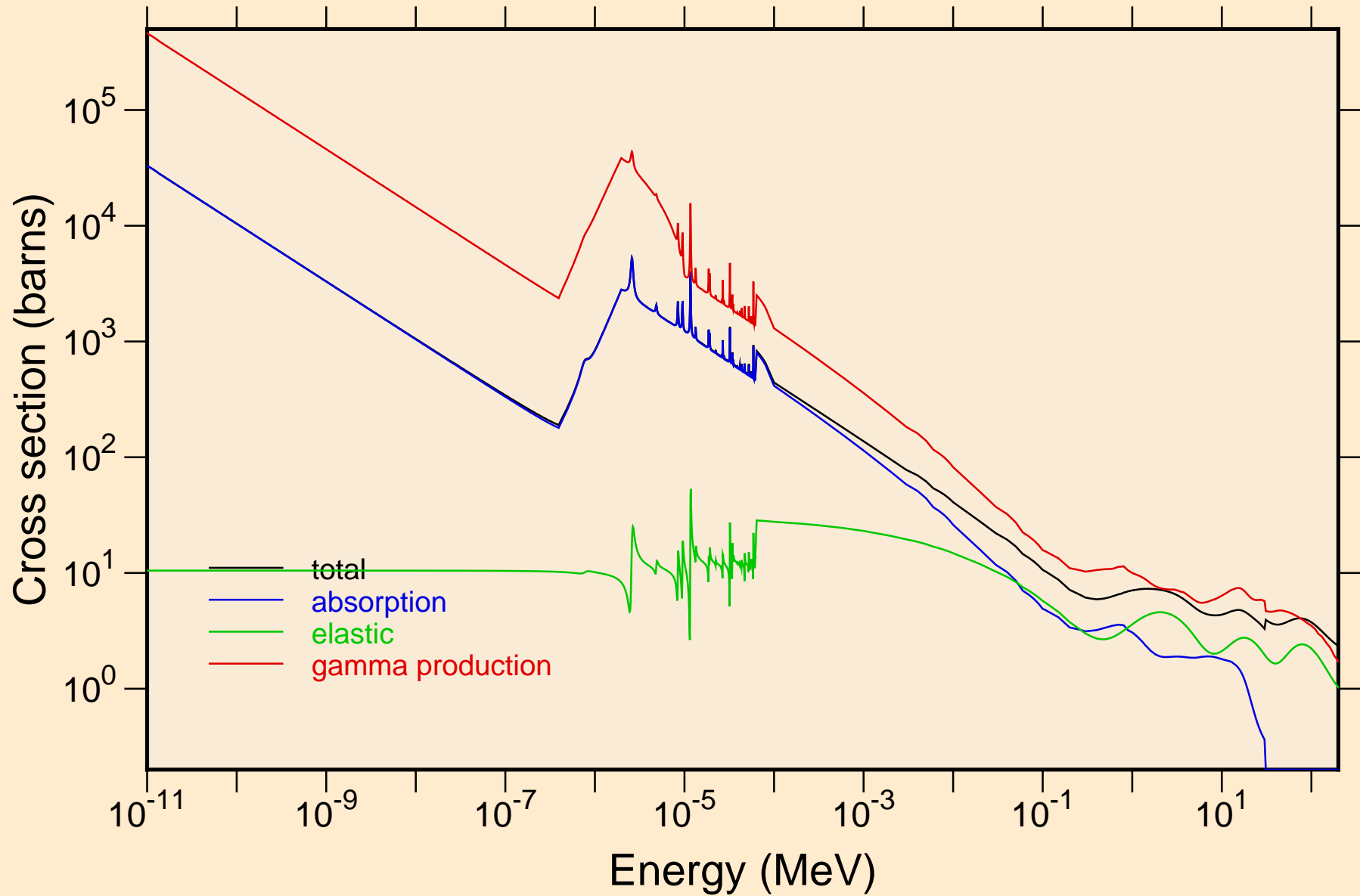
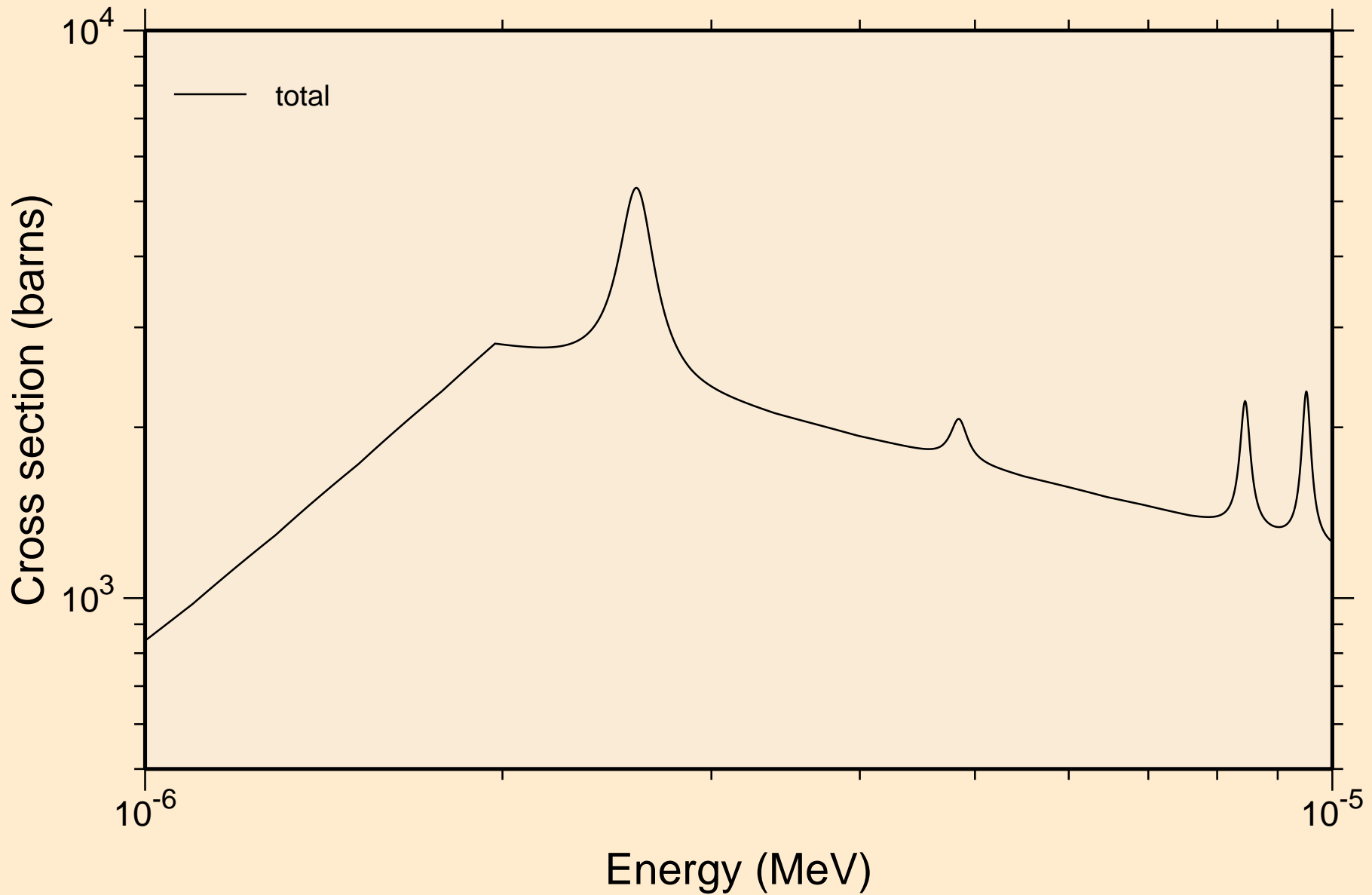


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

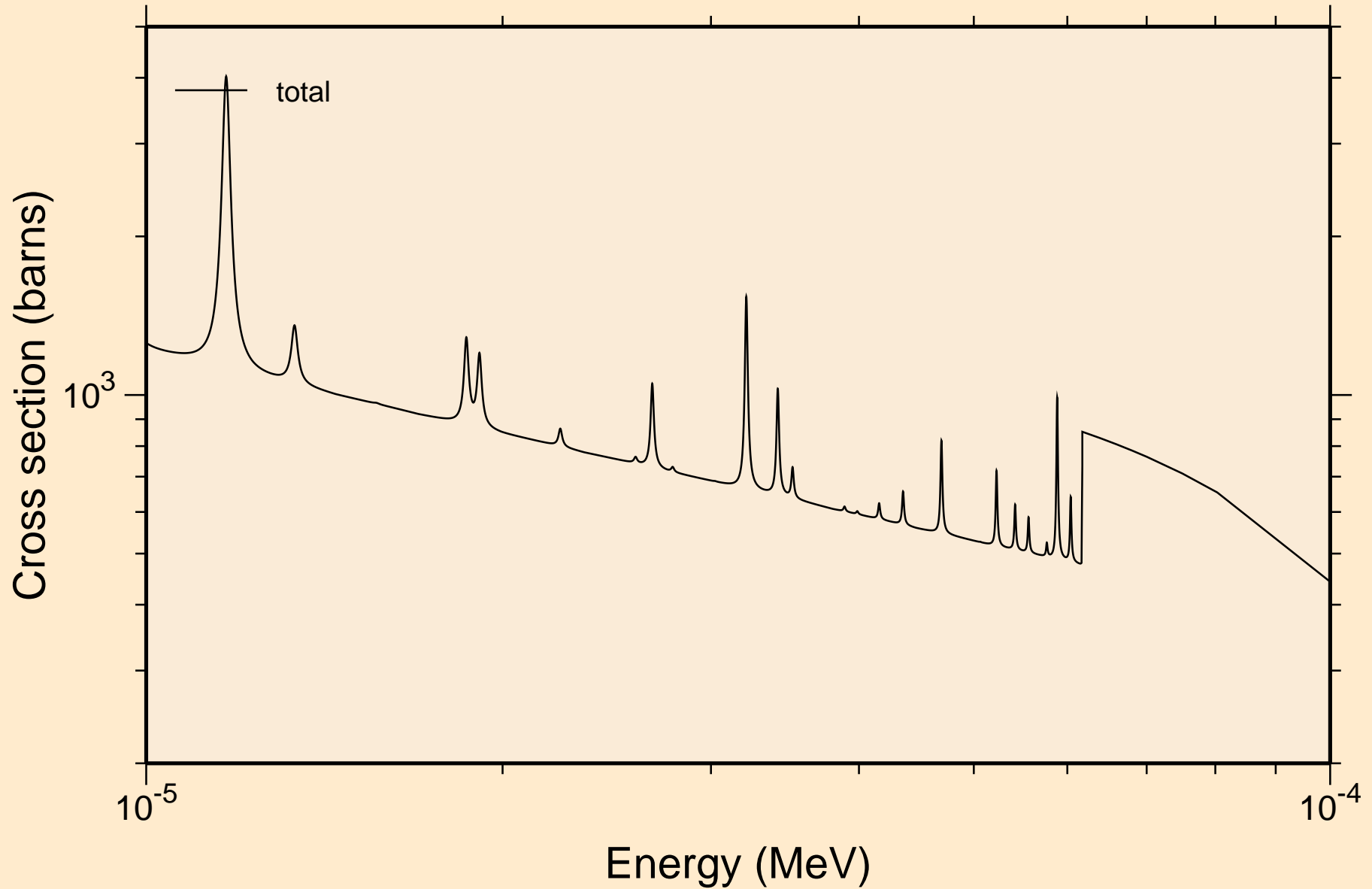
## Principal cross sections



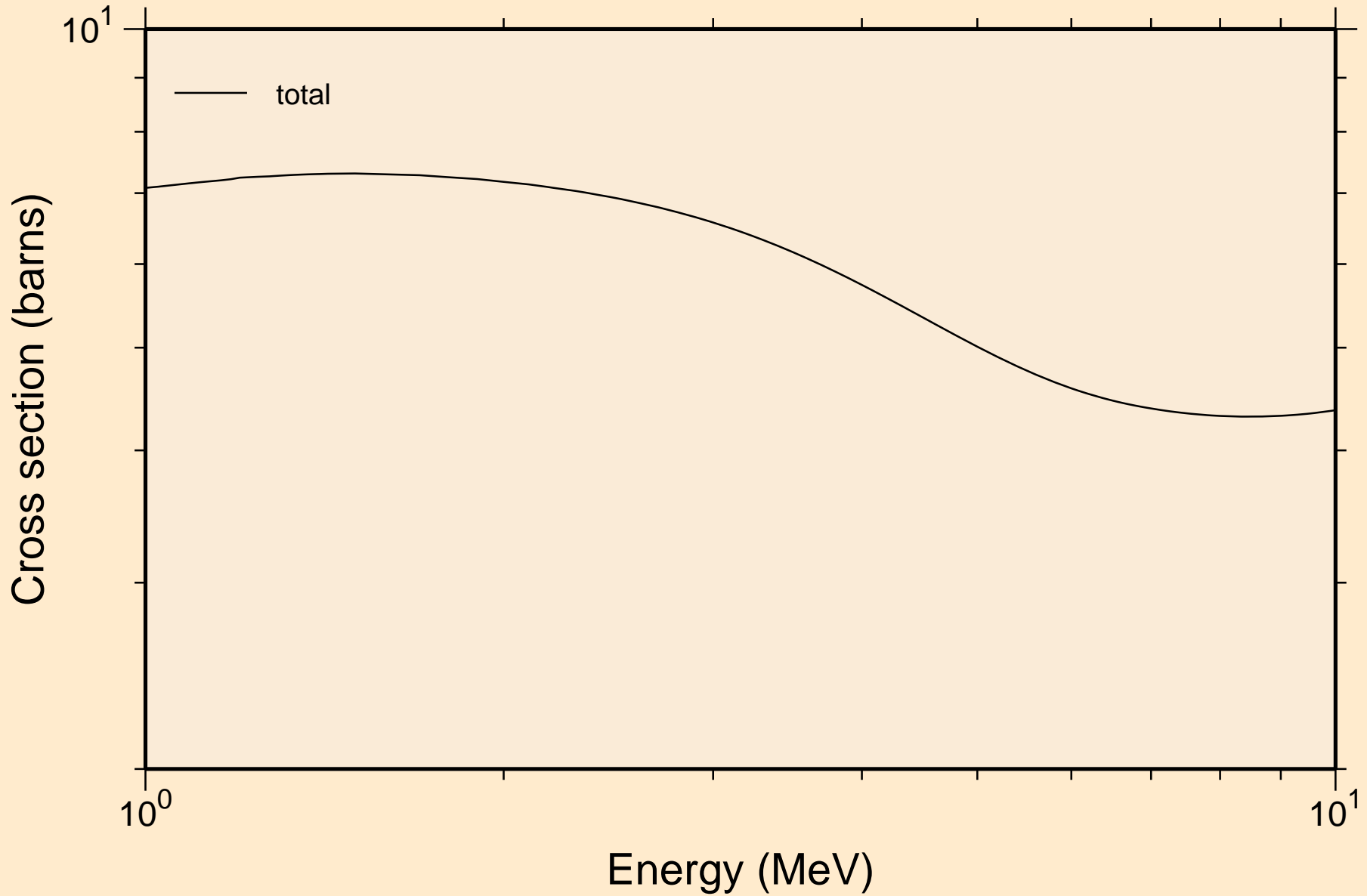
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



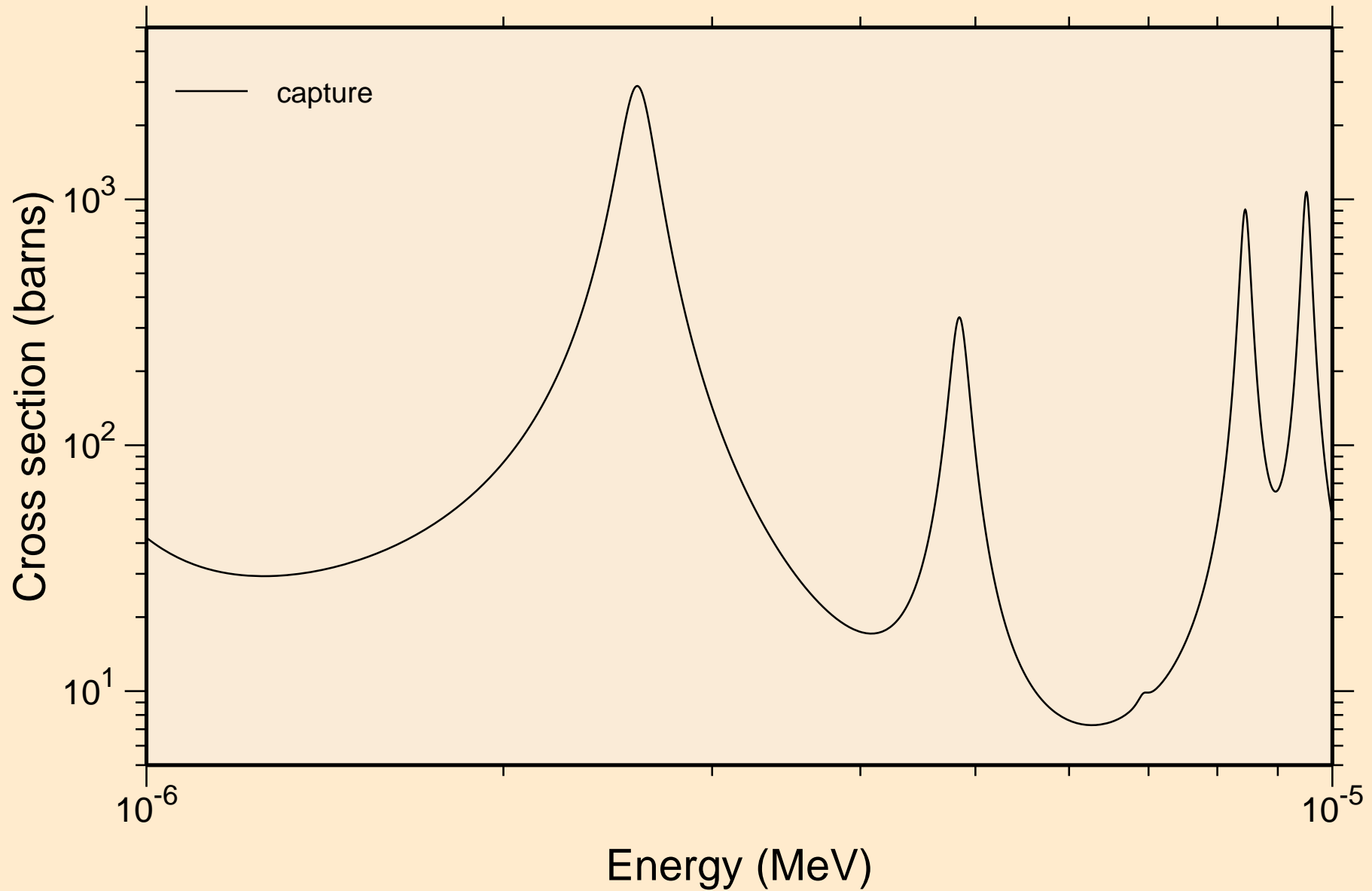
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



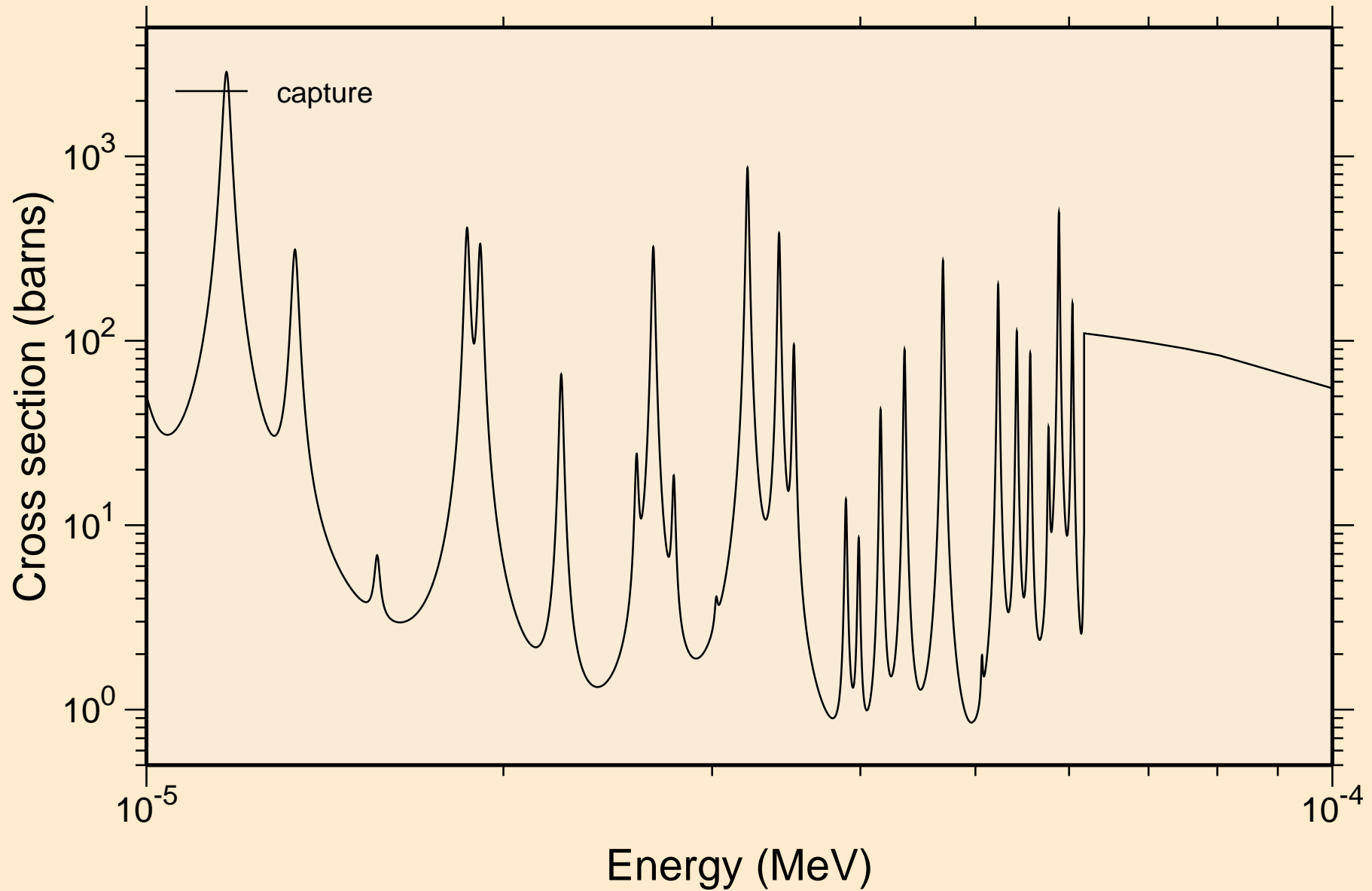
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



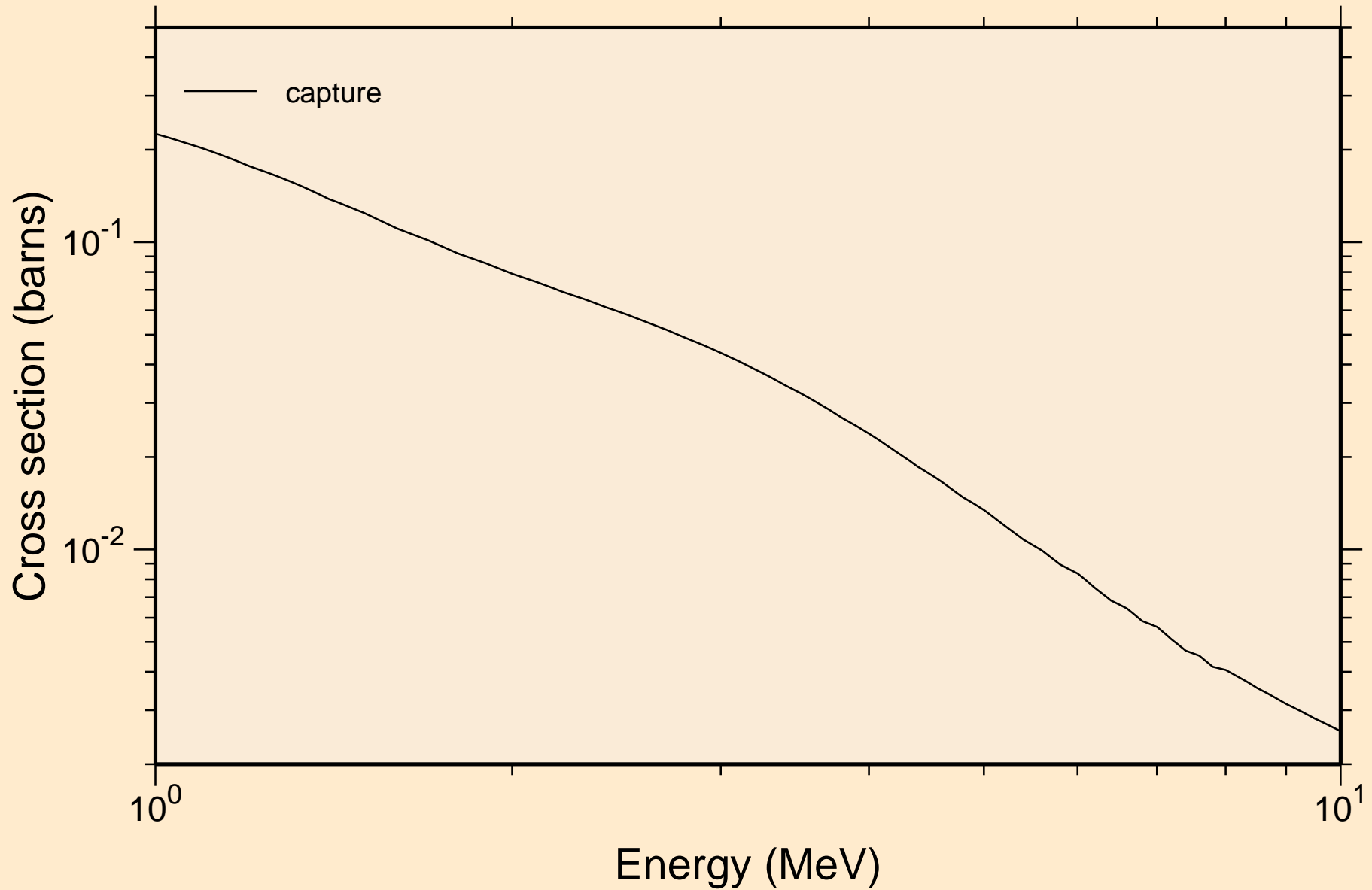
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

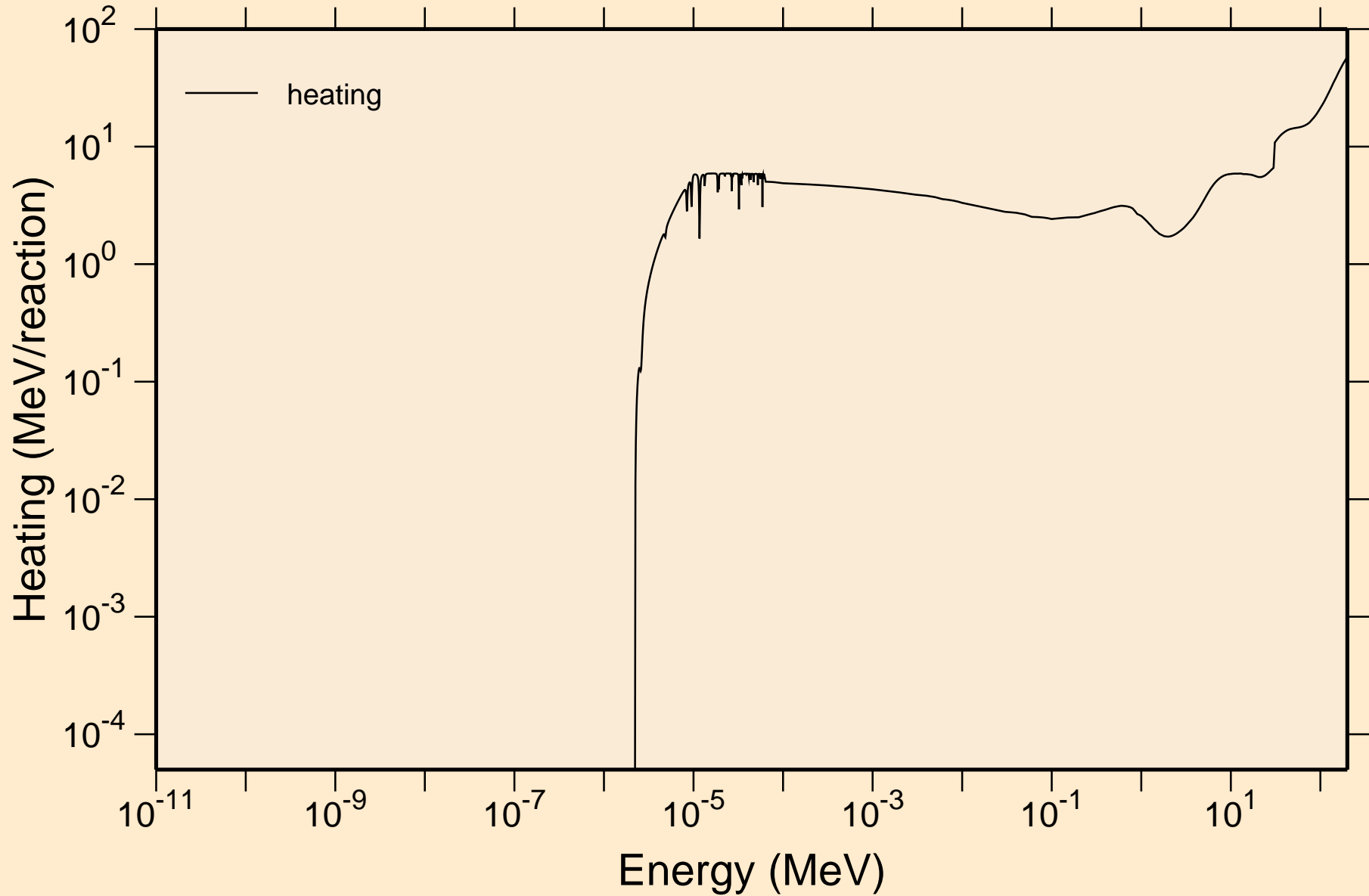


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



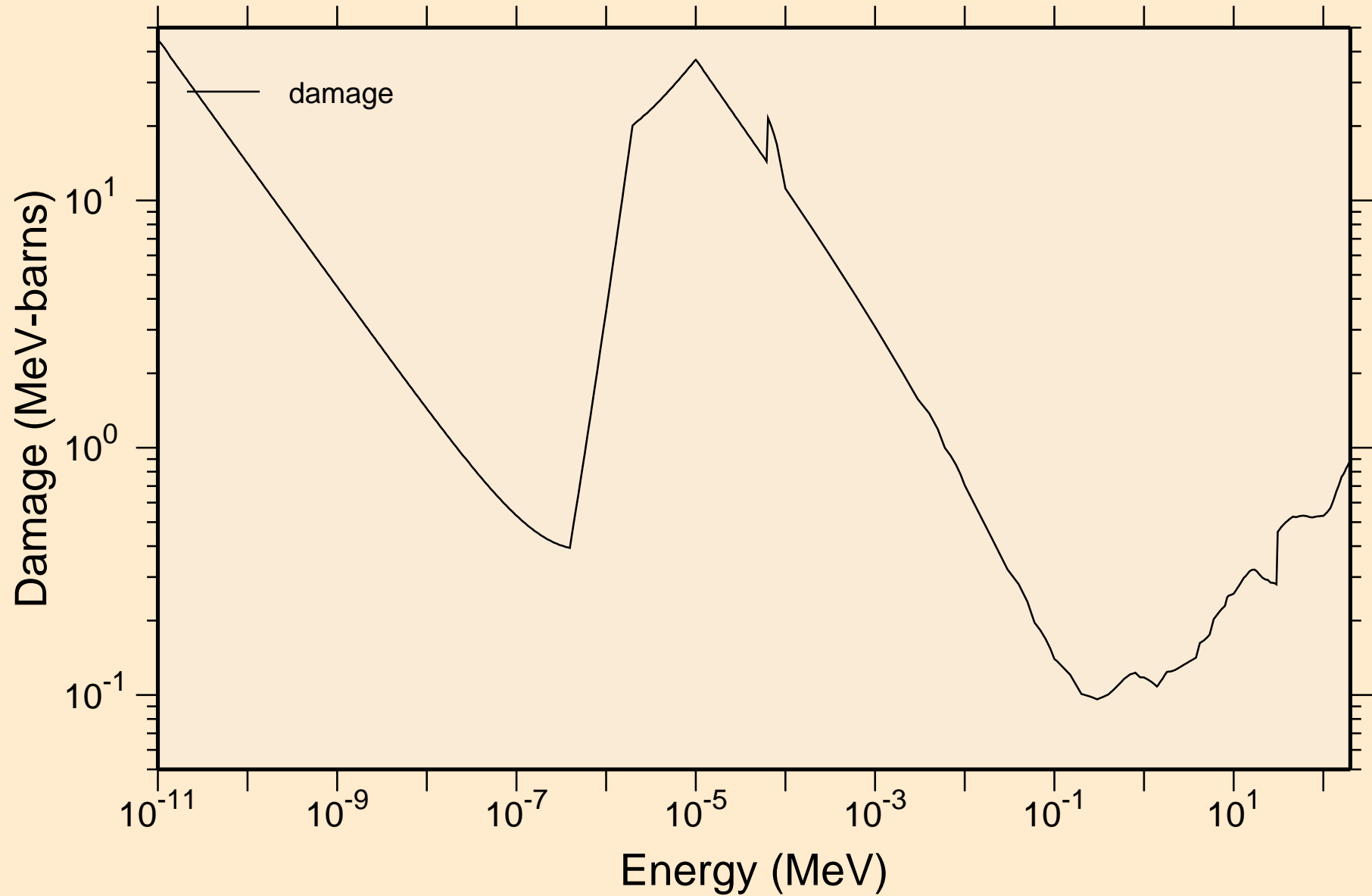
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

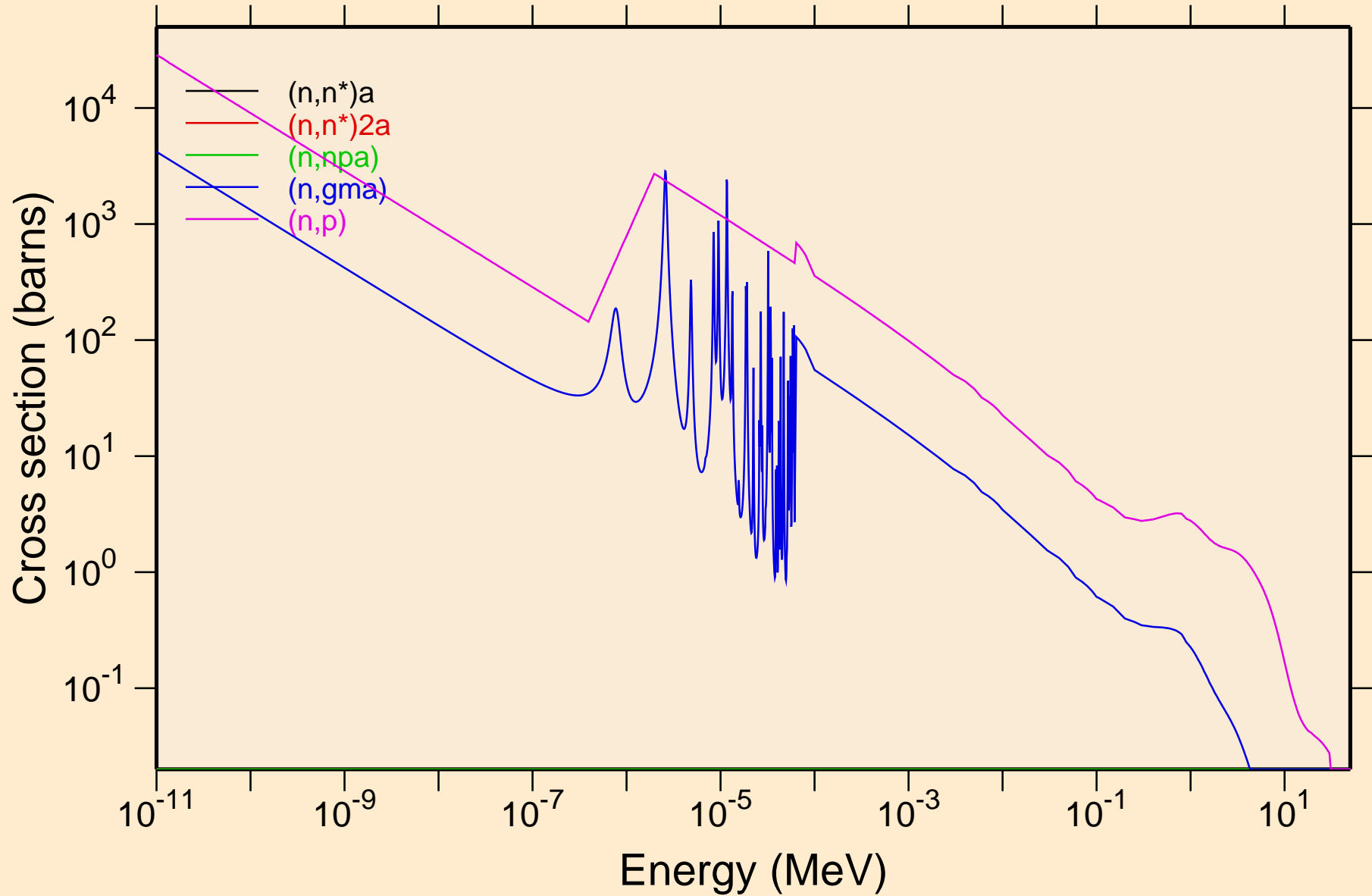




ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

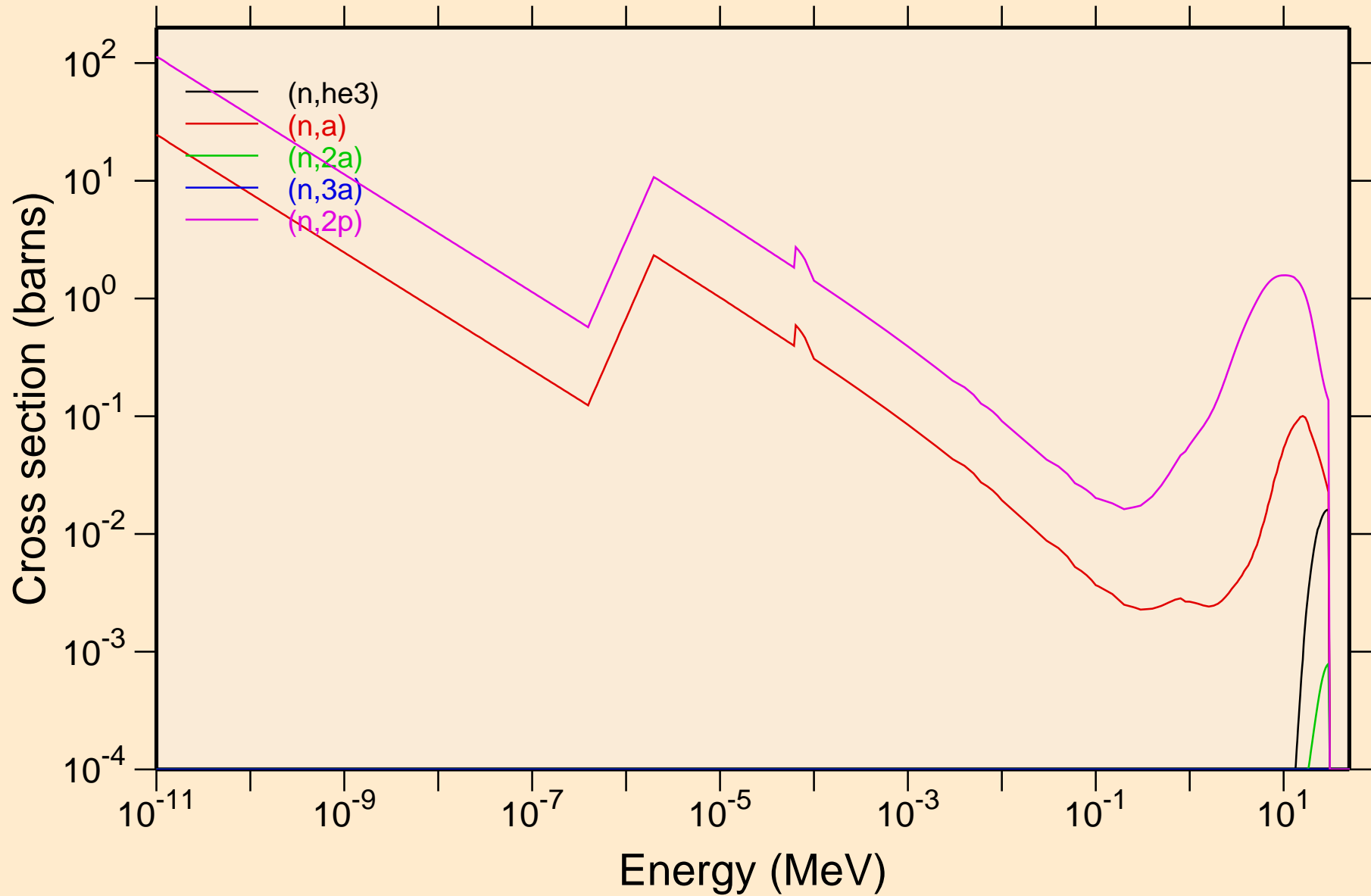


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



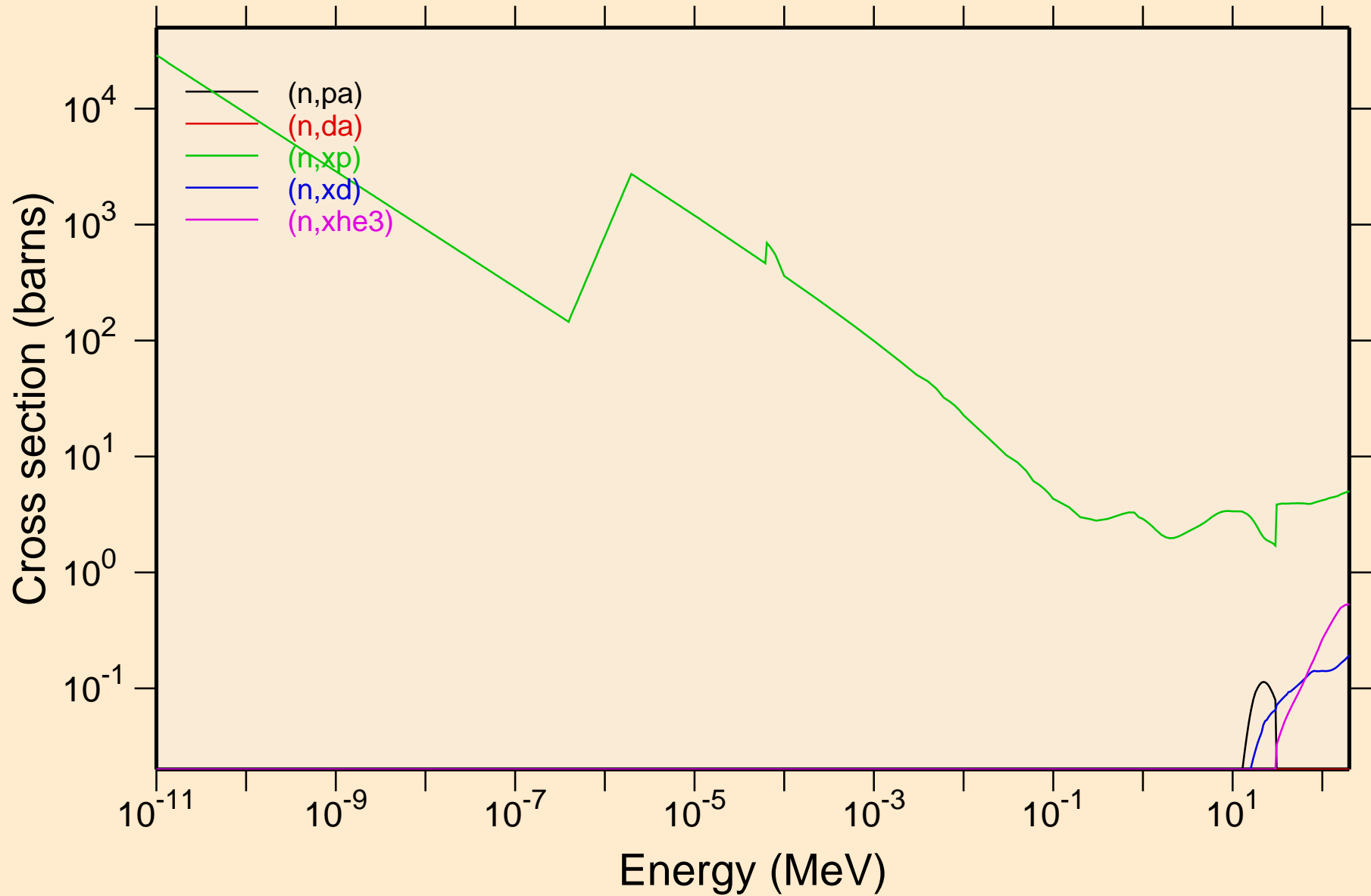
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

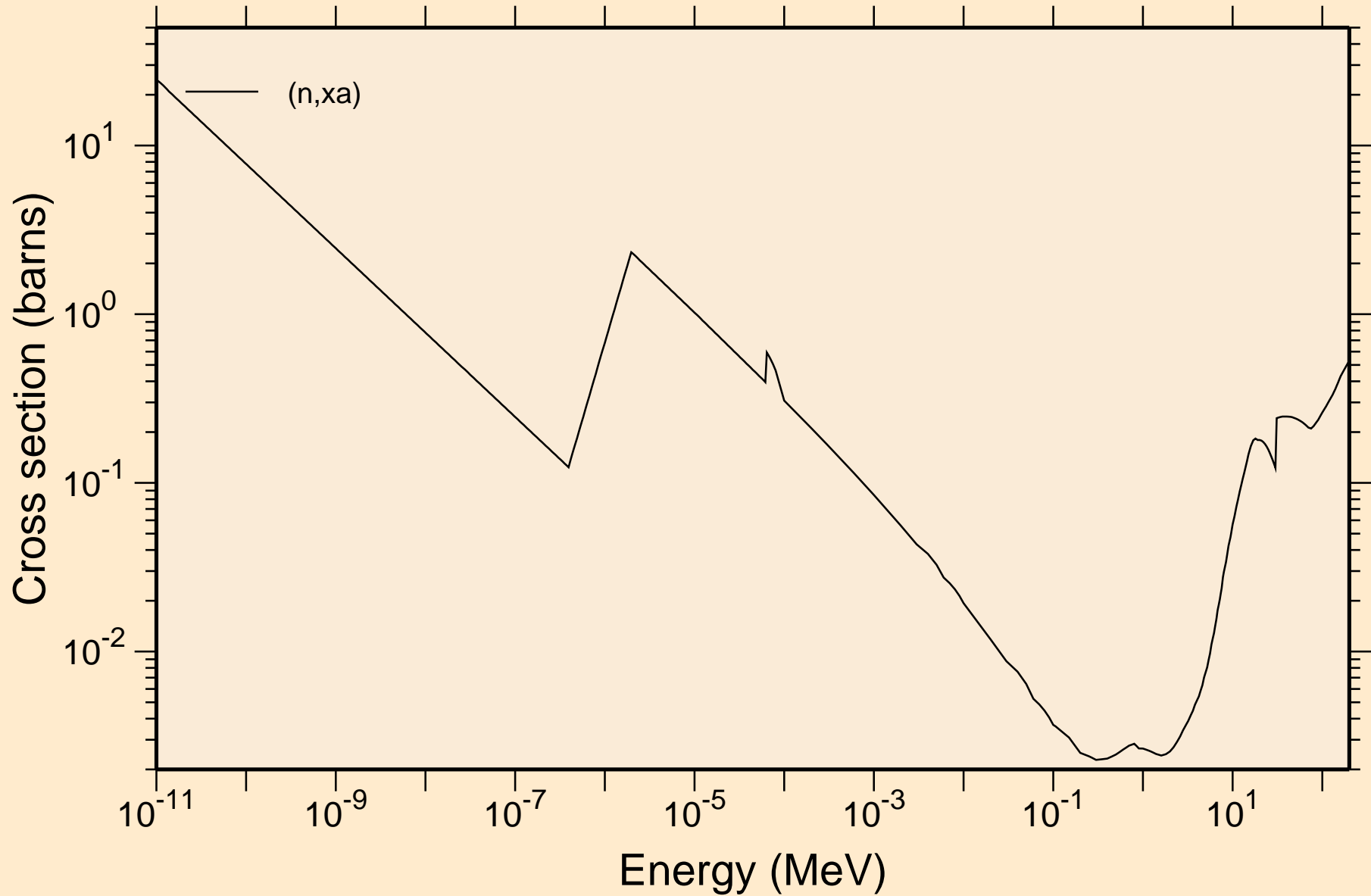


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

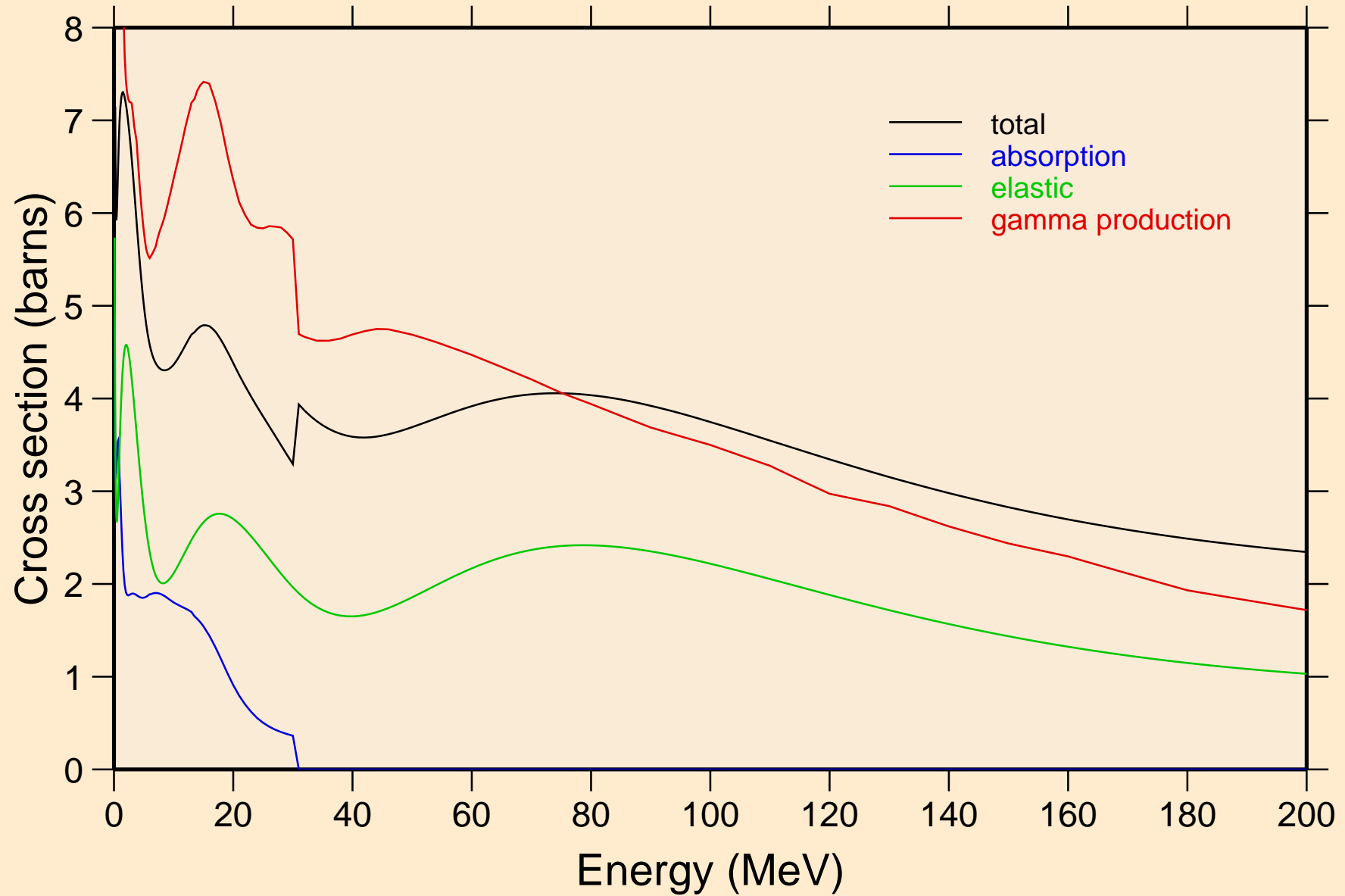


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



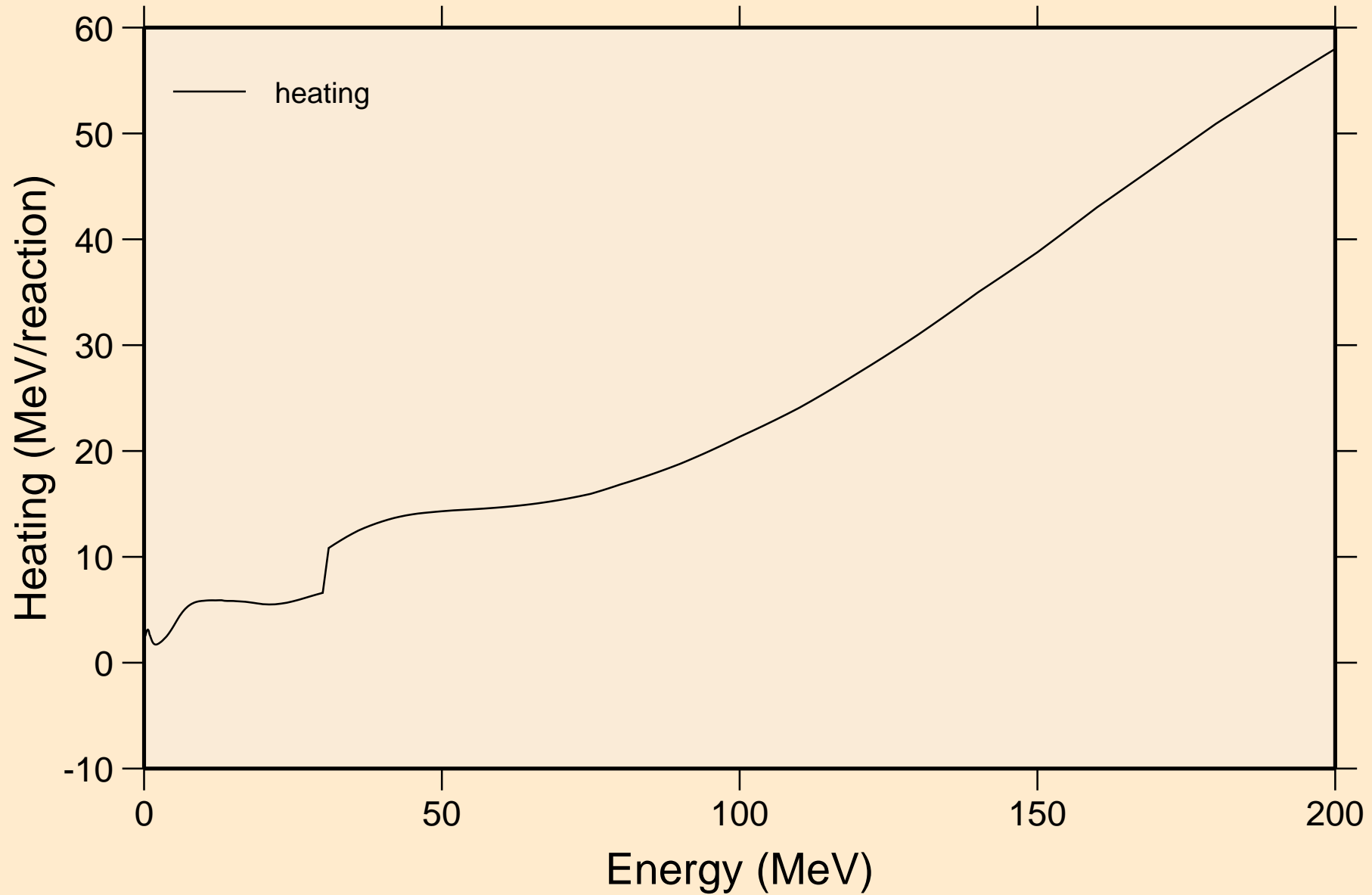
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



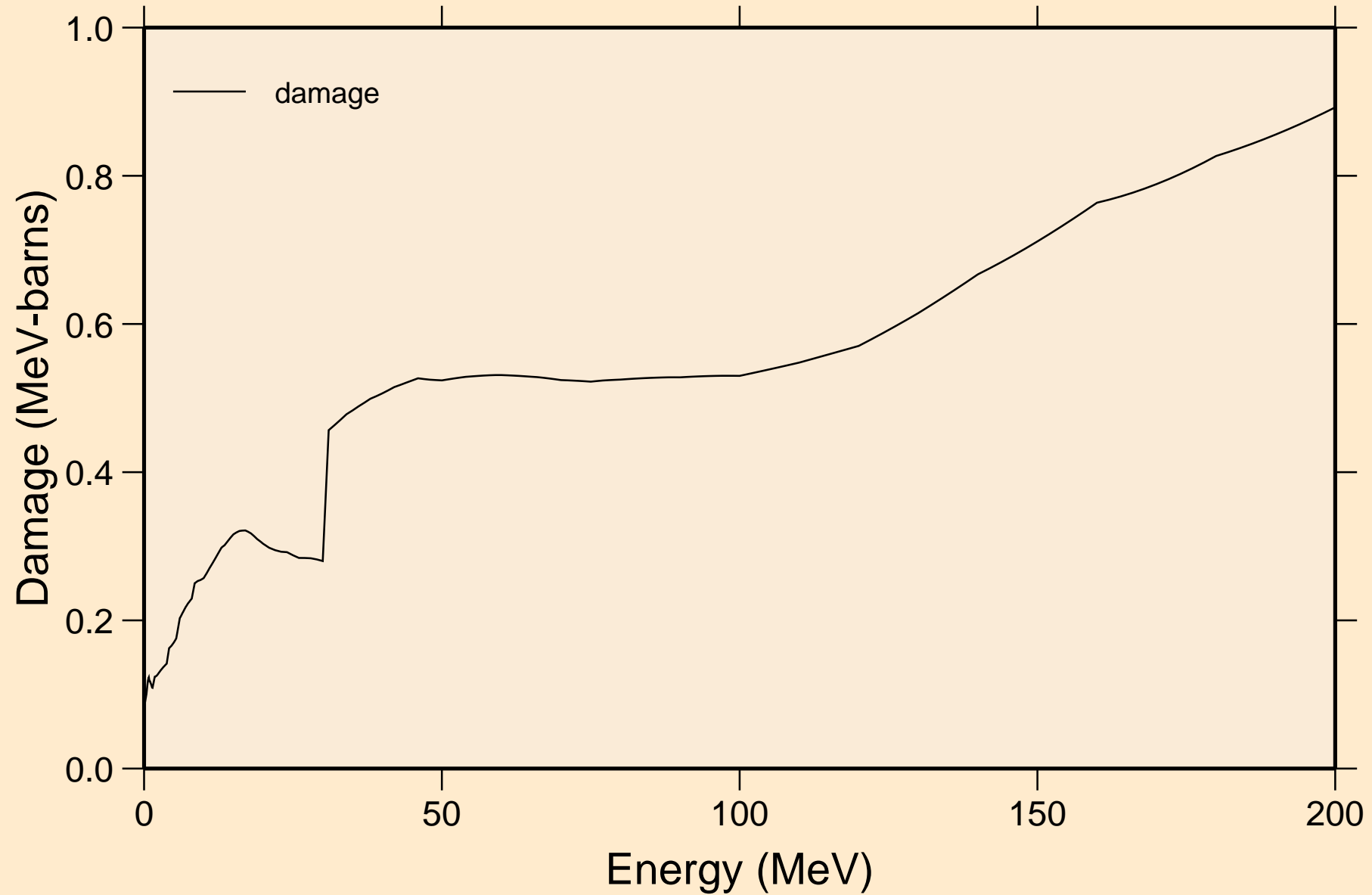
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

