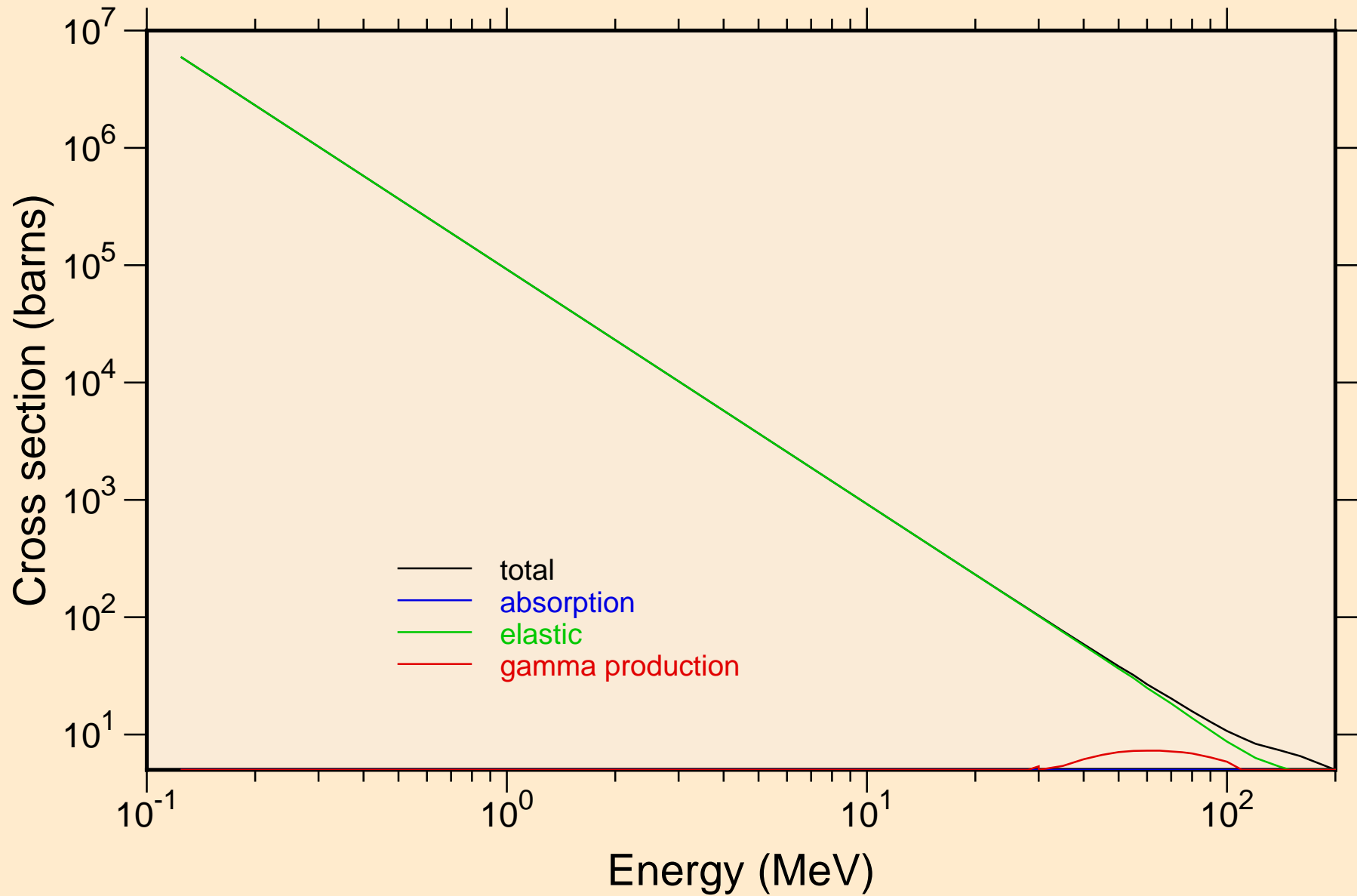
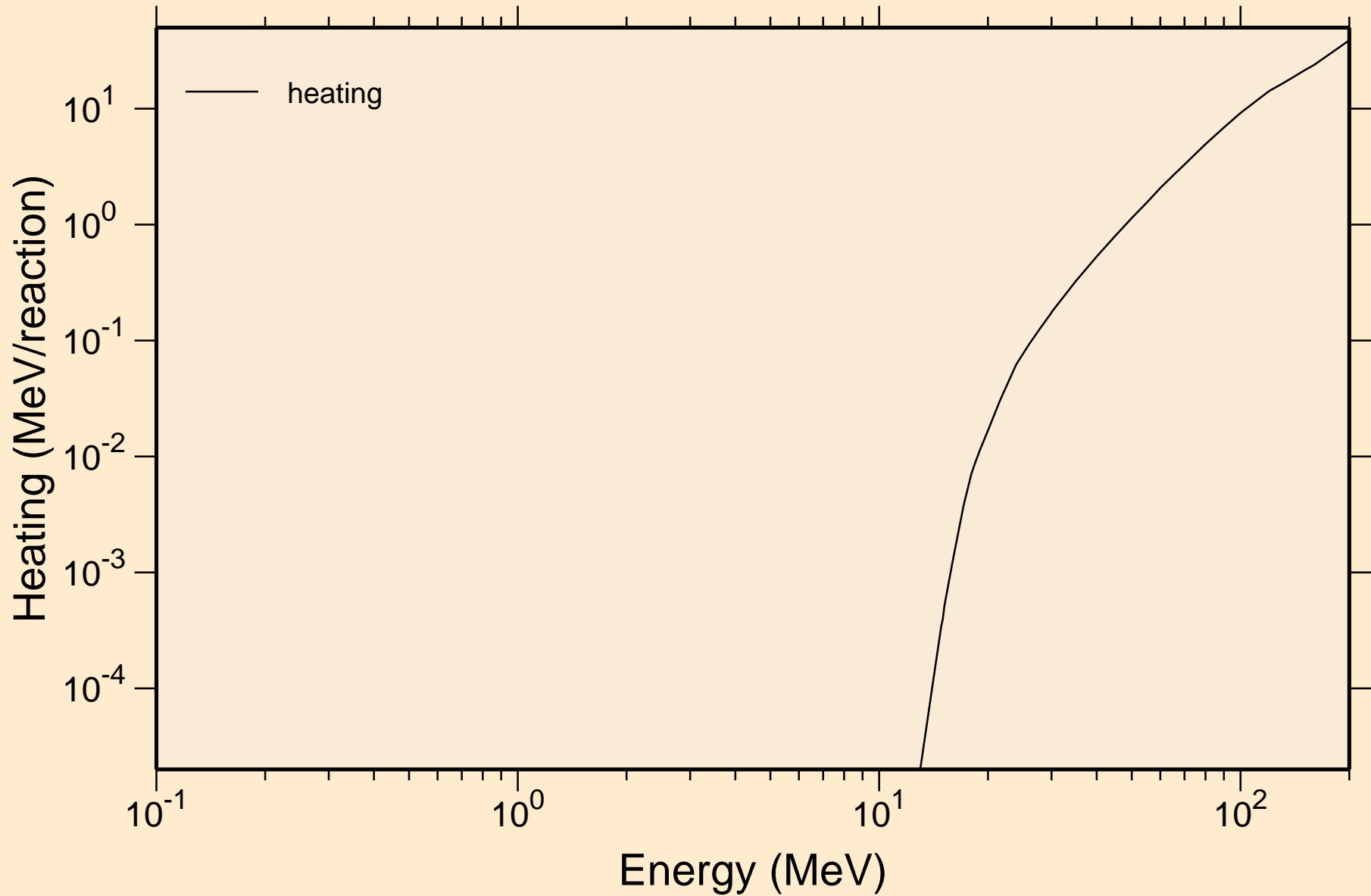


# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

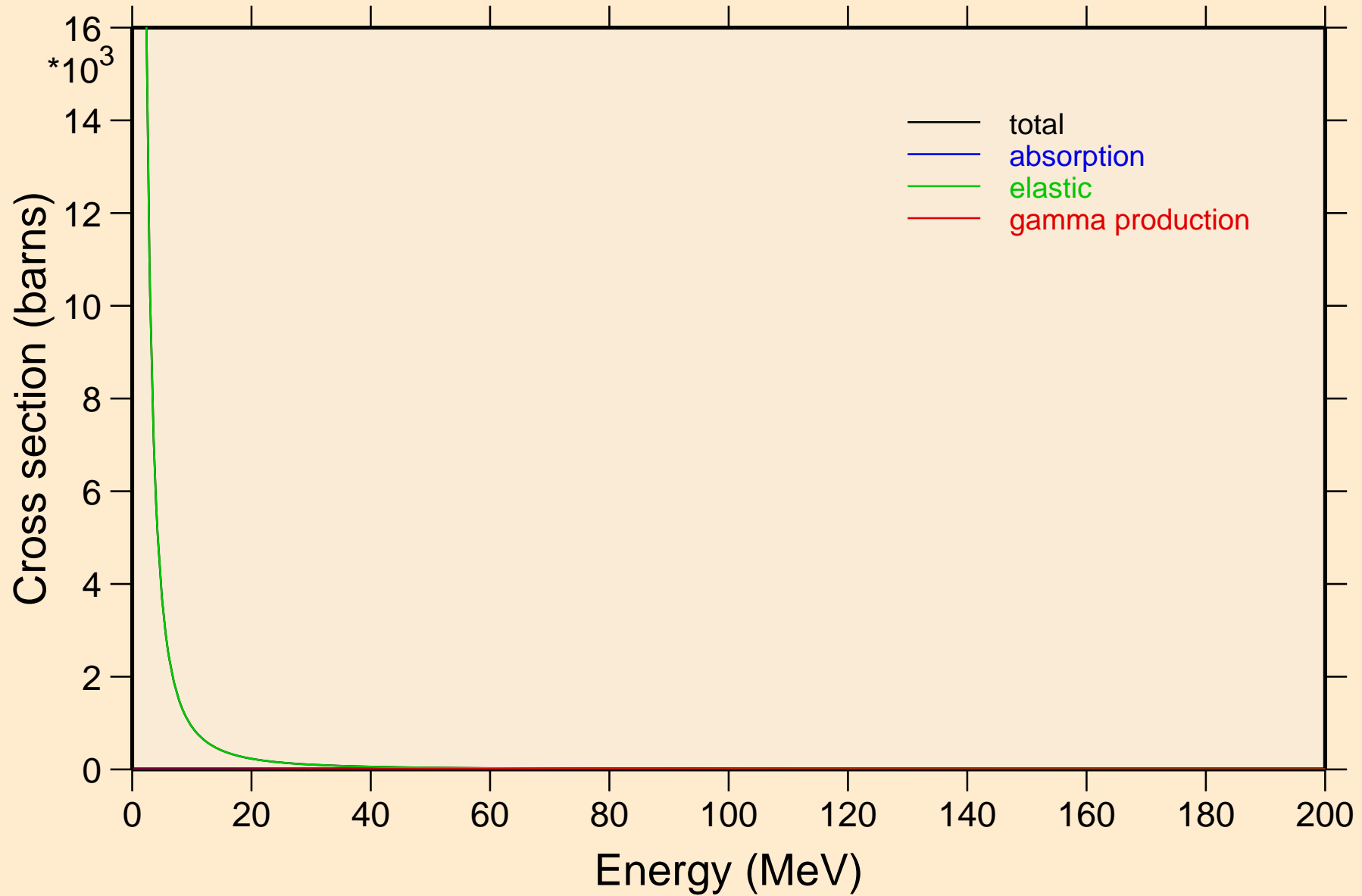


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



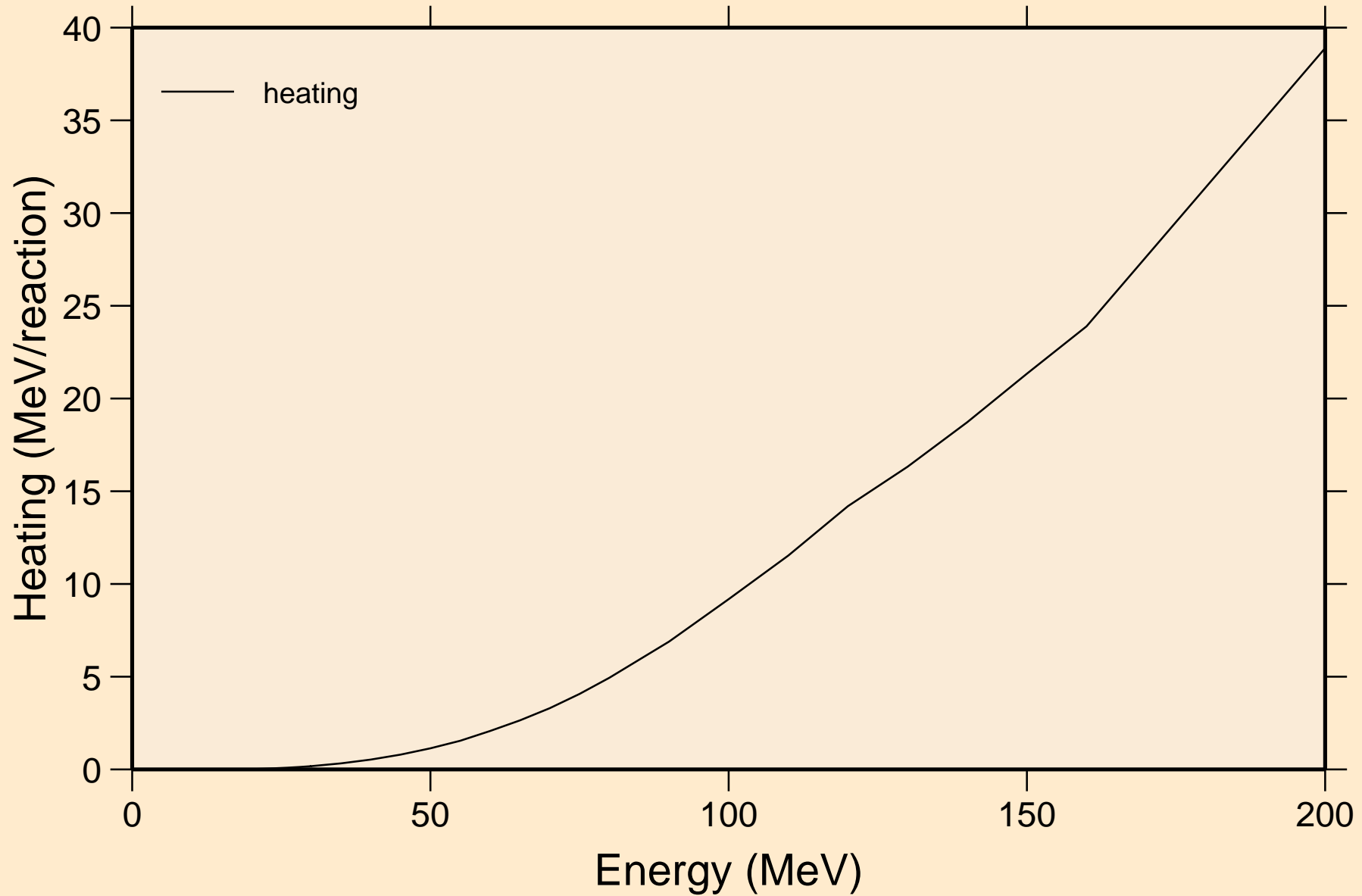
# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



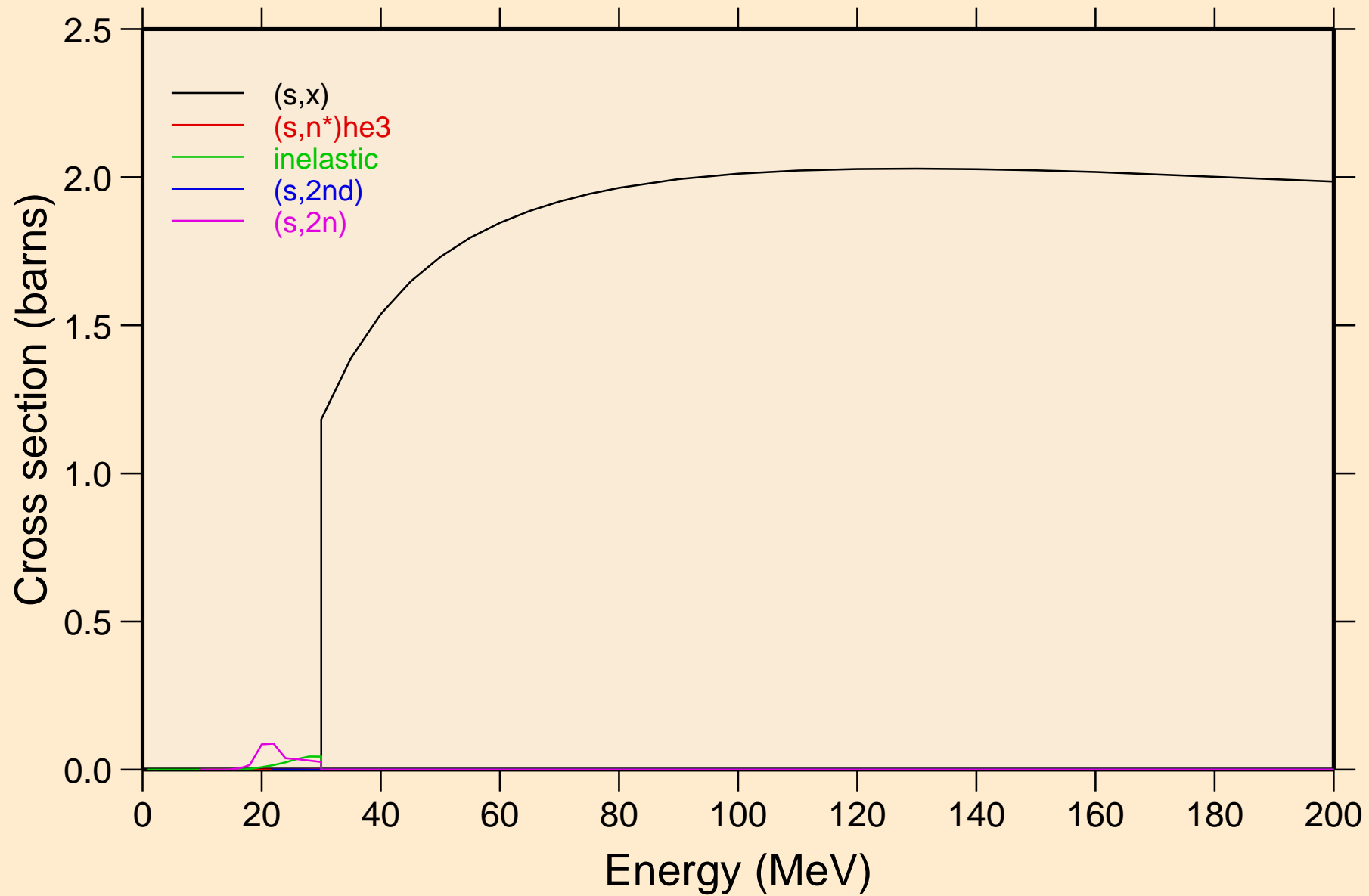
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

