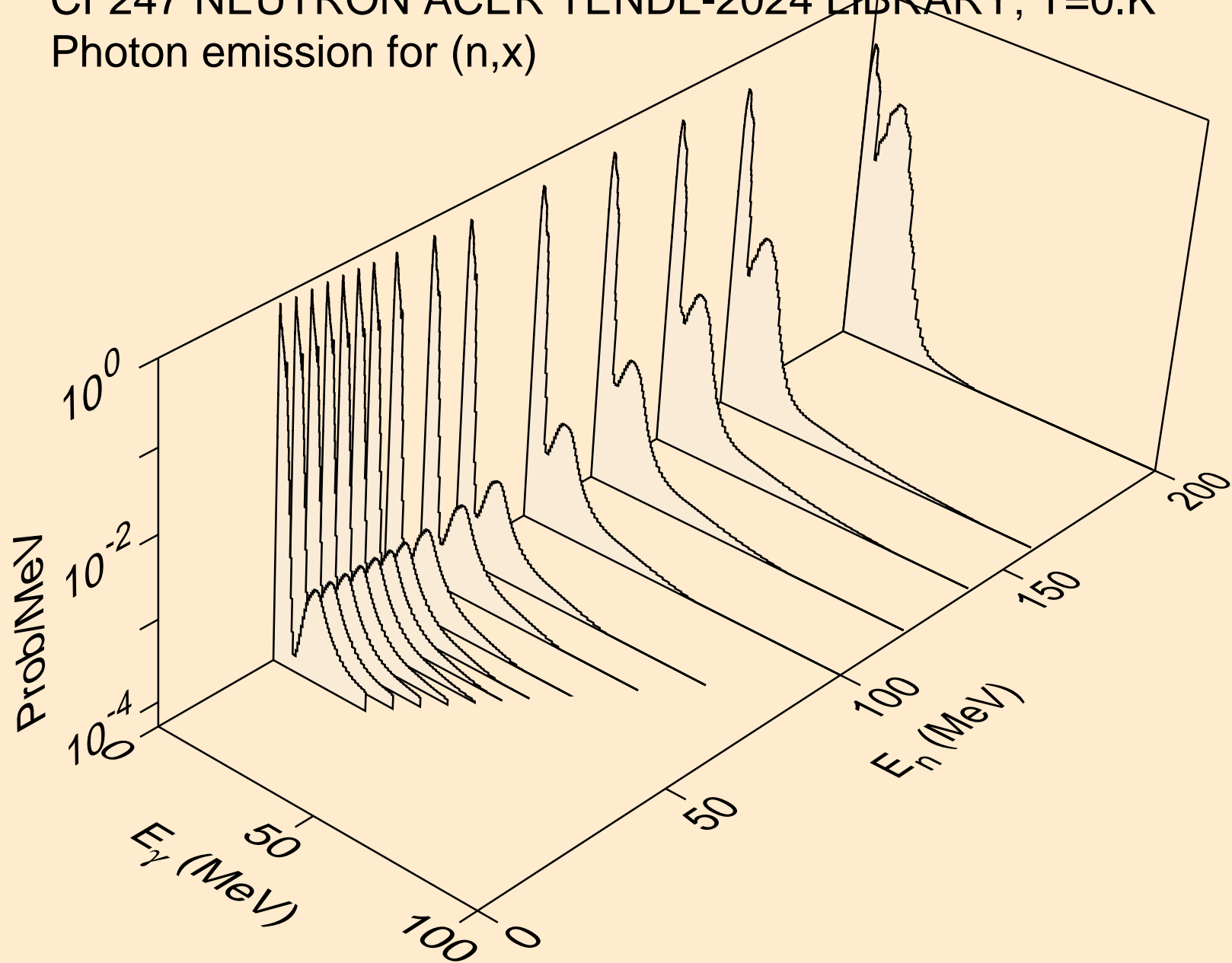


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

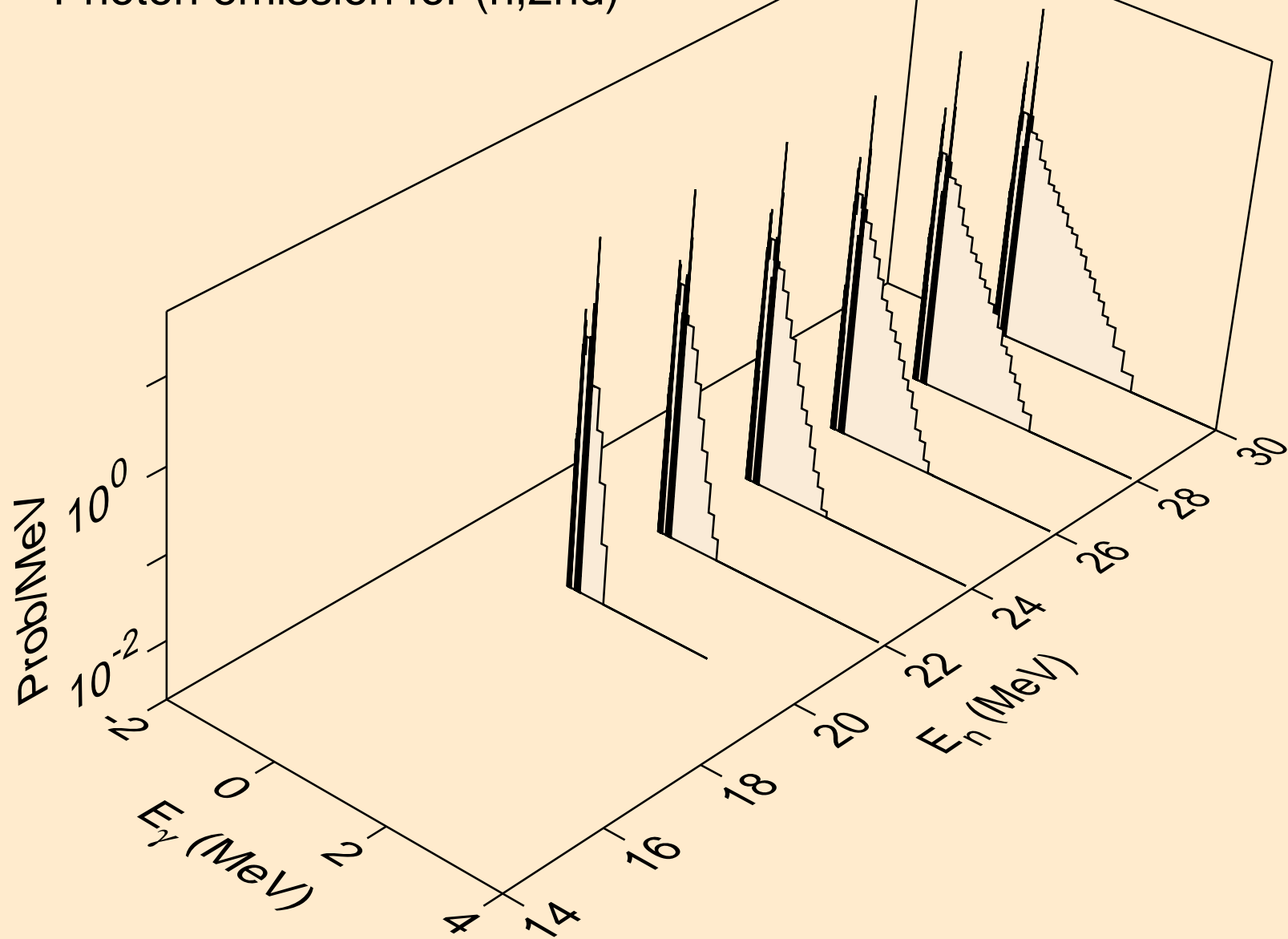
## Delayed neutron spectra



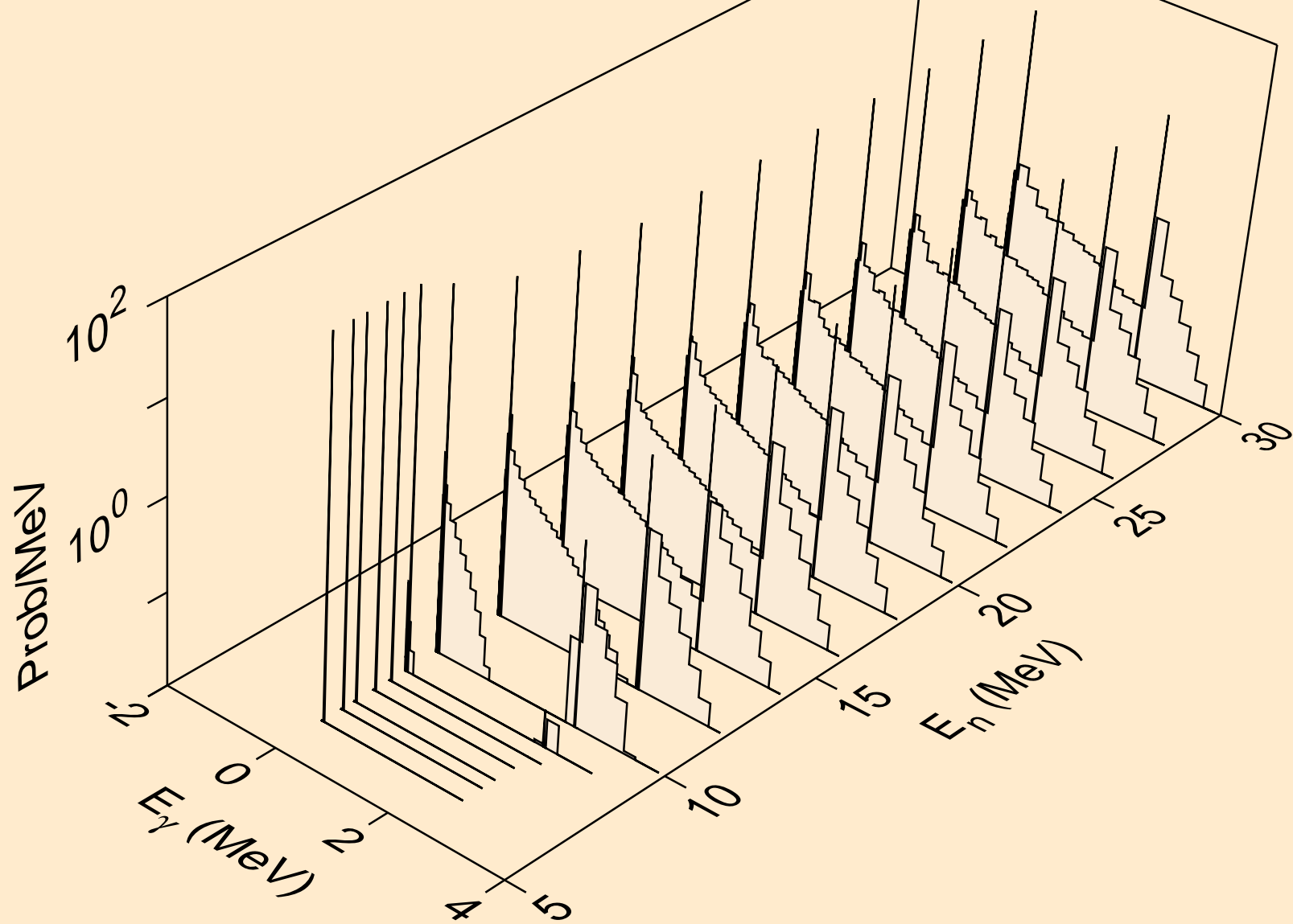
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



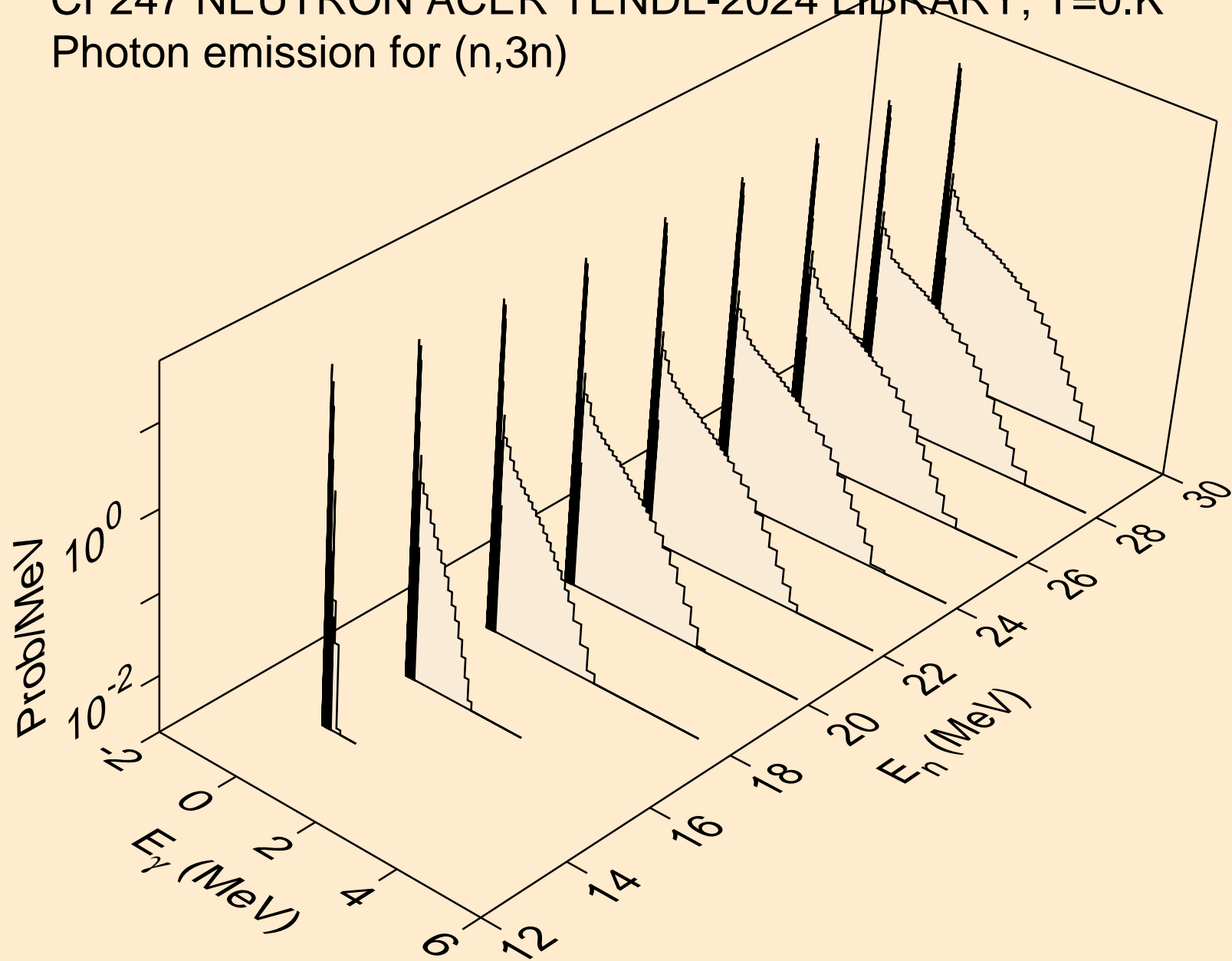
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



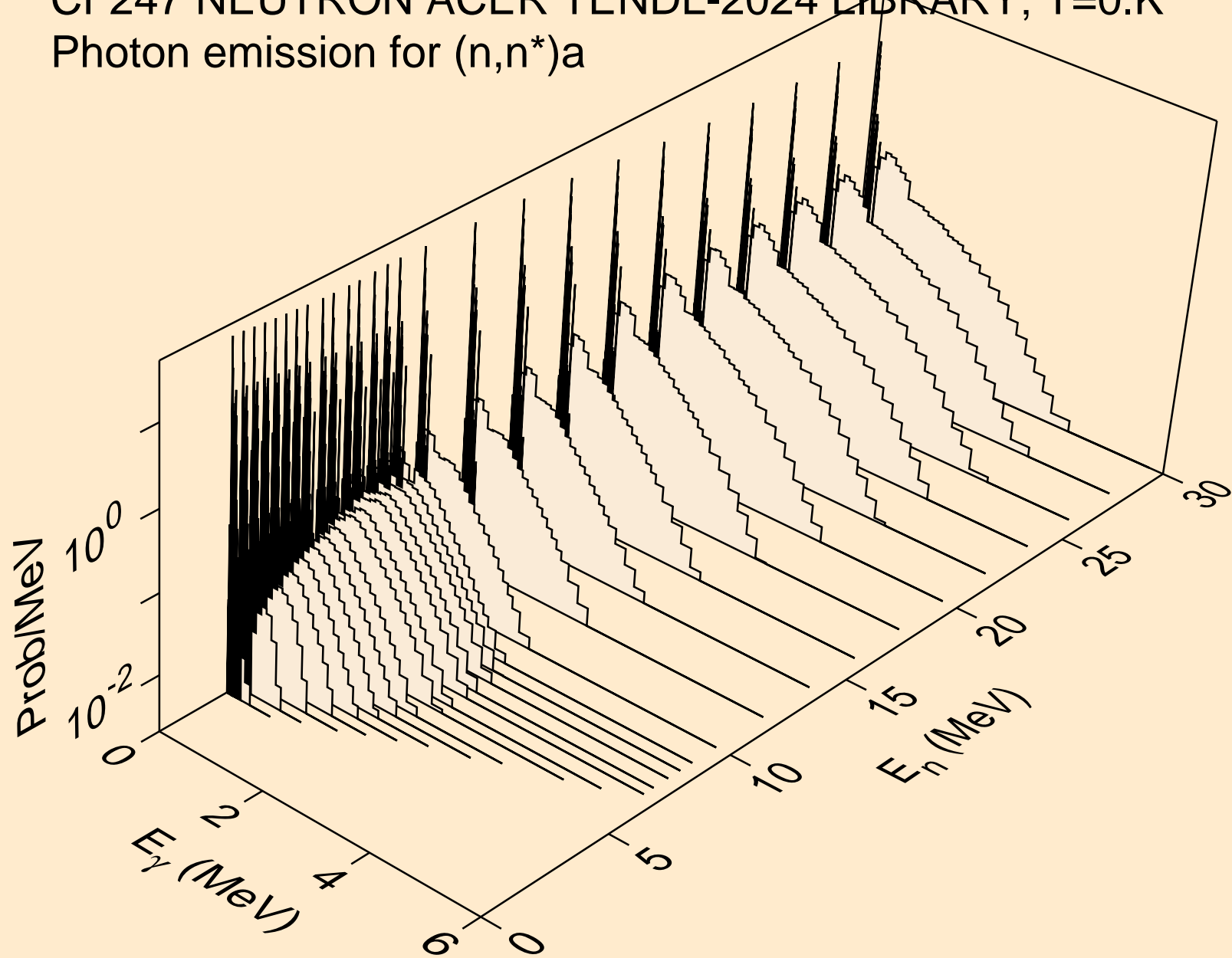
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

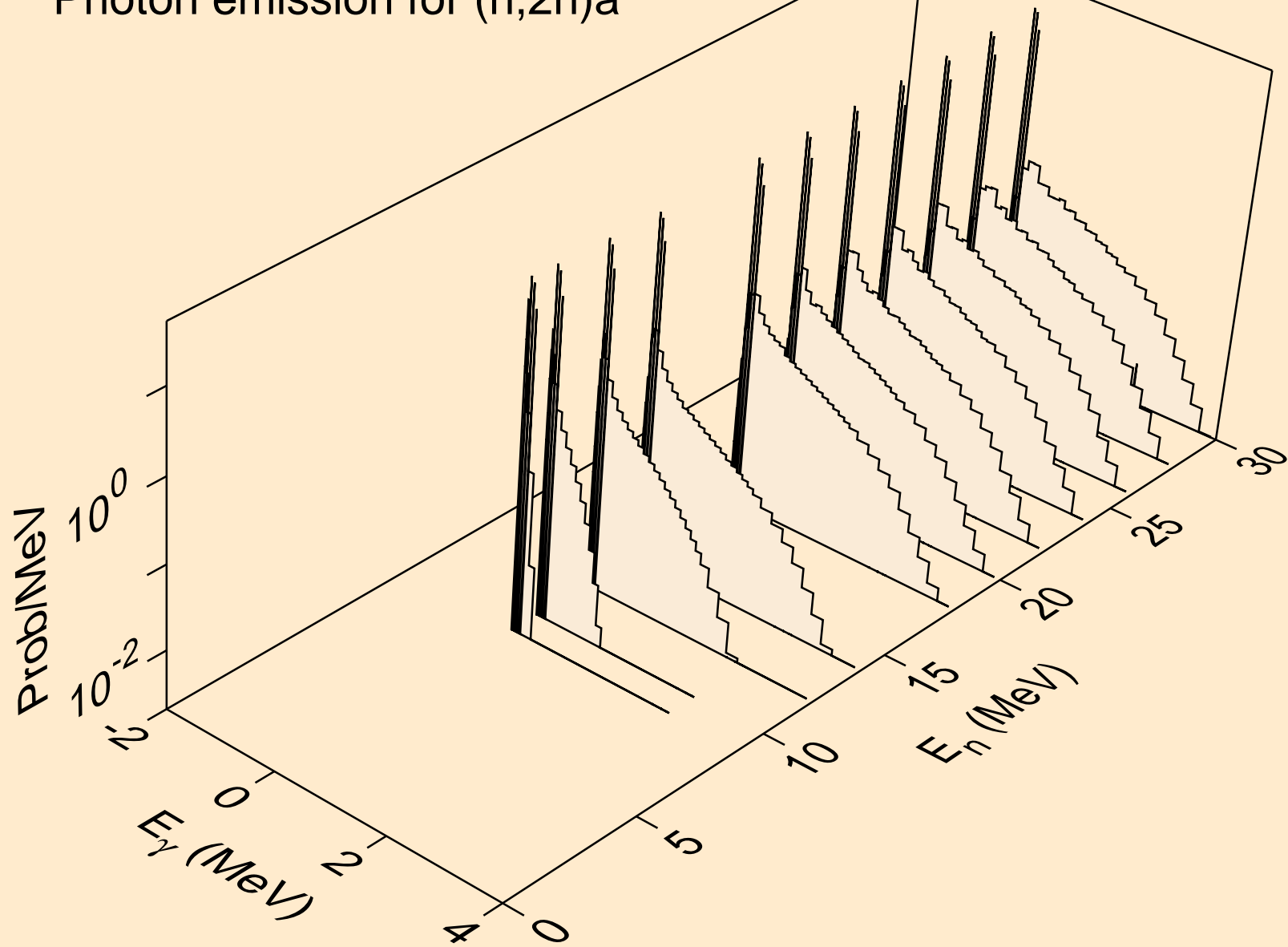


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

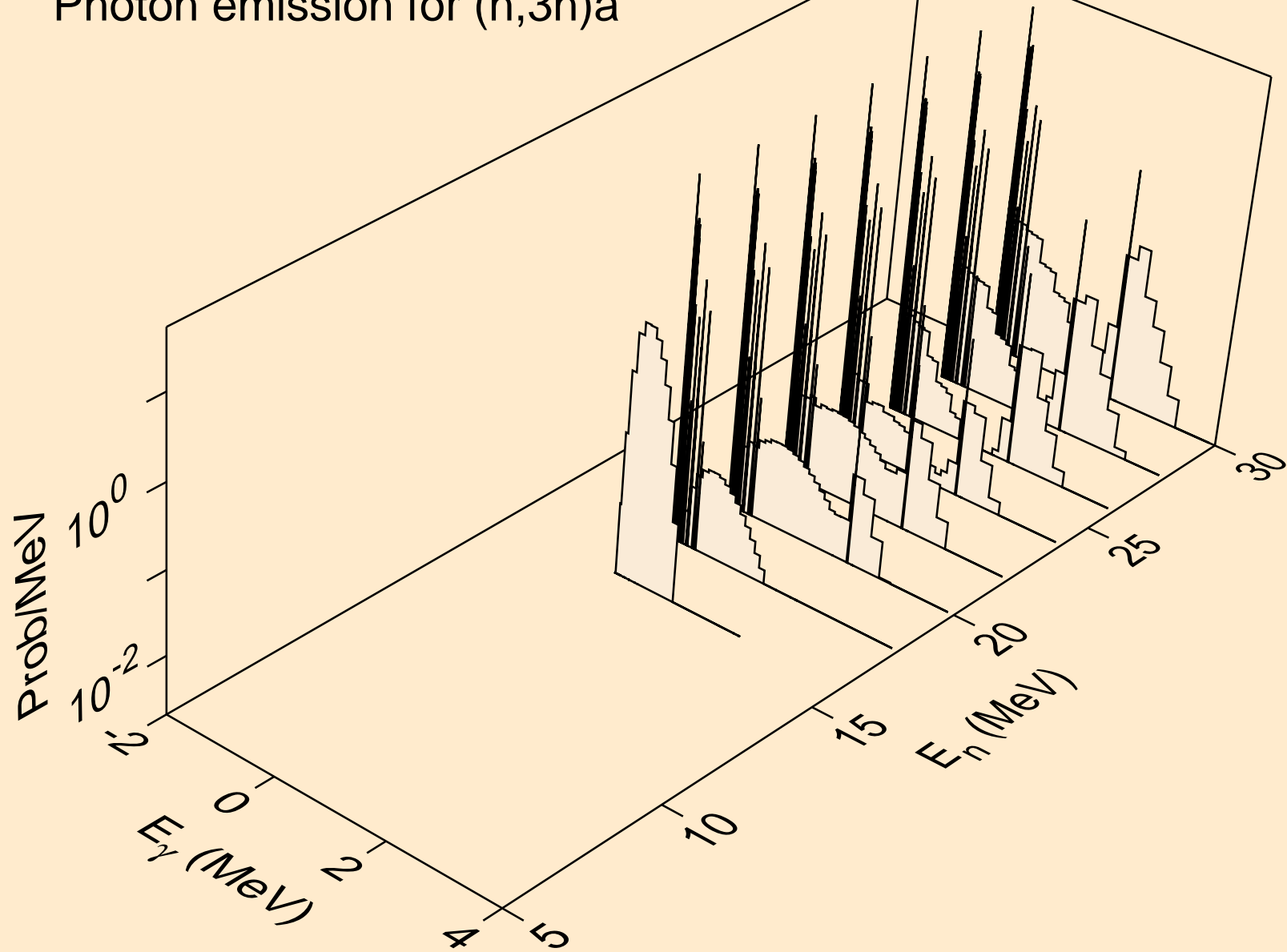




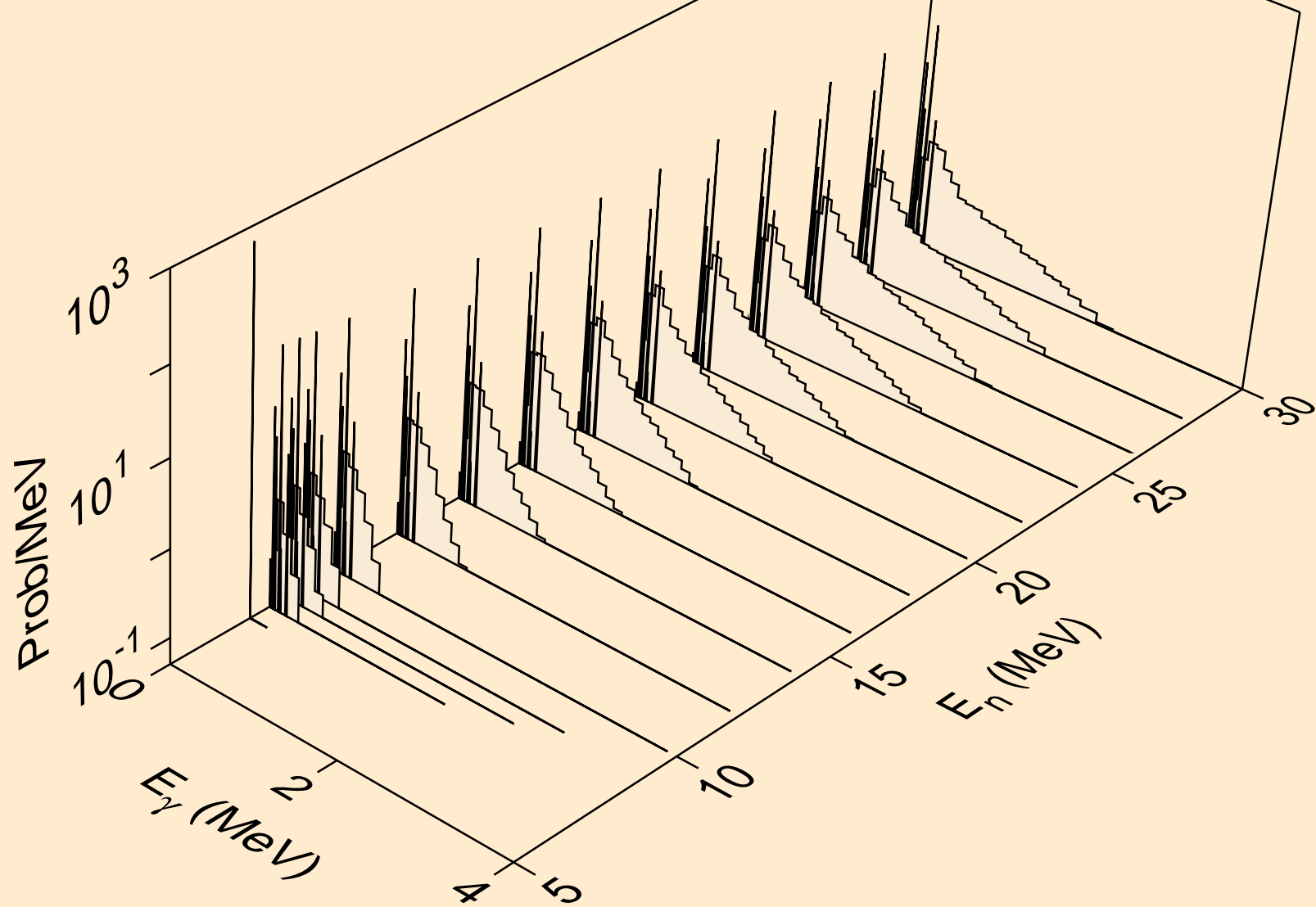
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