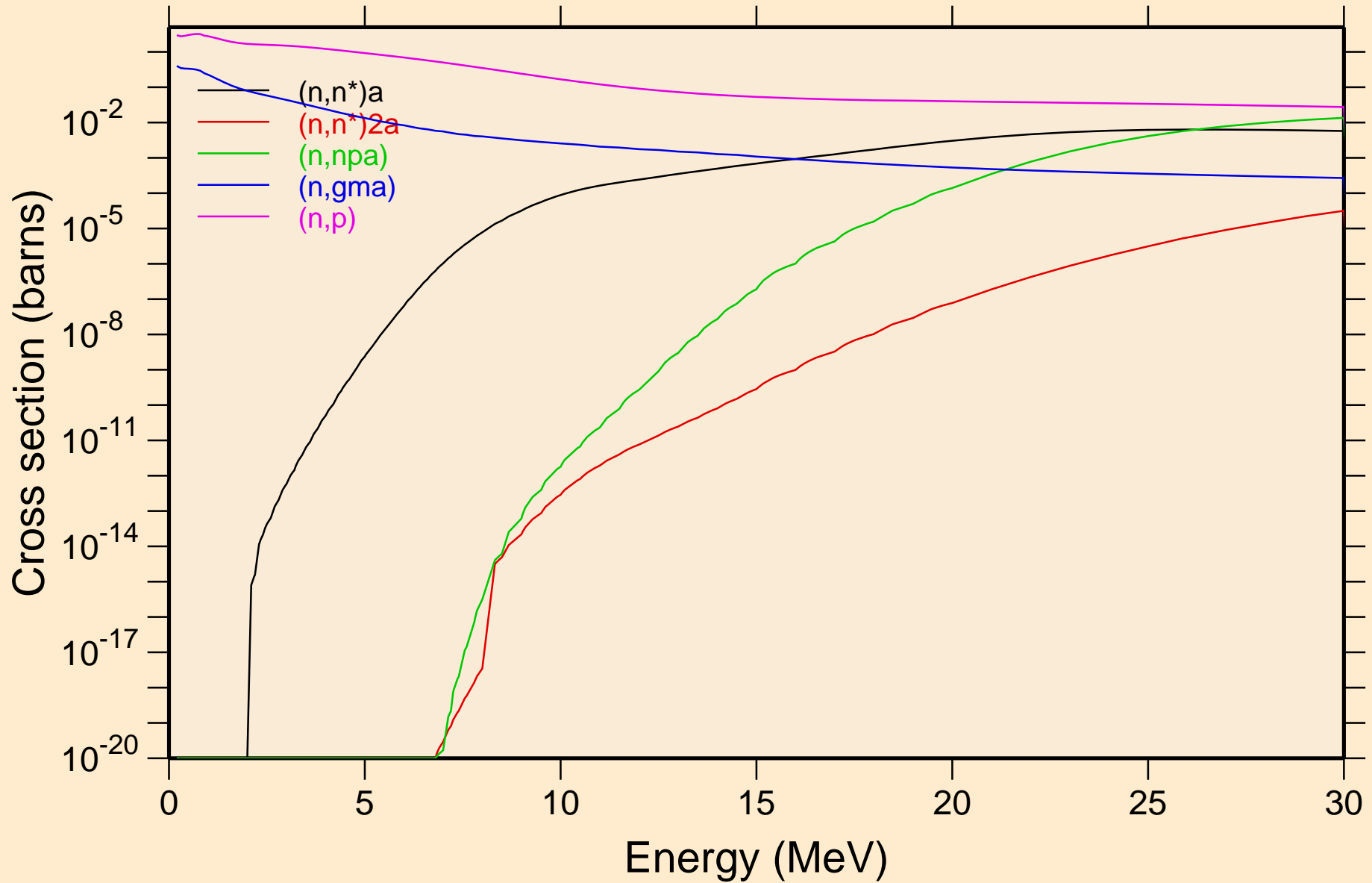
## Damage



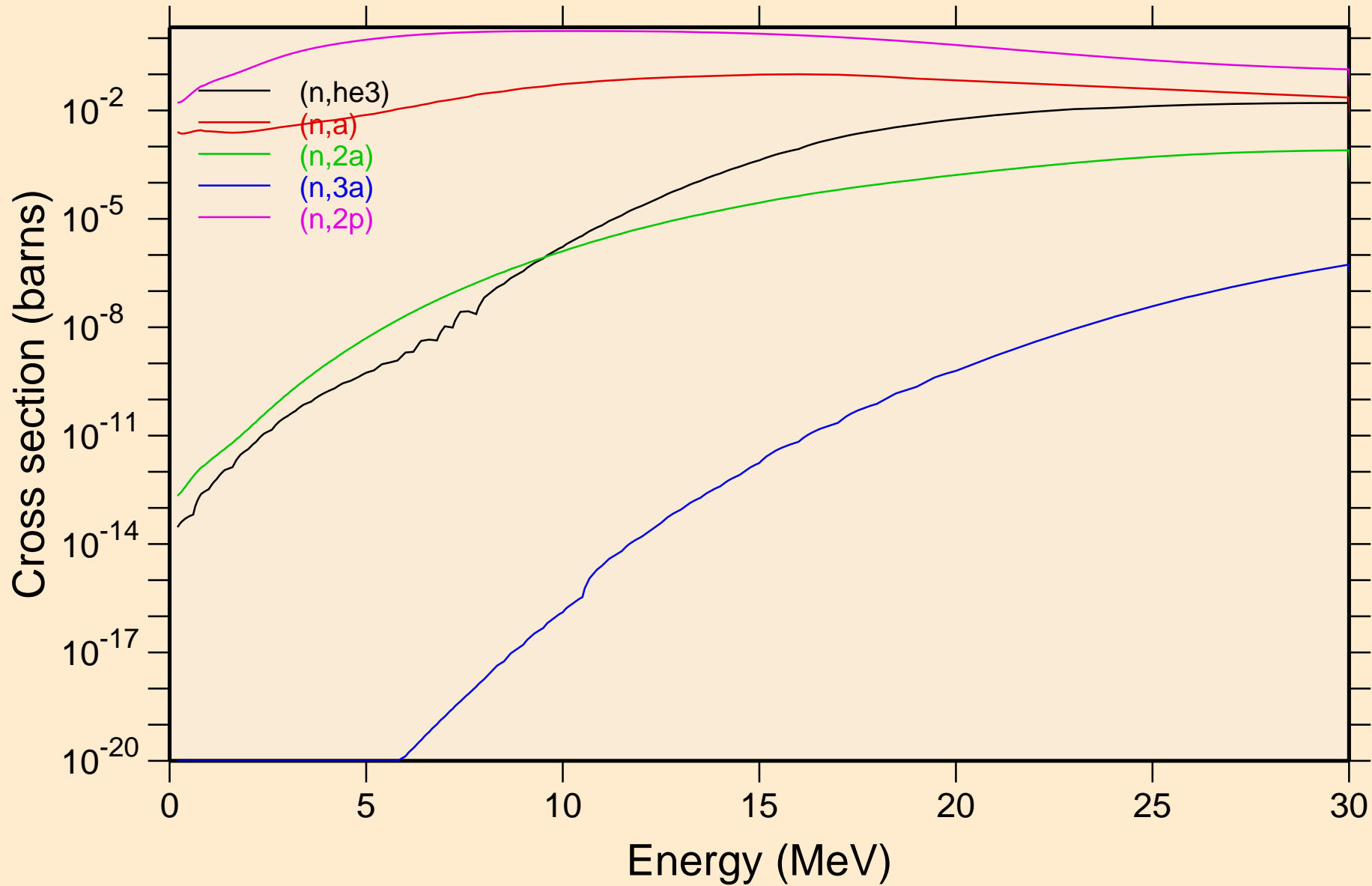


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

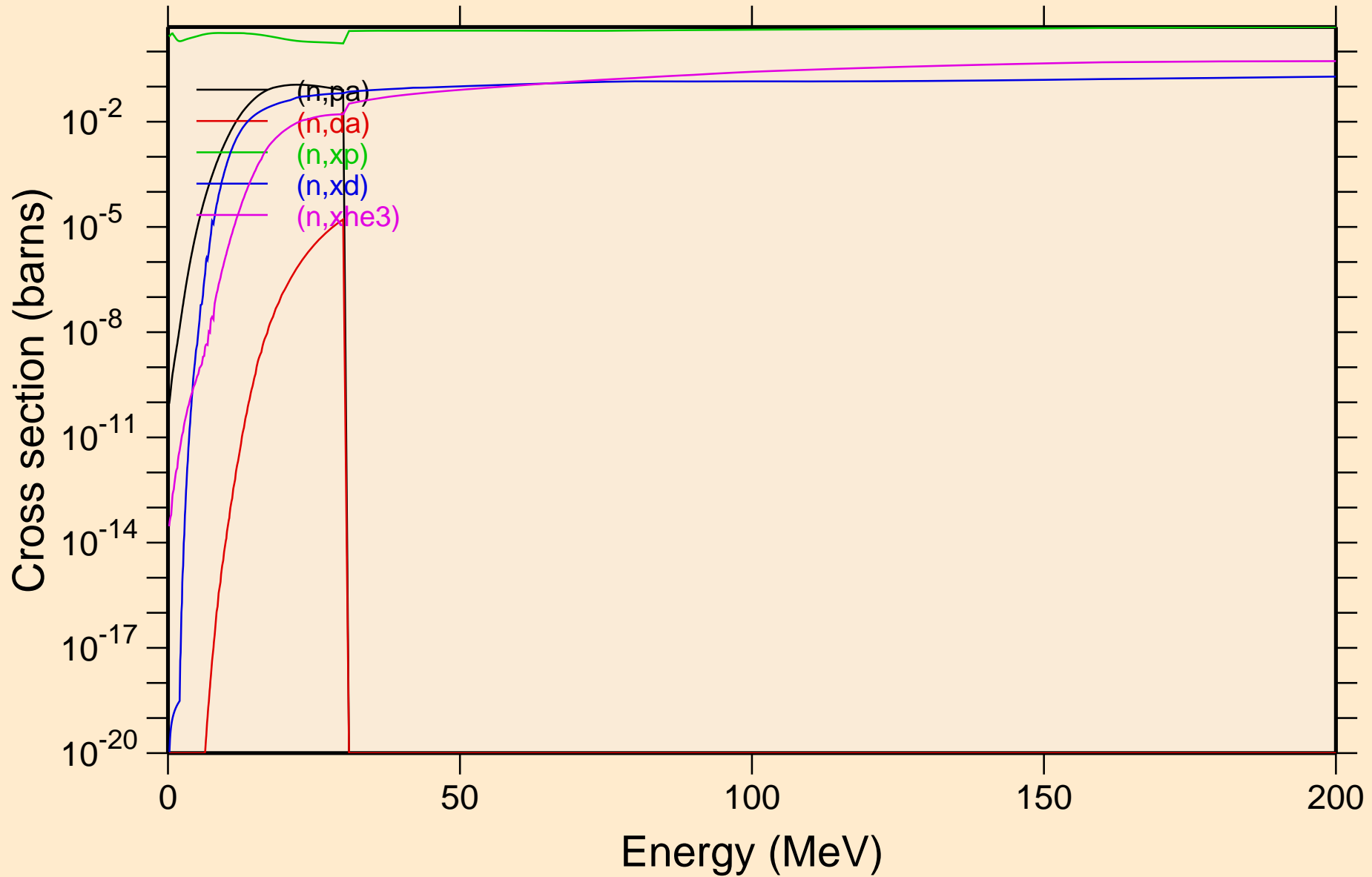
## Non-threshold reactions



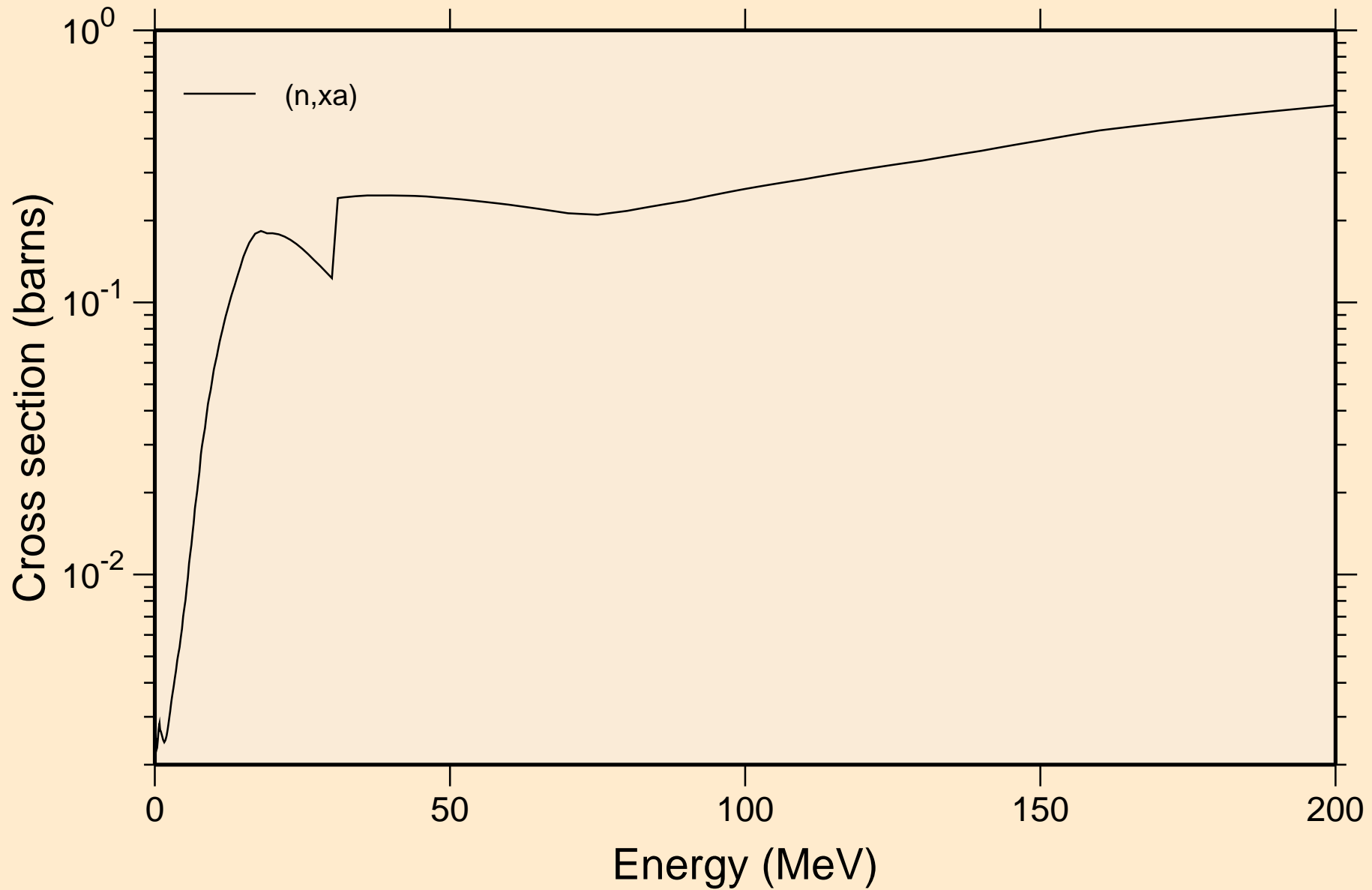
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



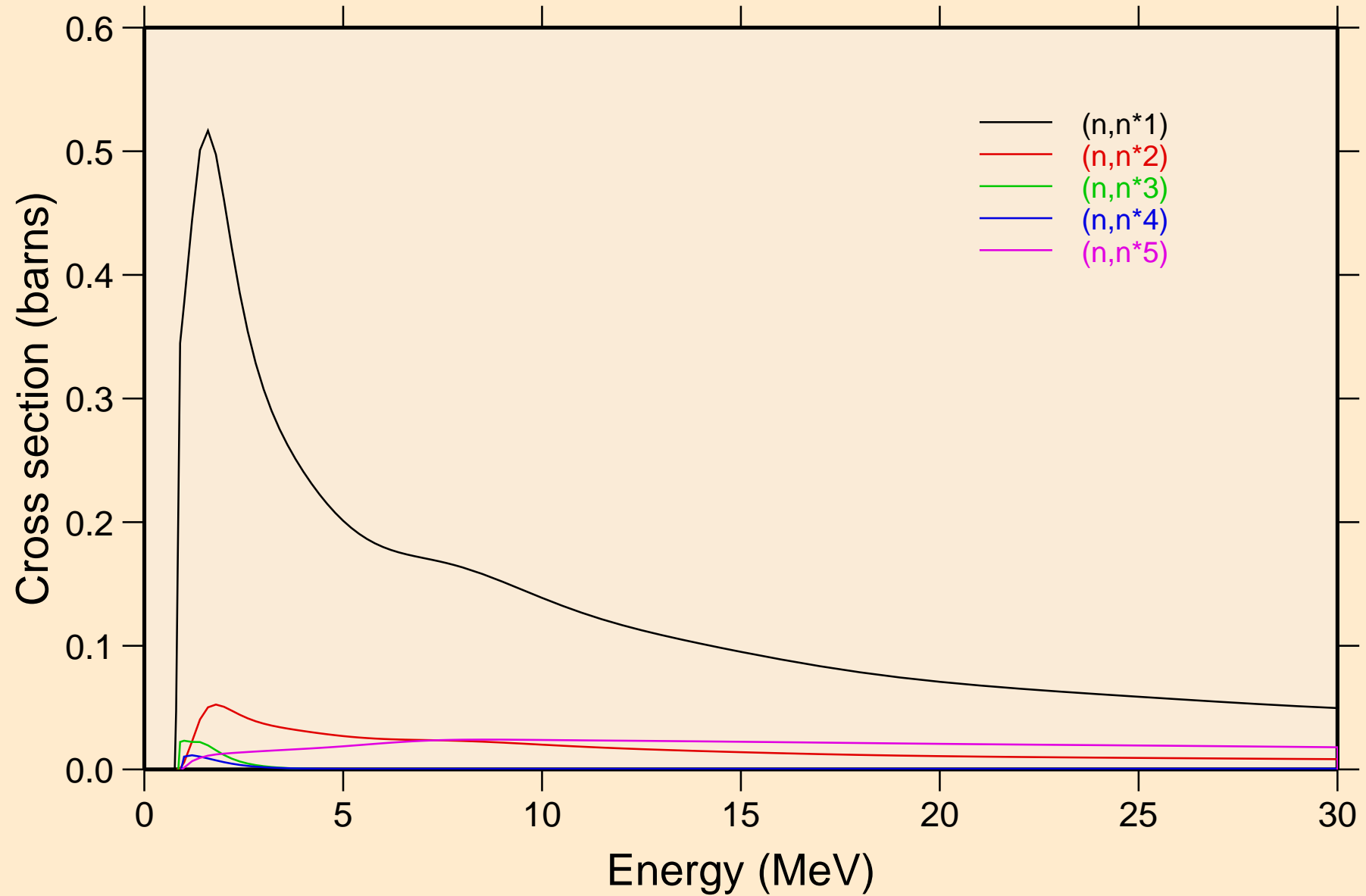
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

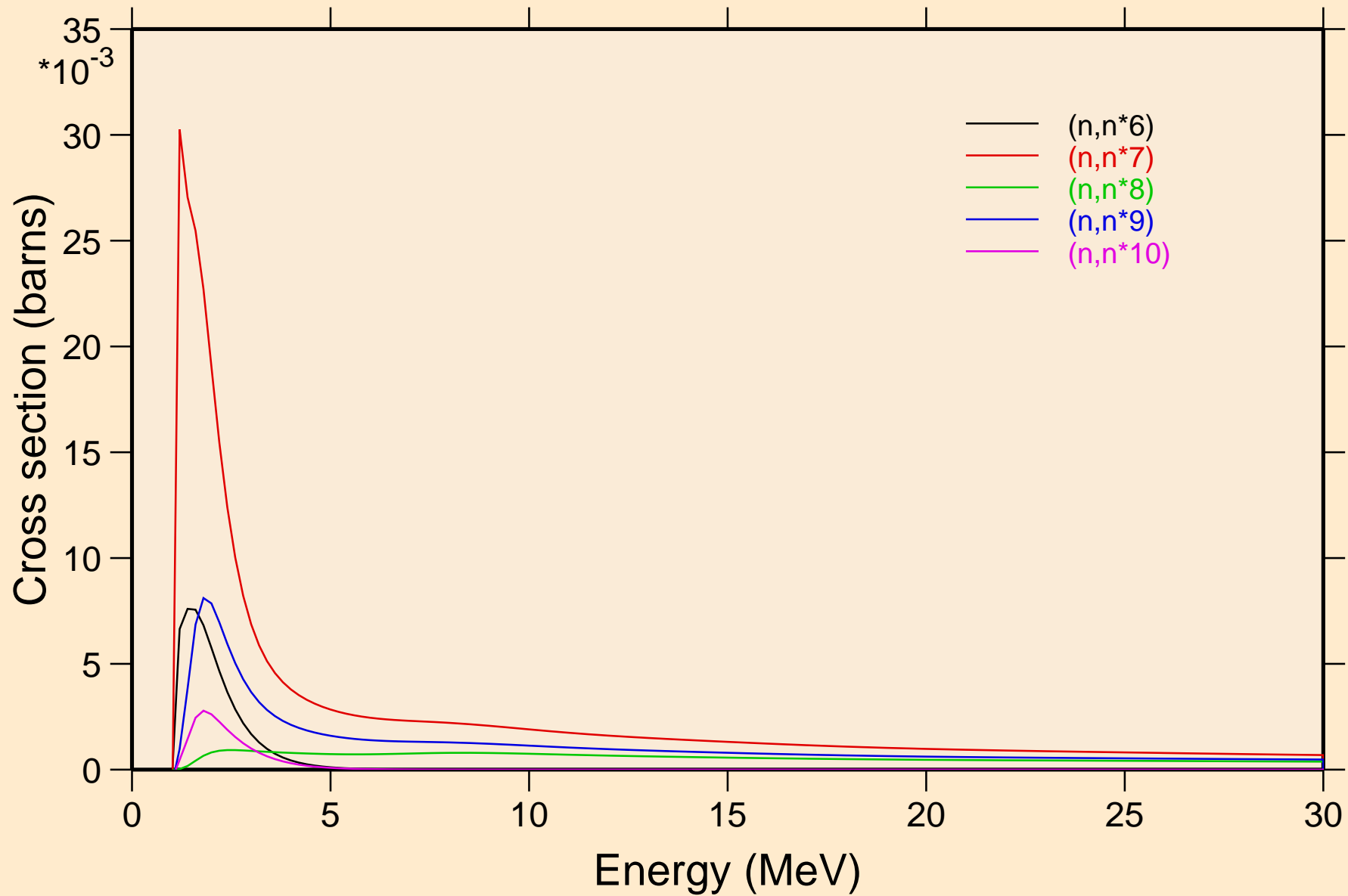


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

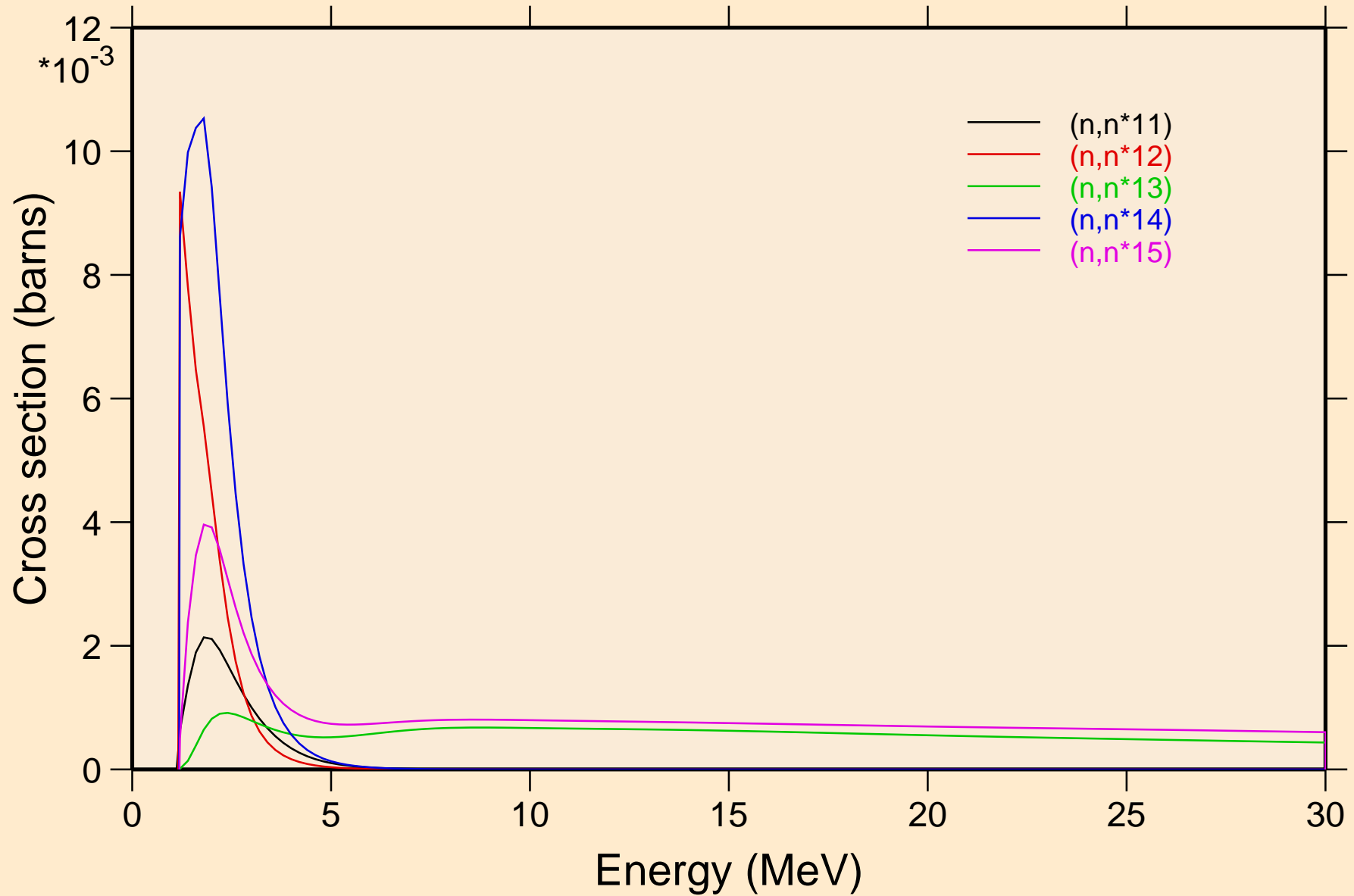


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

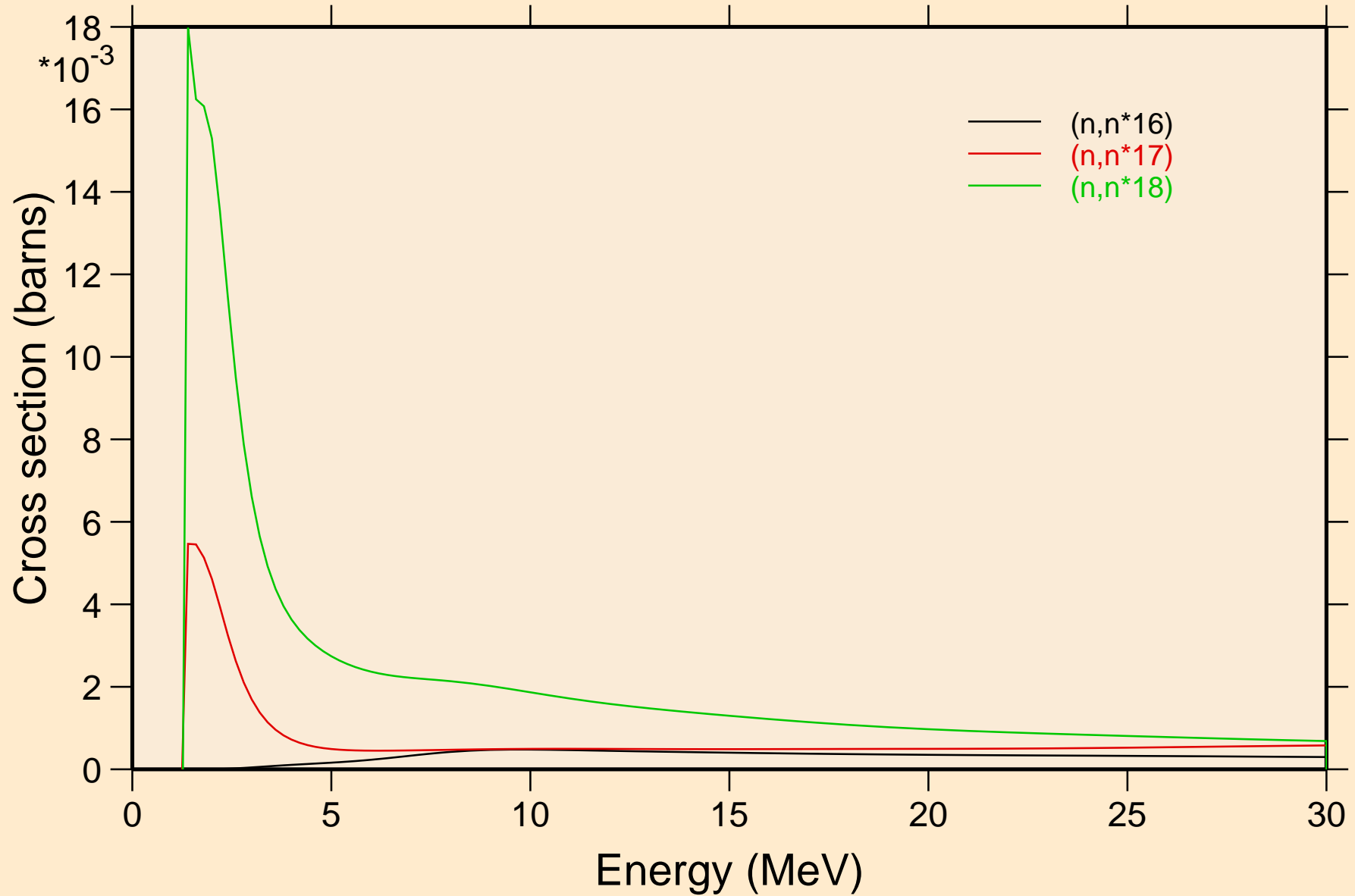
## Inelastic levels



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



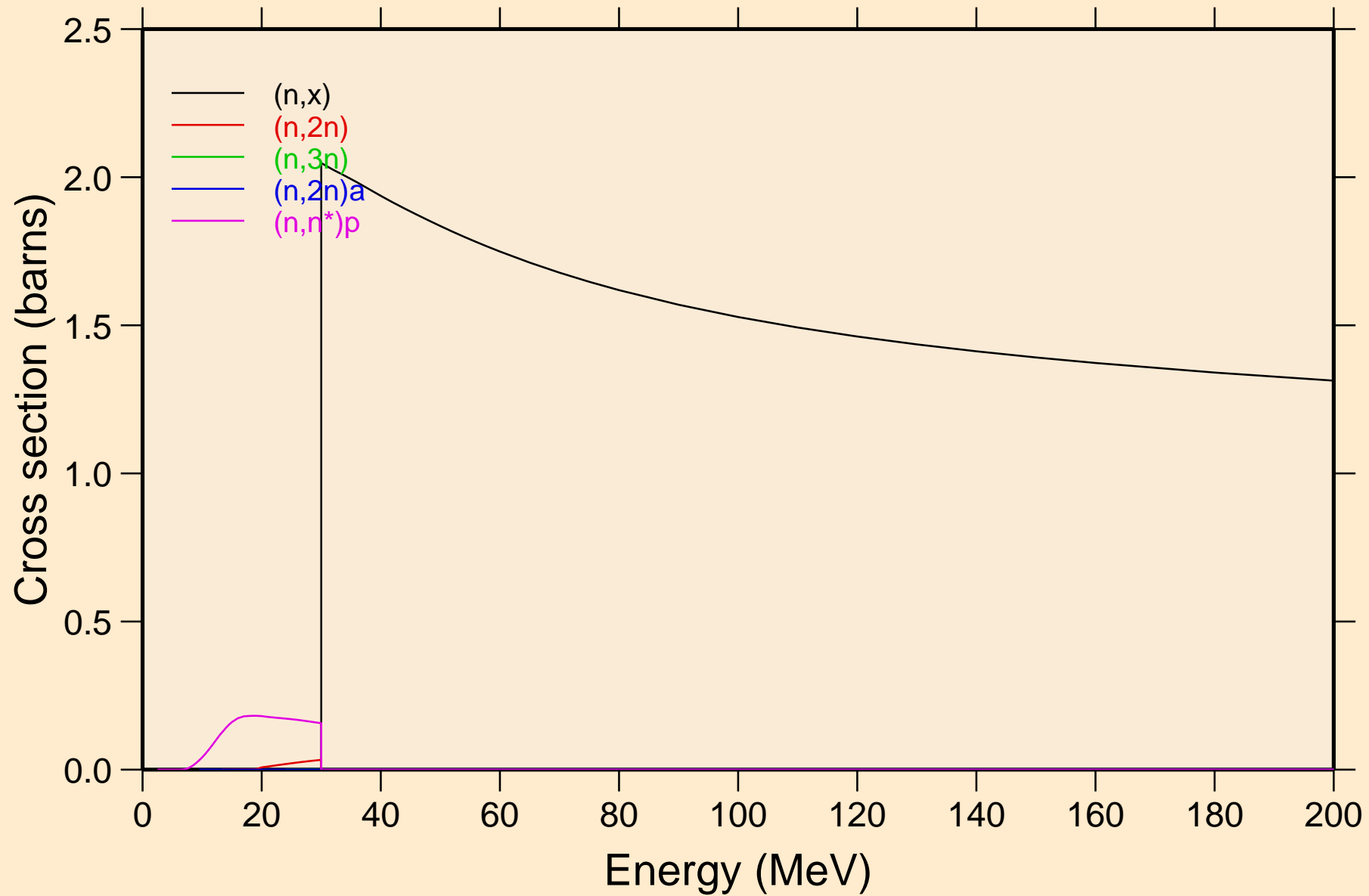
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





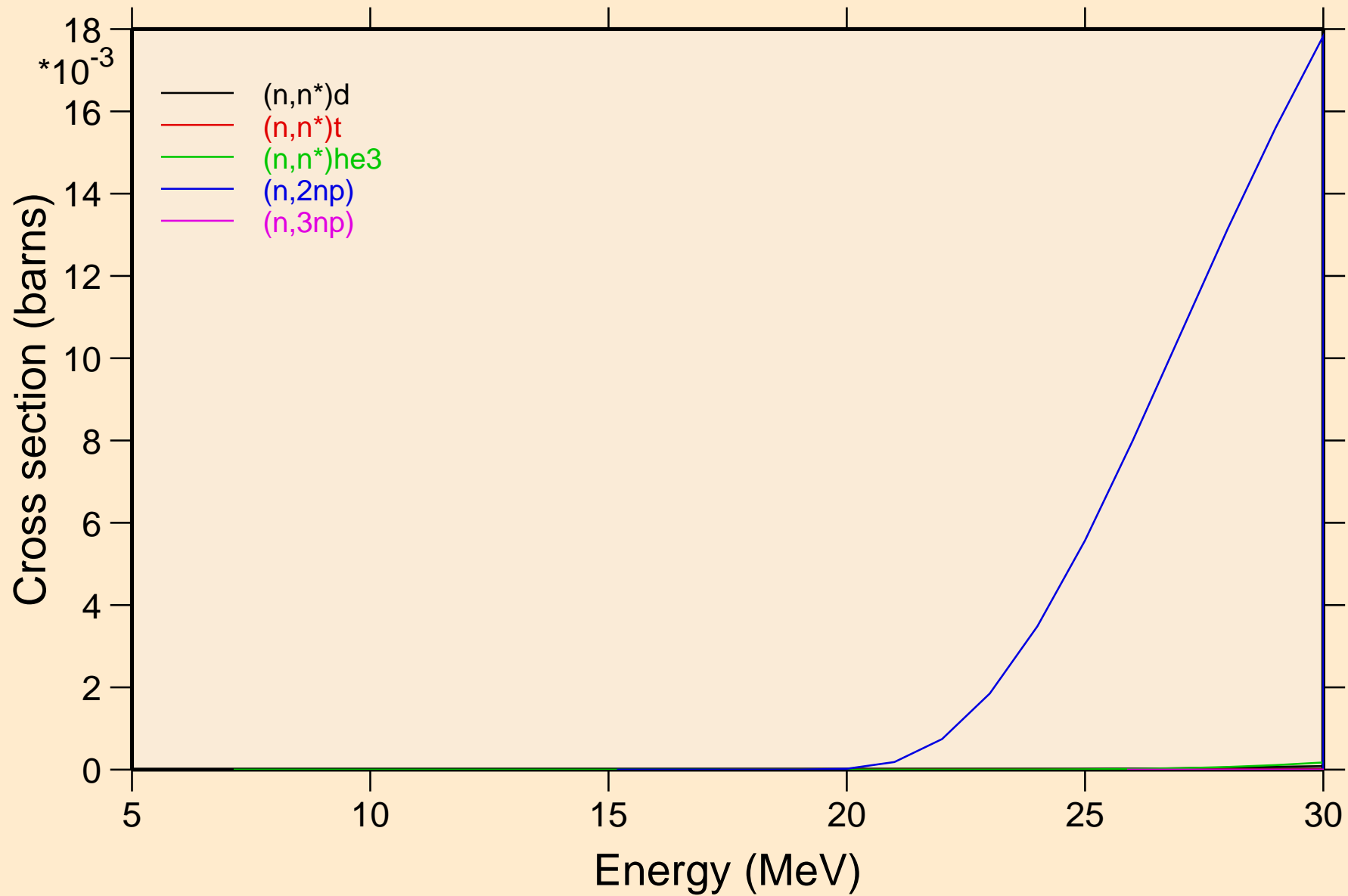
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



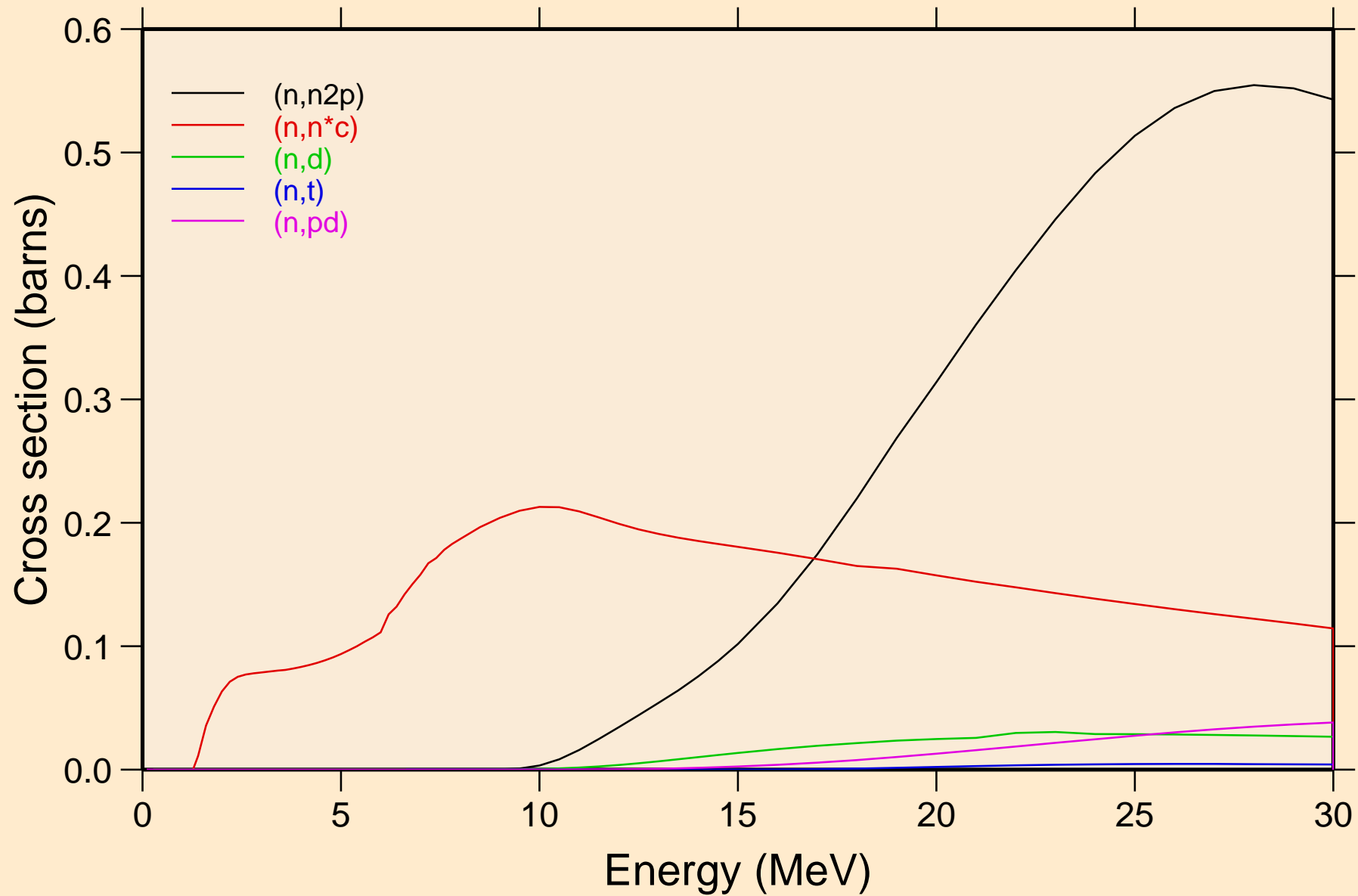
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

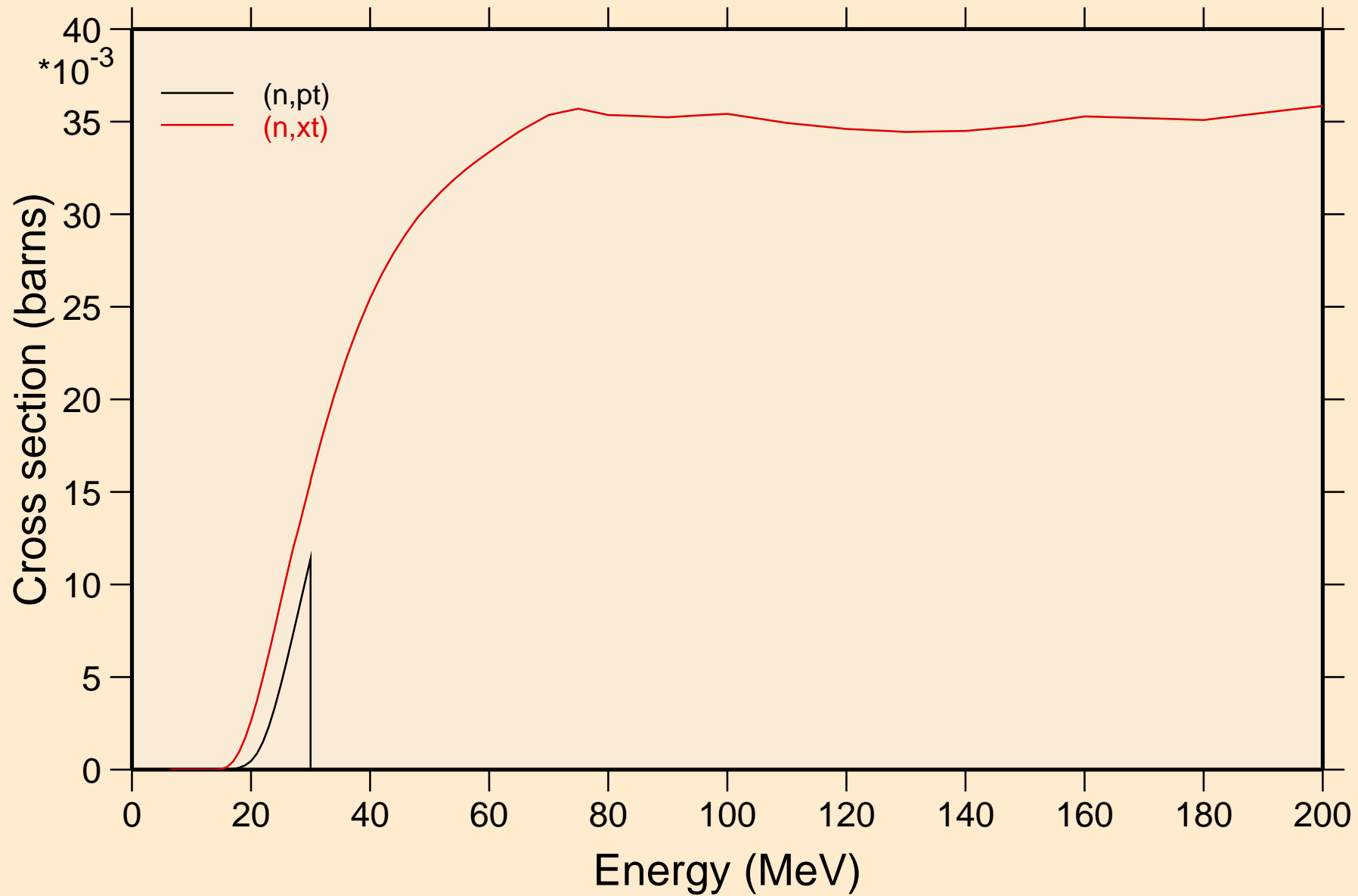


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

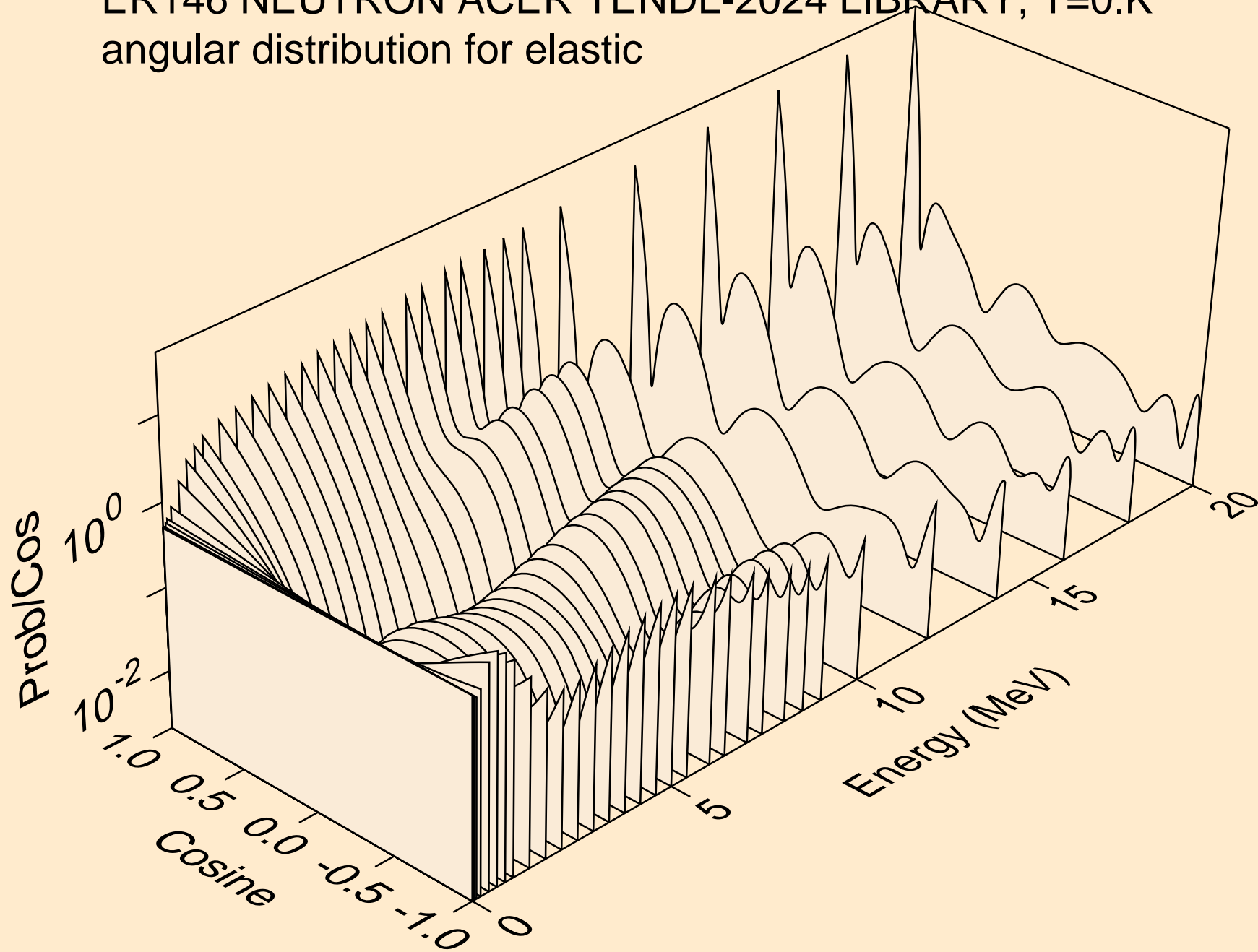
## Threshold reactions



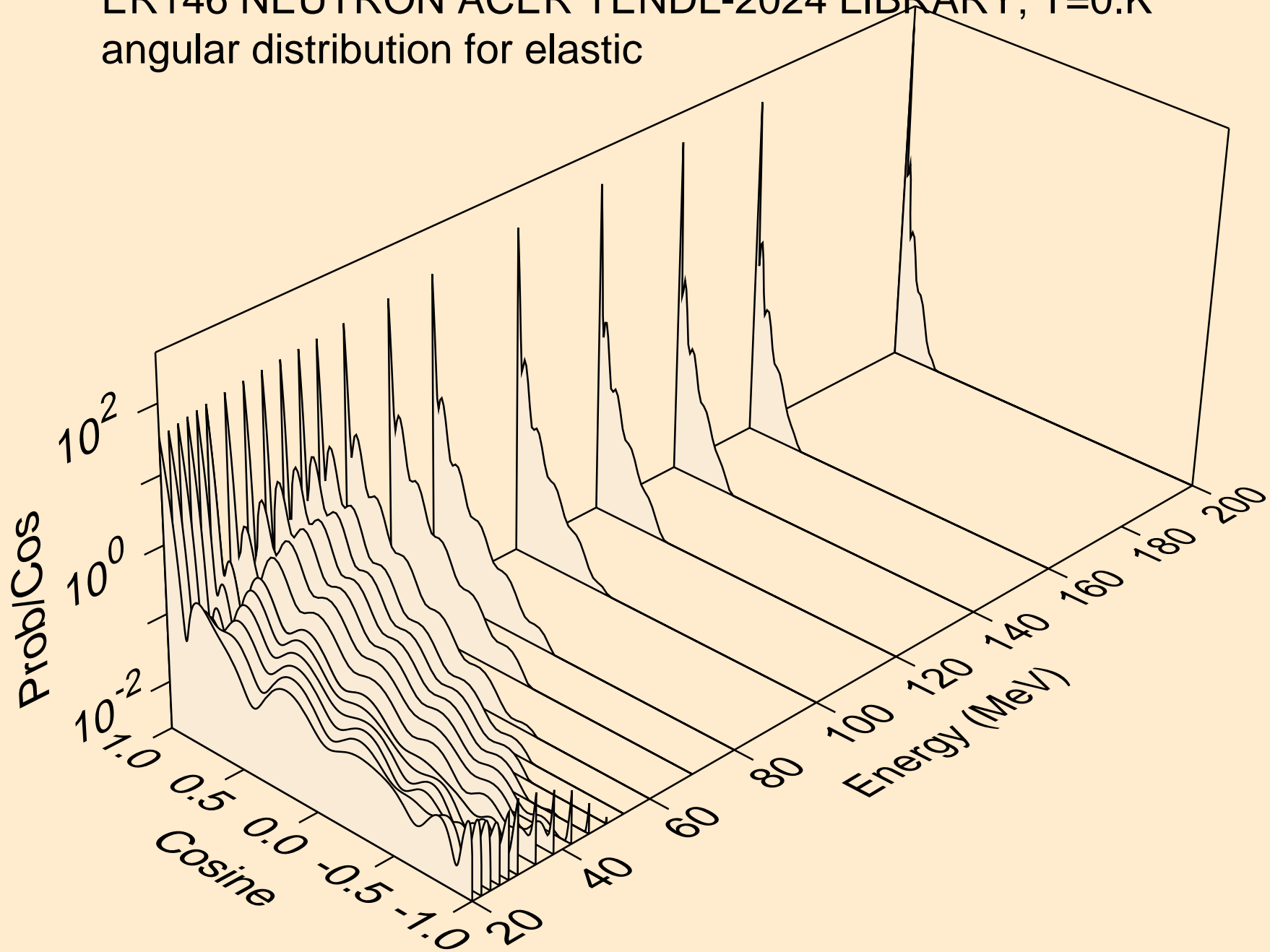
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



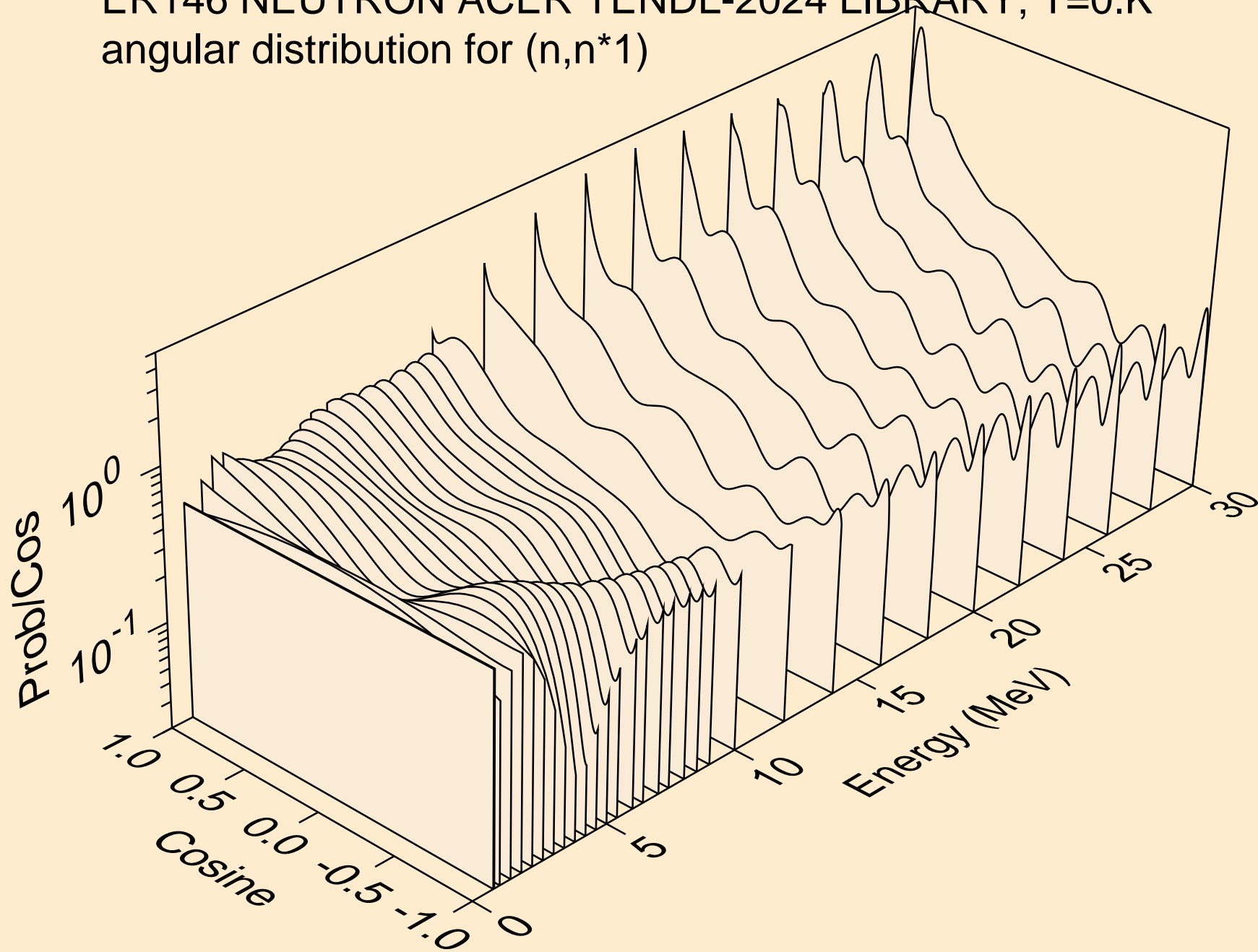
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



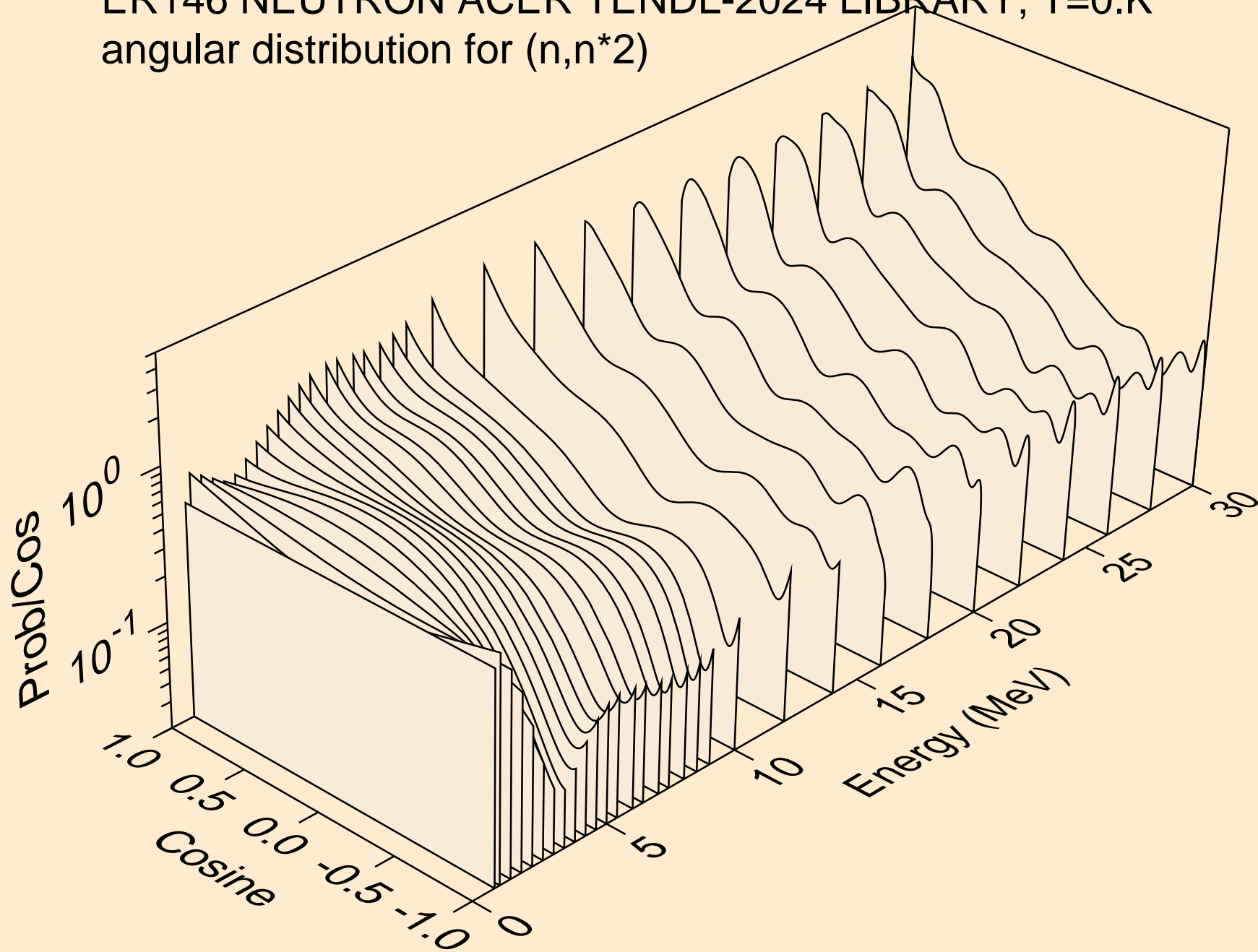
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

