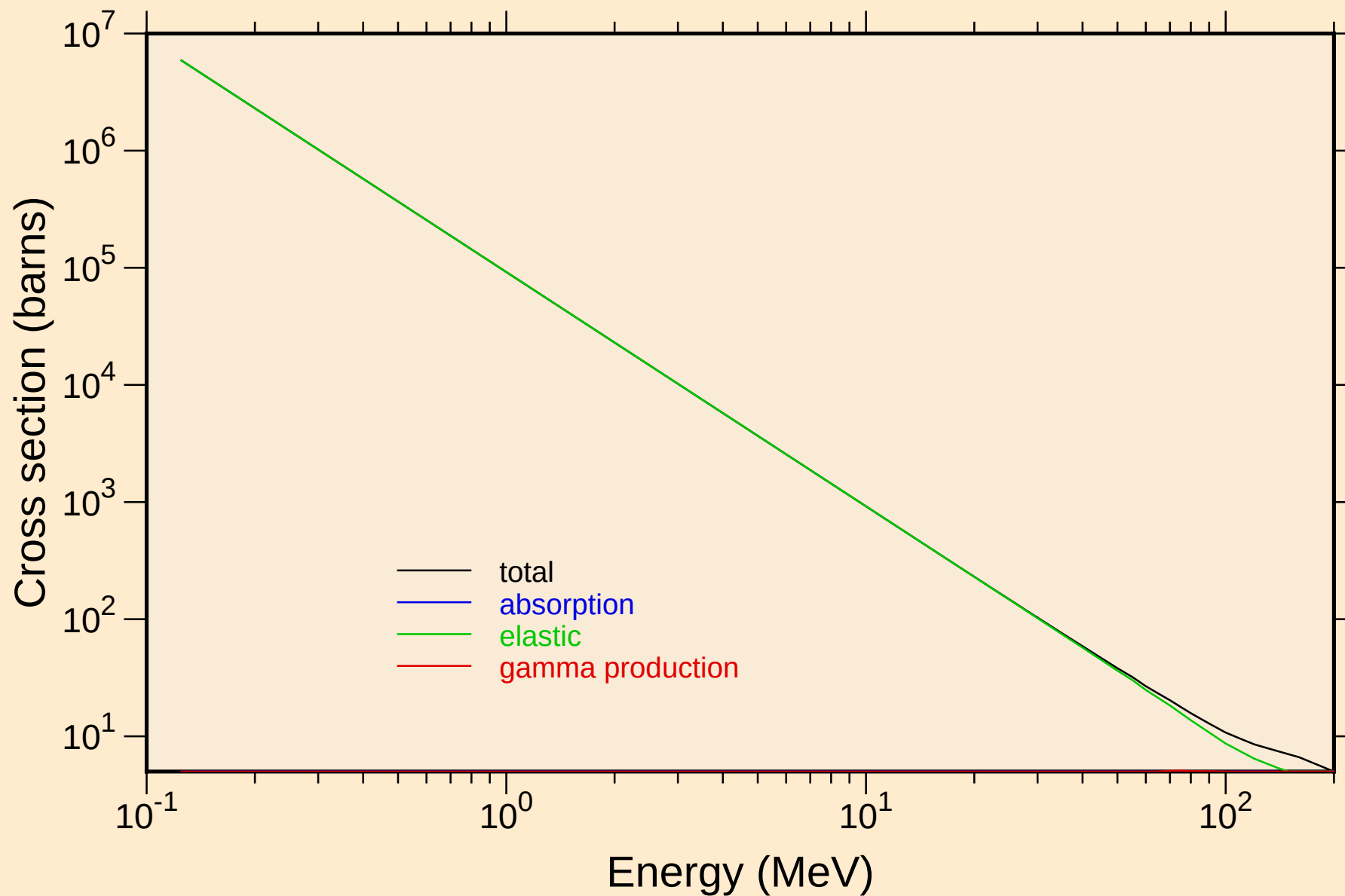


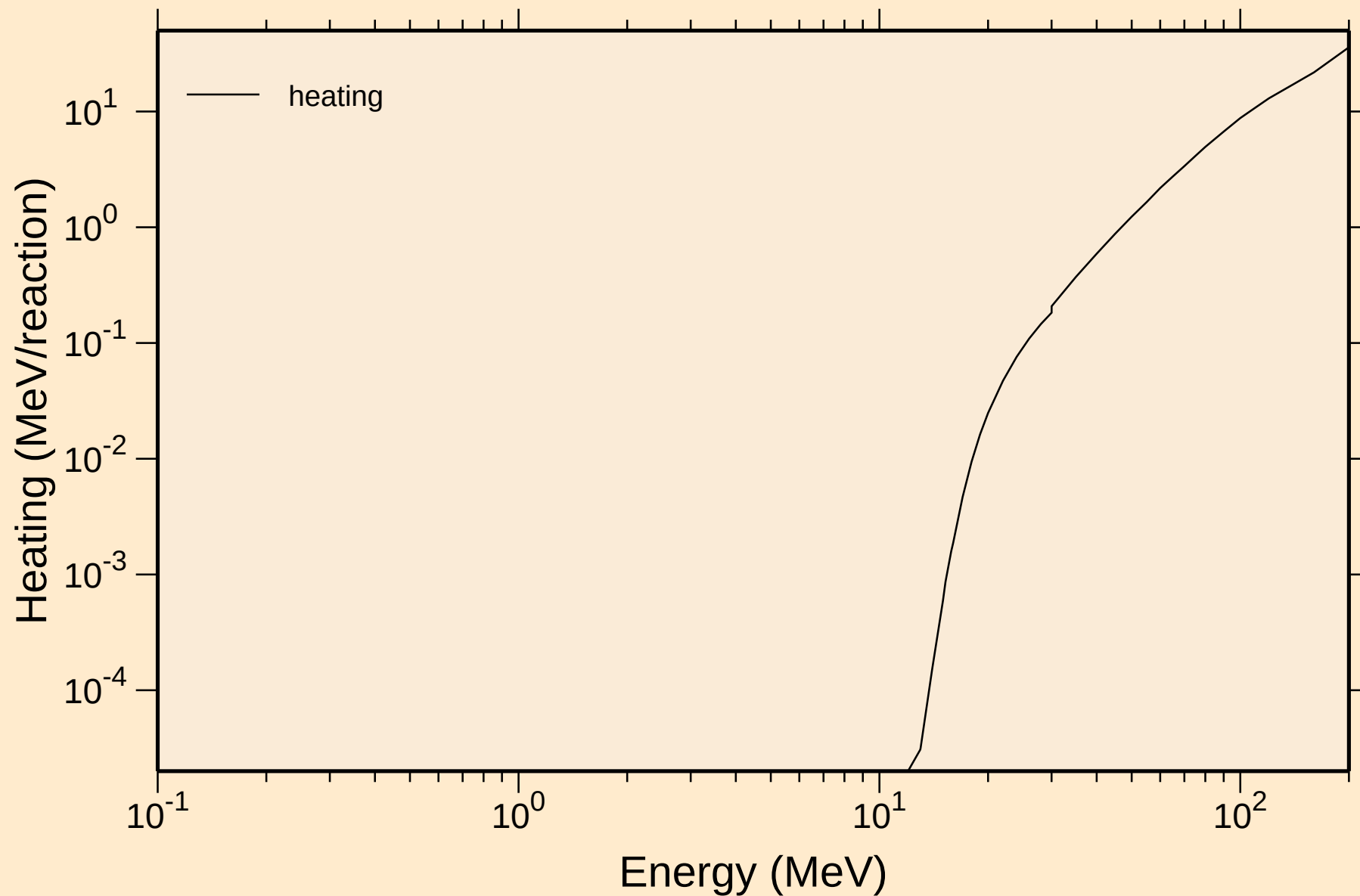
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



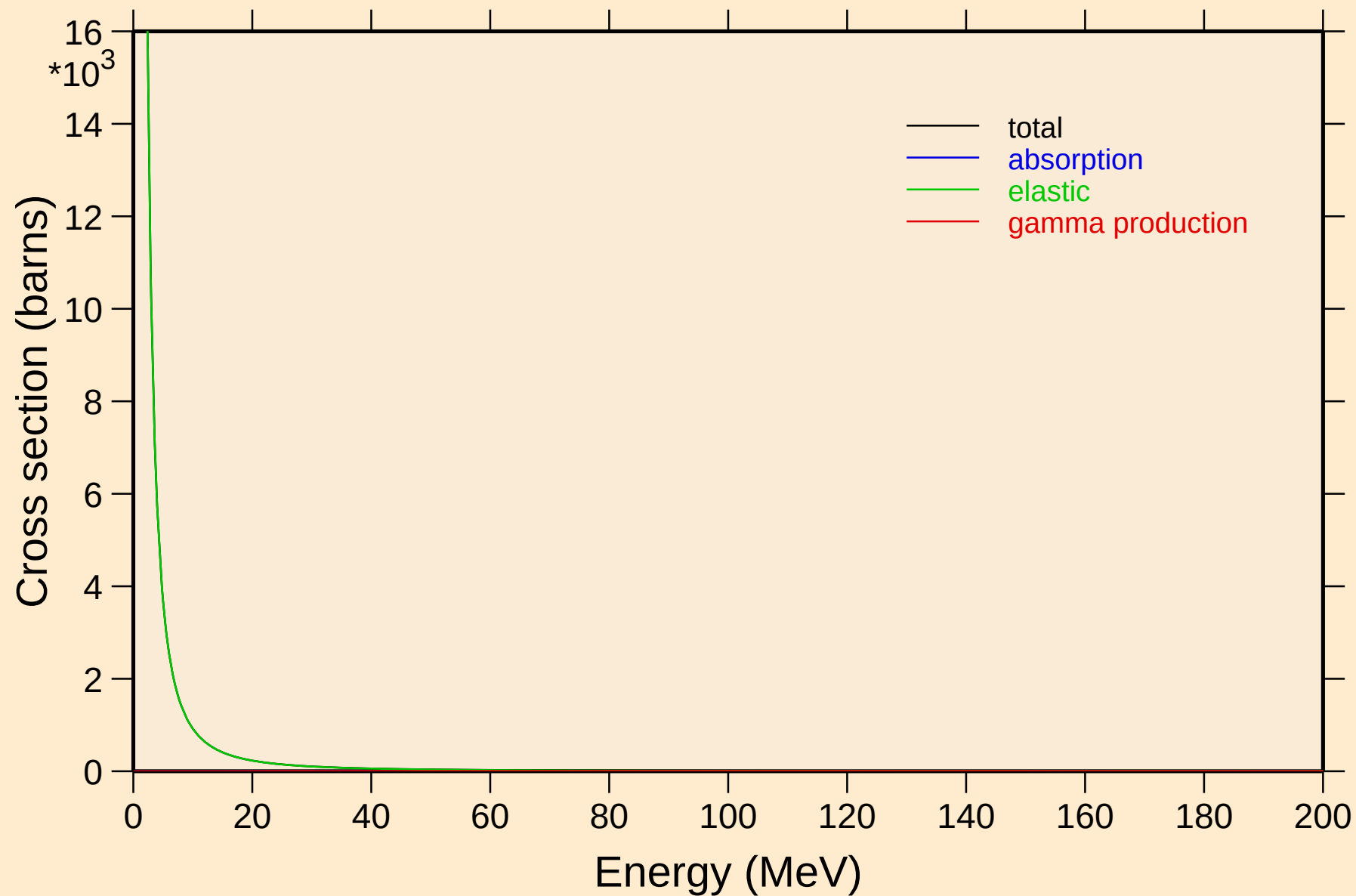
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



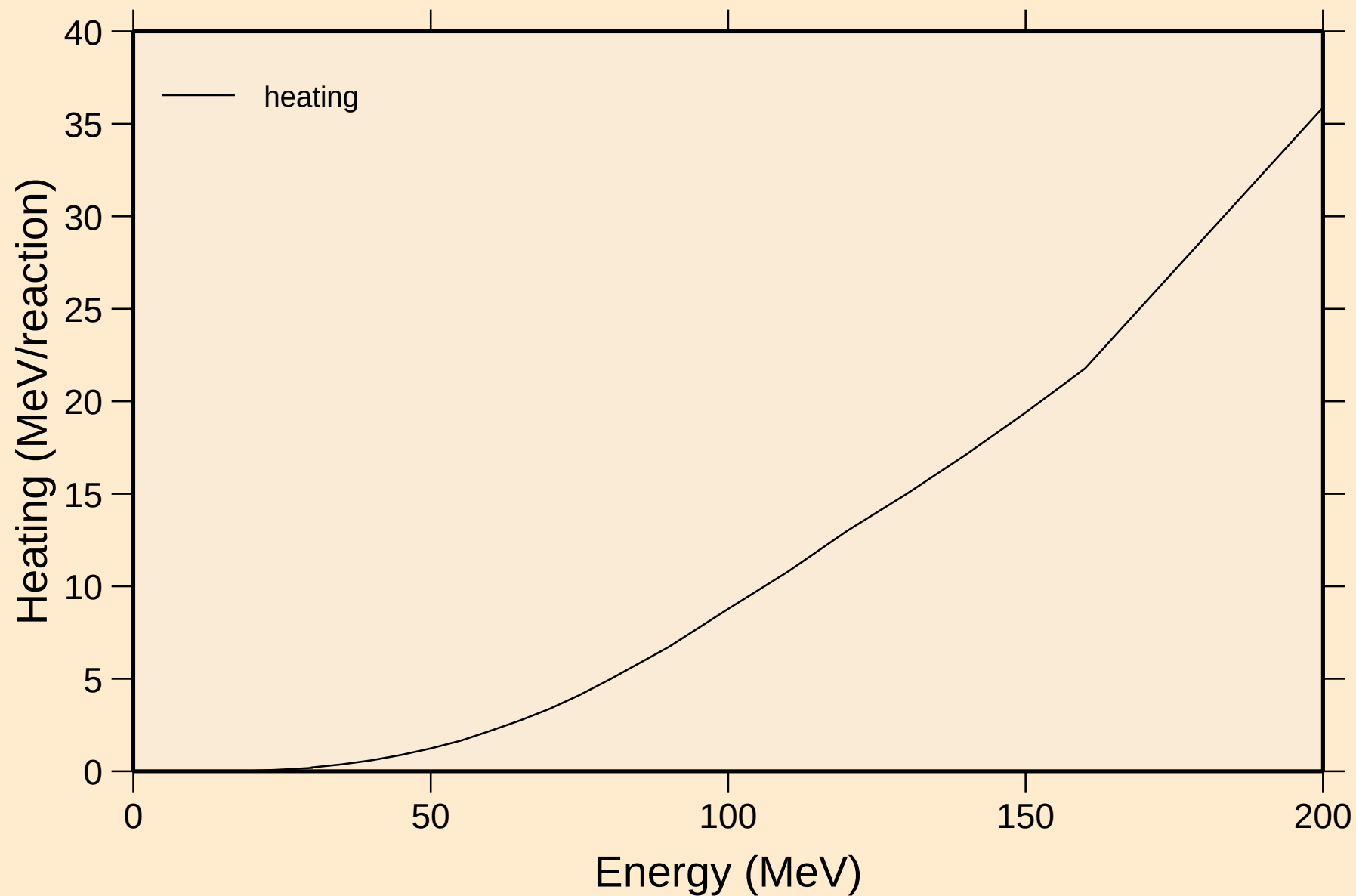
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



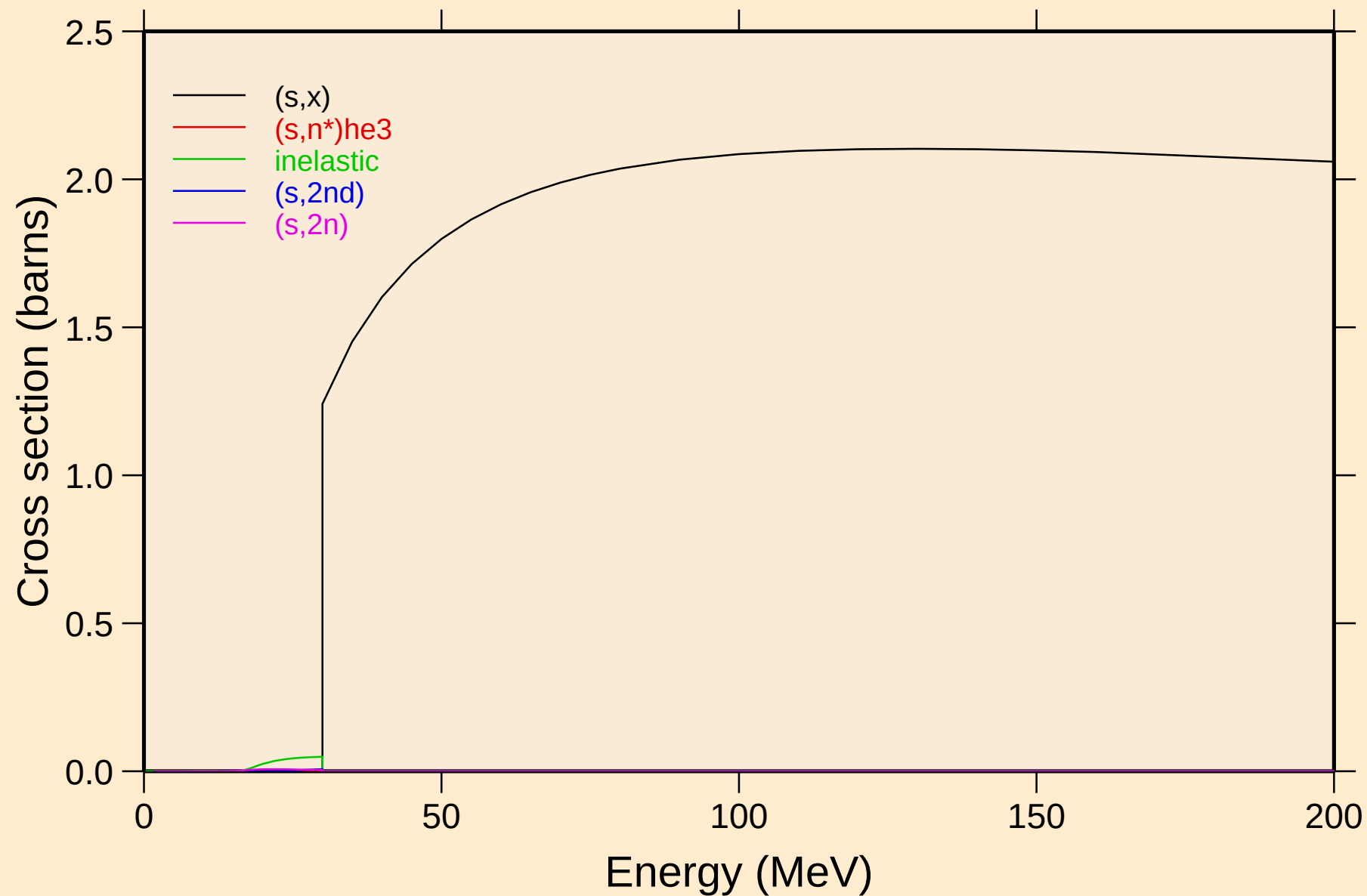
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



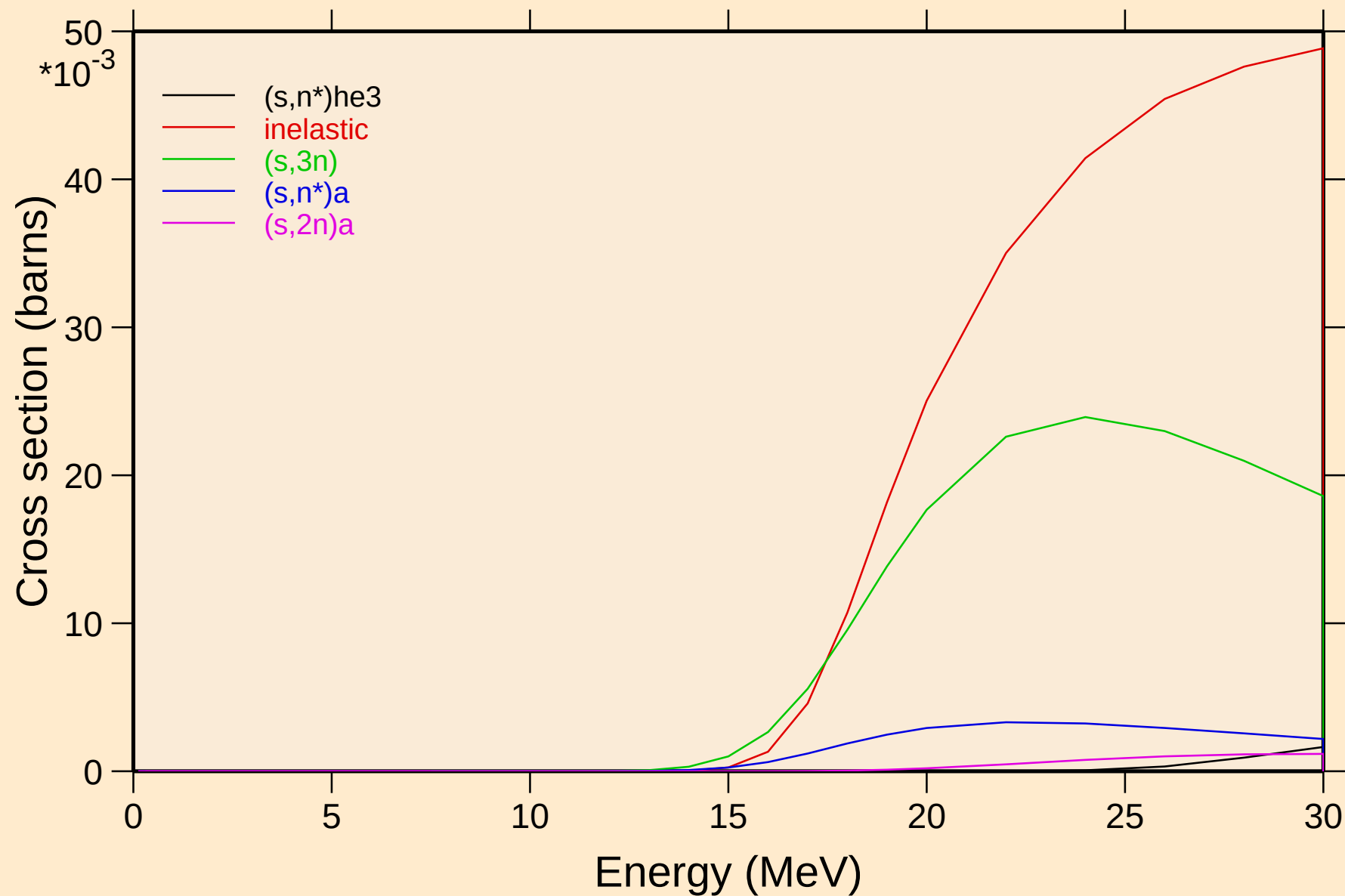
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



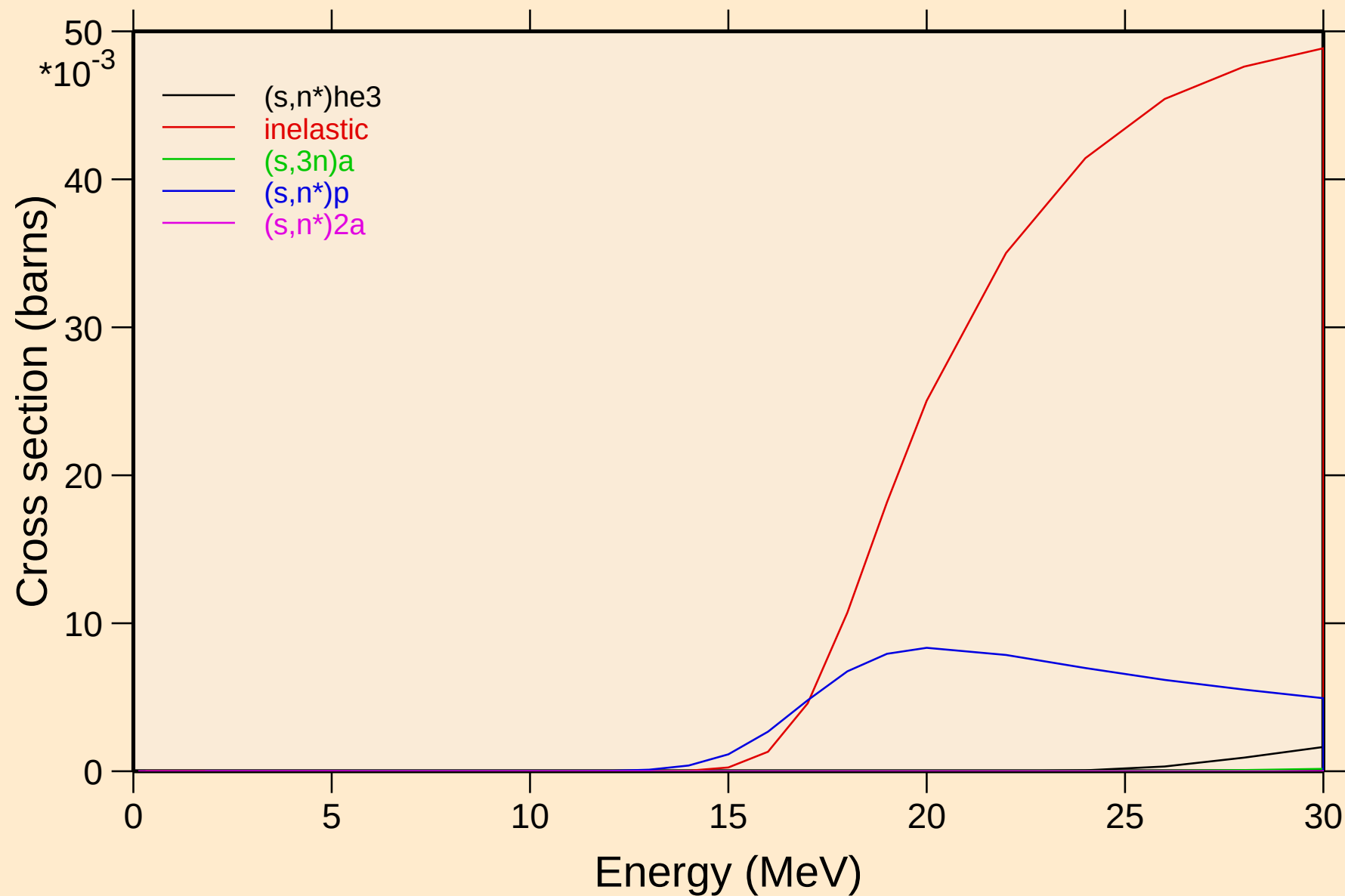
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



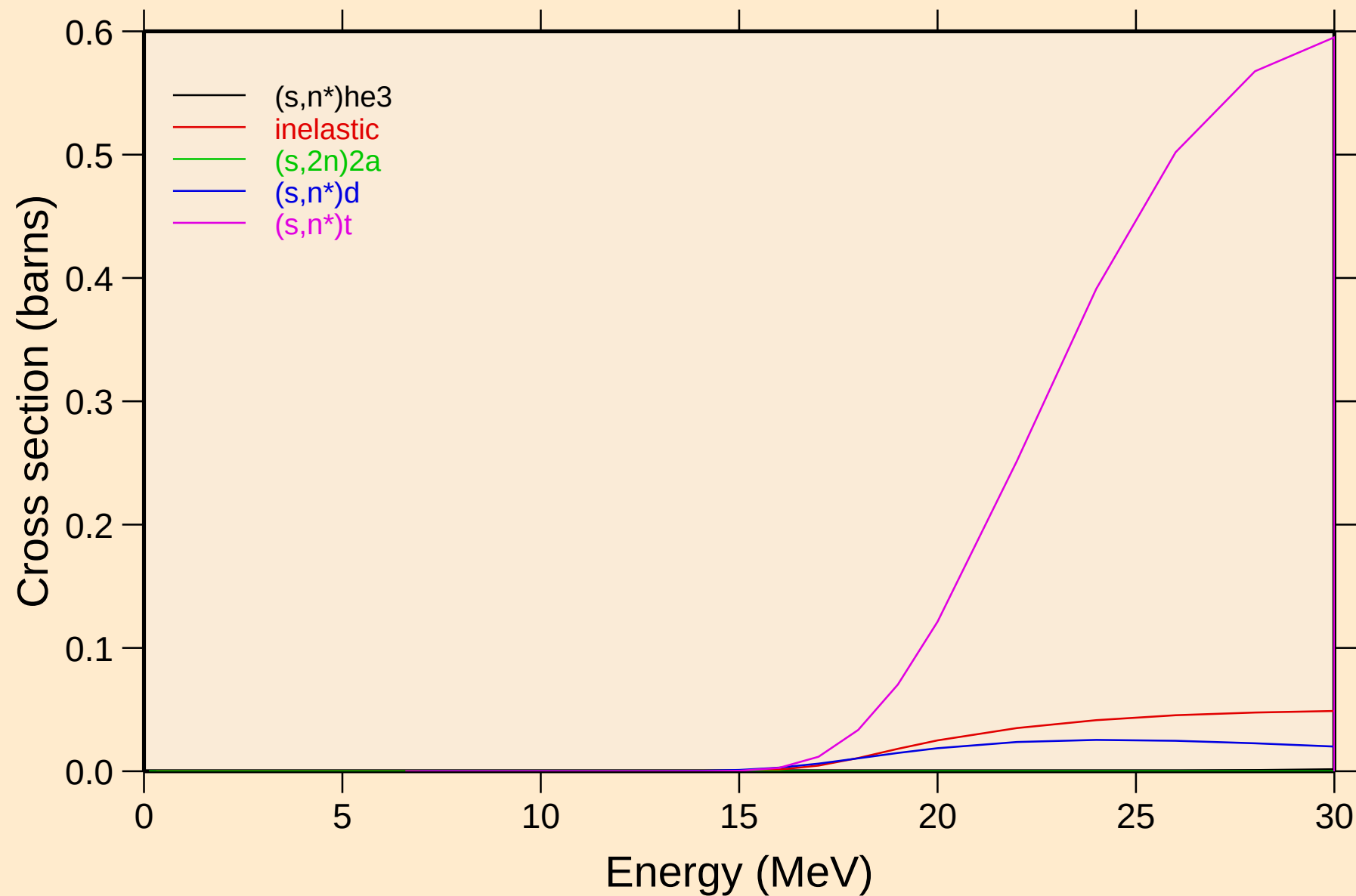
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

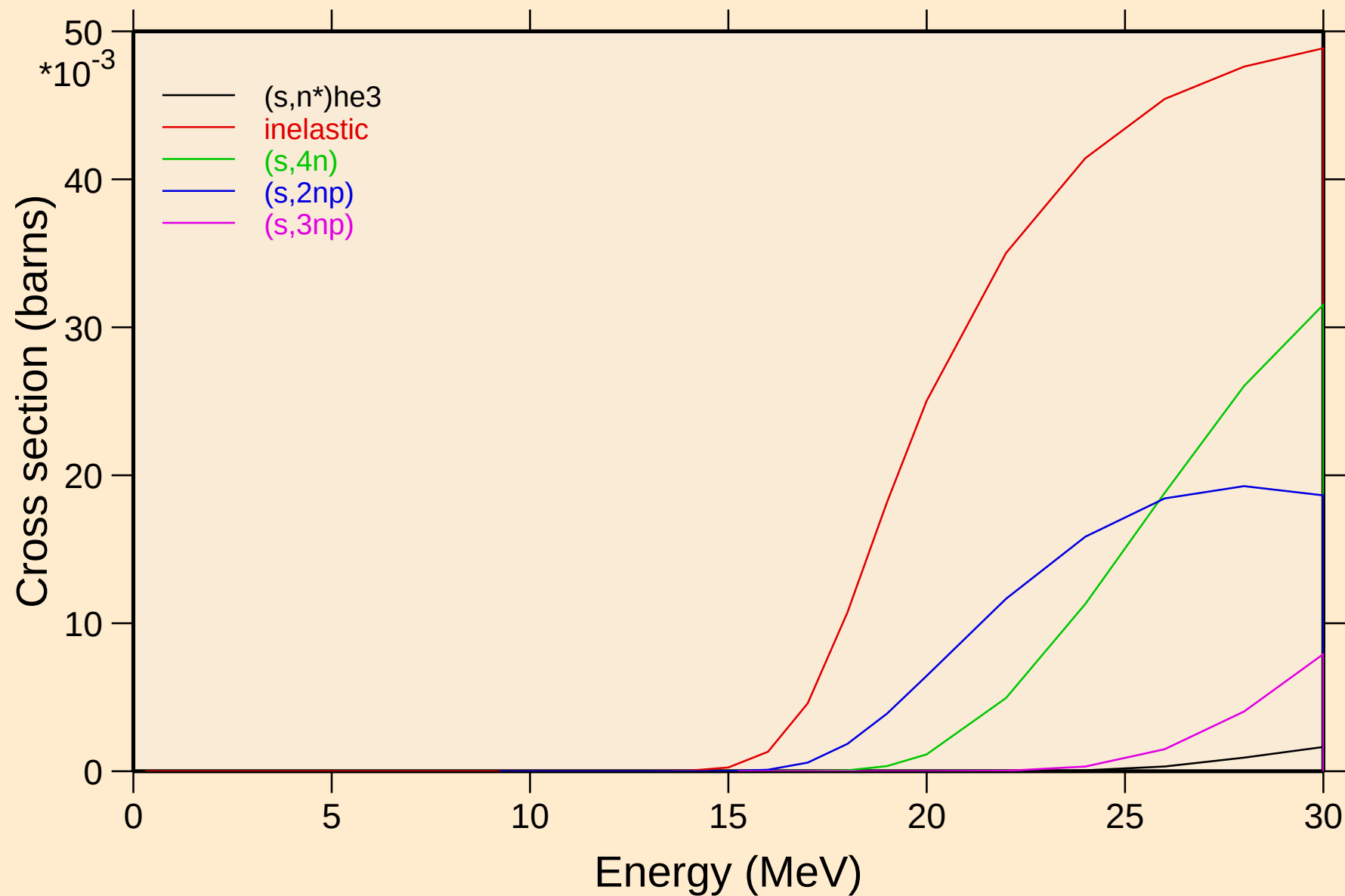
## Threshold reactions





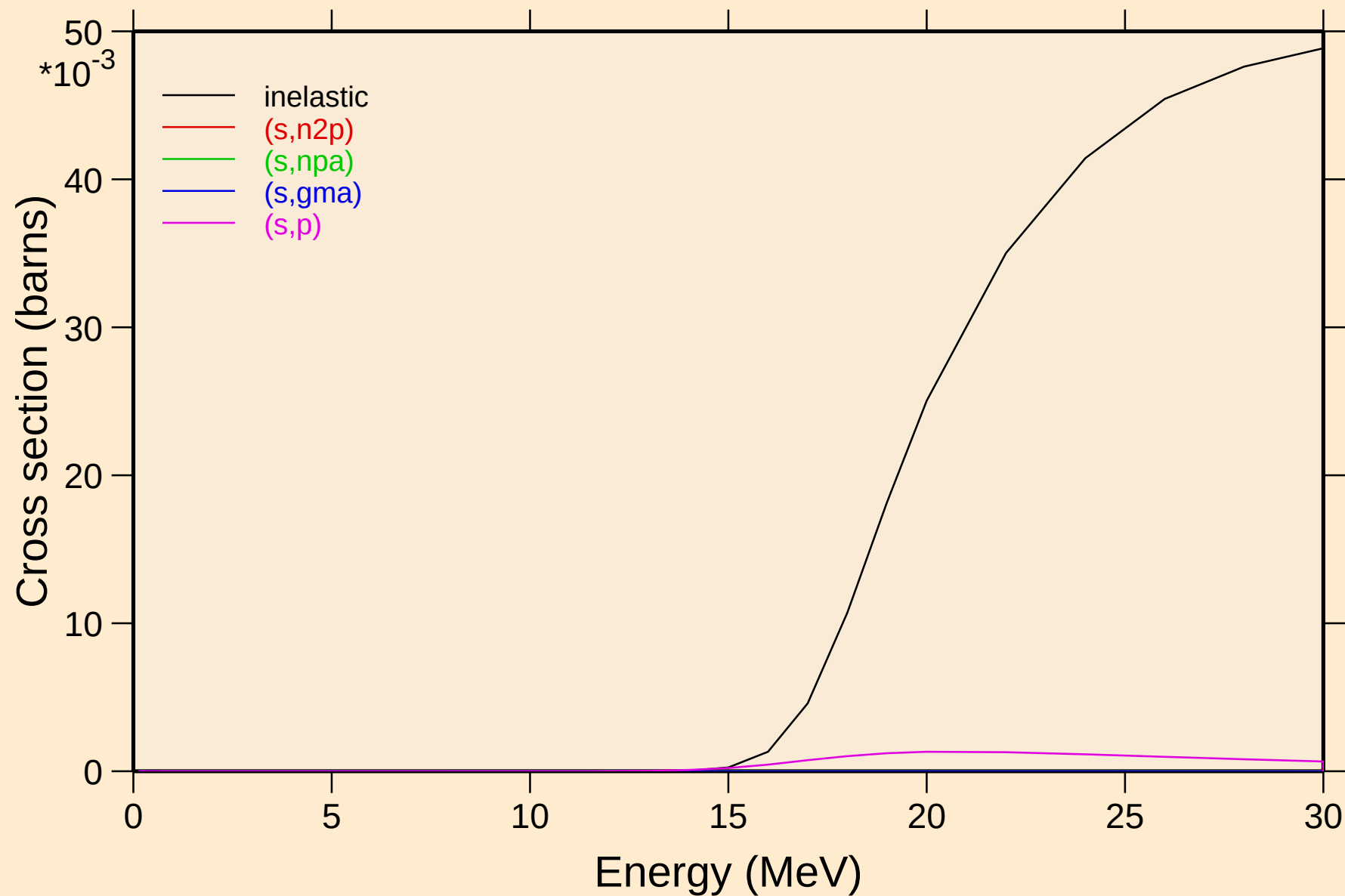
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

