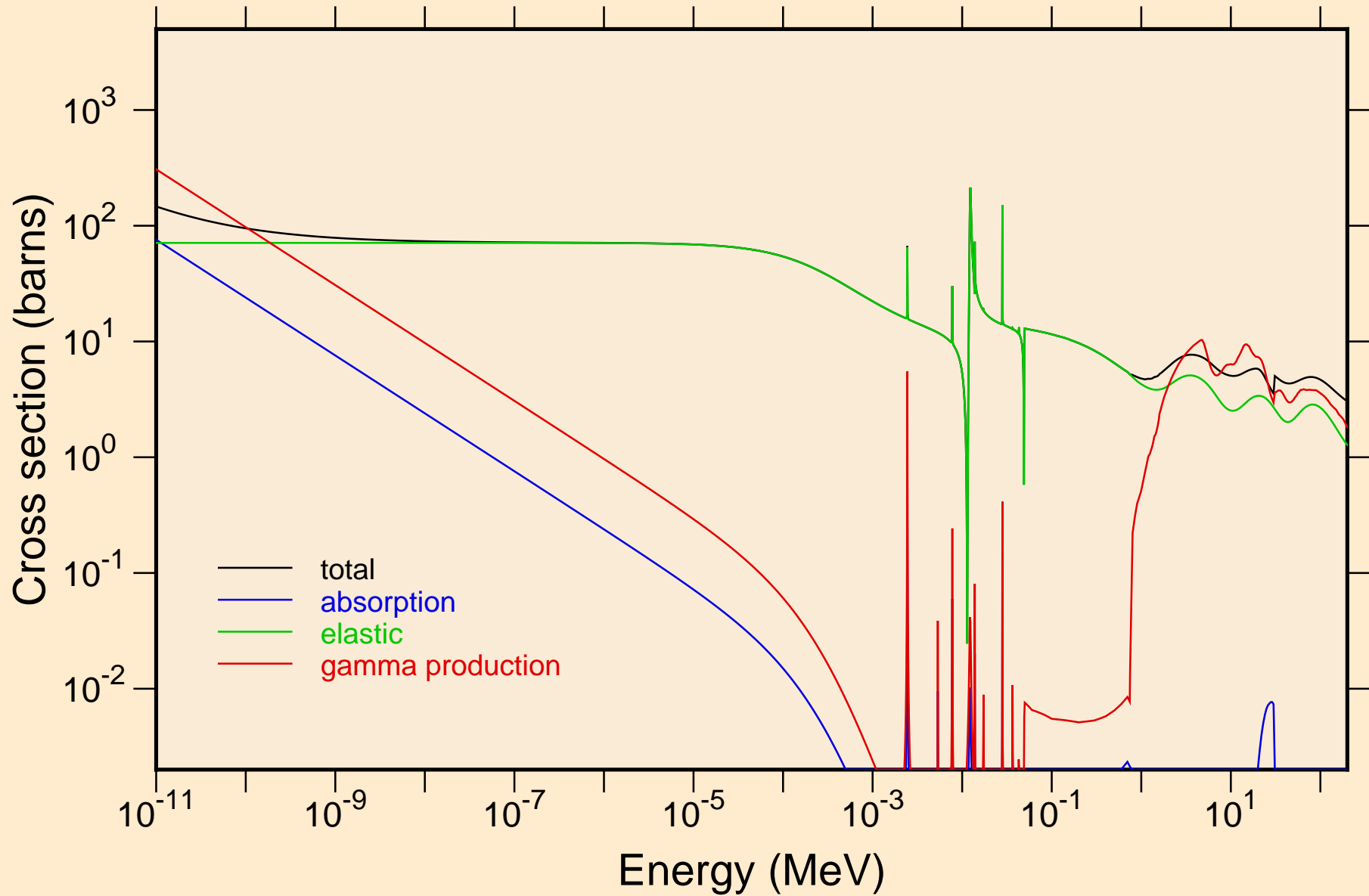
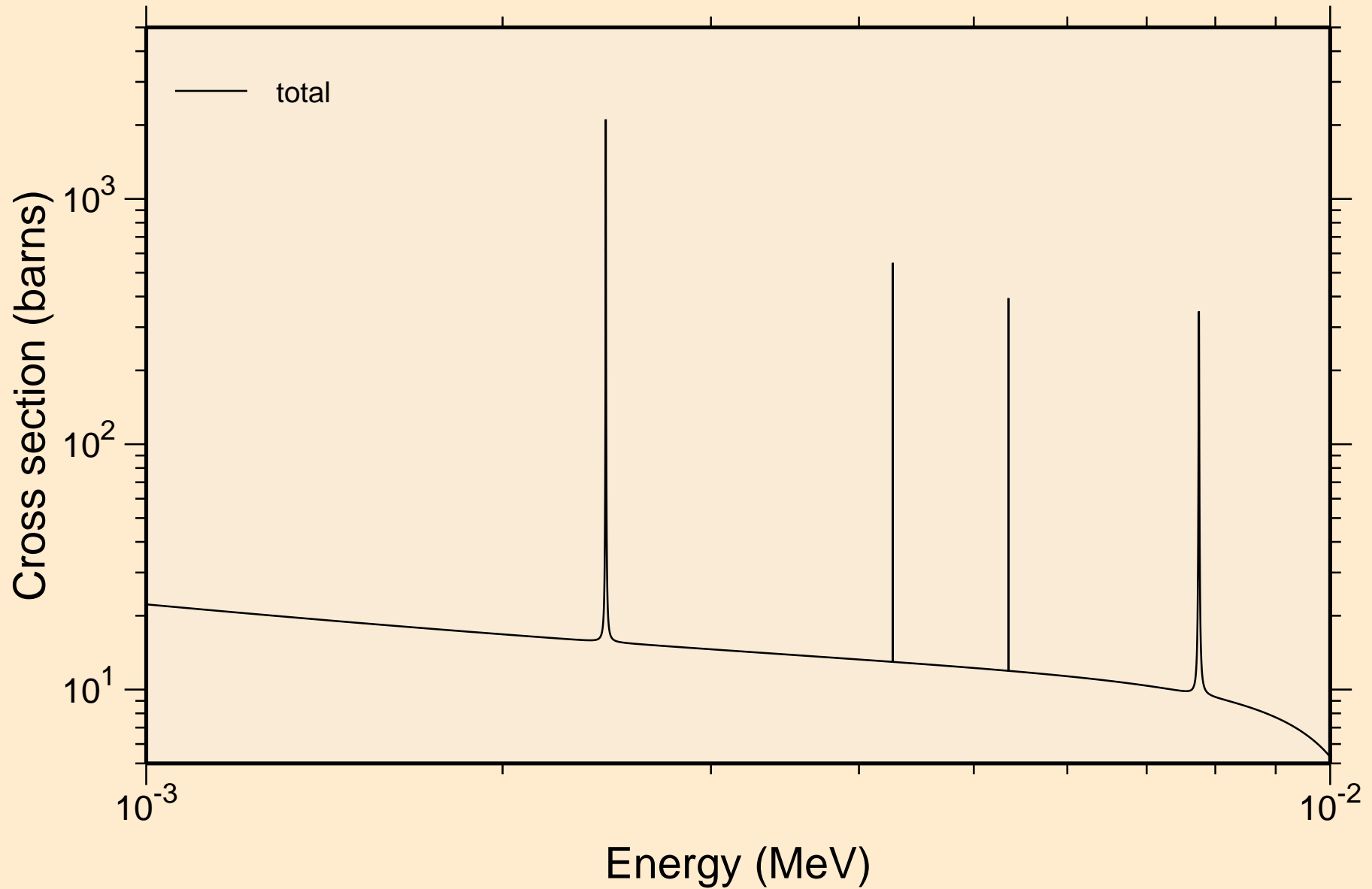


# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

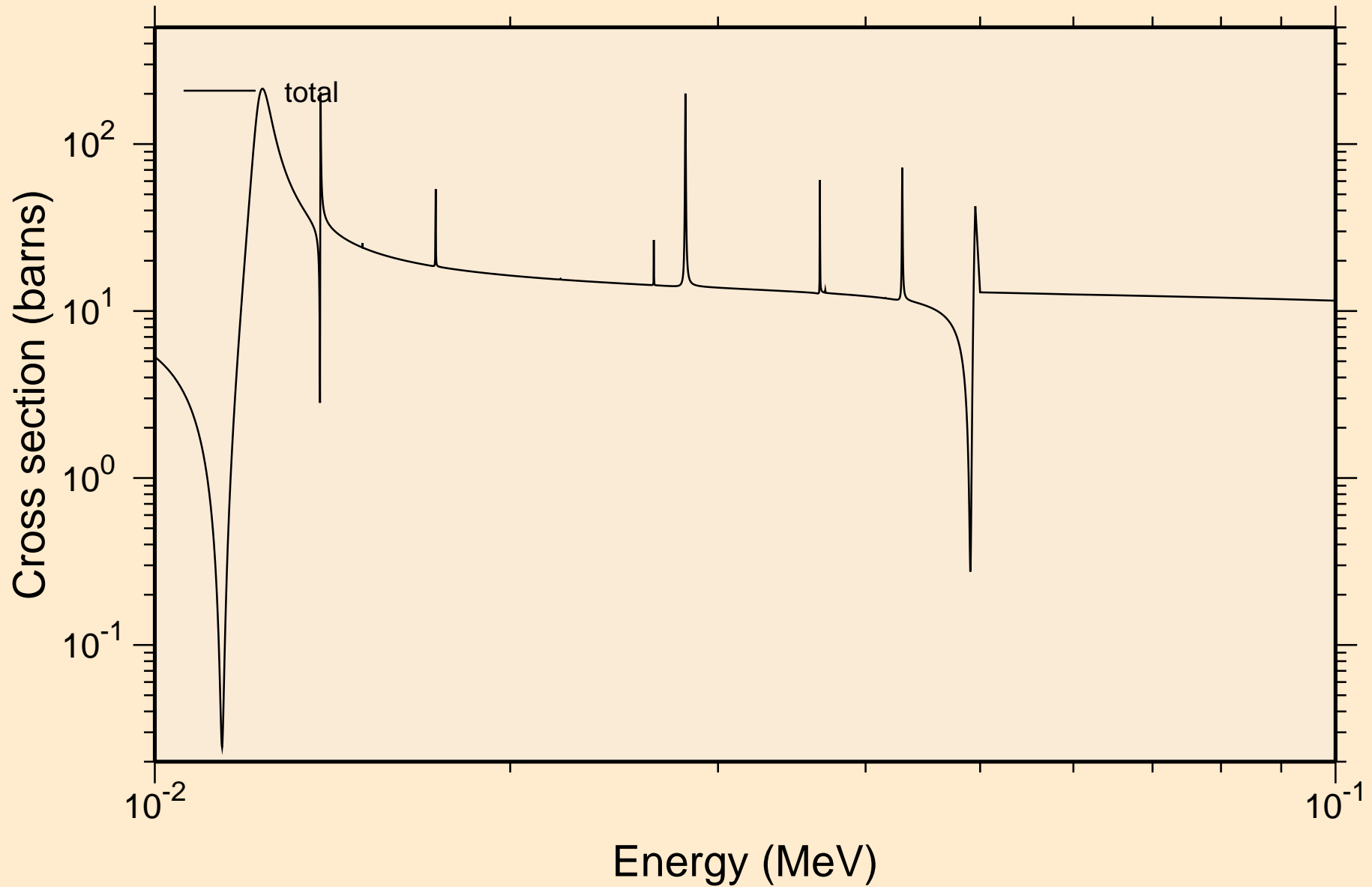
## Principal cross sections



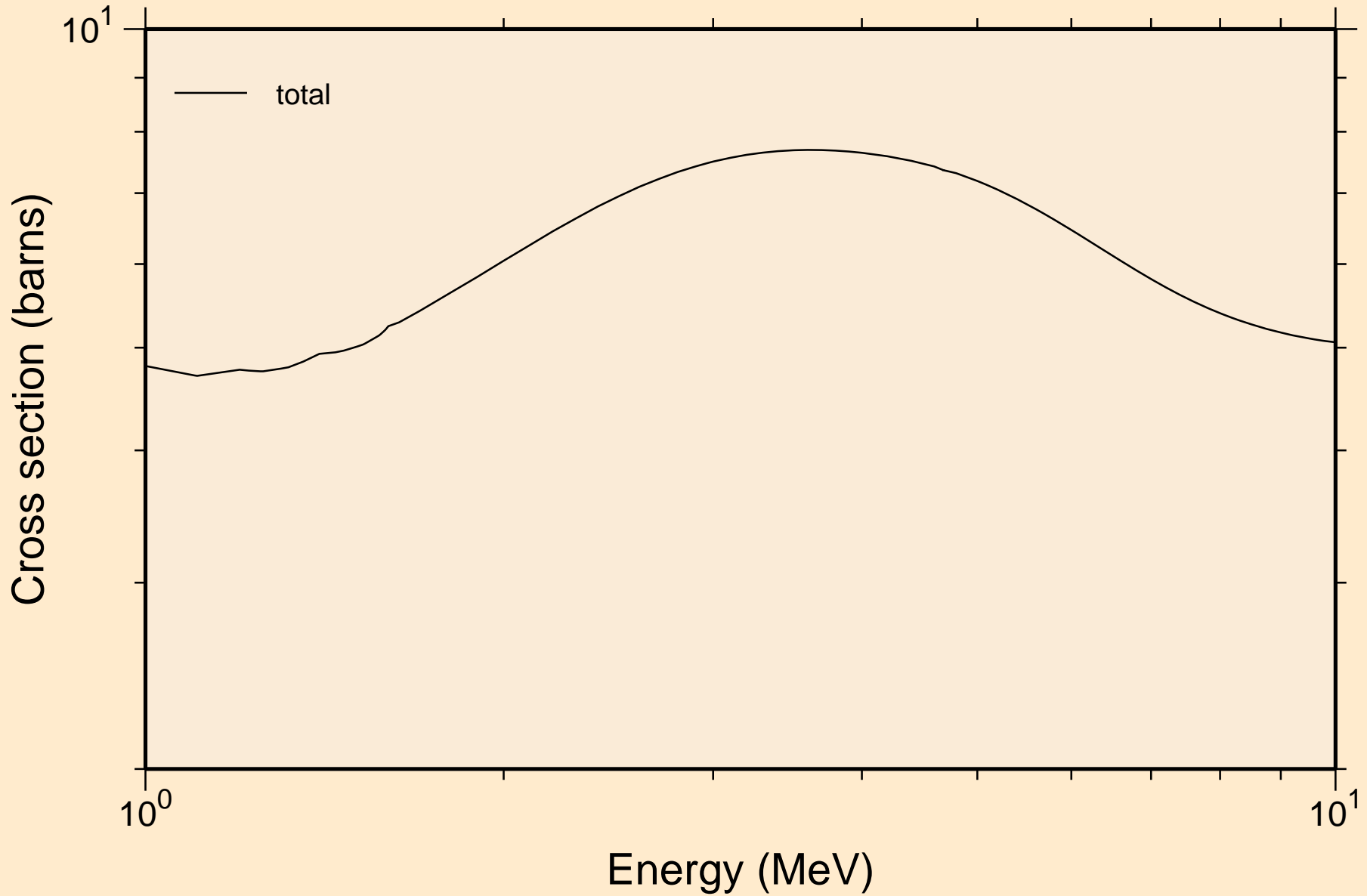
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



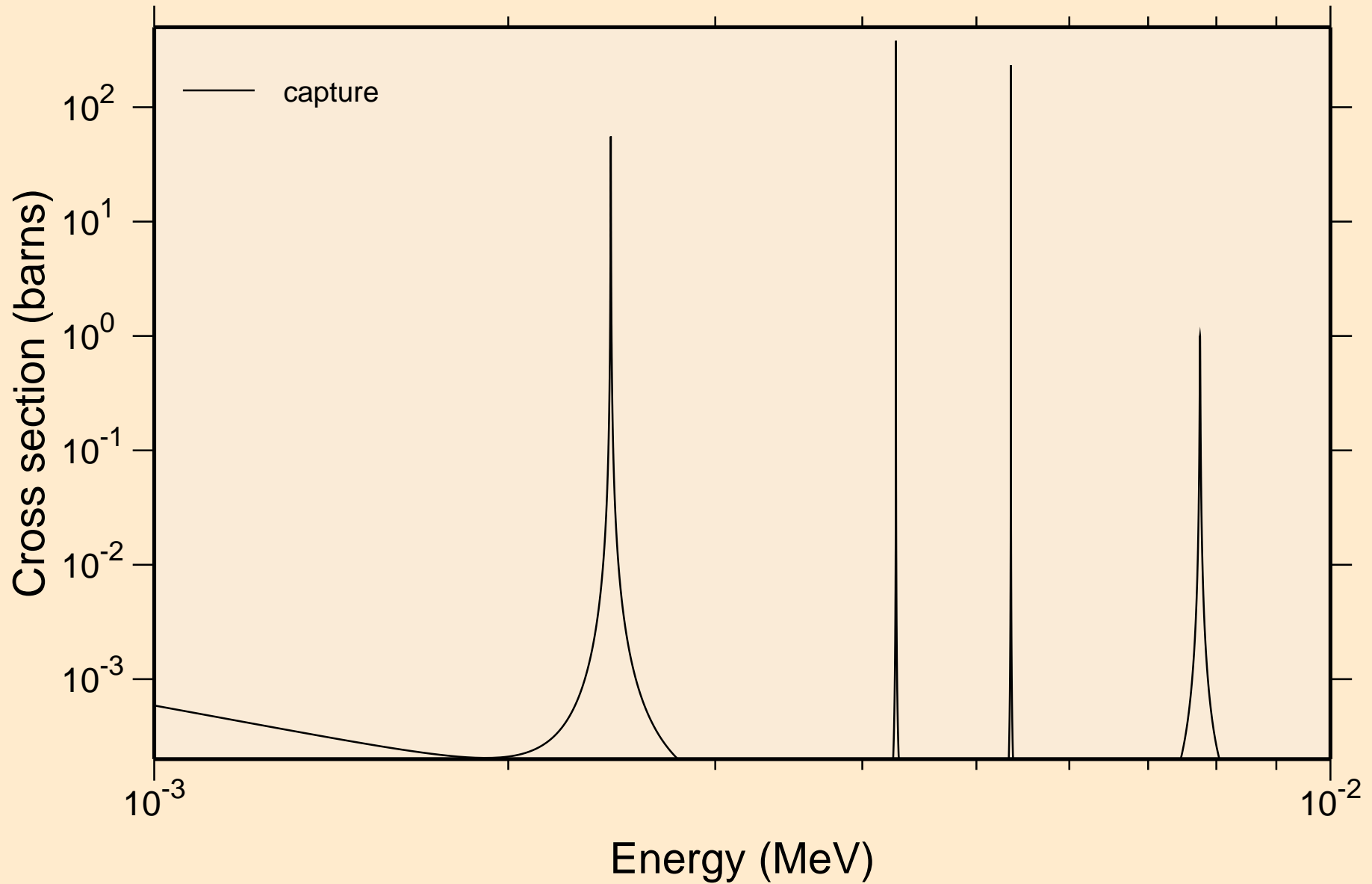
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section

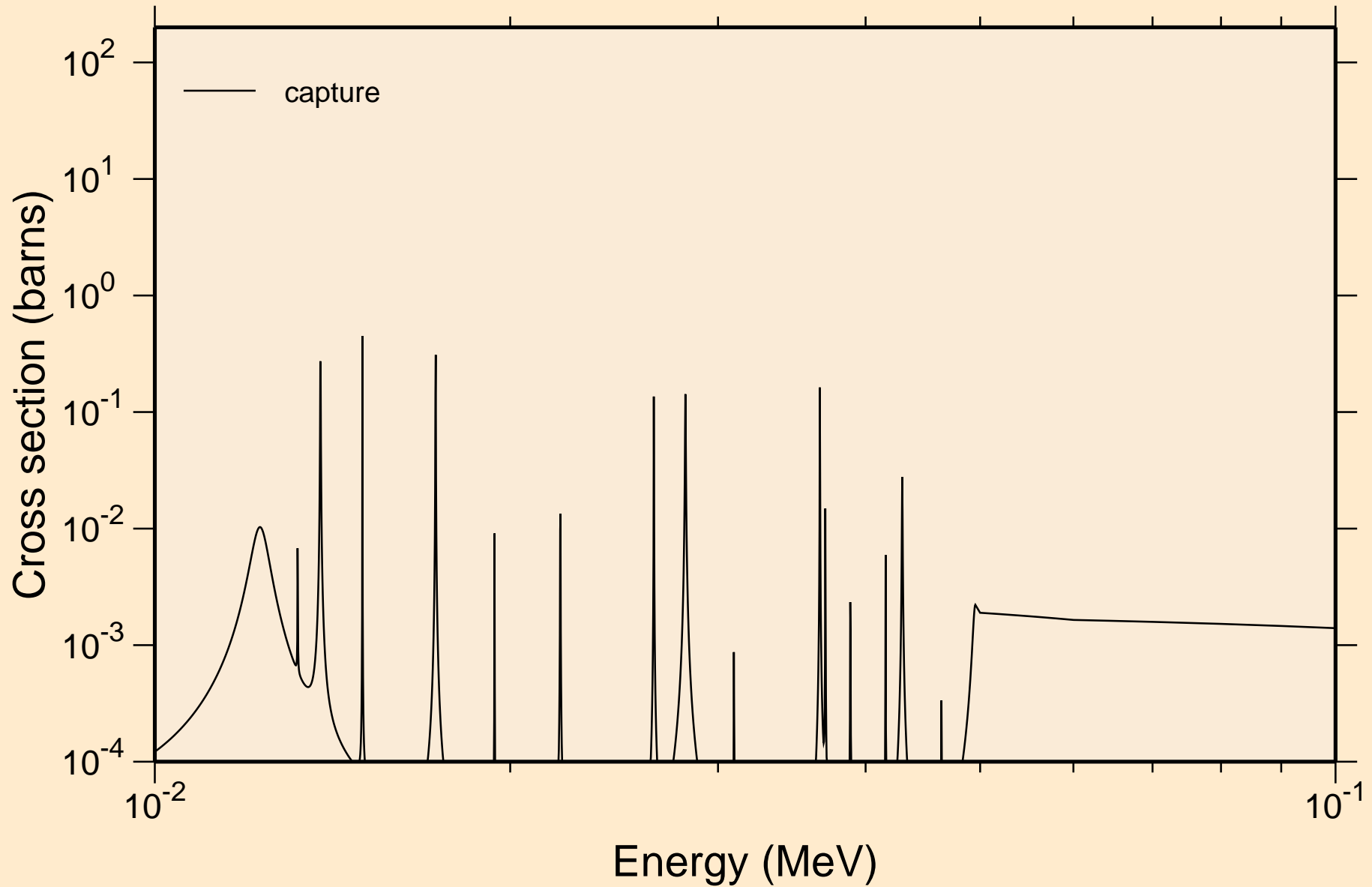


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

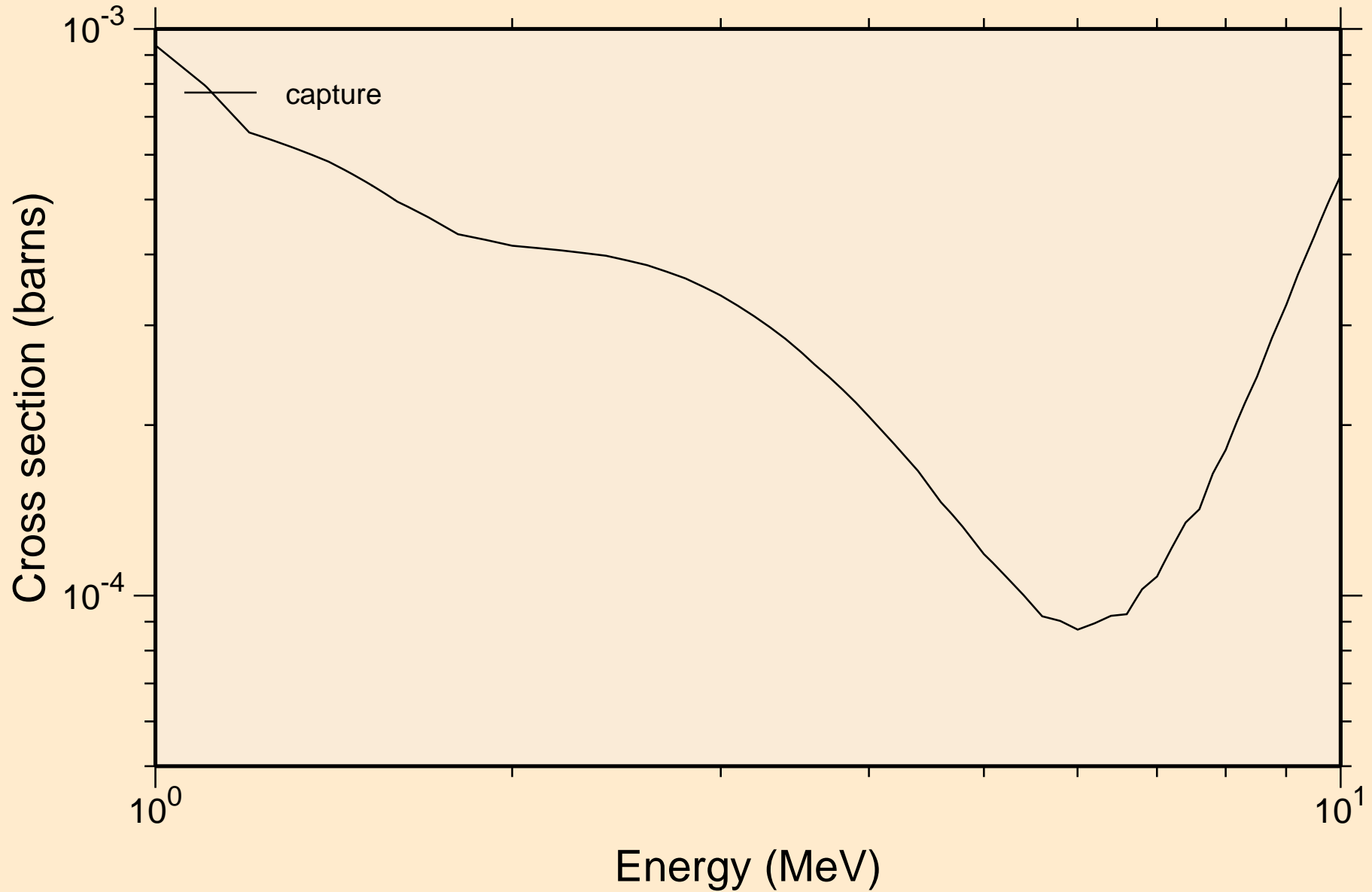


# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

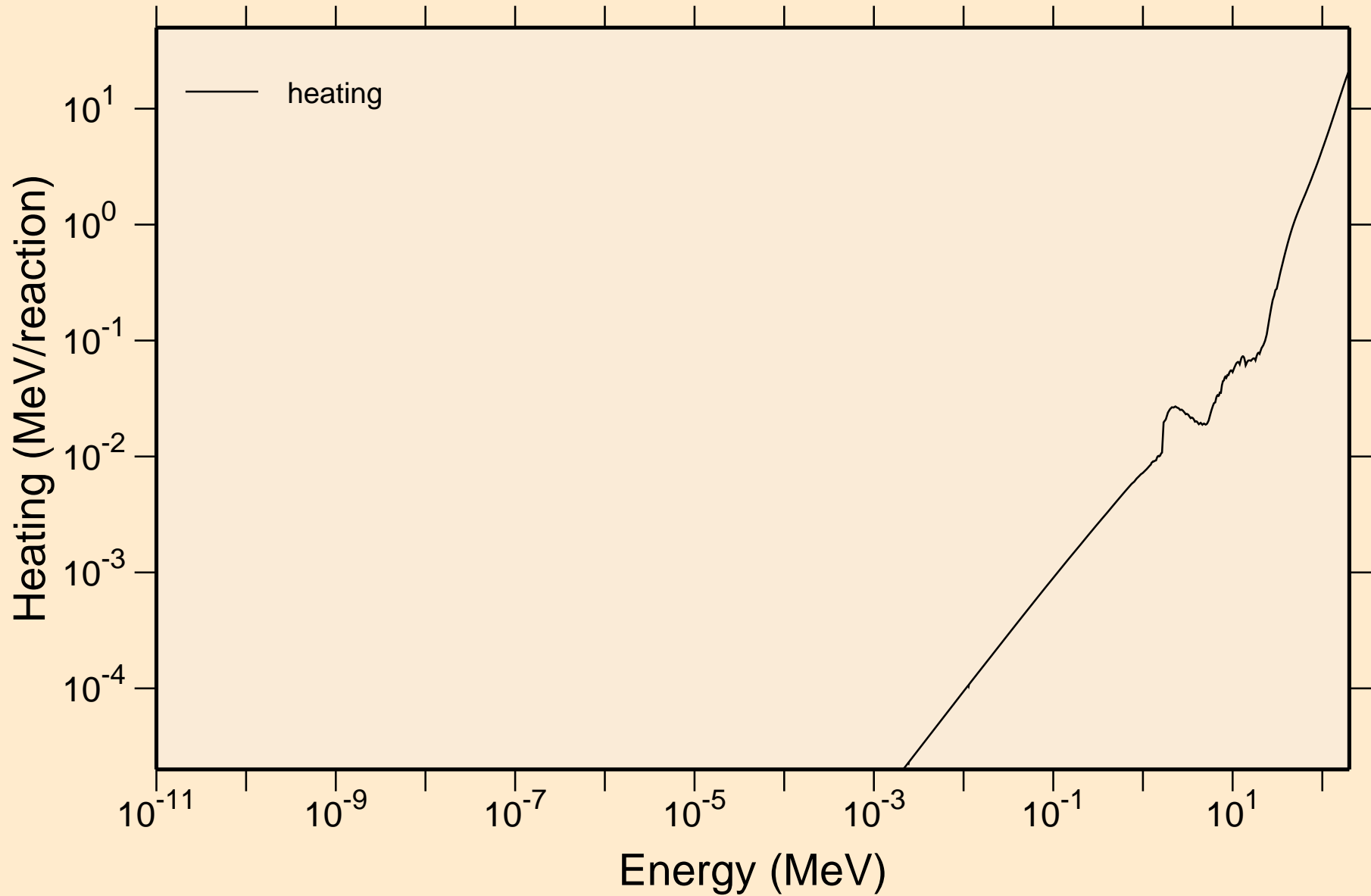


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

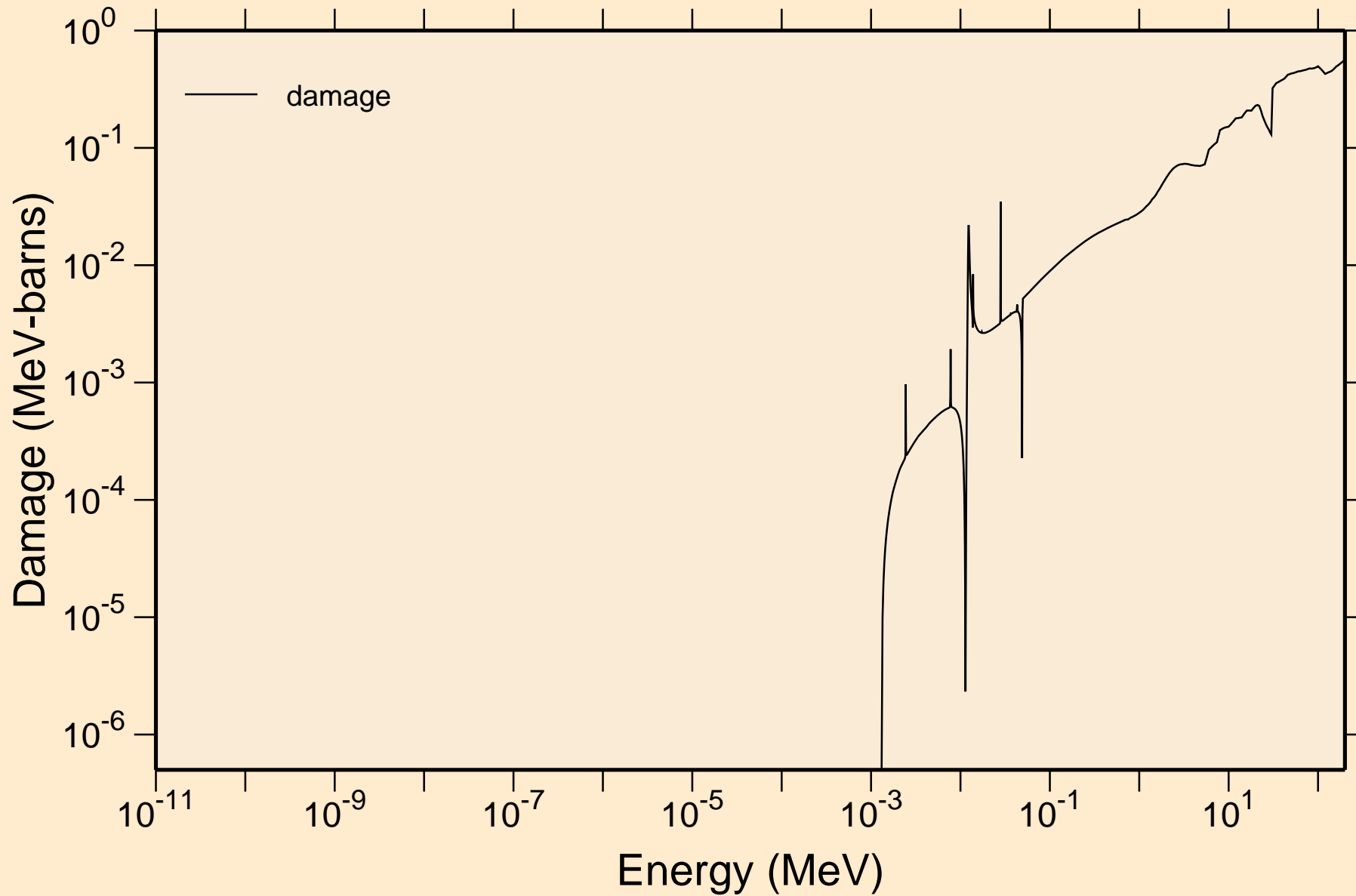
## Heating





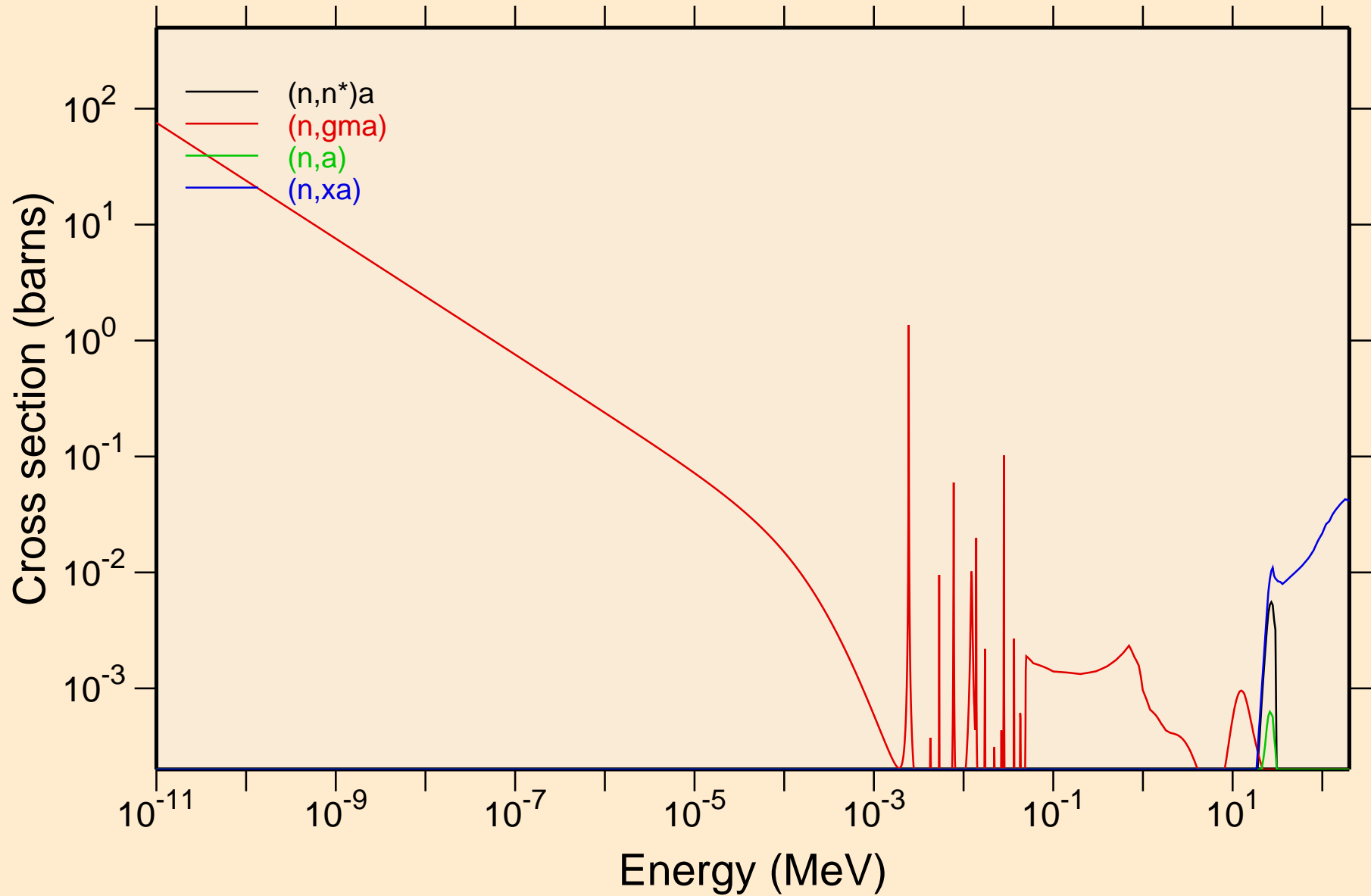
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



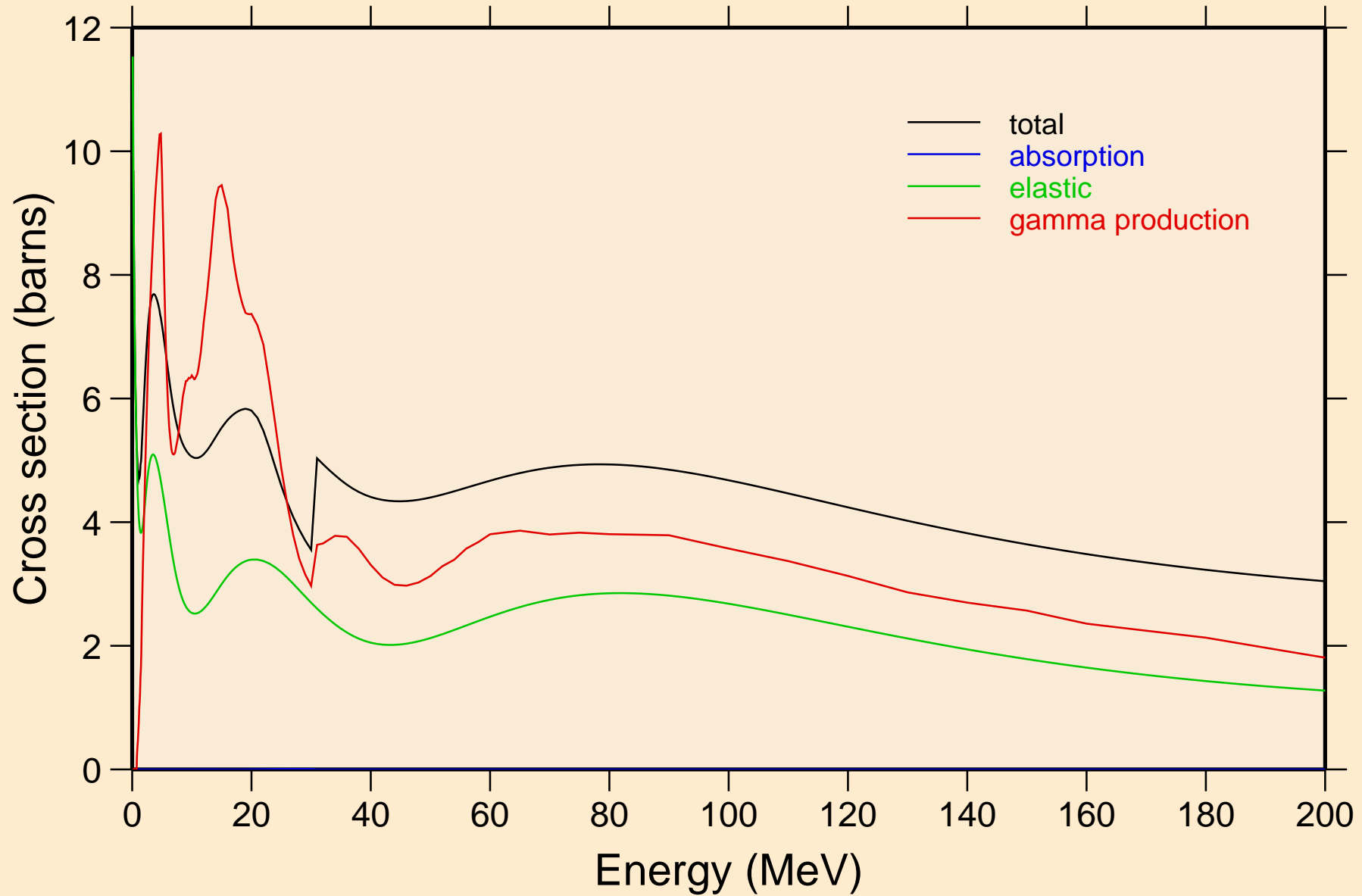
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



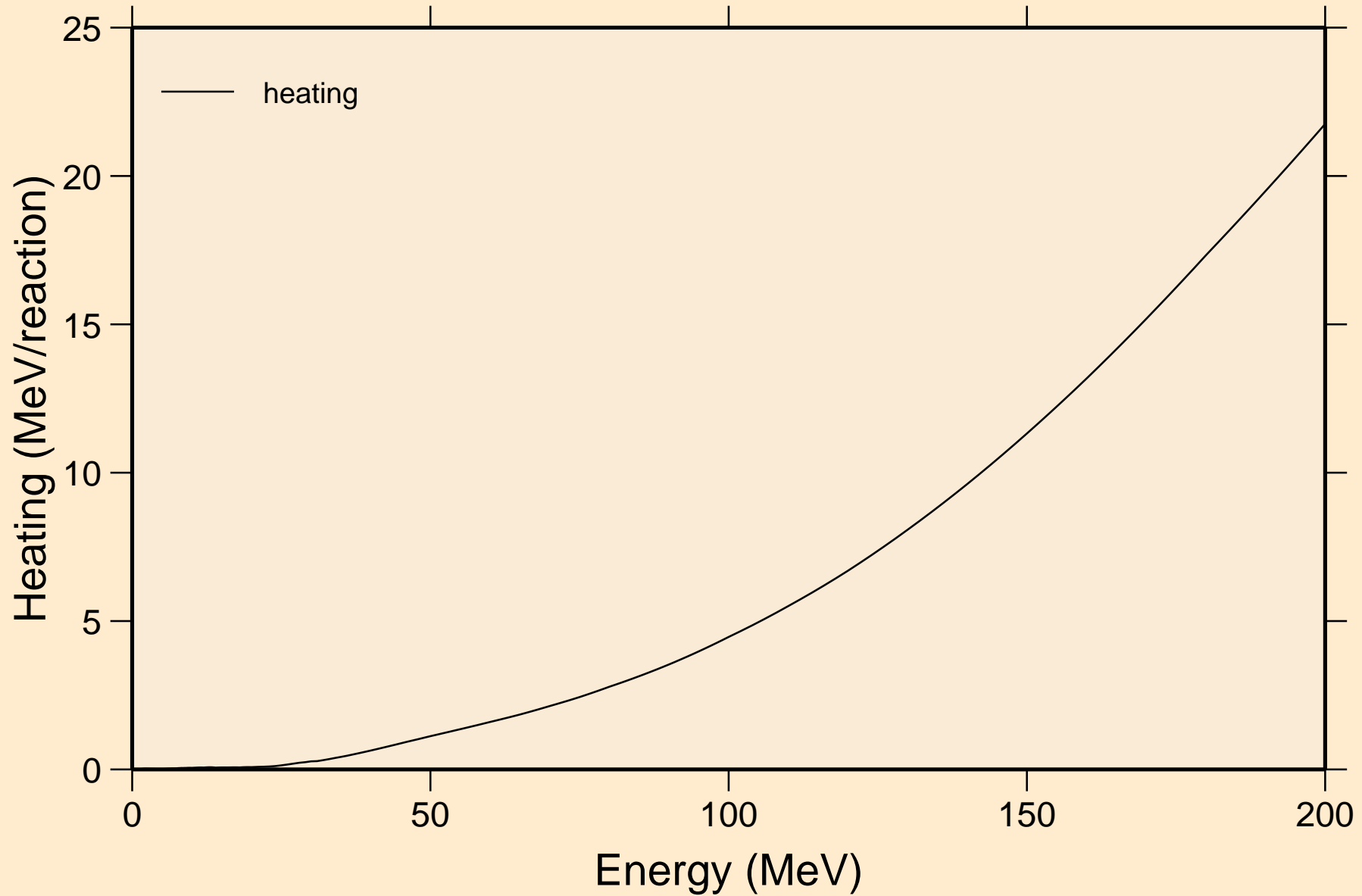
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



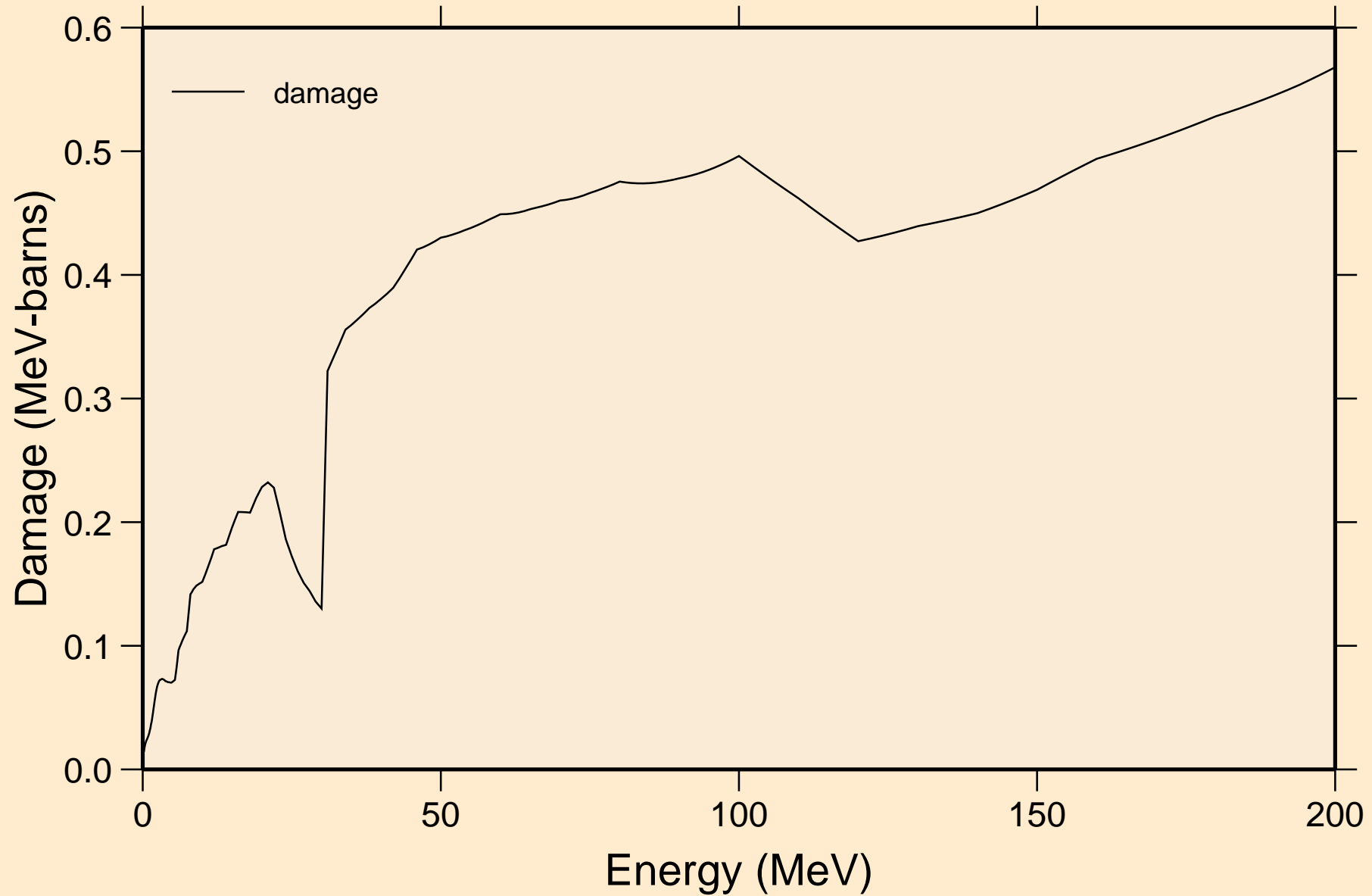
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



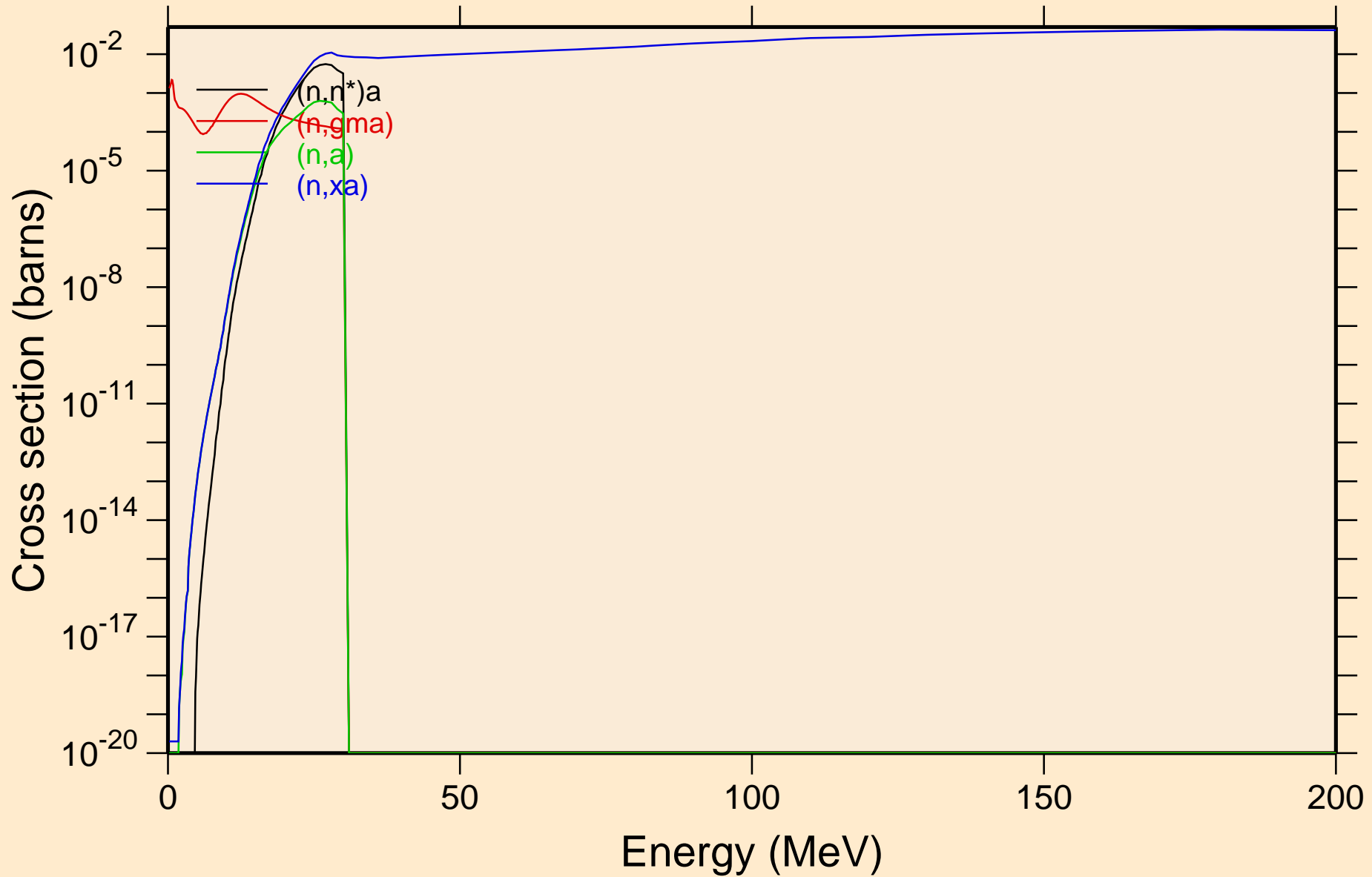
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

