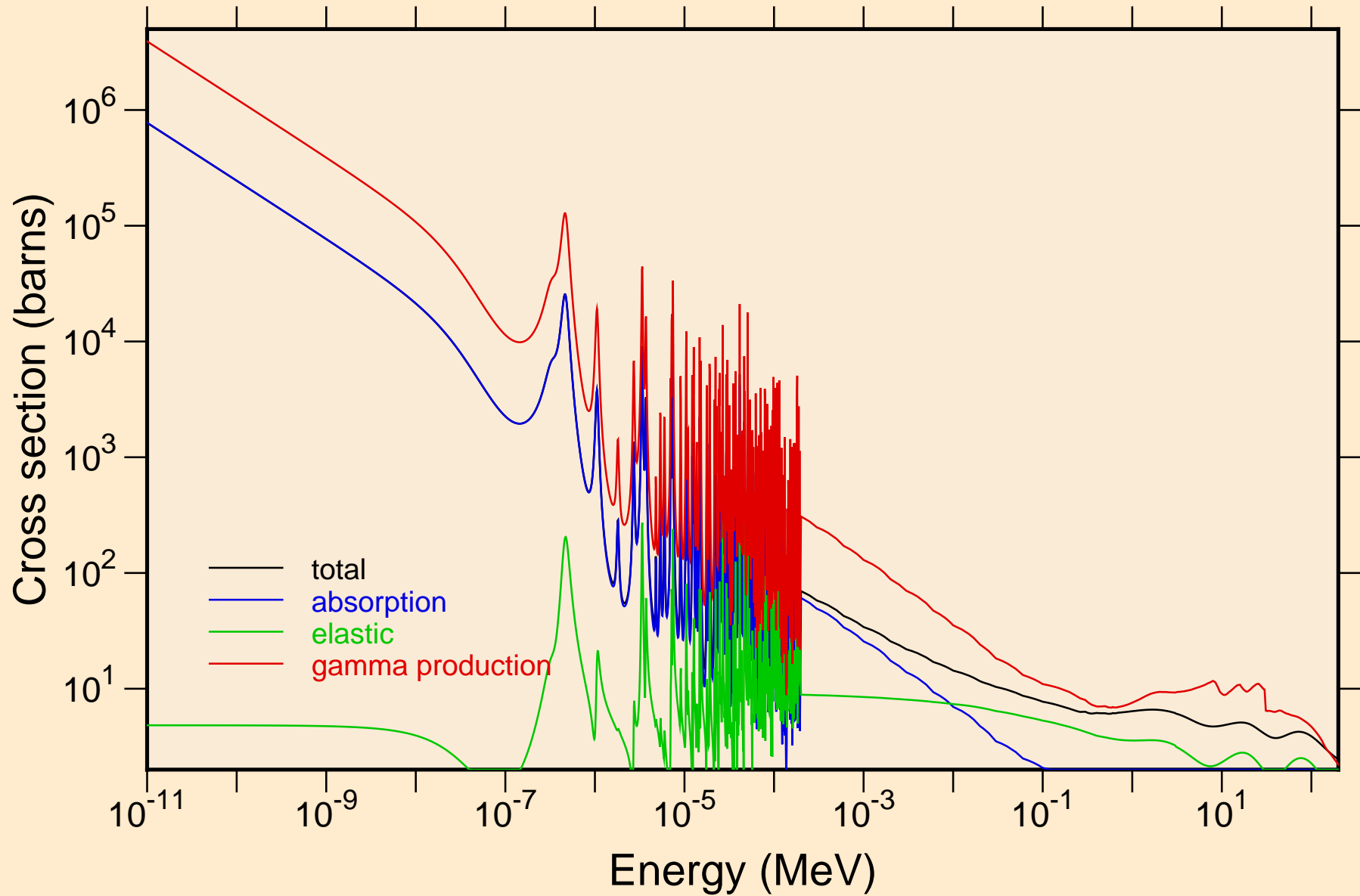
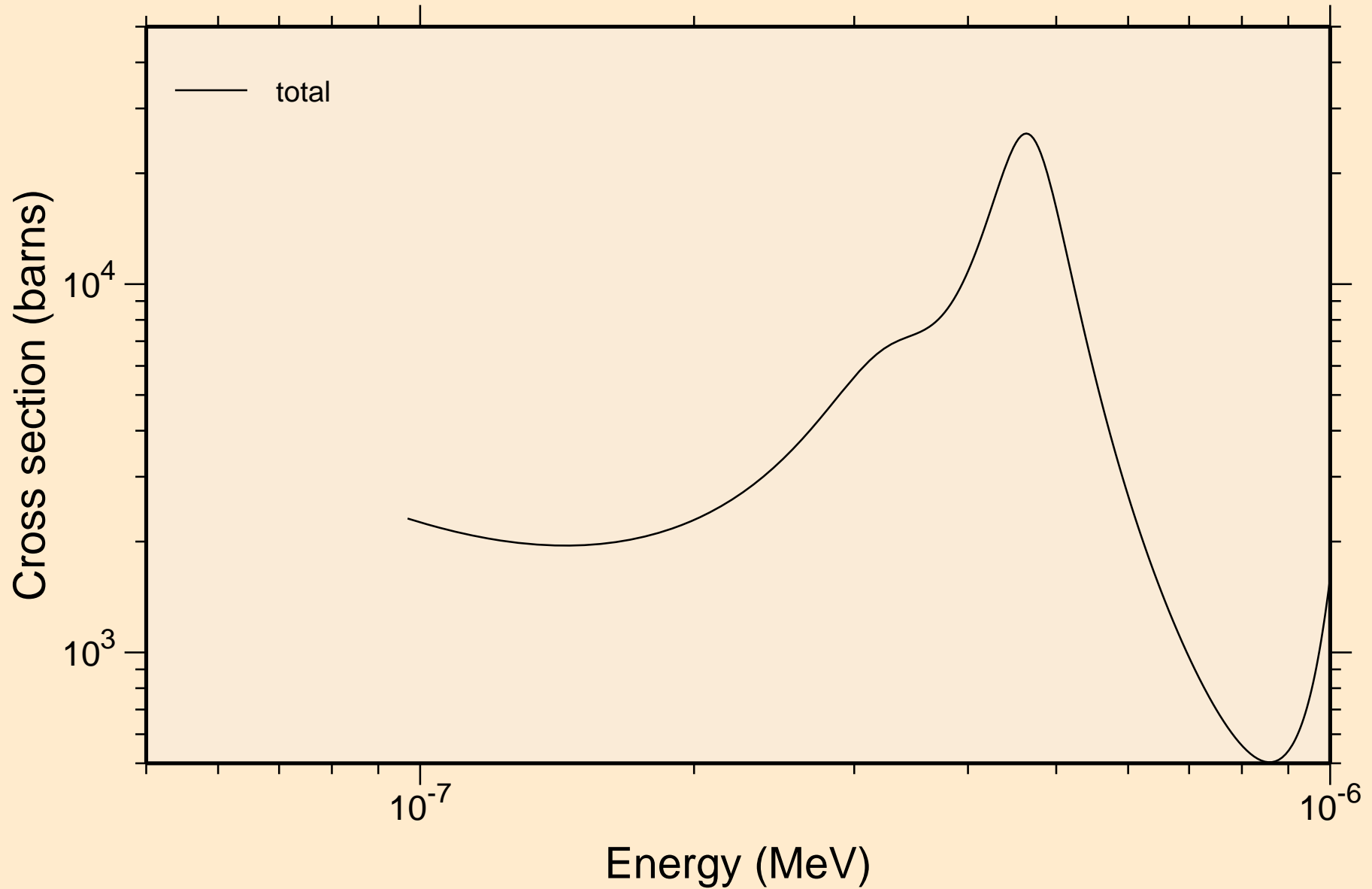


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

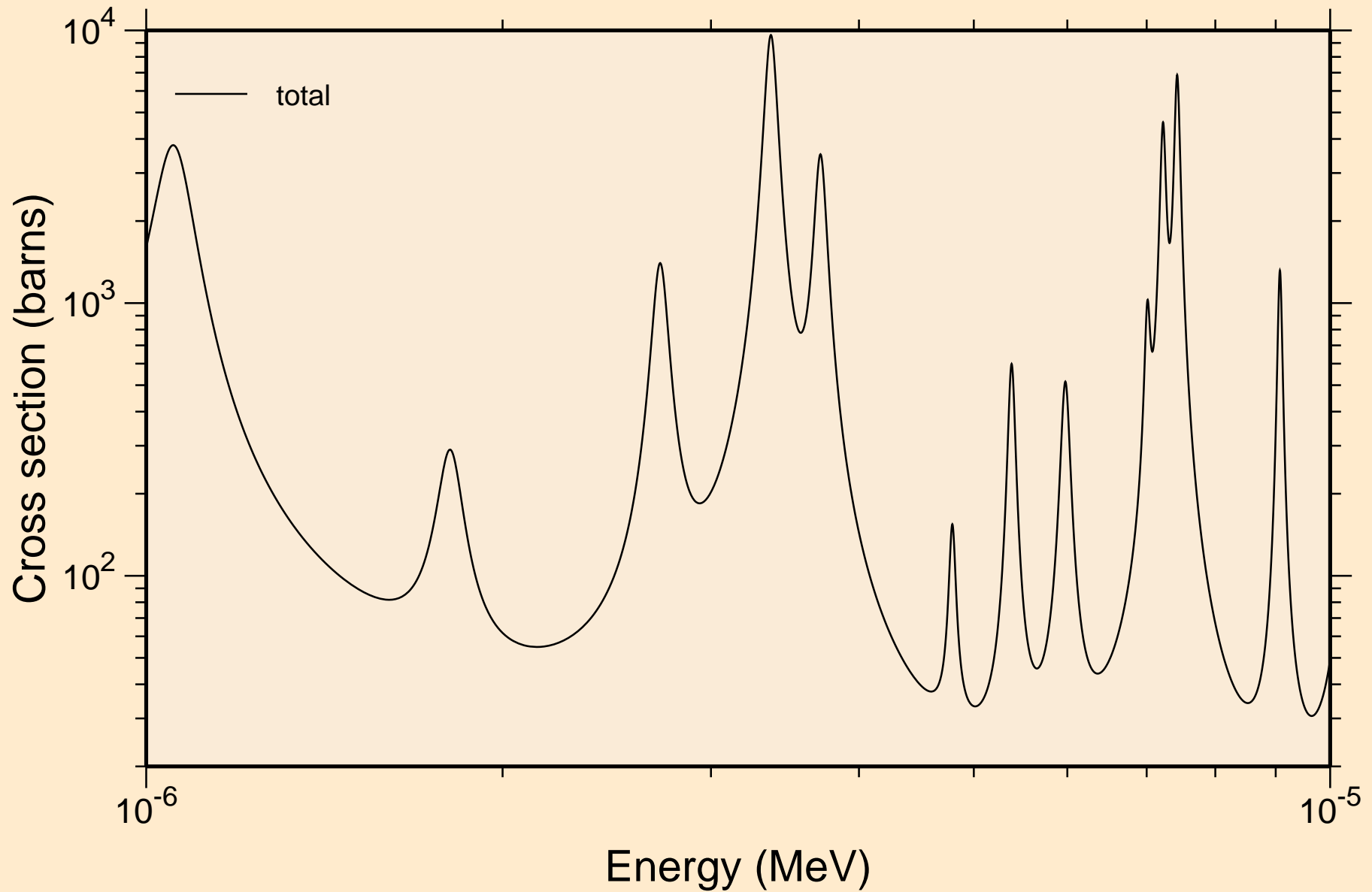
## Principal cross sections



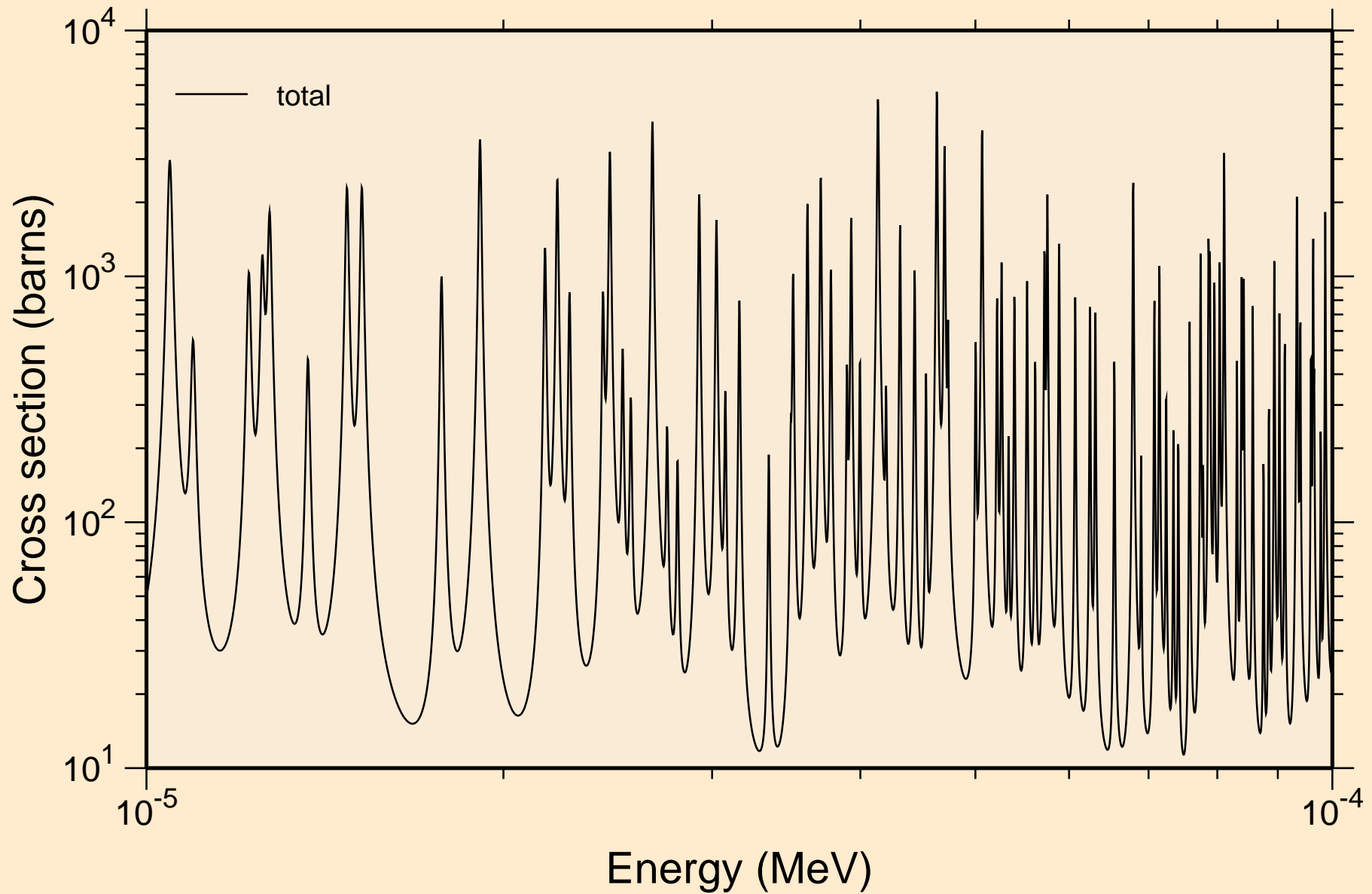
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



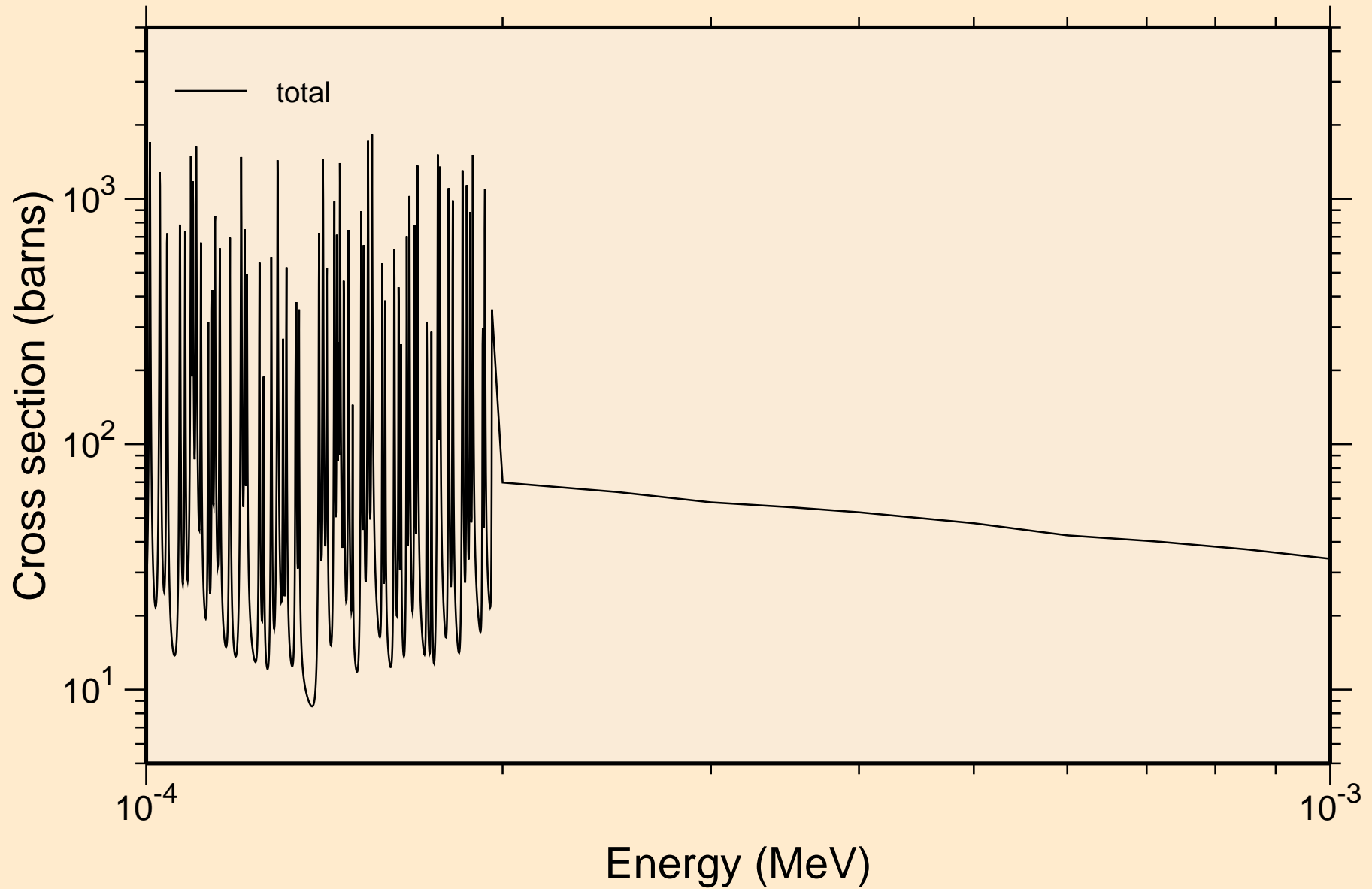
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



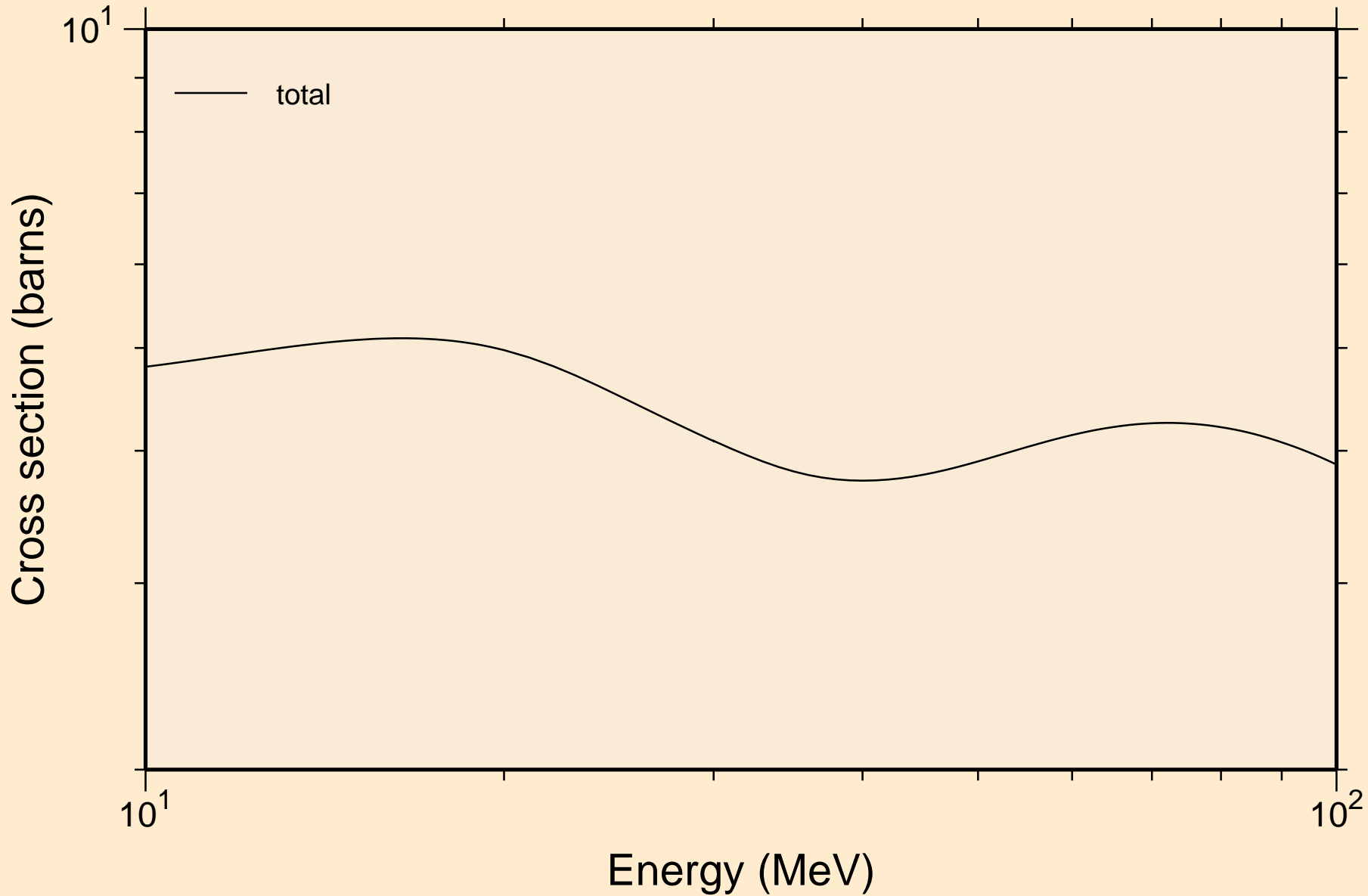
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



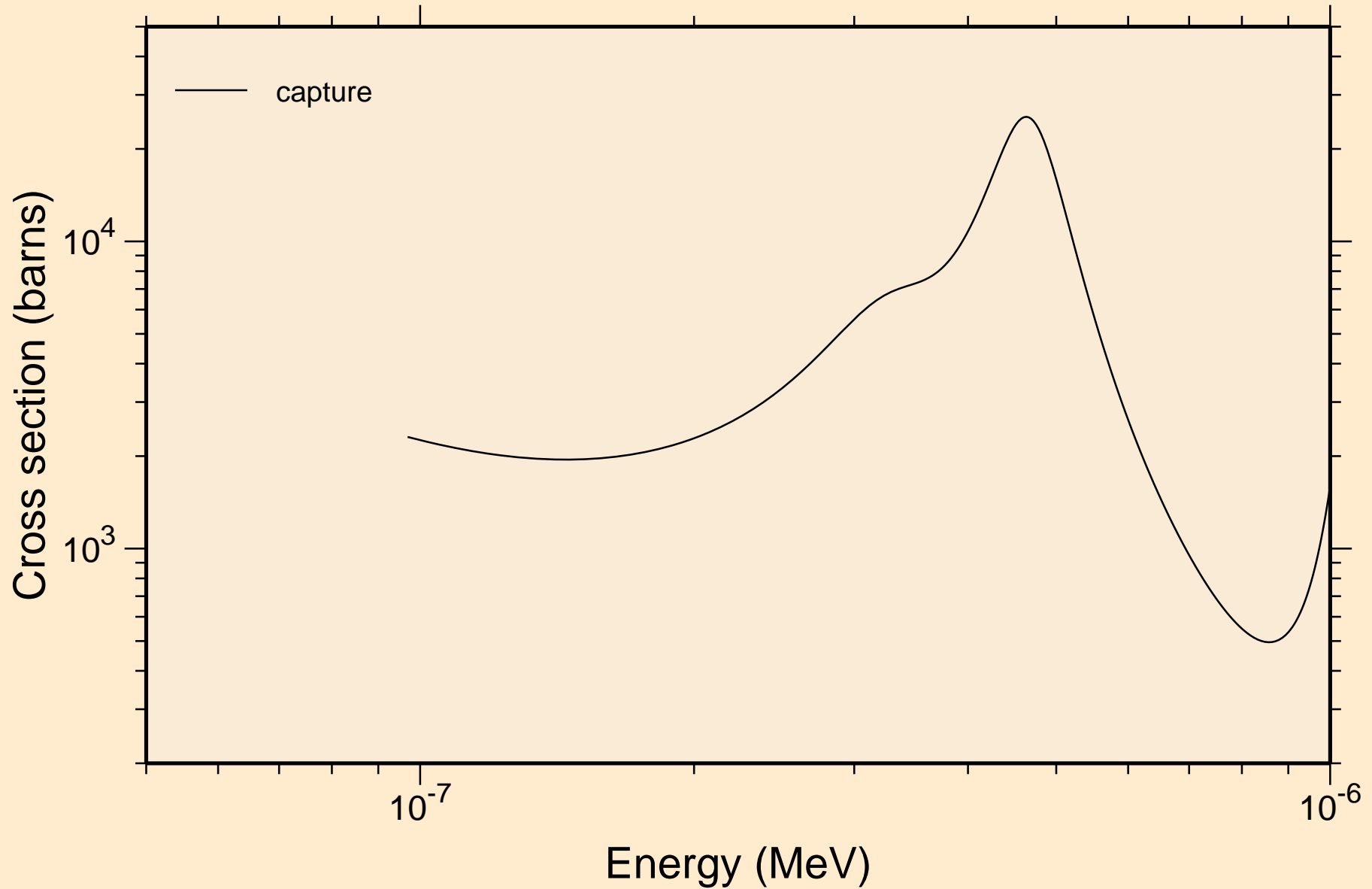
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



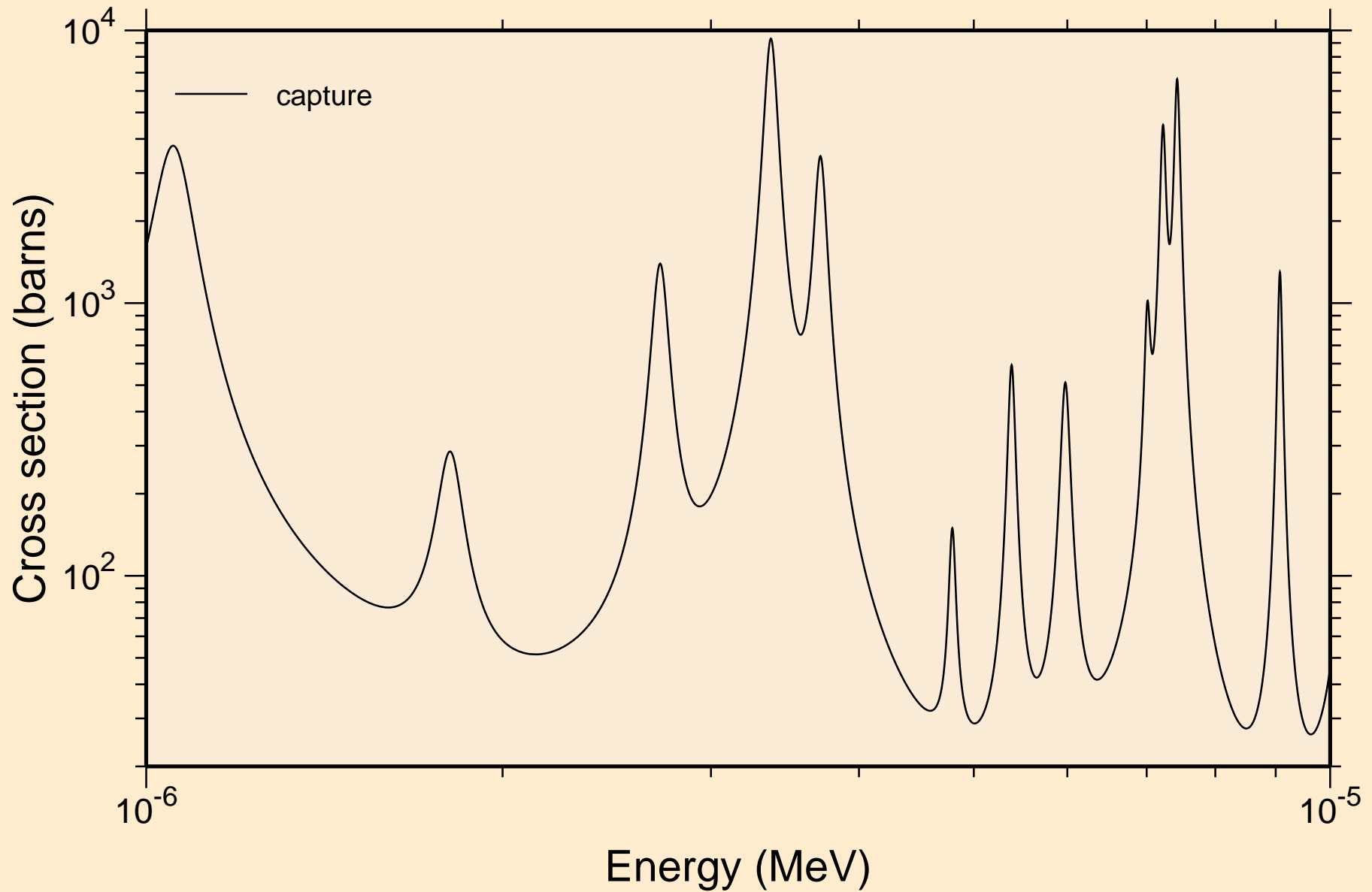
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

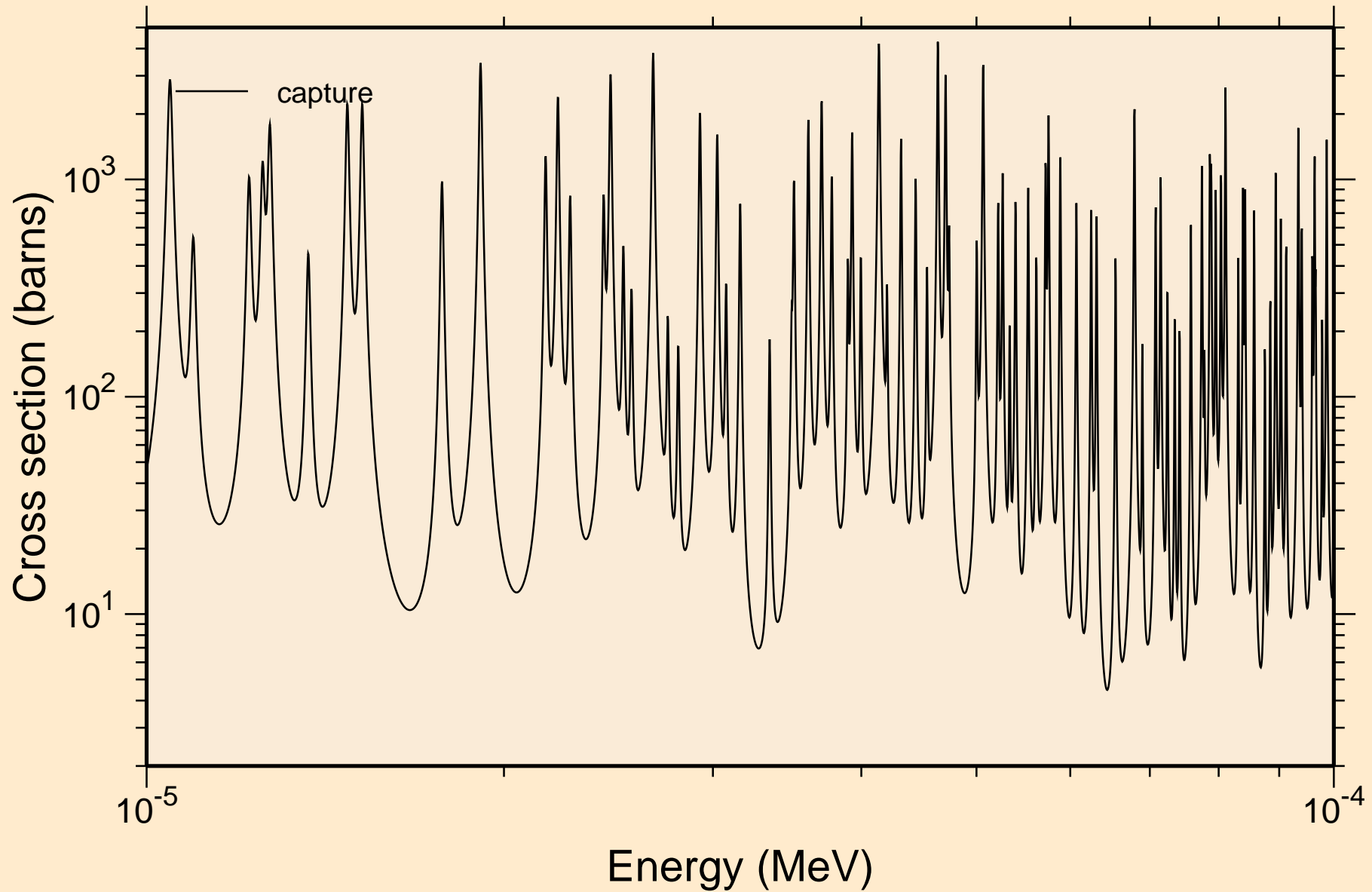


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

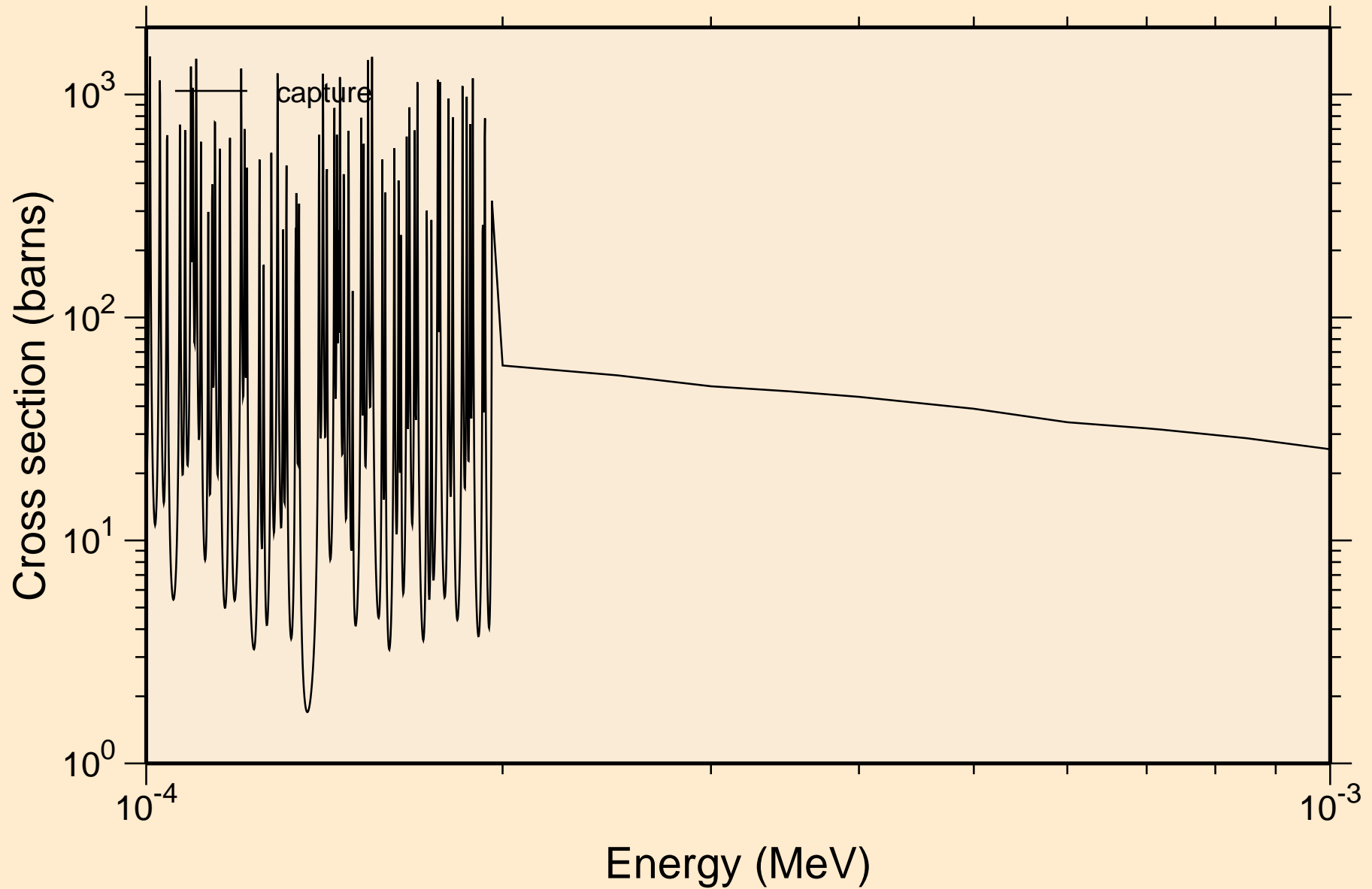




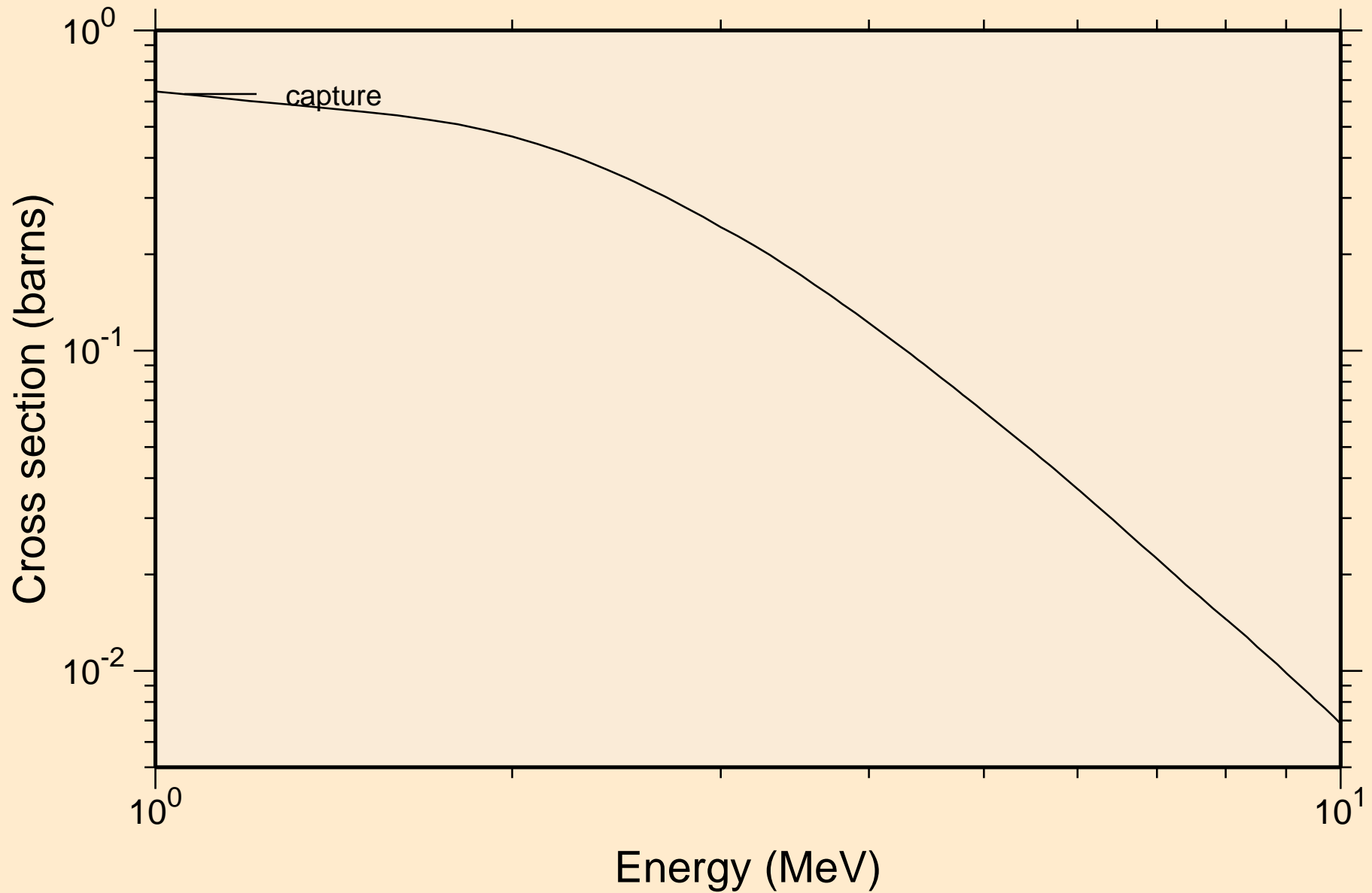
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

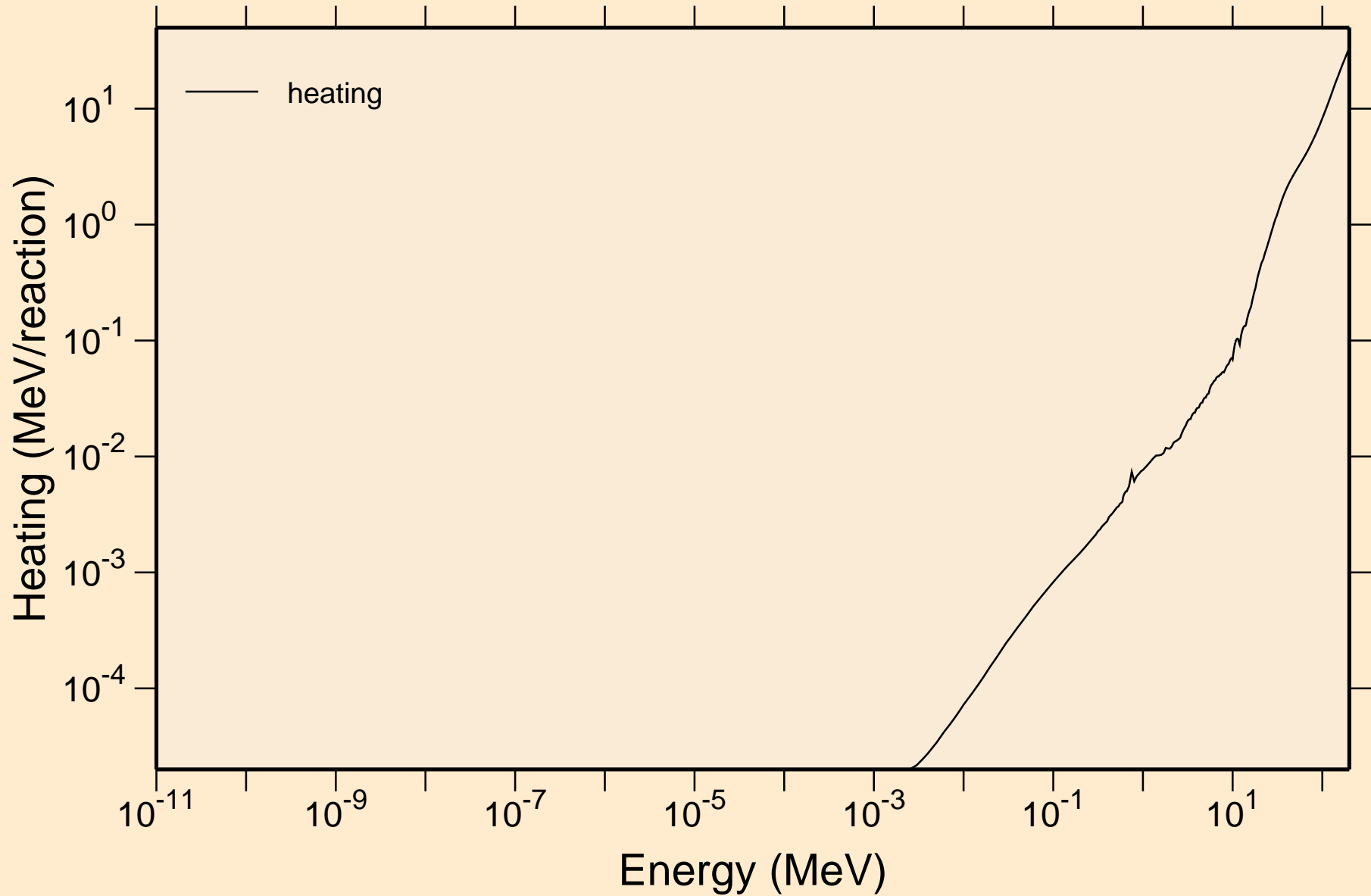


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

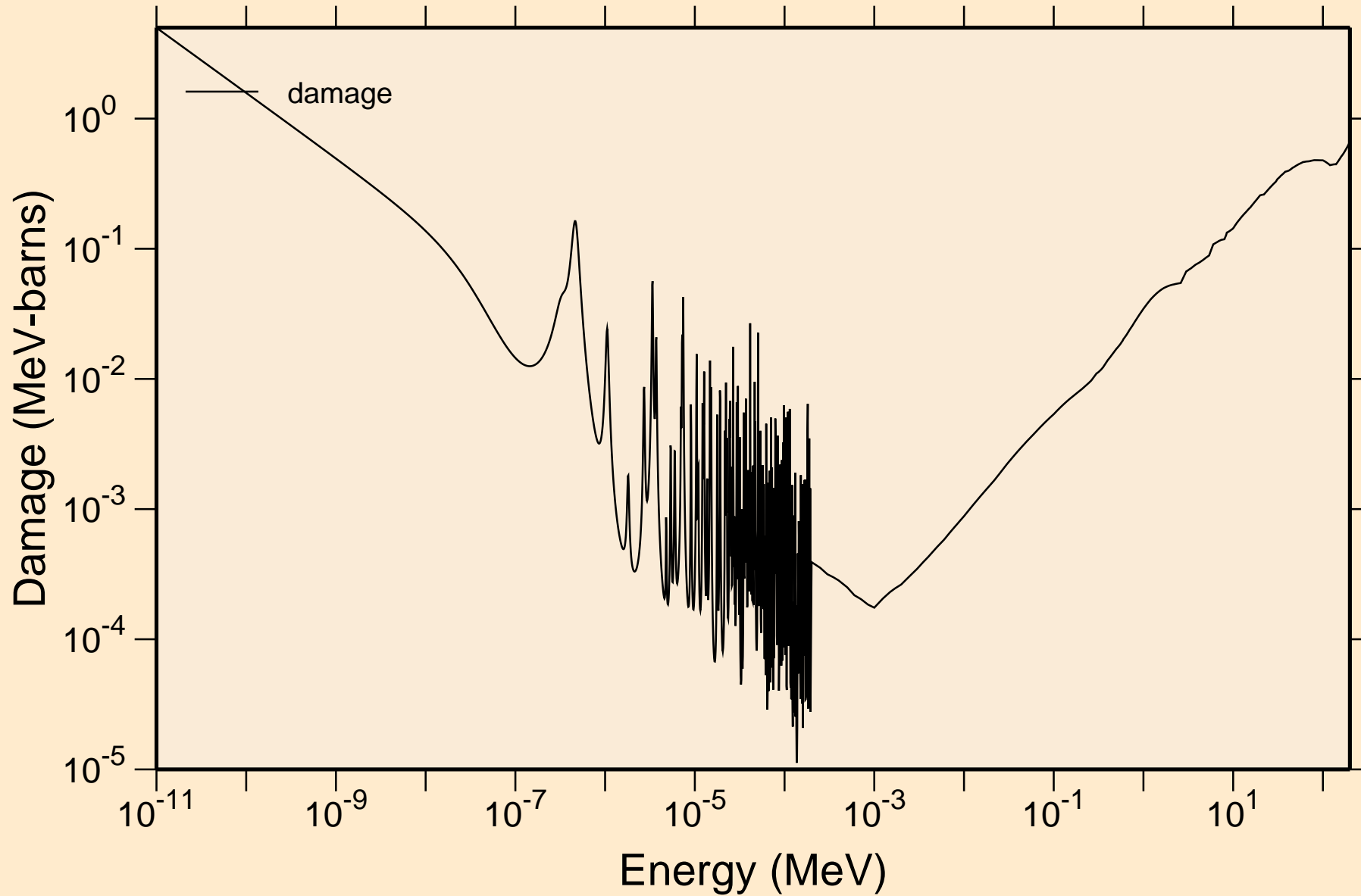


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

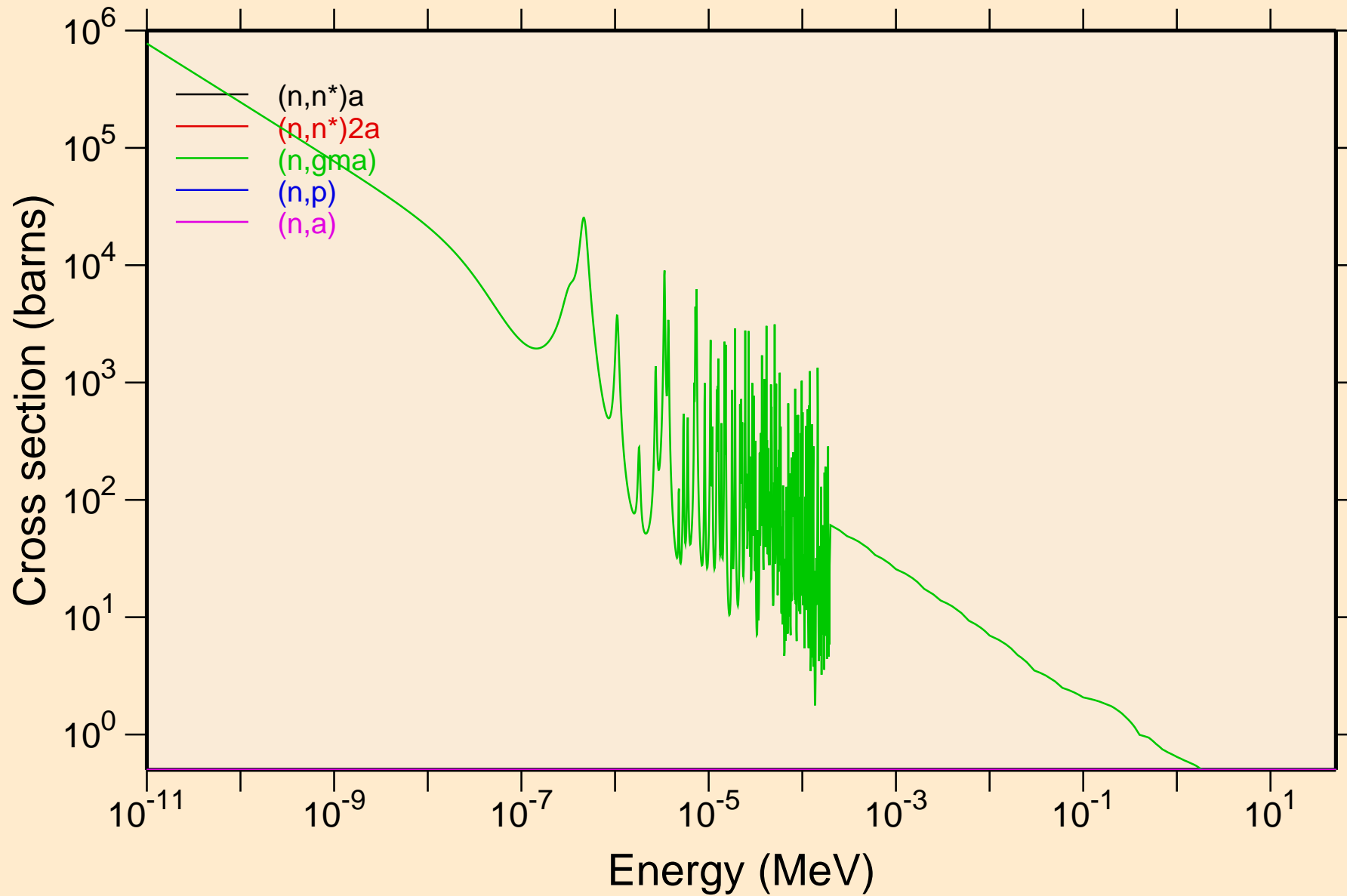


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

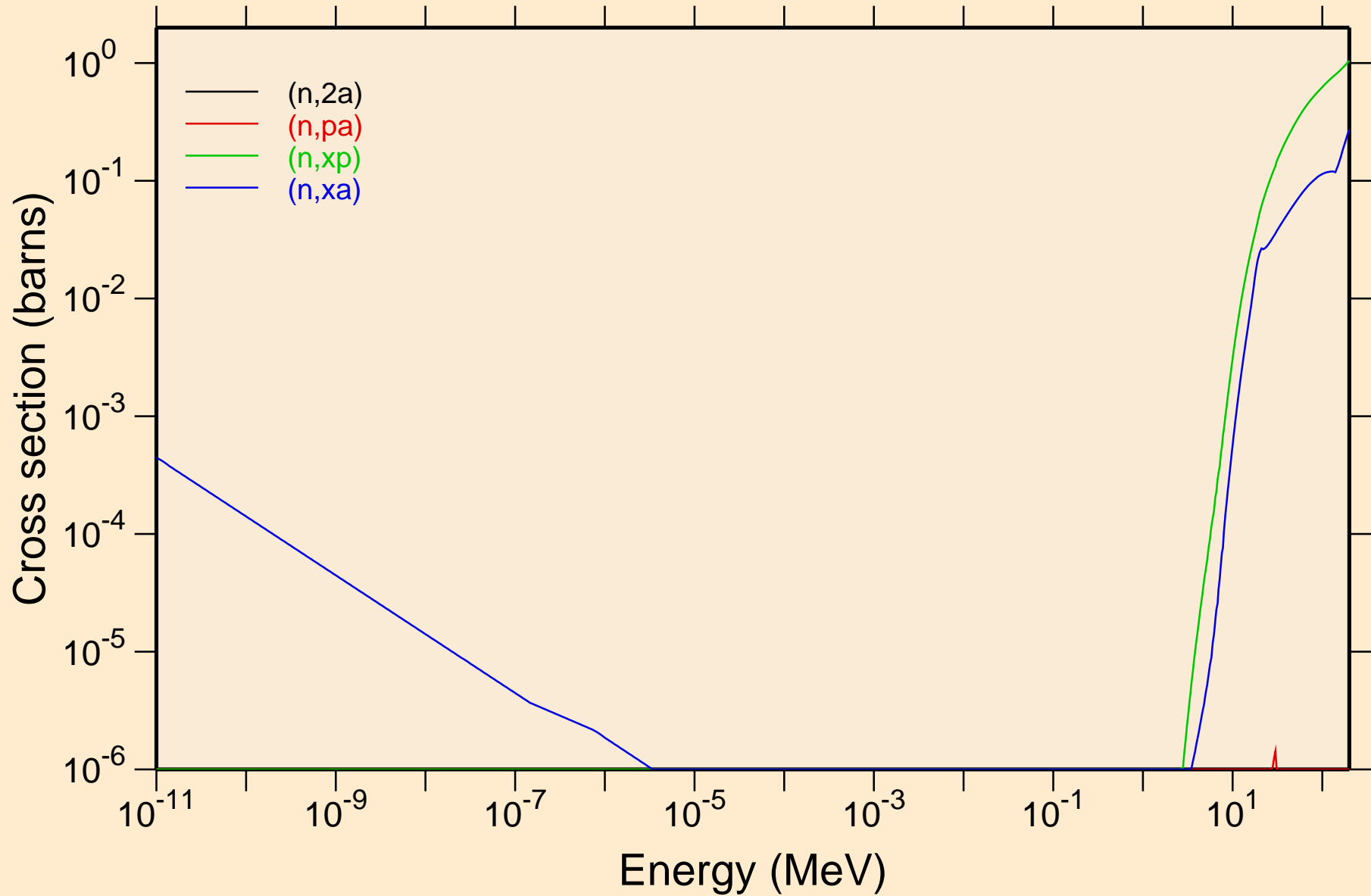


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

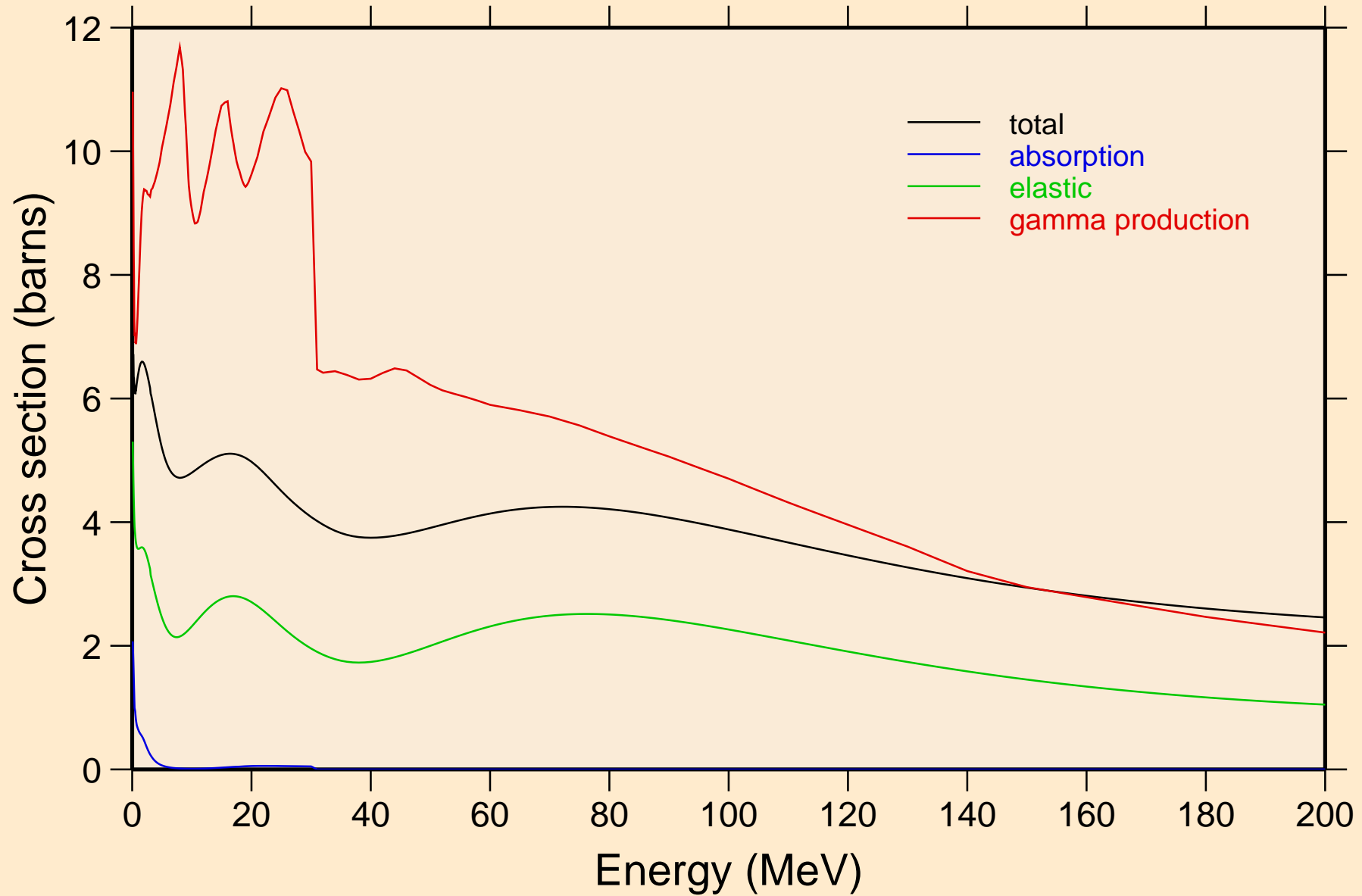


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

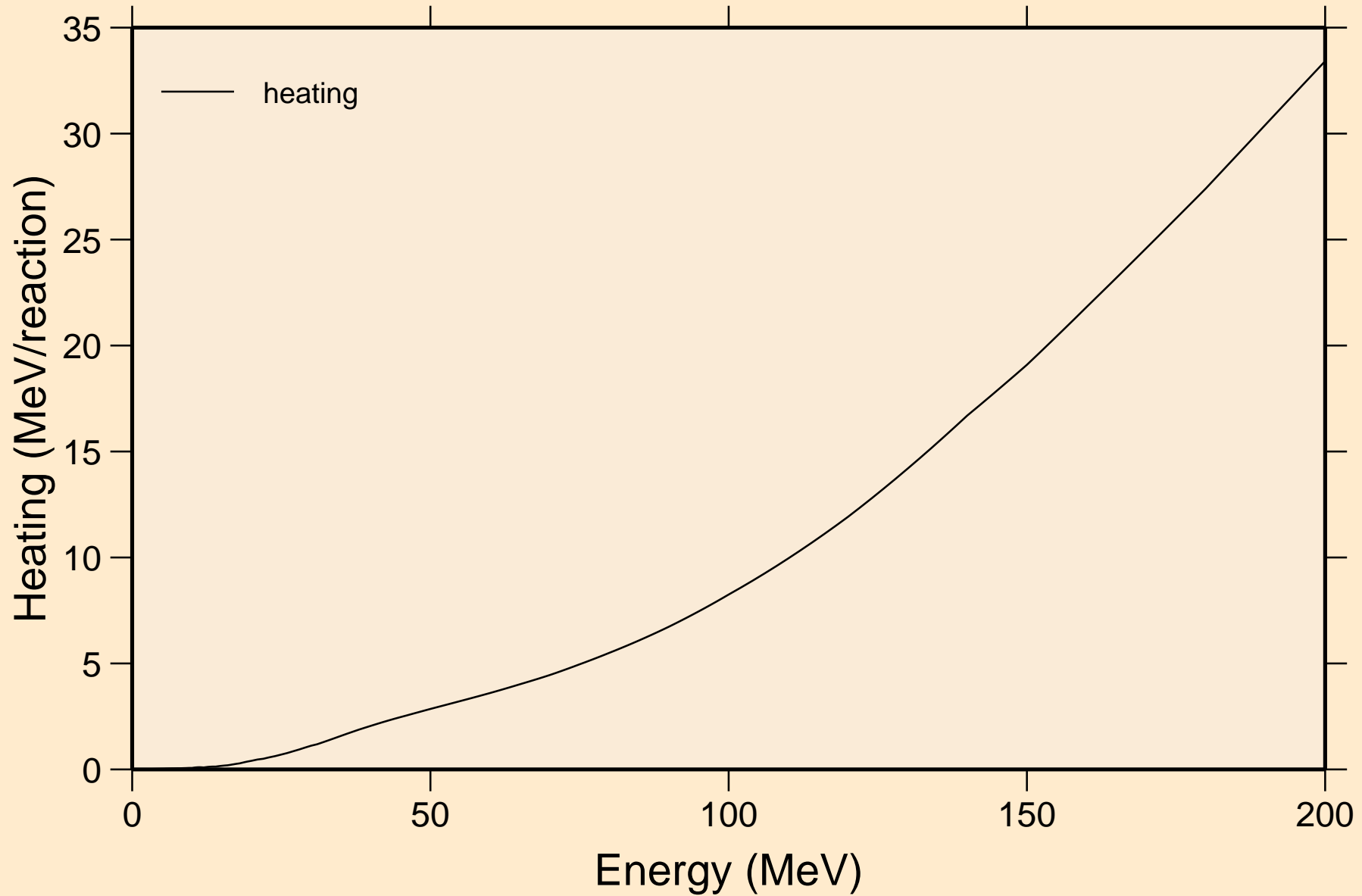
## Principal cross sections





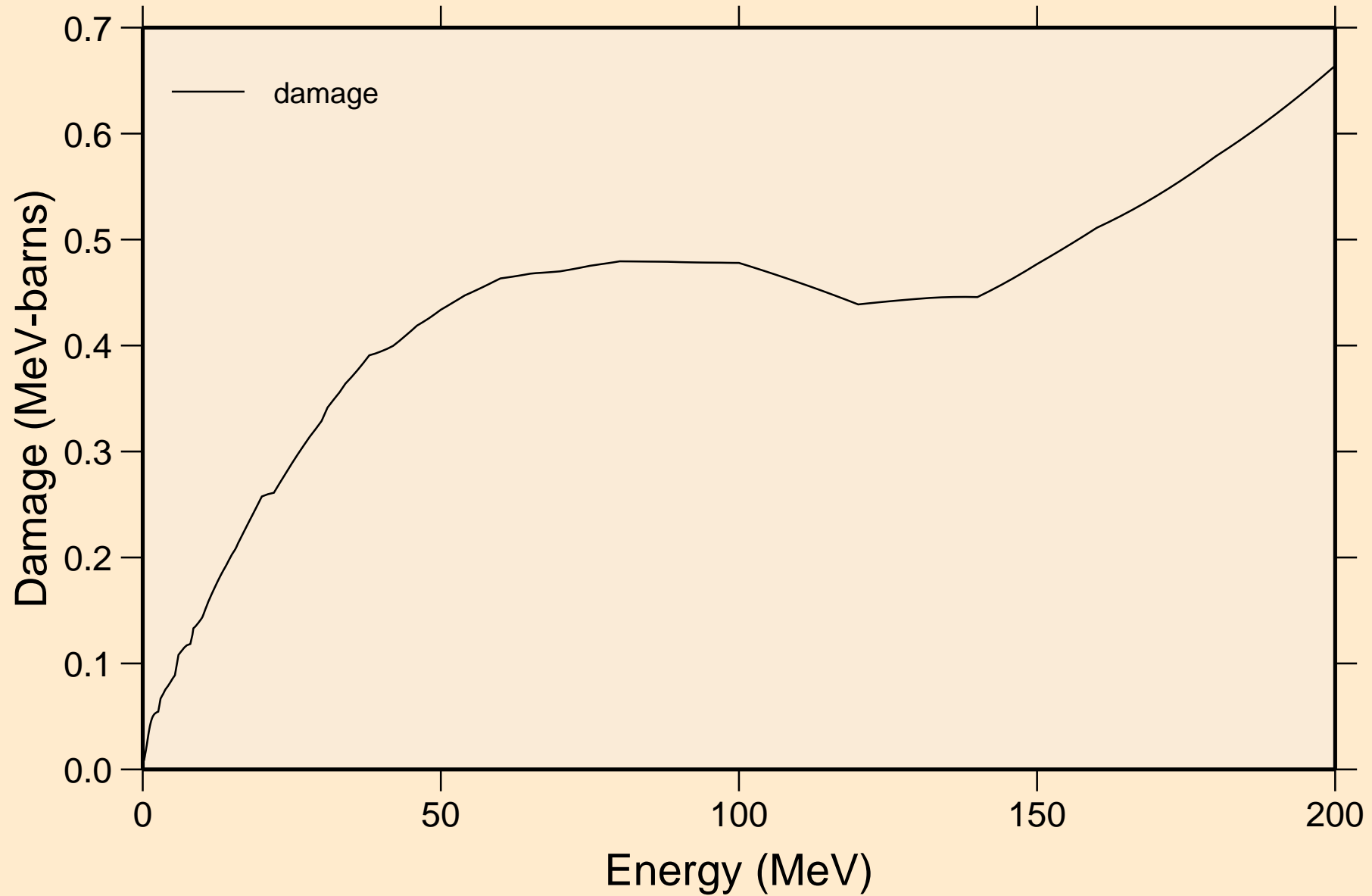
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



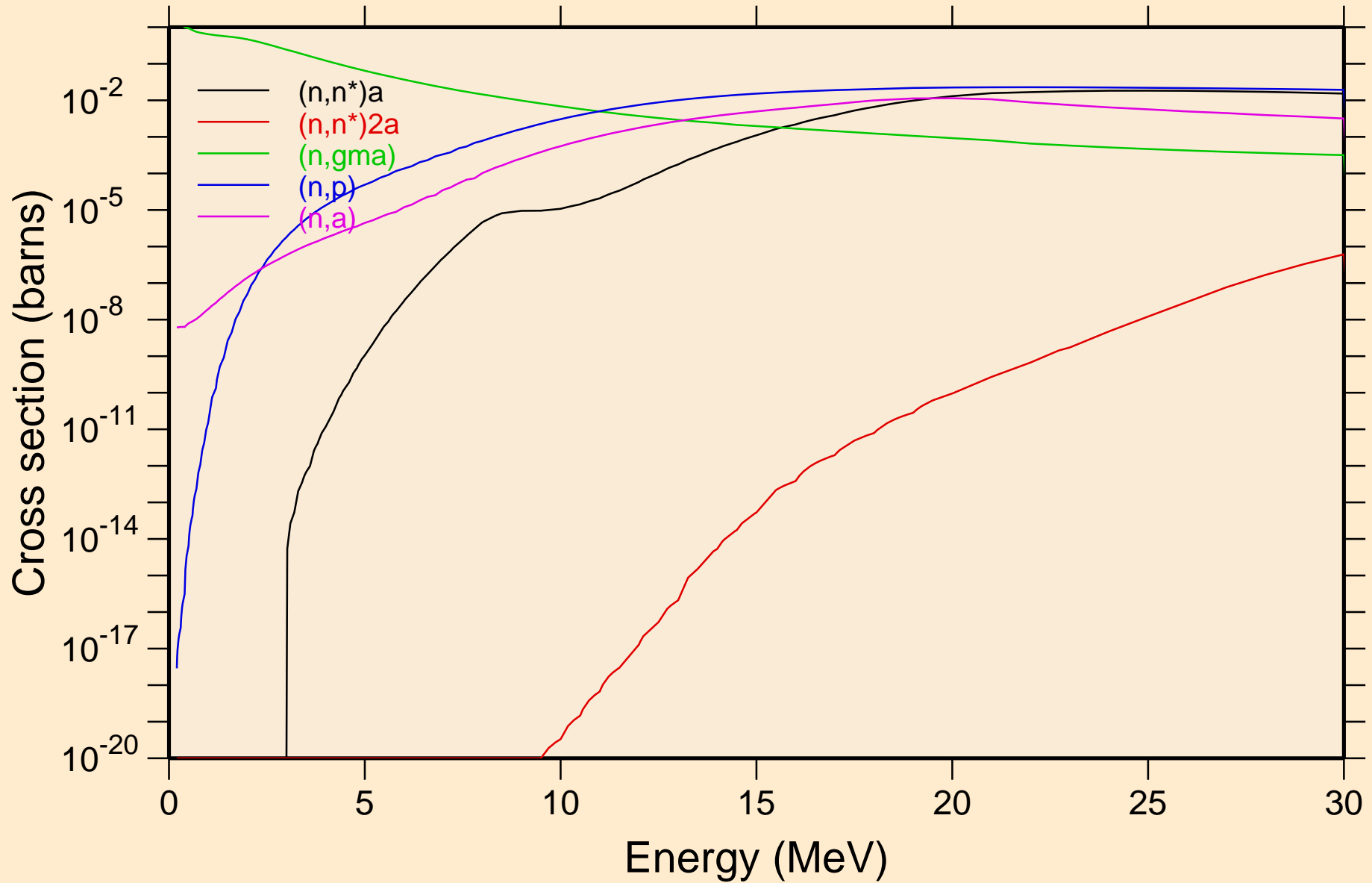
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