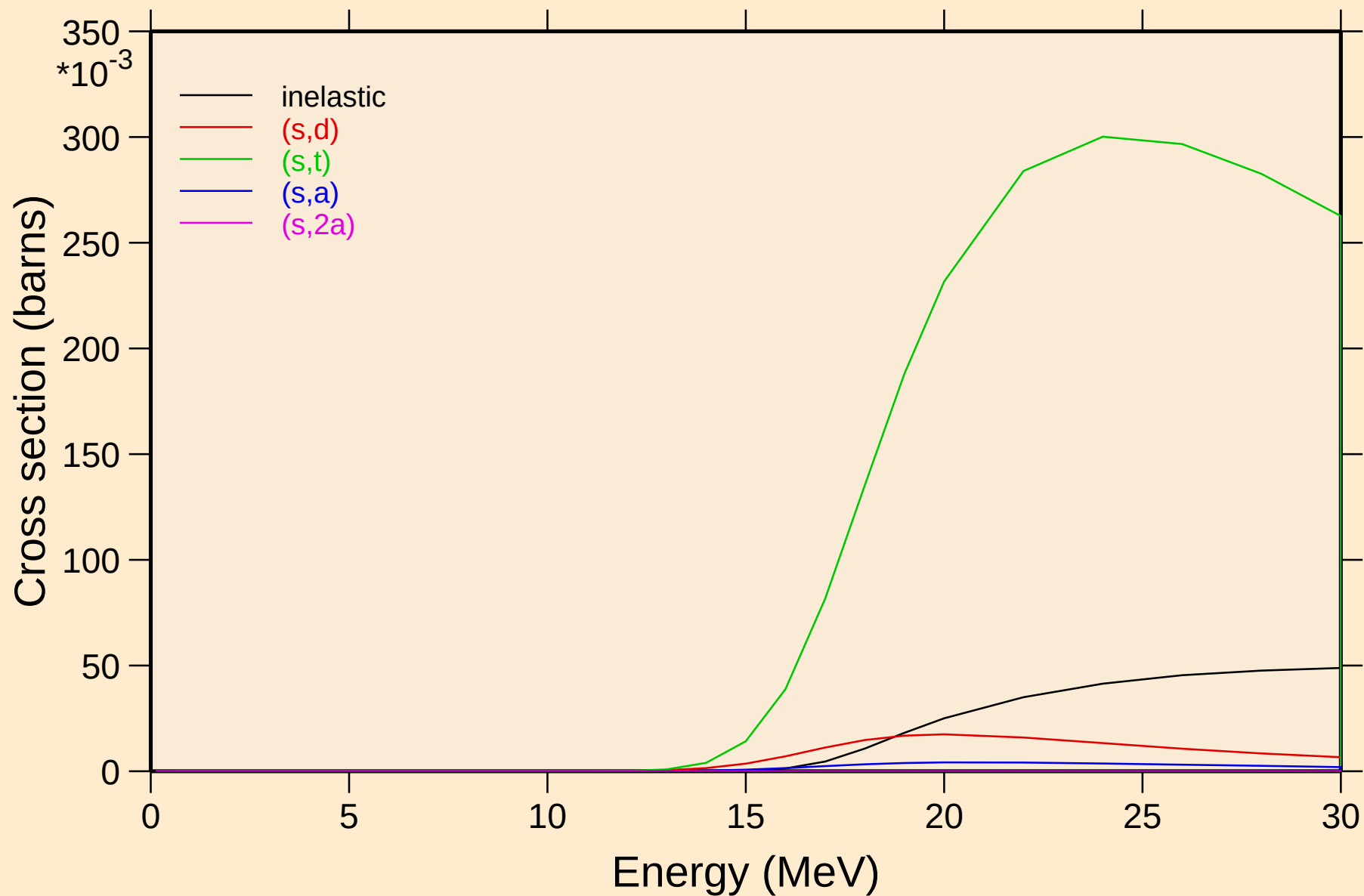


# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

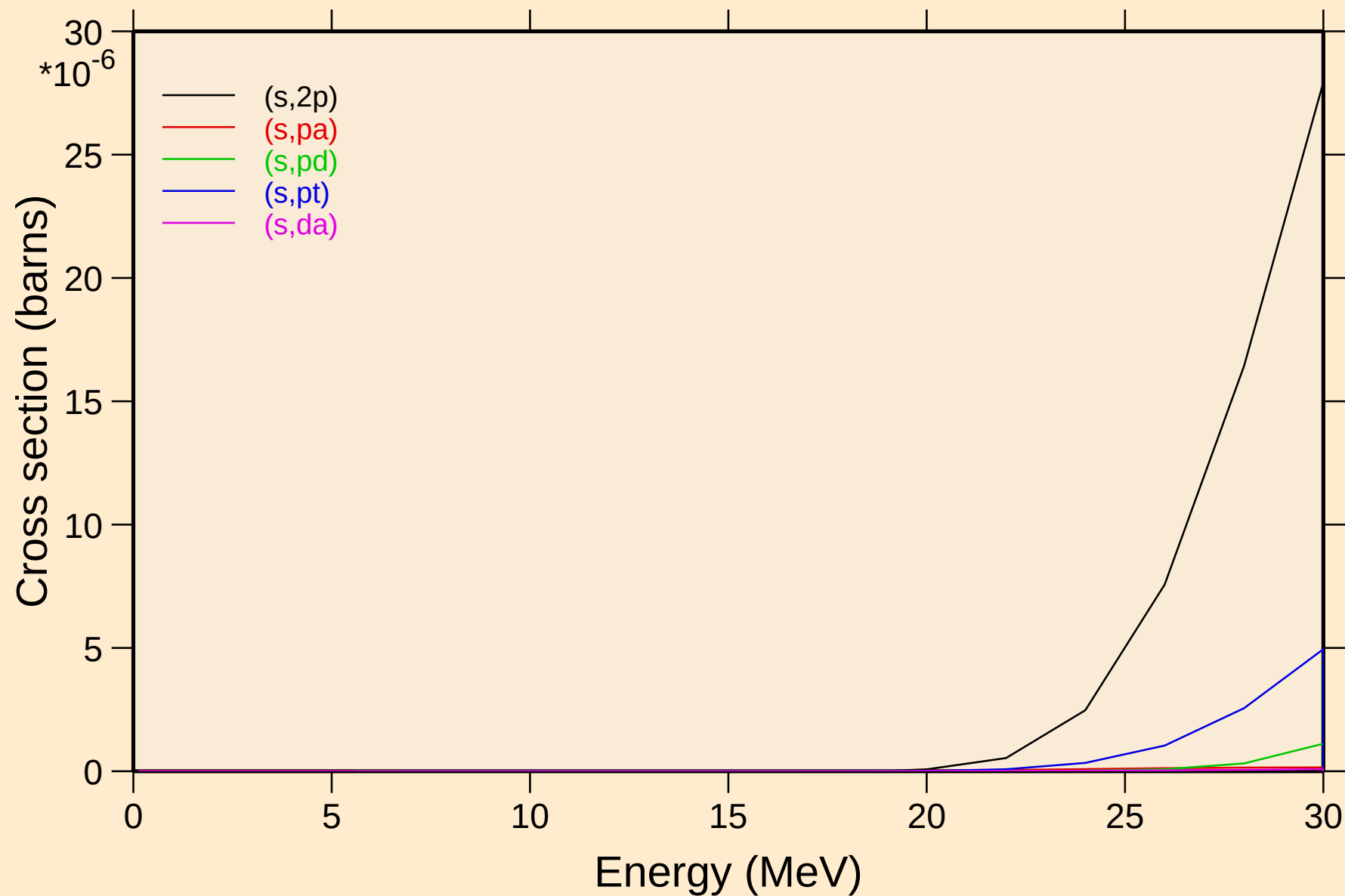


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

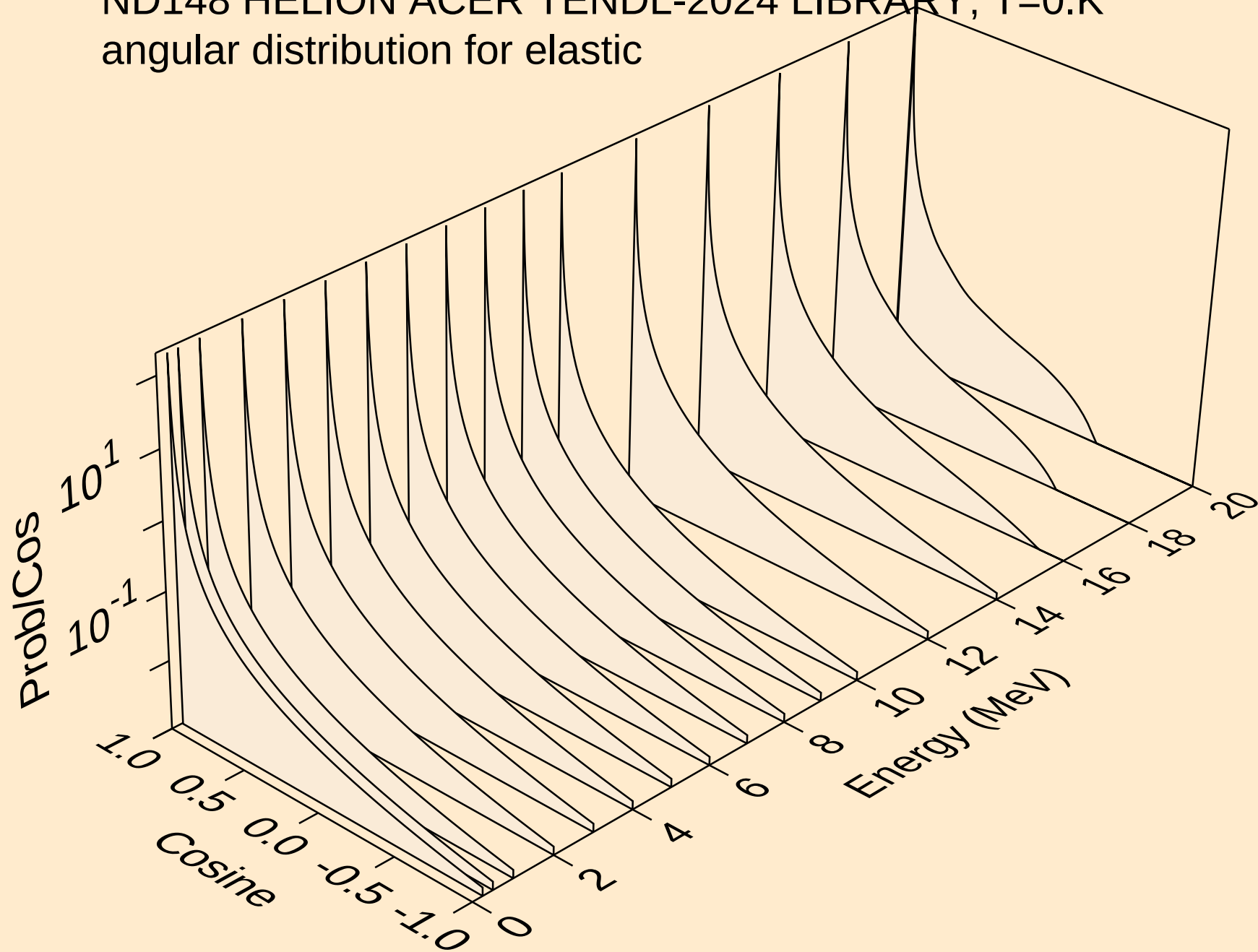


# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

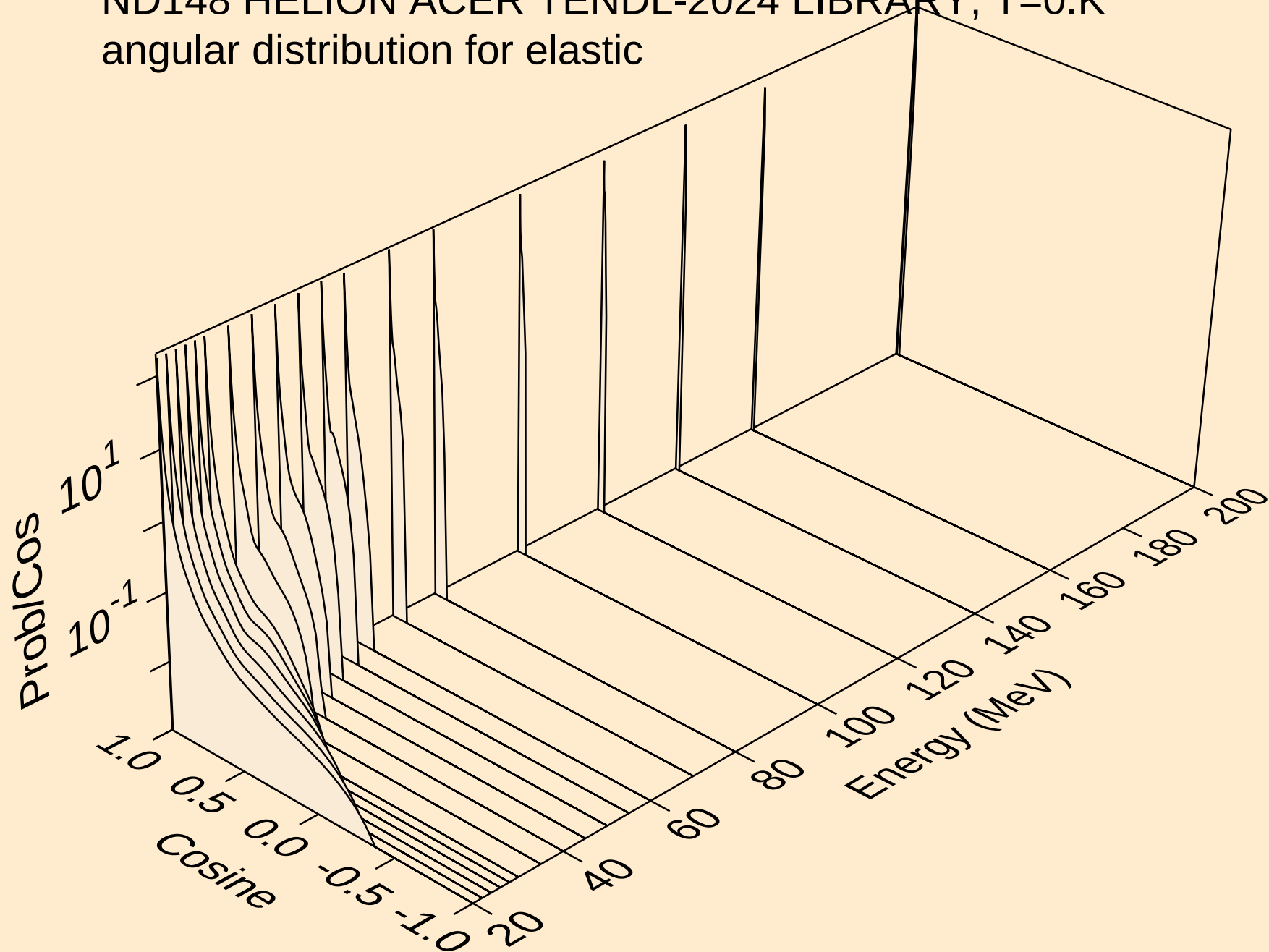
Threshold reactions



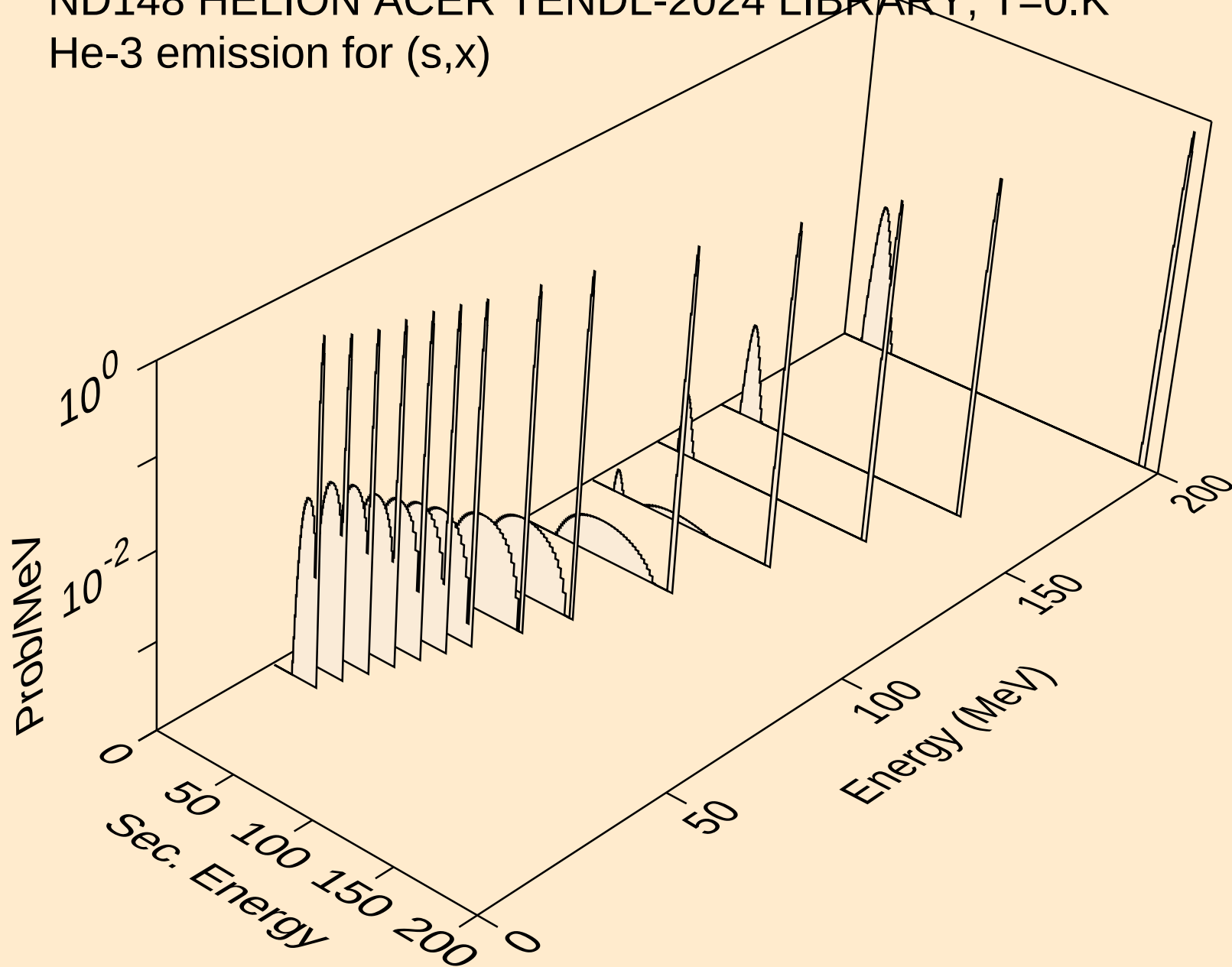
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



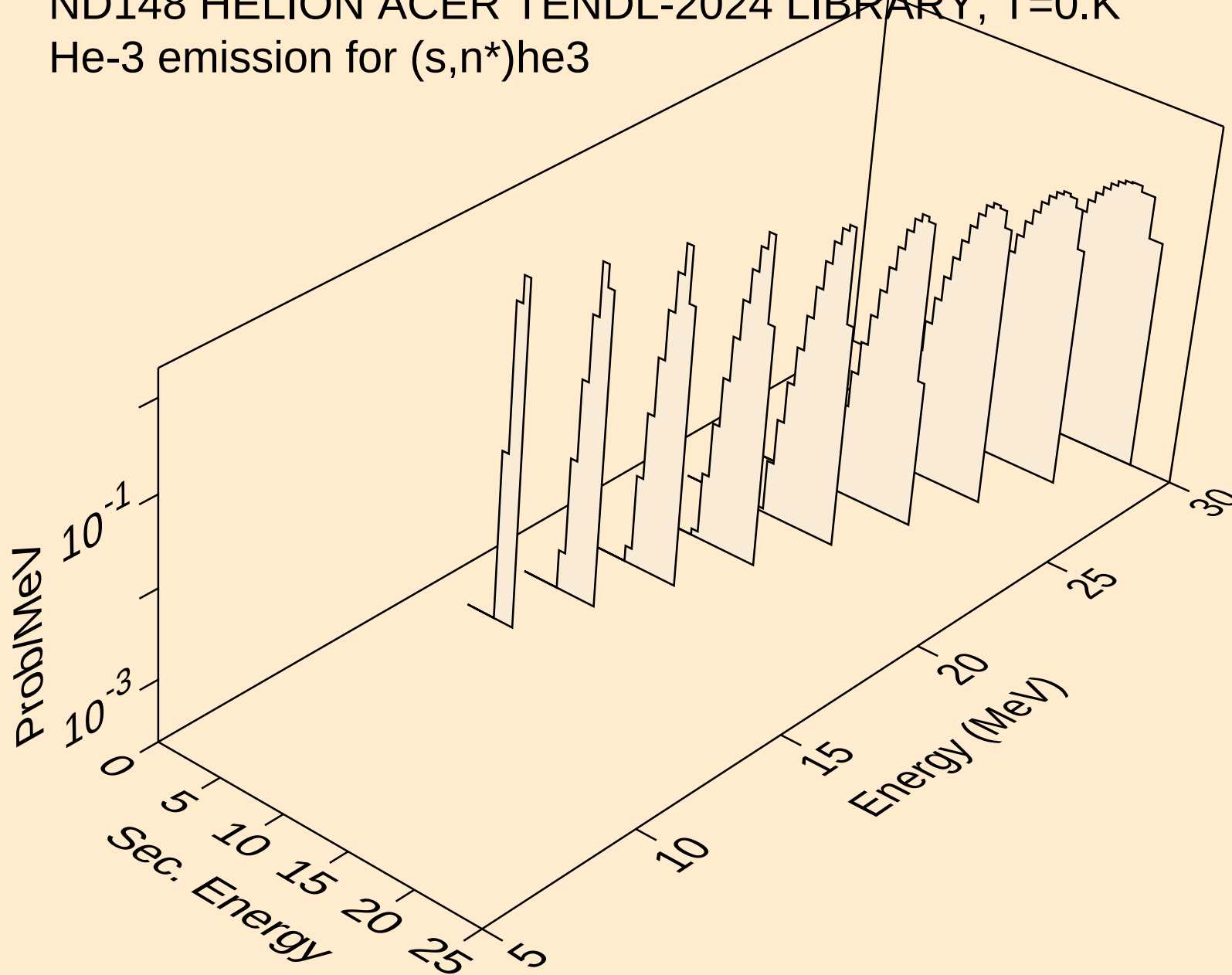
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

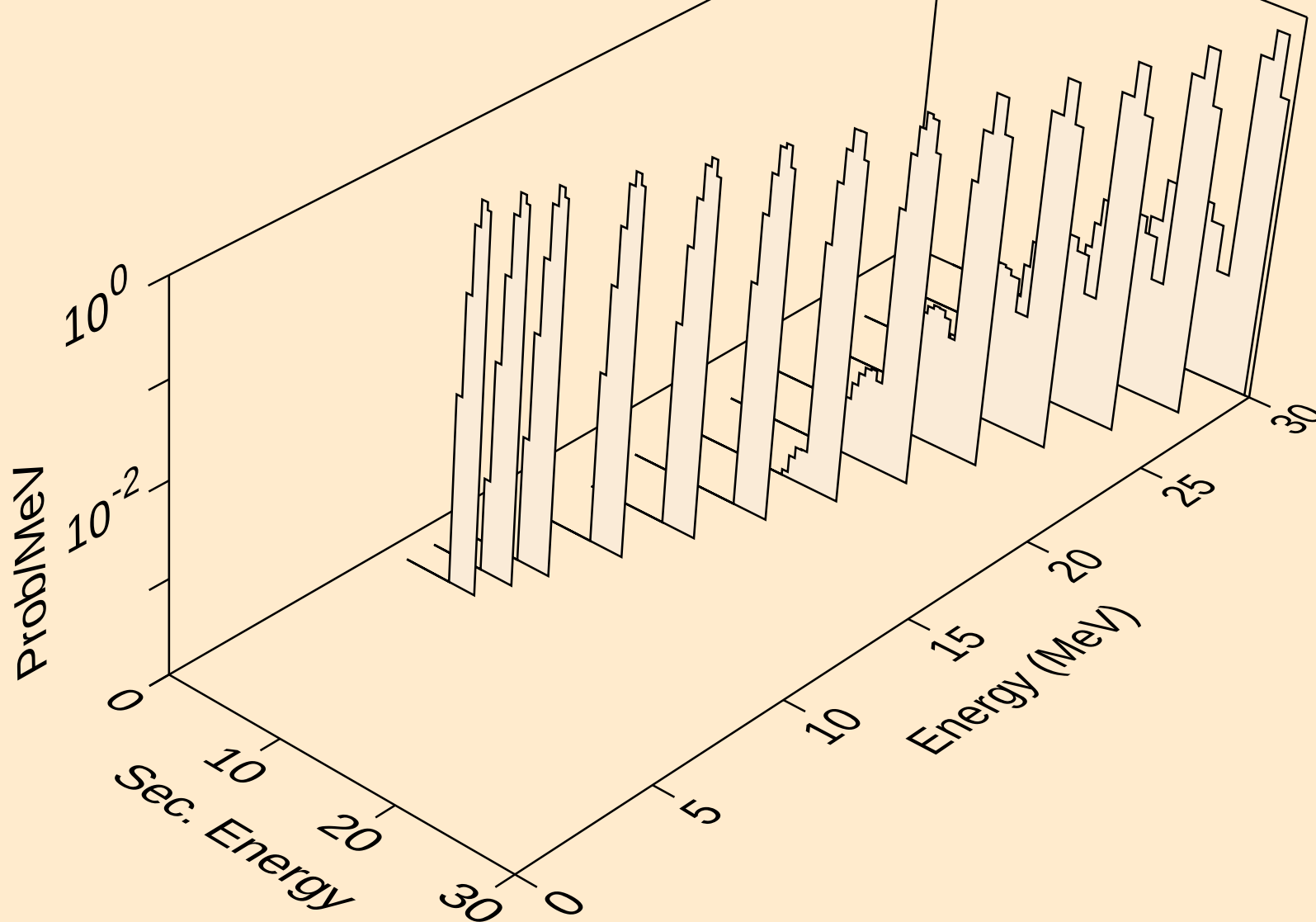


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

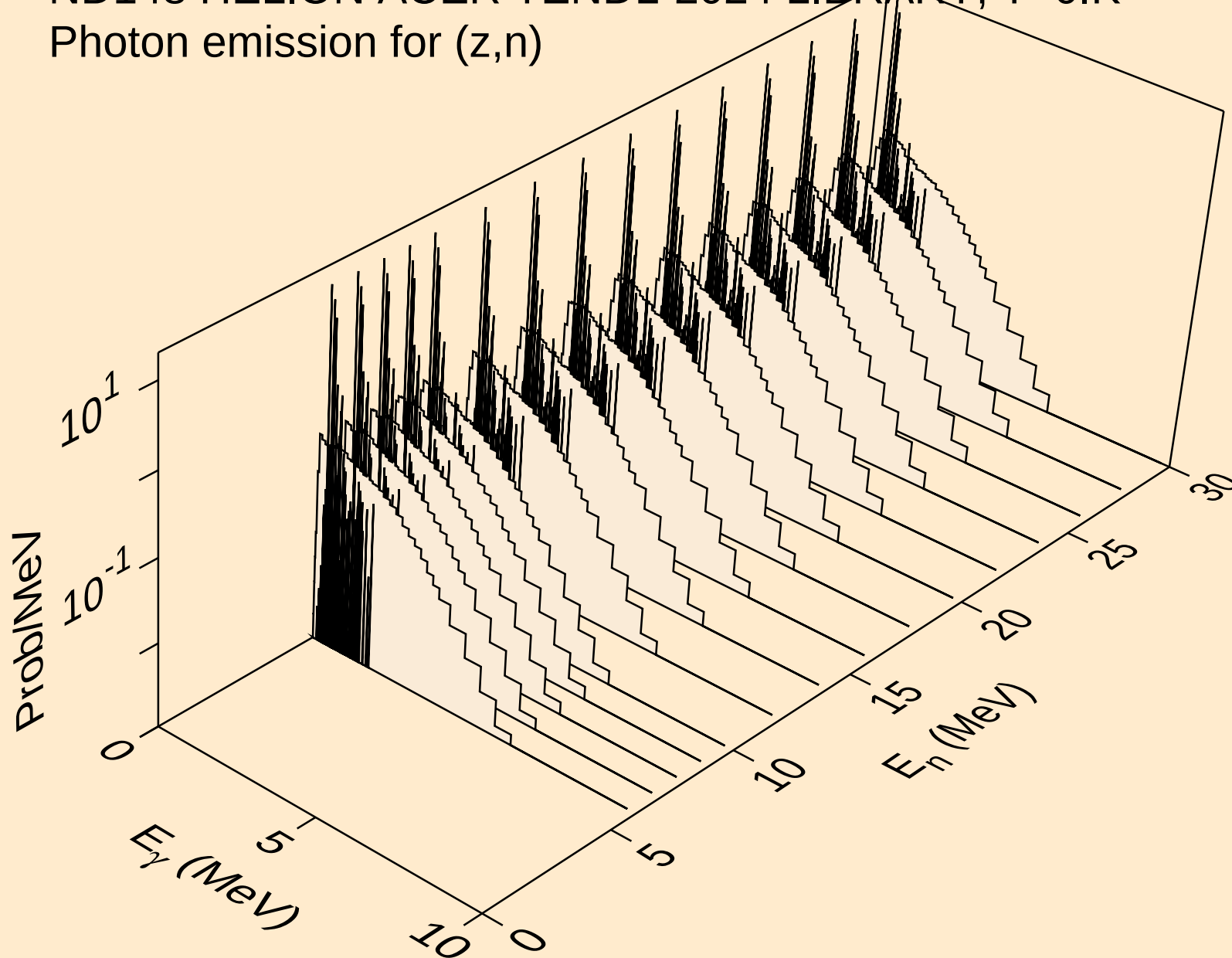




ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

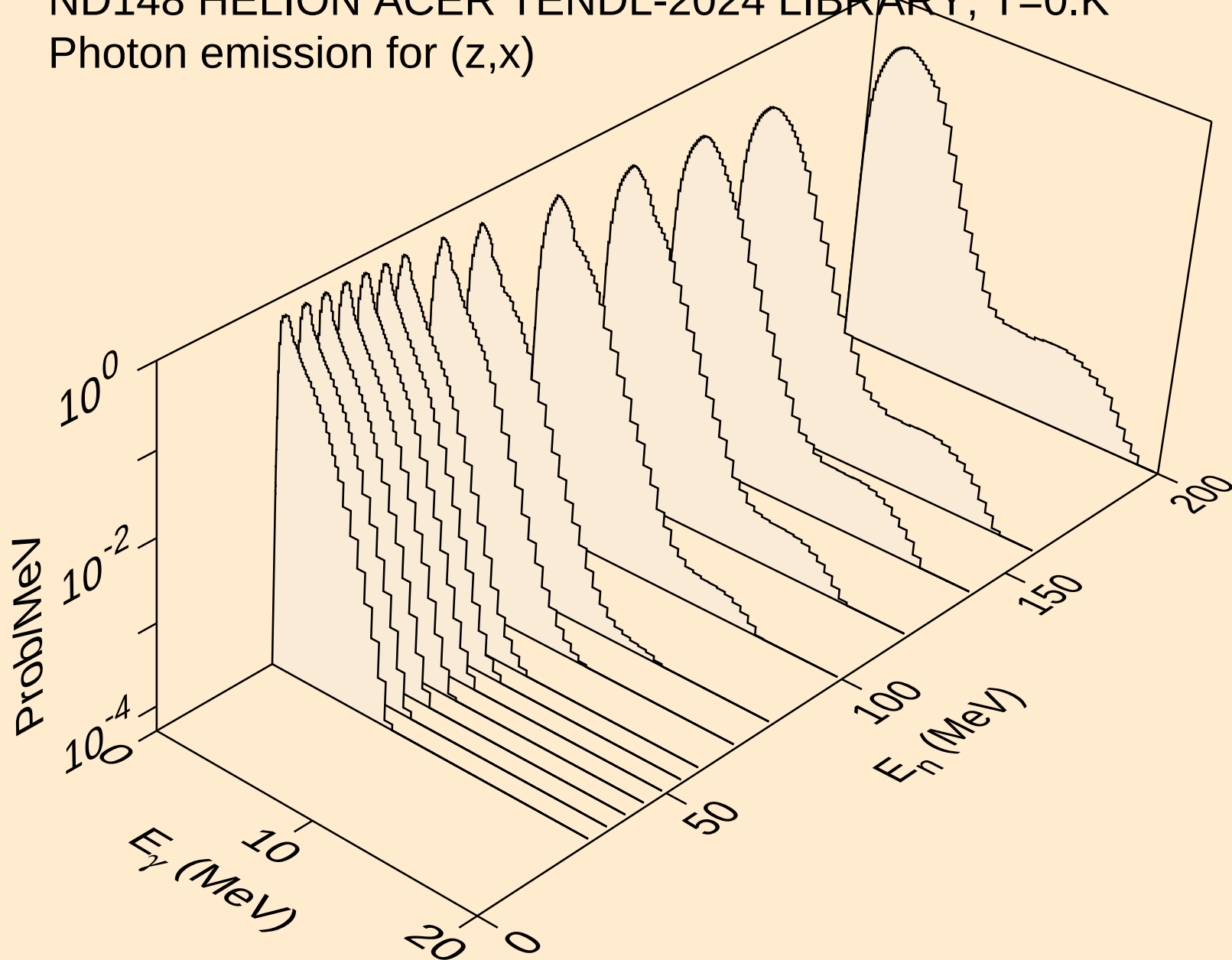


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

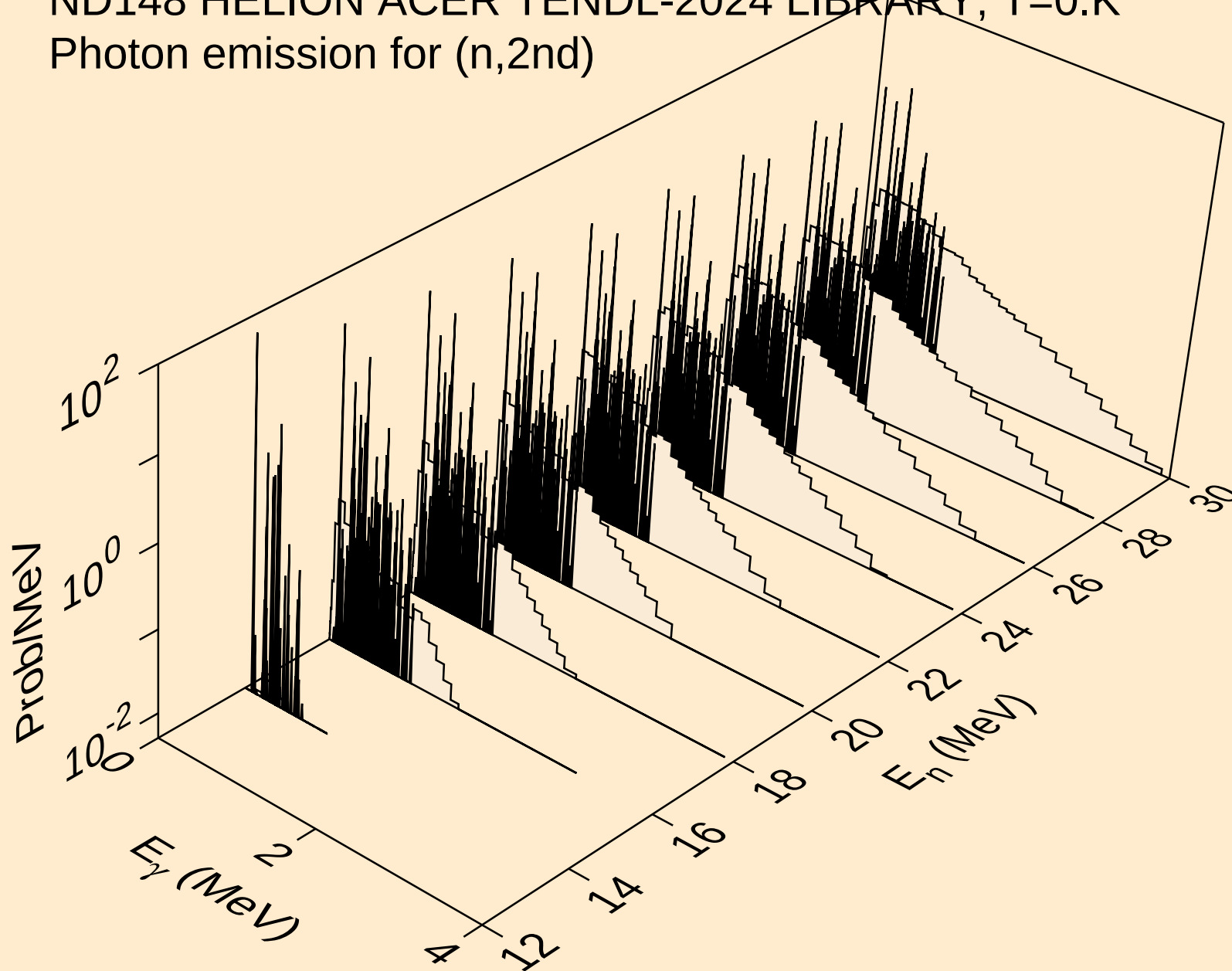


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

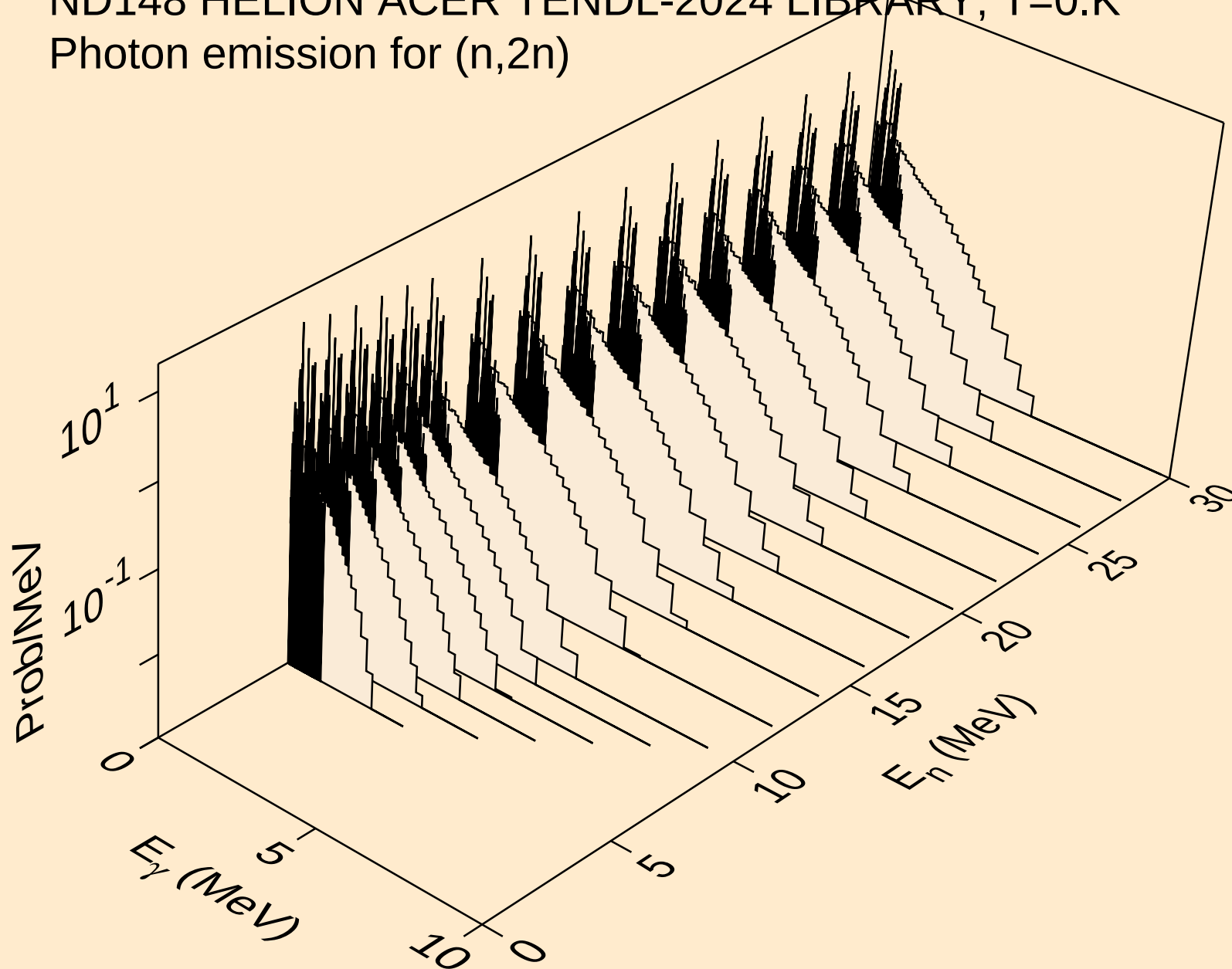
Photon emission for (z,x)



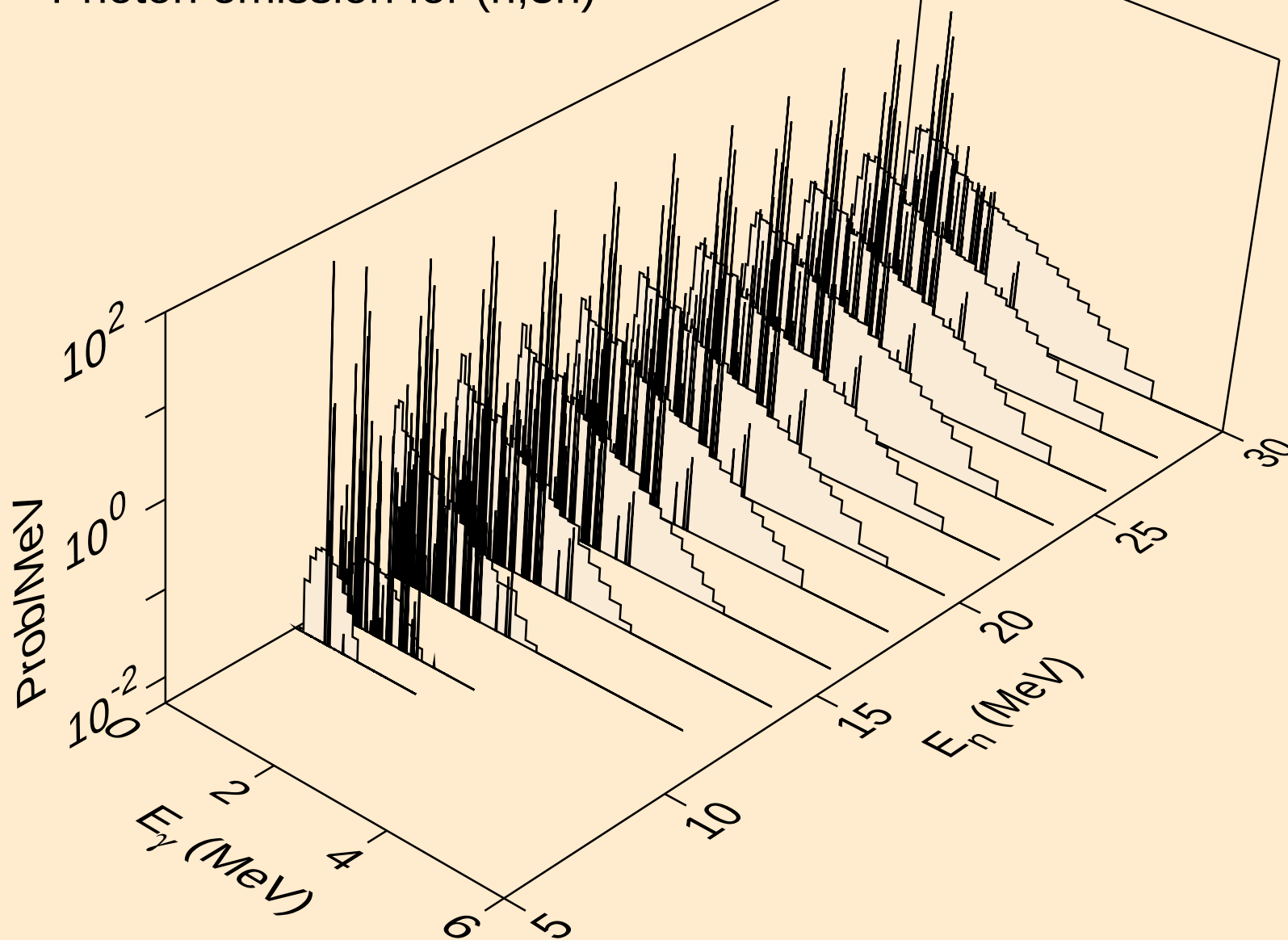
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



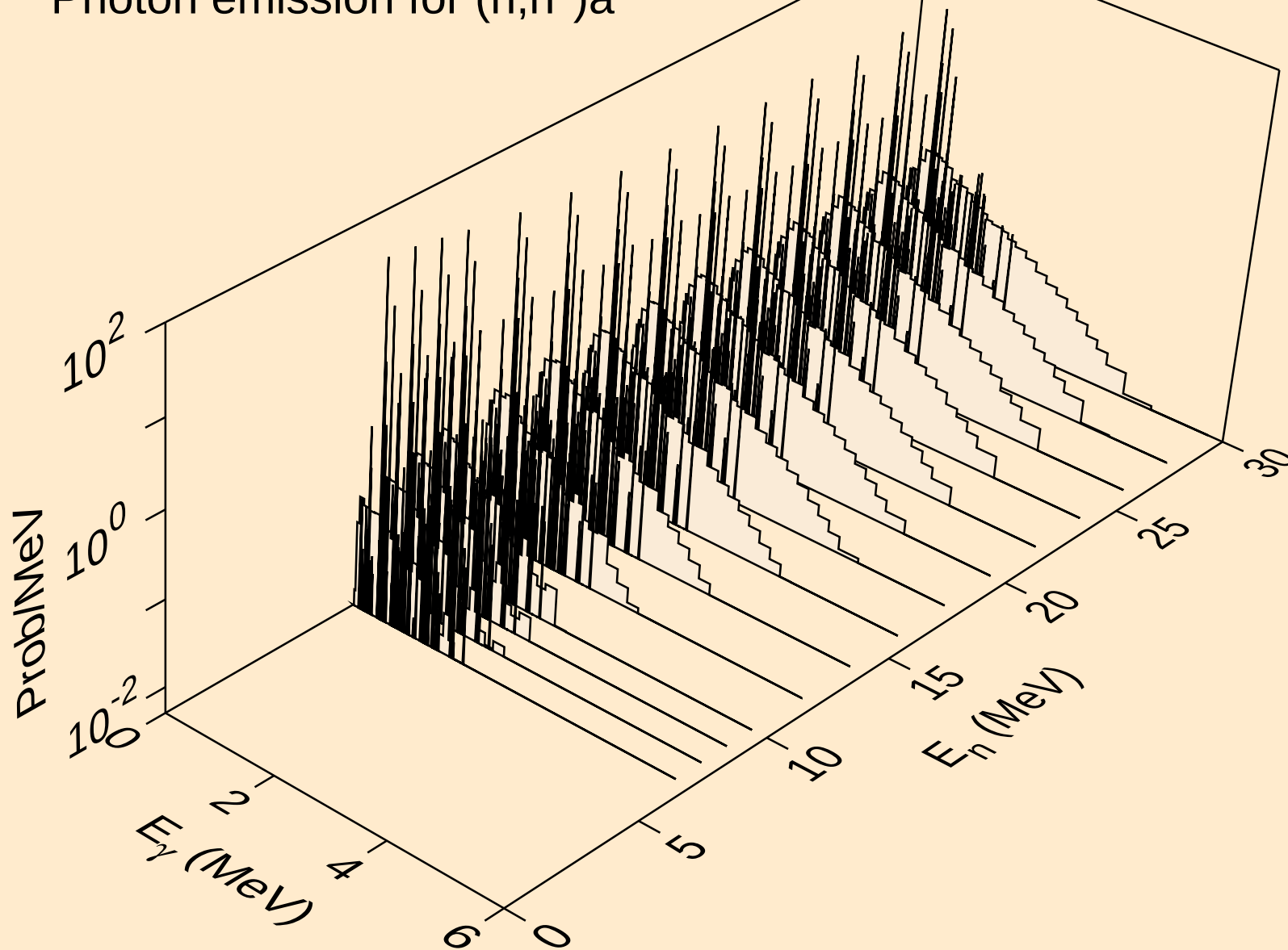
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



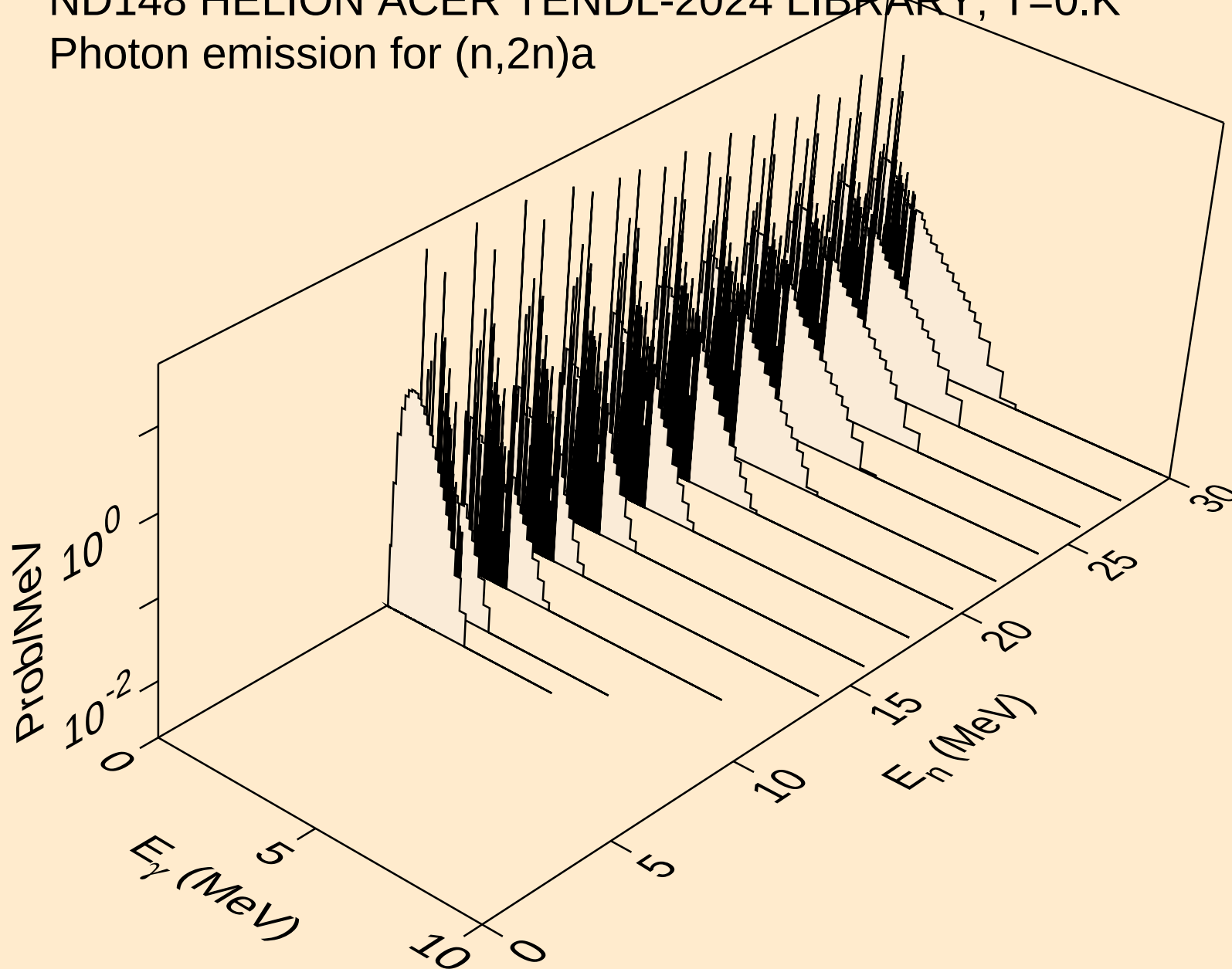
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