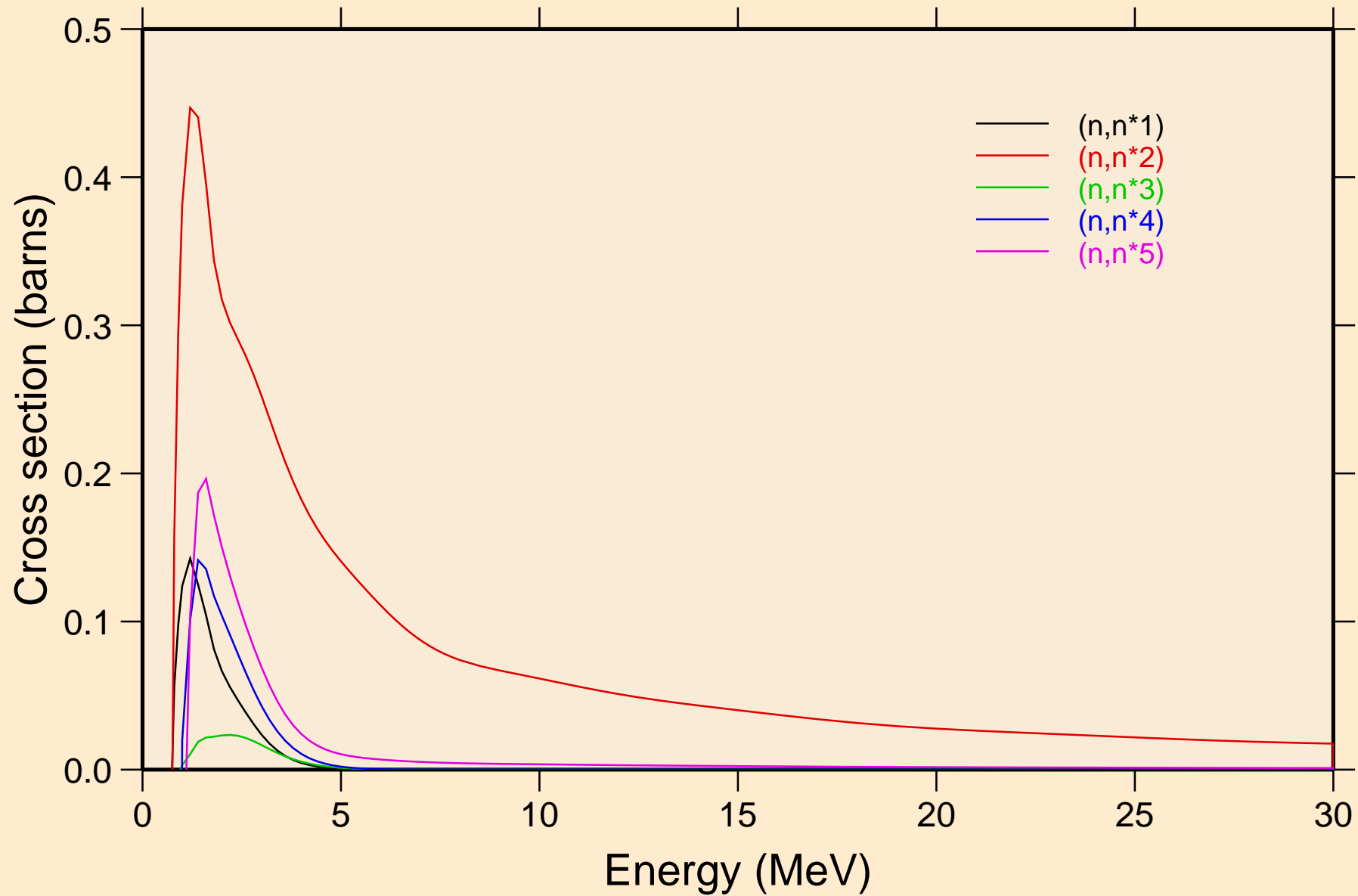


# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

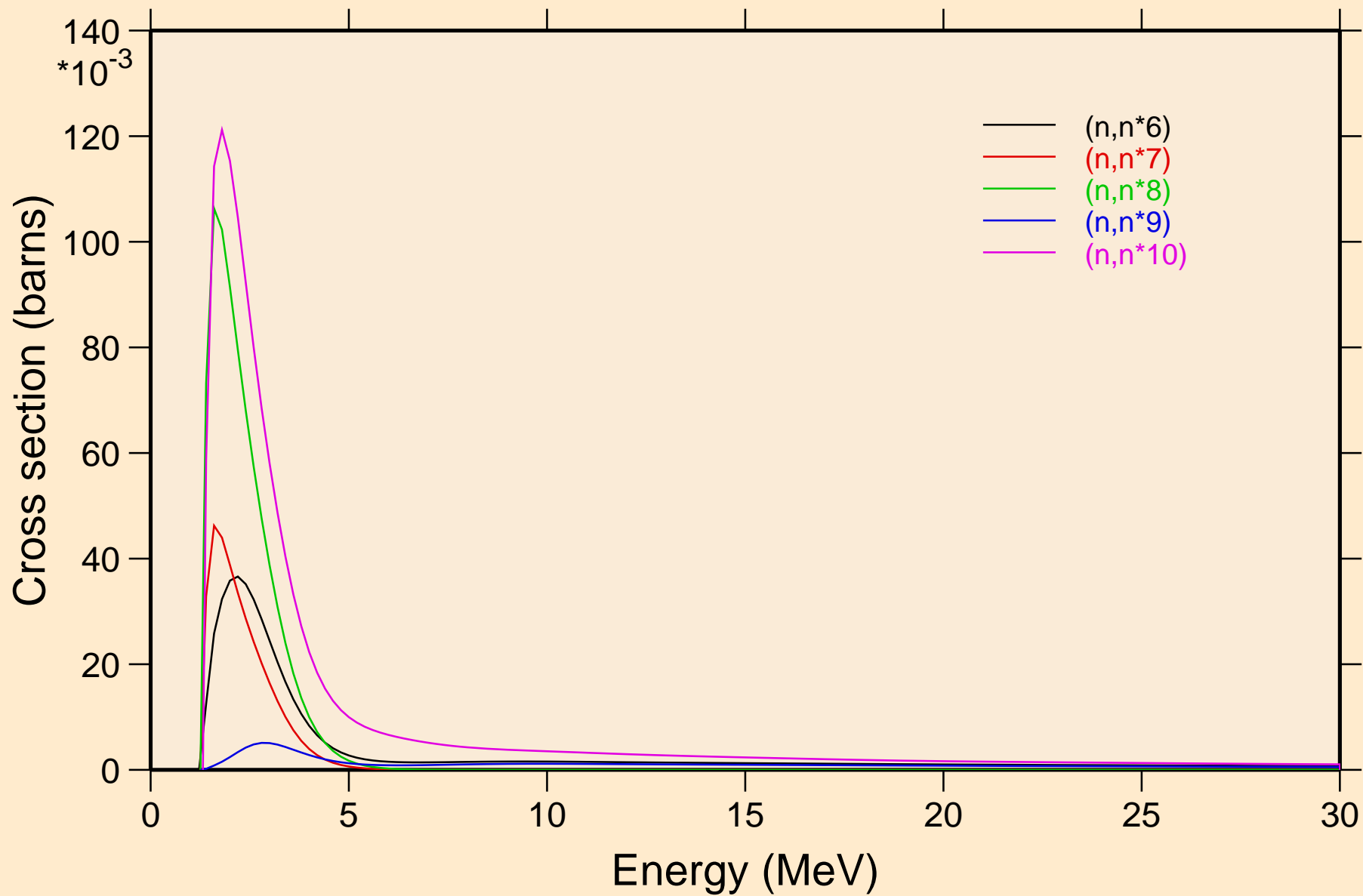
## Non-threshold reactions



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



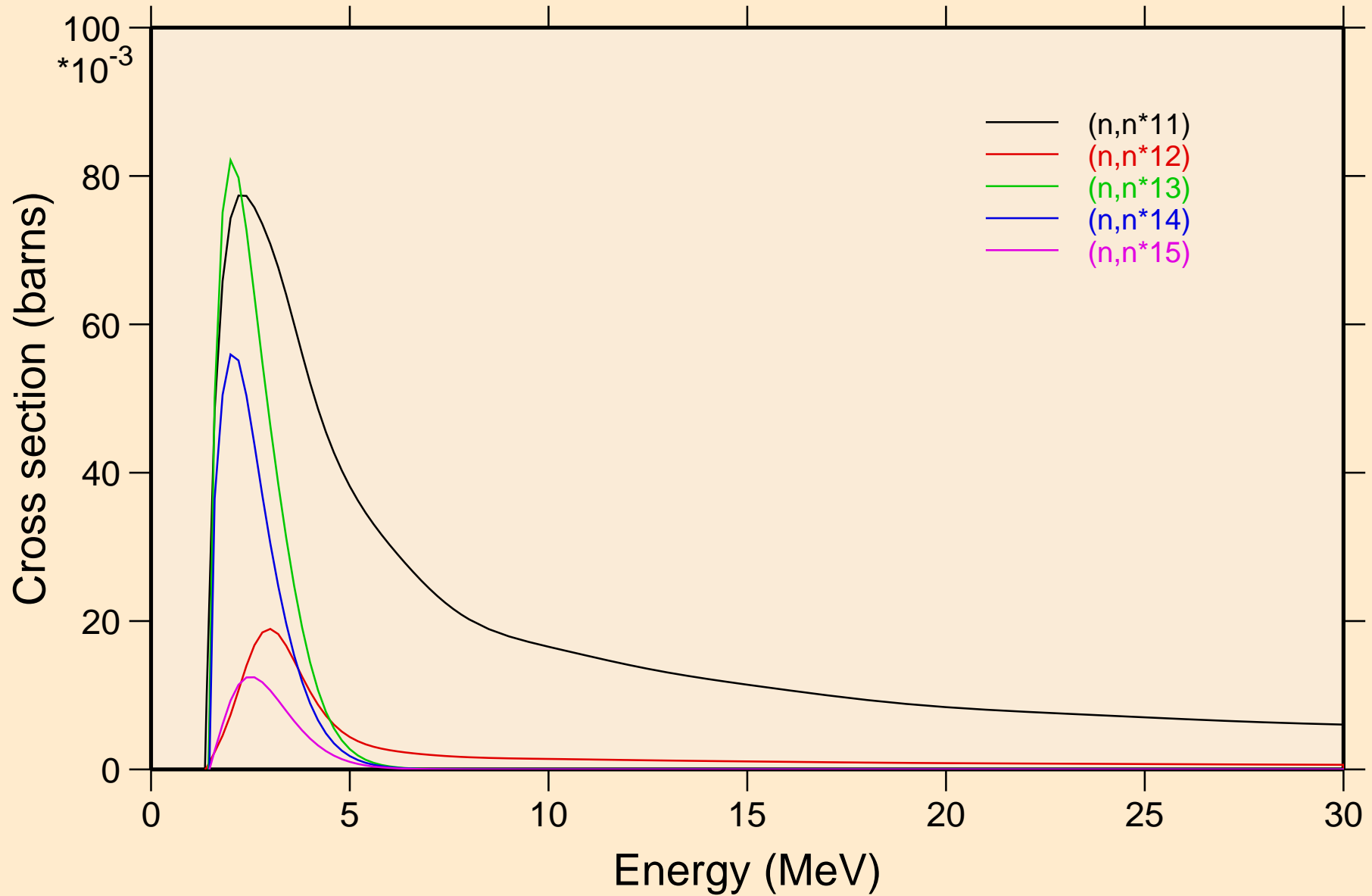
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels





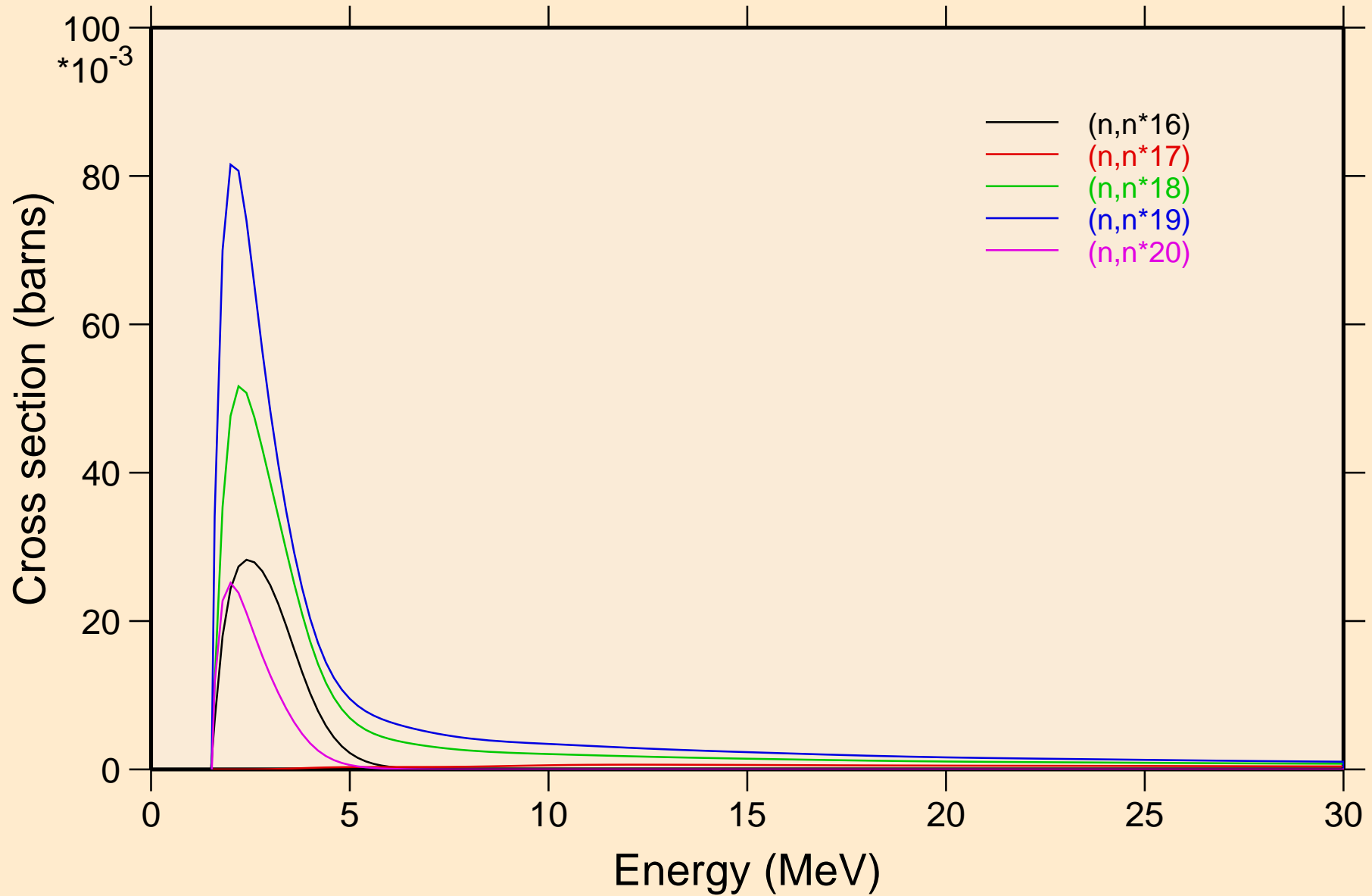
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



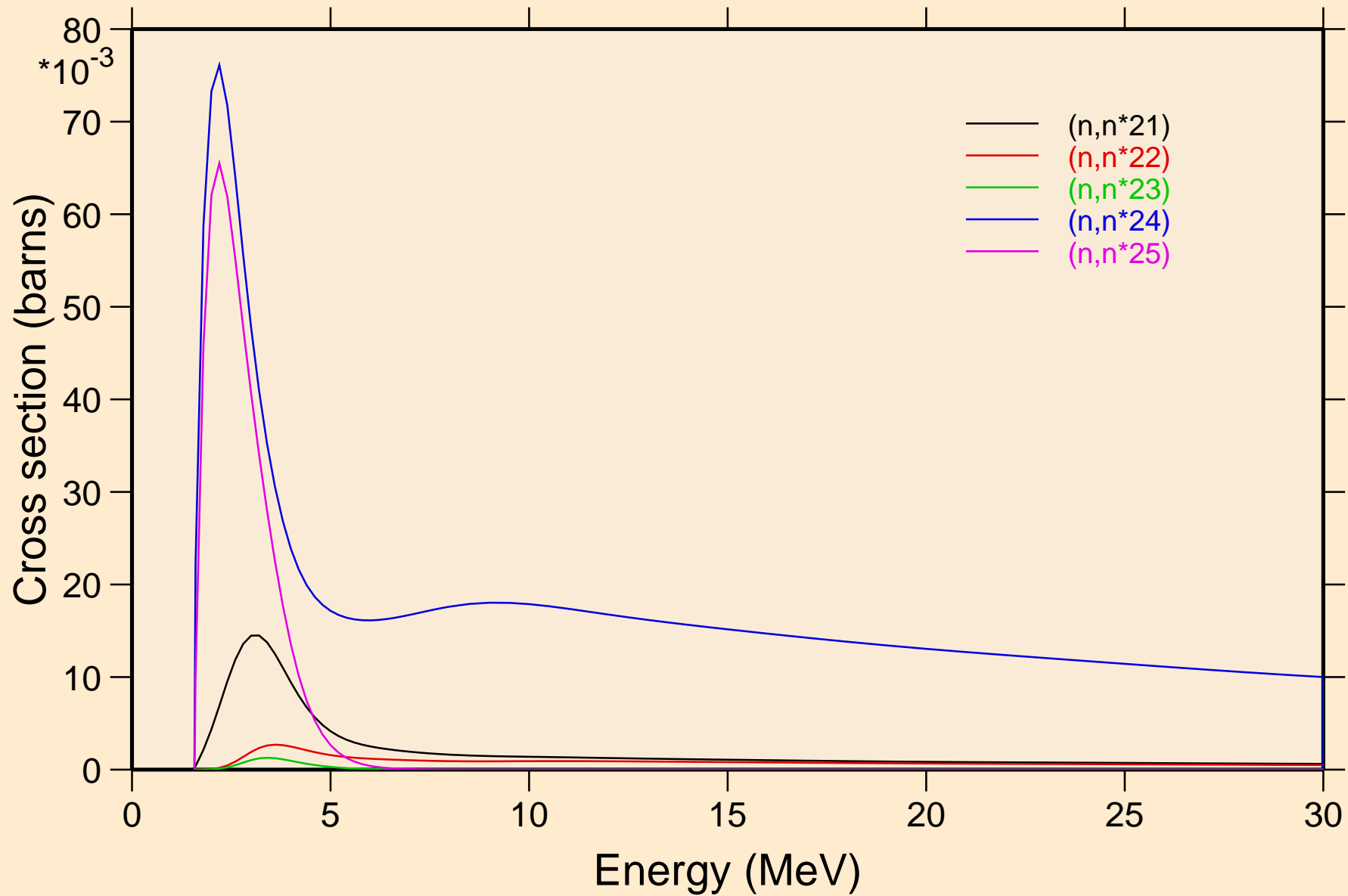
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



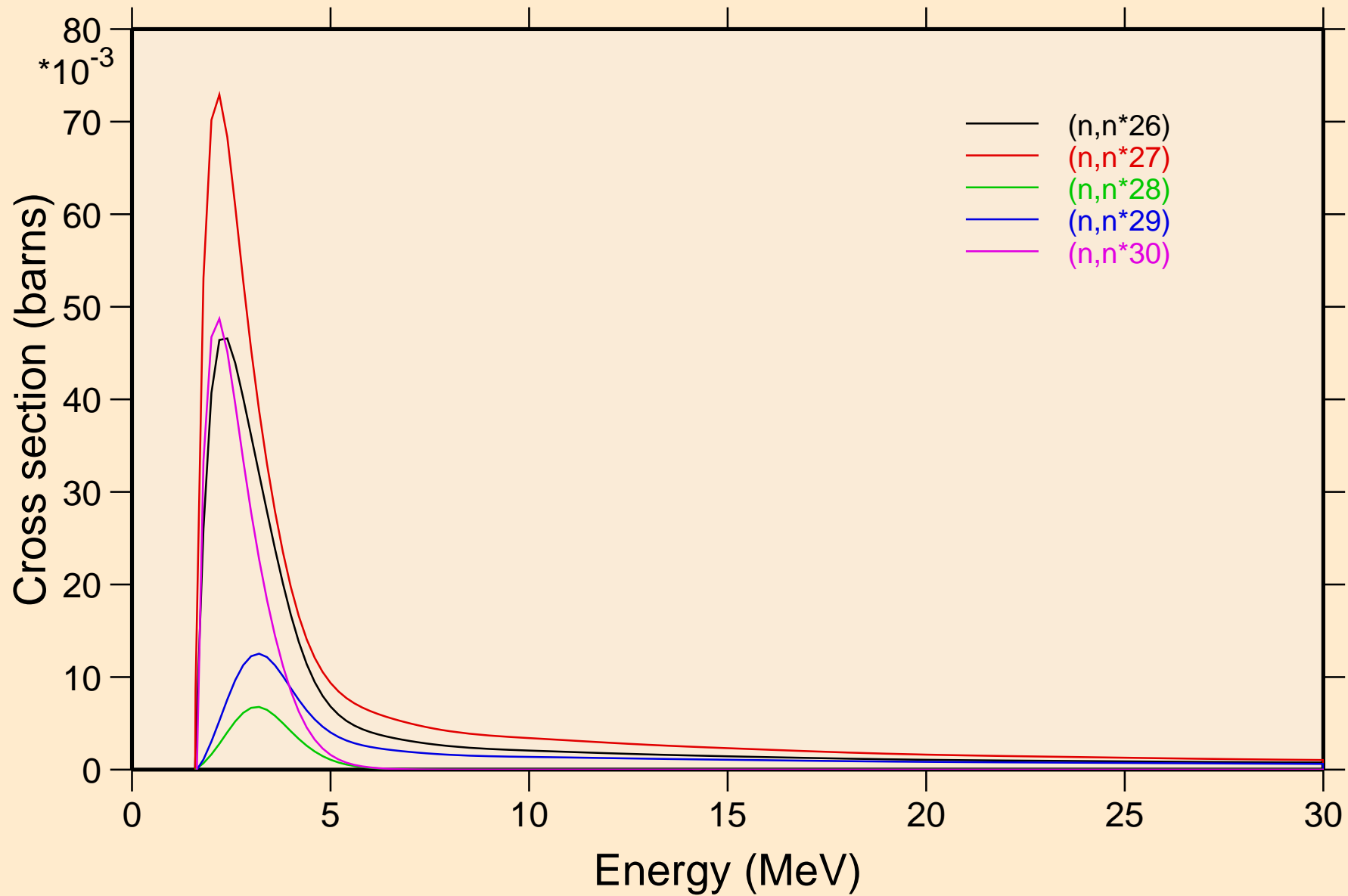
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



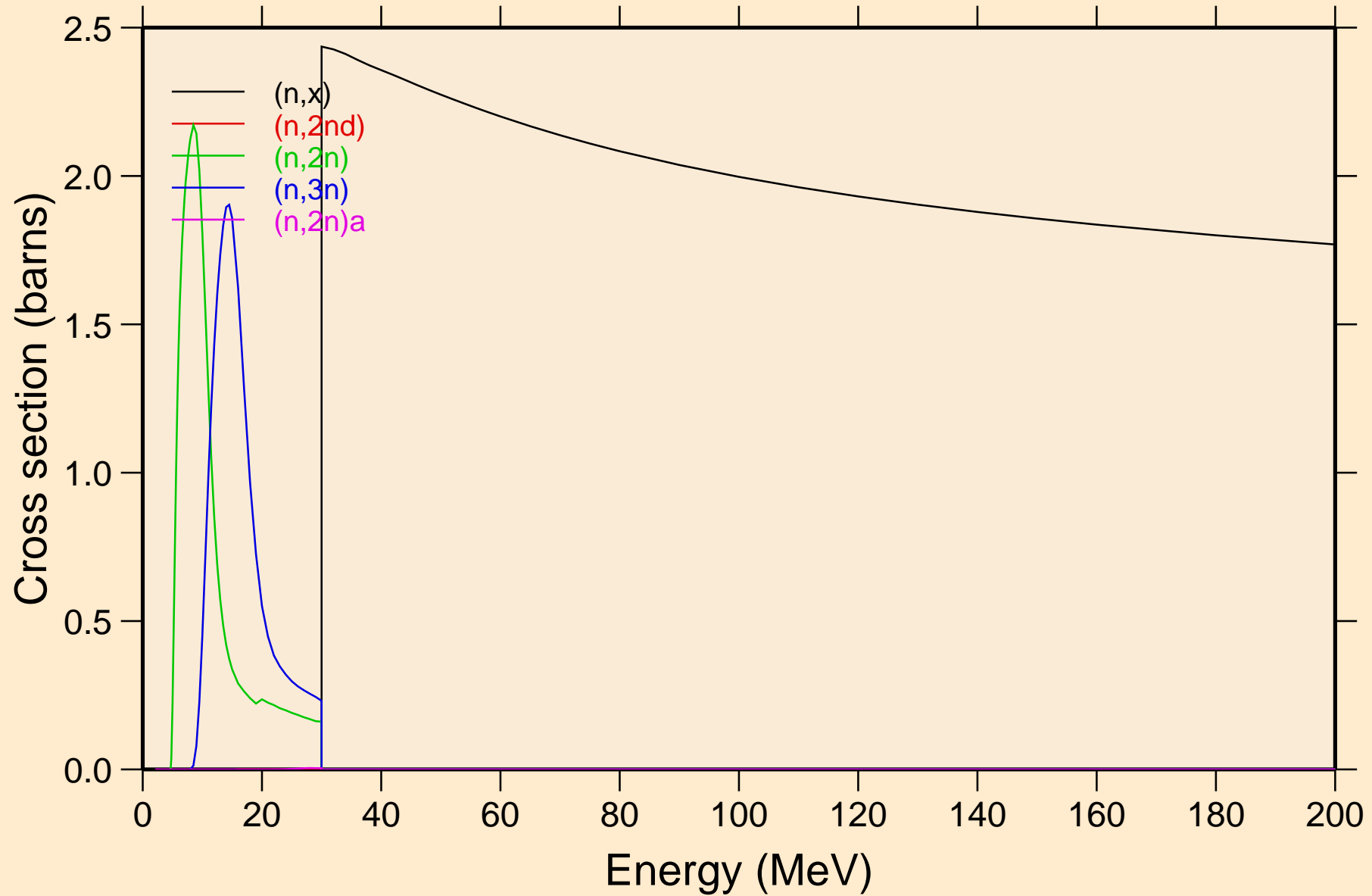
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



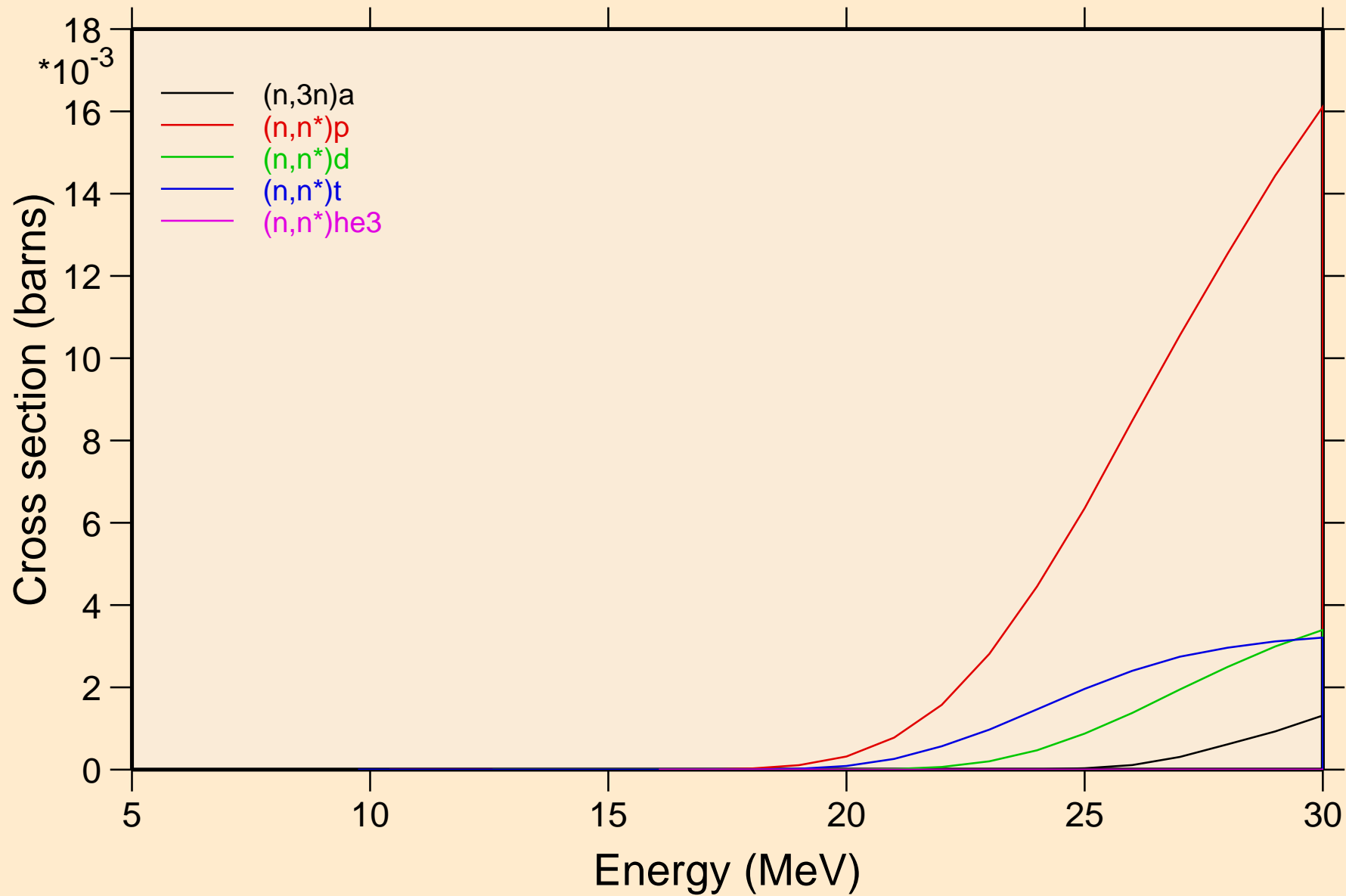
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



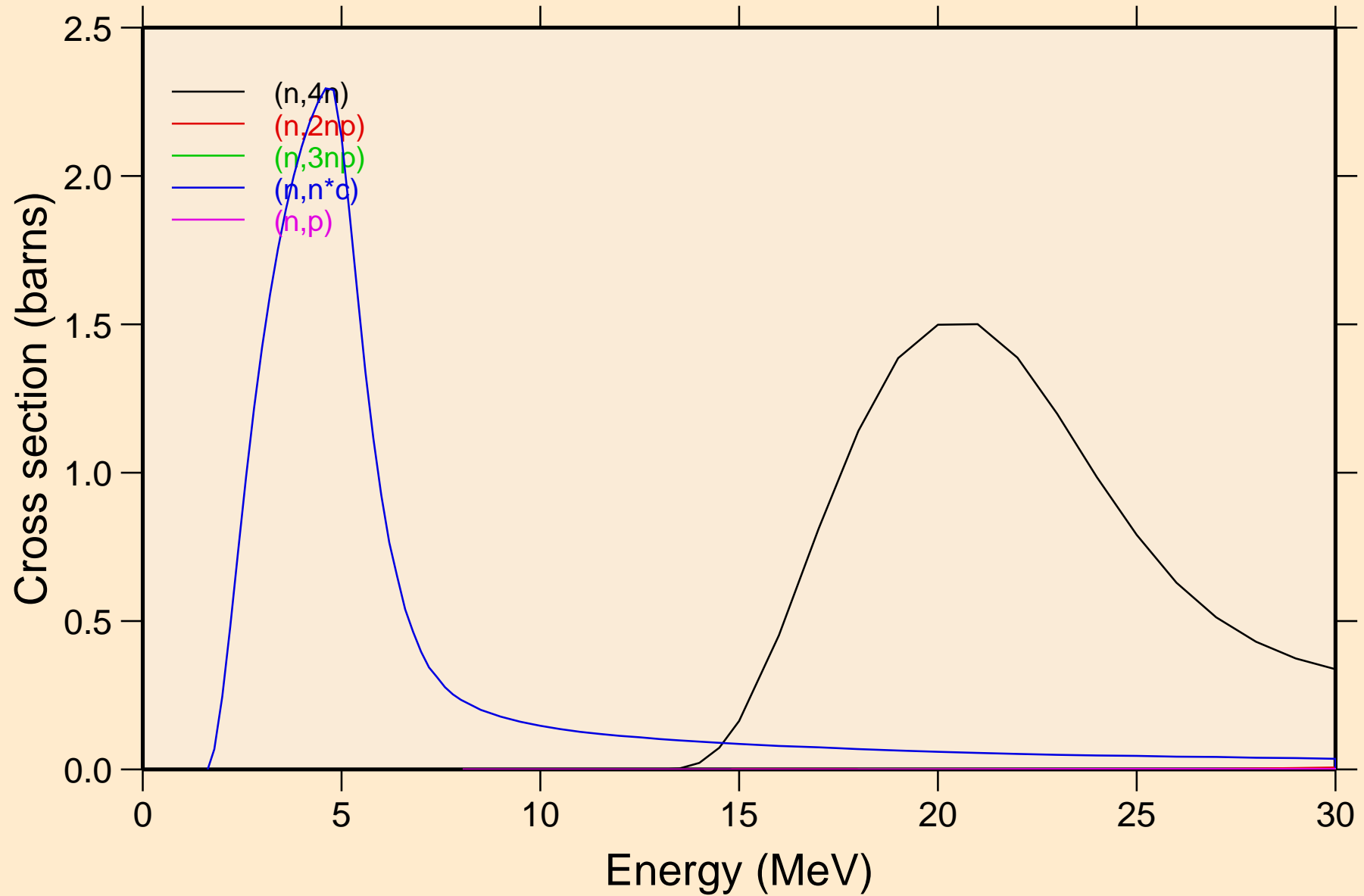
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



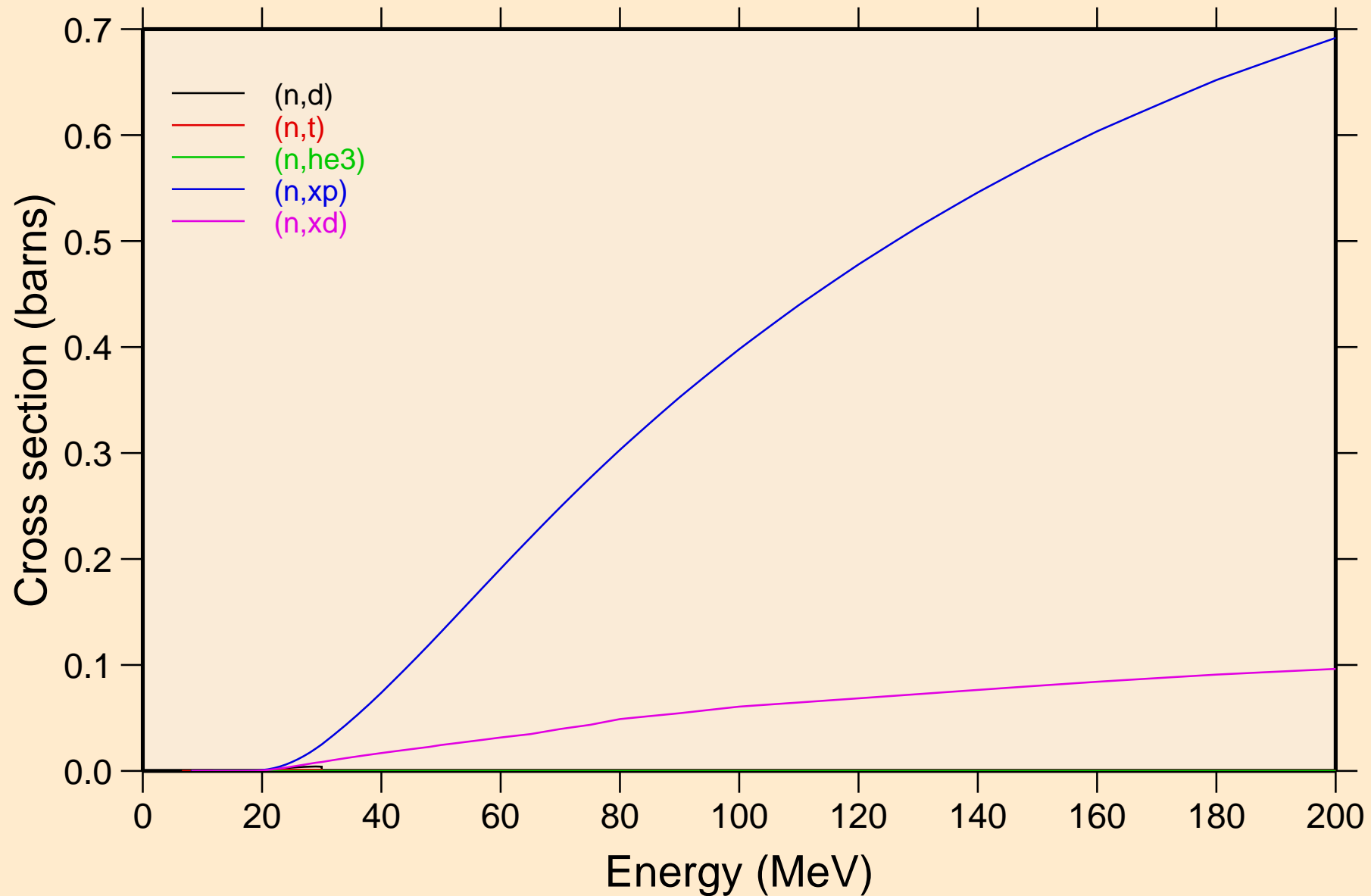
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

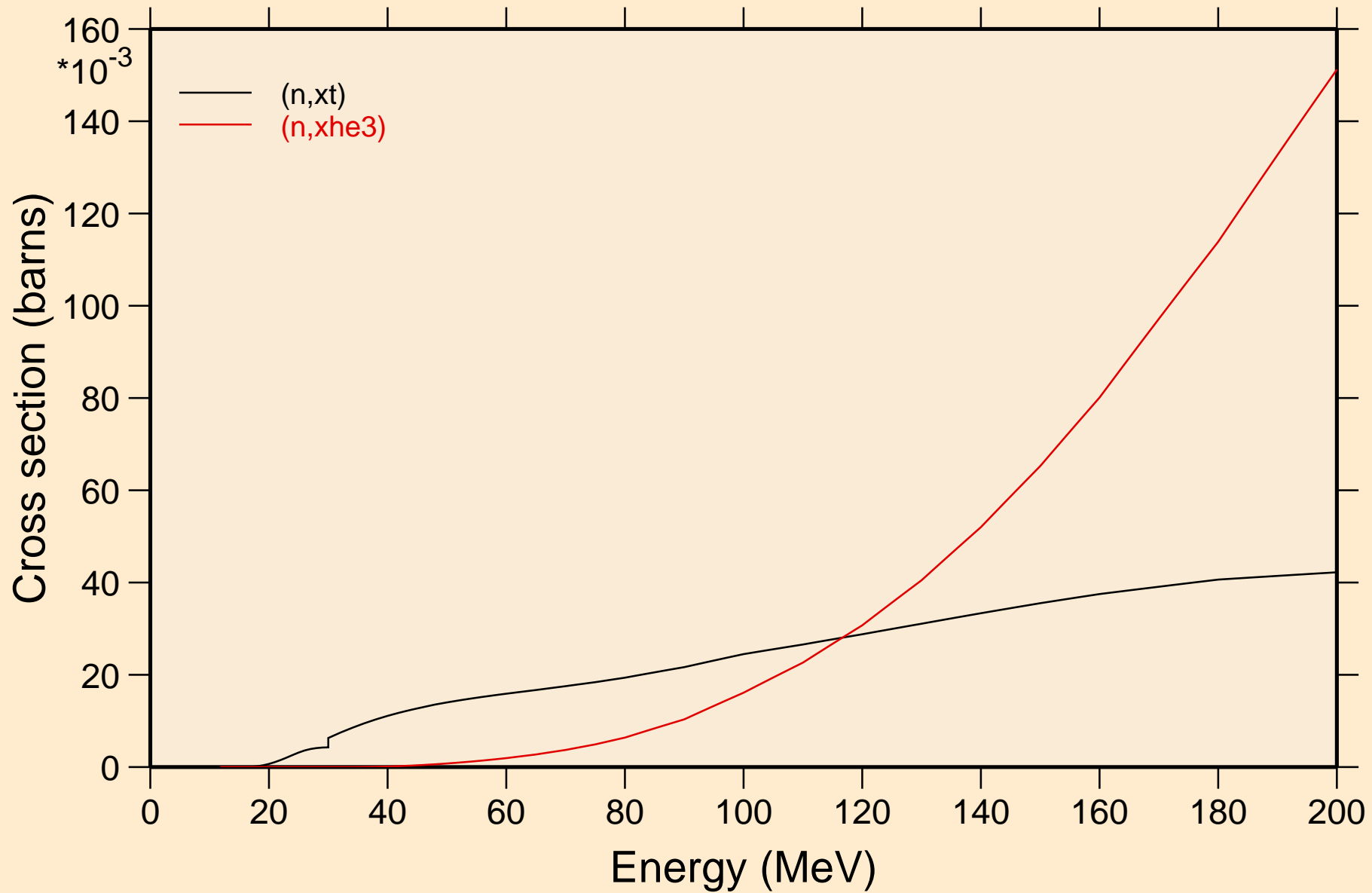
## Threshold reactions



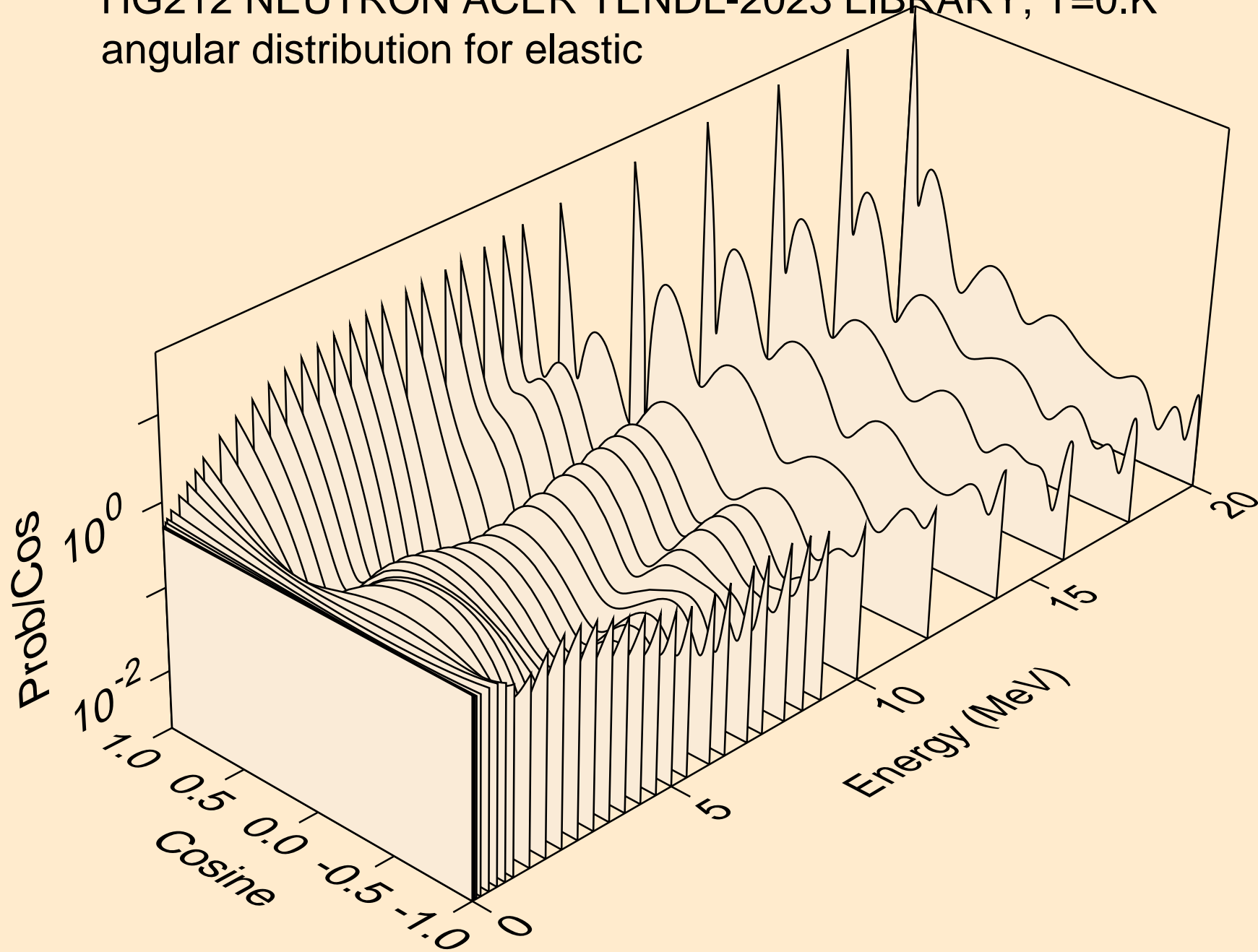


# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

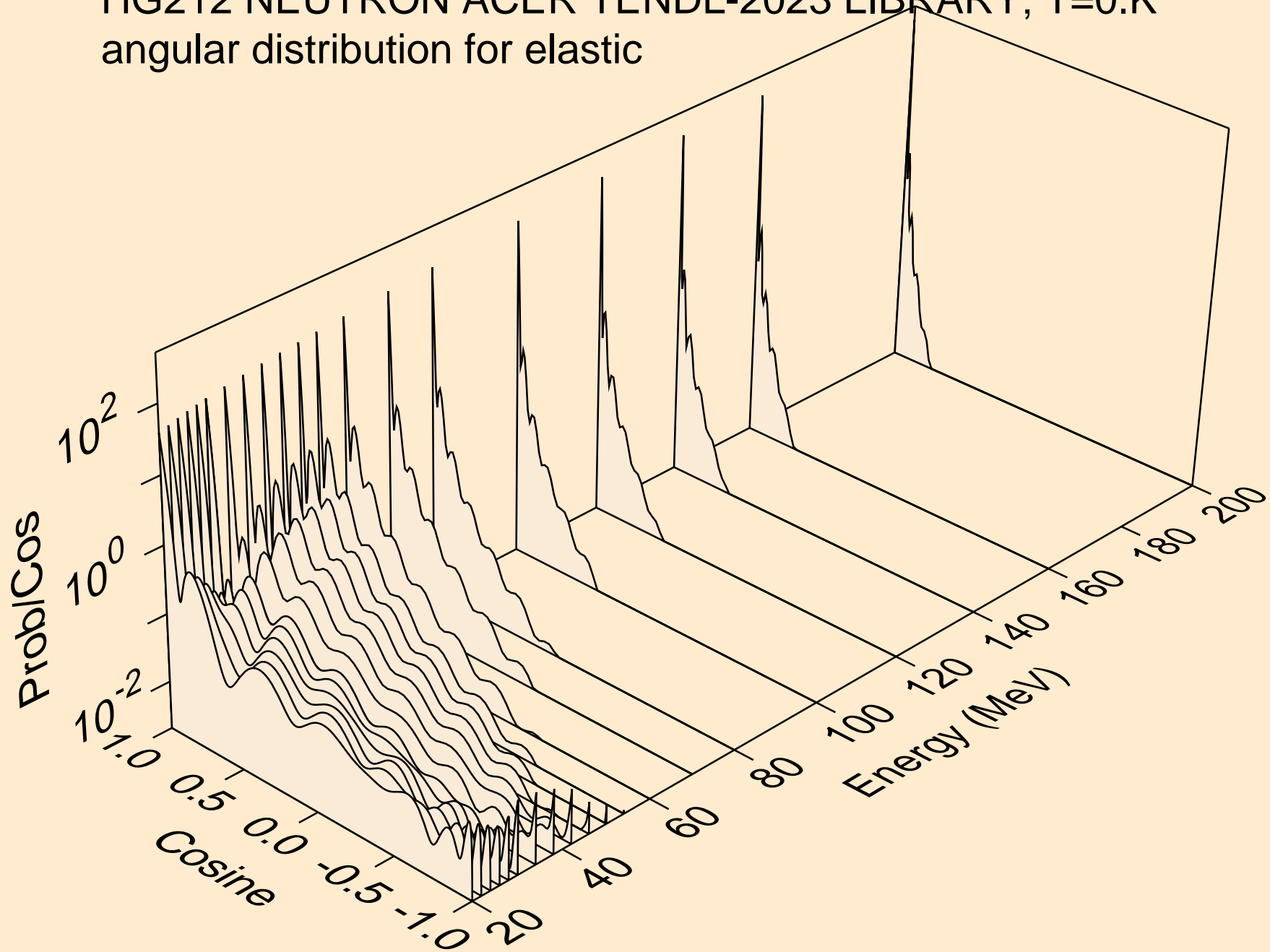
## Threshold reactions



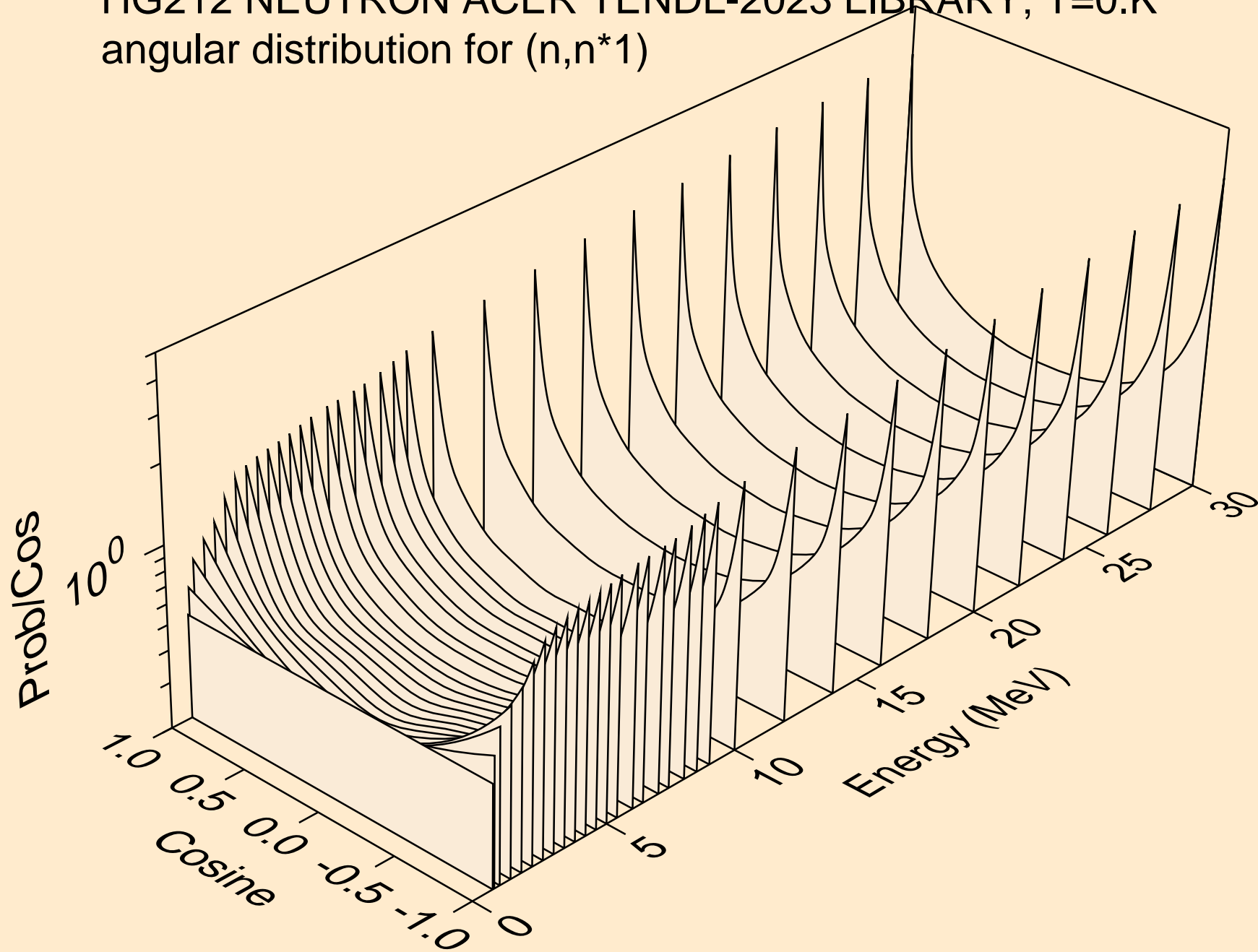
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



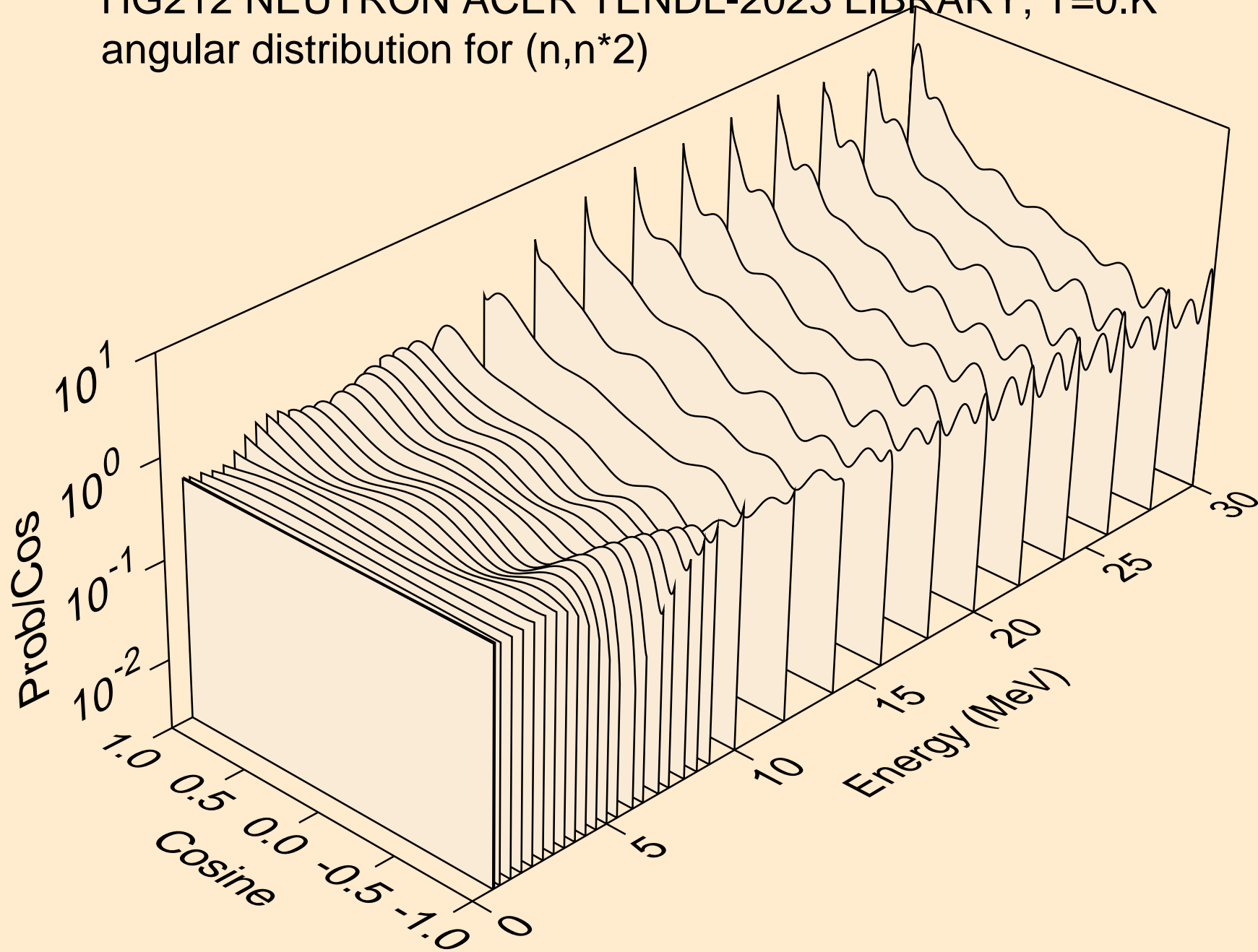
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



