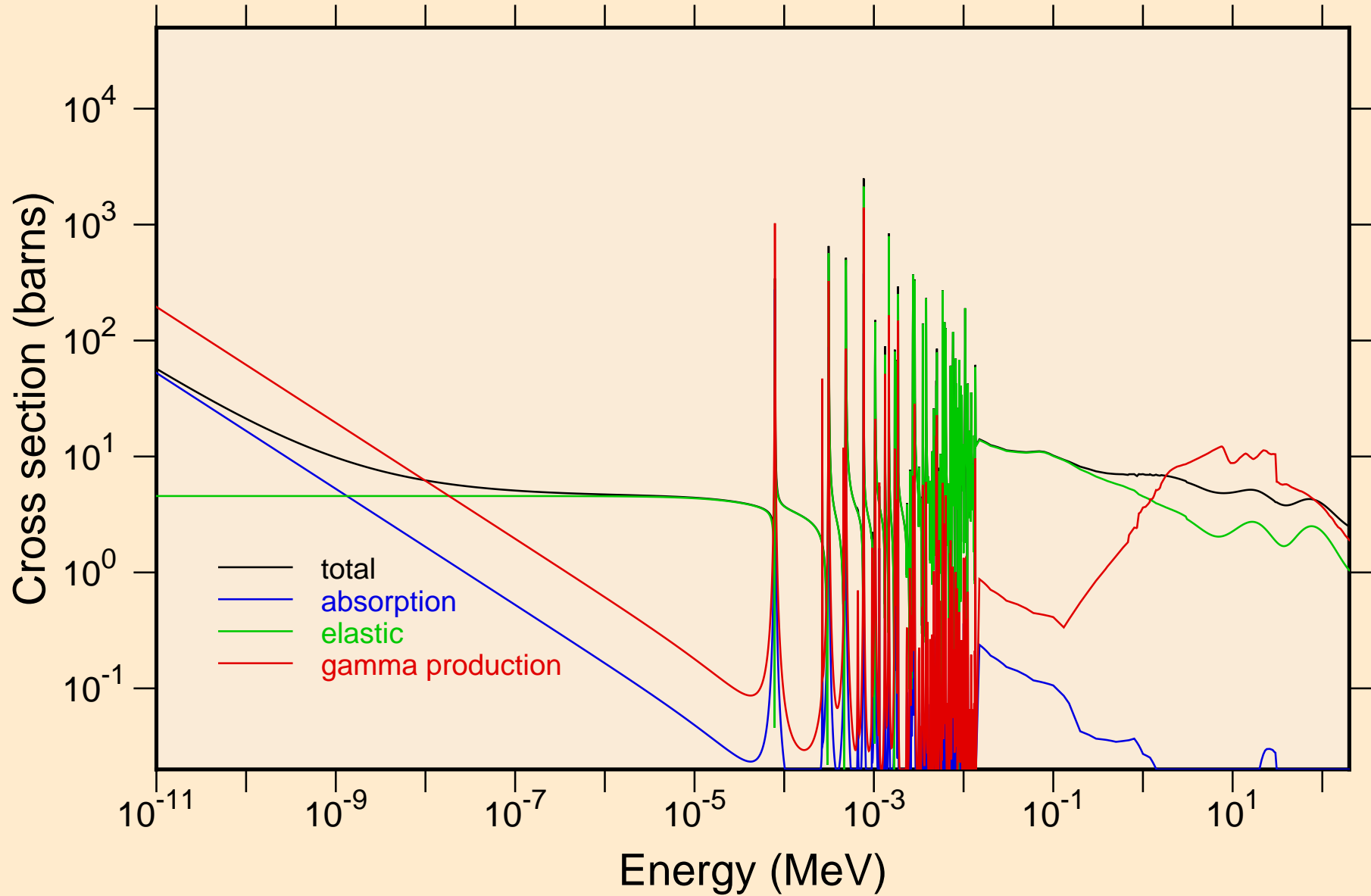
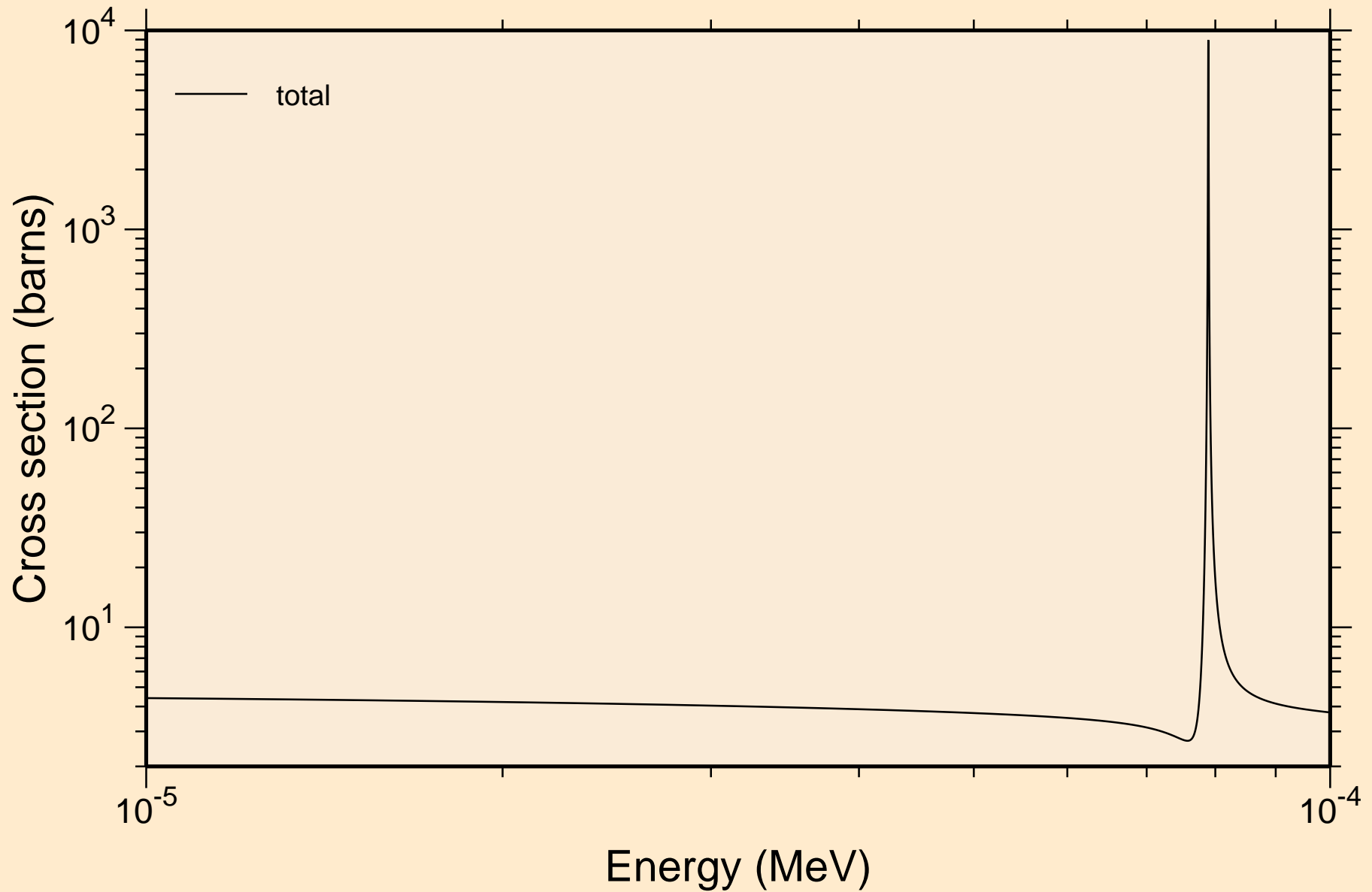


# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

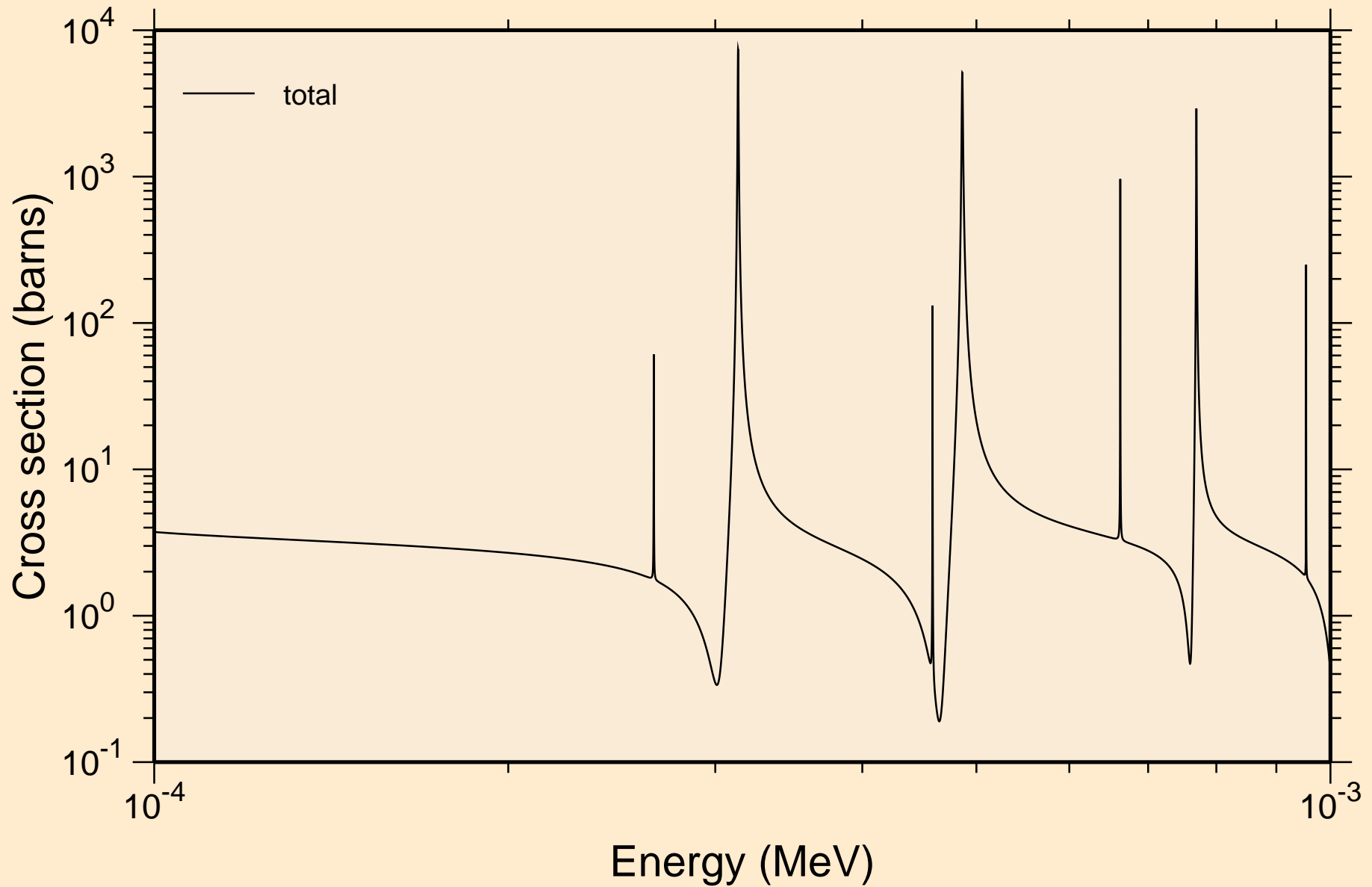
## Principal cross sections



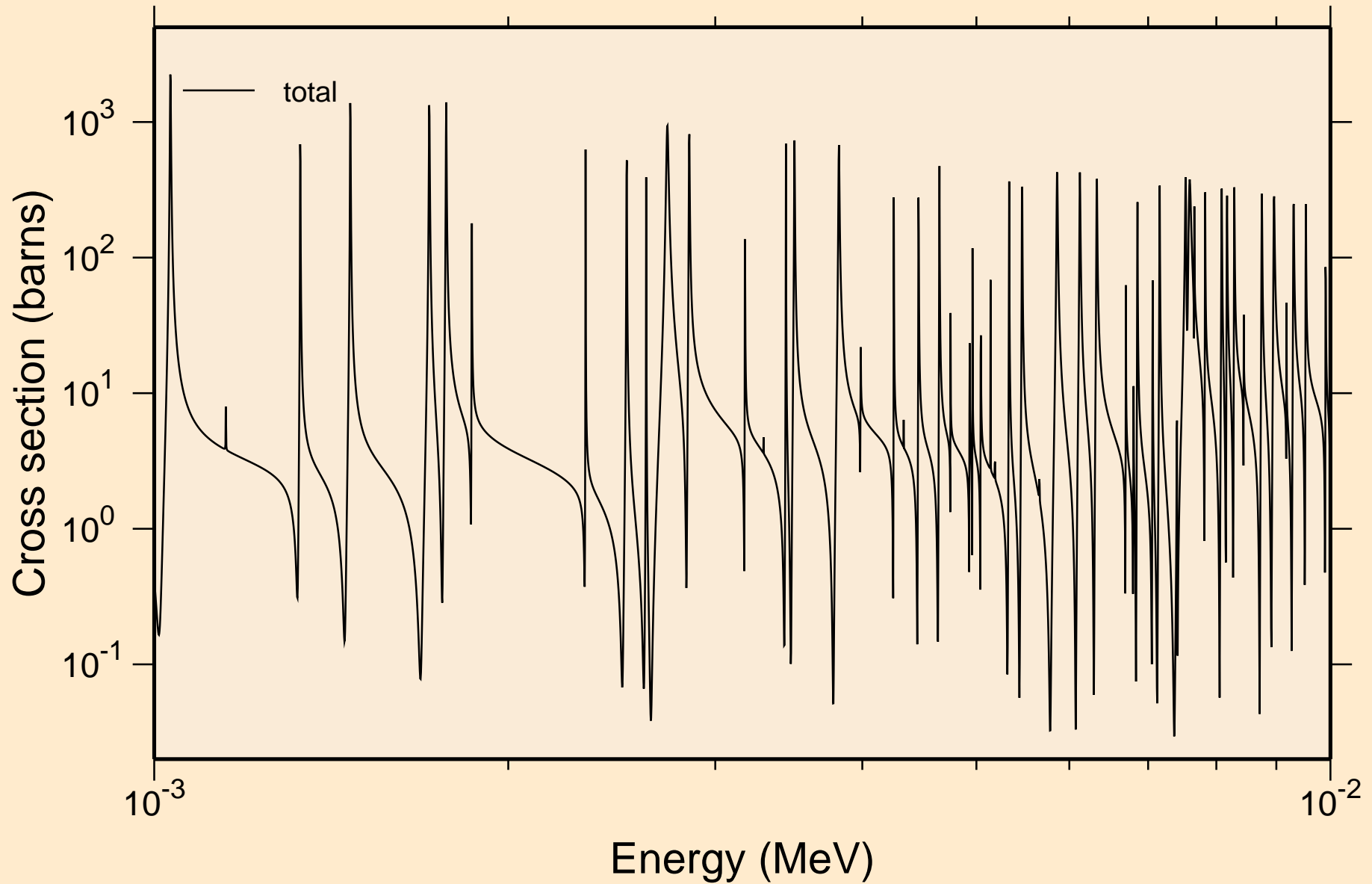
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



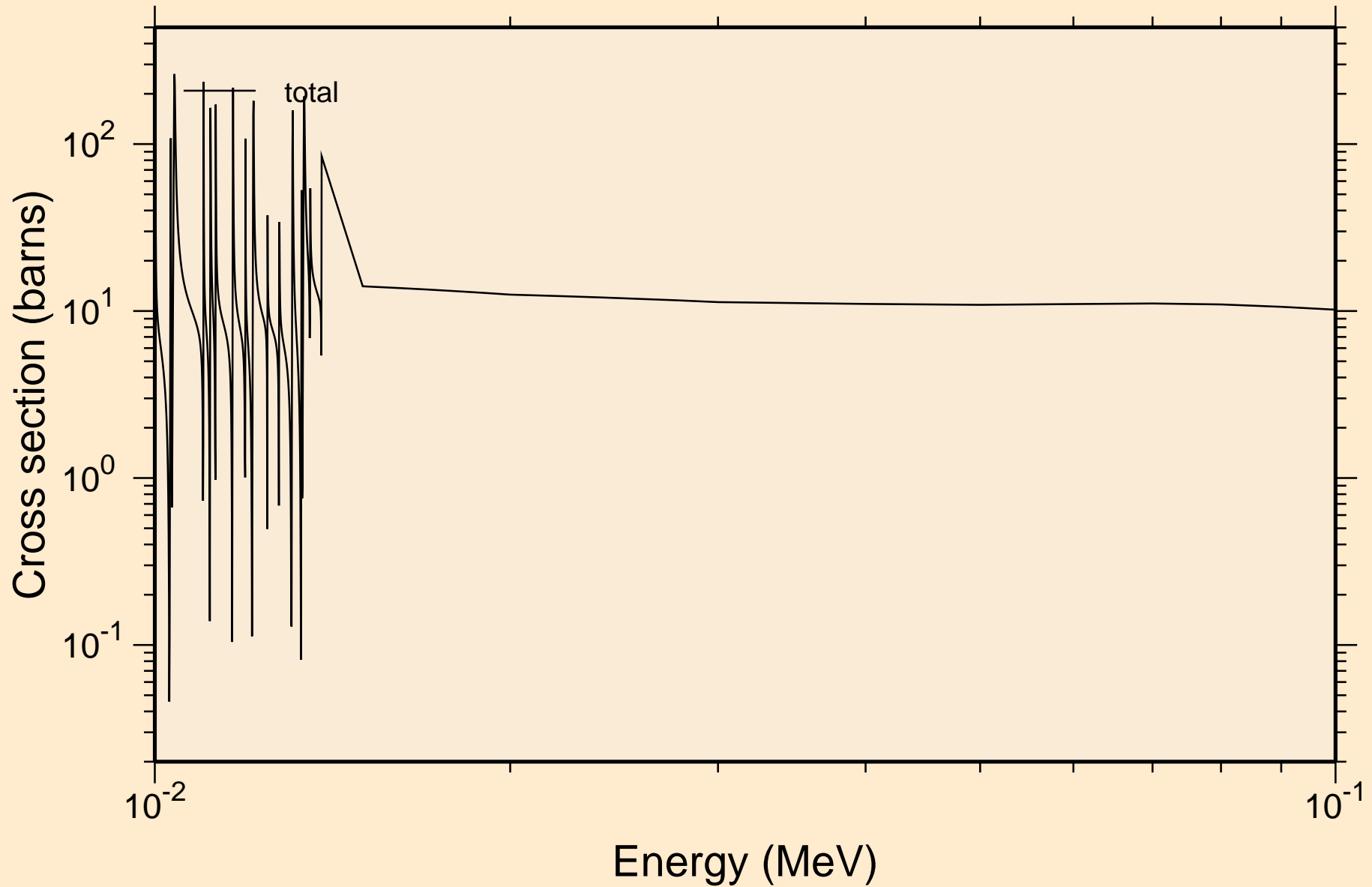
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



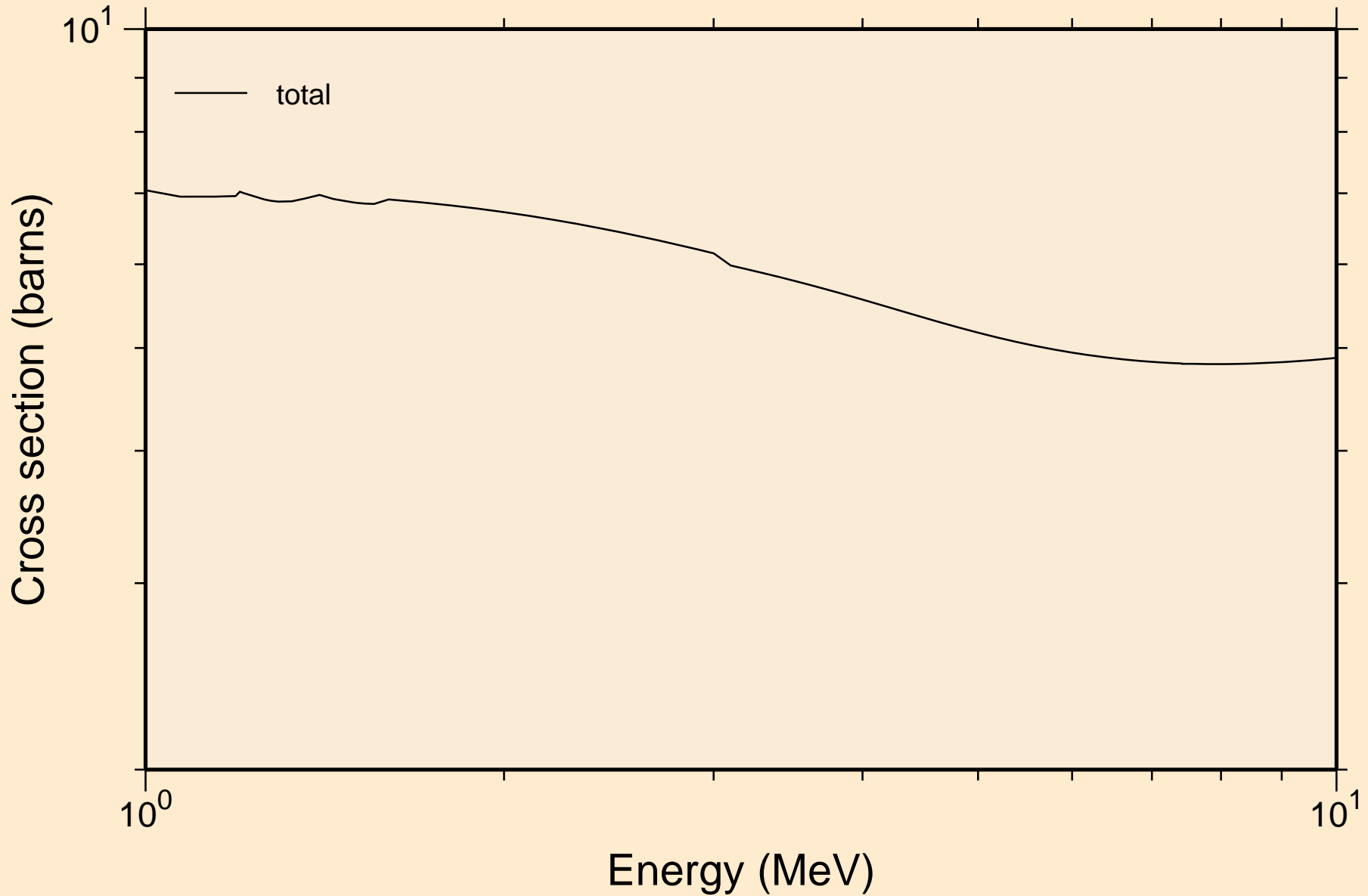
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



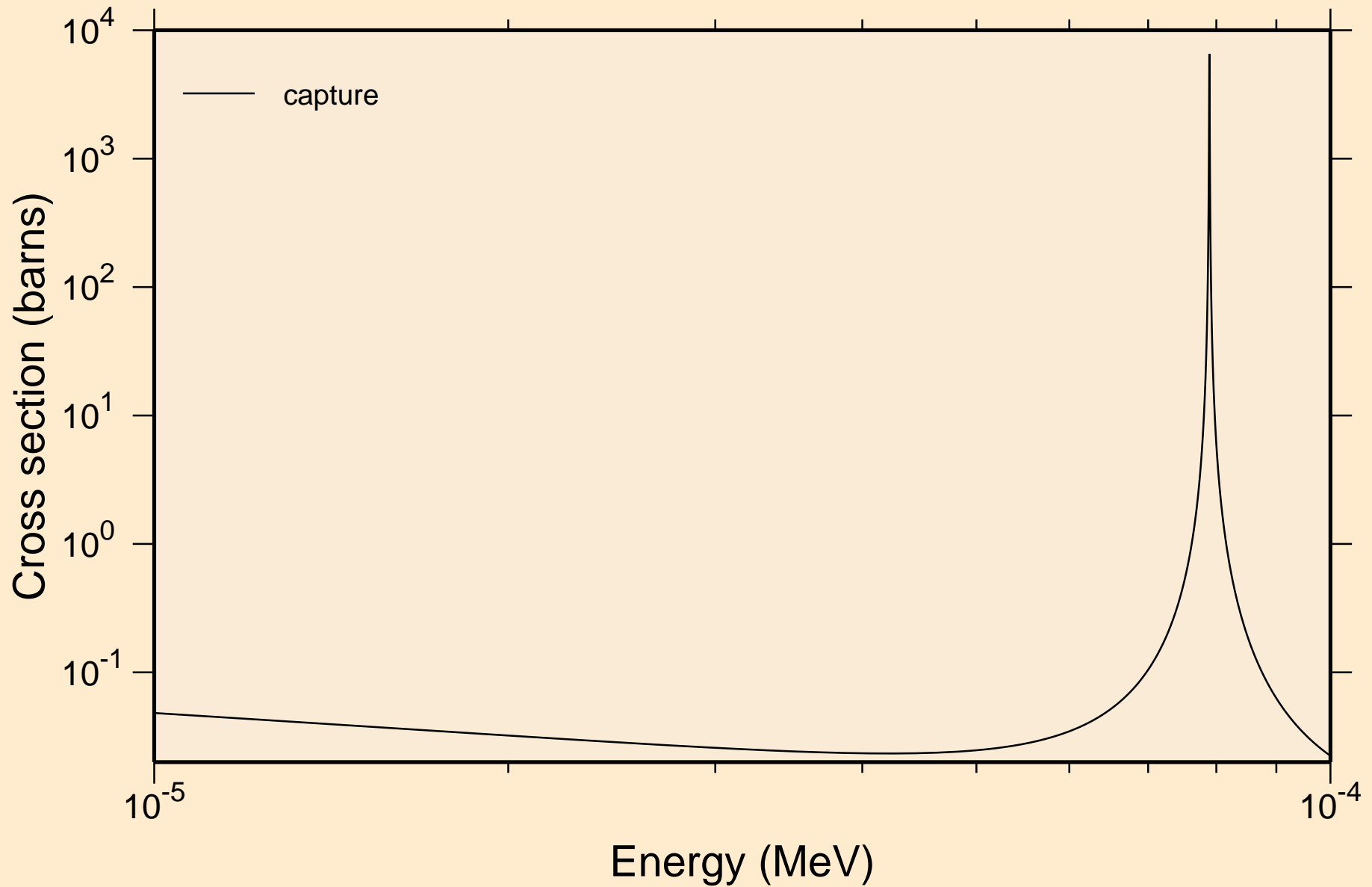
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



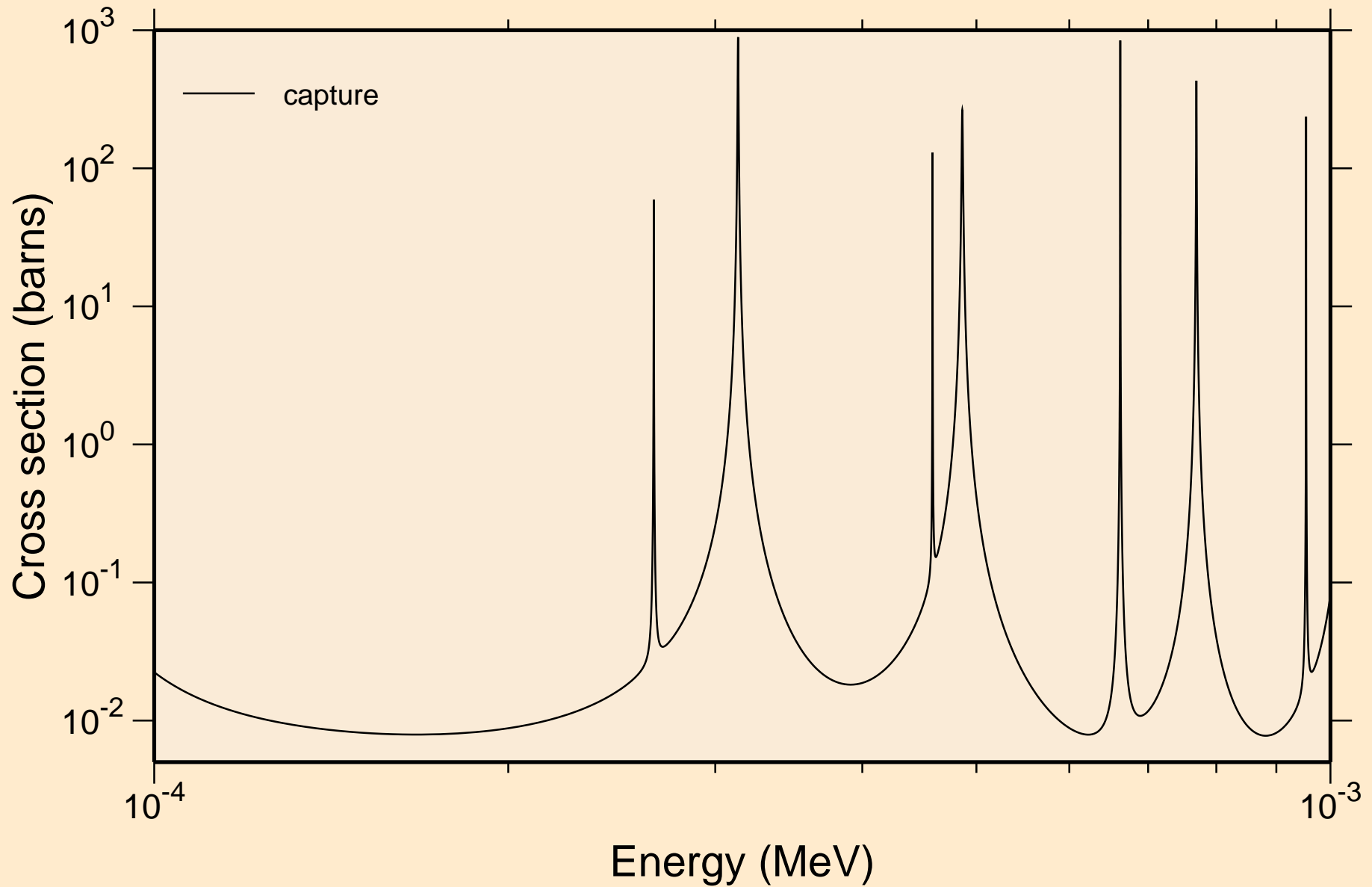
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

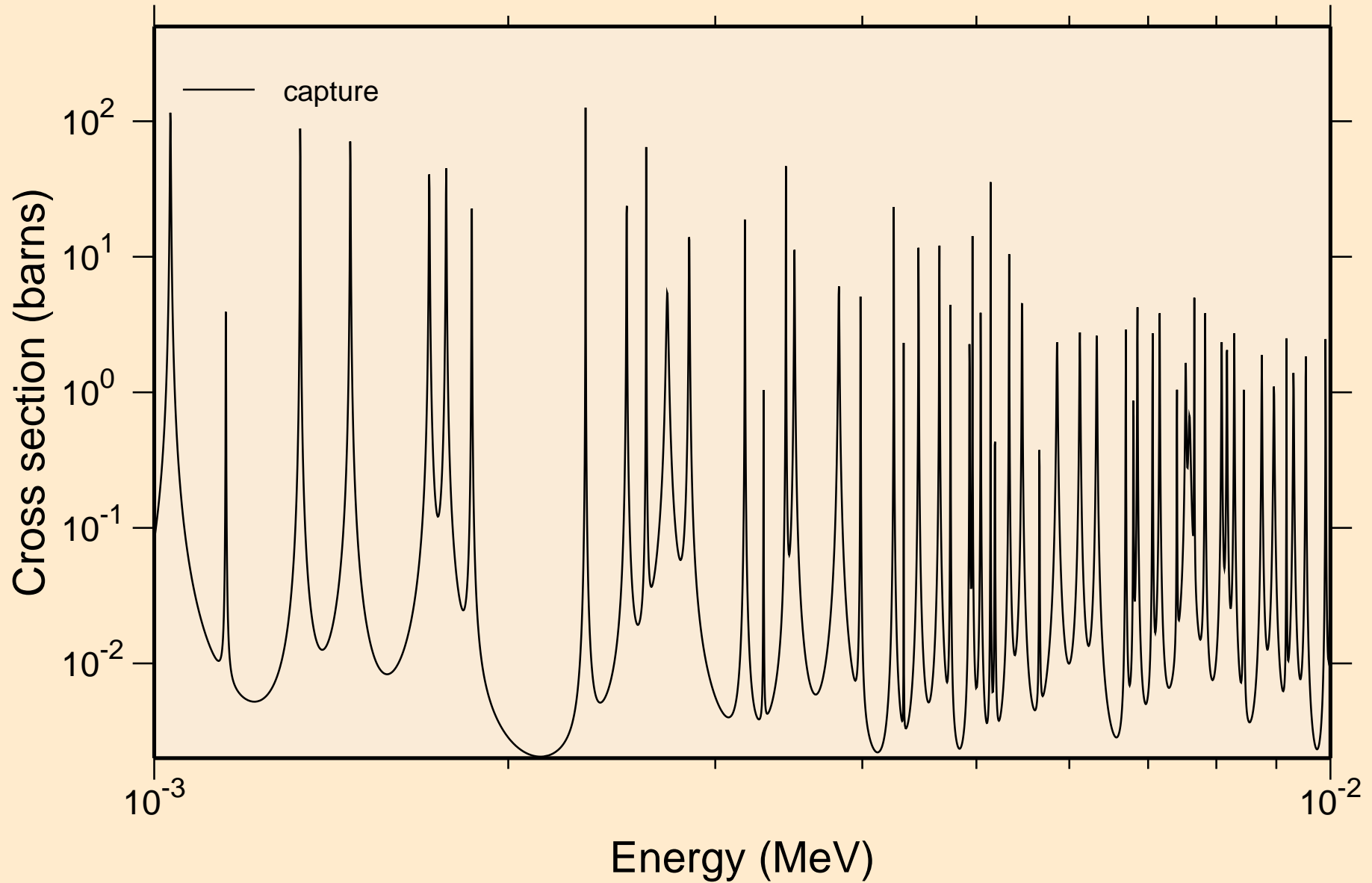


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

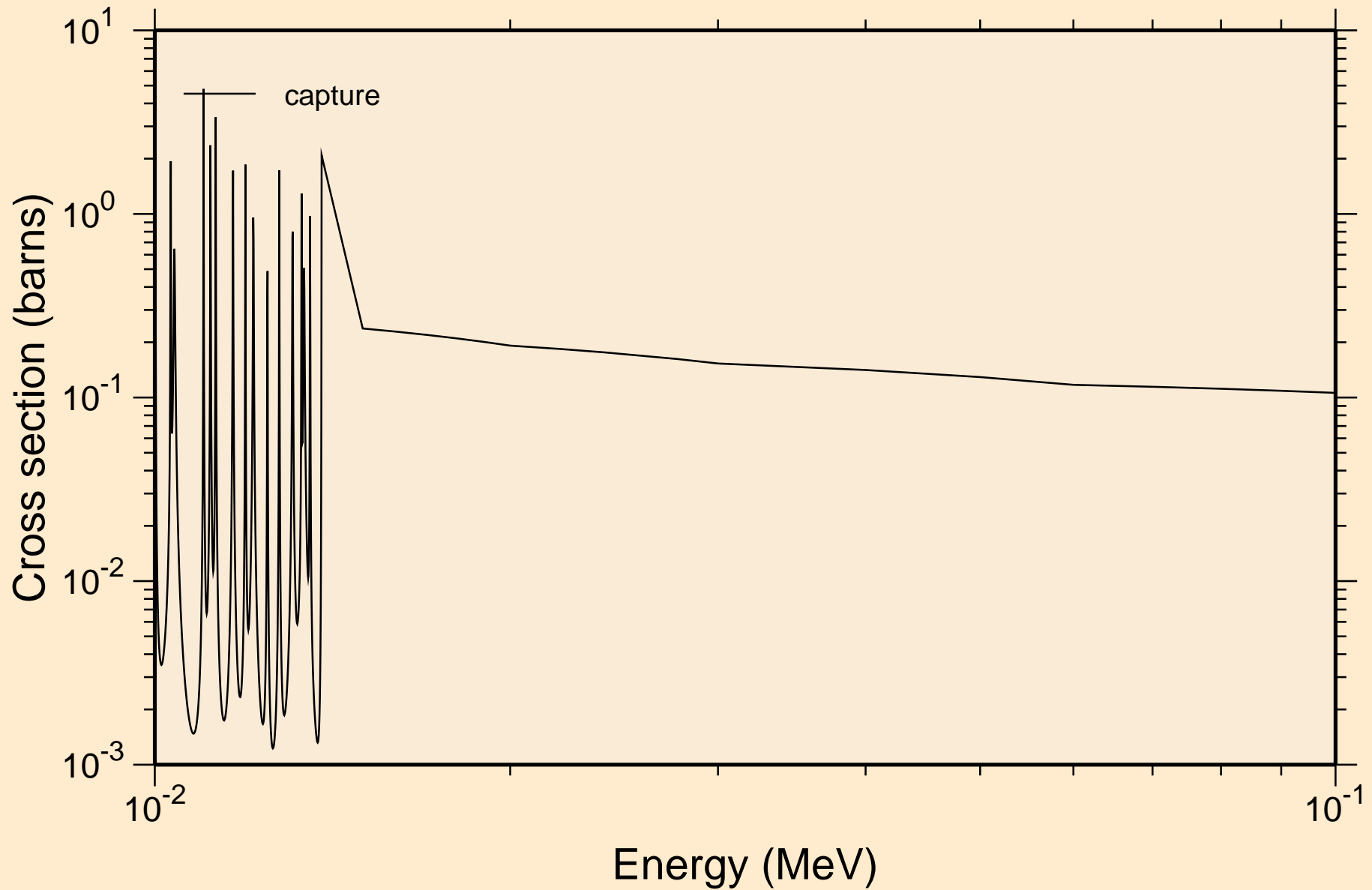




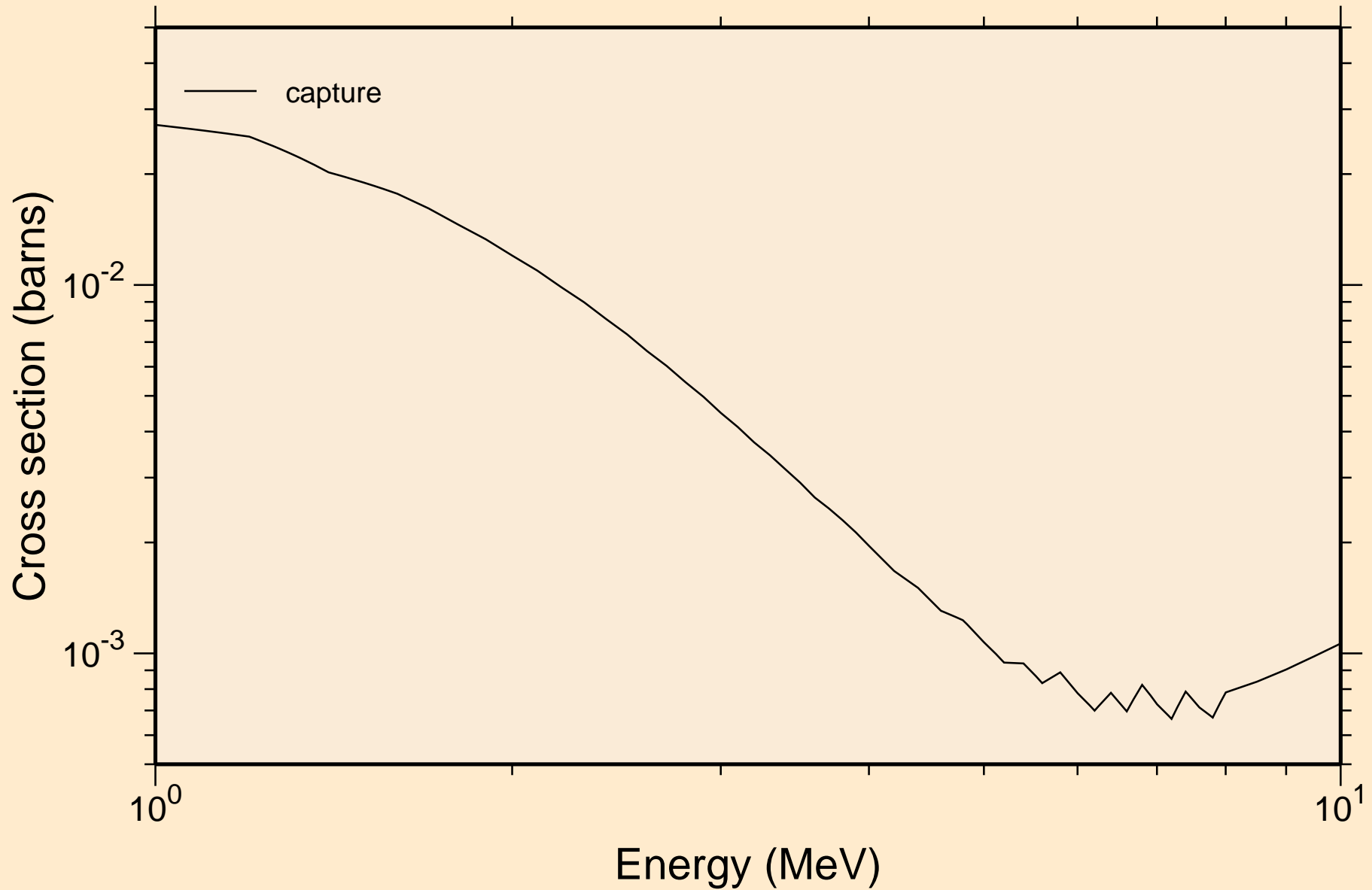
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



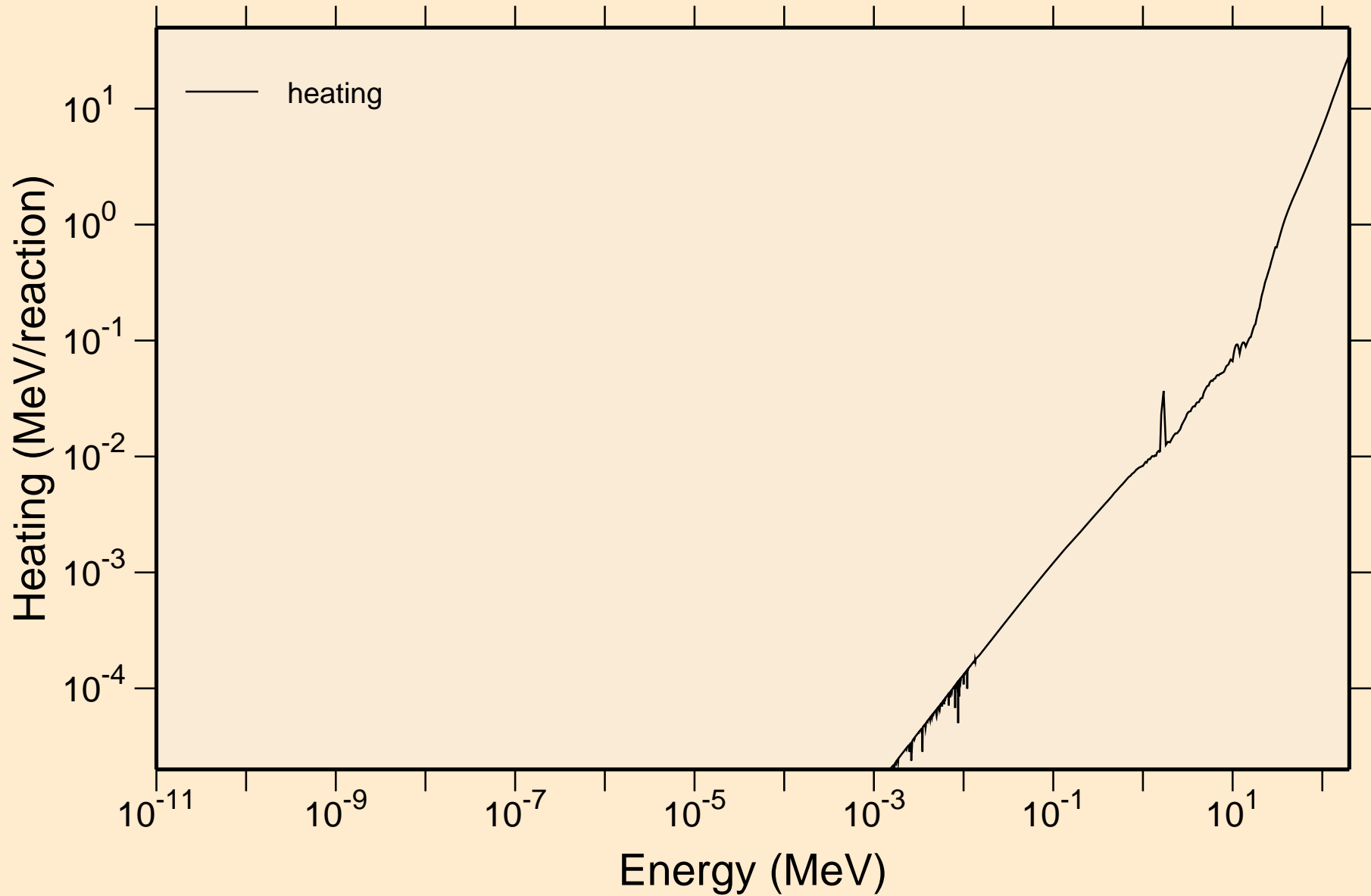
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

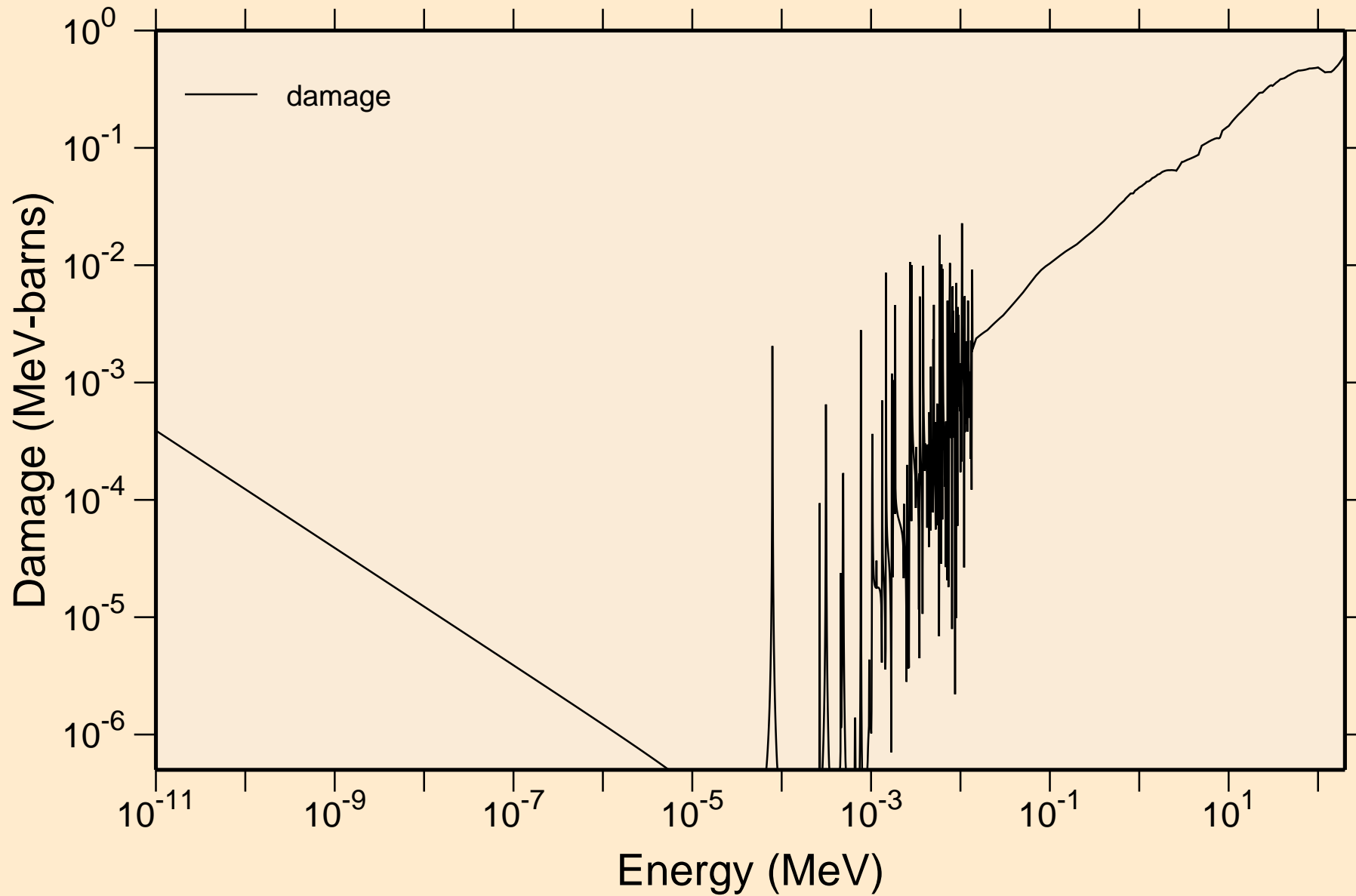


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



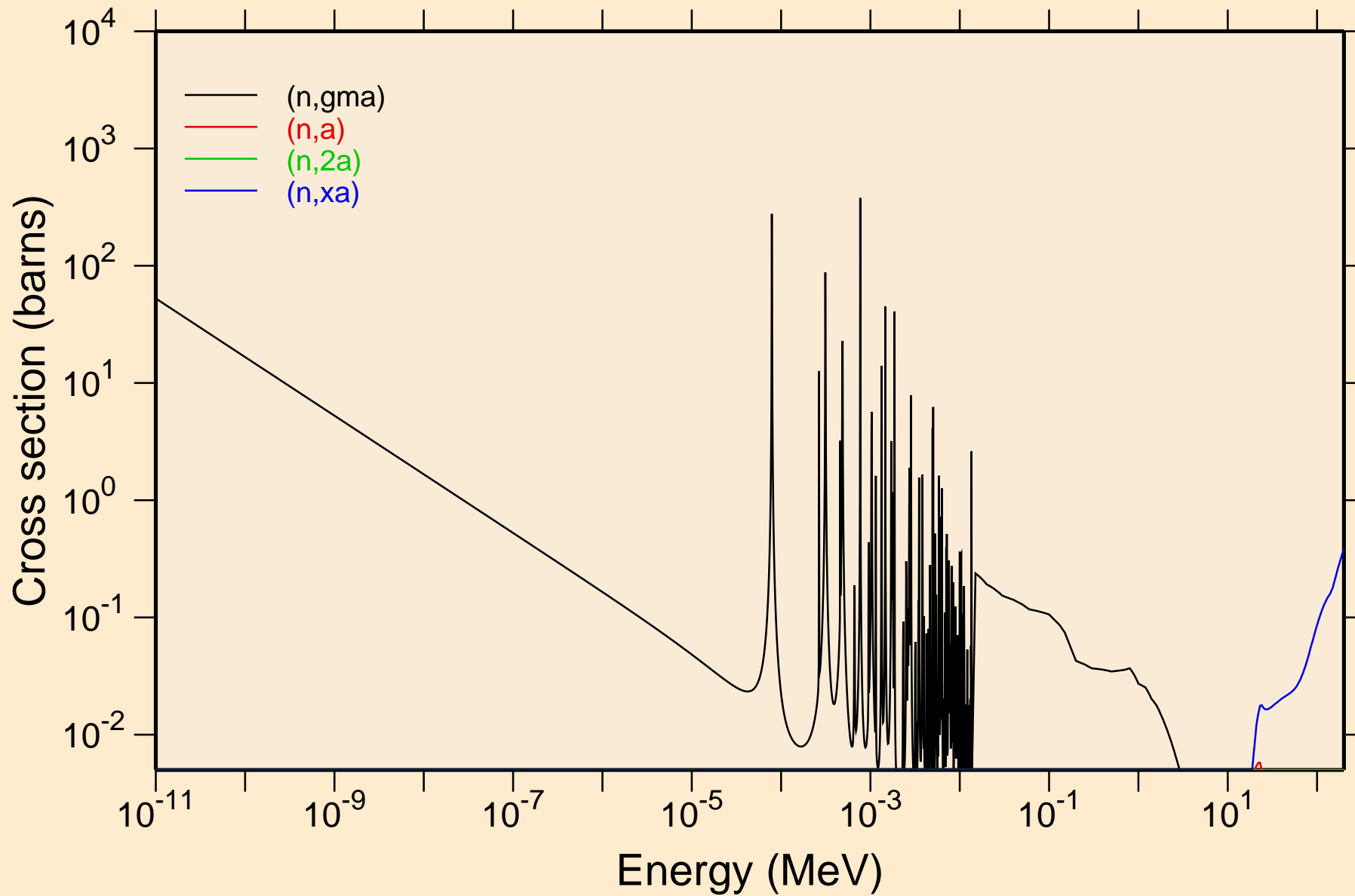
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



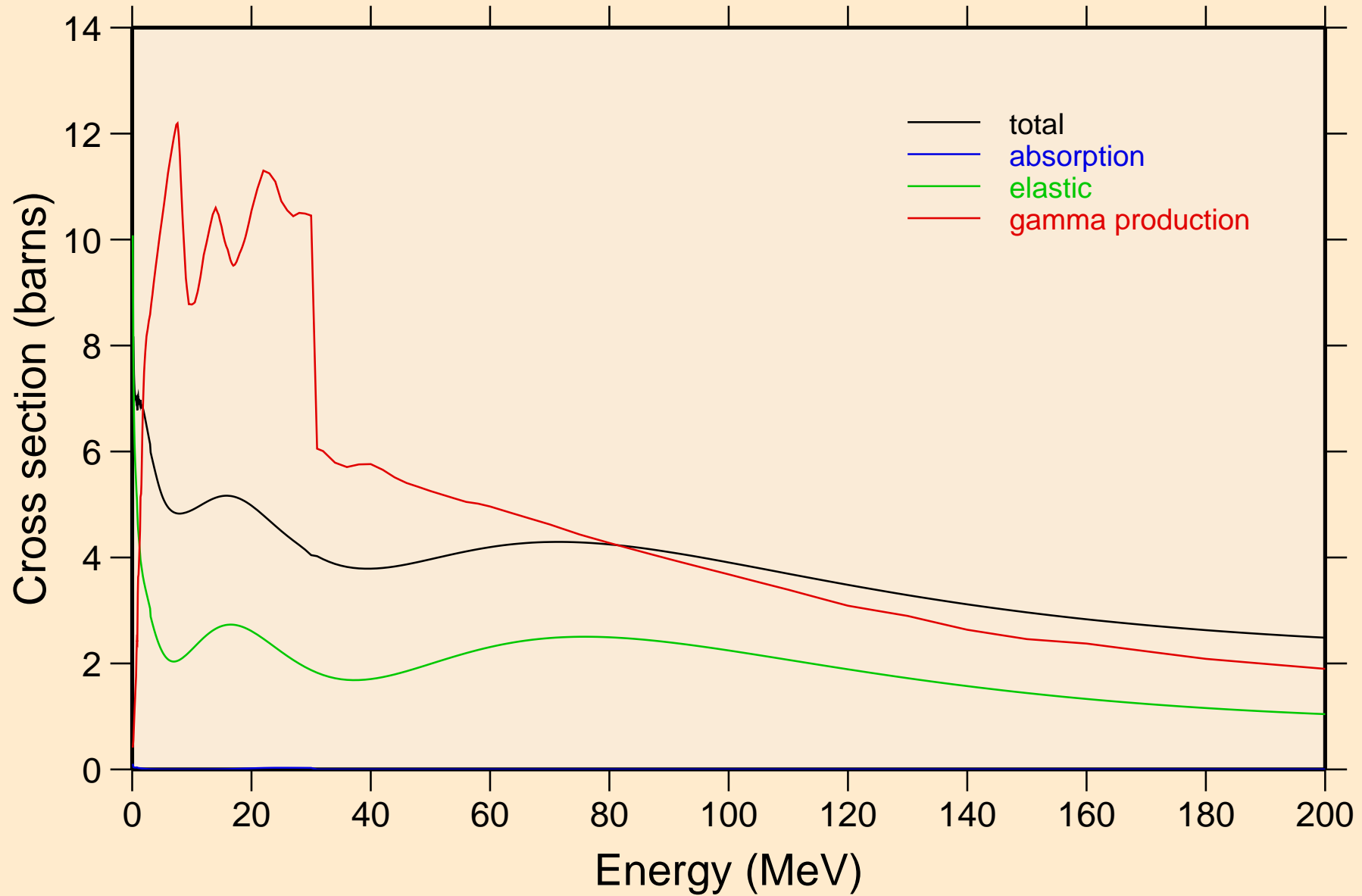
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



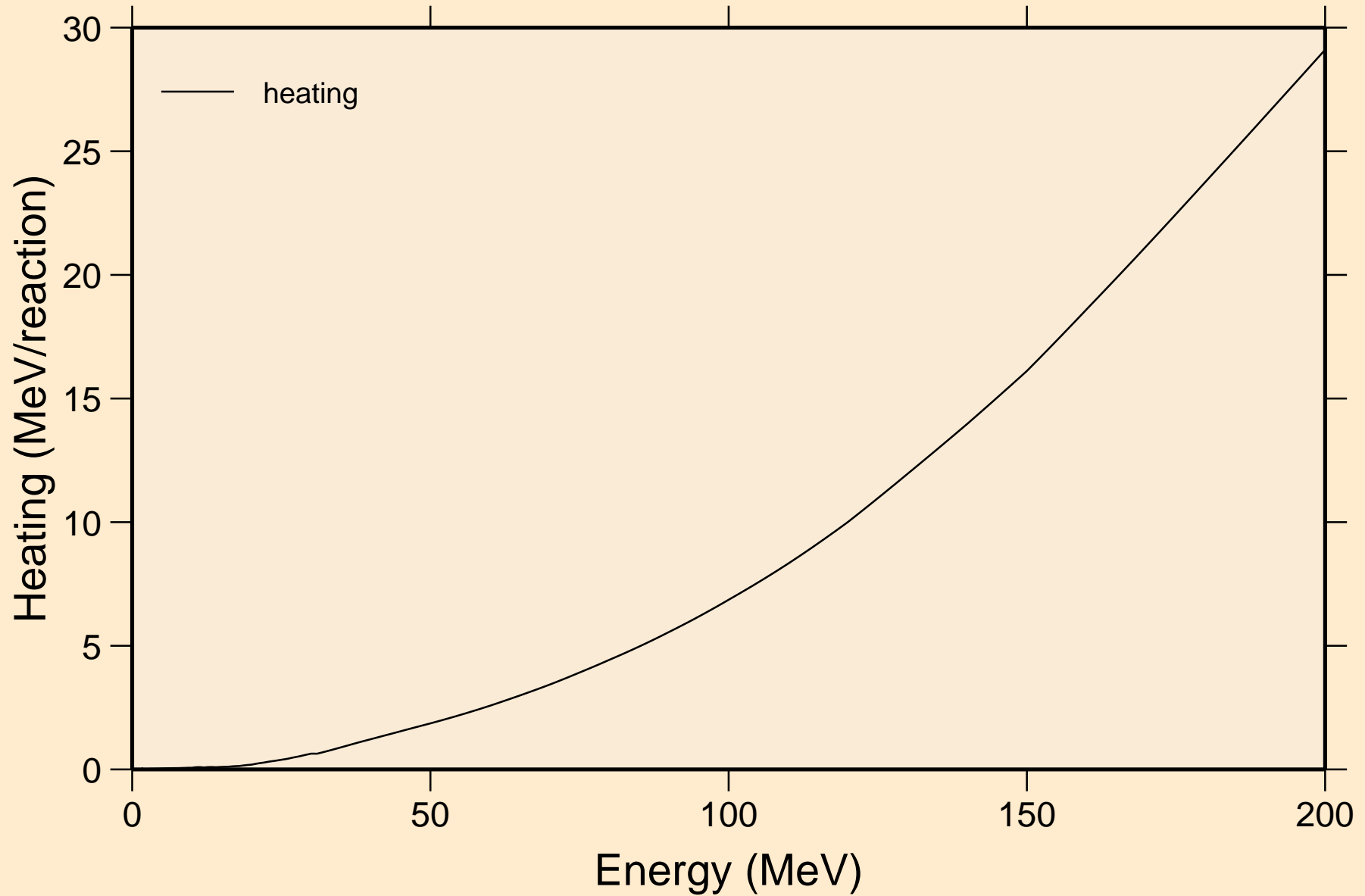
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