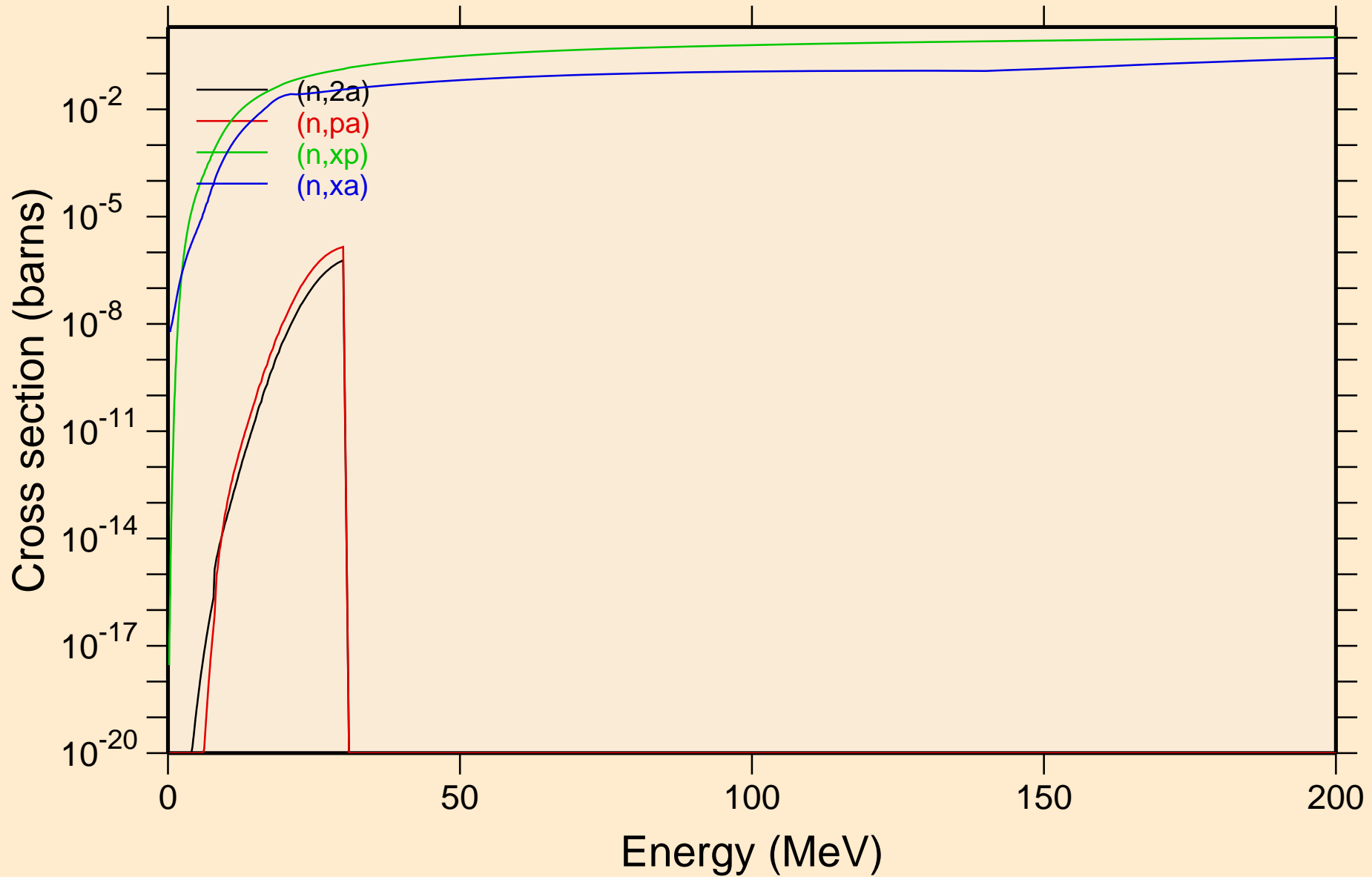
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

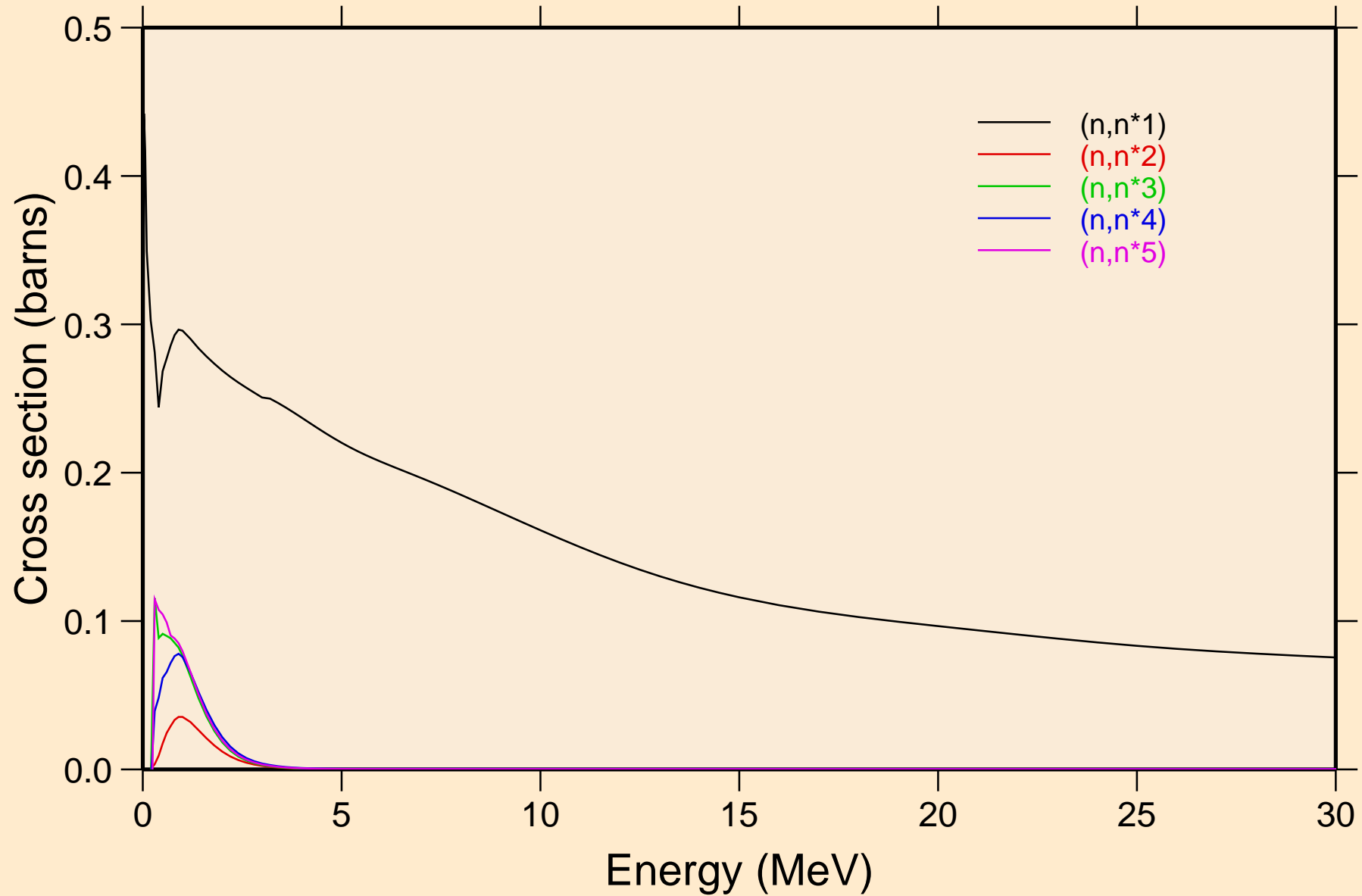


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

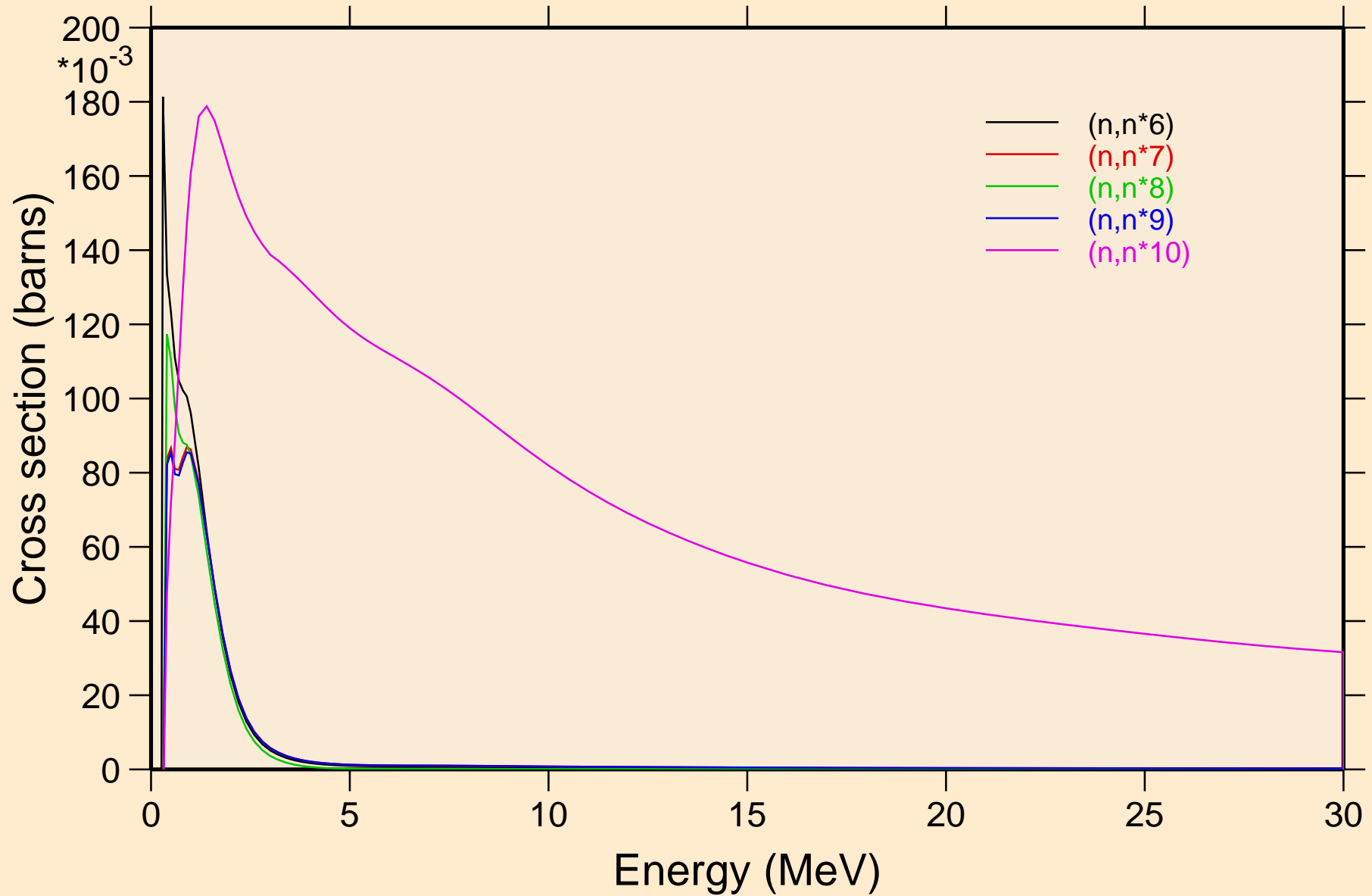
## Non-threshold reactions



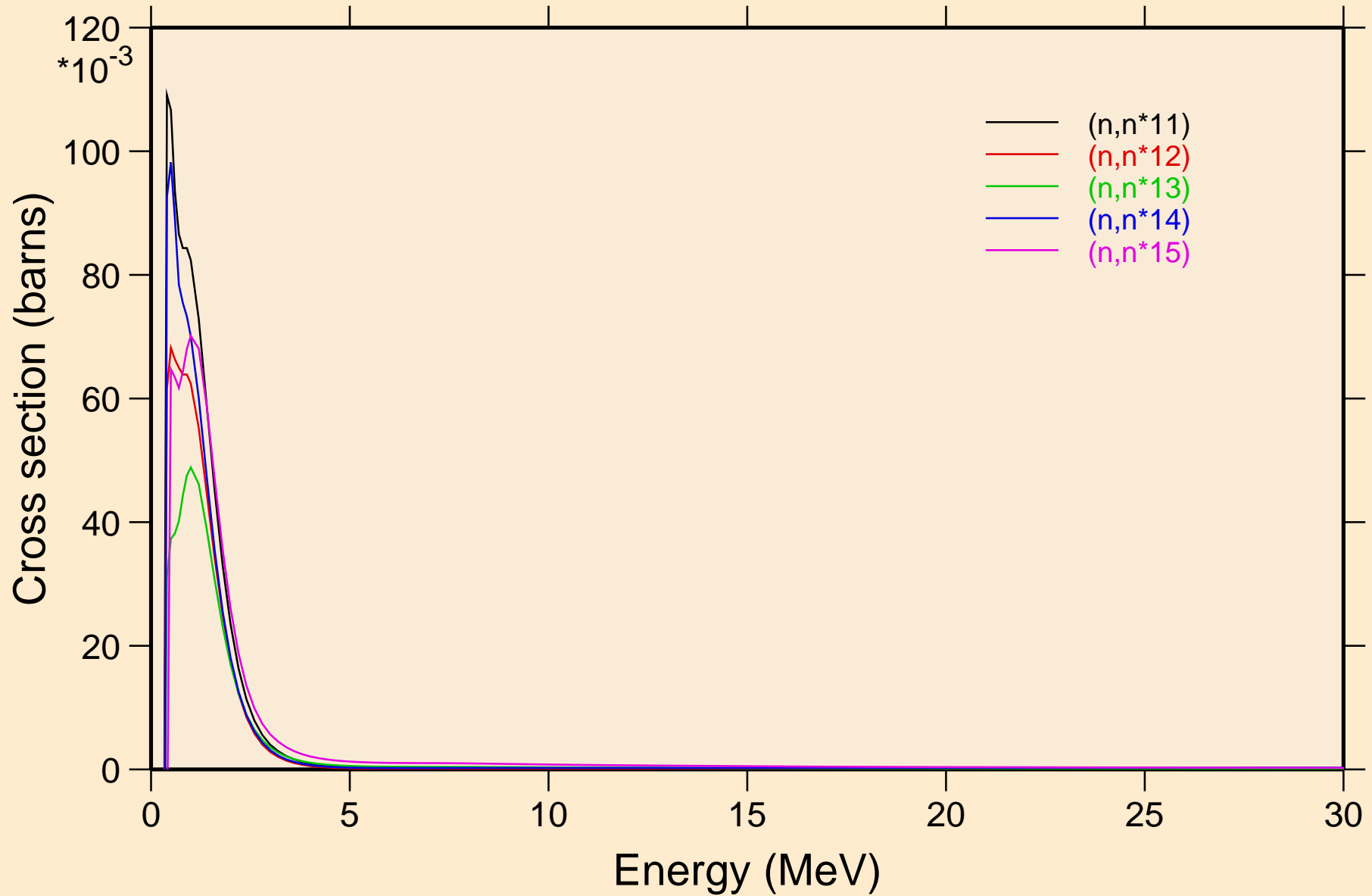
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

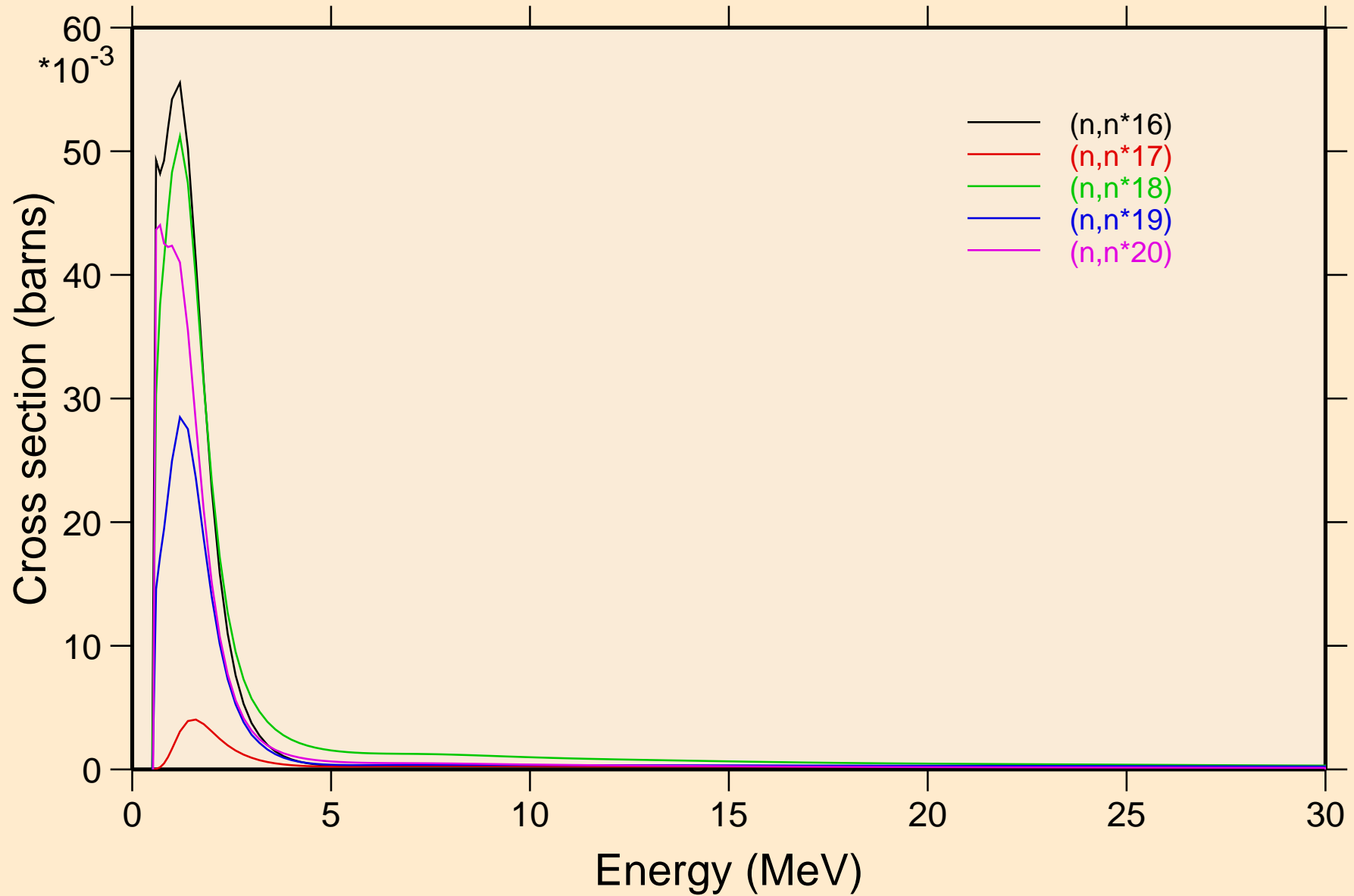


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



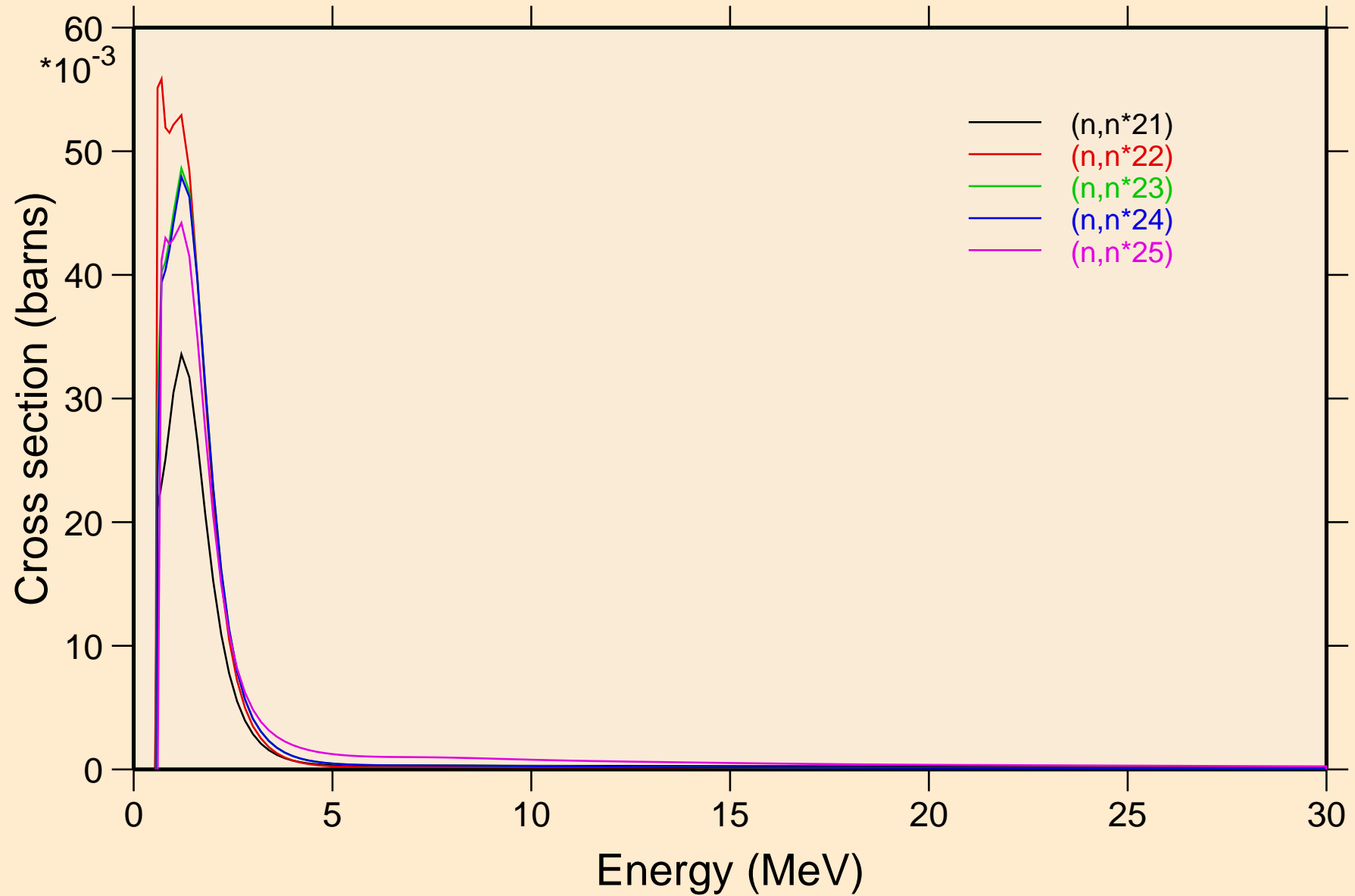
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

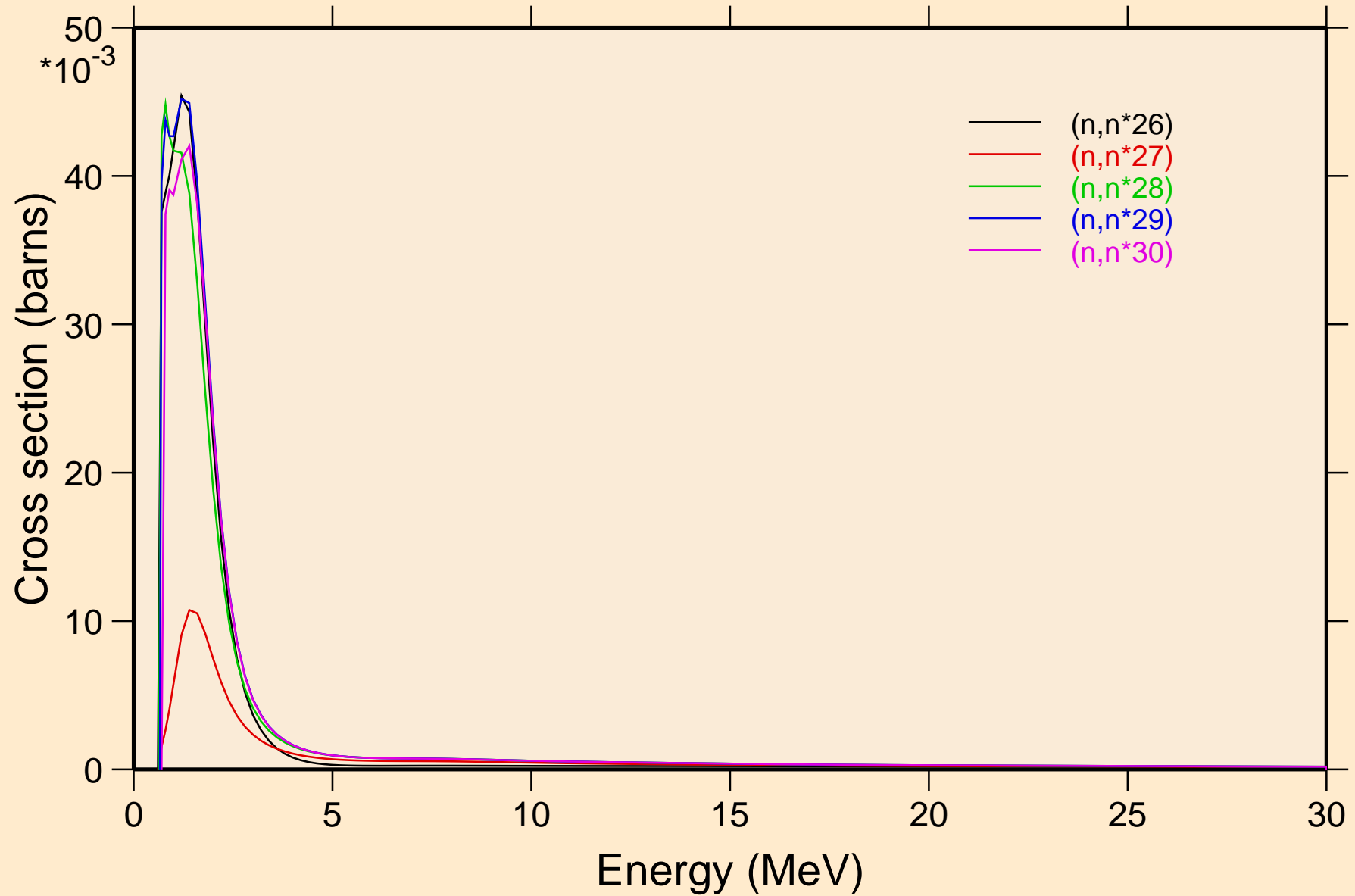




EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

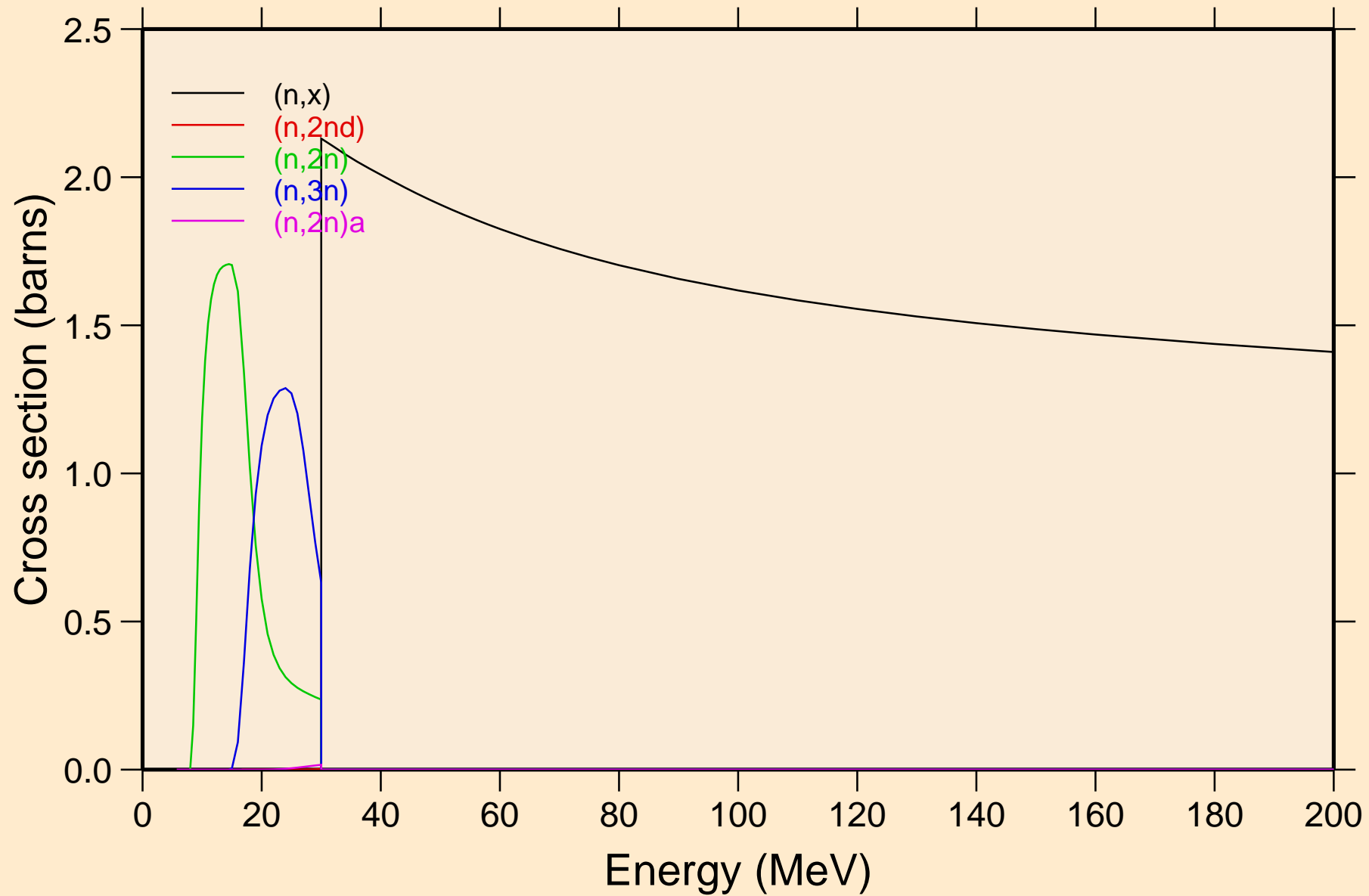


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



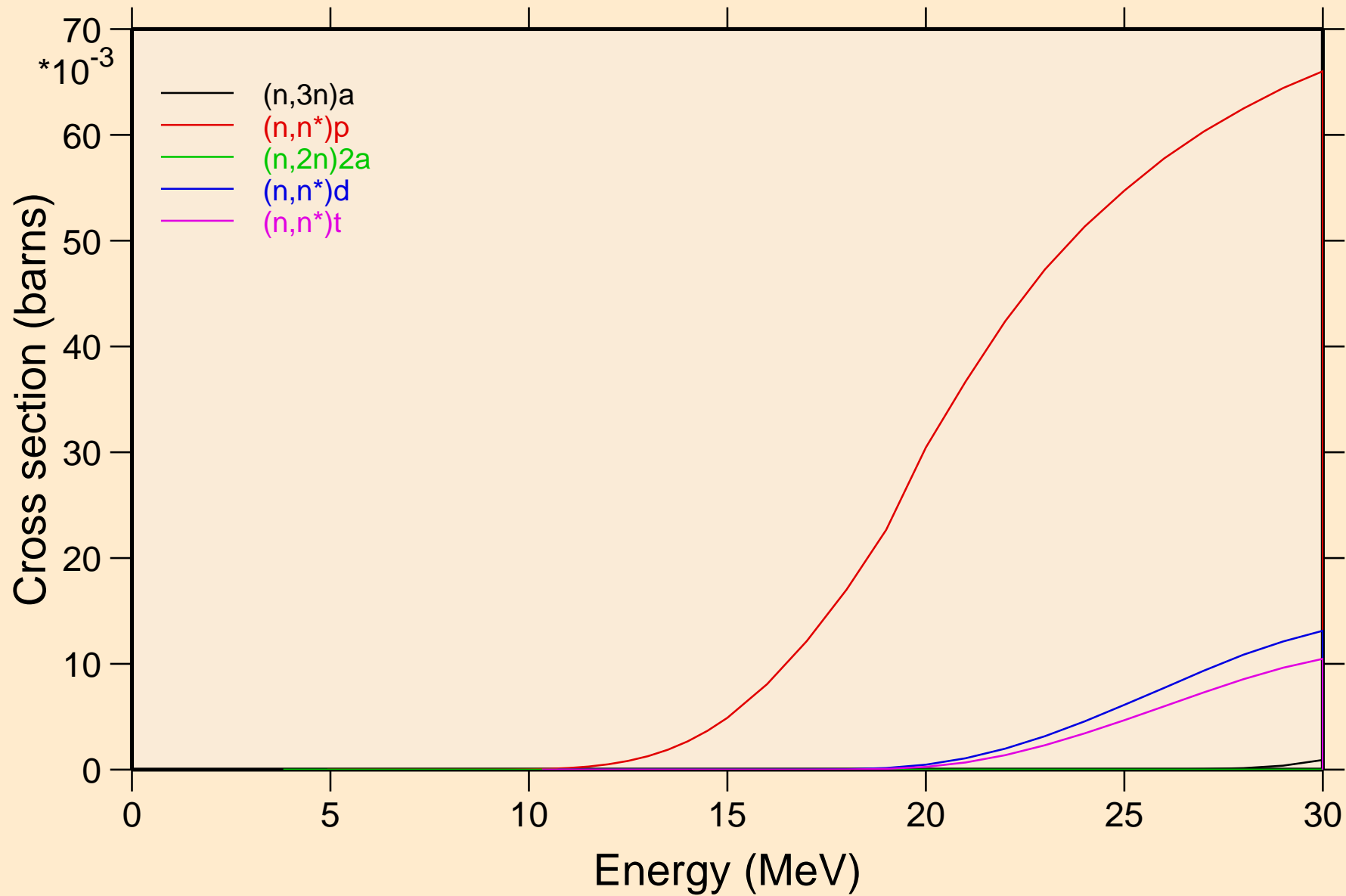
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



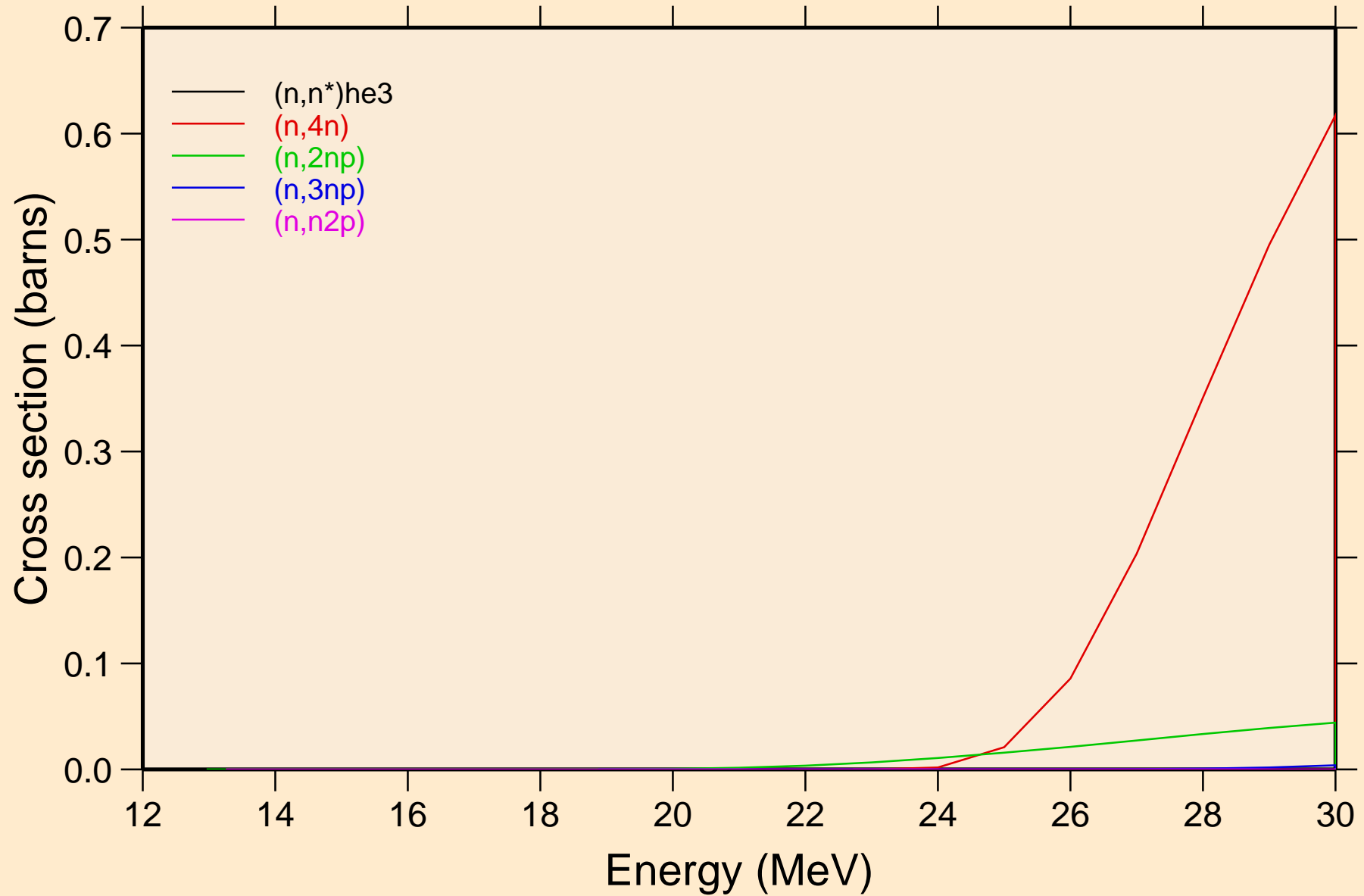
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



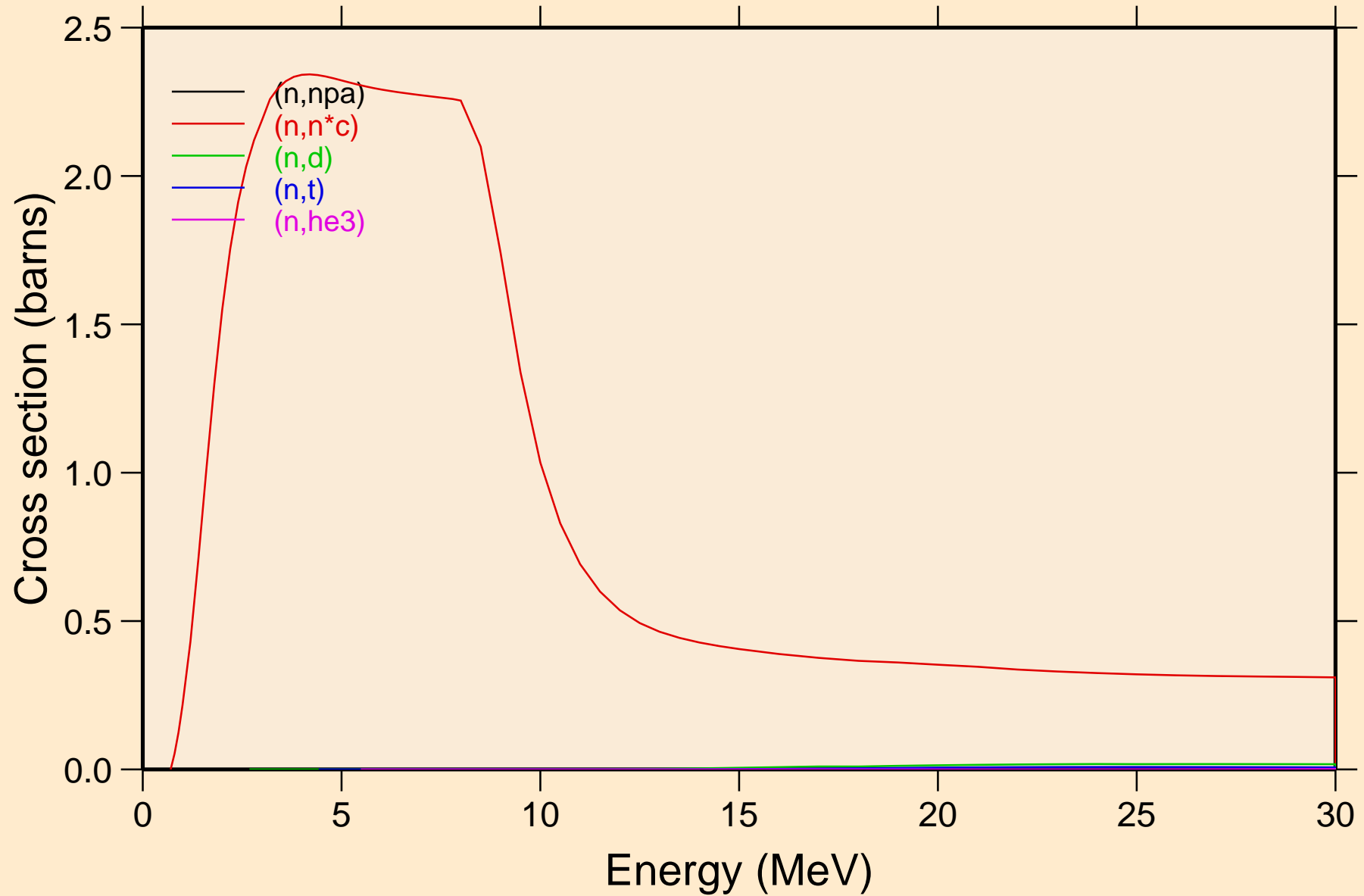
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

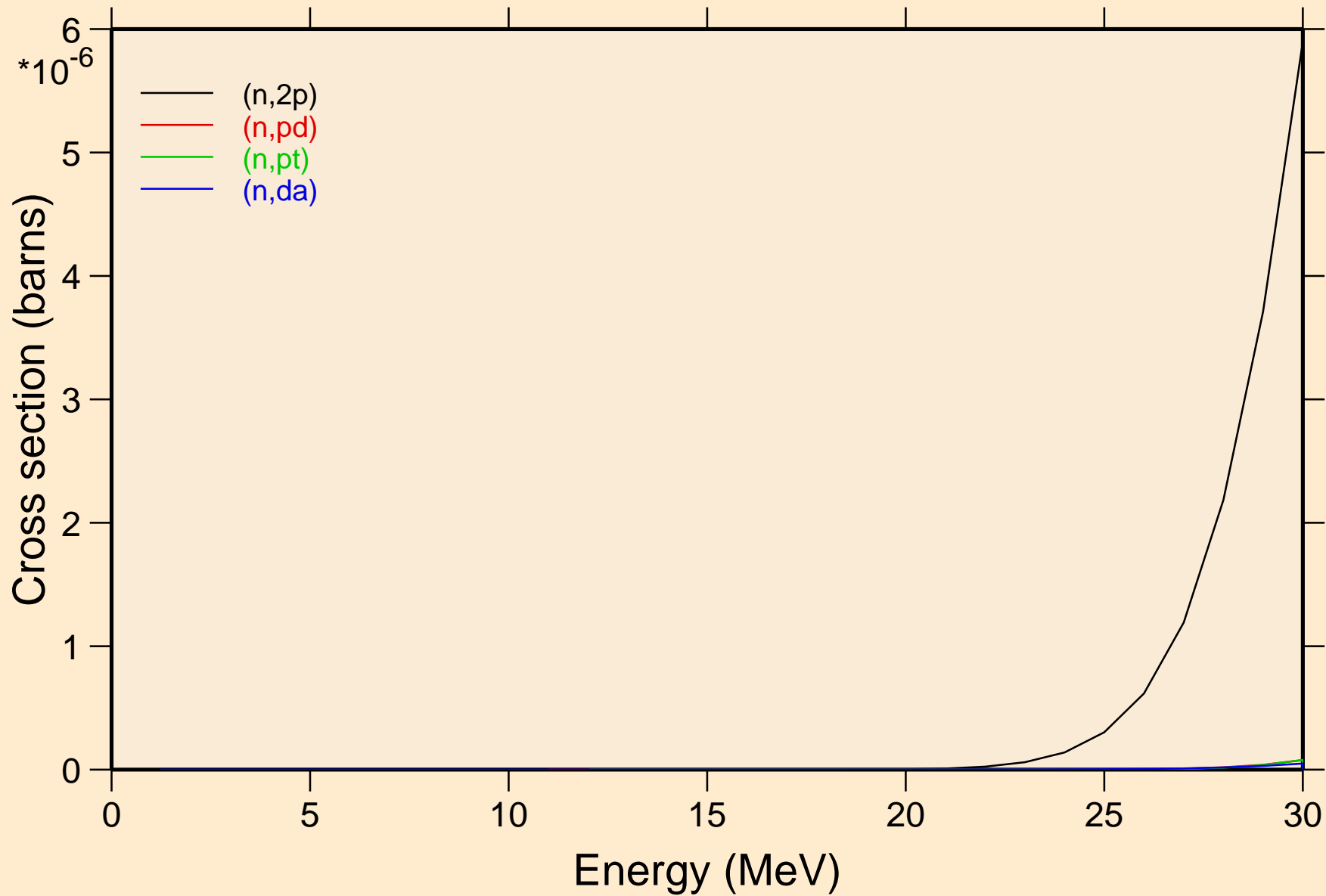


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

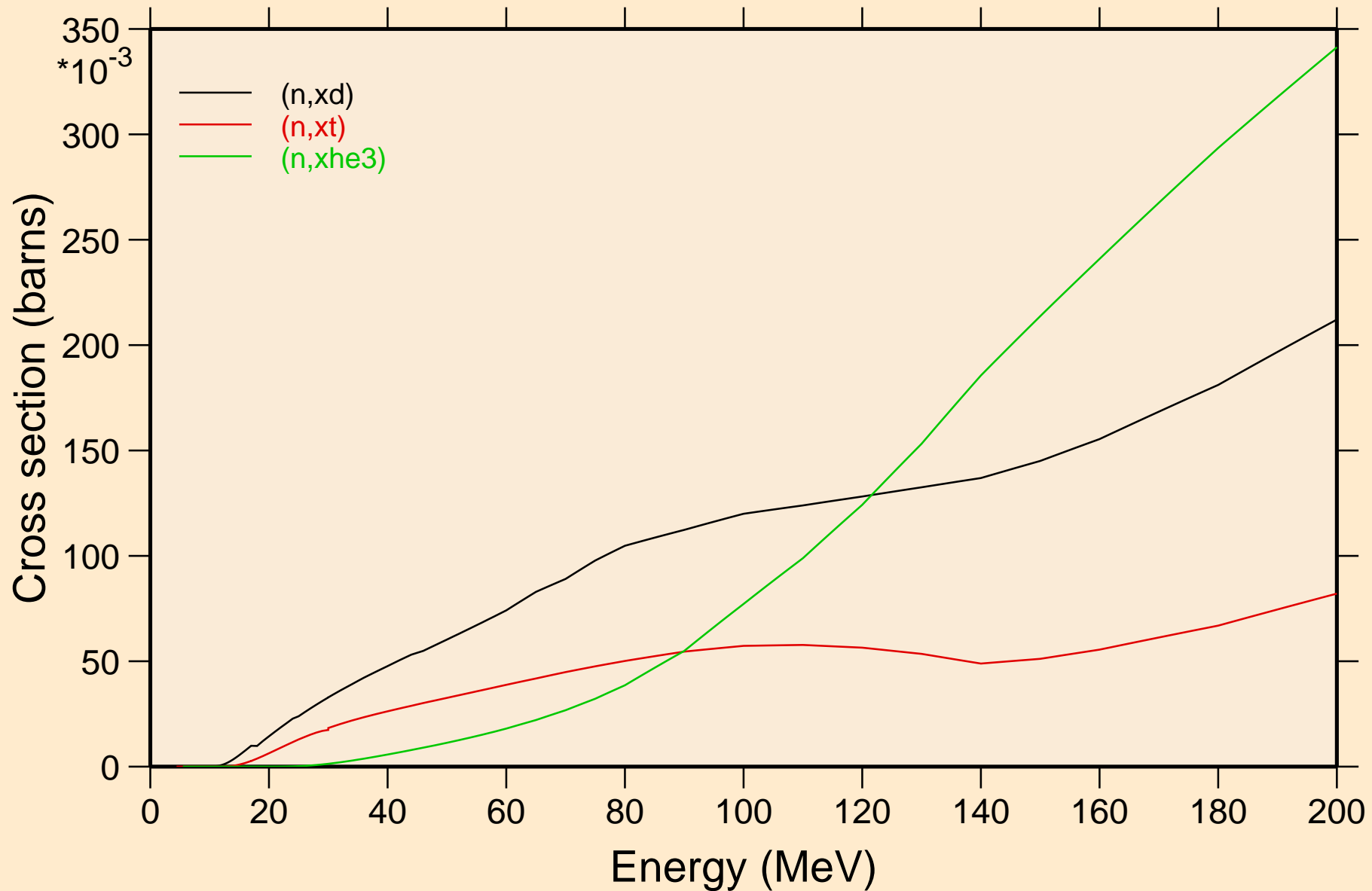


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



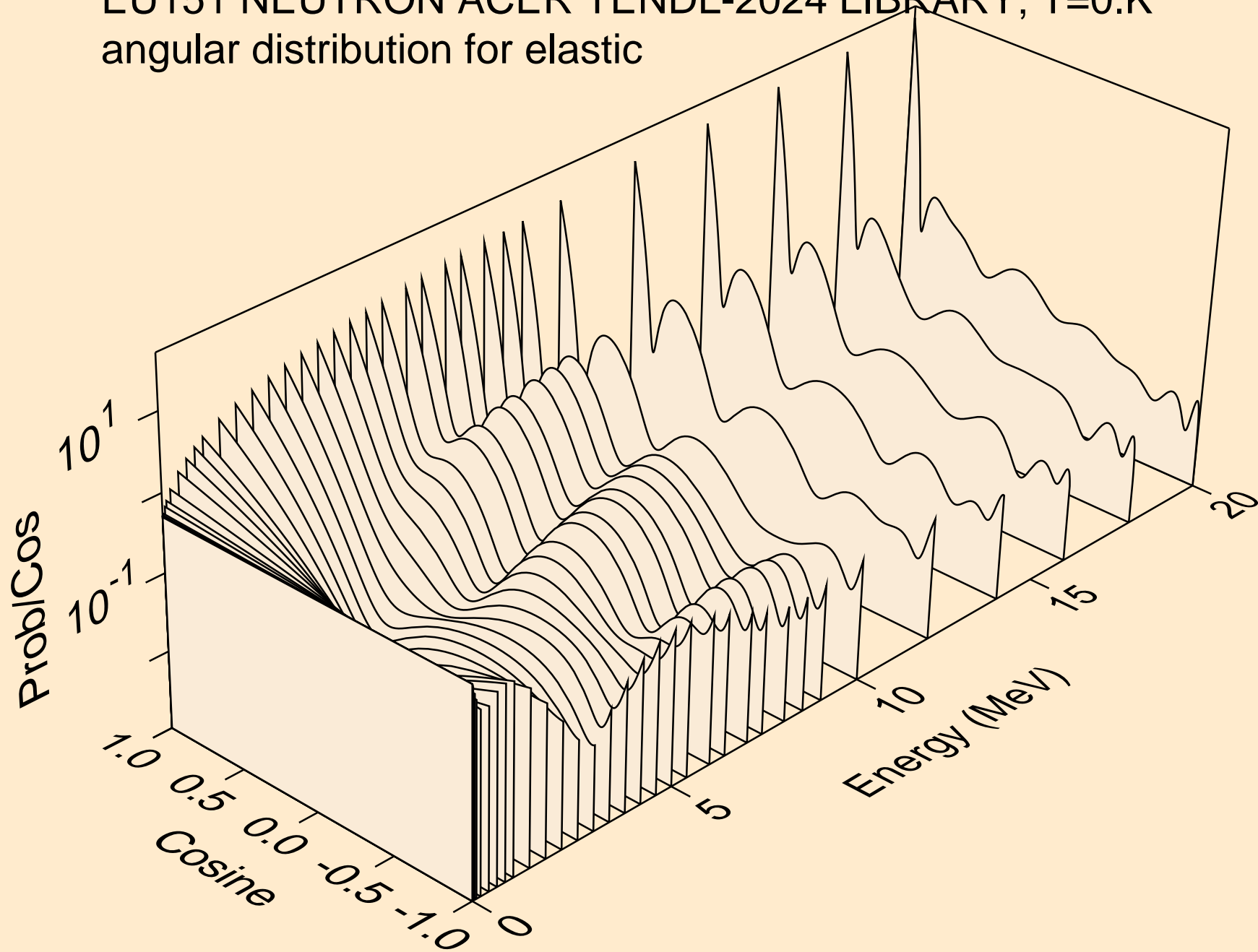
# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

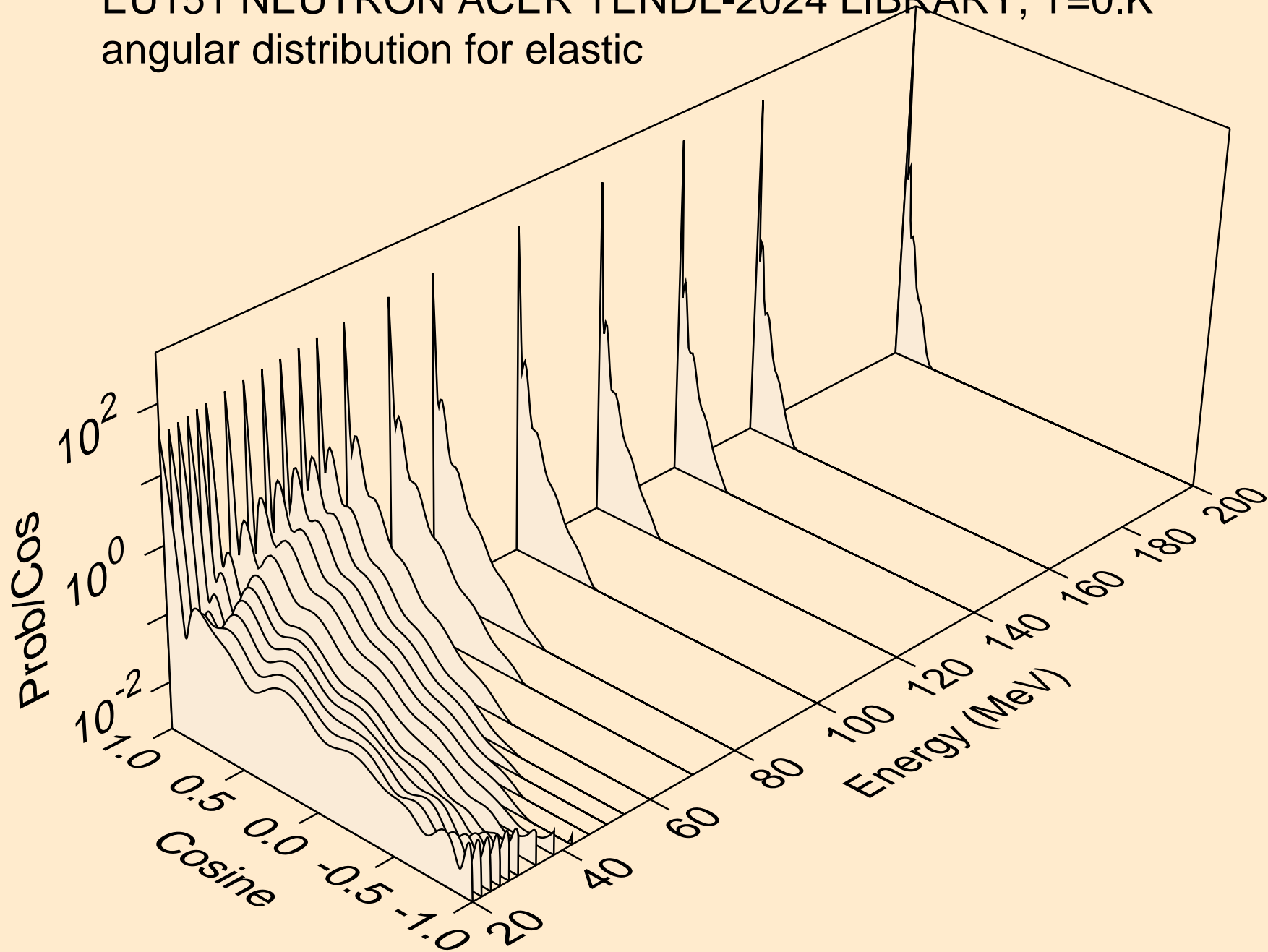




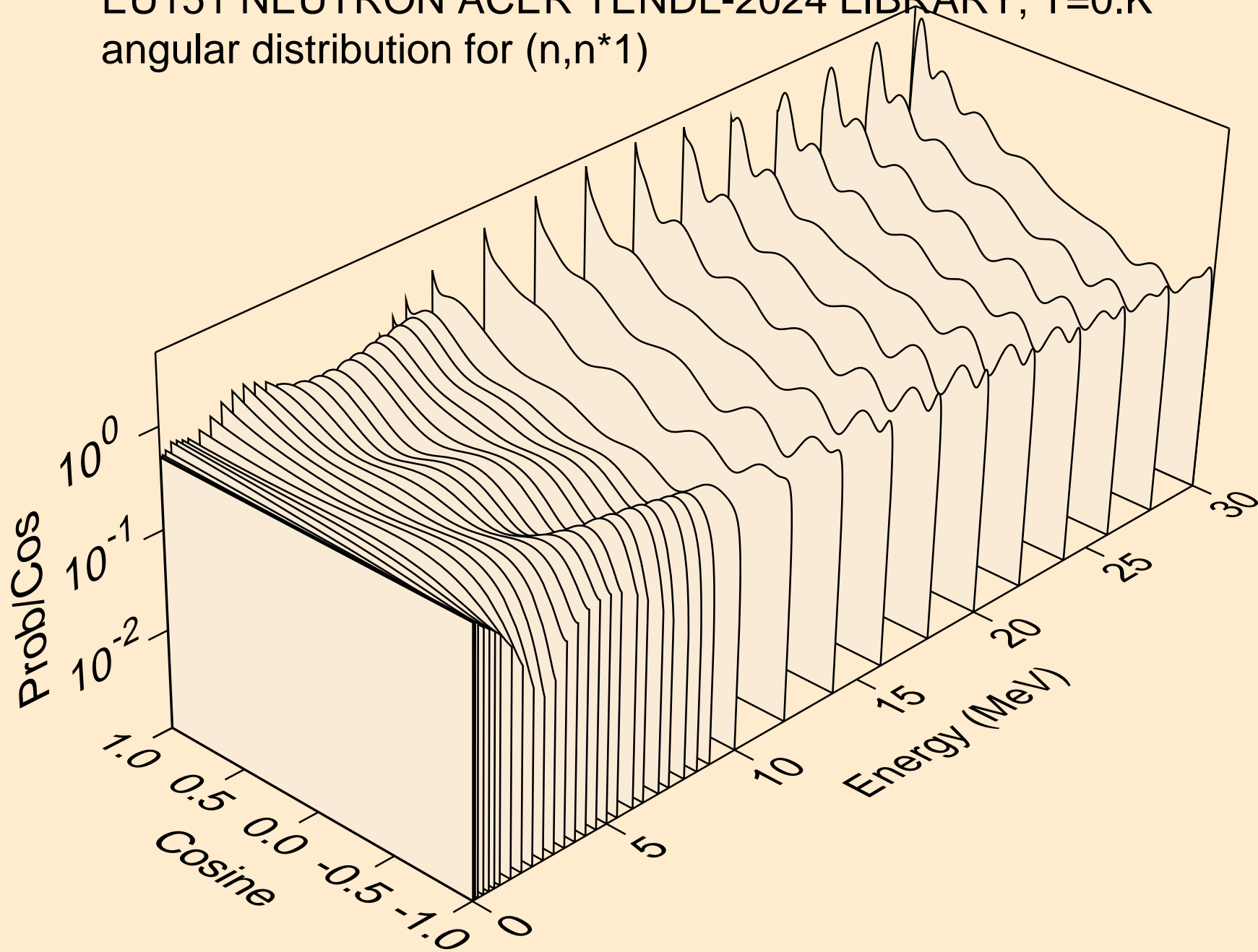
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



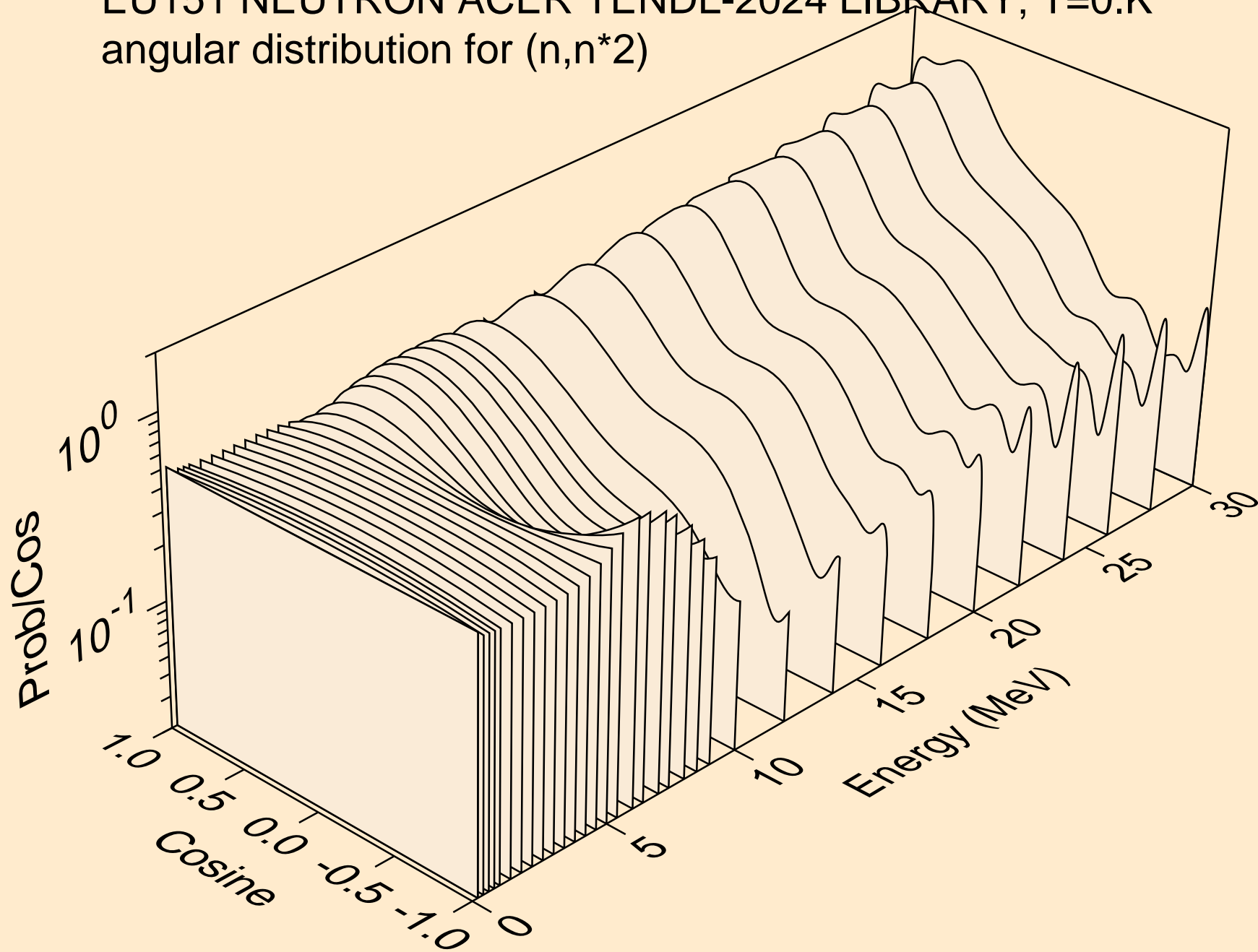
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



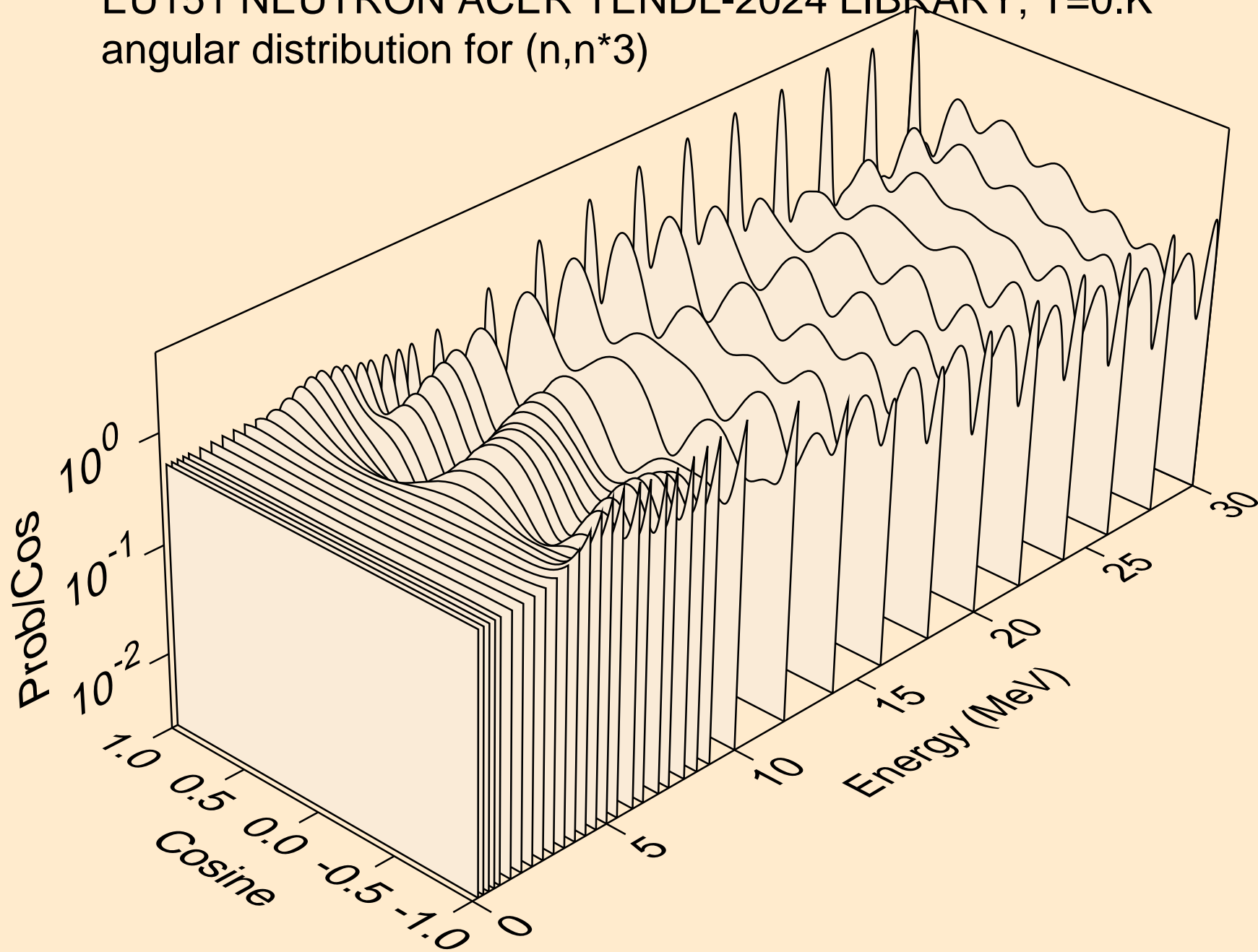
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



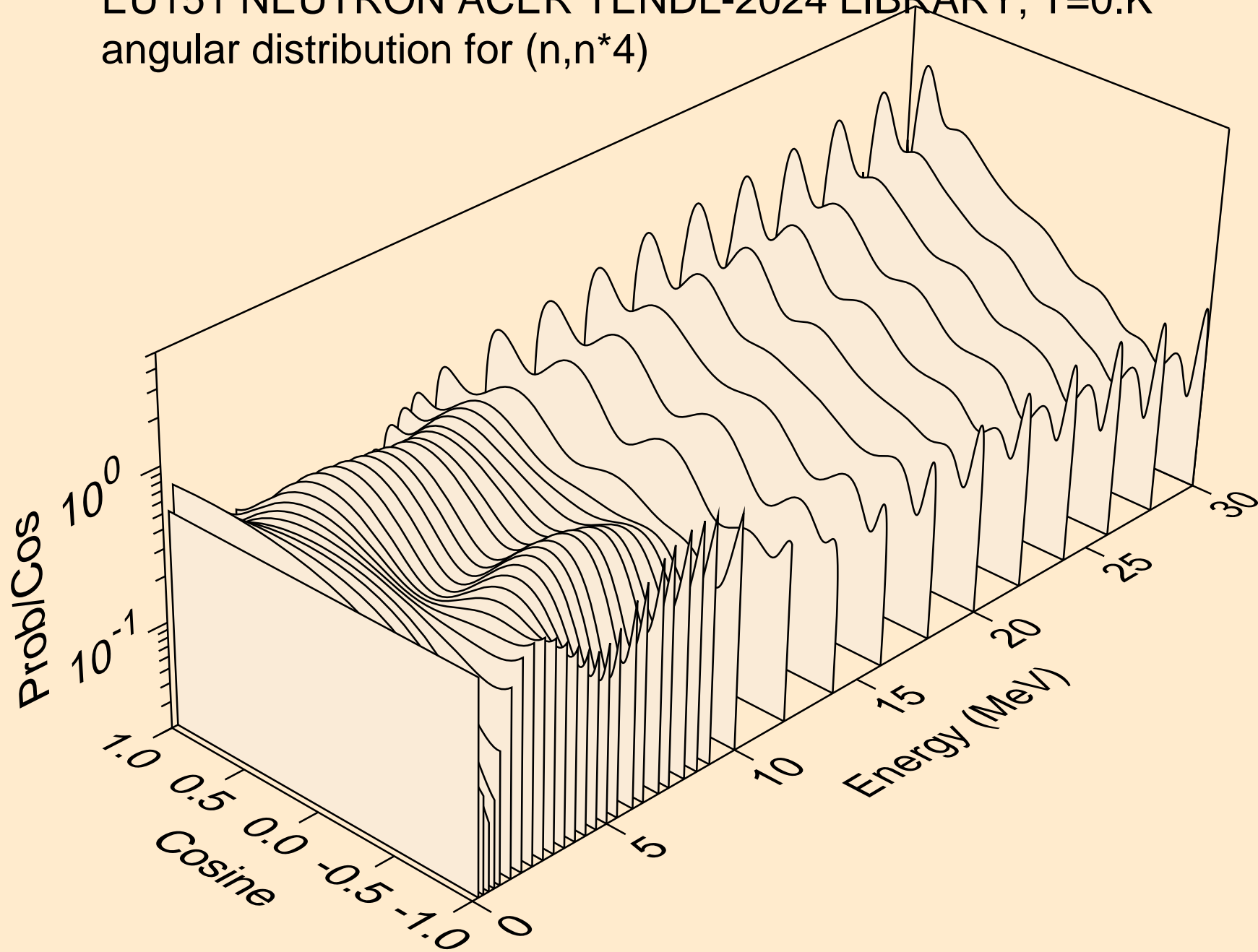
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