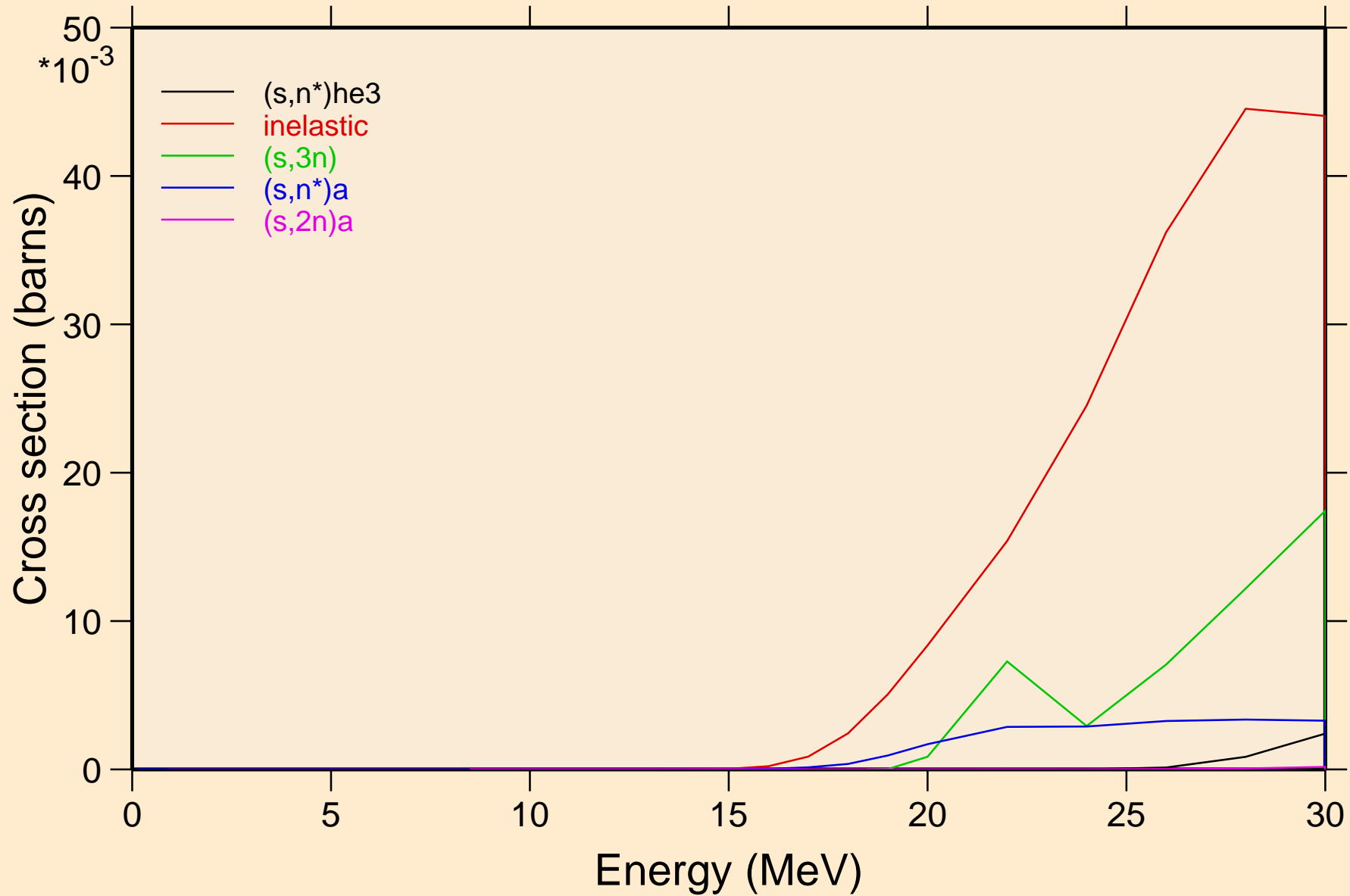


# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

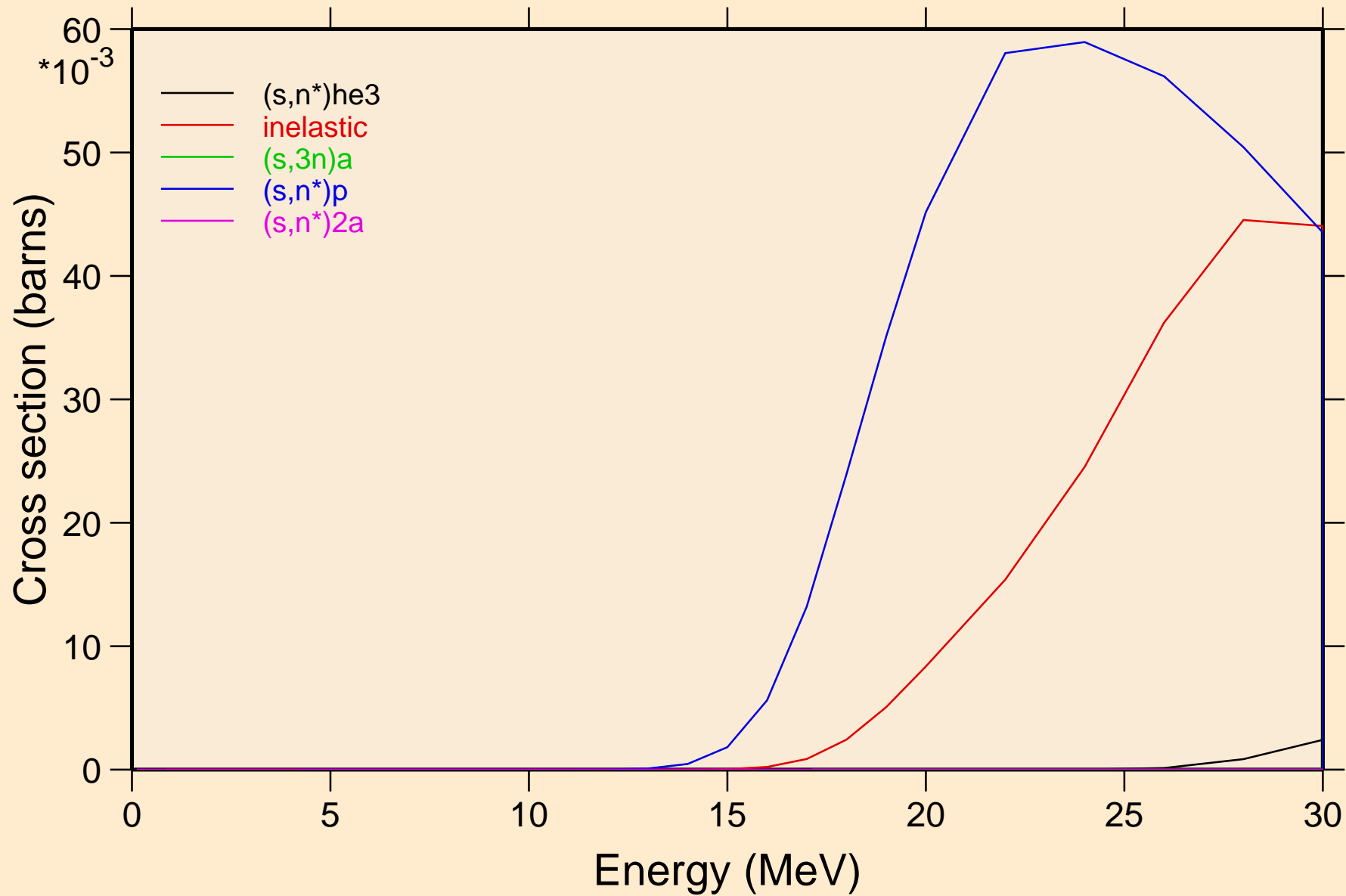
## Threshold reactions



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

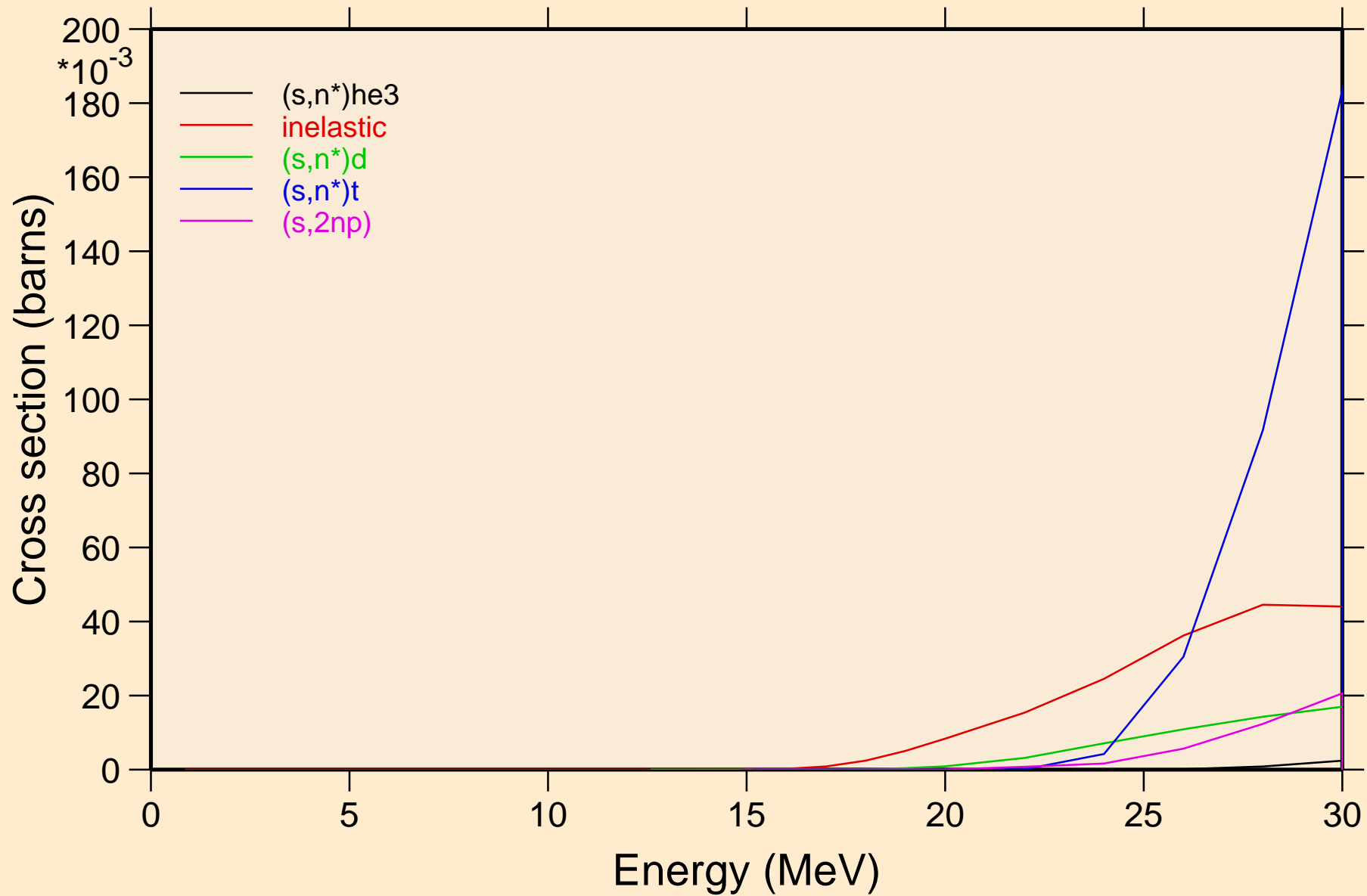


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

