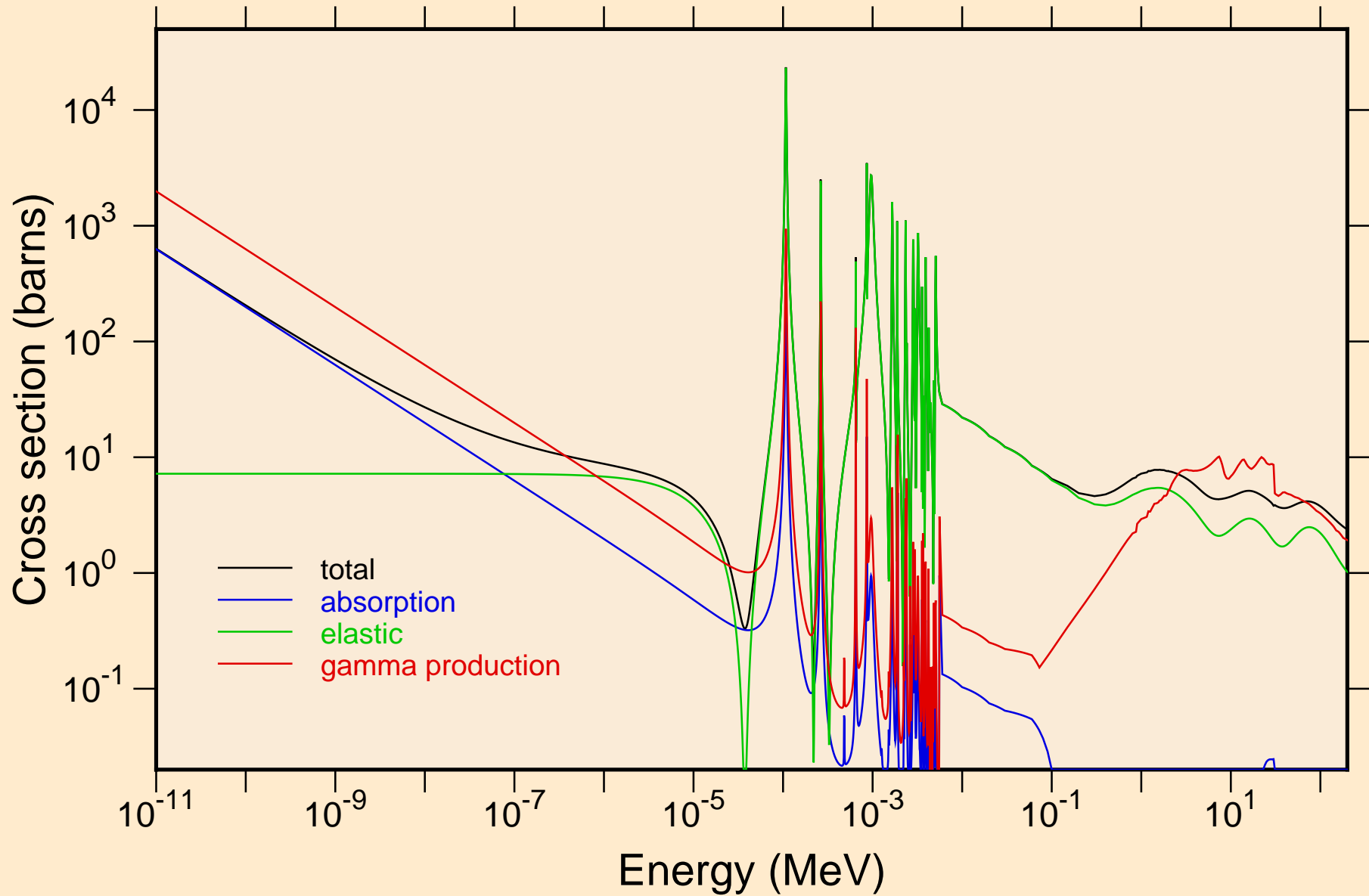
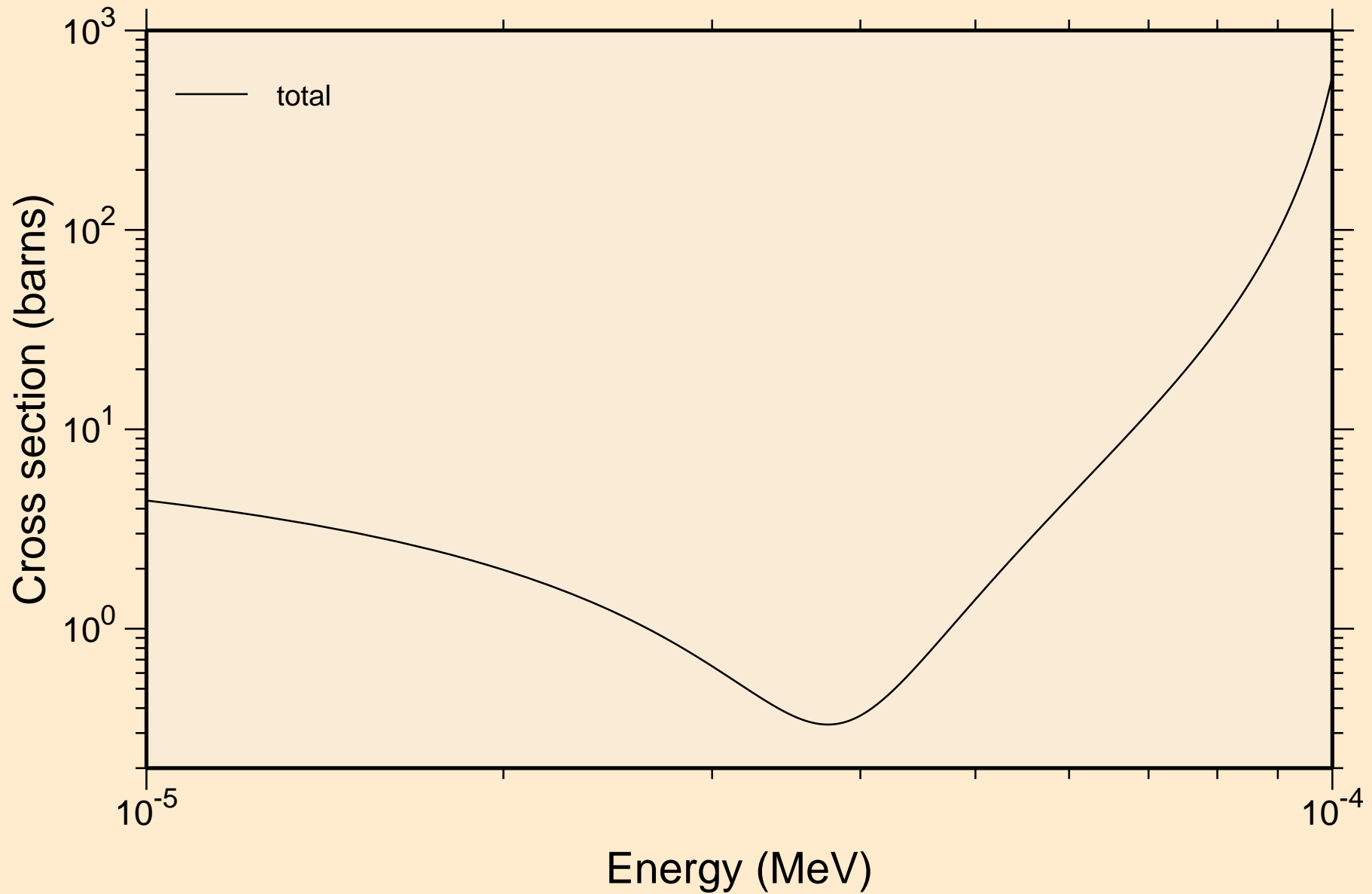


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

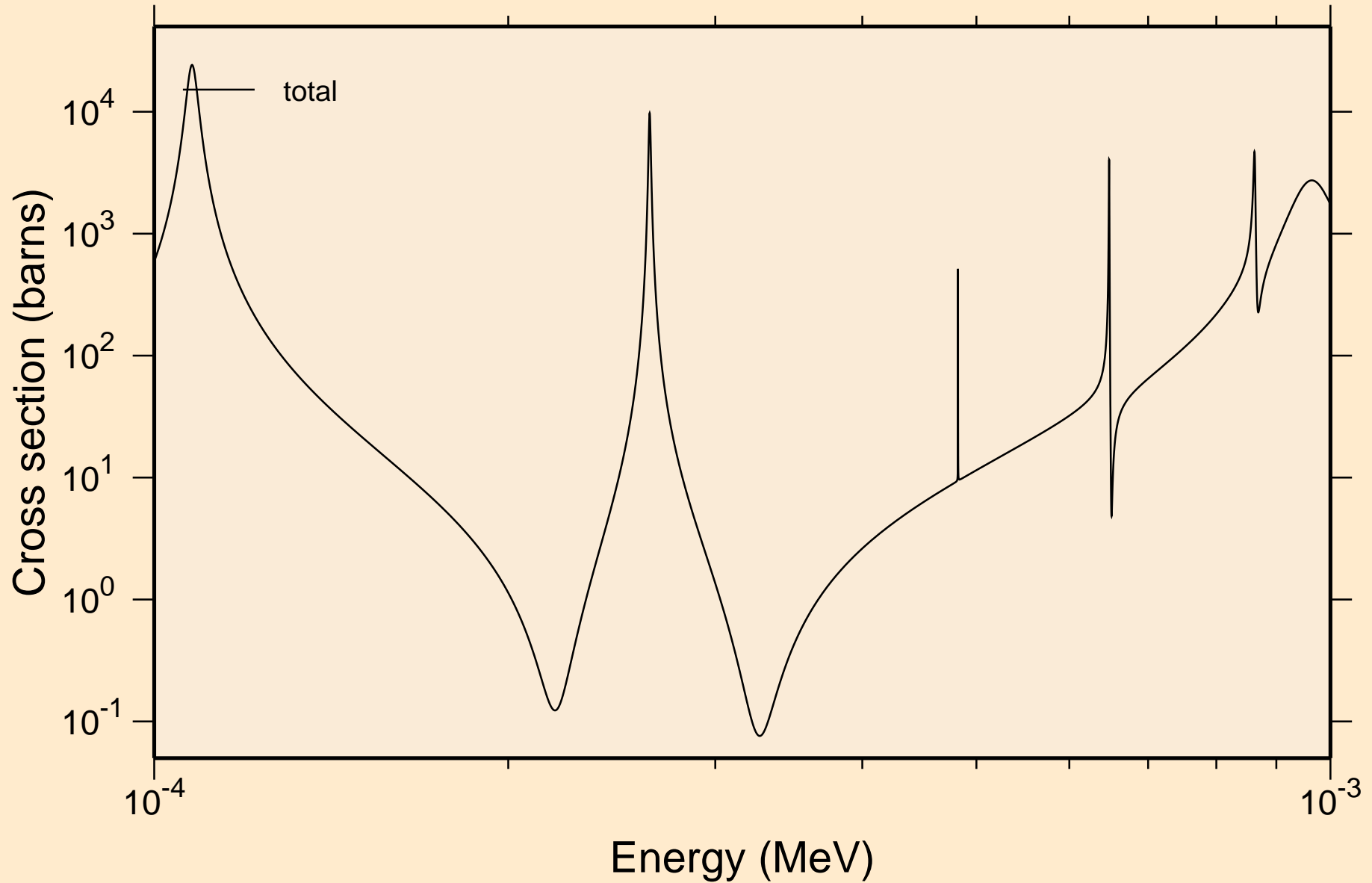
## Principal cross sections



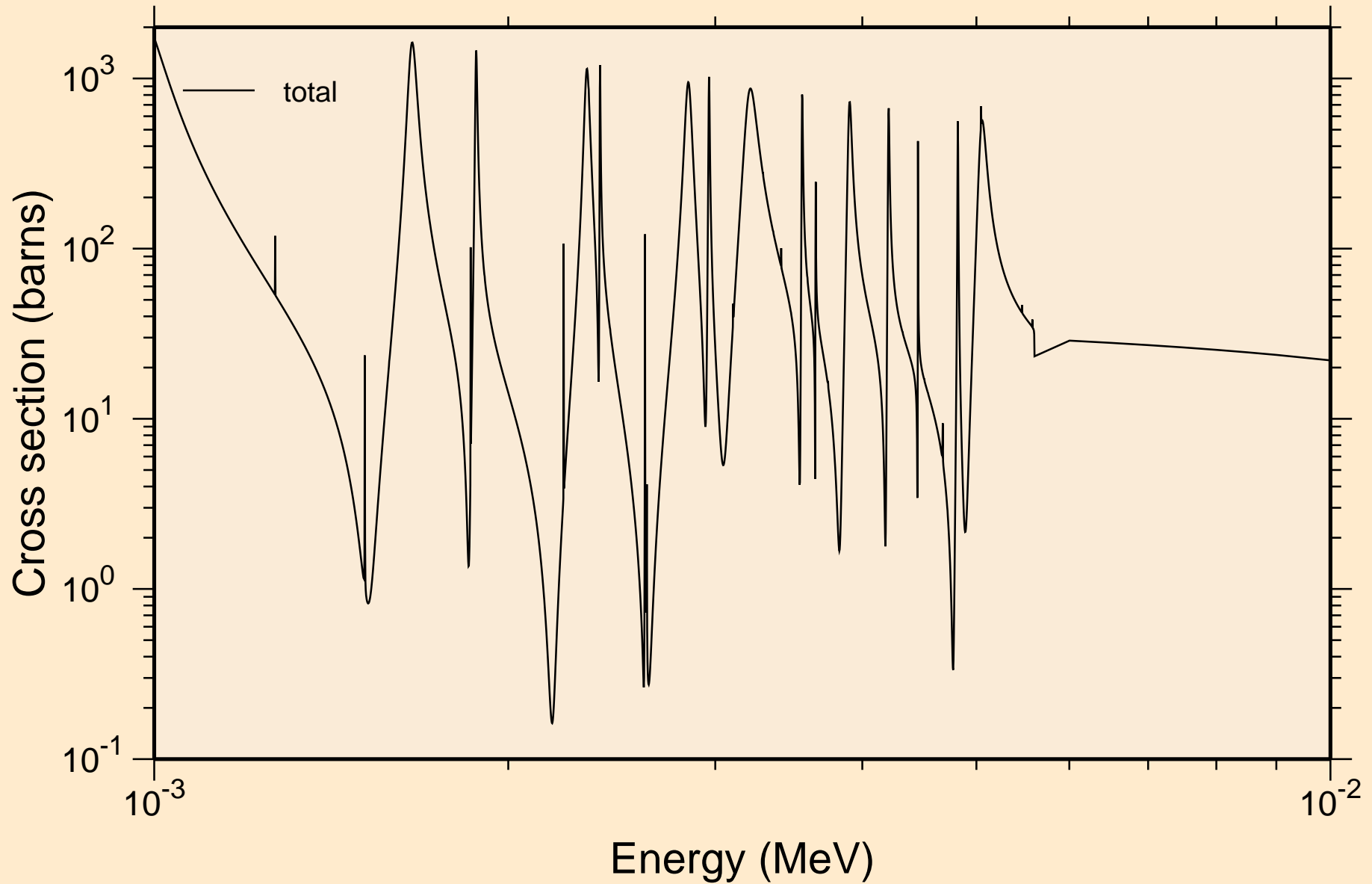
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



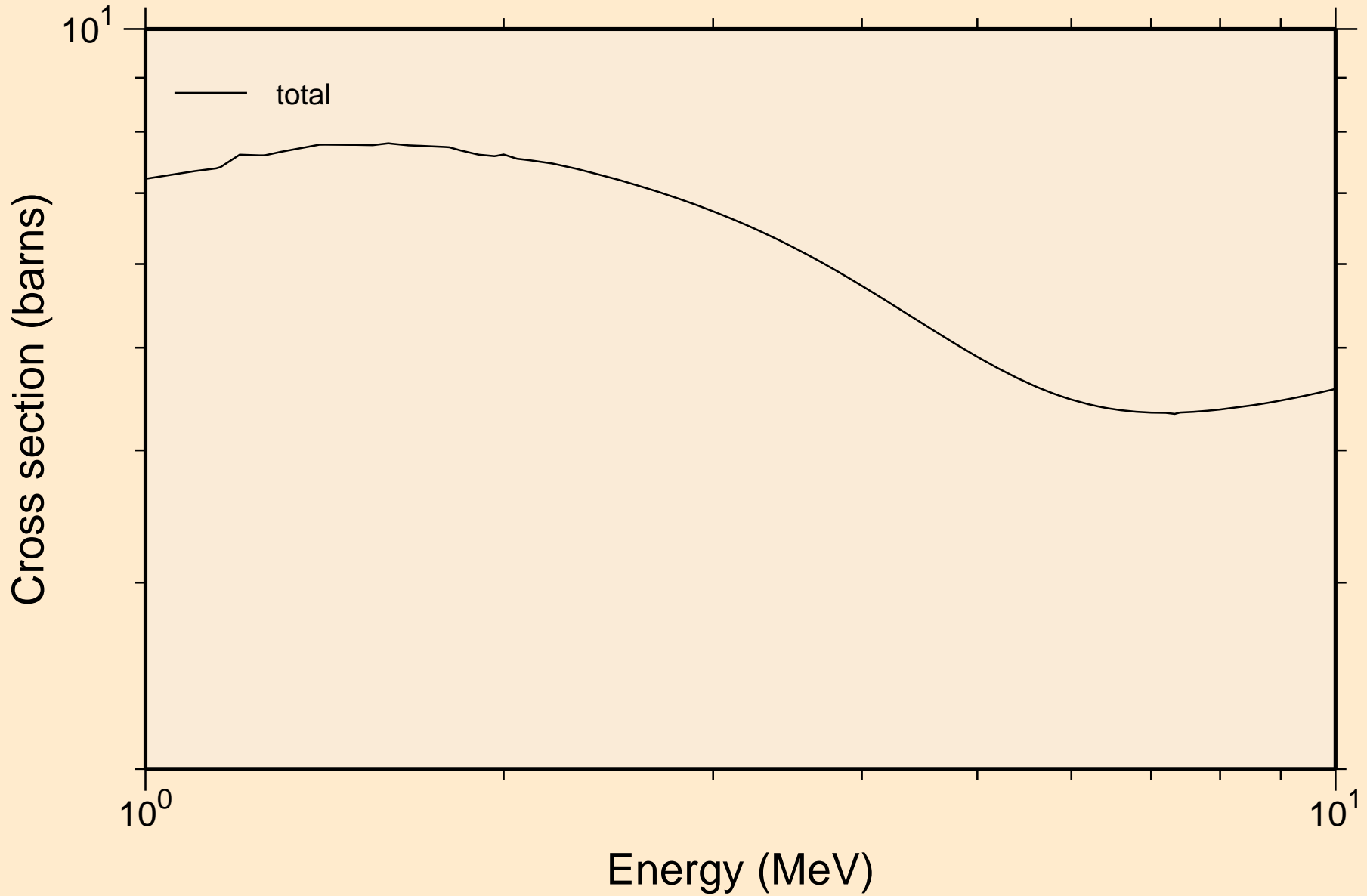
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



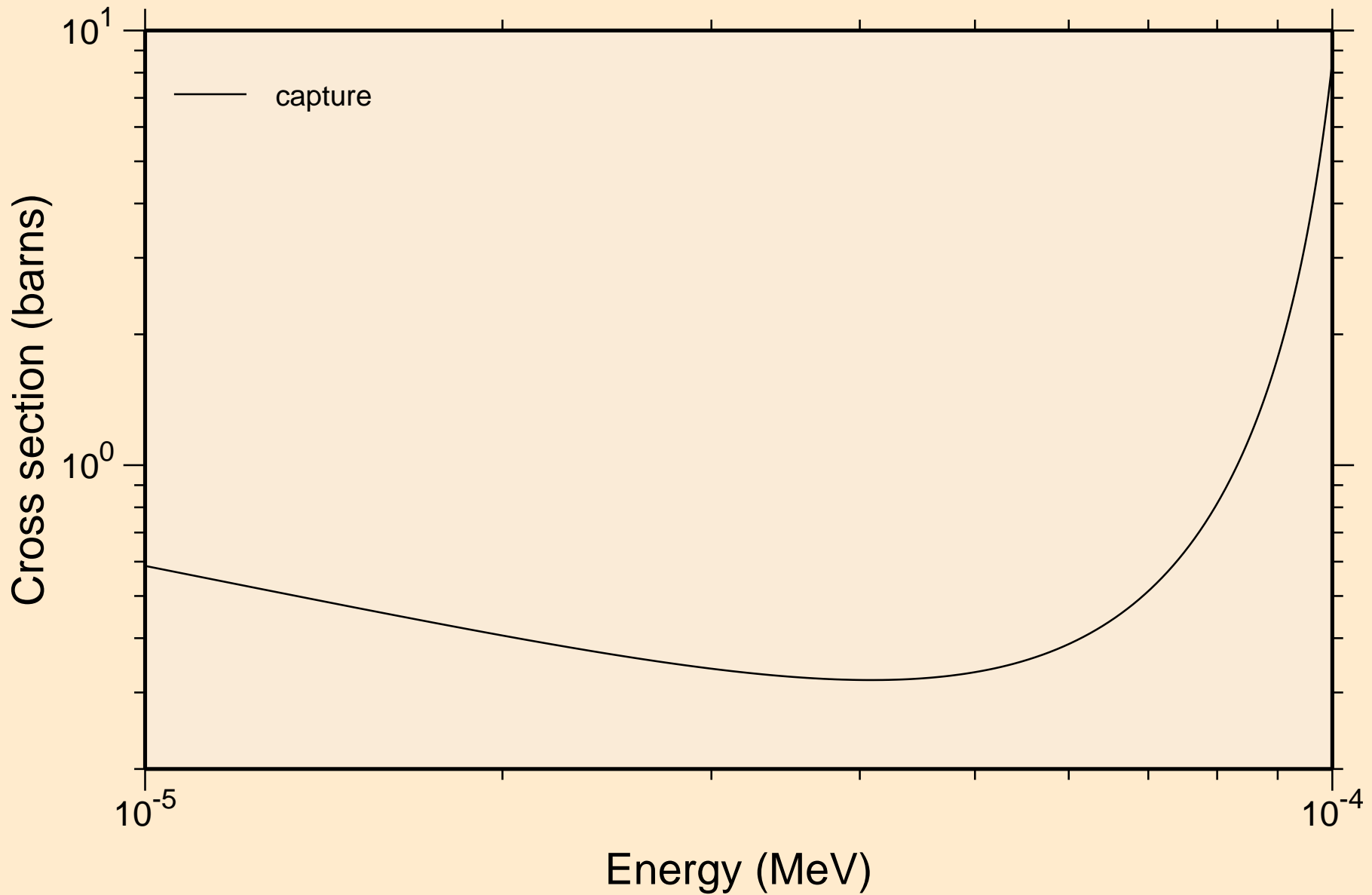
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



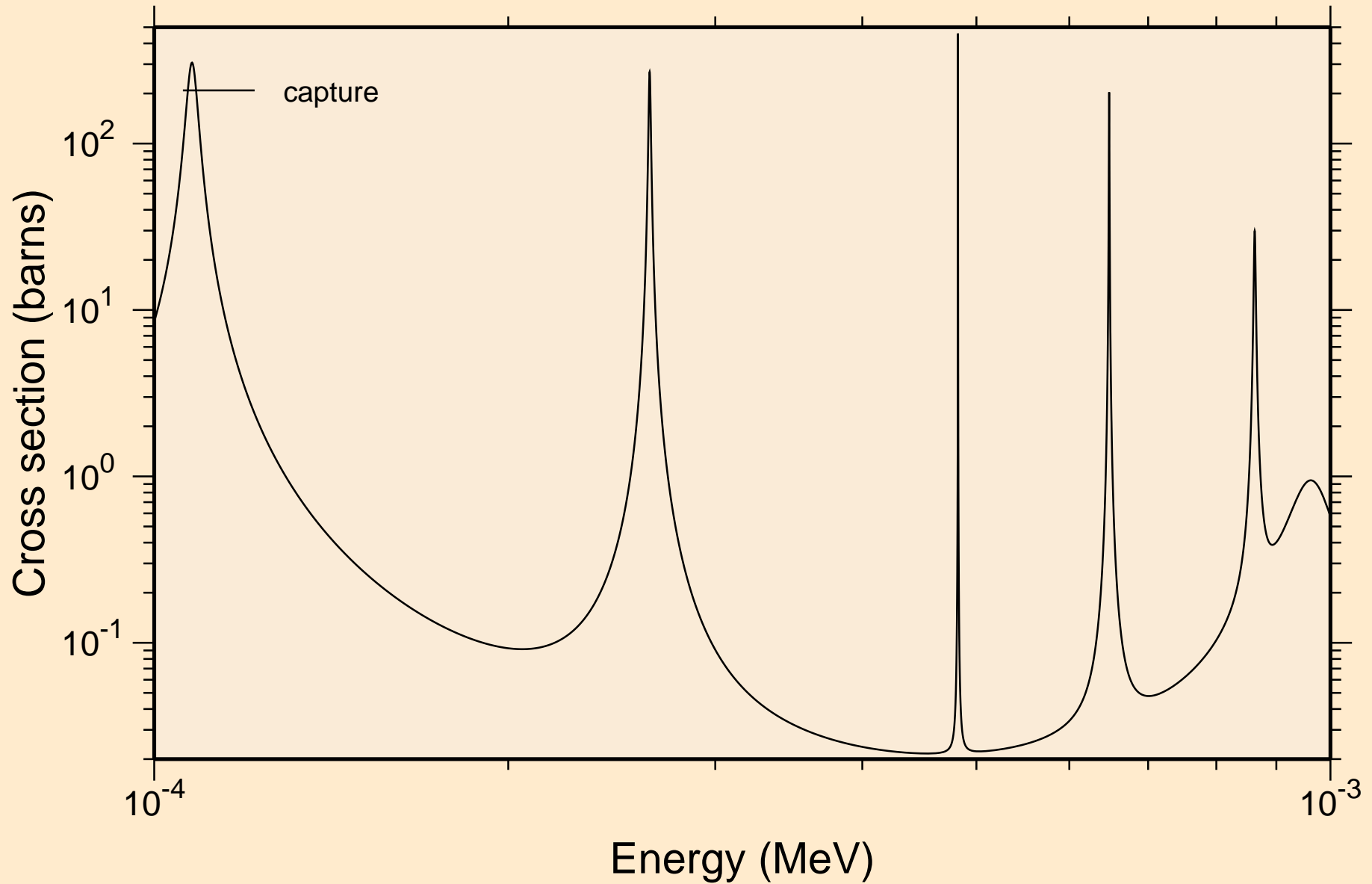
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

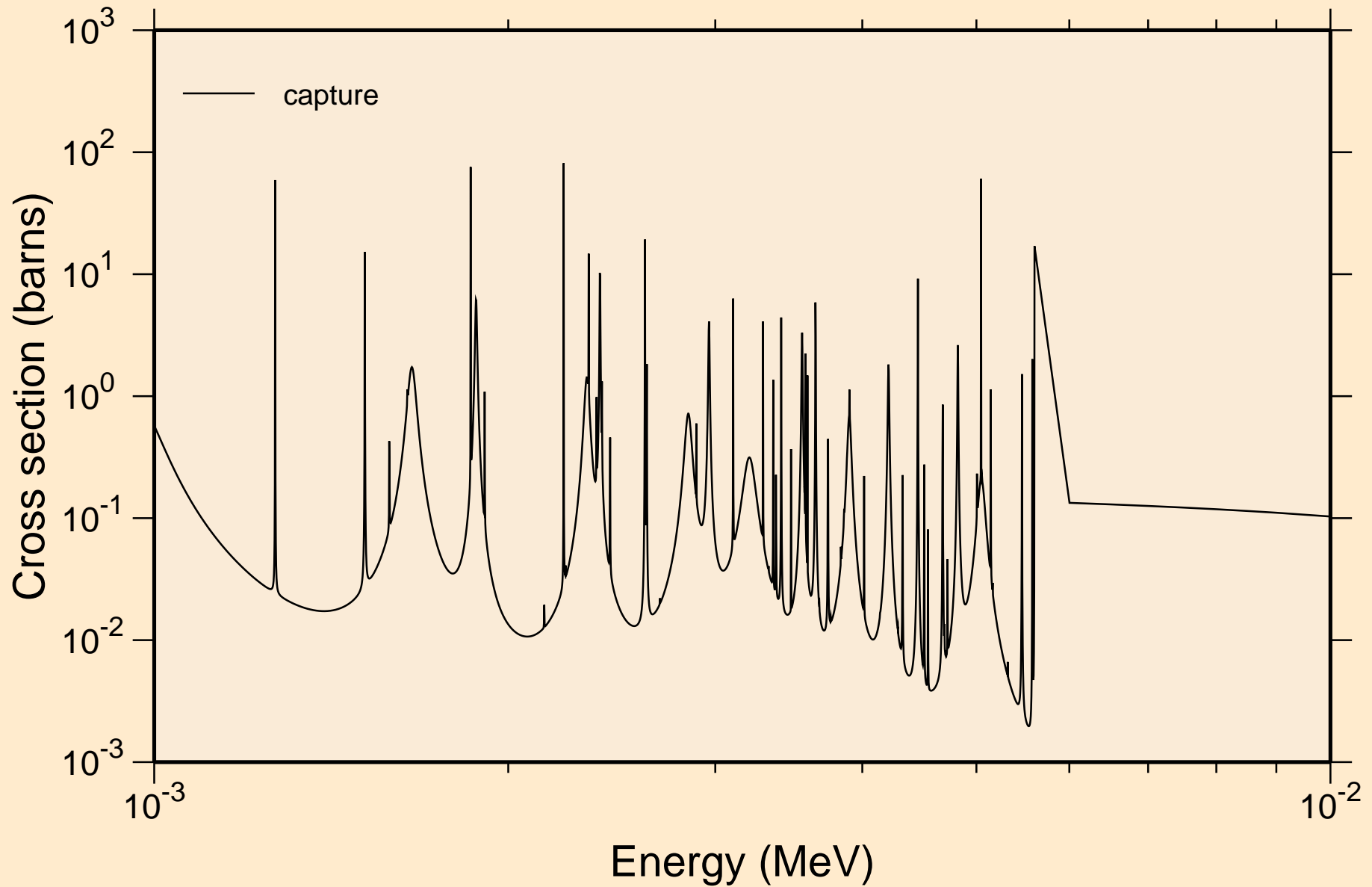


ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

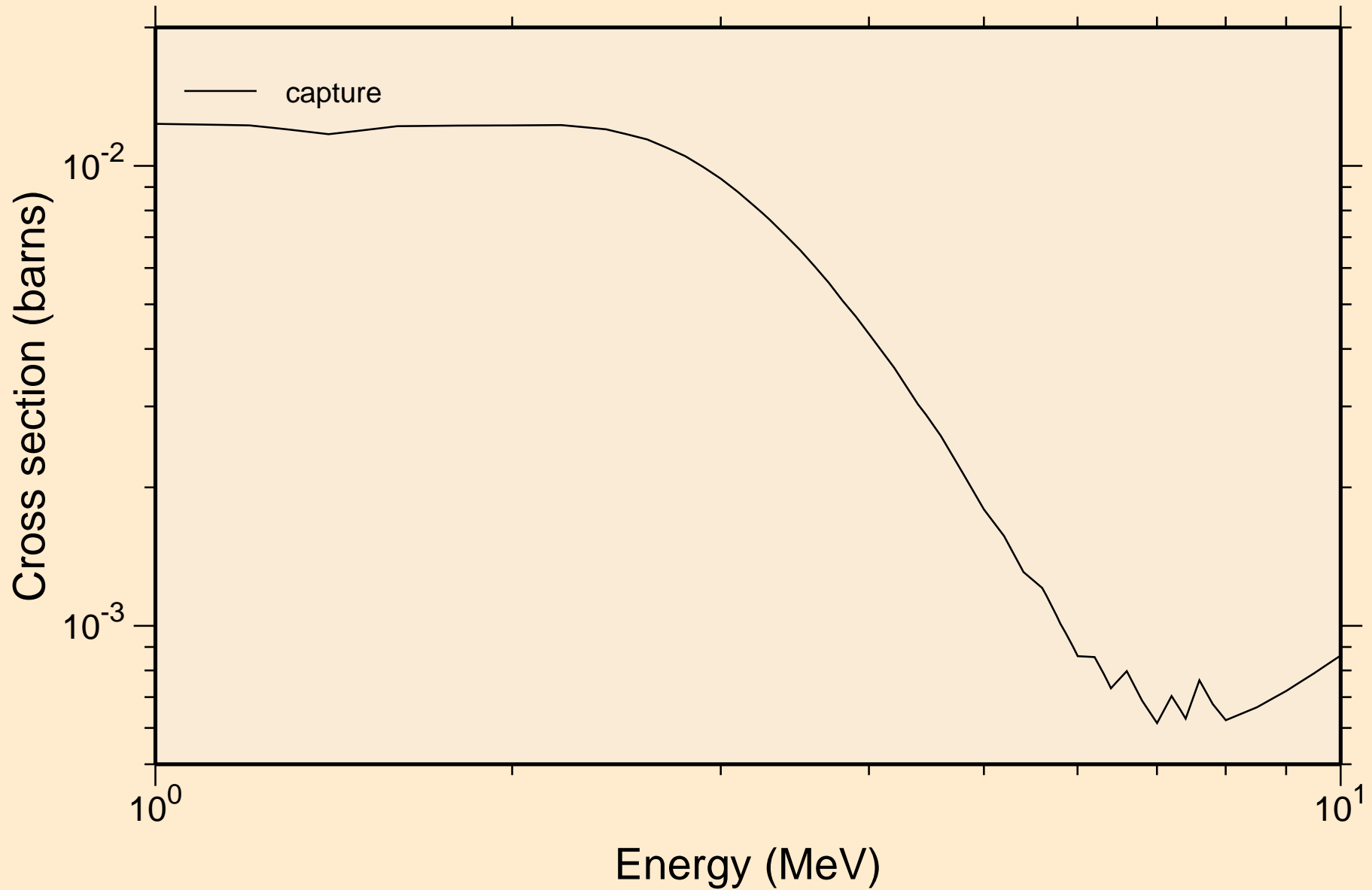


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

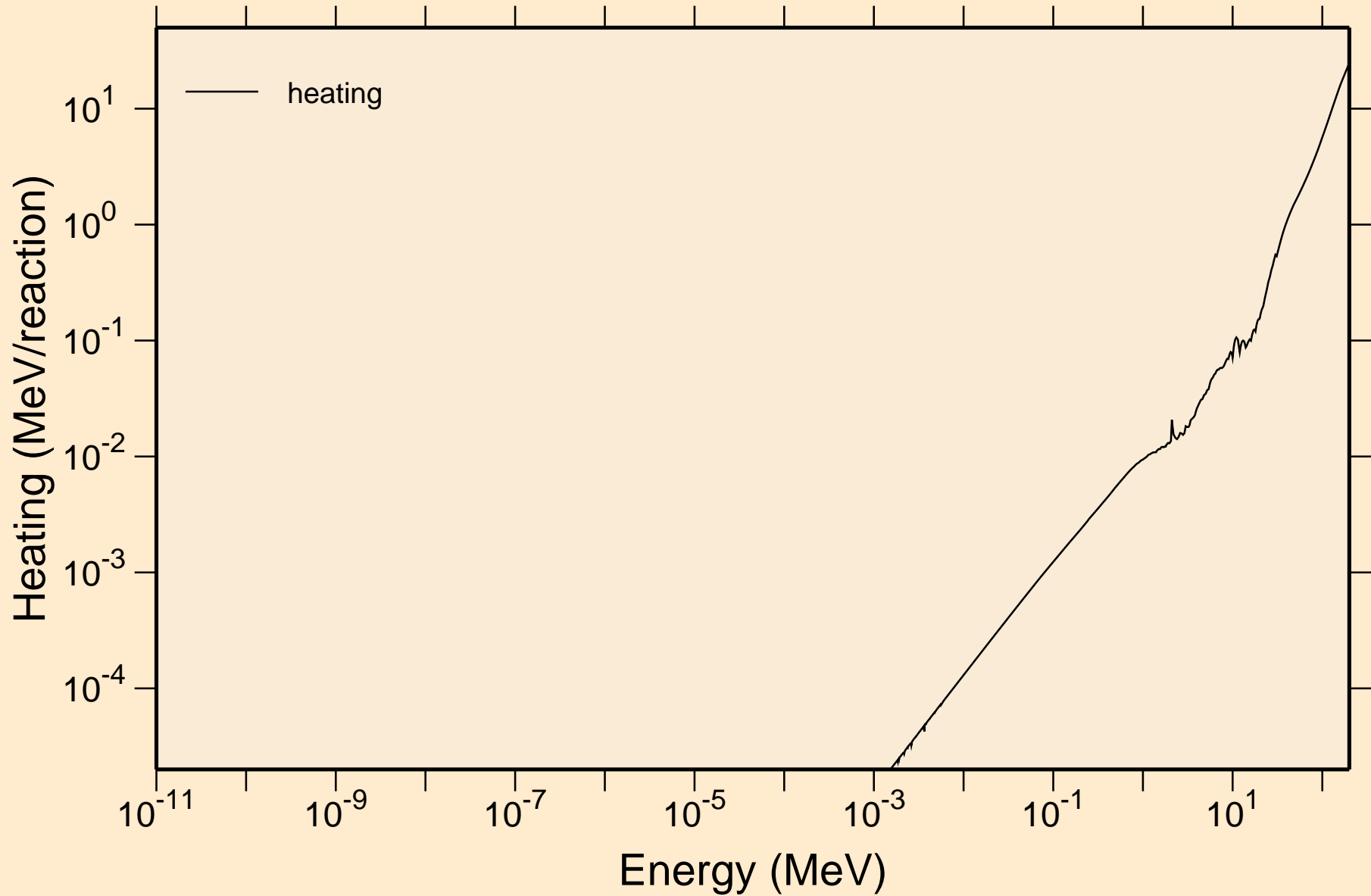
## resonance absorption cross sections



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

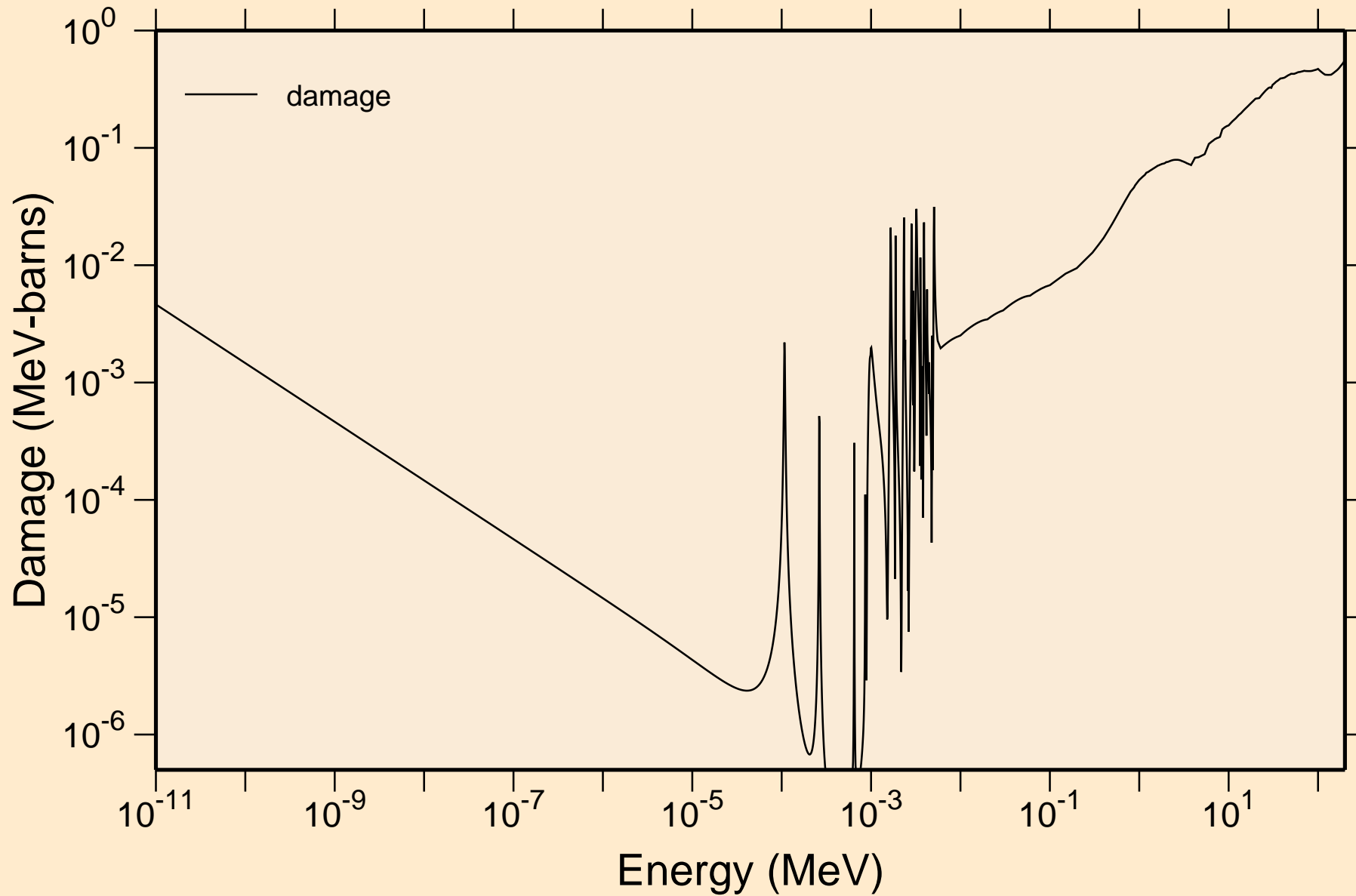


ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



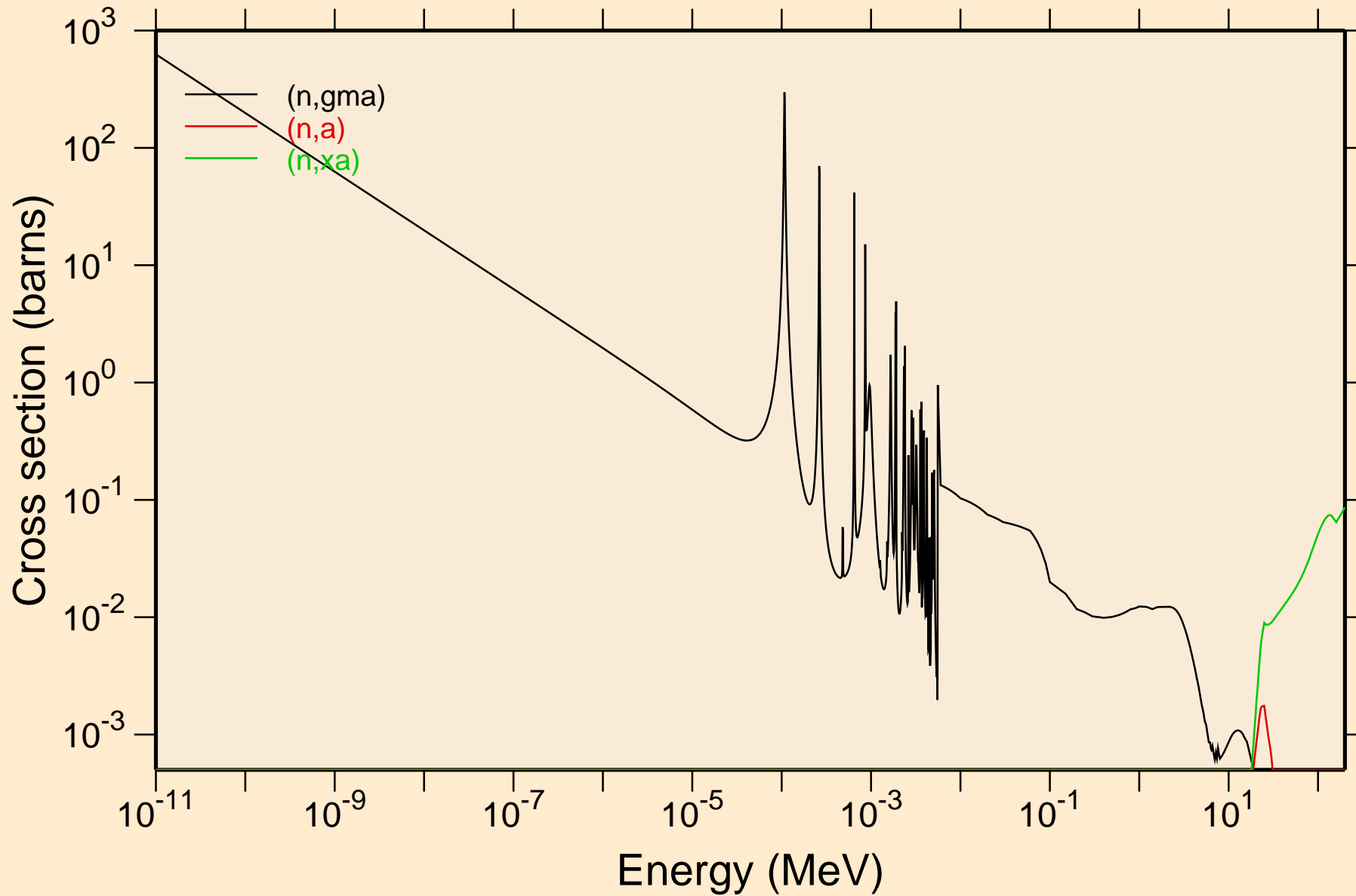
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



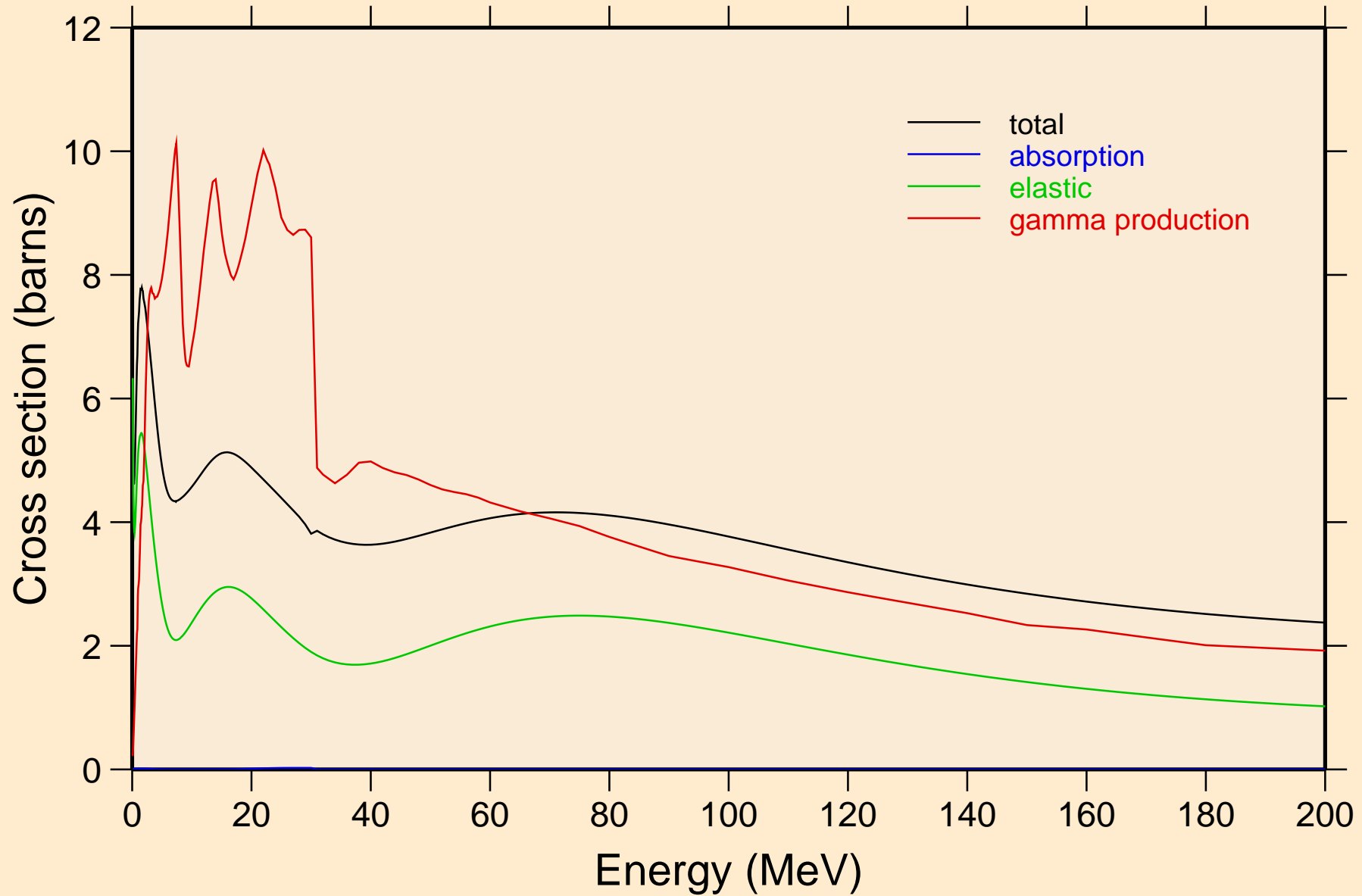
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



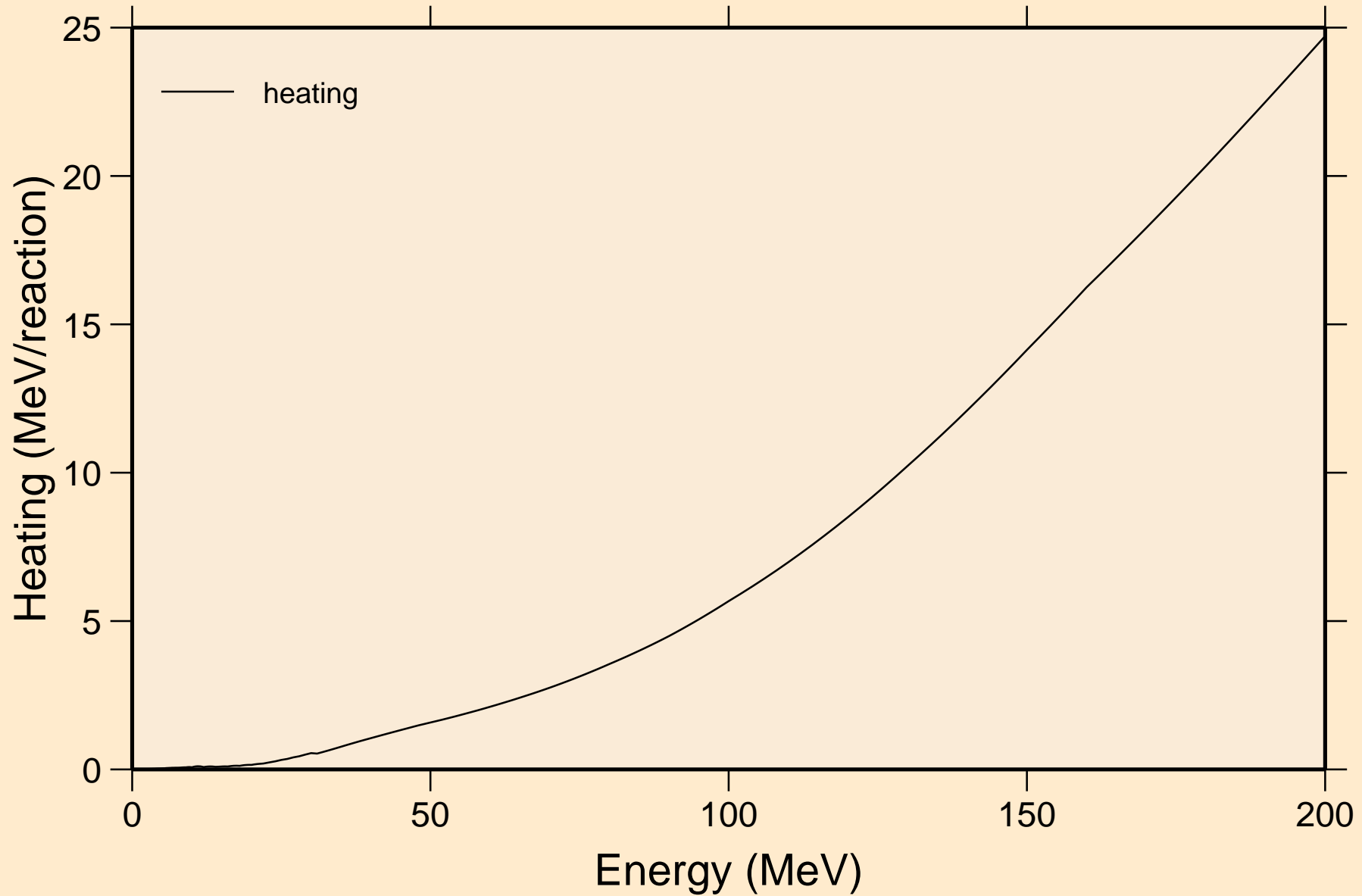
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



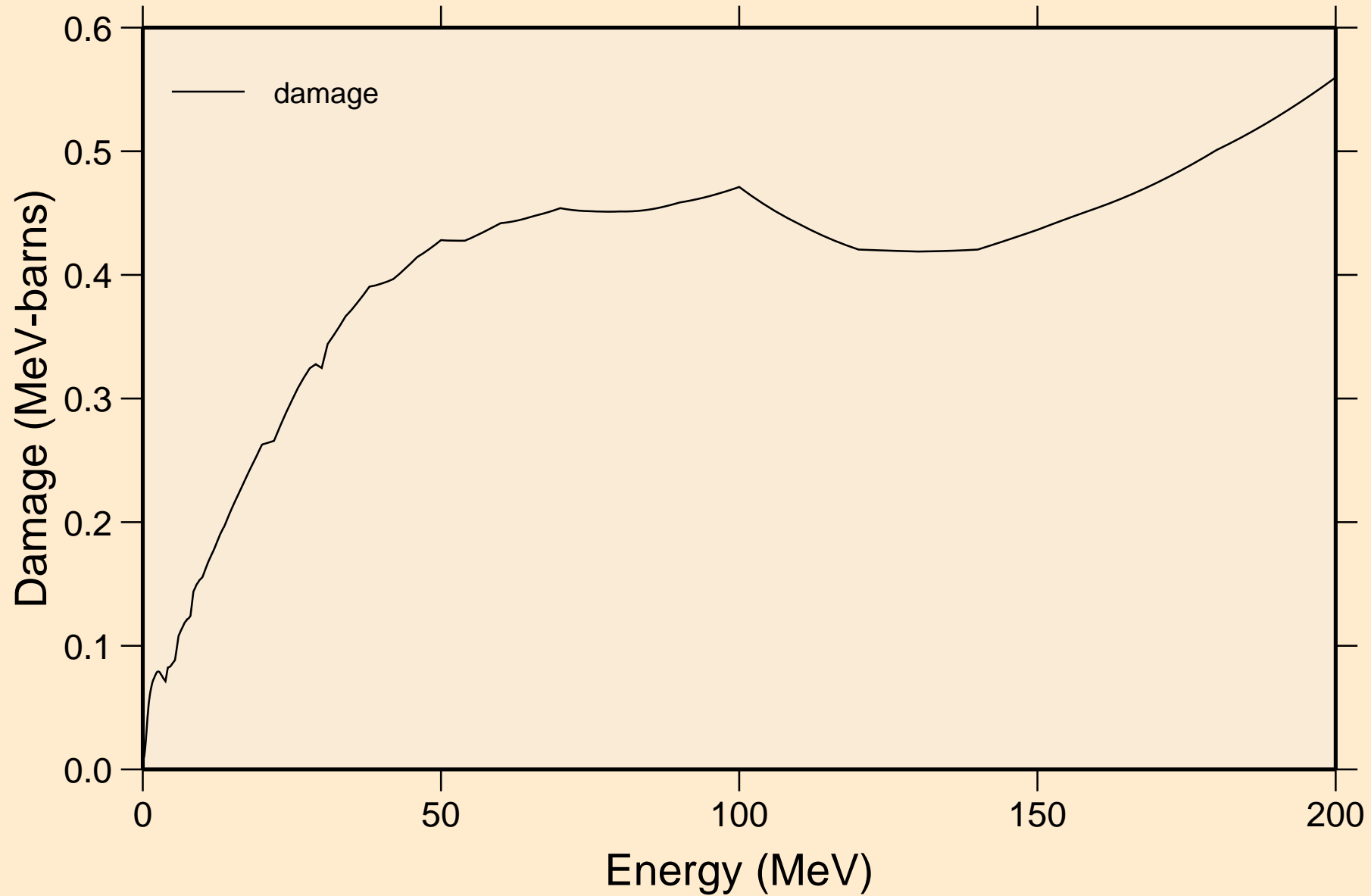
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