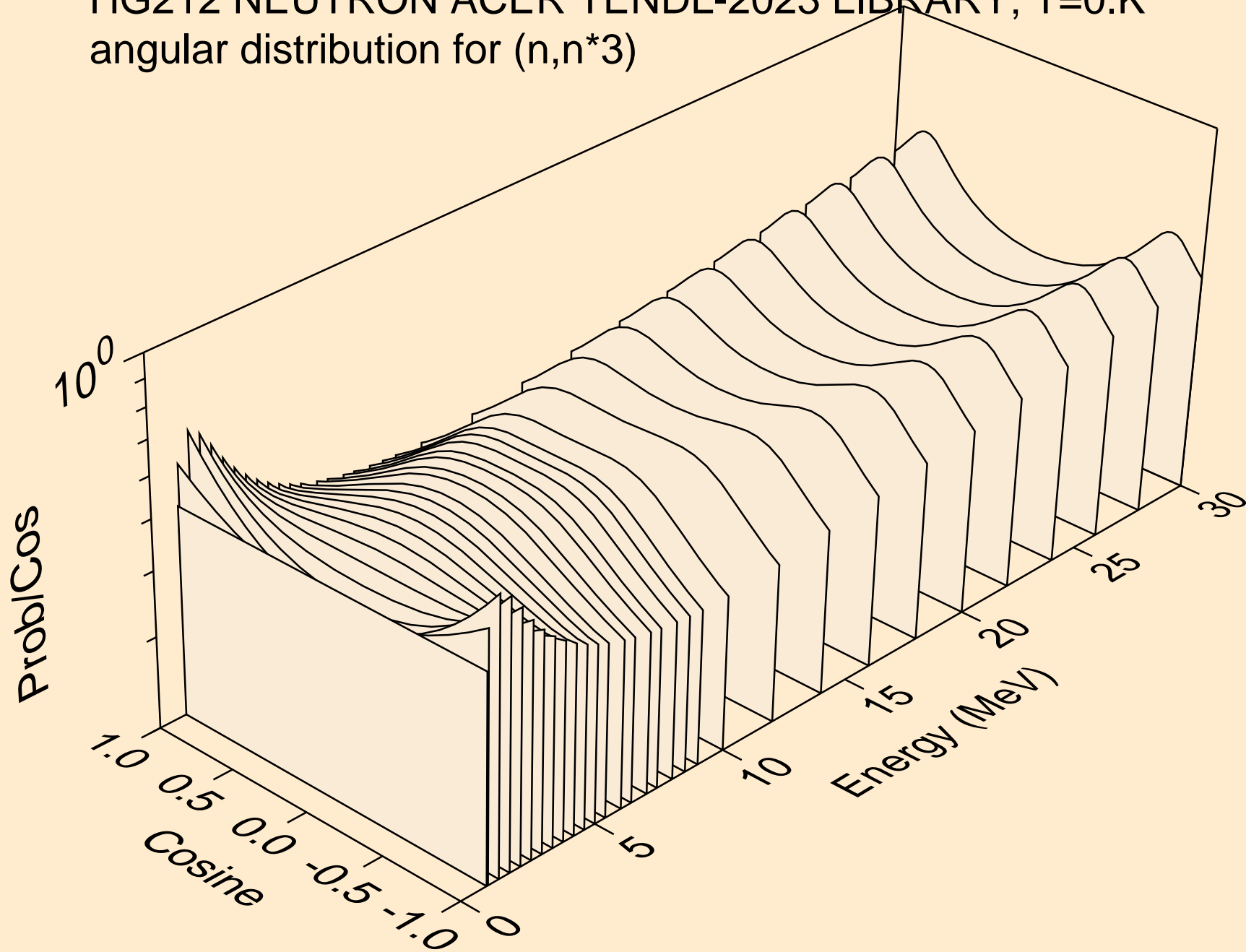
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



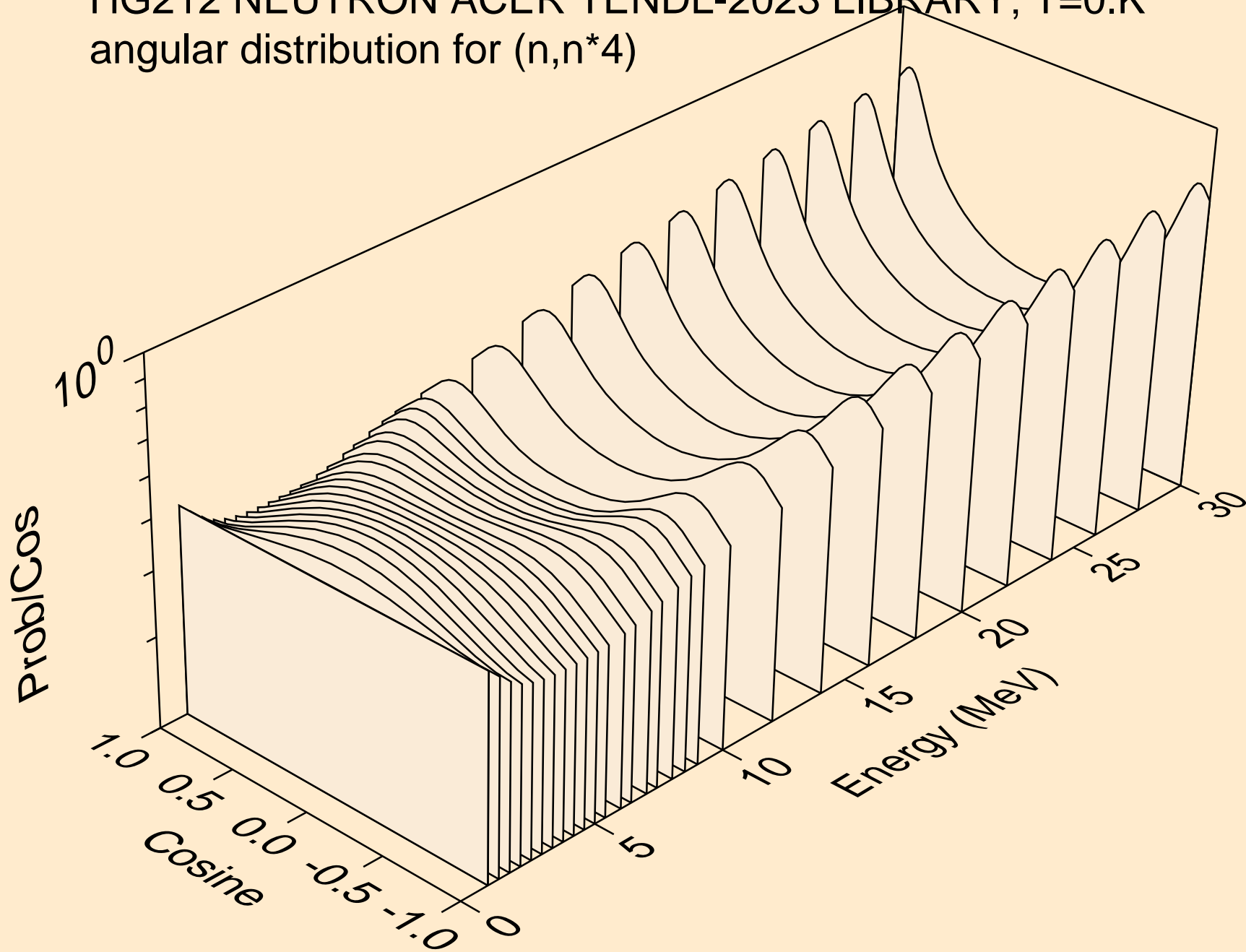
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



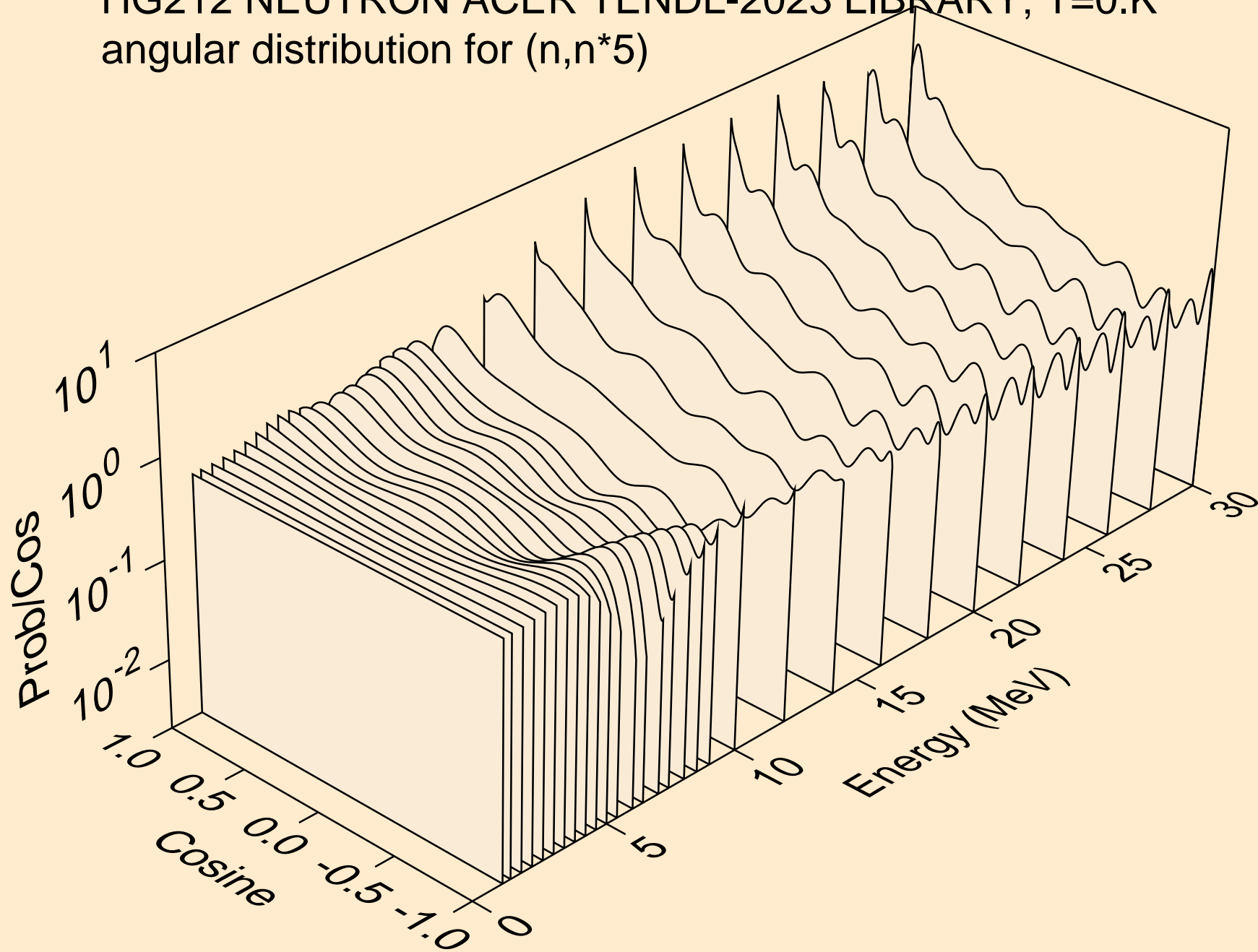
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

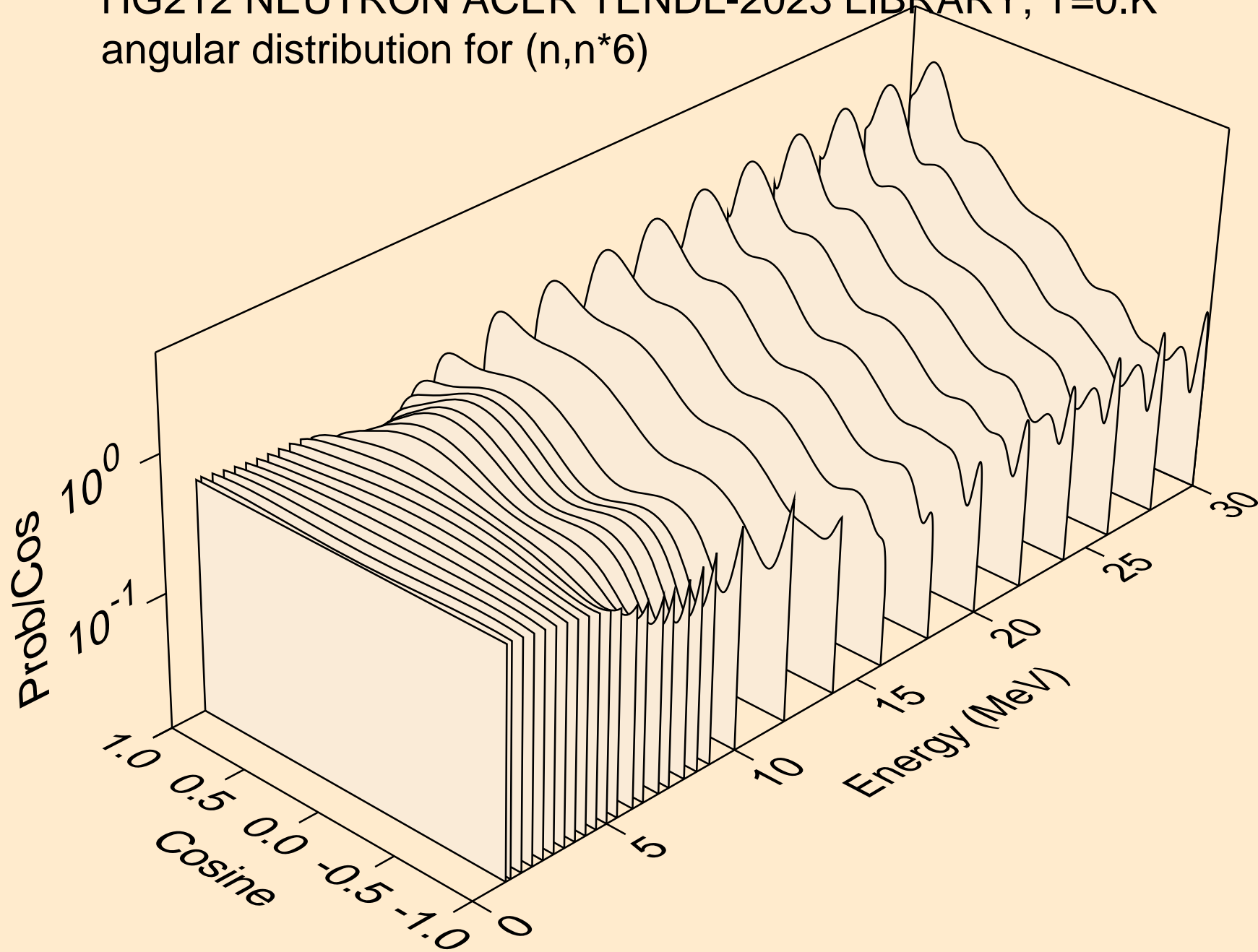


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

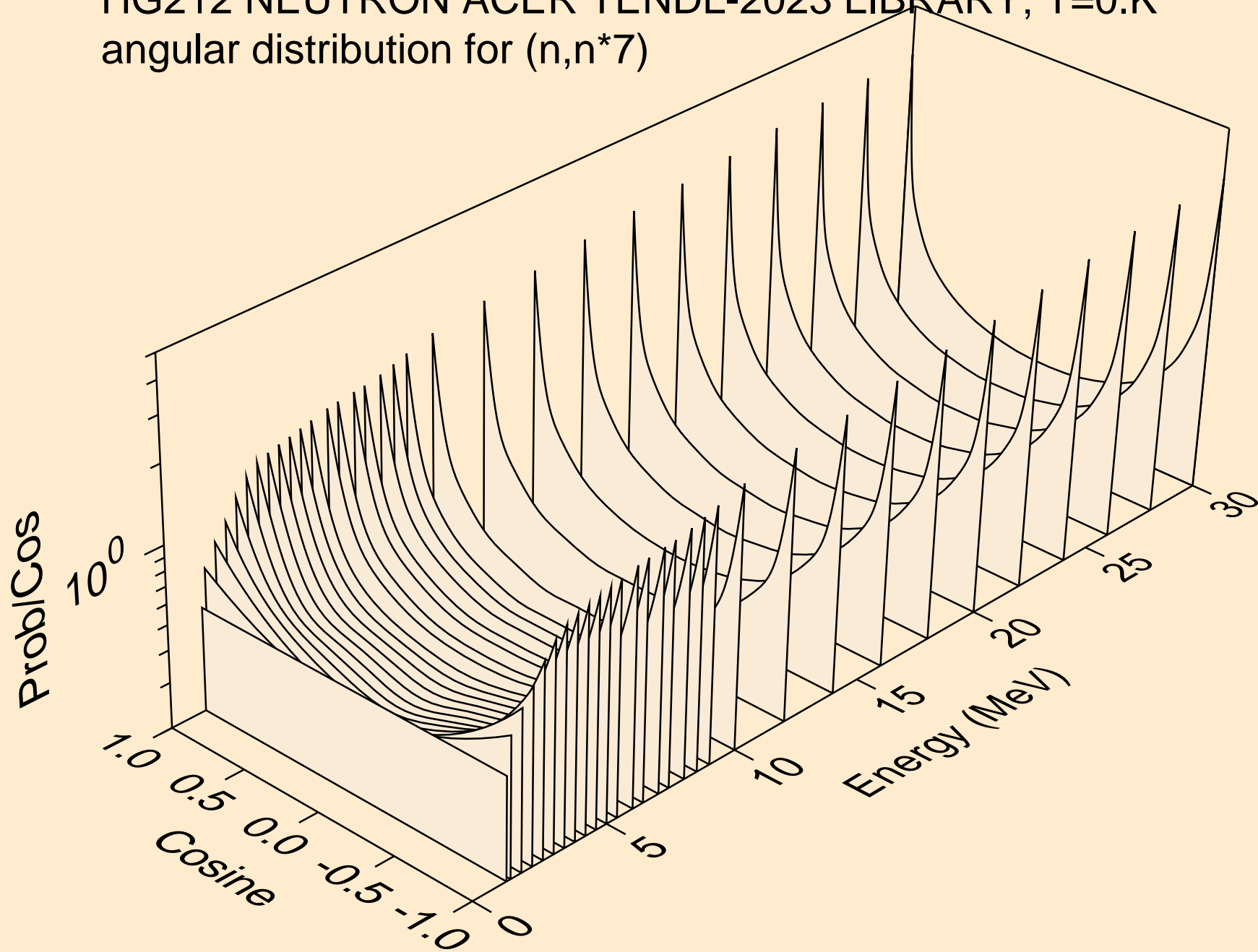




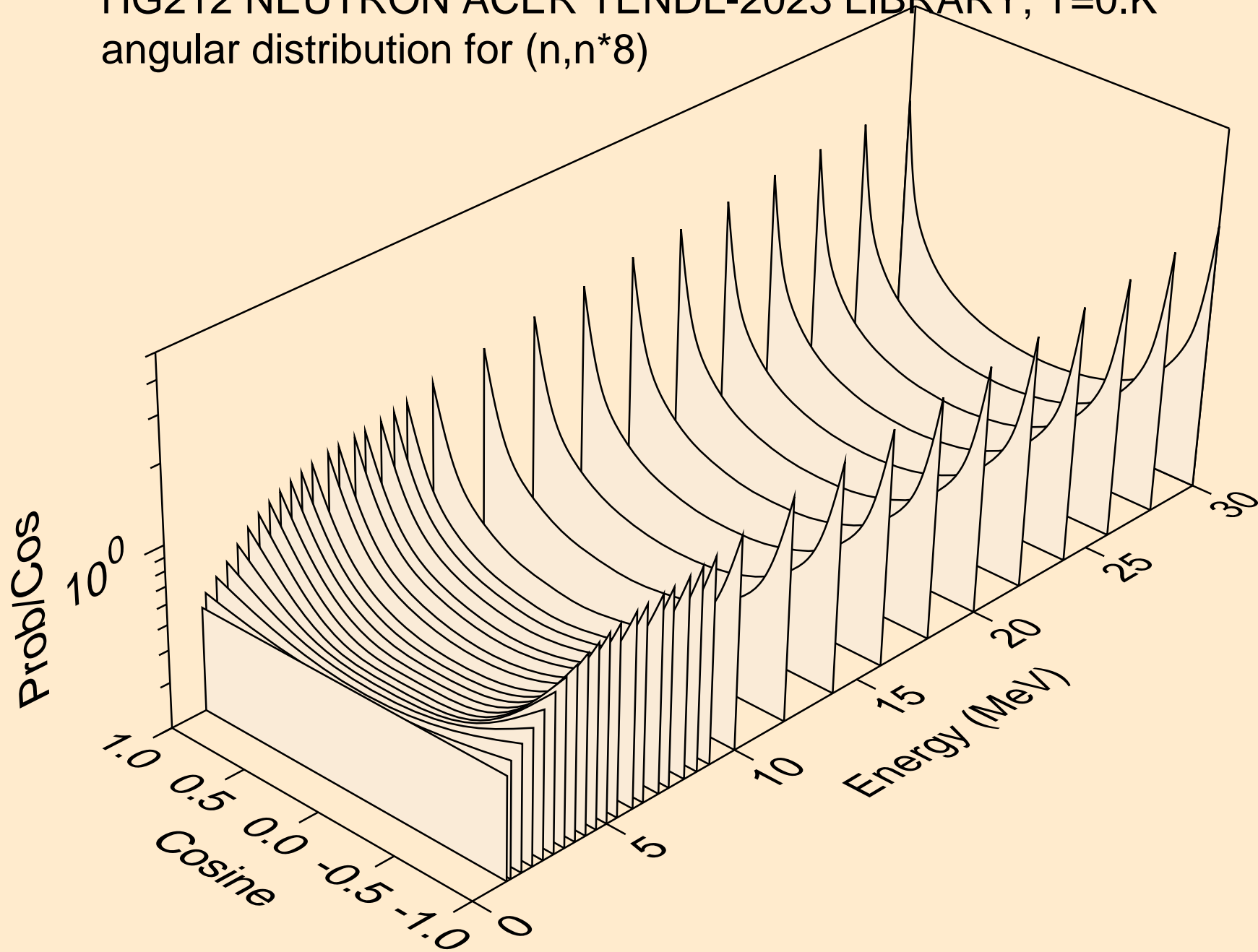
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



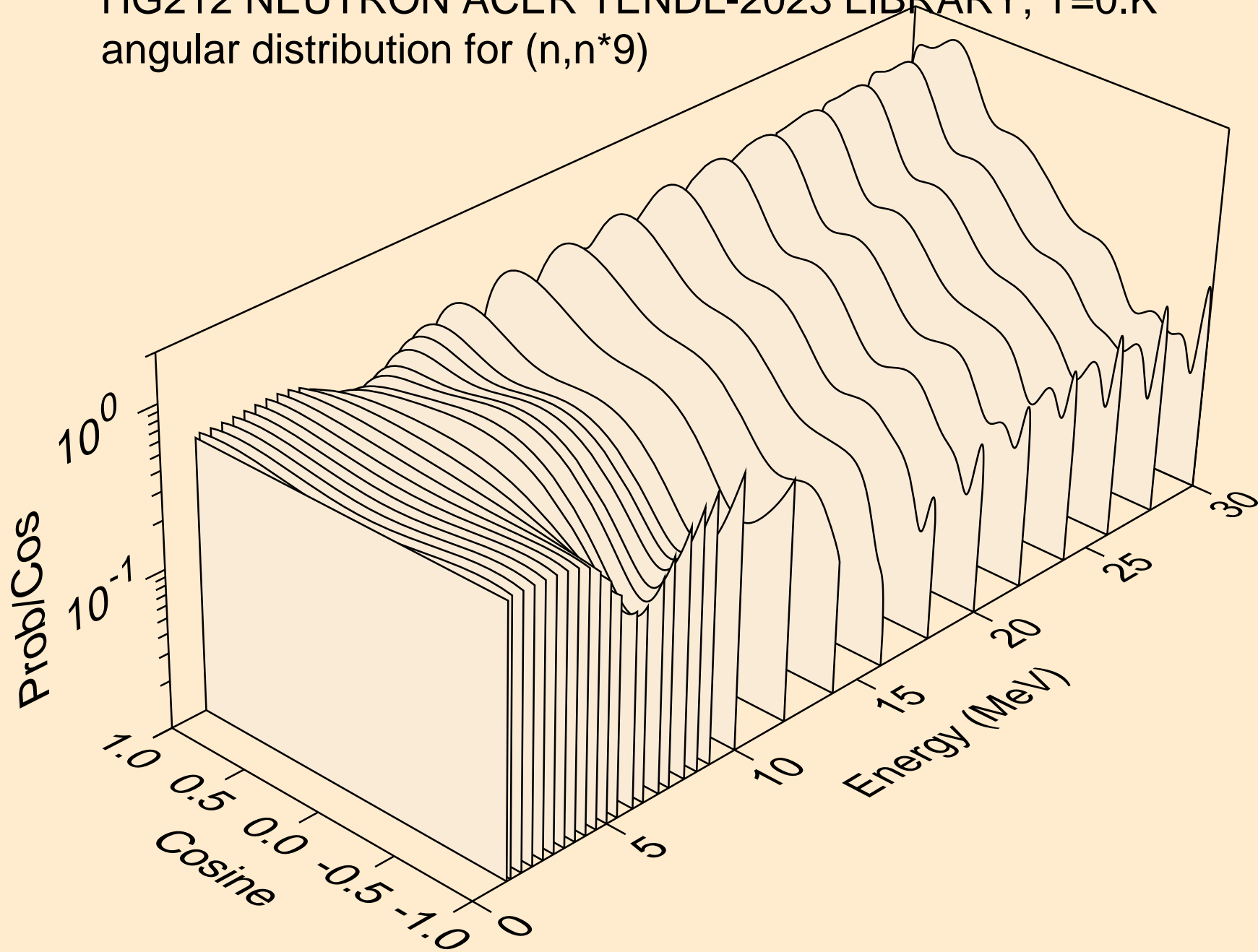
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



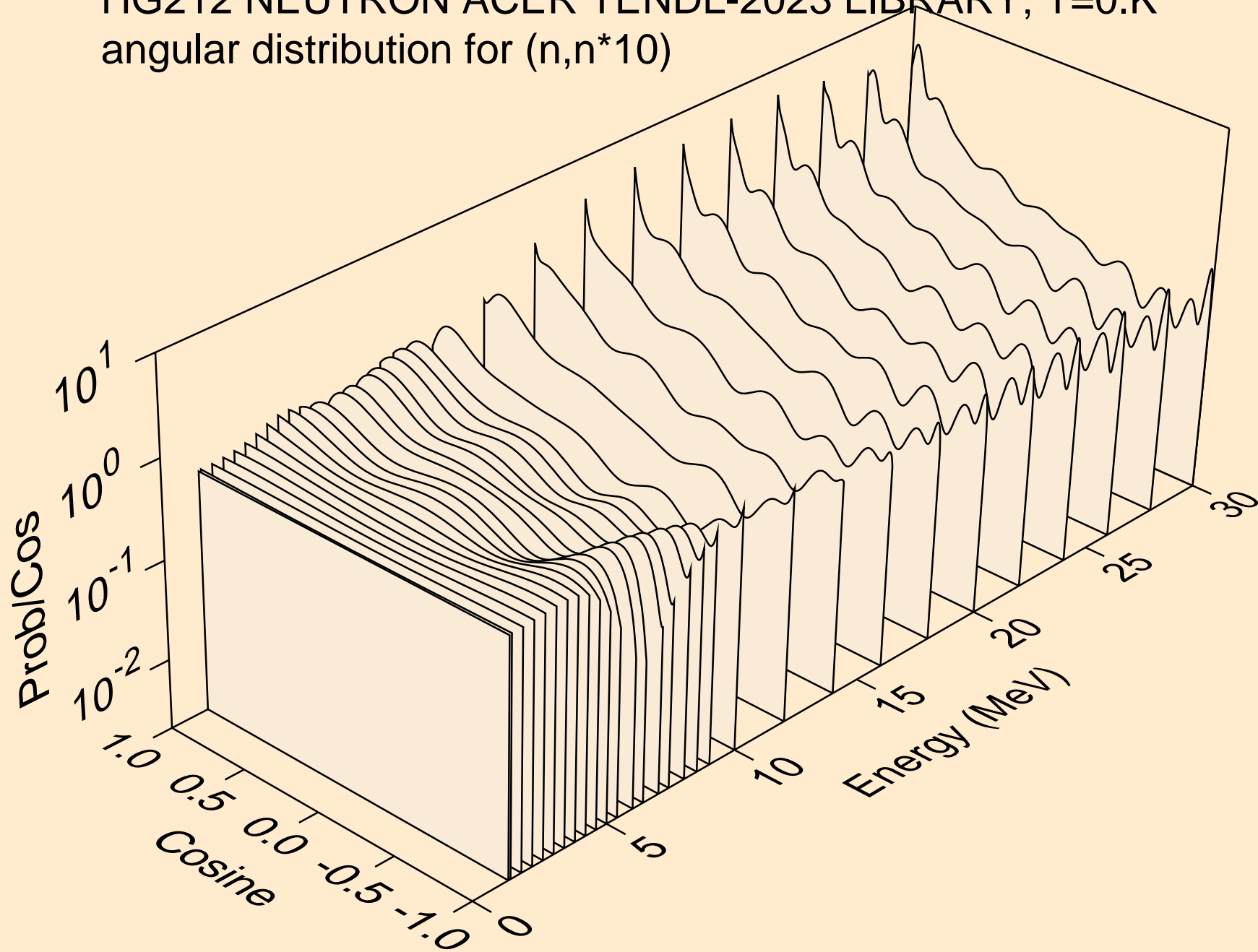
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



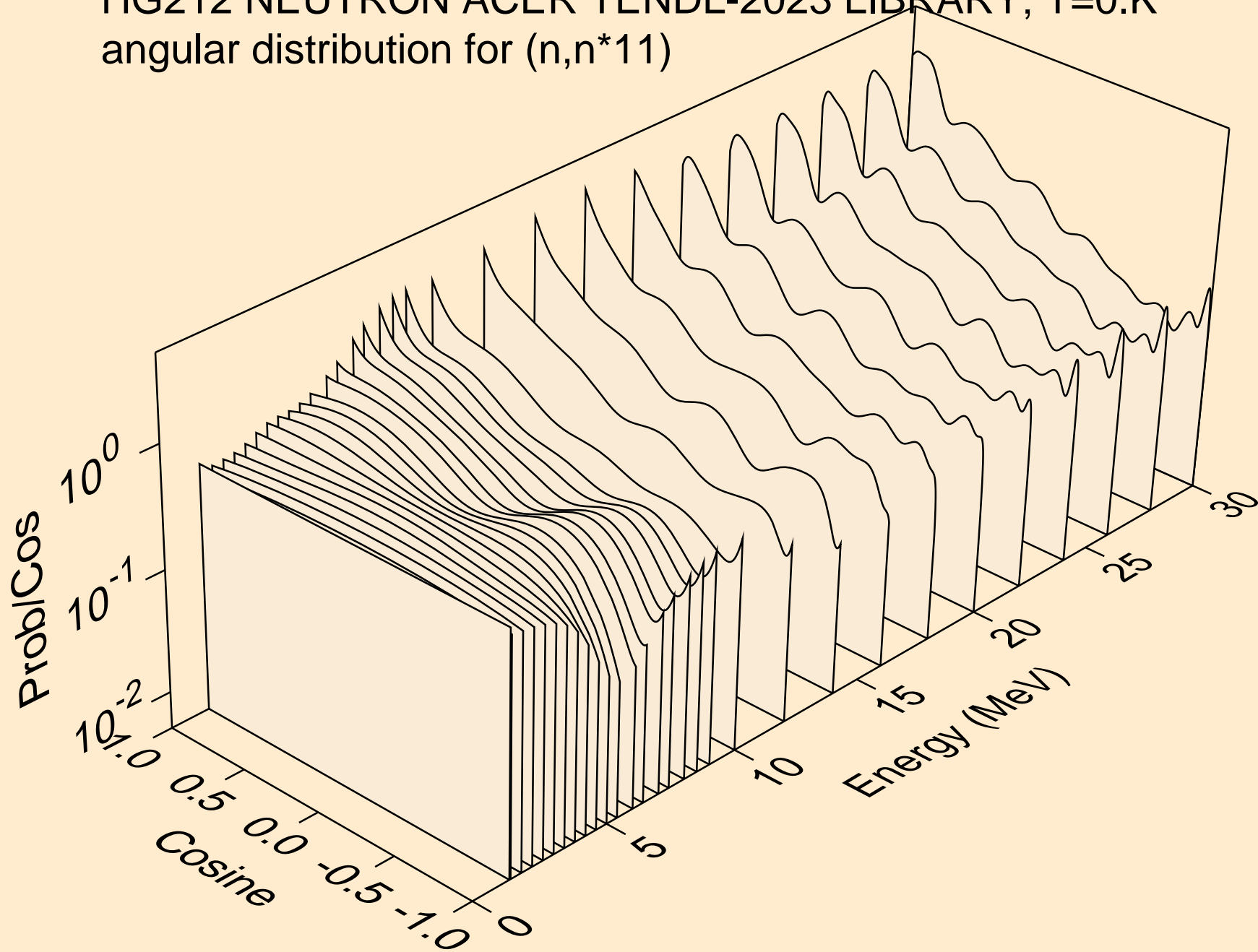
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



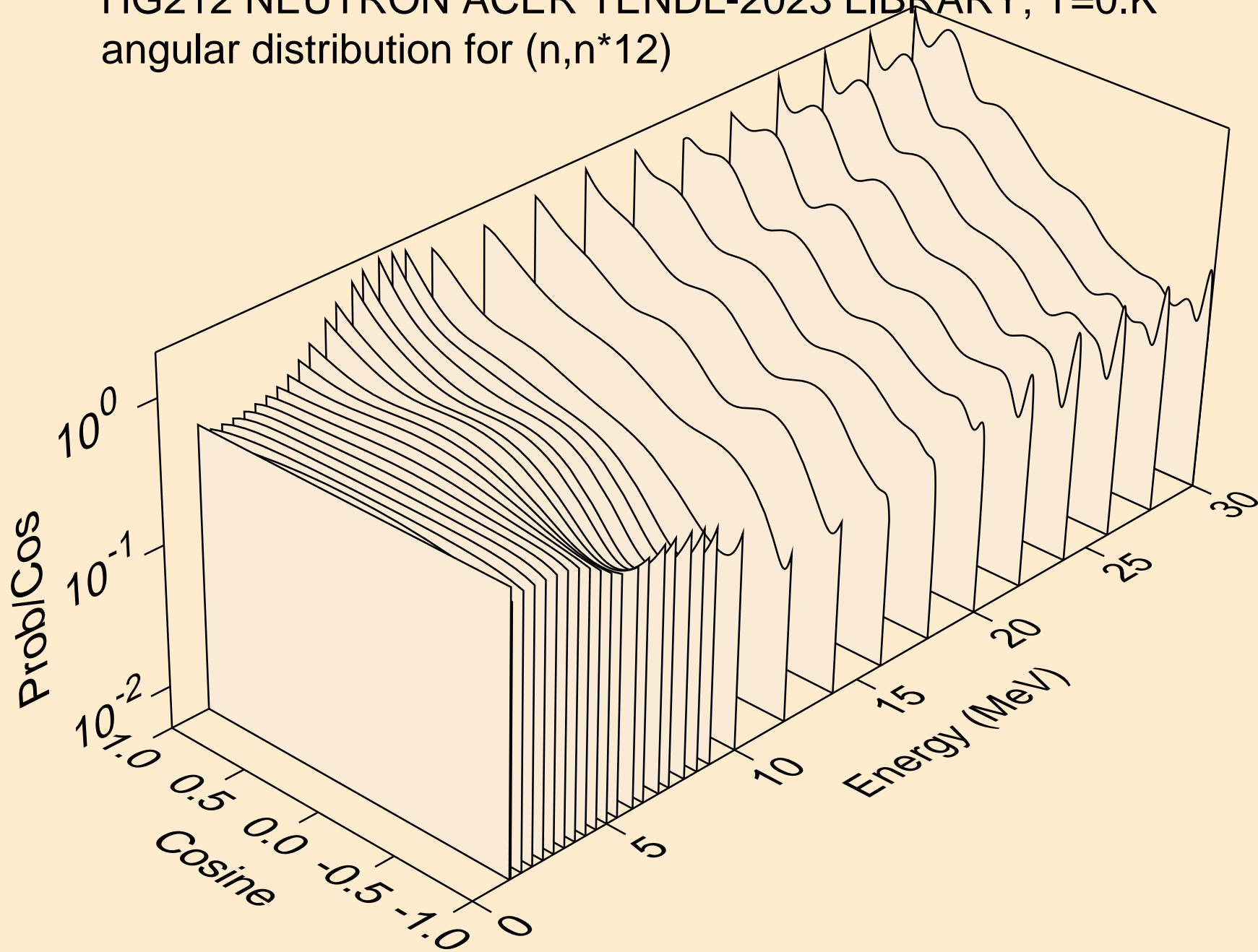
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



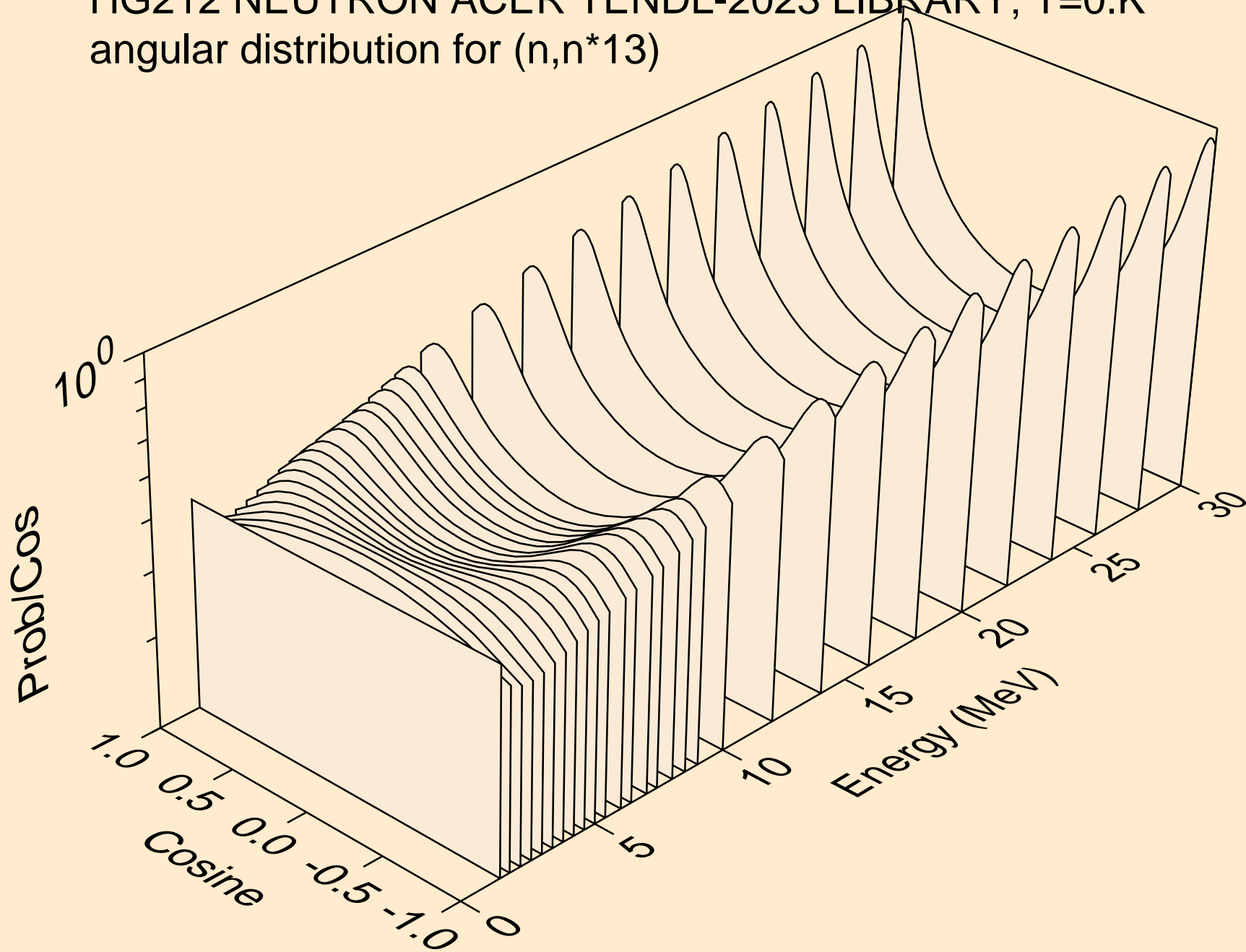
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

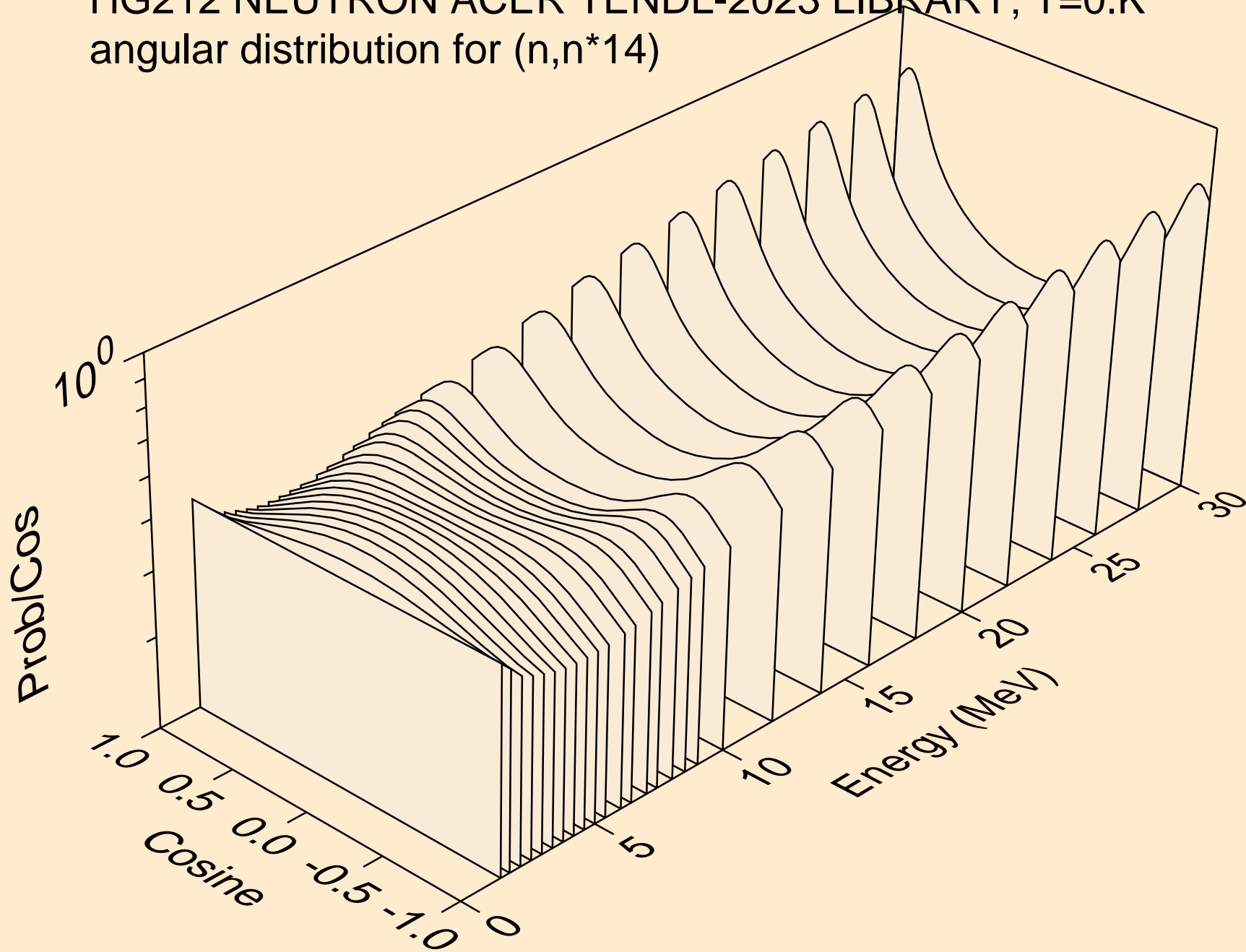


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

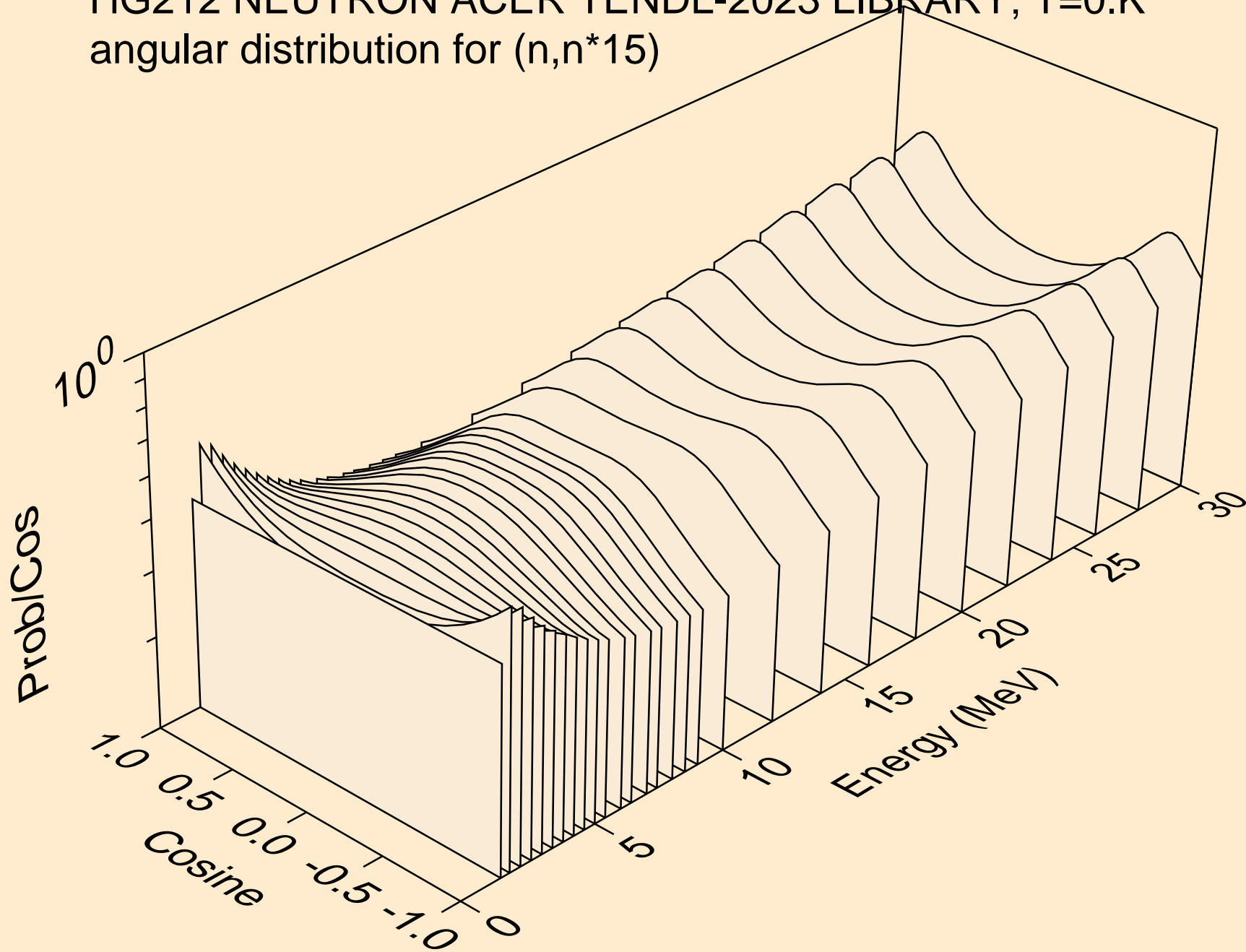




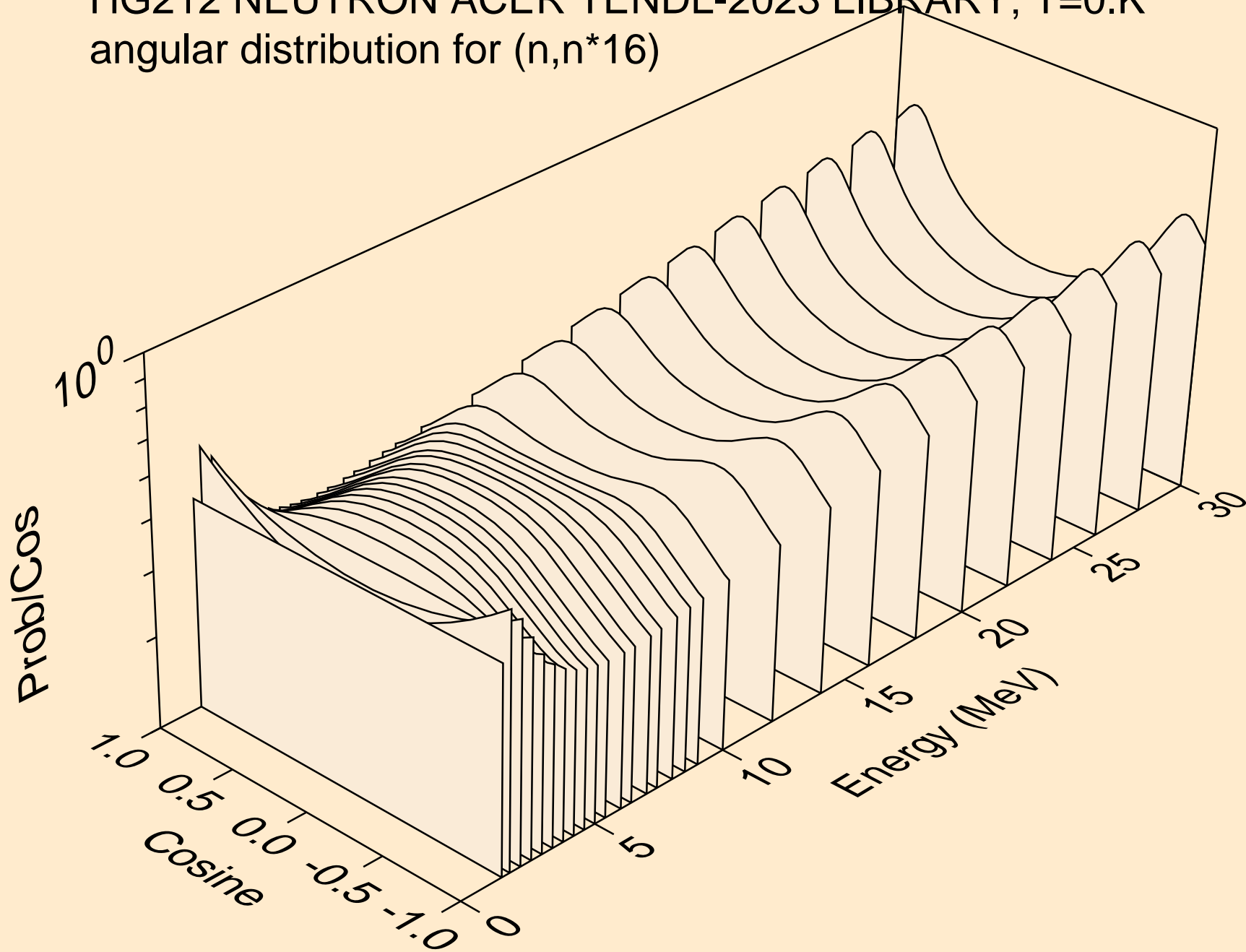
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



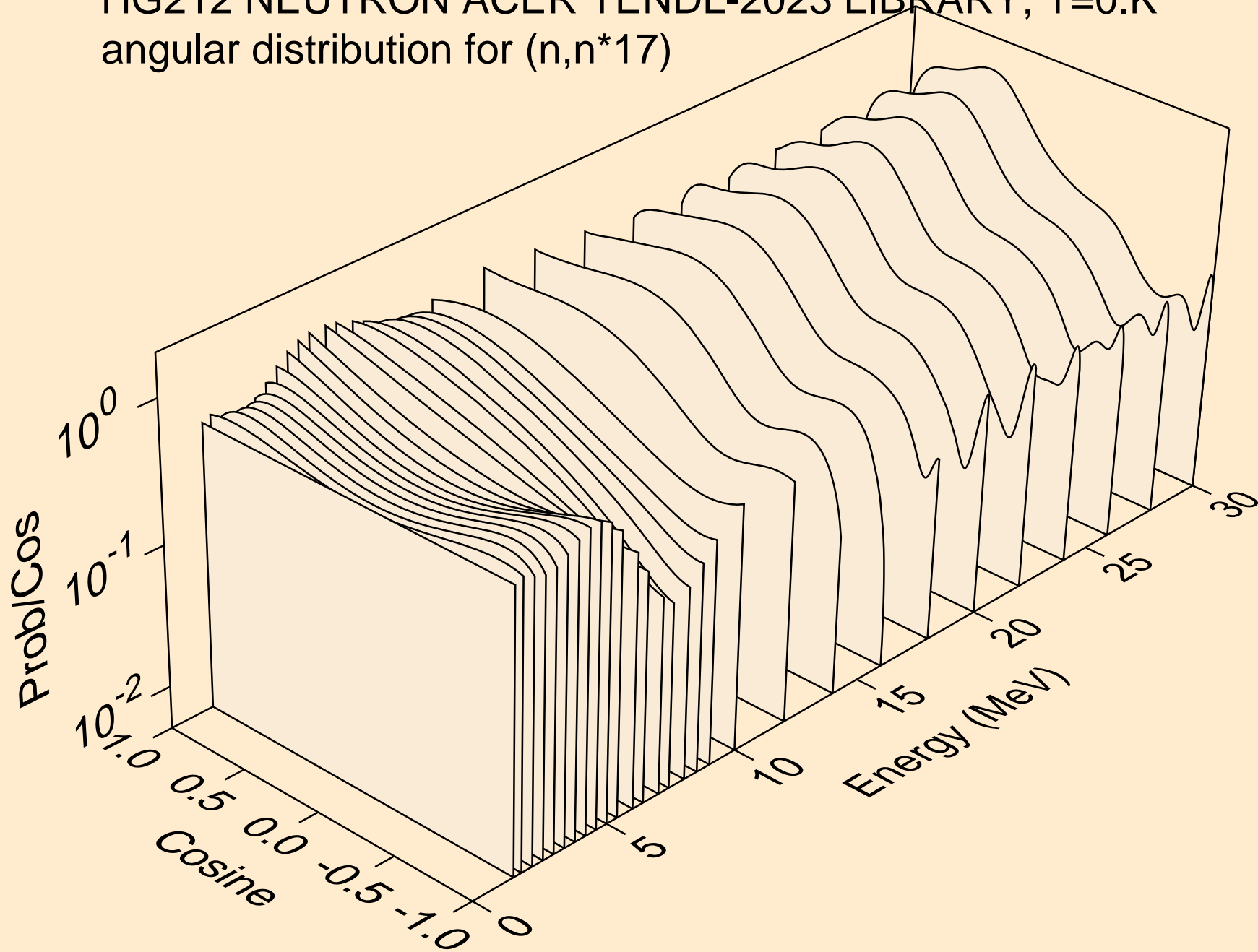
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



