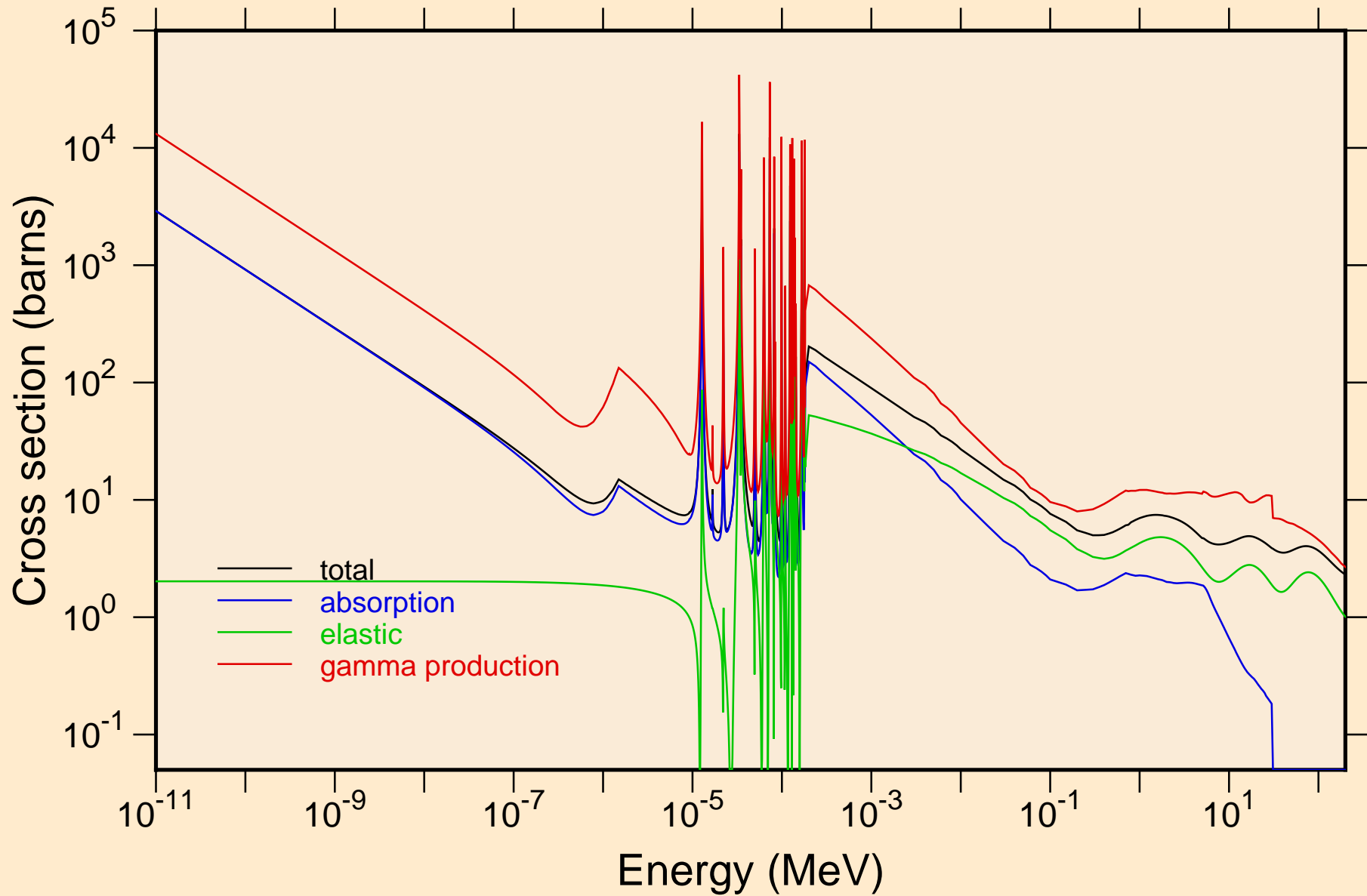
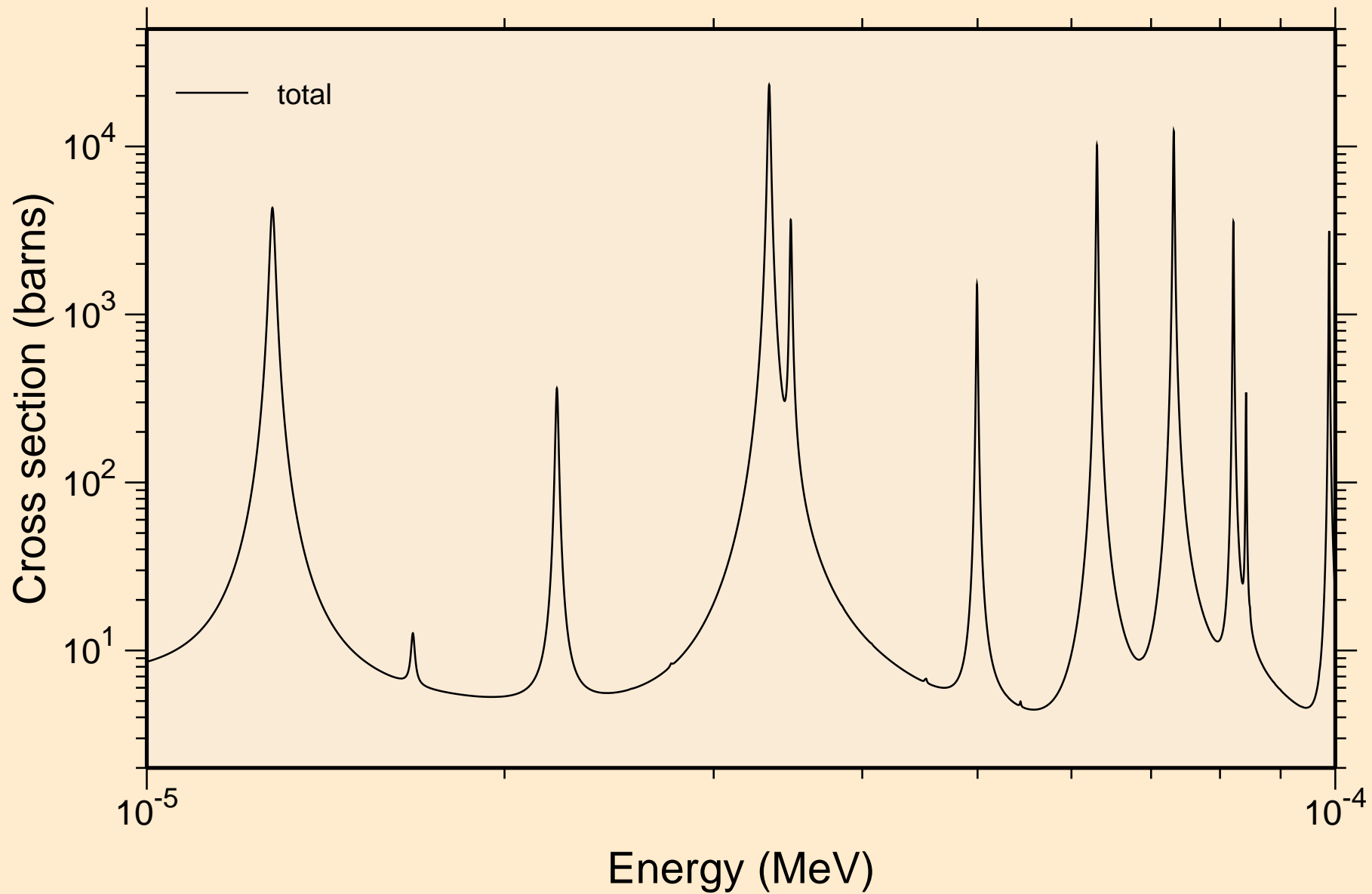


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

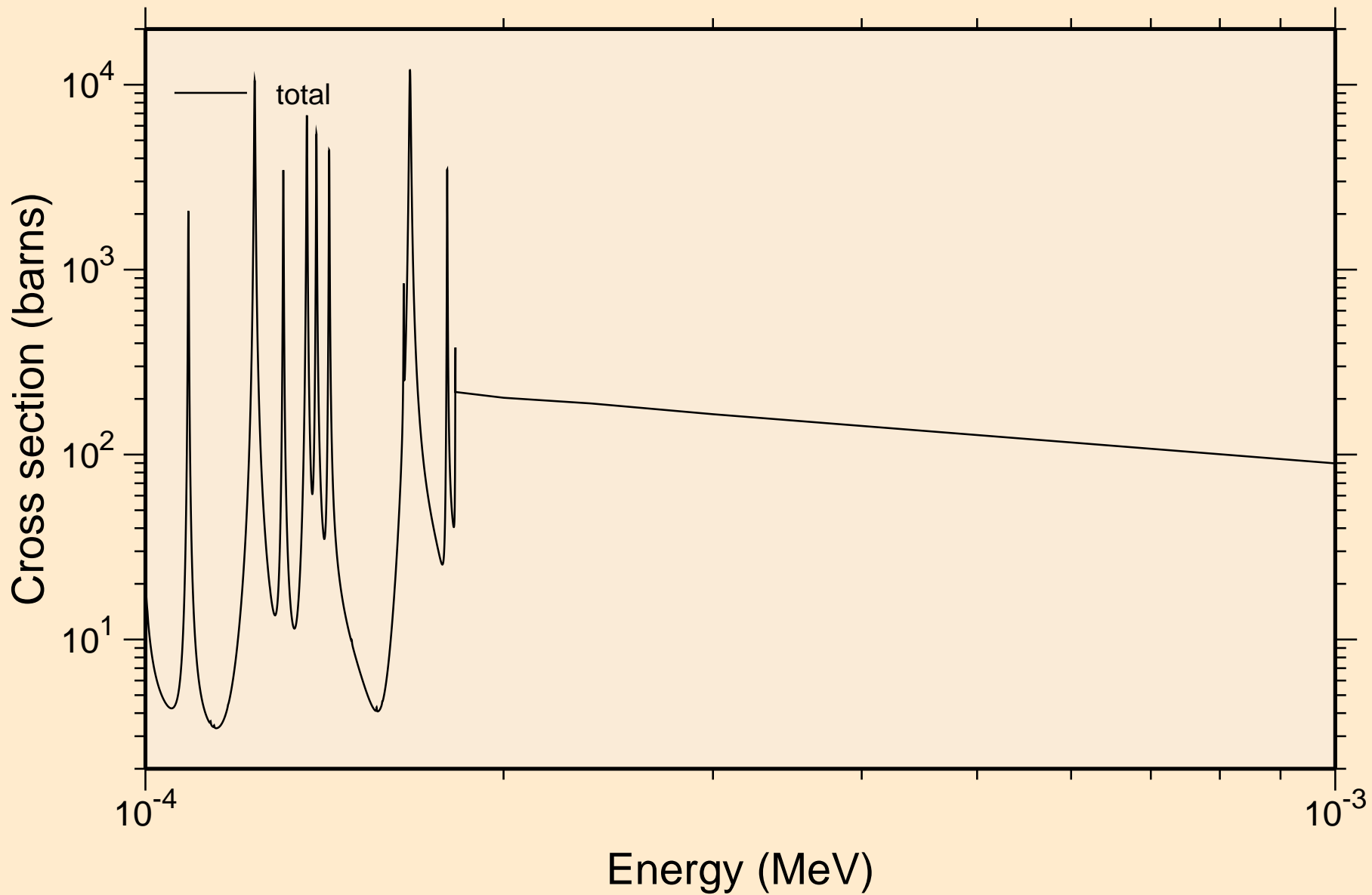
## Principal cross sections



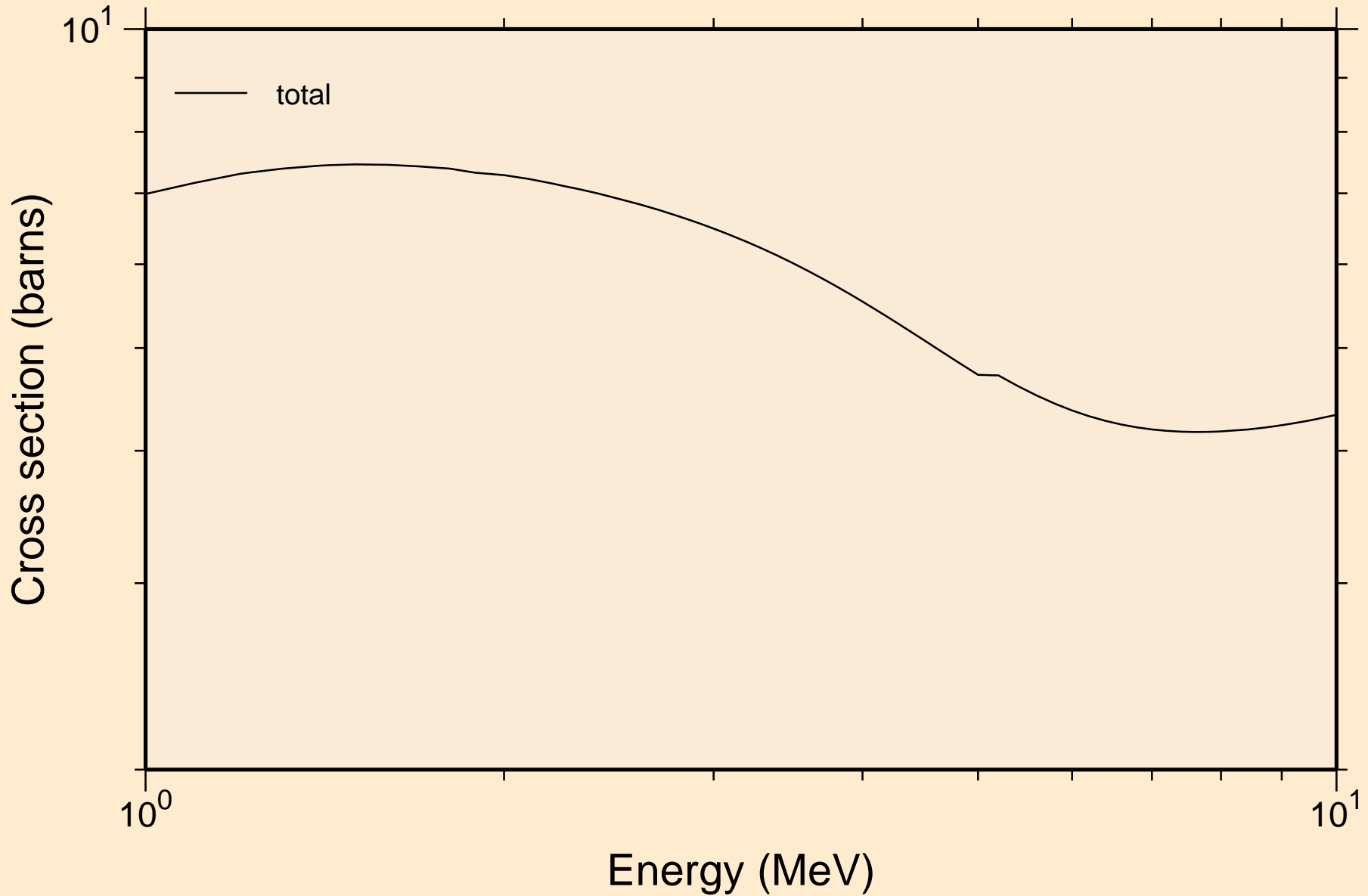
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



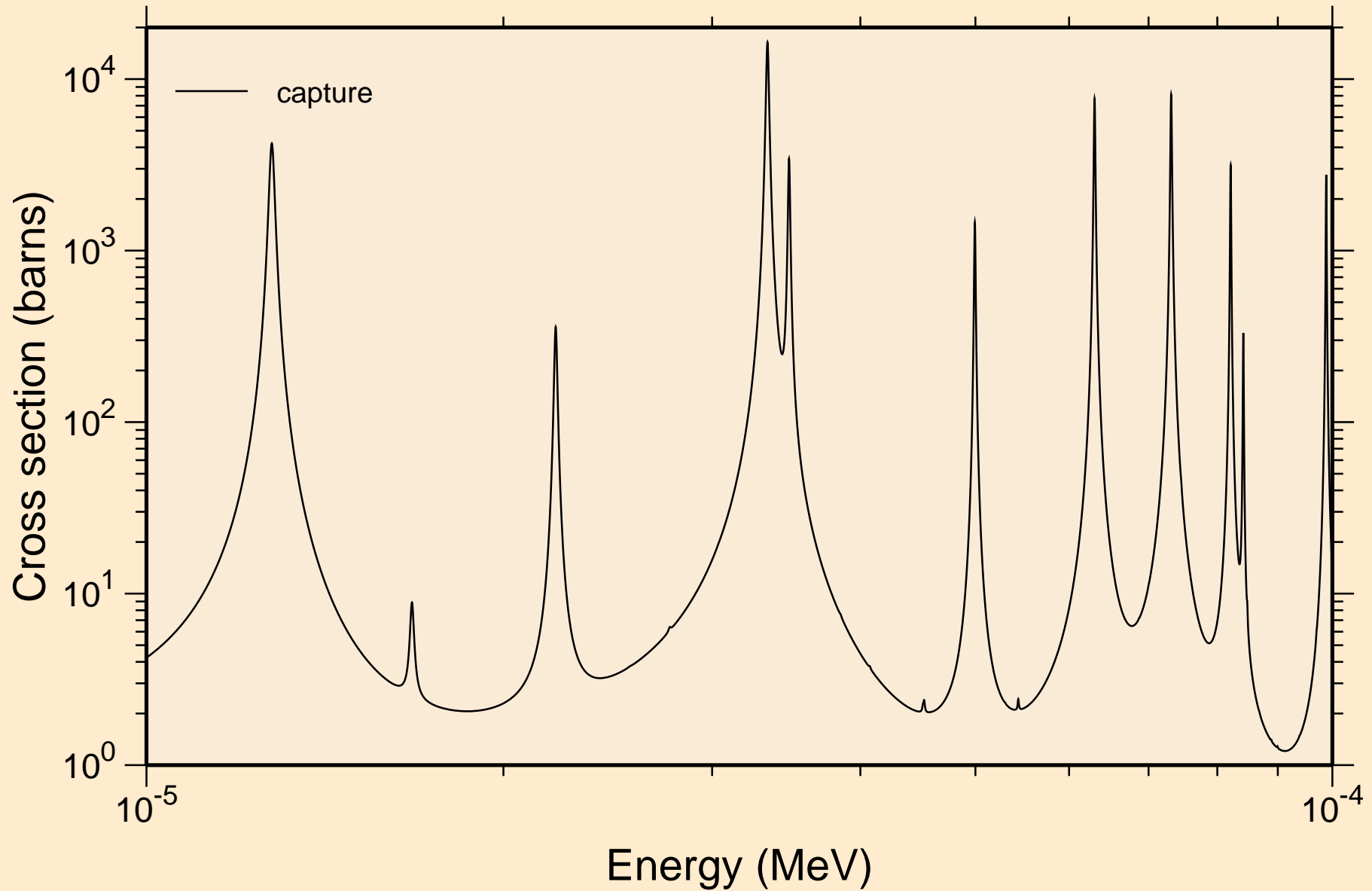
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



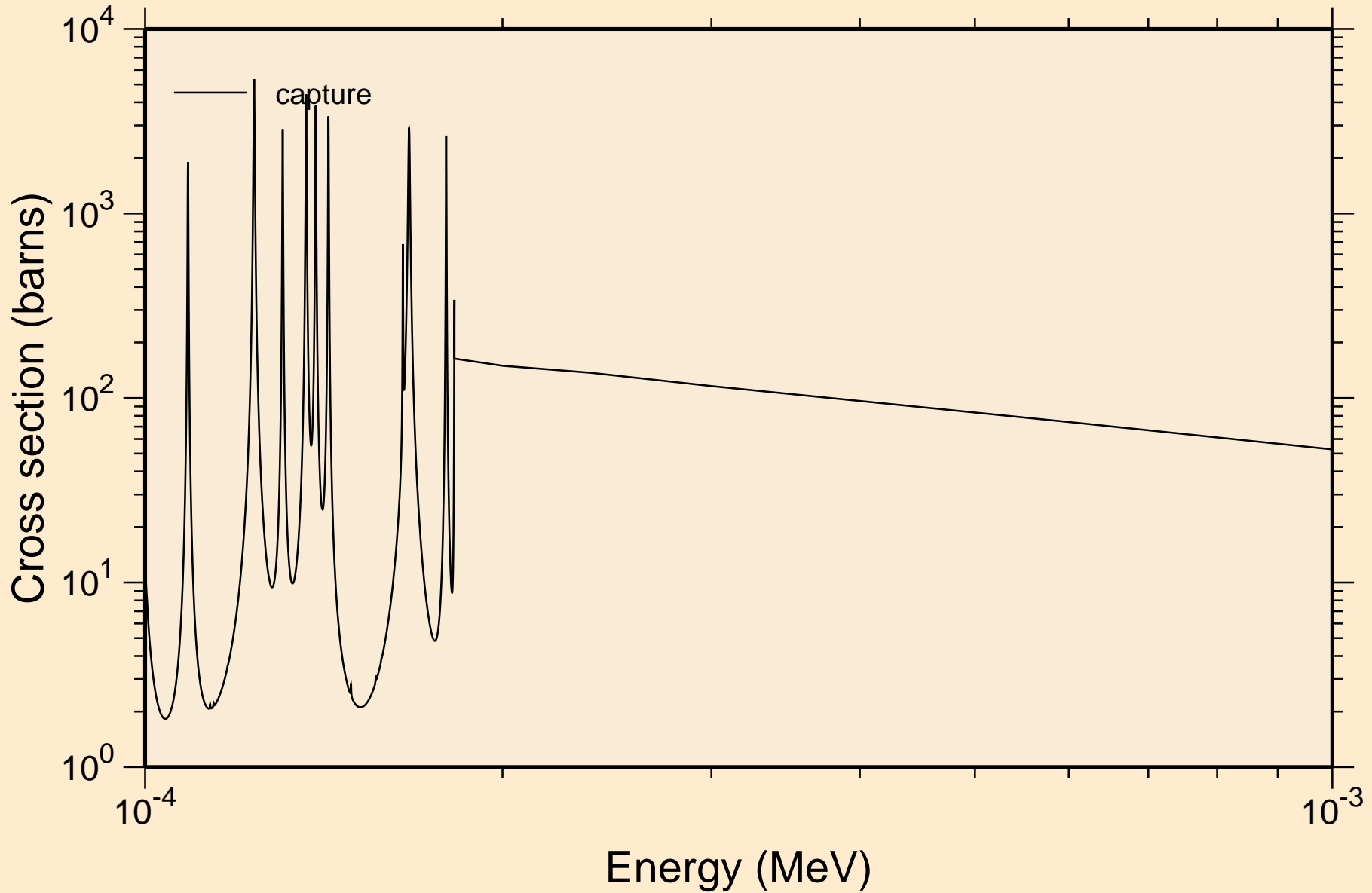
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



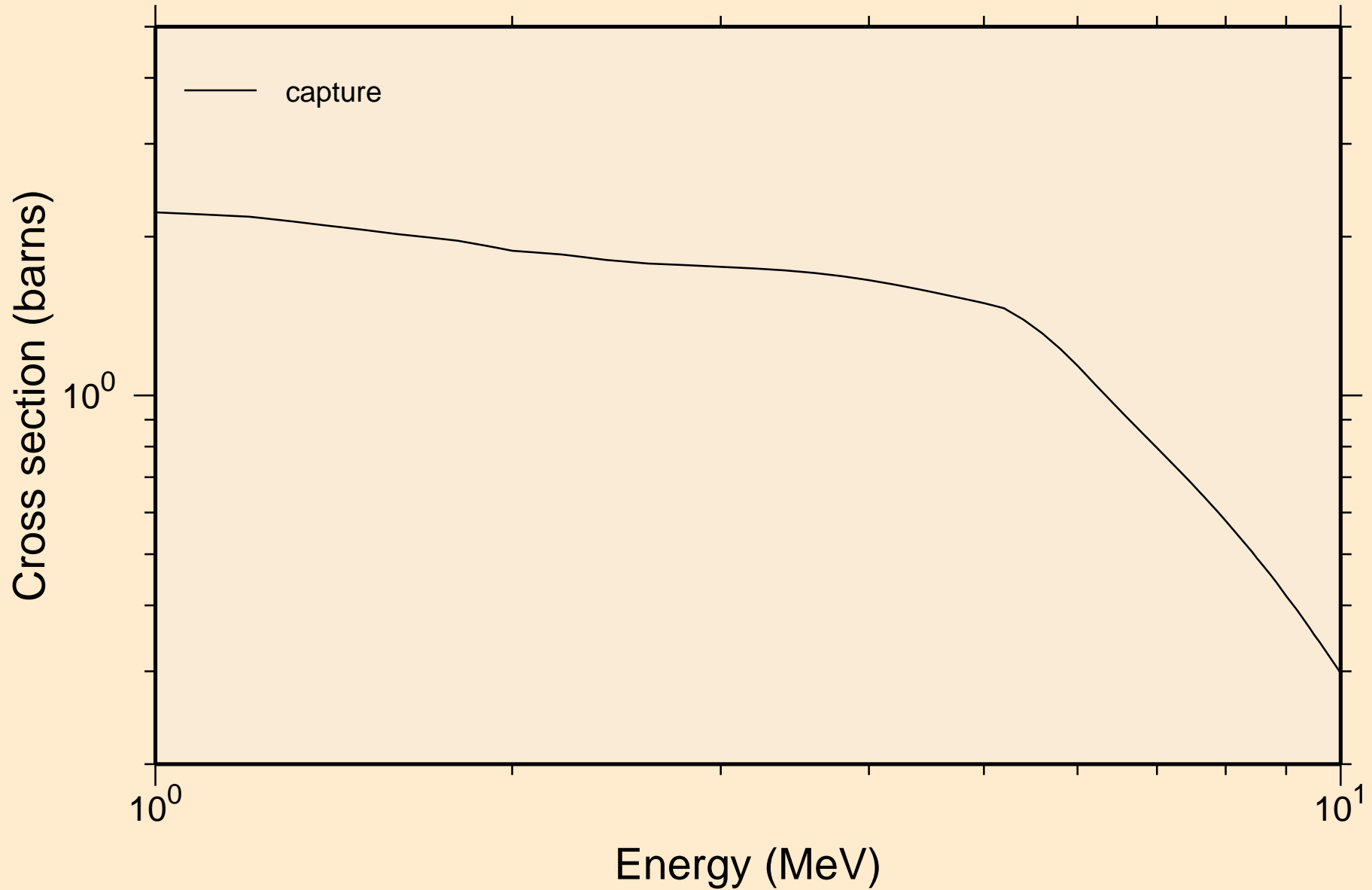
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

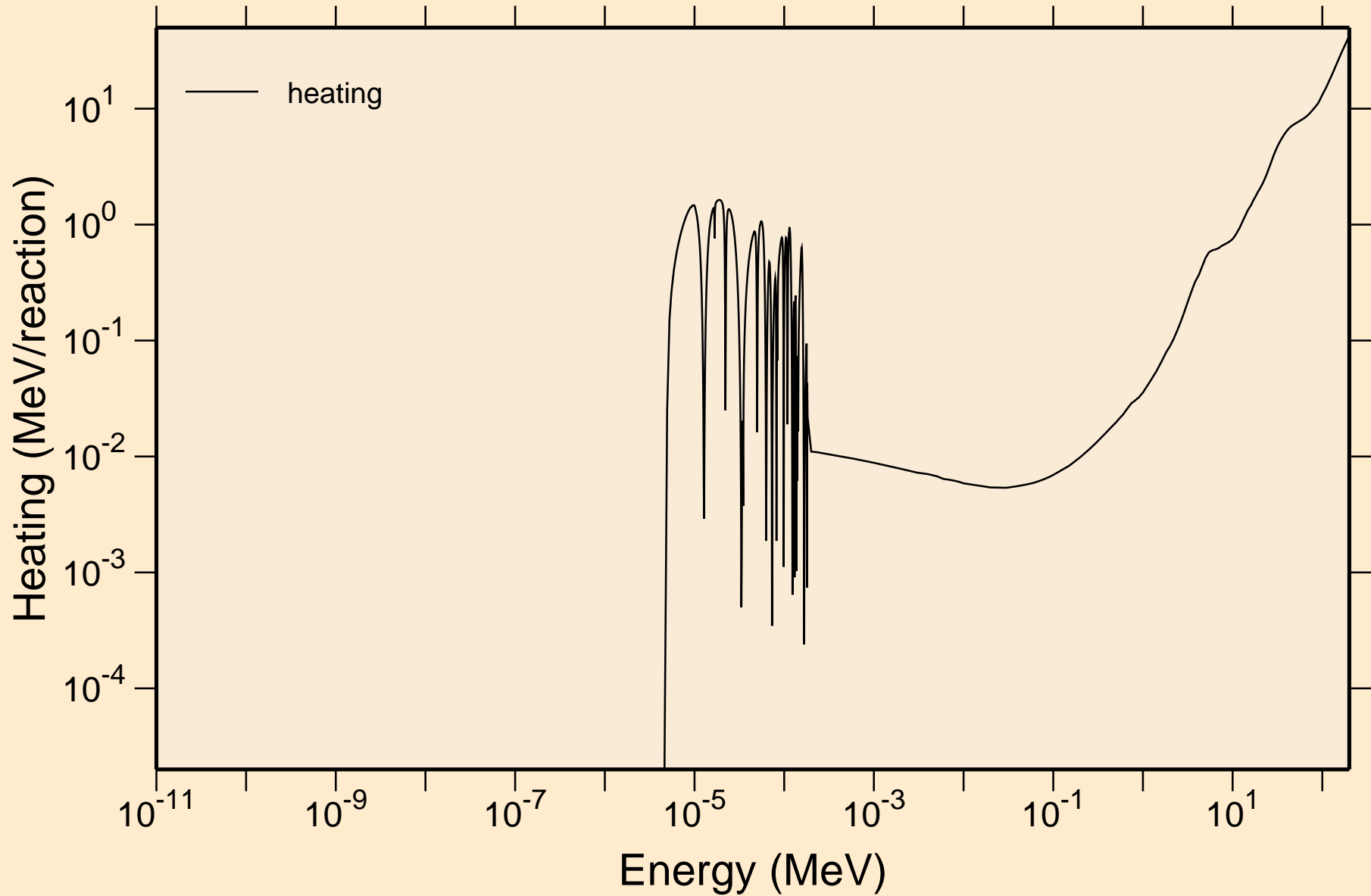


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

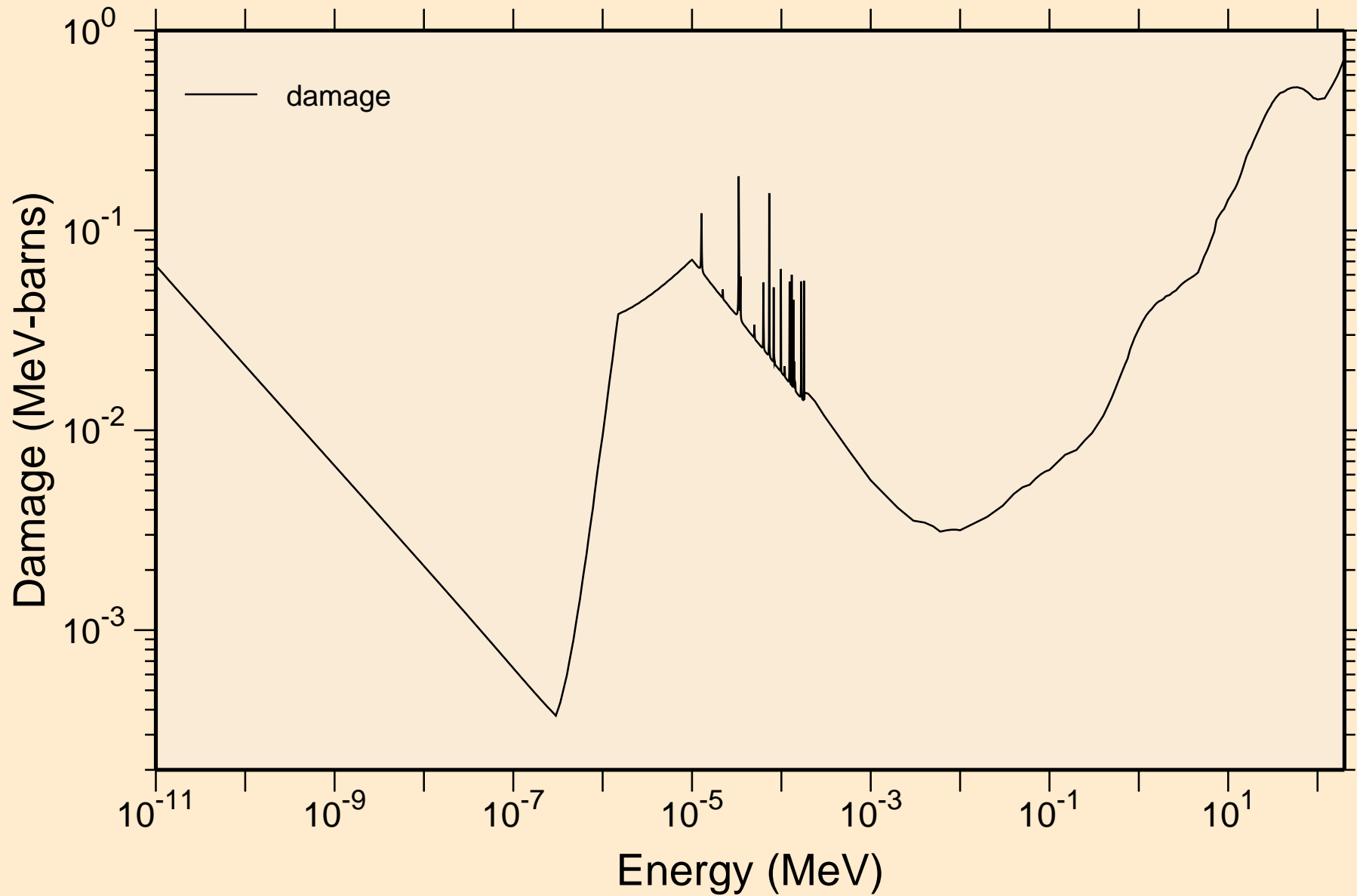
## Heating





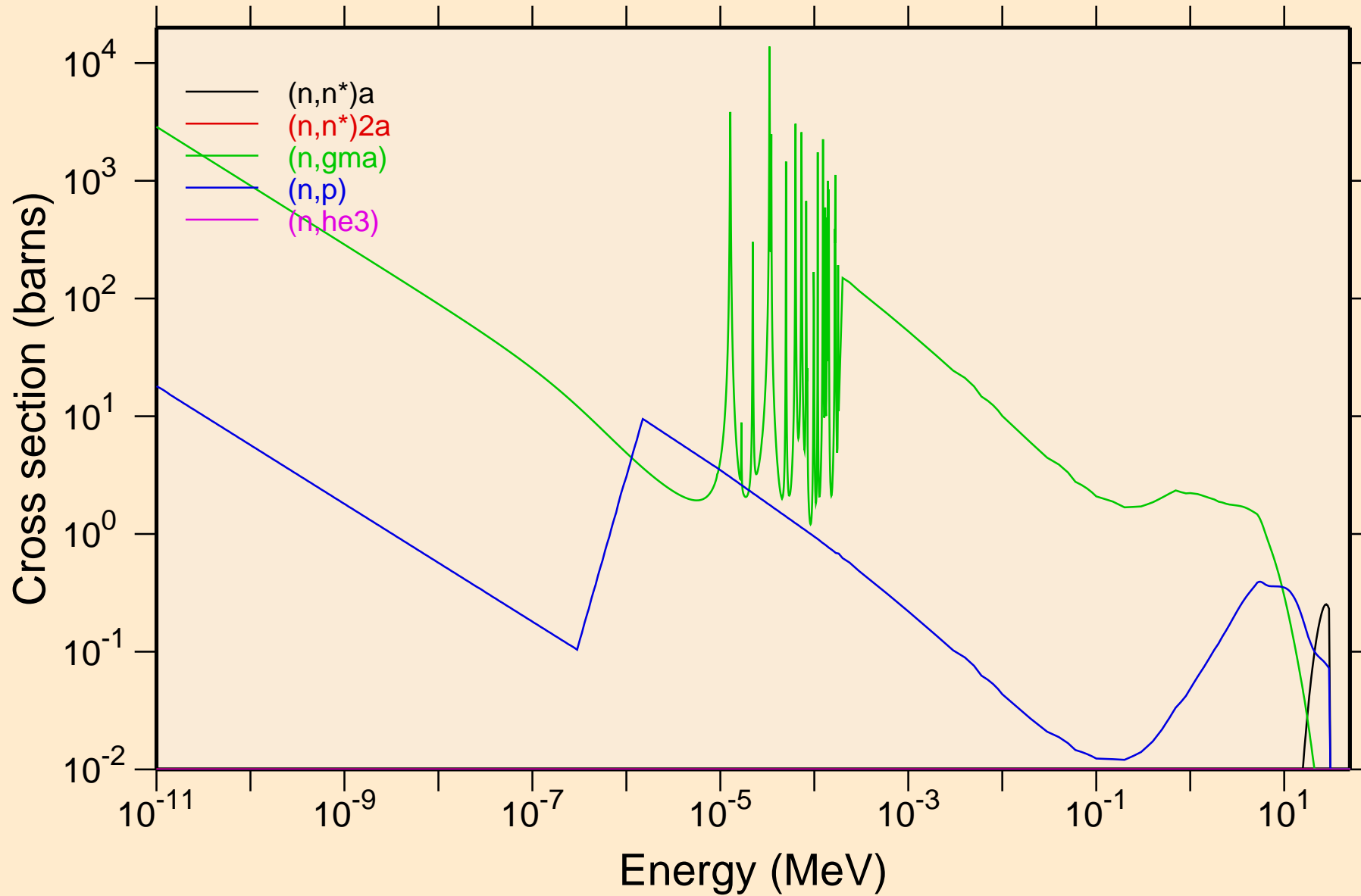
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



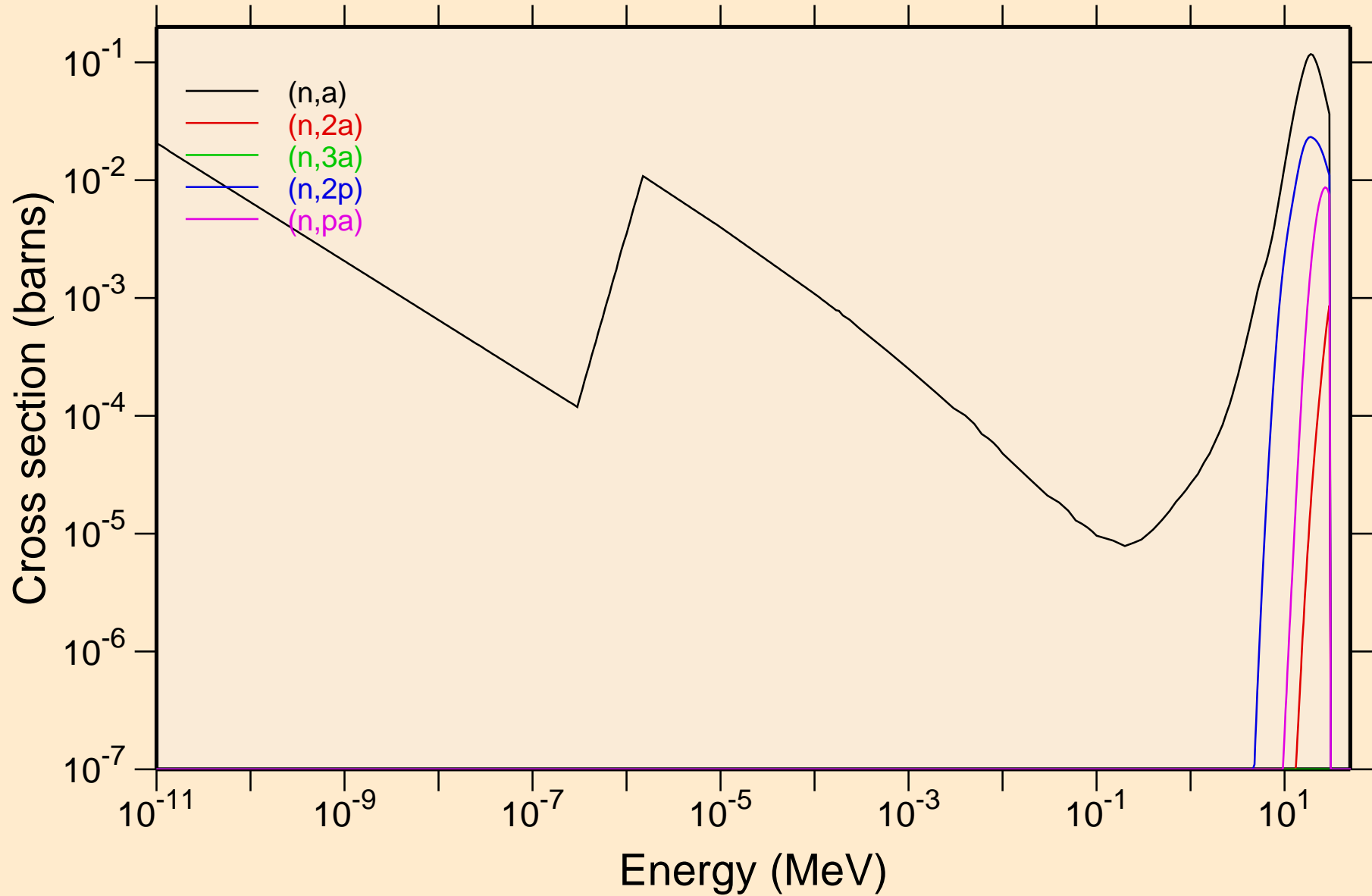
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



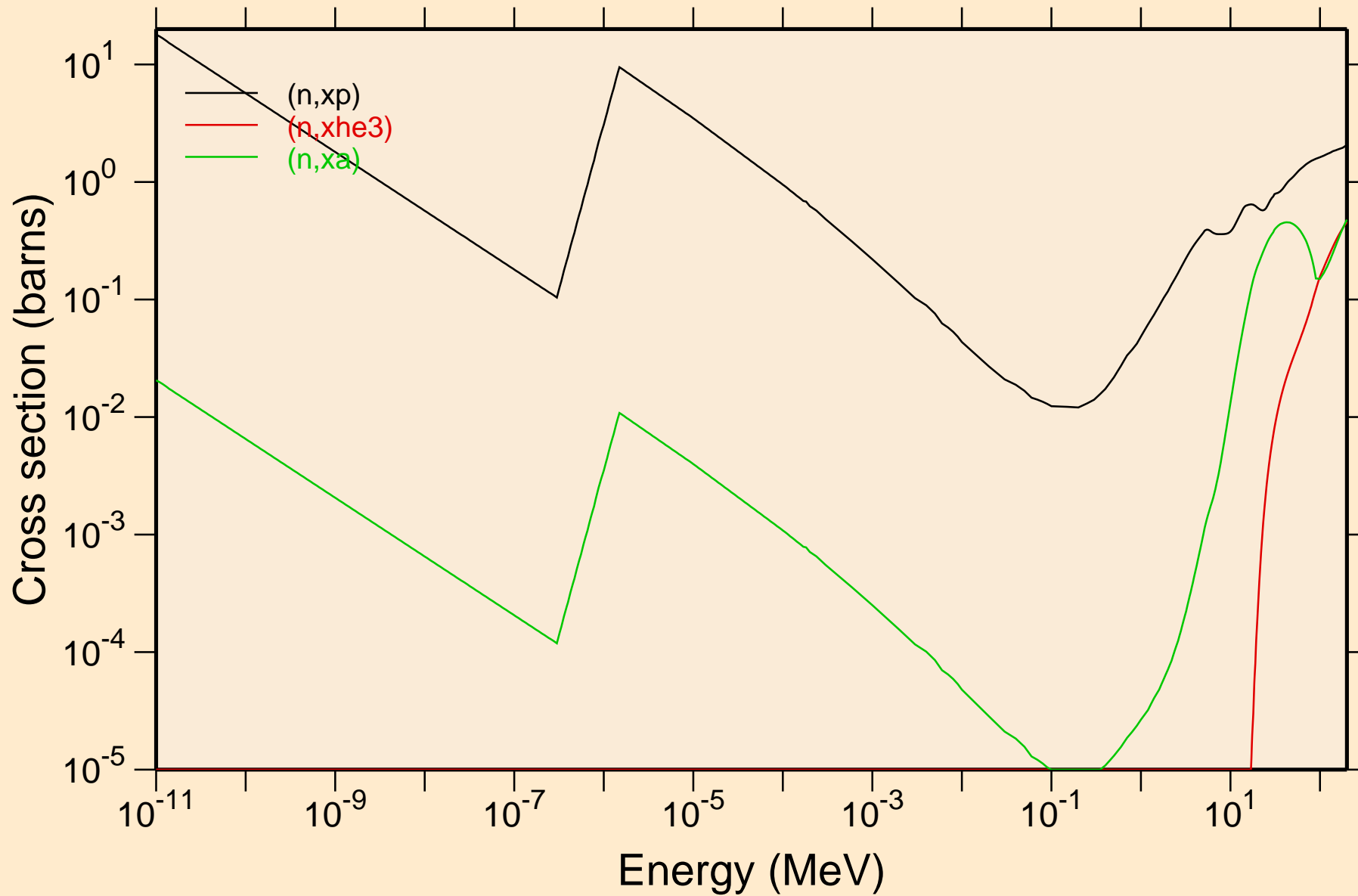
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



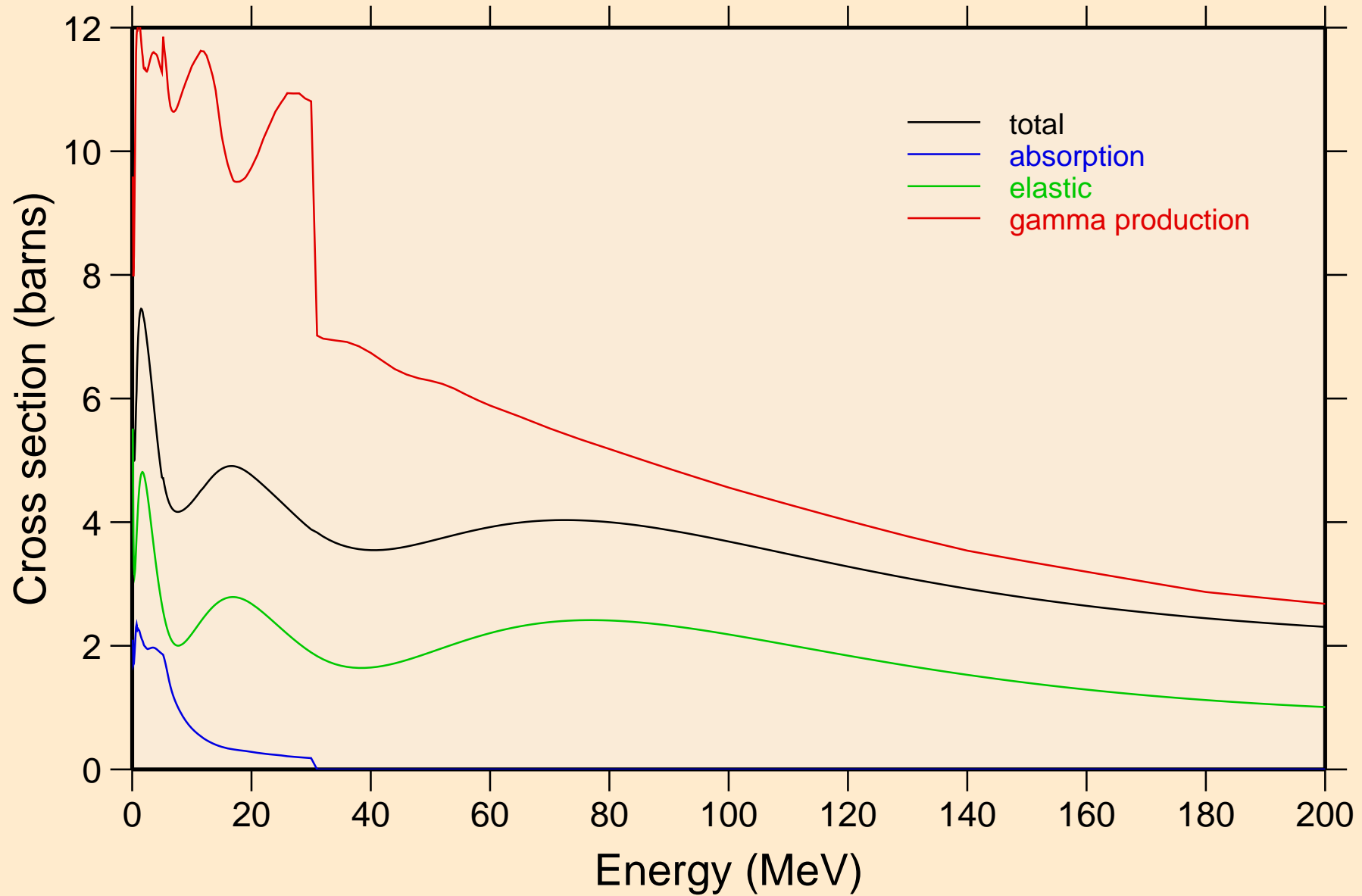
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



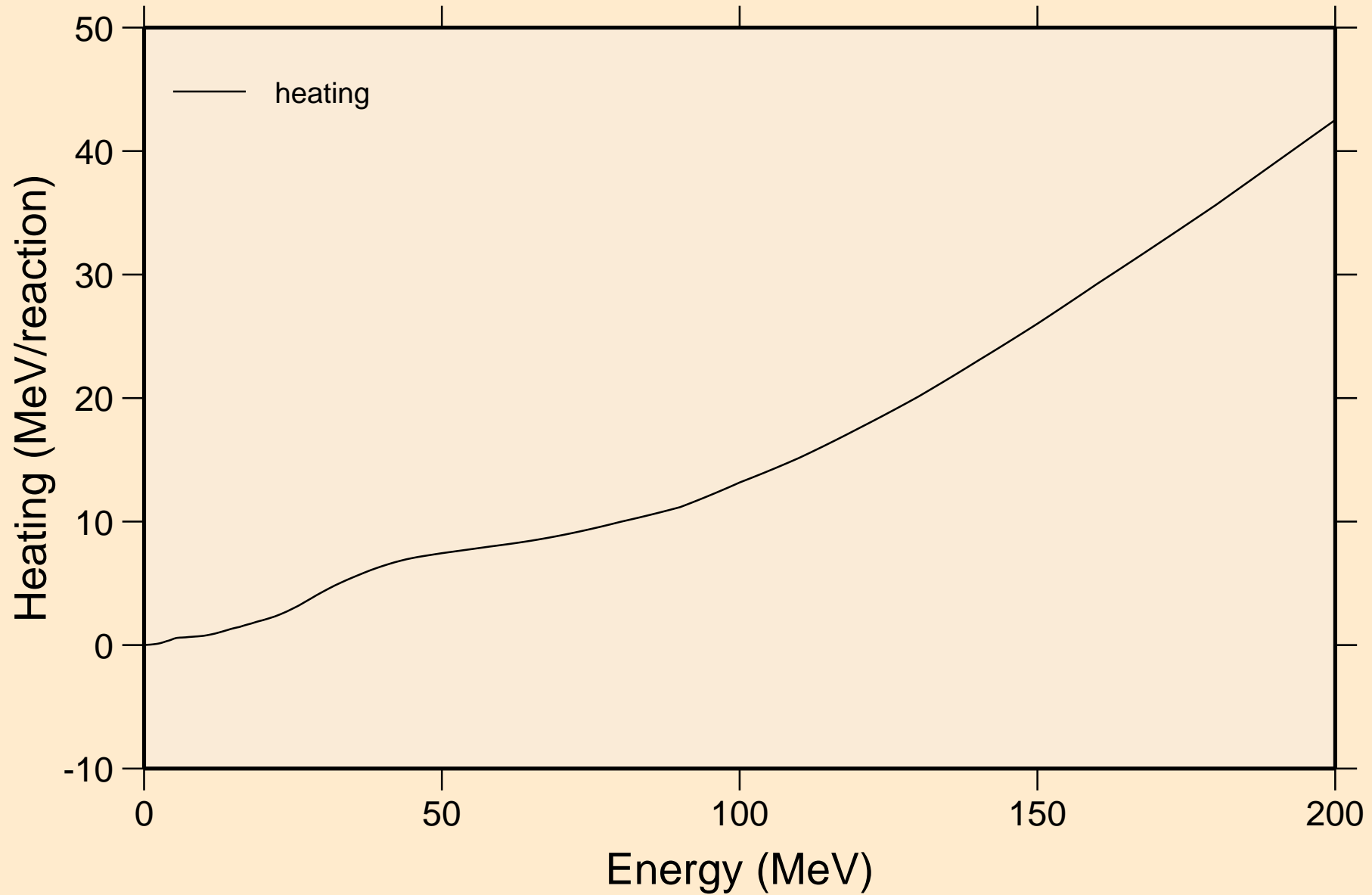
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



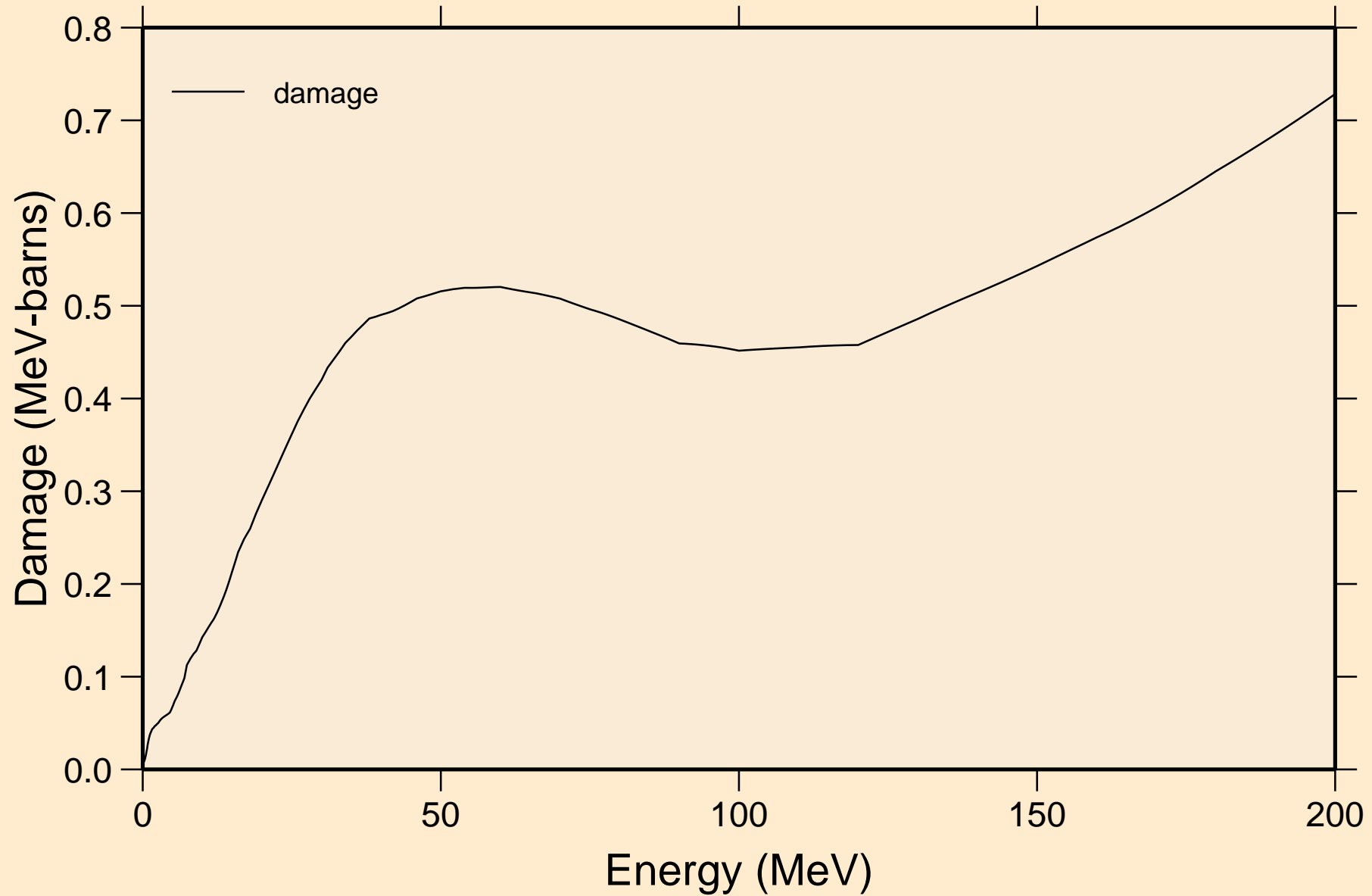
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