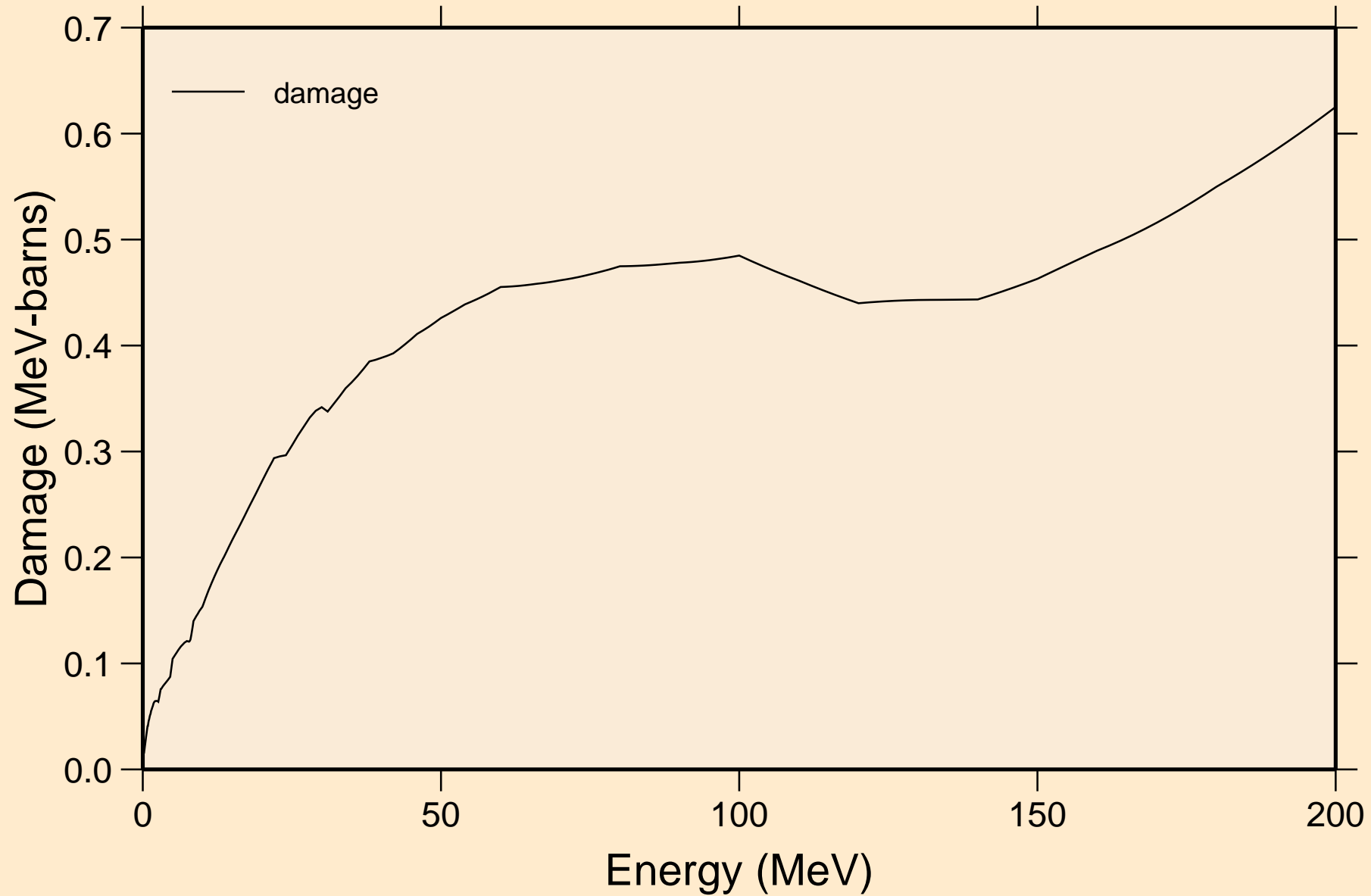
## Heating



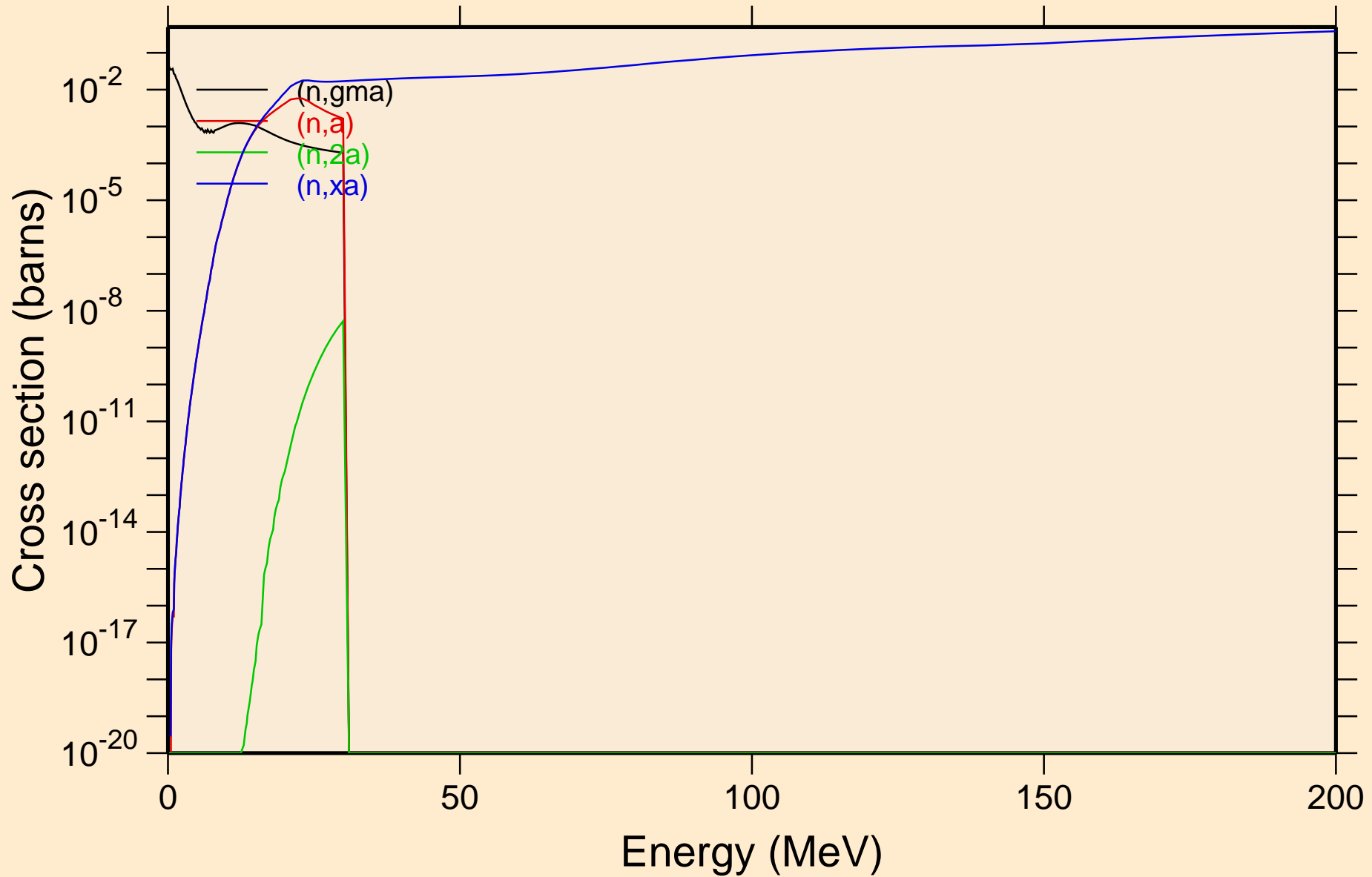


# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

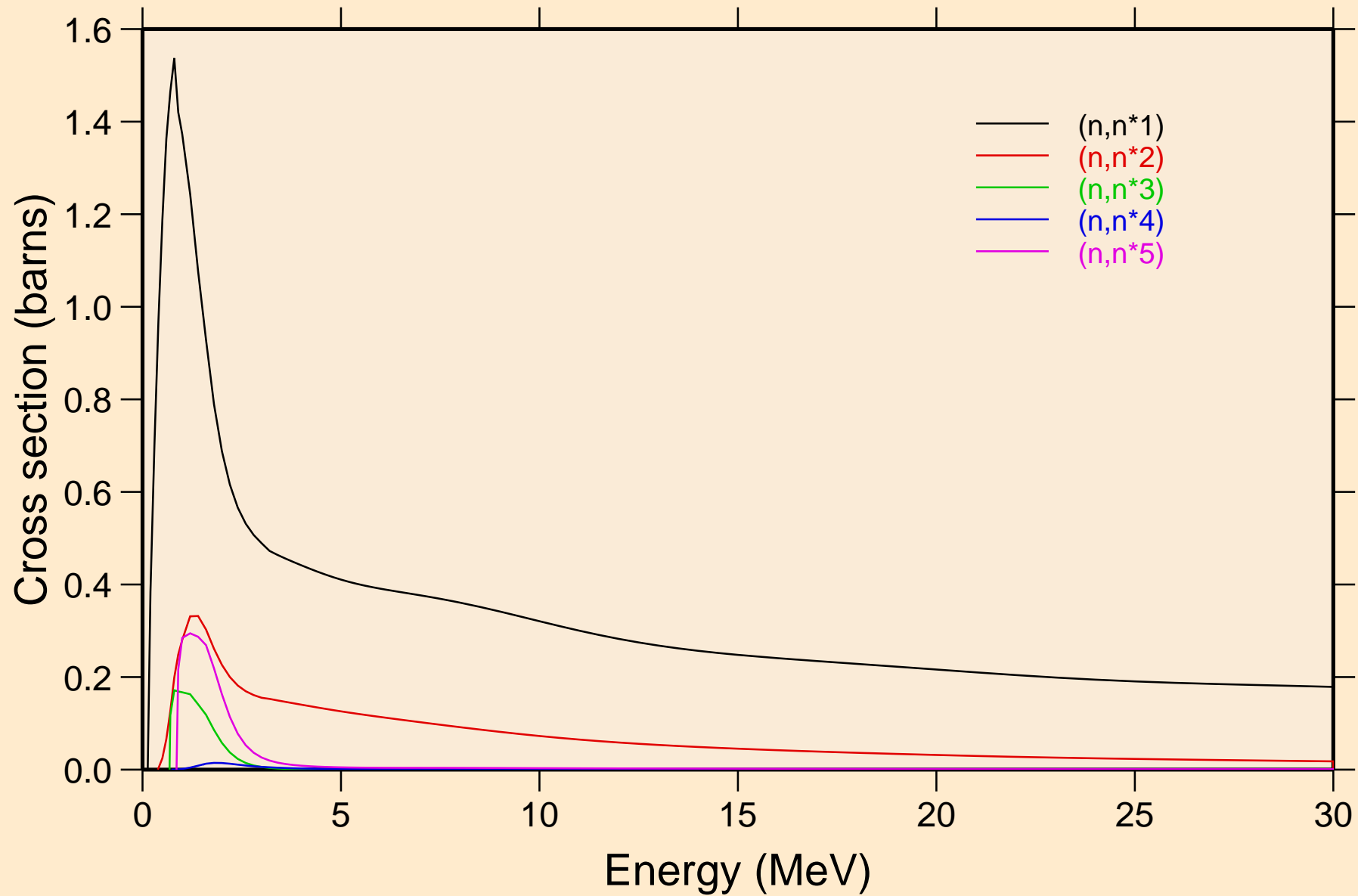


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



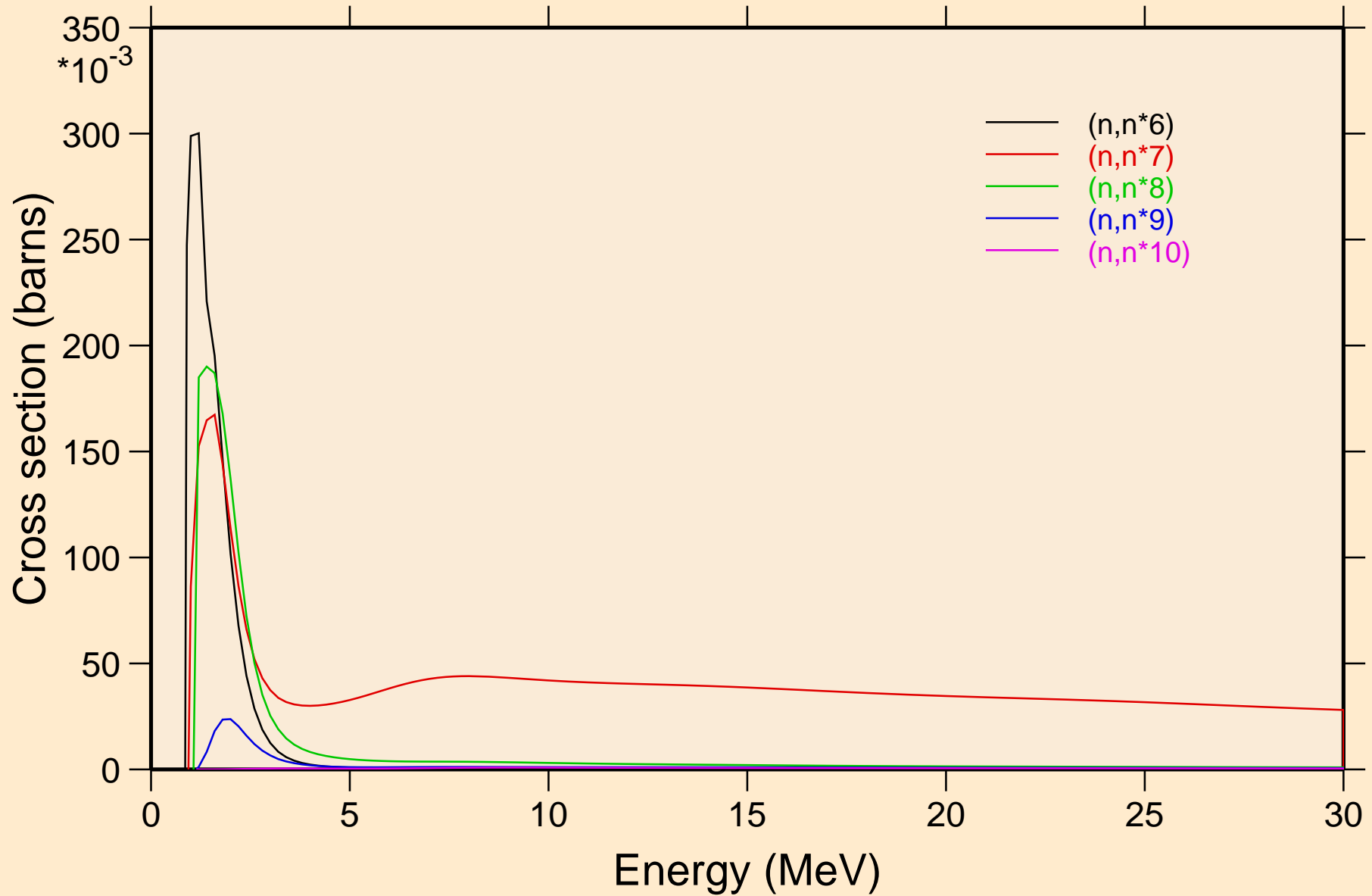
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



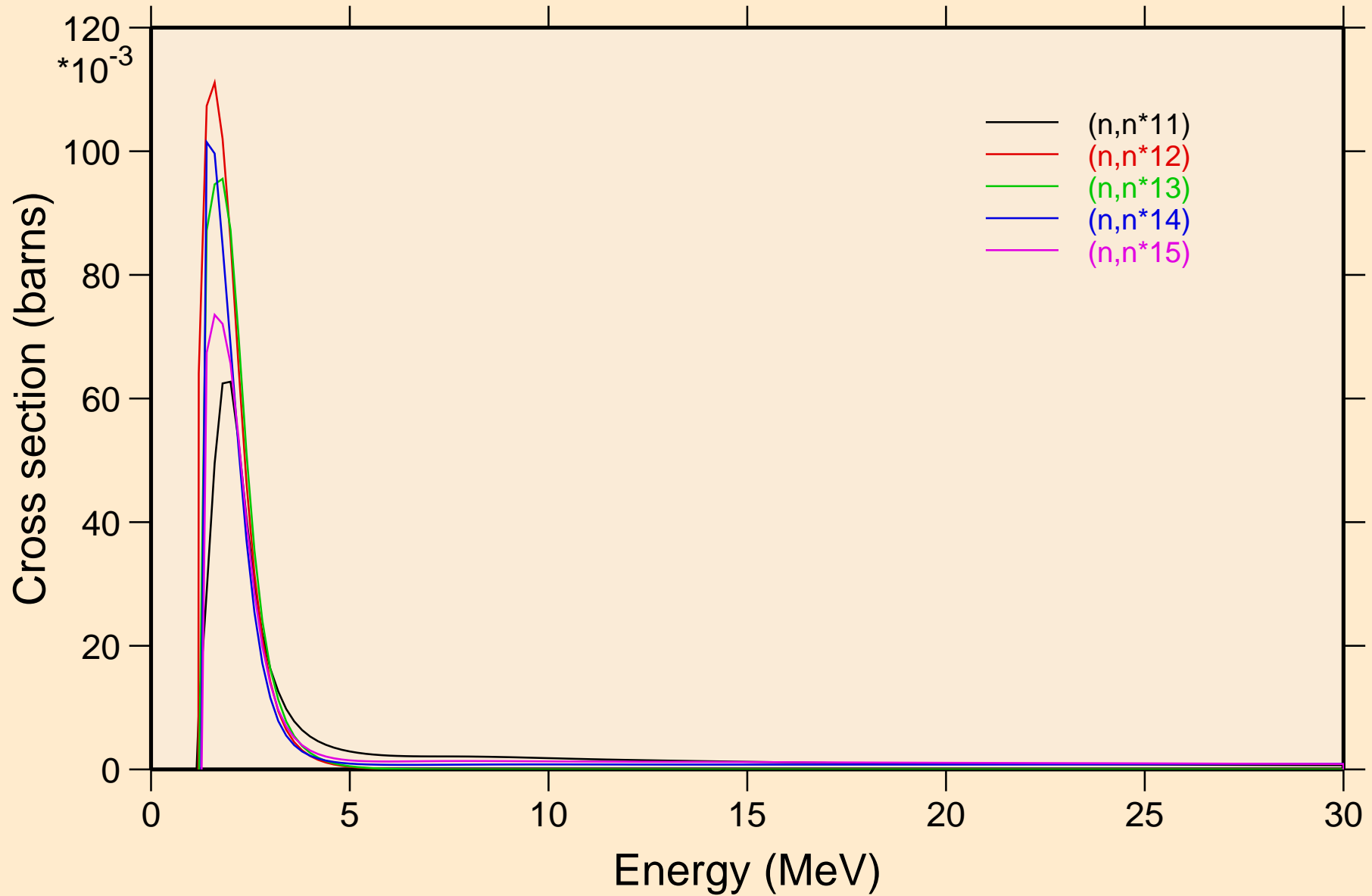
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



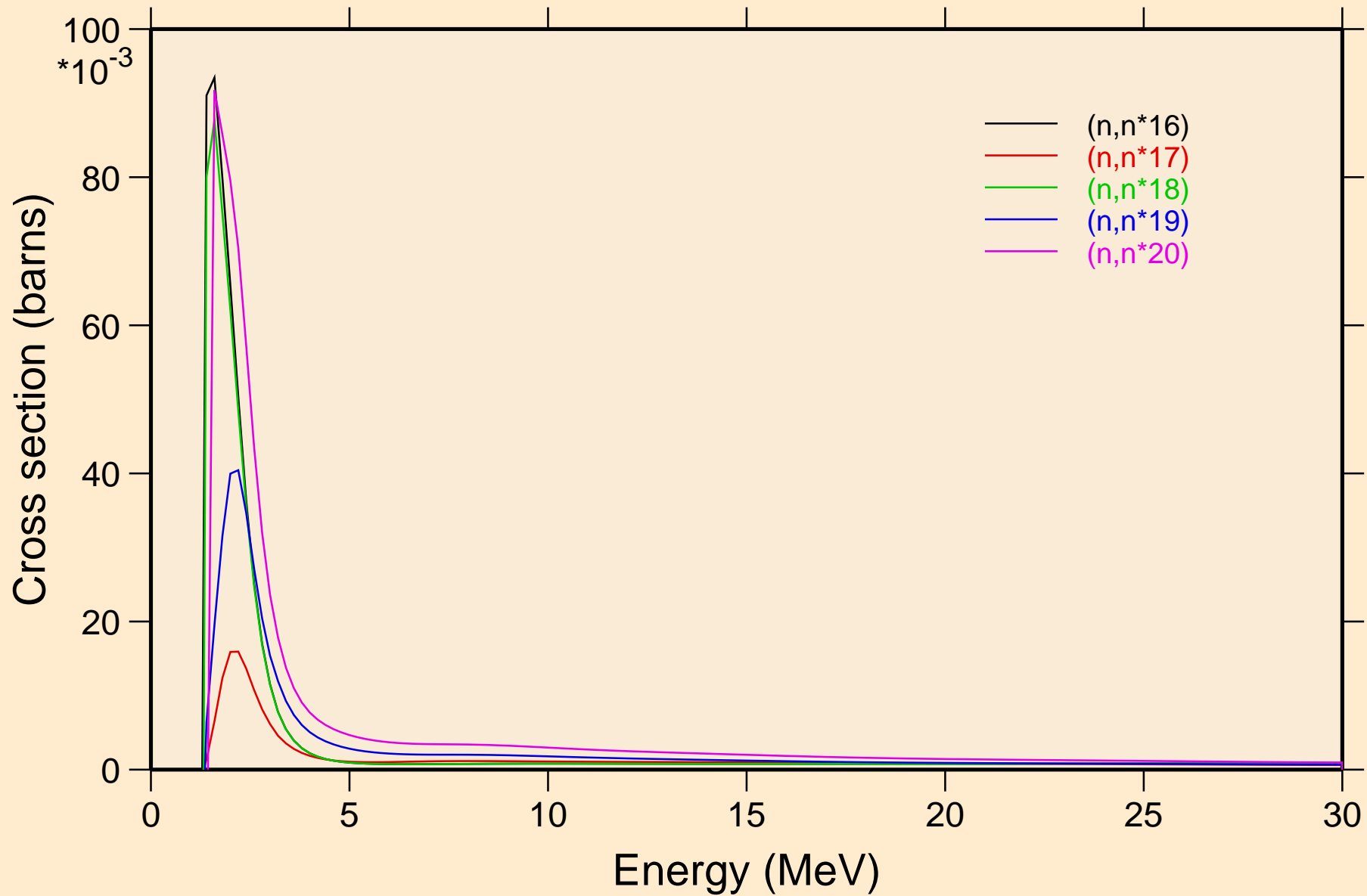
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



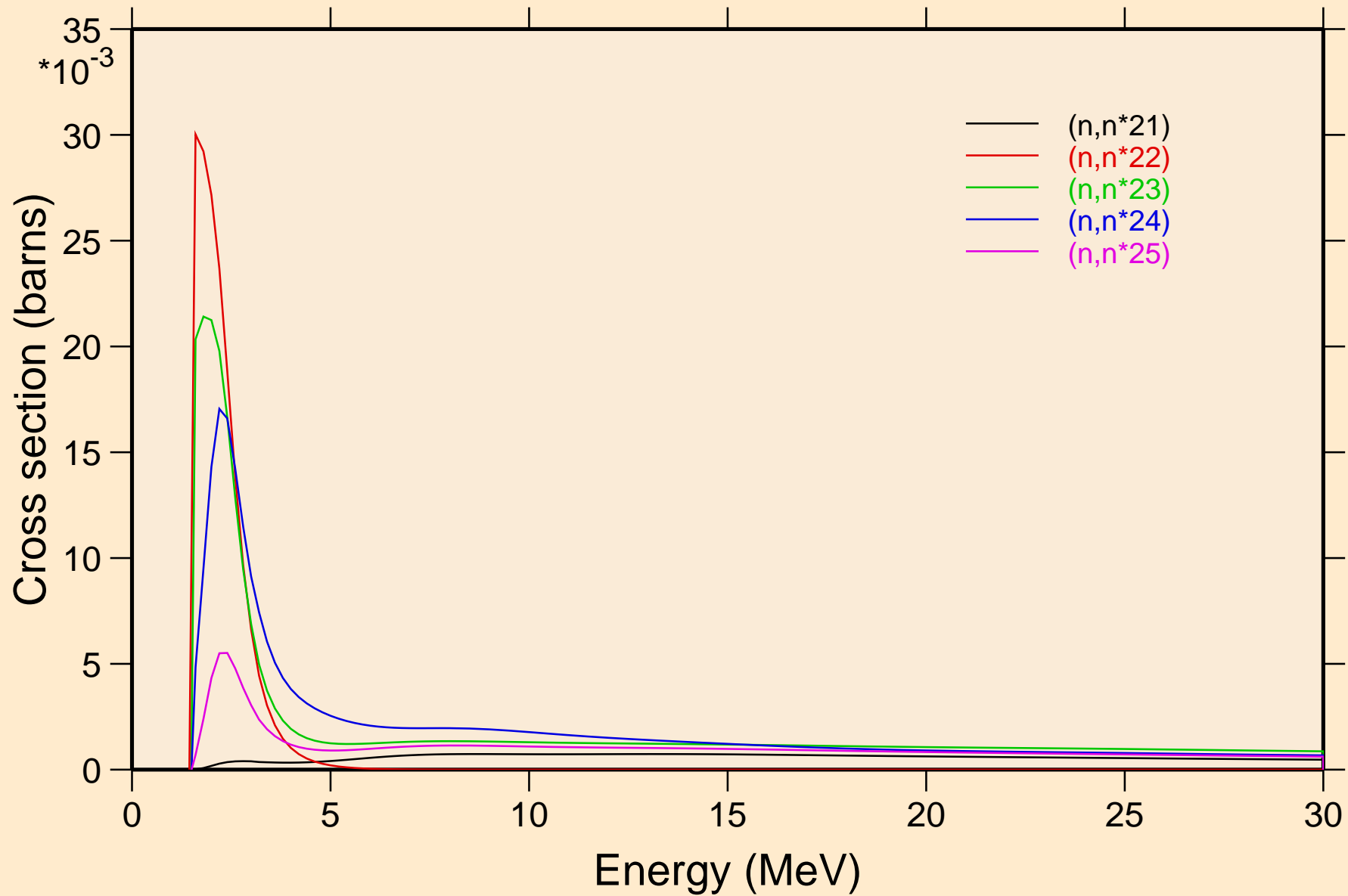
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



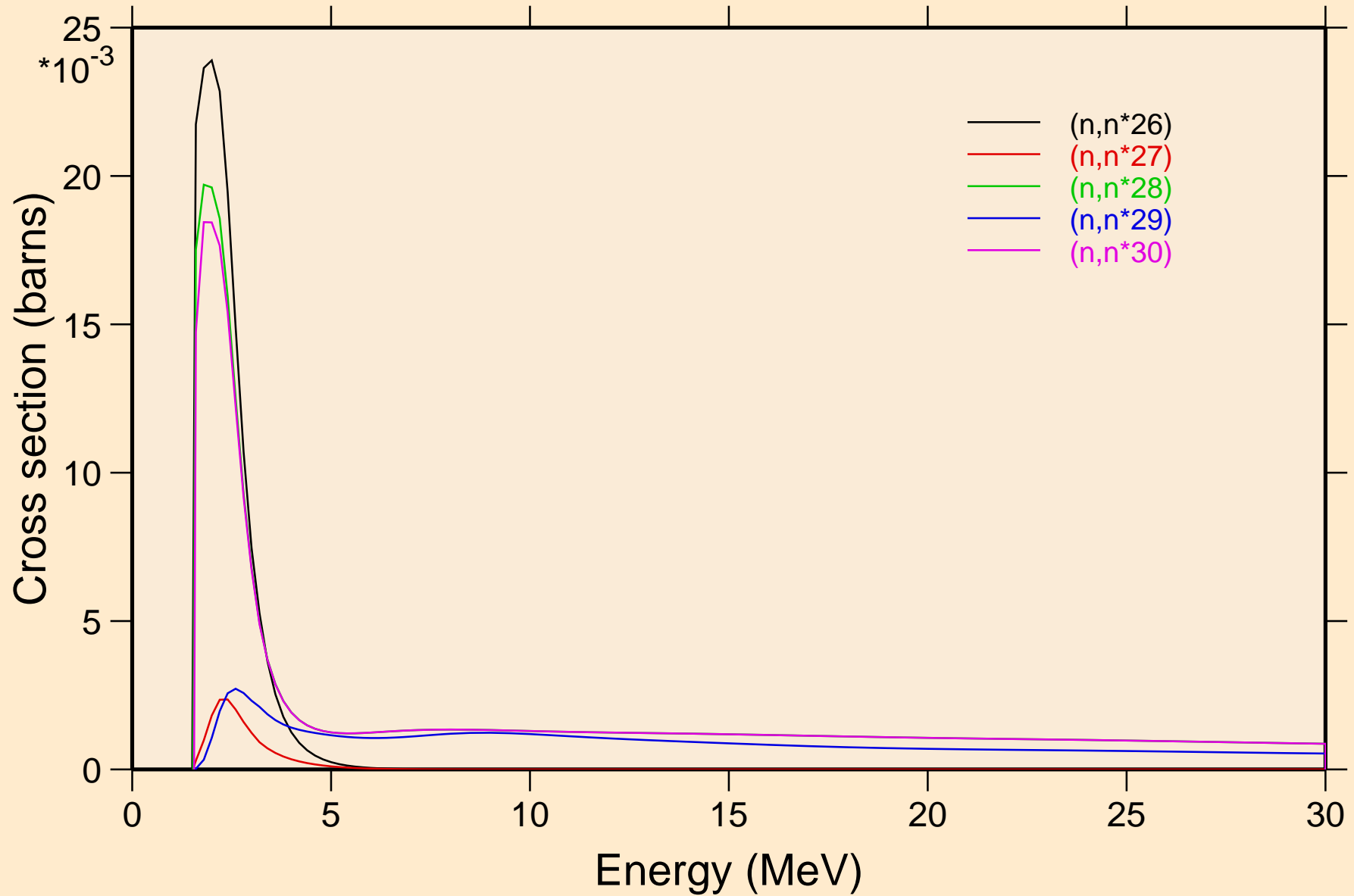
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

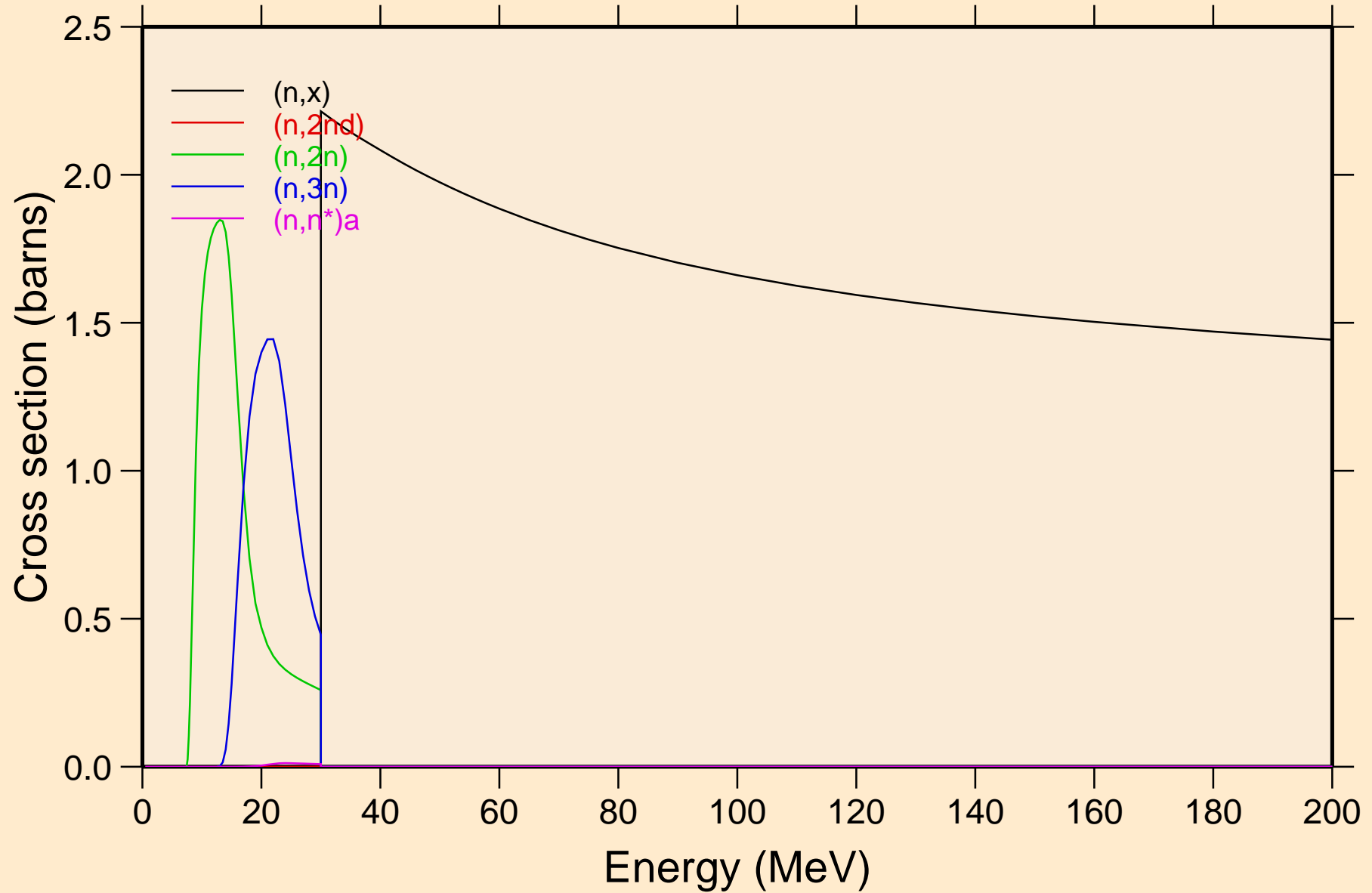
## Inelastic levels





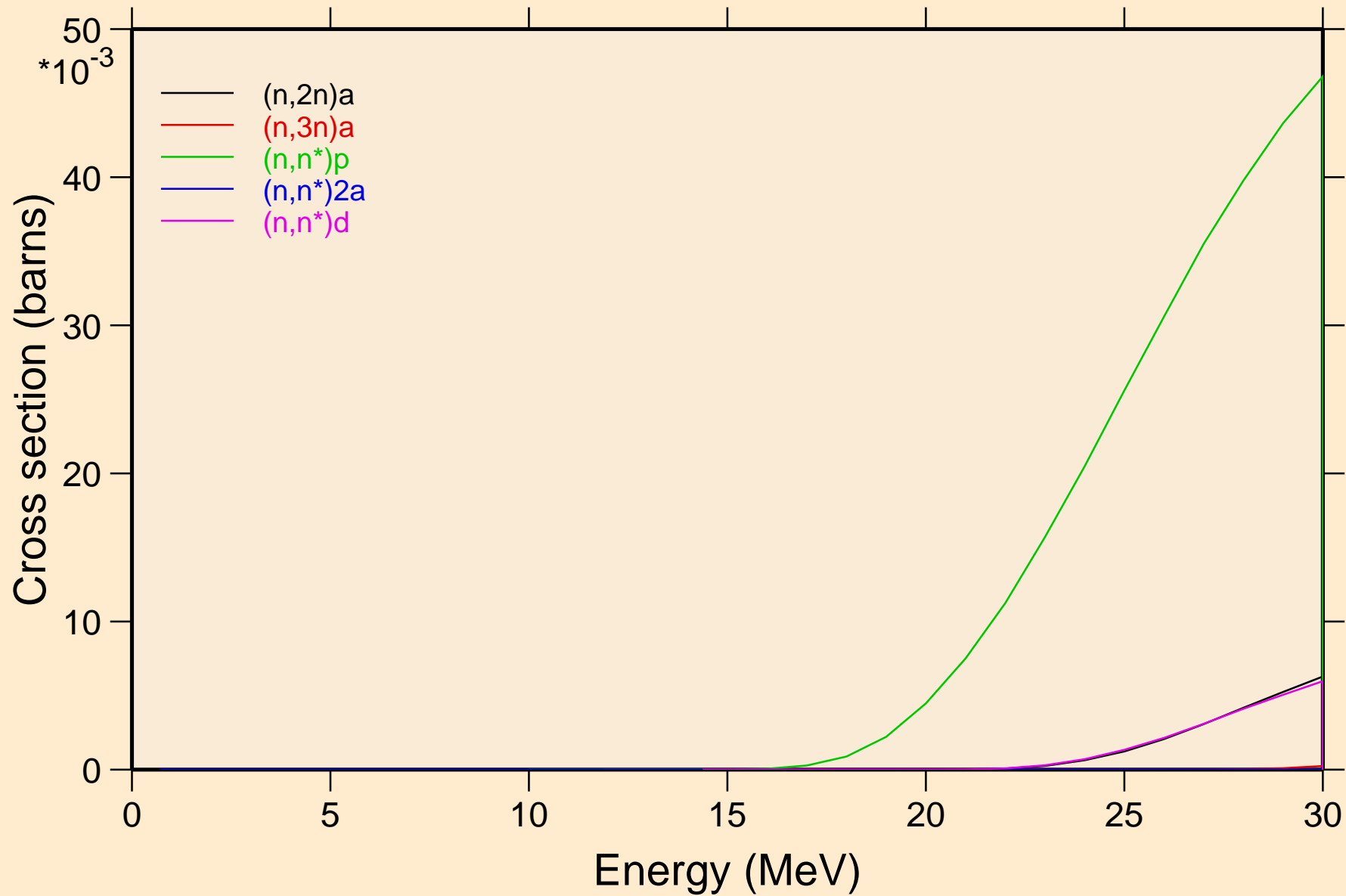
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



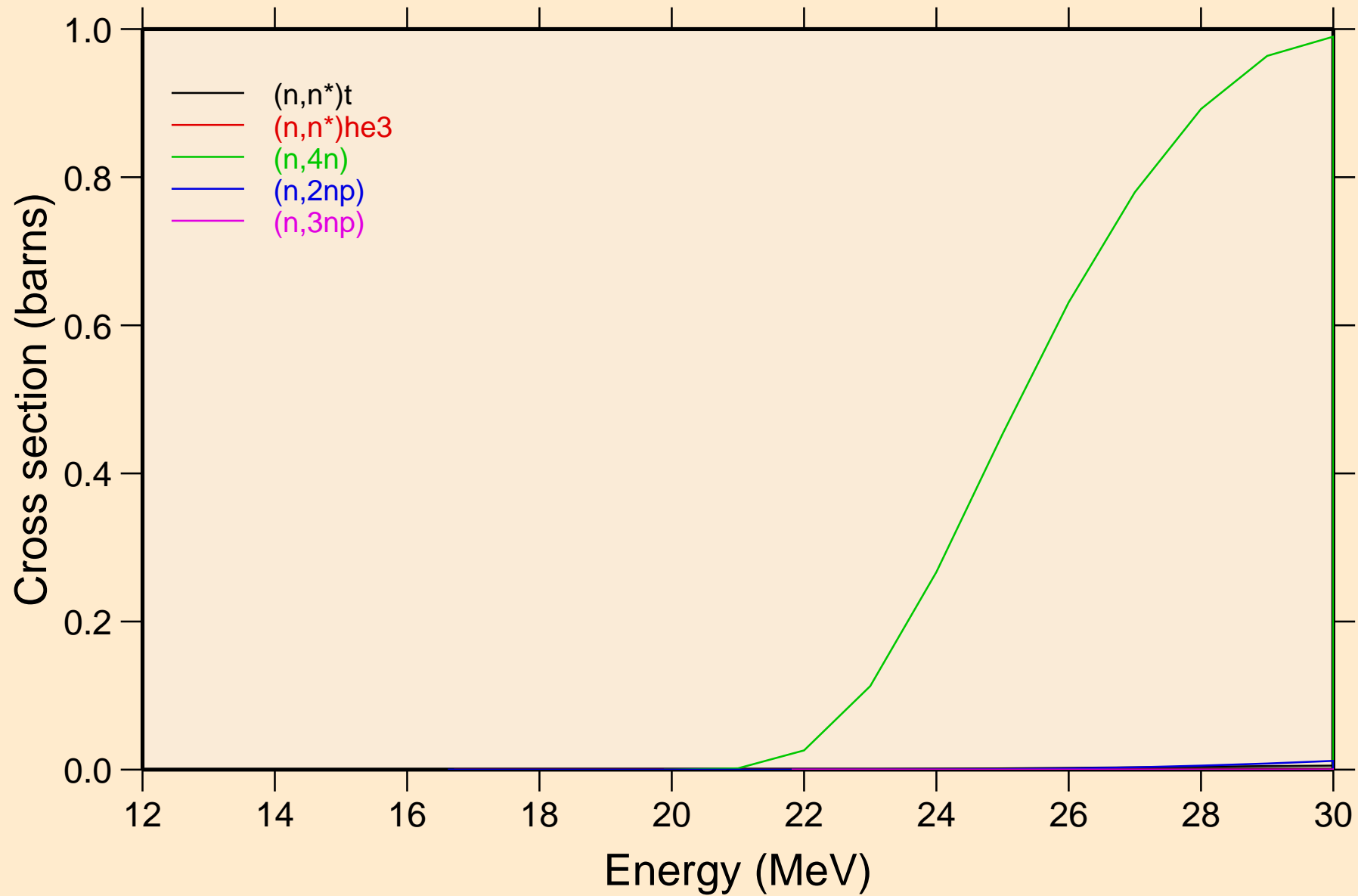
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



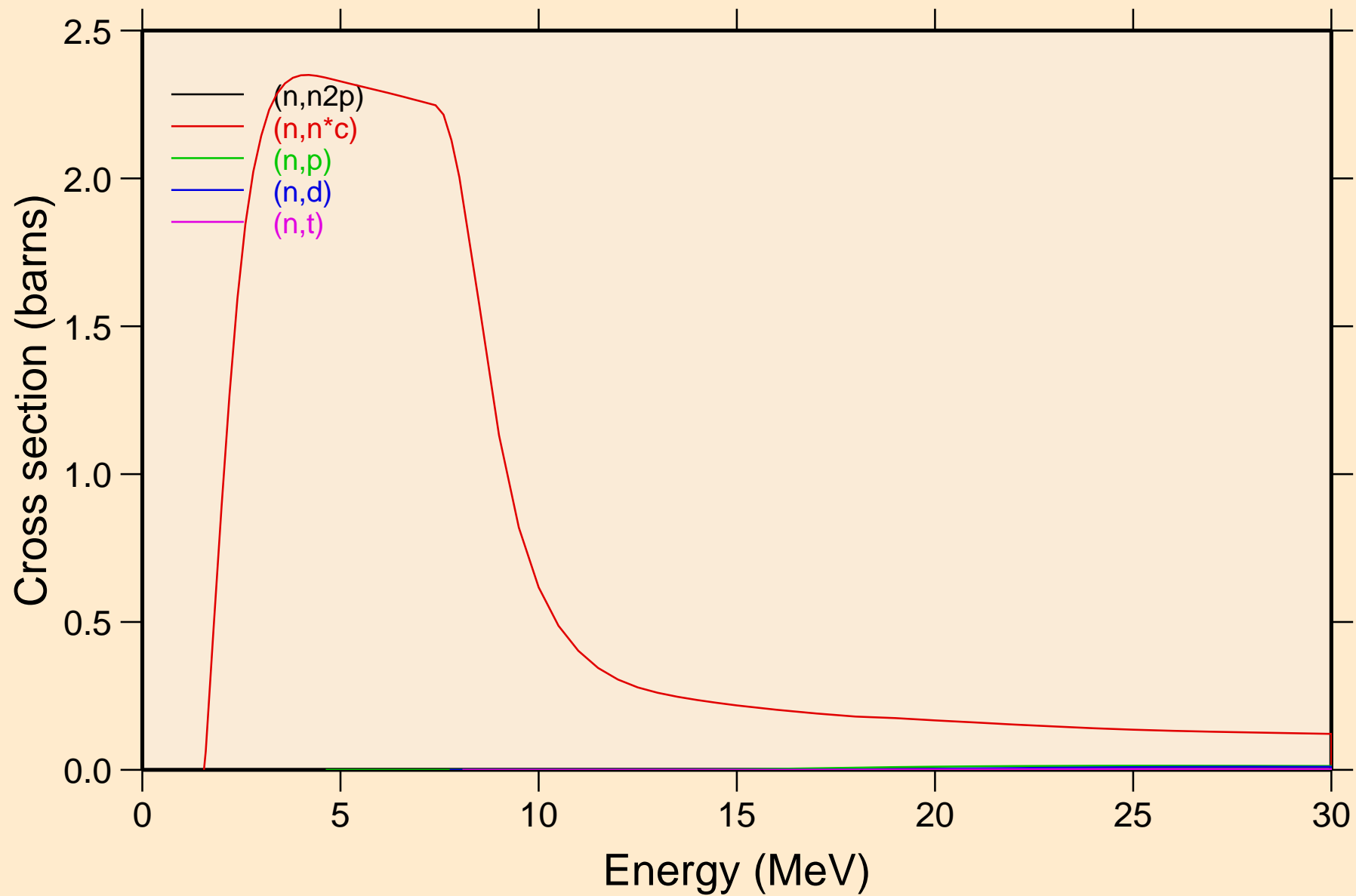
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



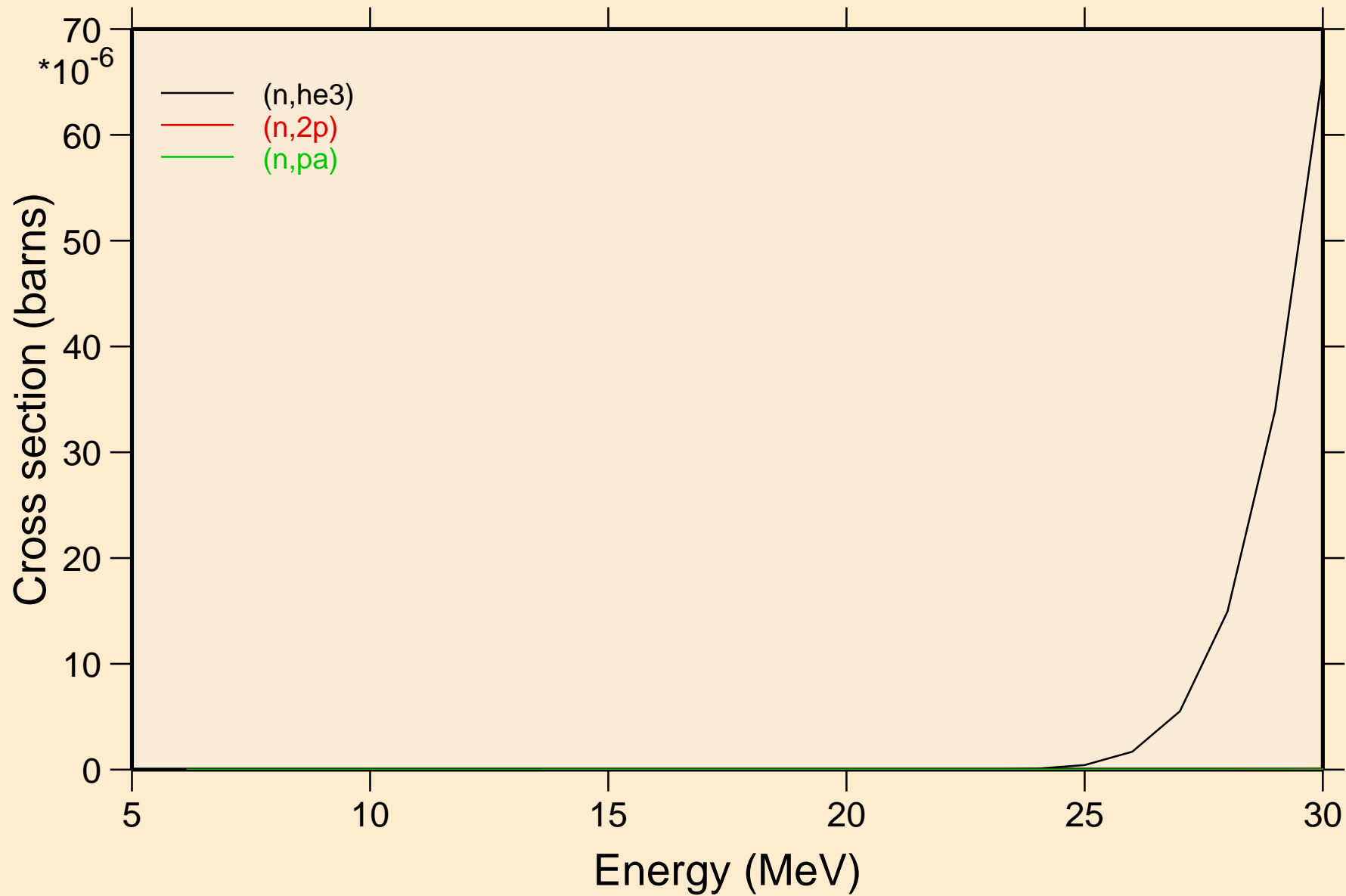
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



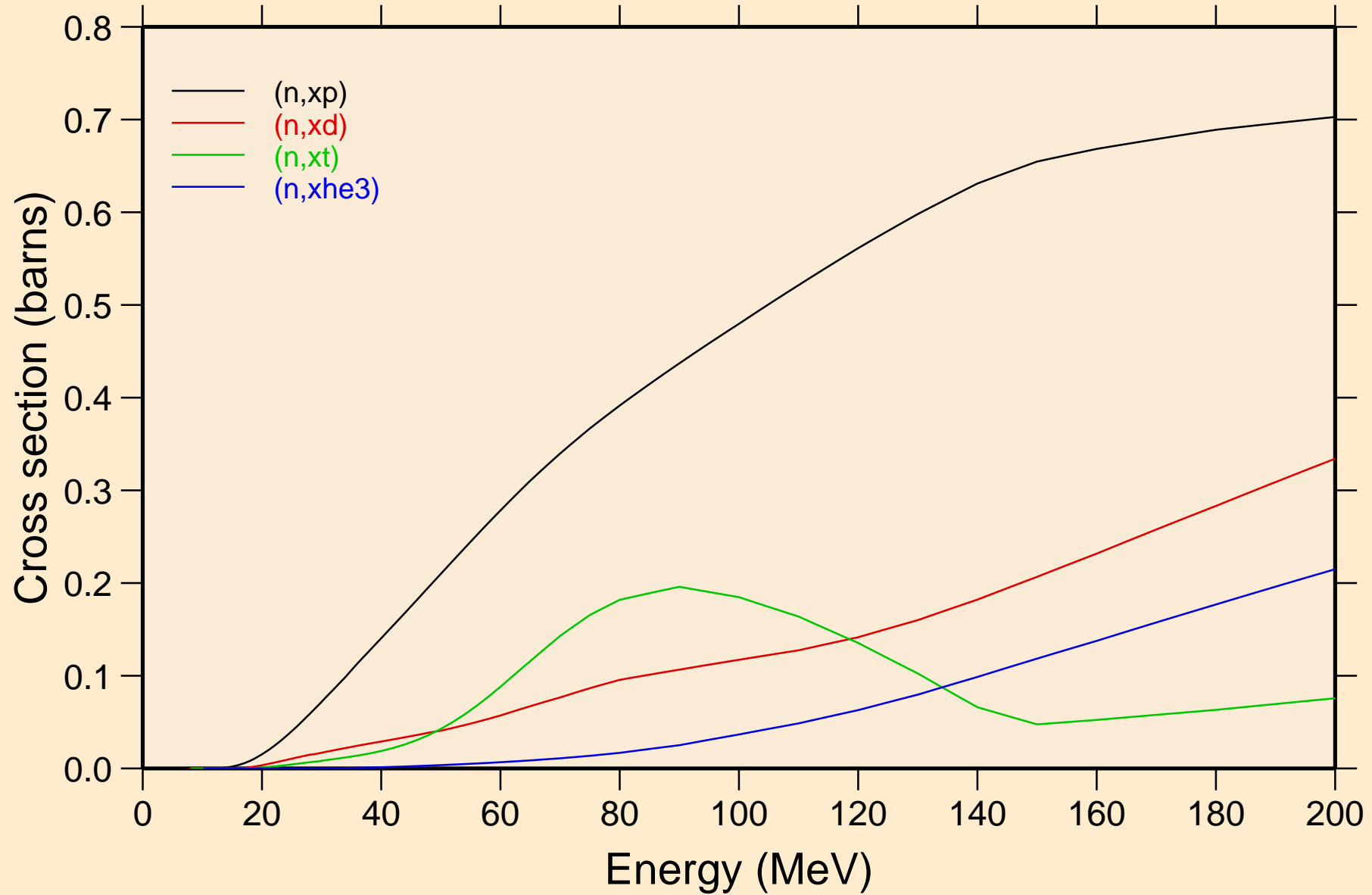
# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

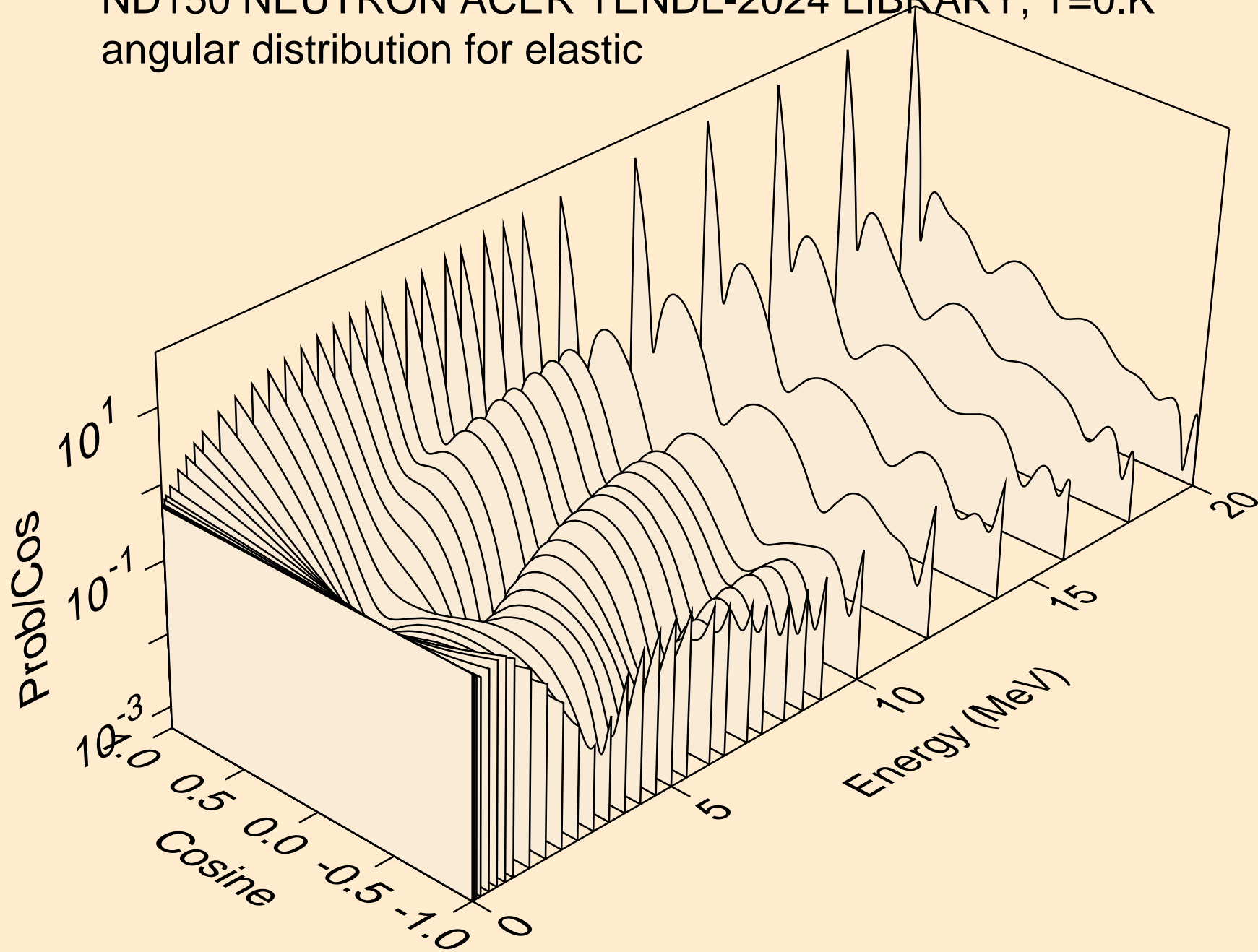


# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

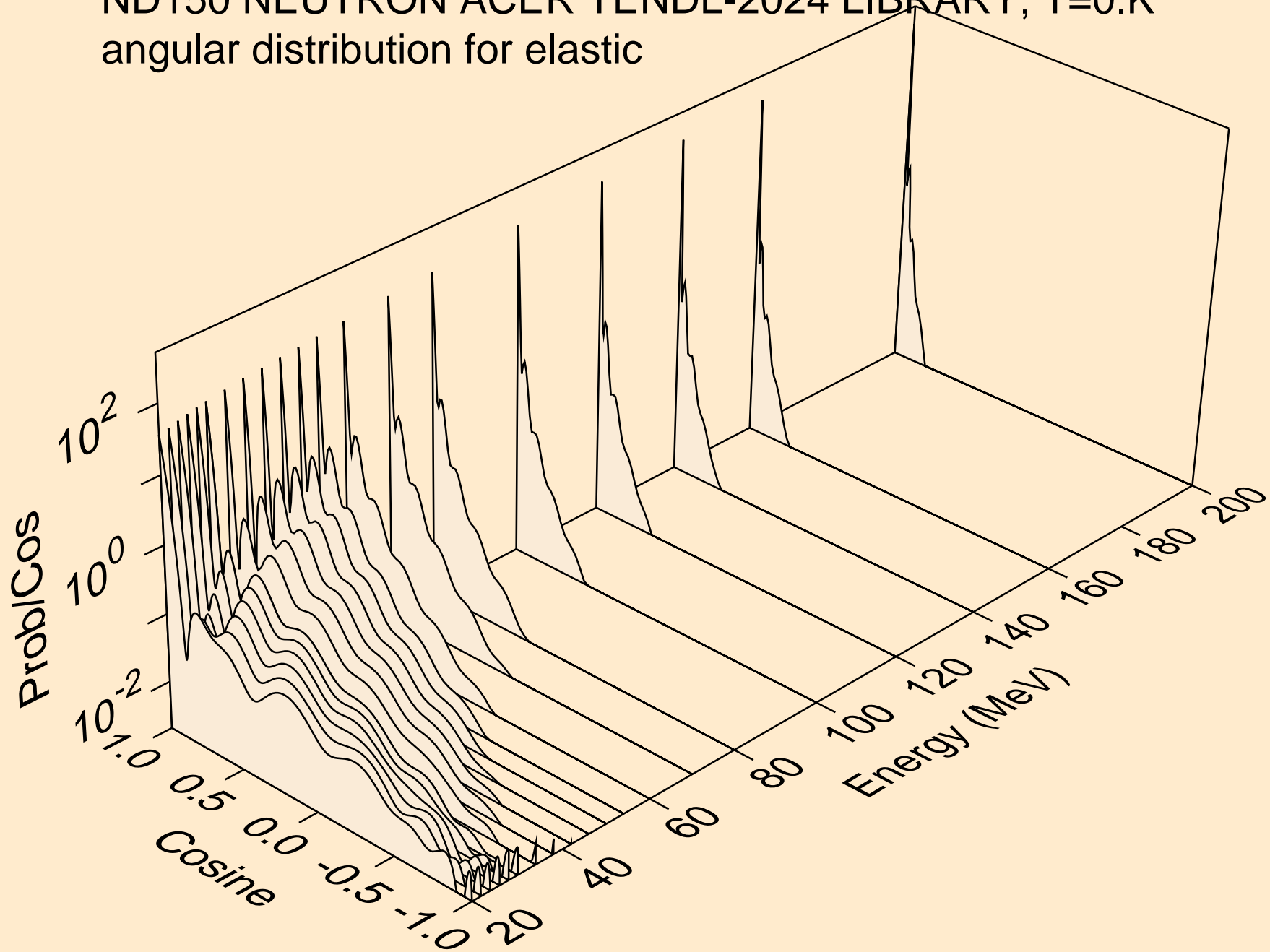
## Threshold reactions



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

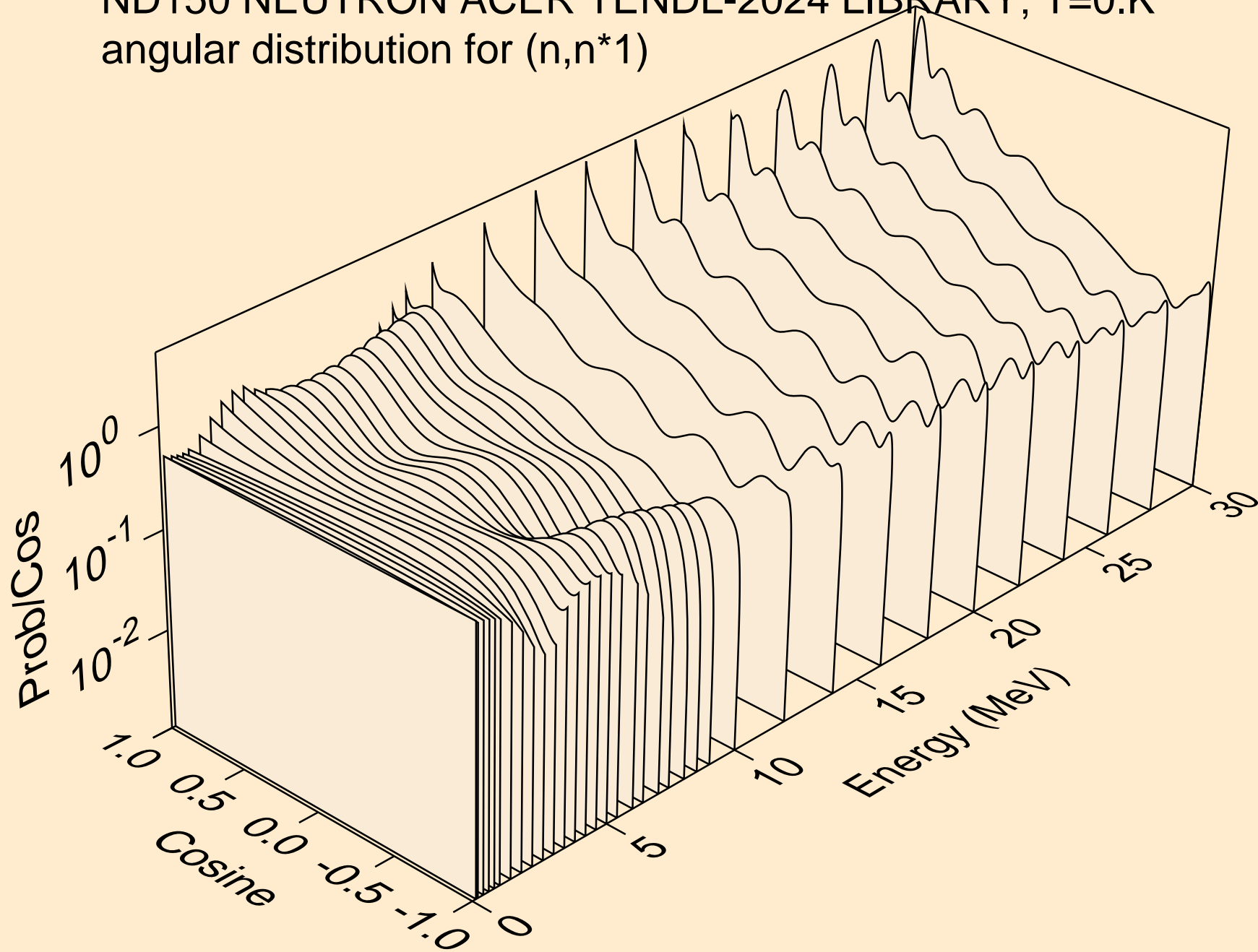


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

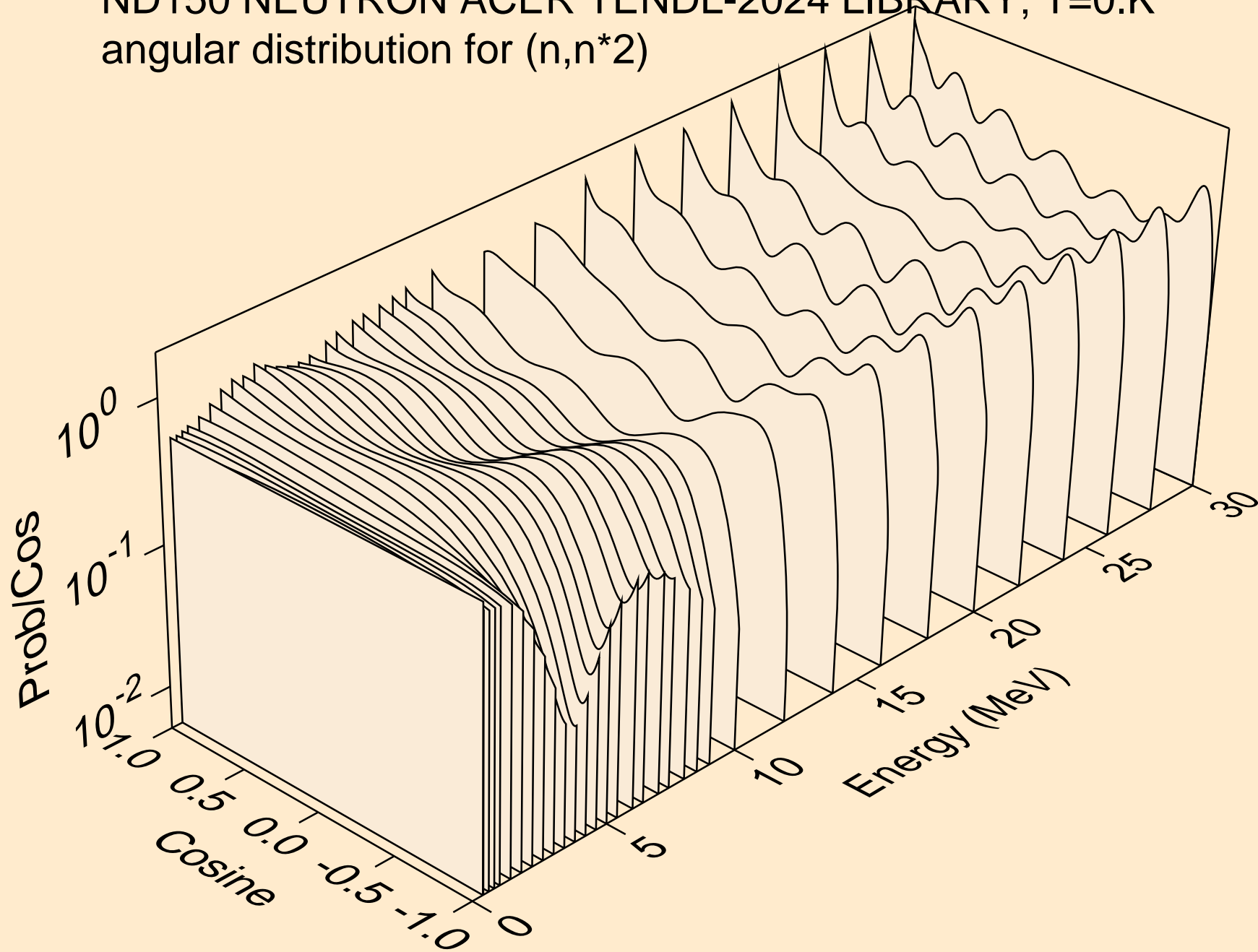




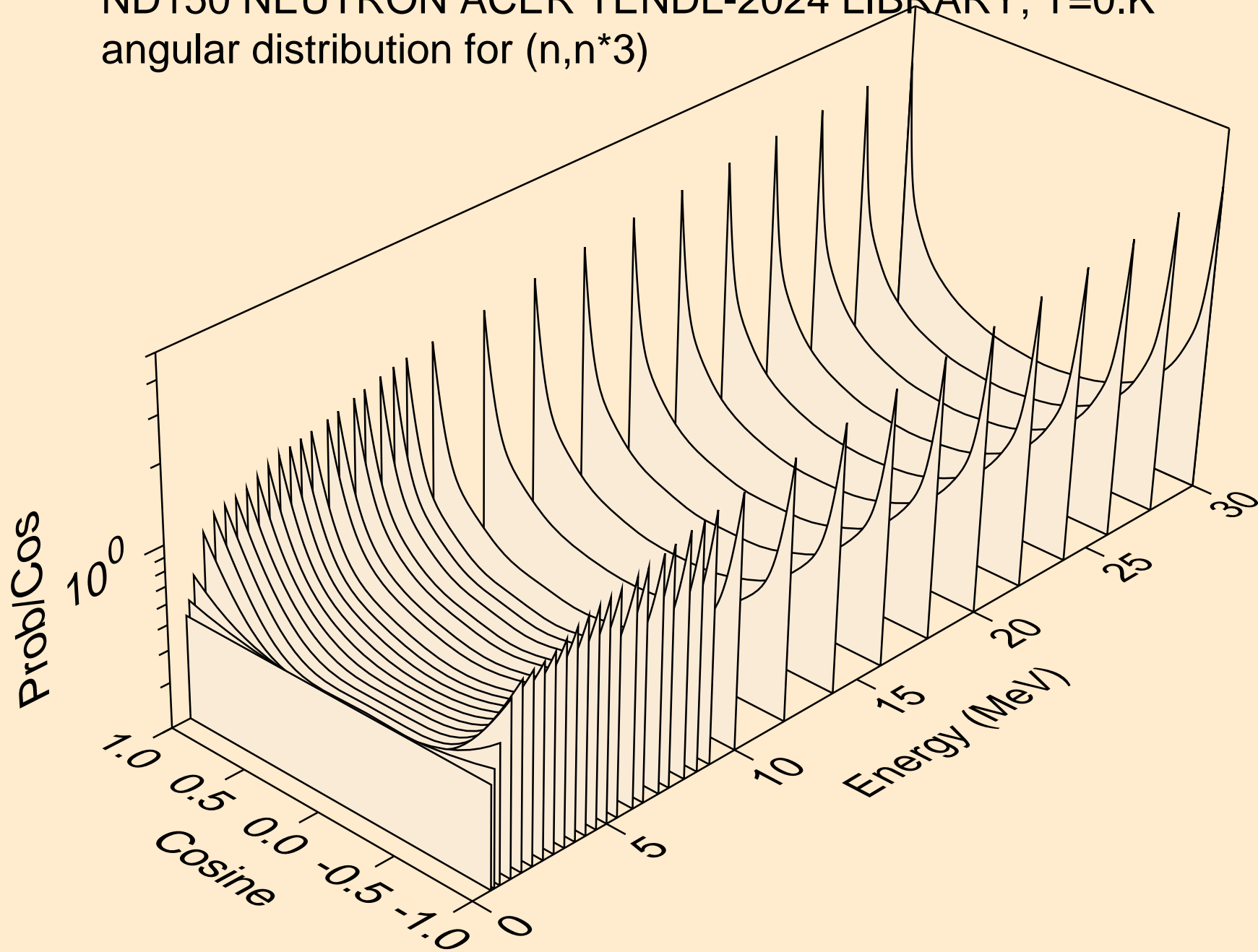
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