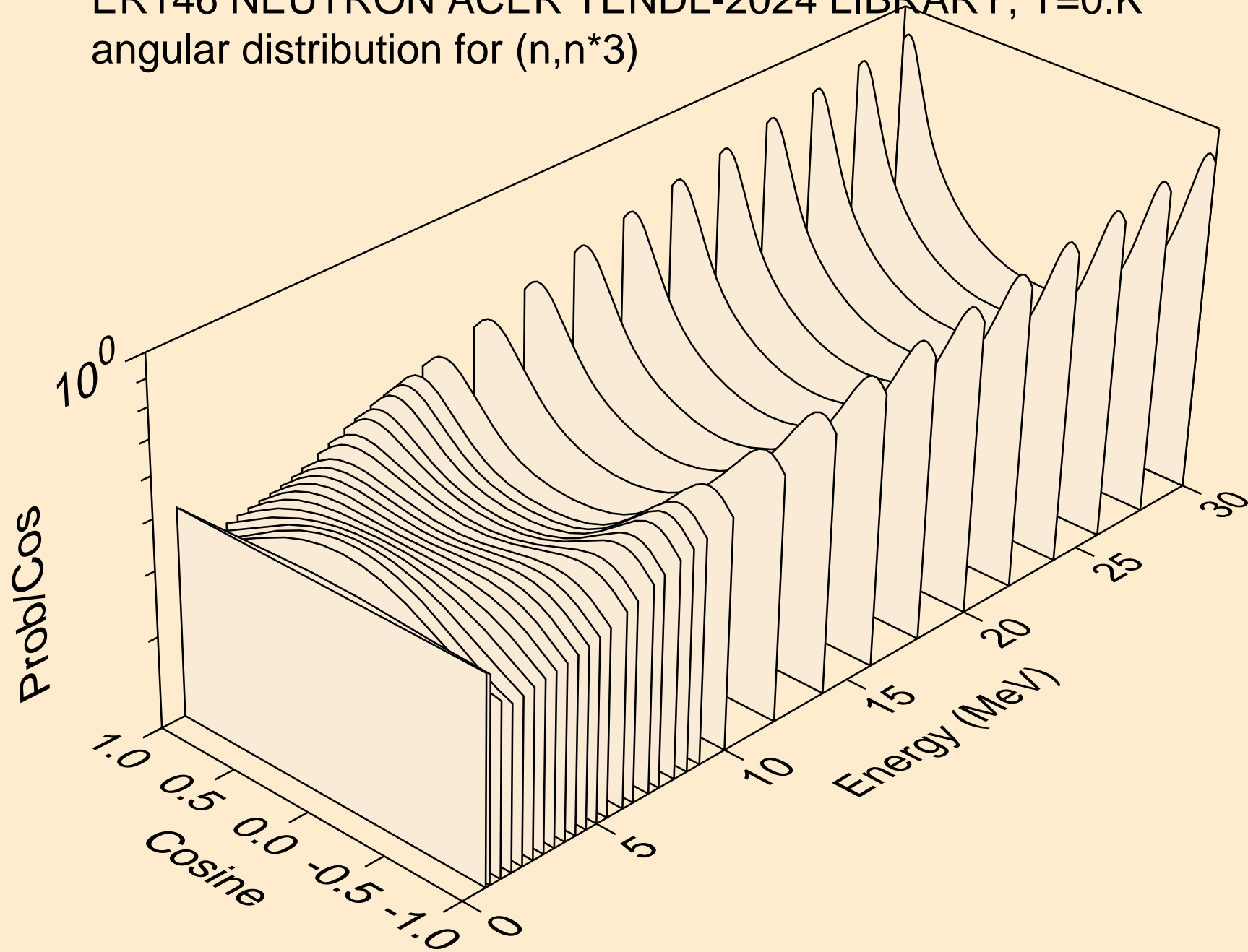


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

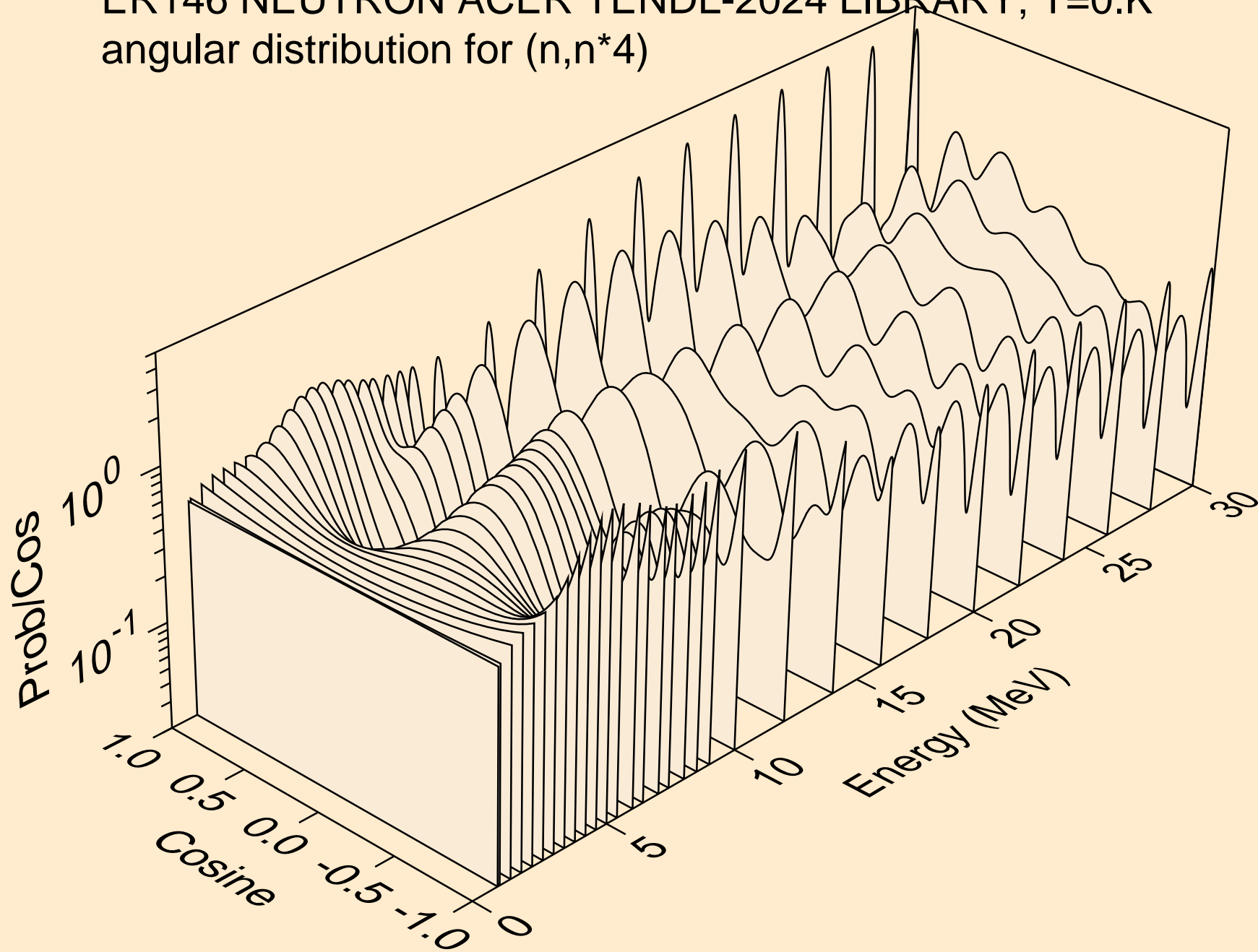




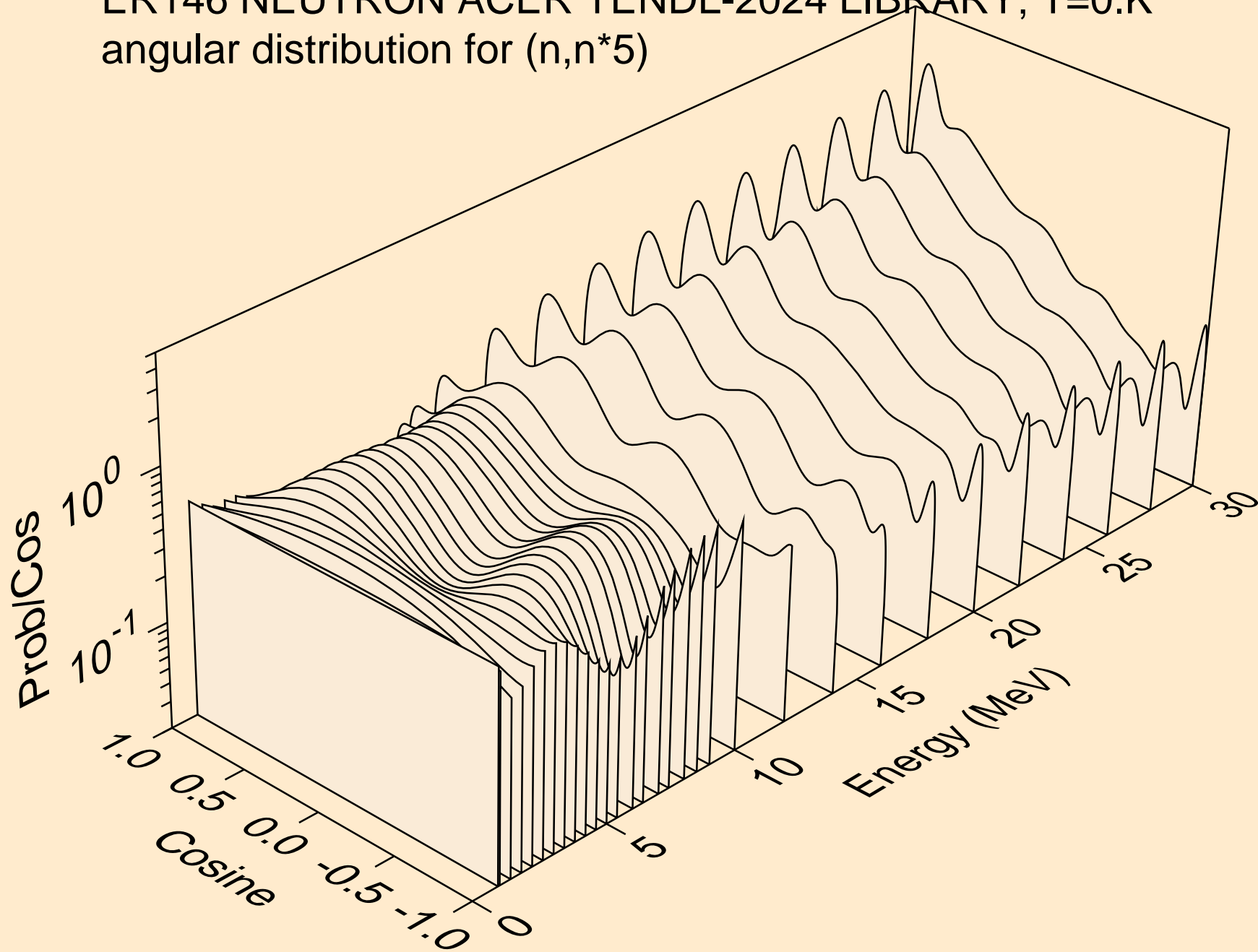
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



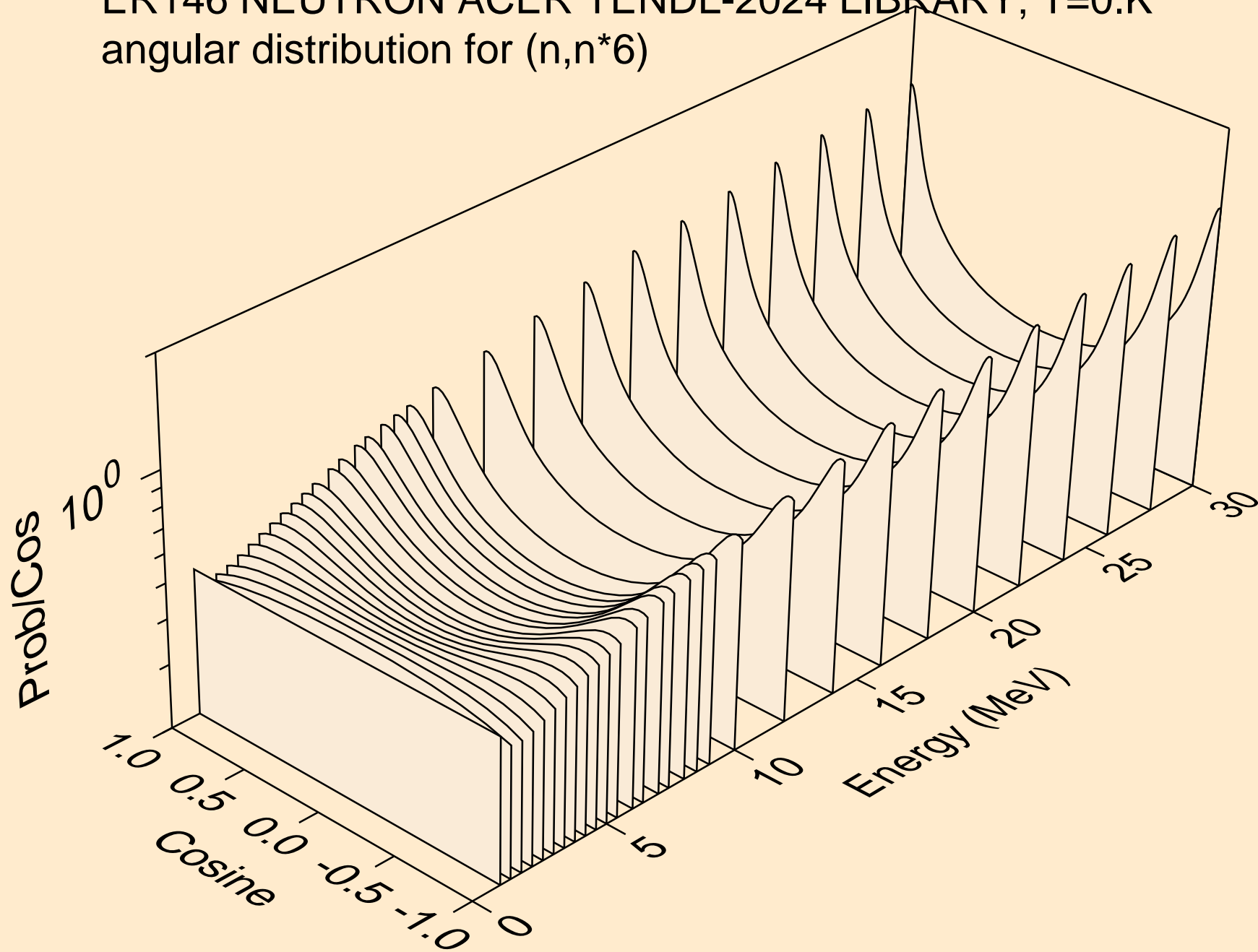
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



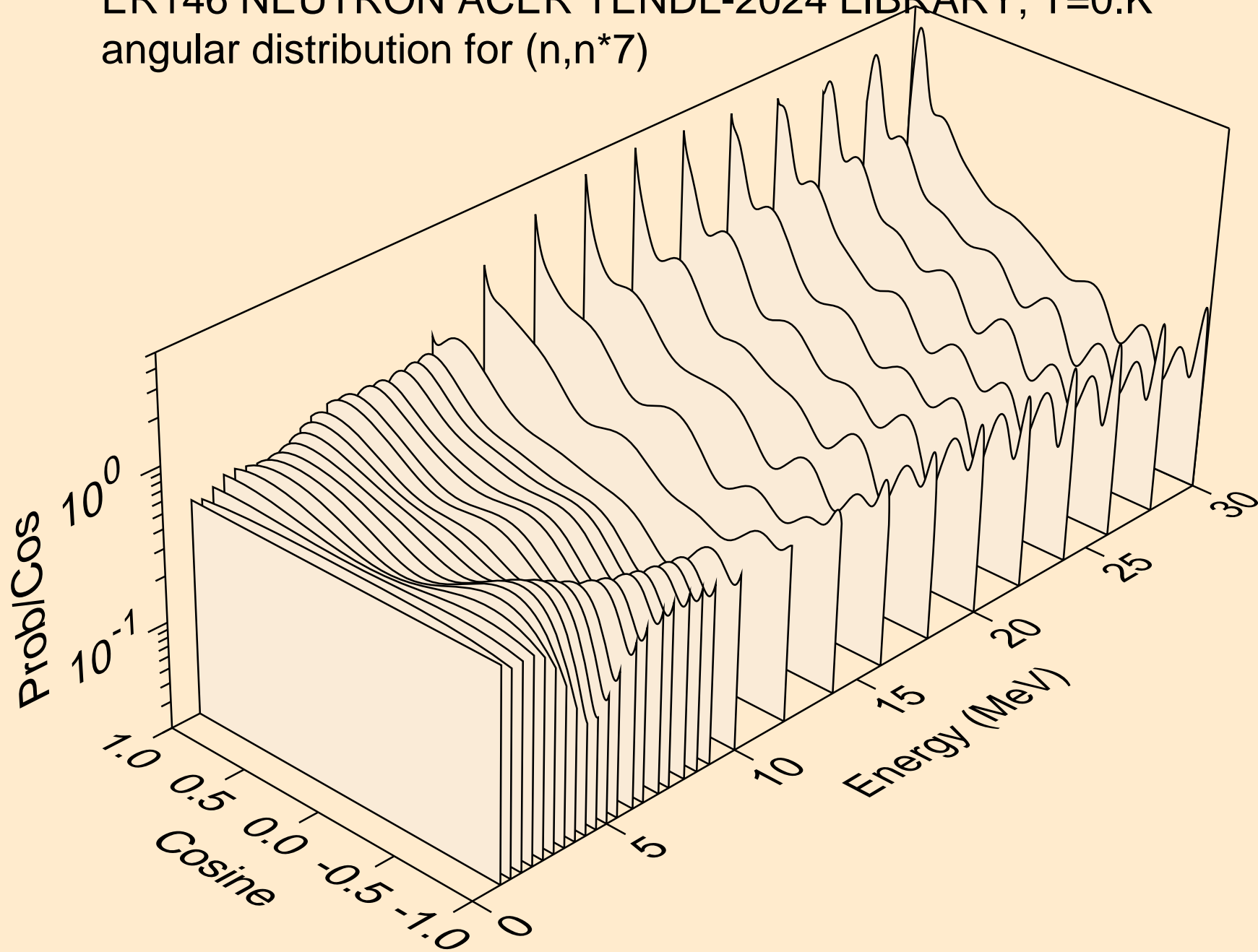
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



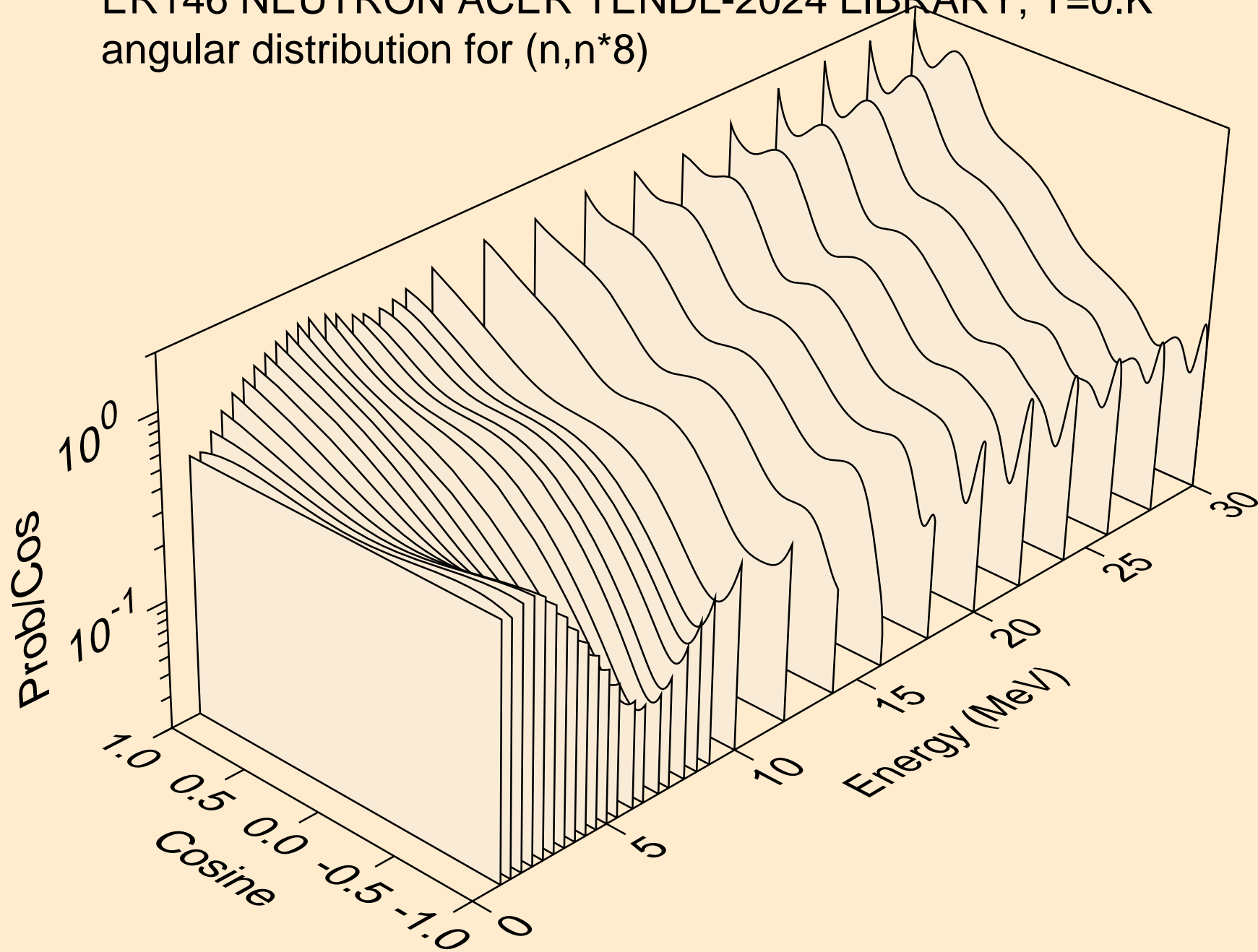
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



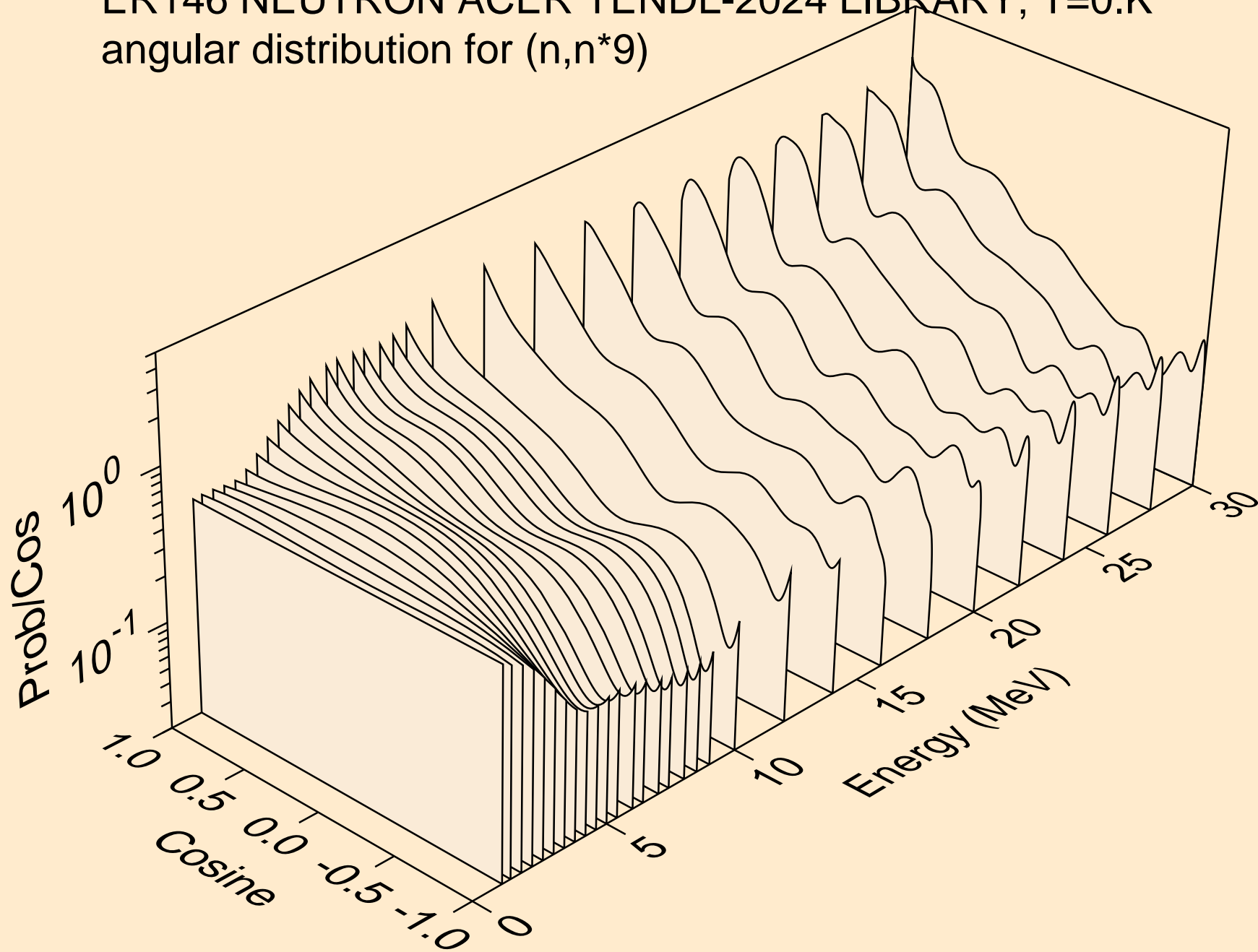
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



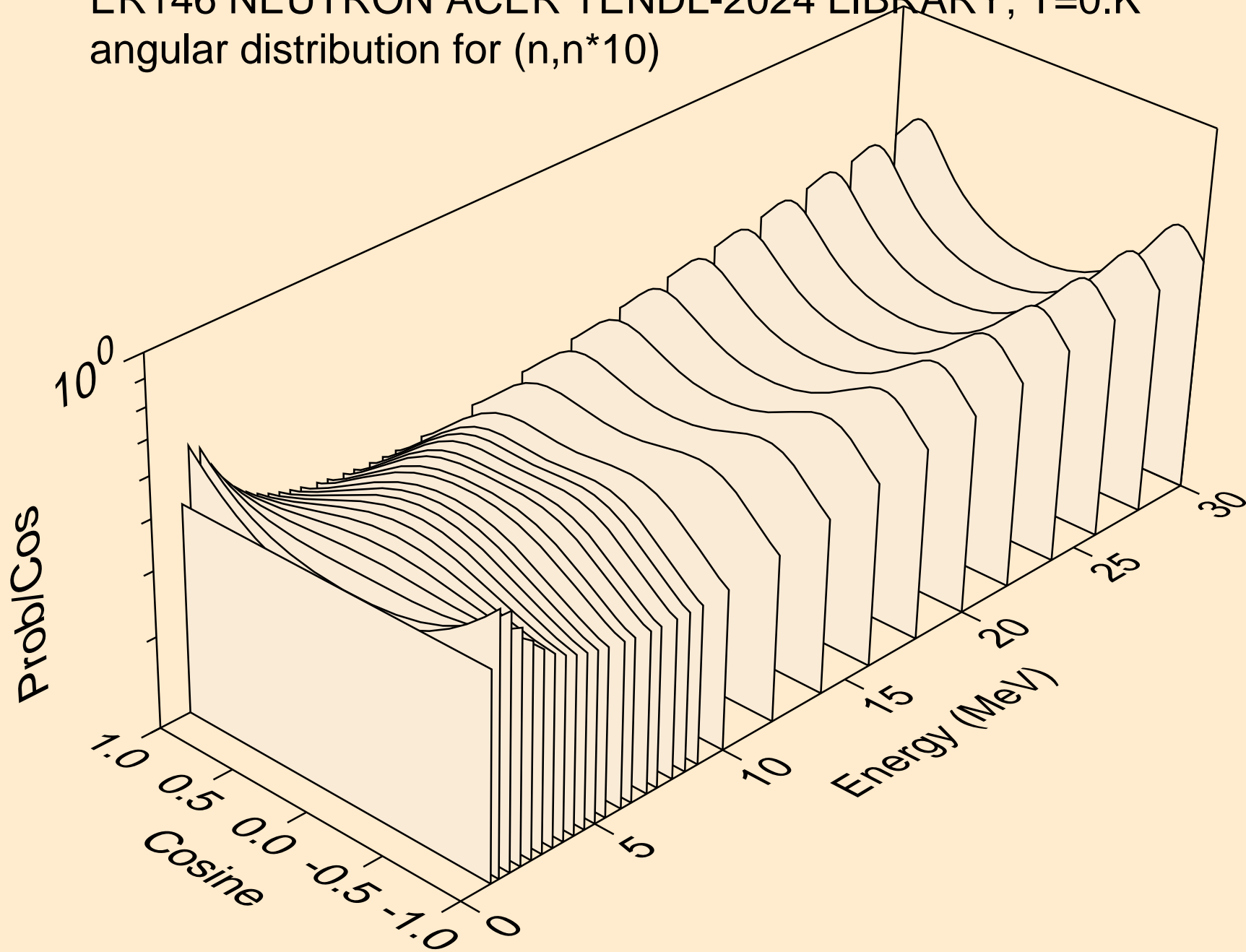
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

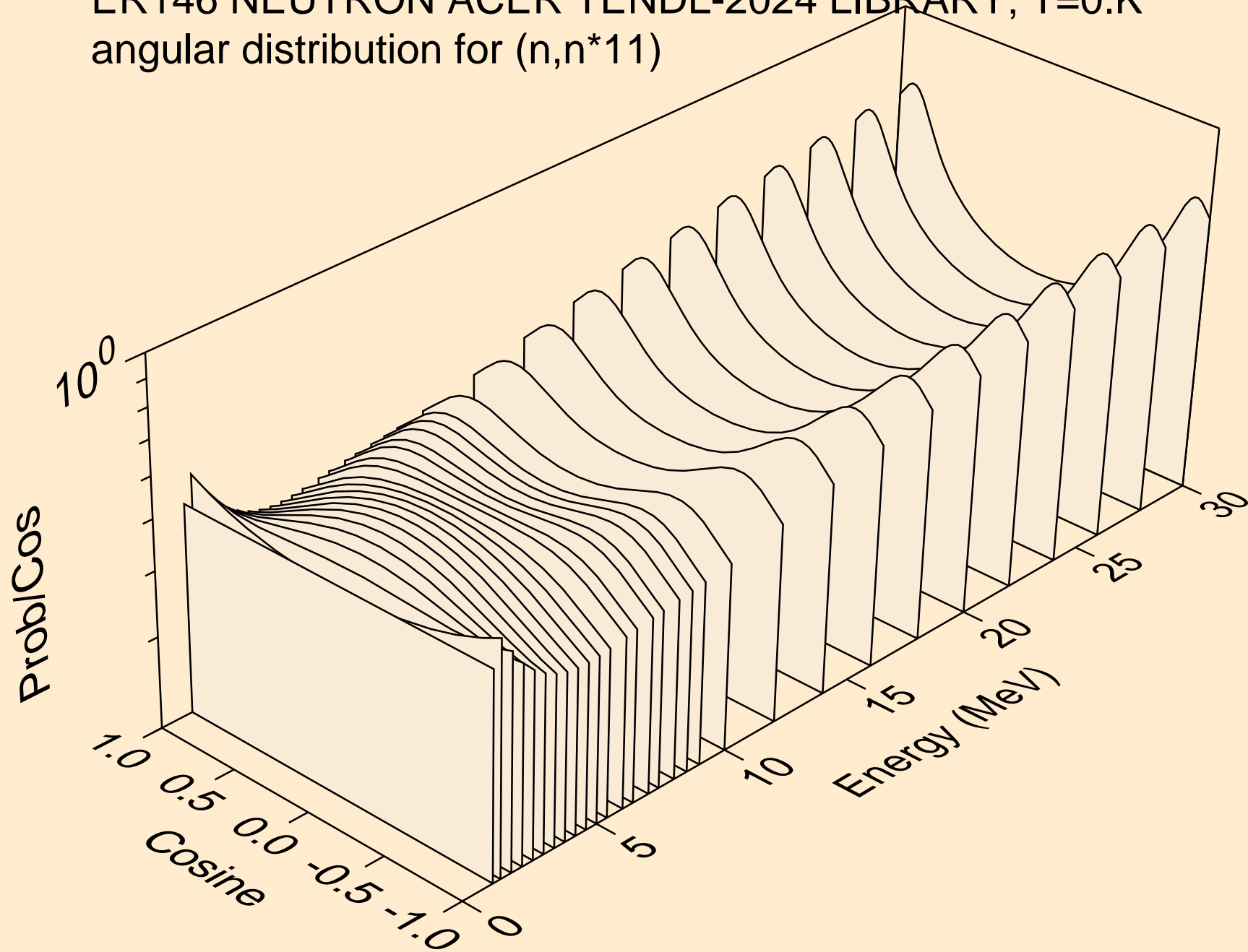


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

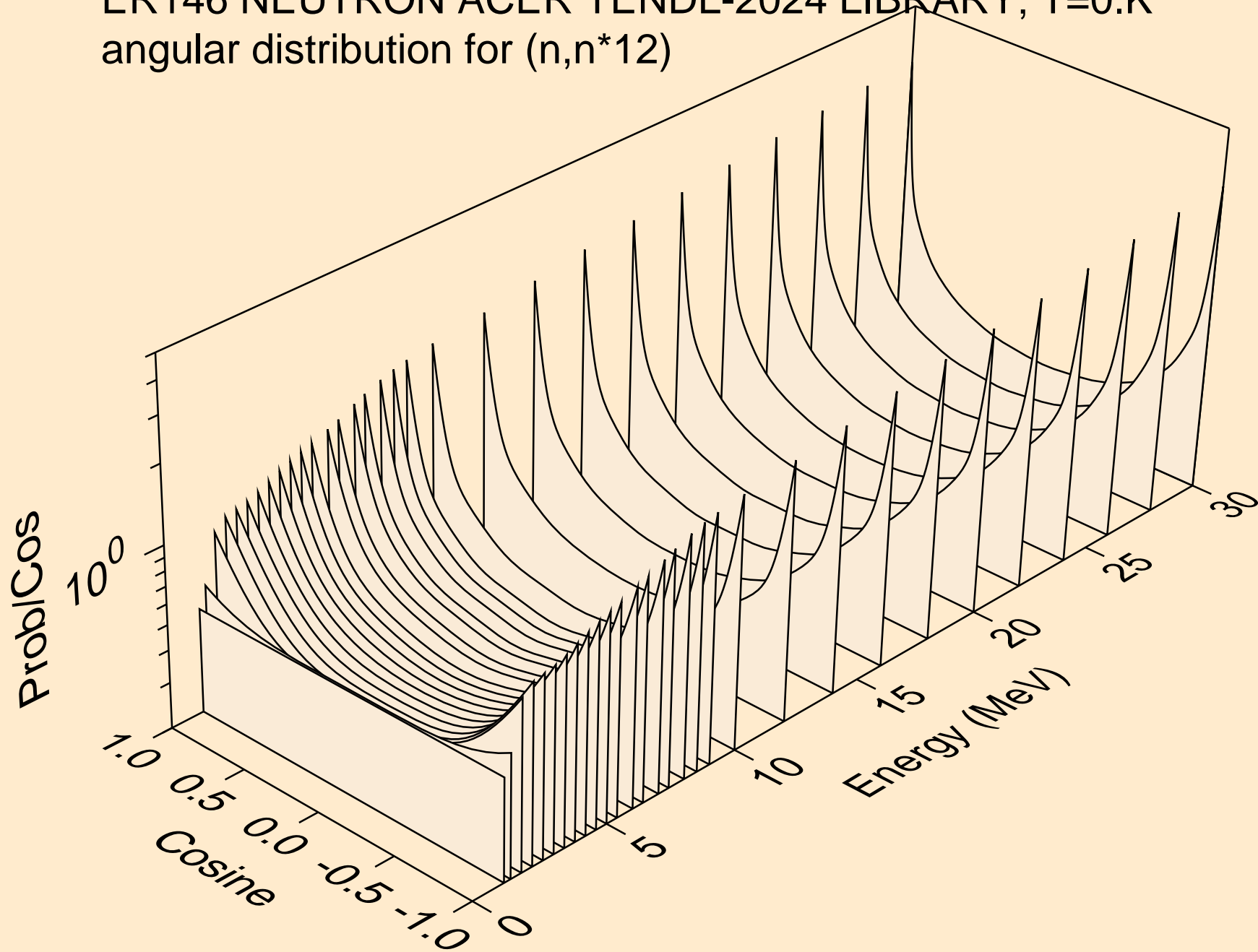




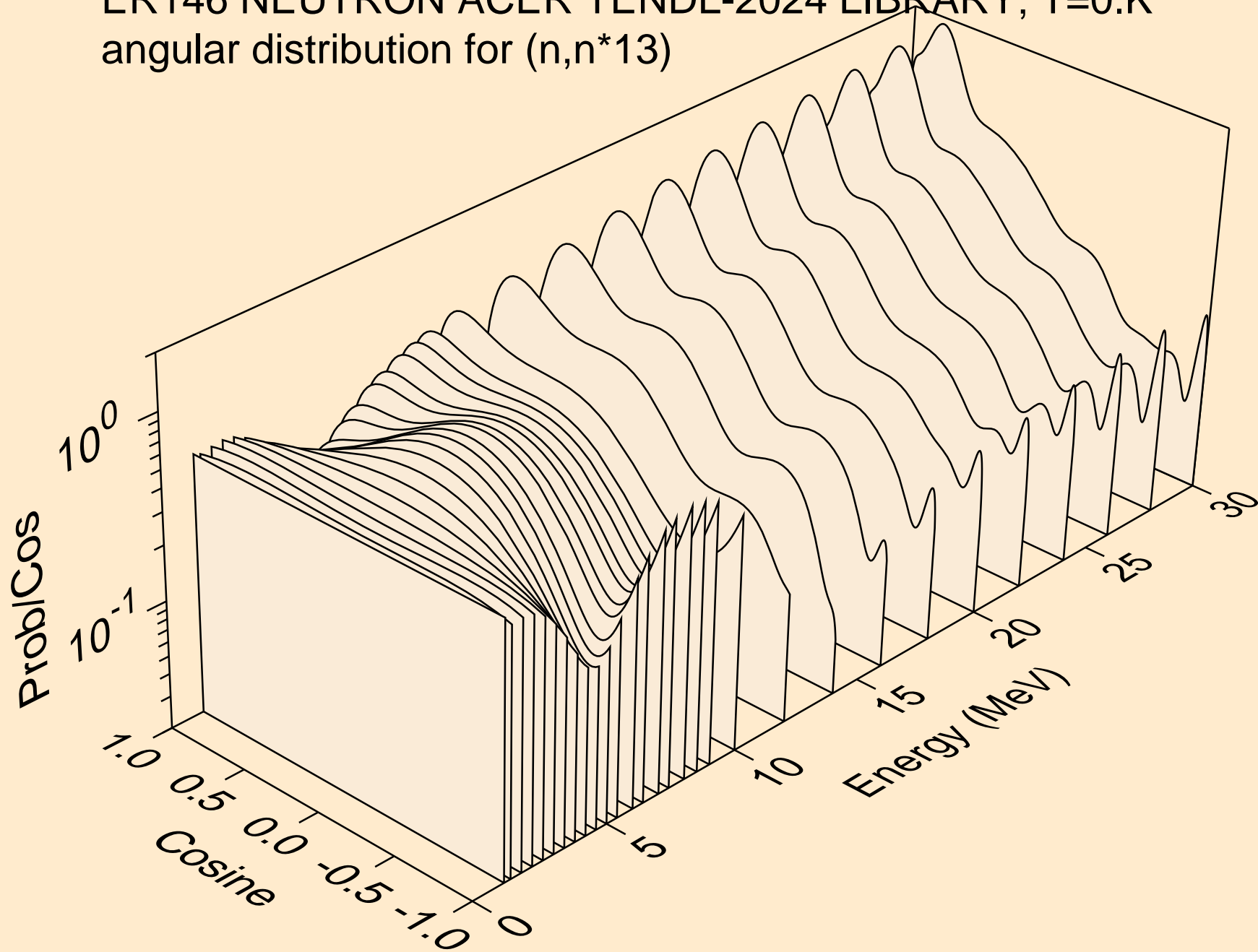
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



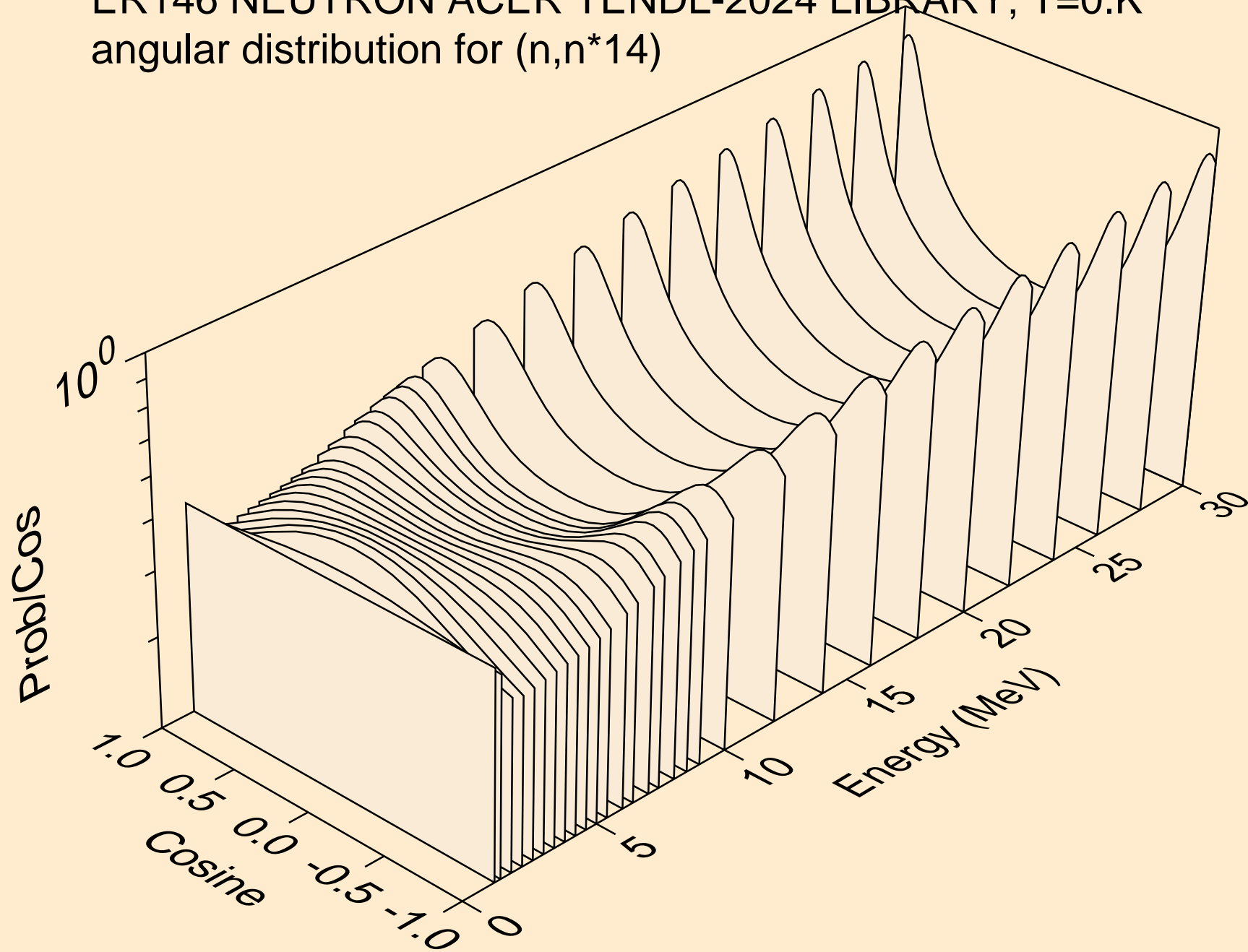
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



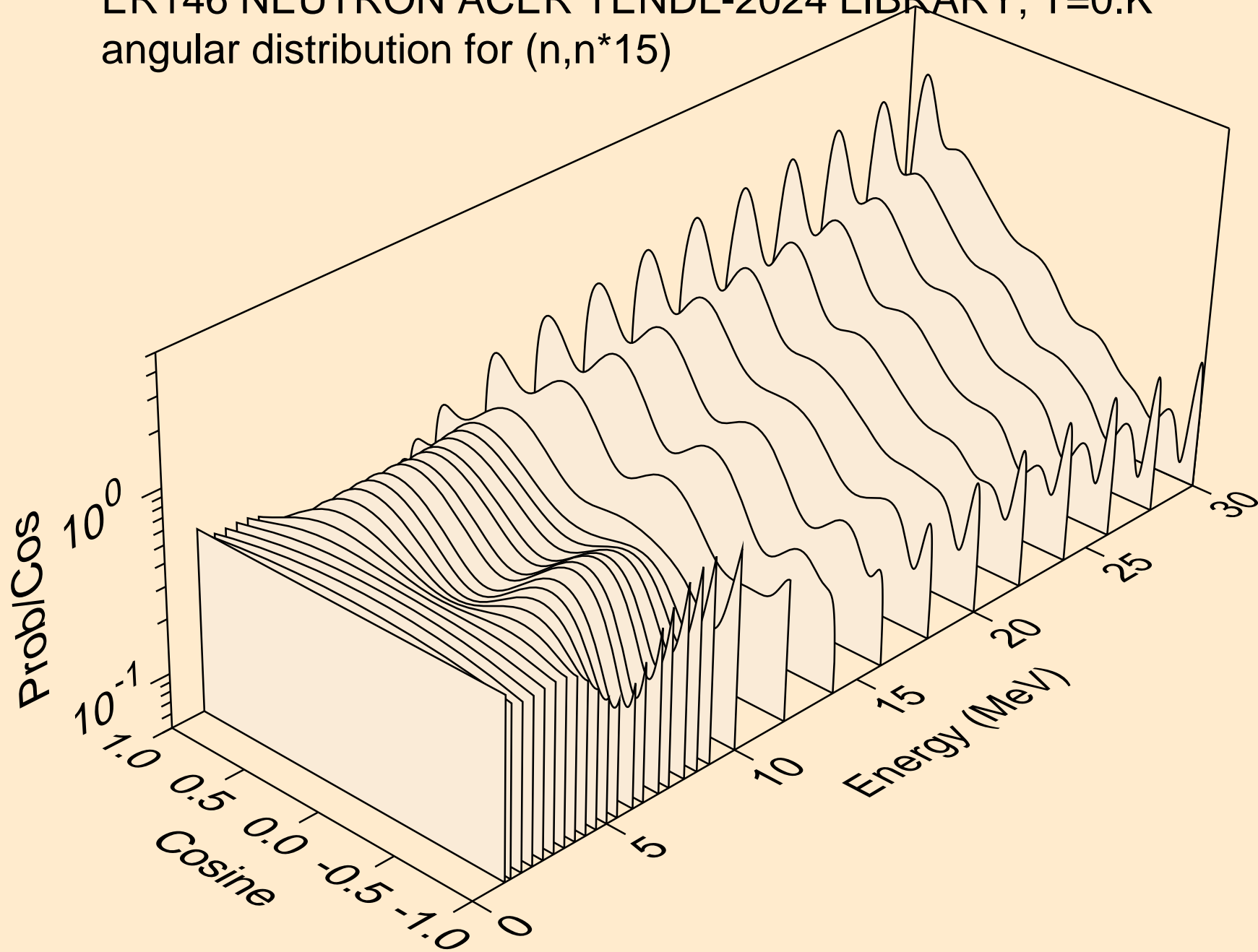
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



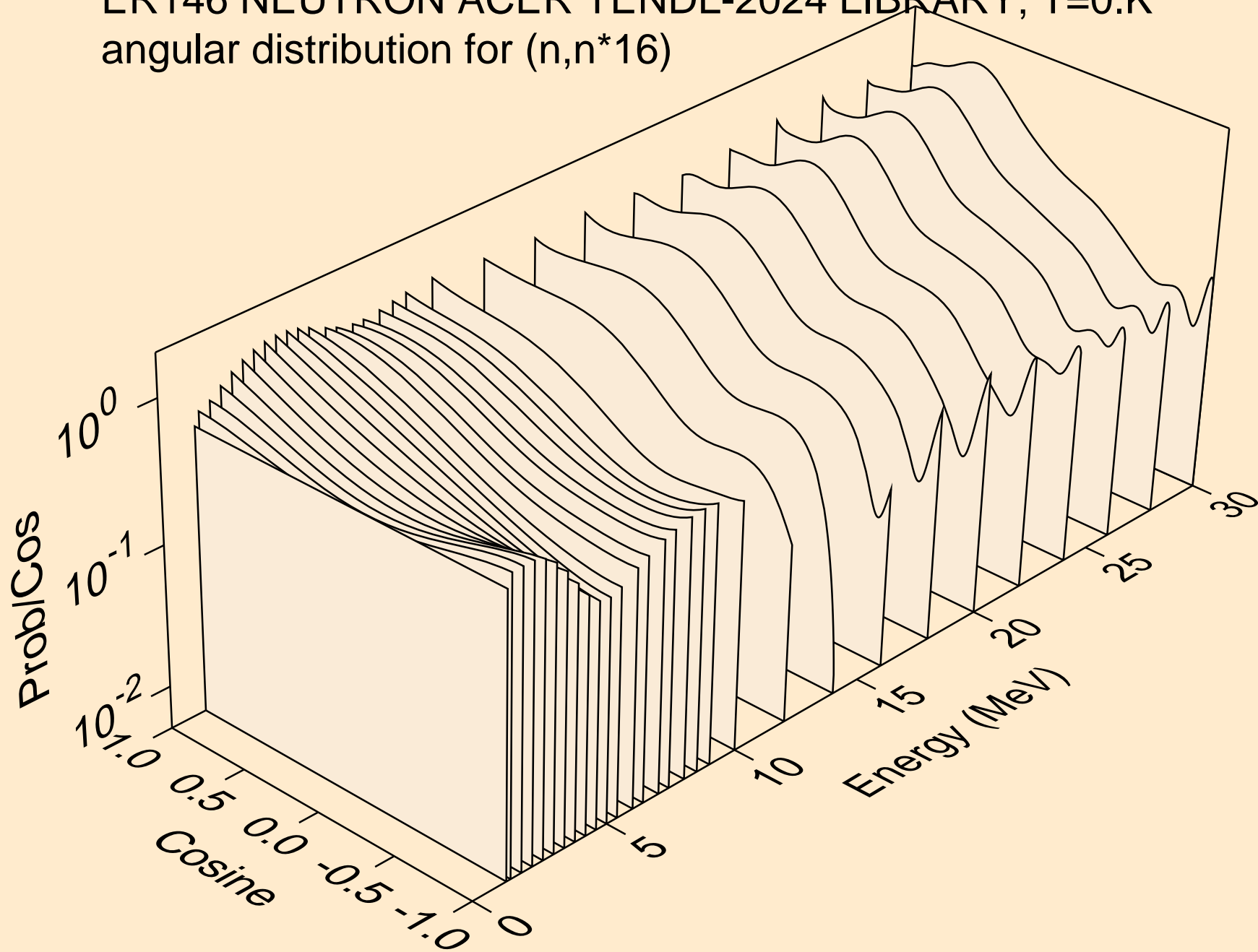
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



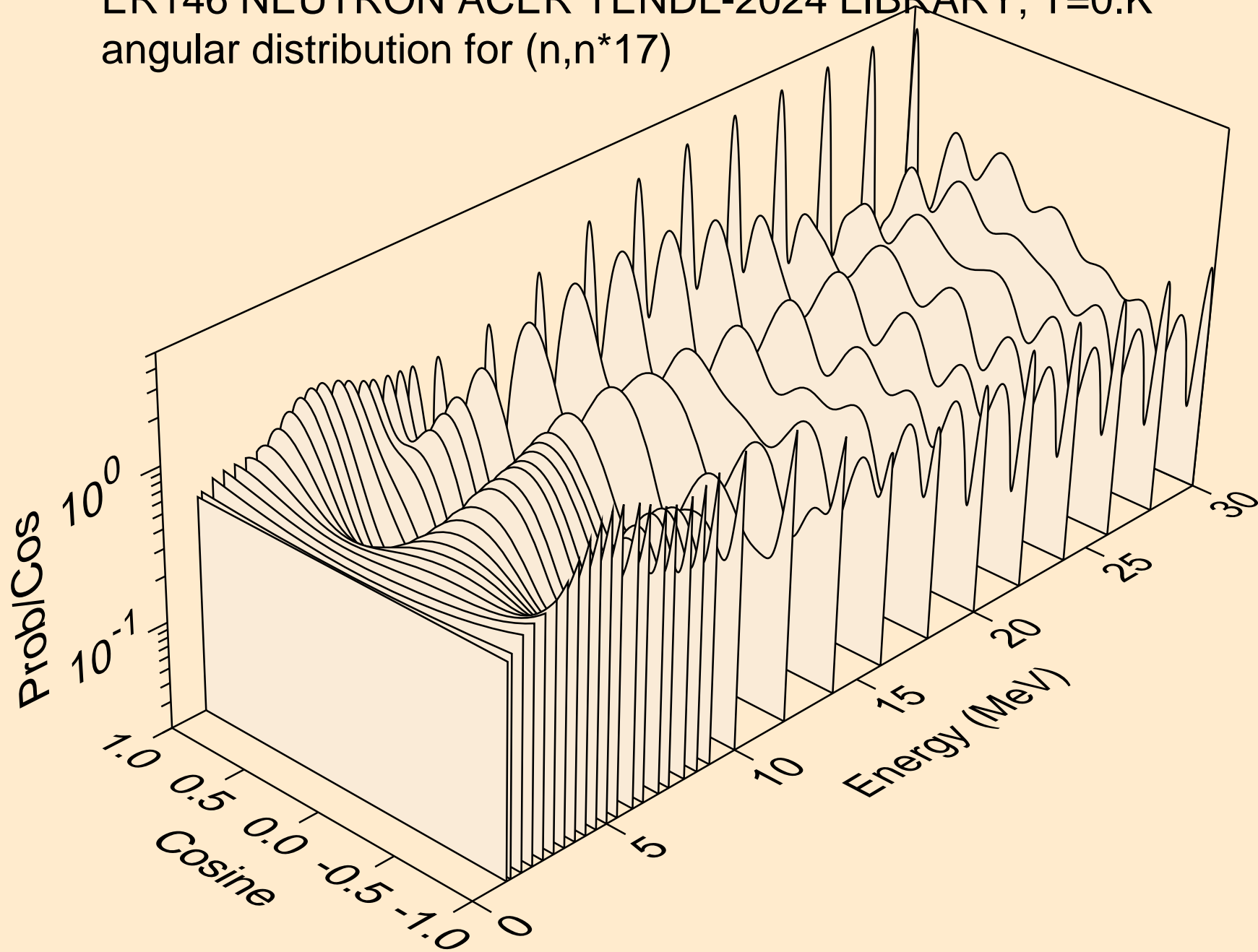
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



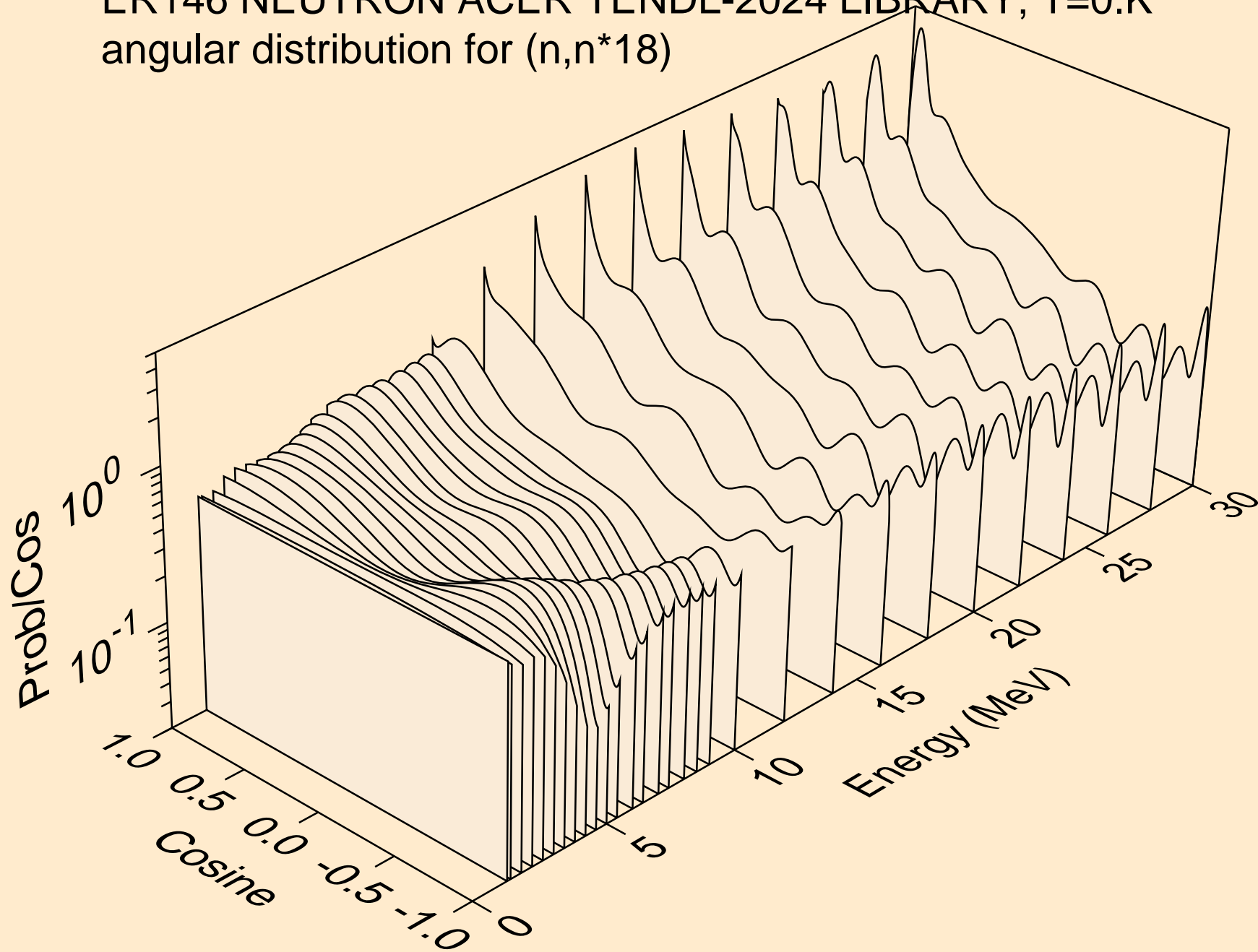
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