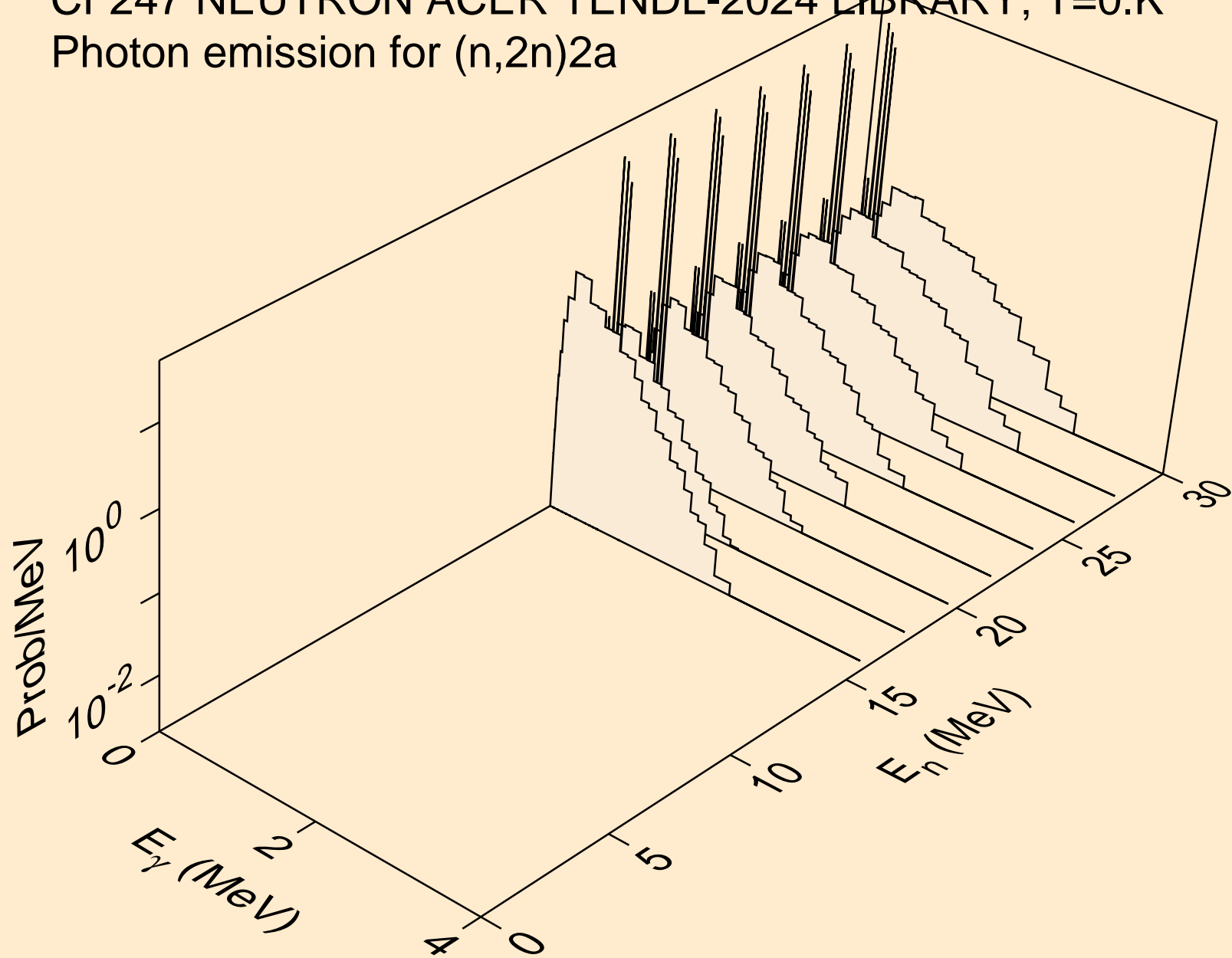
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



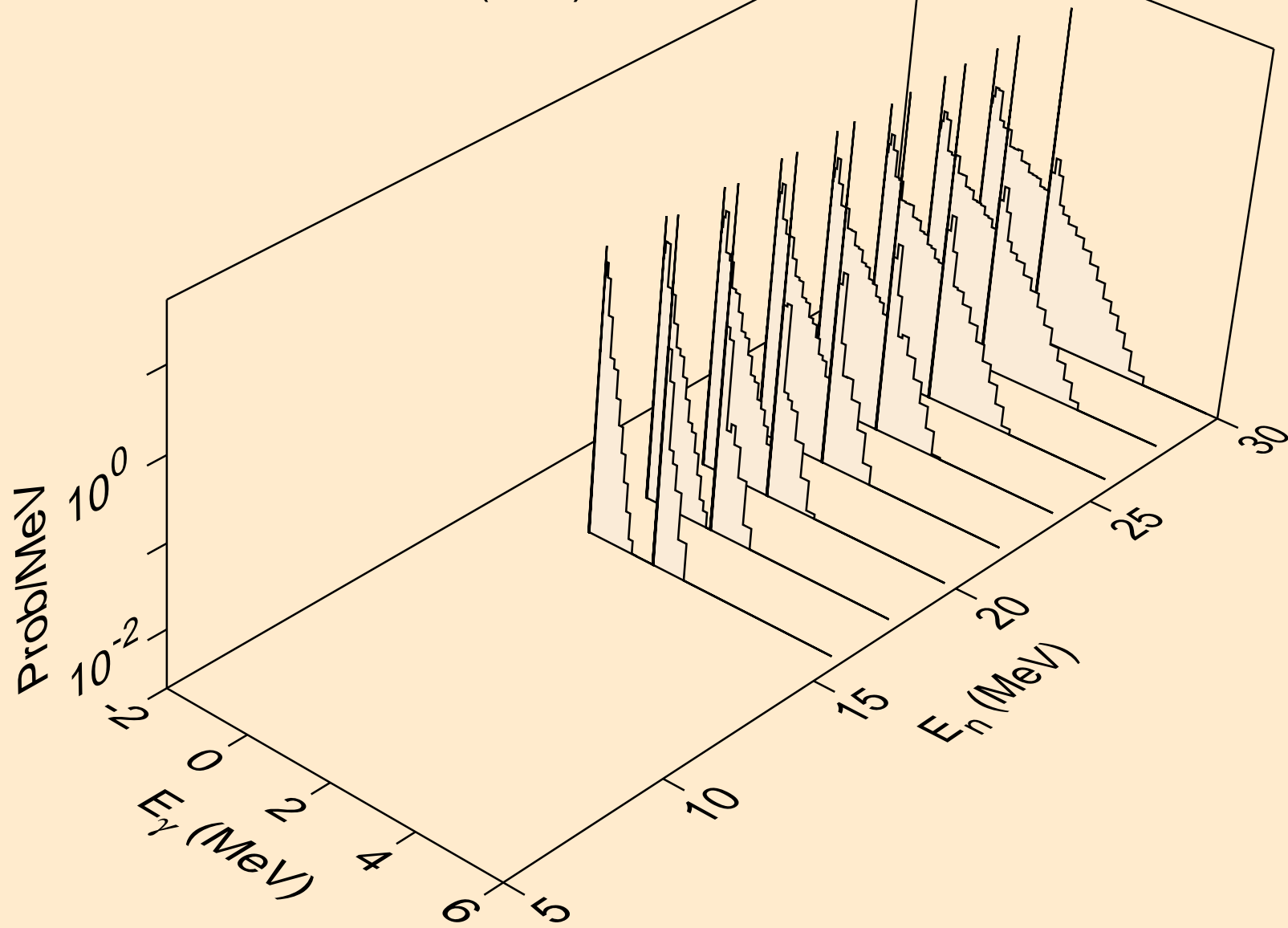
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



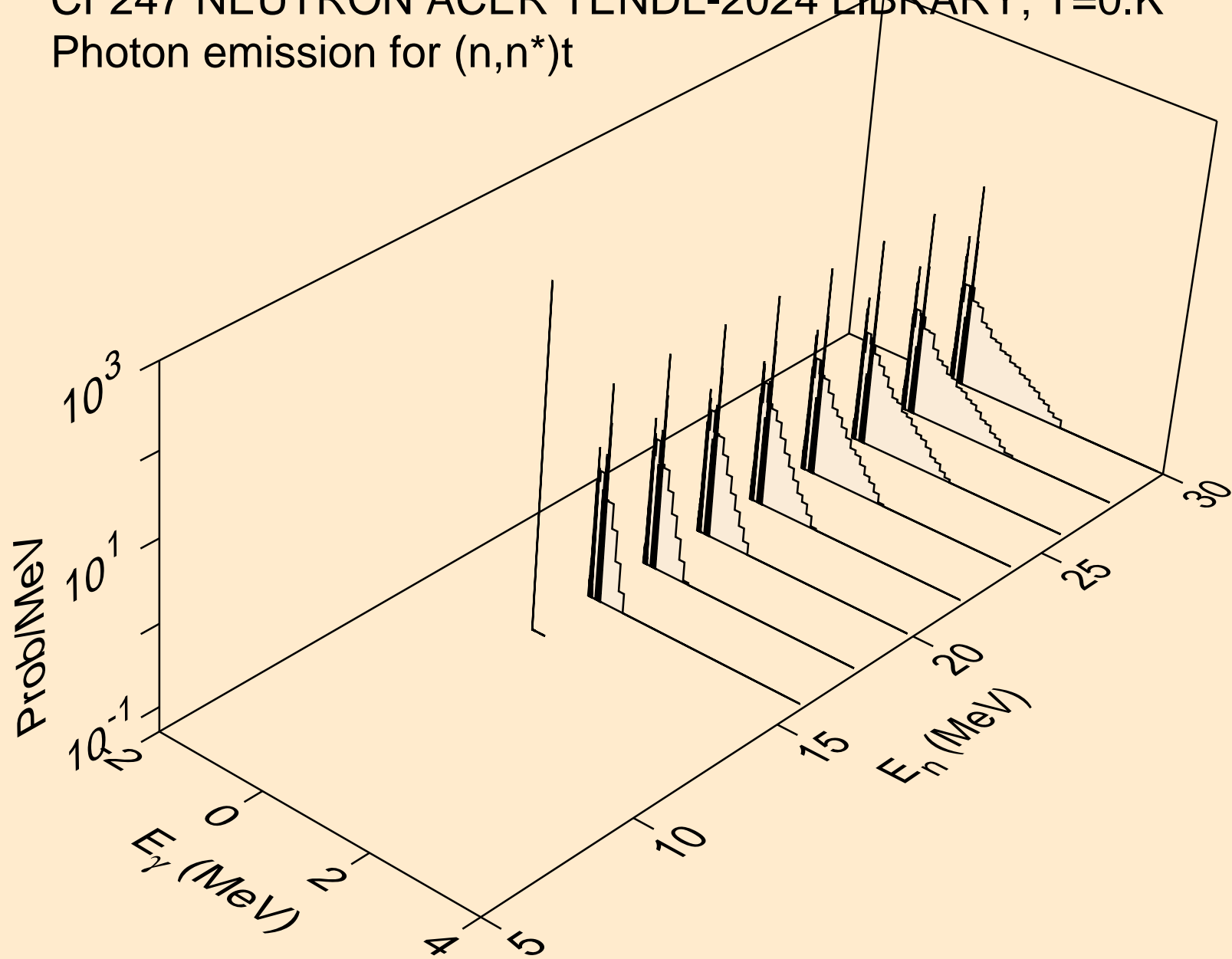
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



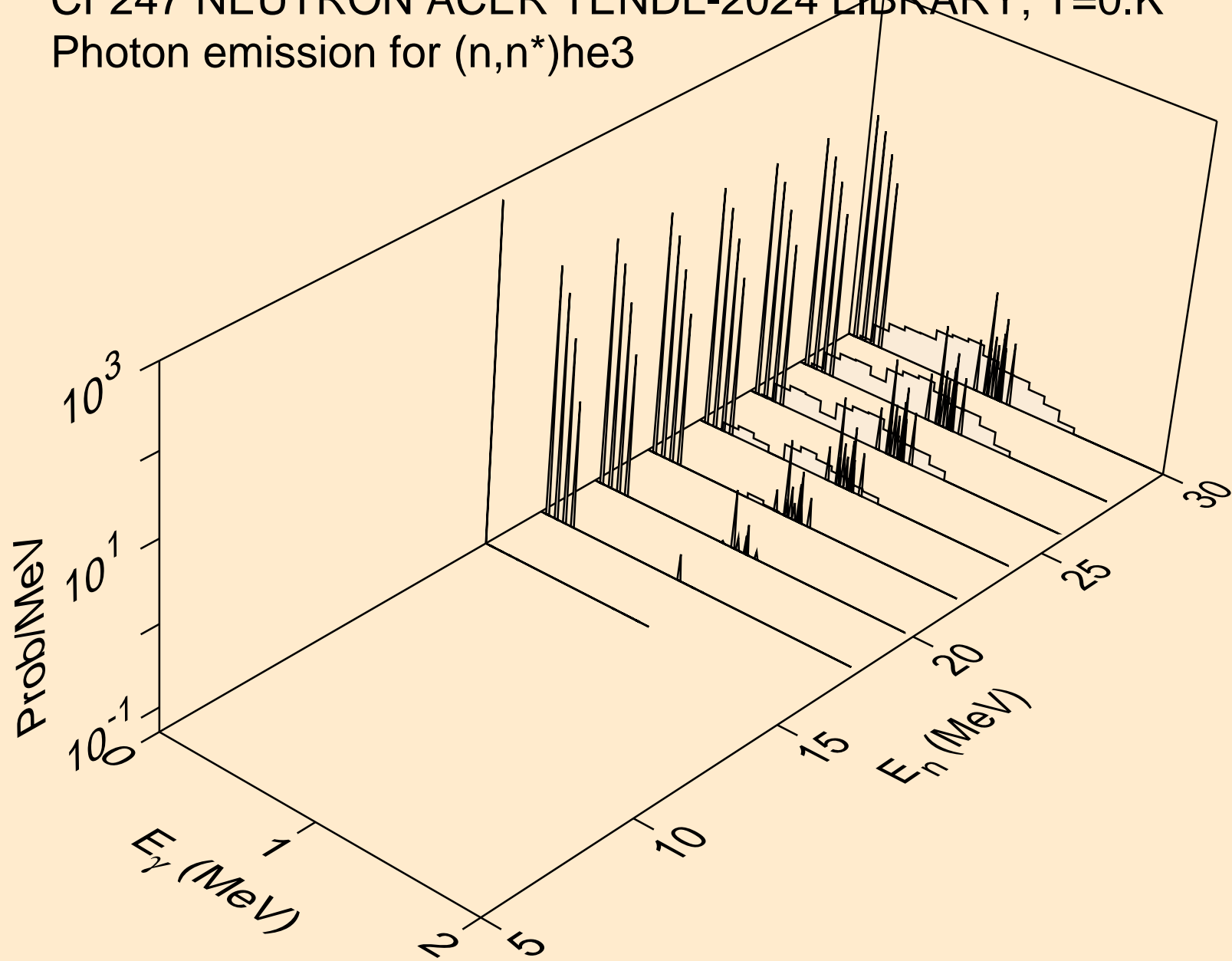
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



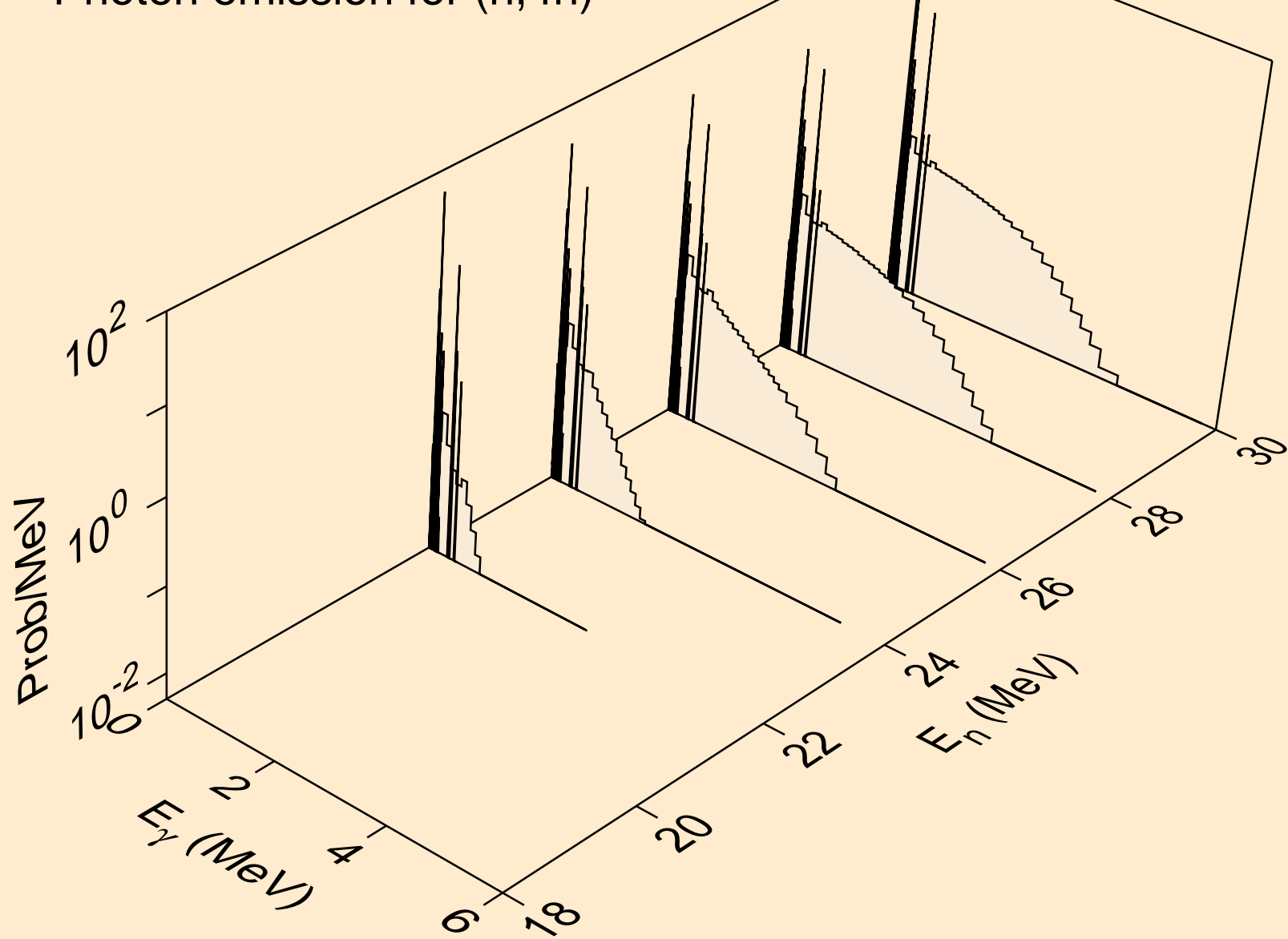
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