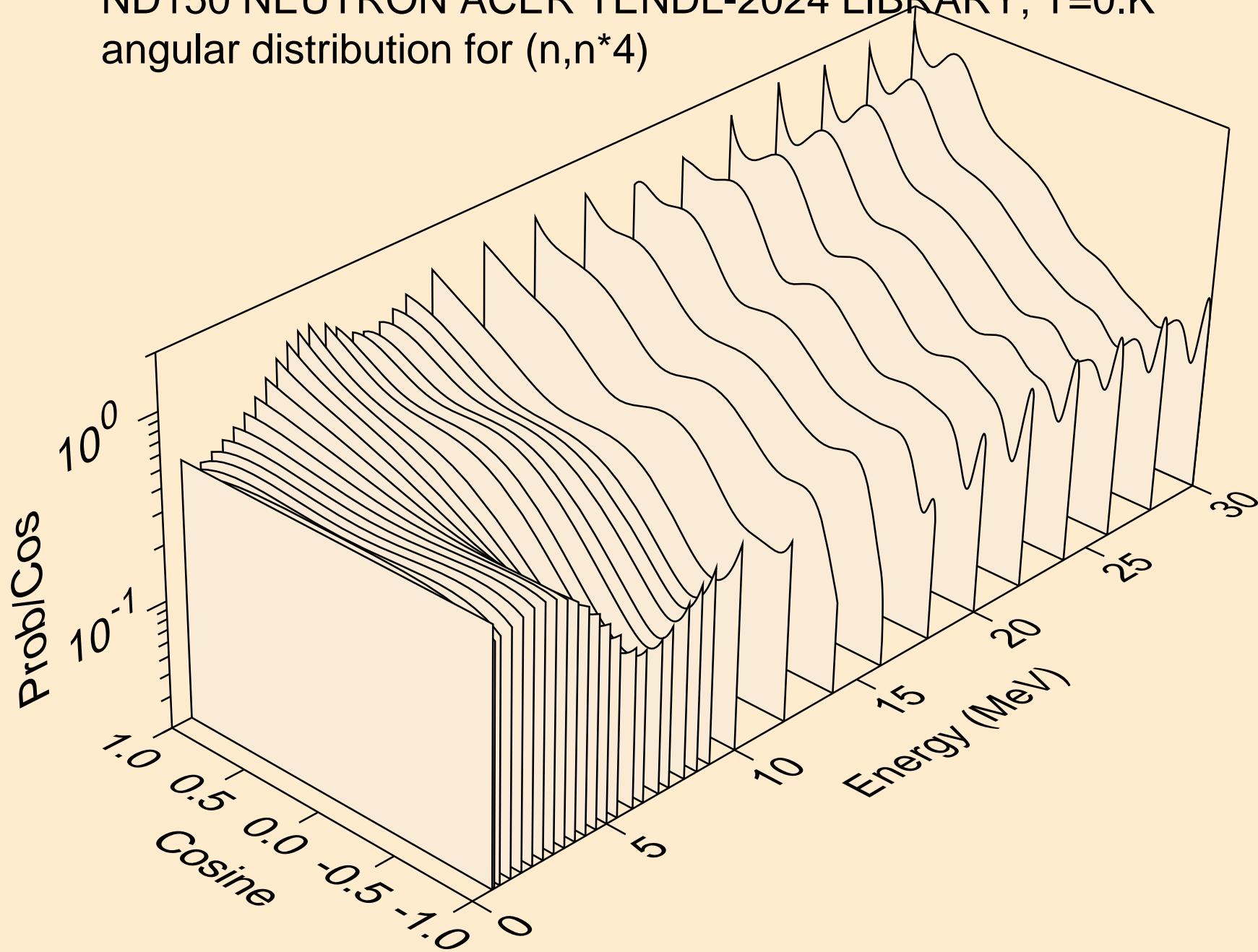
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



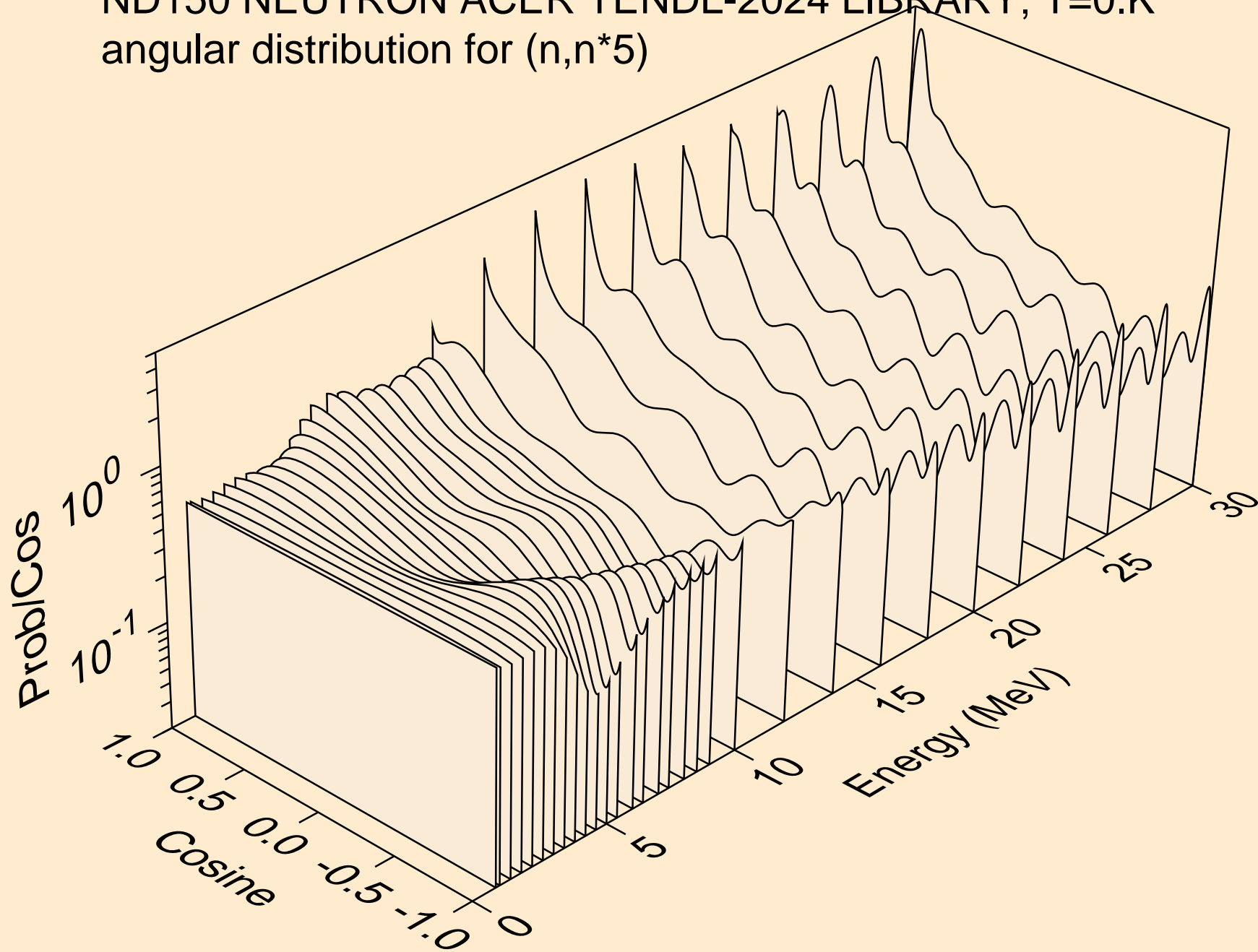
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



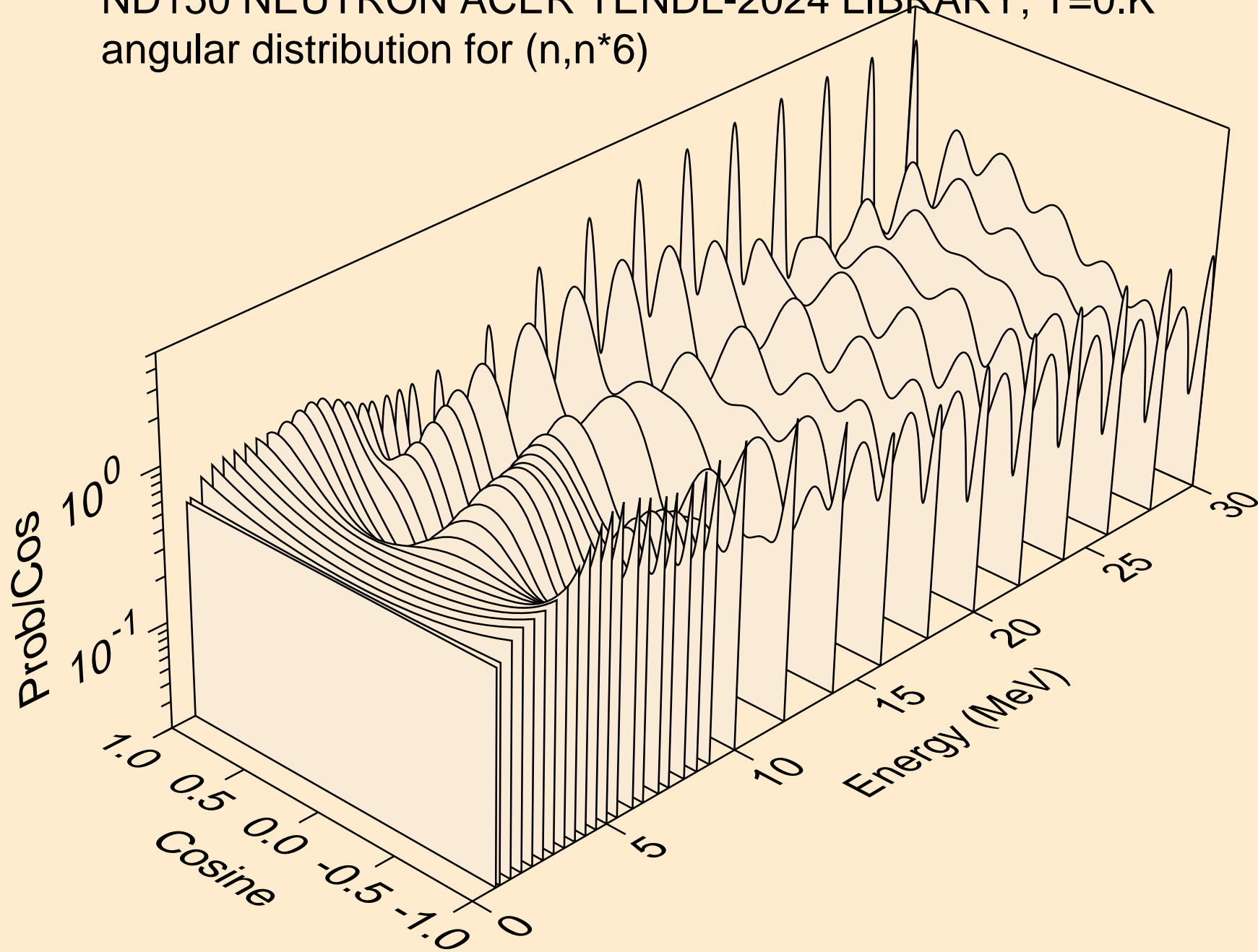
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



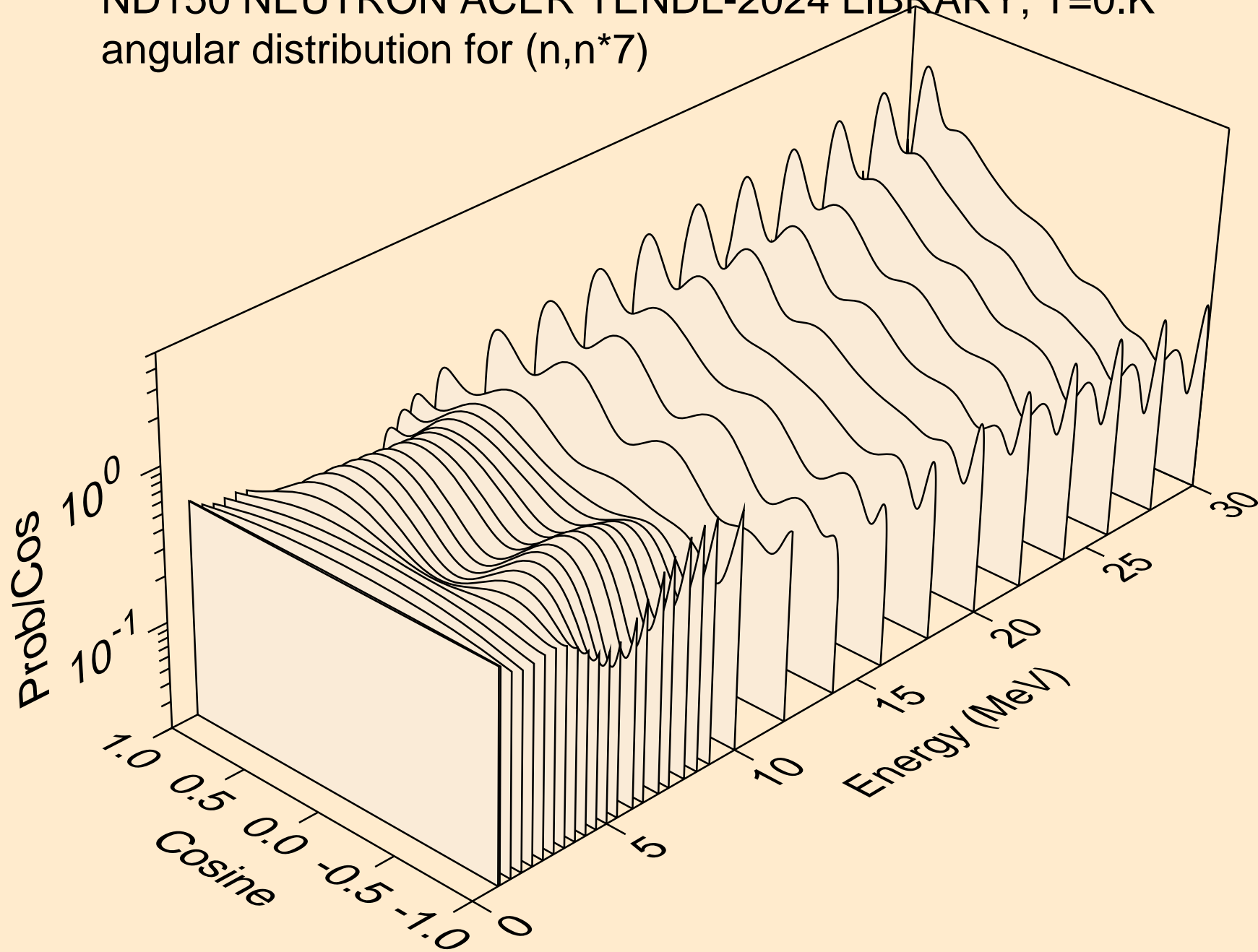
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

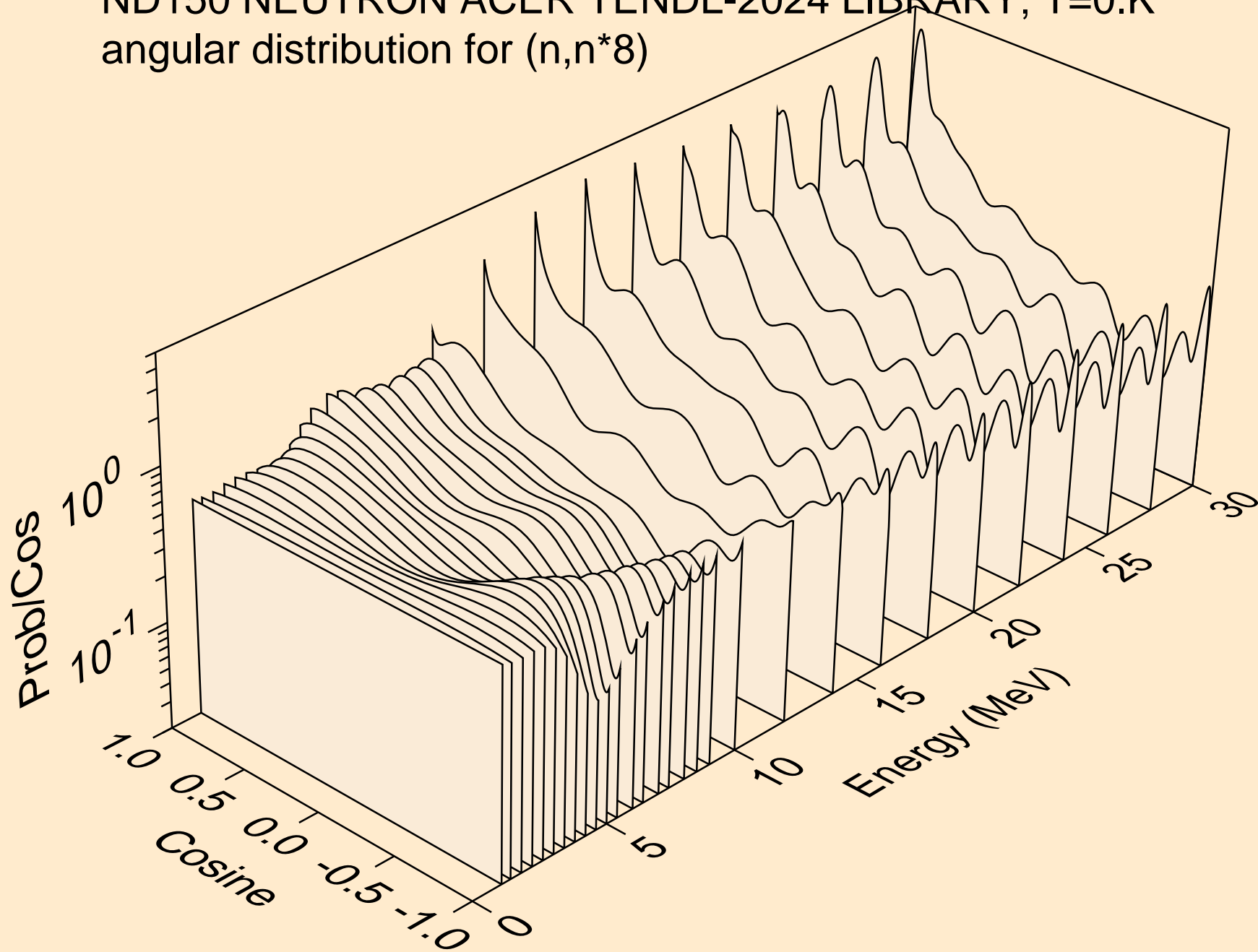


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



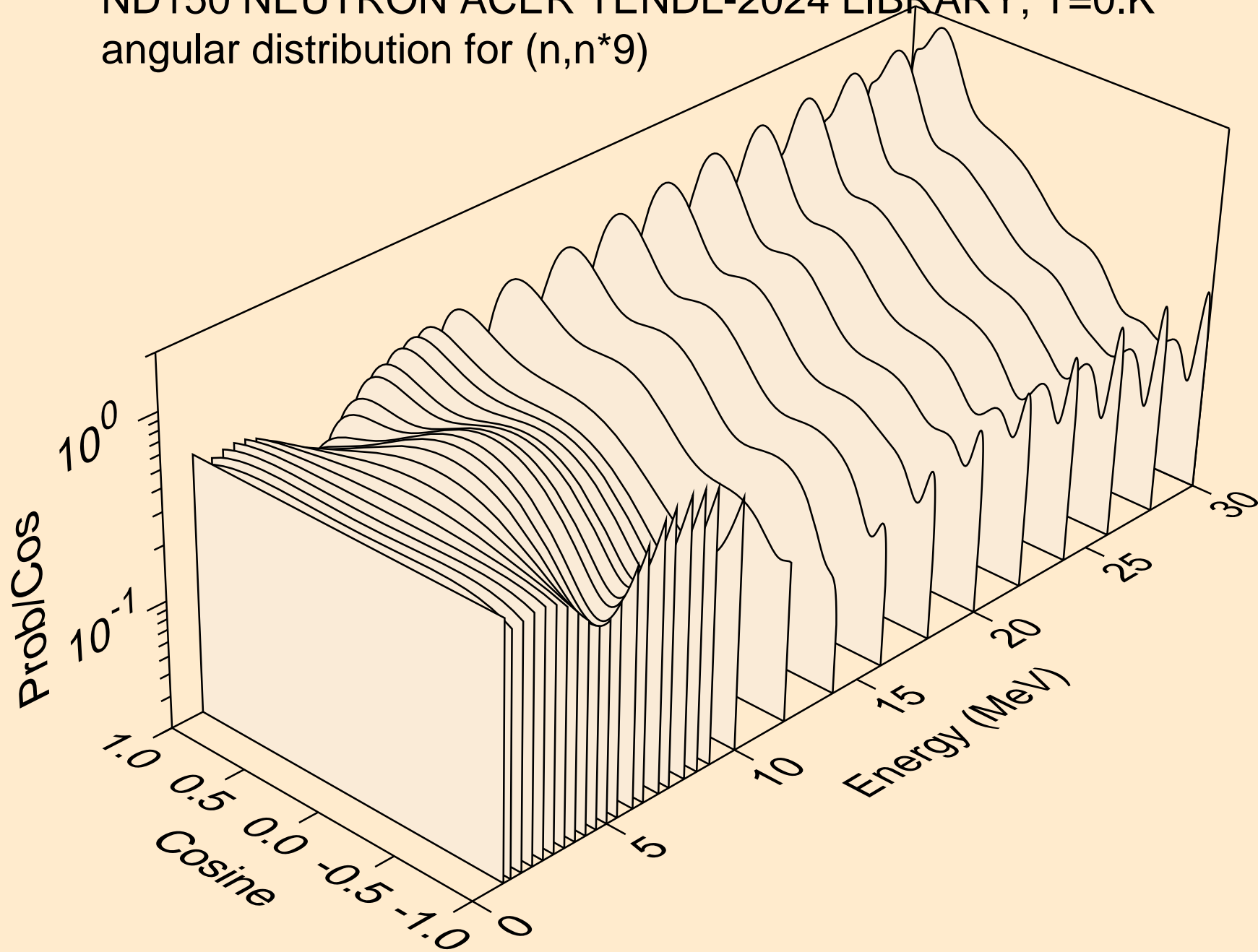


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

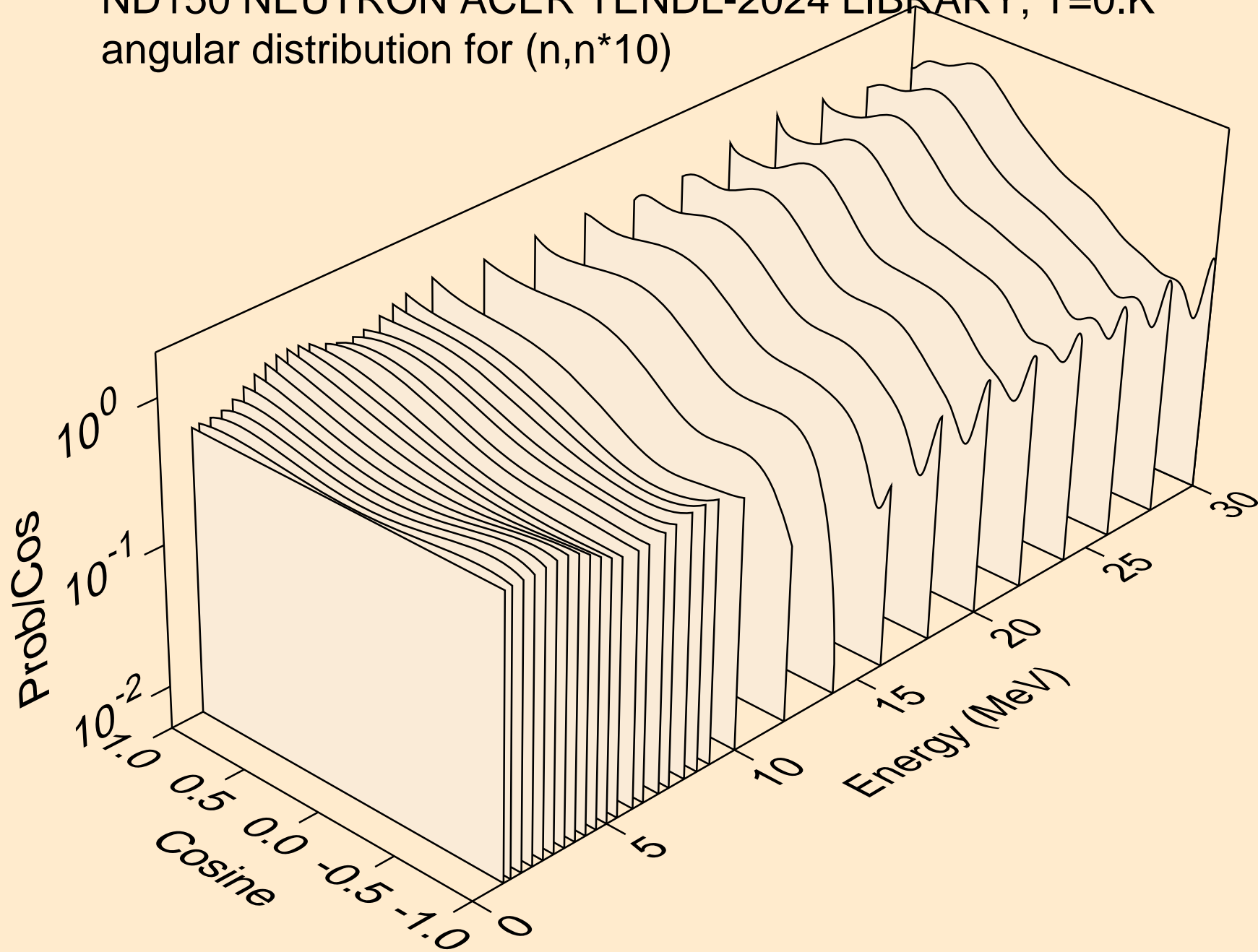




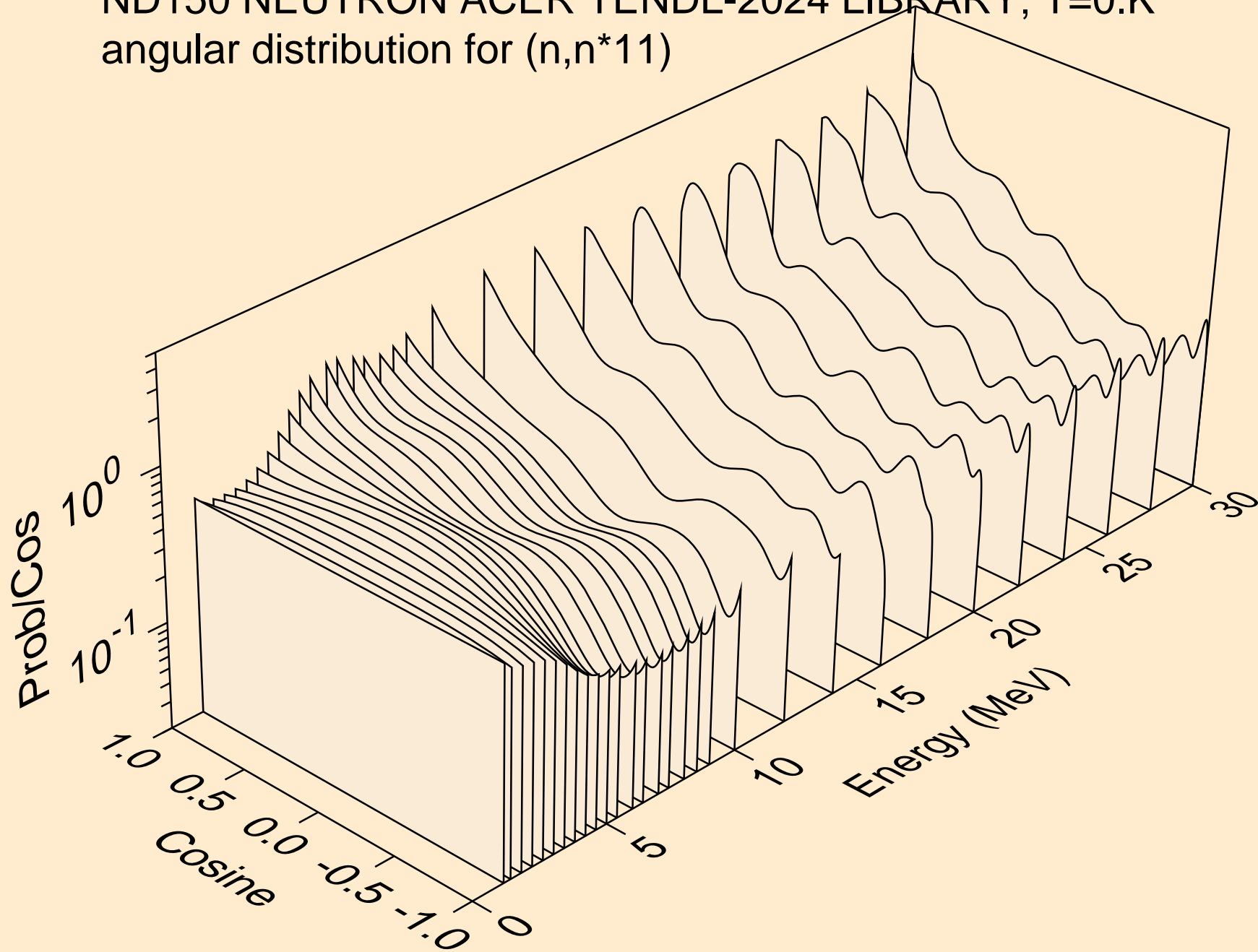
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



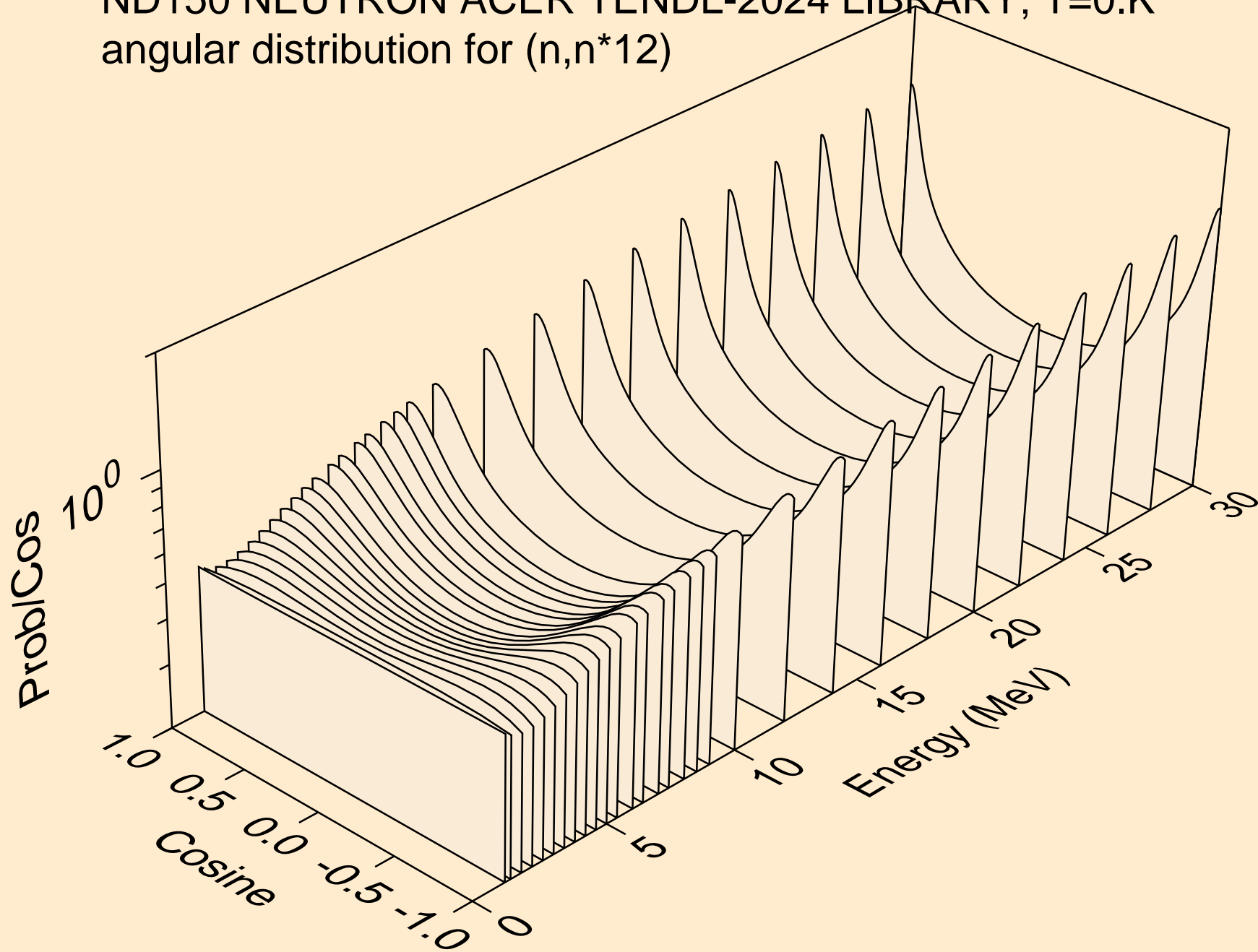
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



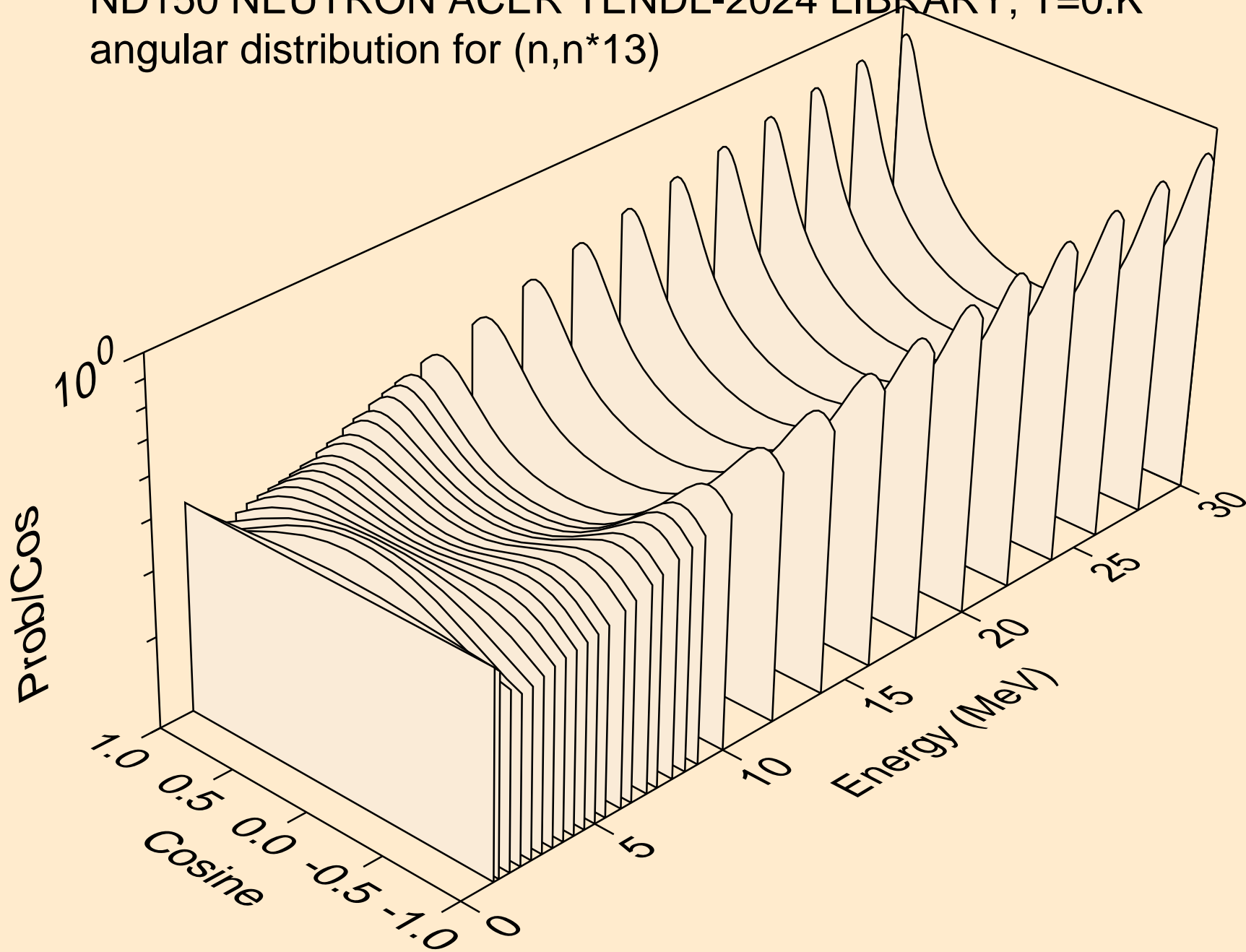
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



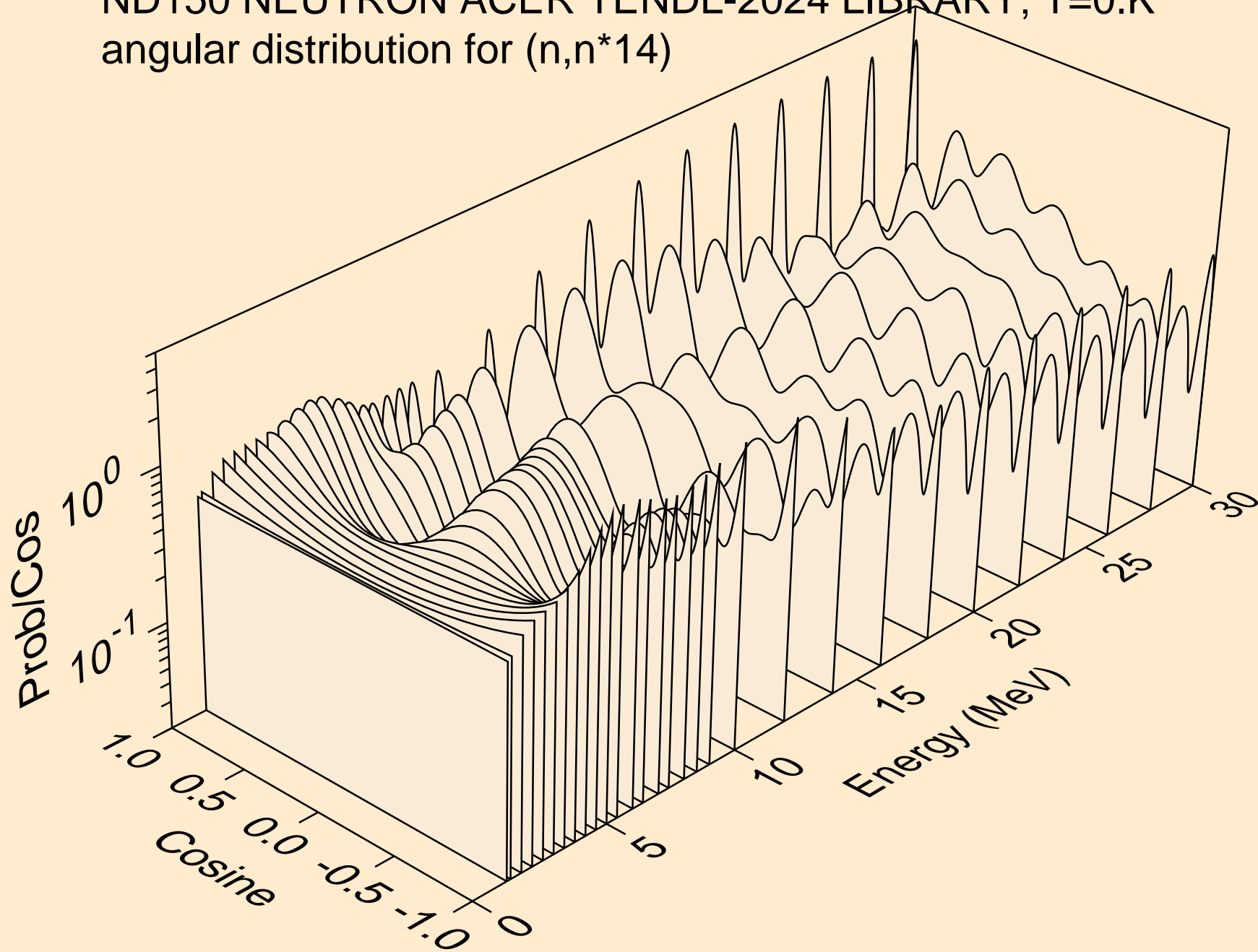
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



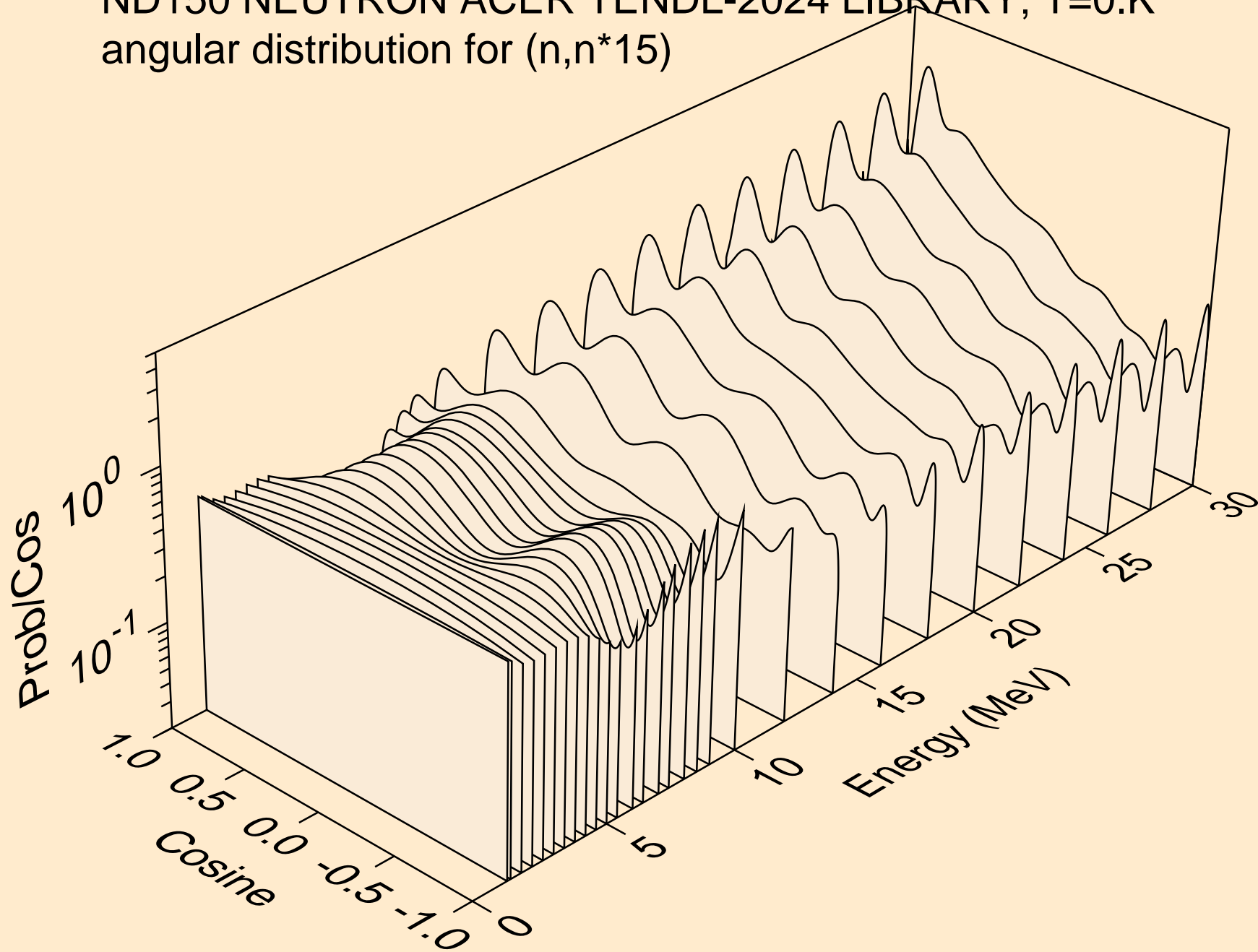
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



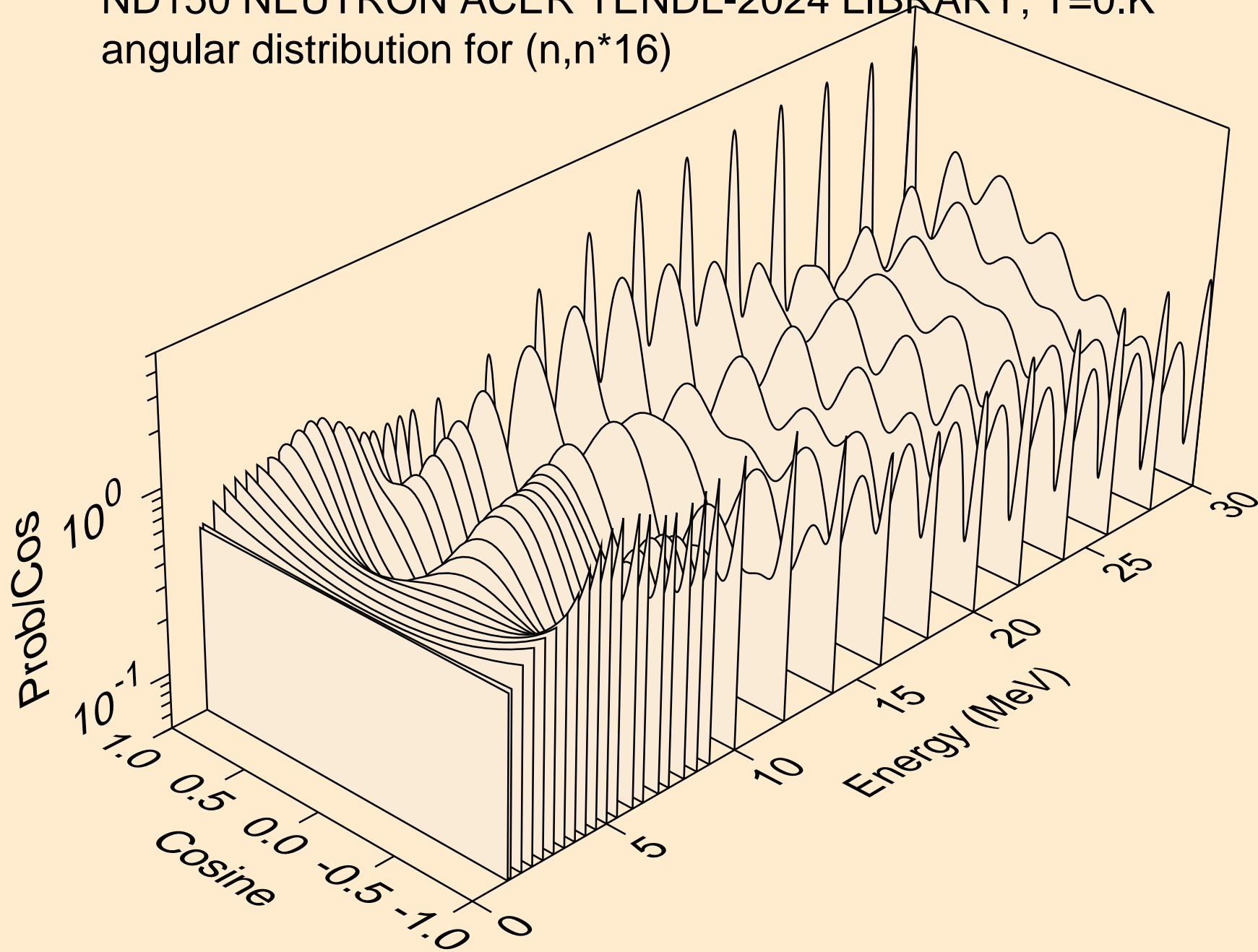
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

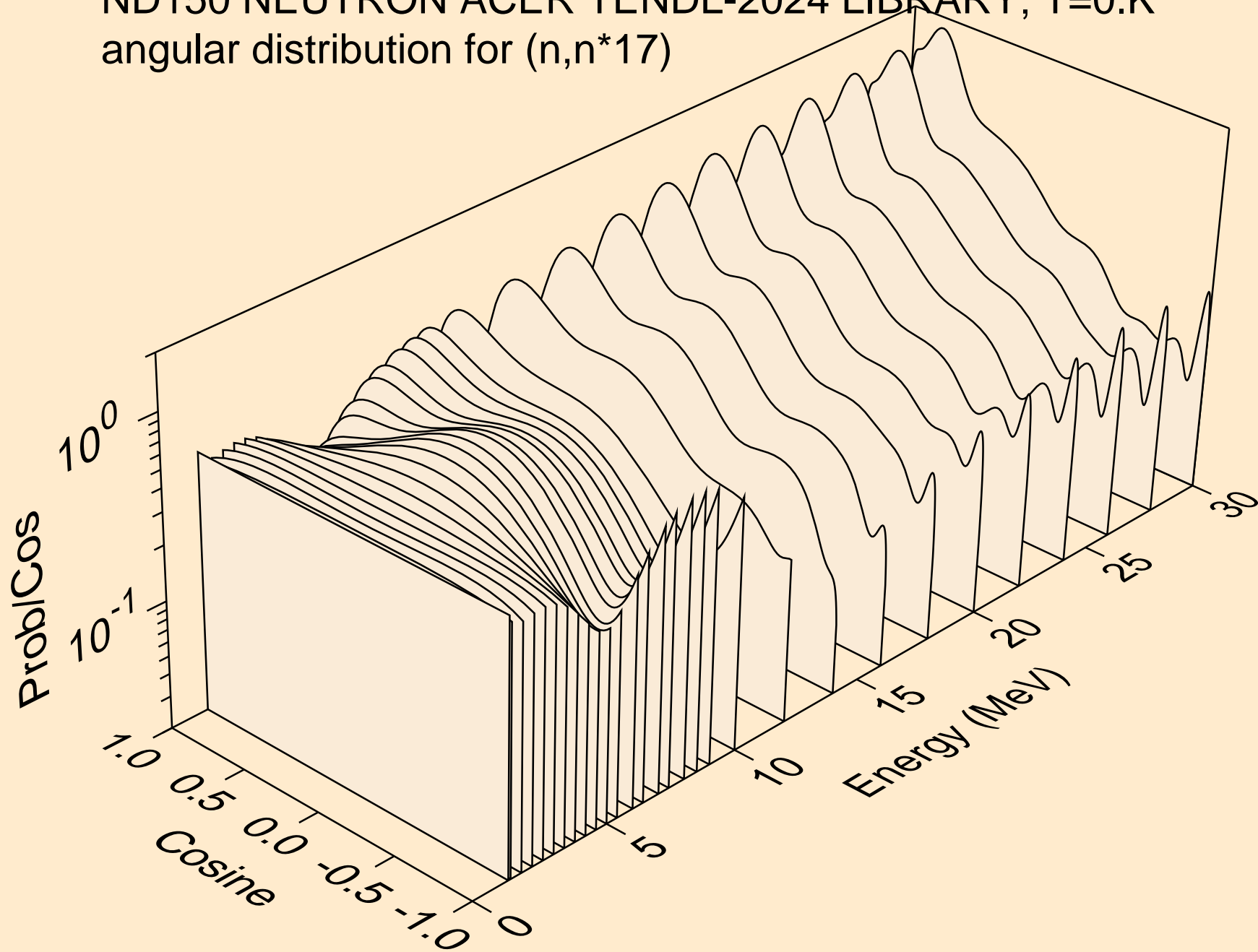


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

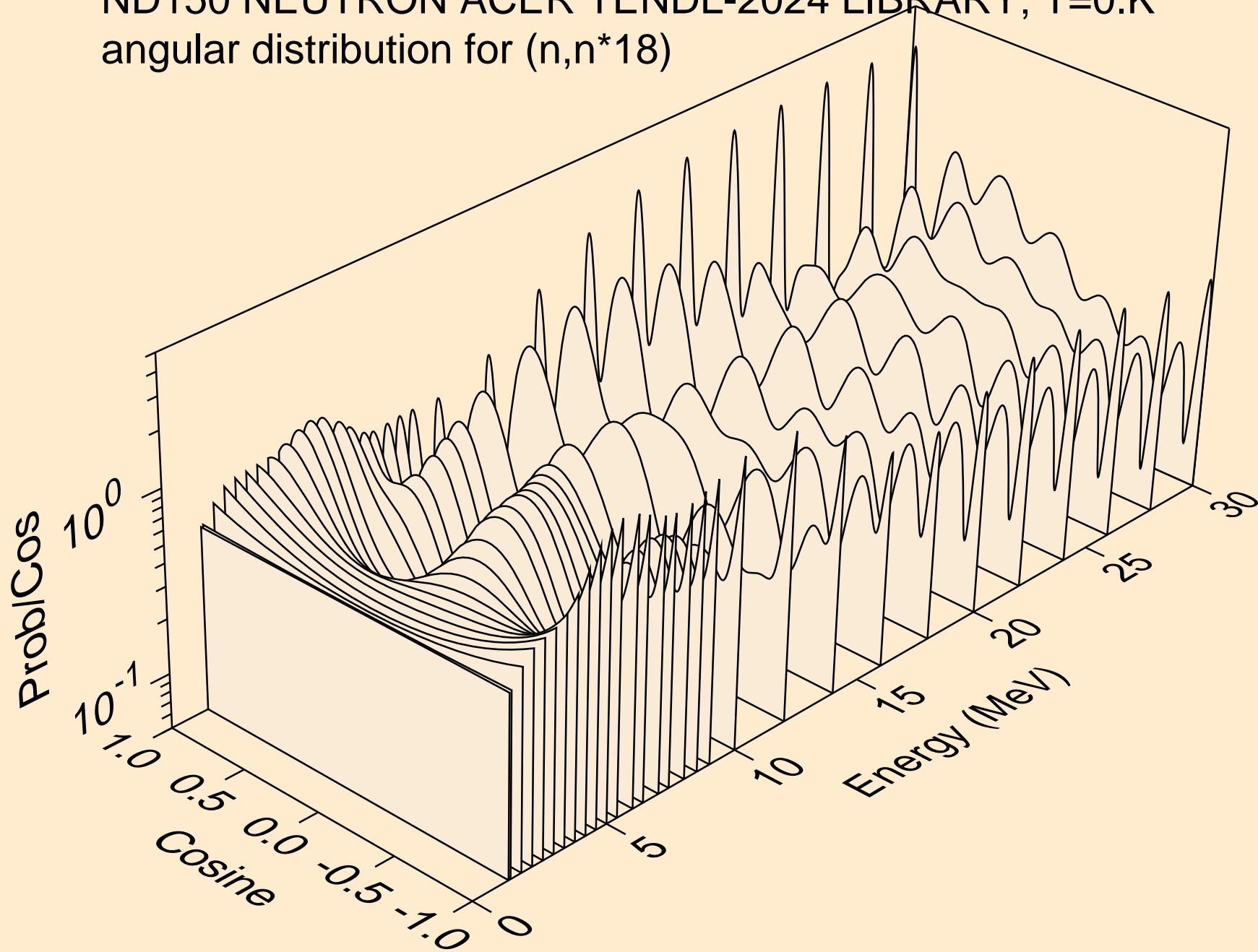




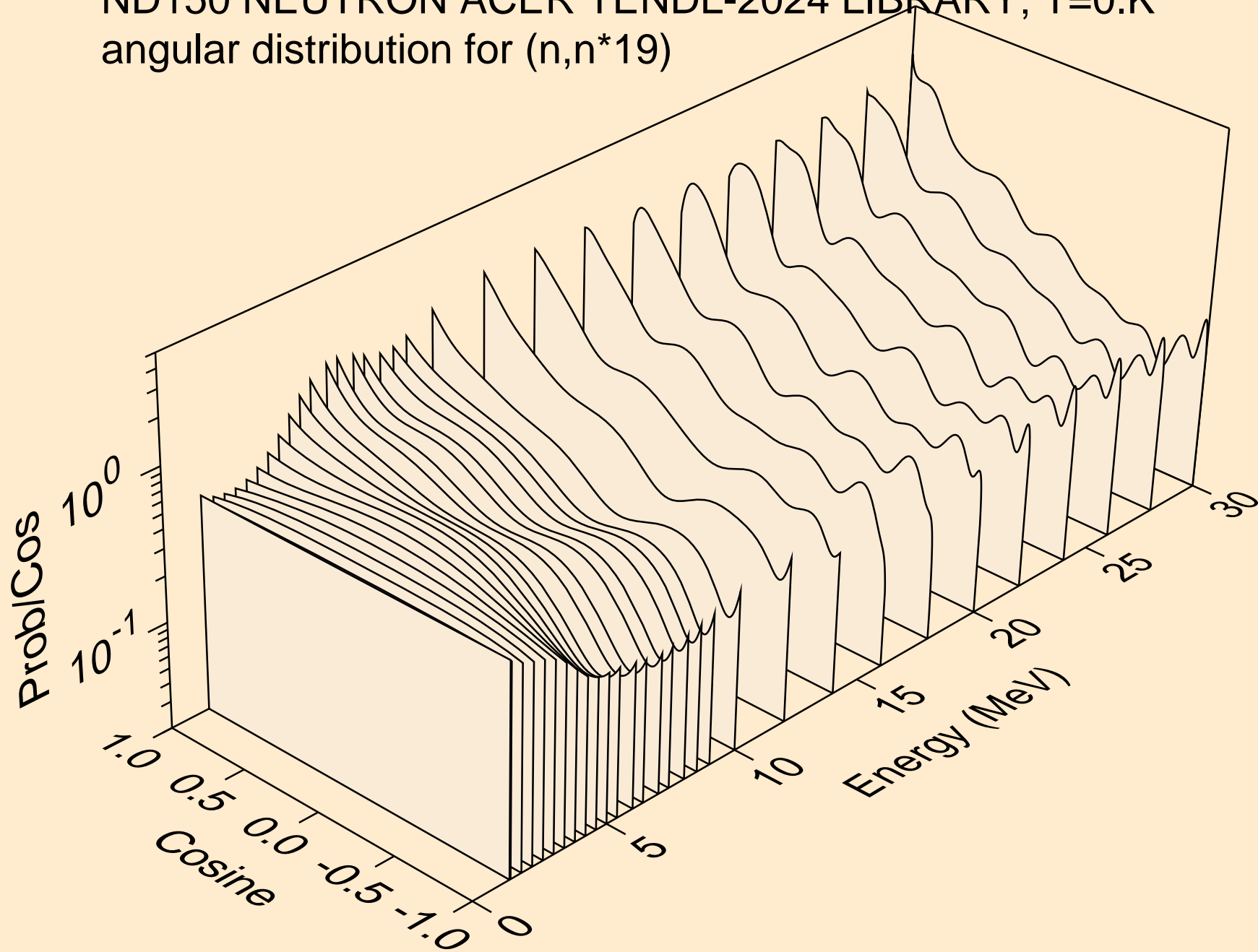
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