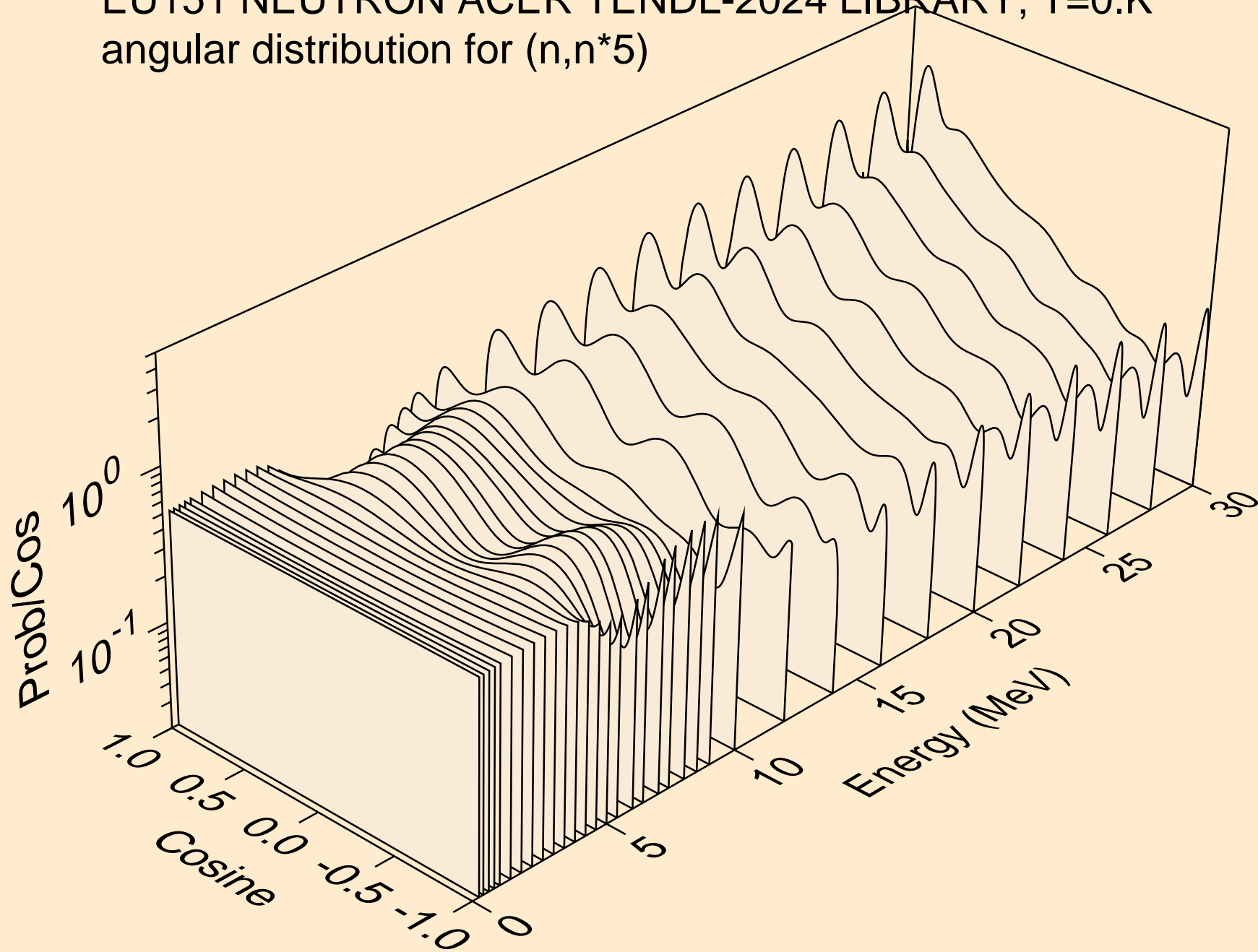
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



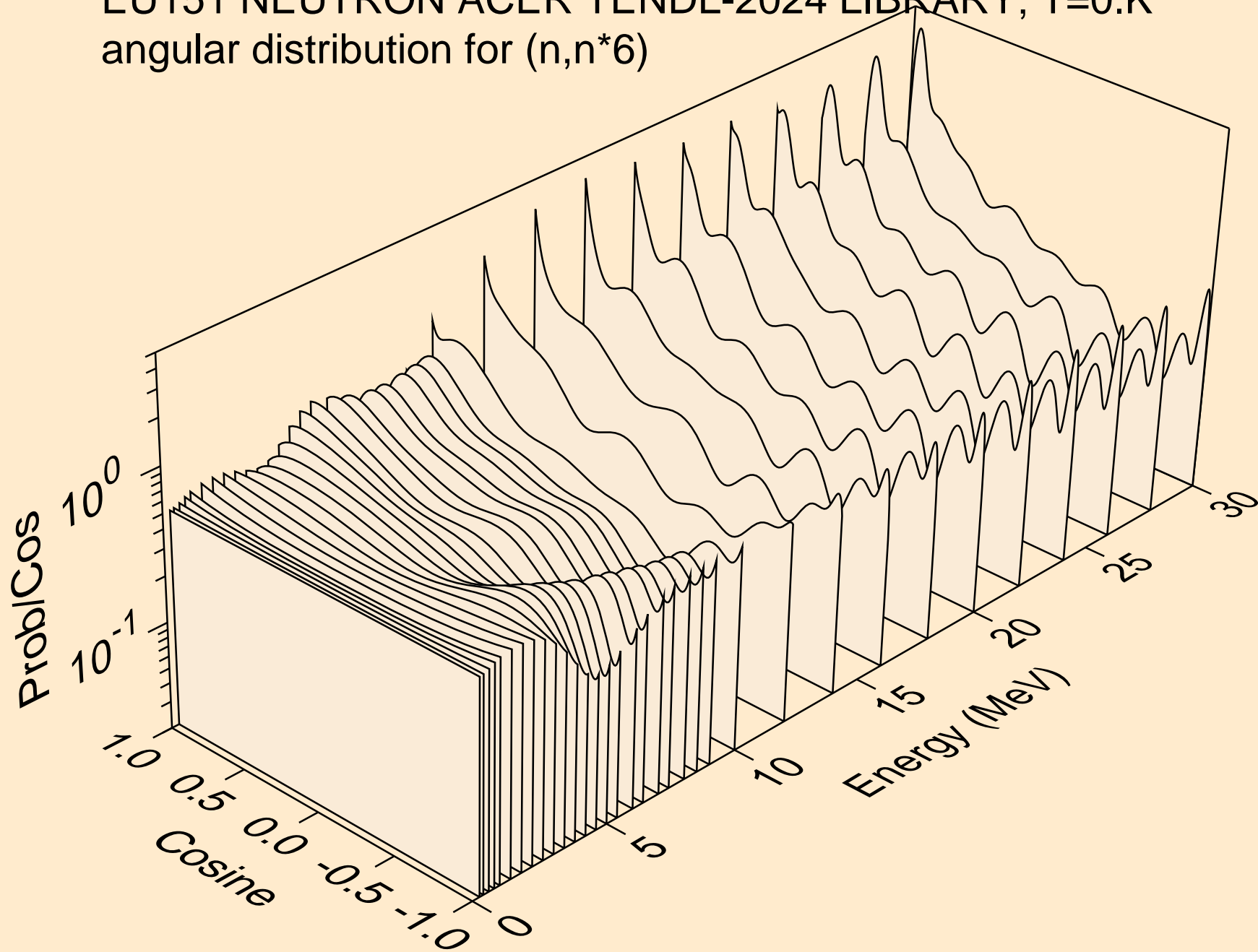
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

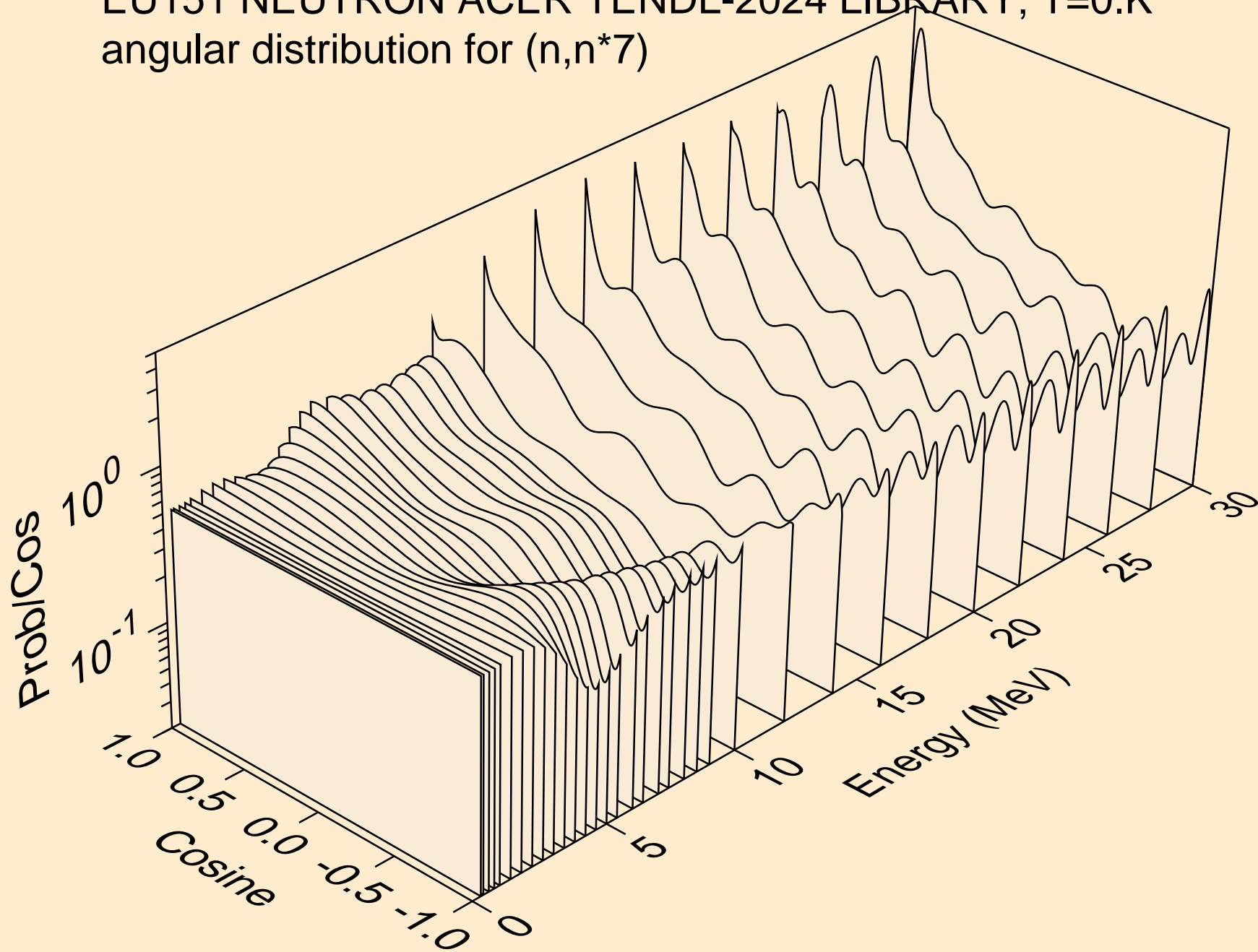


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

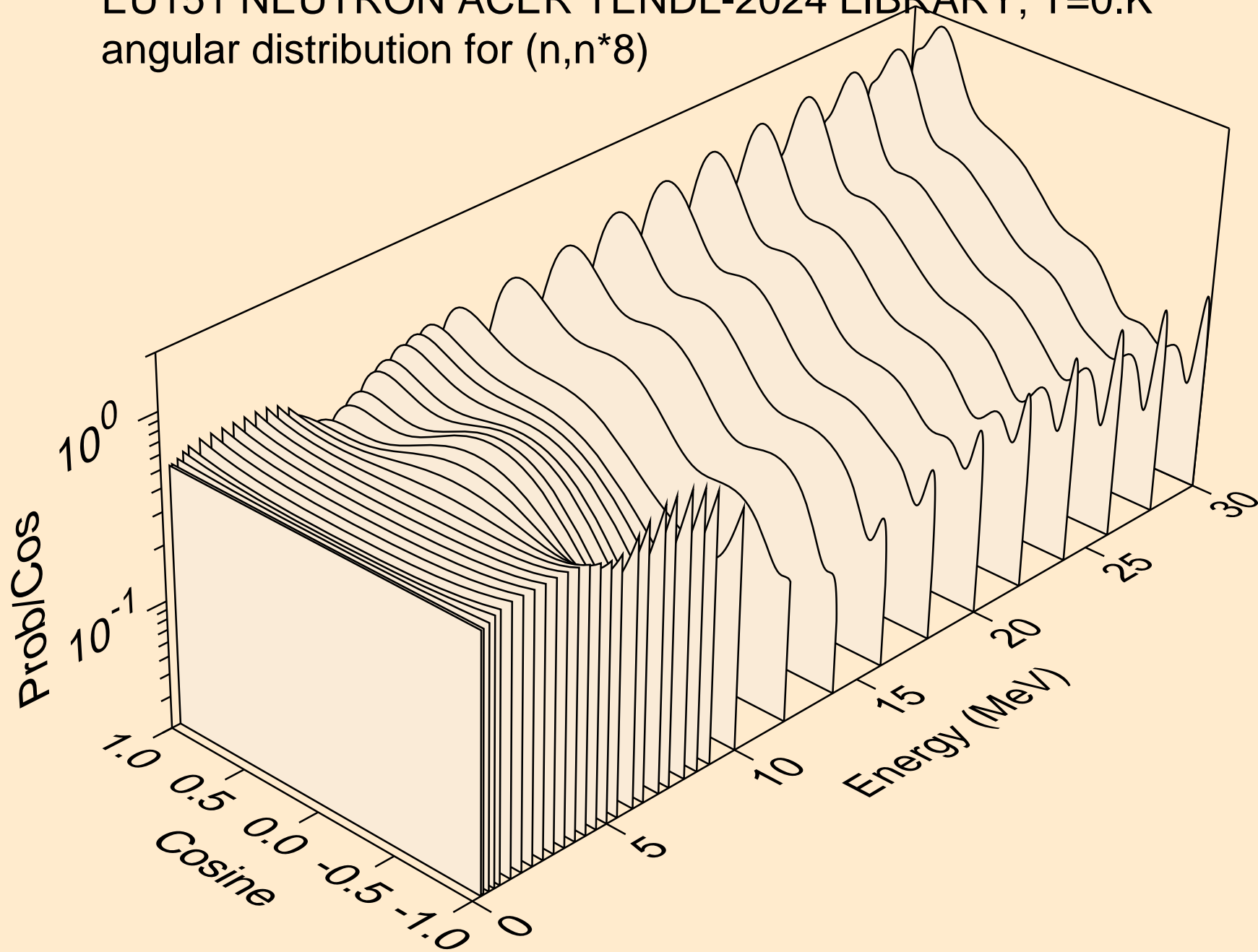




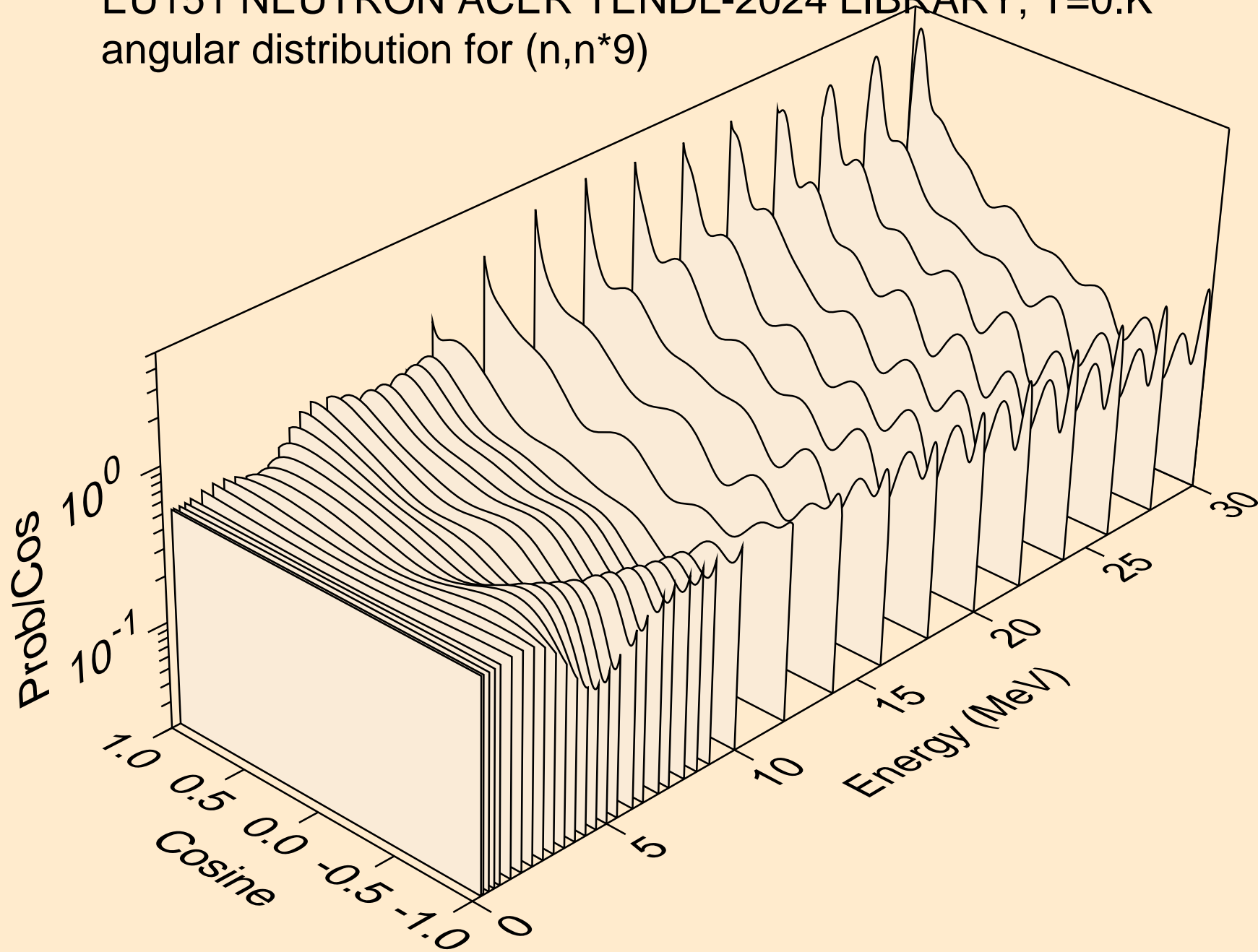
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



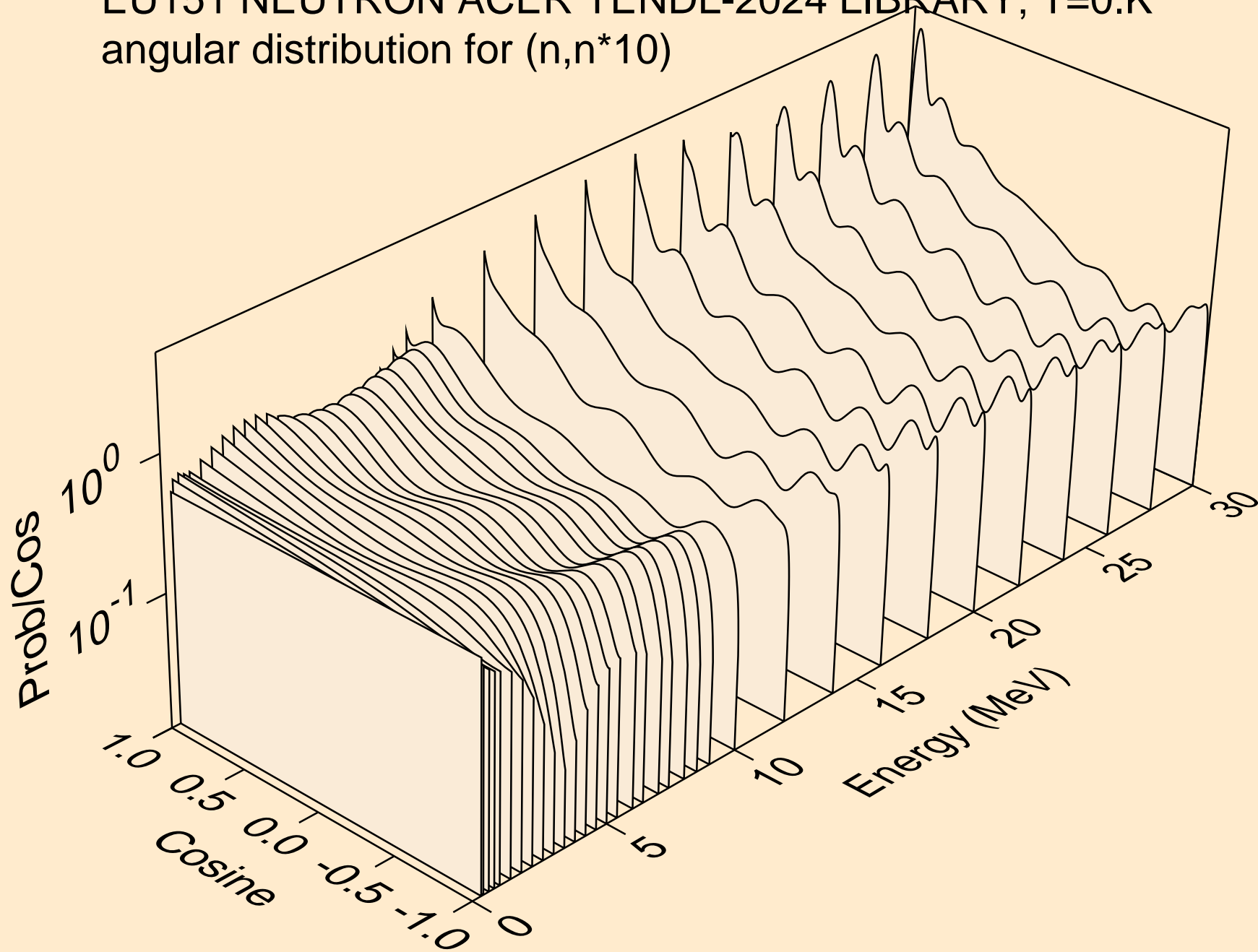
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



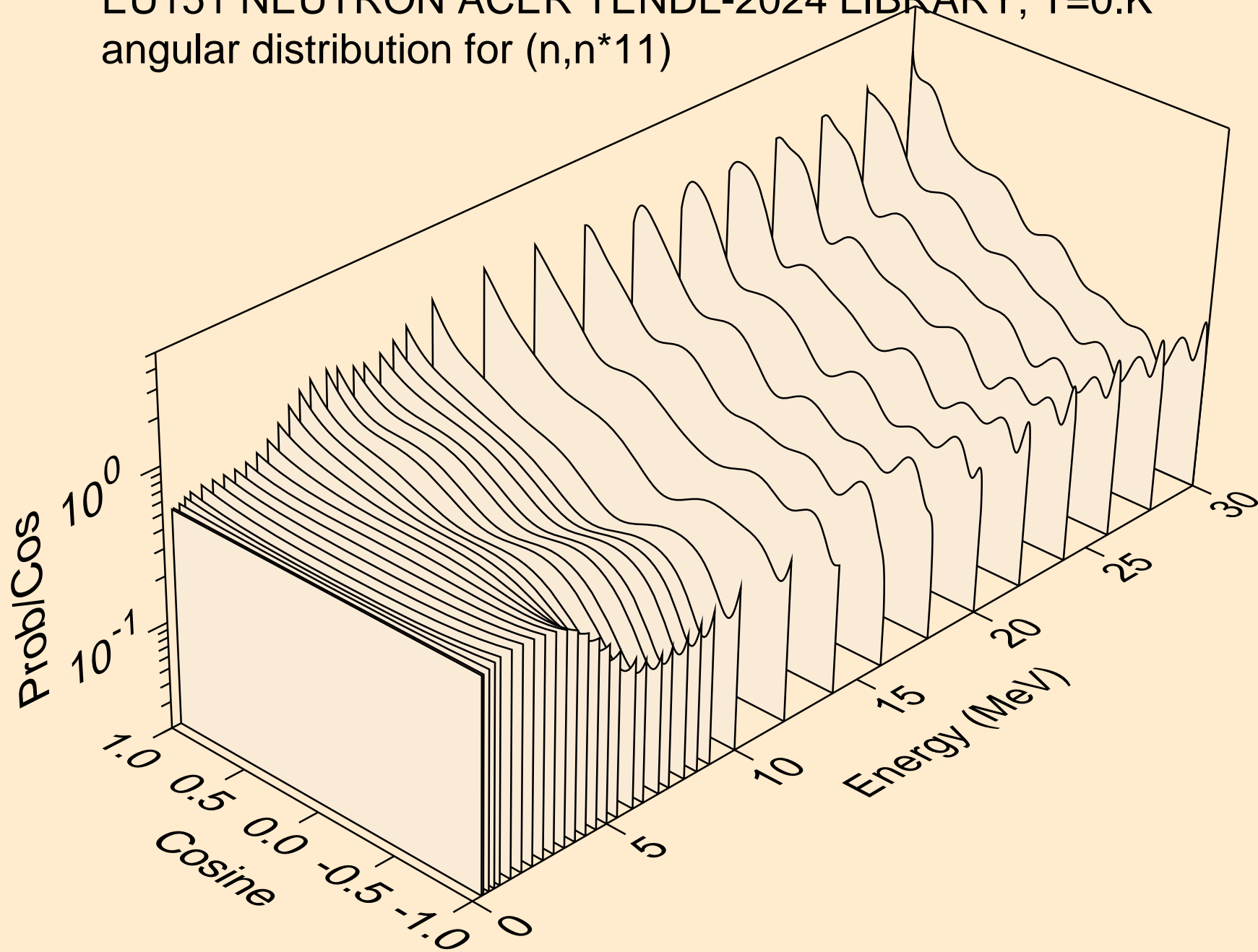
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



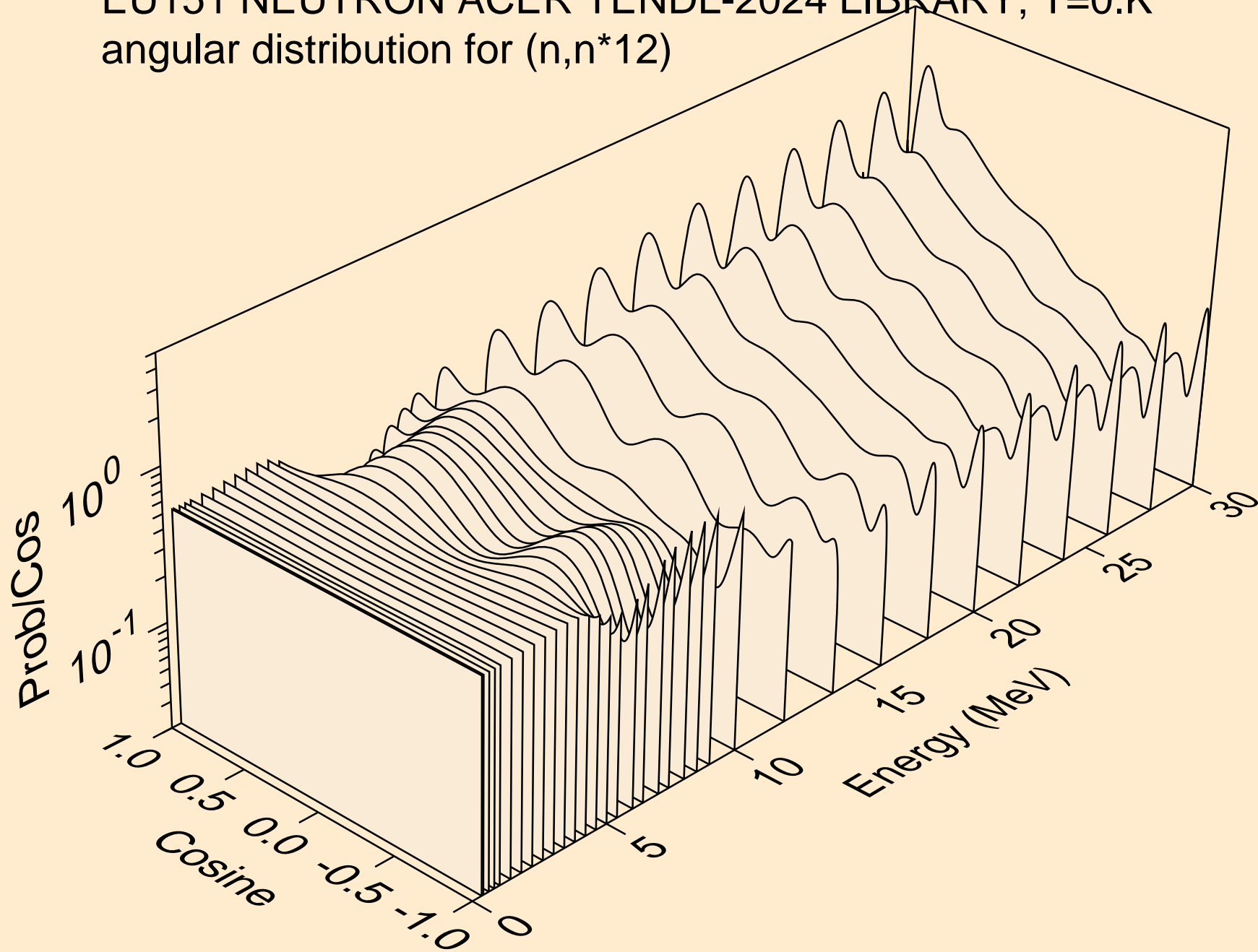
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



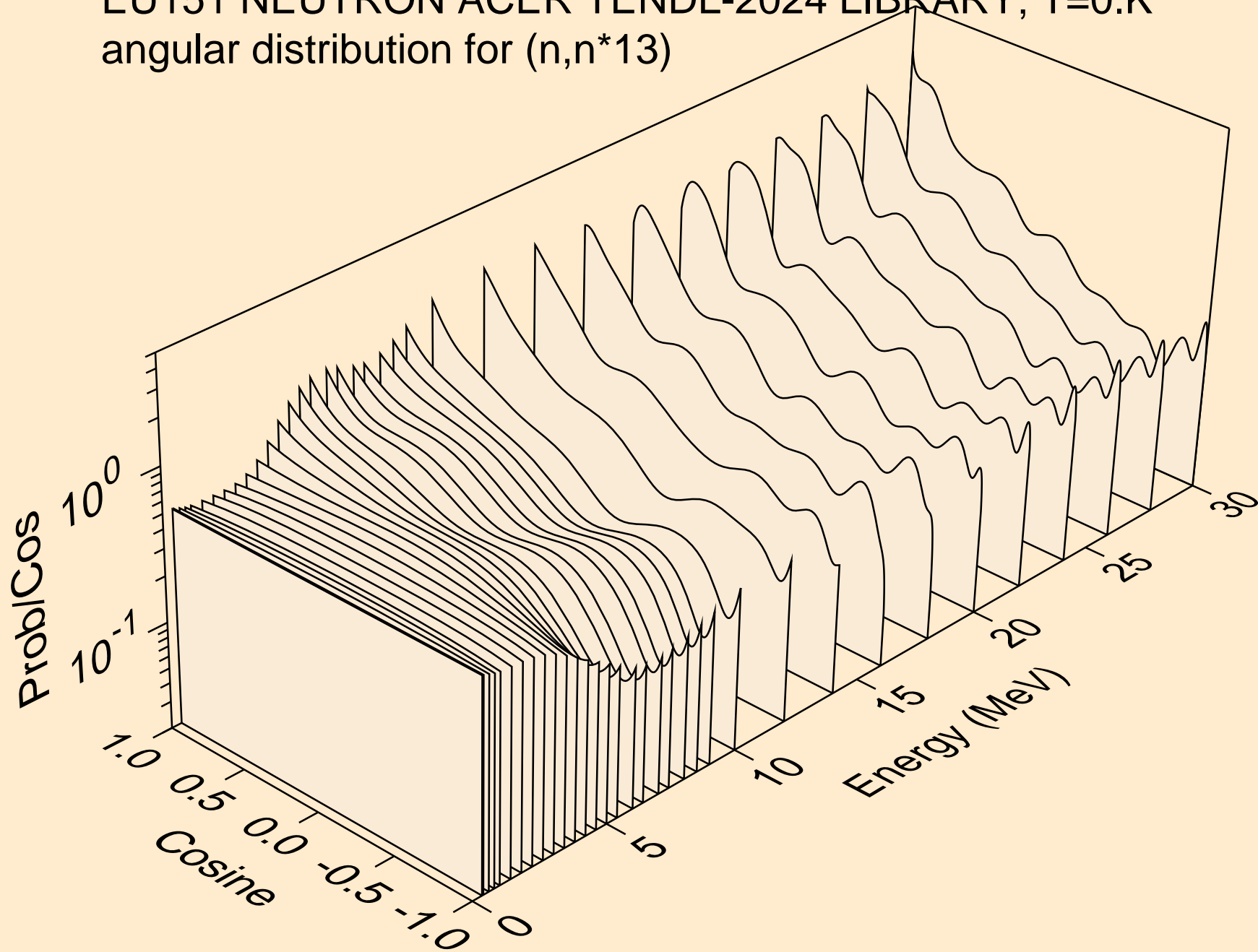
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



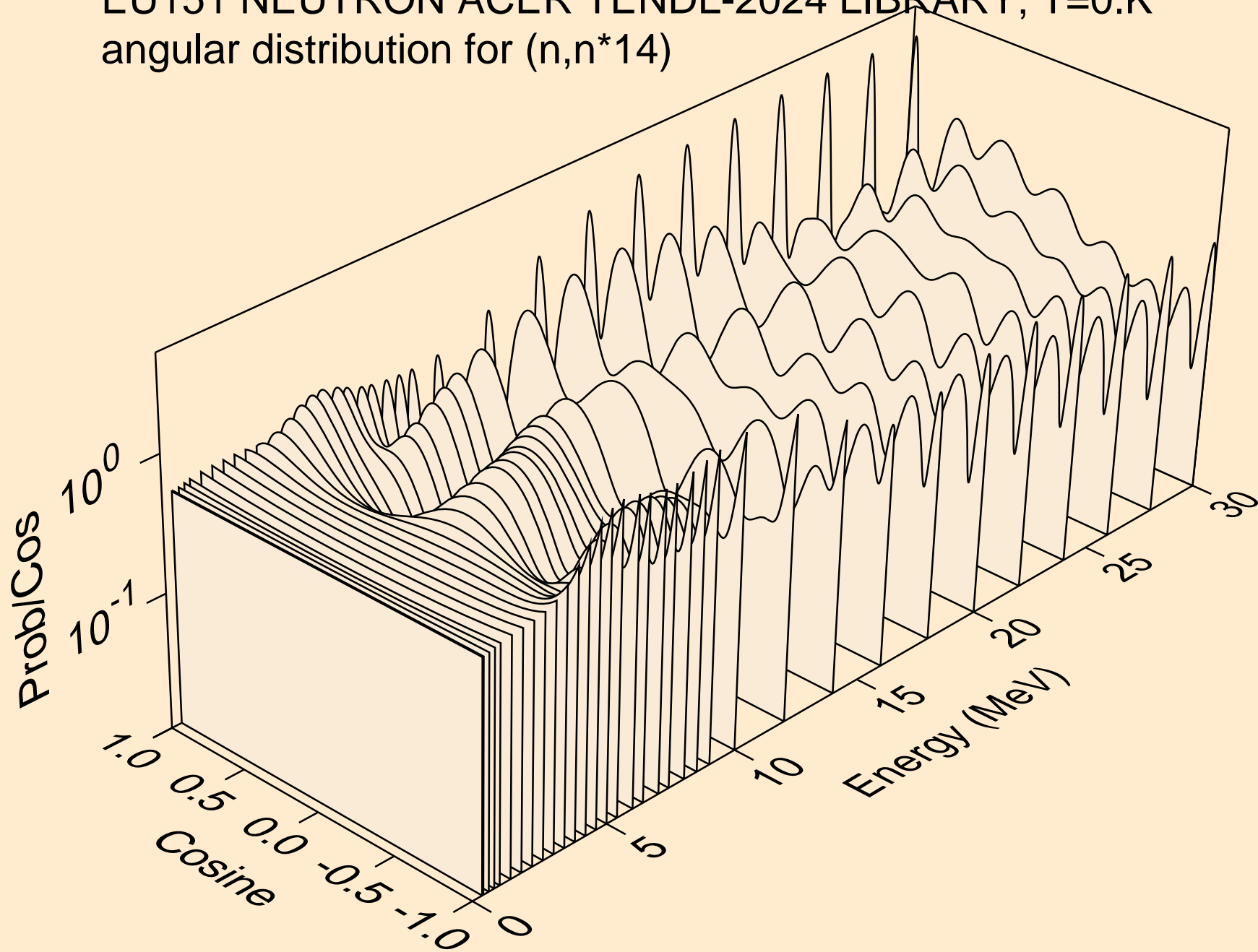
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

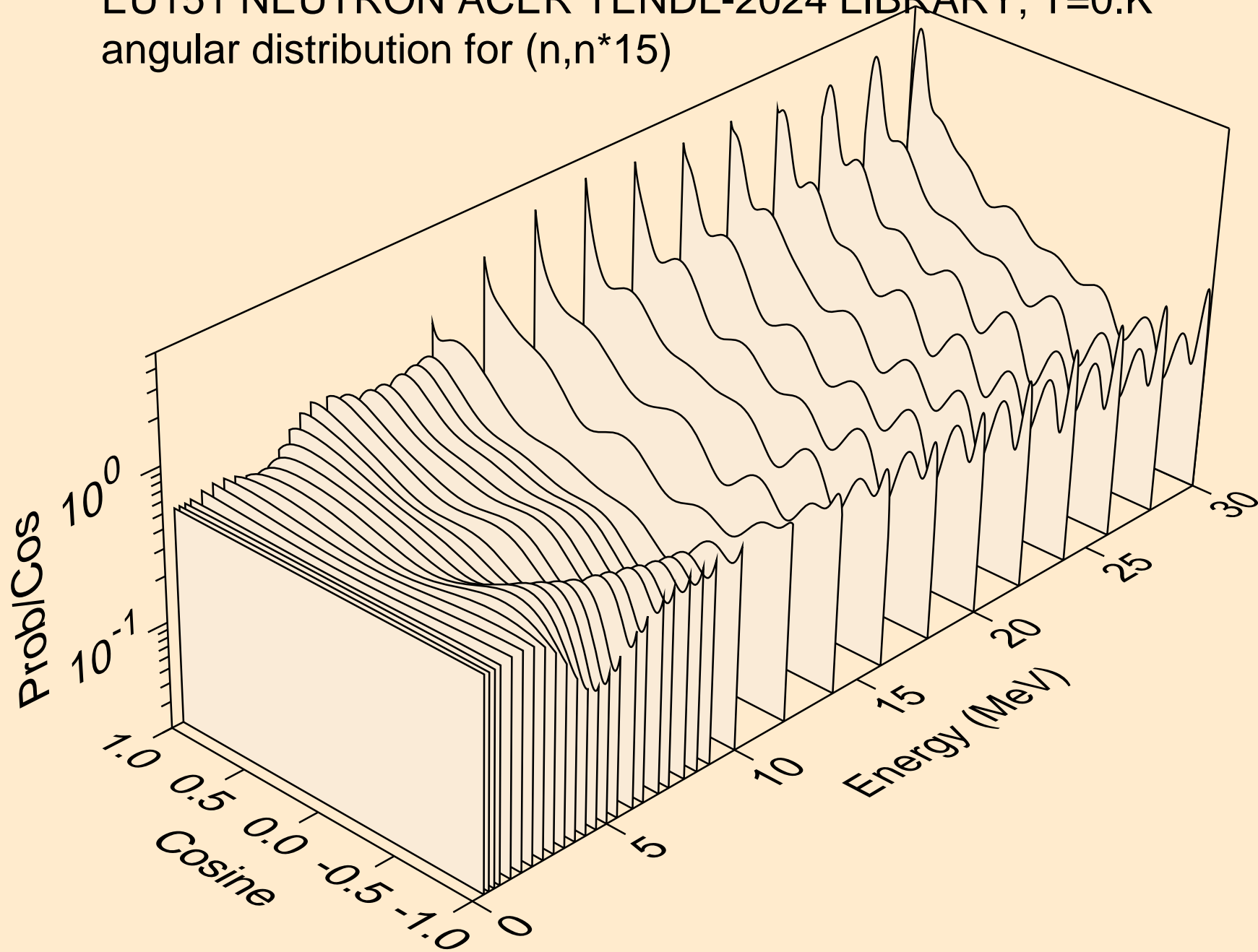


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

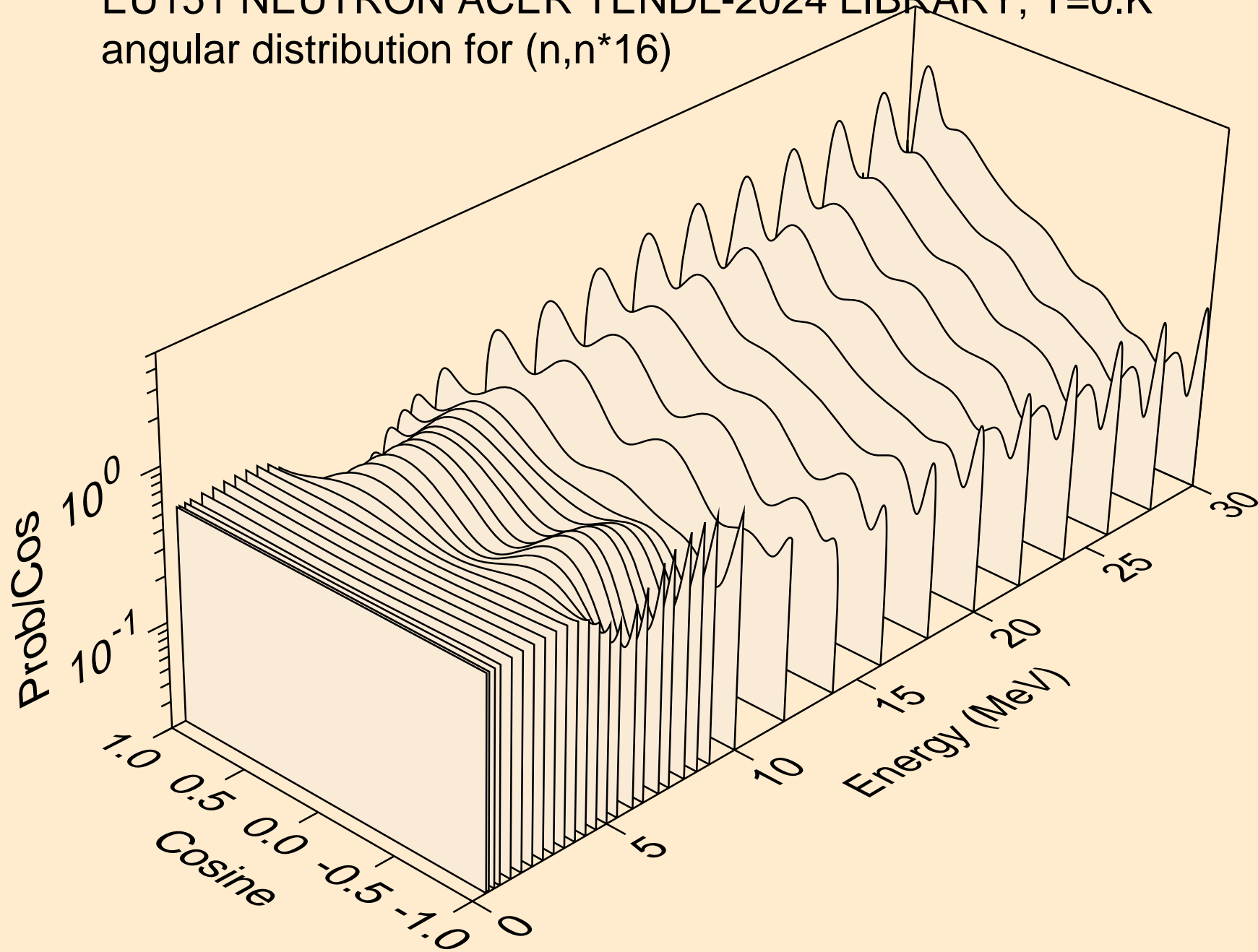




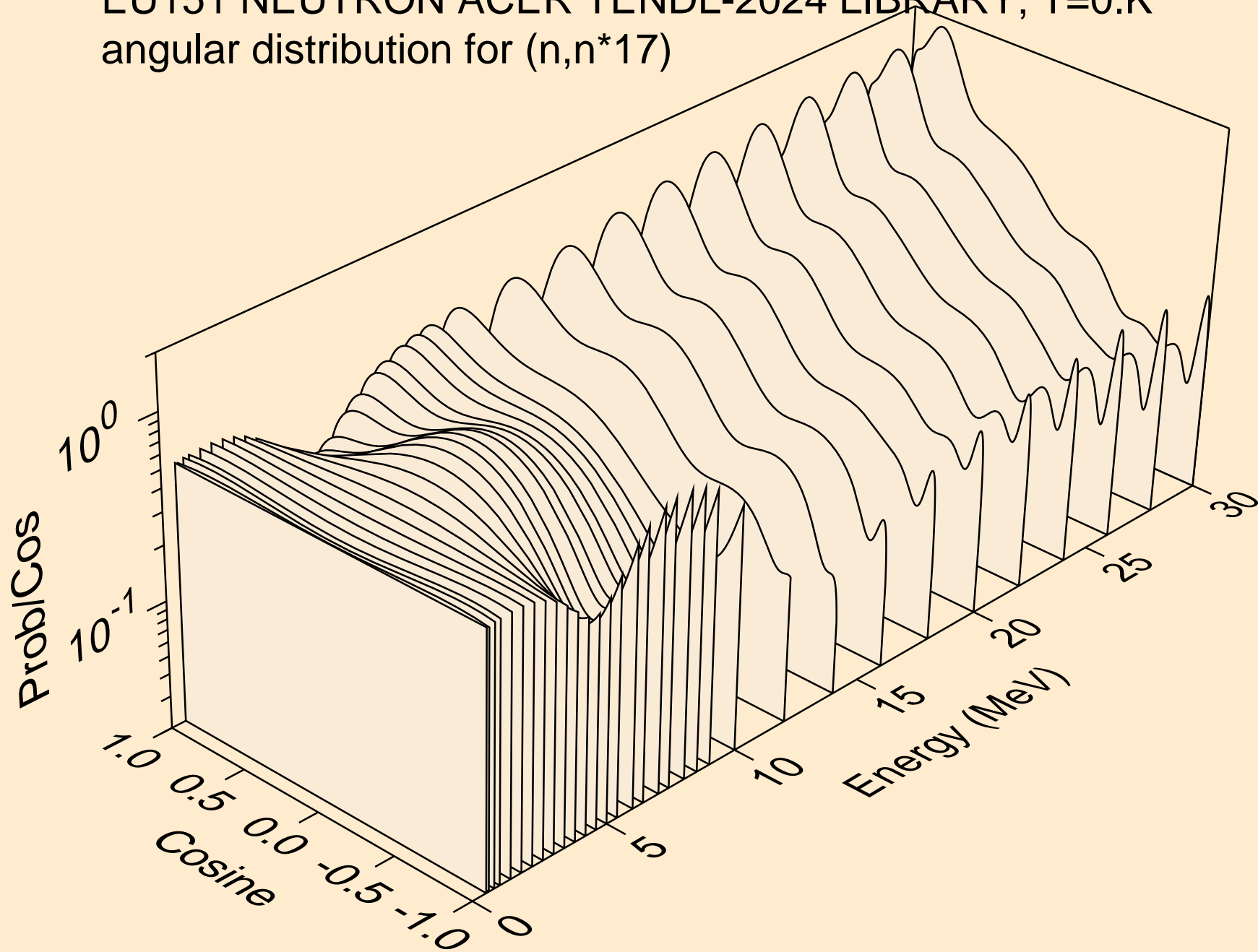
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



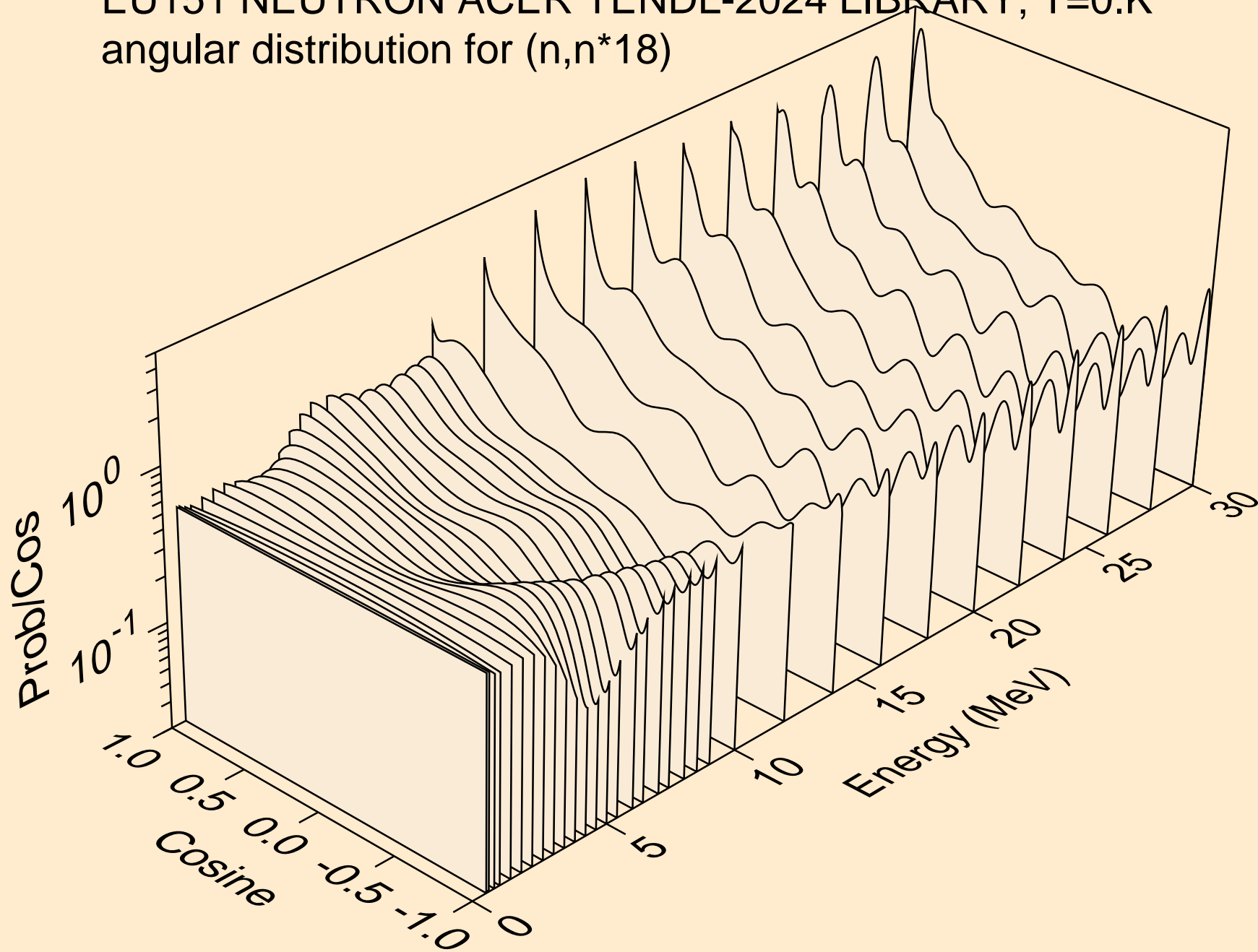
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



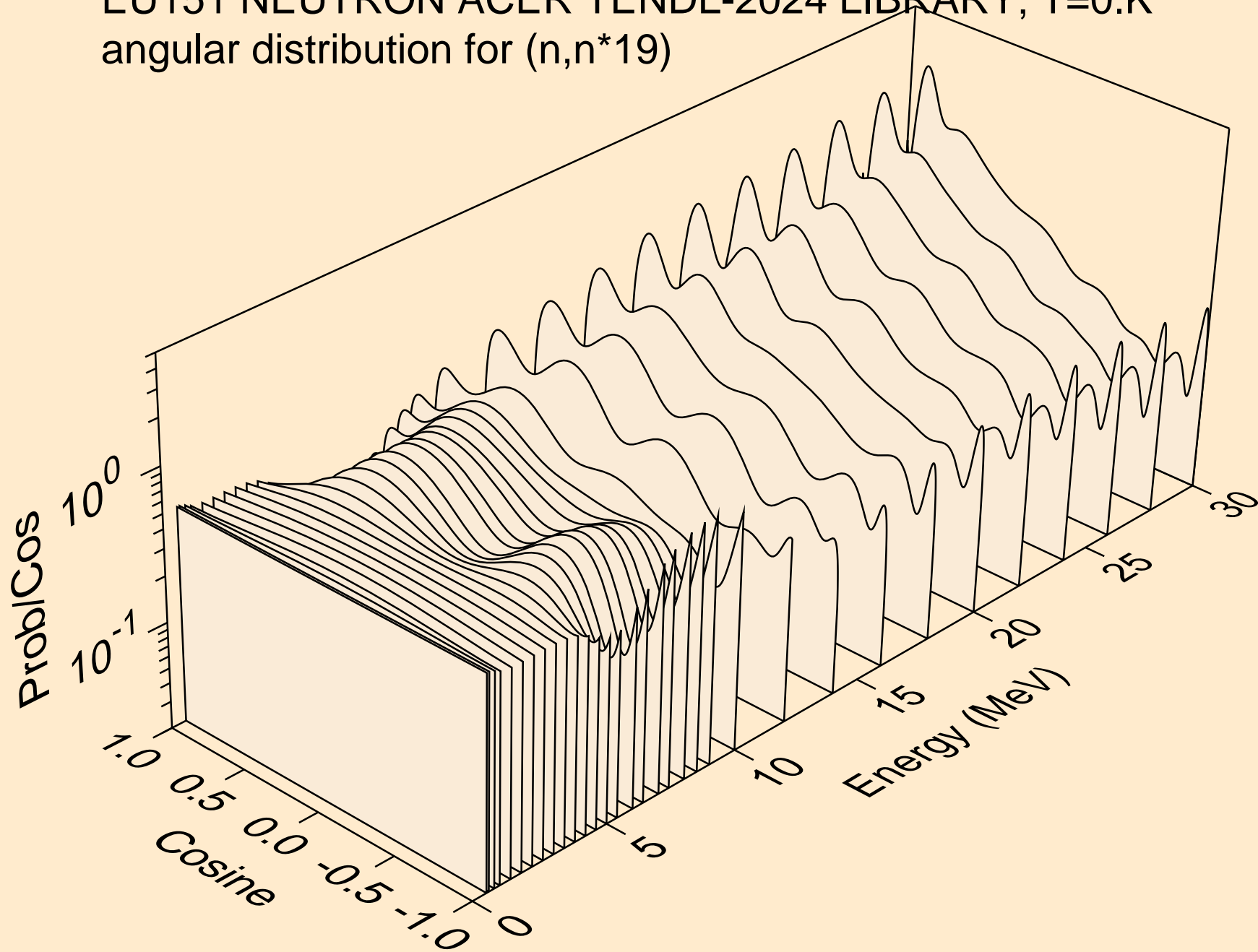
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



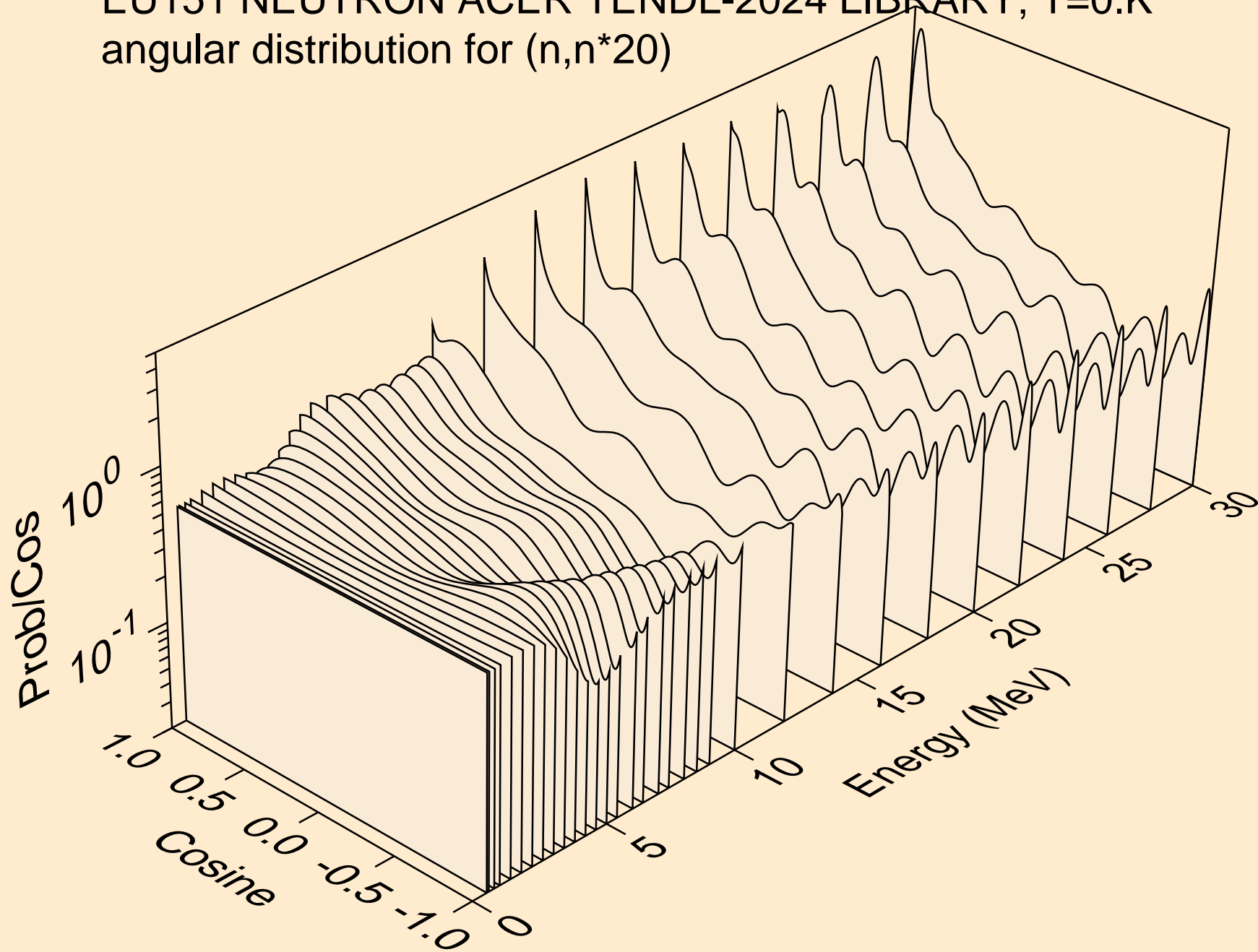
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



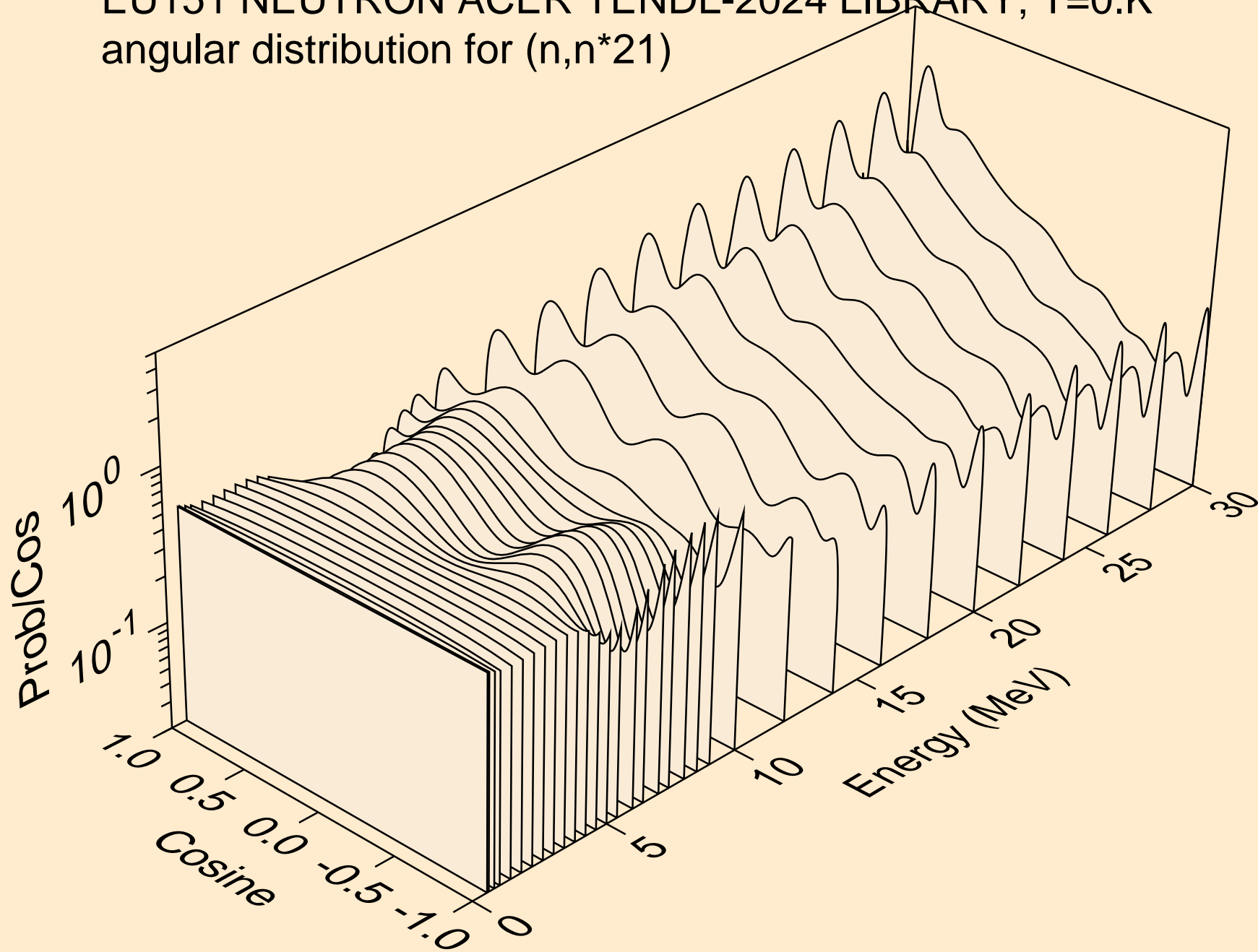
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



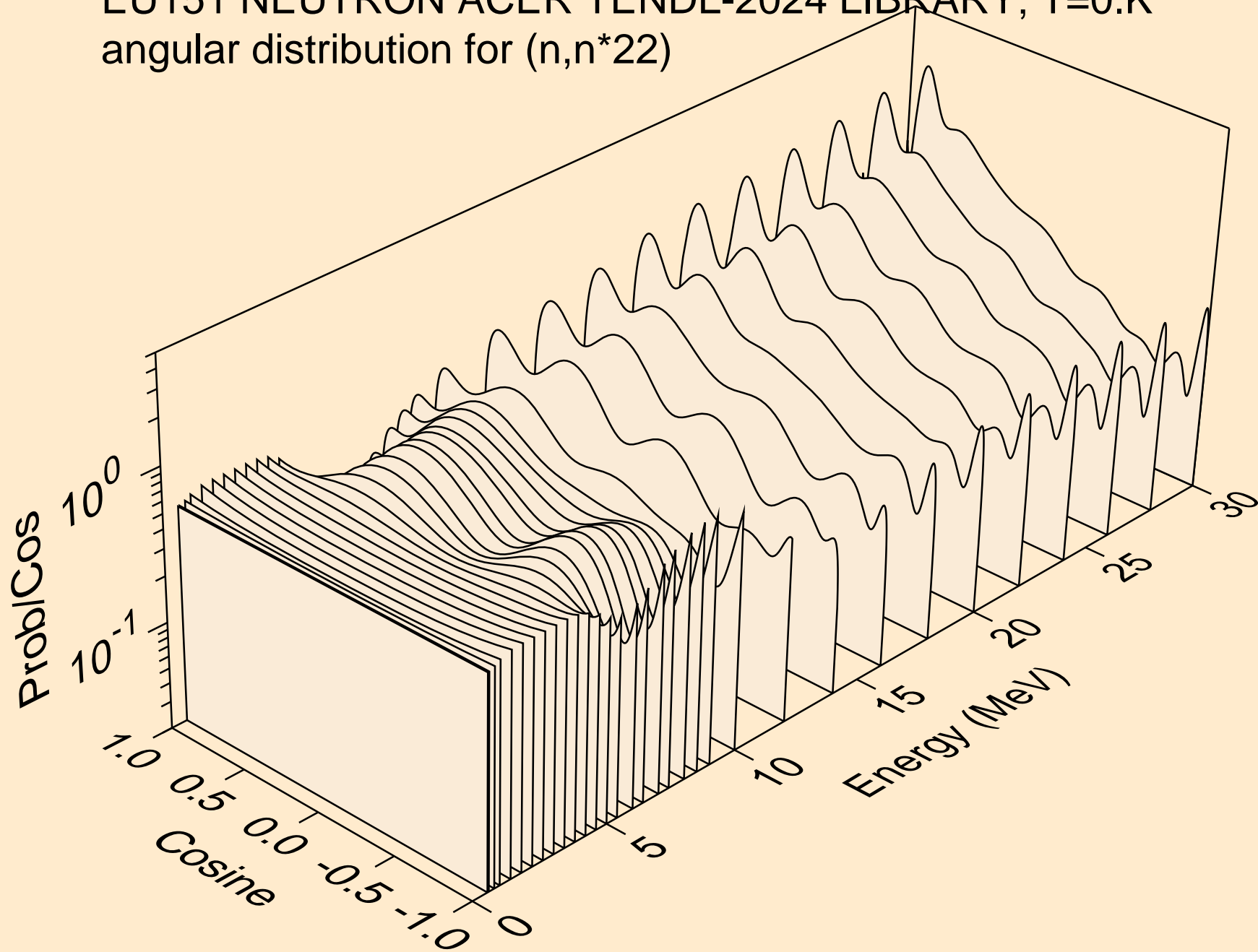
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