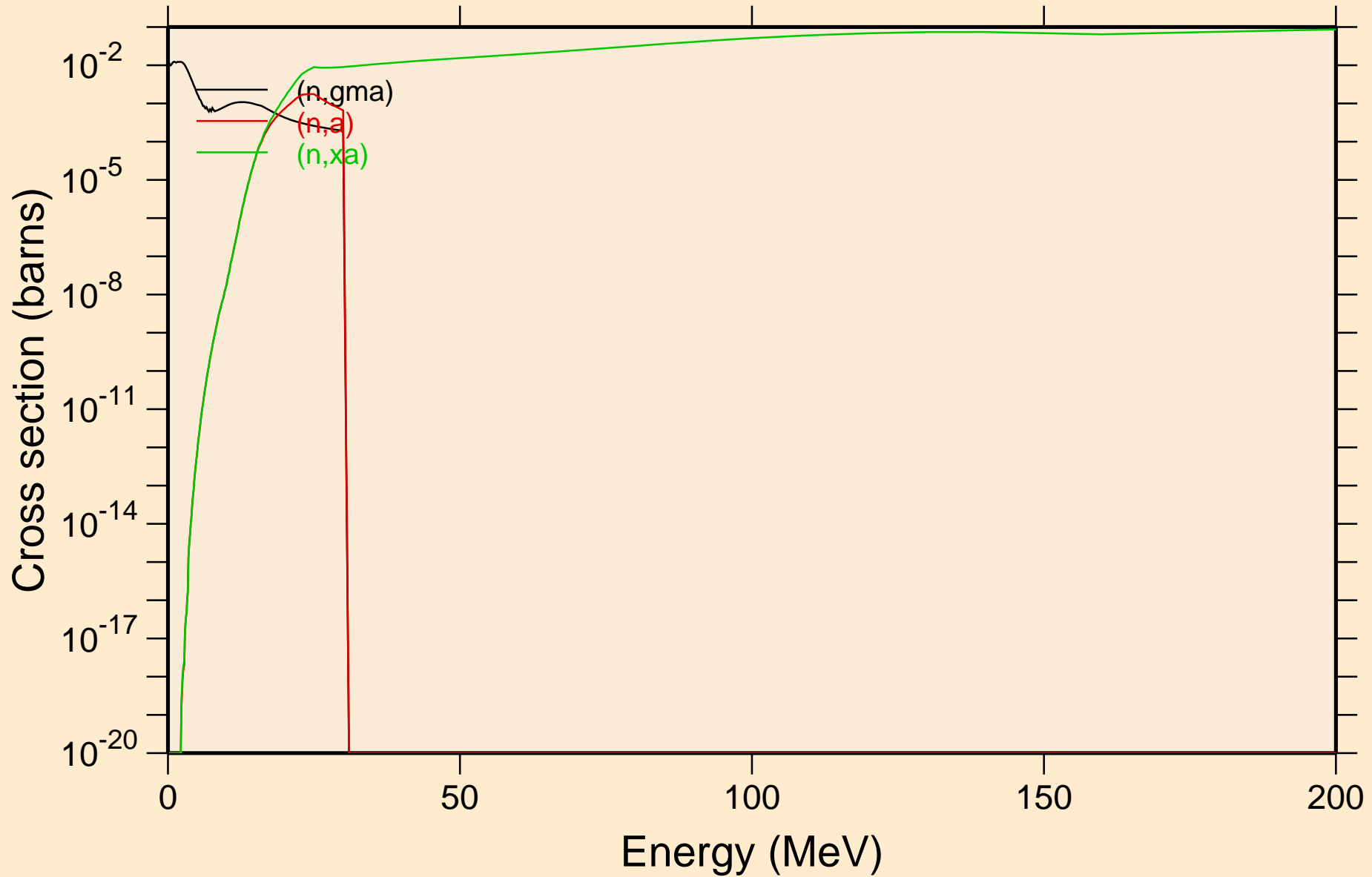
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



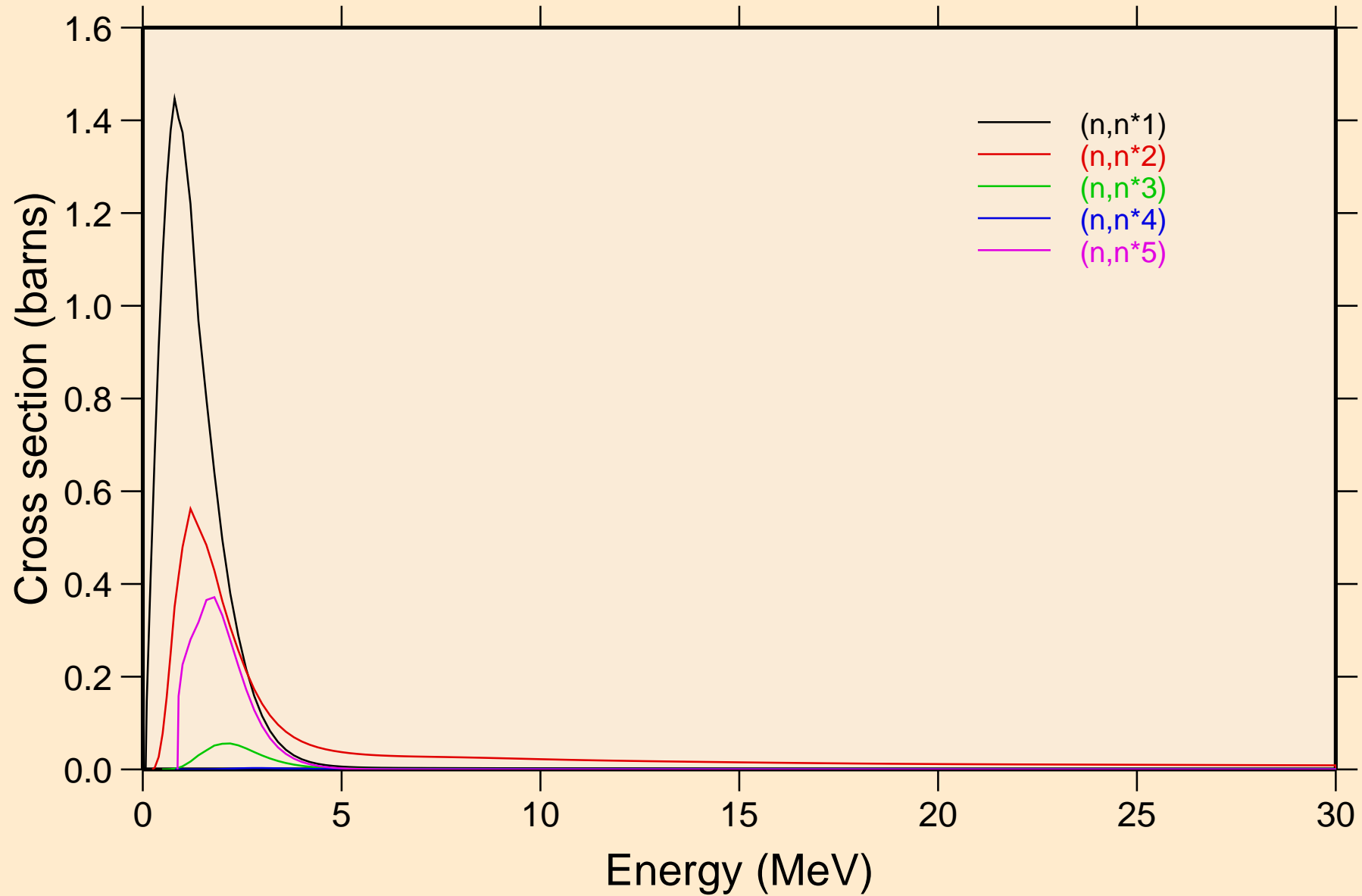
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



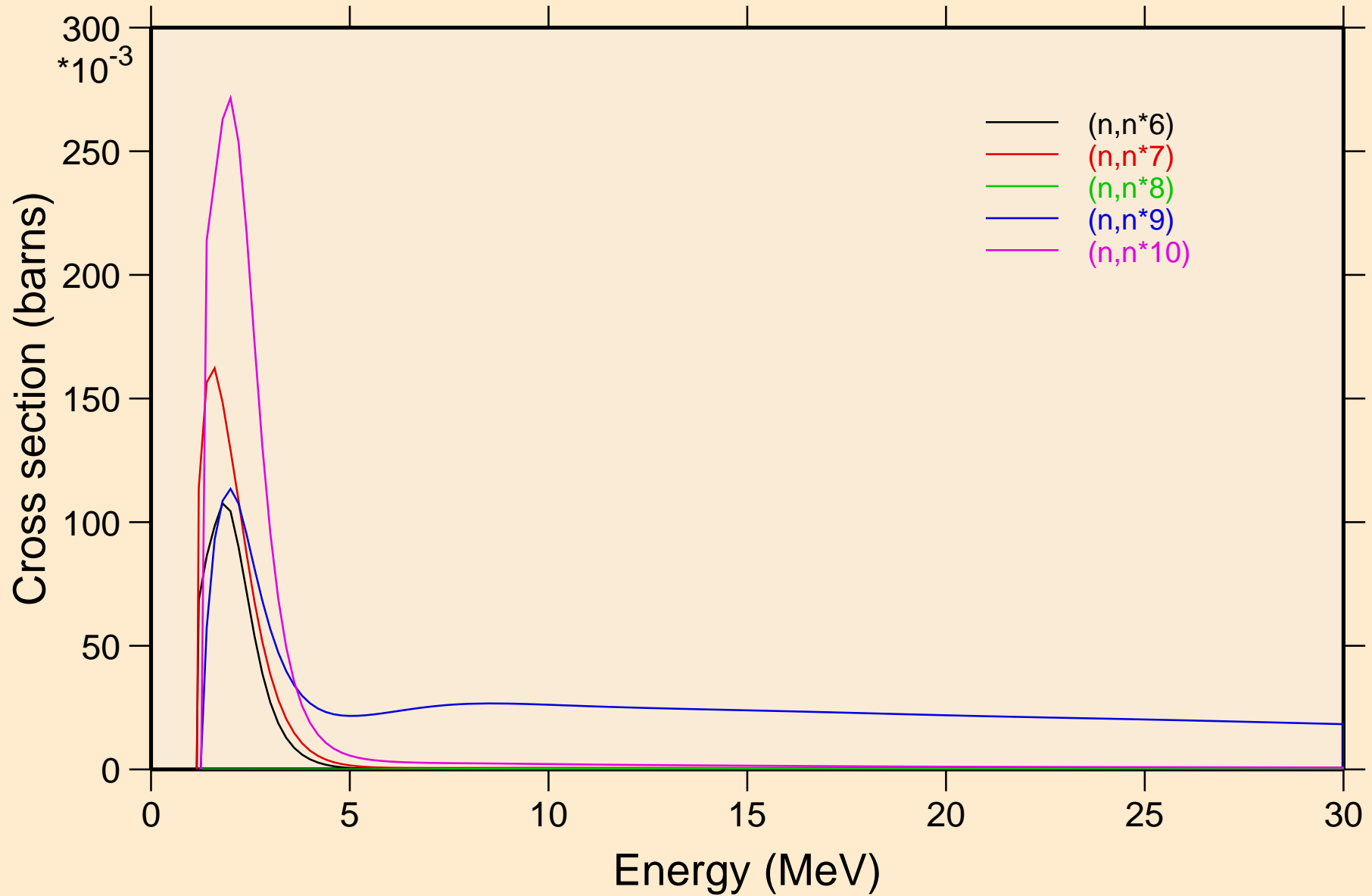
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



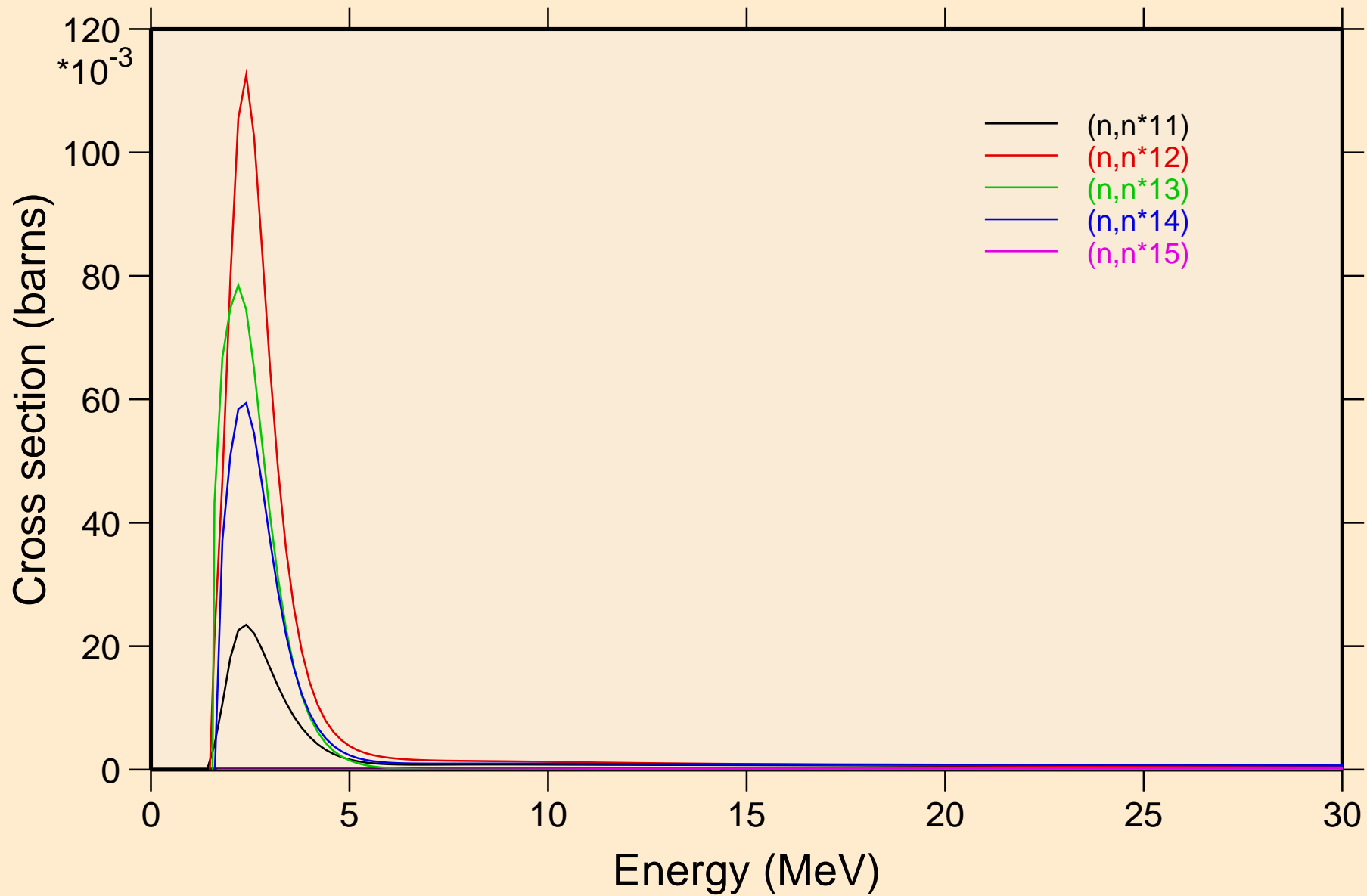
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



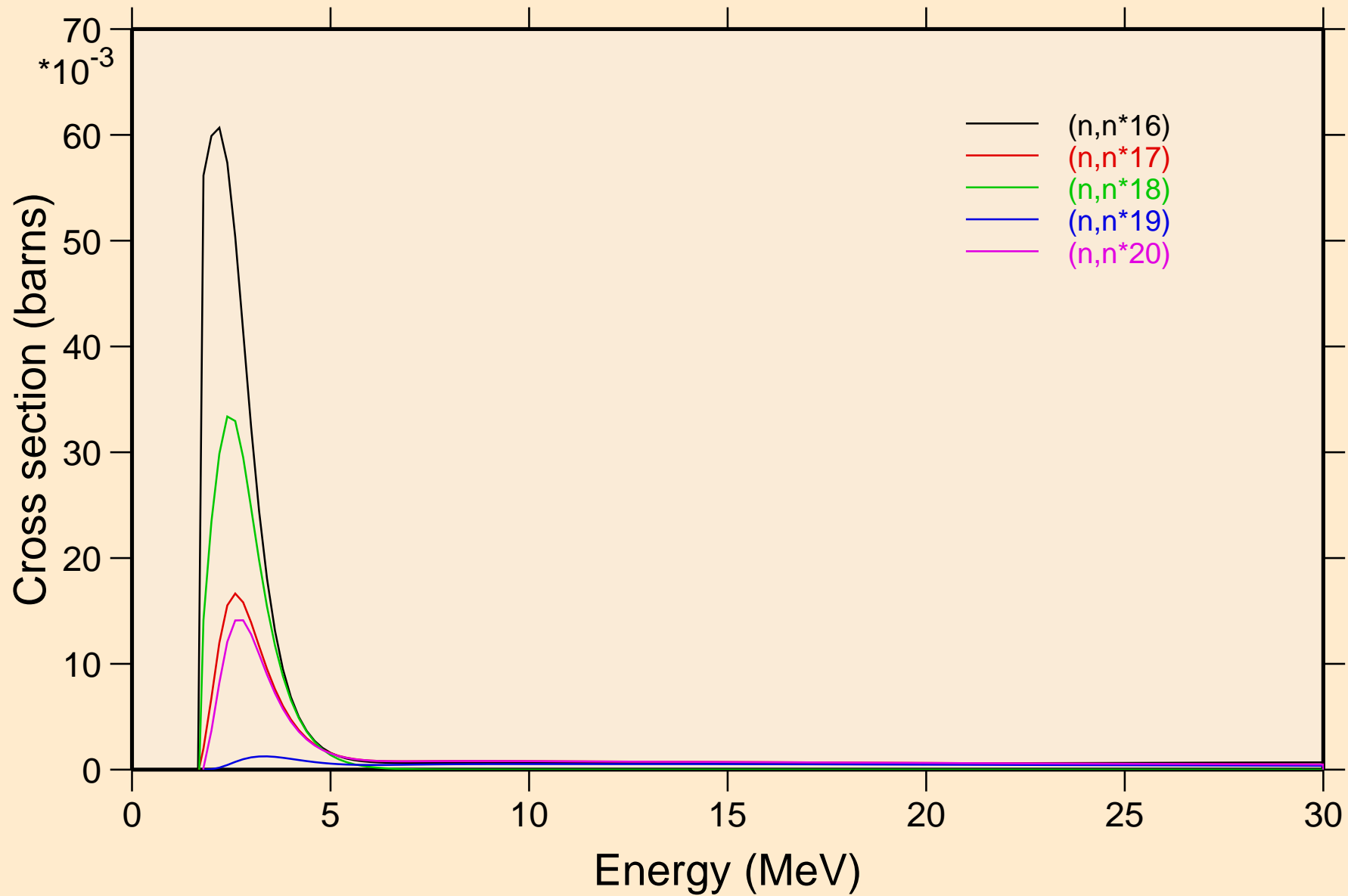
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

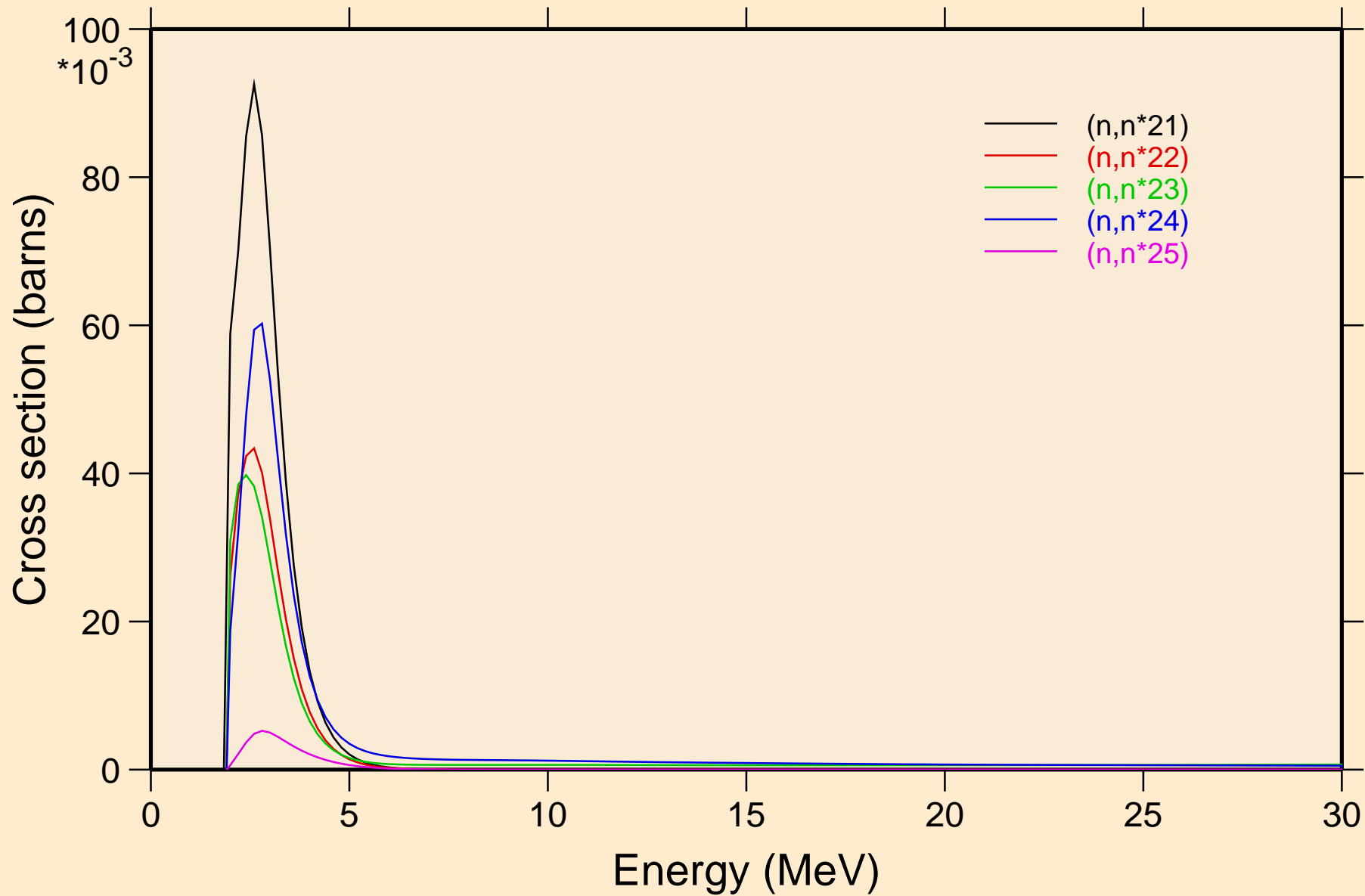


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

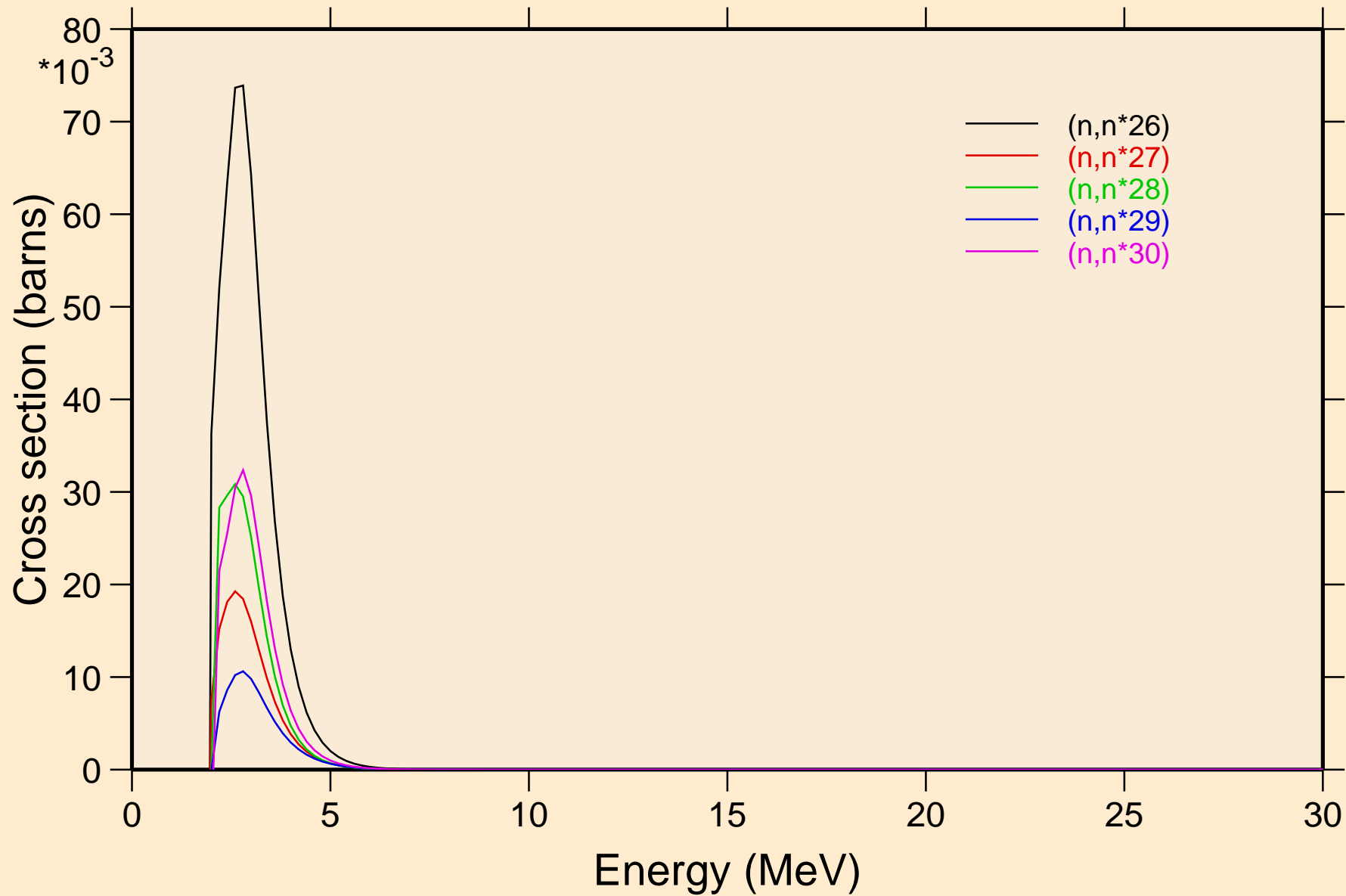


ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



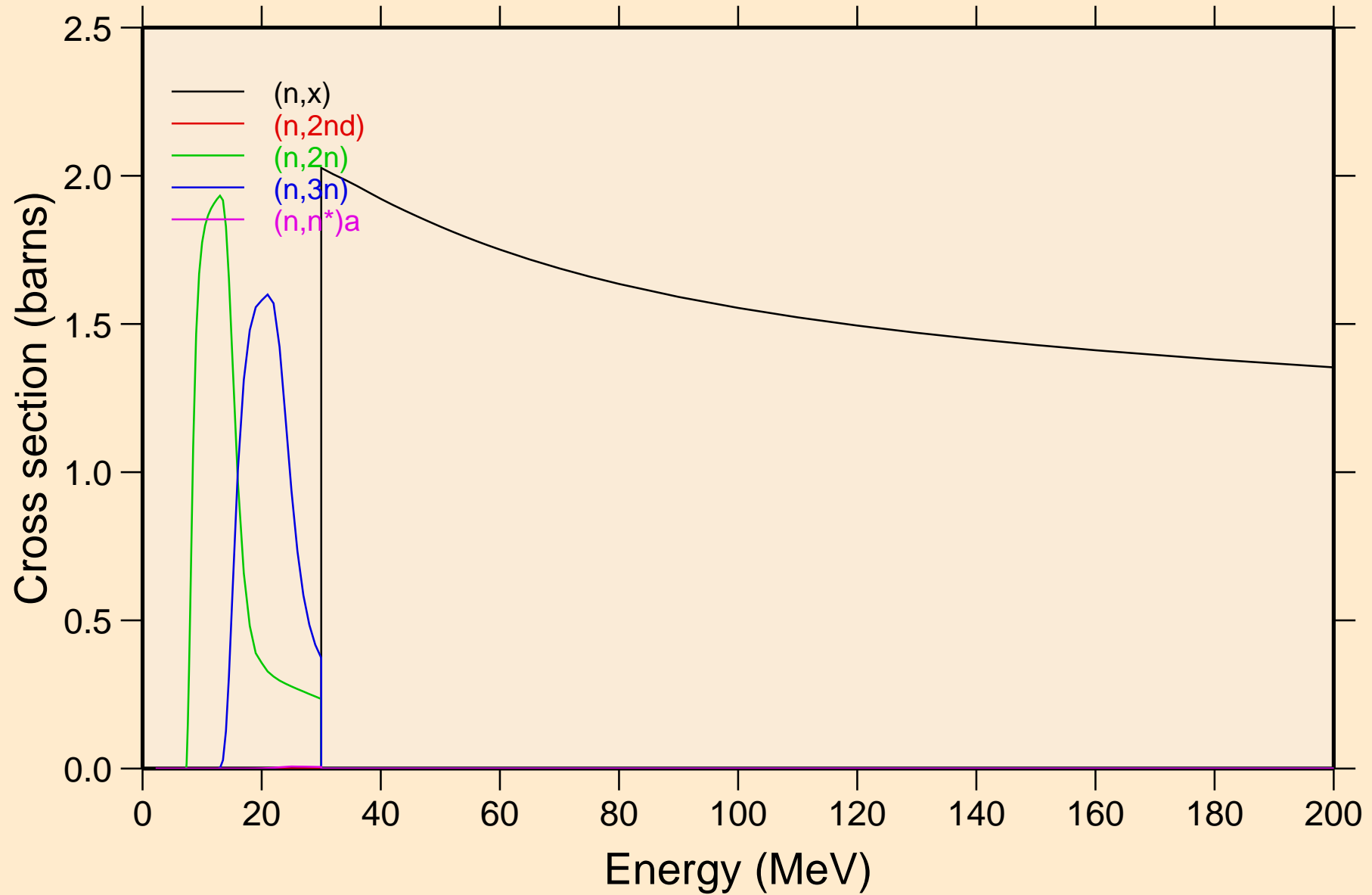
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



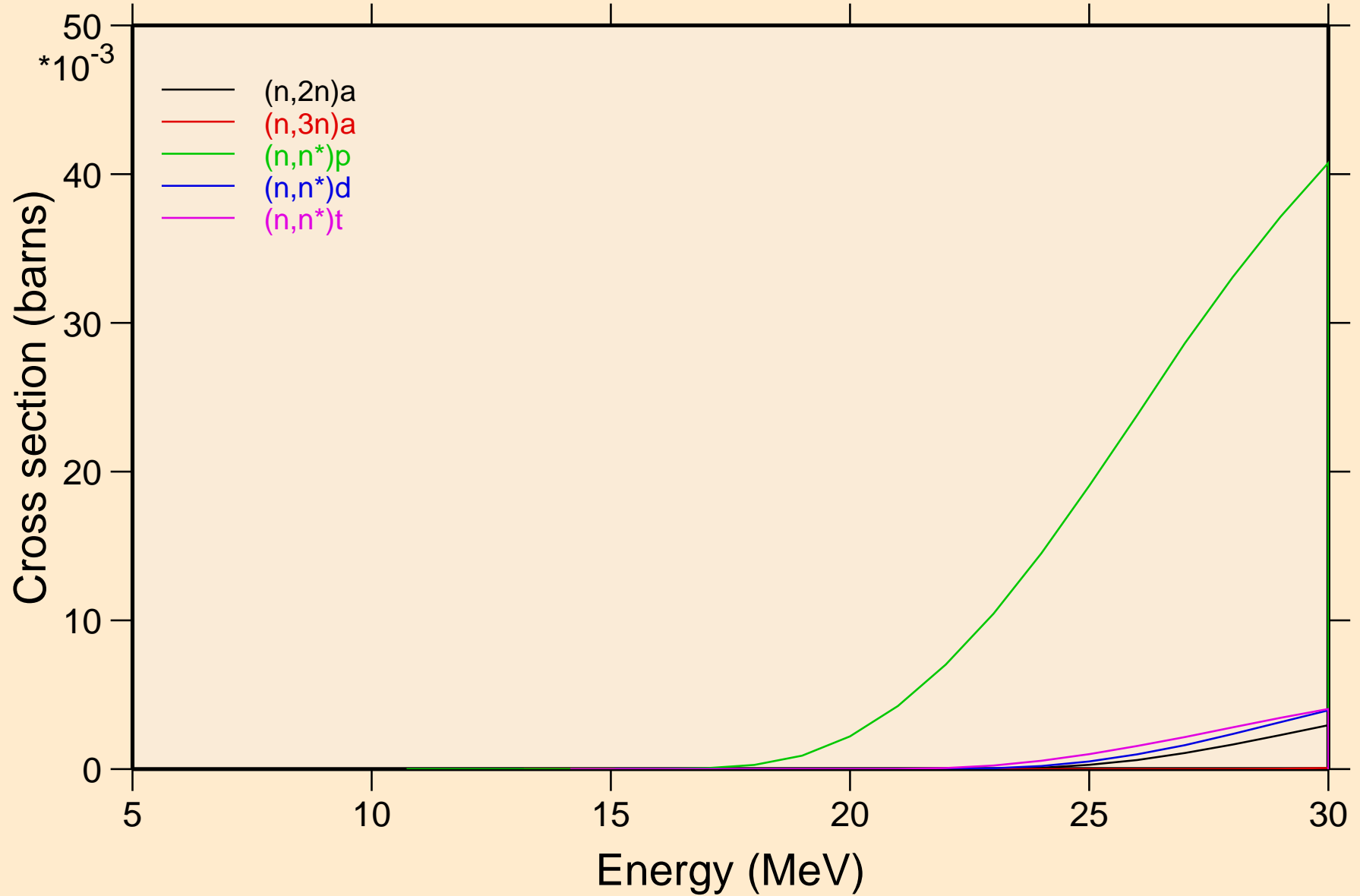
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



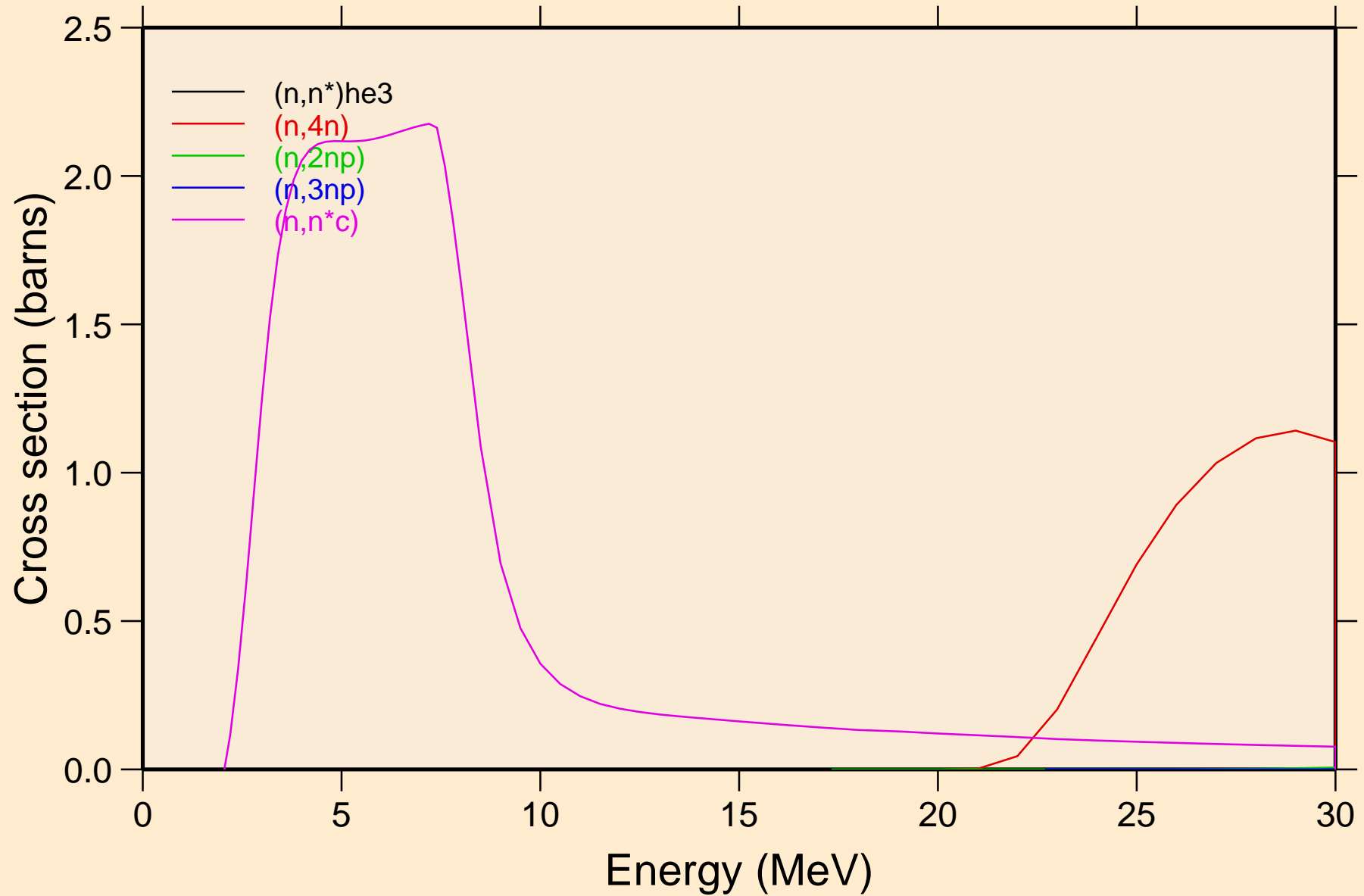
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



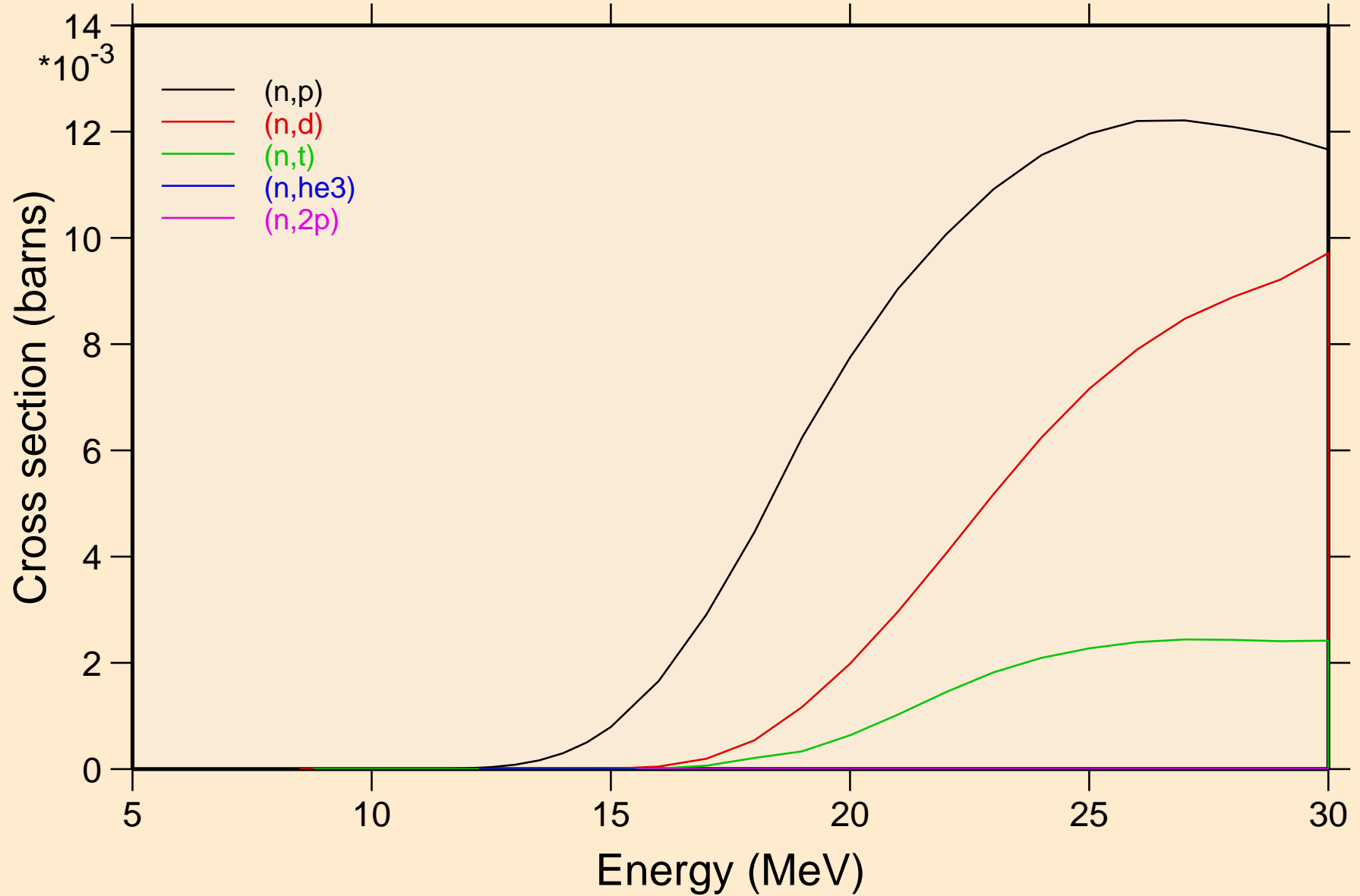
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



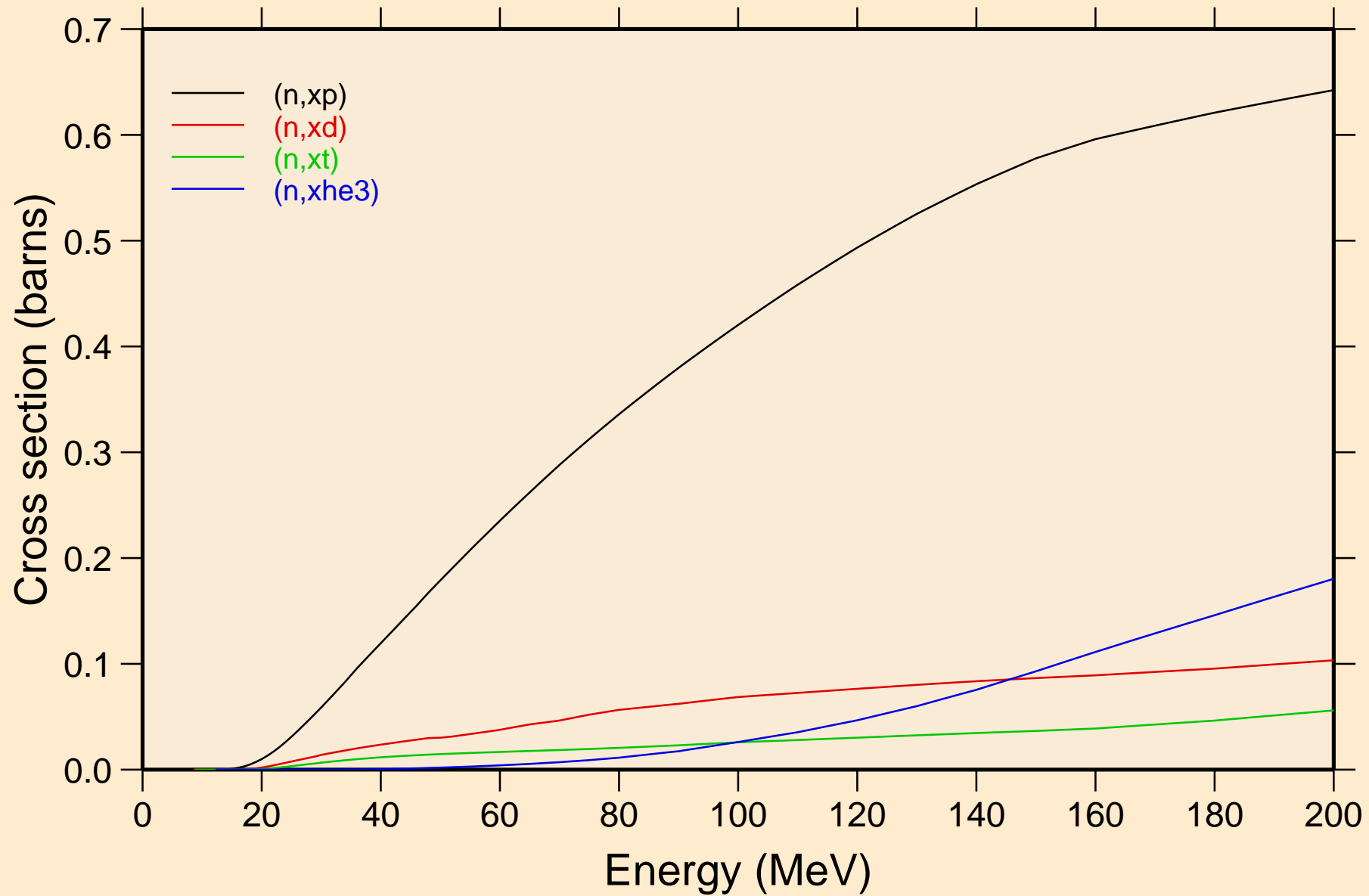
# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

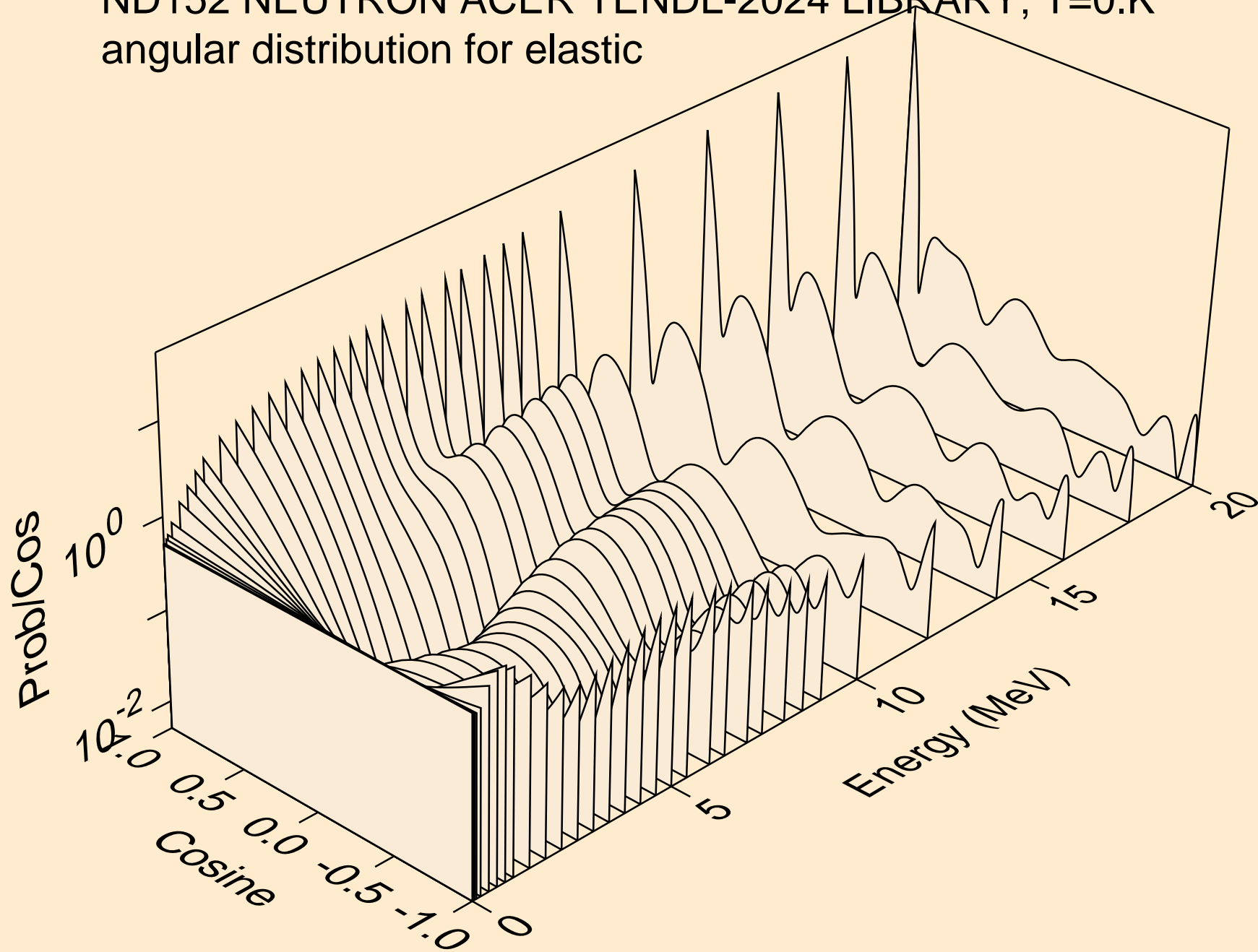


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

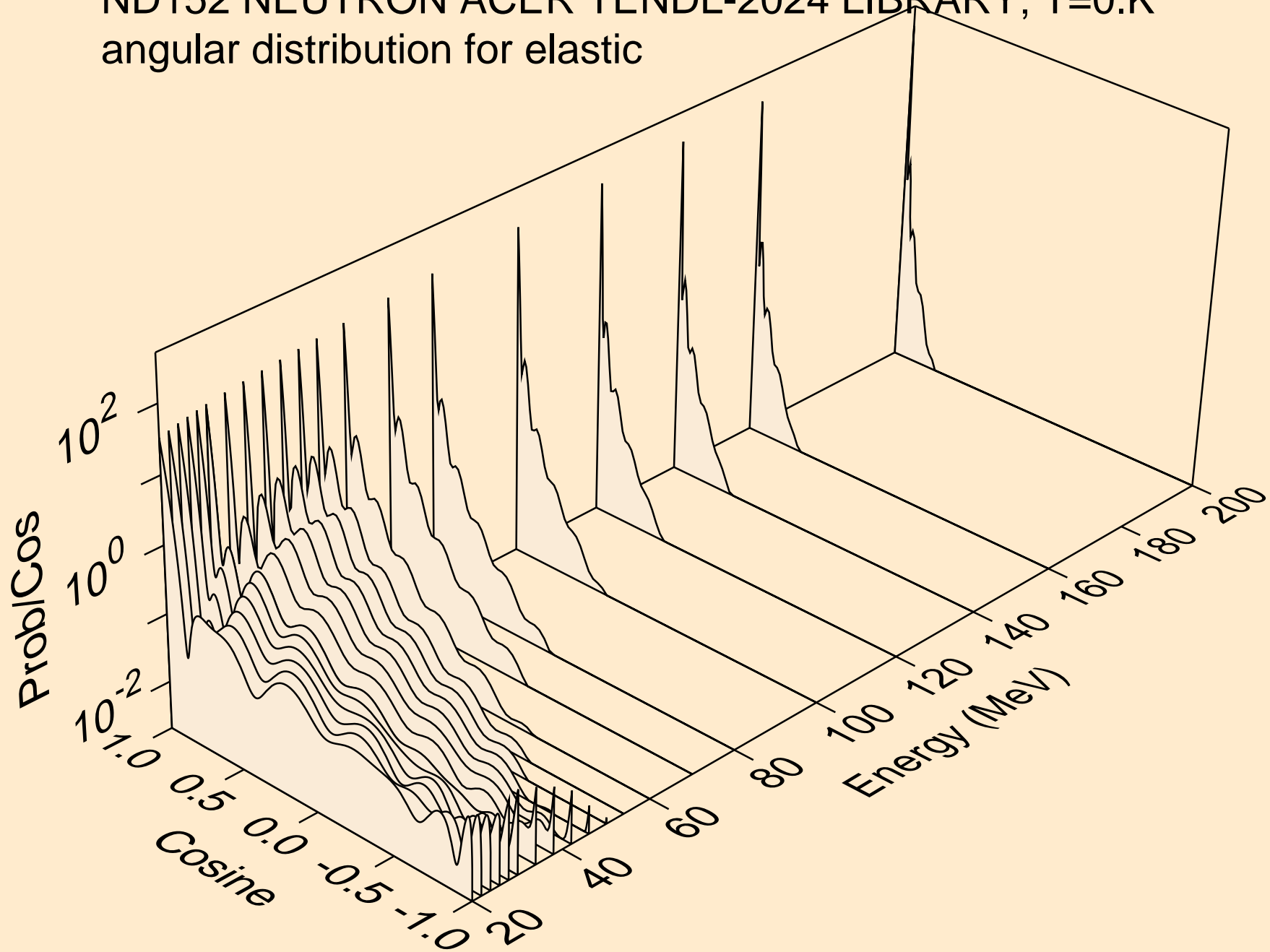
## Threshold reactions



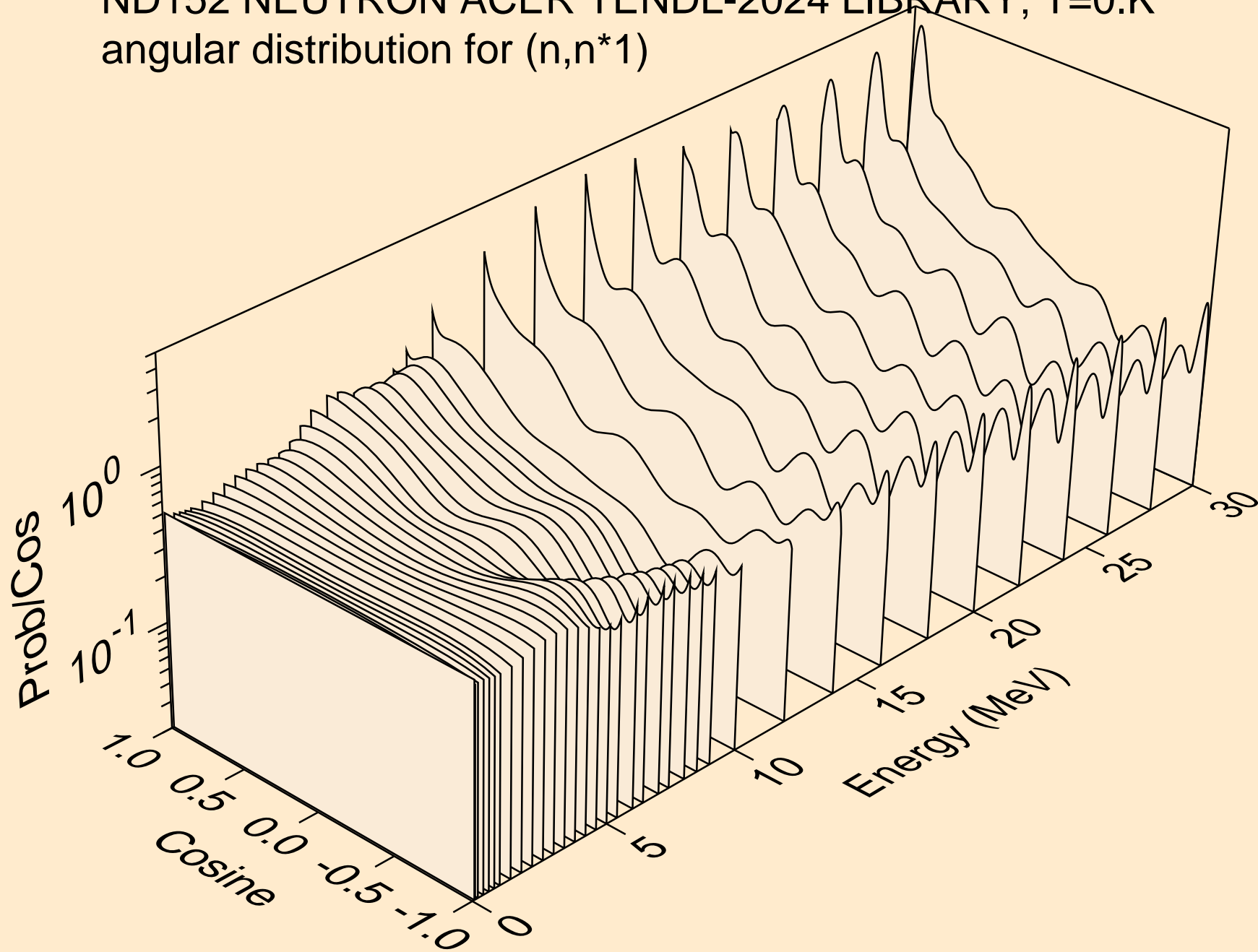
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