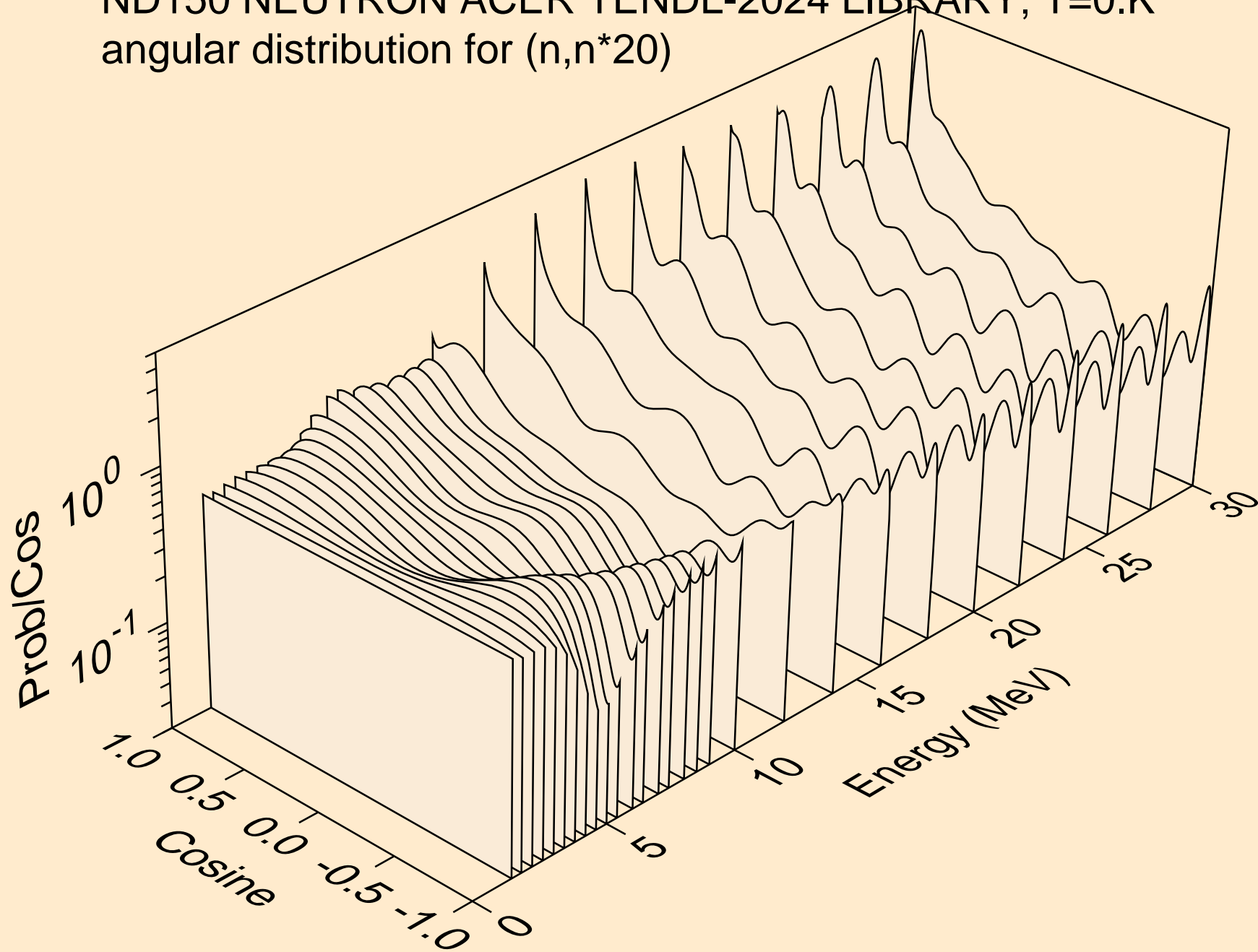
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



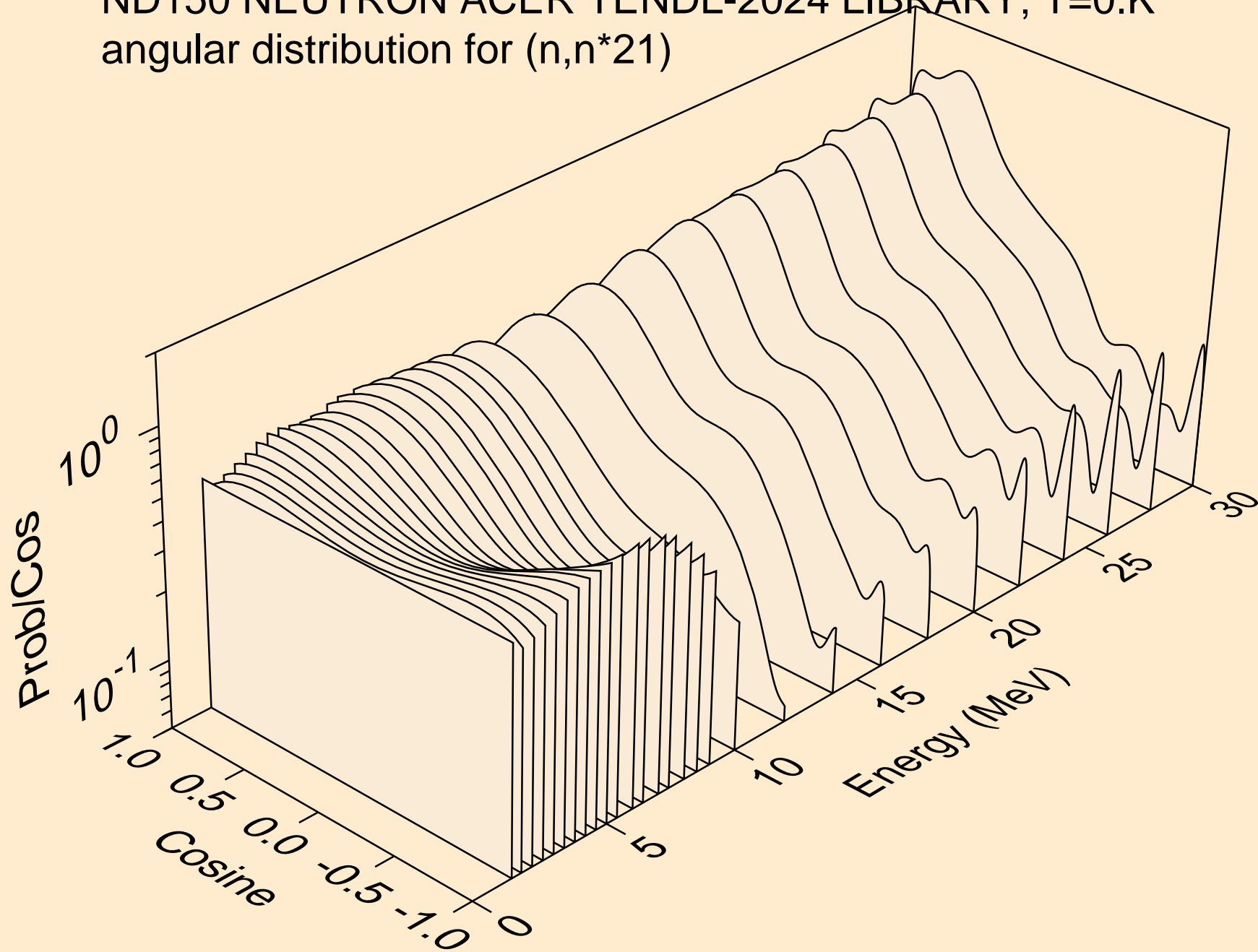
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



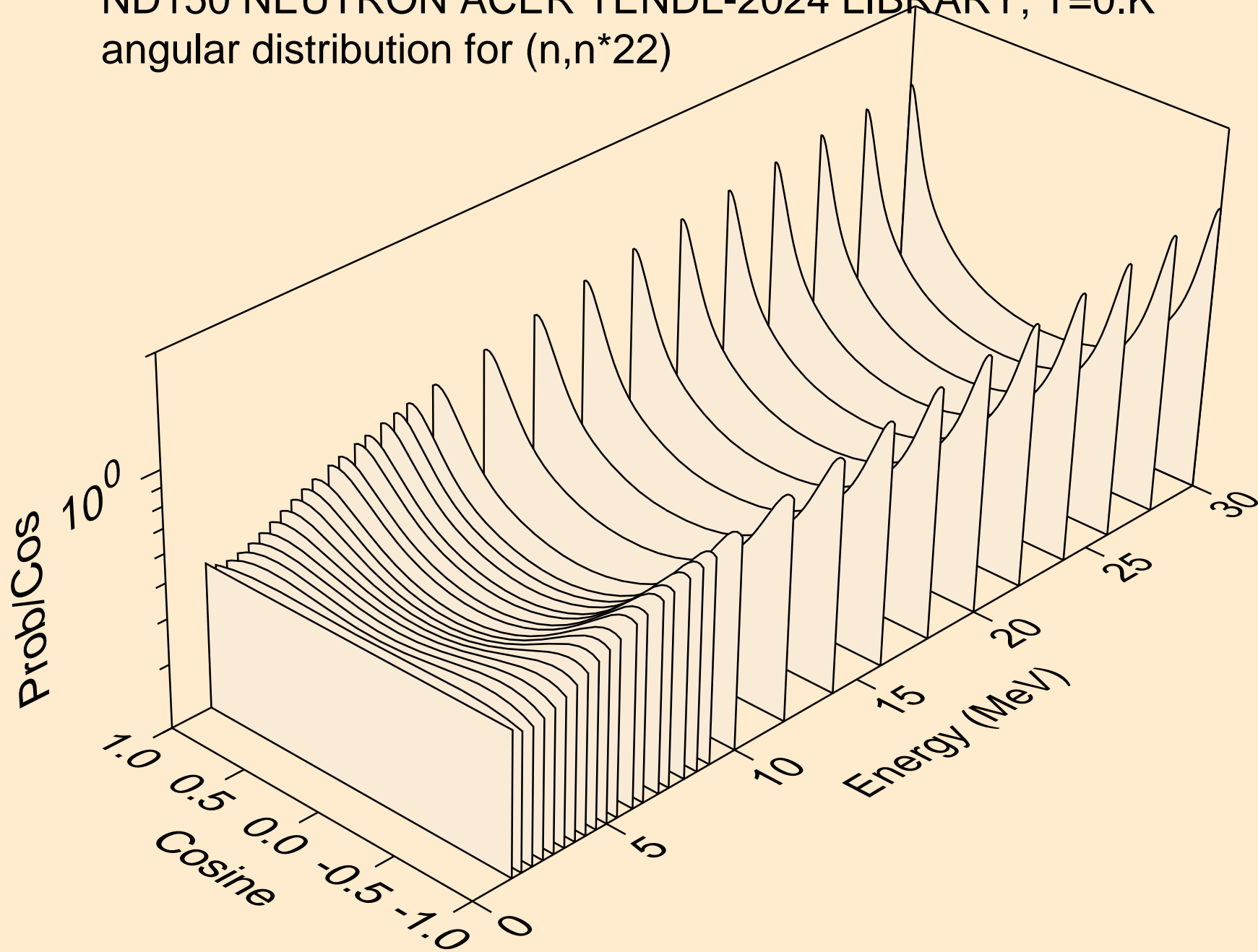
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



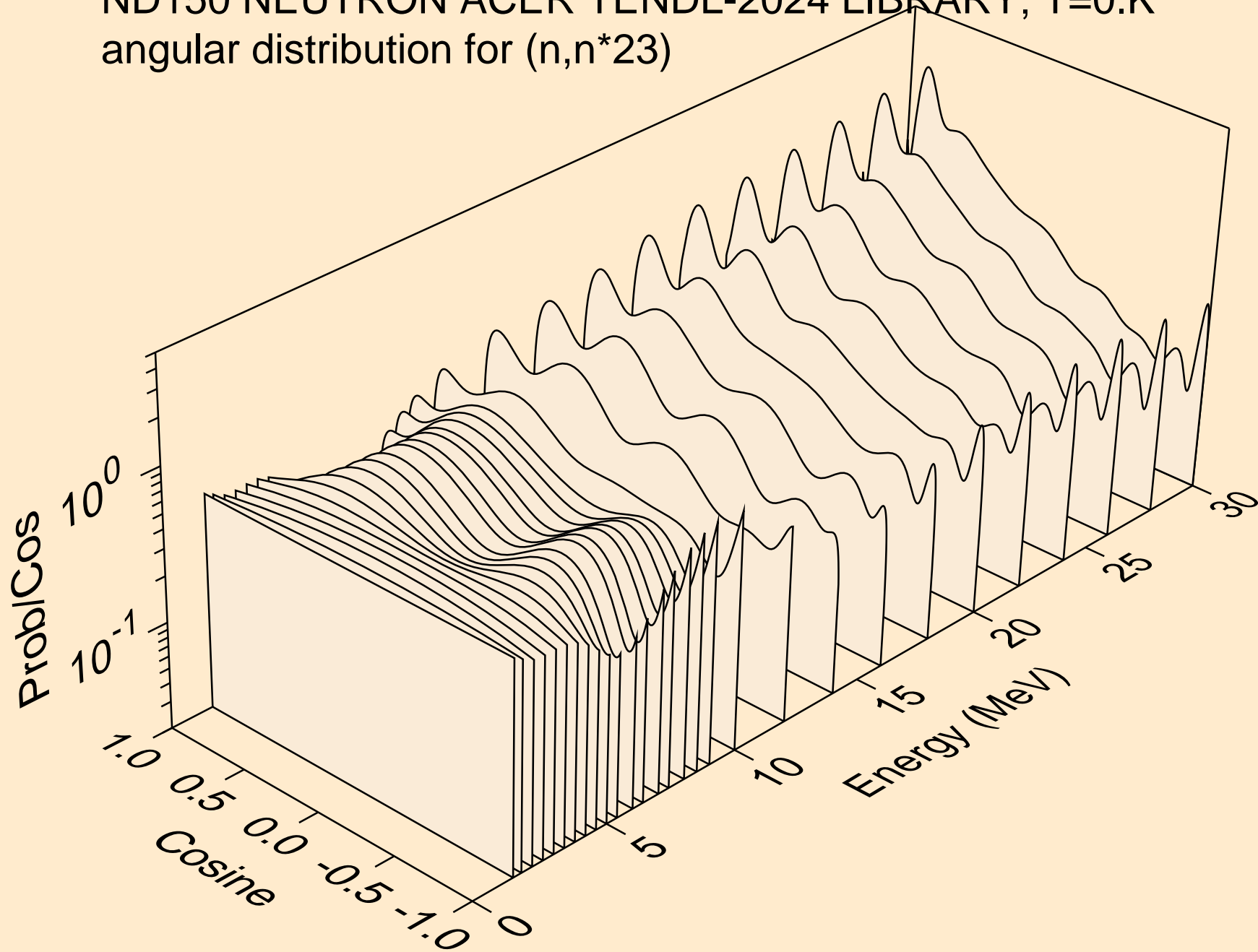
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



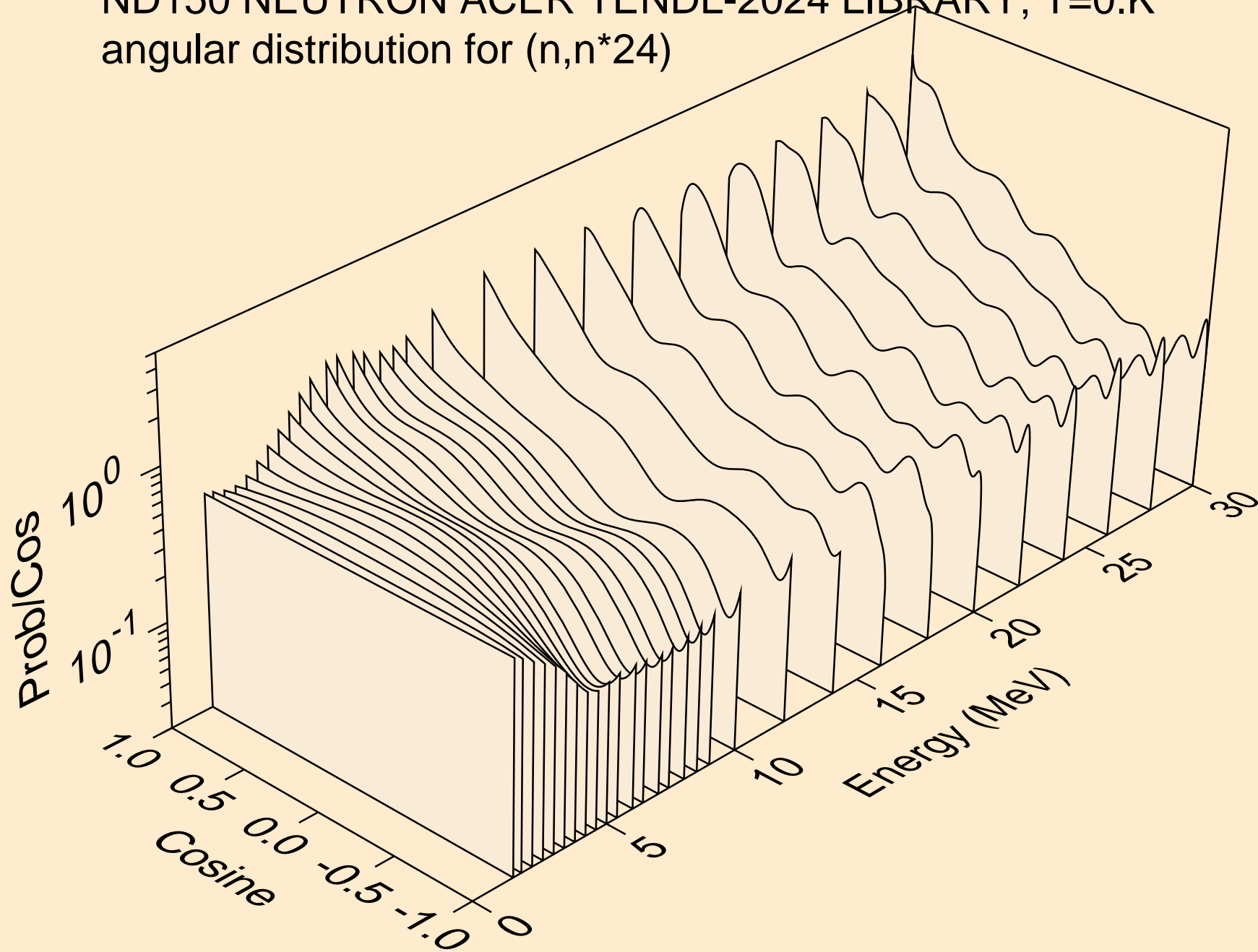
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

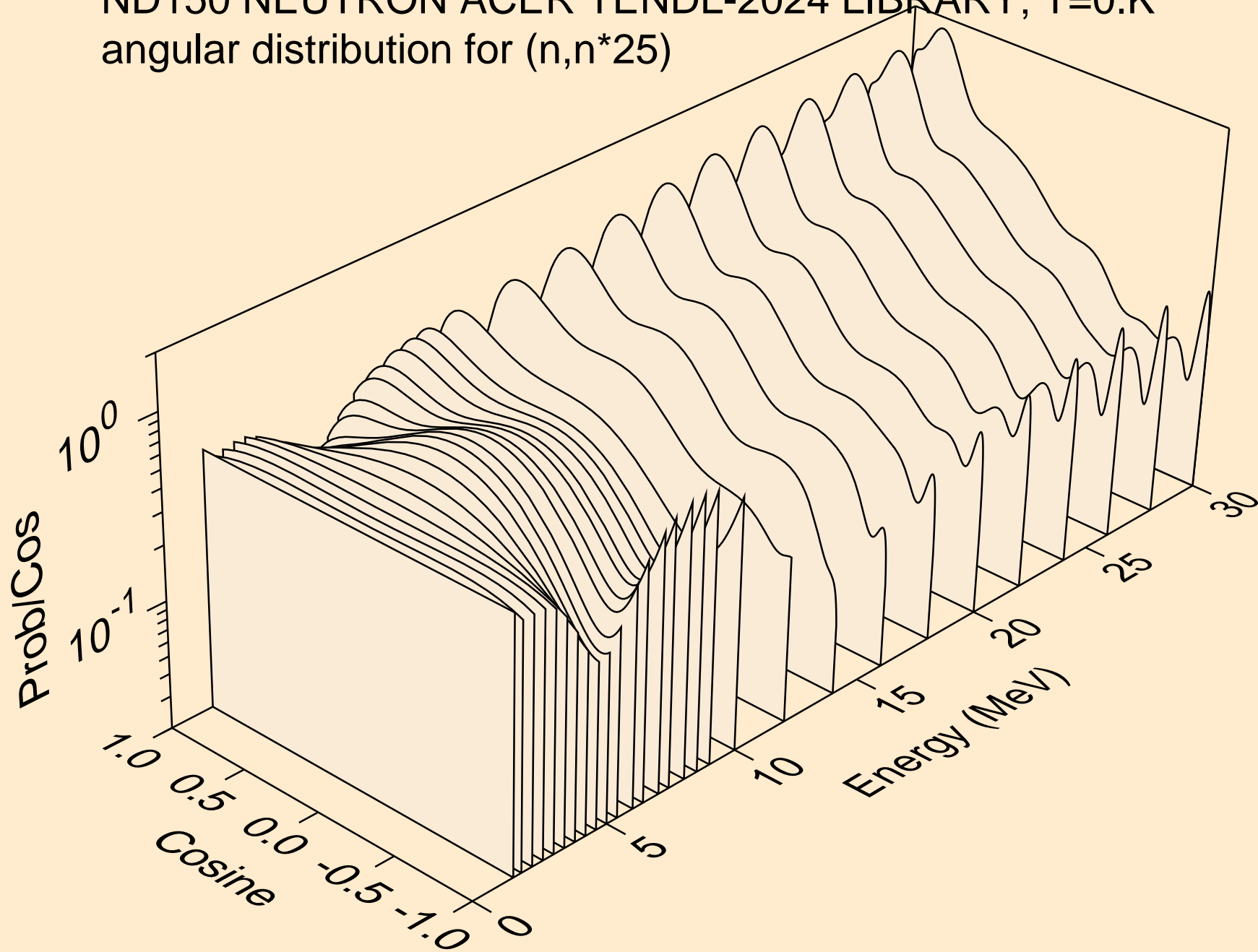


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

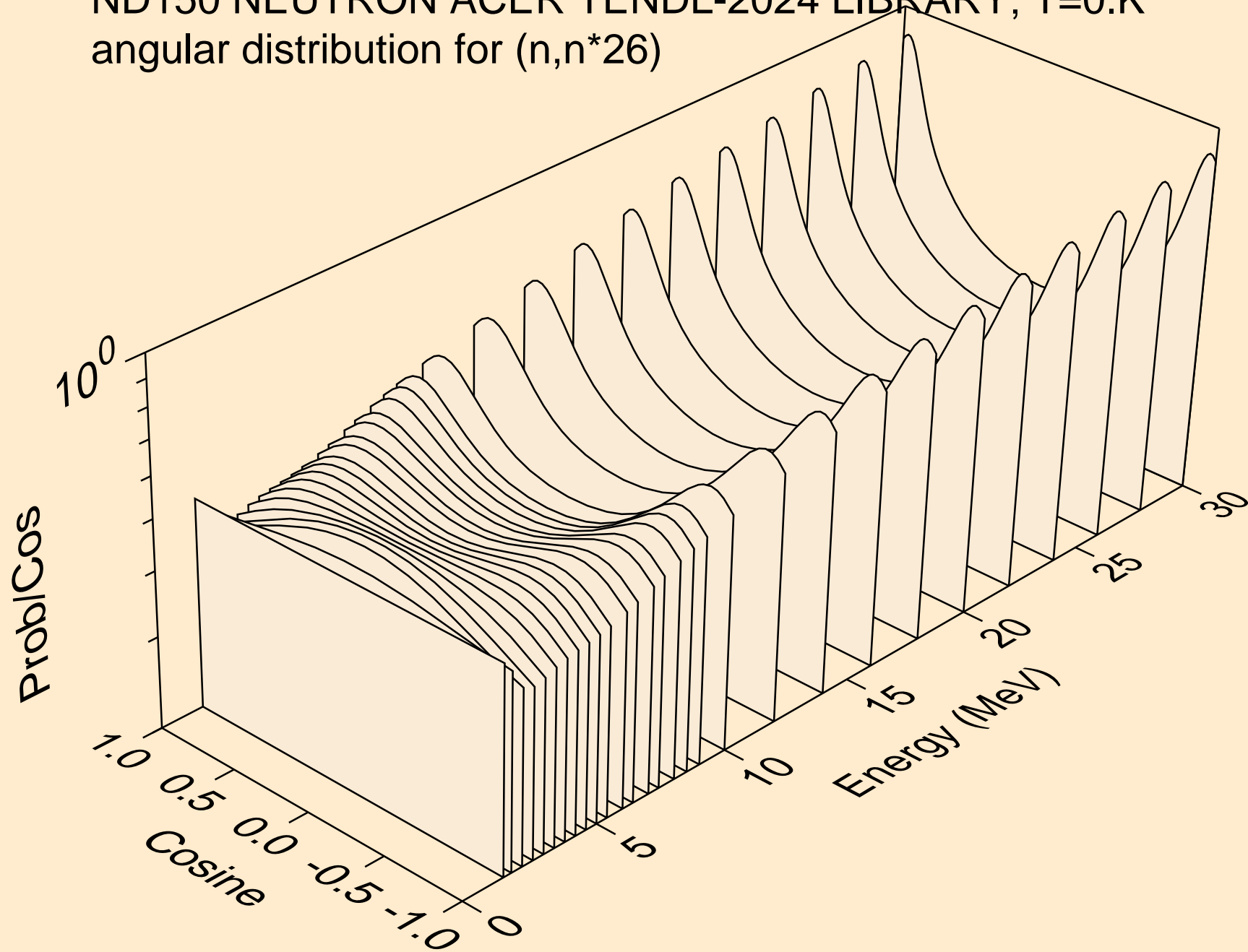




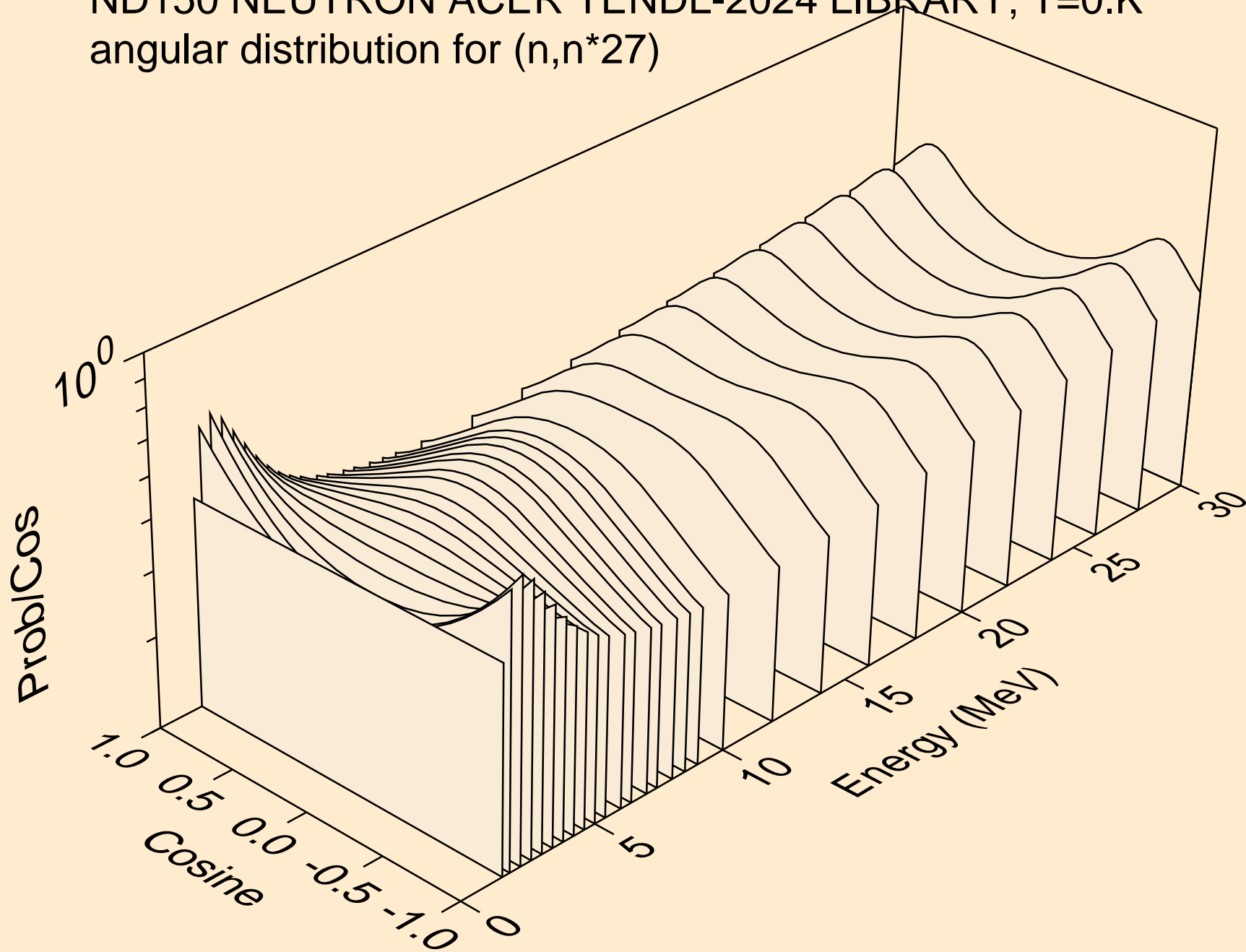
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



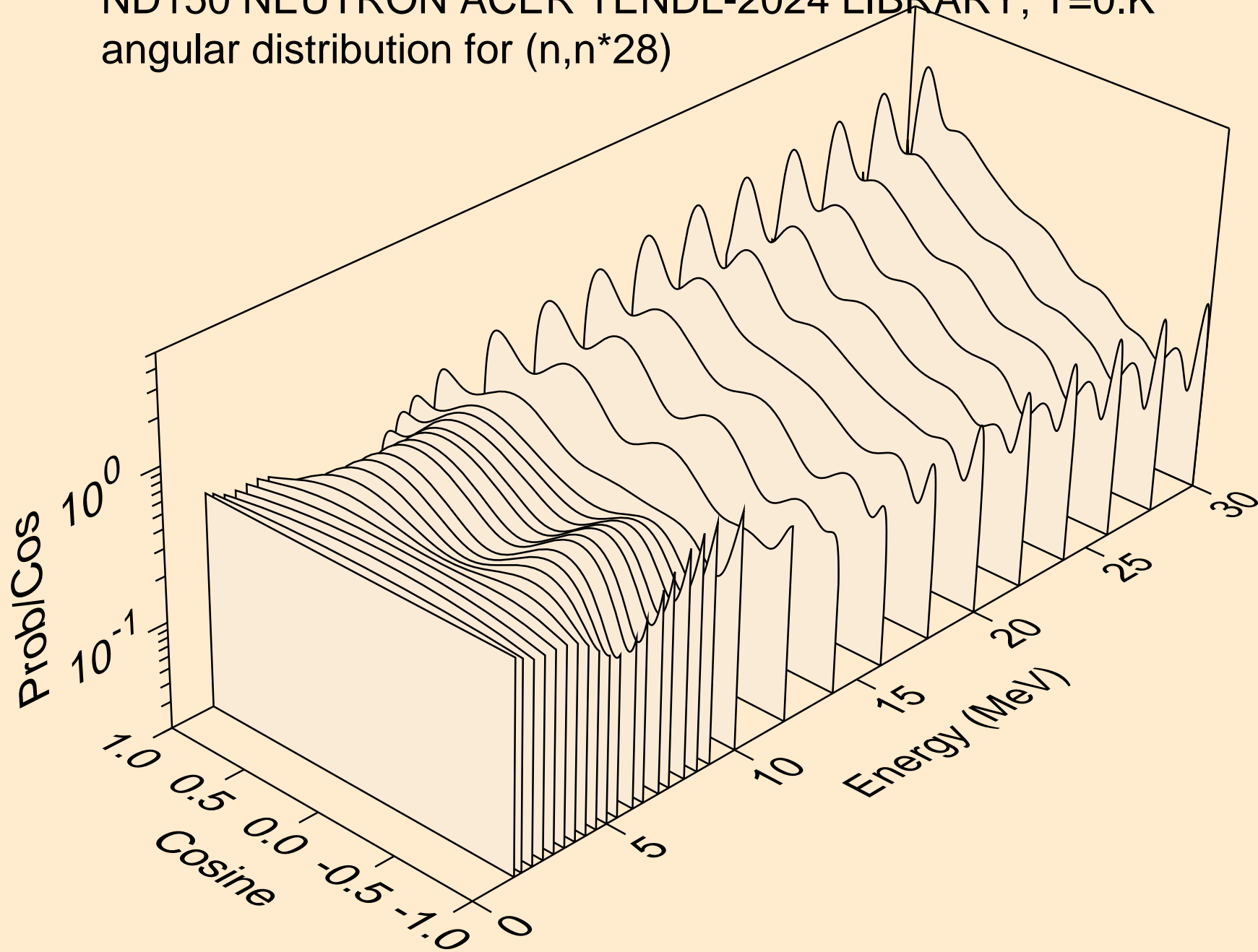
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



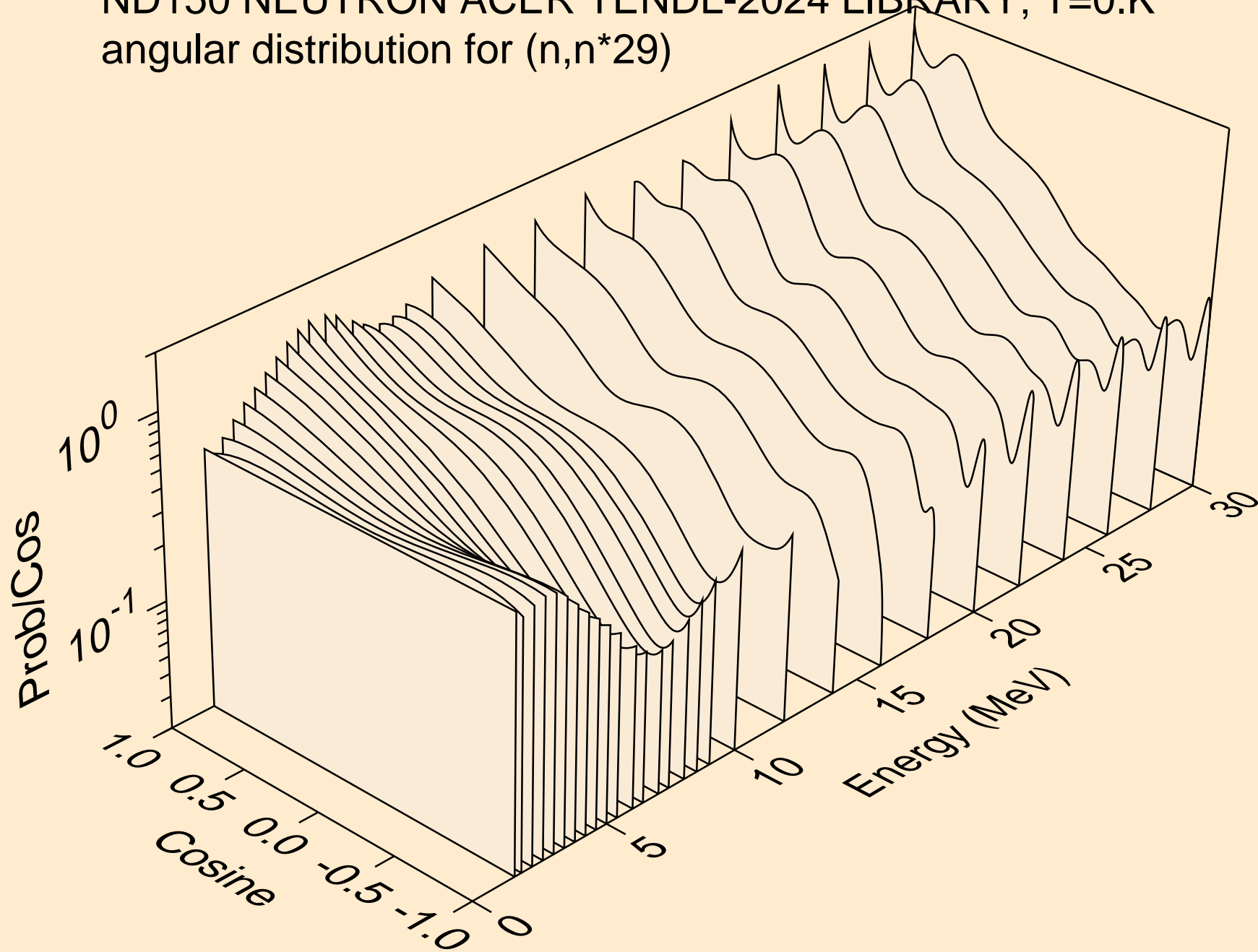
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



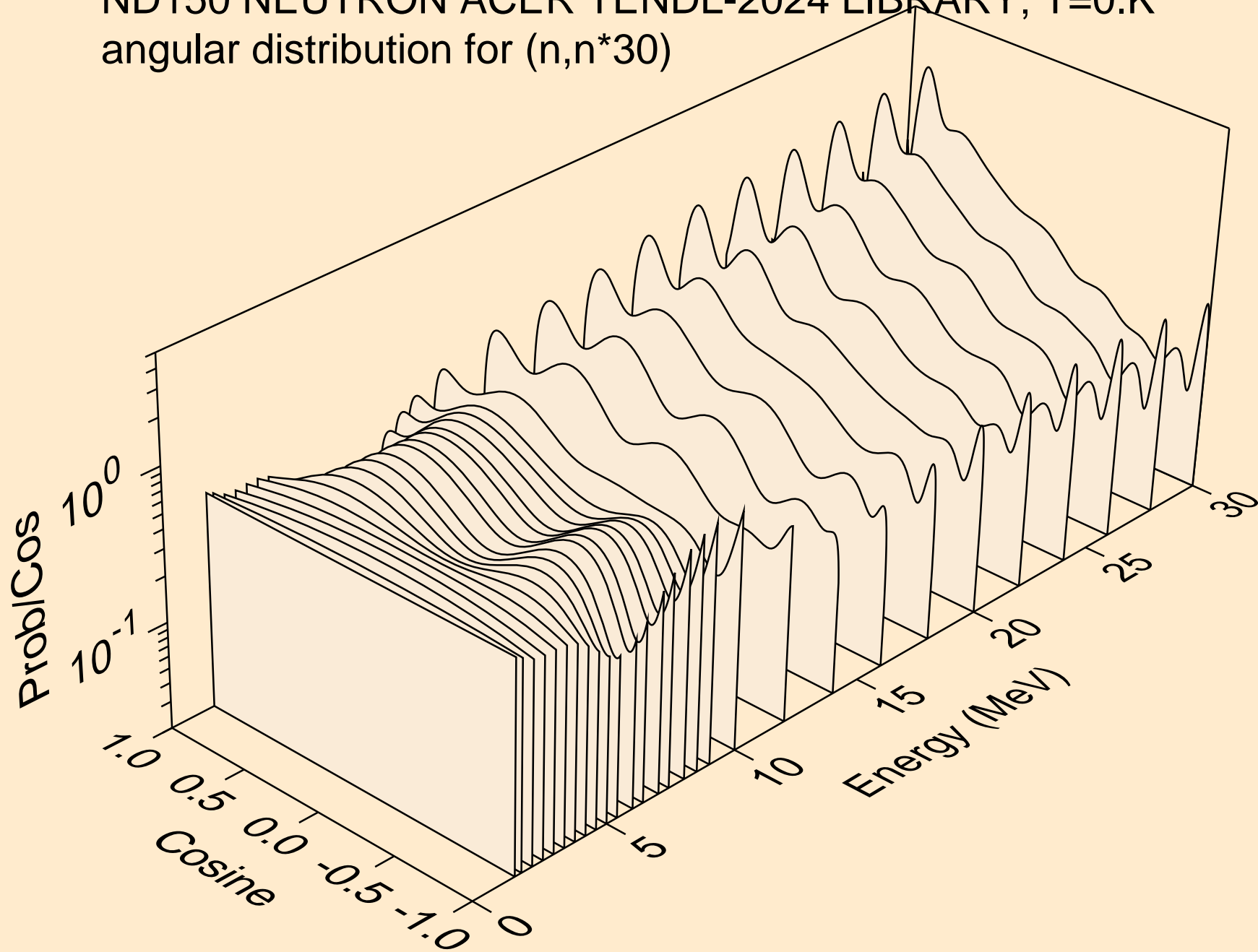
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



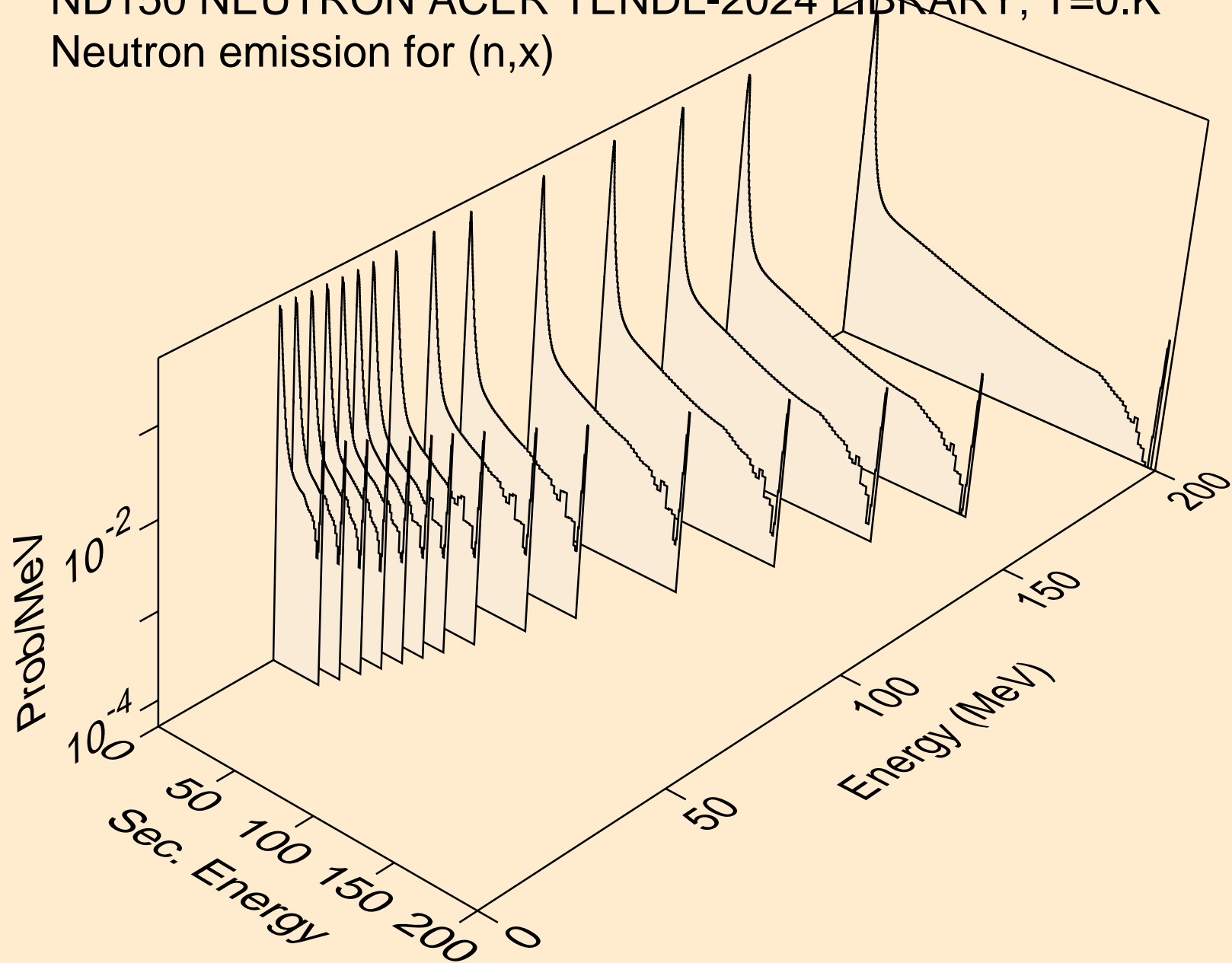
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



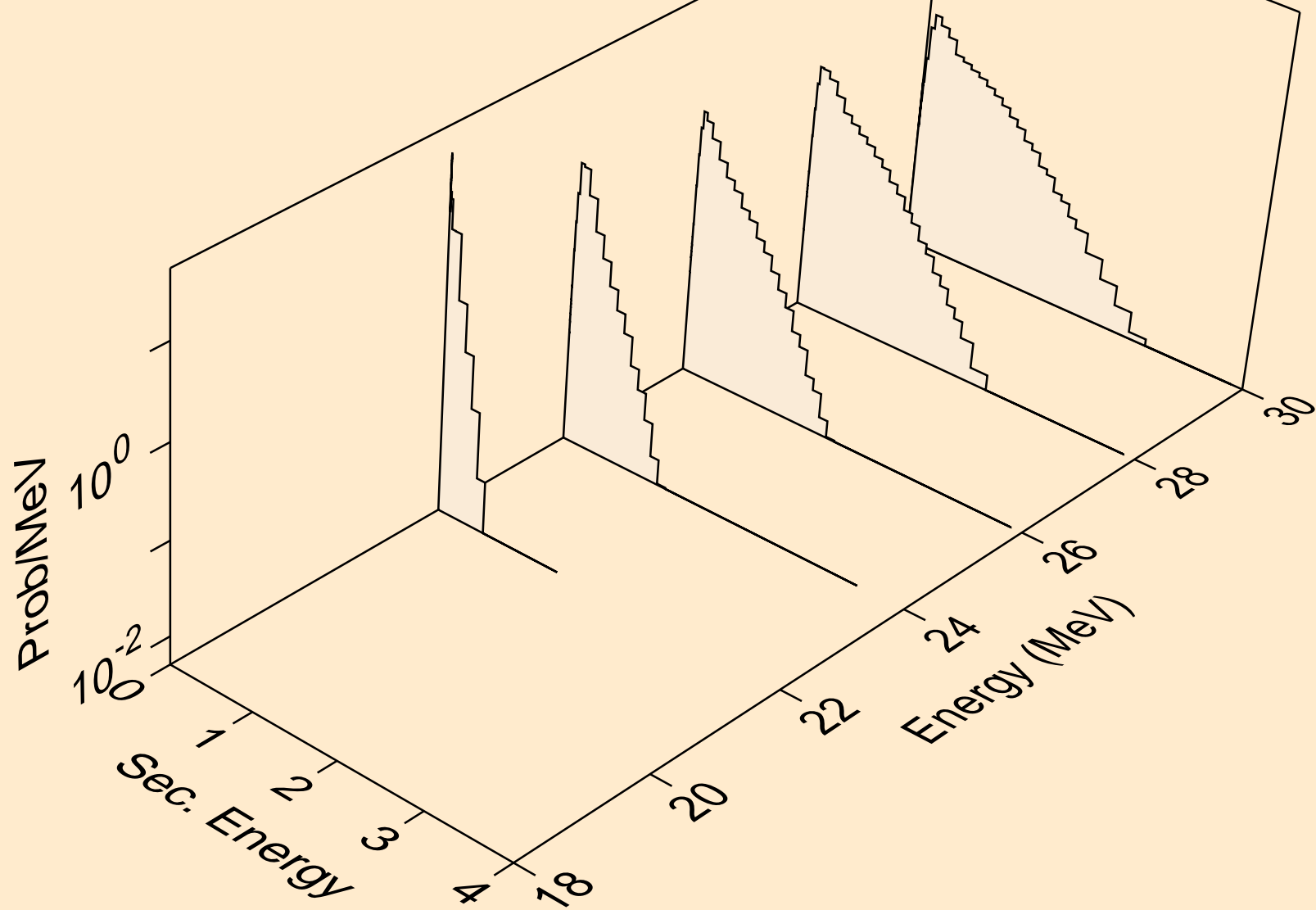
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

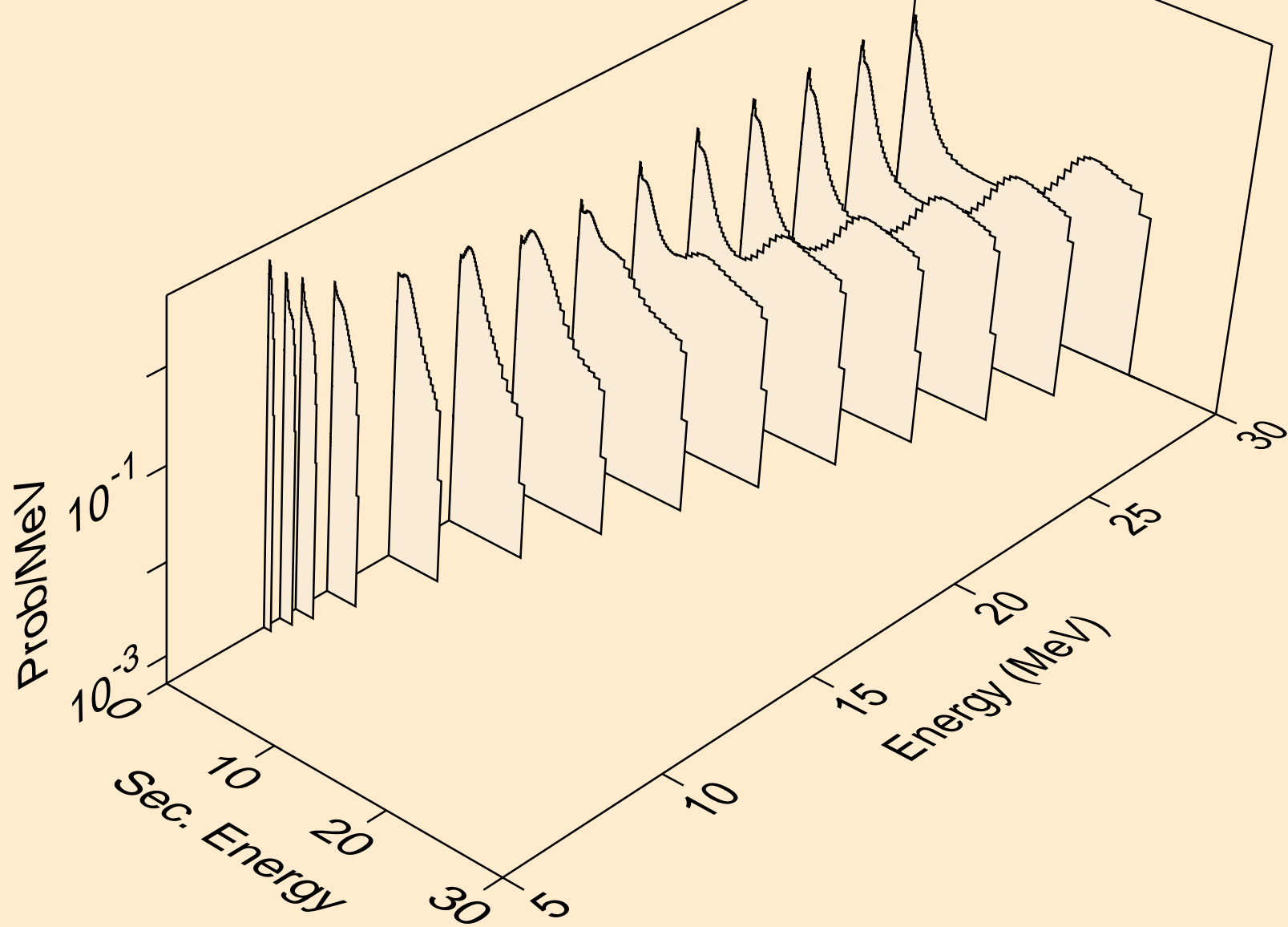


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

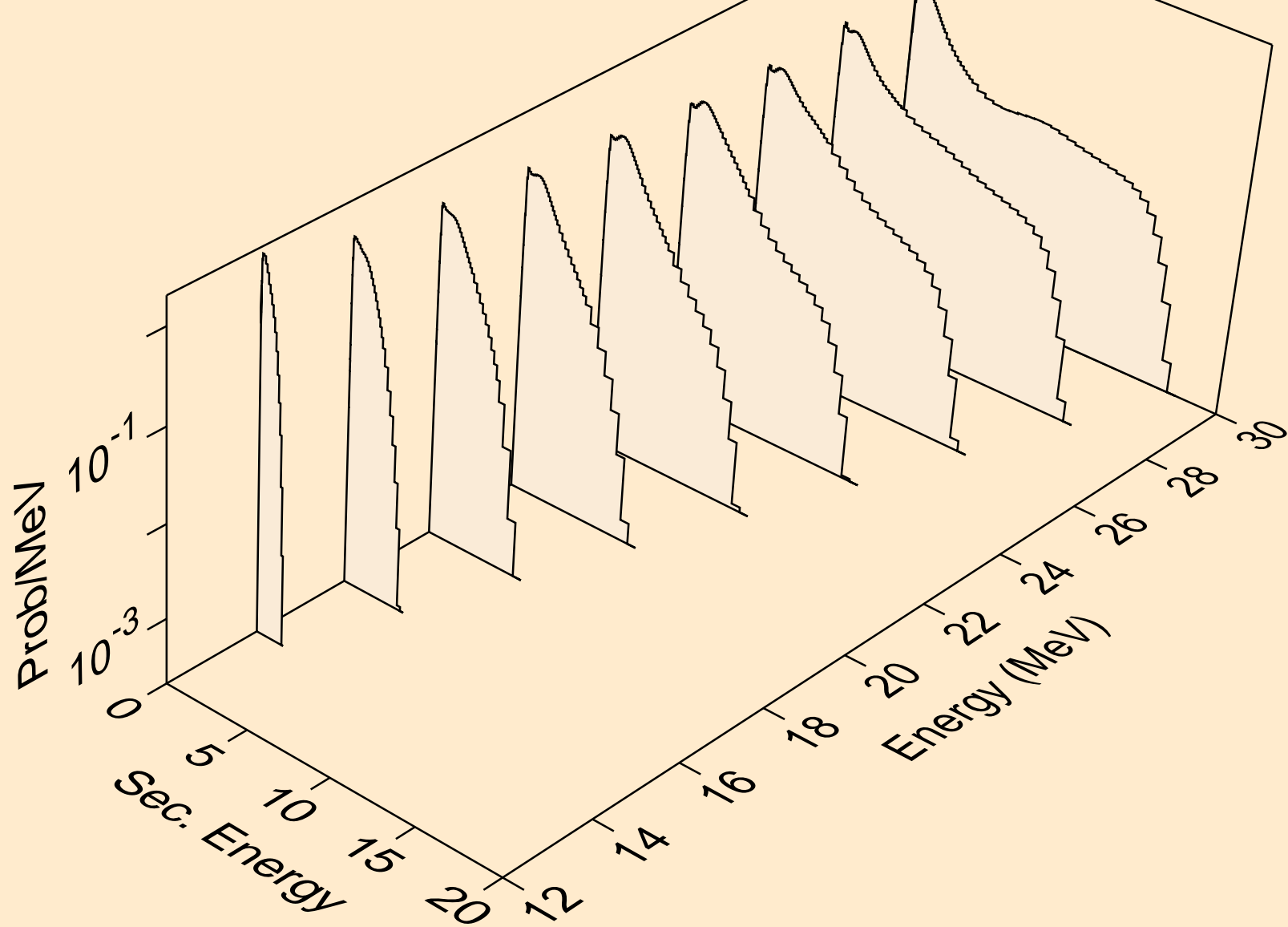




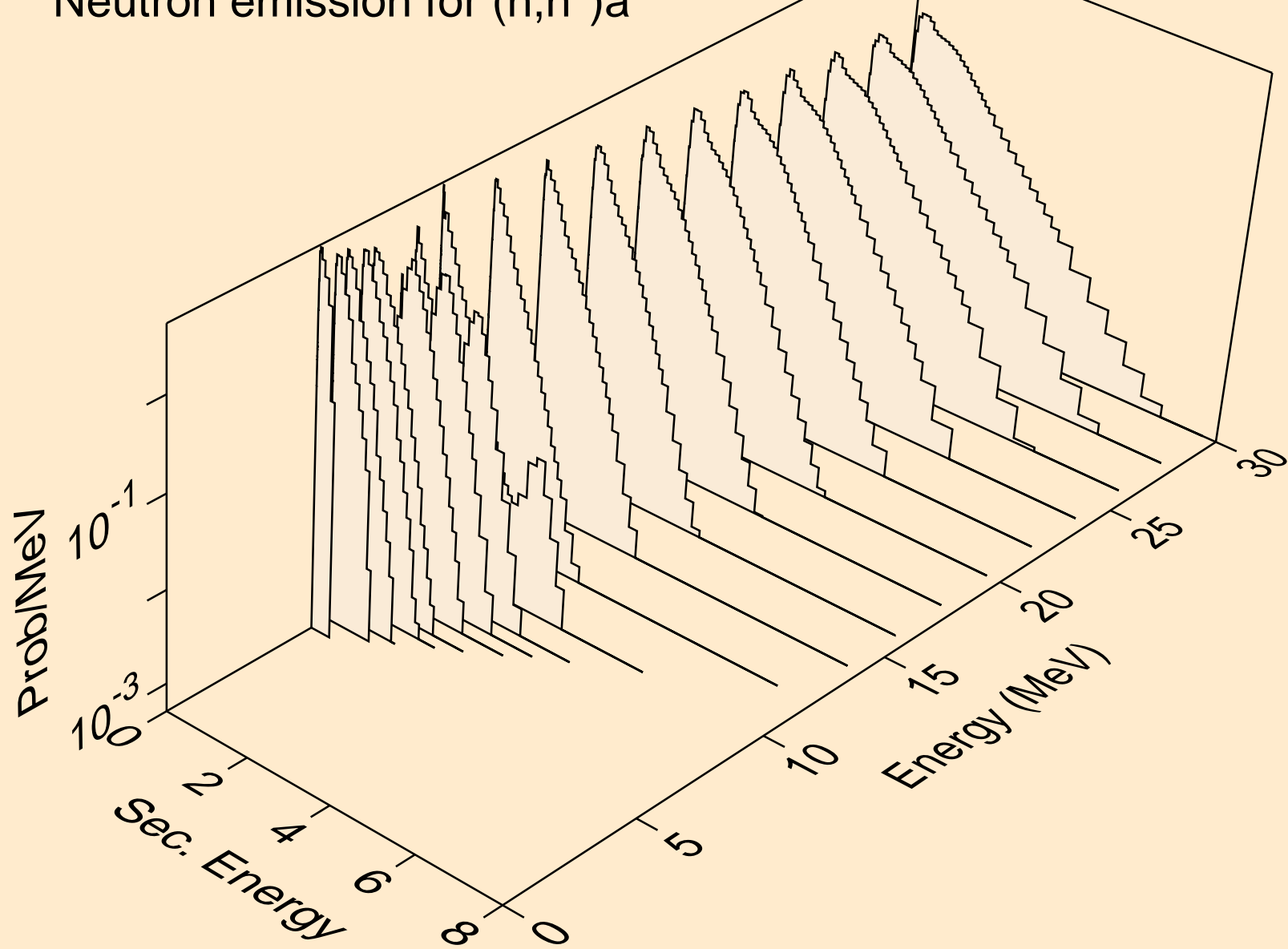
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



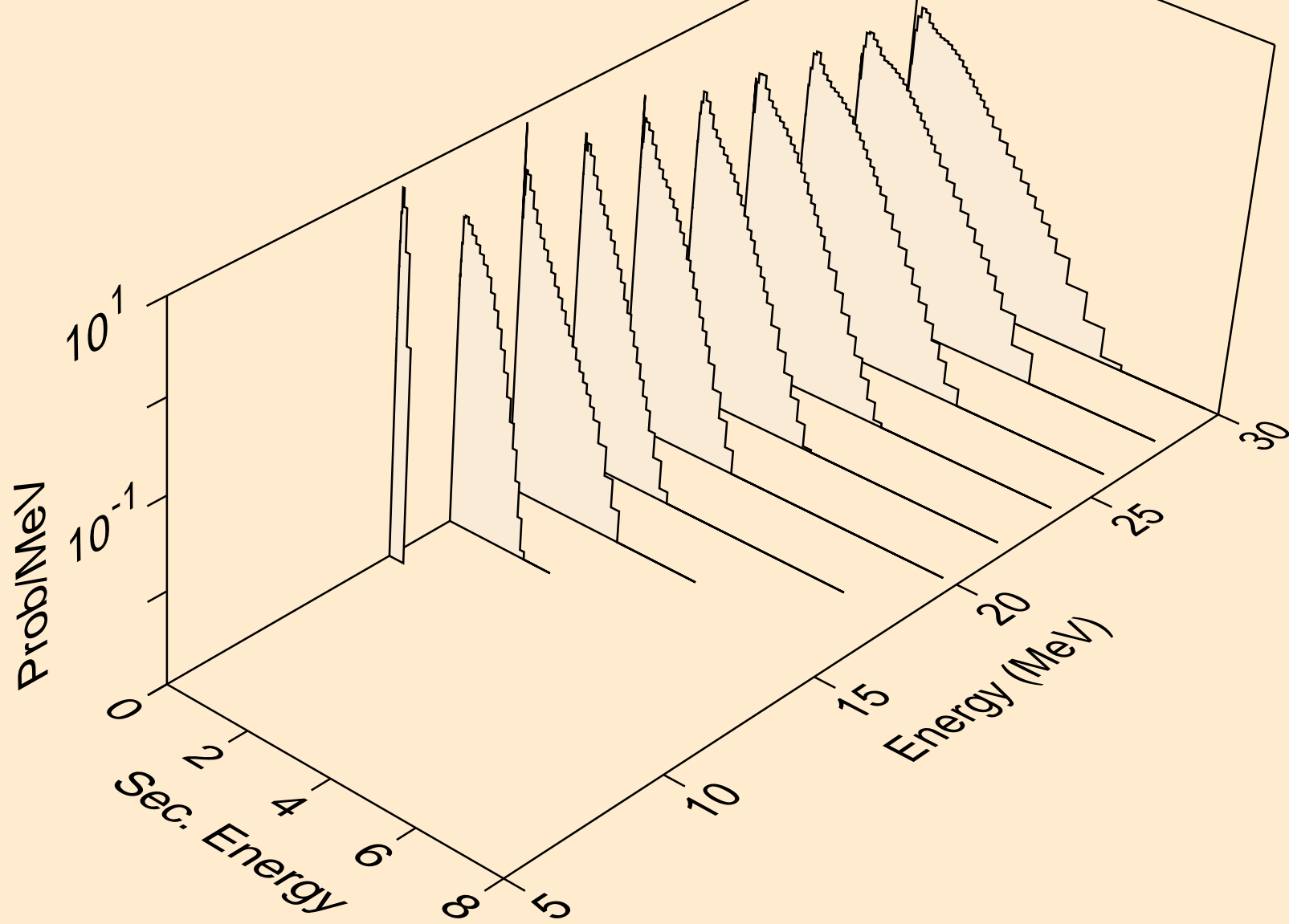
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