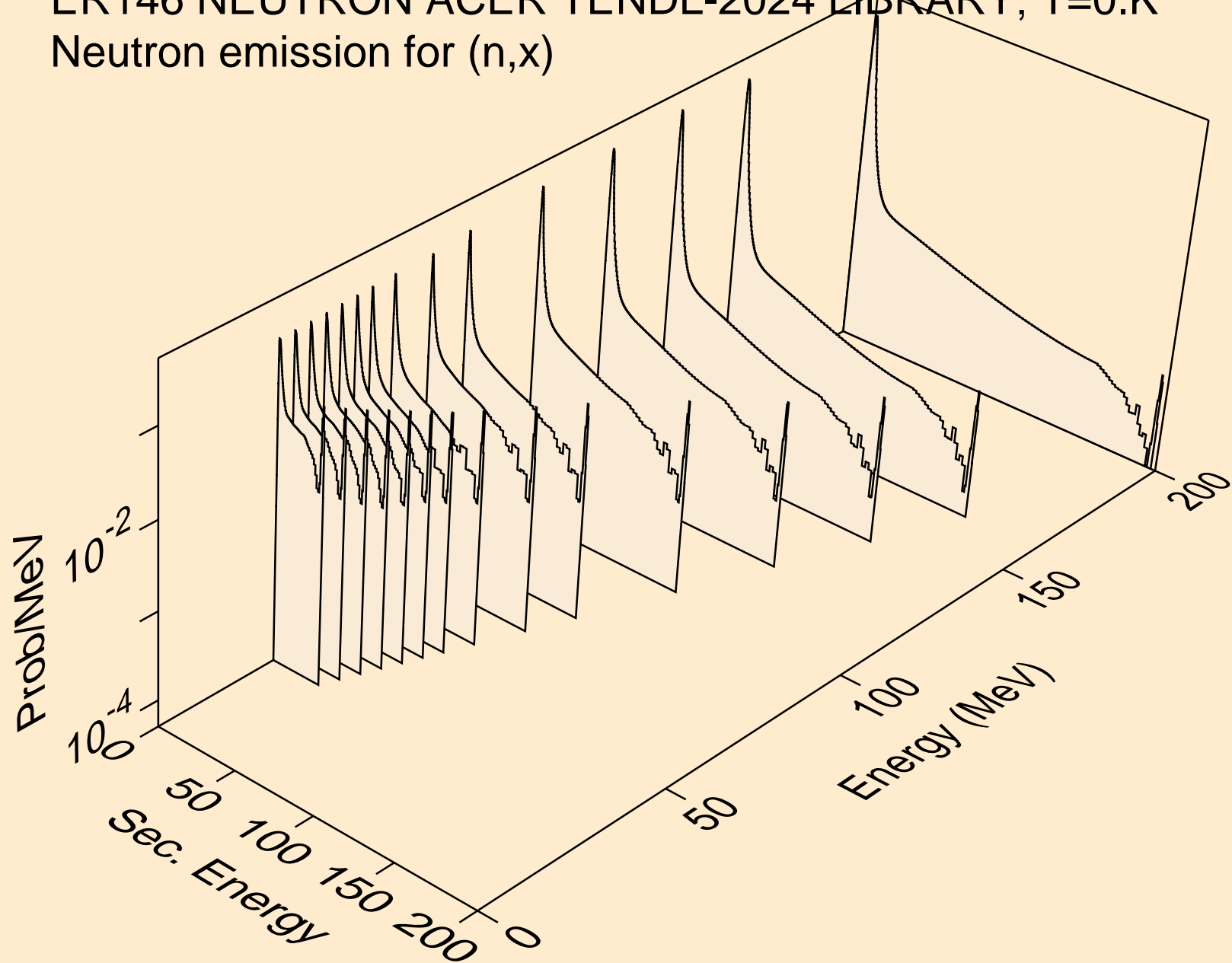


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

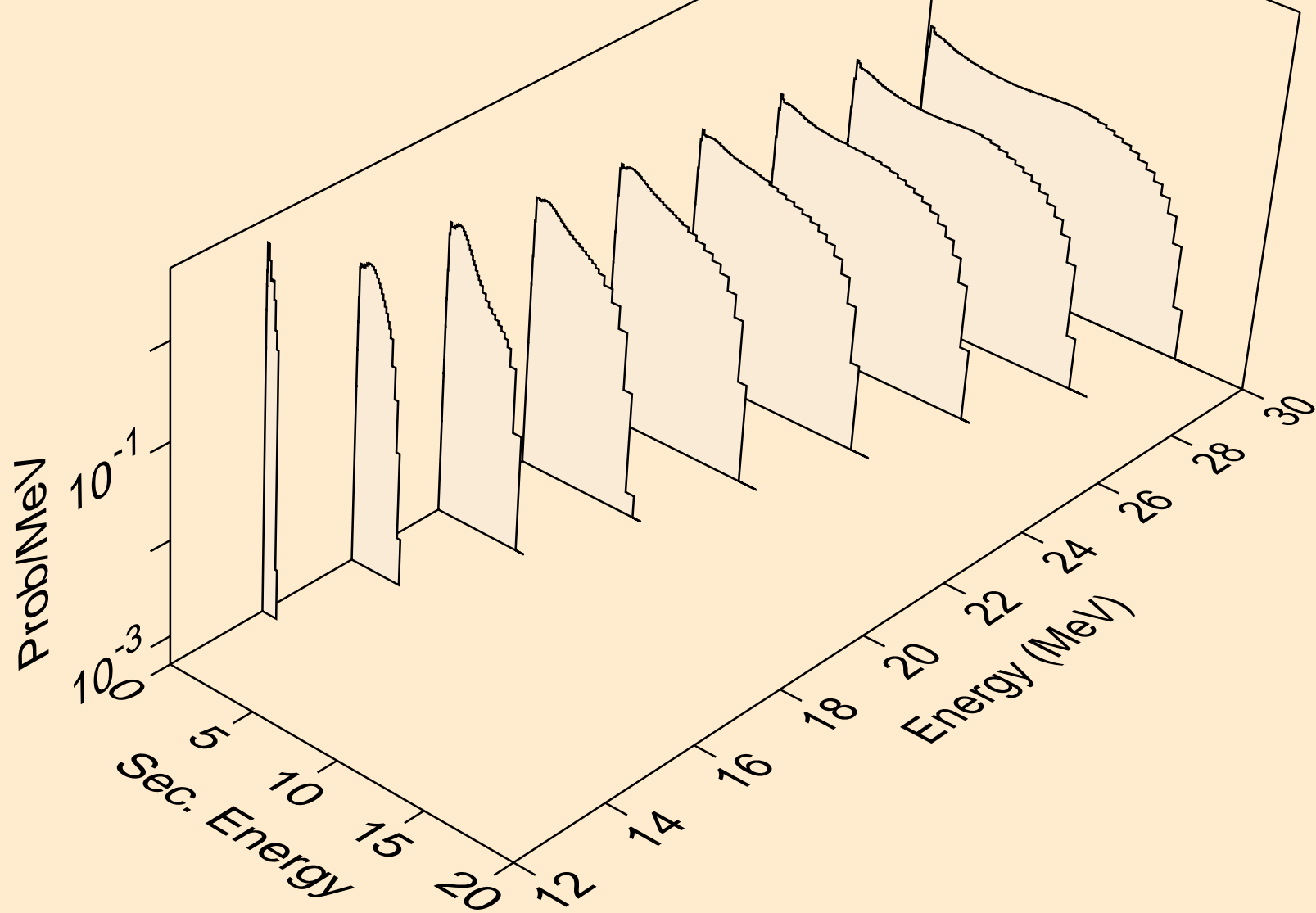




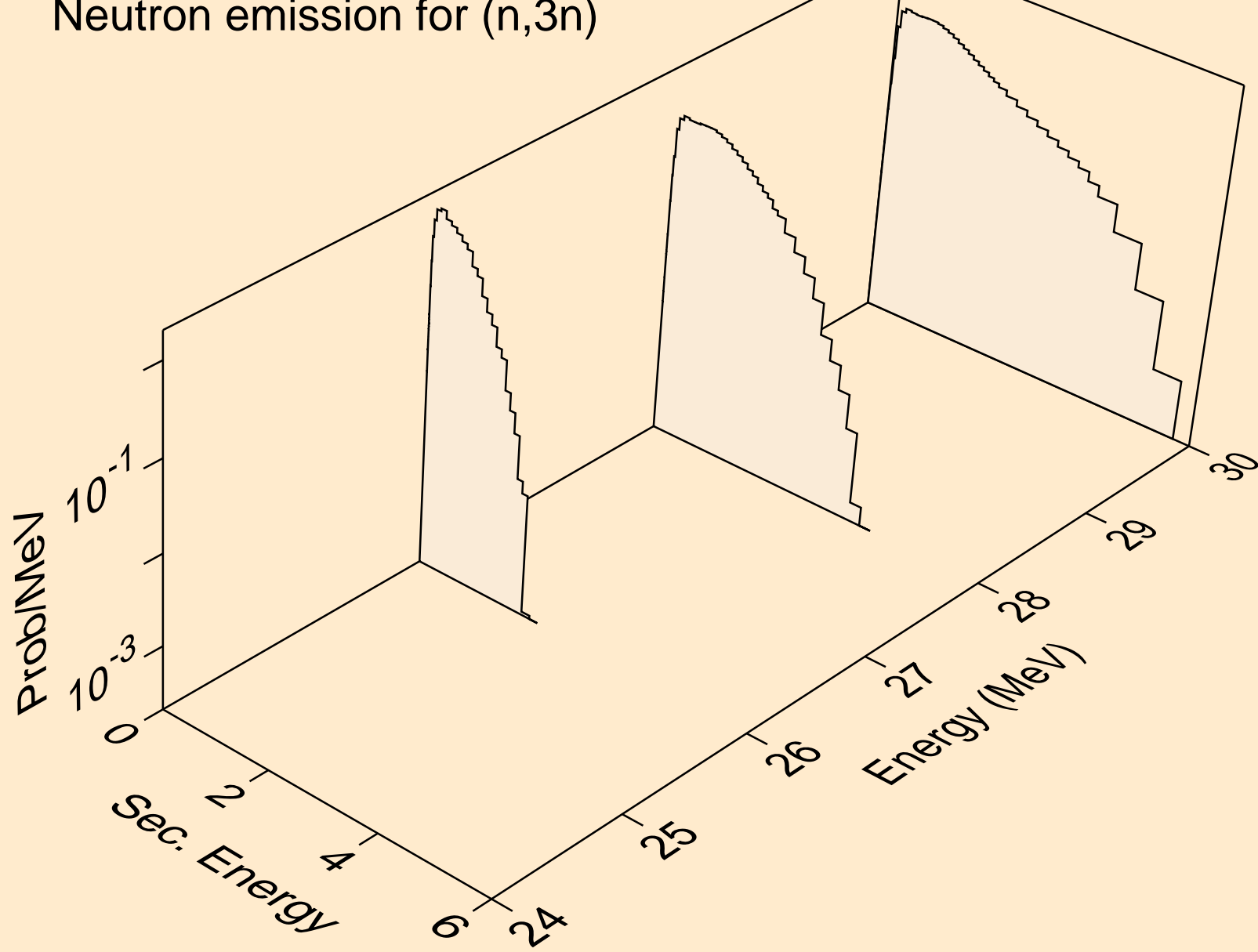
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



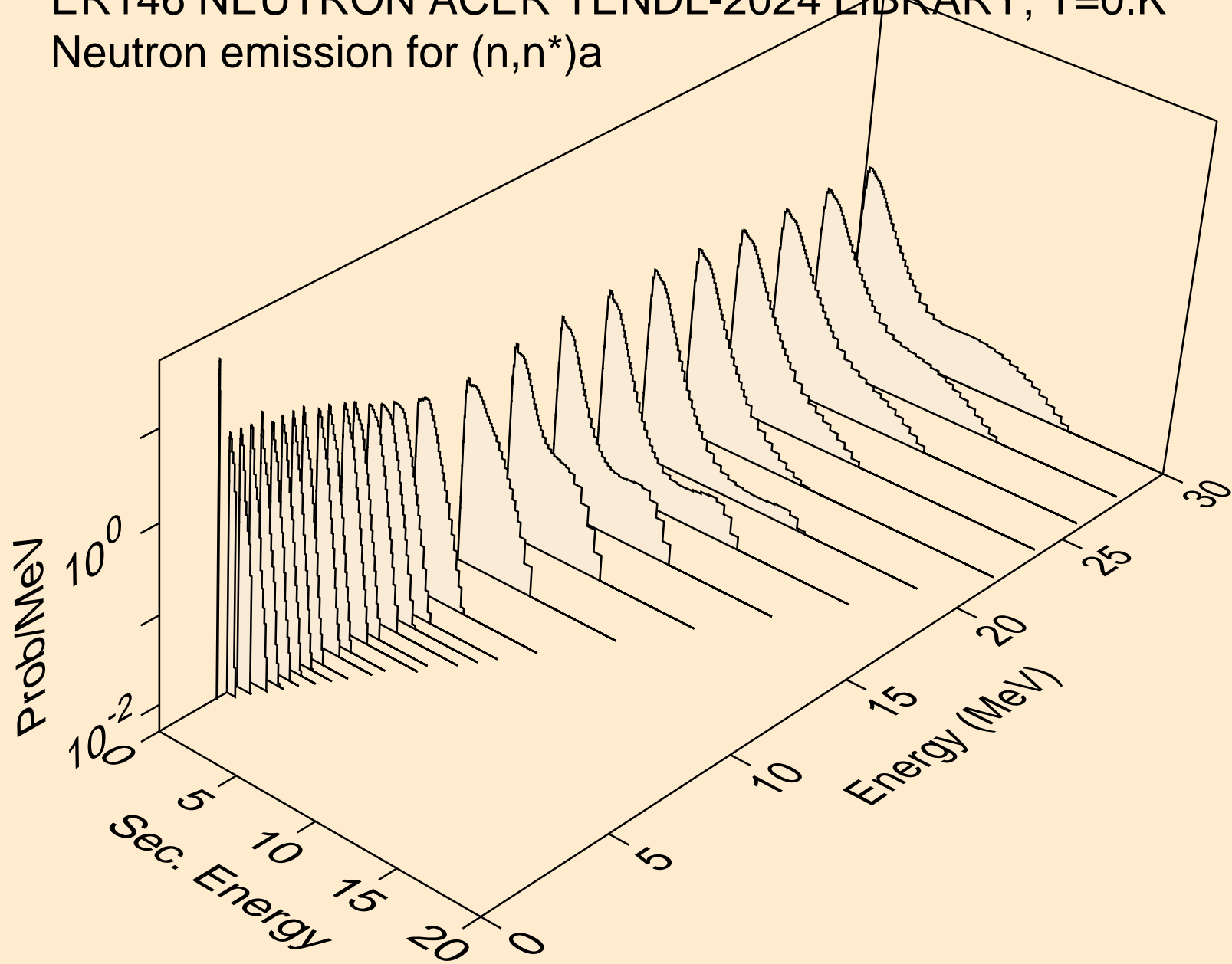
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



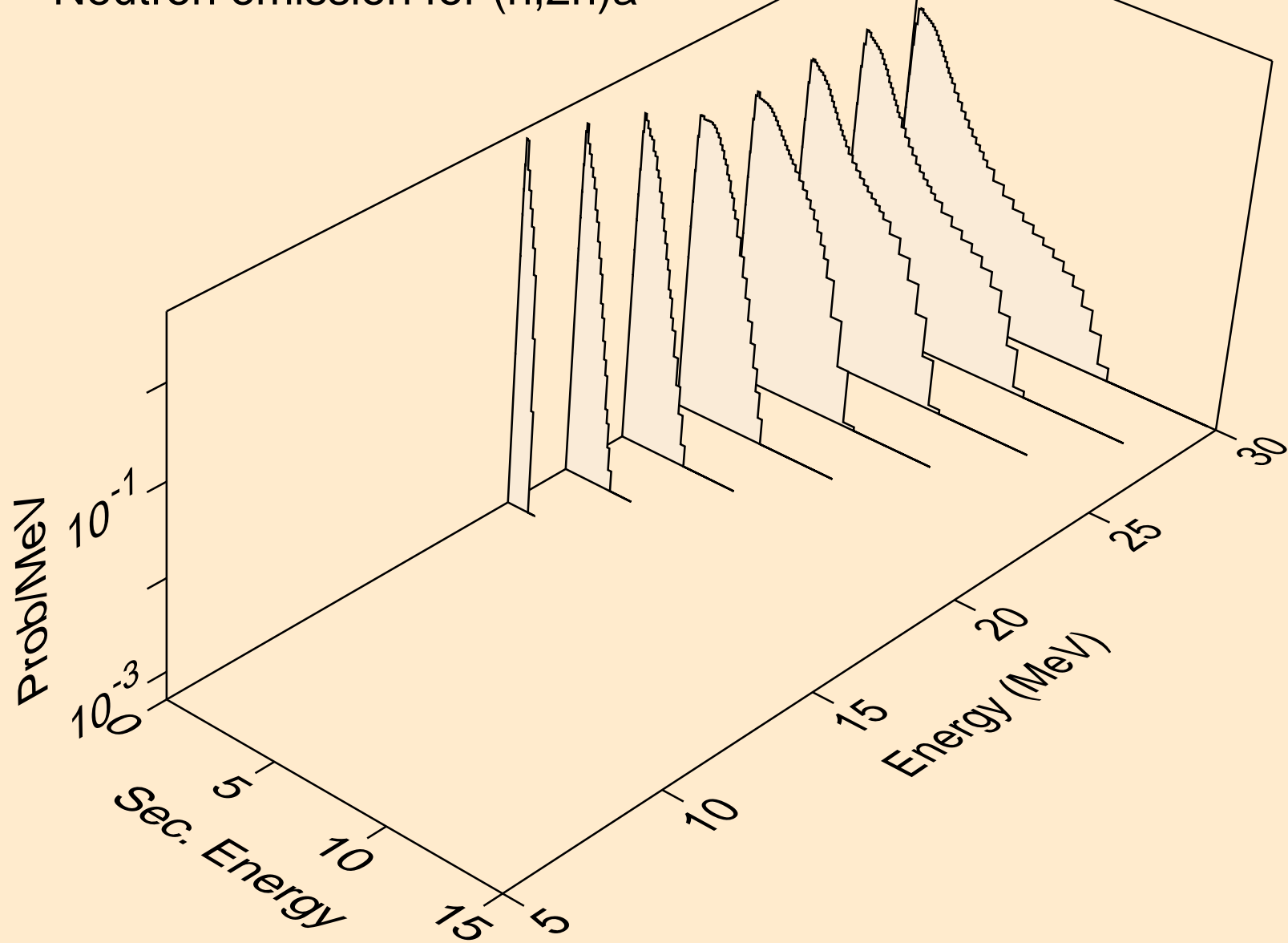
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



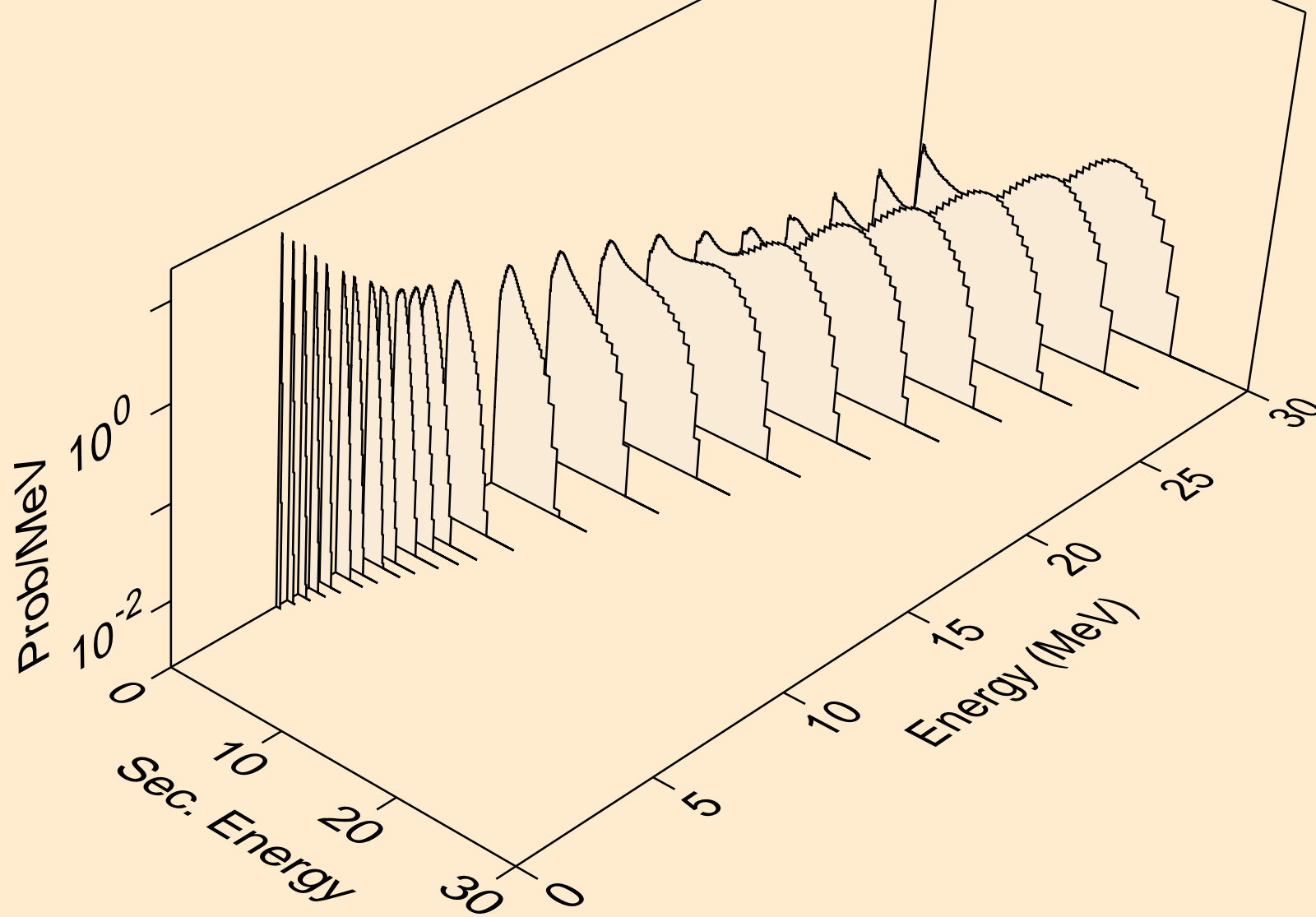
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



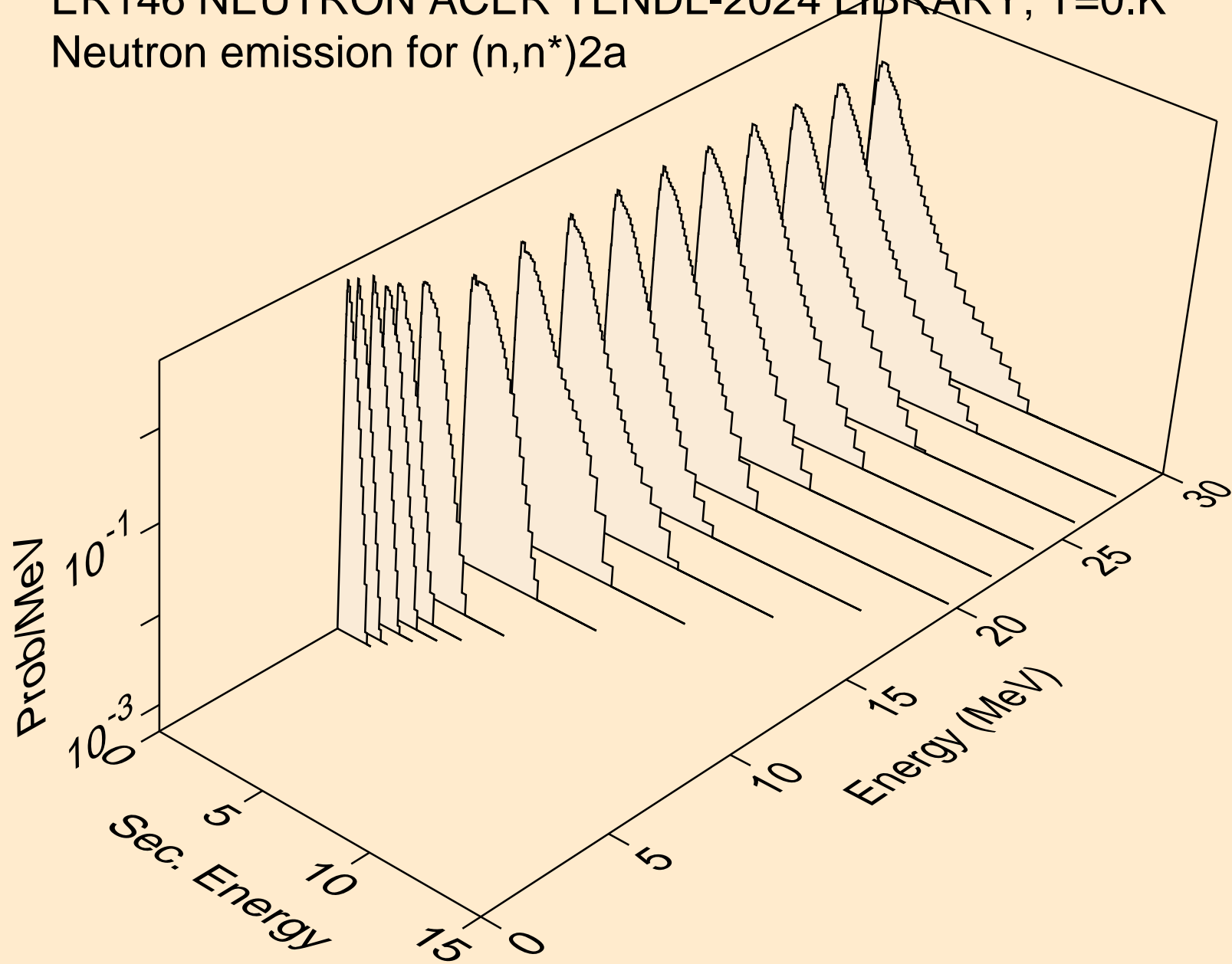
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



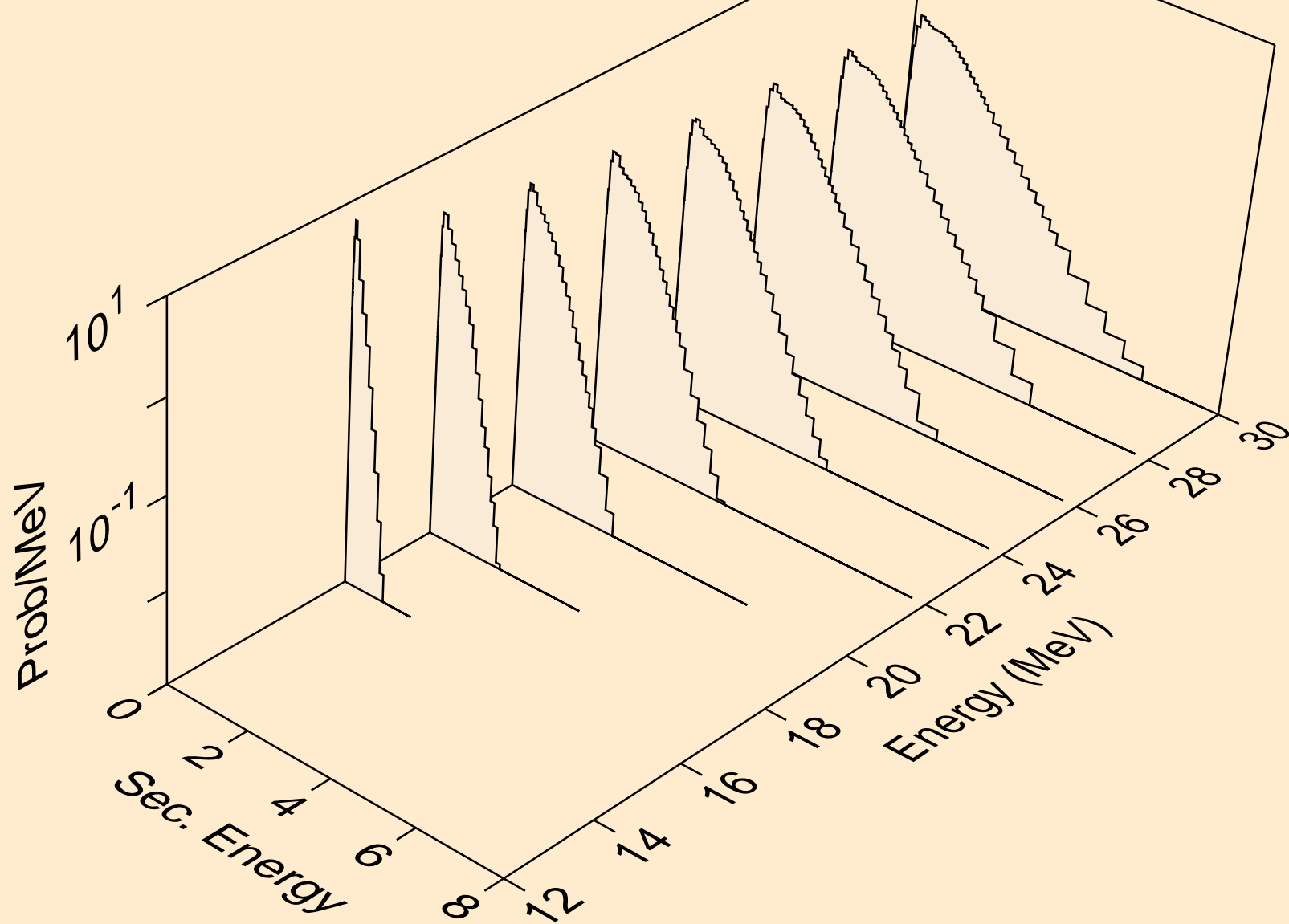
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

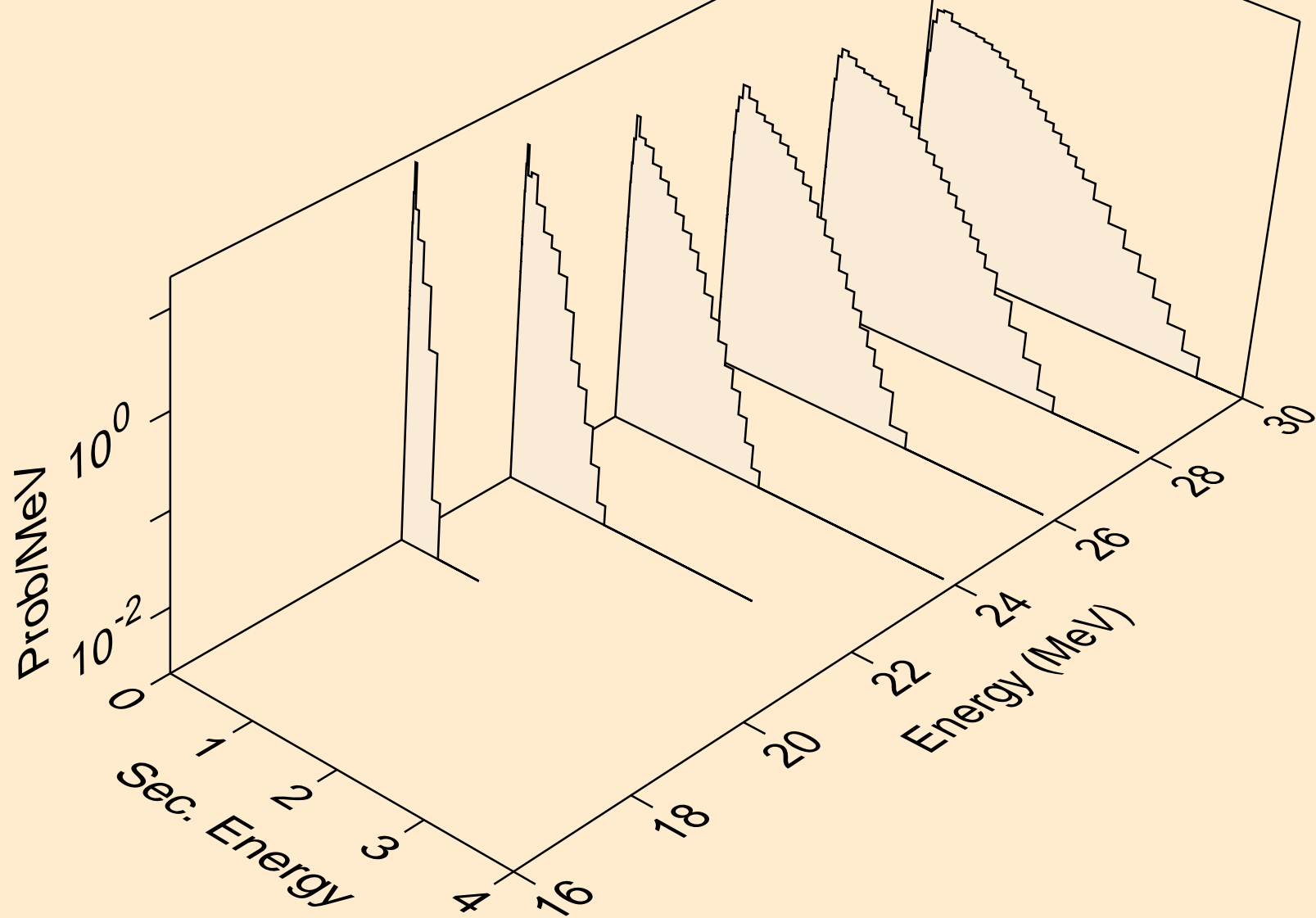


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

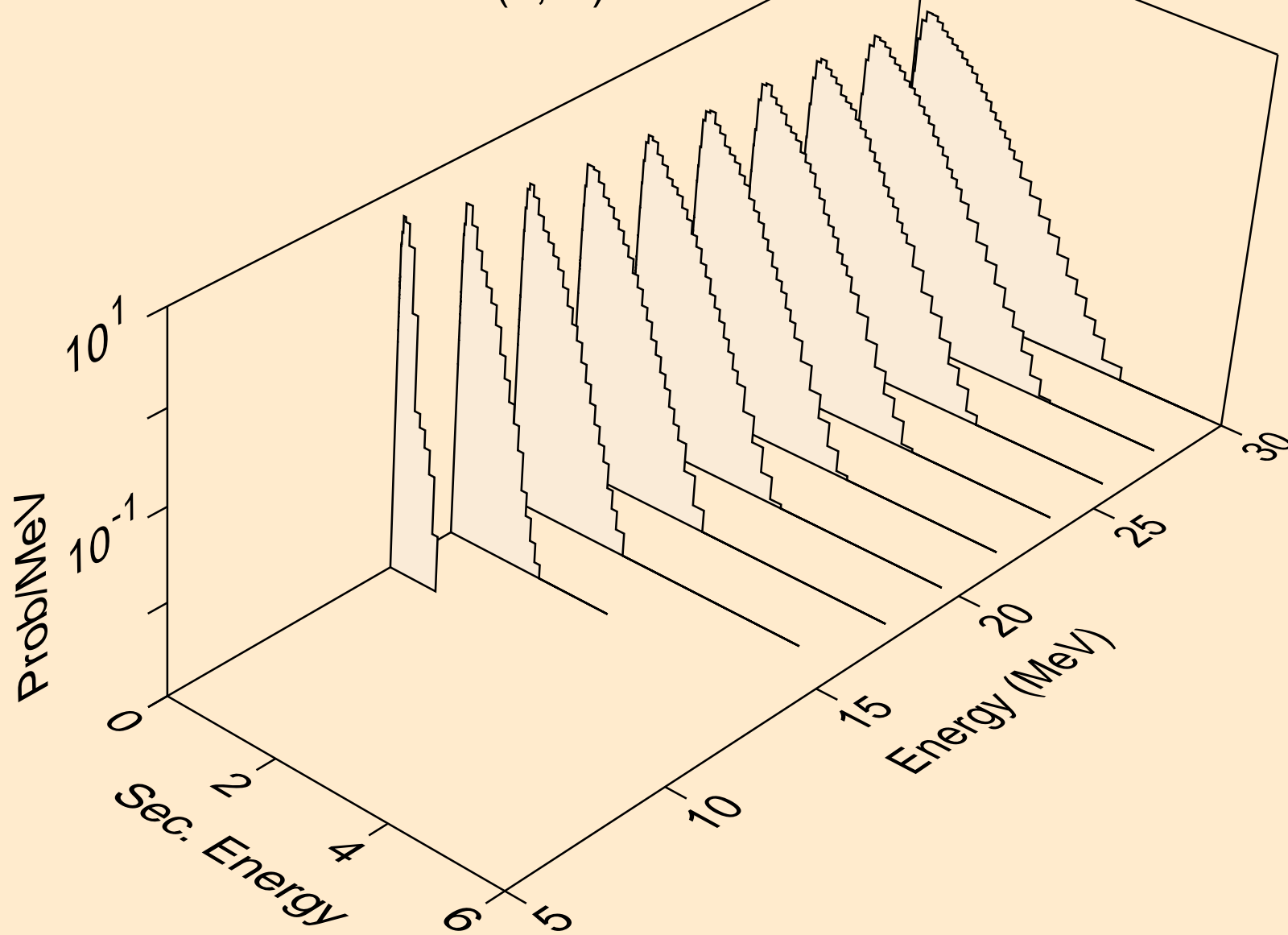




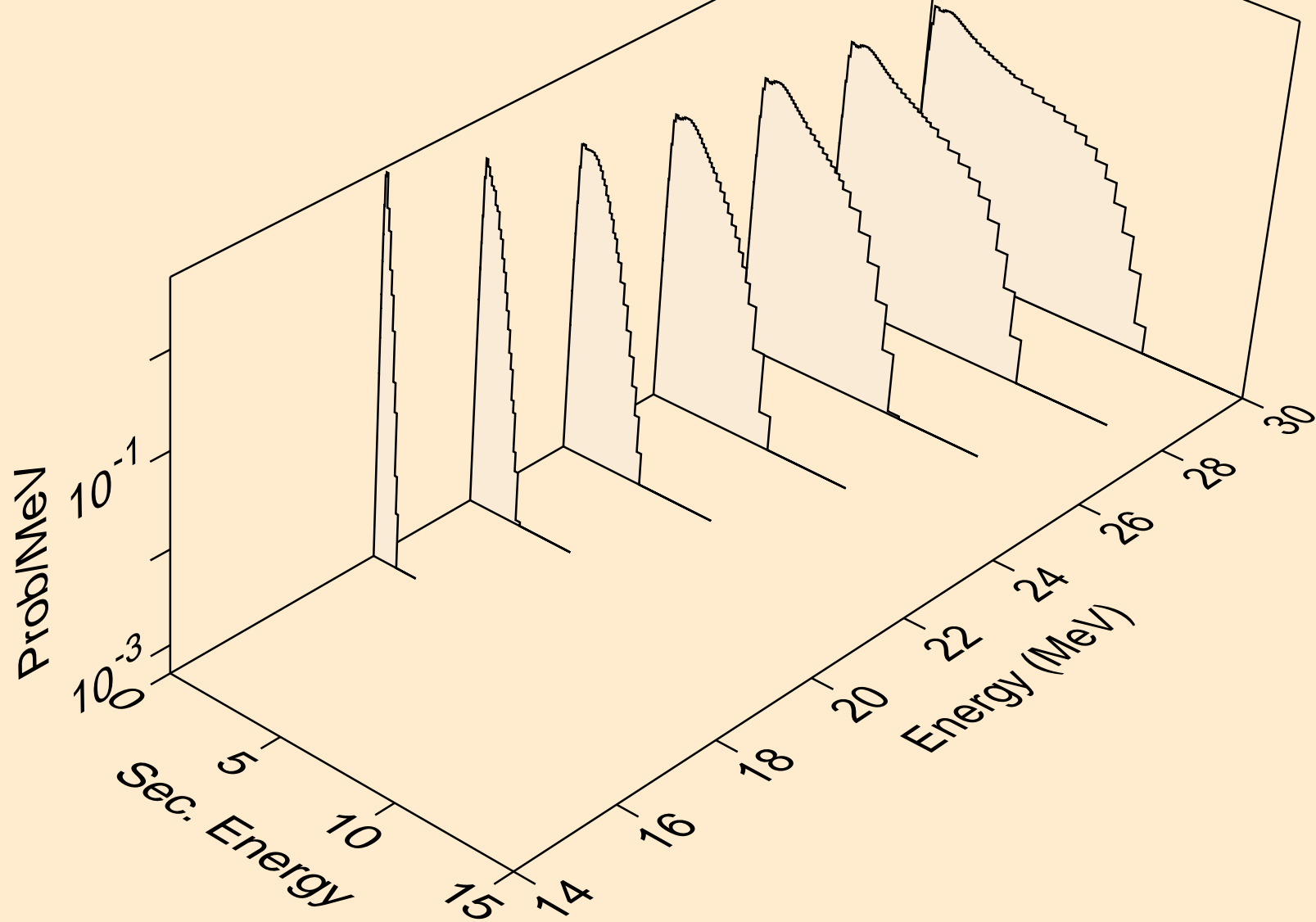
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



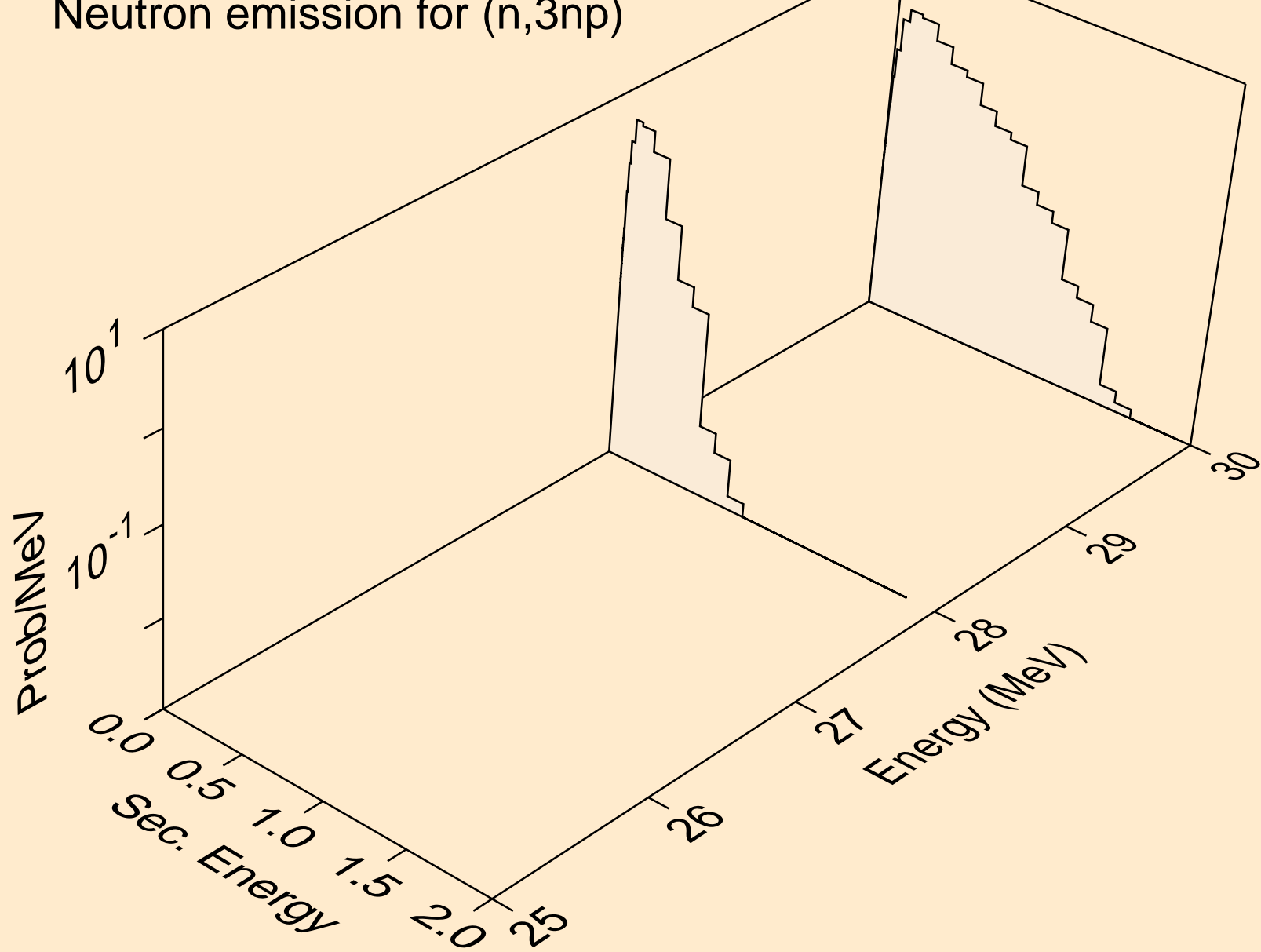
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



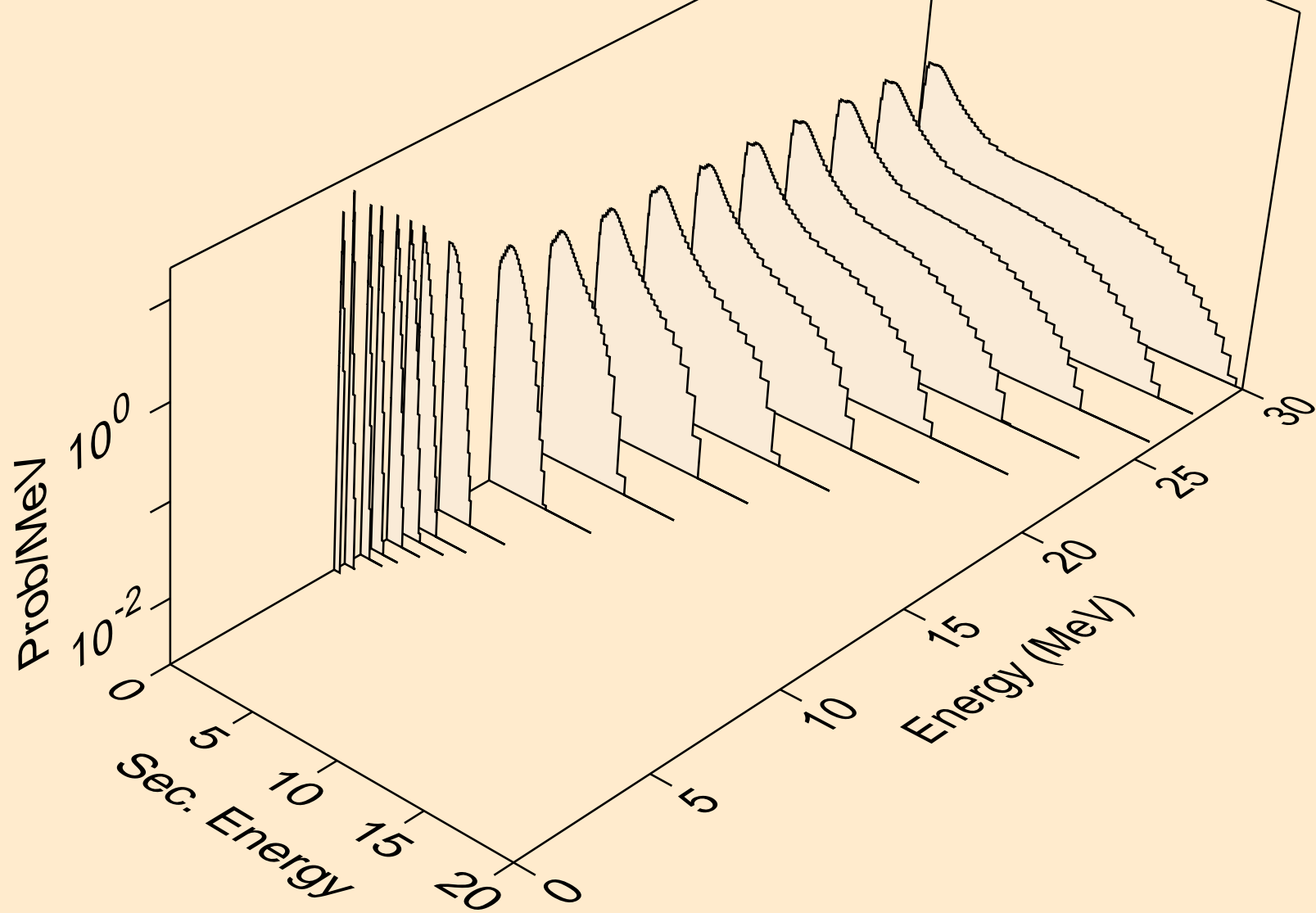
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



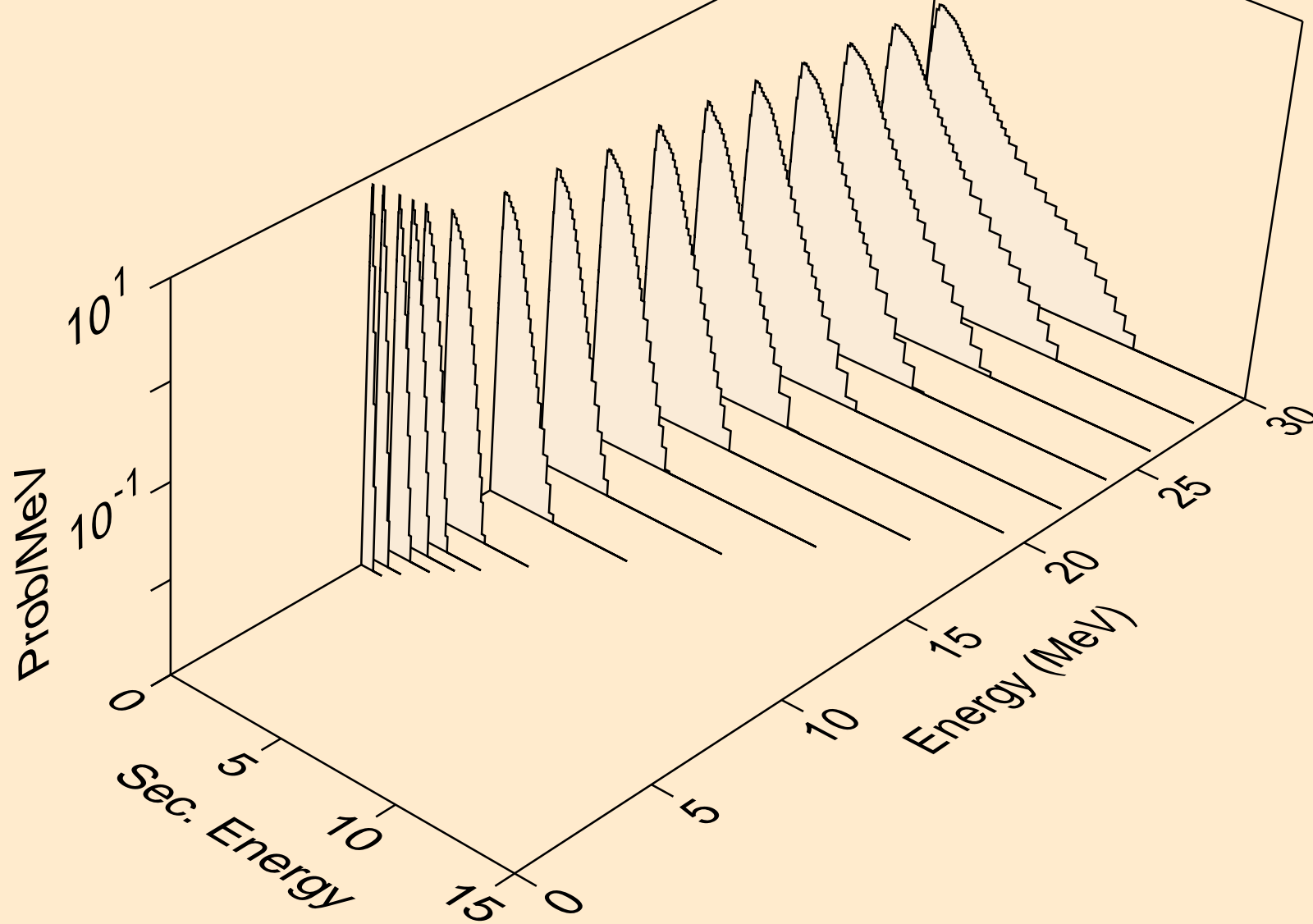
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



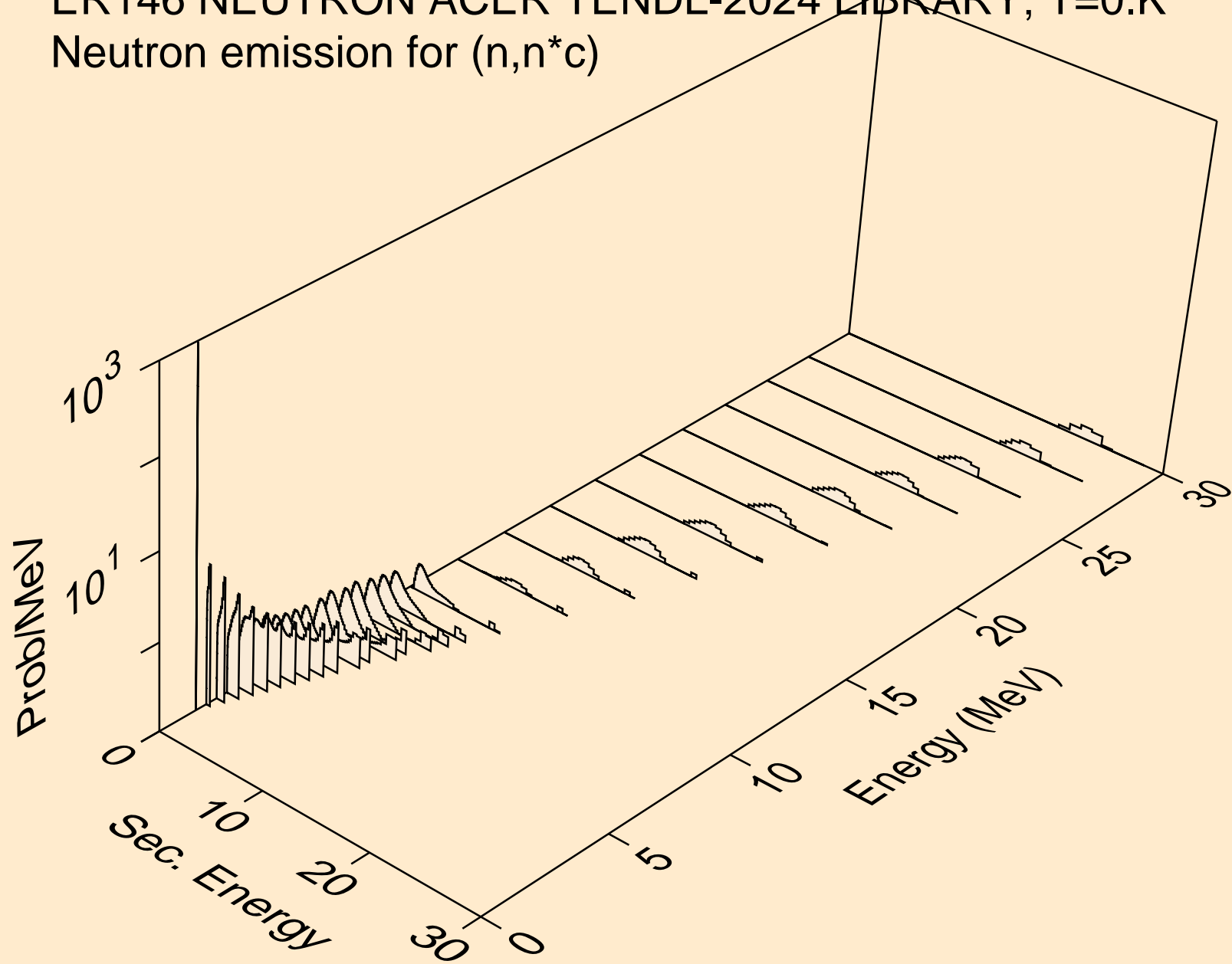
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



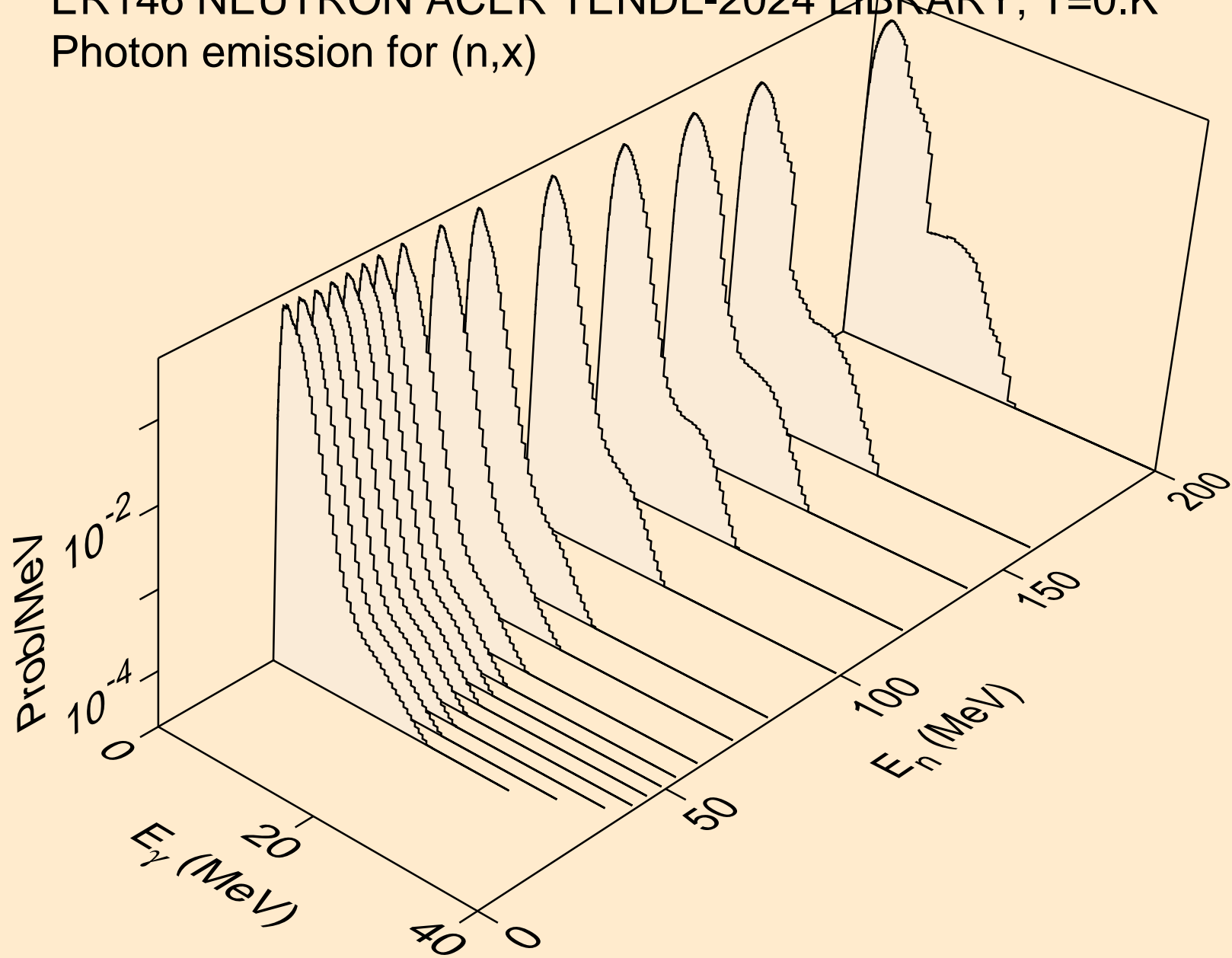
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