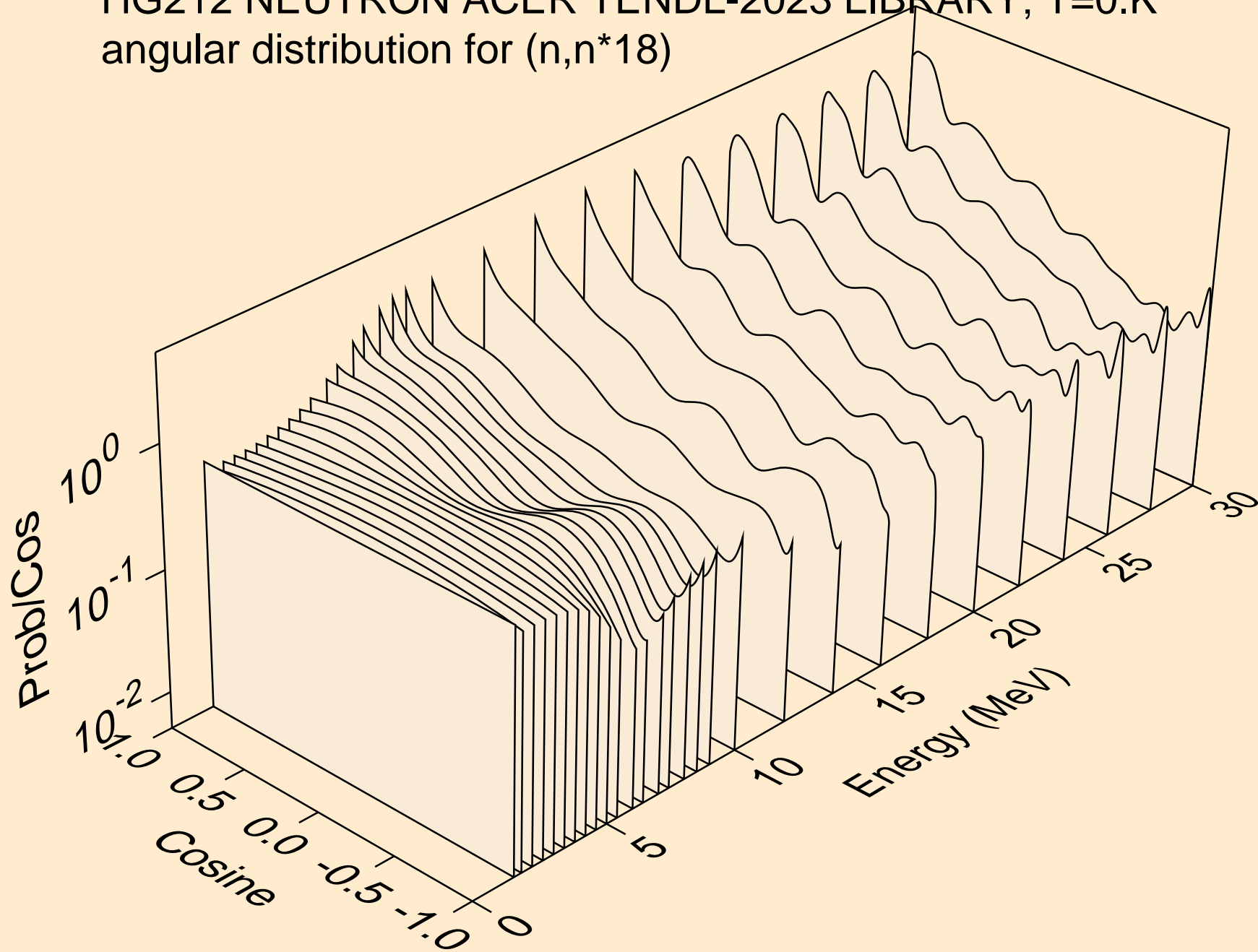
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



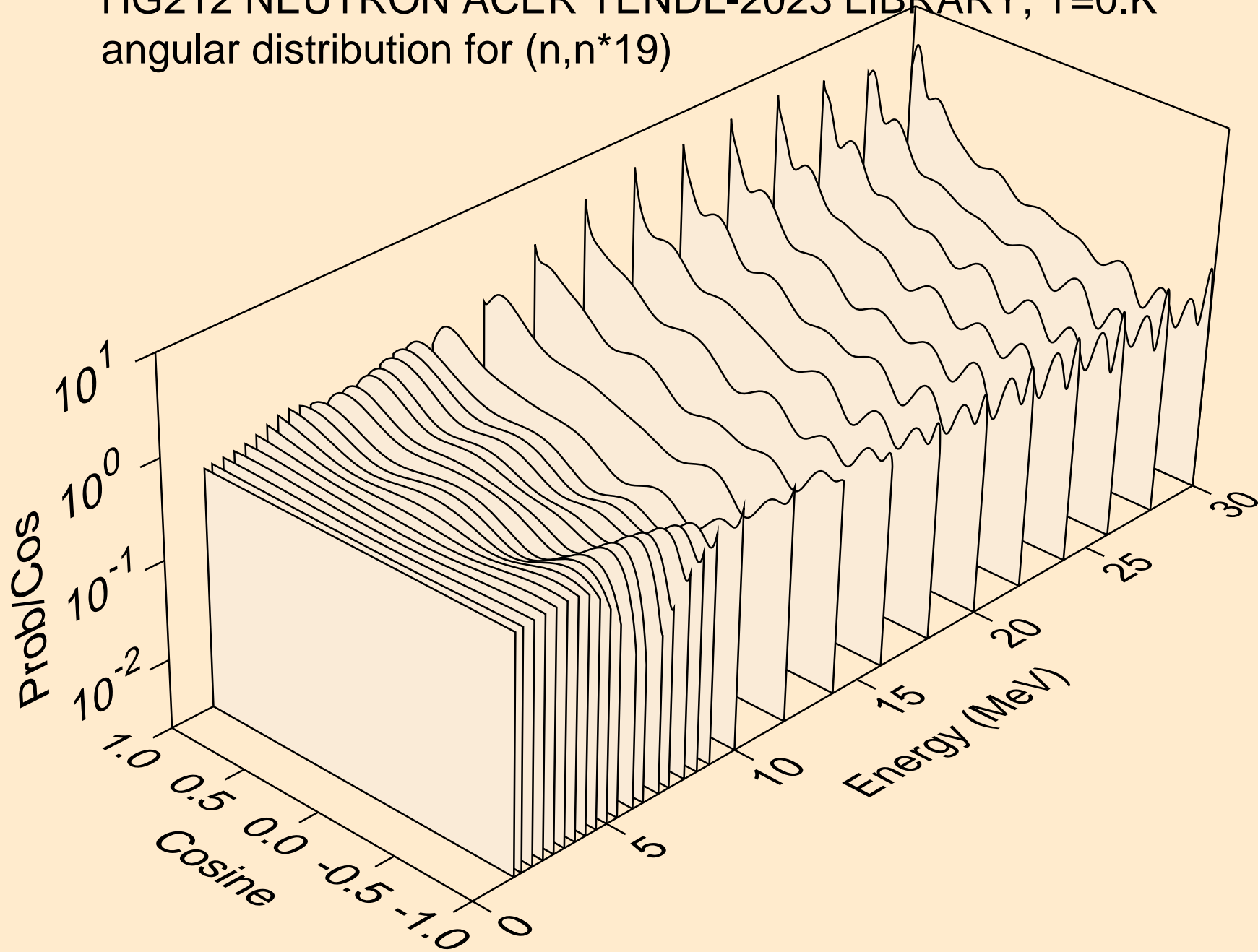
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



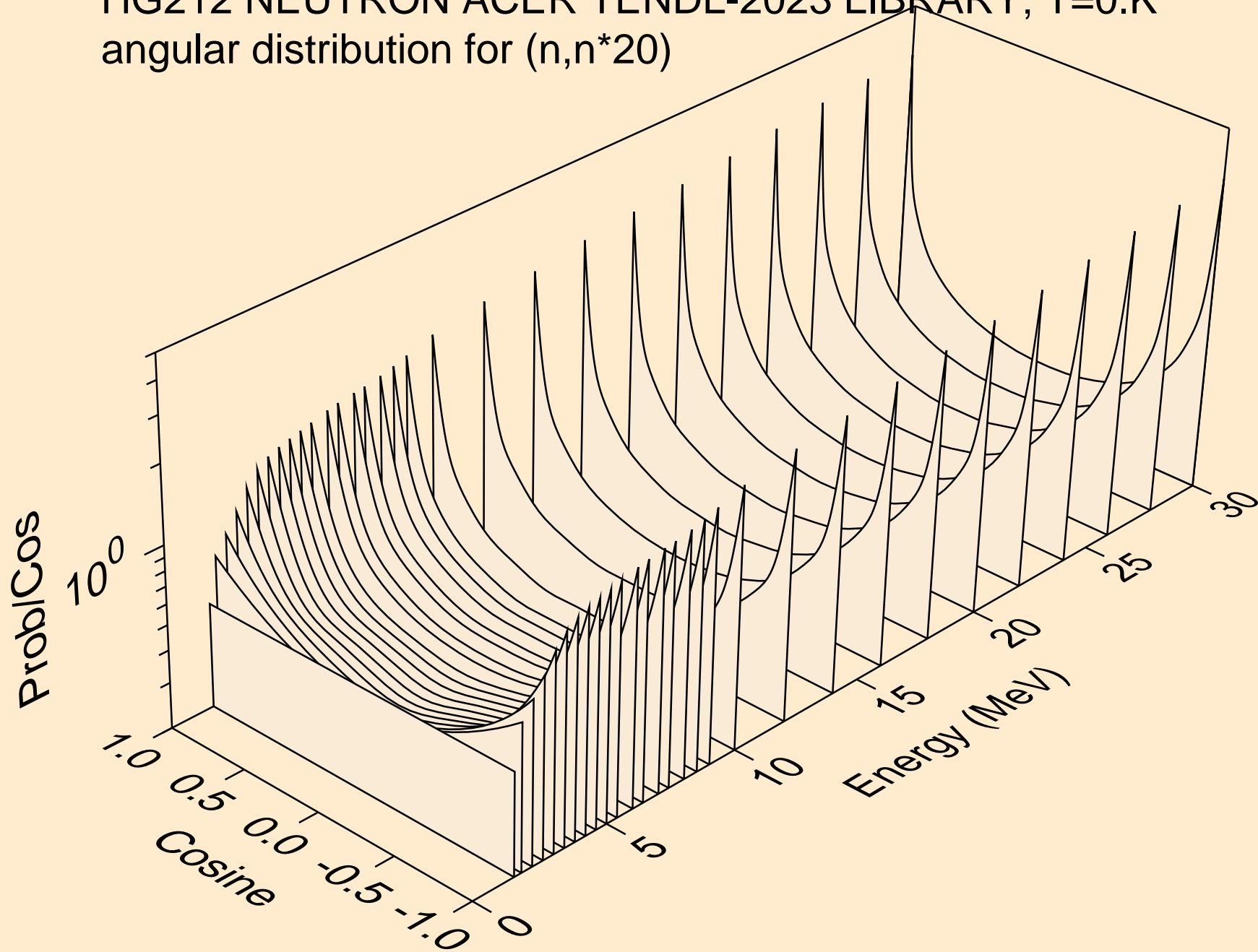
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



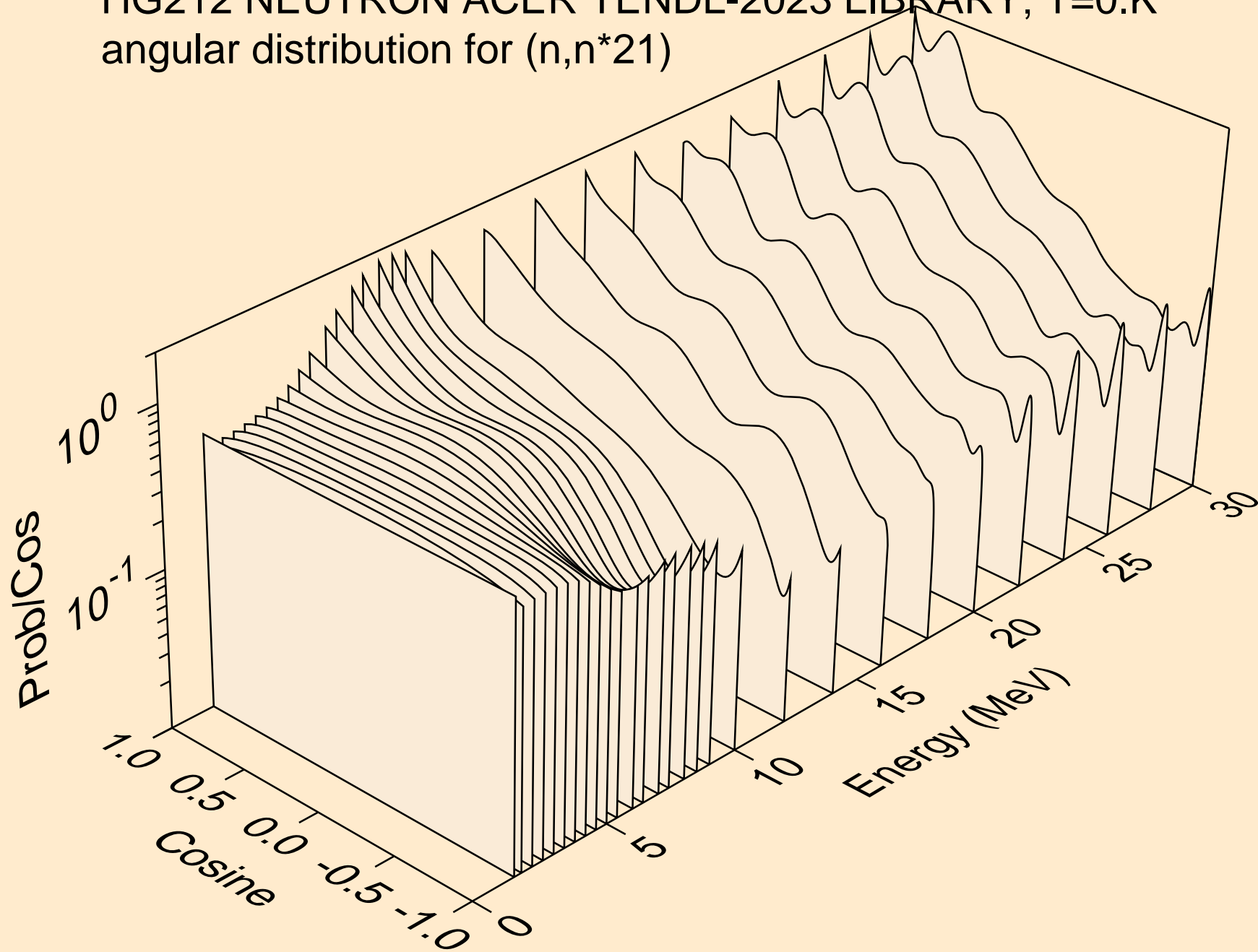
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

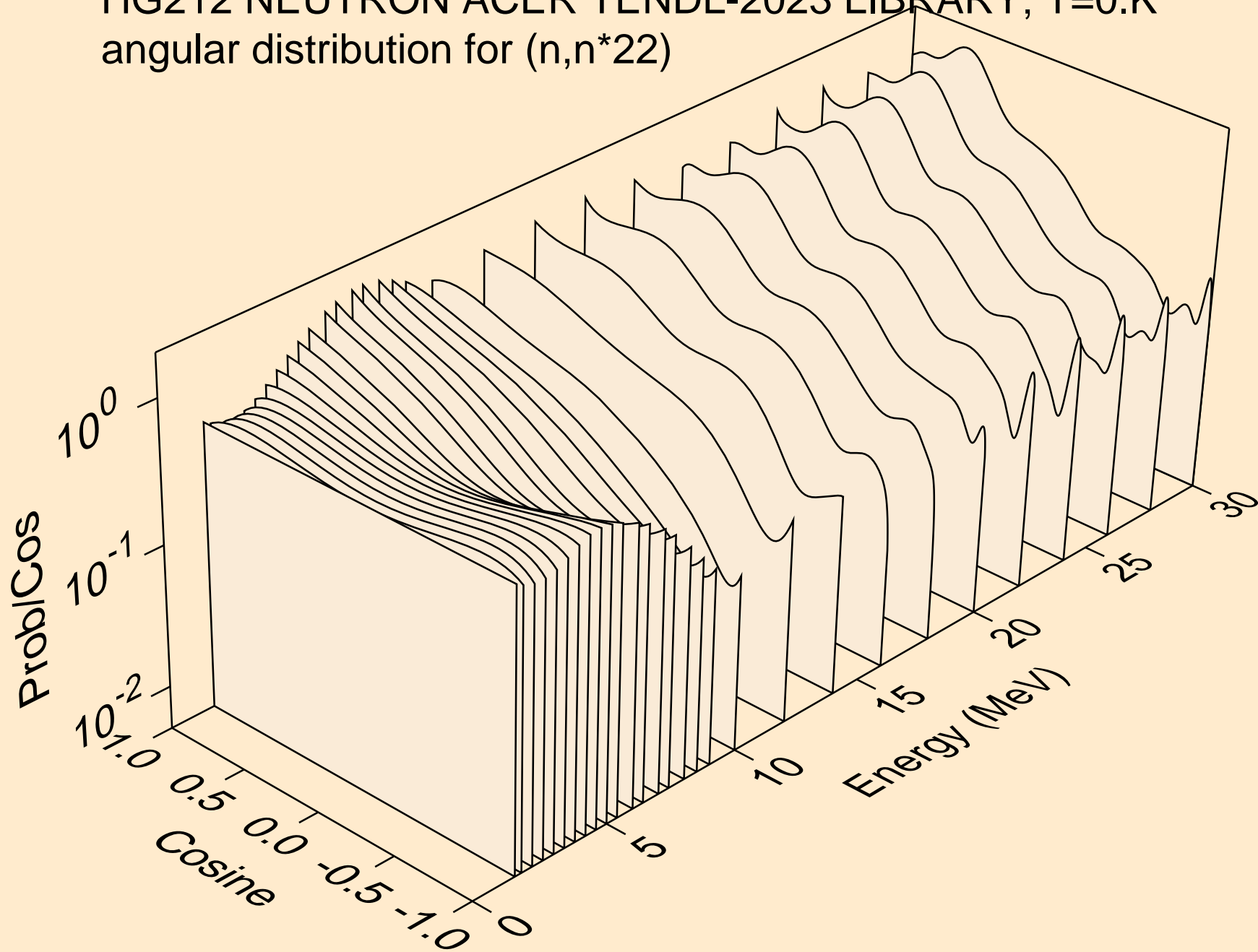


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

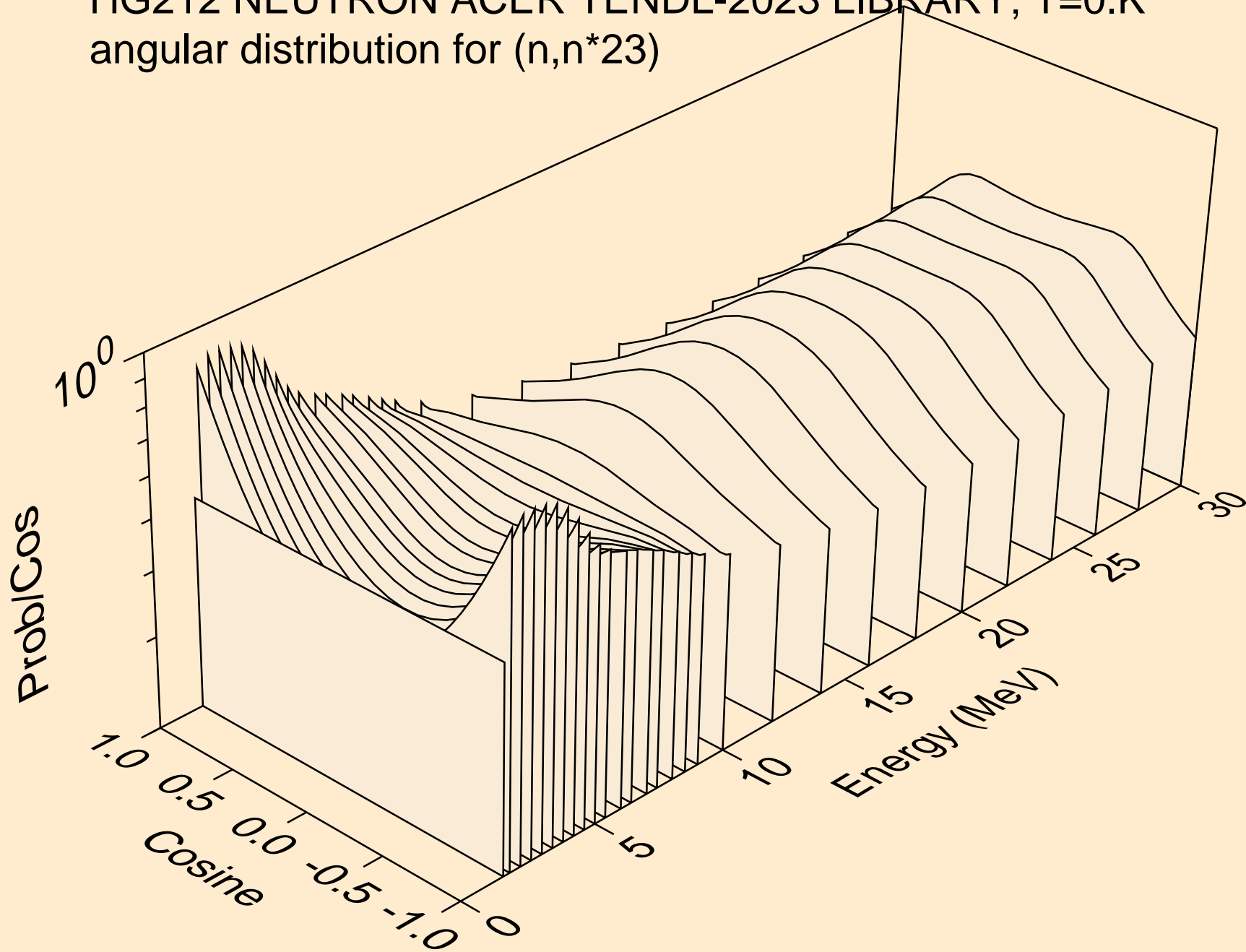




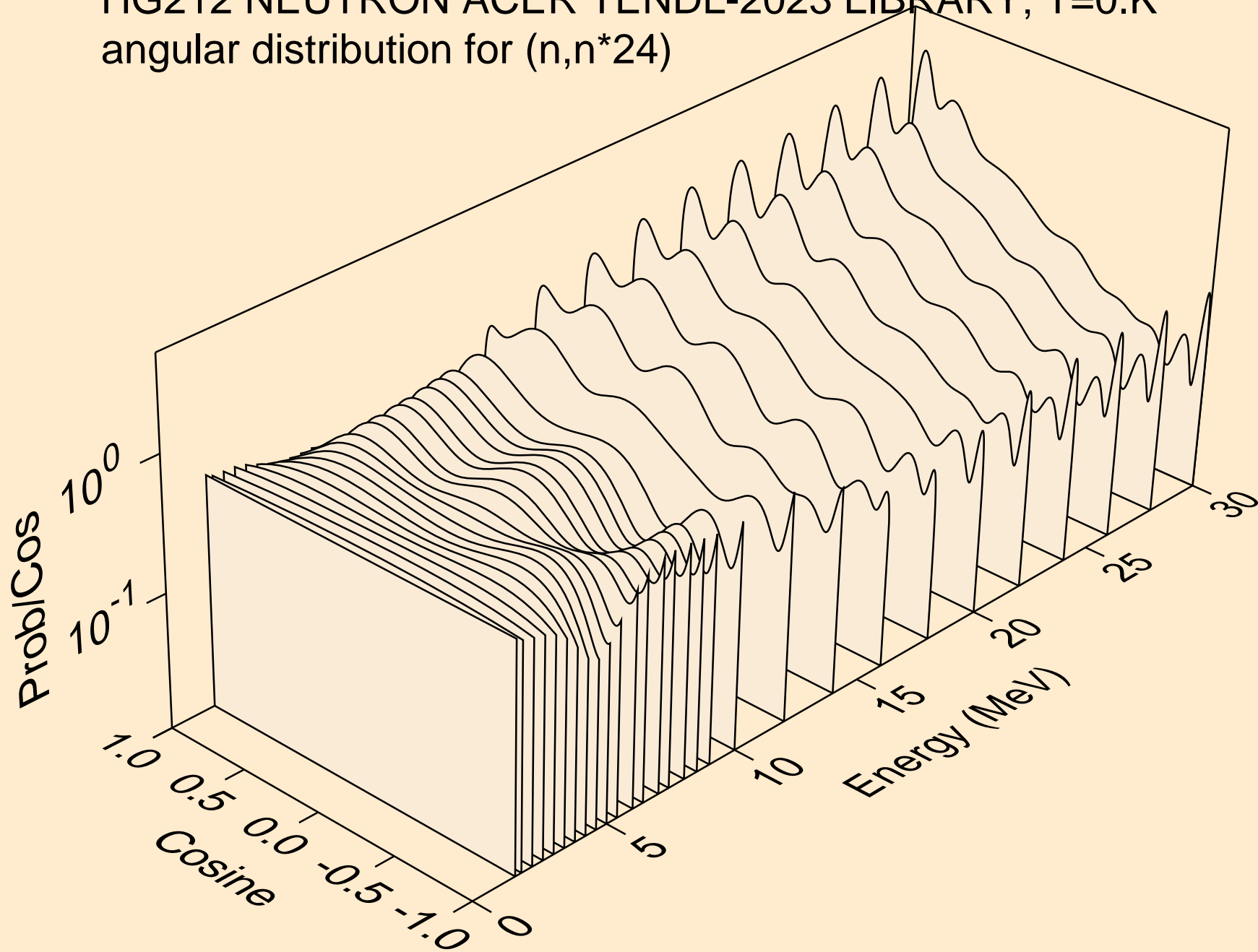
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



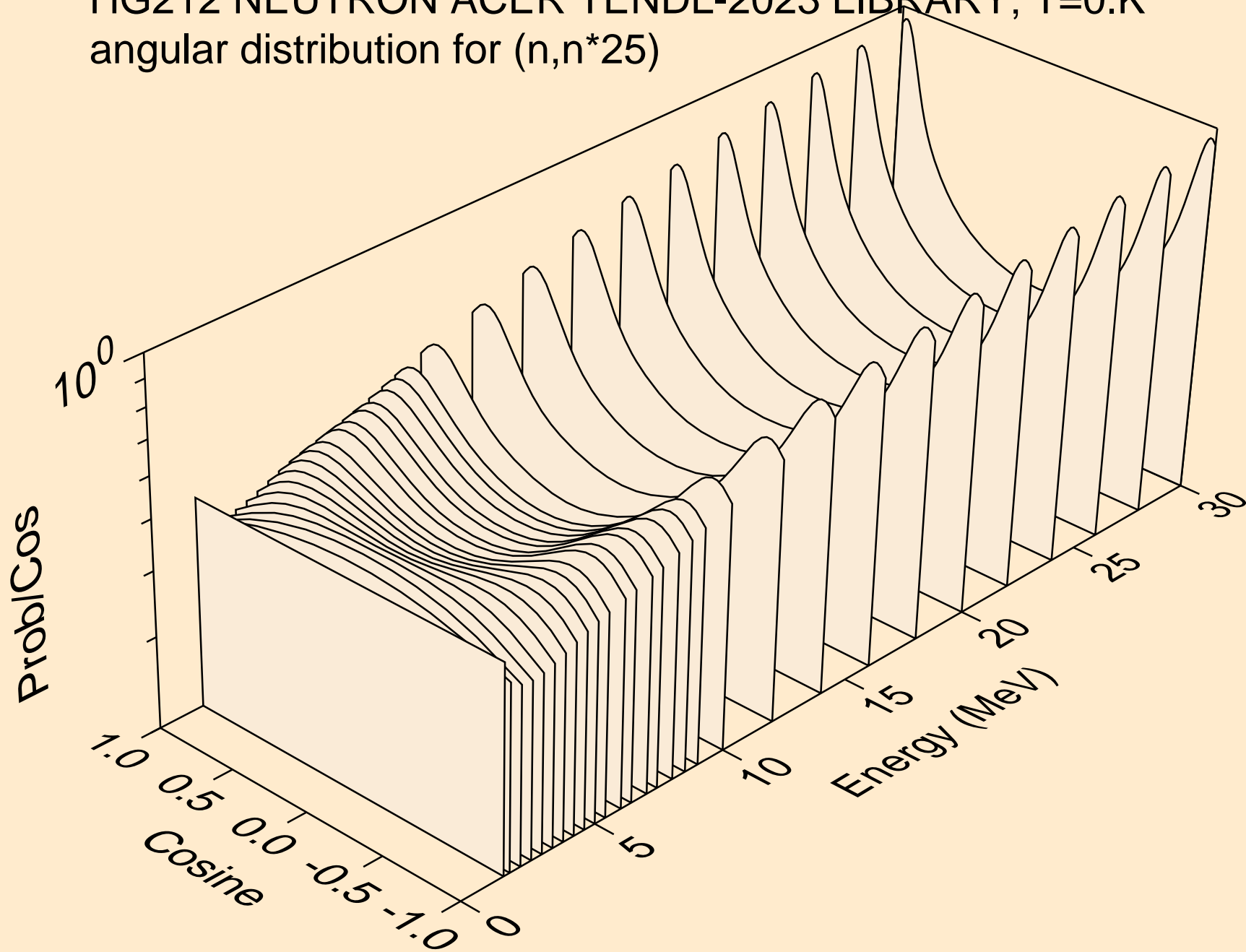
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



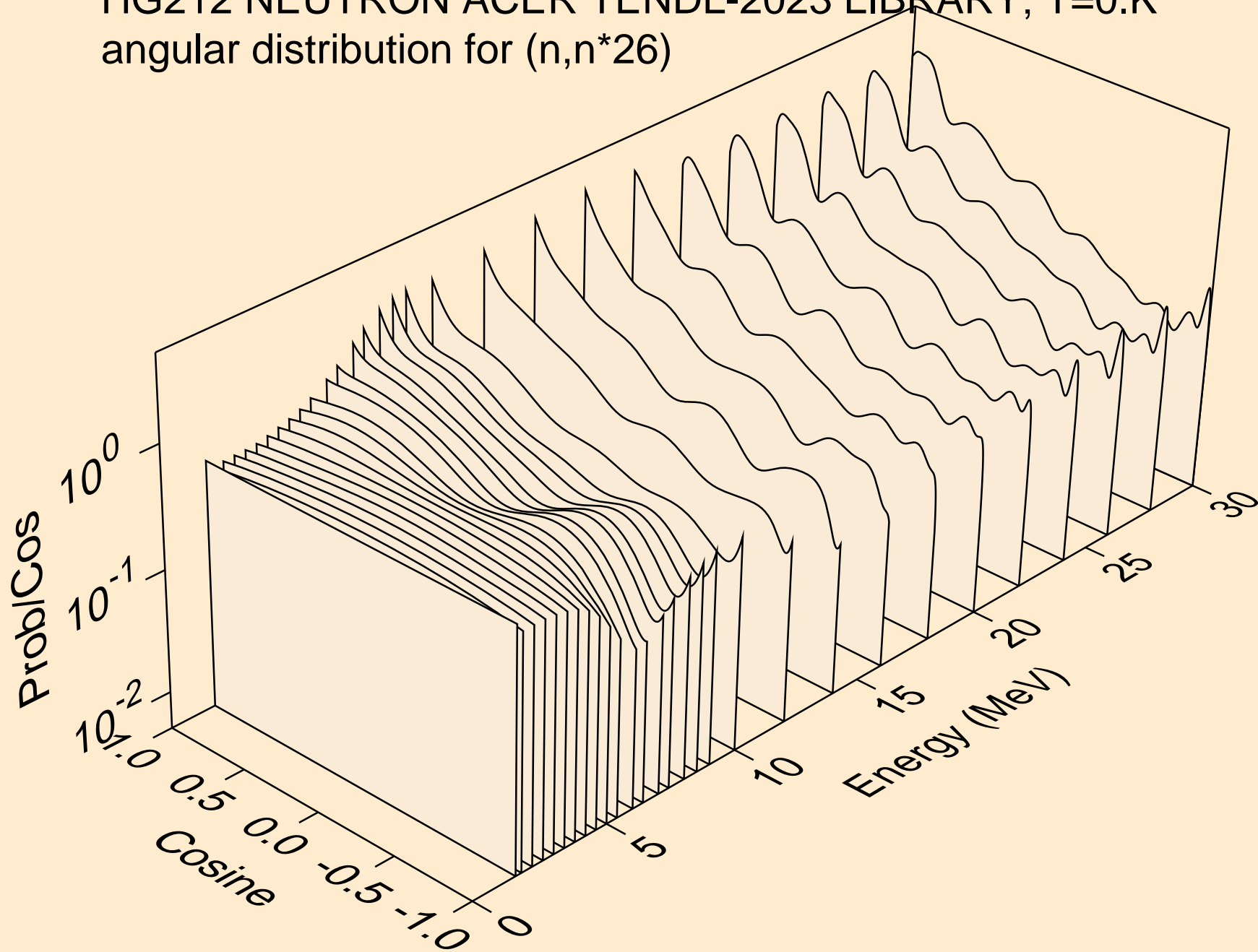
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



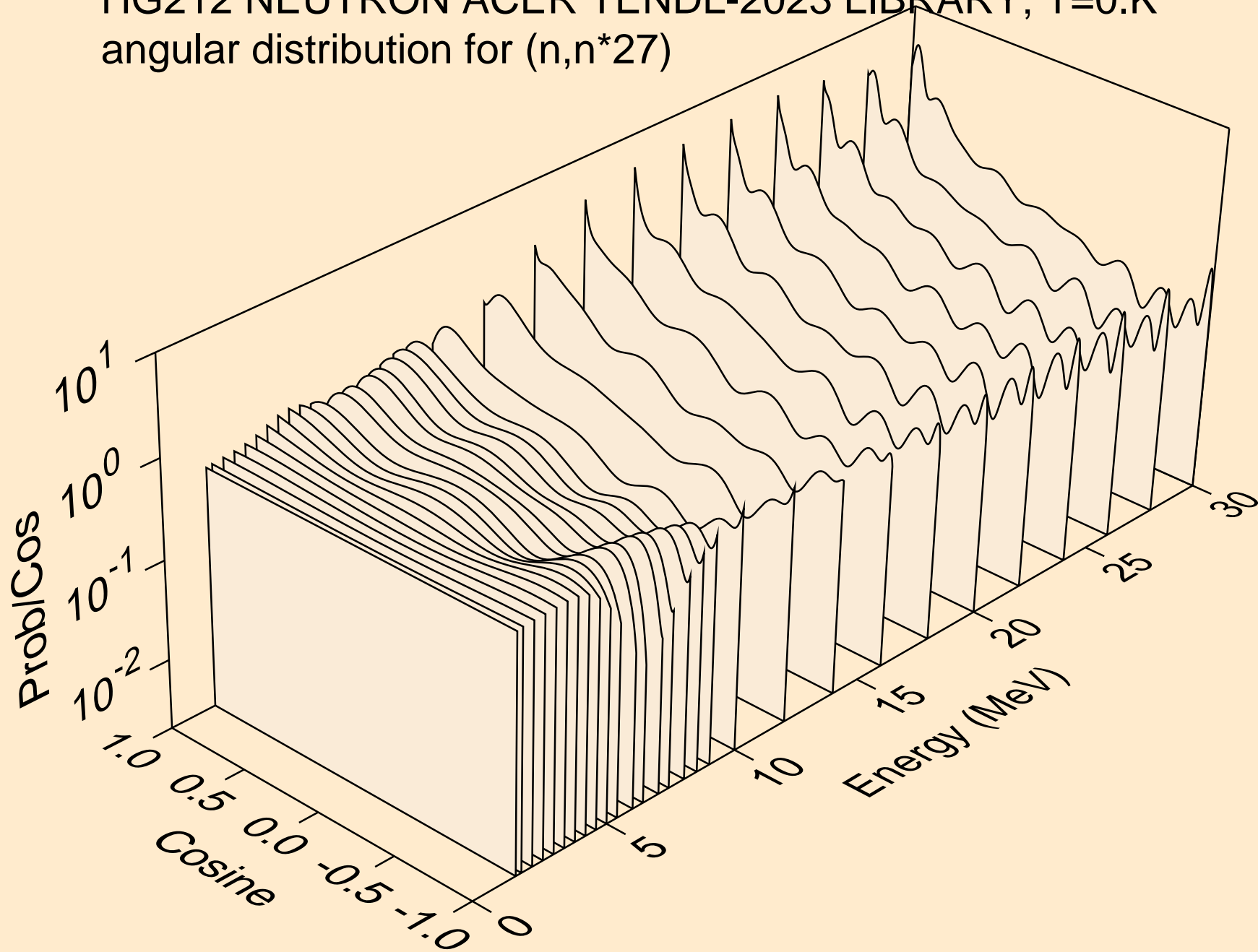
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



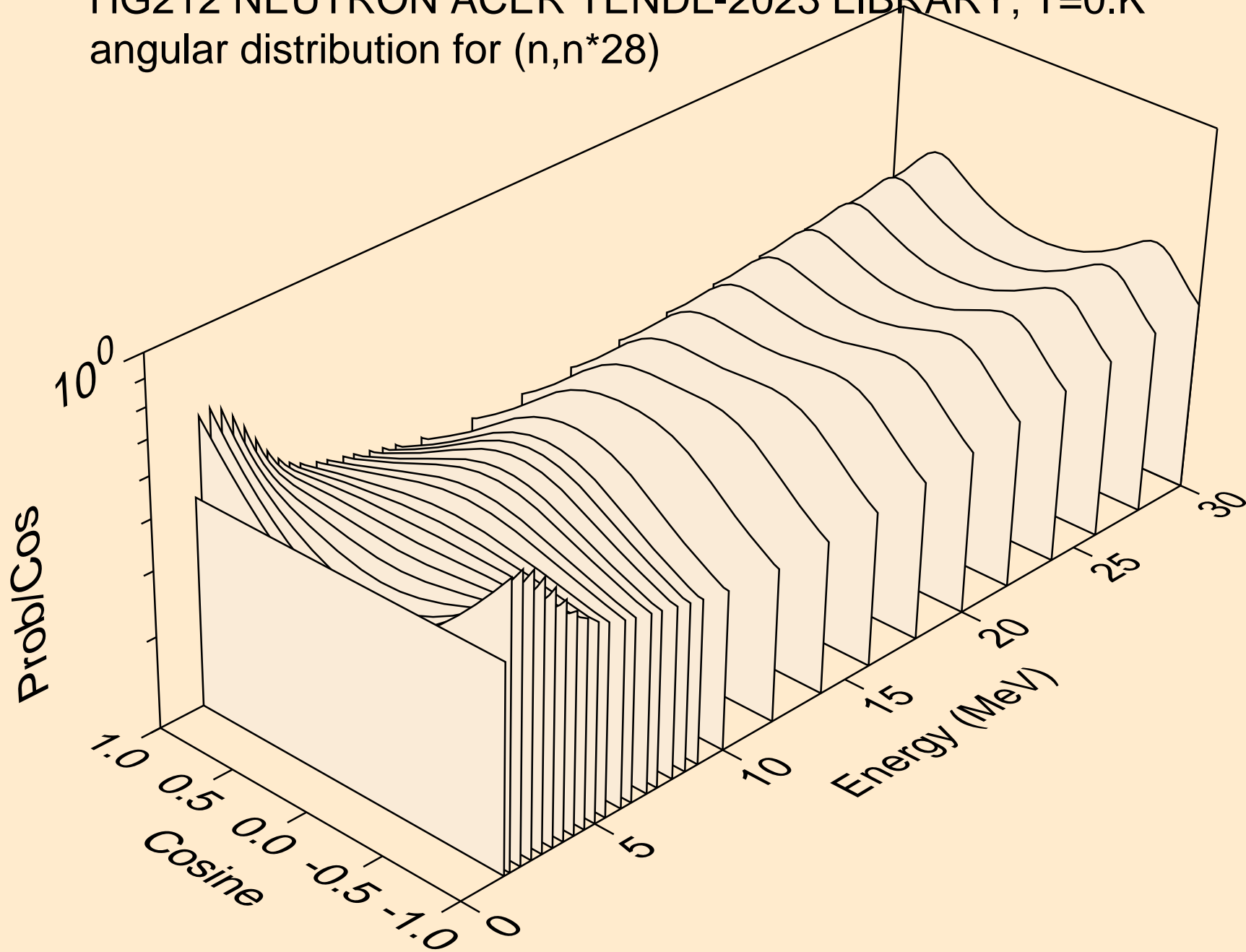
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



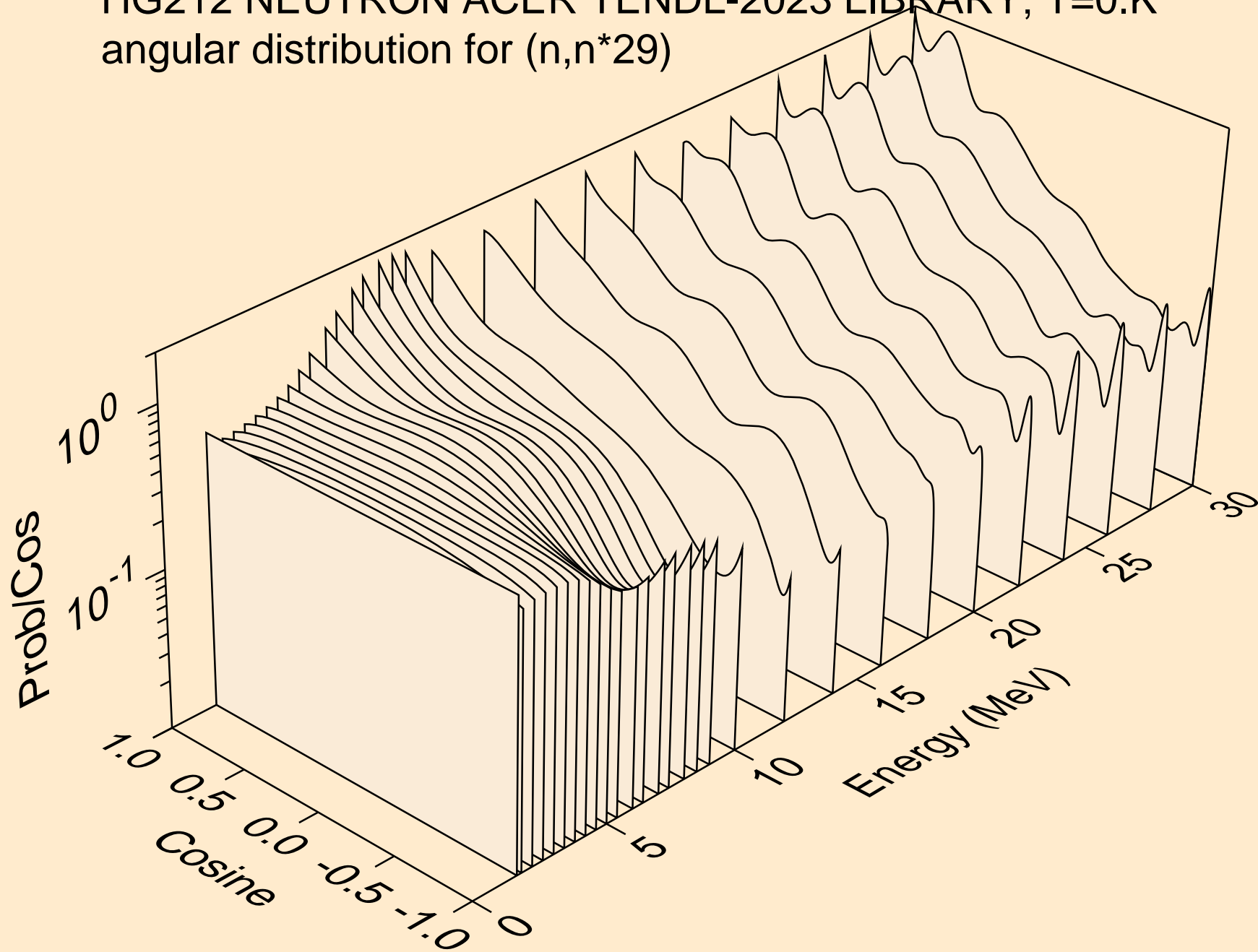
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

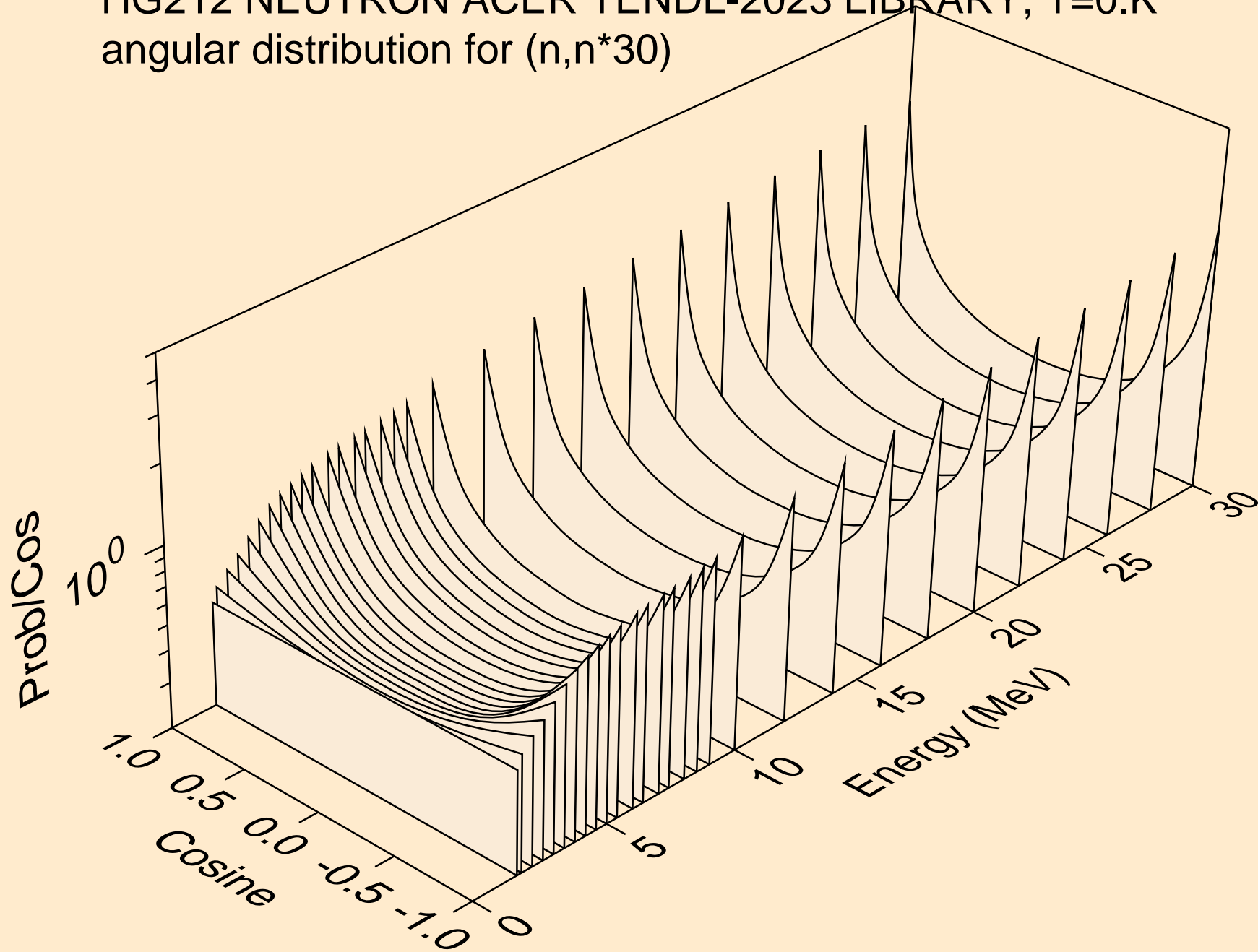


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

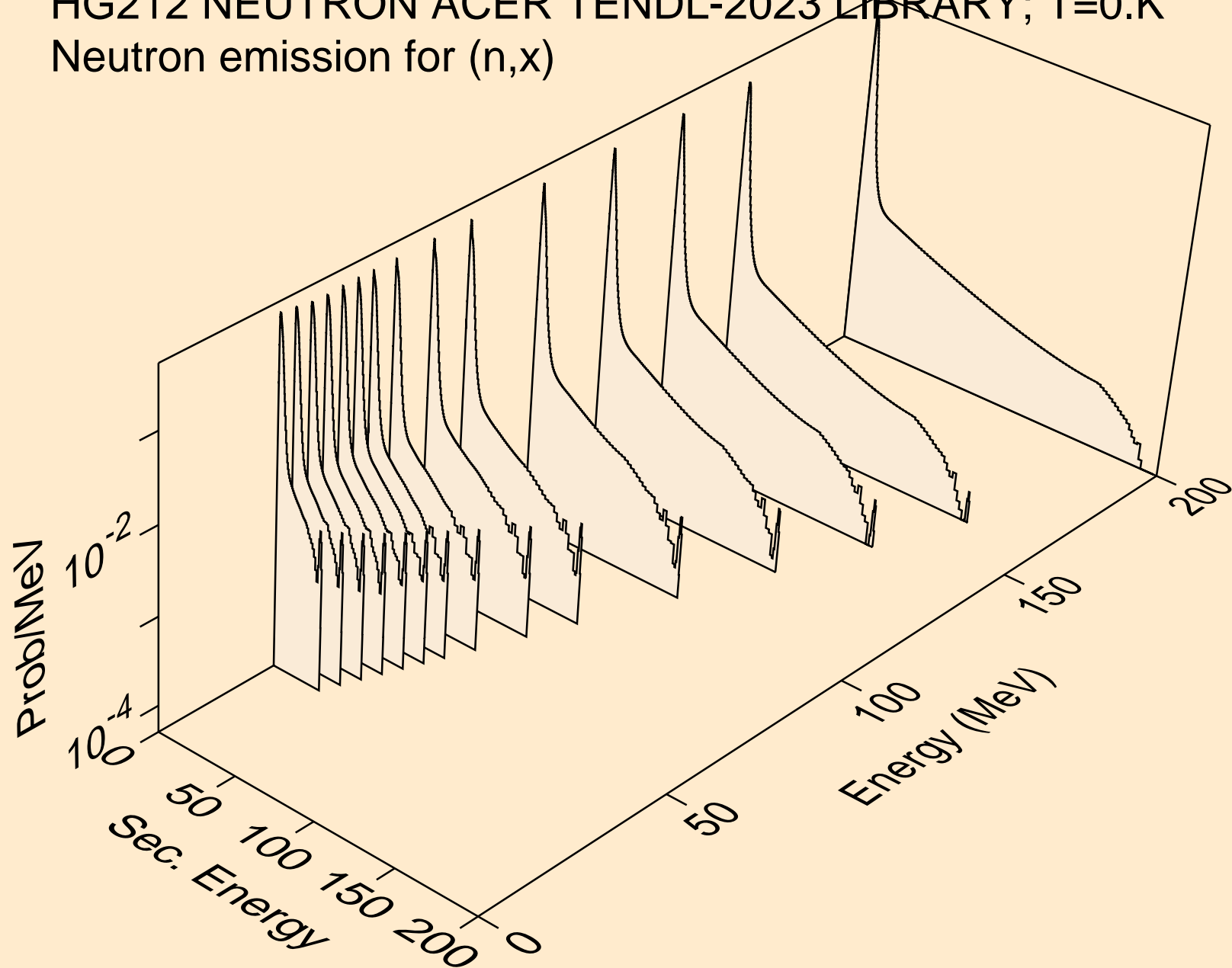




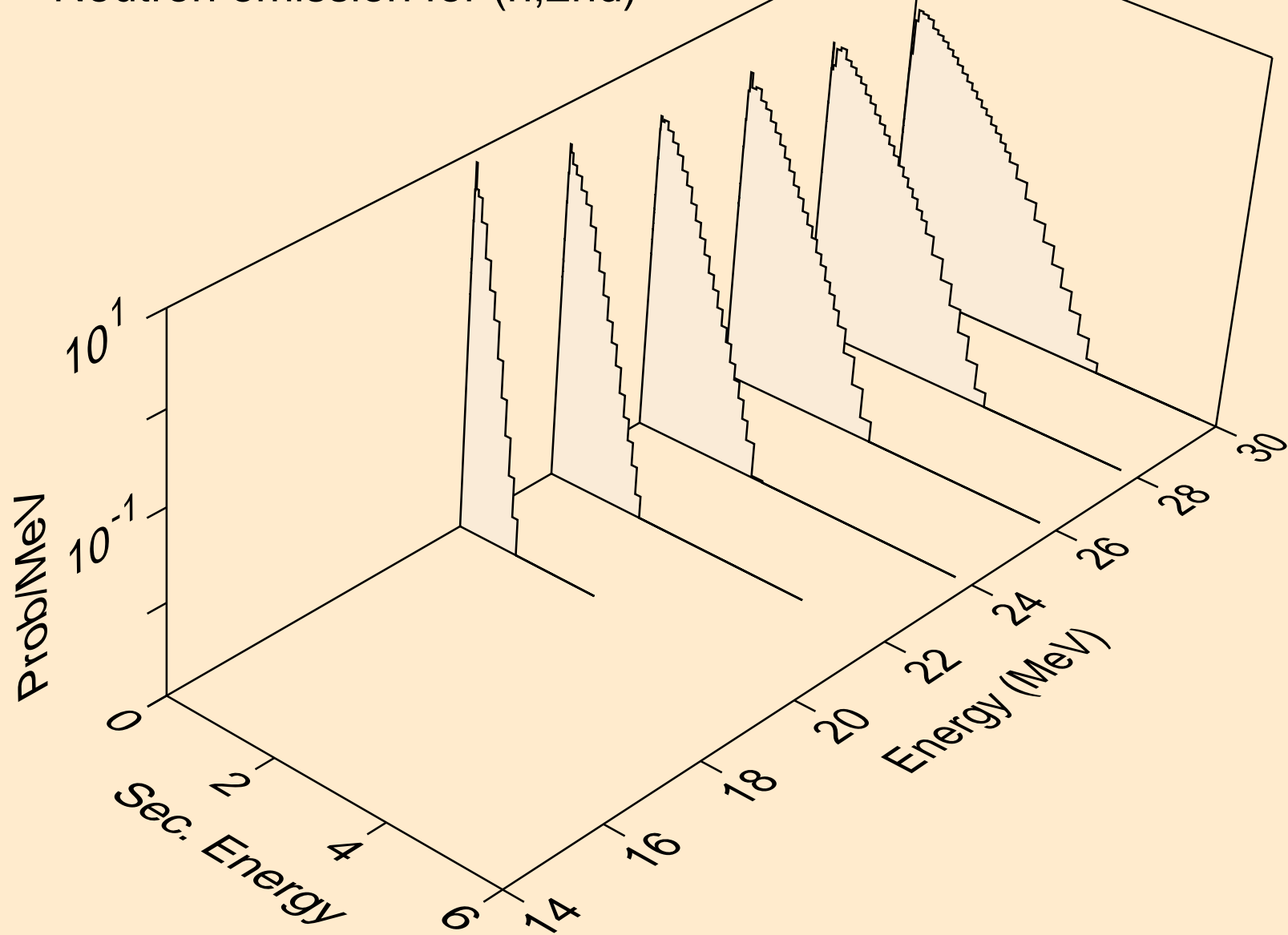
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