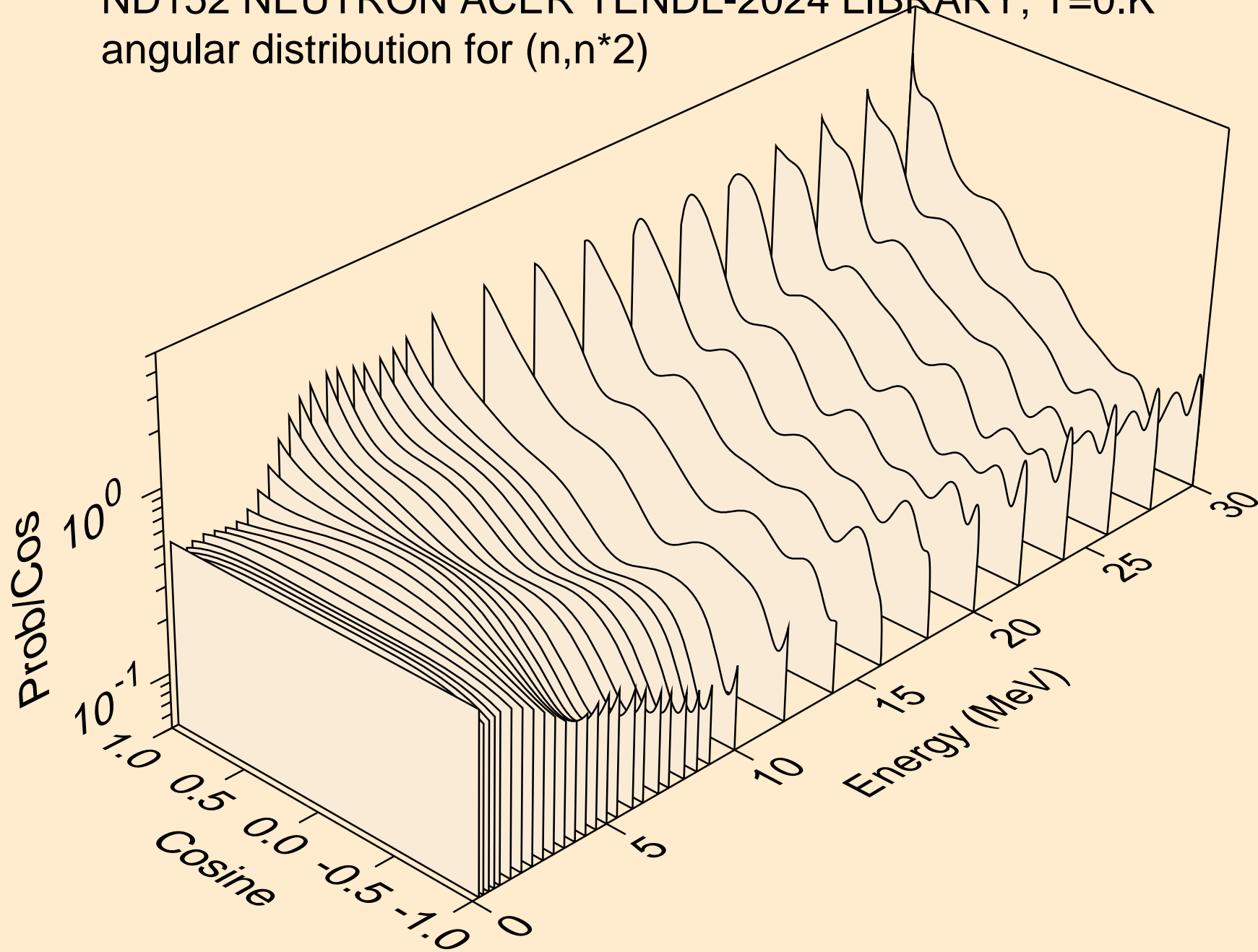
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



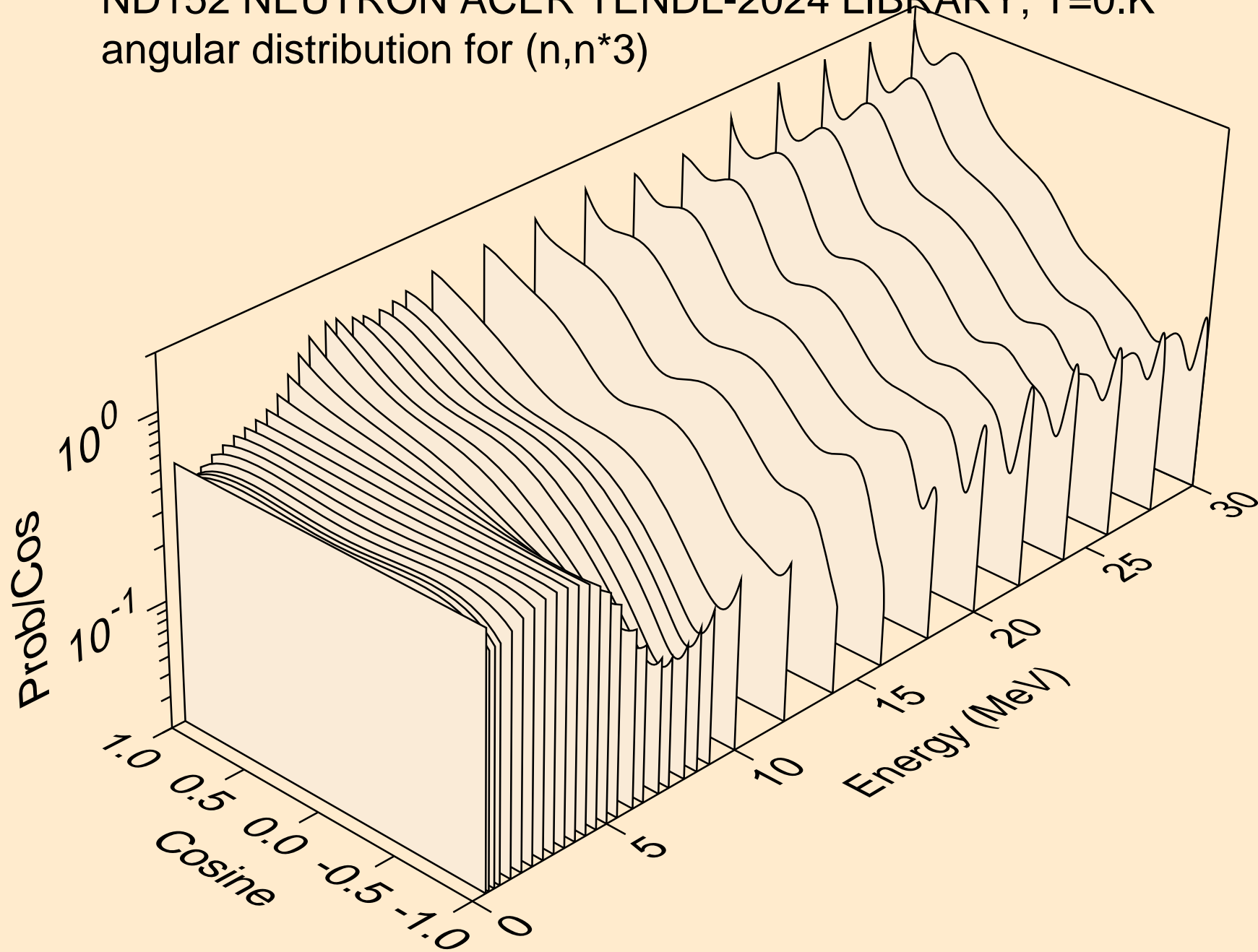
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



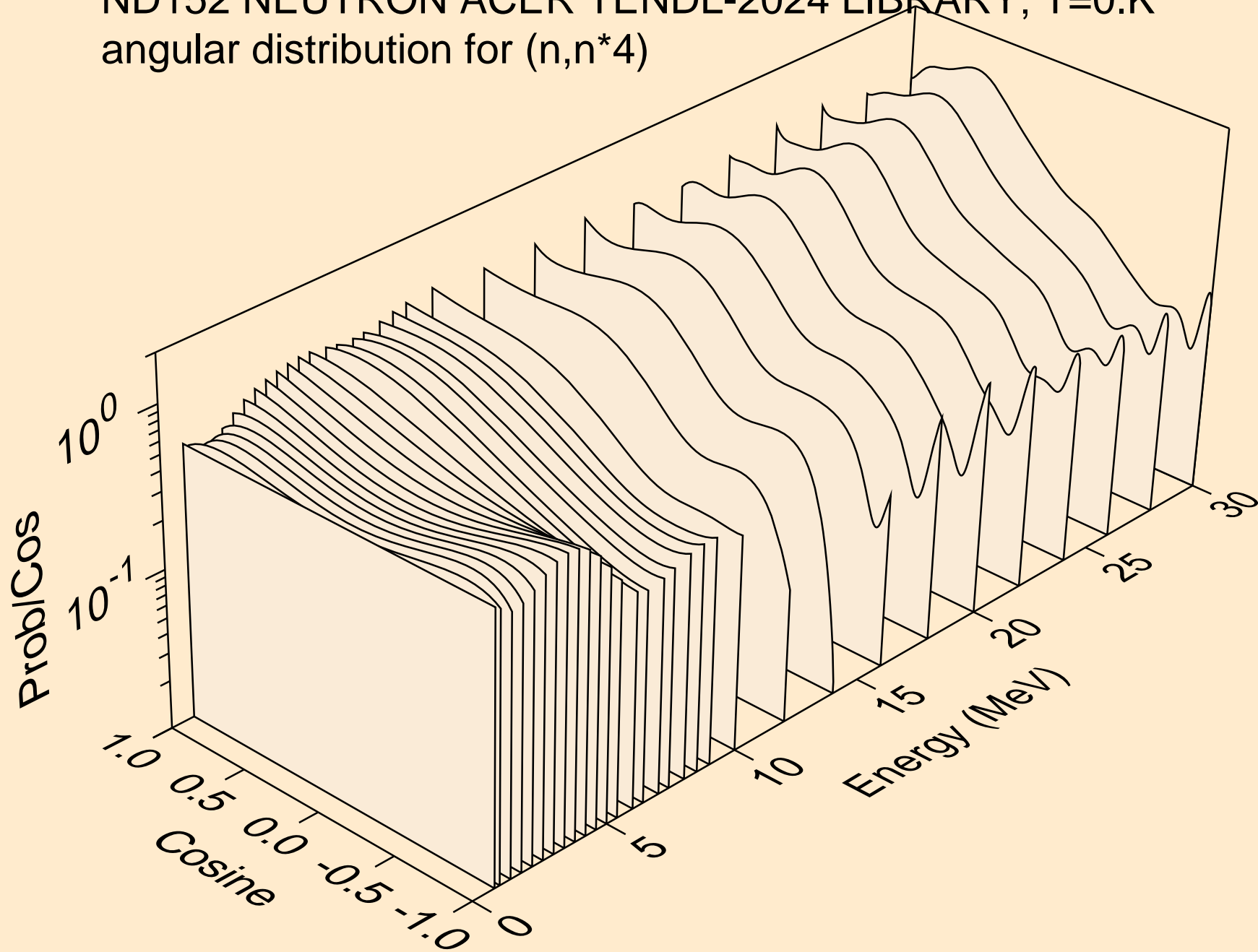
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



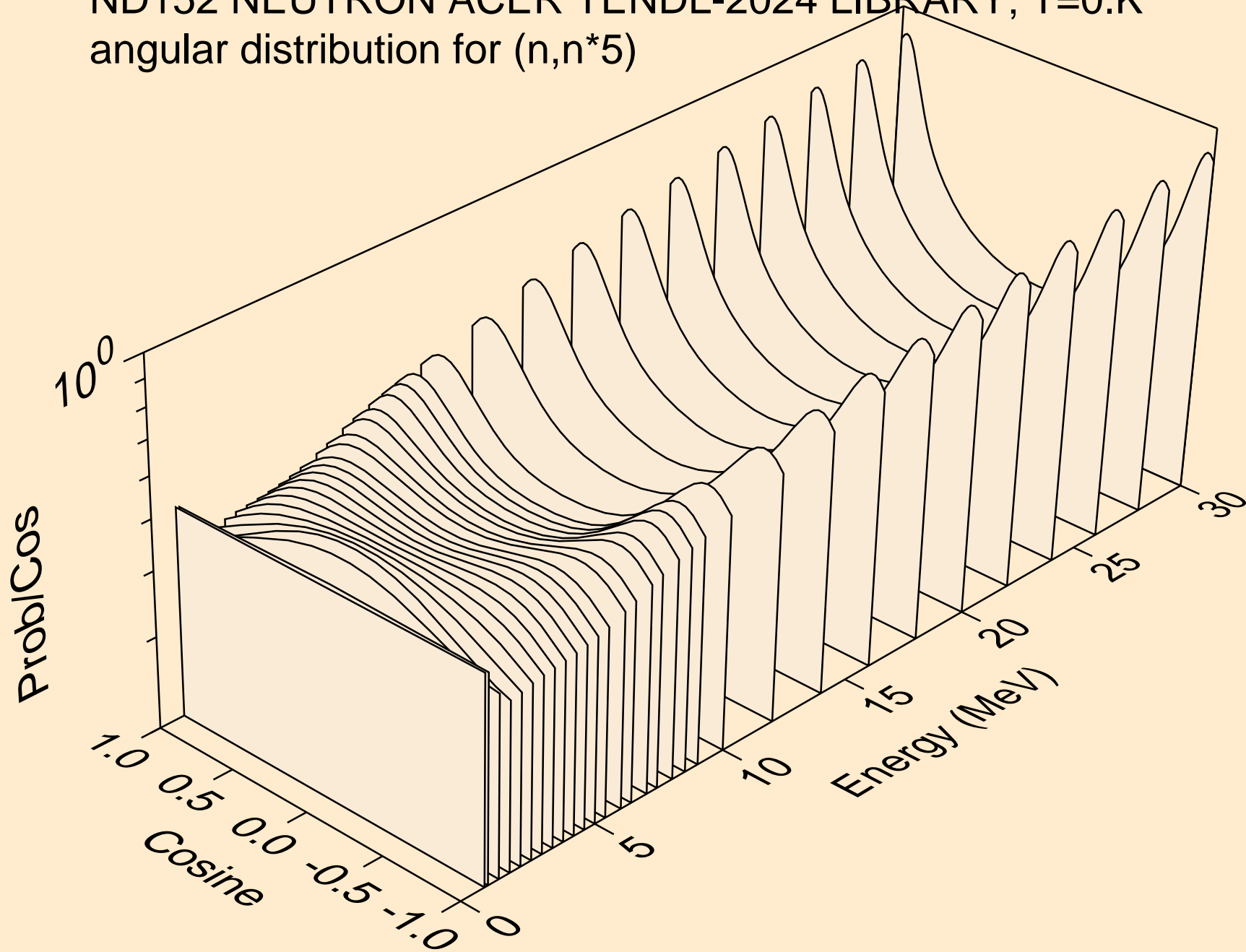
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



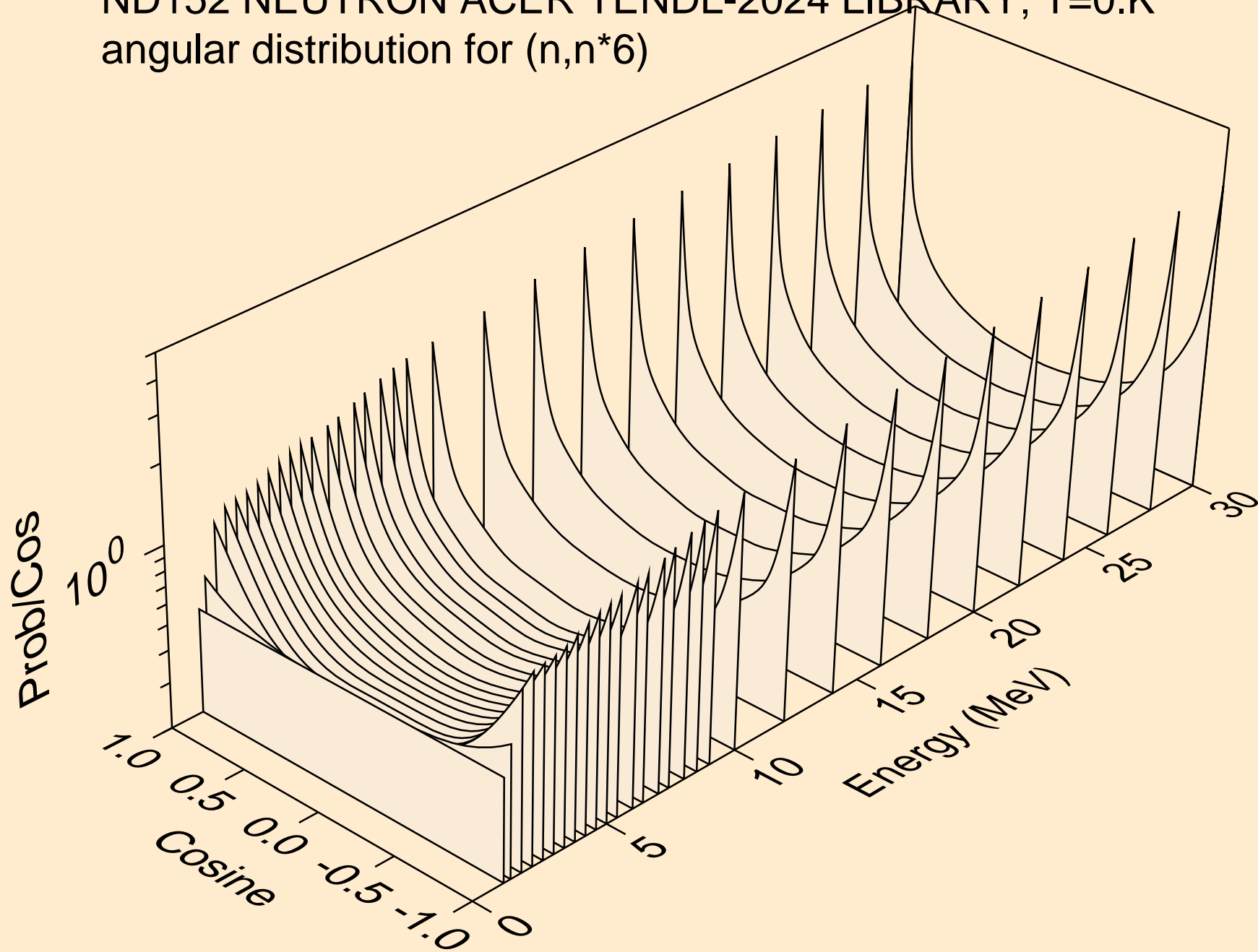
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



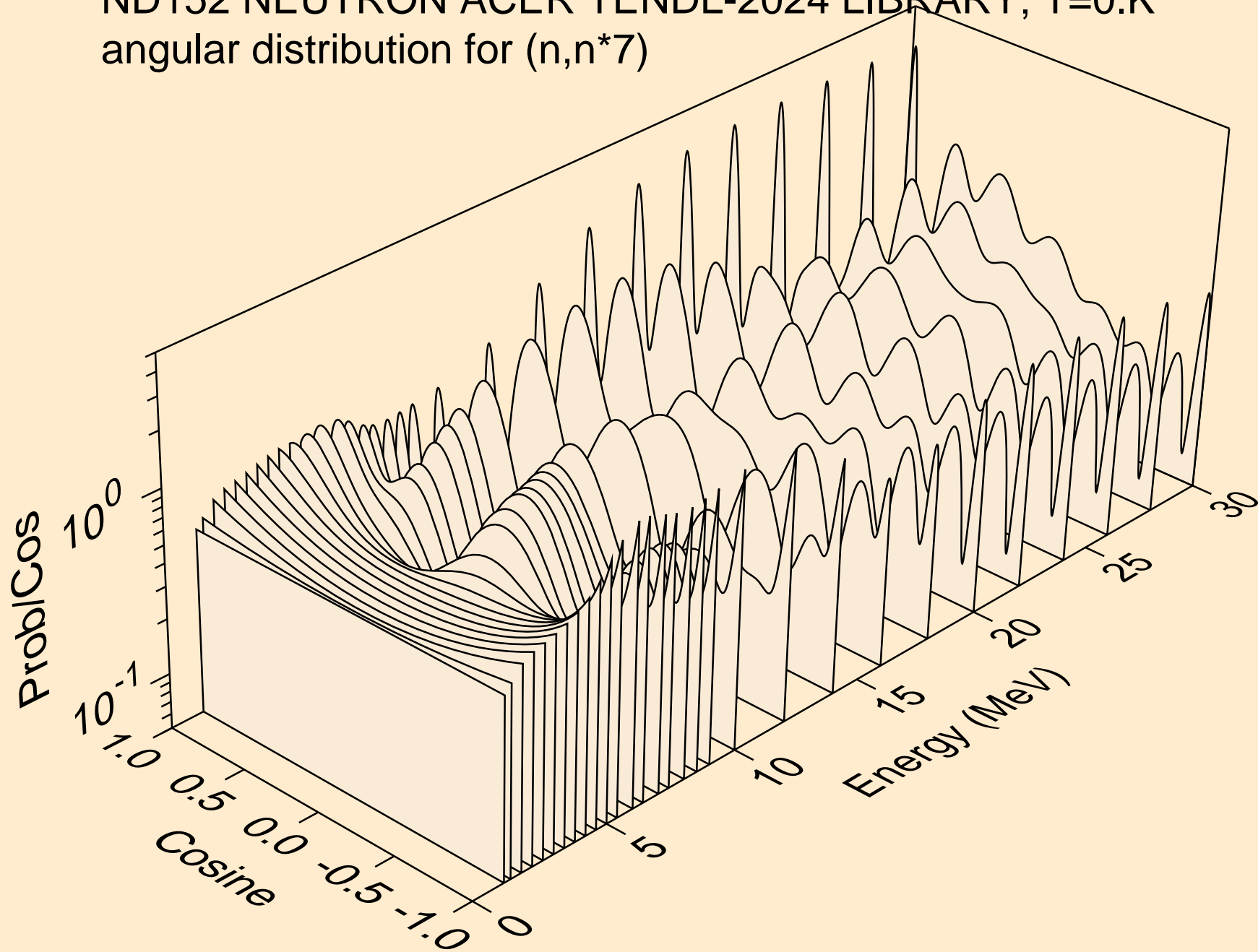
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



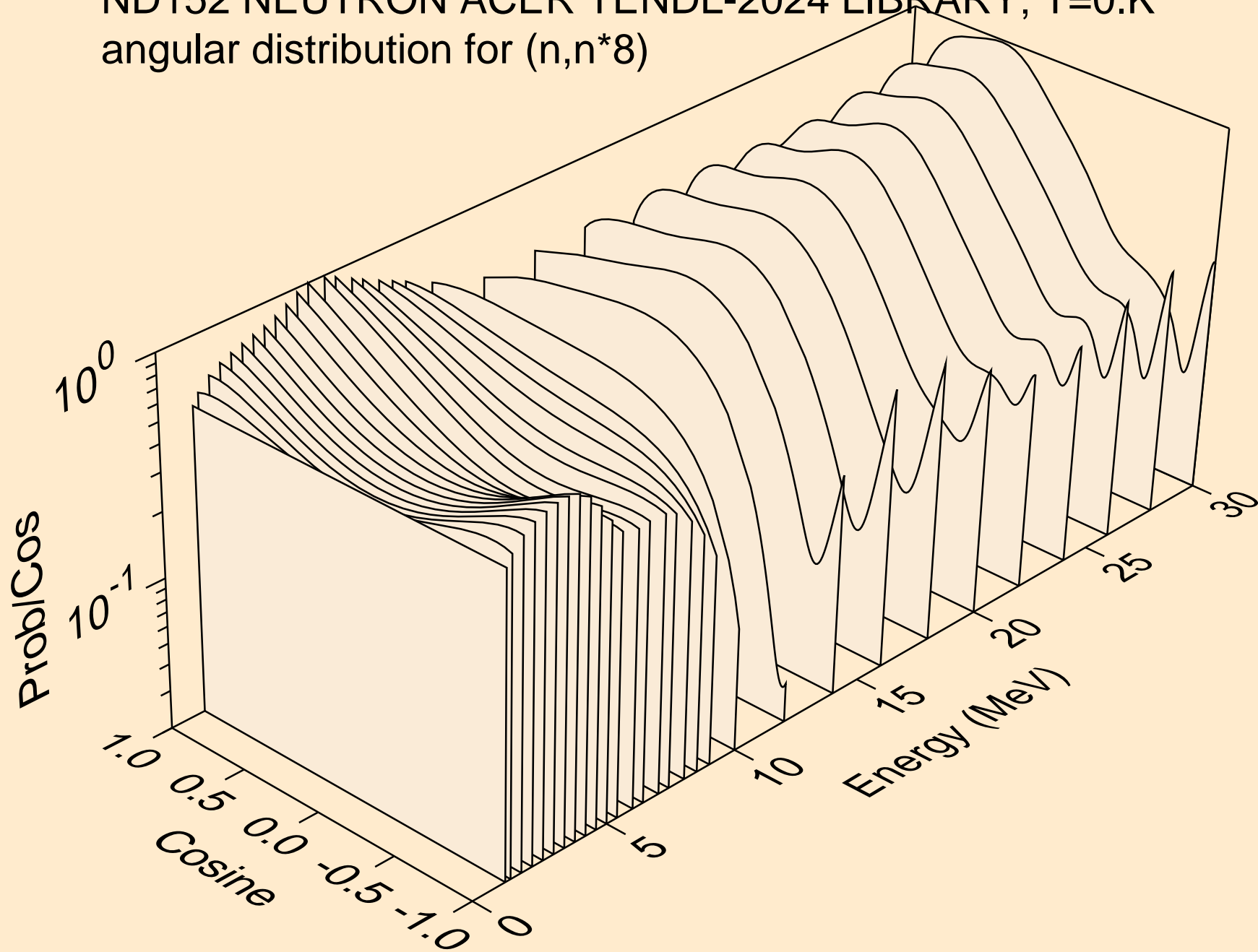
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



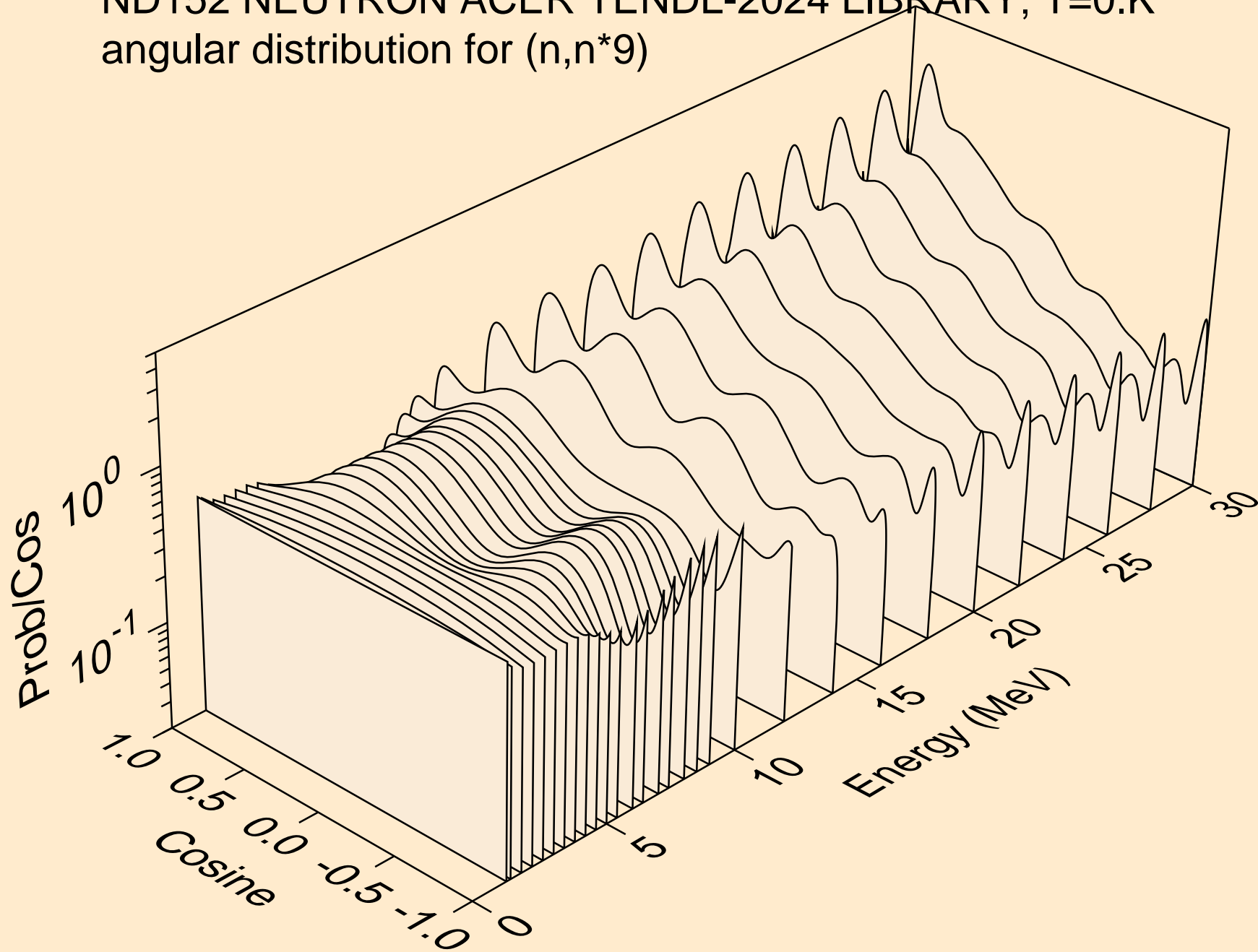
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



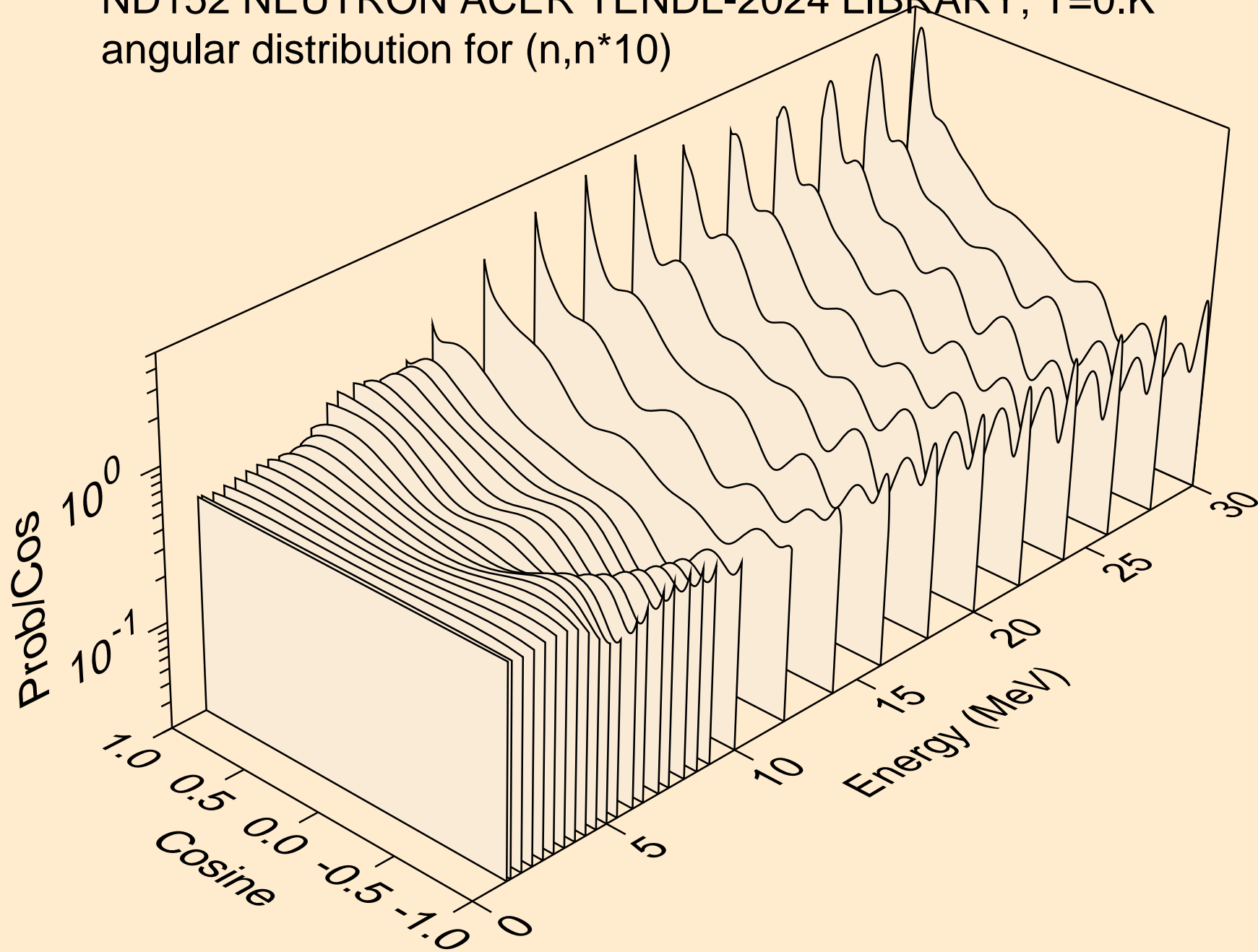
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



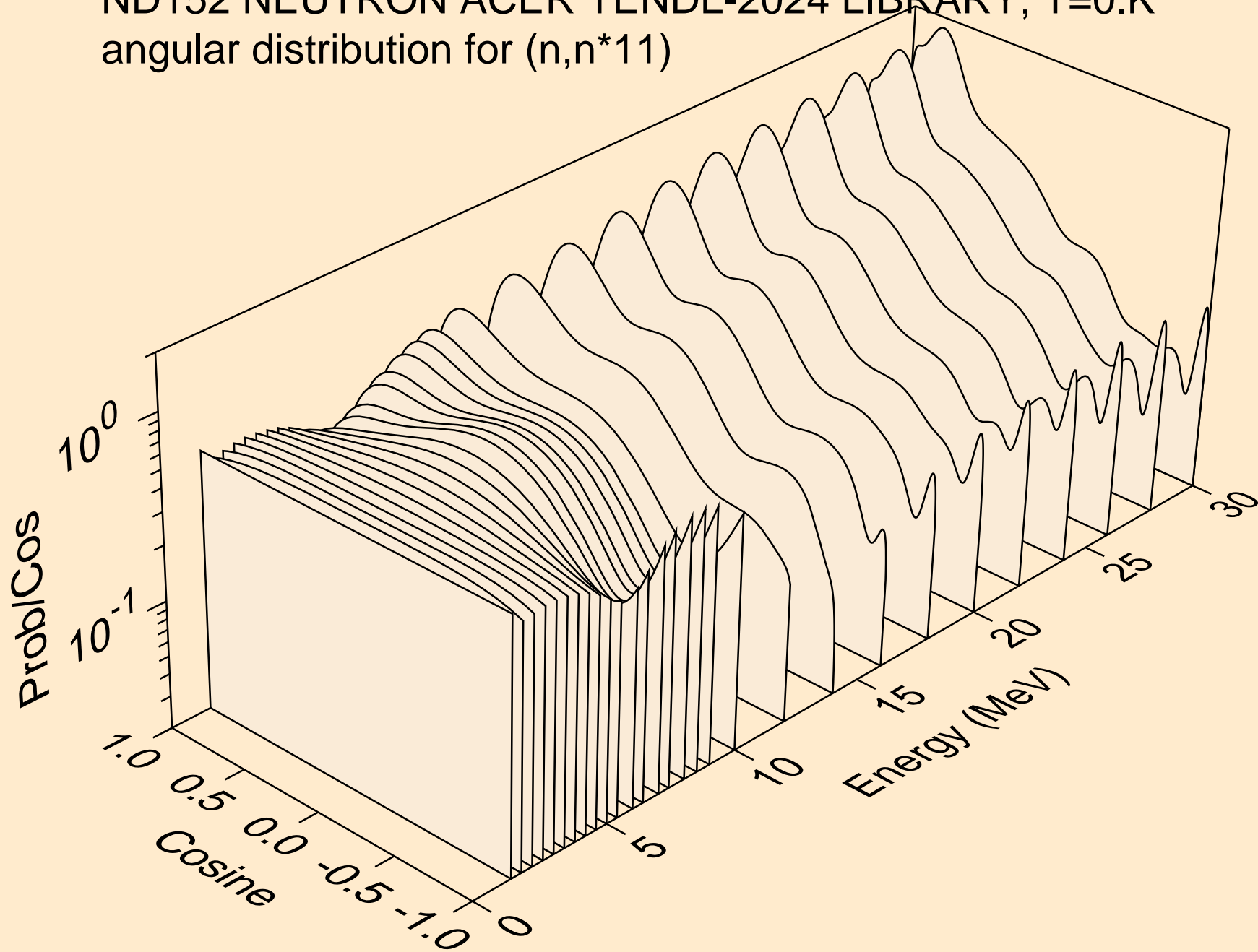
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



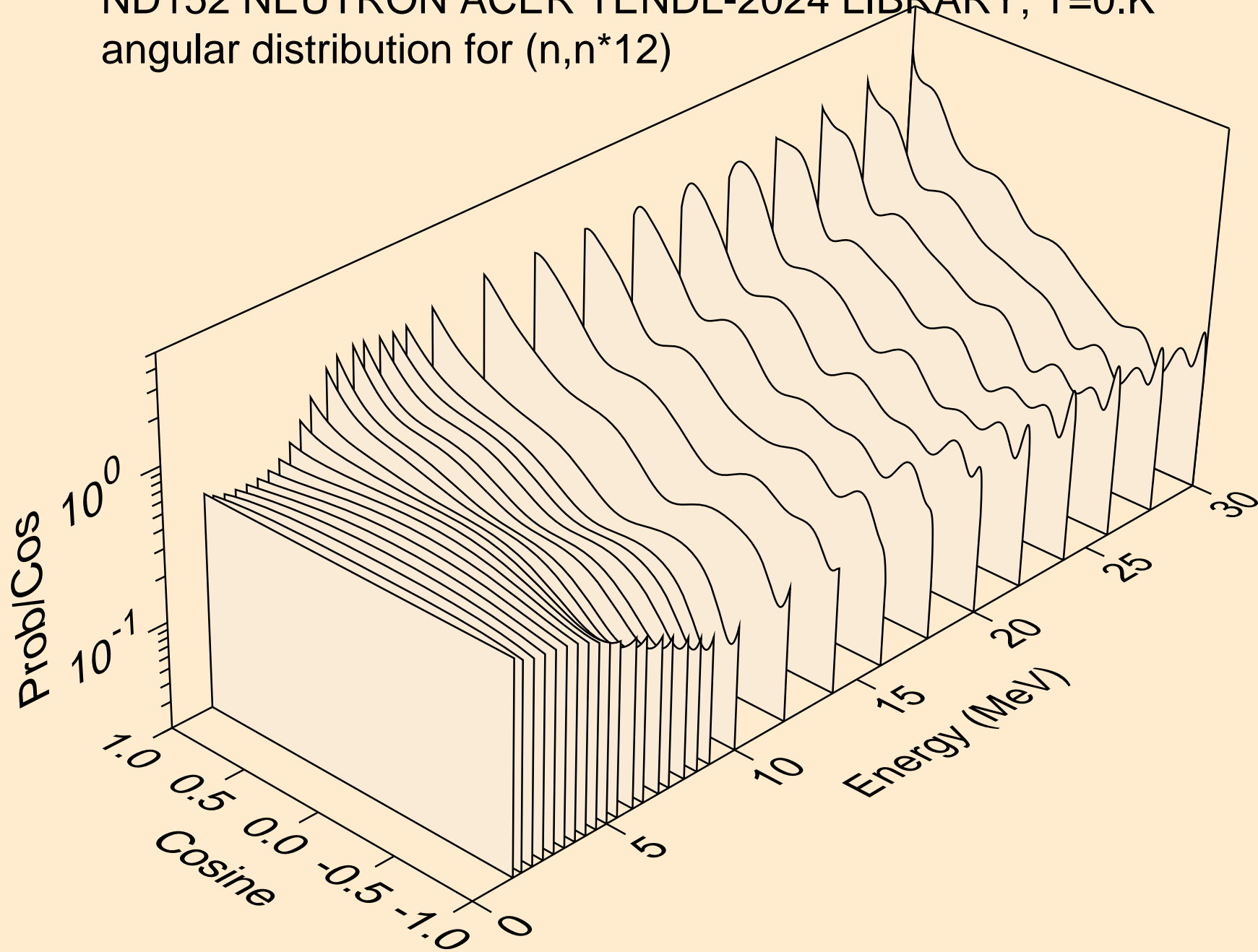
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



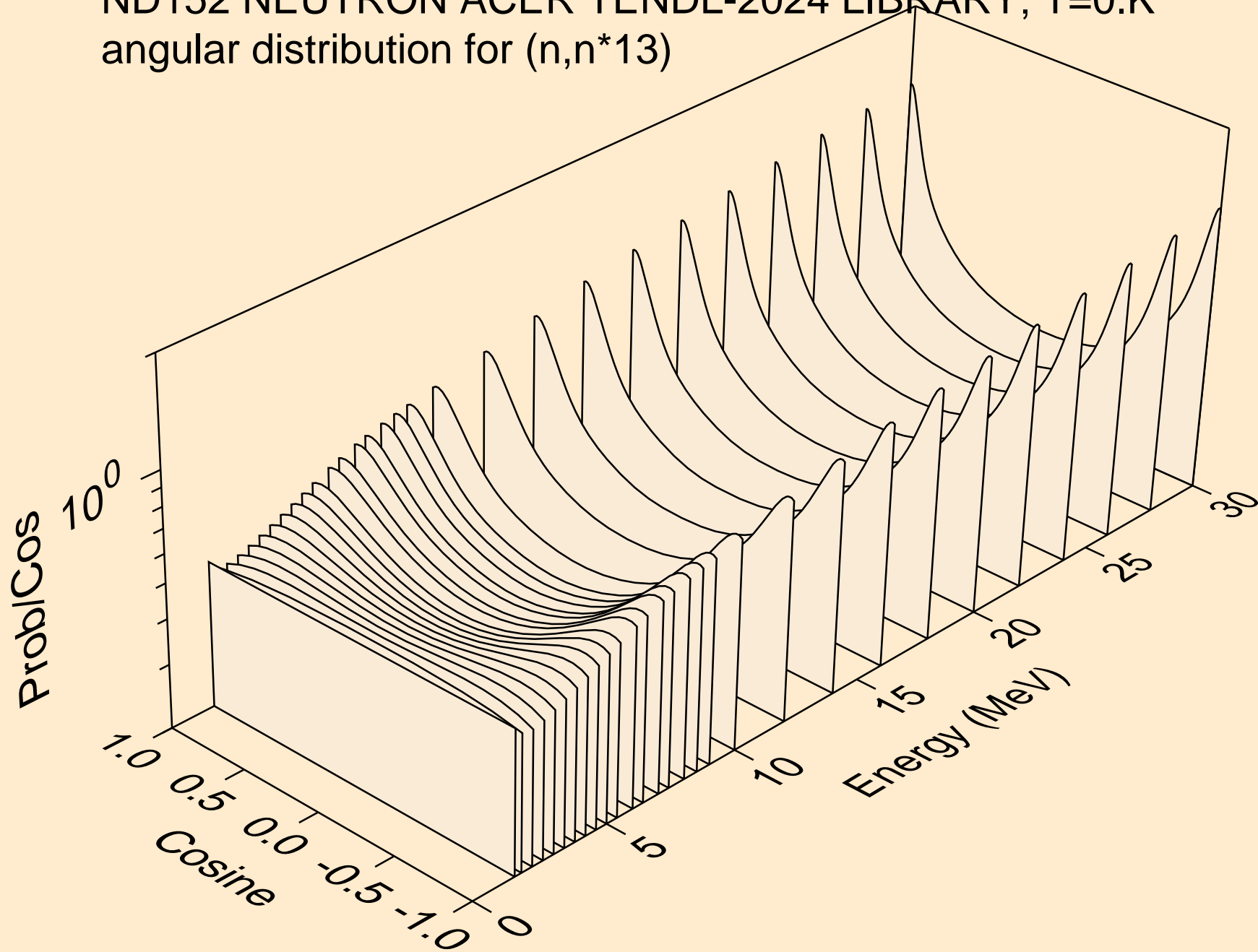
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



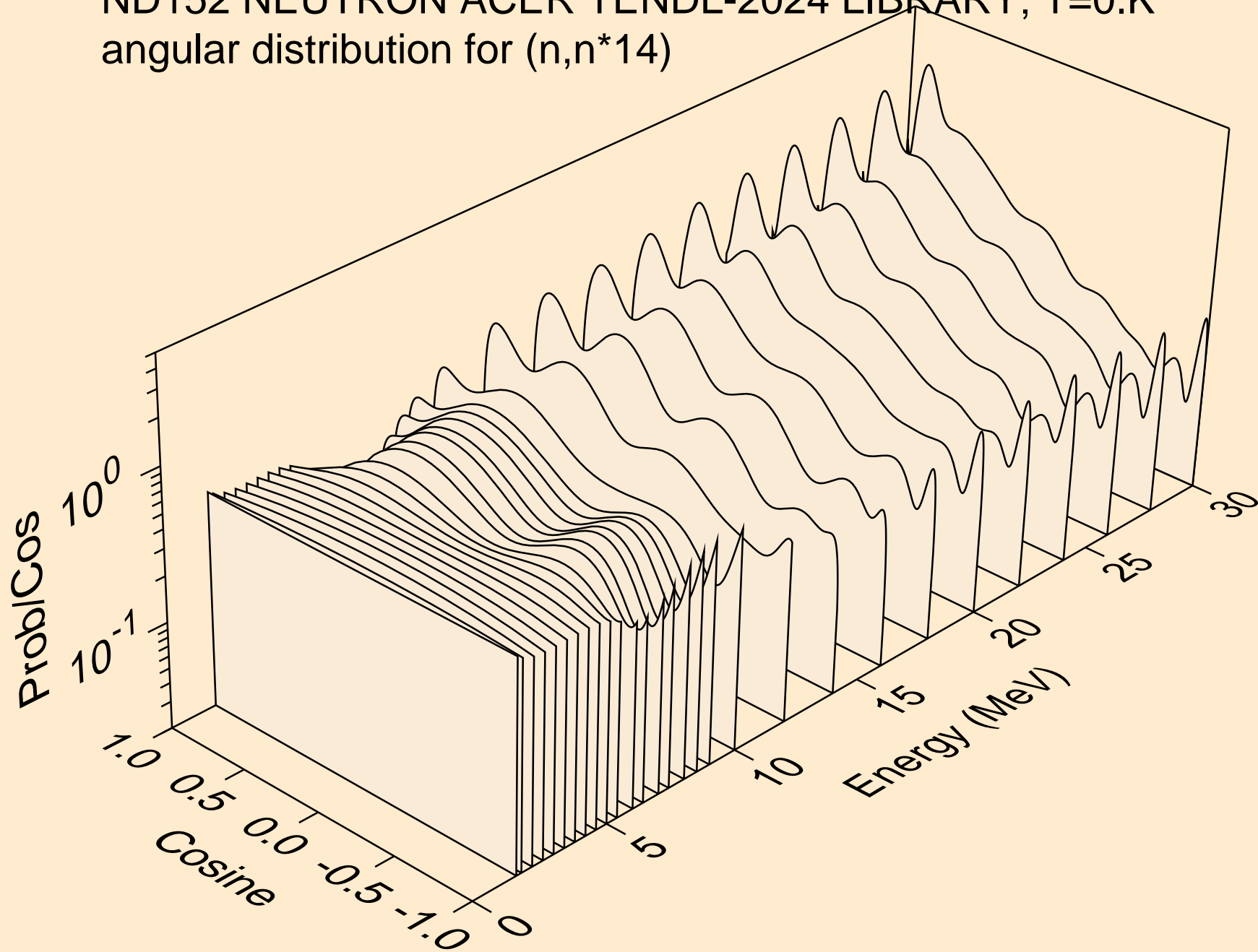
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



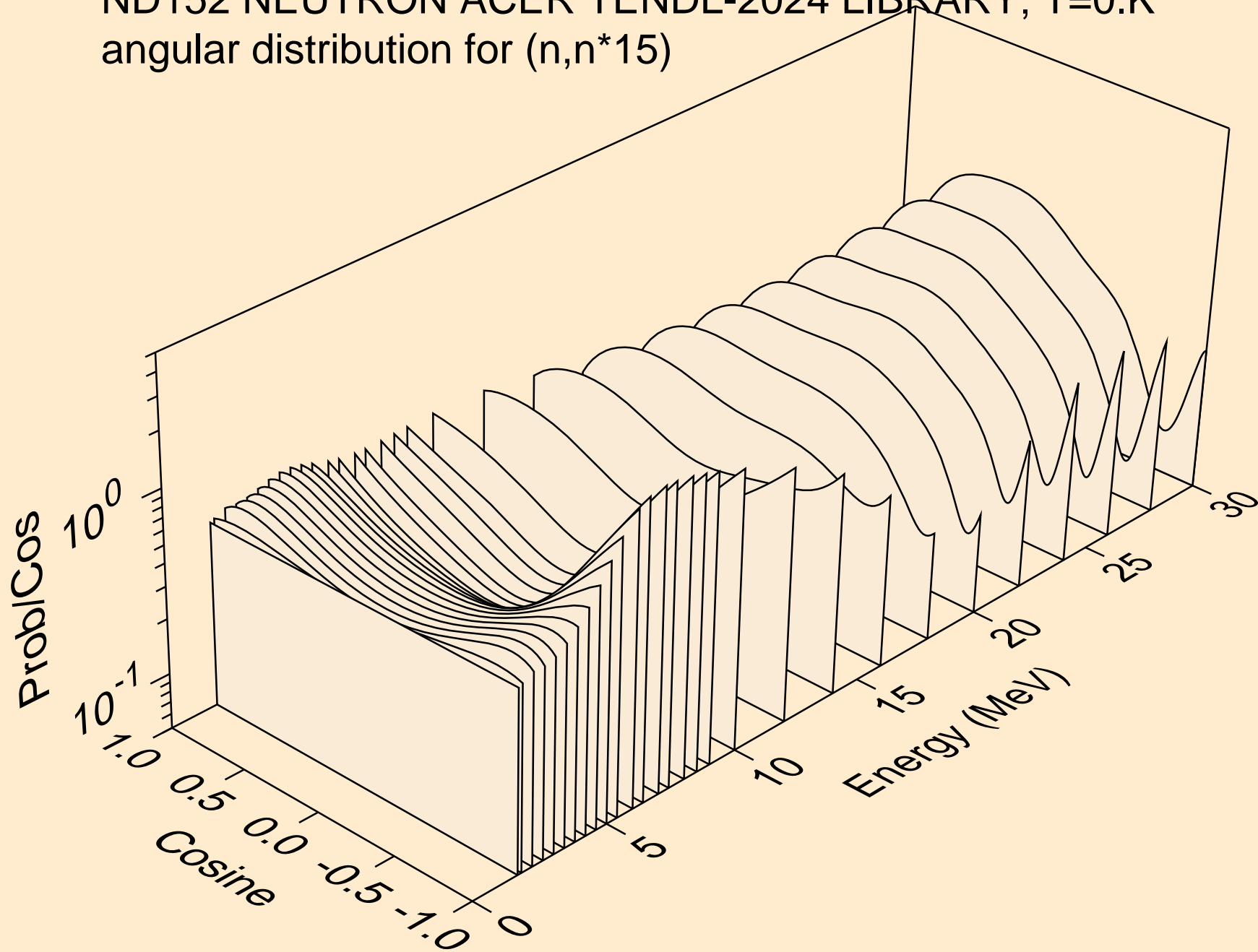
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



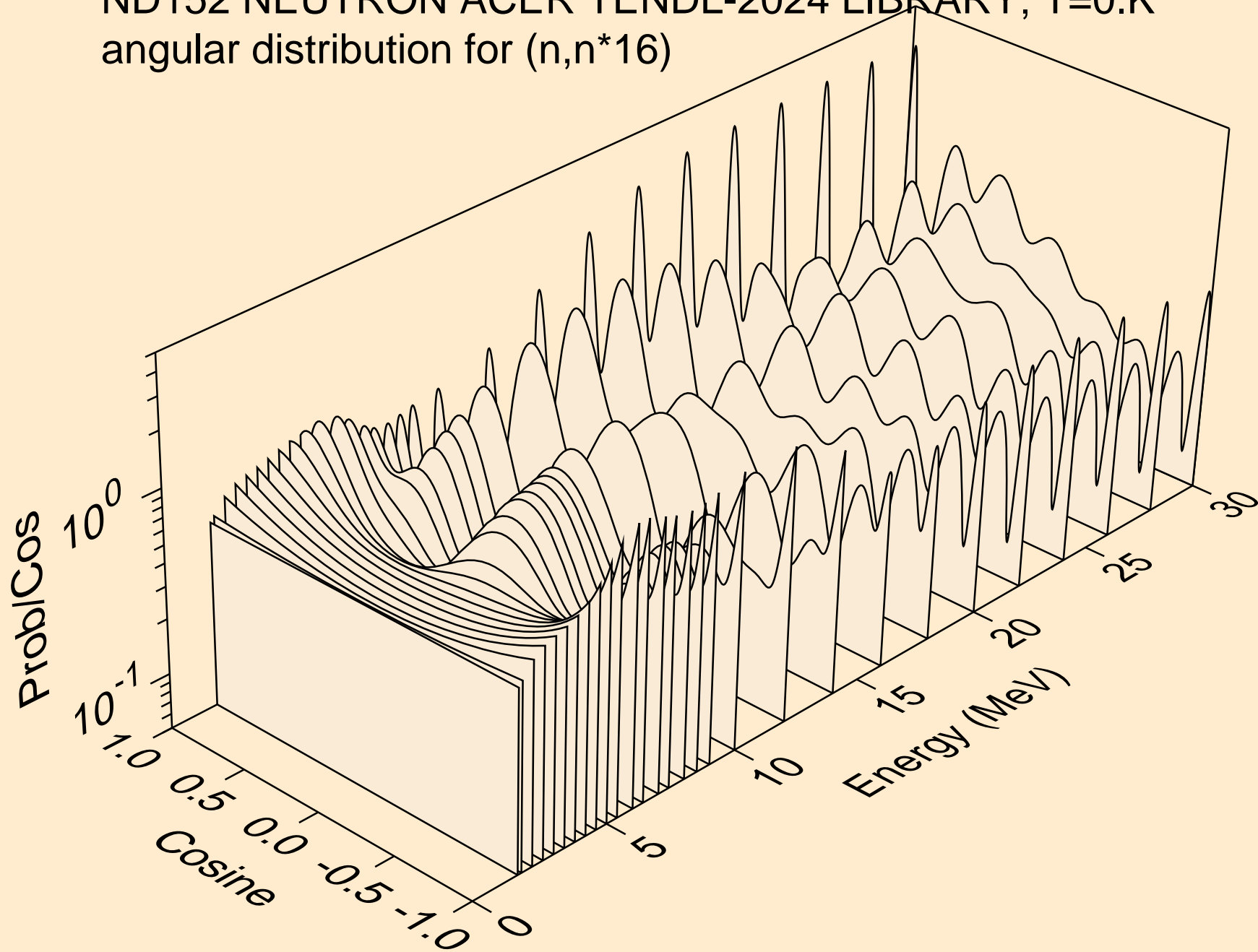
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