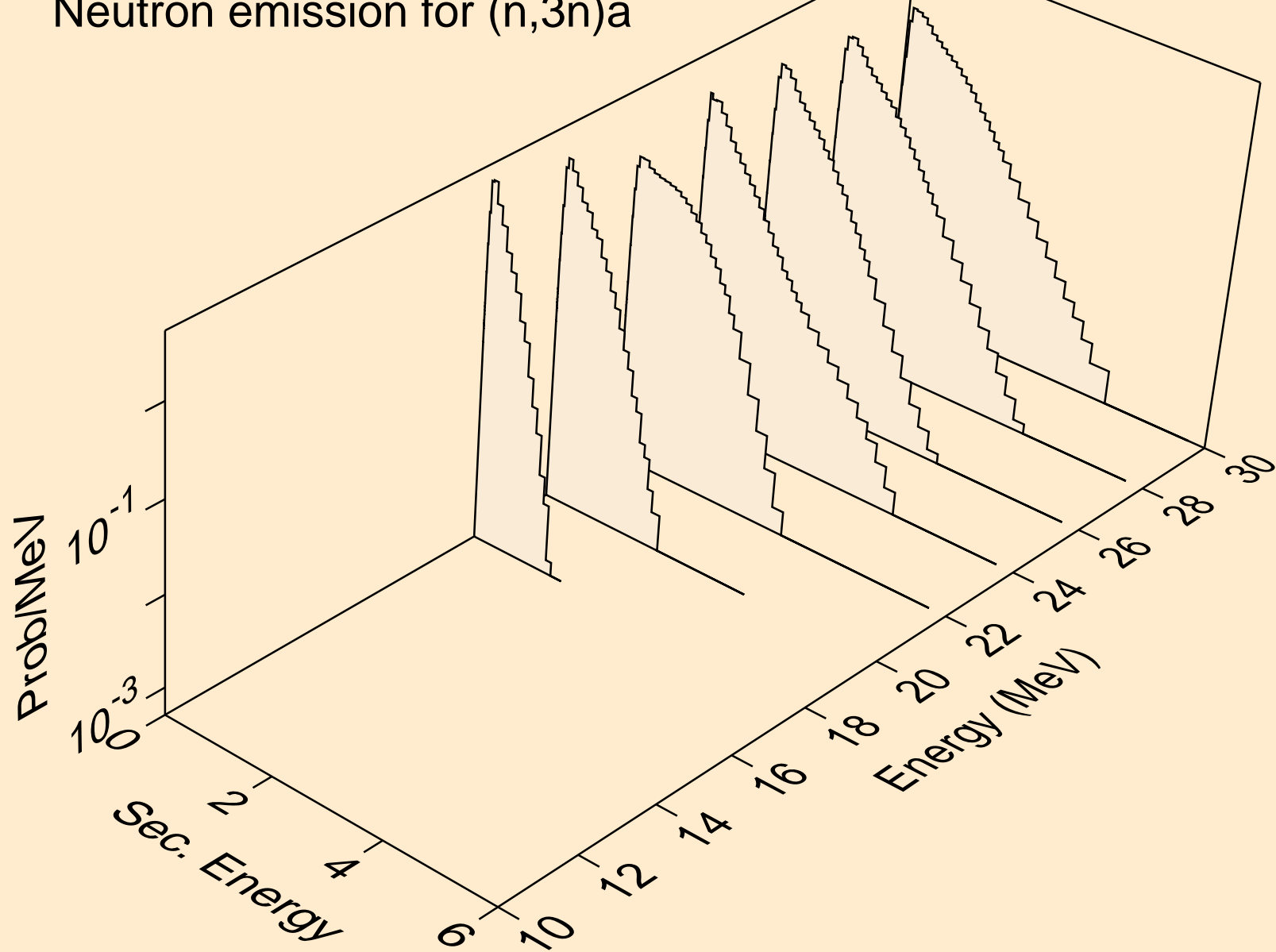
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



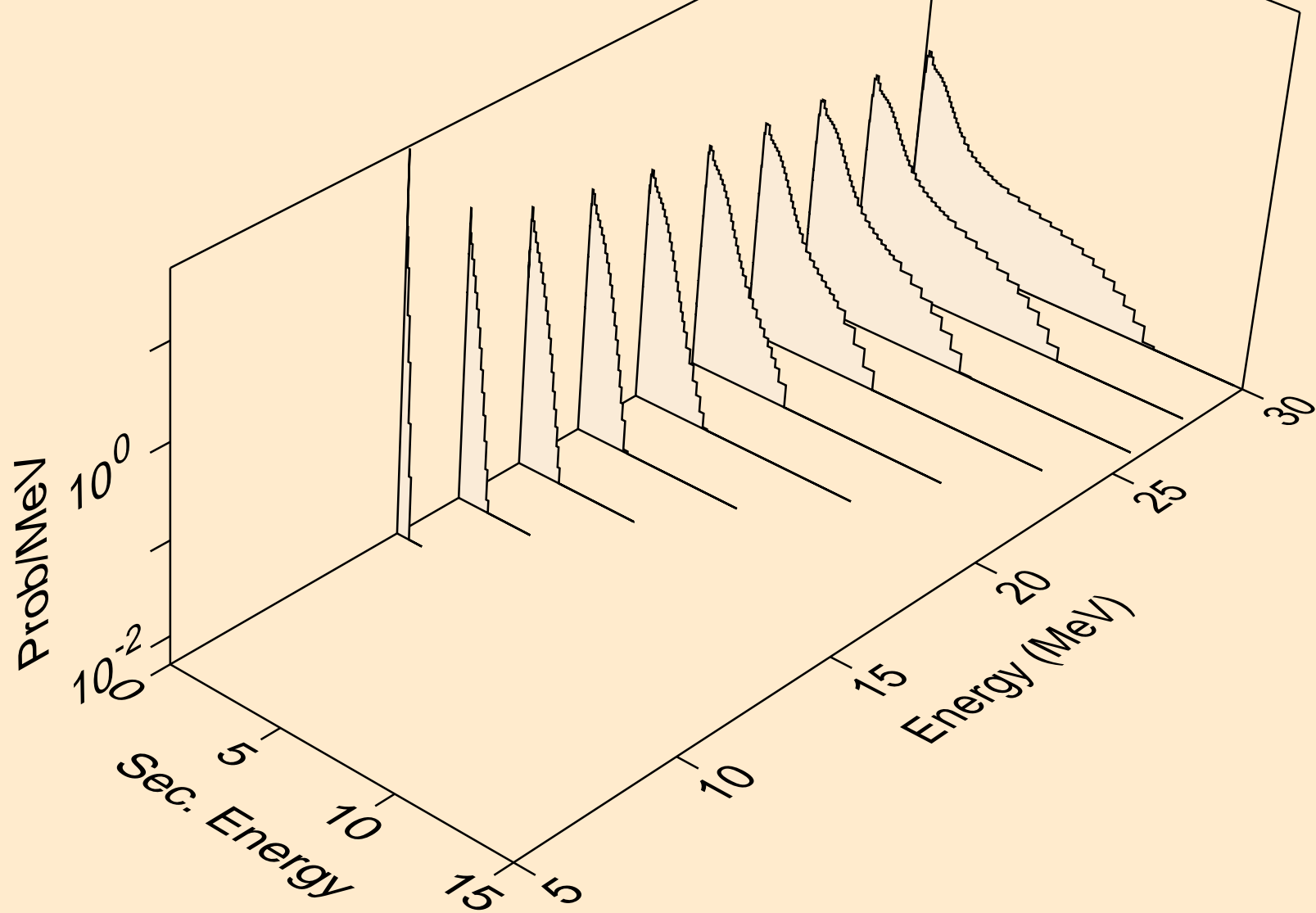
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



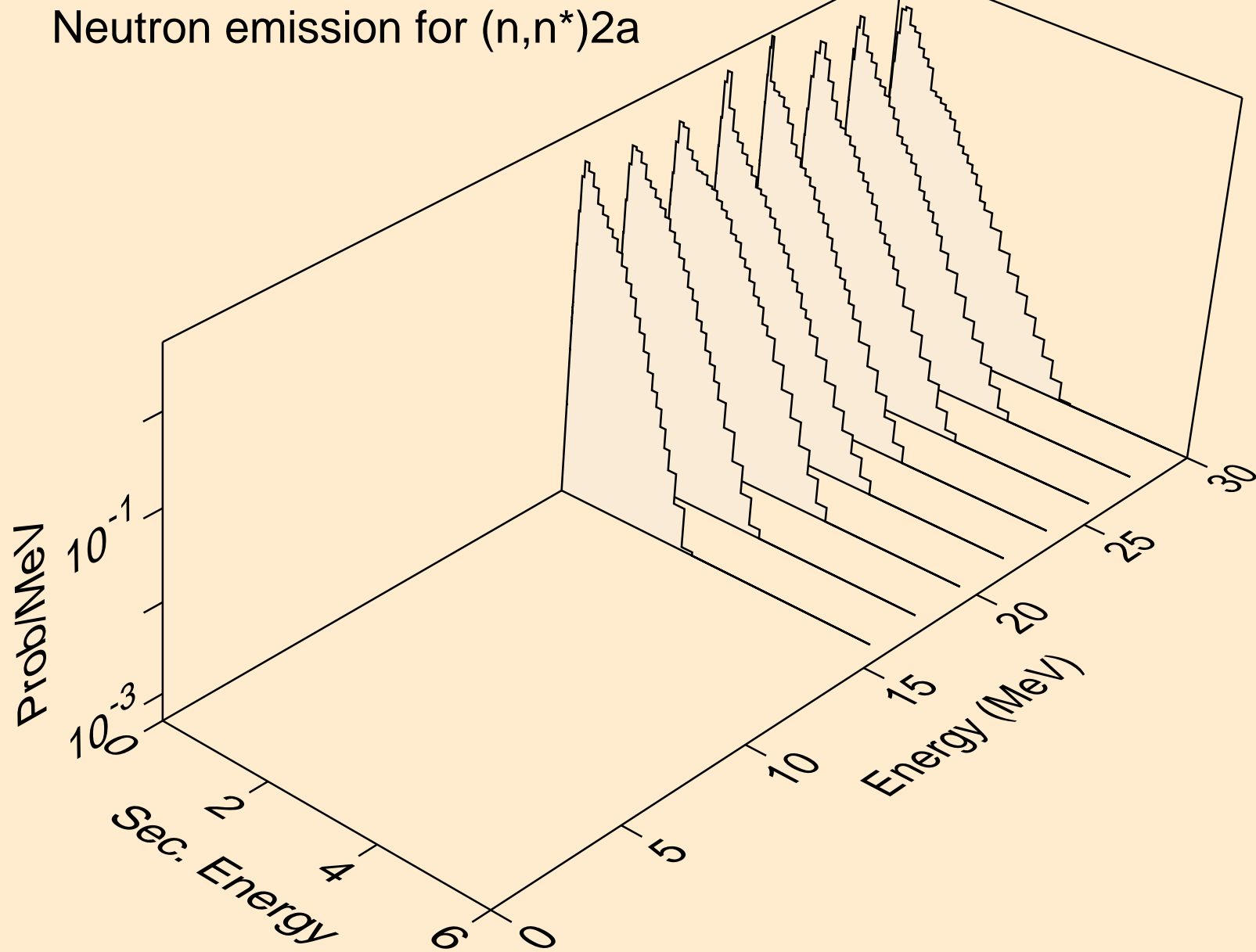
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



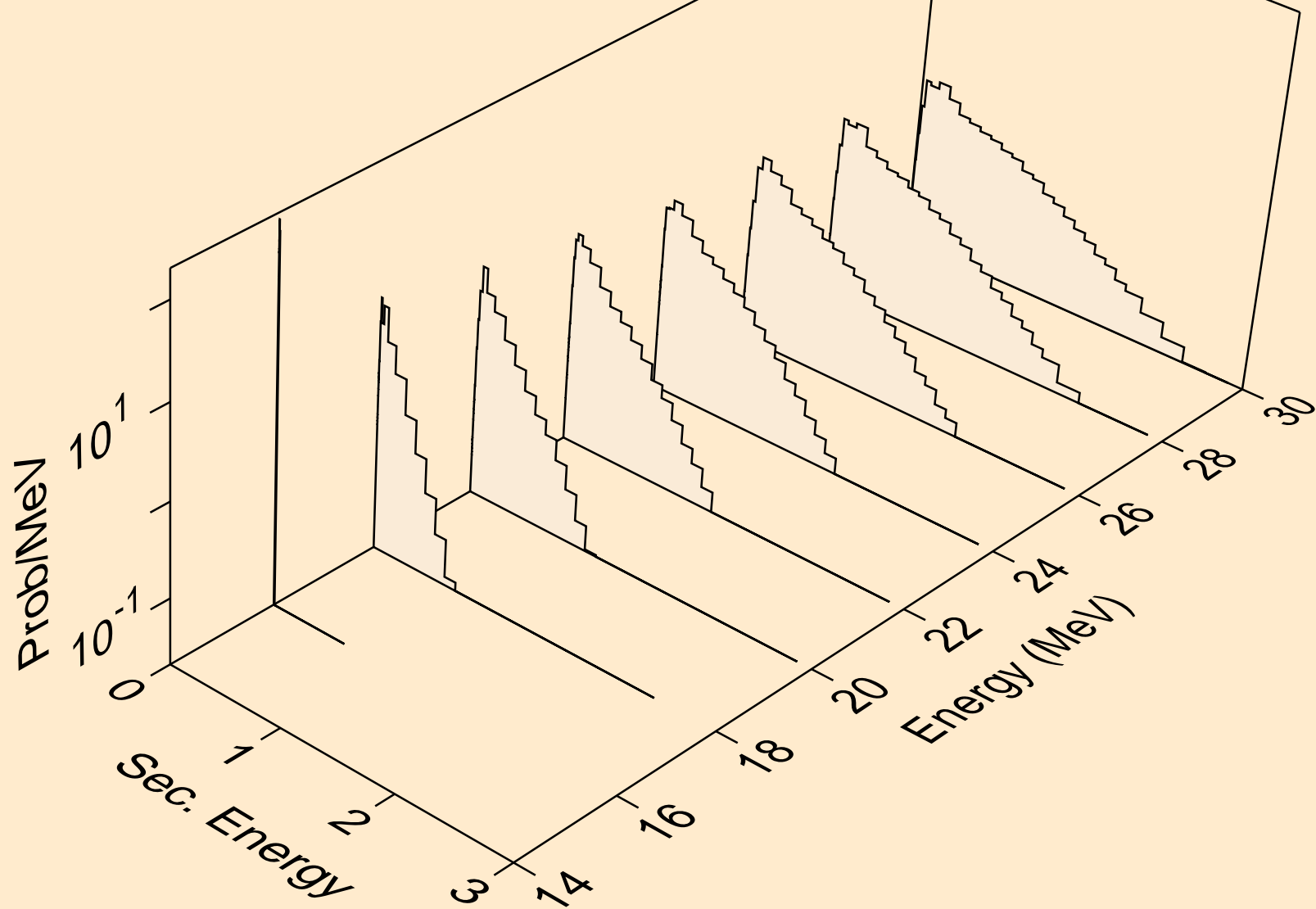
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

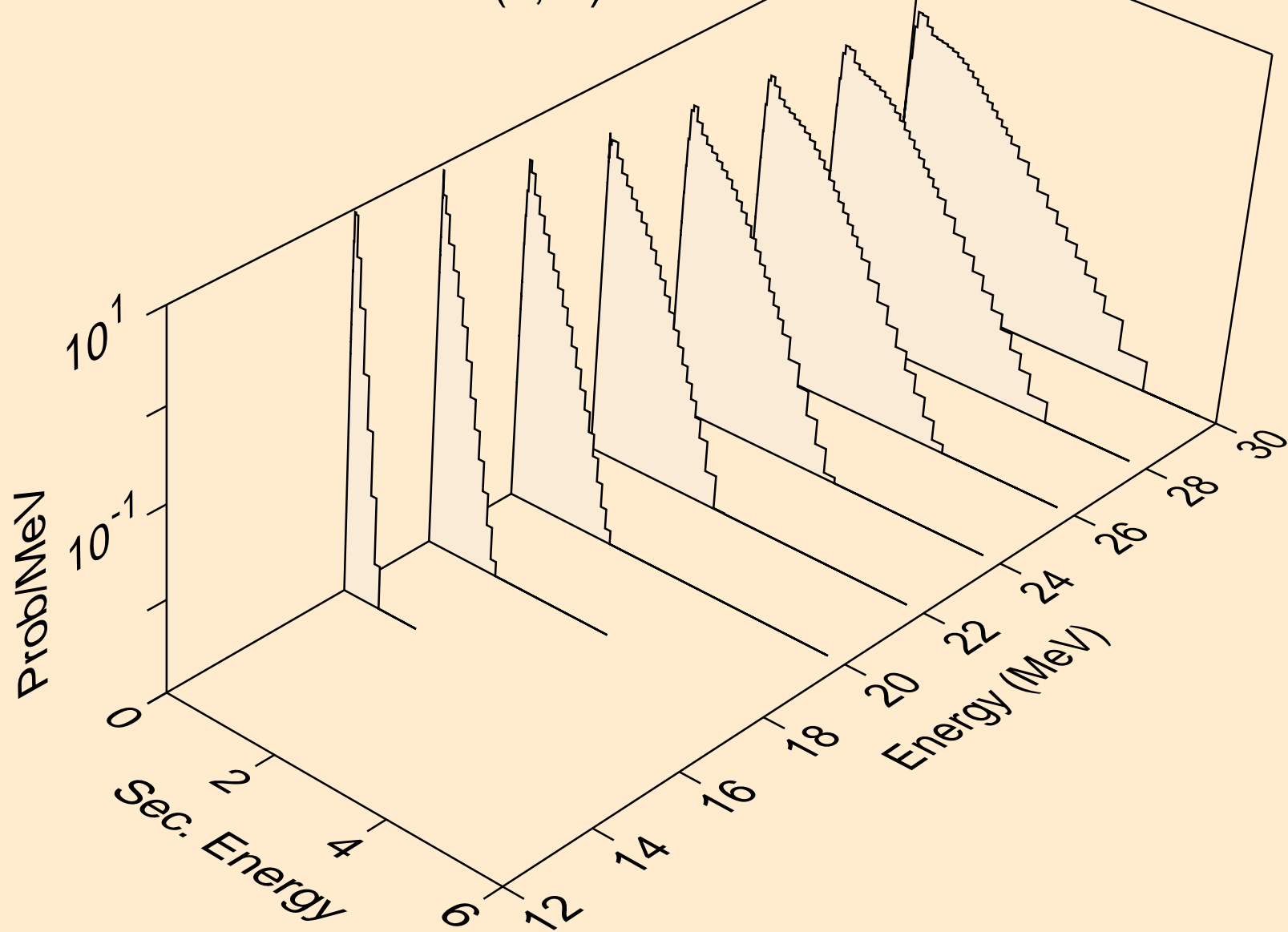


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

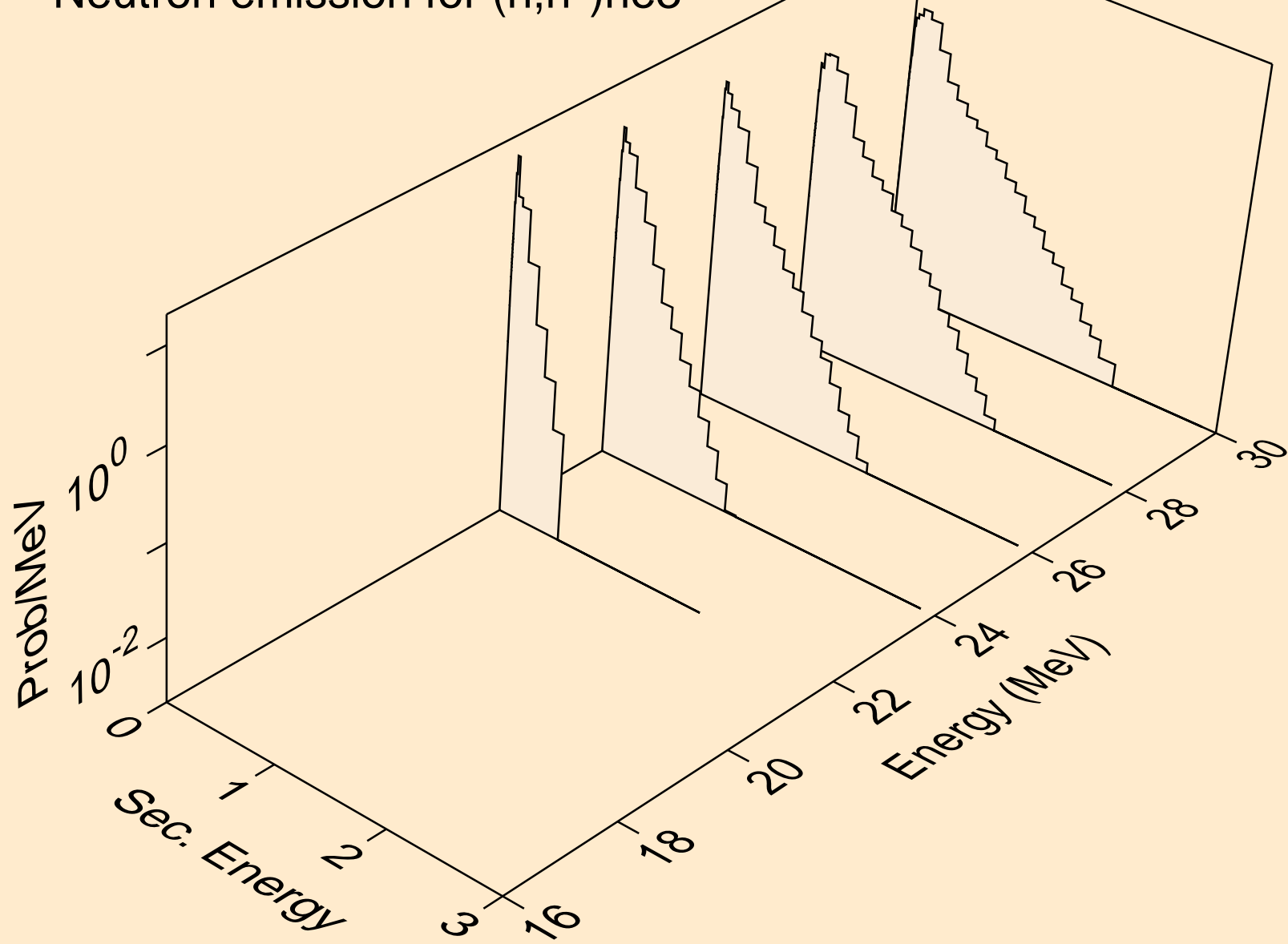




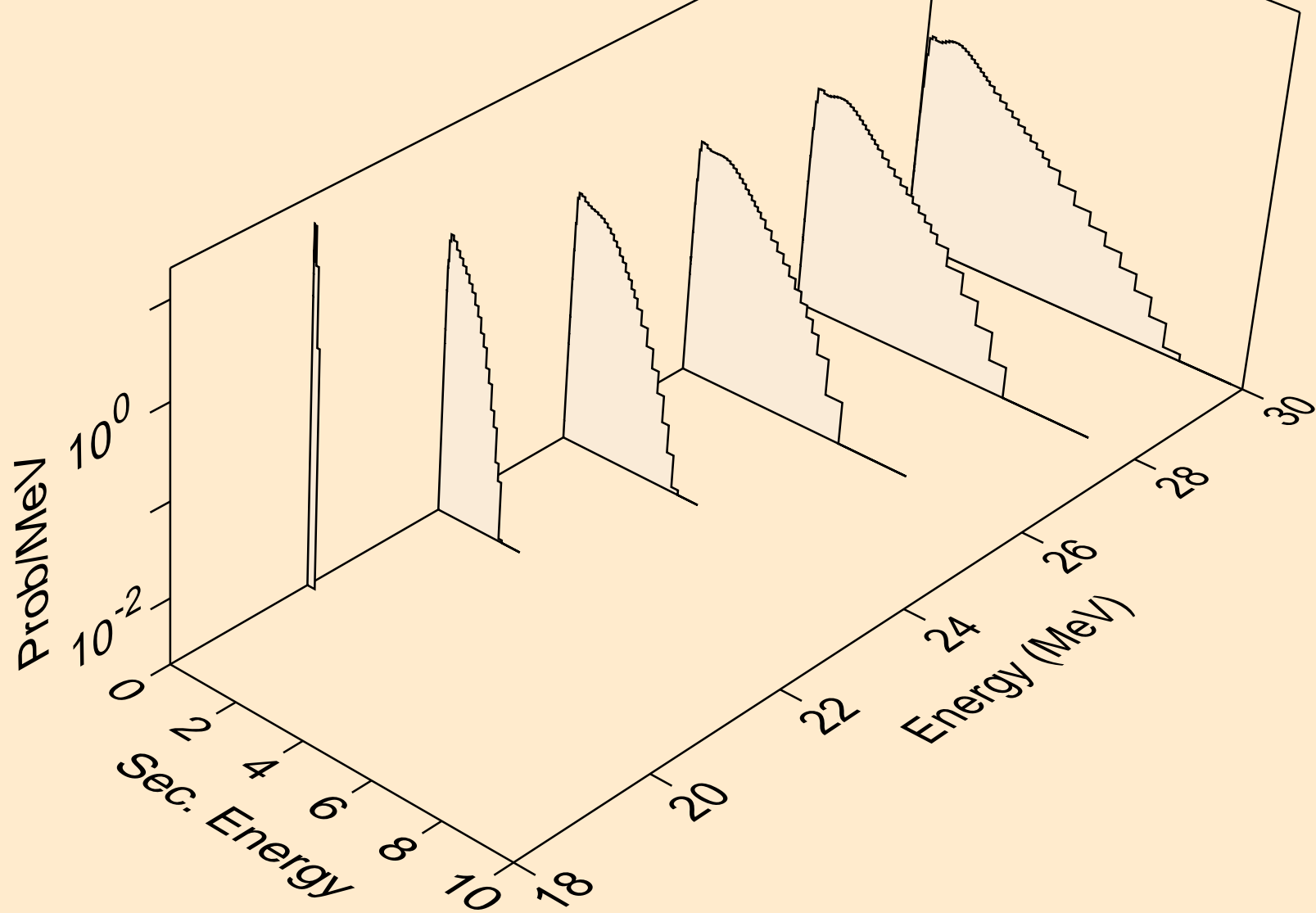
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



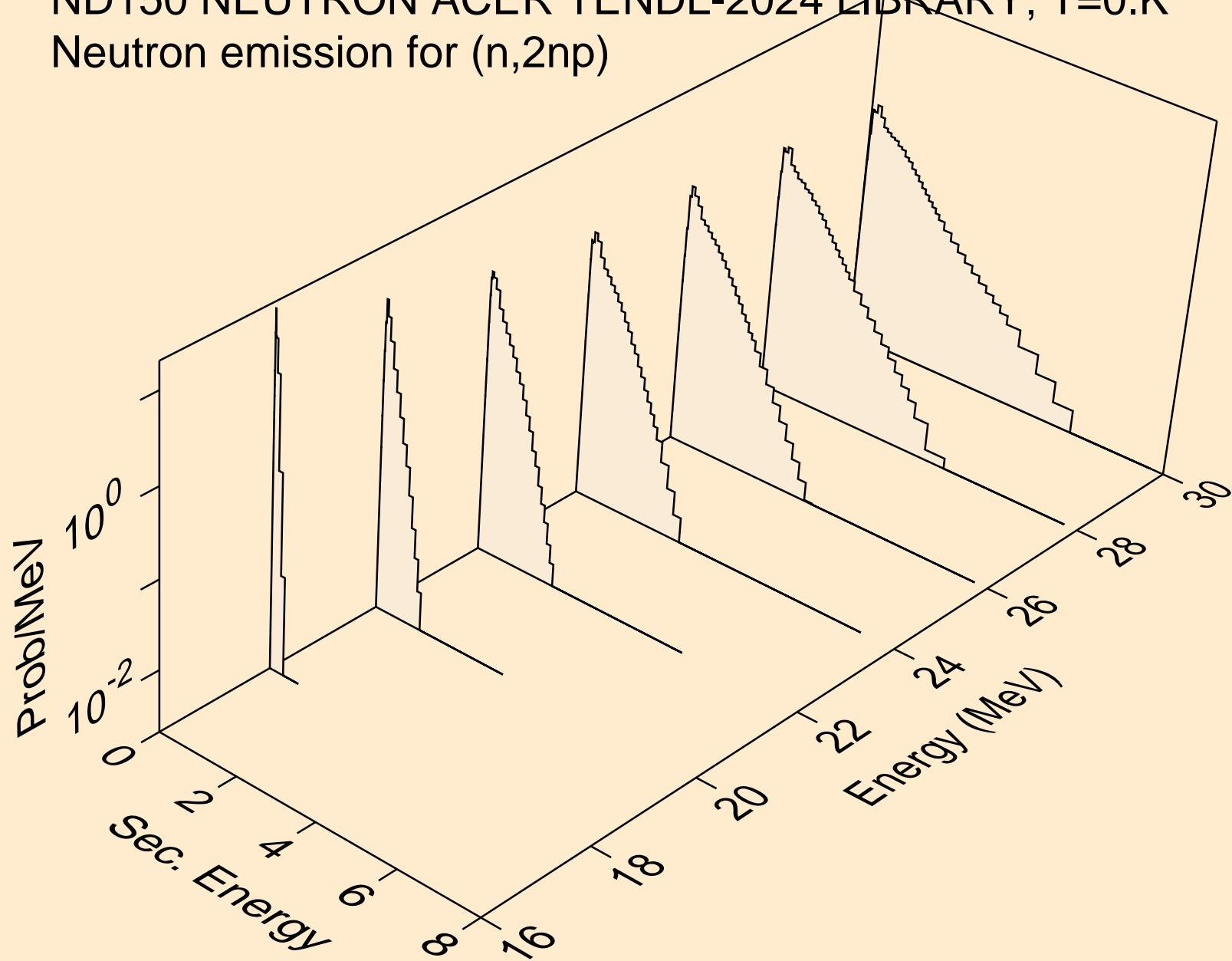
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



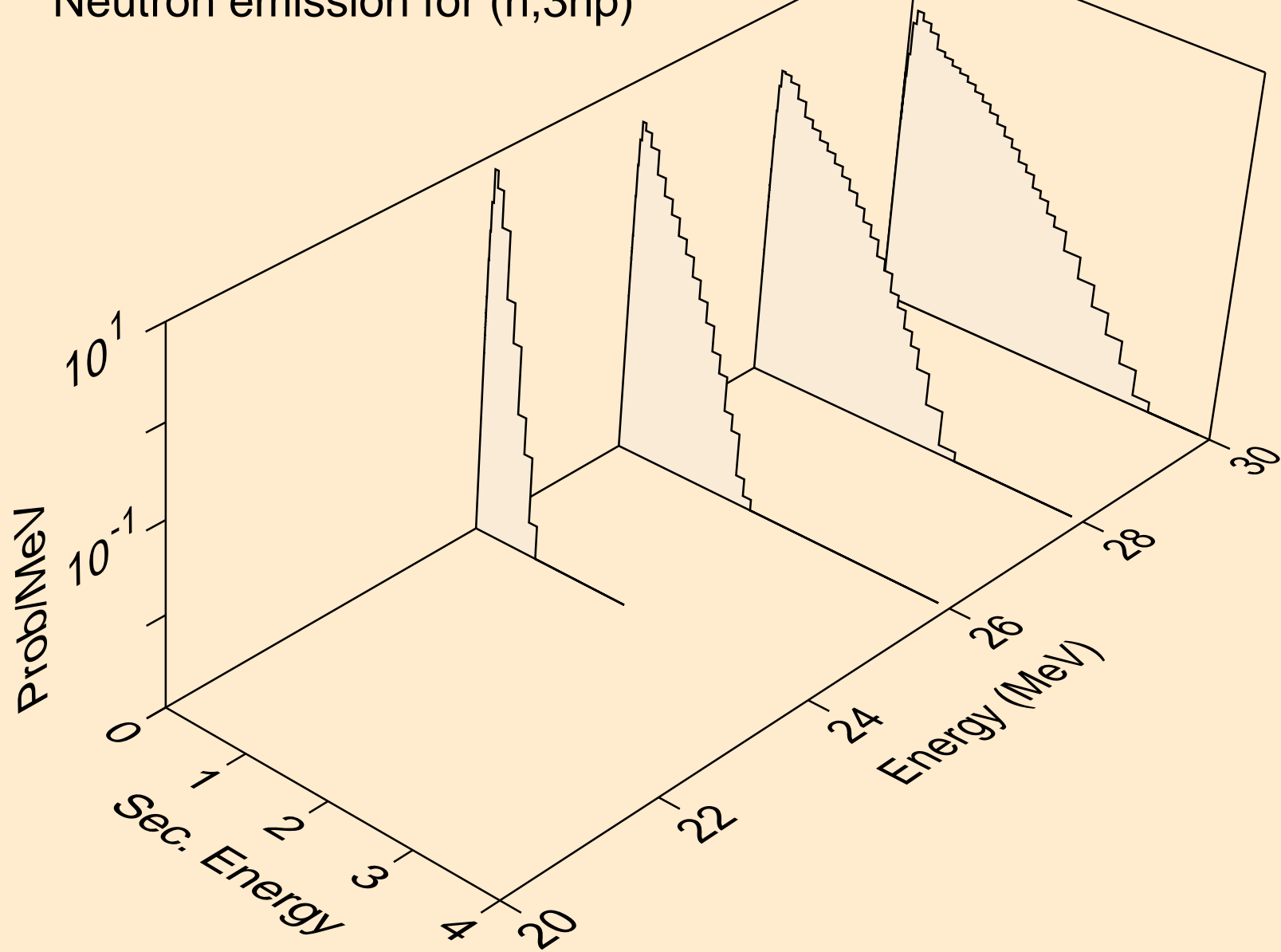
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



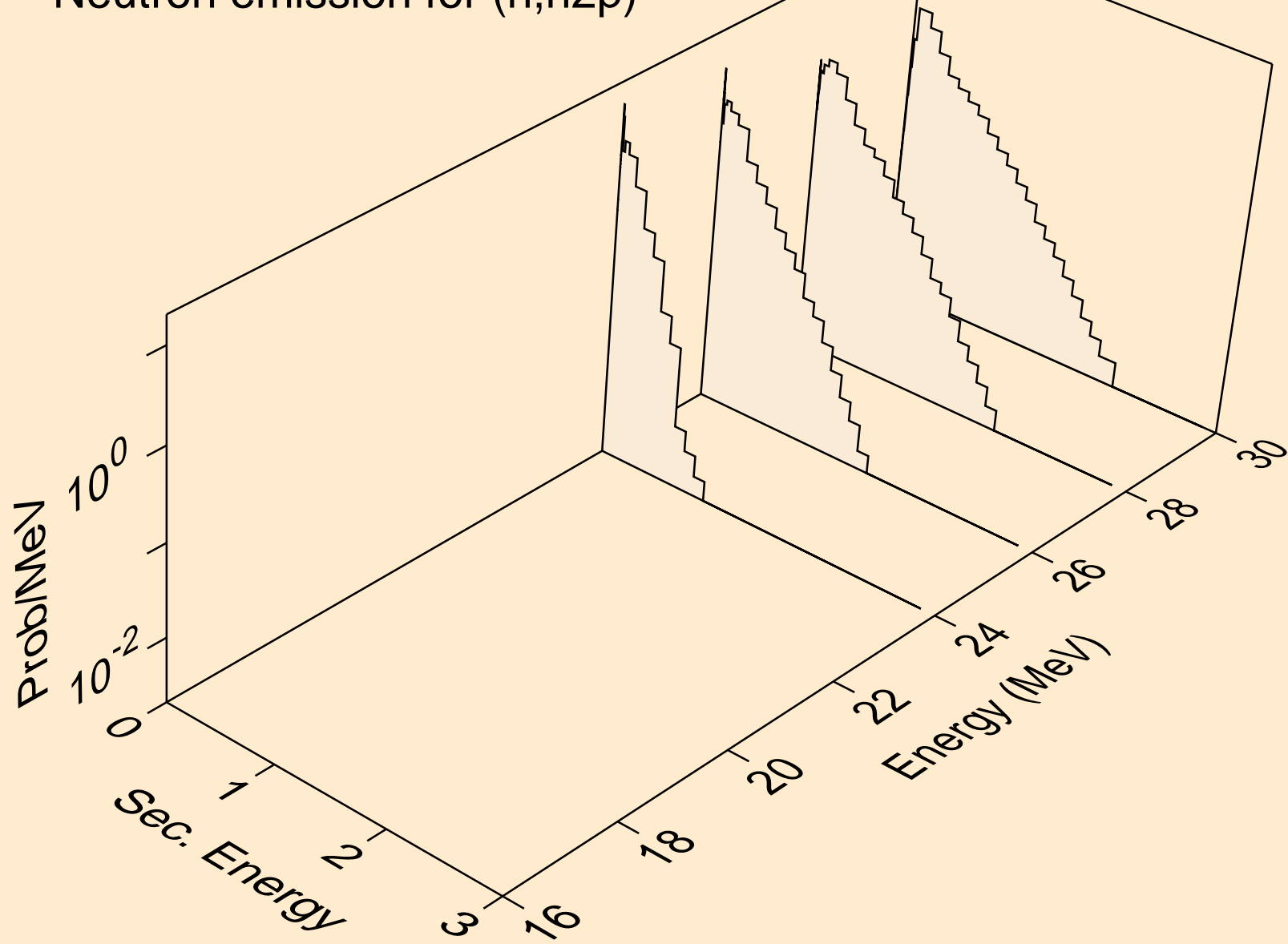
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



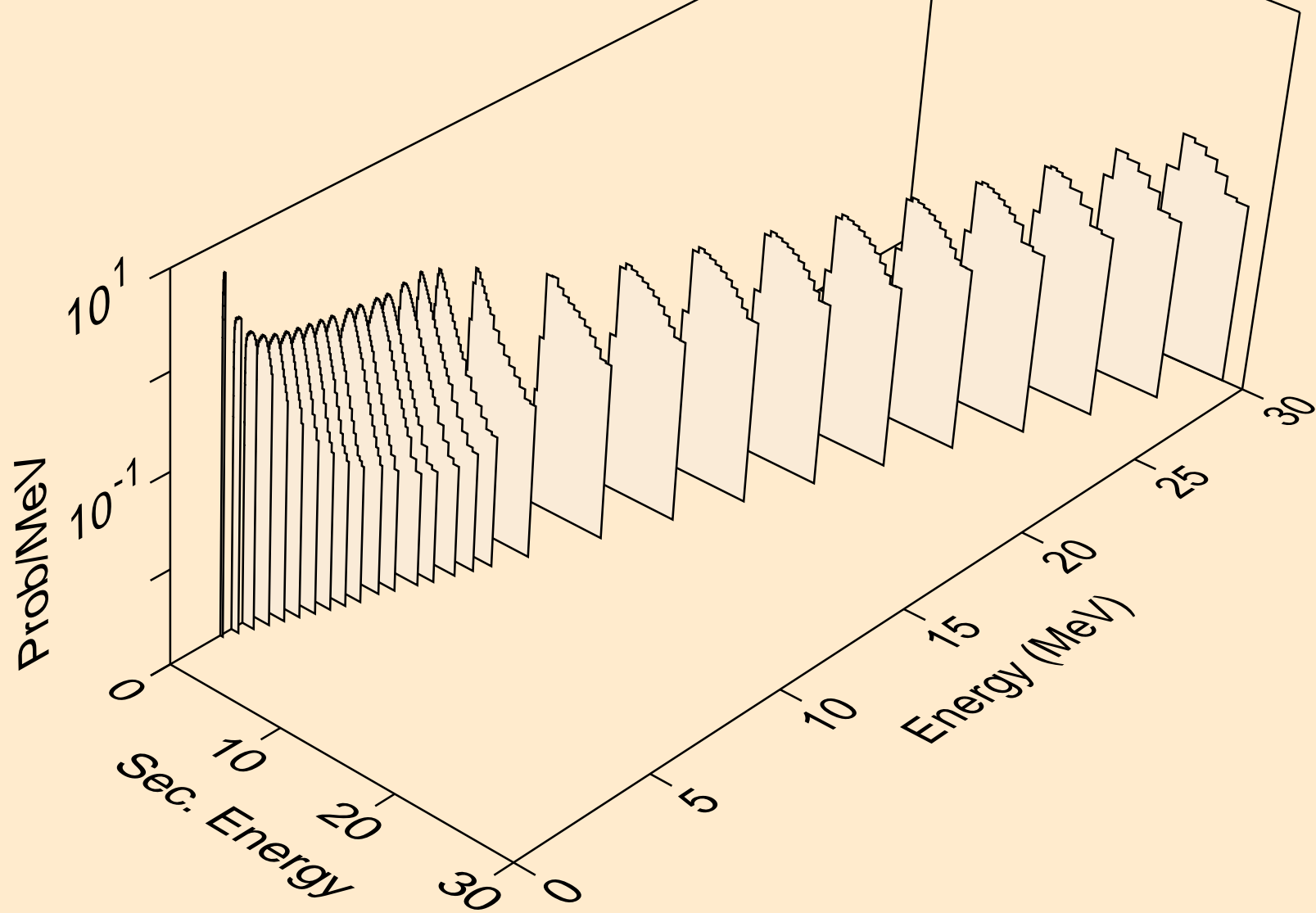
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



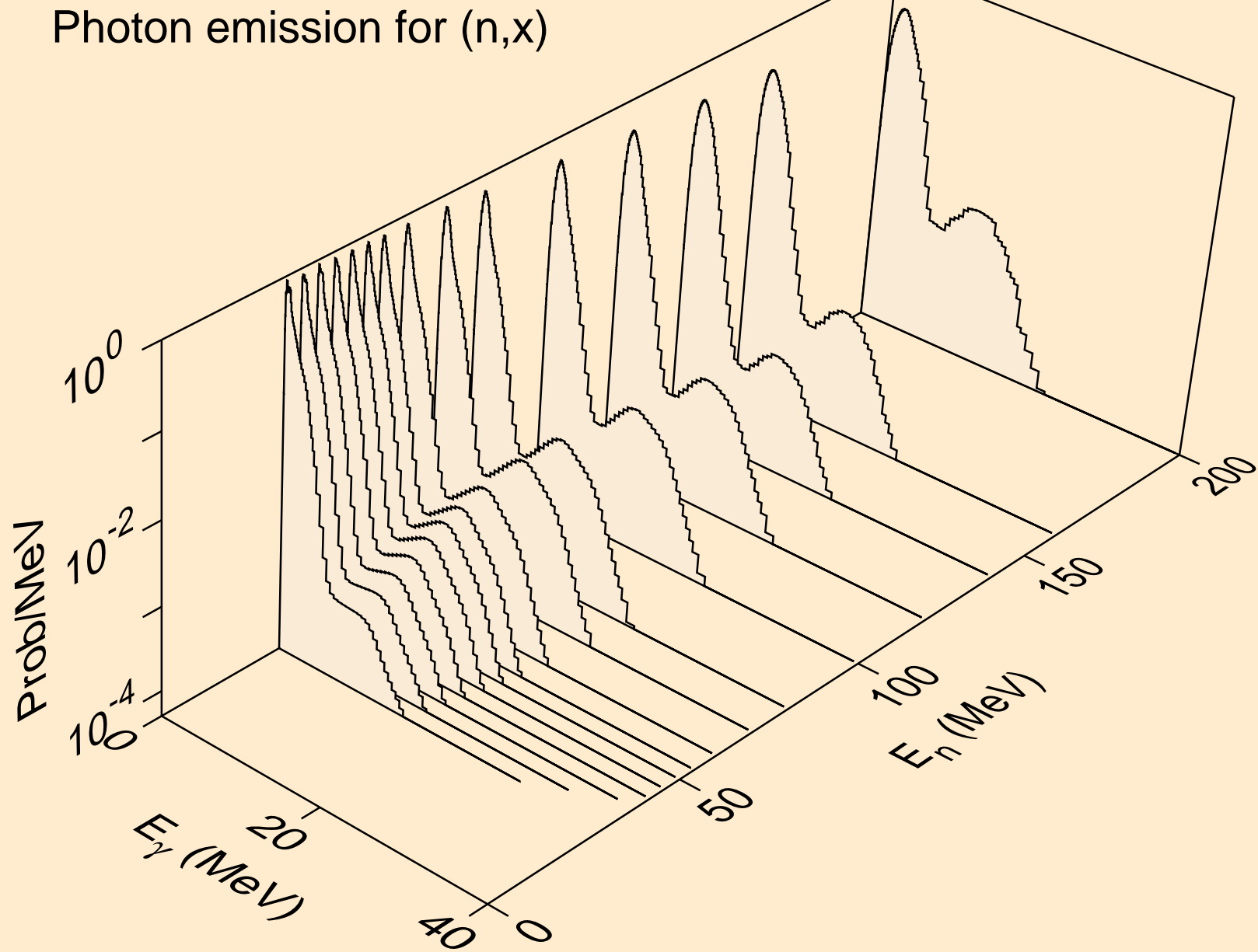
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

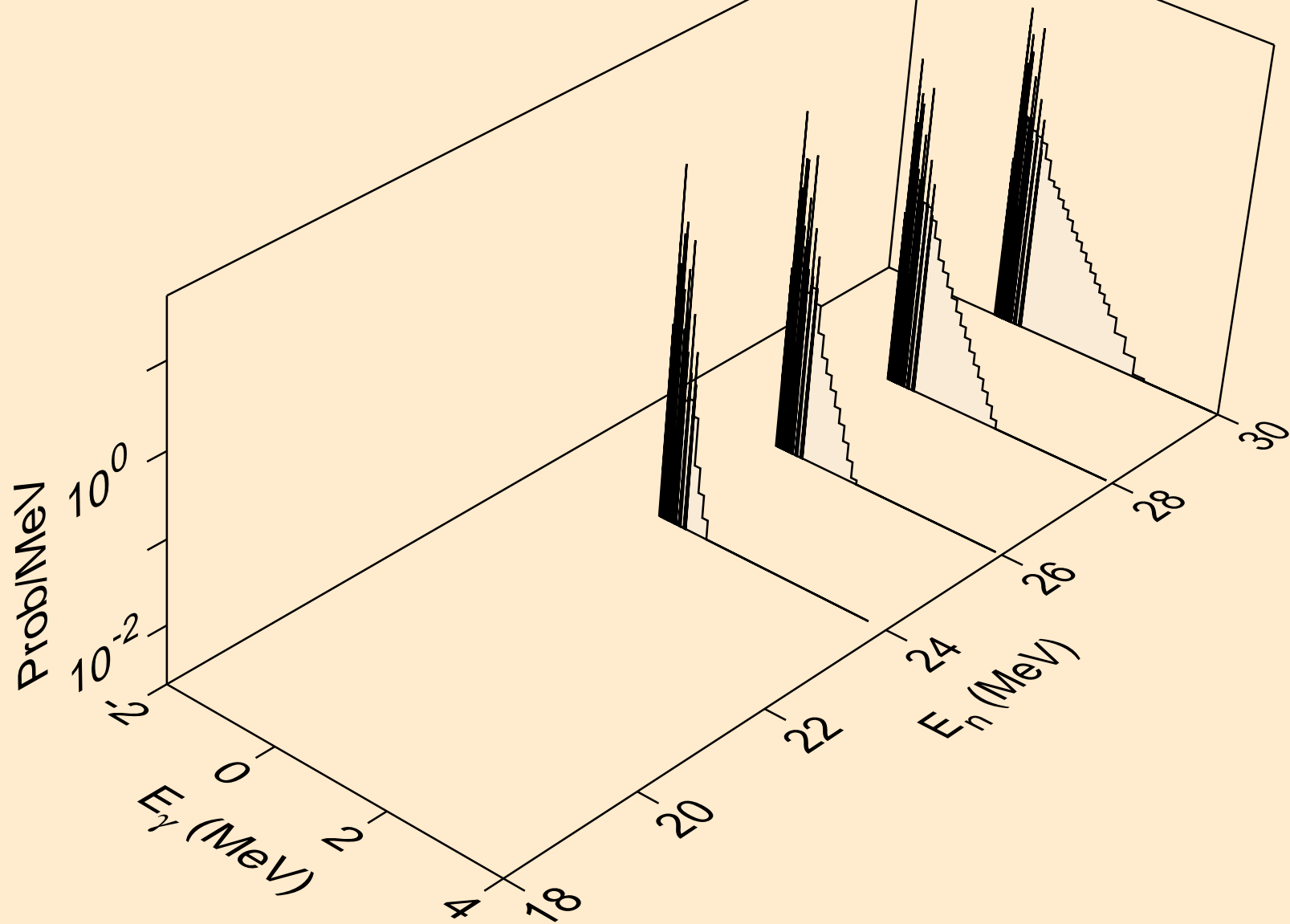


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

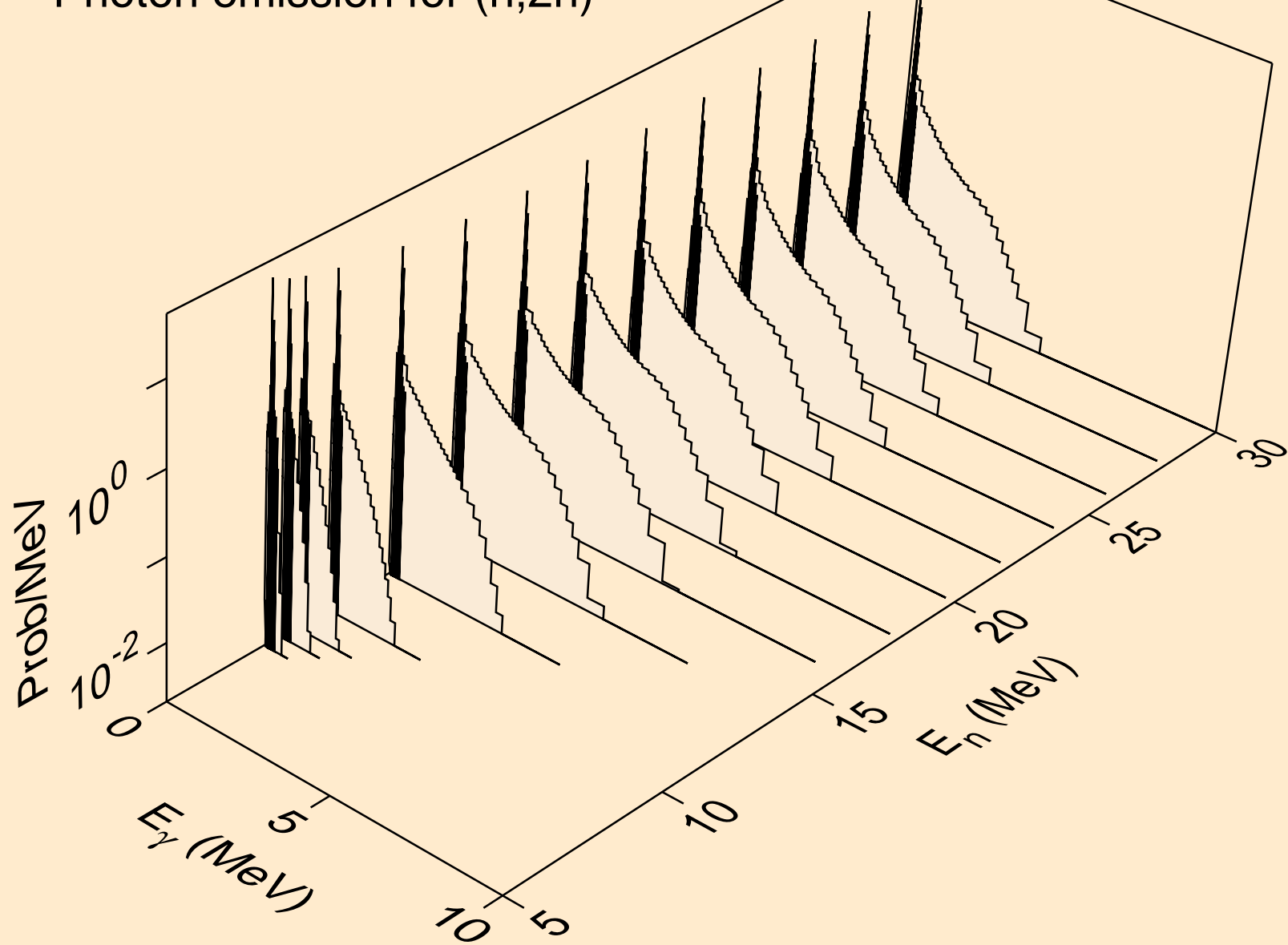




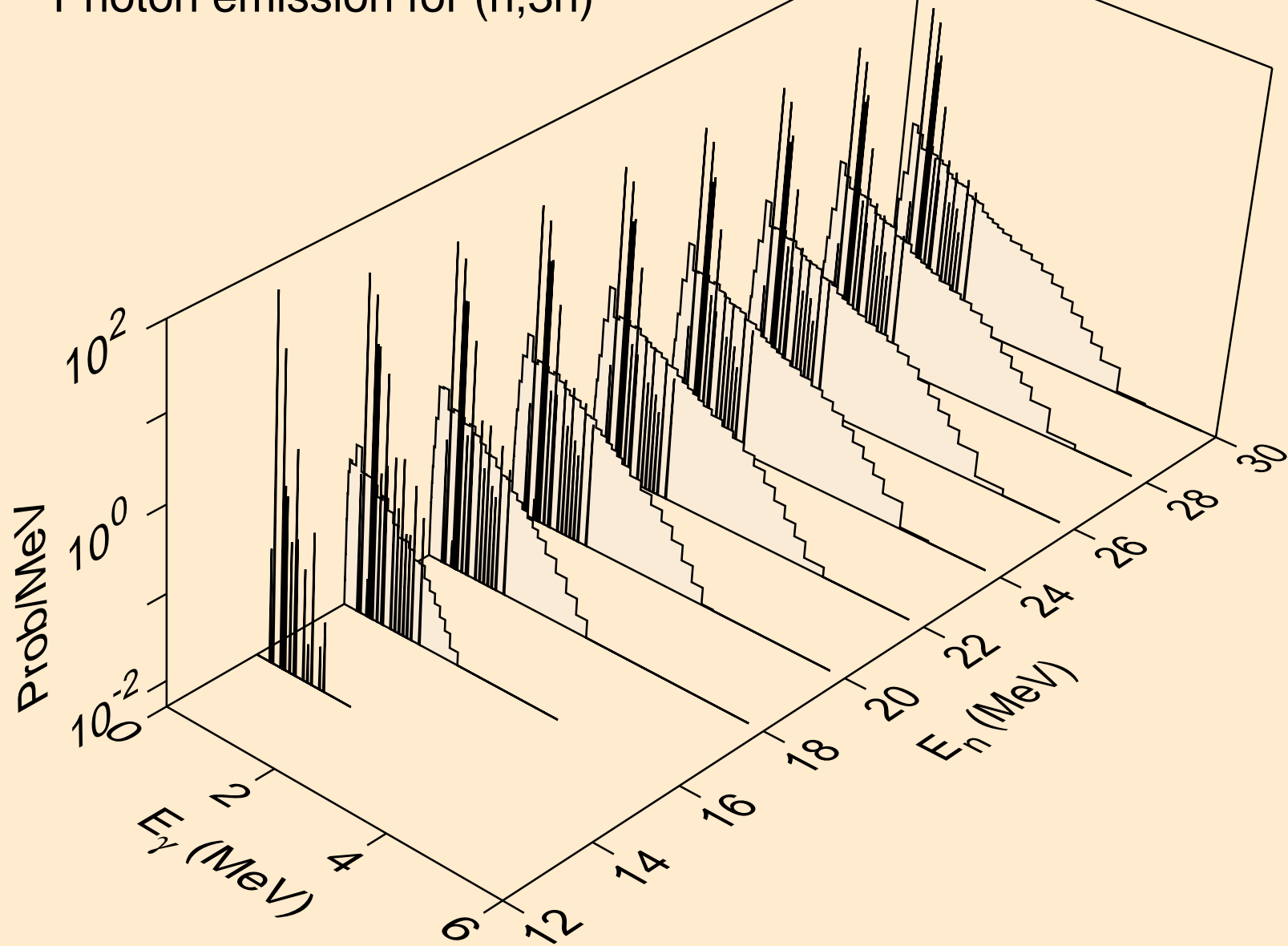
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



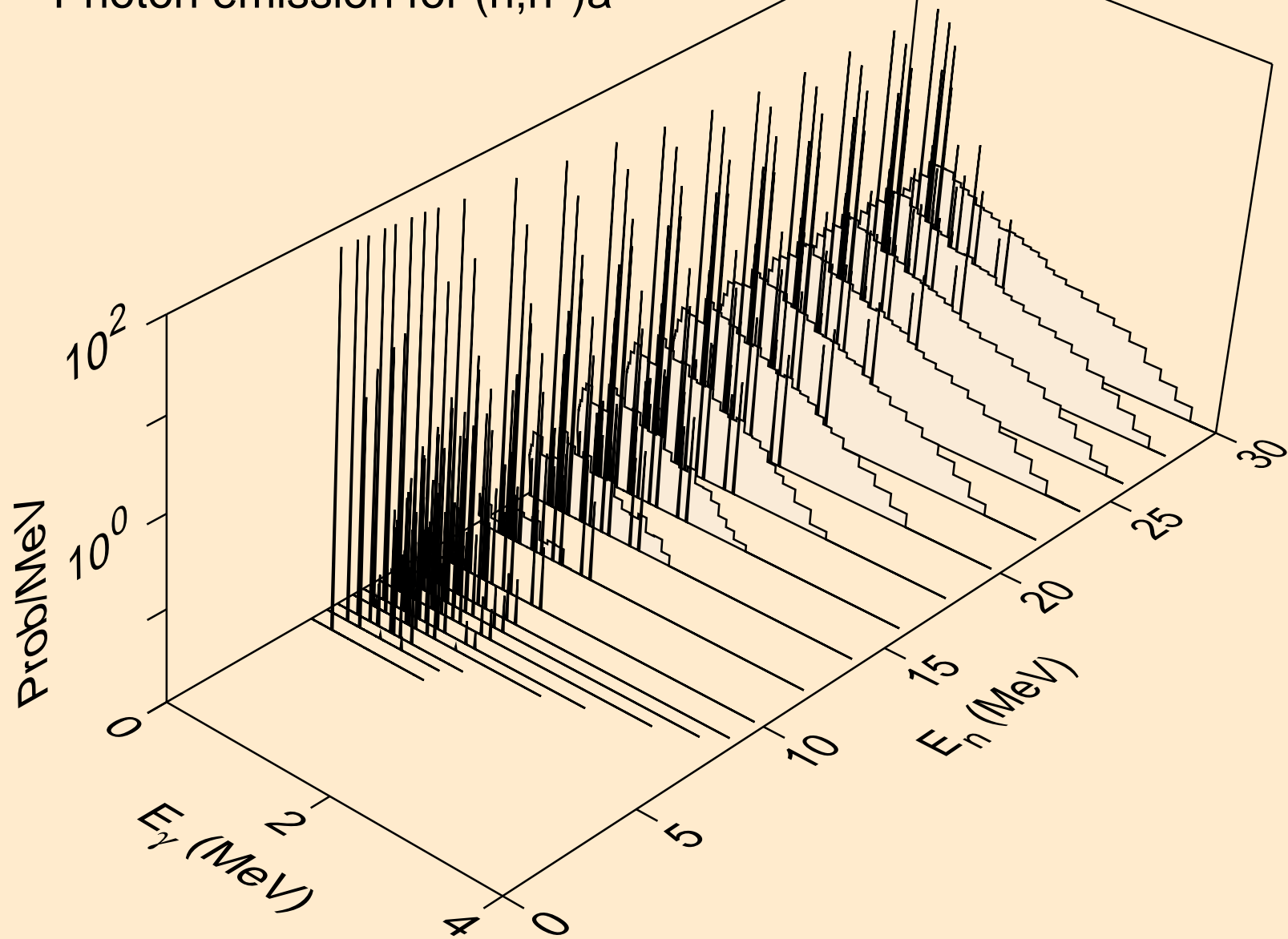
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