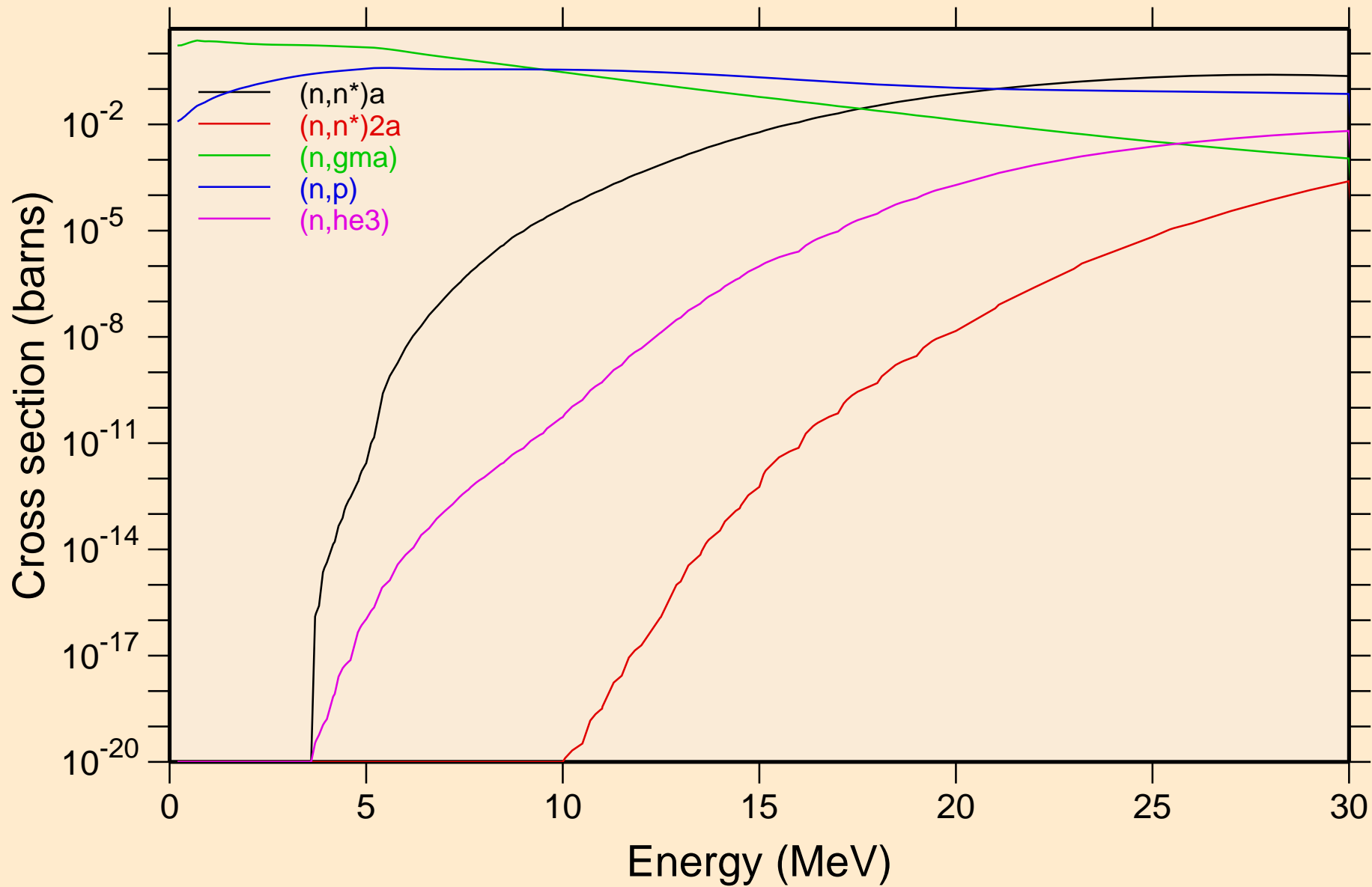
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

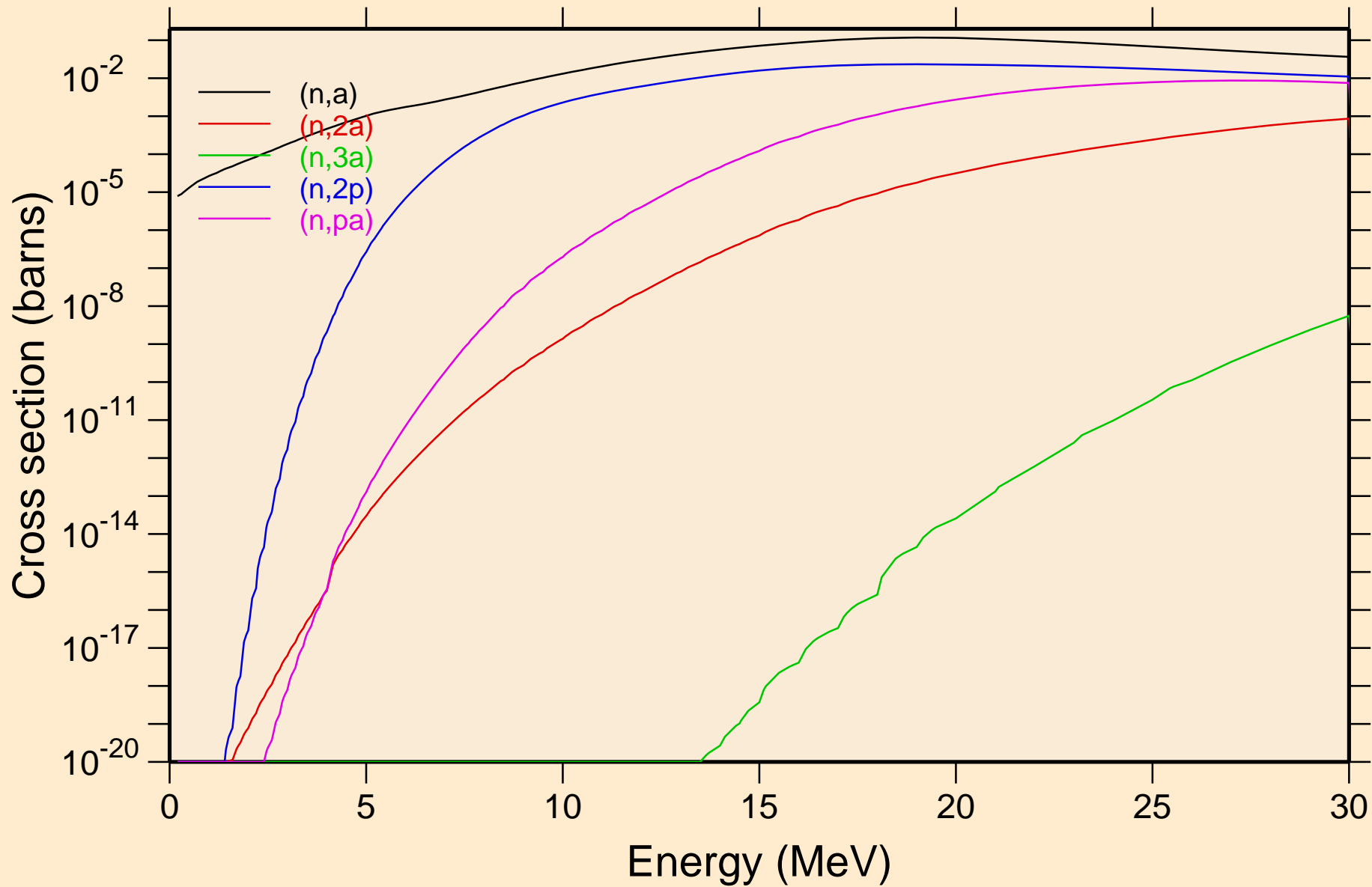
## Non-threshold reactions



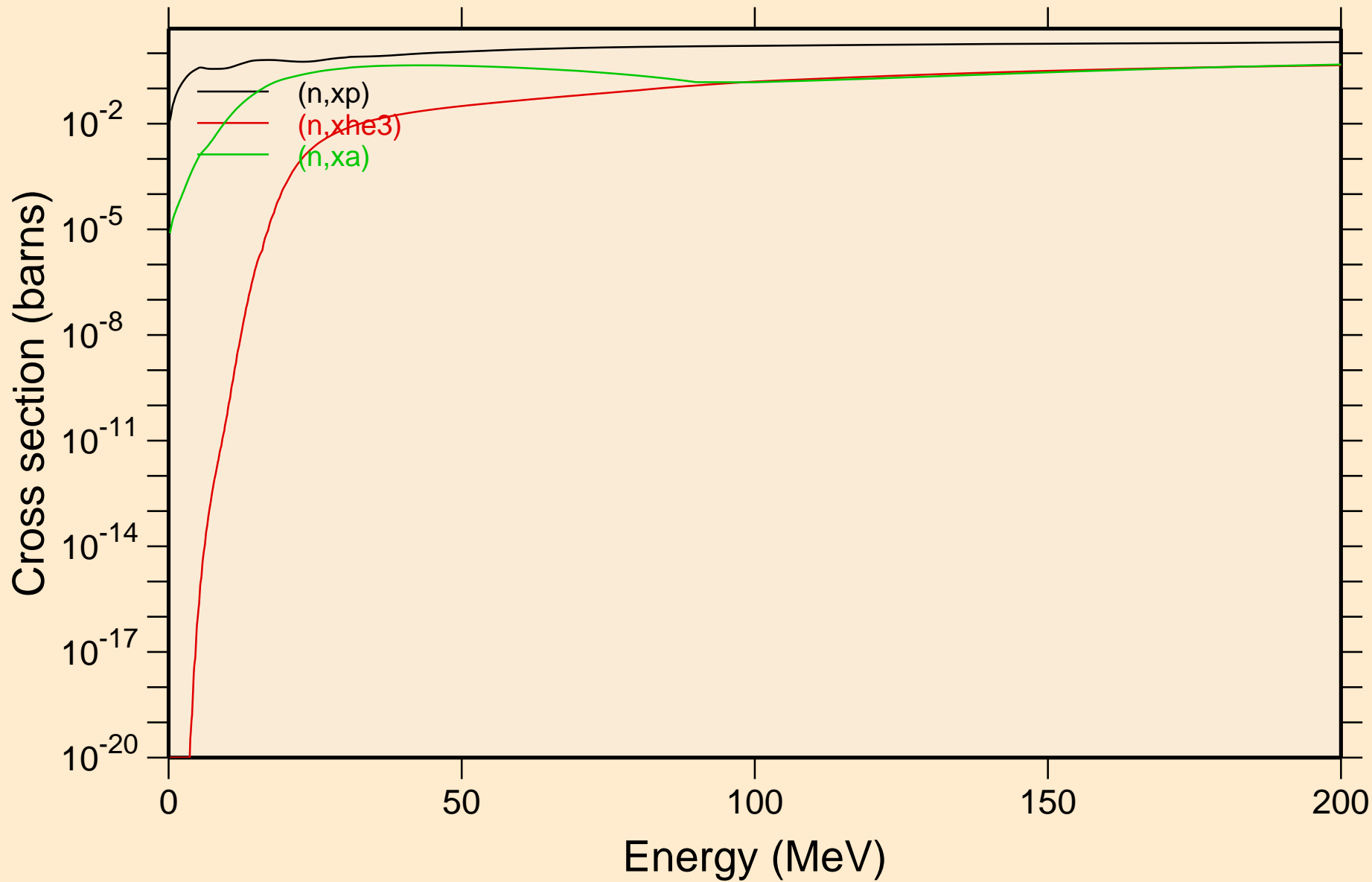


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

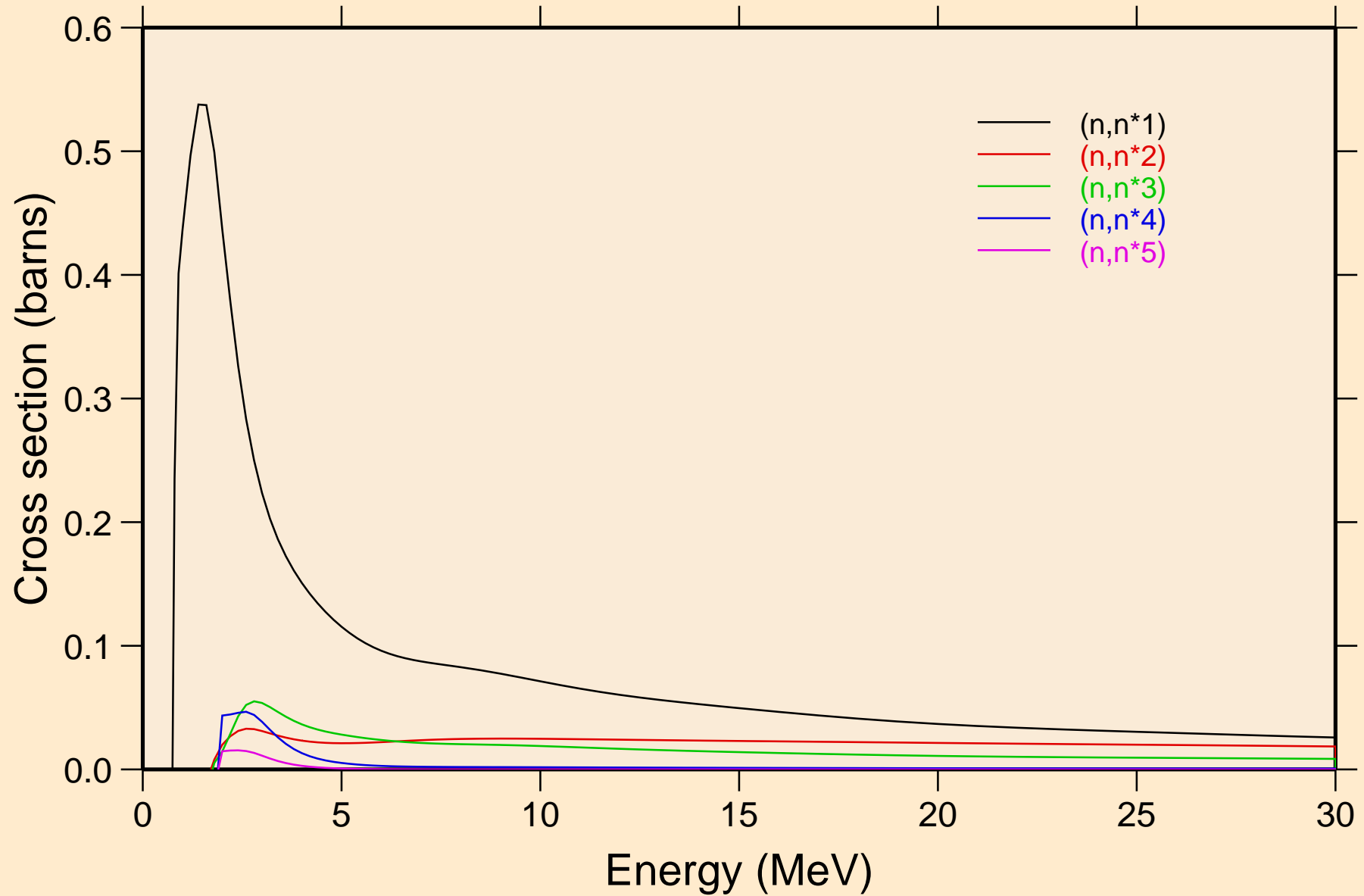


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

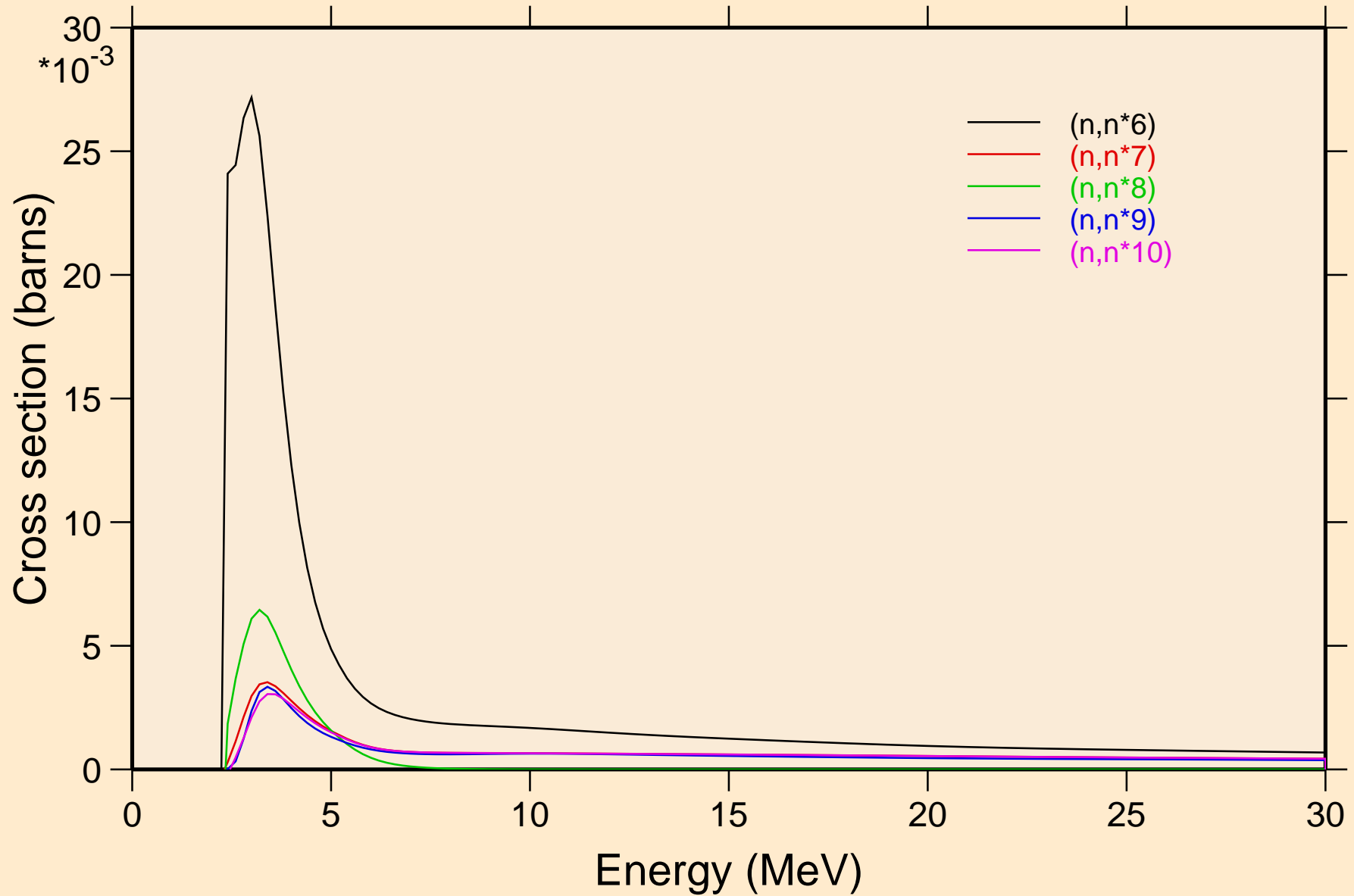


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

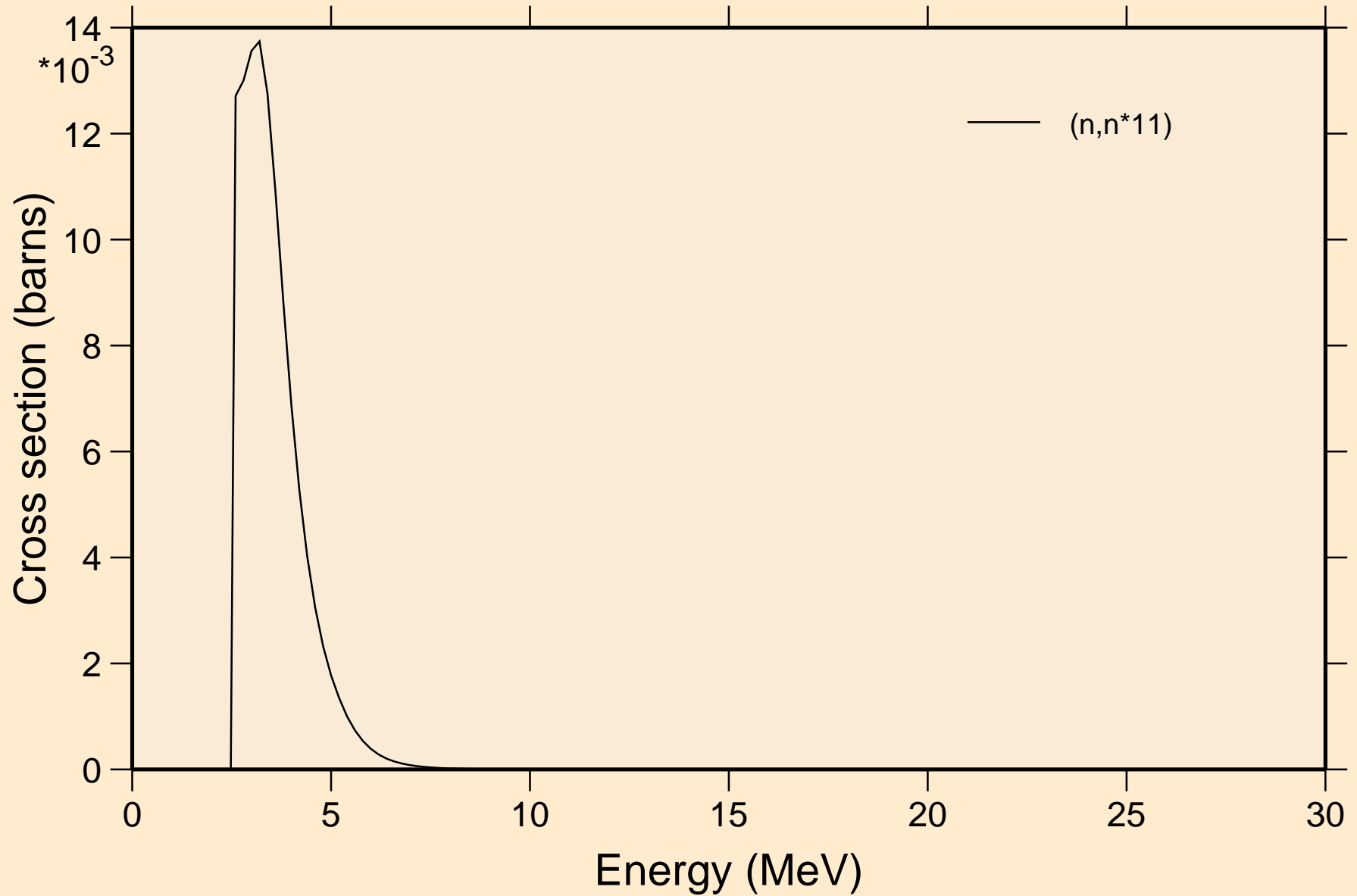
## Inelastic levels



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

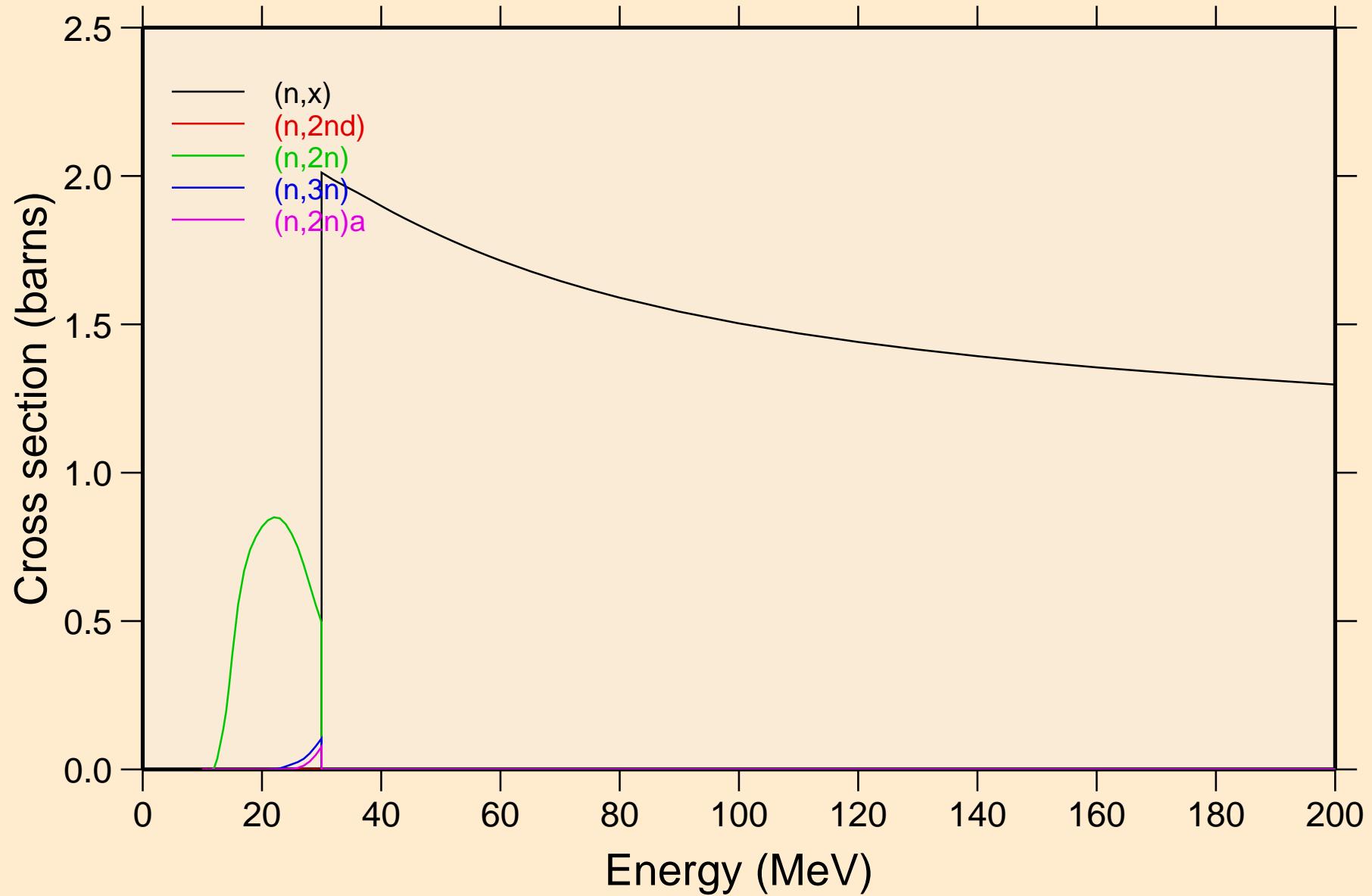


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

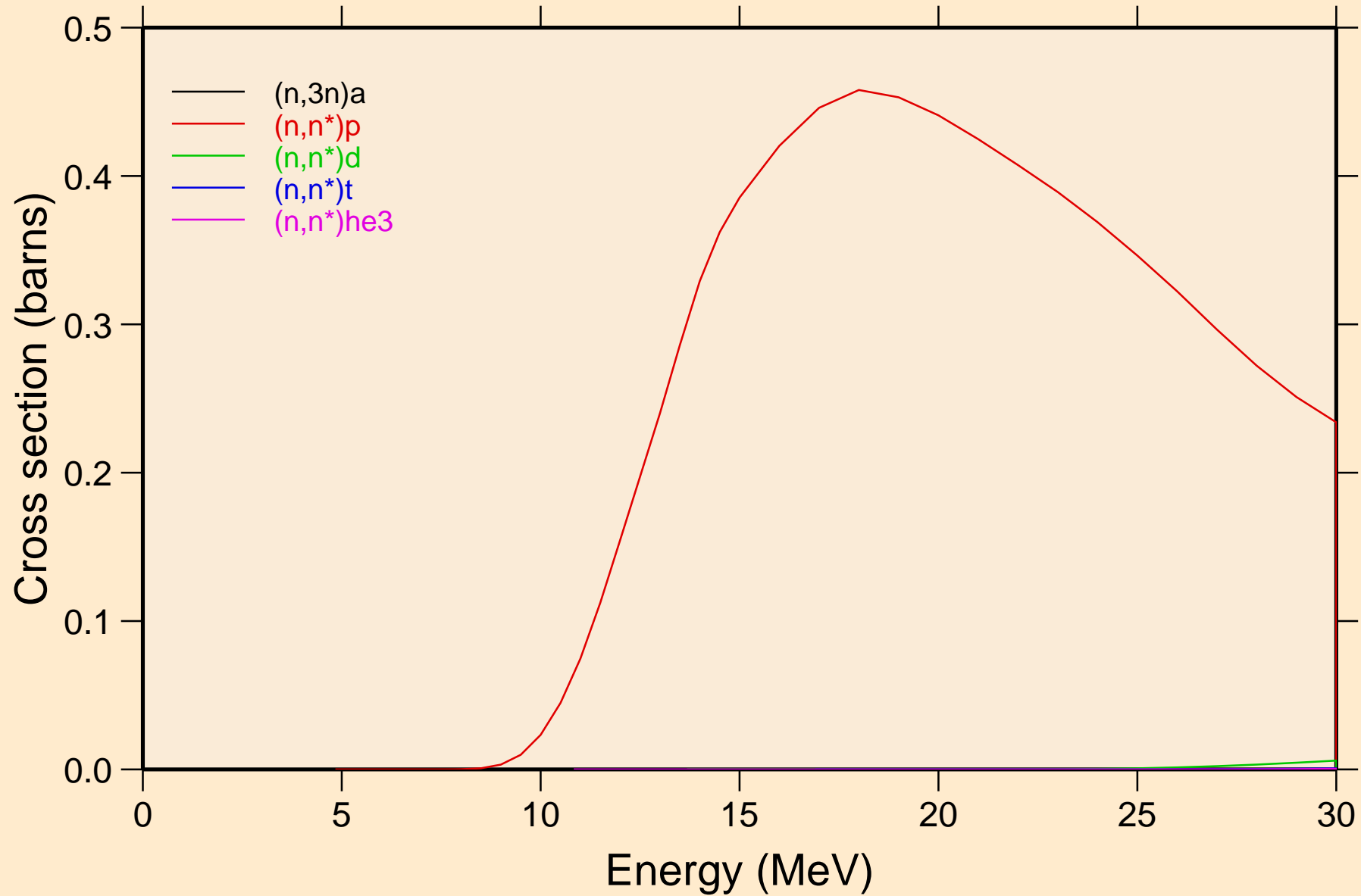


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

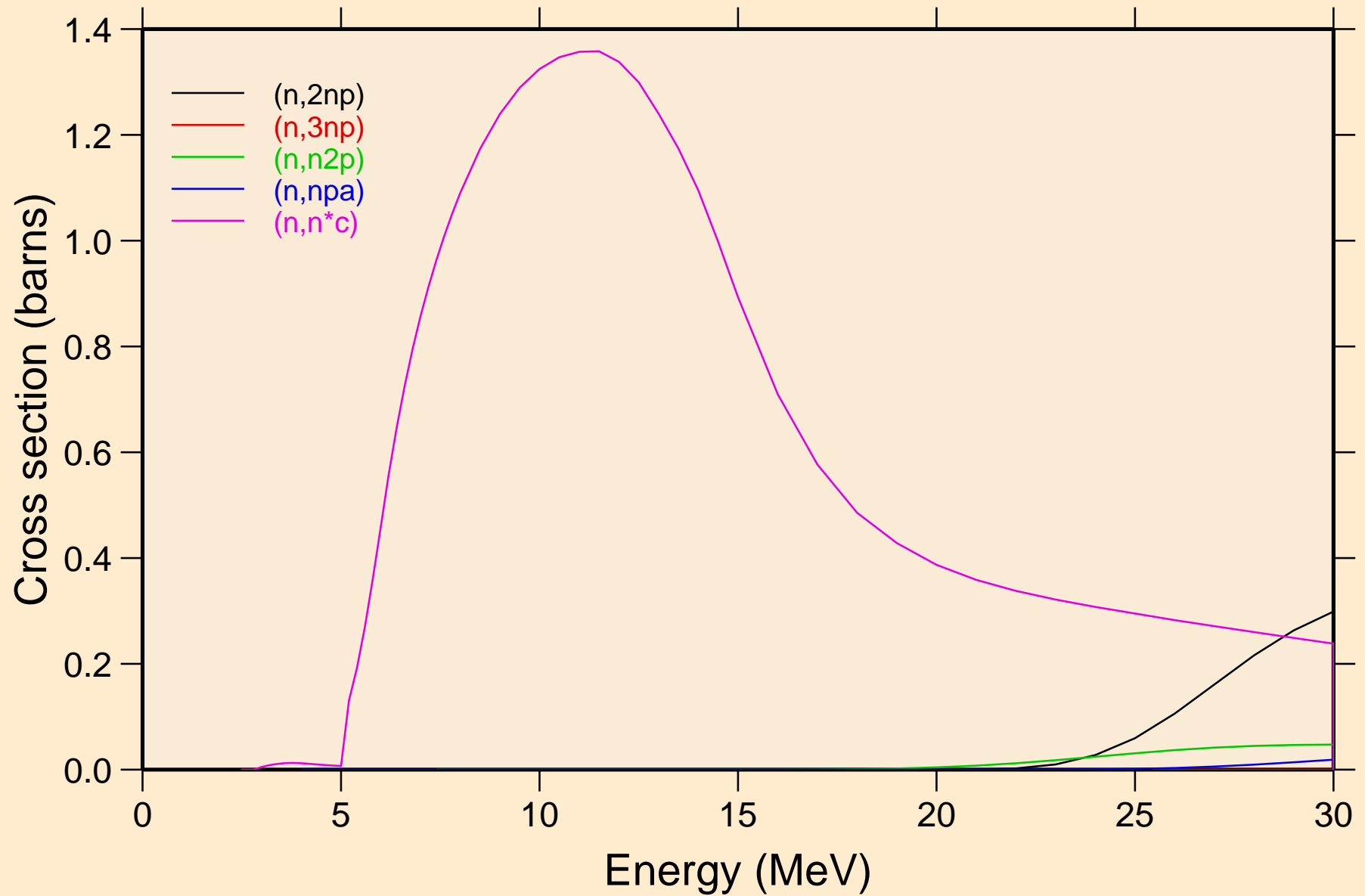


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

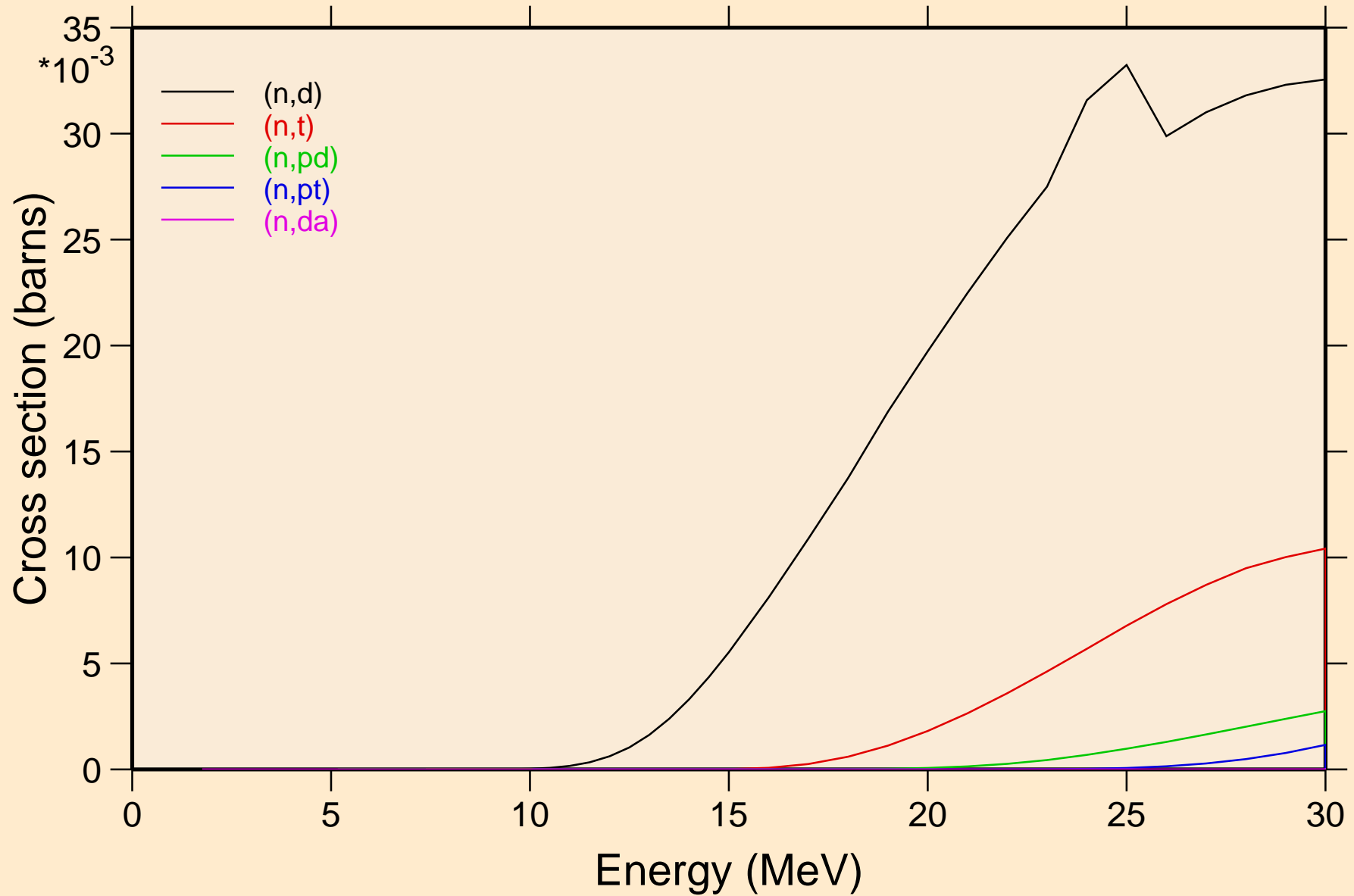
## Threshold reactions





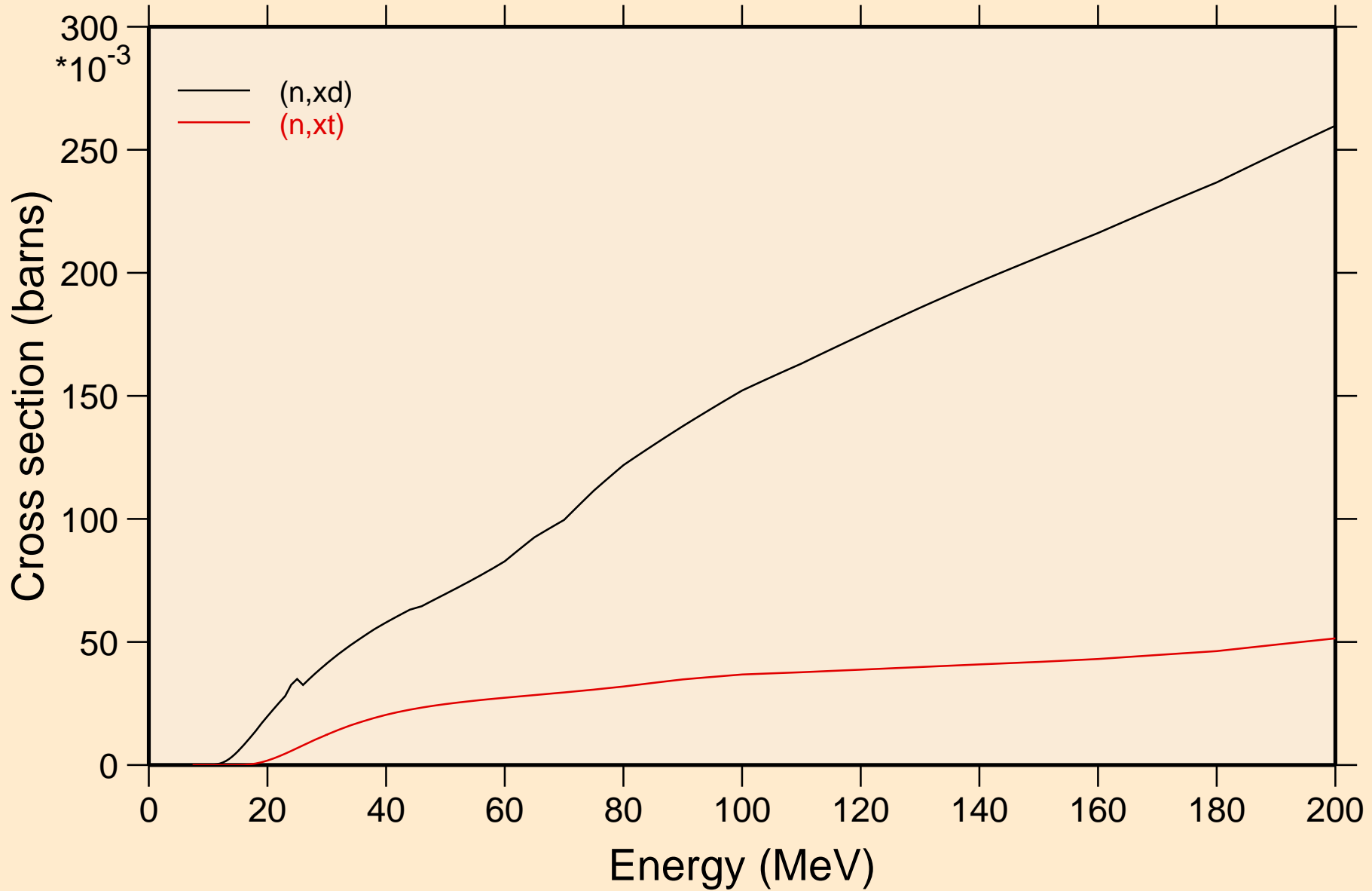
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

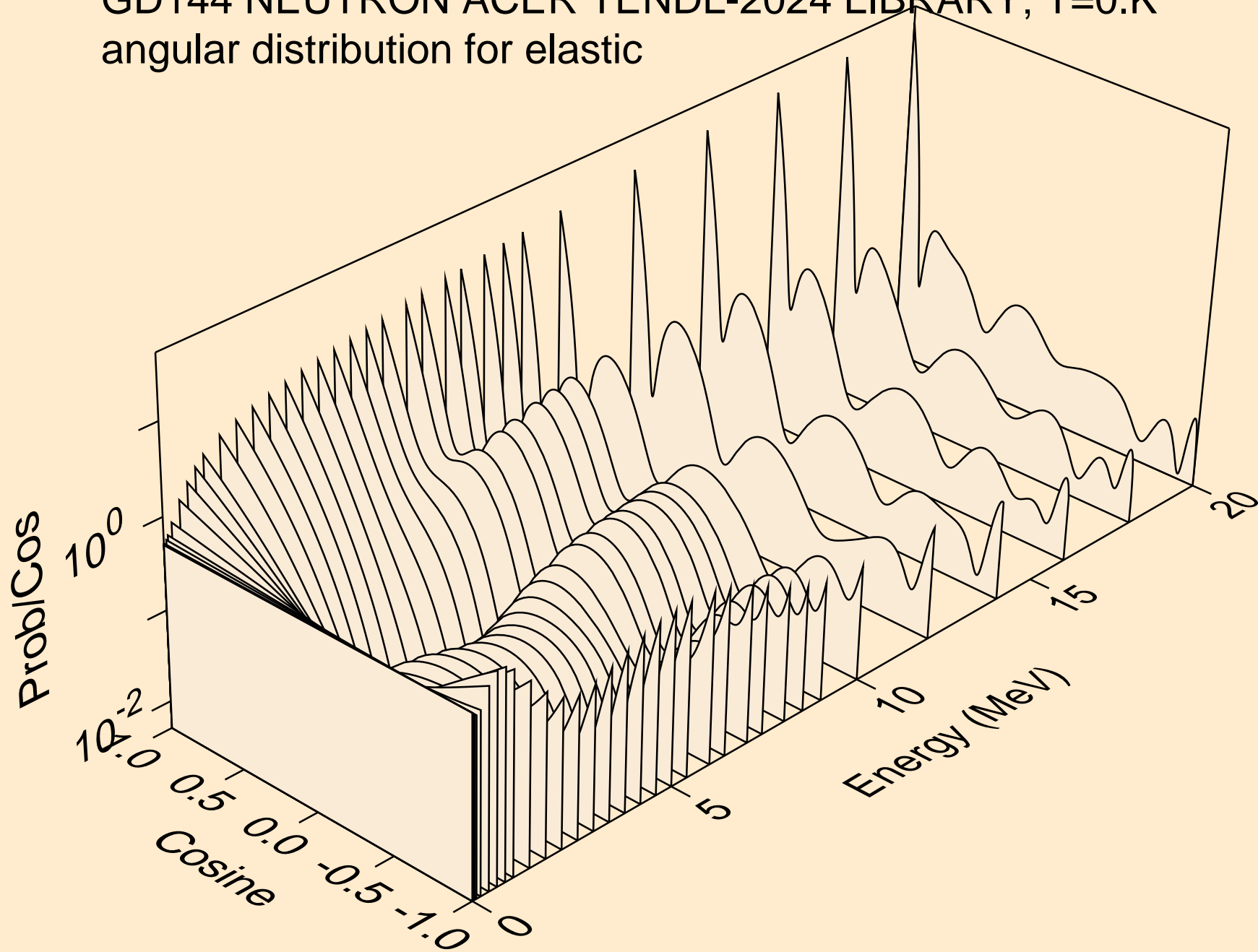


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

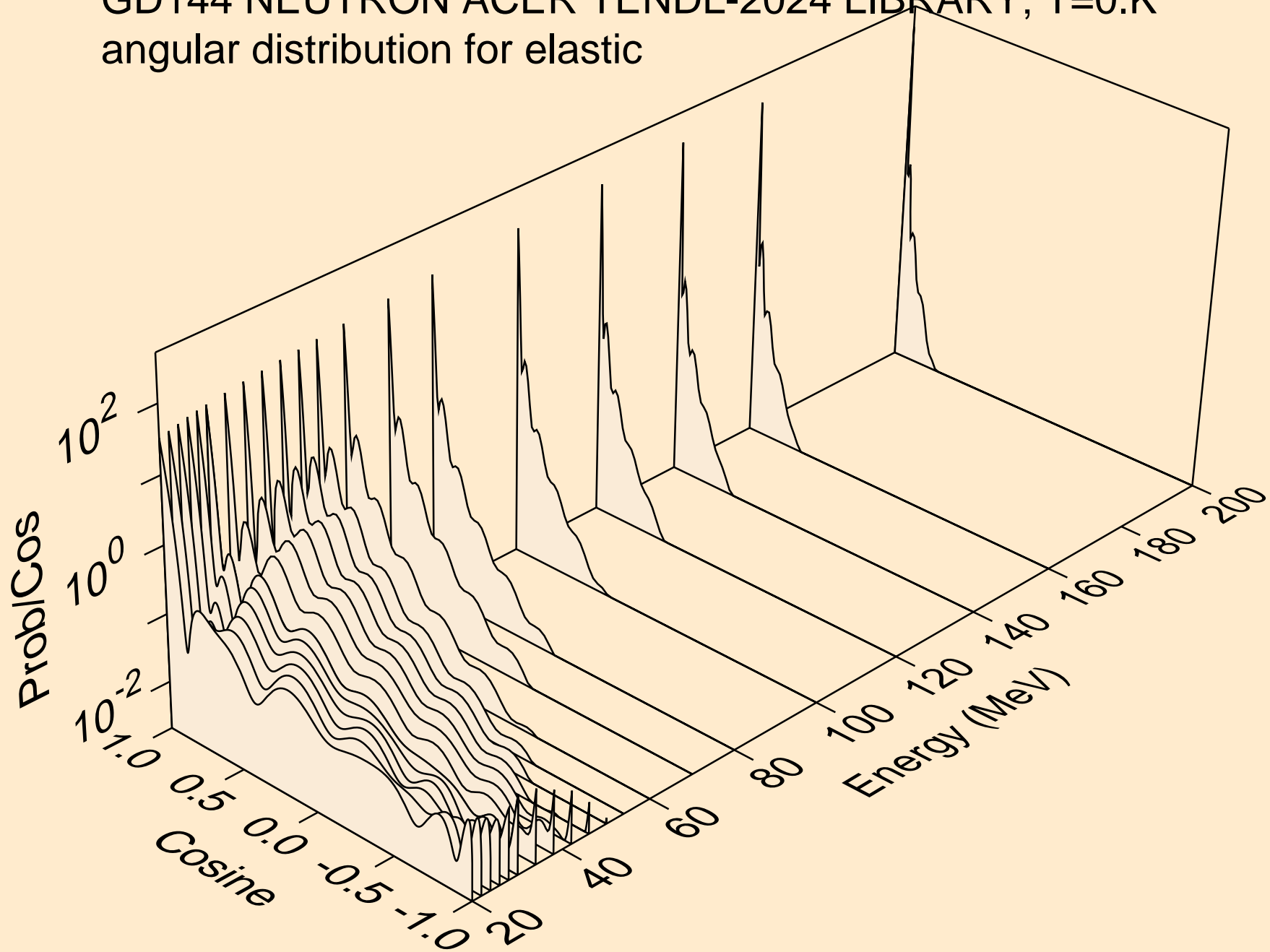
## Threshold reactions



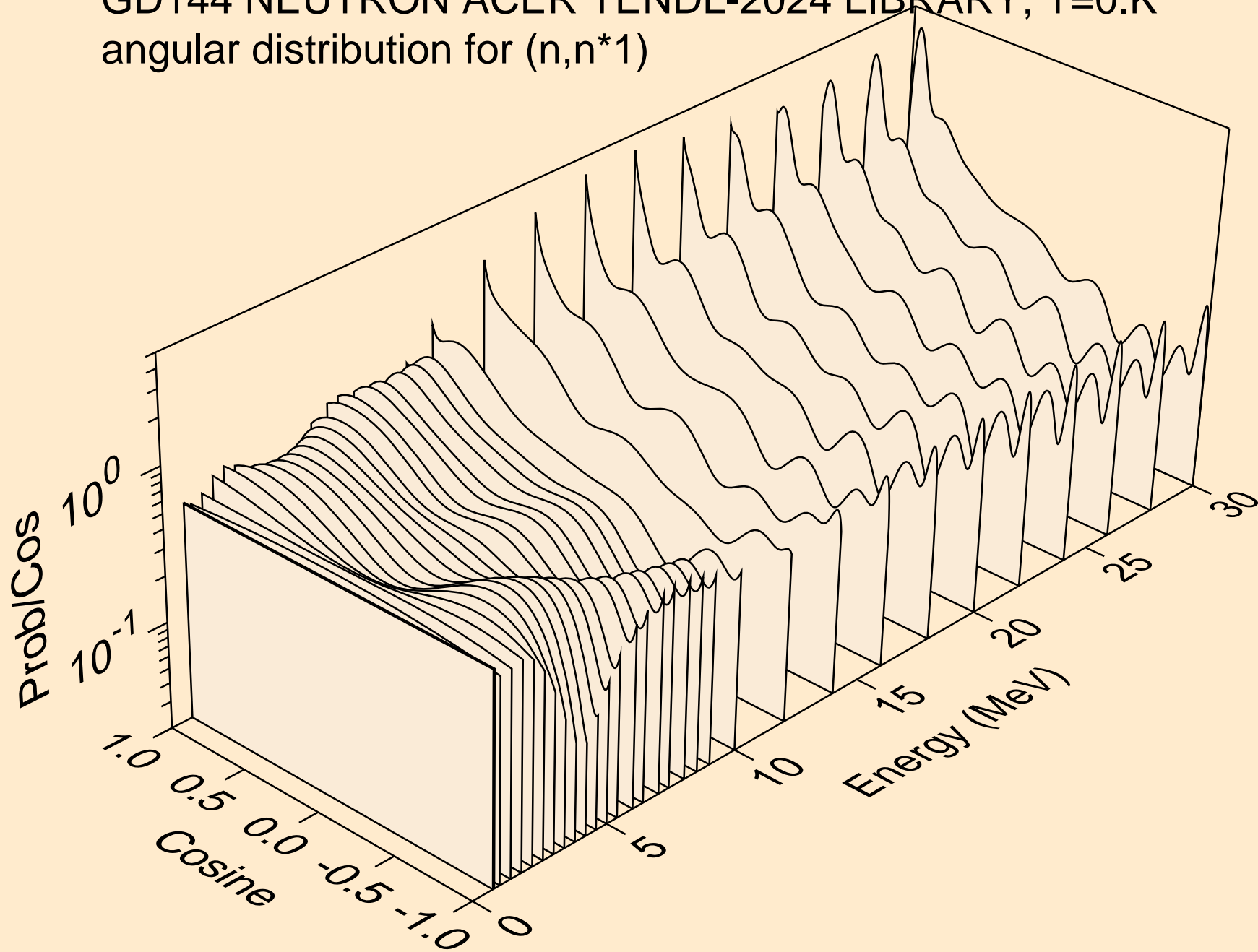
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



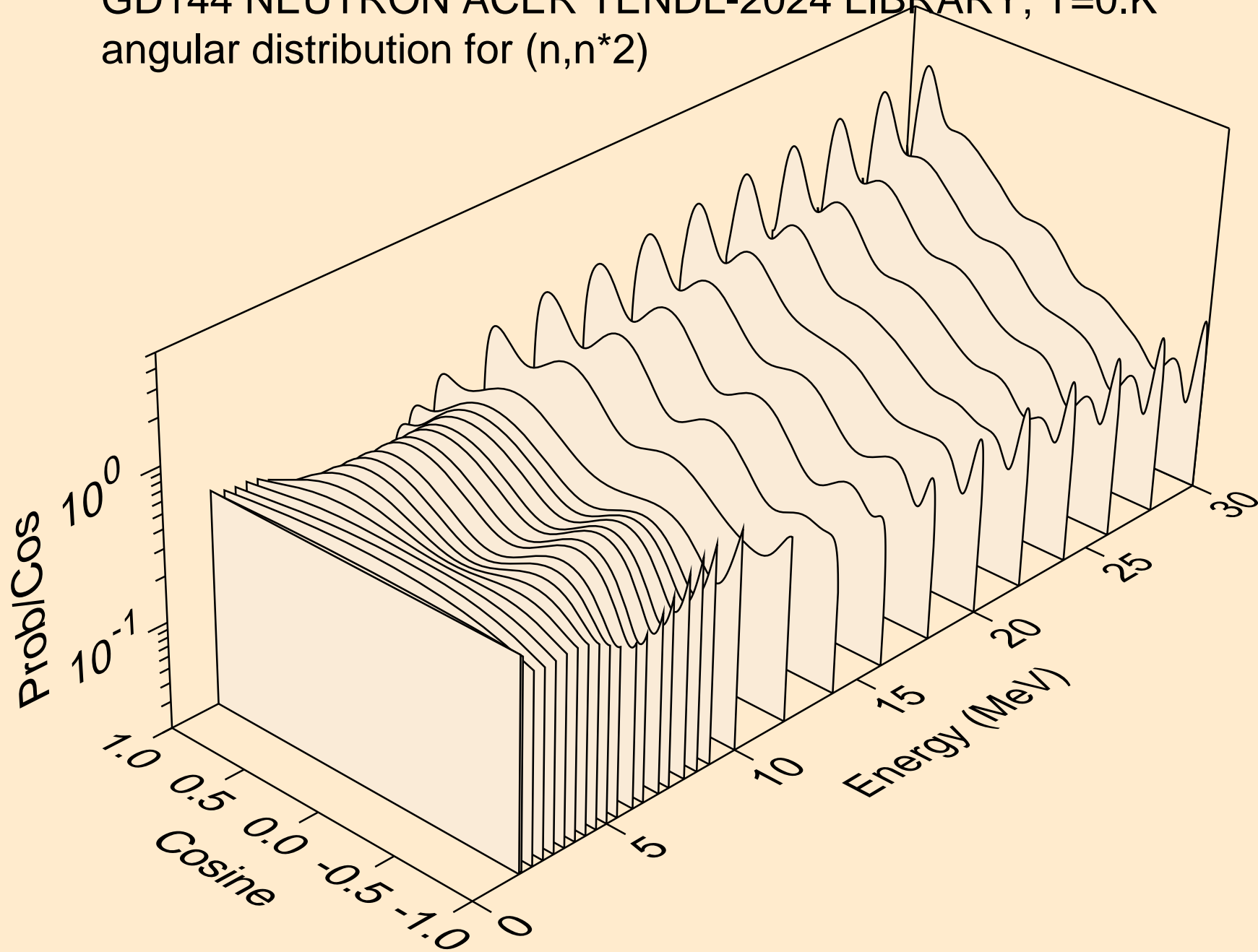
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



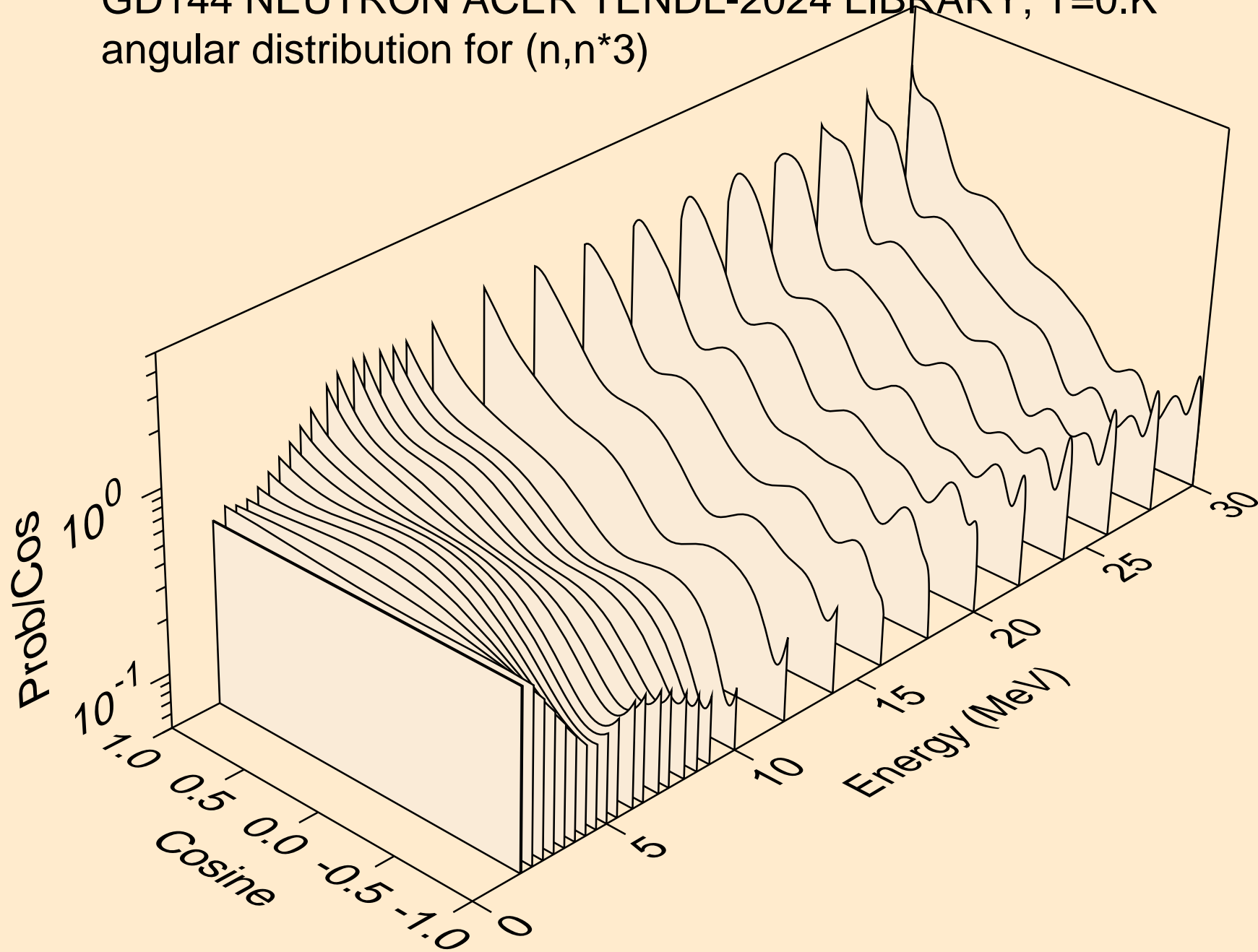
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