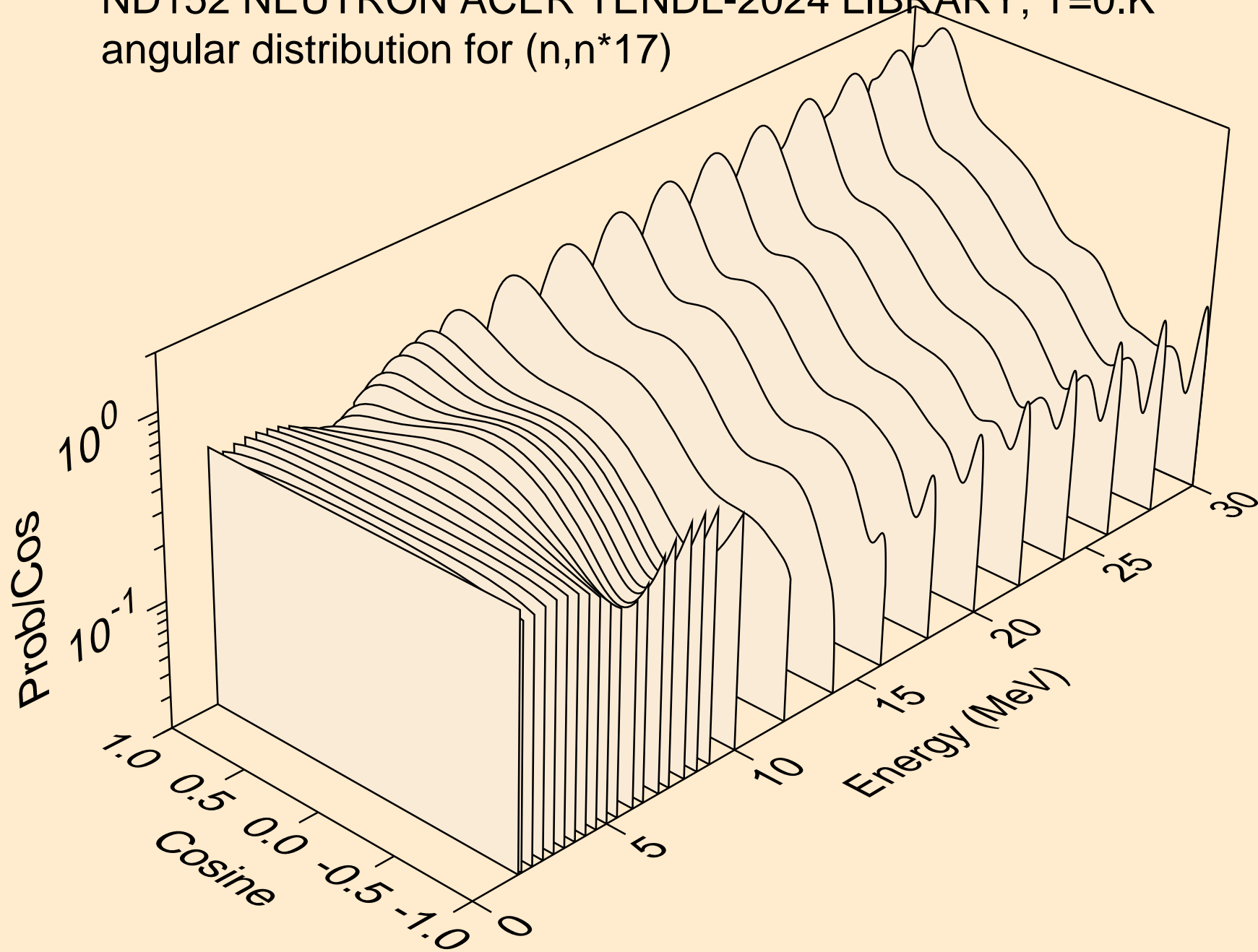
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



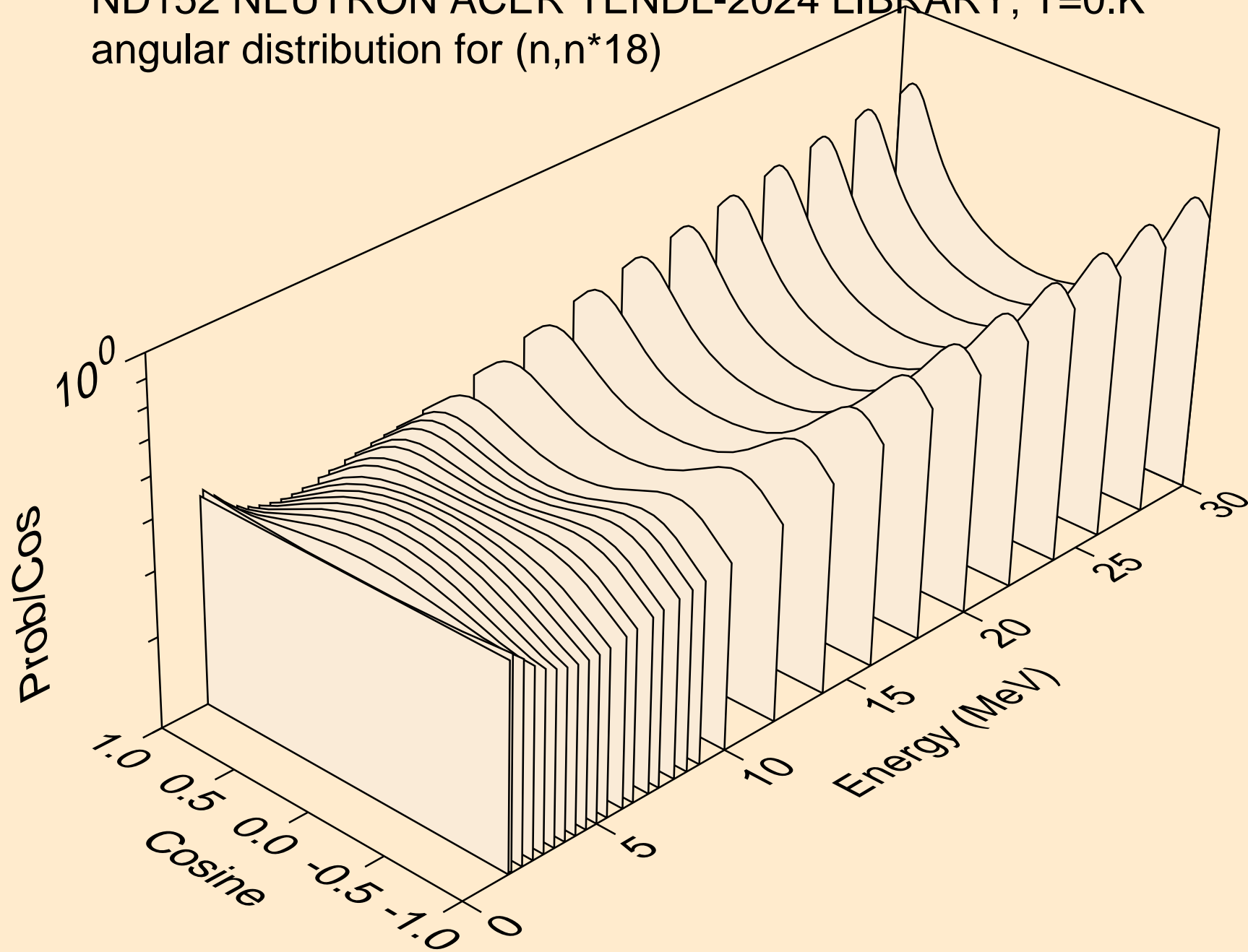
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



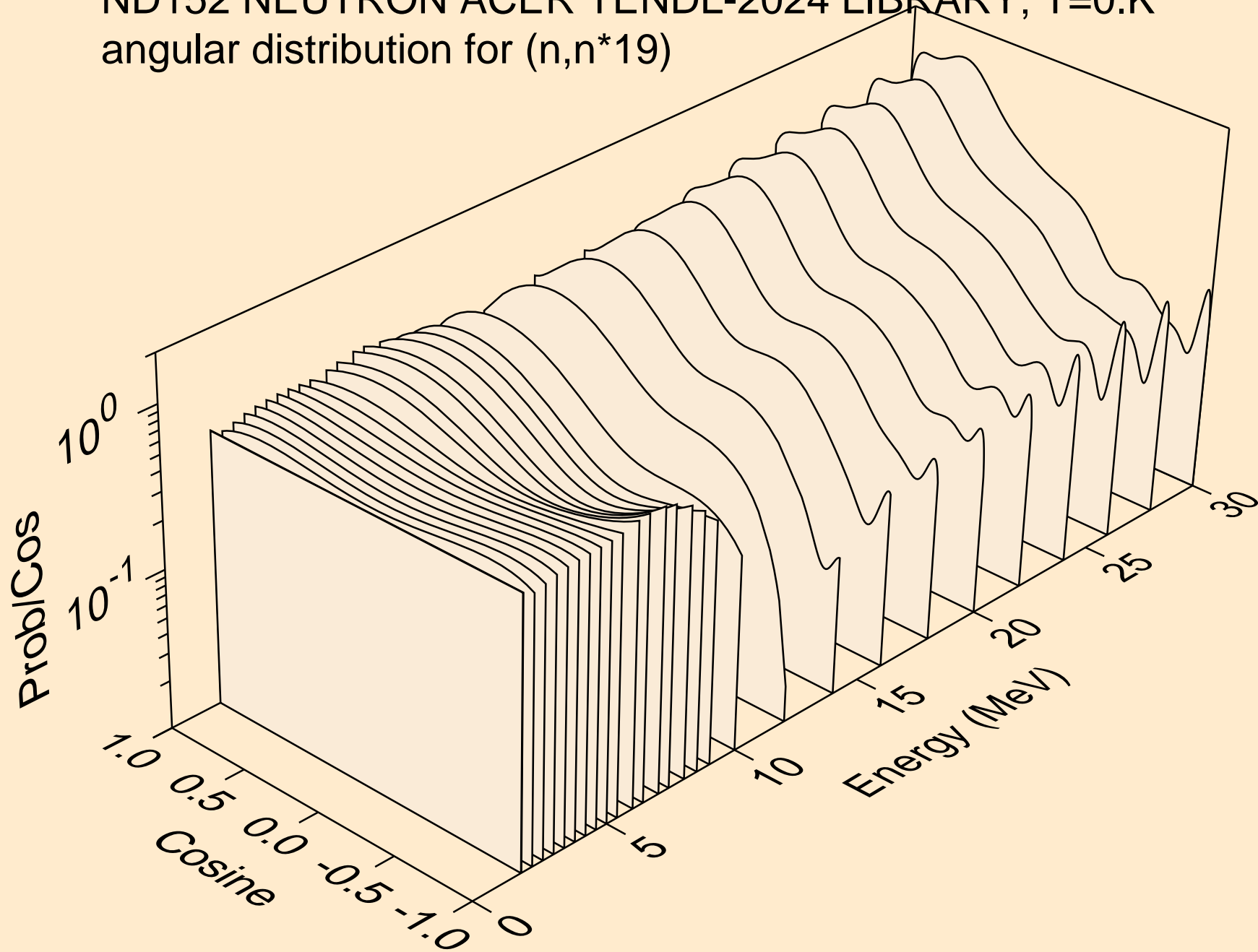
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



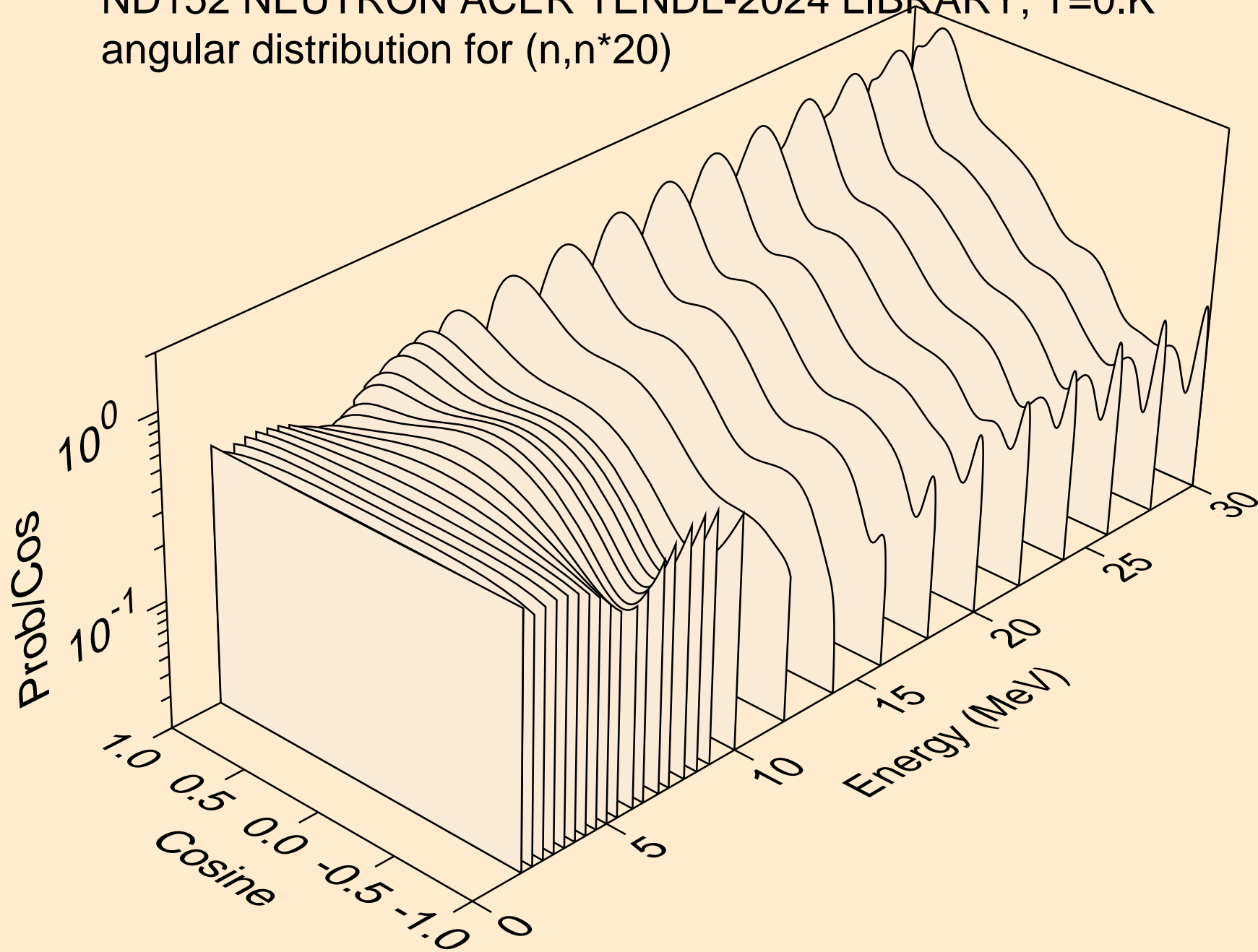
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



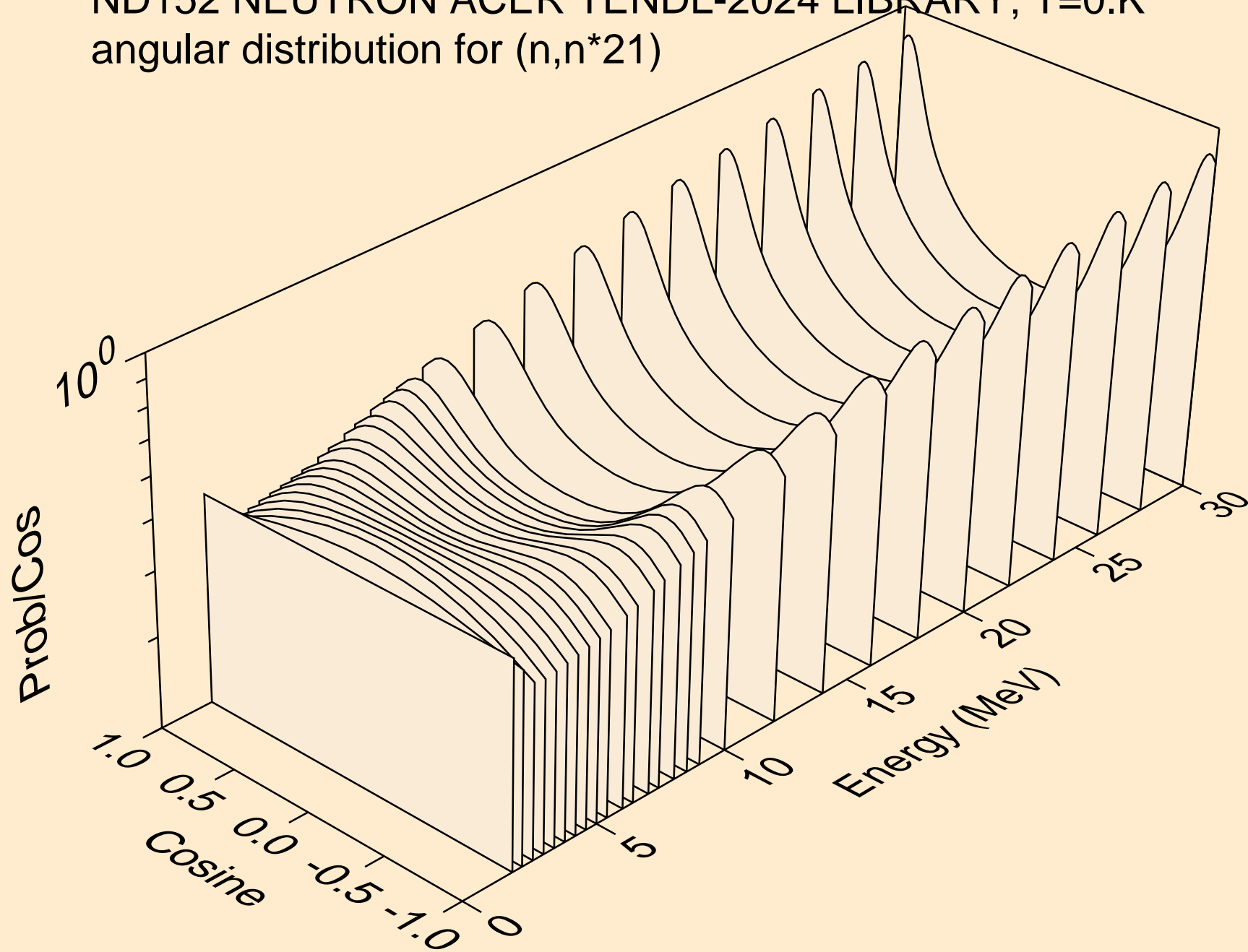
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



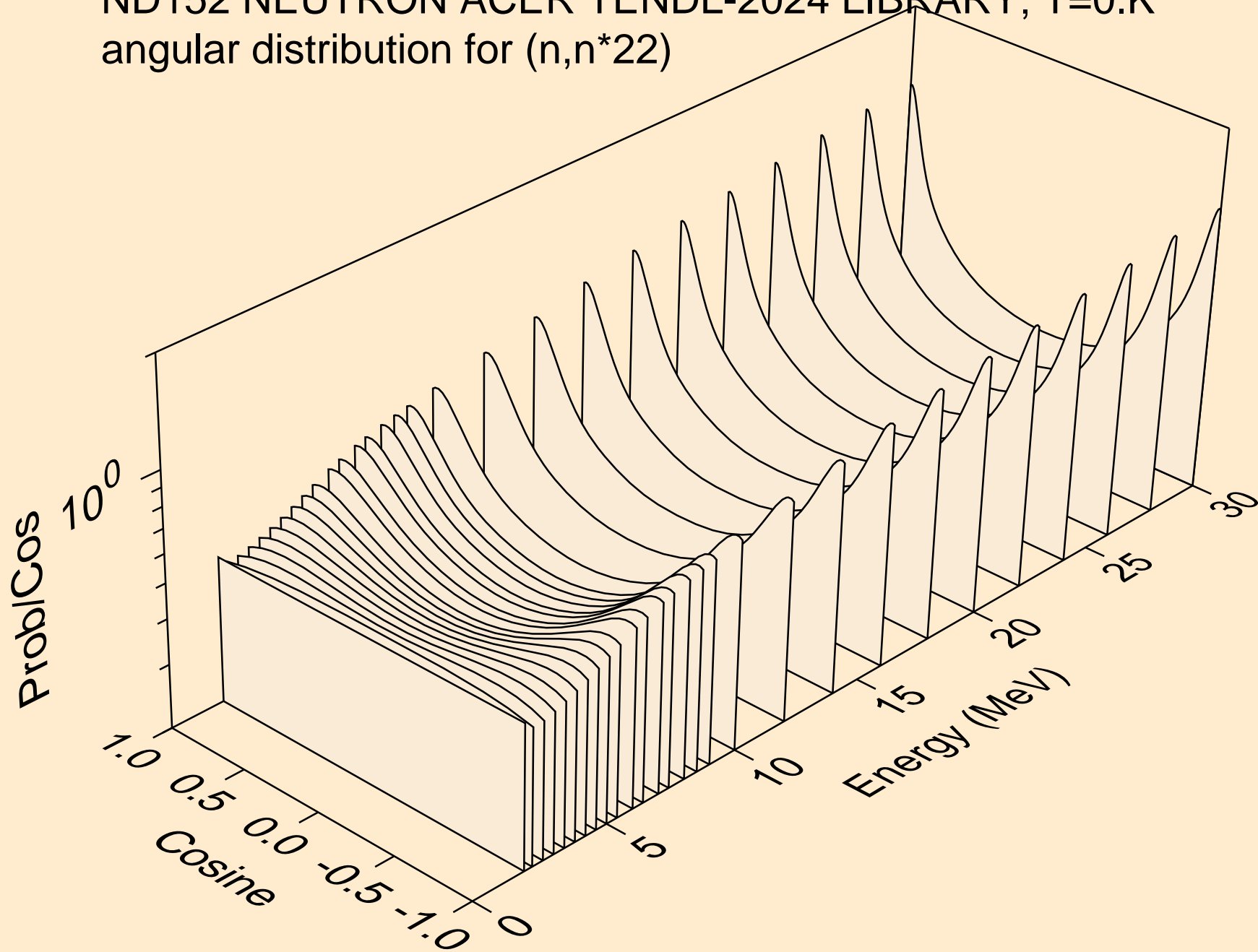
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



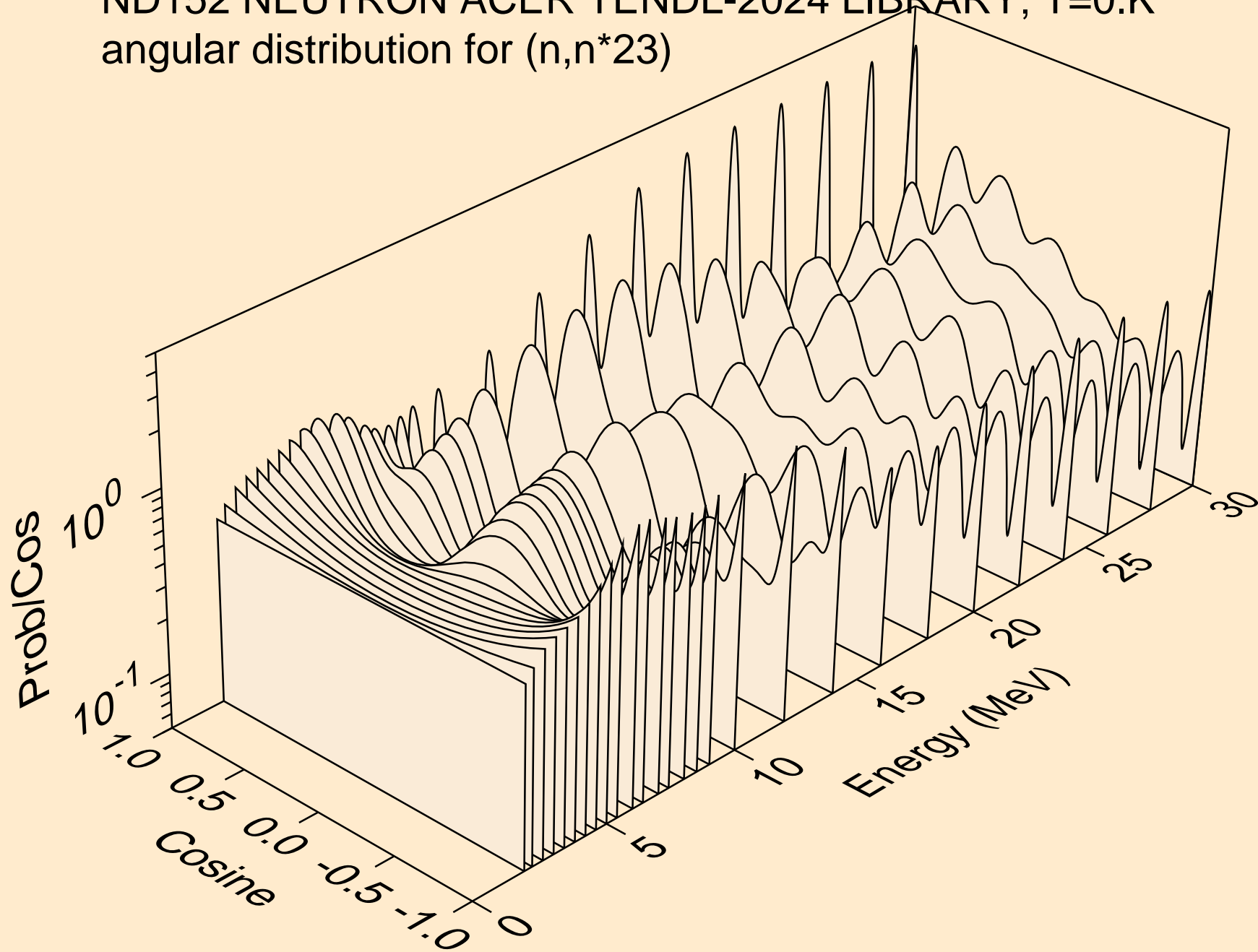
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



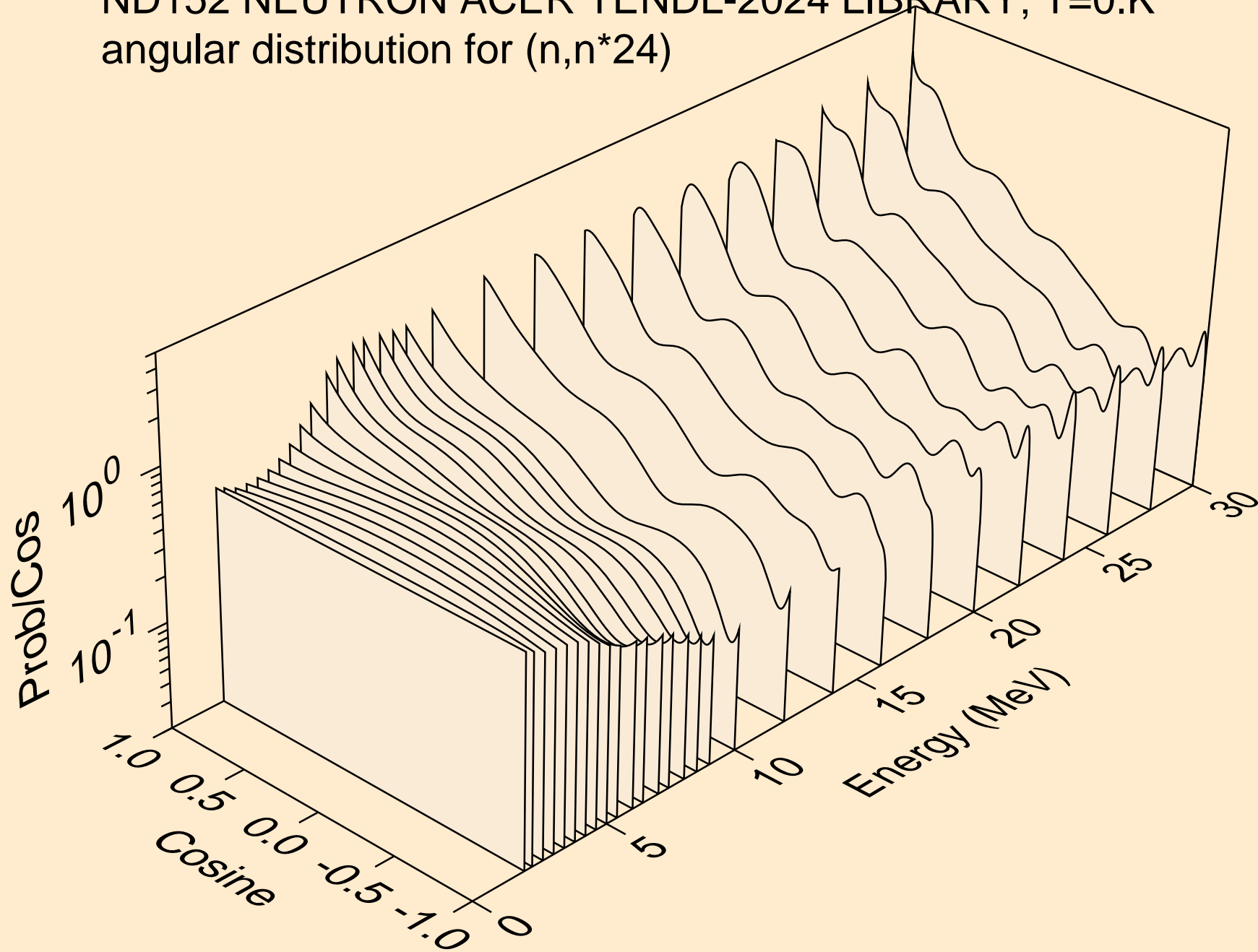
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



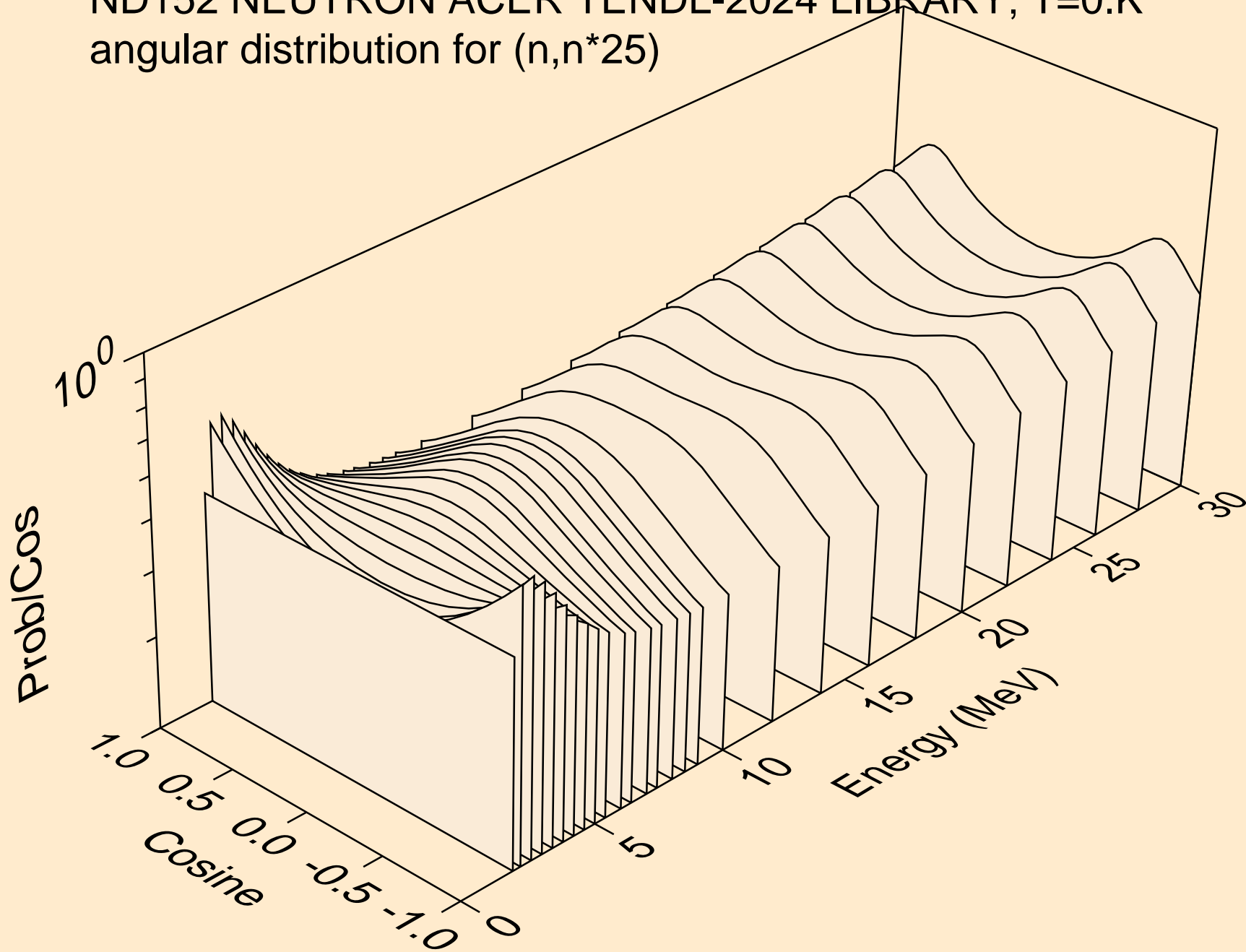
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



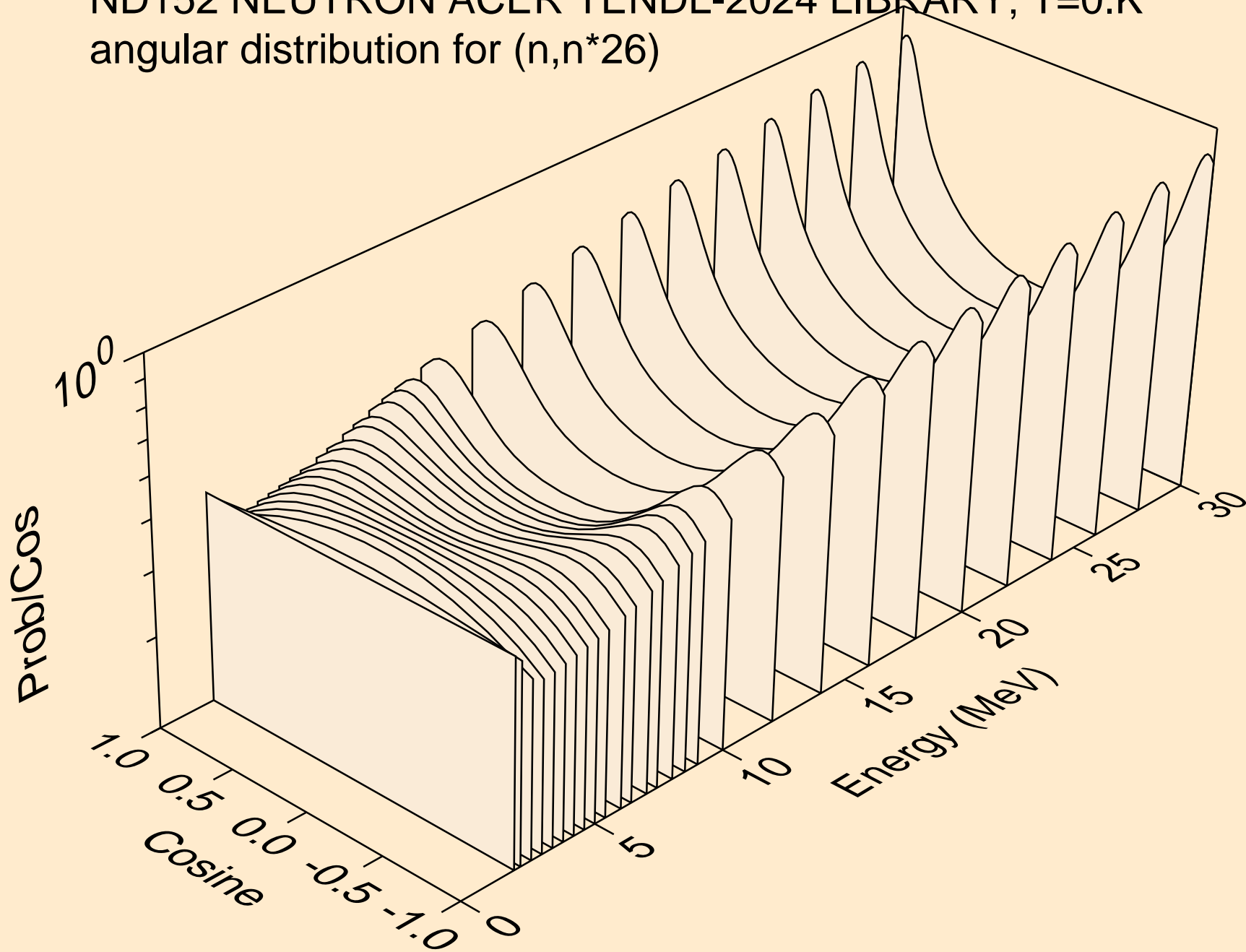
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



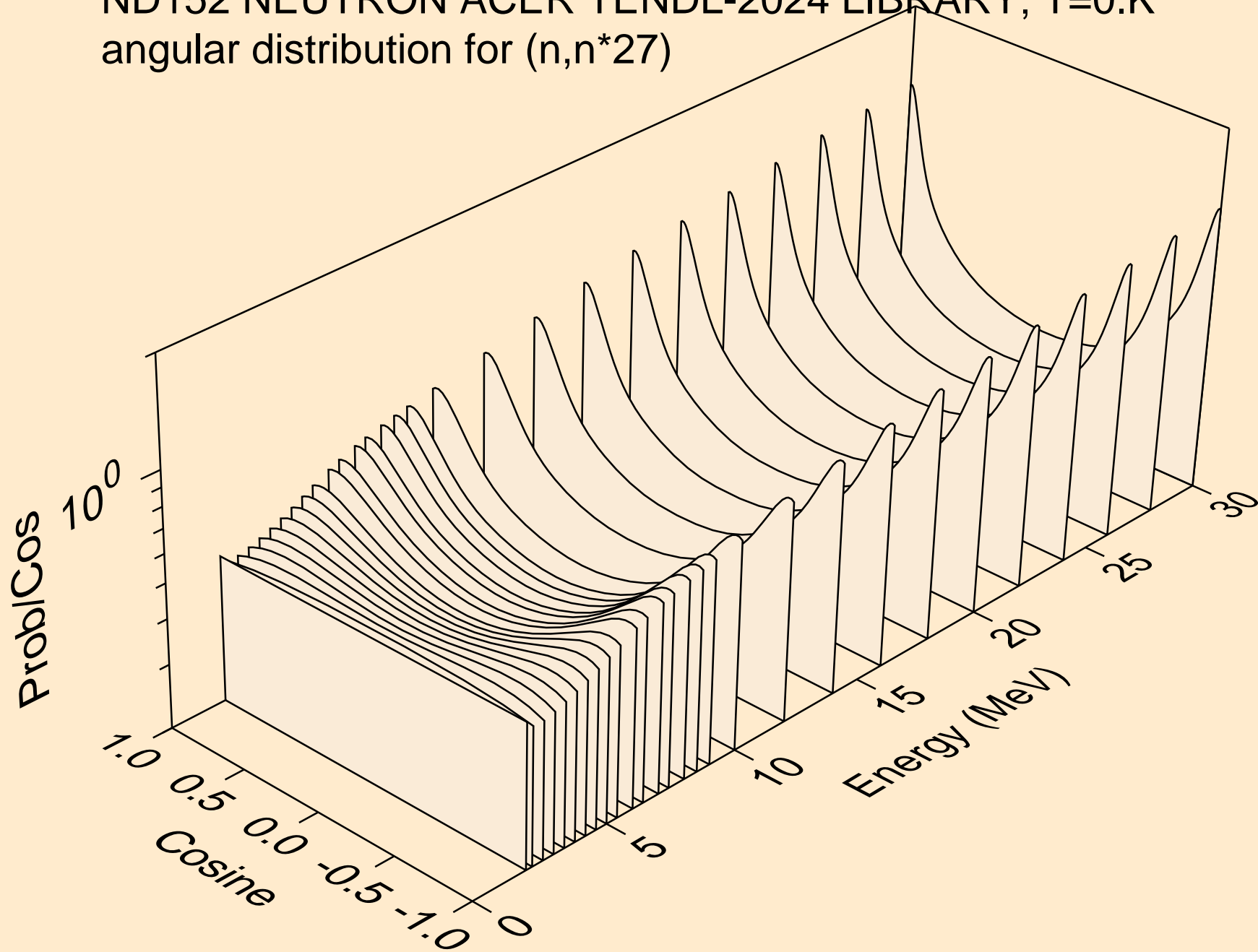
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



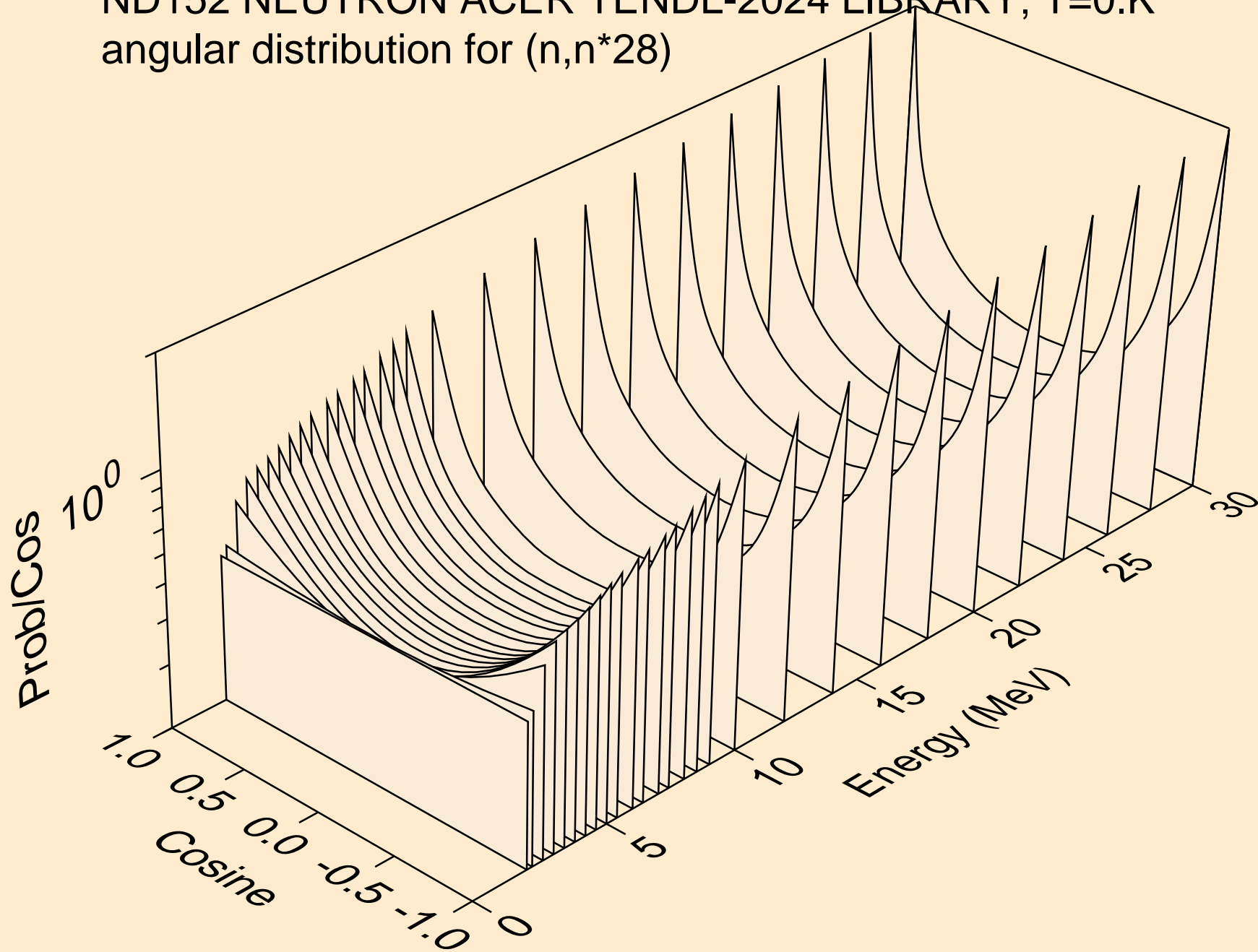
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



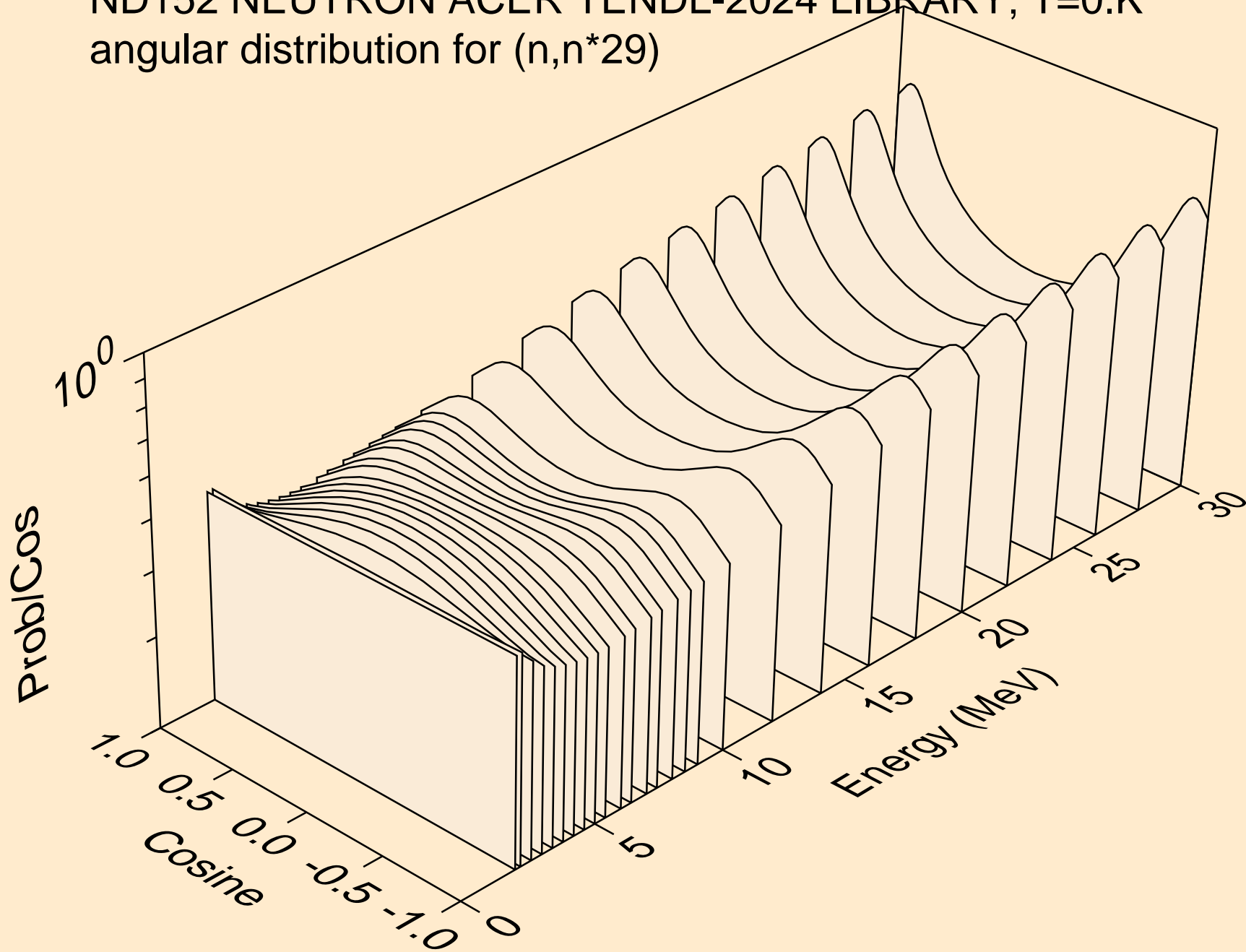
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



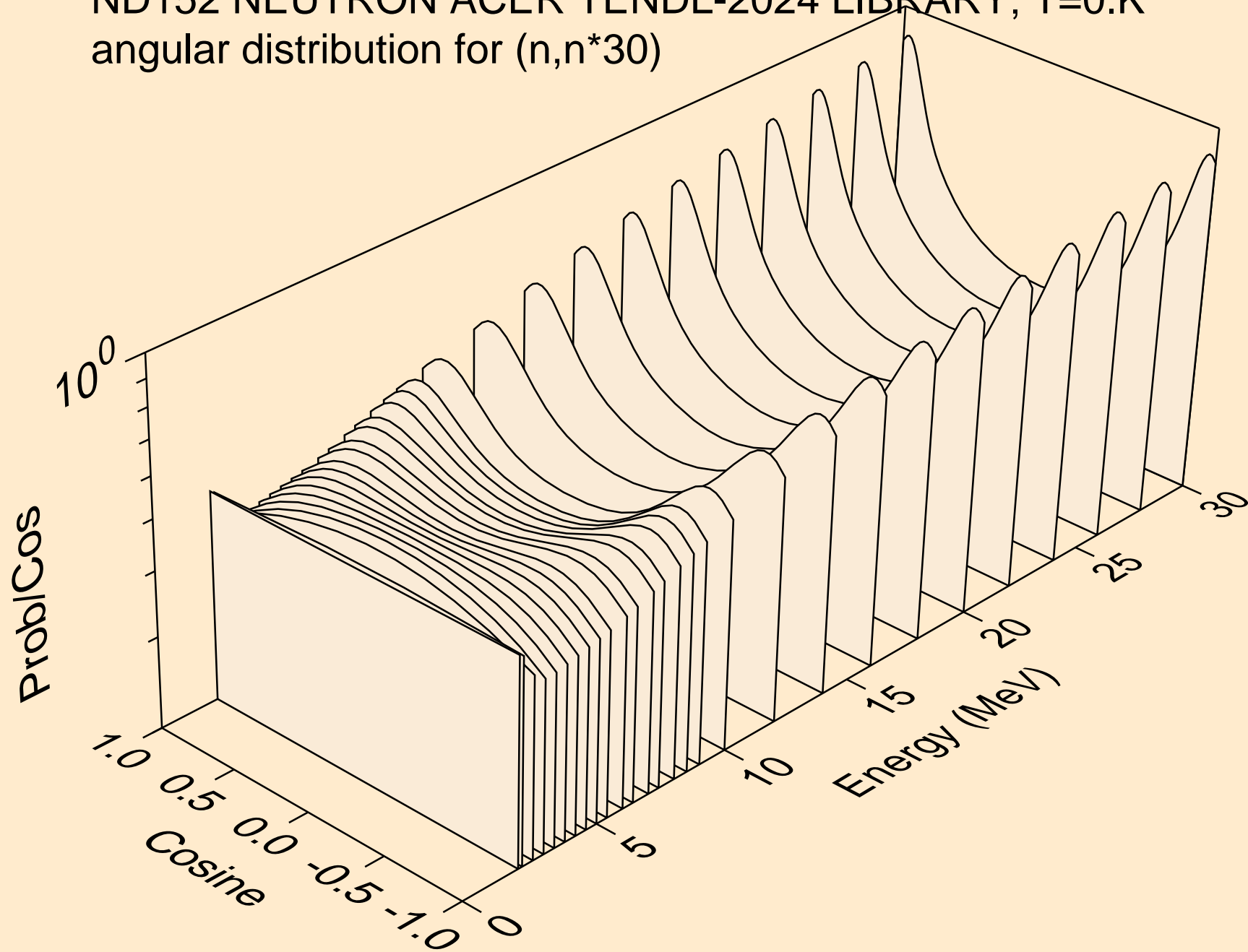
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



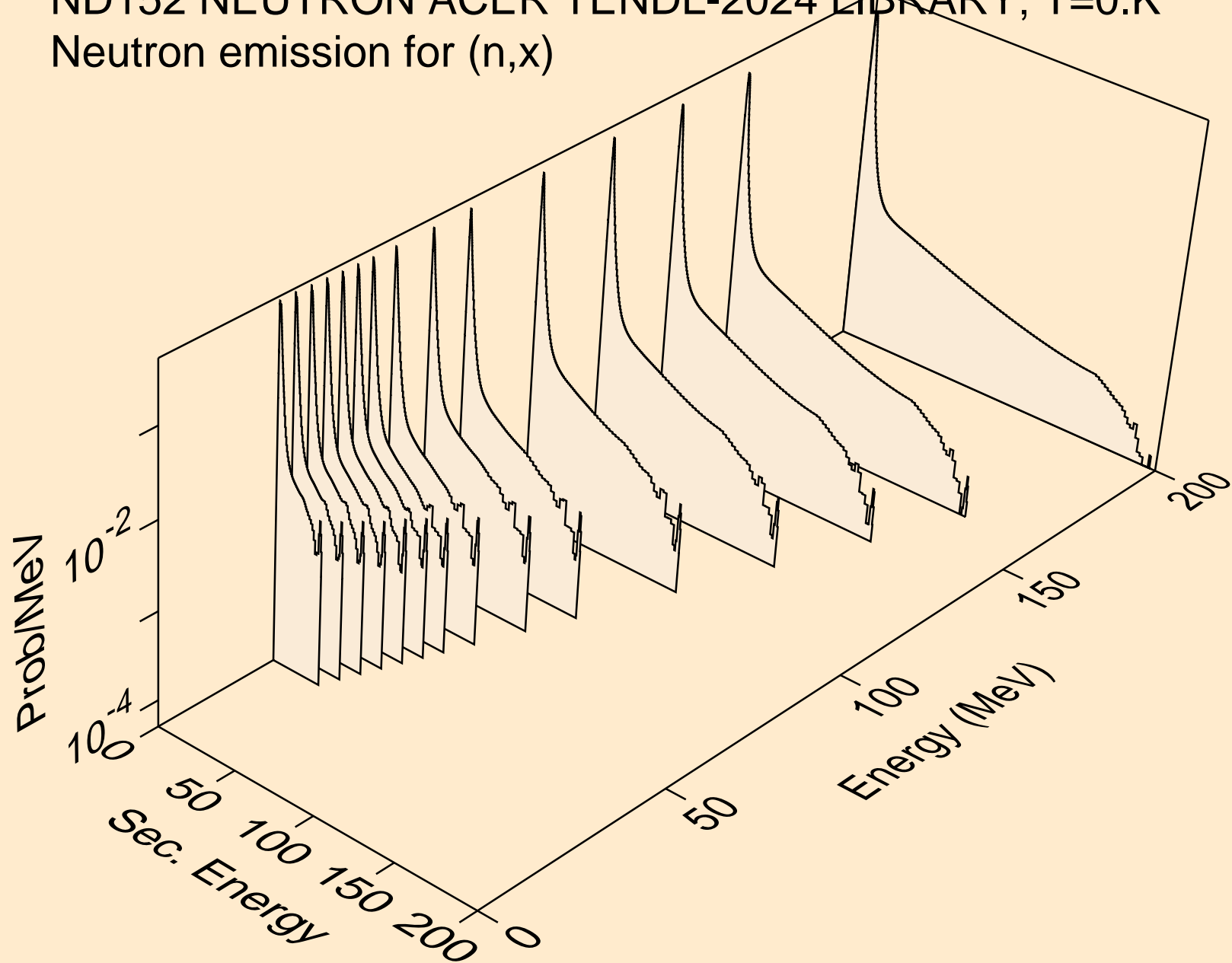
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



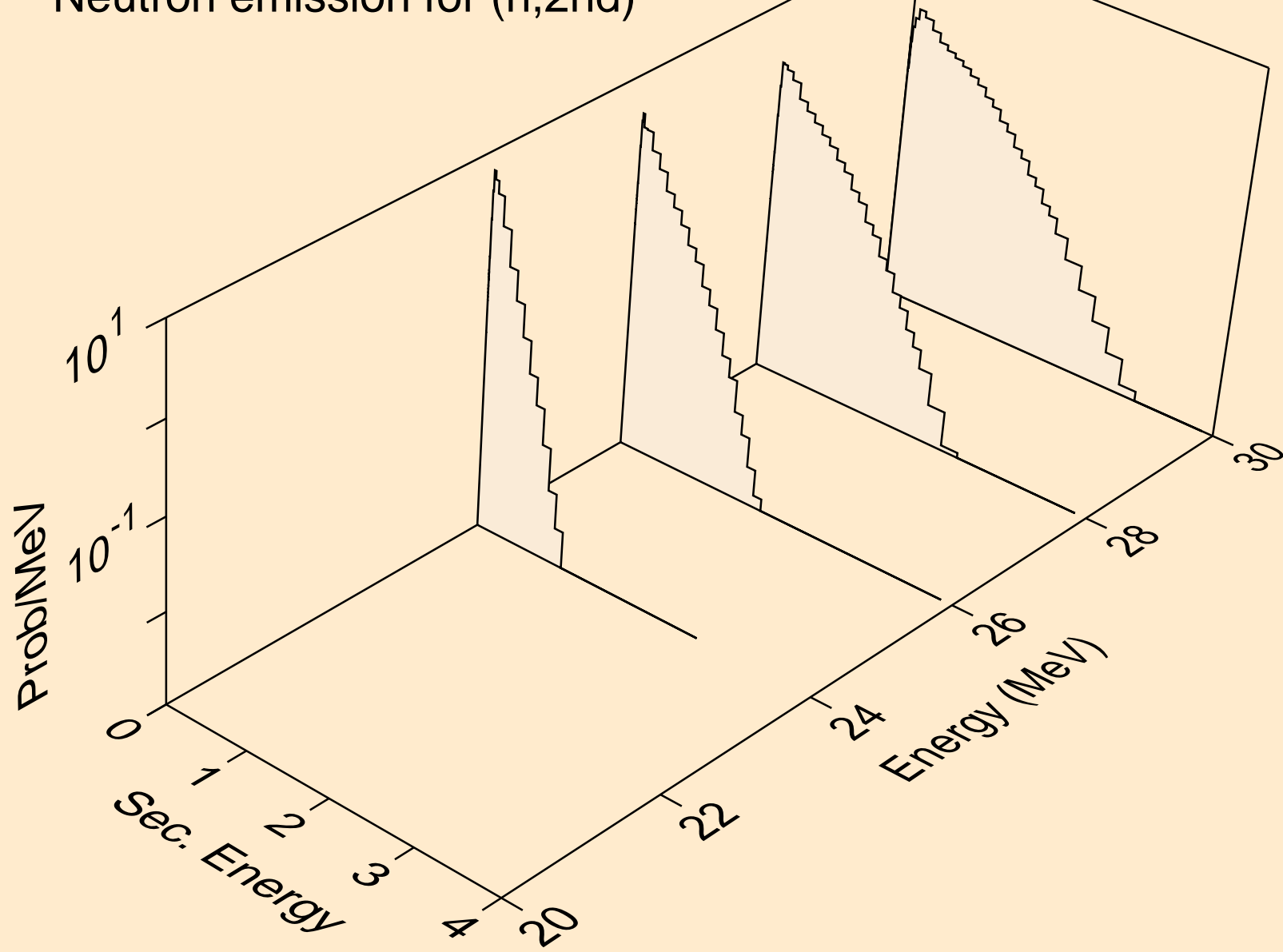
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