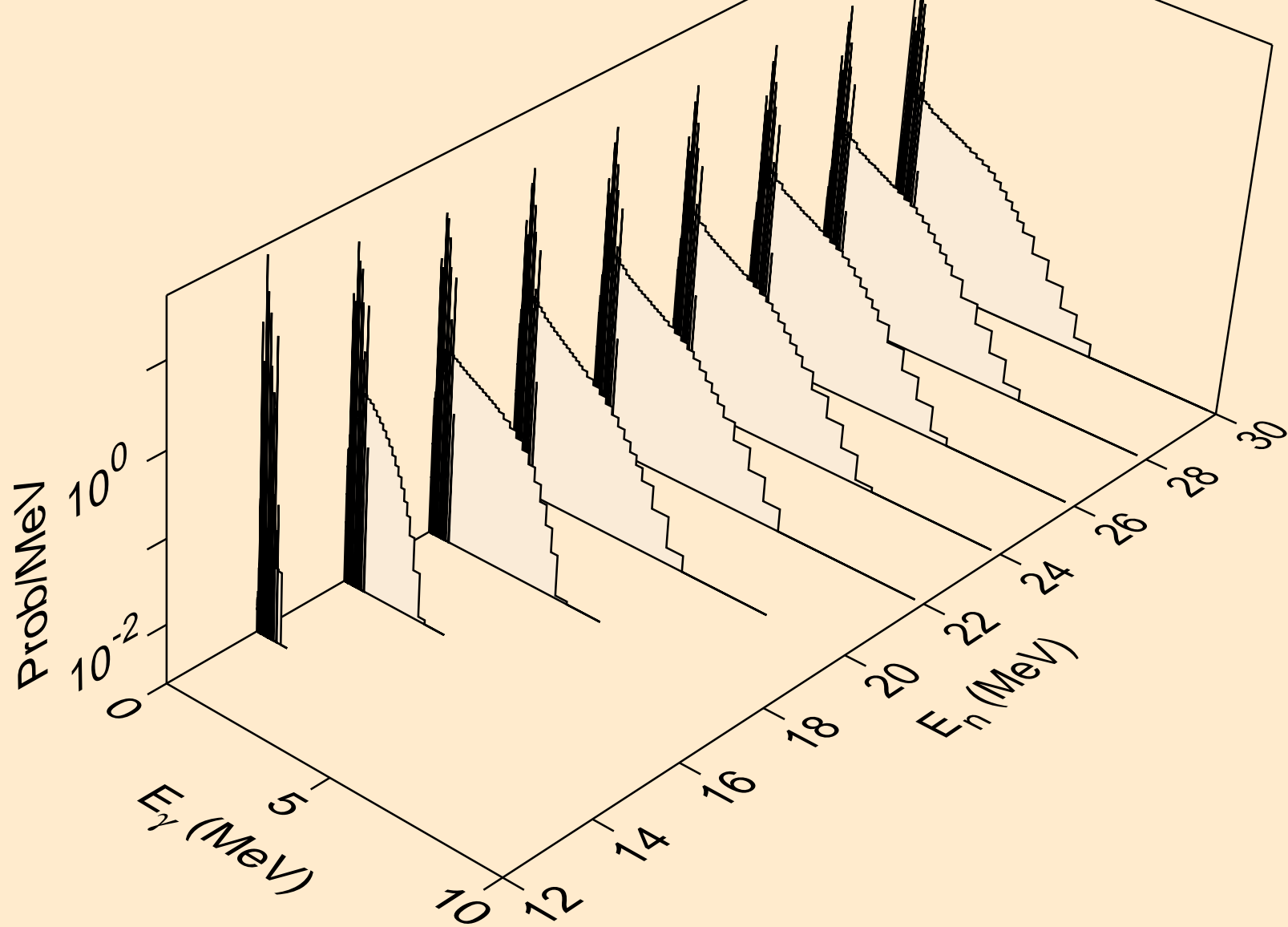


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

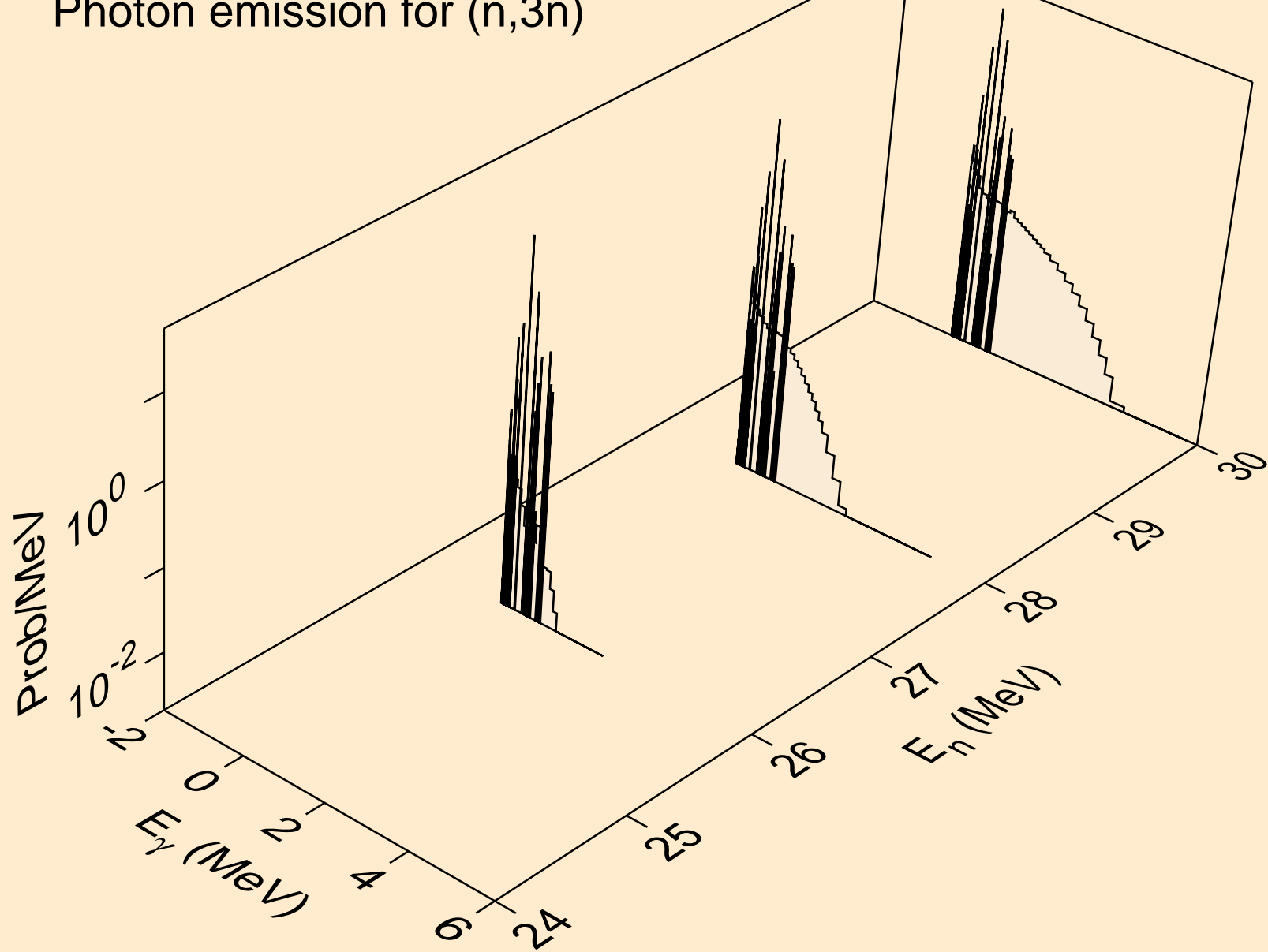




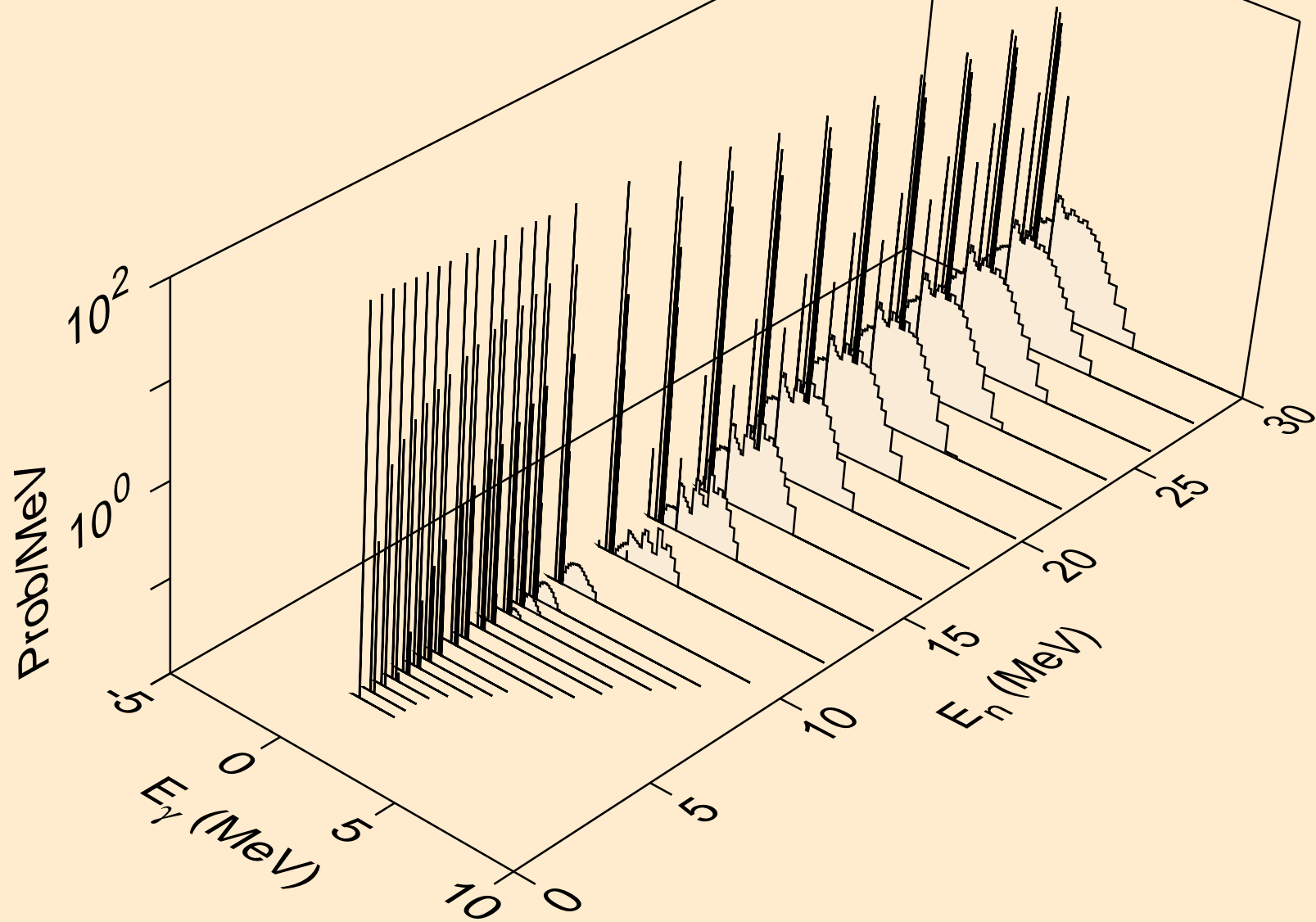
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



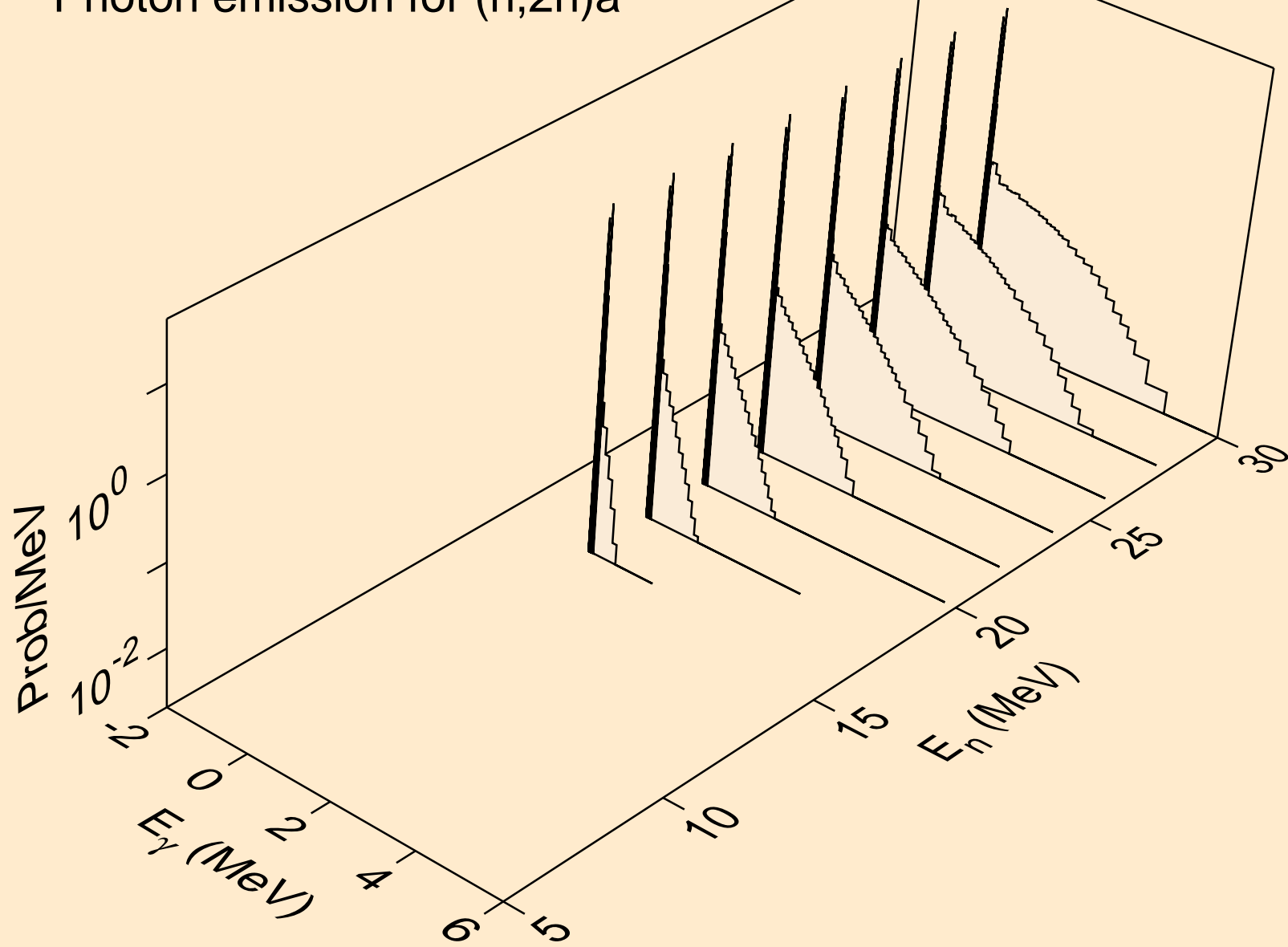
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



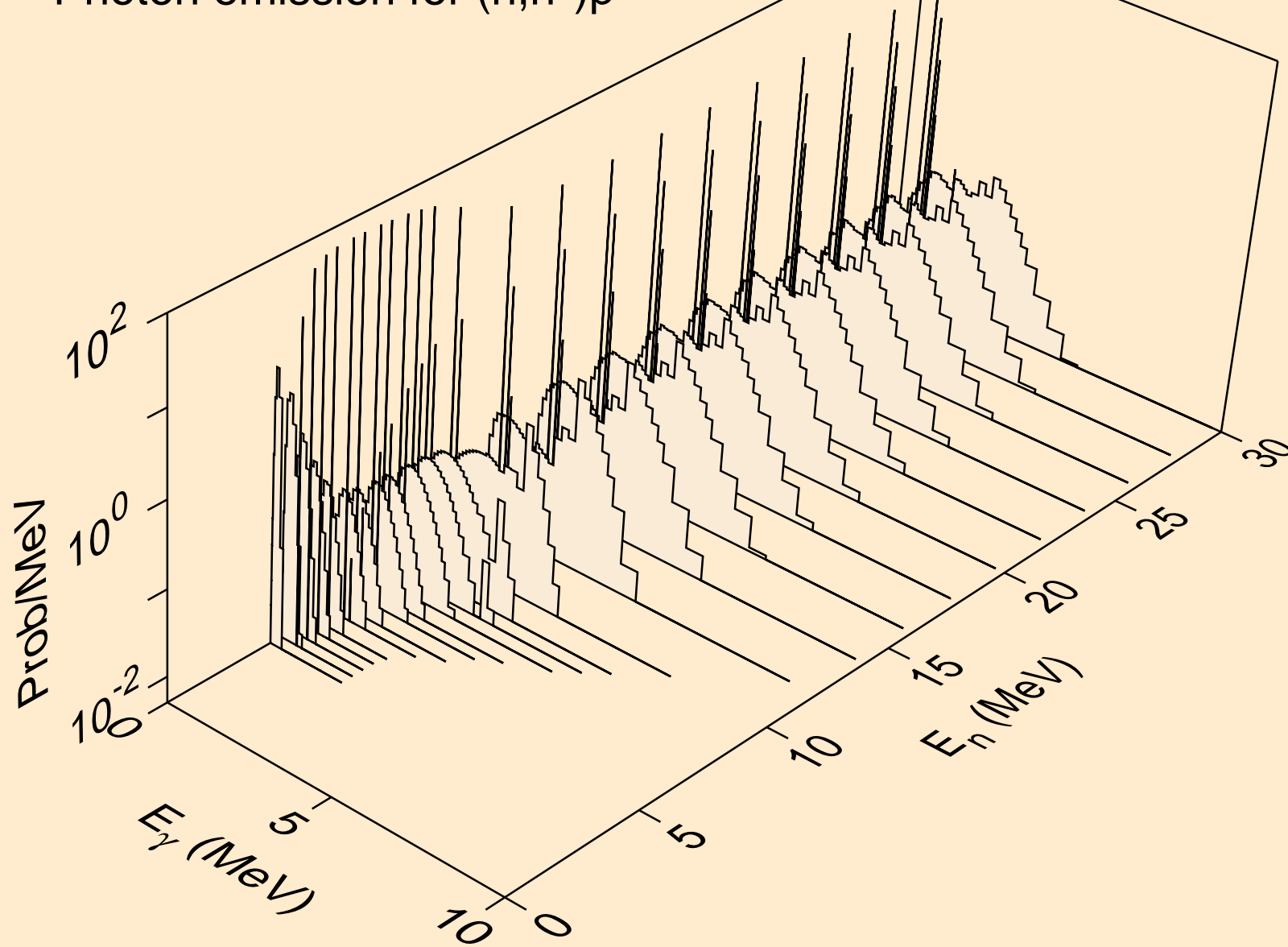
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



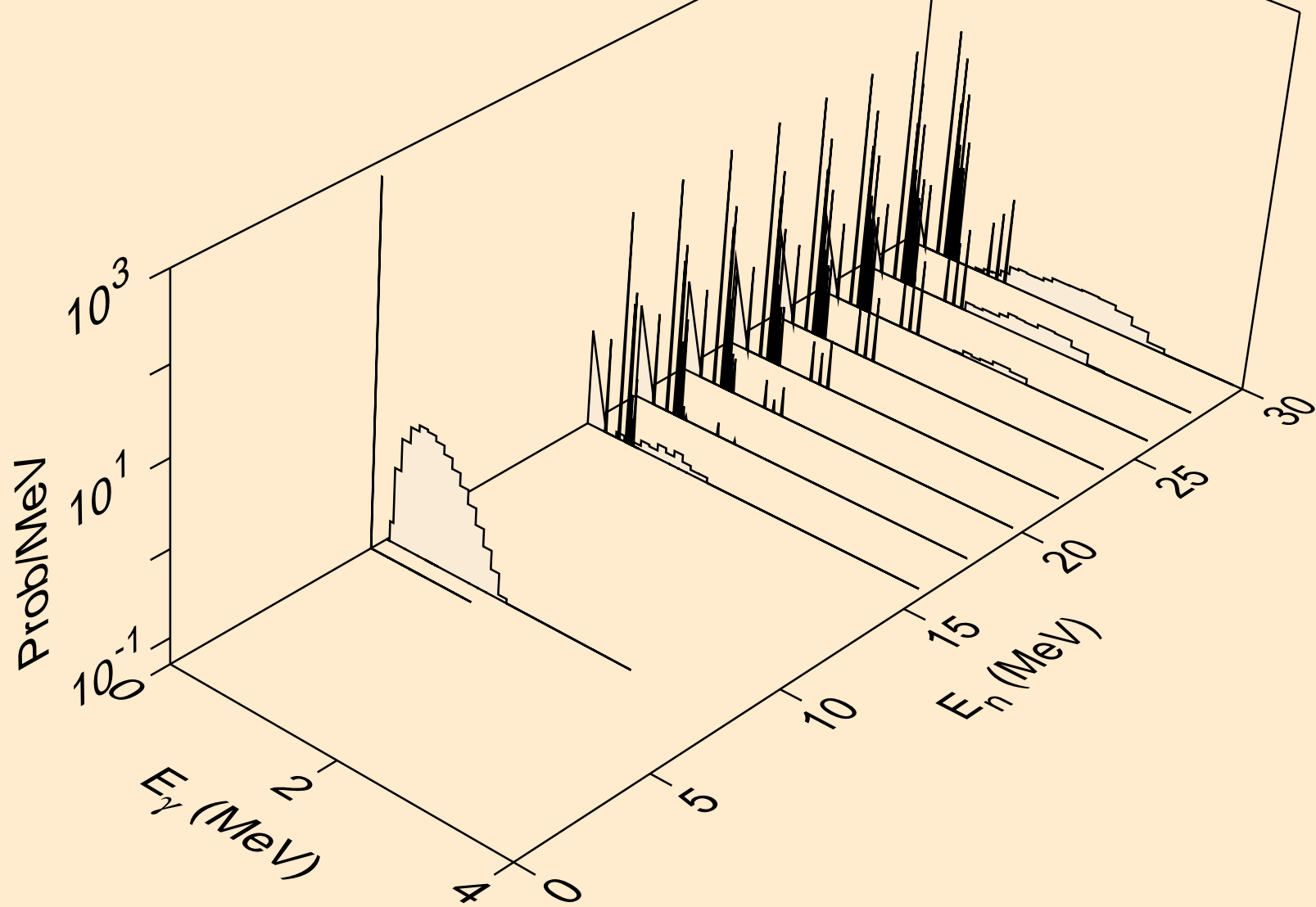
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



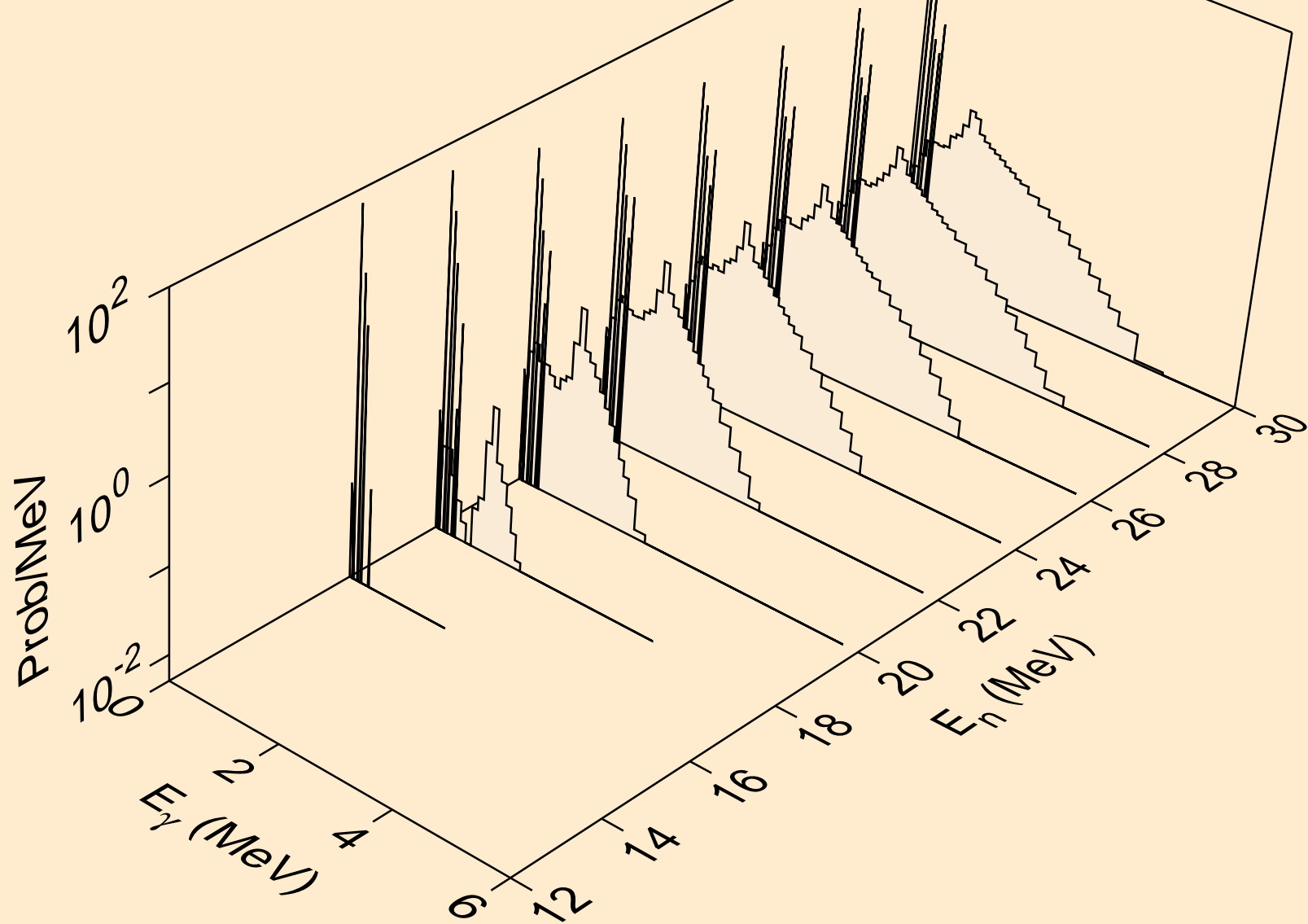
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



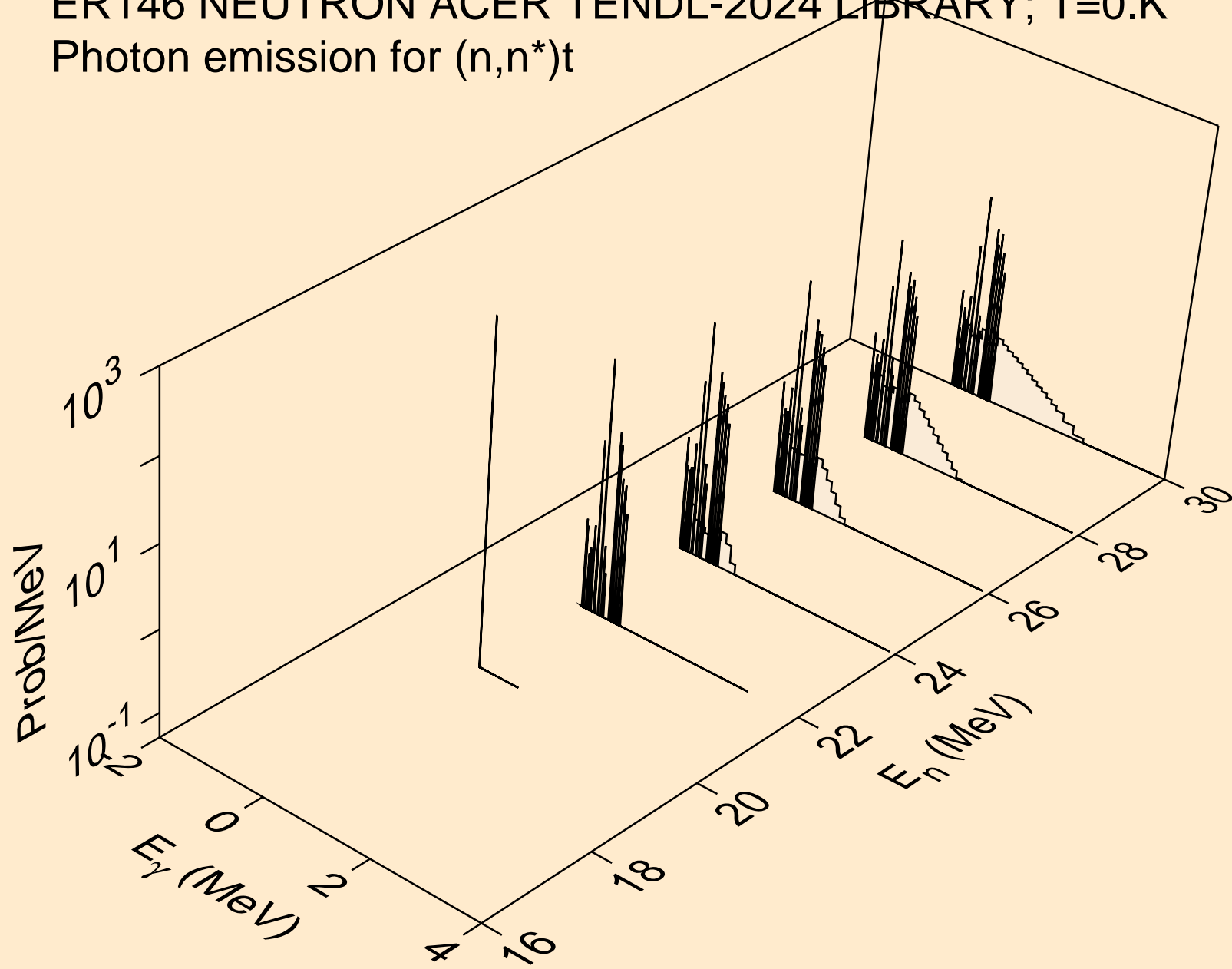
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

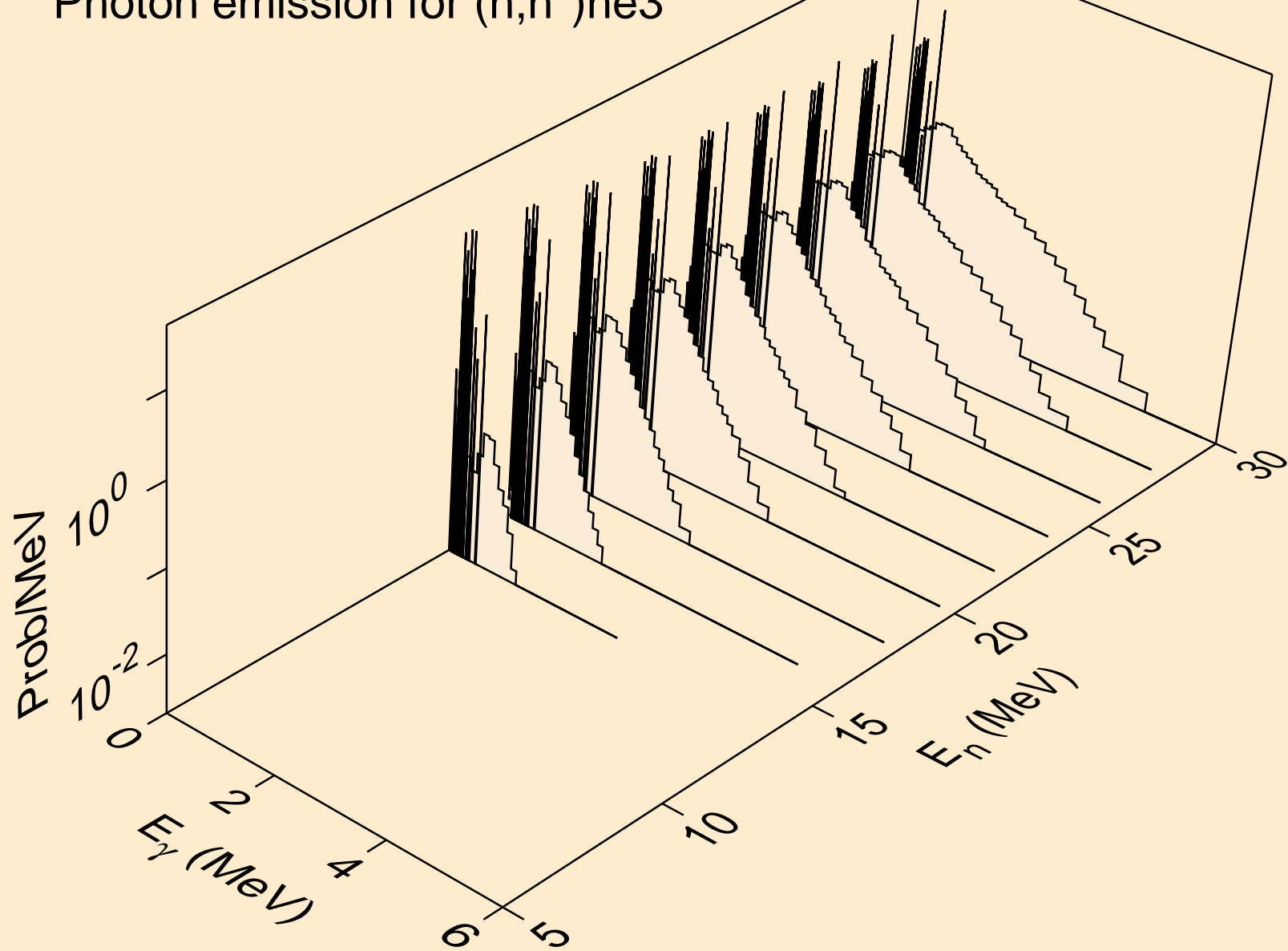


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

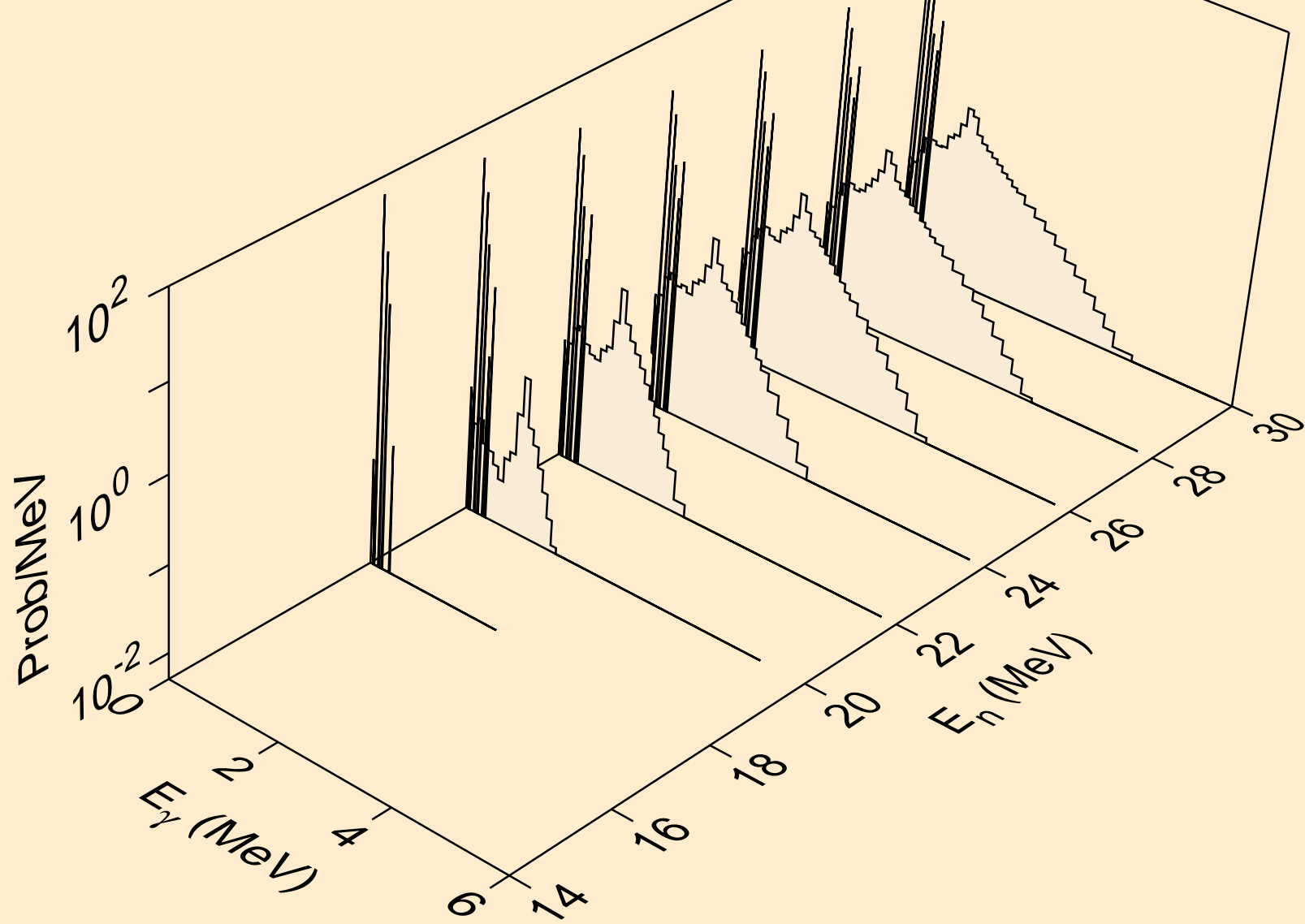




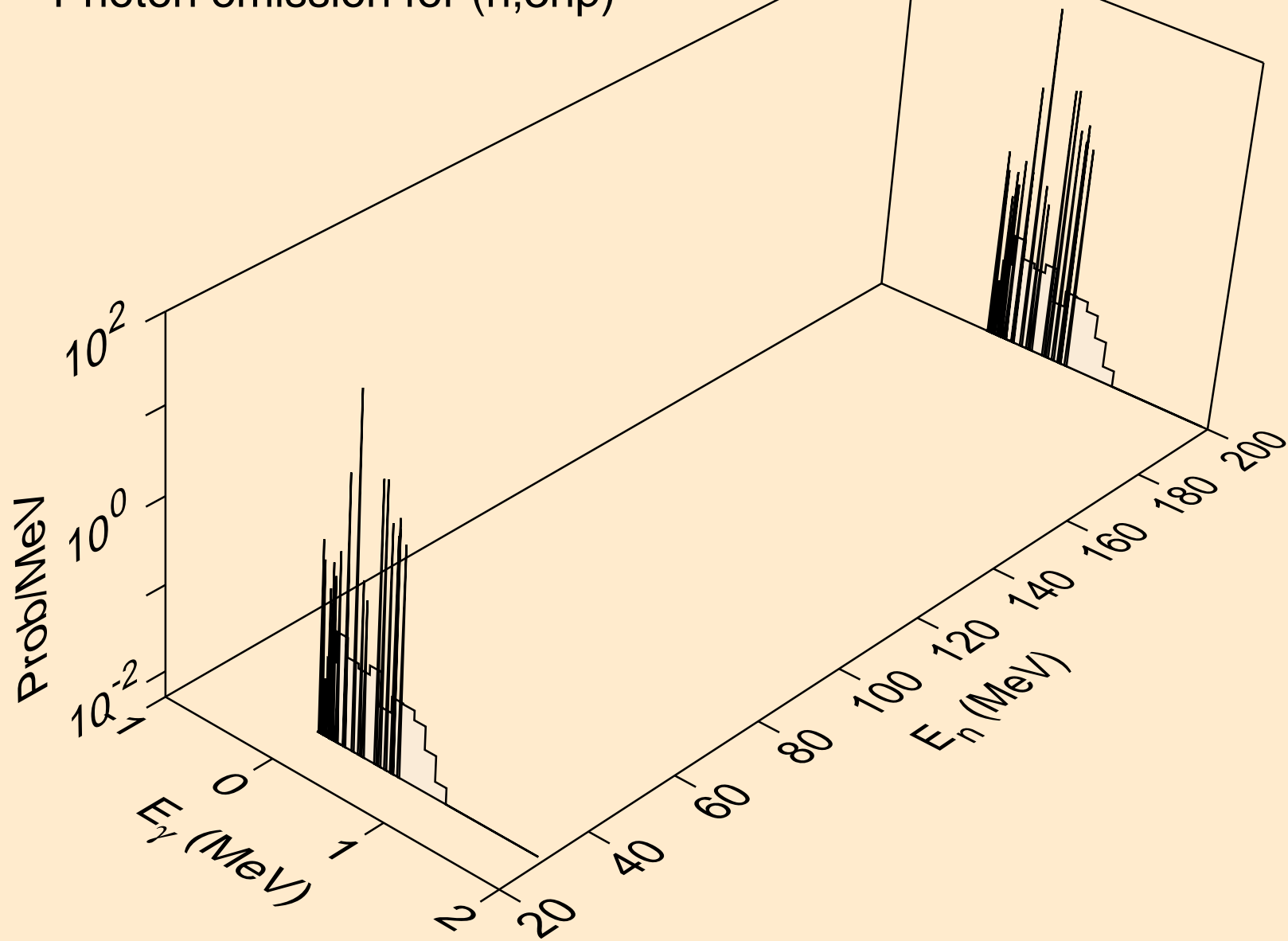
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



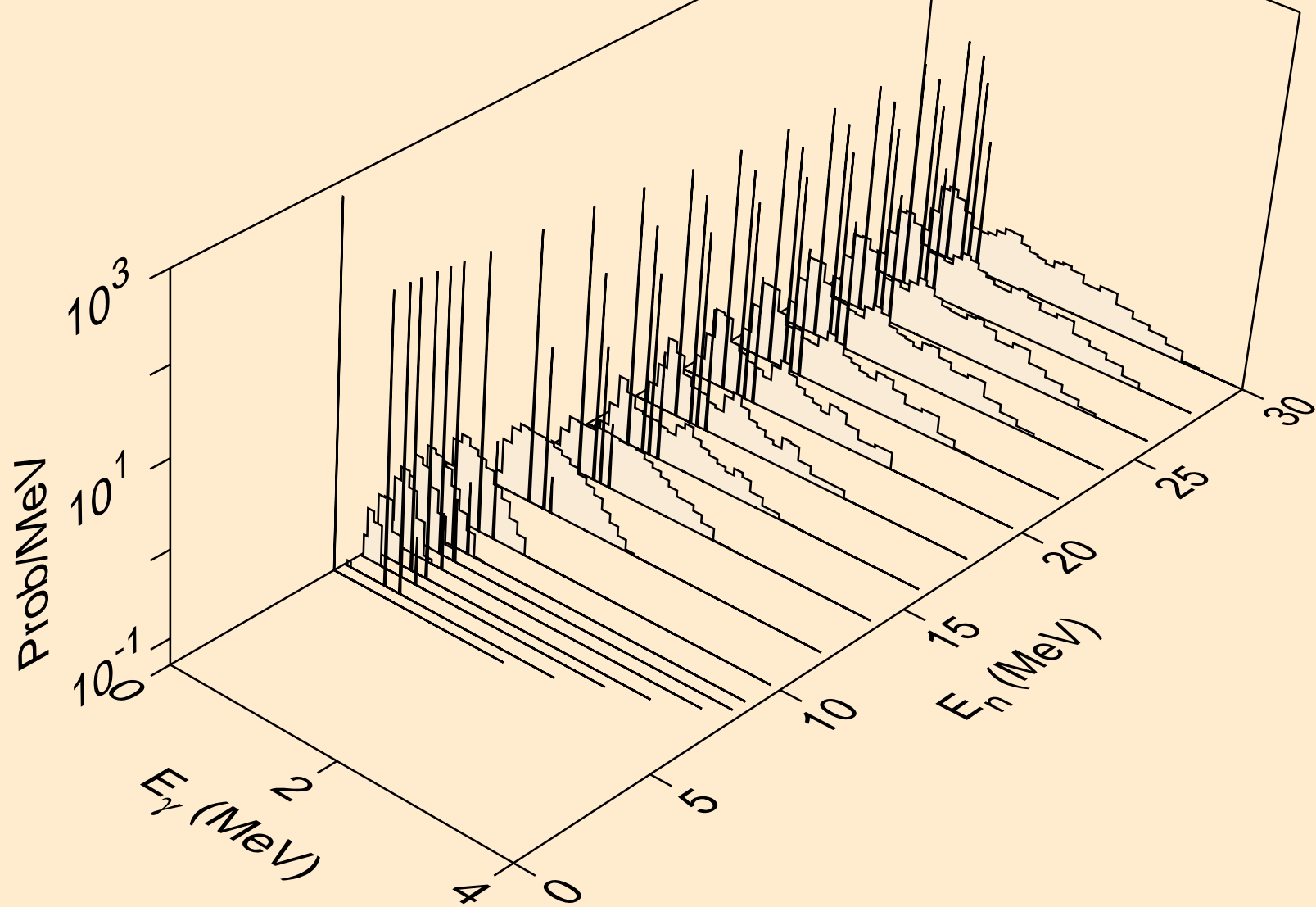
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



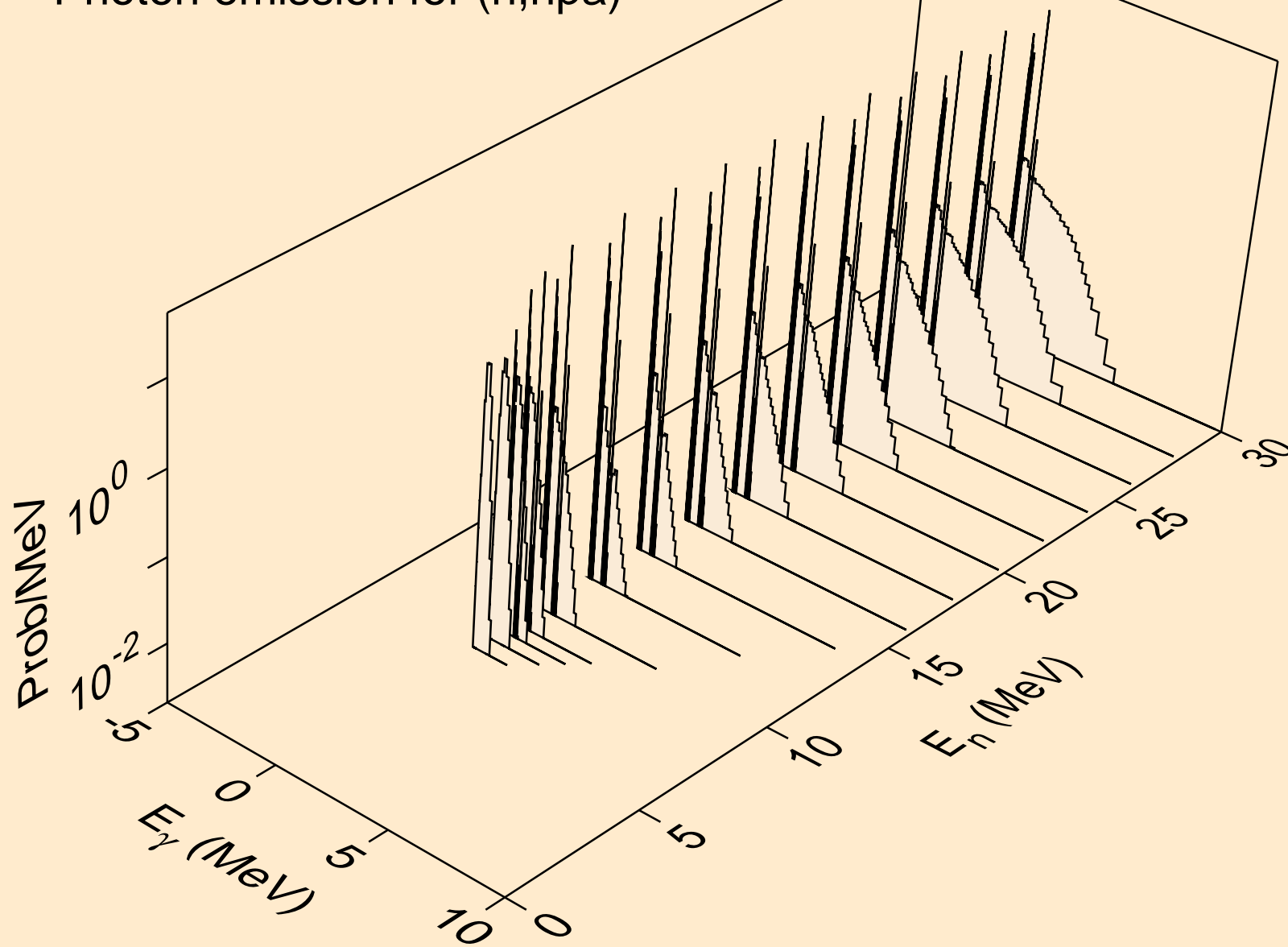
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



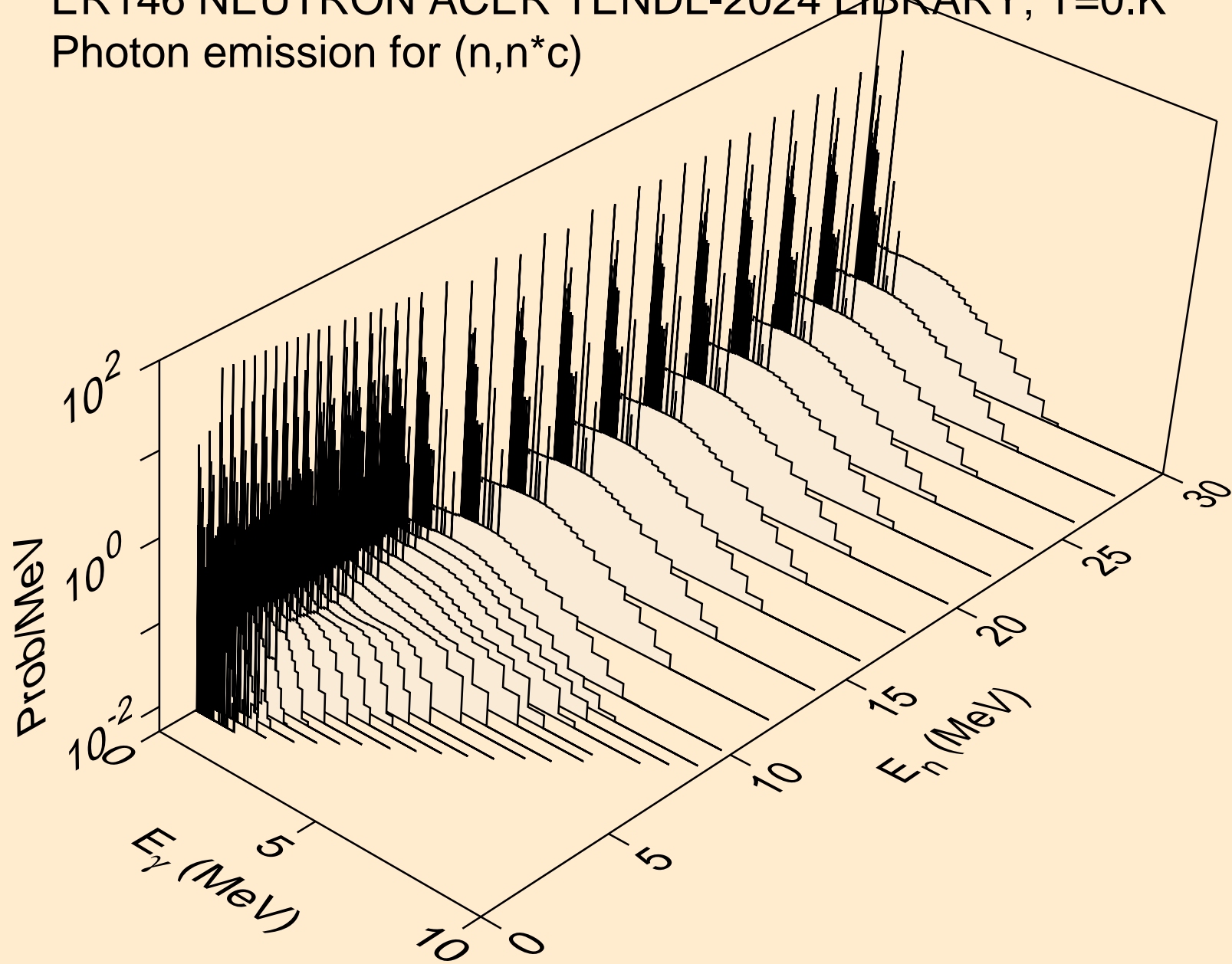
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



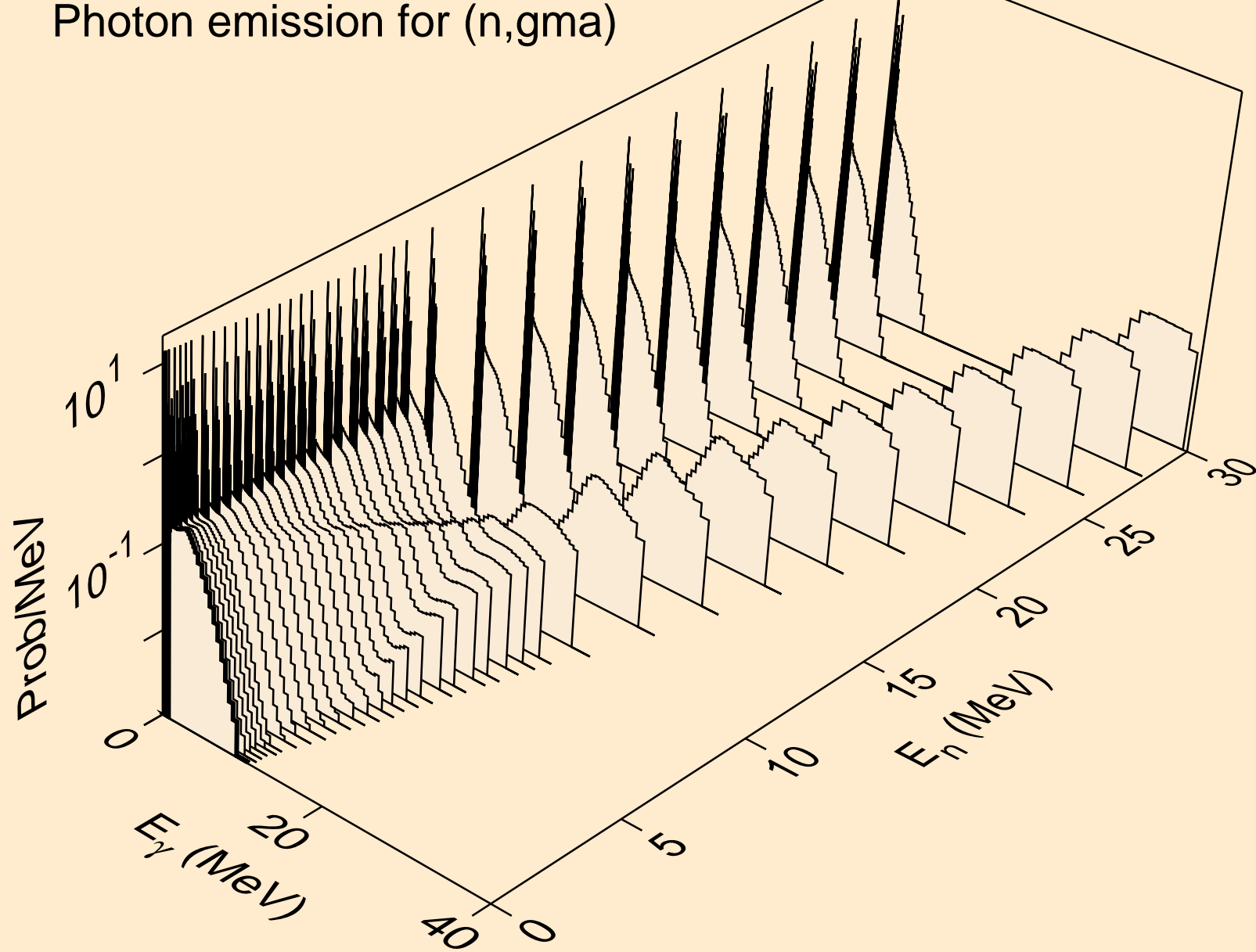
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



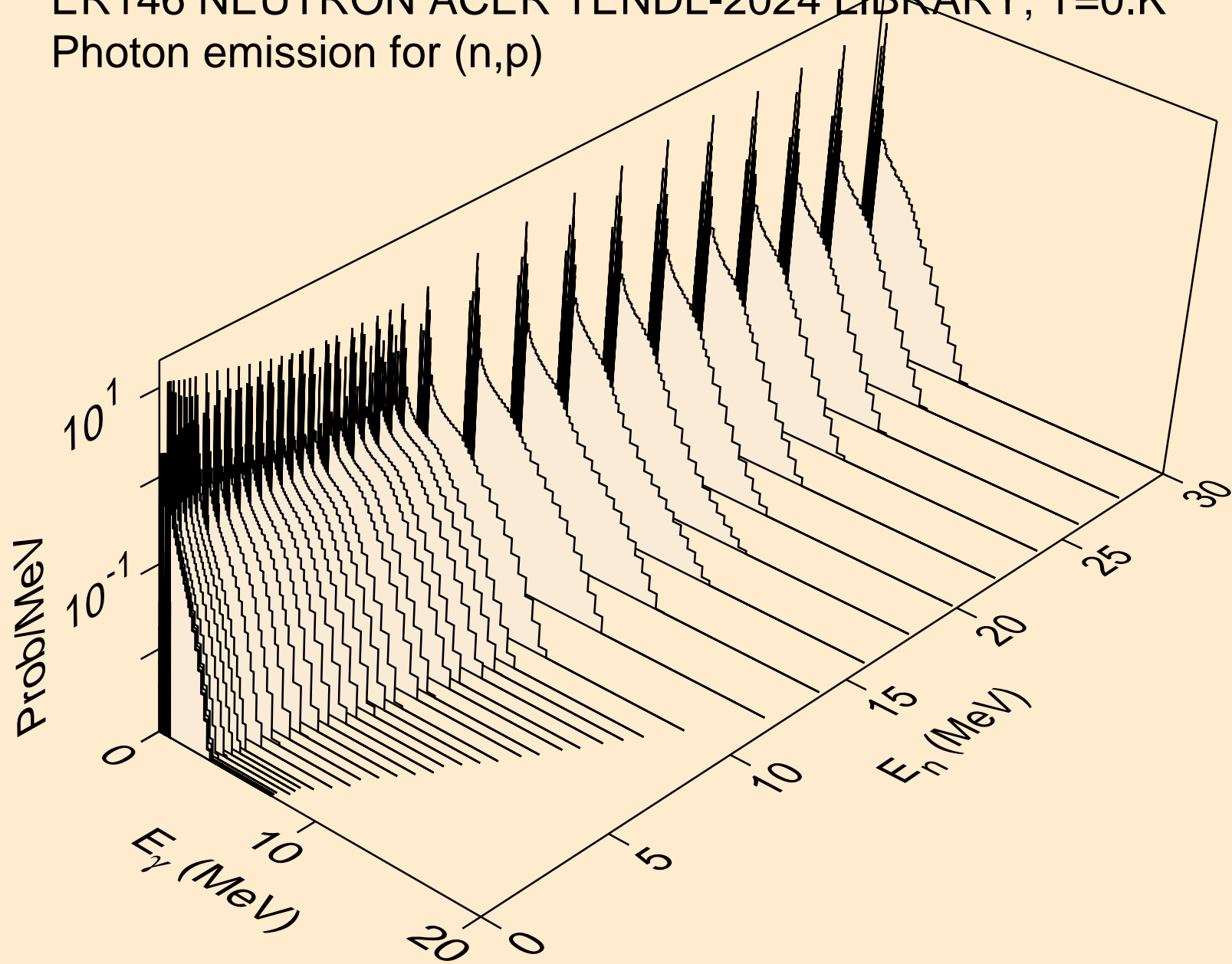
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