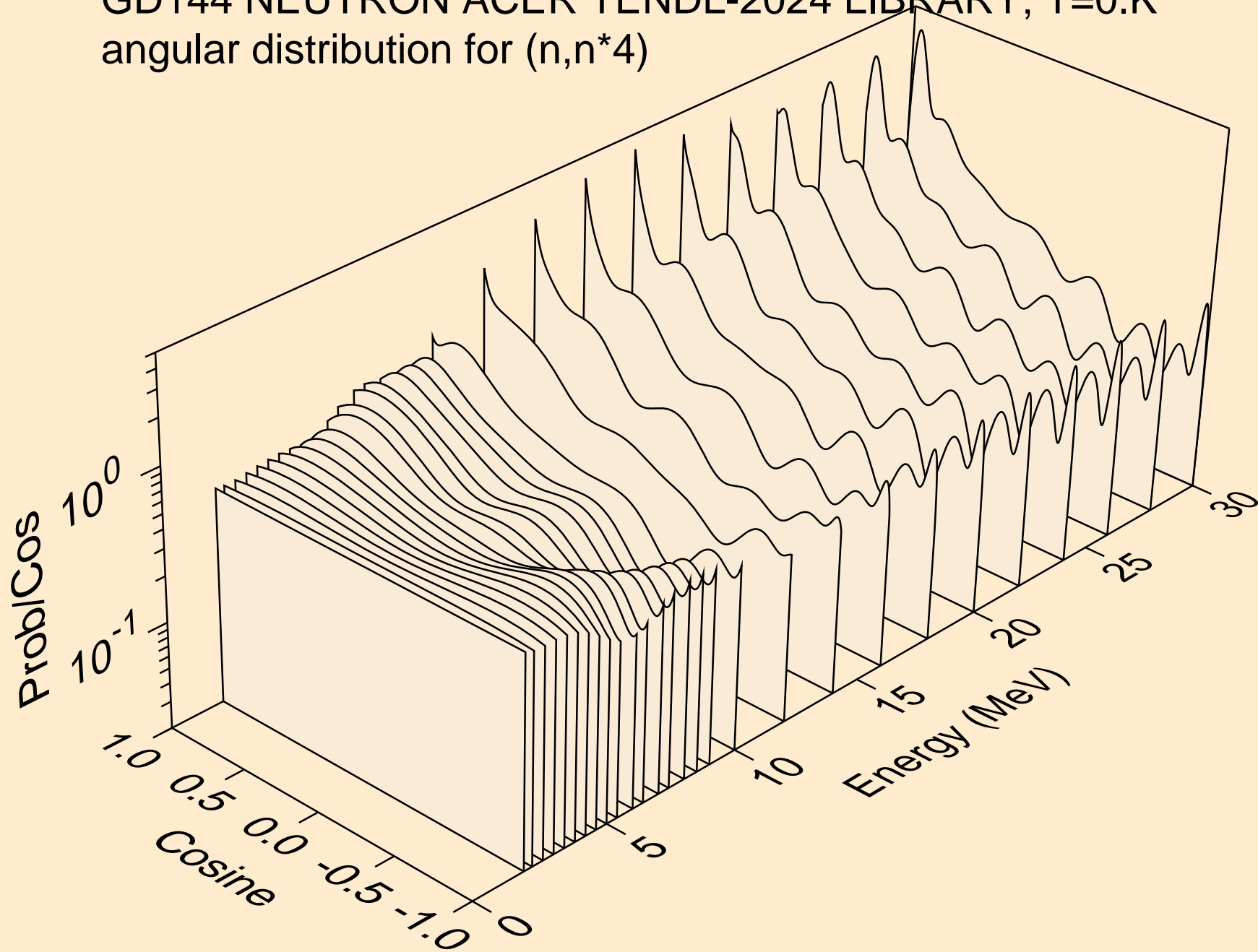
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

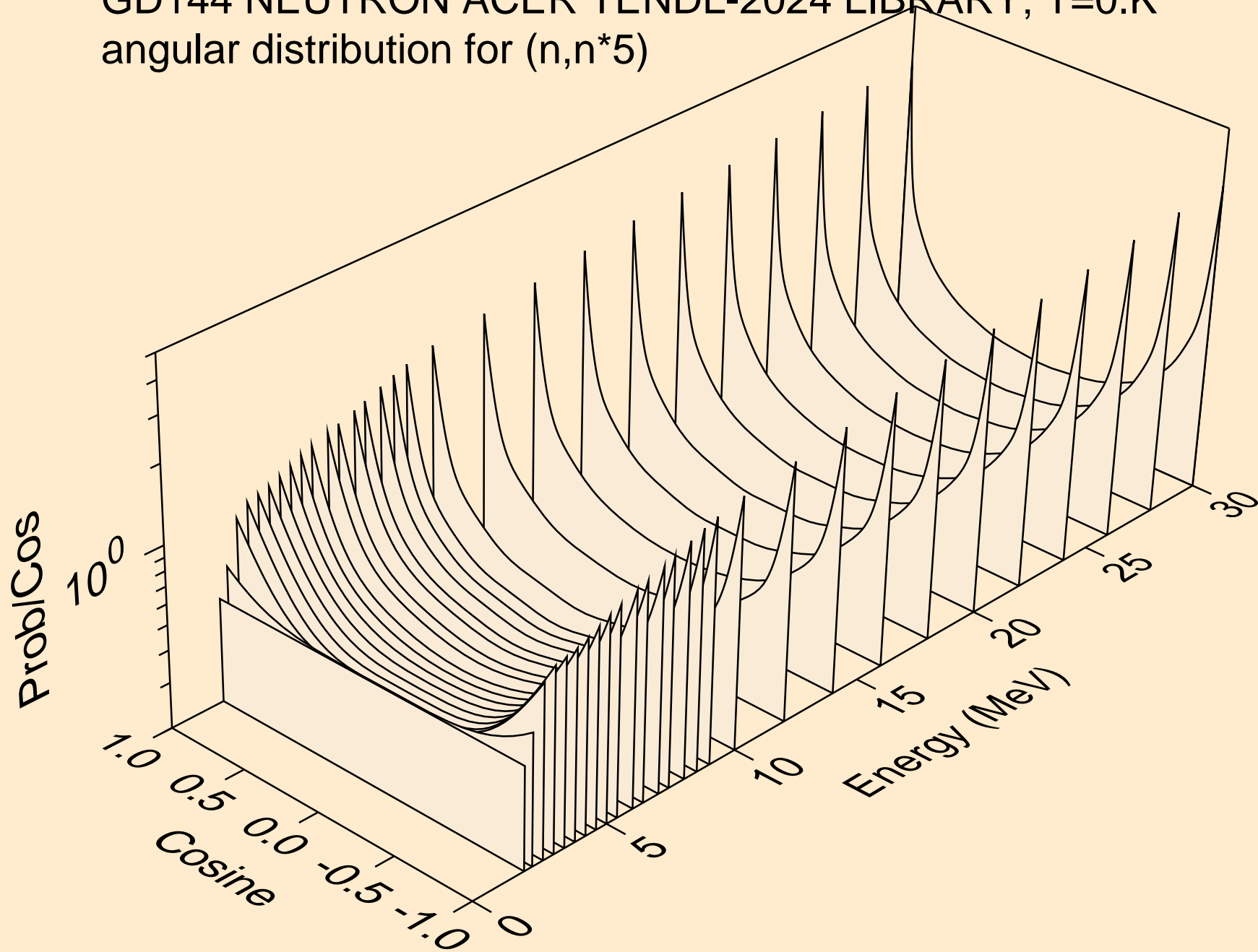


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

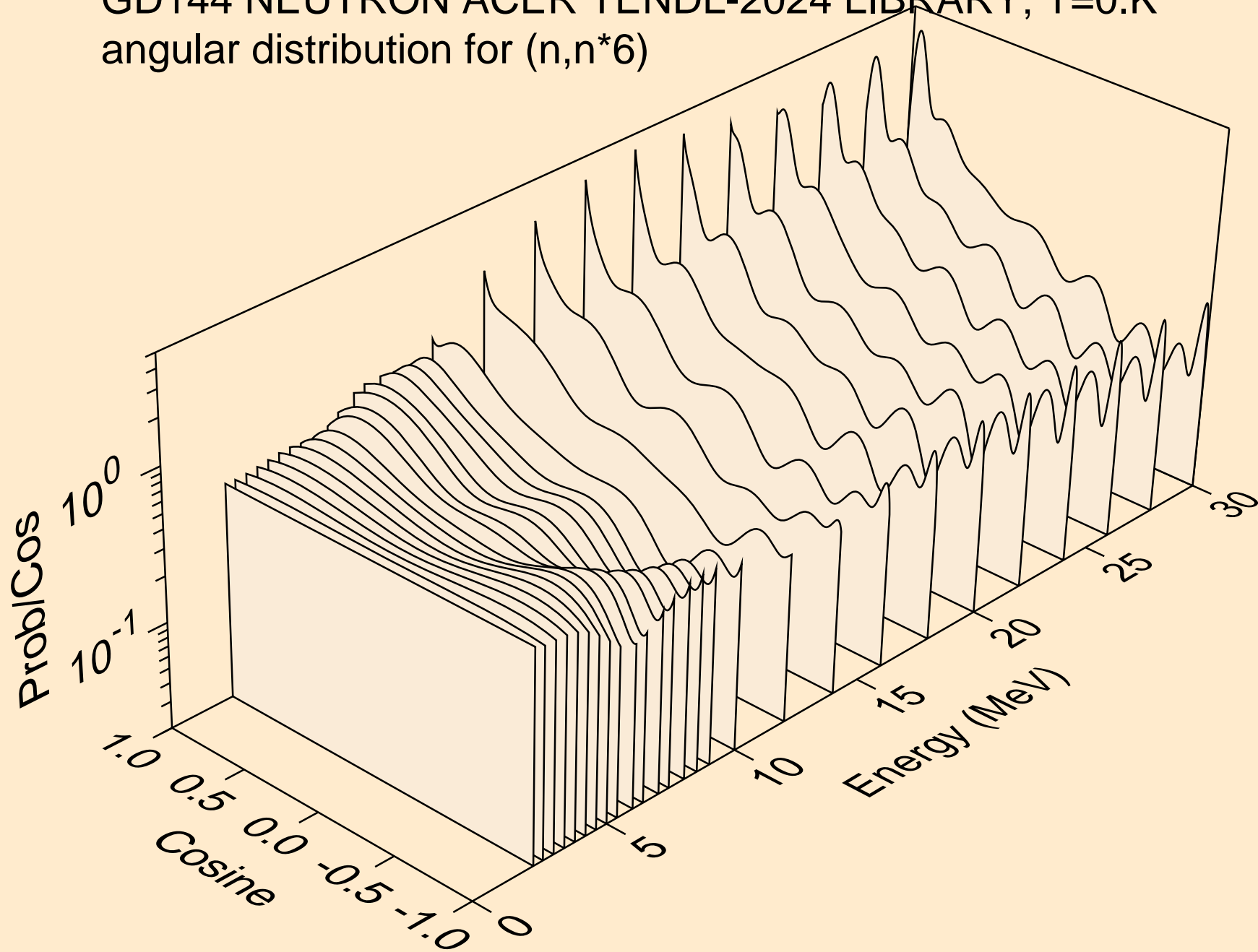




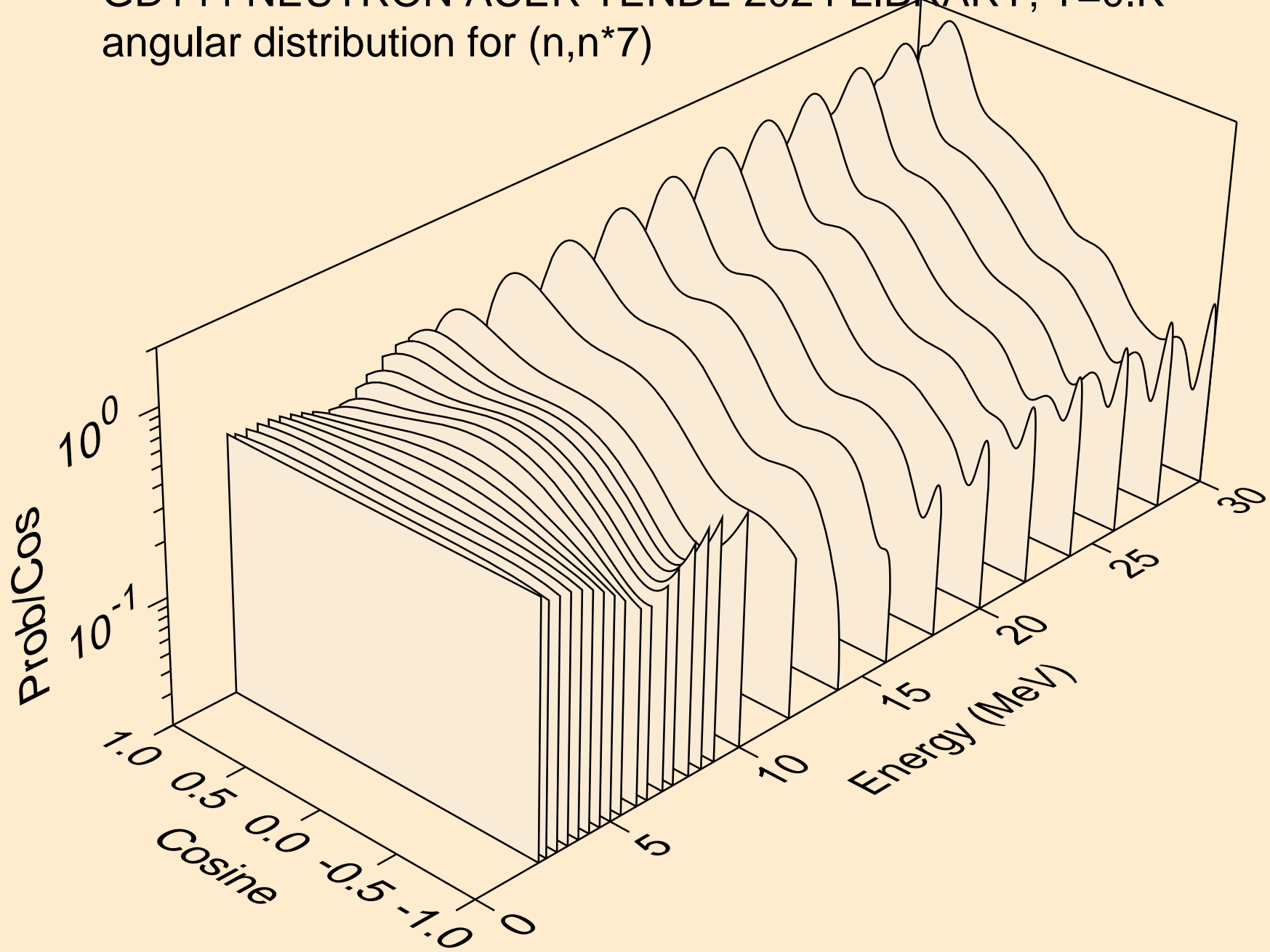
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



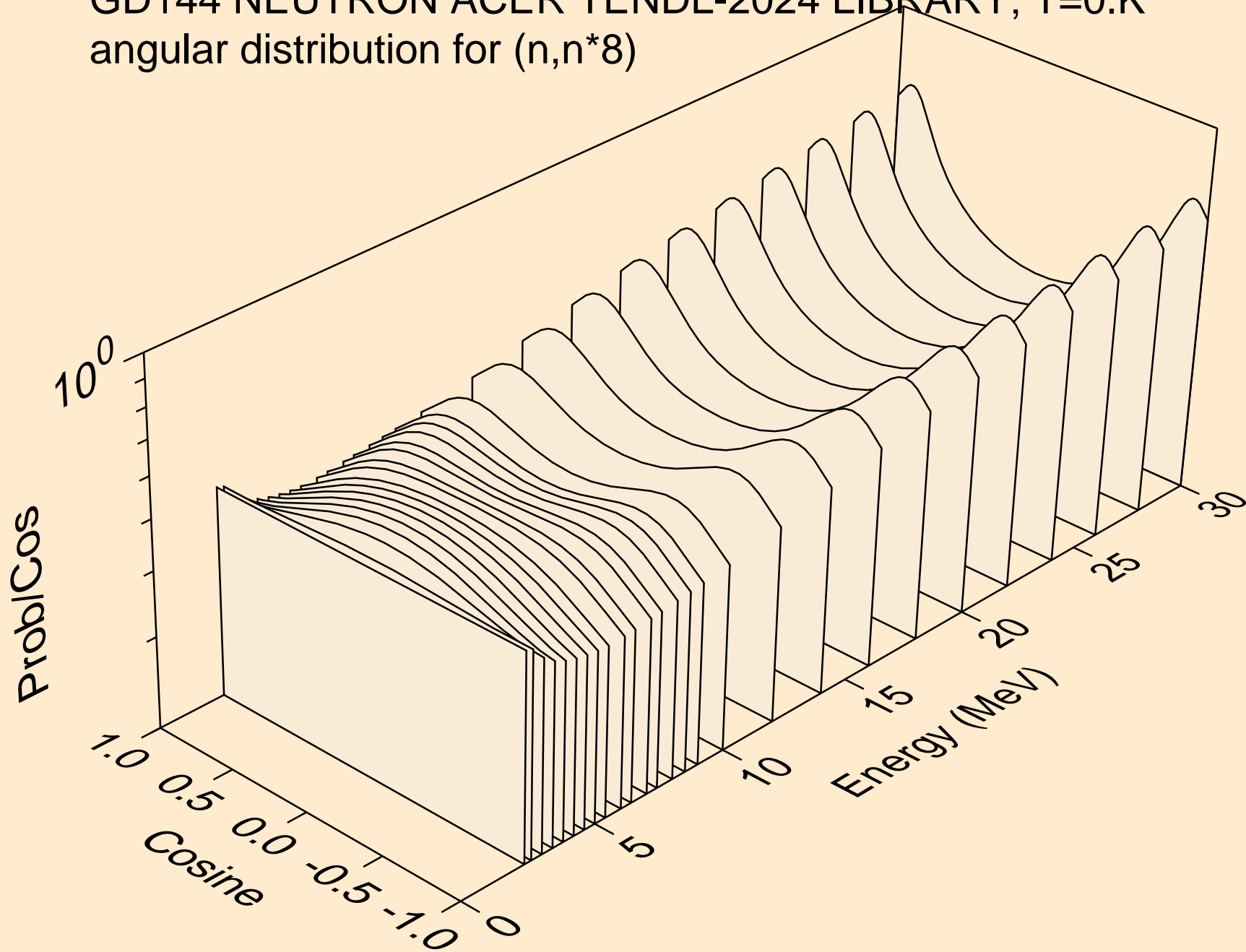
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



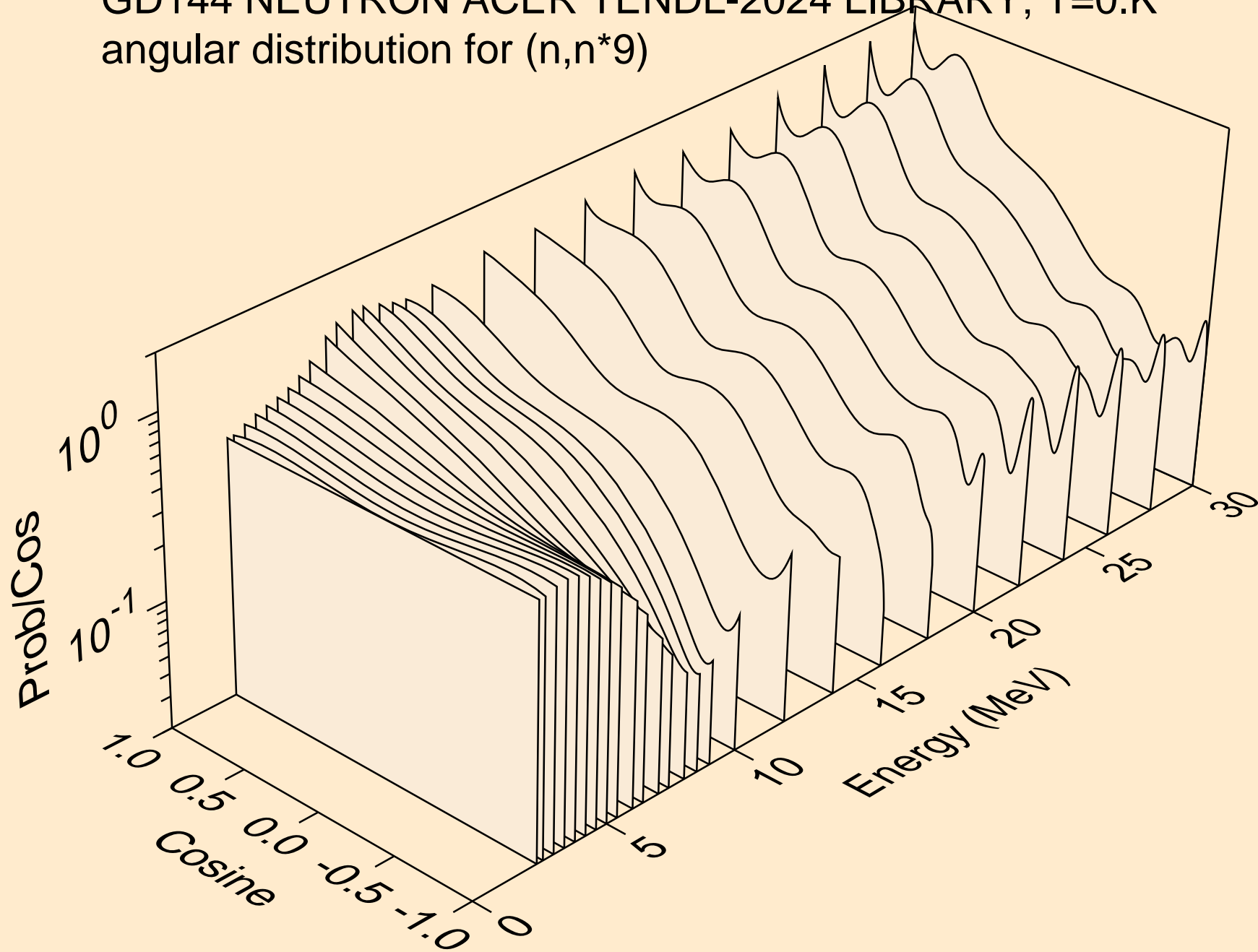
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



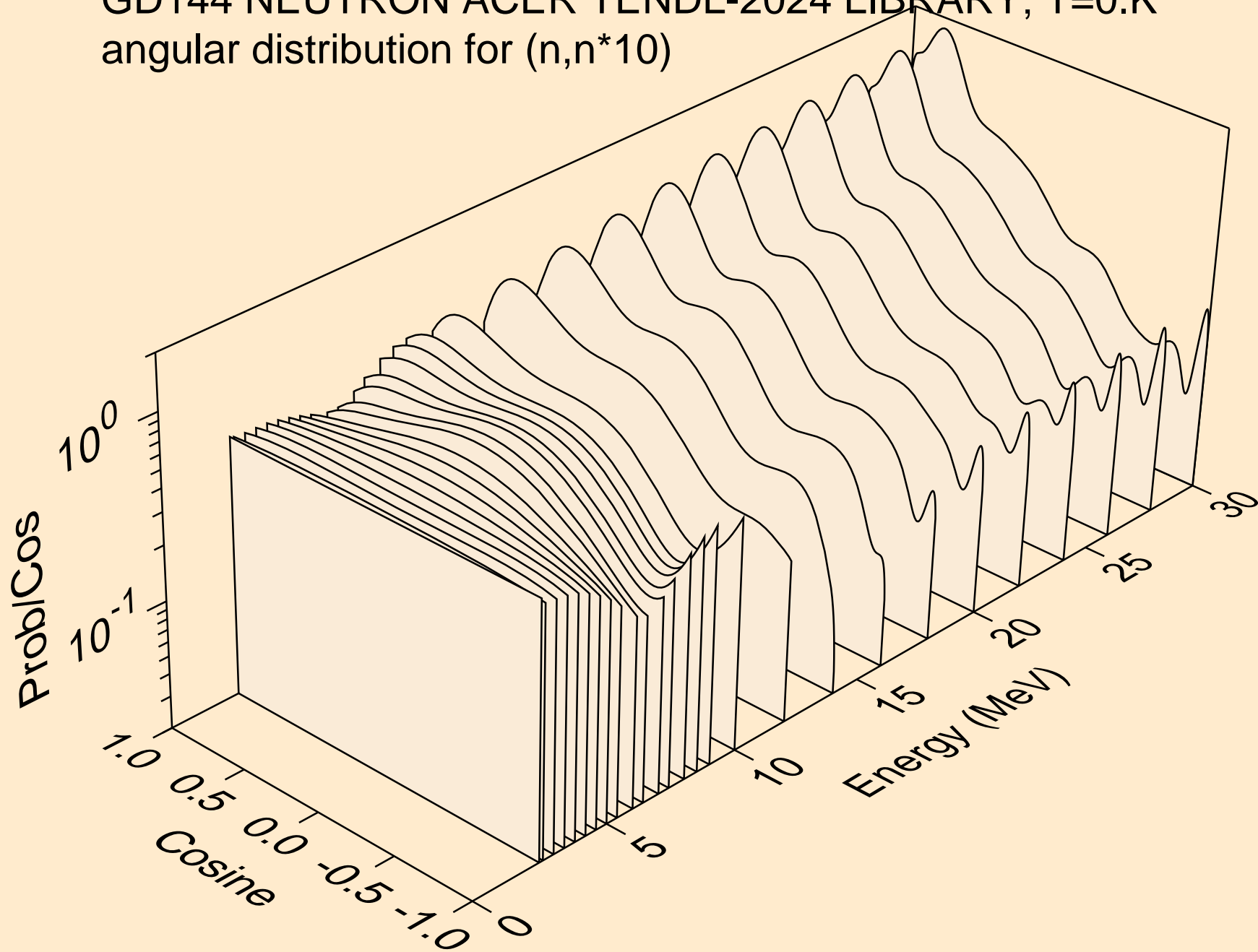
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



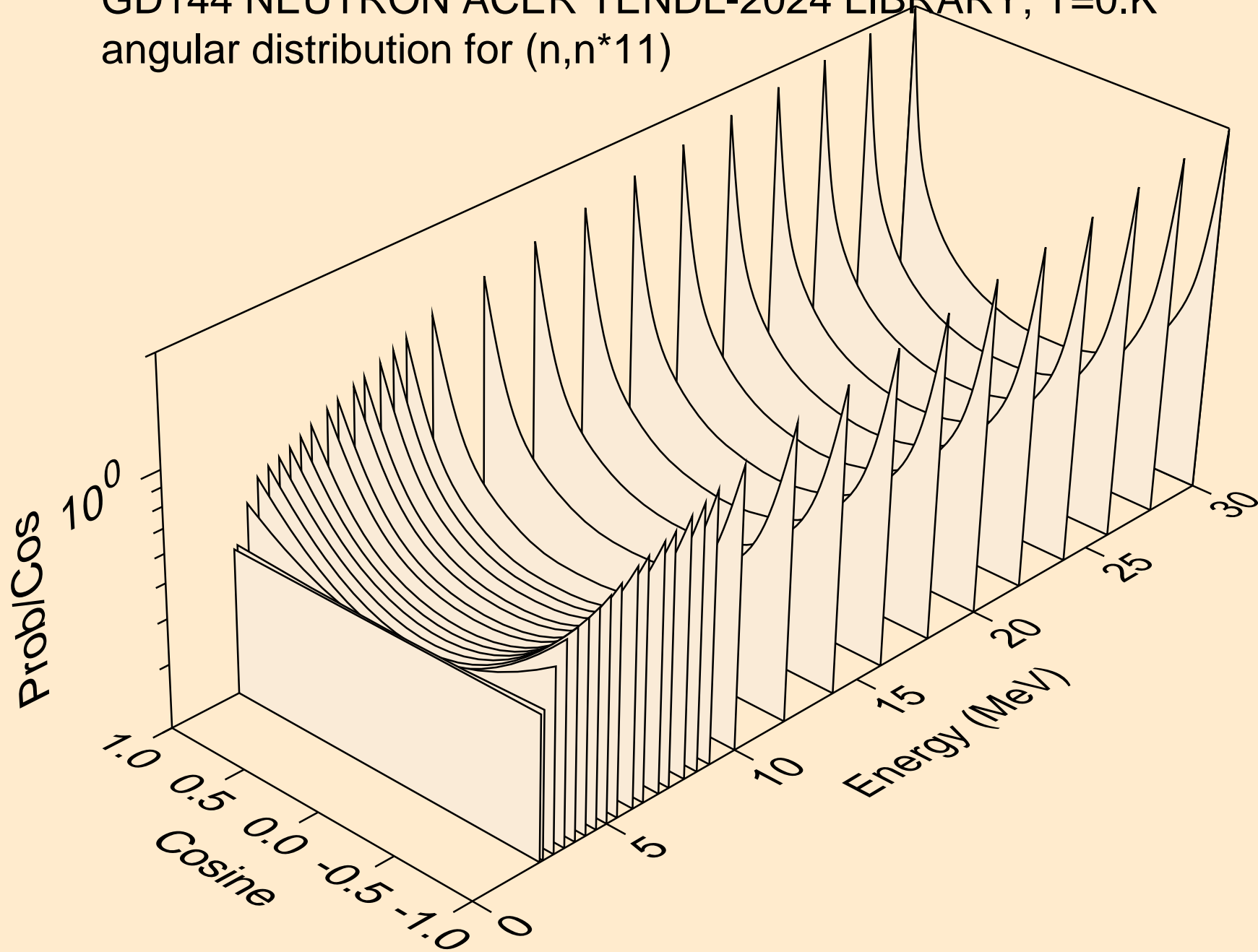
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



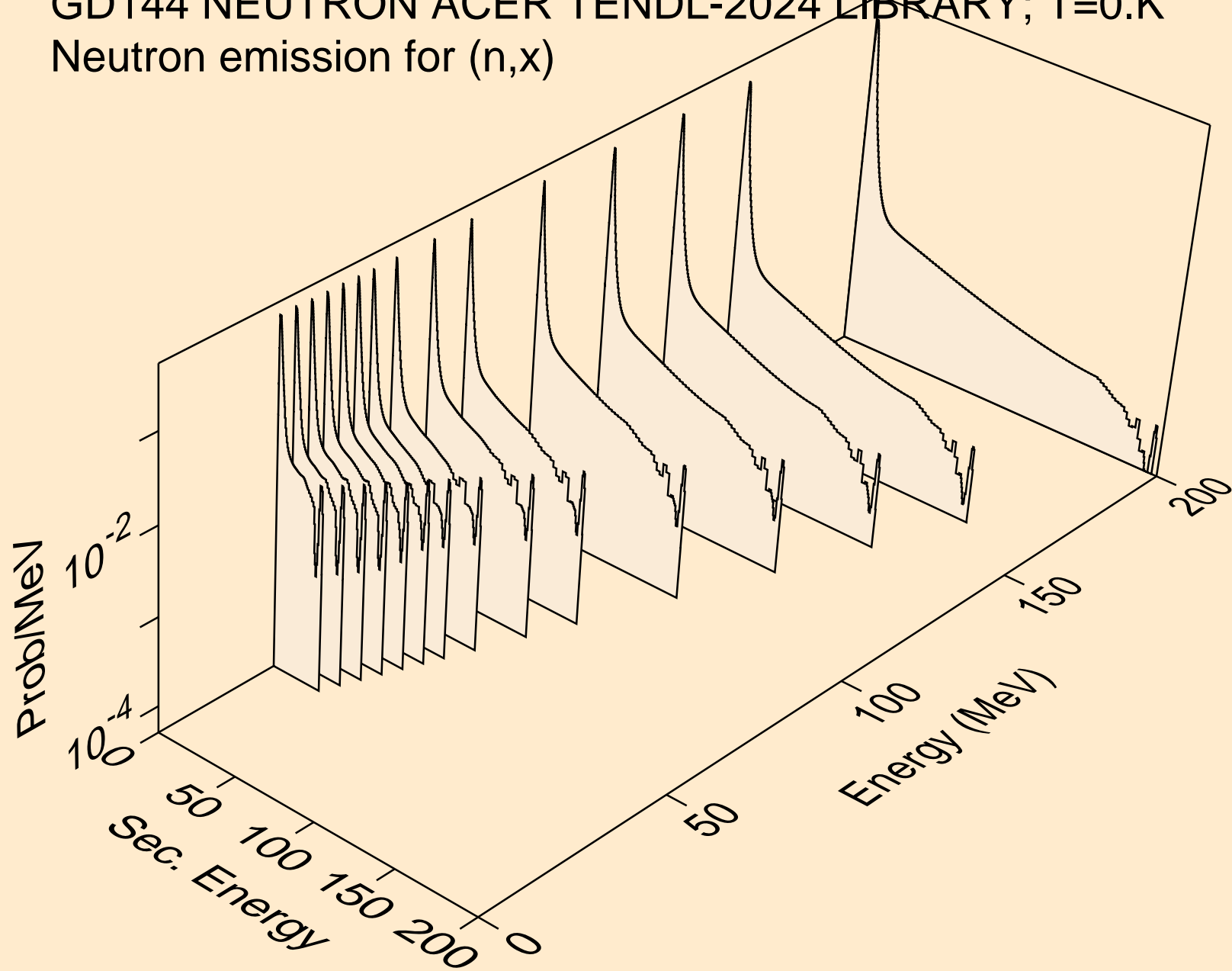
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

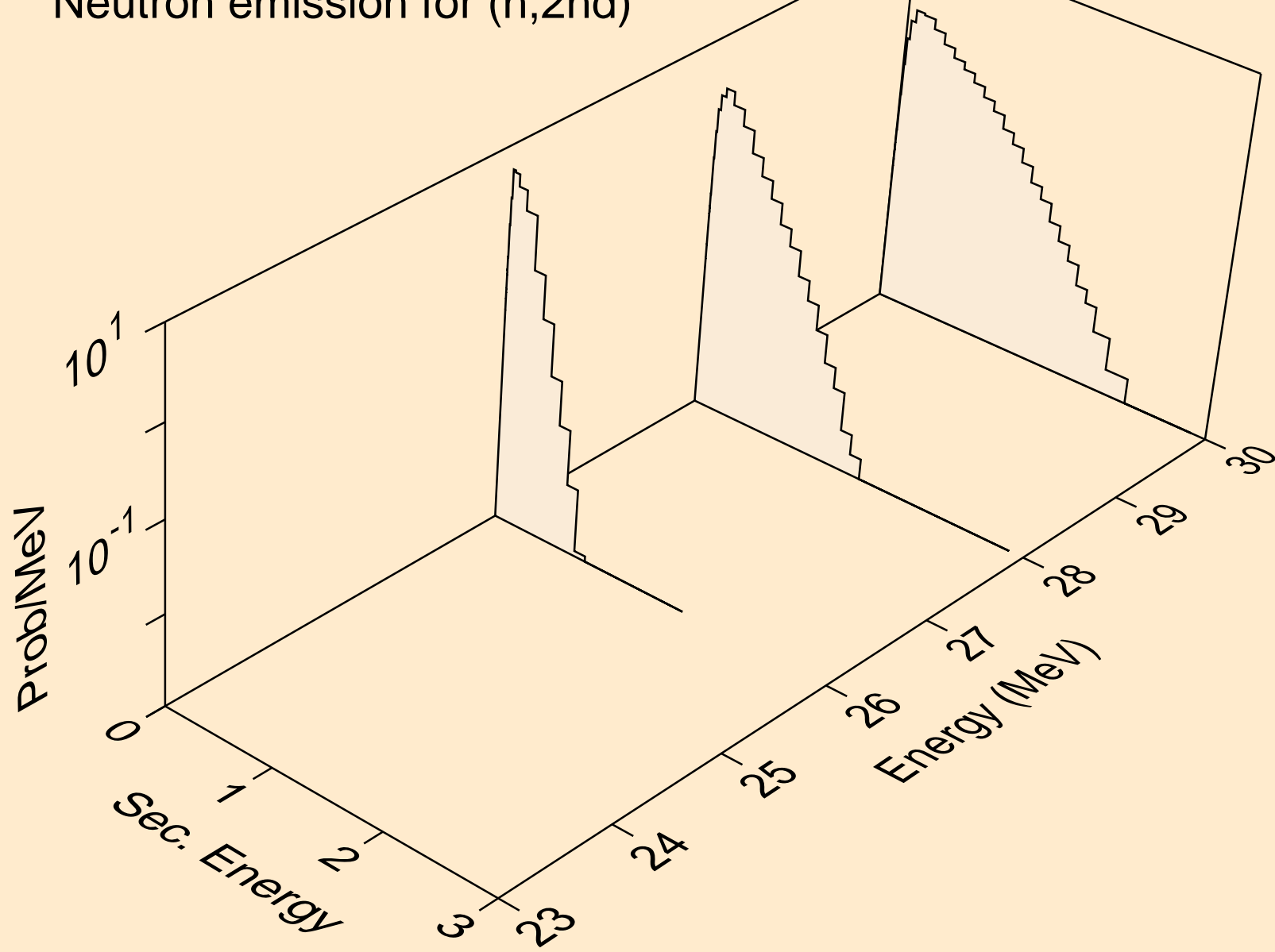


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

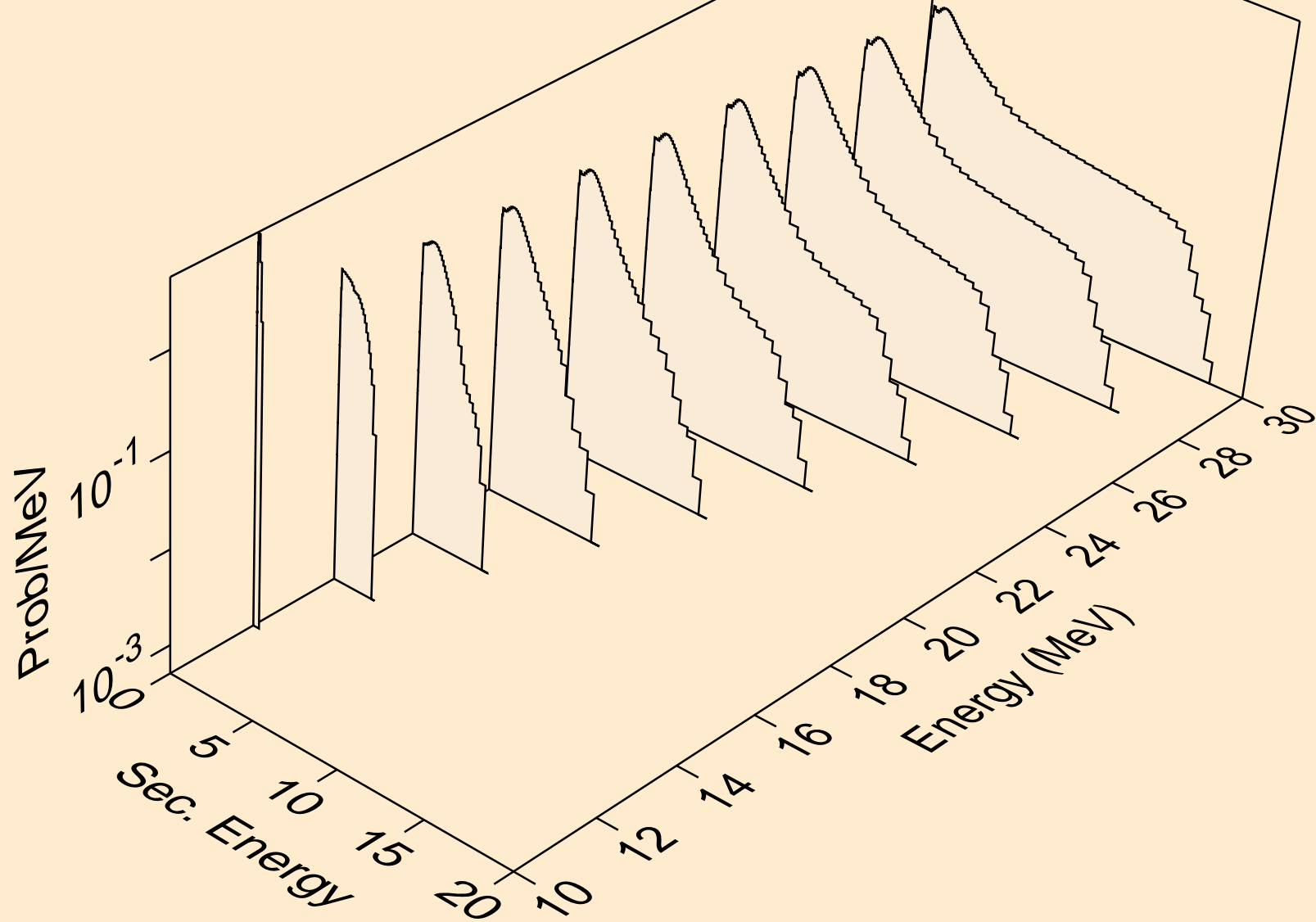




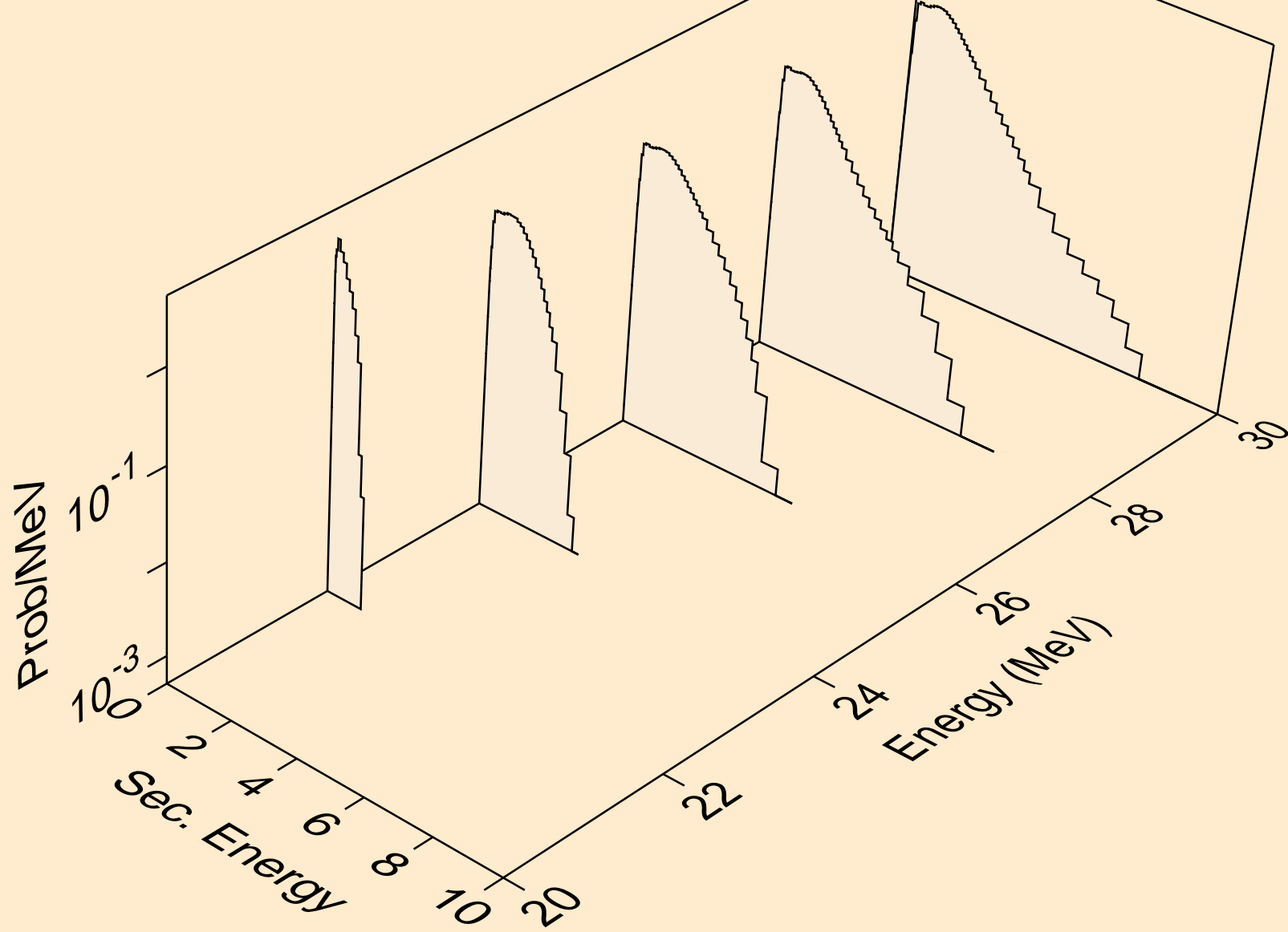
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



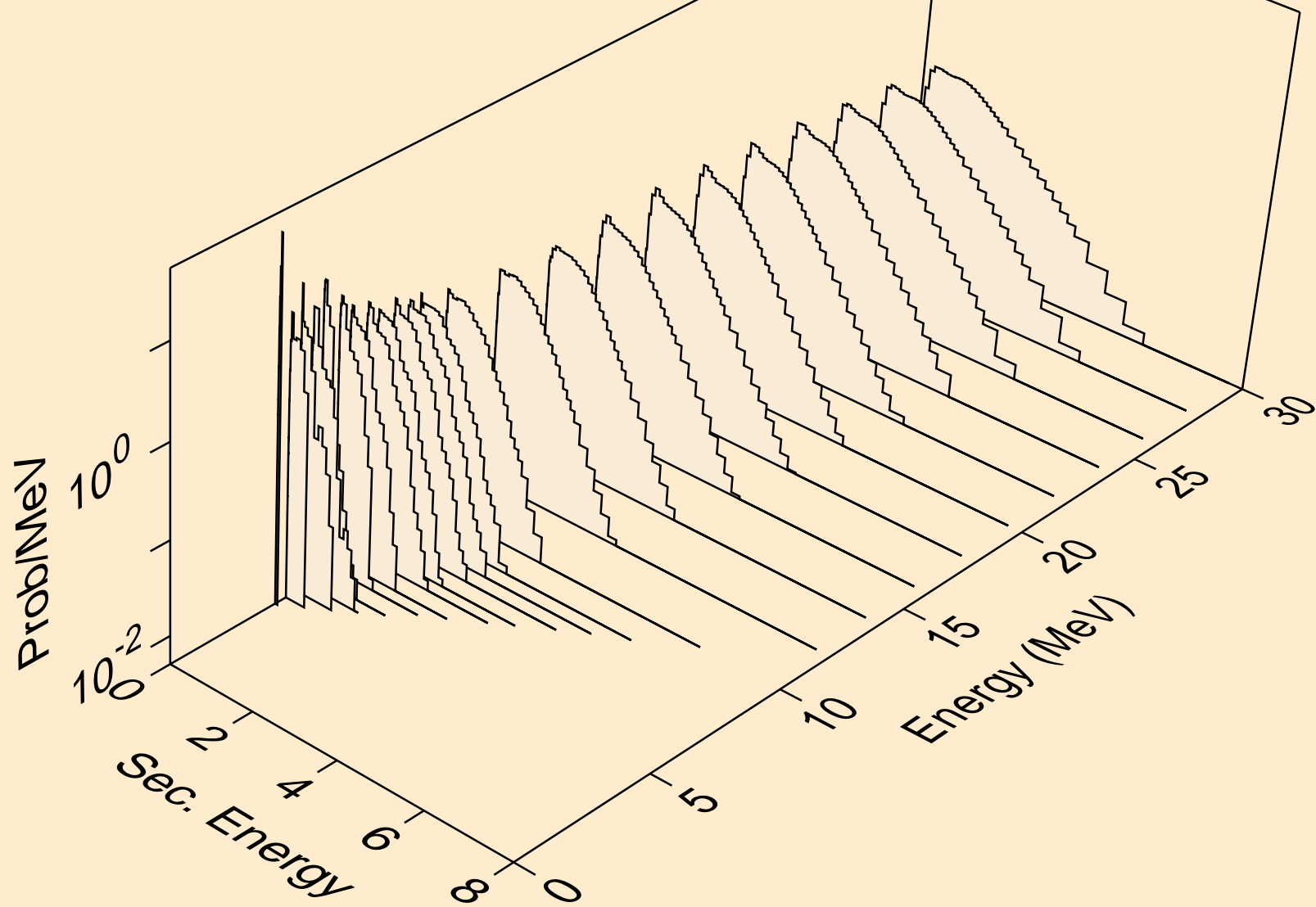
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



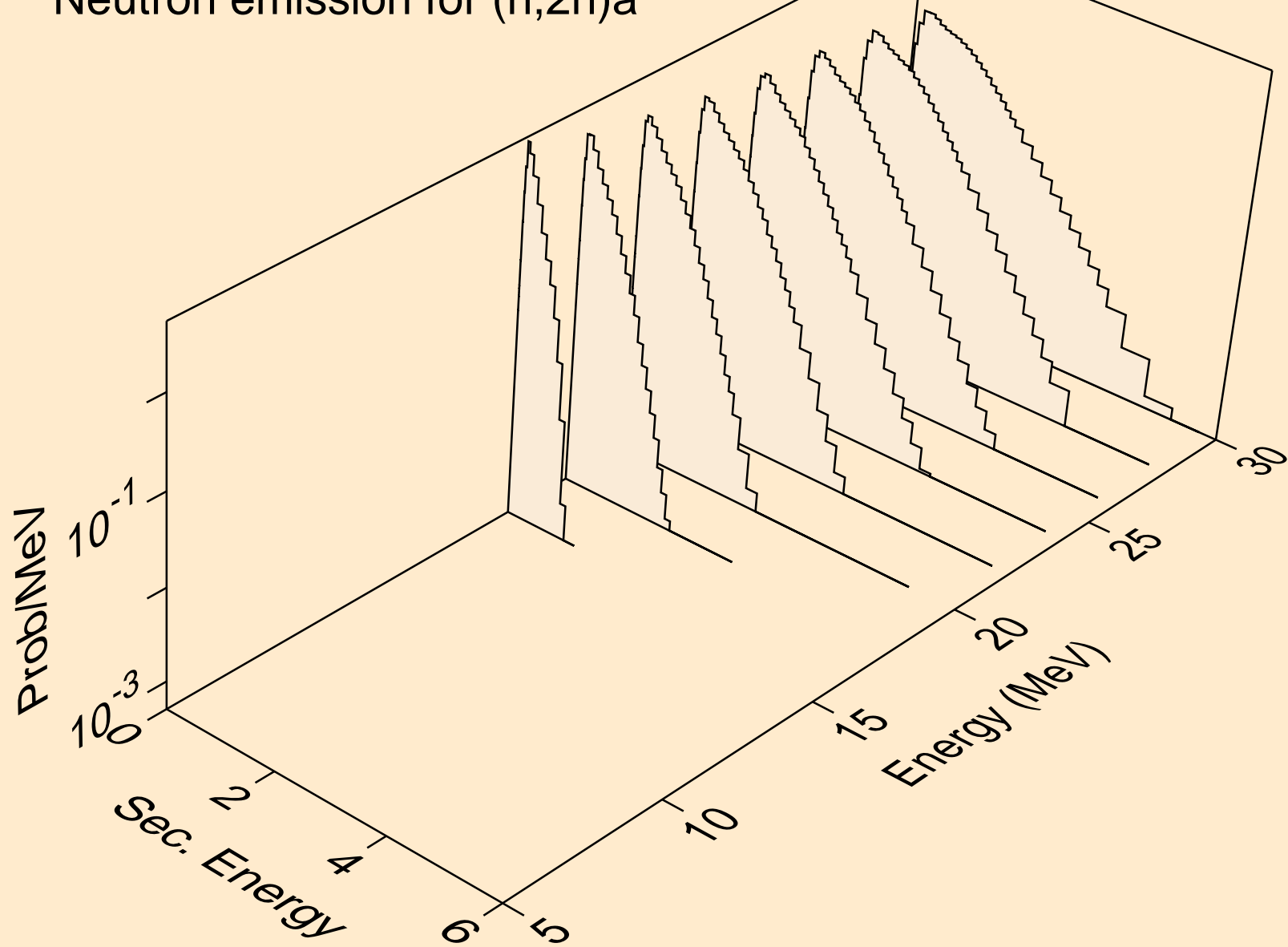
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



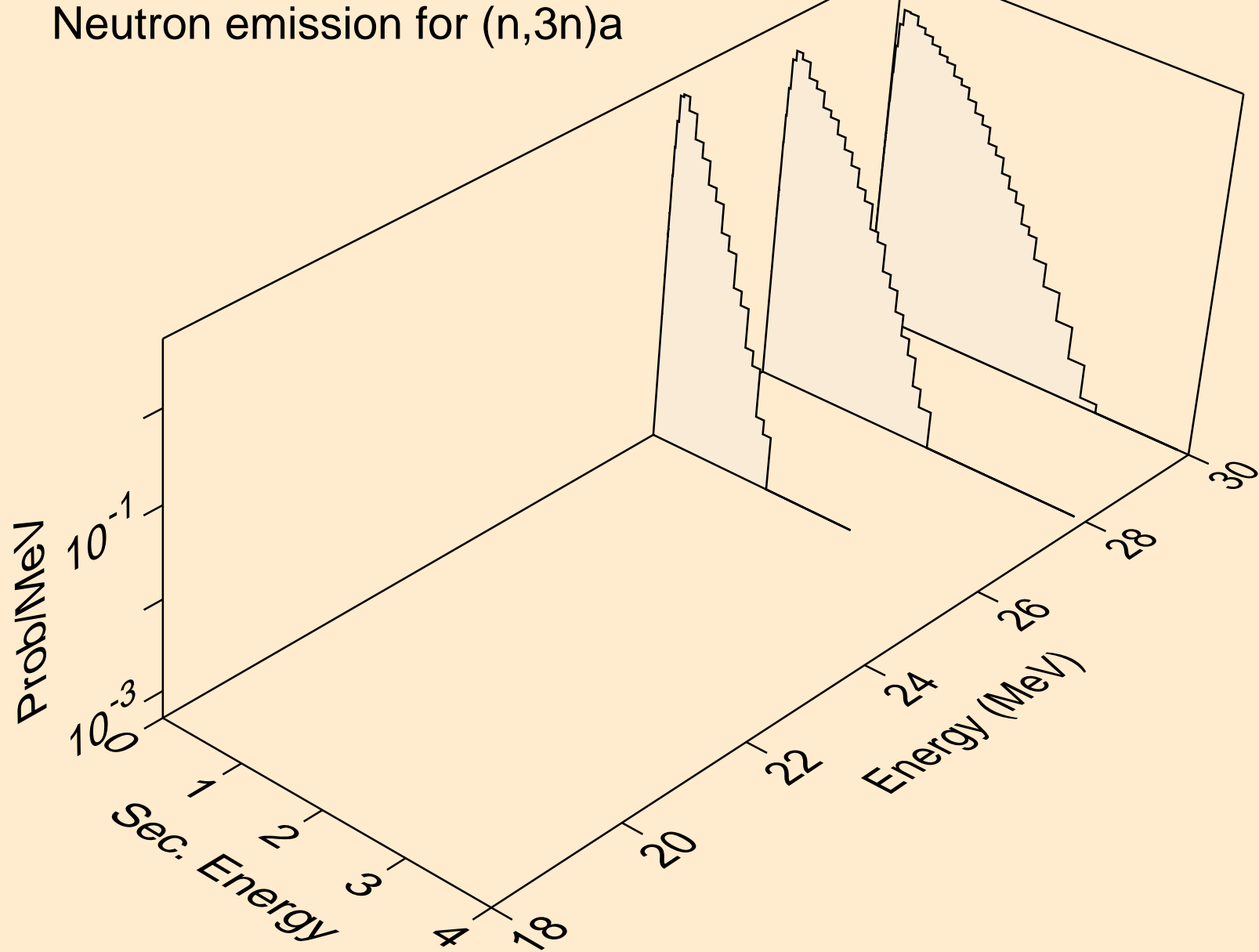
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



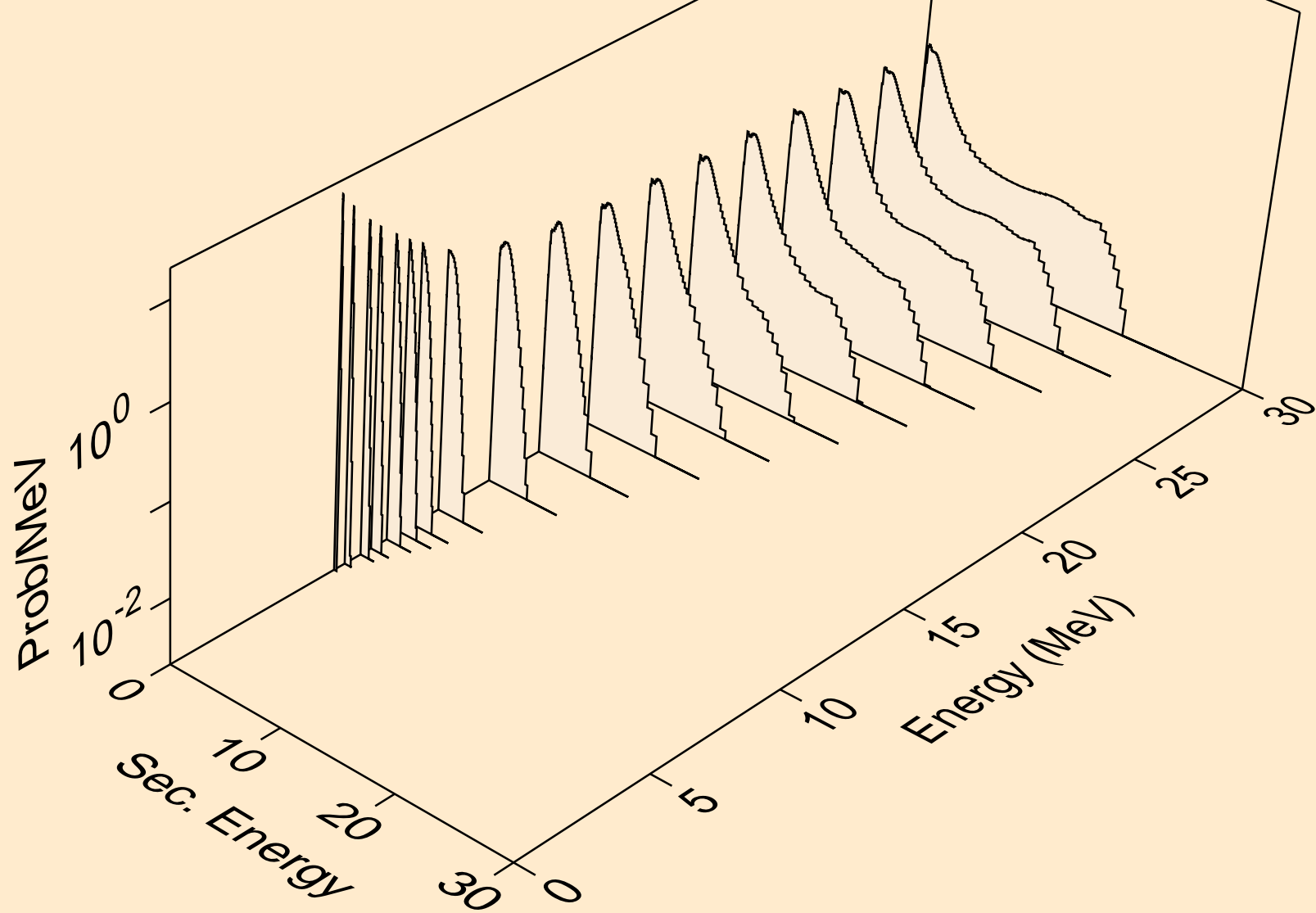
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