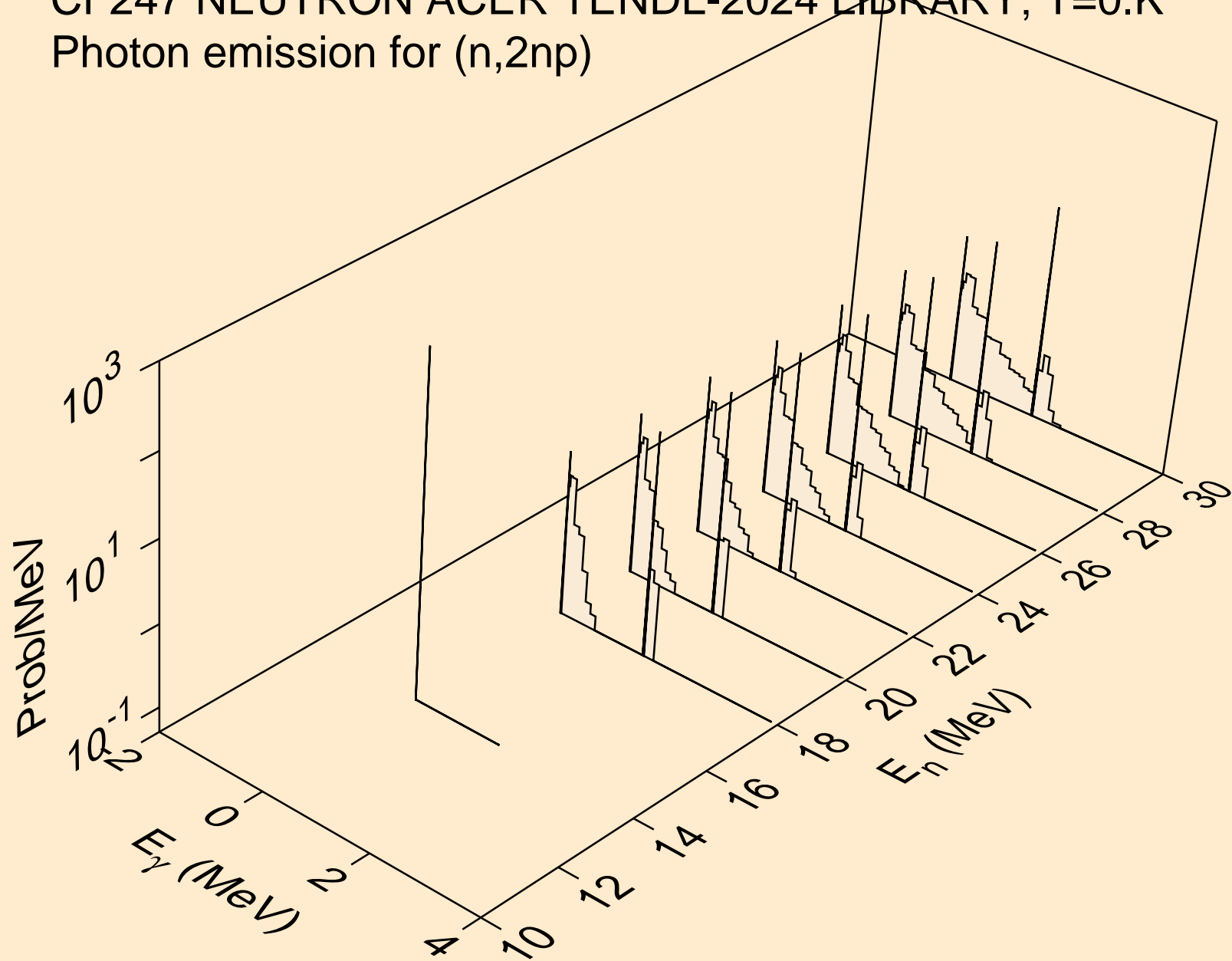


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

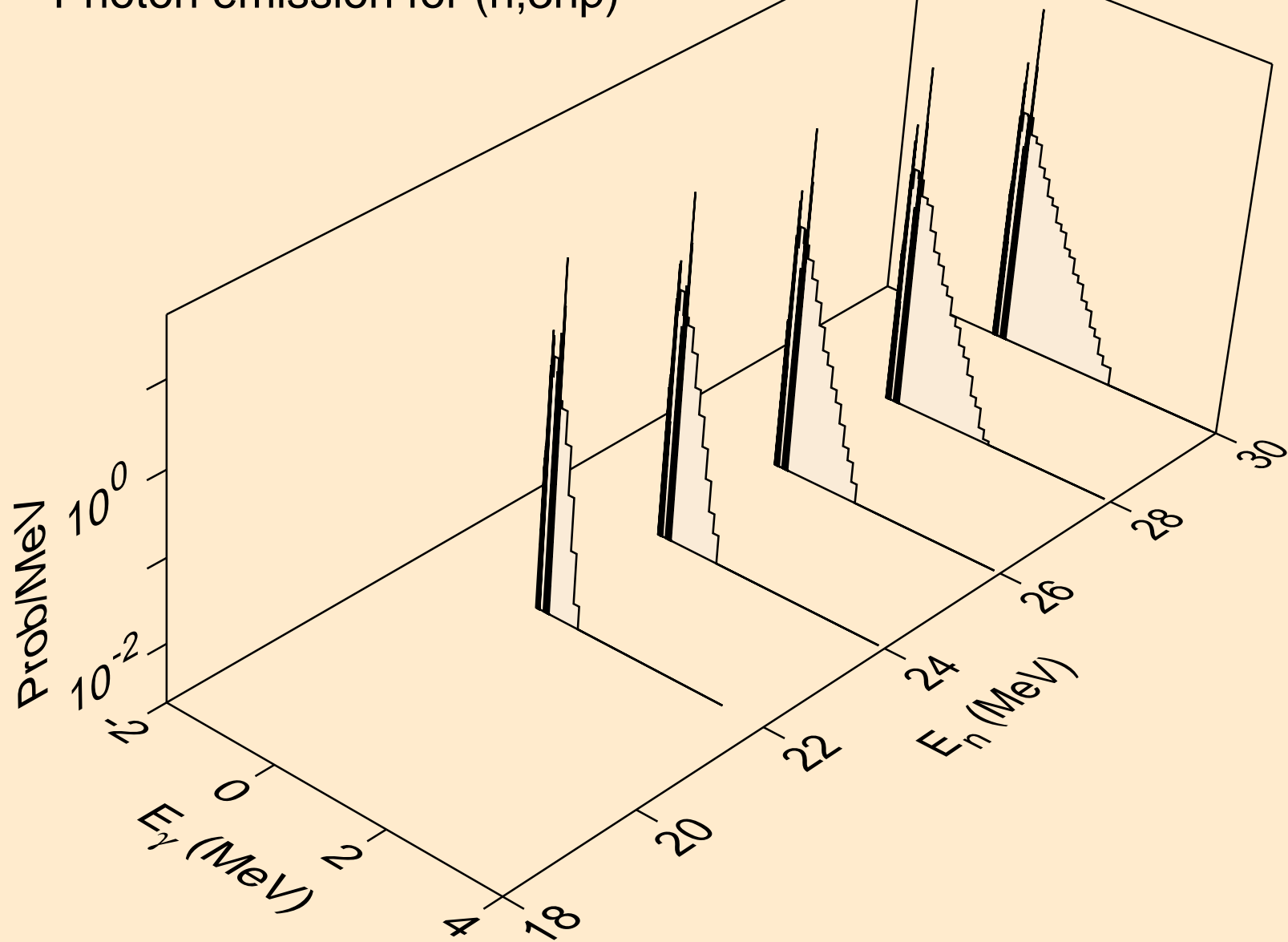




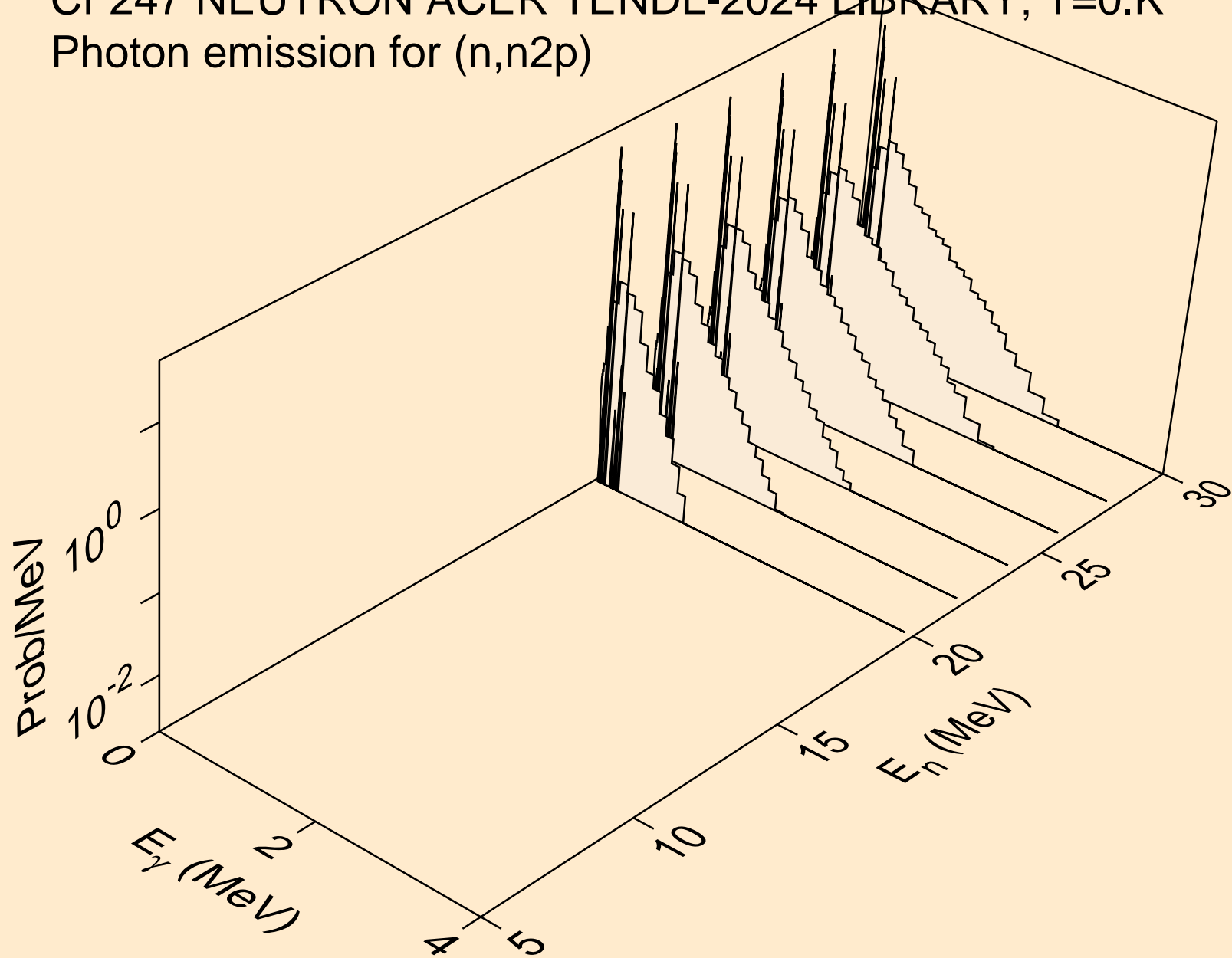
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



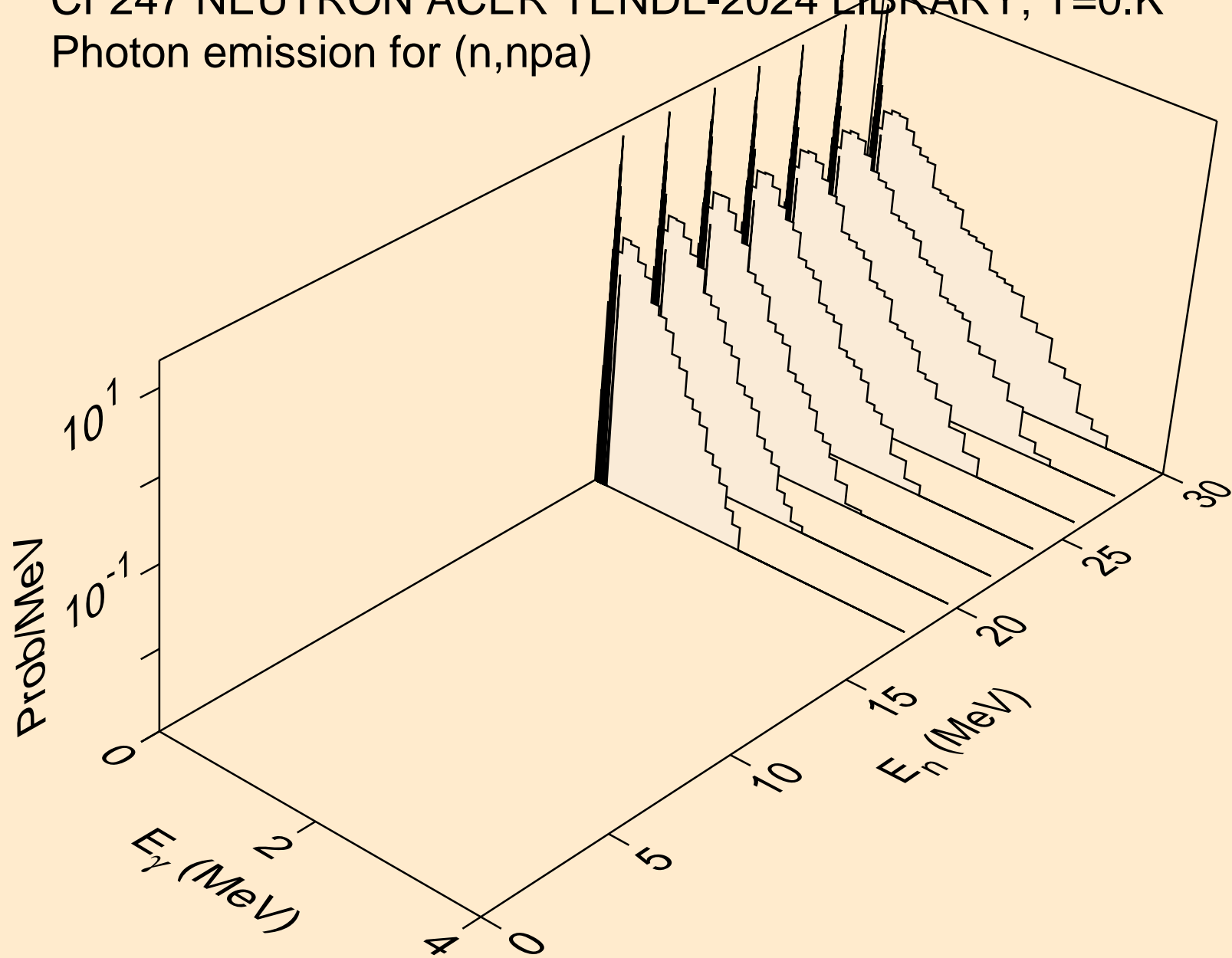
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



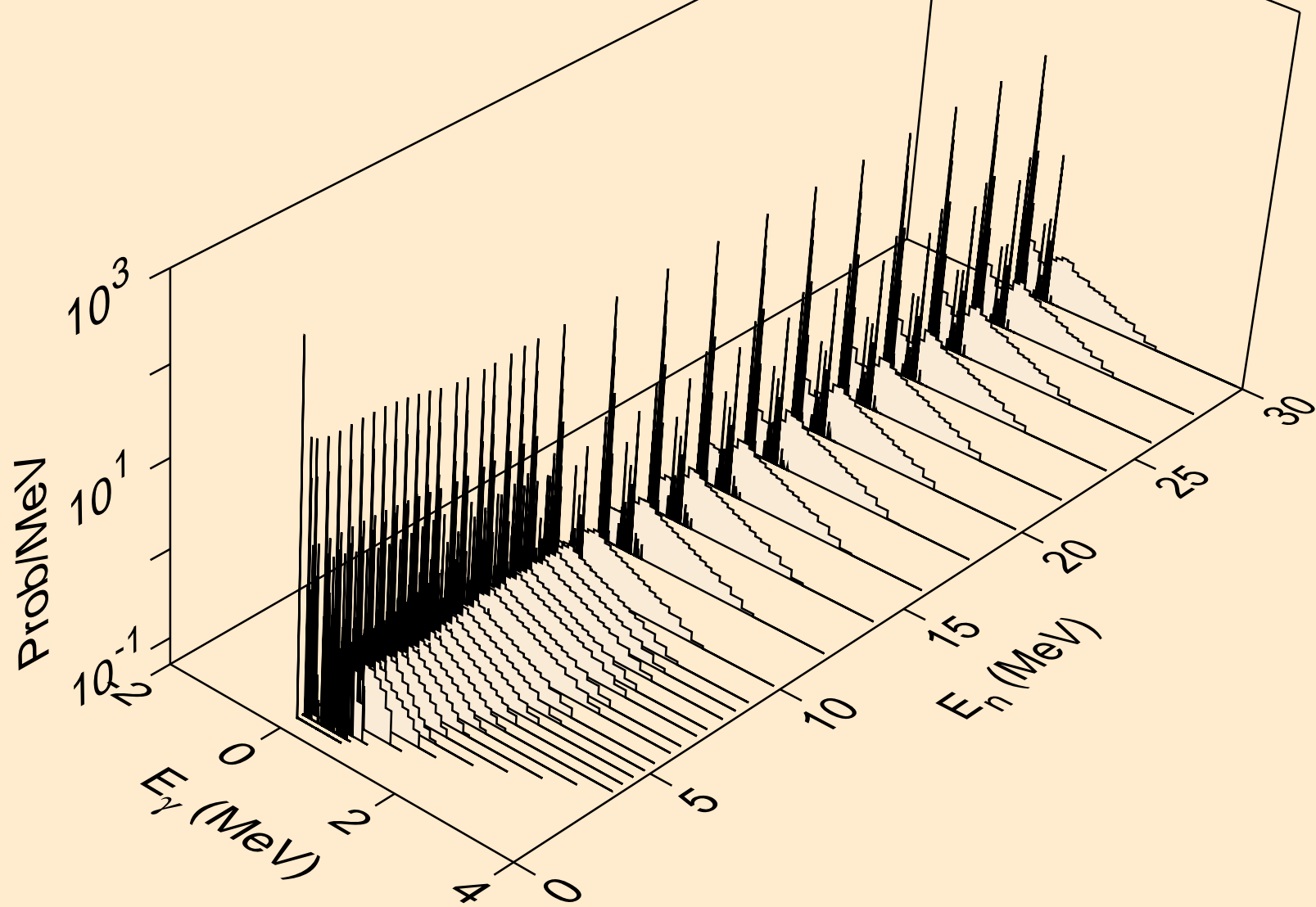
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



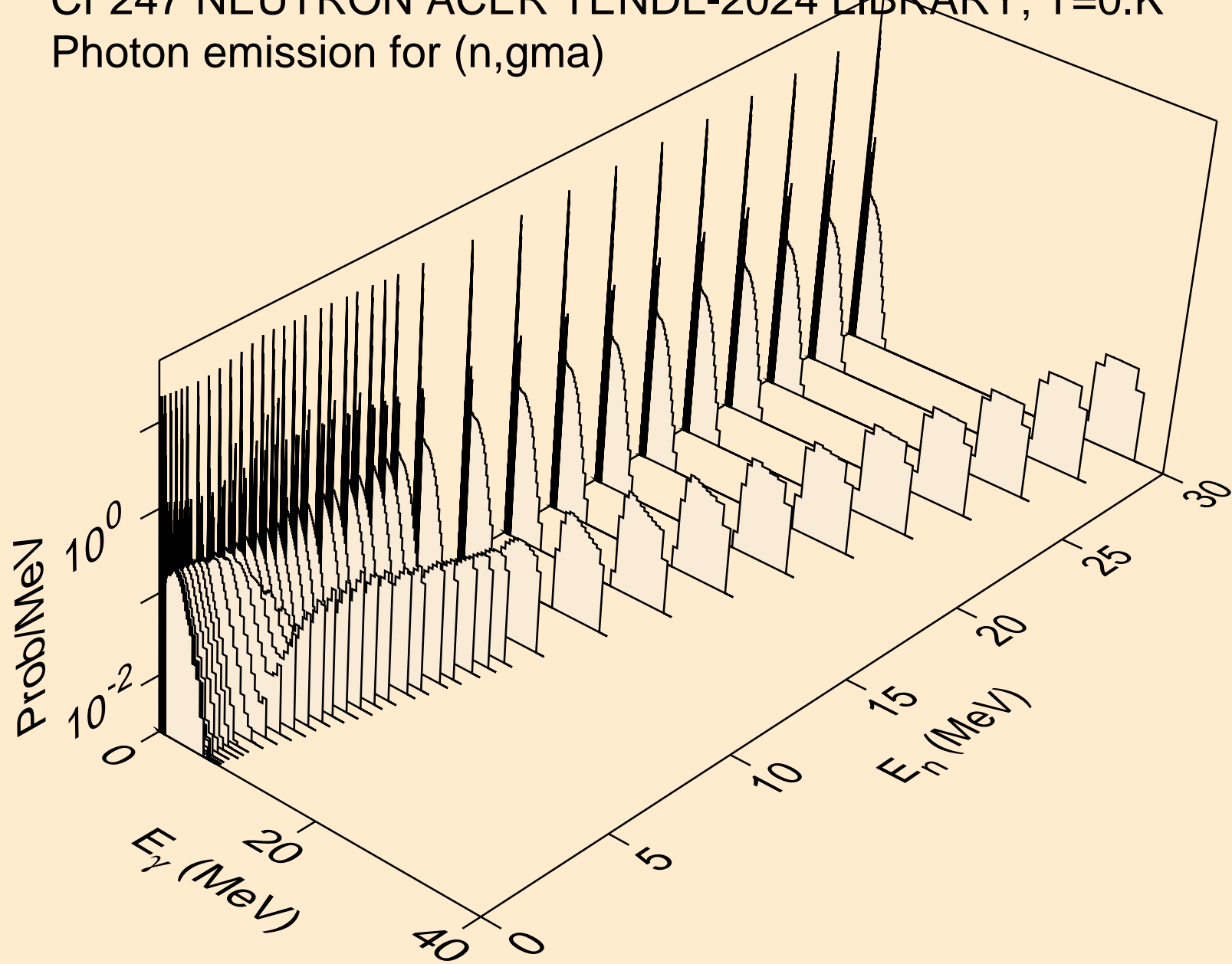
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



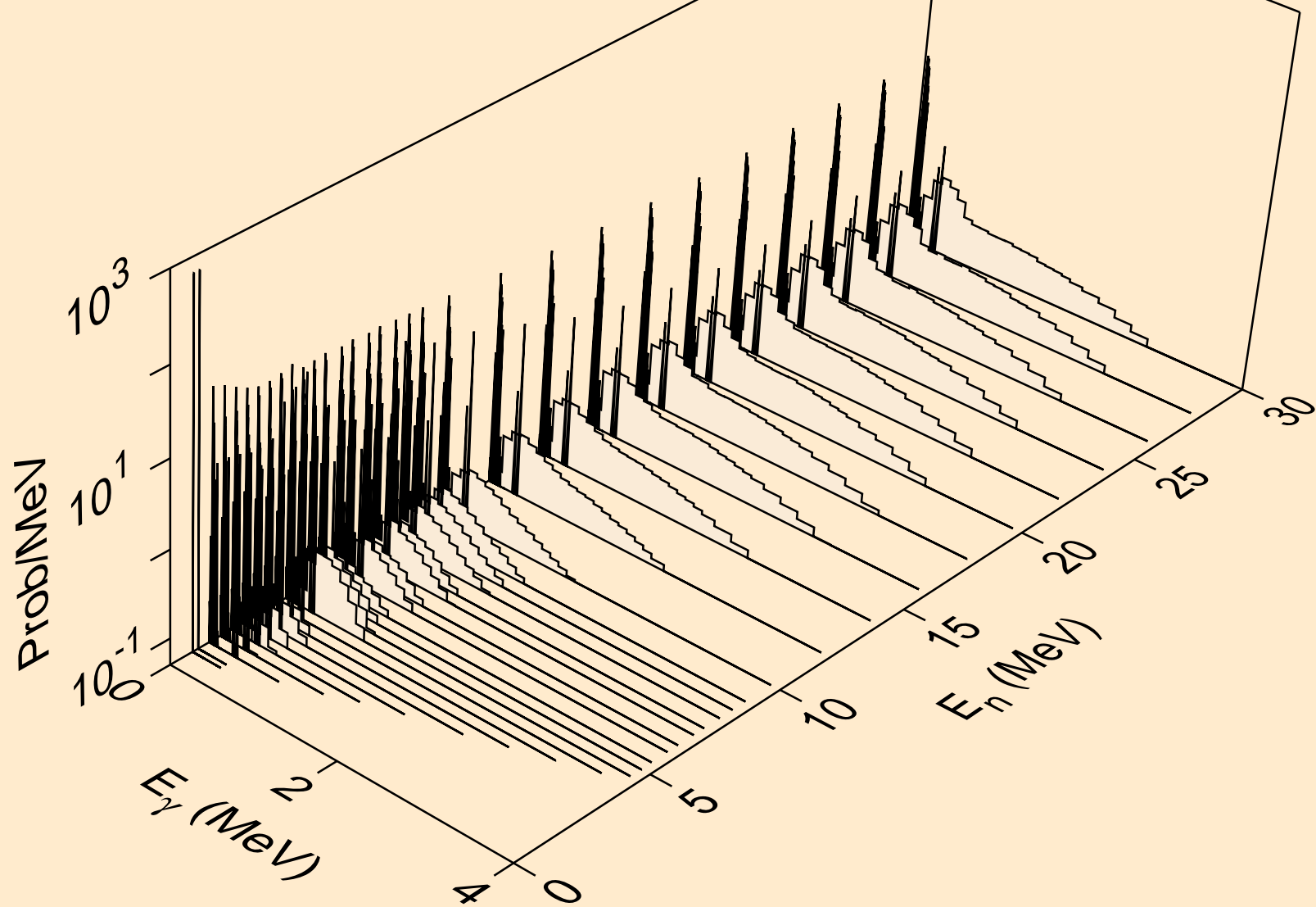
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



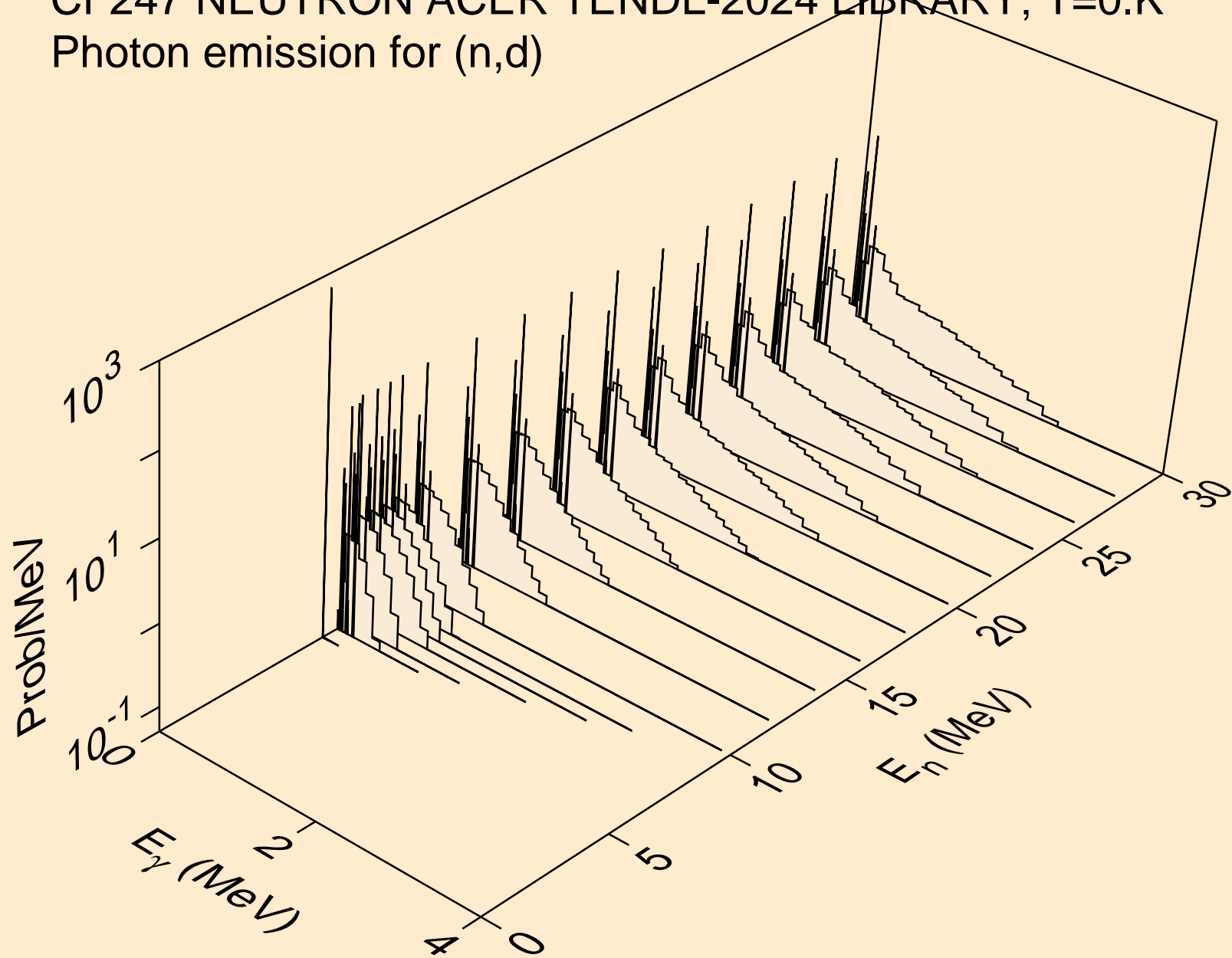
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