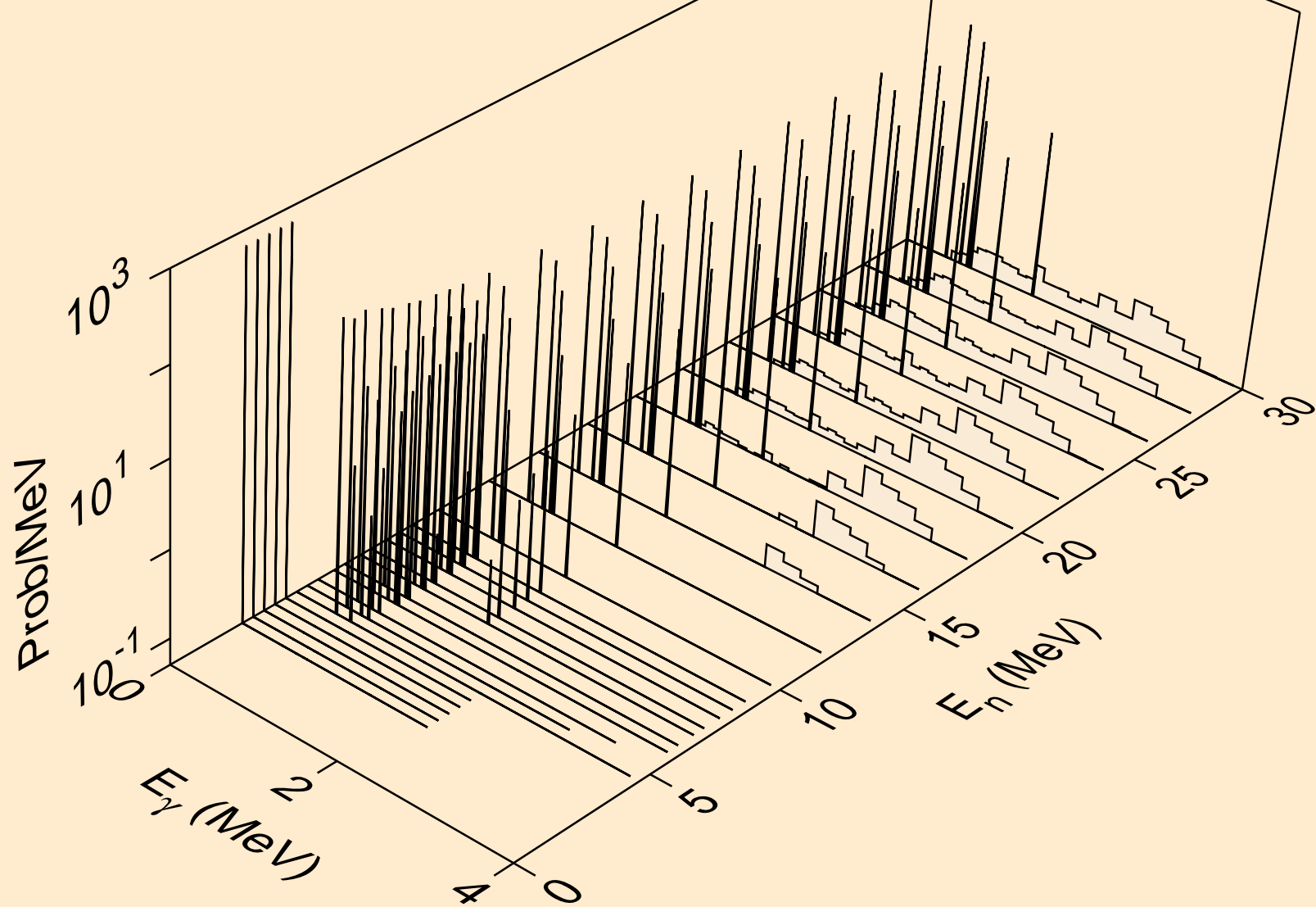


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

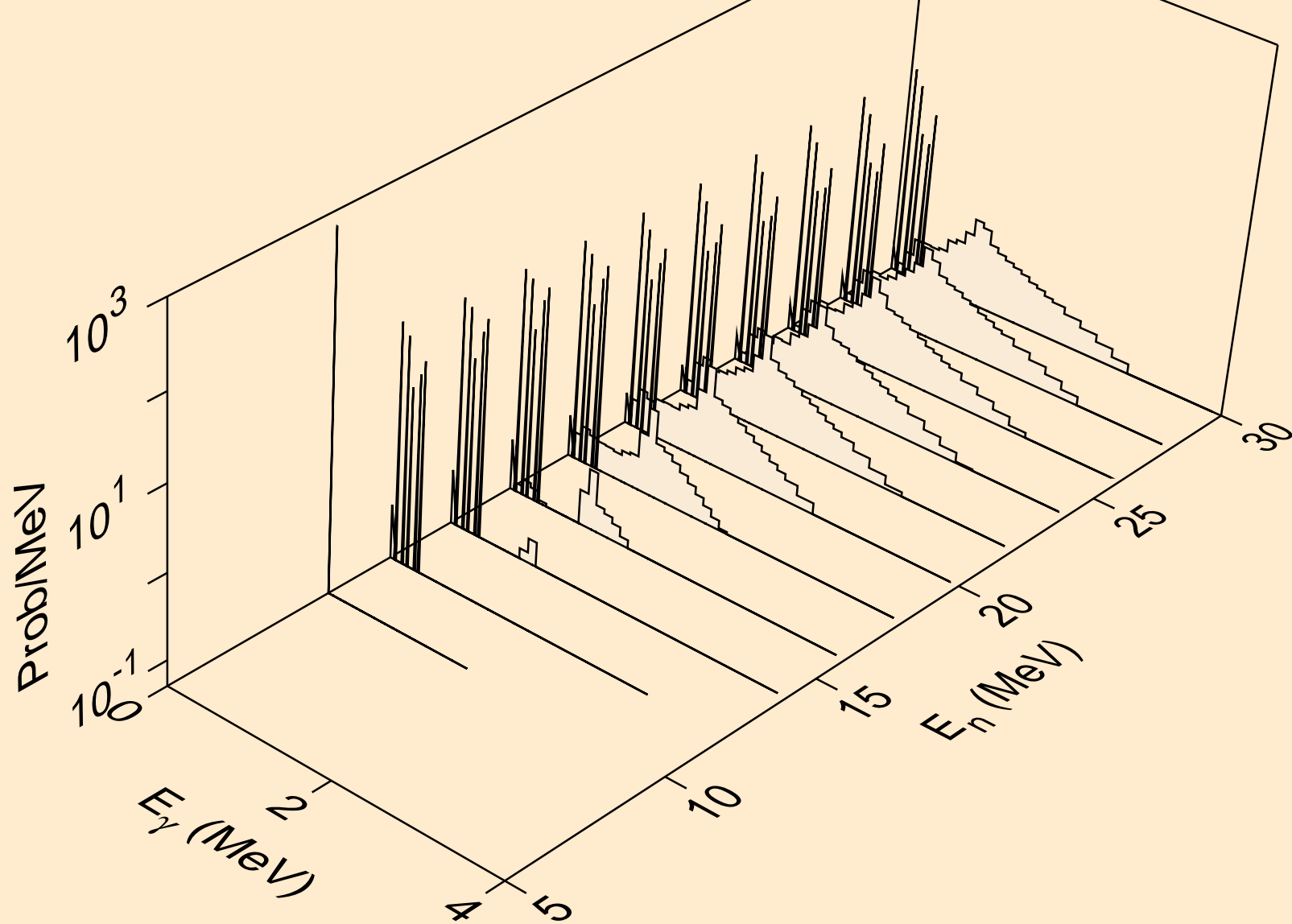




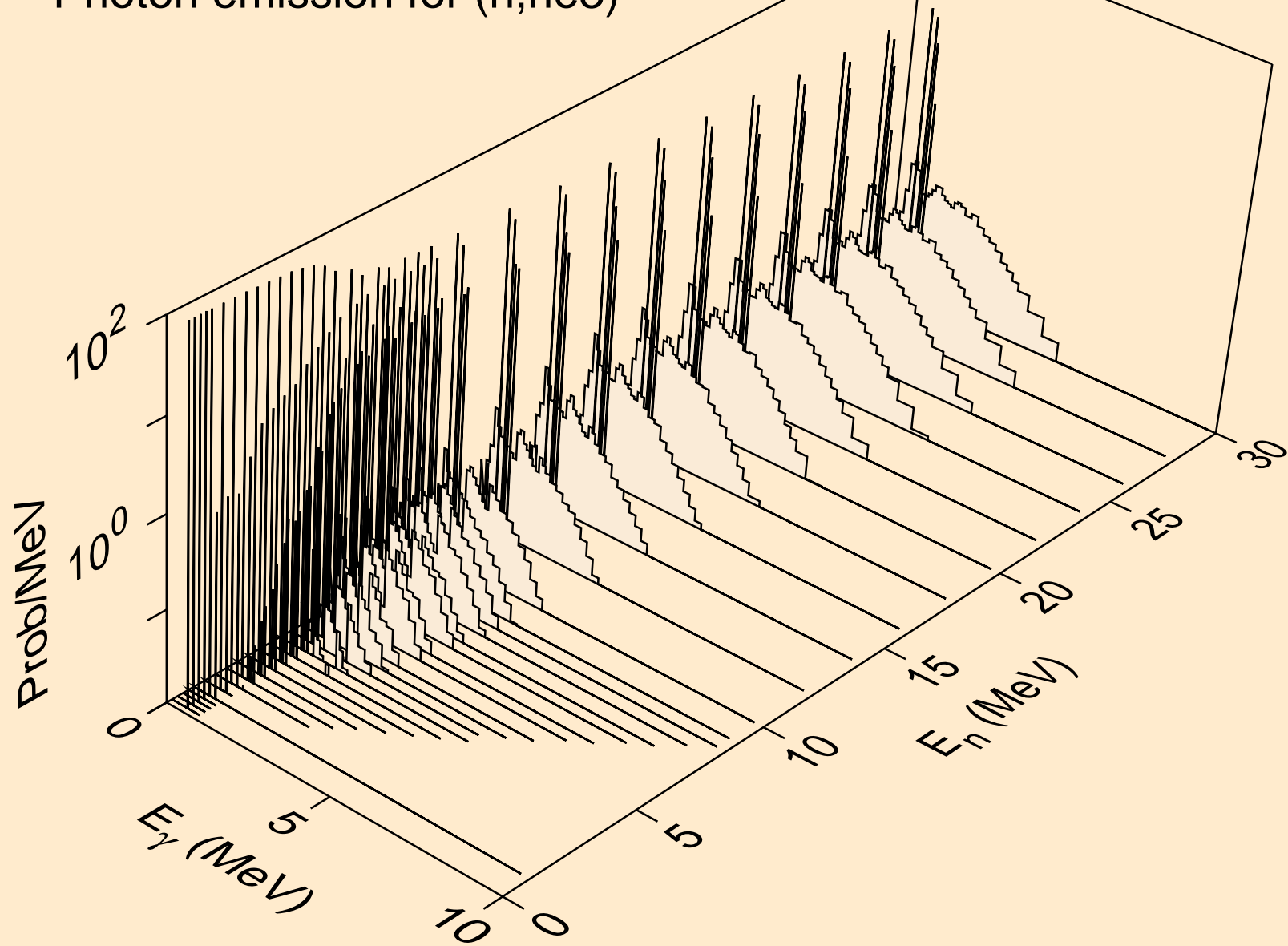
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



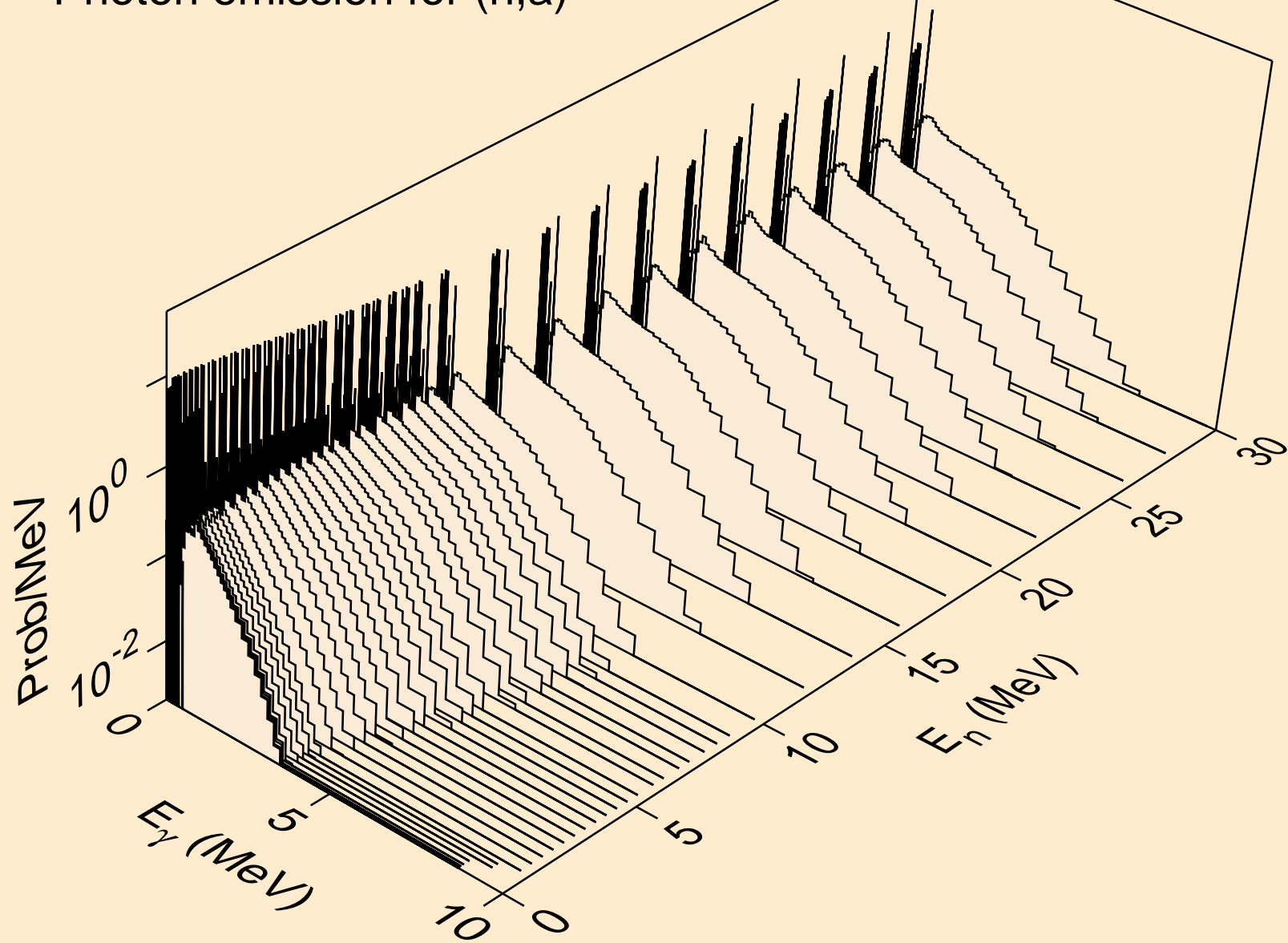
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



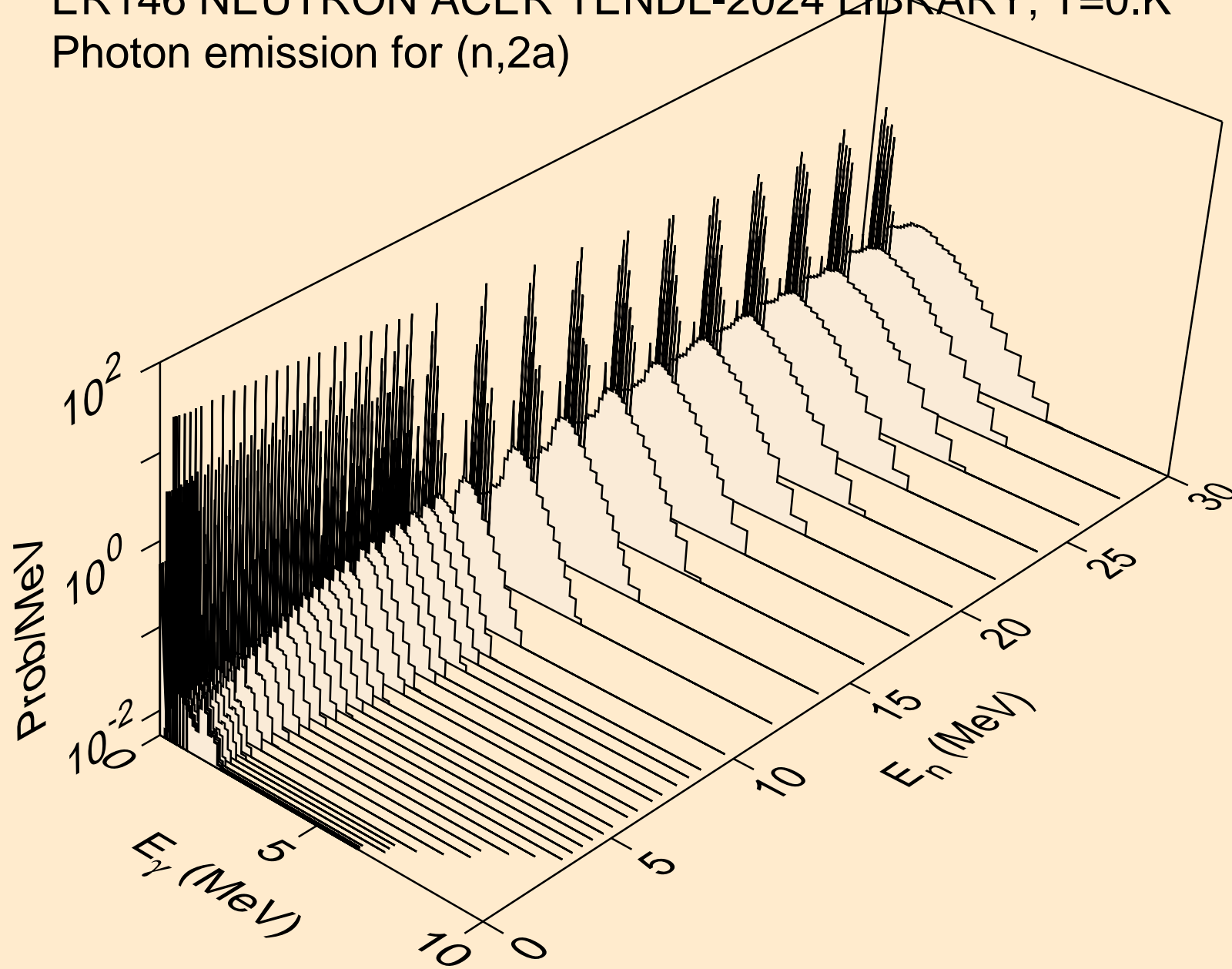
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



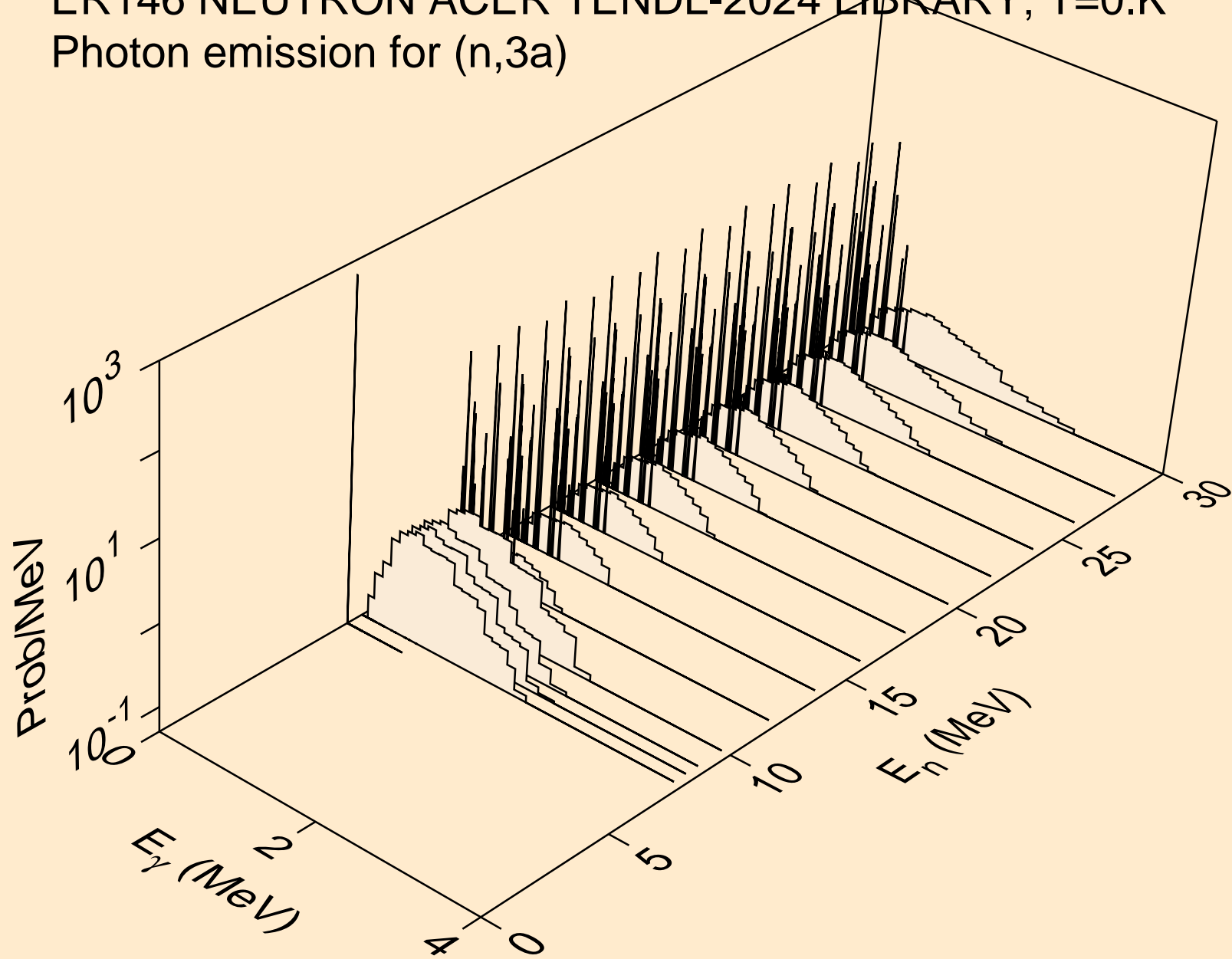
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



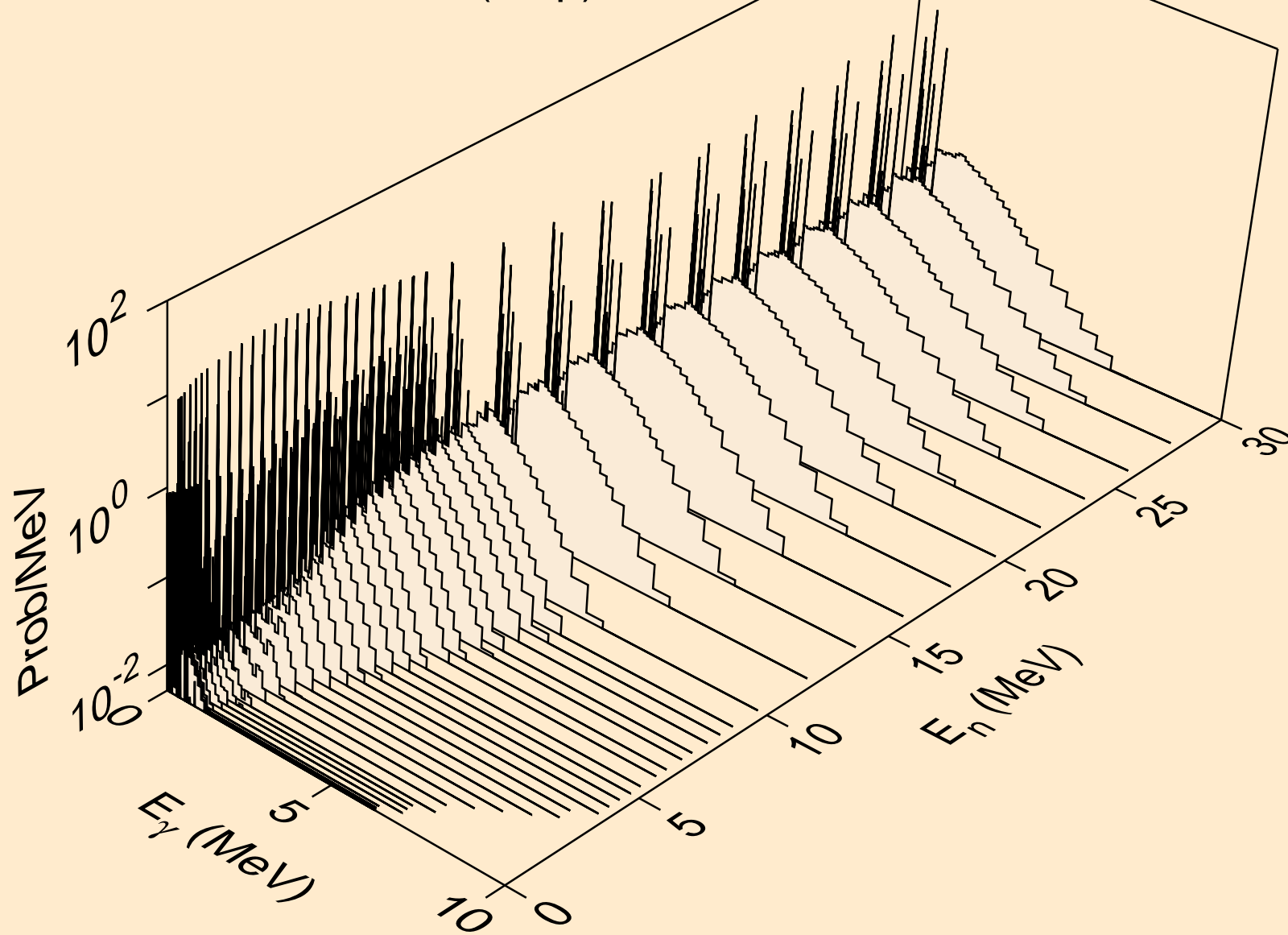
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



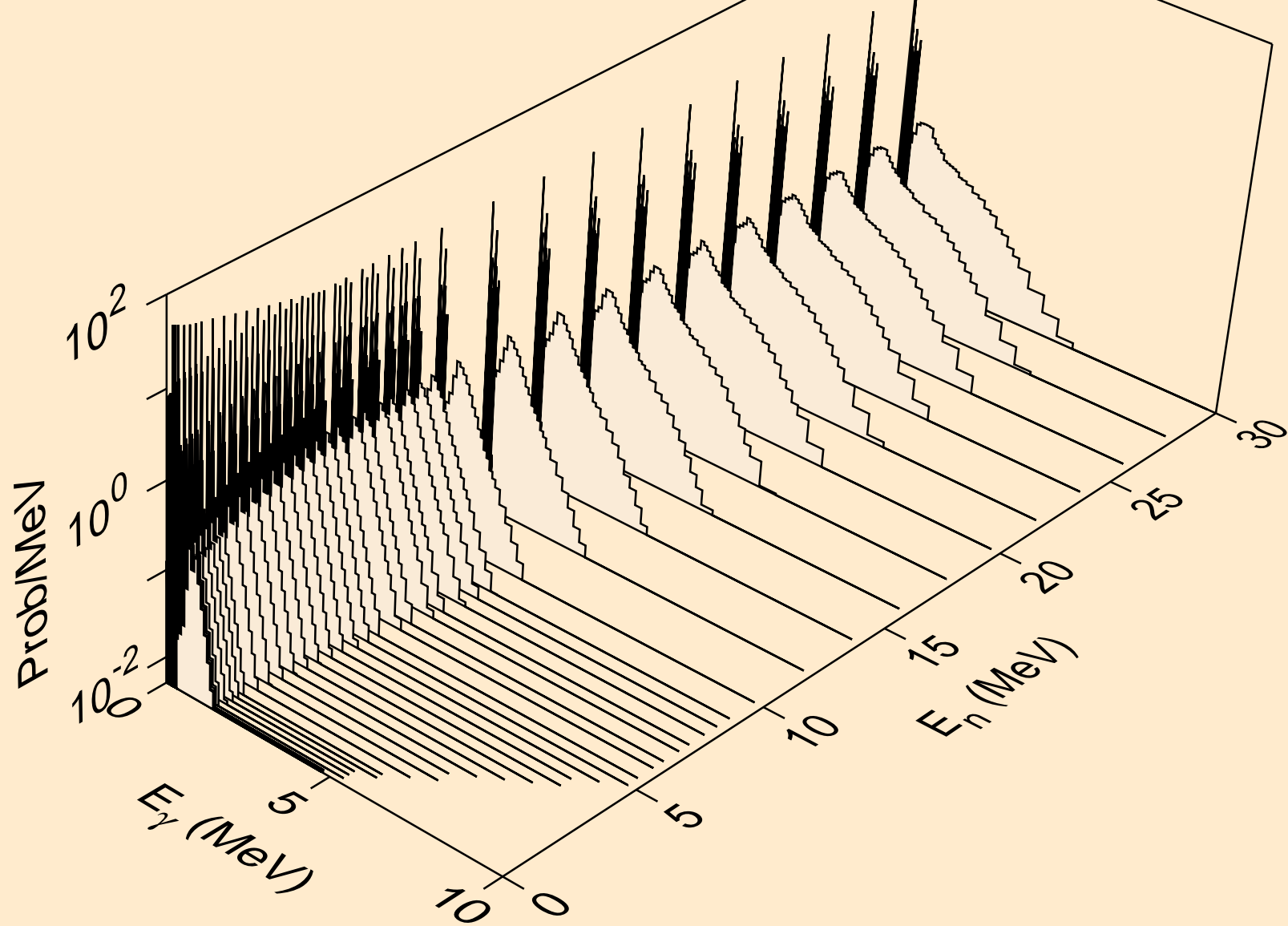
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

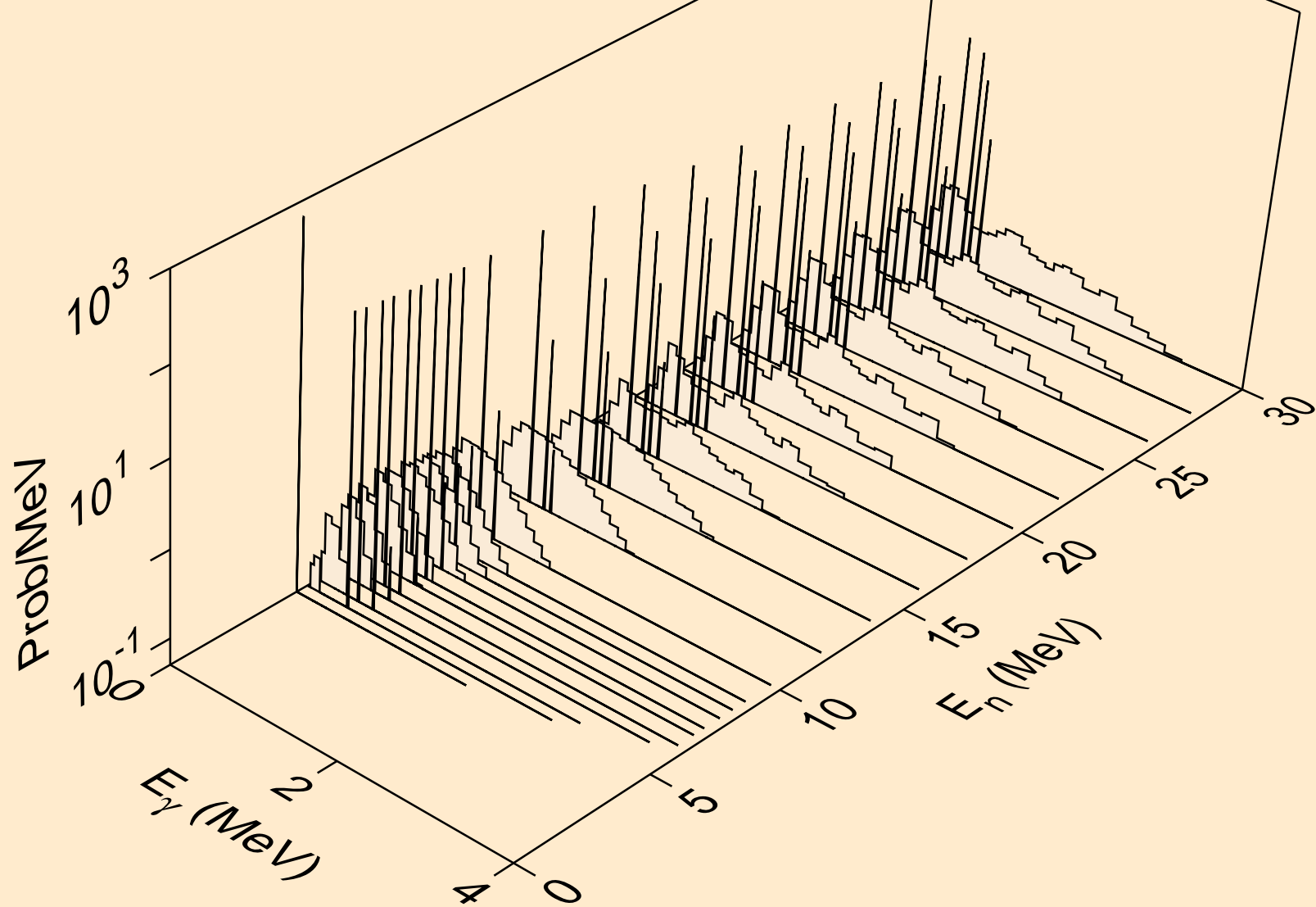


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

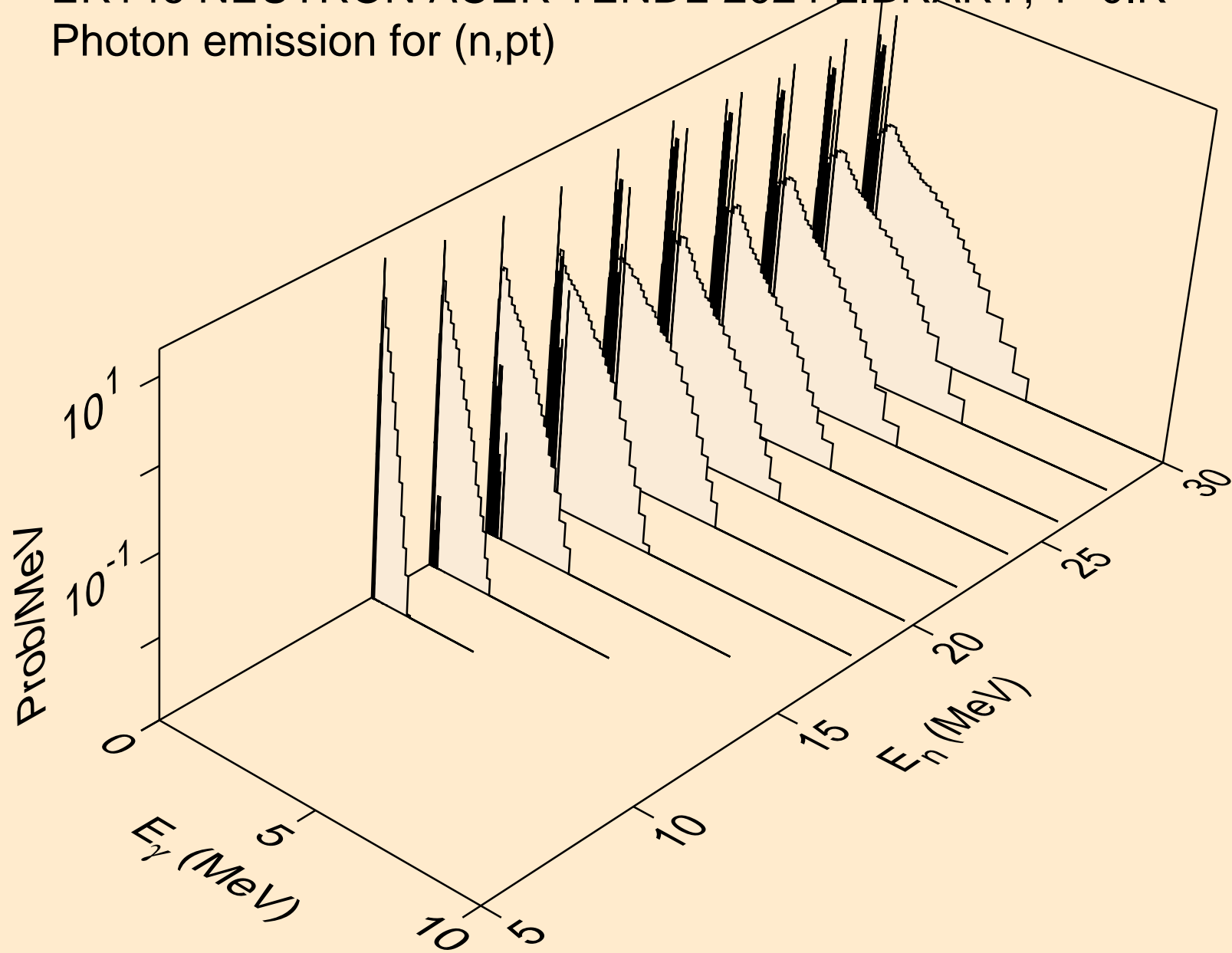




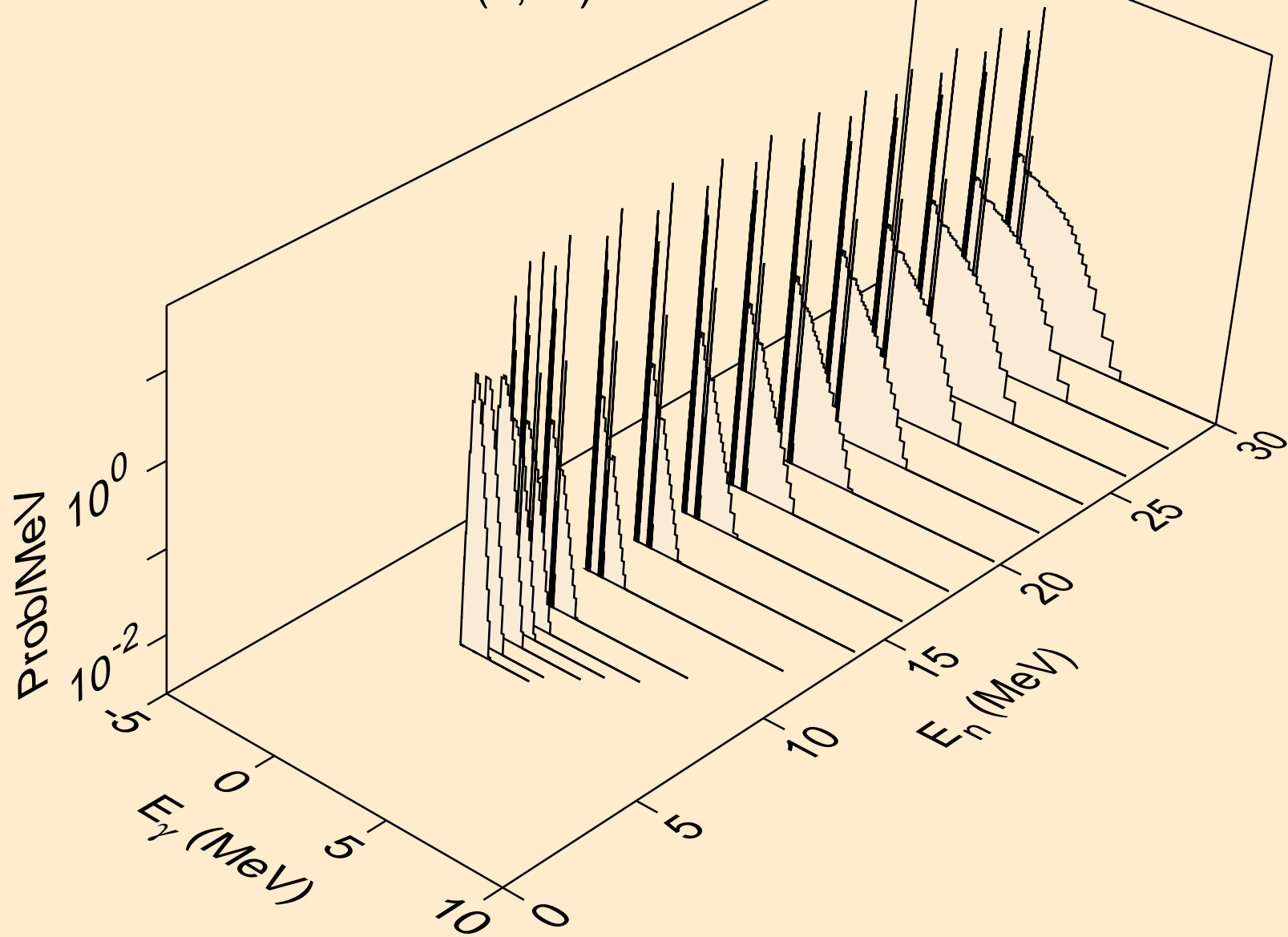
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



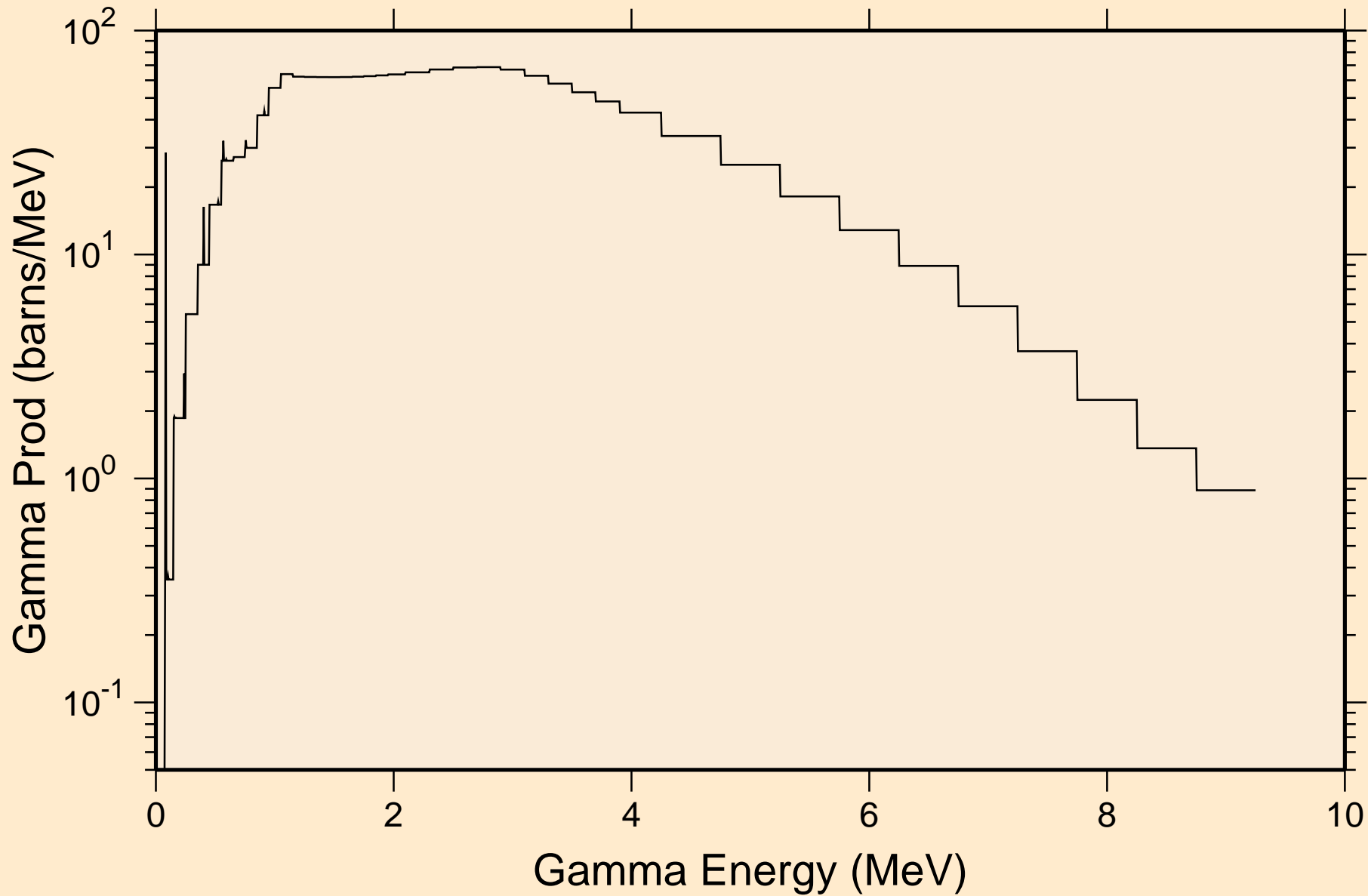
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



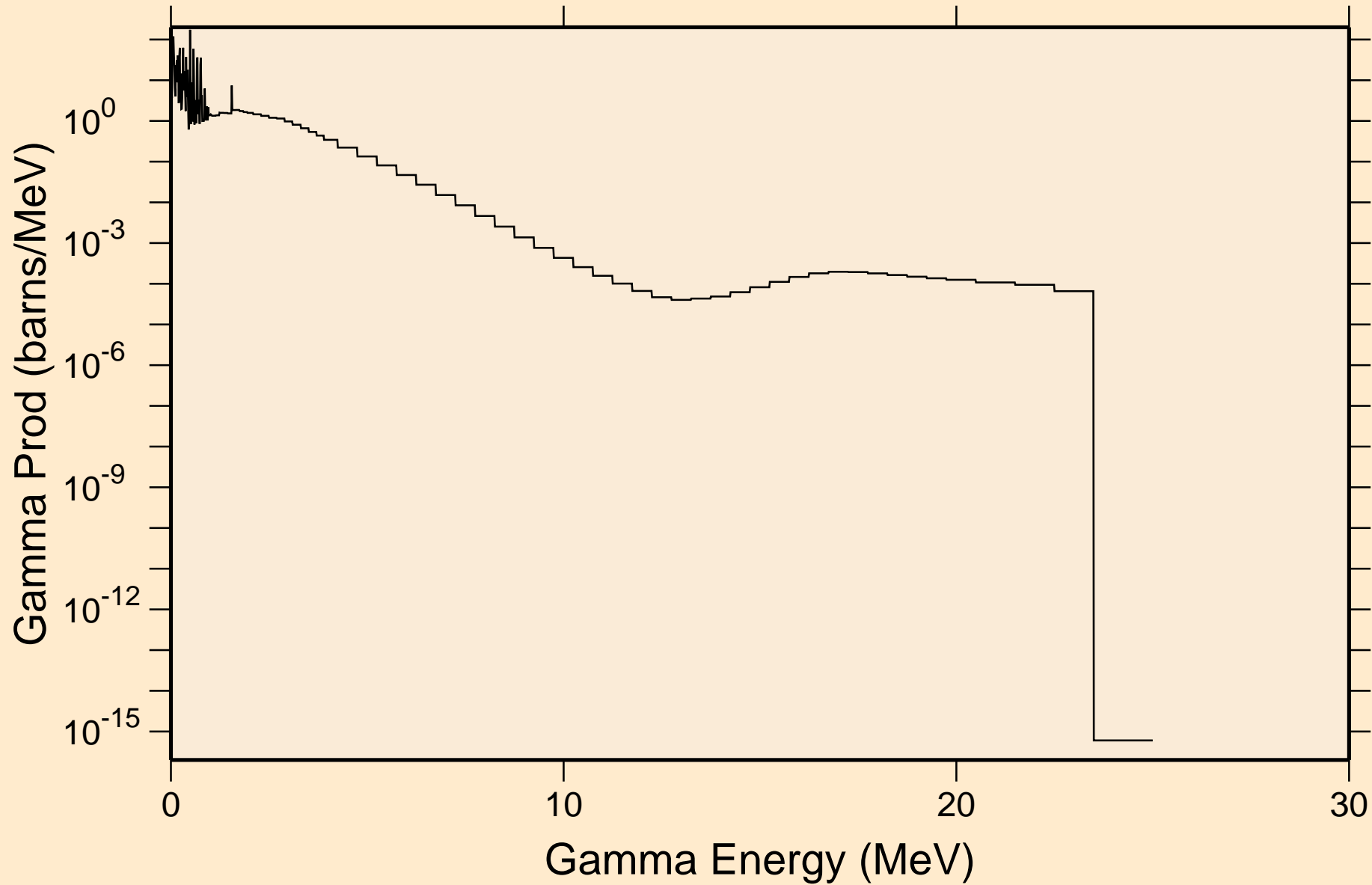
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

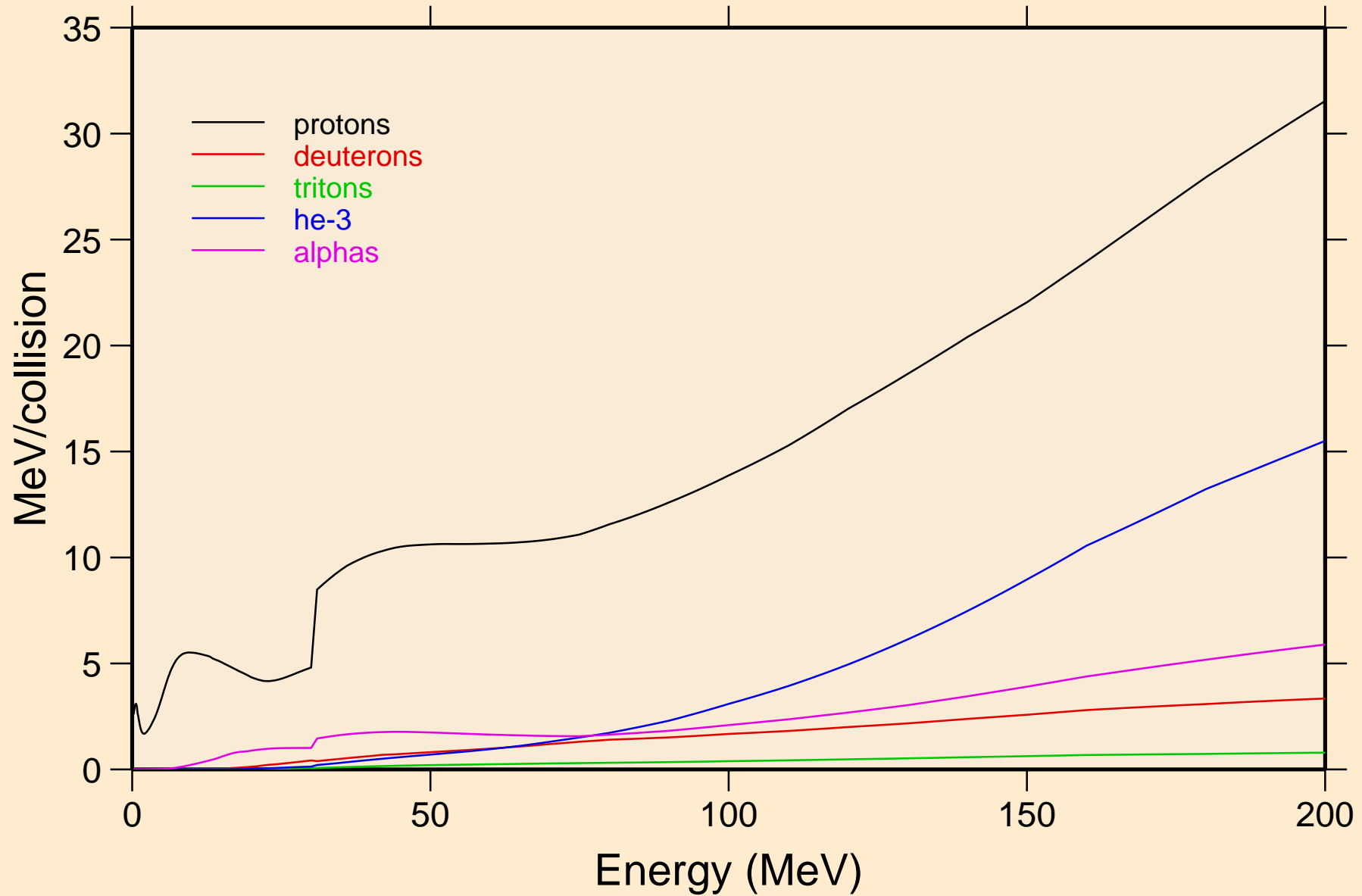


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

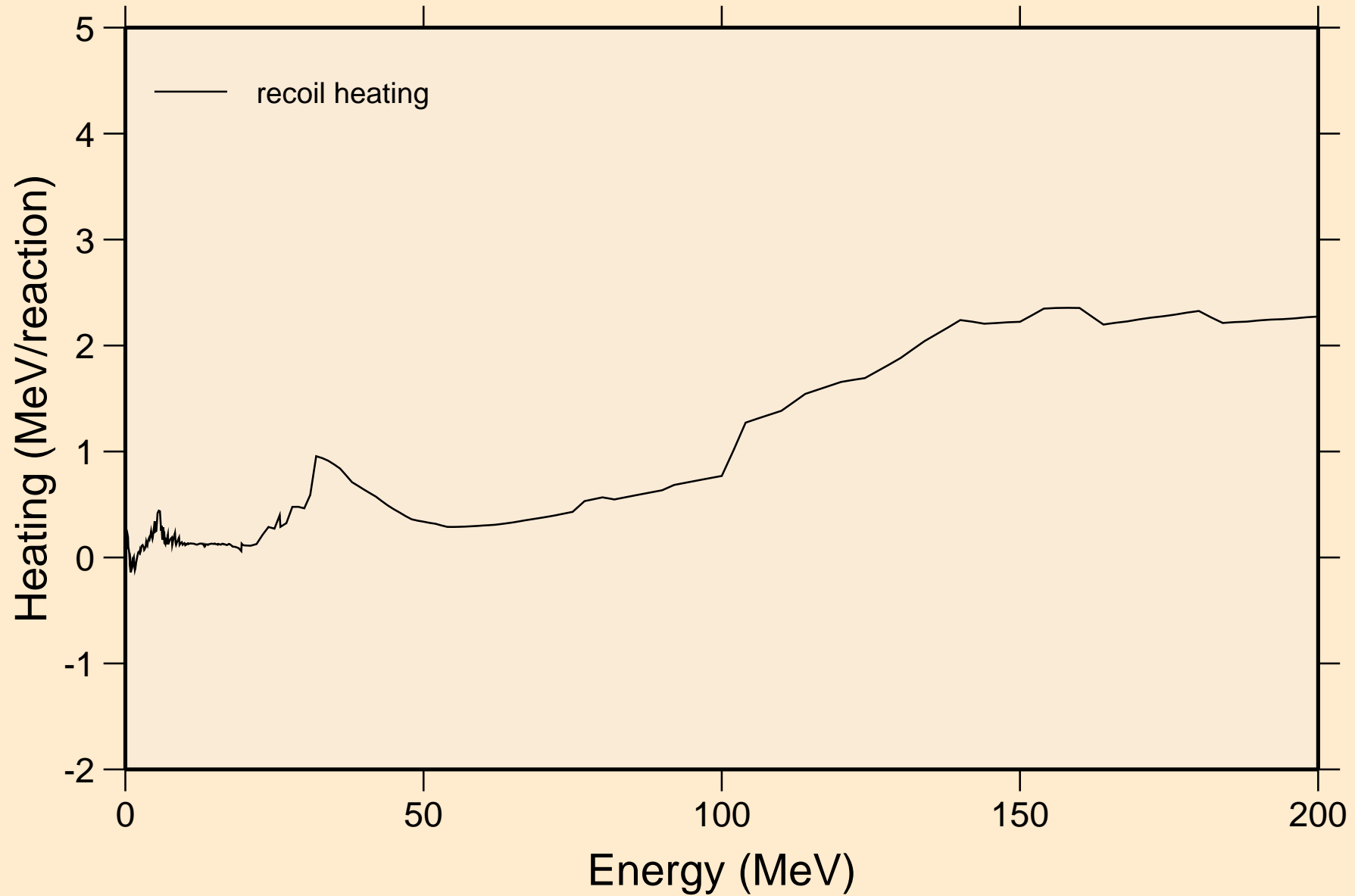


# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

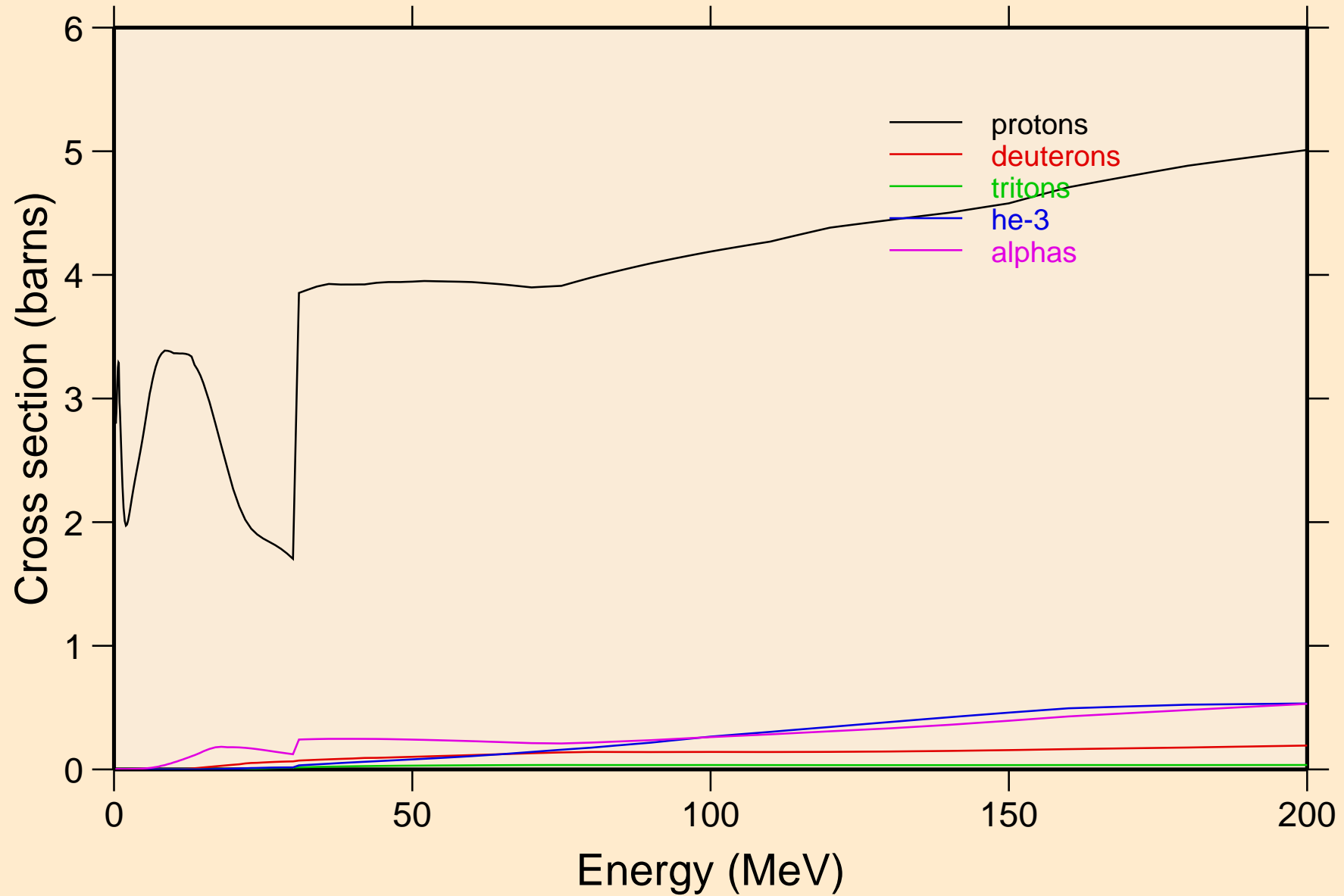


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



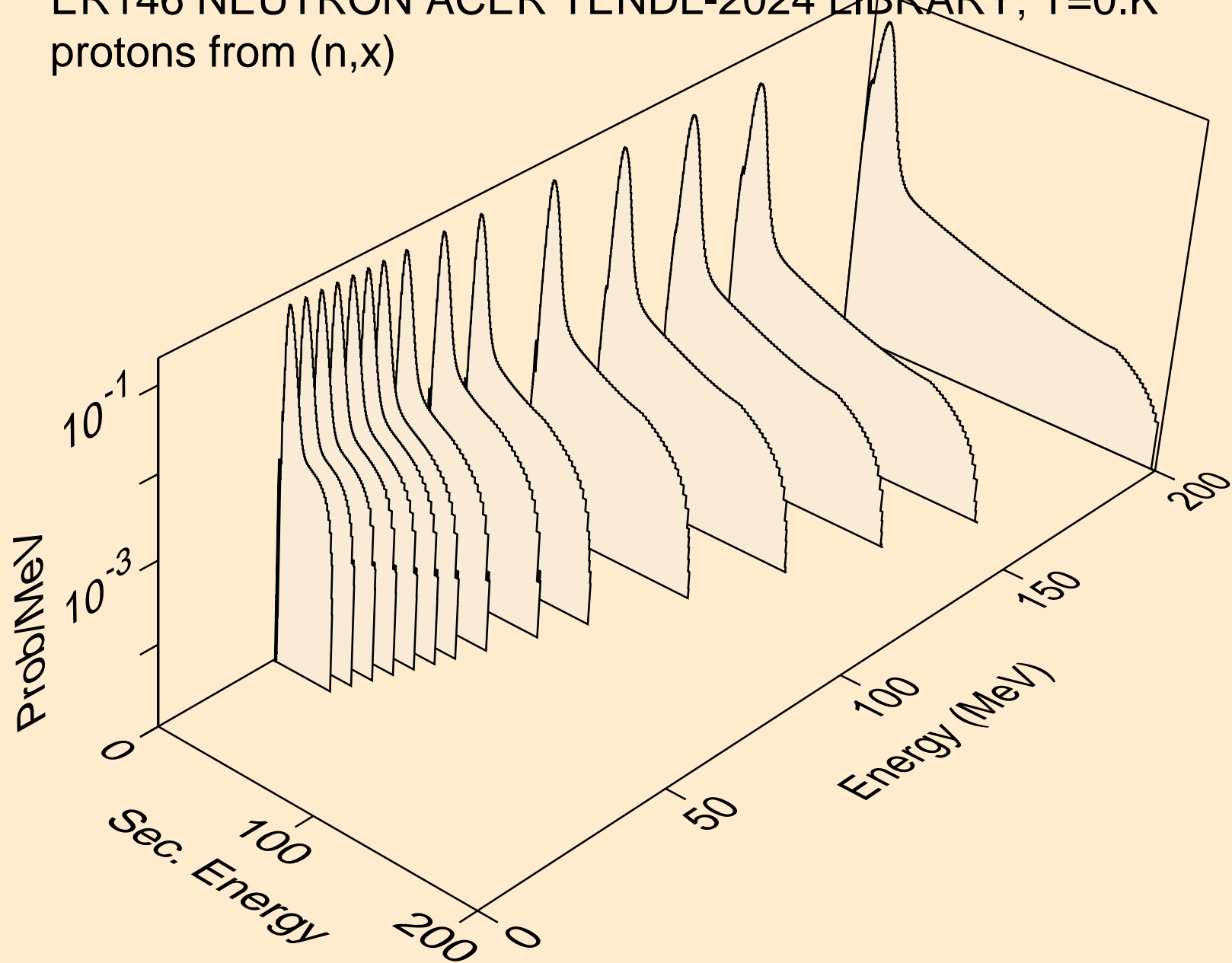
# ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