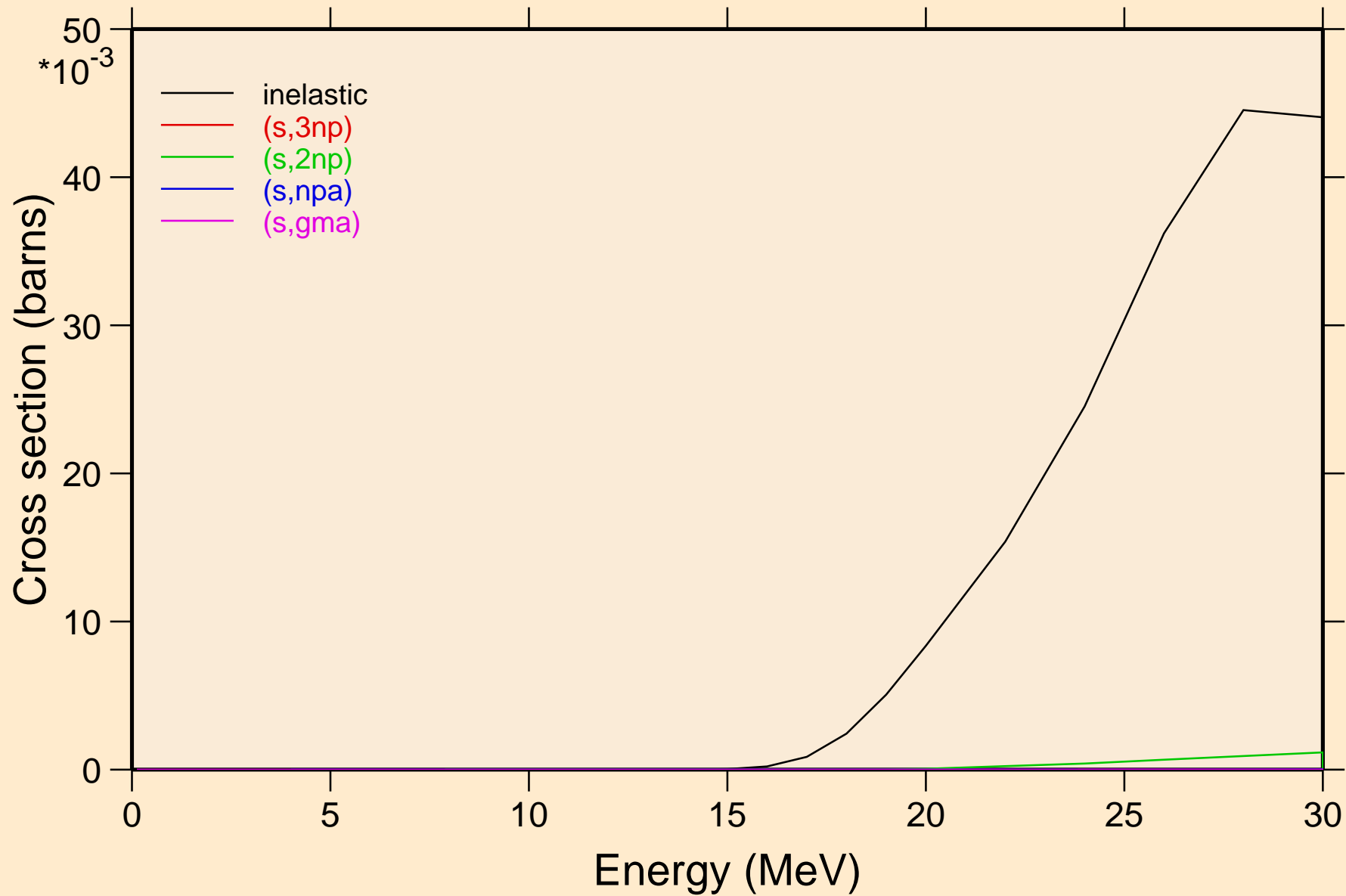
## Threshold reactions





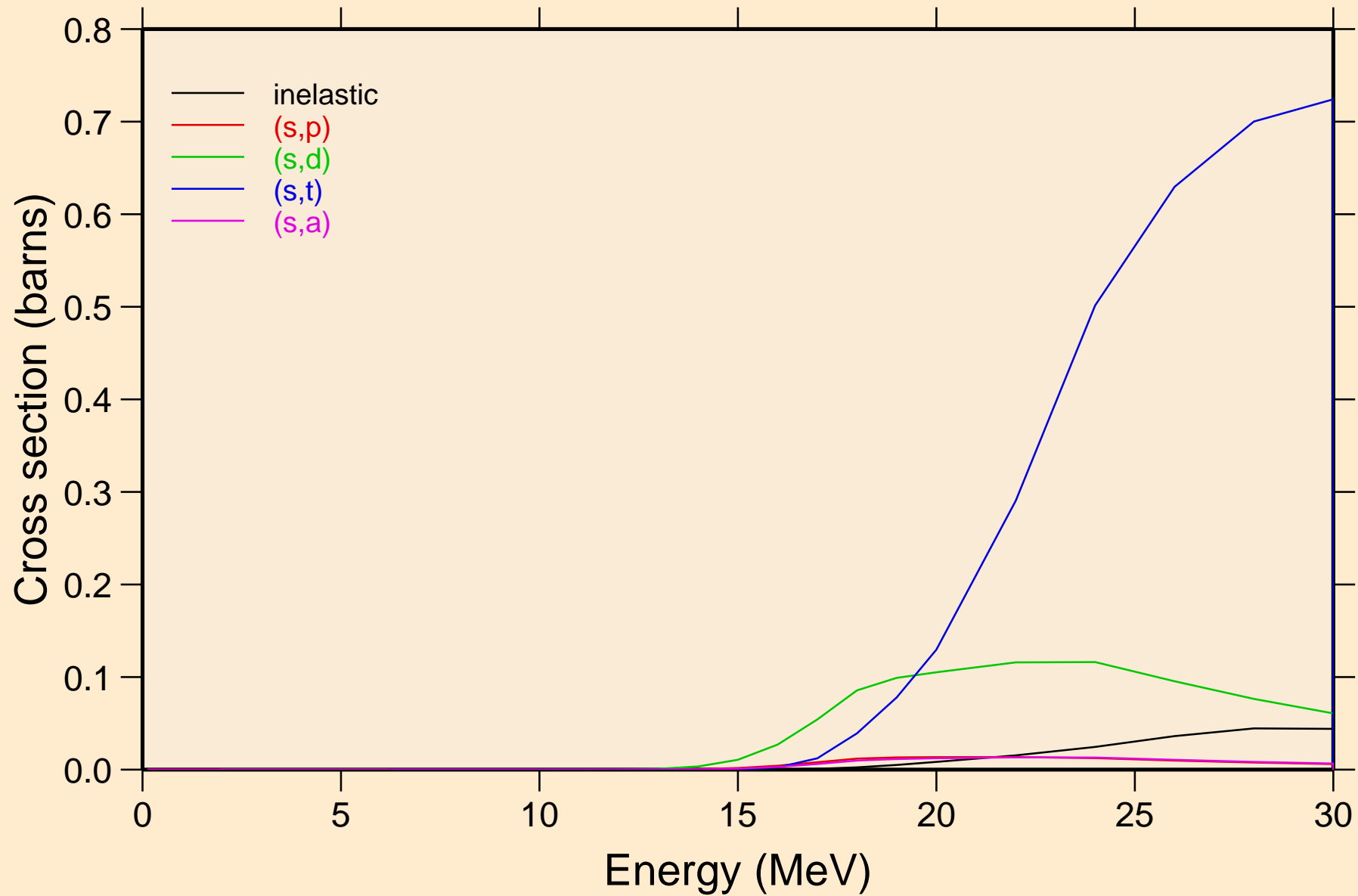
# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



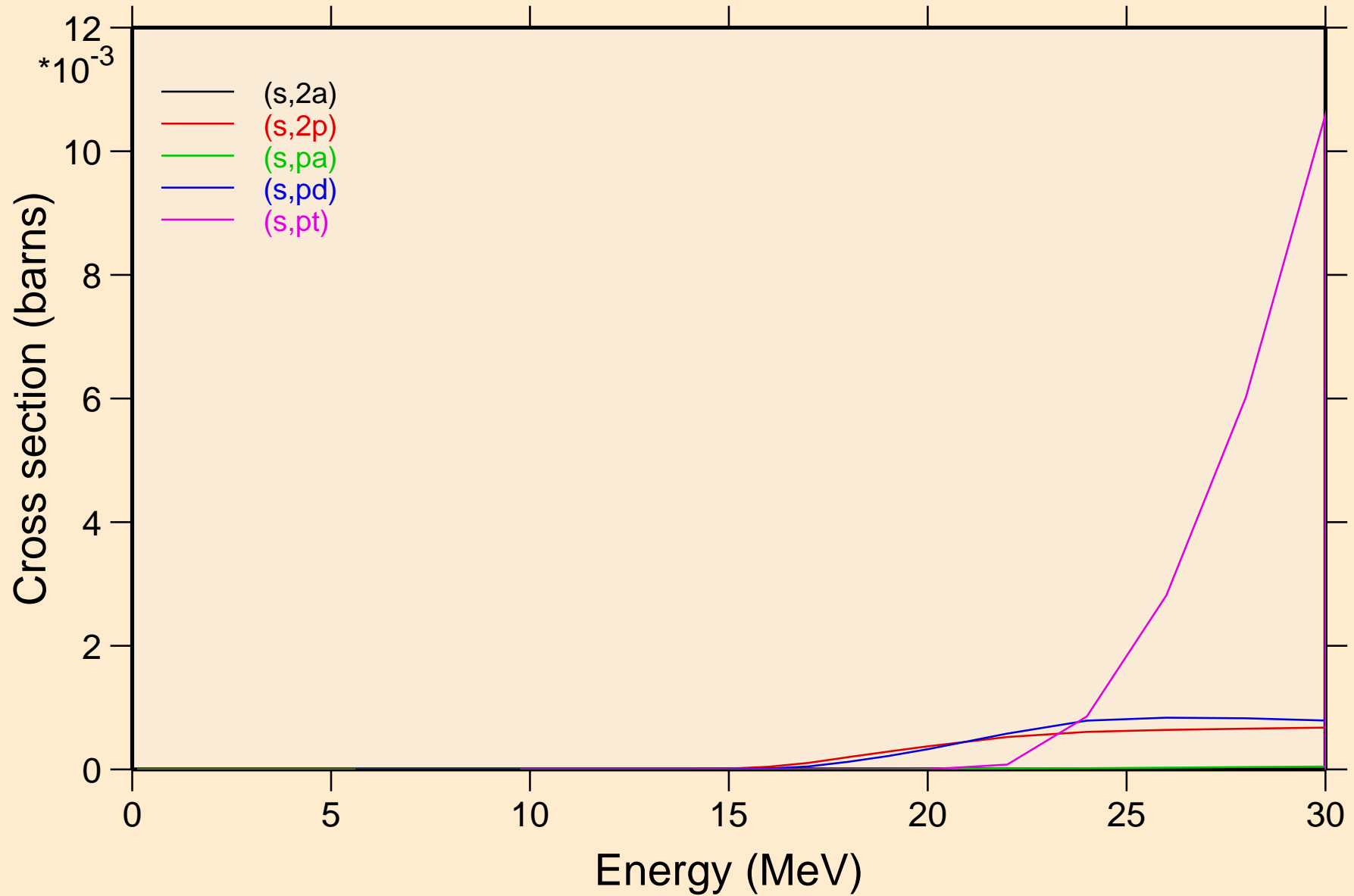
# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