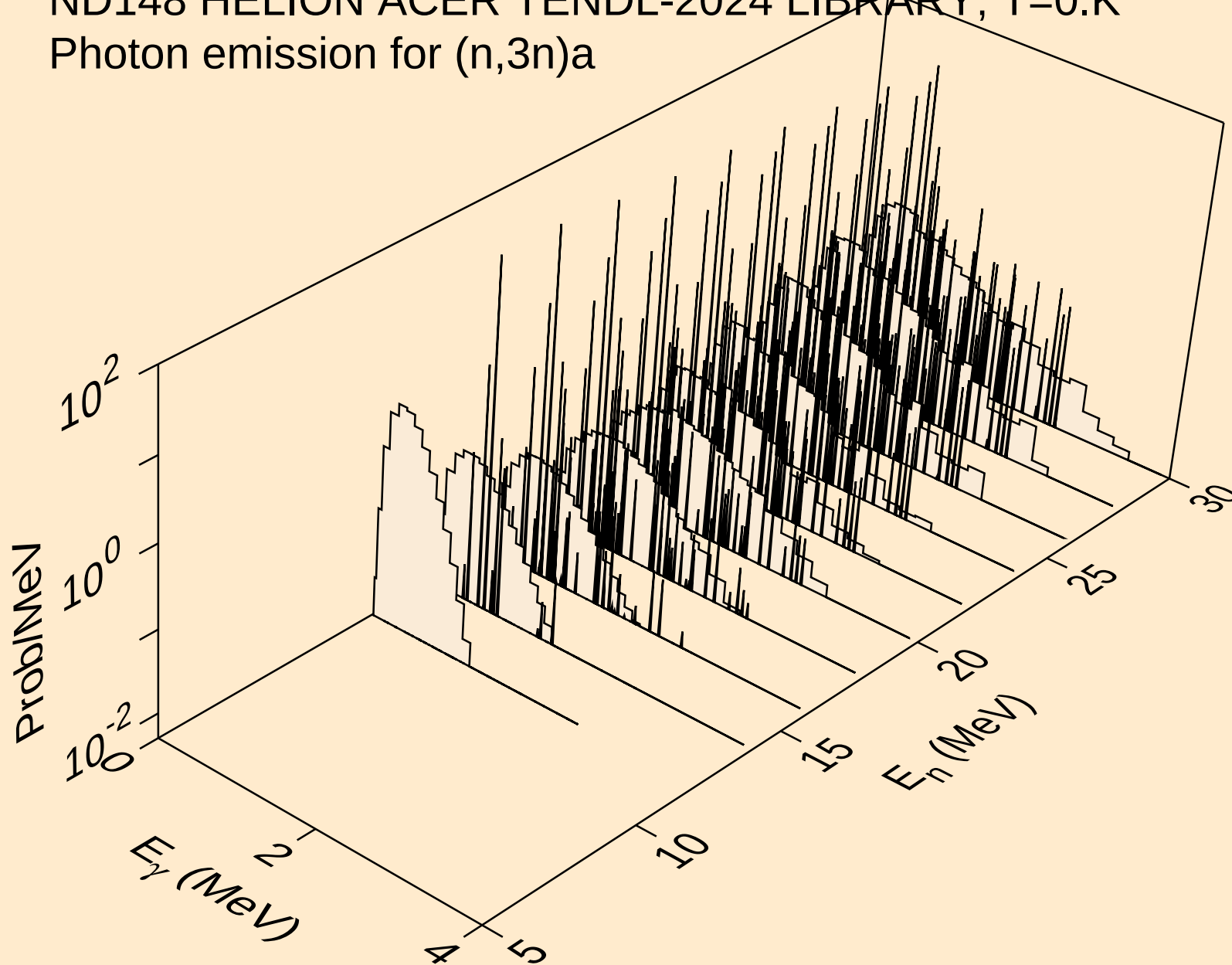


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



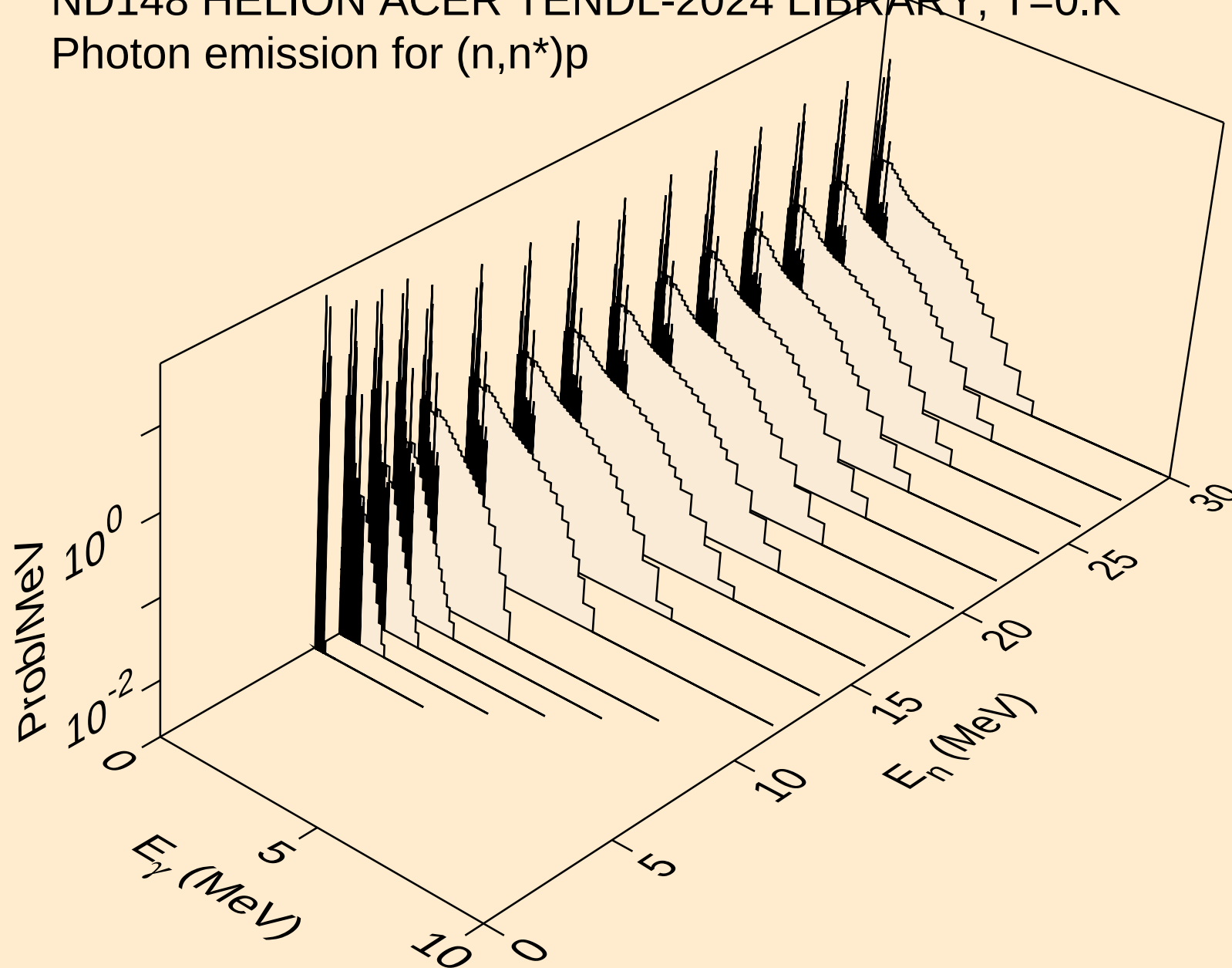


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$

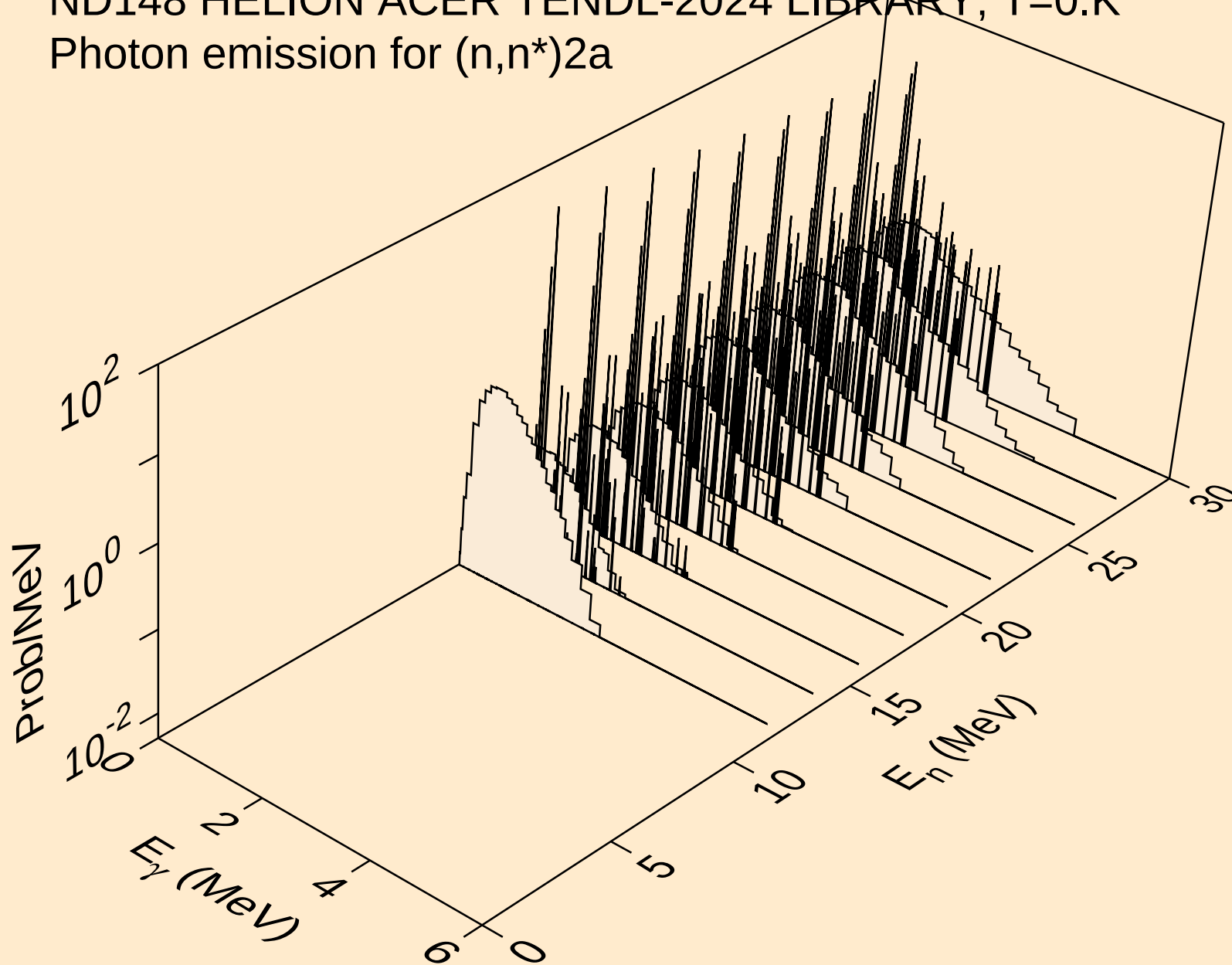


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p

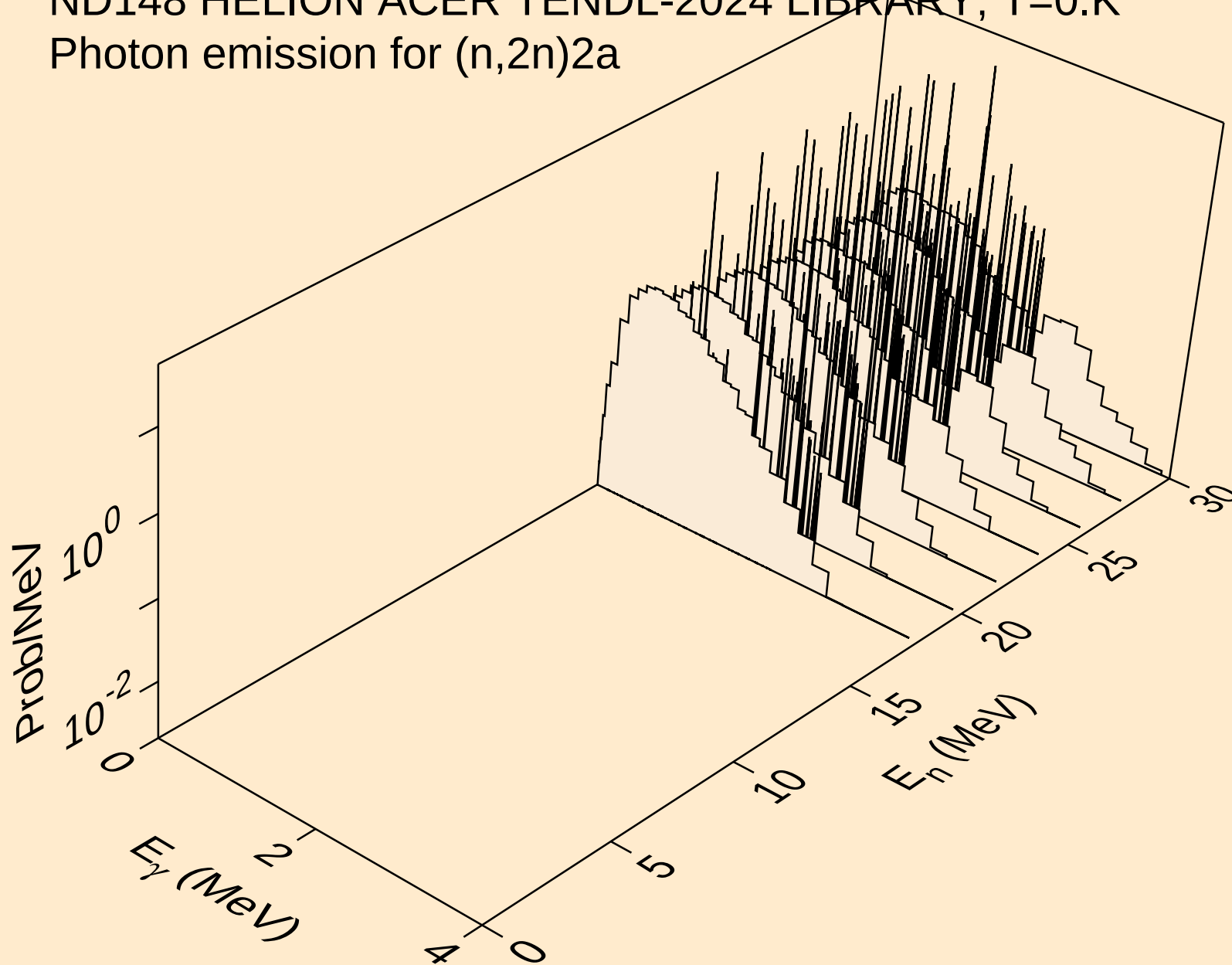


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

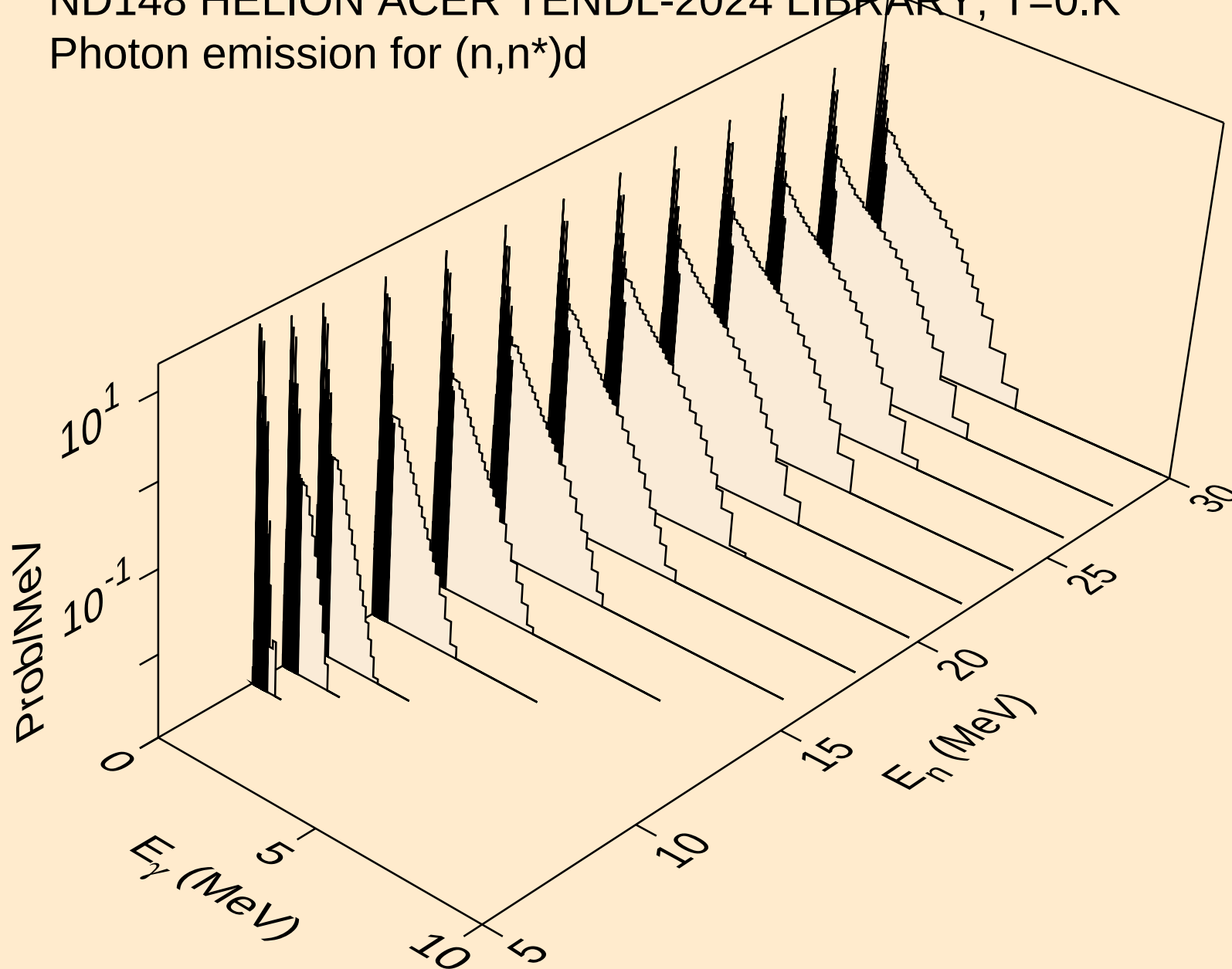


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a

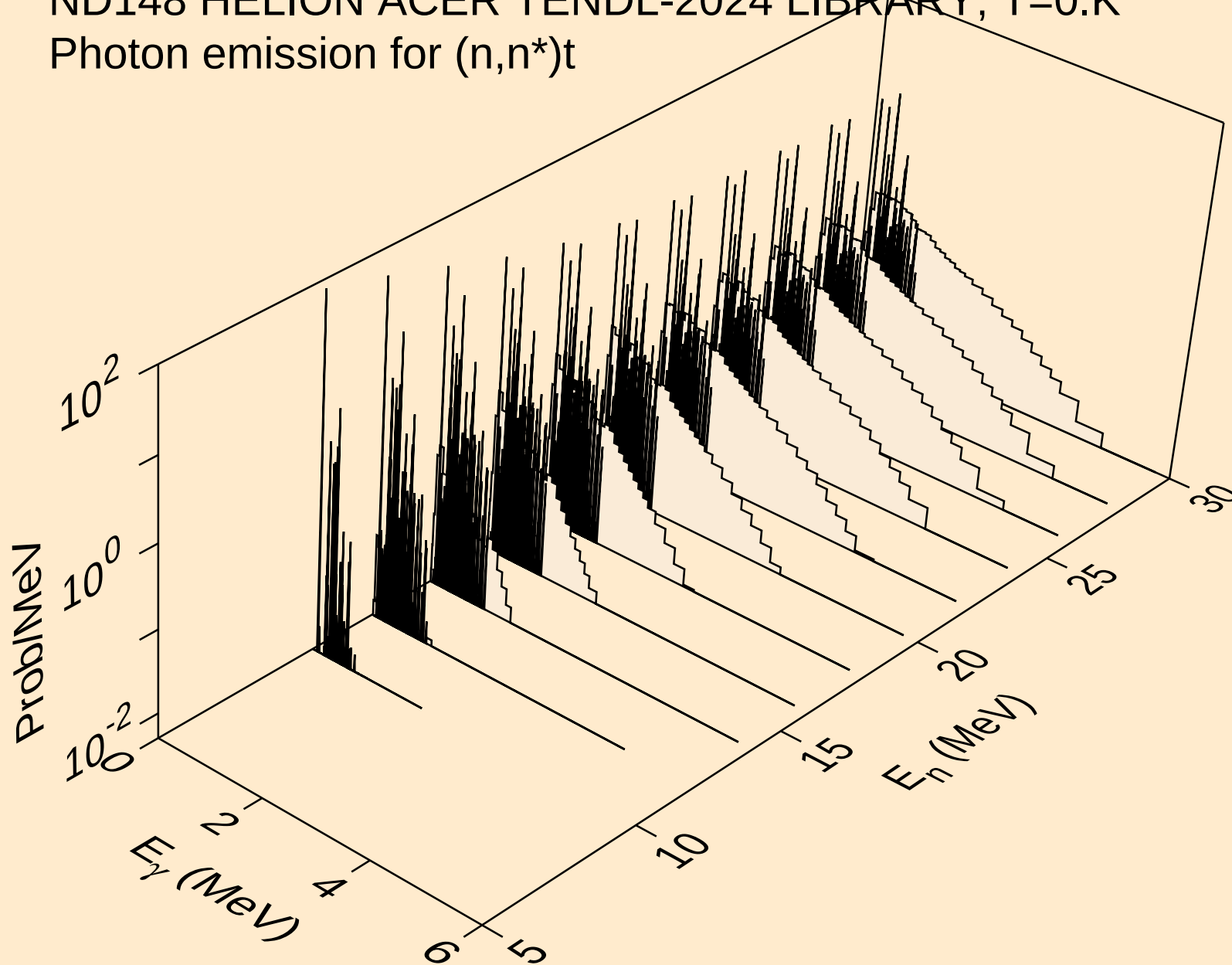


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

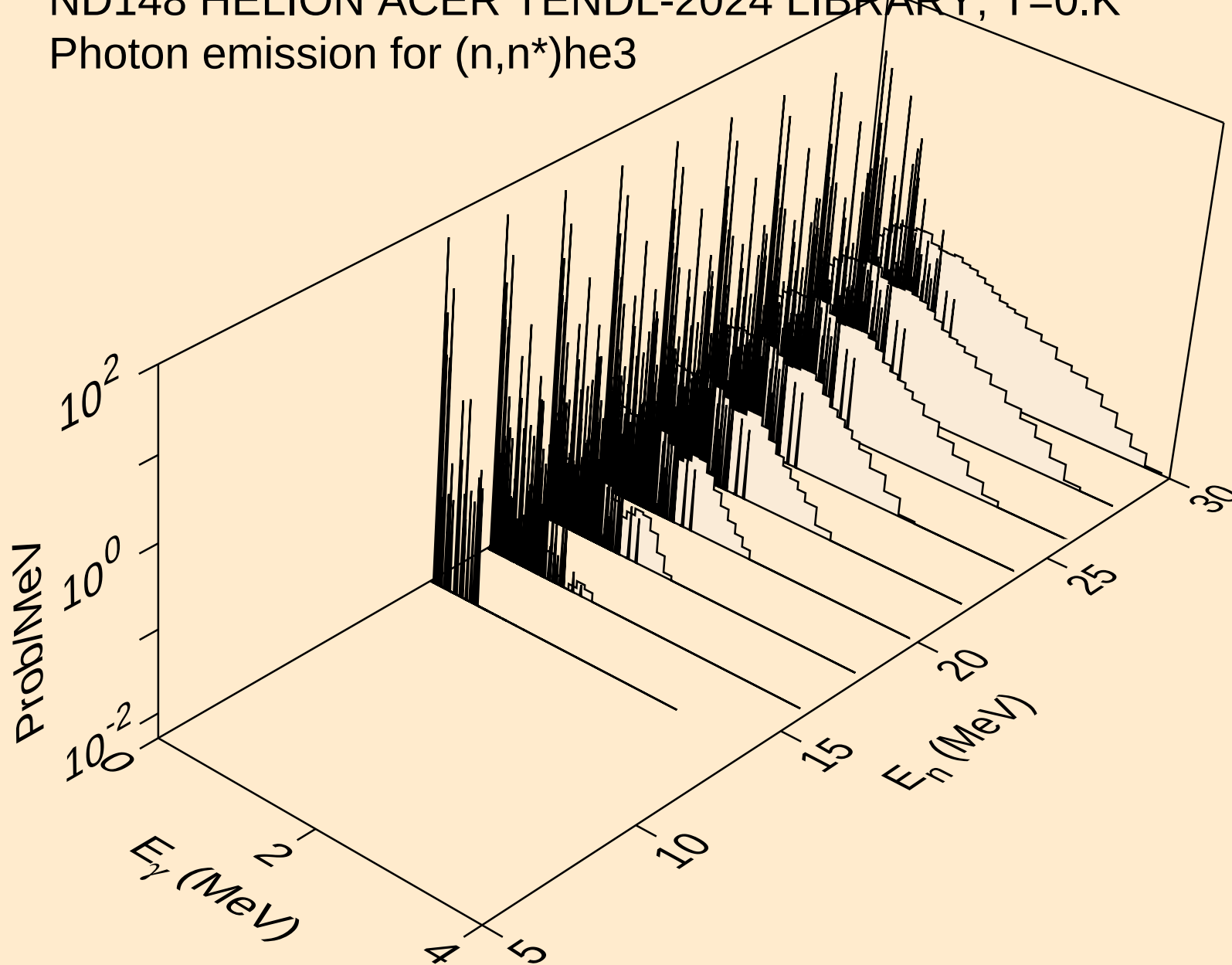


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

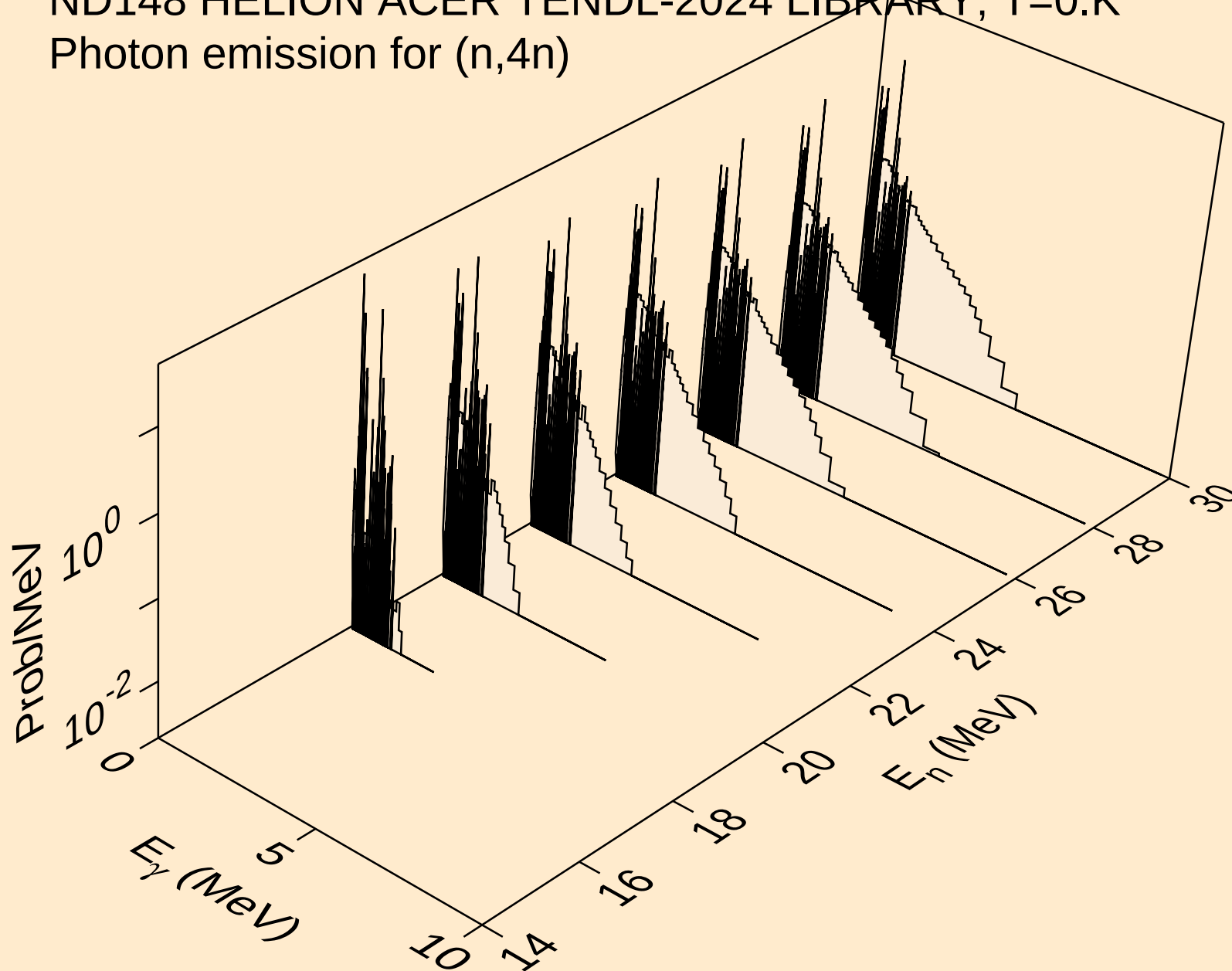
Photon emission for (n,n\*)t



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

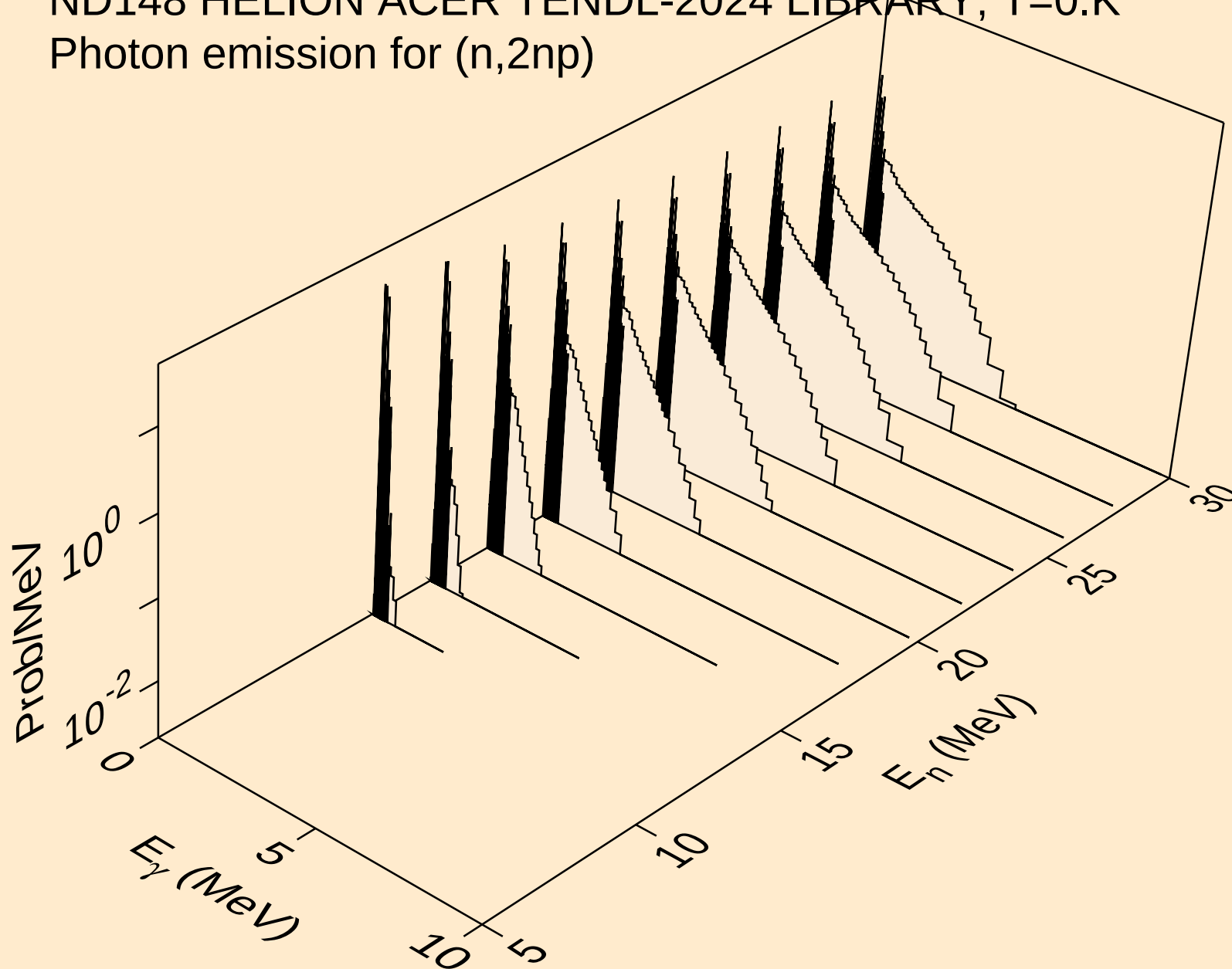


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

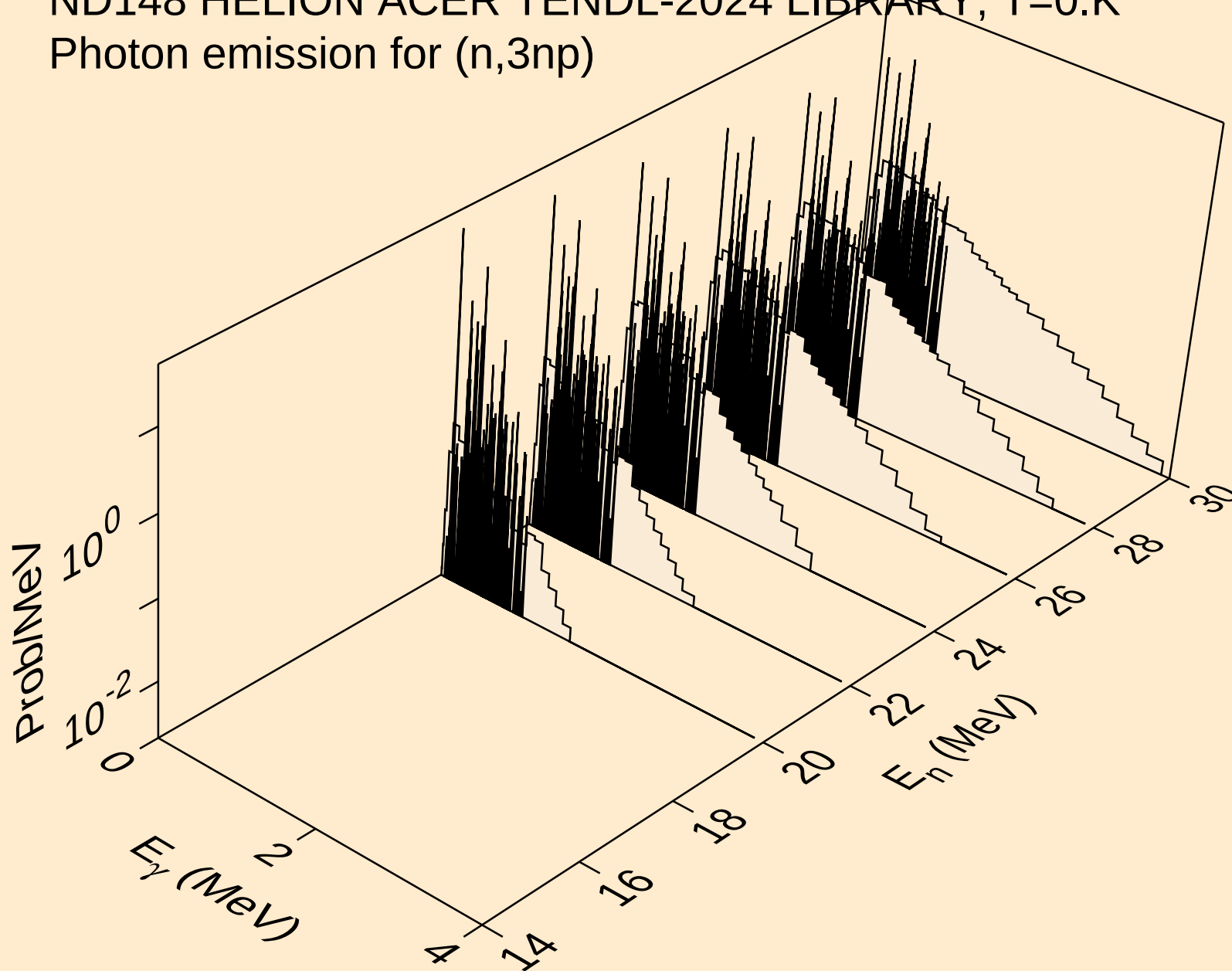




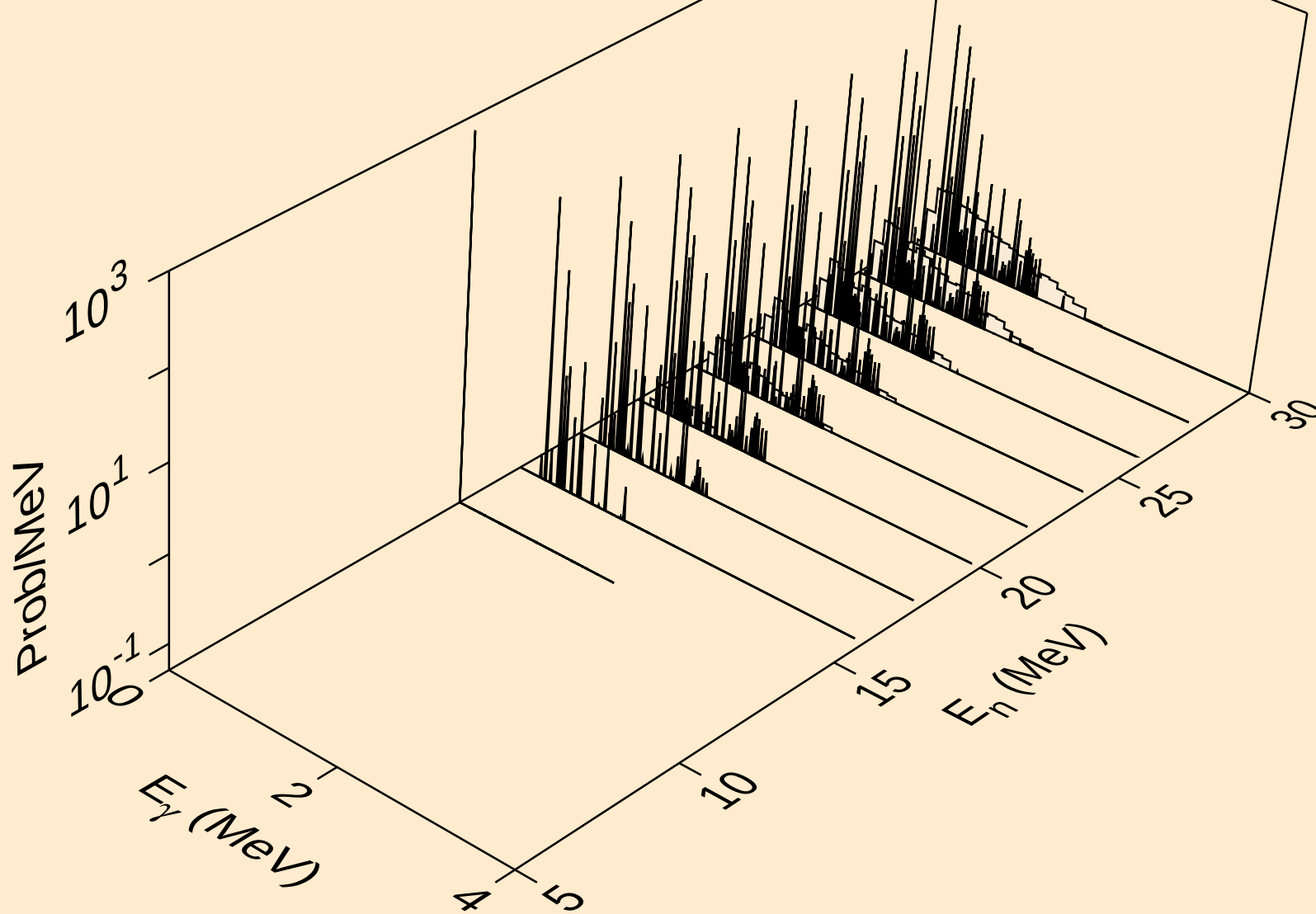
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



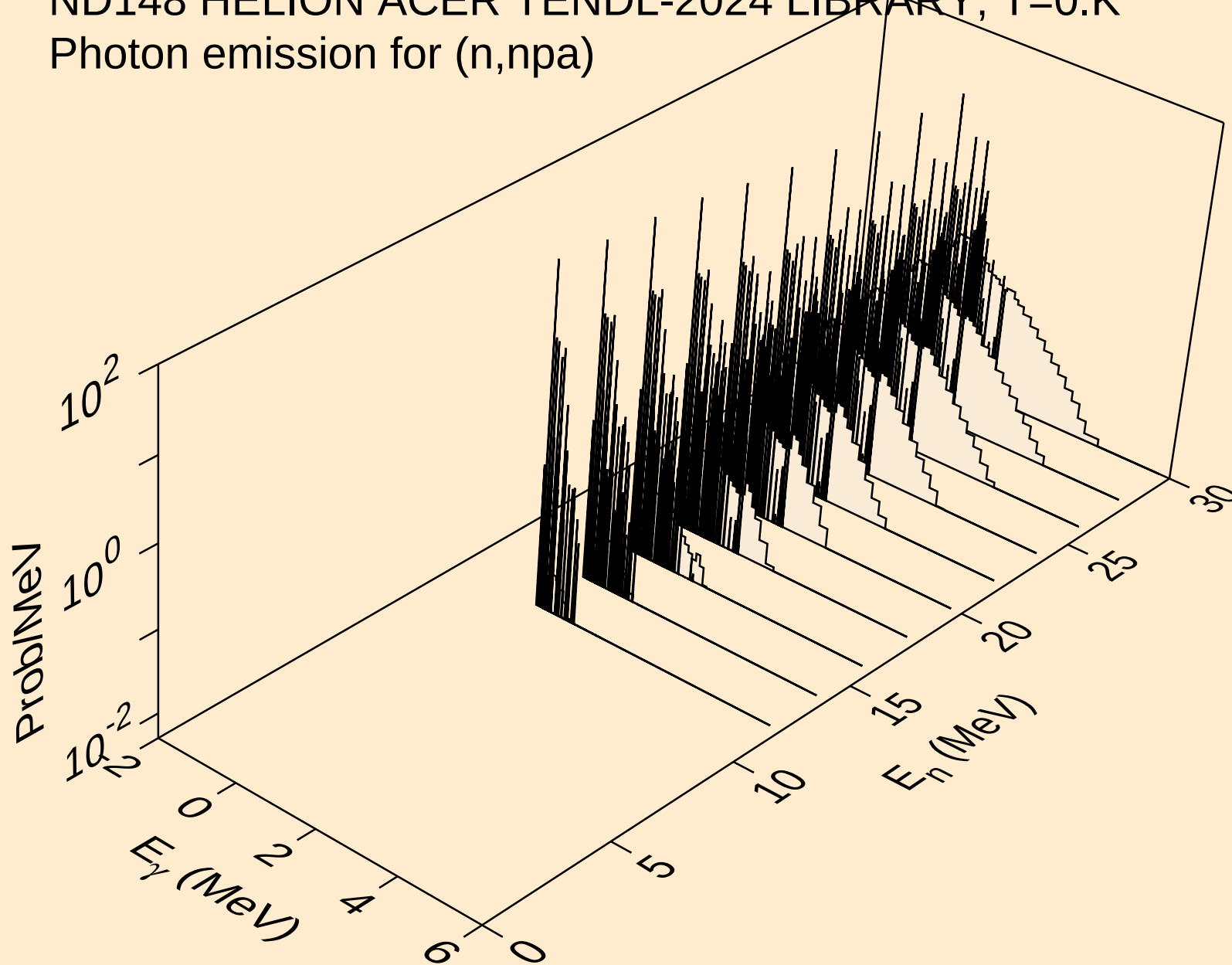
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



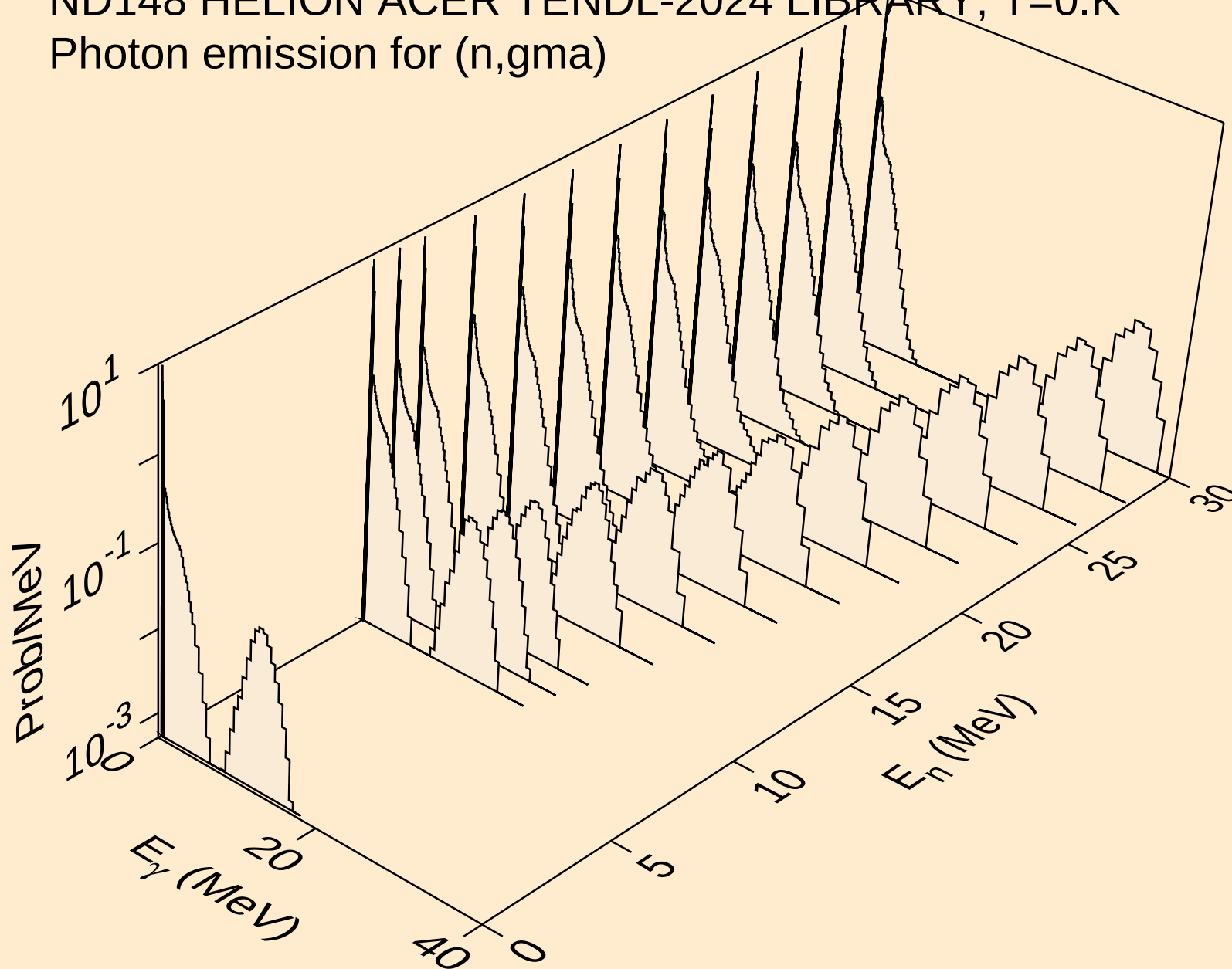
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



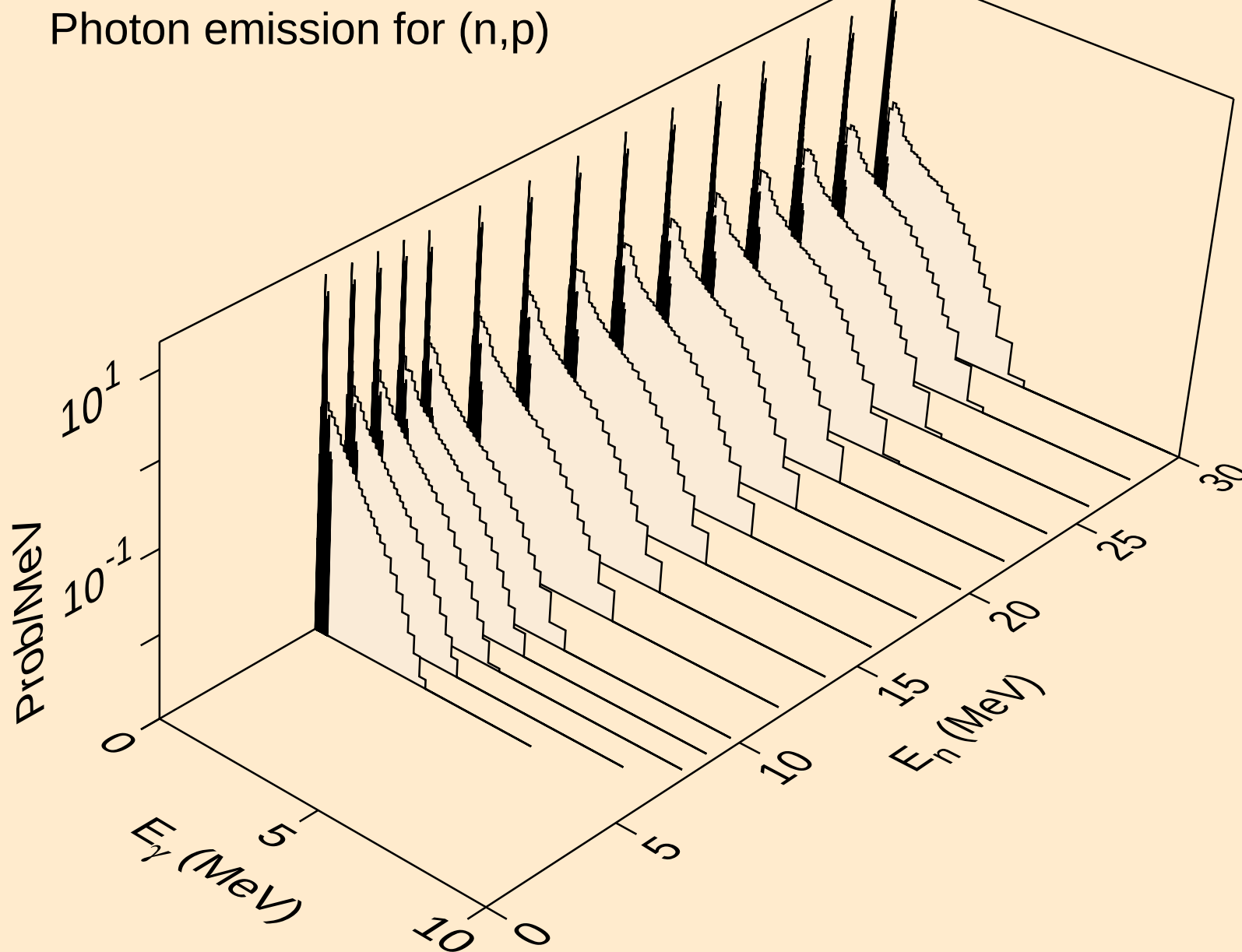
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