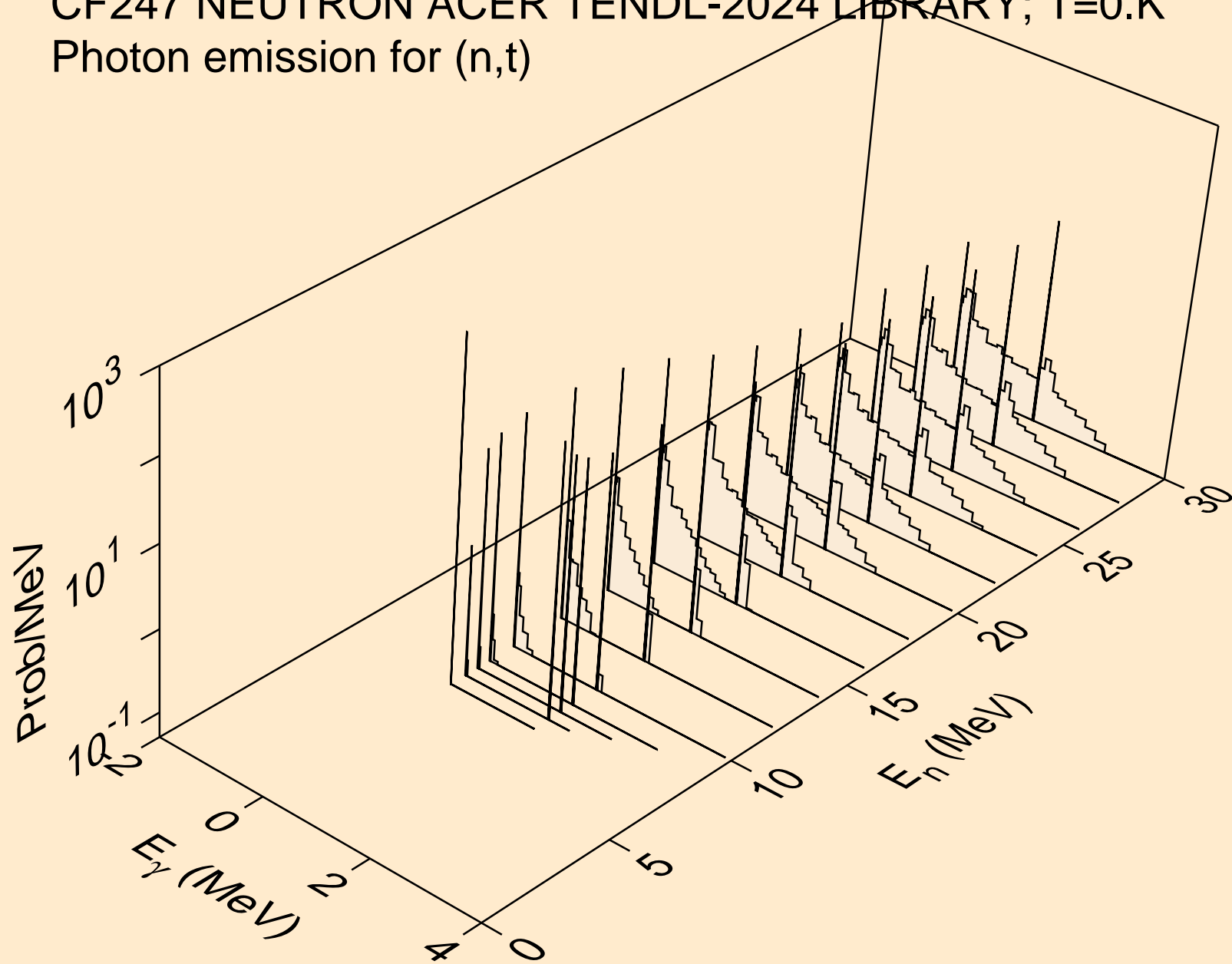


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

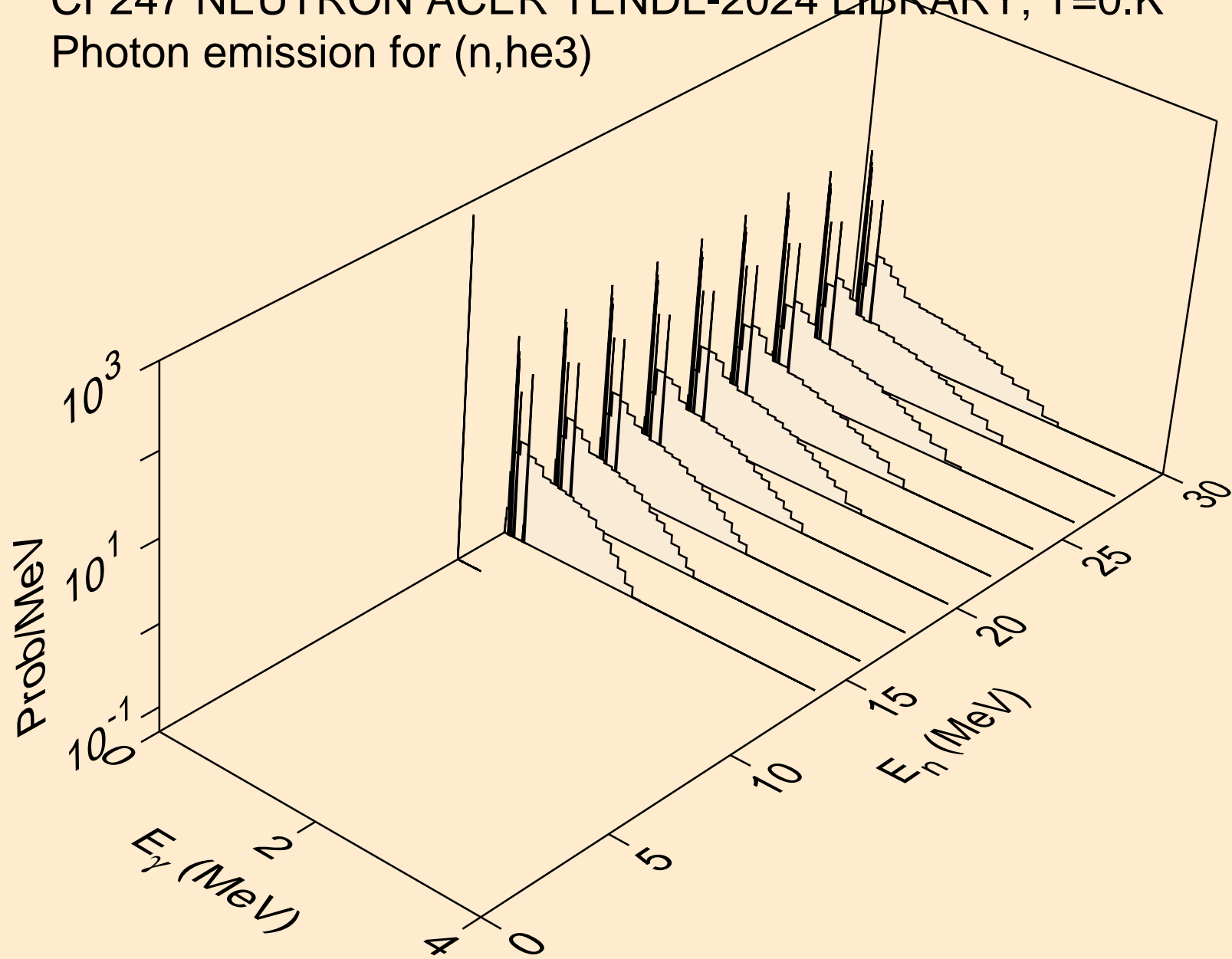




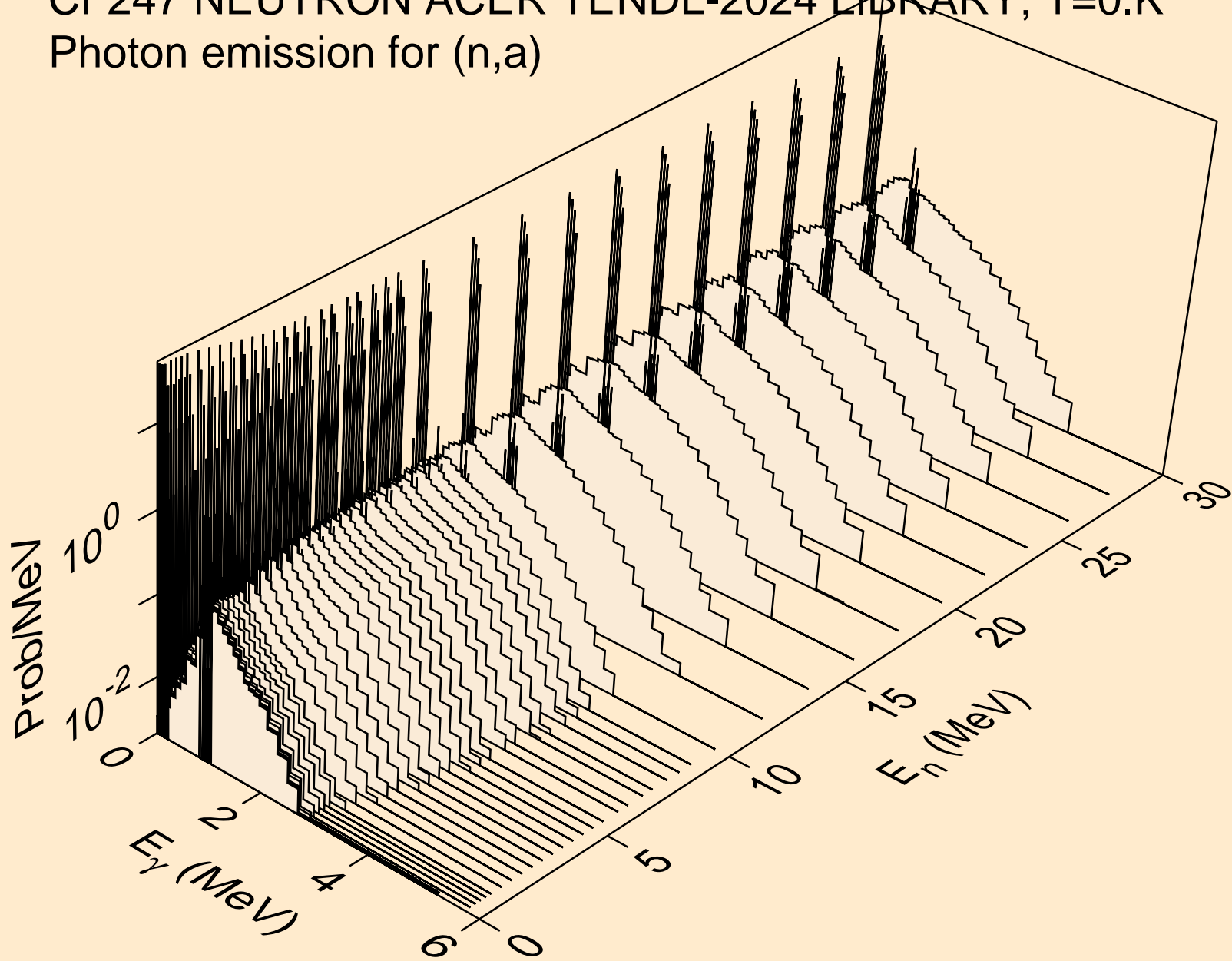
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



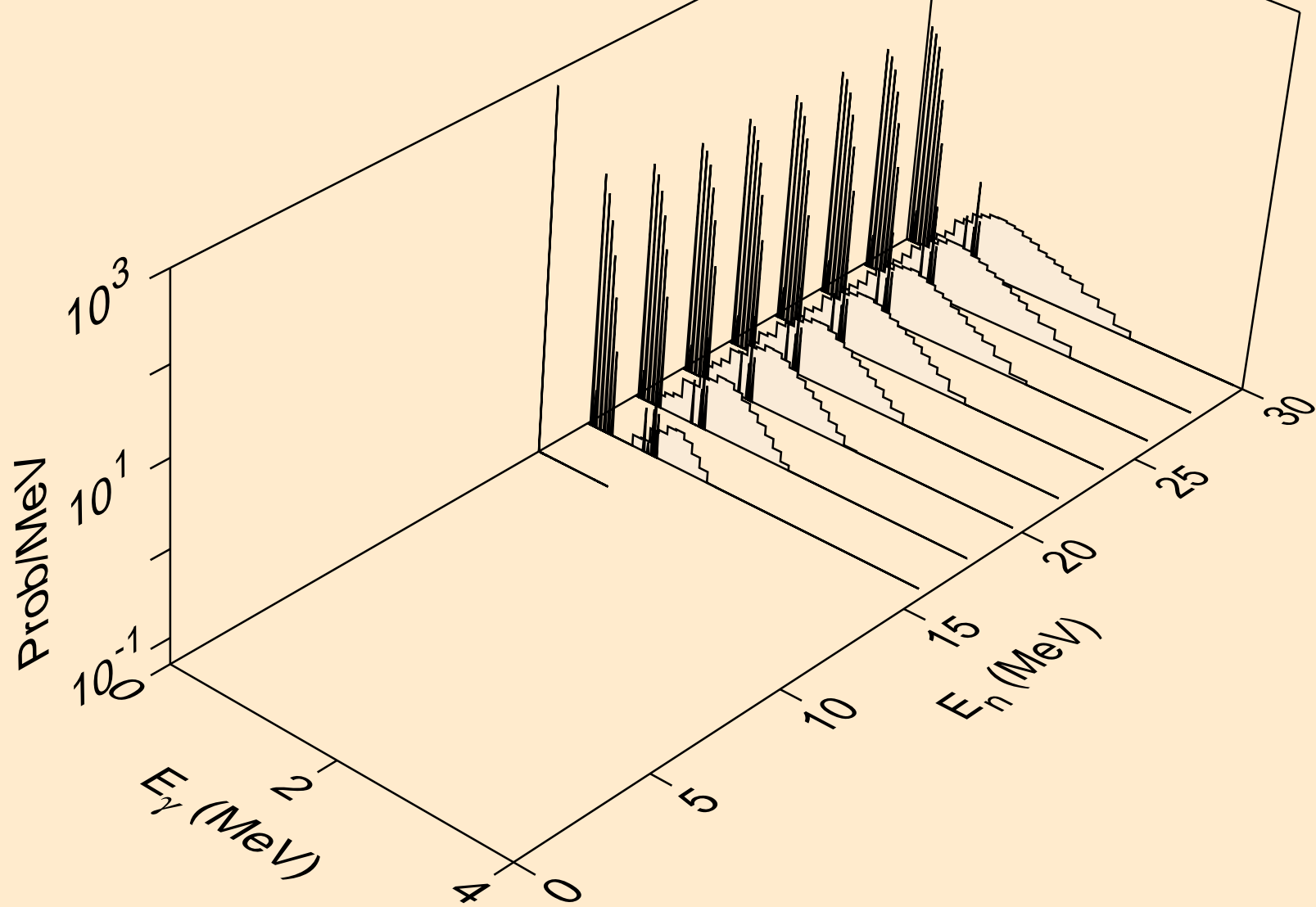
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



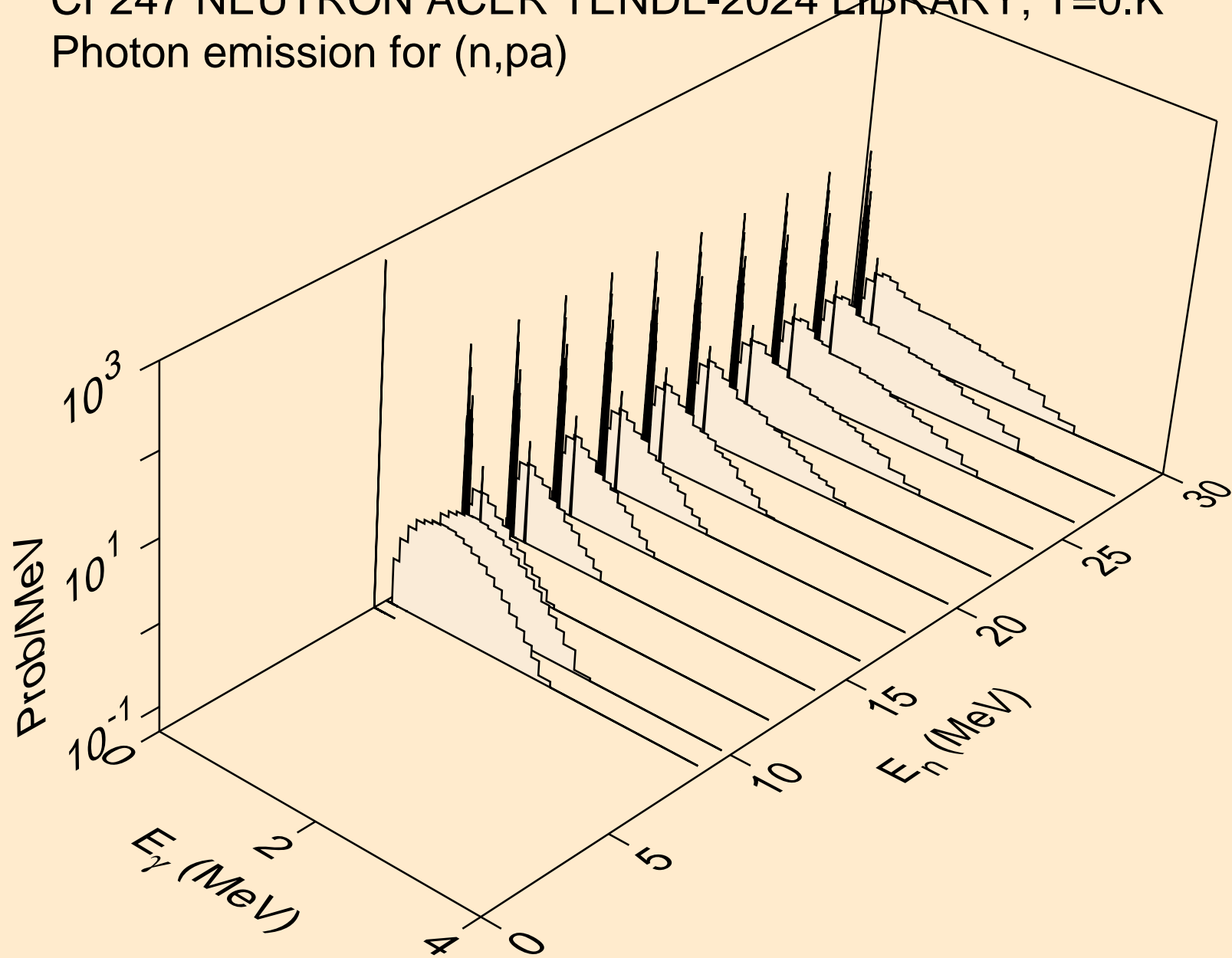
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



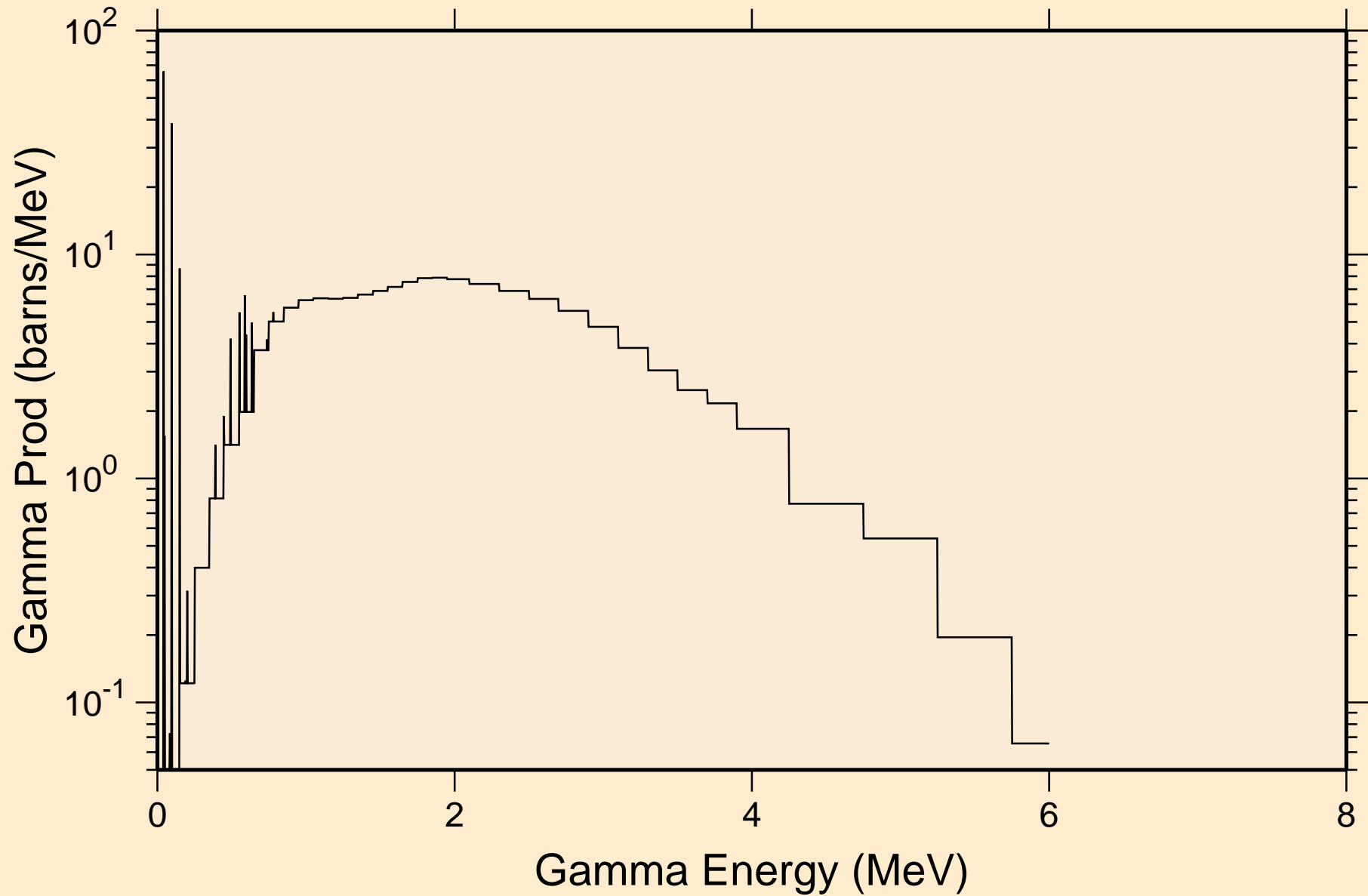
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



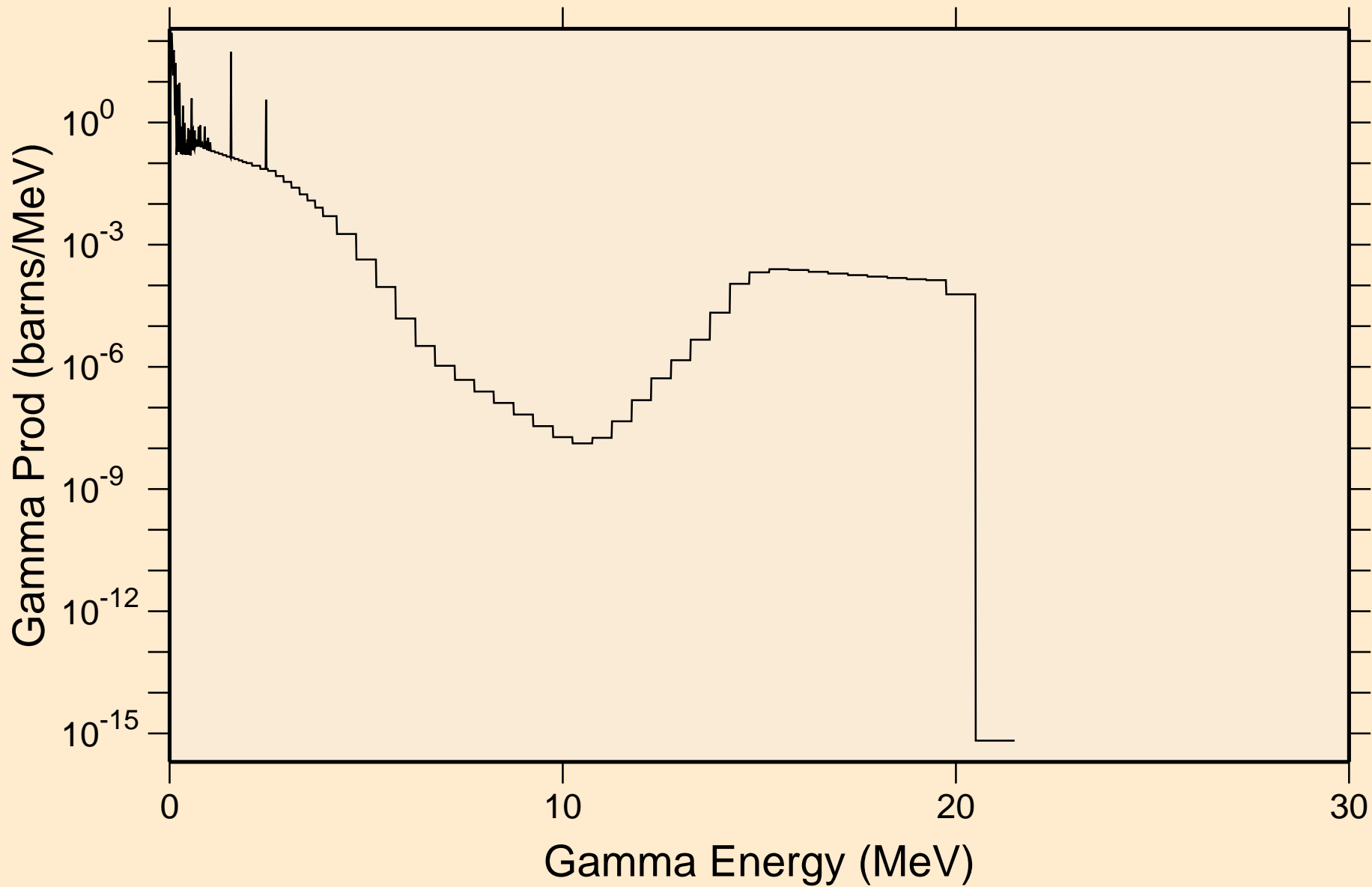
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