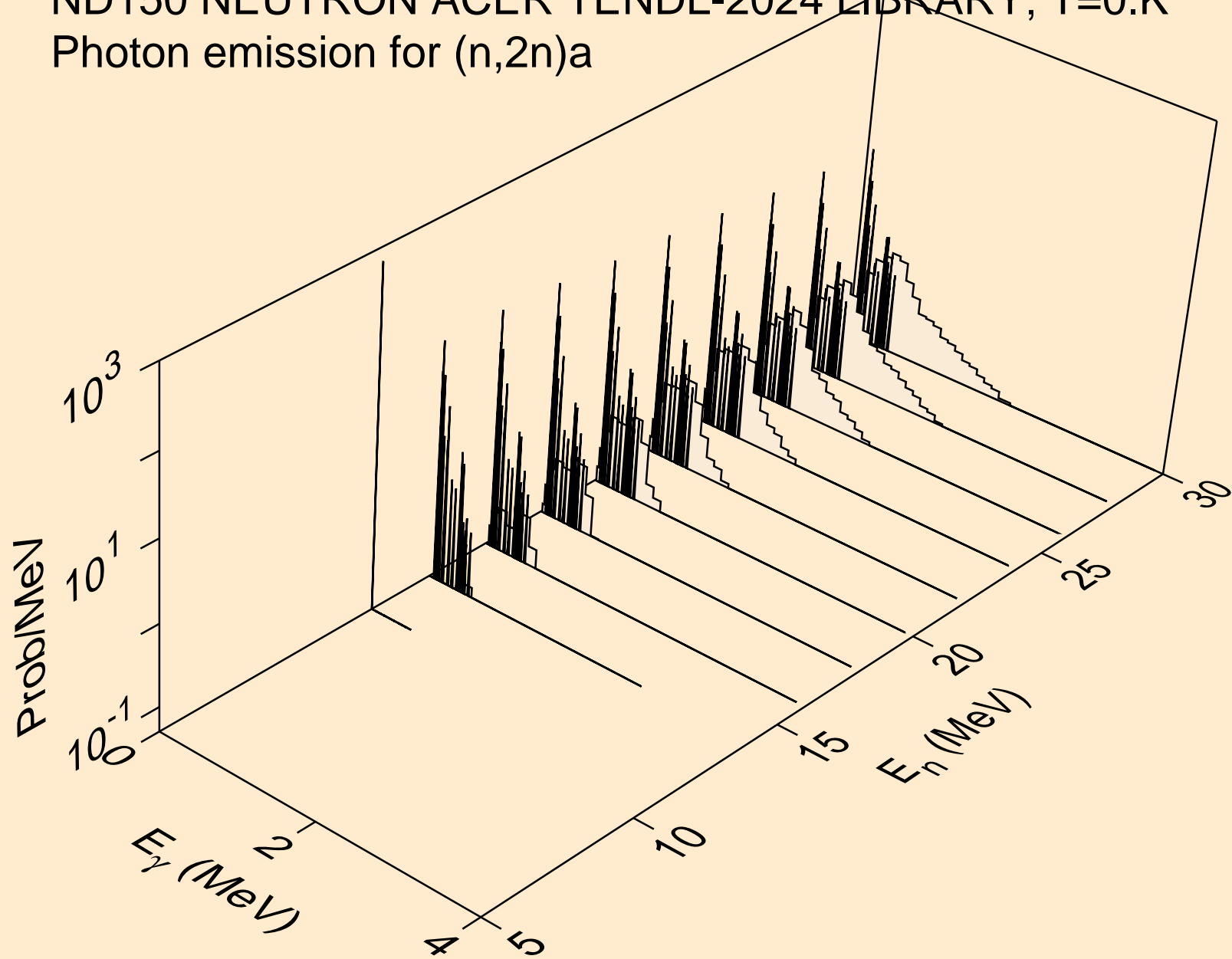
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



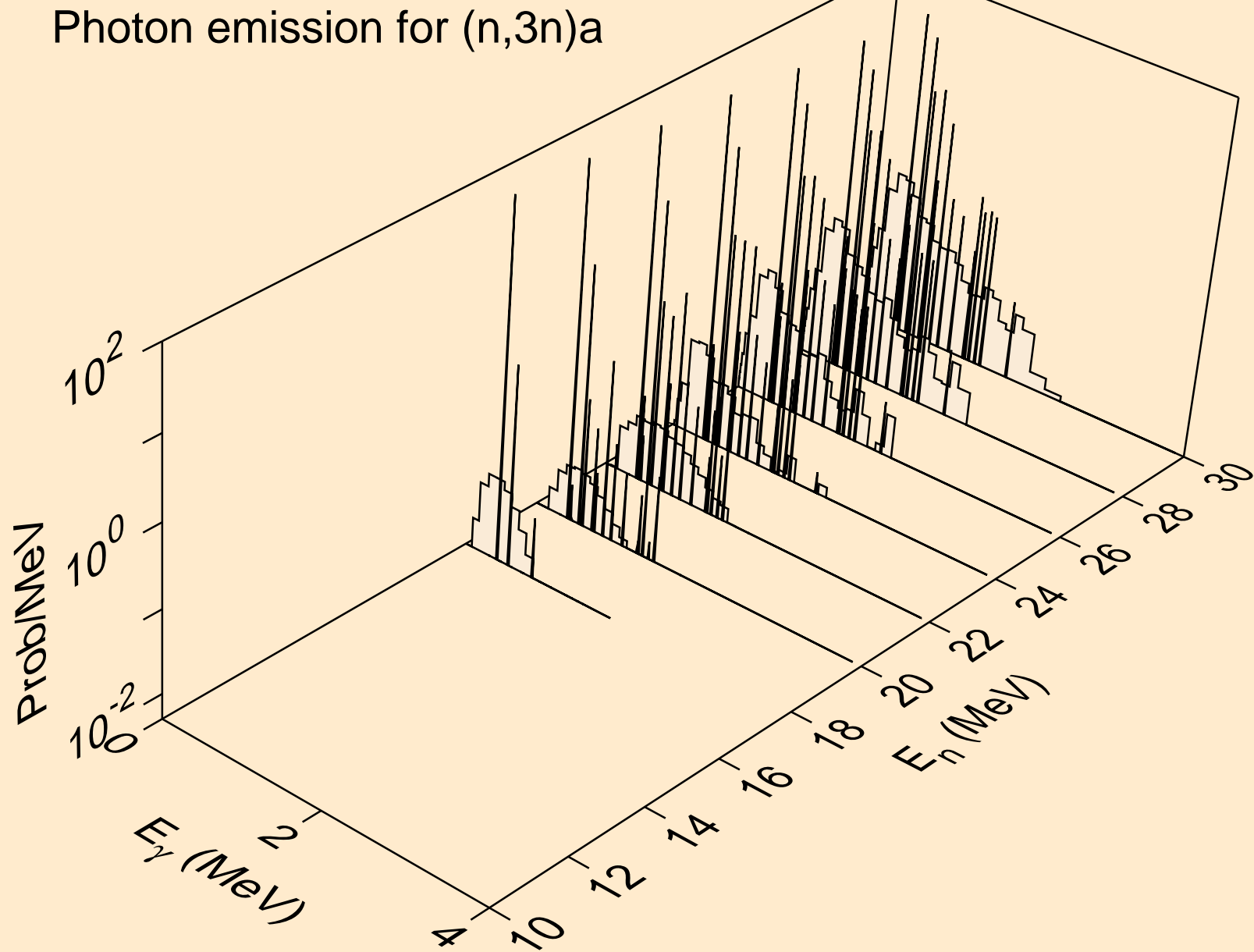
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



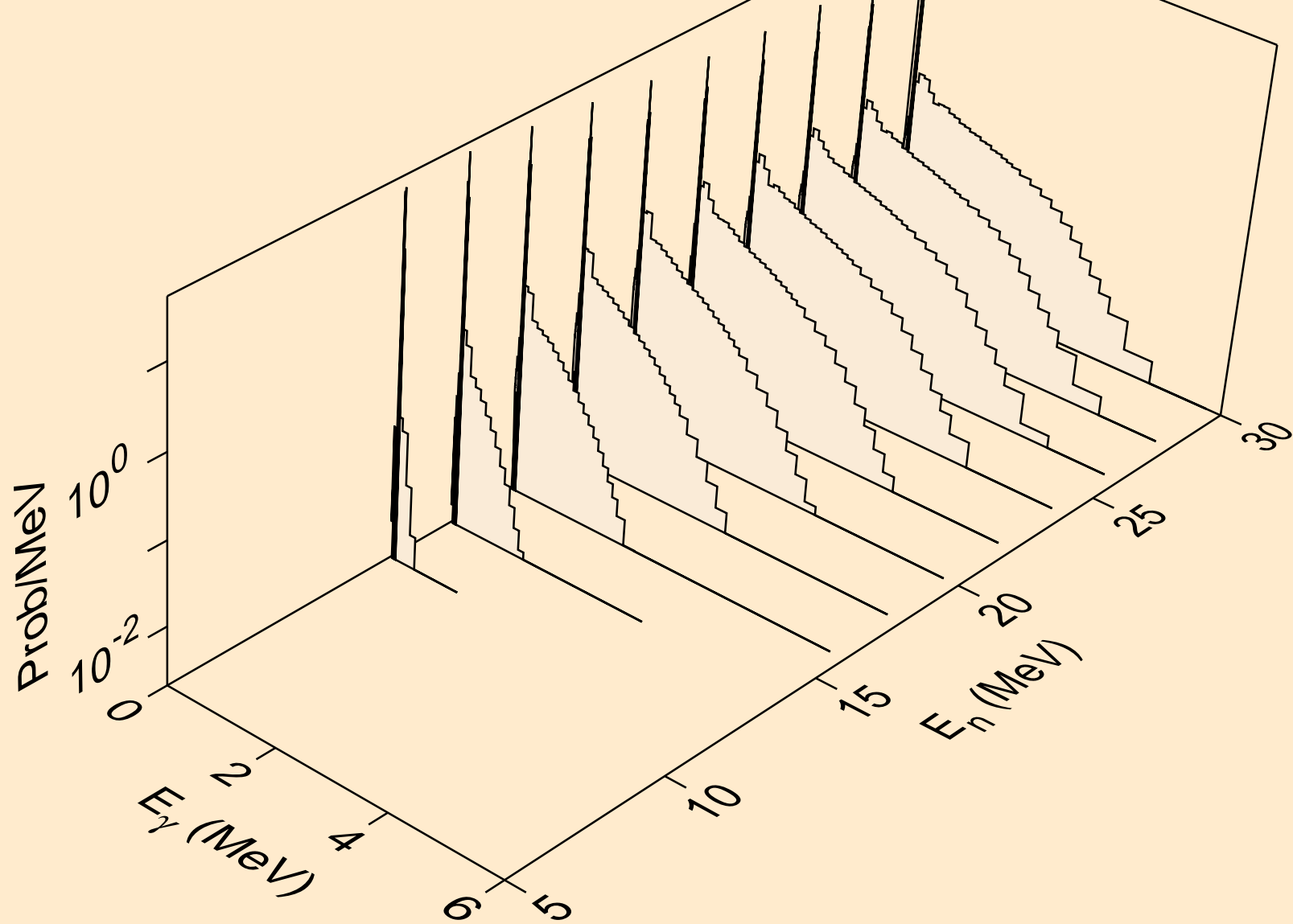
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



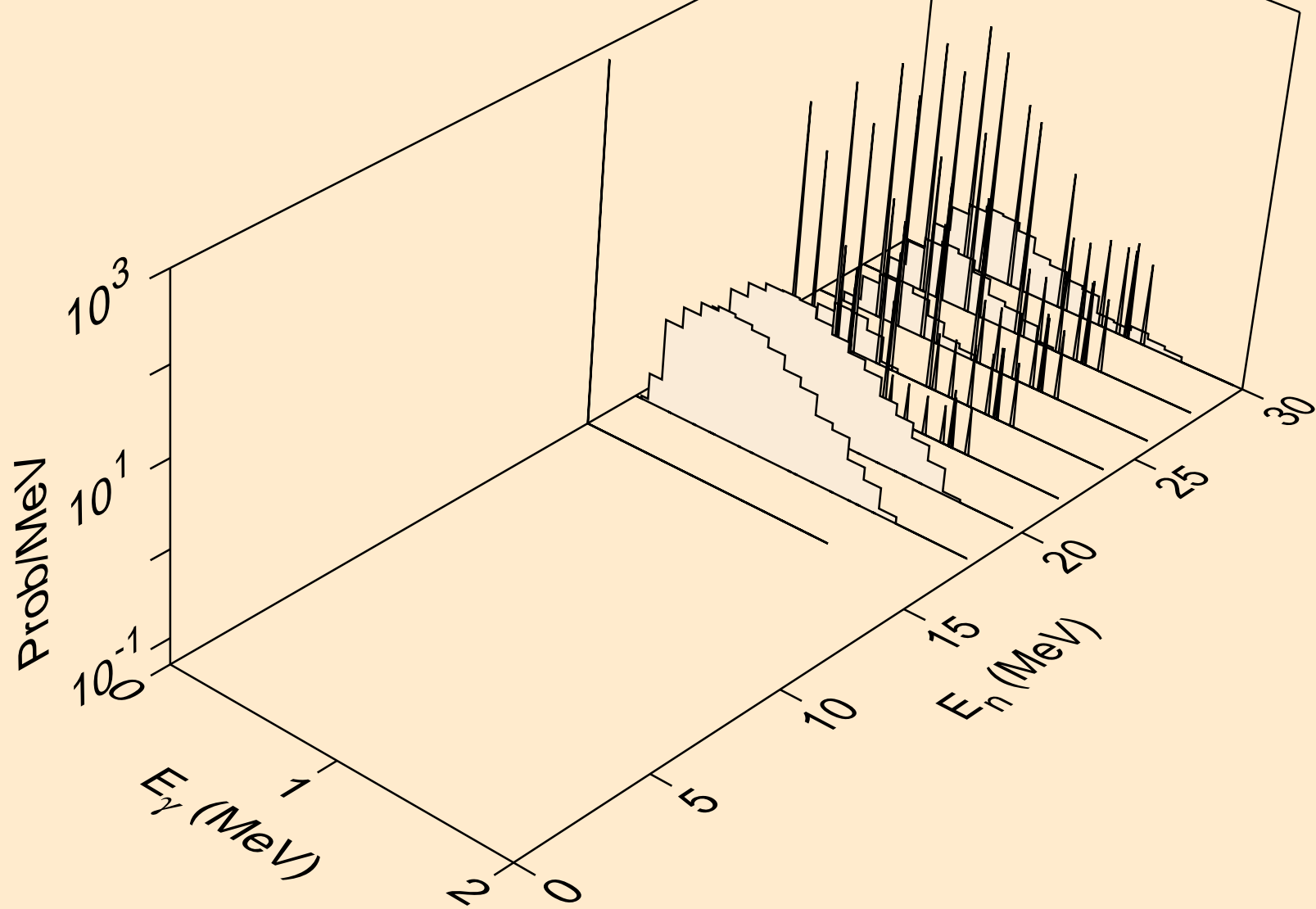
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

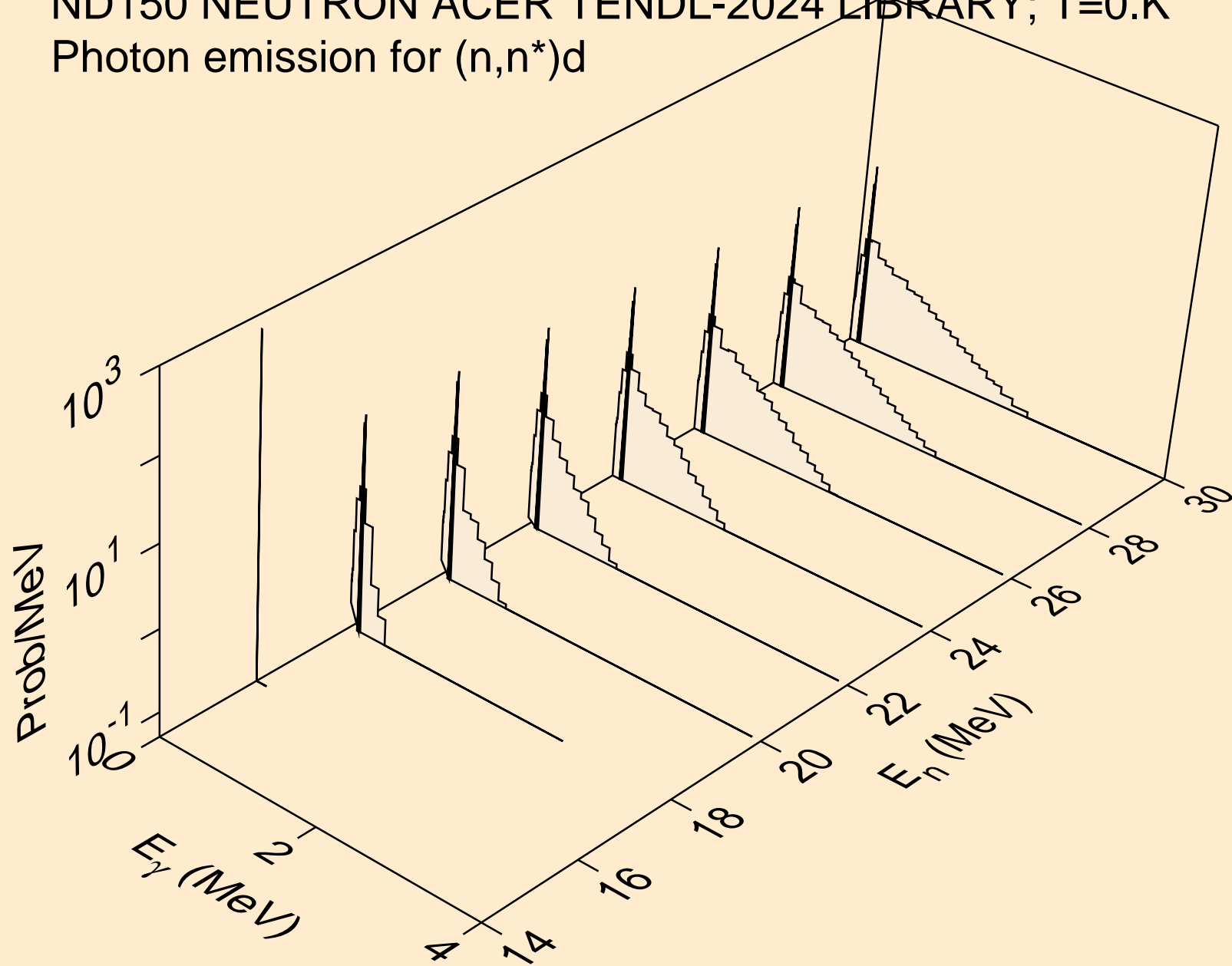


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

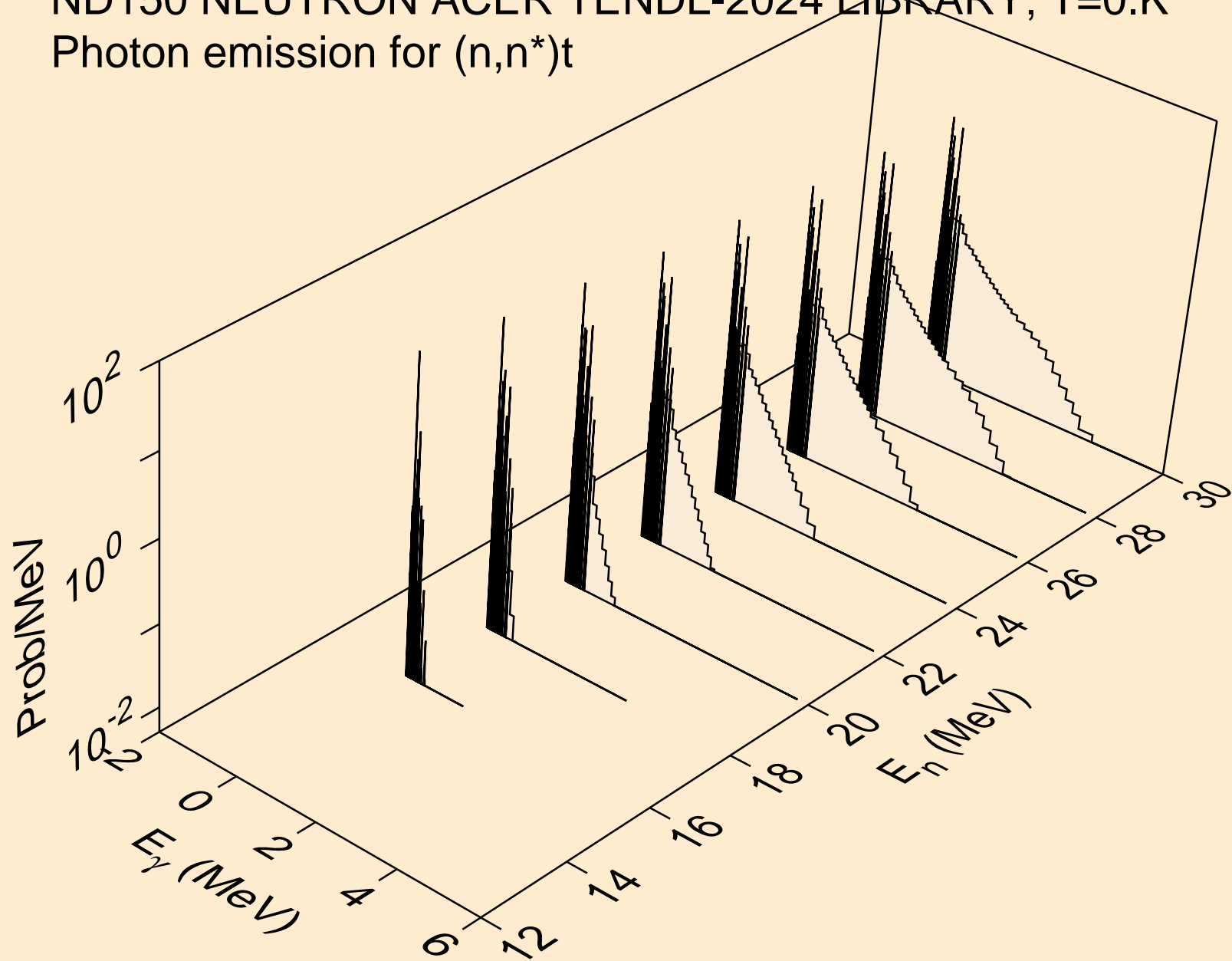




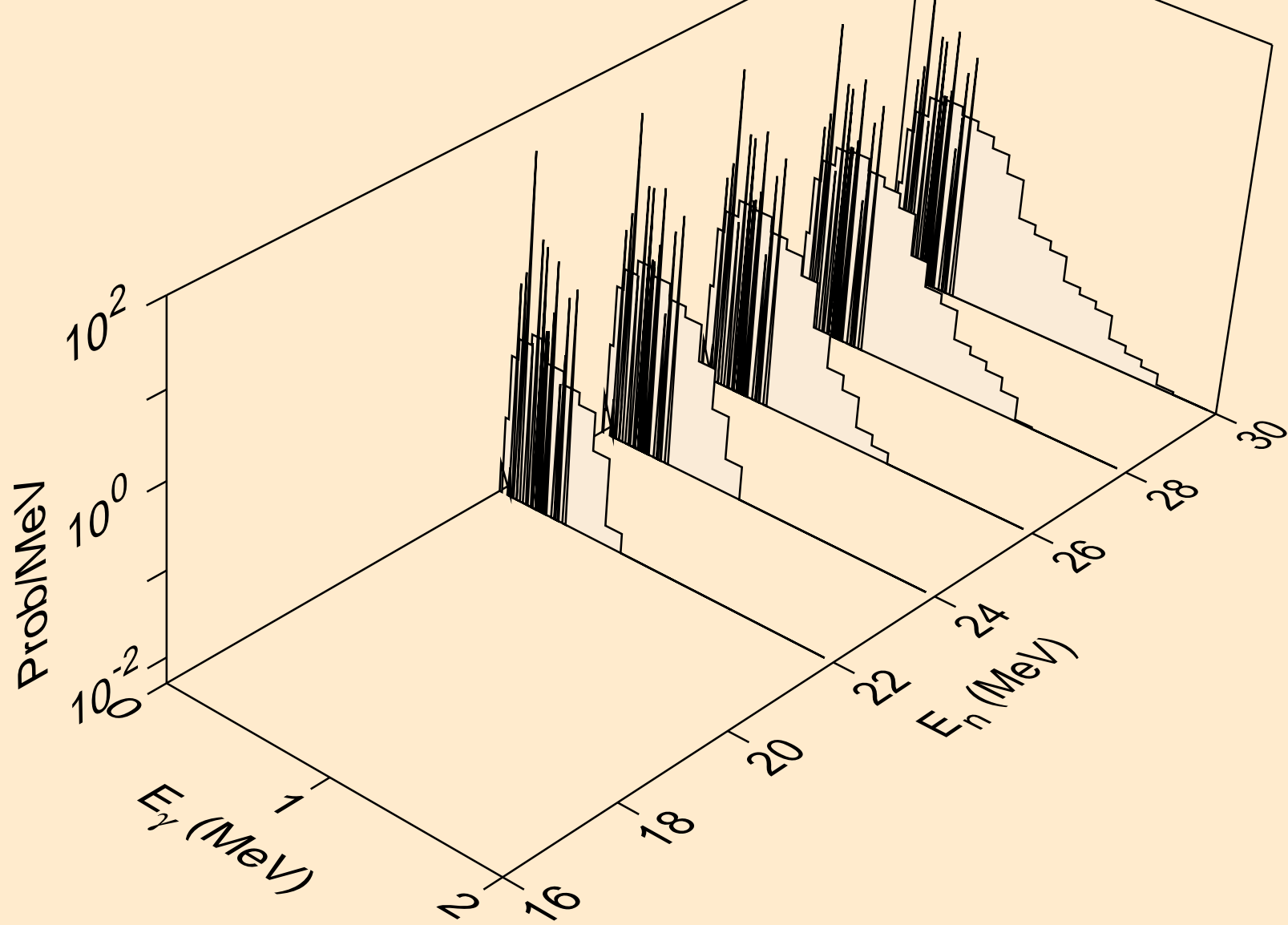
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



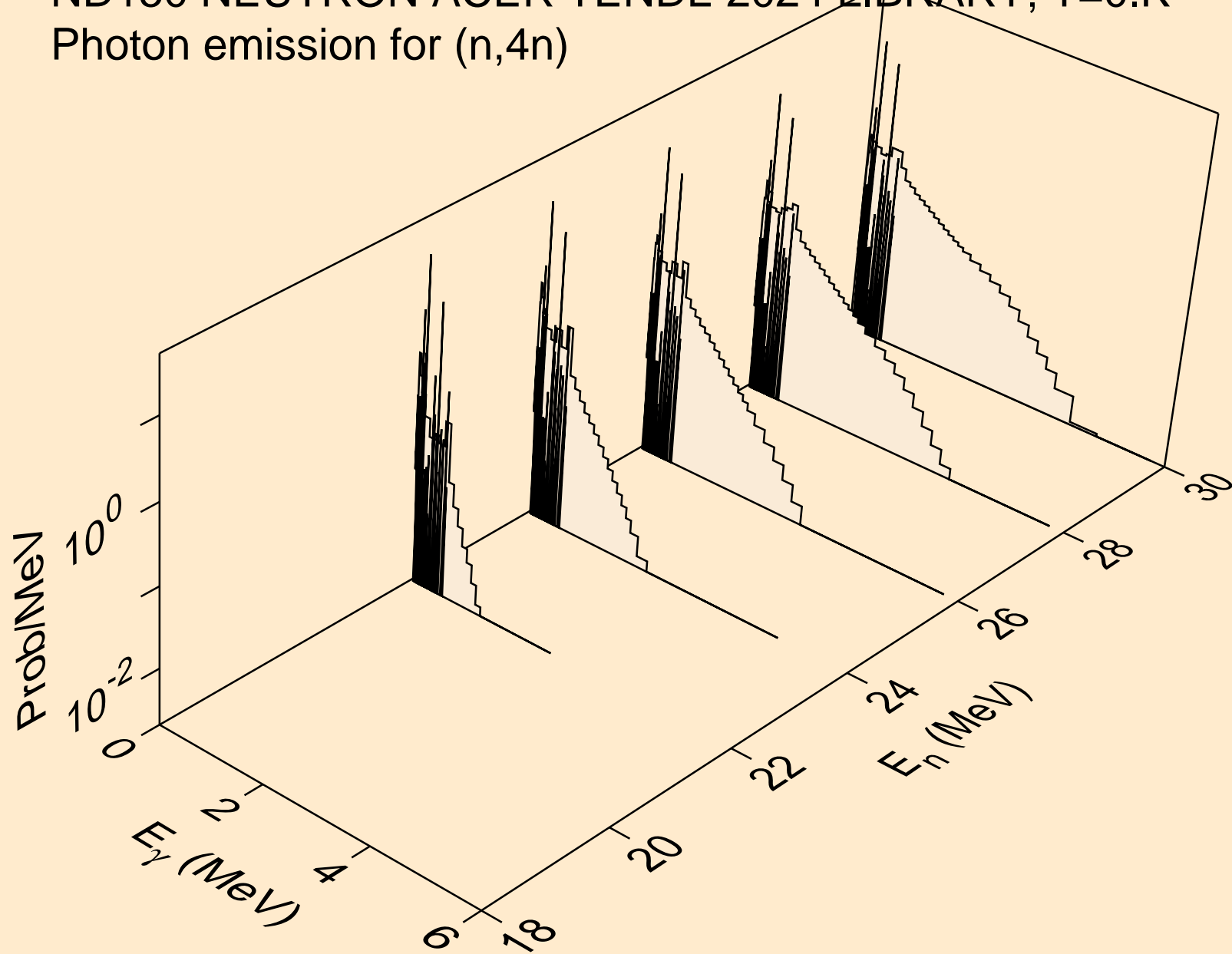
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



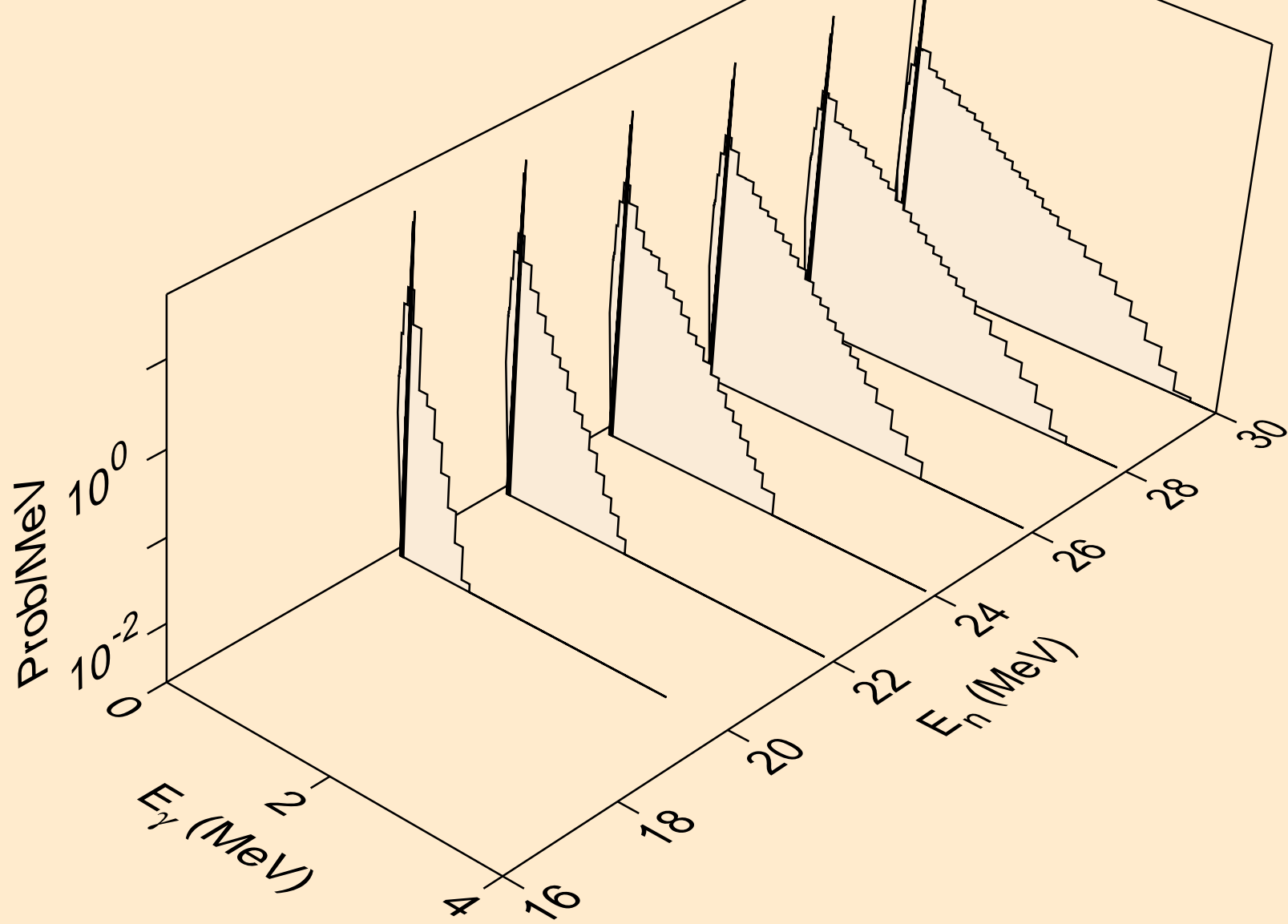
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



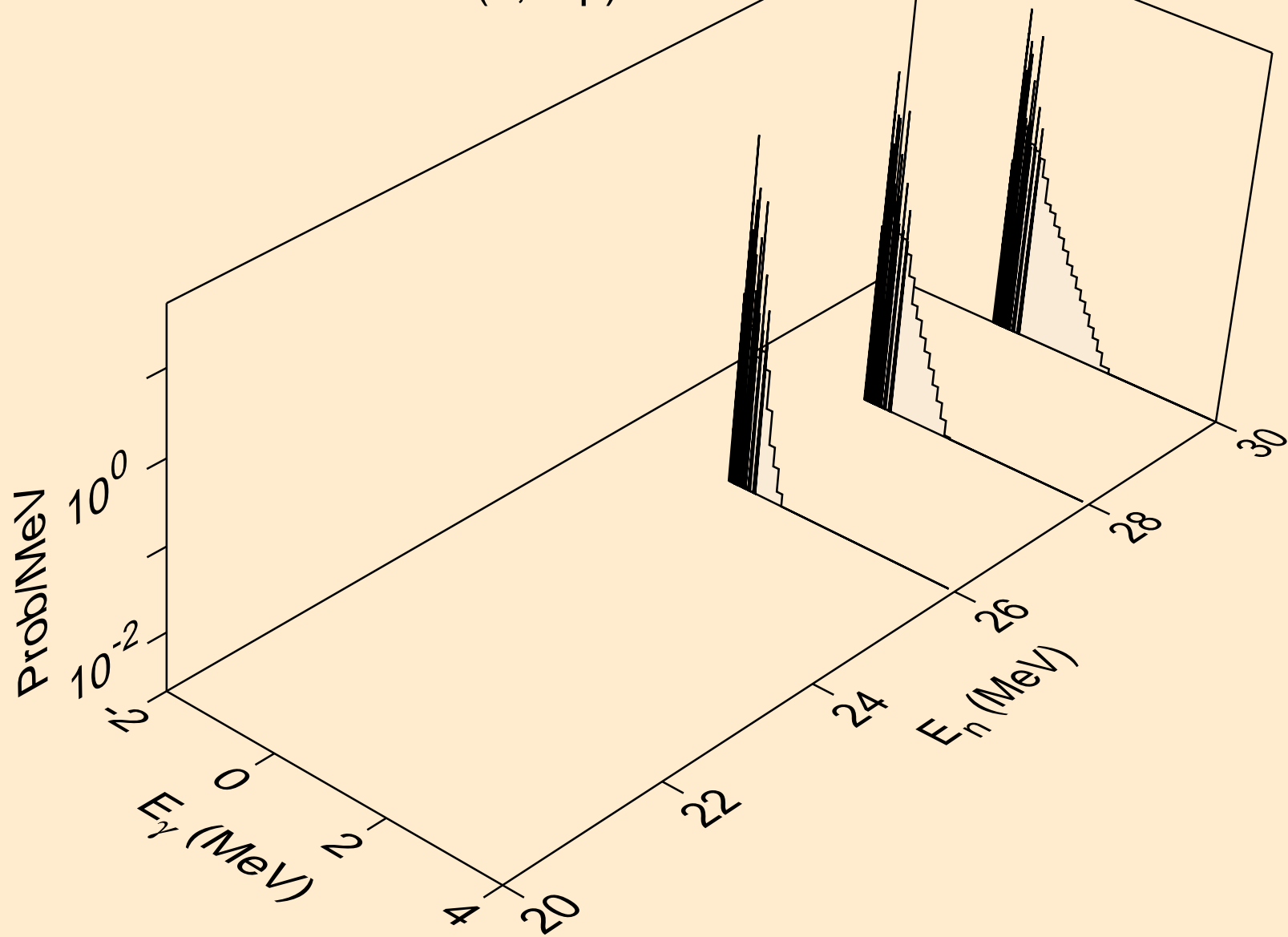
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



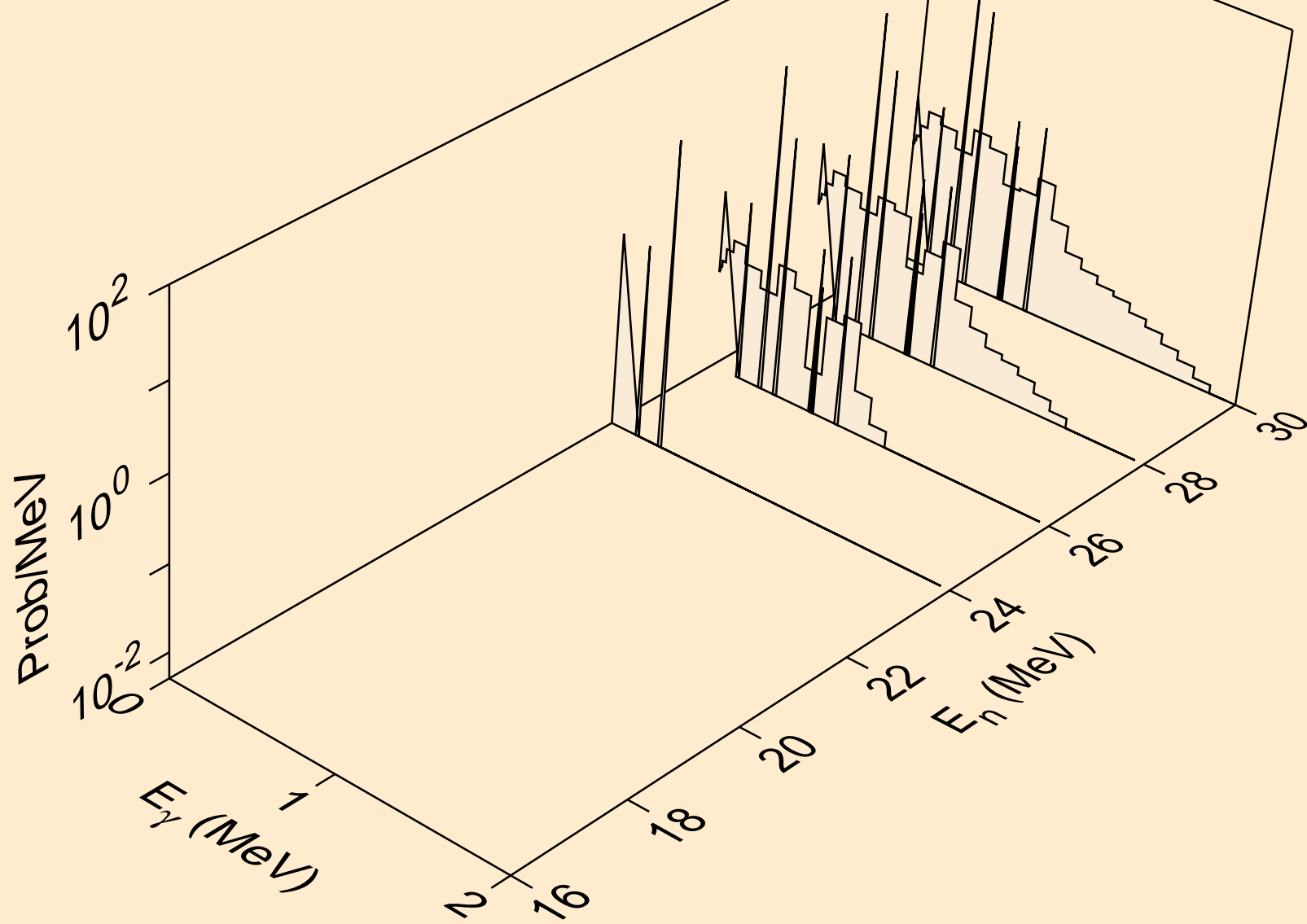
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



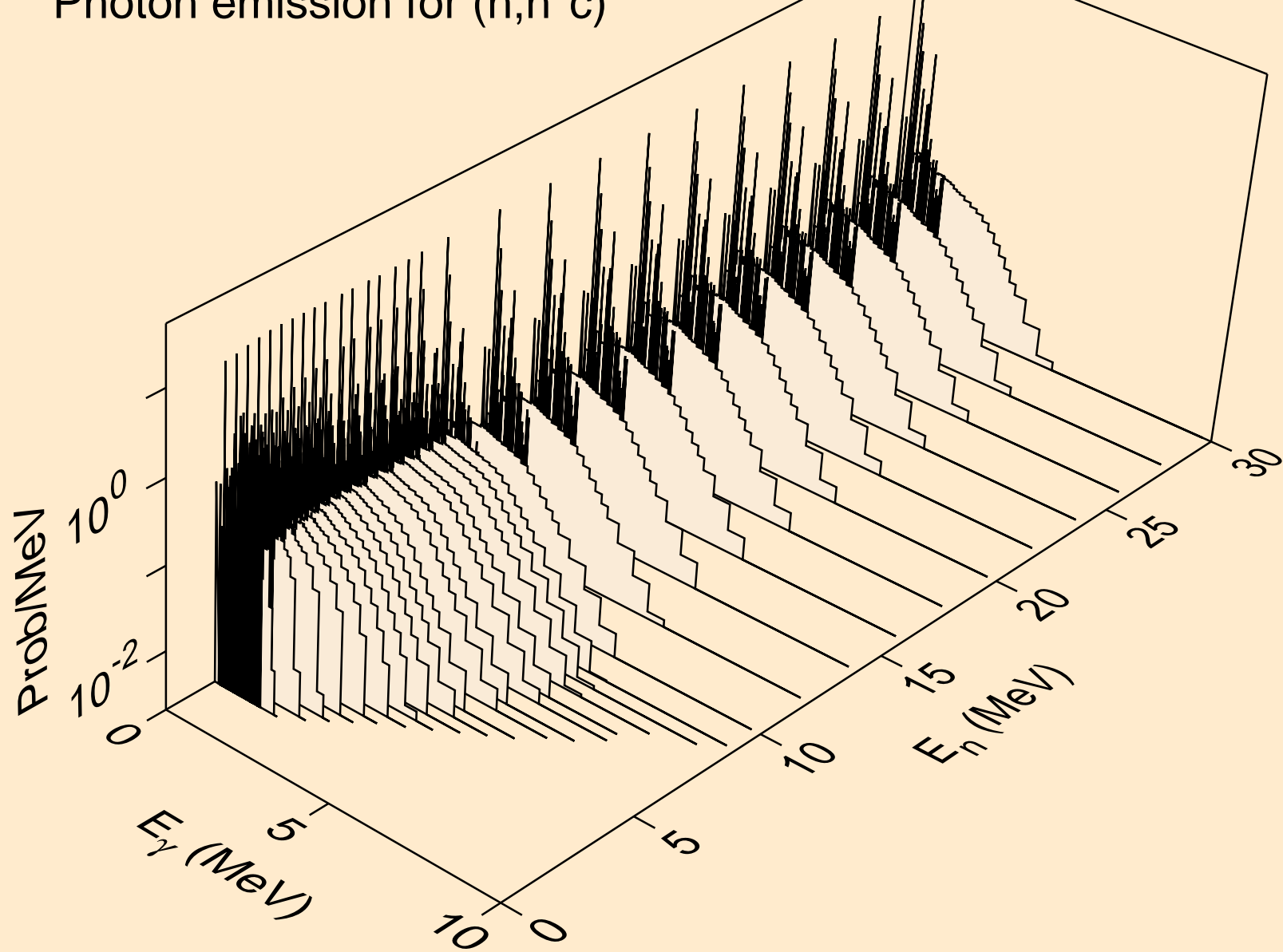
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

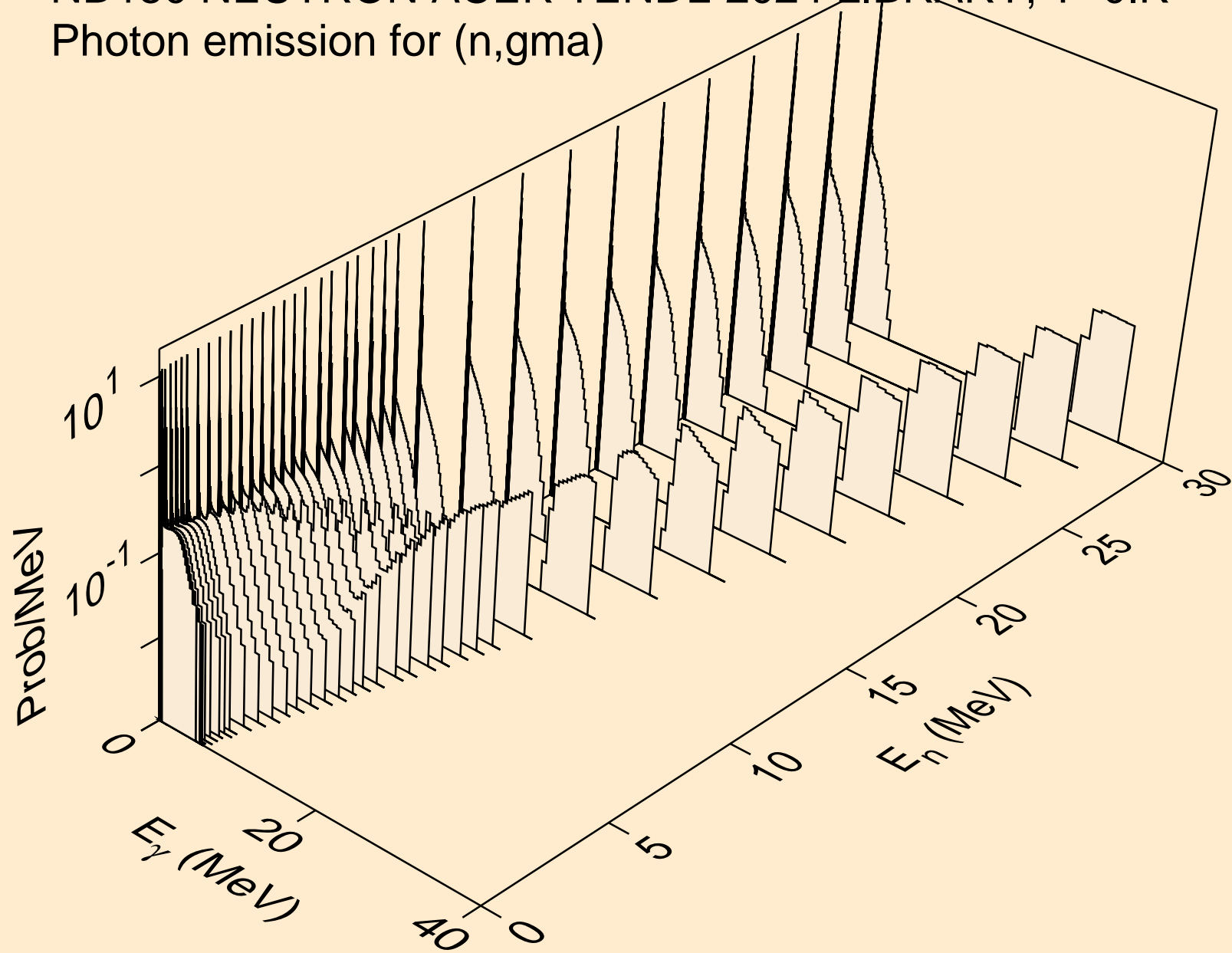


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

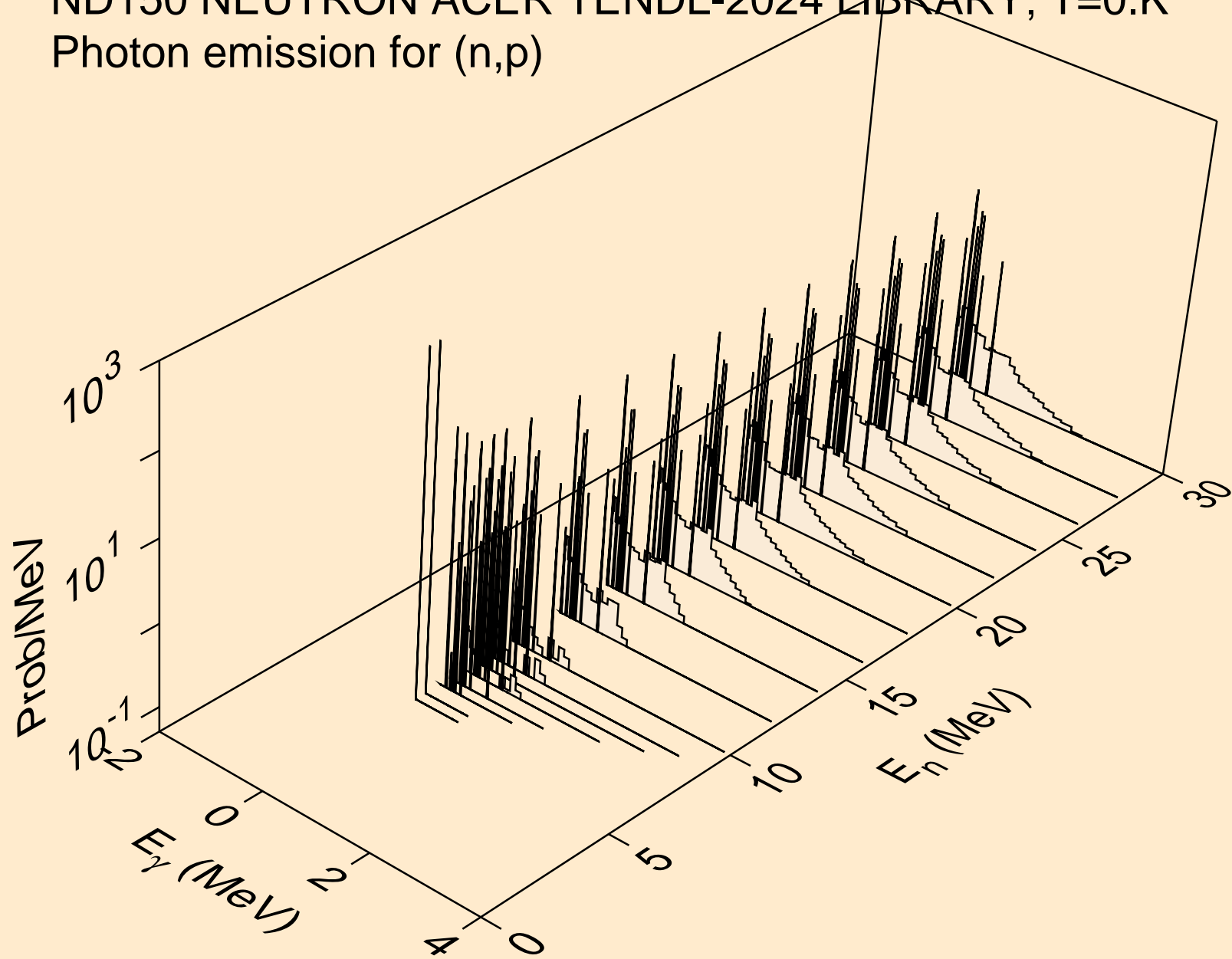




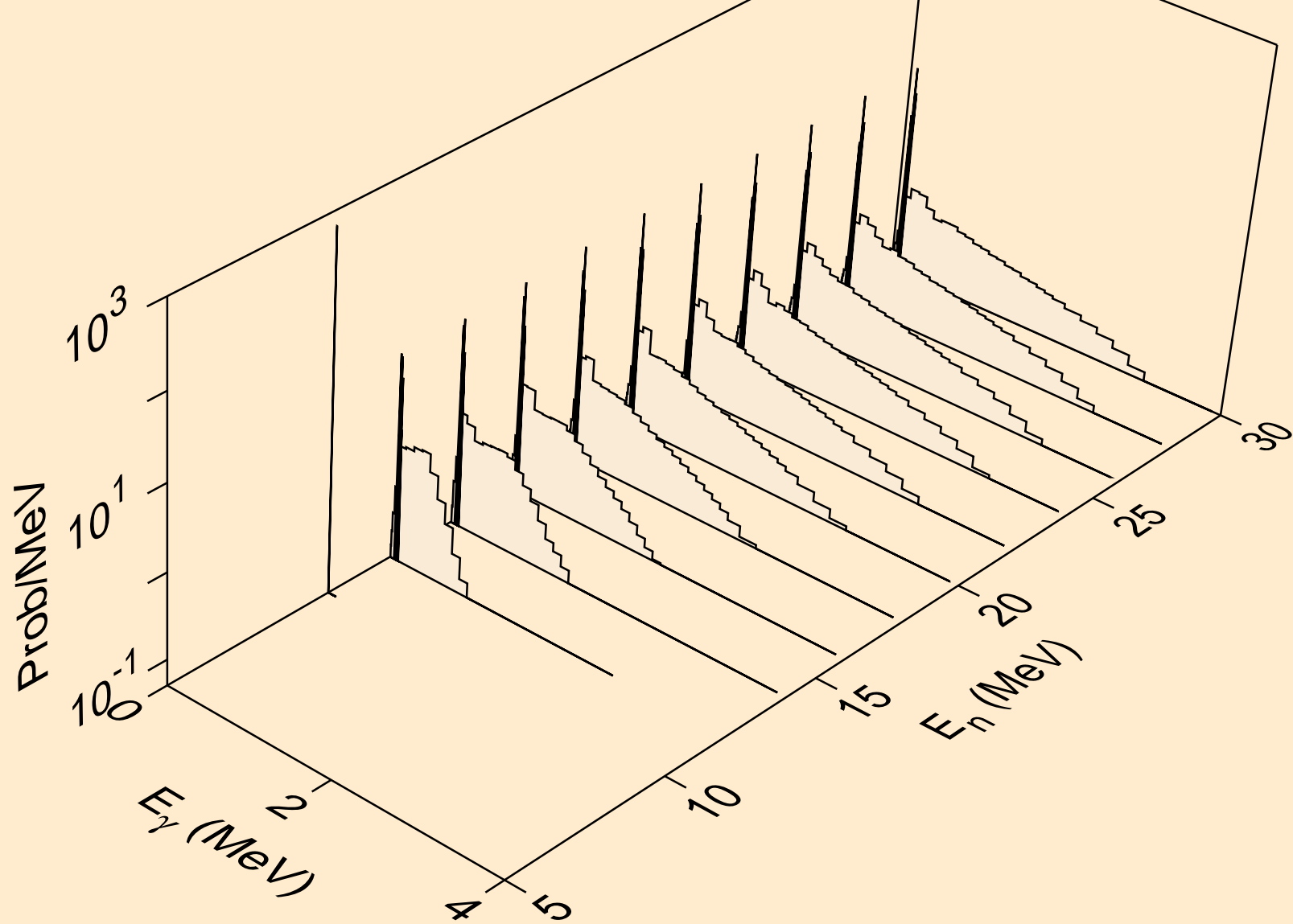
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



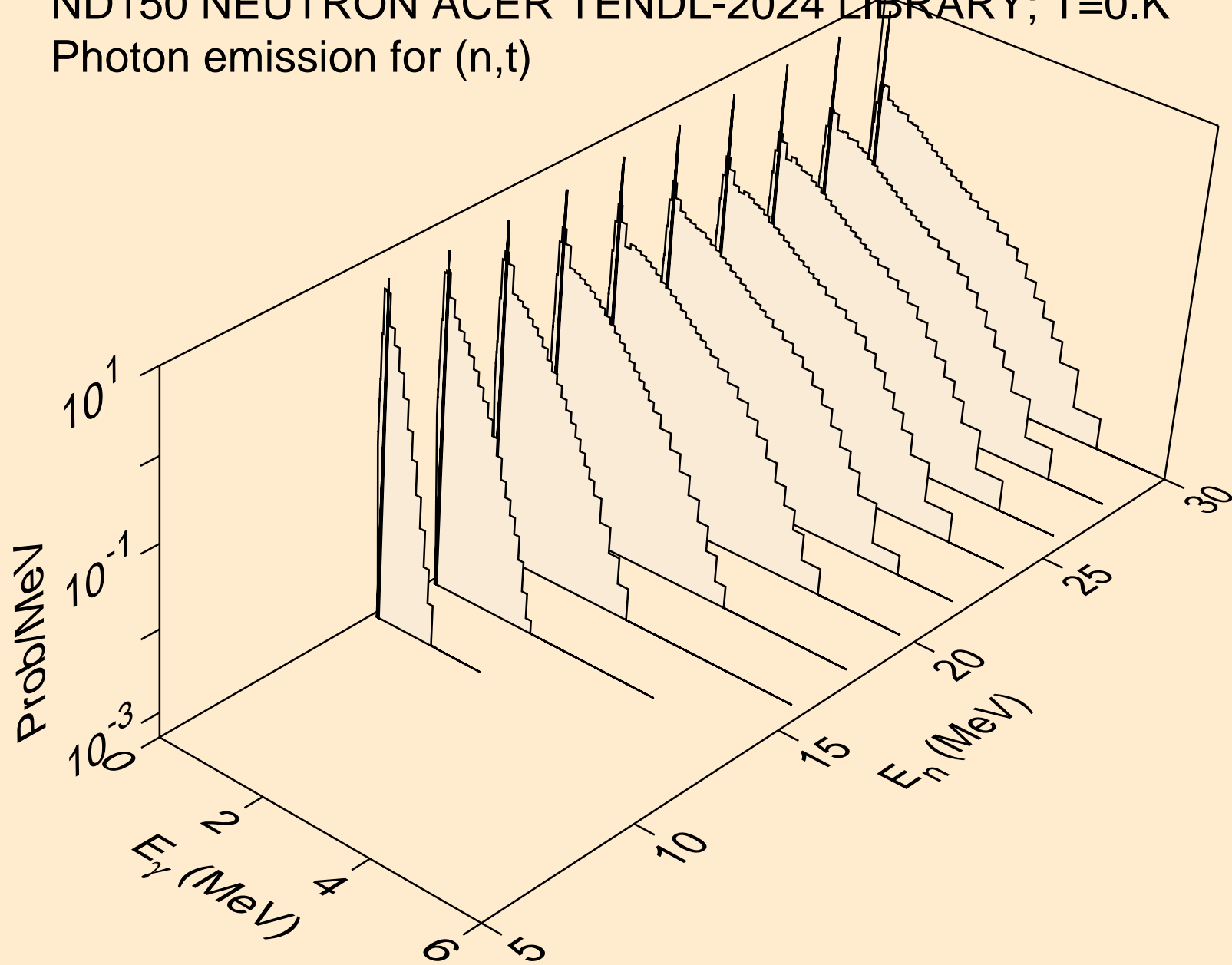
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



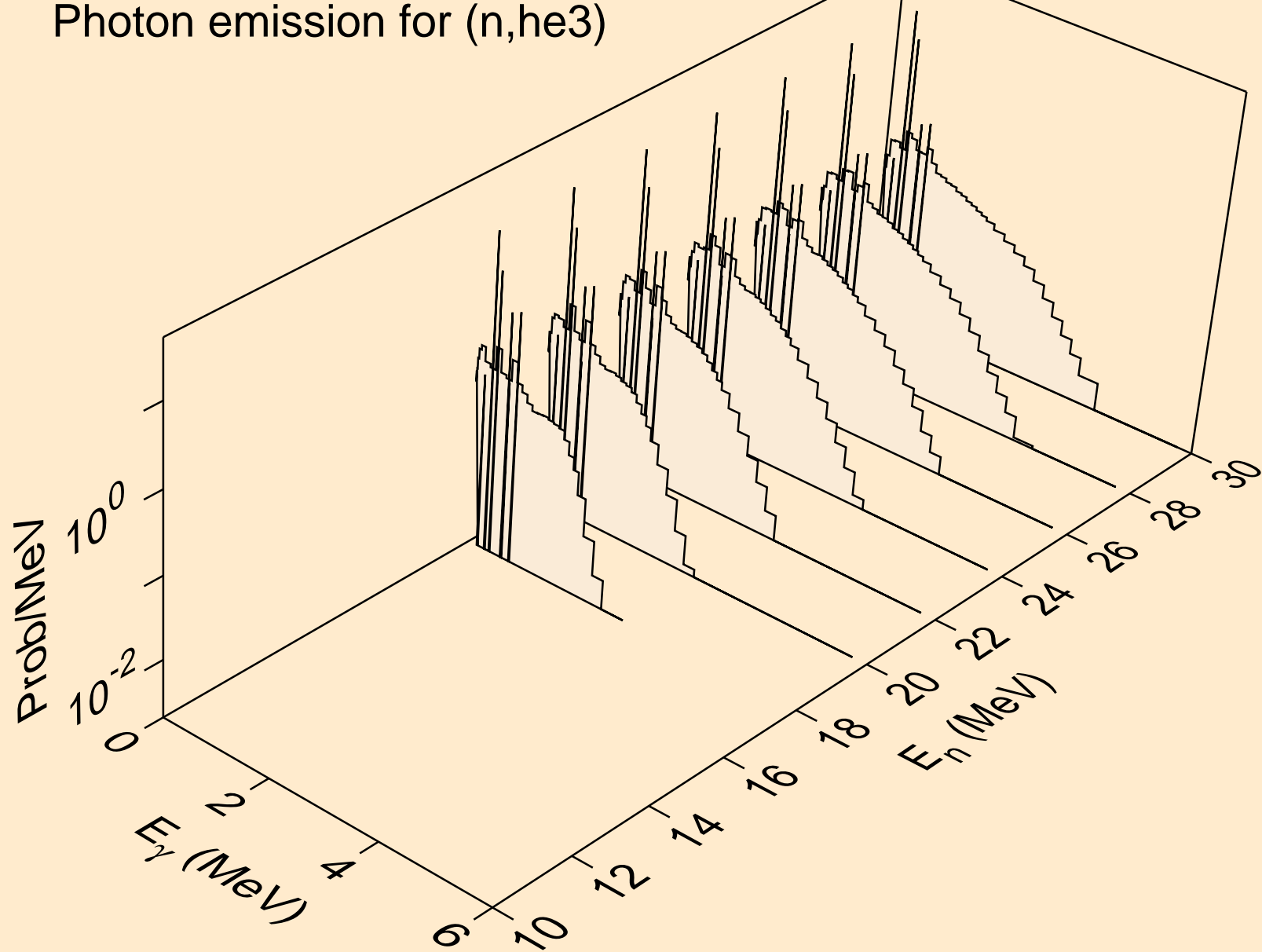
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