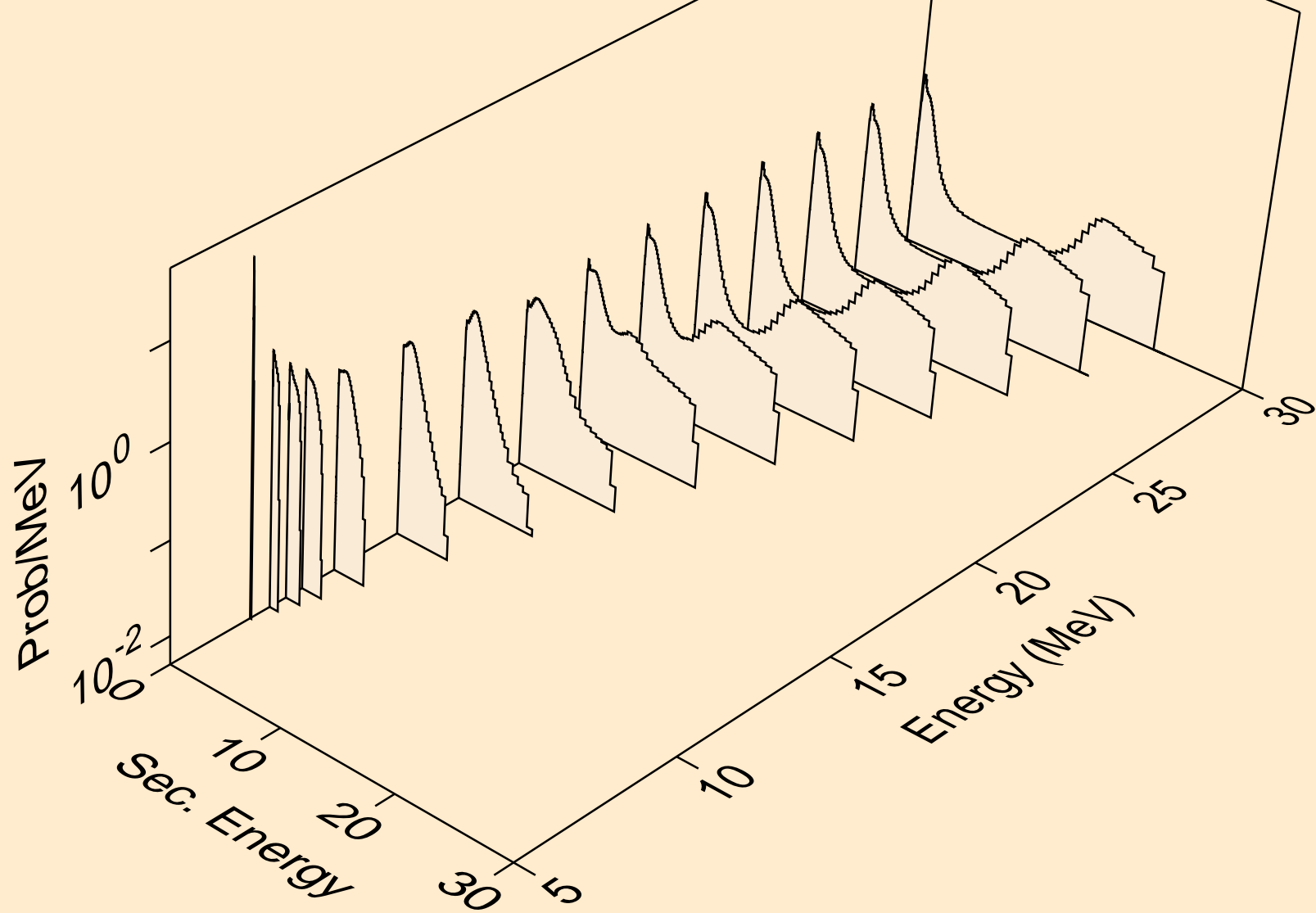
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



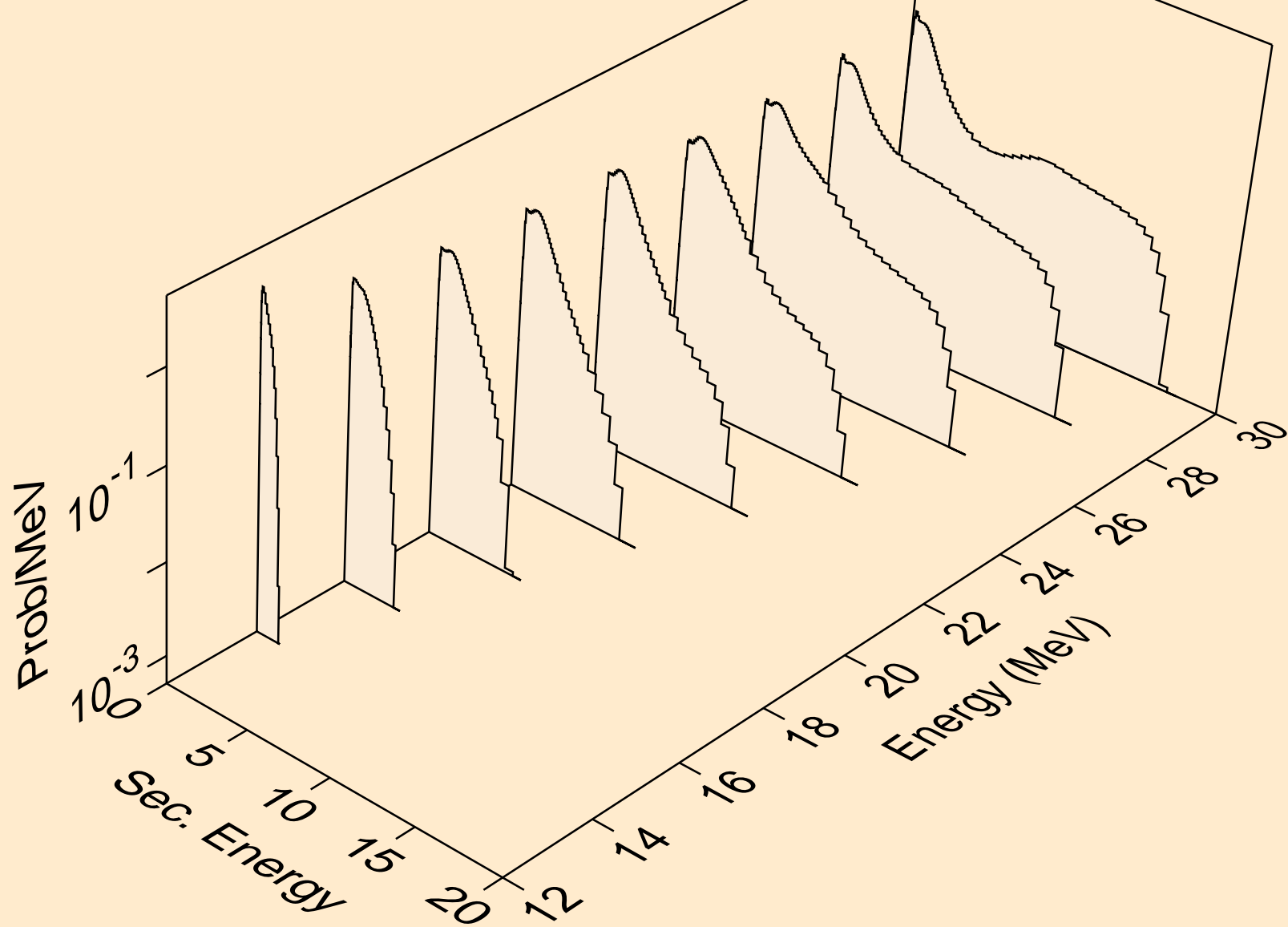
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



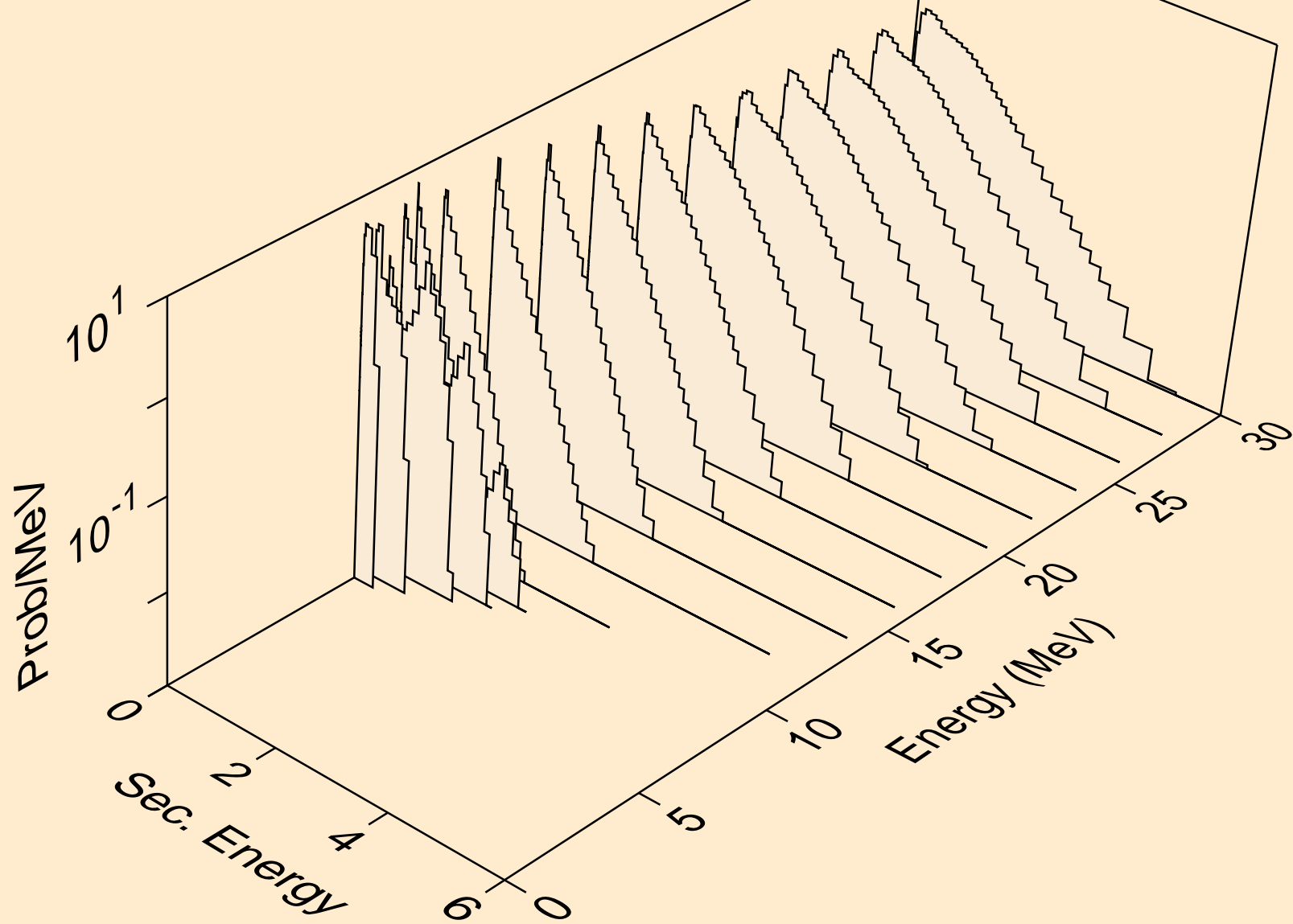
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



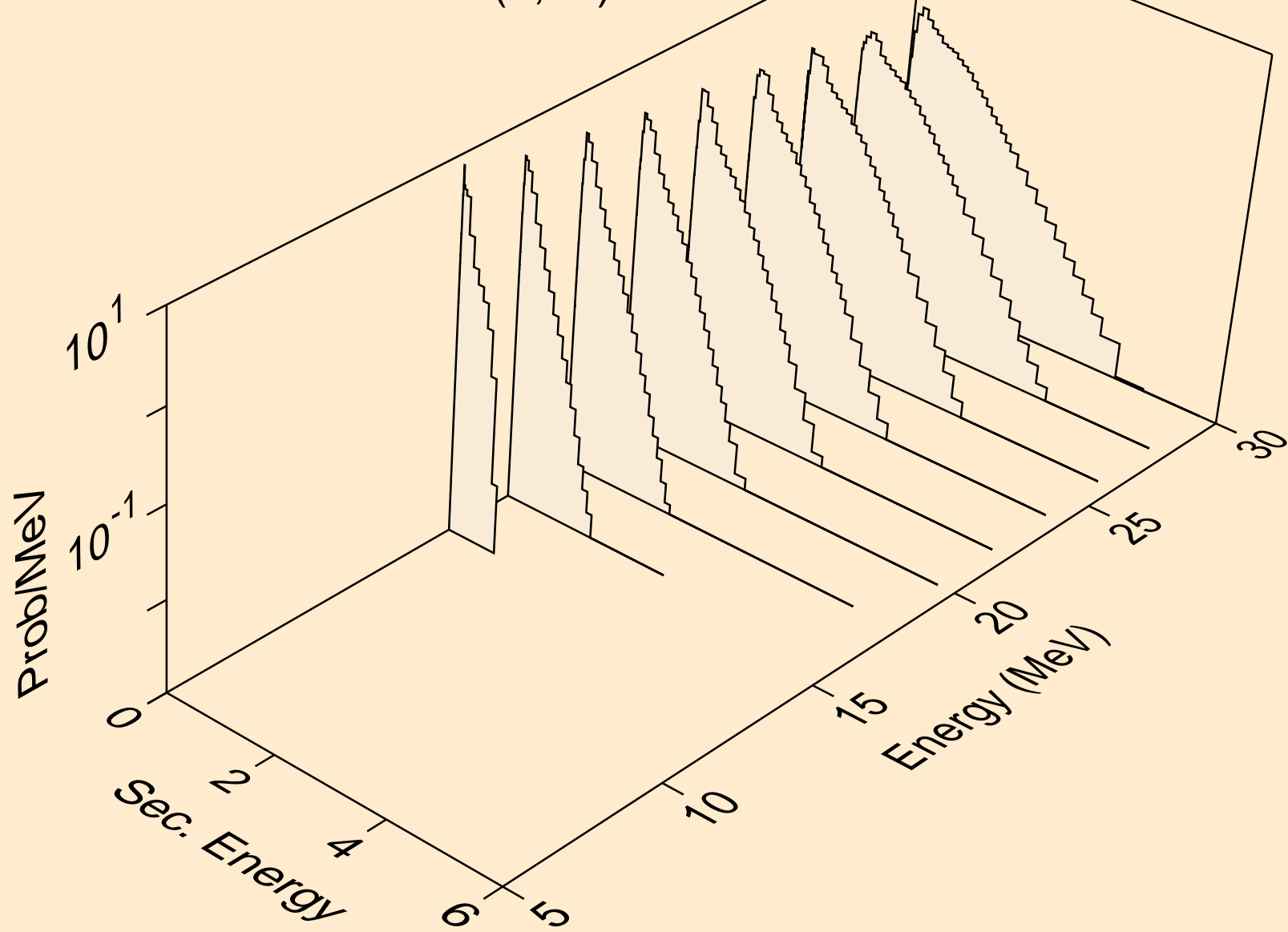
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



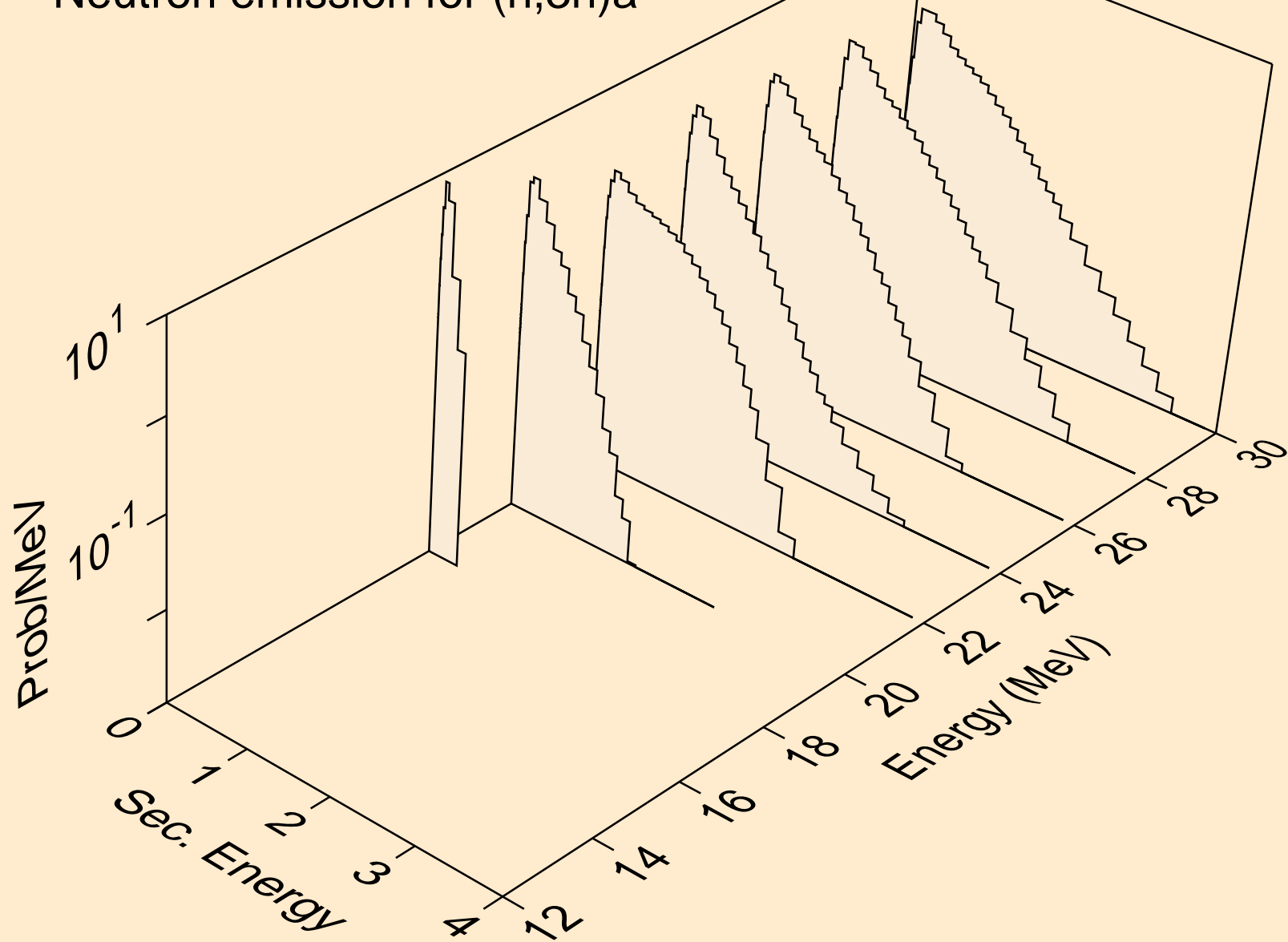
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



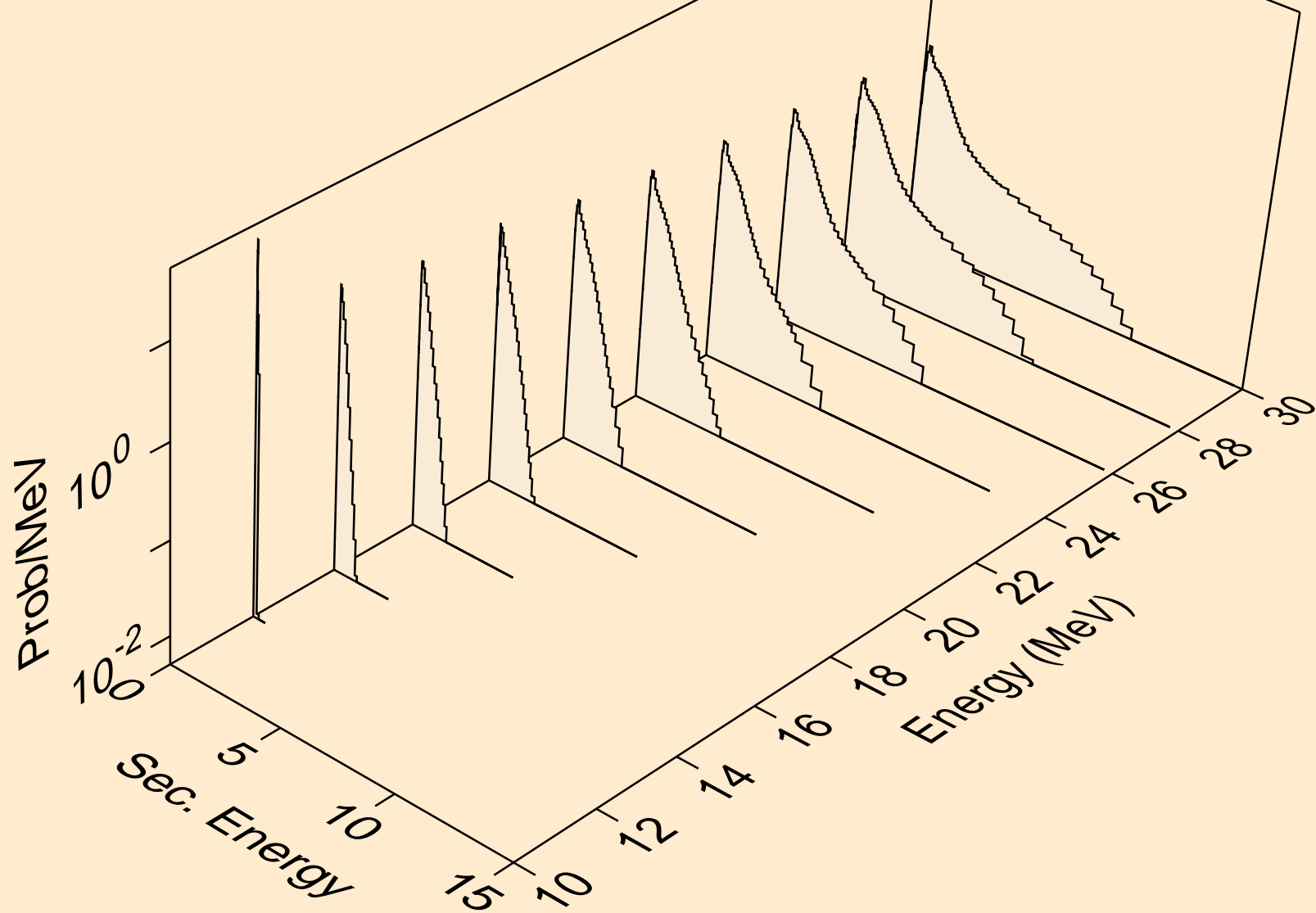
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



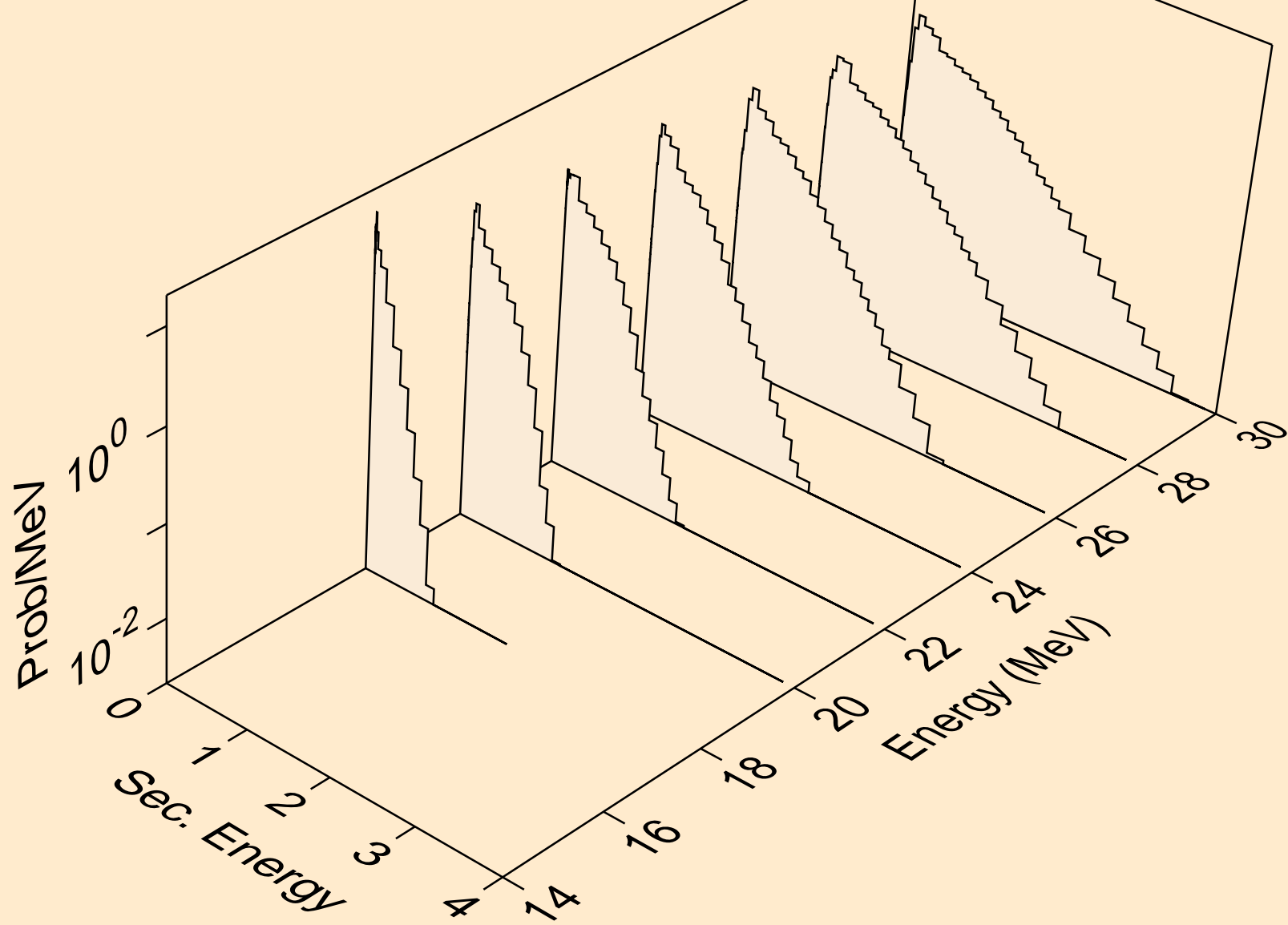
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



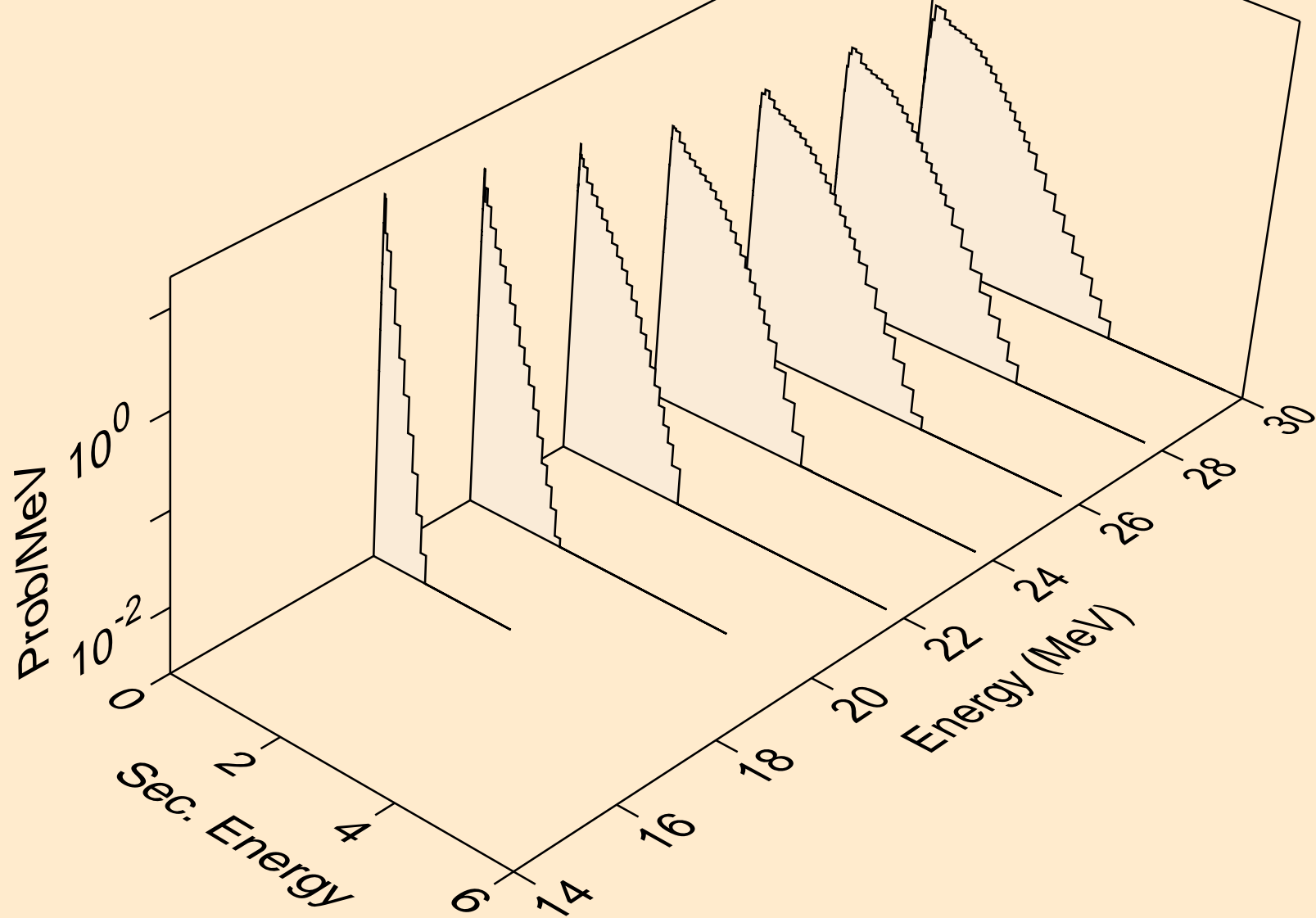
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



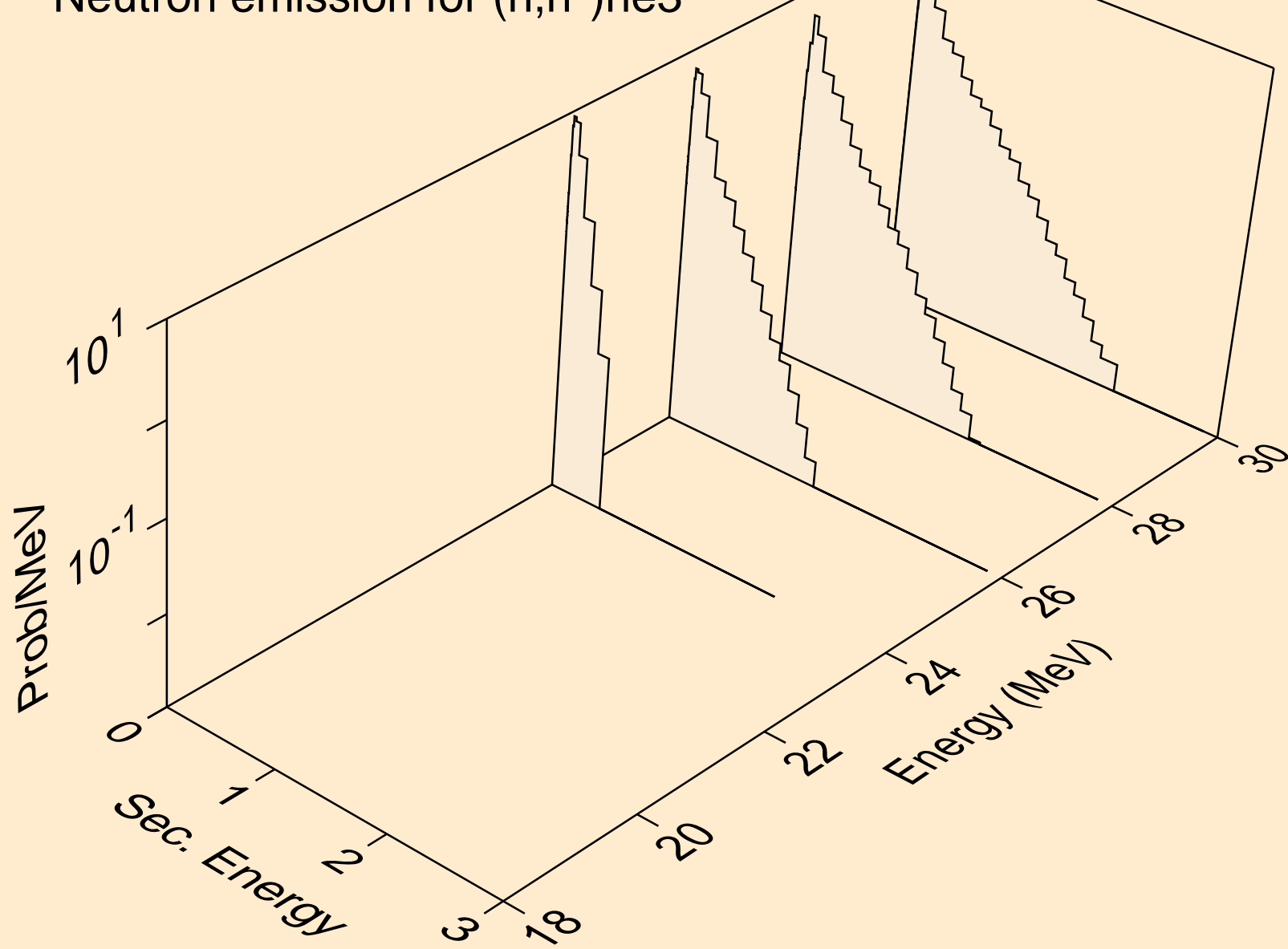
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



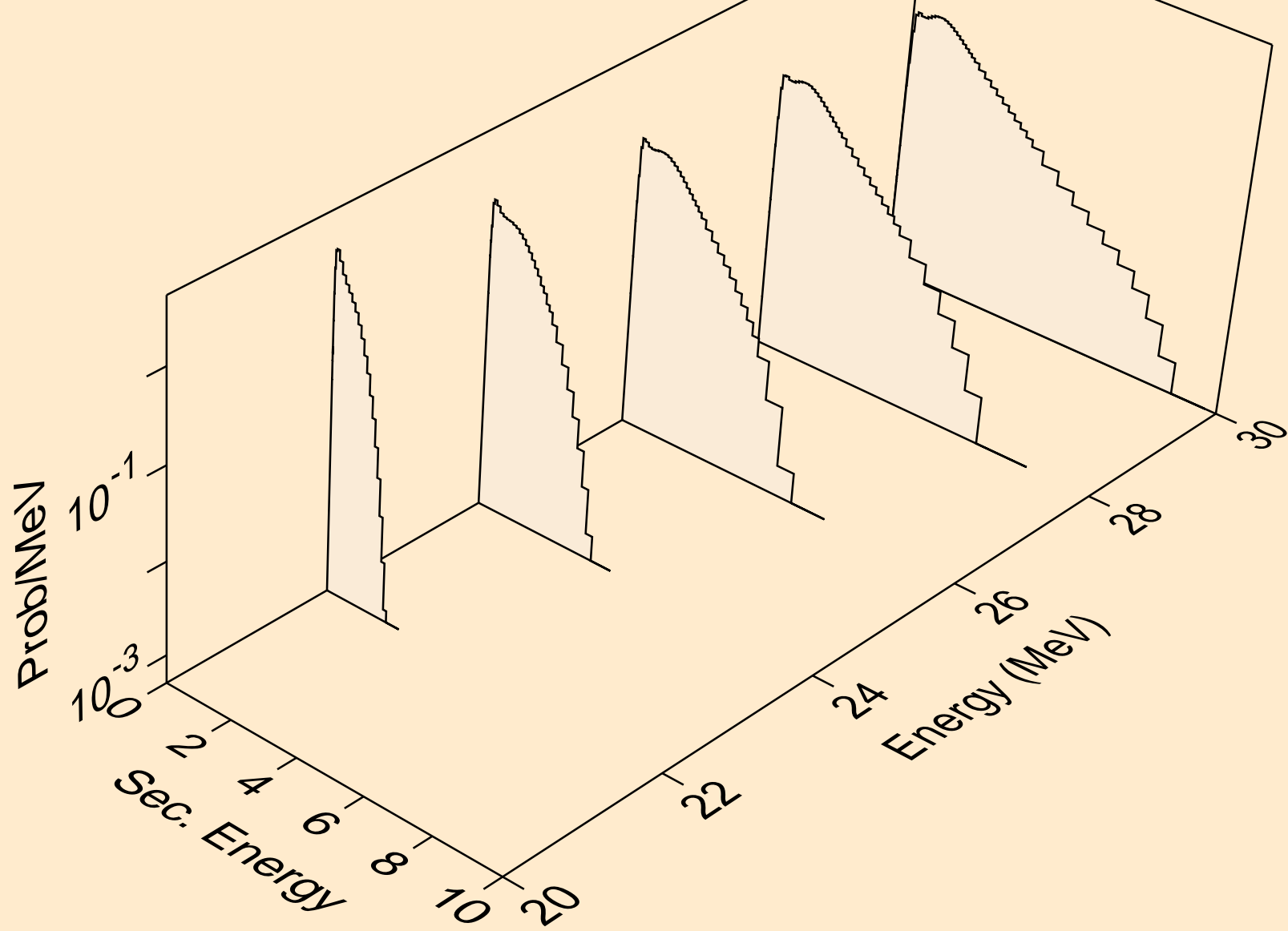
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



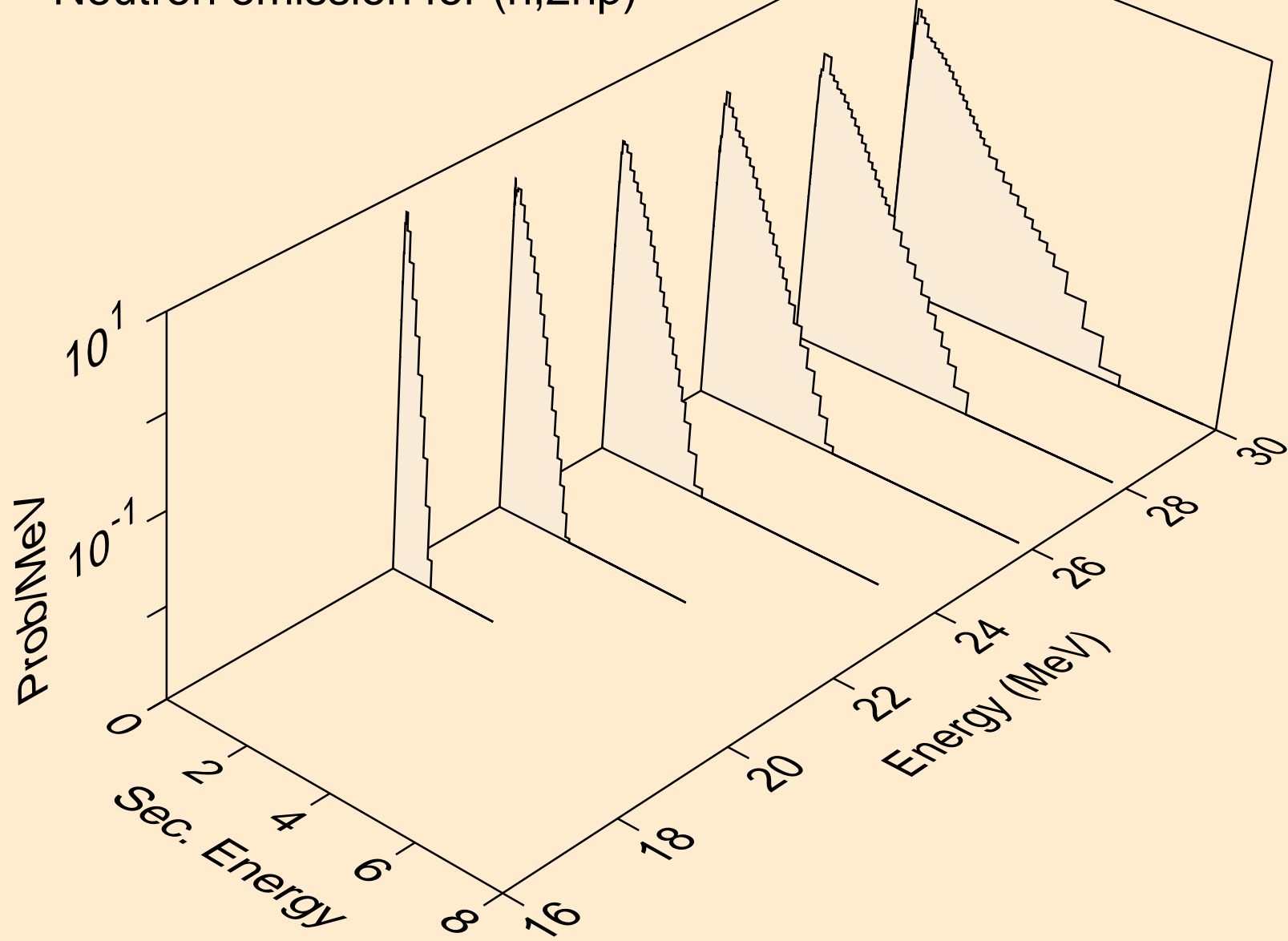
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



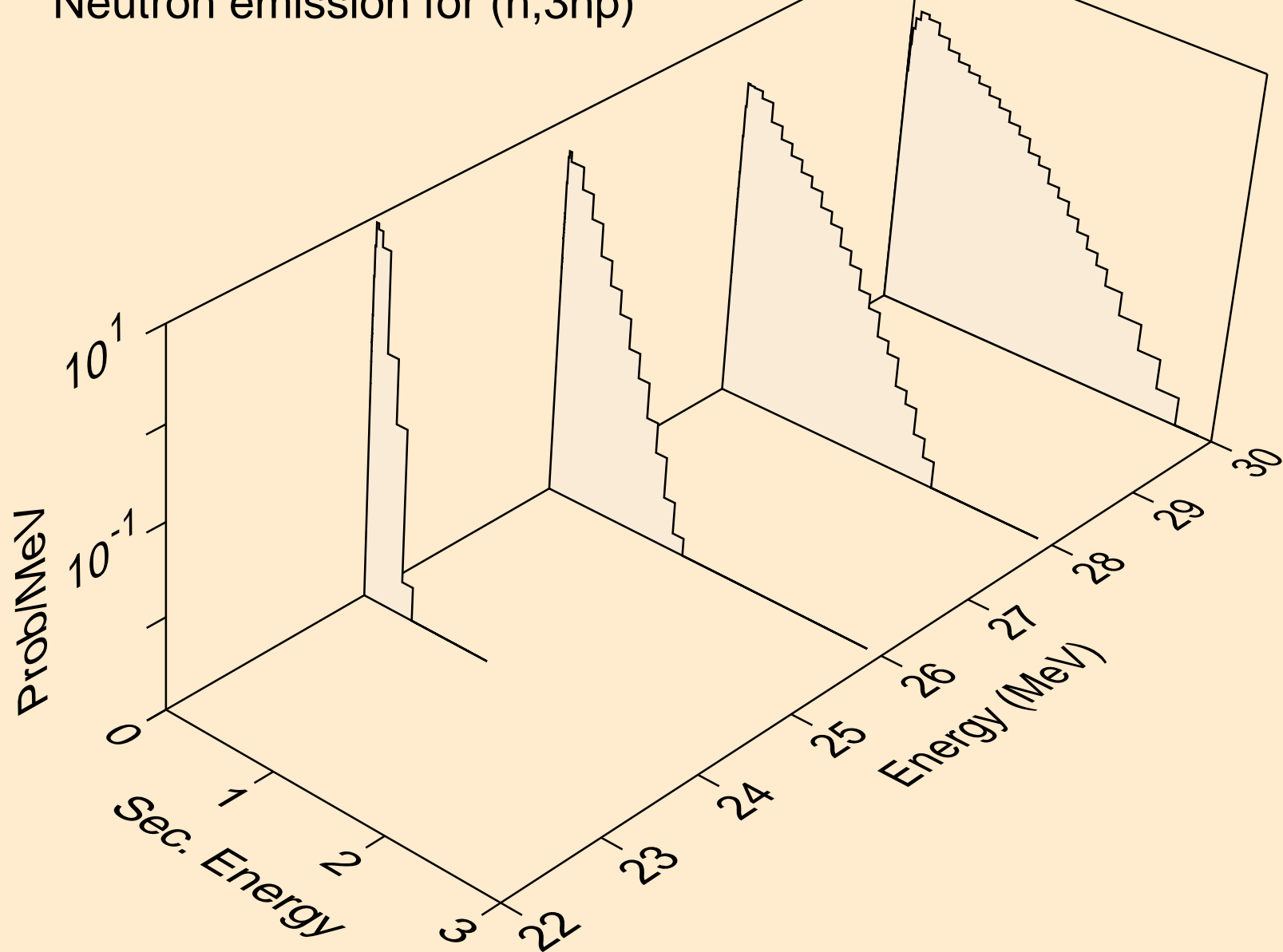
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



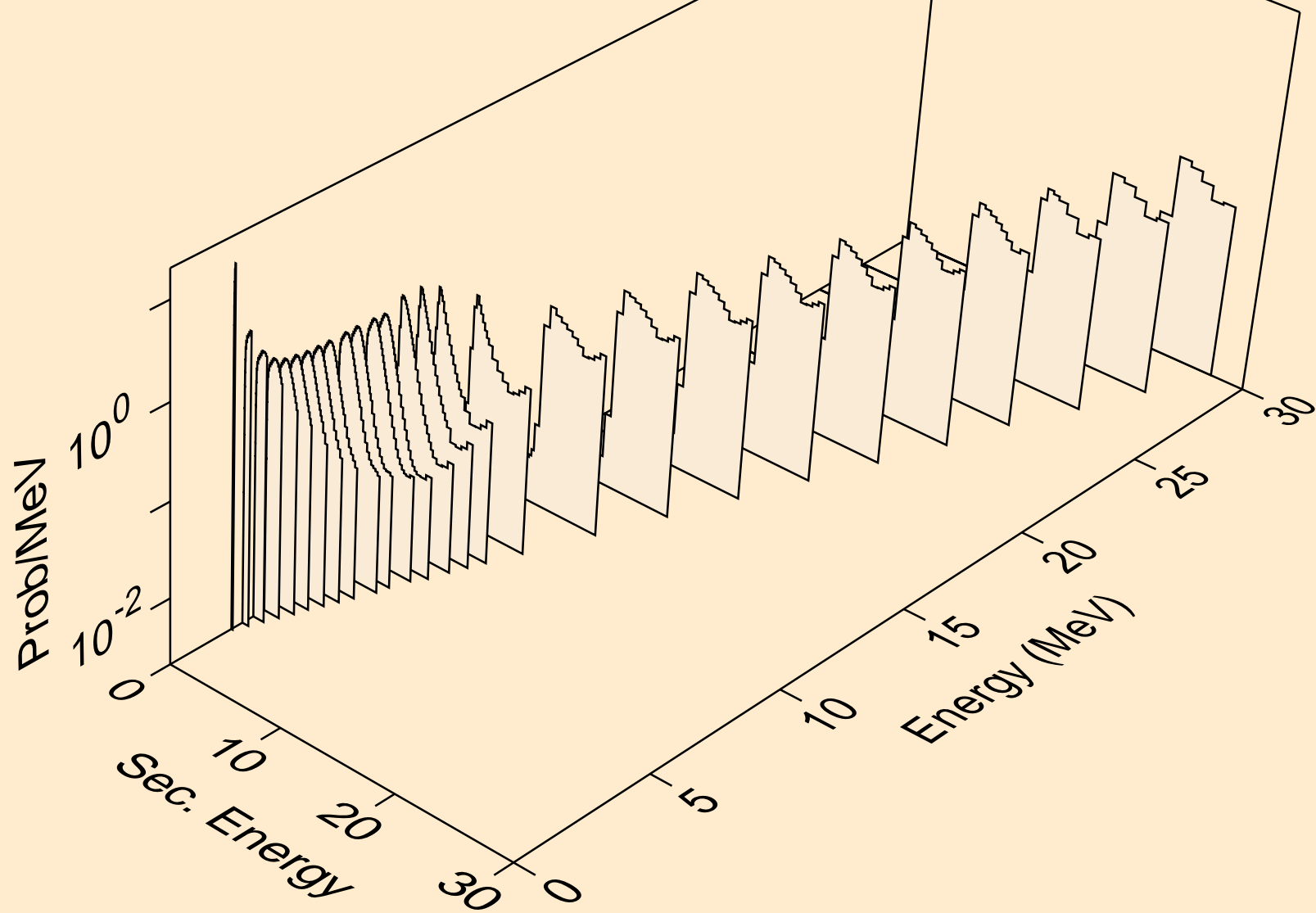
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



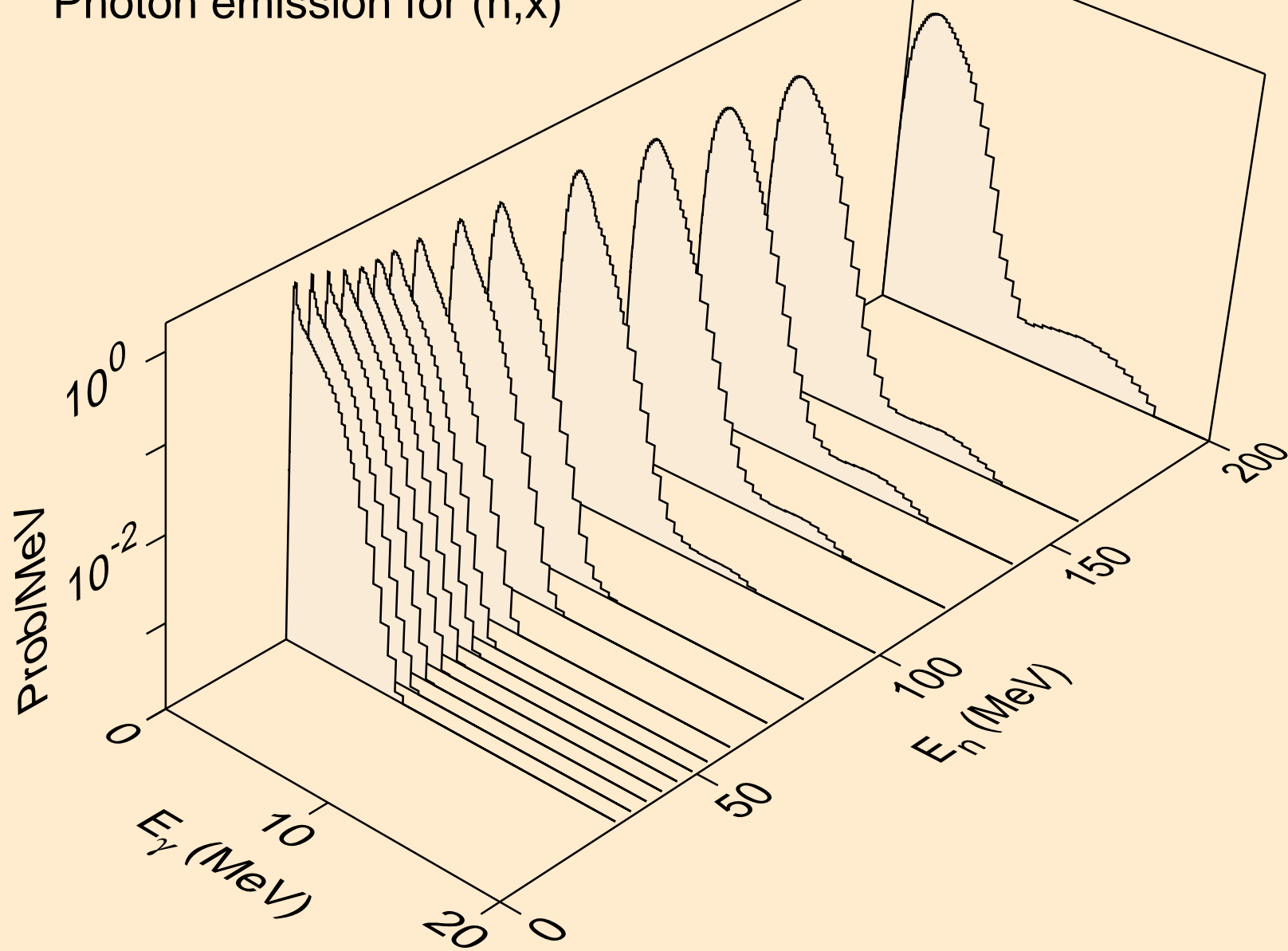
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



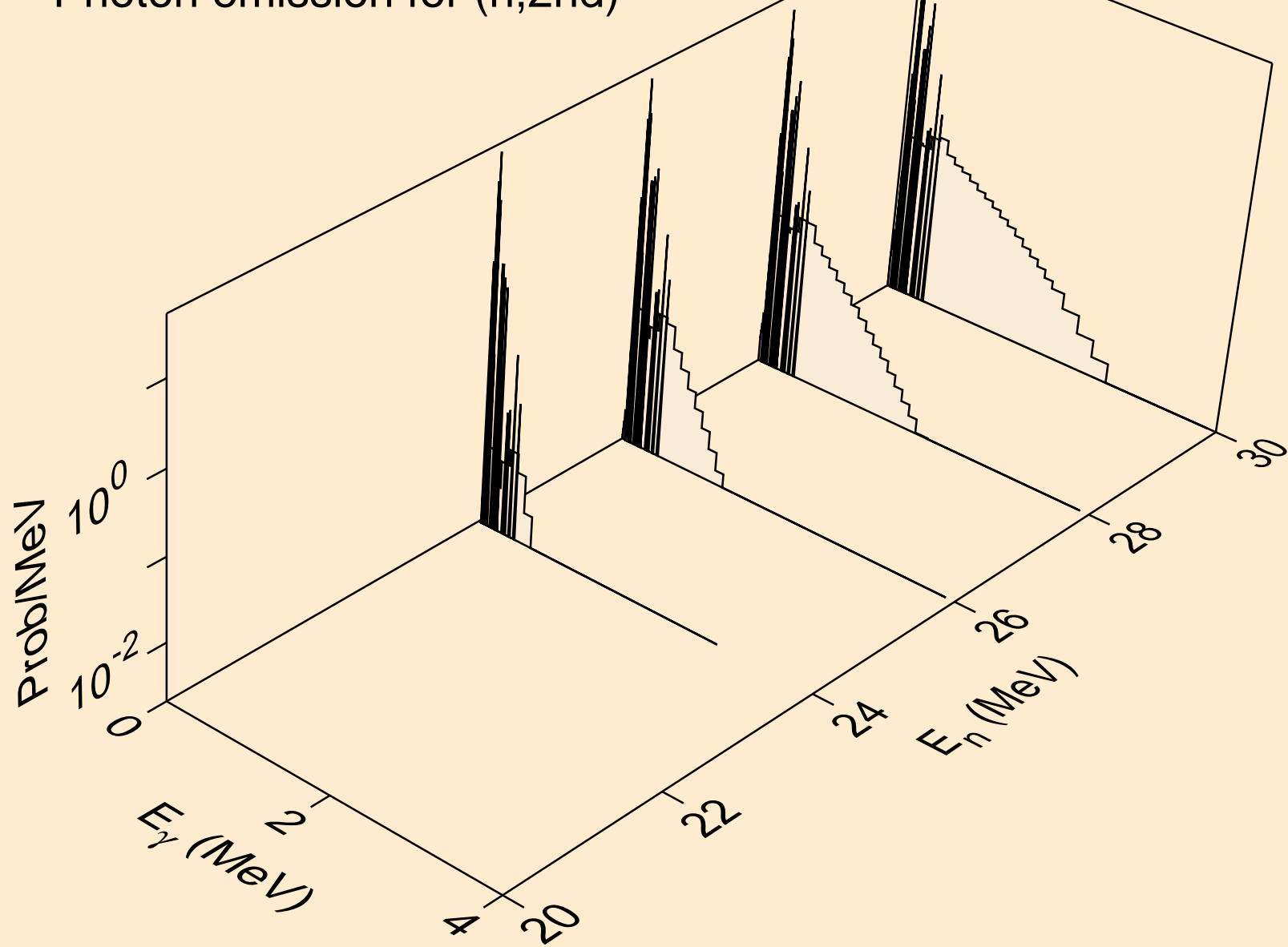
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