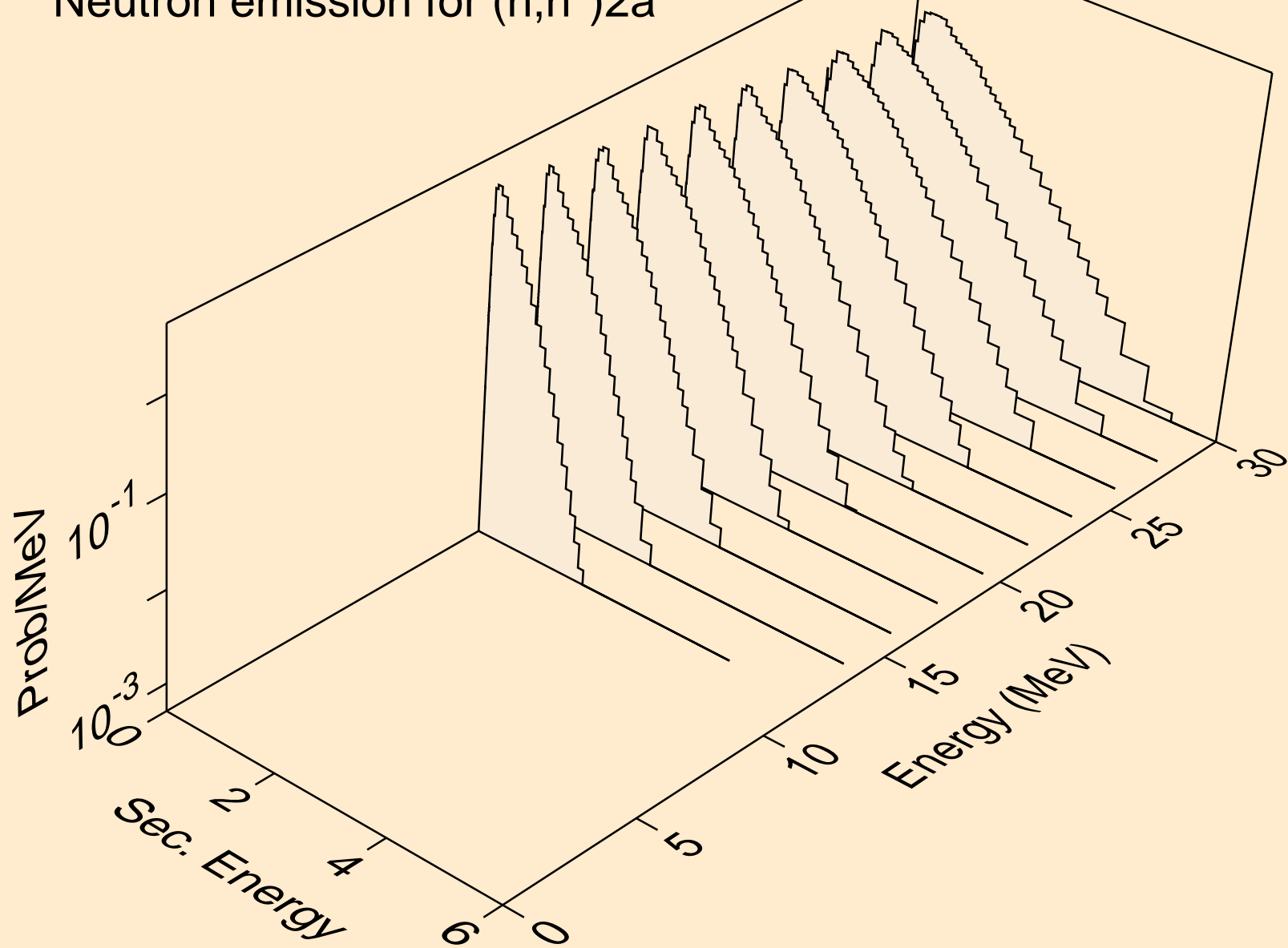
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

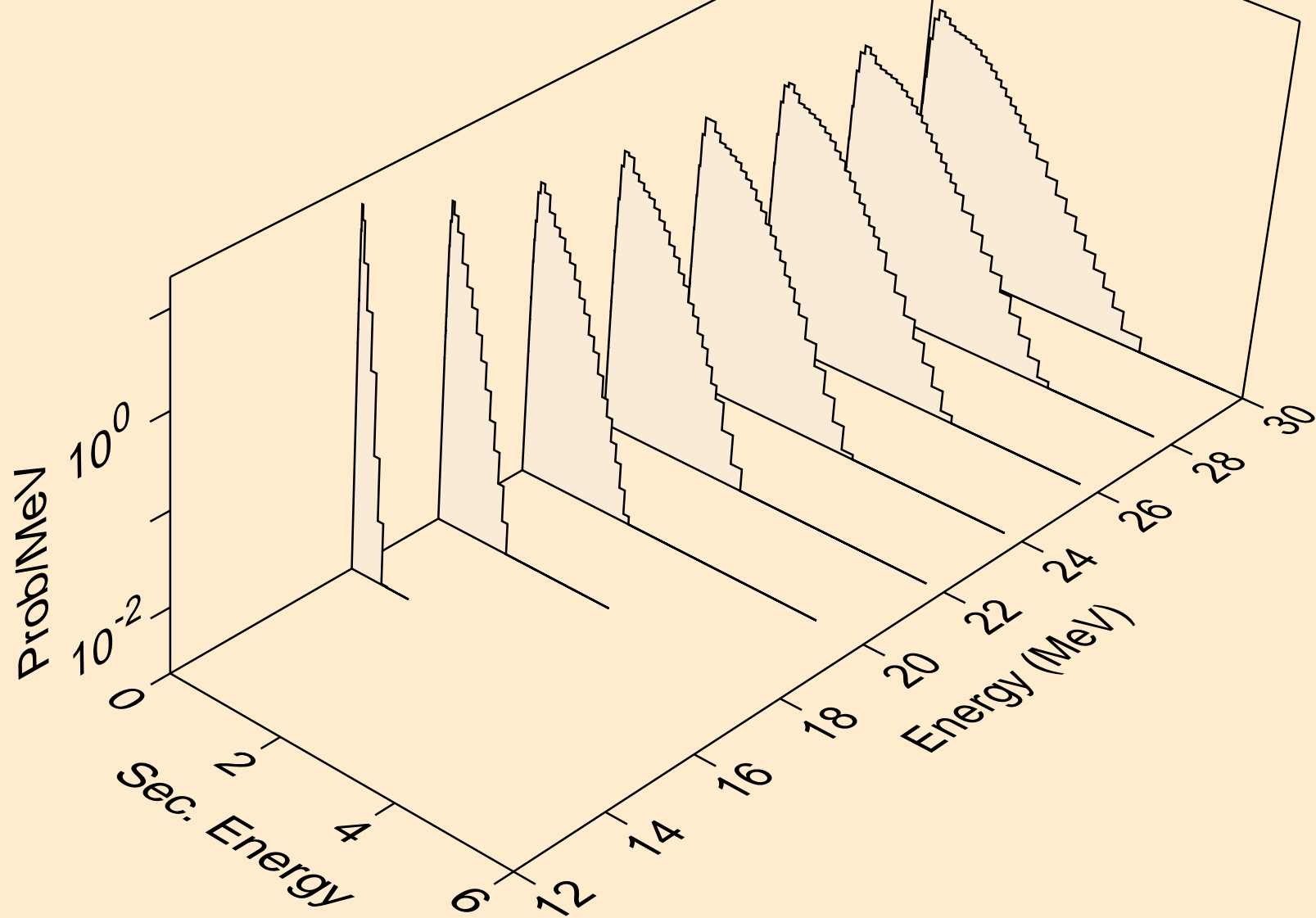


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

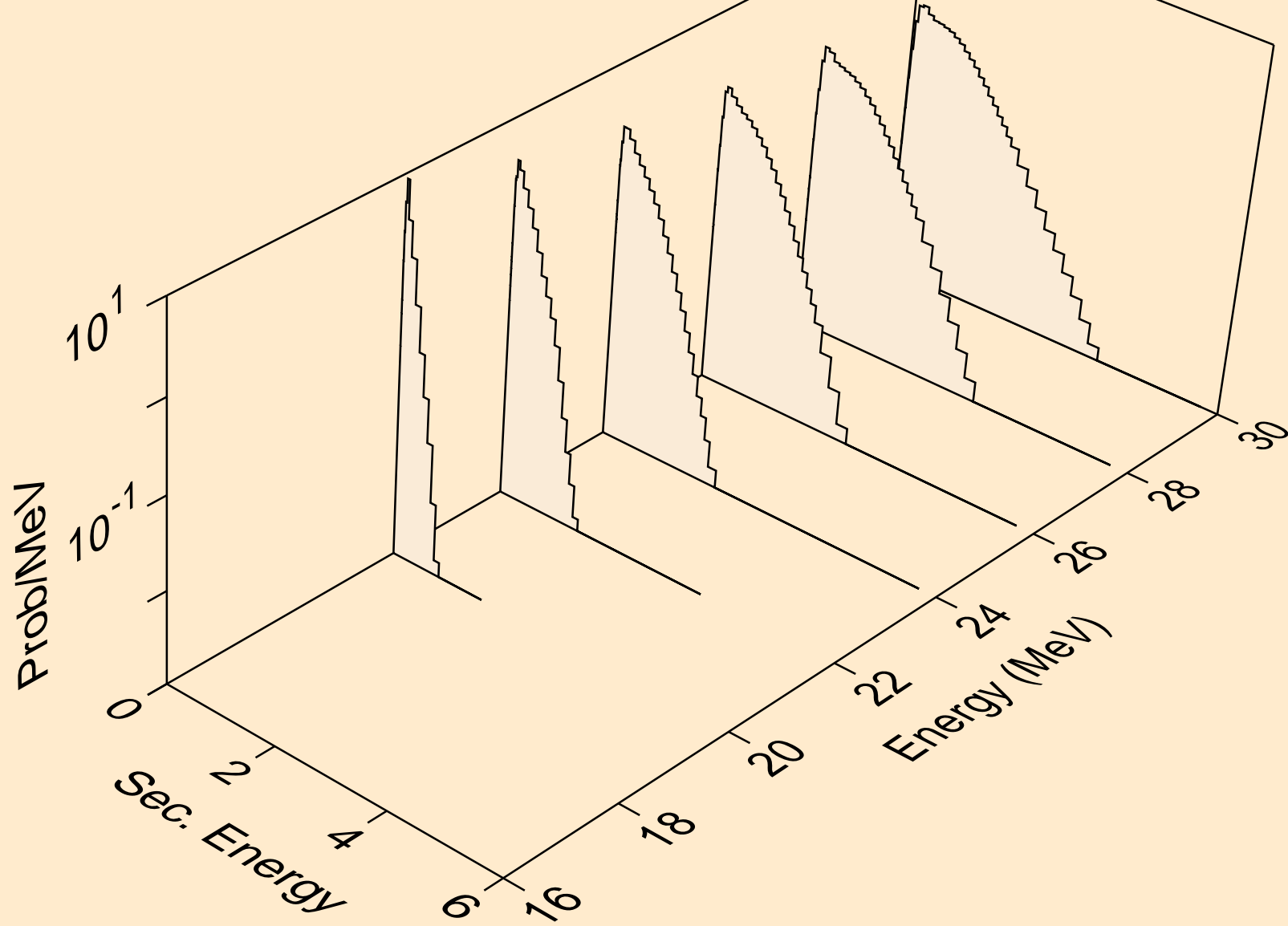




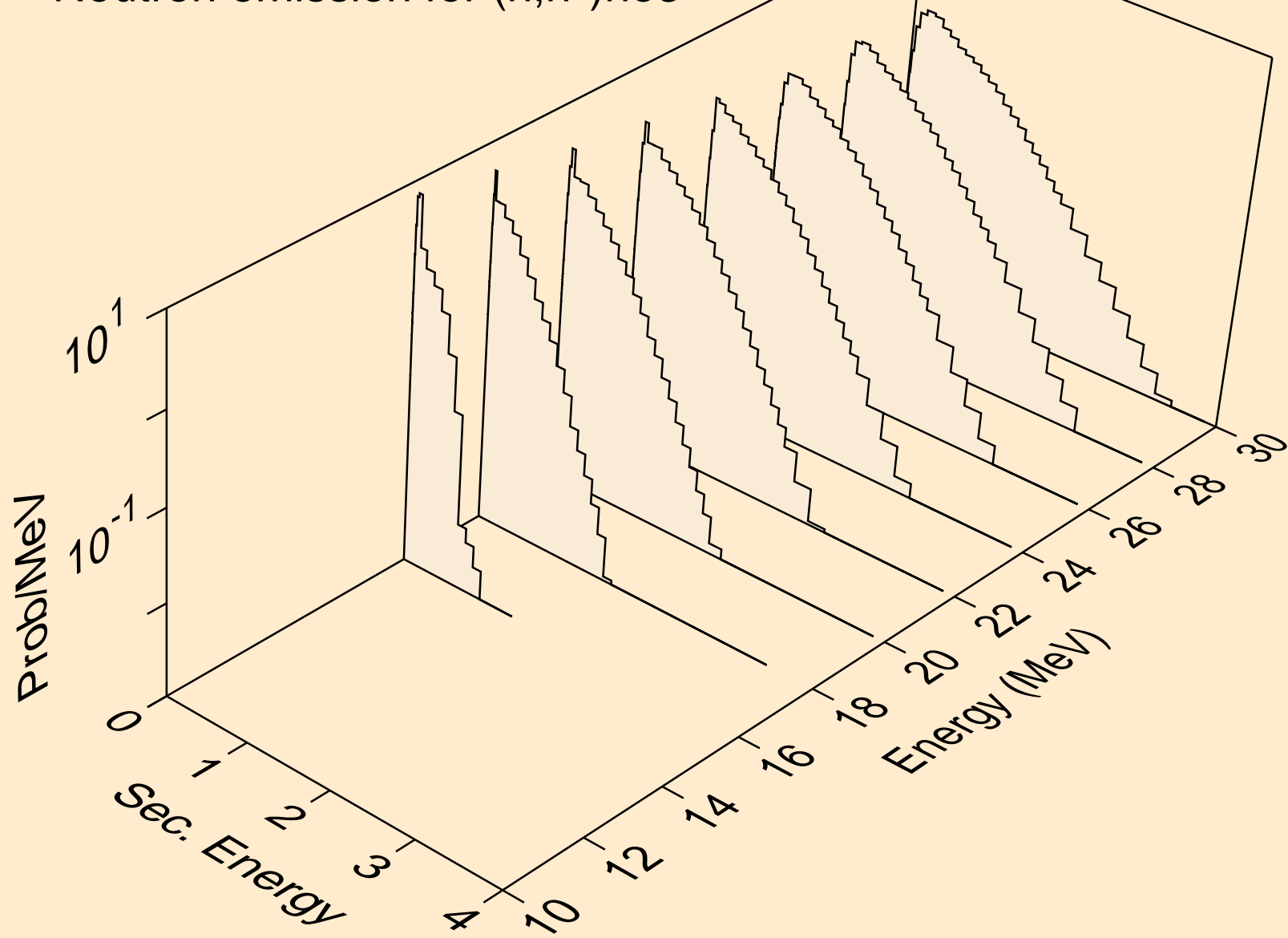
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



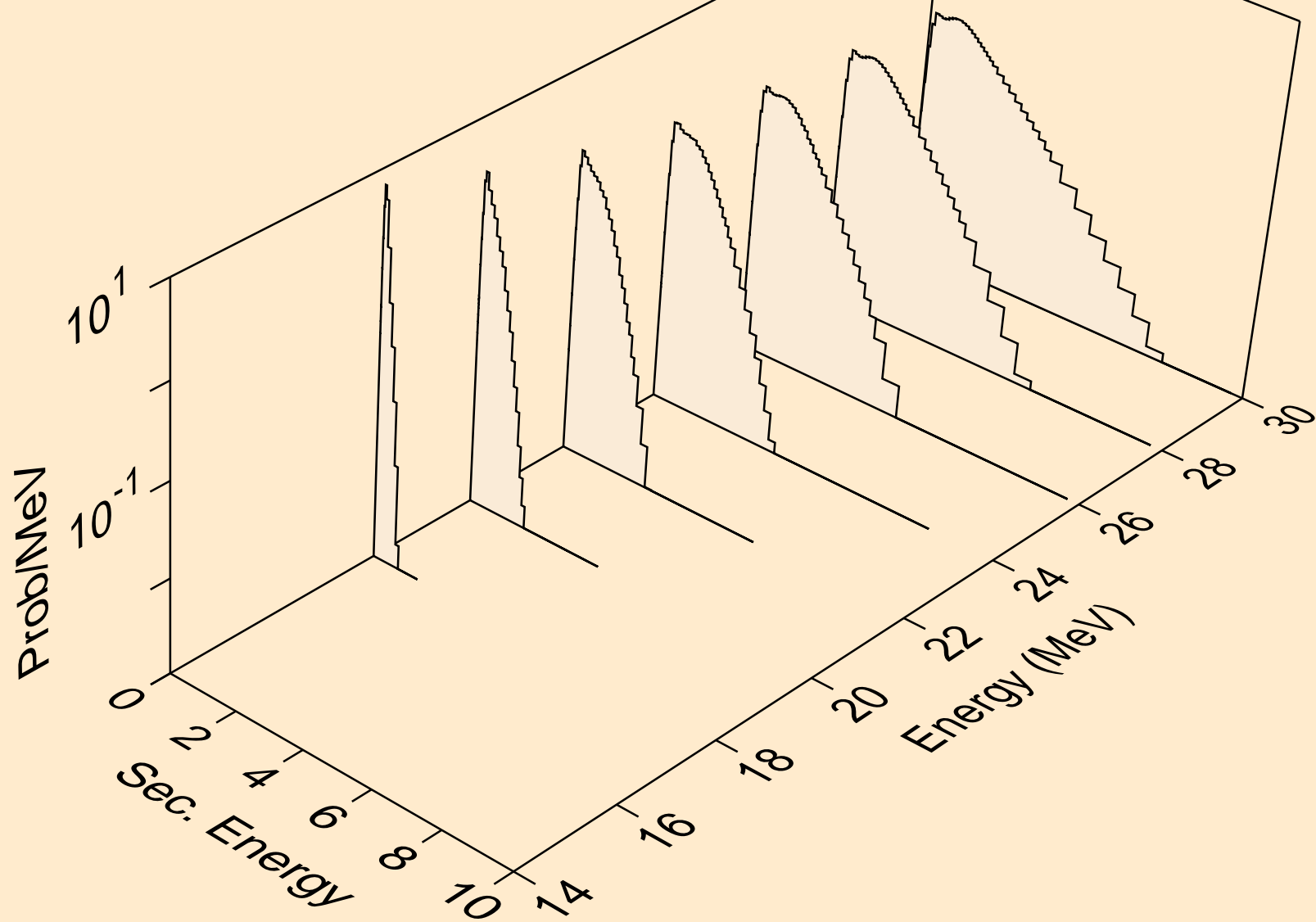
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



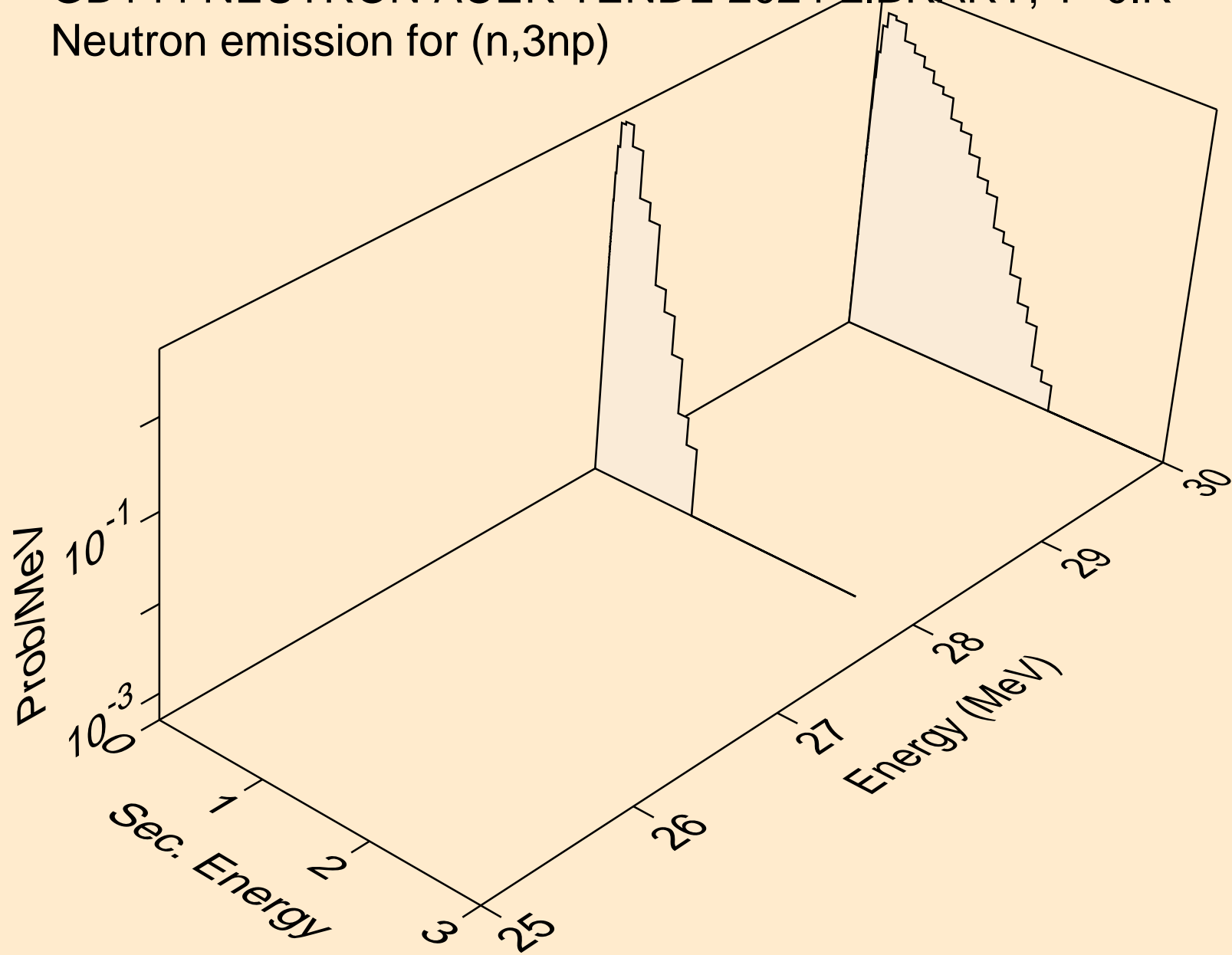
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



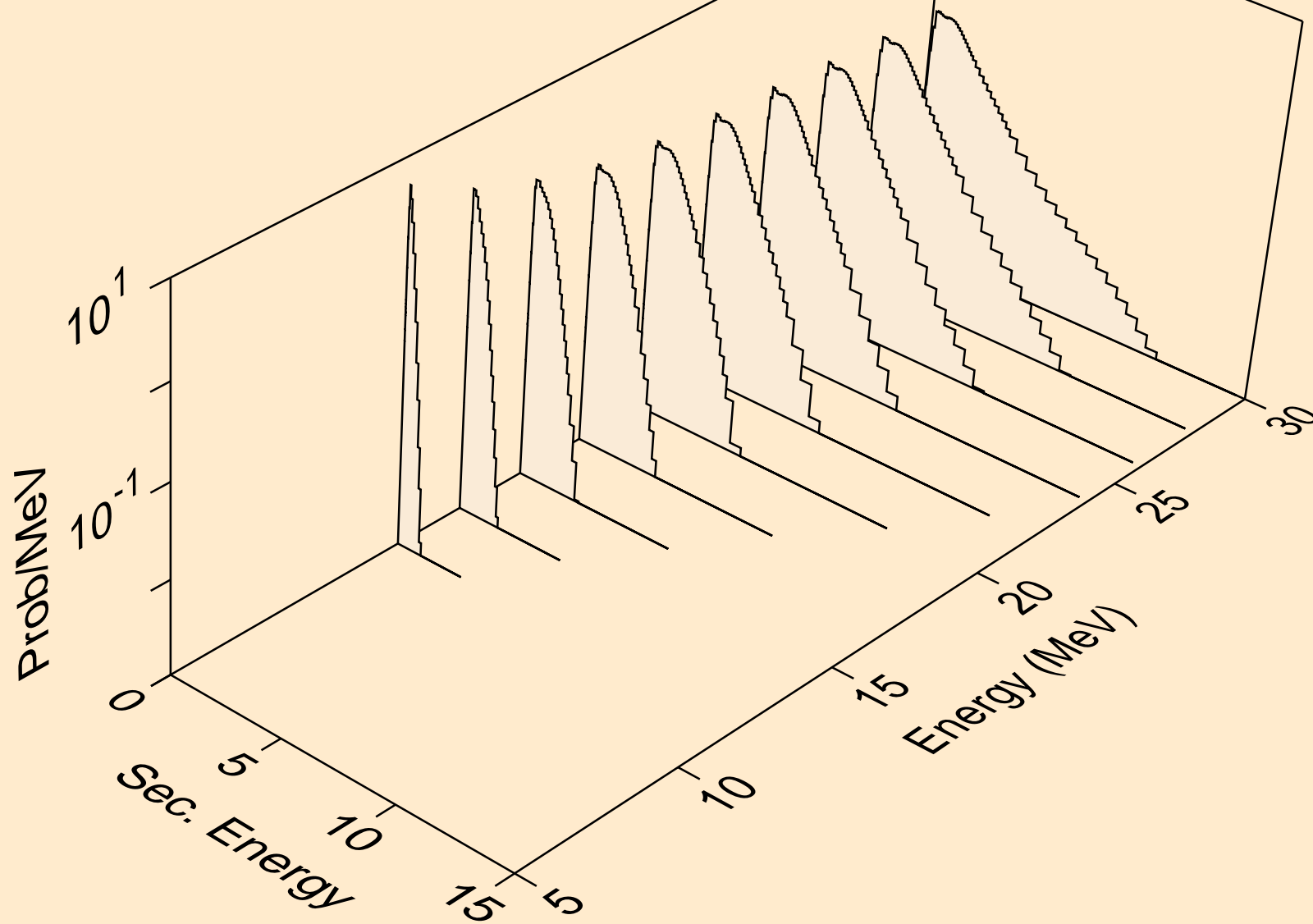
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



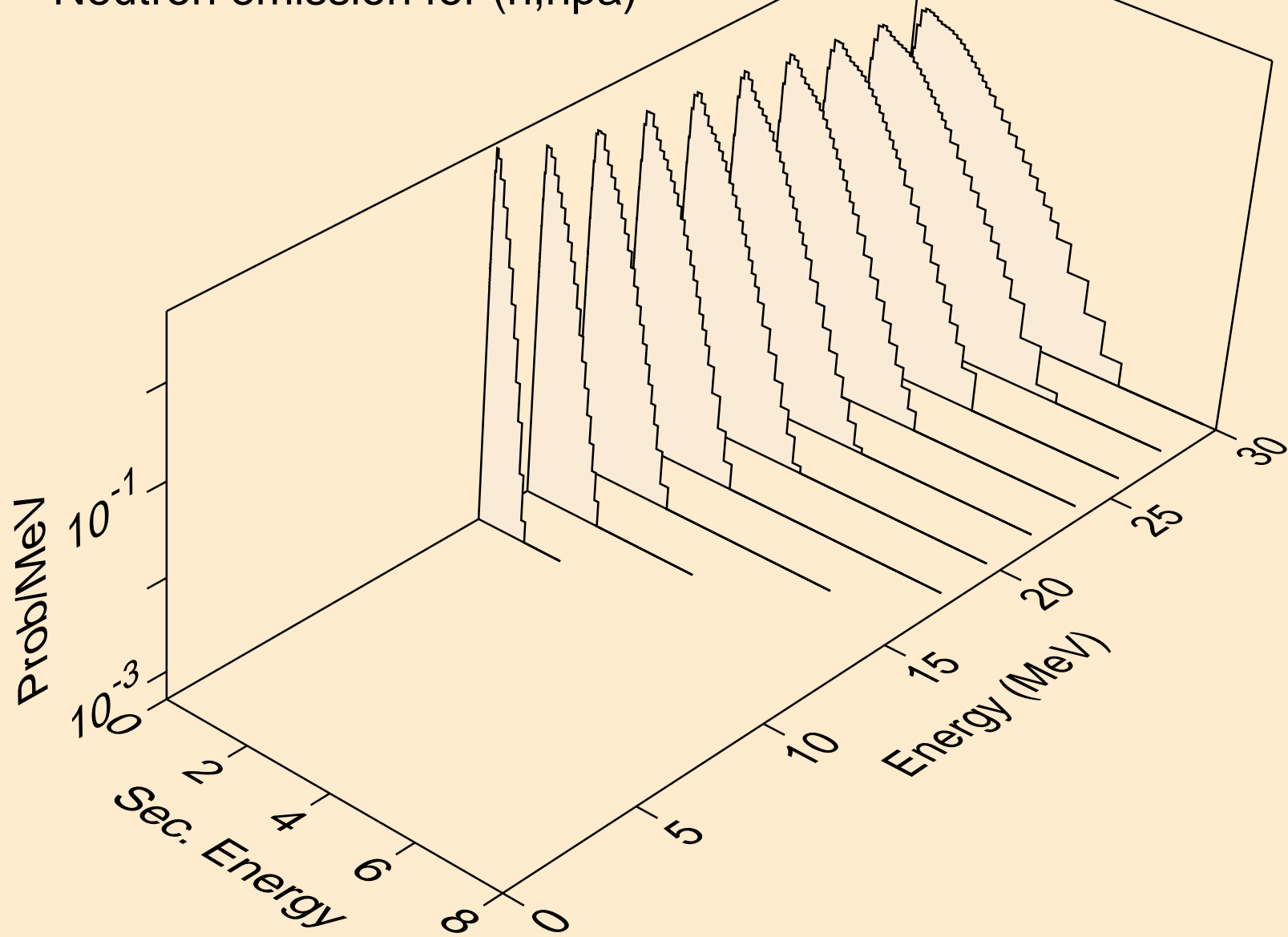
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



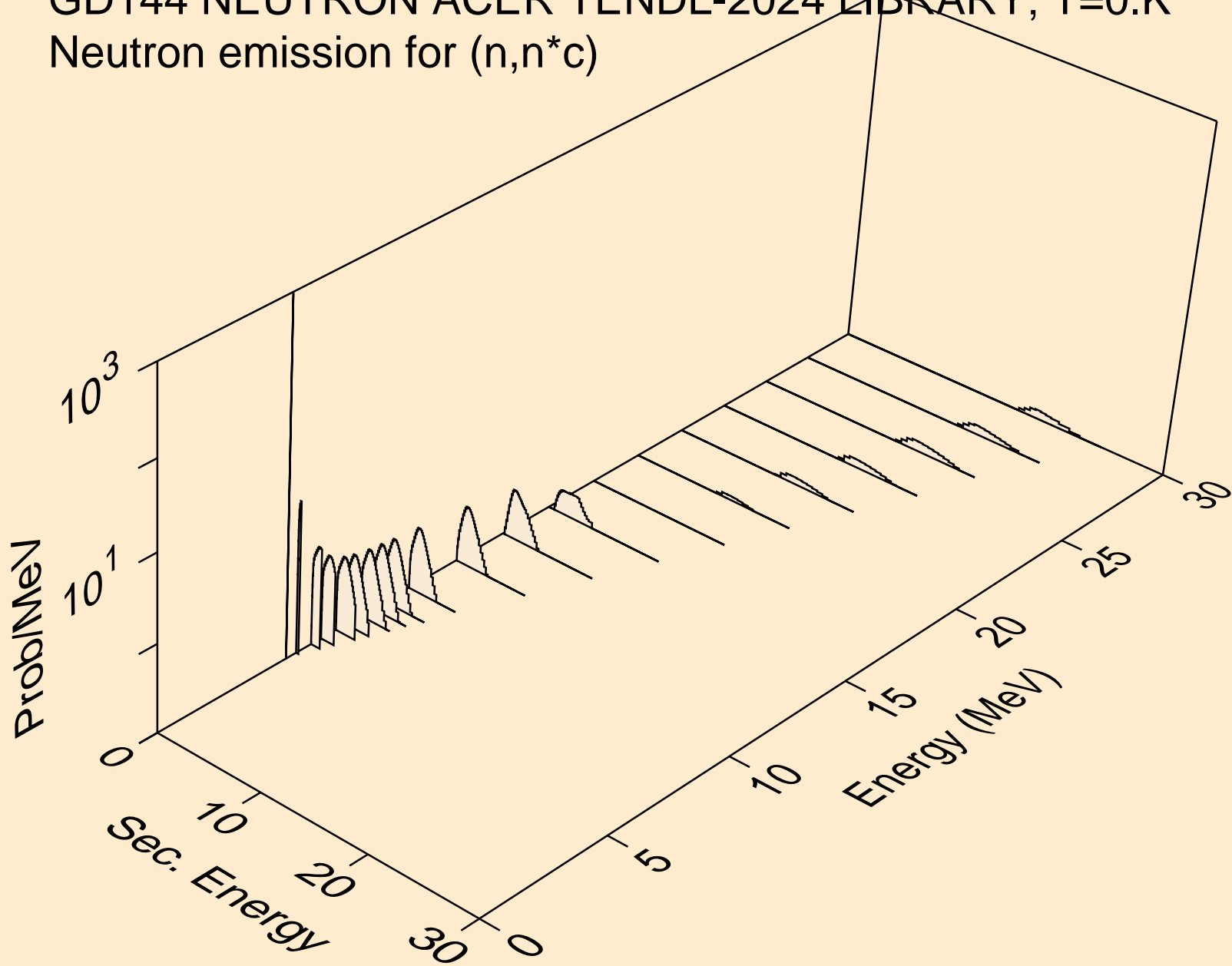
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

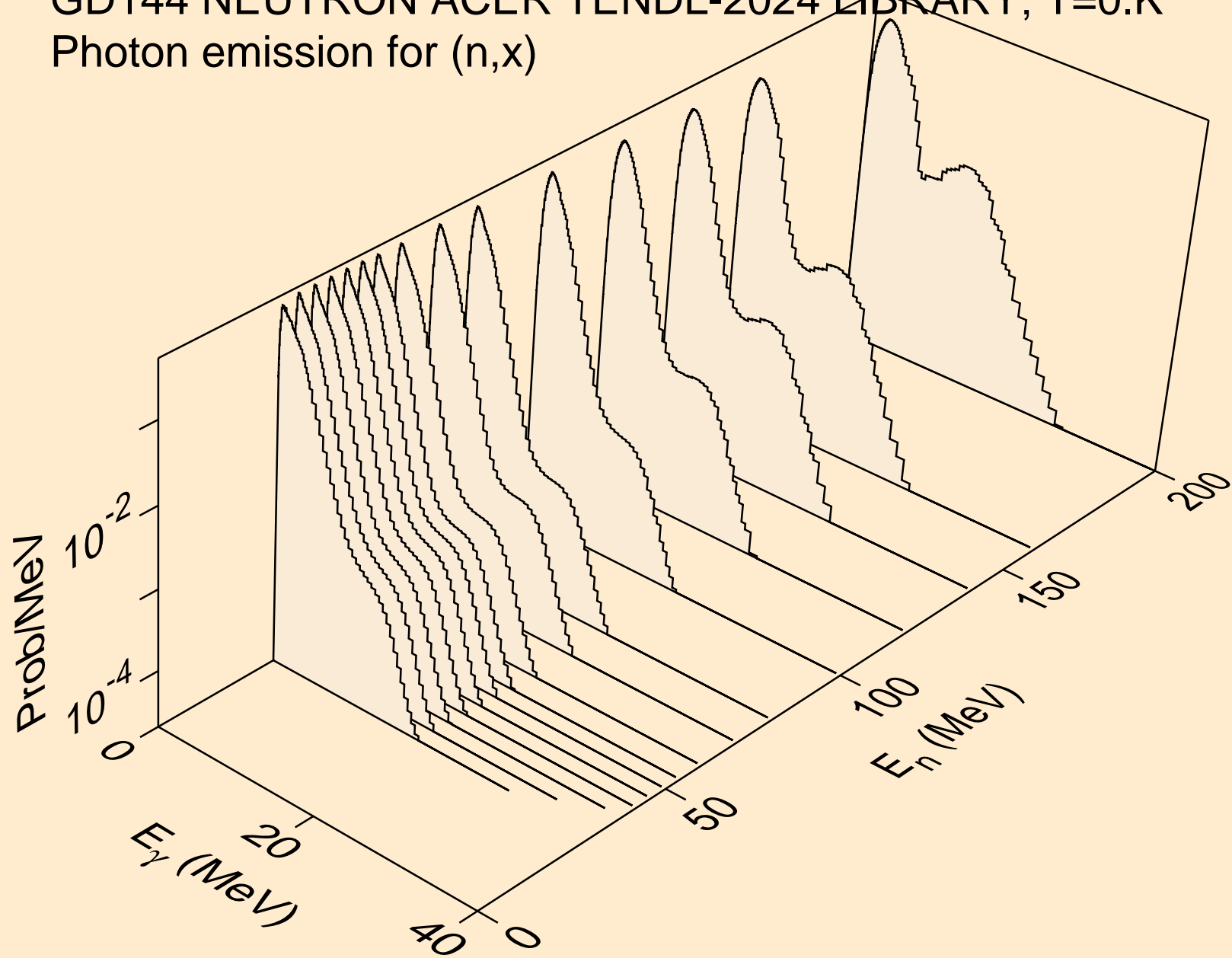


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

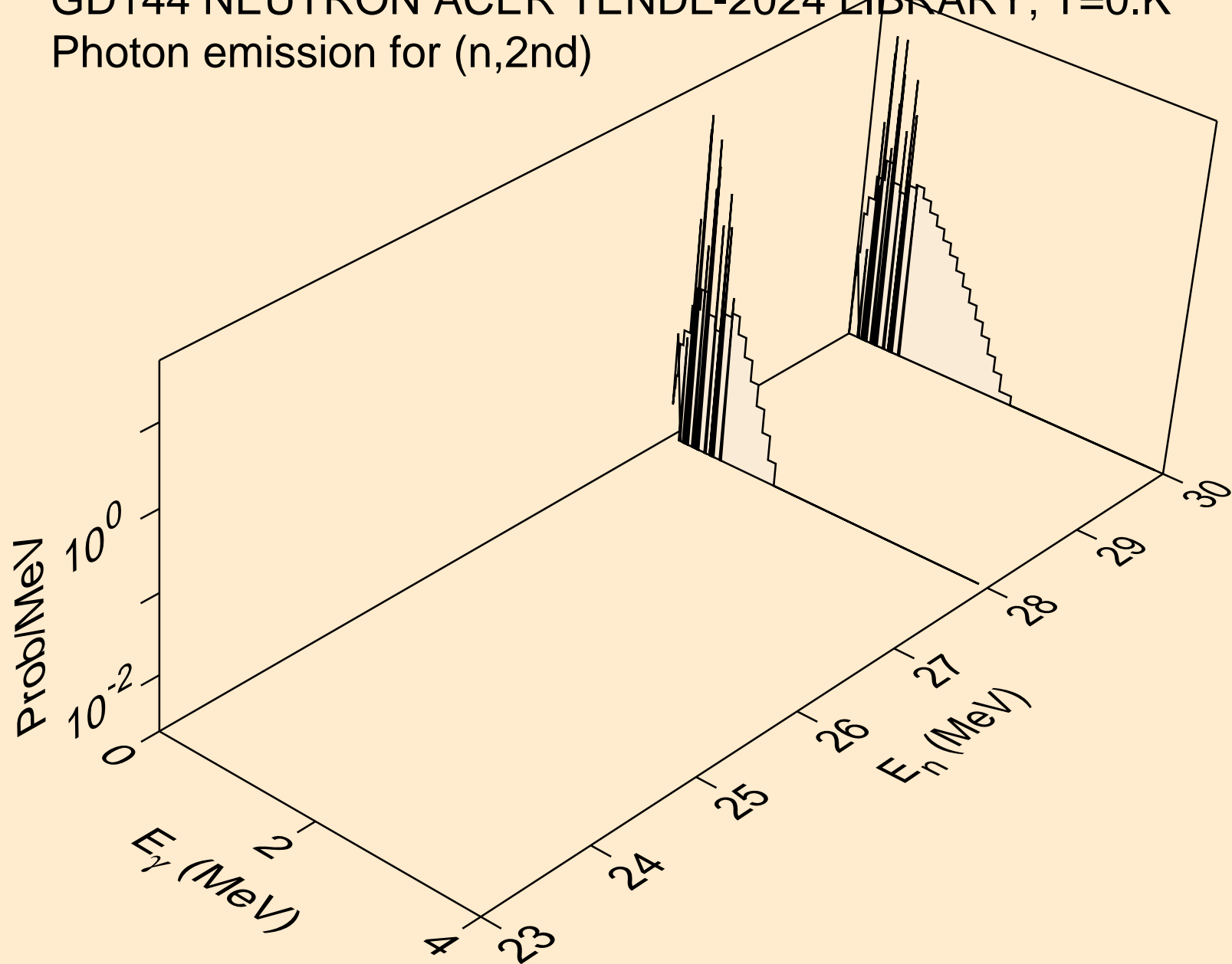




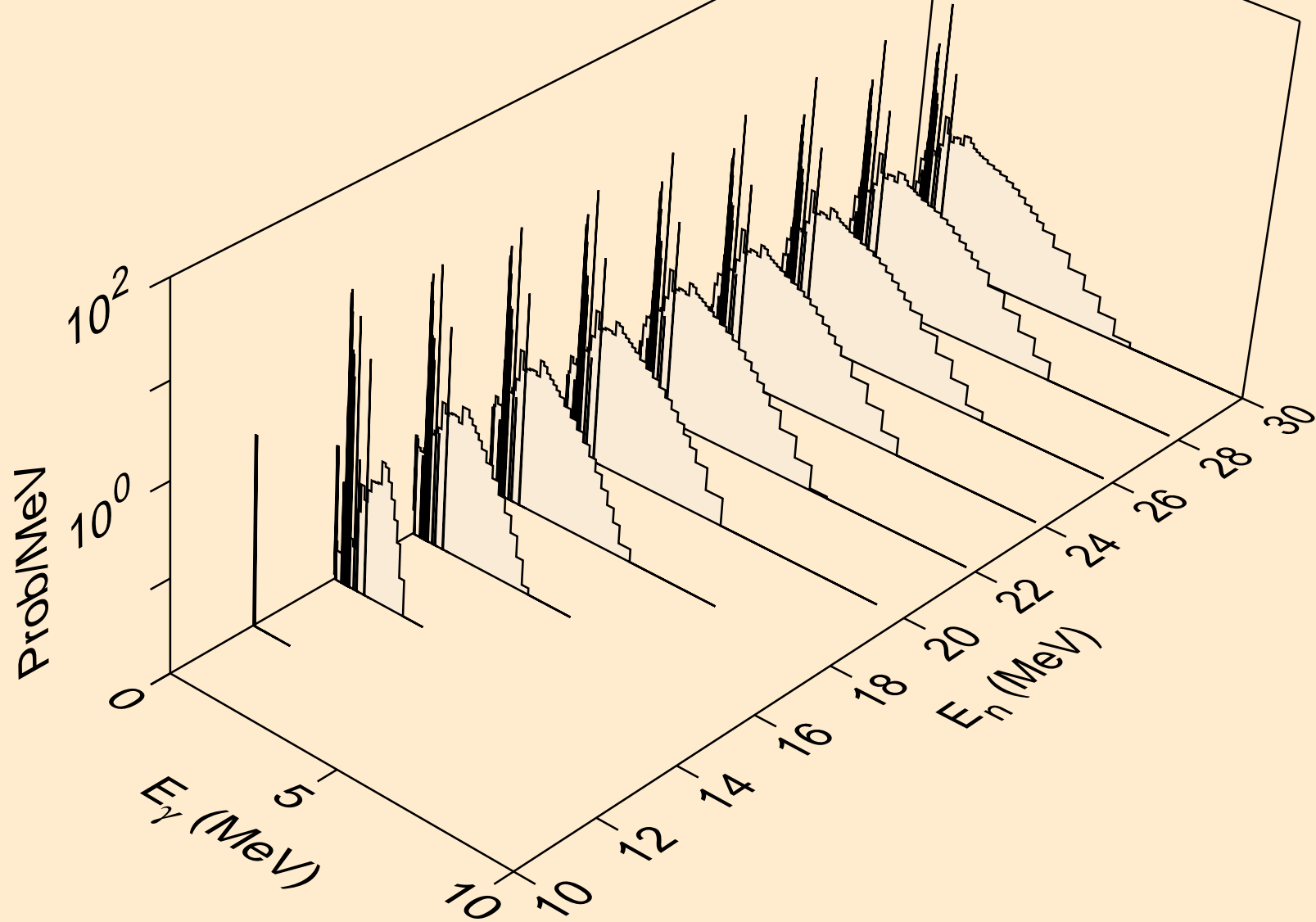
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



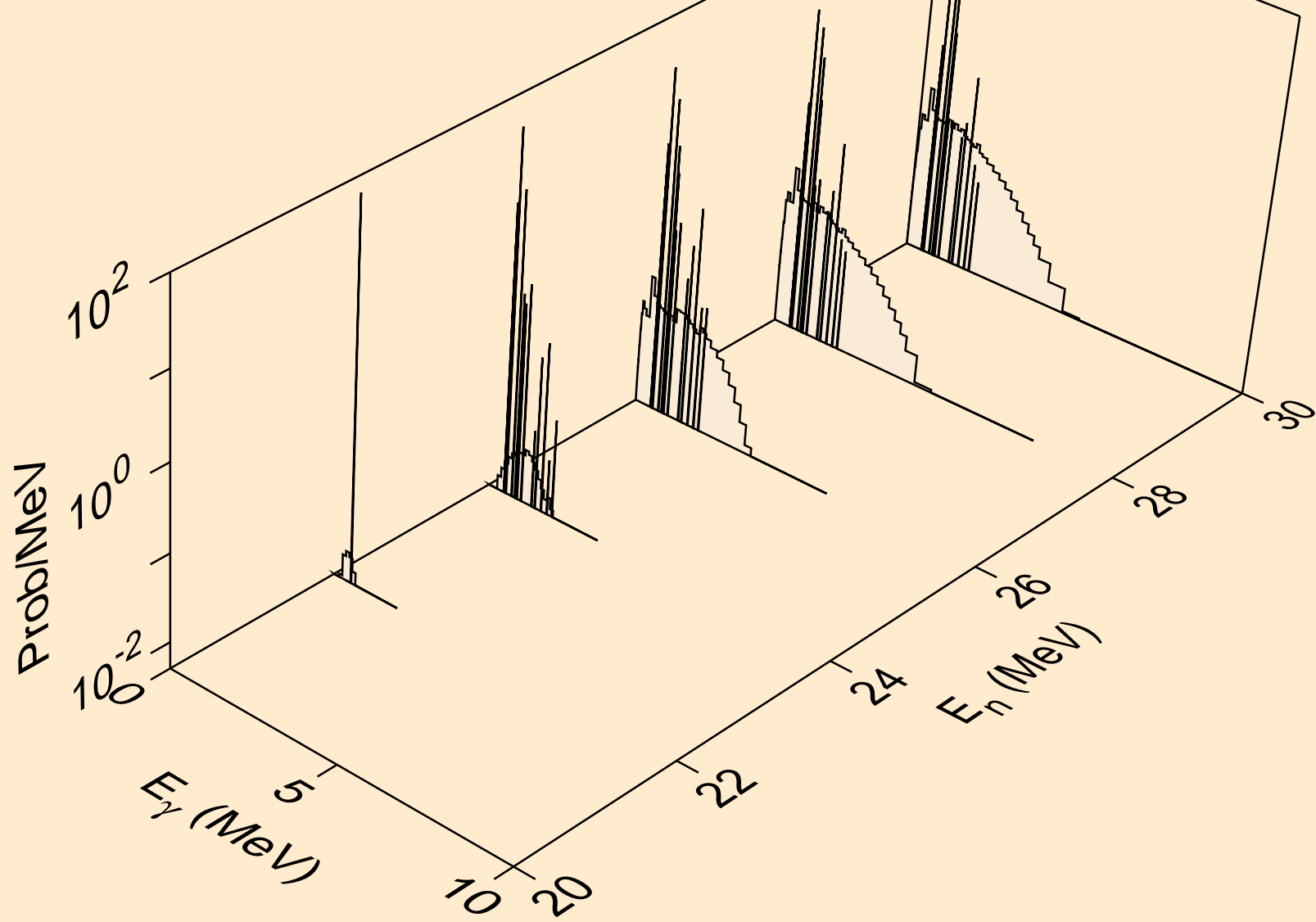
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



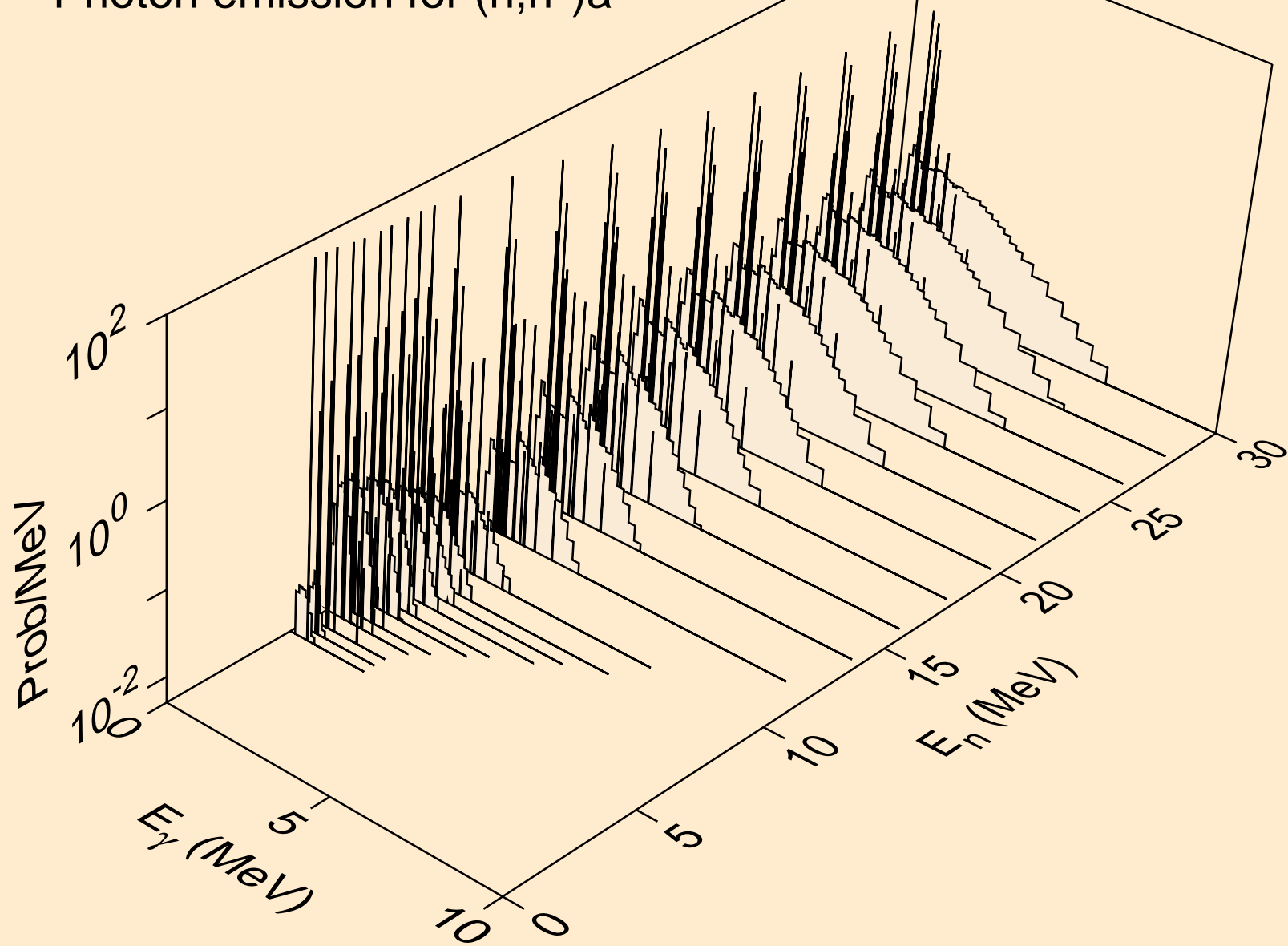
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



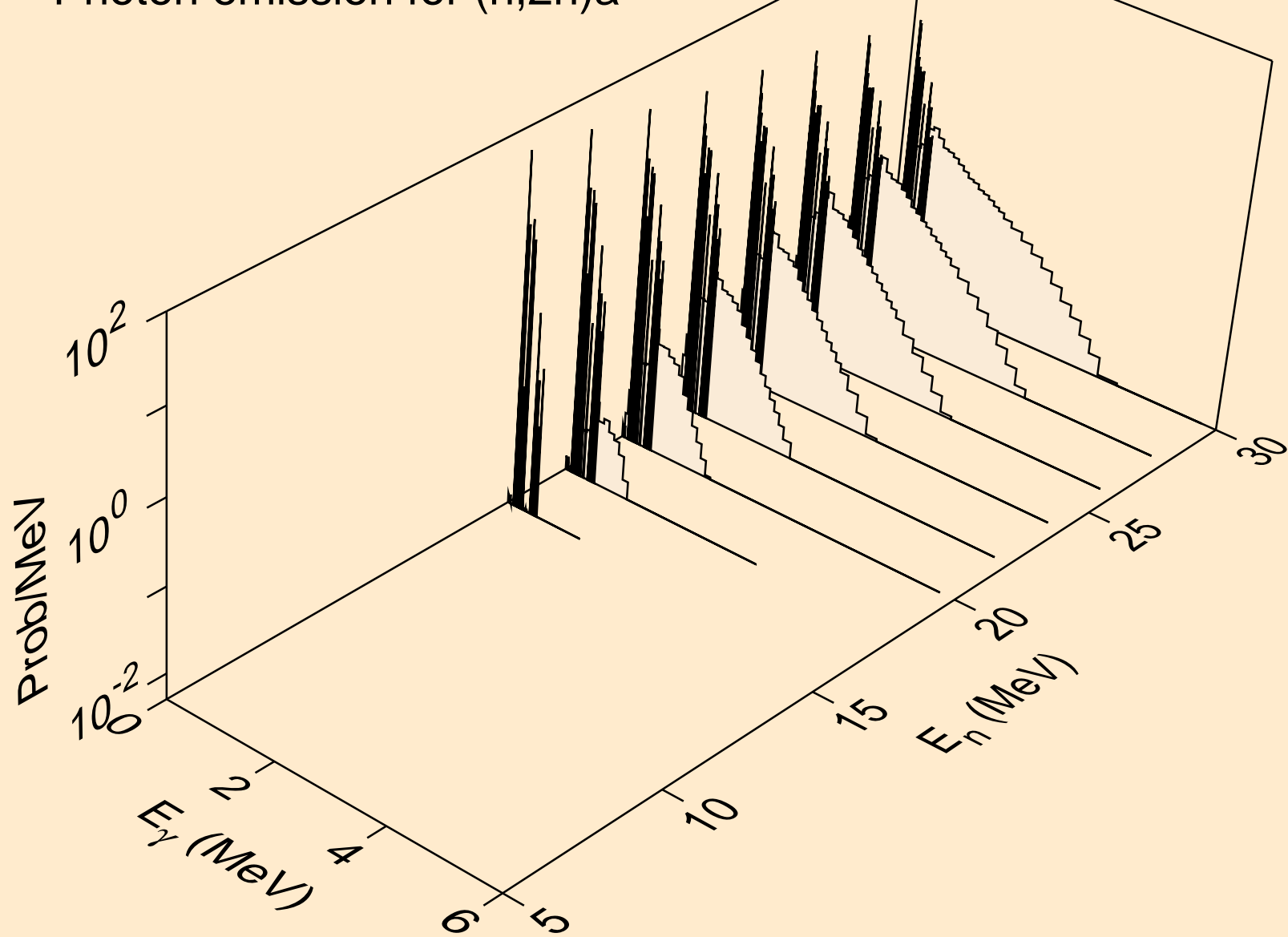
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