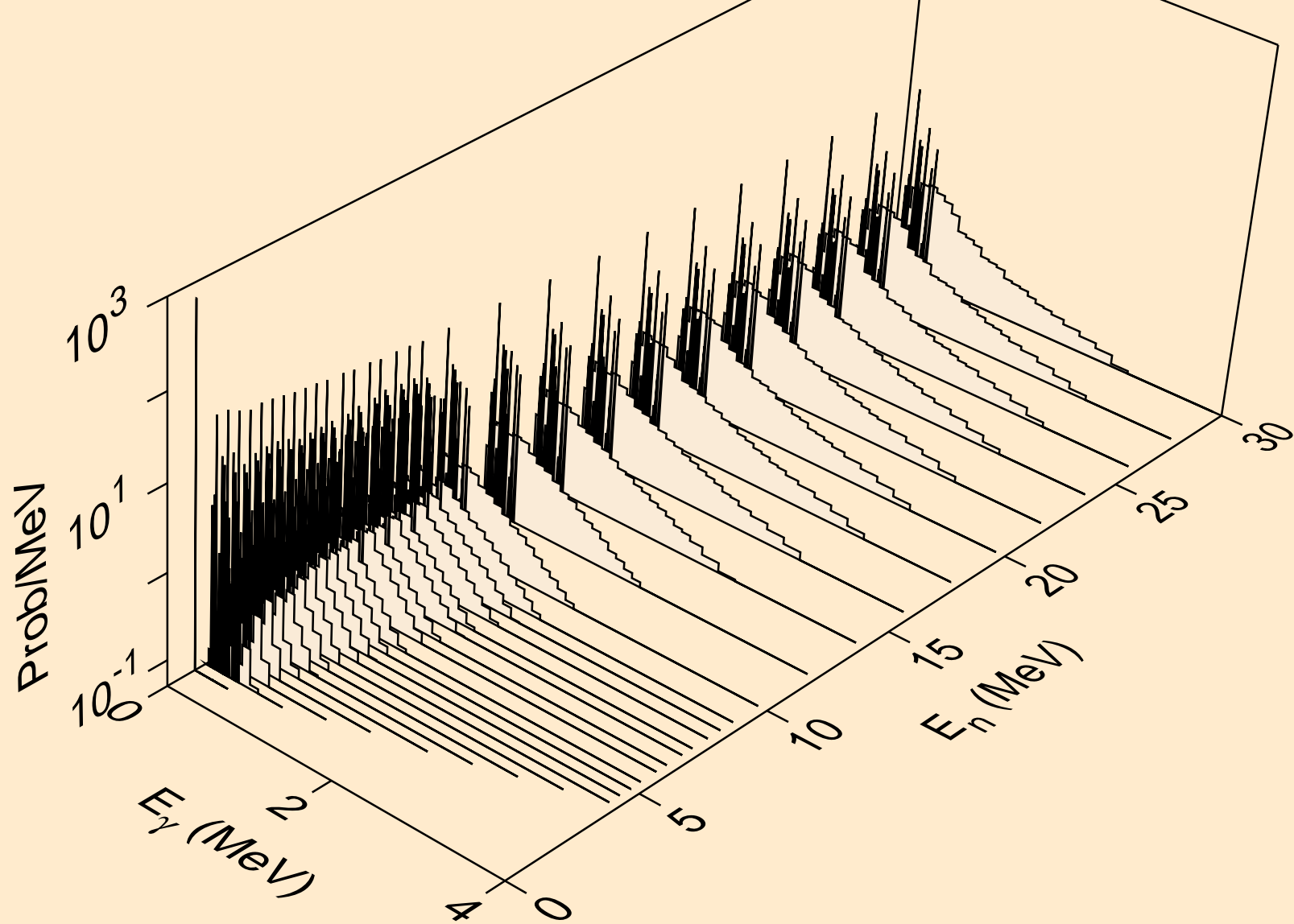
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



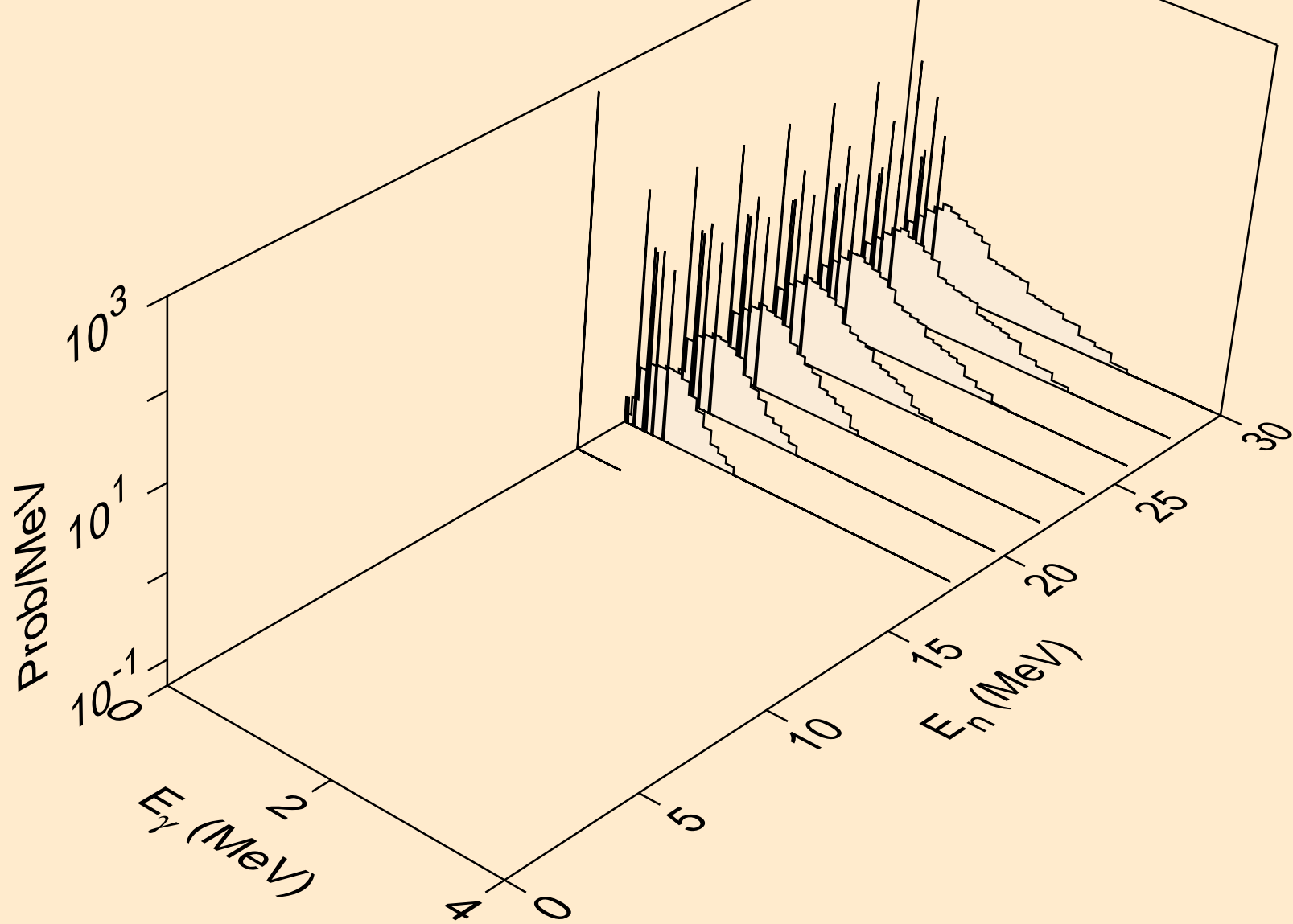
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



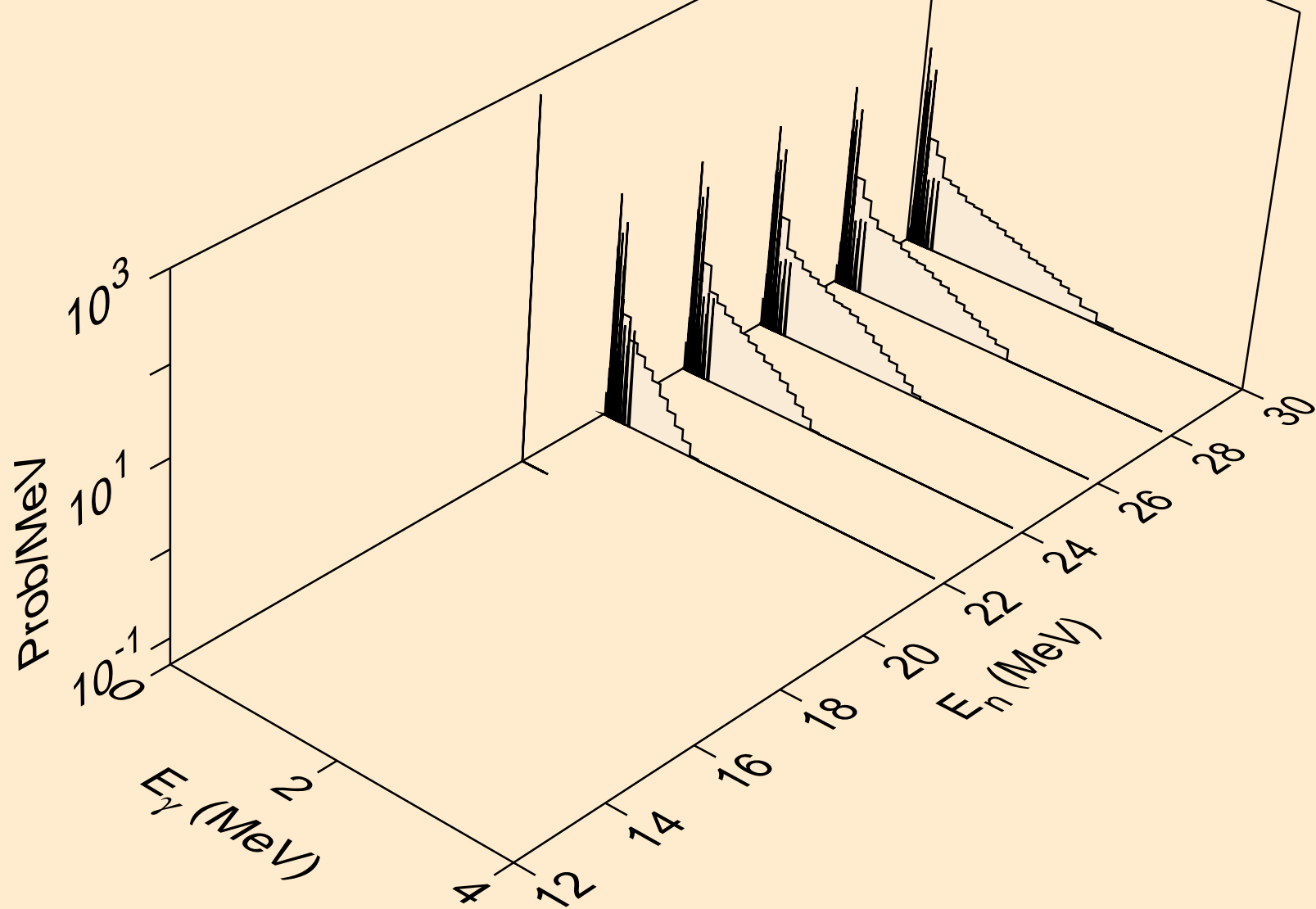
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

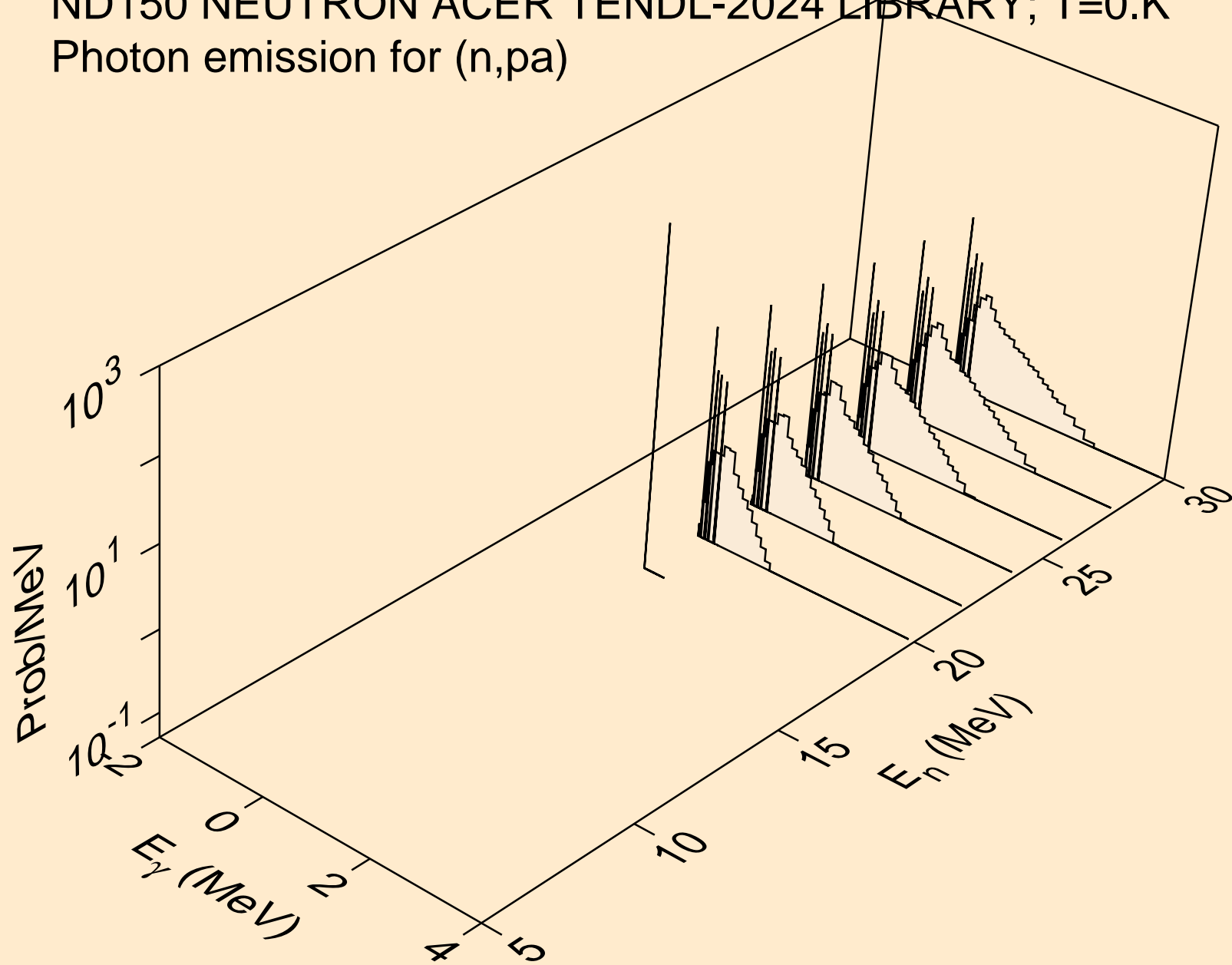


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

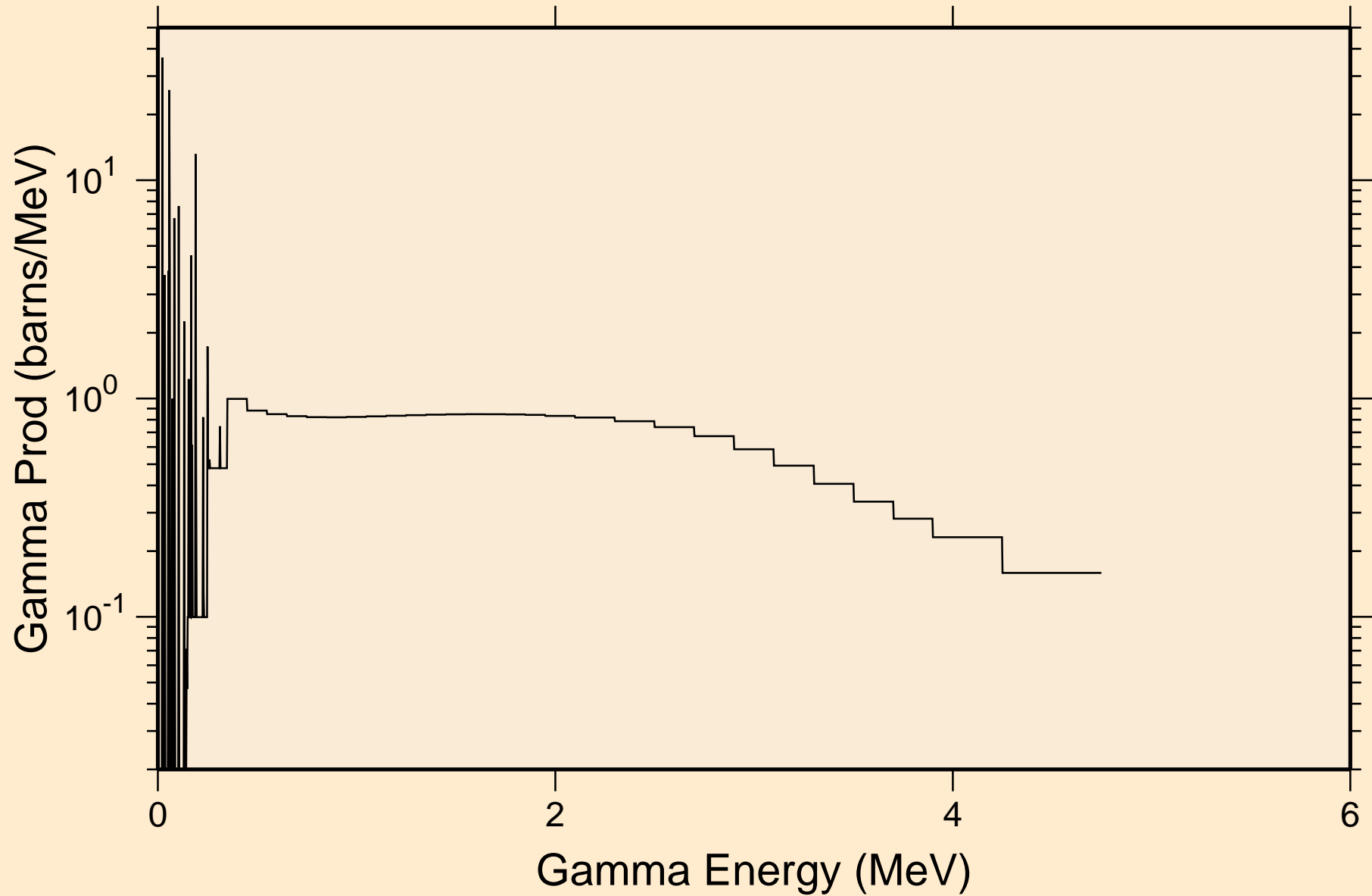




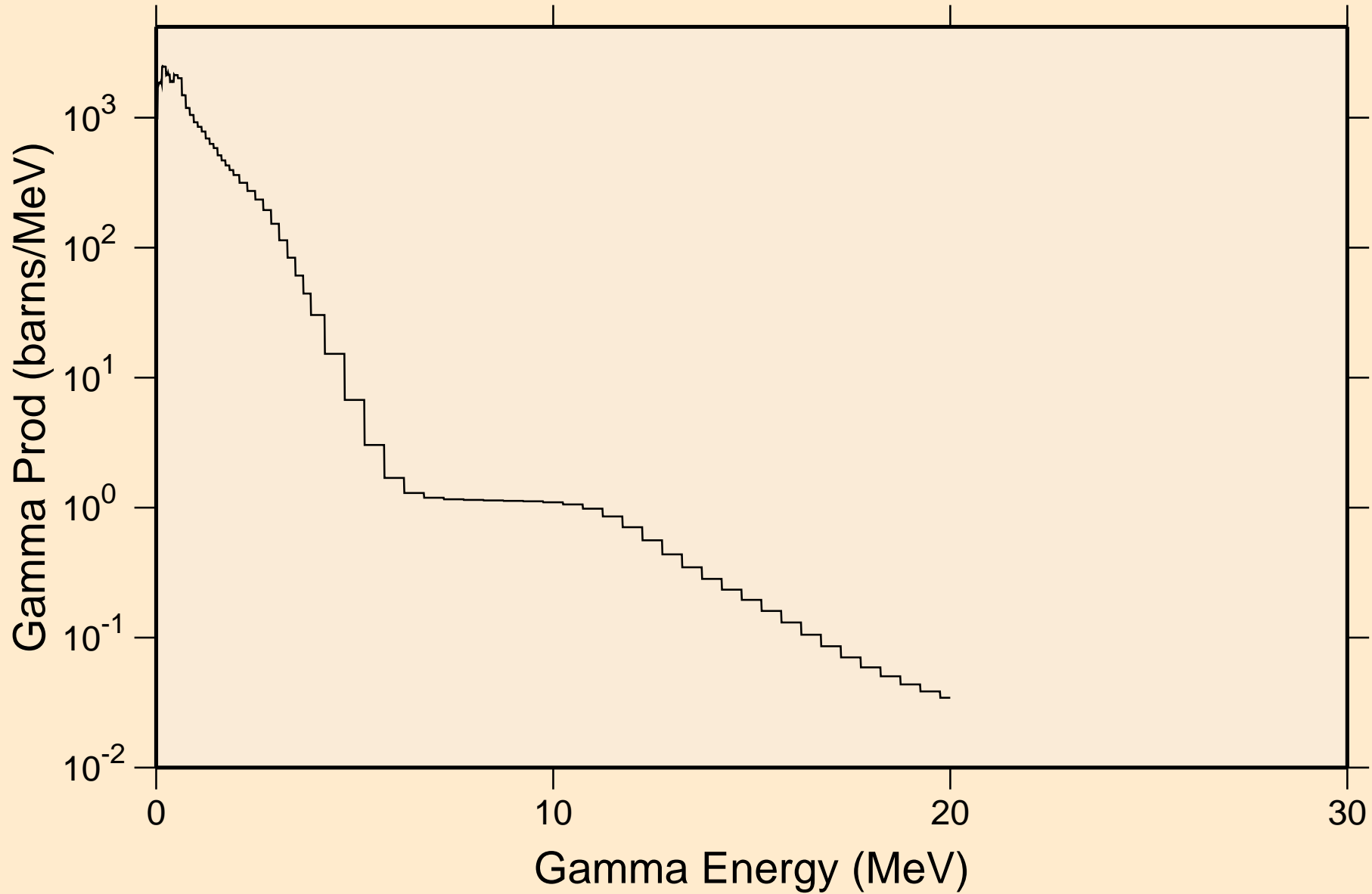
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

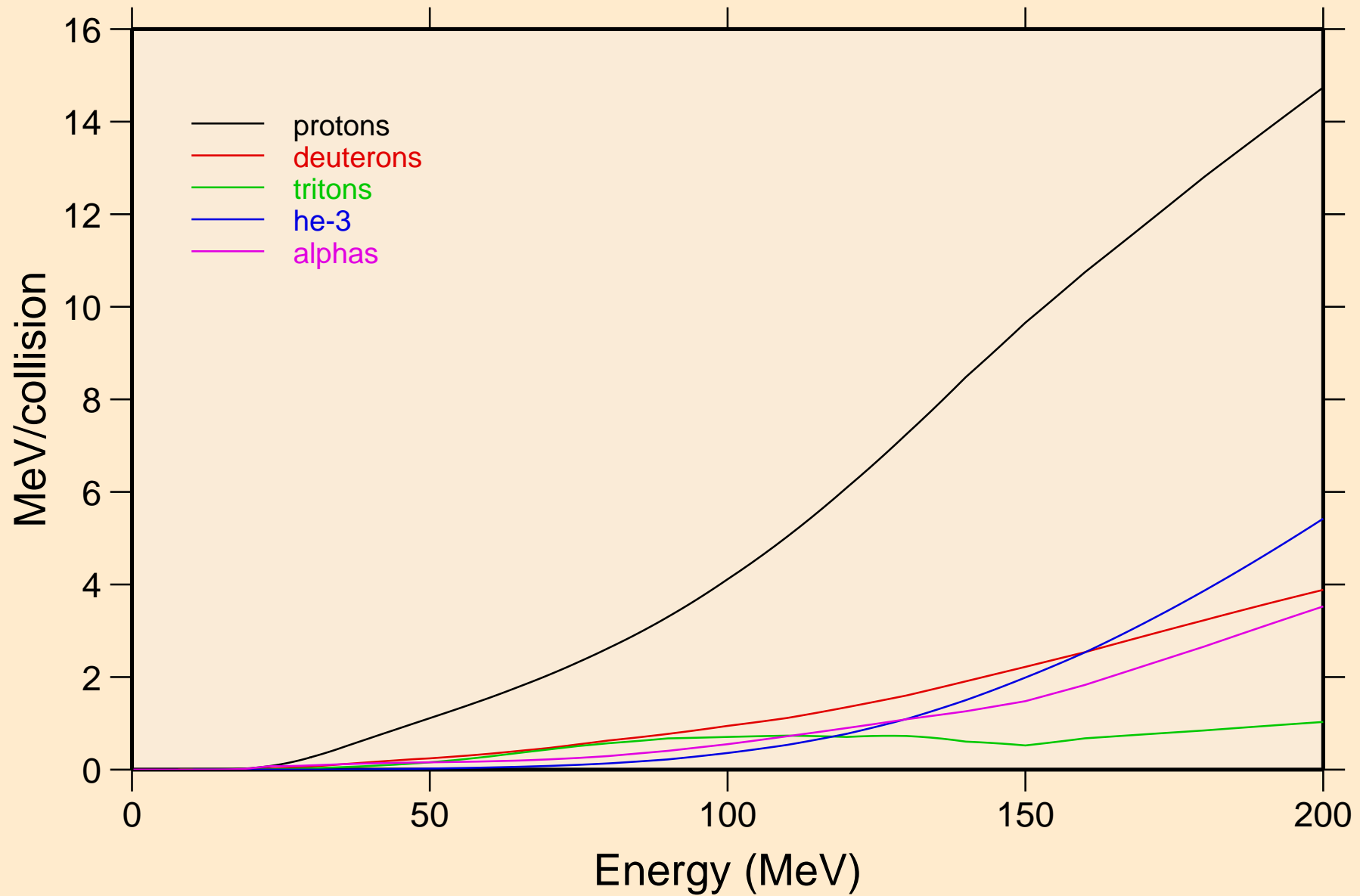


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

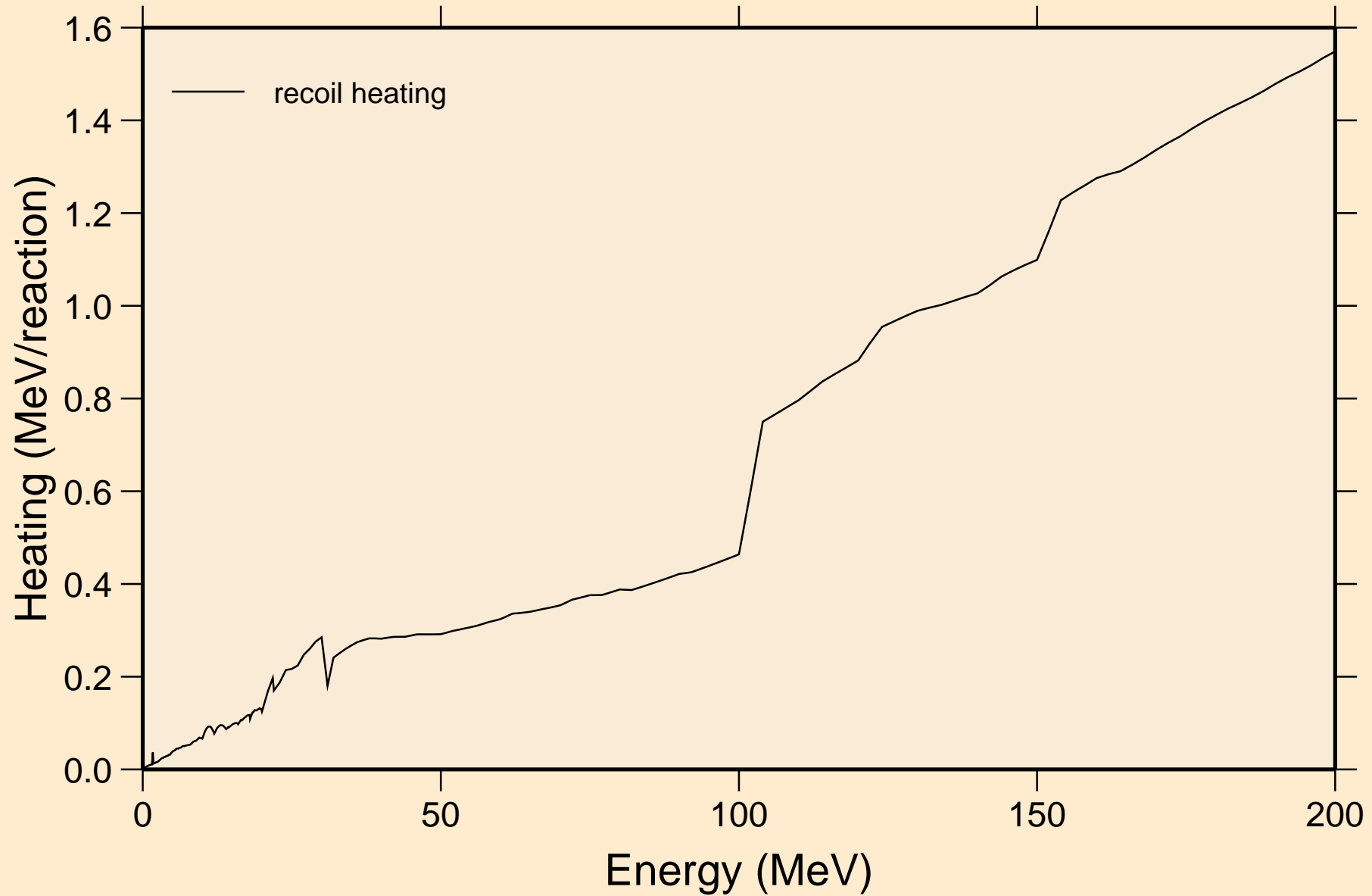


# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

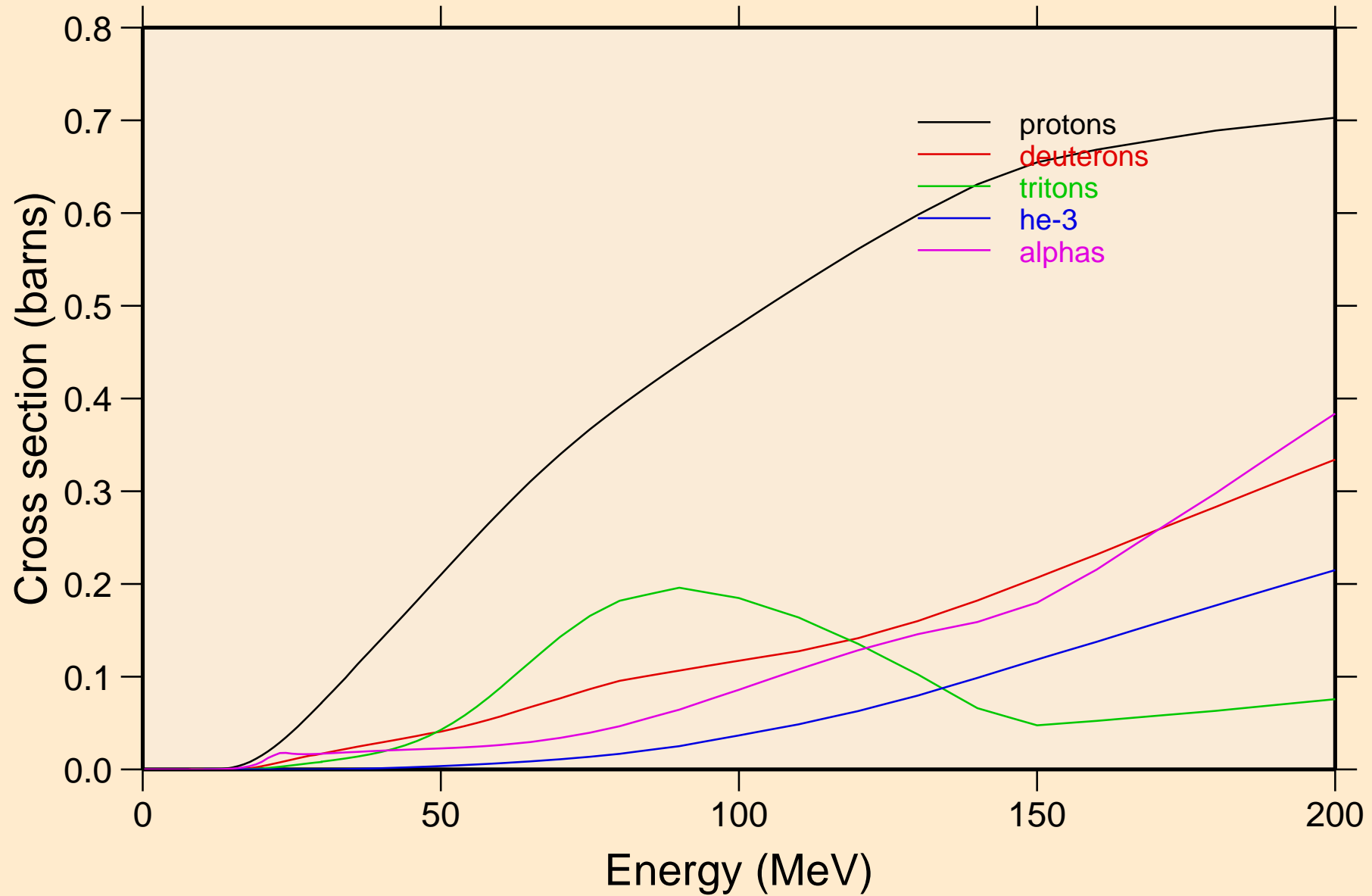


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

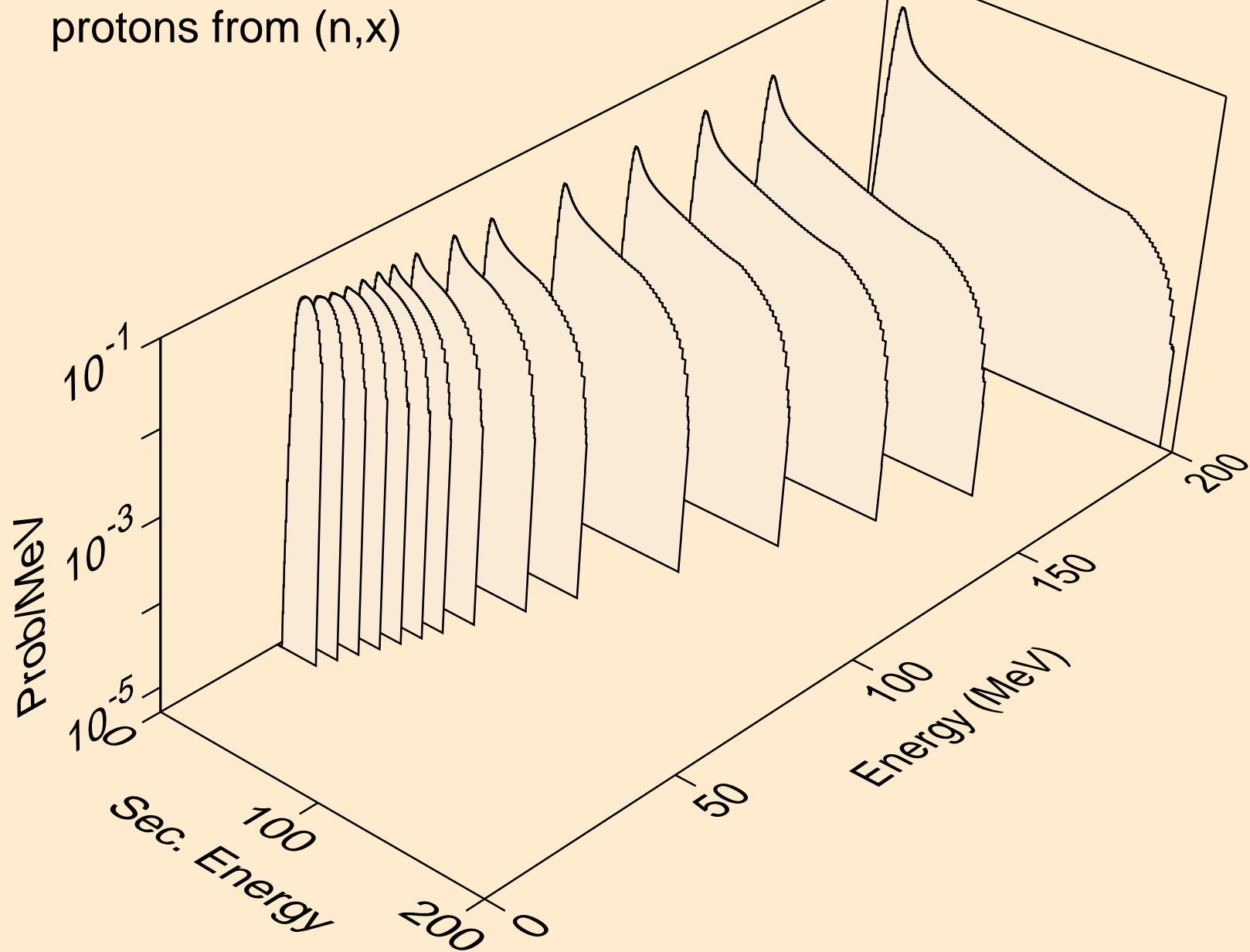


# ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

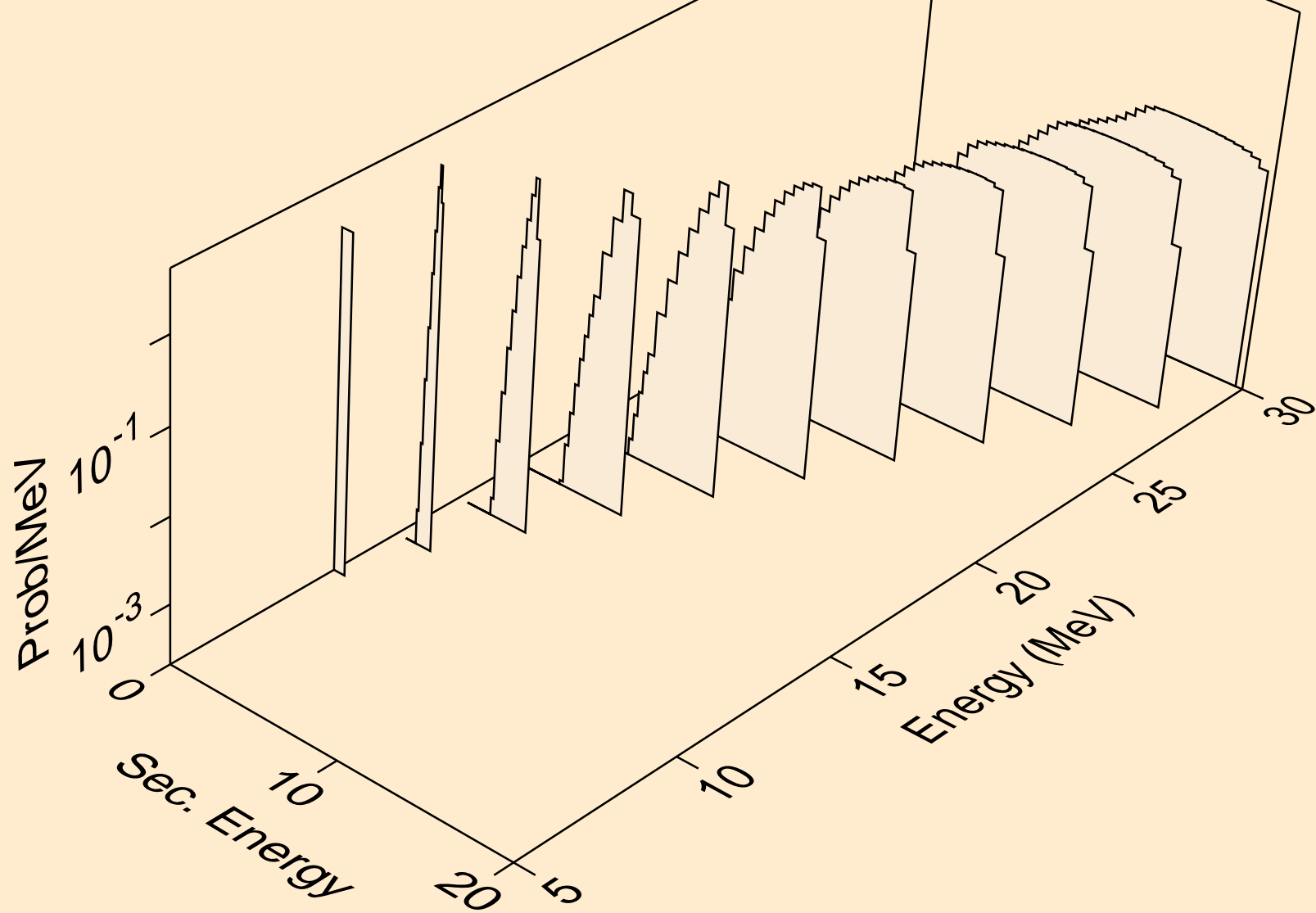
## Particle production cross sections



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

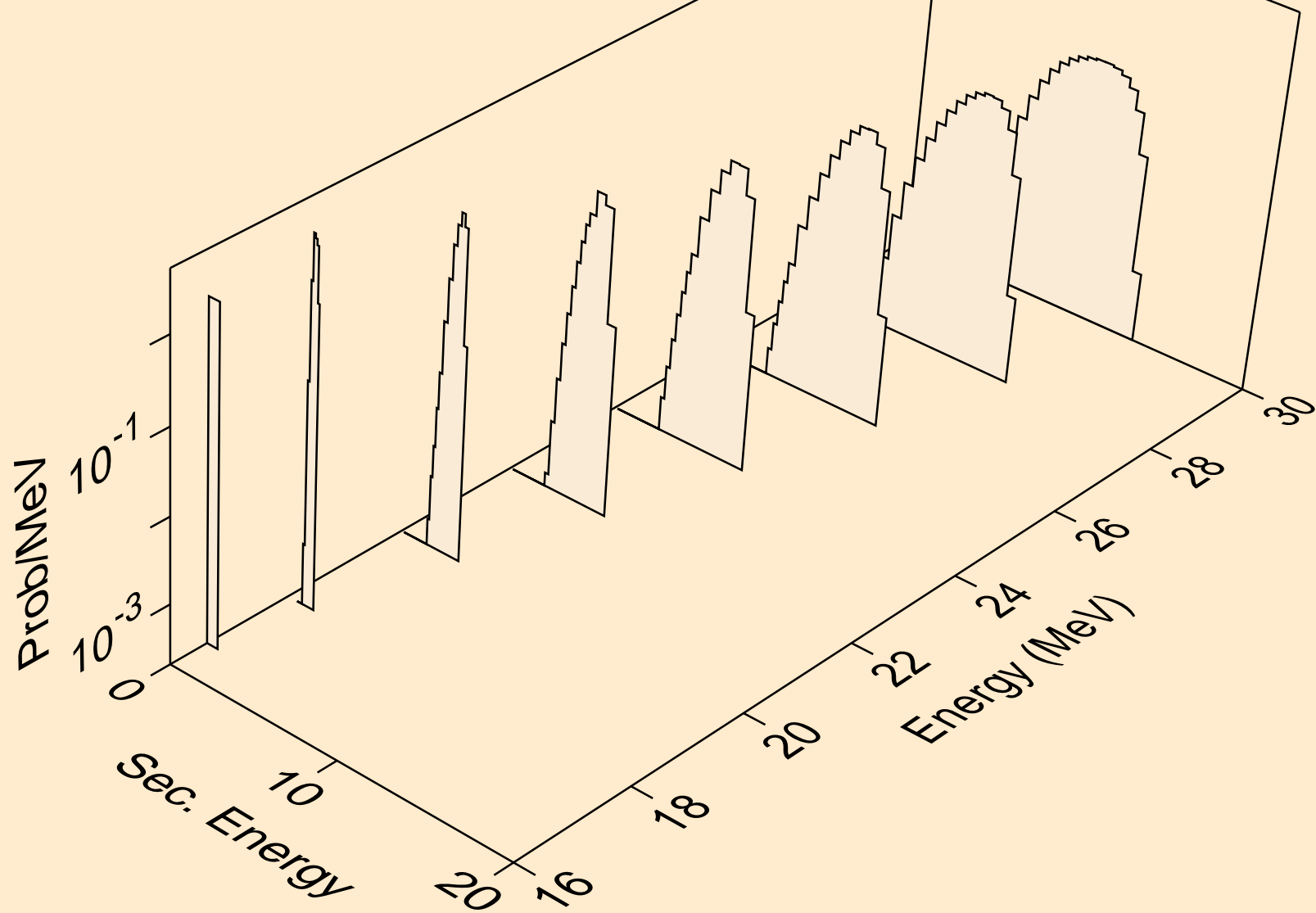


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

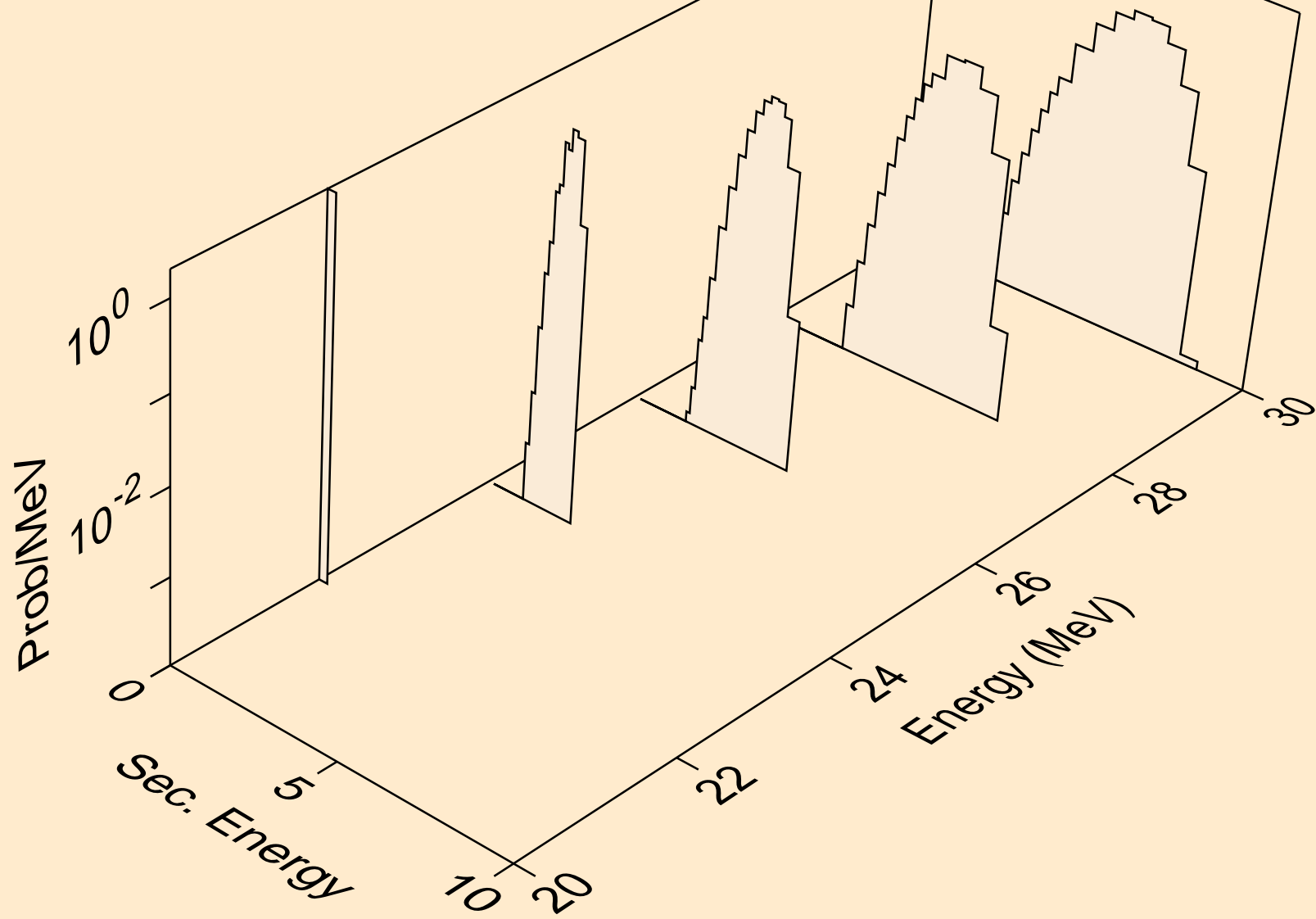




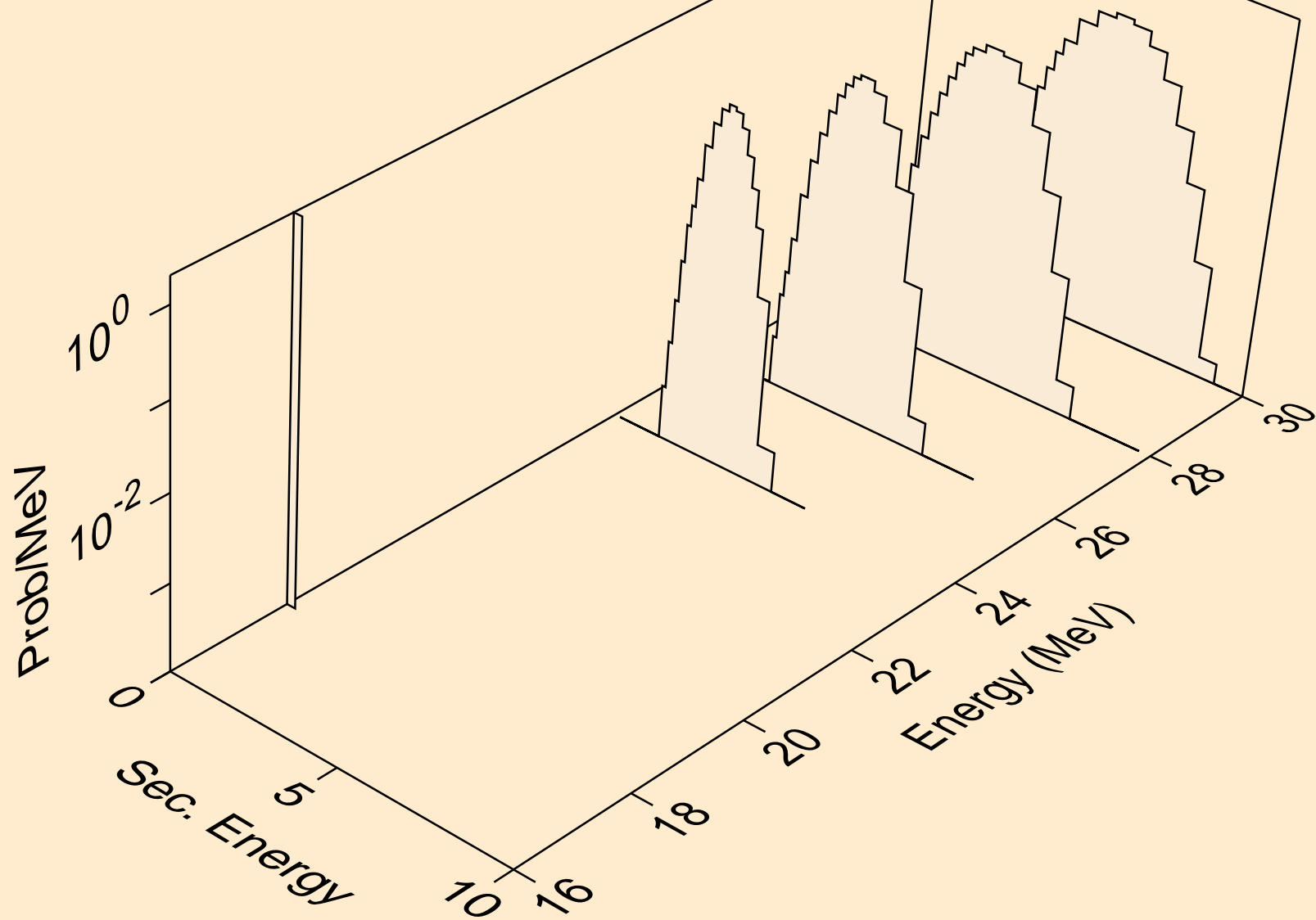
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



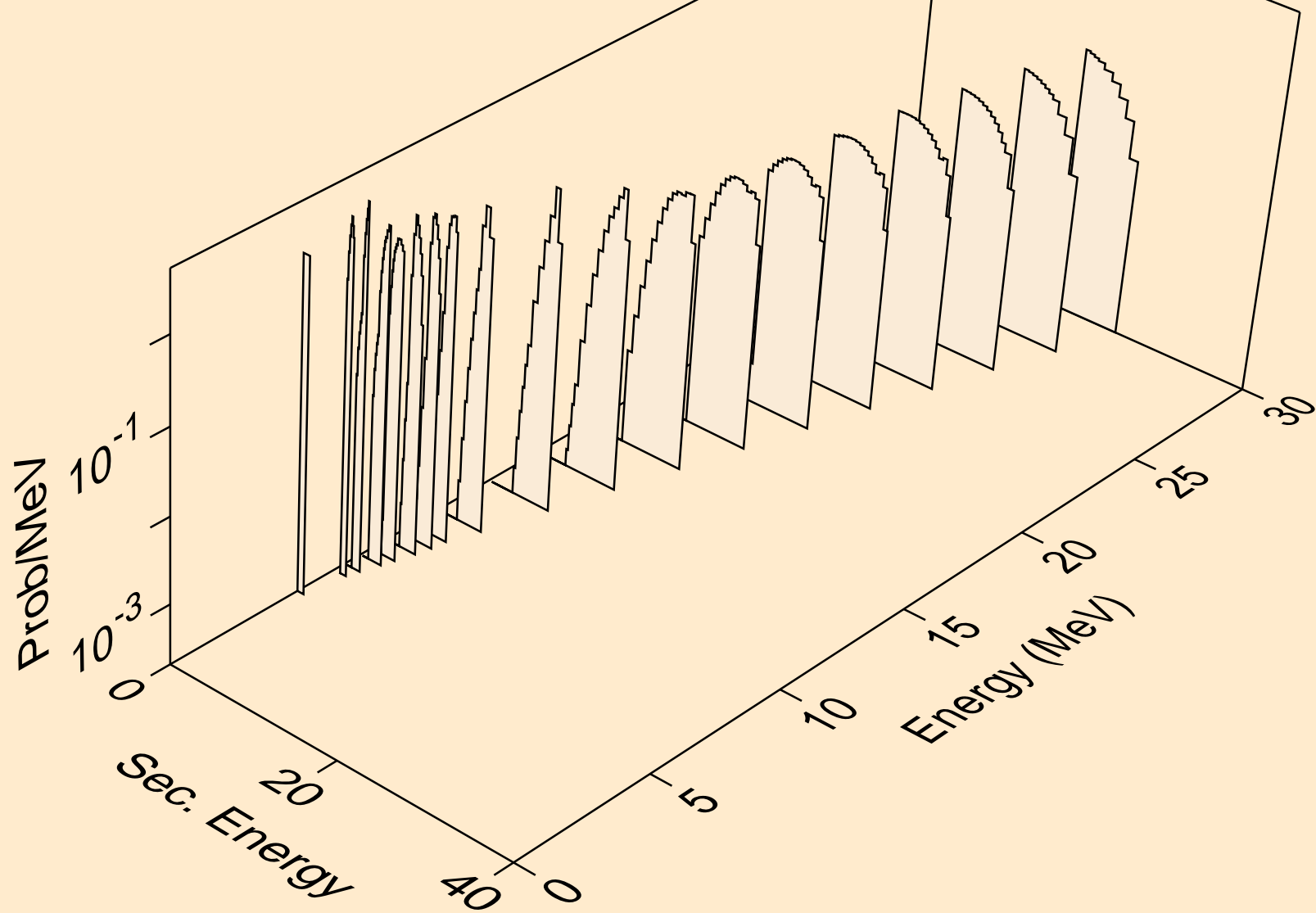
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



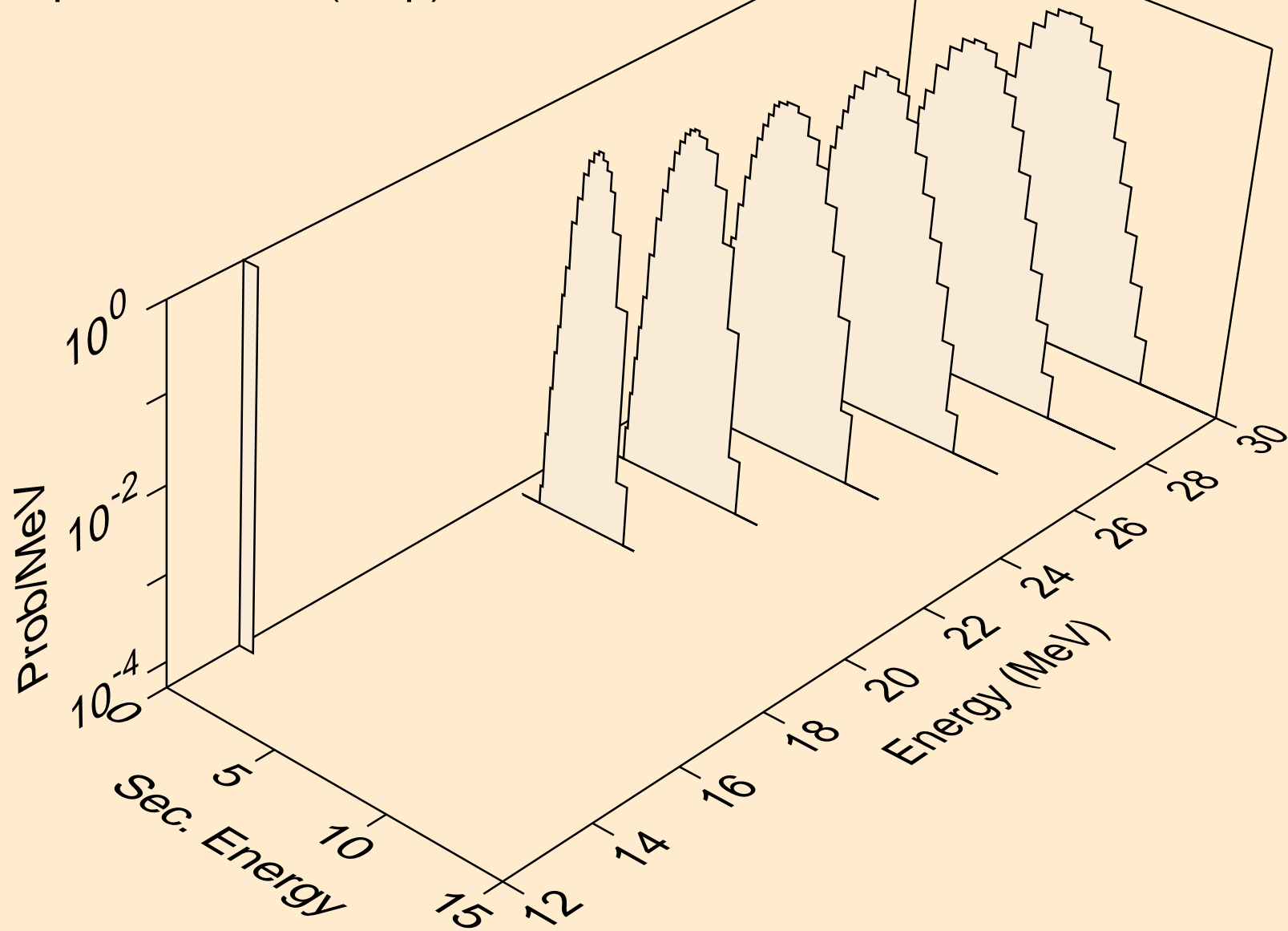
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



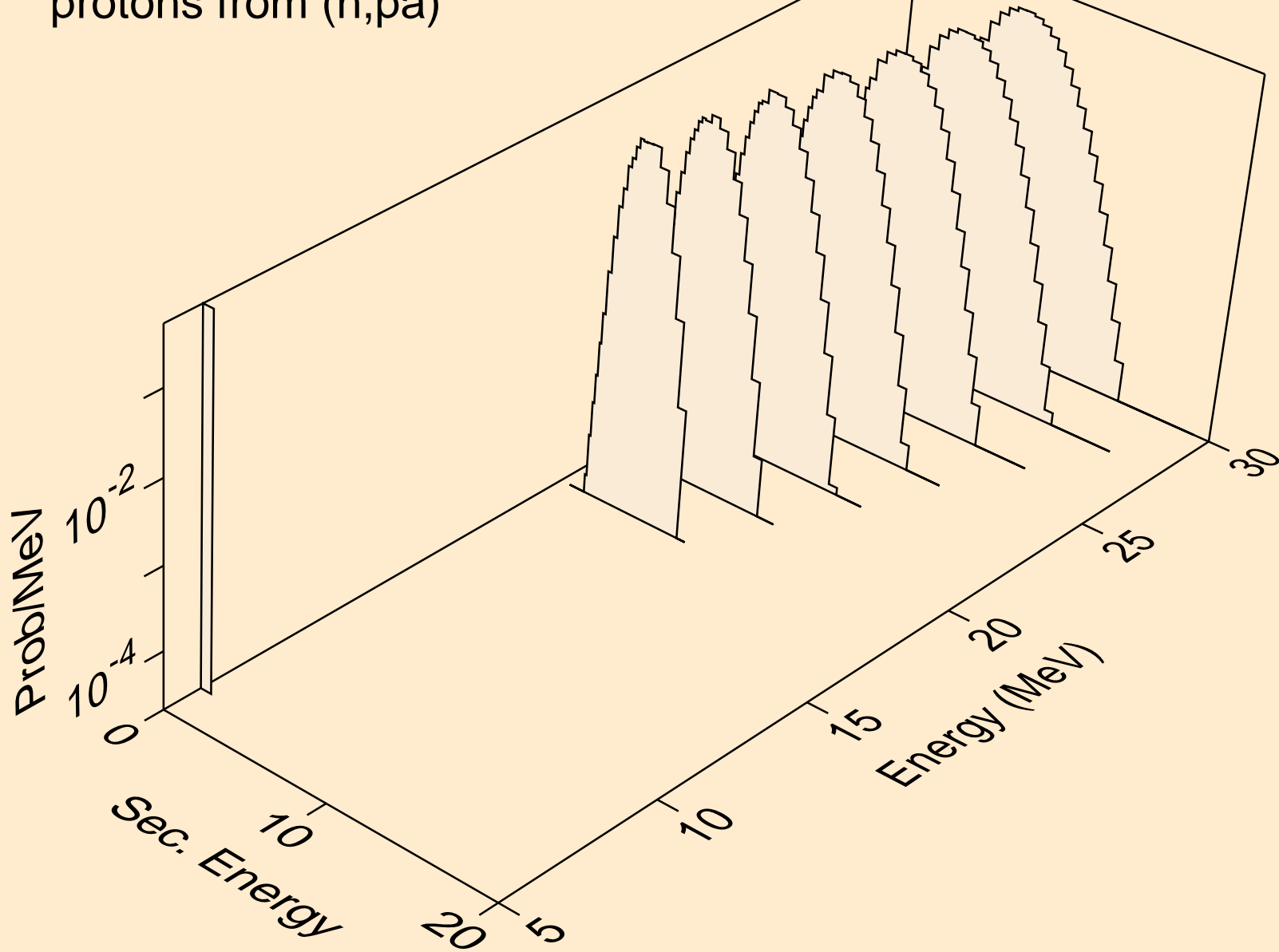
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protons from (n,p)