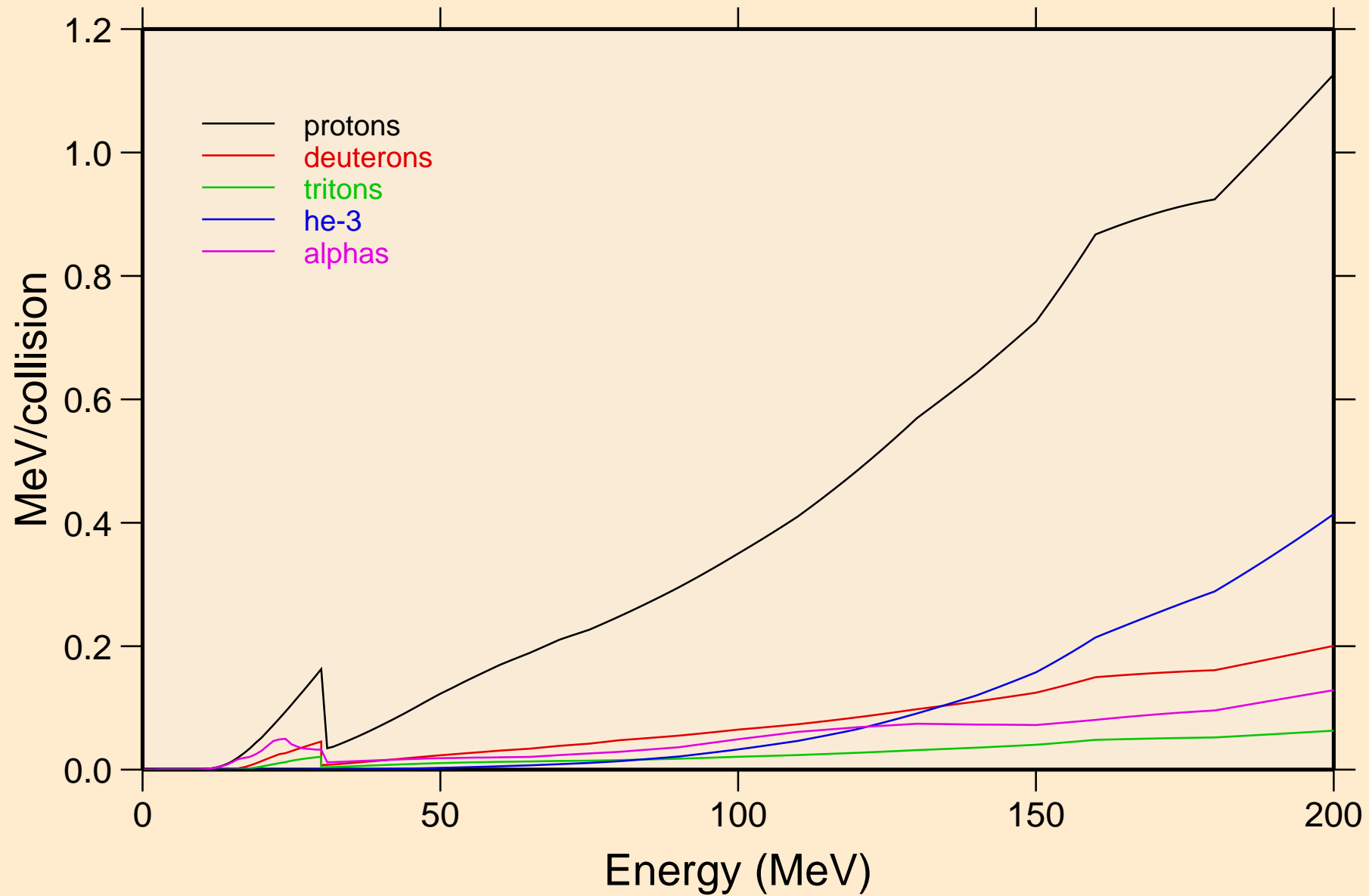


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



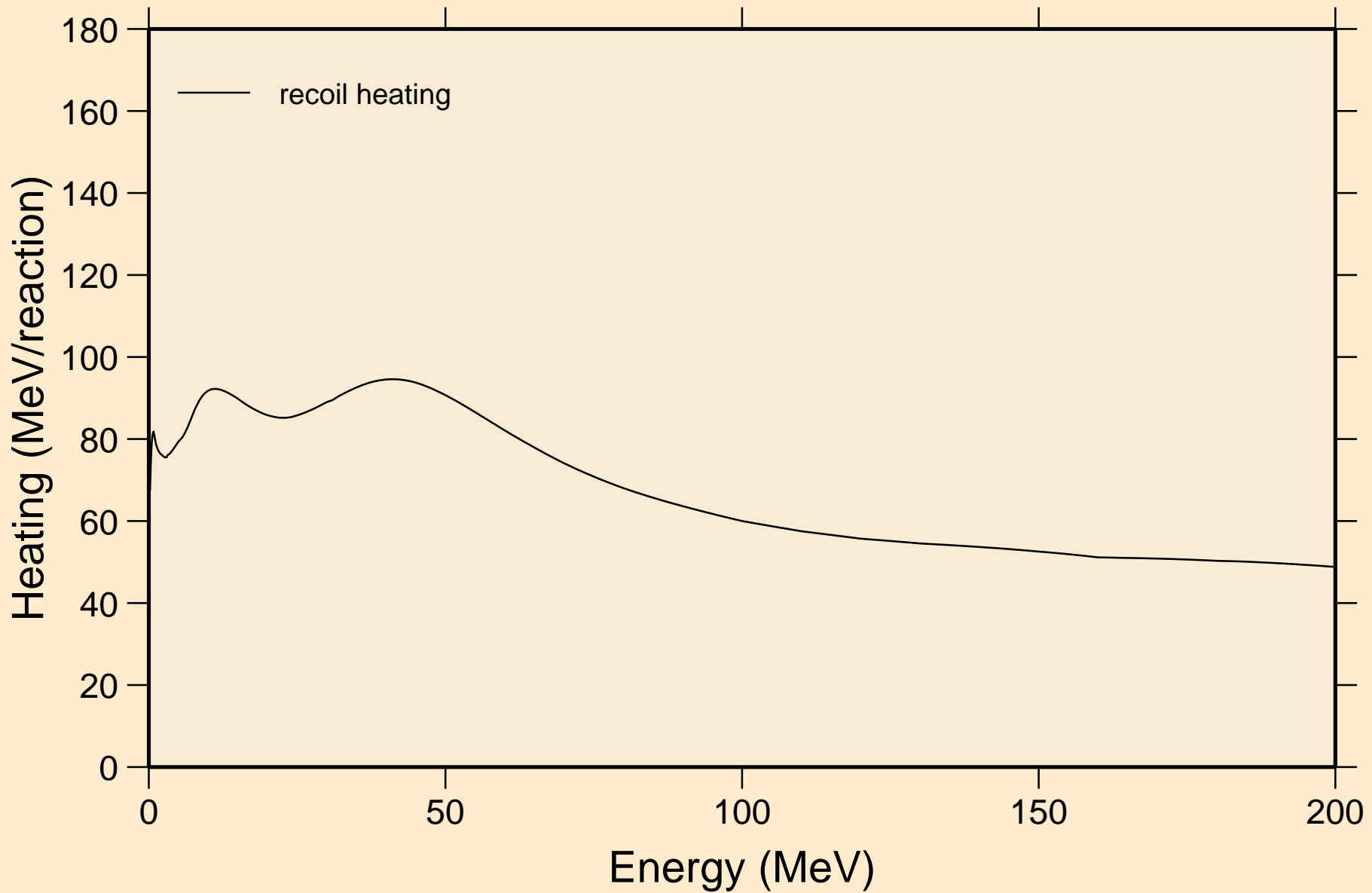
# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



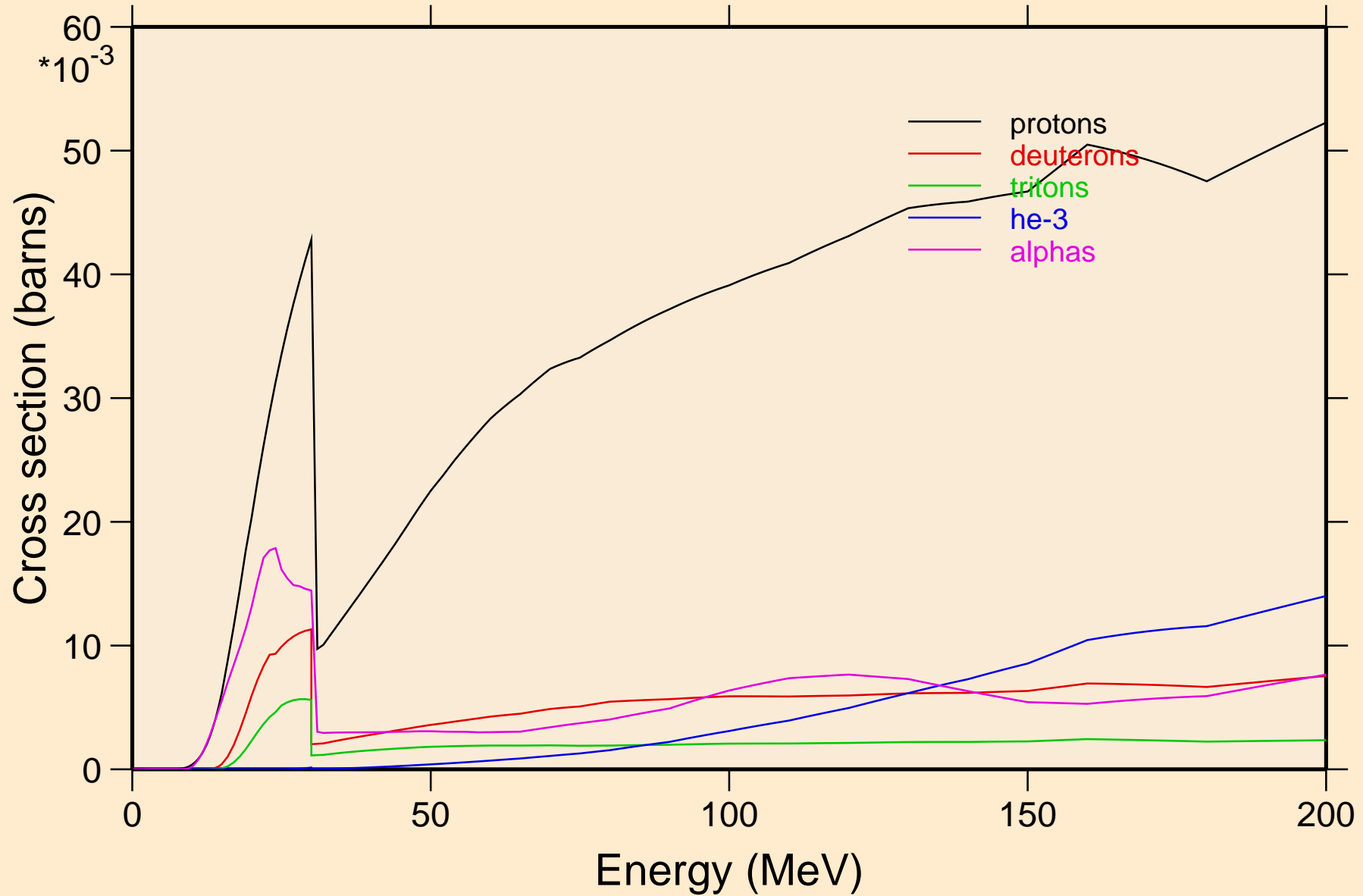


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

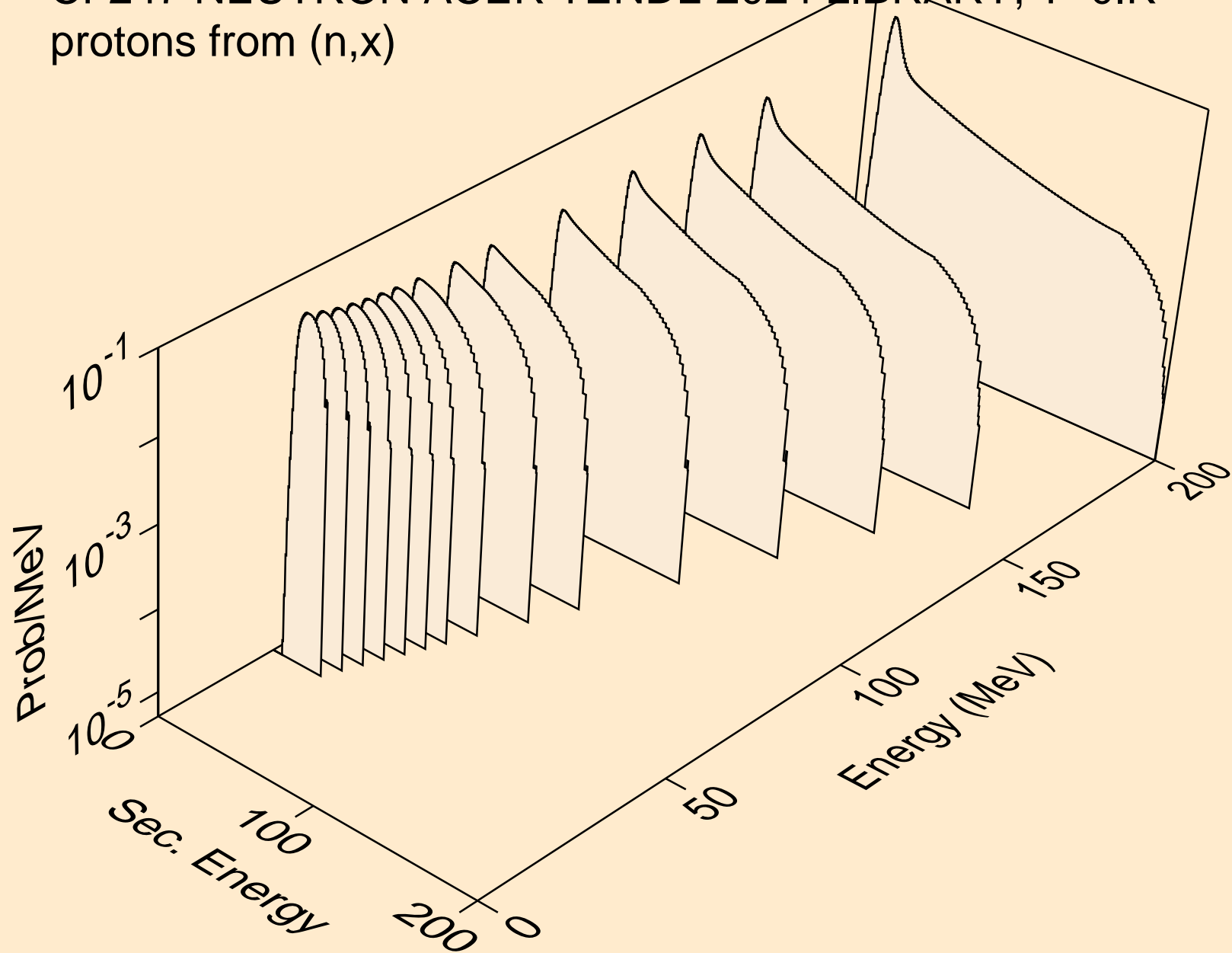


# CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

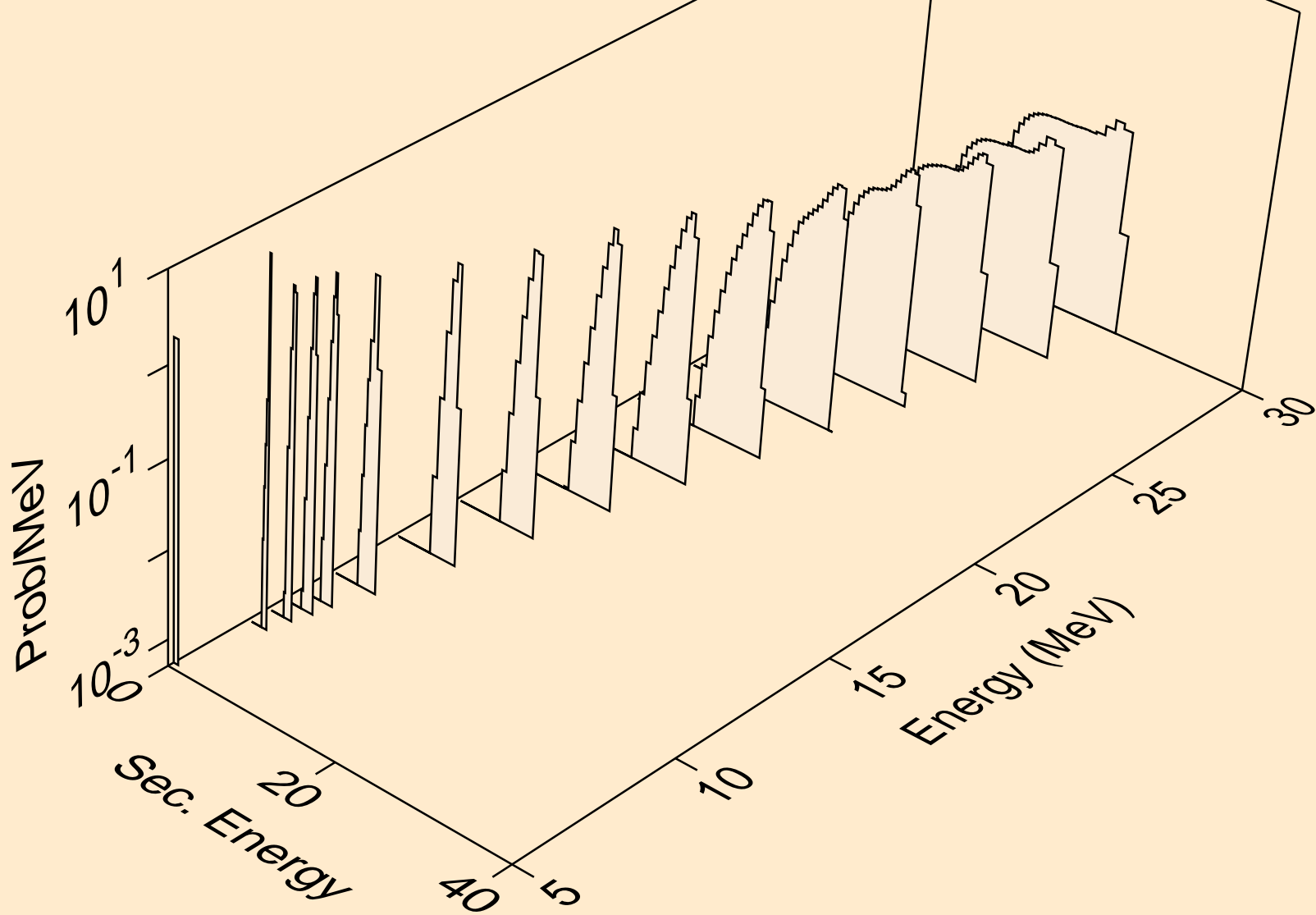
## Particle production cross sections



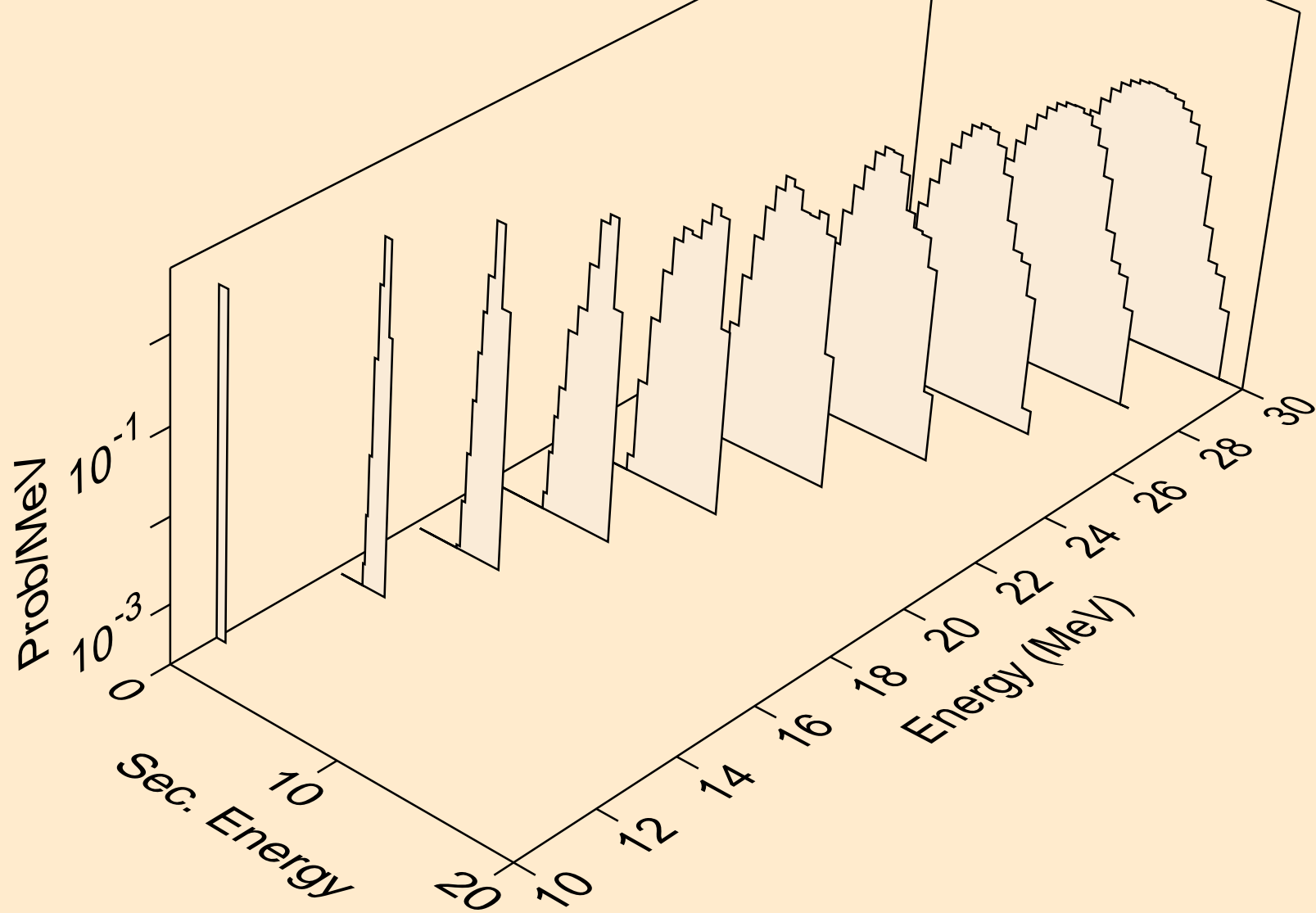
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



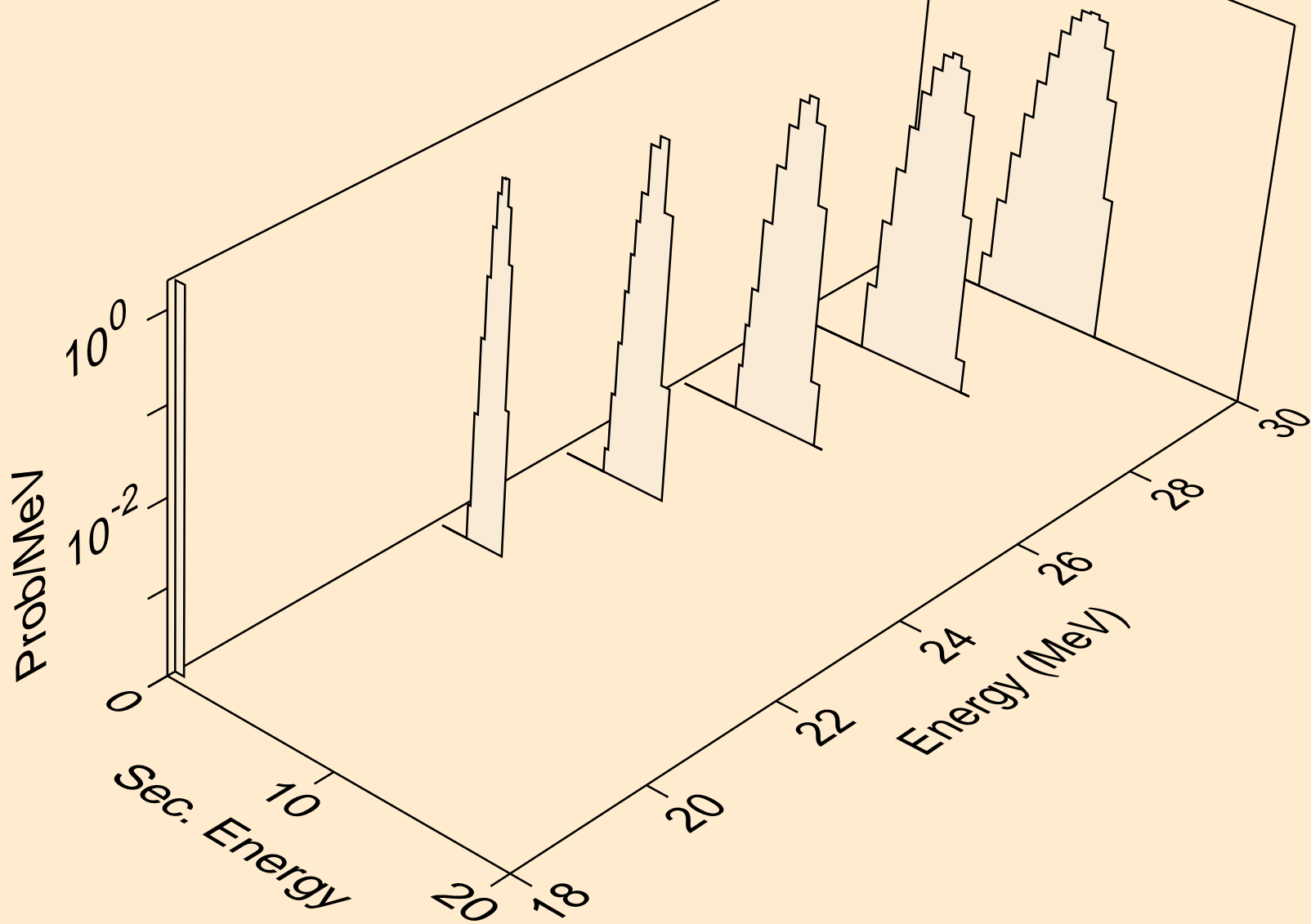
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



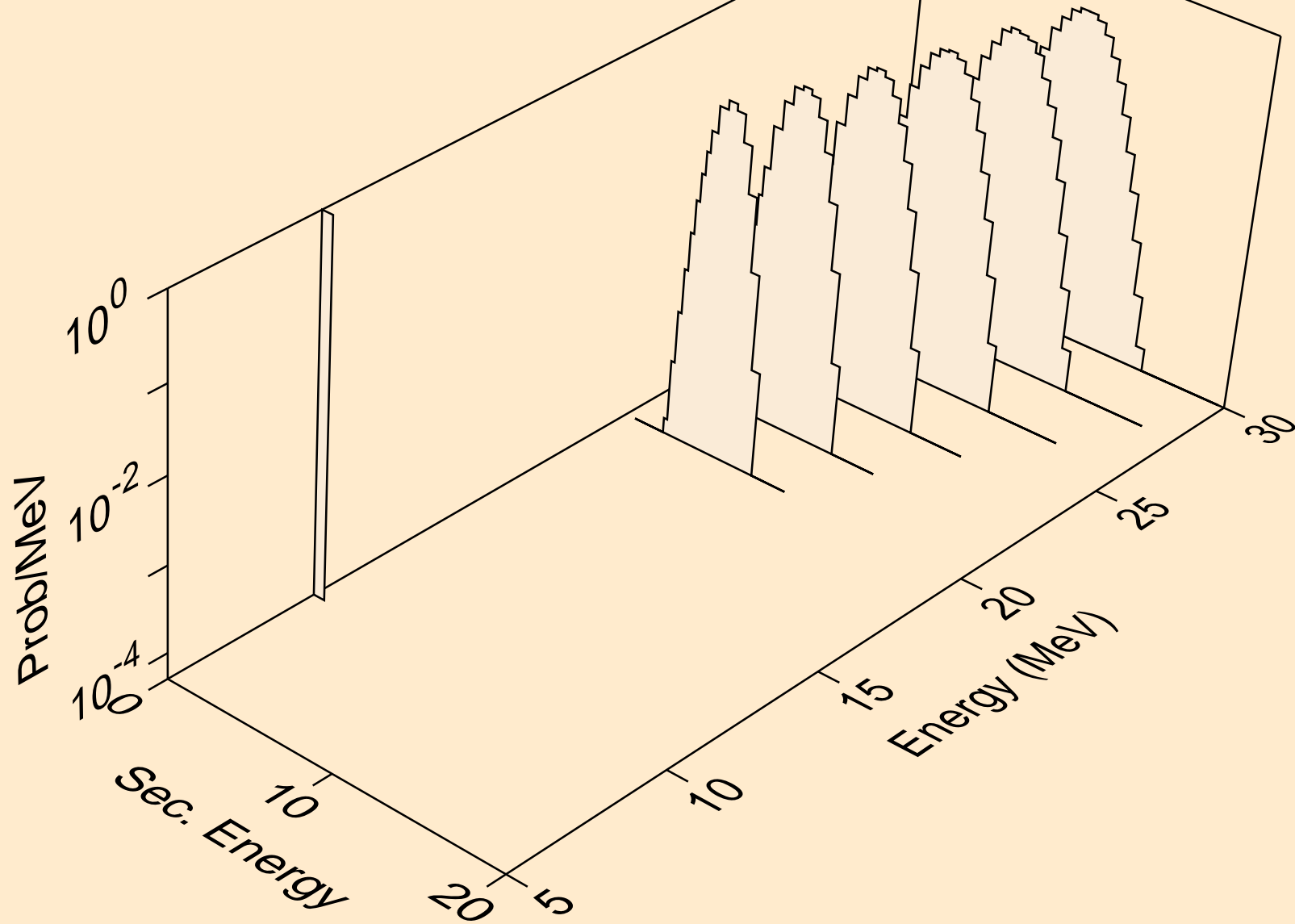
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