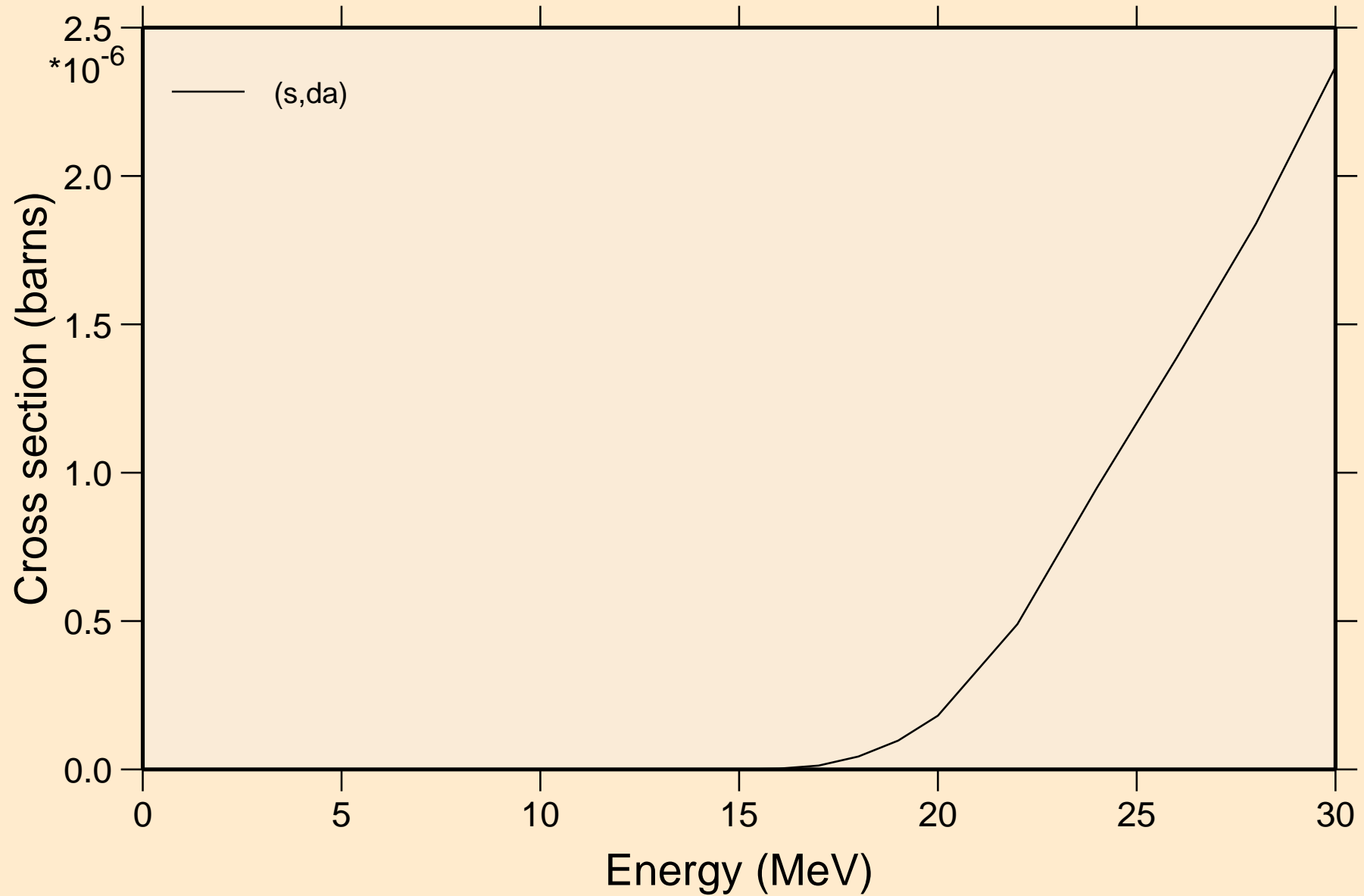


# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

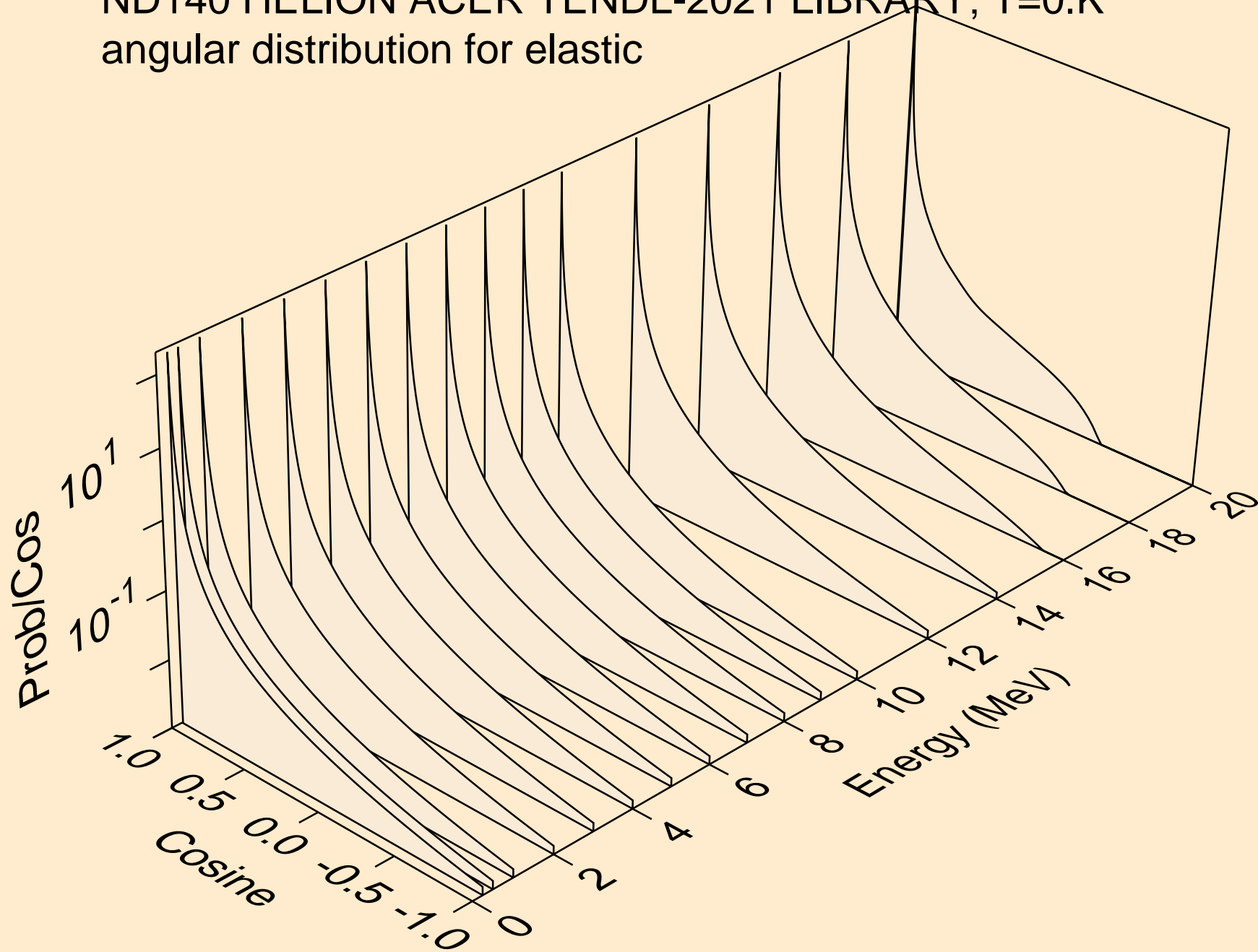
## Threshold reactions



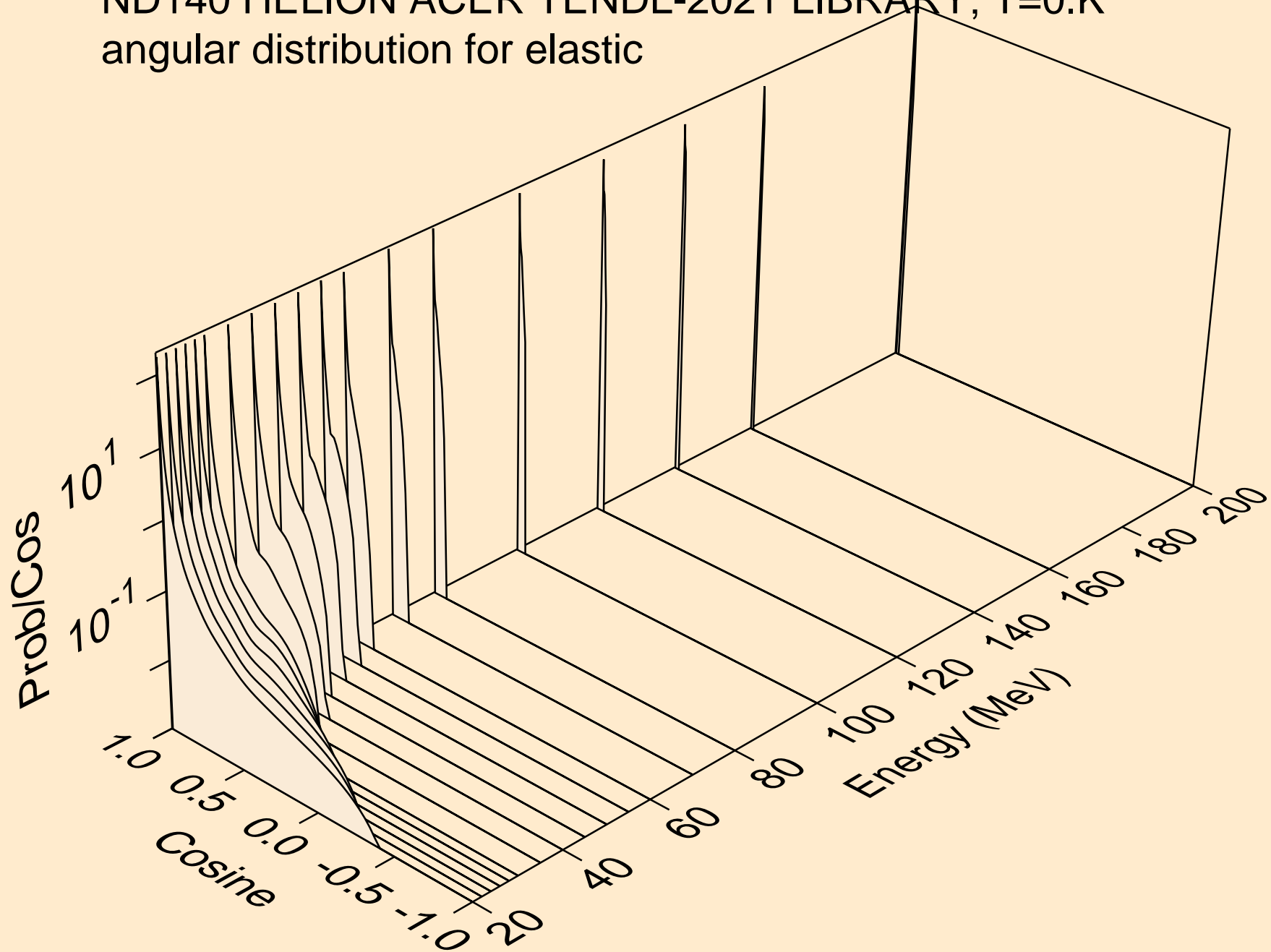
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