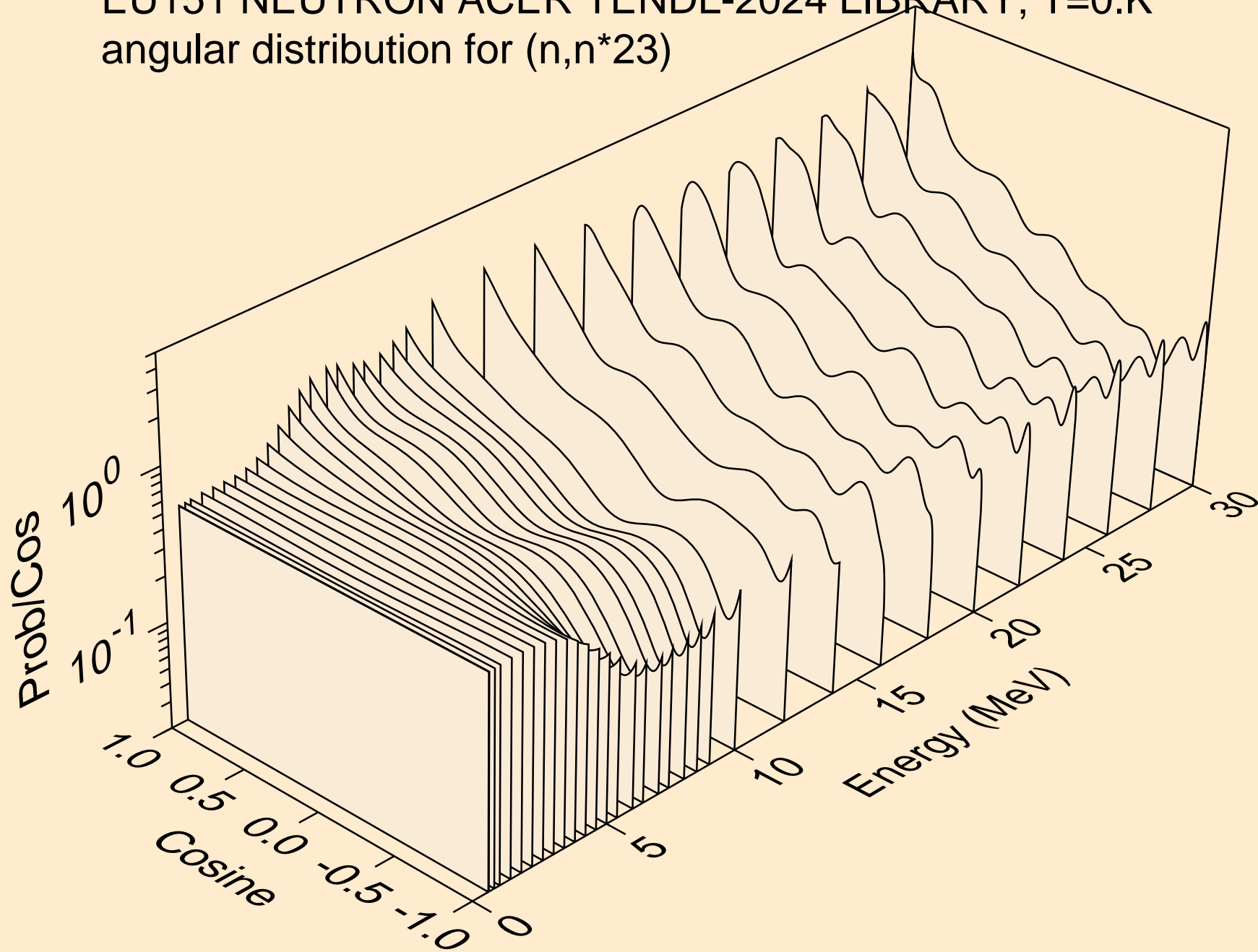


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

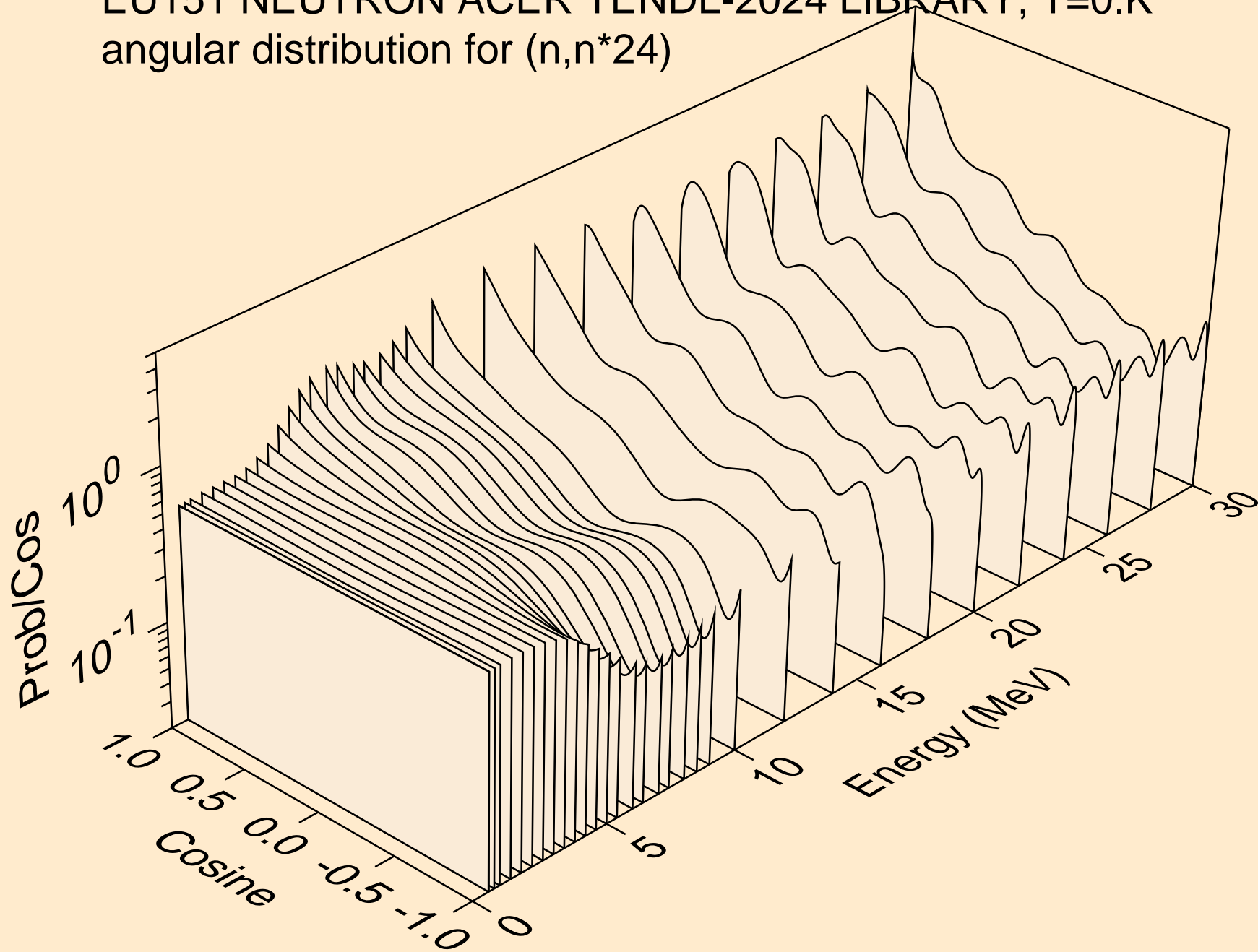




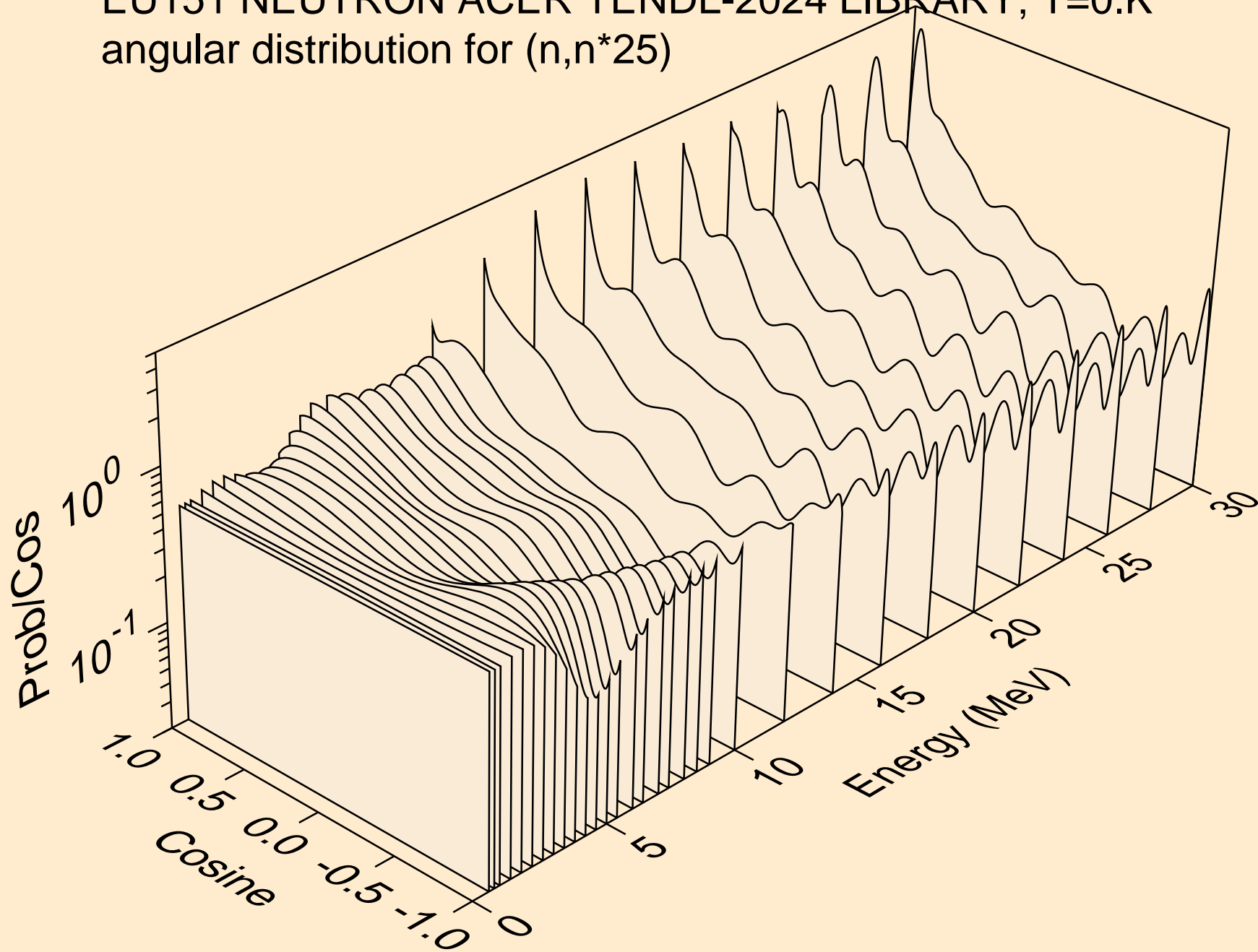
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



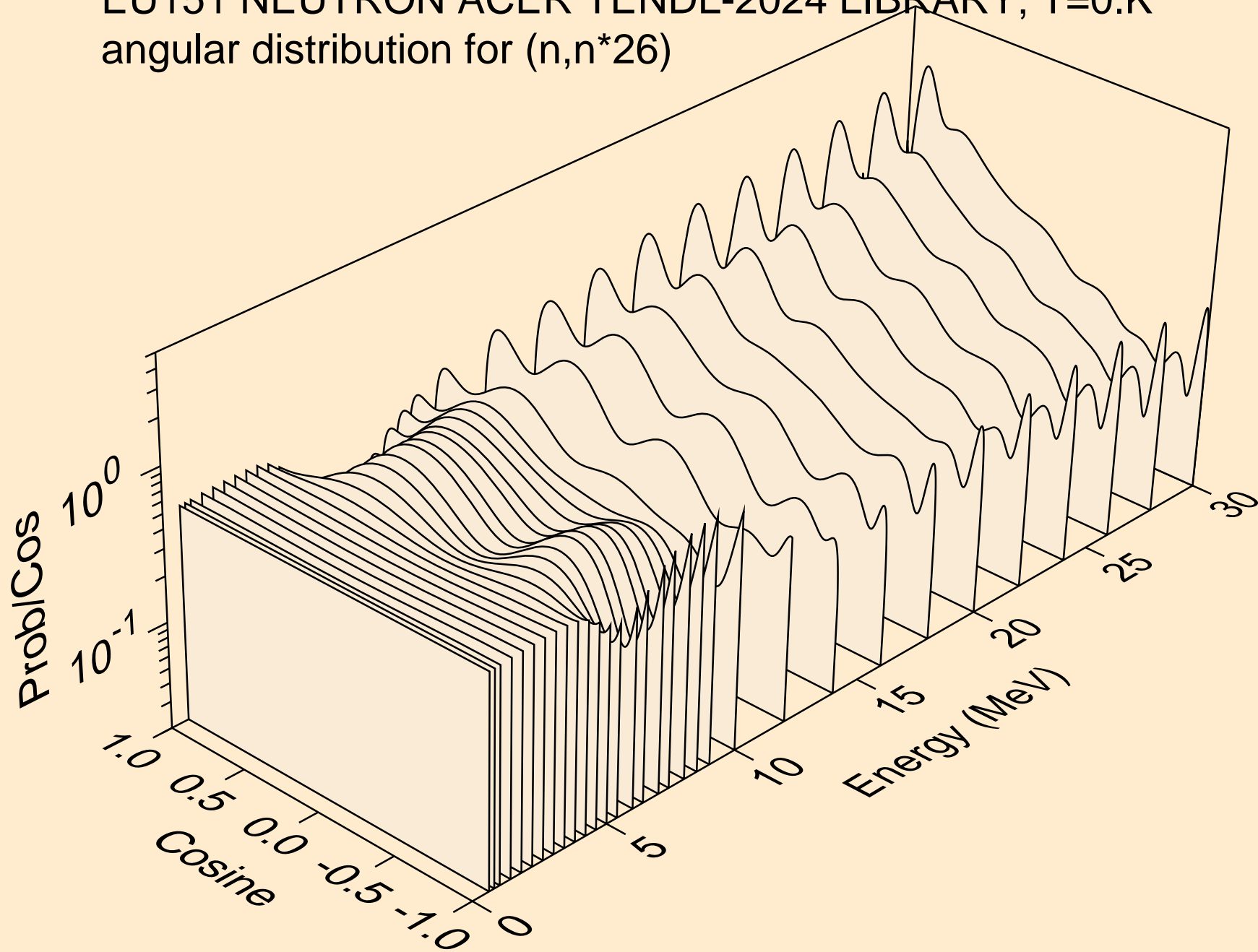
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



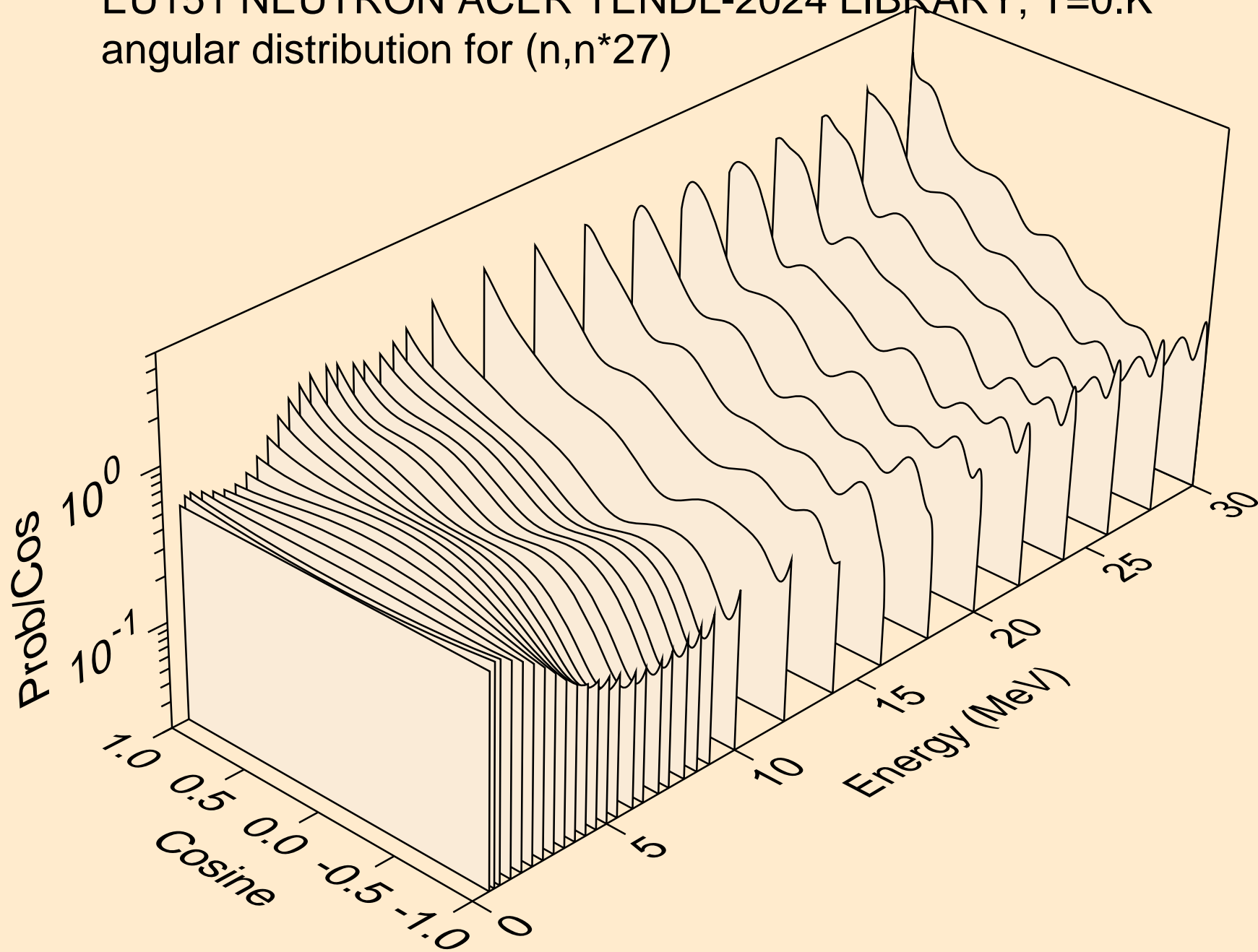
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



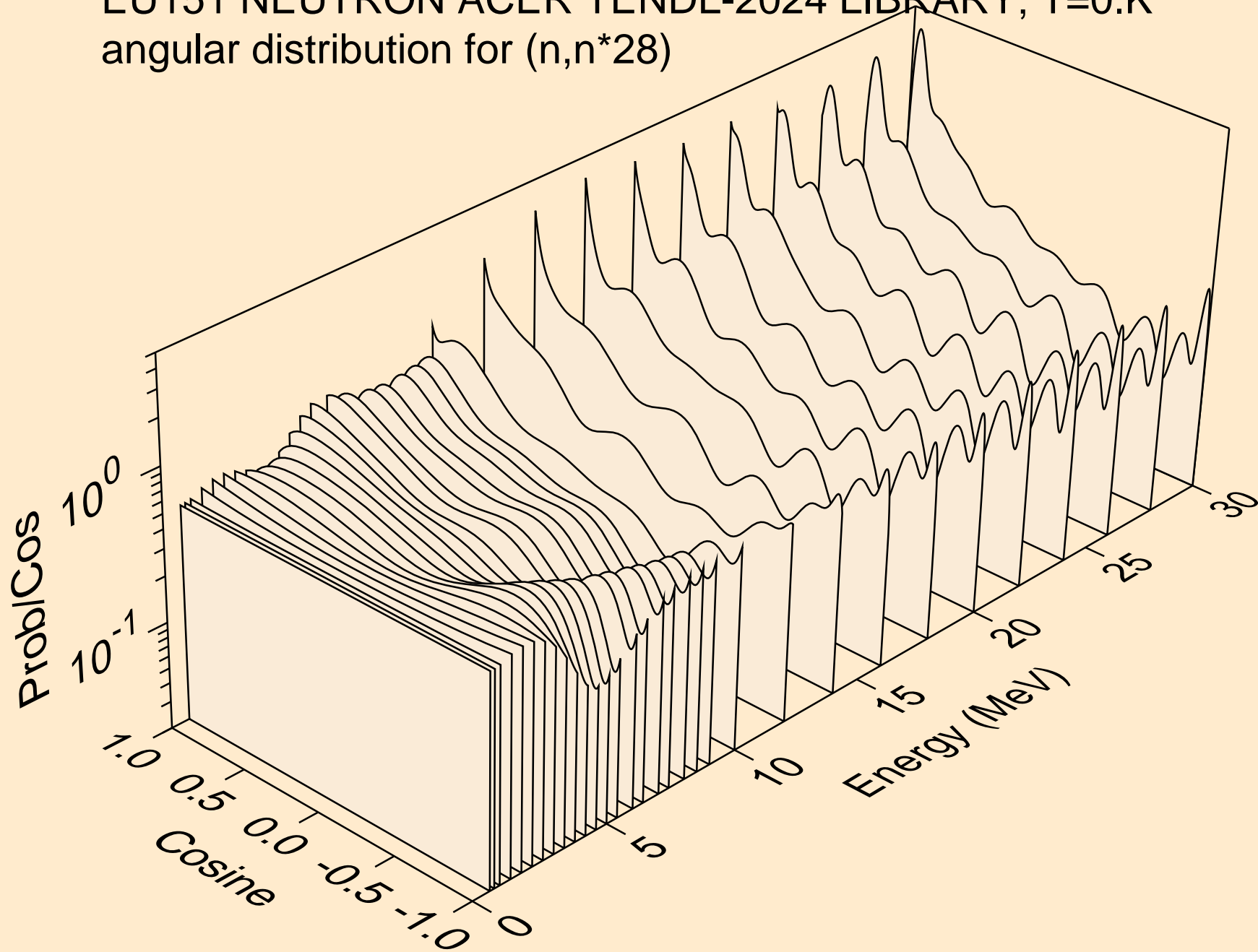
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



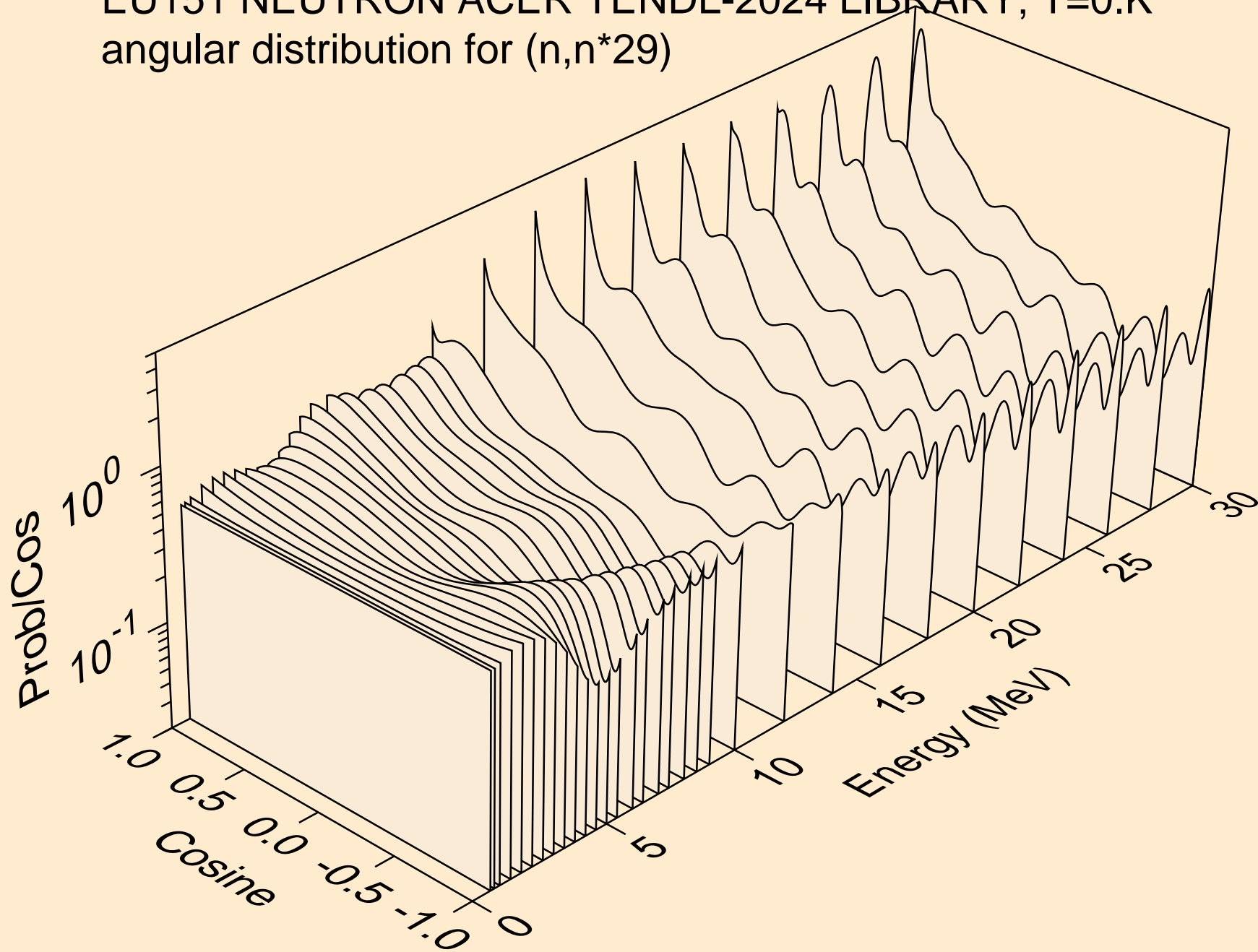
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



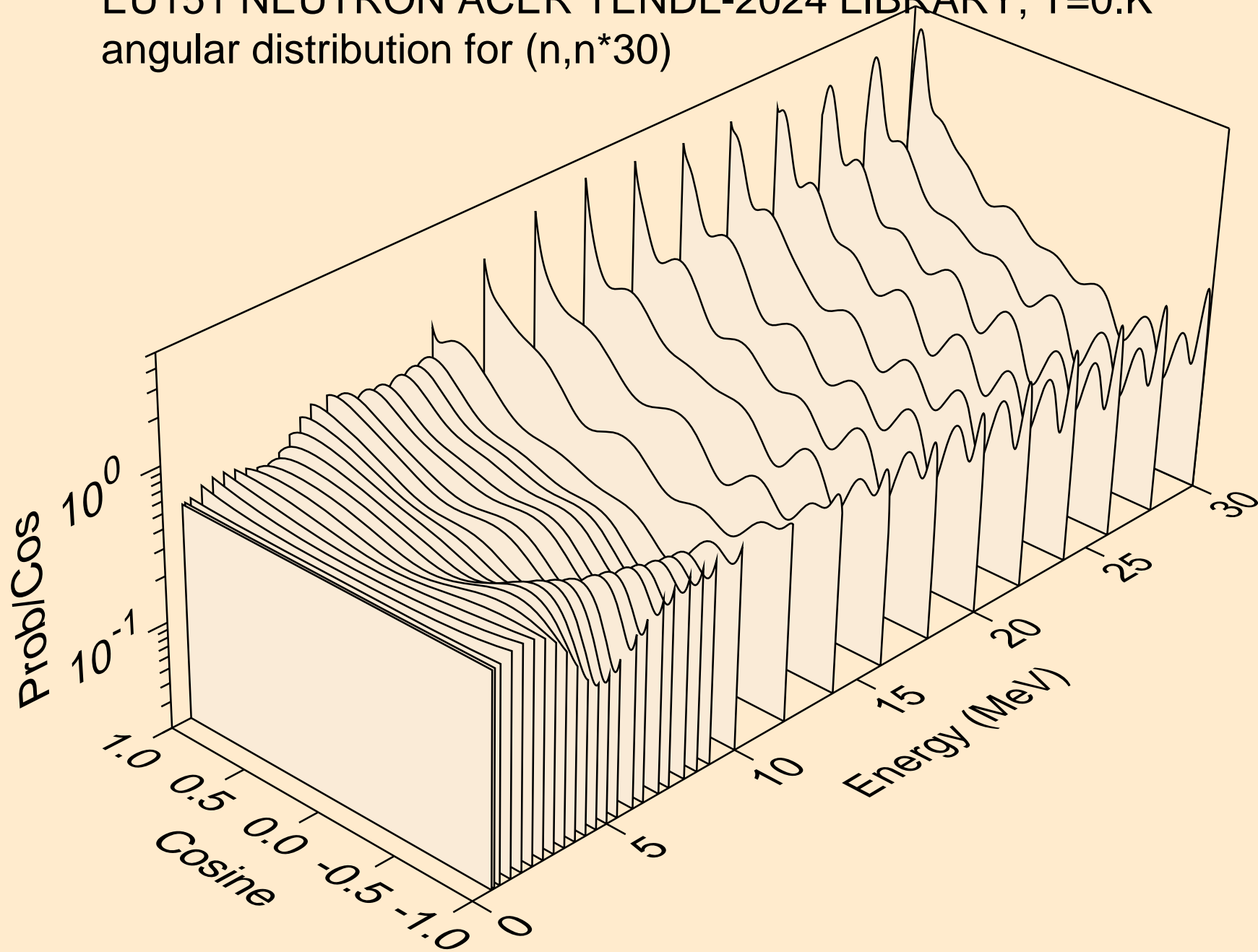
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

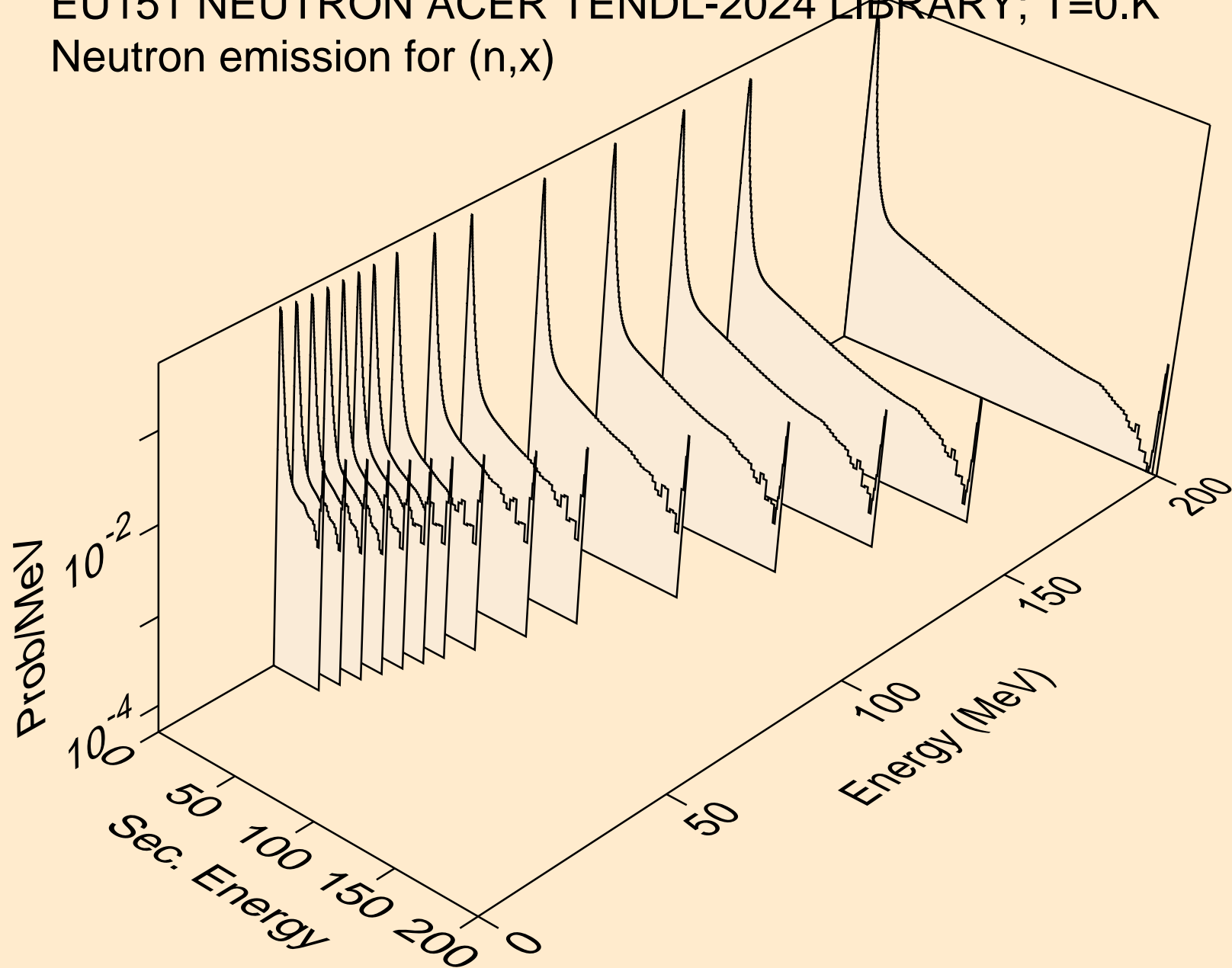


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

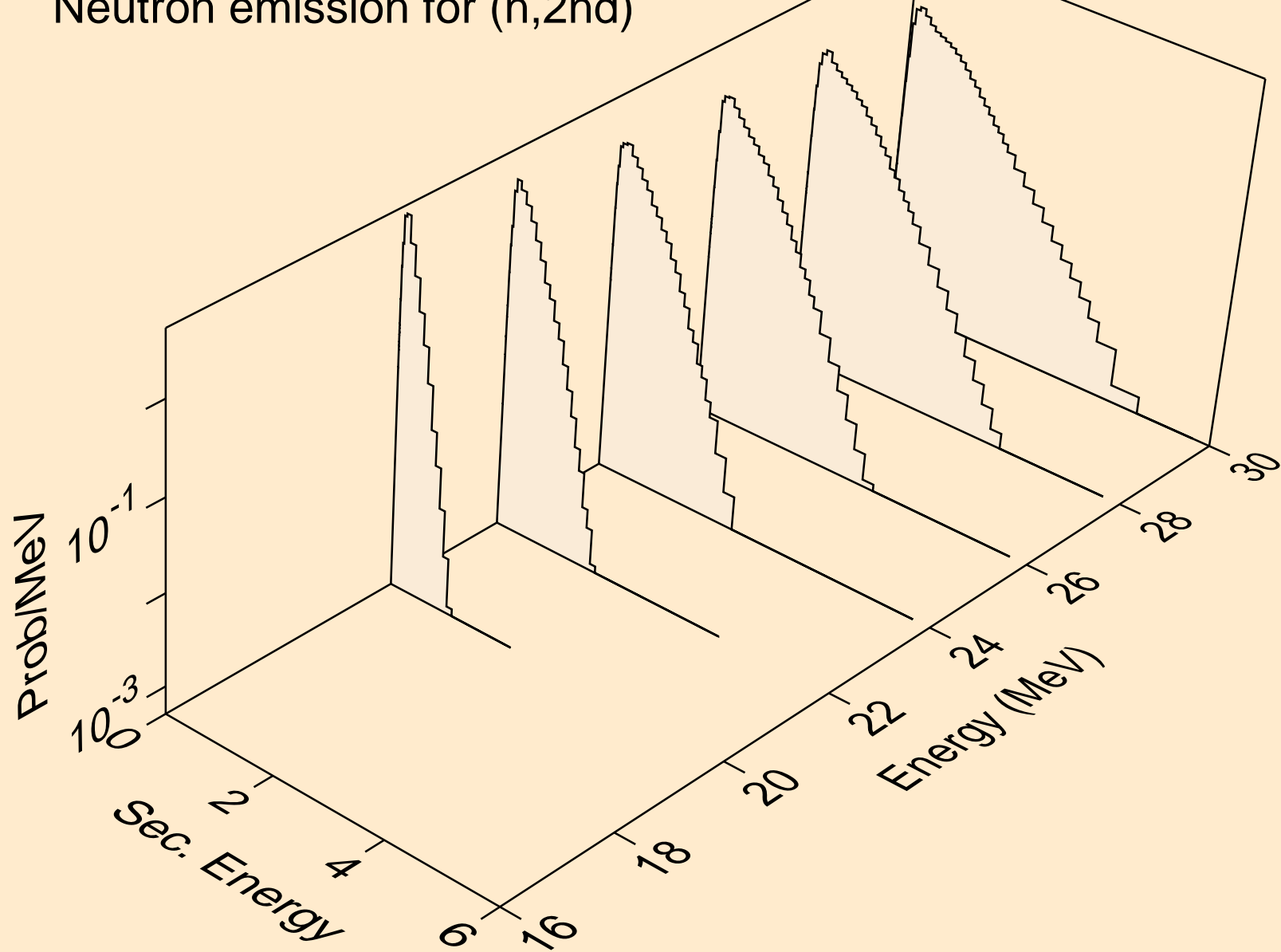




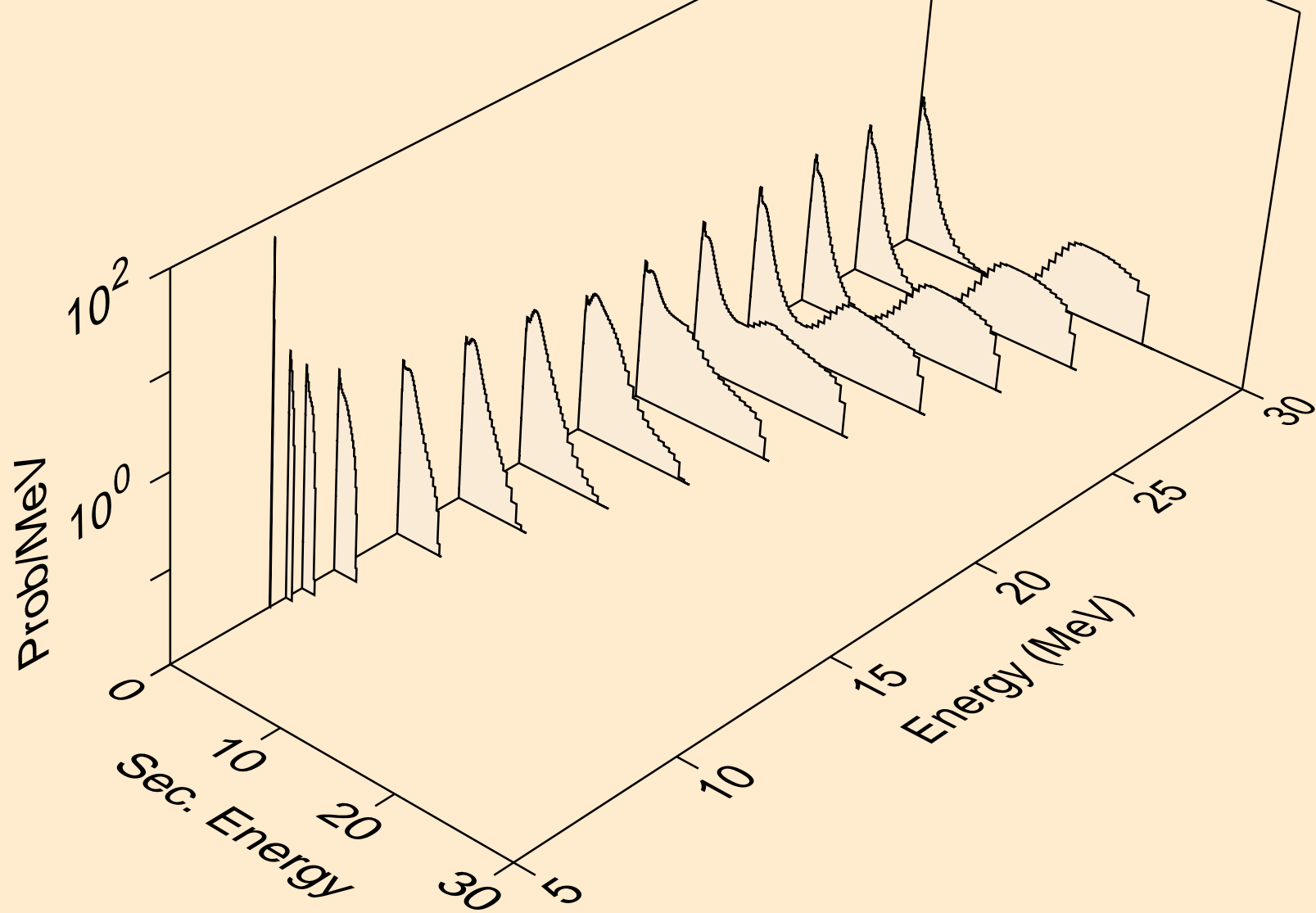
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



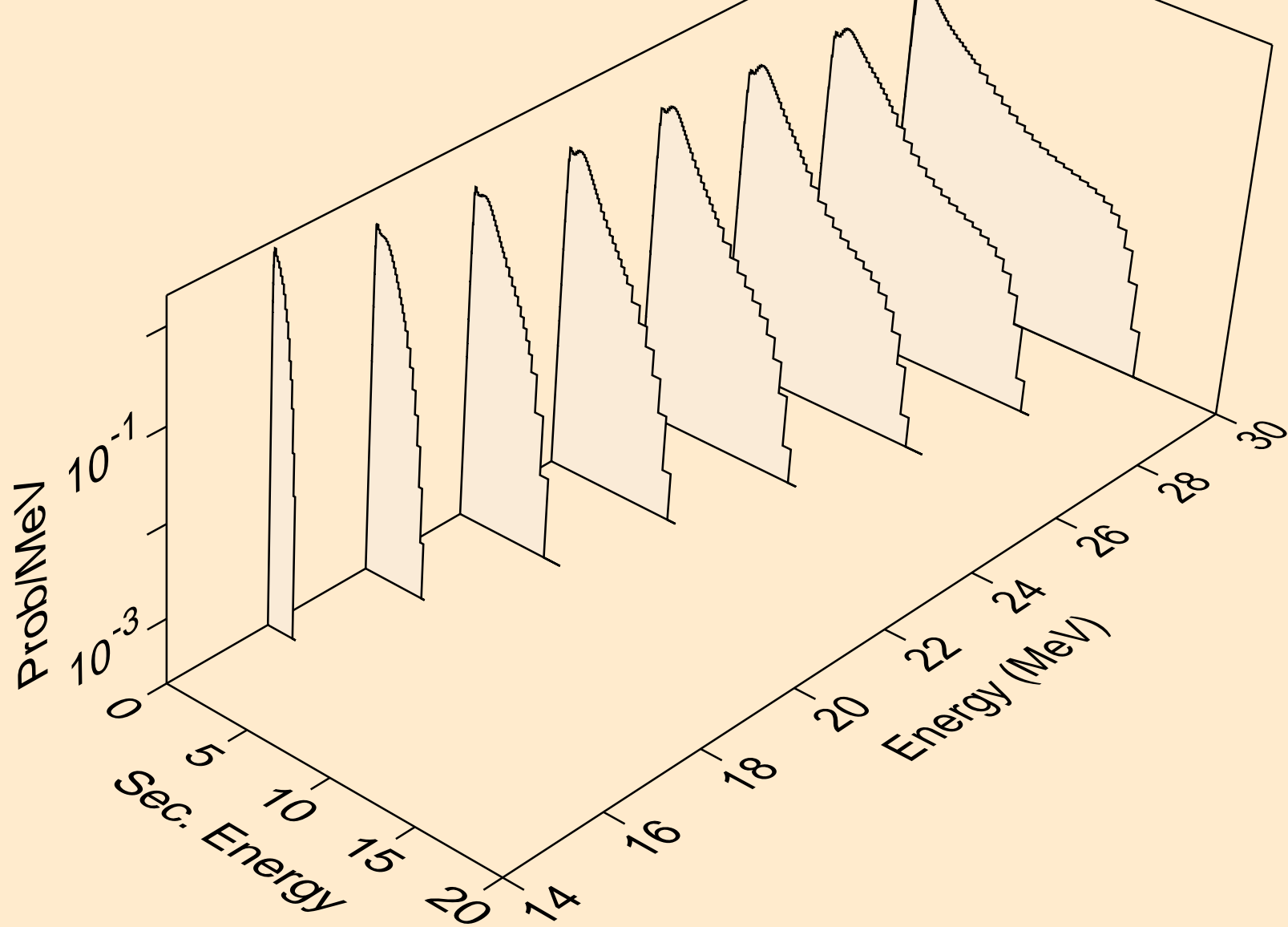
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



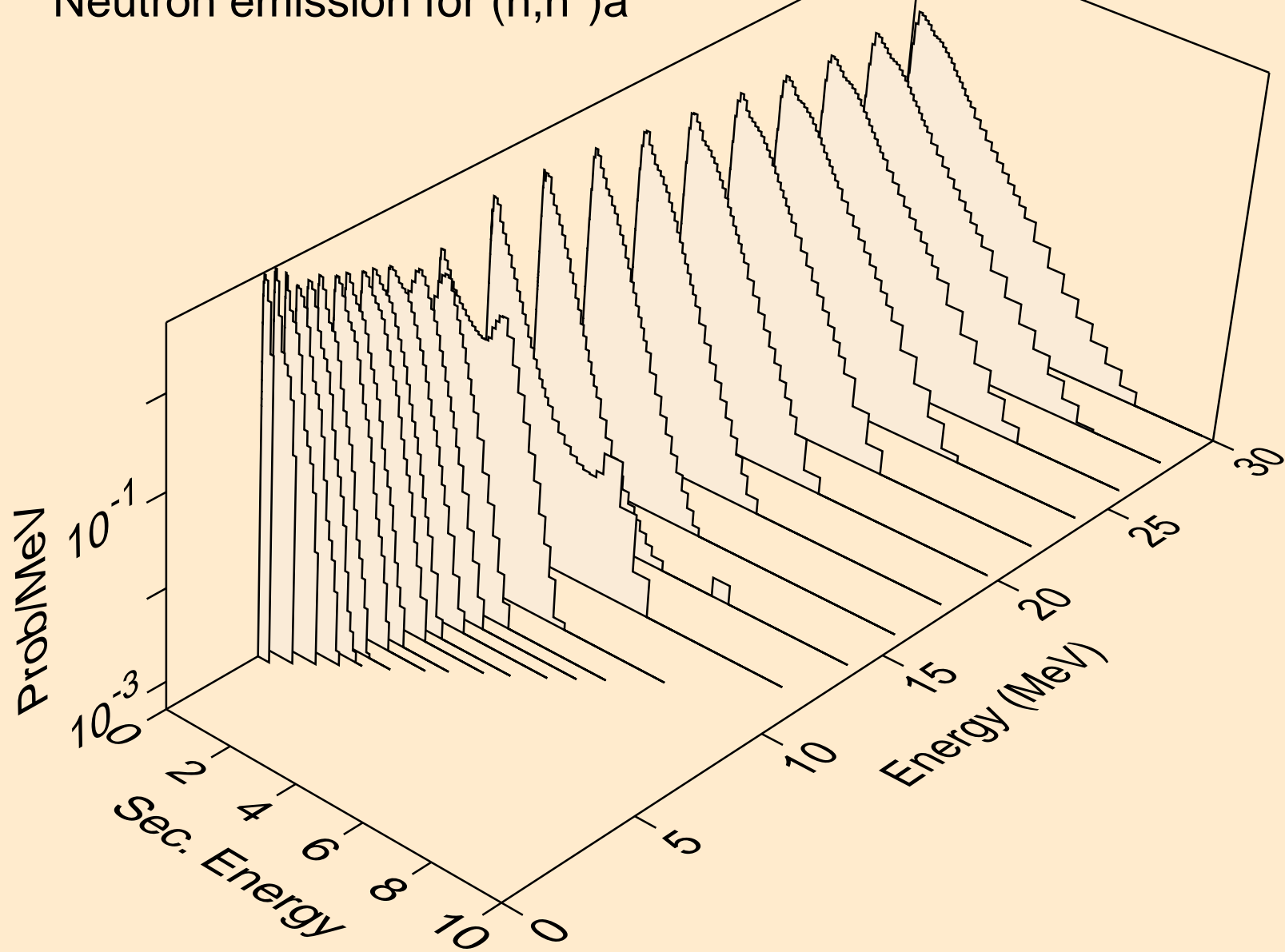
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



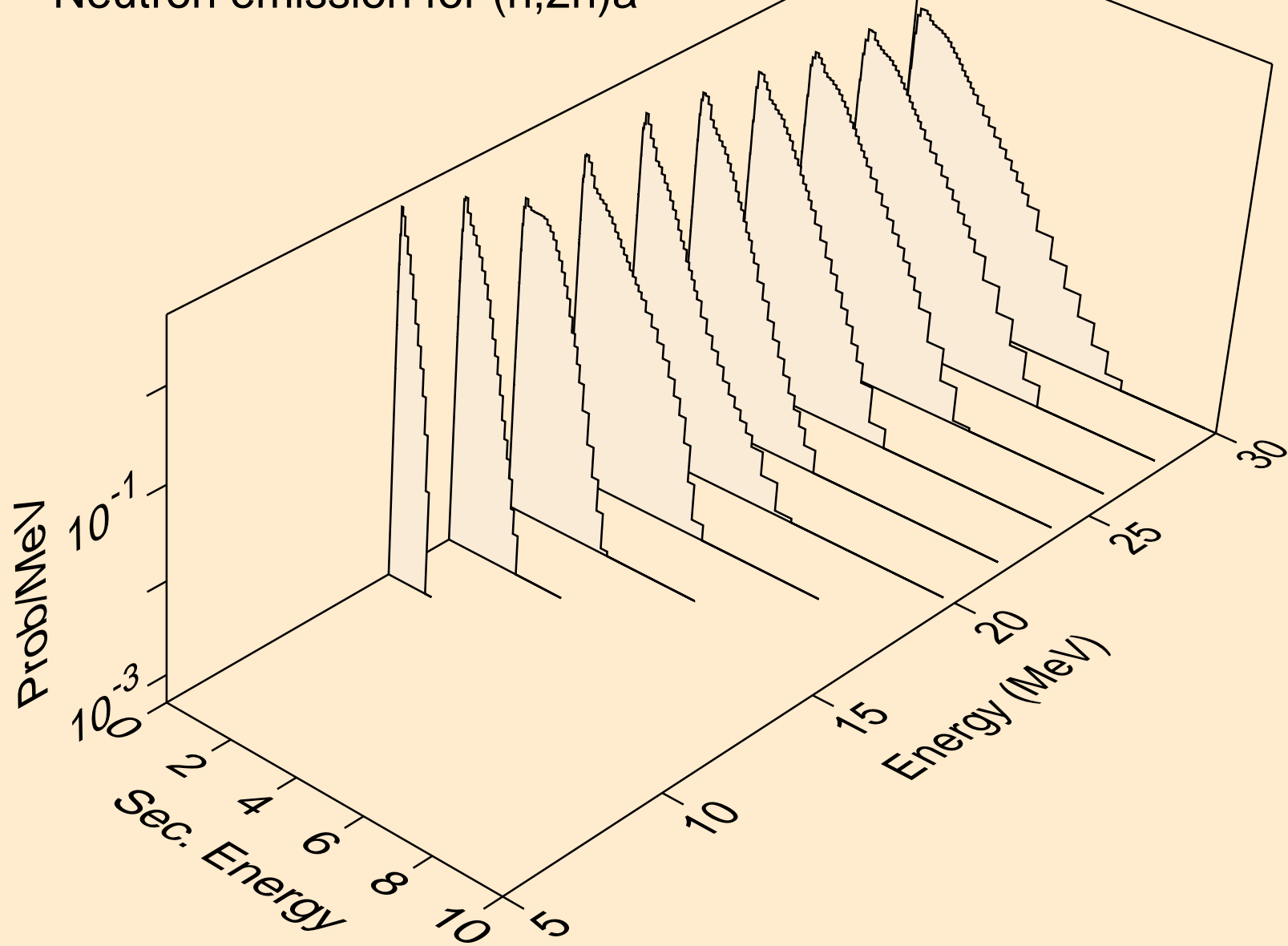
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



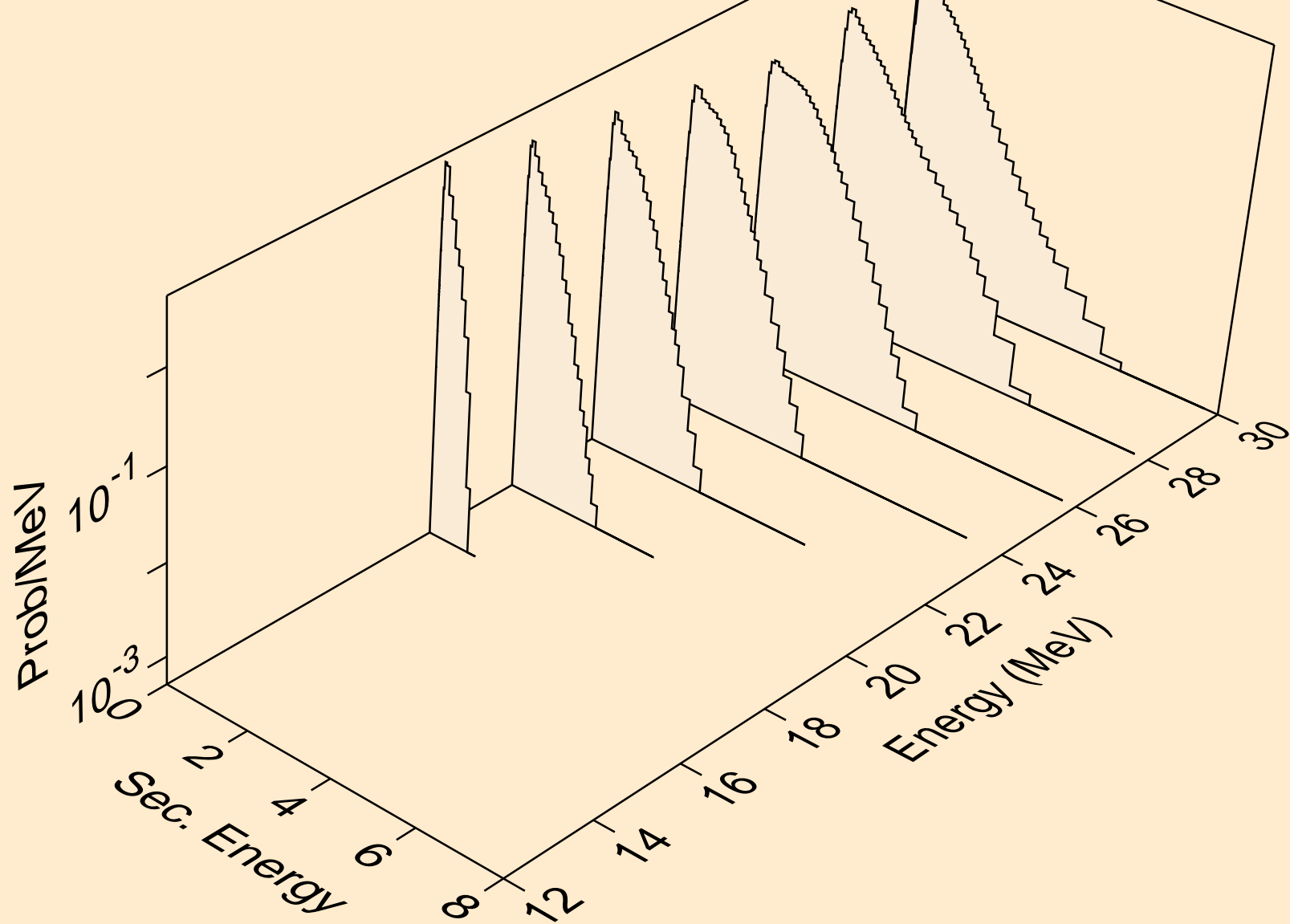
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



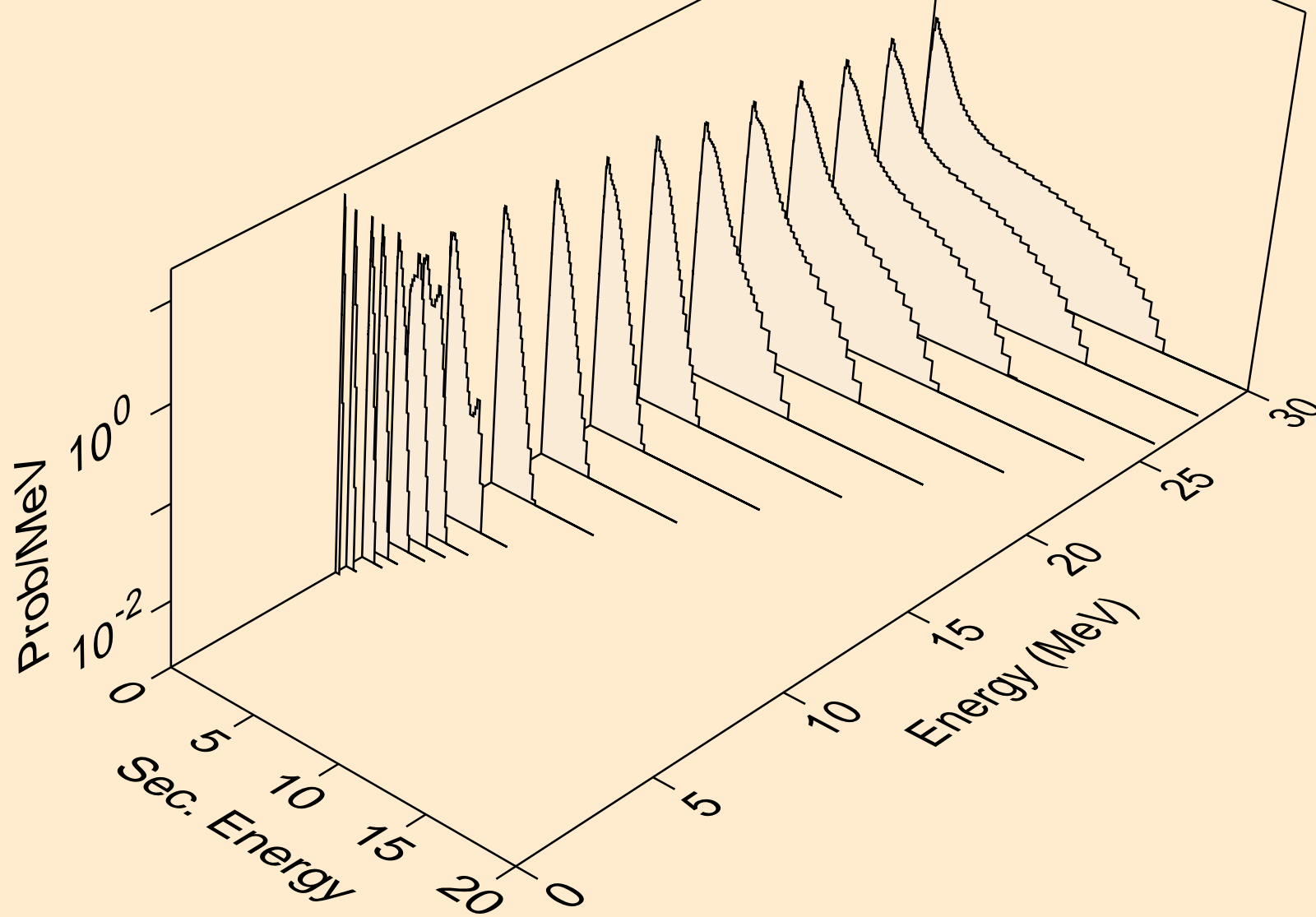
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

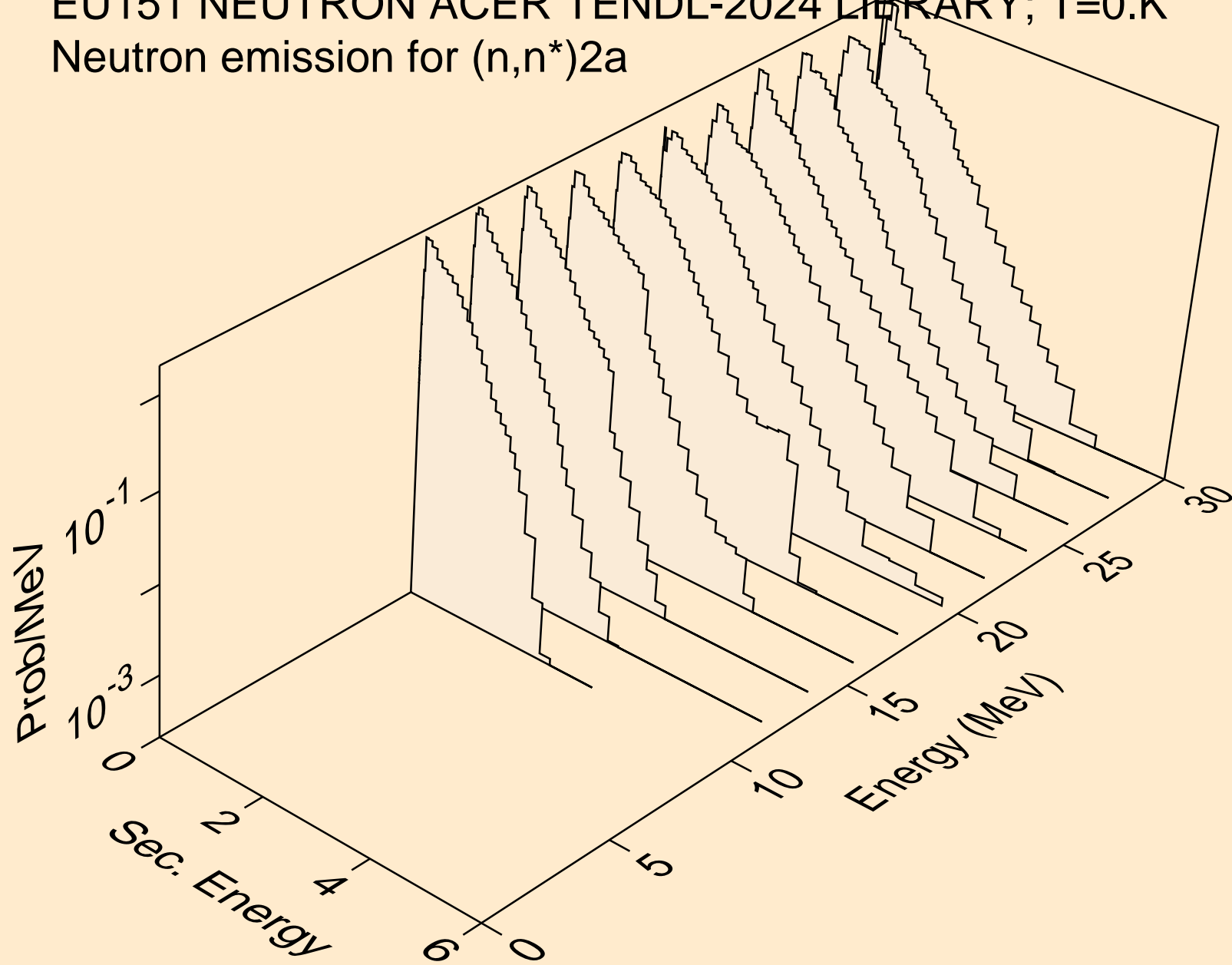


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

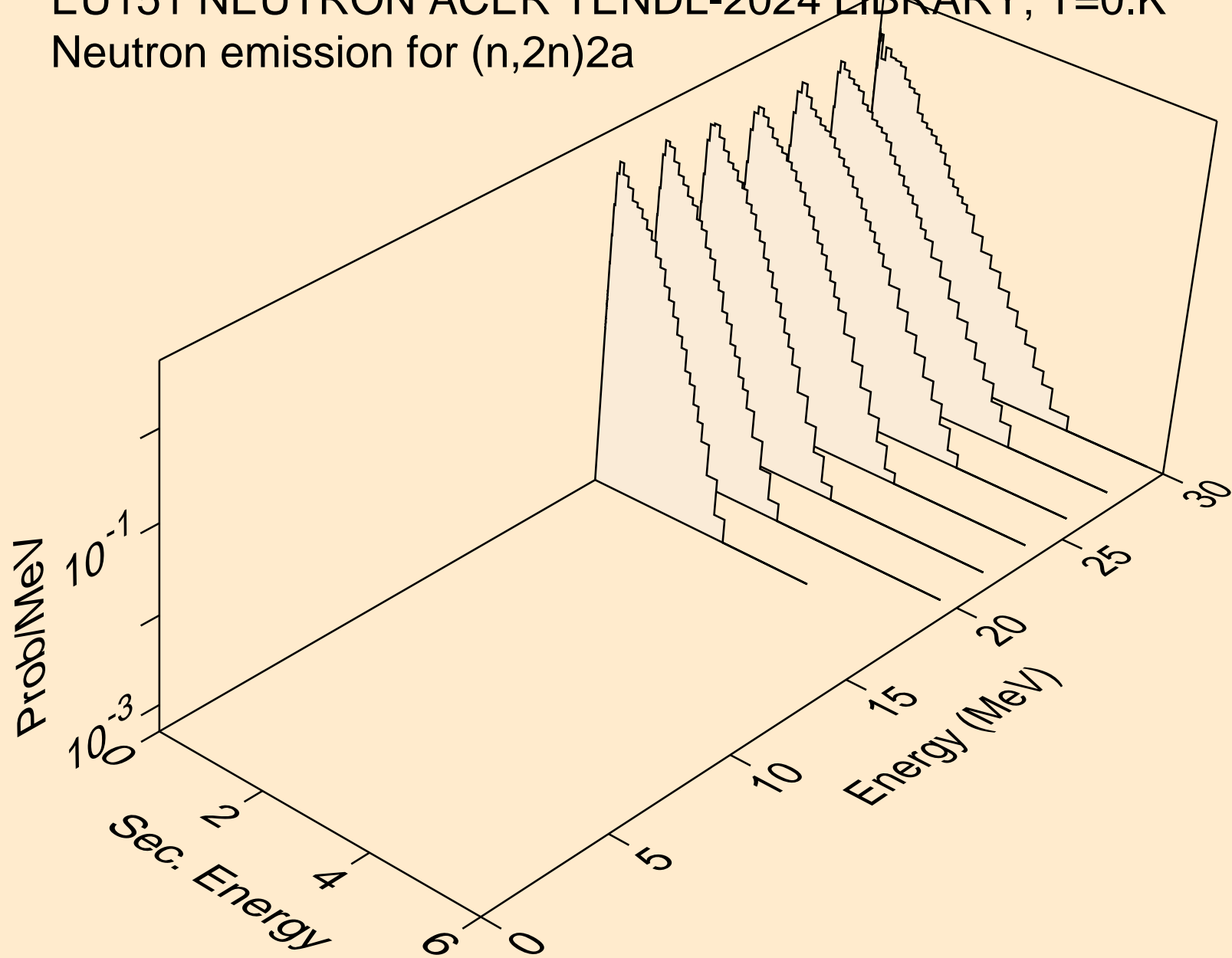




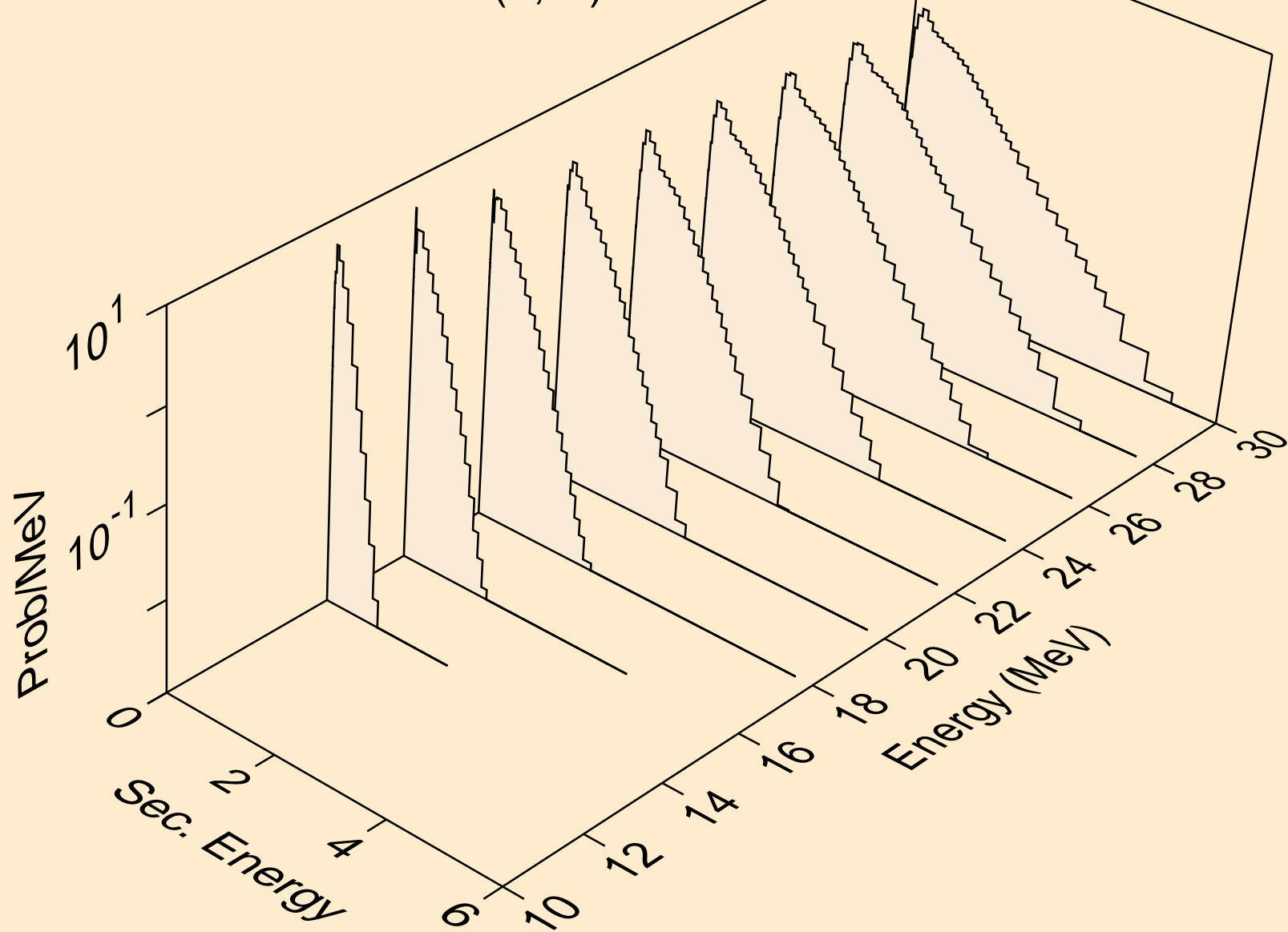
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



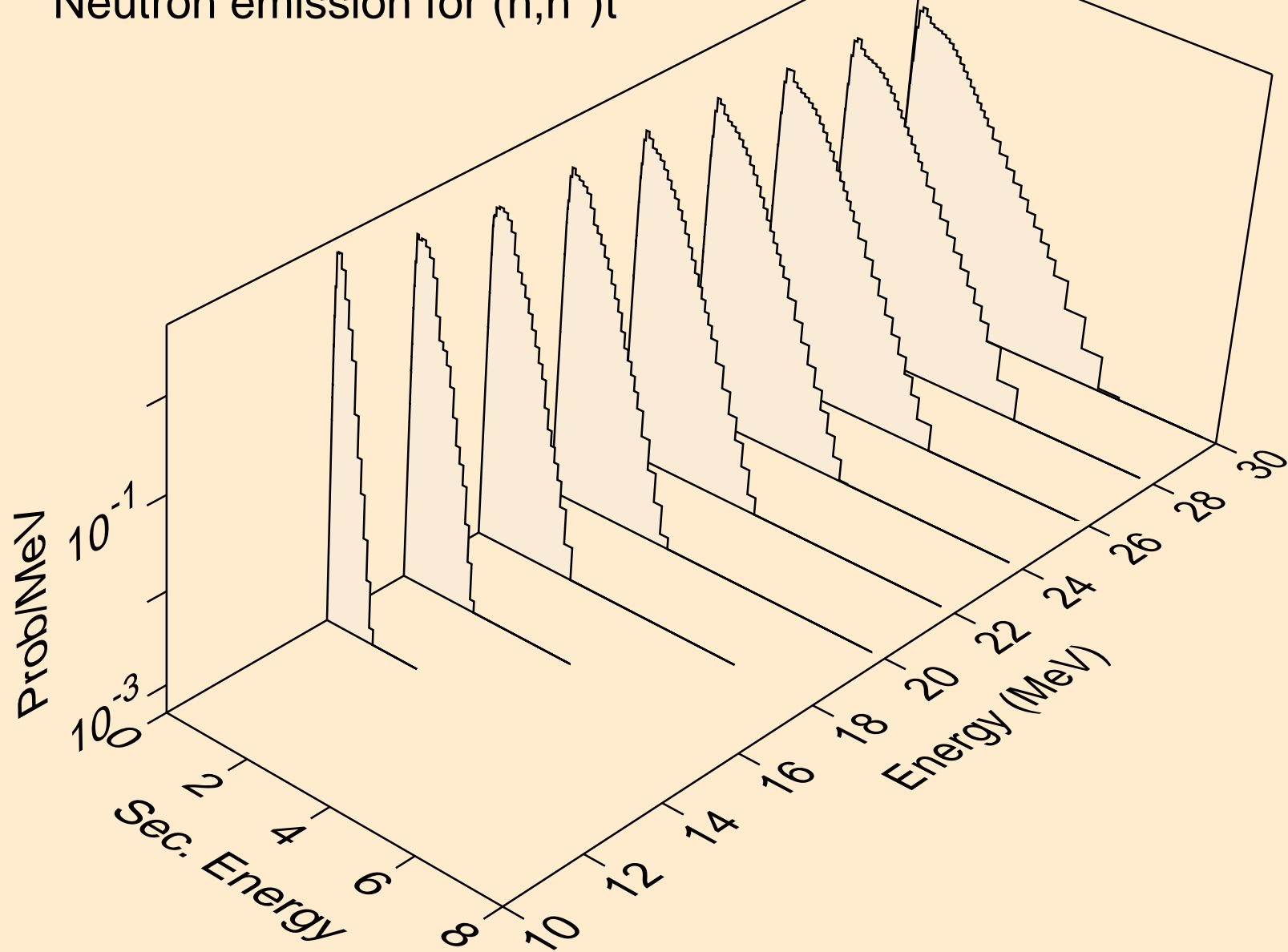
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



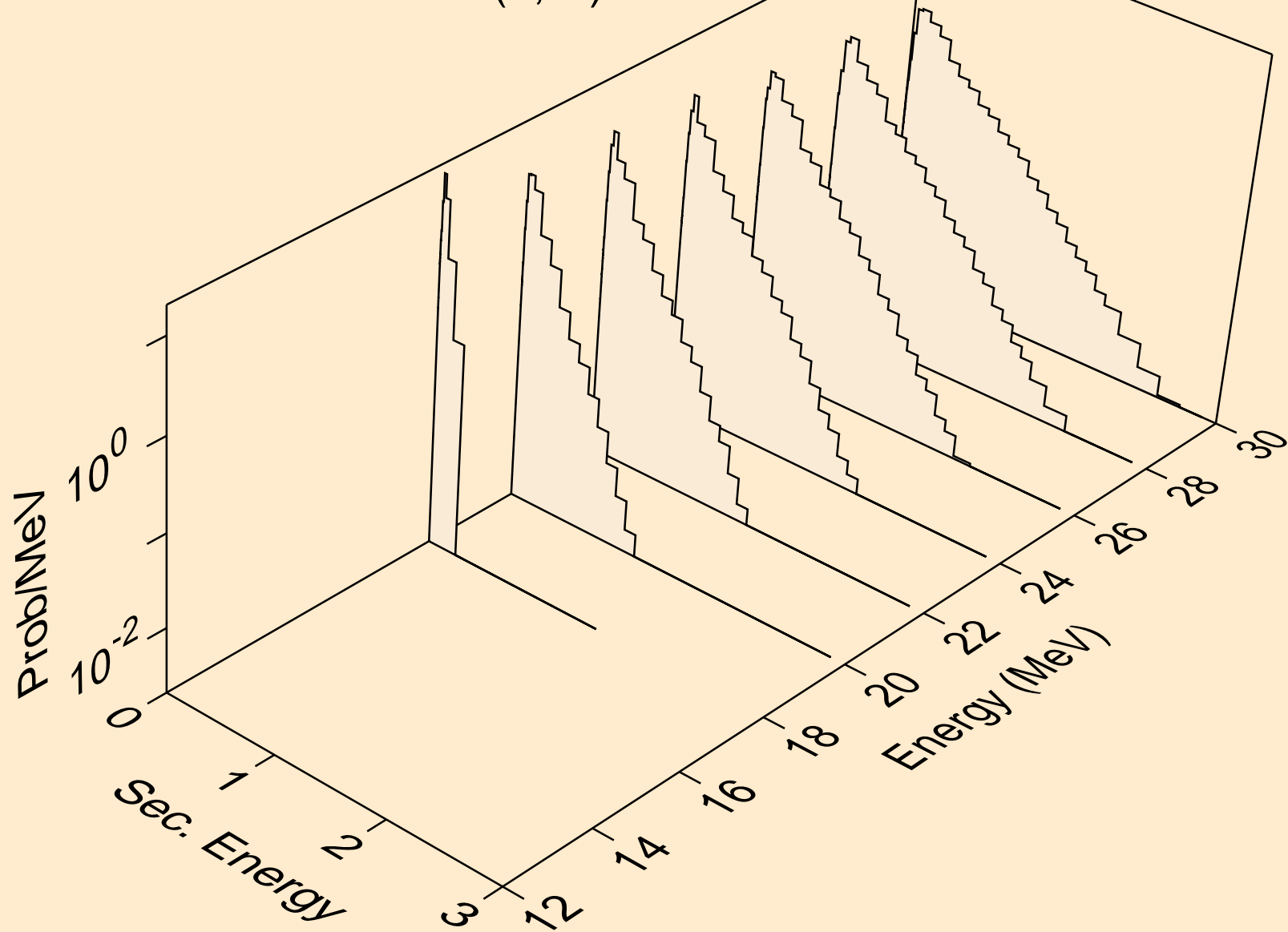
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