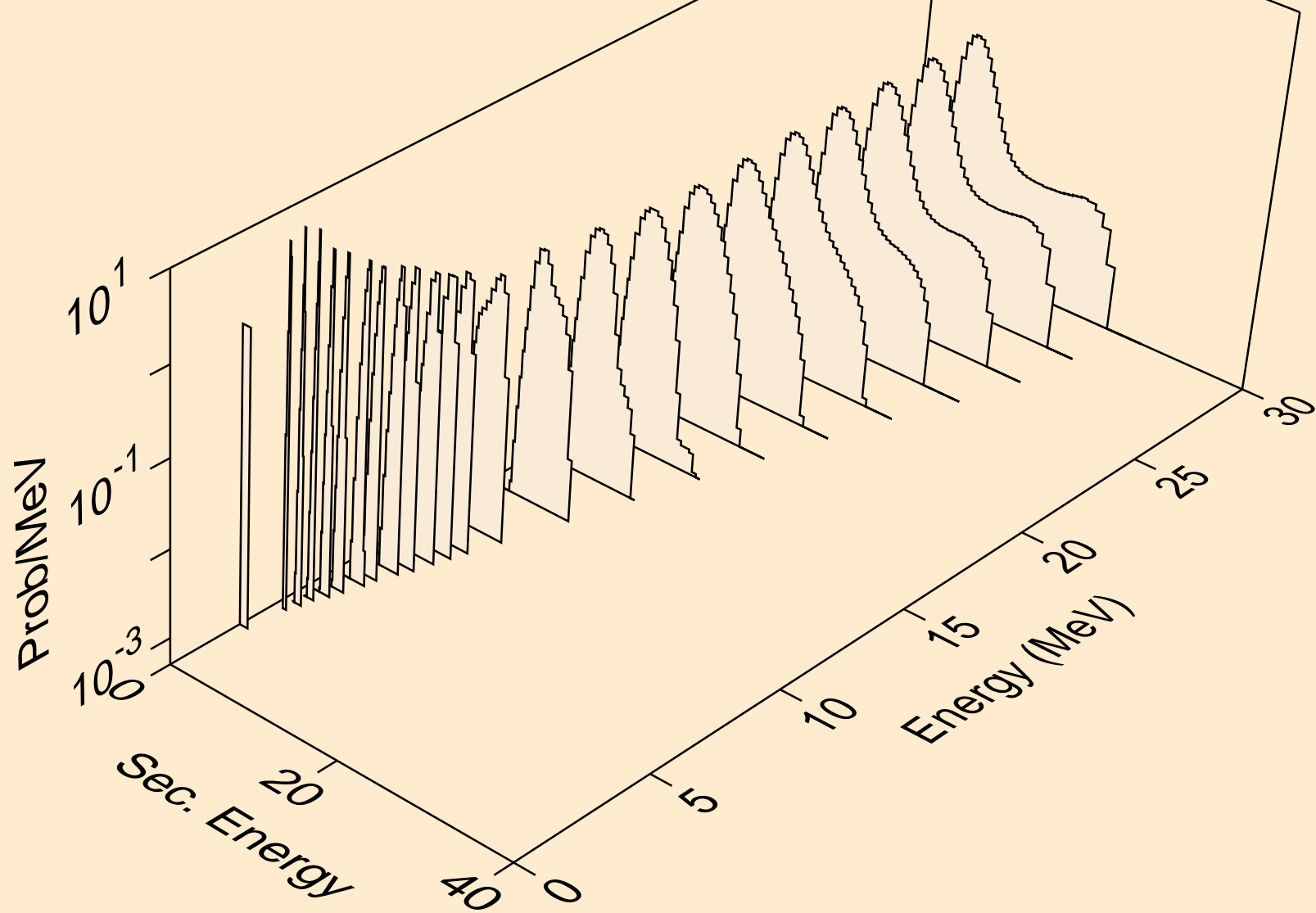




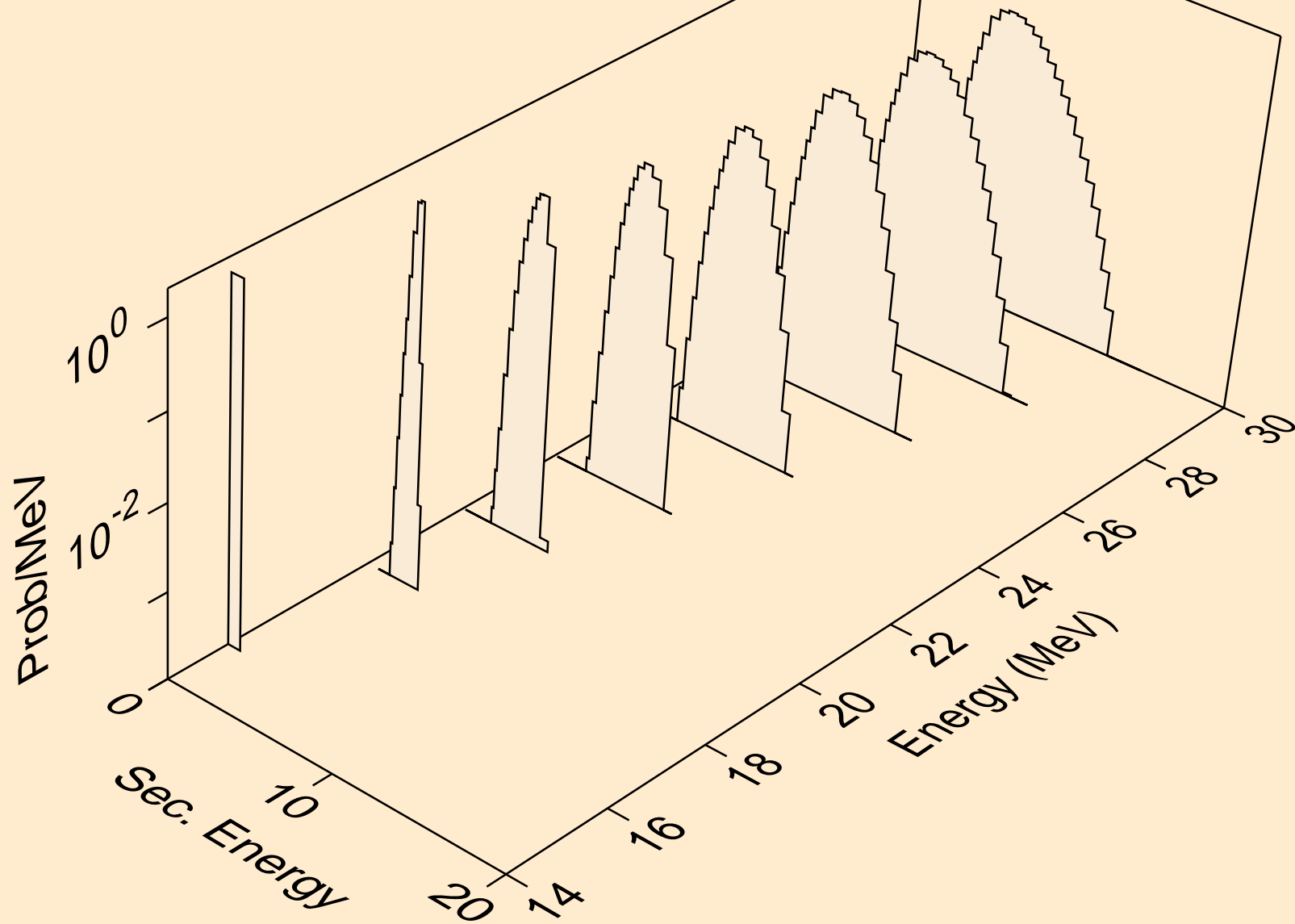
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



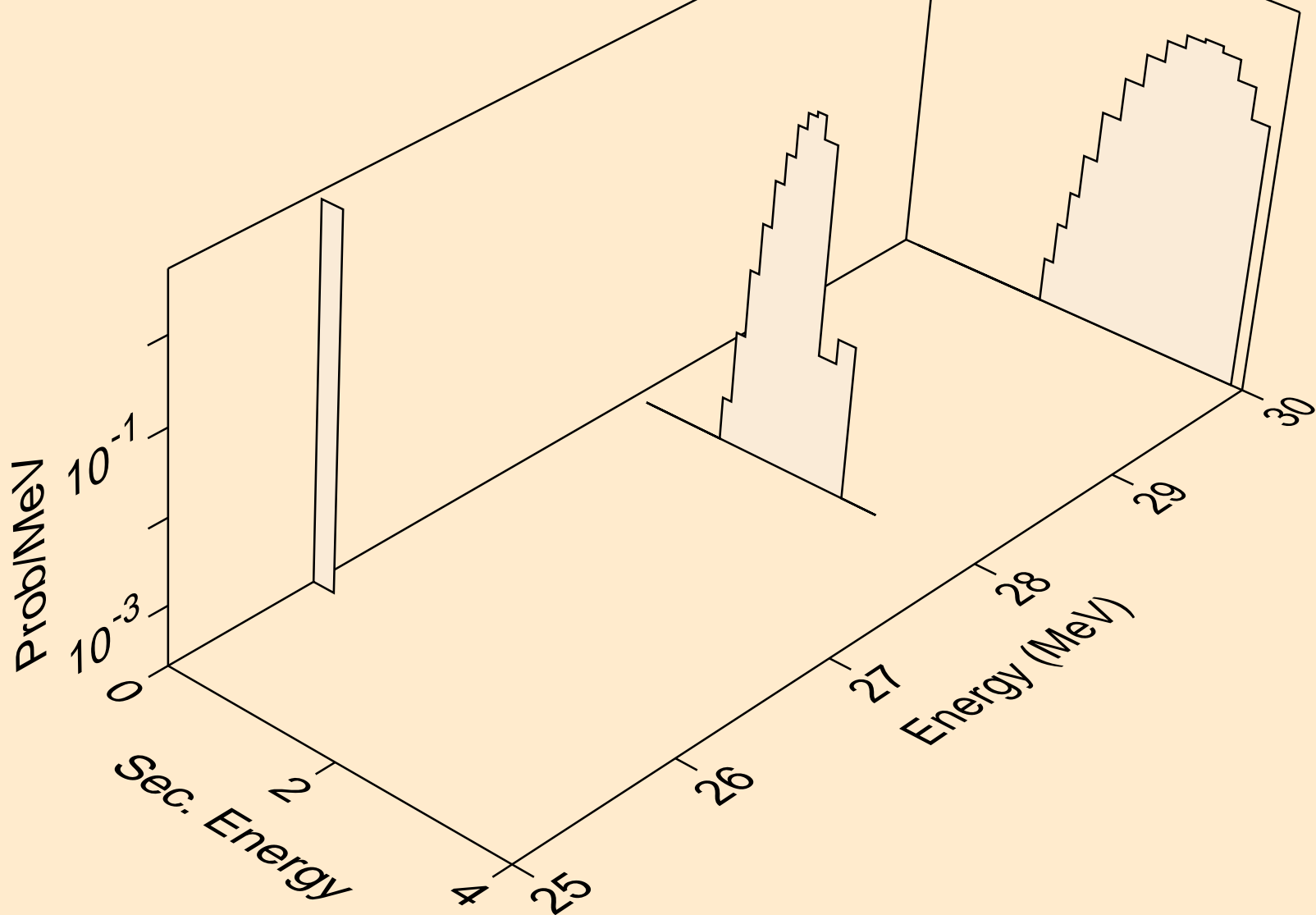
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



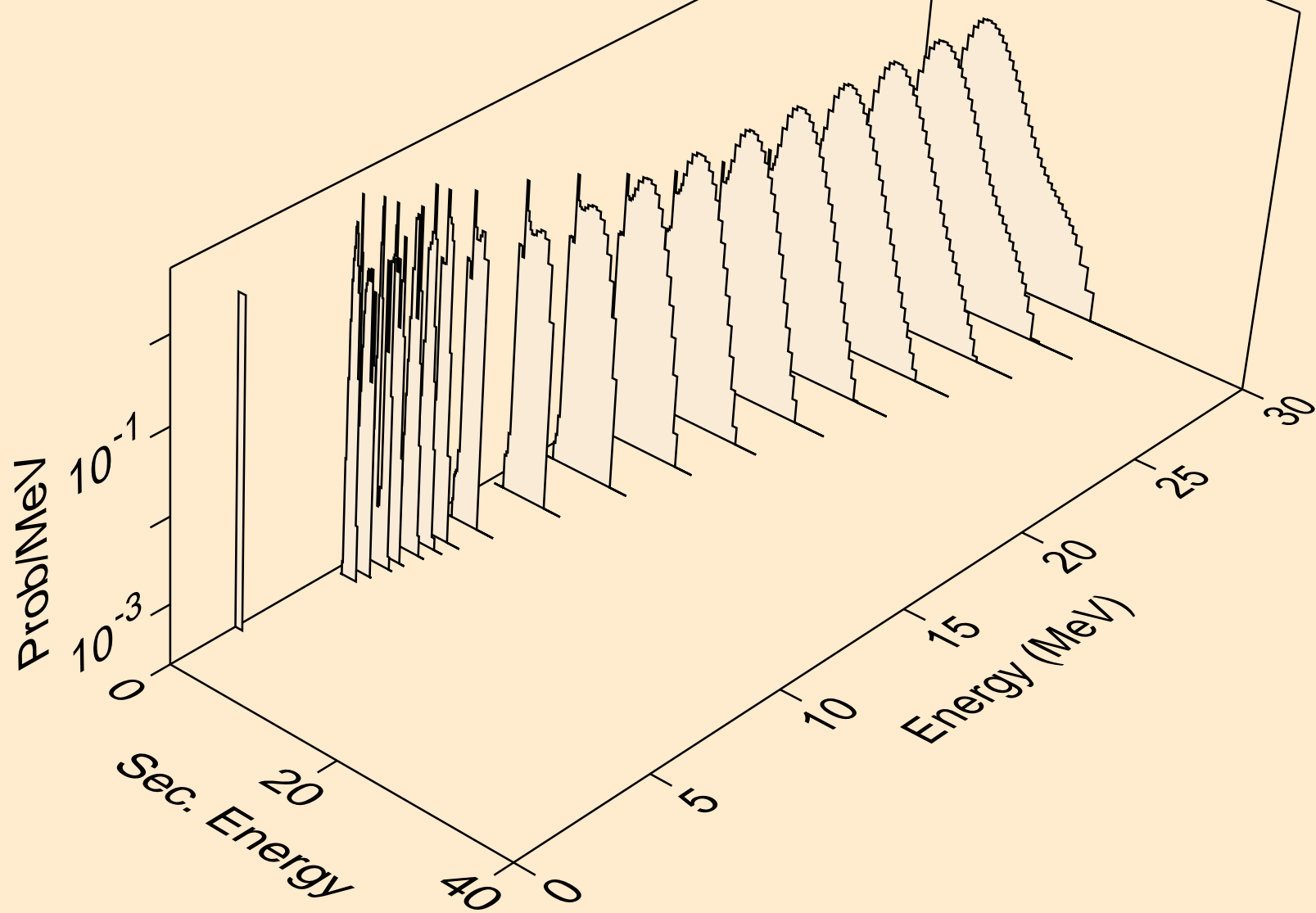
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



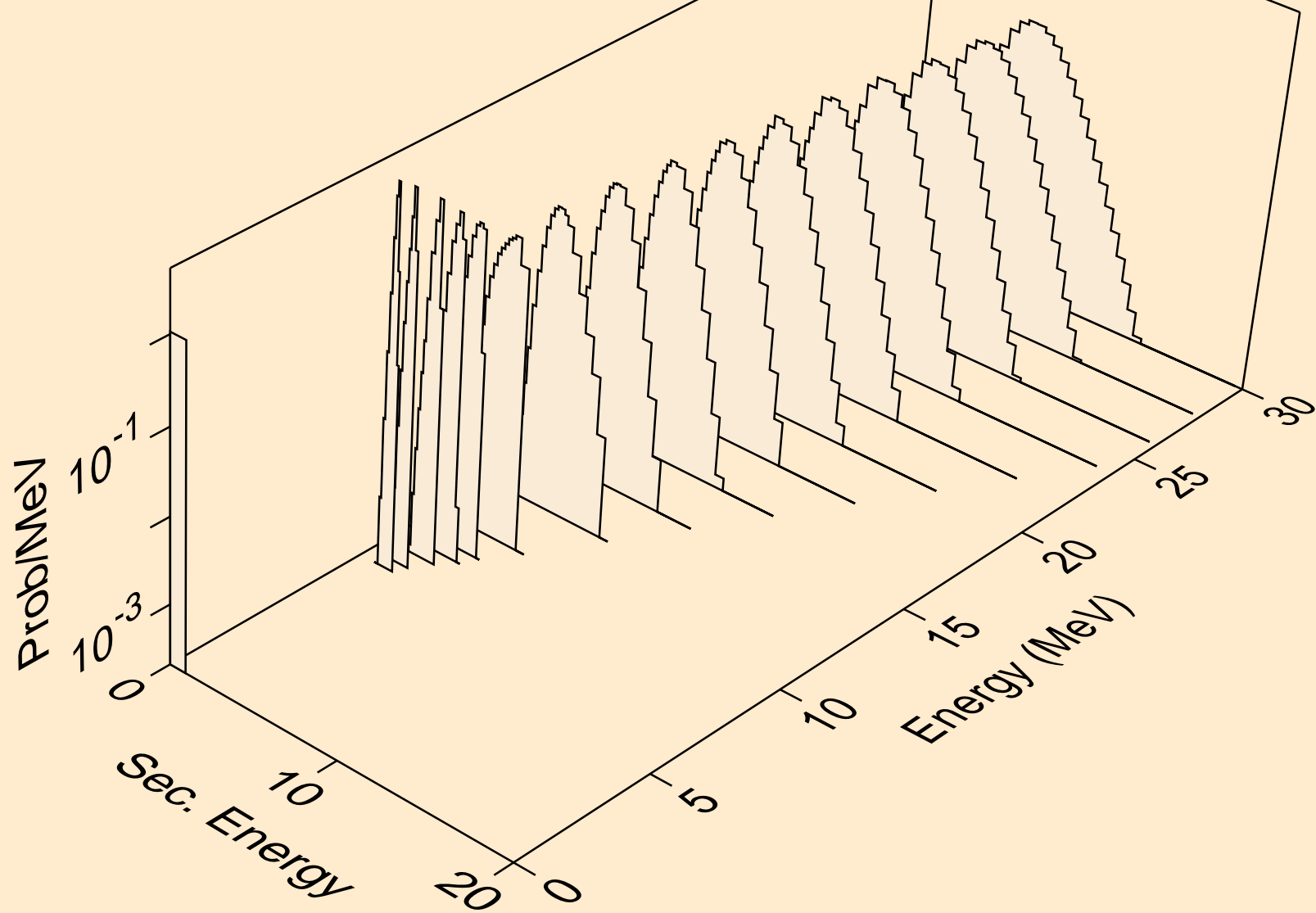
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



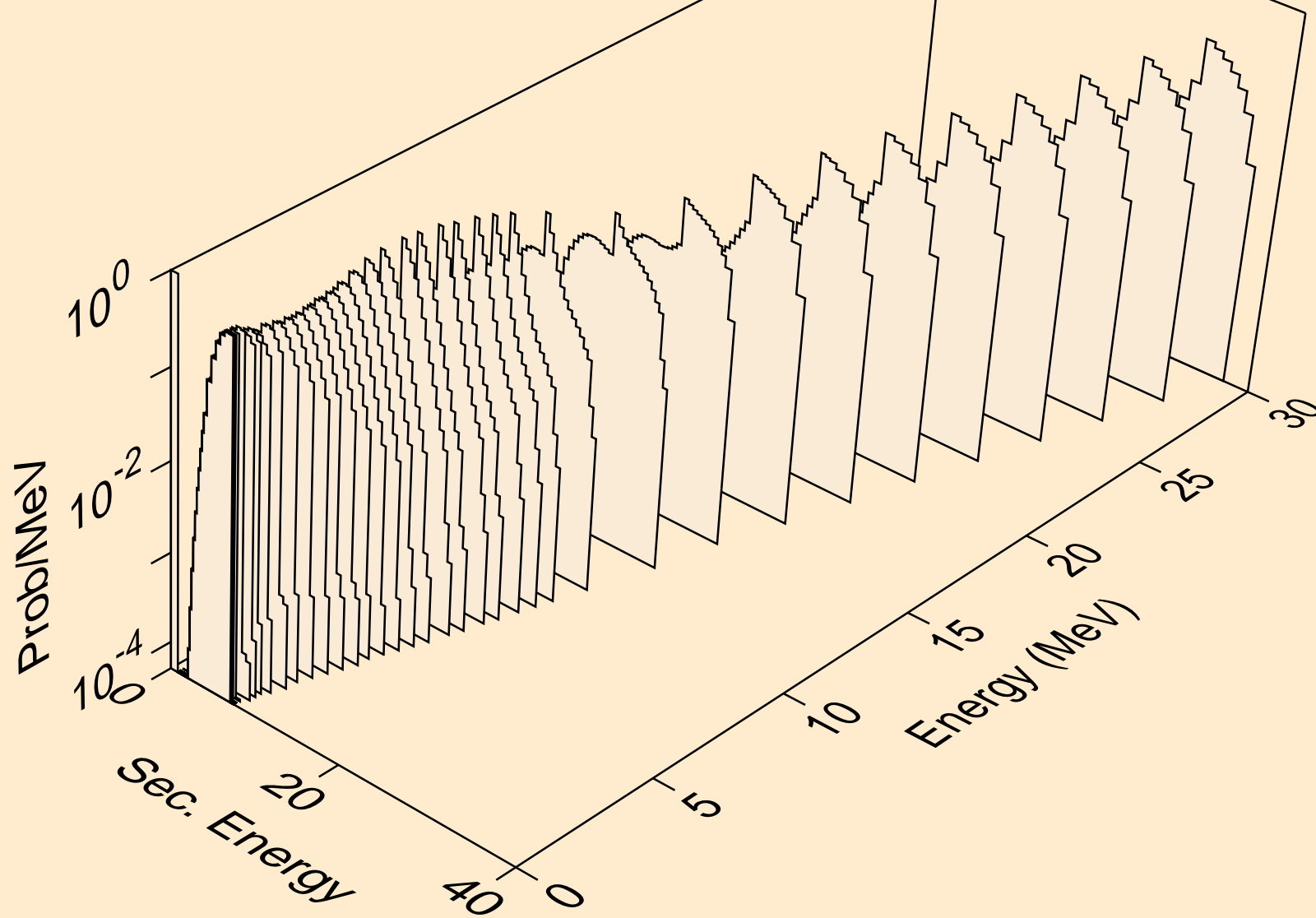
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



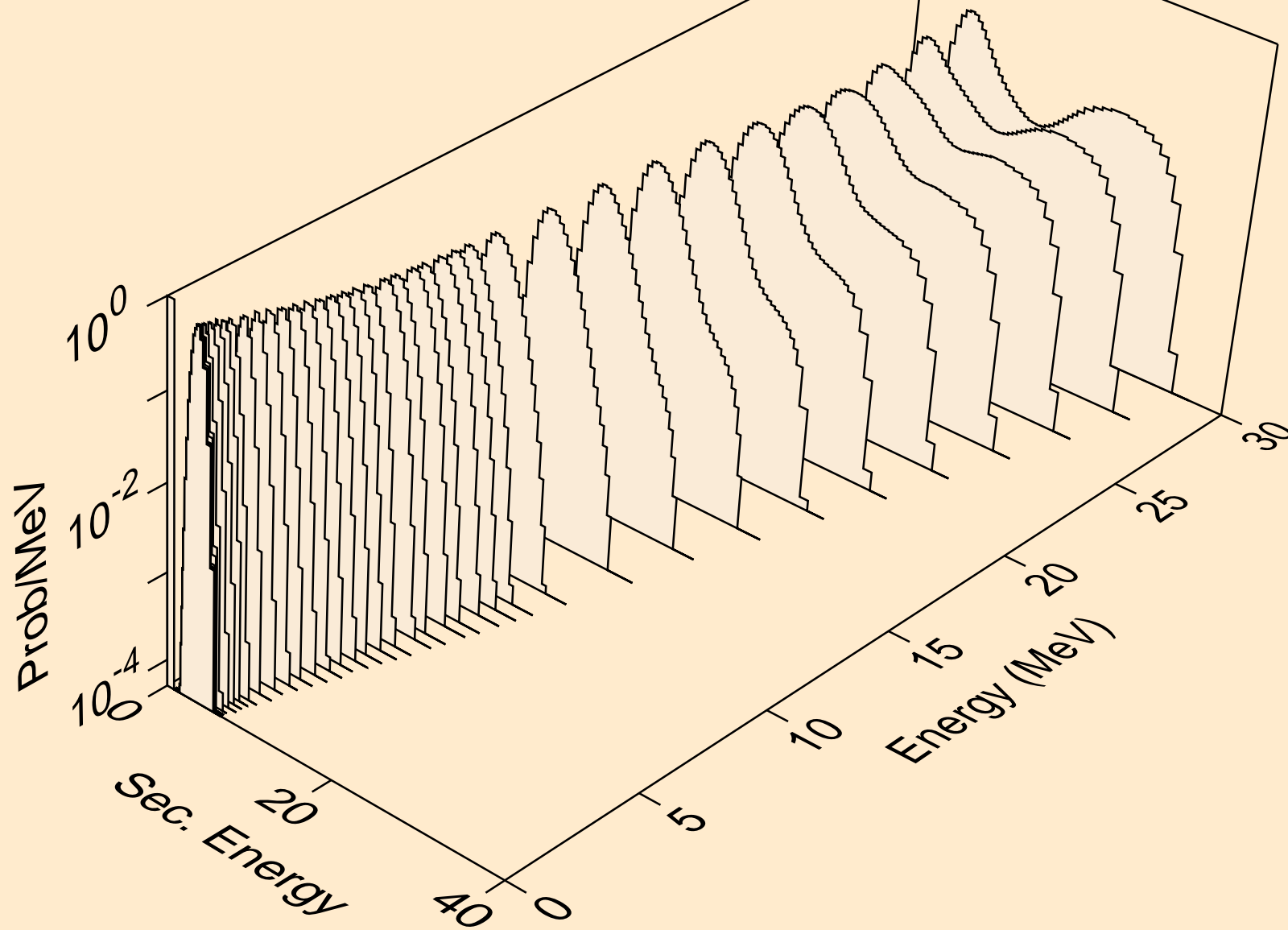
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

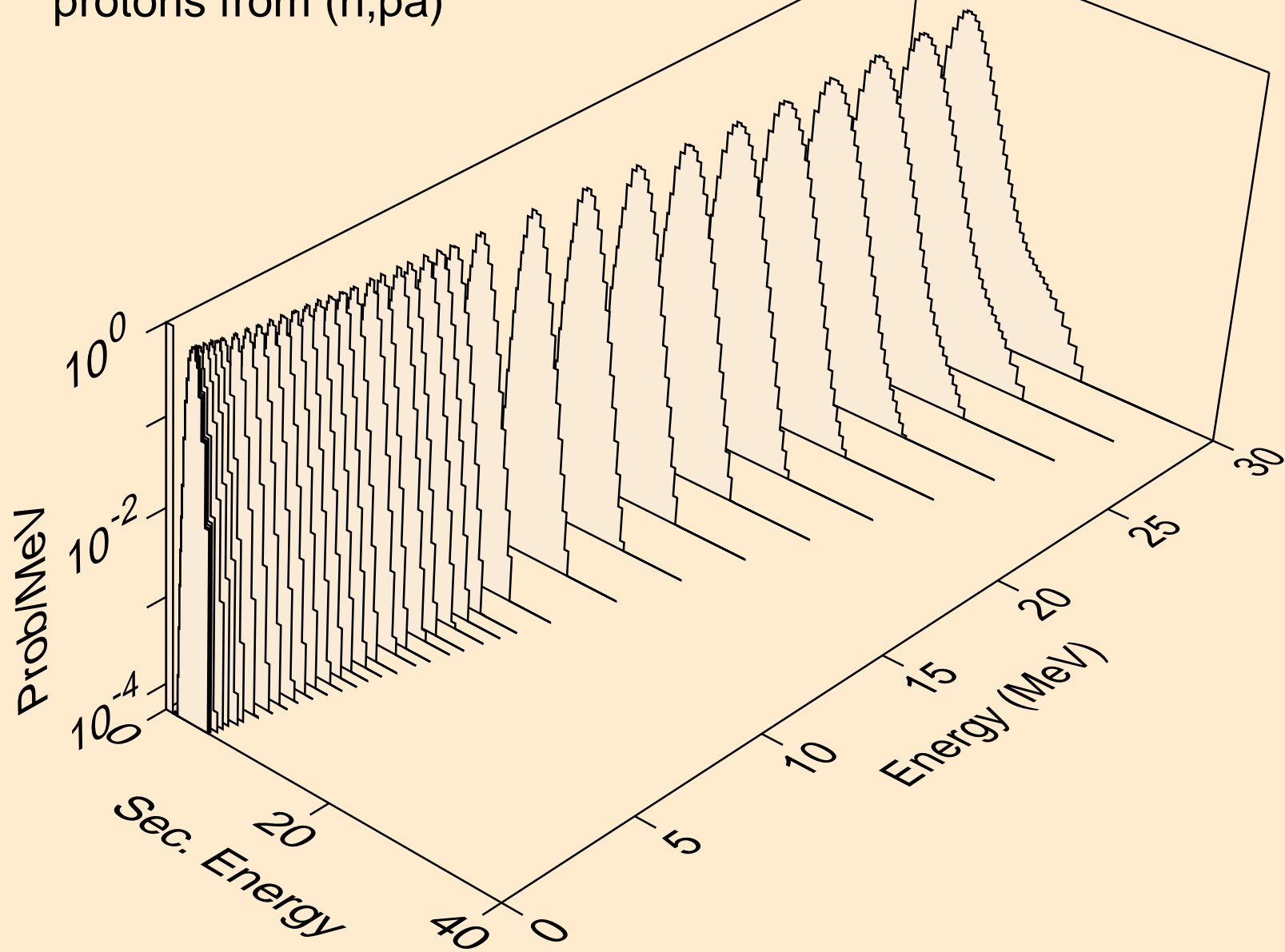


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

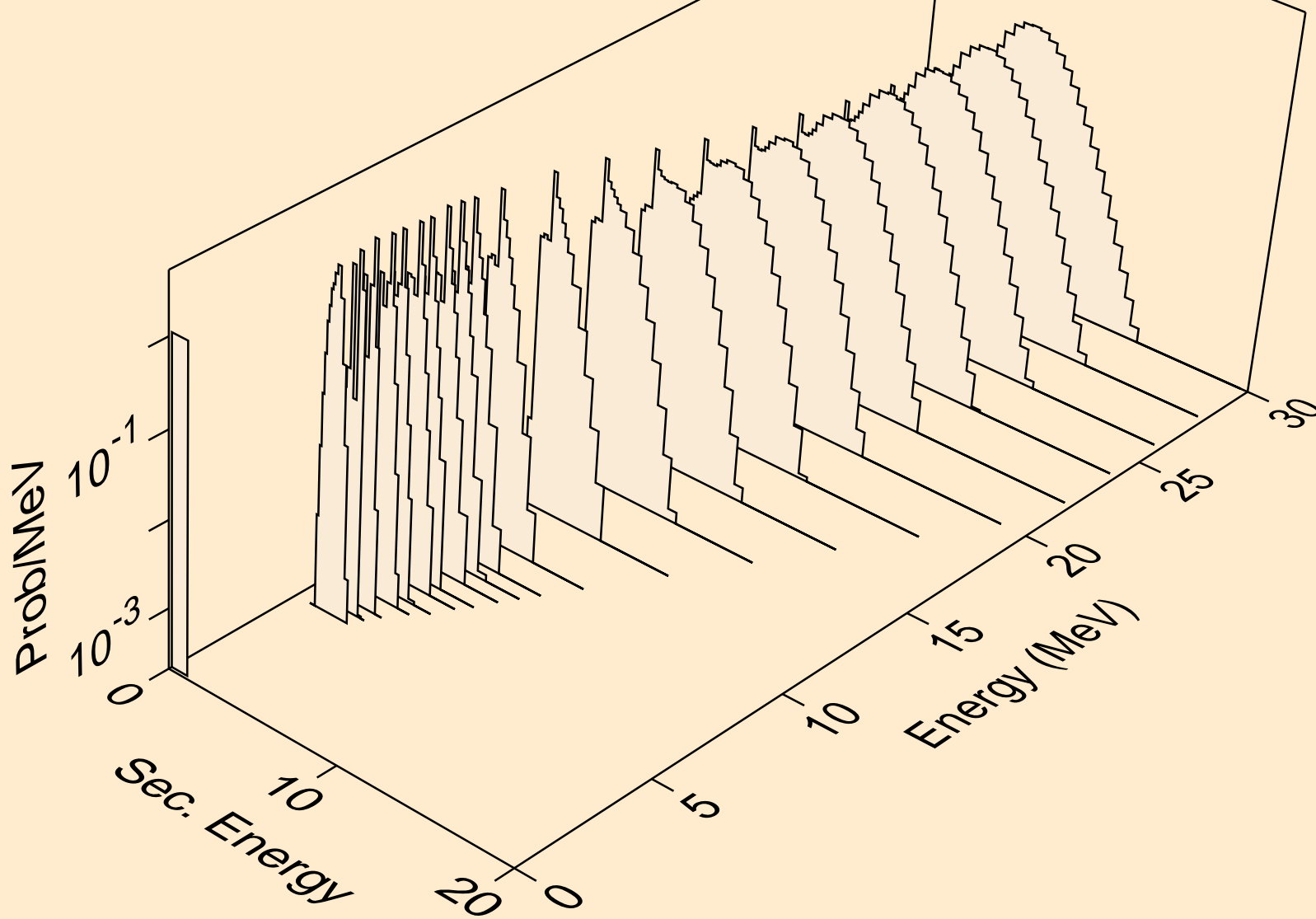




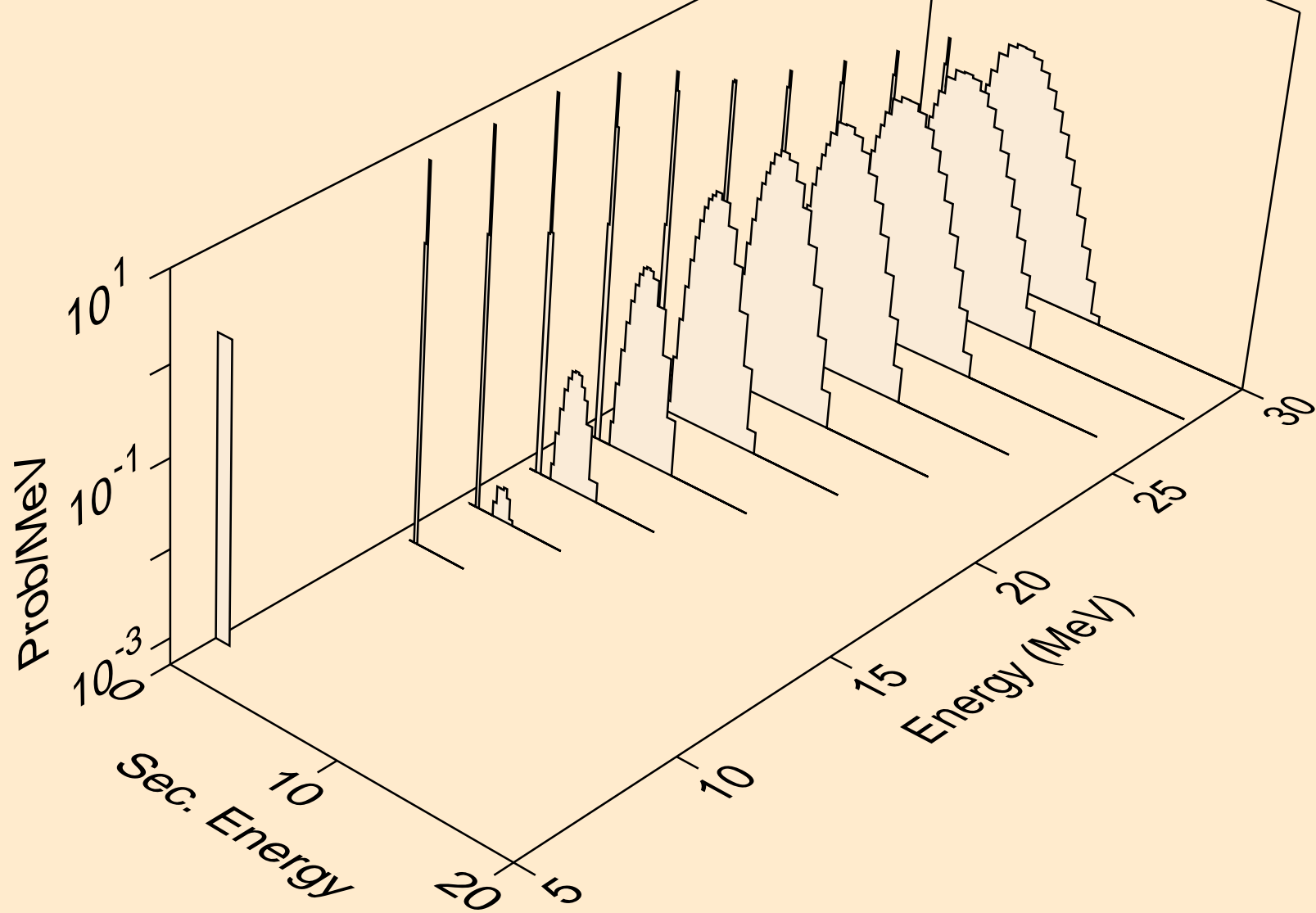
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



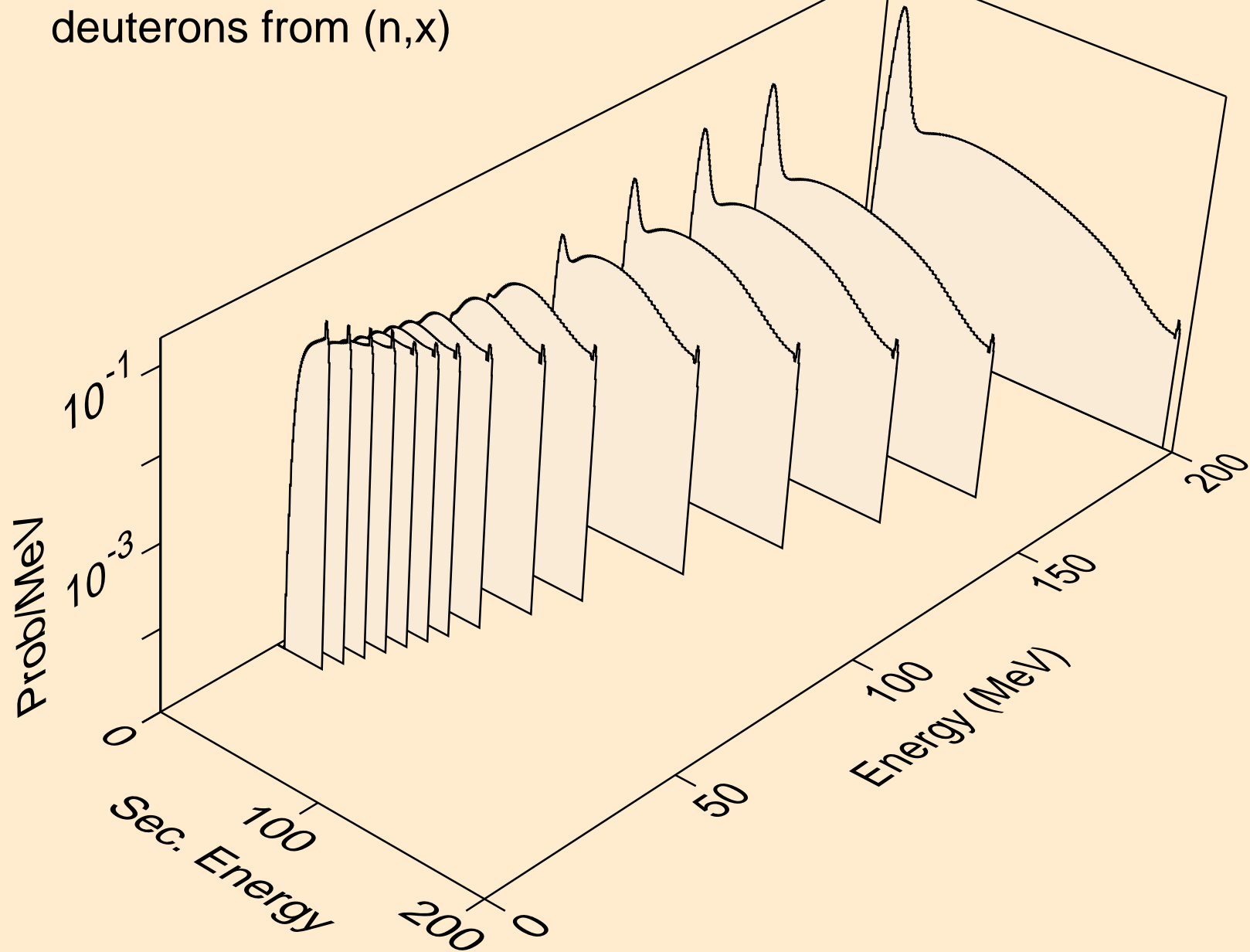
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



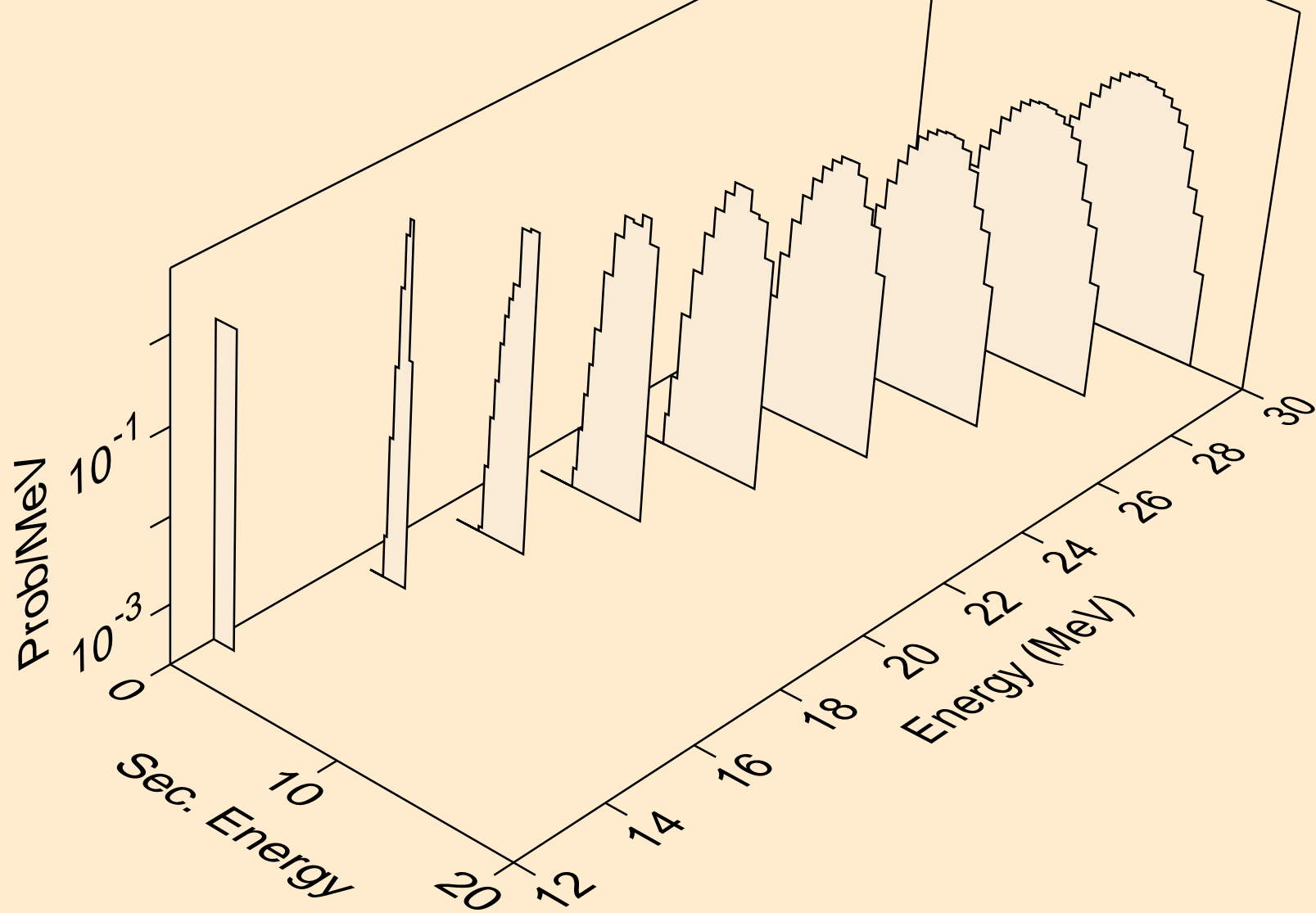
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



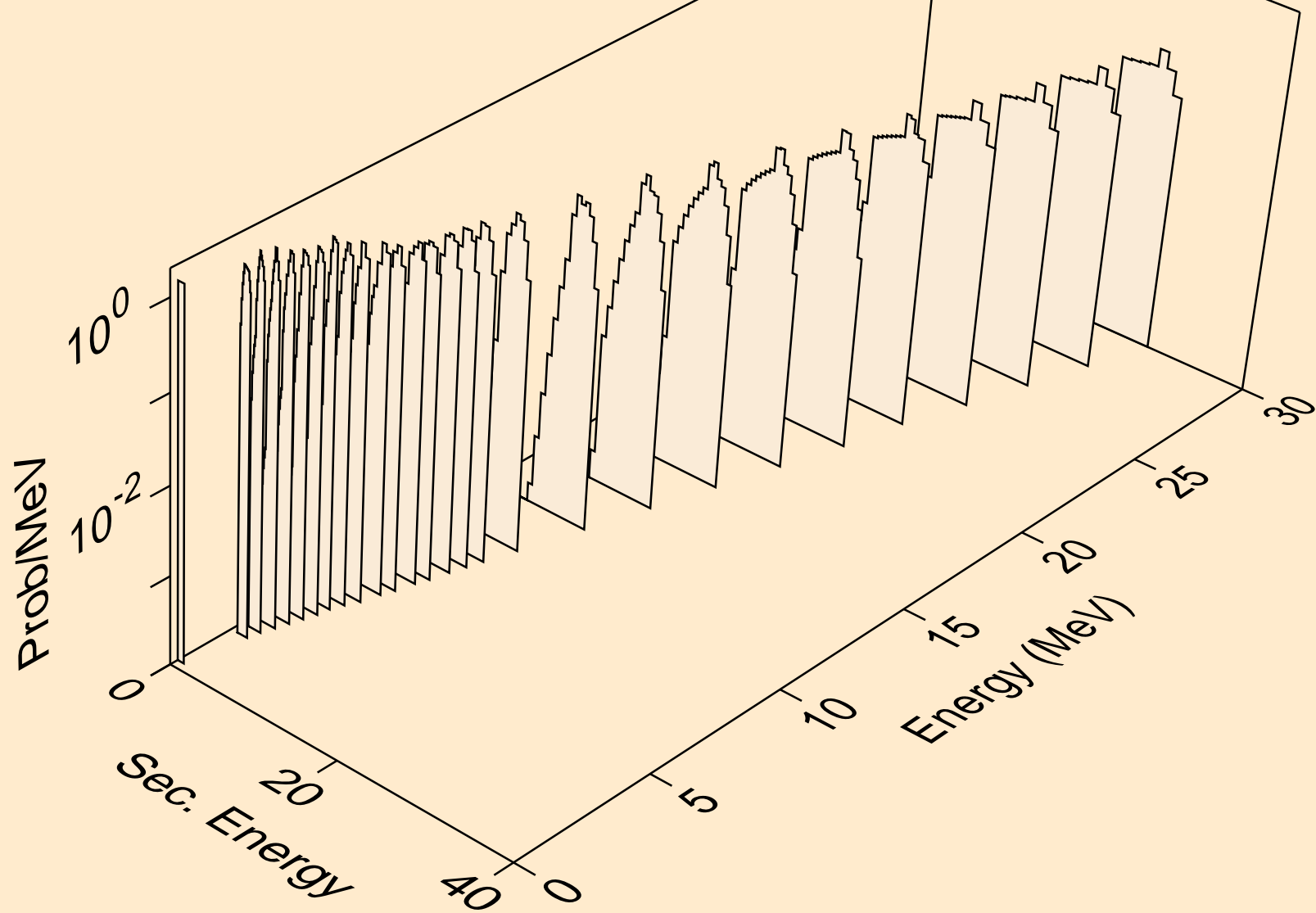
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



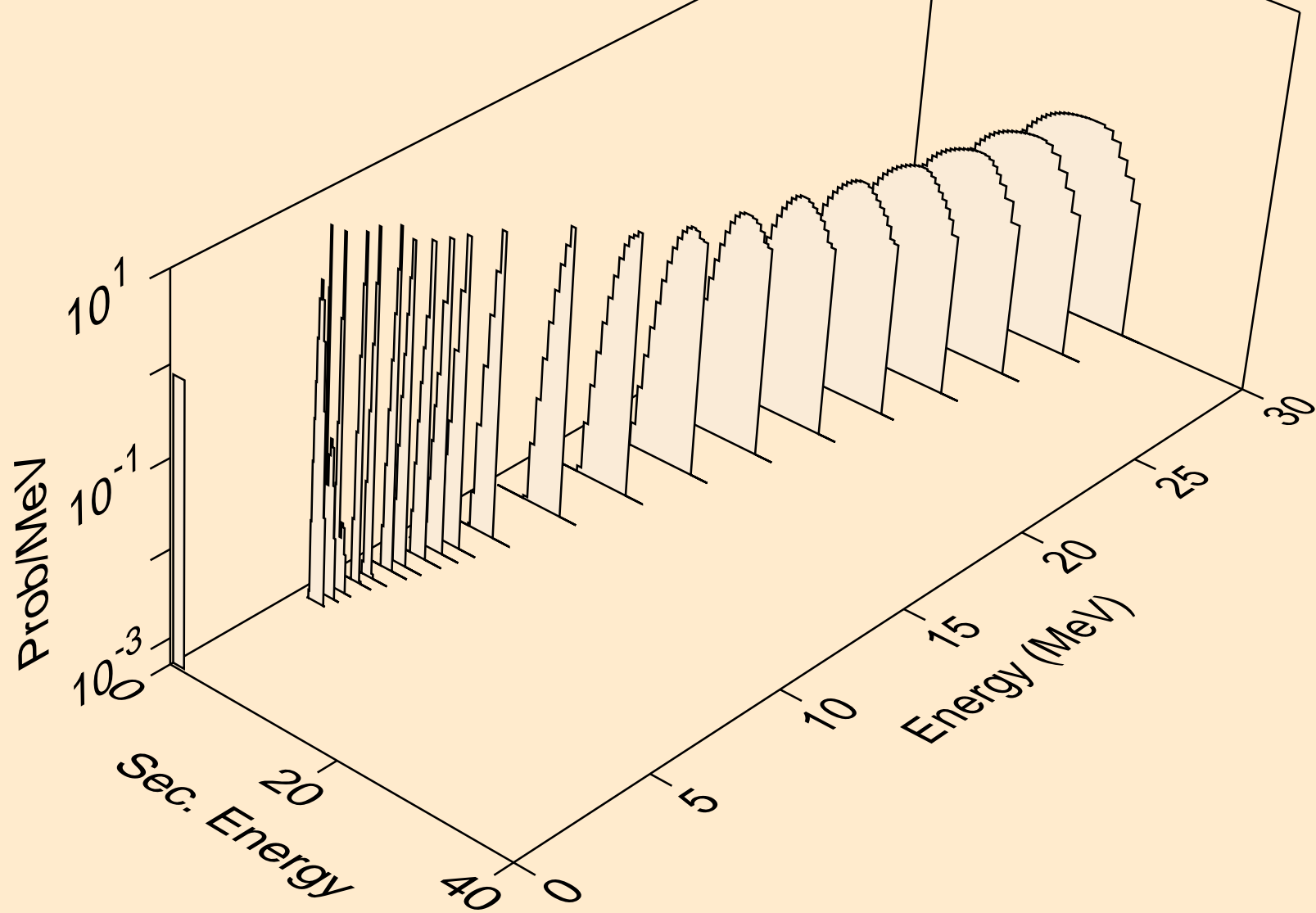
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



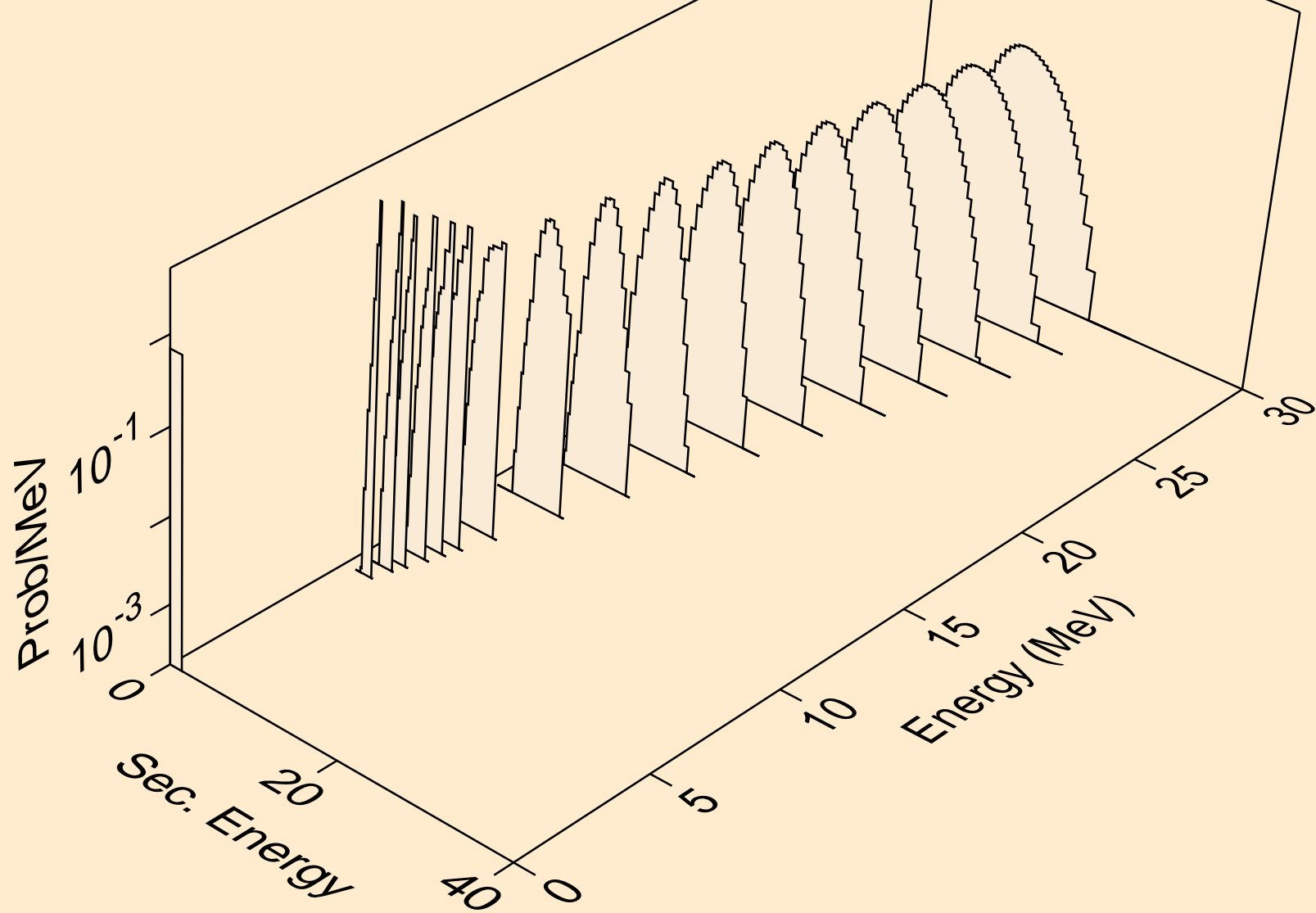
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