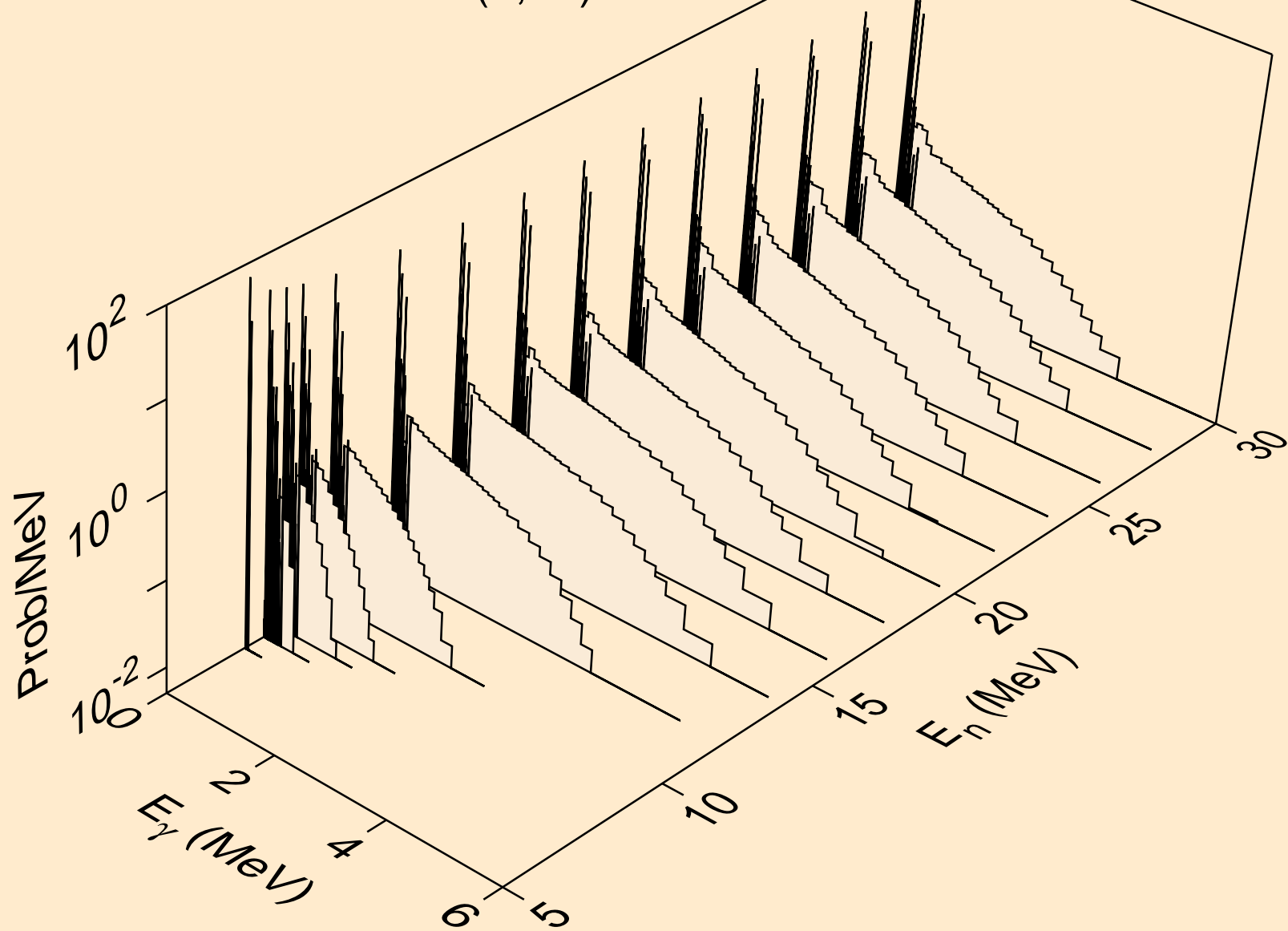
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



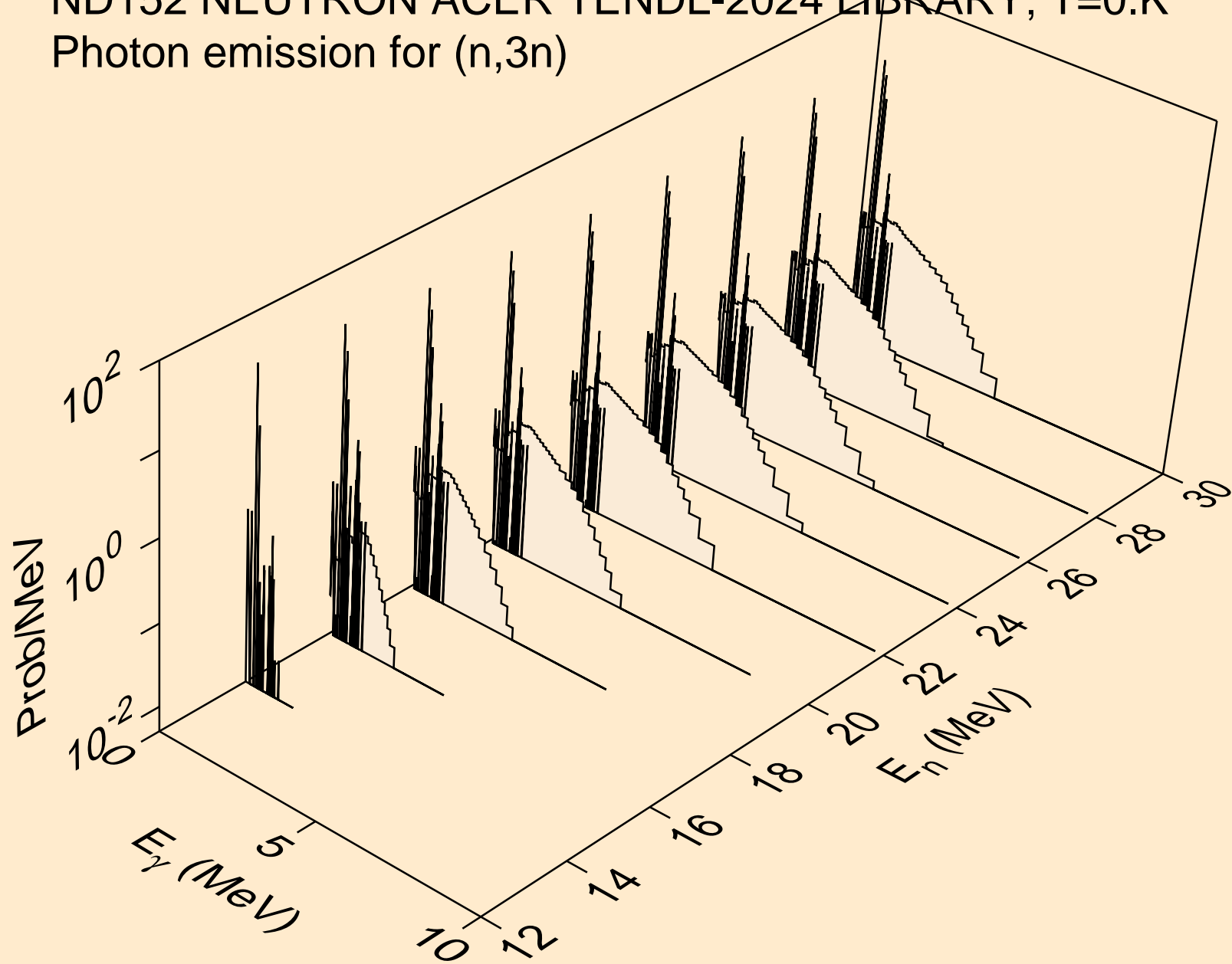
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



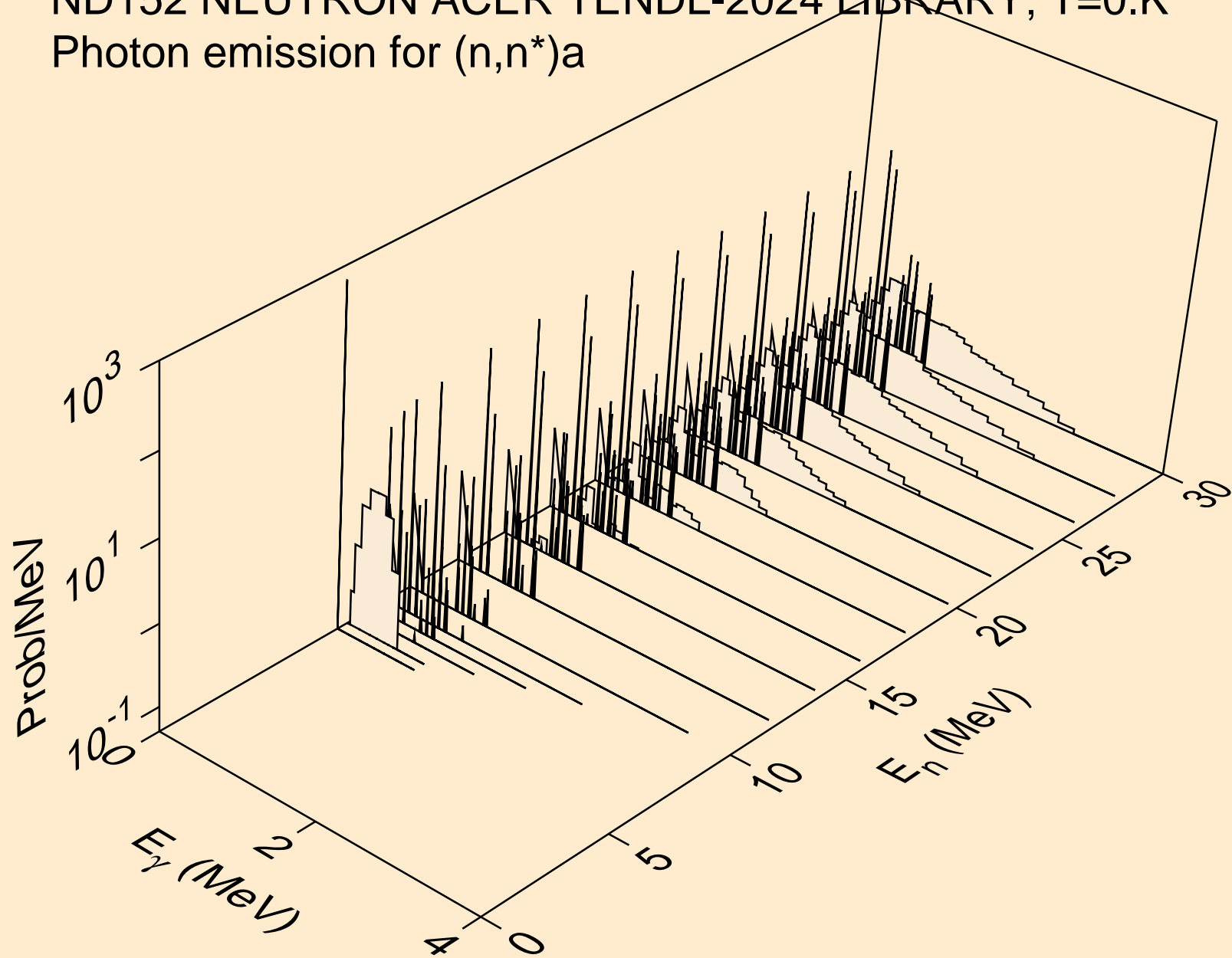
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



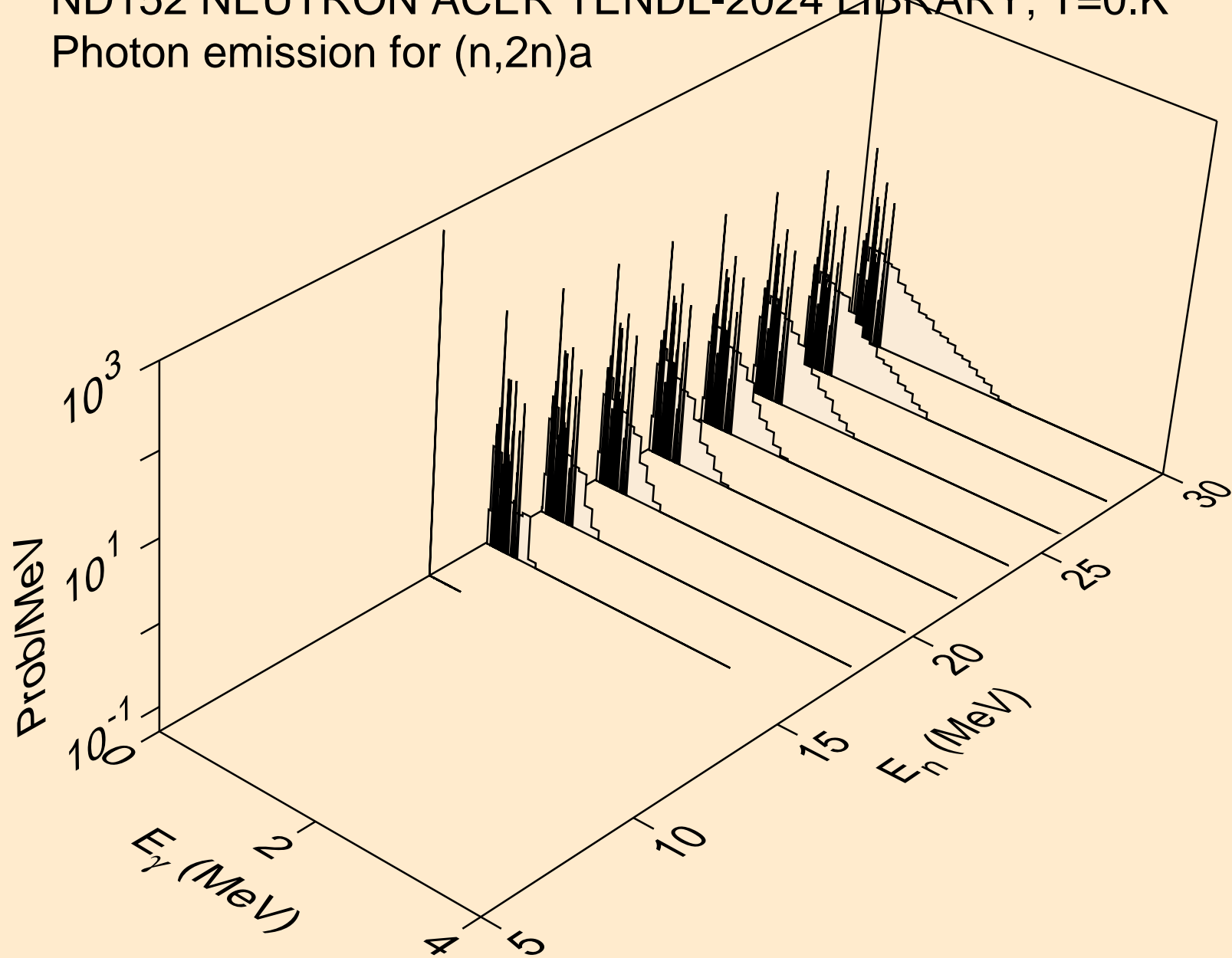
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



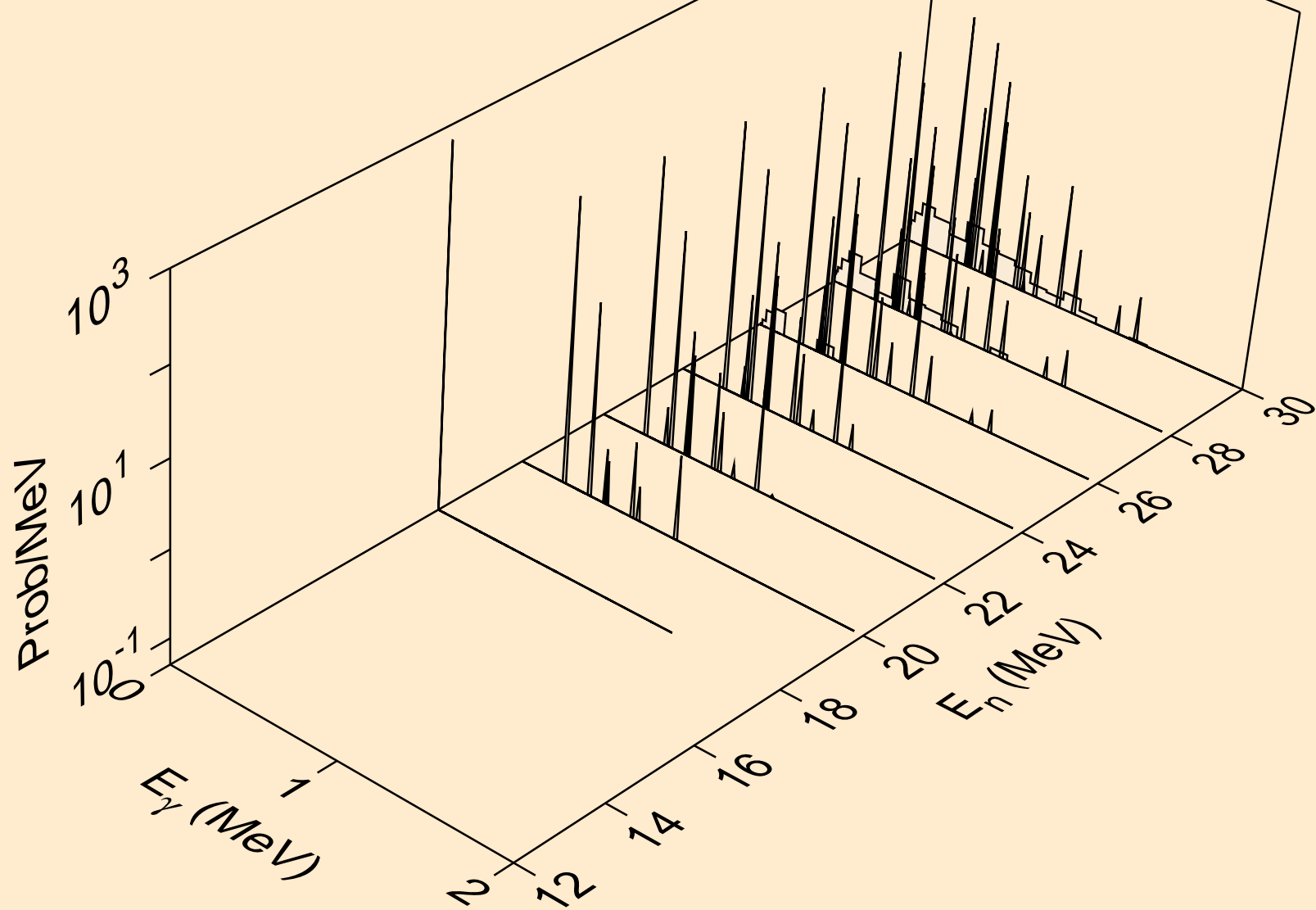
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



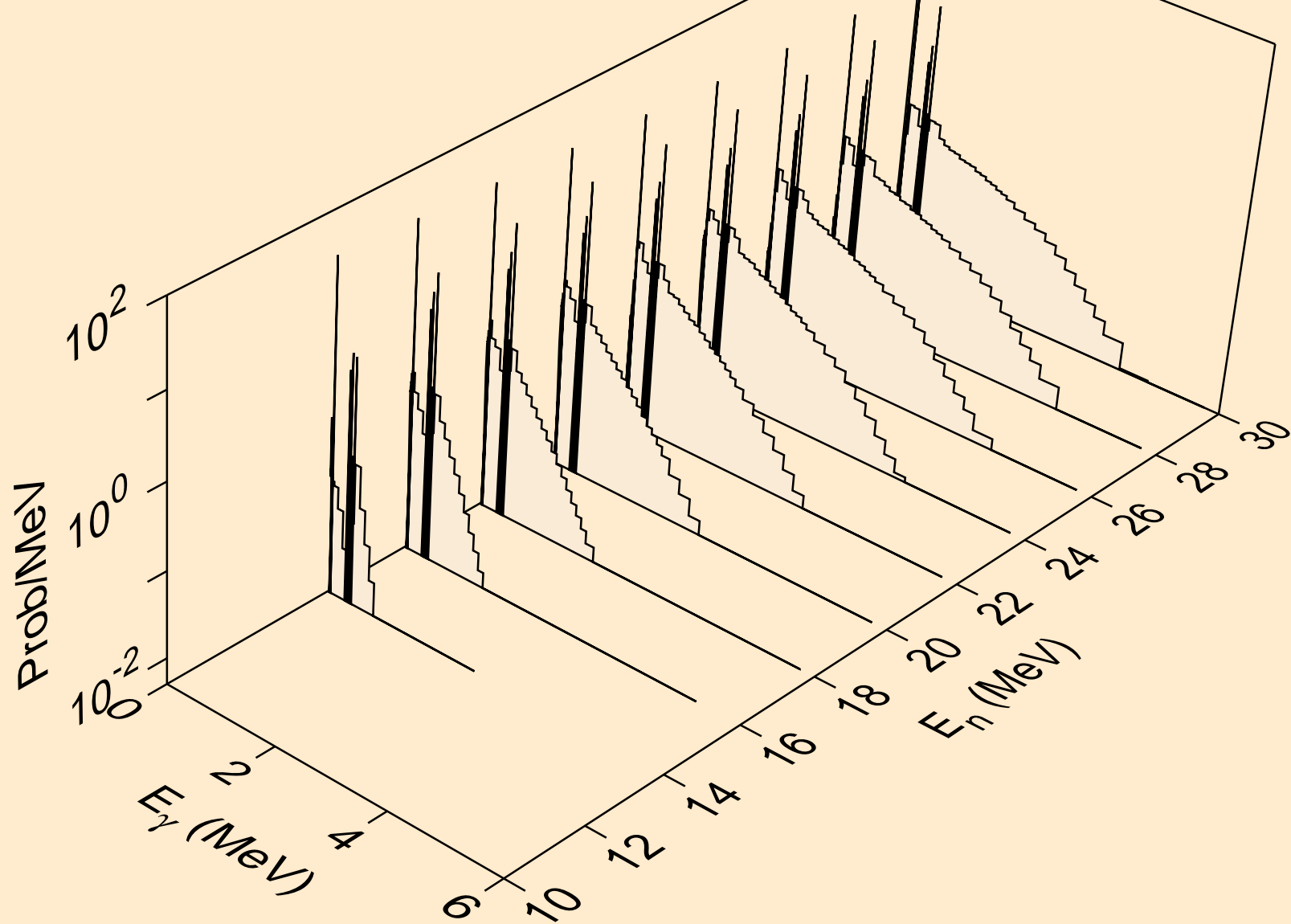
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



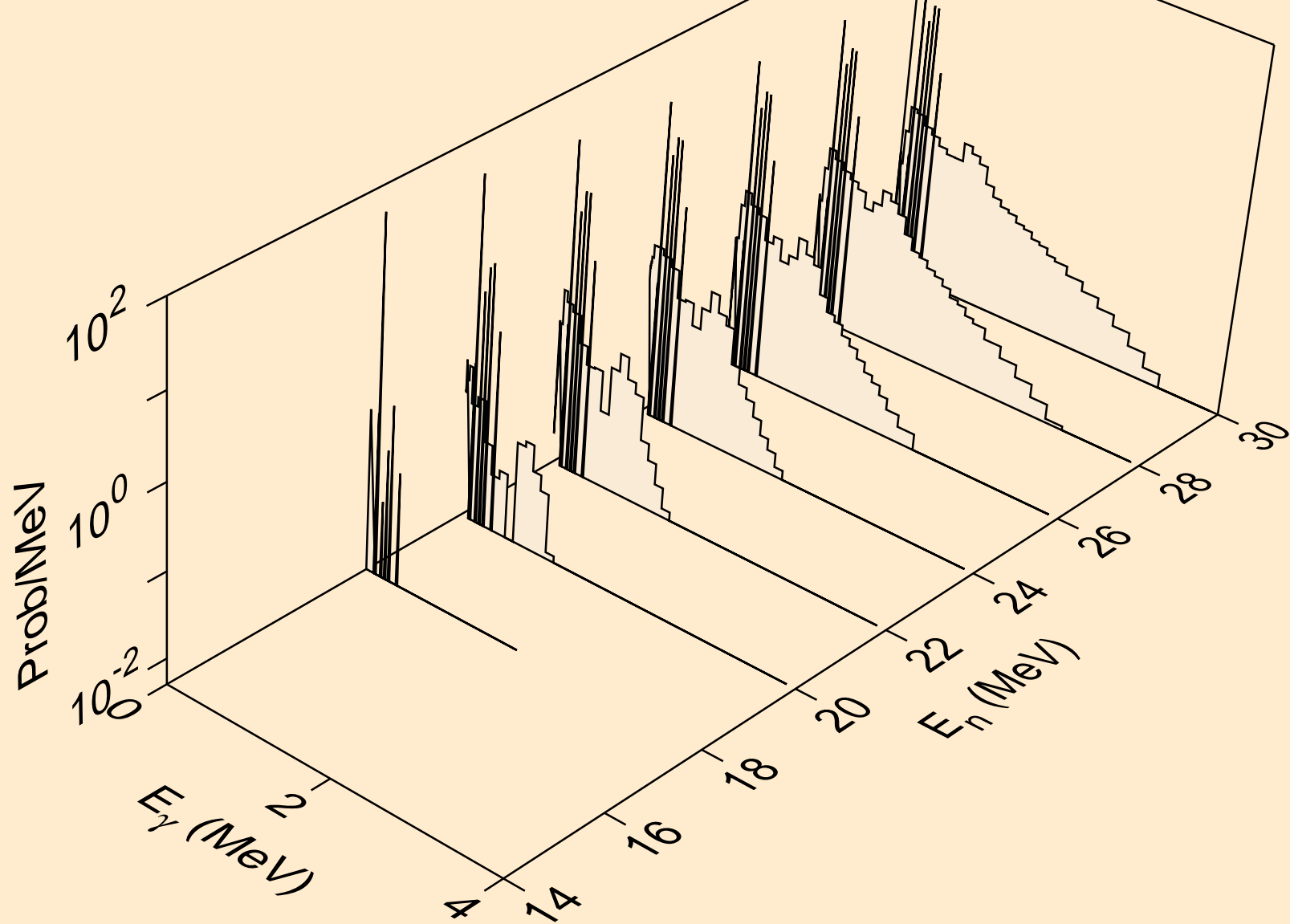
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



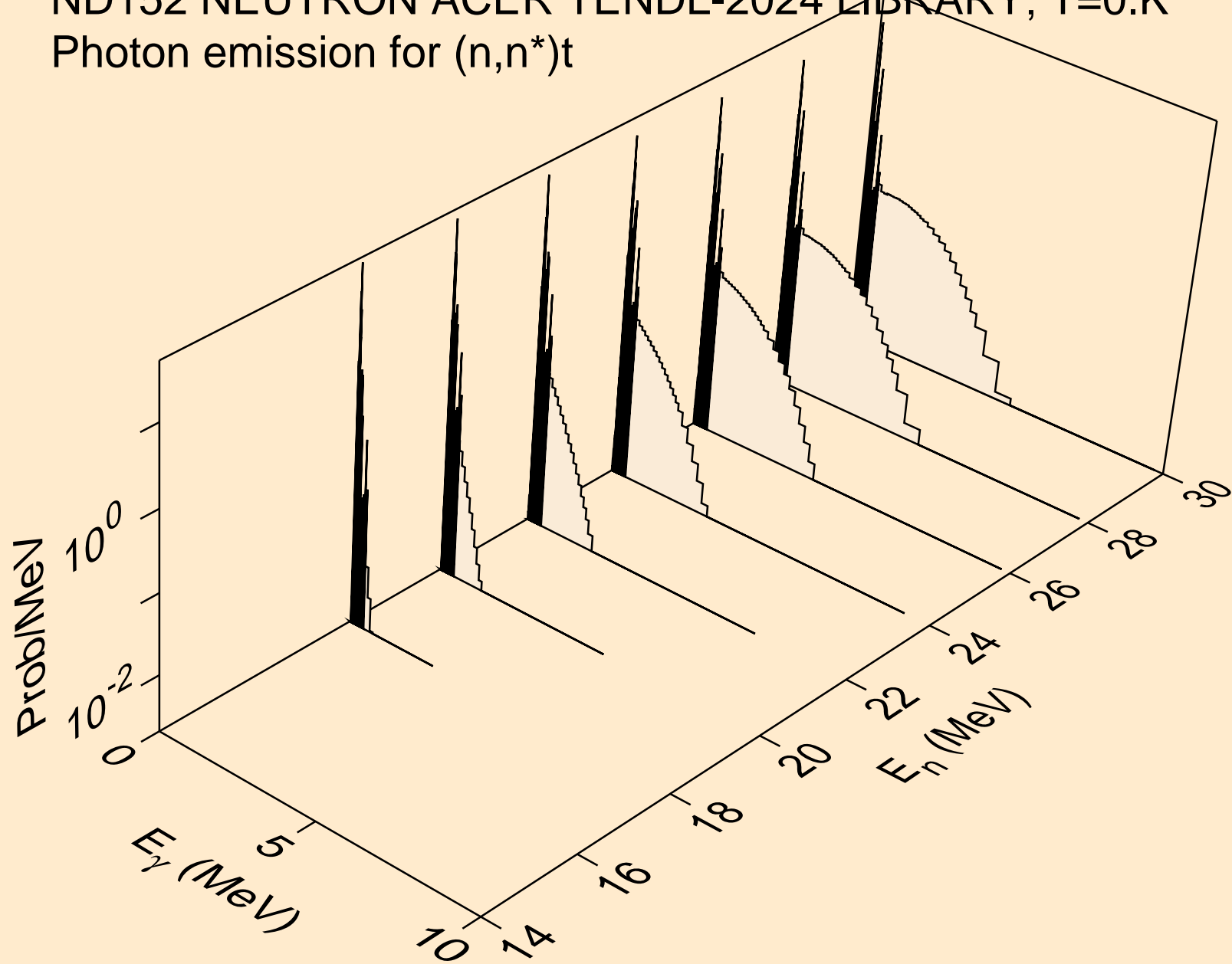
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



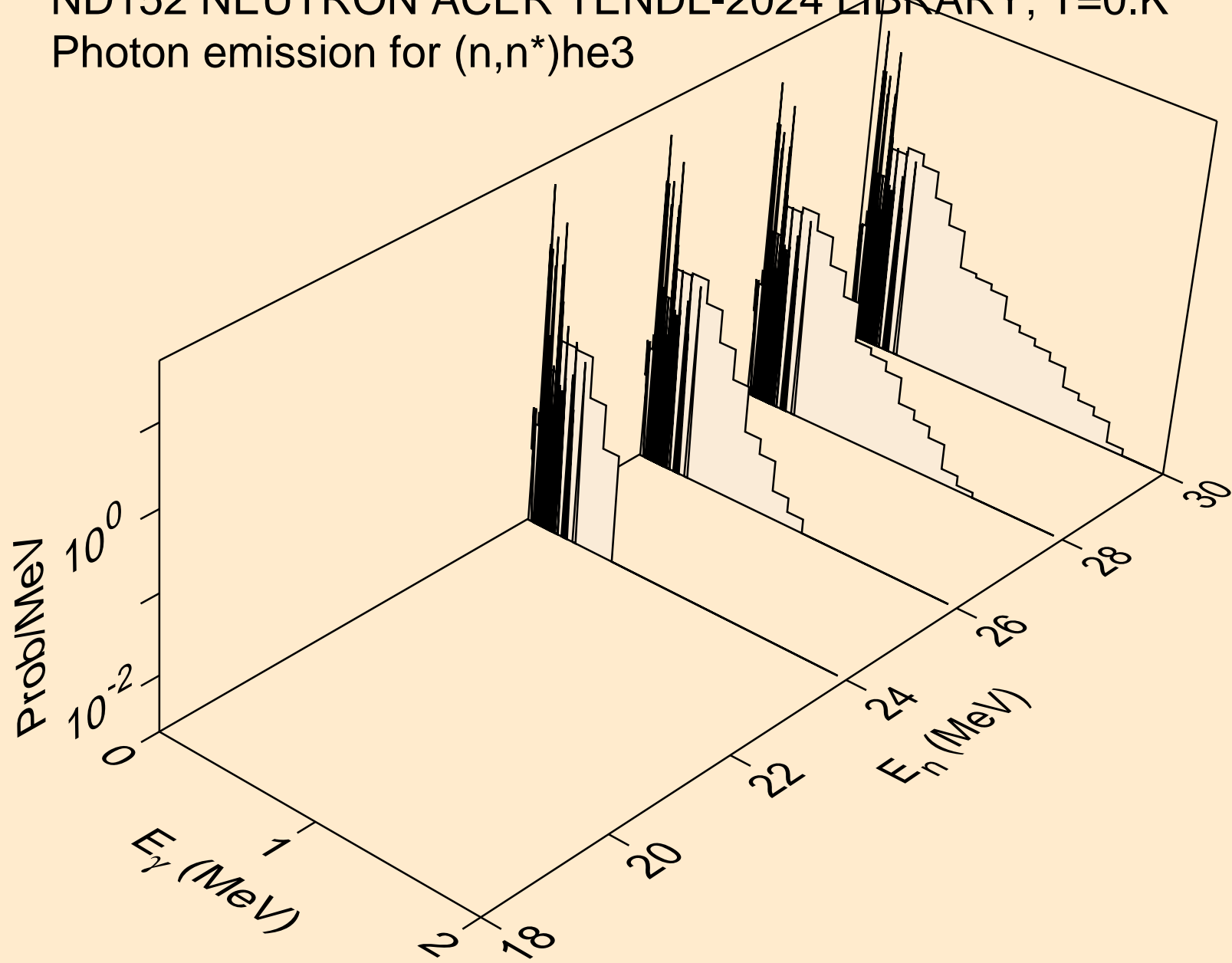
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



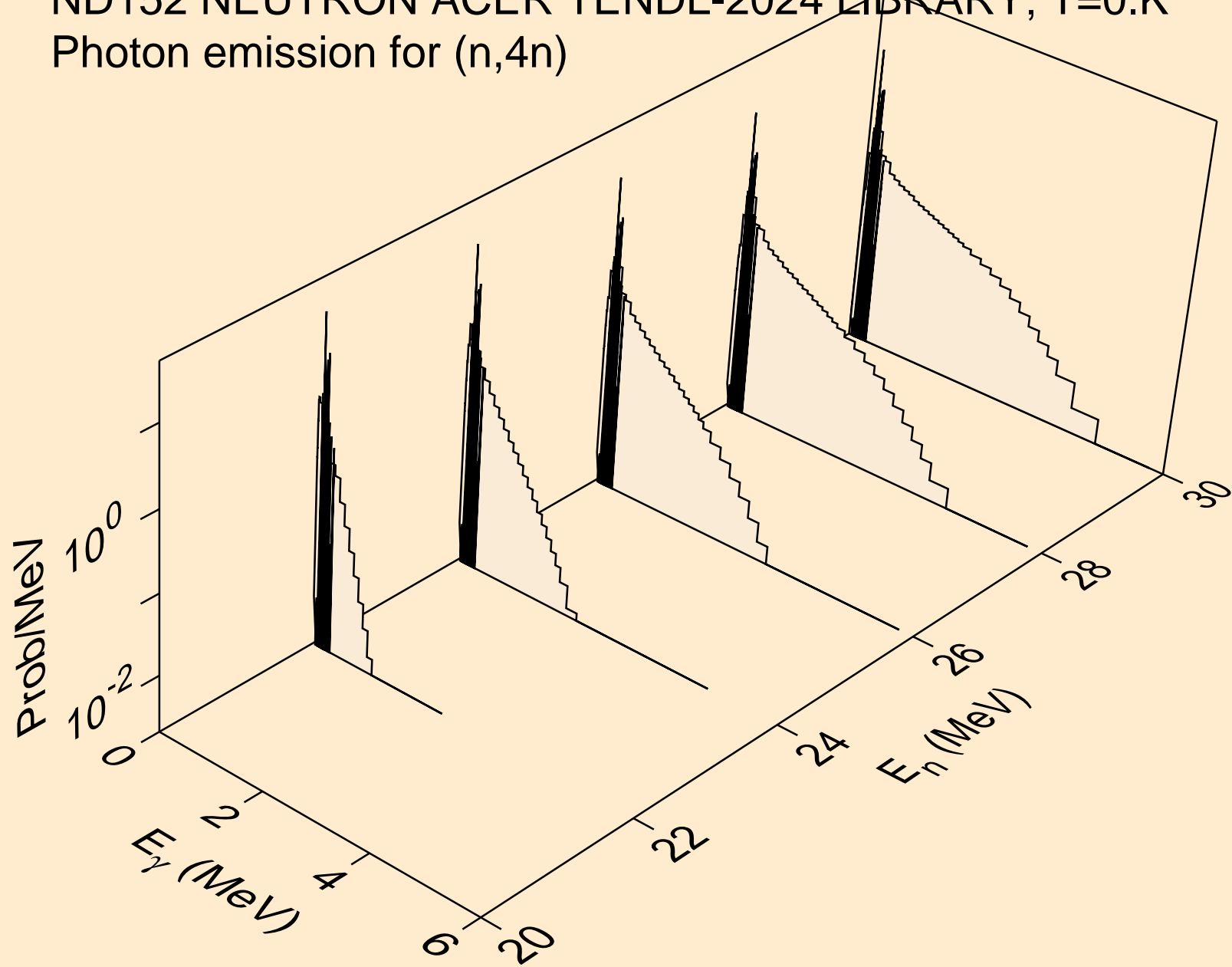
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



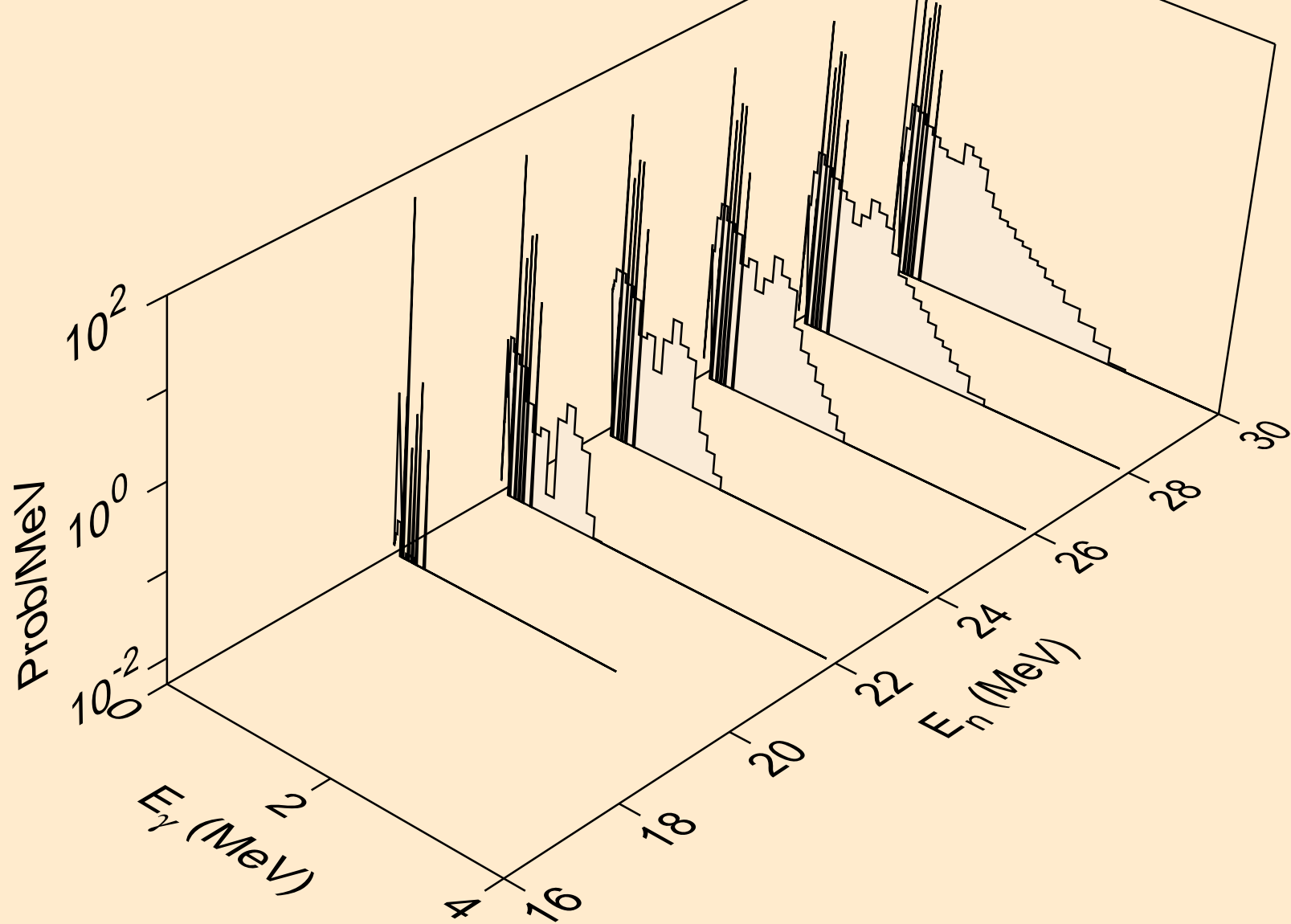
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



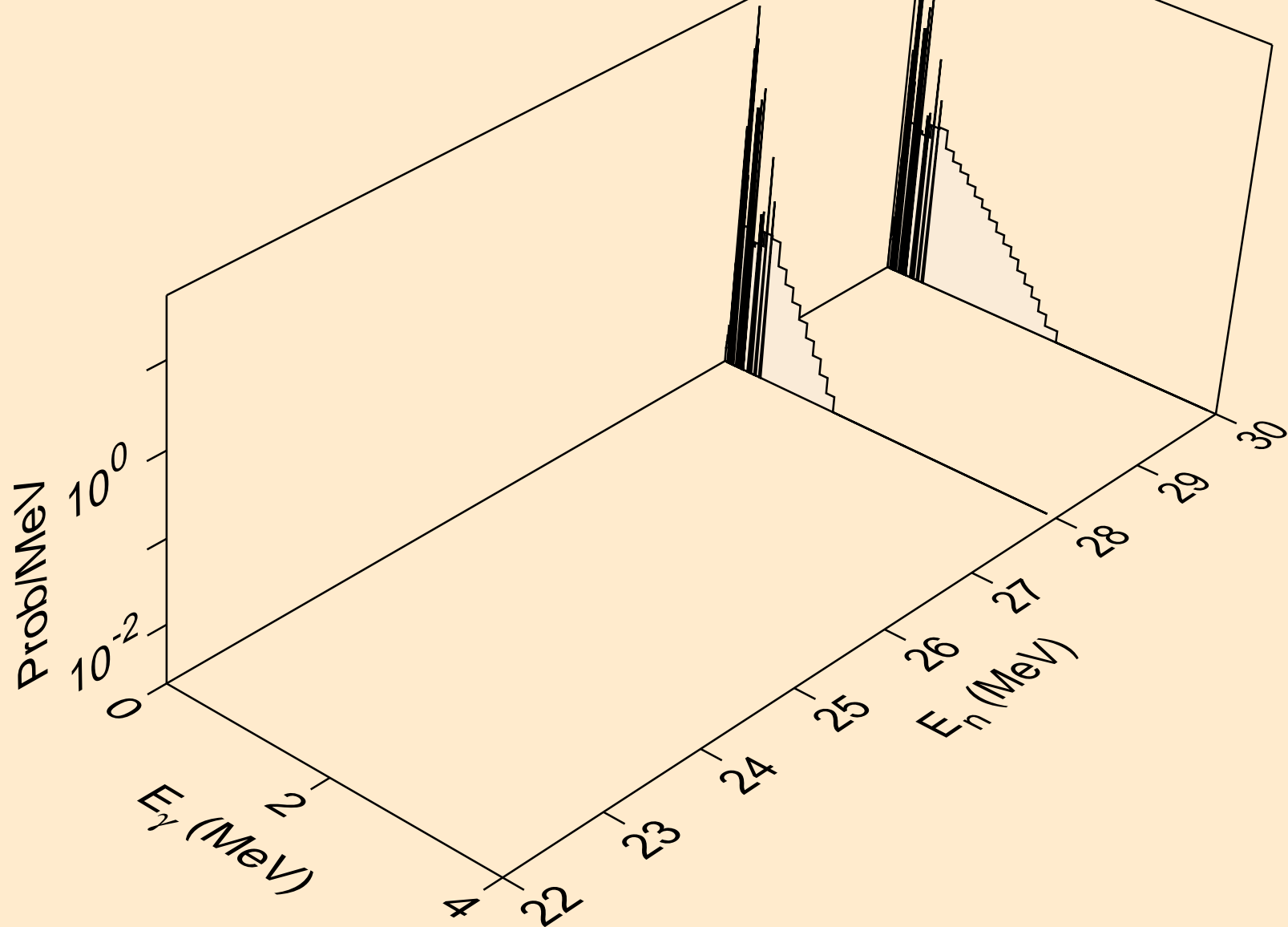
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



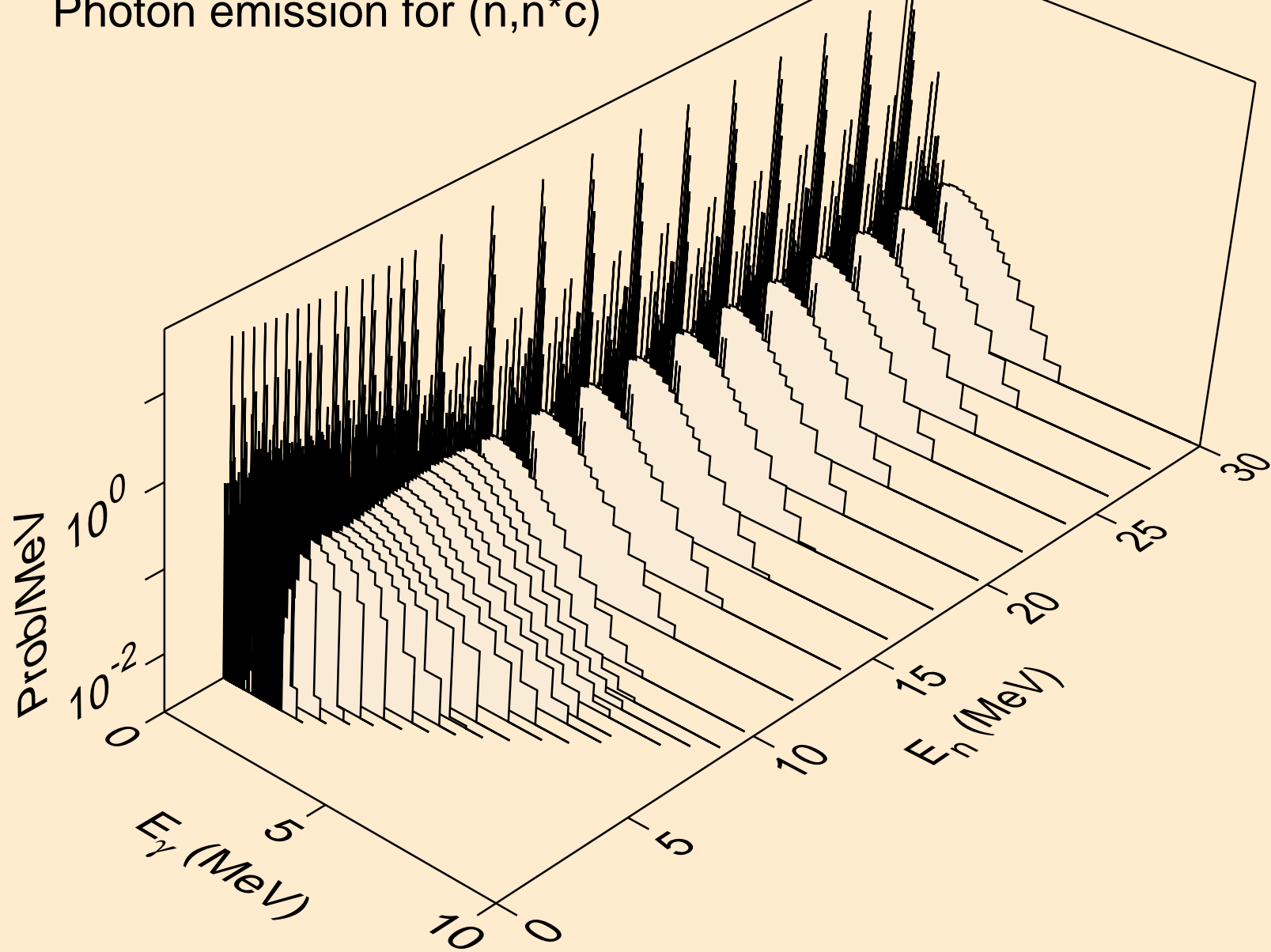
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



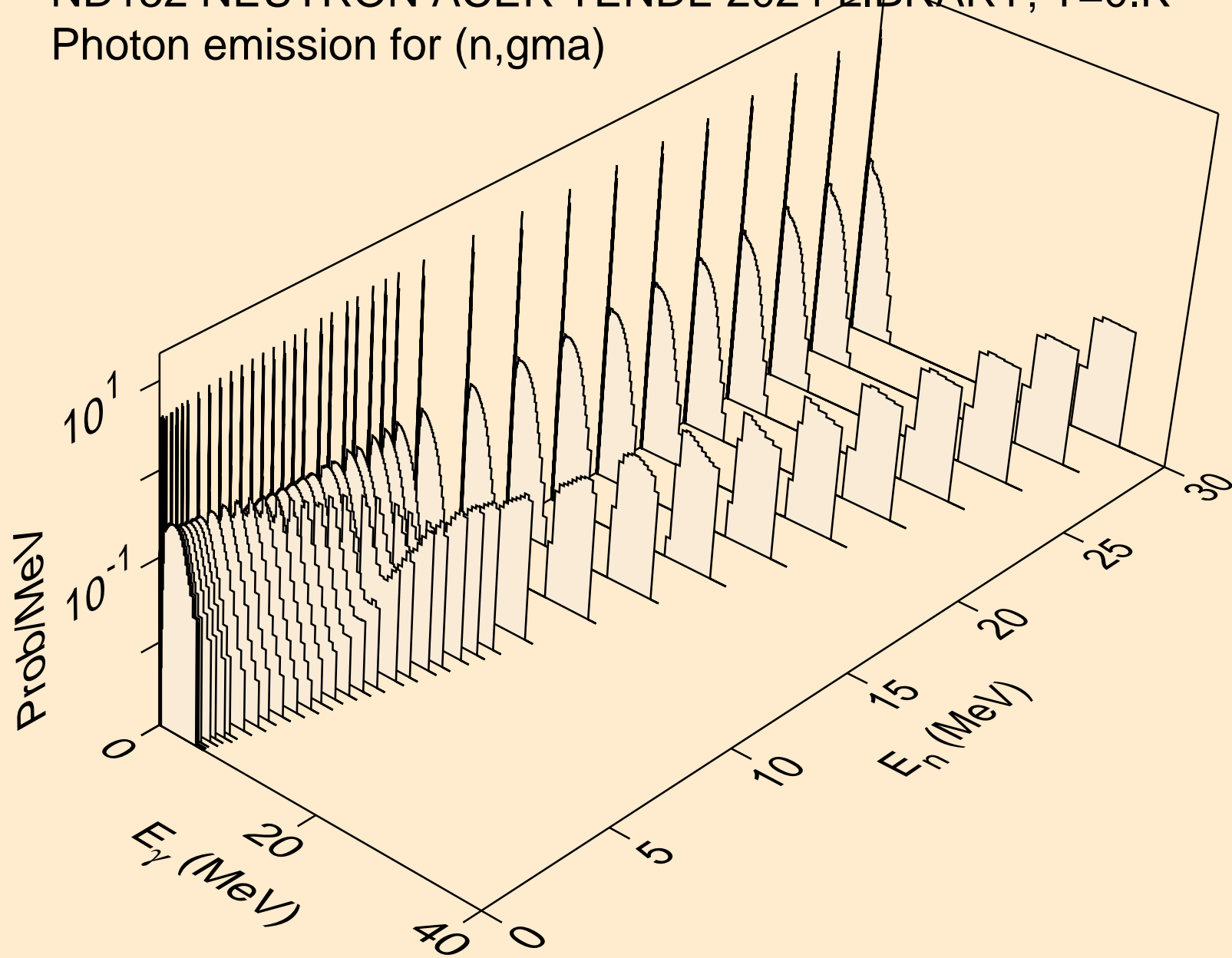
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



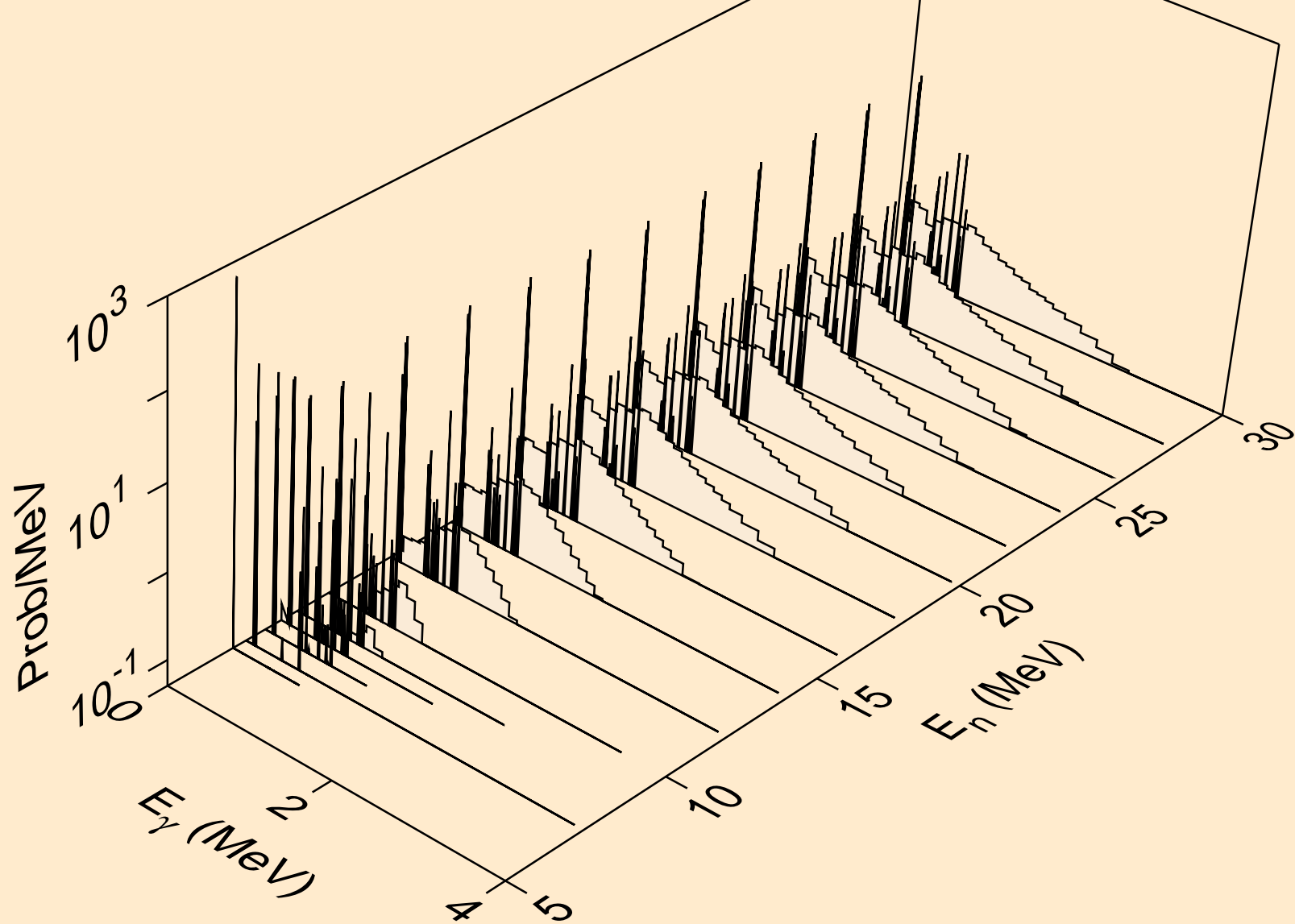
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