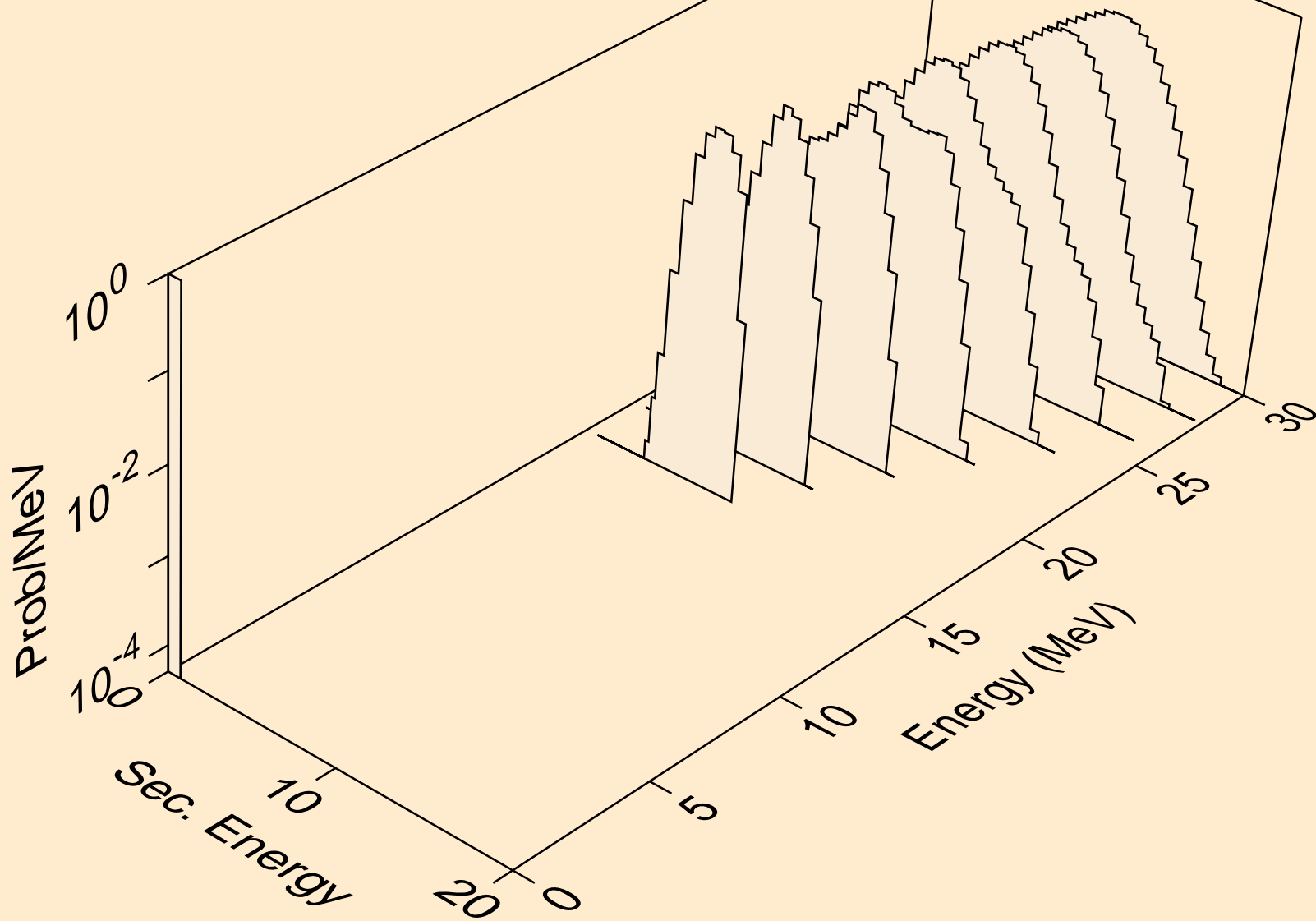
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

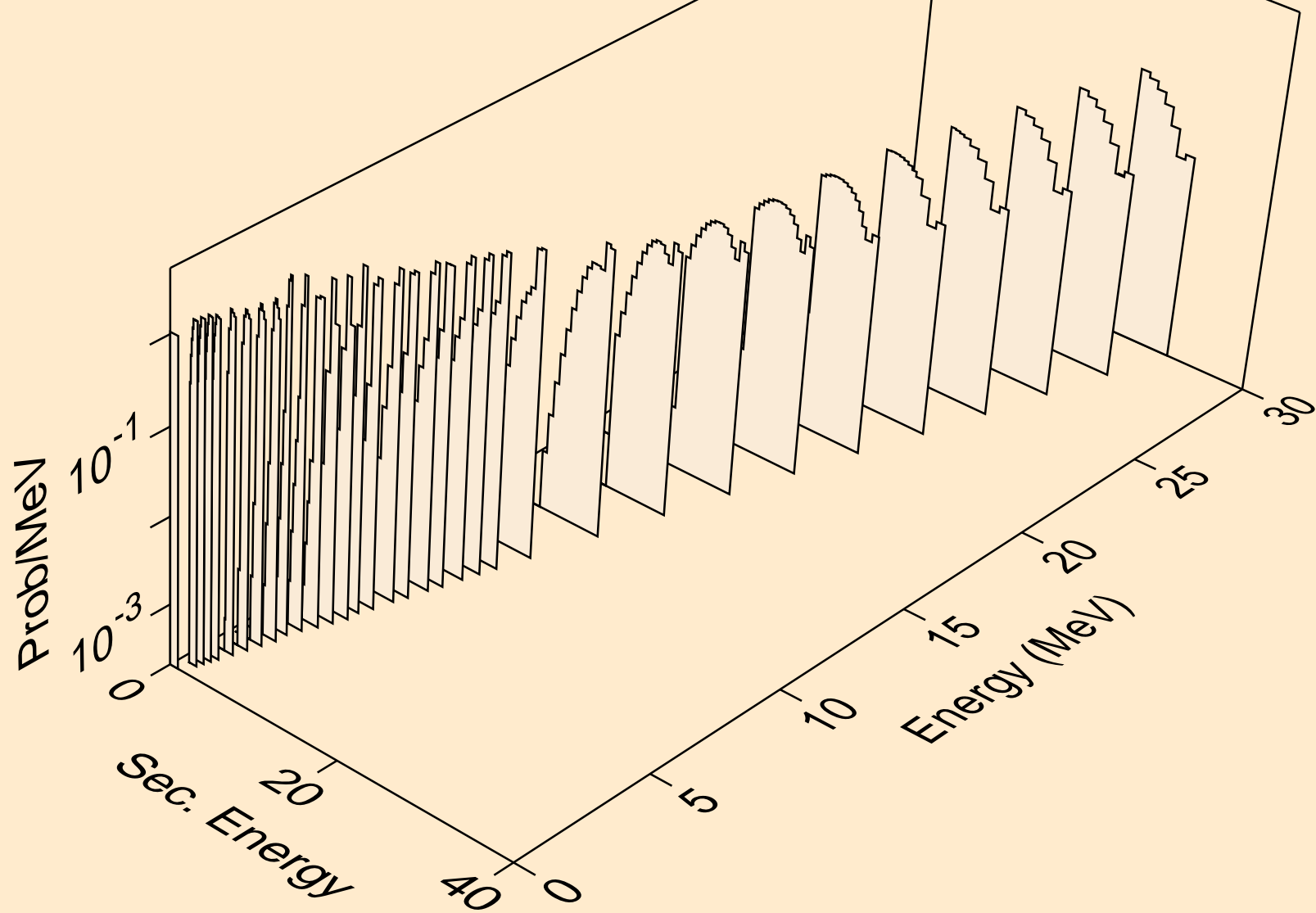


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

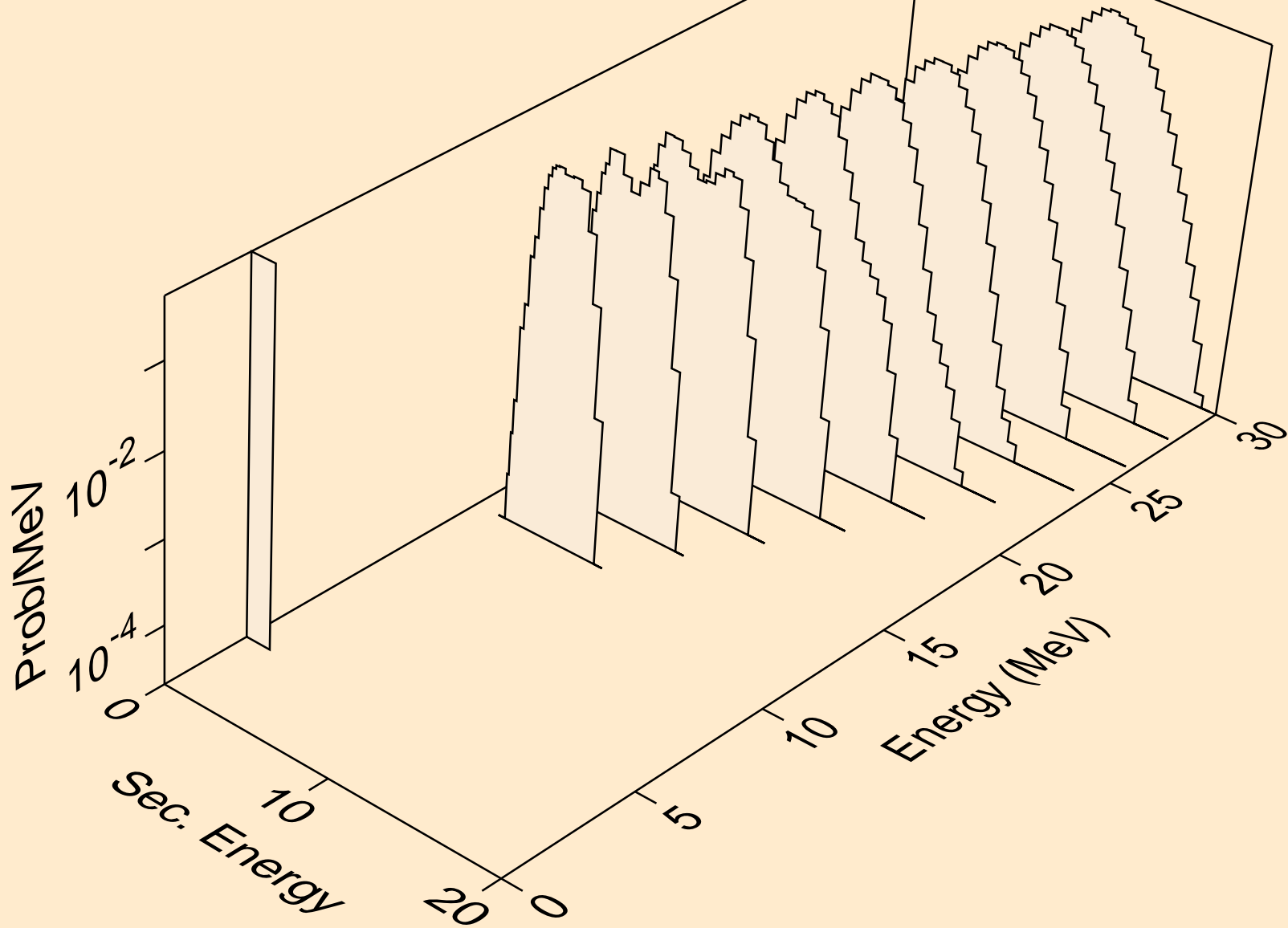




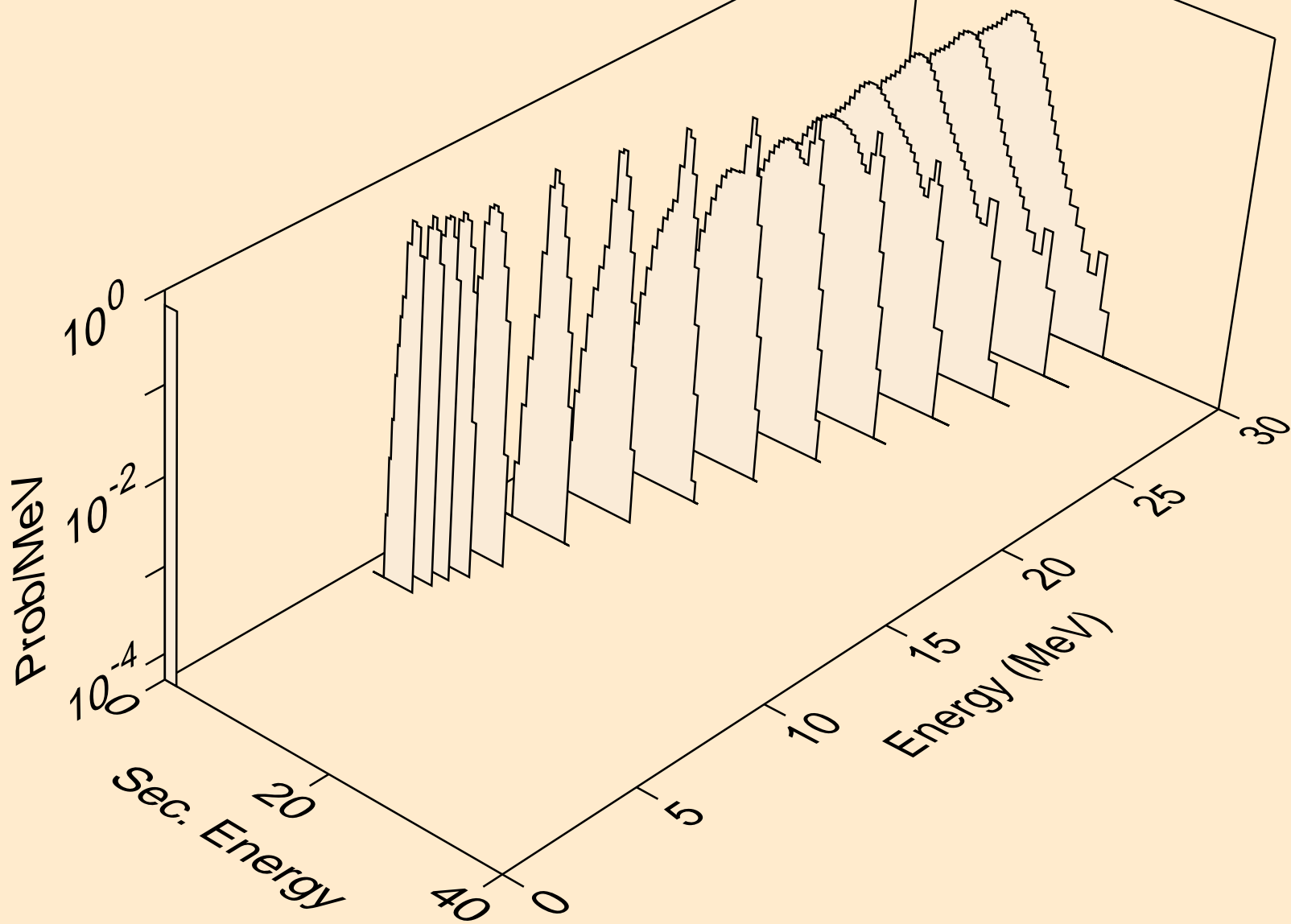
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



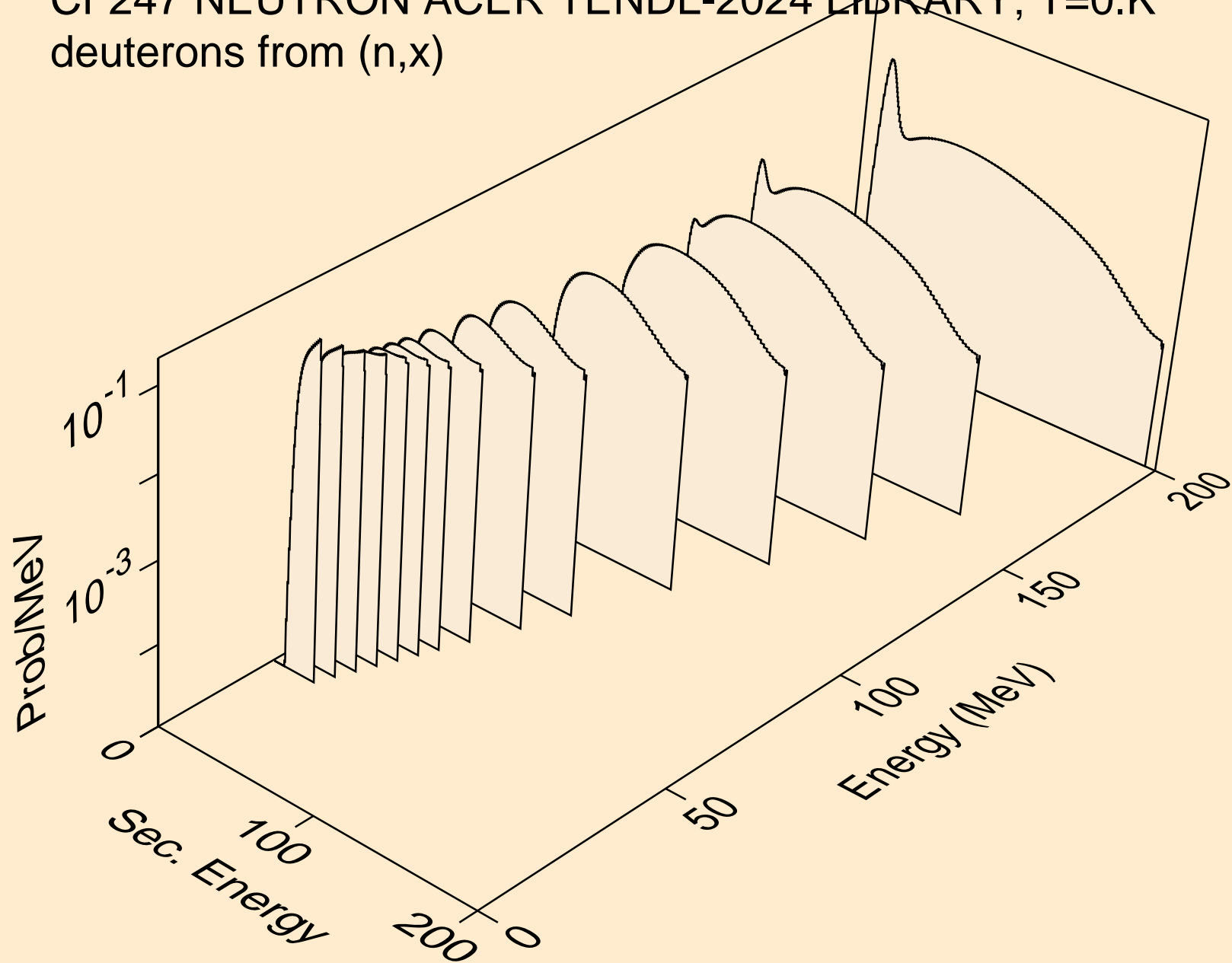
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protons from (n,2p)



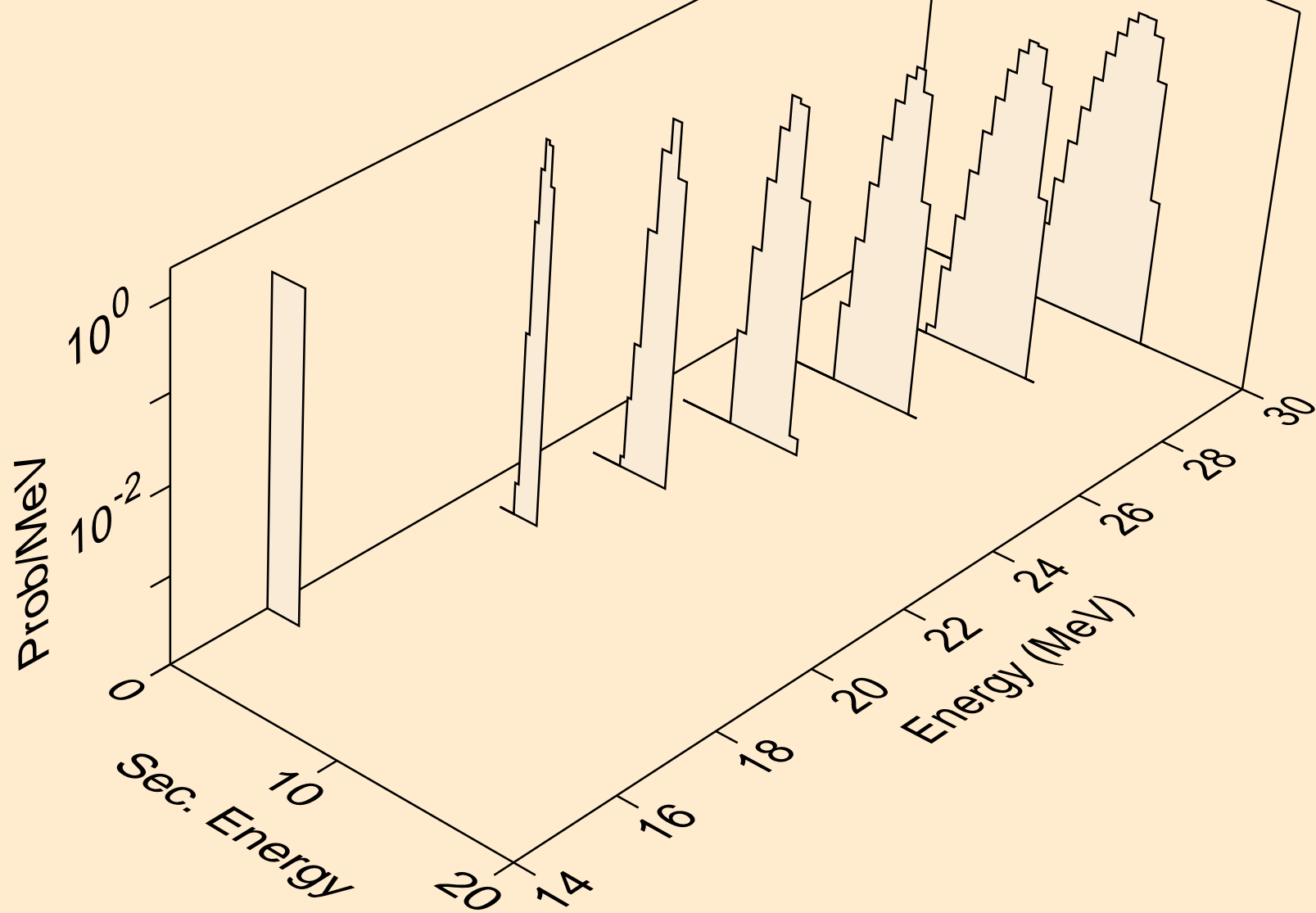
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protons from (n,p)



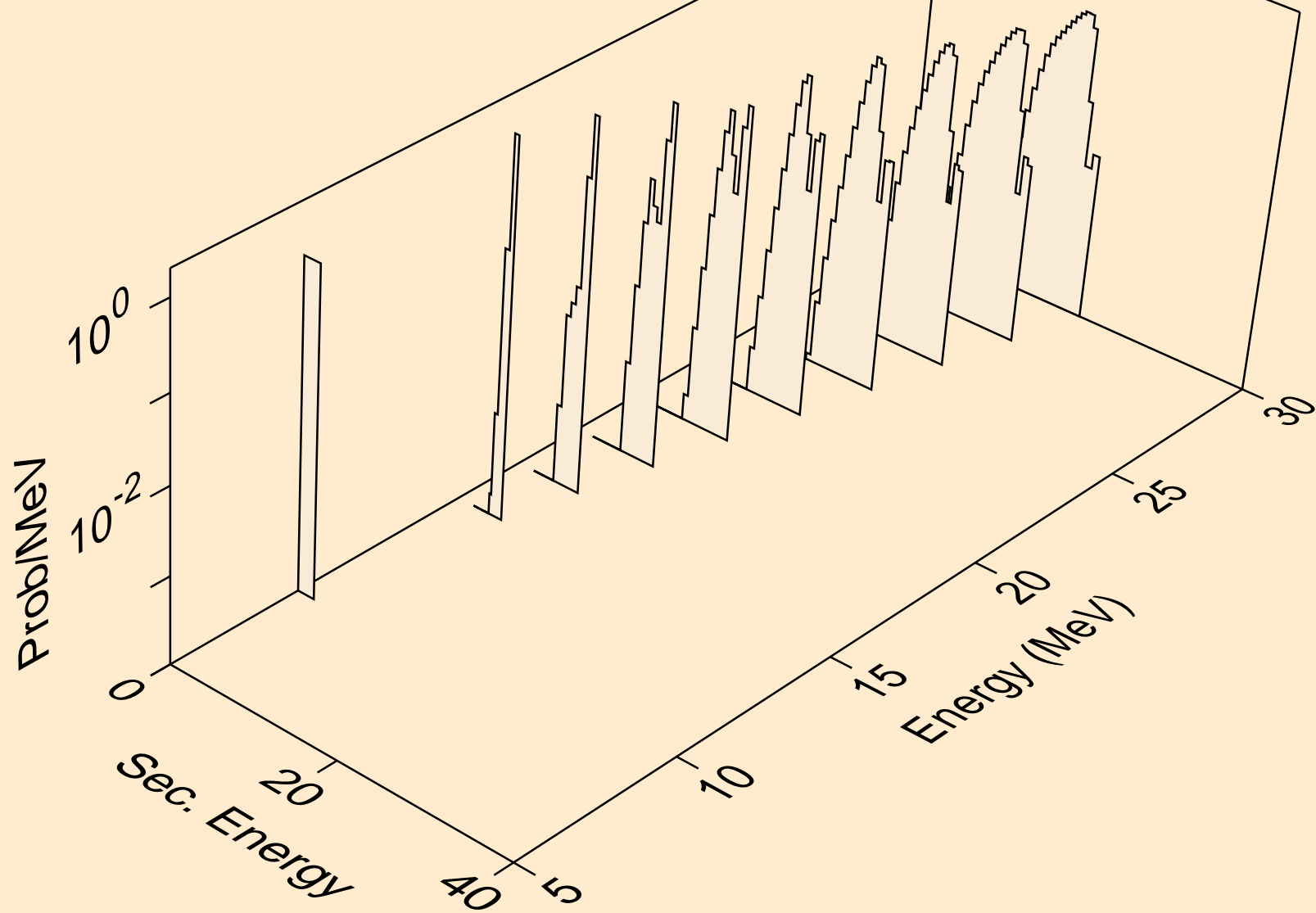
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