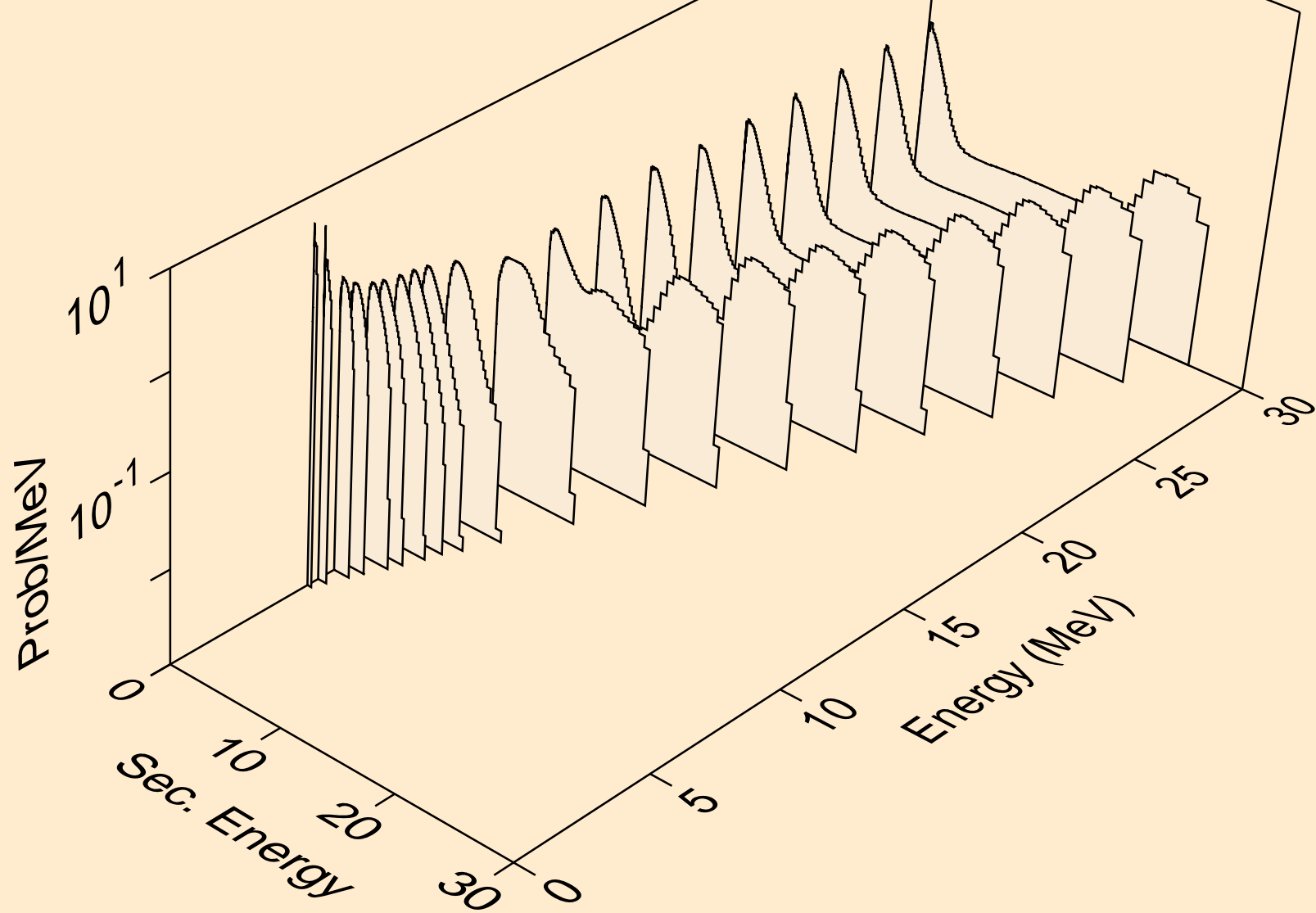
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



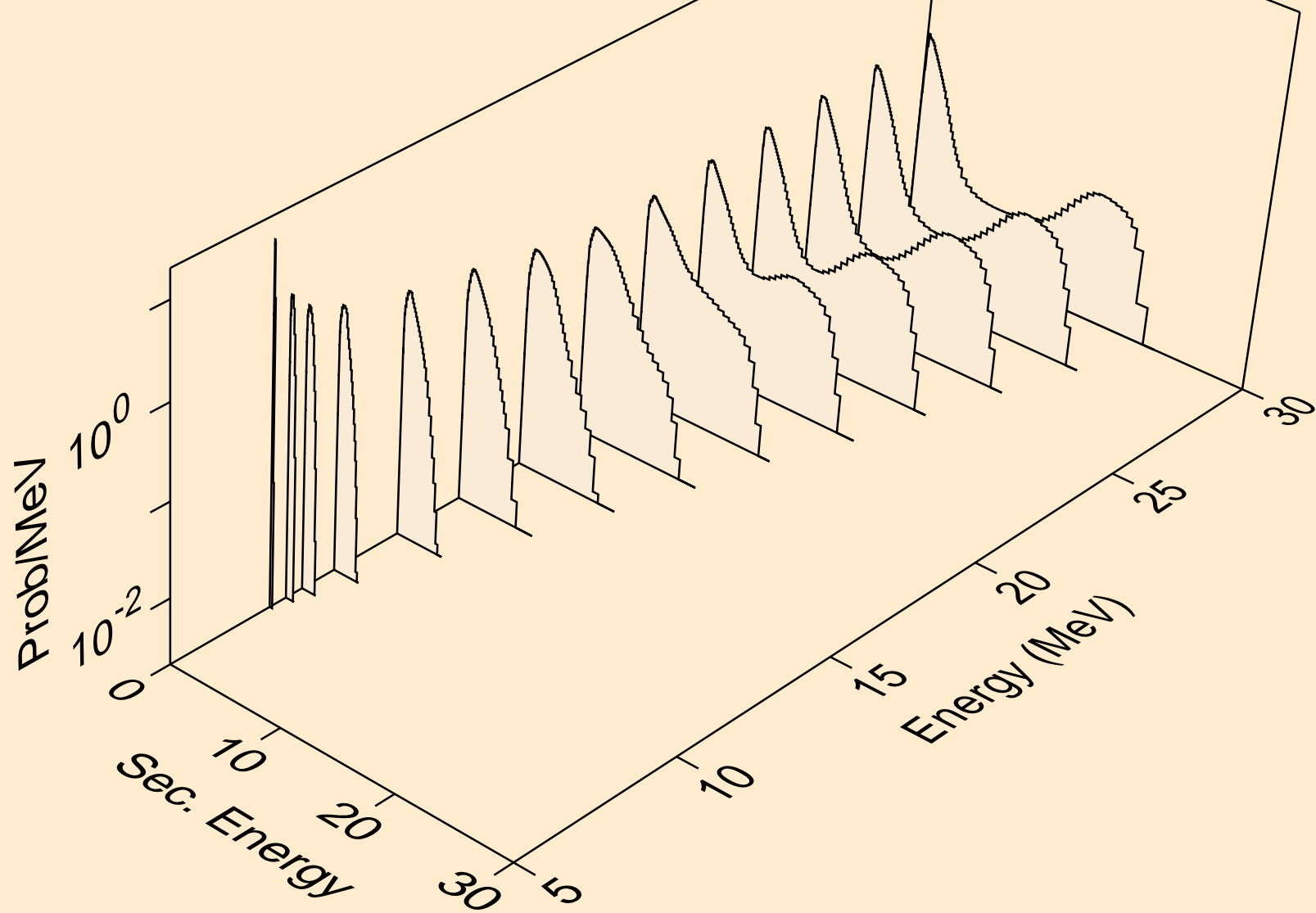
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



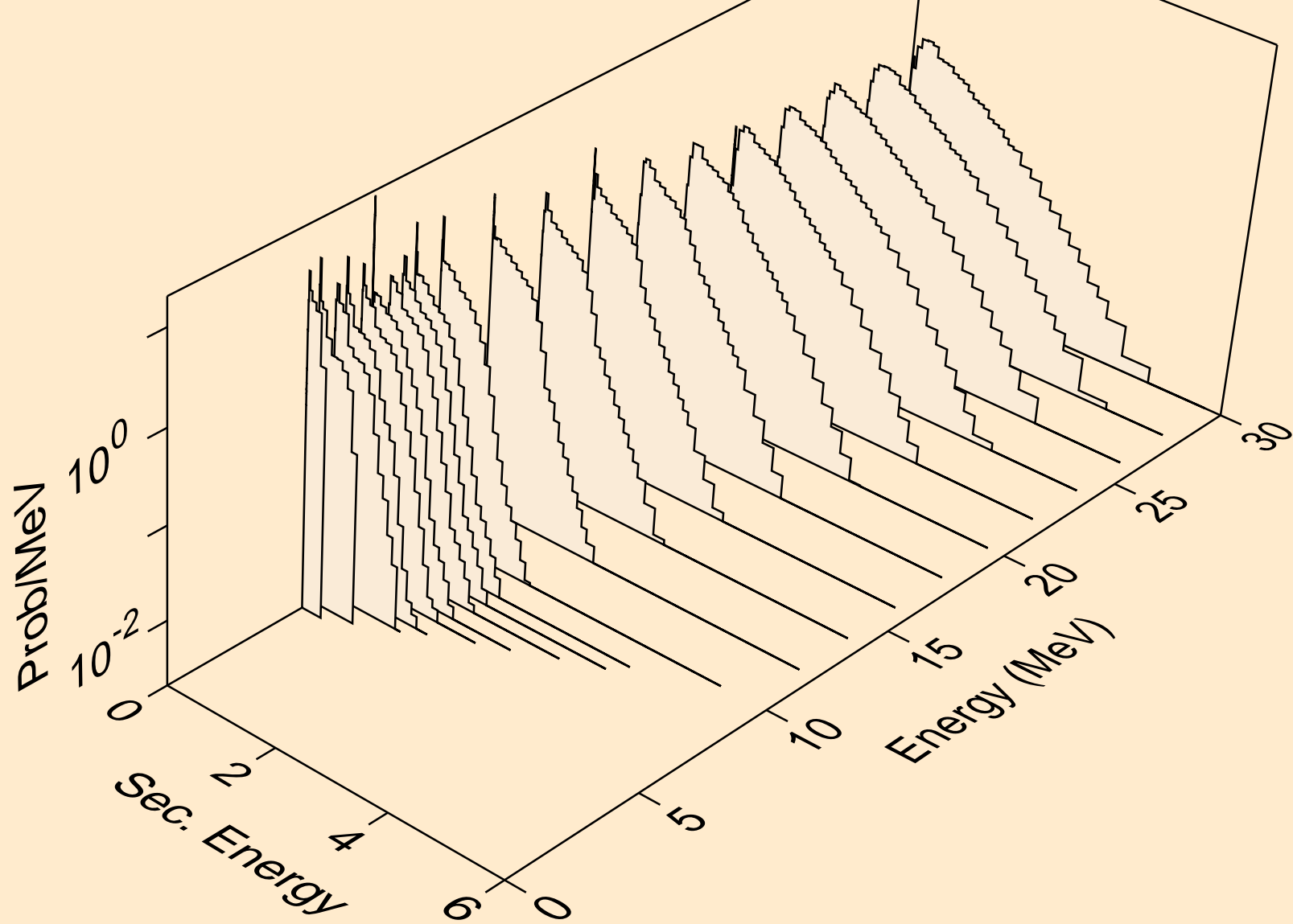
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



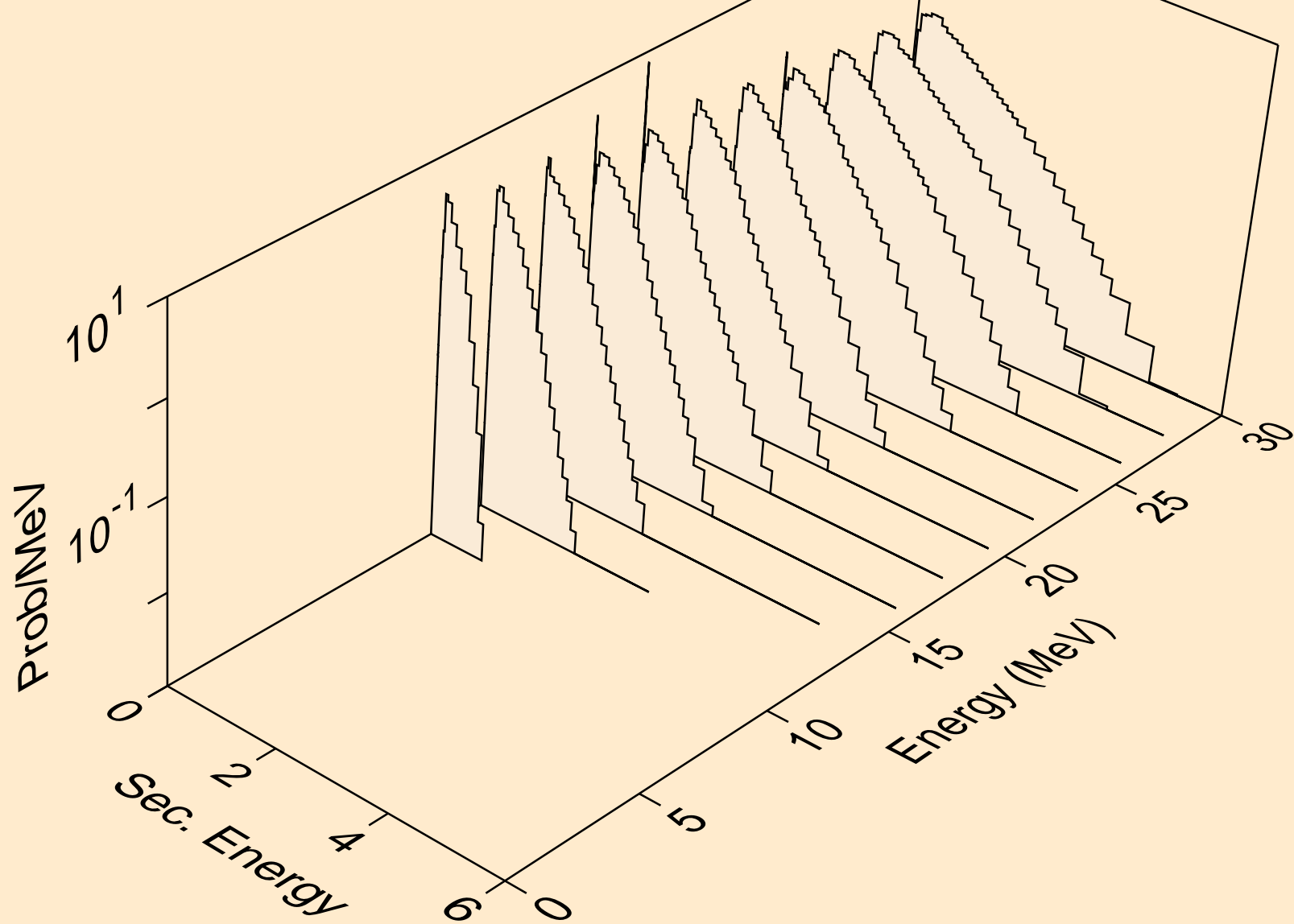
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



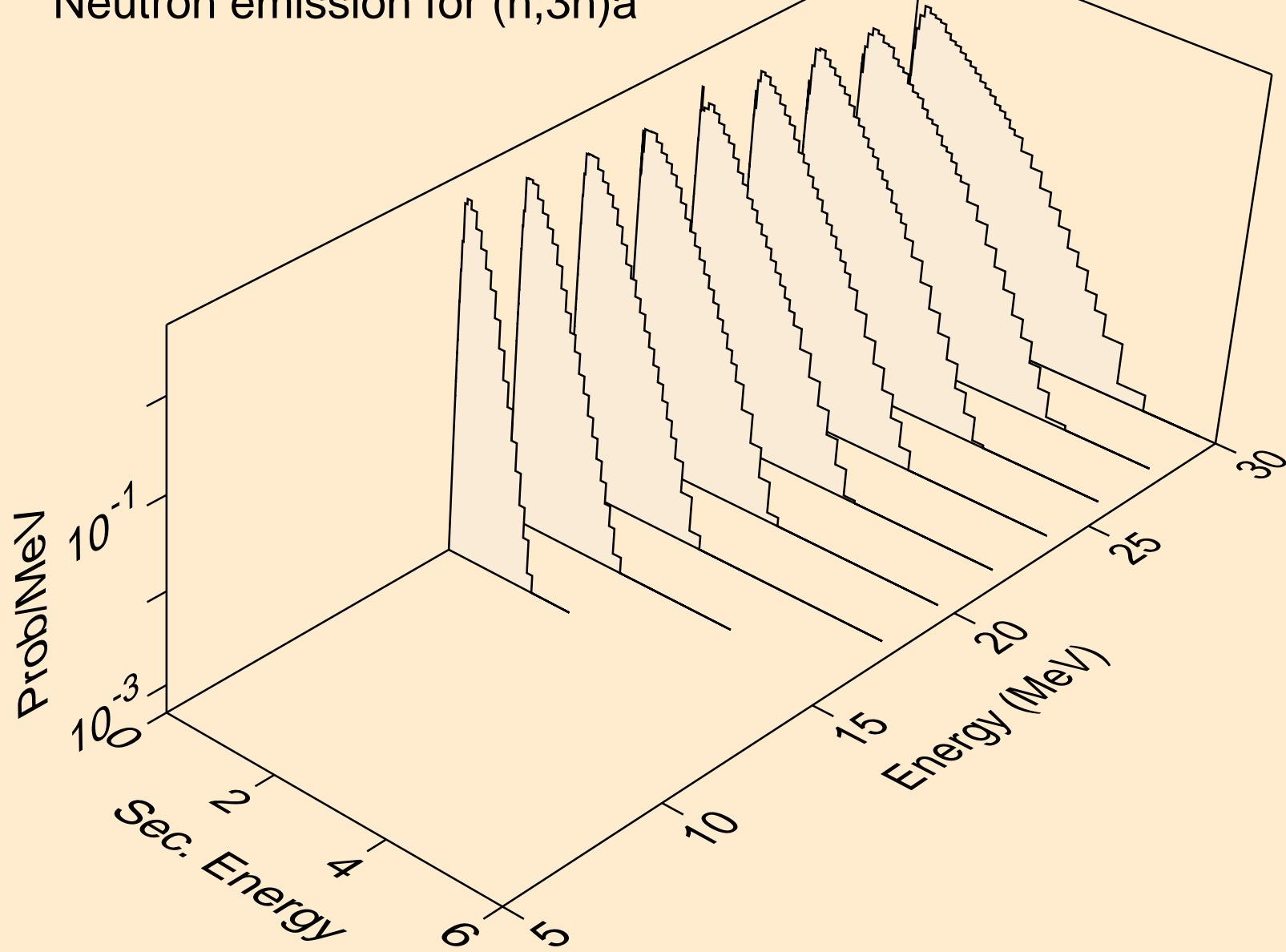
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

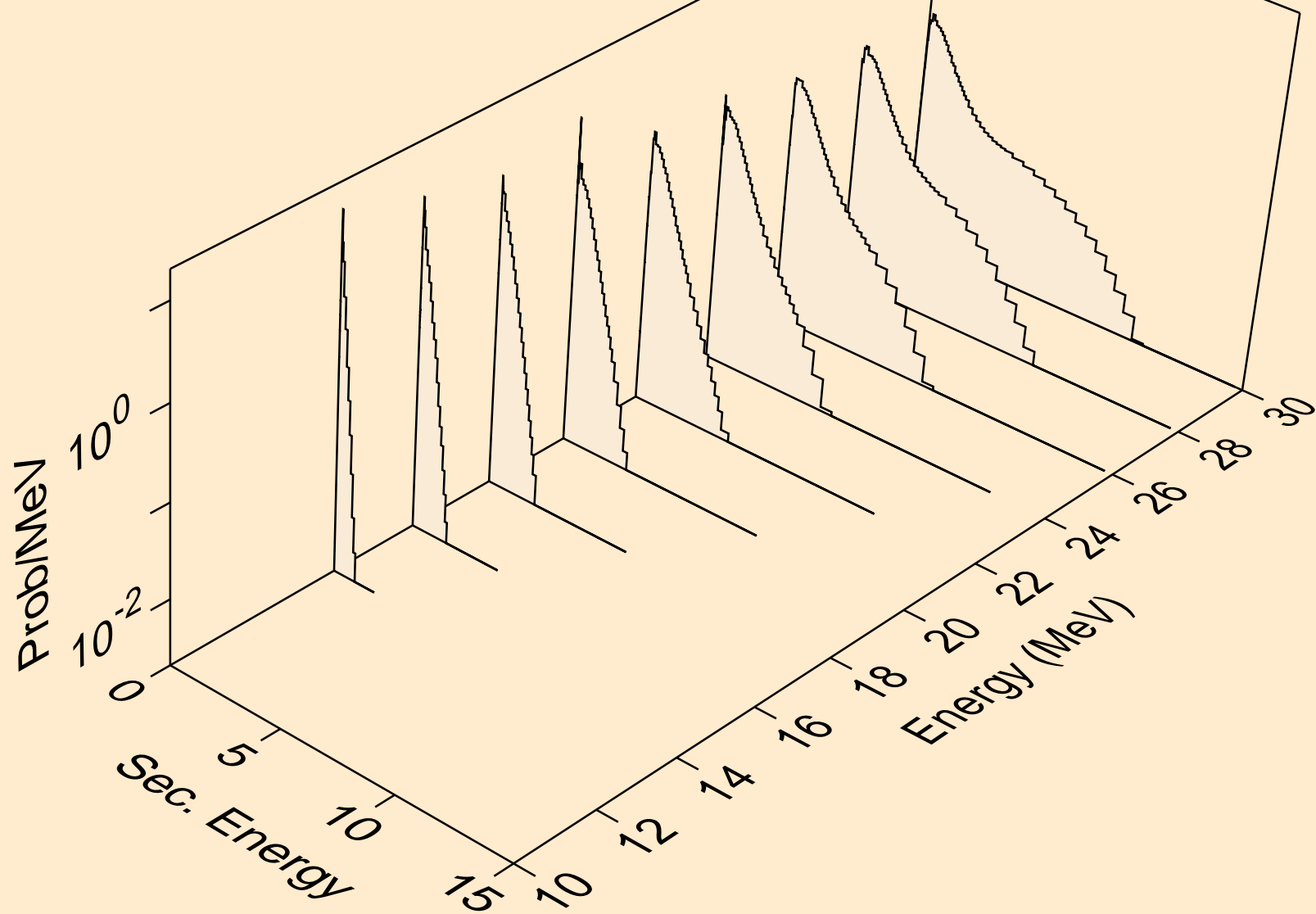


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

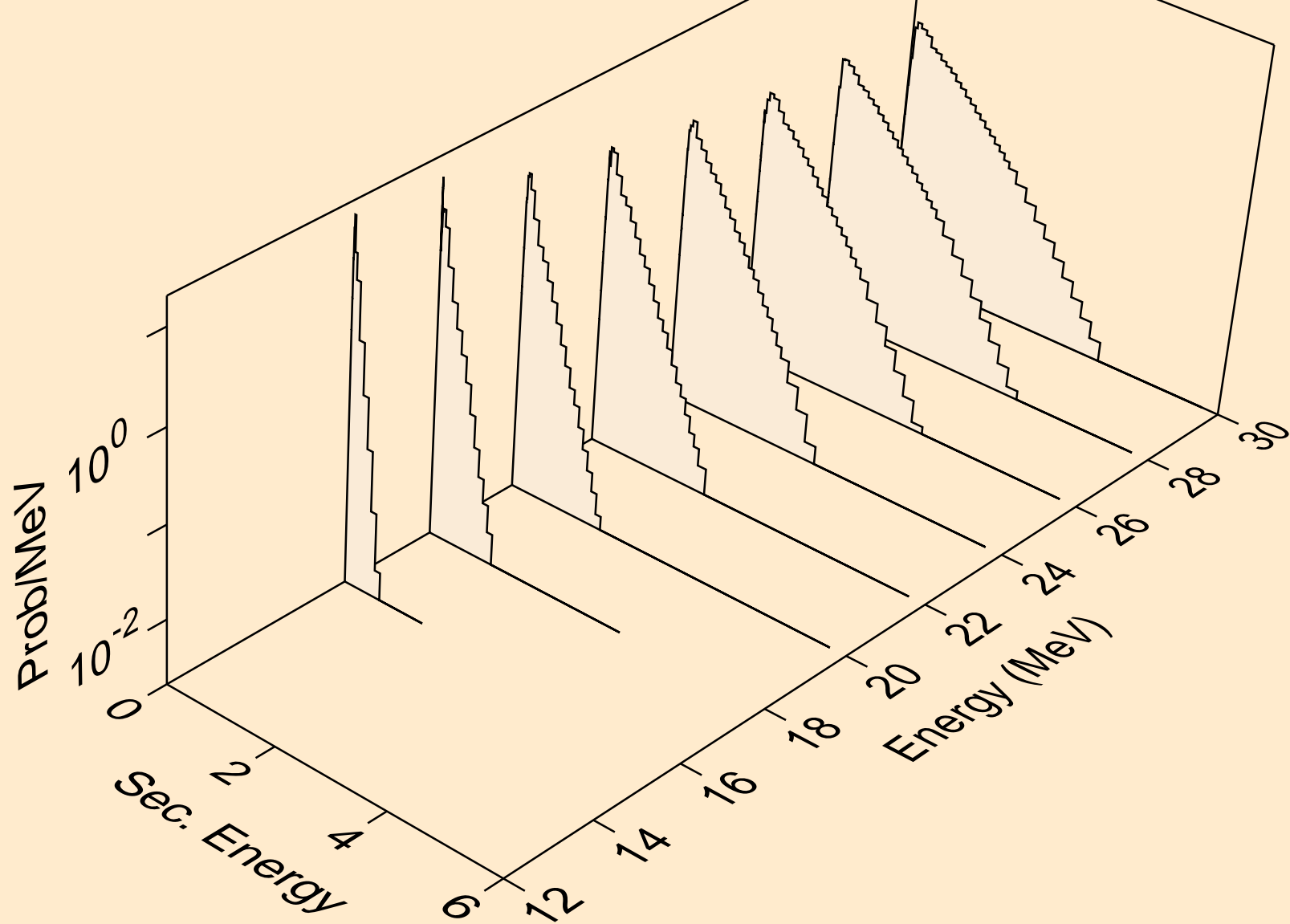




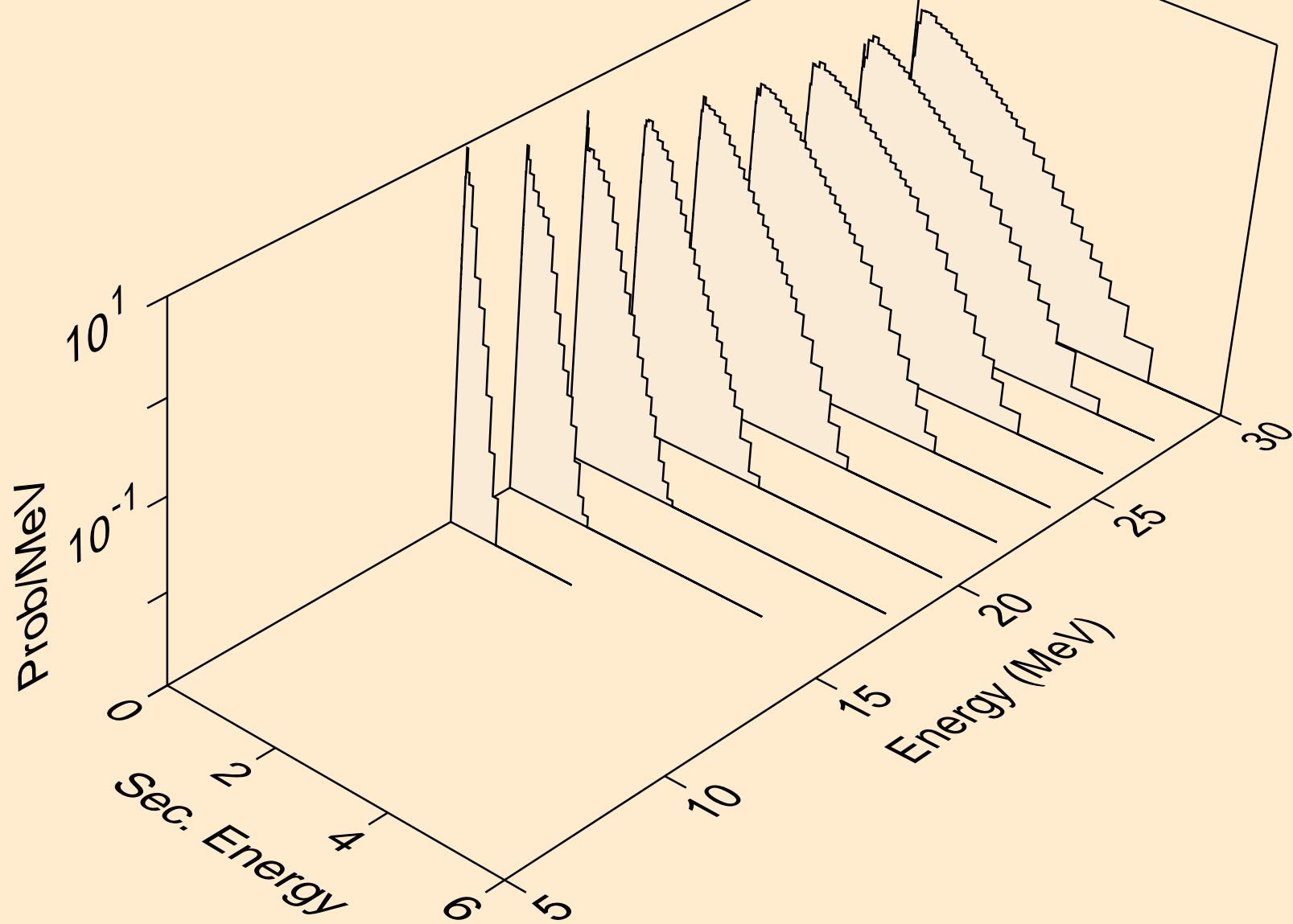
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



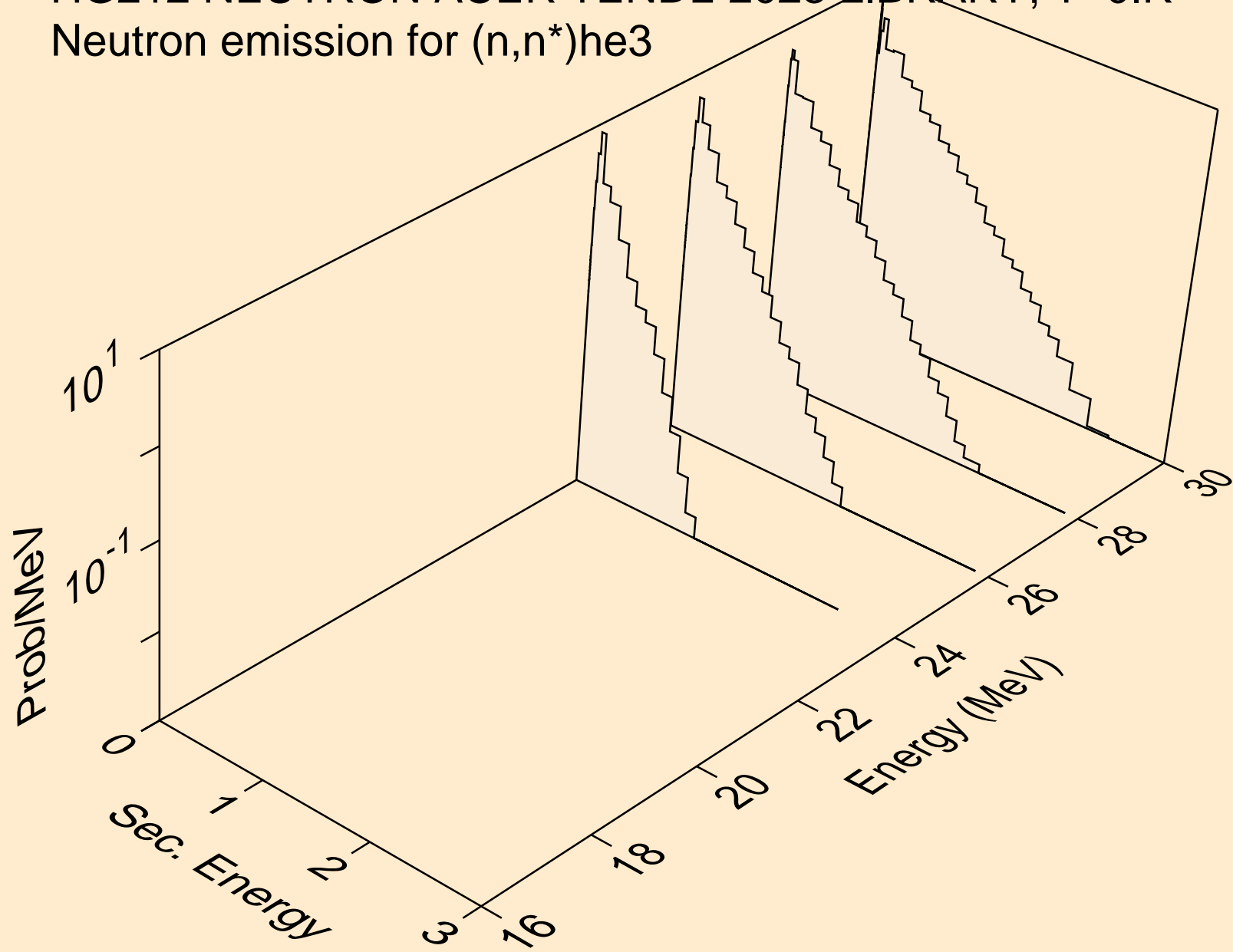
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



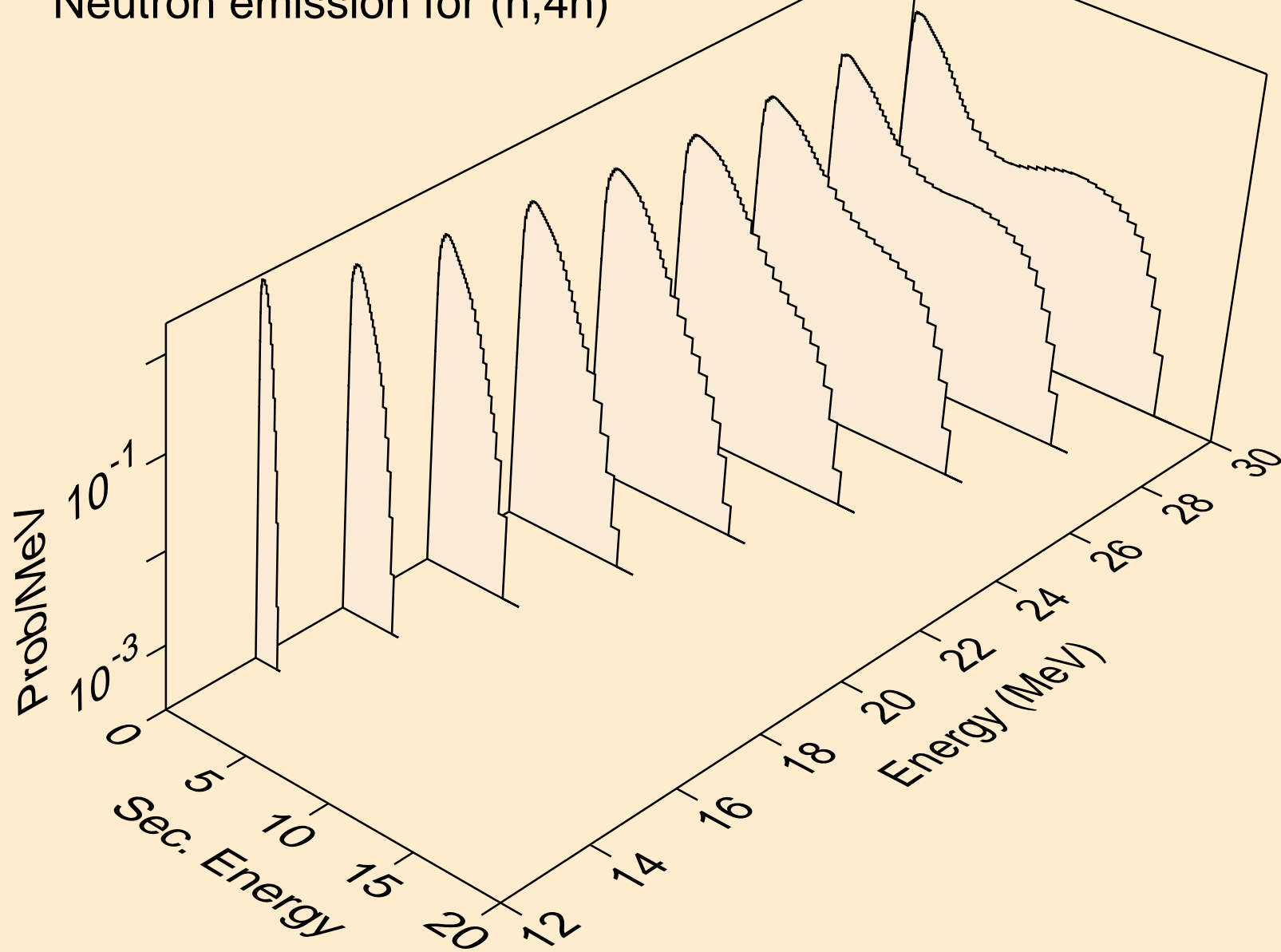
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



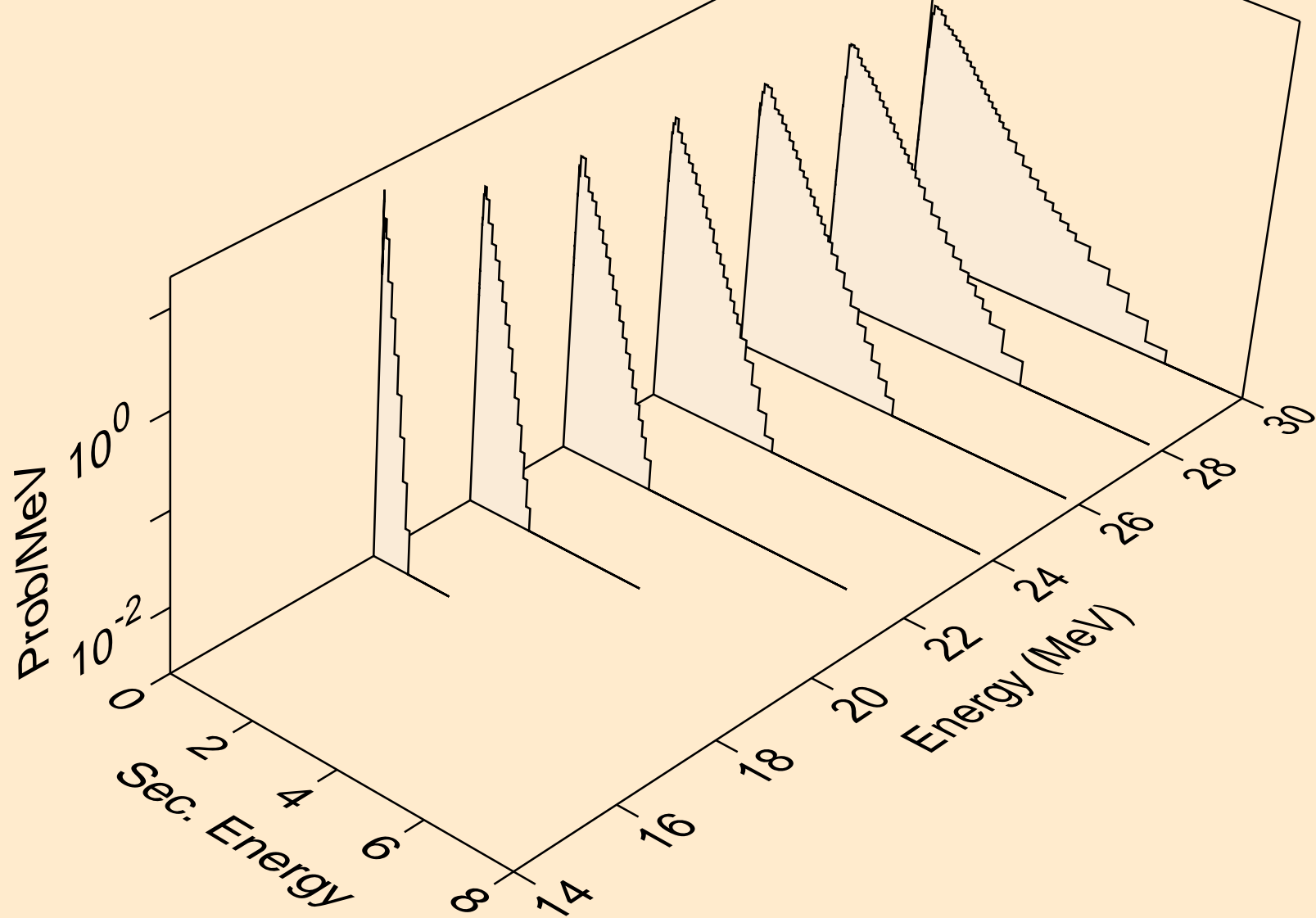
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



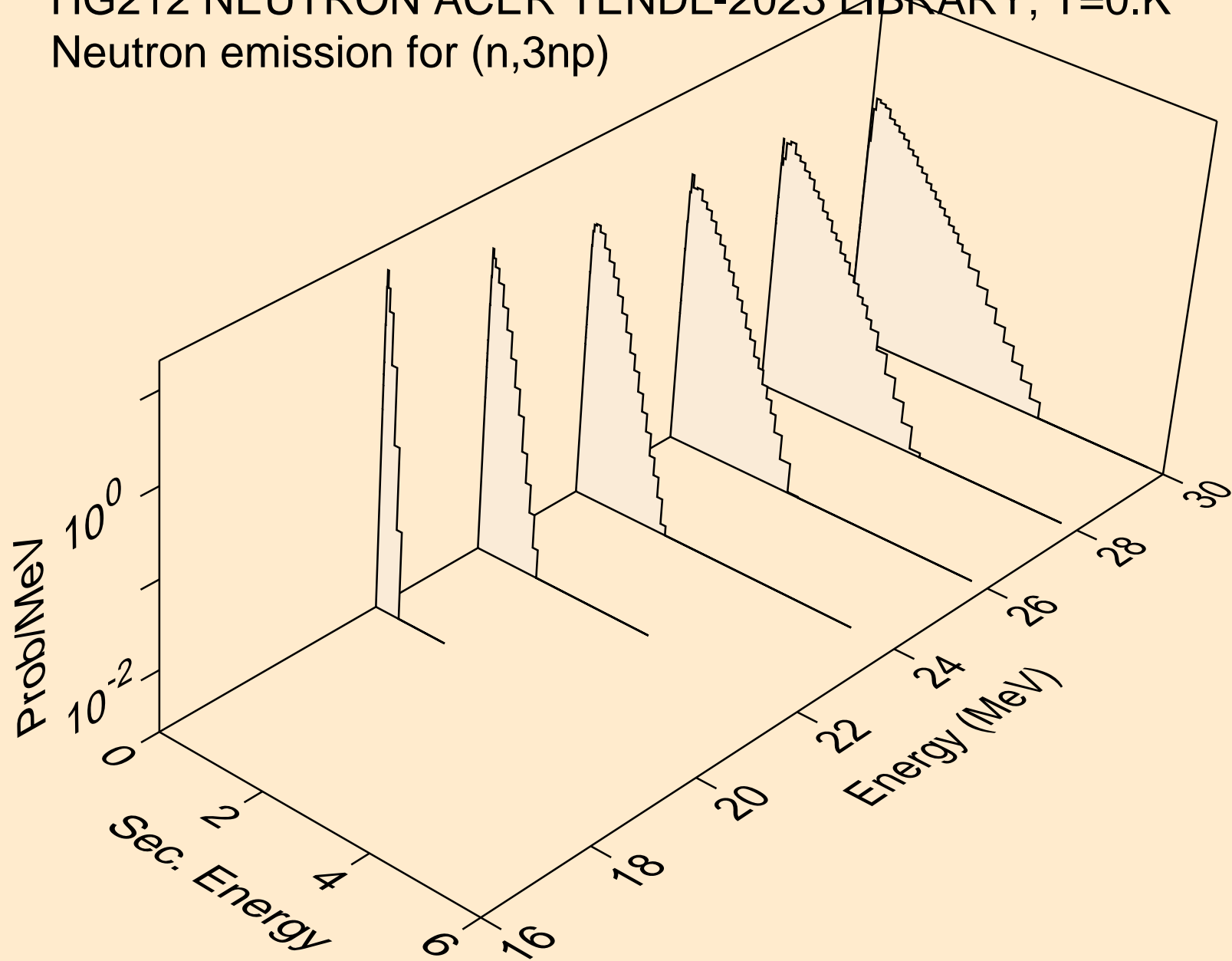
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



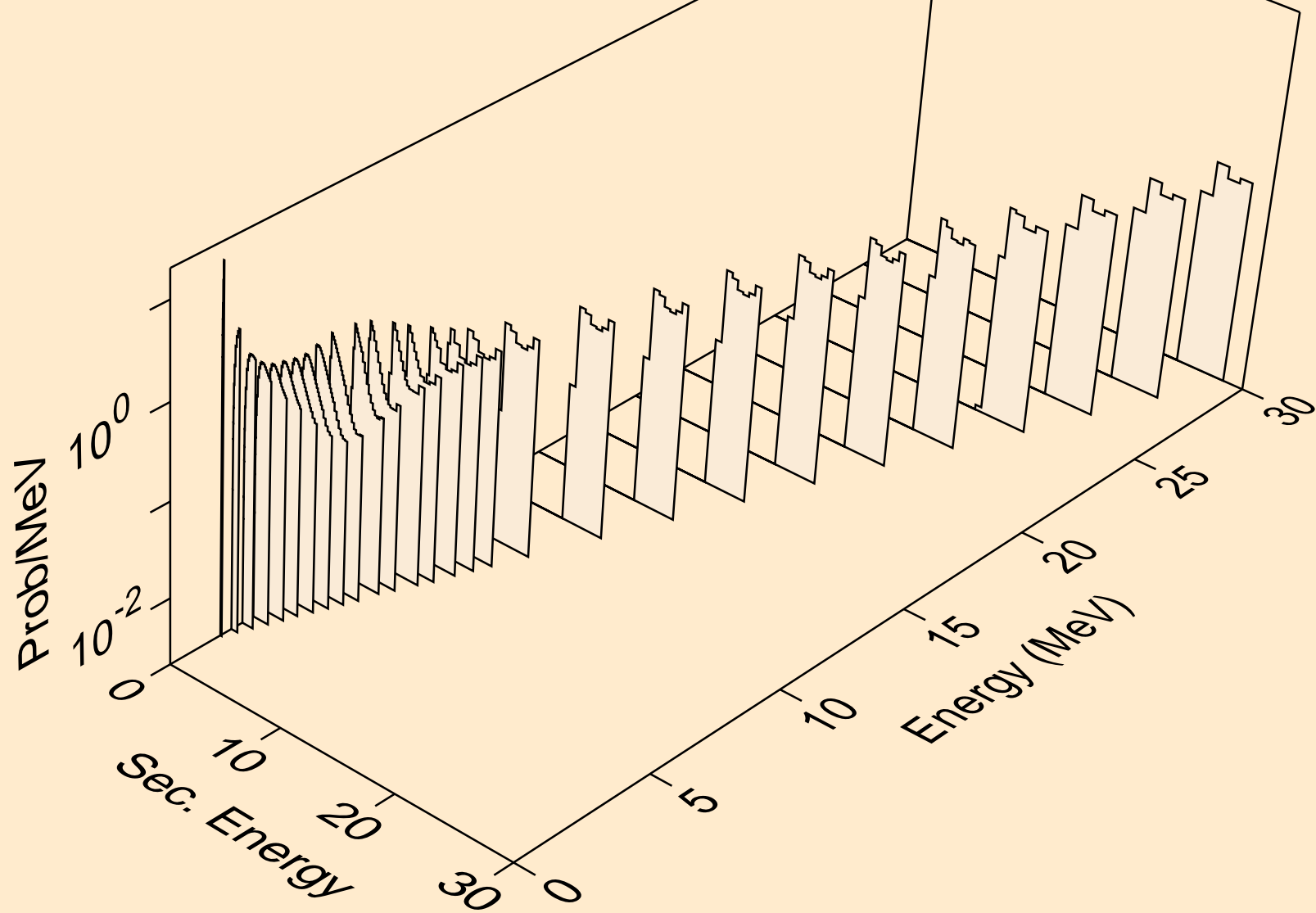
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