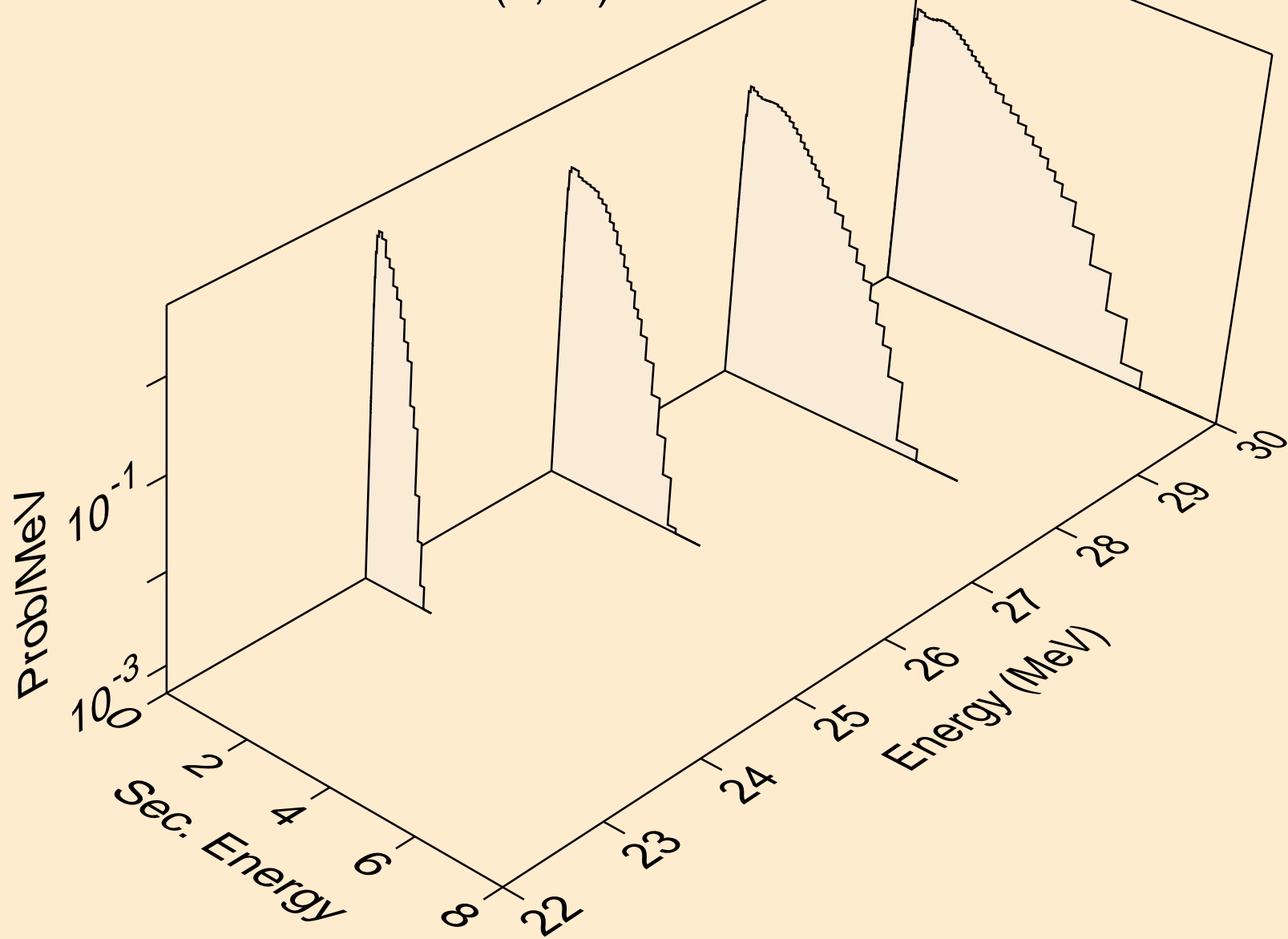
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



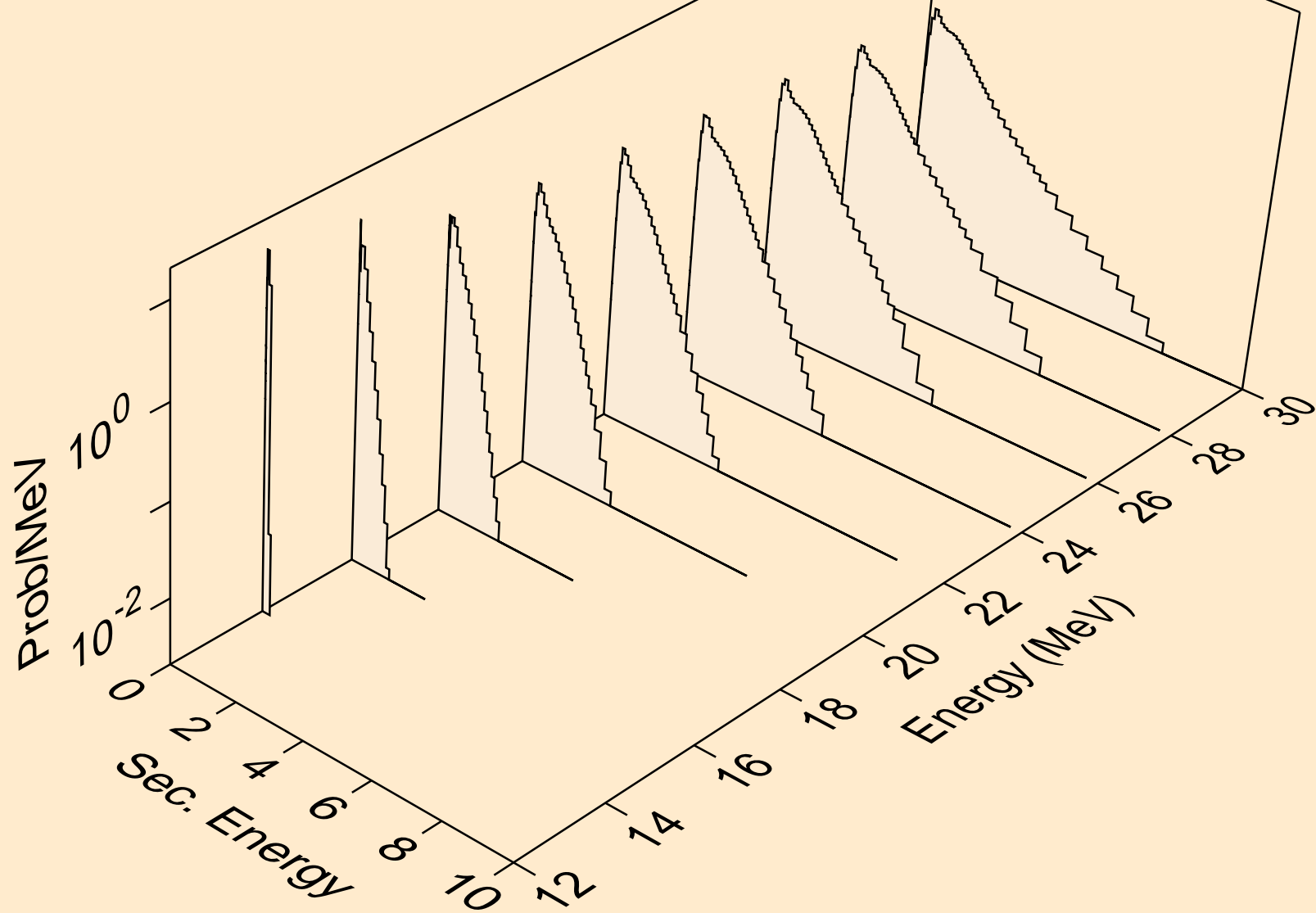
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



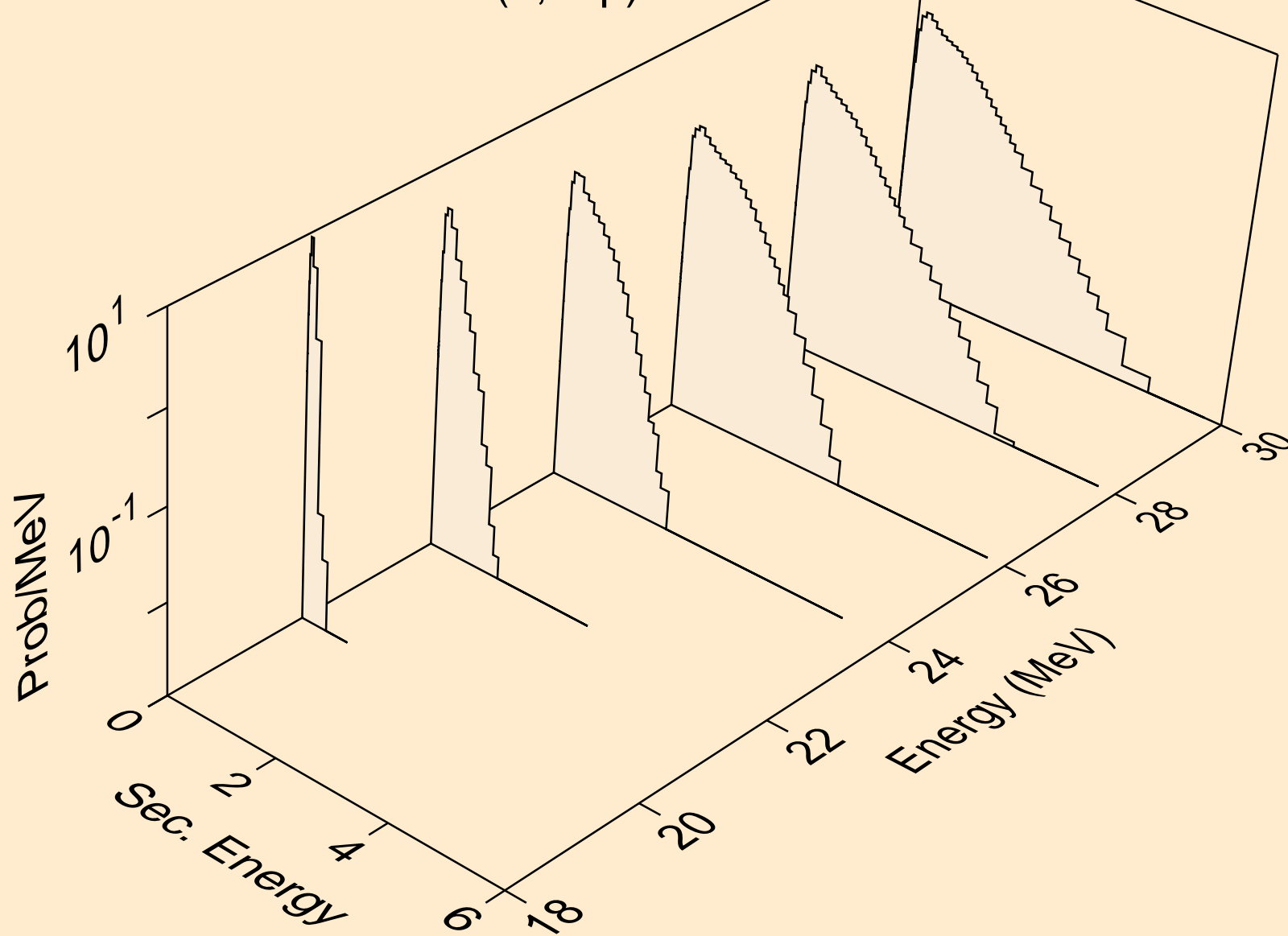
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

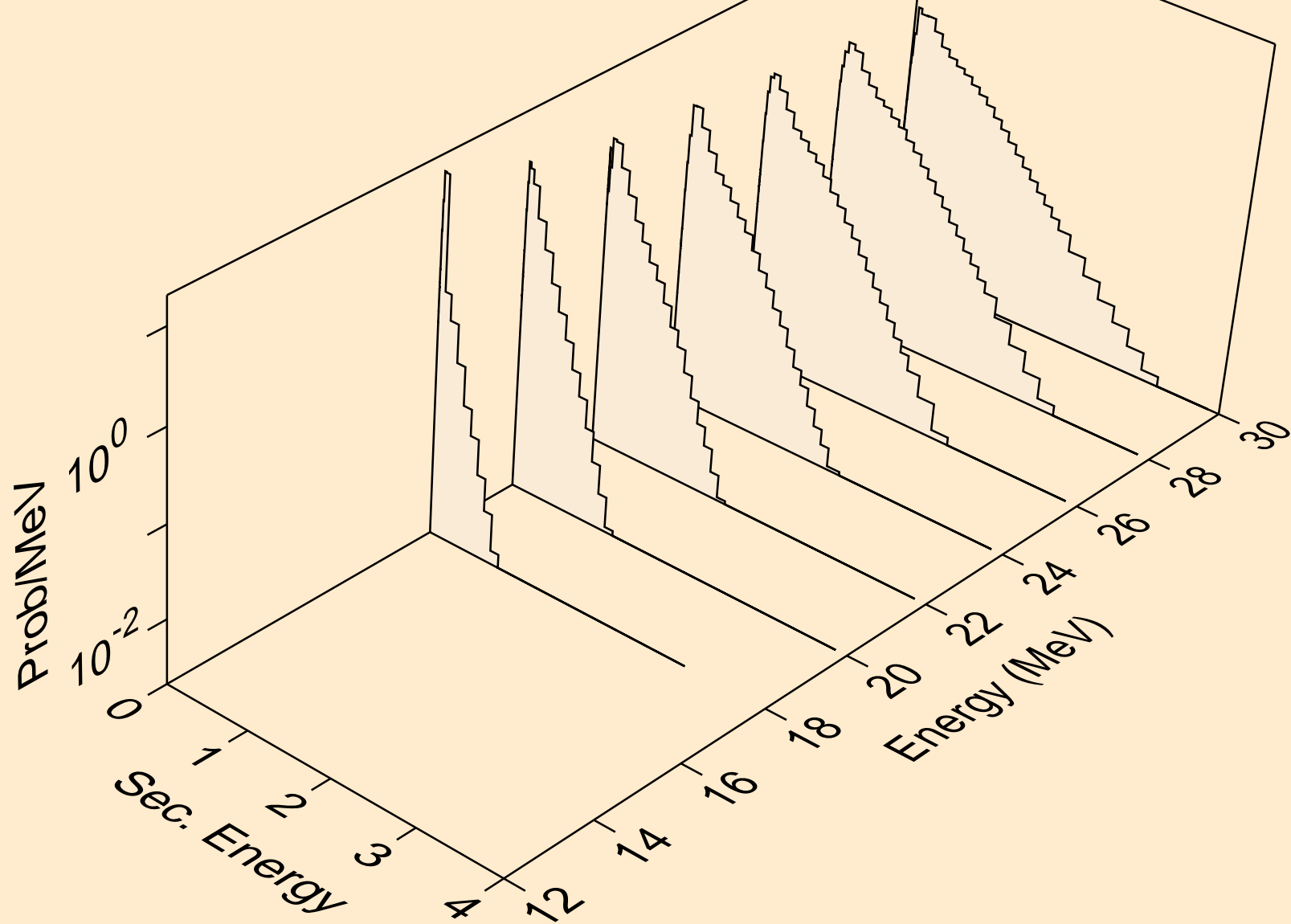


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

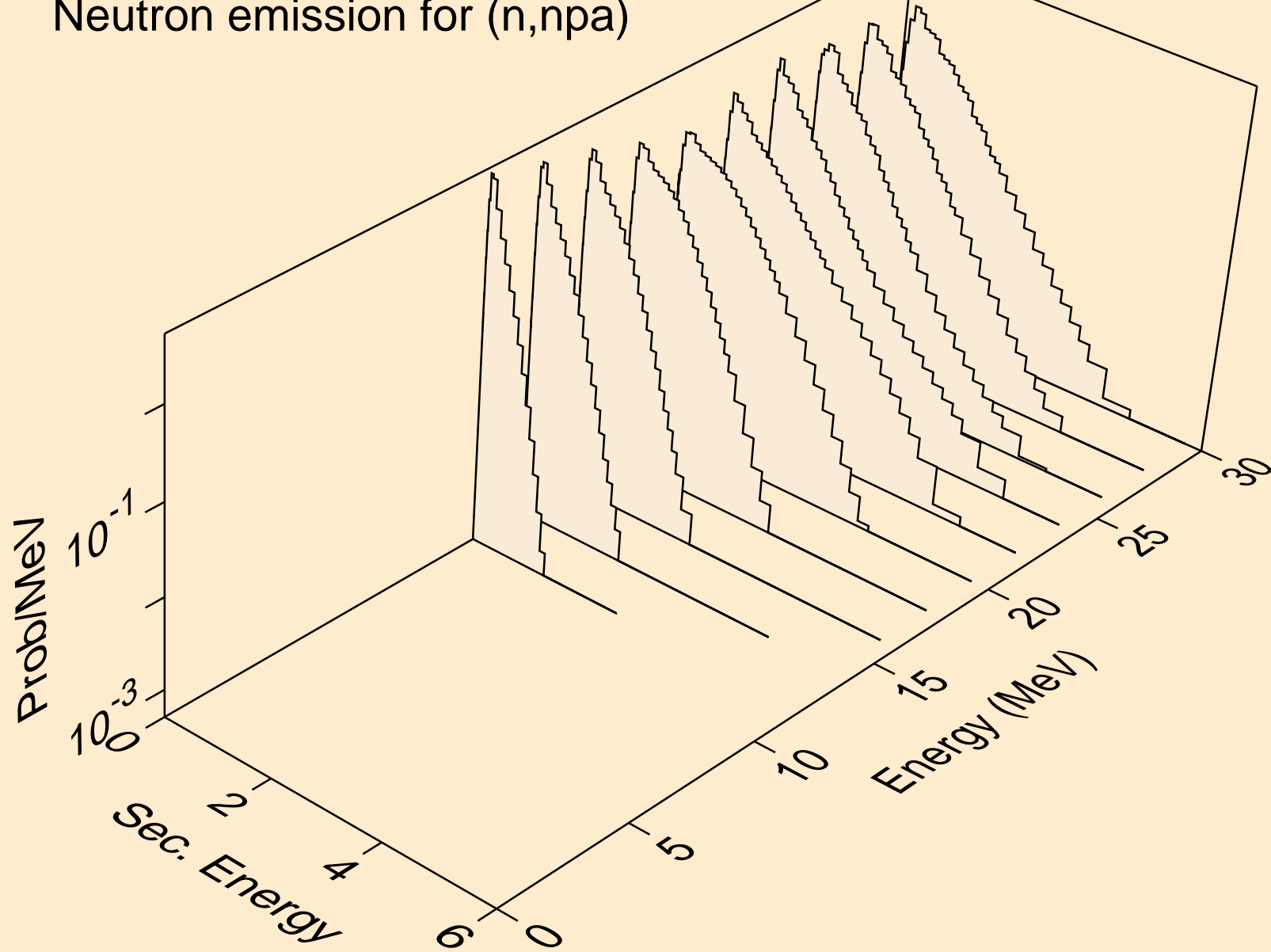




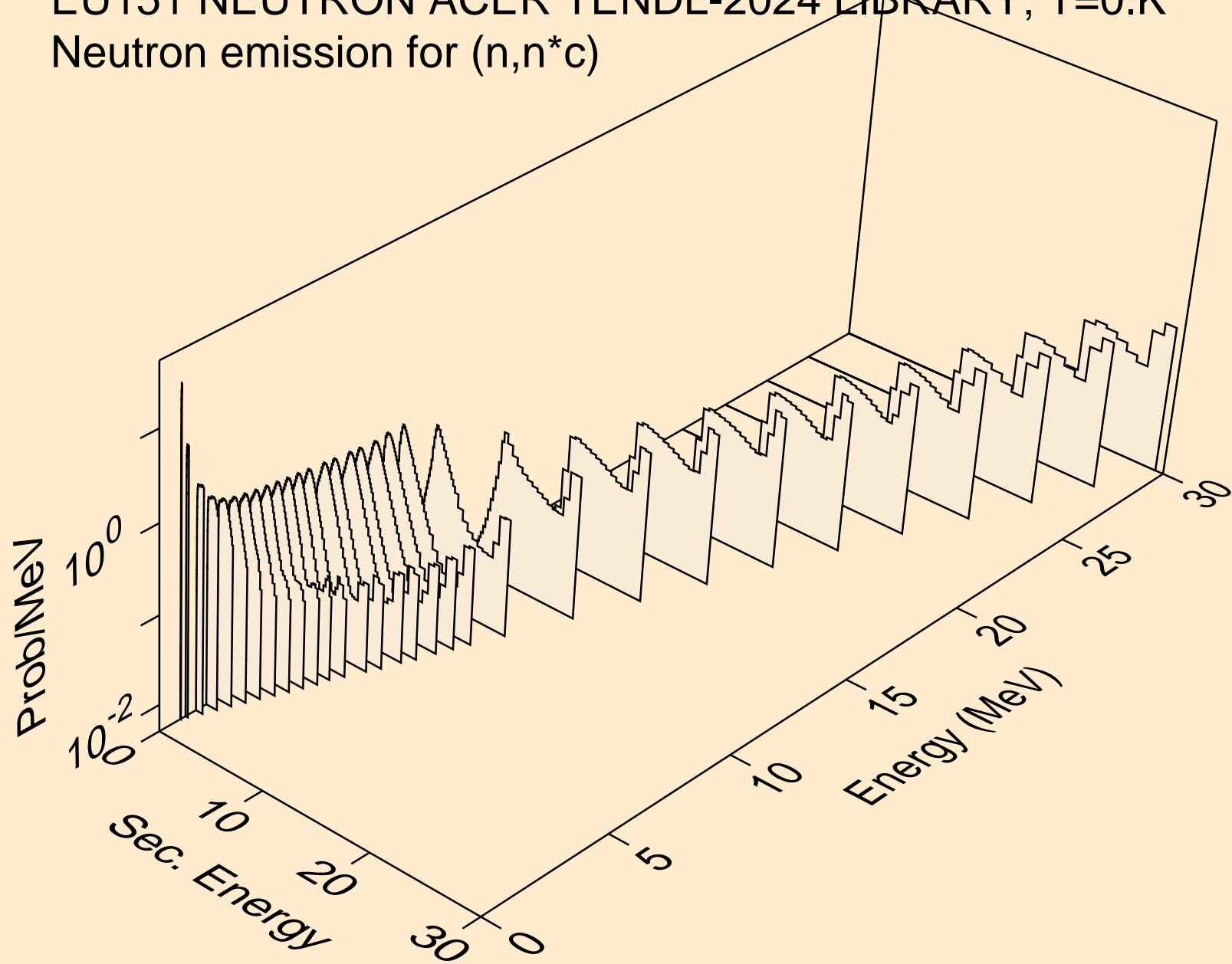
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



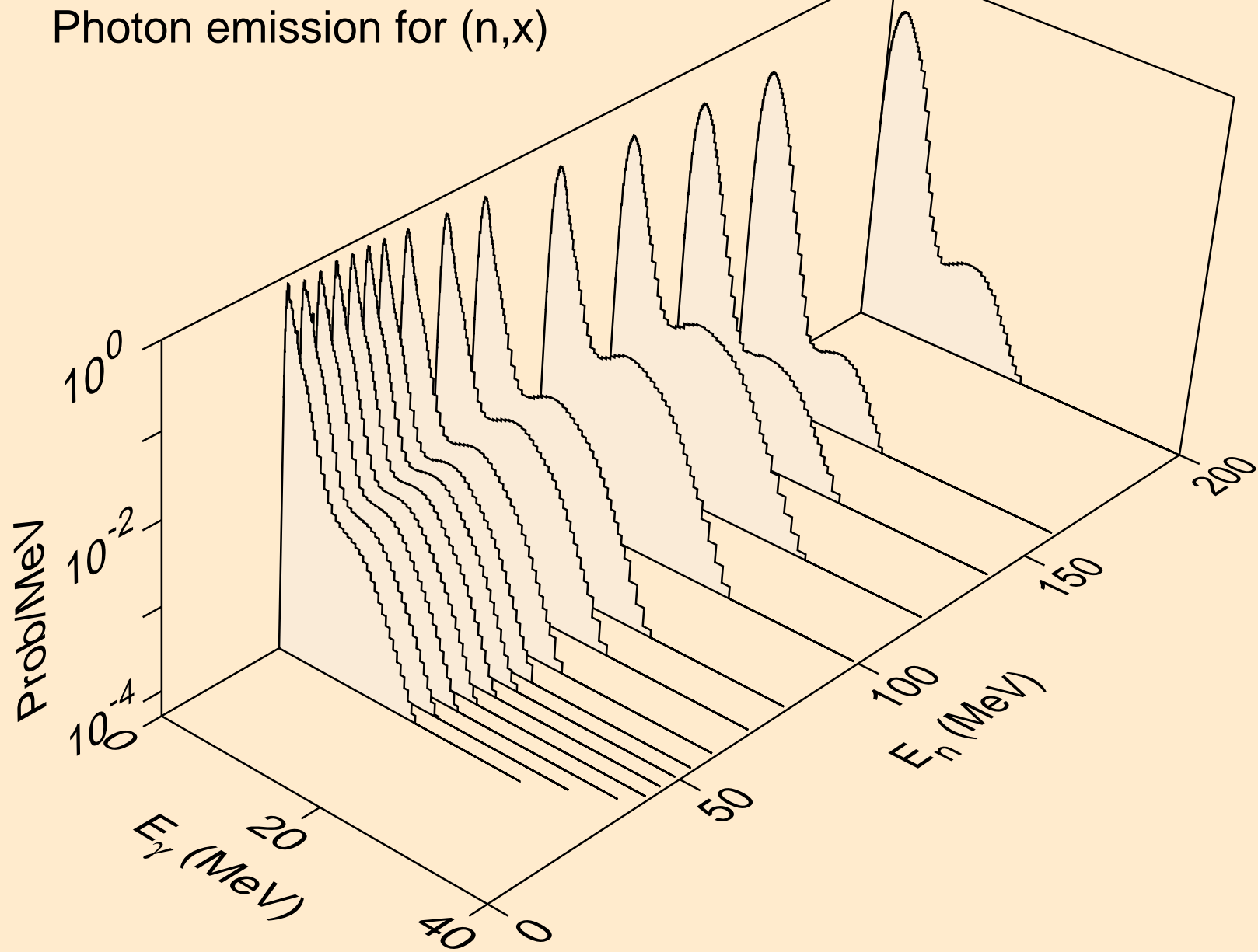
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



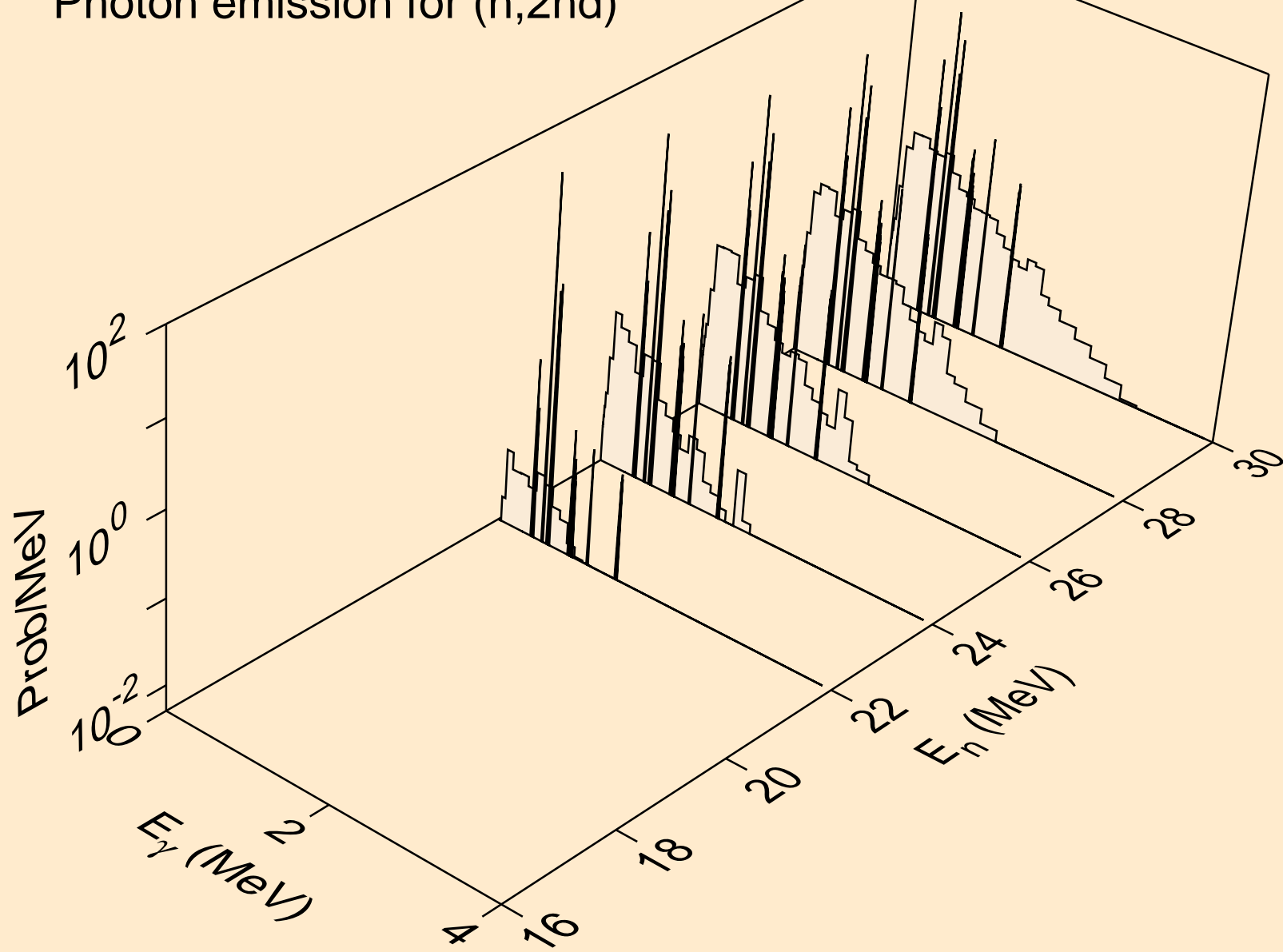
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



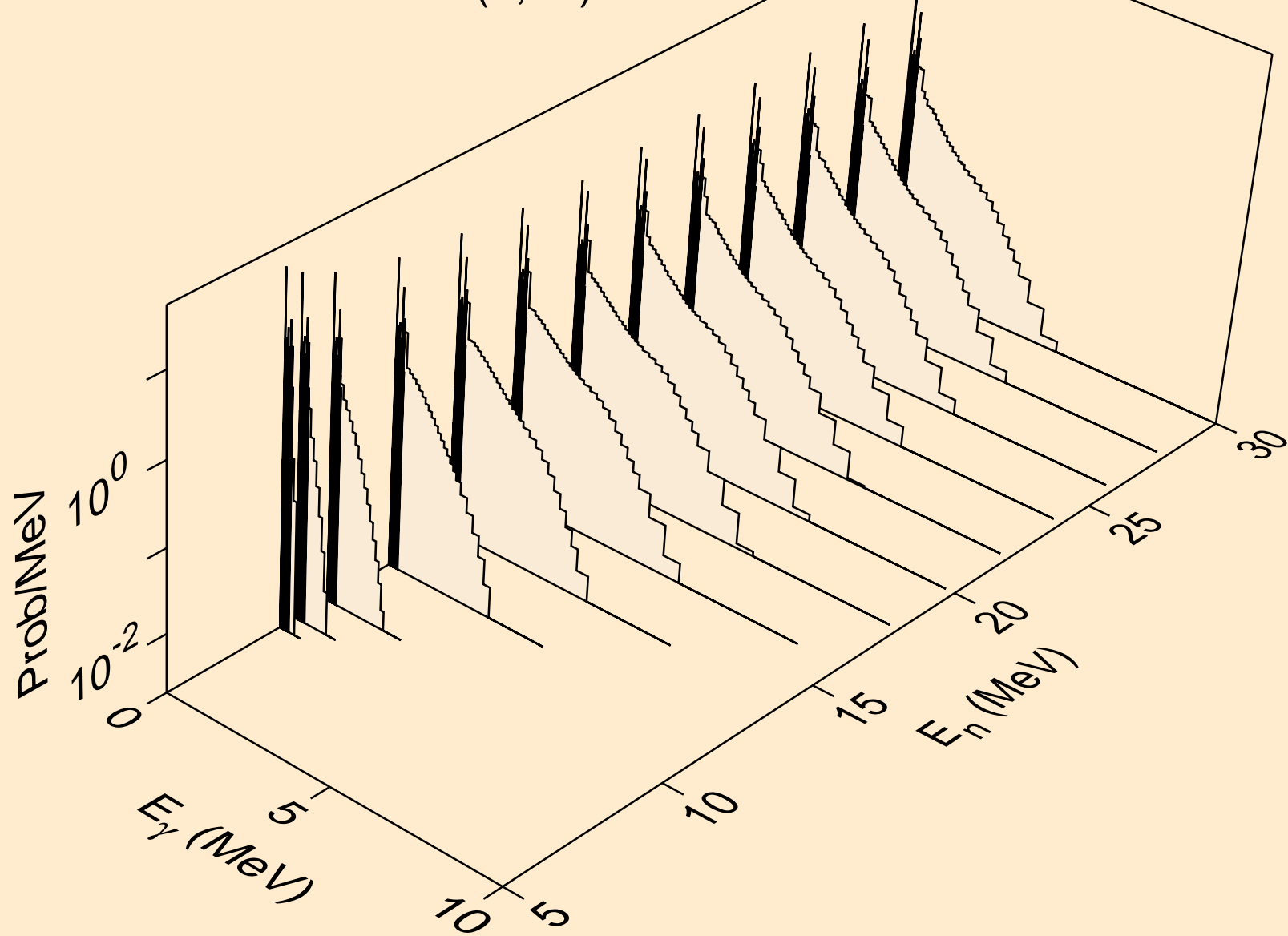
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



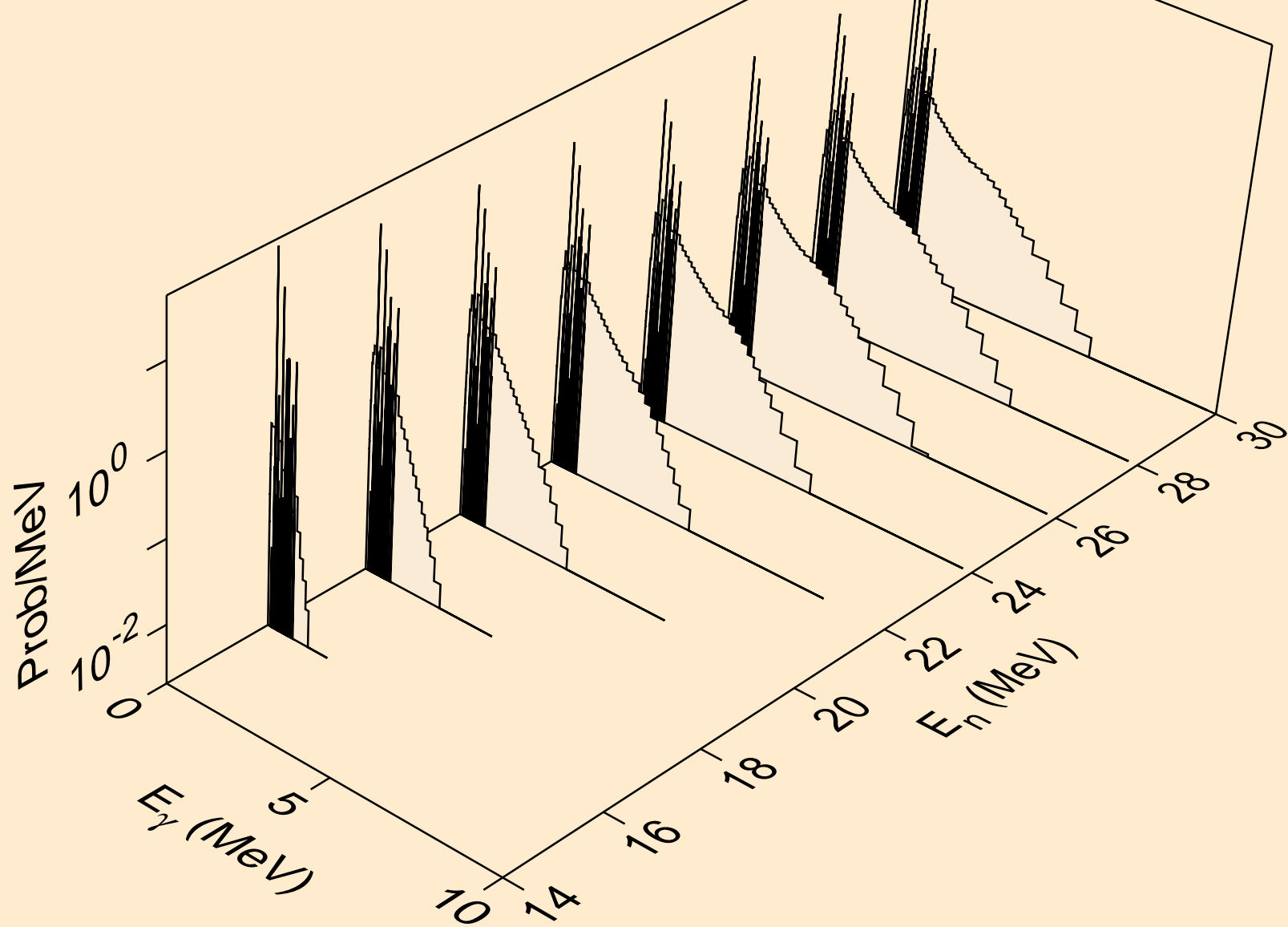
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



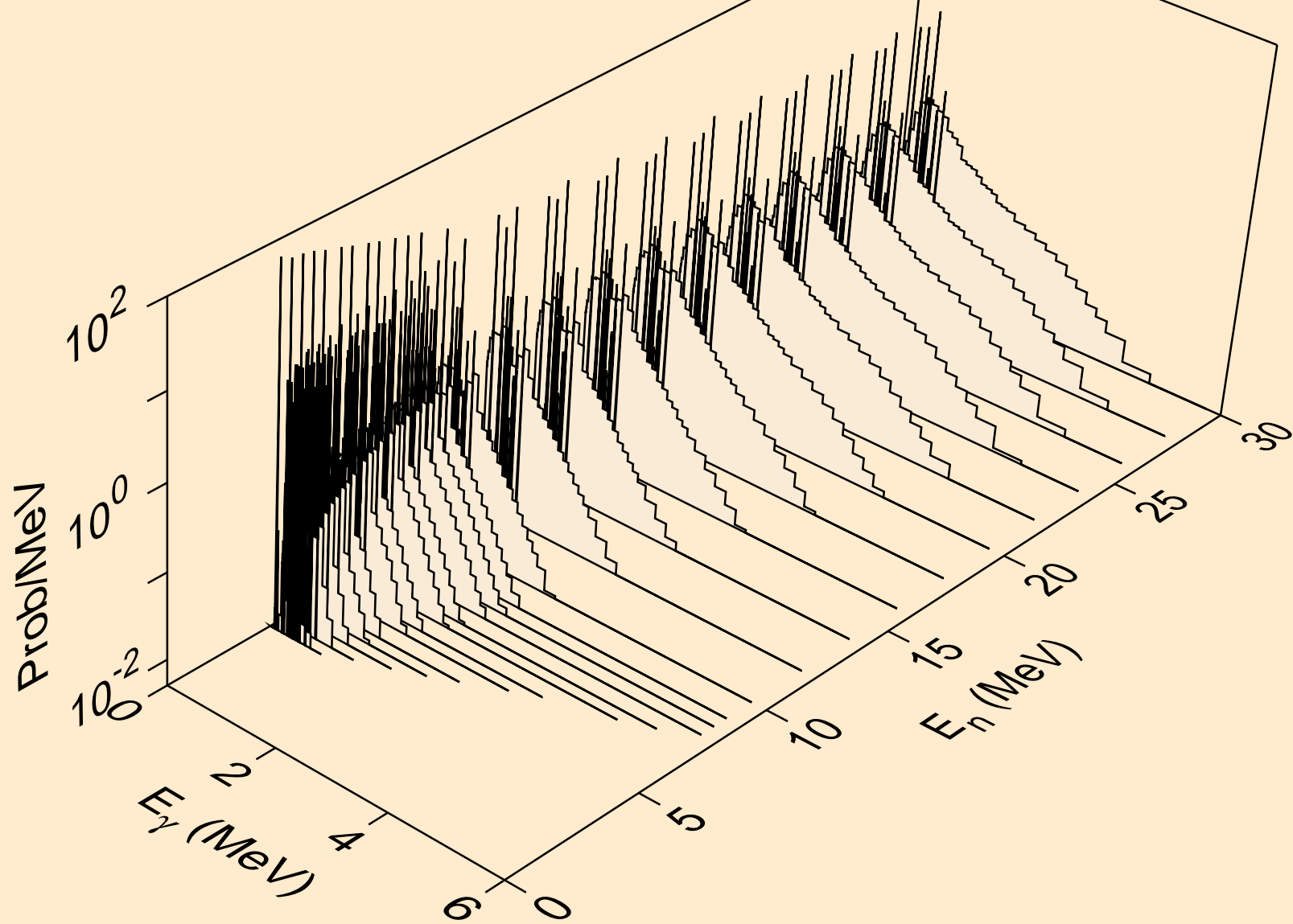
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

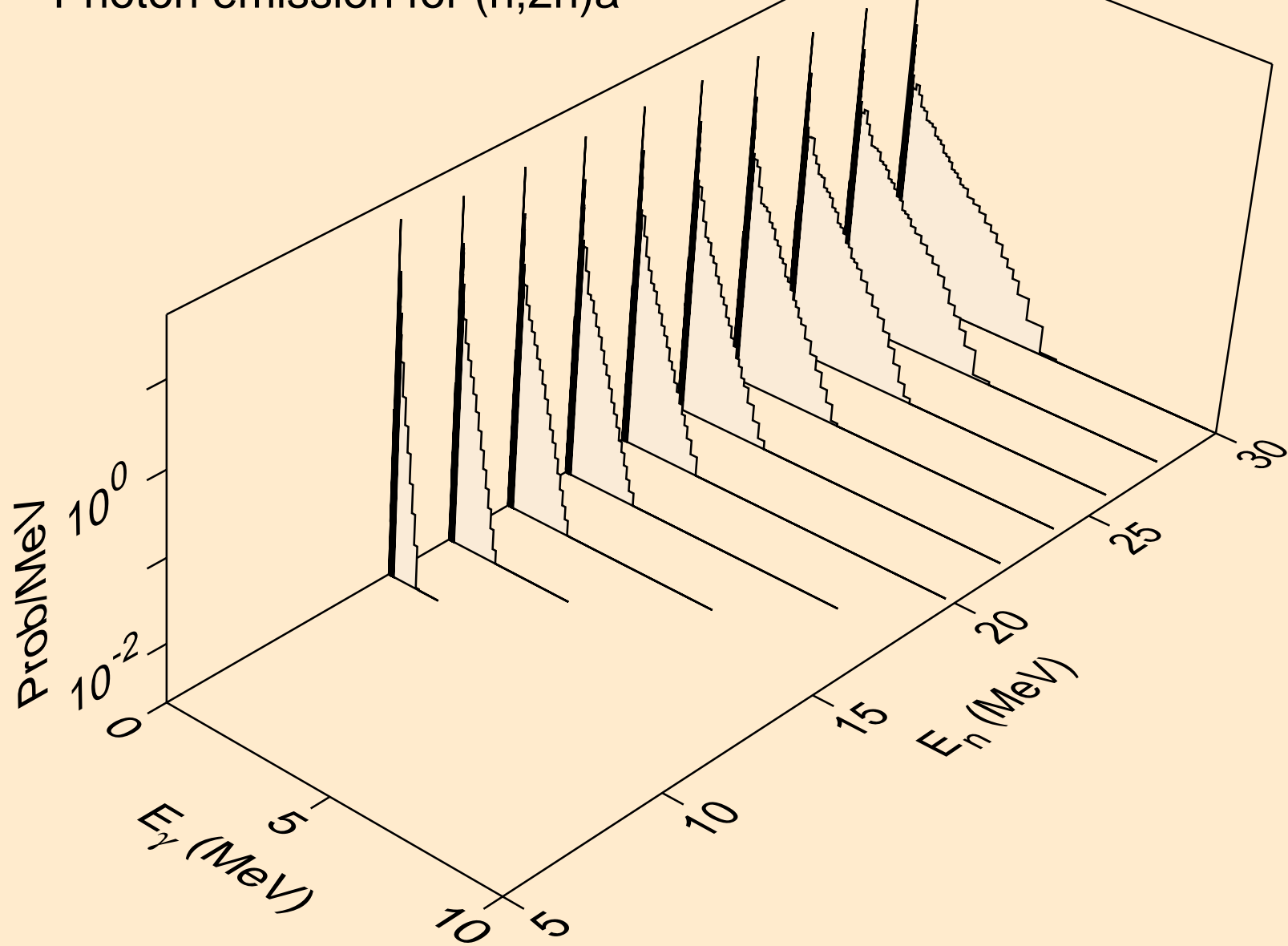


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

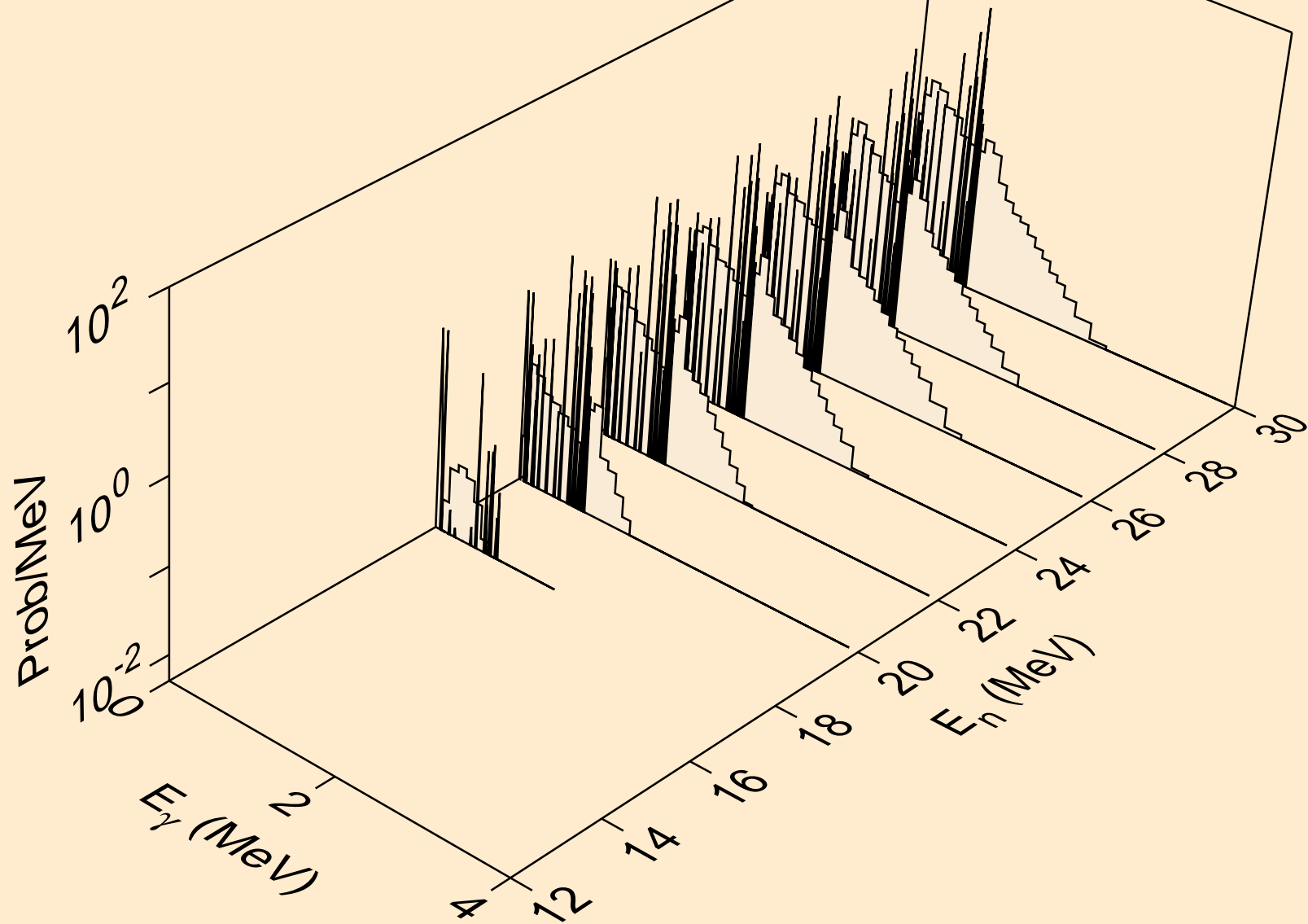




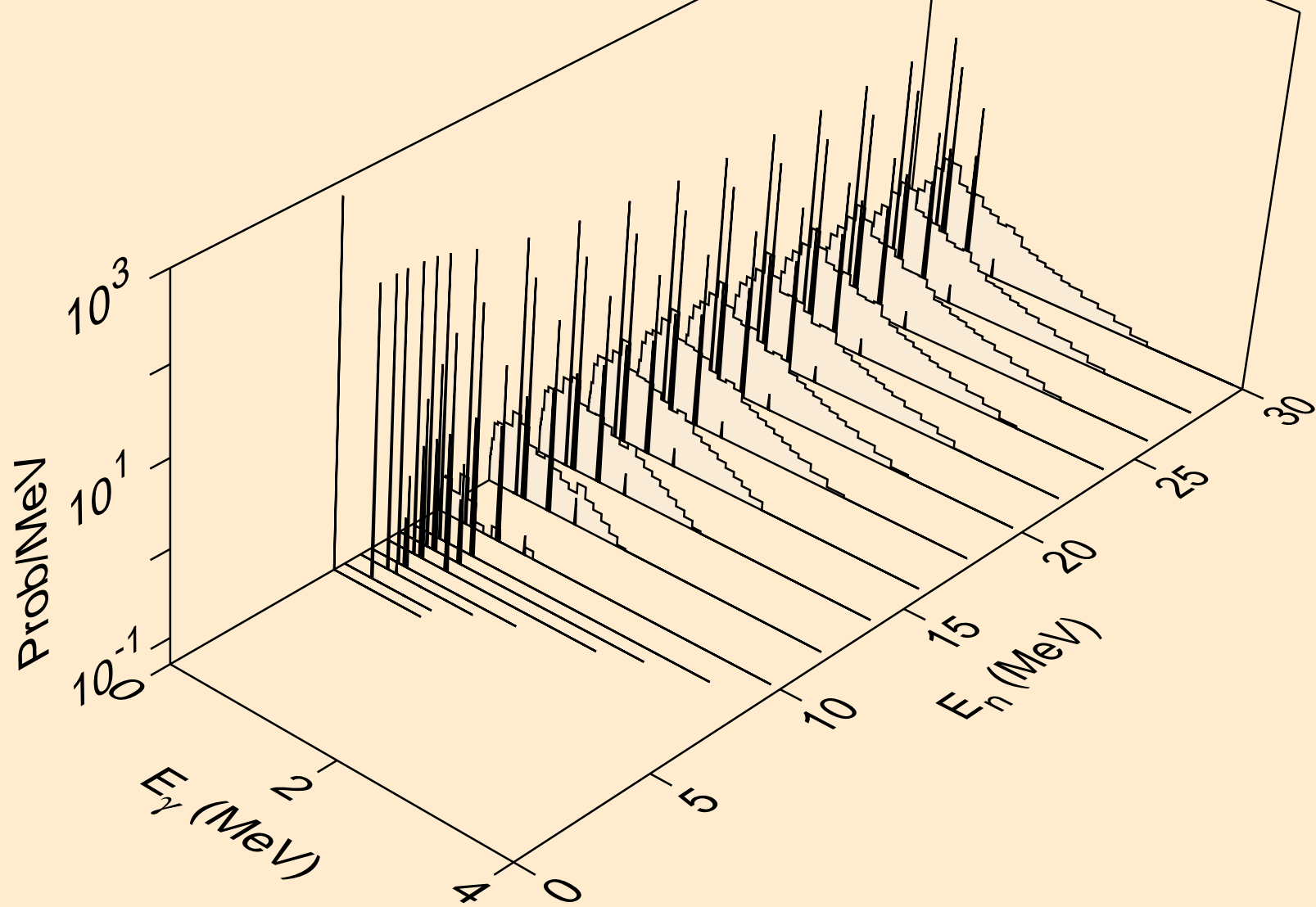
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



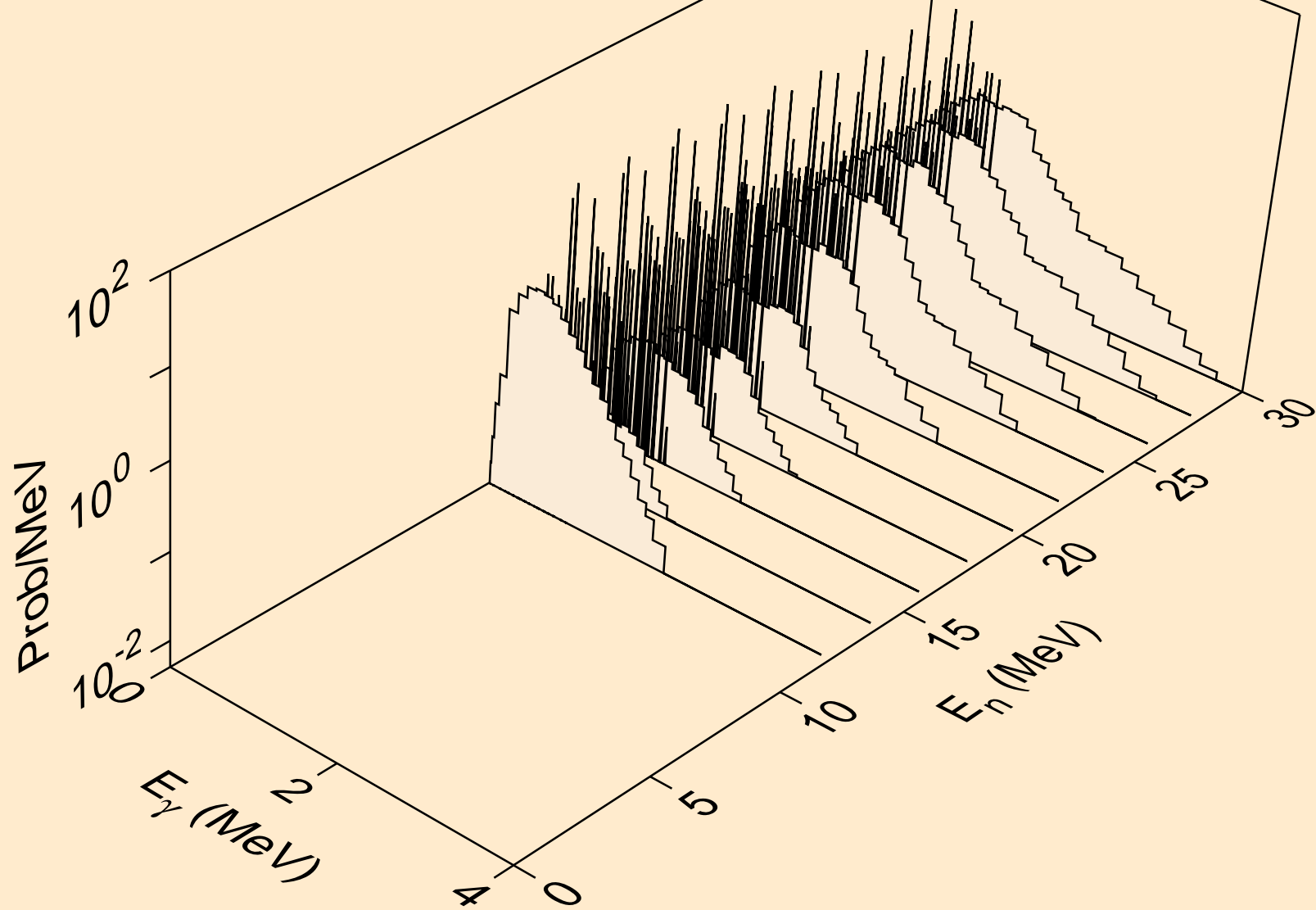
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



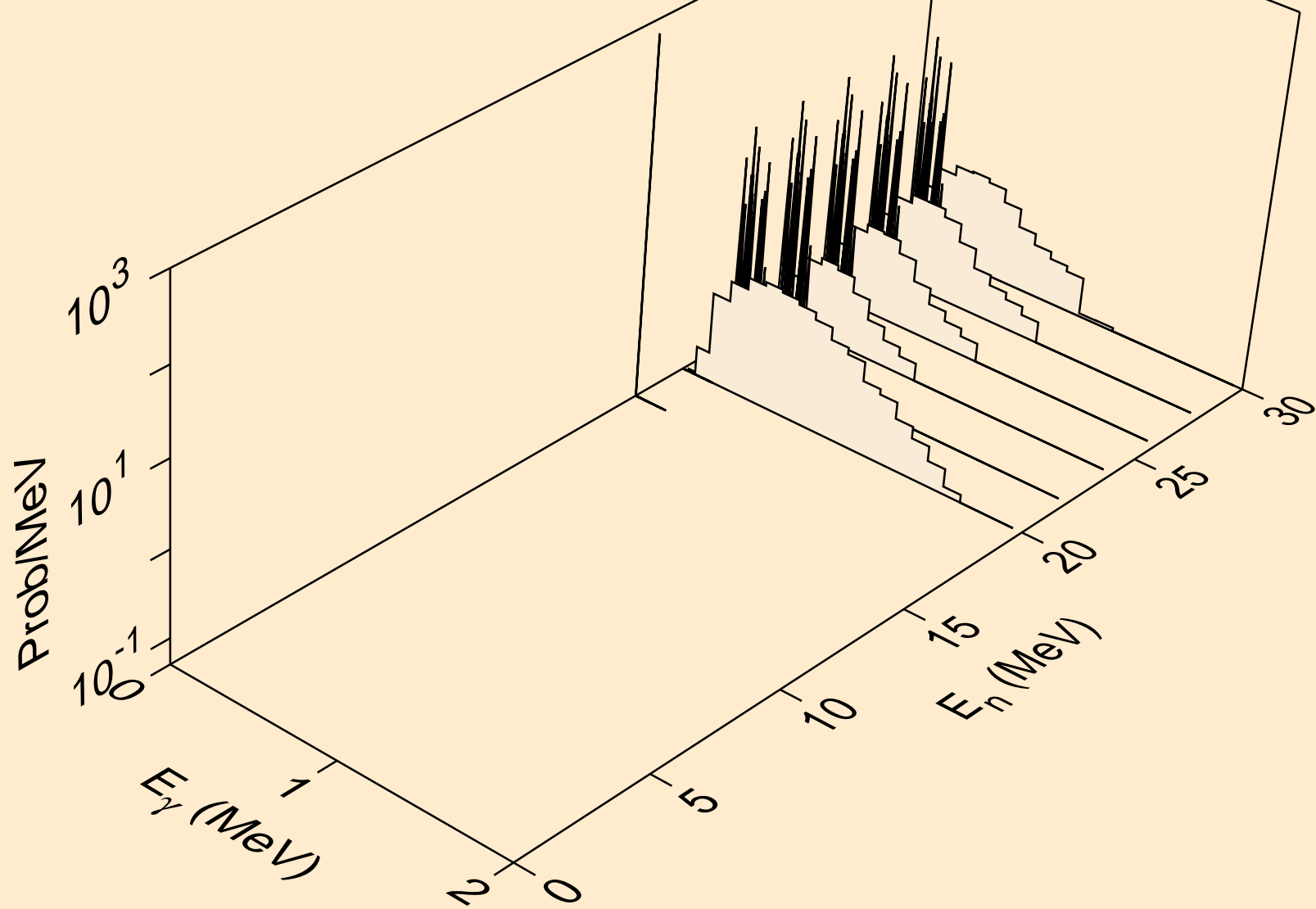
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



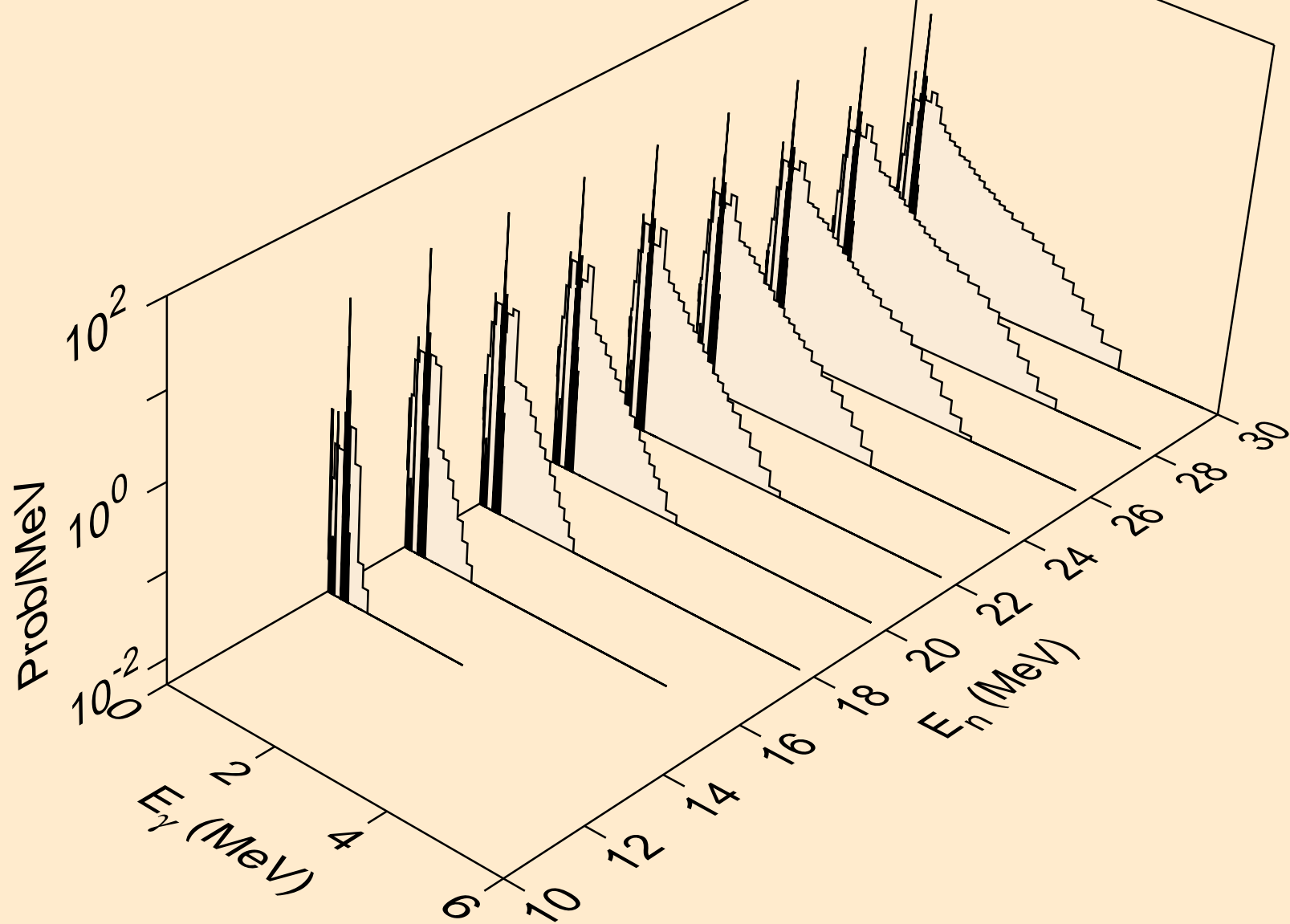
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



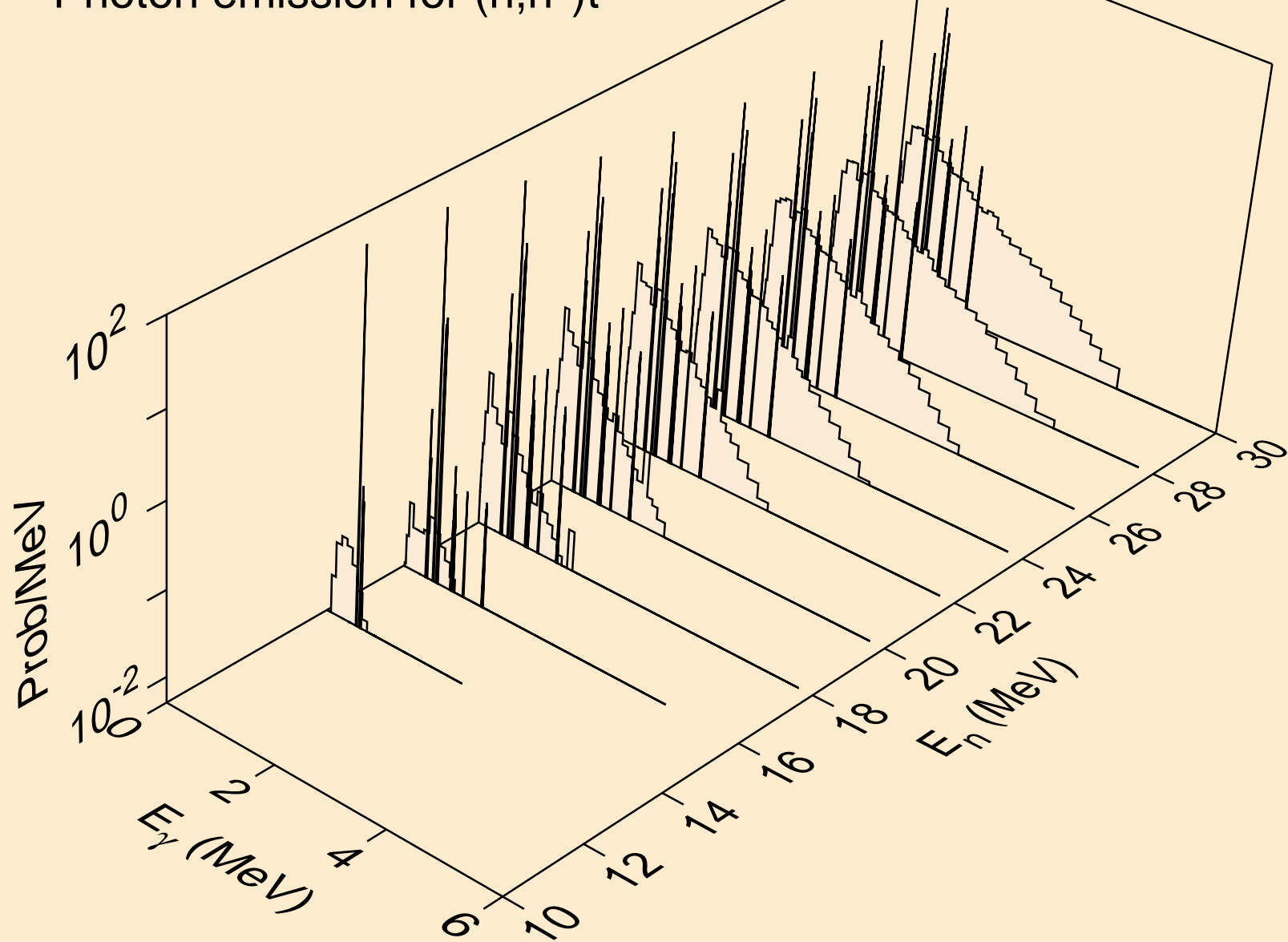
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



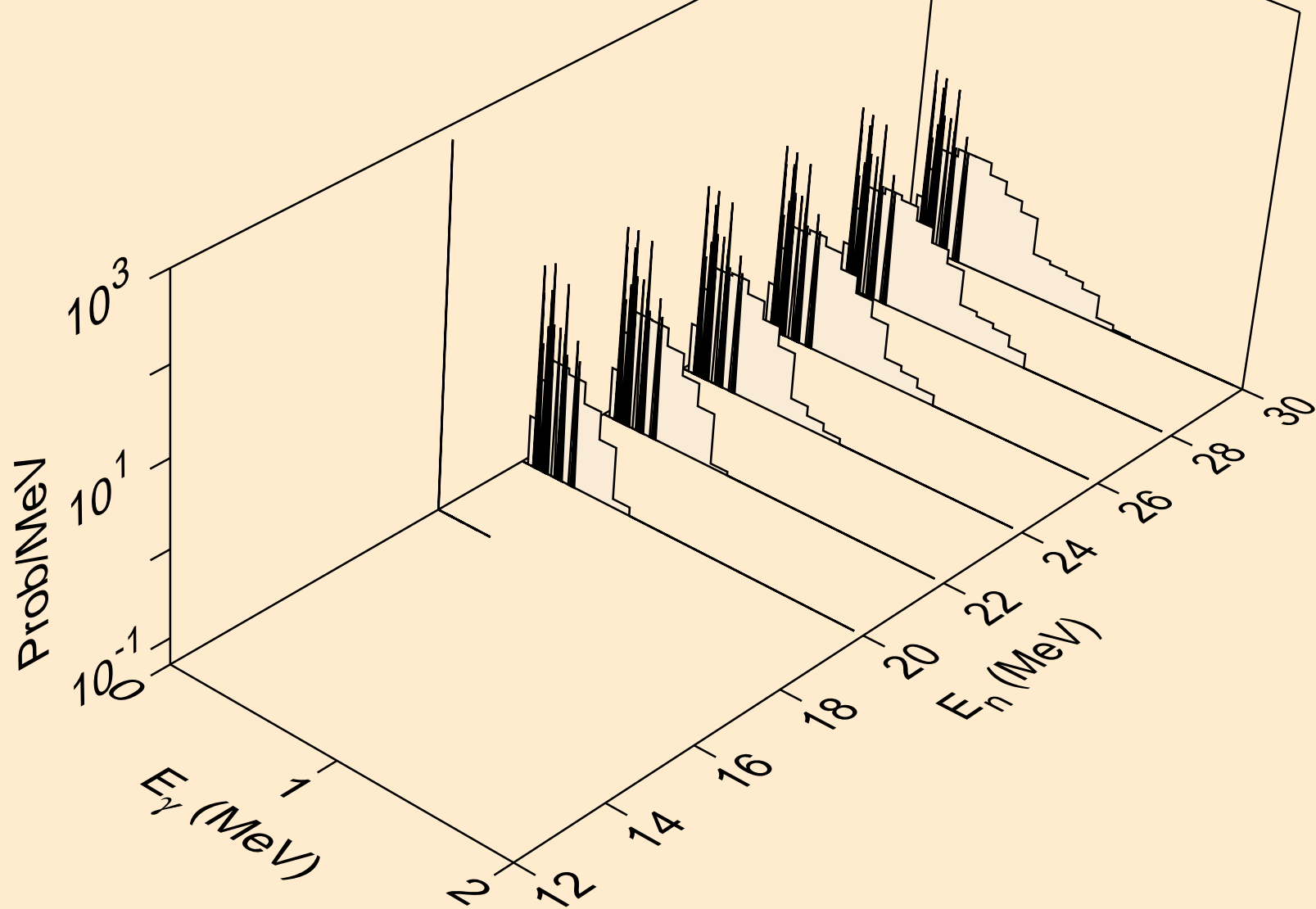
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