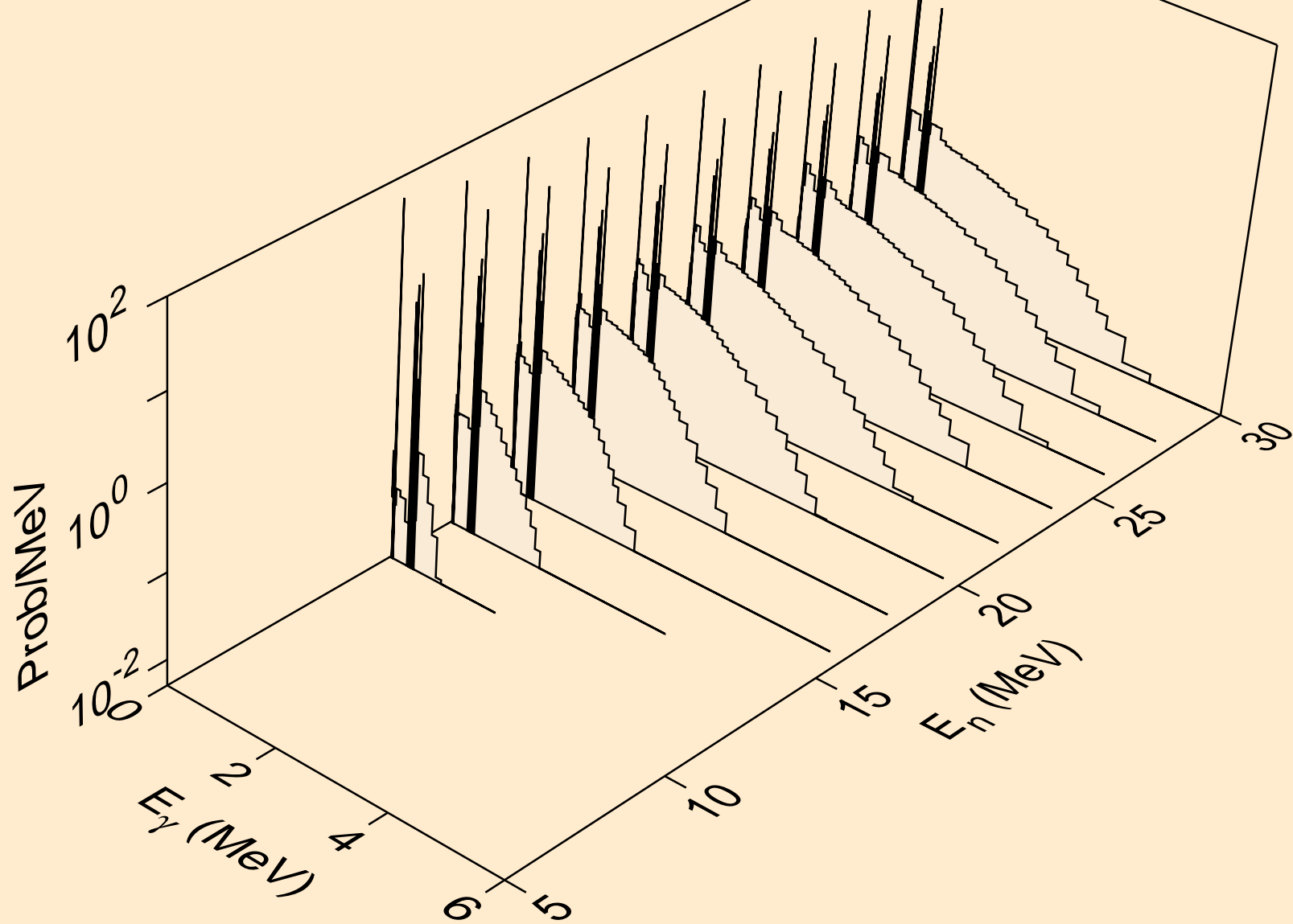
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



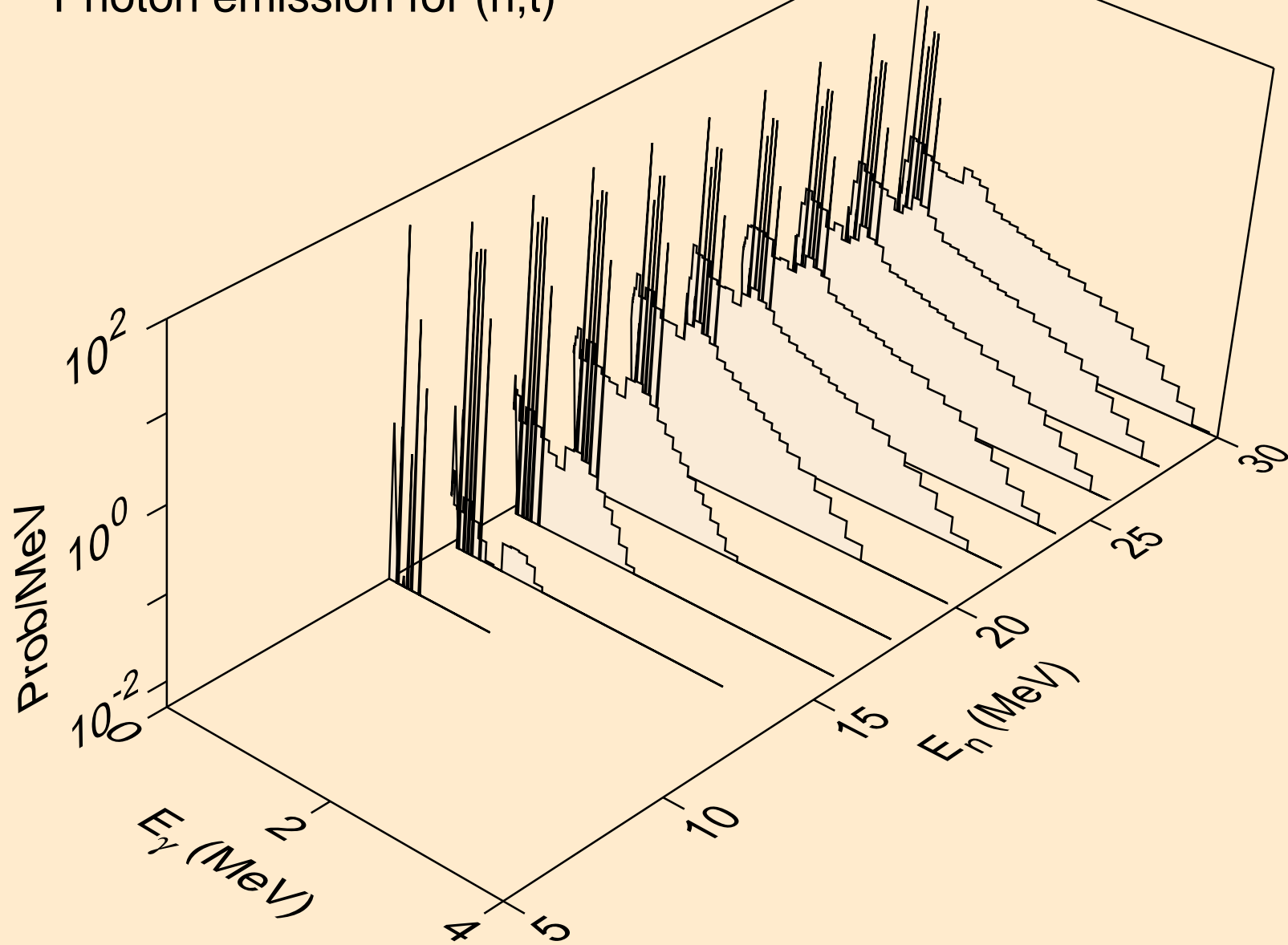
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



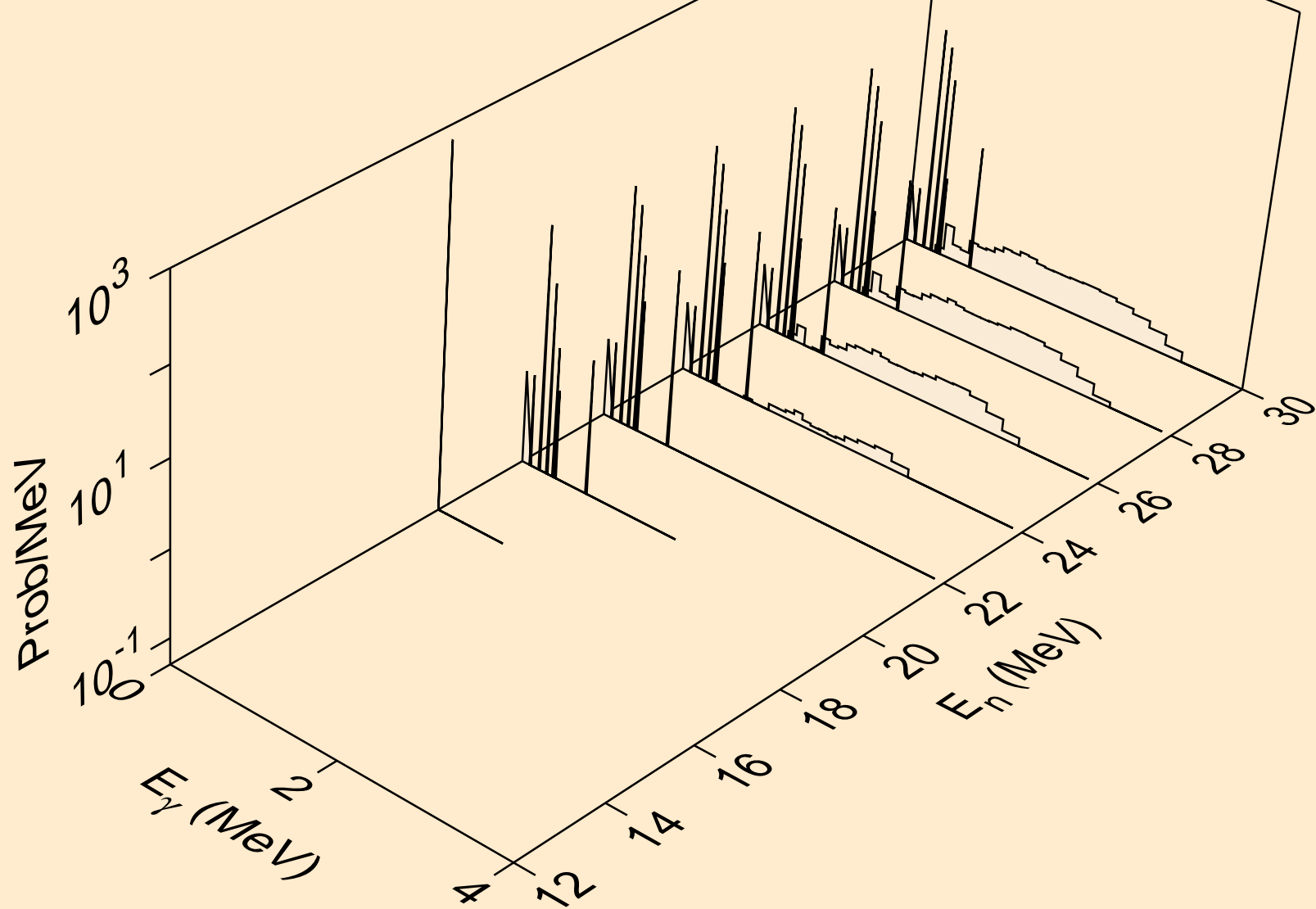
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



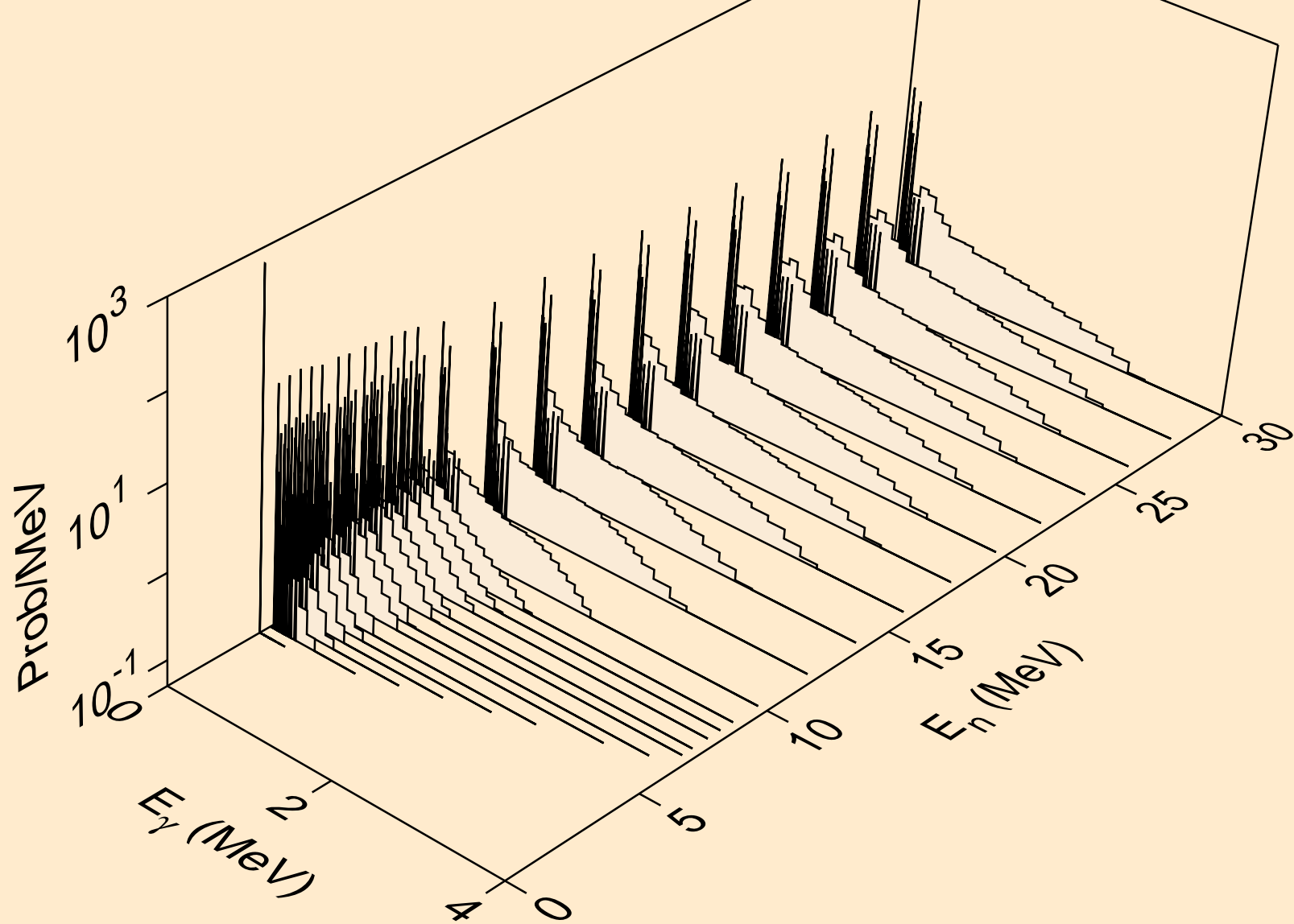
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



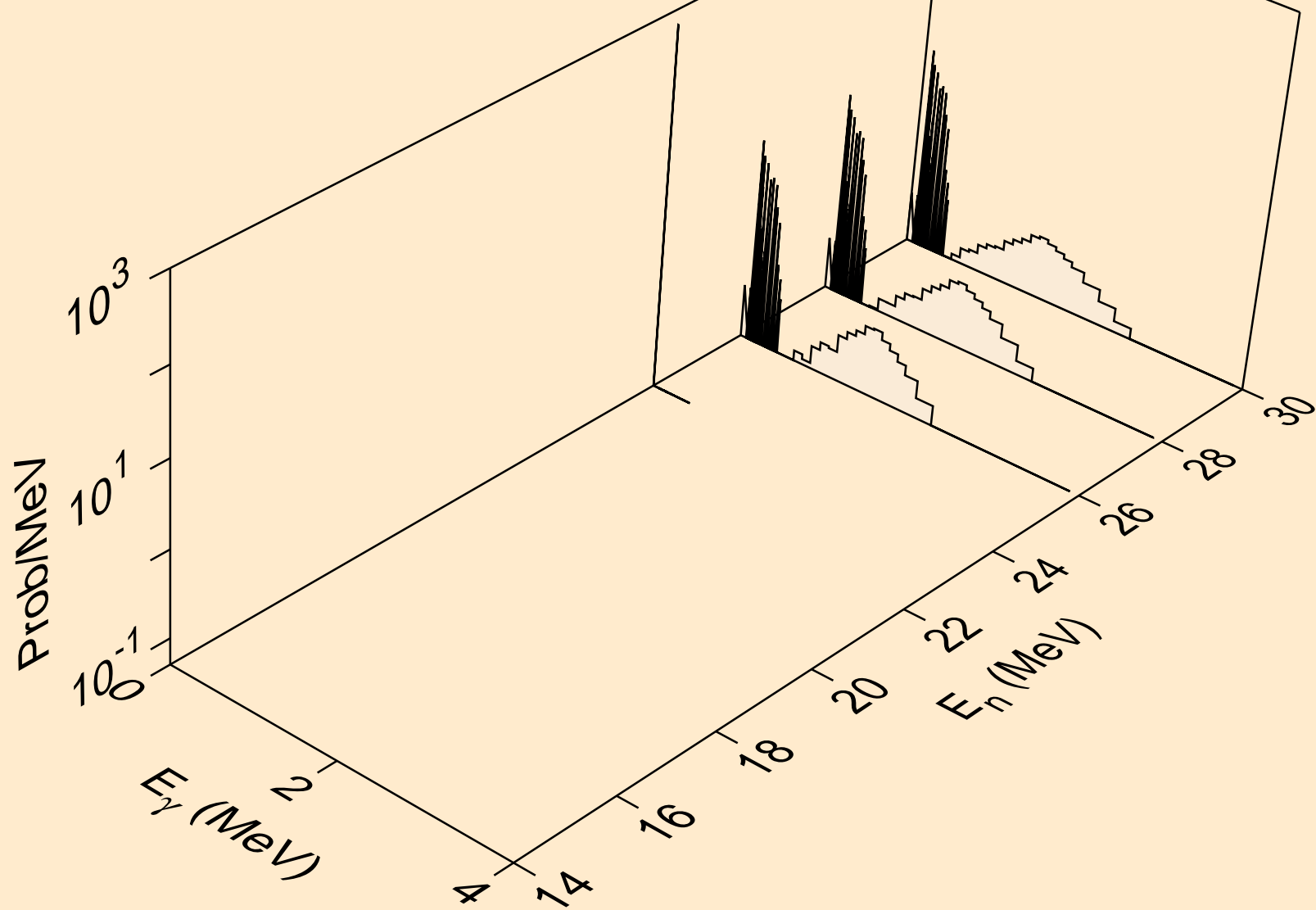
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



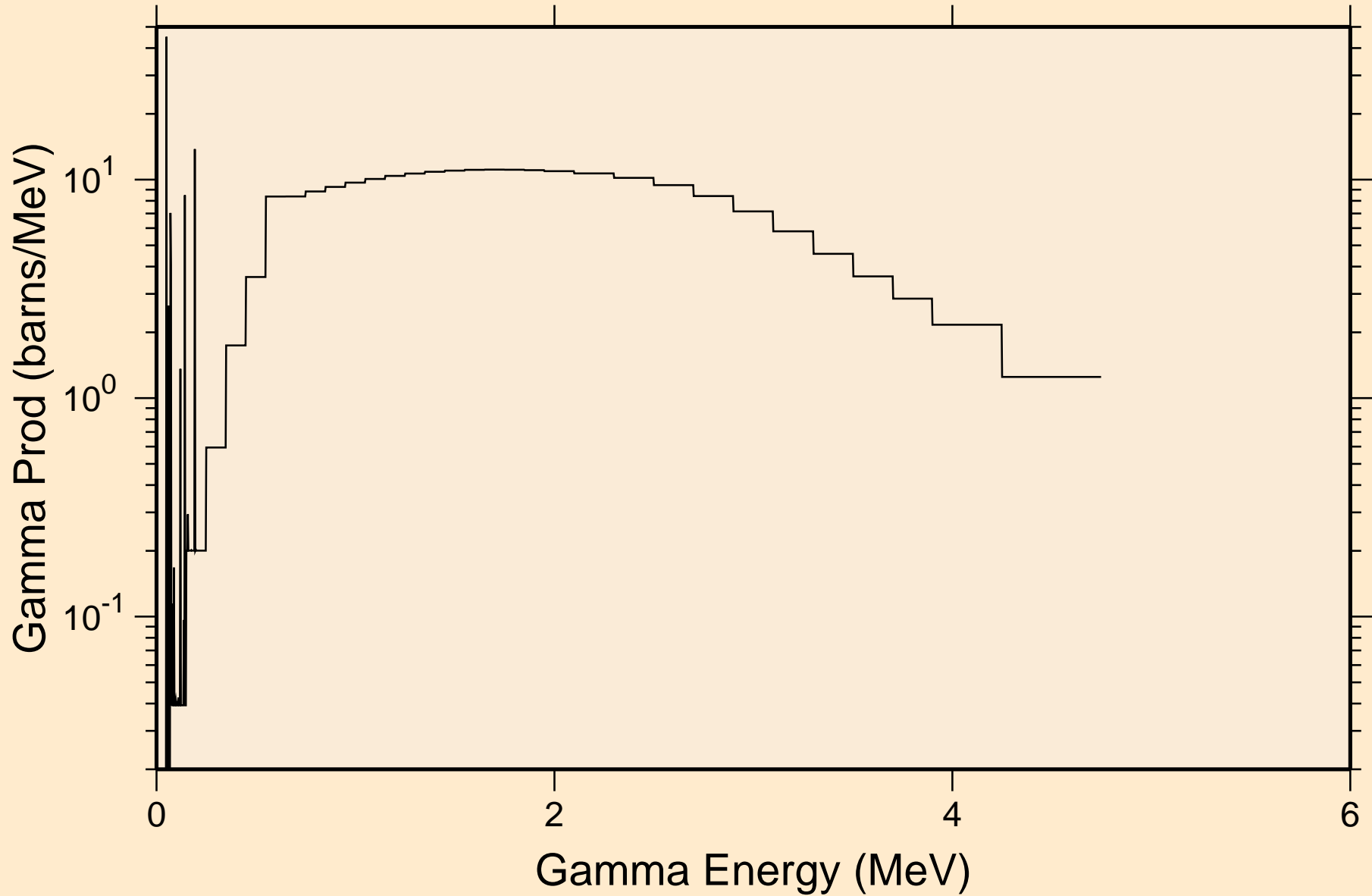
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



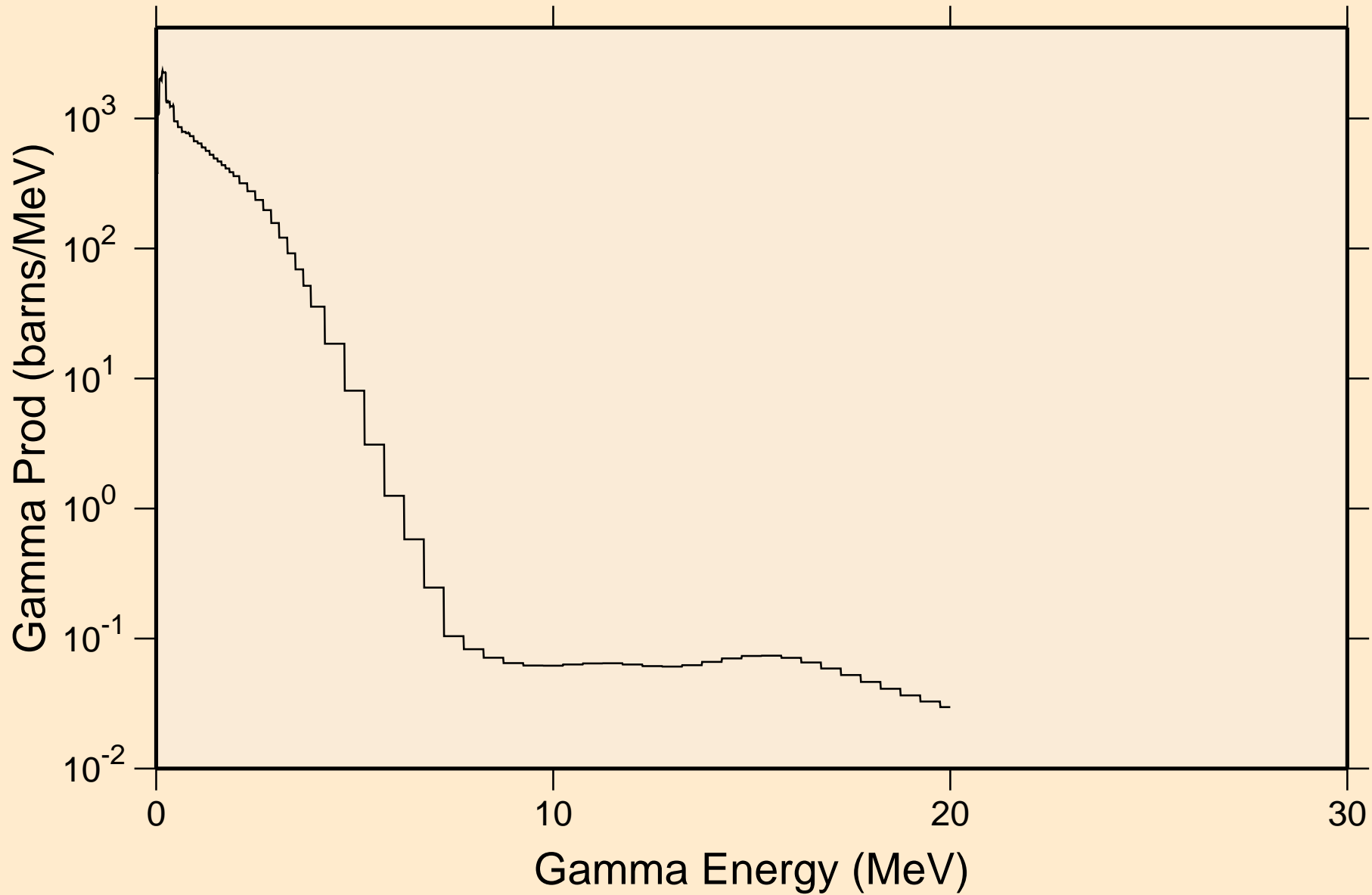
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

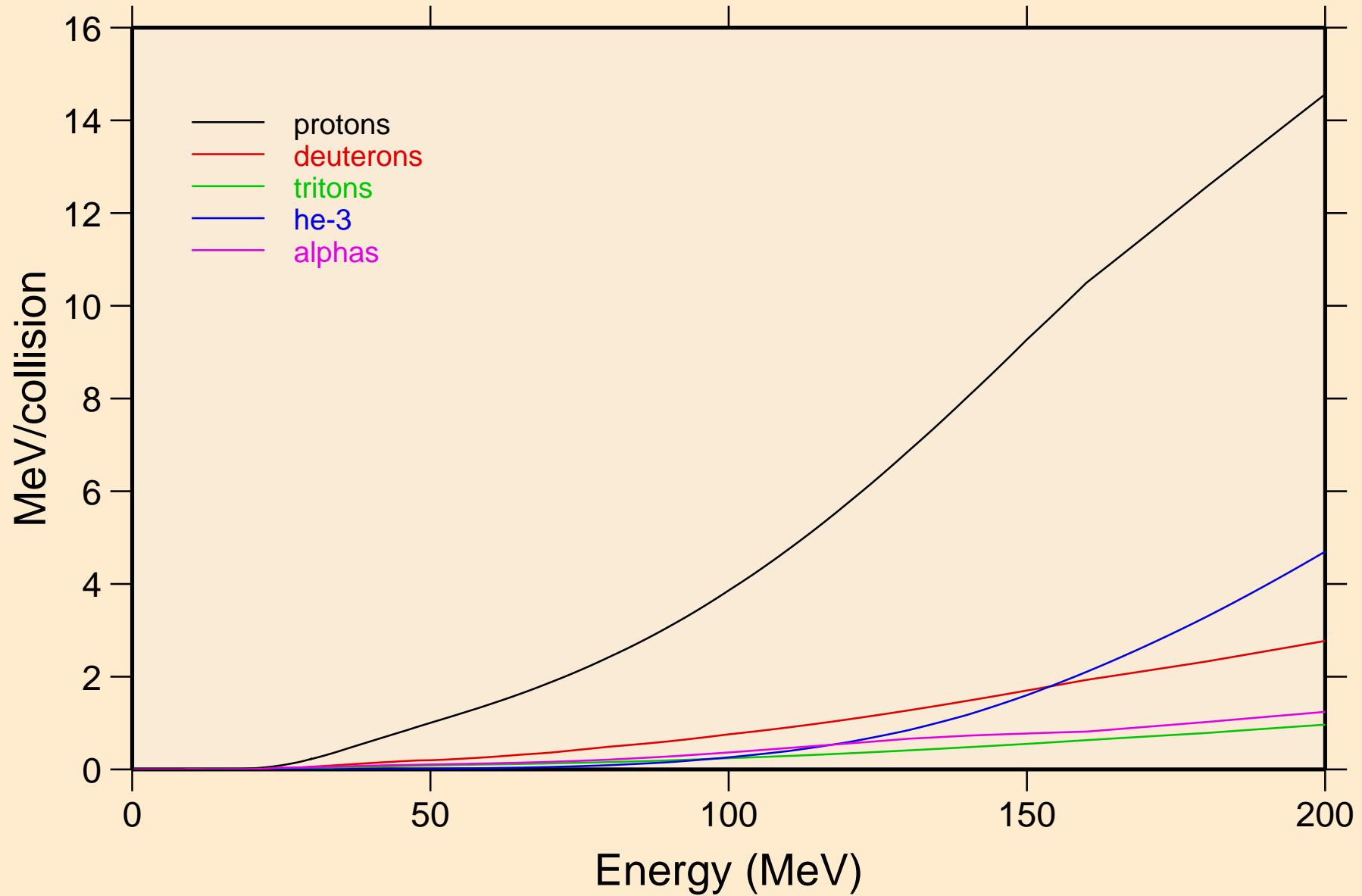


ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

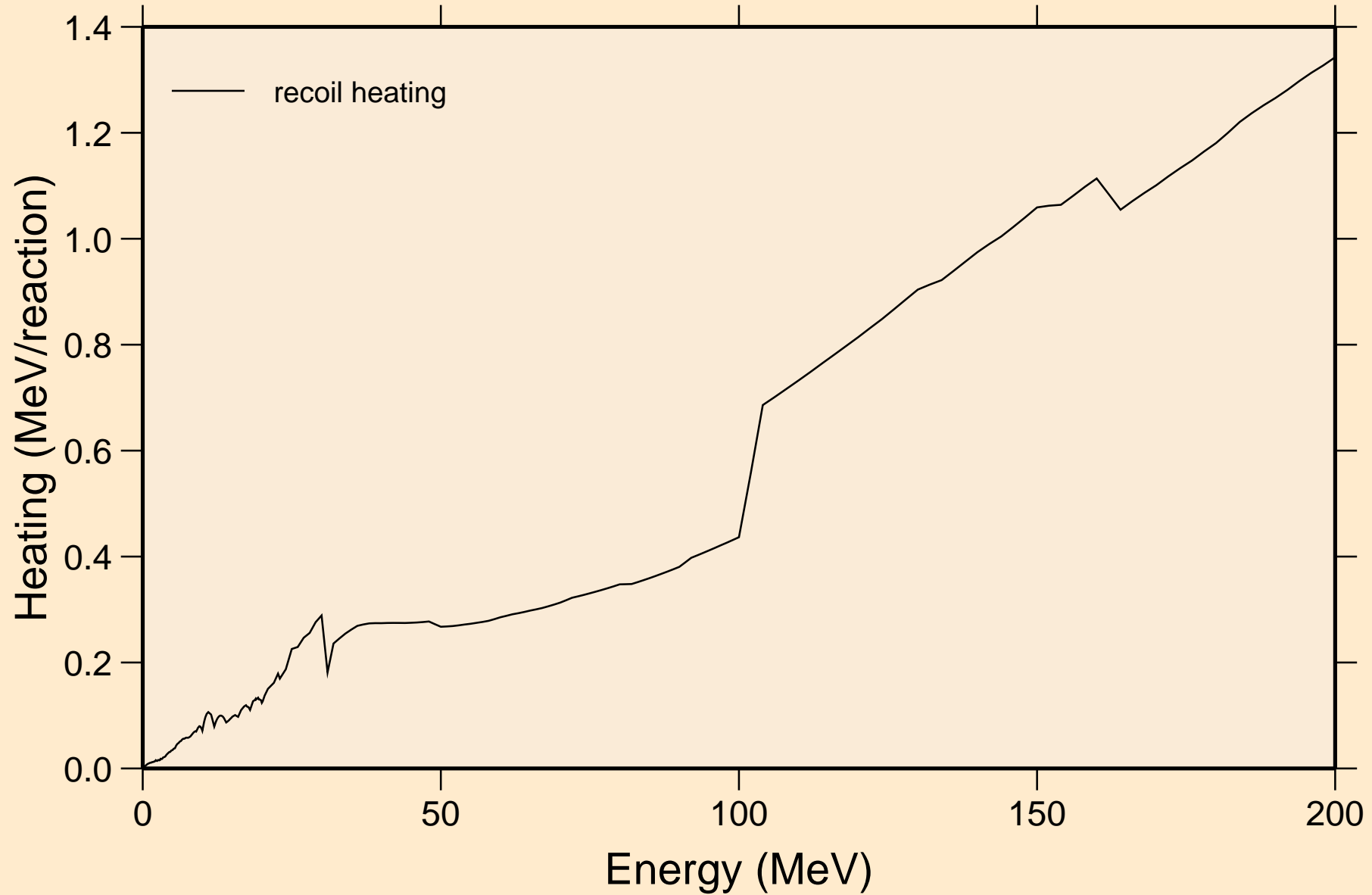


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

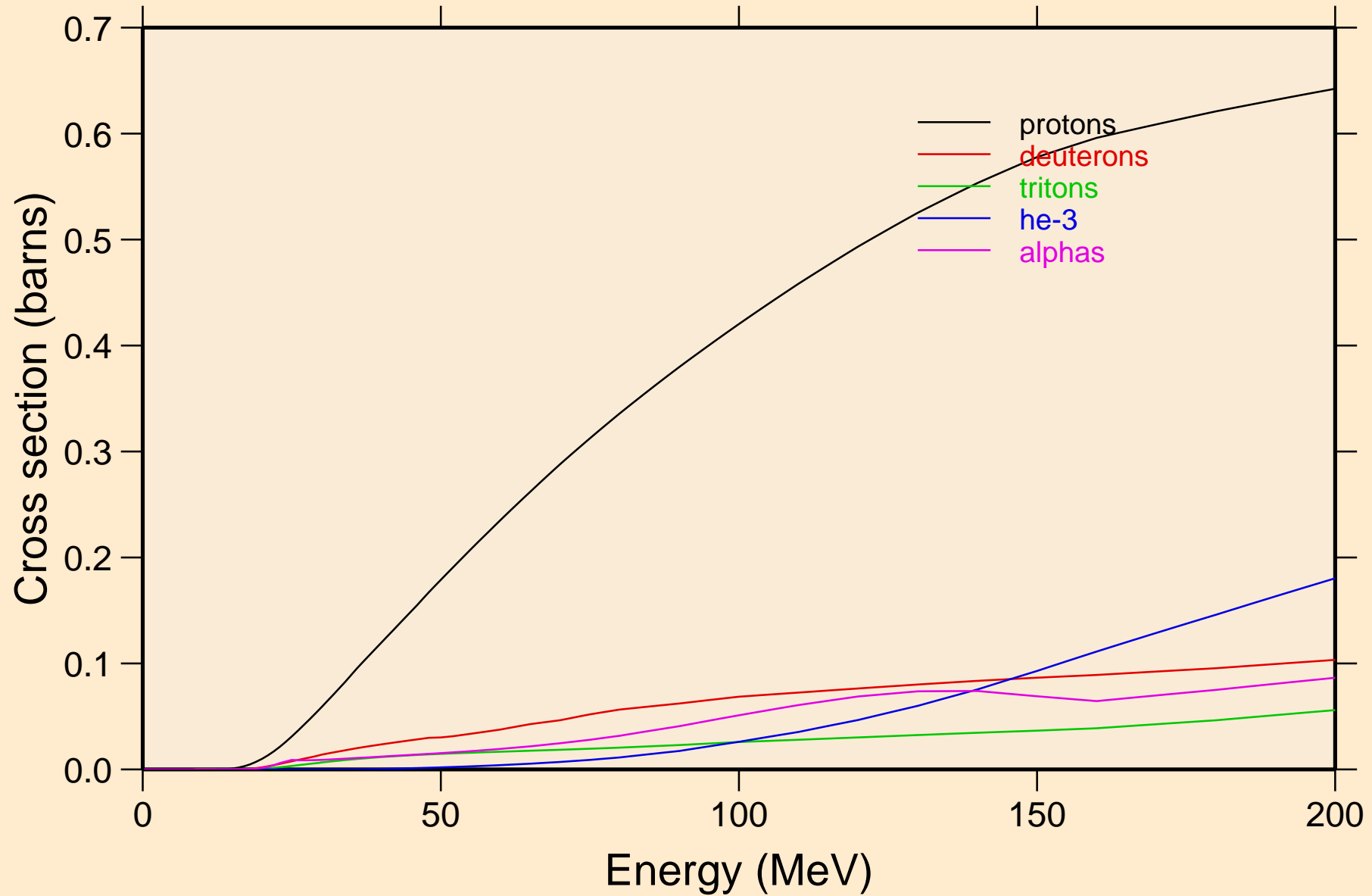


ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

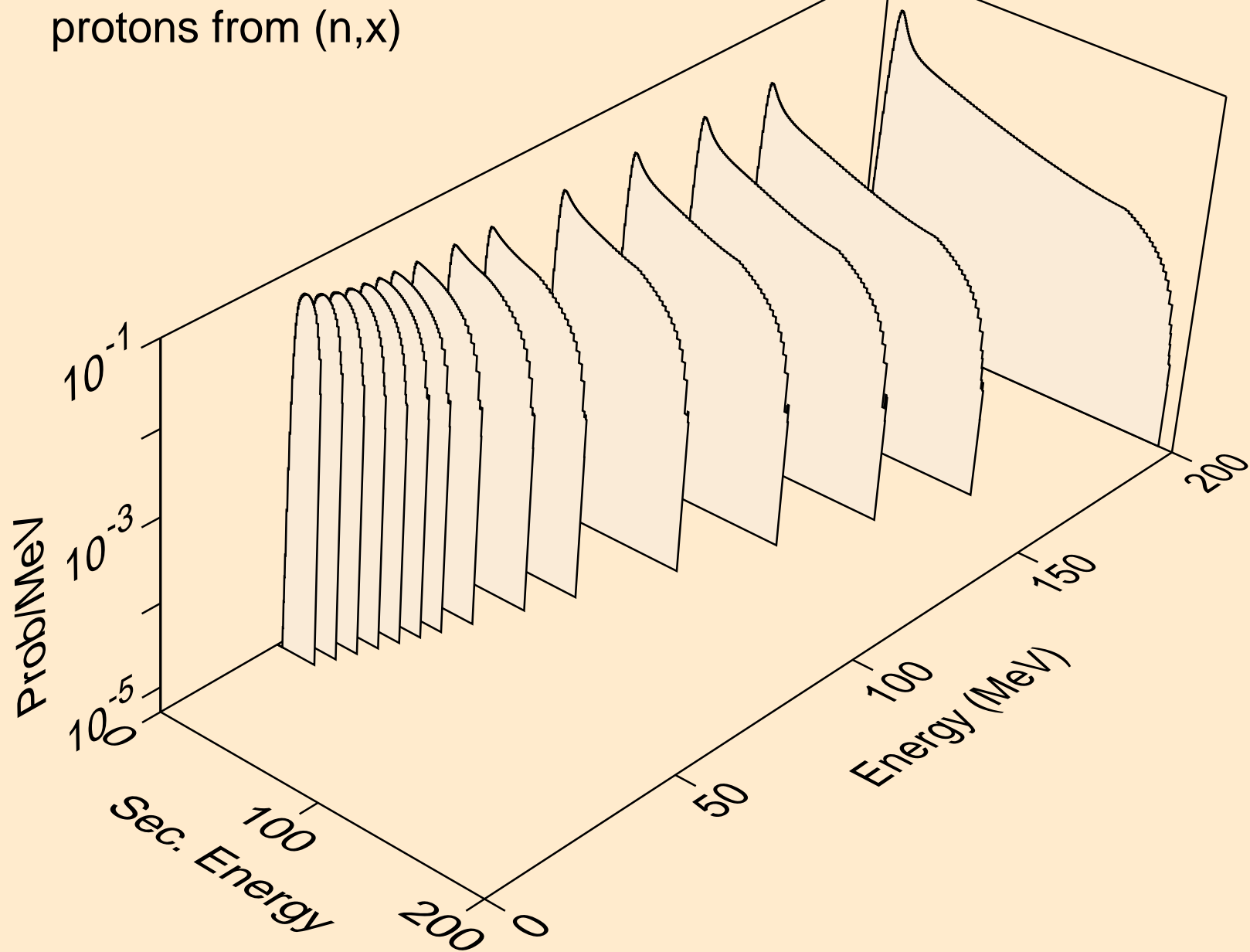


# ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

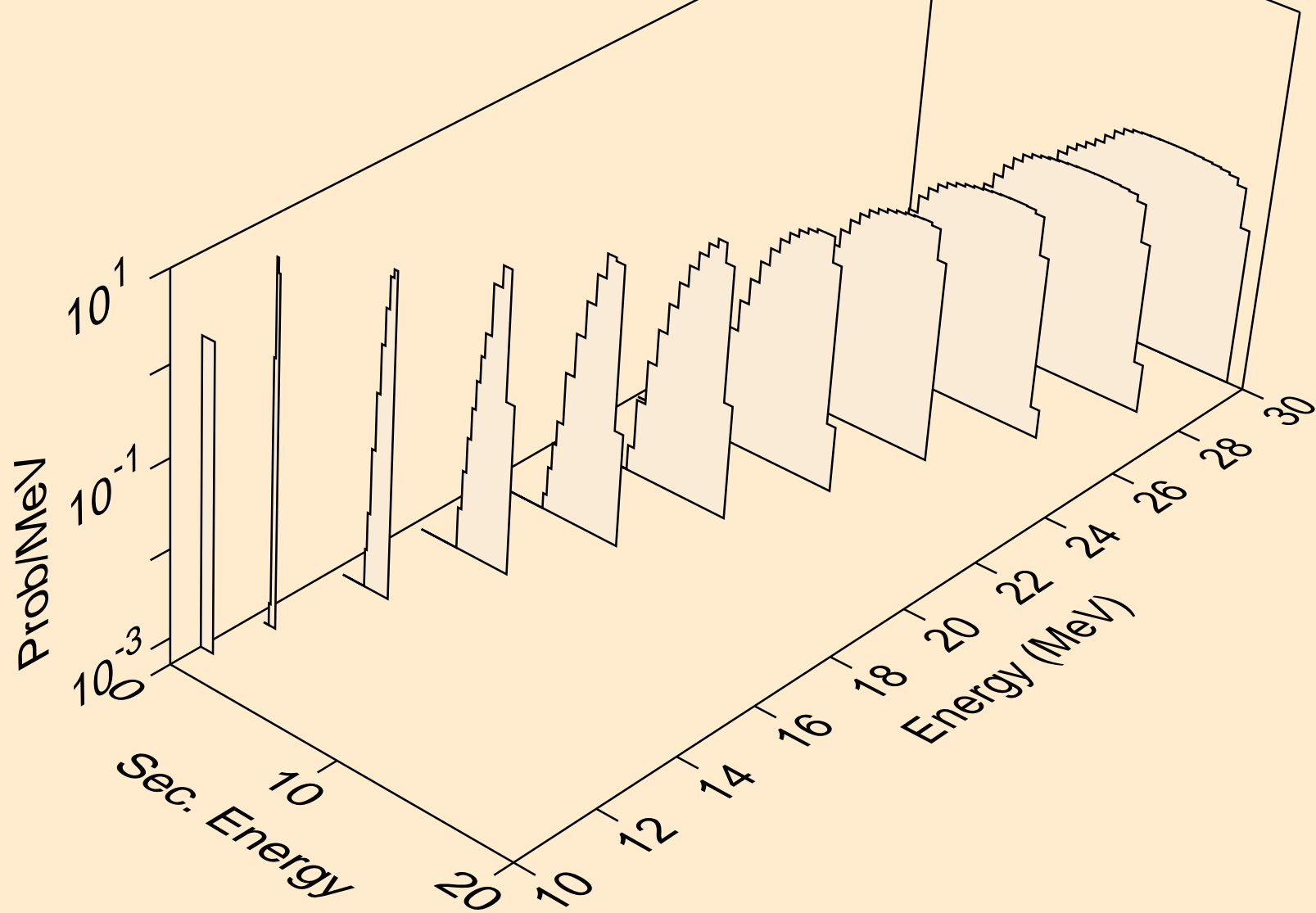
## Particle production cross sections



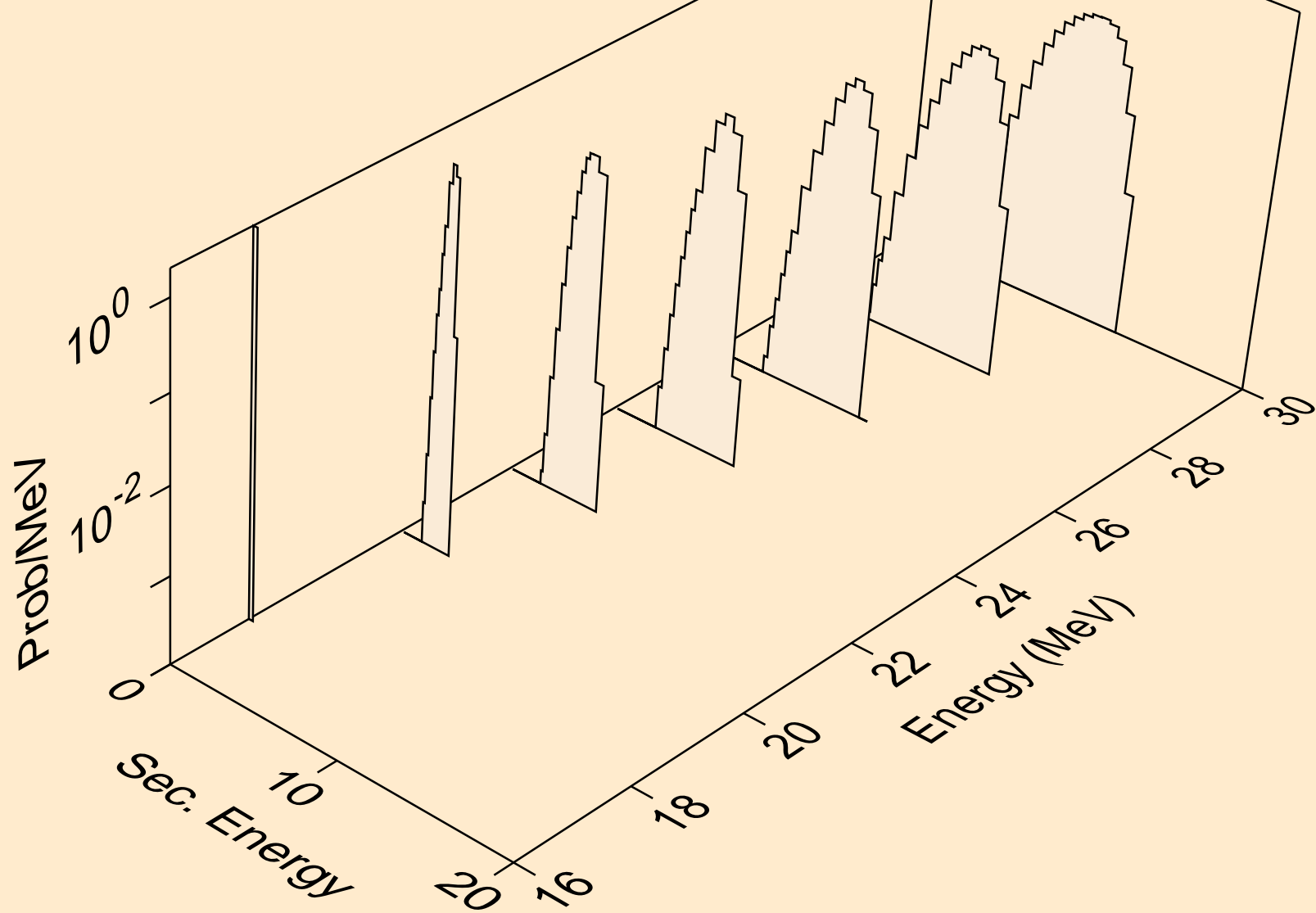
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



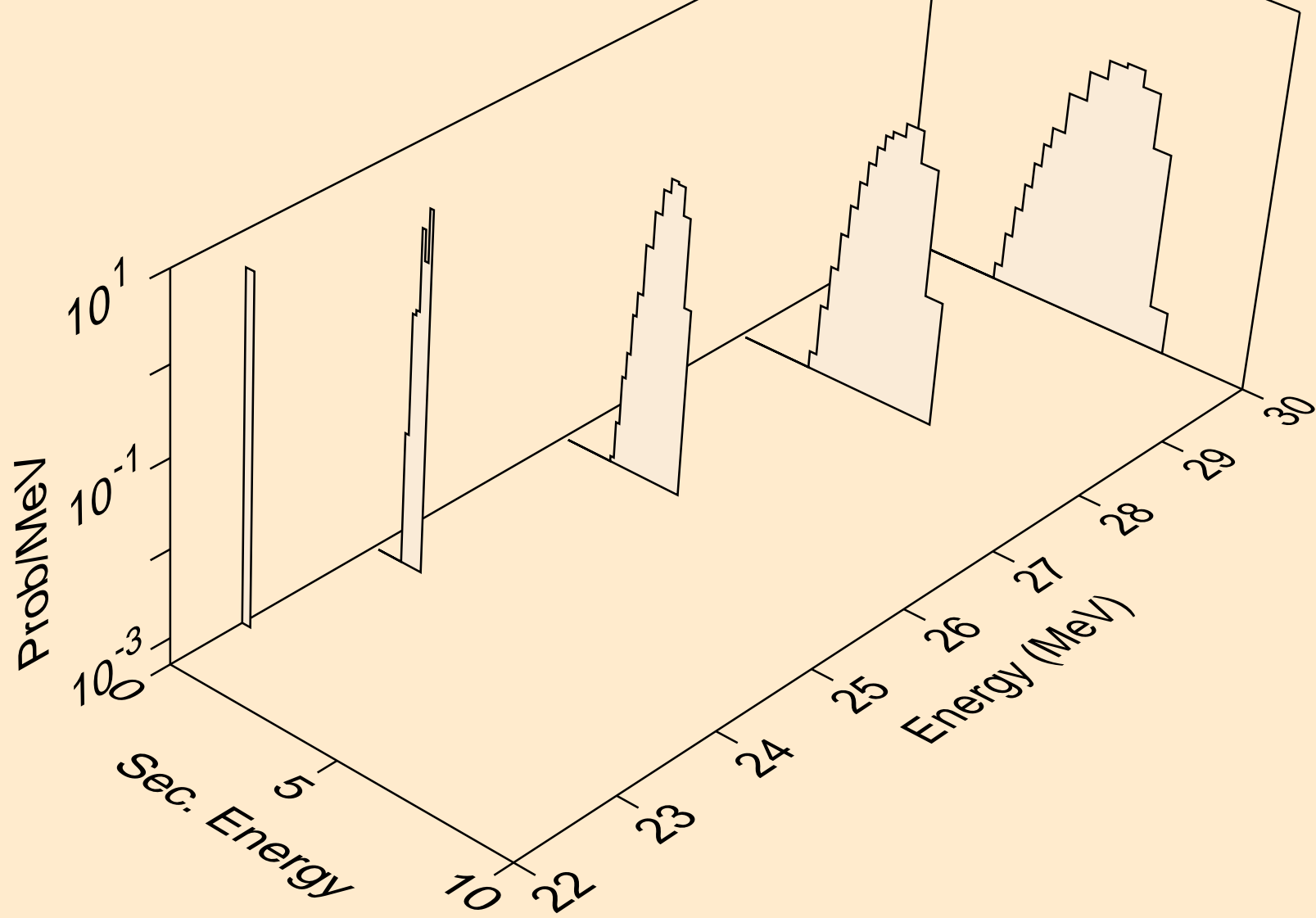
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



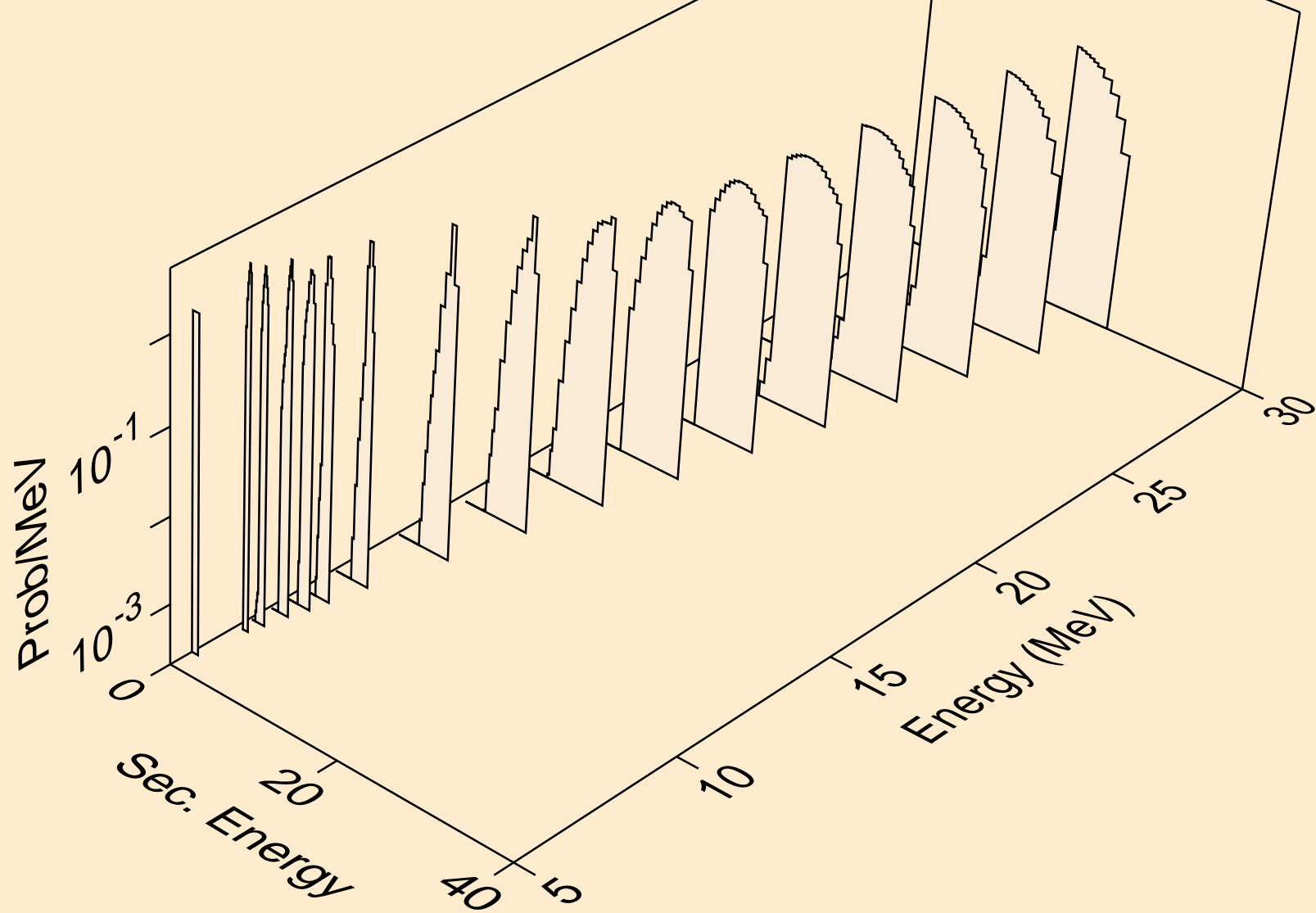
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