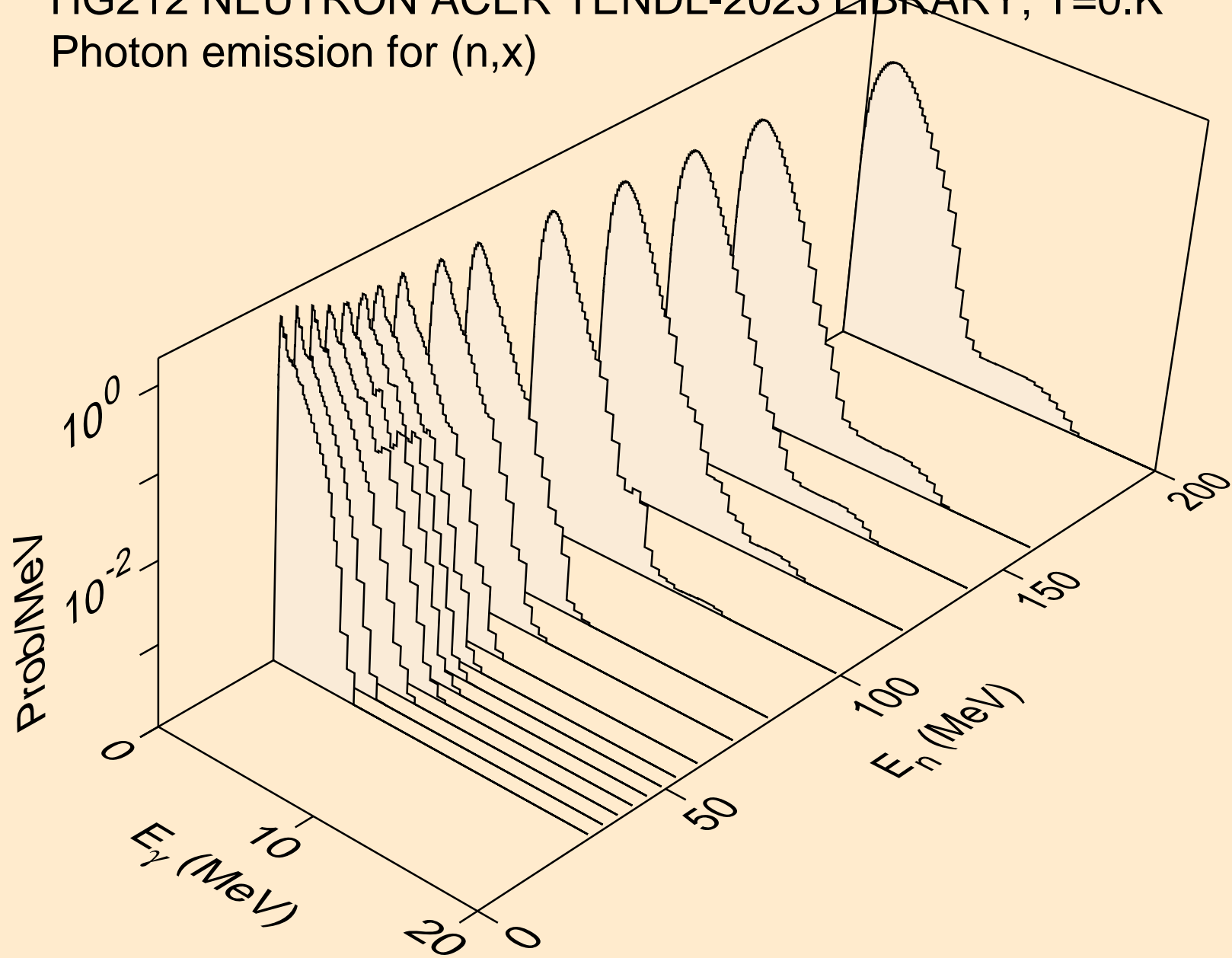


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

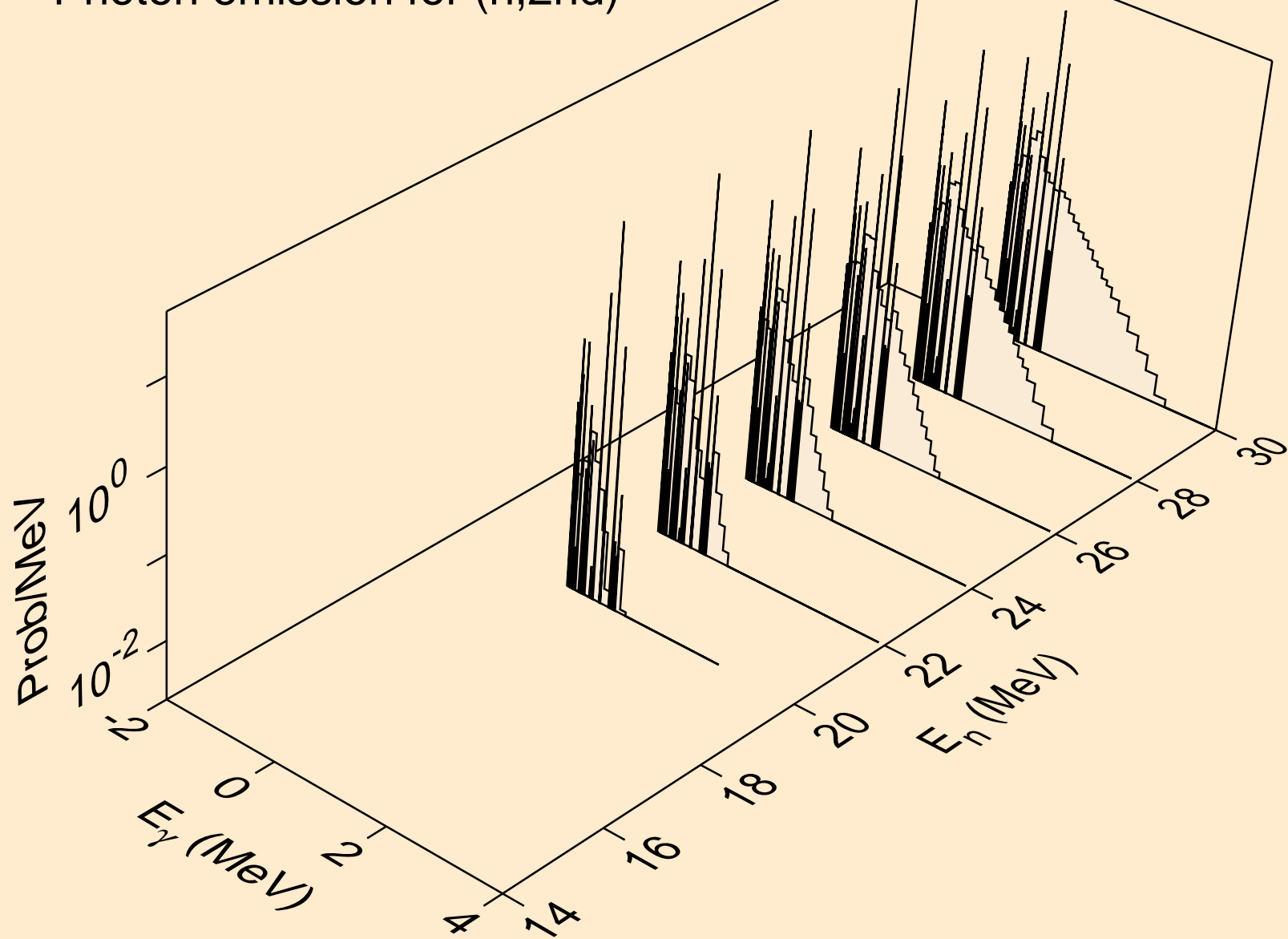




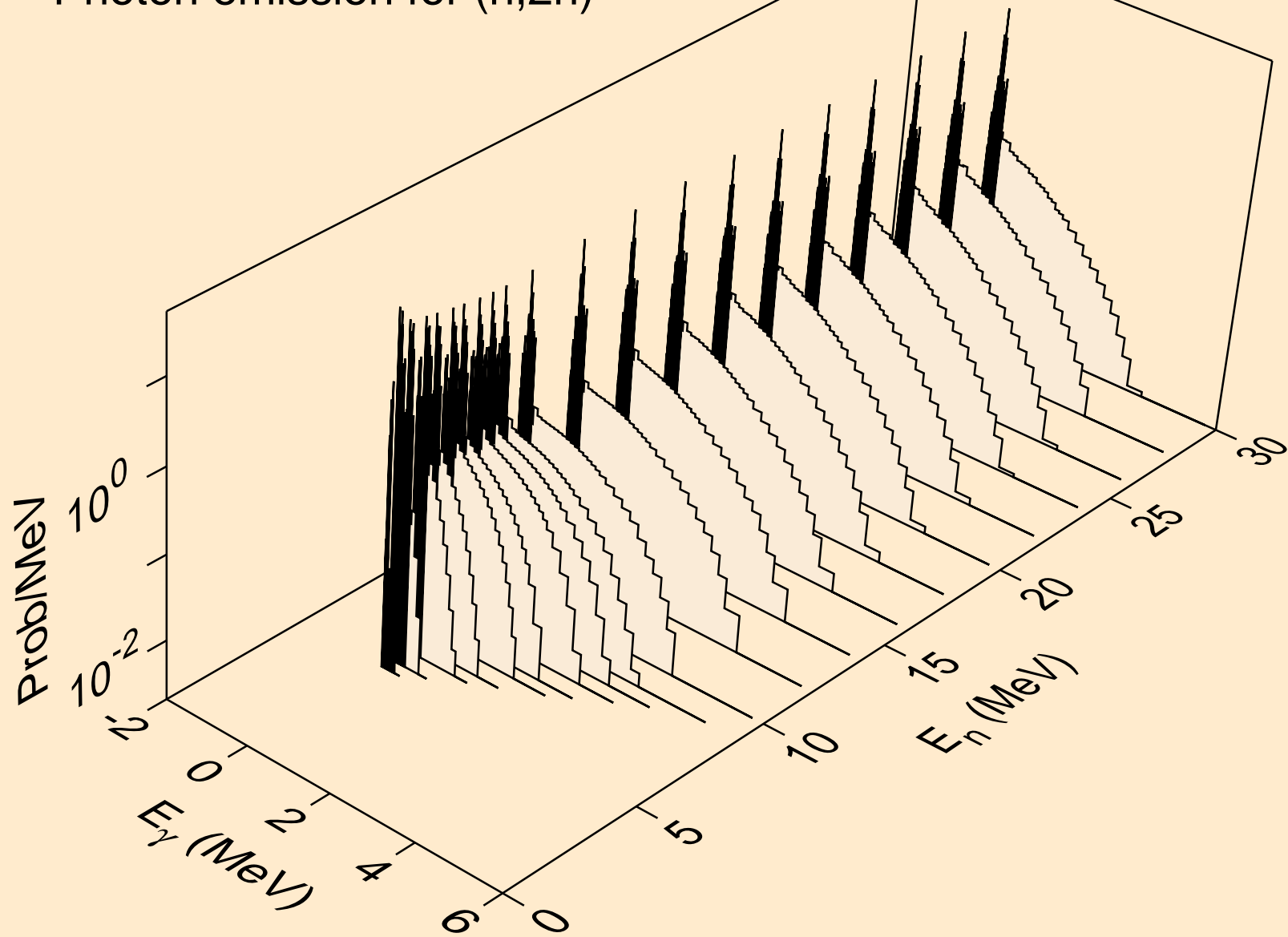
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



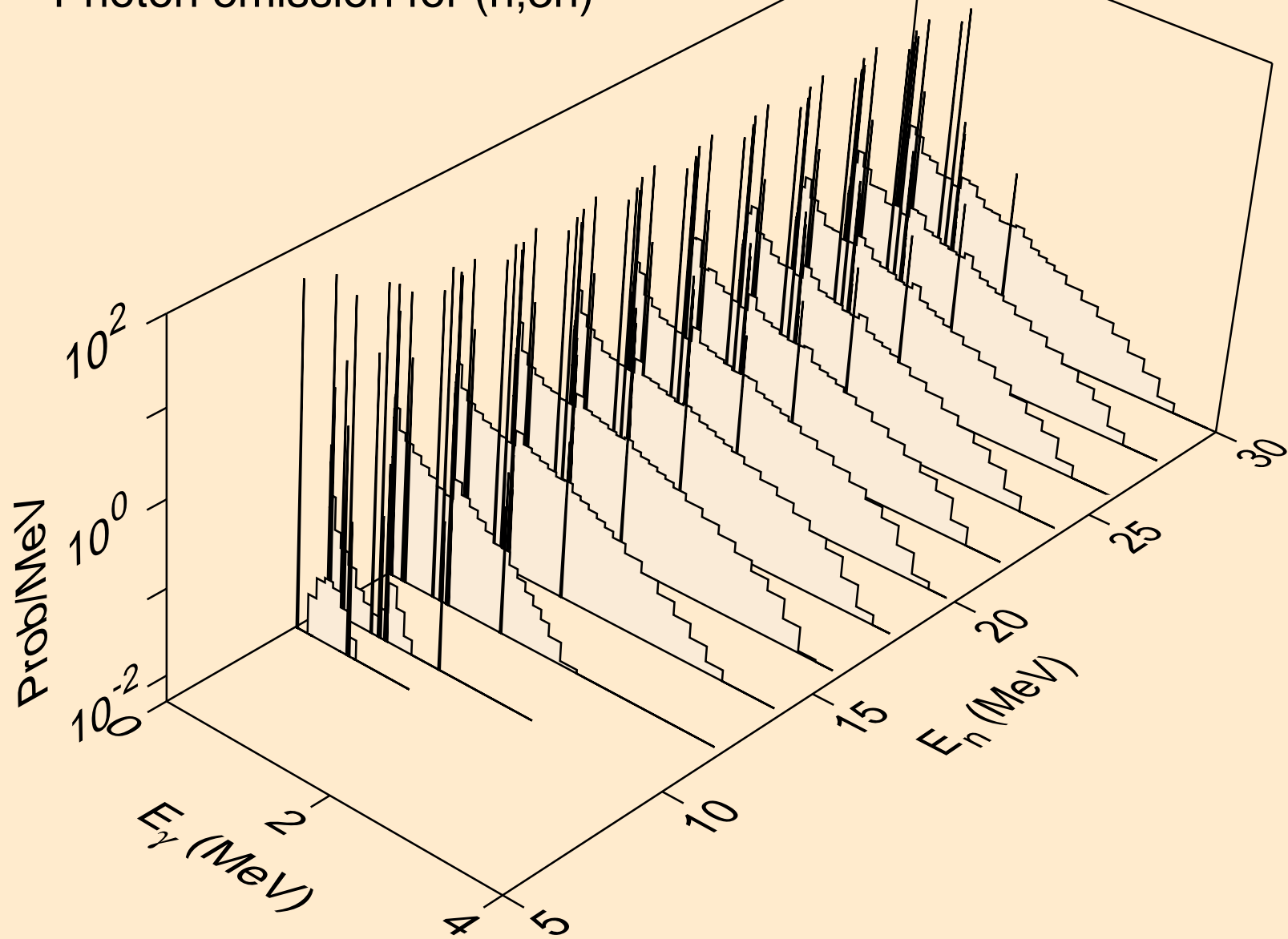
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



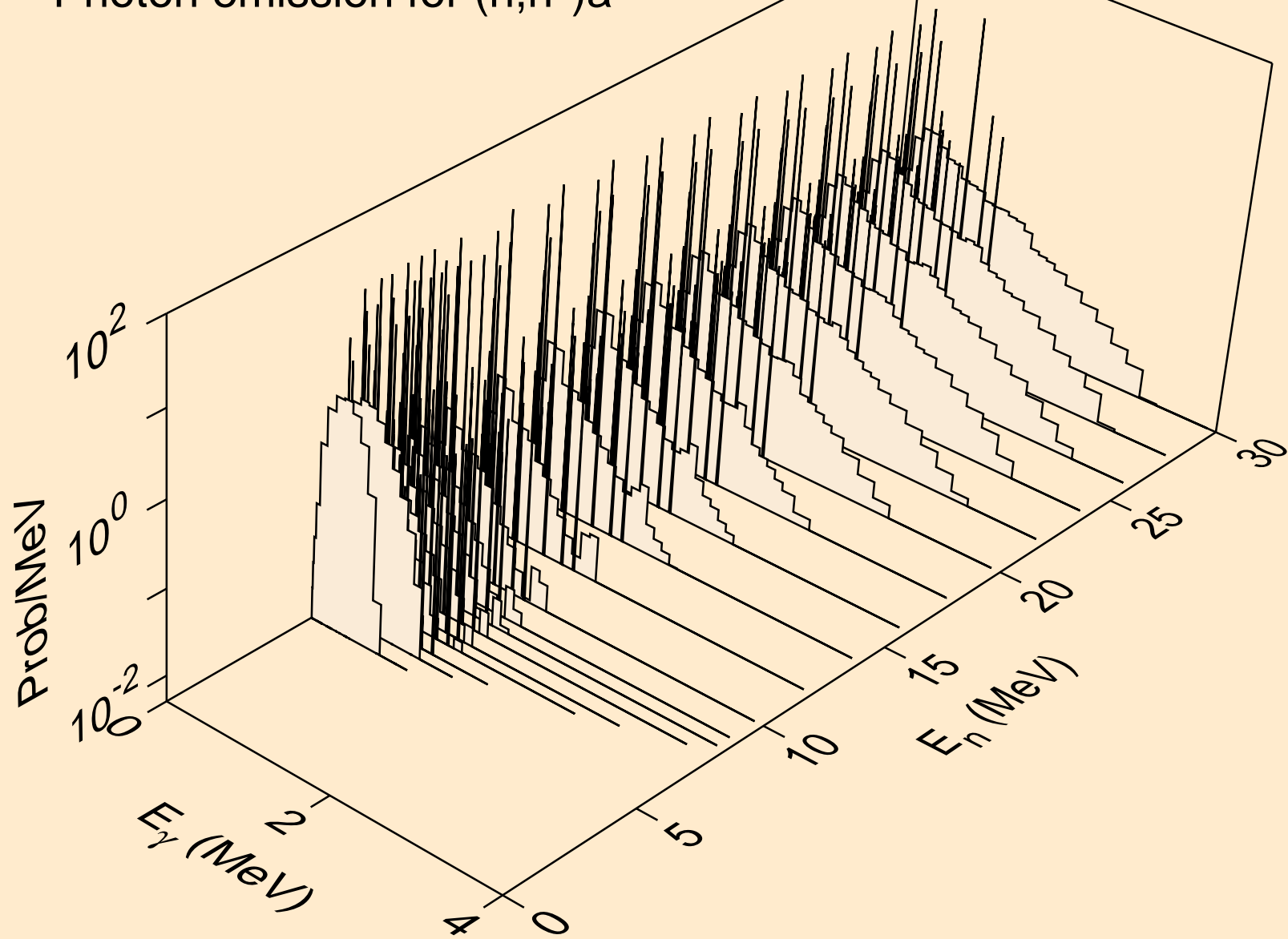
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



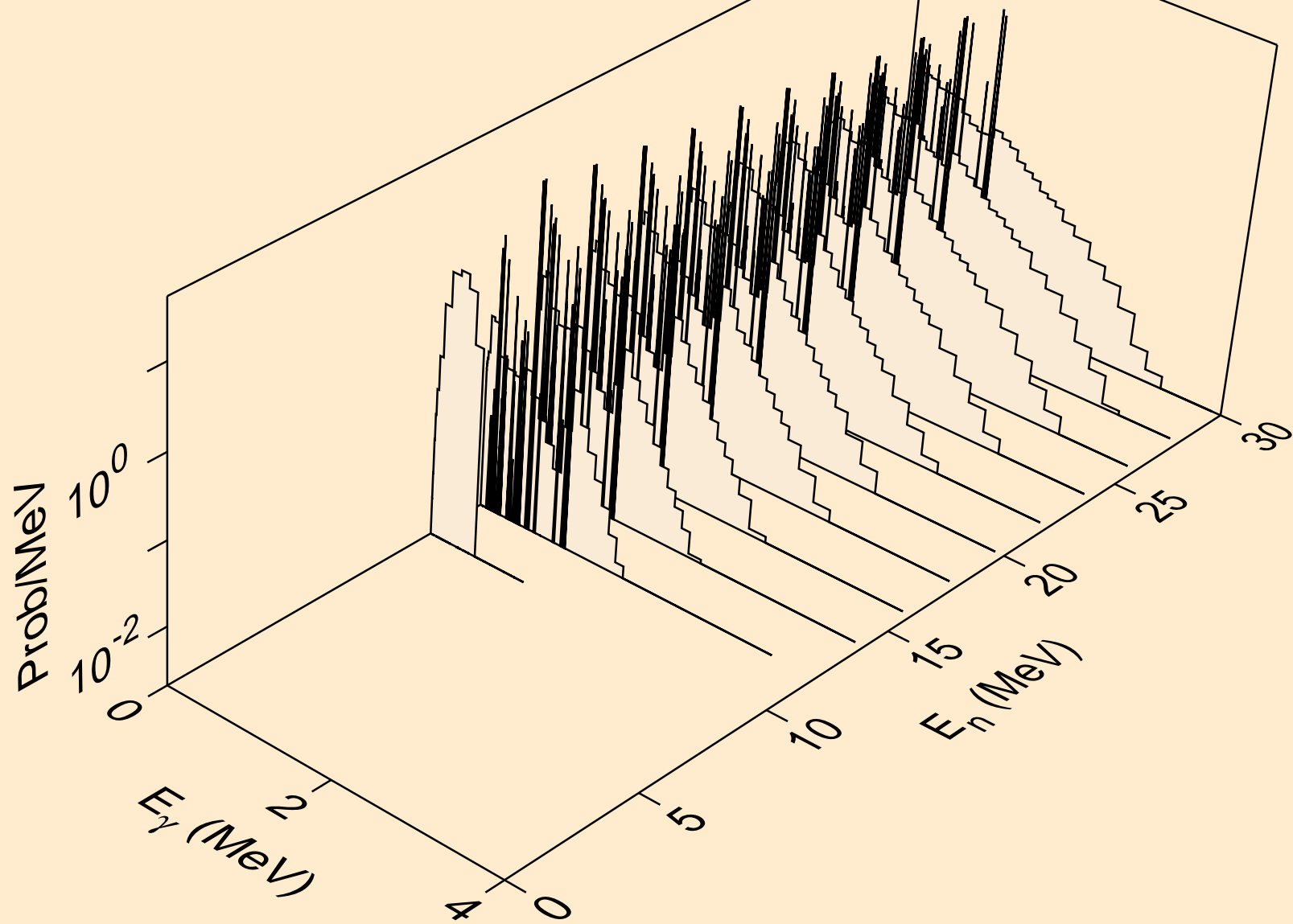
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



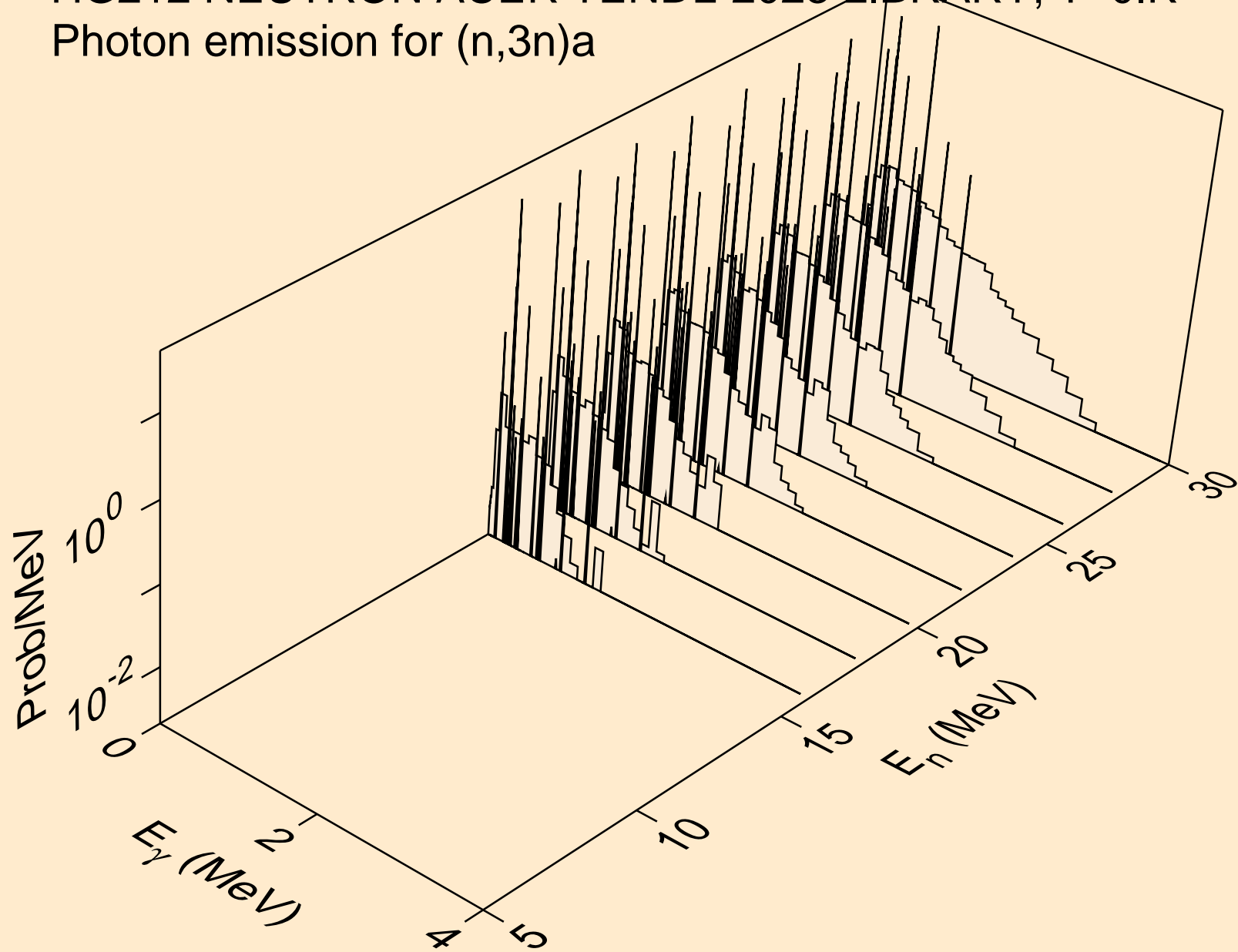
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



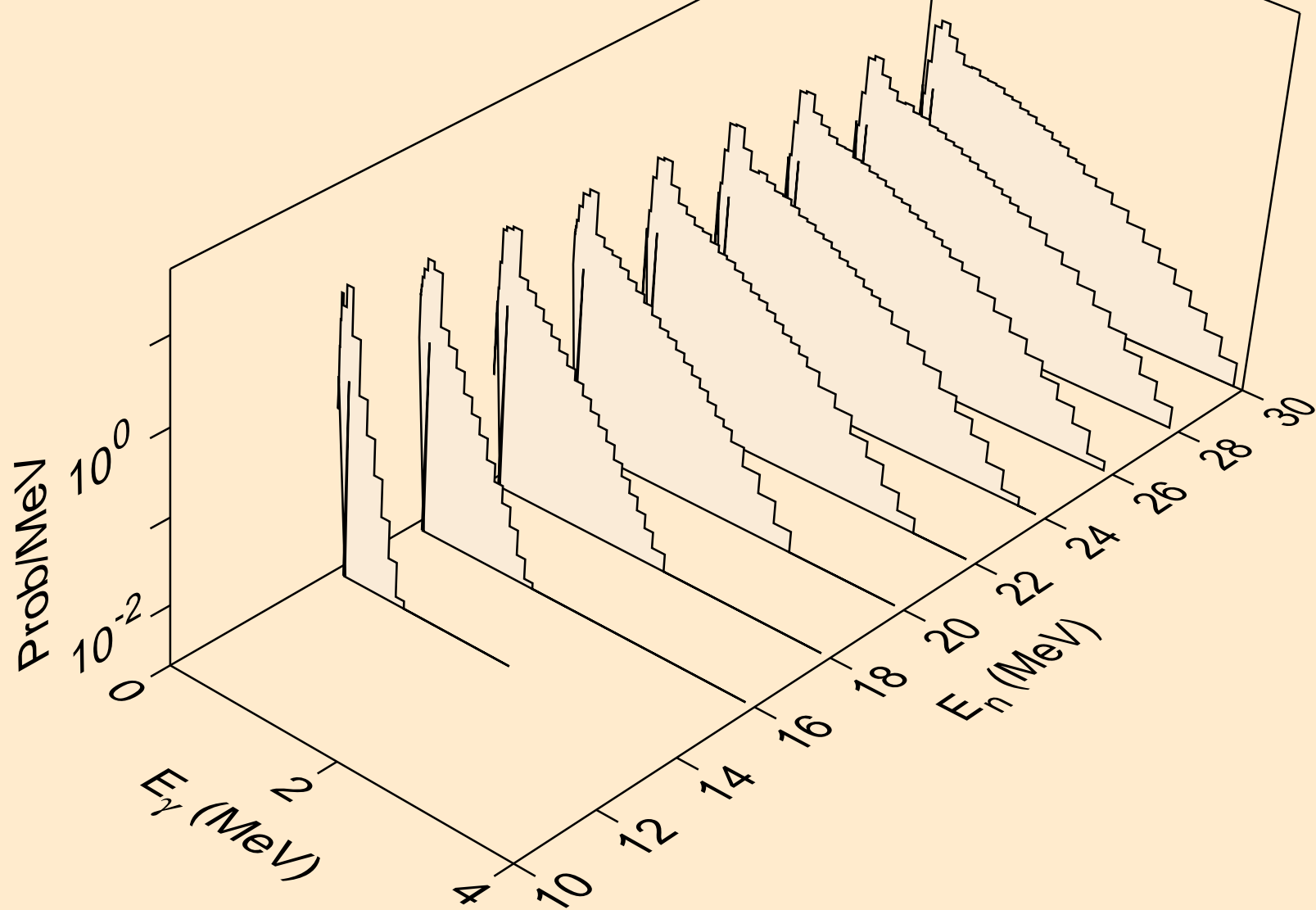
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

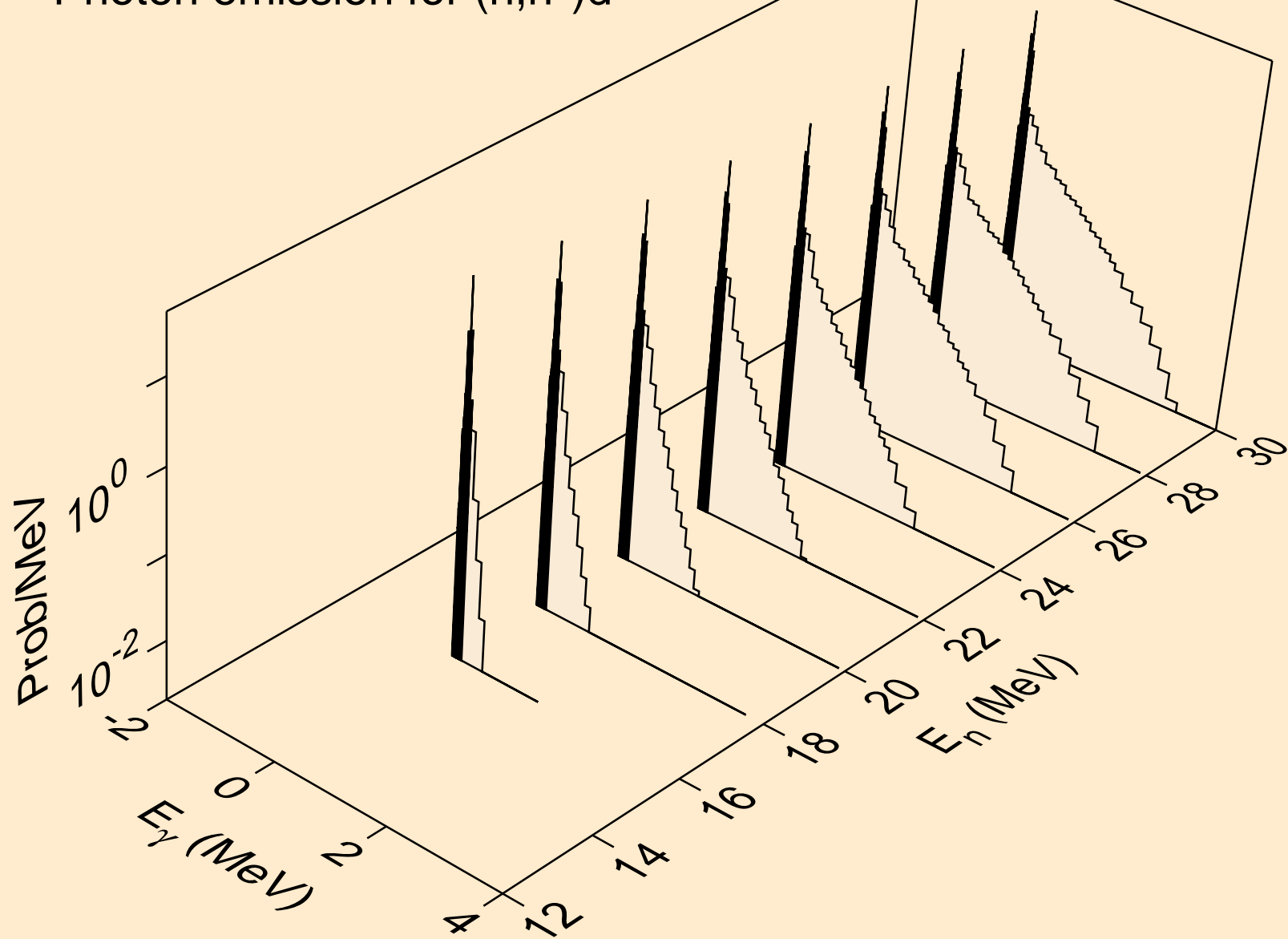


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

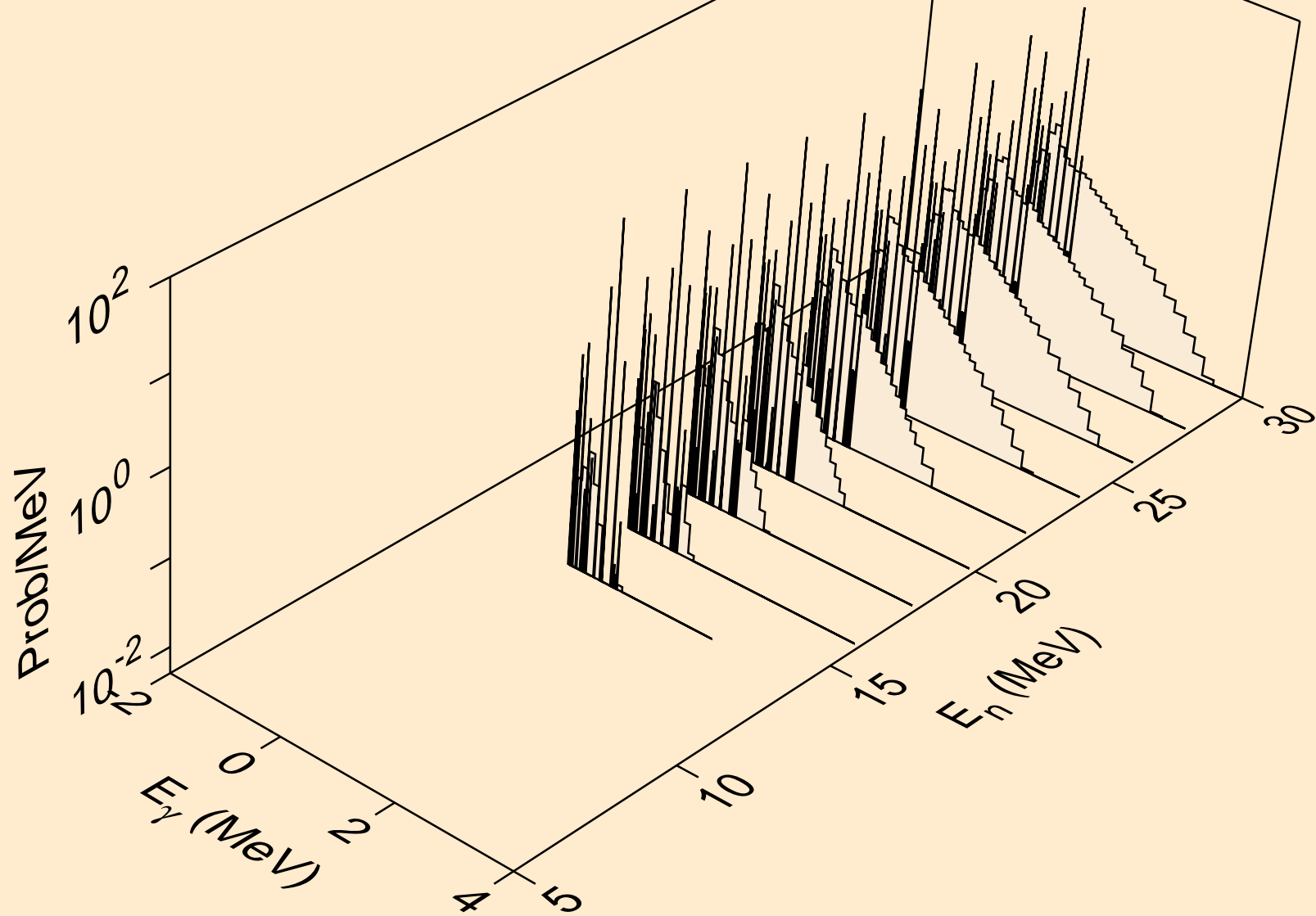




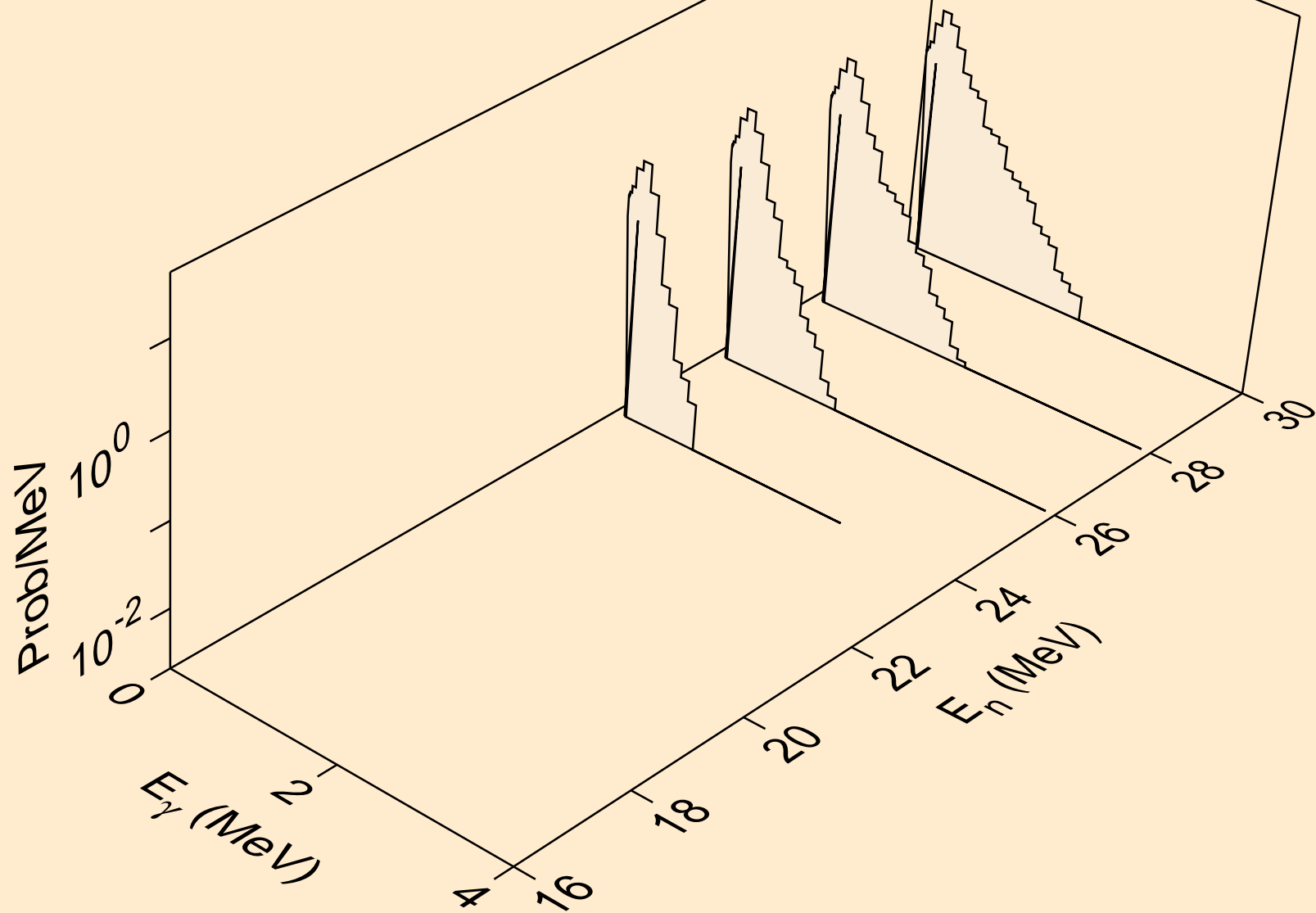
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



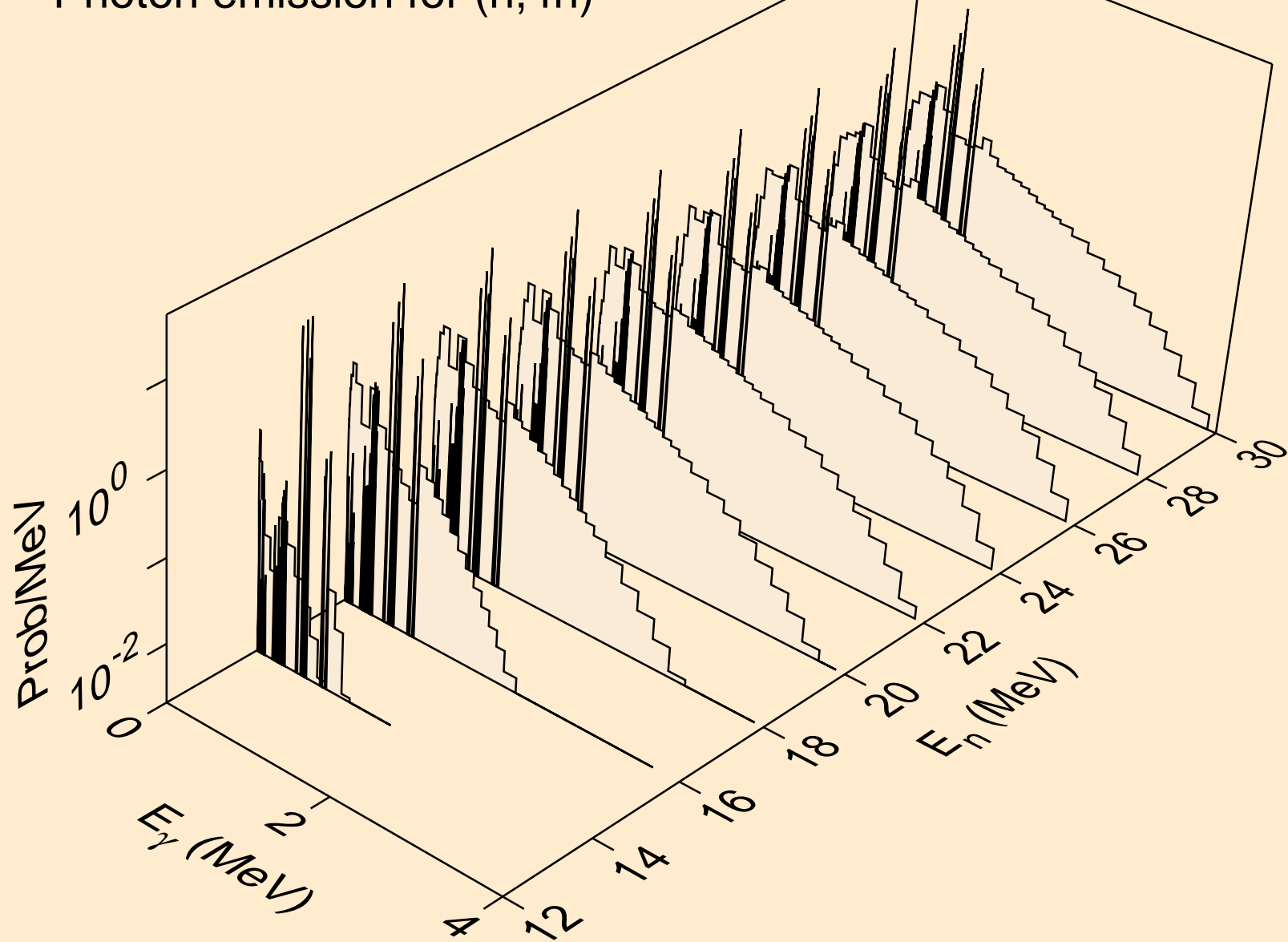
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



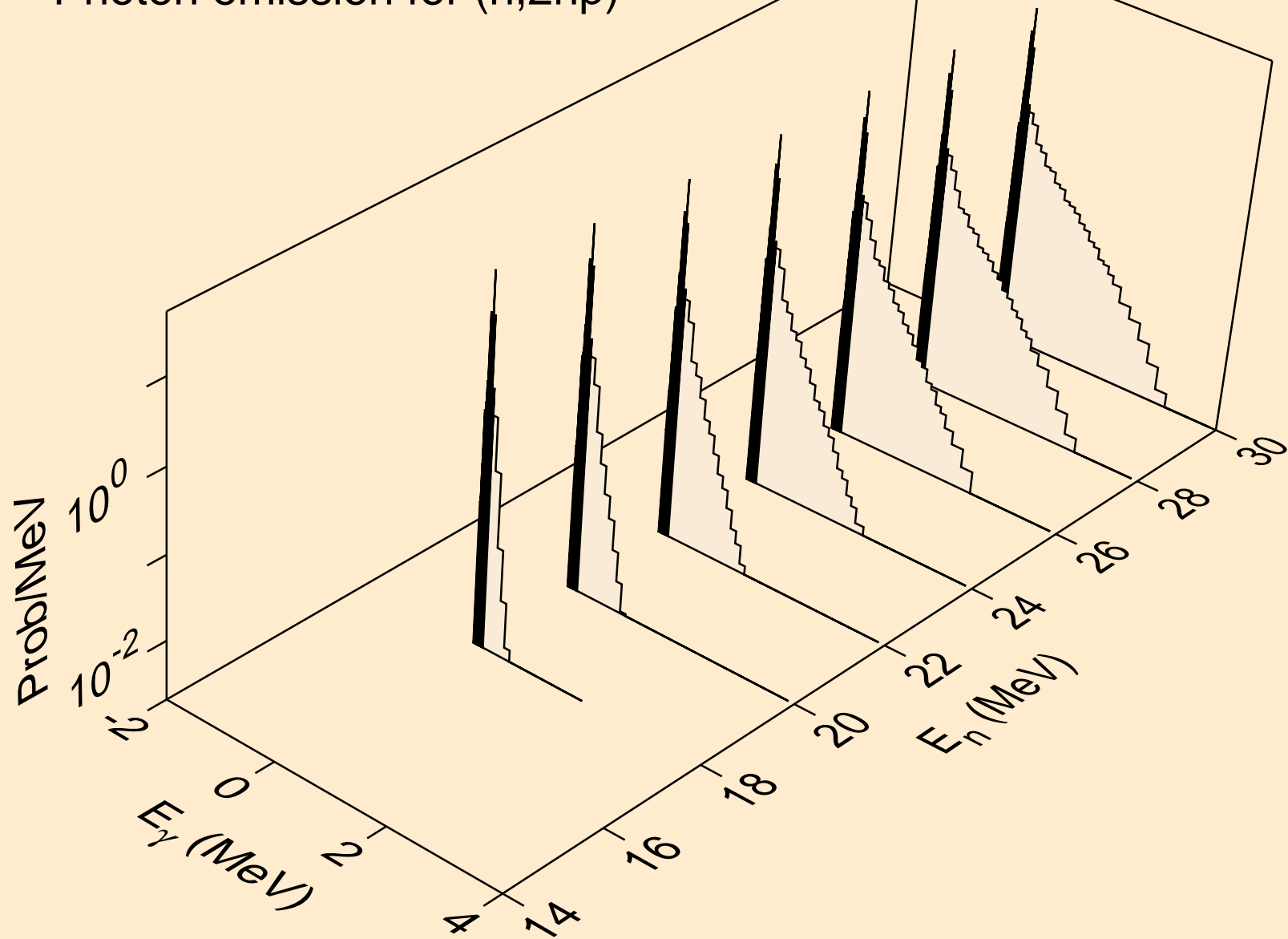
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



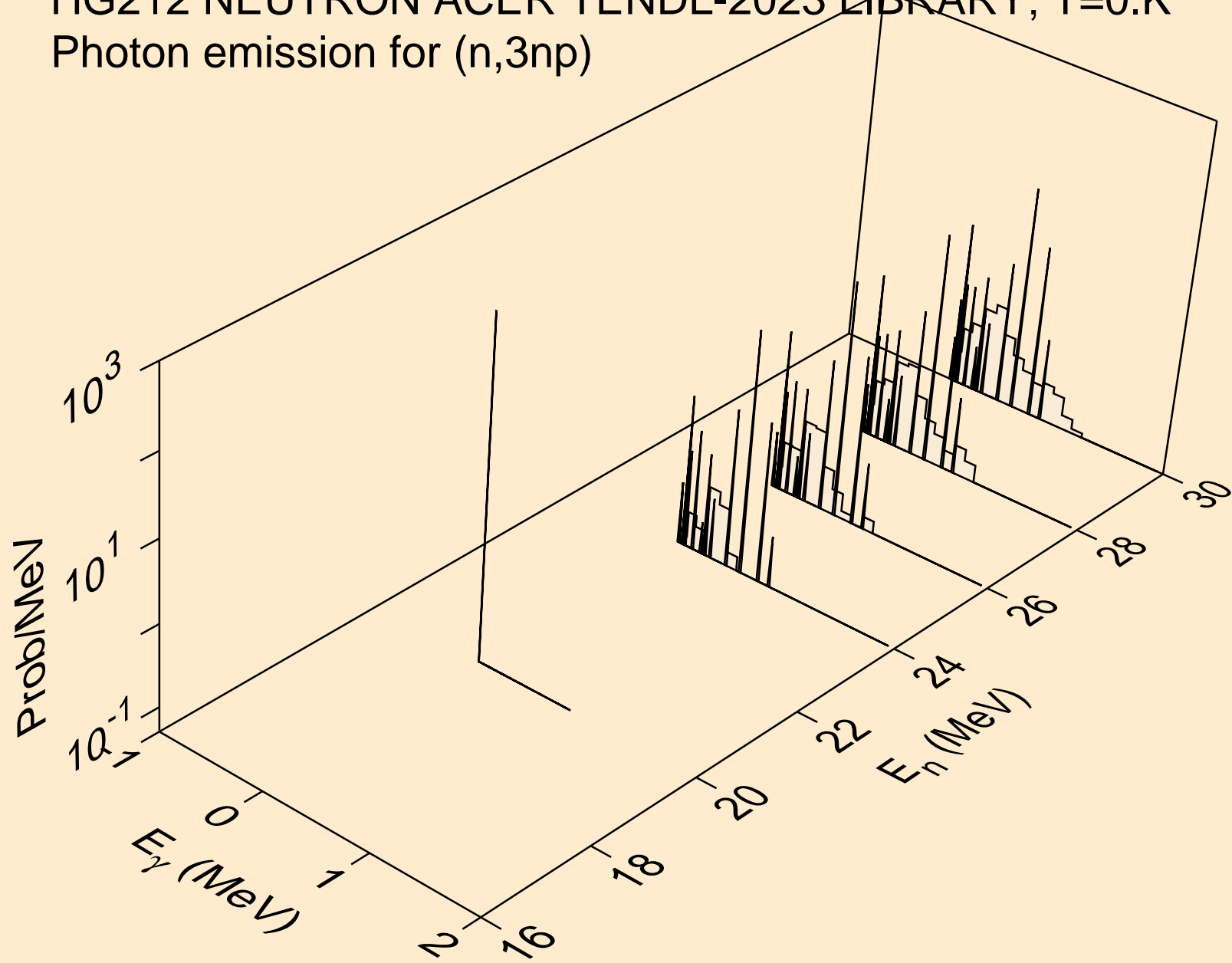
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



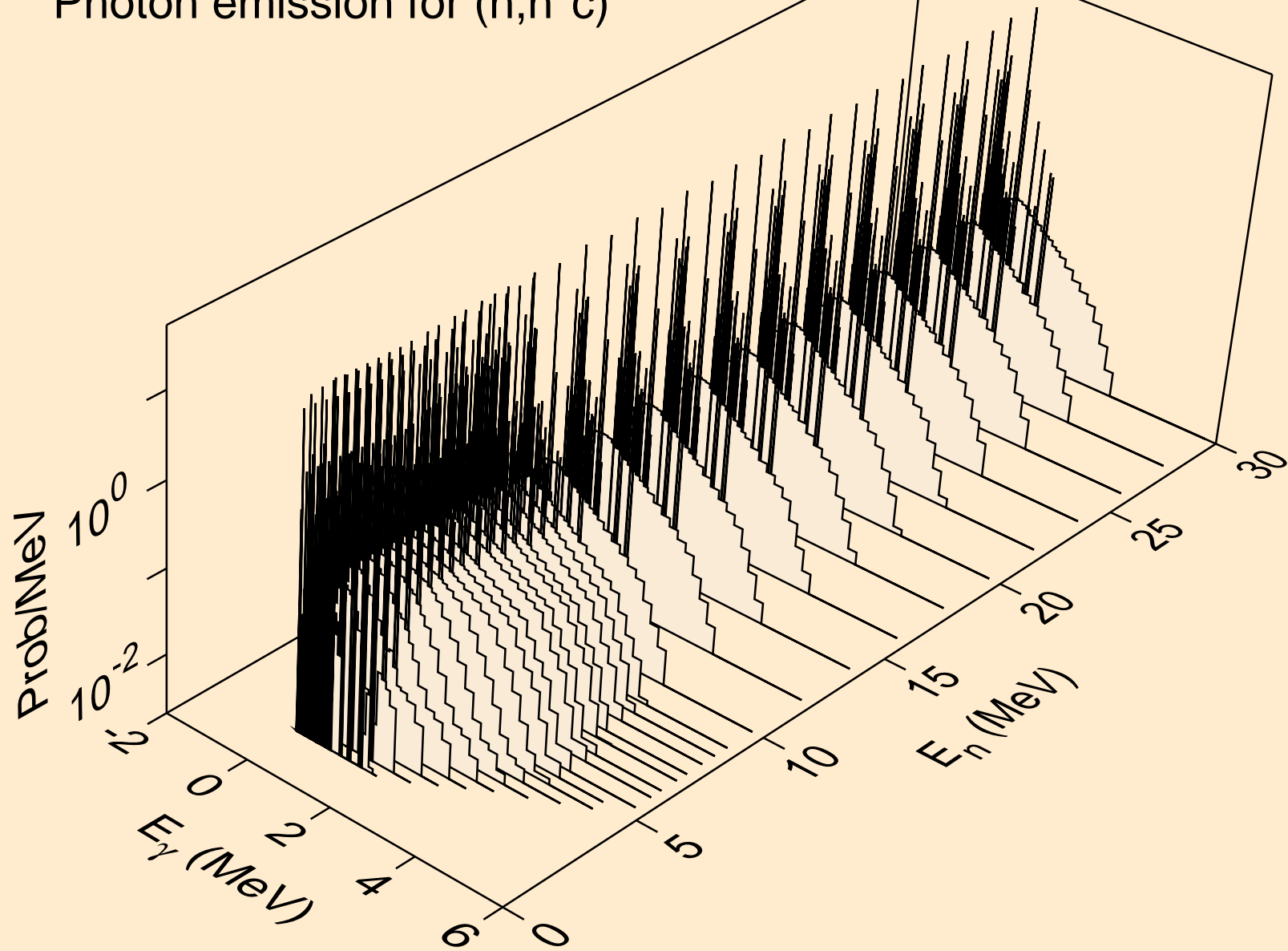
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



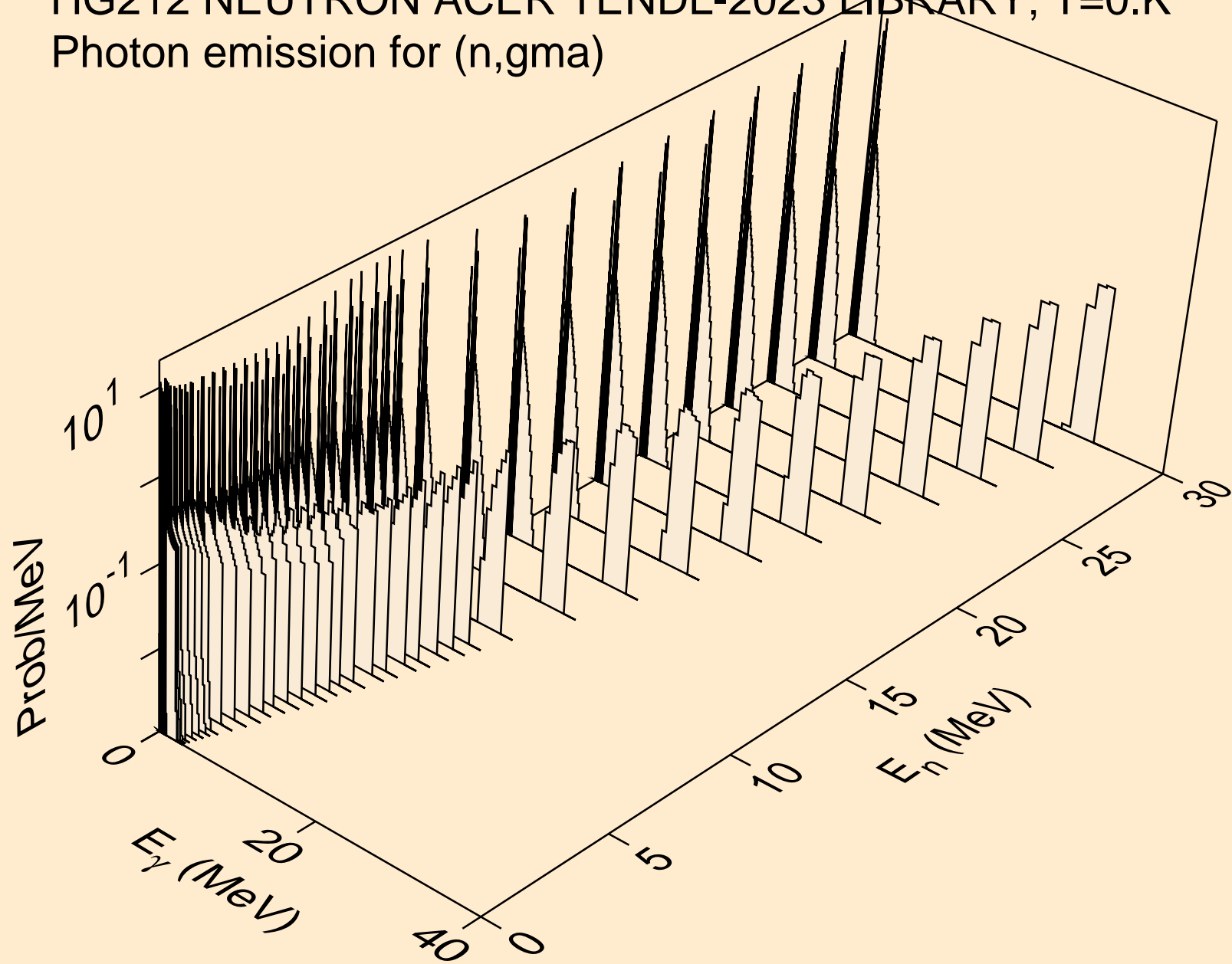
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