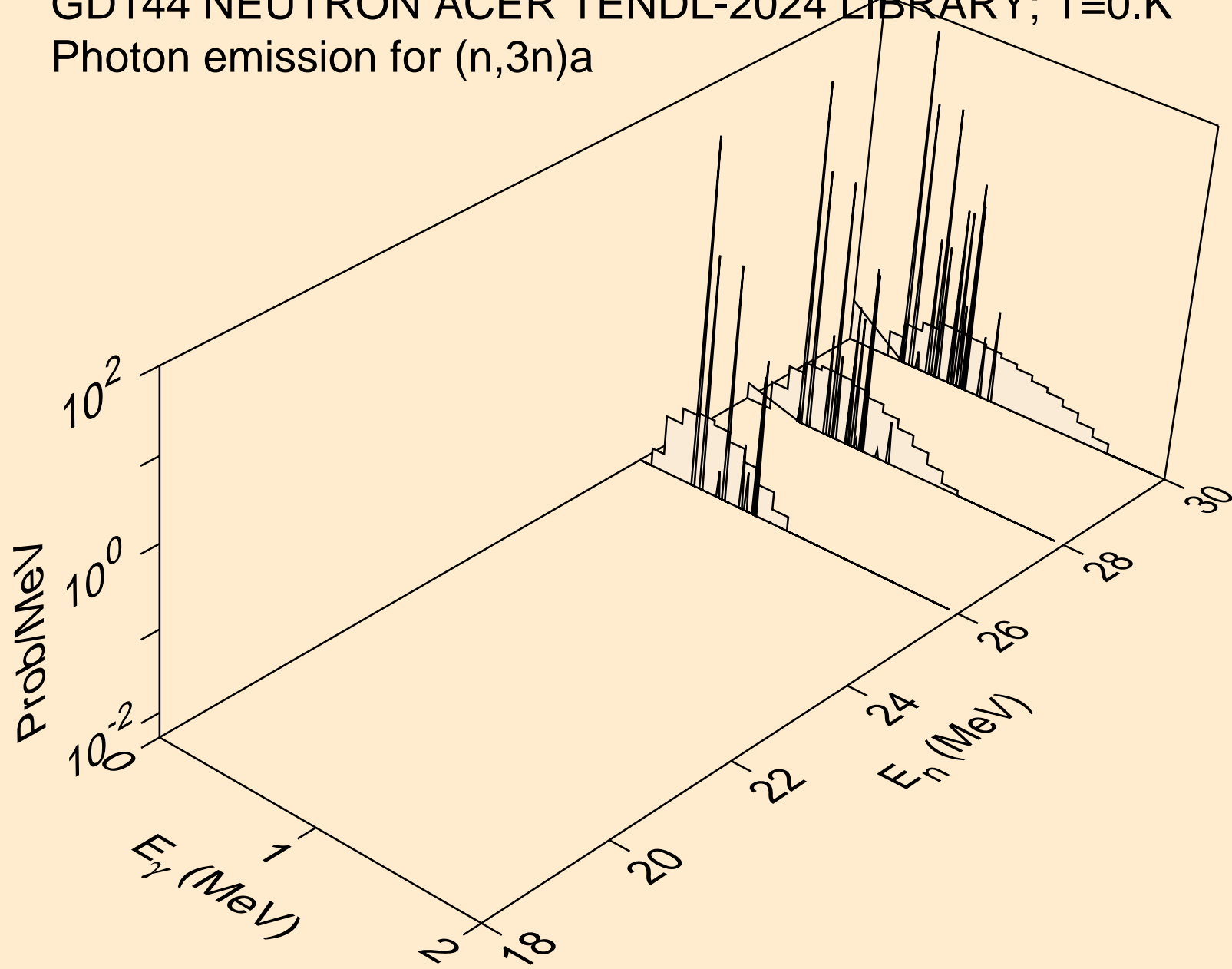
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



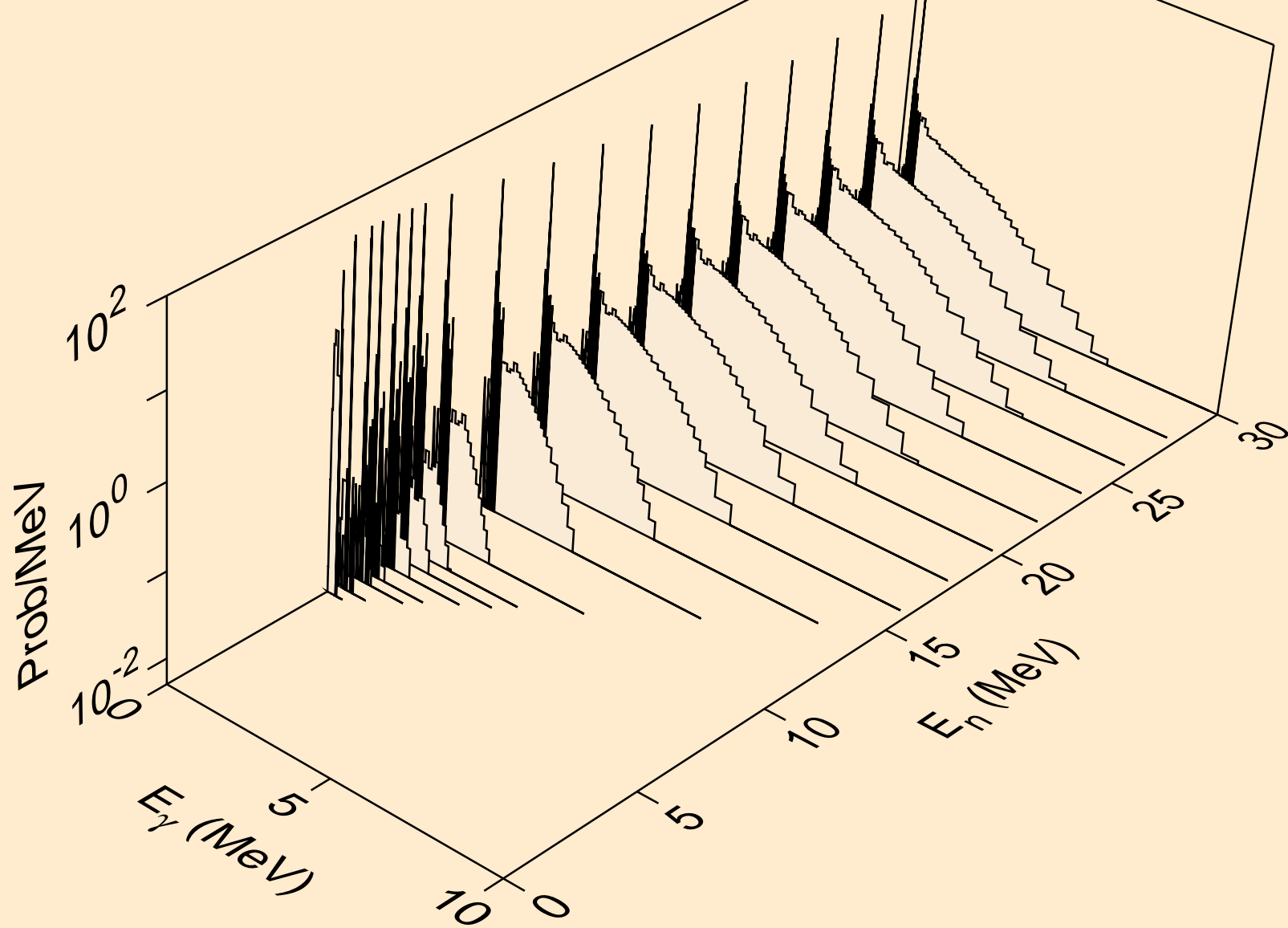
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

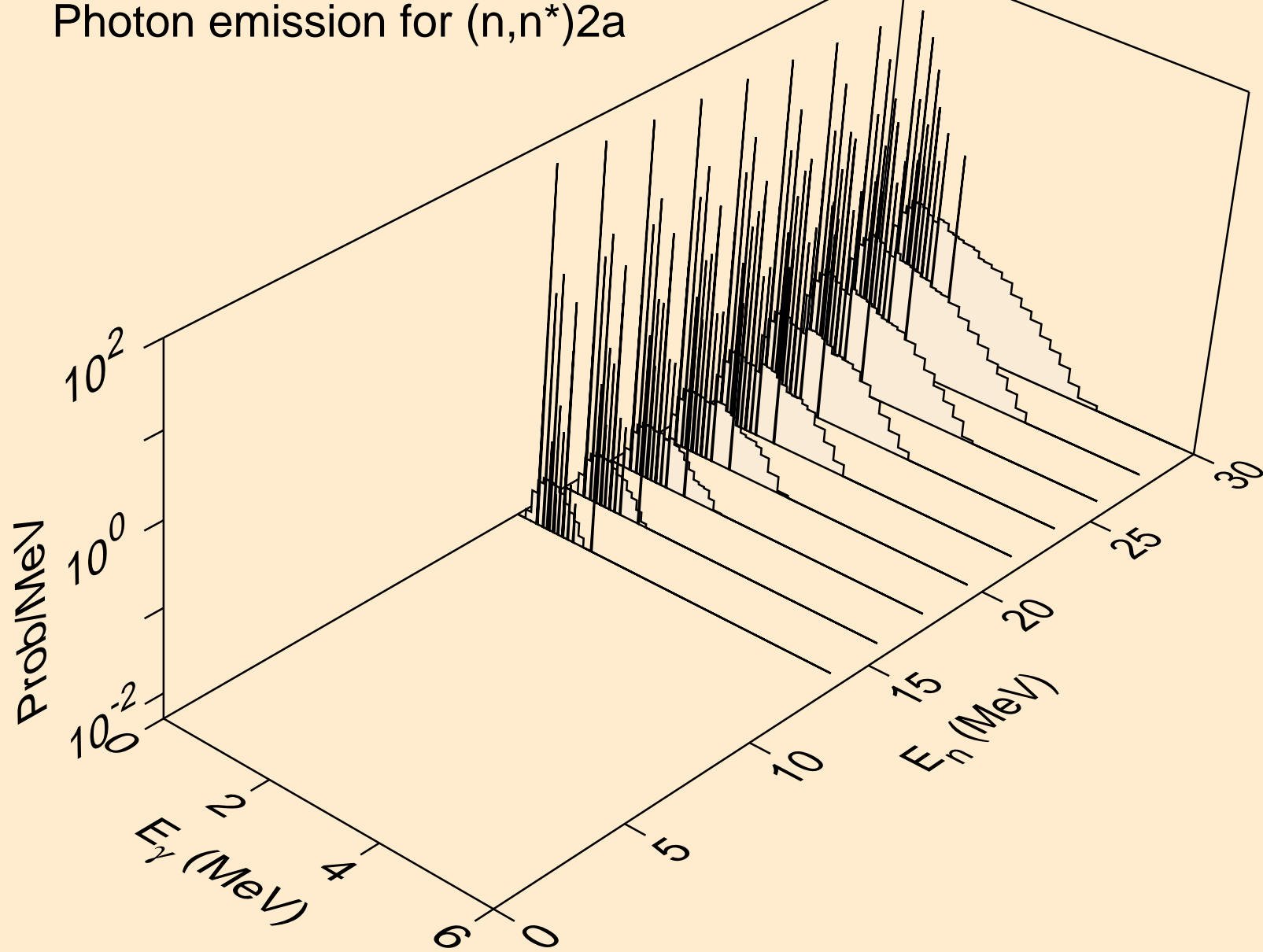


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

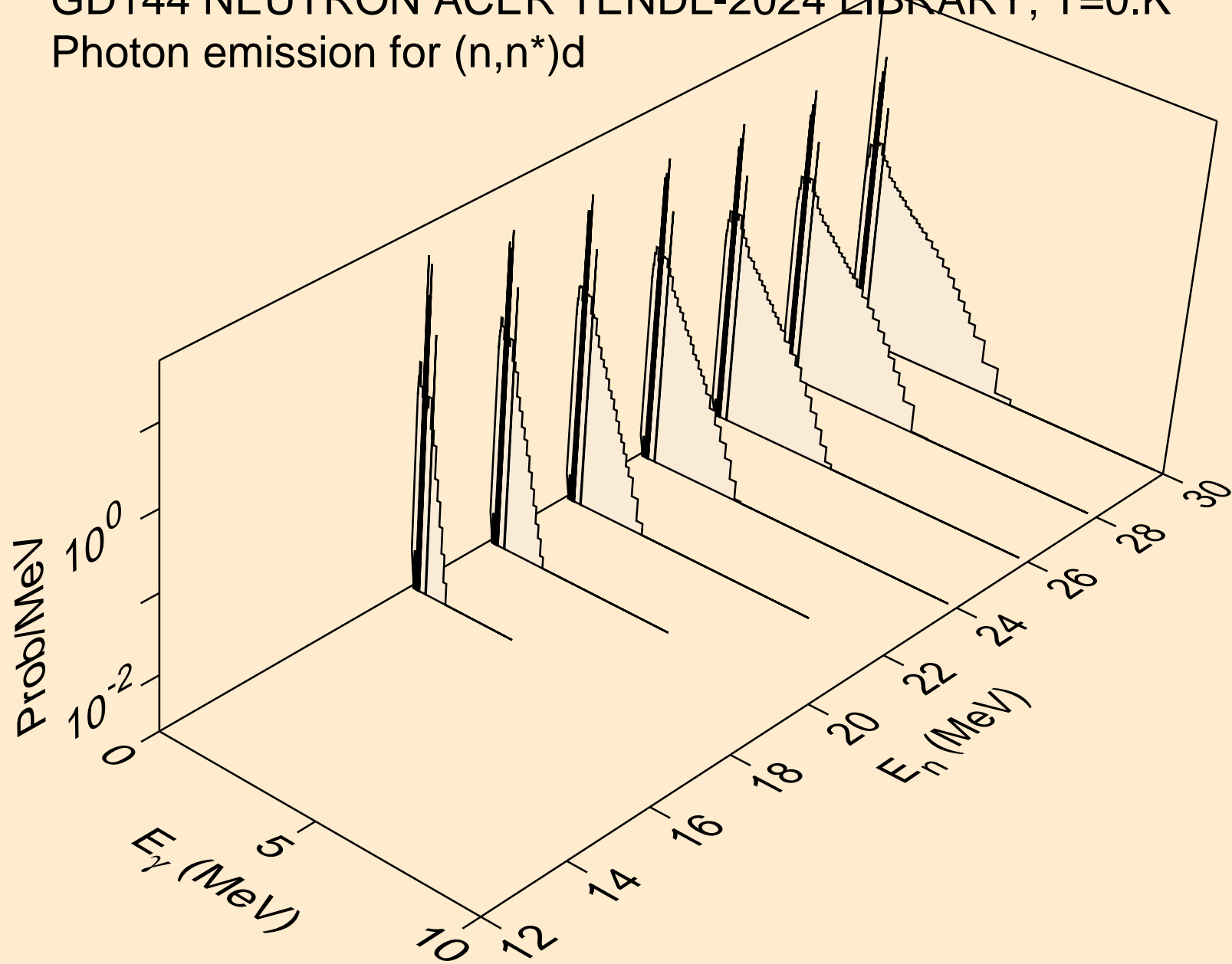




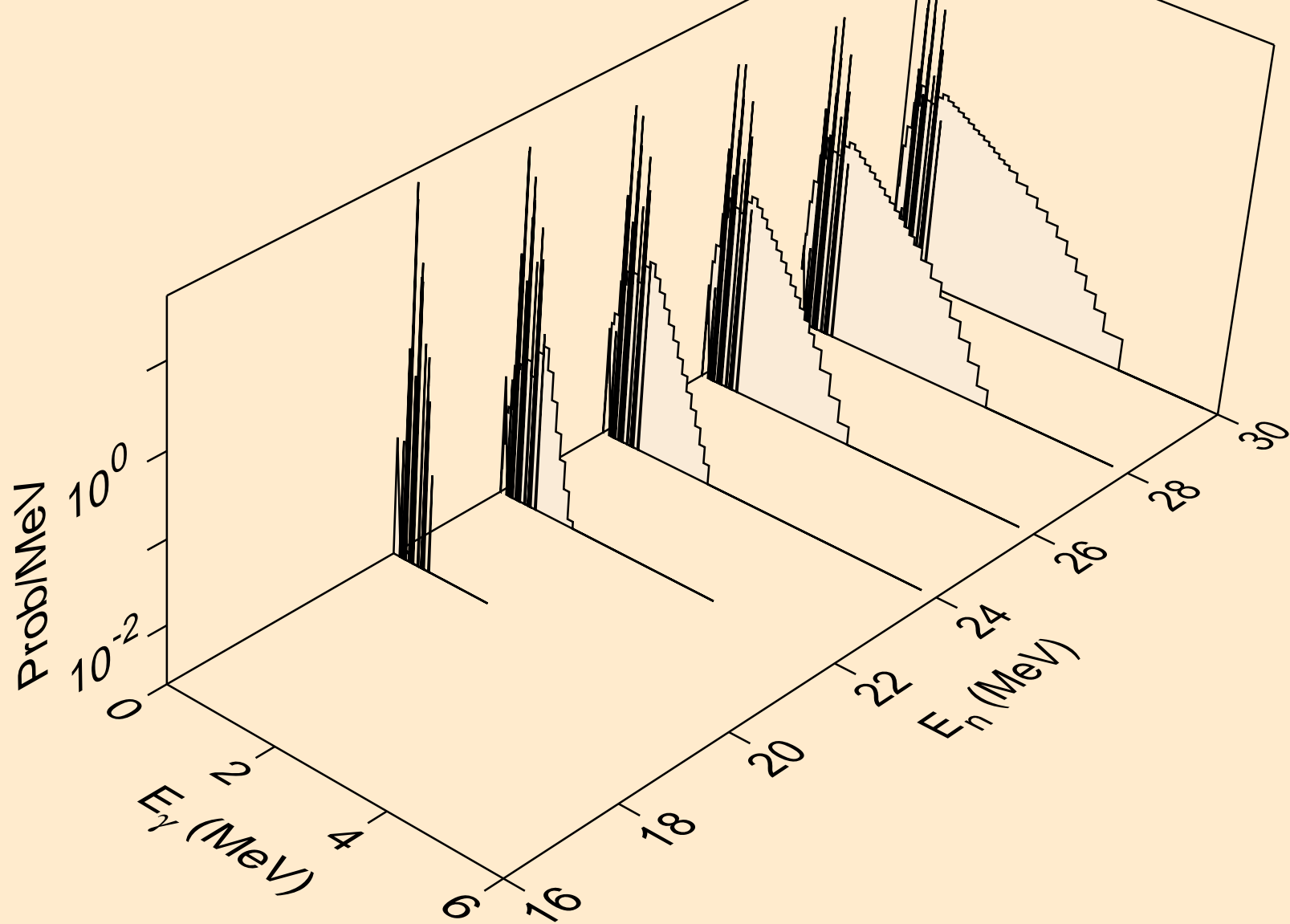
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



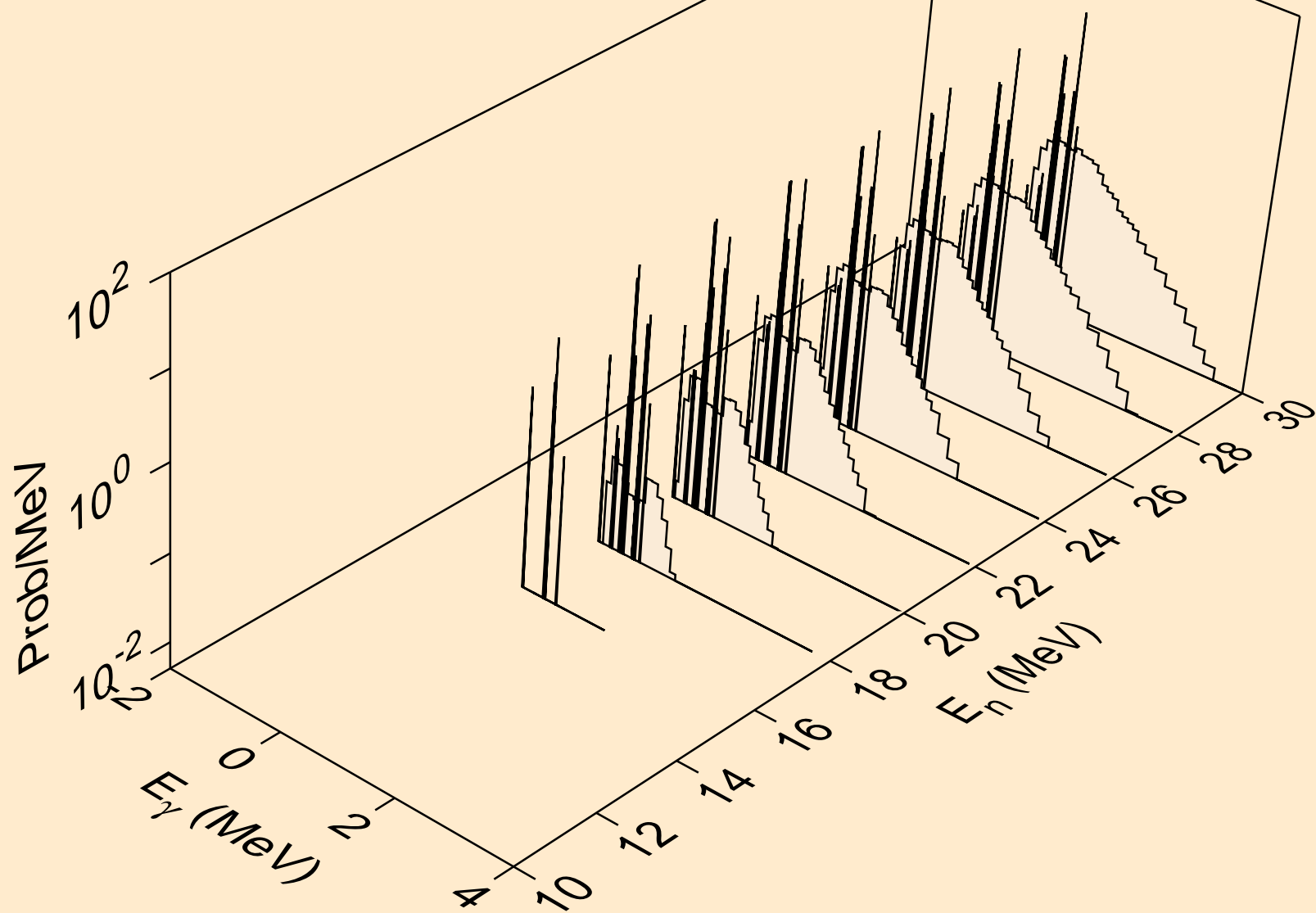
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



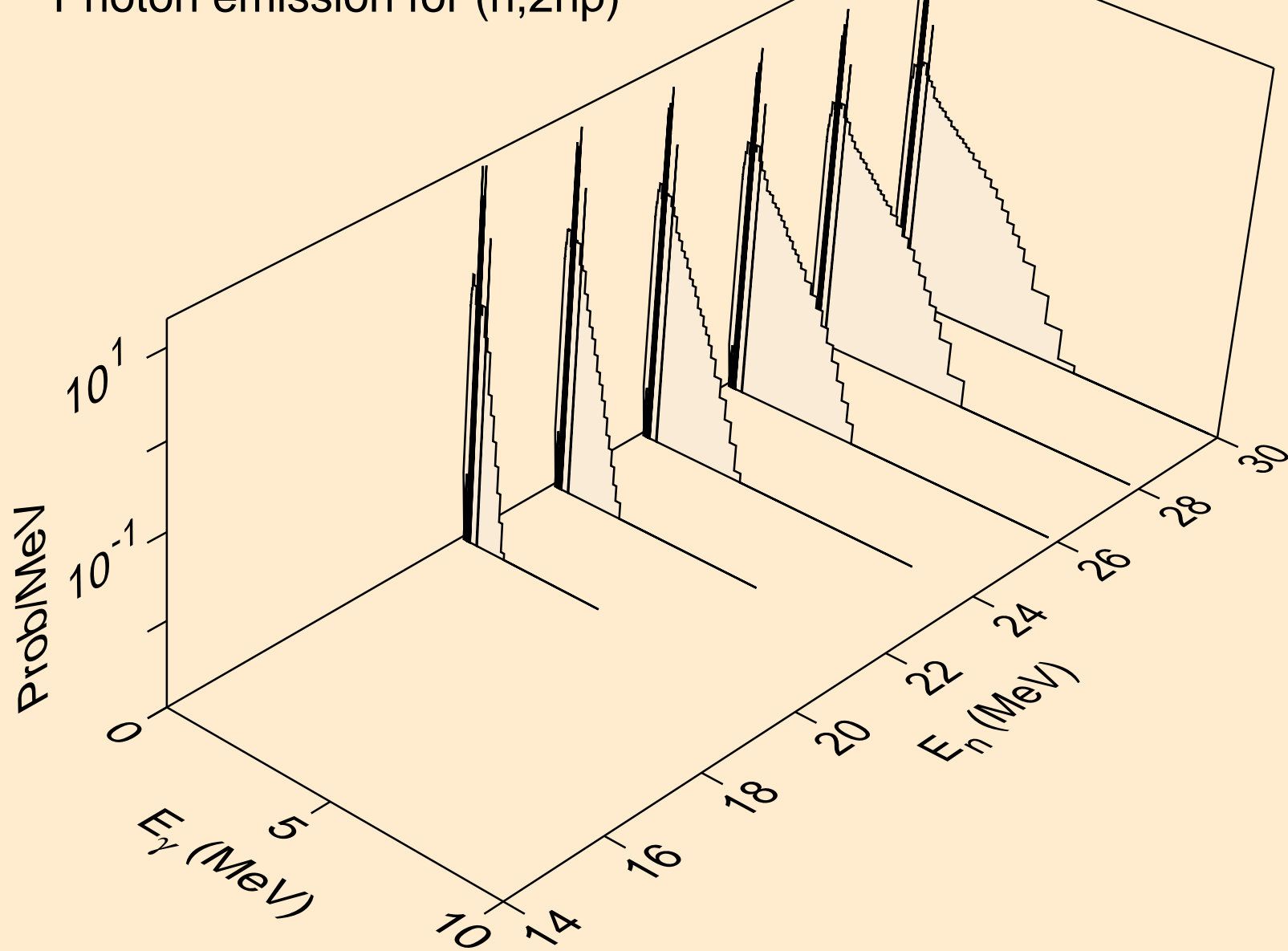
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



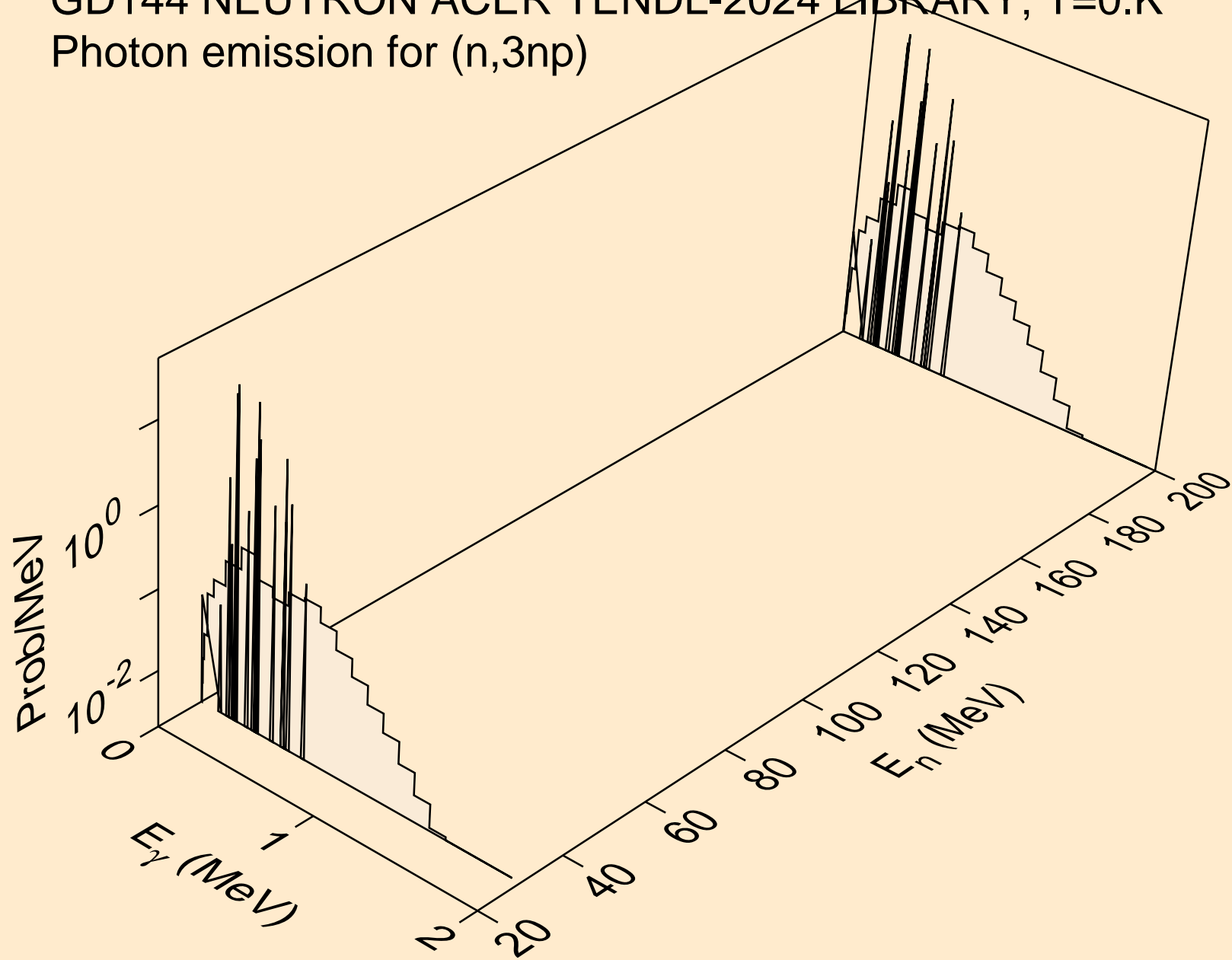
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



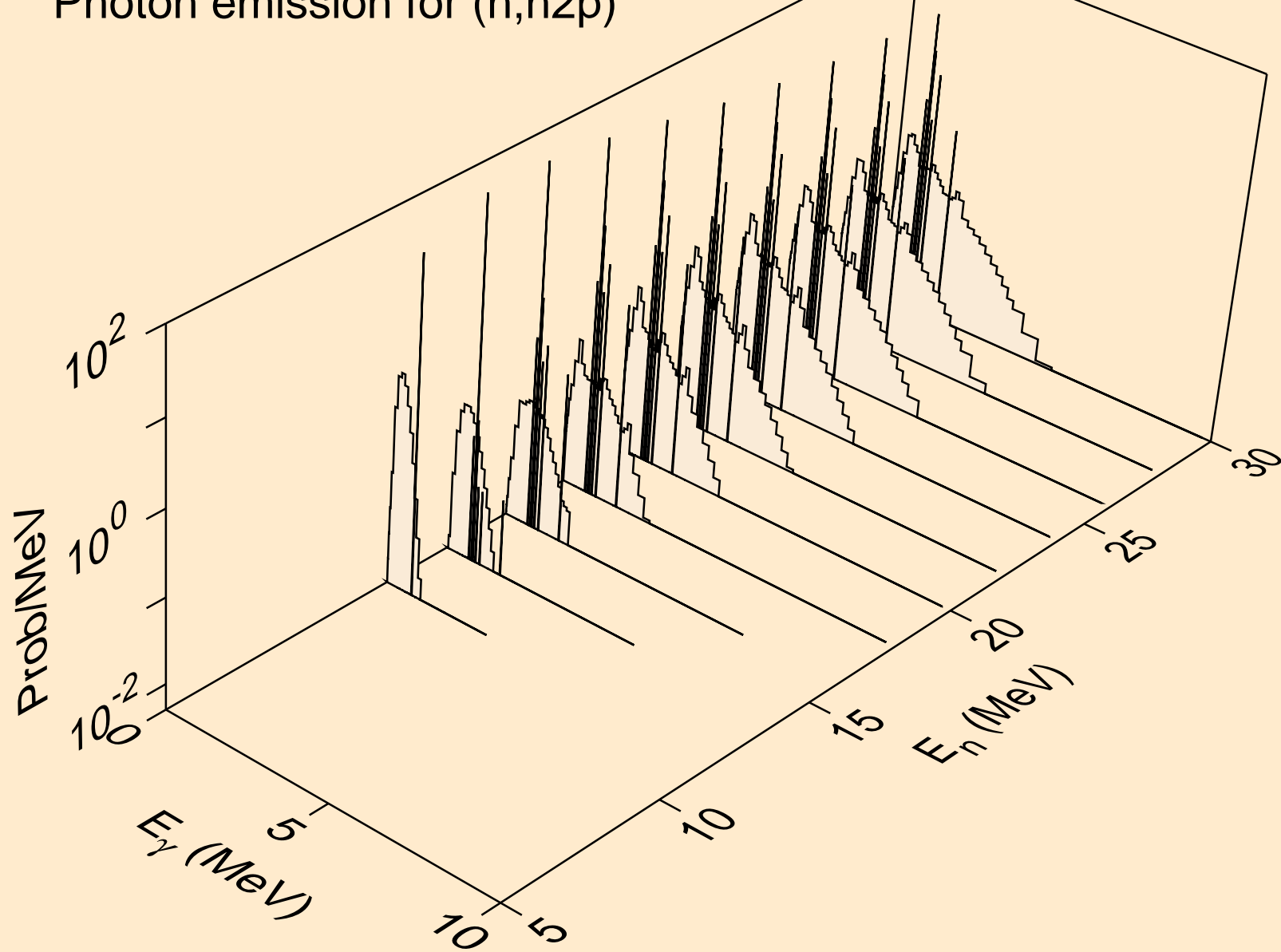
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



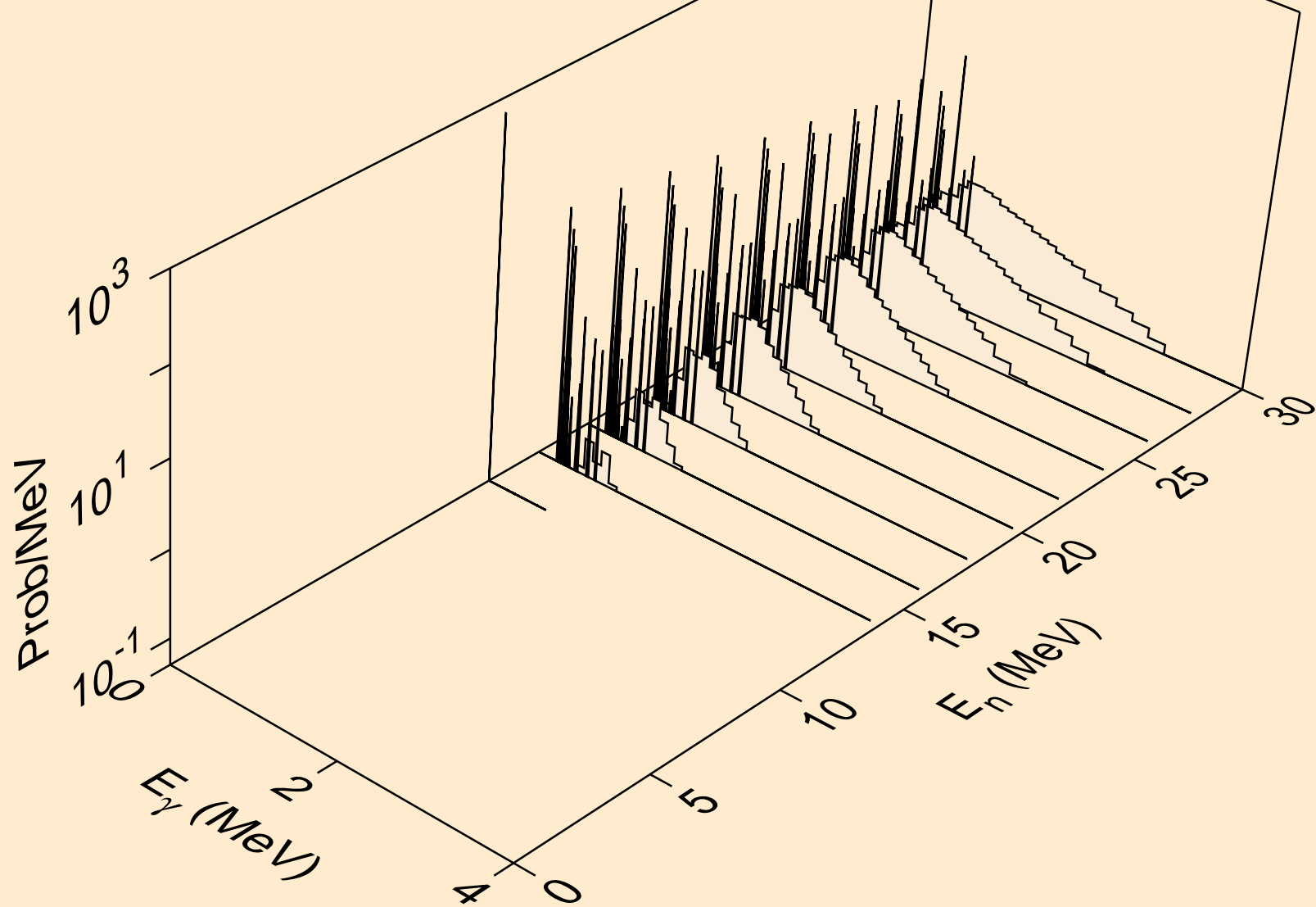
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

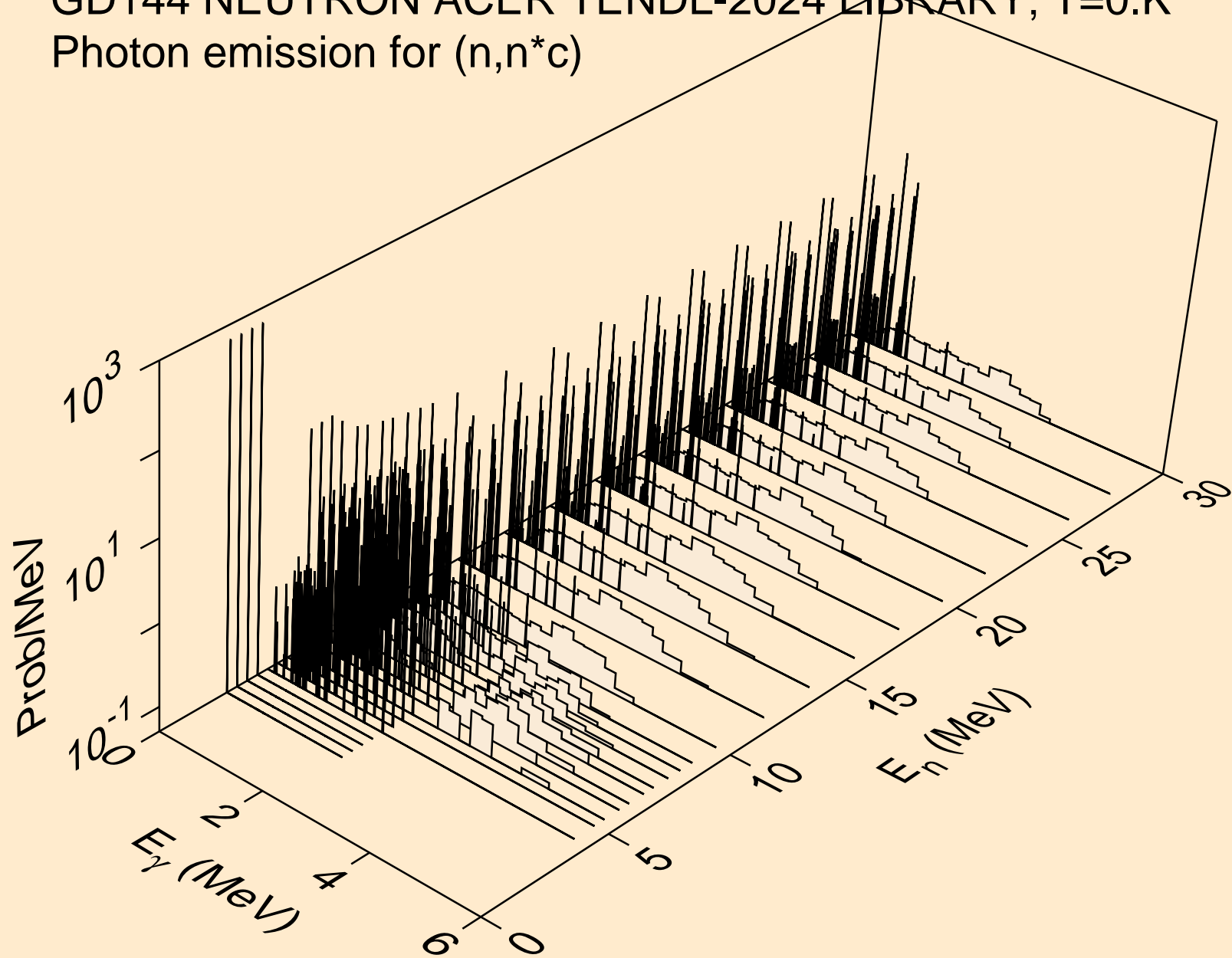


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

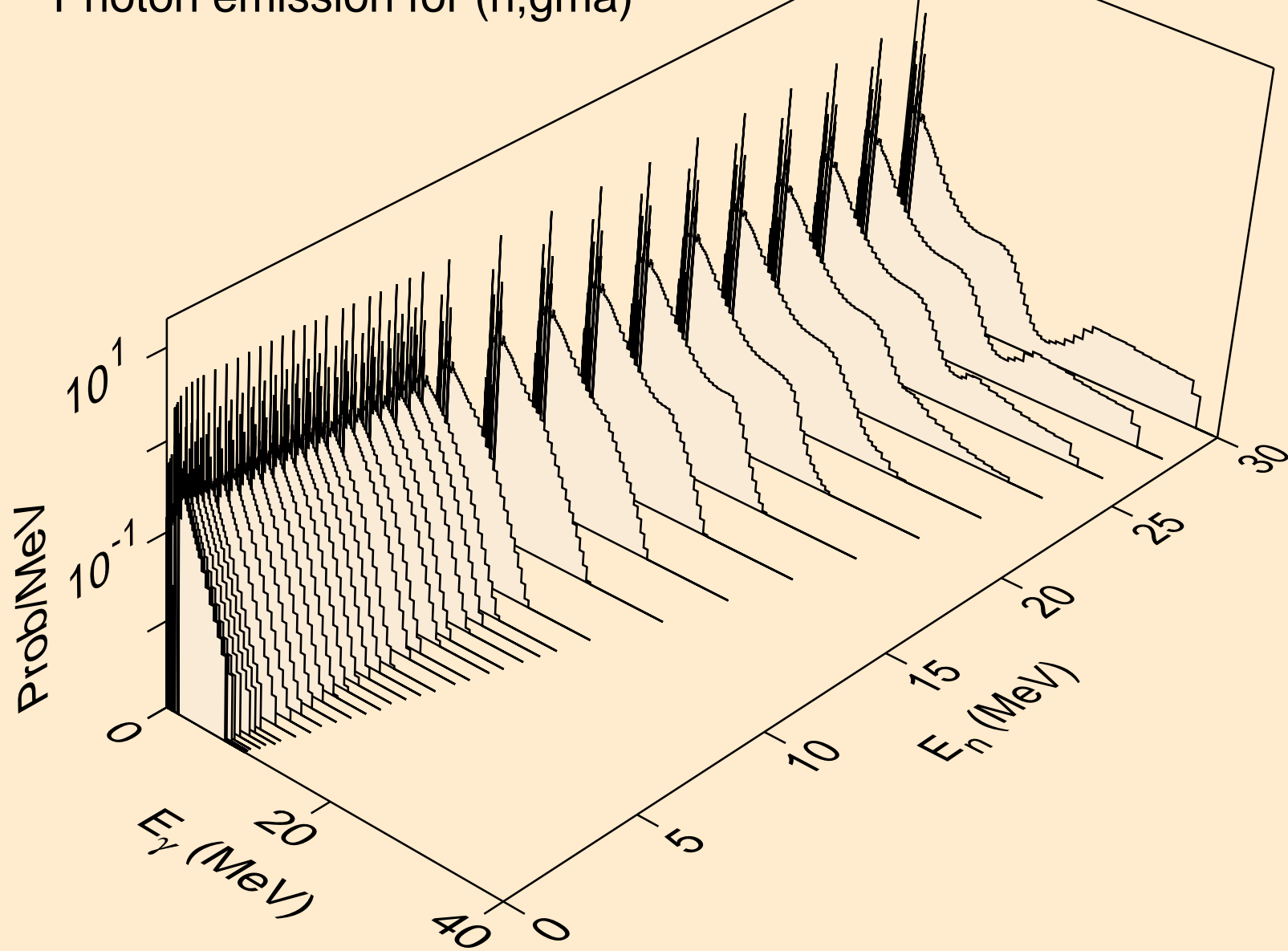




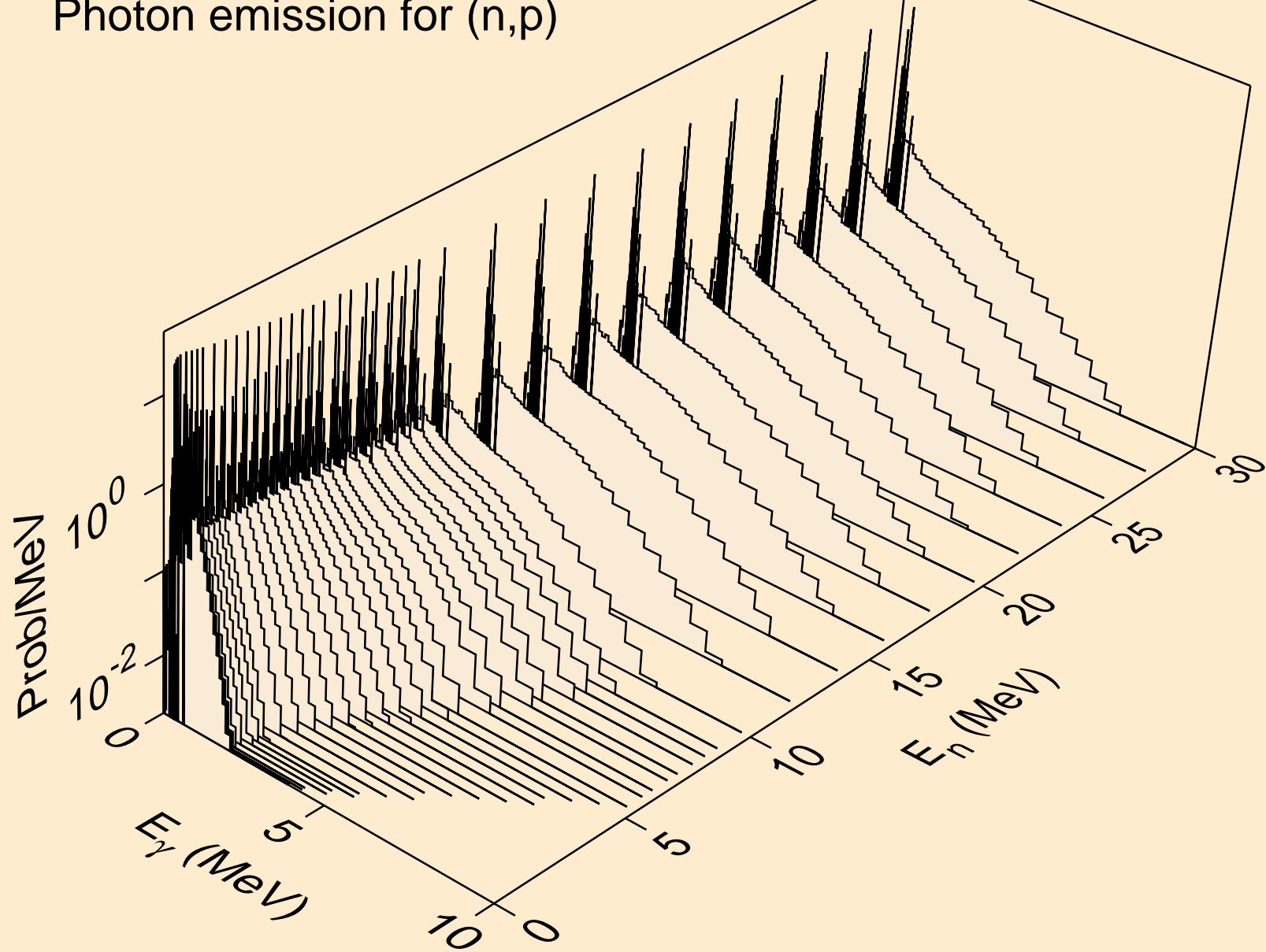
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



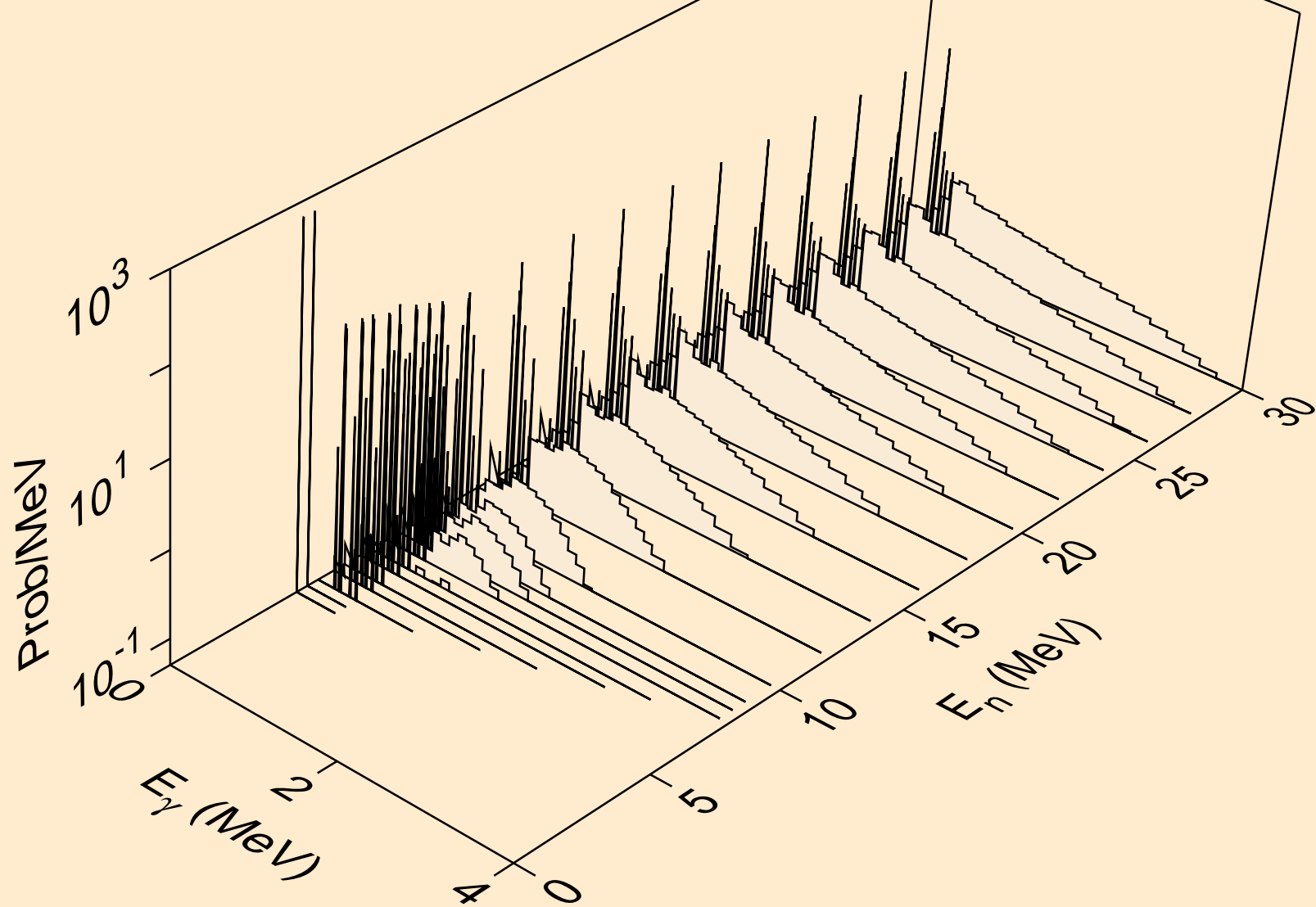
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



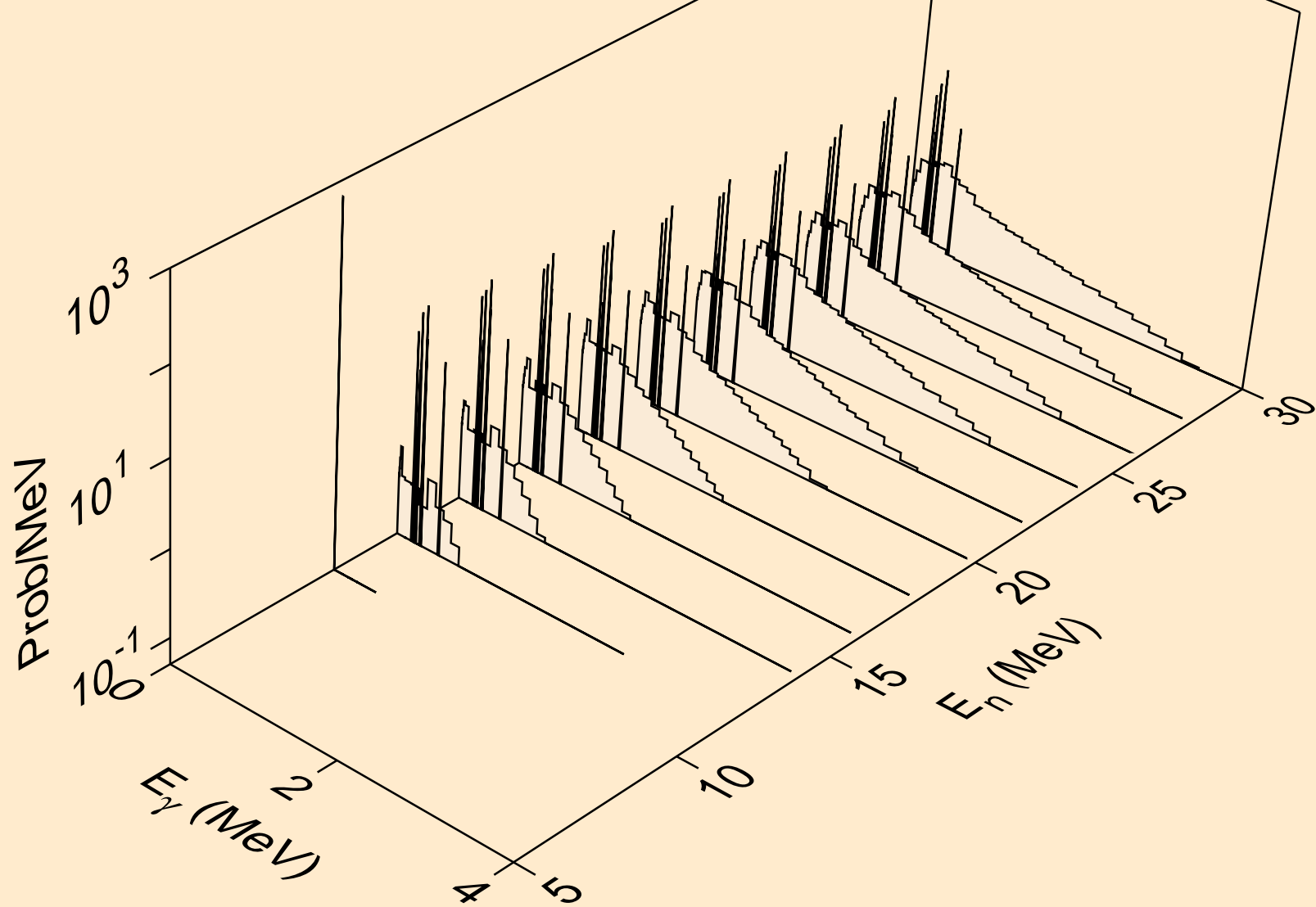
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



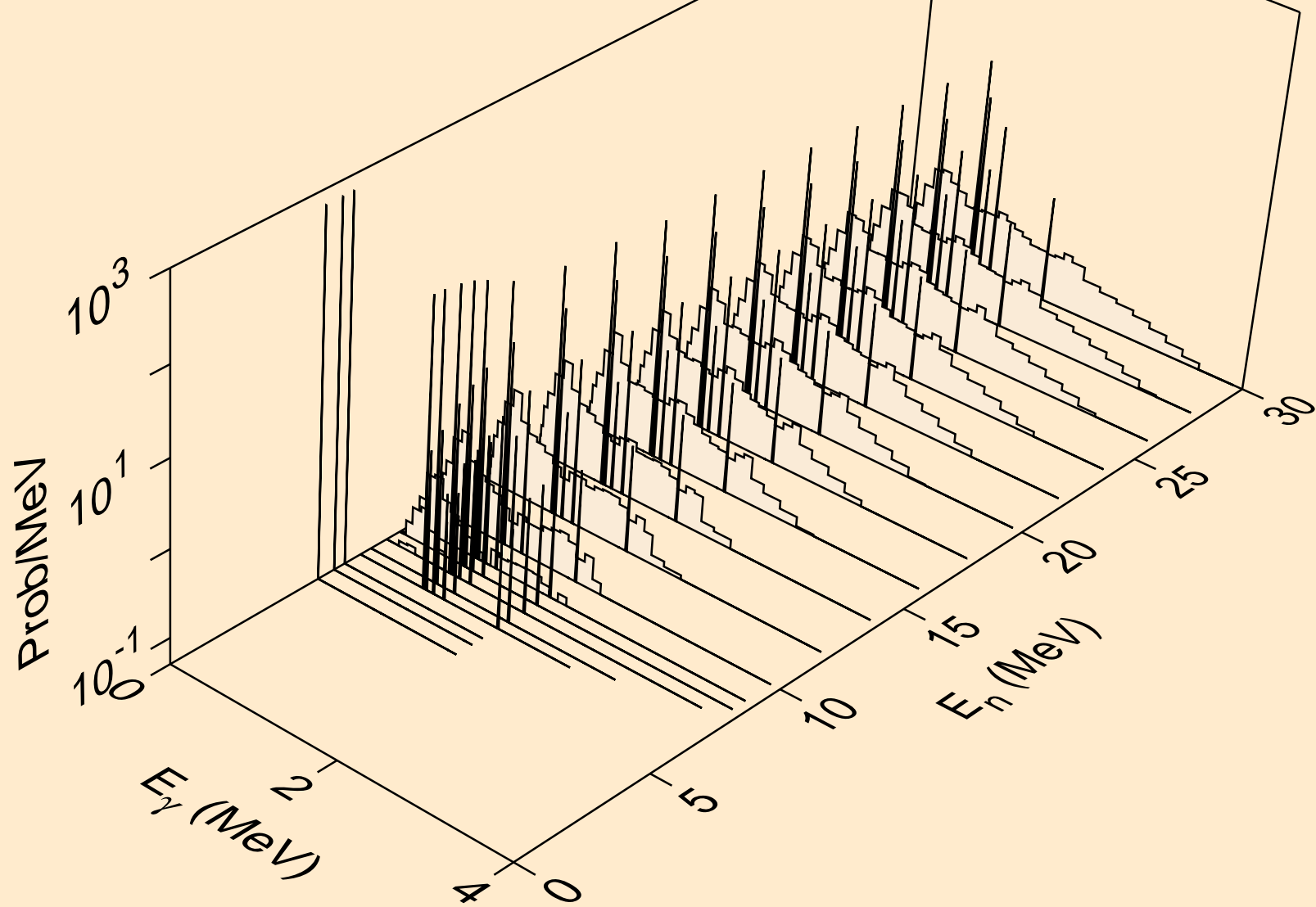
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