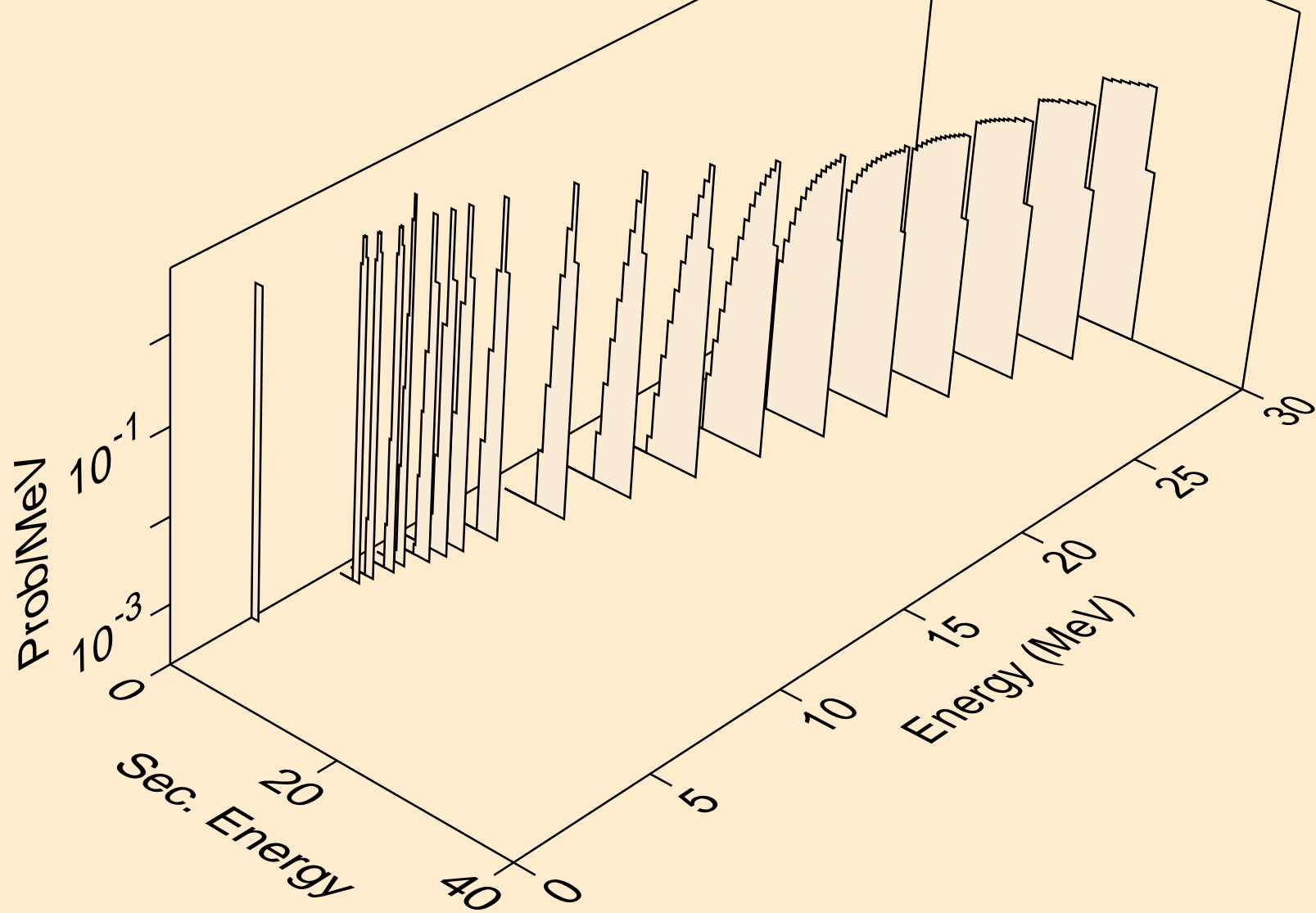
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deuterons from (n,2nd)



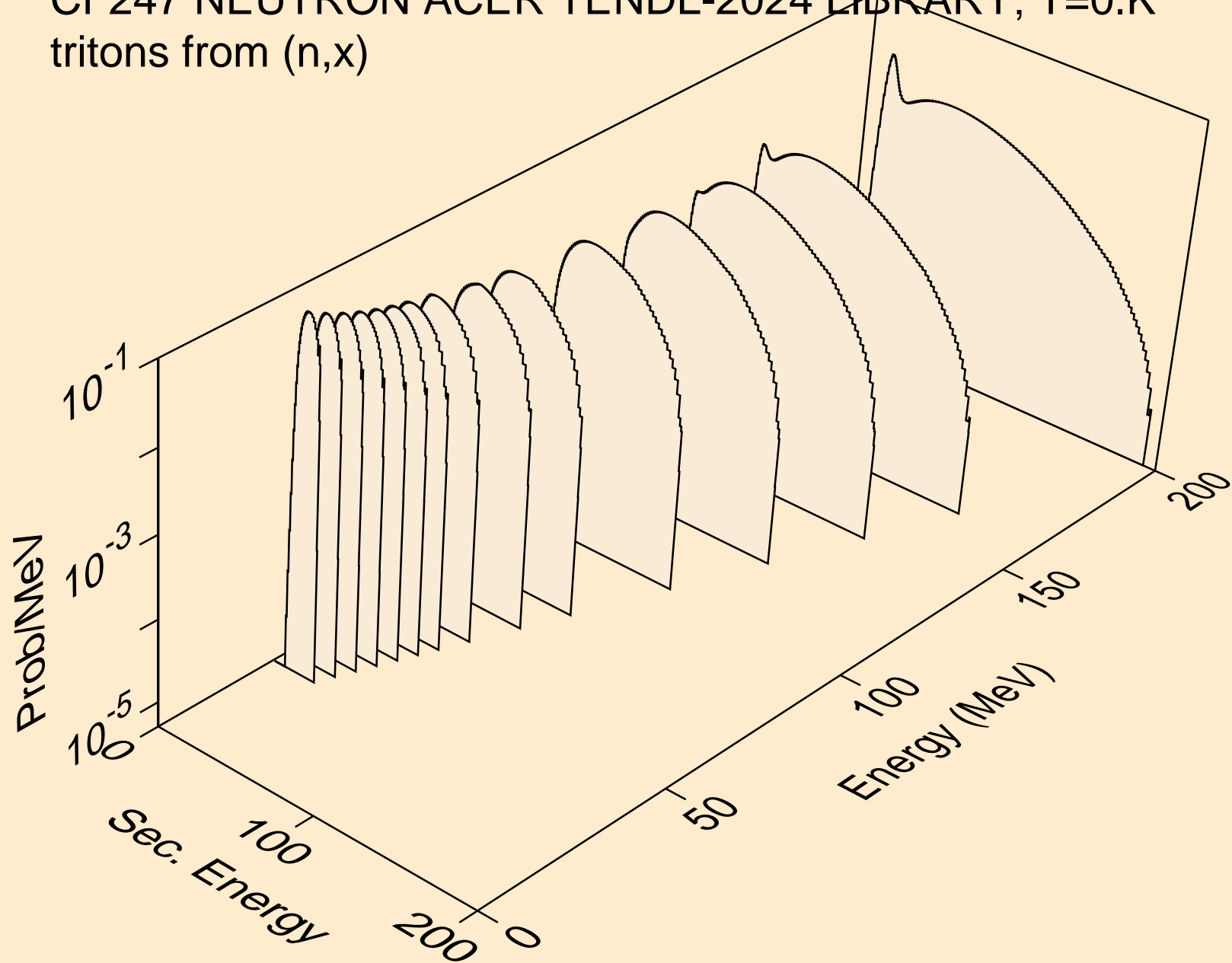
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

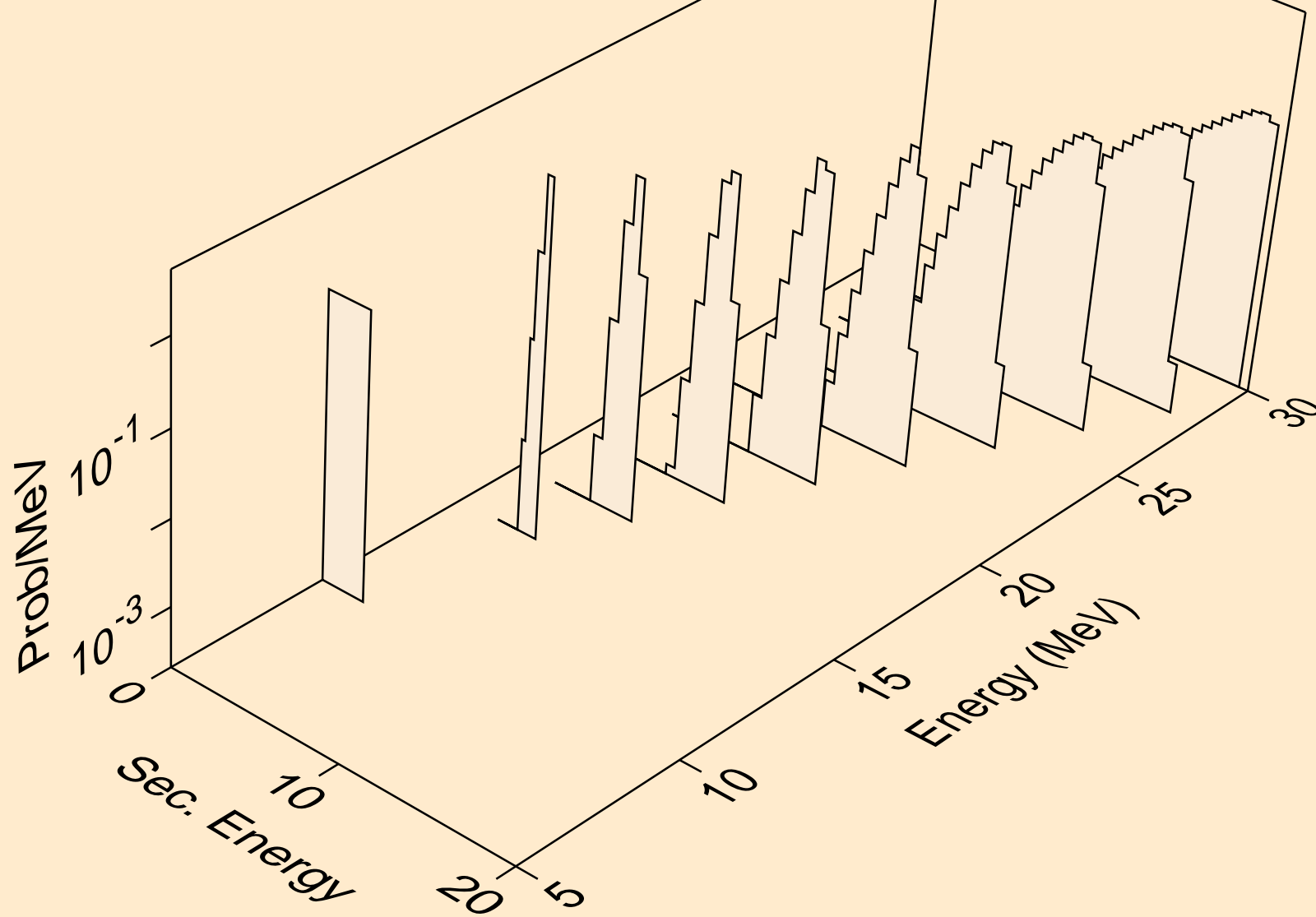


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

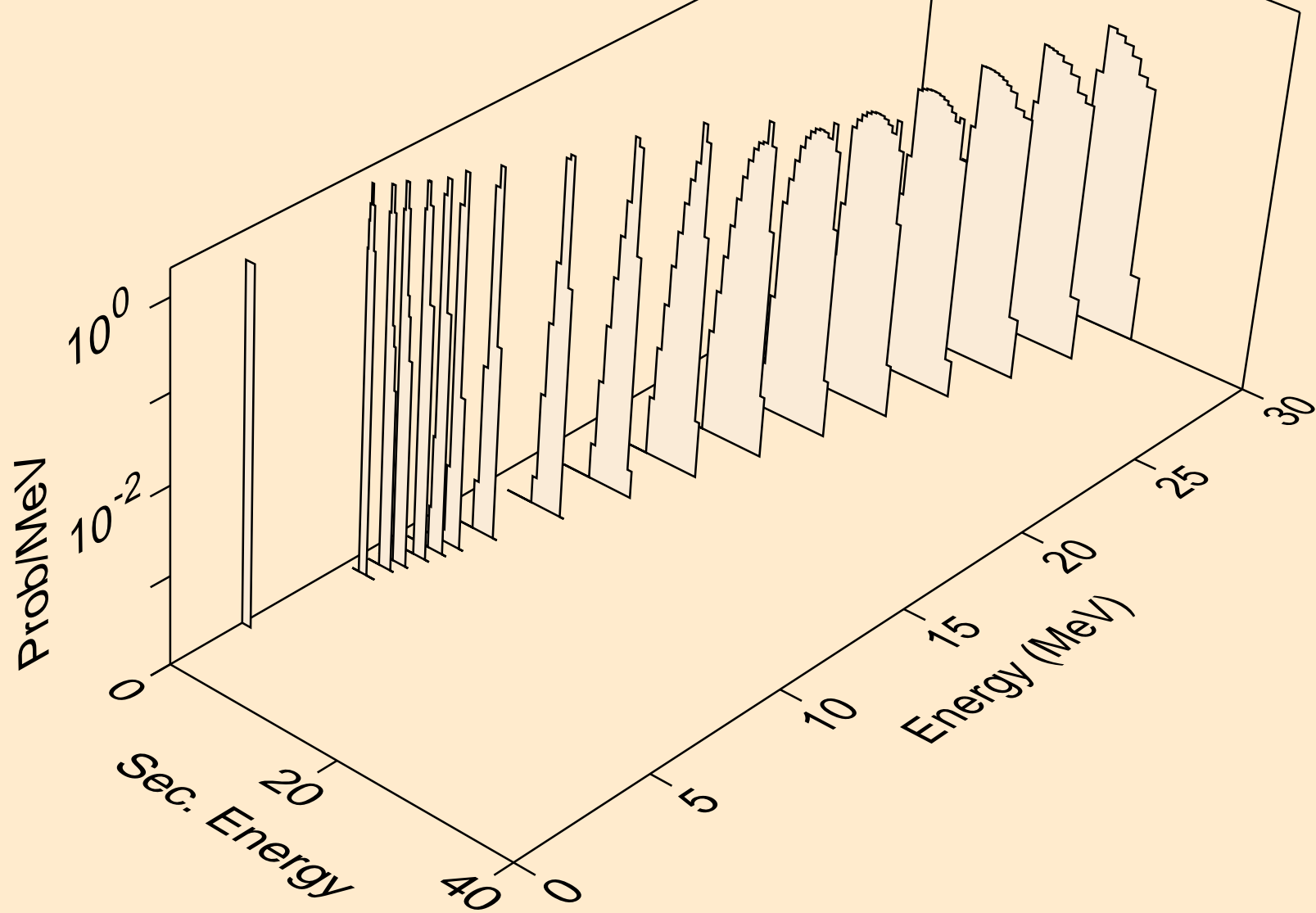




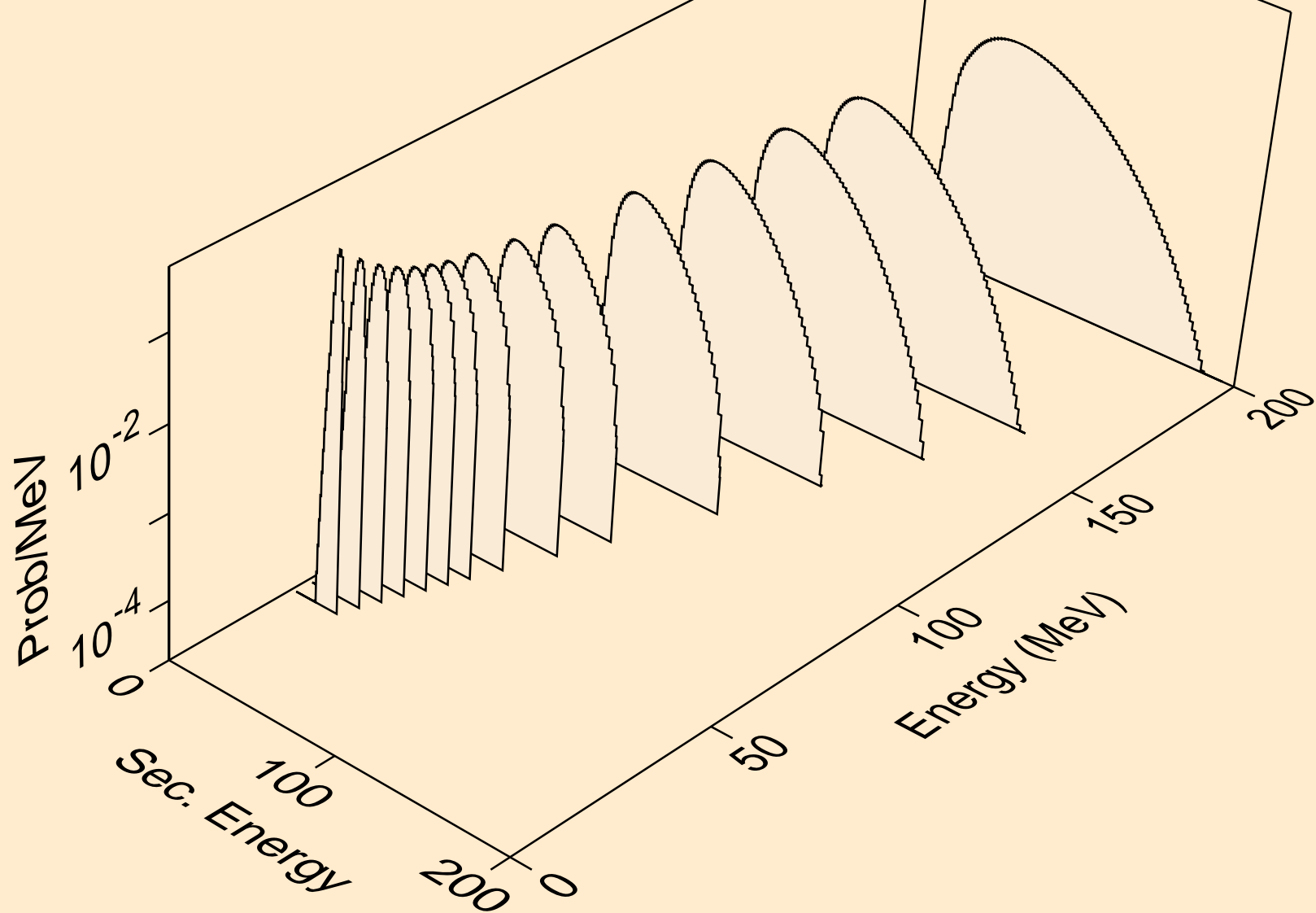
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



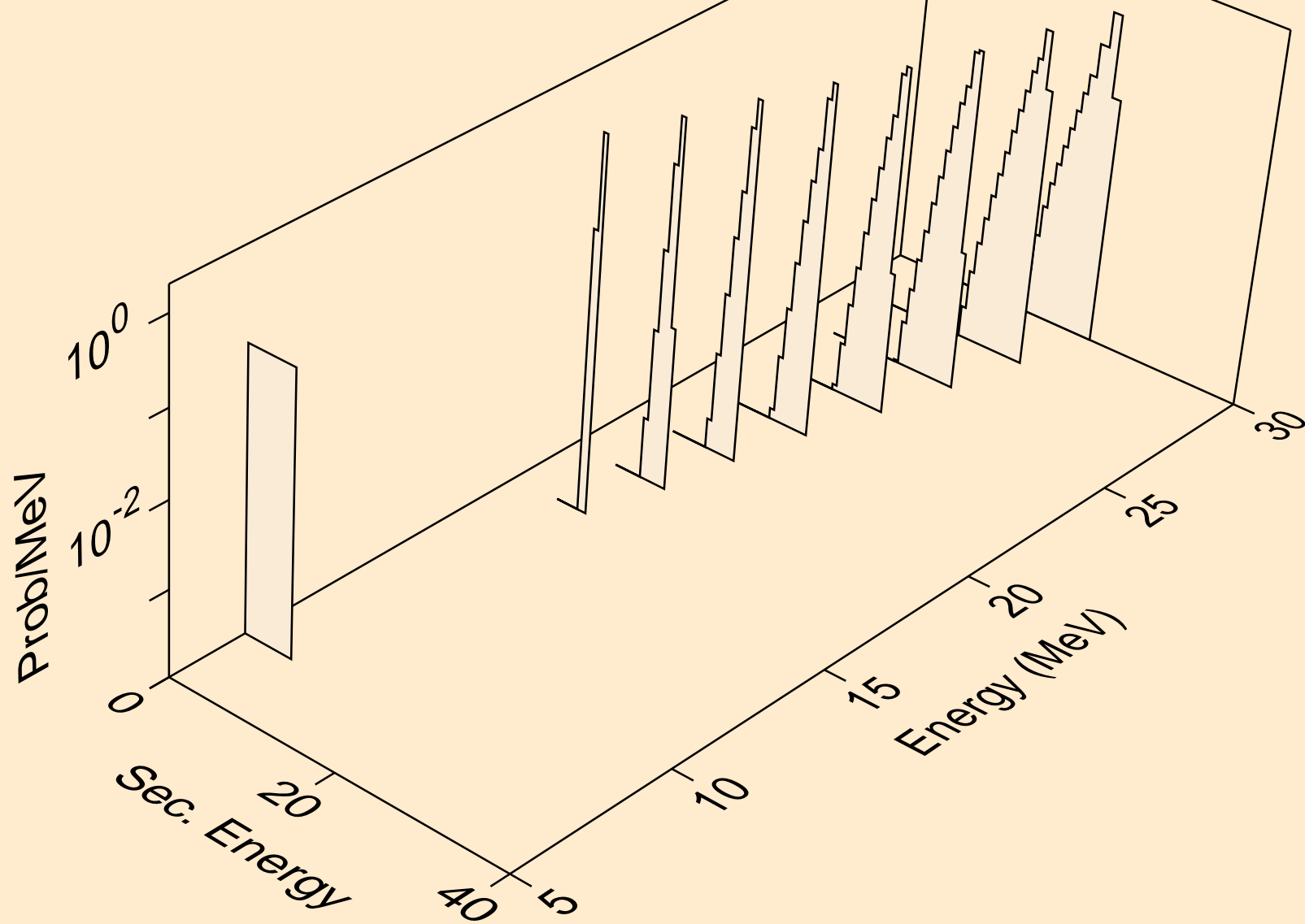
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tritons from (n,t)



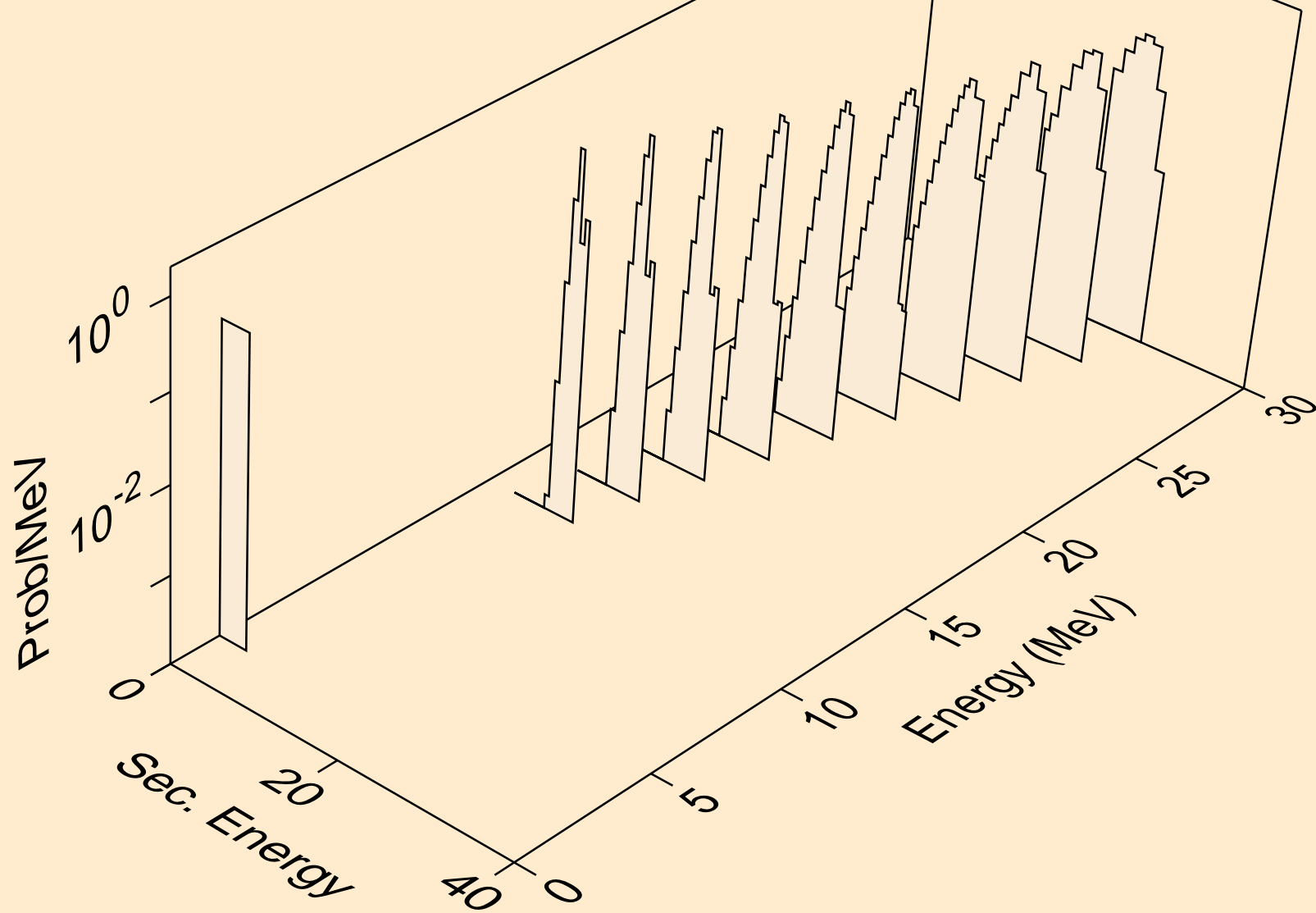
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