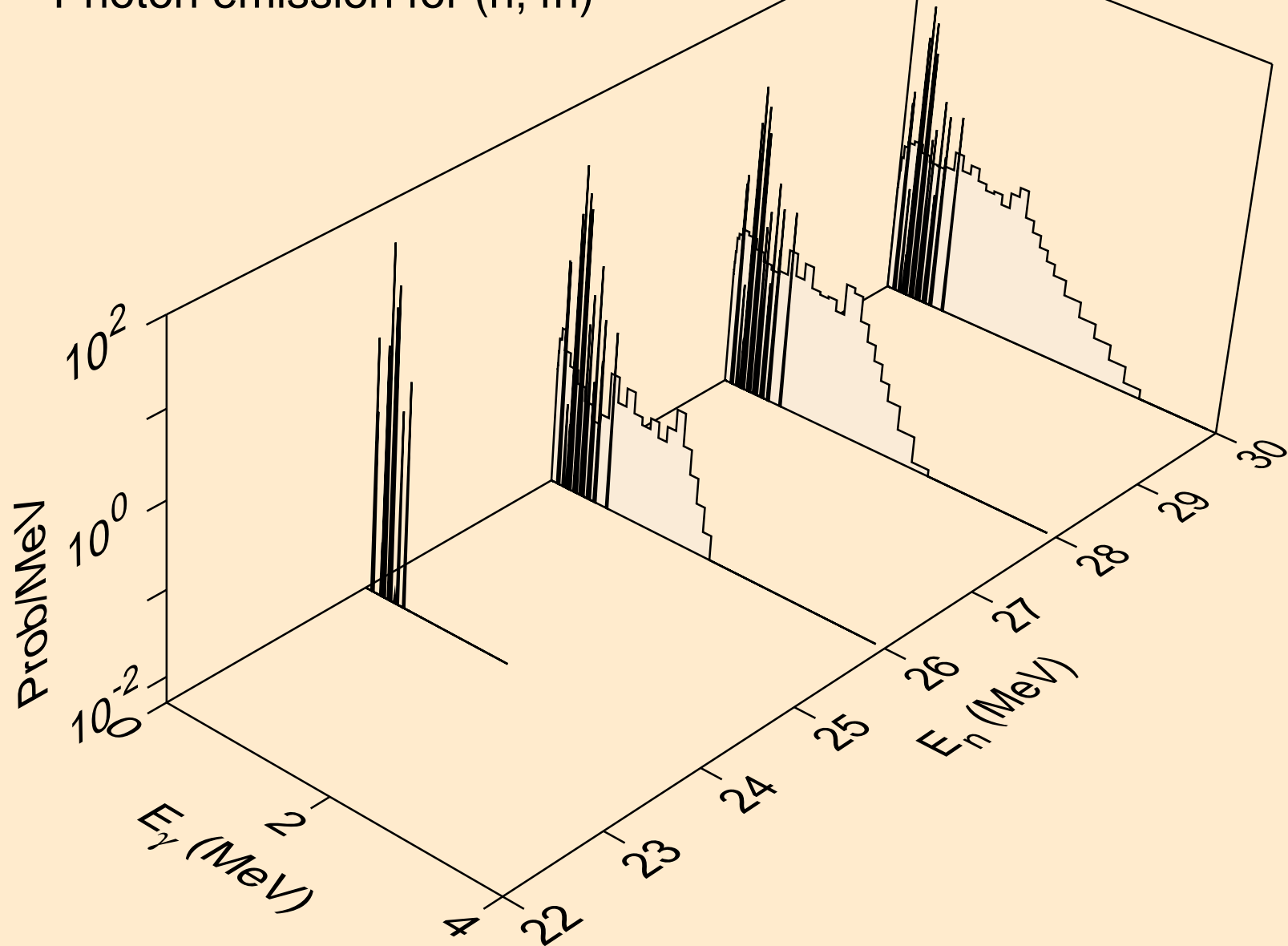


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

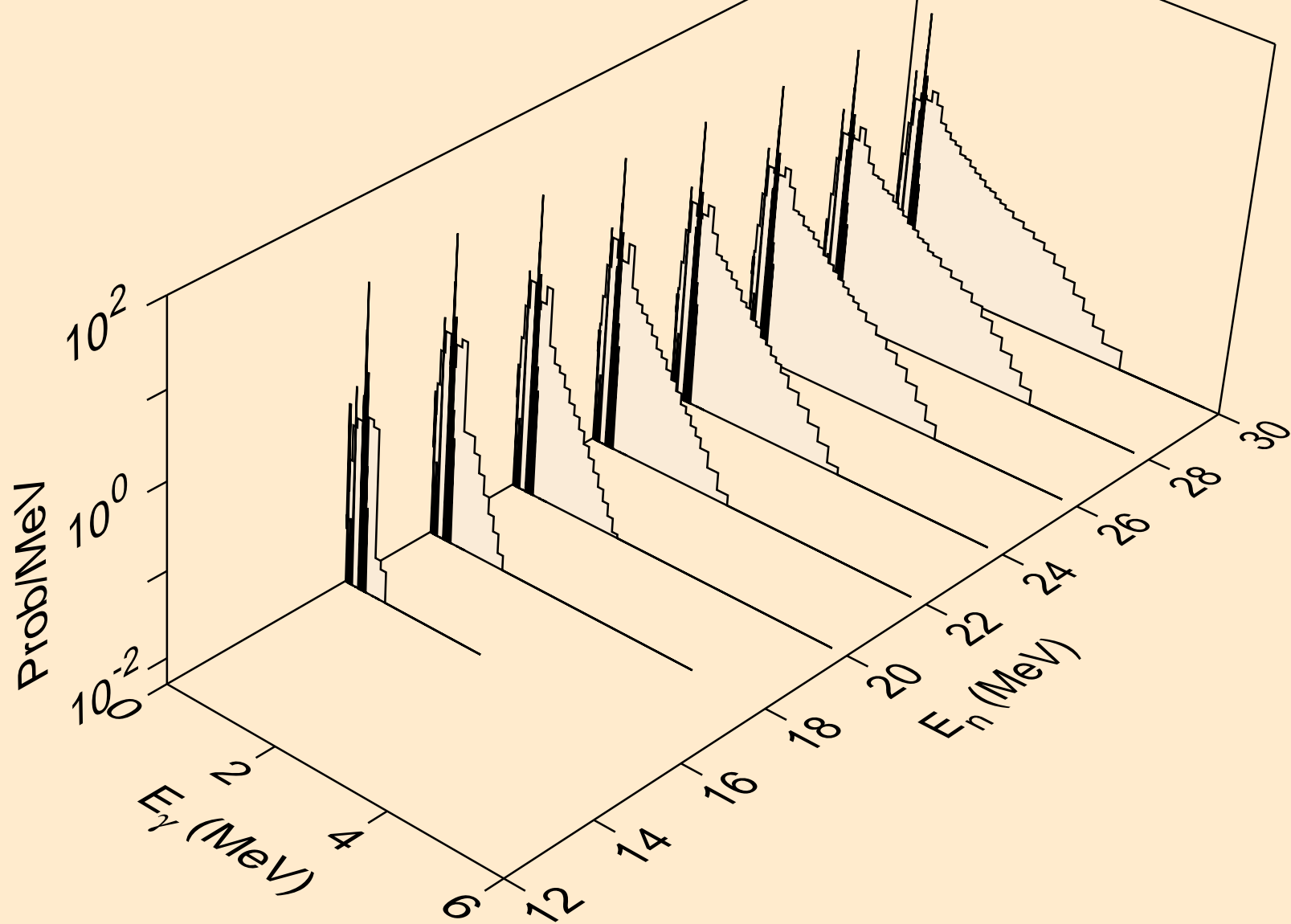




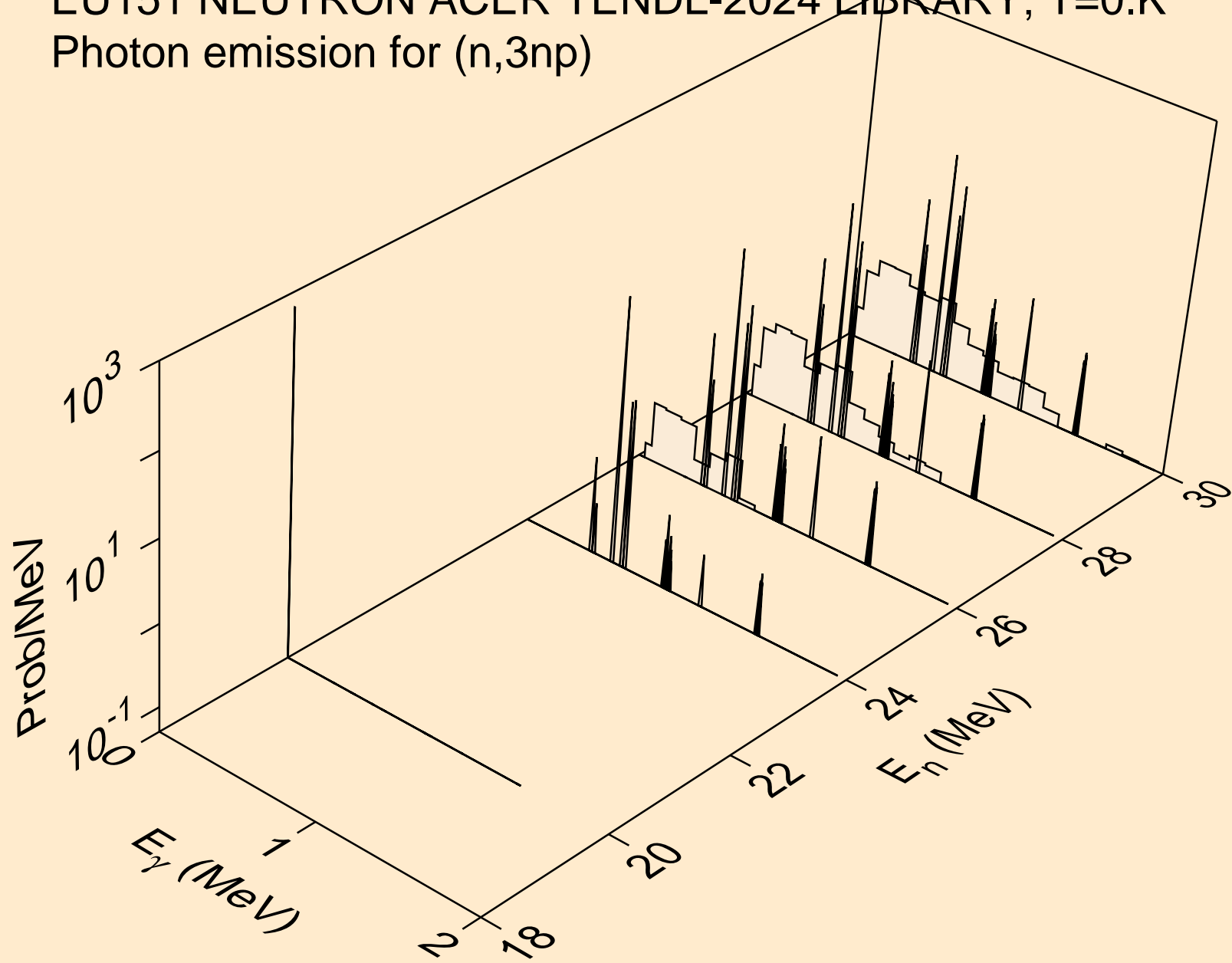
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



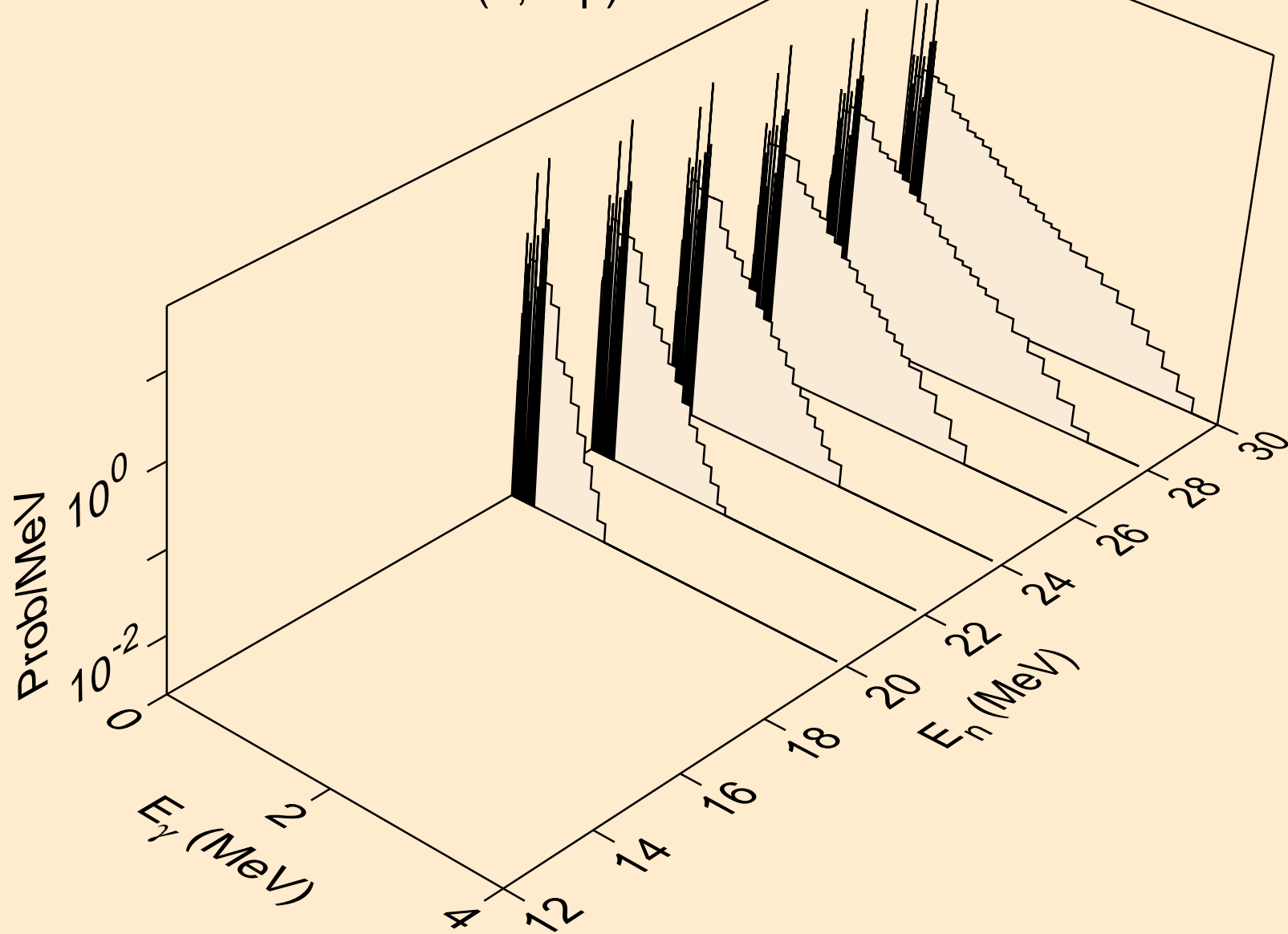
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



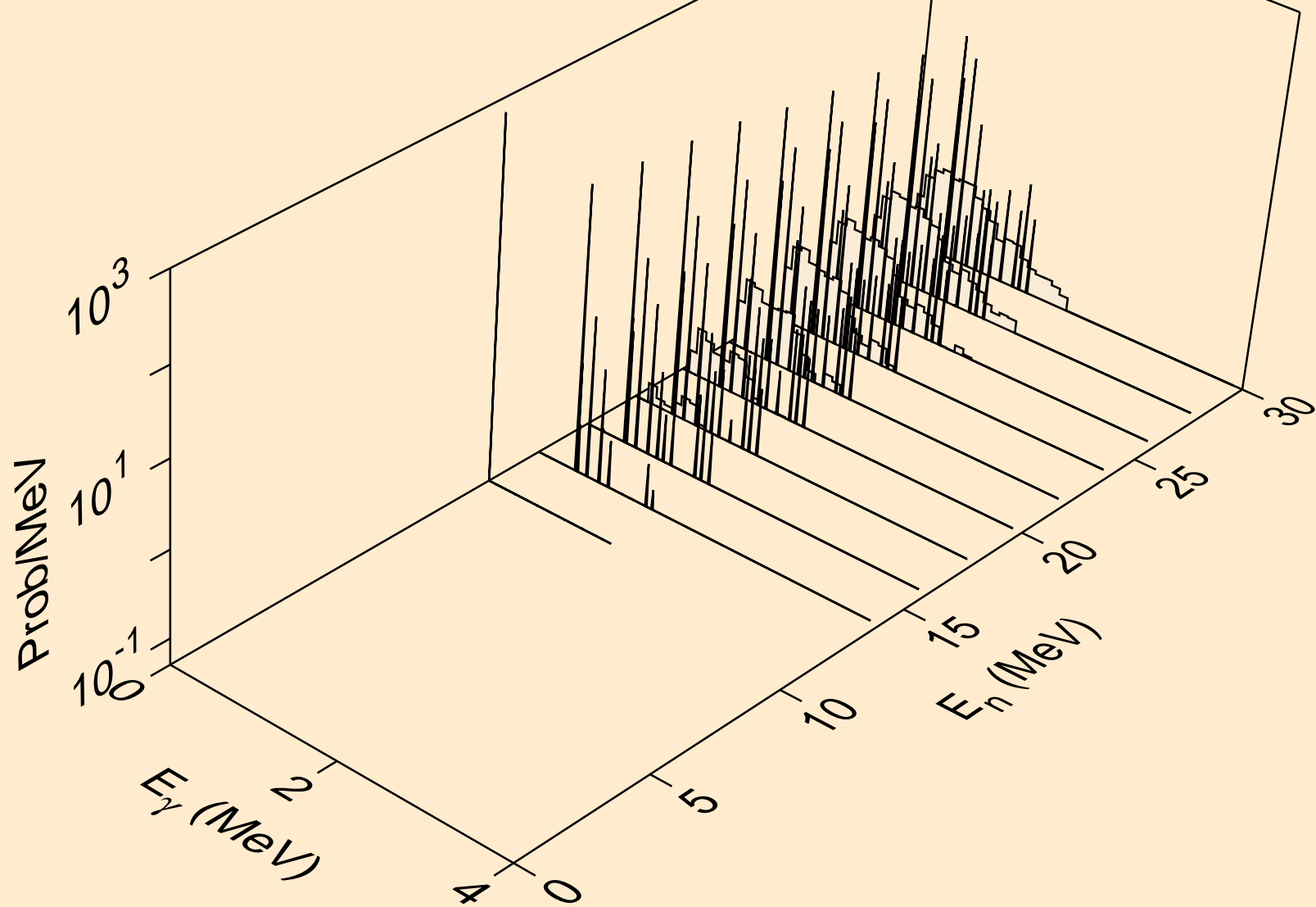
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



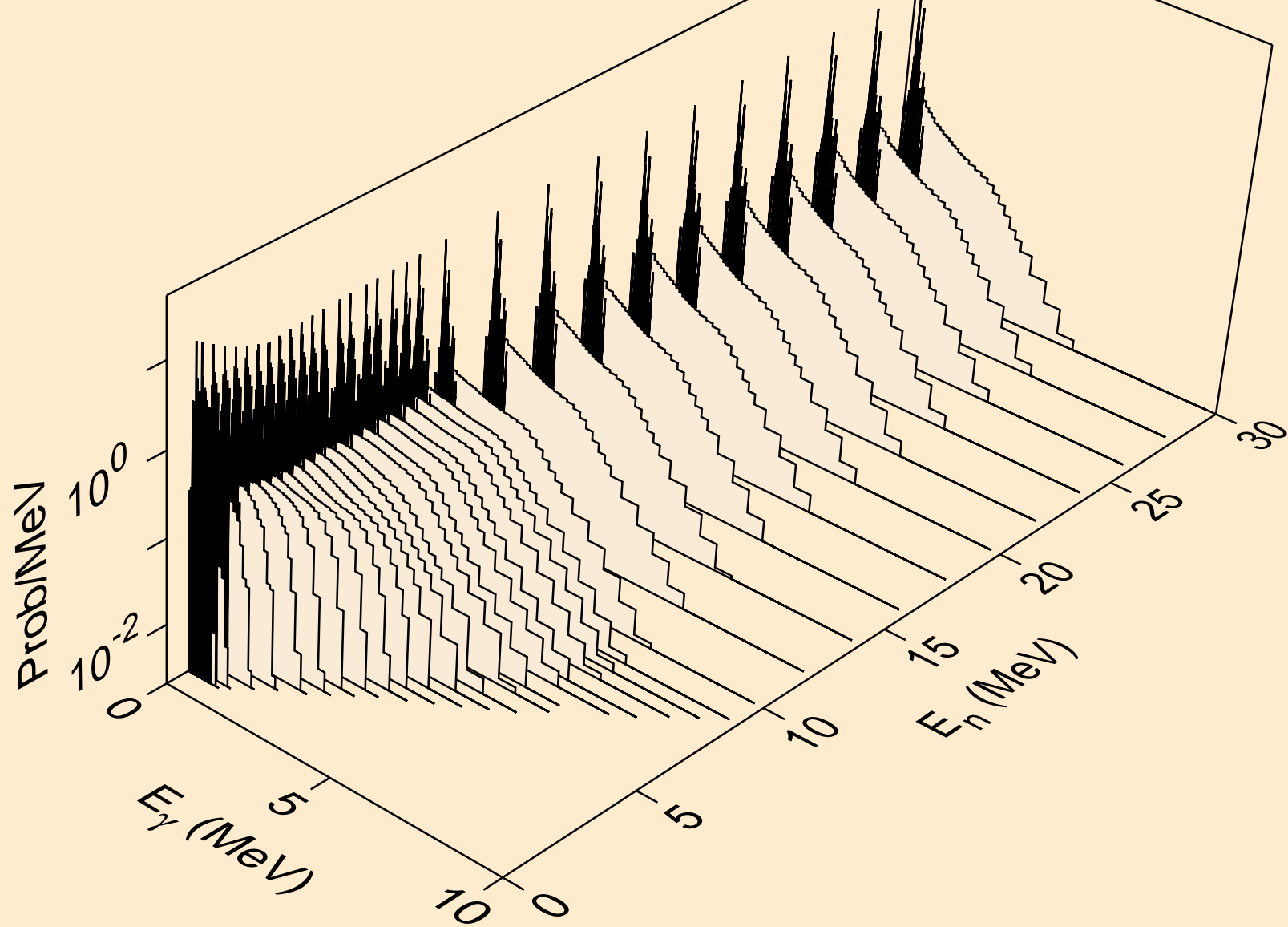
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



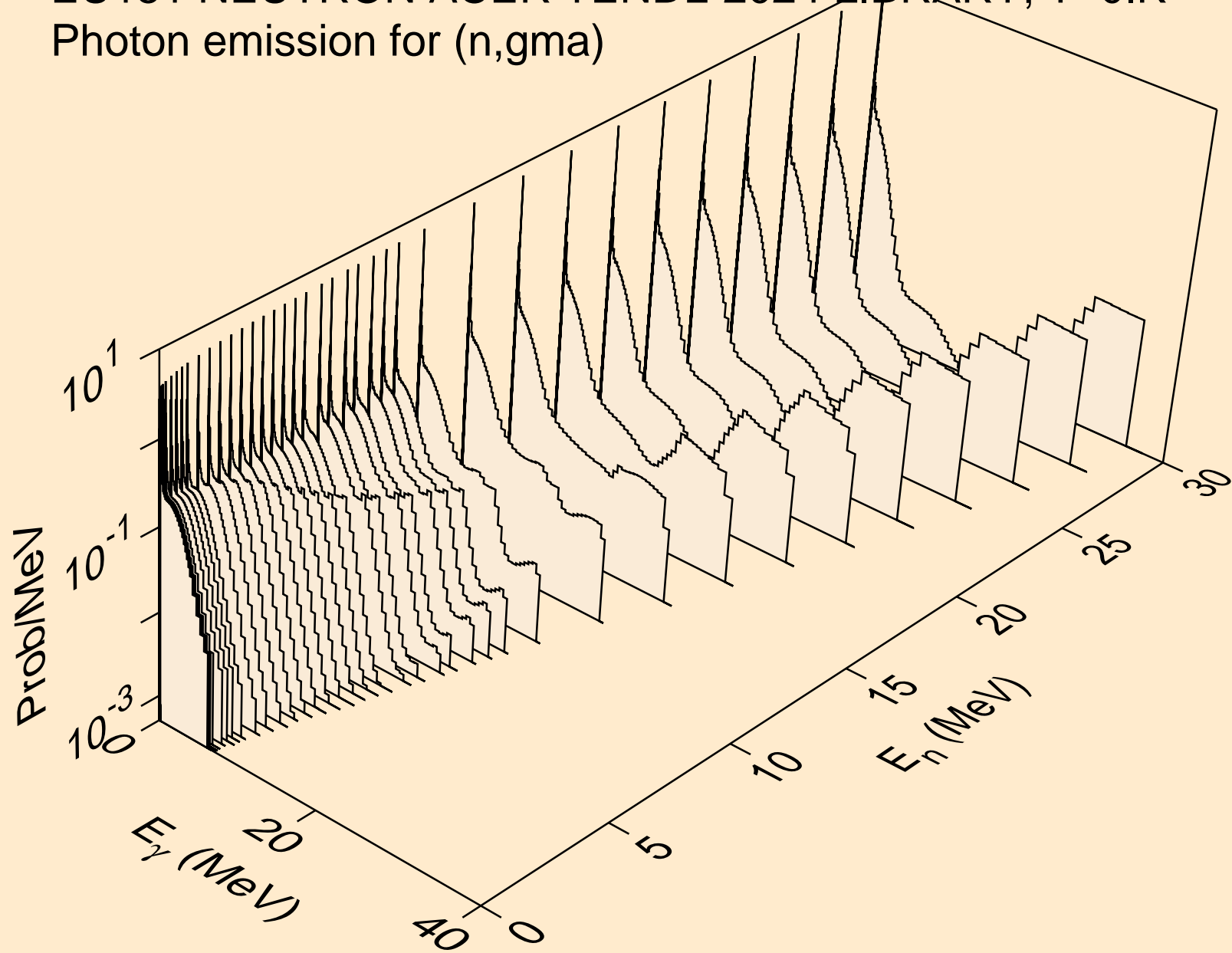
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



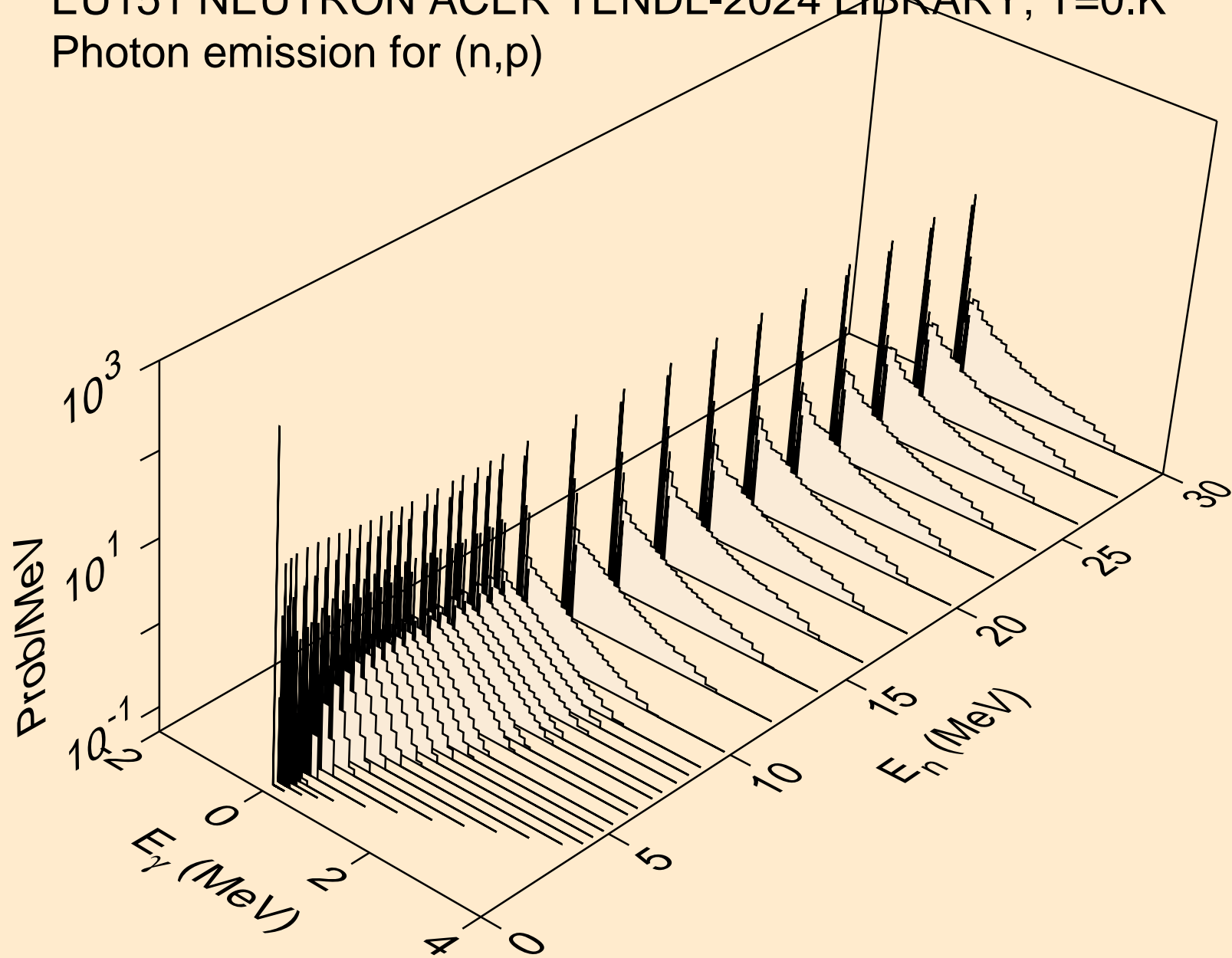
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

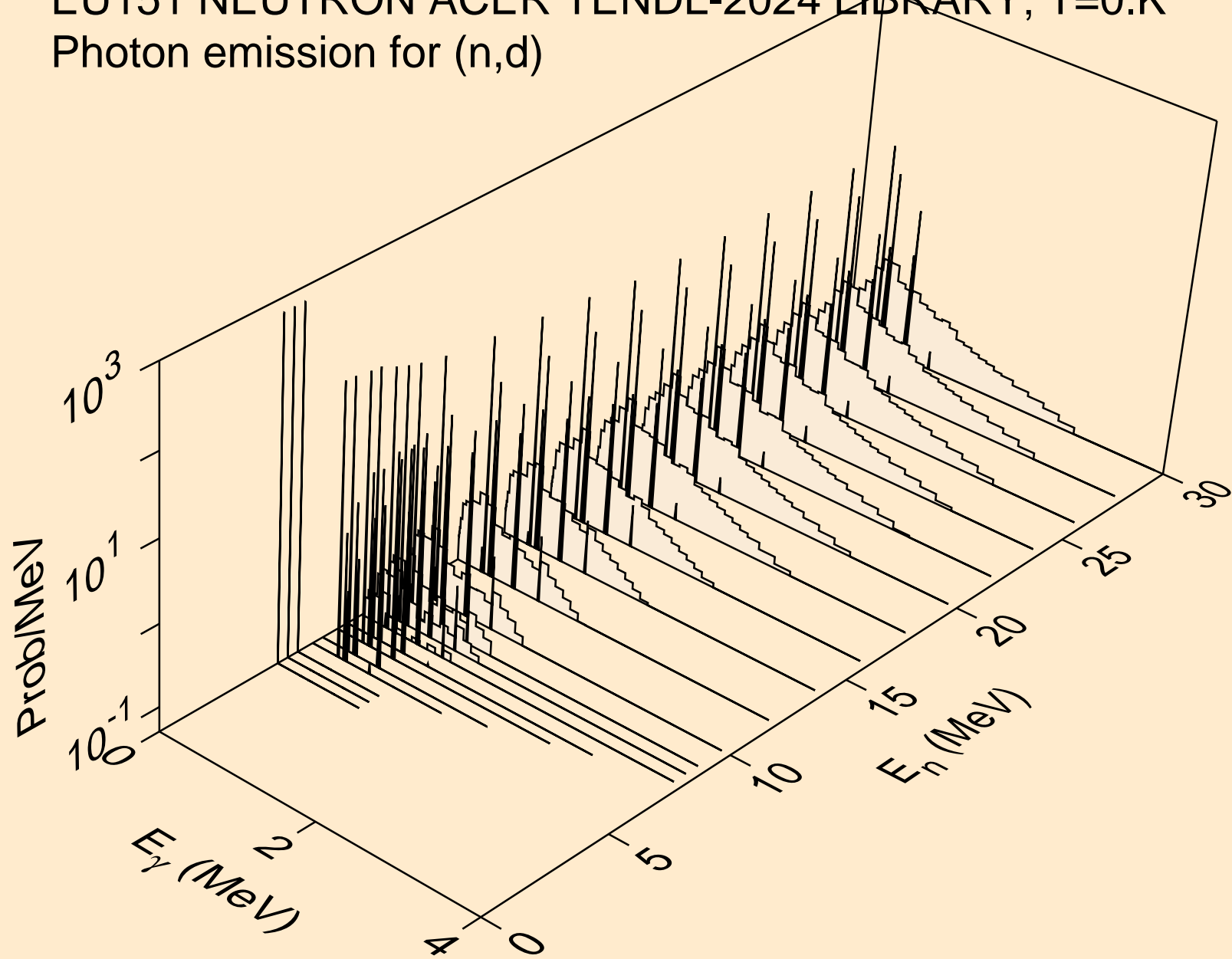


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

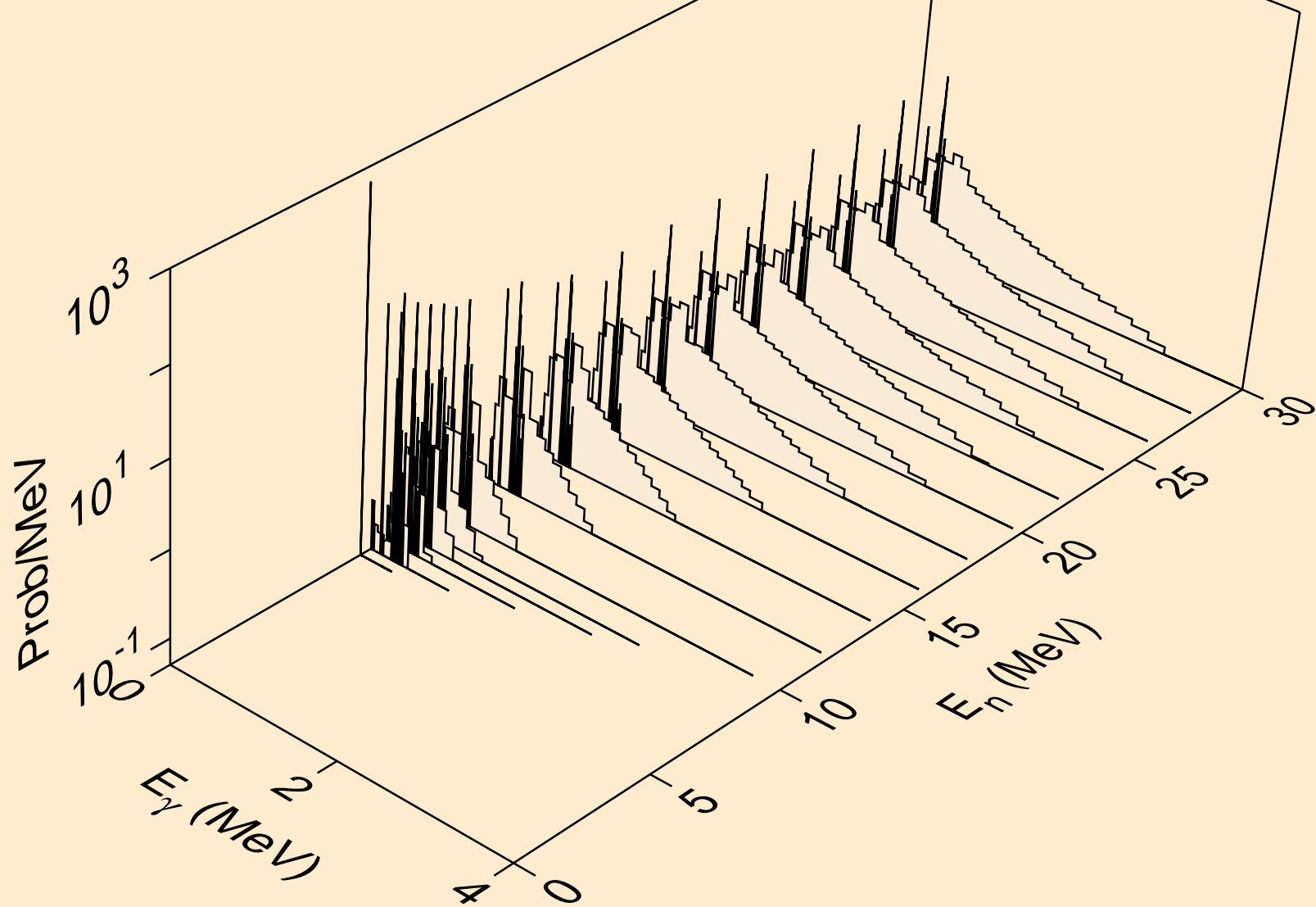




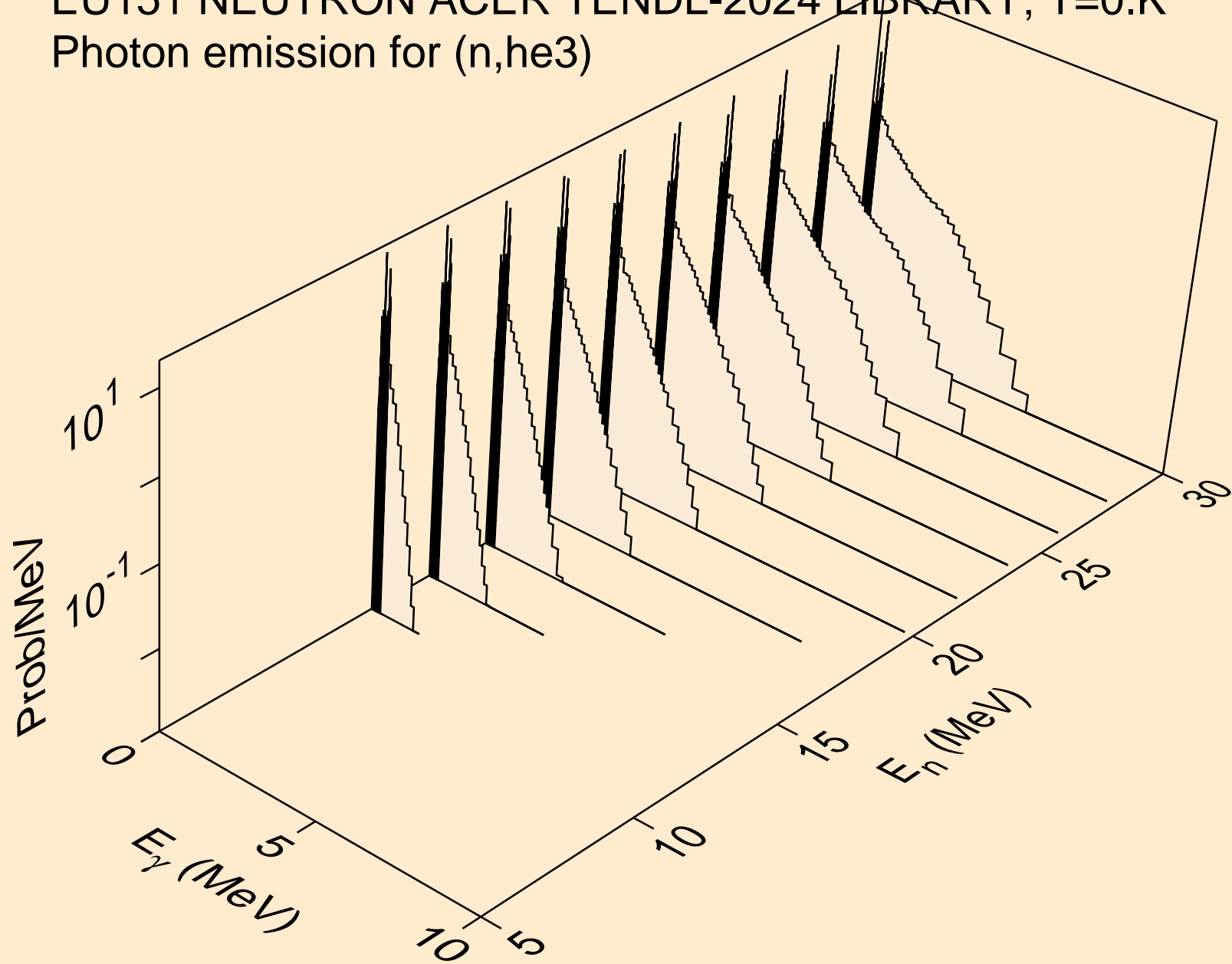
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



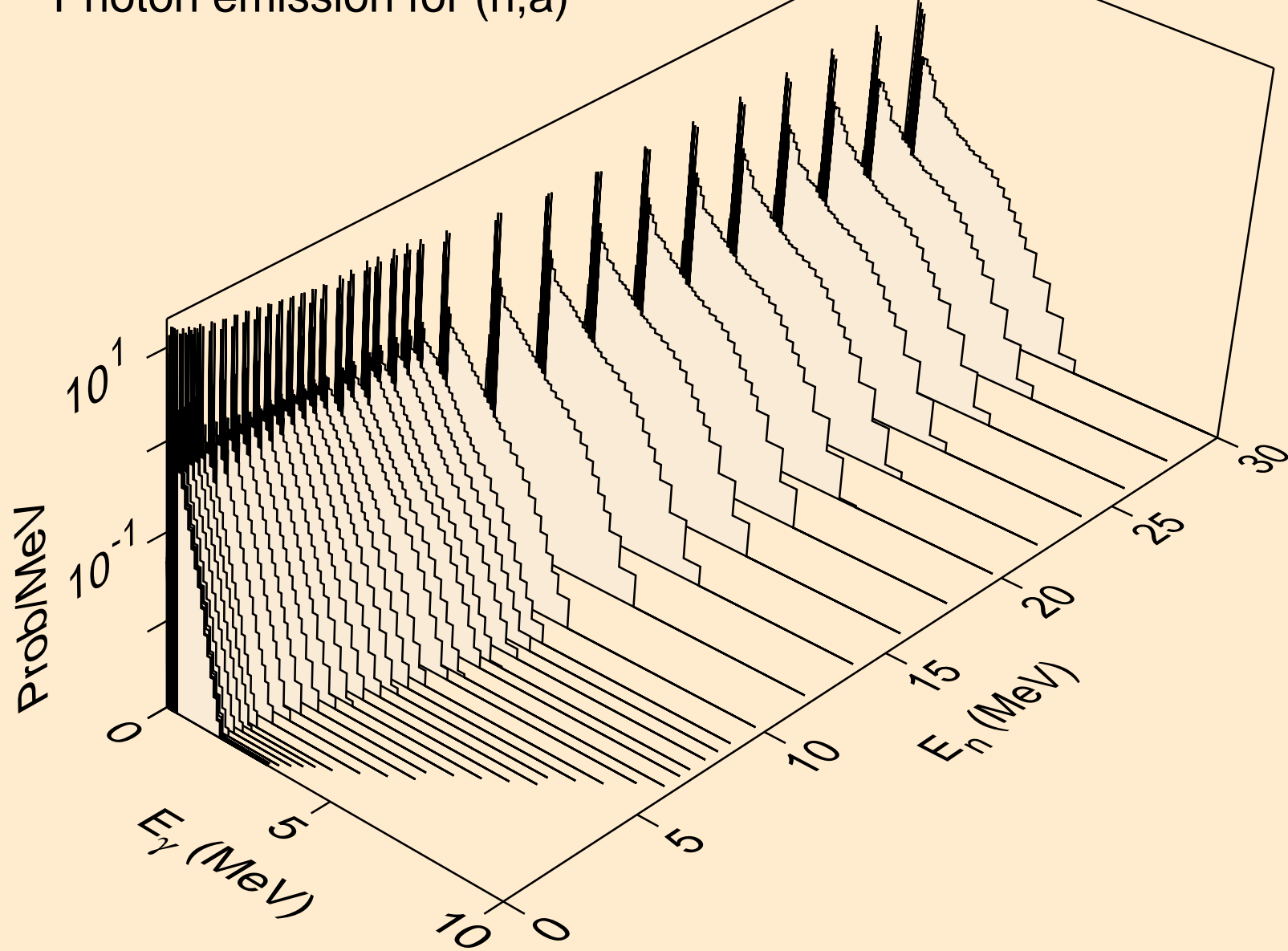
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



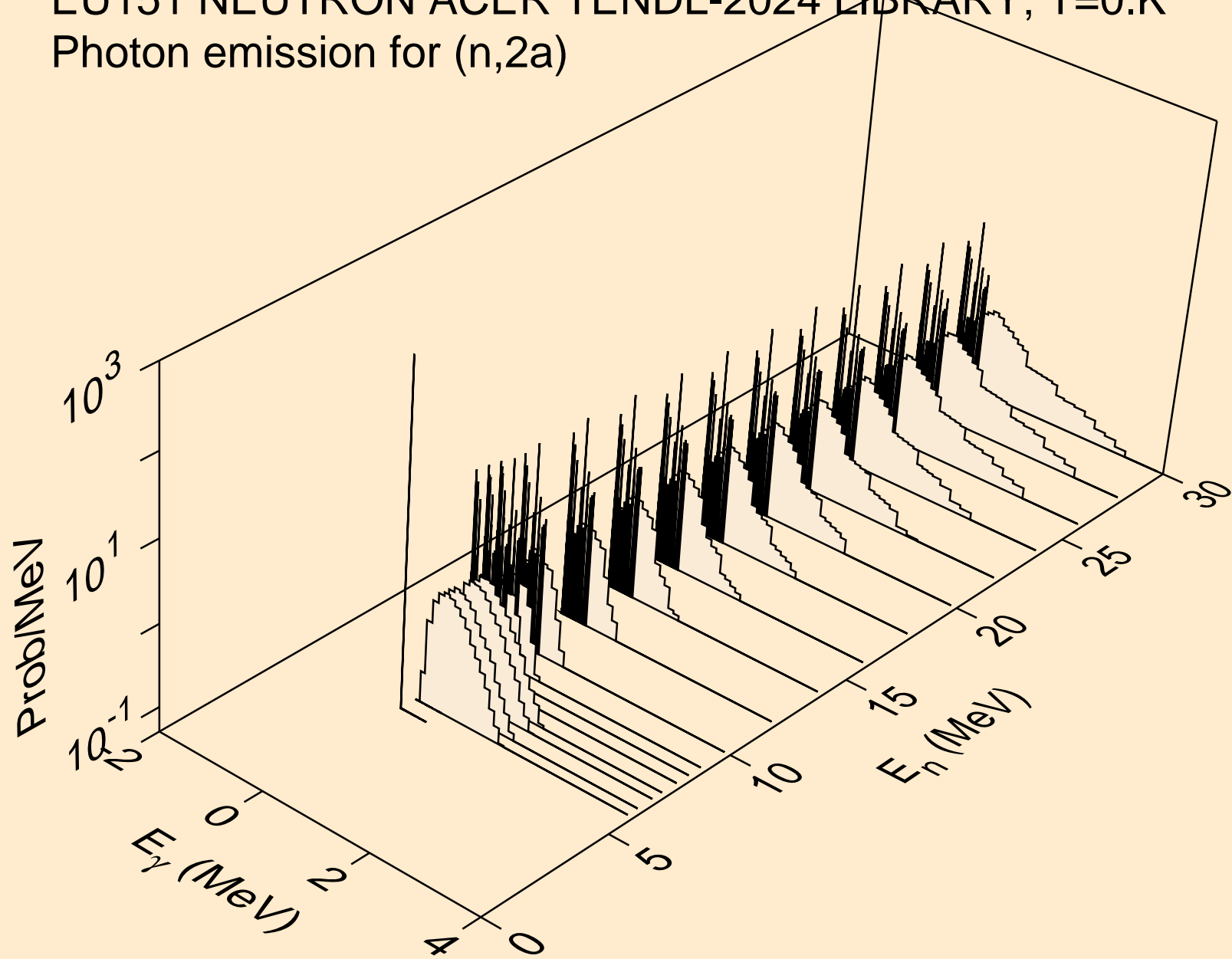
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



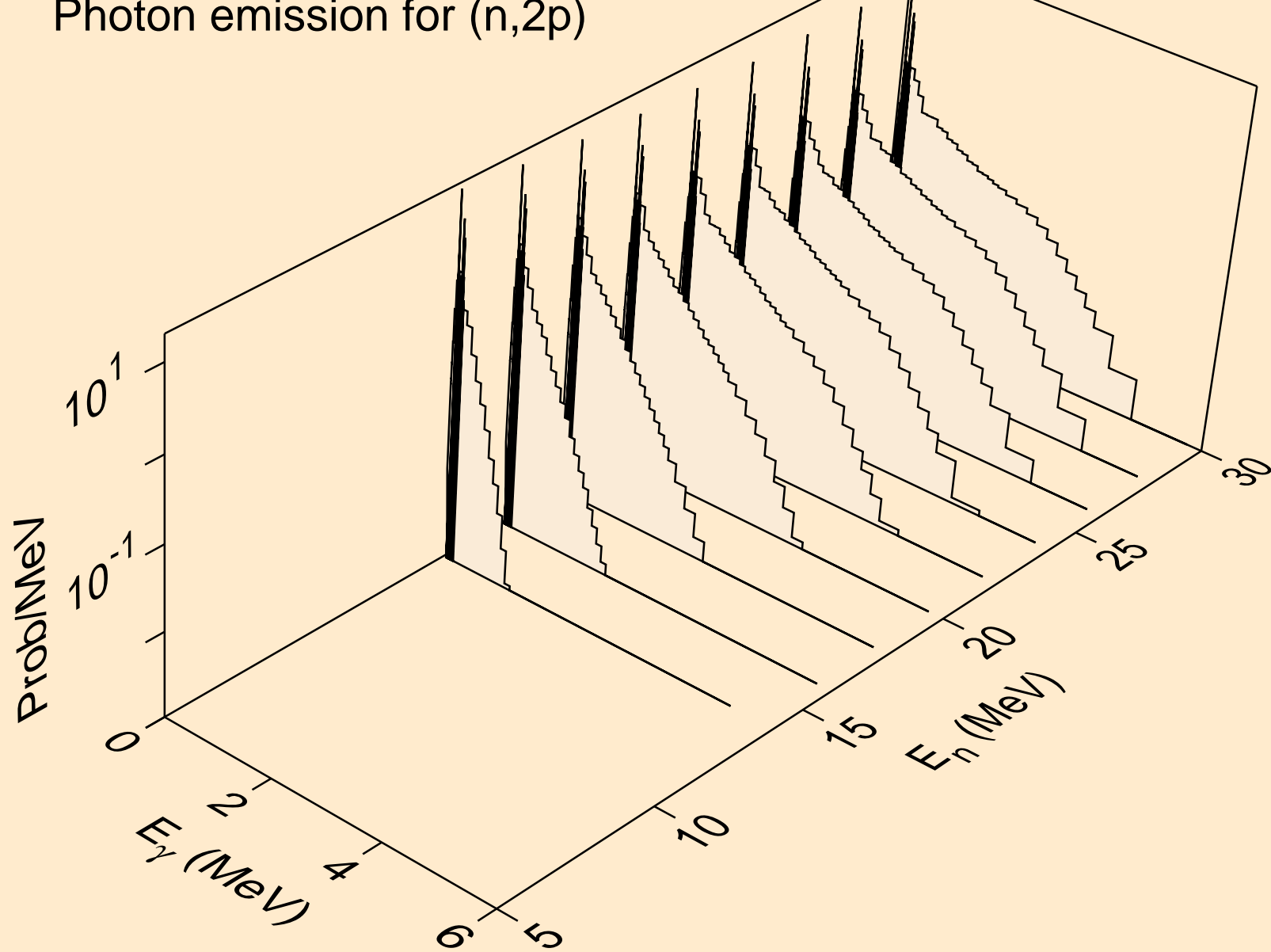
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



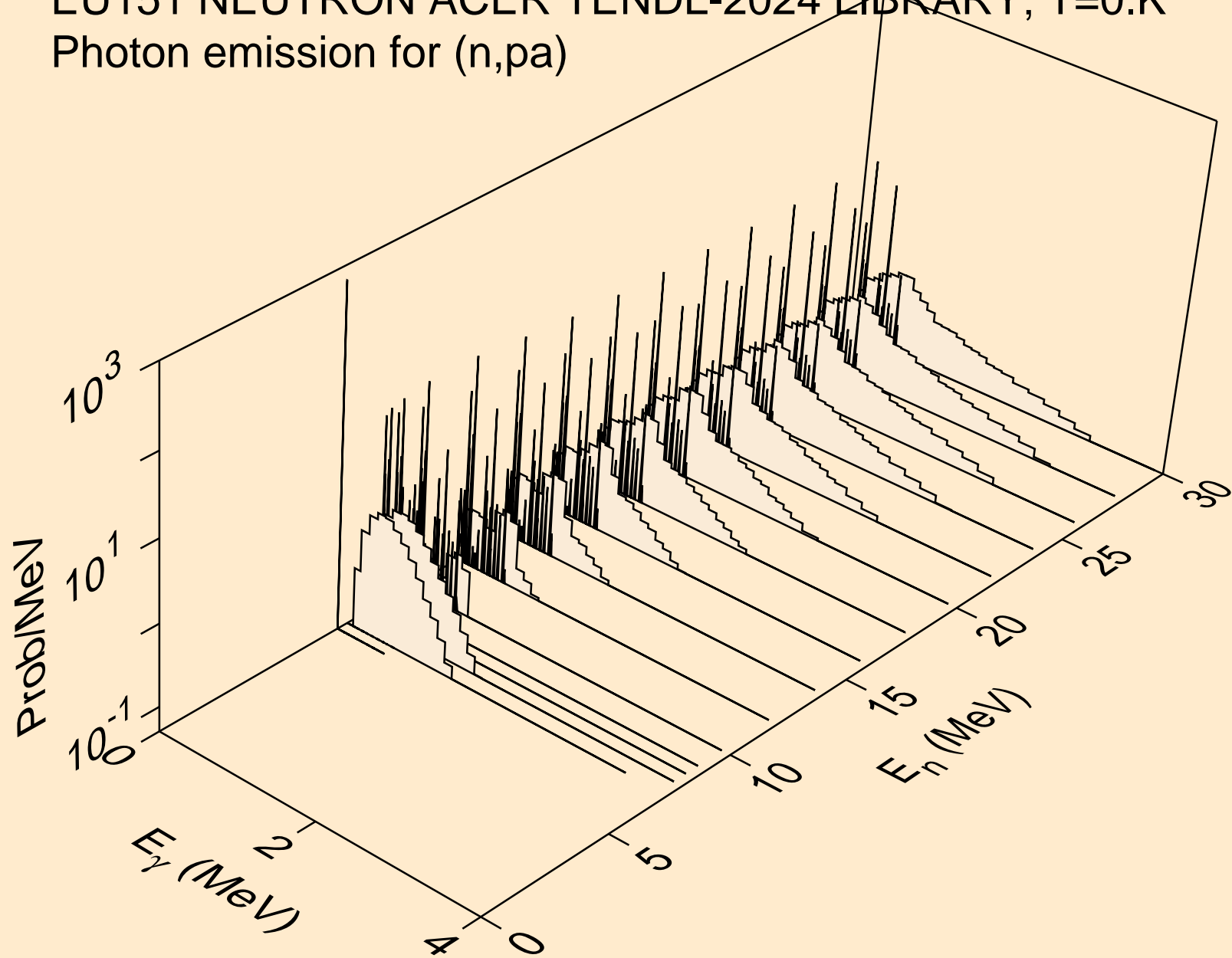
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



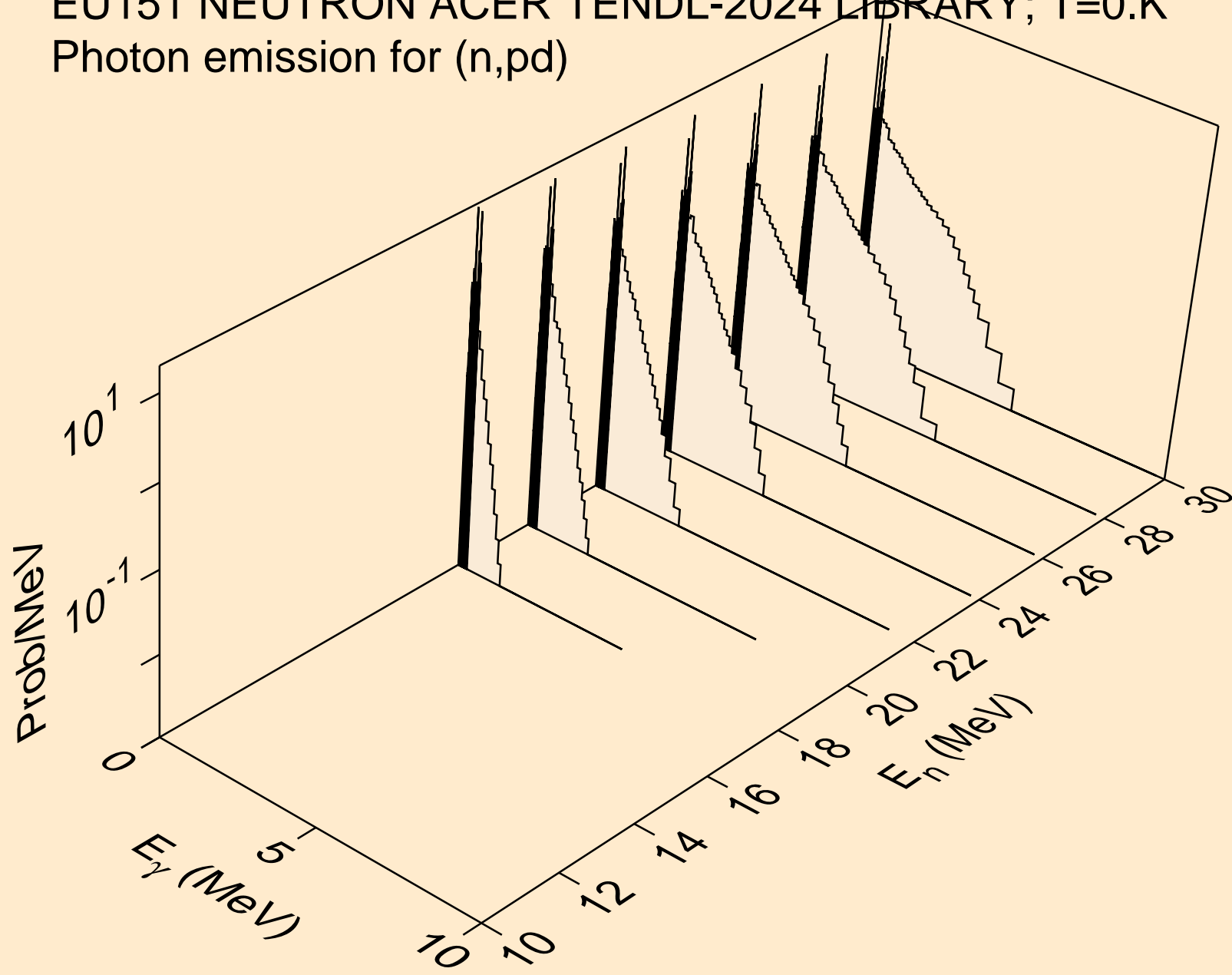
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

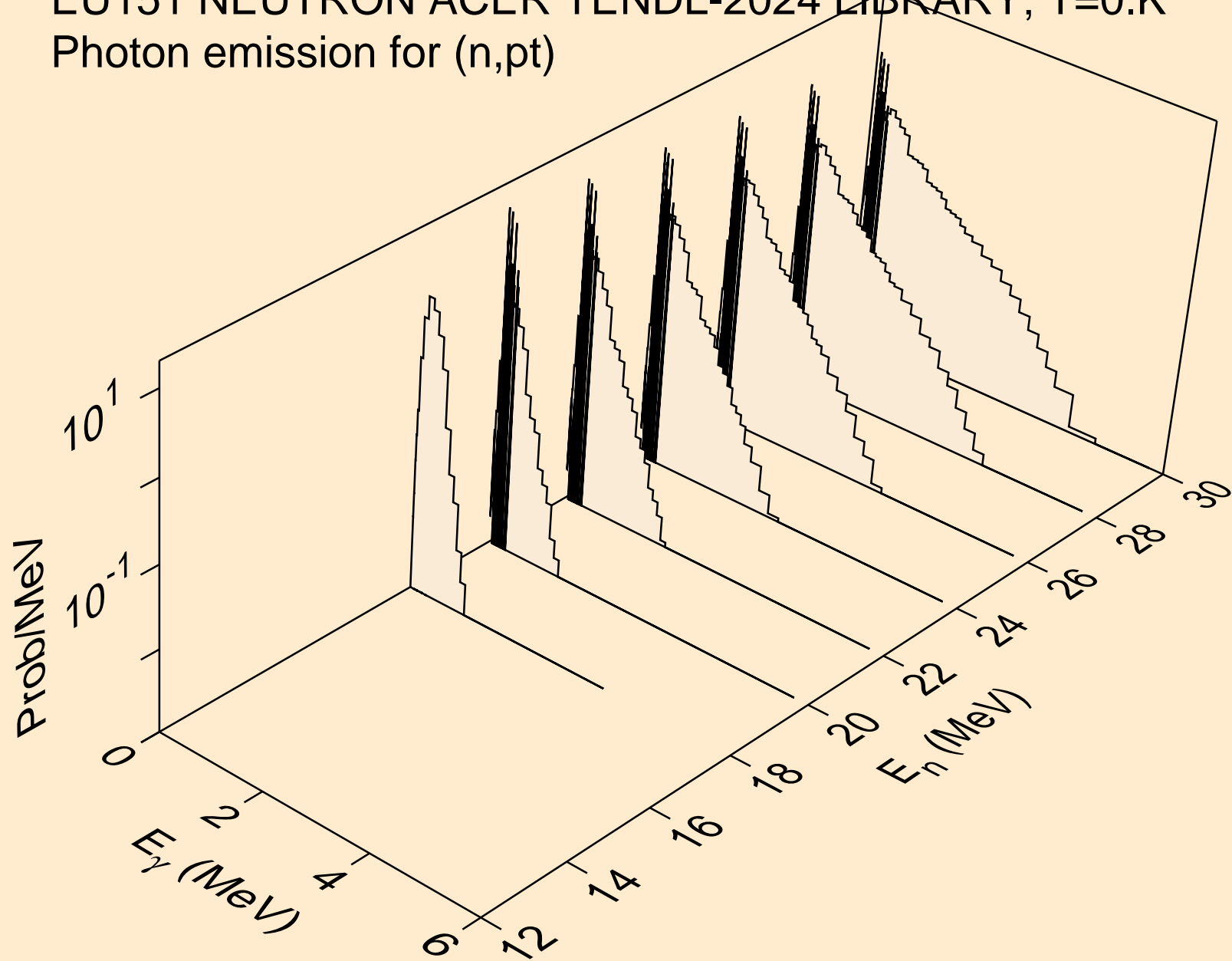


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

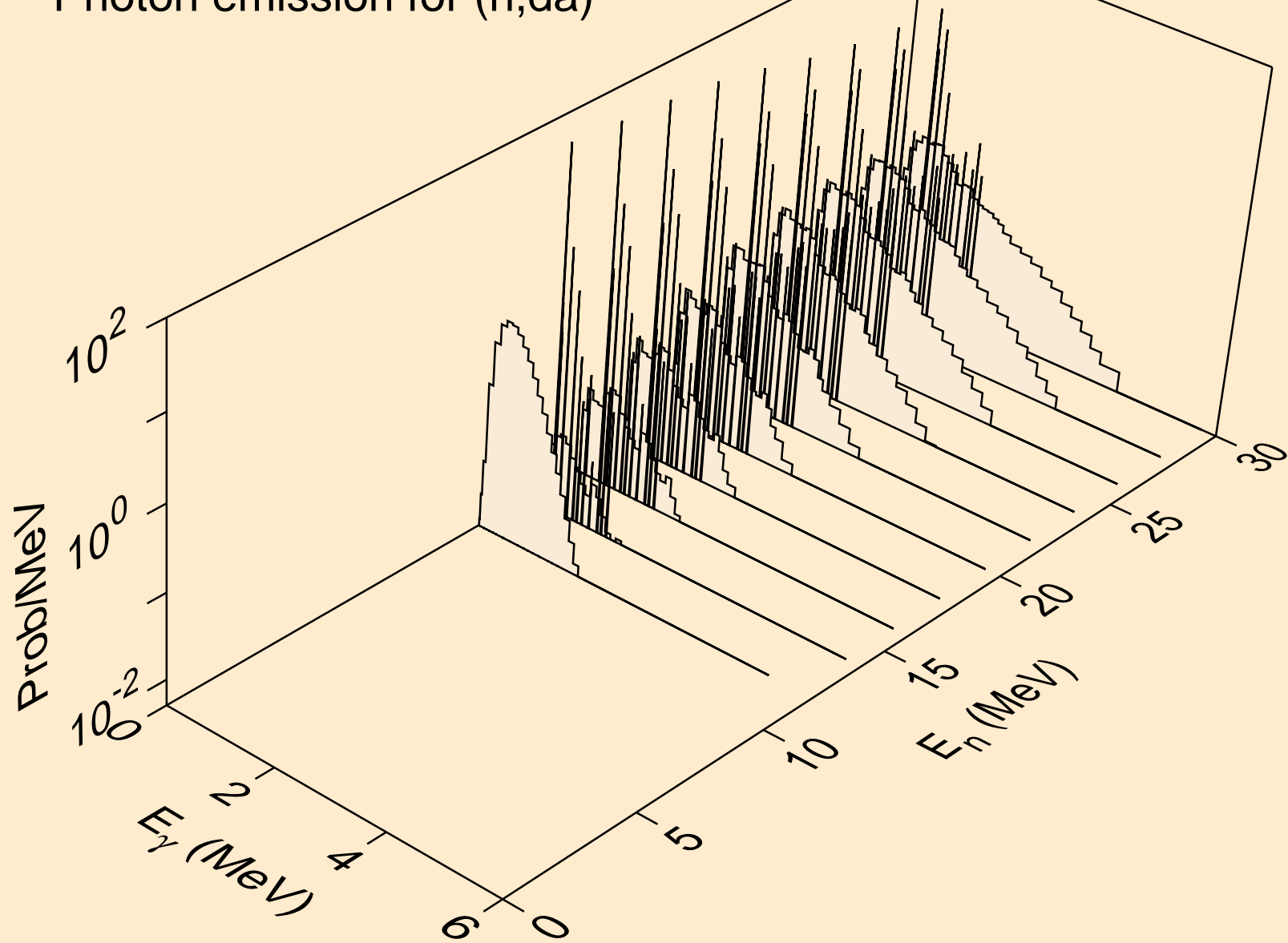




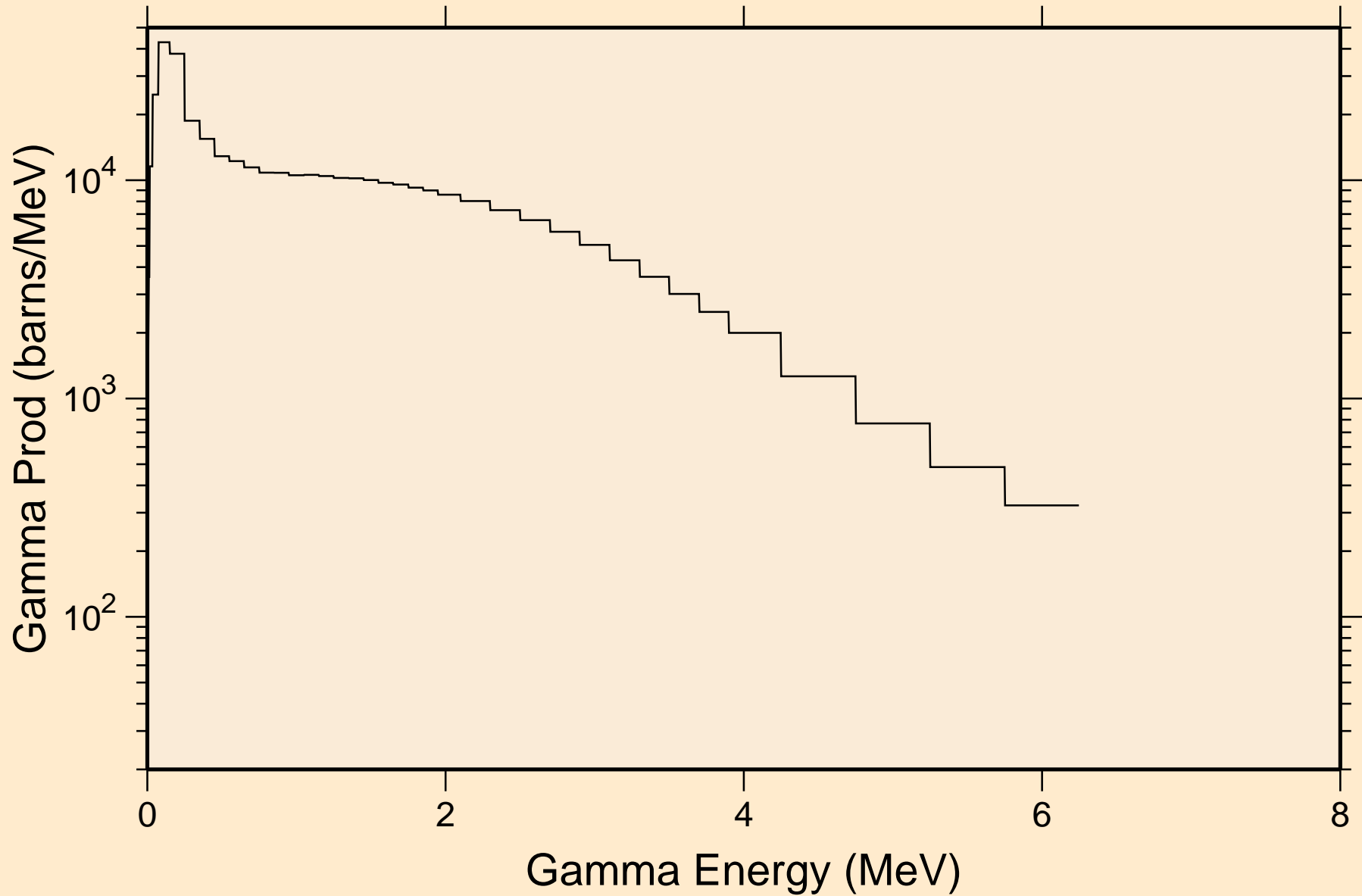
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