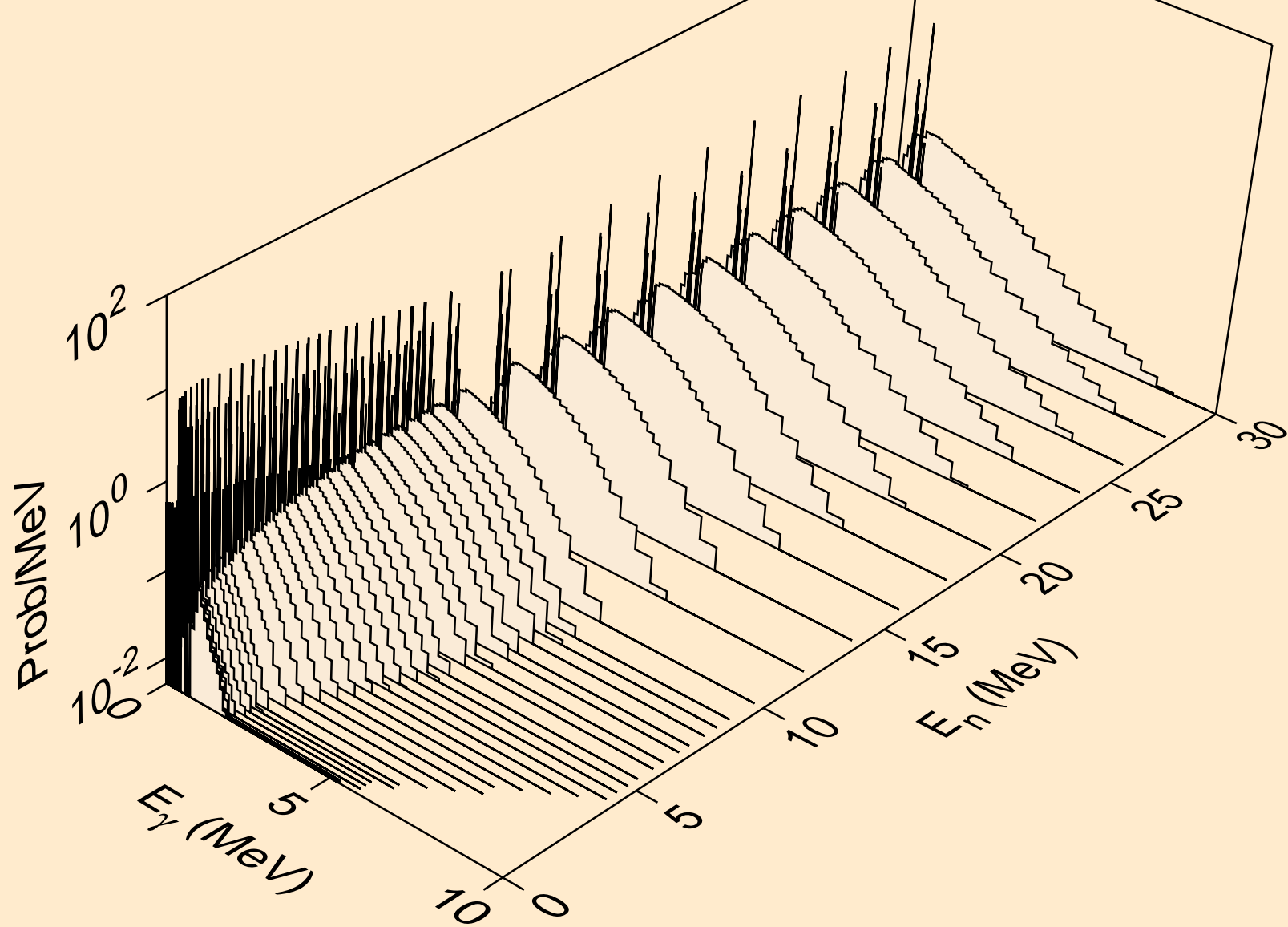
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



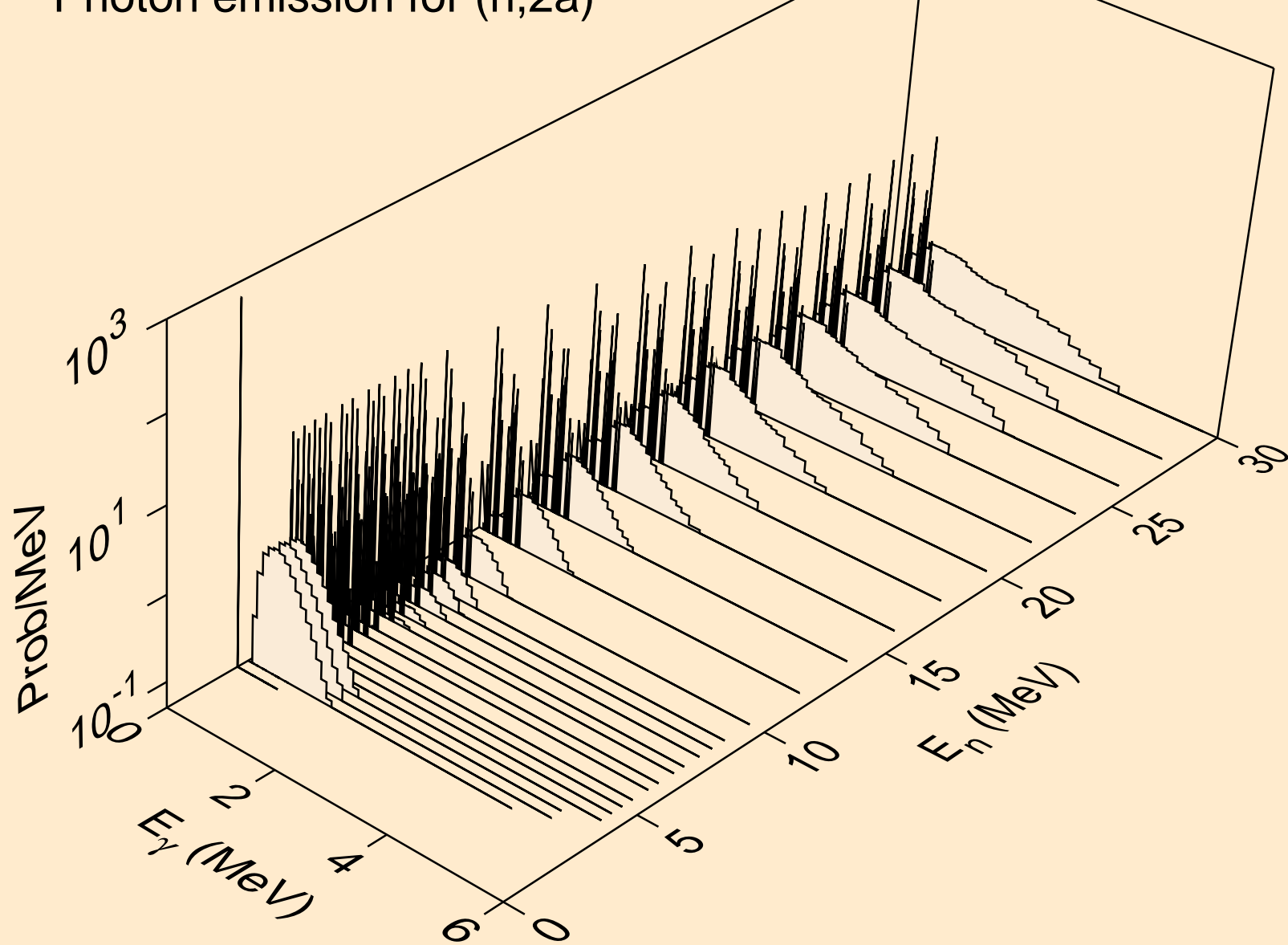
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

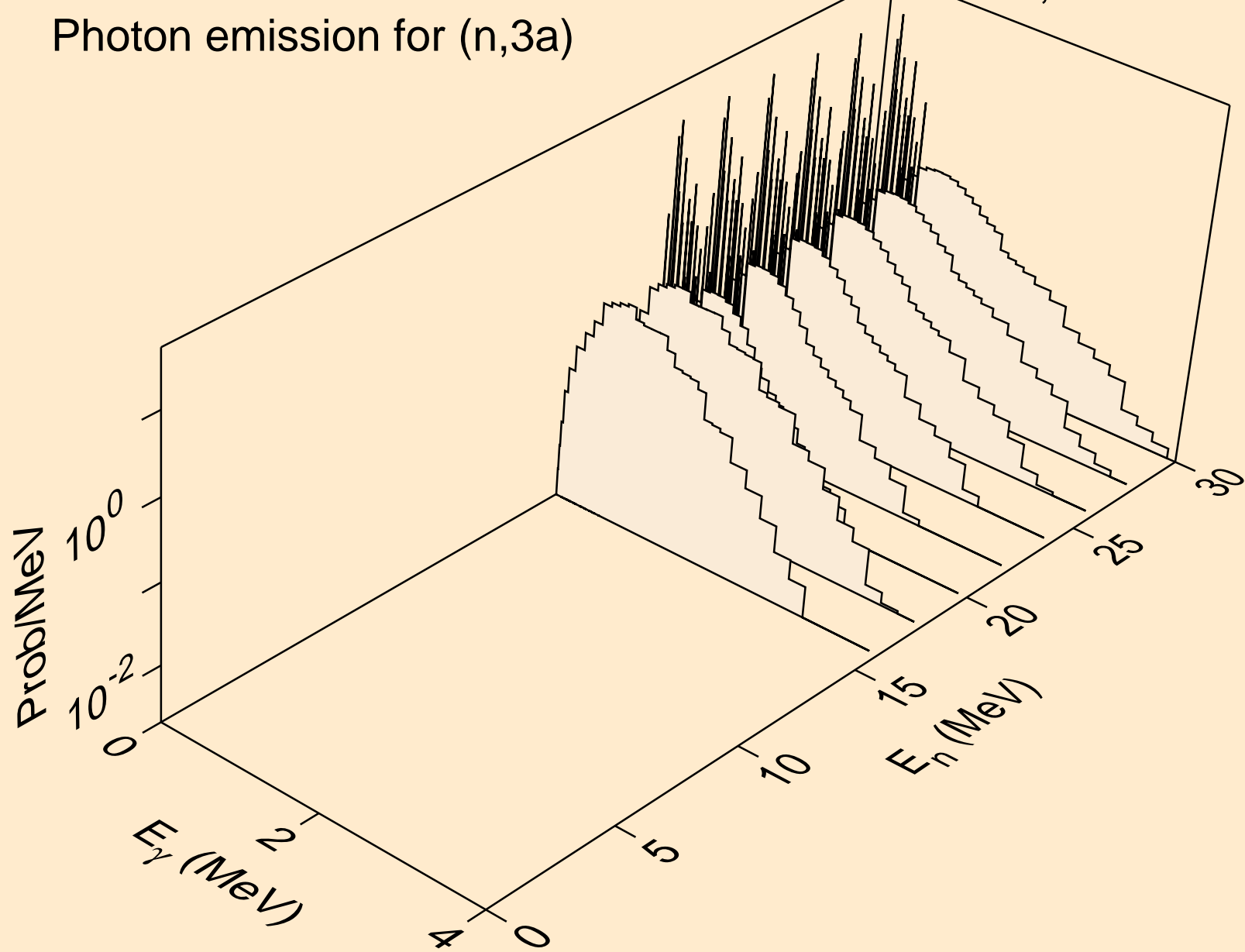


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

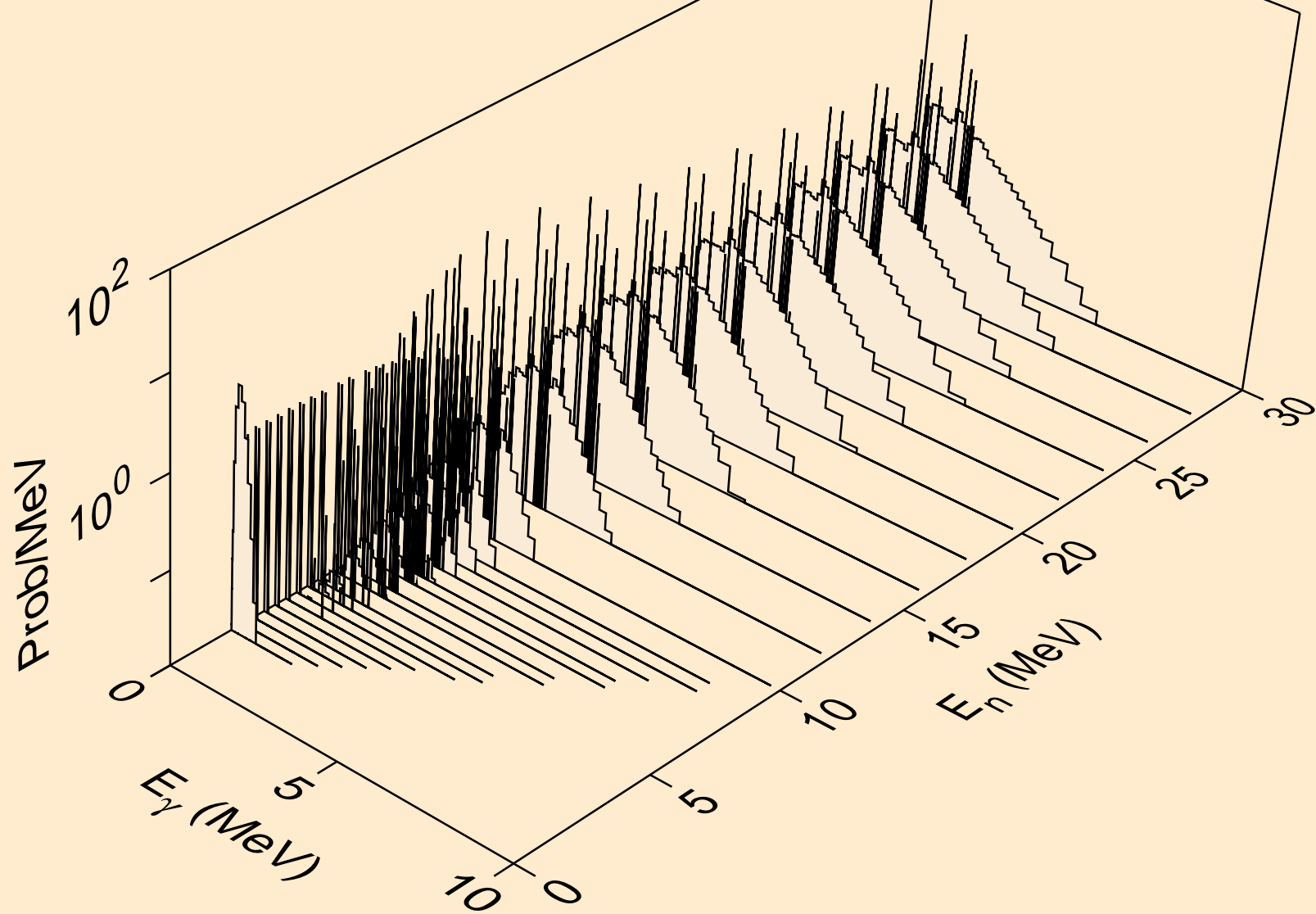




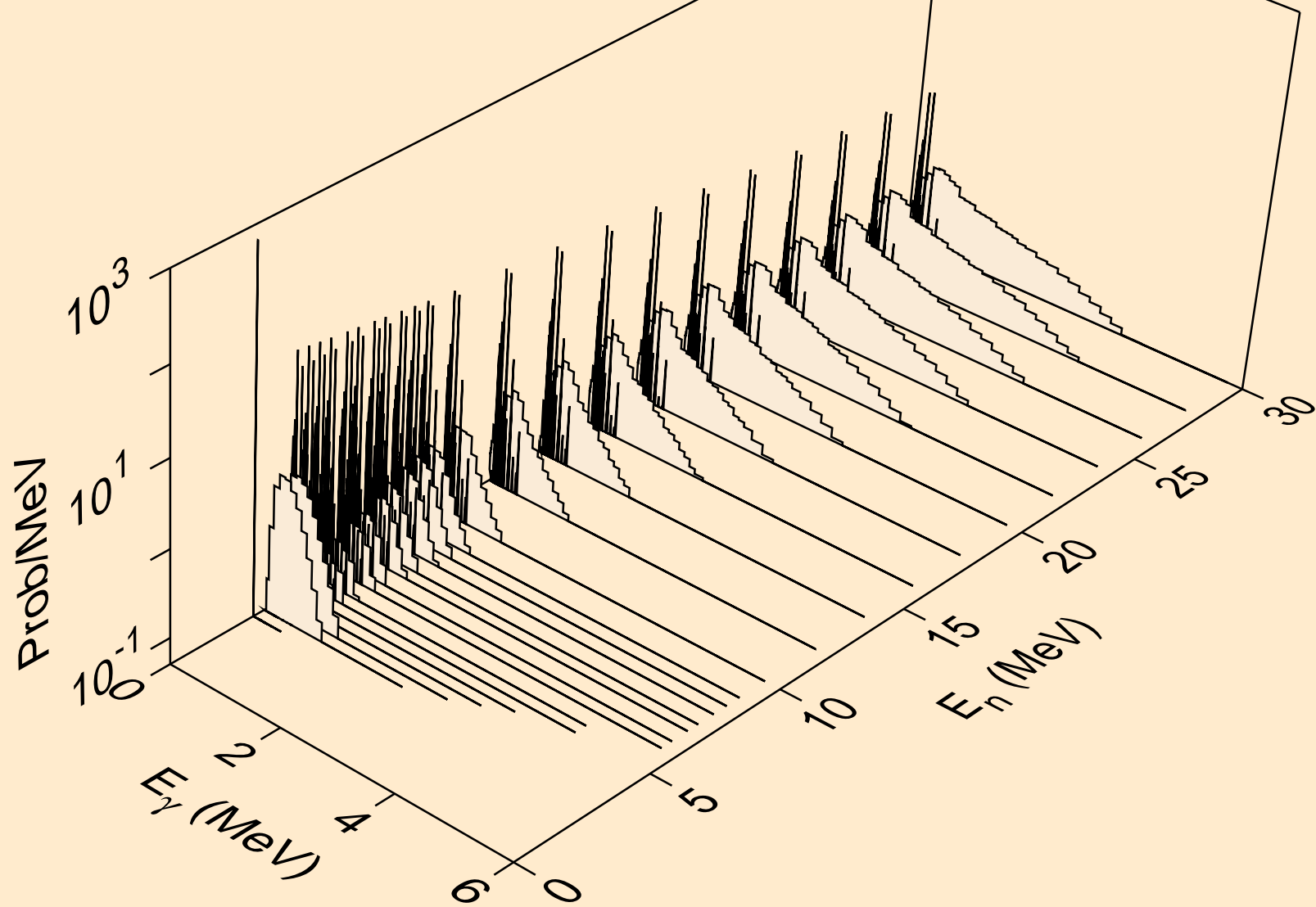
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



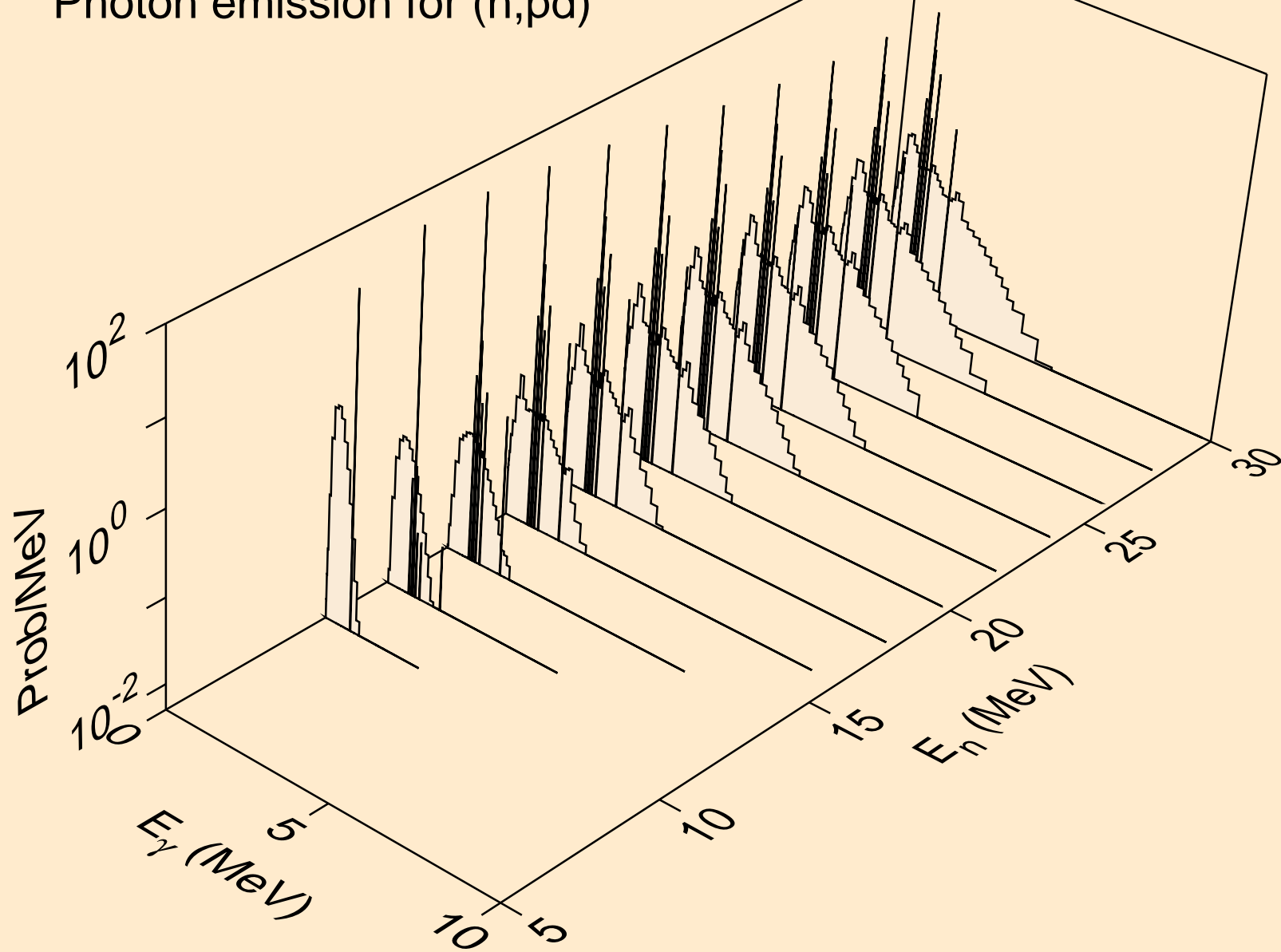
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



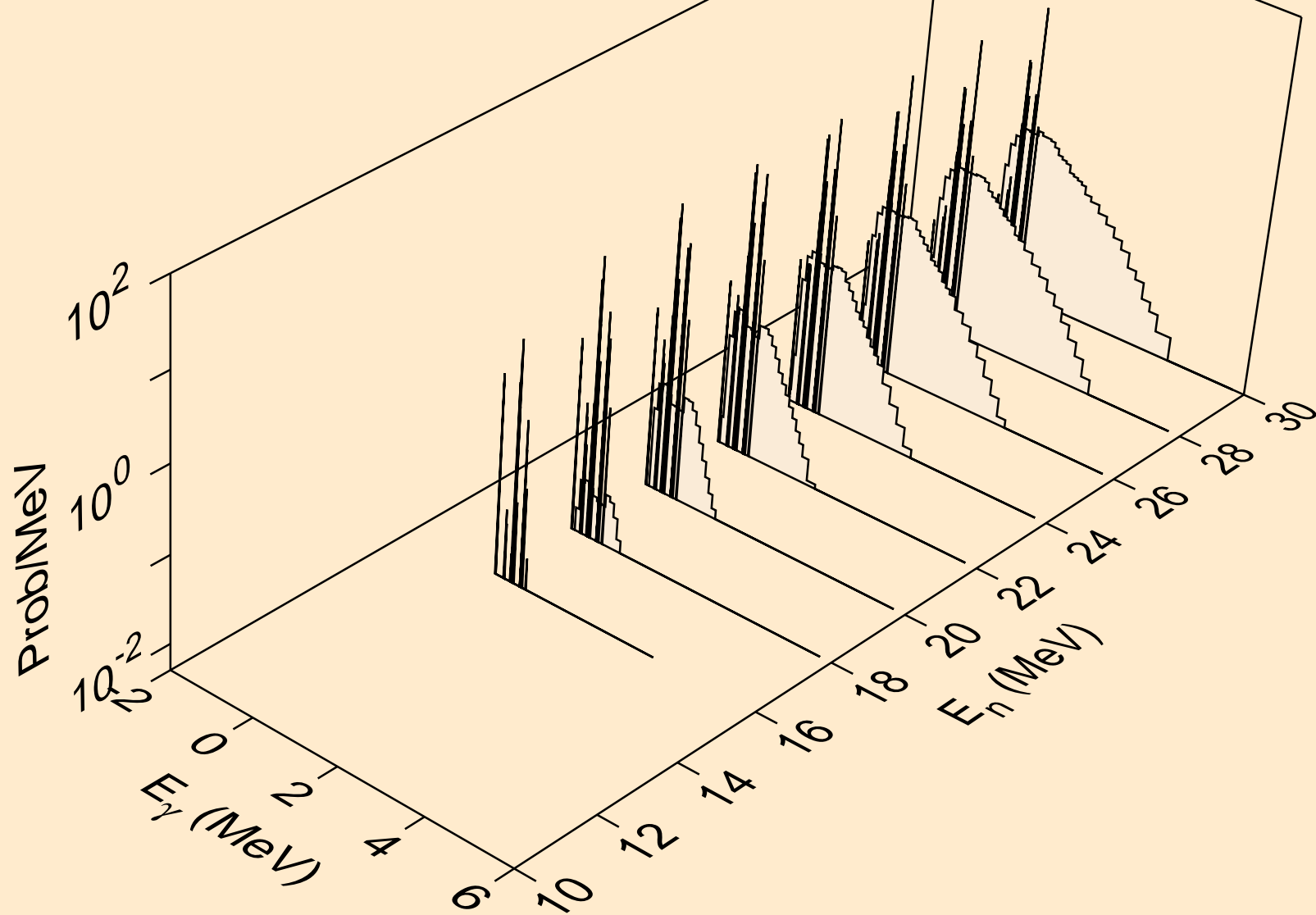
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



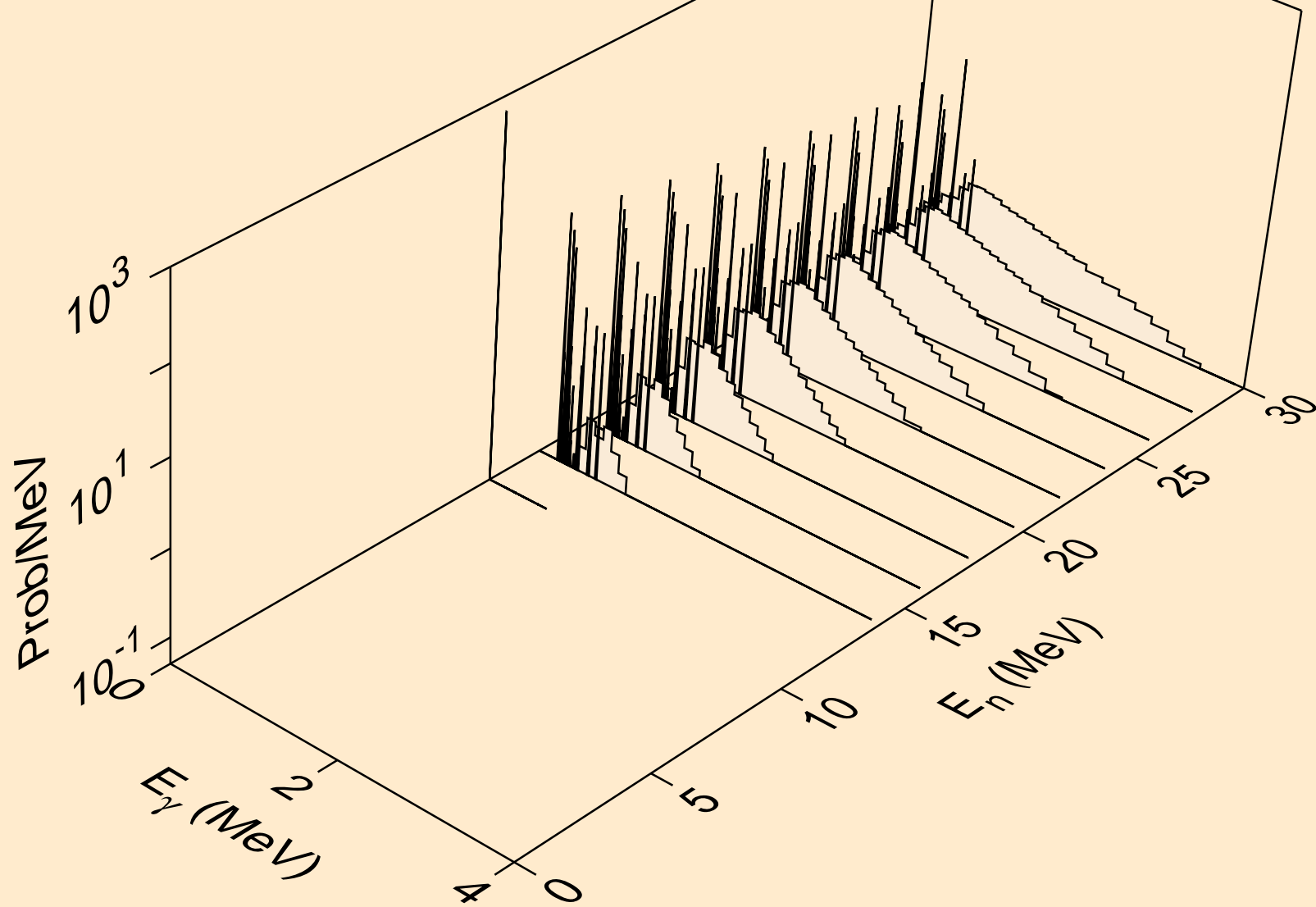
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



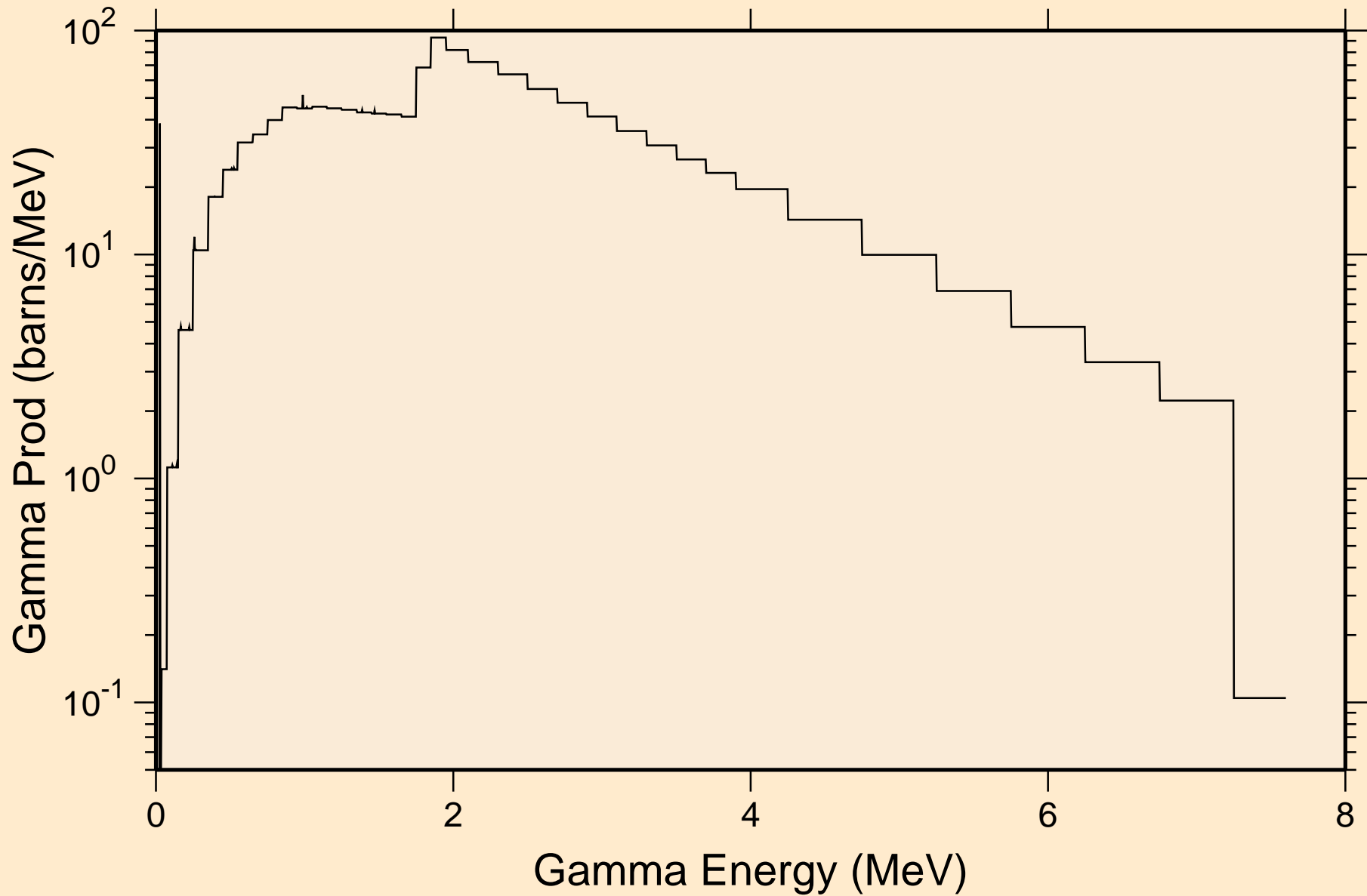
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



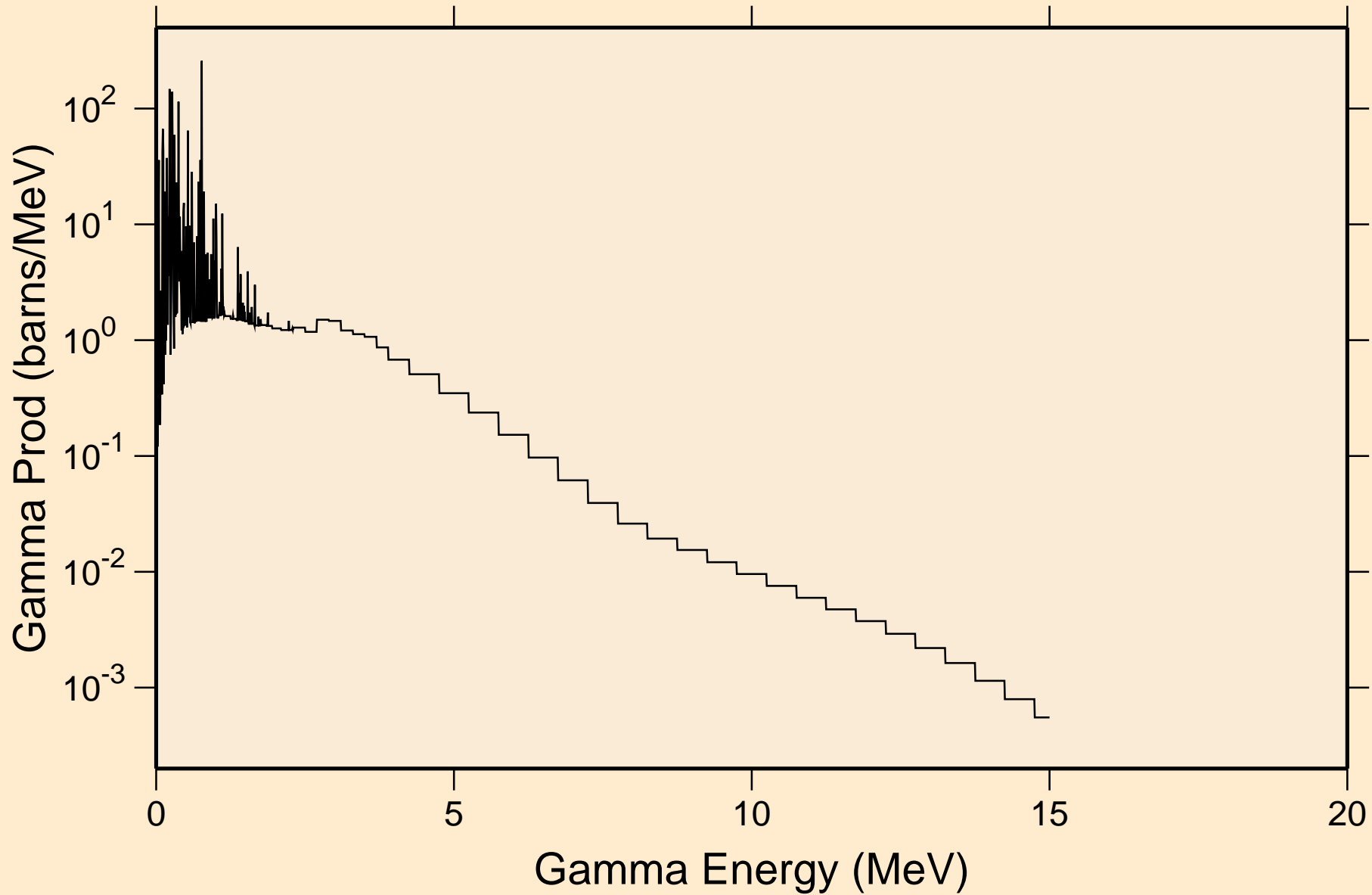
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



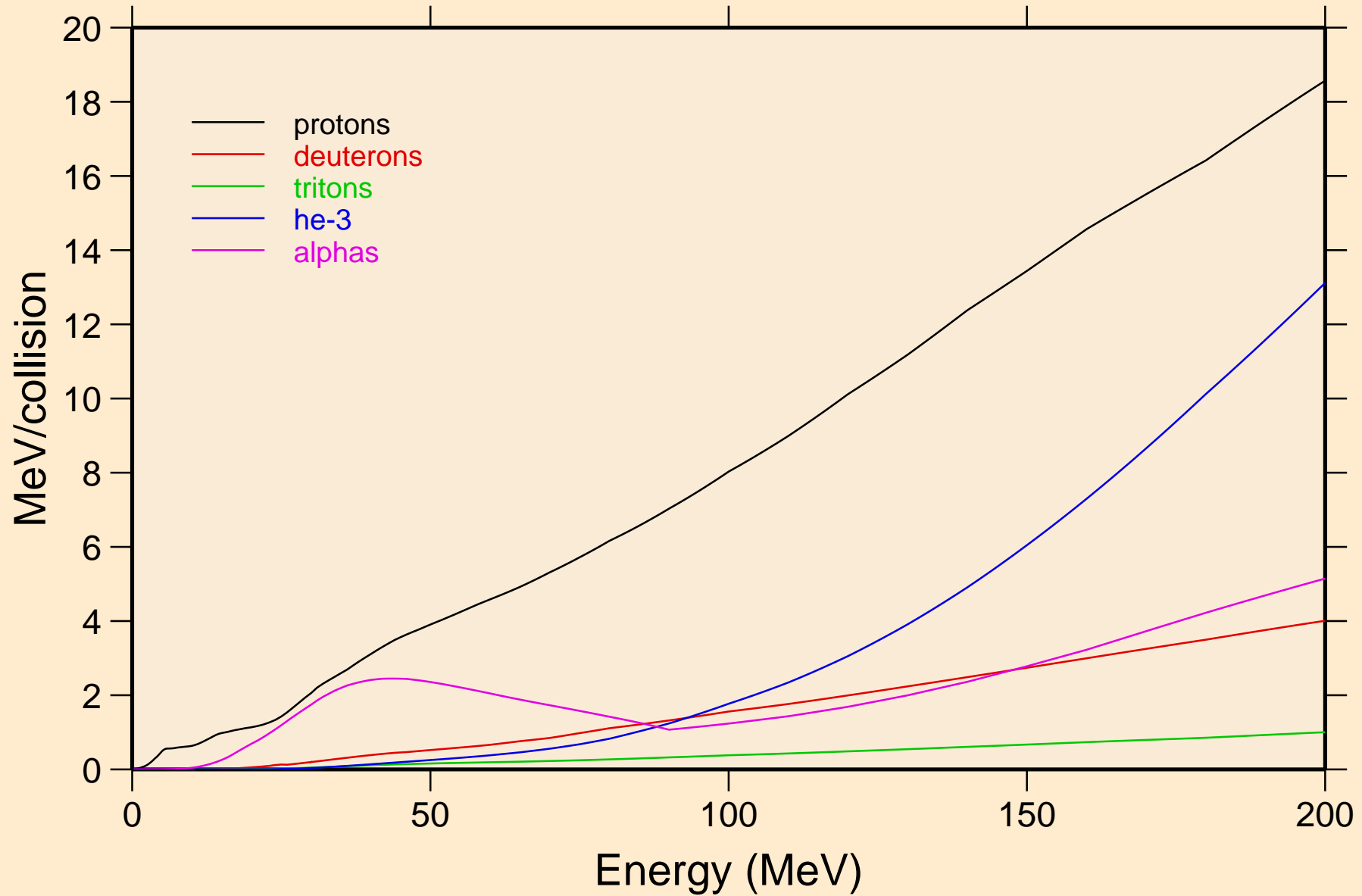
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum





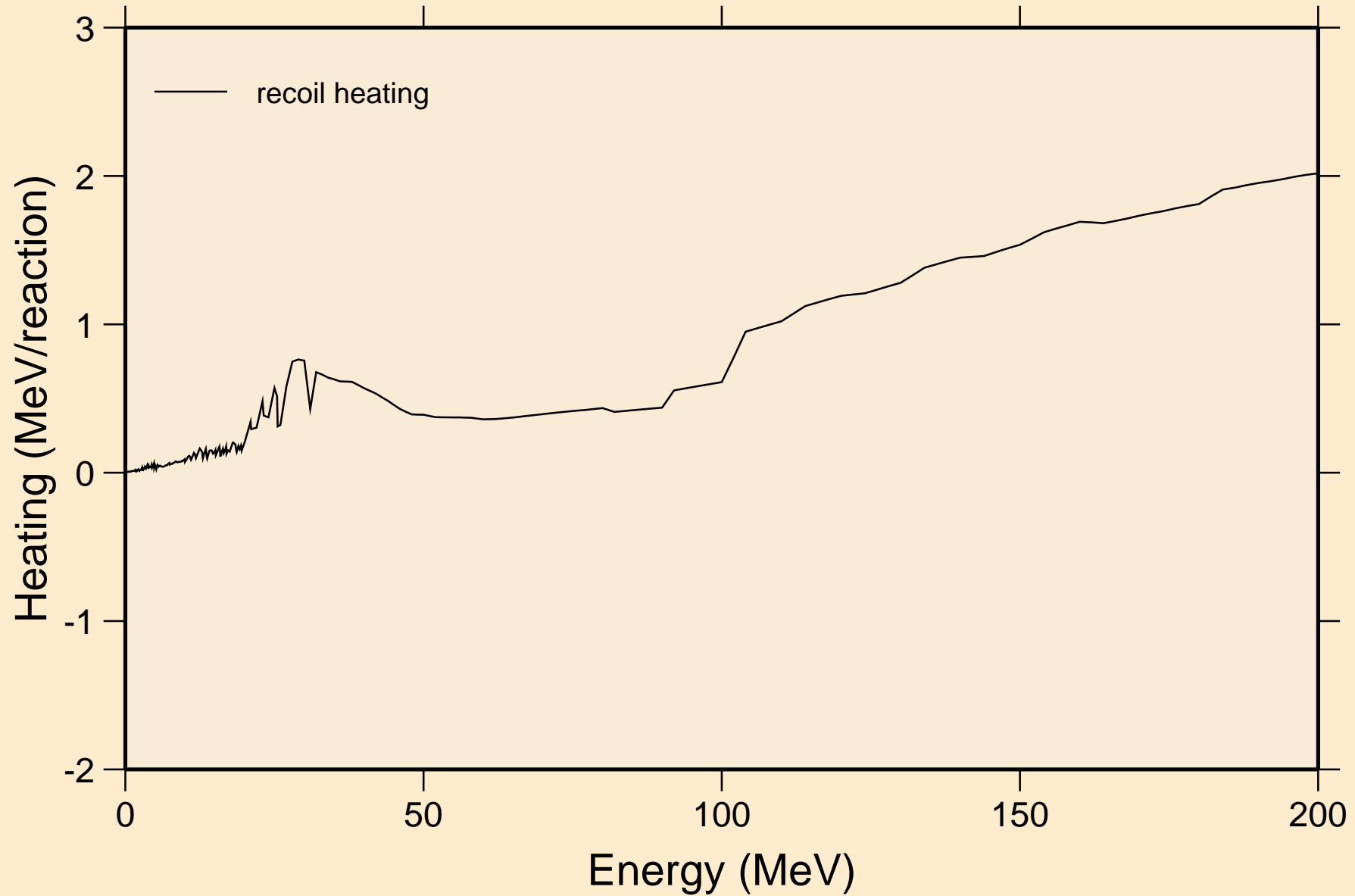
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



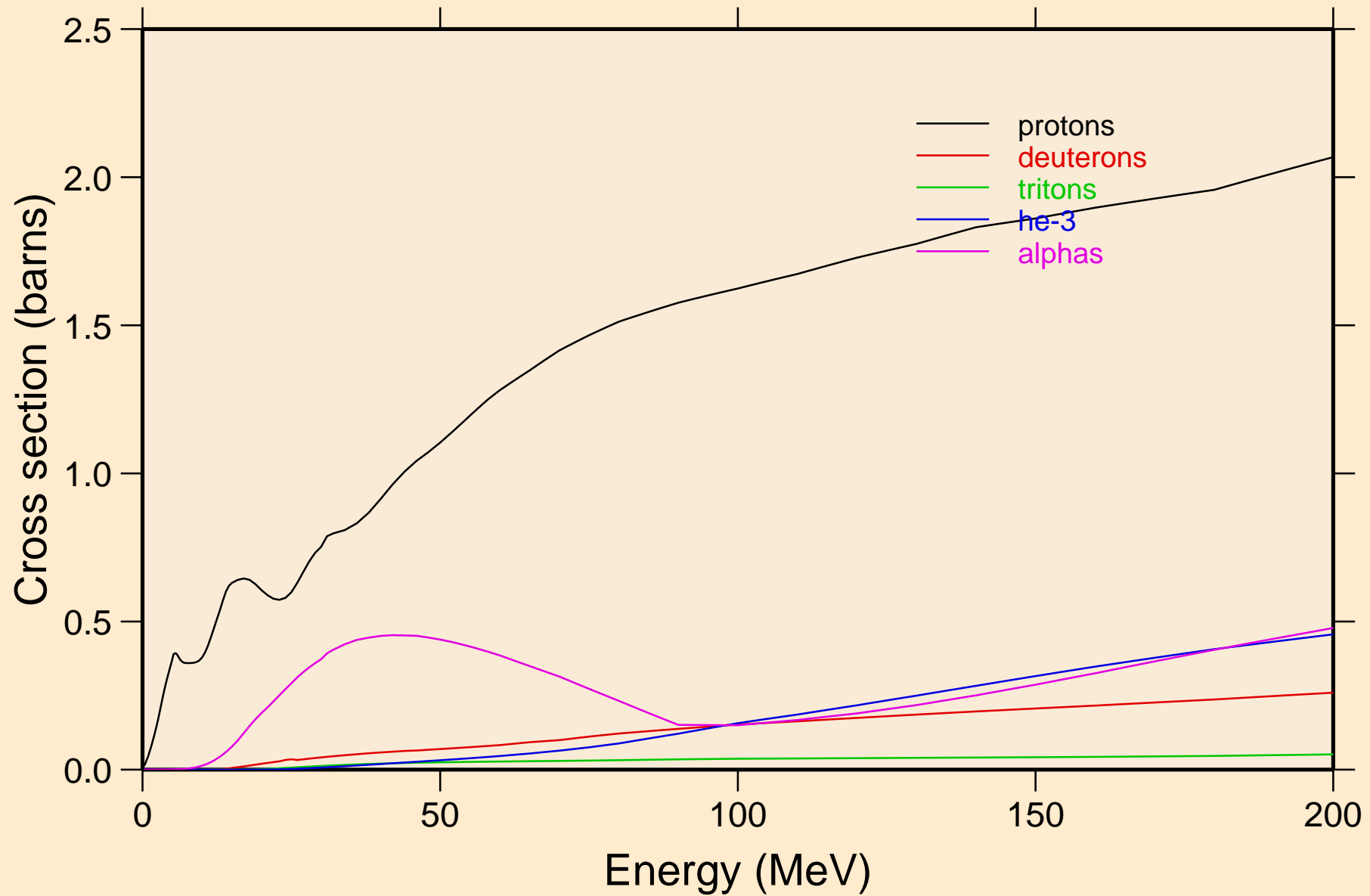
# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

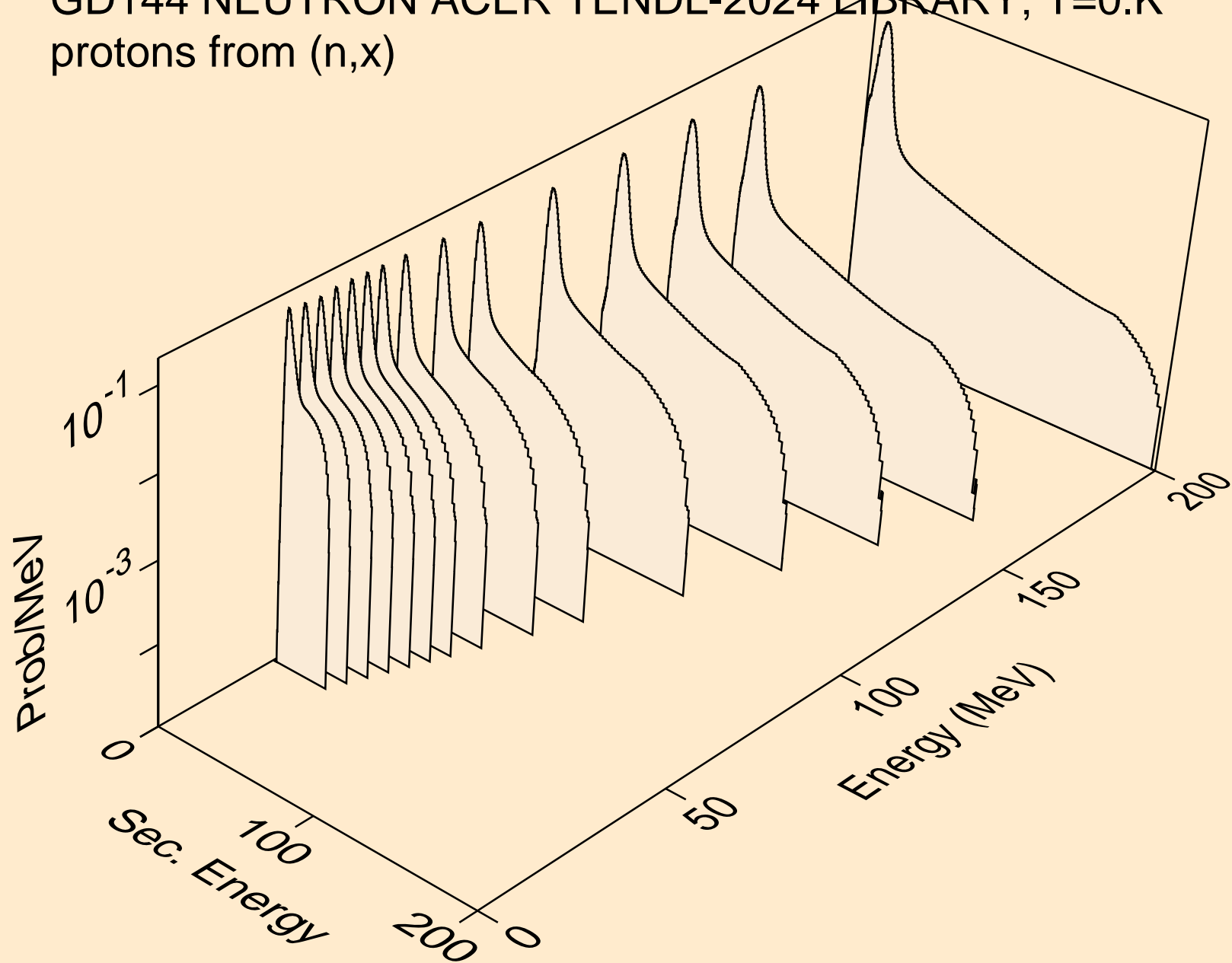


# GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

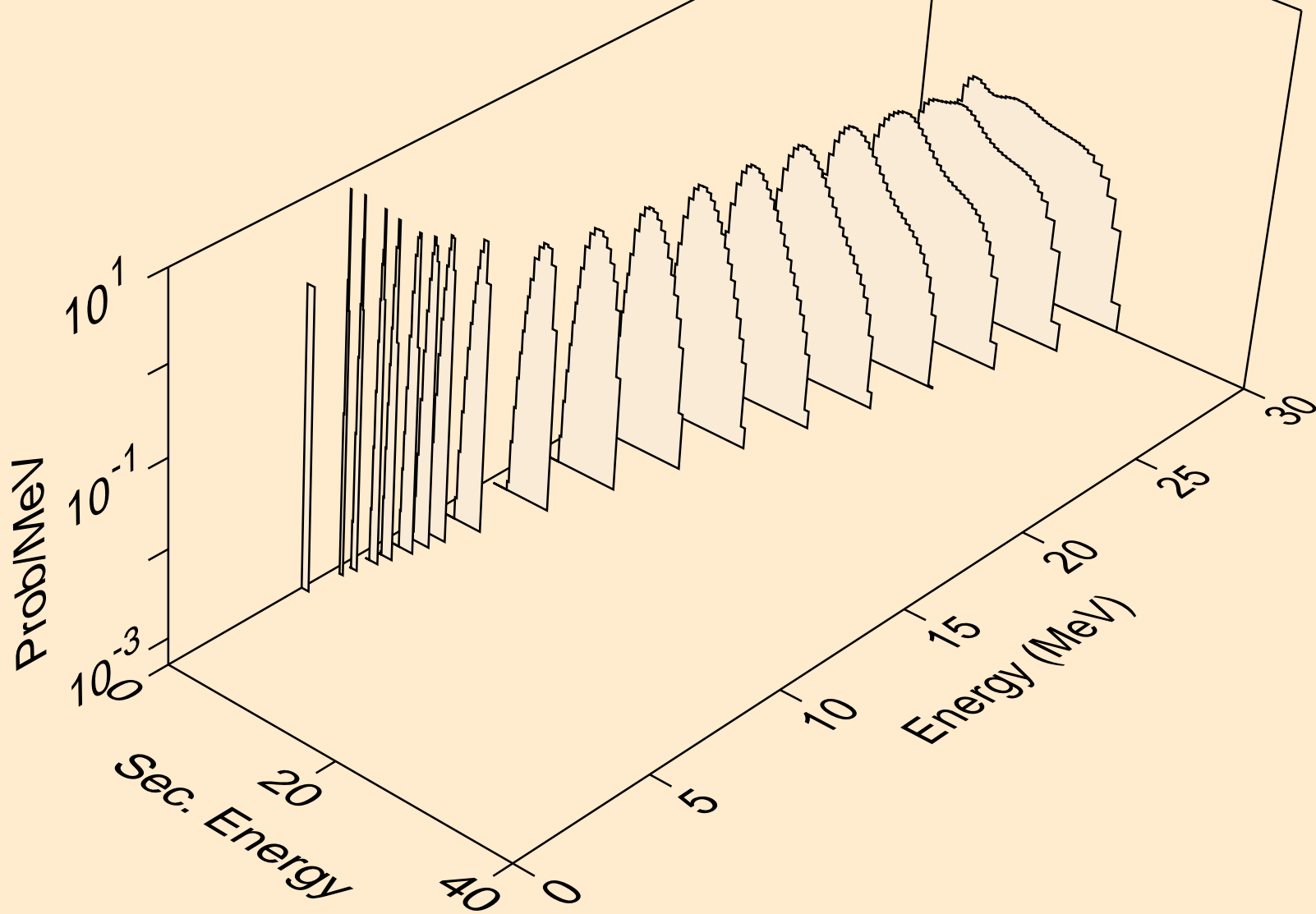
## Particle production cross sections



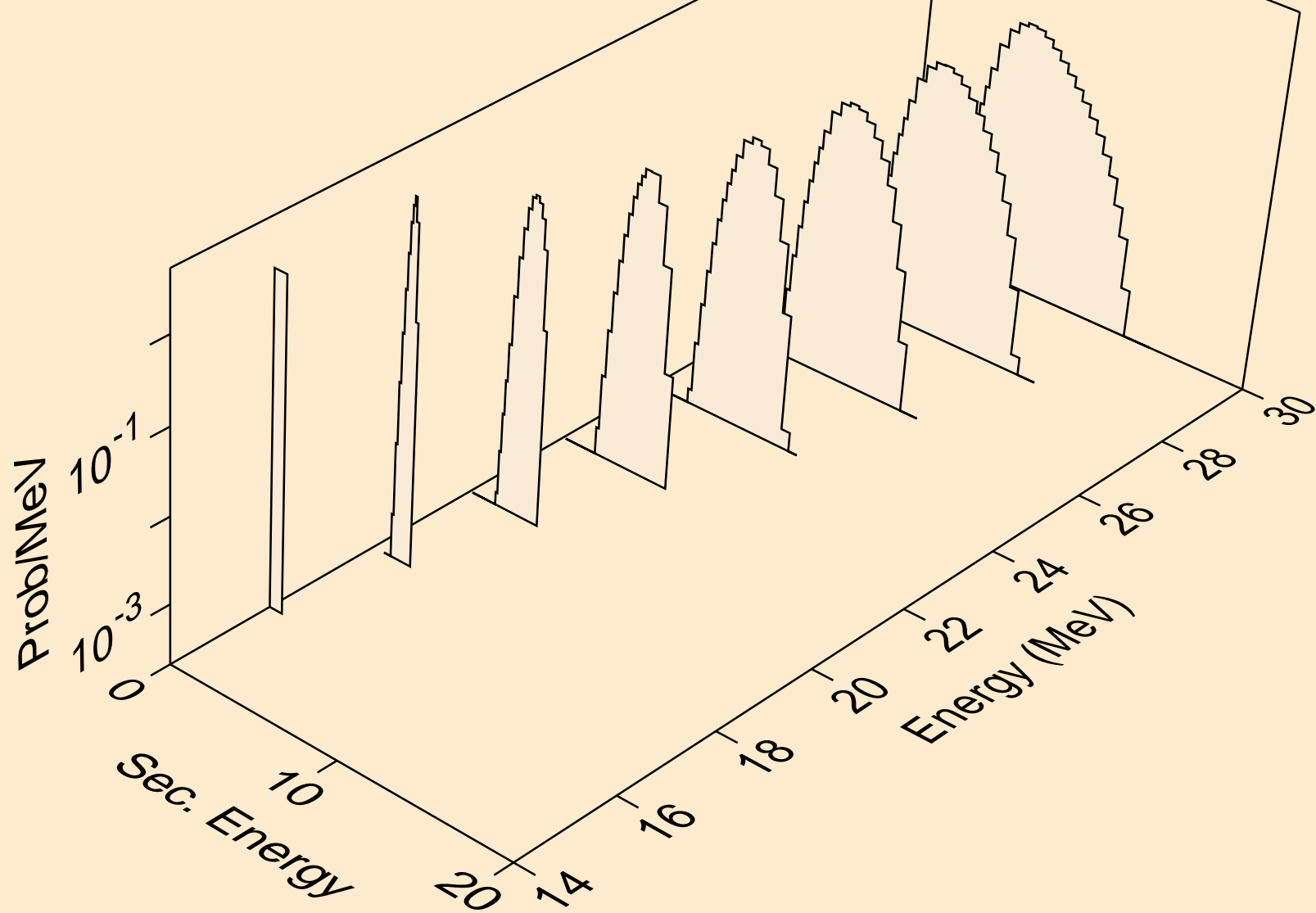
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