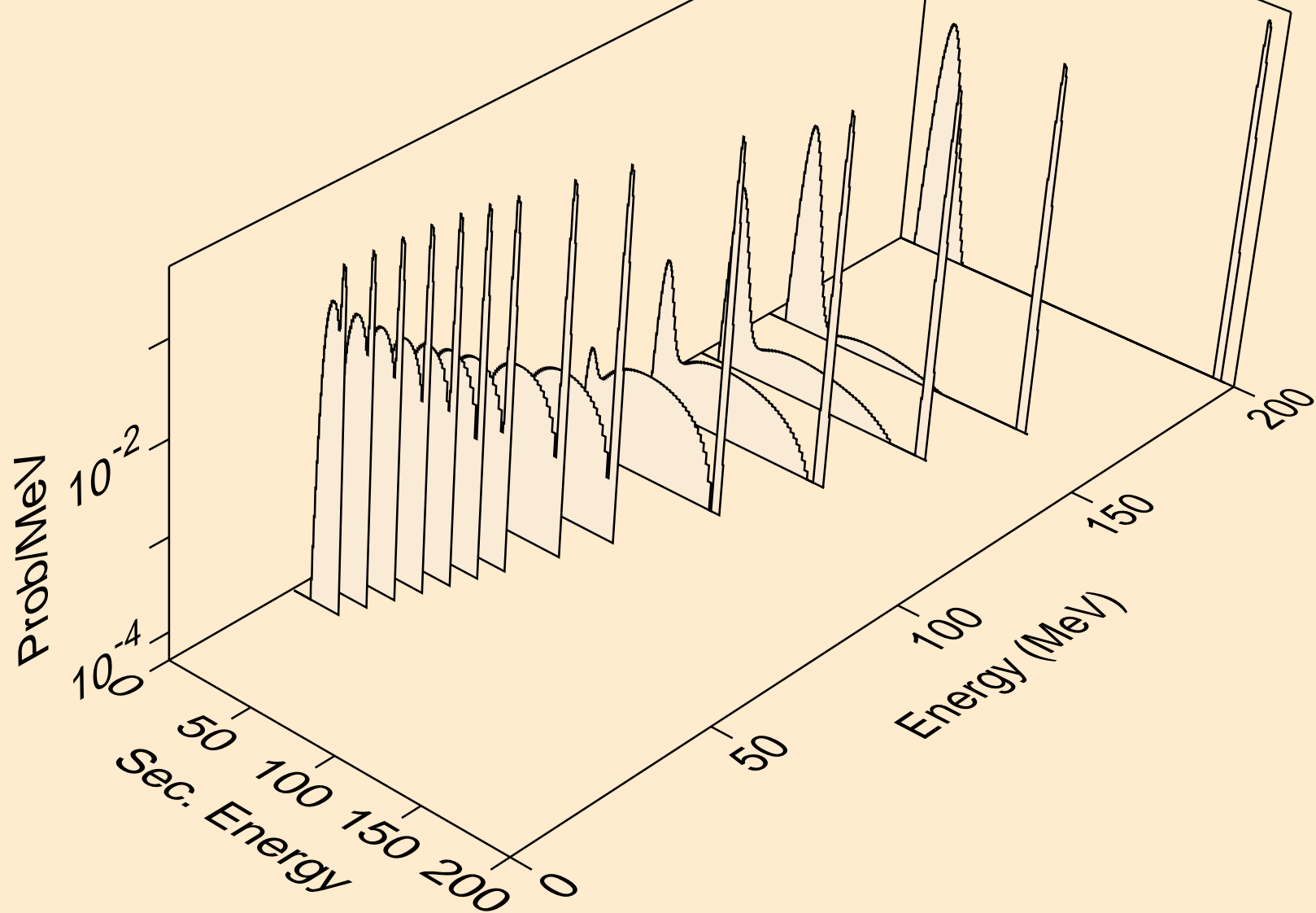
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



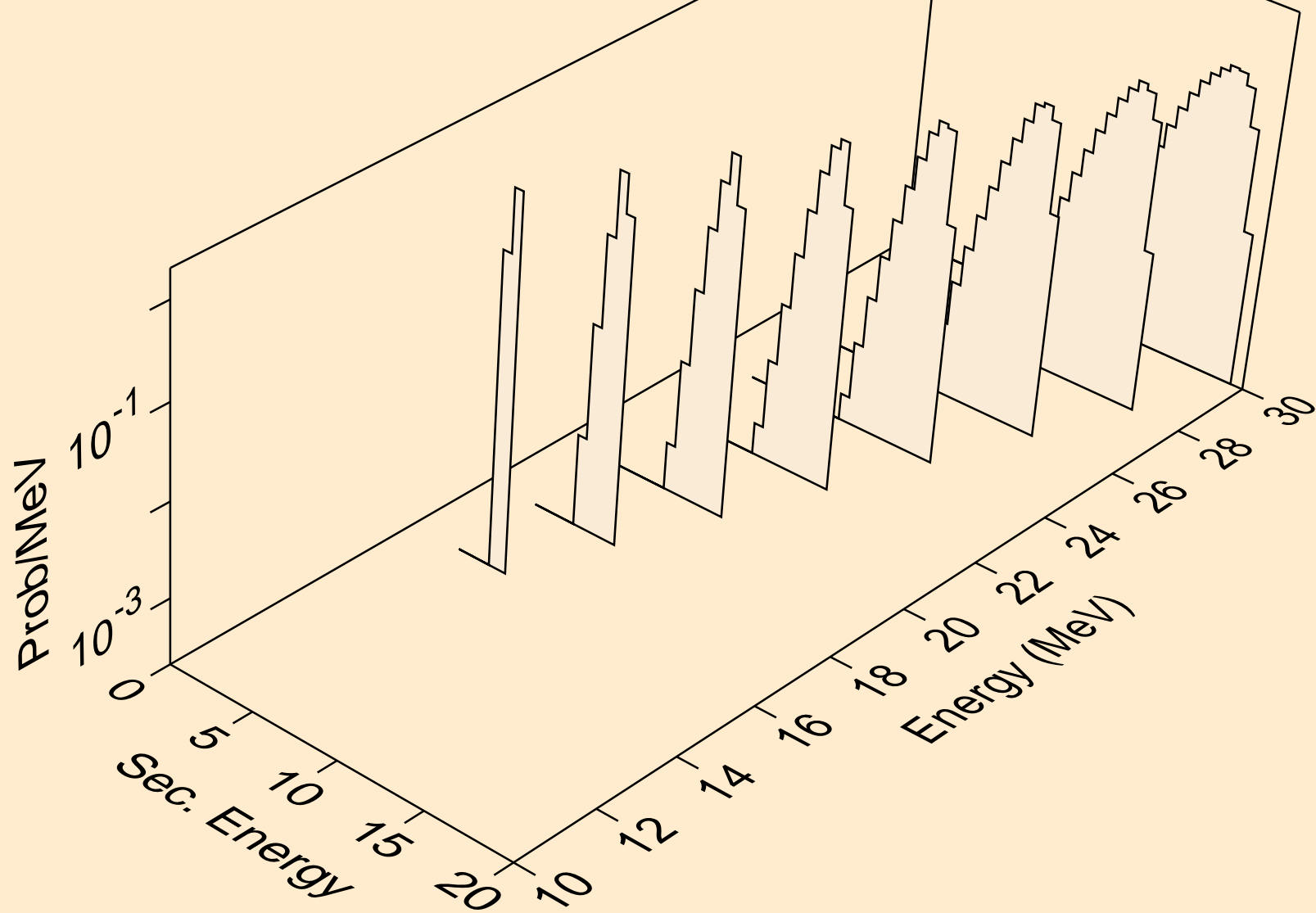
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