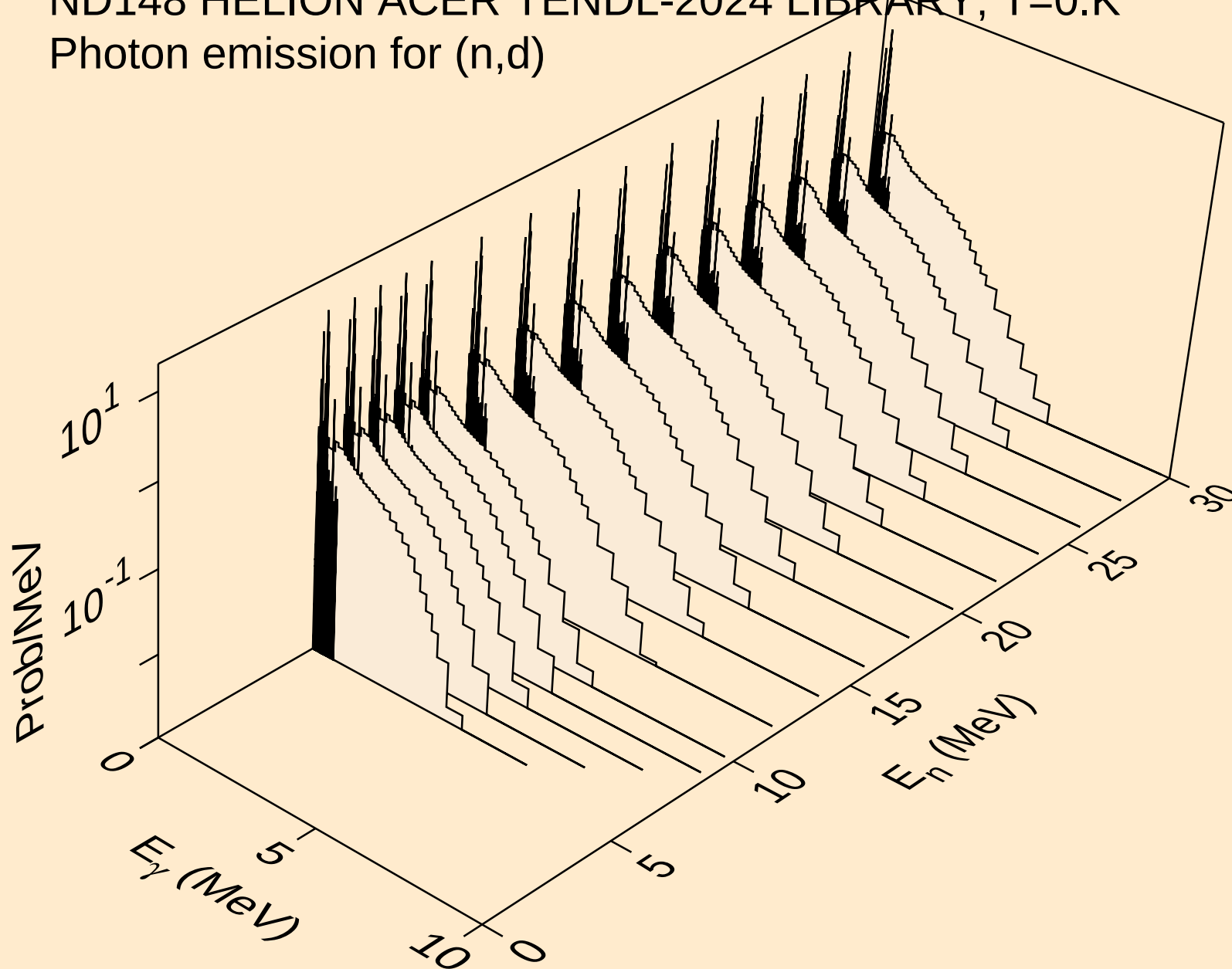
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



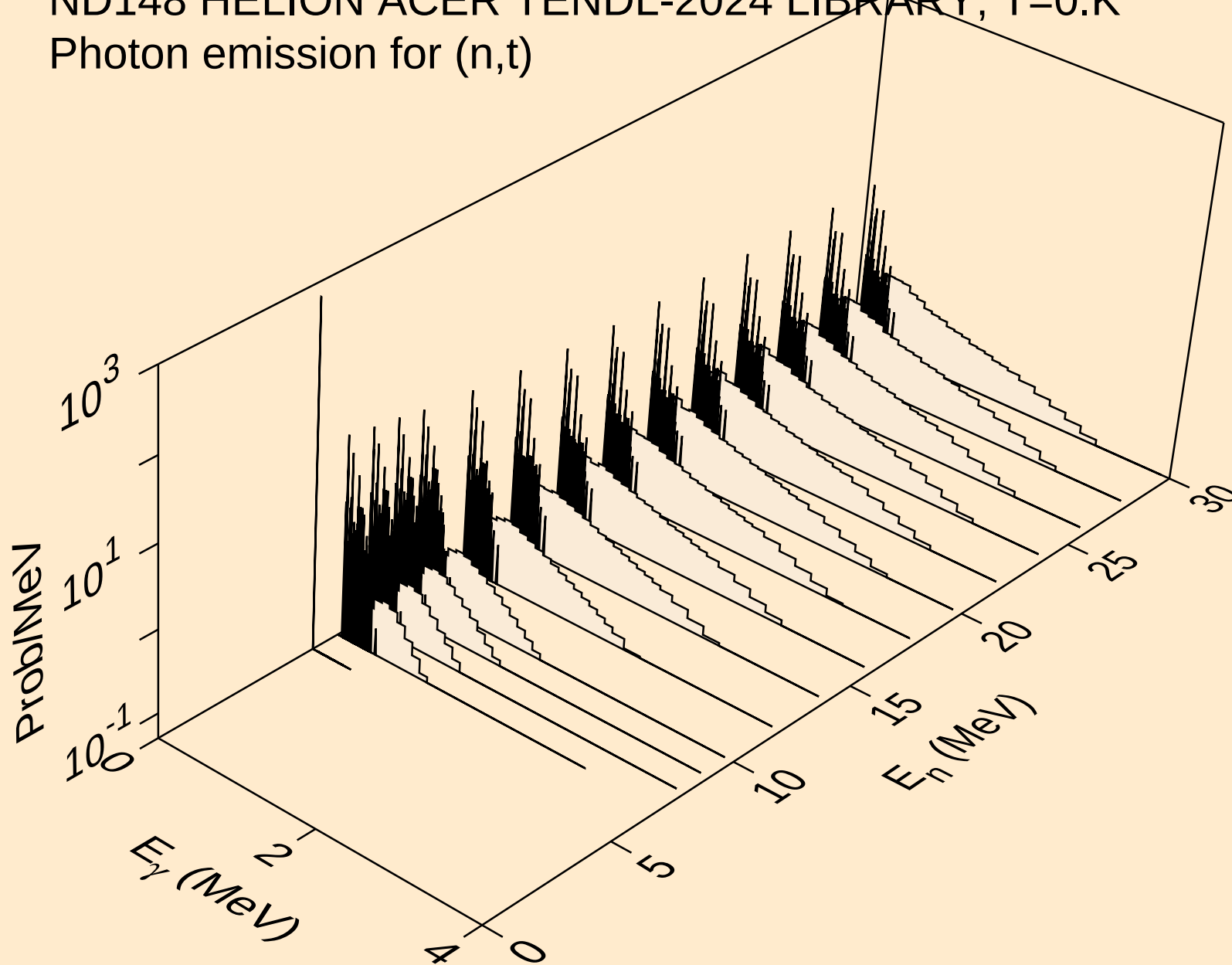
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

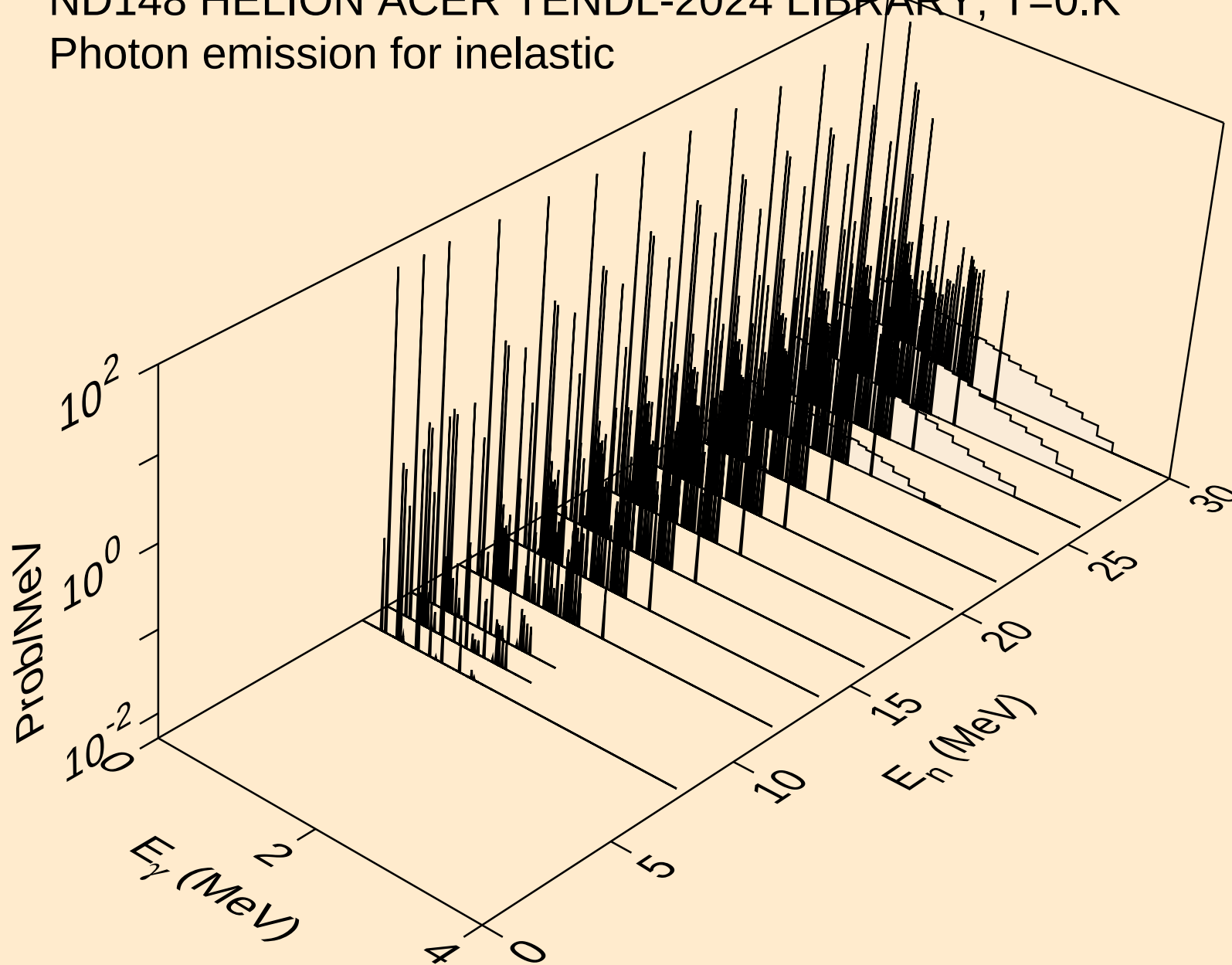


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

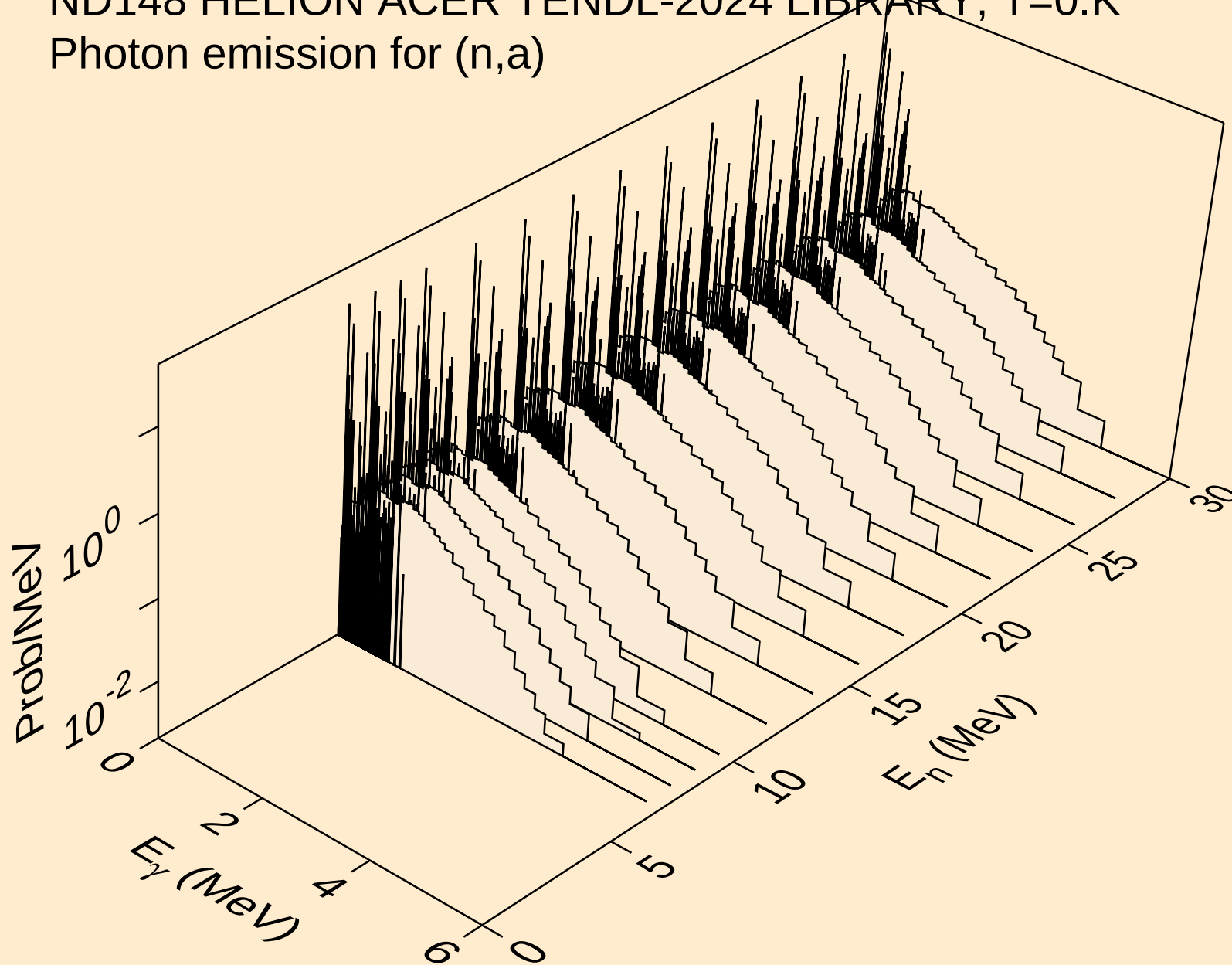




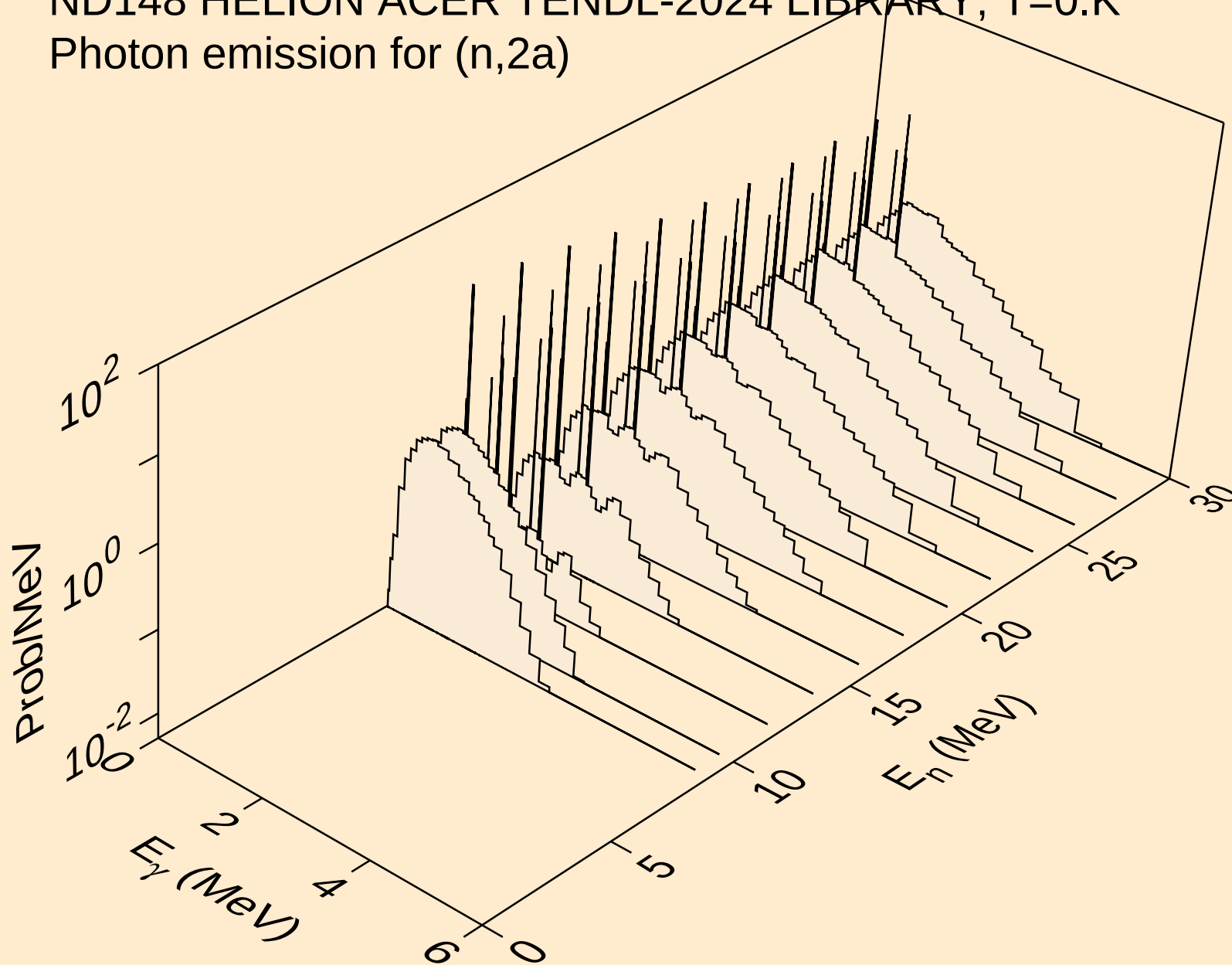
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



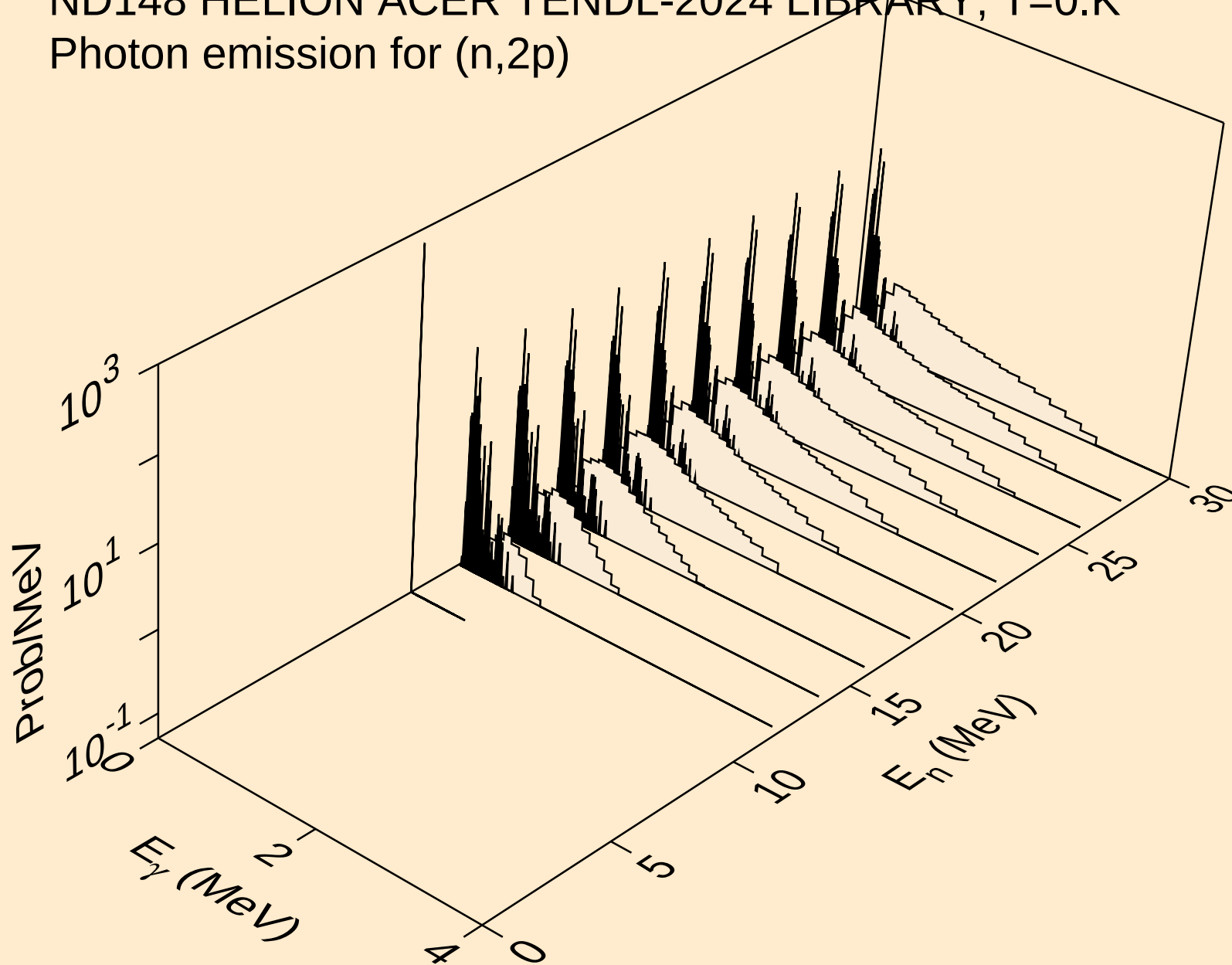
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



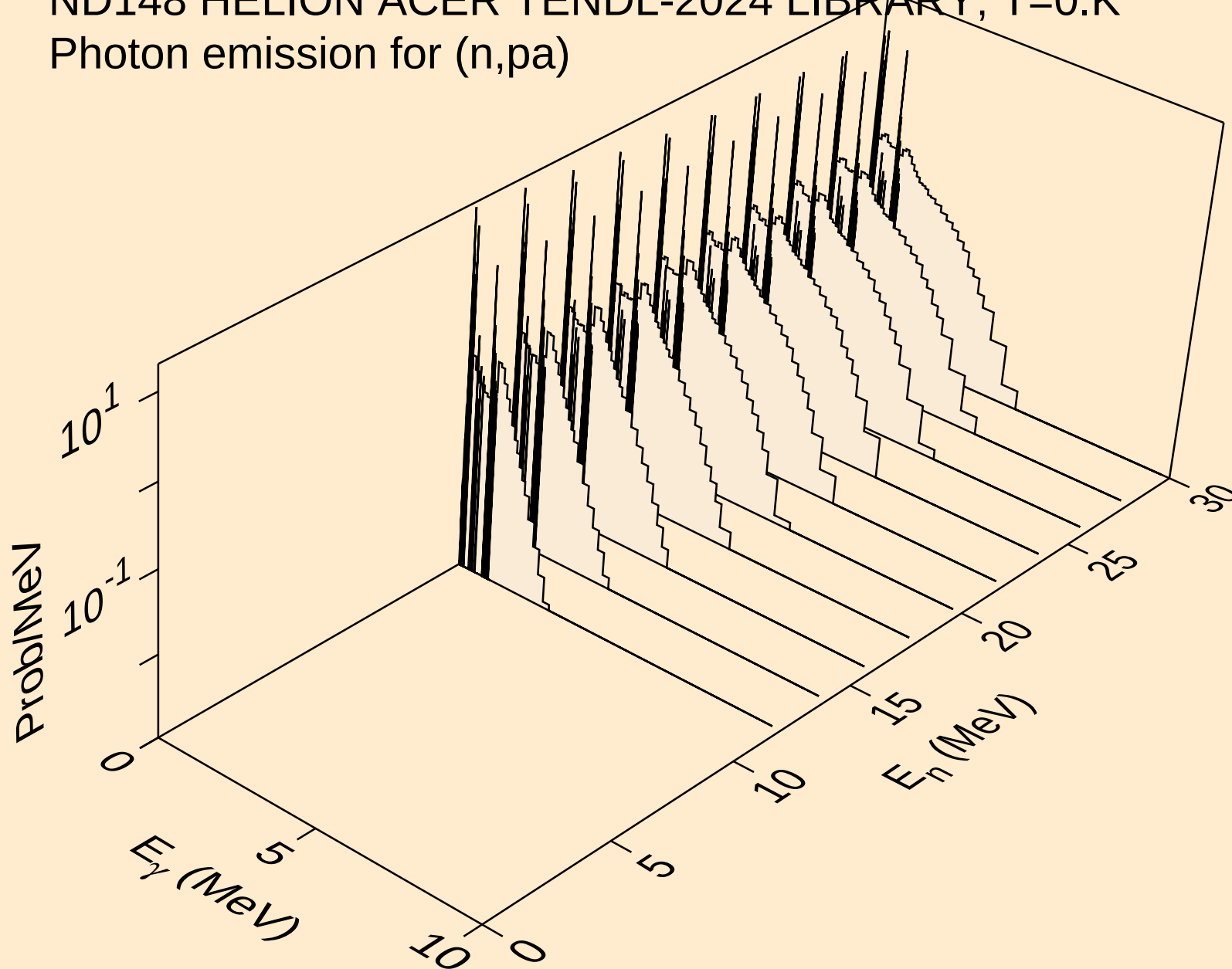
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



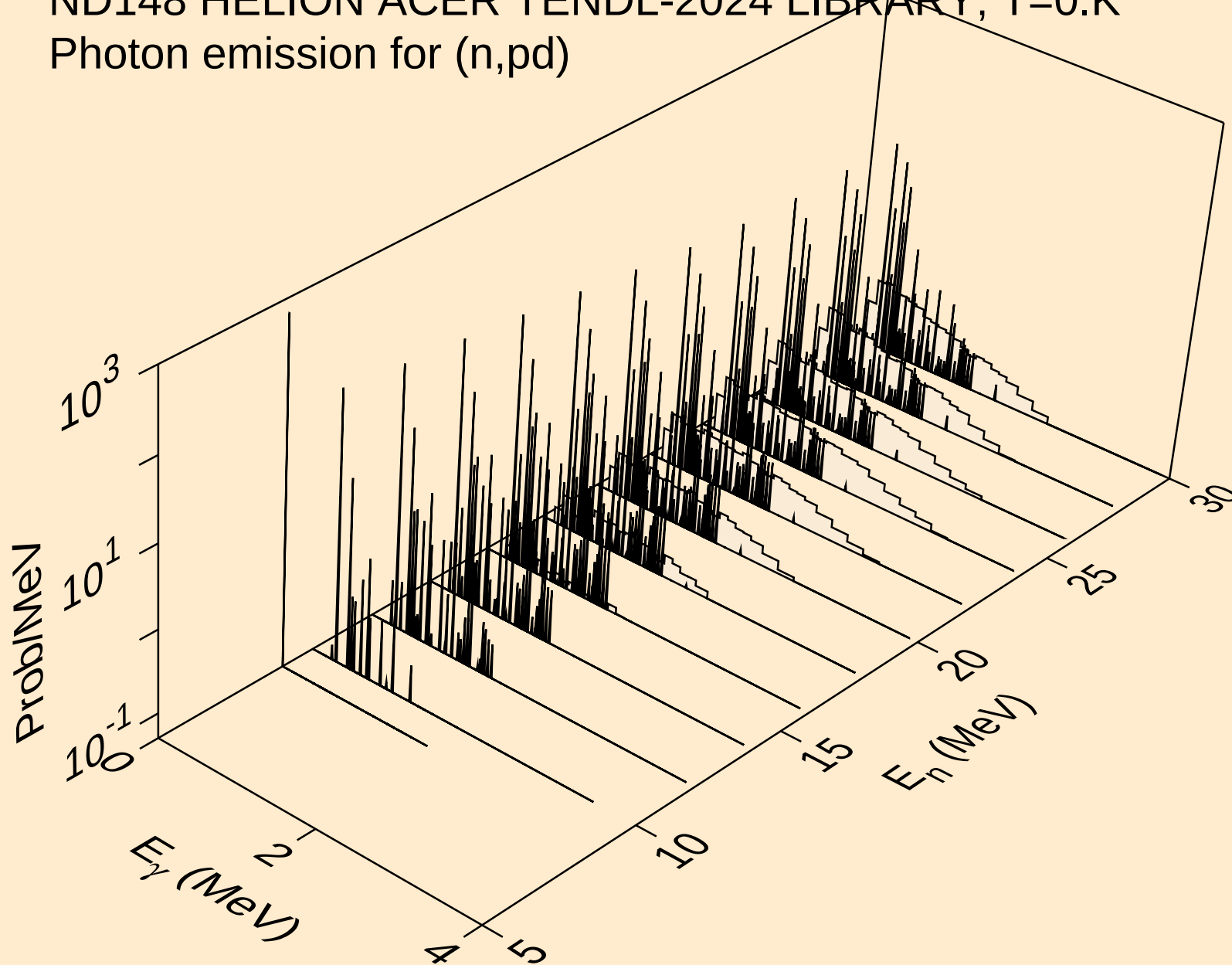
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

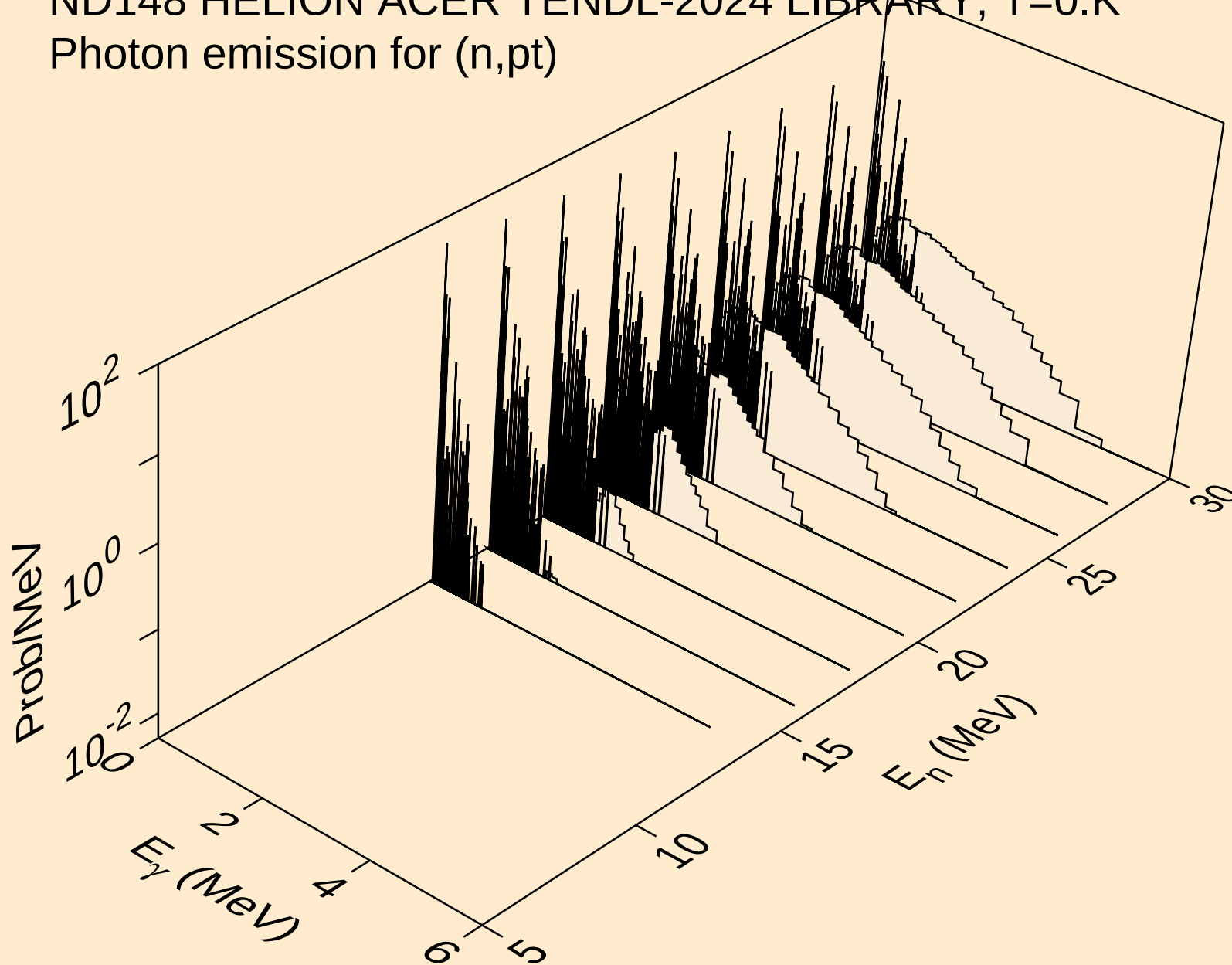


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

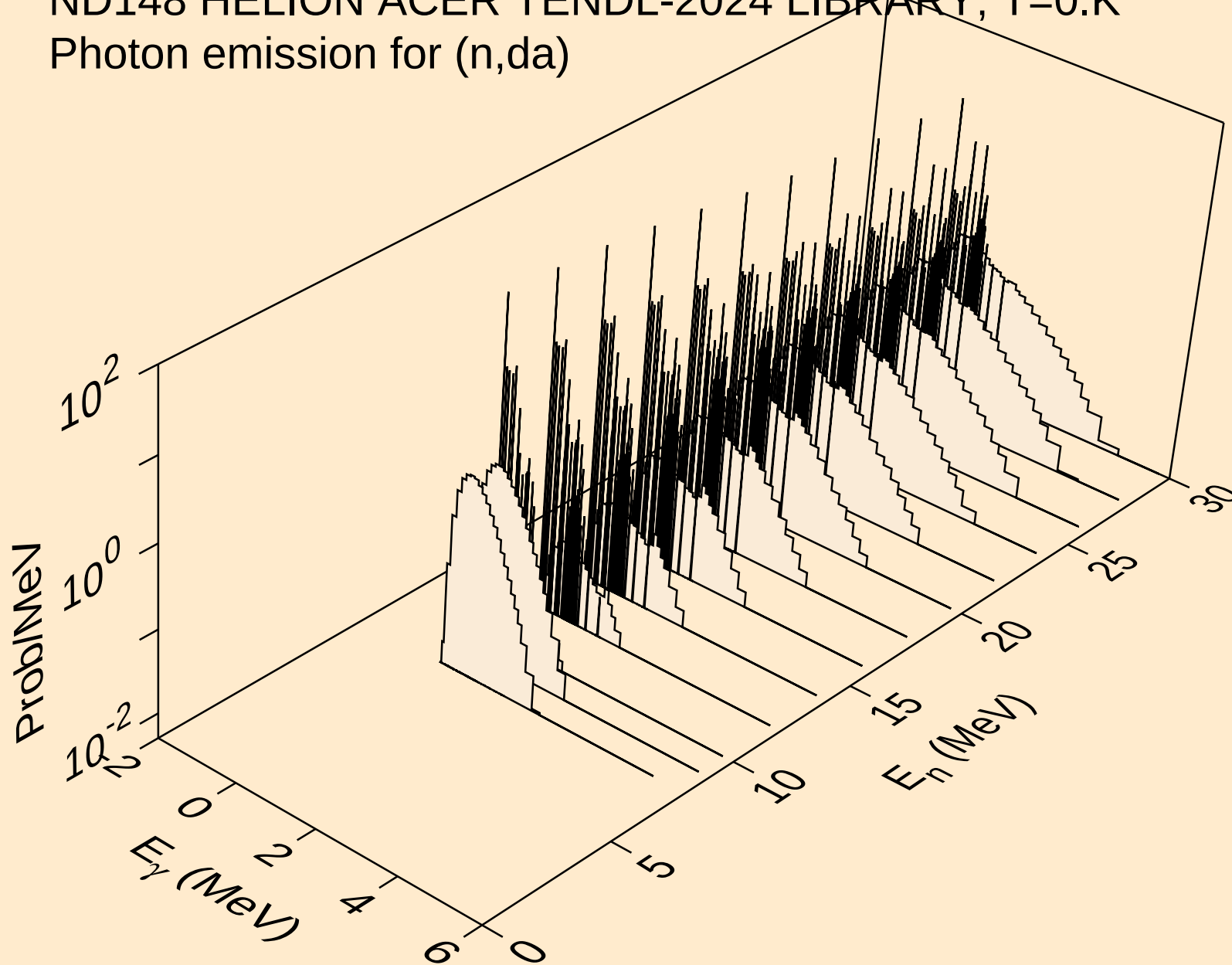


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)



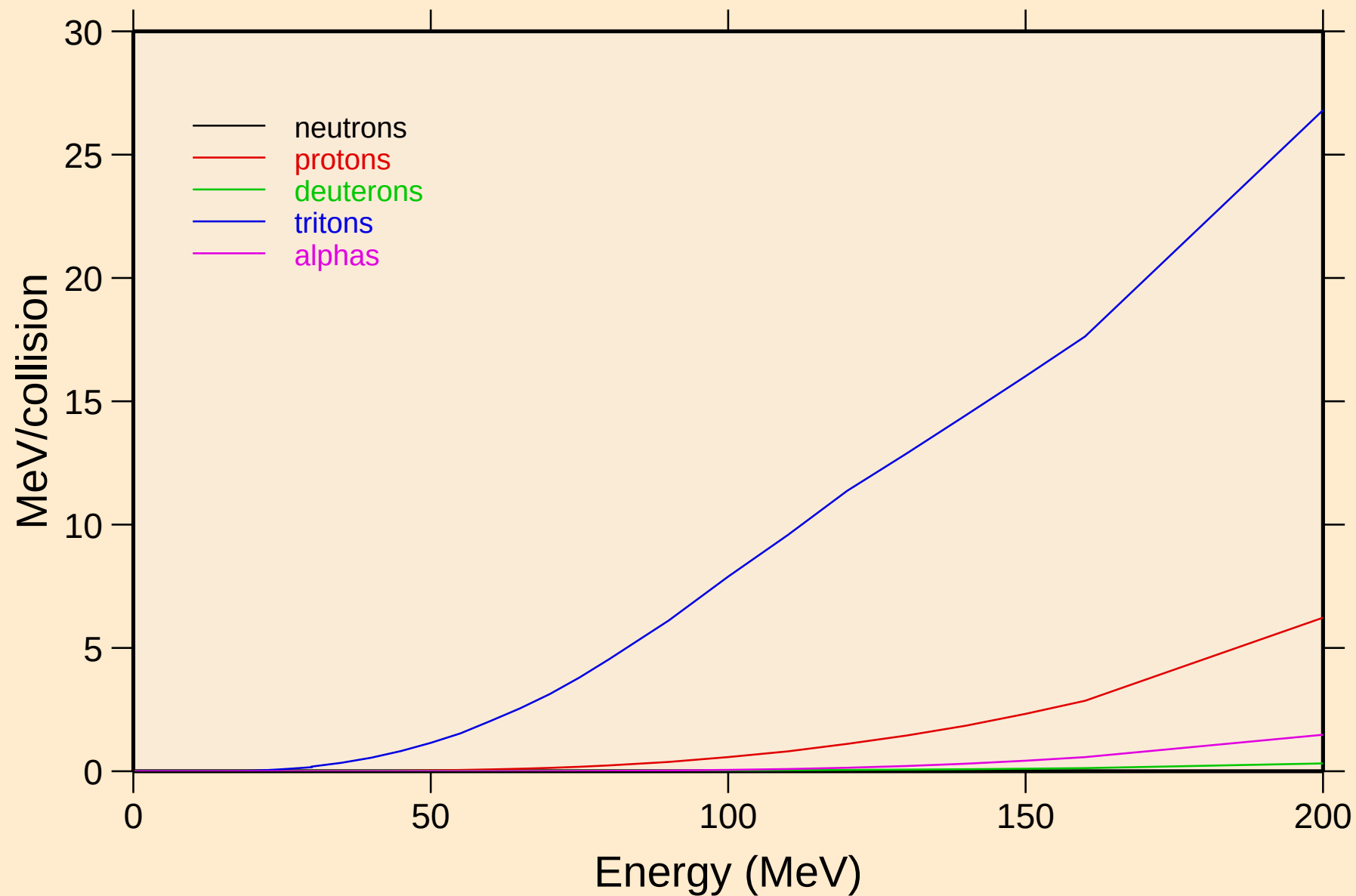
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)





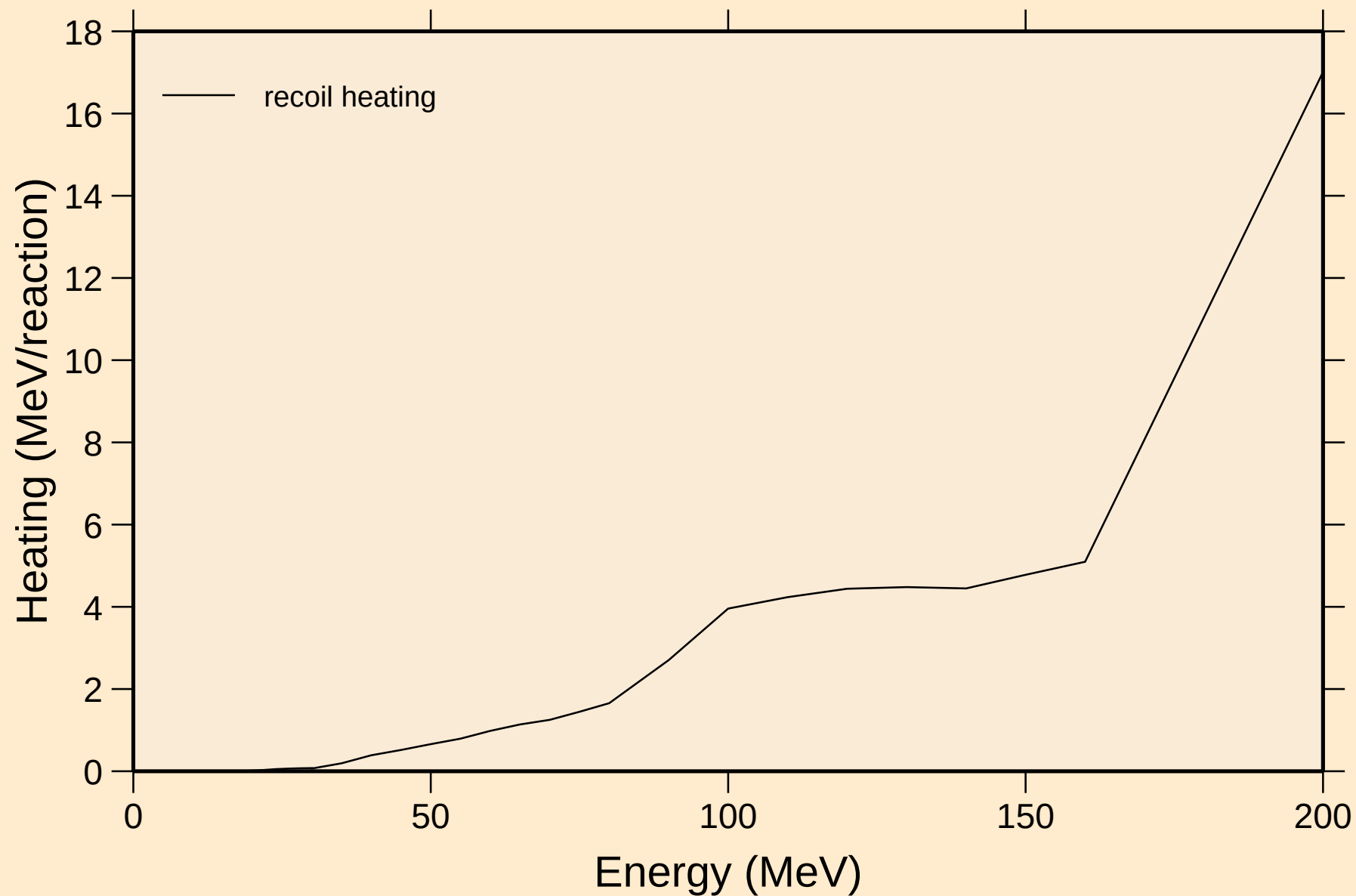
# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