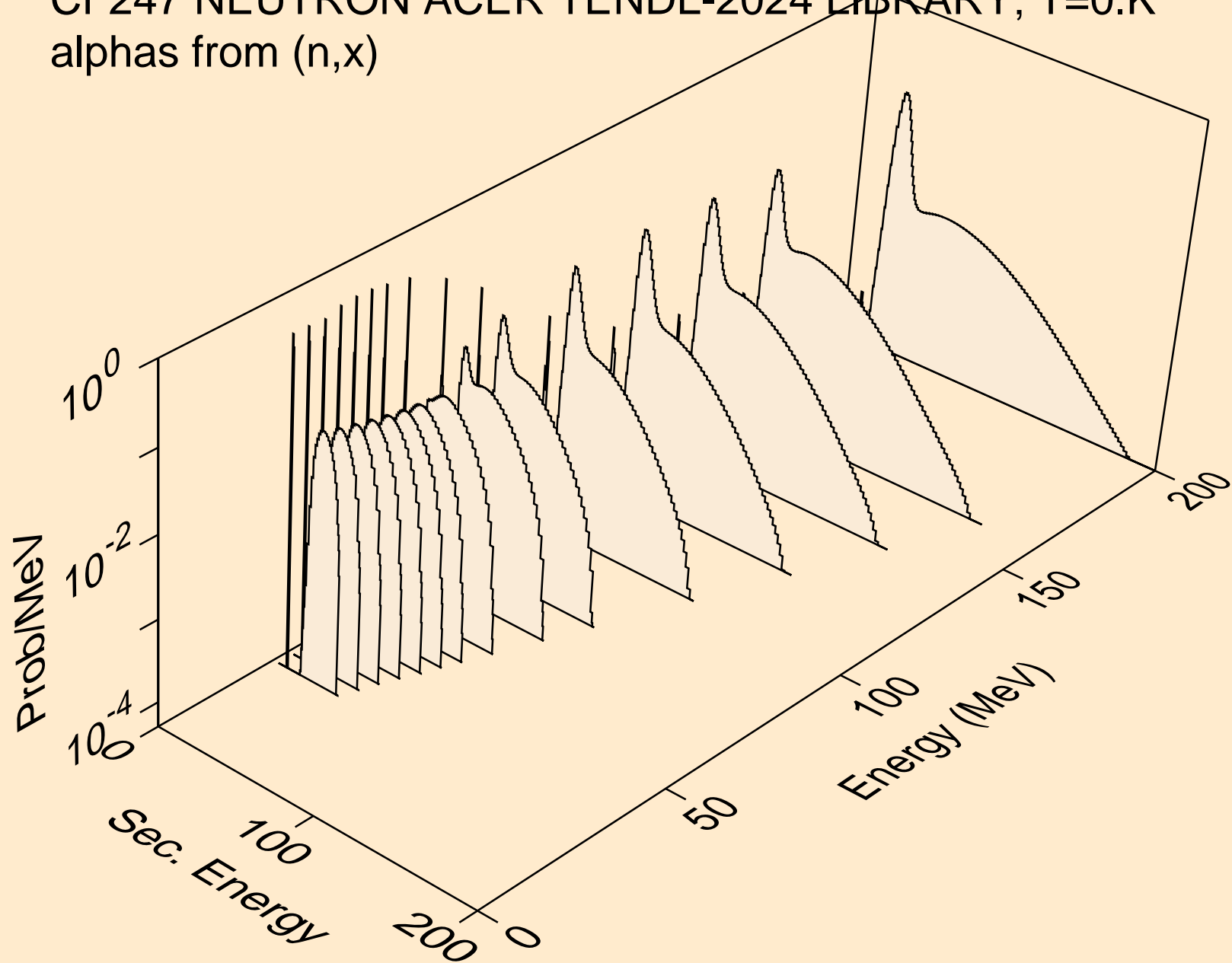
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



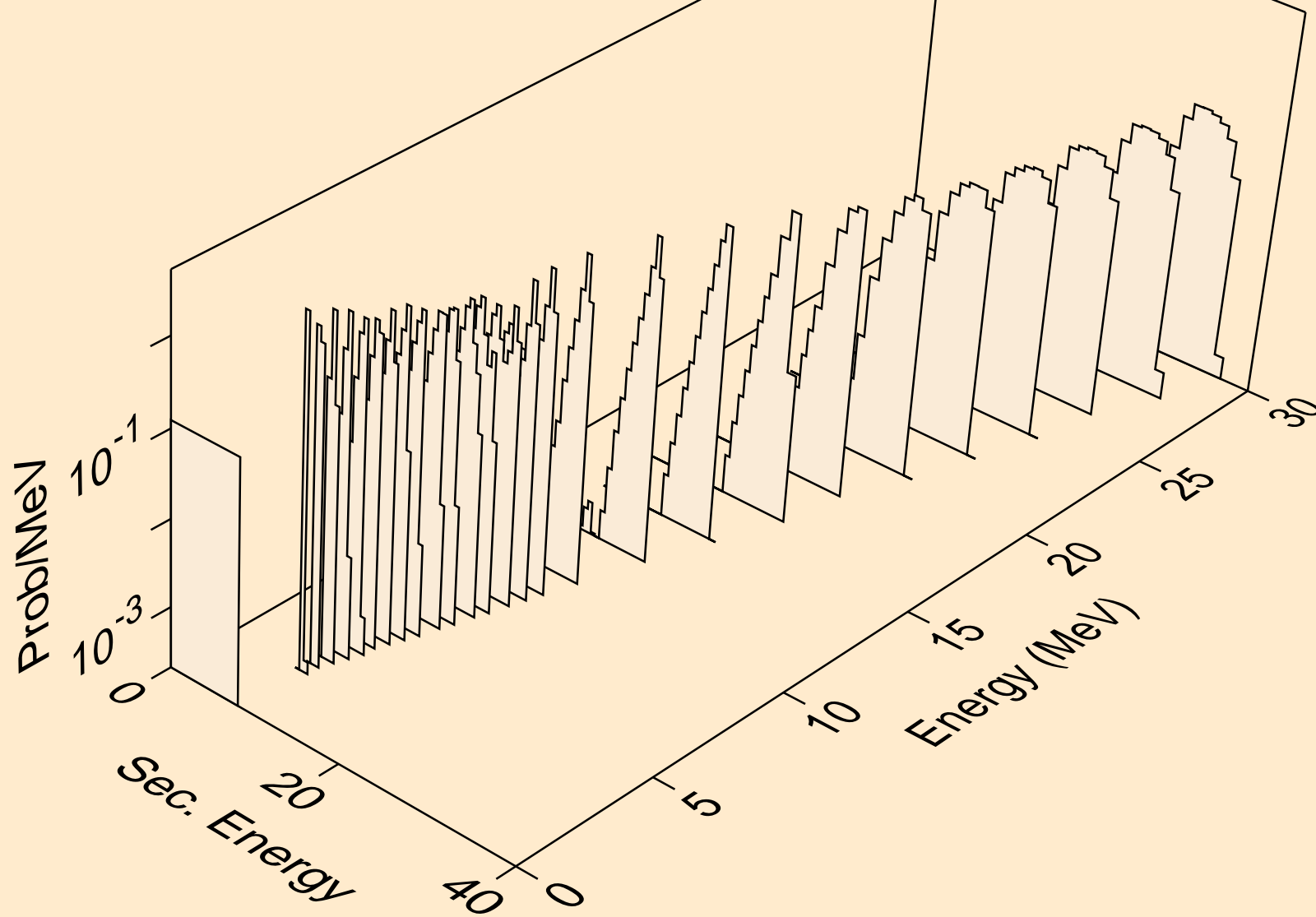
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he3s from (n,he3)



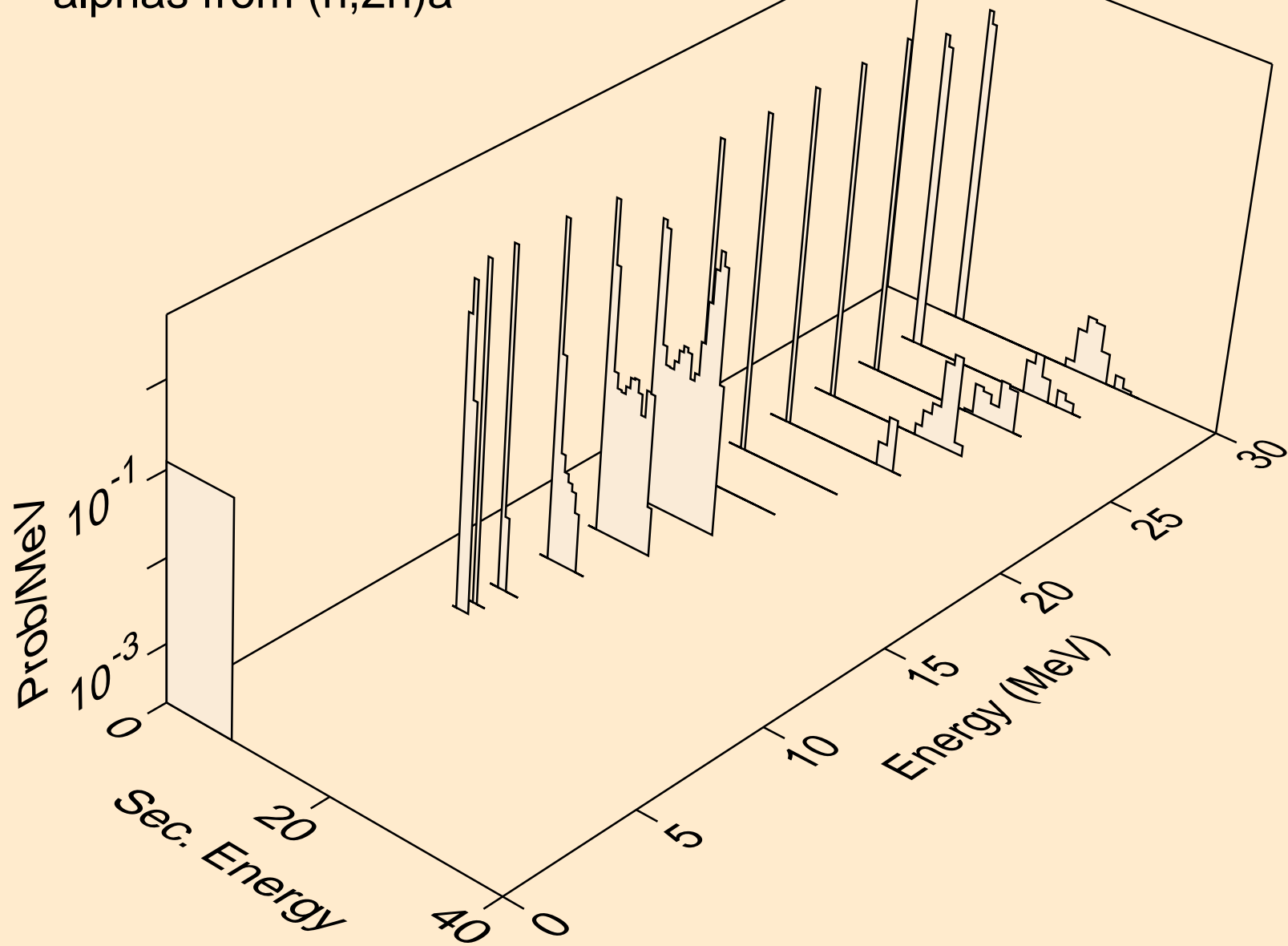
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

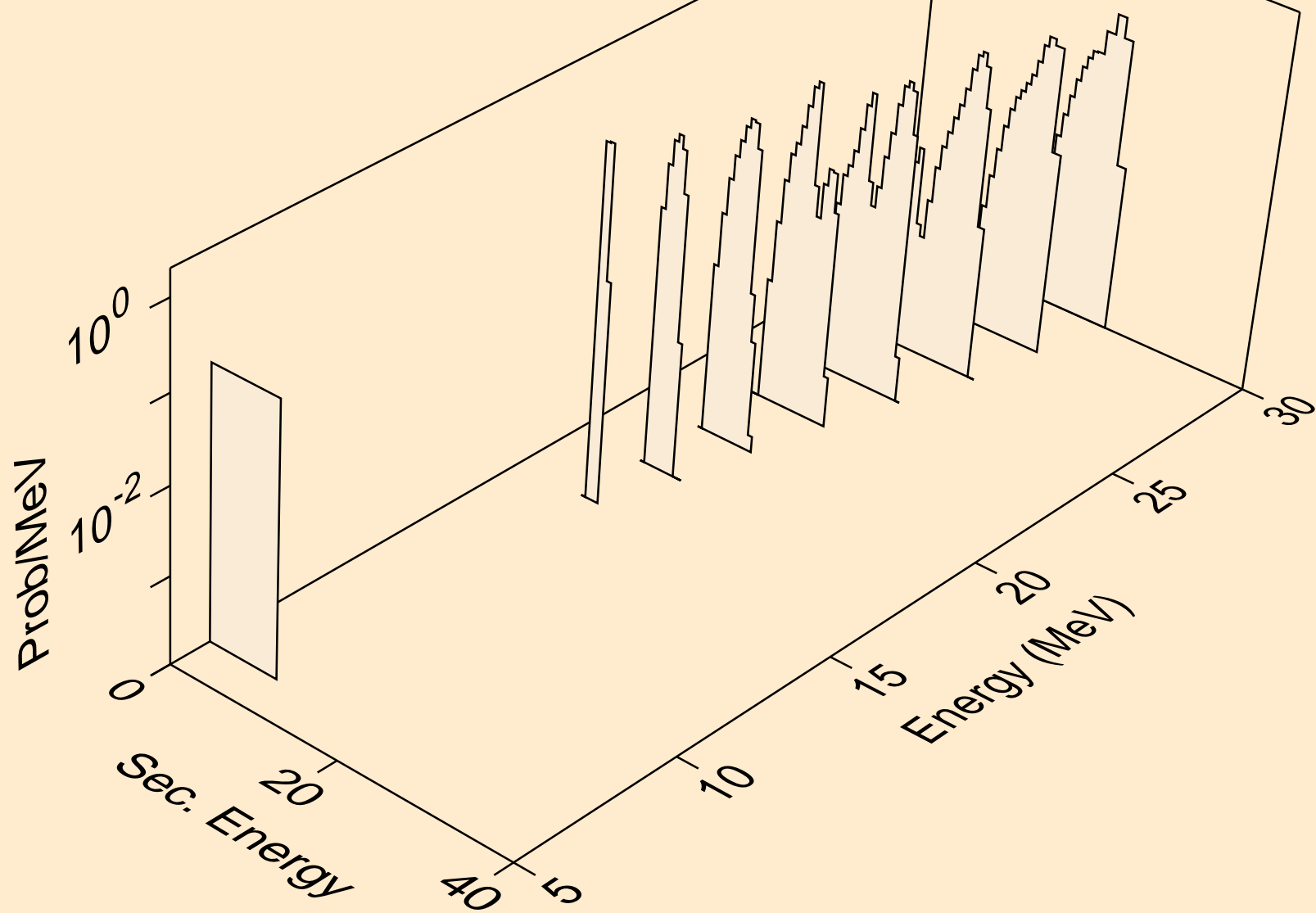


CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

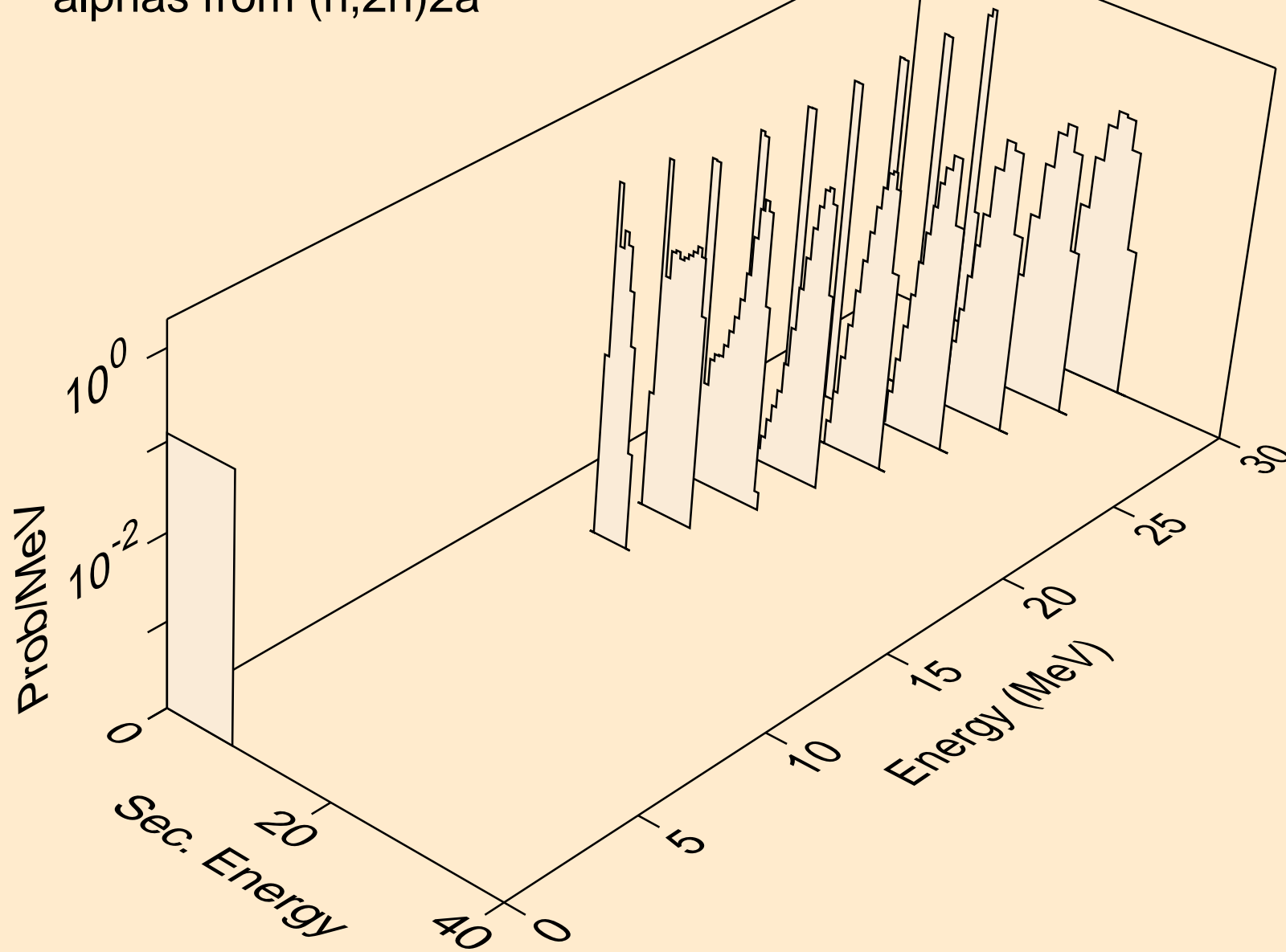




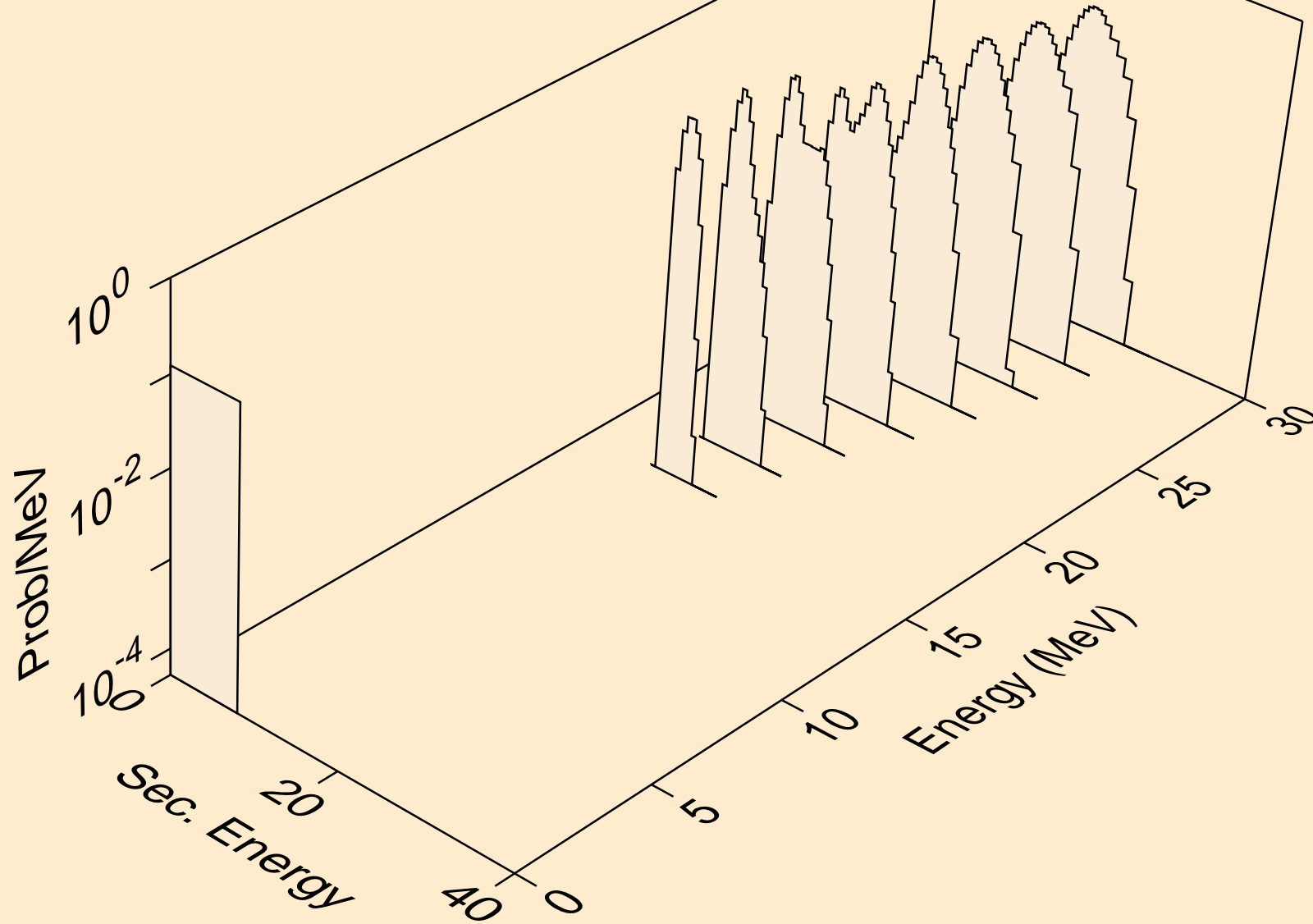
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



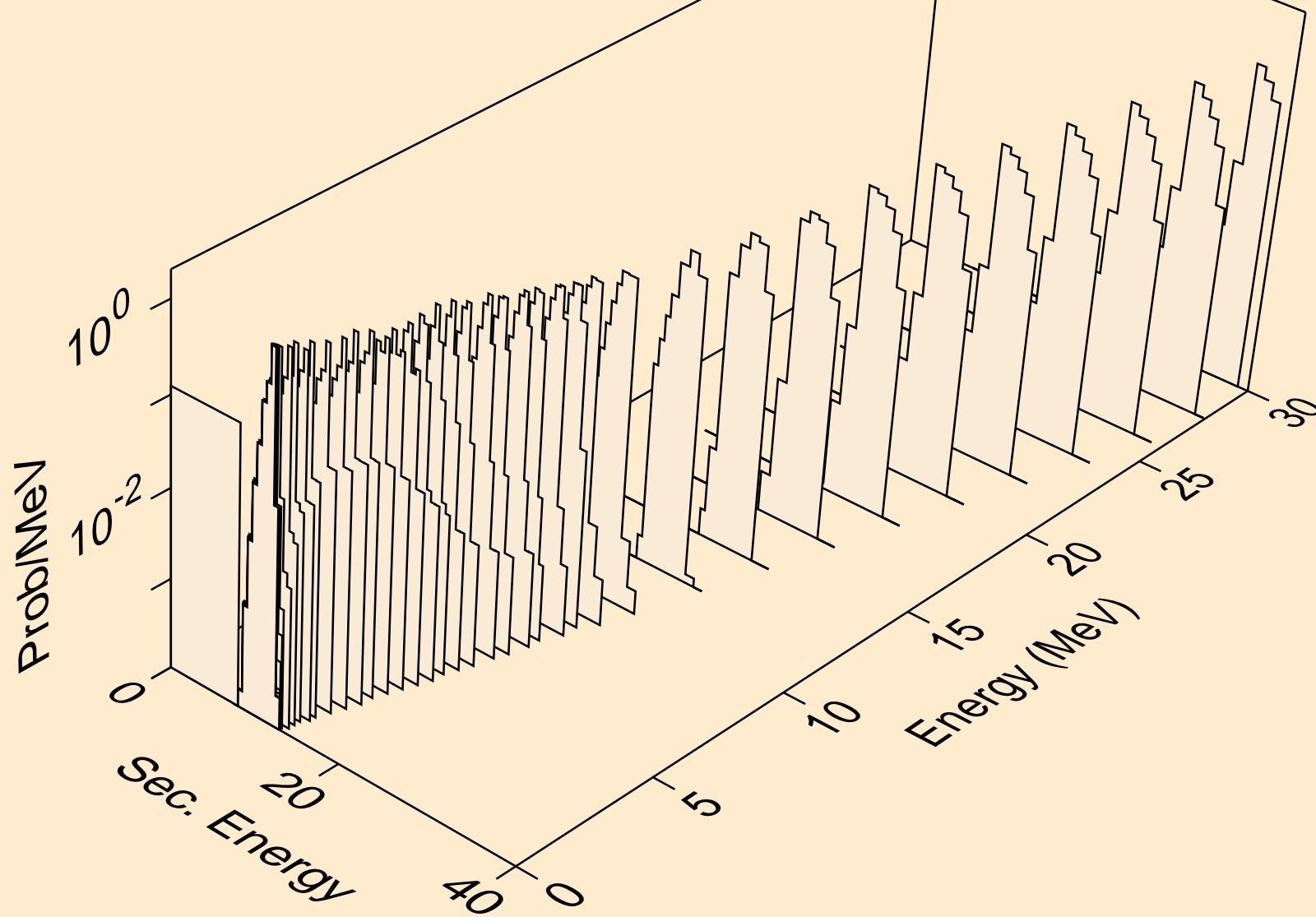
CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



CF247 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,p)