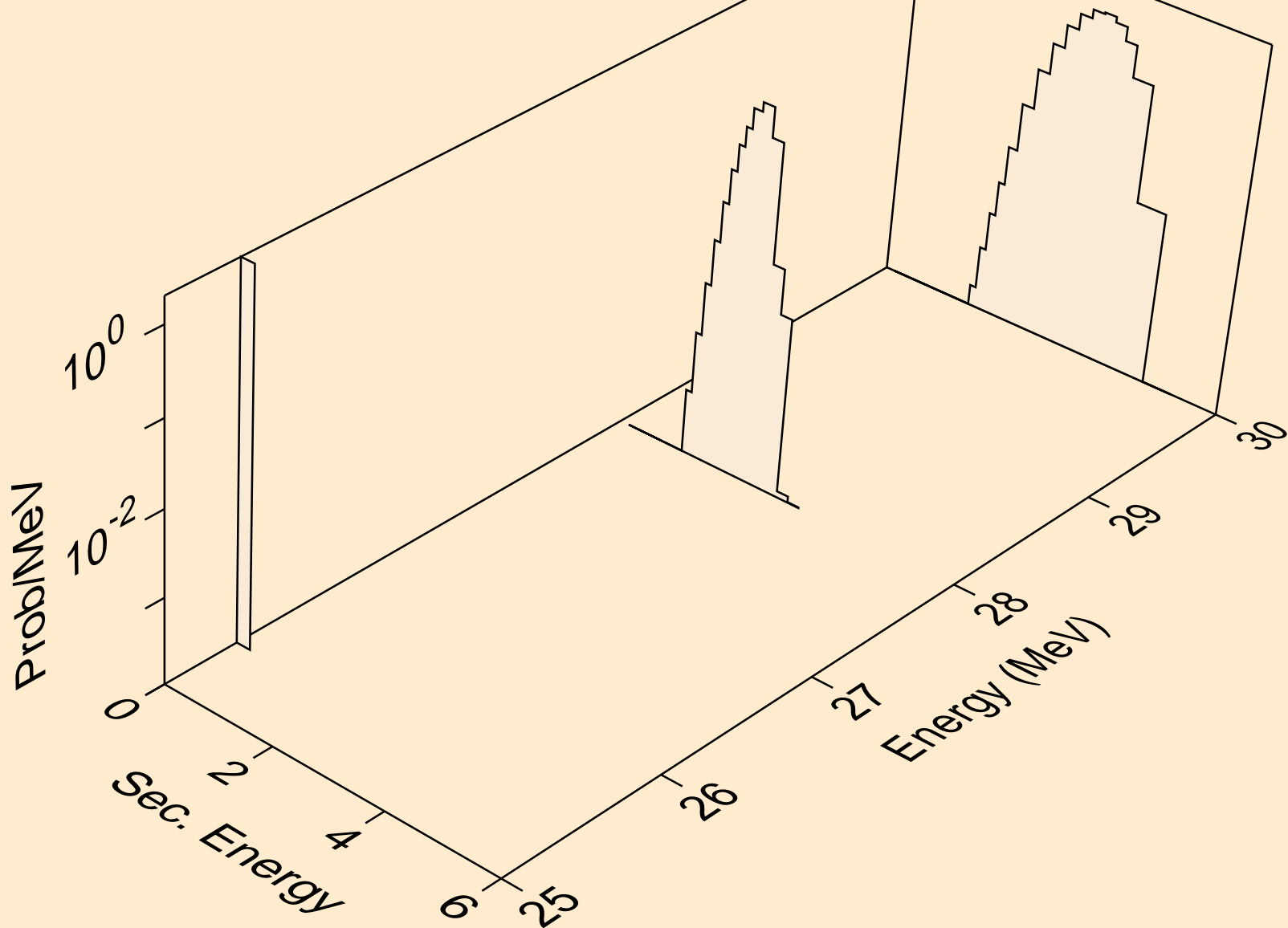
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



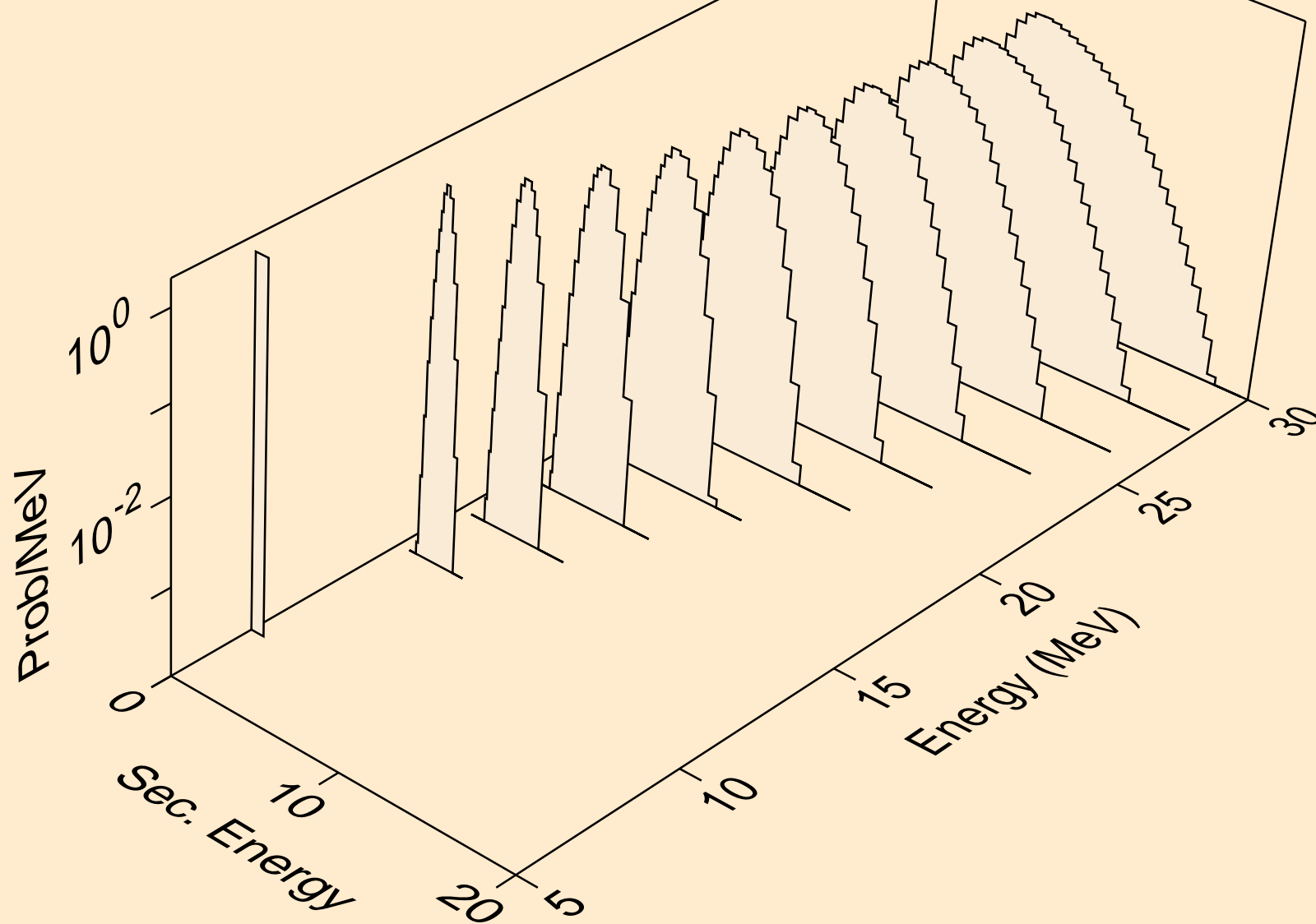
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

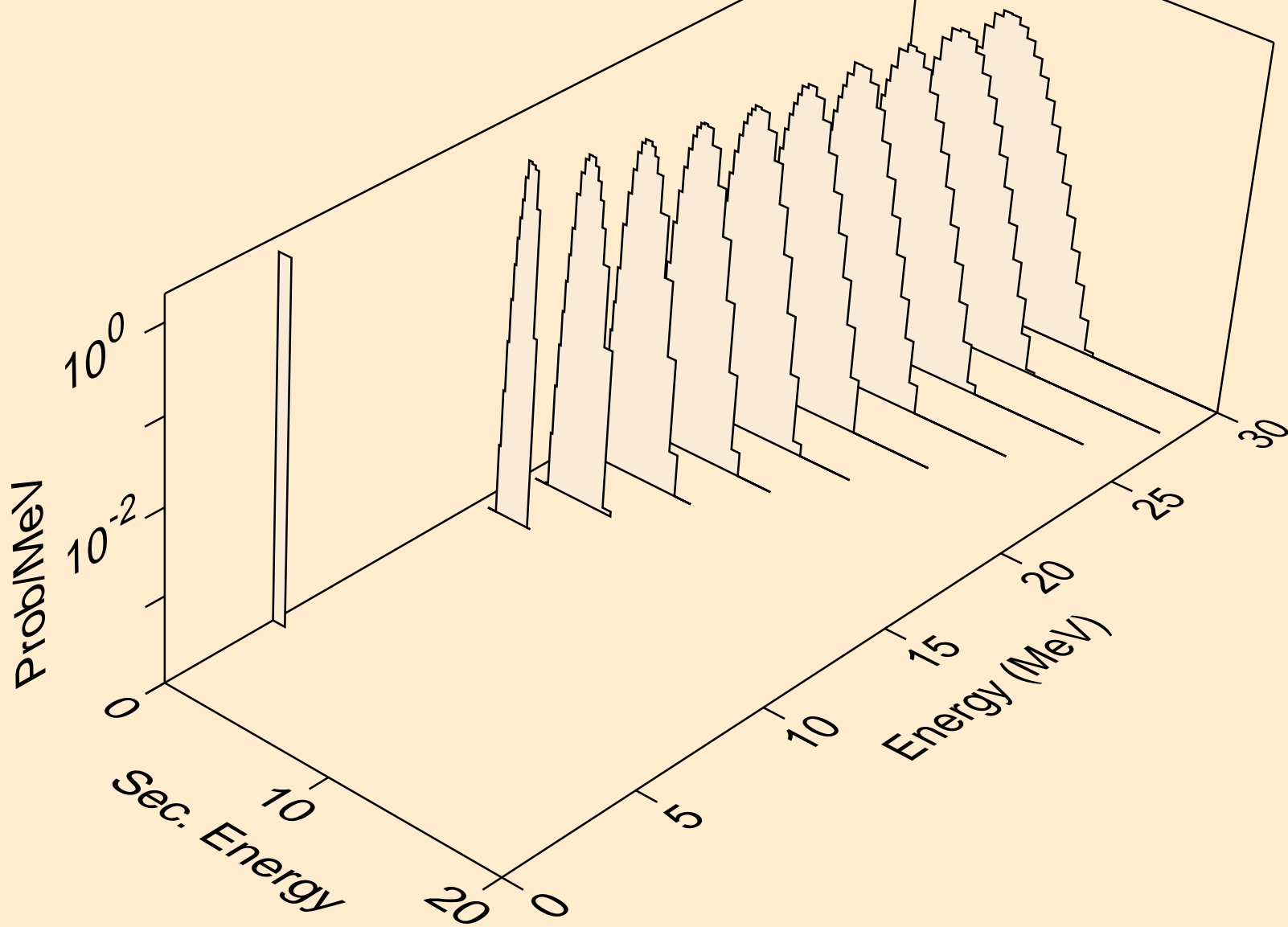


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

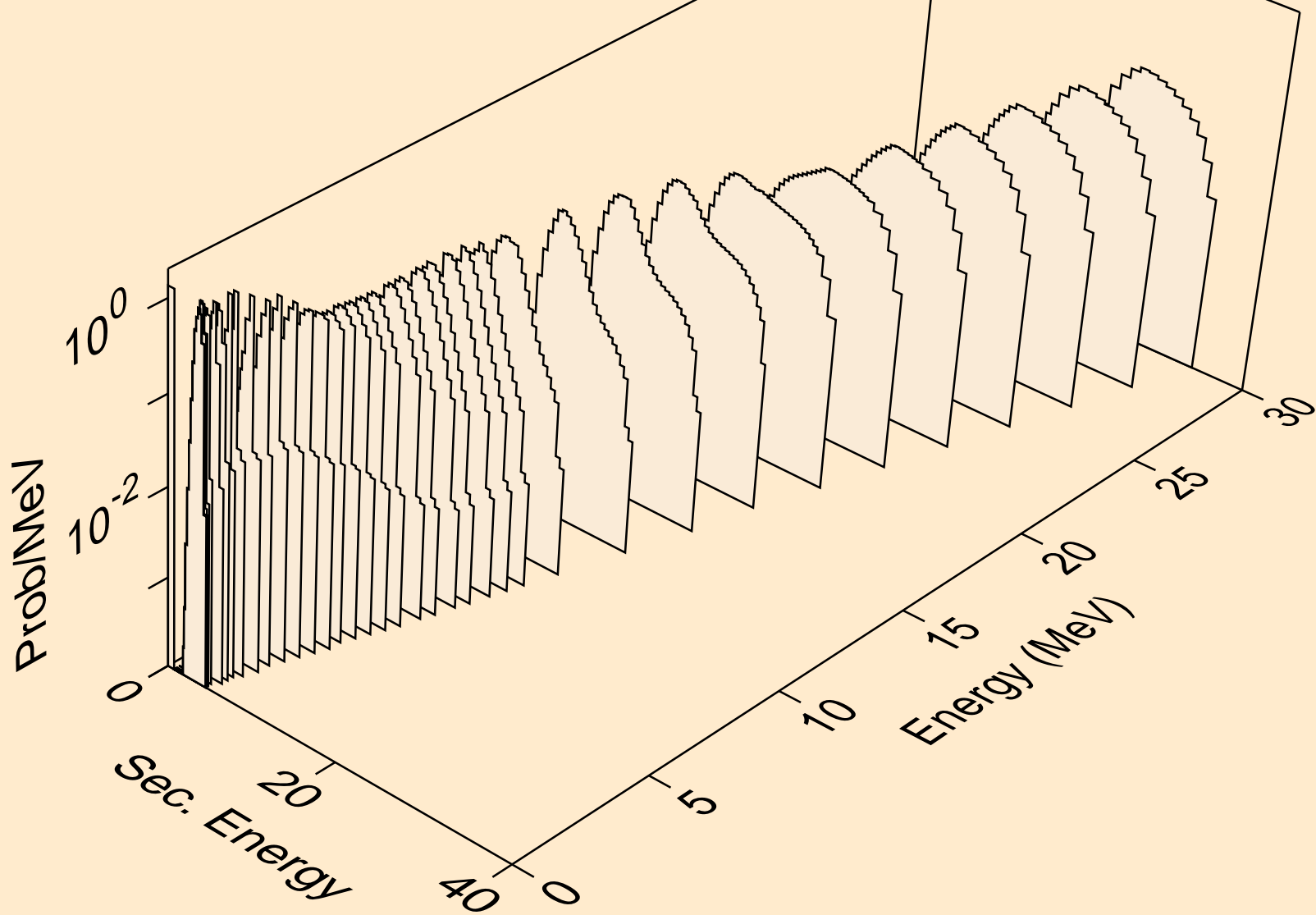




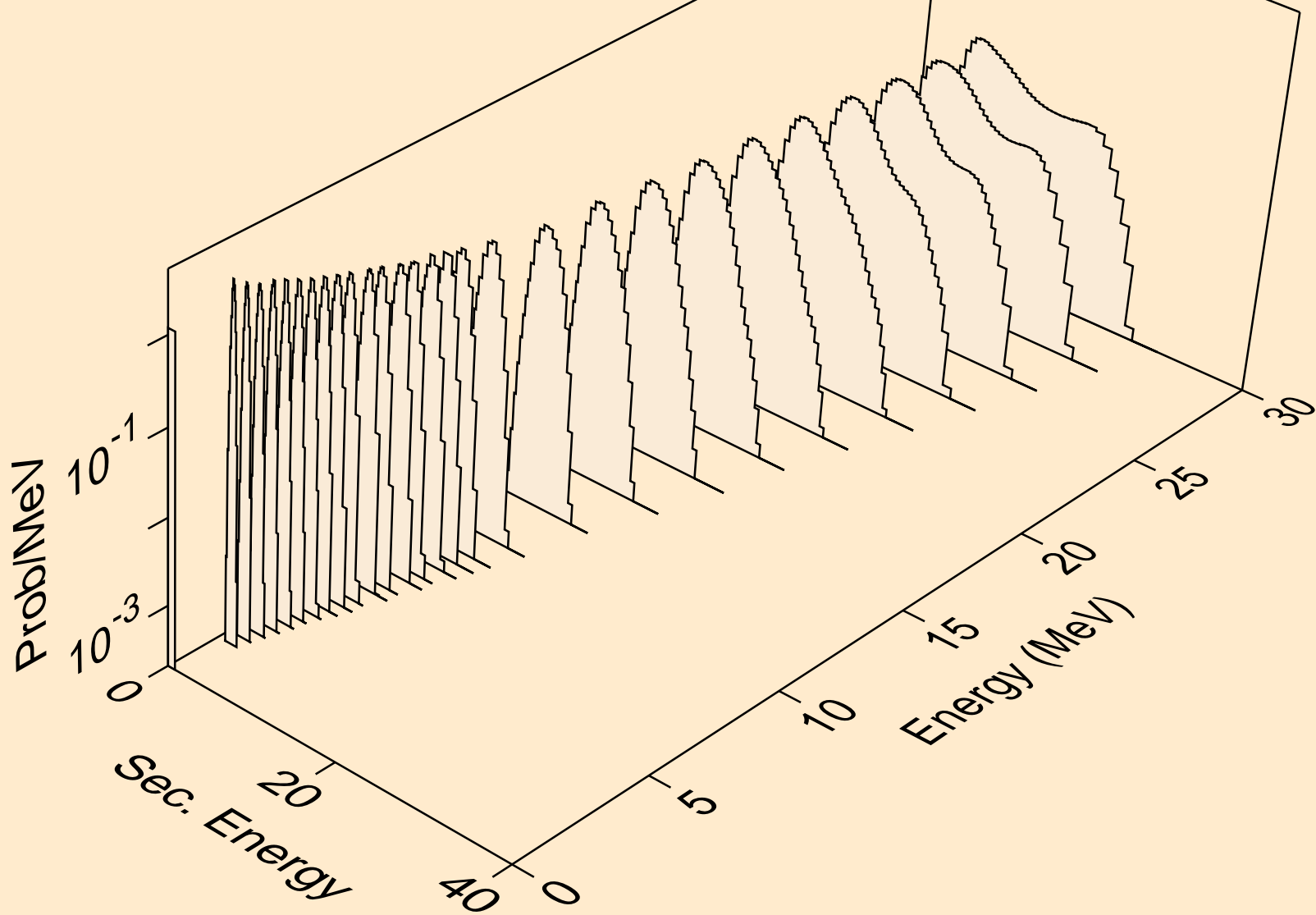
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



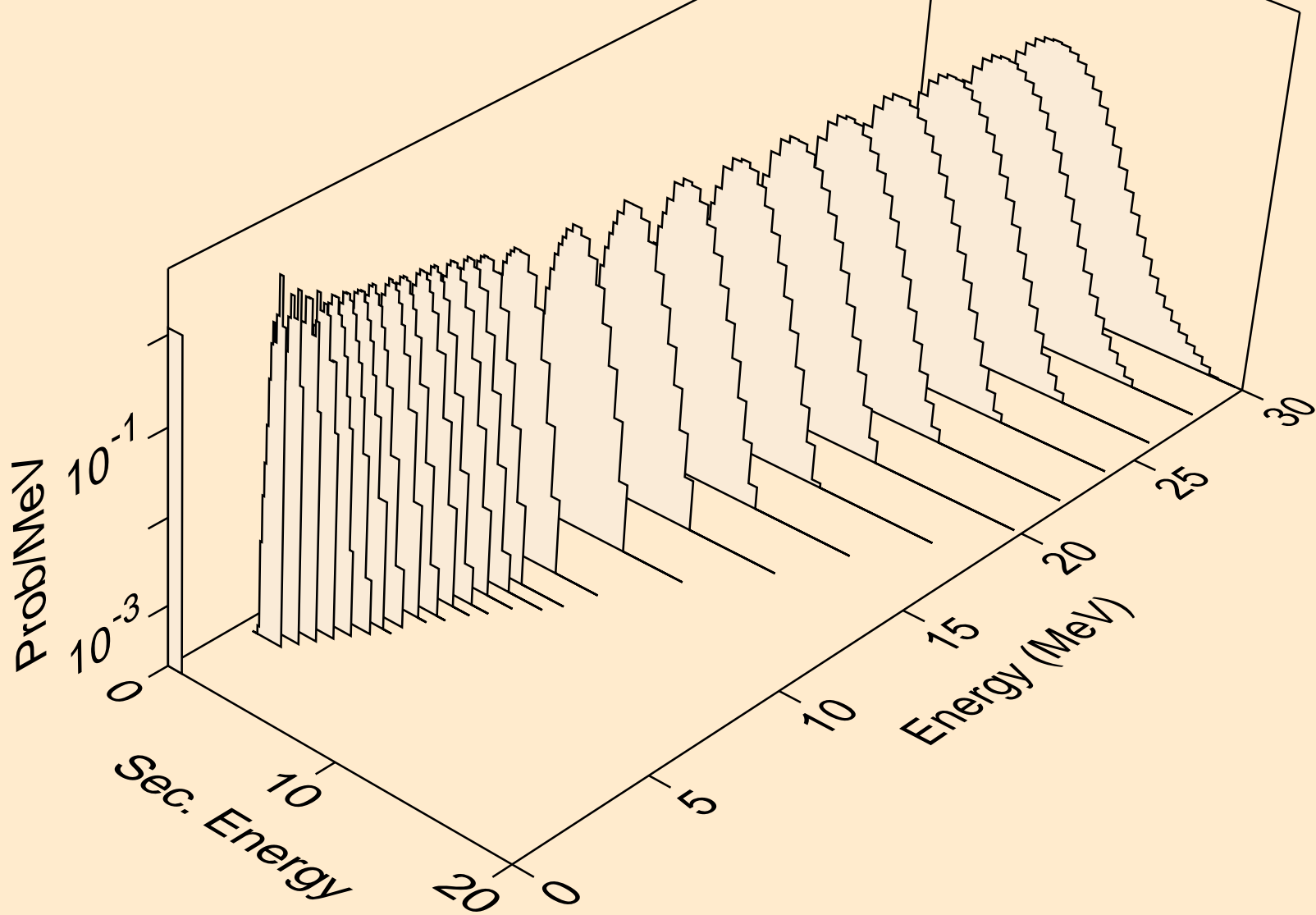
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



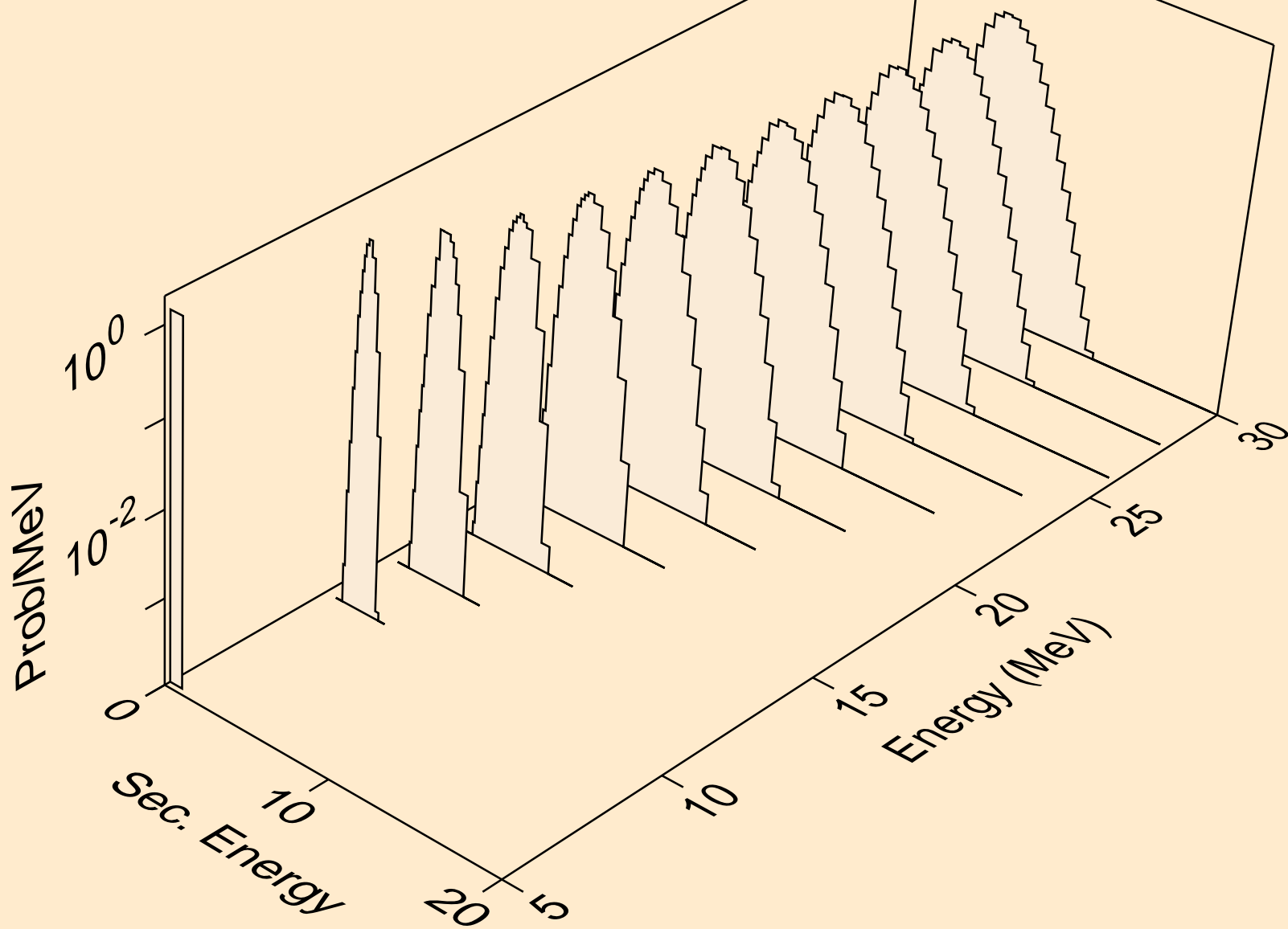
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protons from (n,2p)



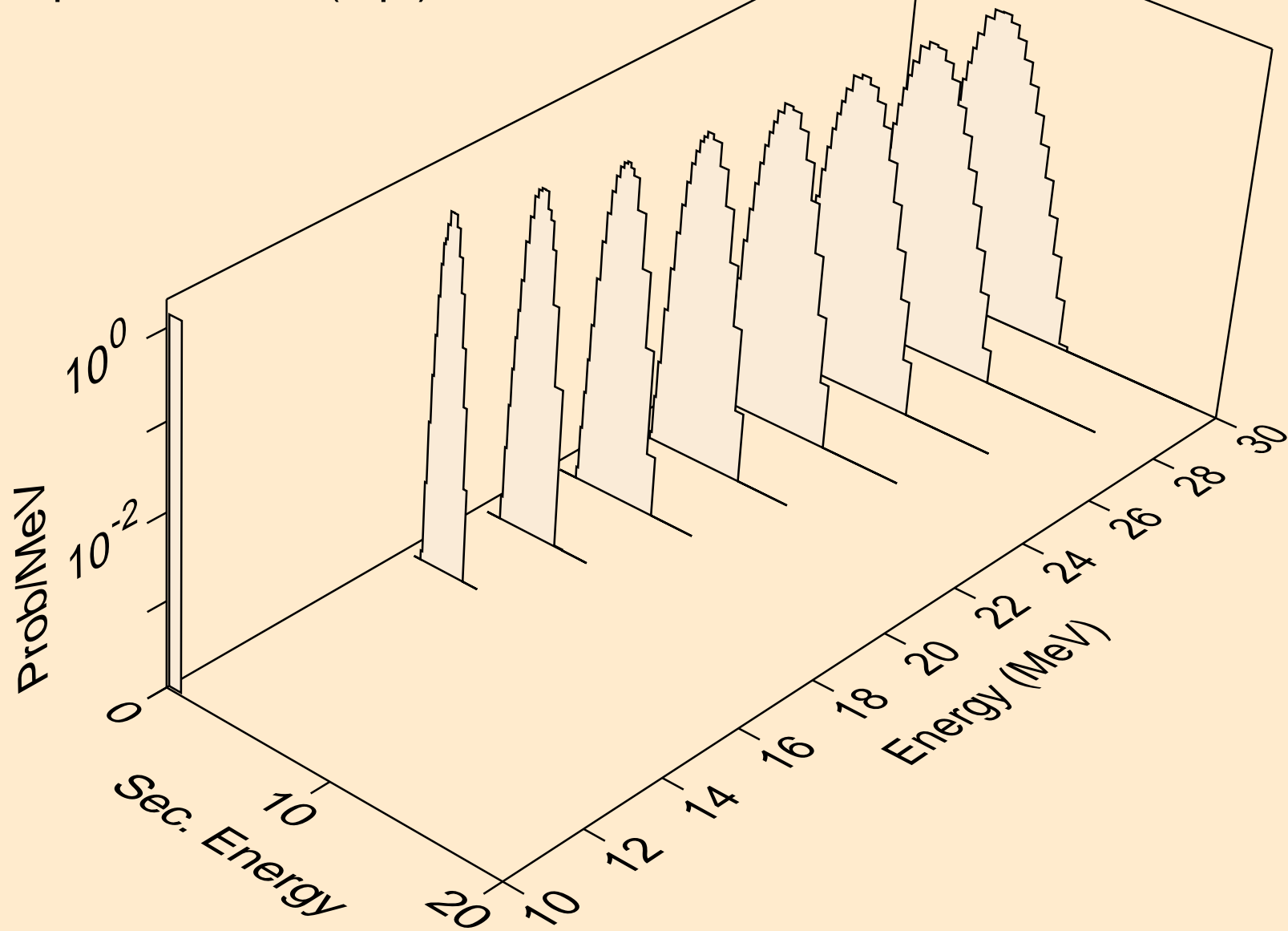
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



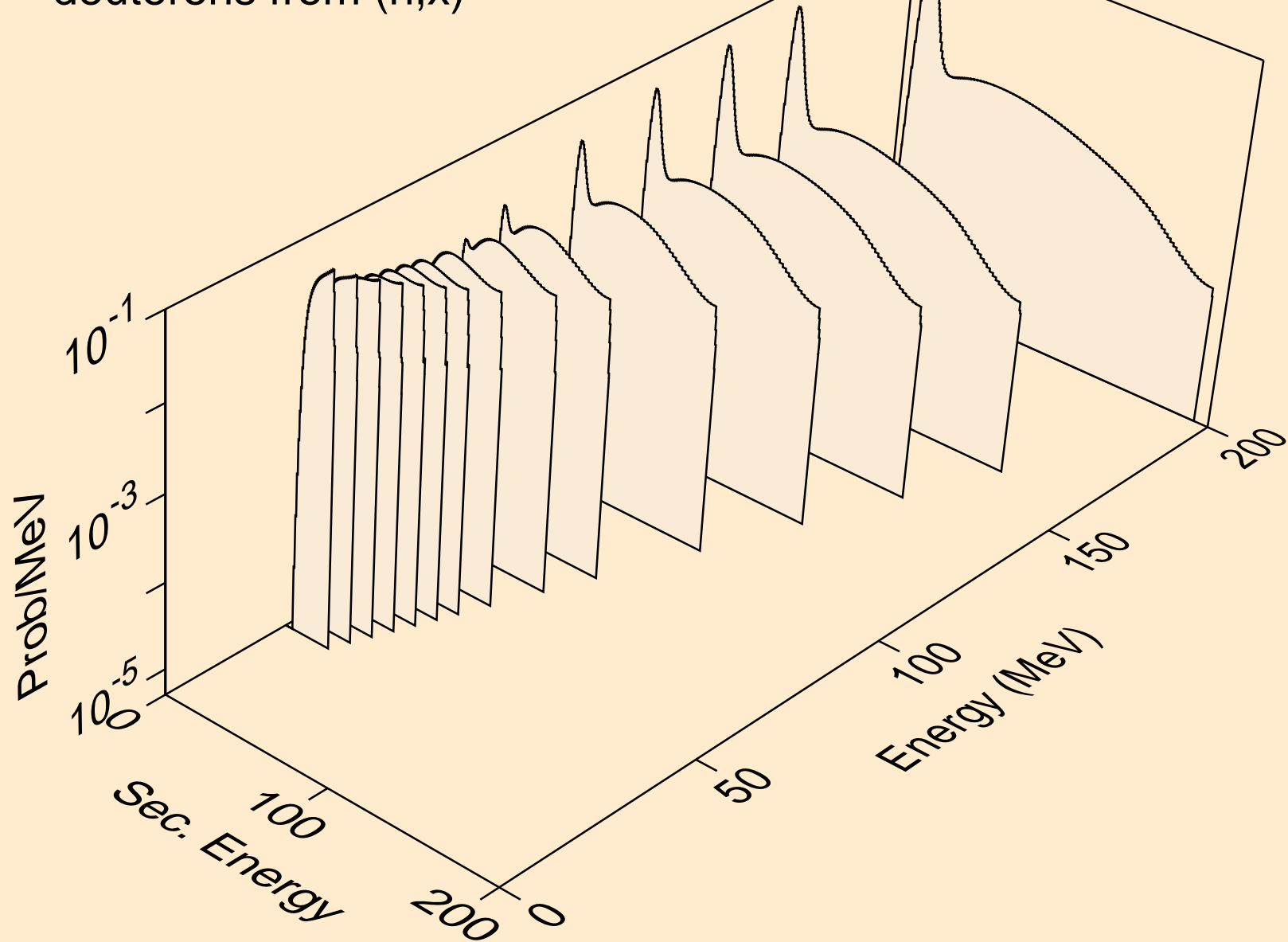
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



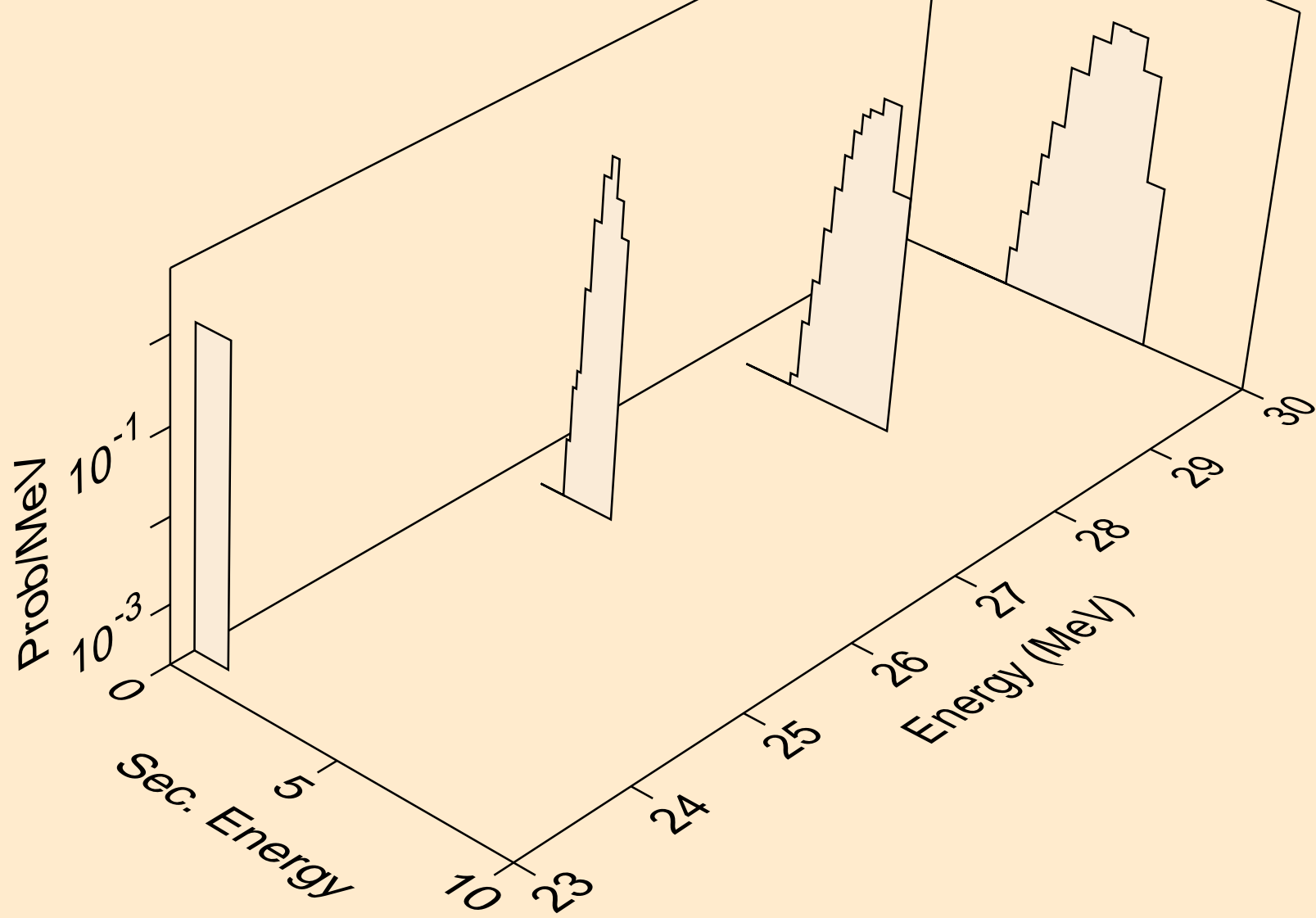
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

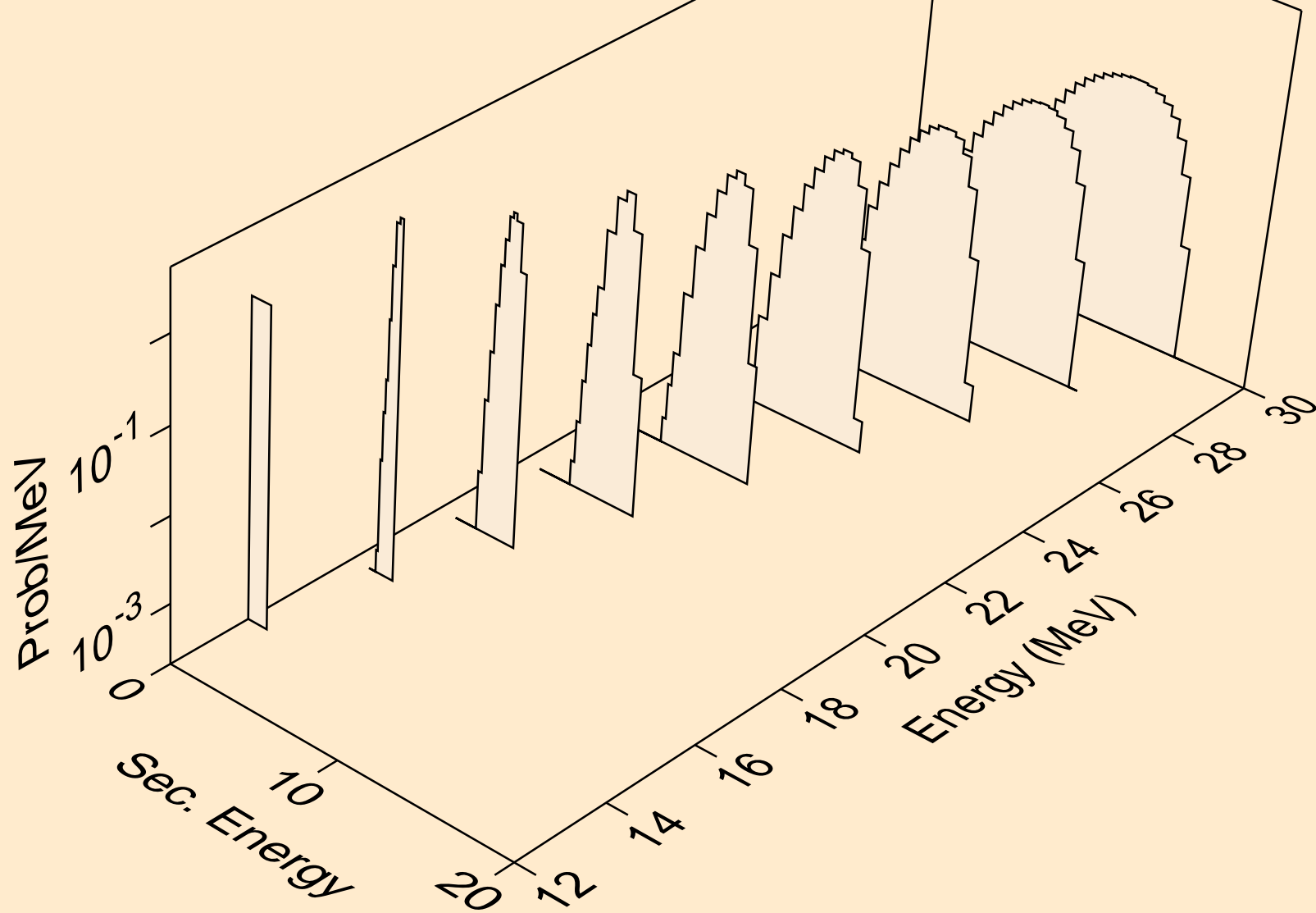


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

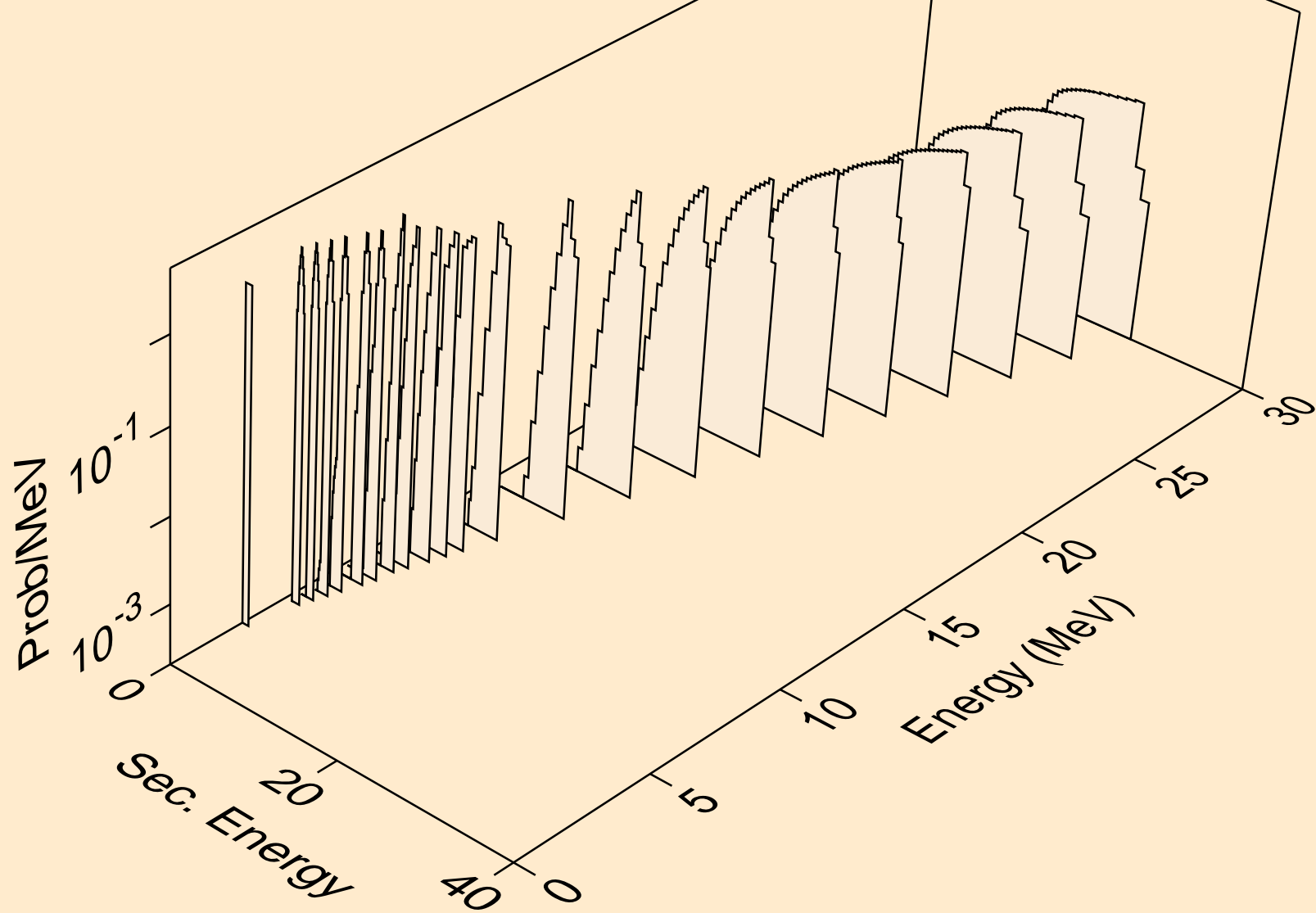




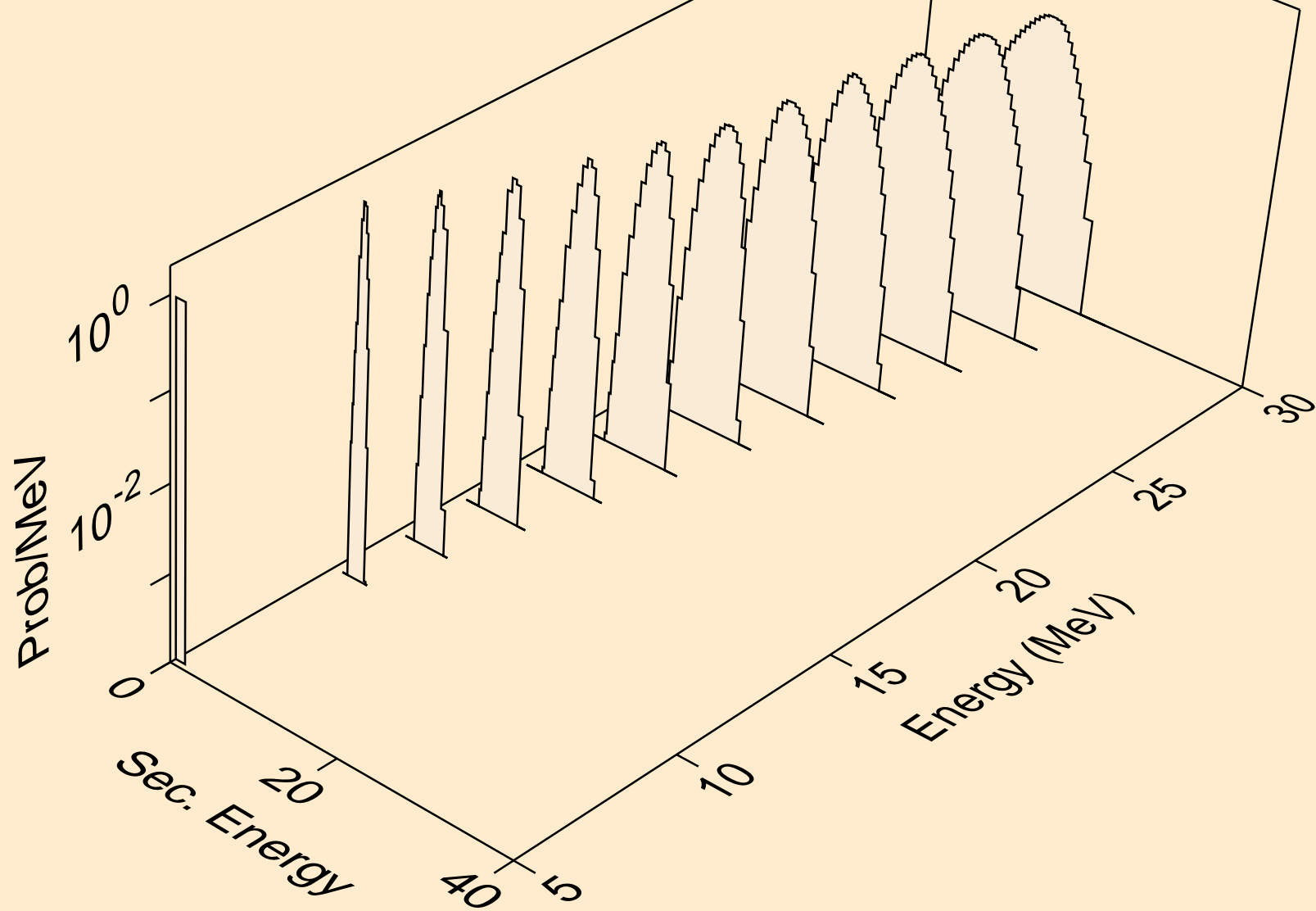
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



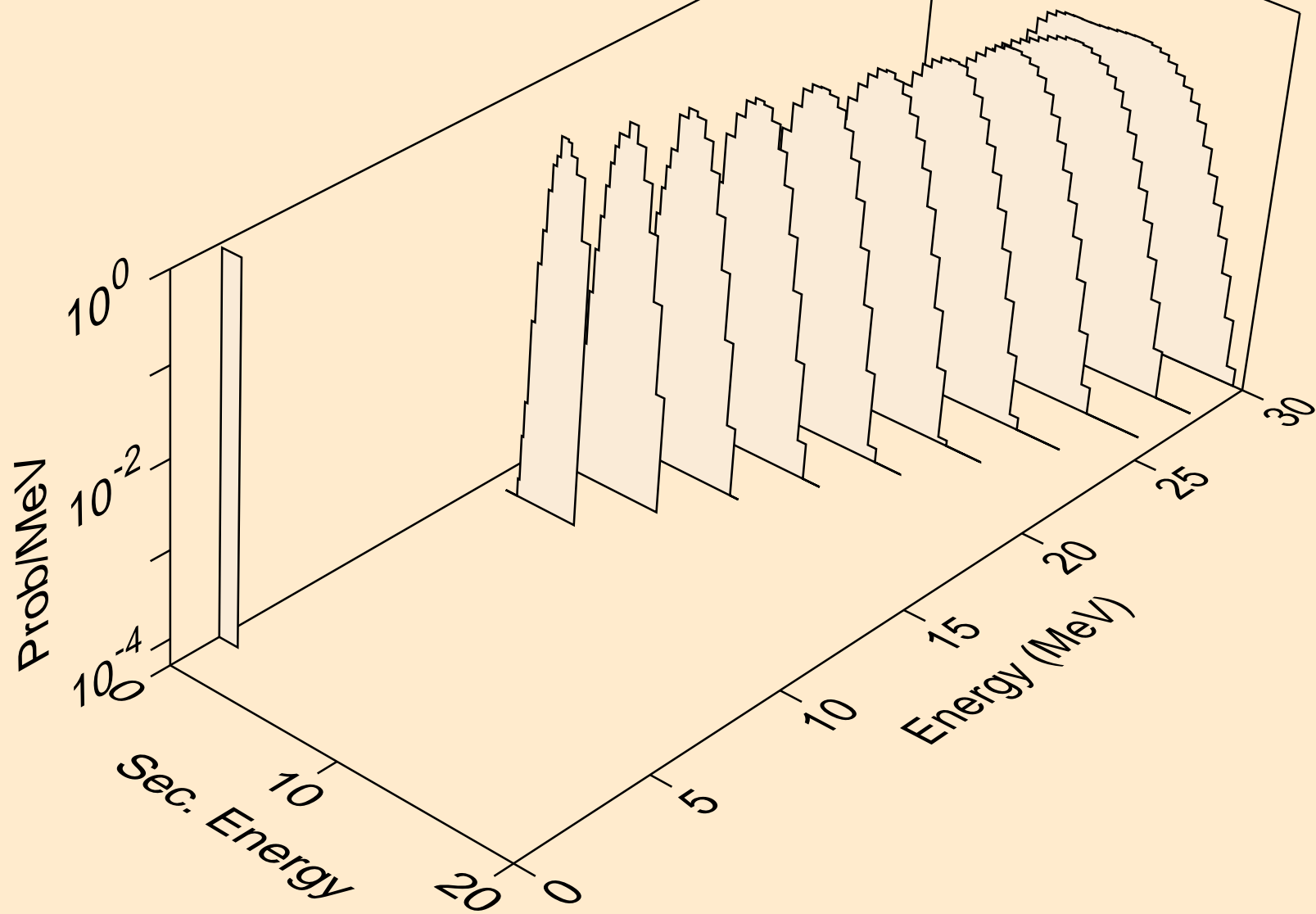
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deuterons from (n,d)



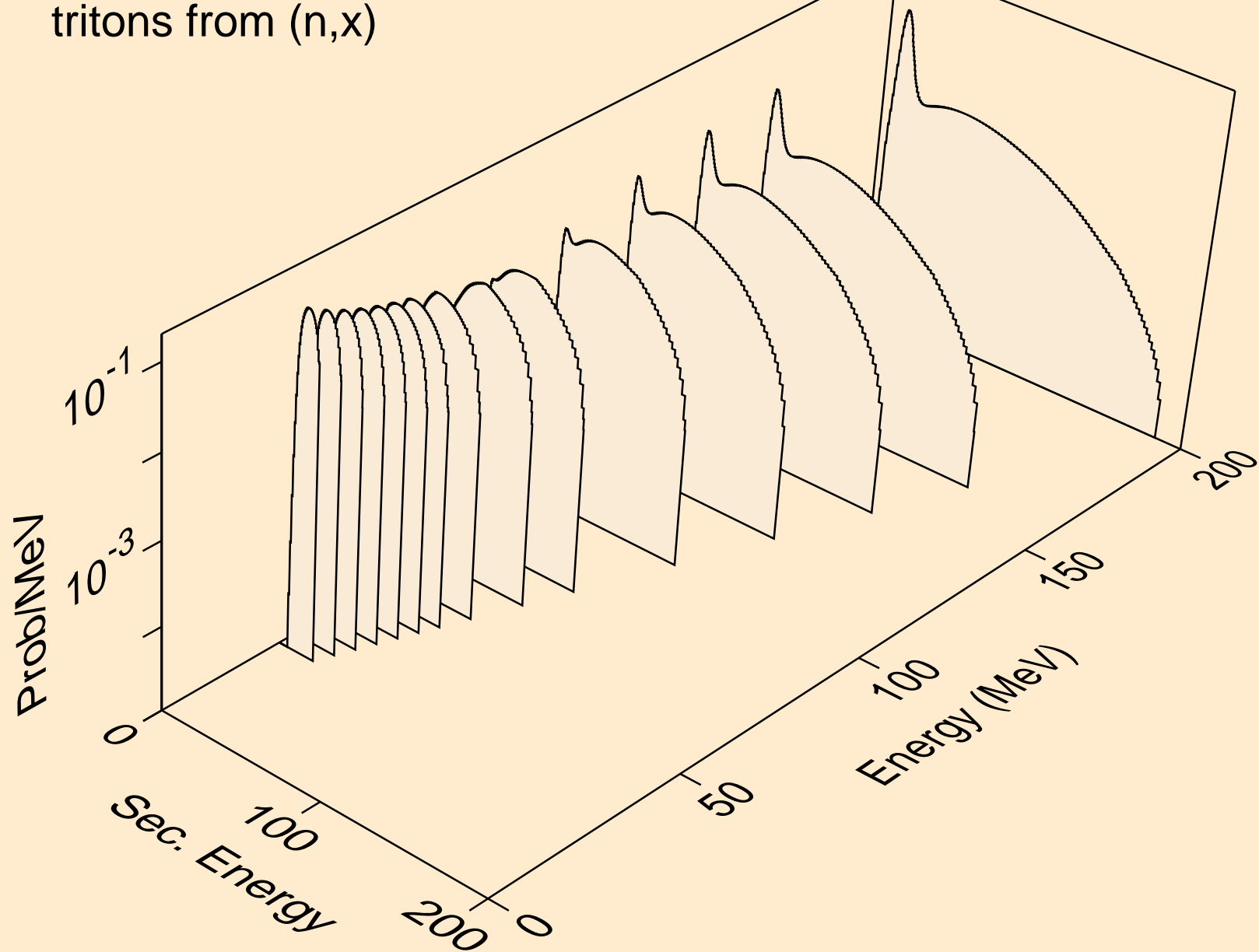
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