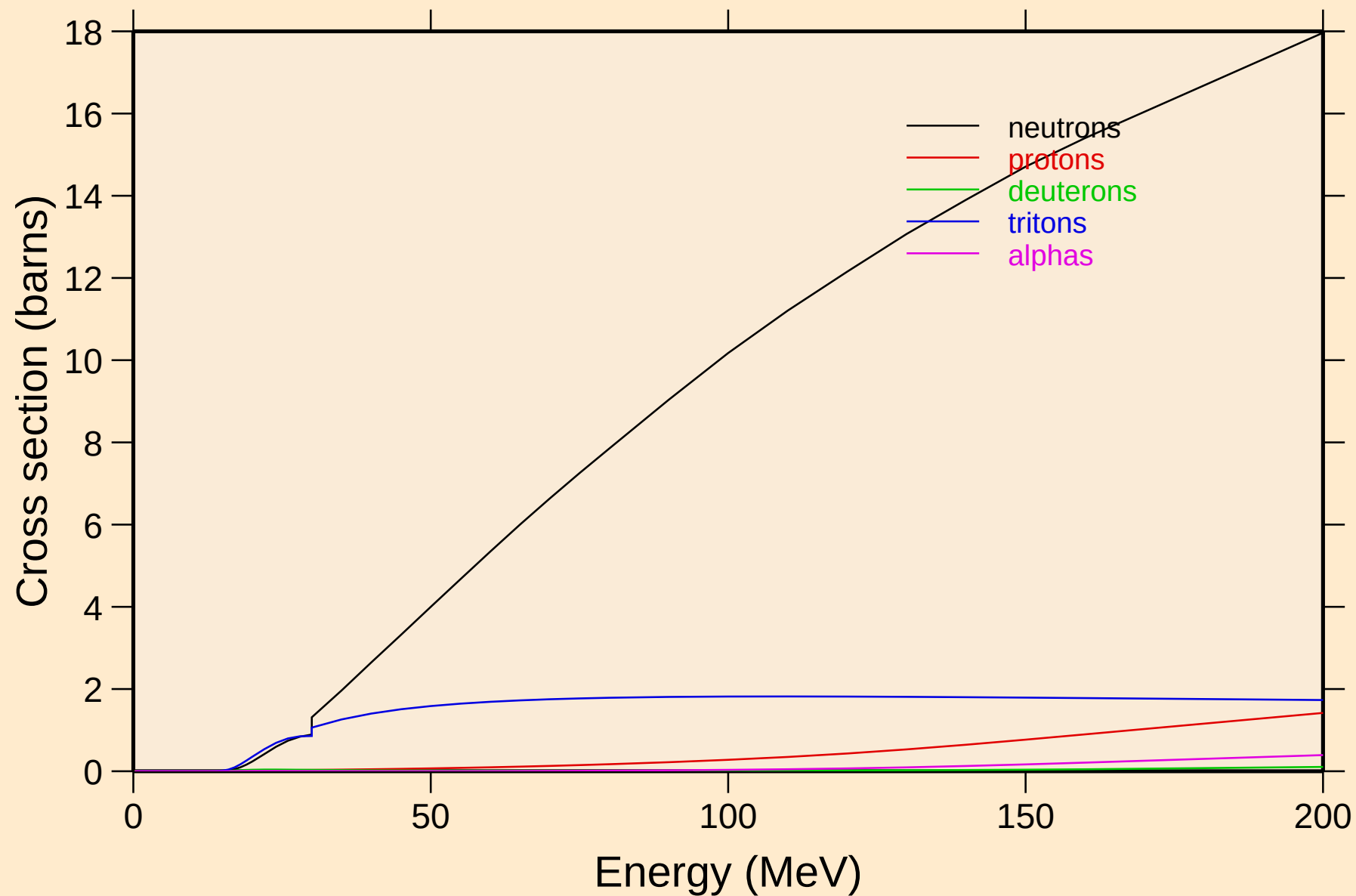
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

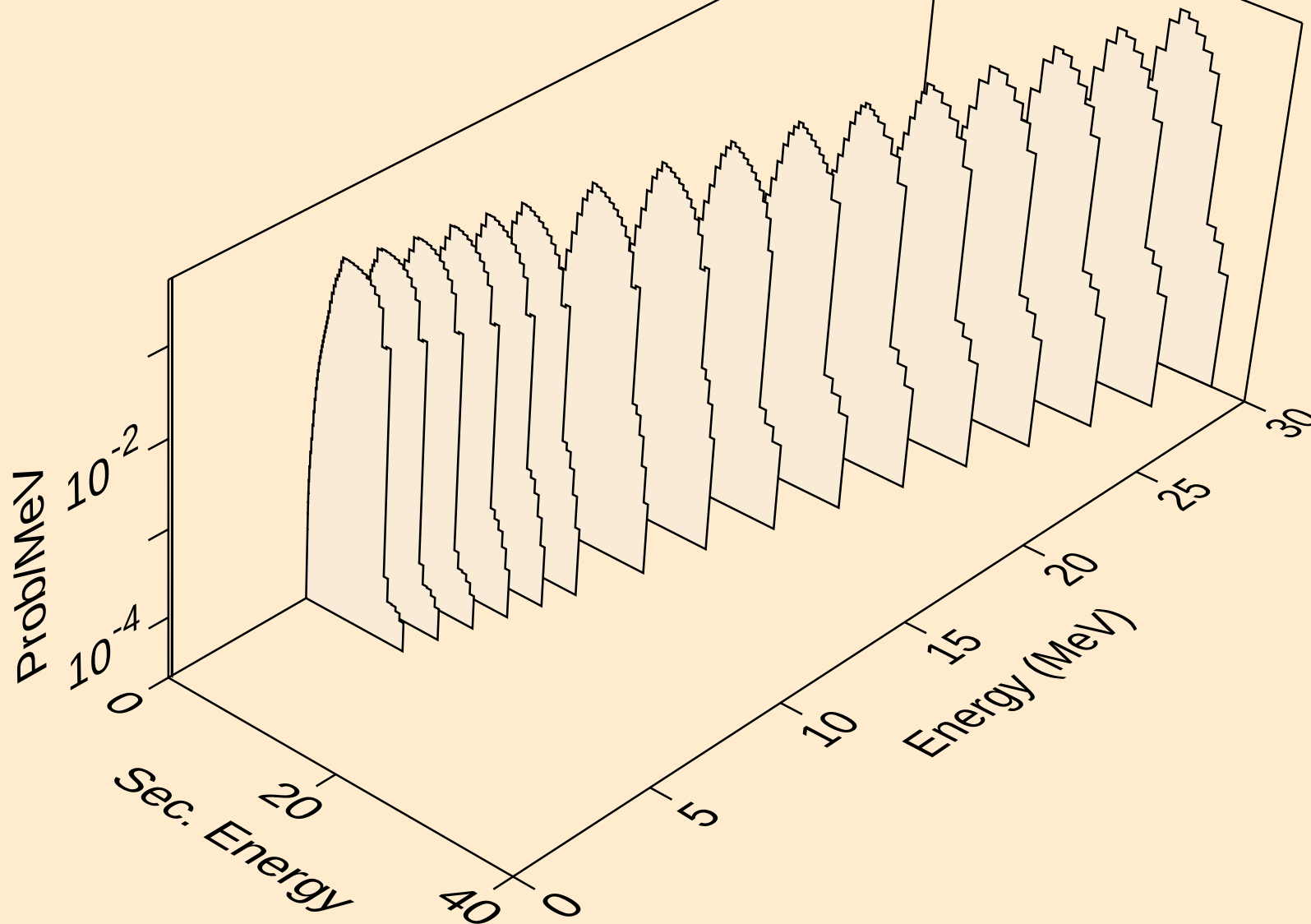


# ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K

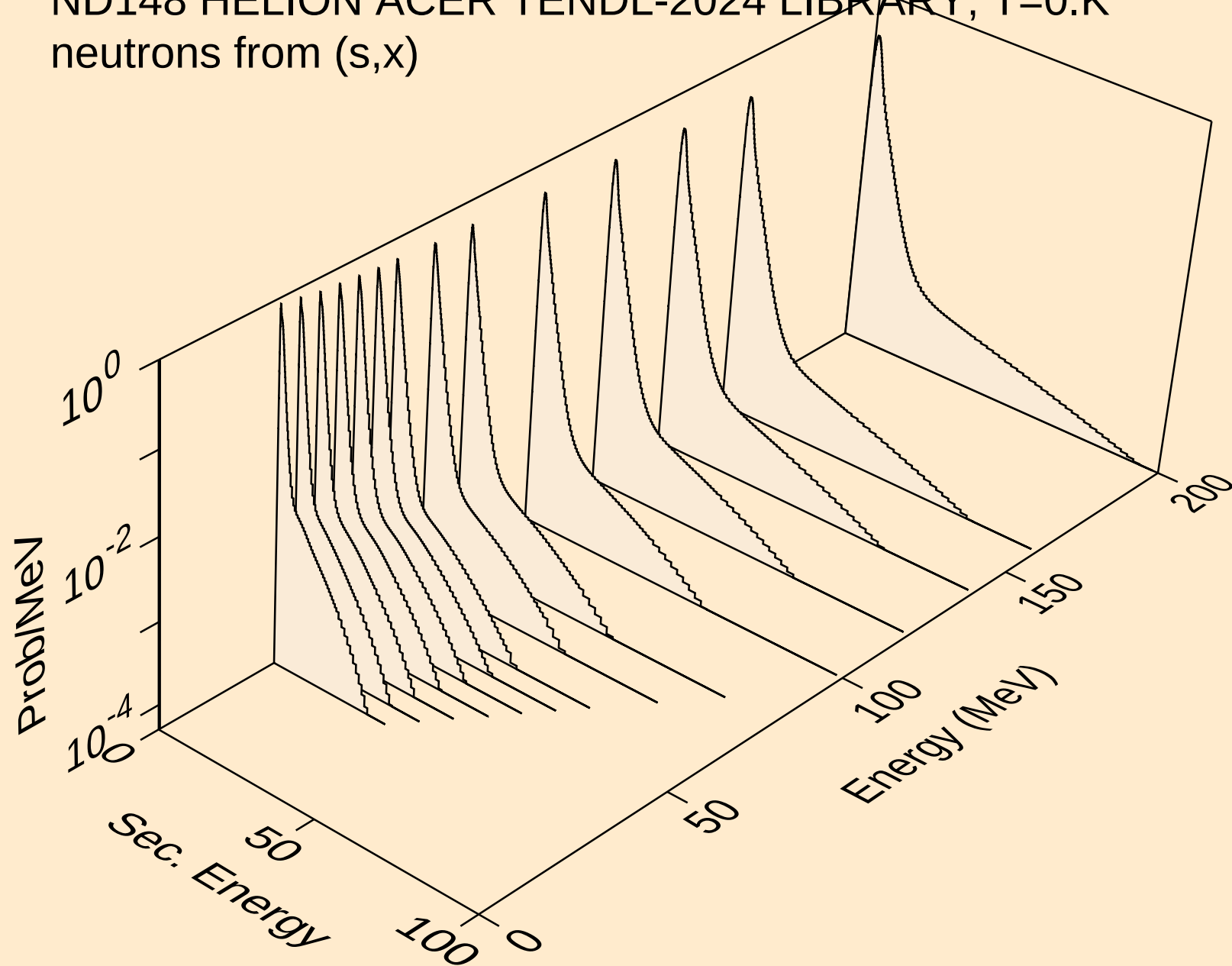
## Particle production cross sections



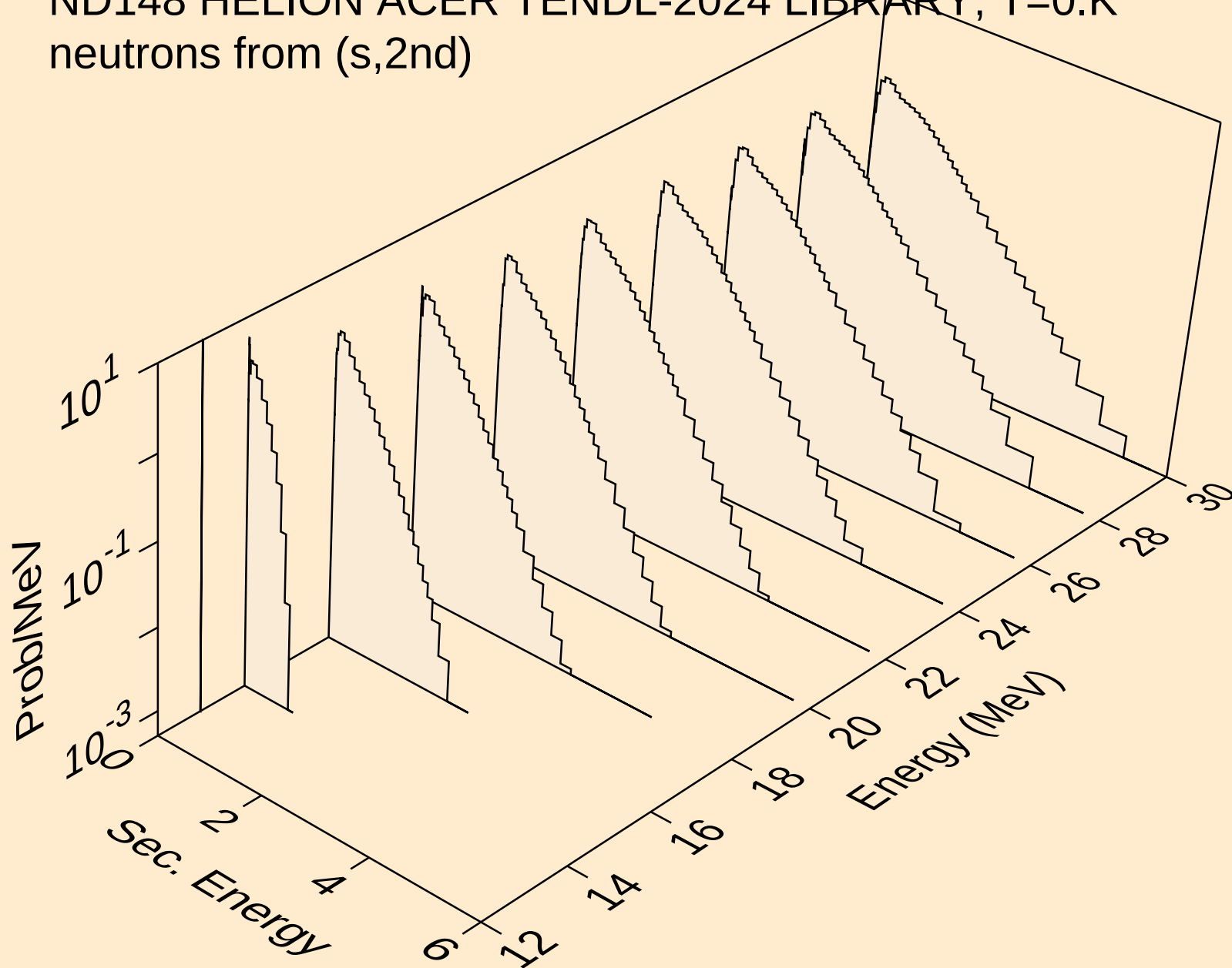
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



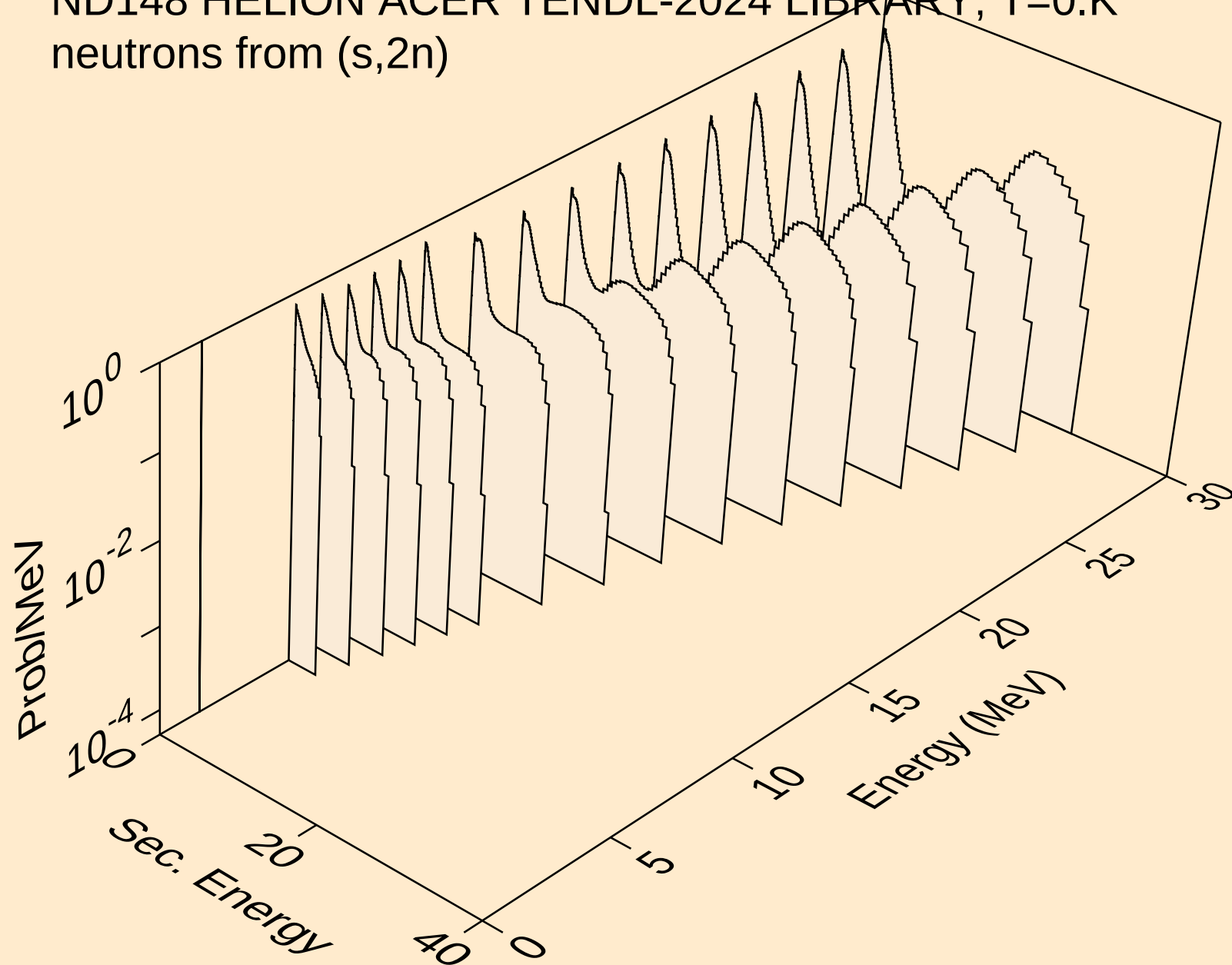
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



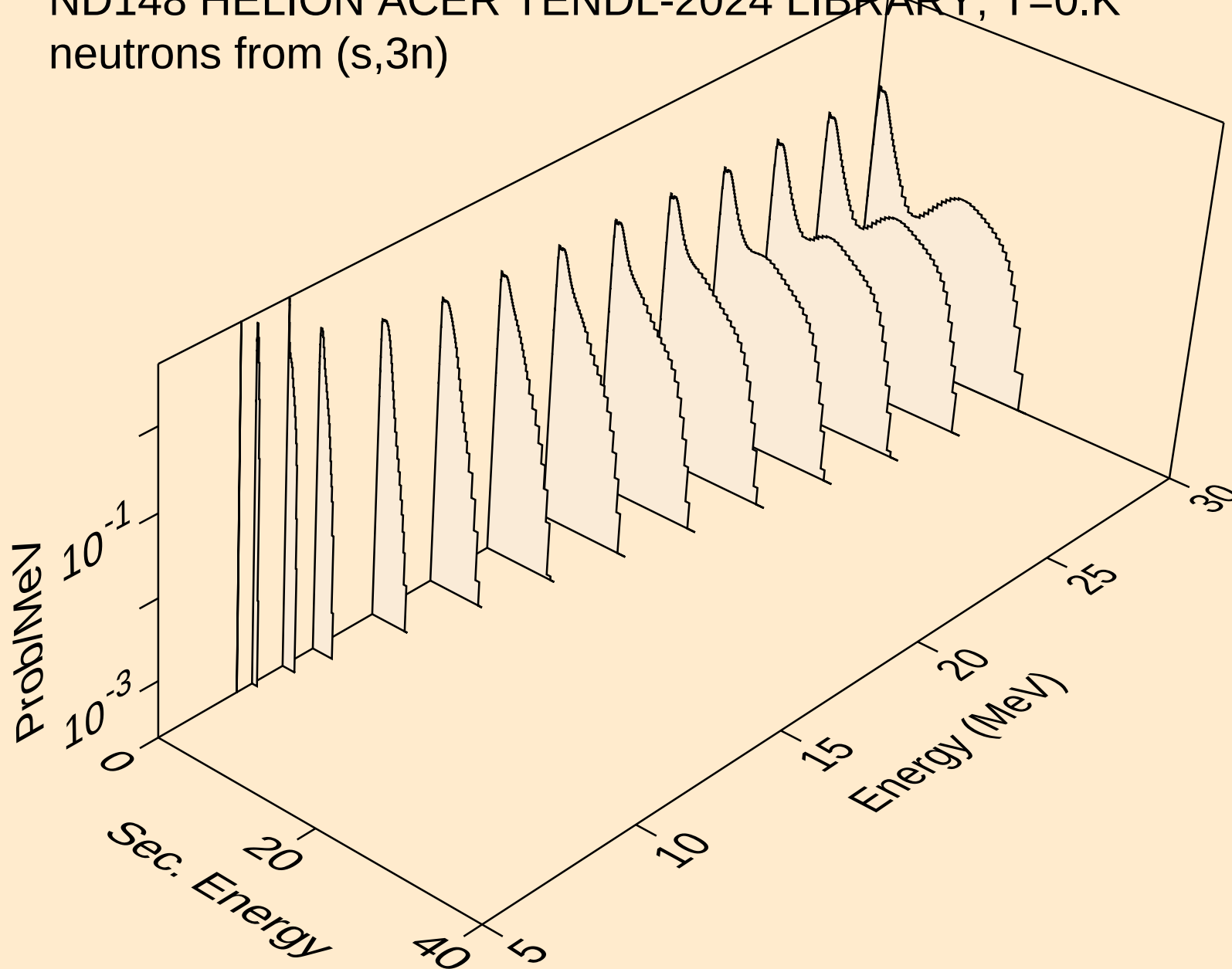
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)

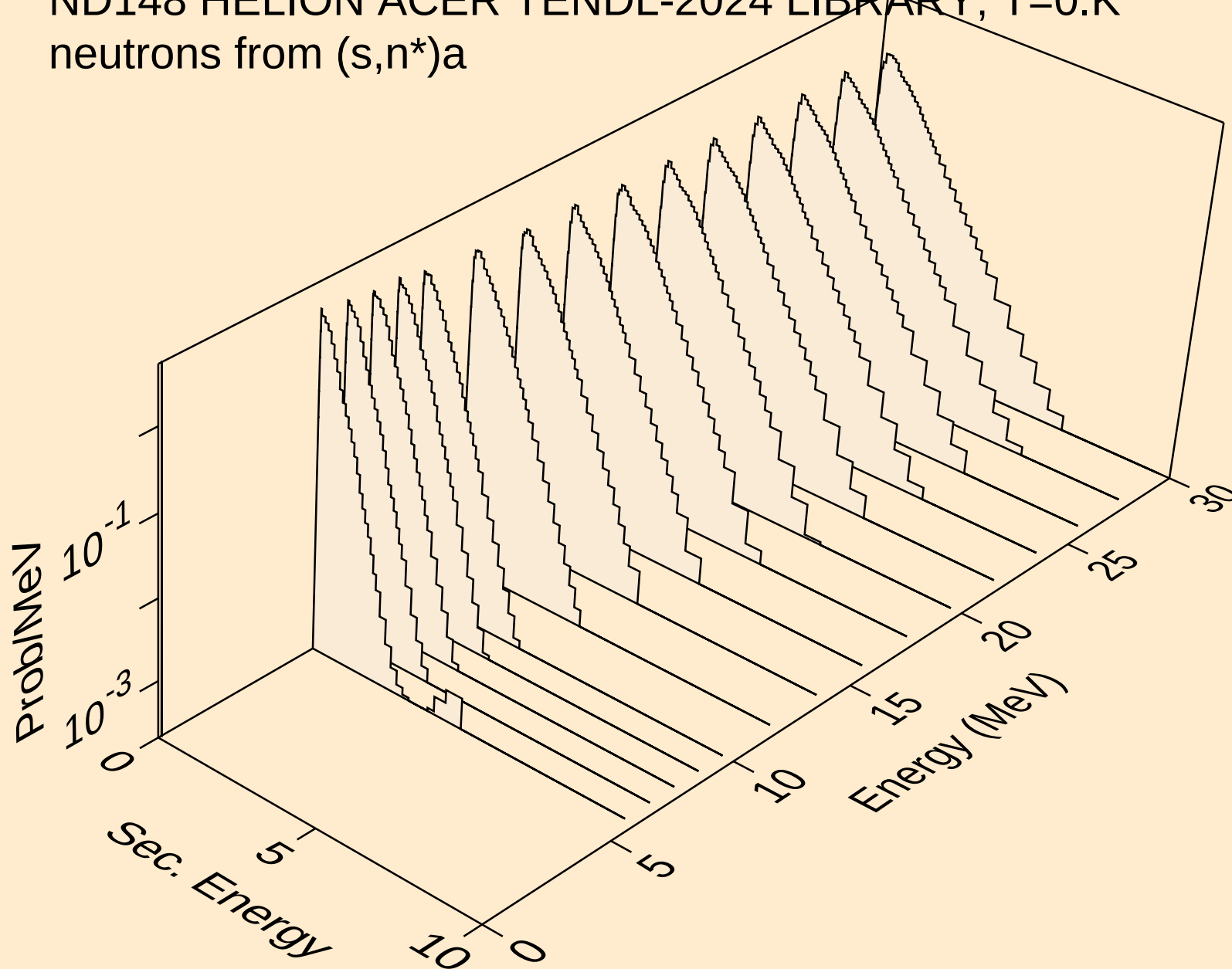


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)

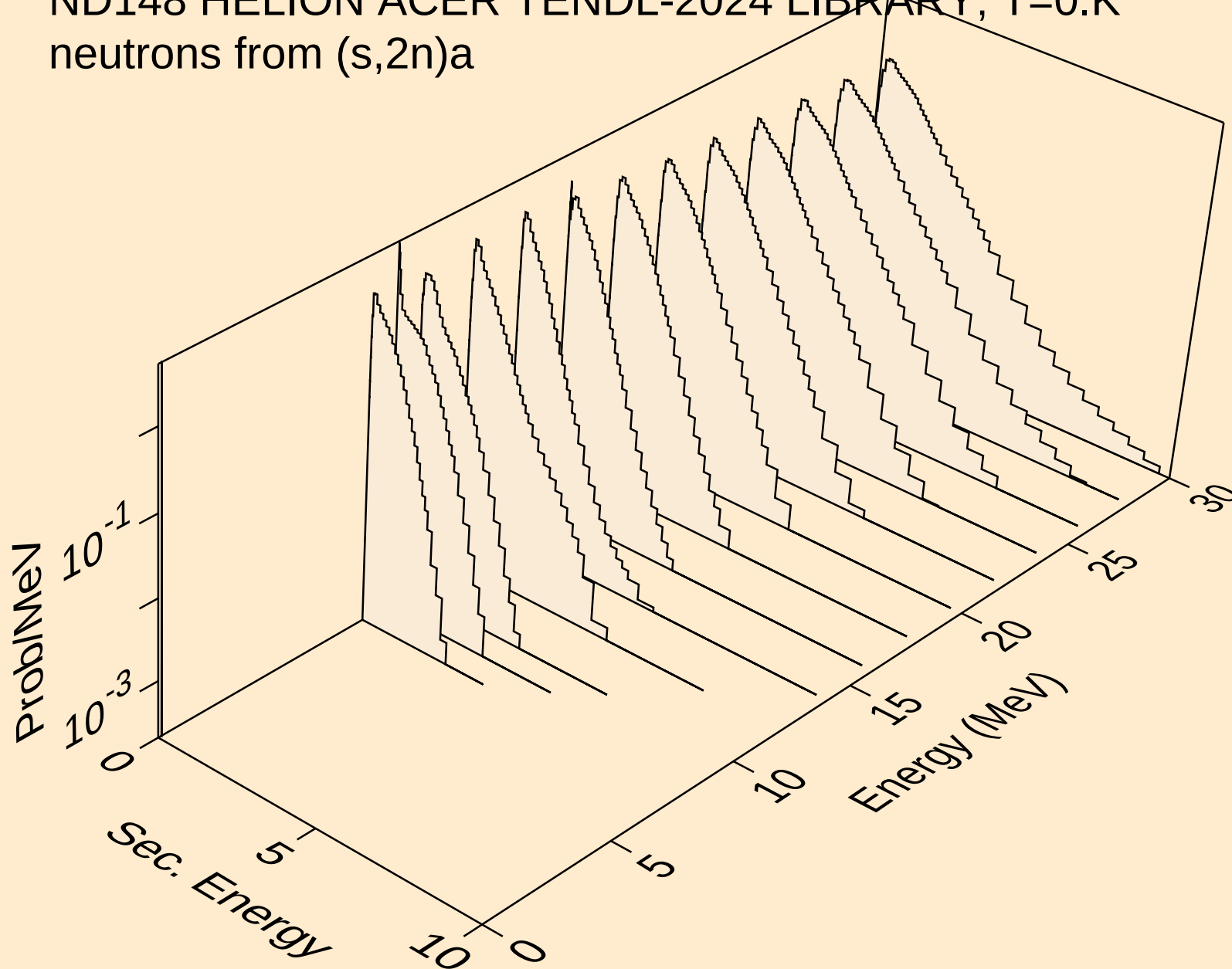




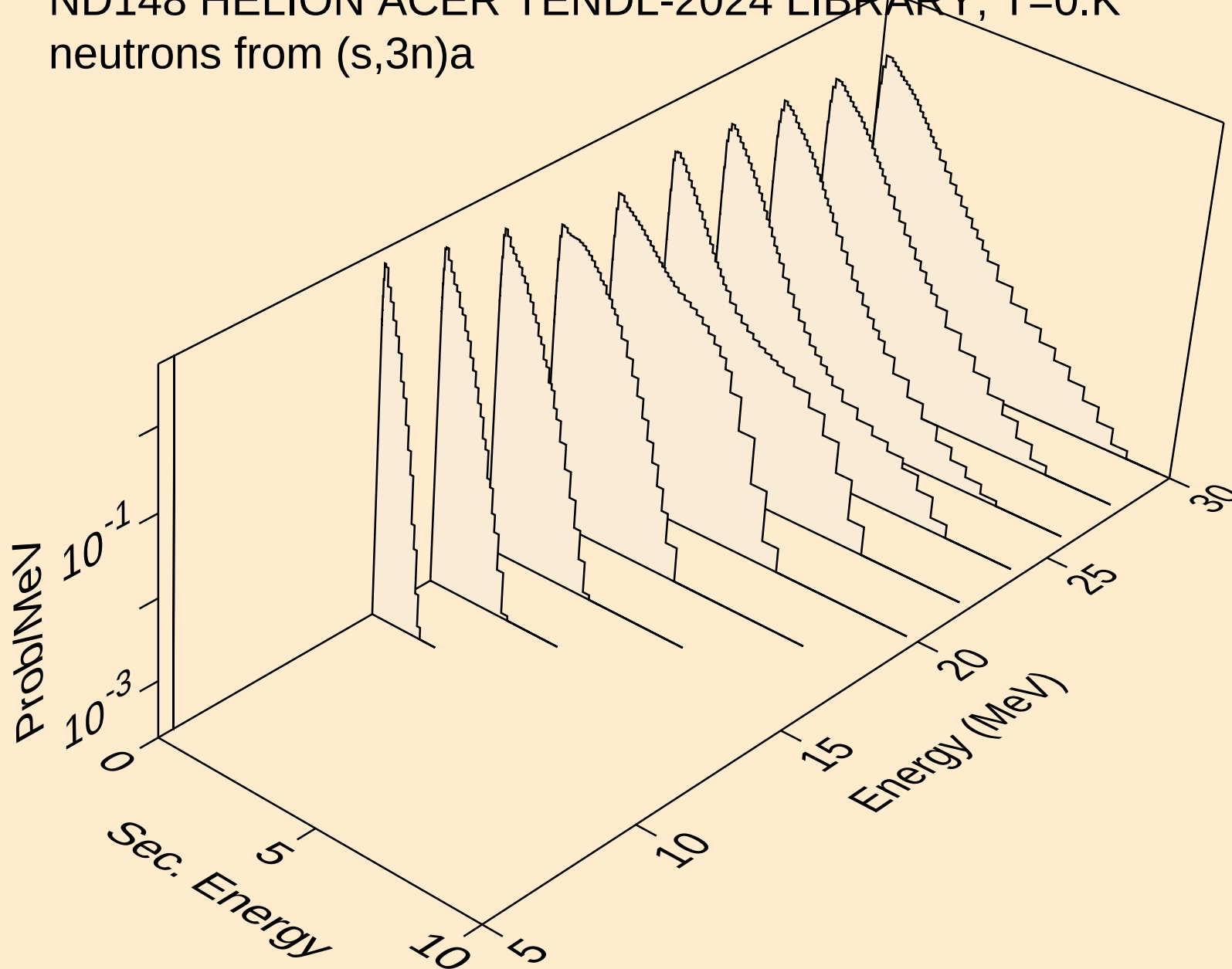
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



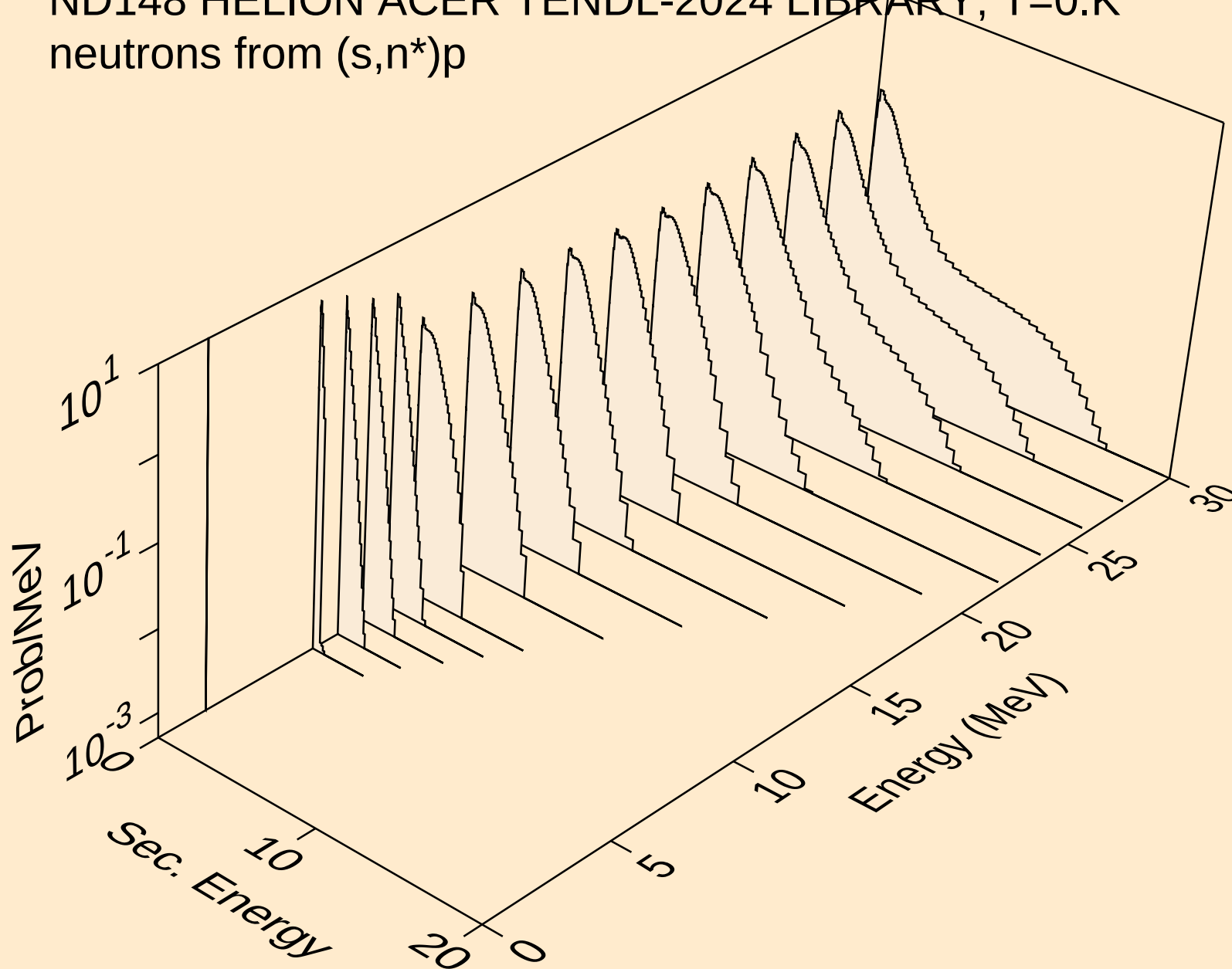
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



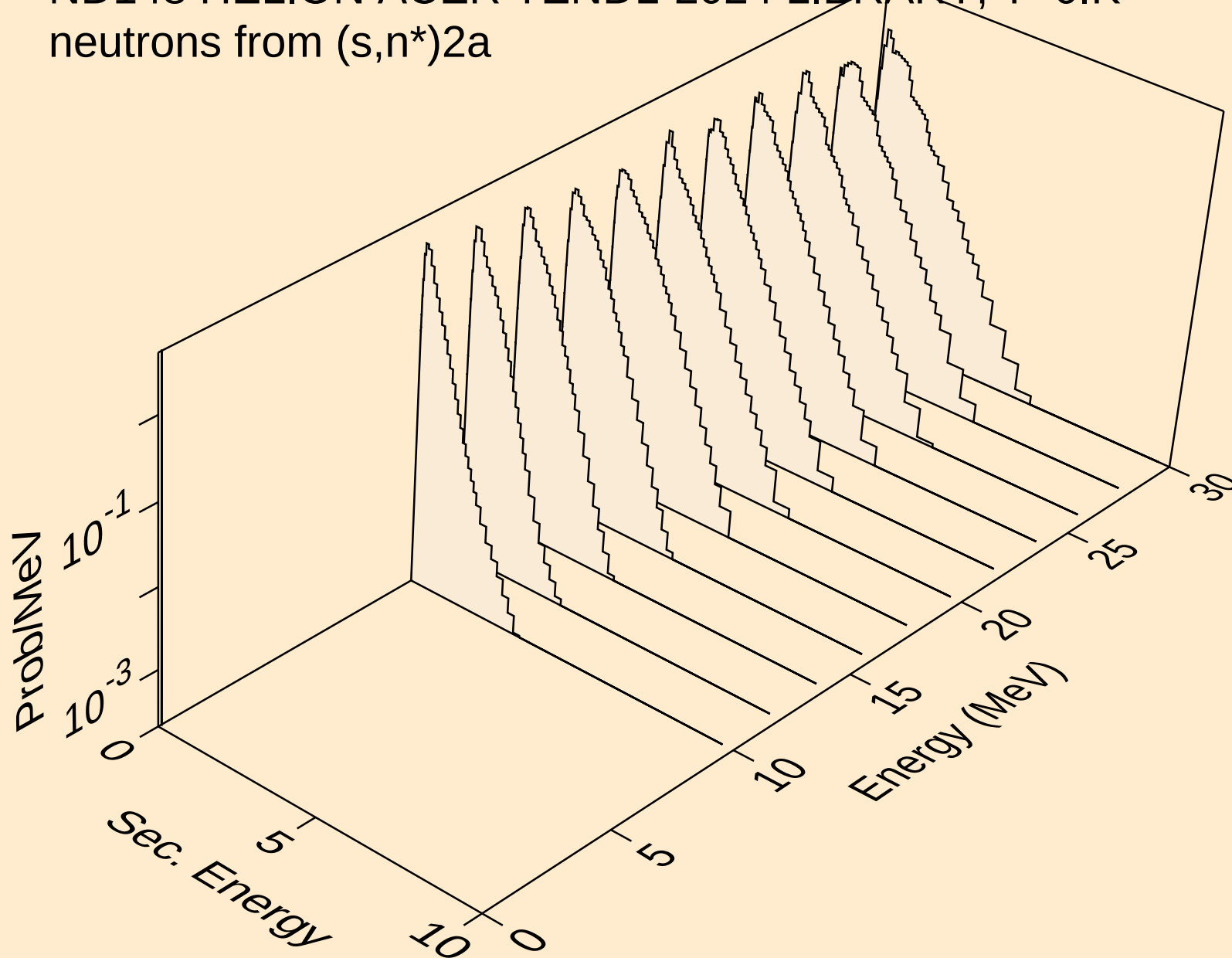
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



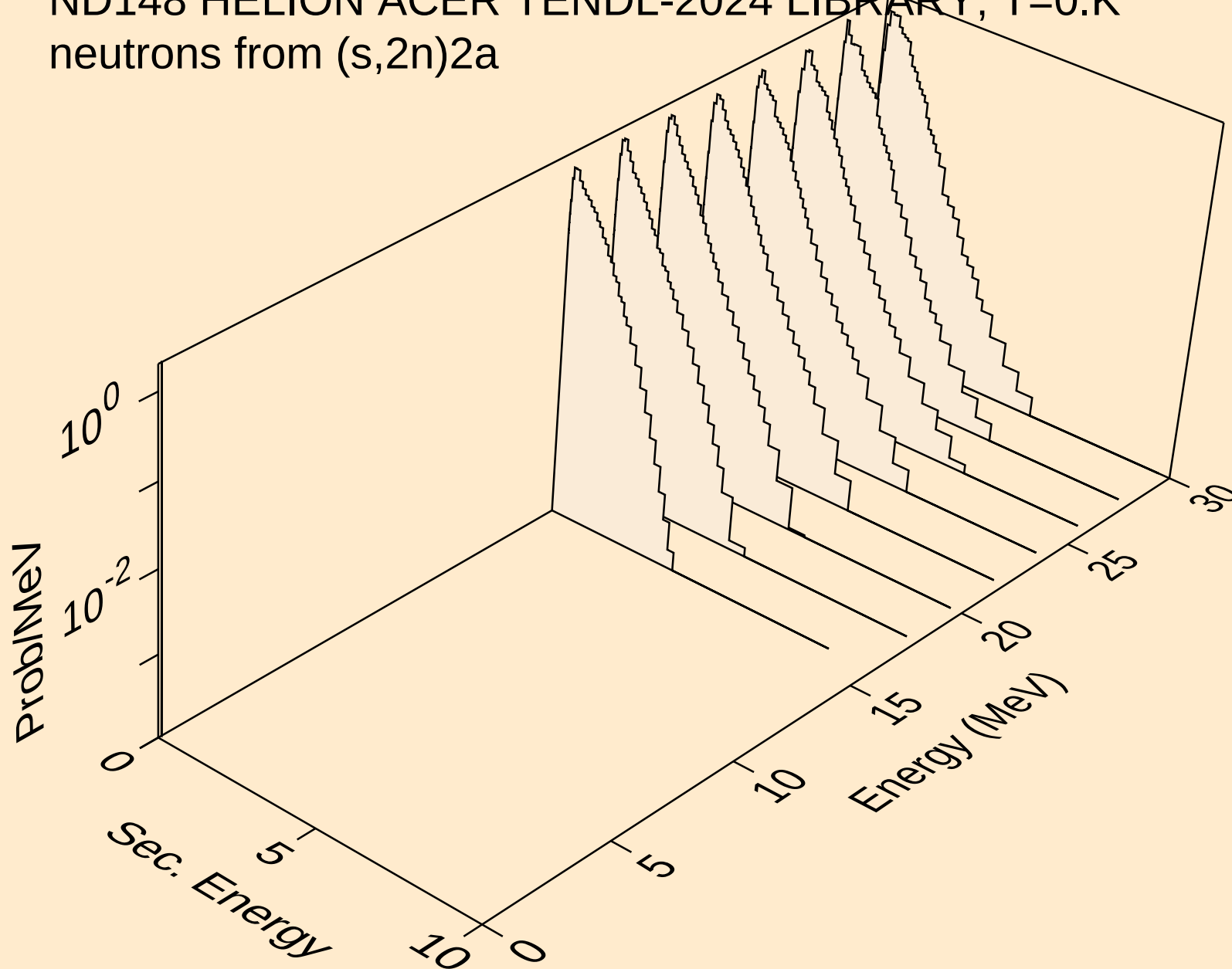
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



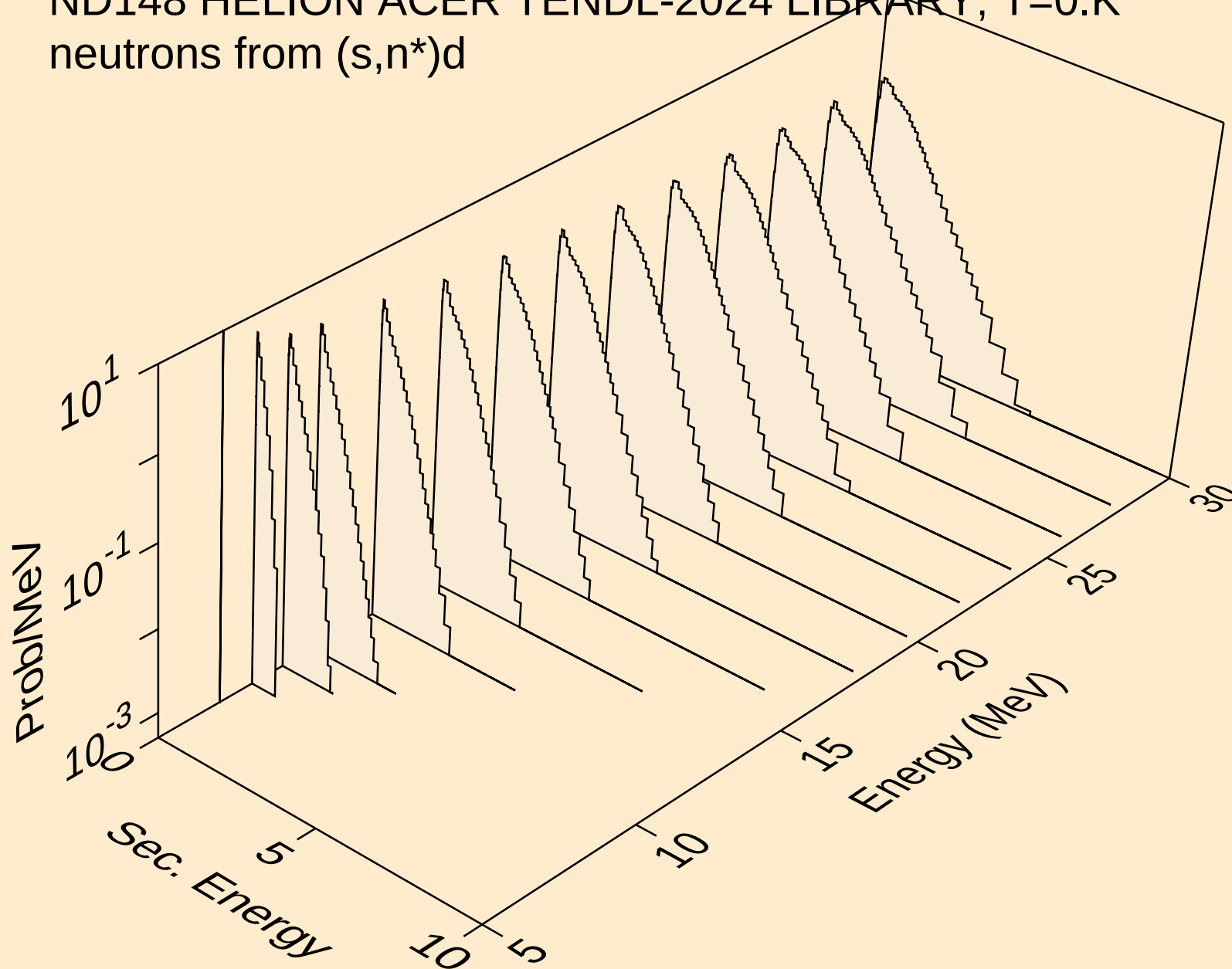
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