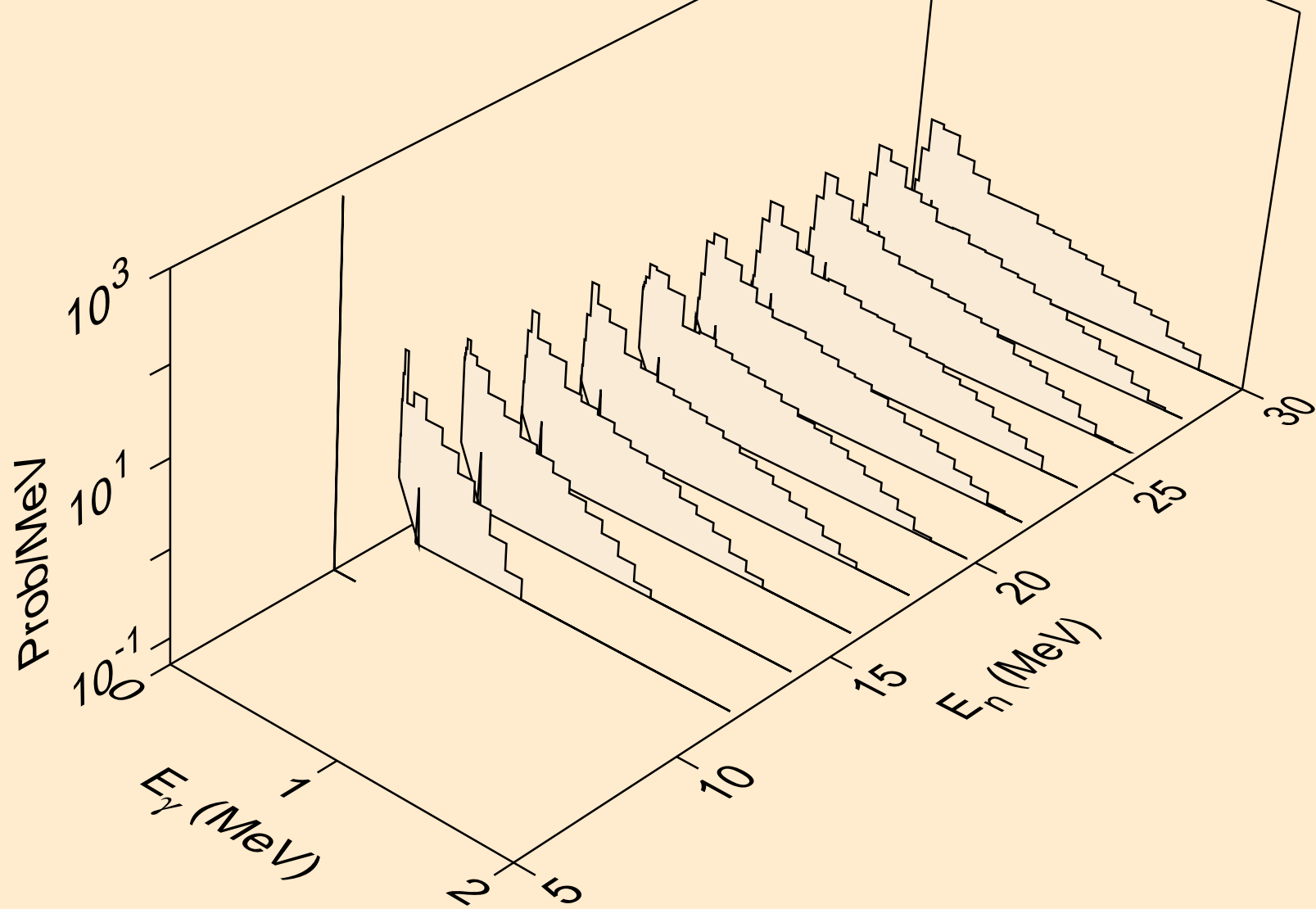


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

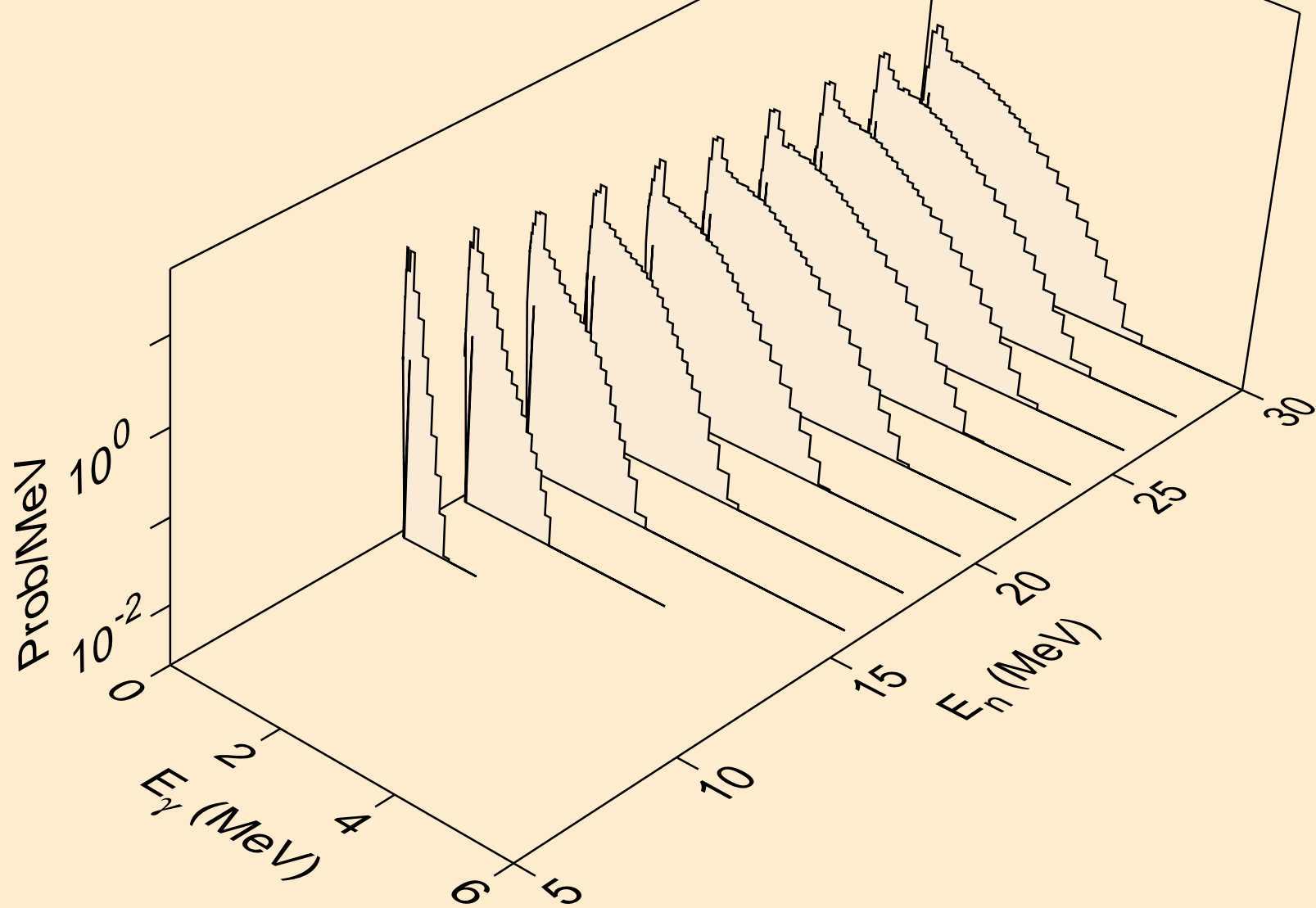




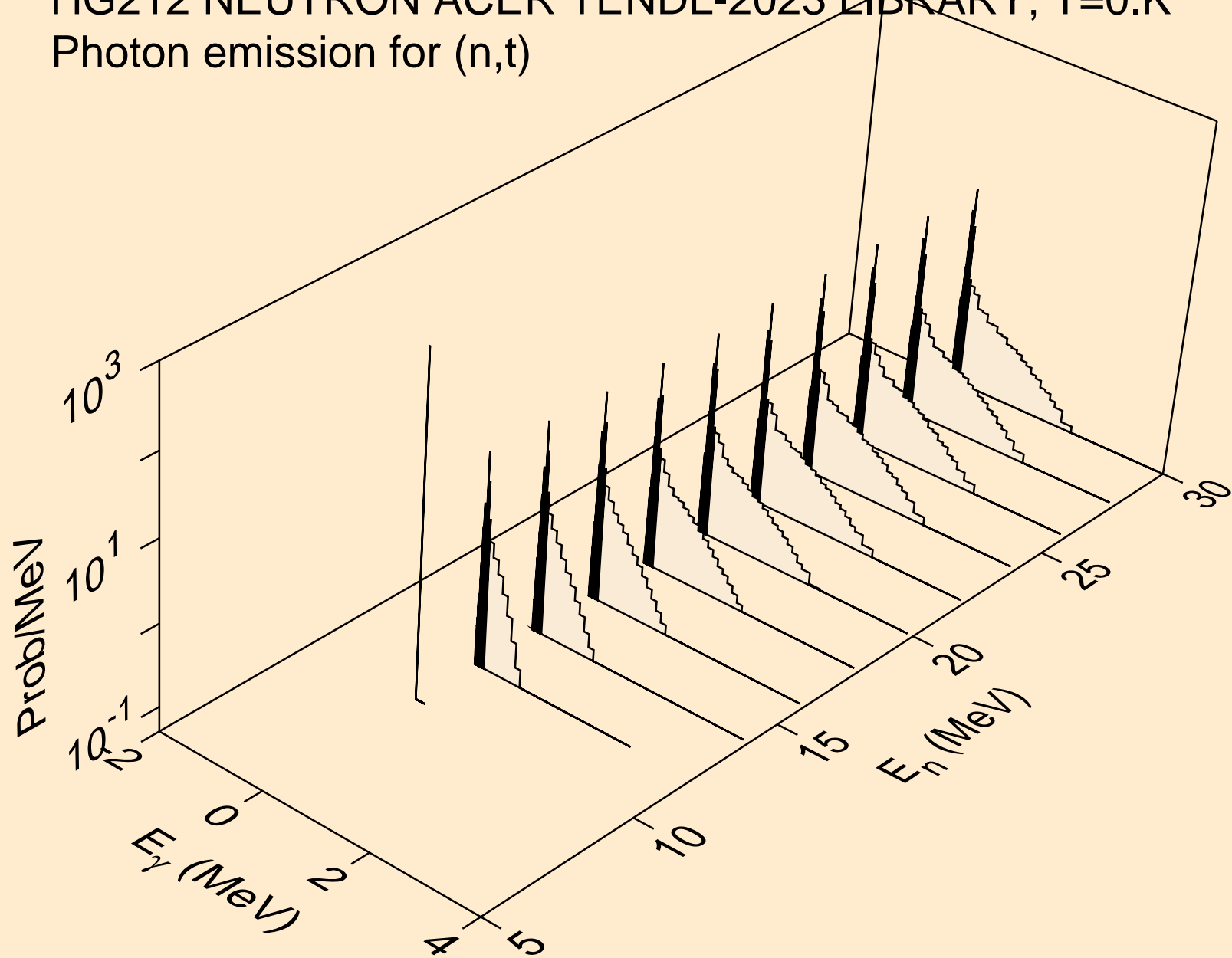
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



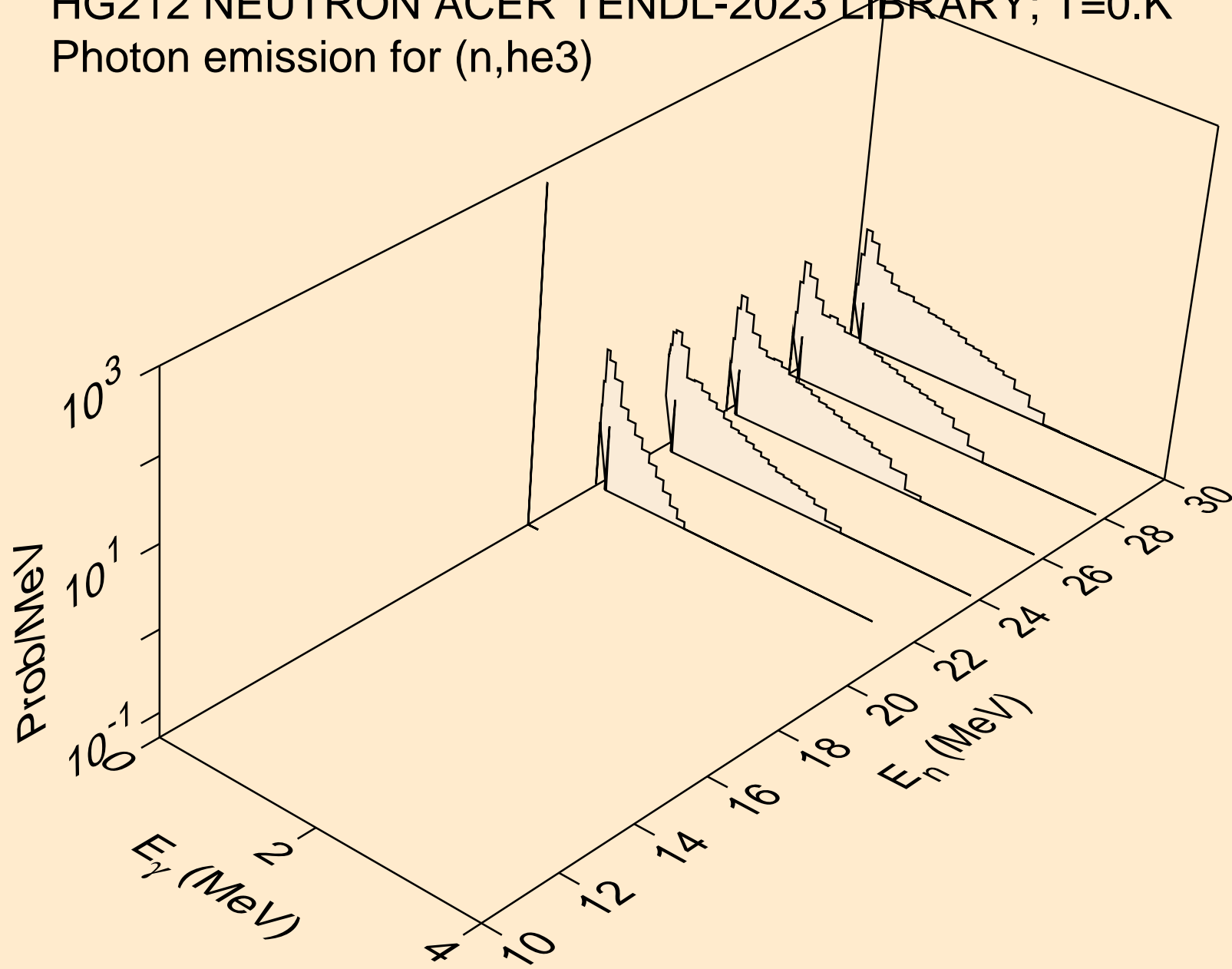
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



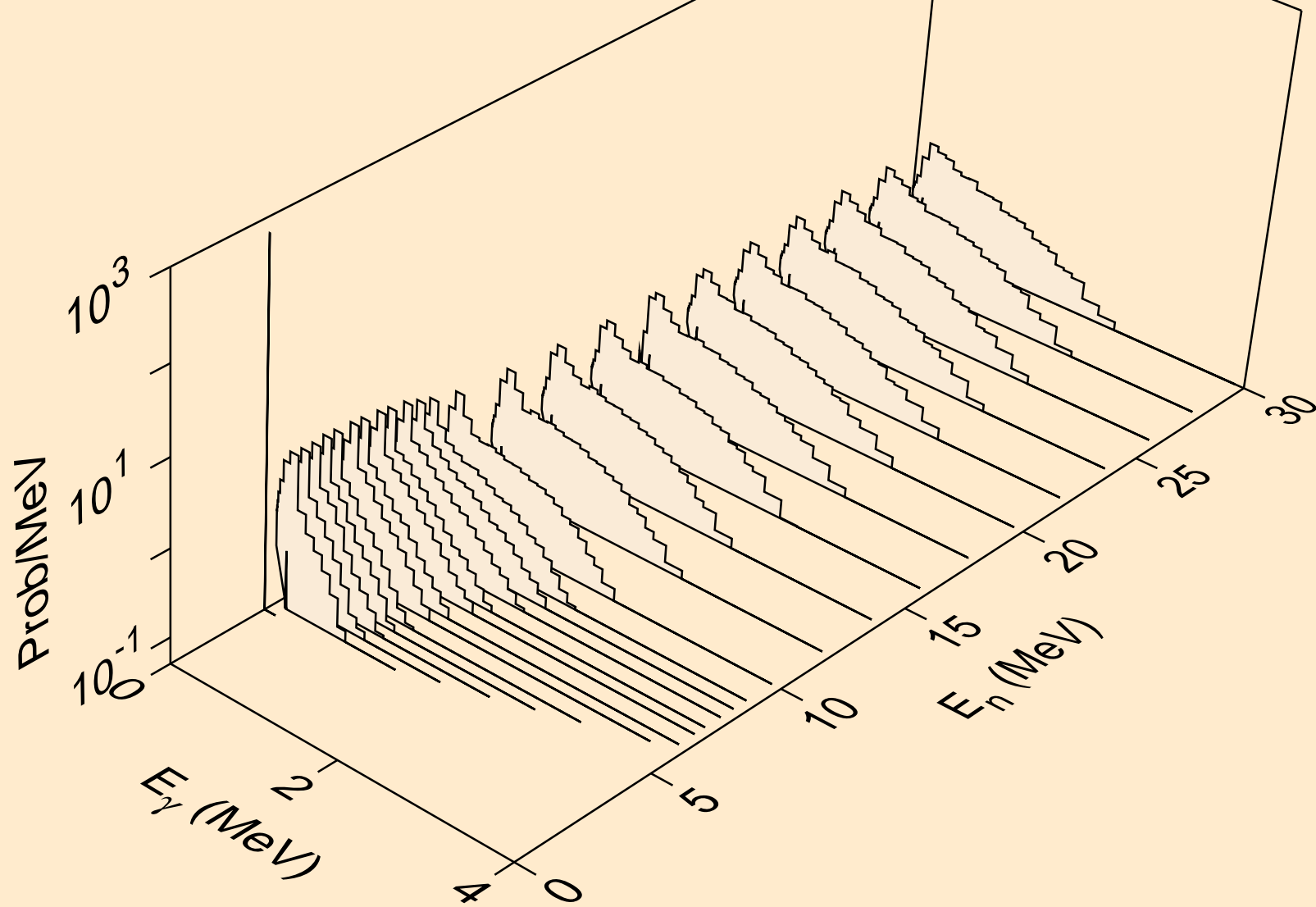
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



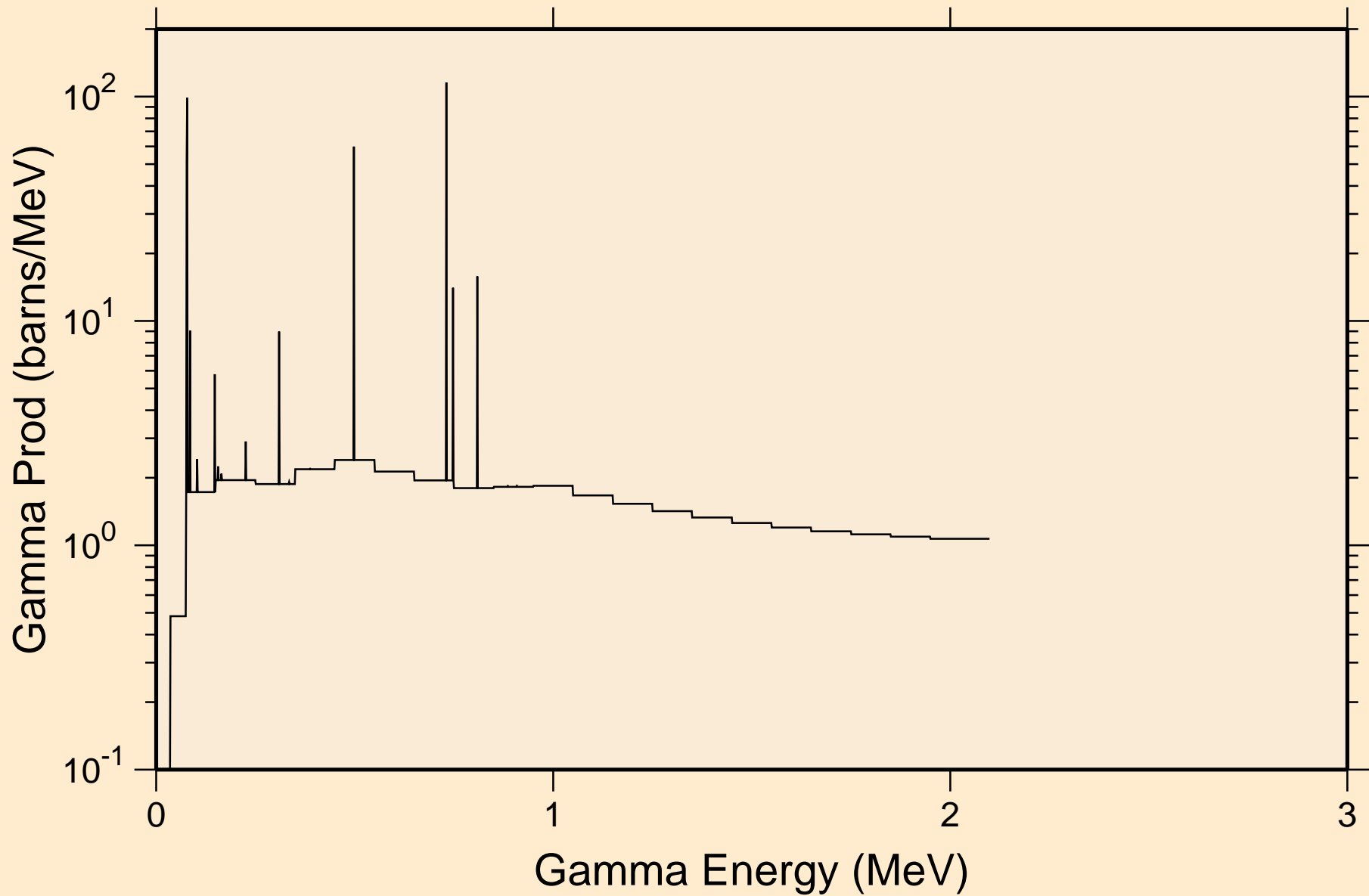
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



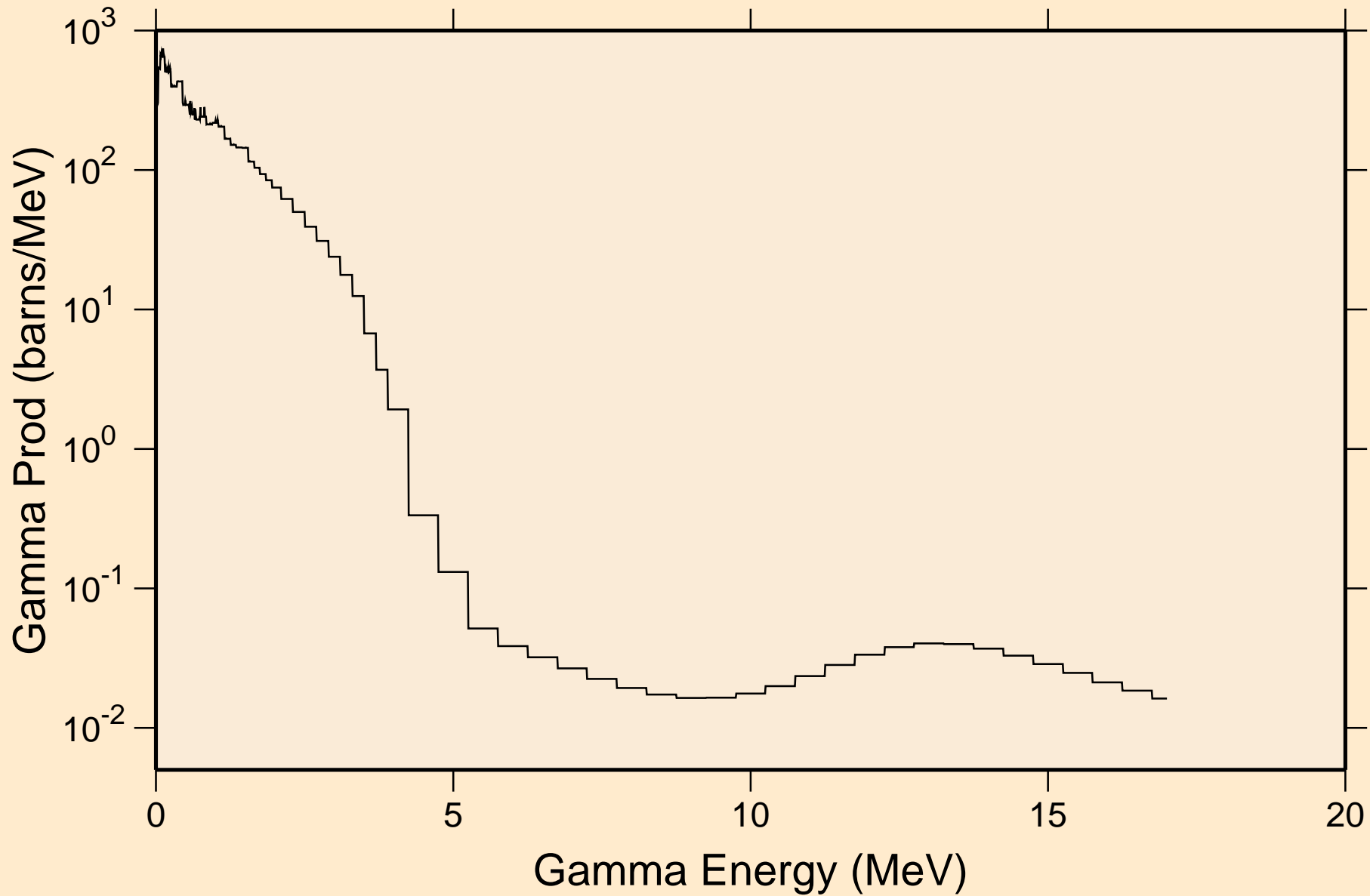
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

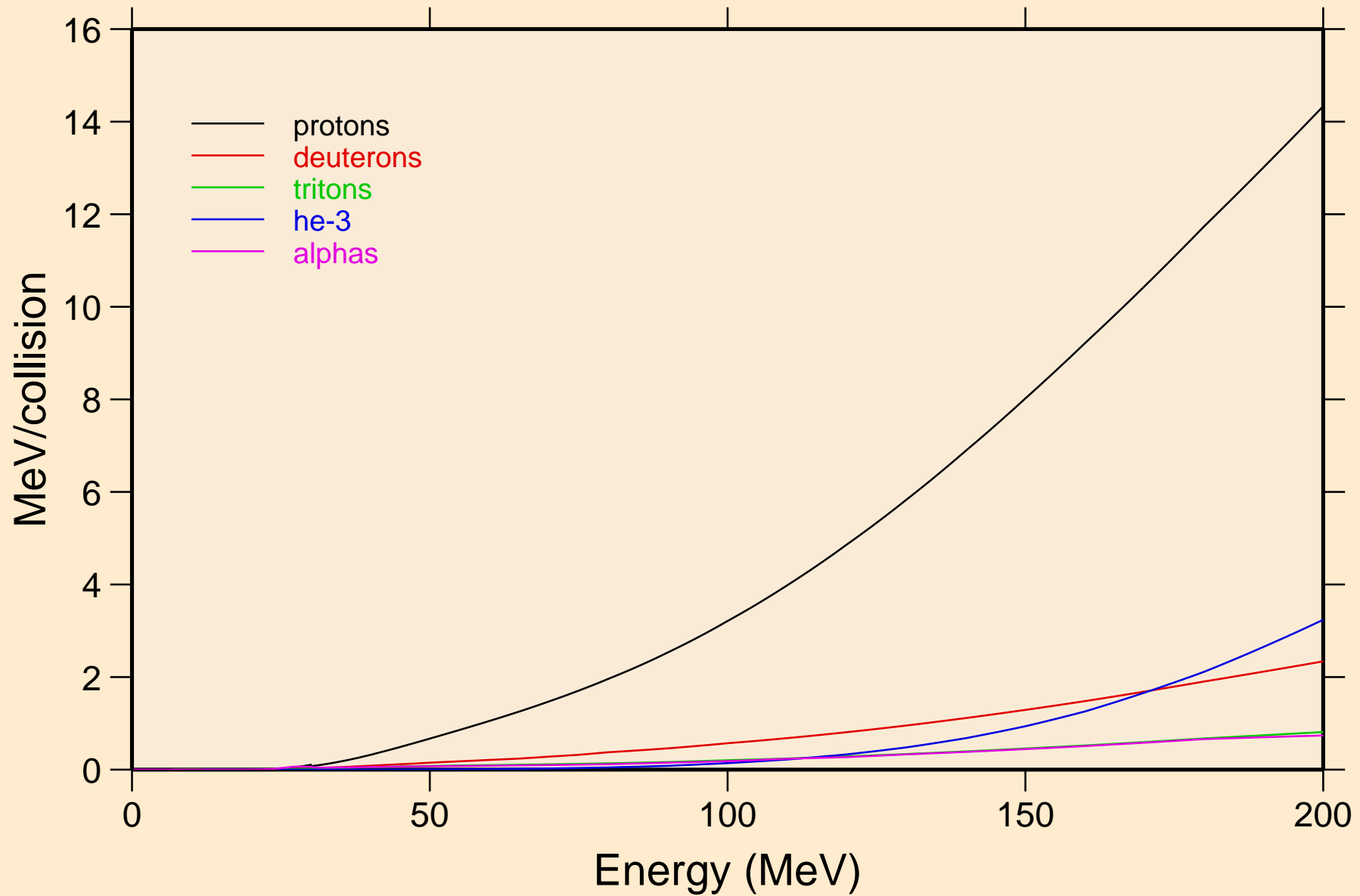


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

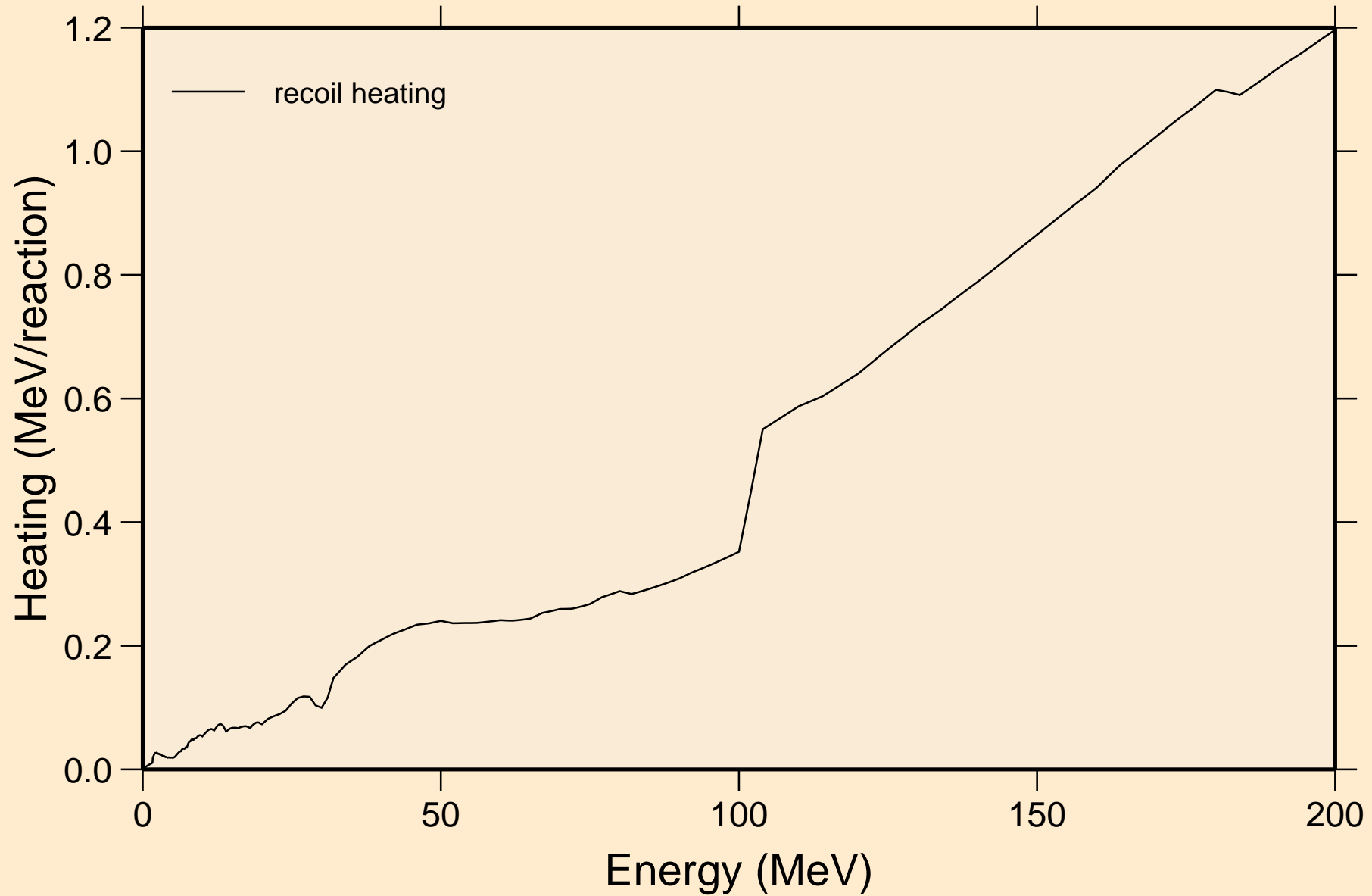
## Particle heating contributions





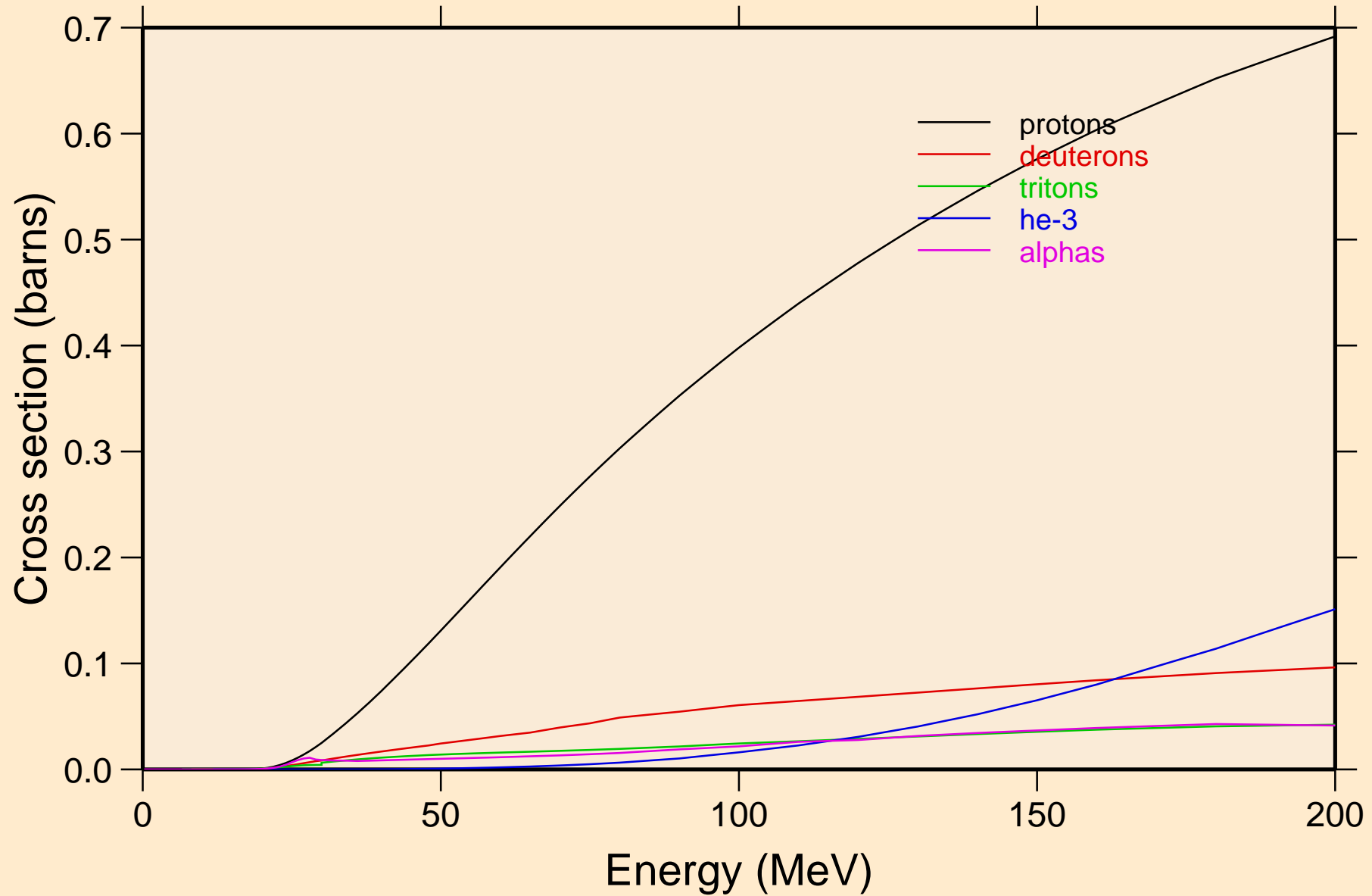
# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

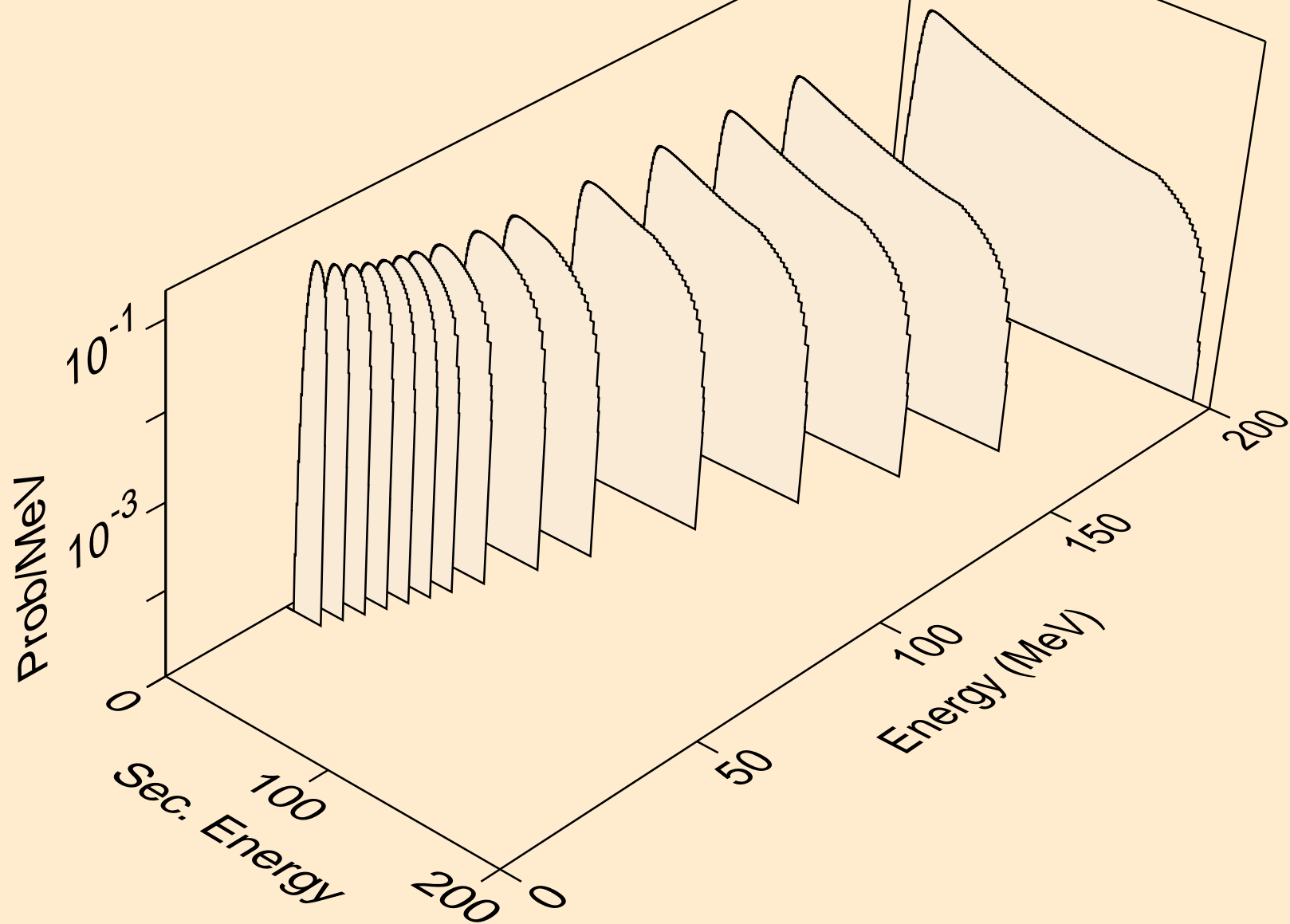


# HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

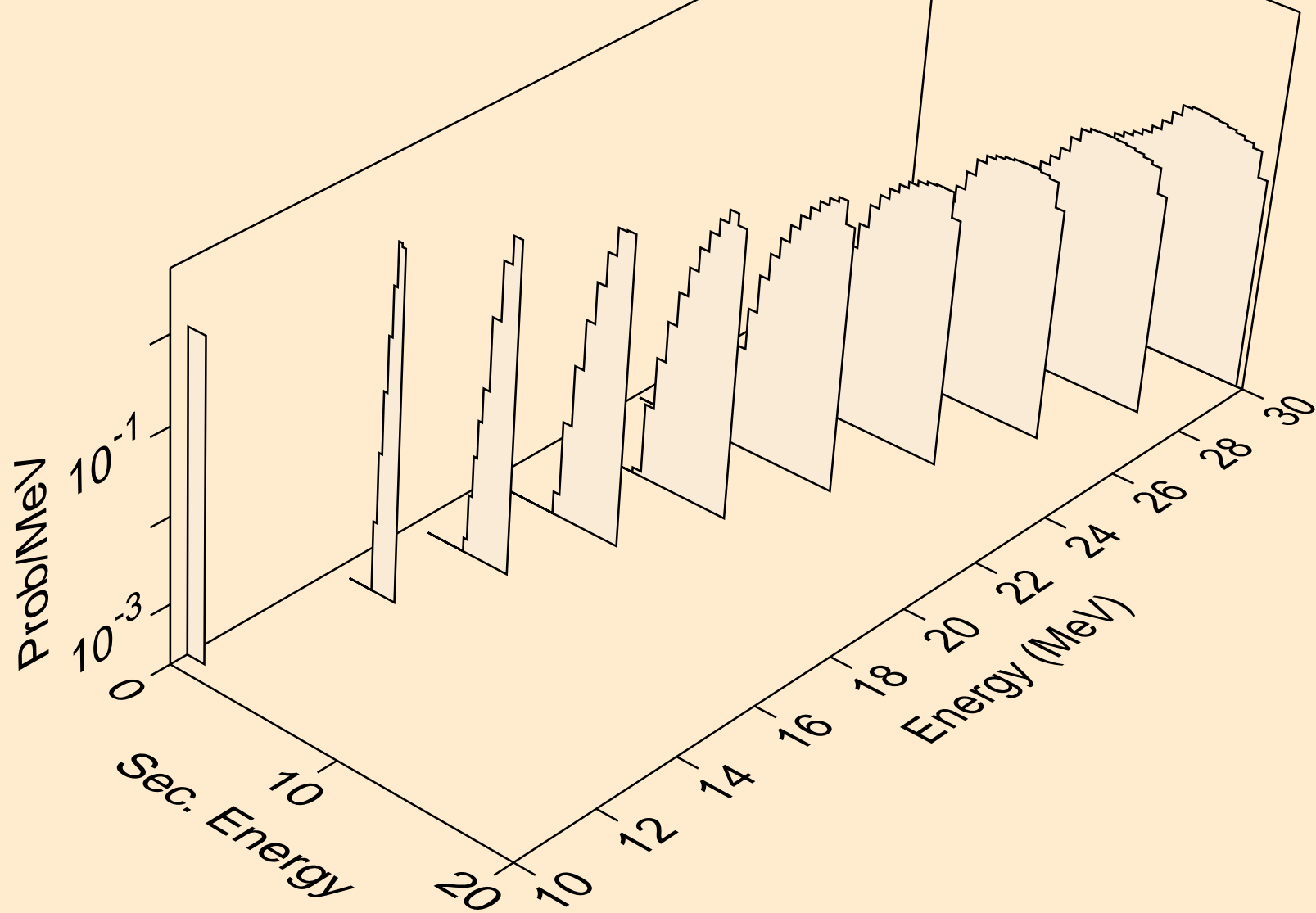
## Particle production cross sections



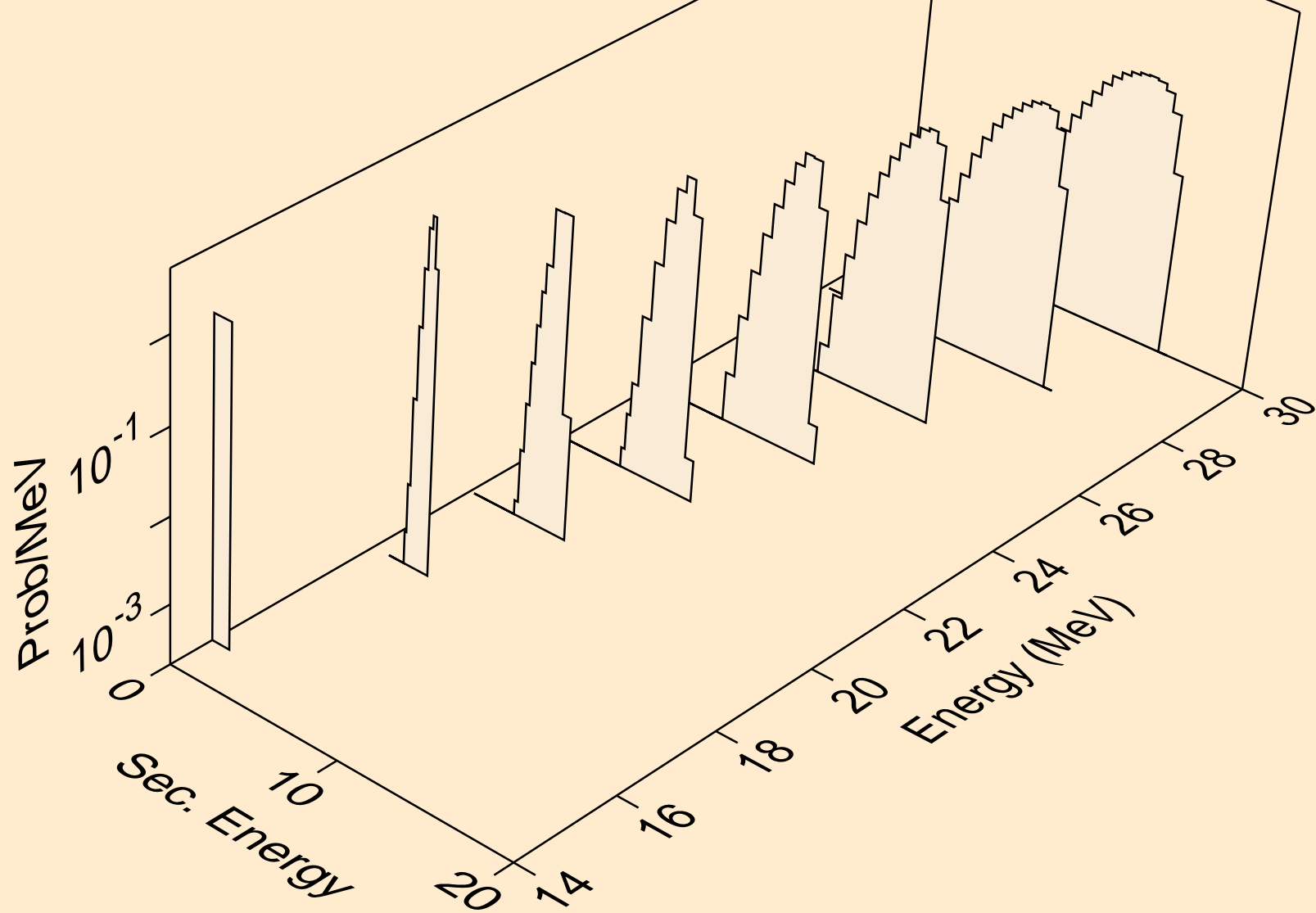
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



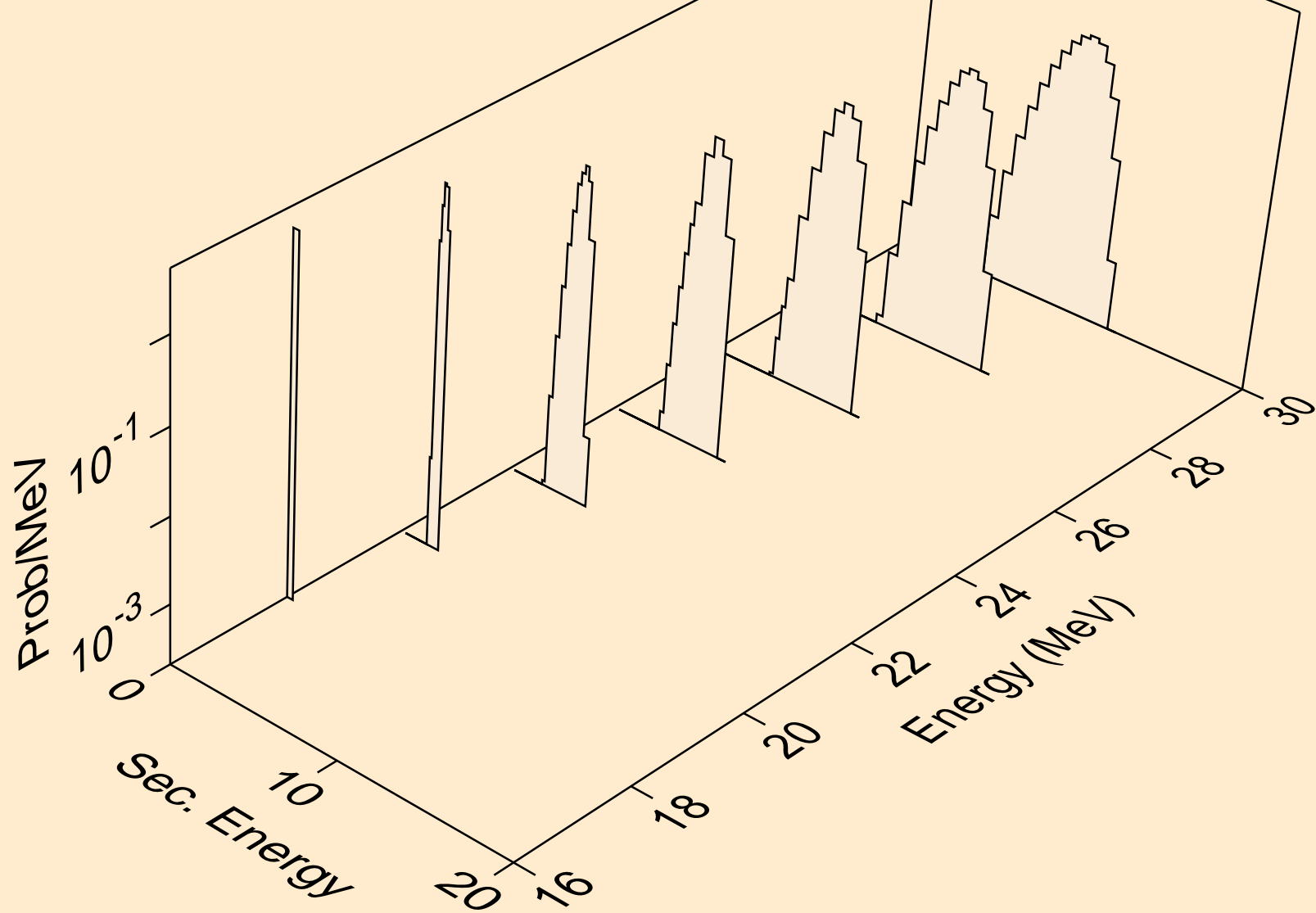
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