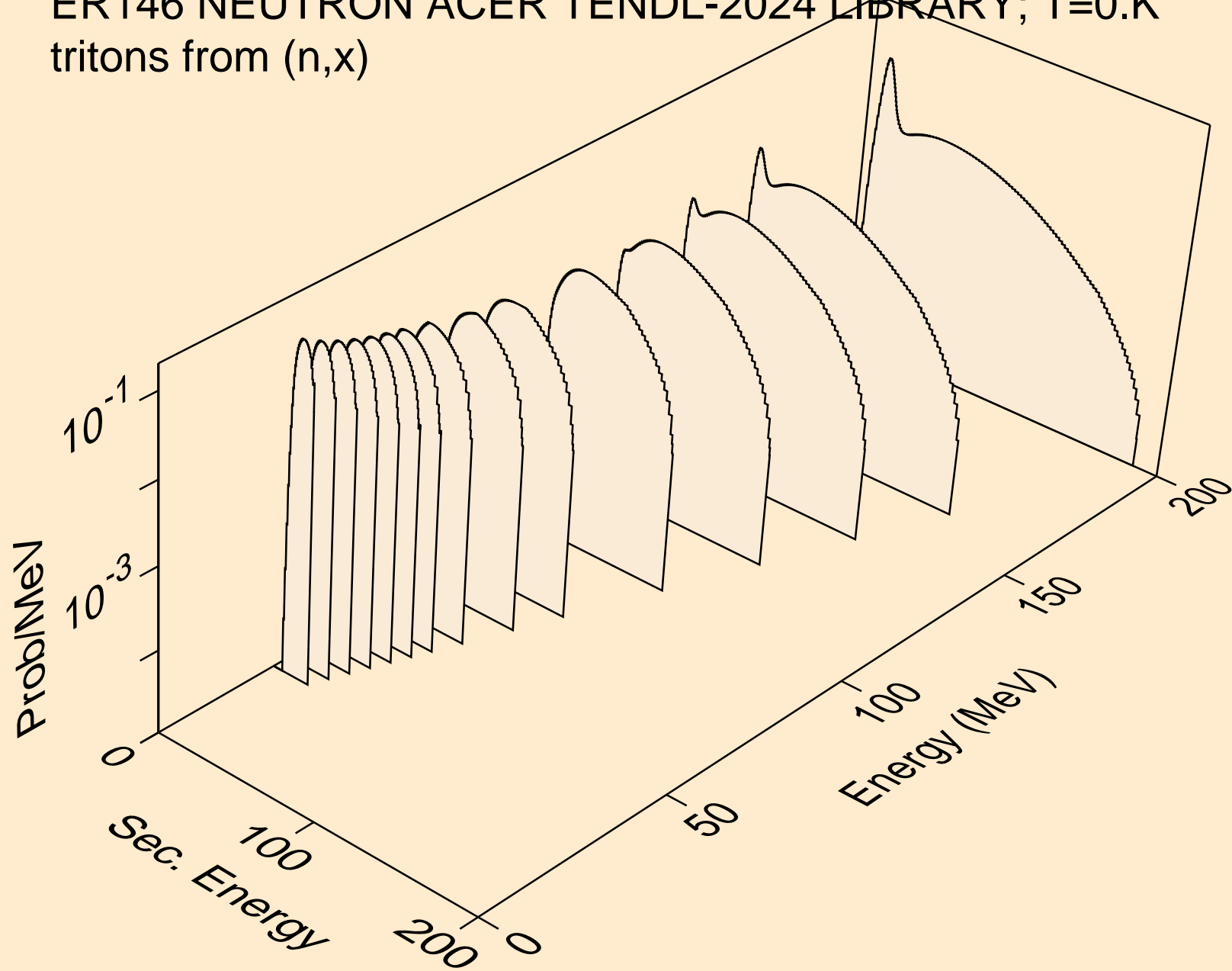


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

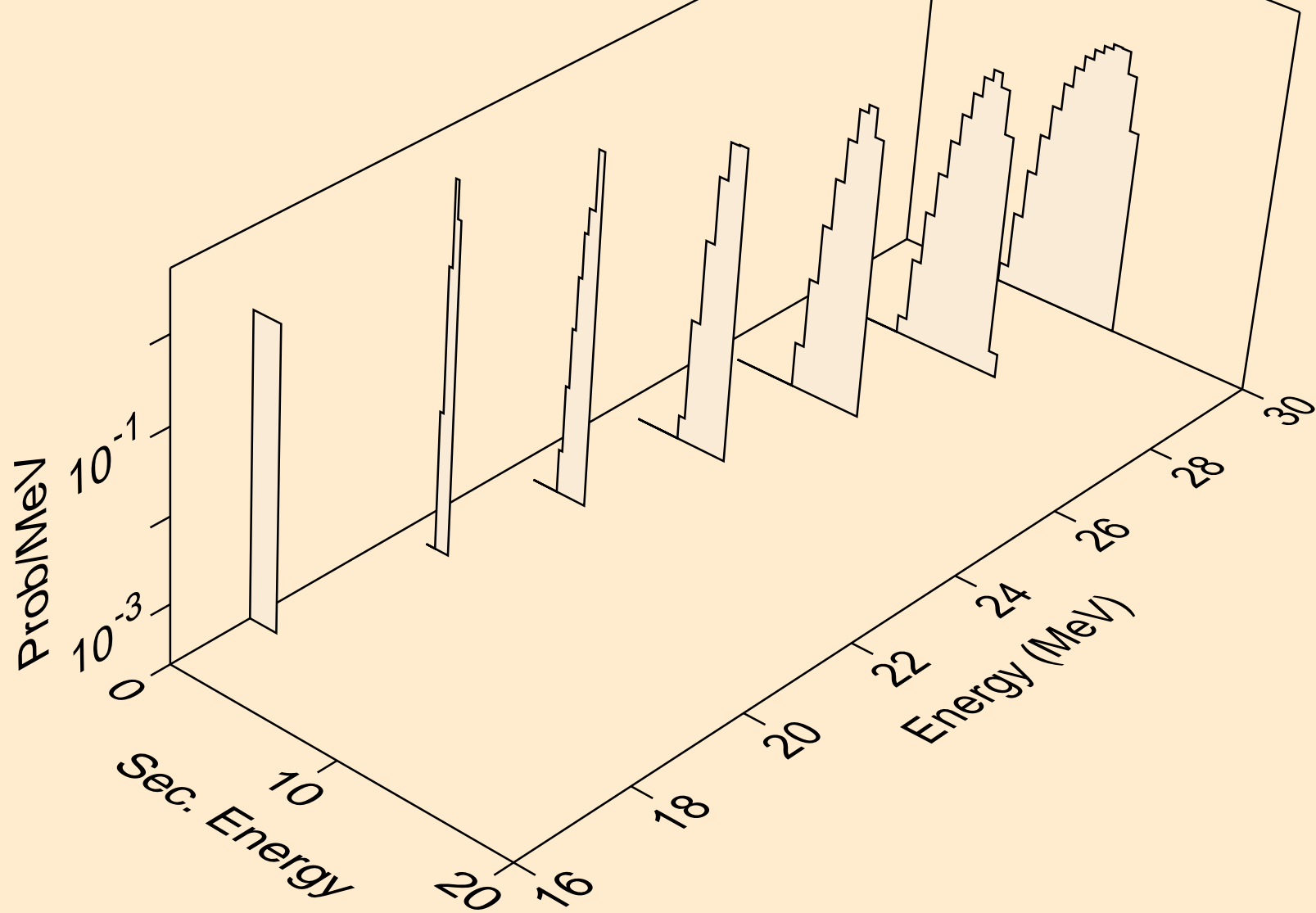




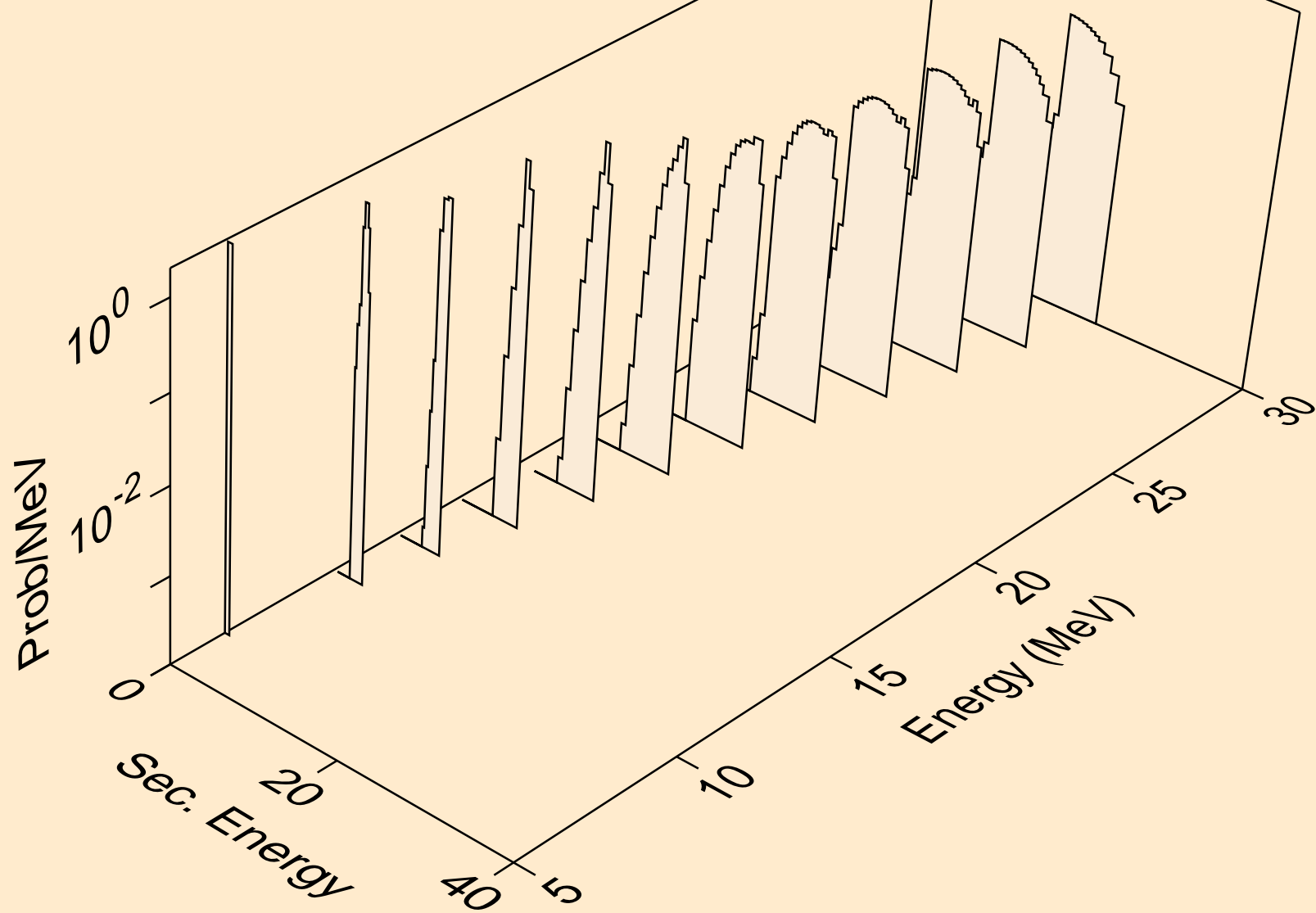
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



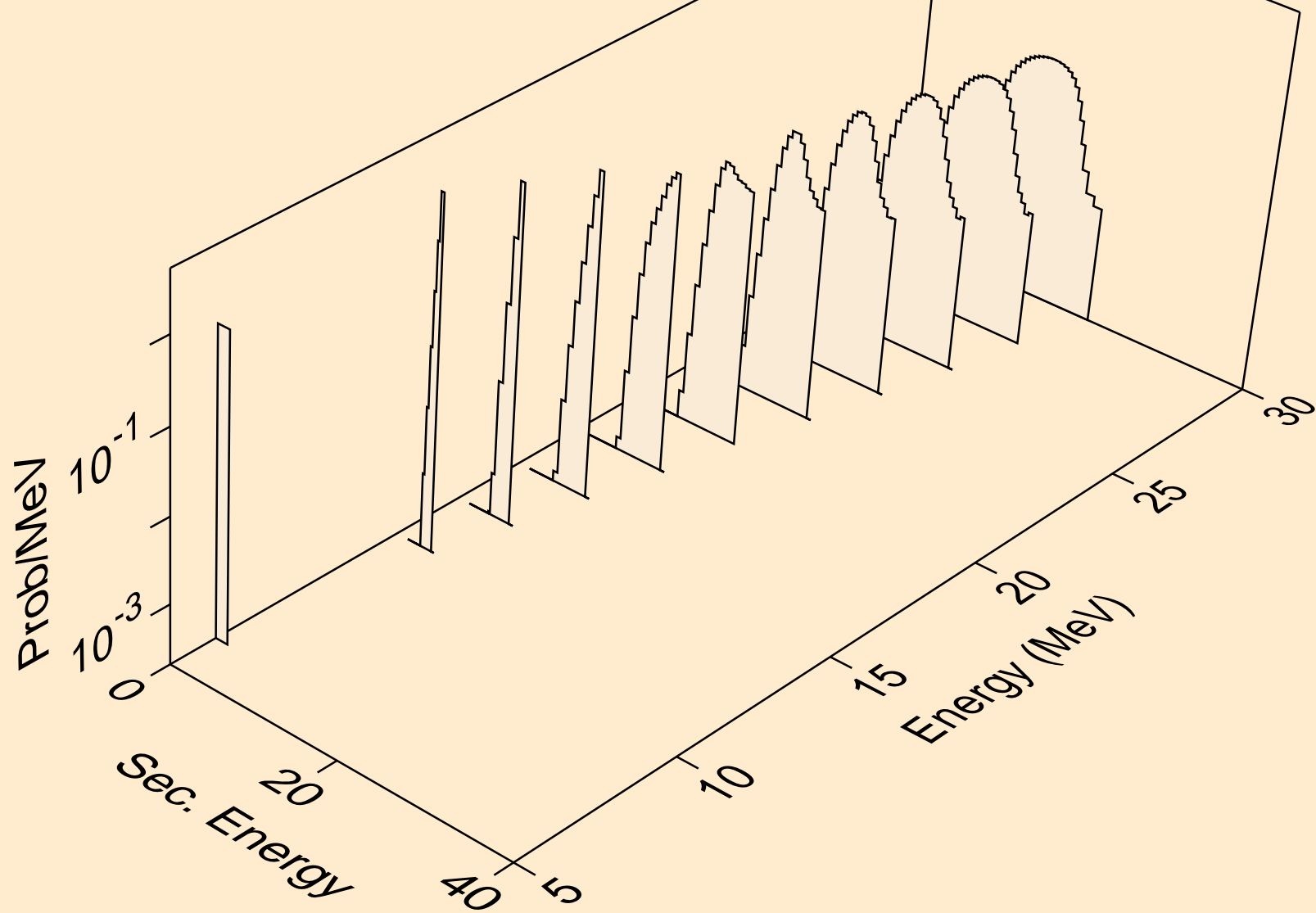
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



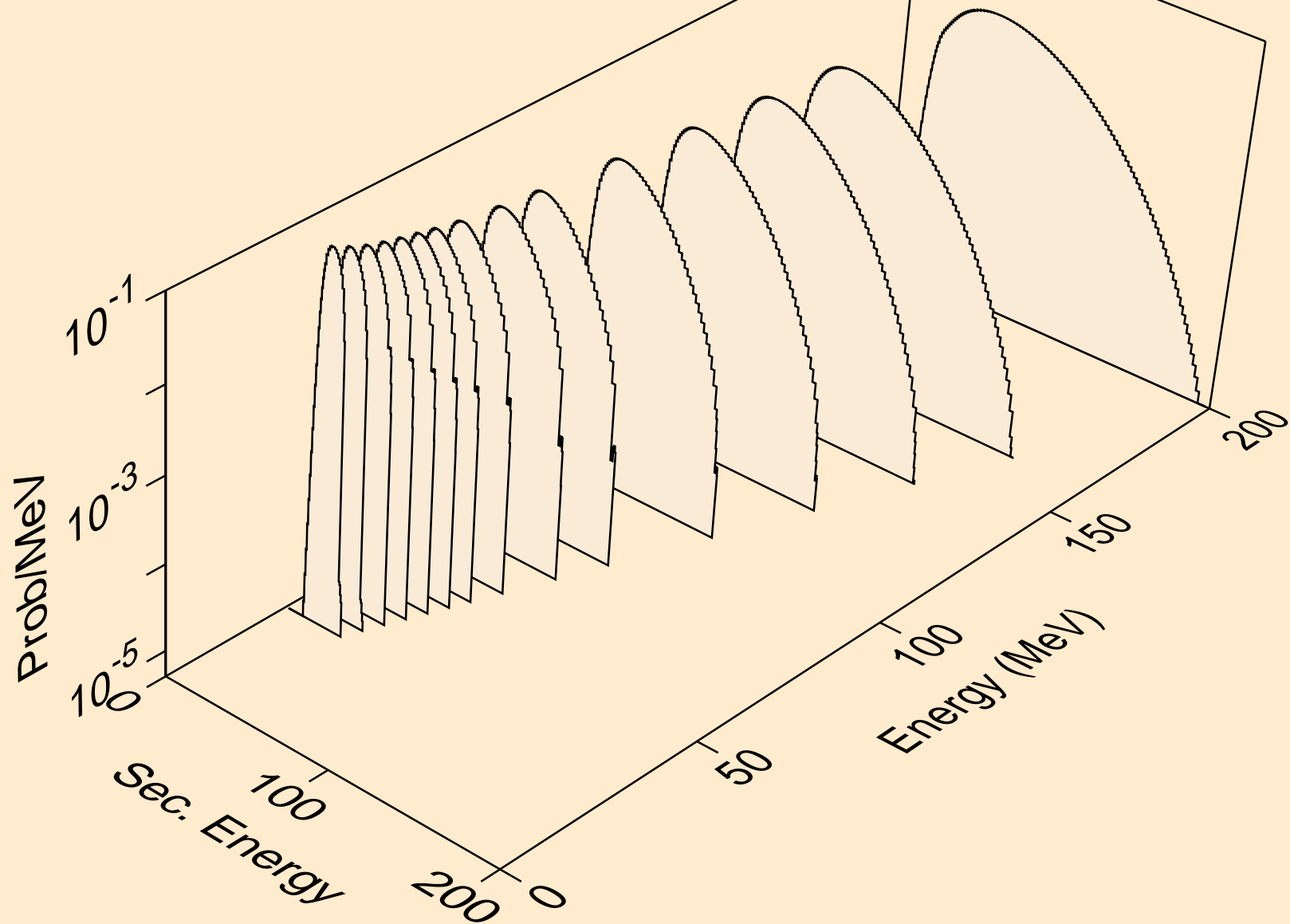
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



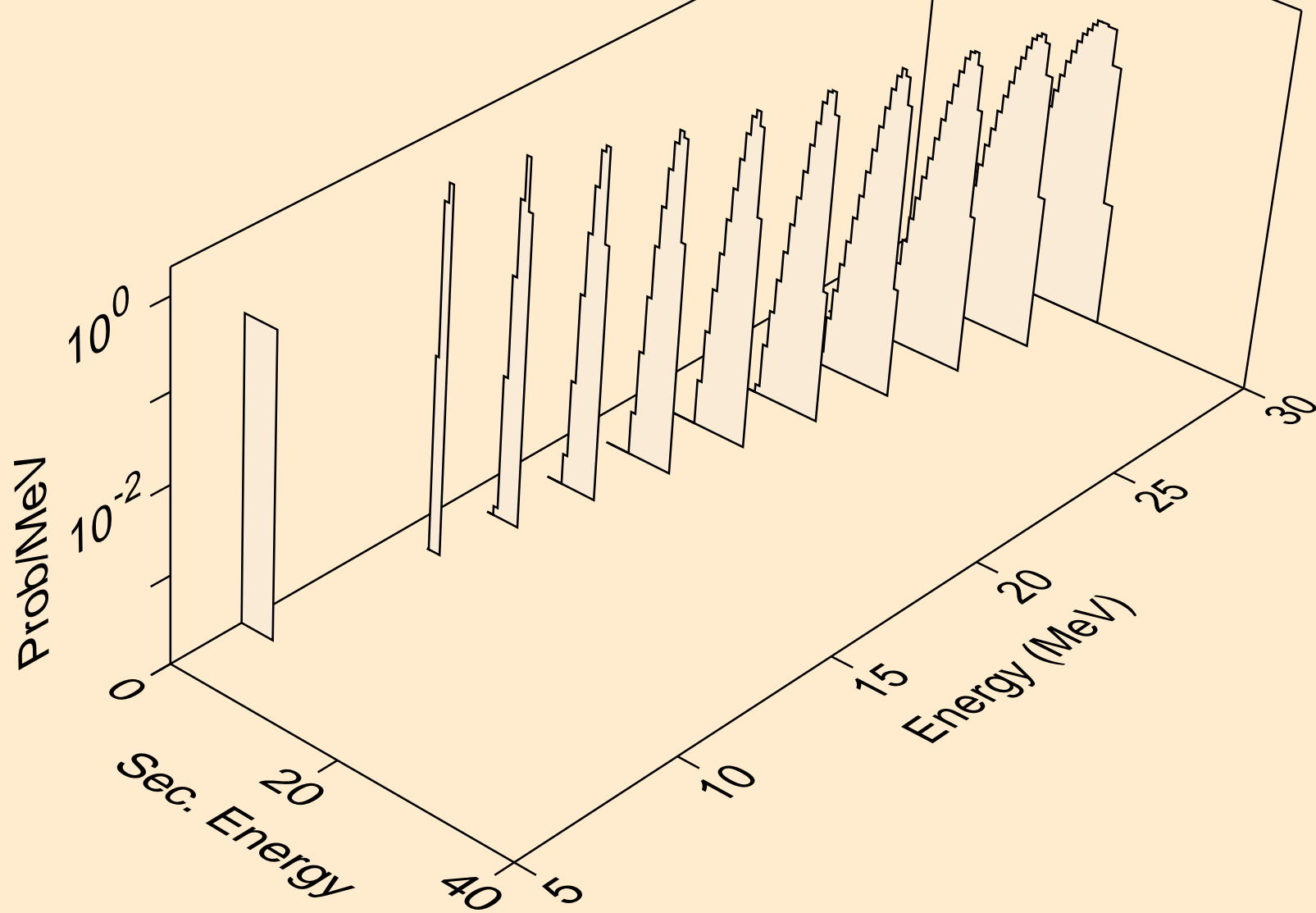
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



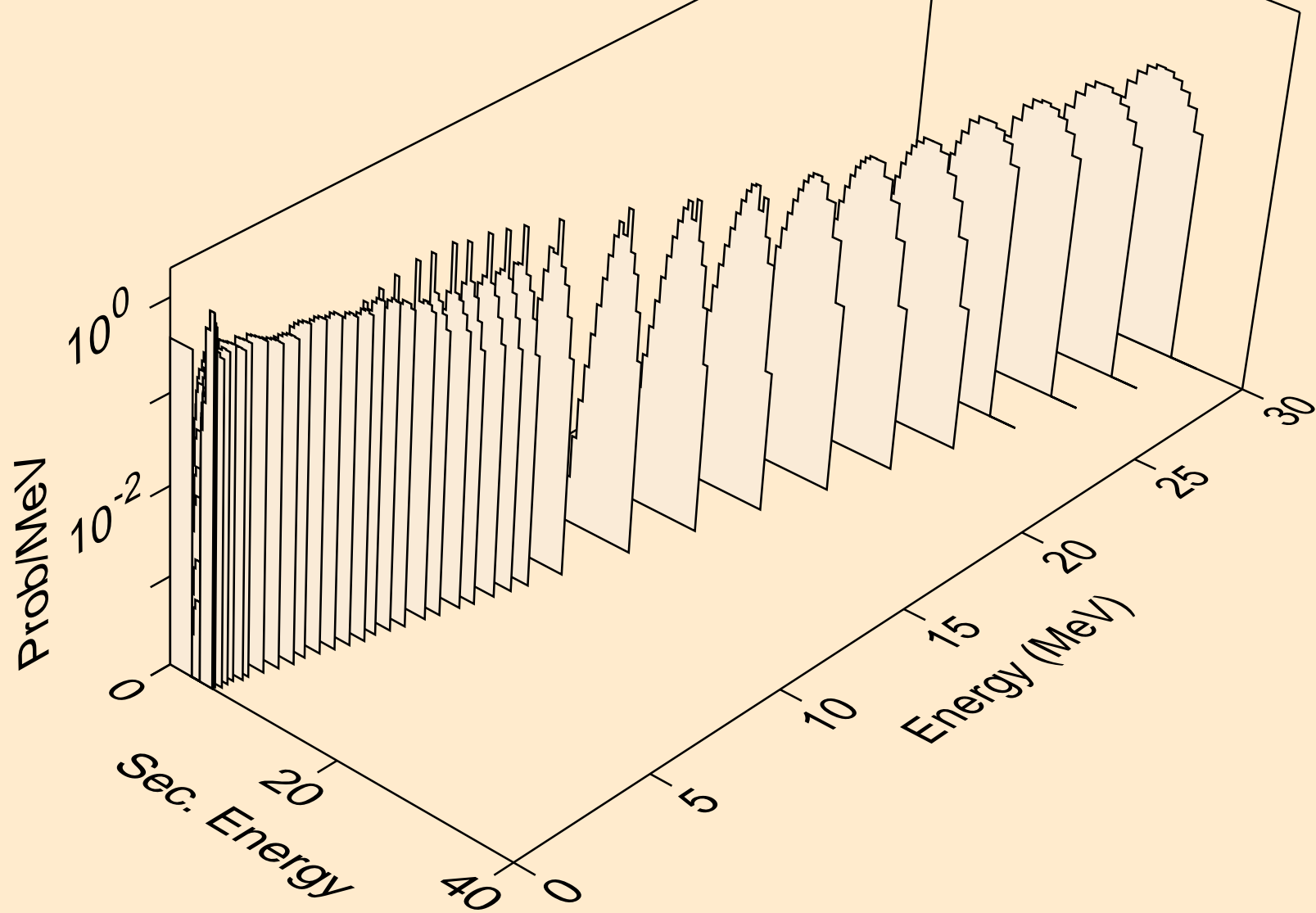
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



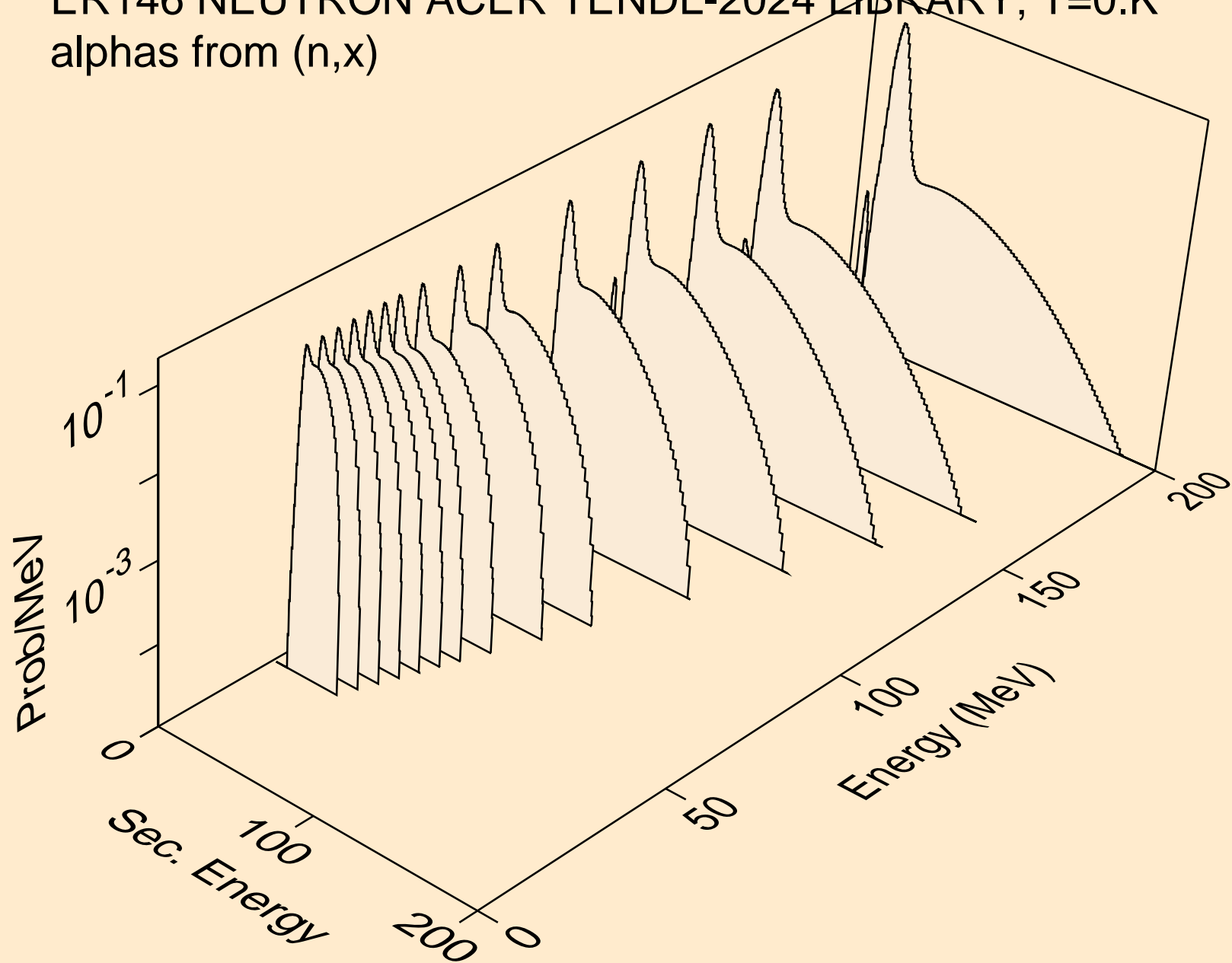
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

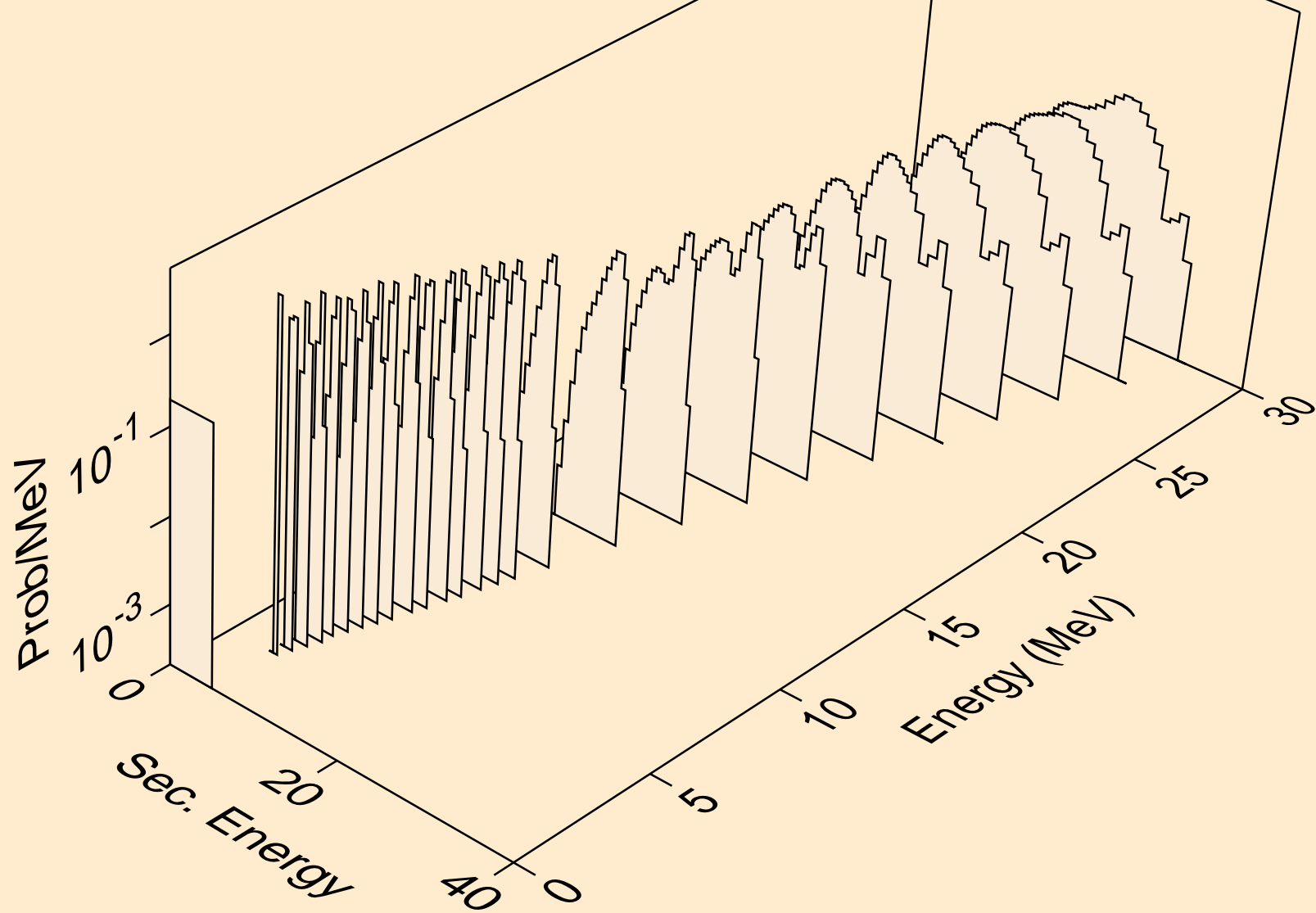


ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

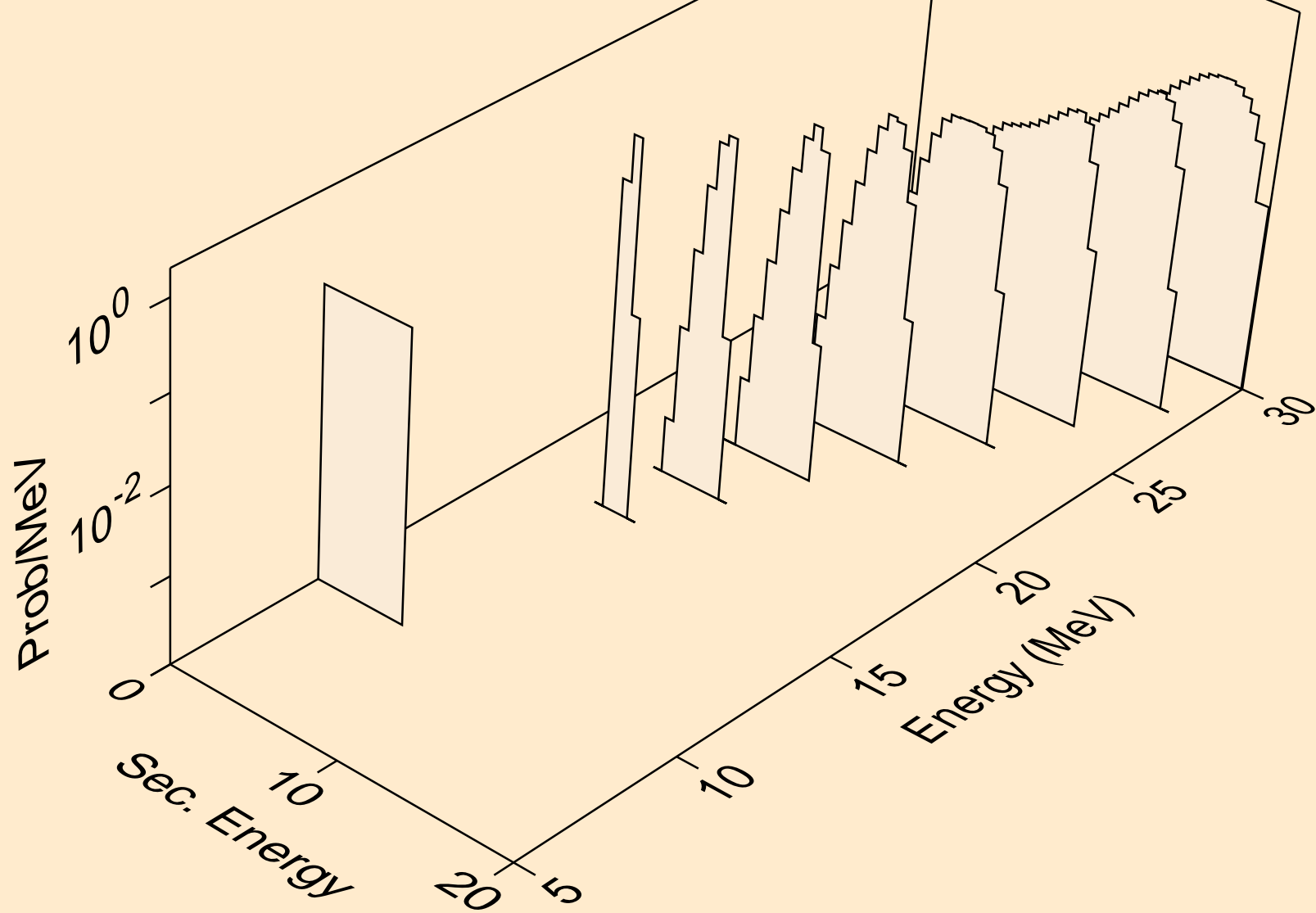




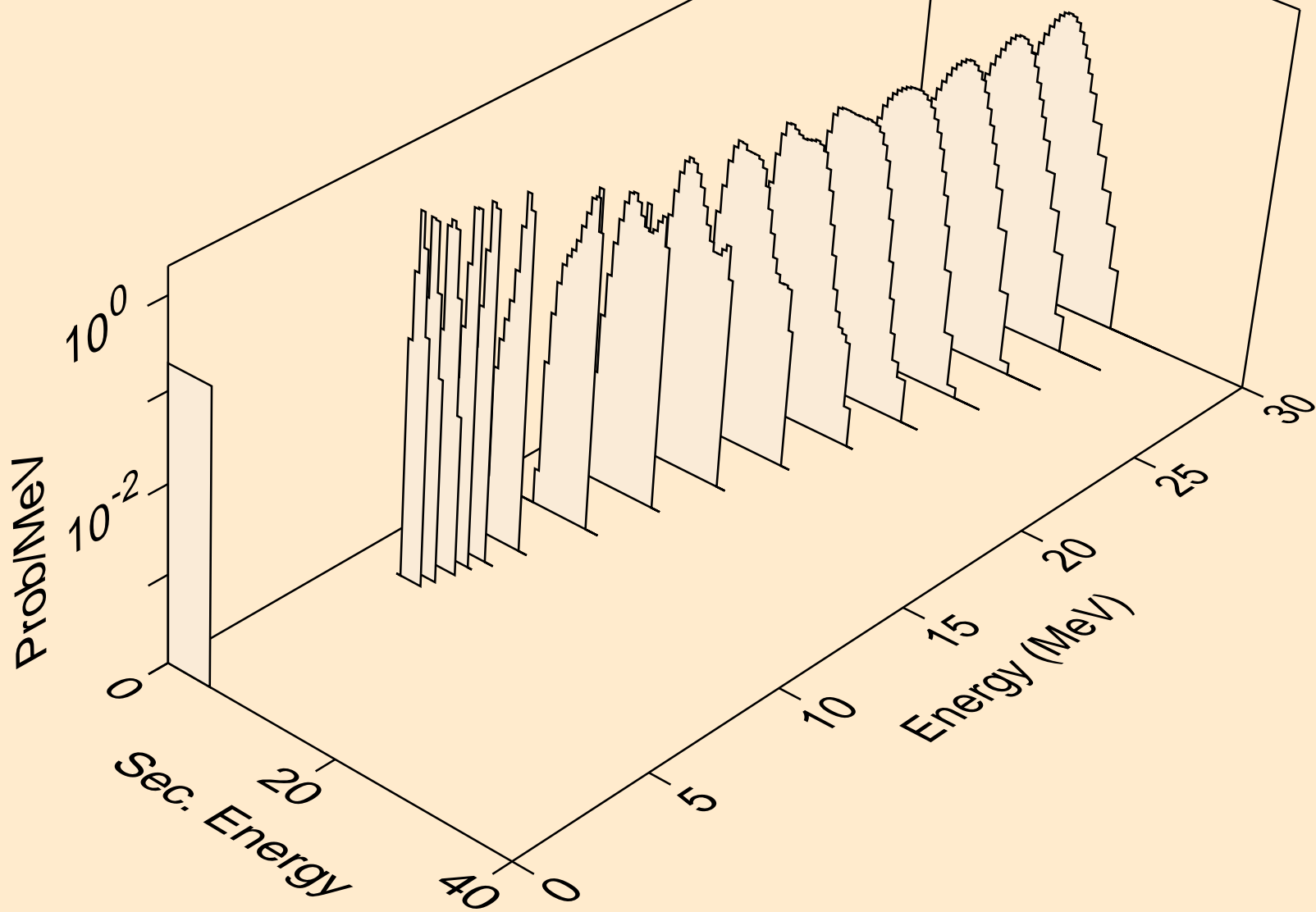
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



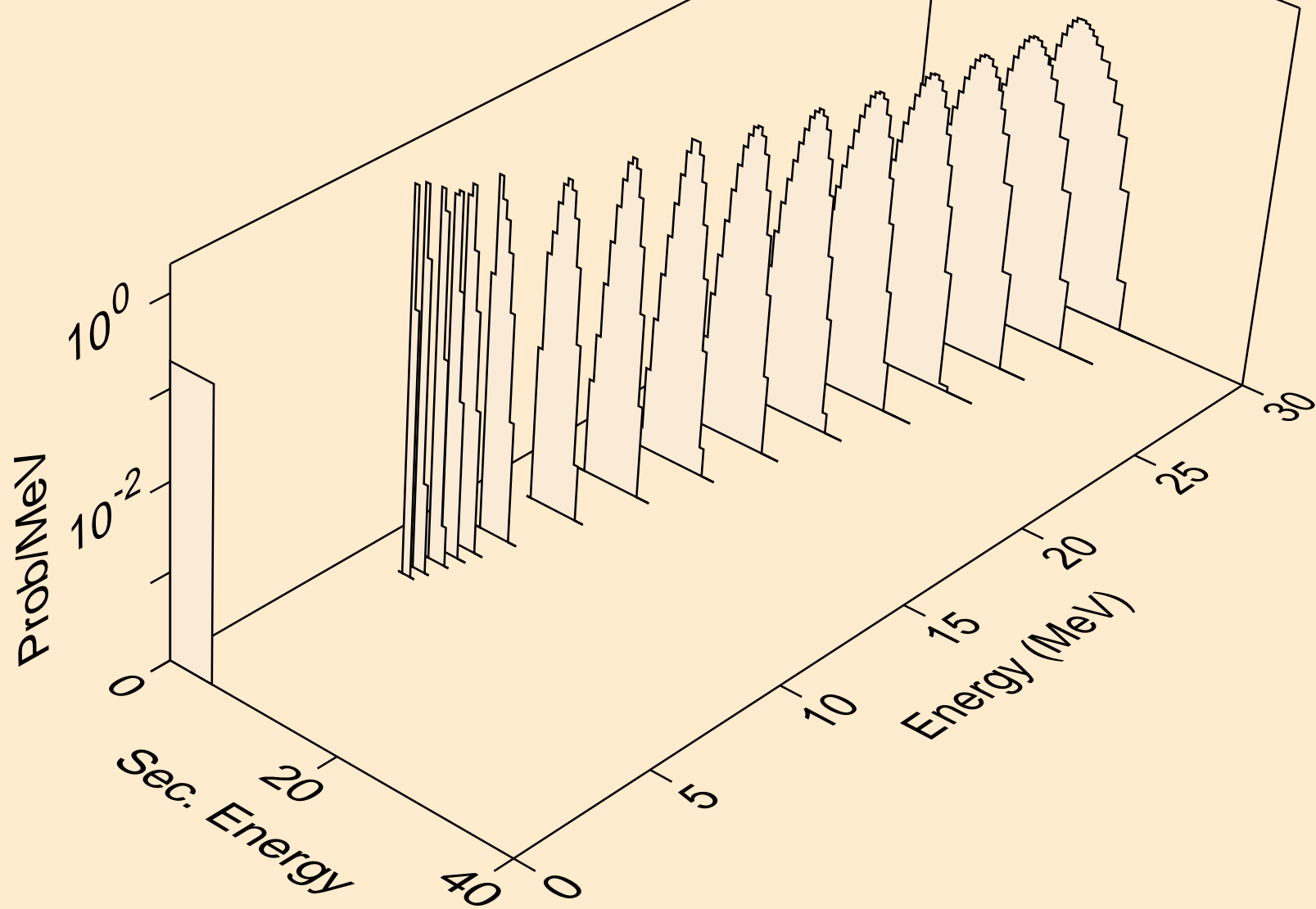
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



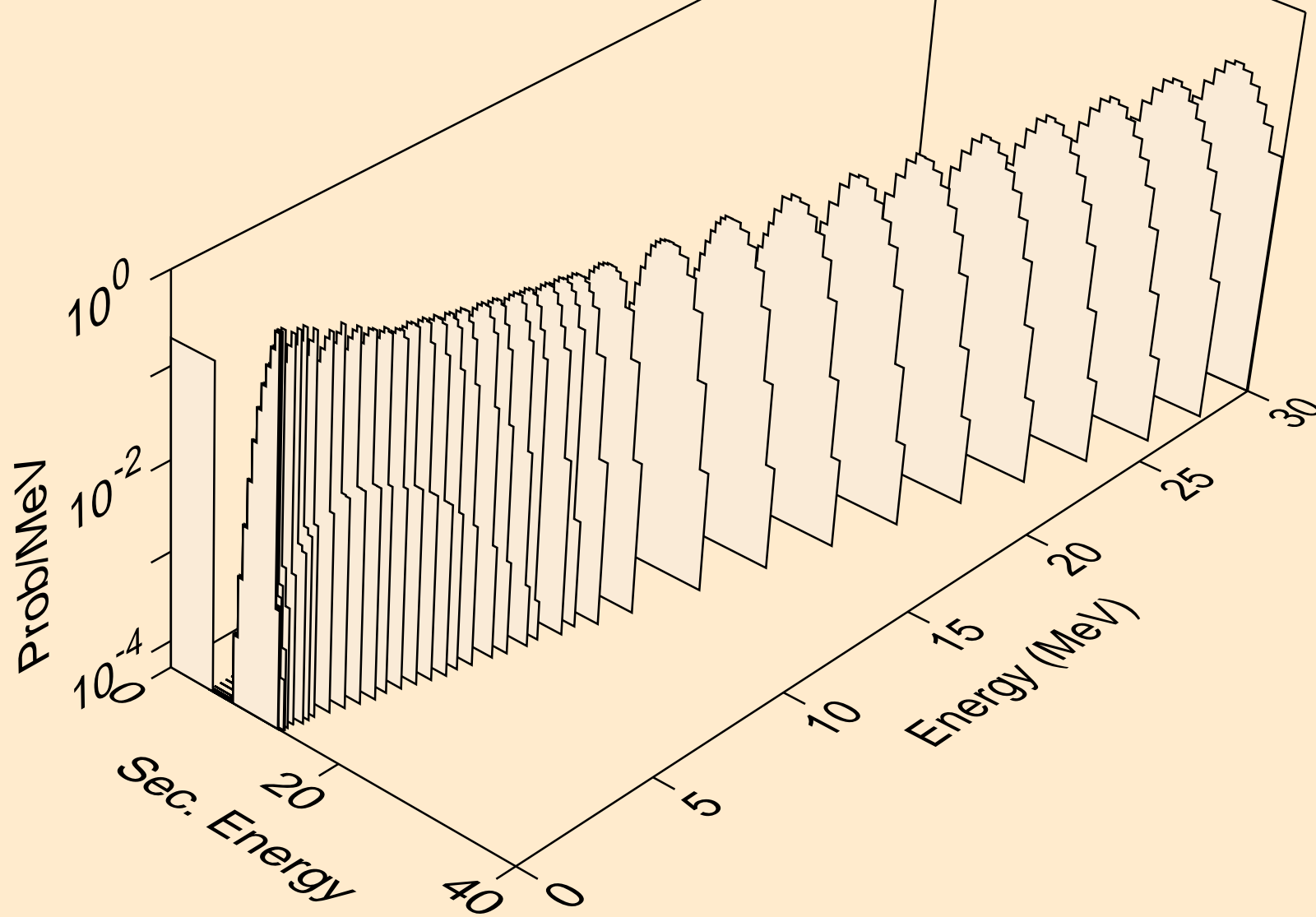
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



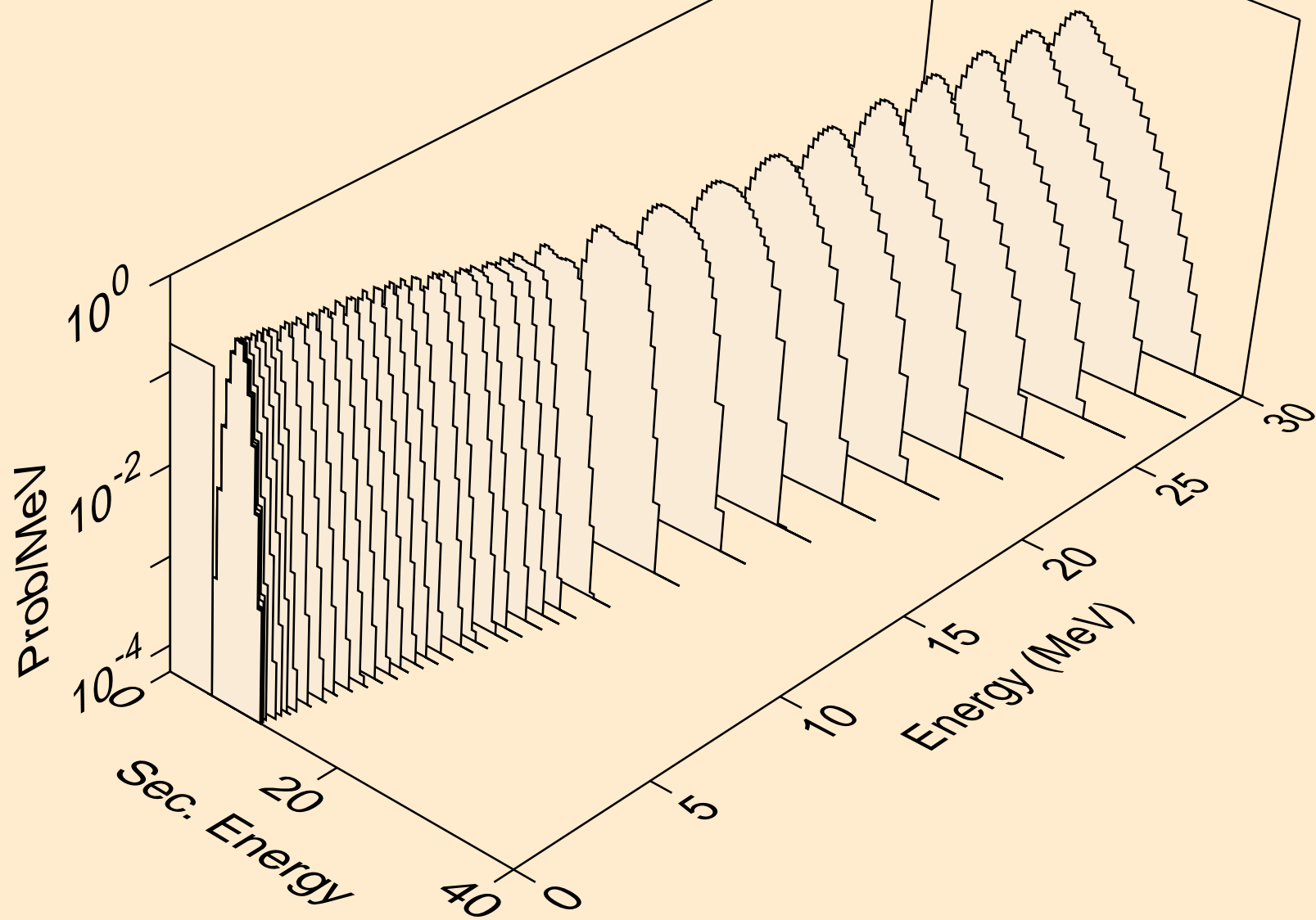
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



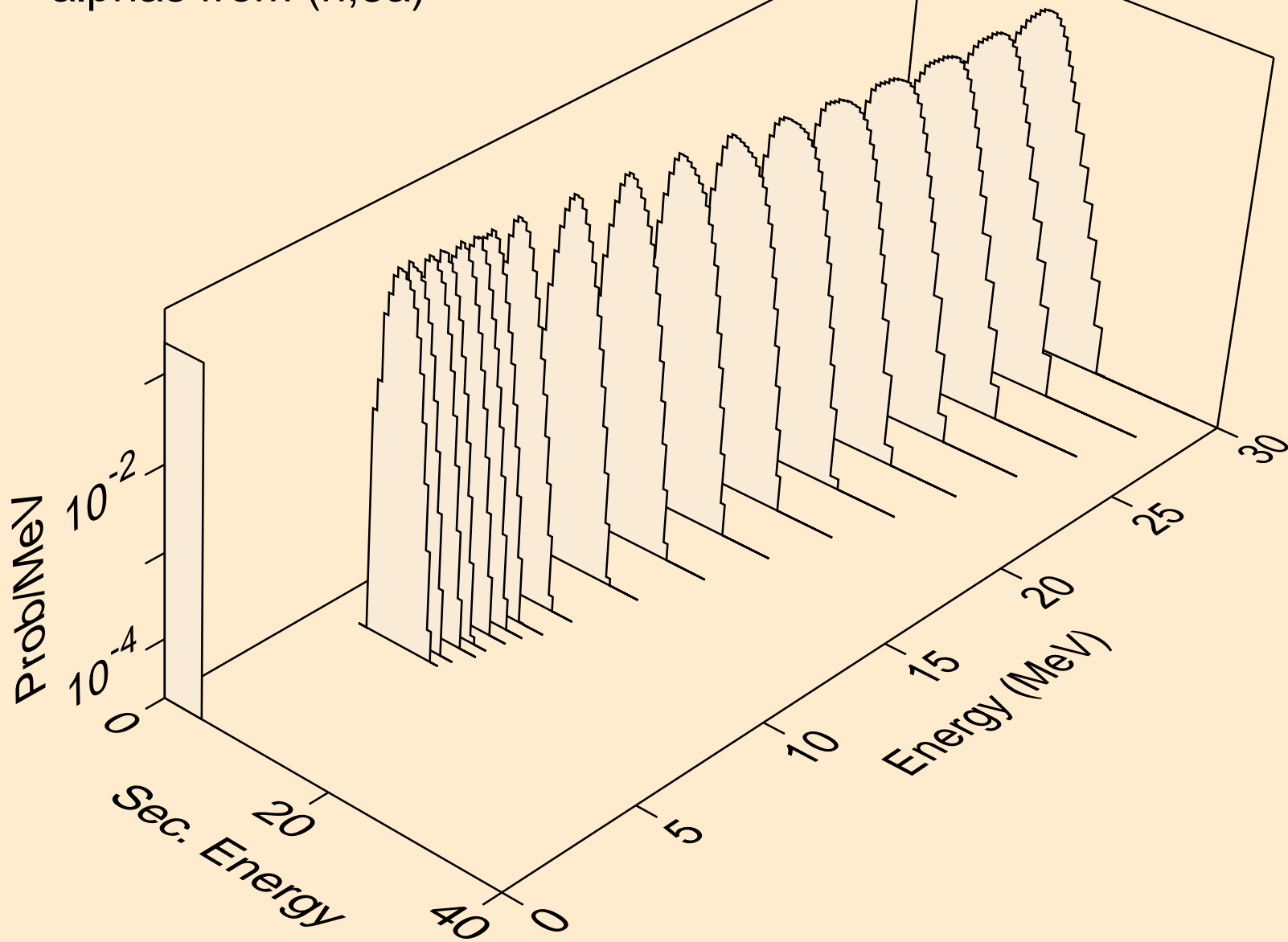
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



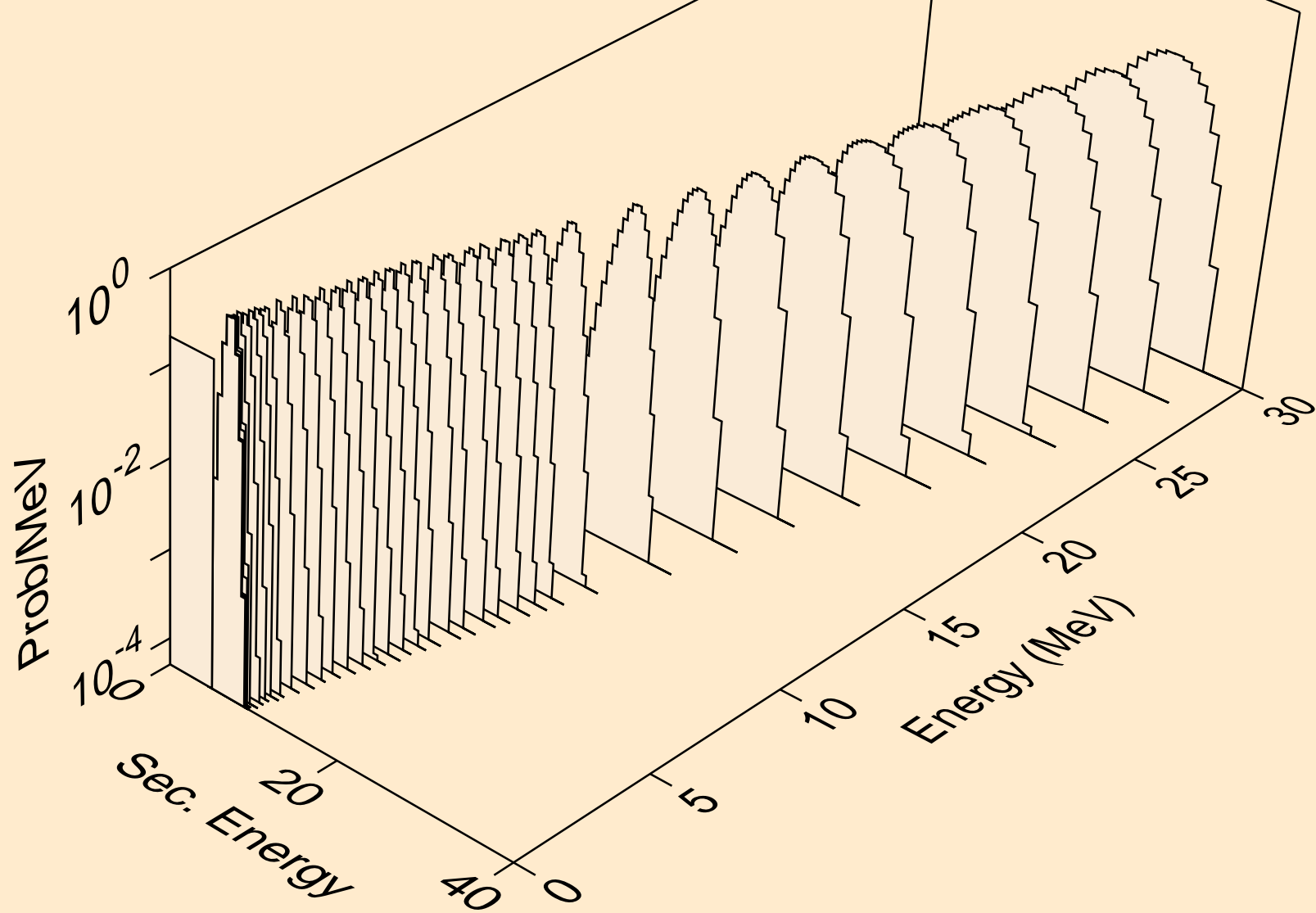
ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





ER146 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