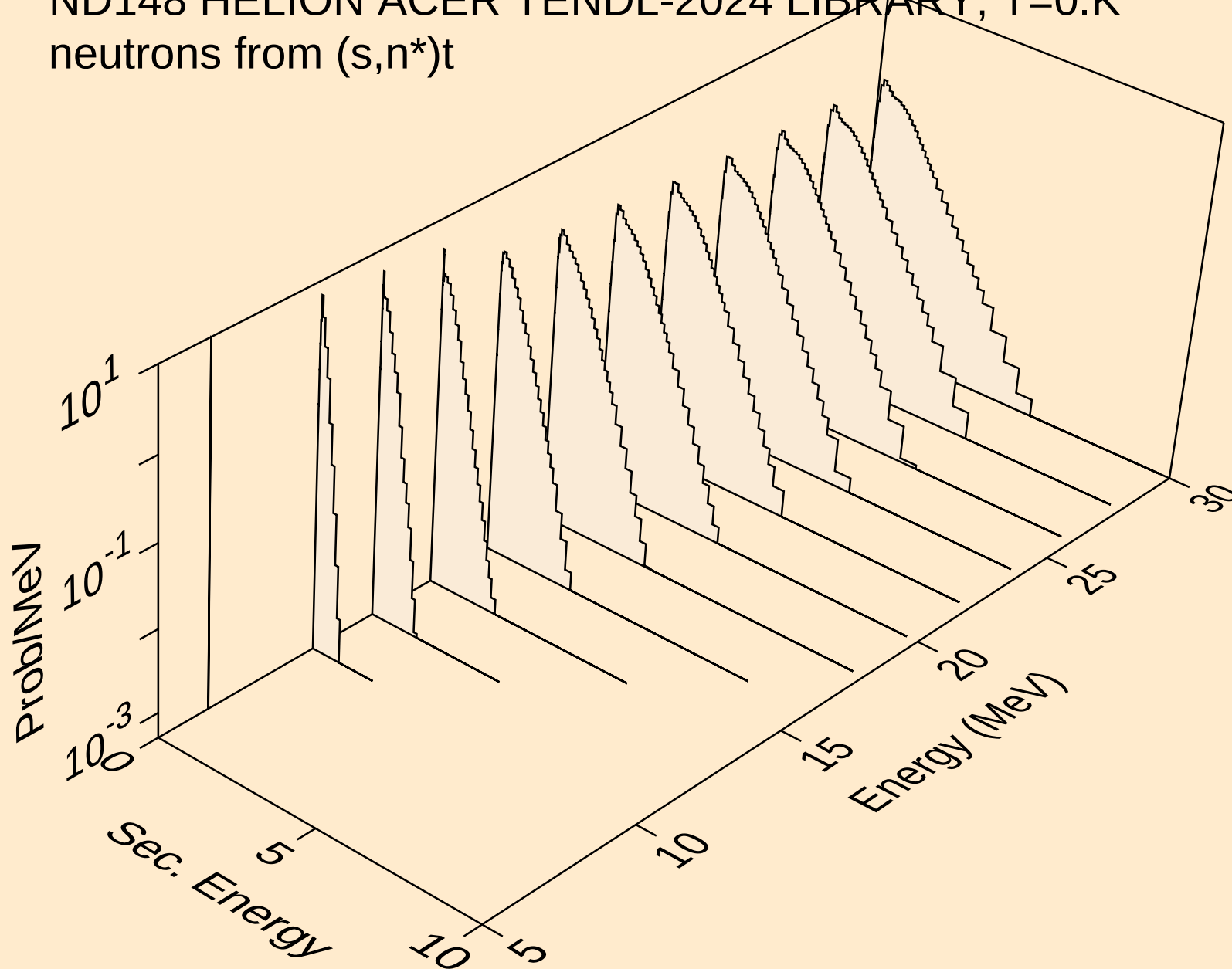
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d

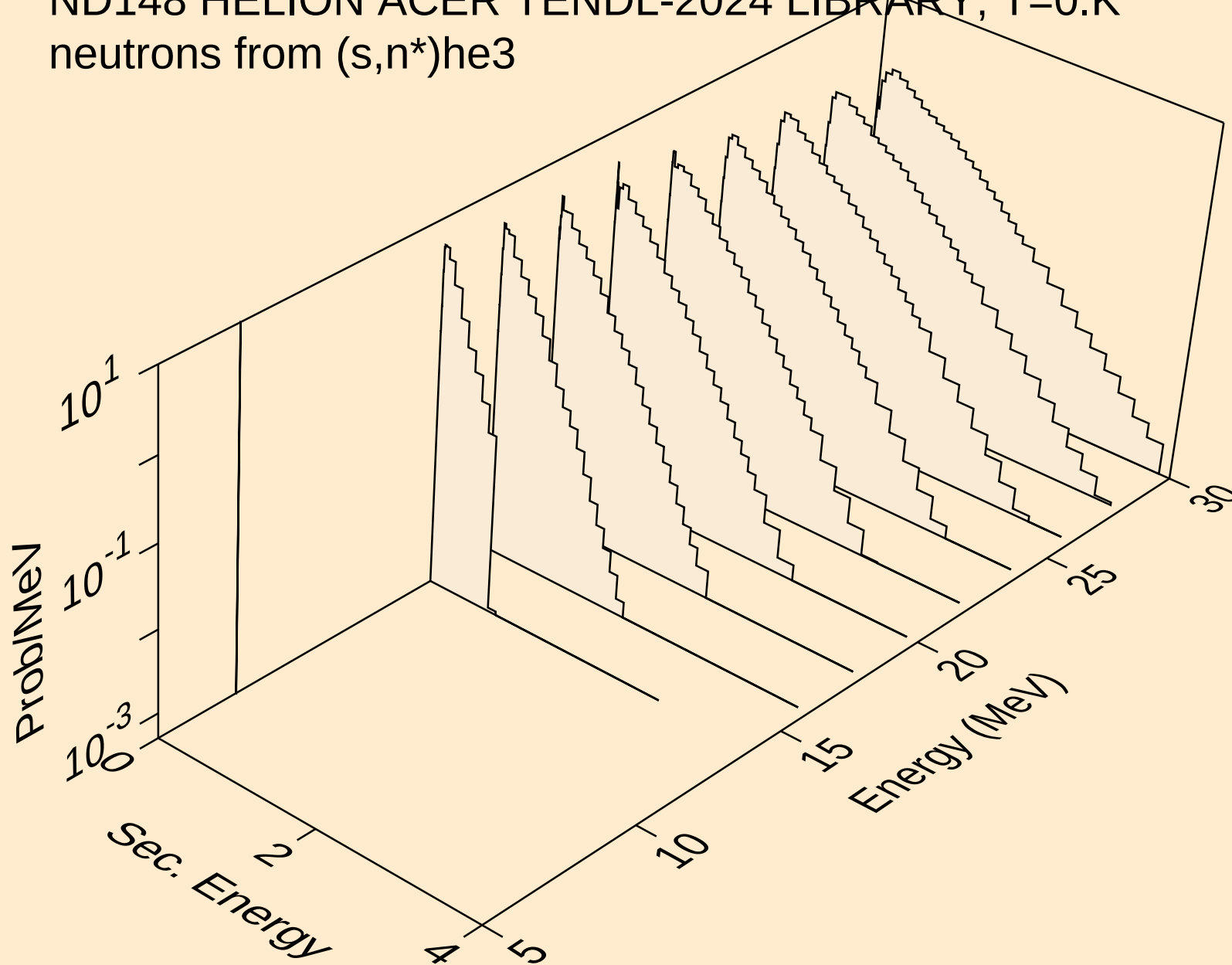


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t

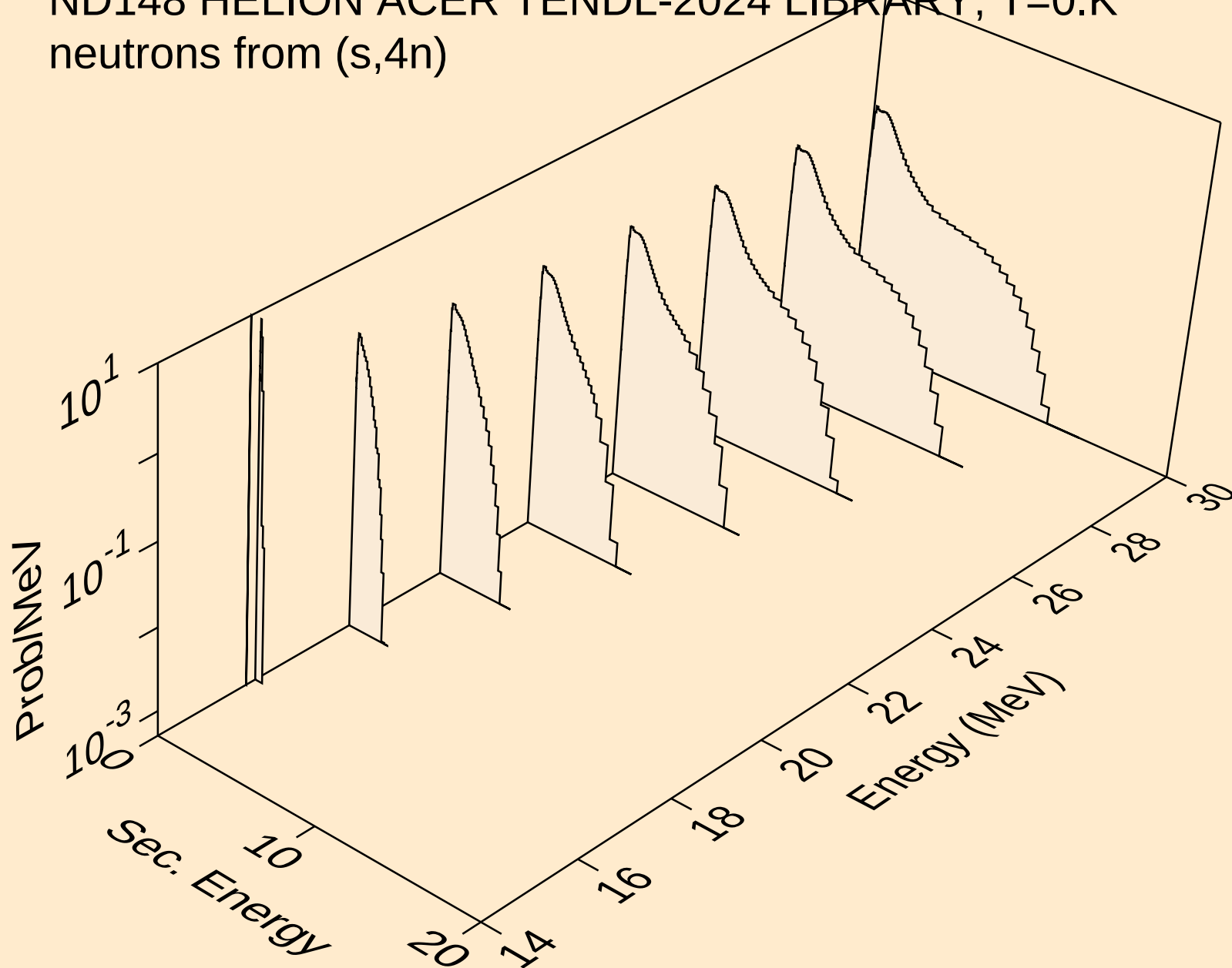




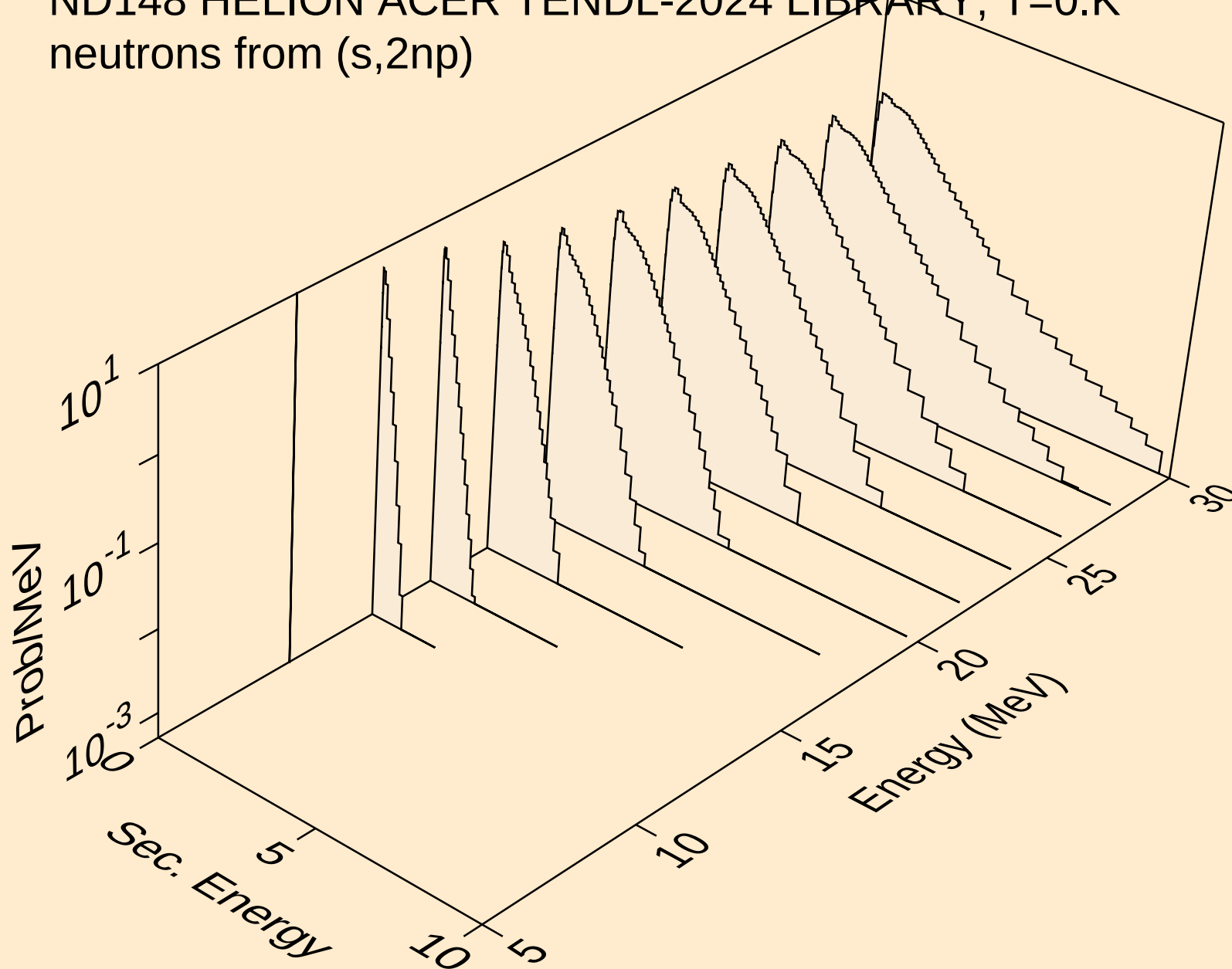
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



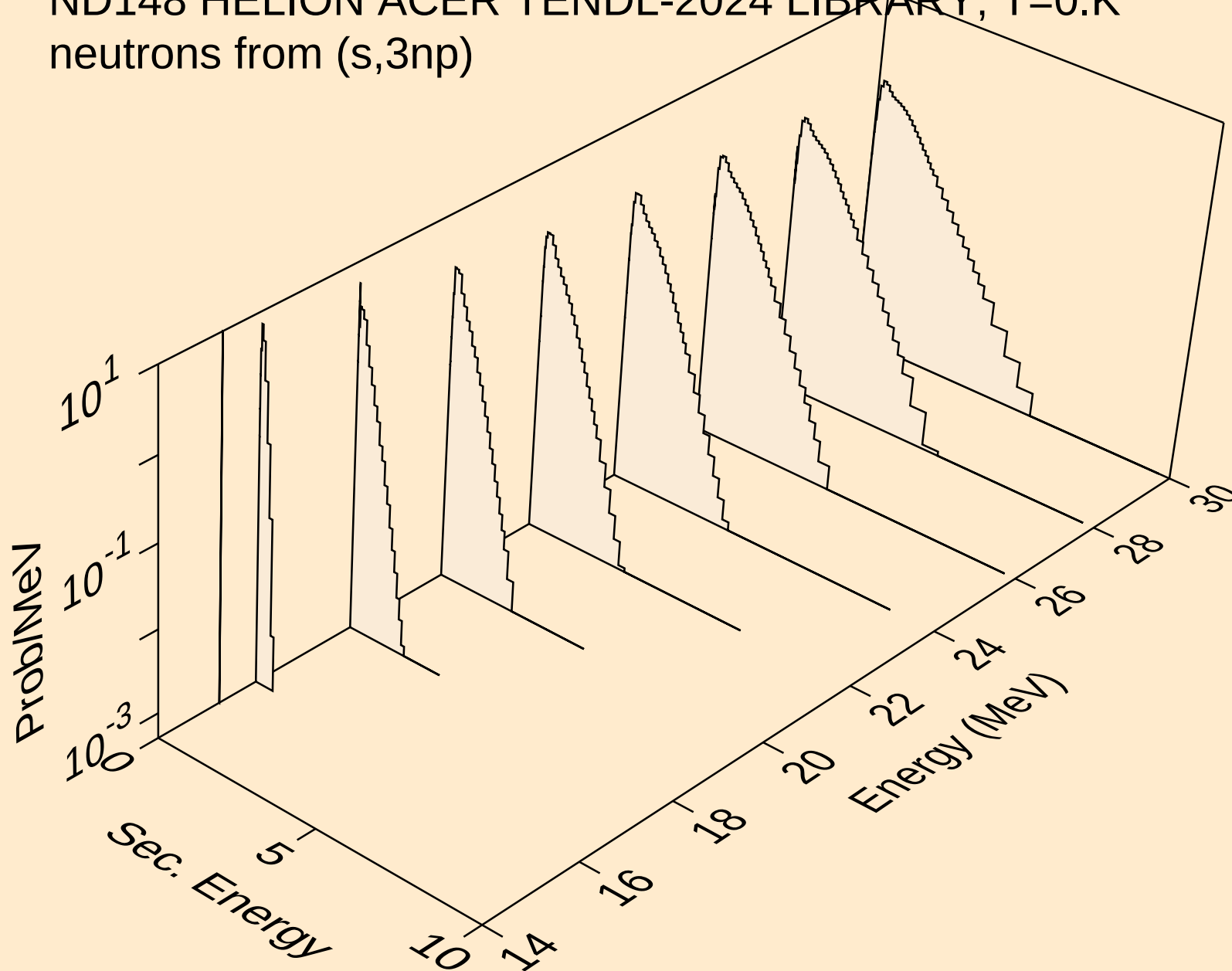
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



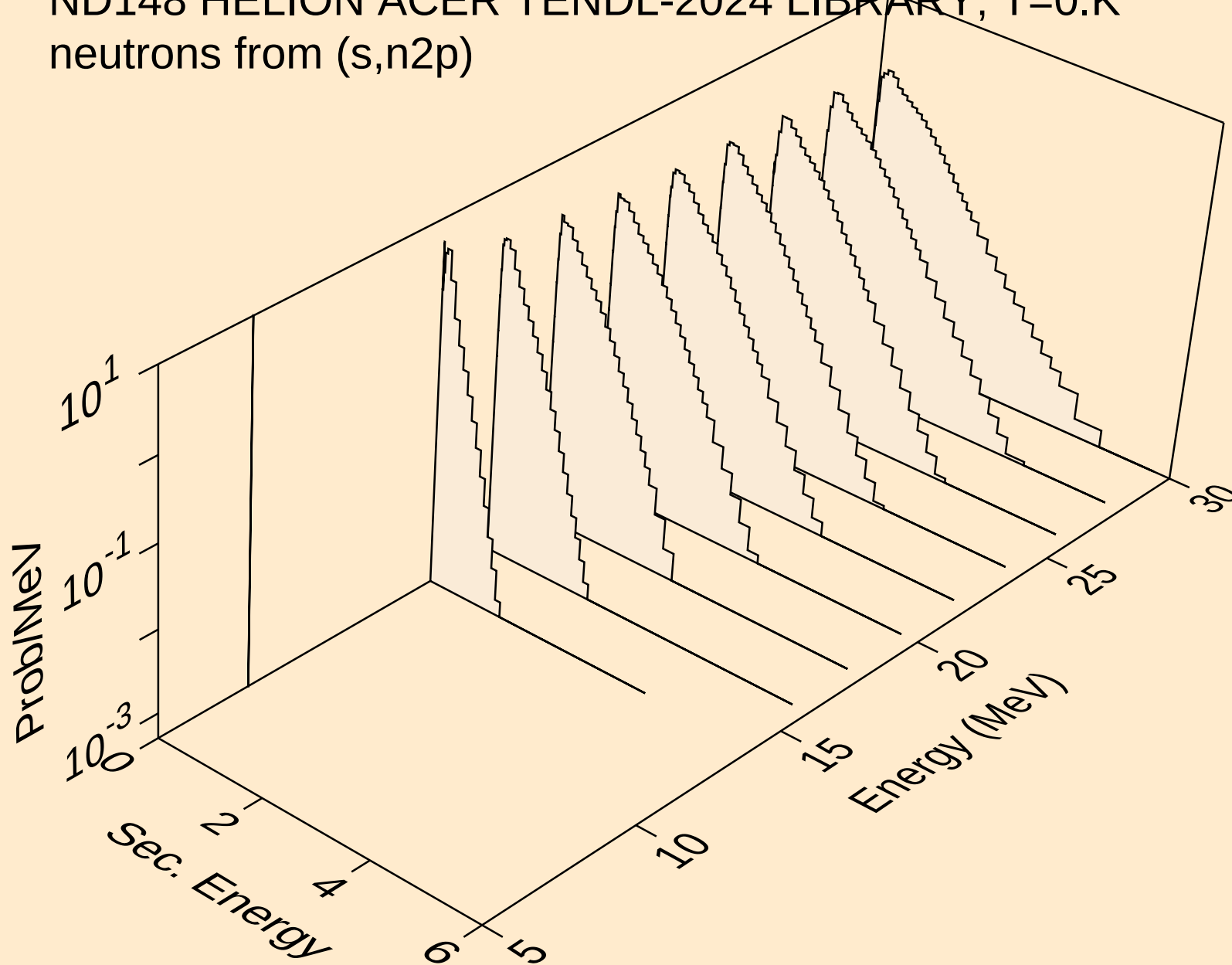
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



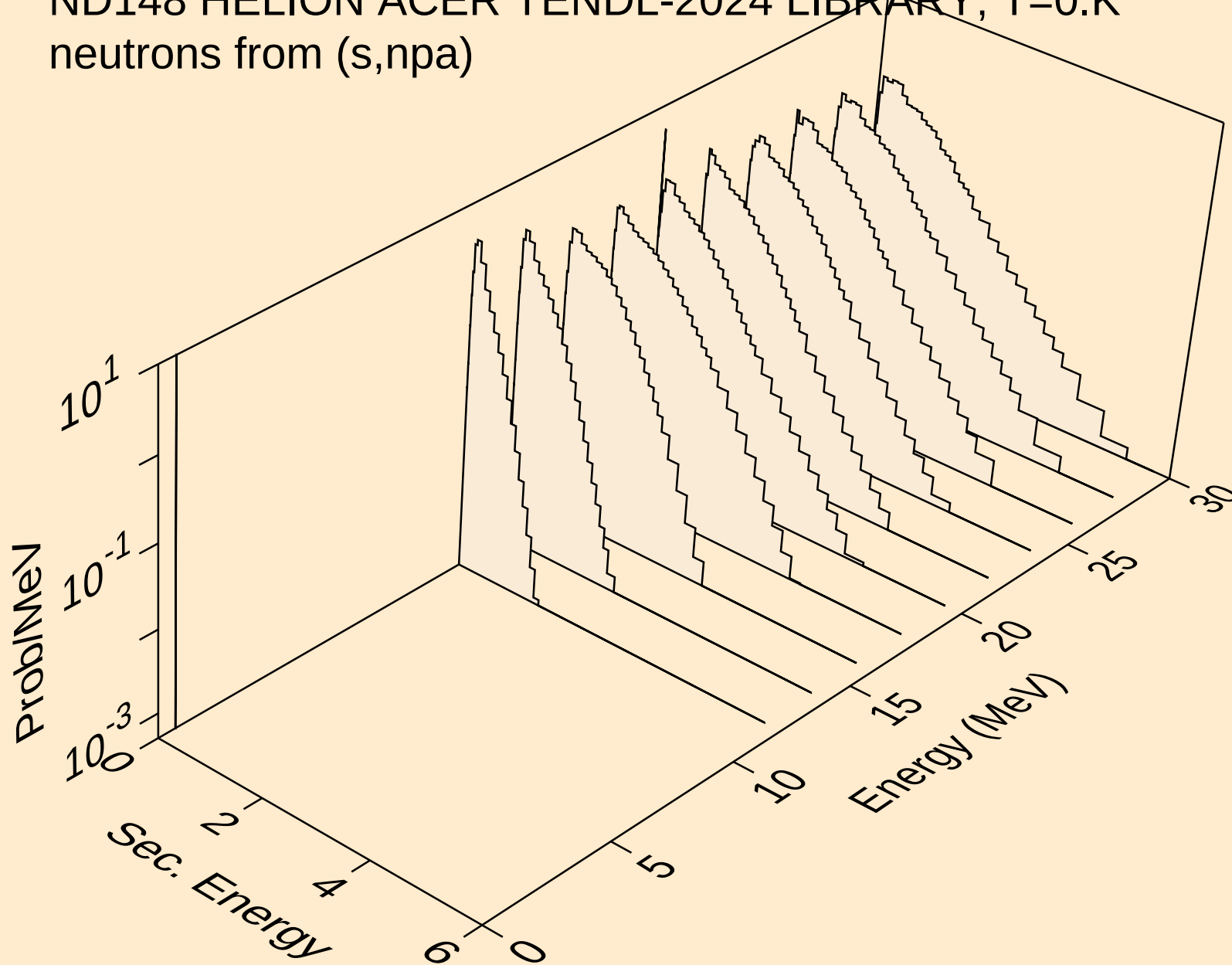
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



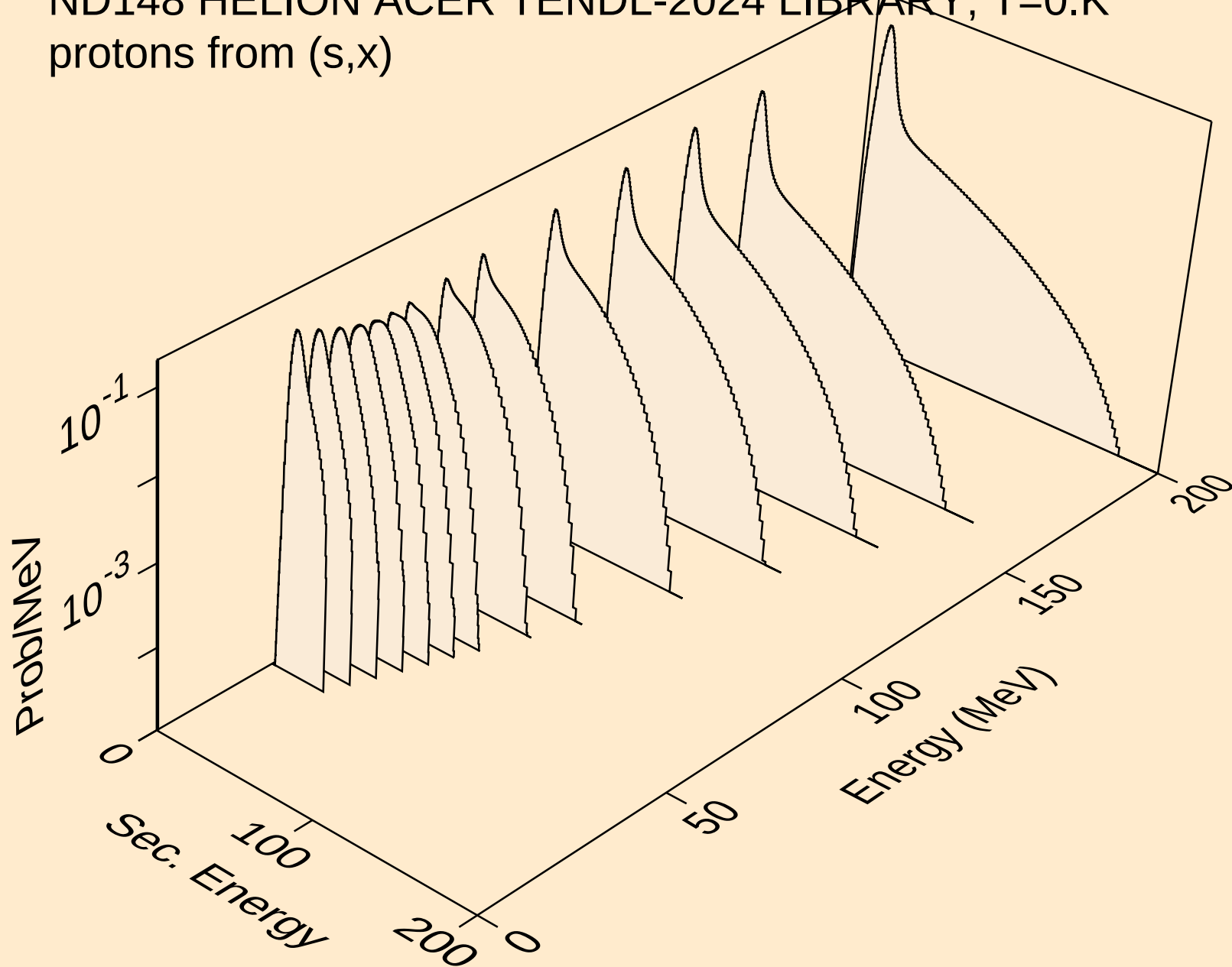
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



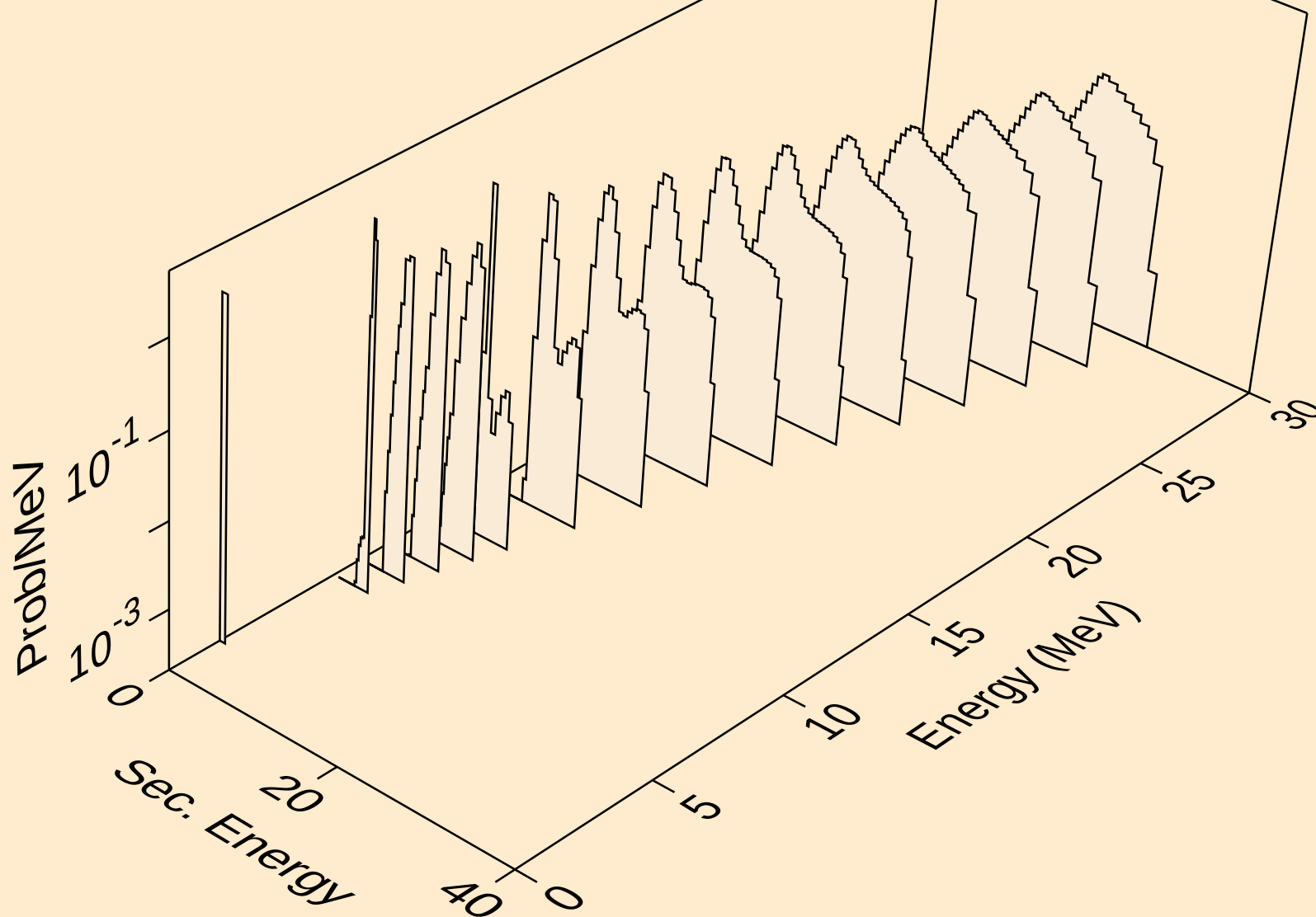
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)

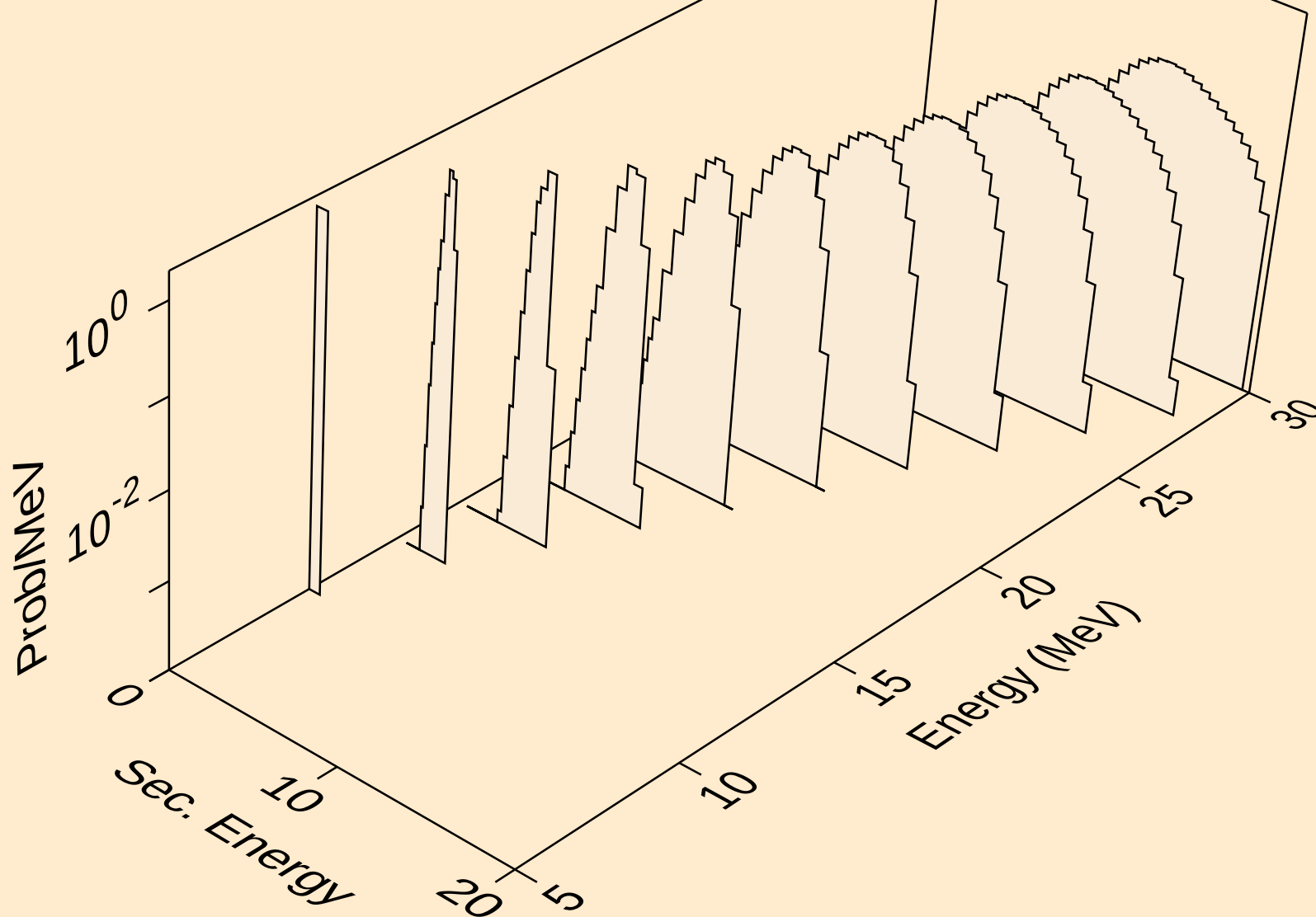


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p

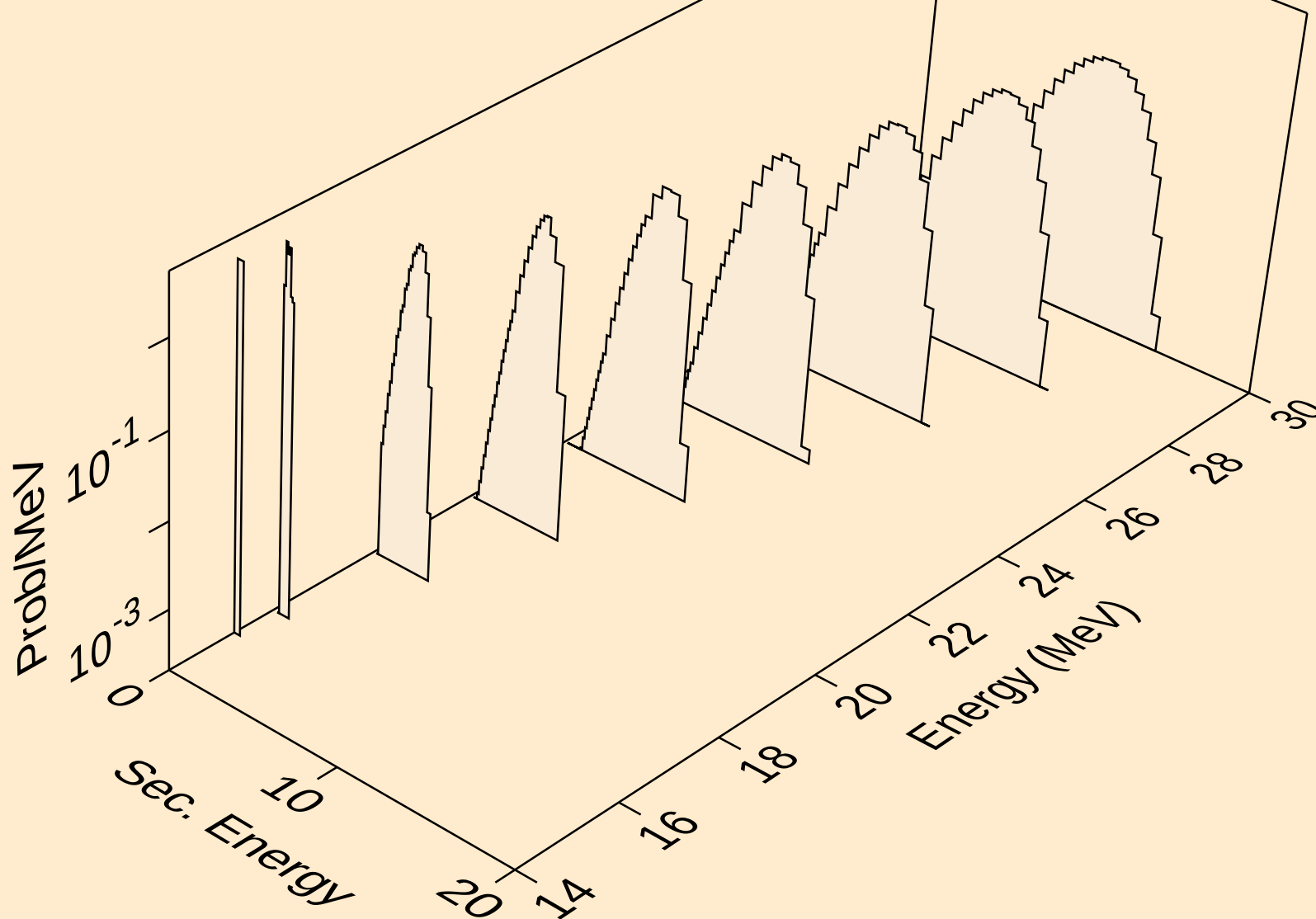




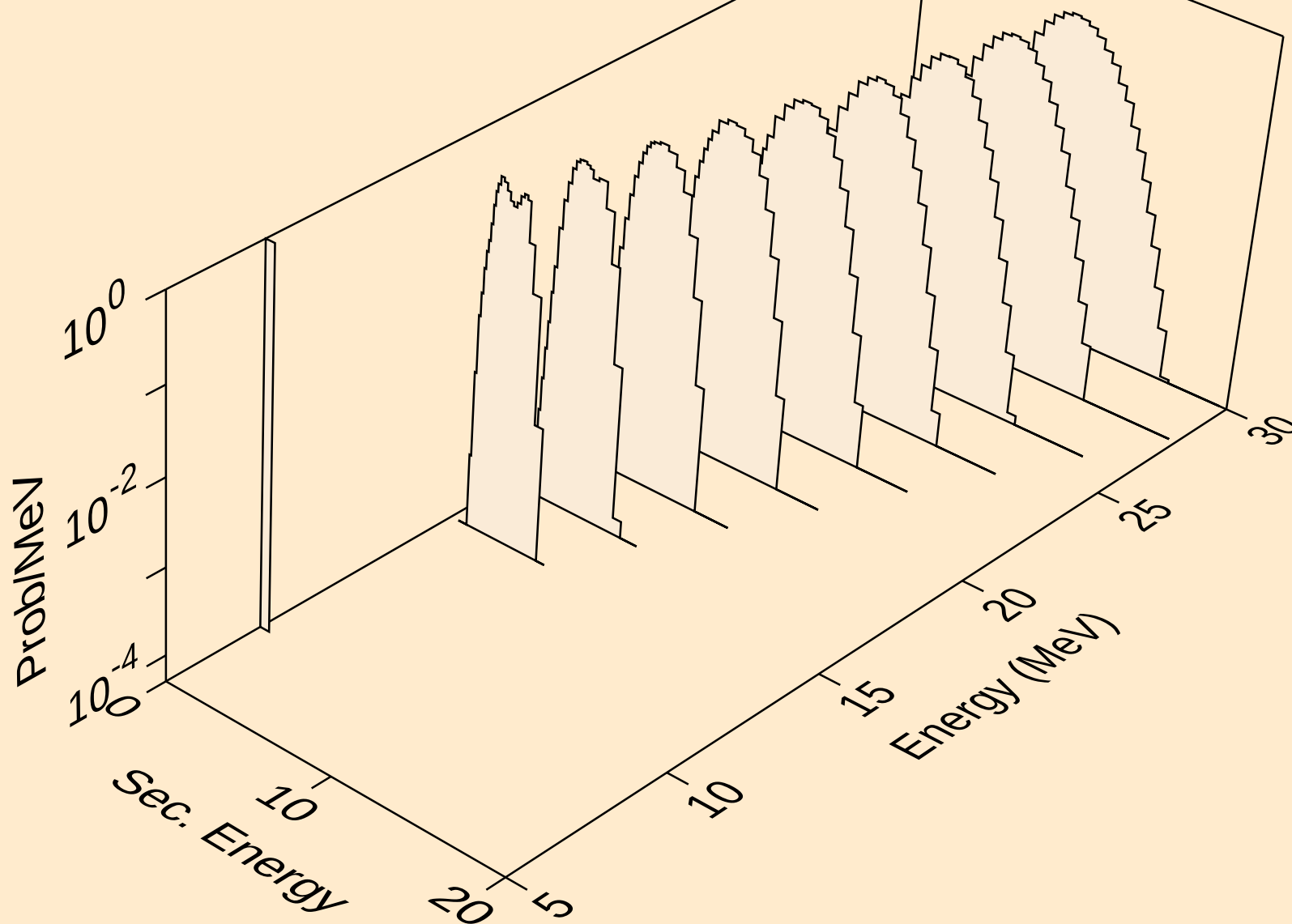
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



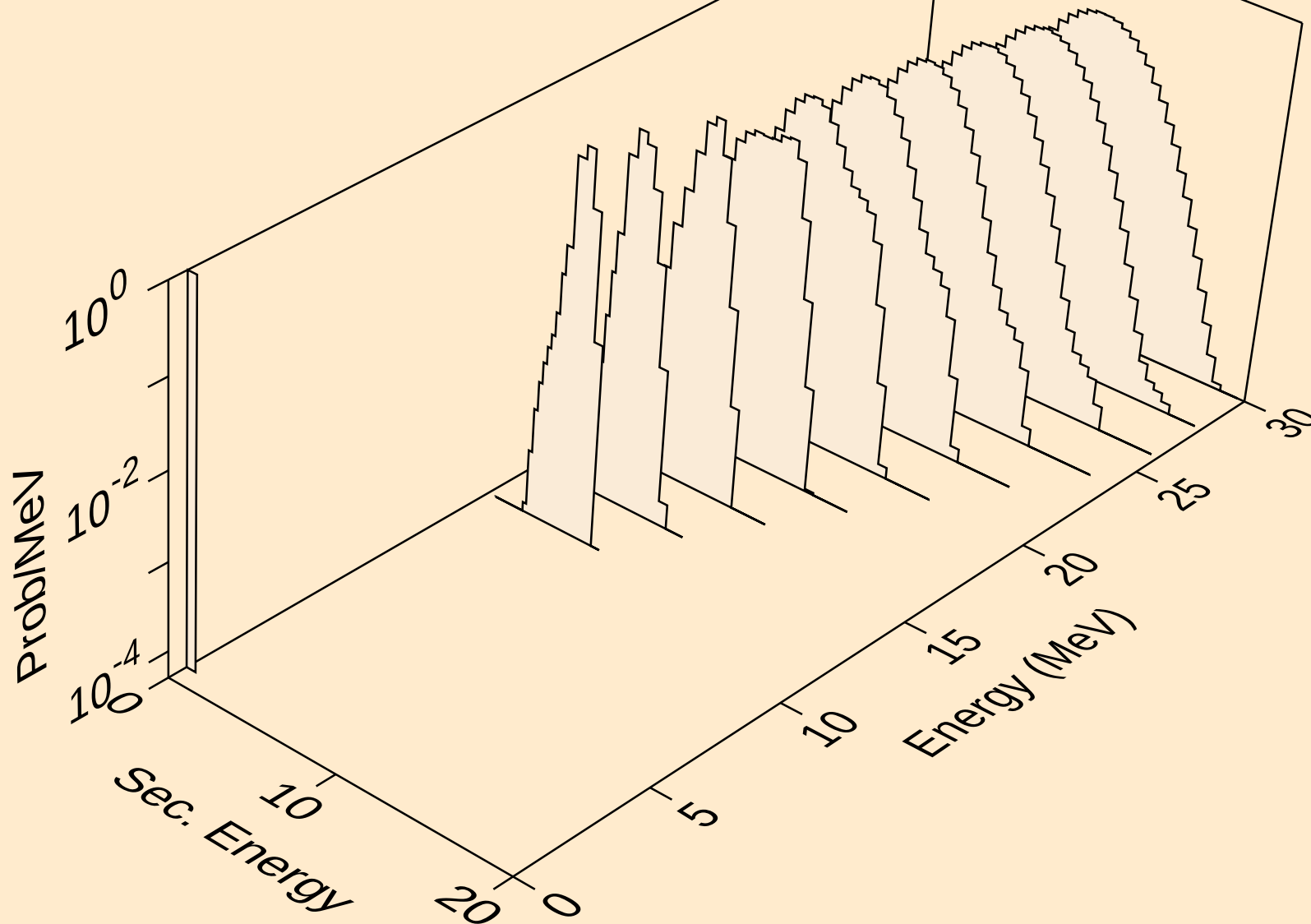
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