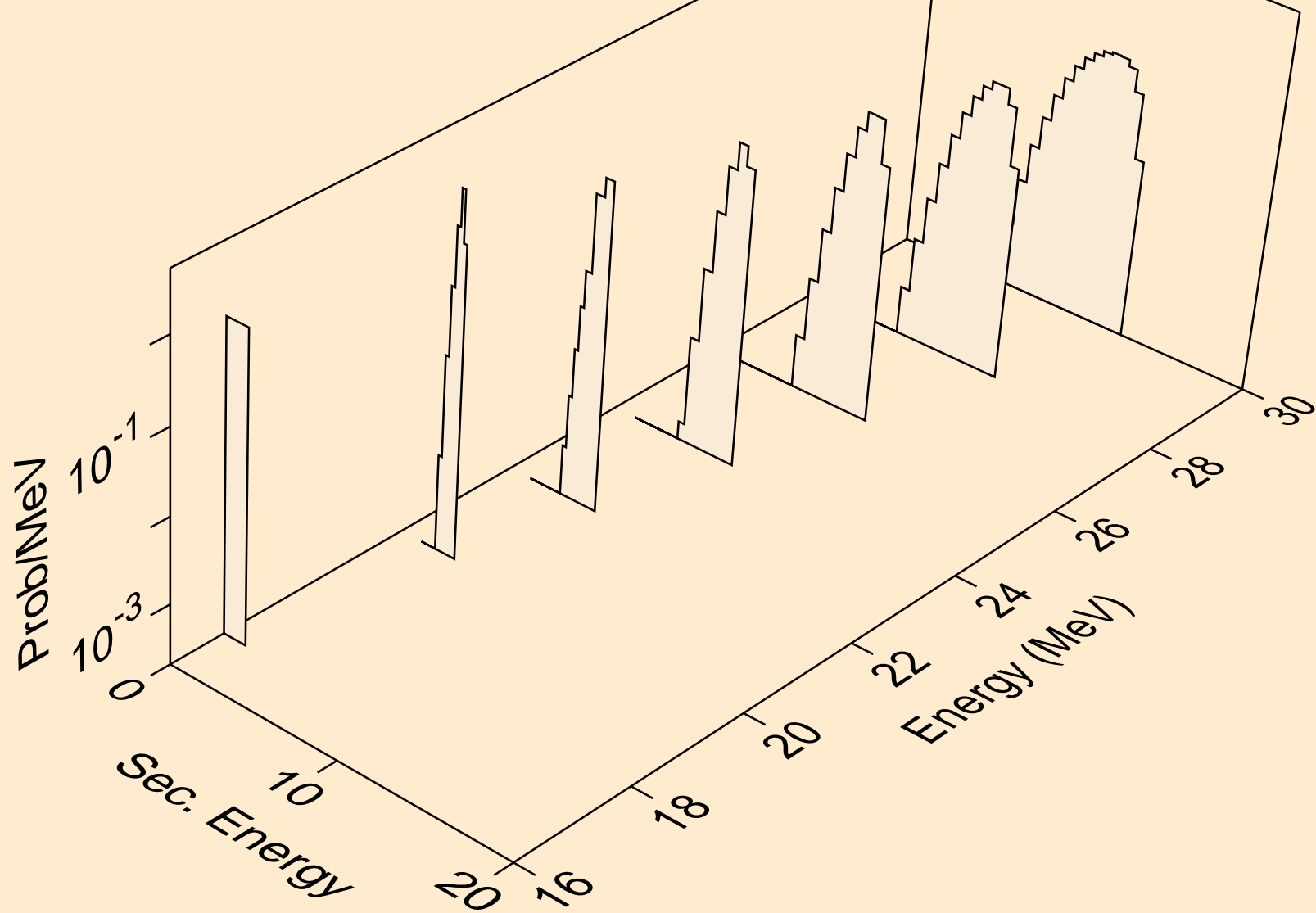
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



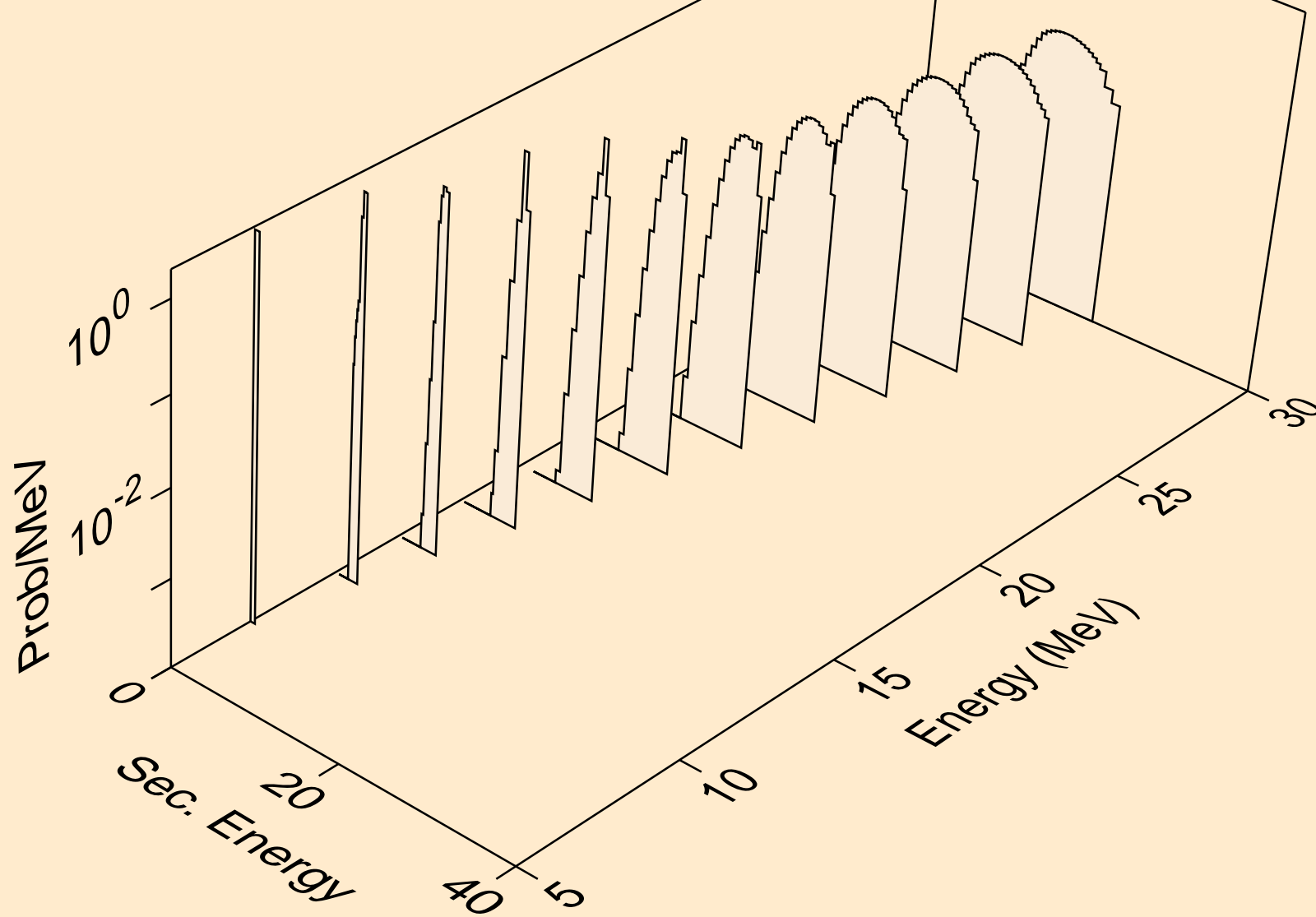
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



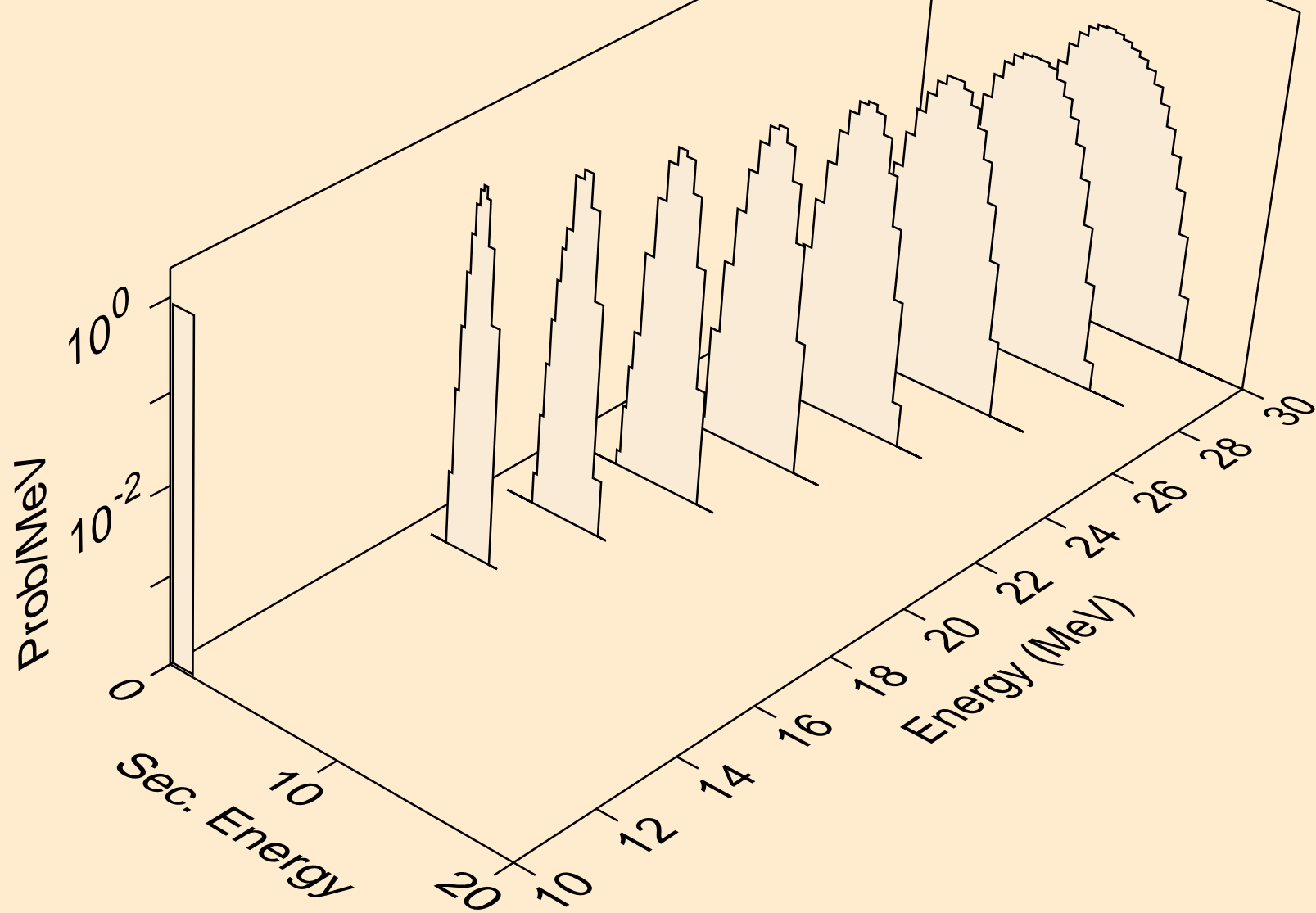
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

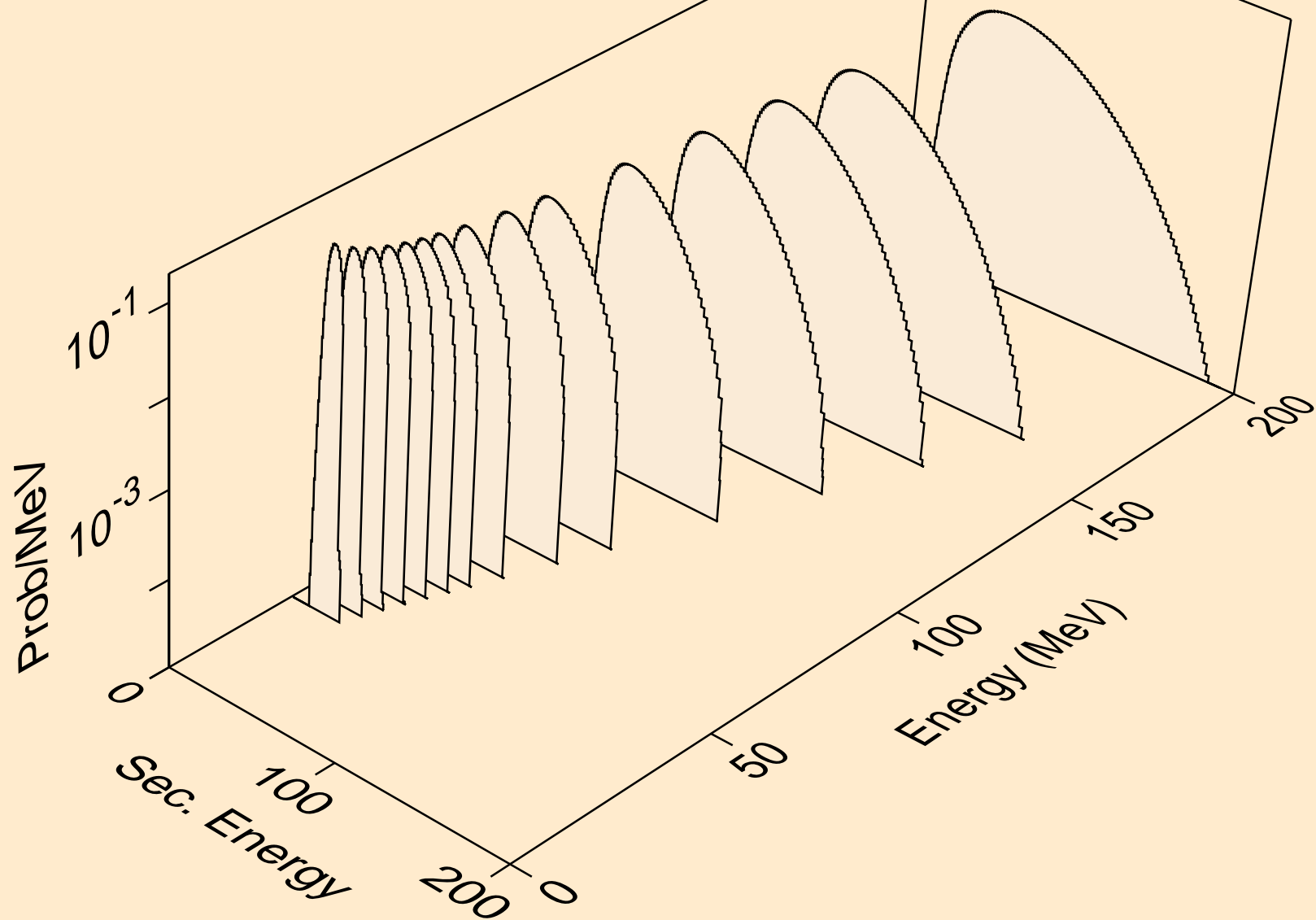


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

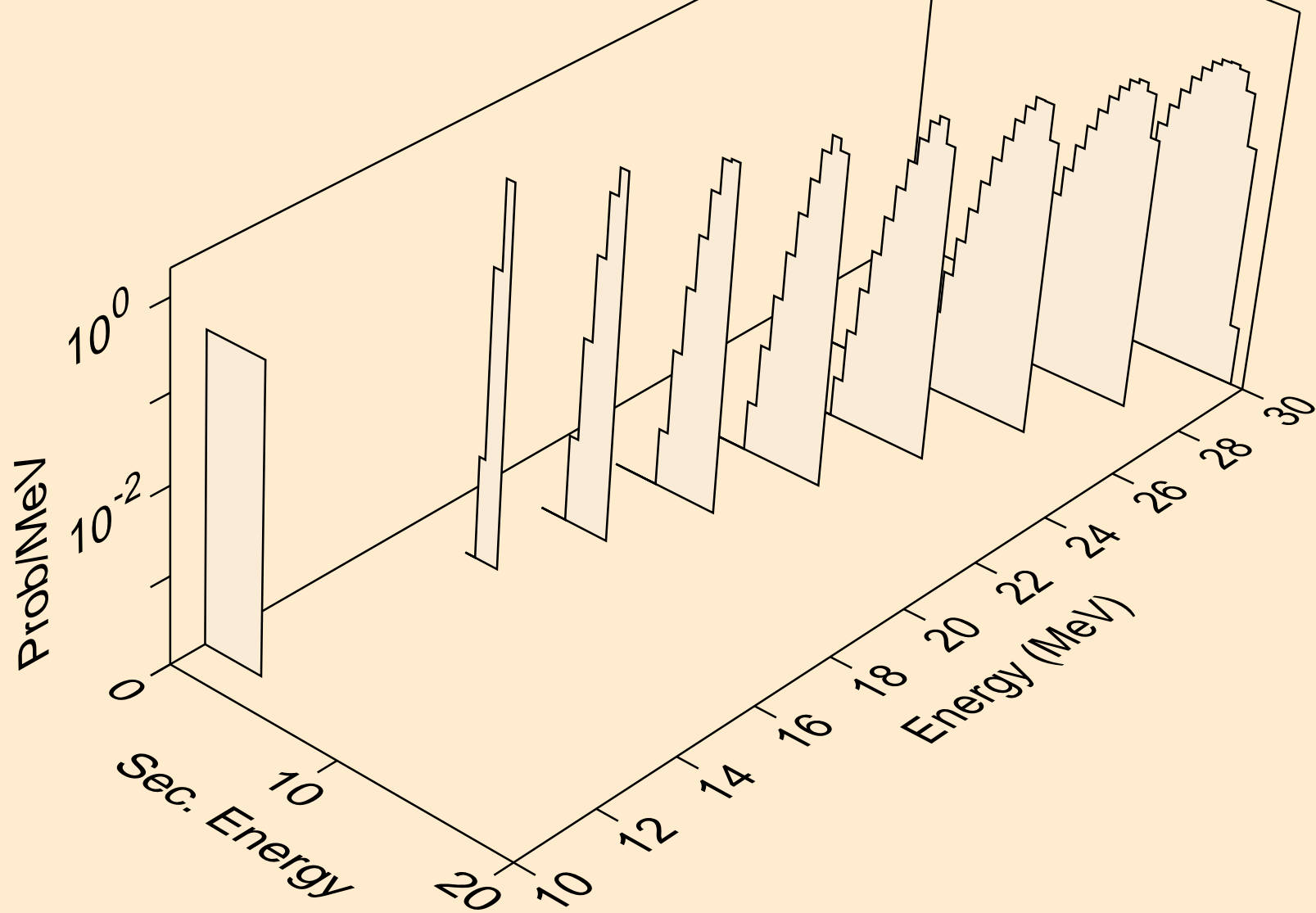




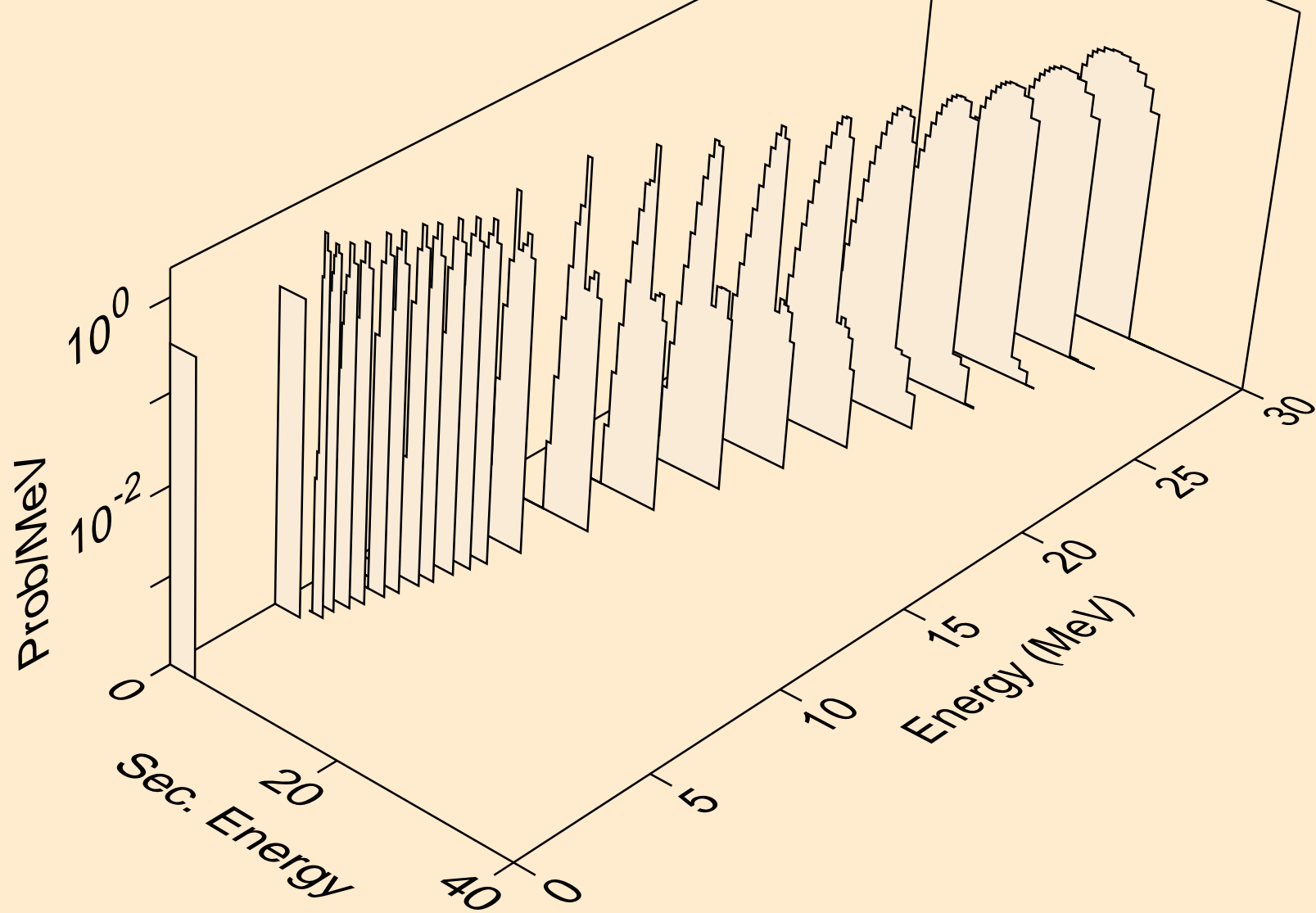
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



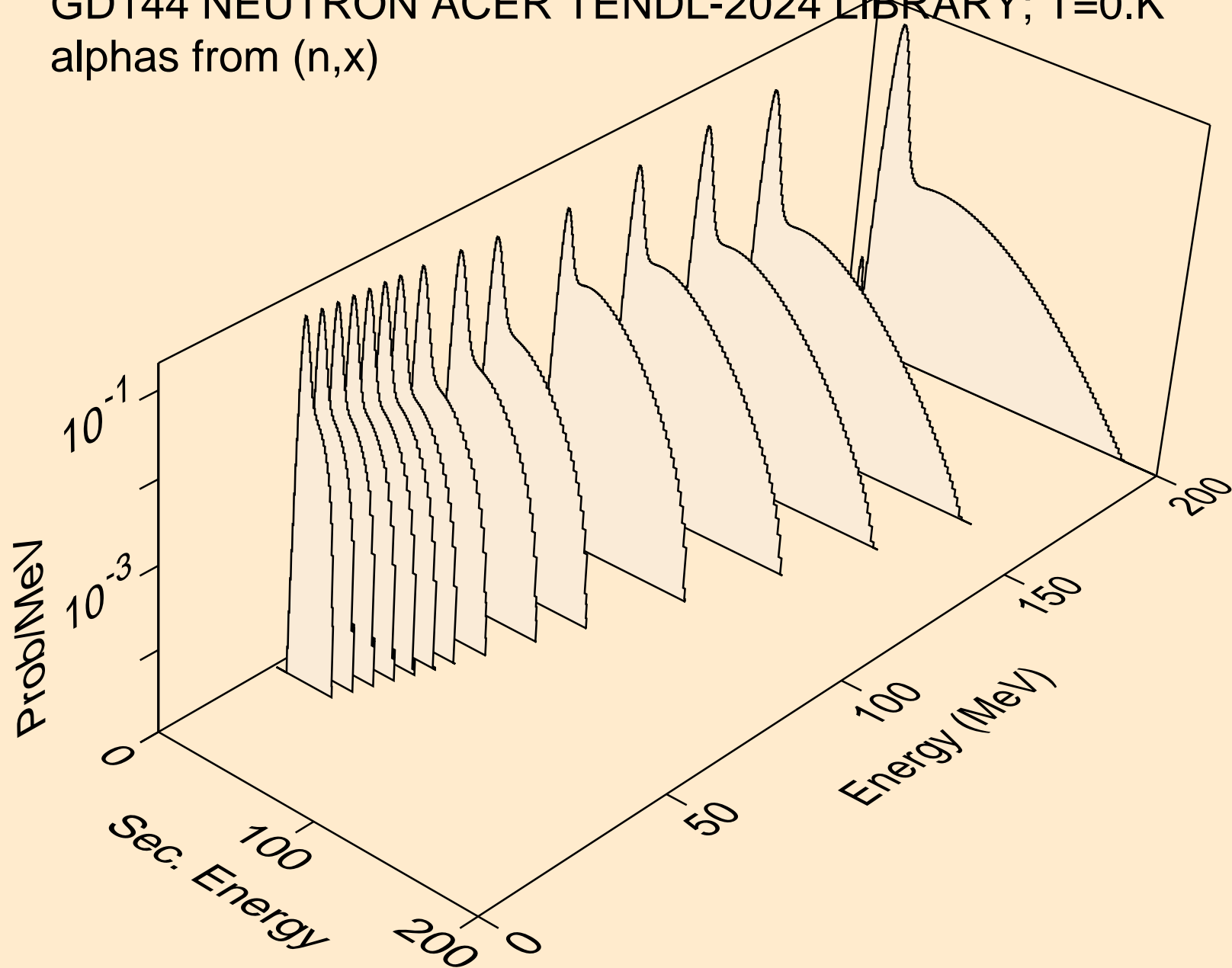
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



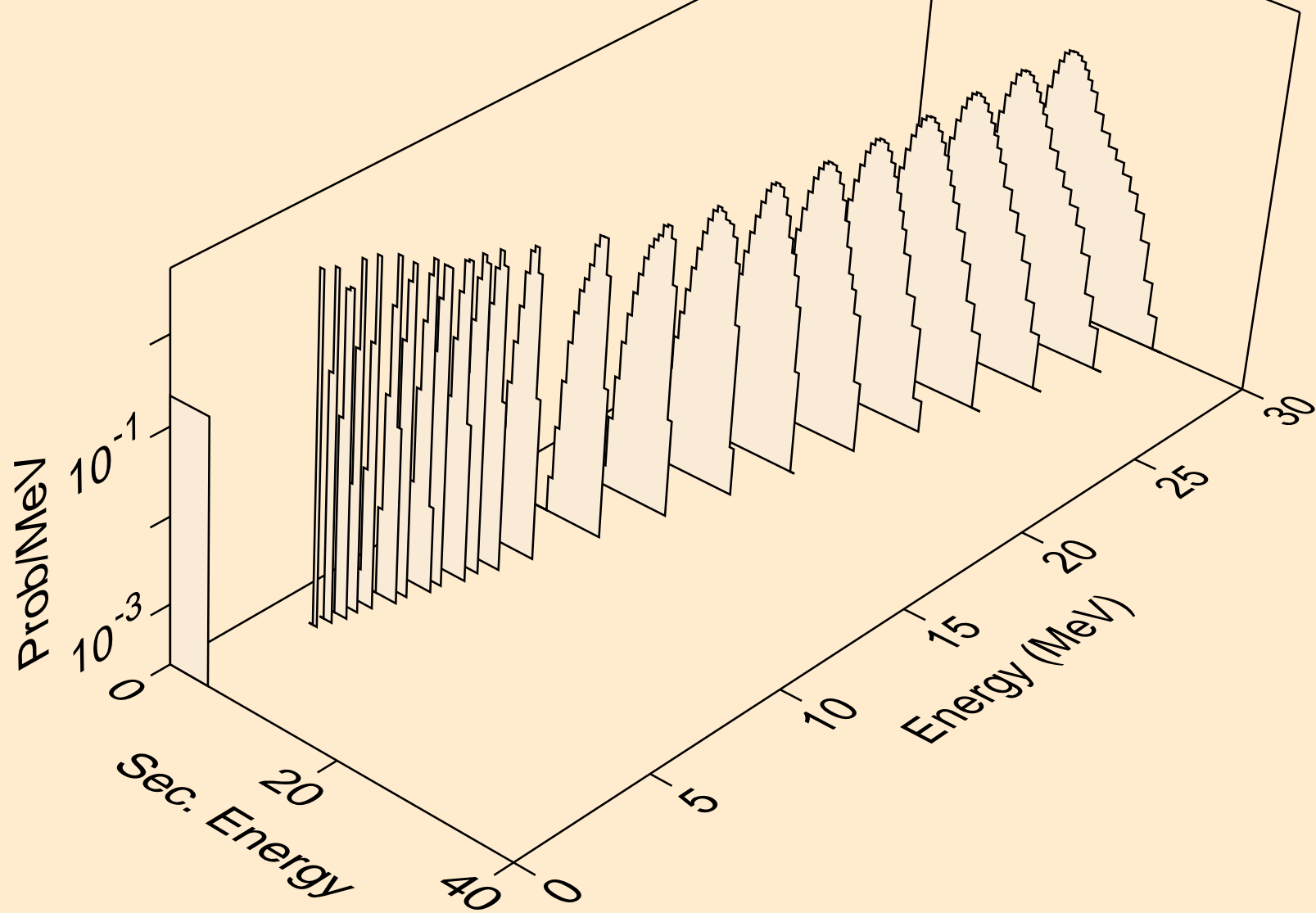
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



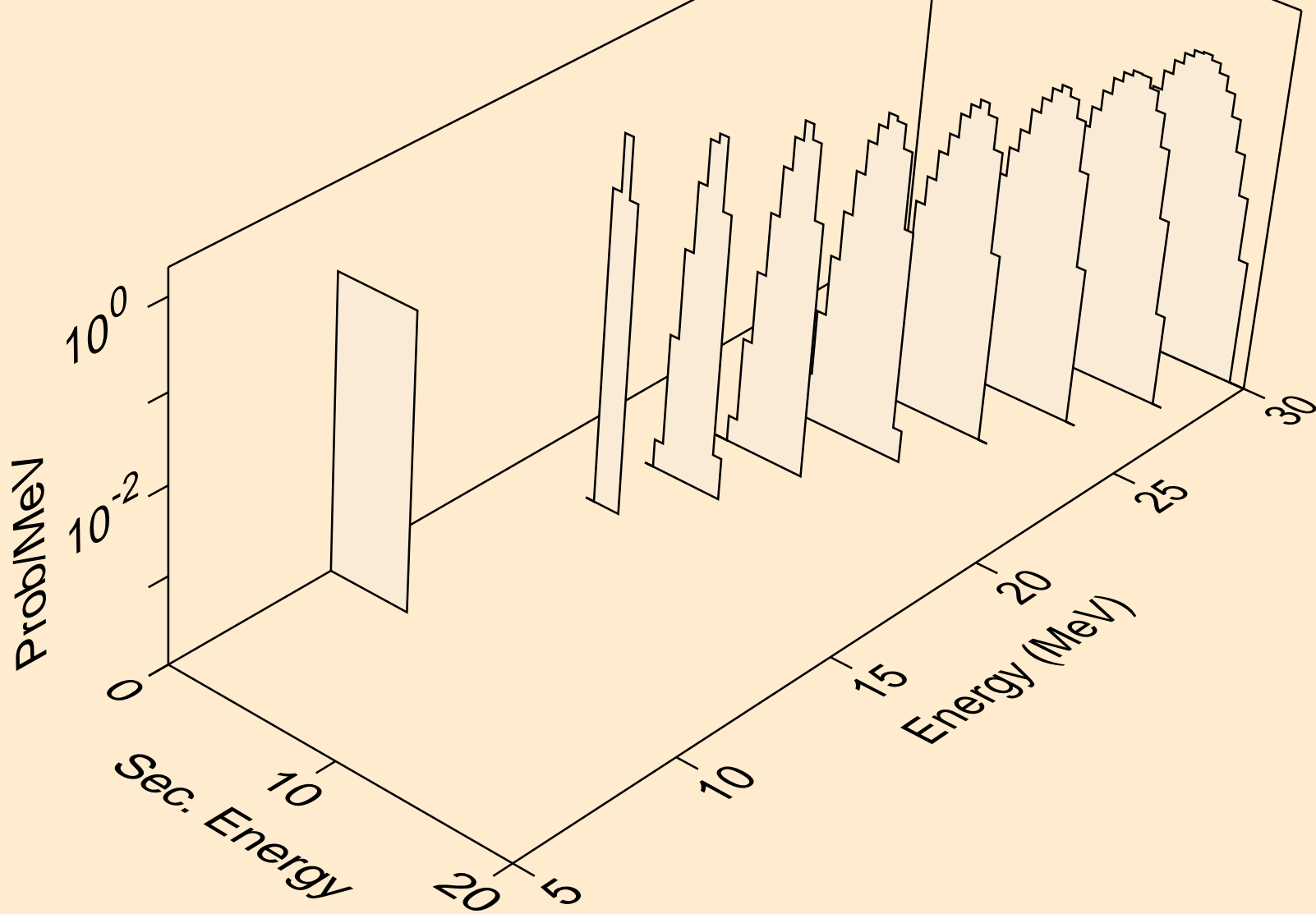
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



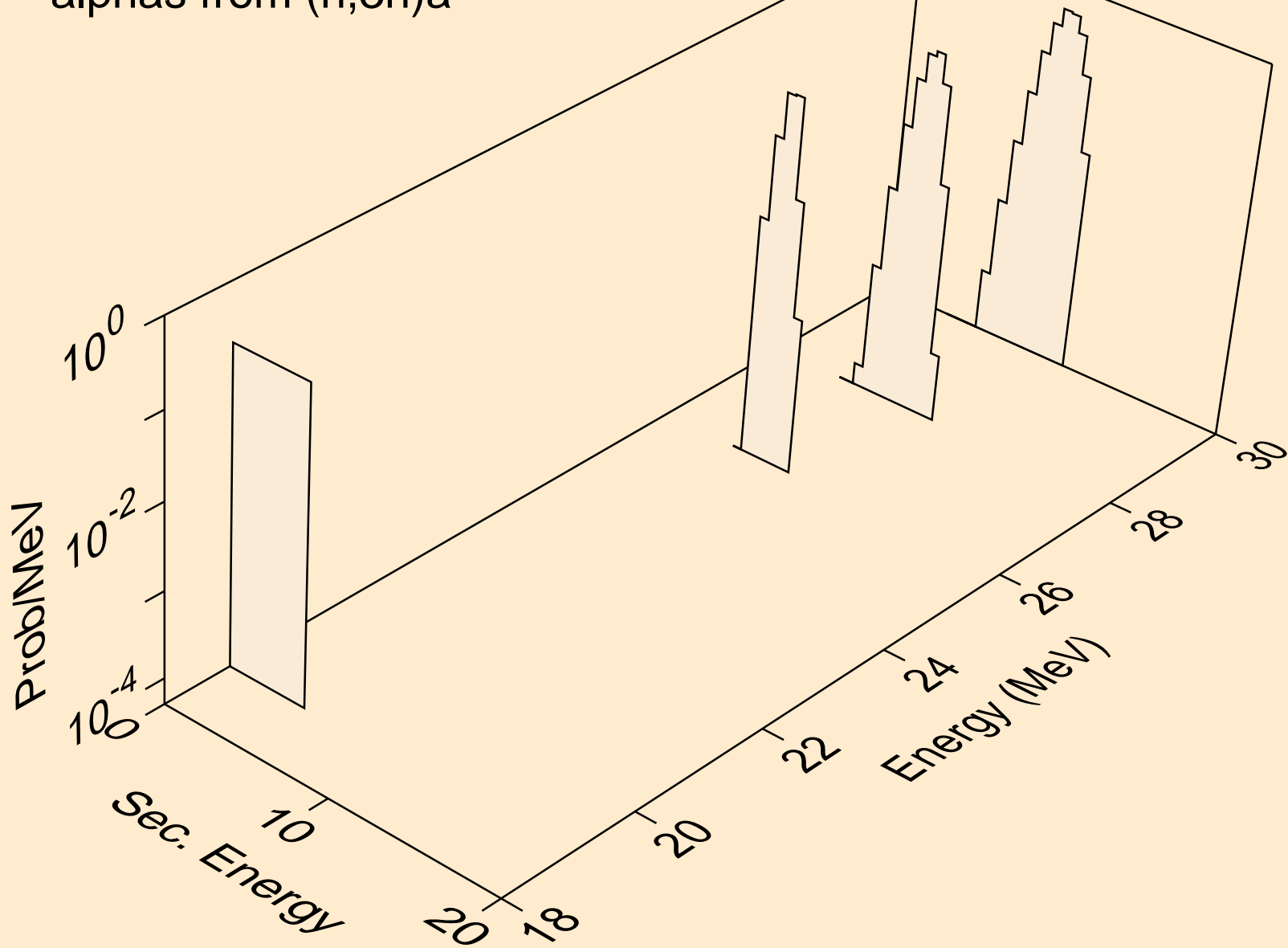
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



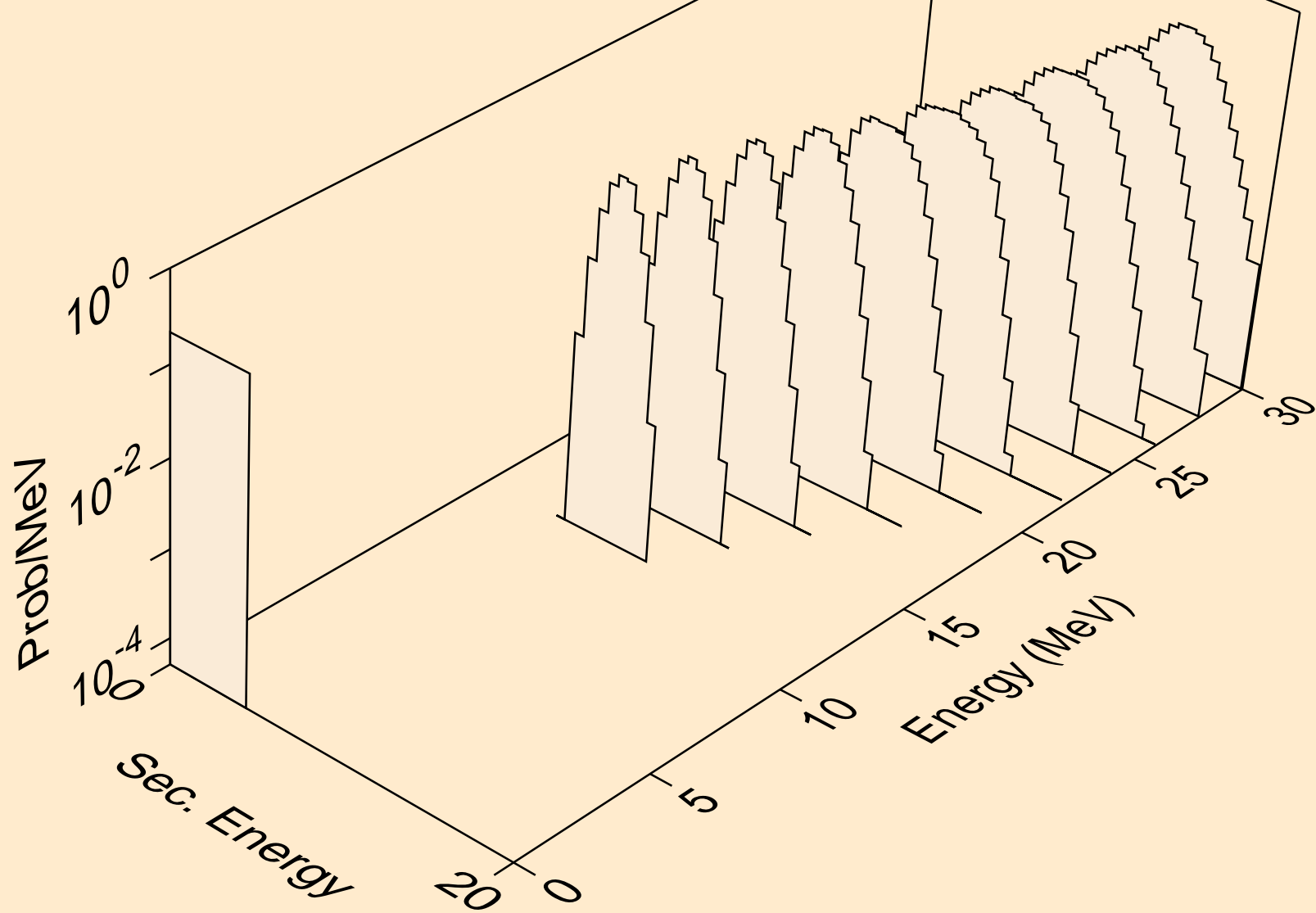
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

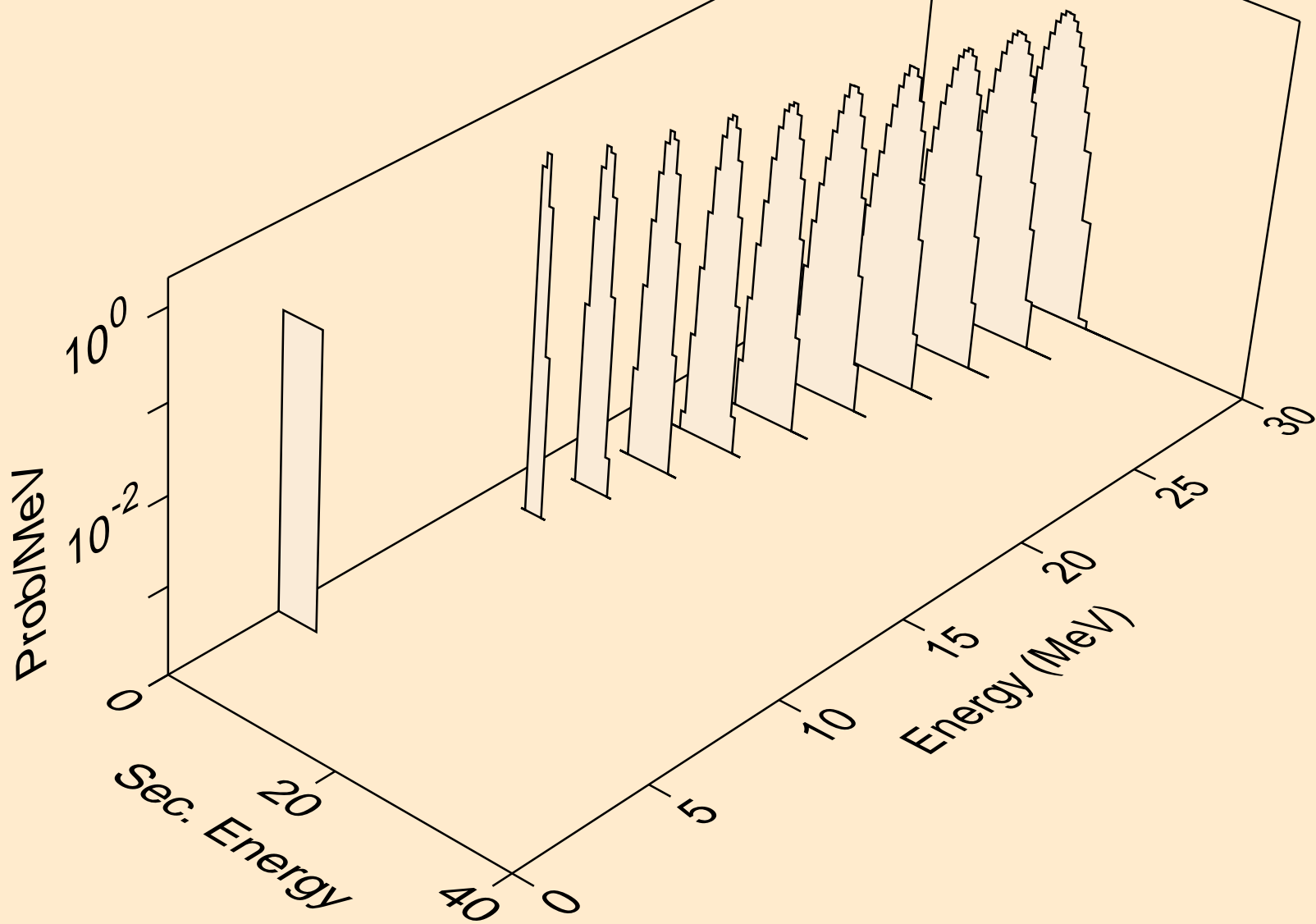


GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

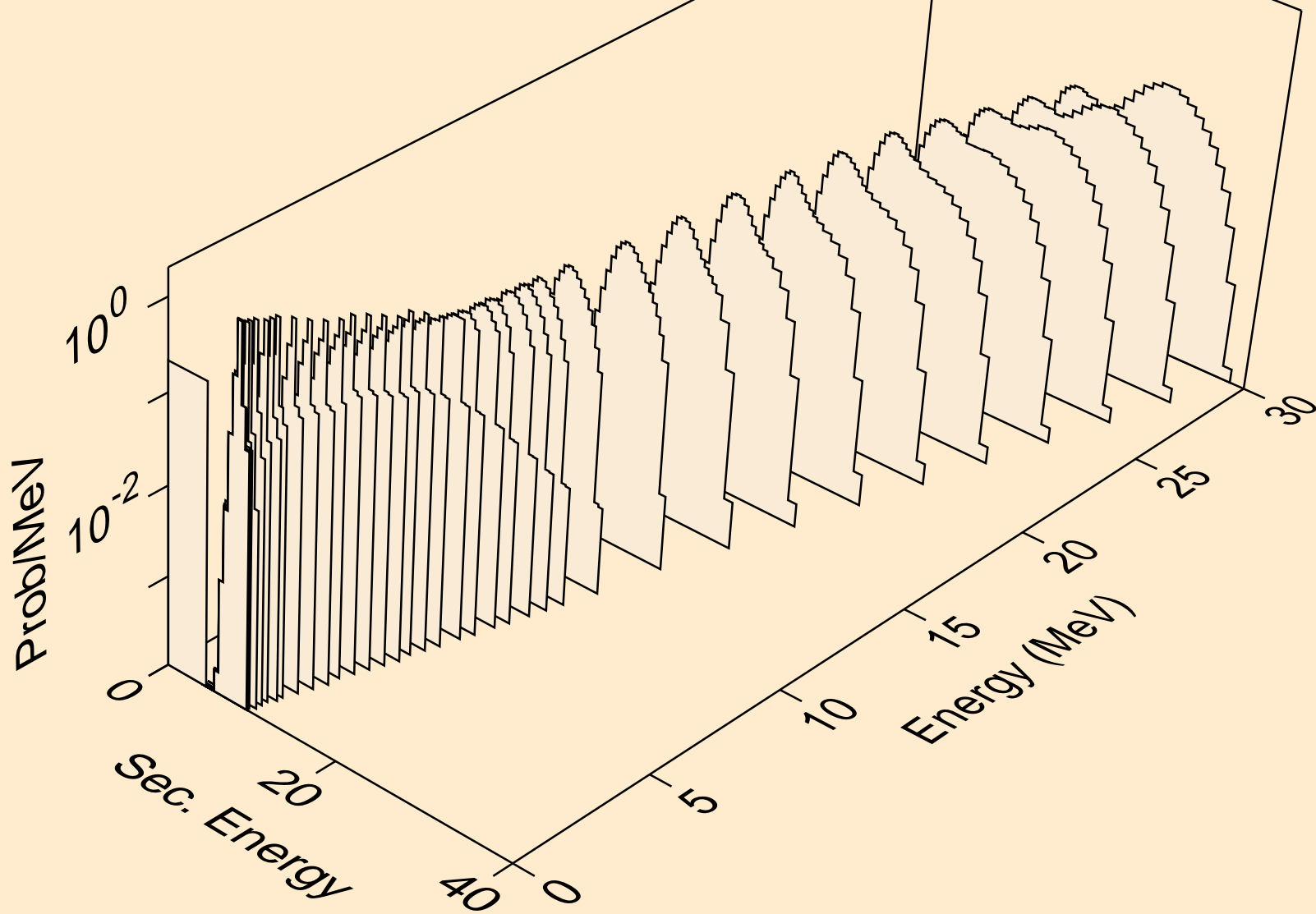




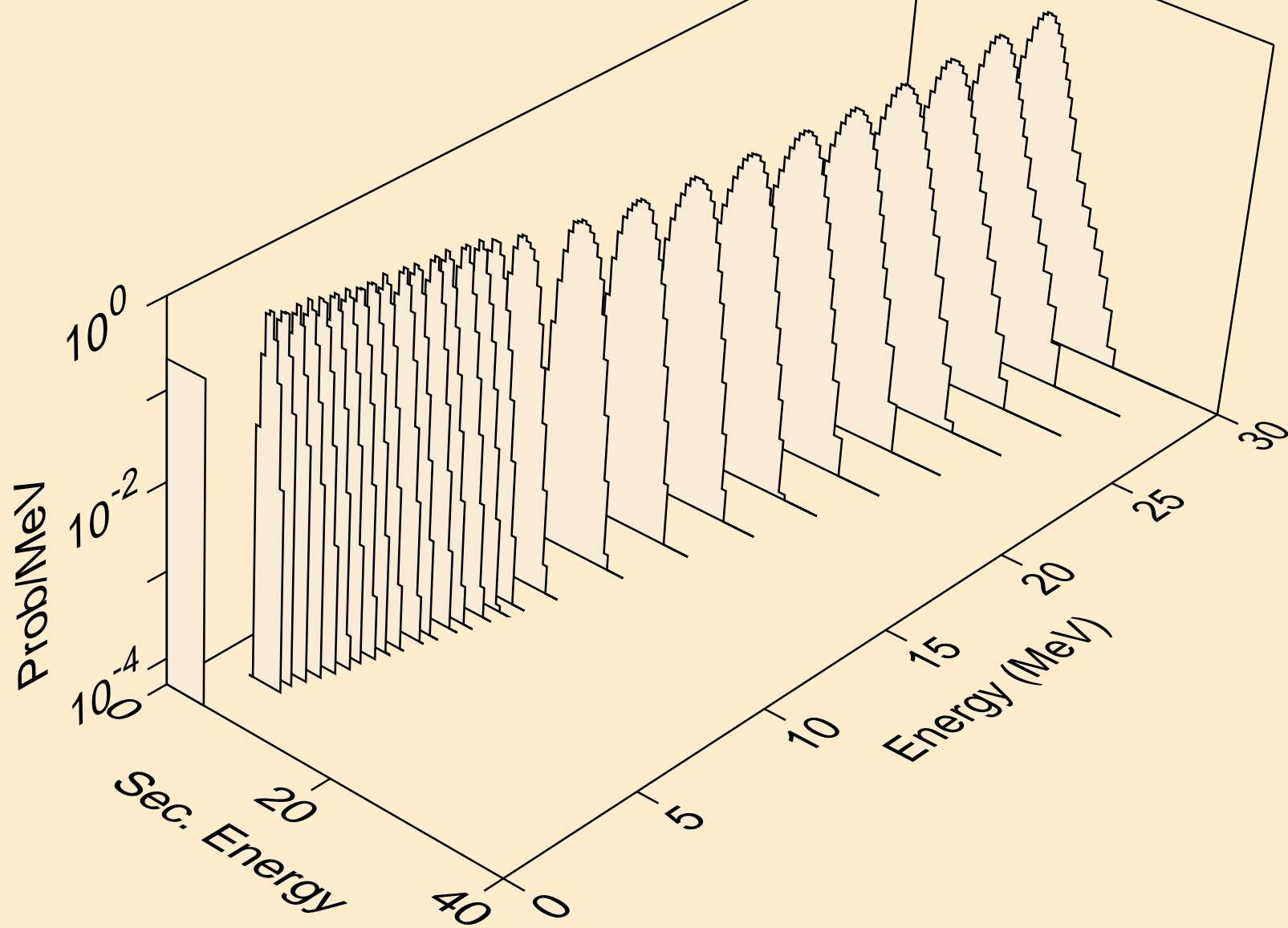
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



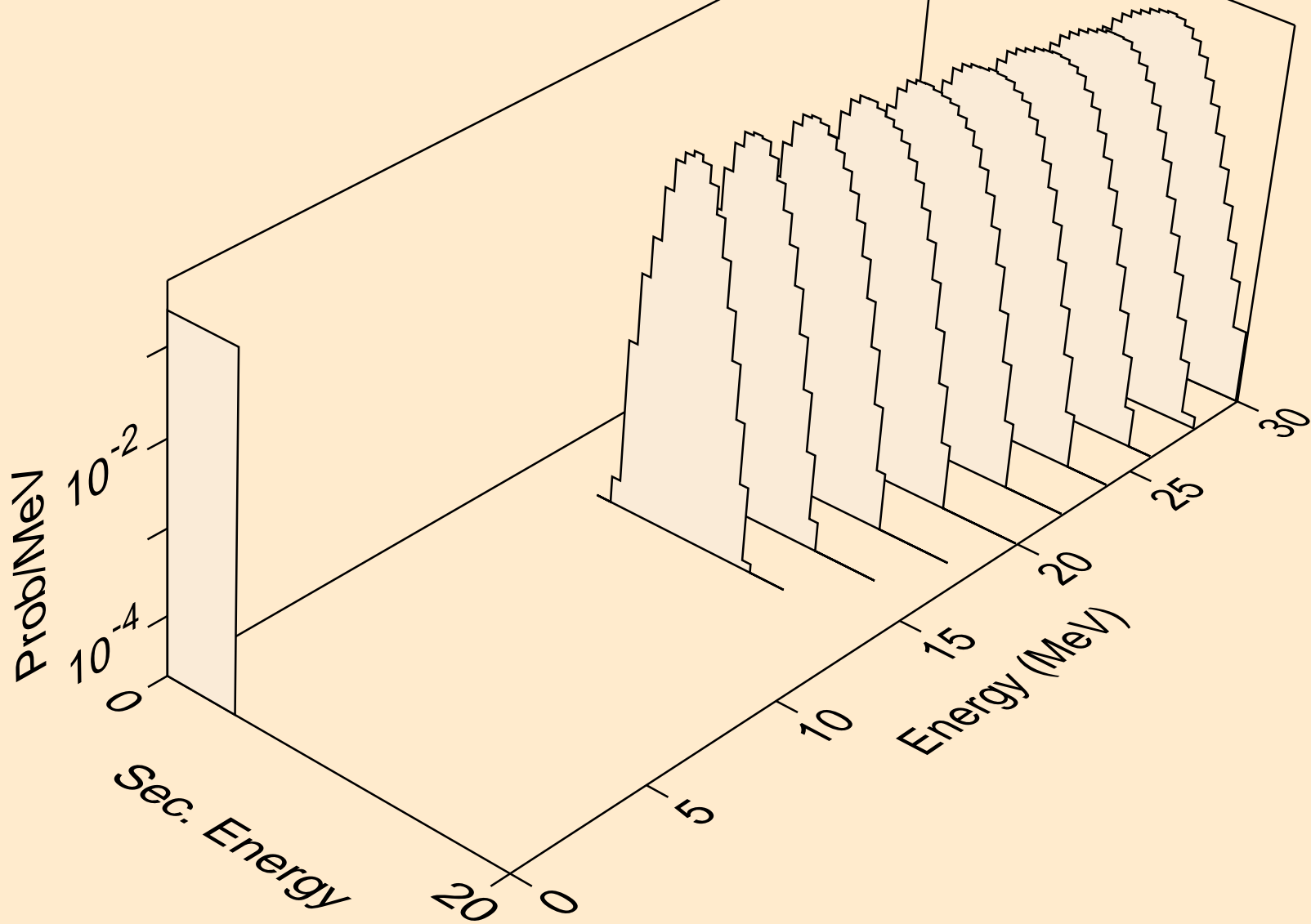
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



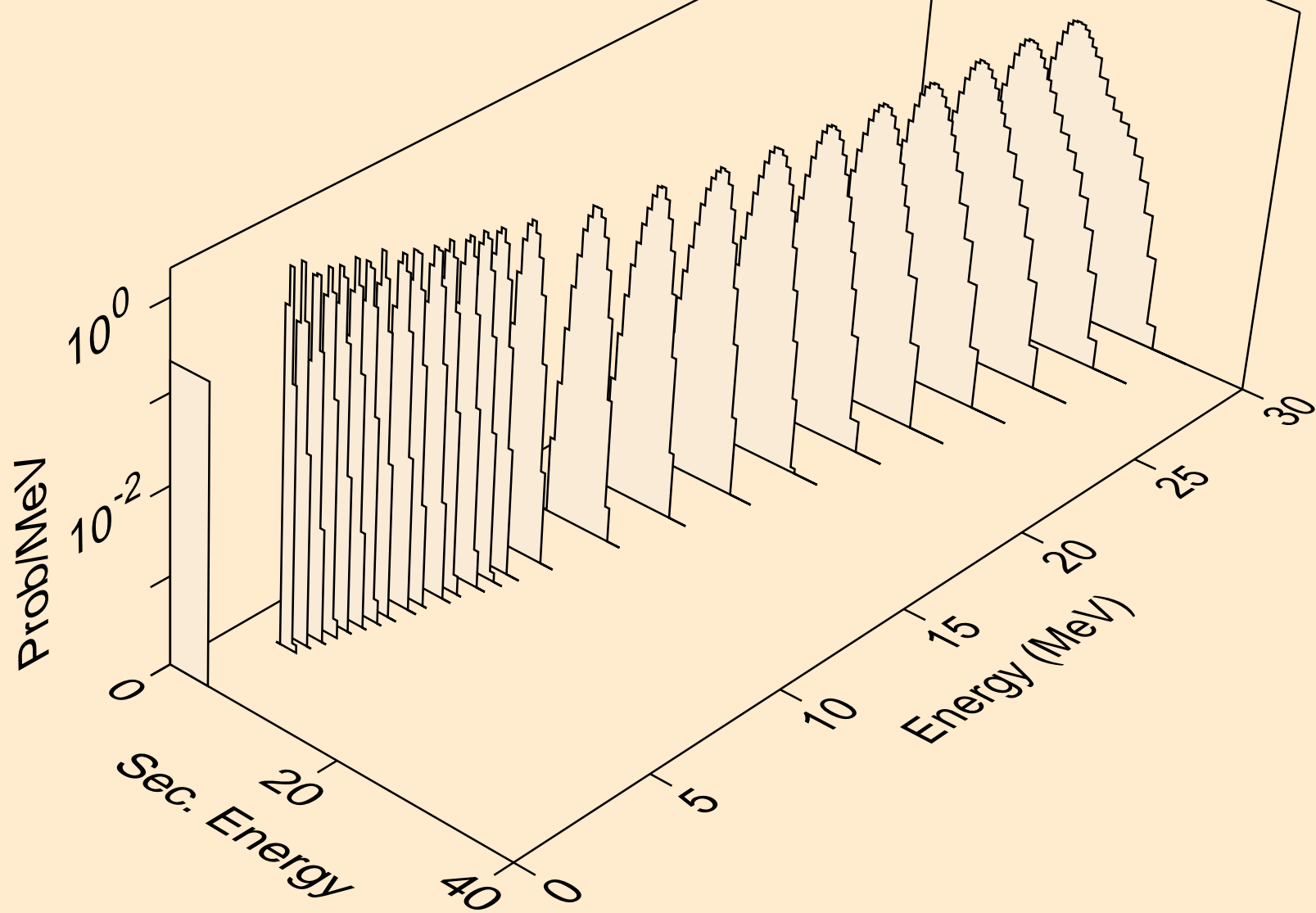
GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



GD144 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