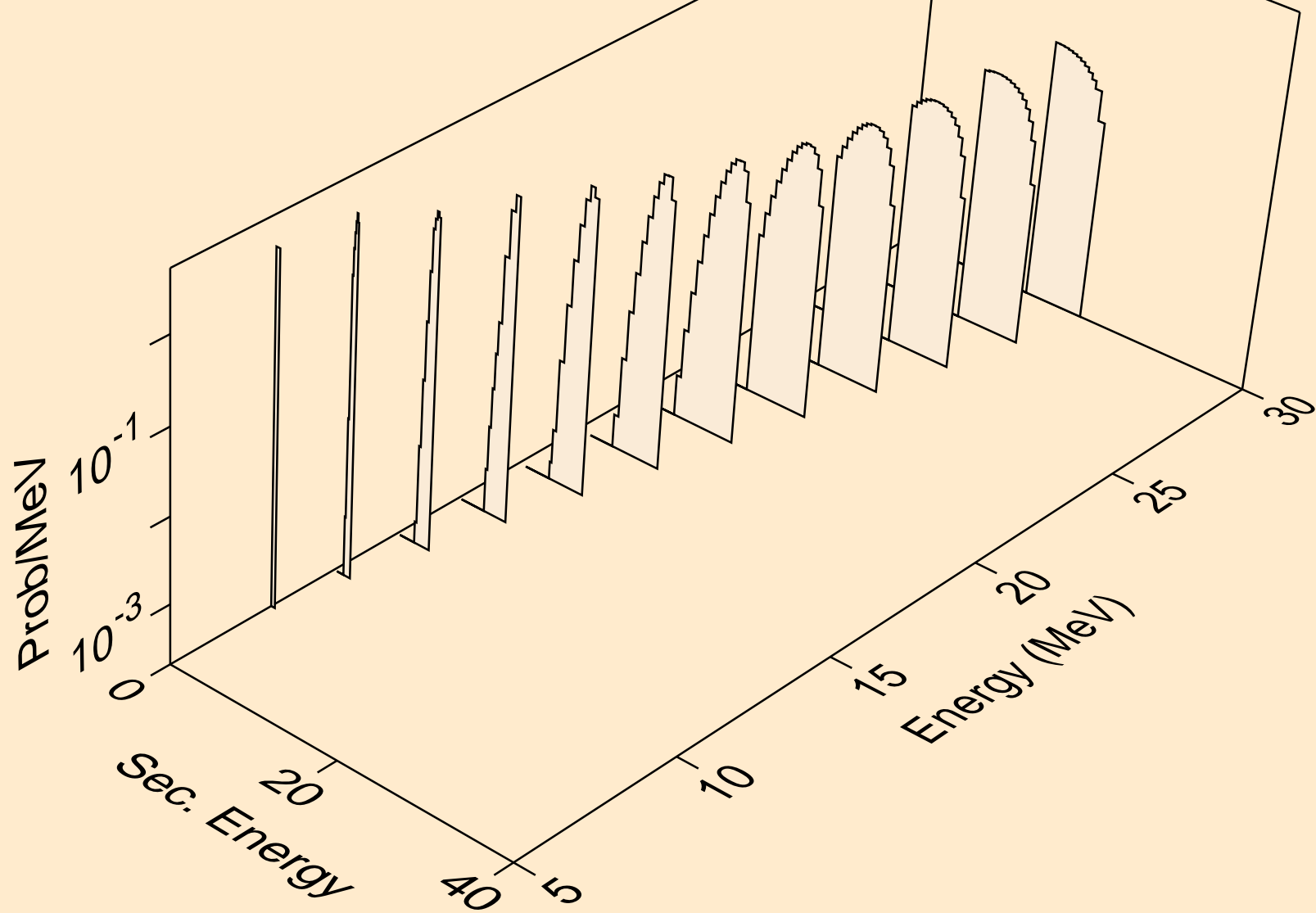
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



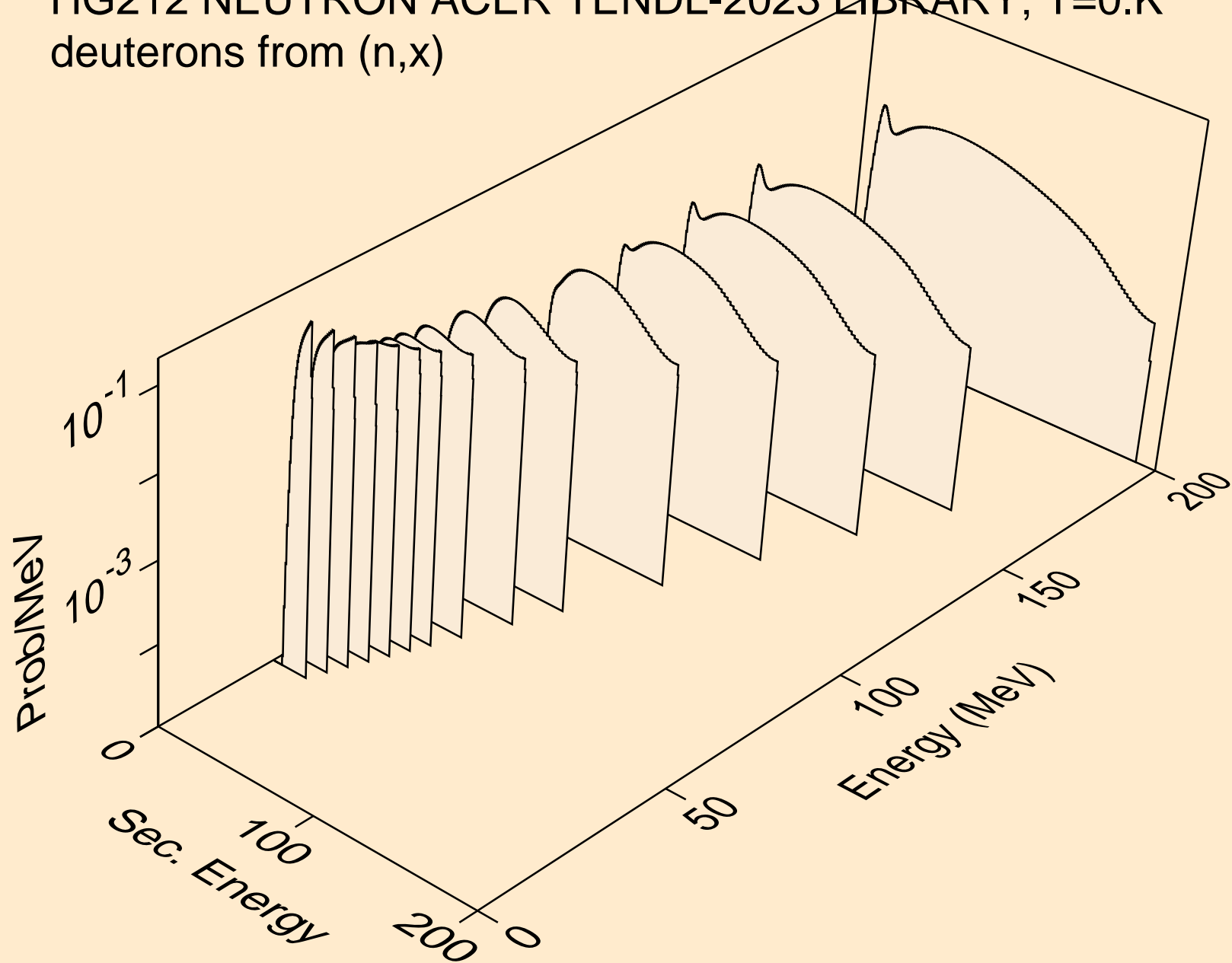
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

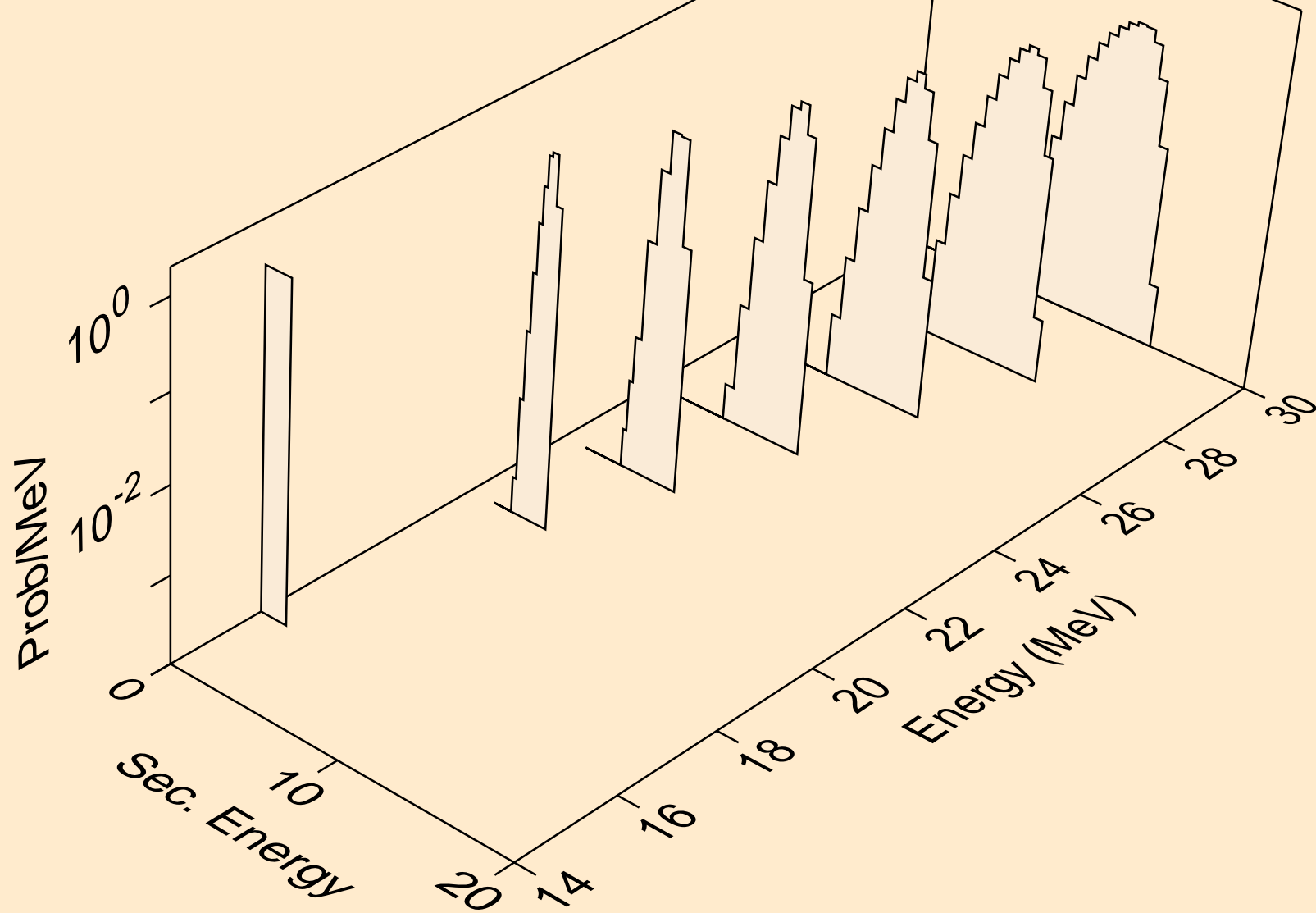


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

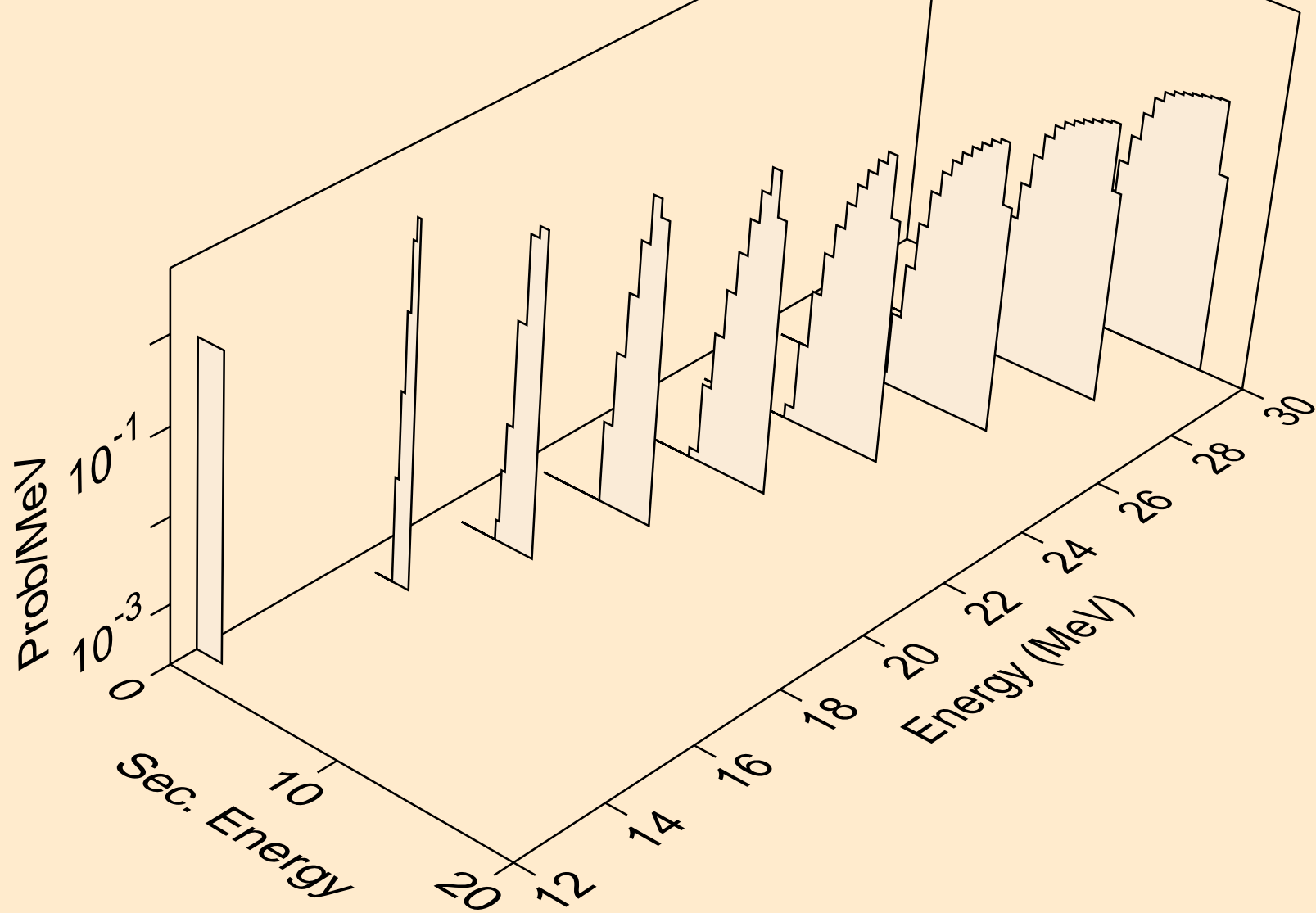




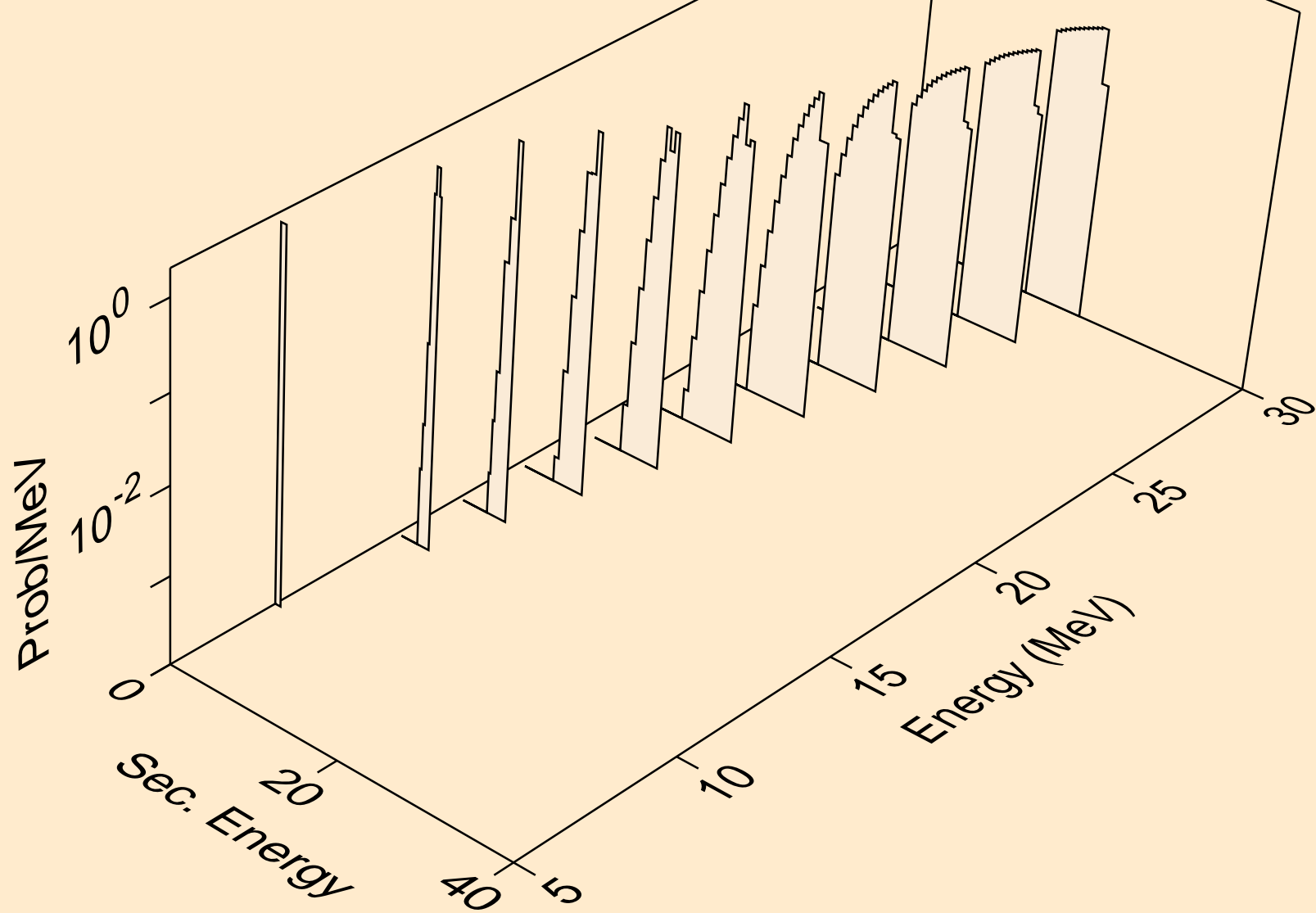
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



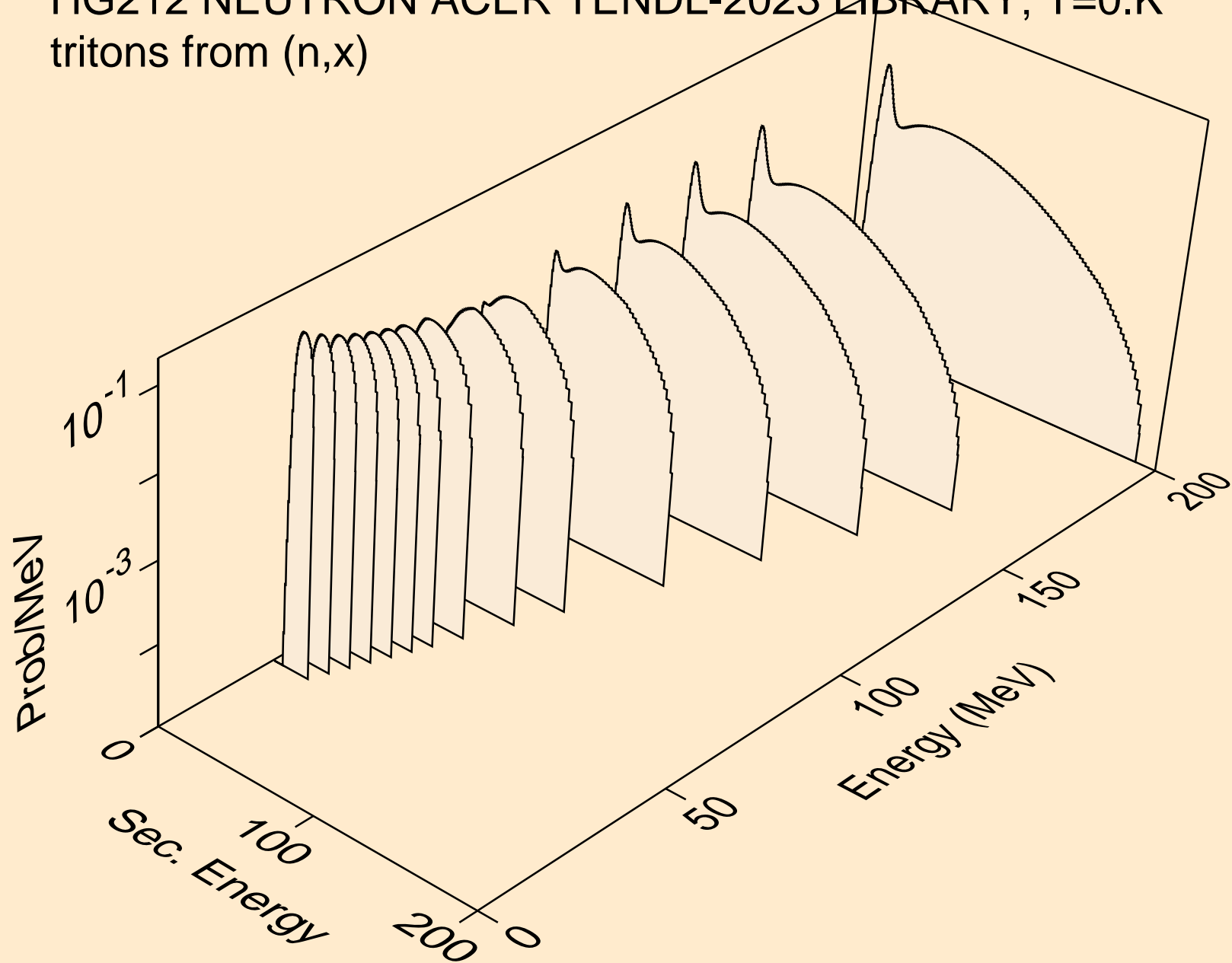
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



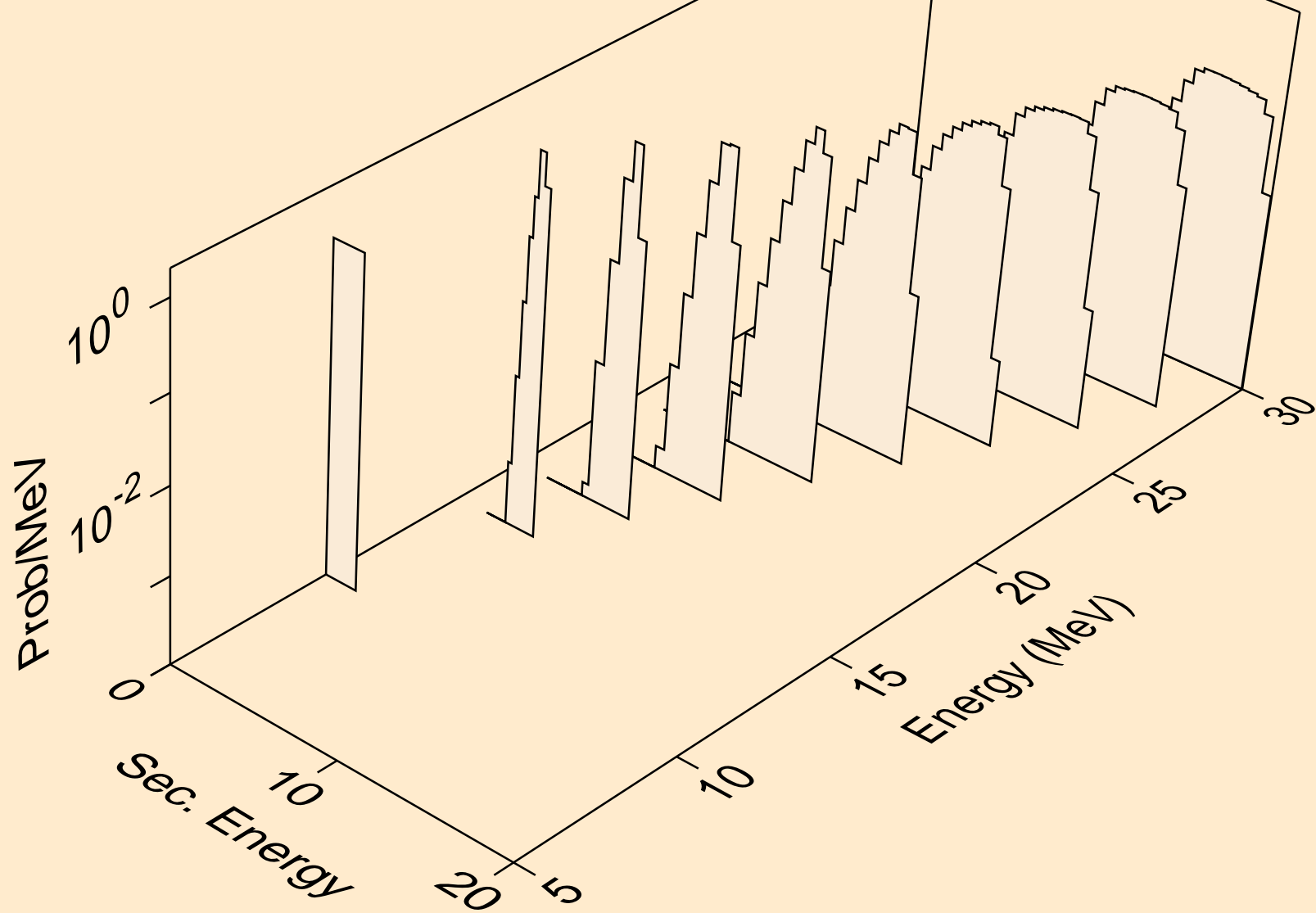
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



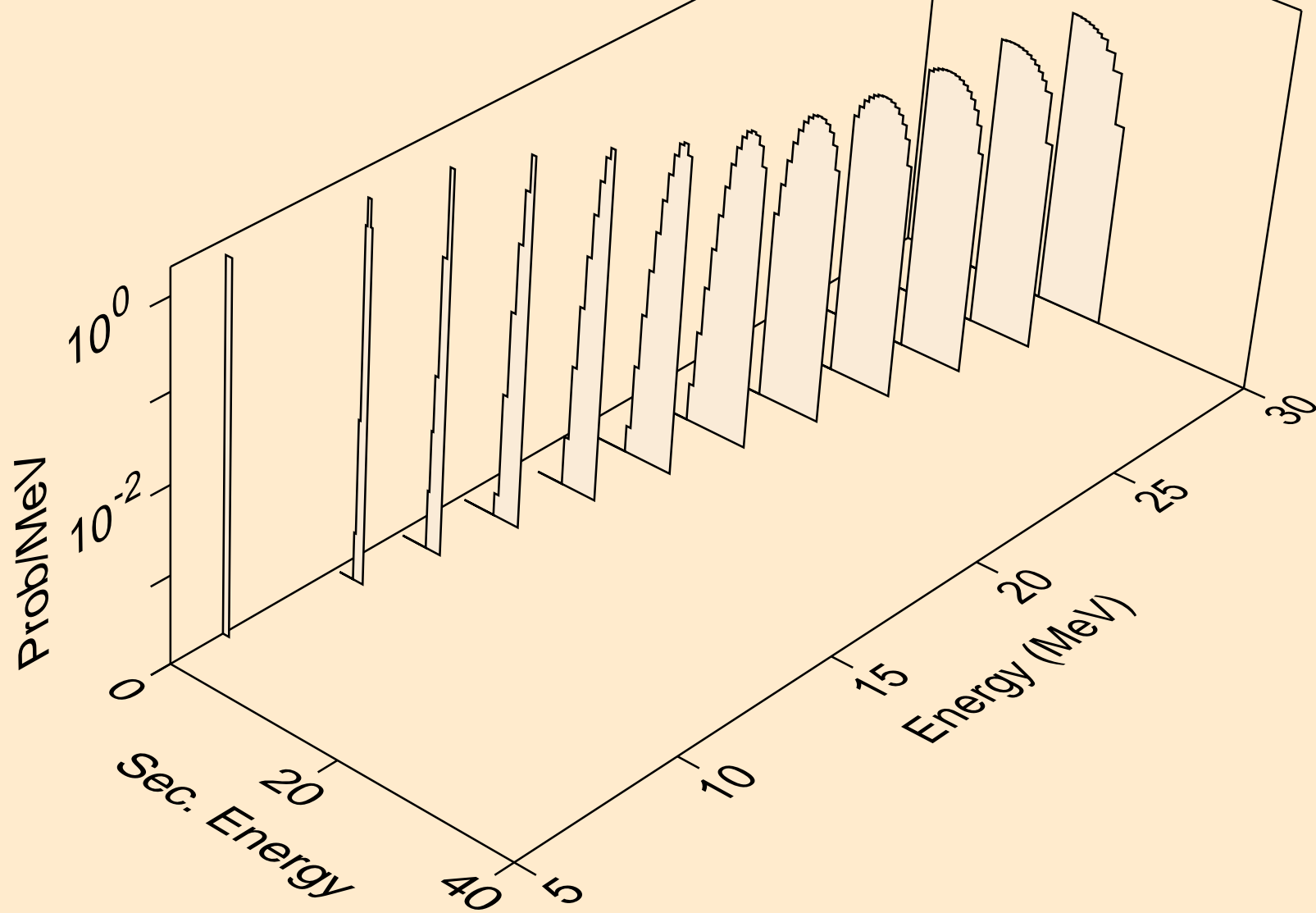
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



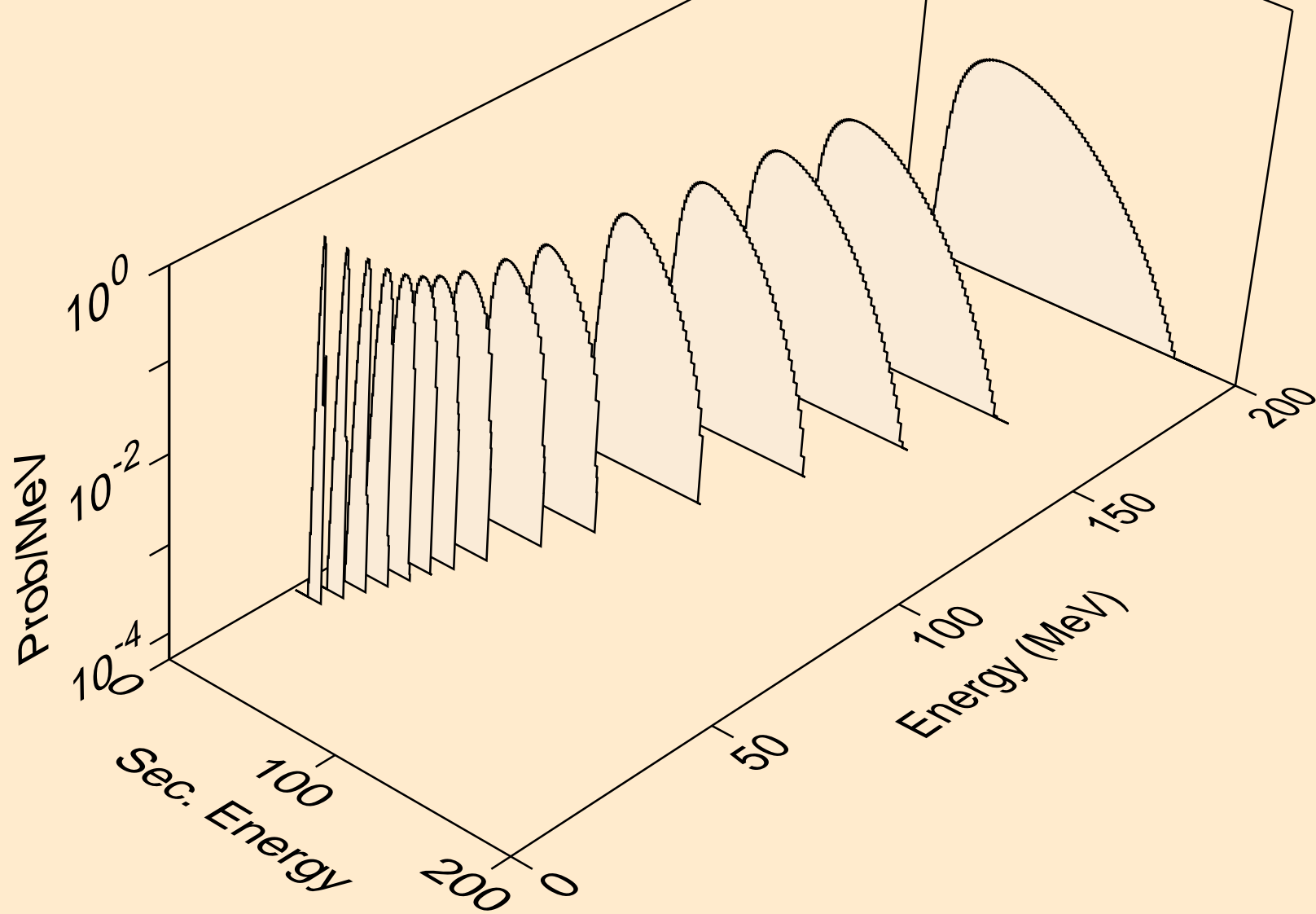
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



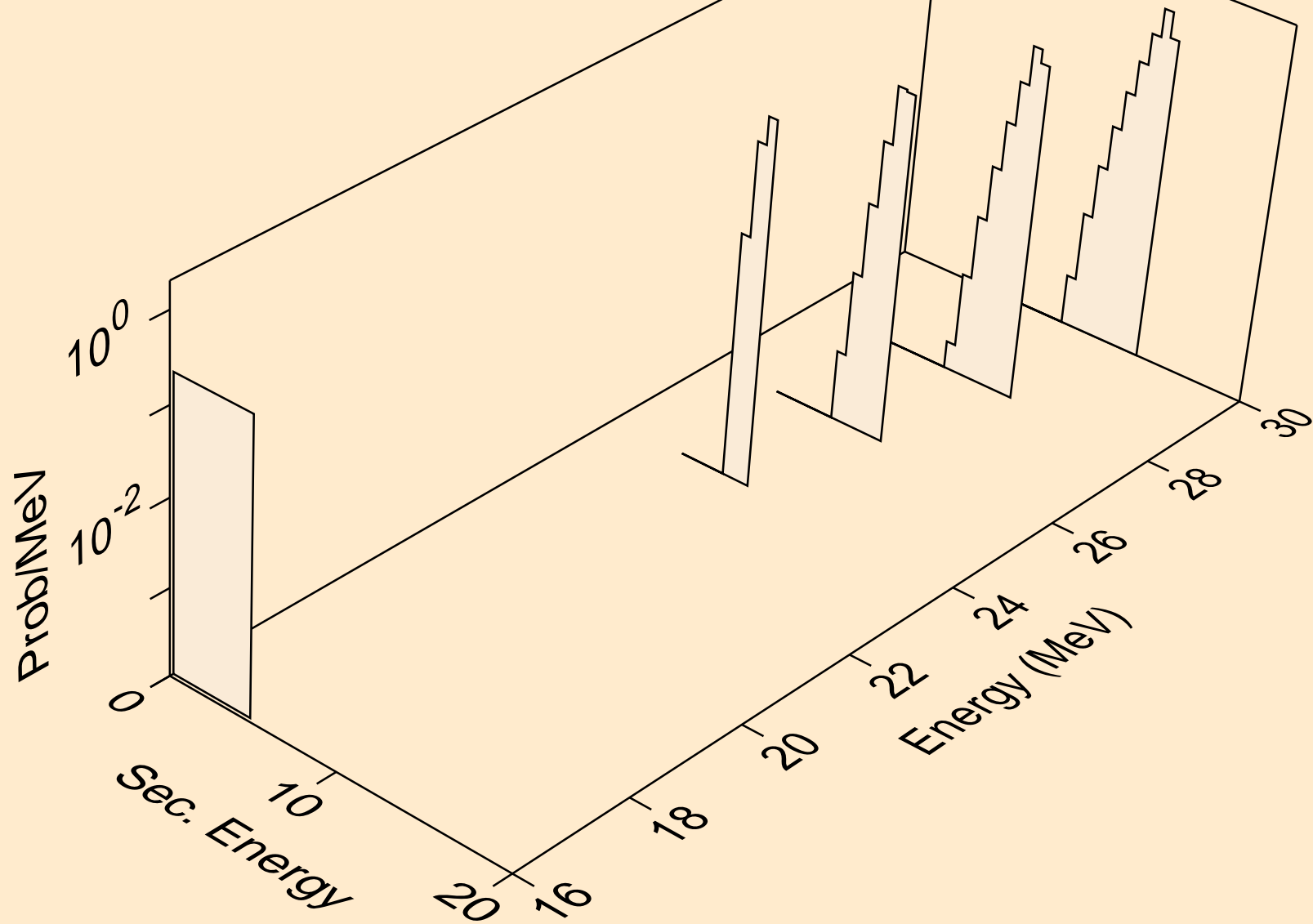
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

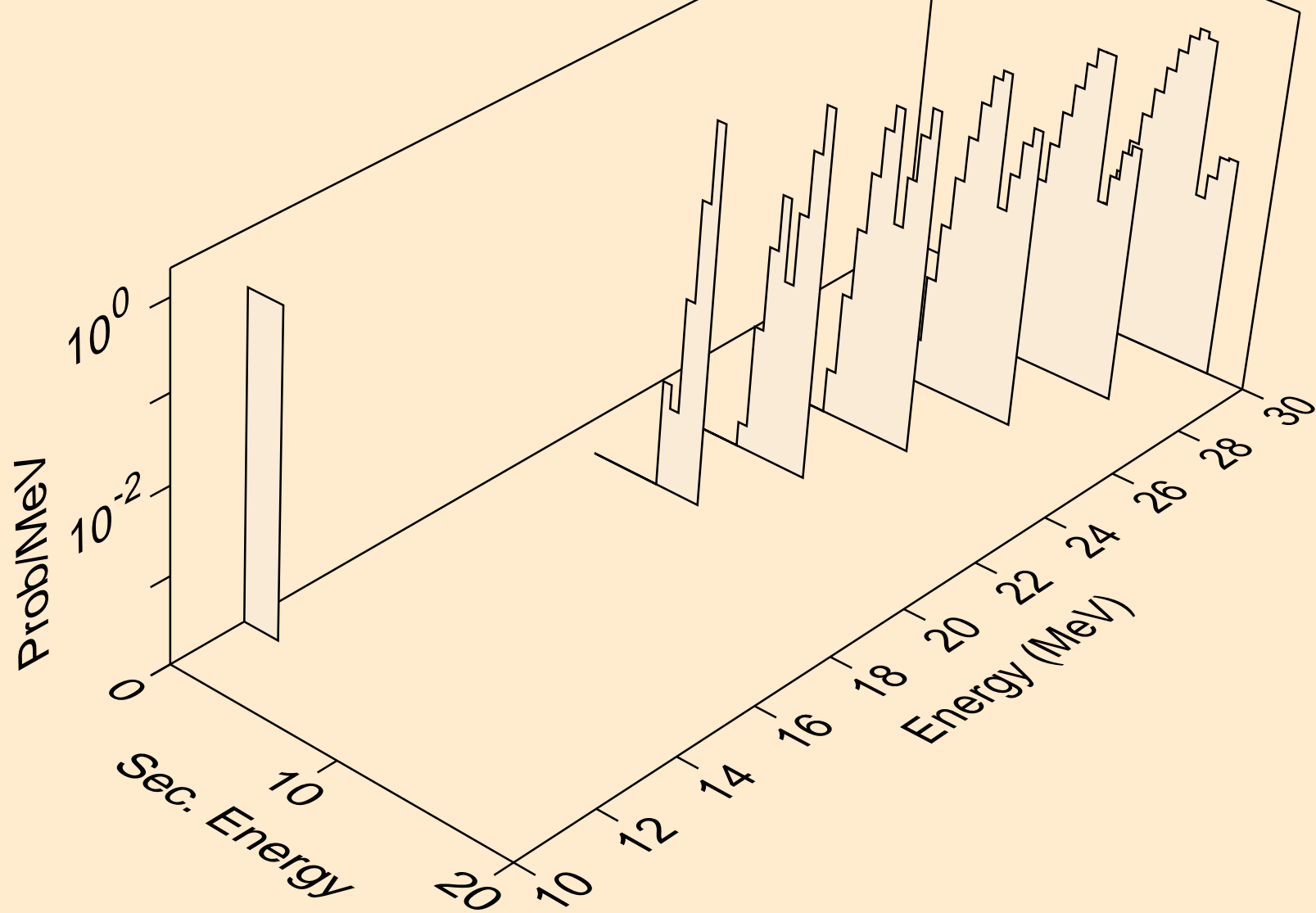


HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

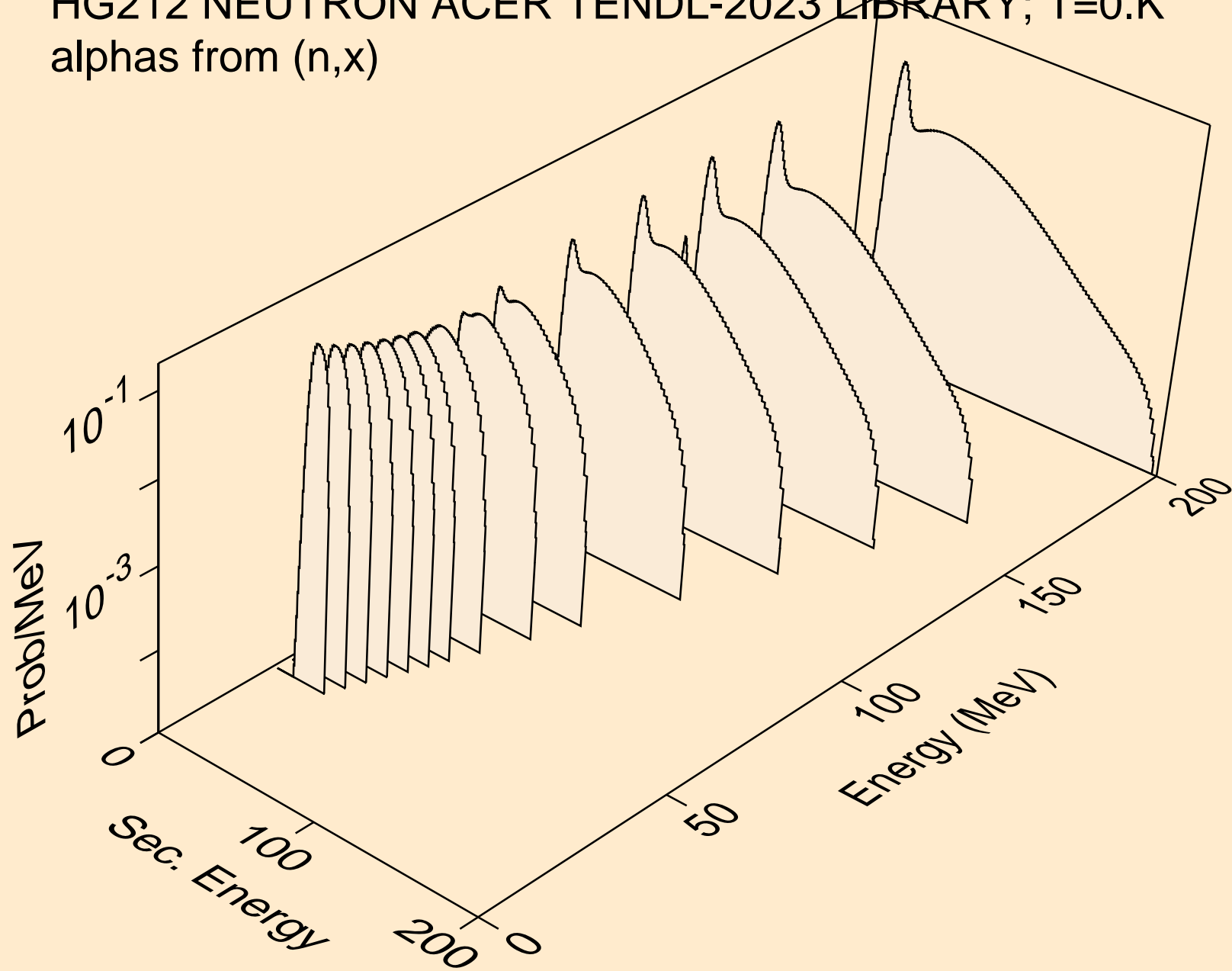




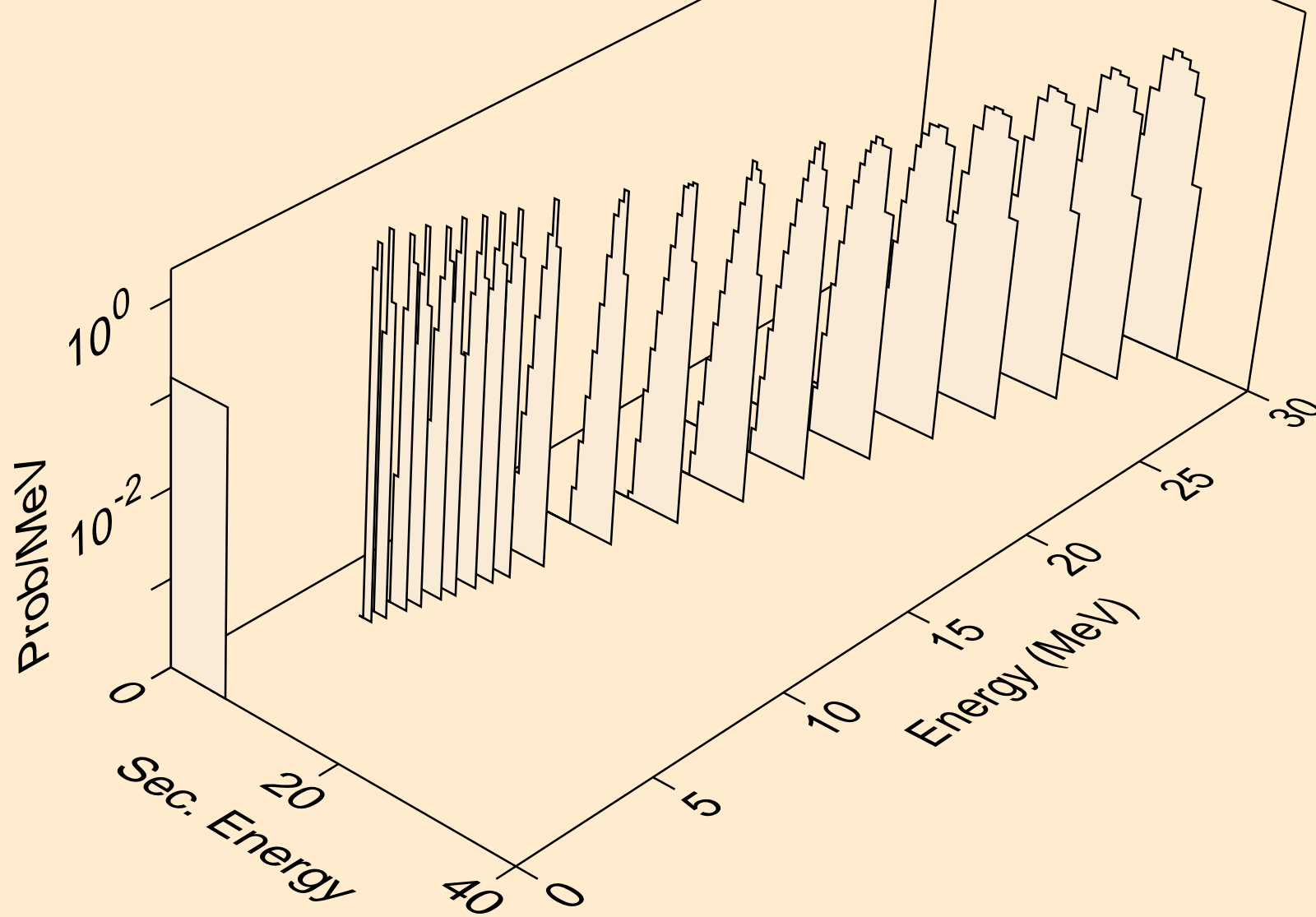
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



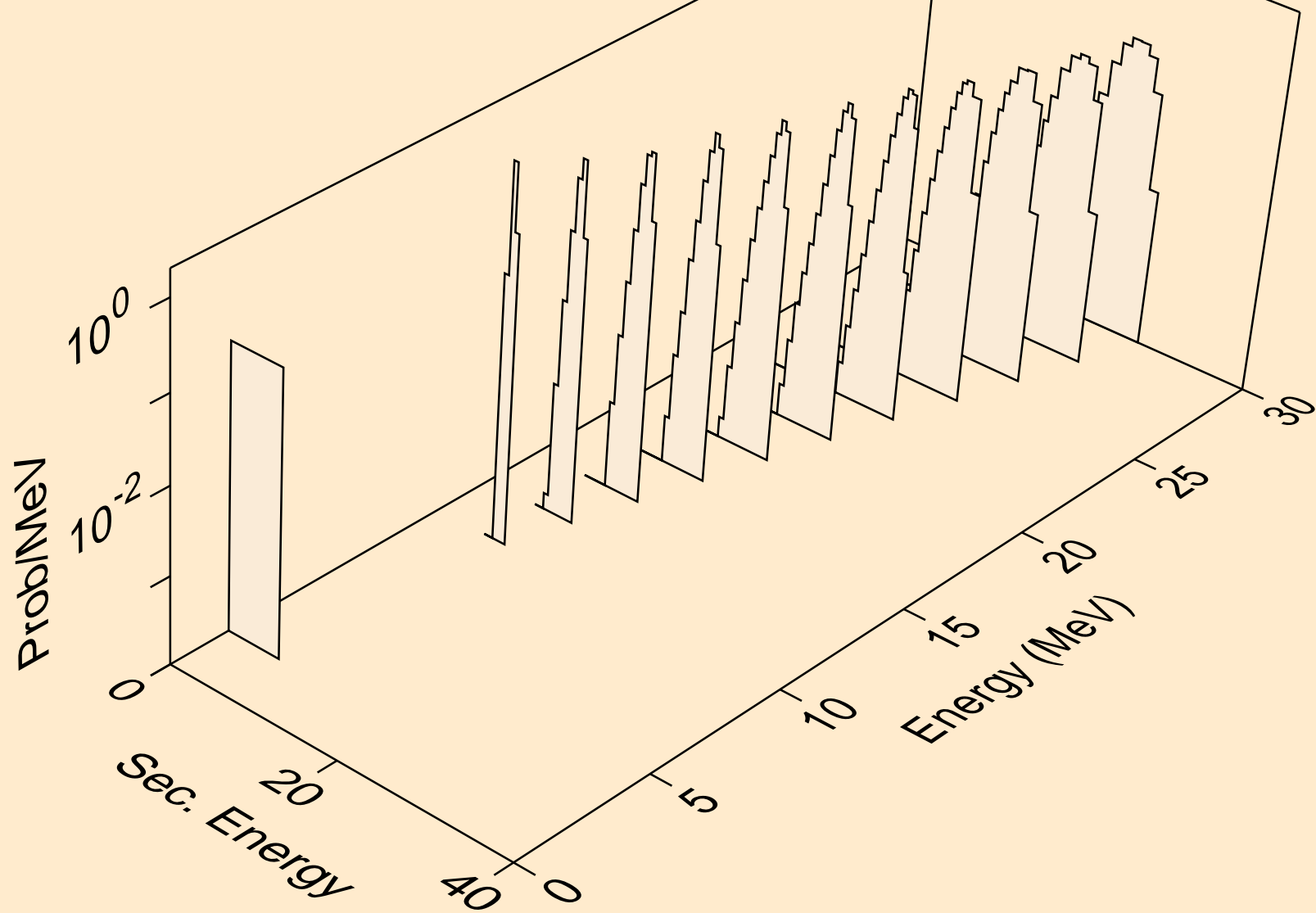
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



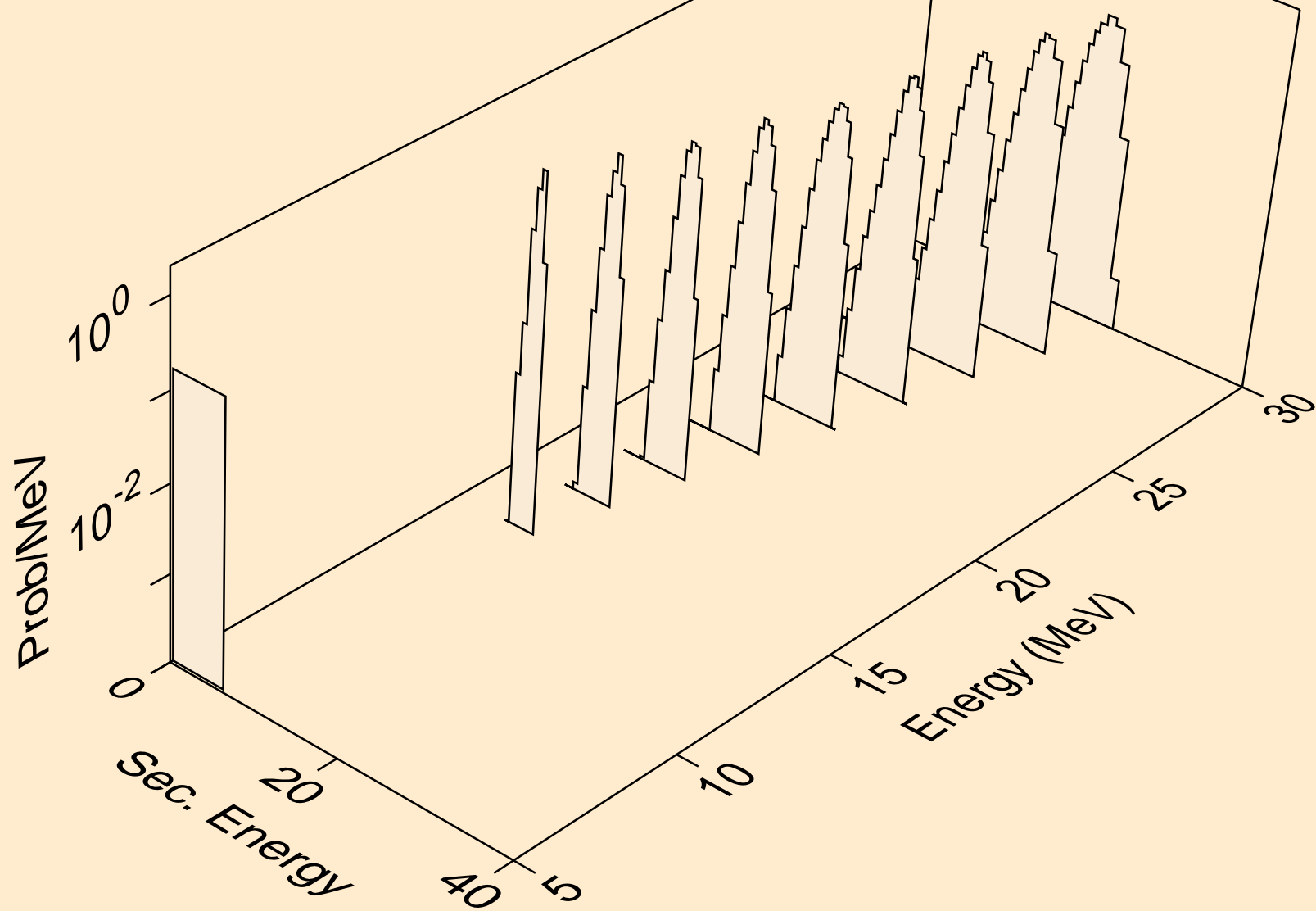
HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



HG212 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