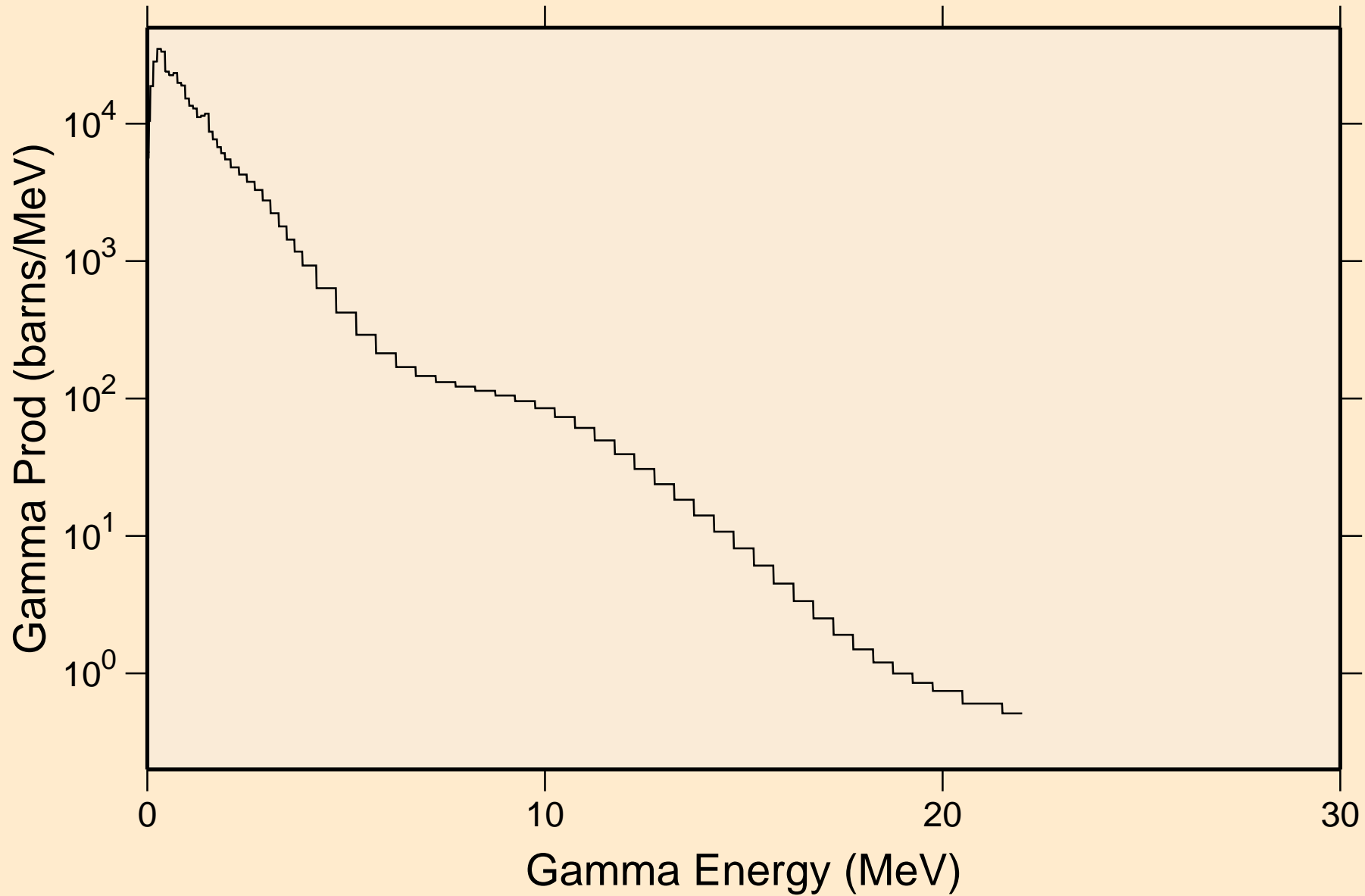
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

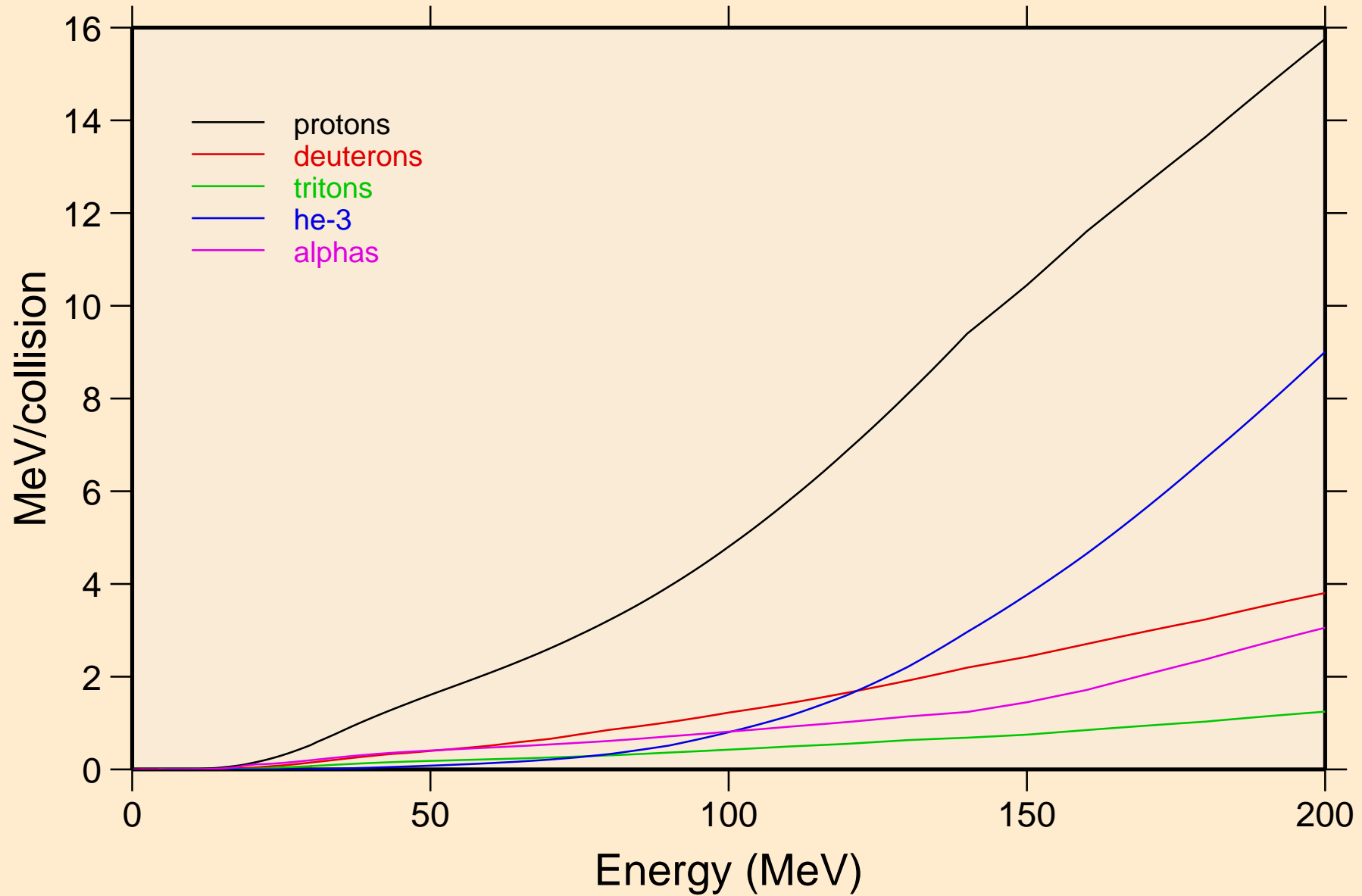


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

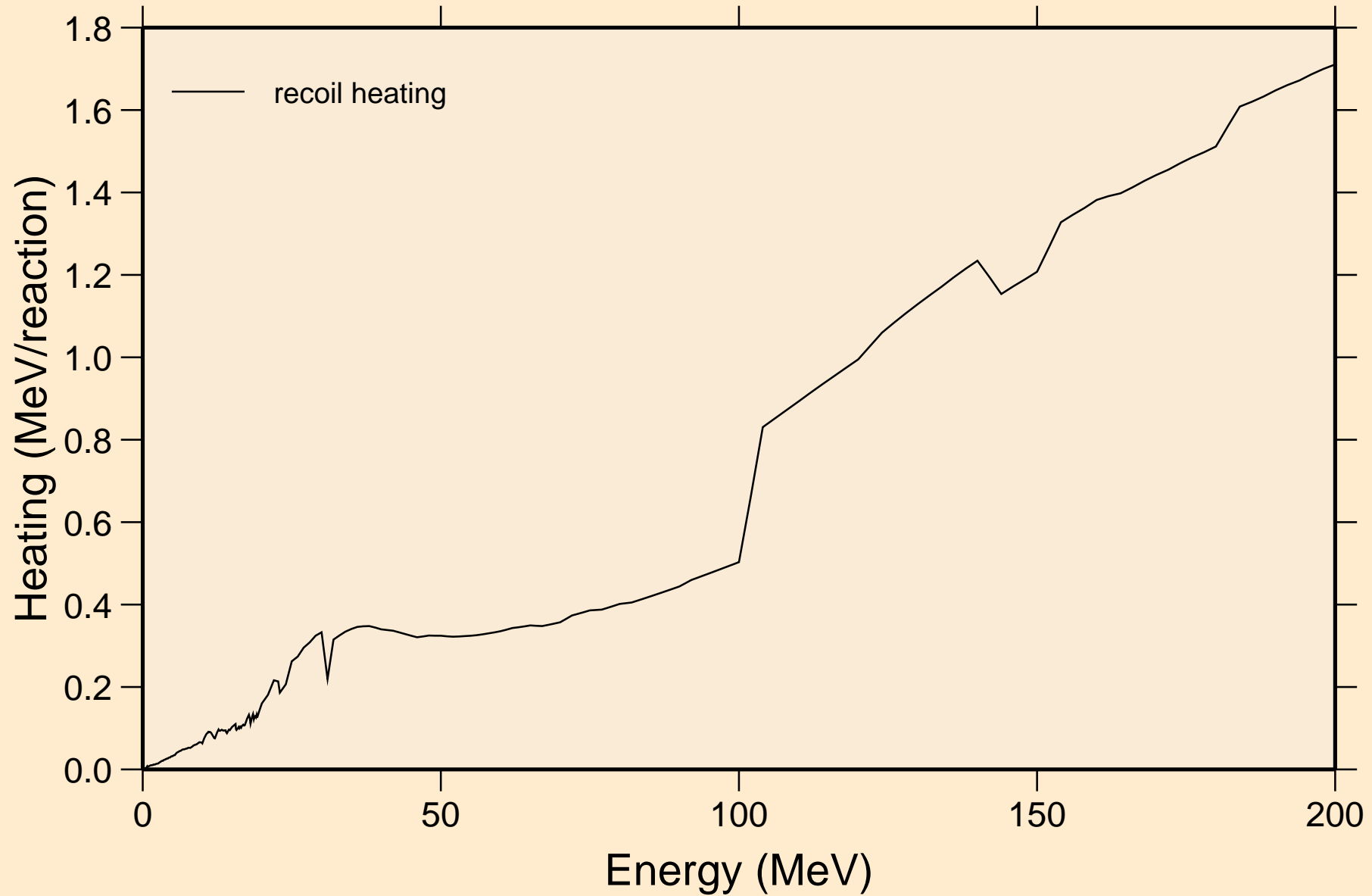


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

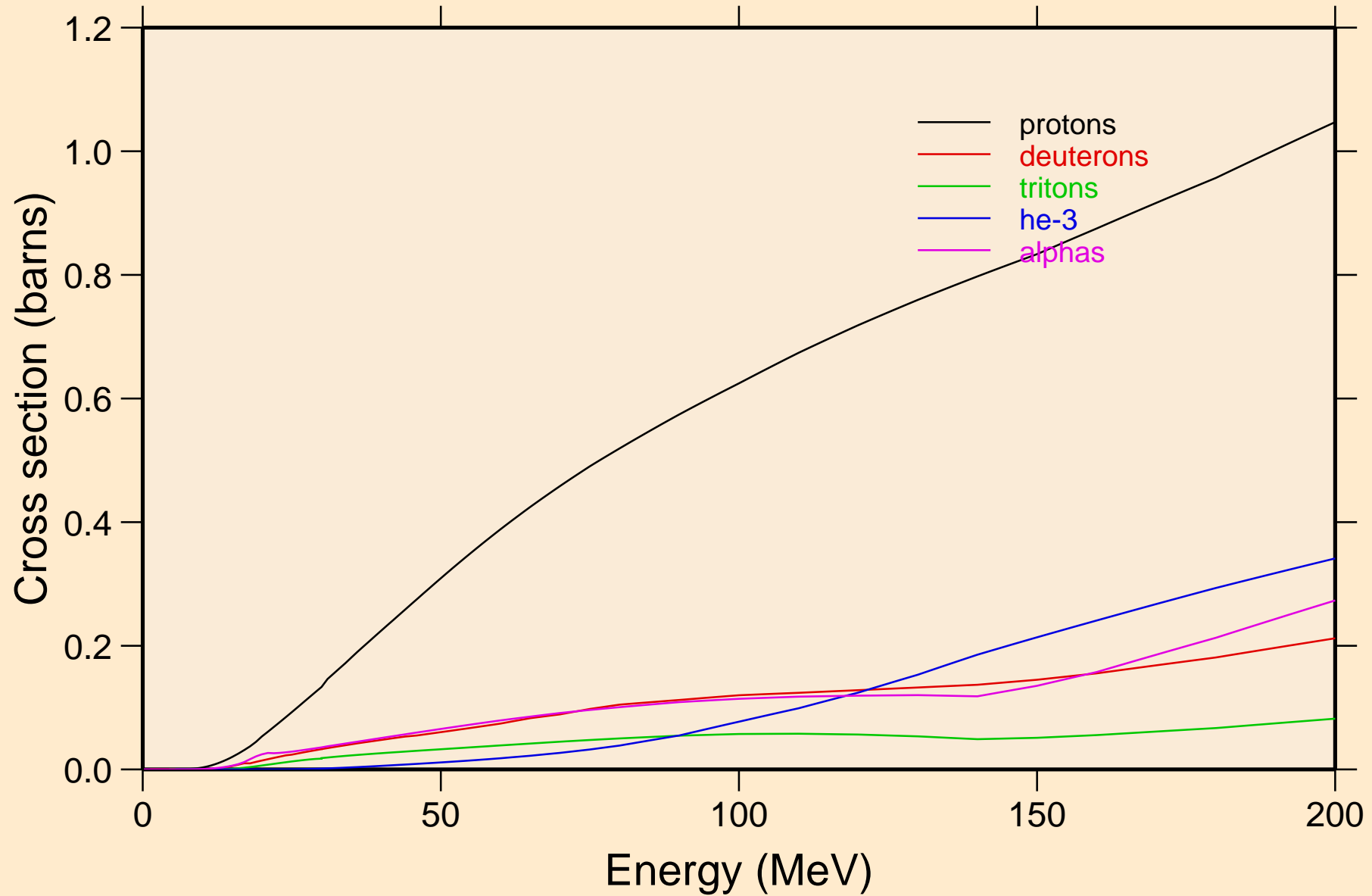


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

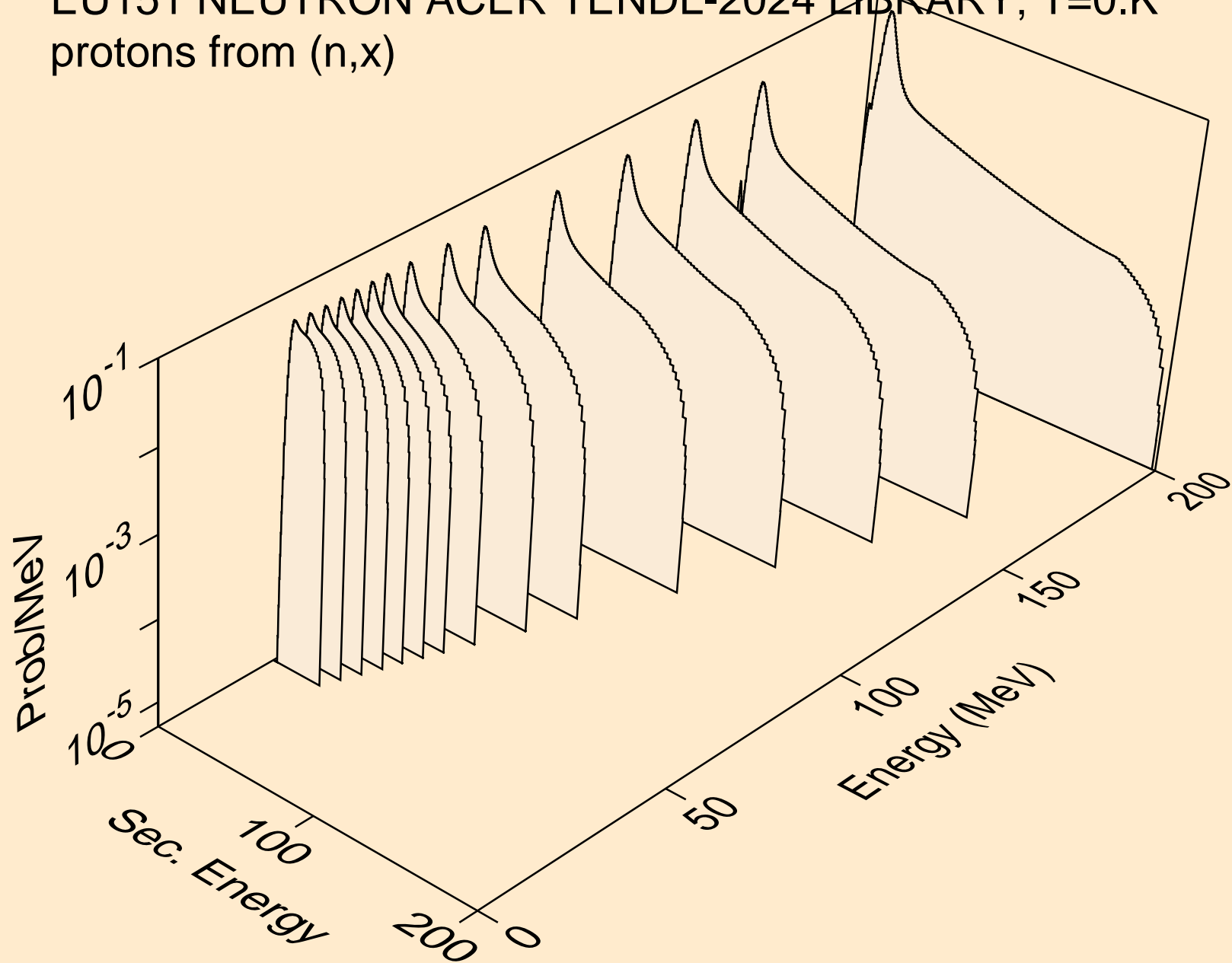


# EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

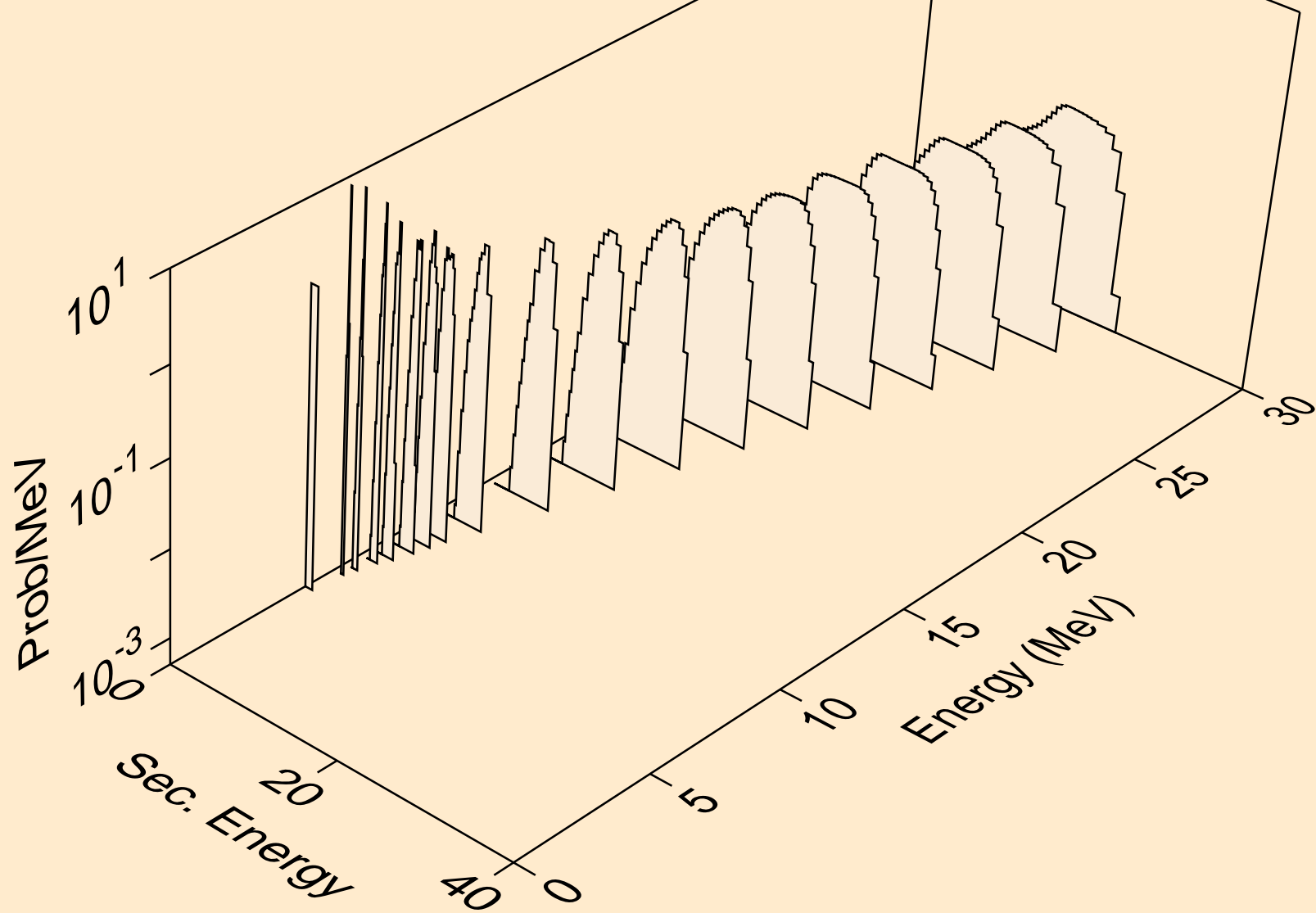


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

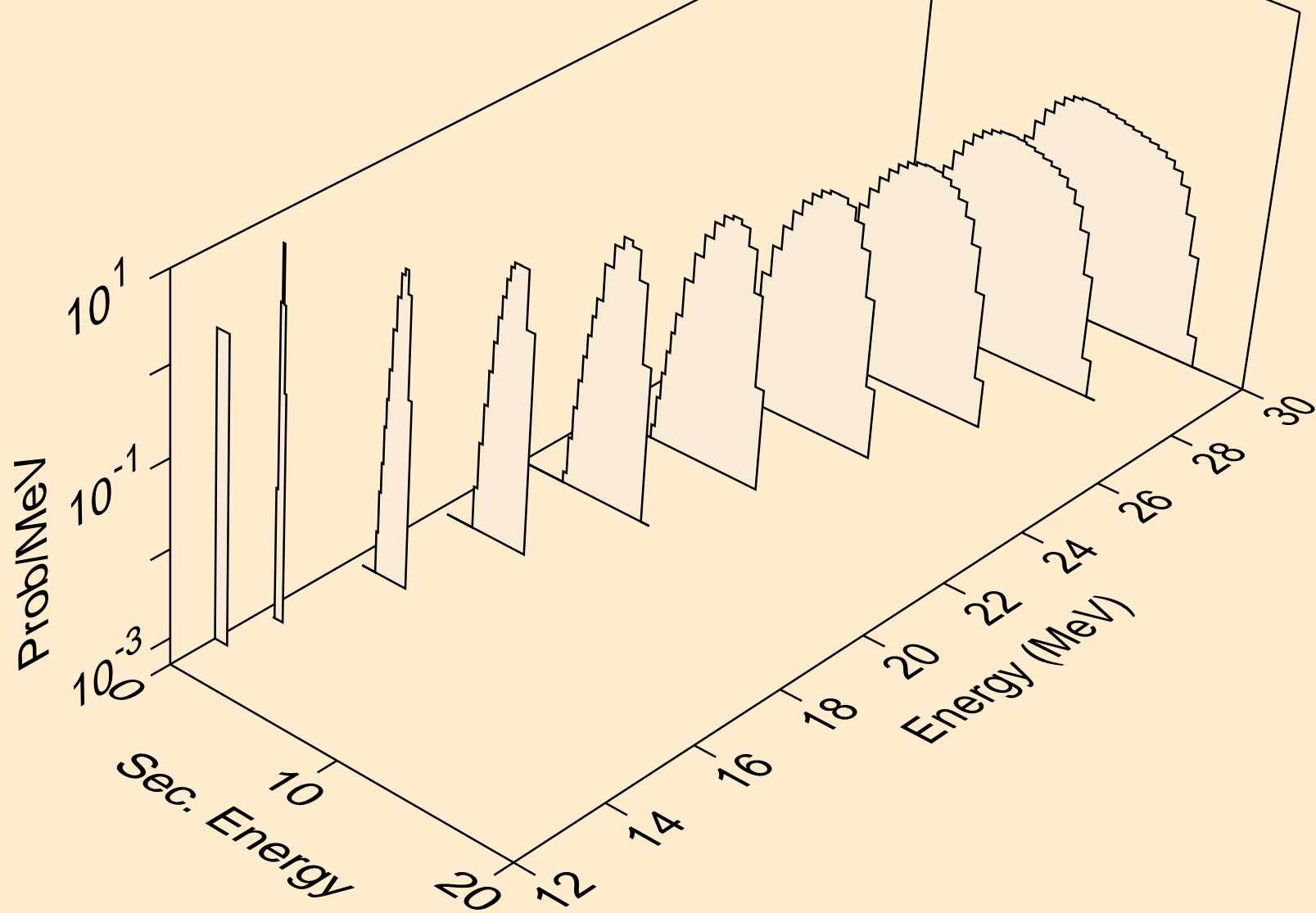




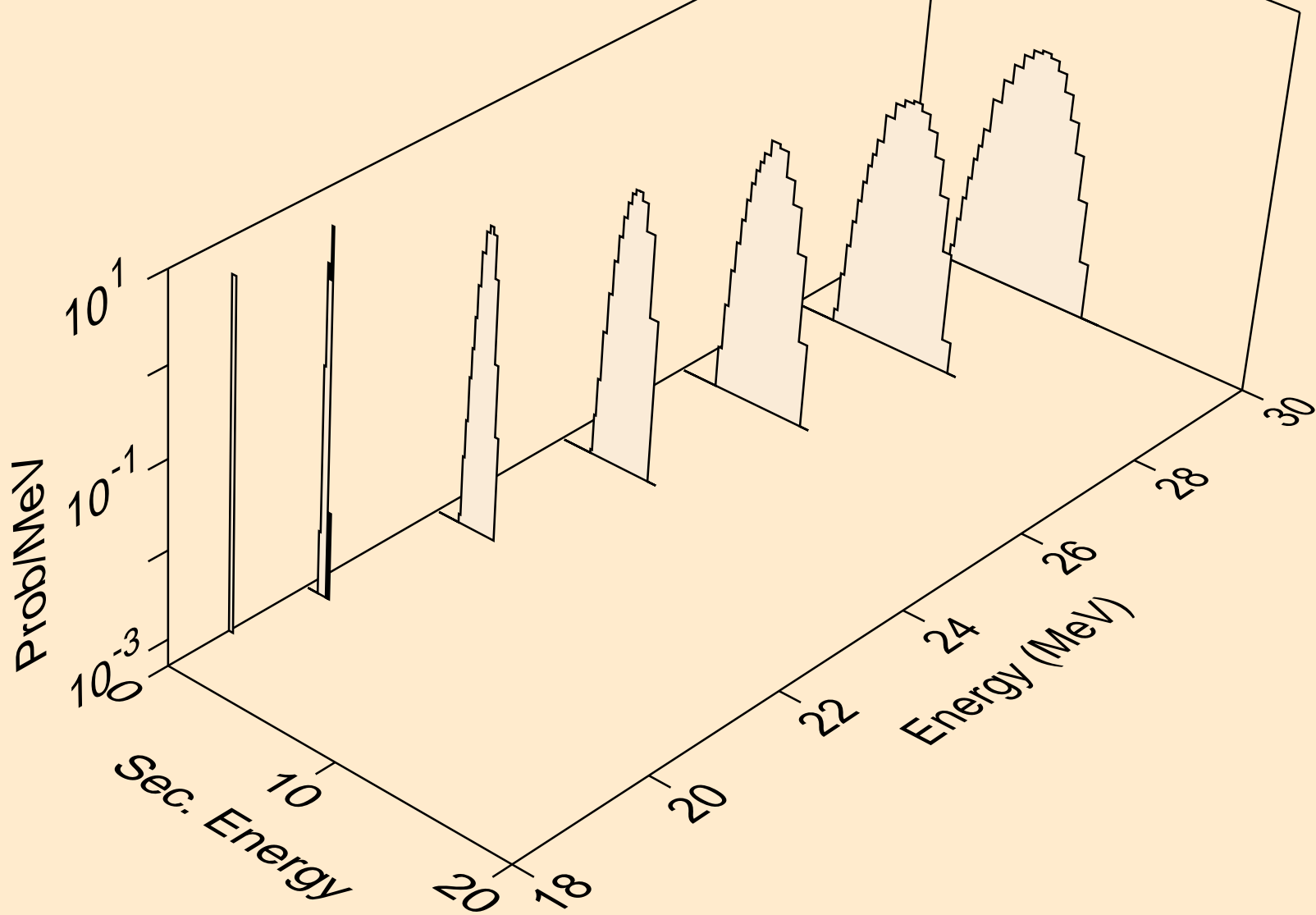
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



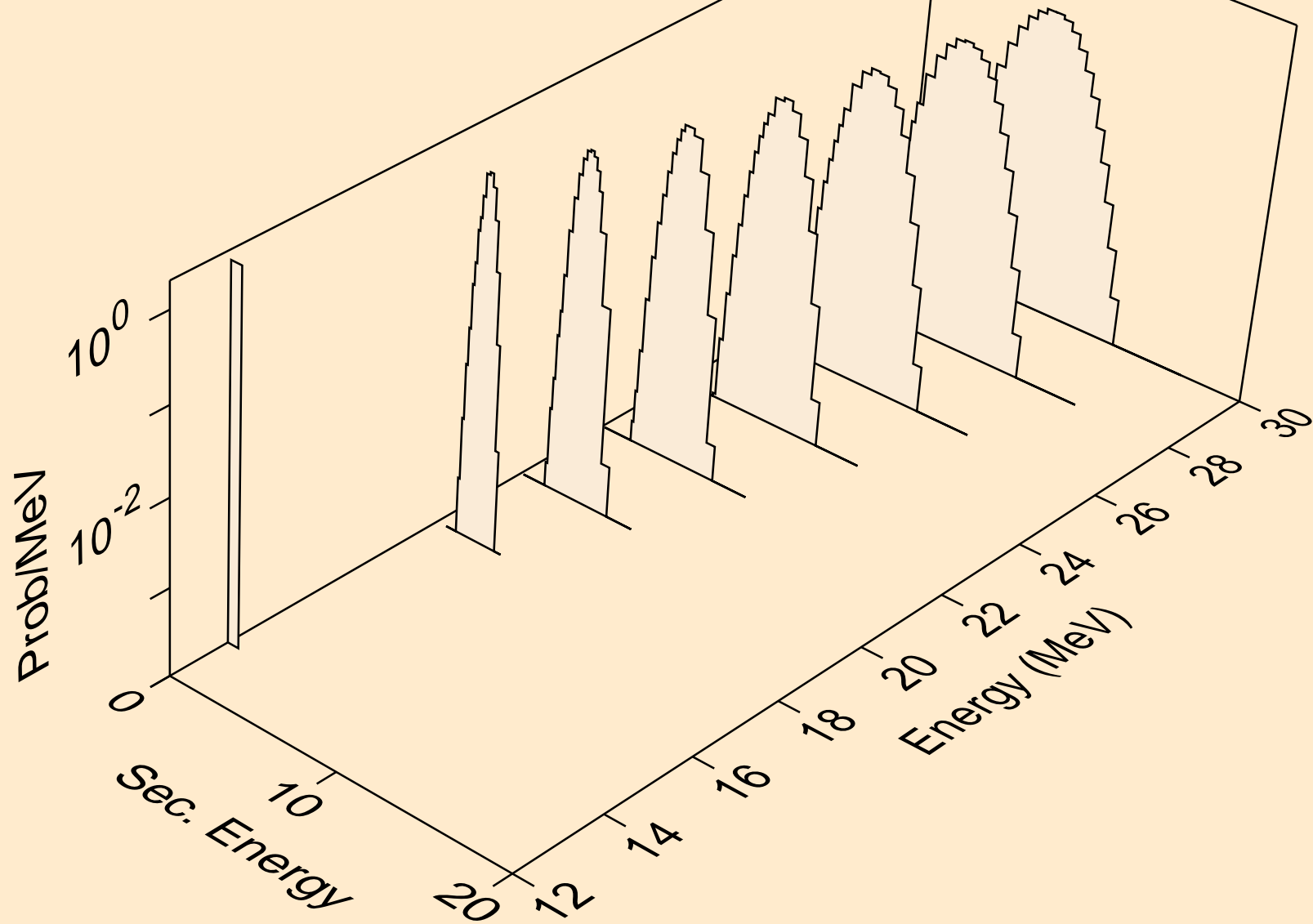
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



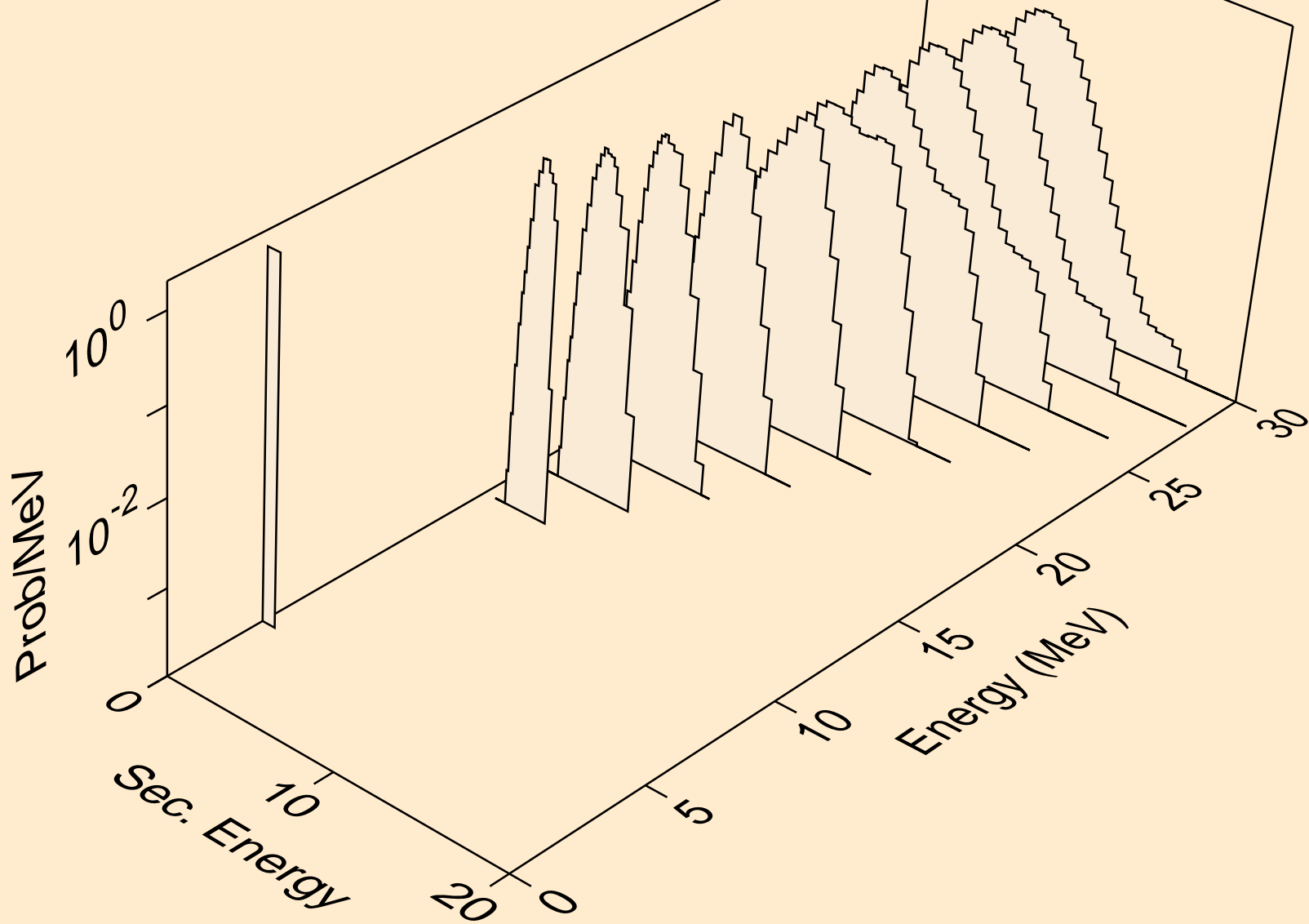
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



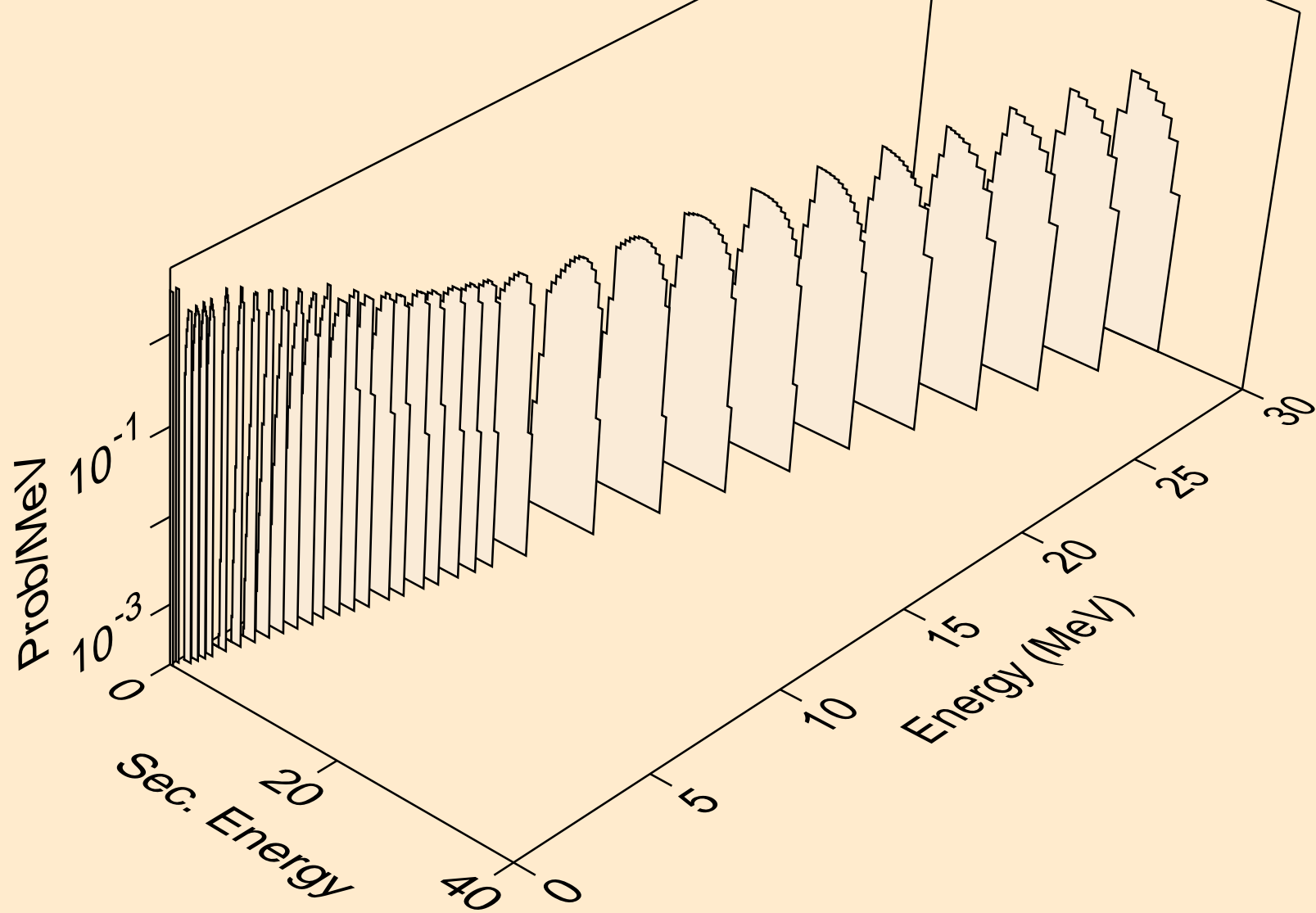
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



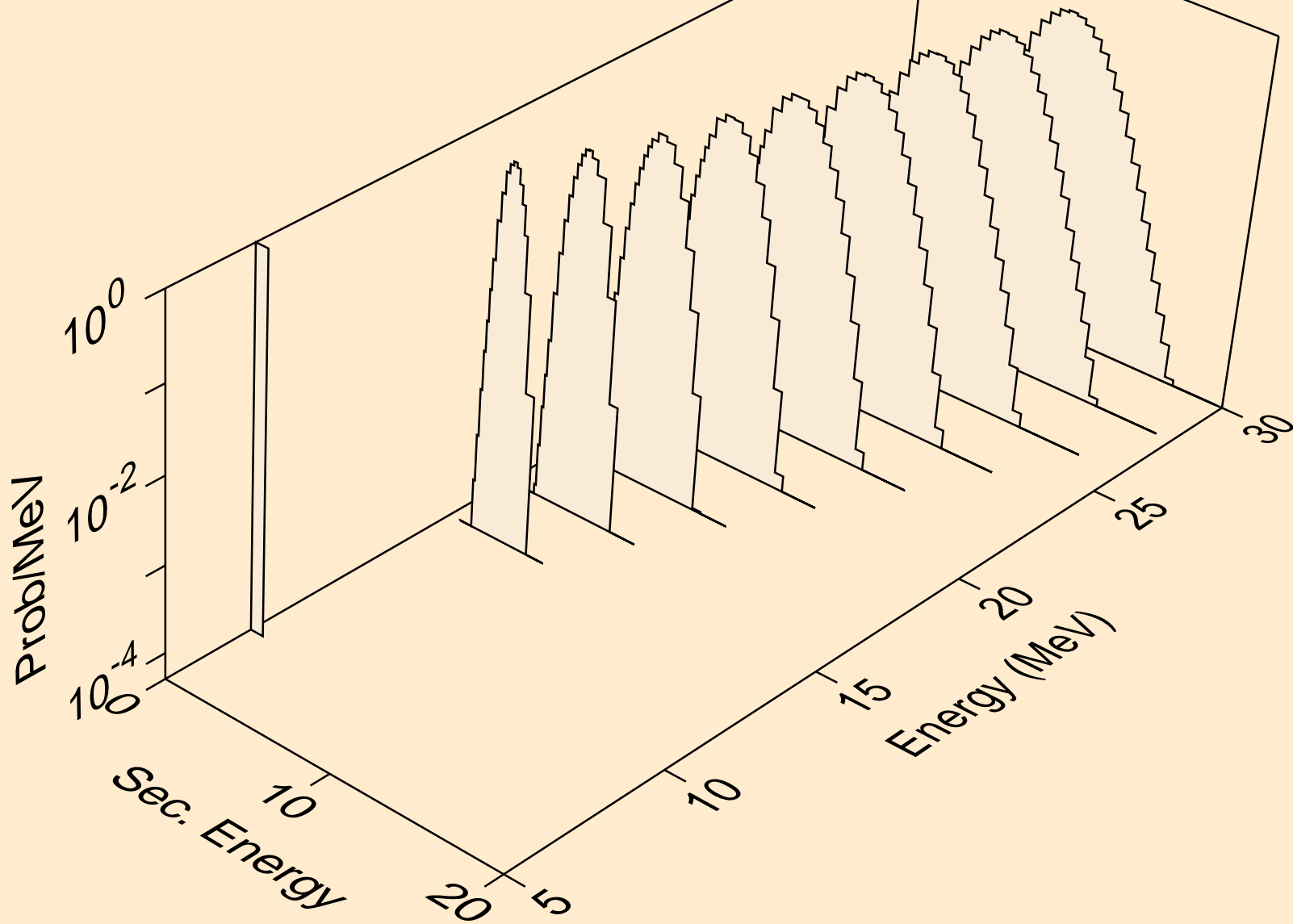
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



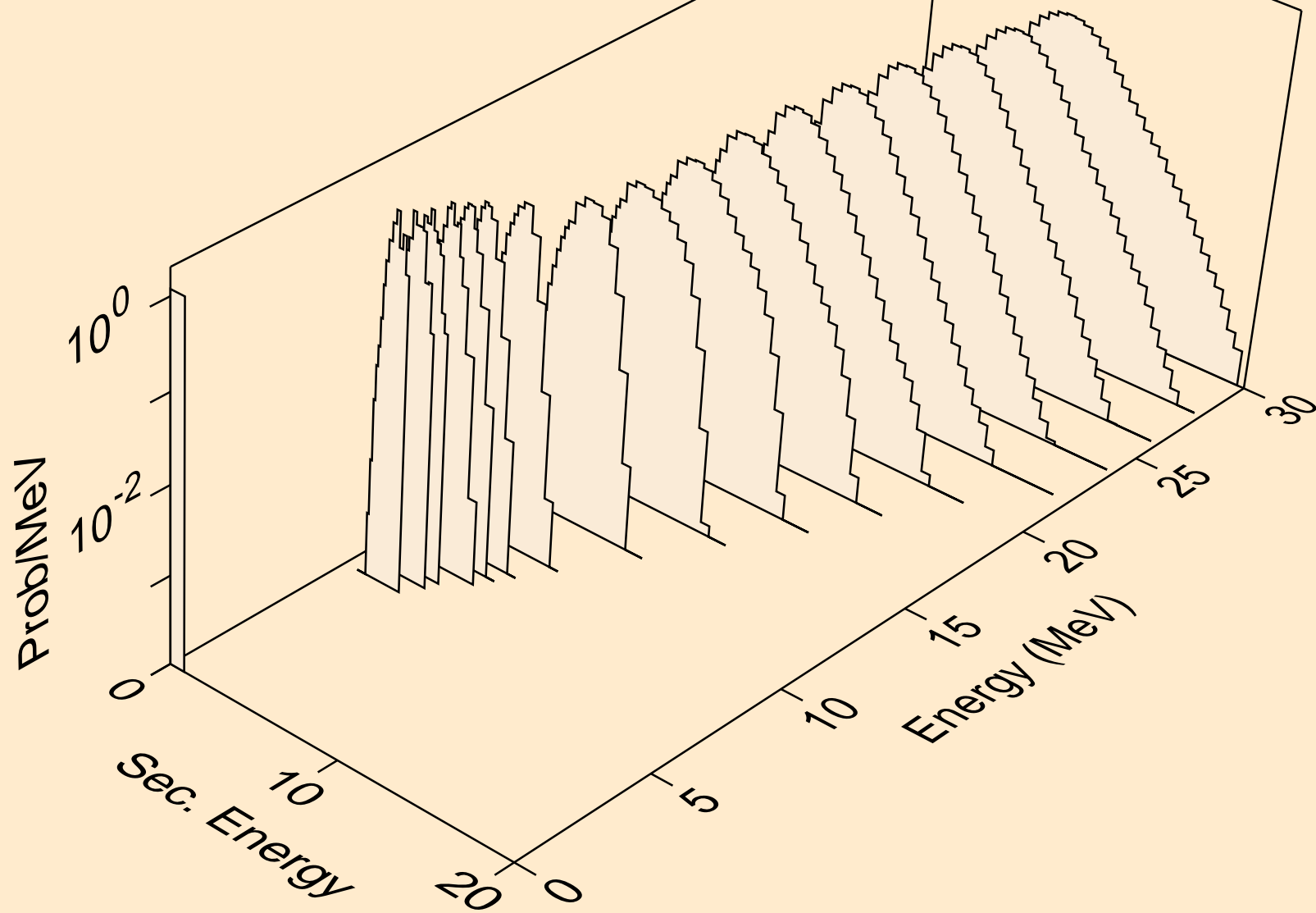
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

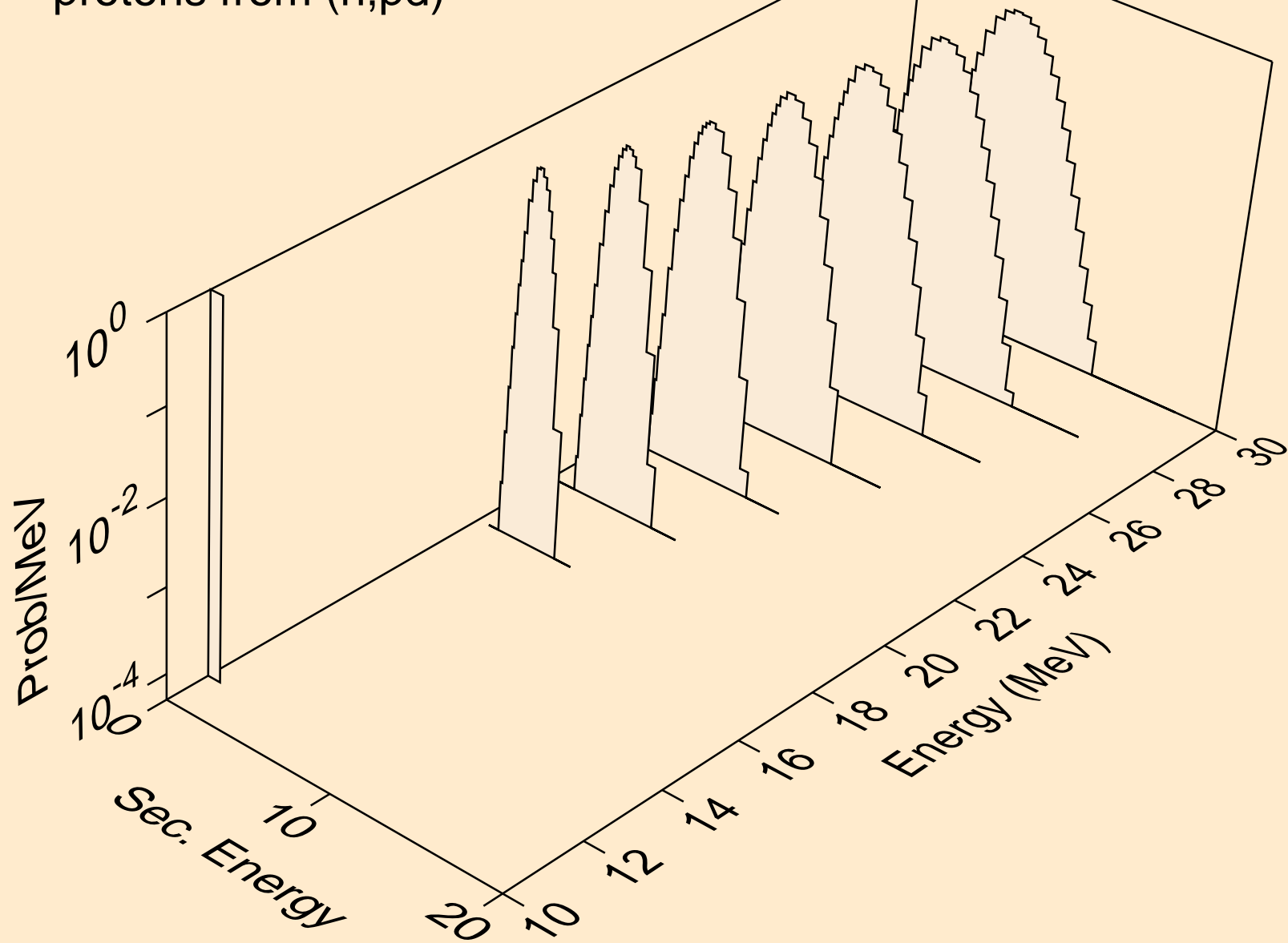


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

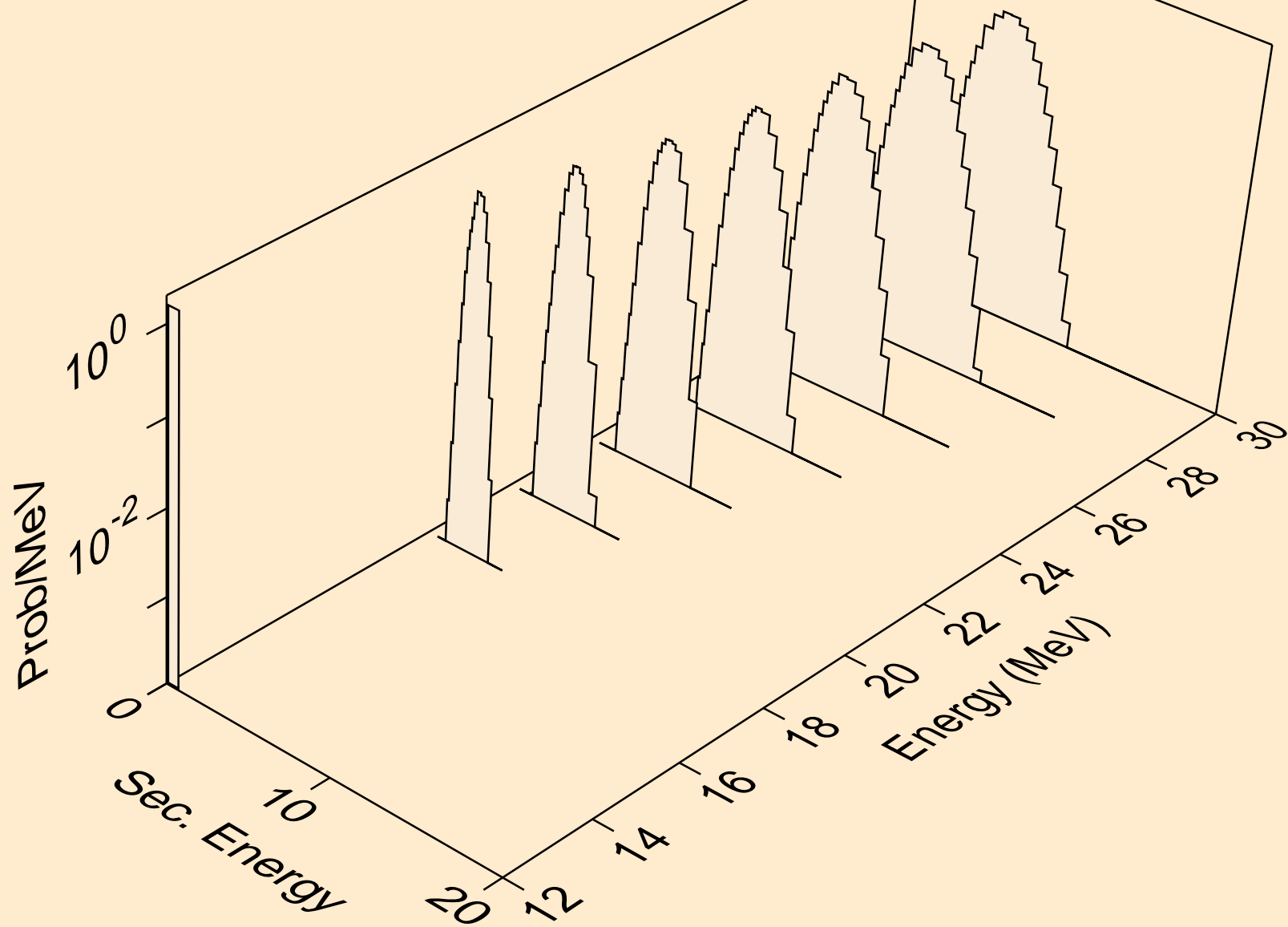




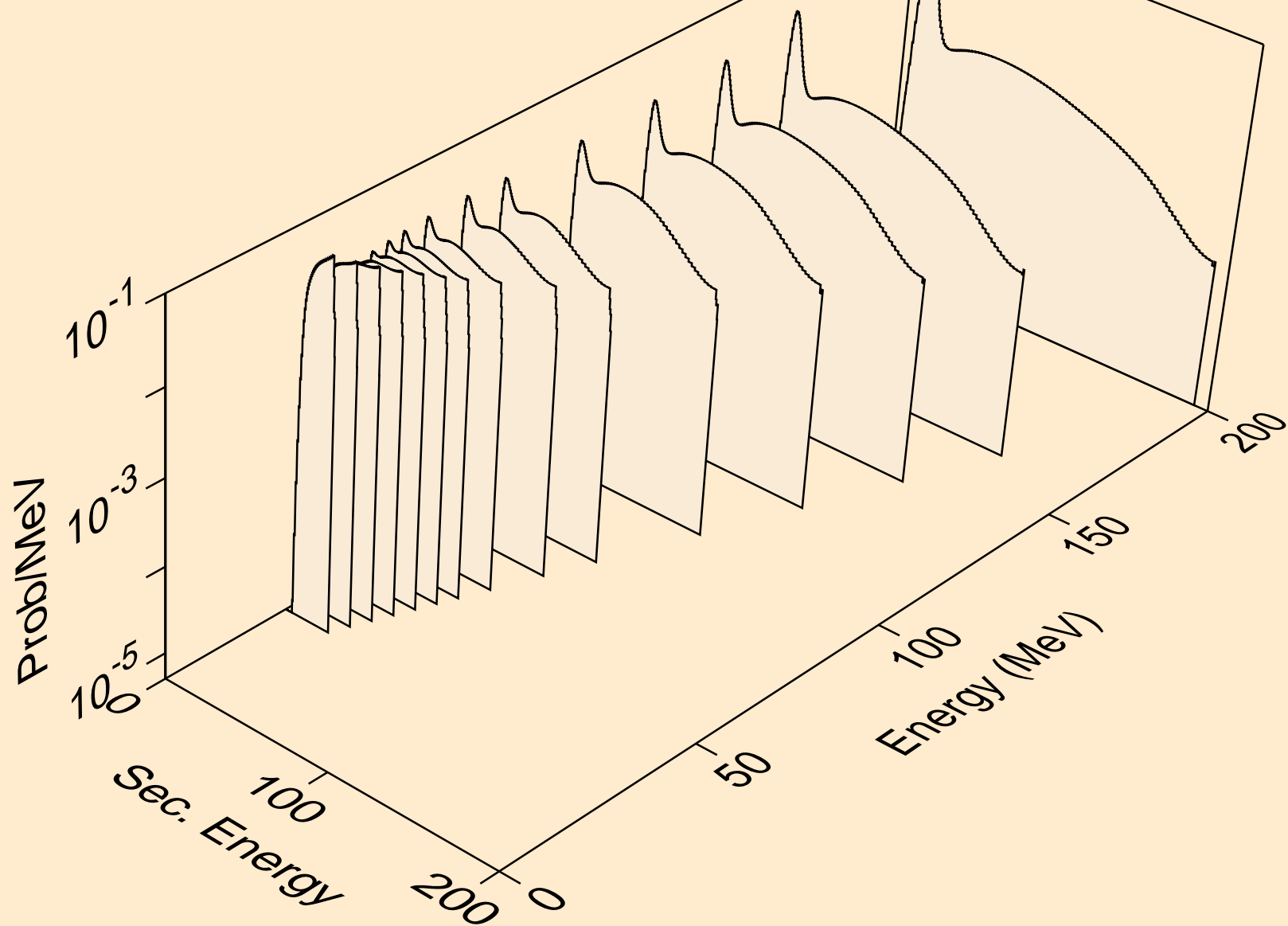
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



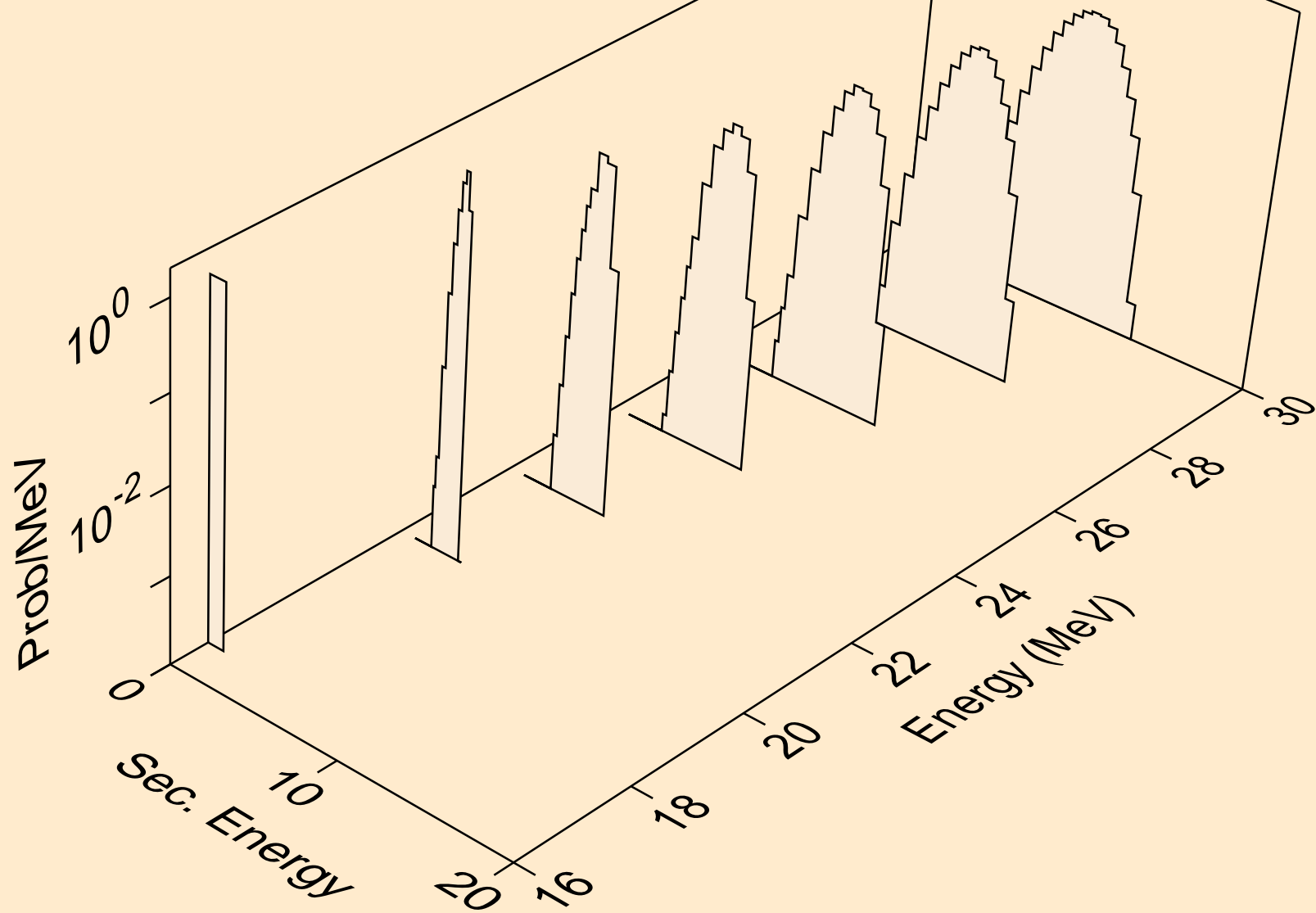
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



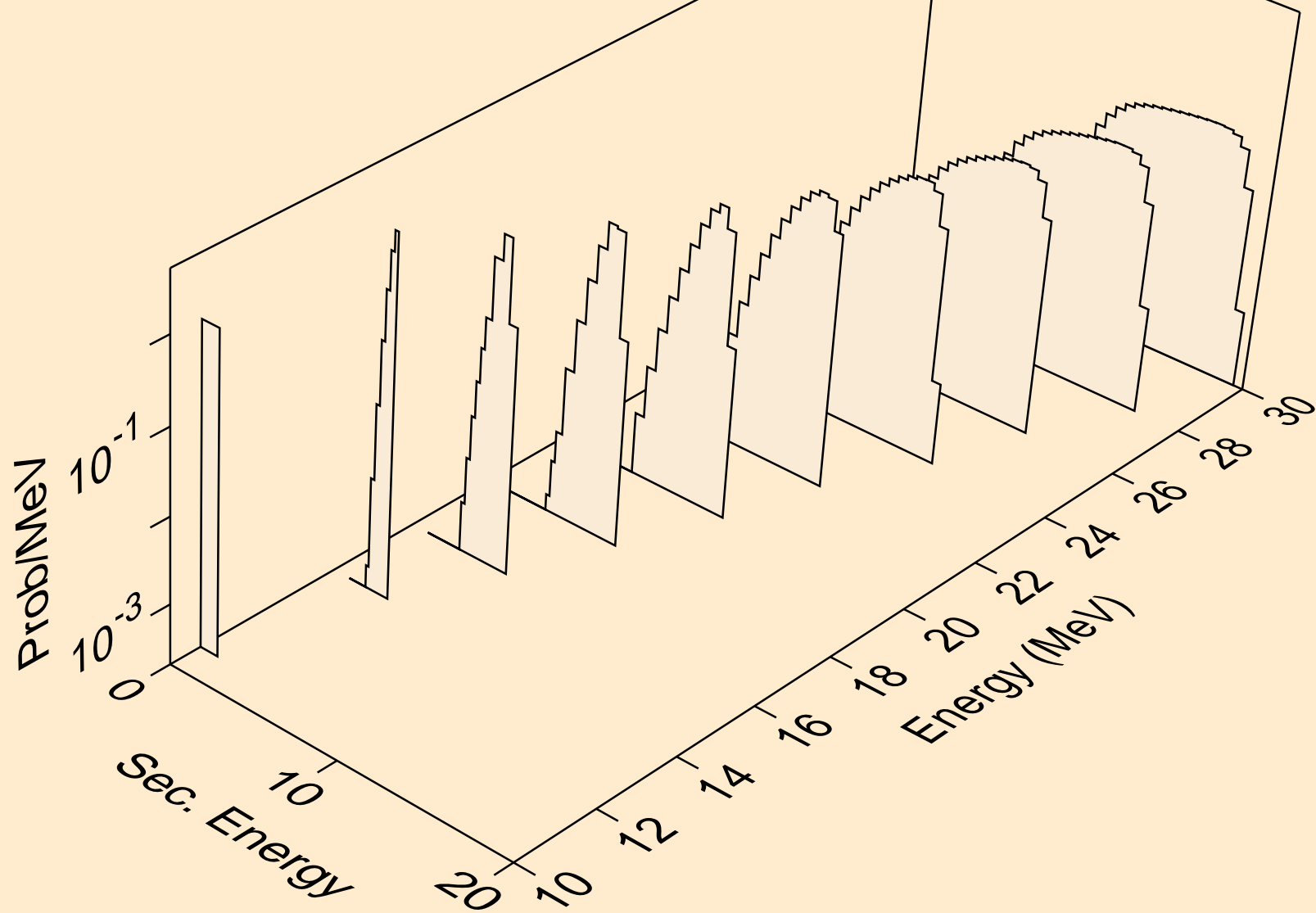
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



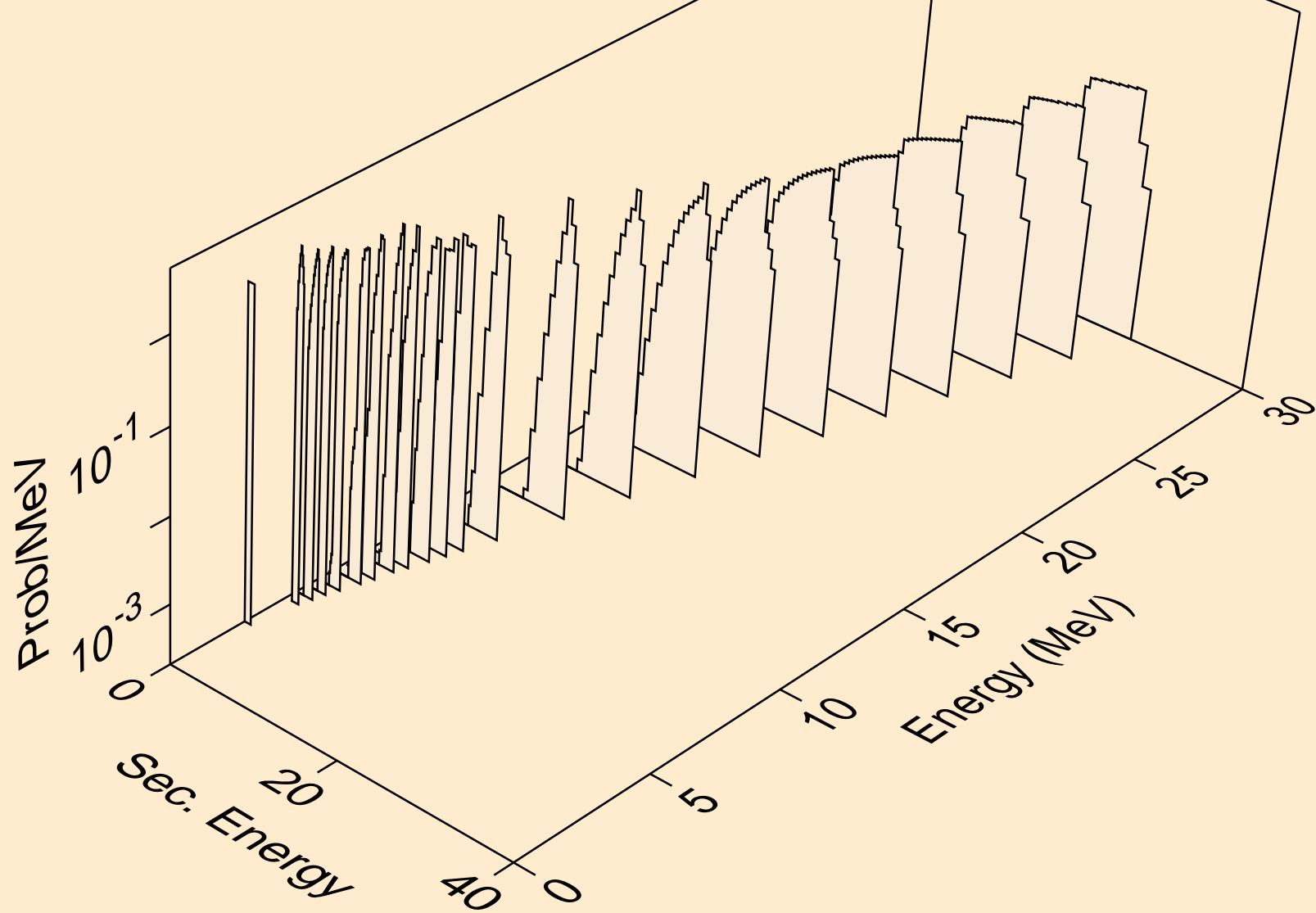
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