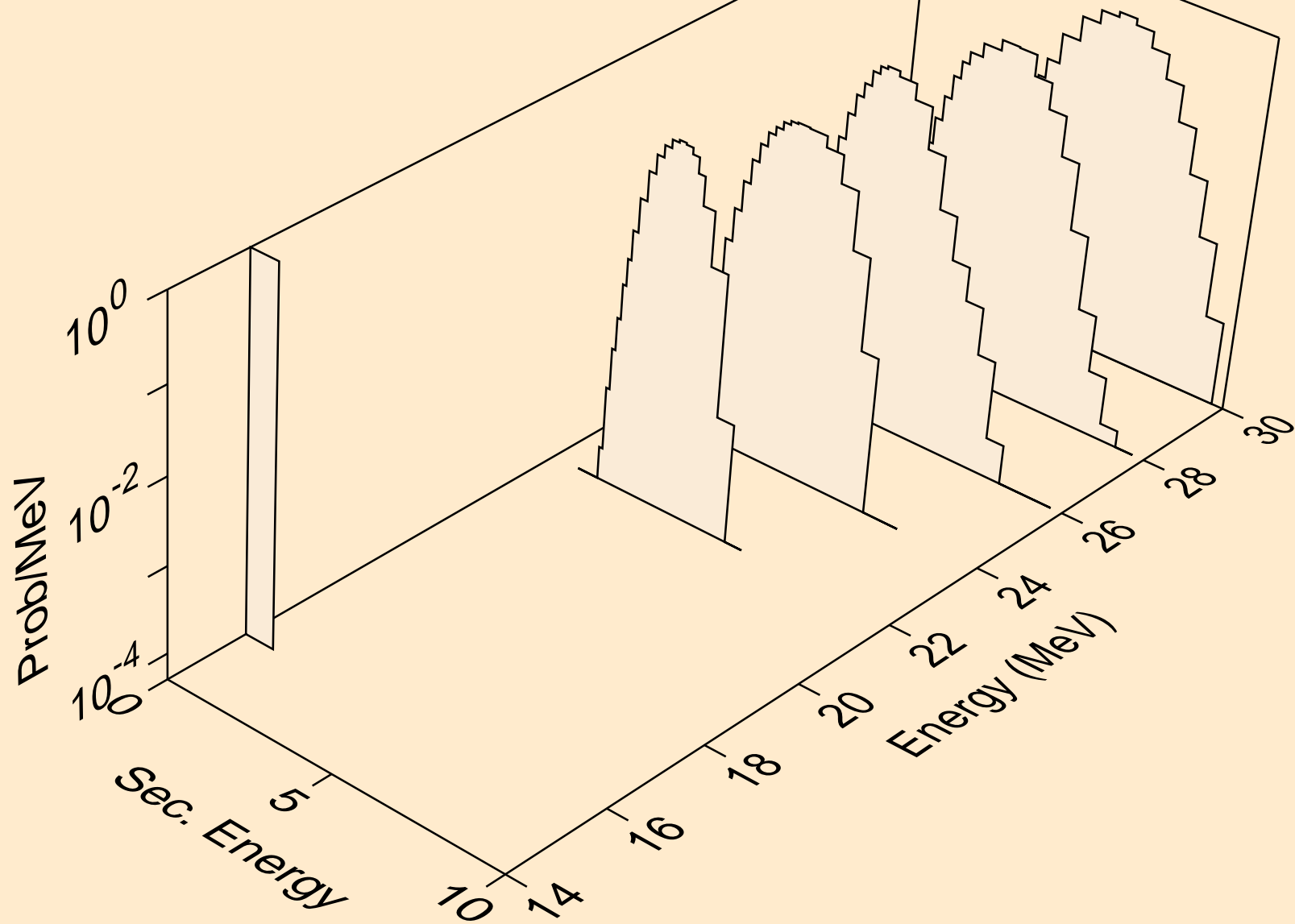
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



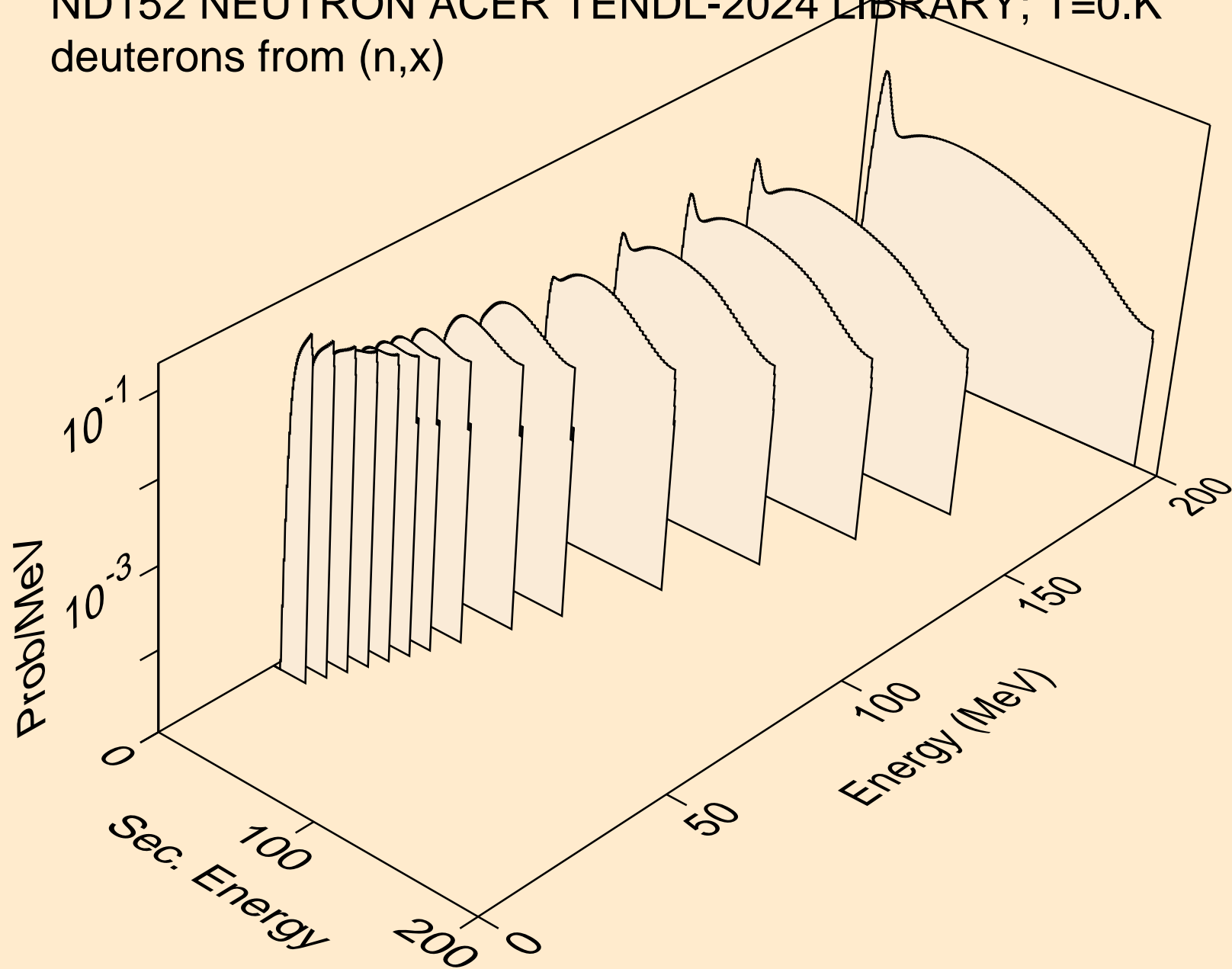
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



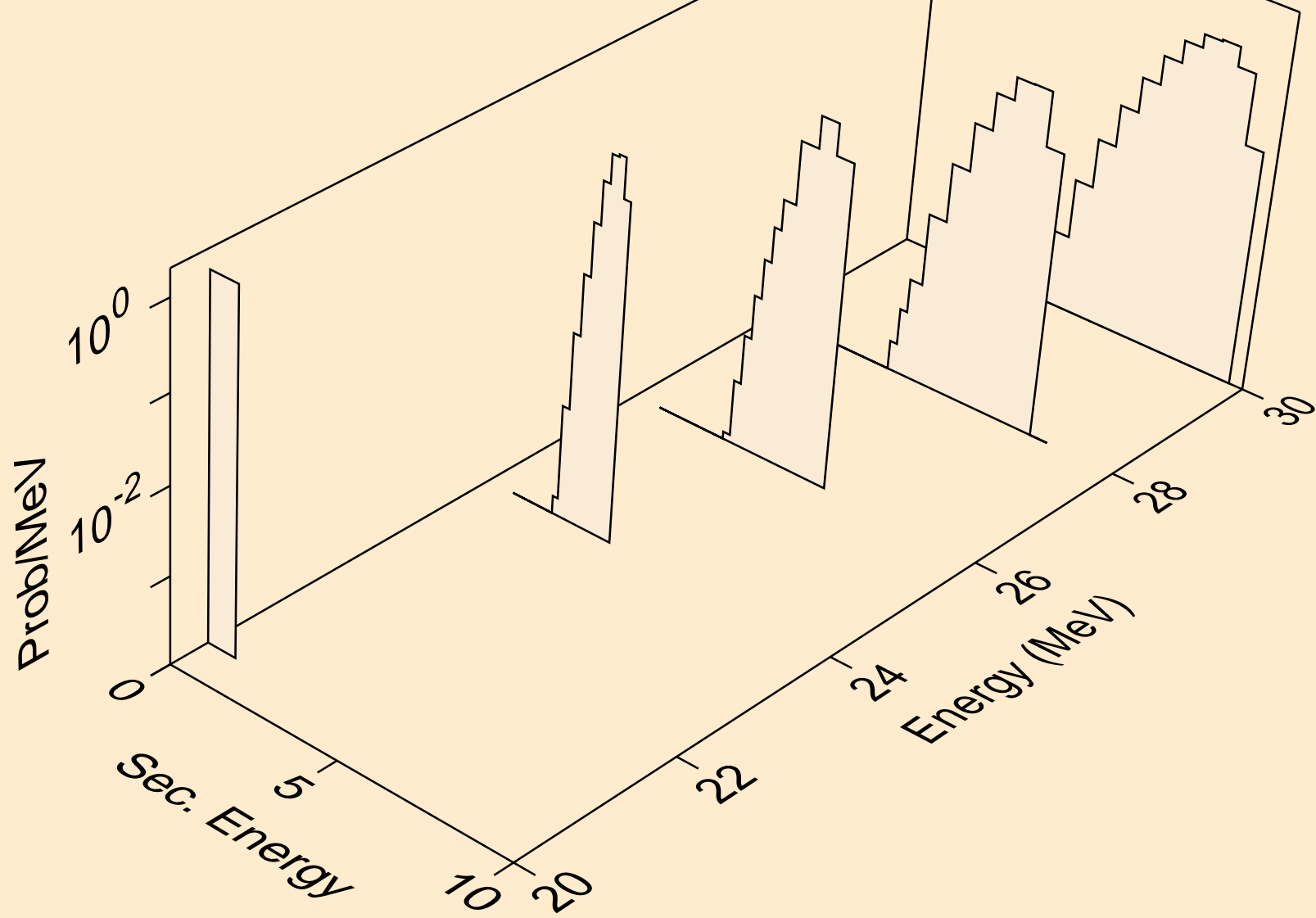
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



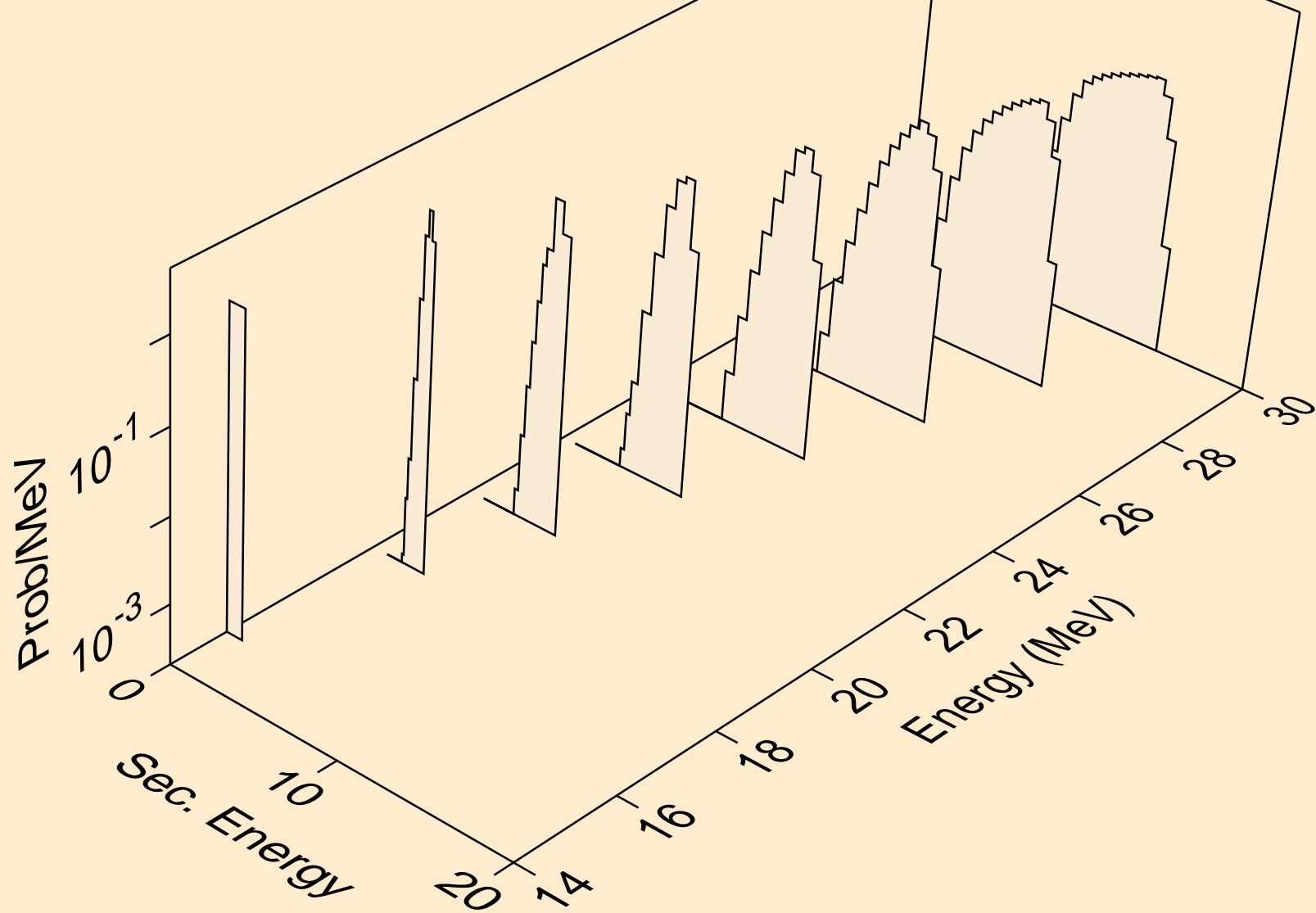
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



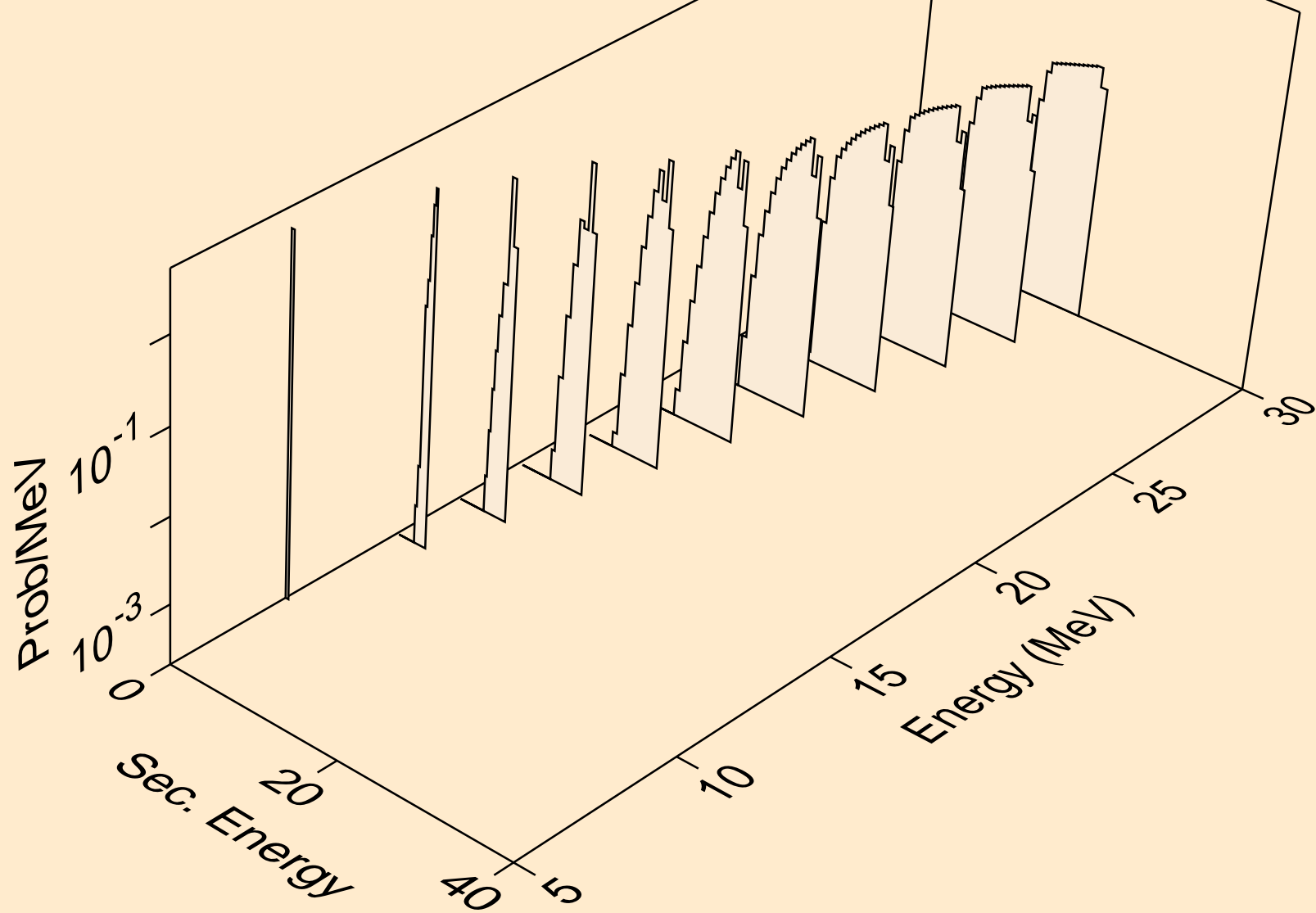
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



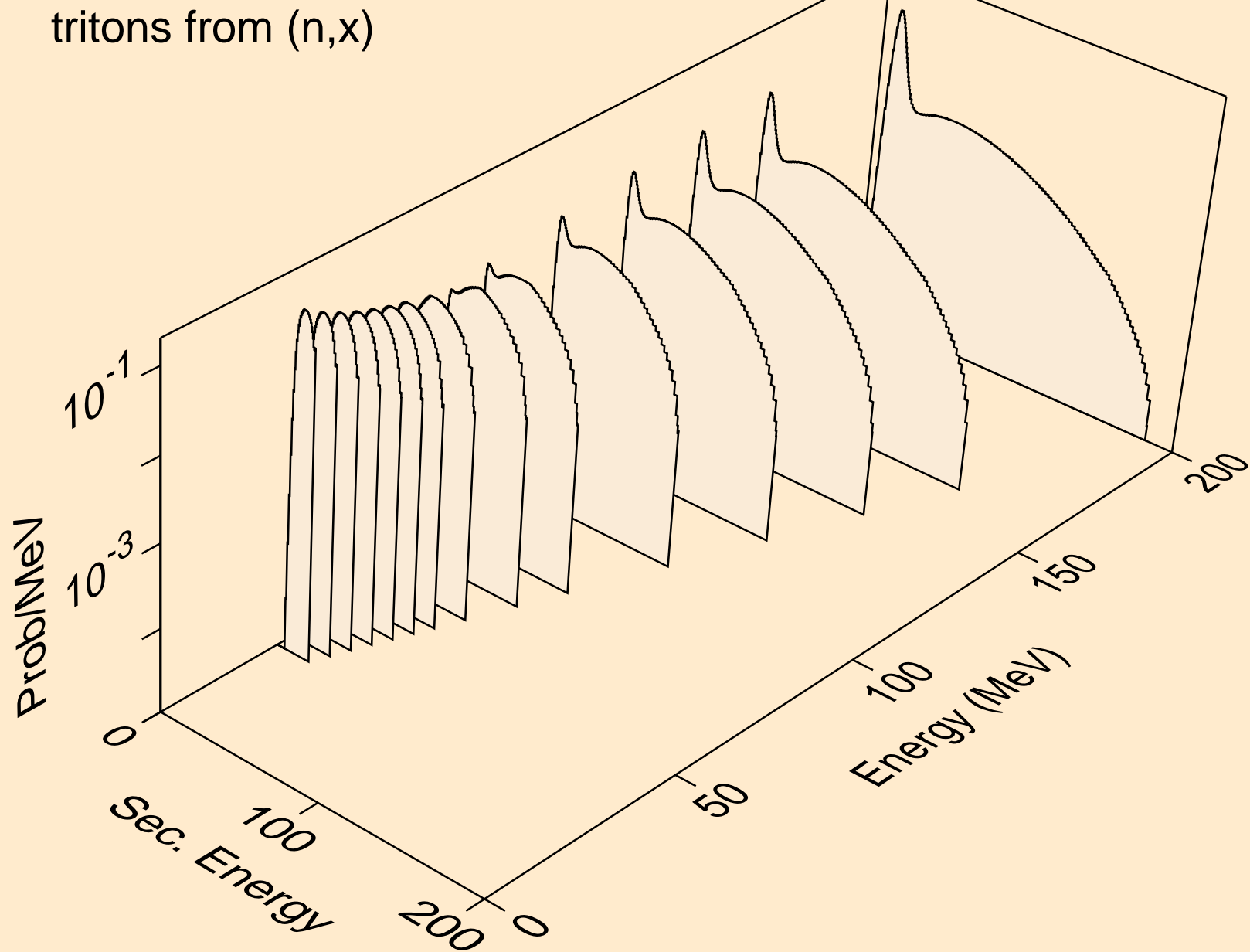
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



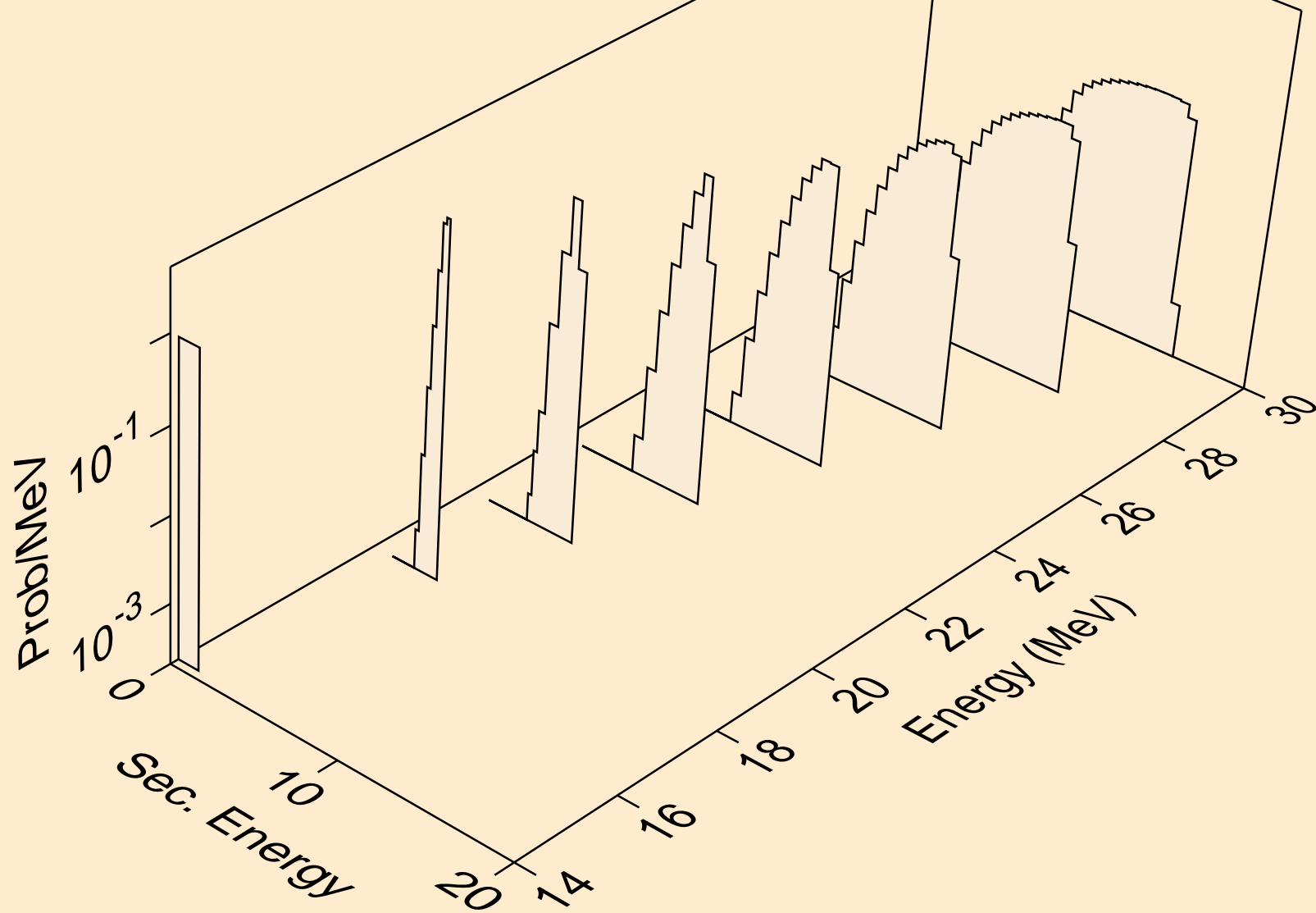
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



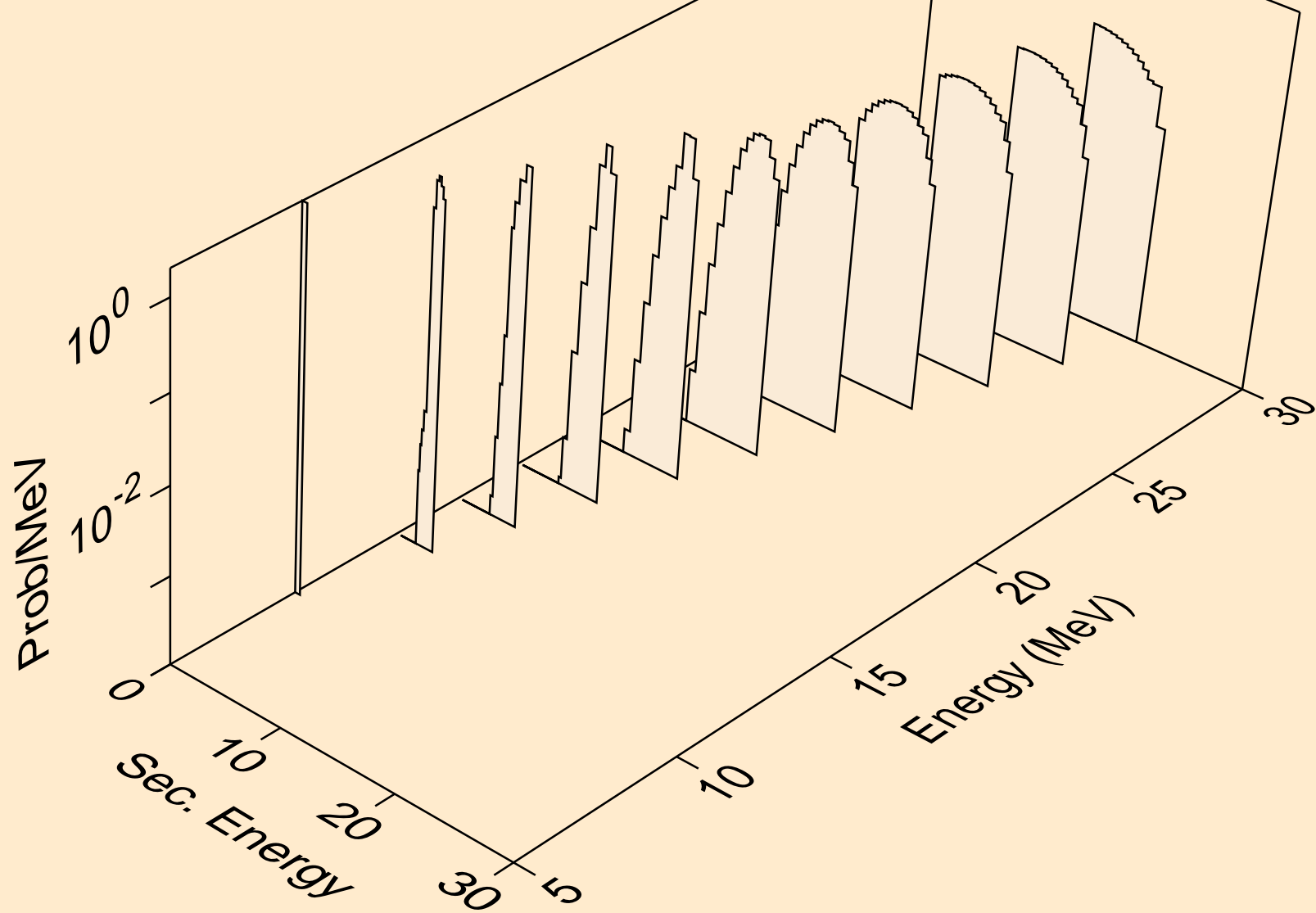
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



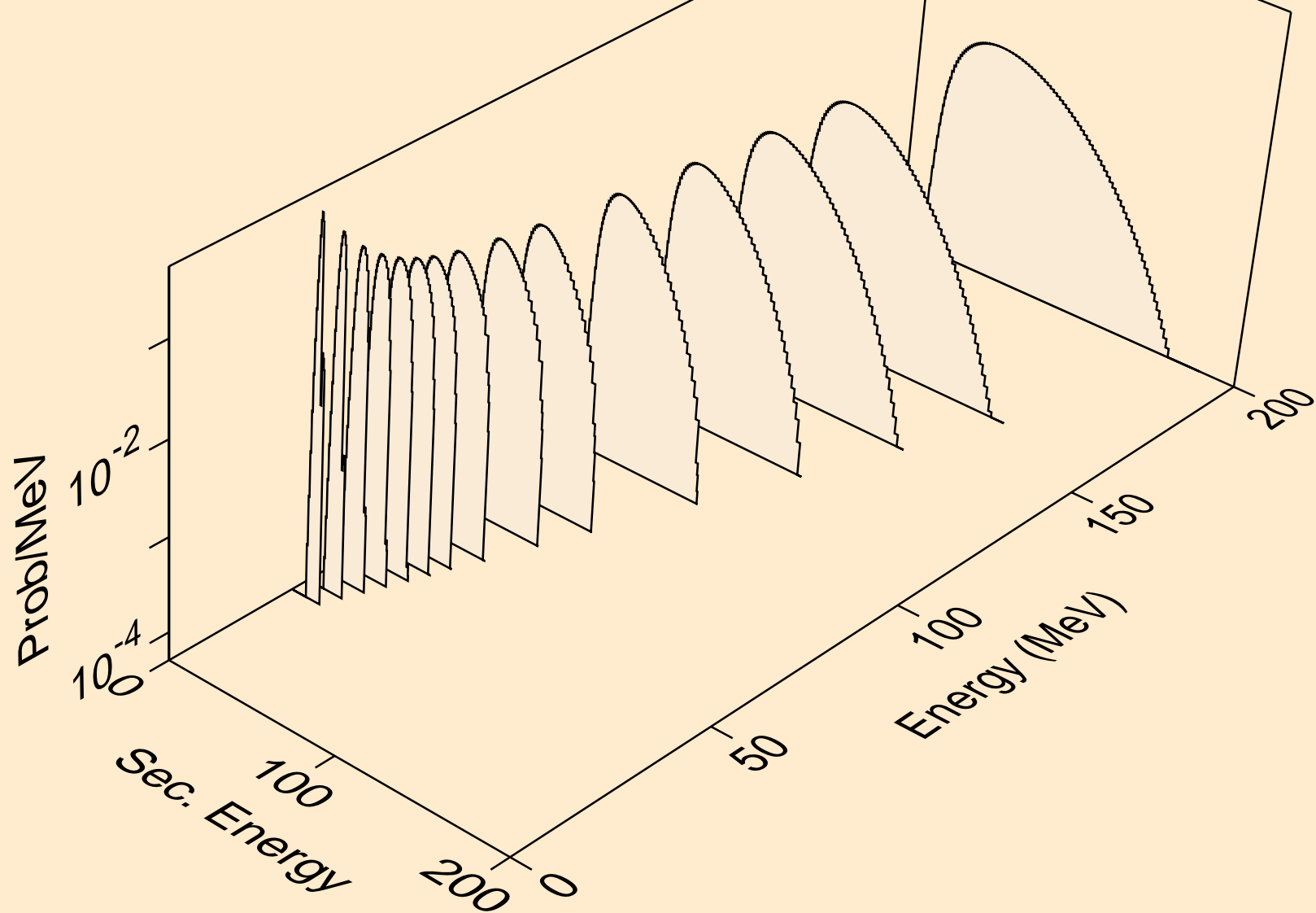
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



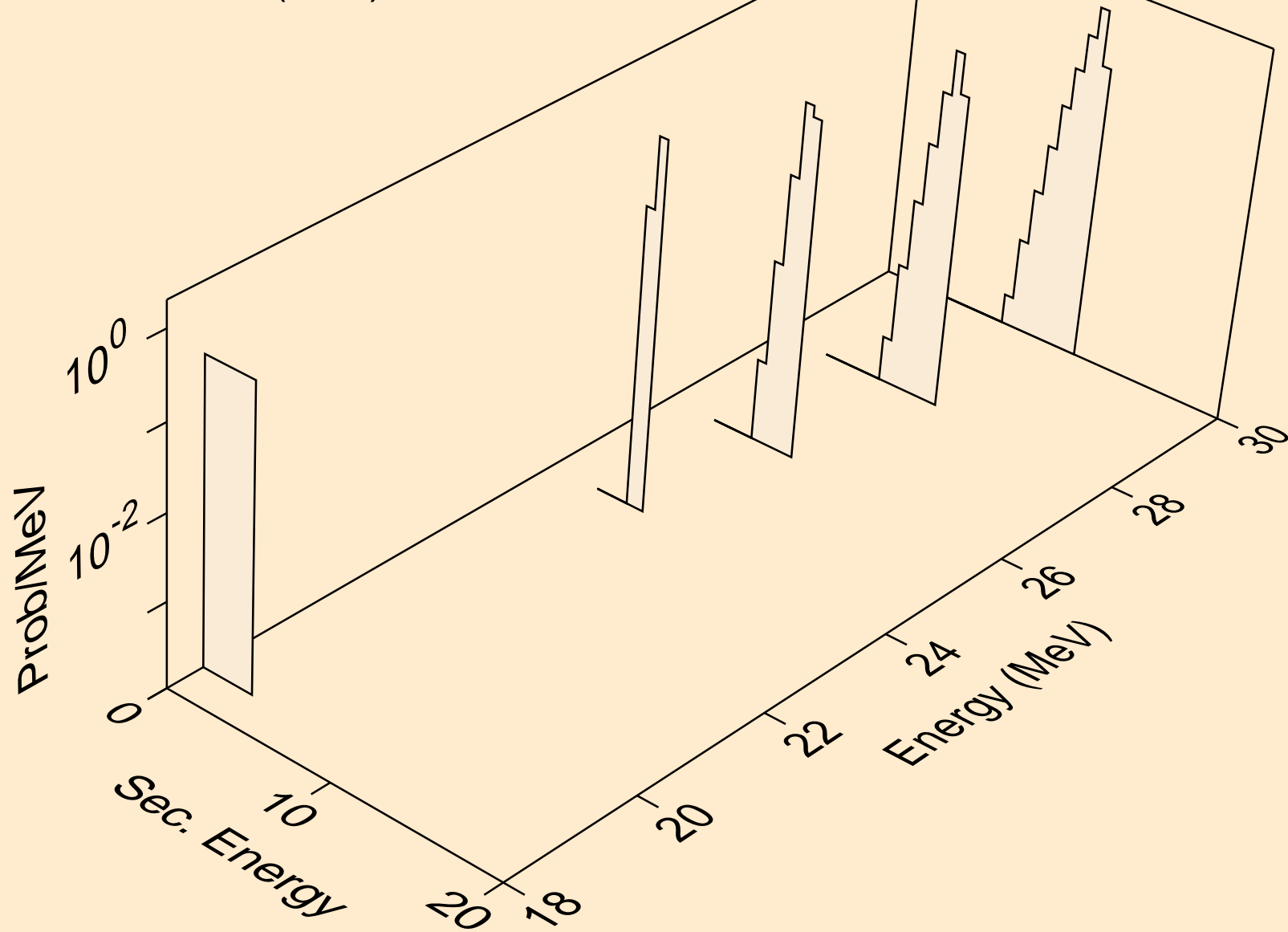
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



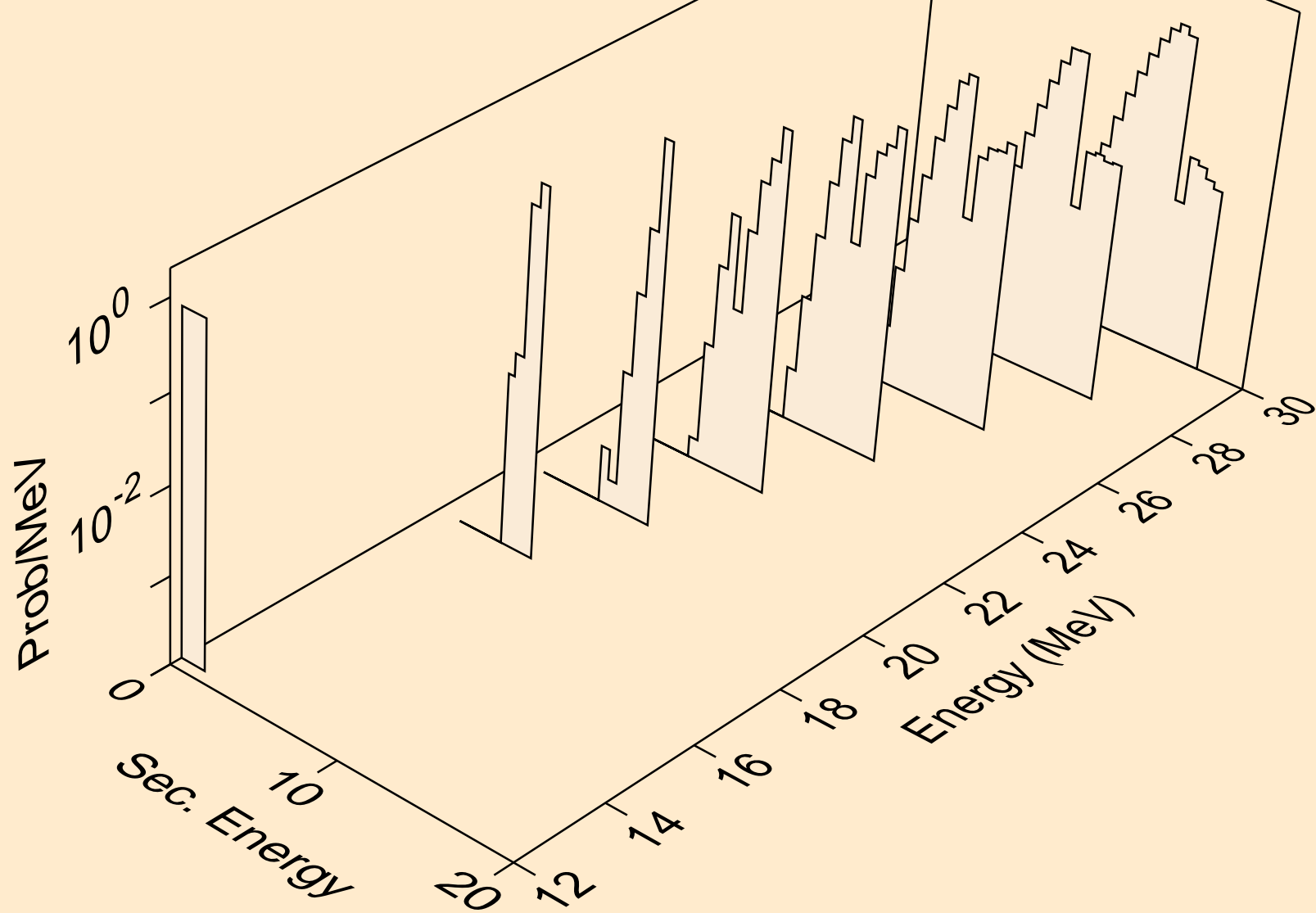
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



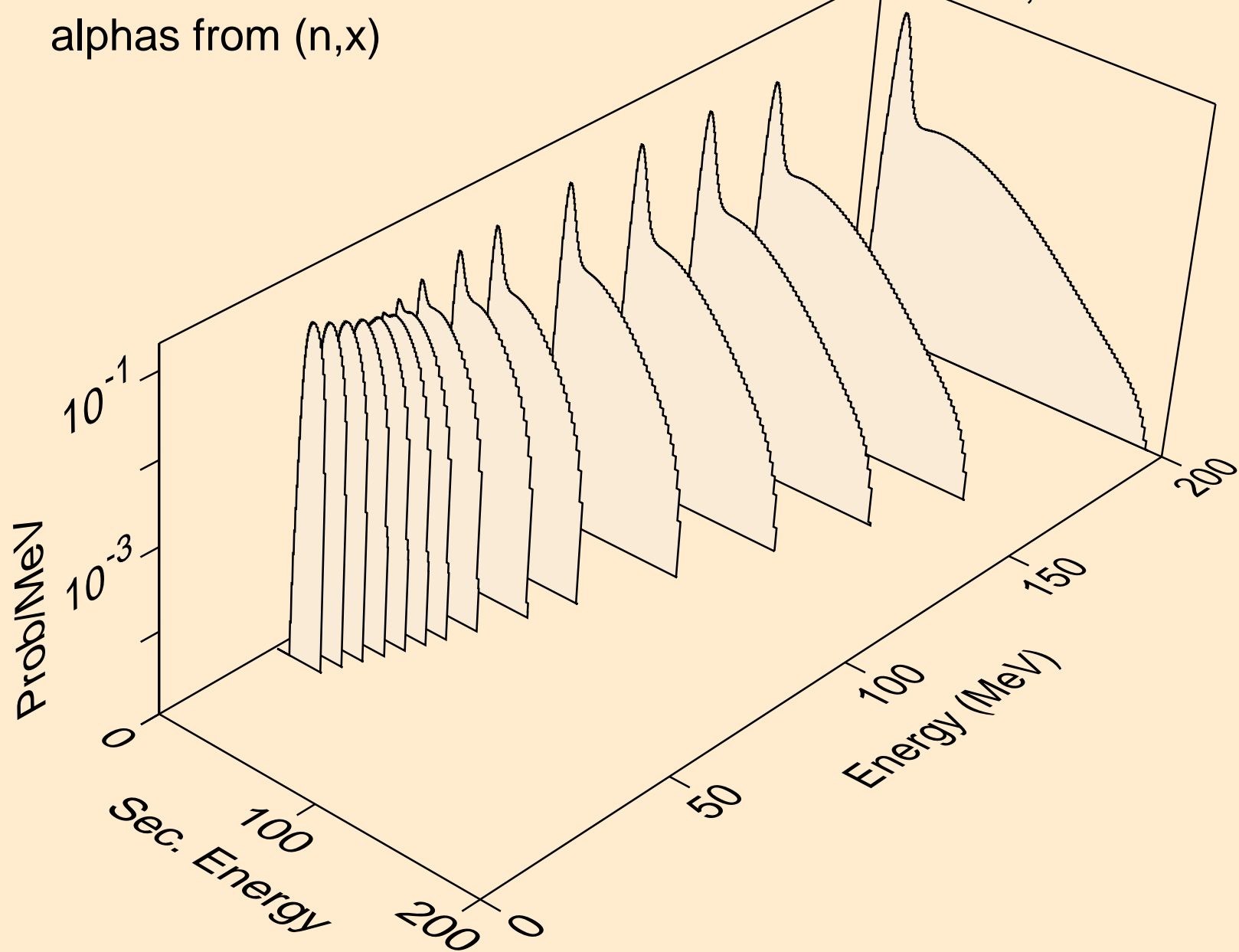
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



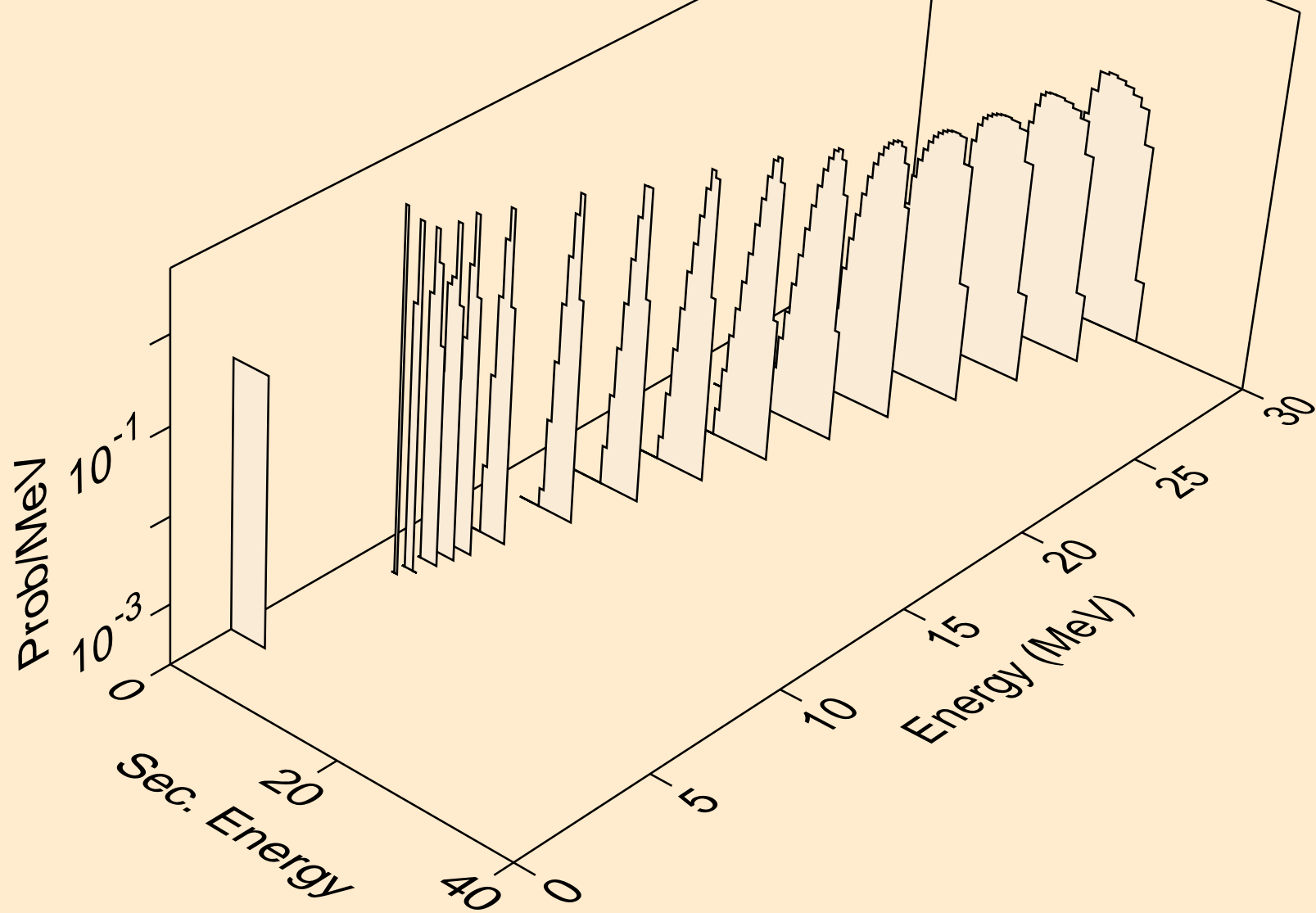
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



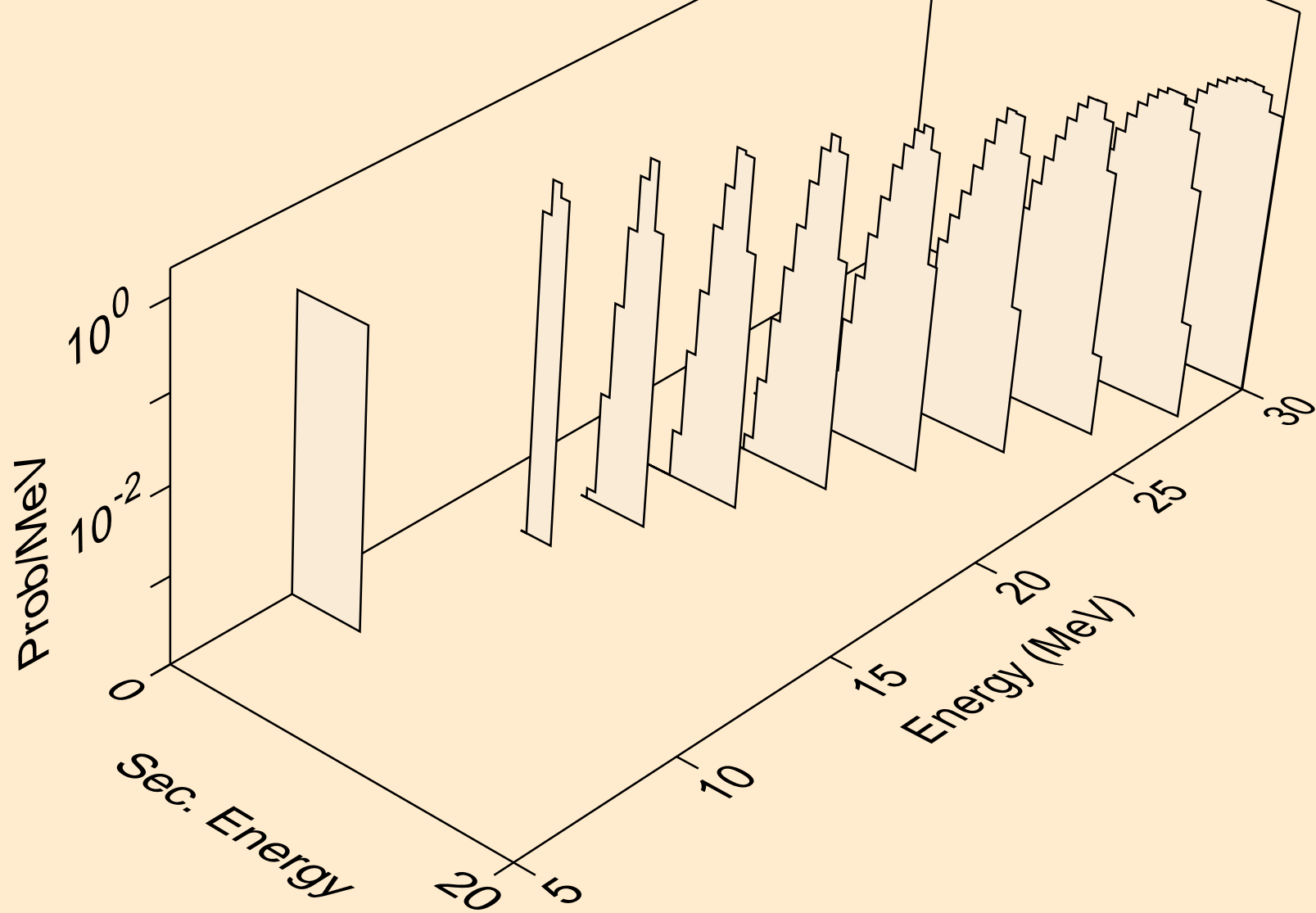
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



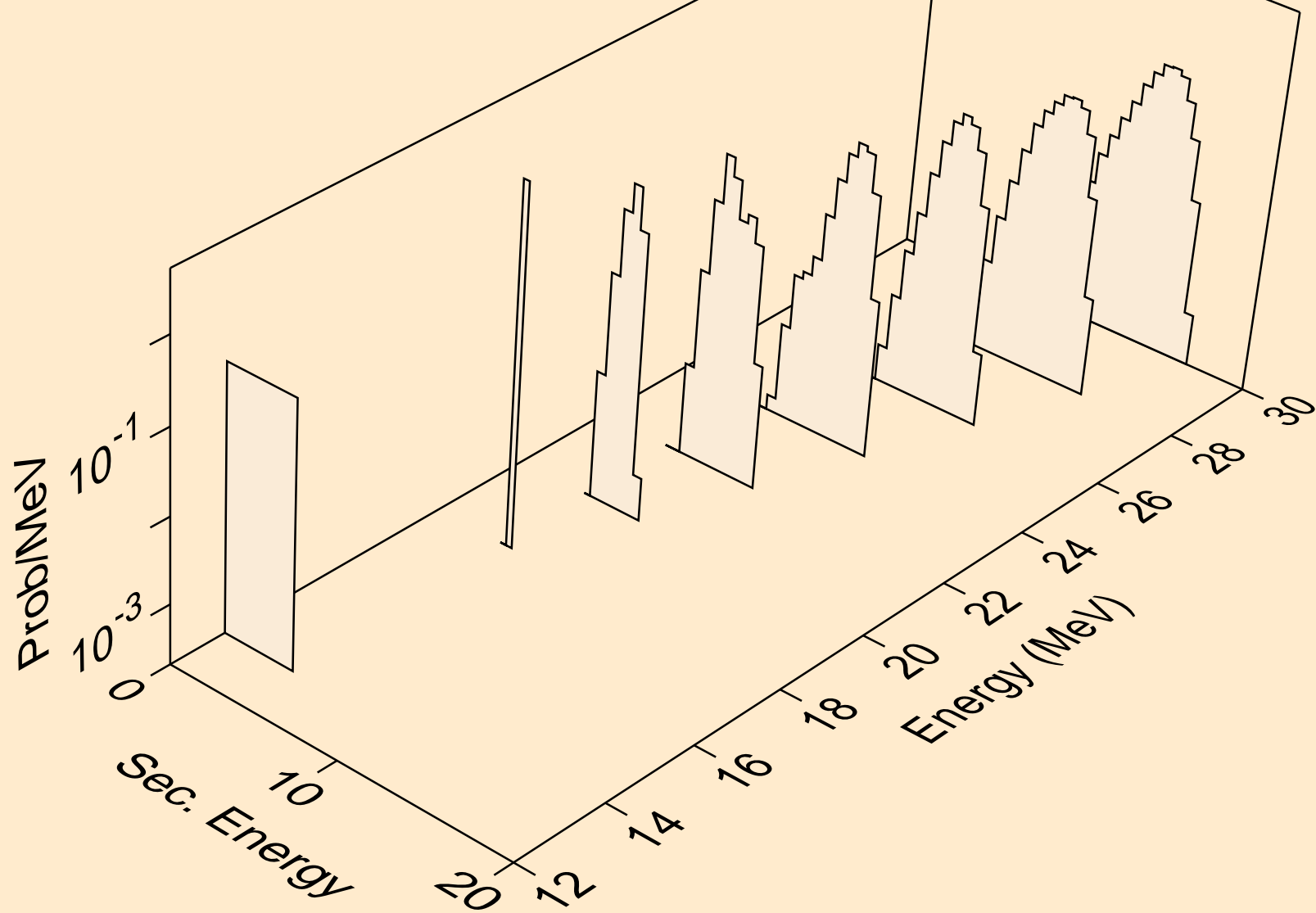
ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



ND152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