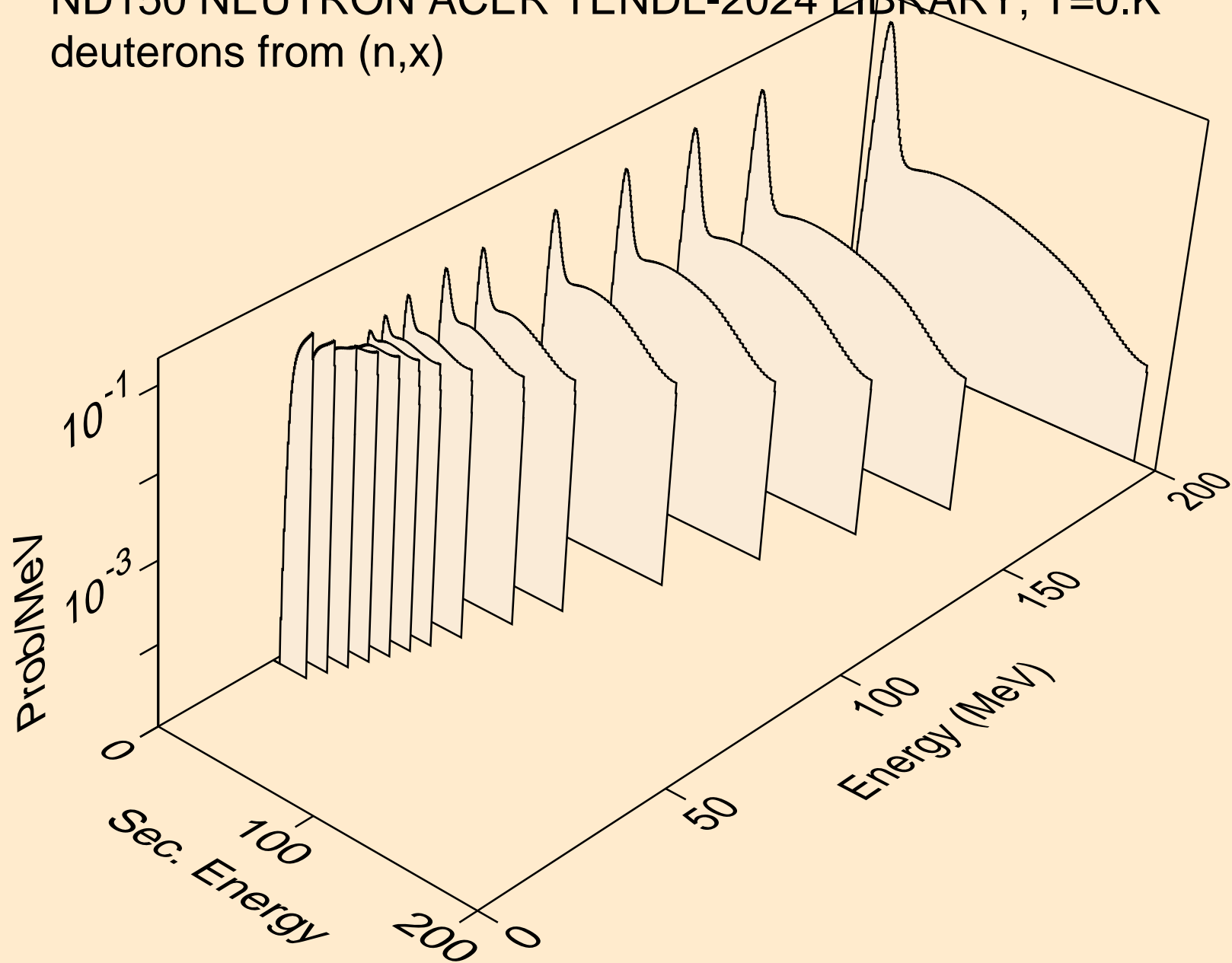
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



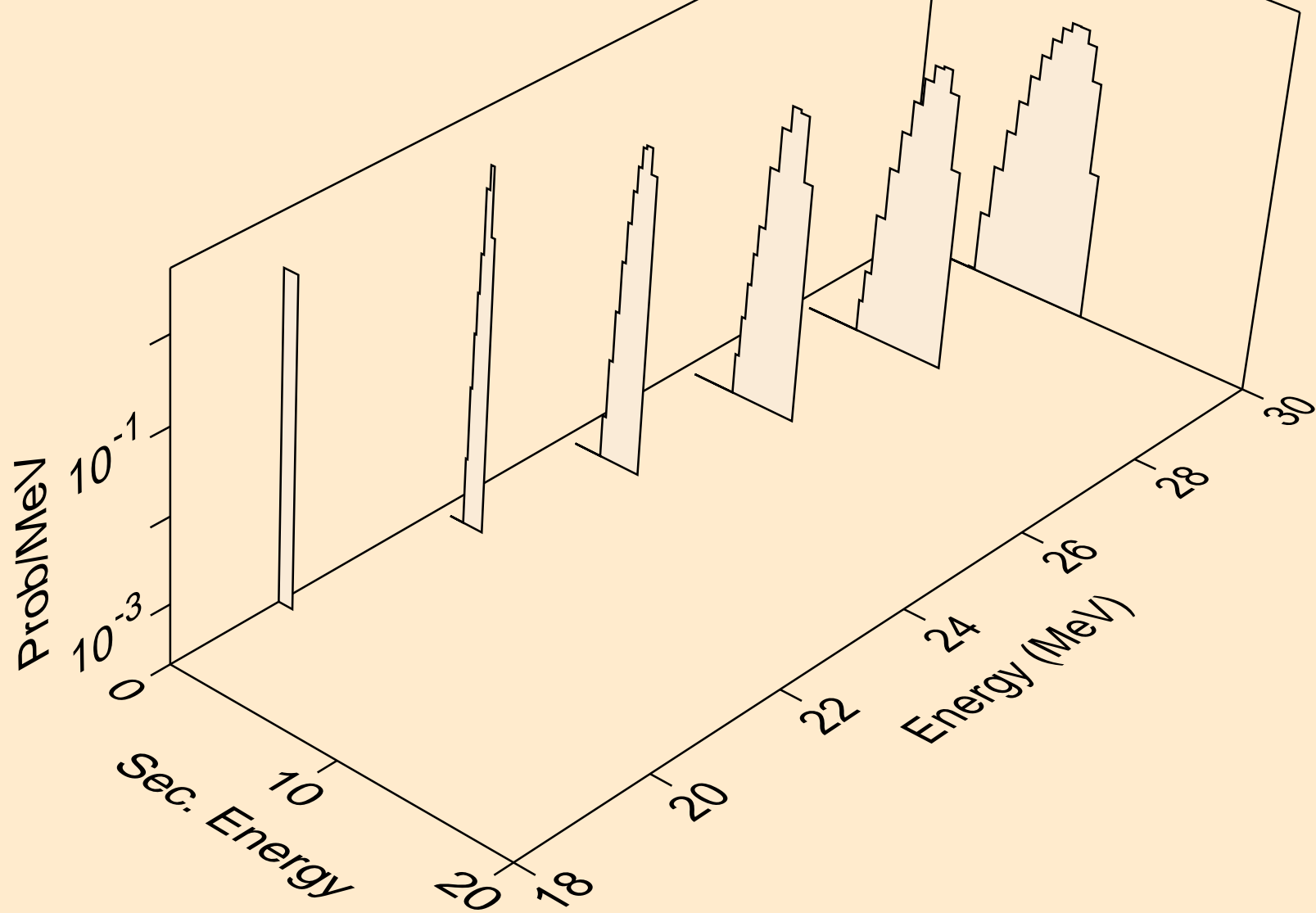
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

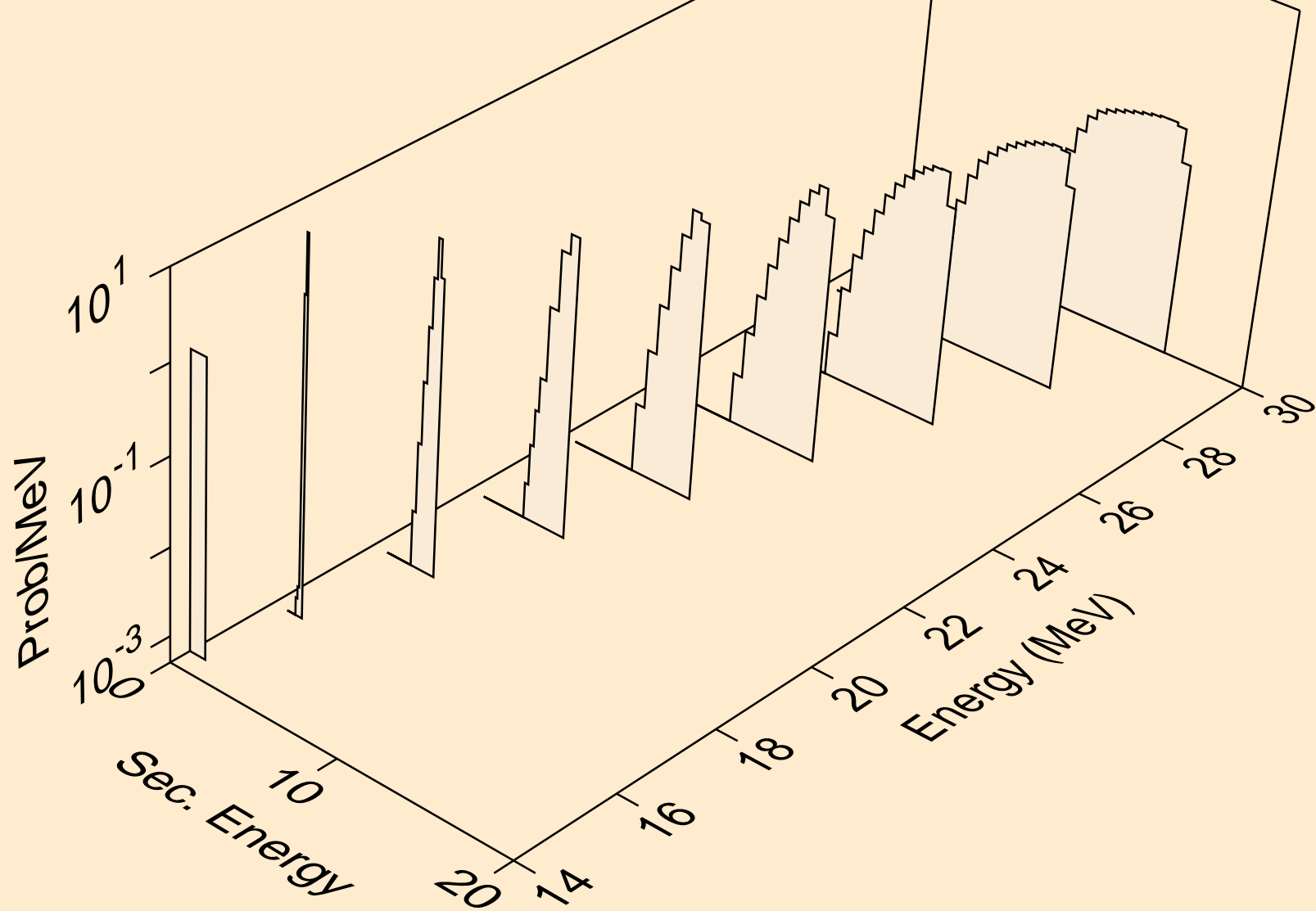


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

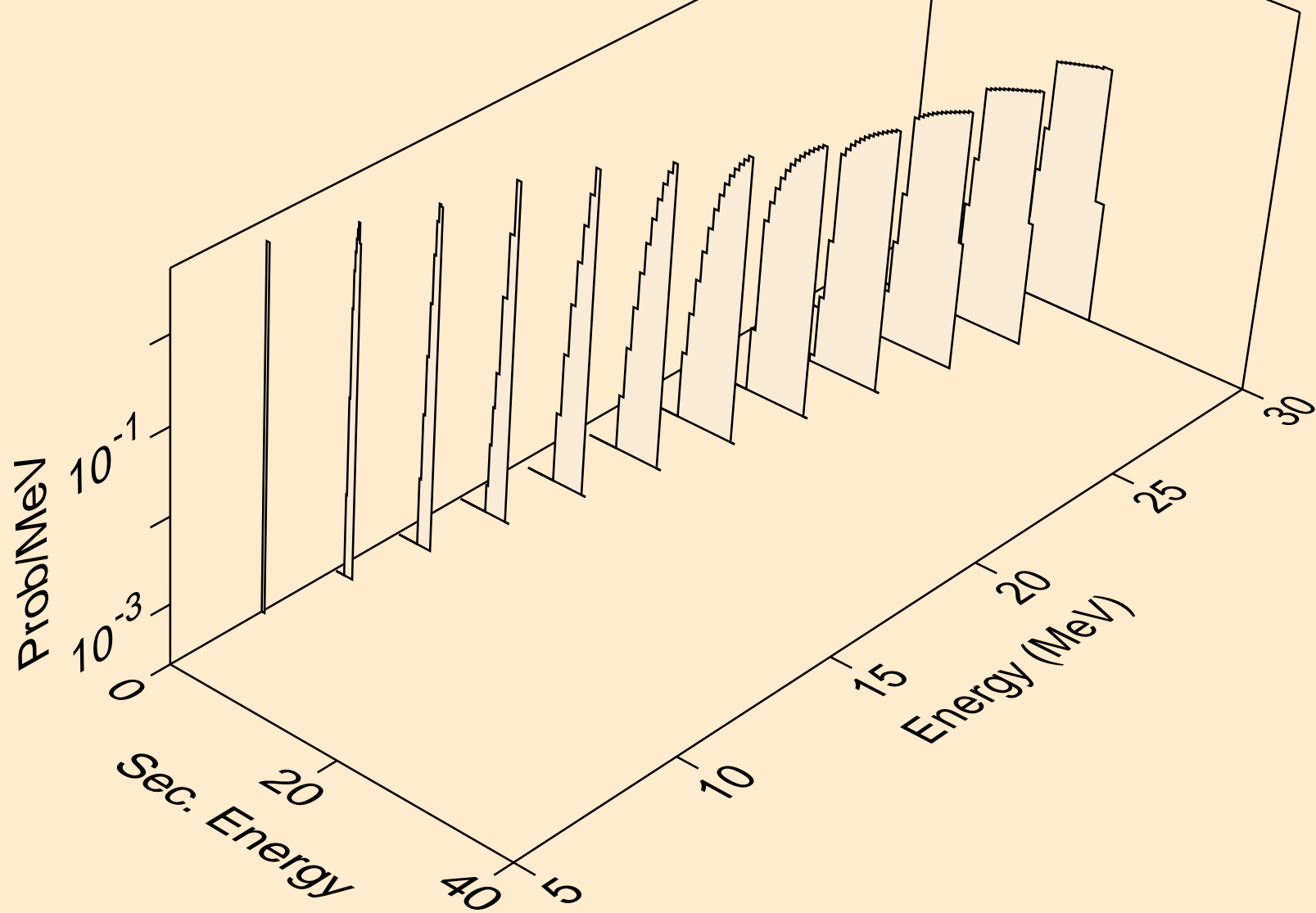




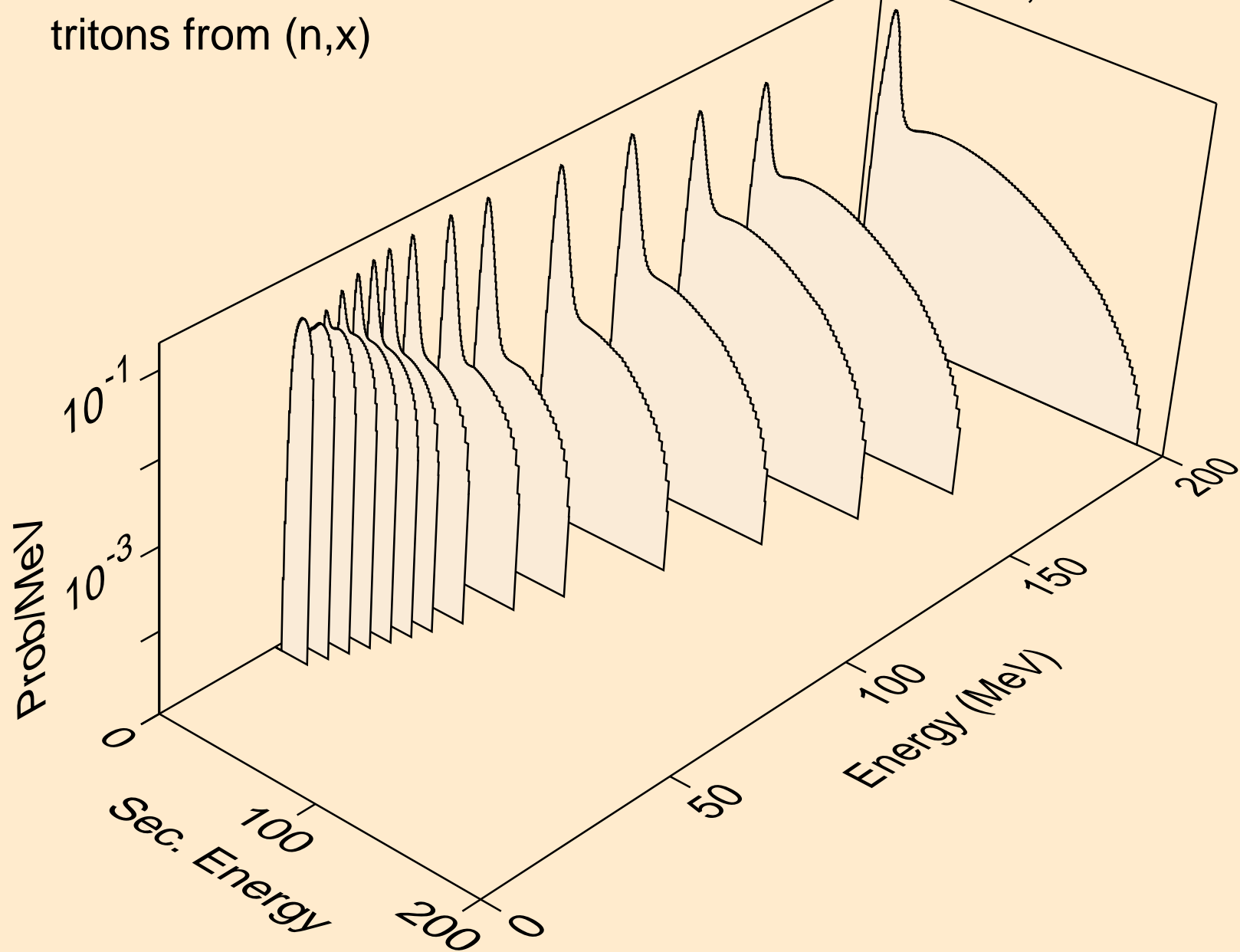
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



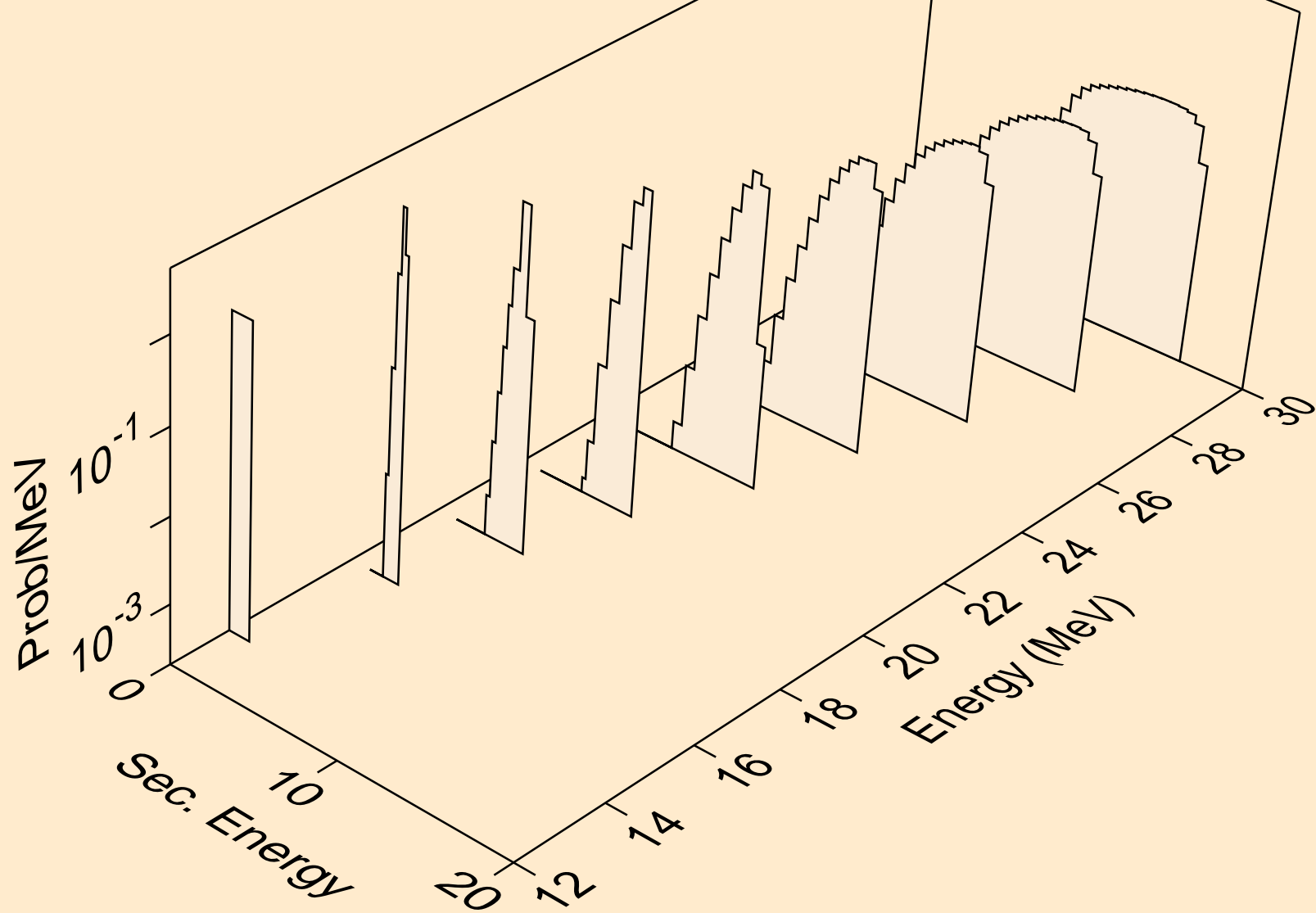
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deuterons from (n,d)



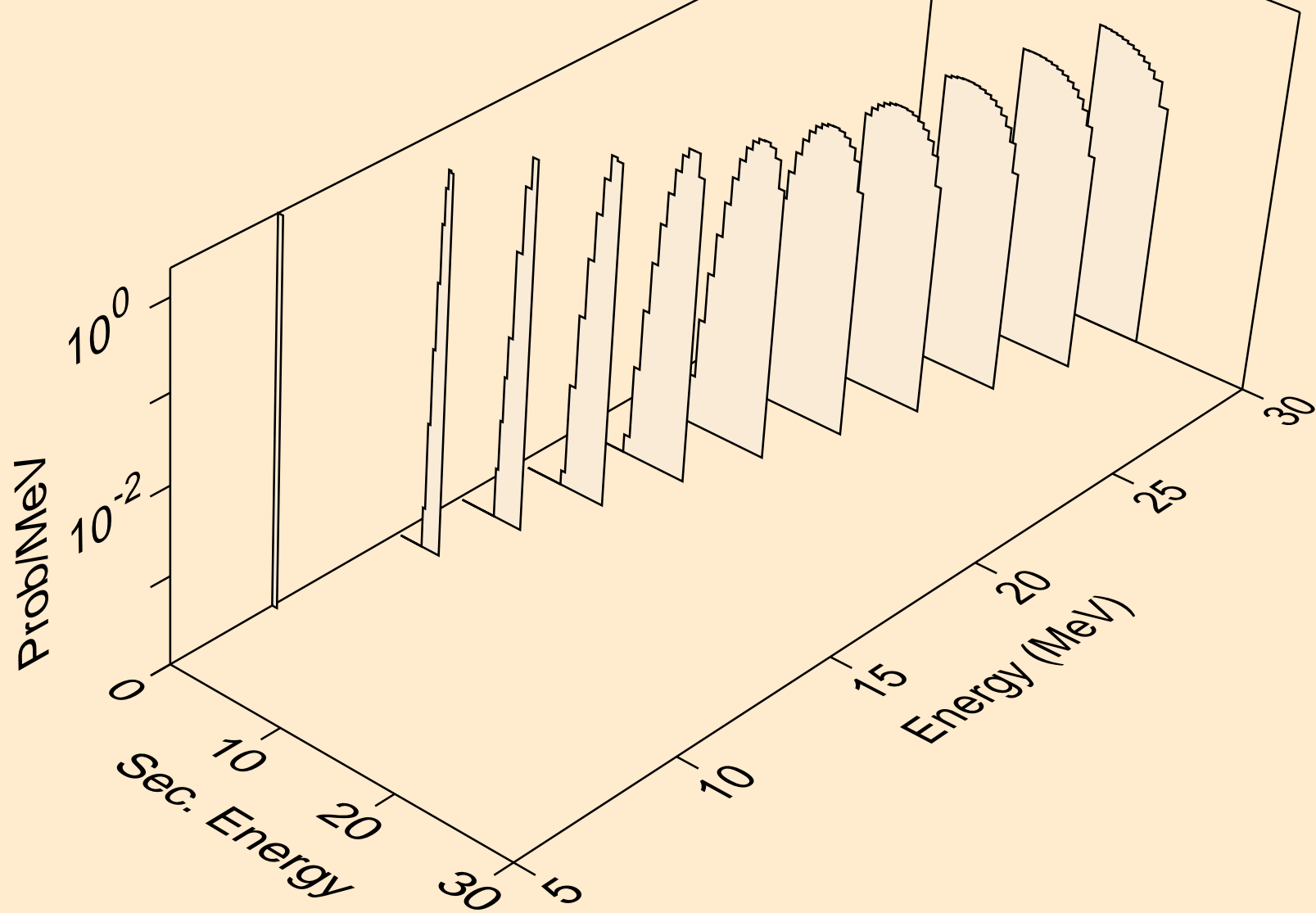
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



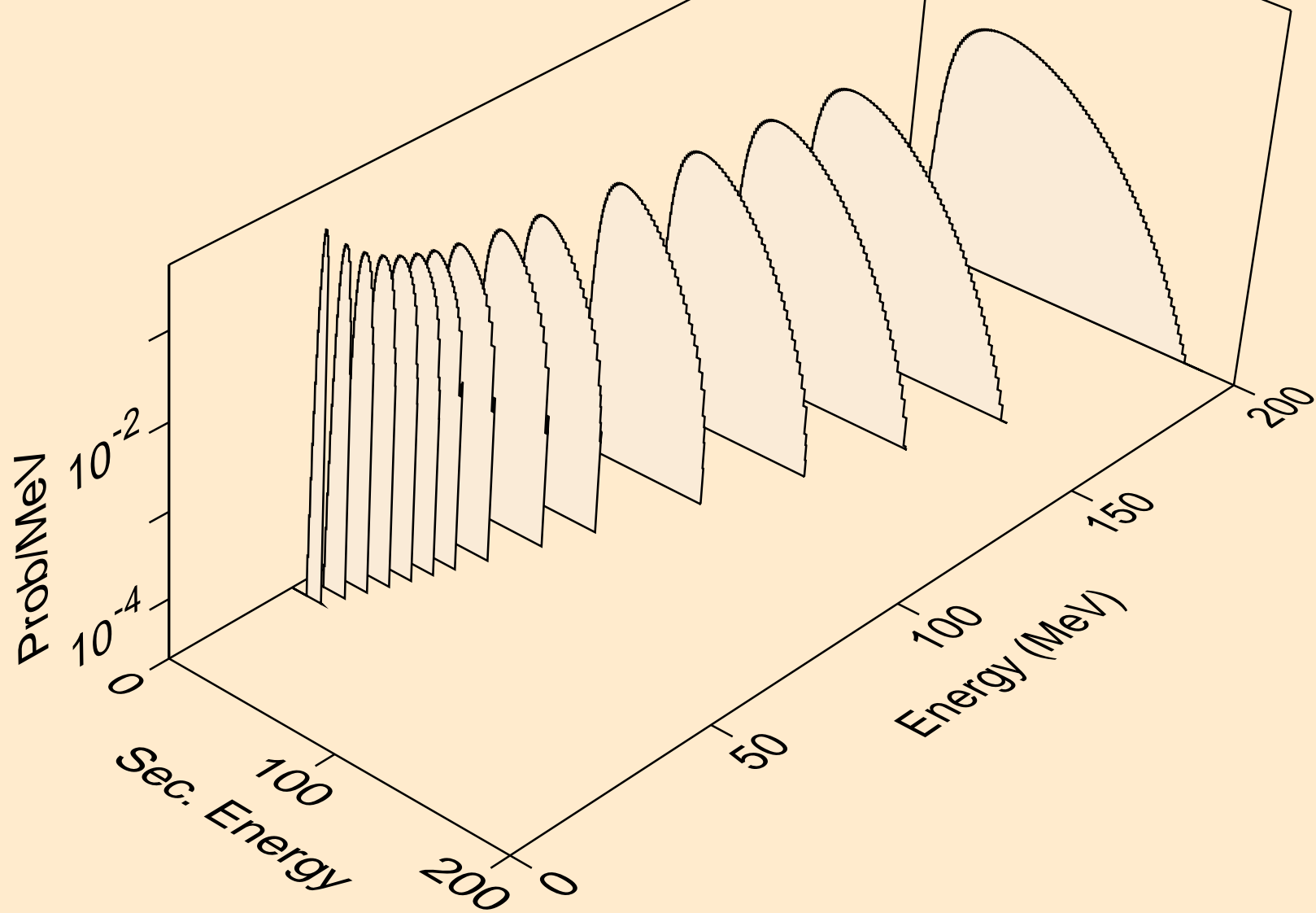
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



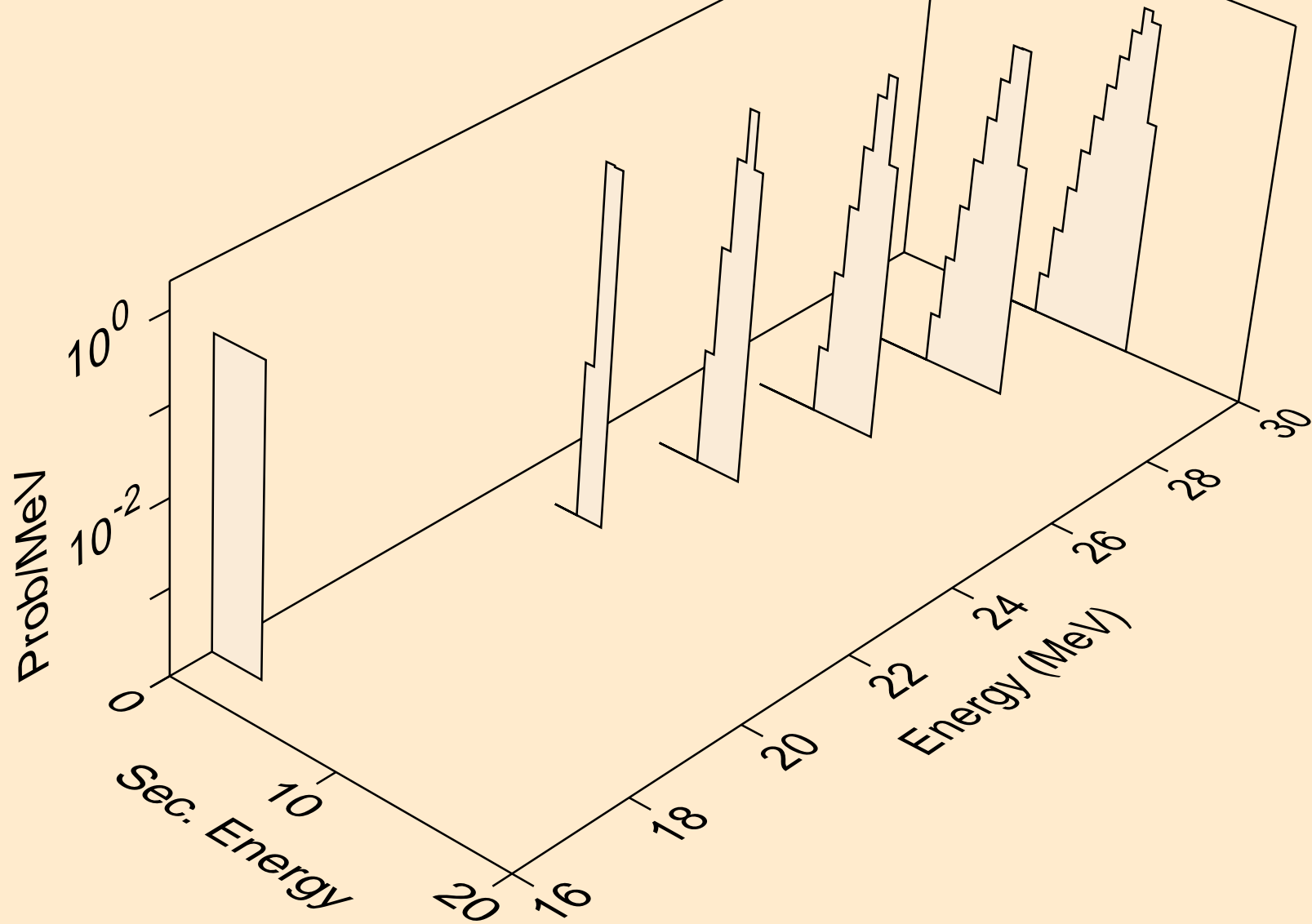
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tritons from (n,t)



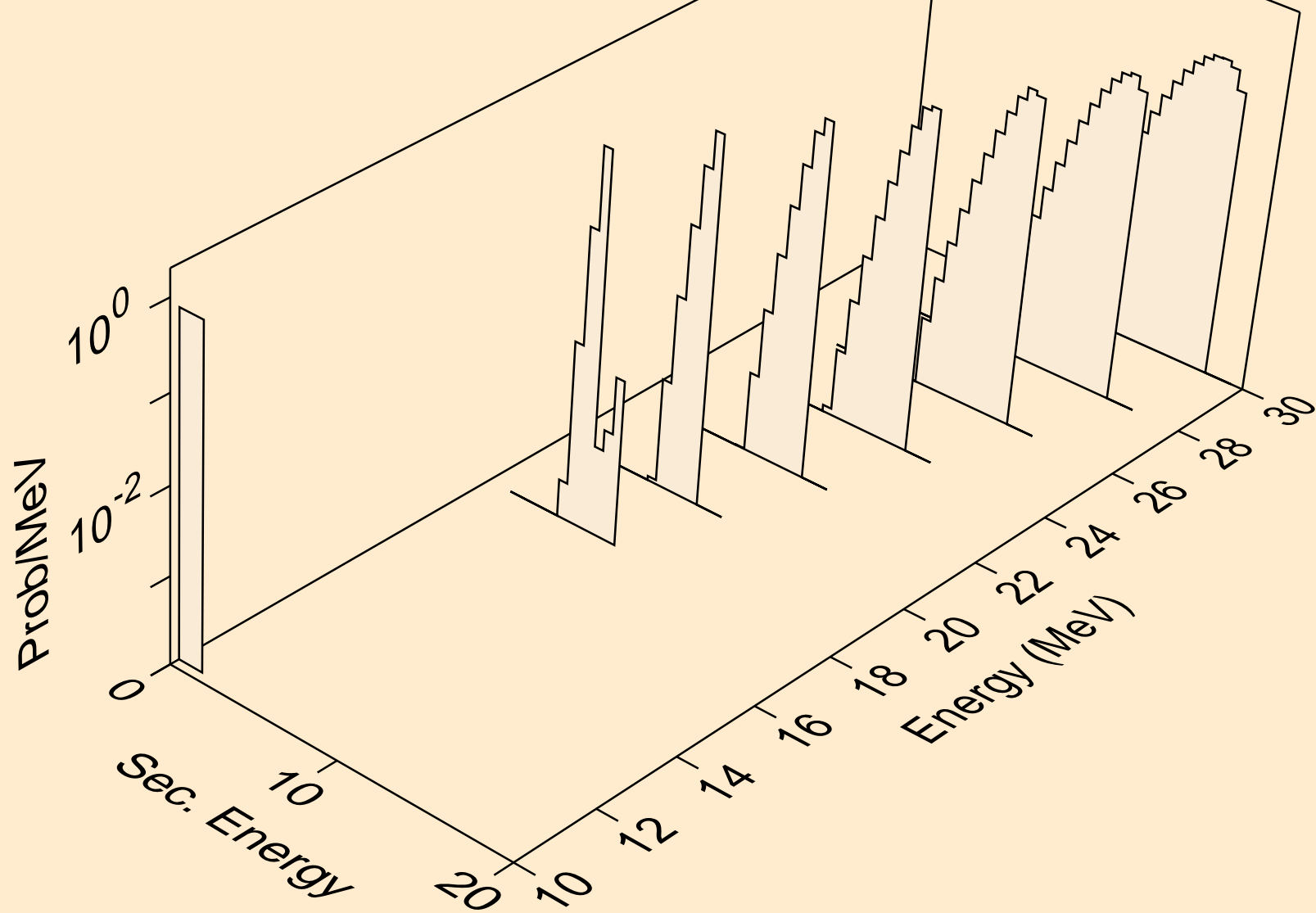
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

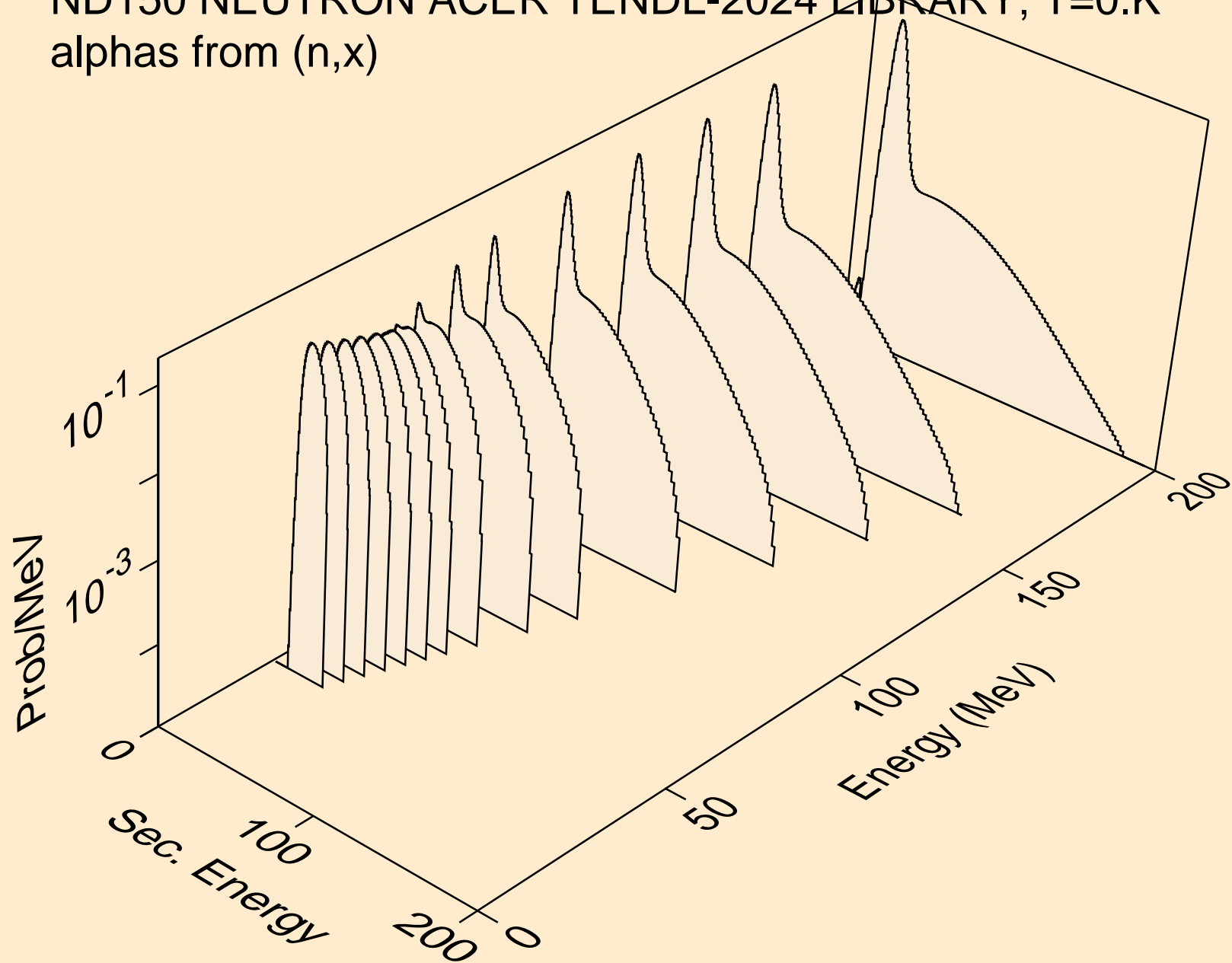


ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

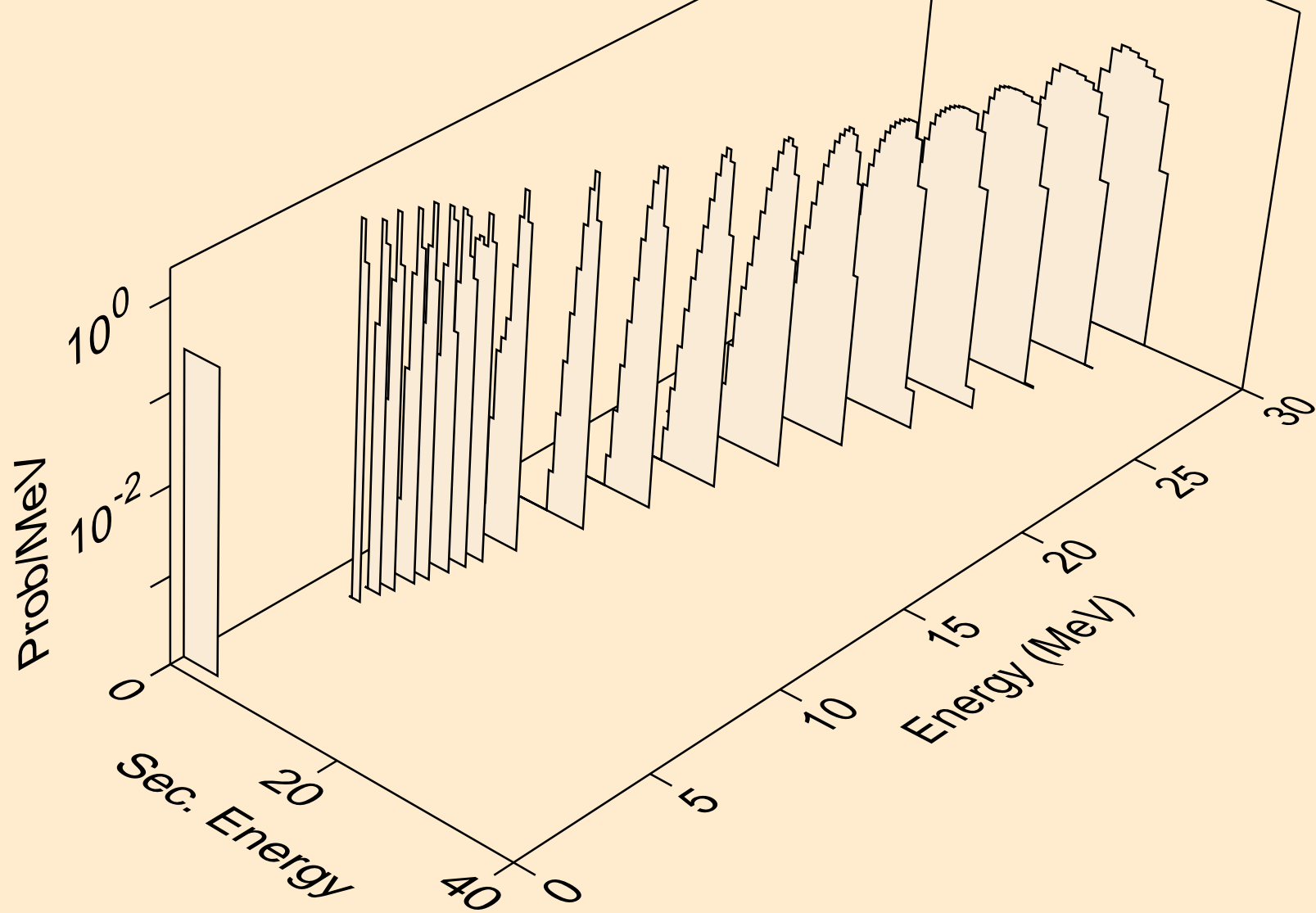




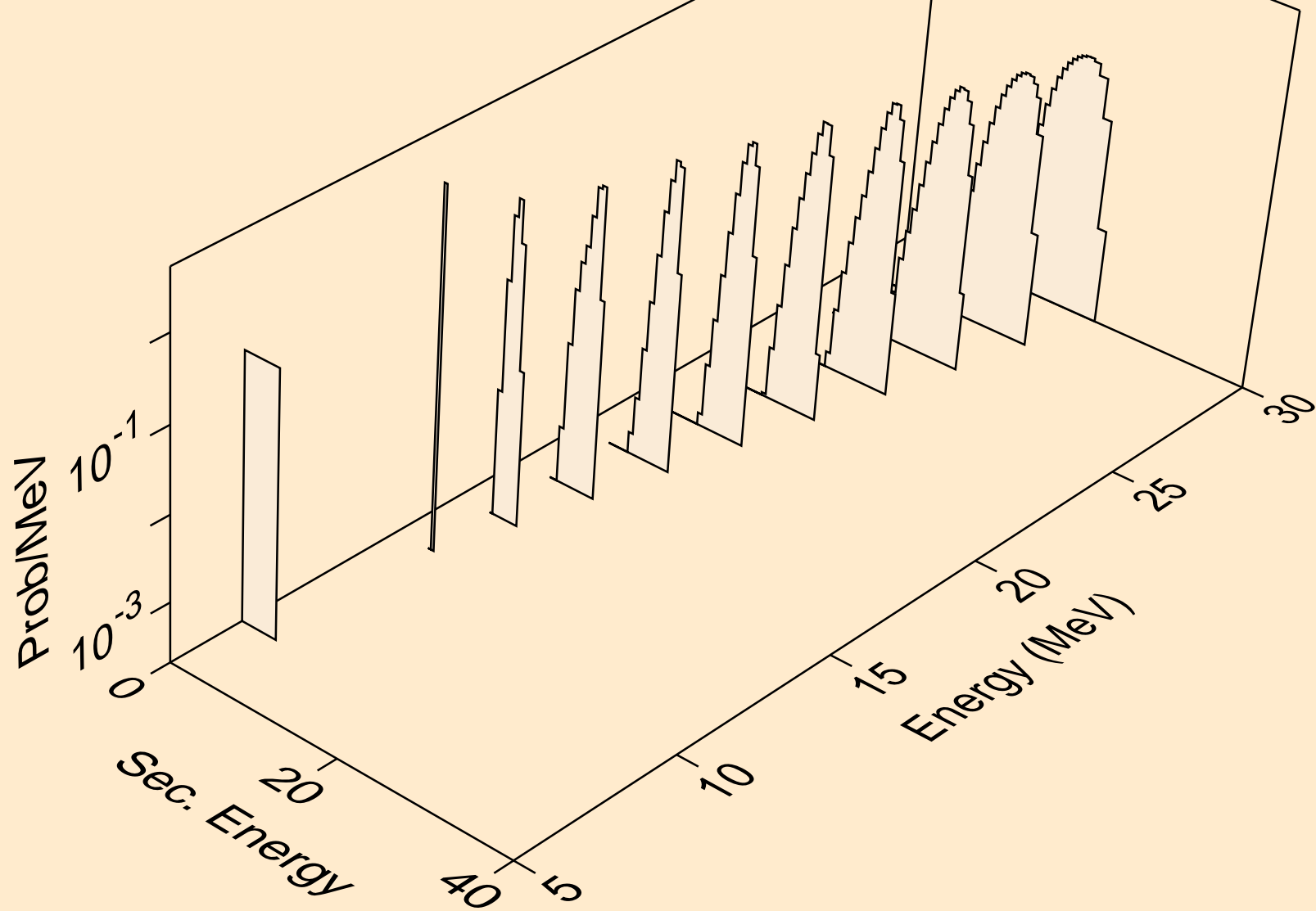
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



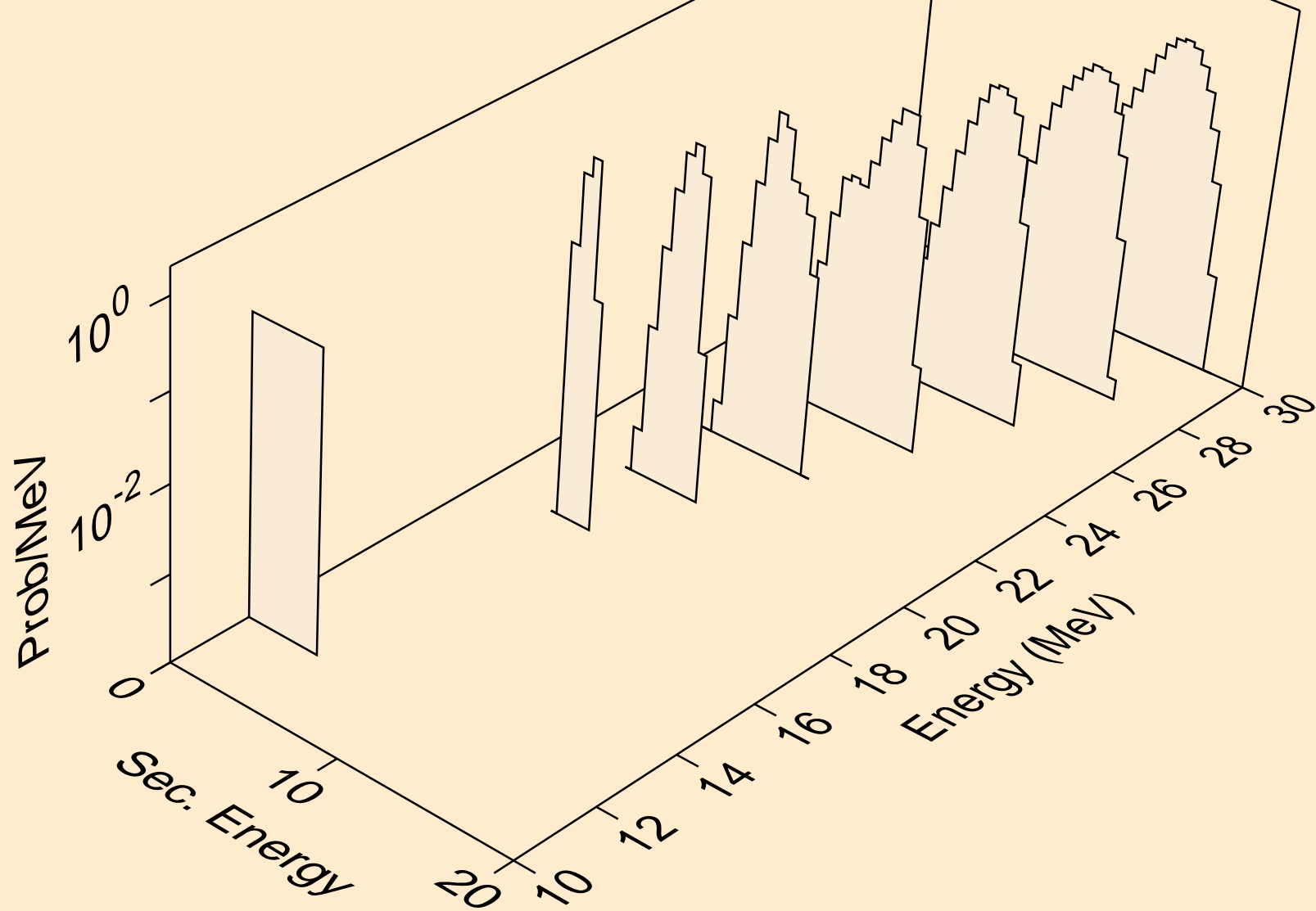
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



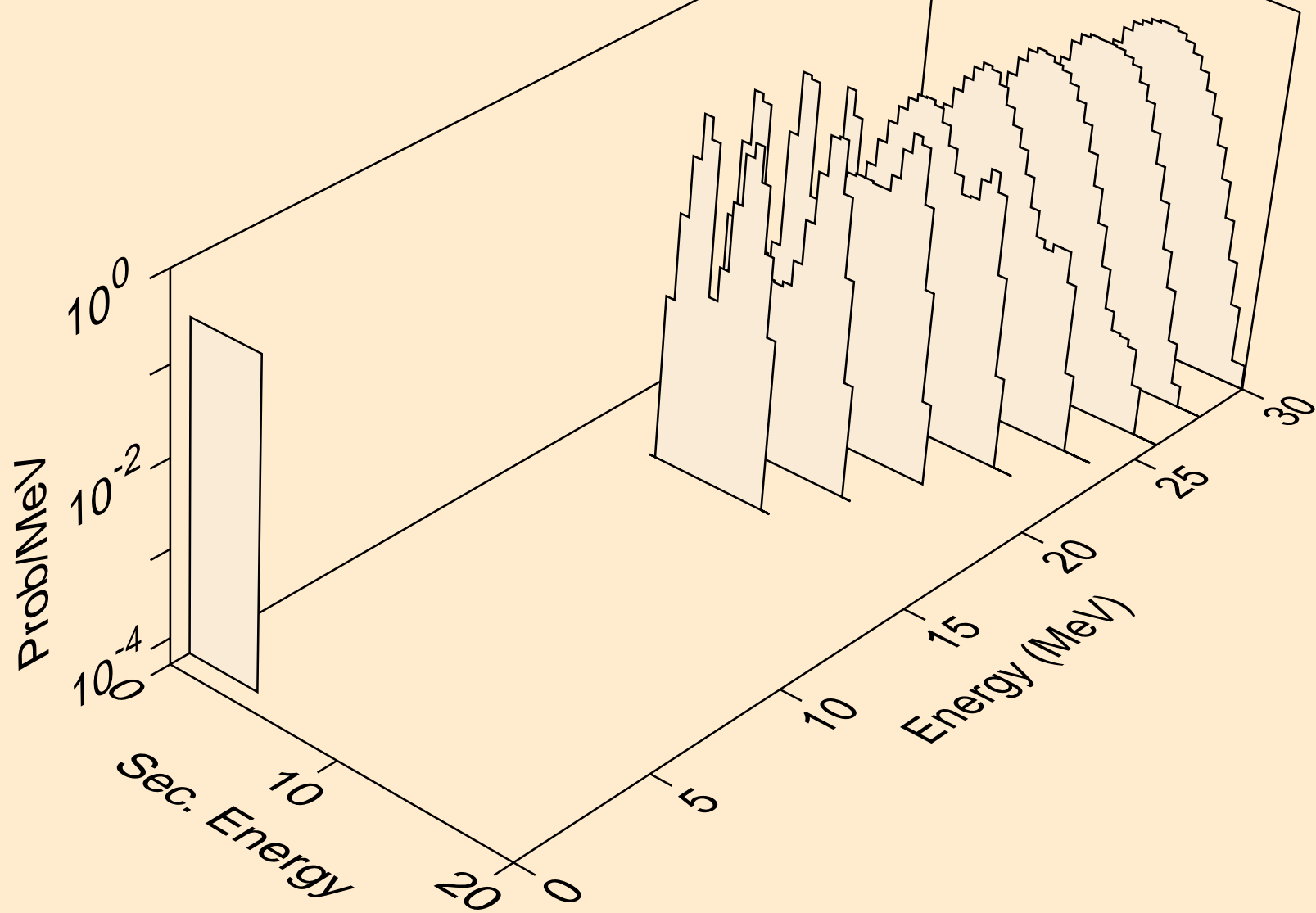
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



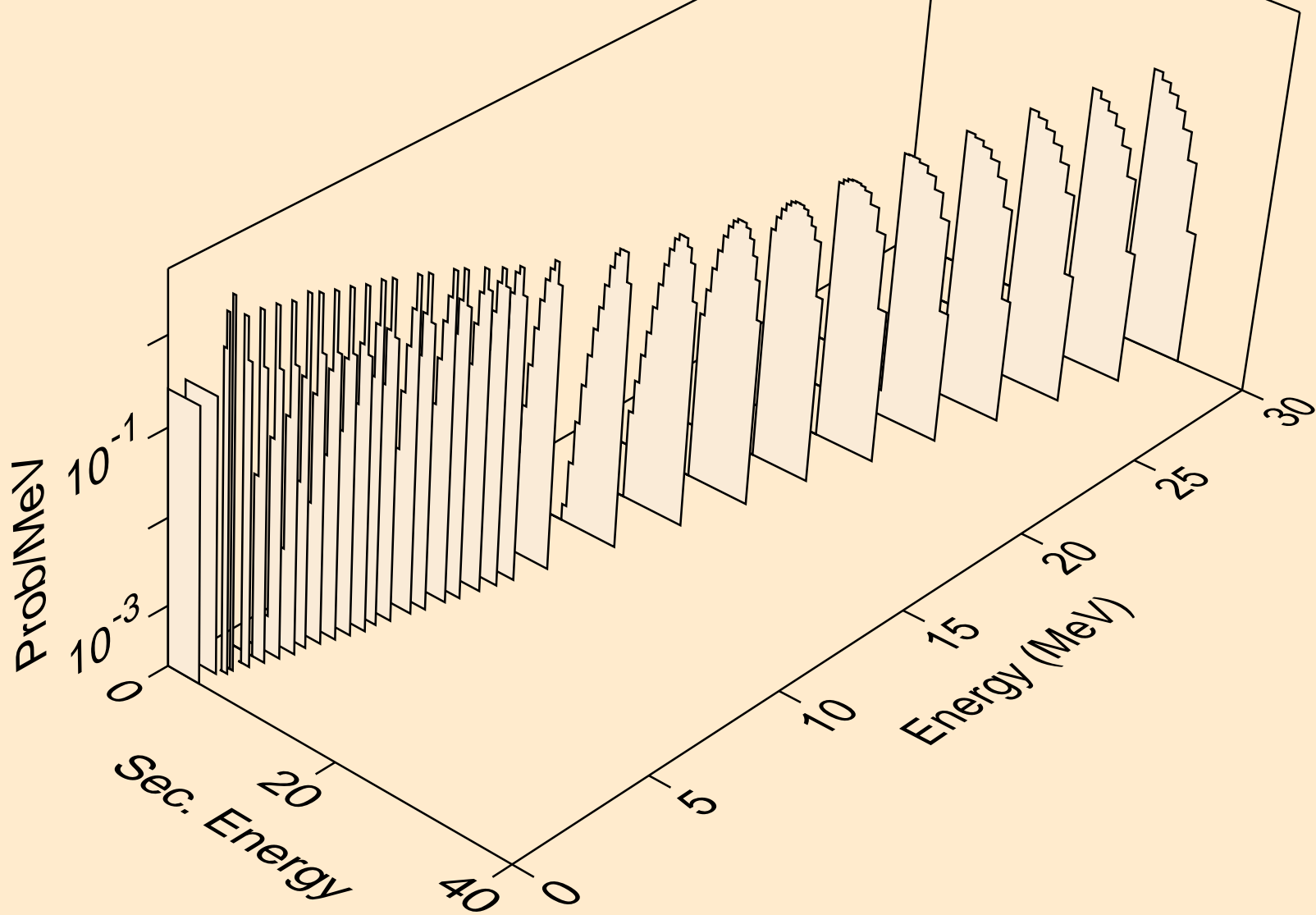
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



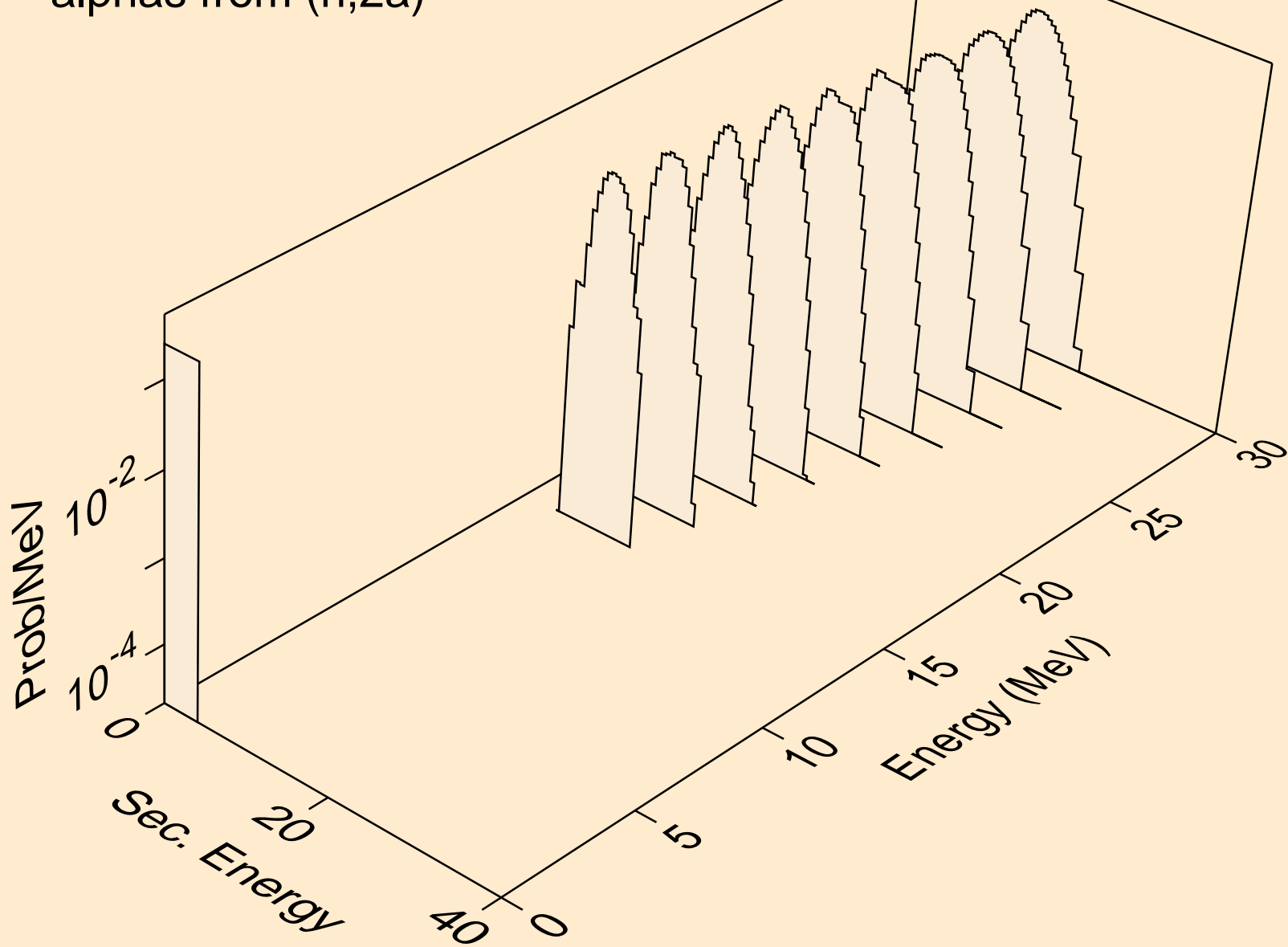
ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ND150 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