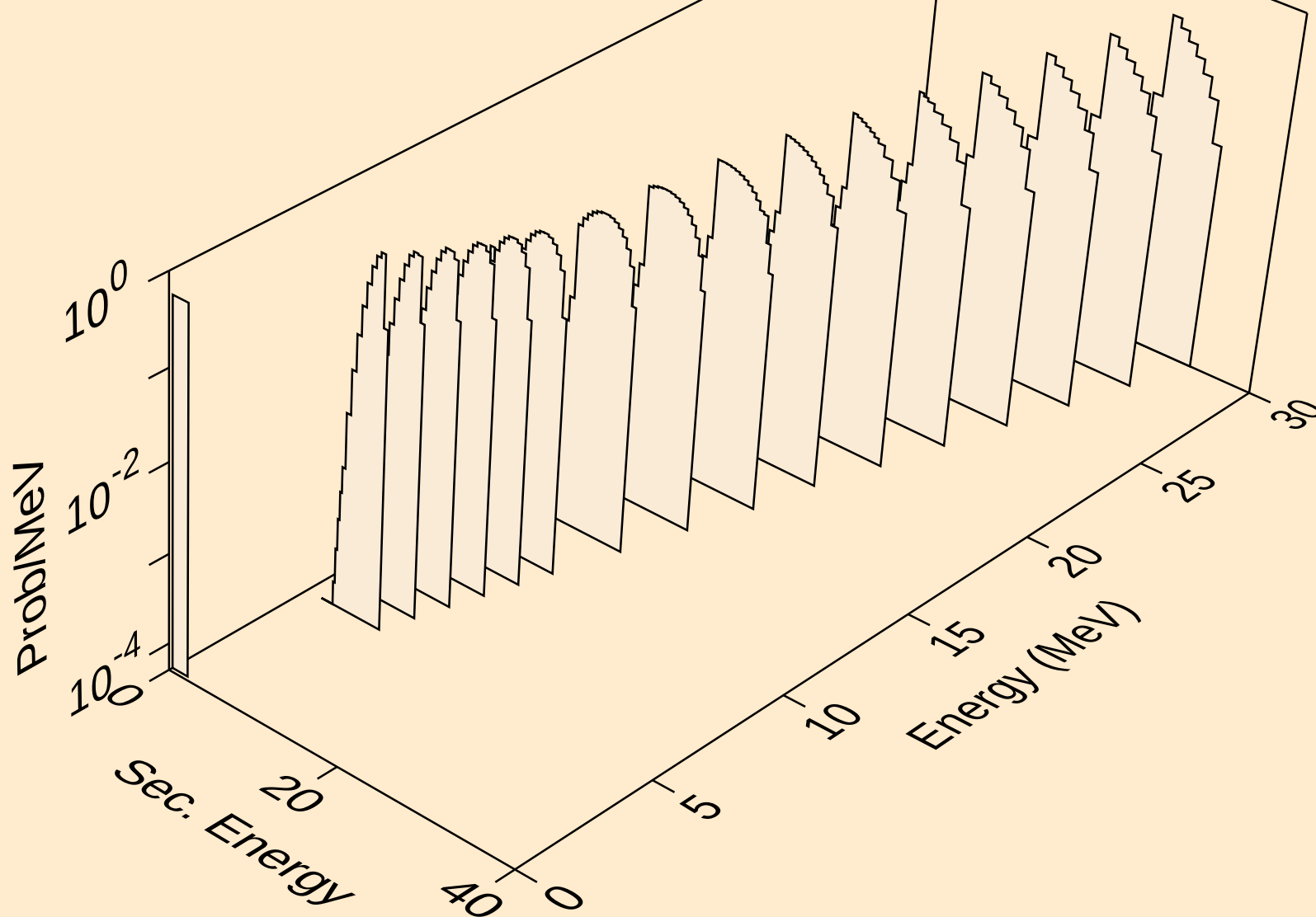
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



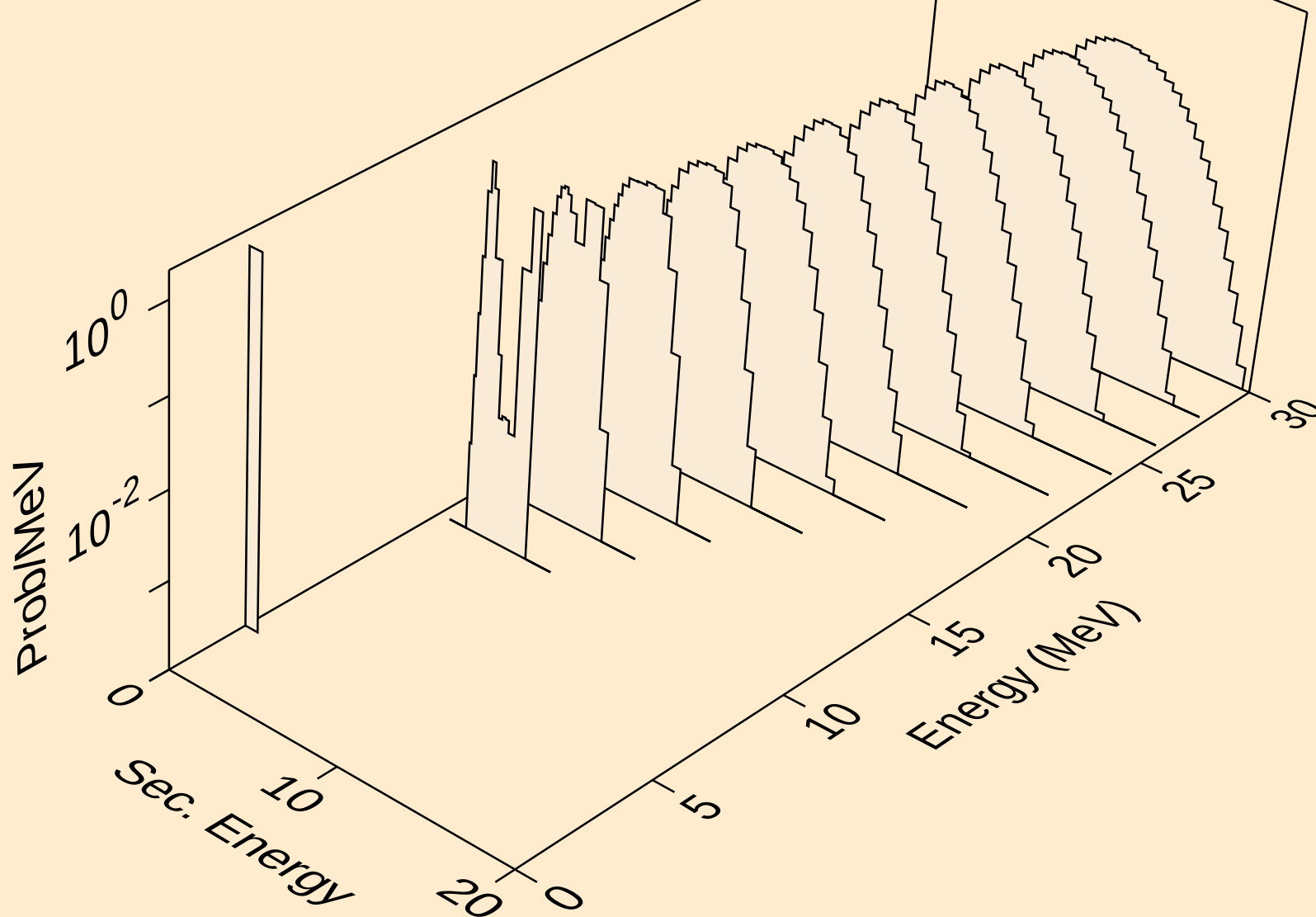
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



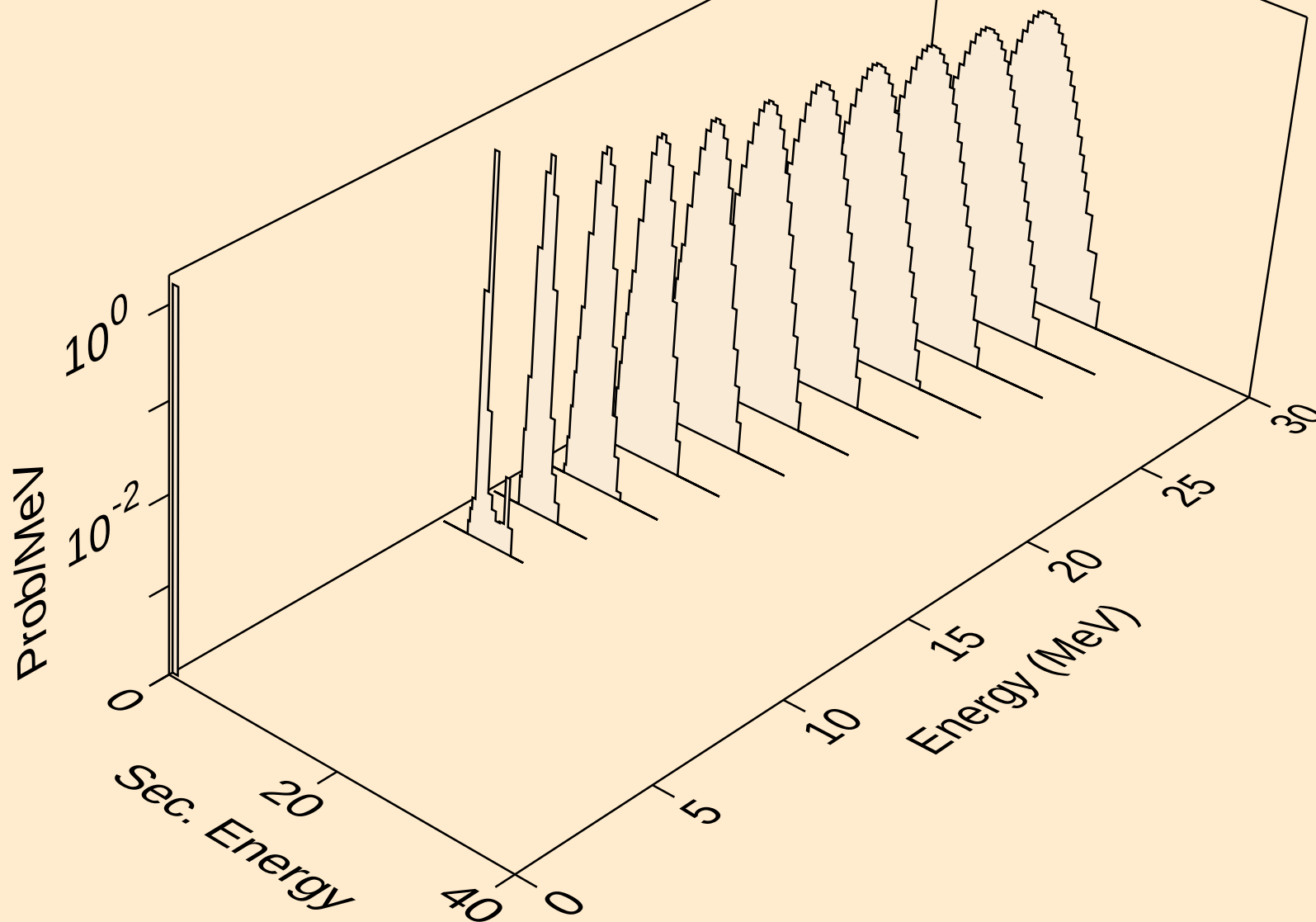
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



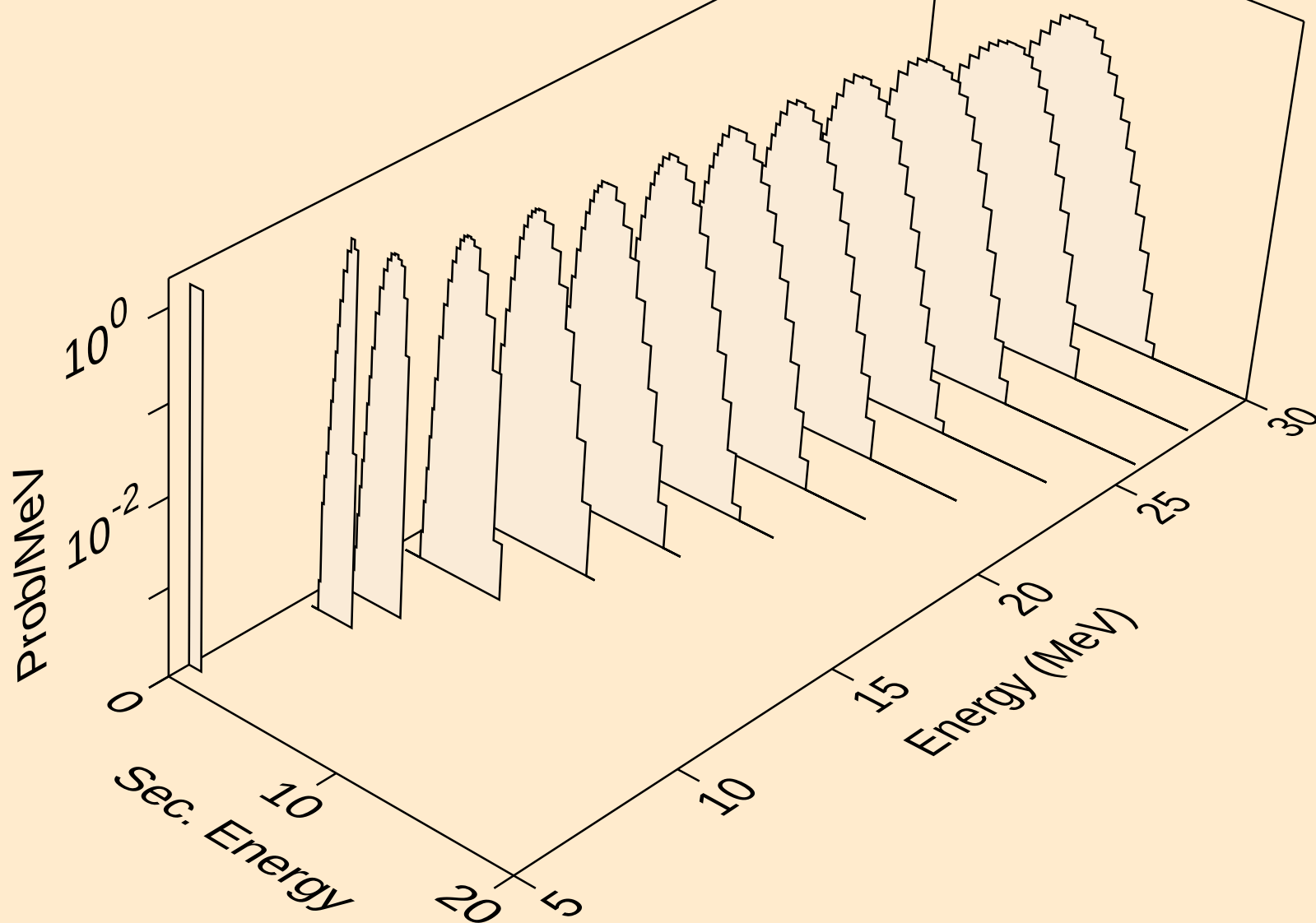
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)

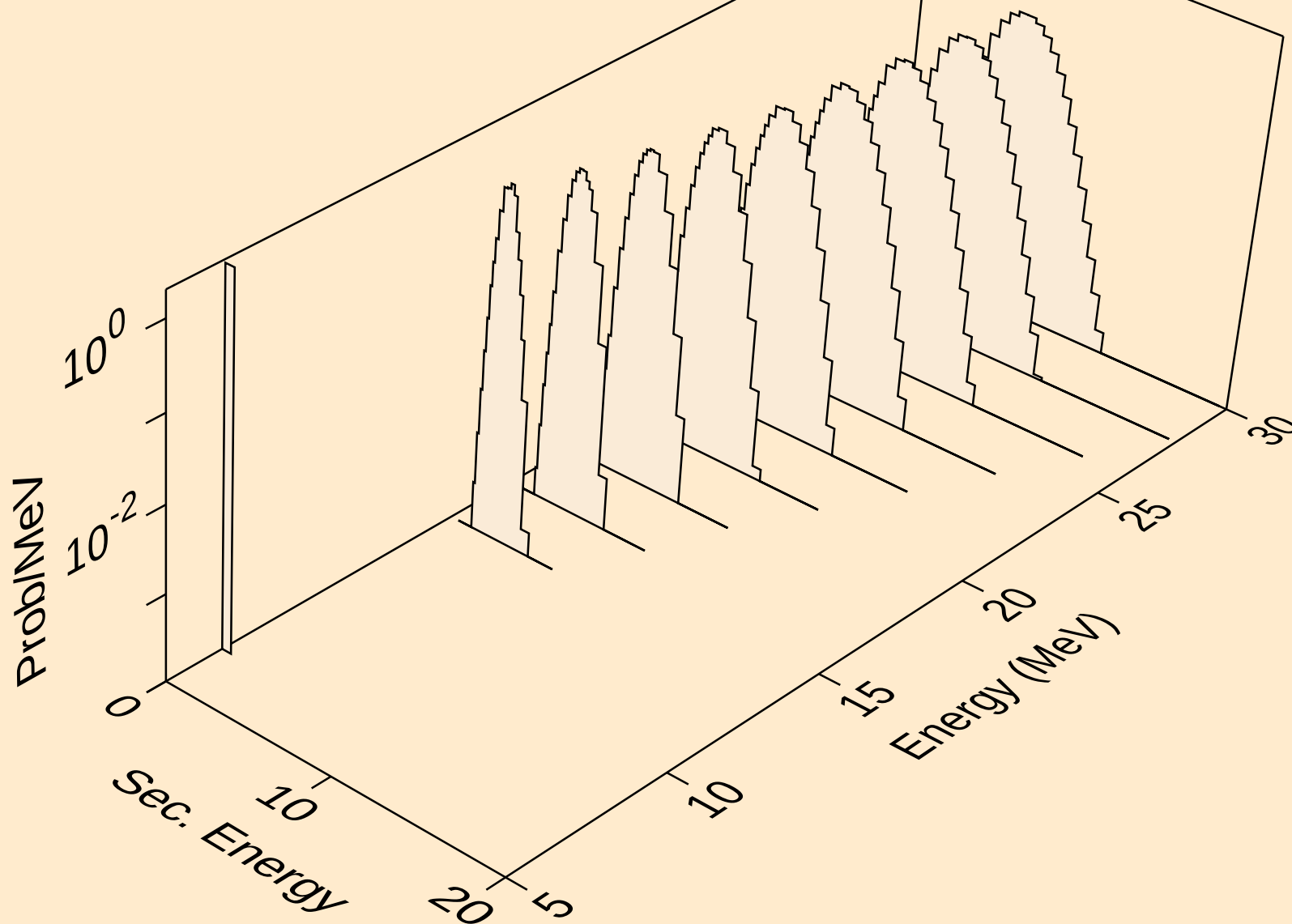


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)

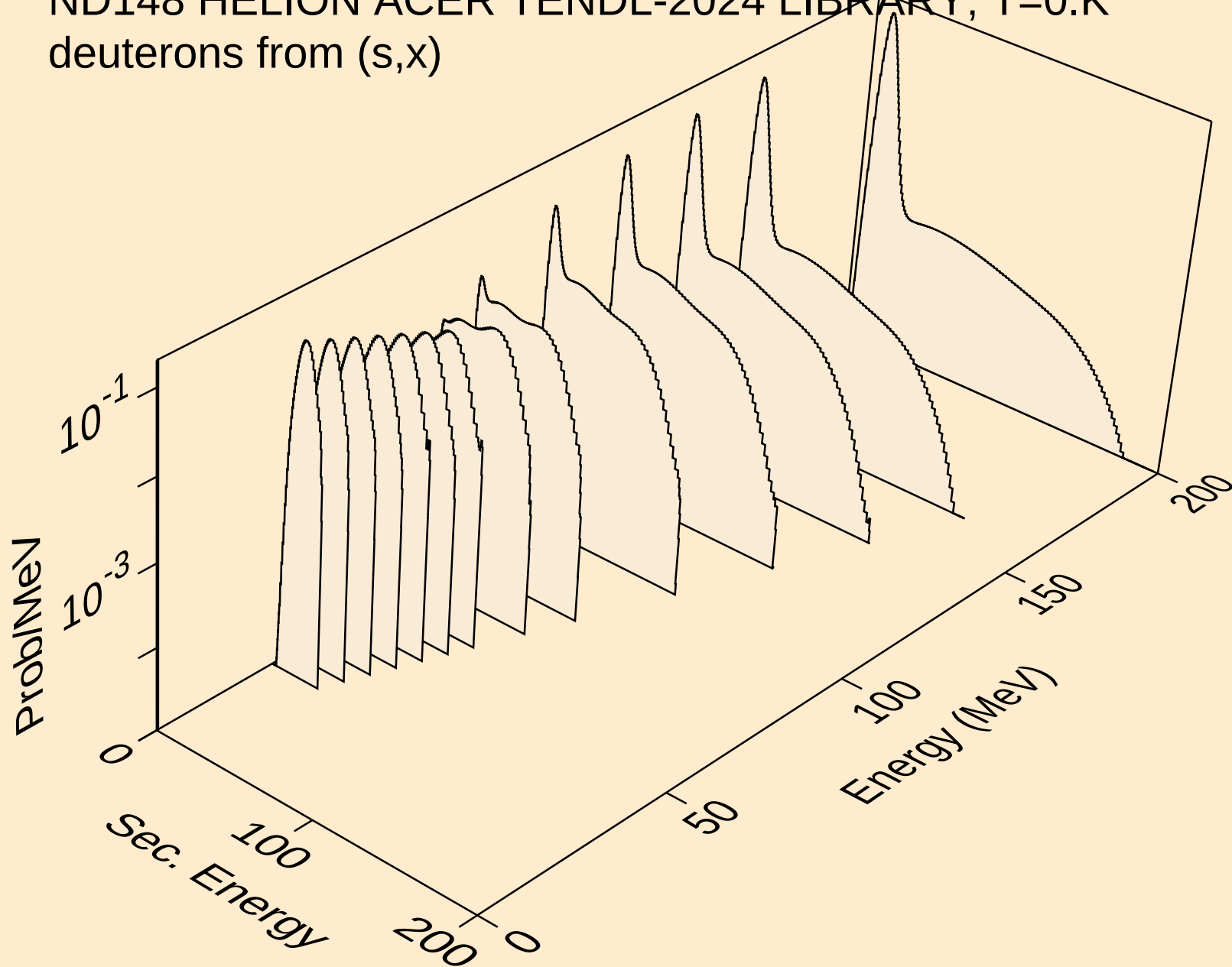




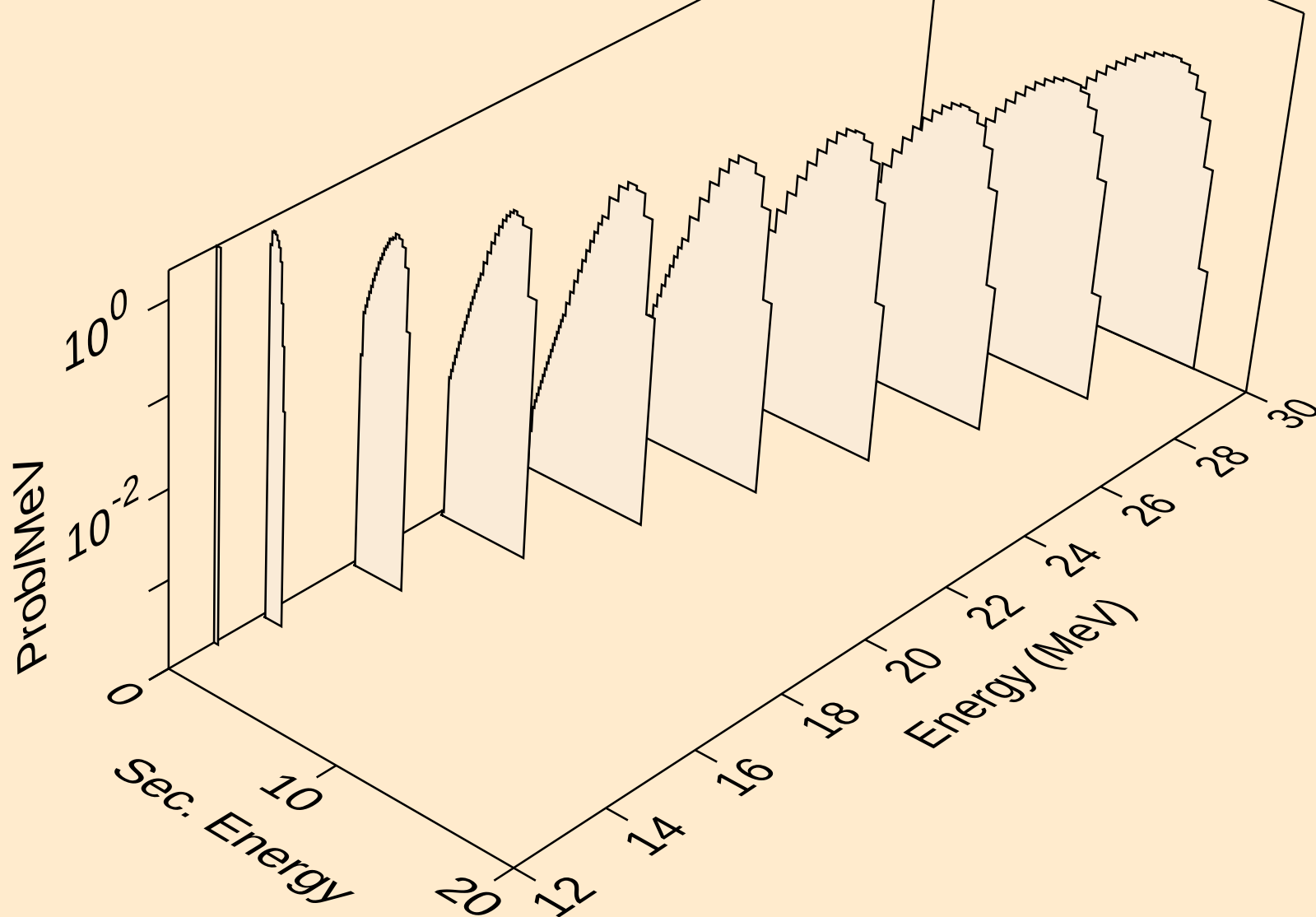
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



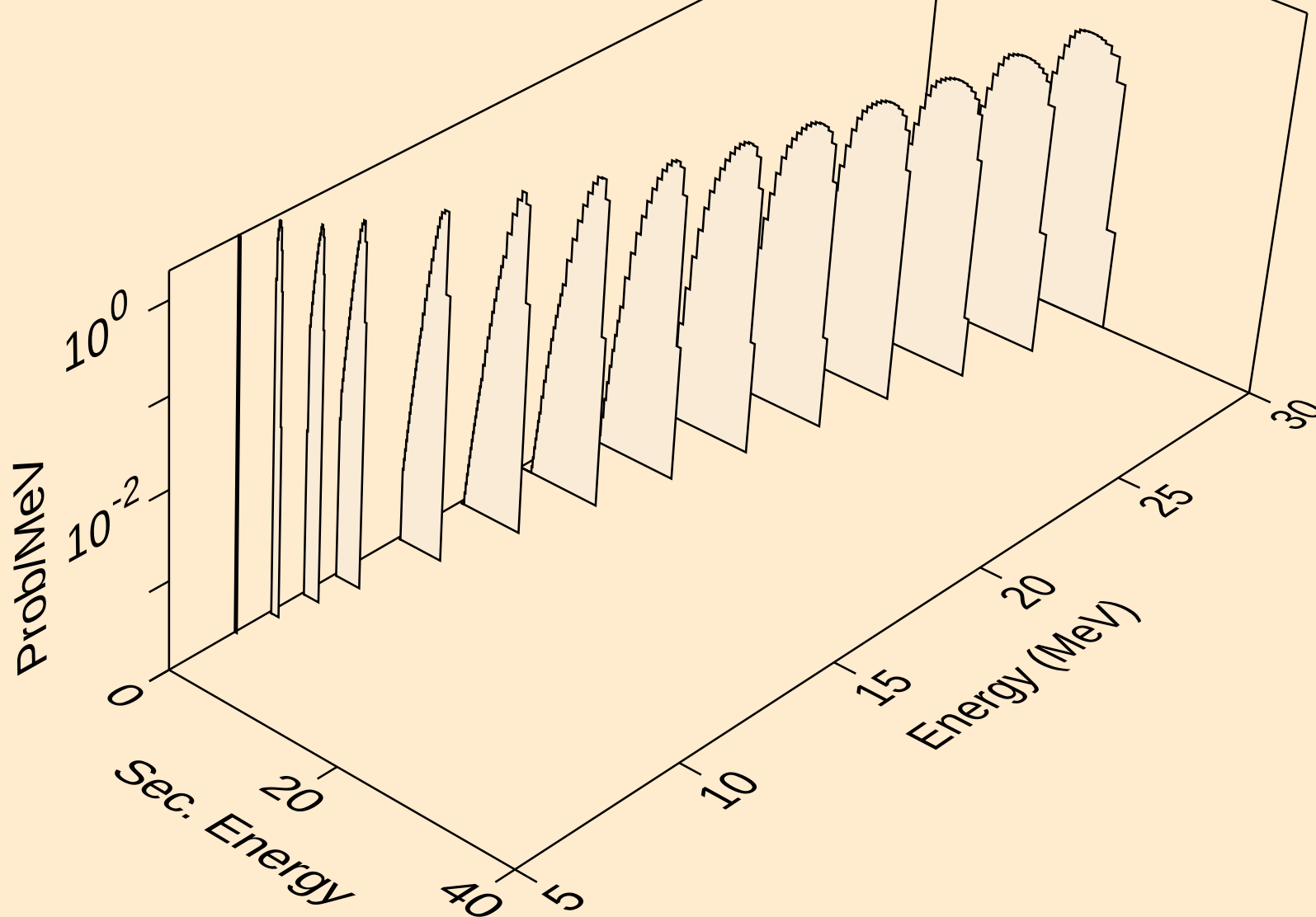
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



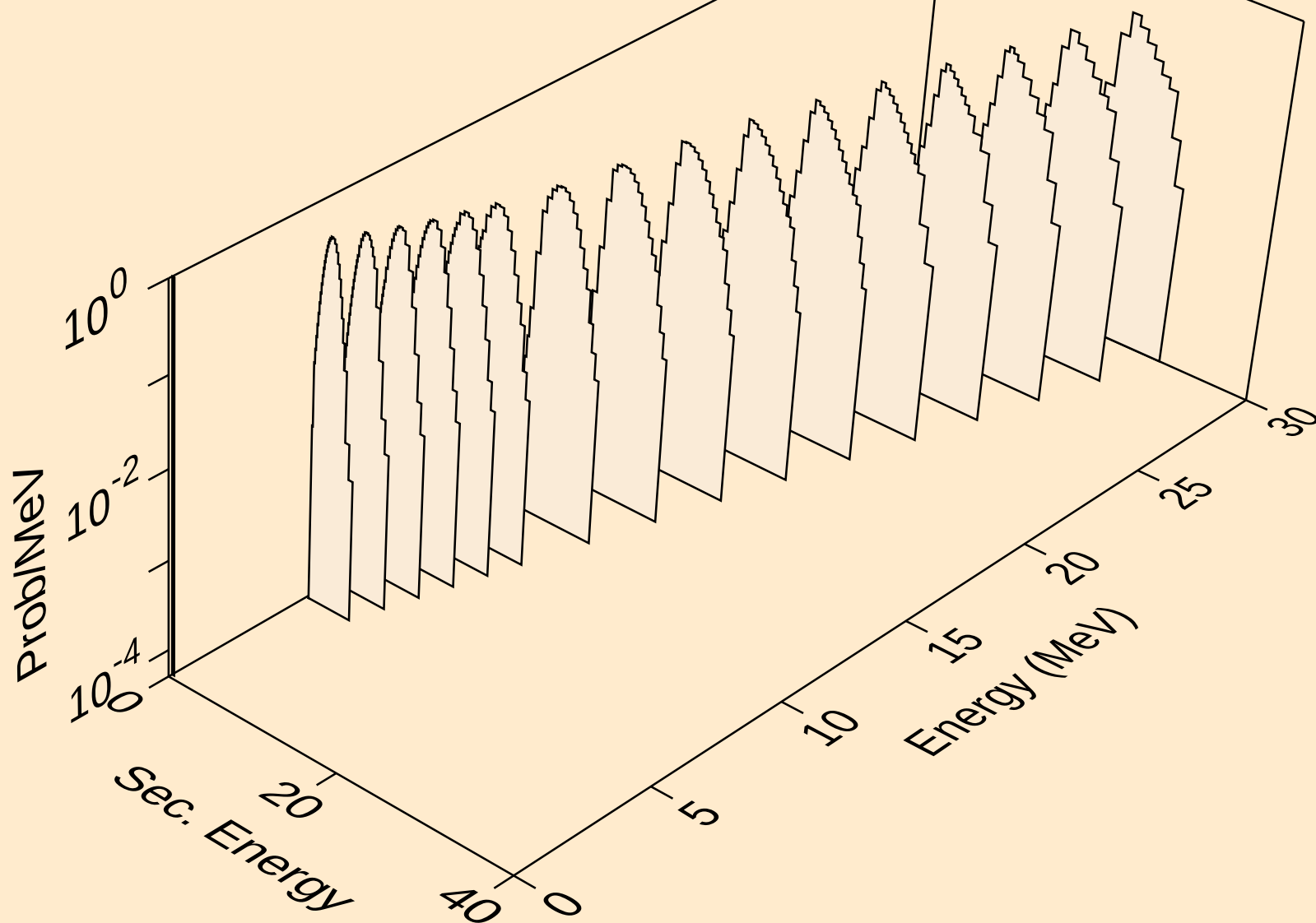
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



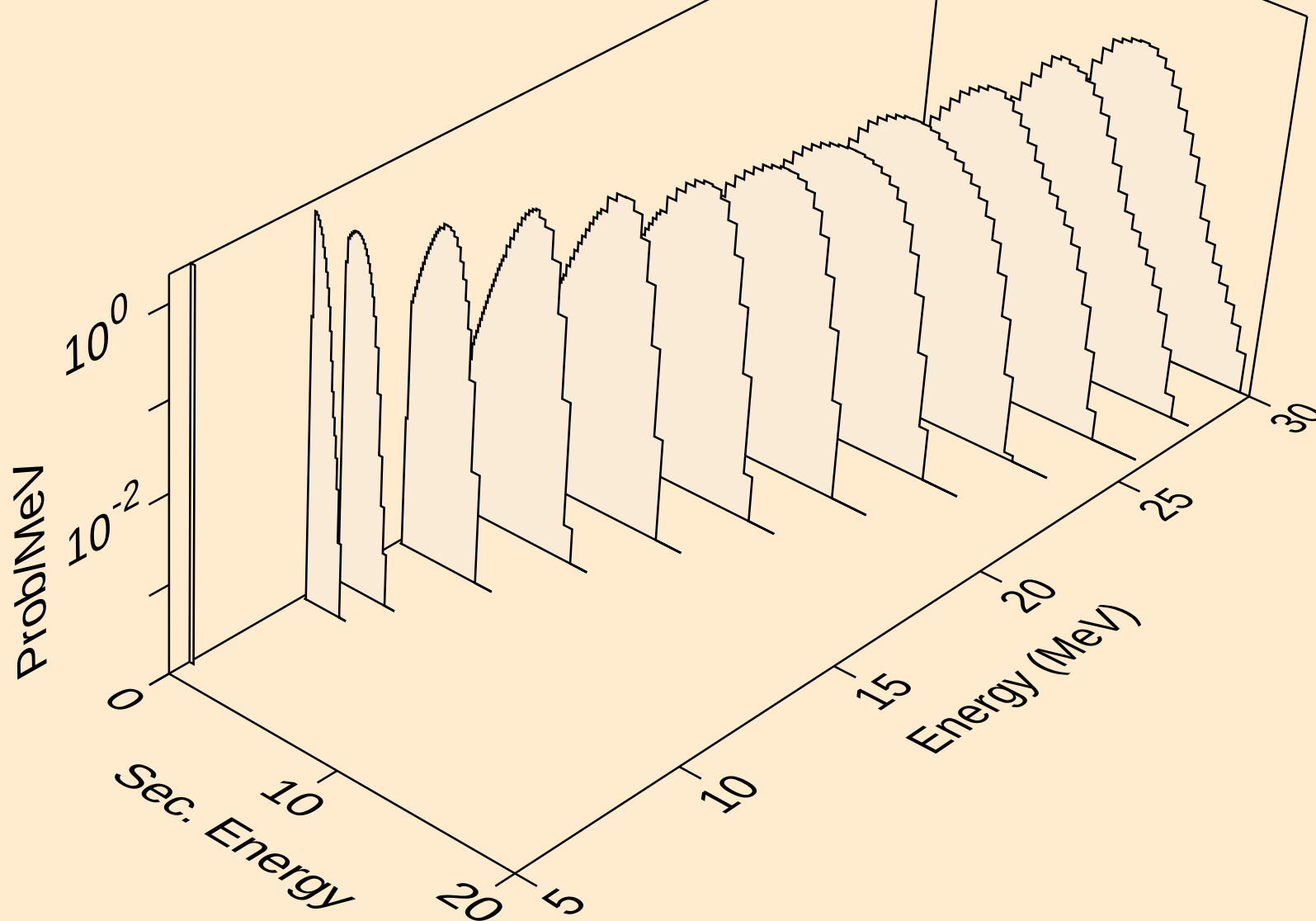
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



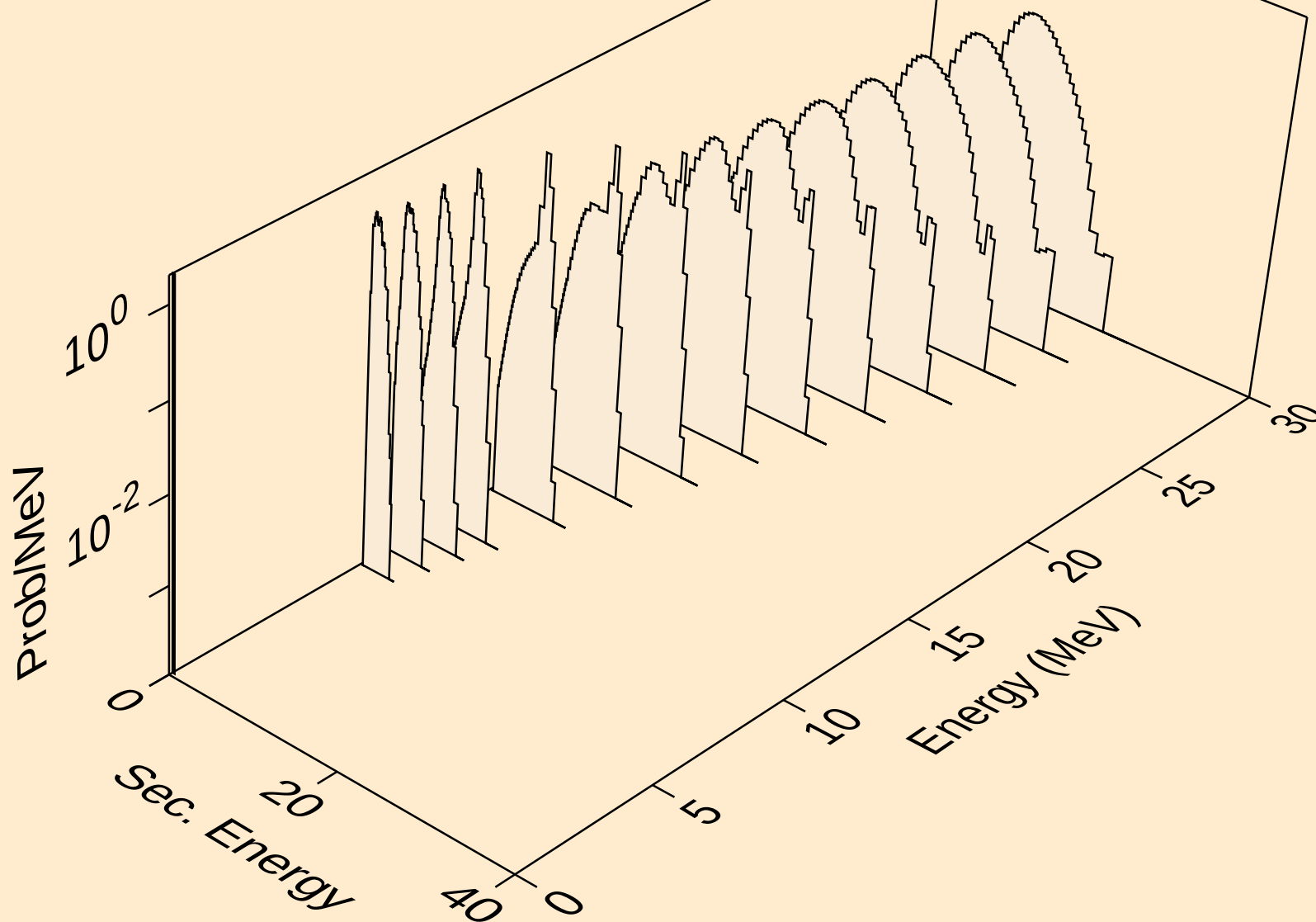
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



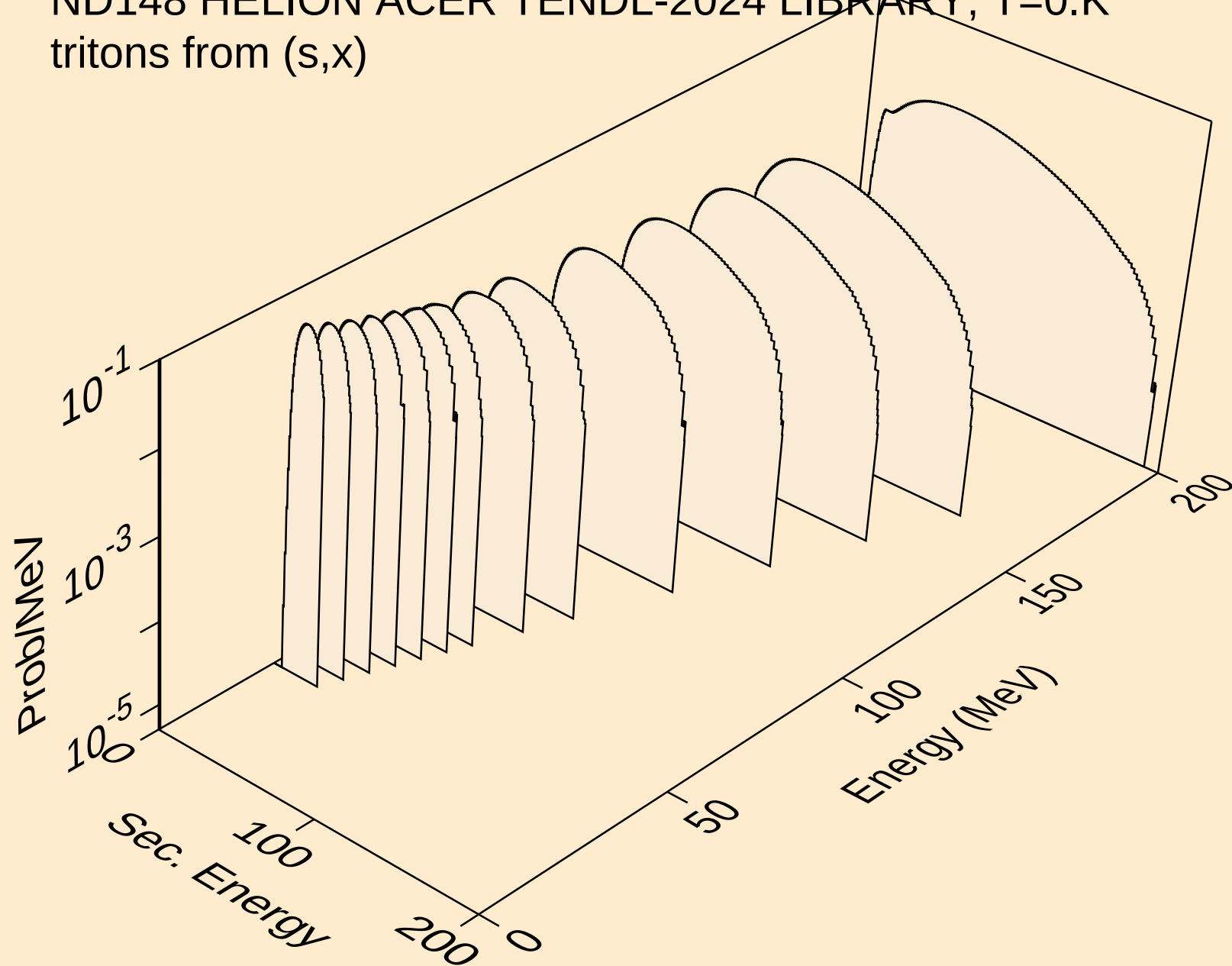
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)