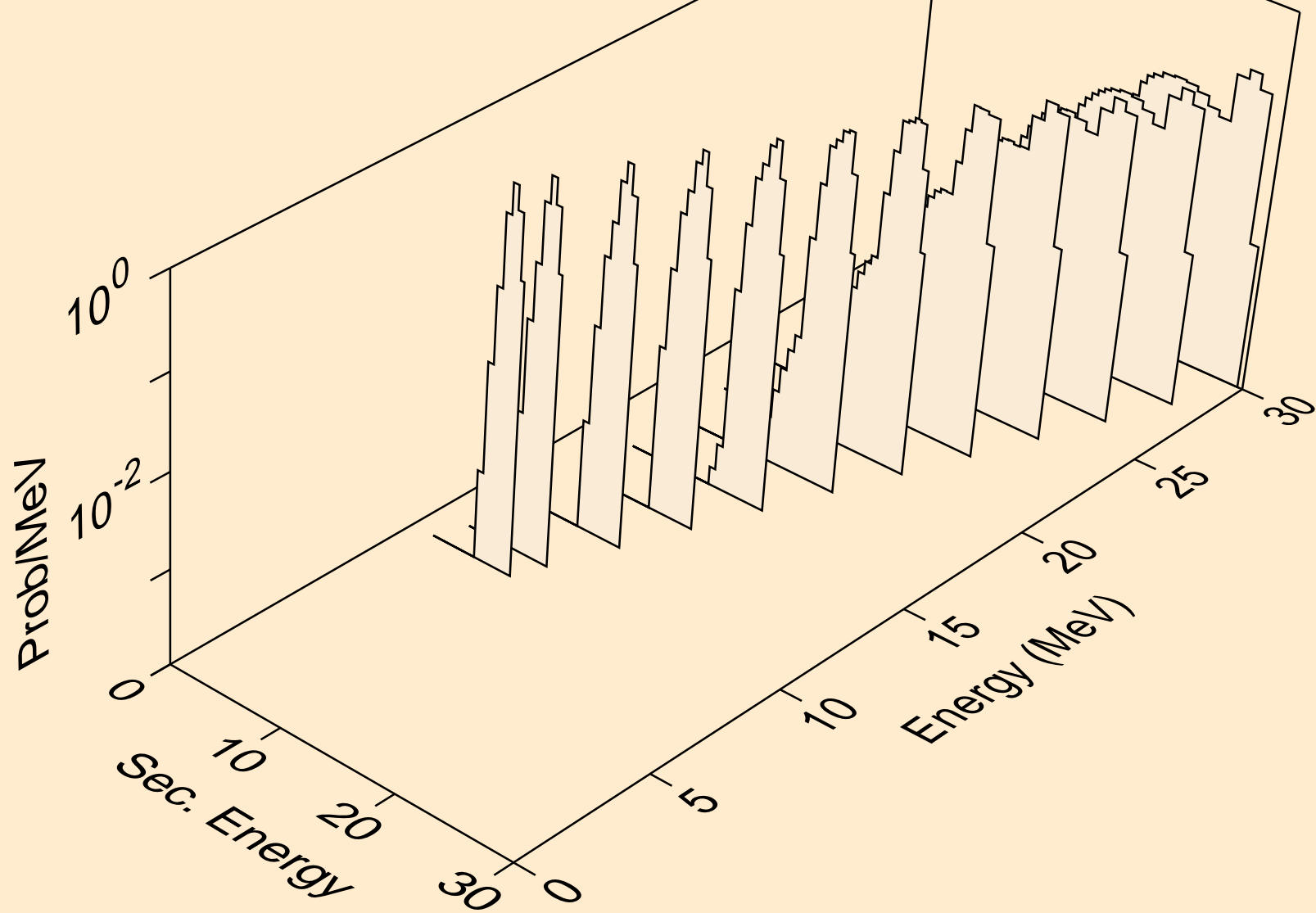


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

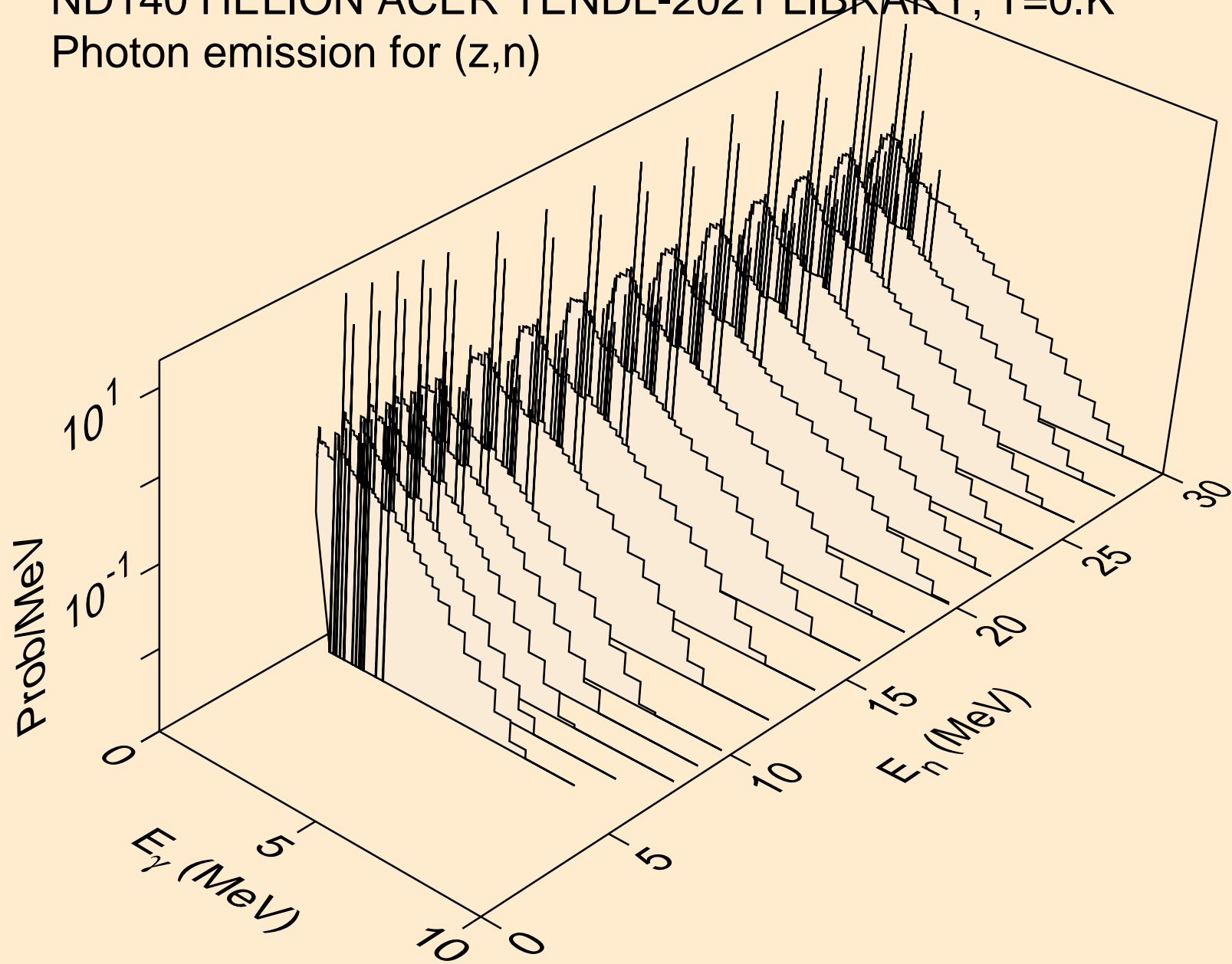




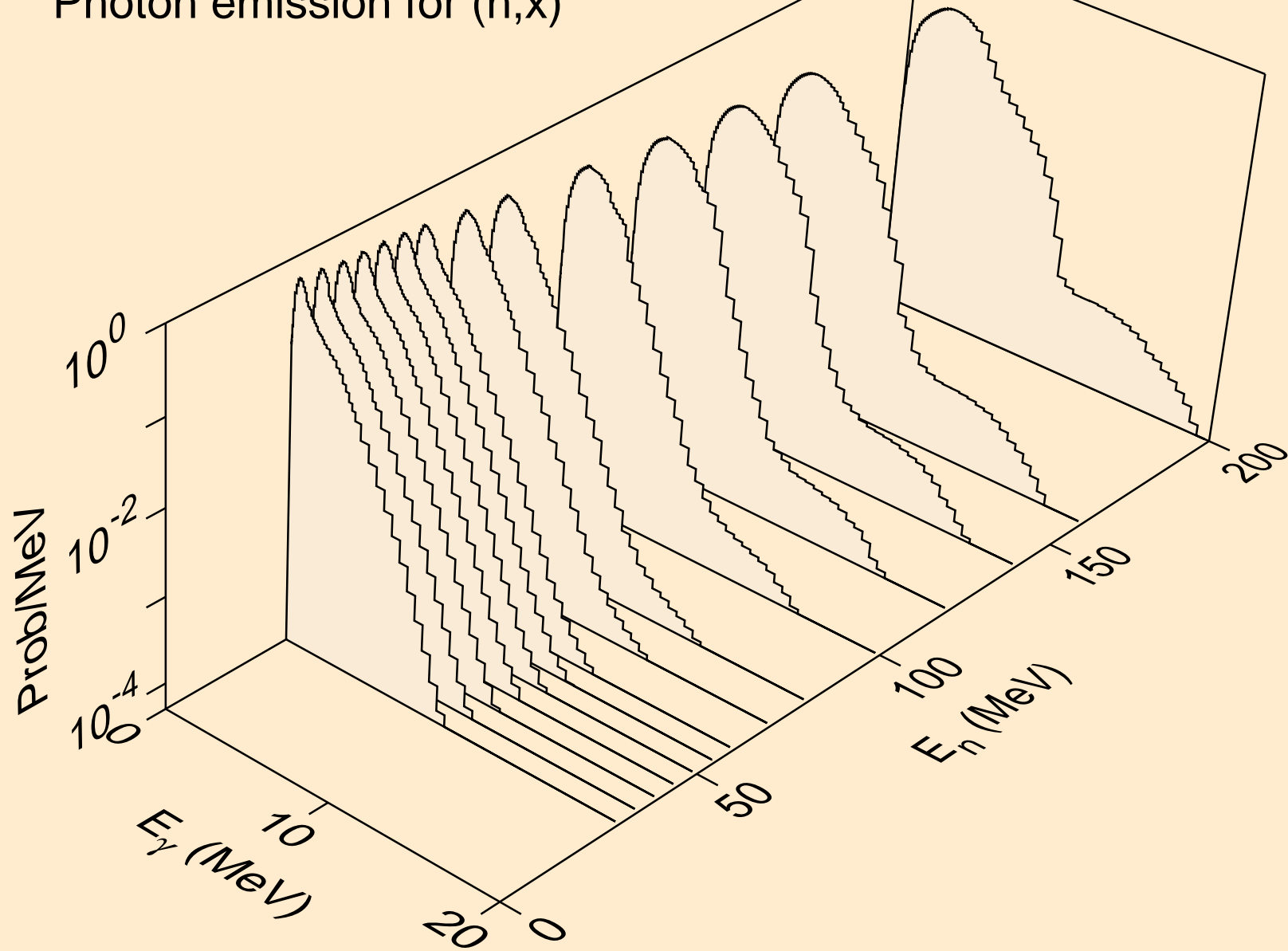
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