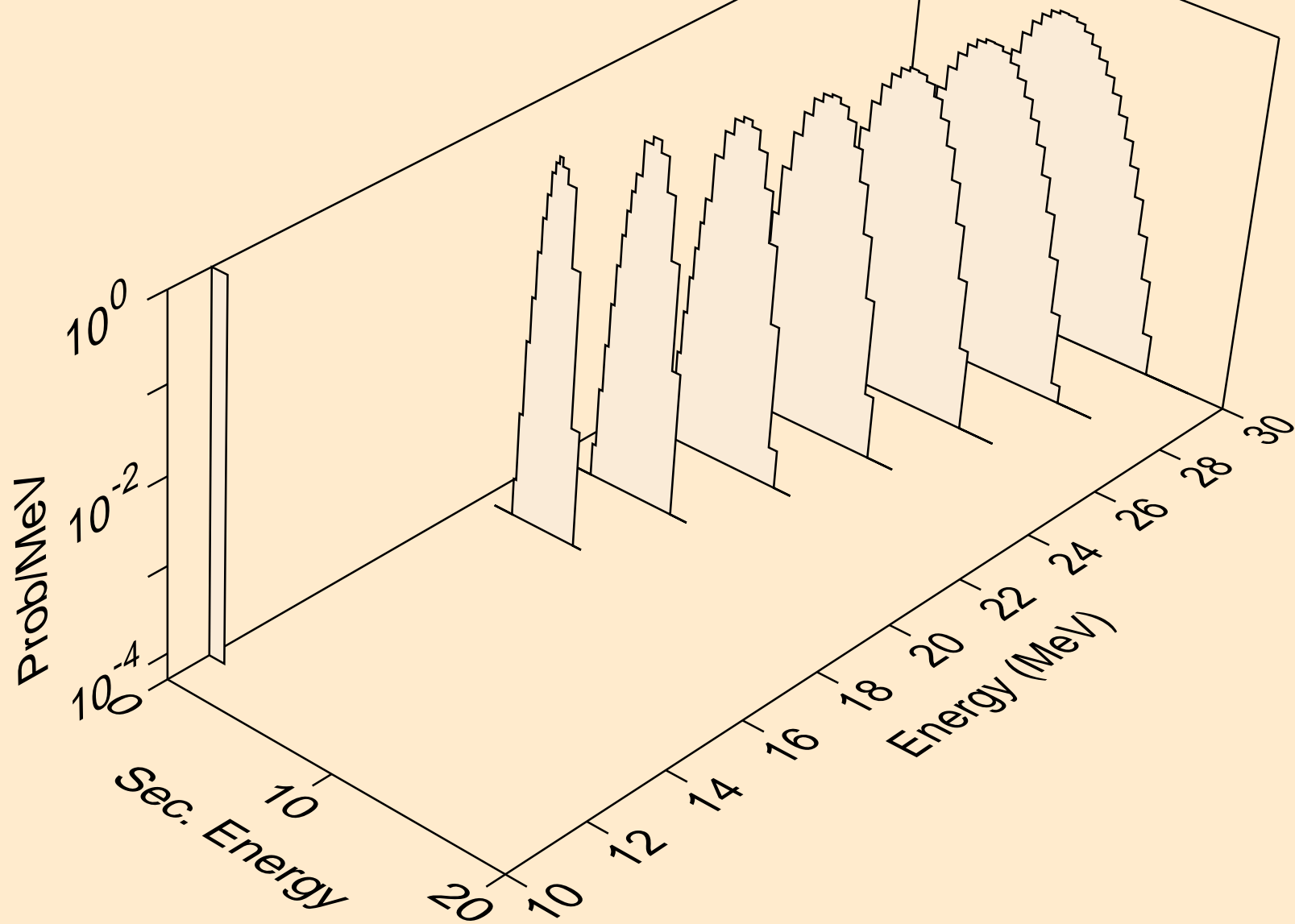
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



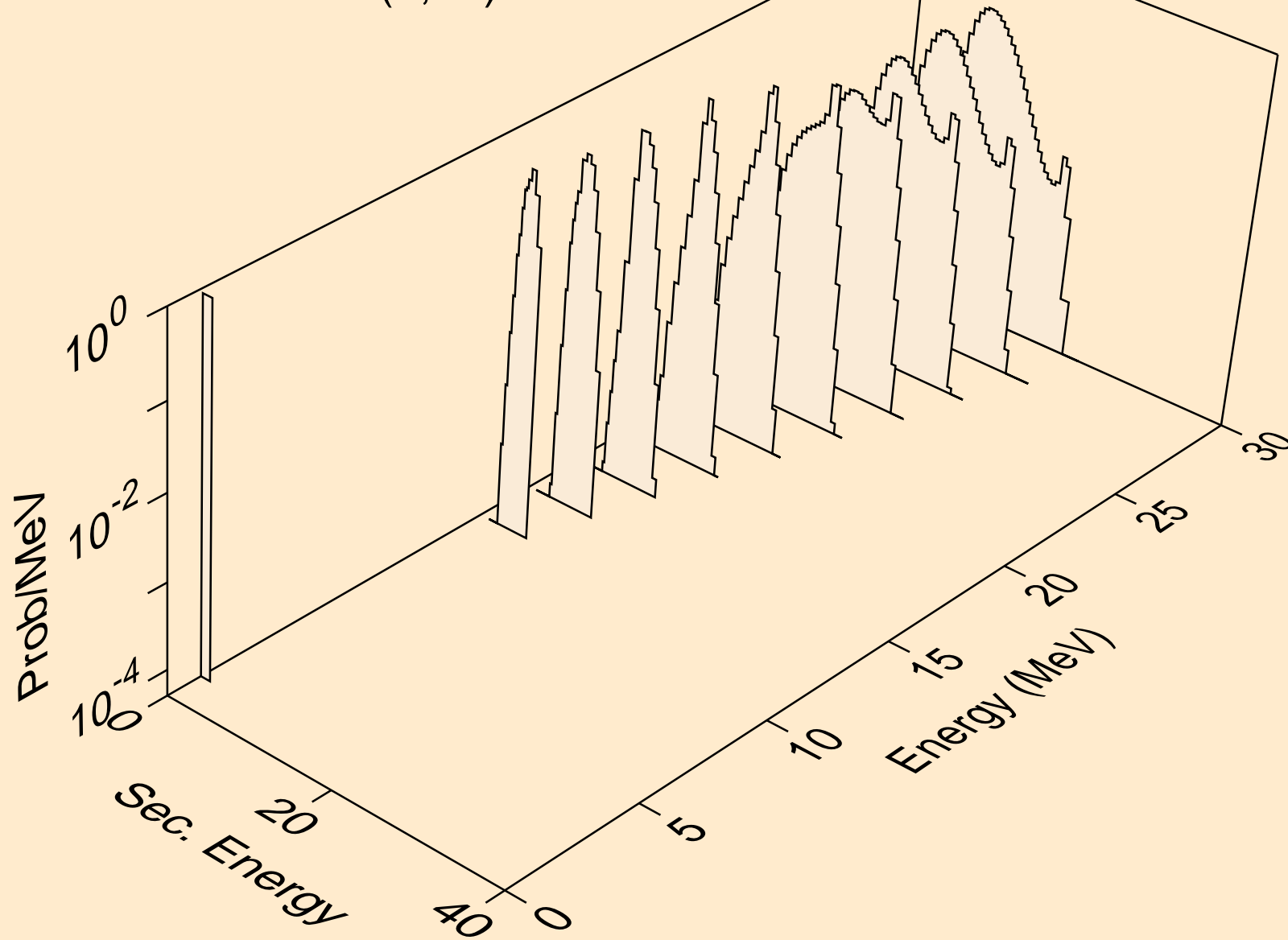
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

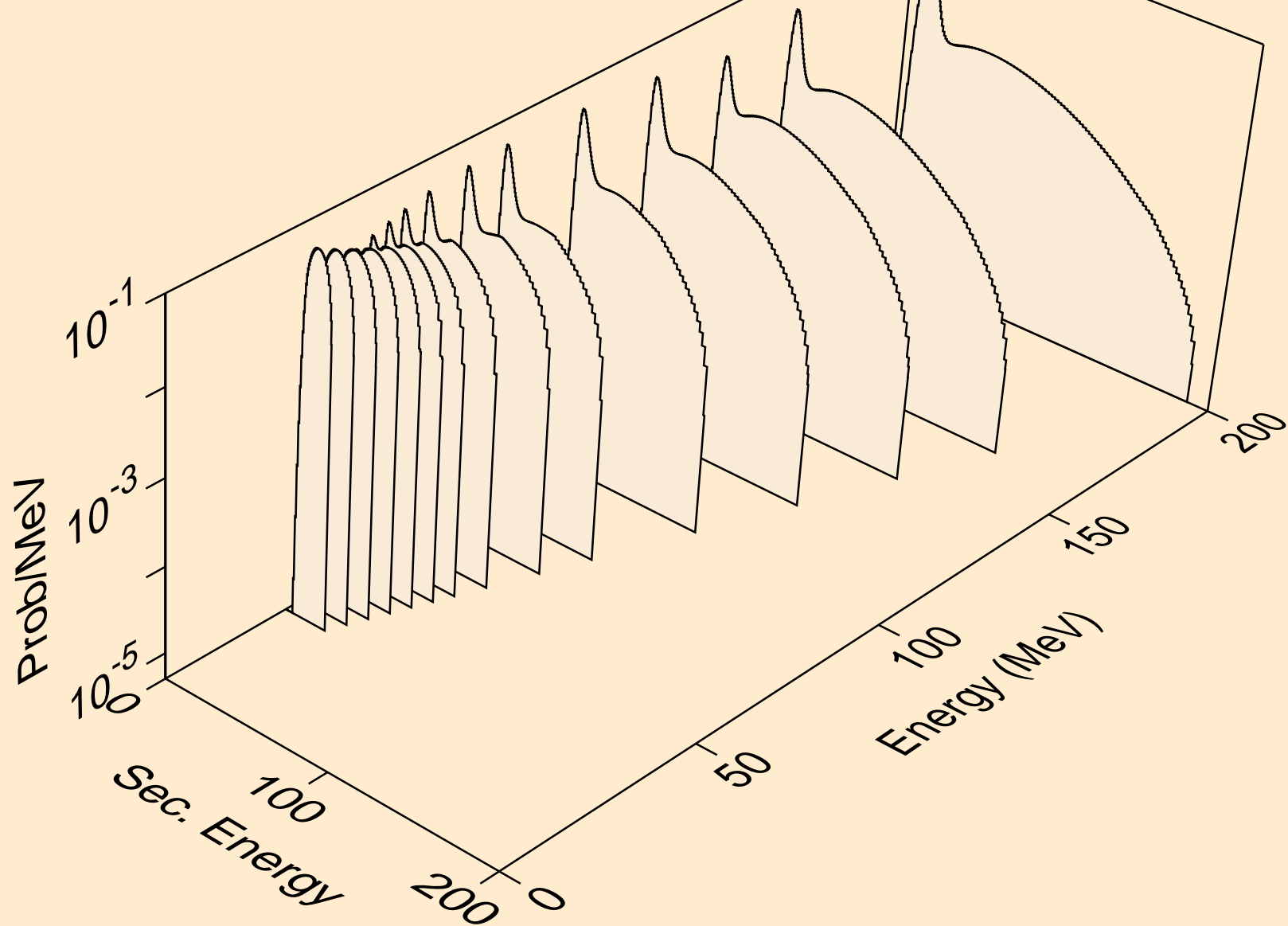


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

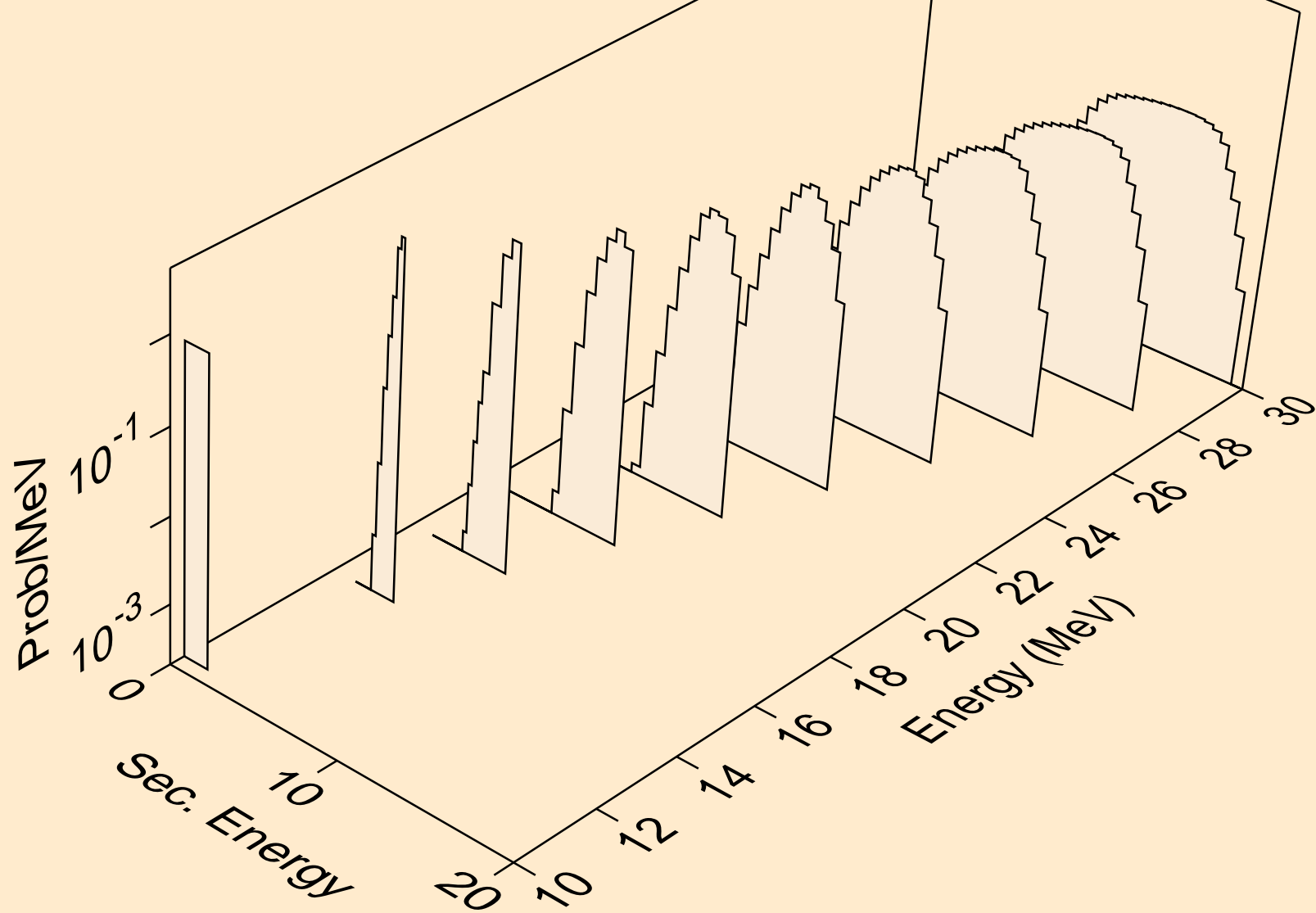




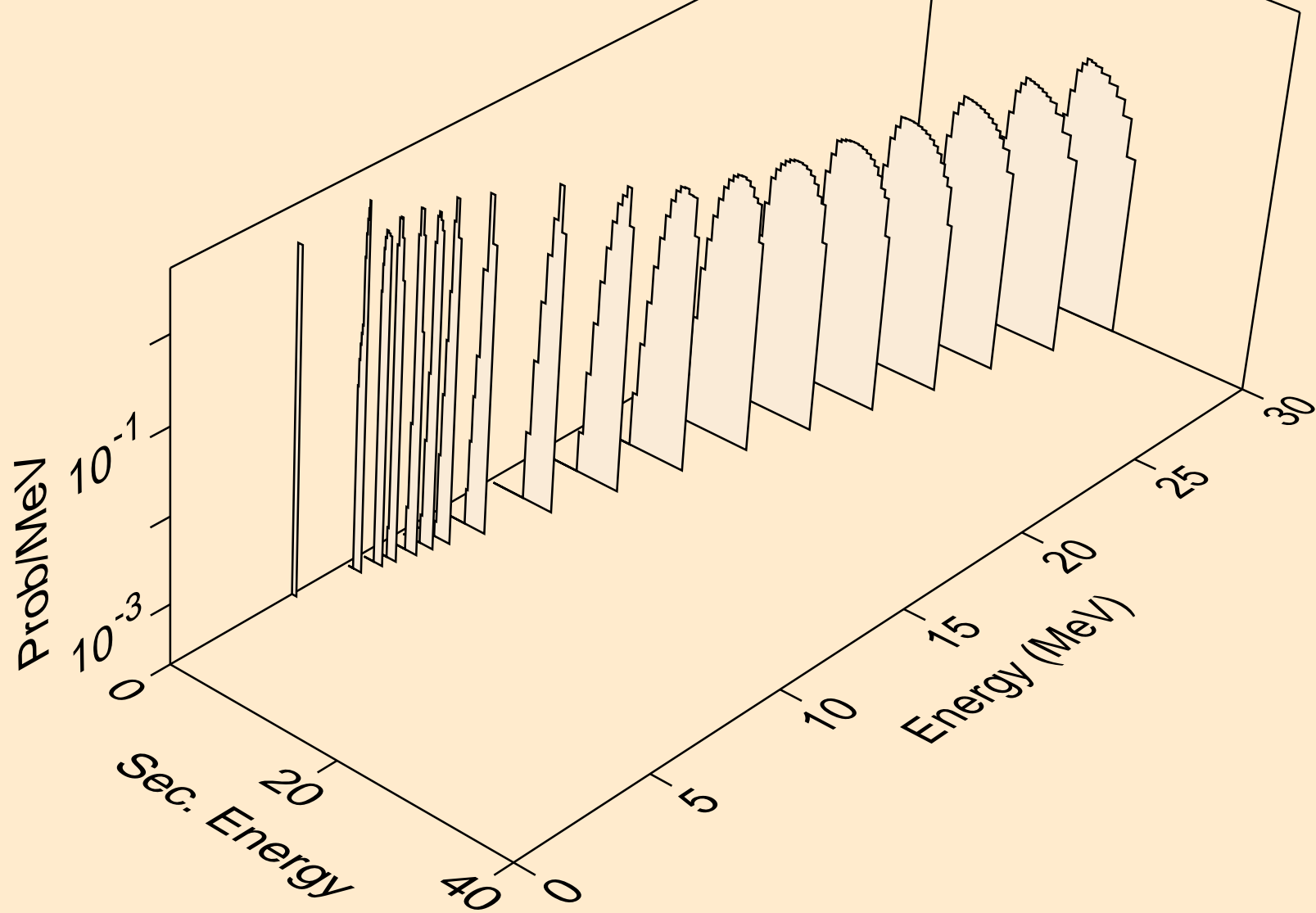
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



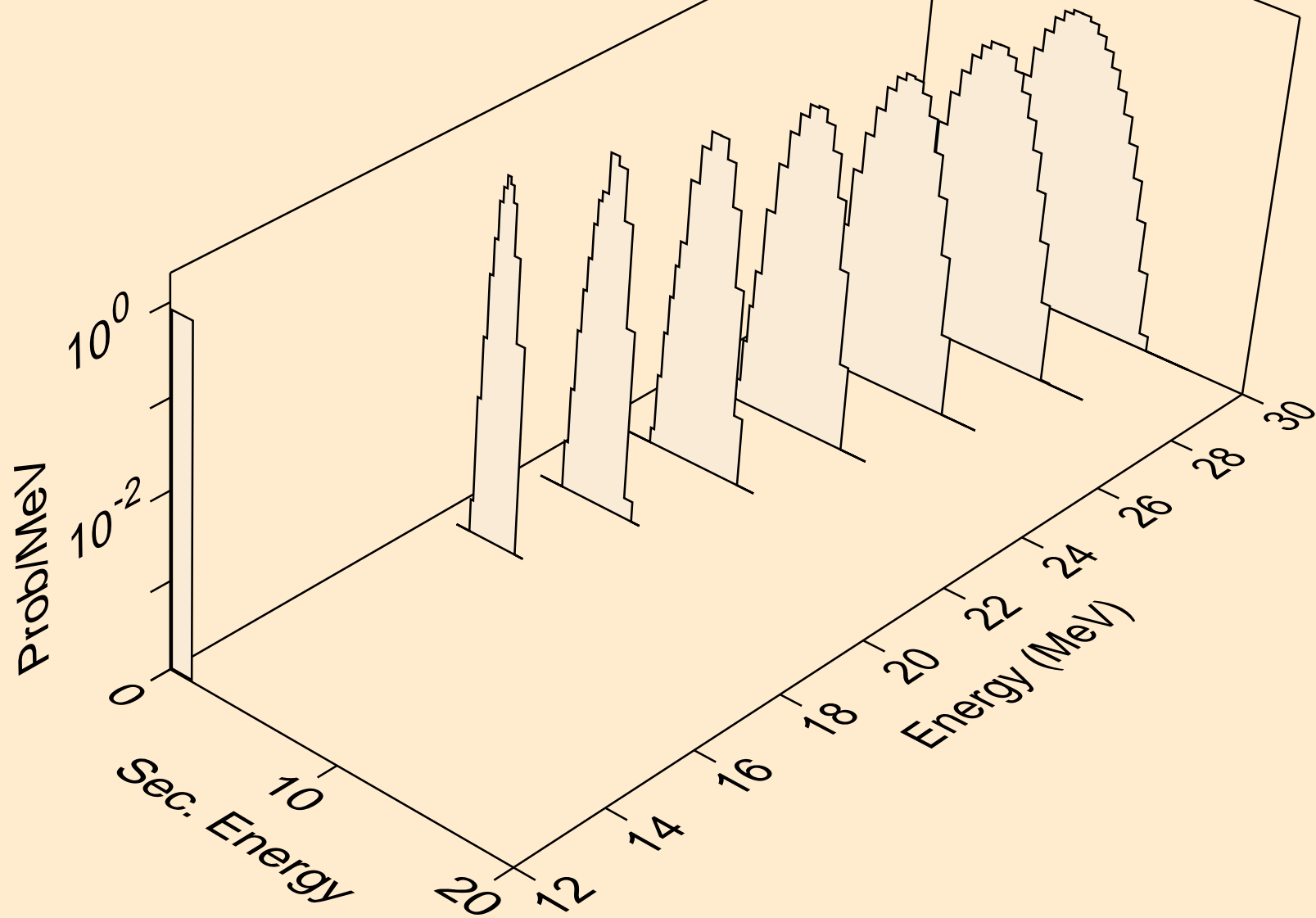
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



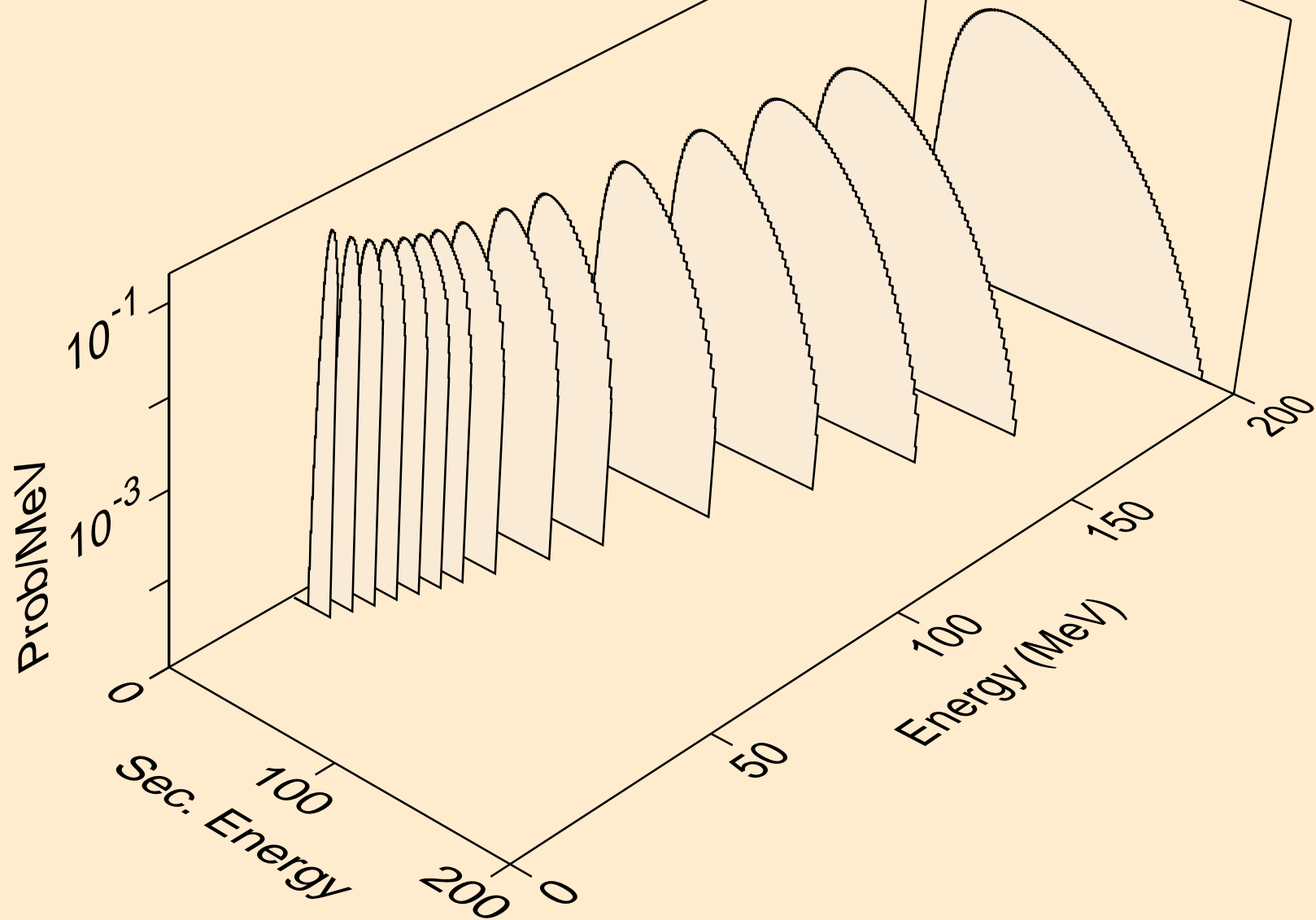
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



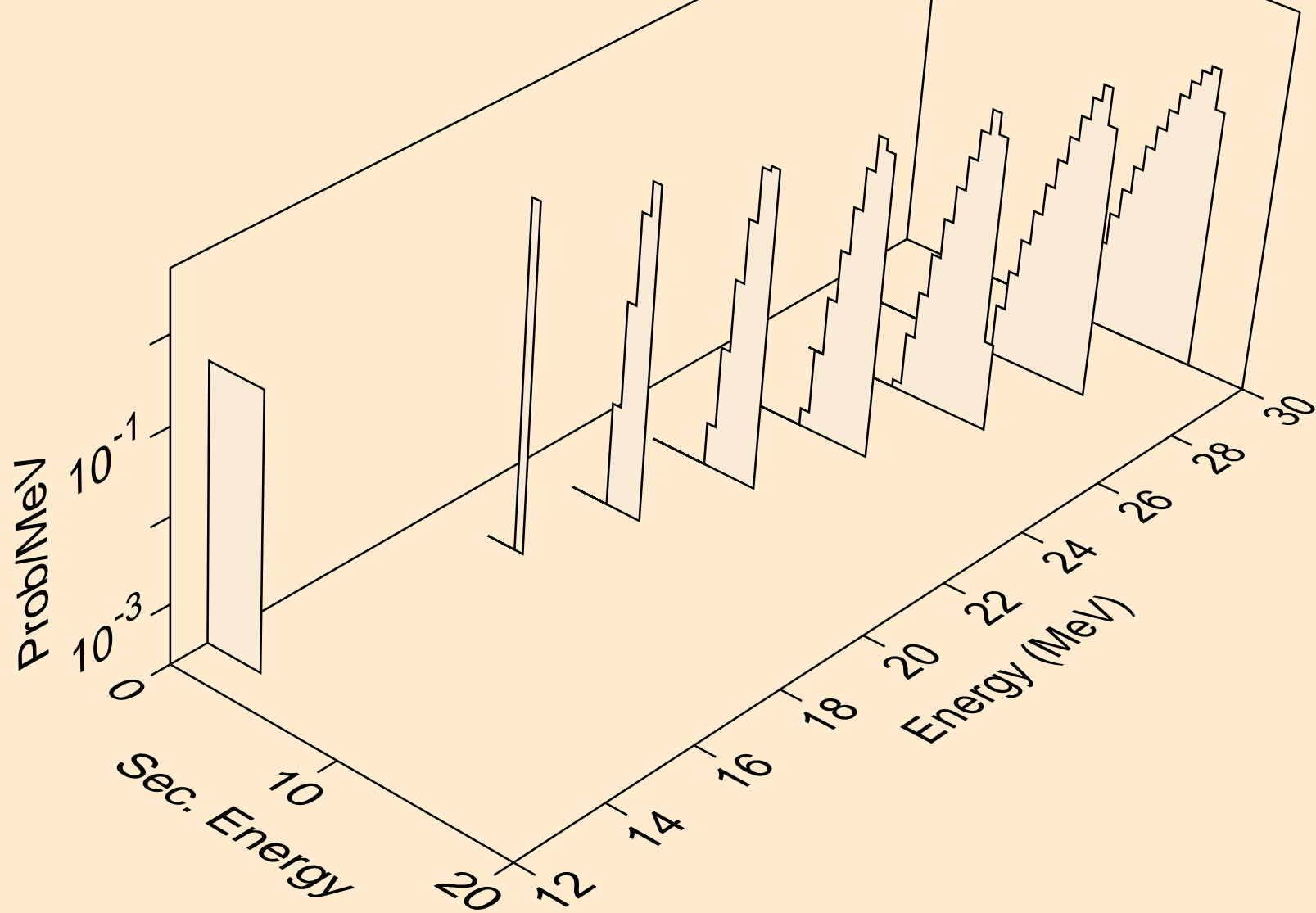
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



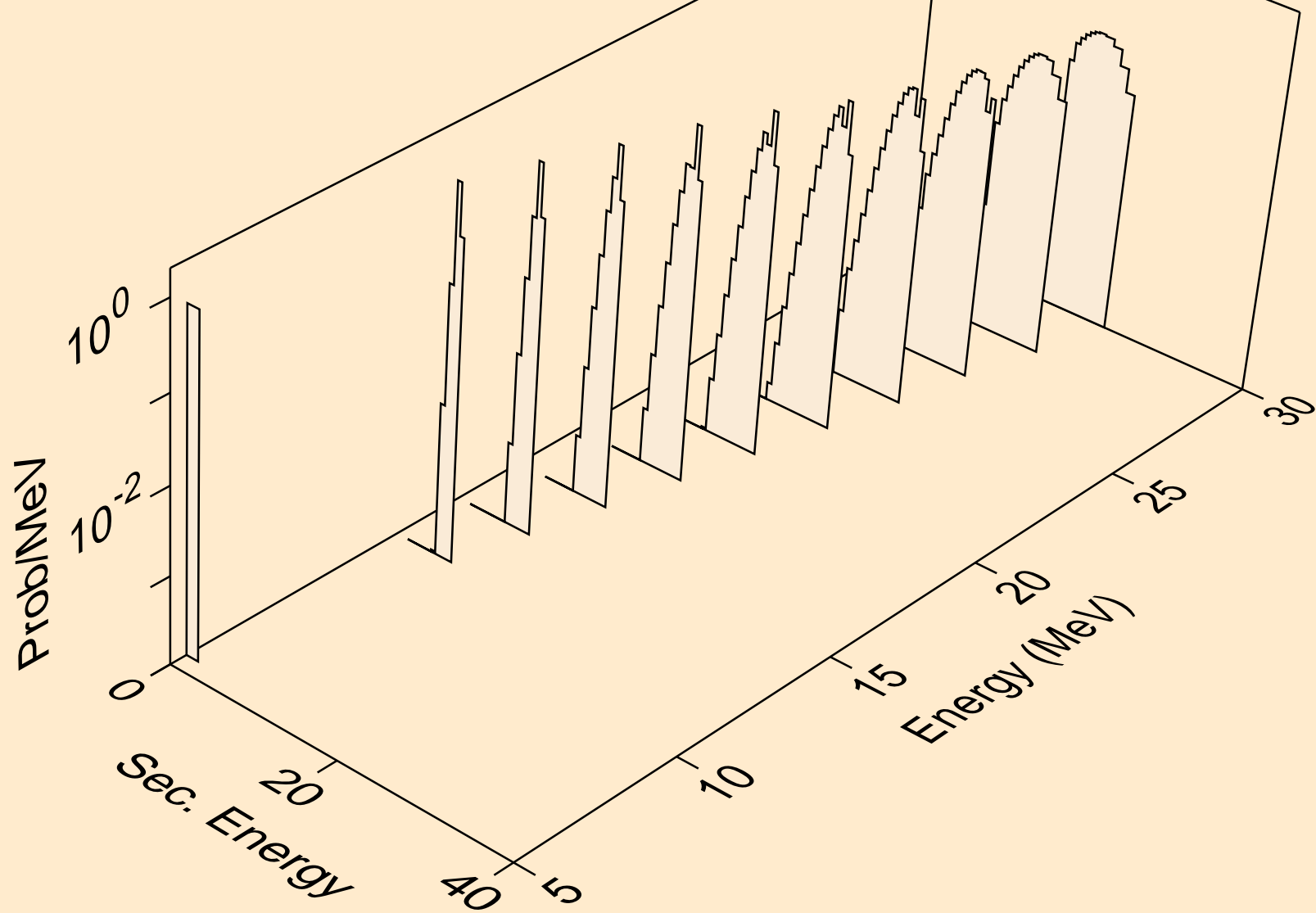
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



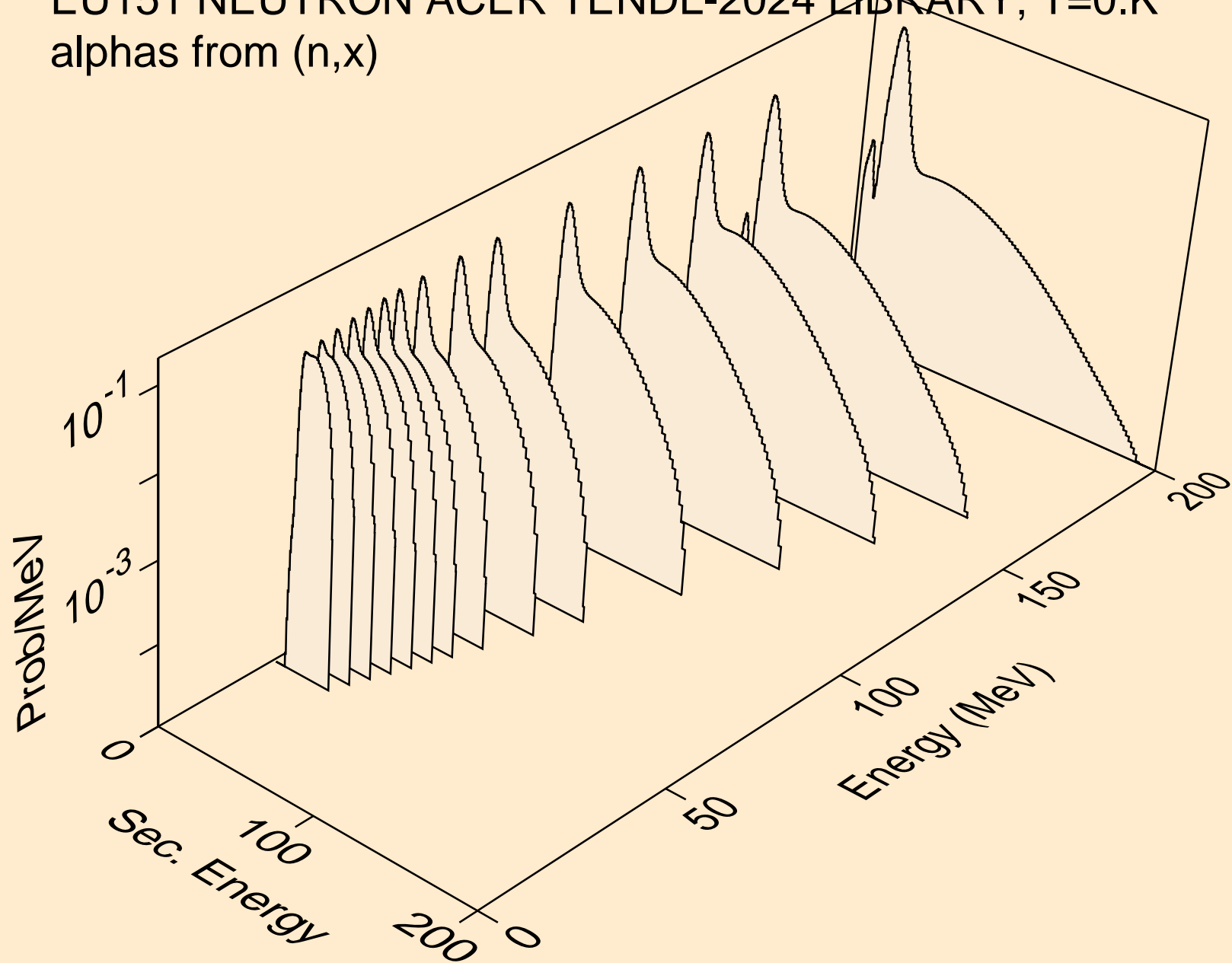
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

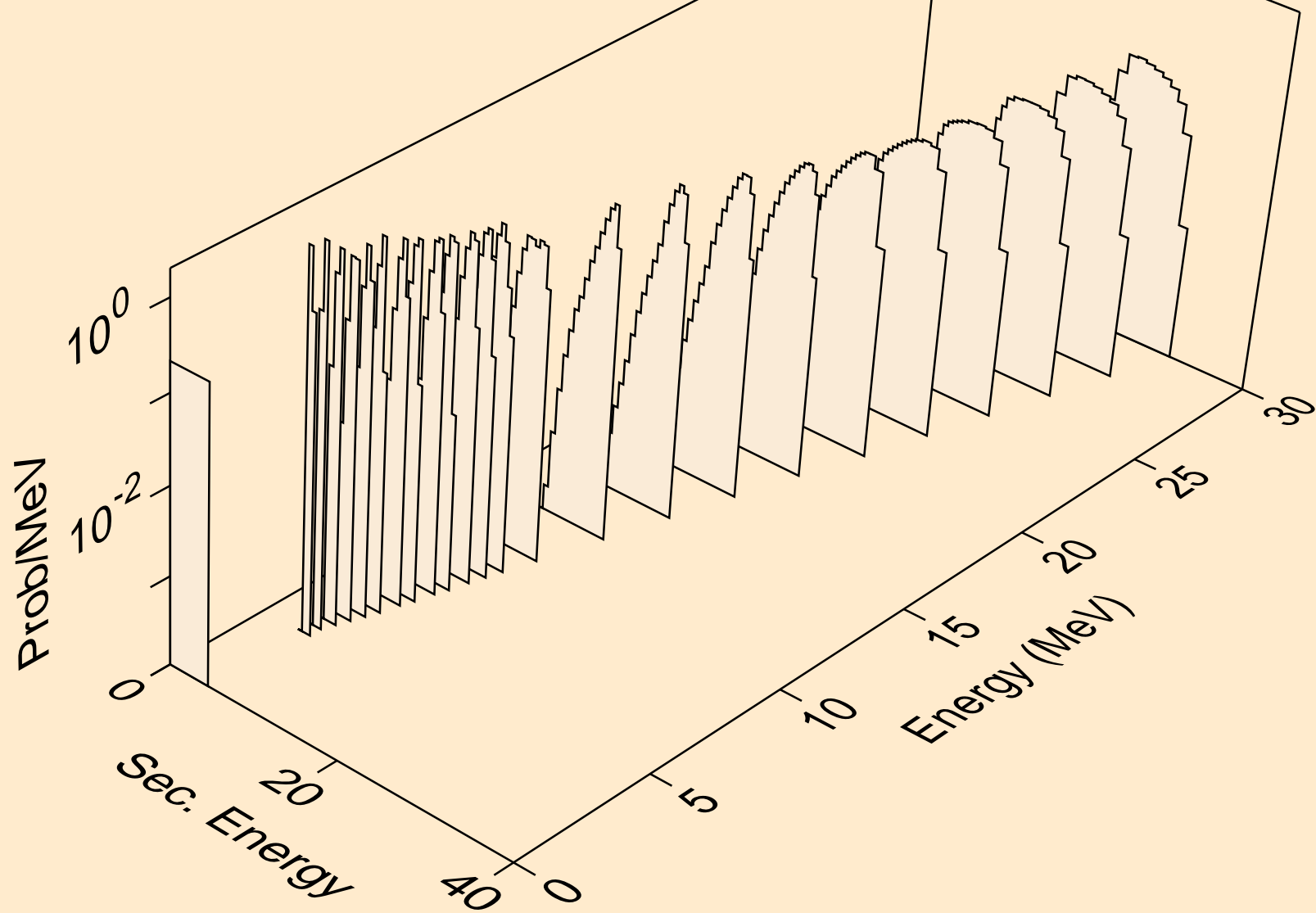


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

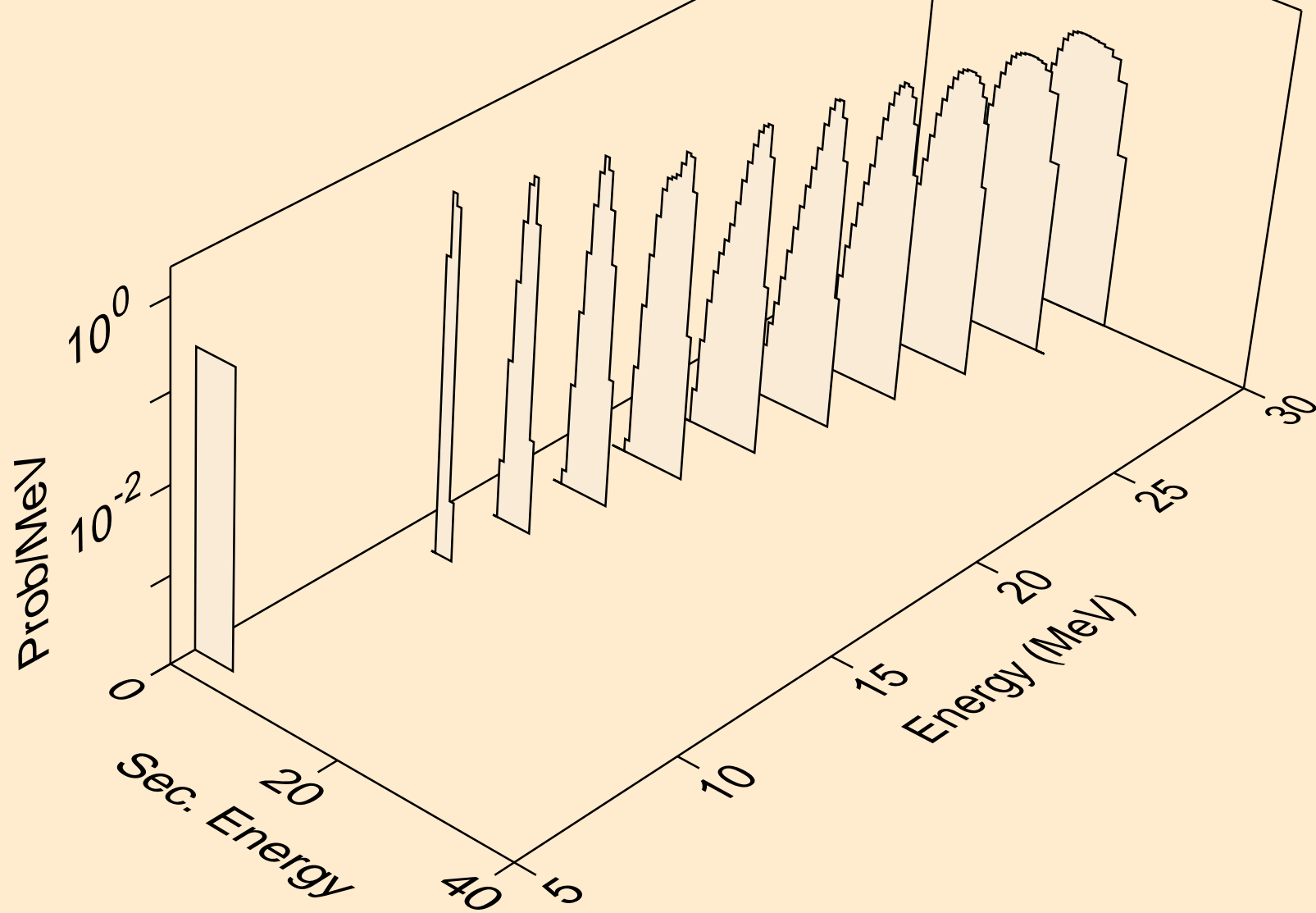




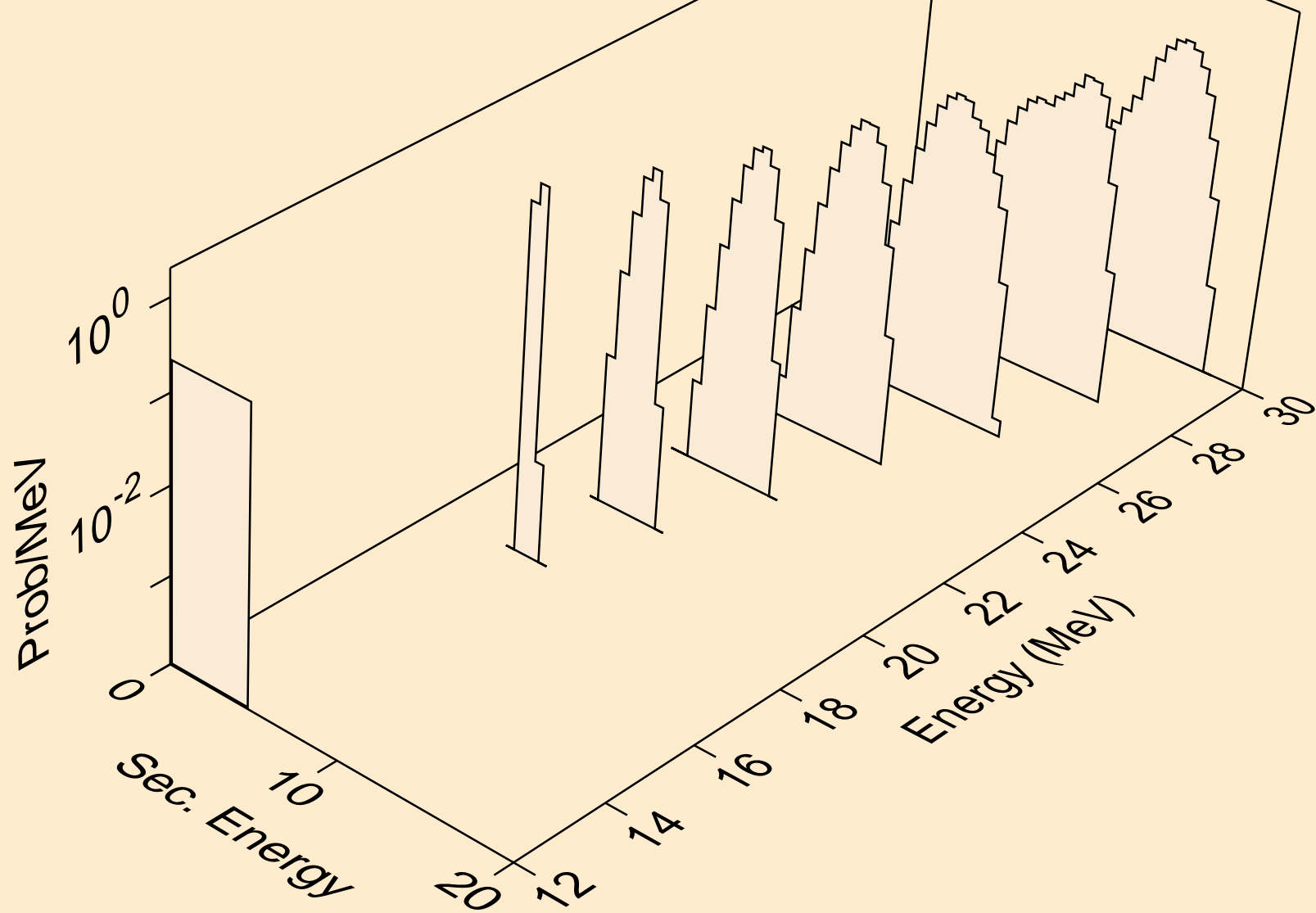
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



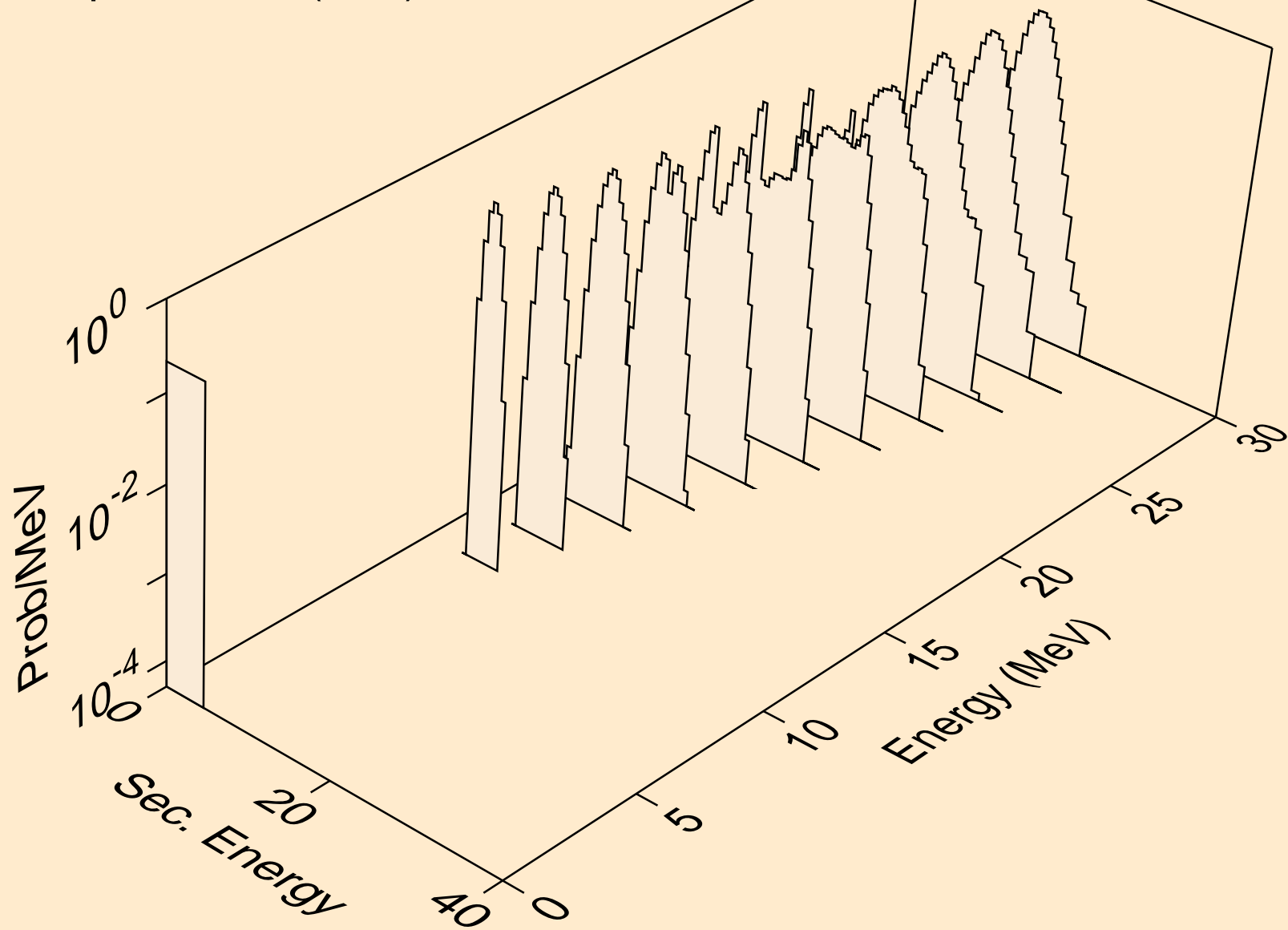
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



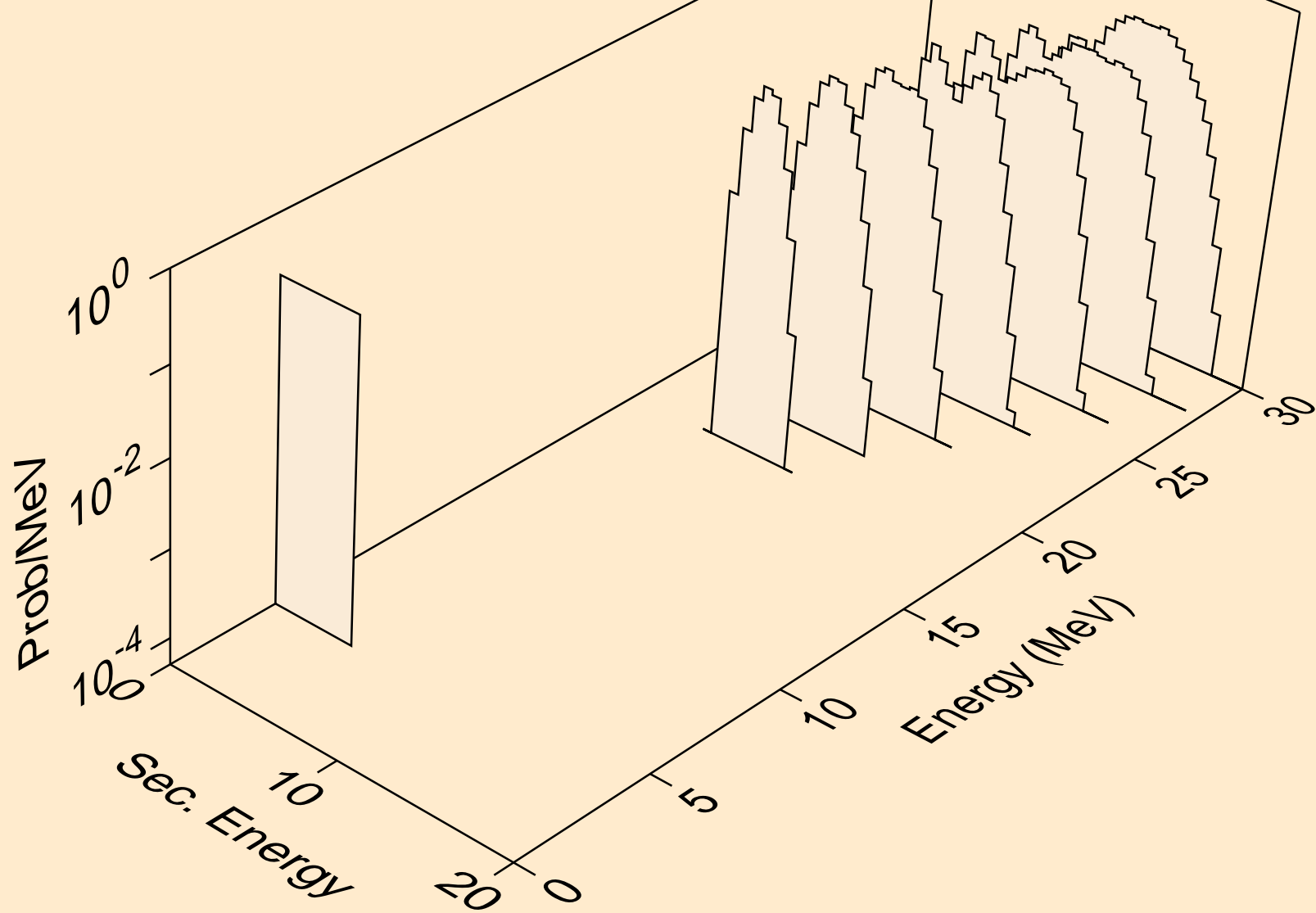
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



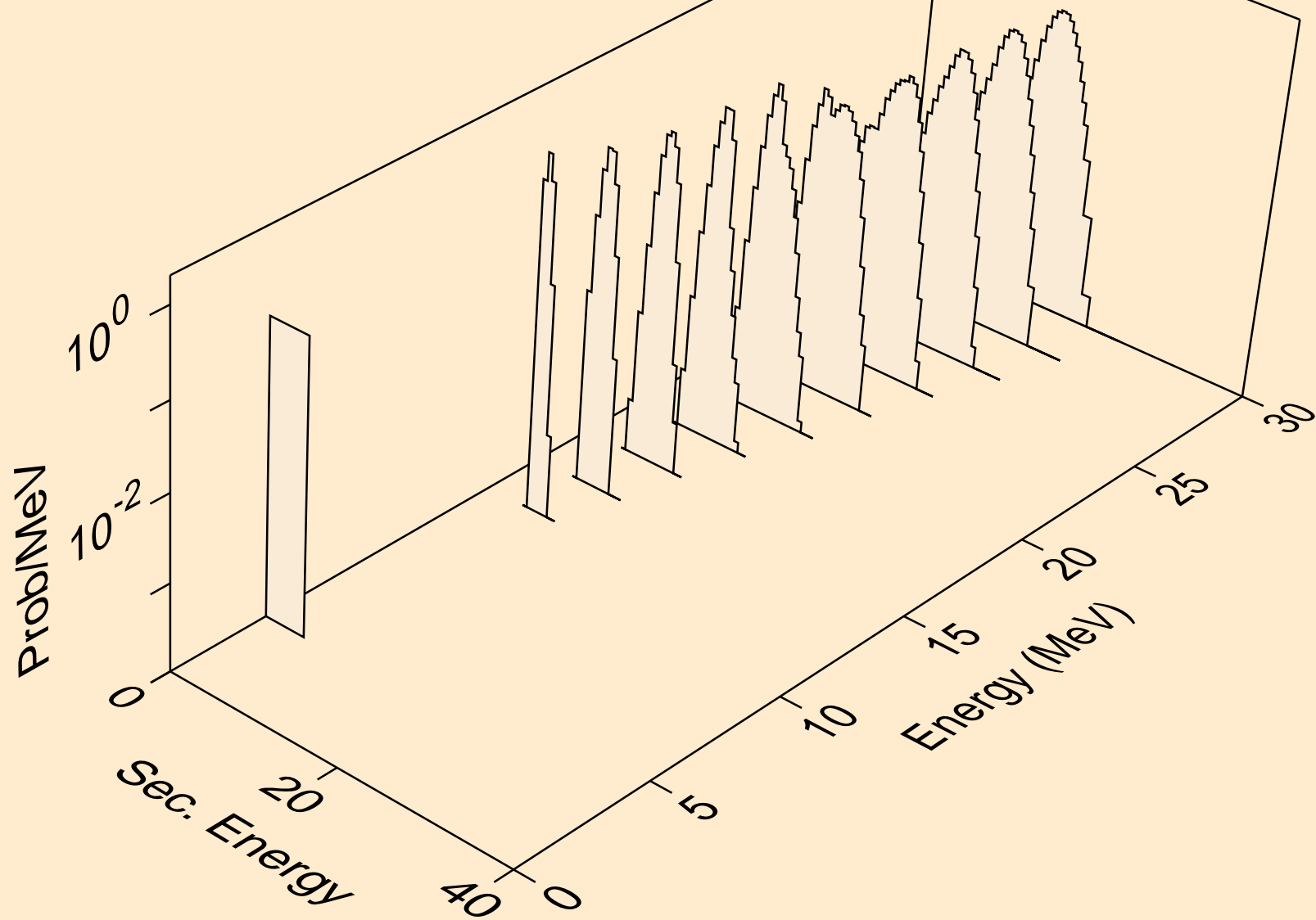
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



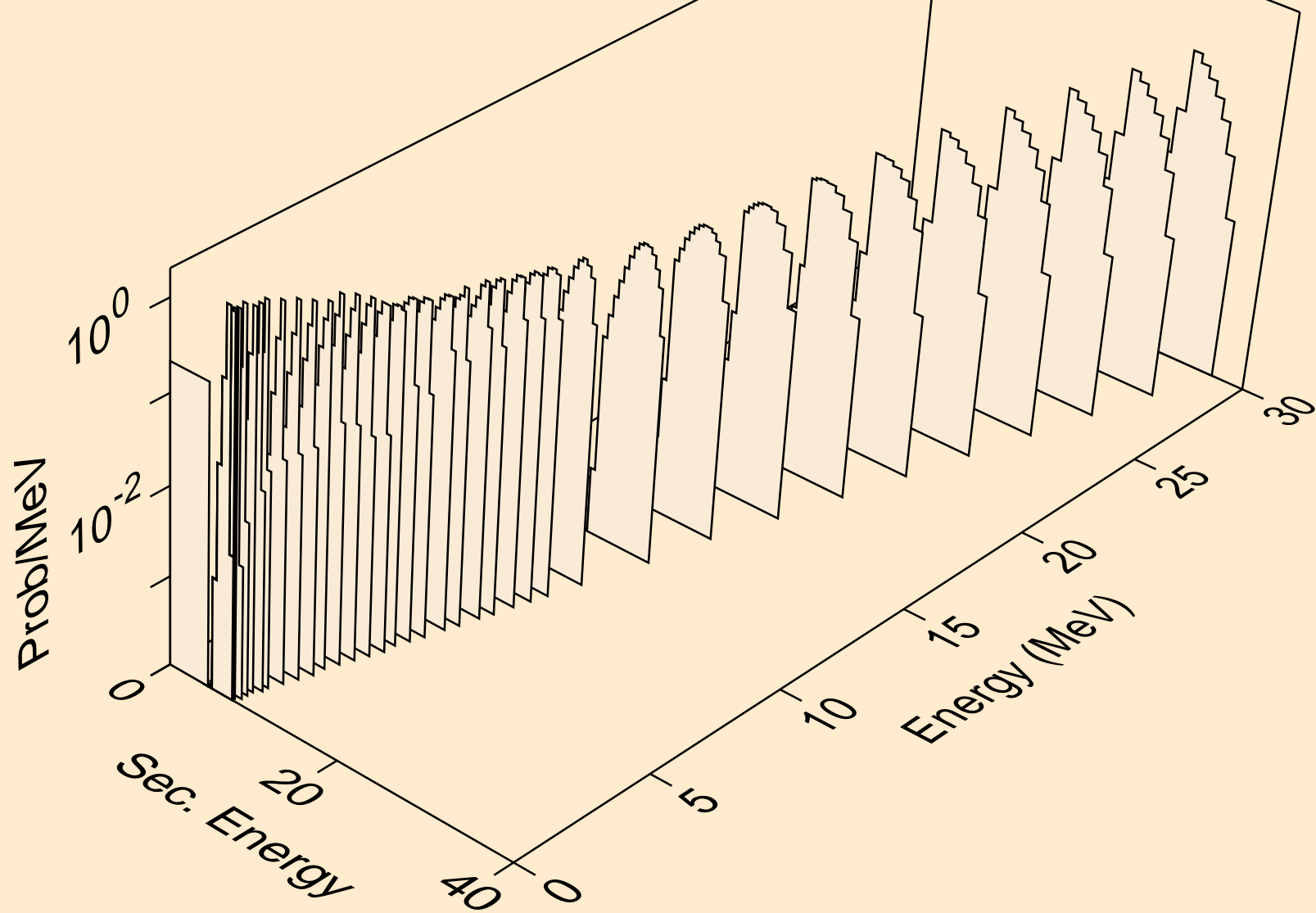
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



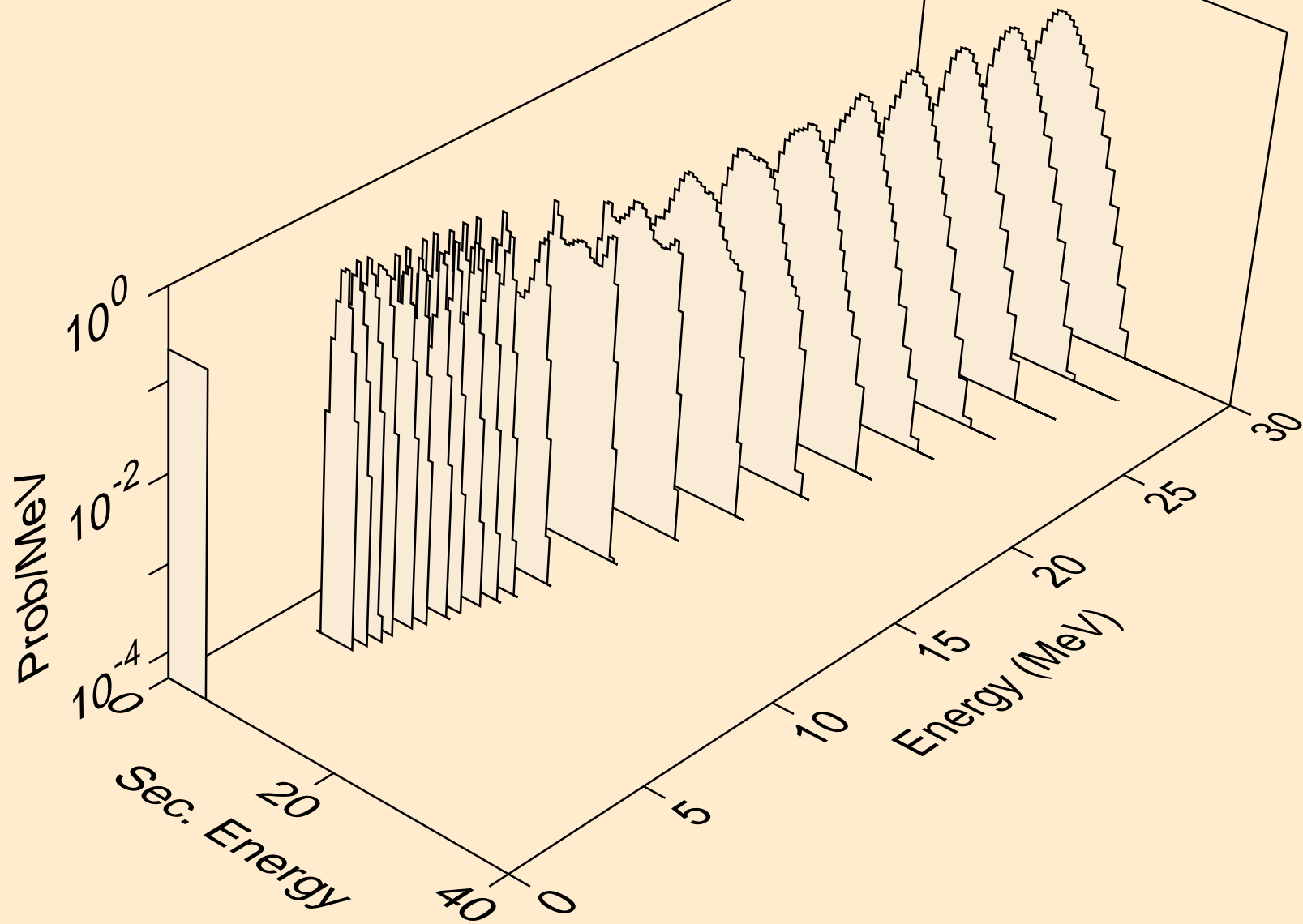
EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

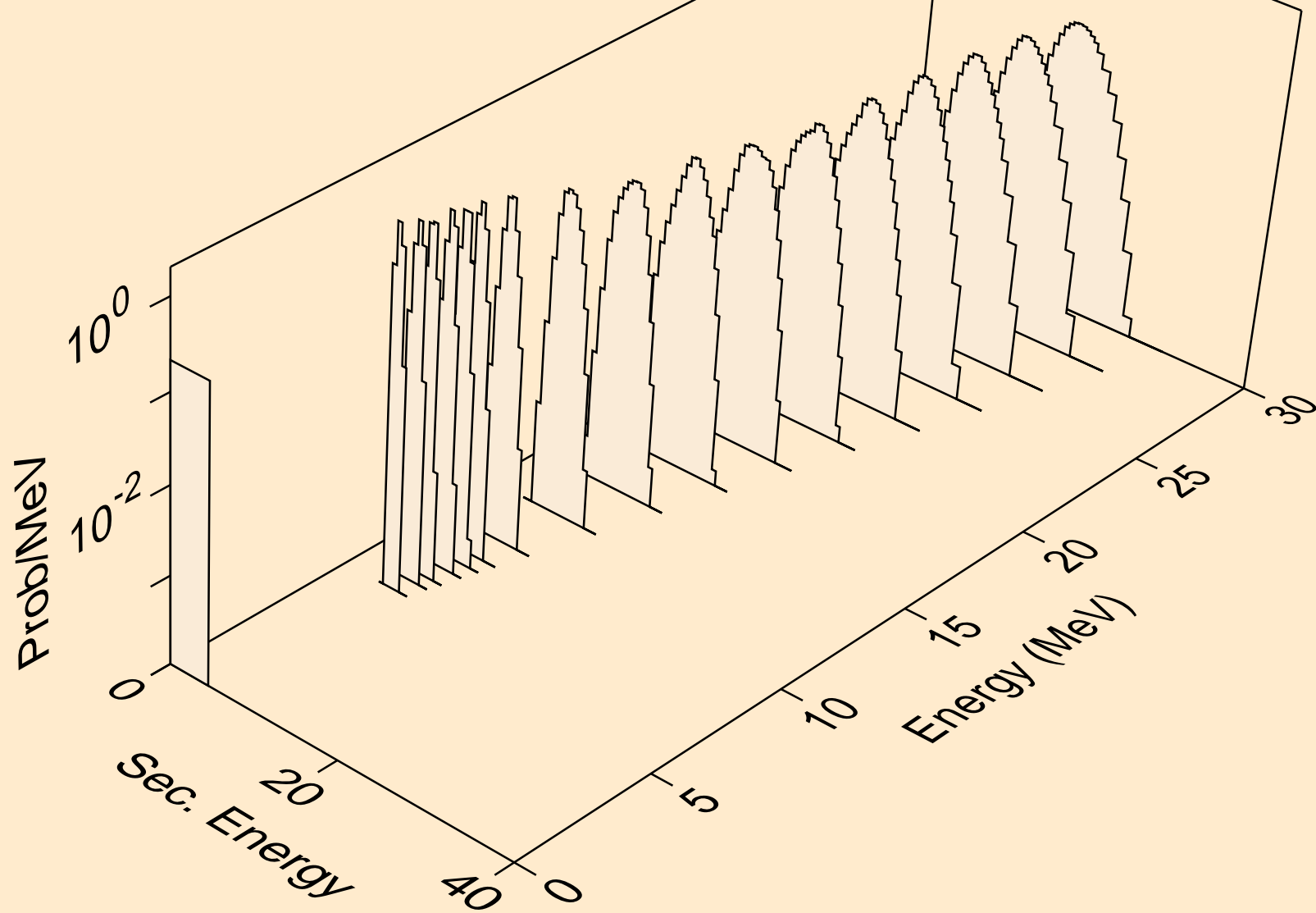


EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)





EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



EU151 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