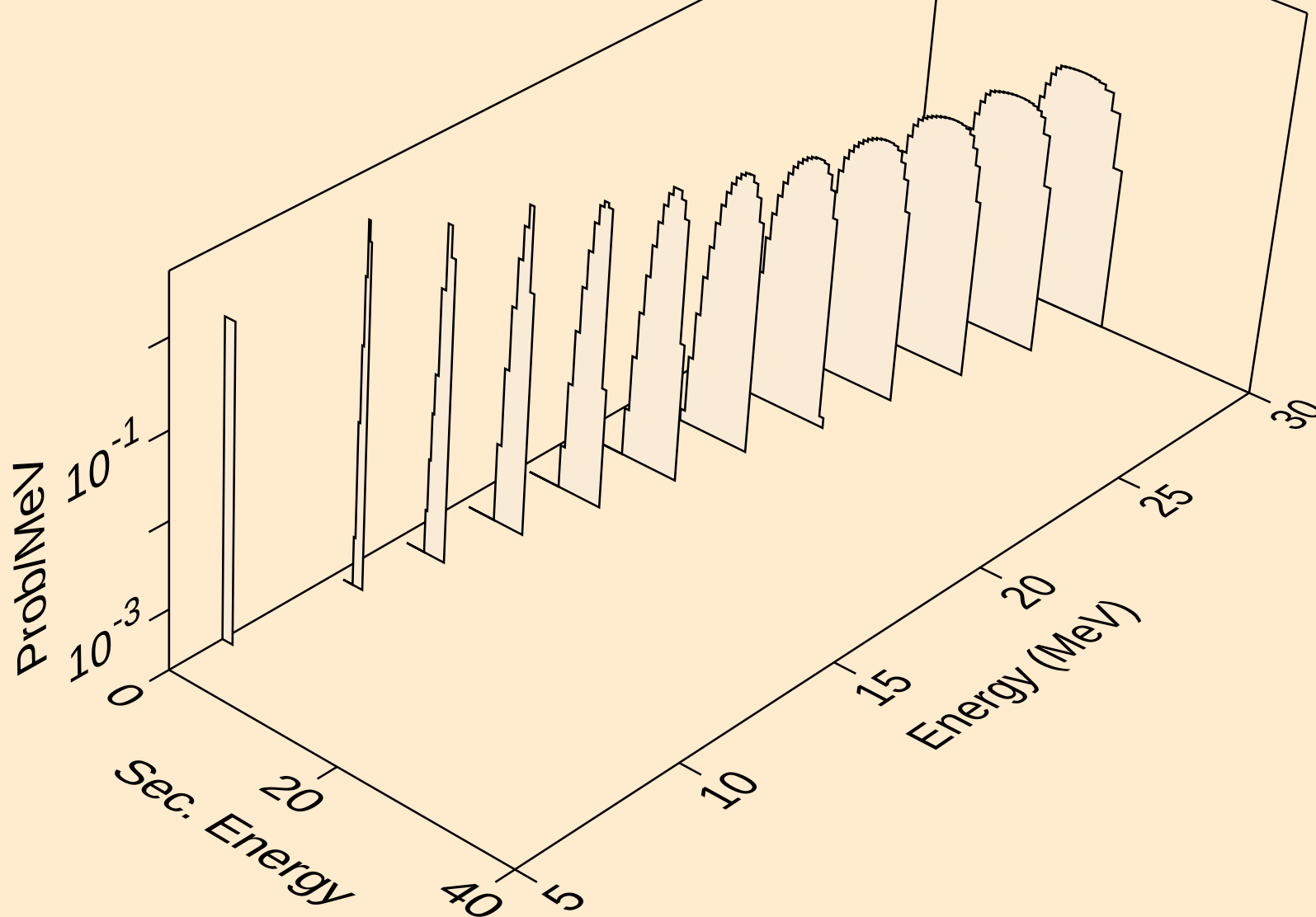


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)

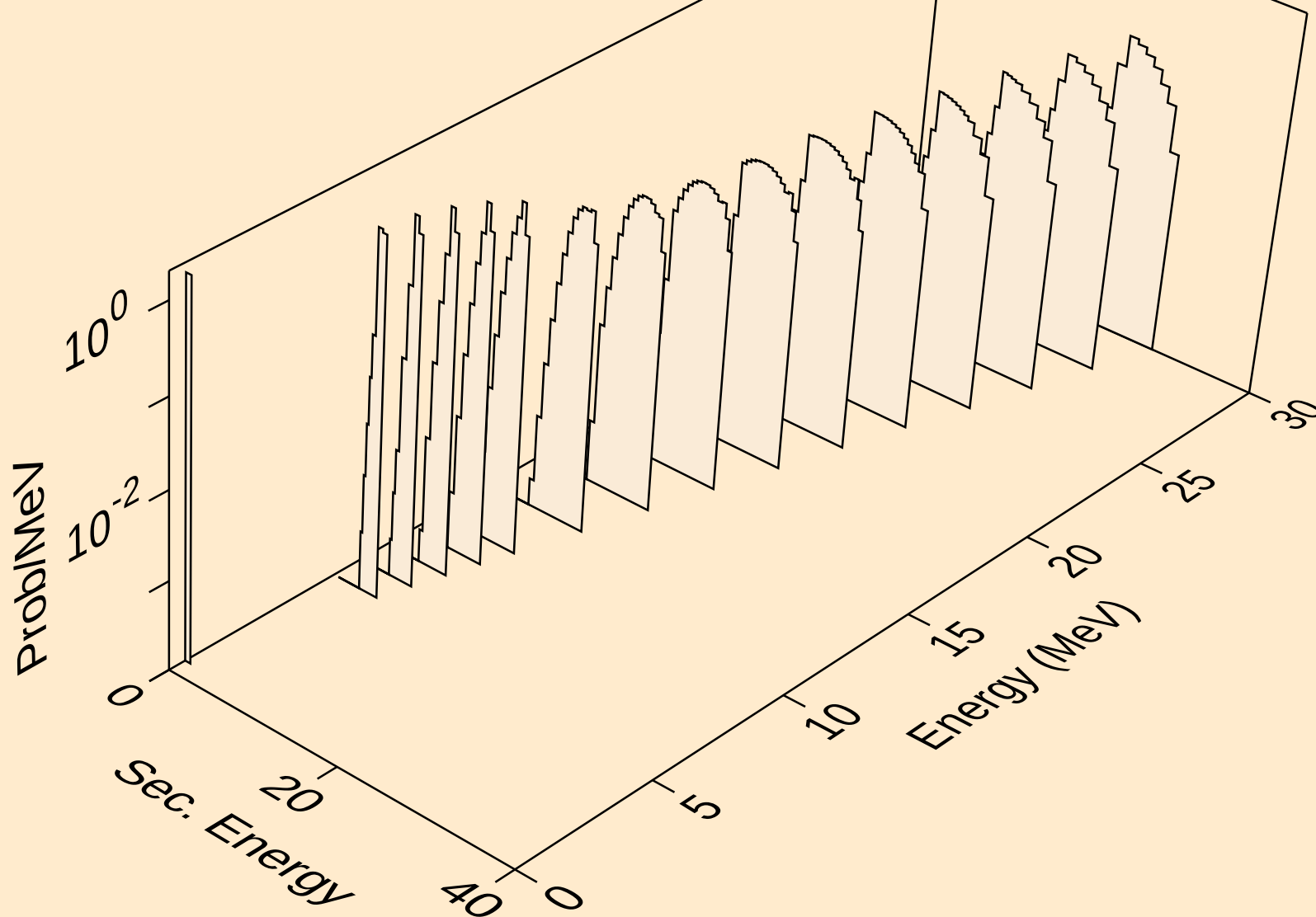




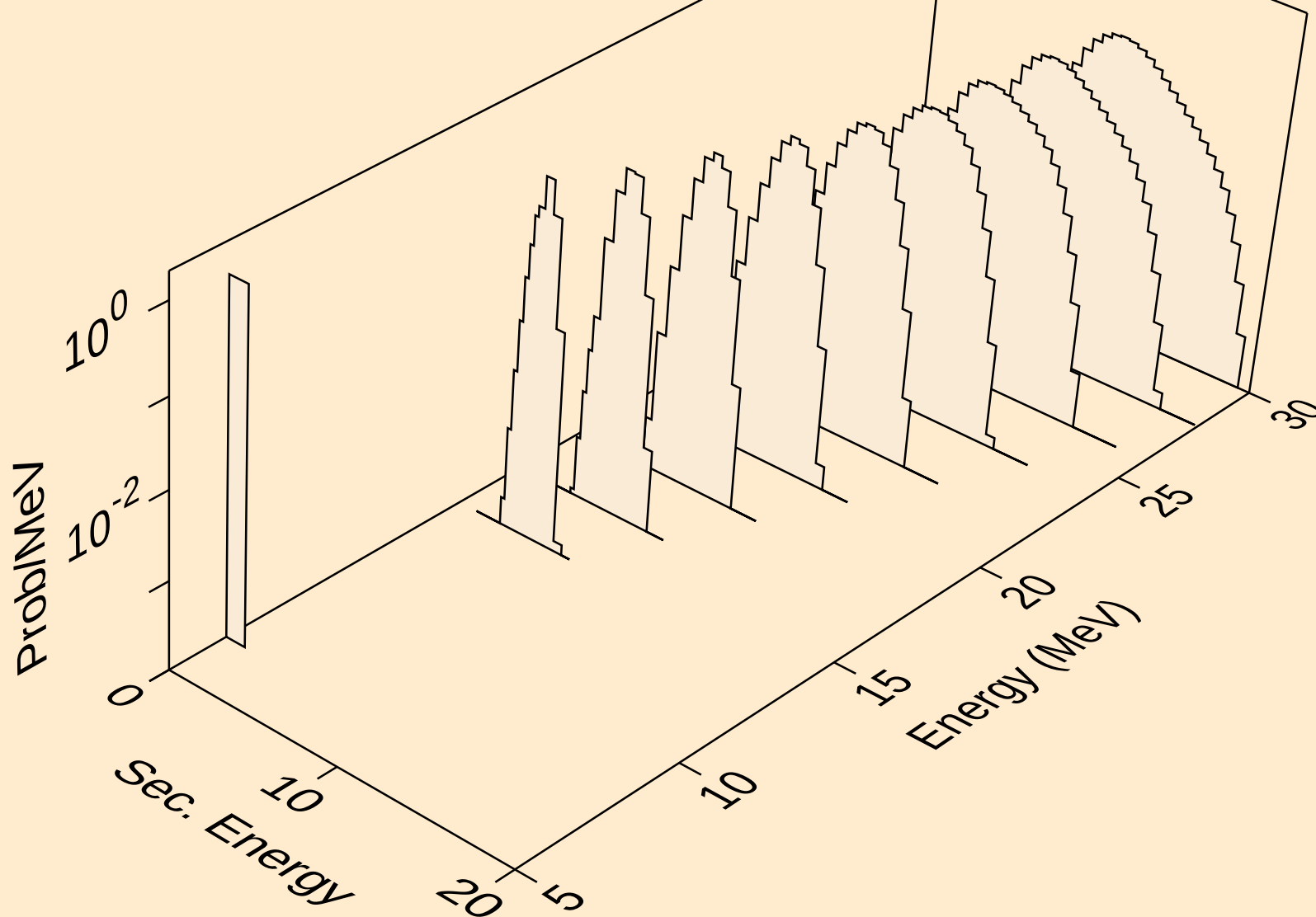
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



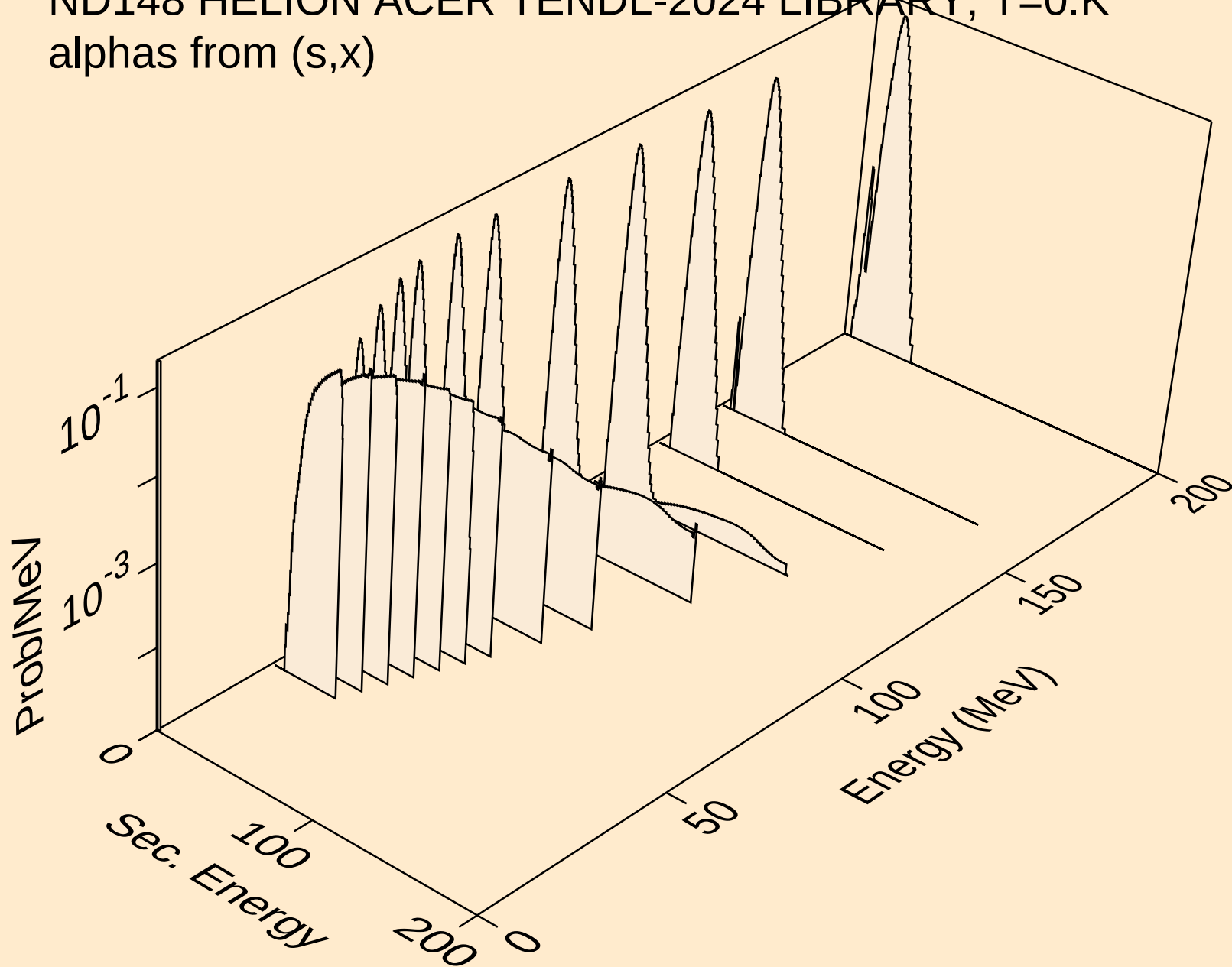
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



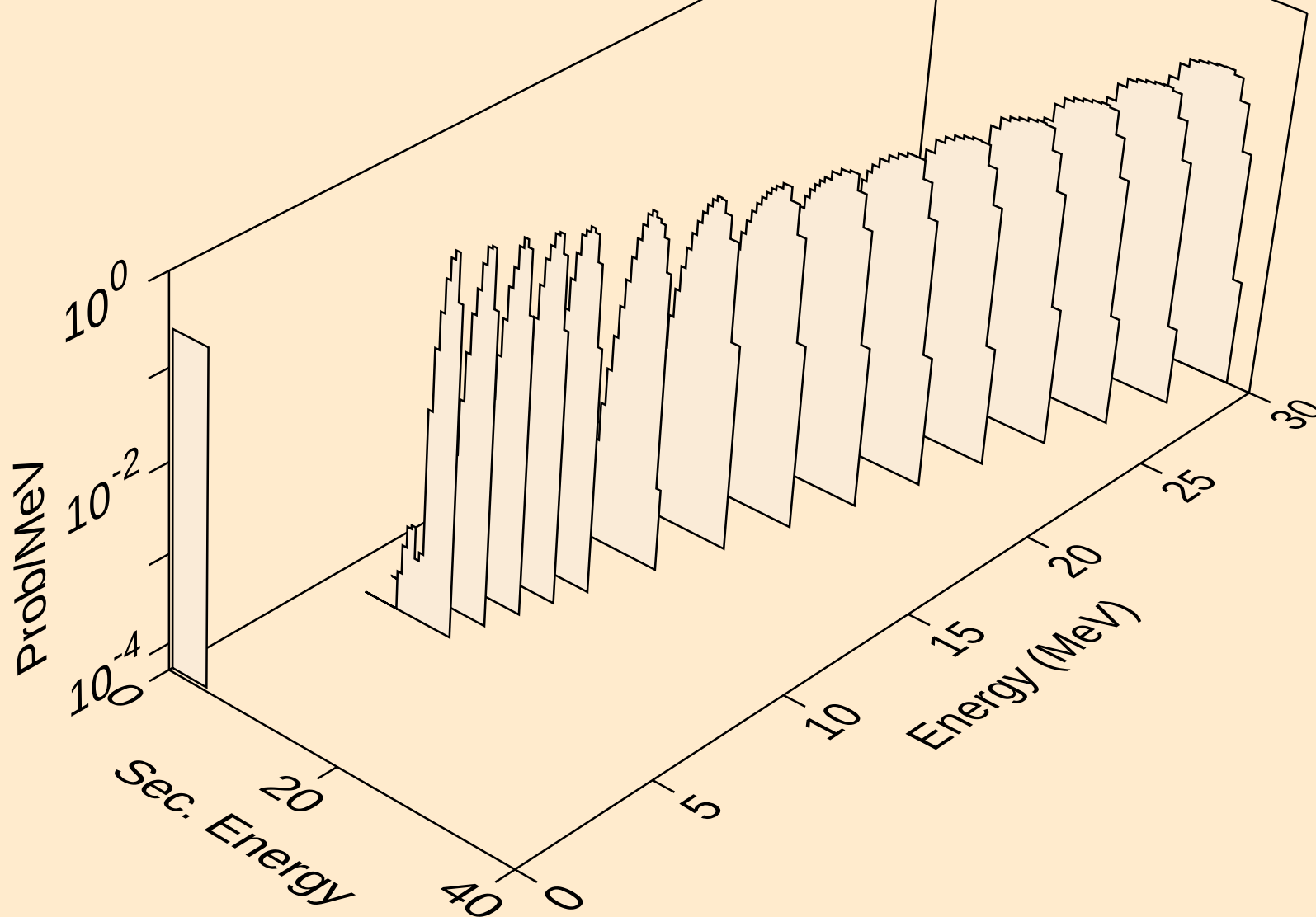
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



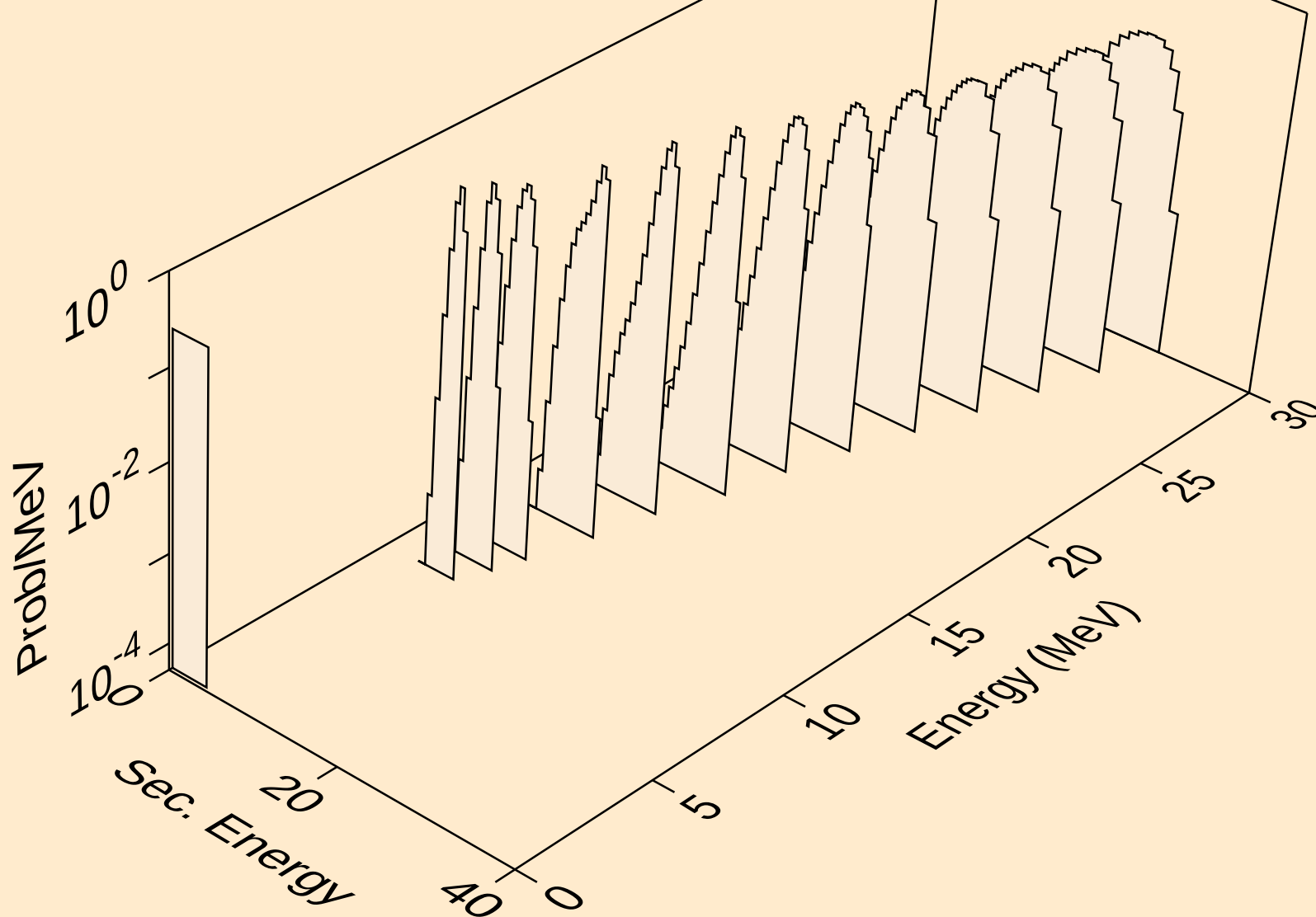
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



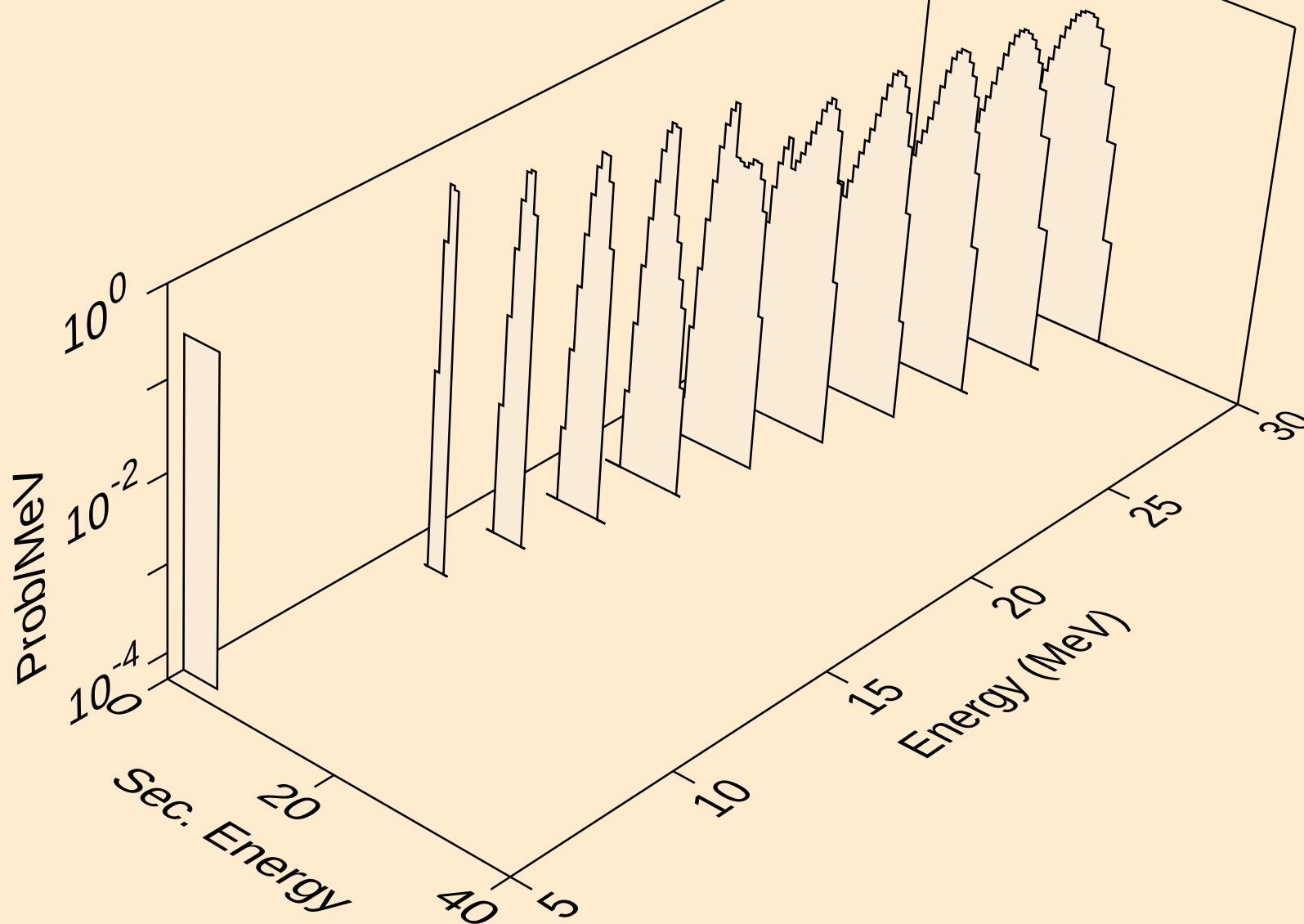
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



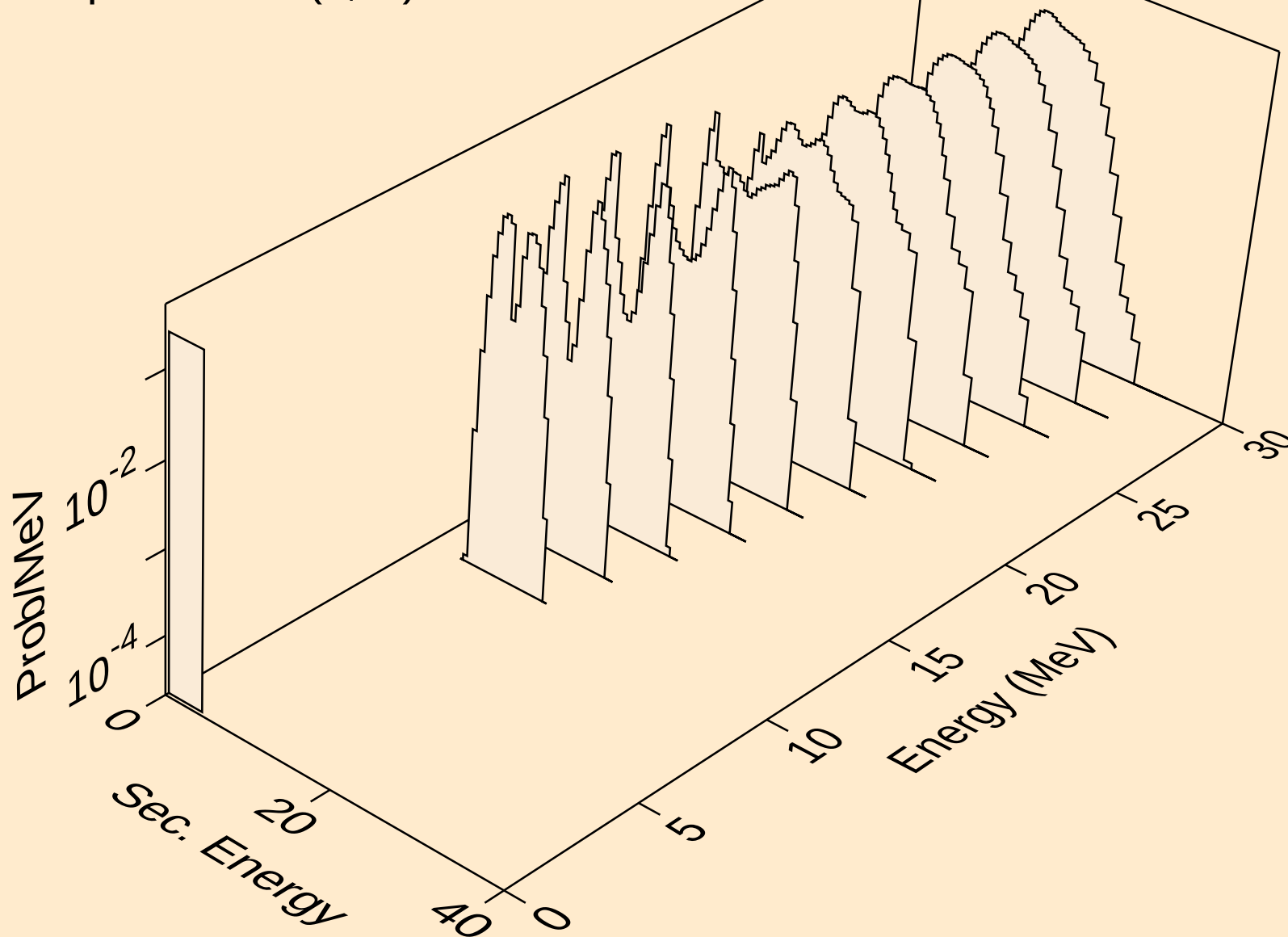
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a

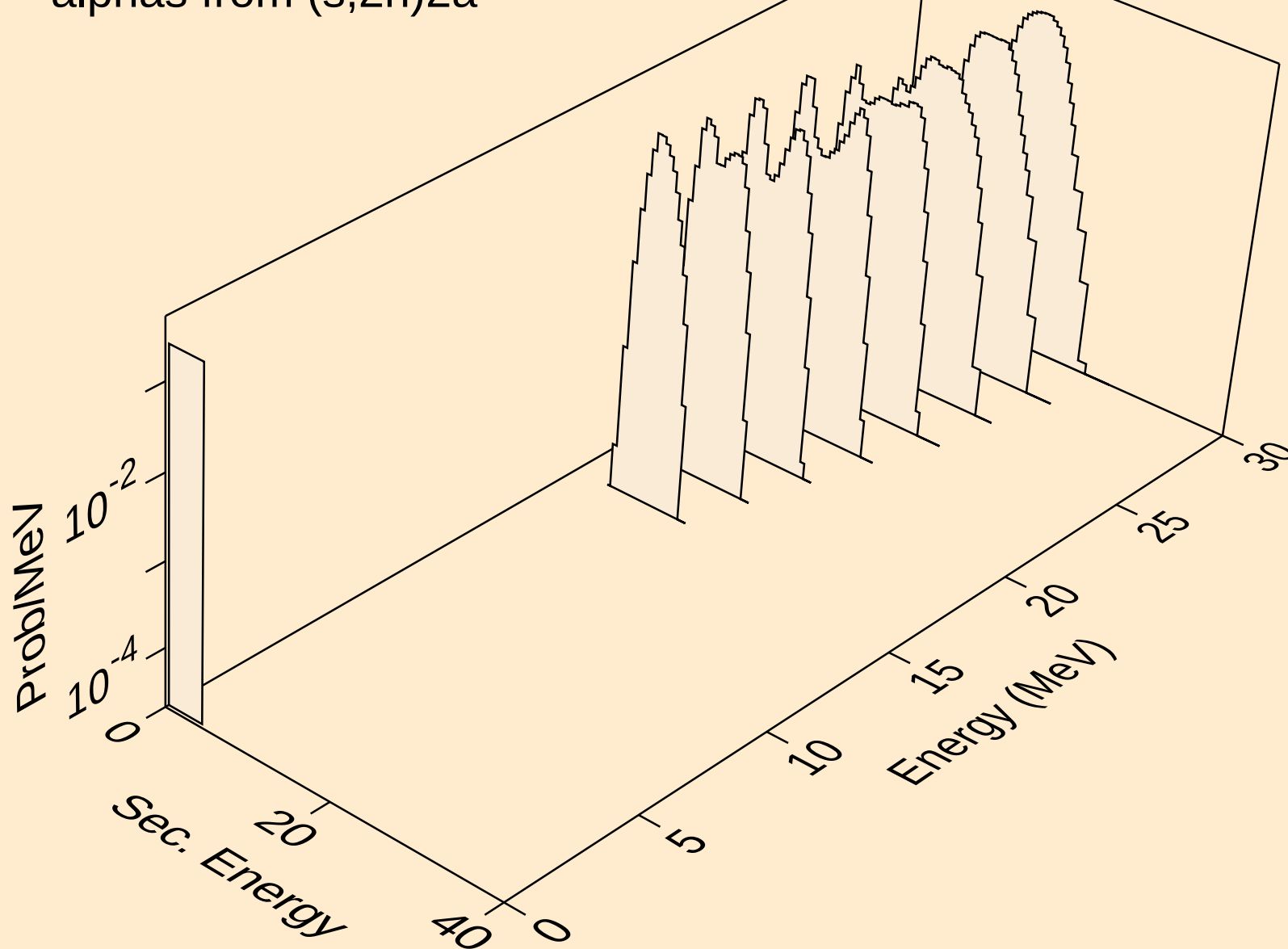


ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a

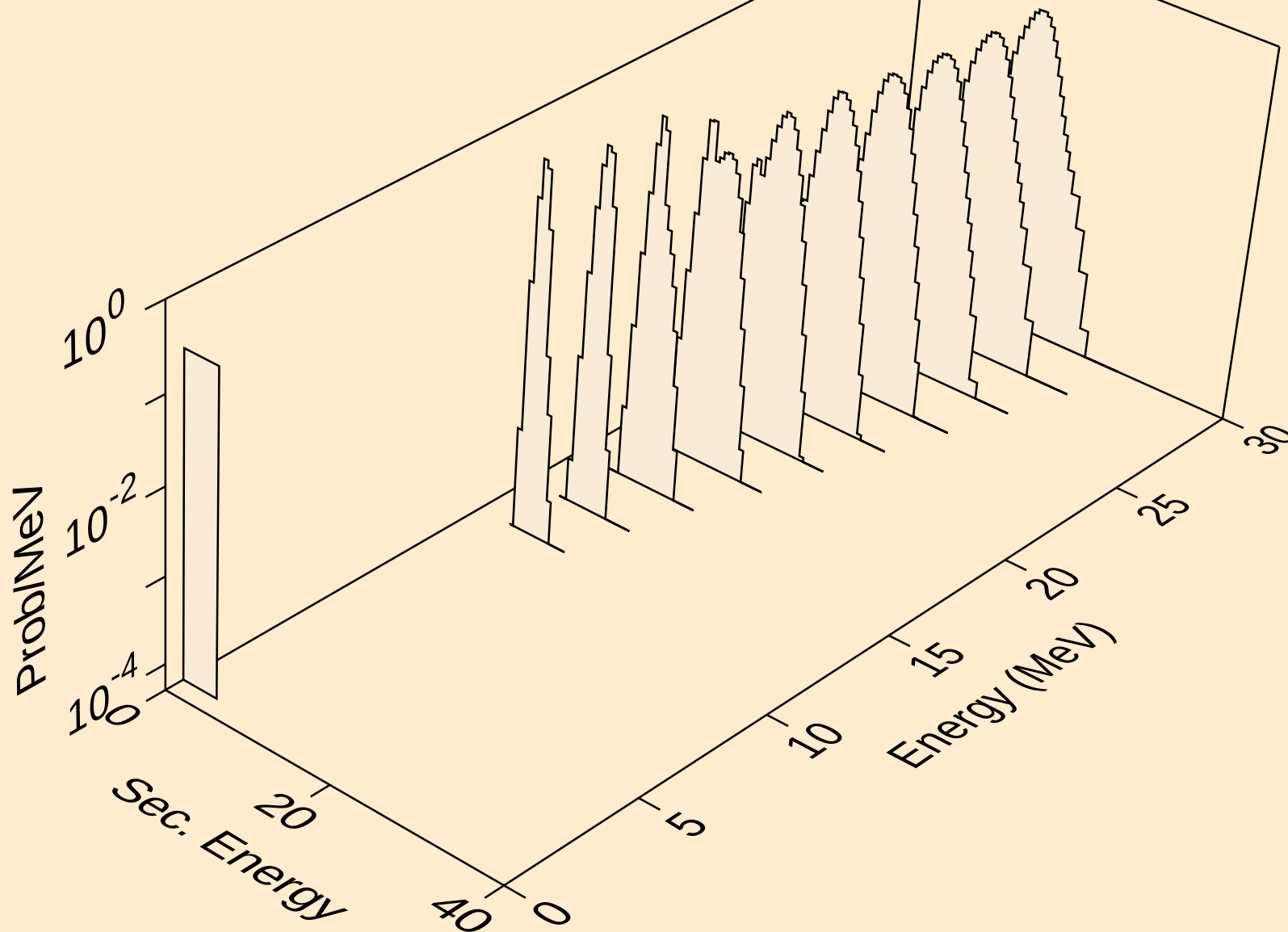




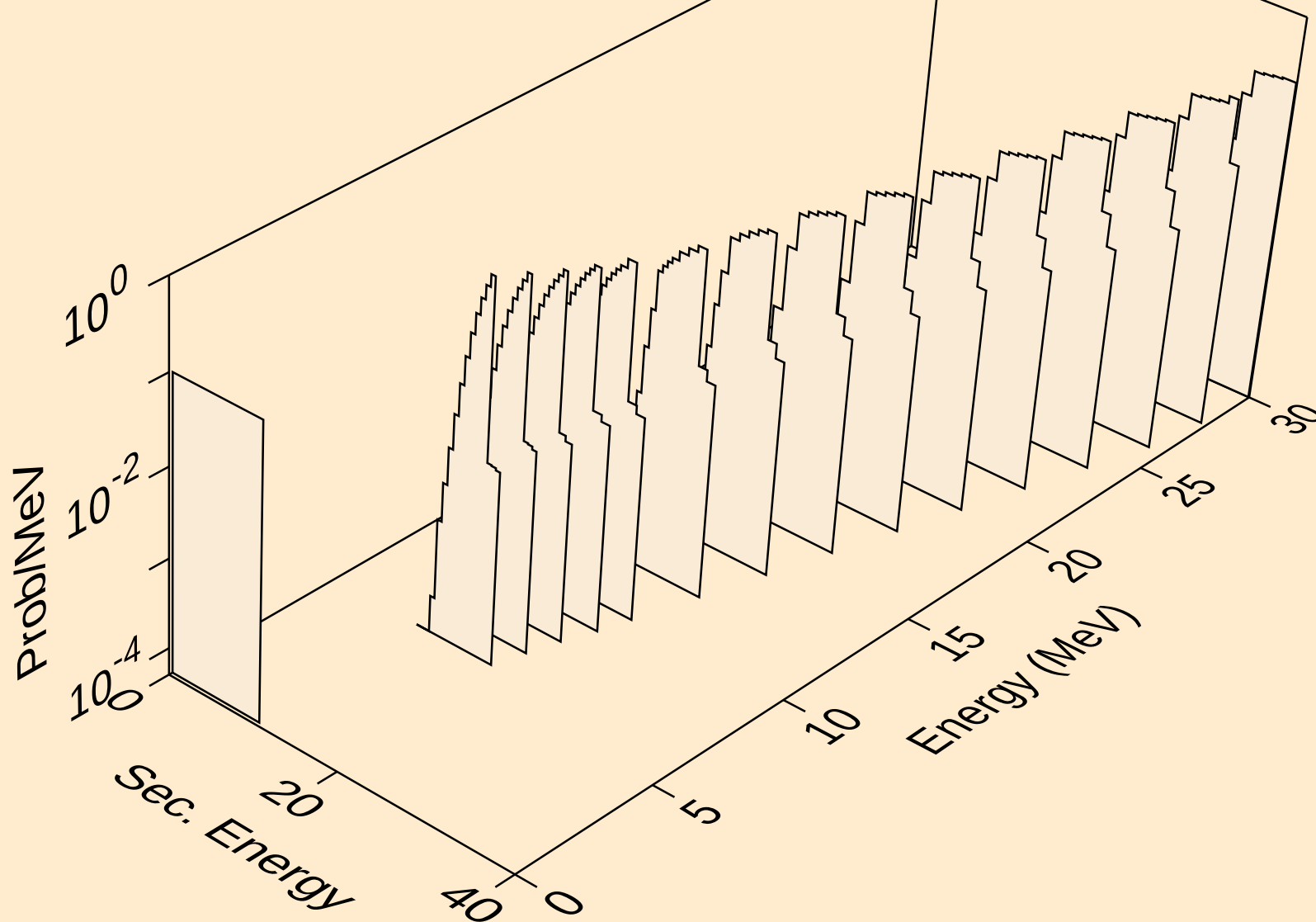
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a



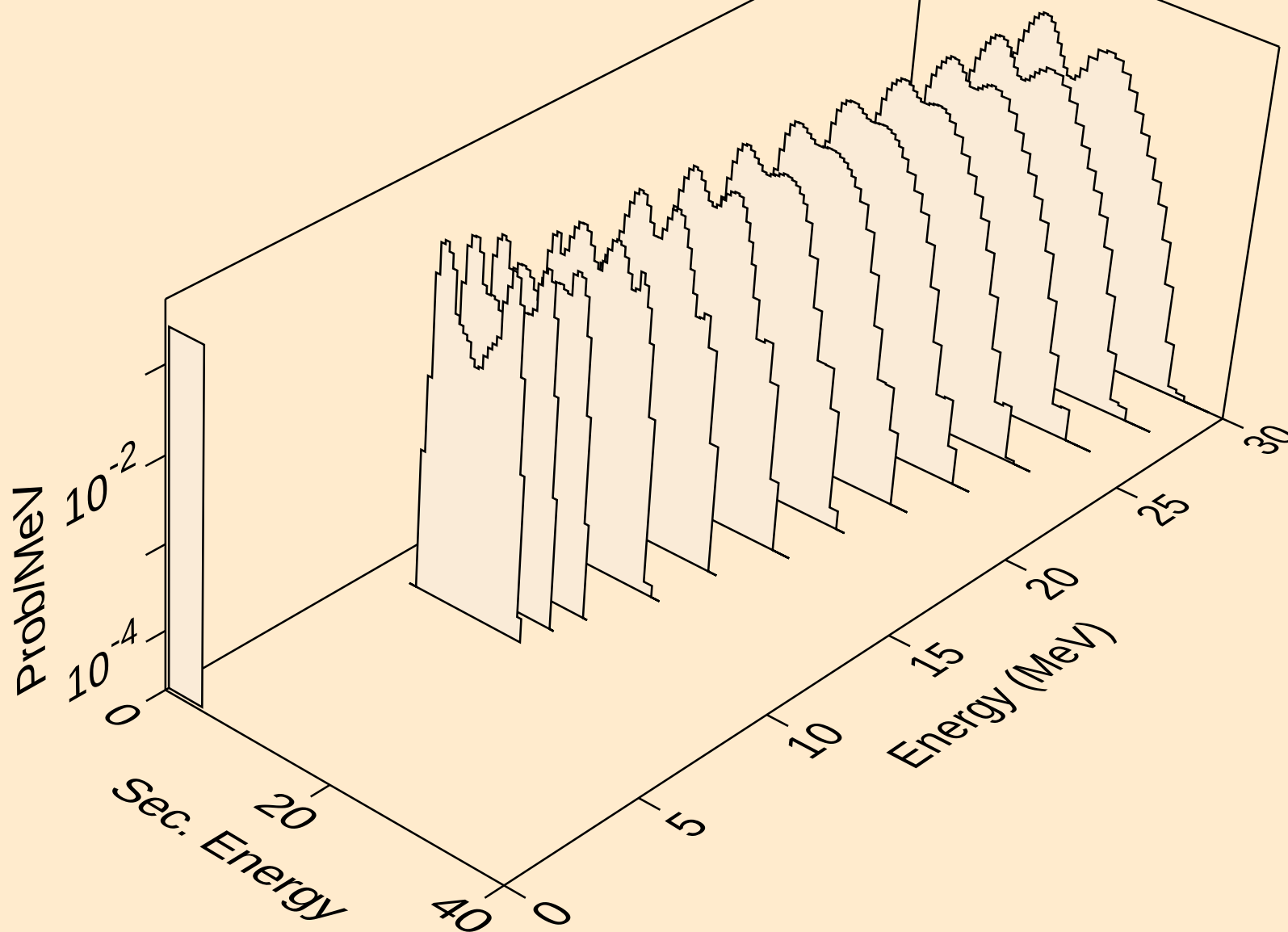
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



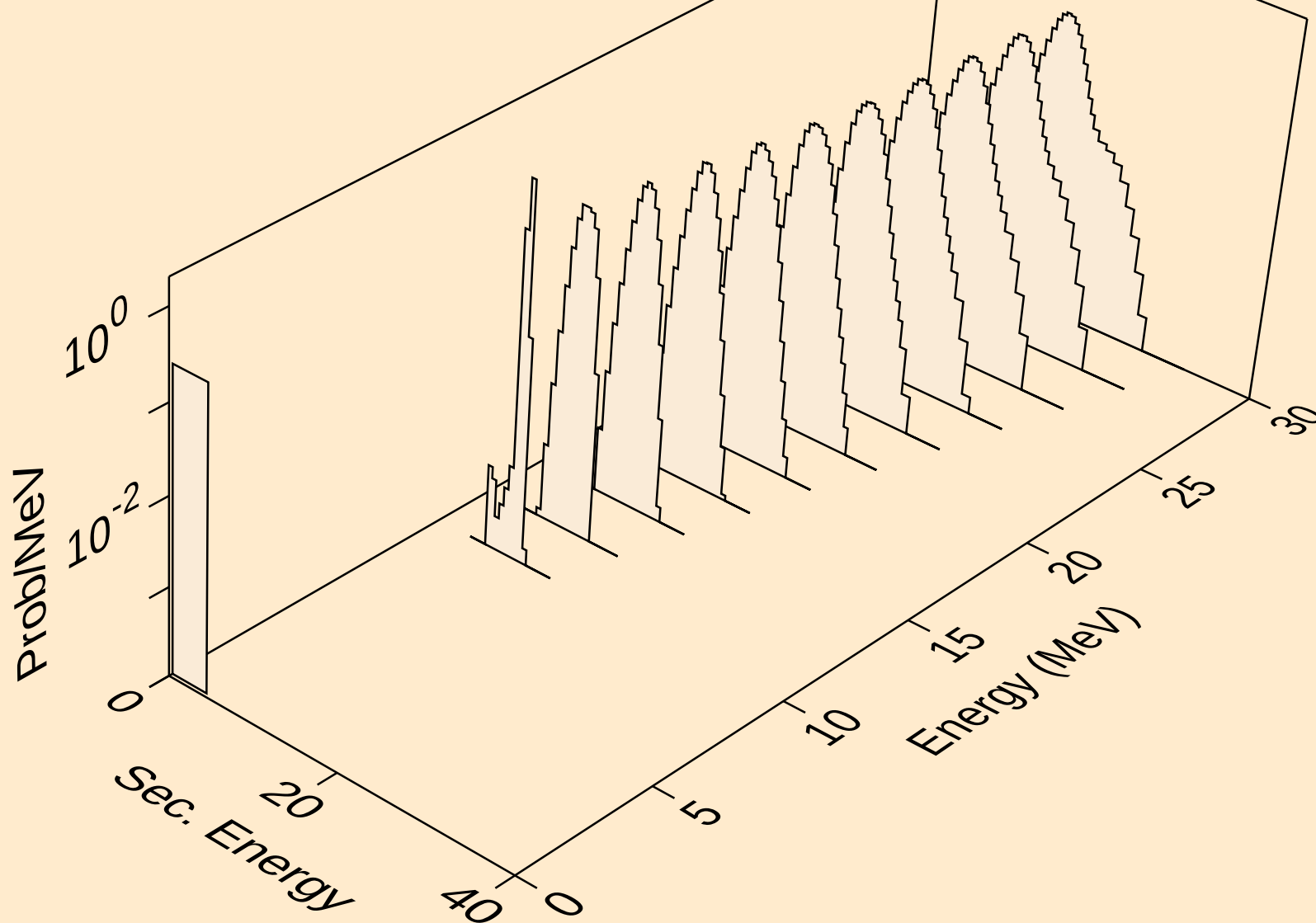
ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



ND148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