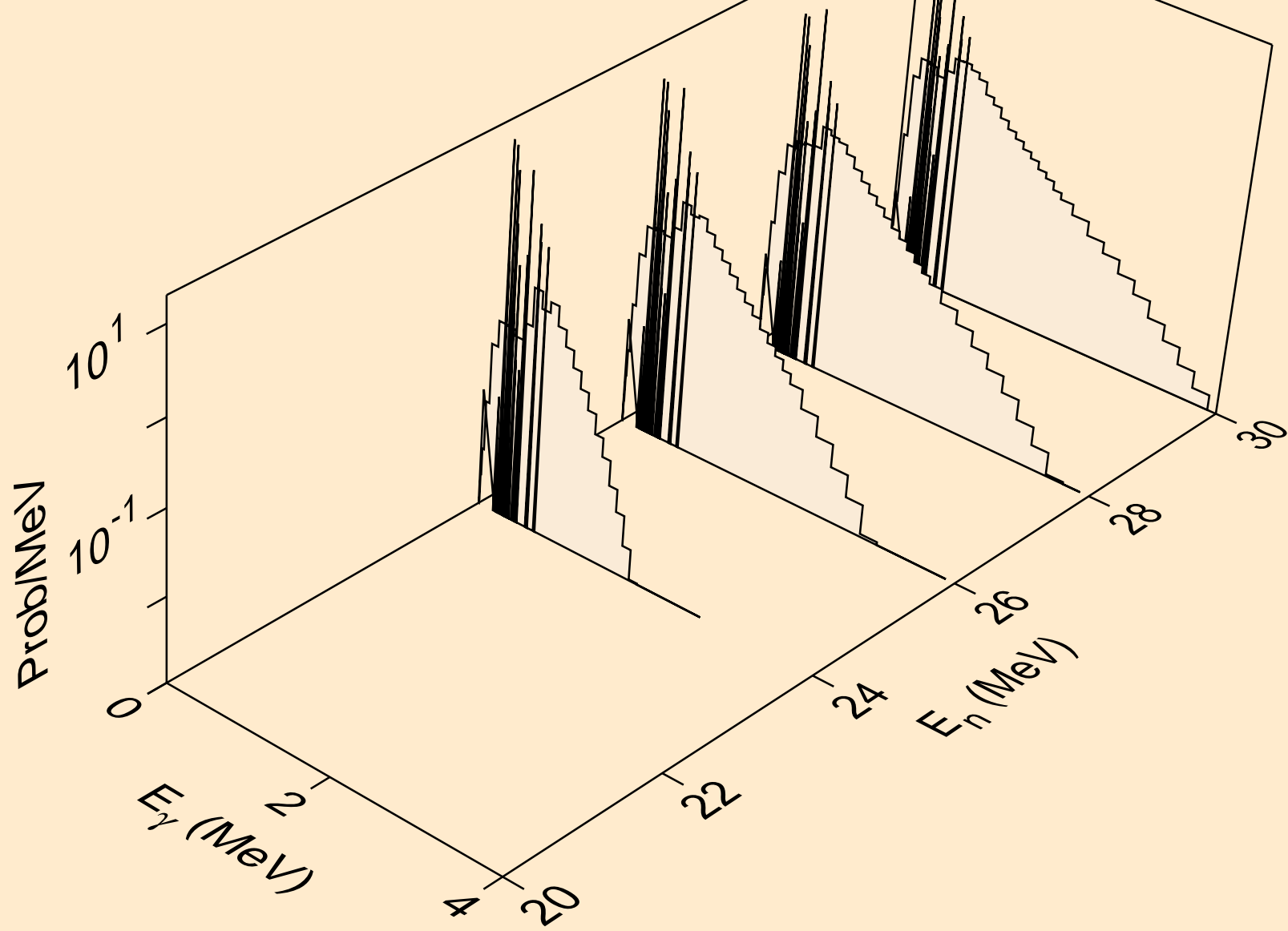
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



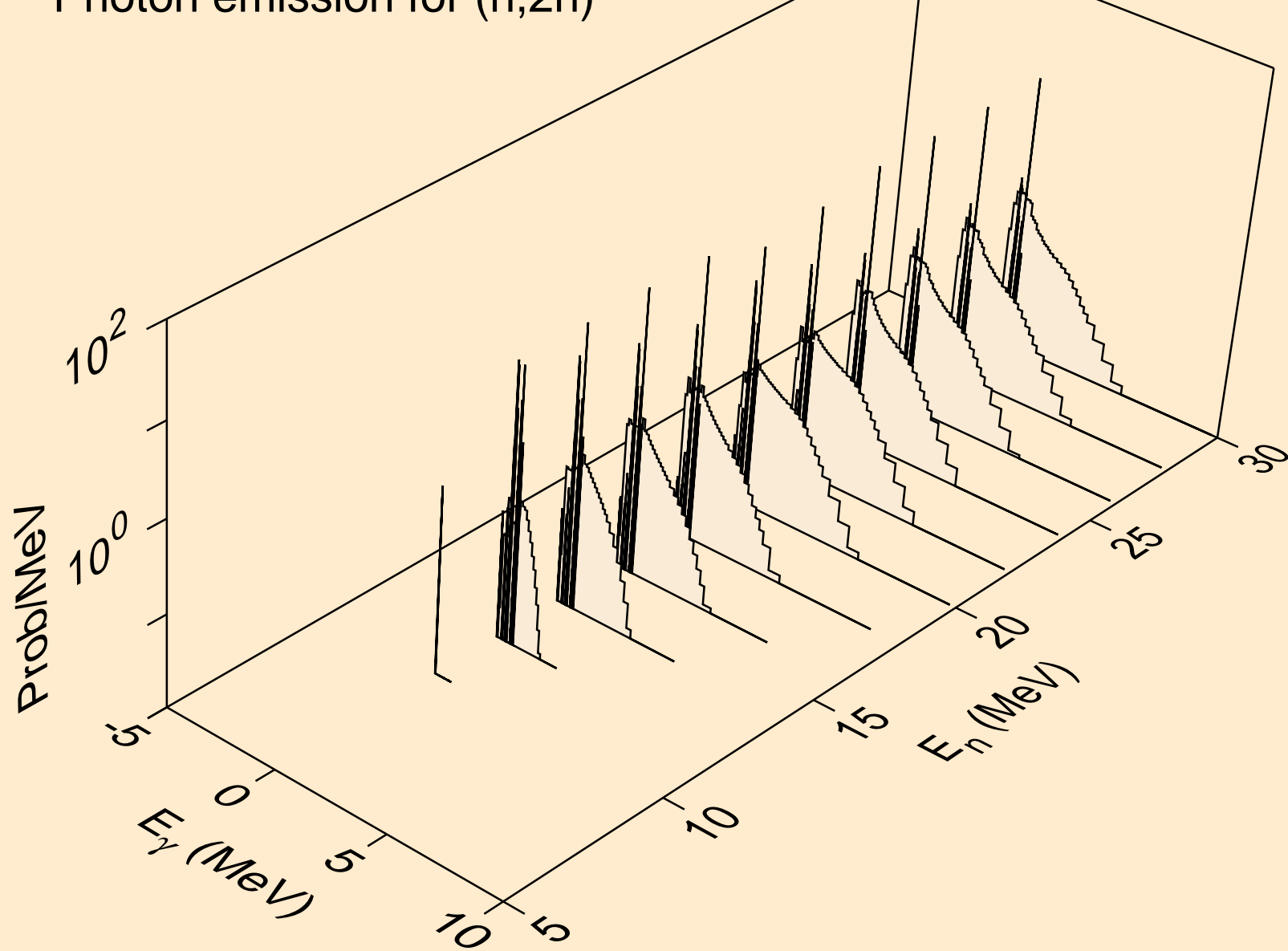
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



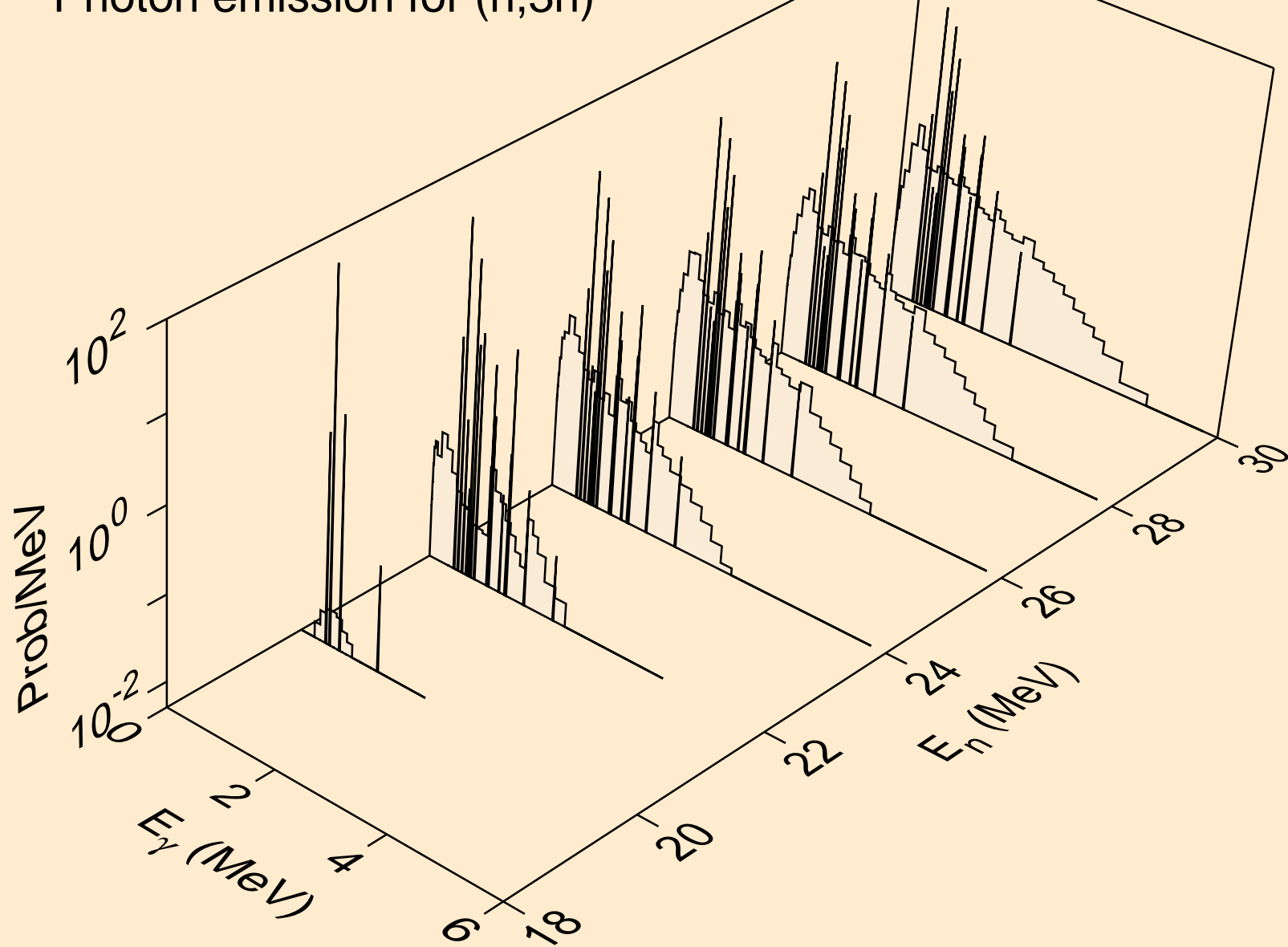
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



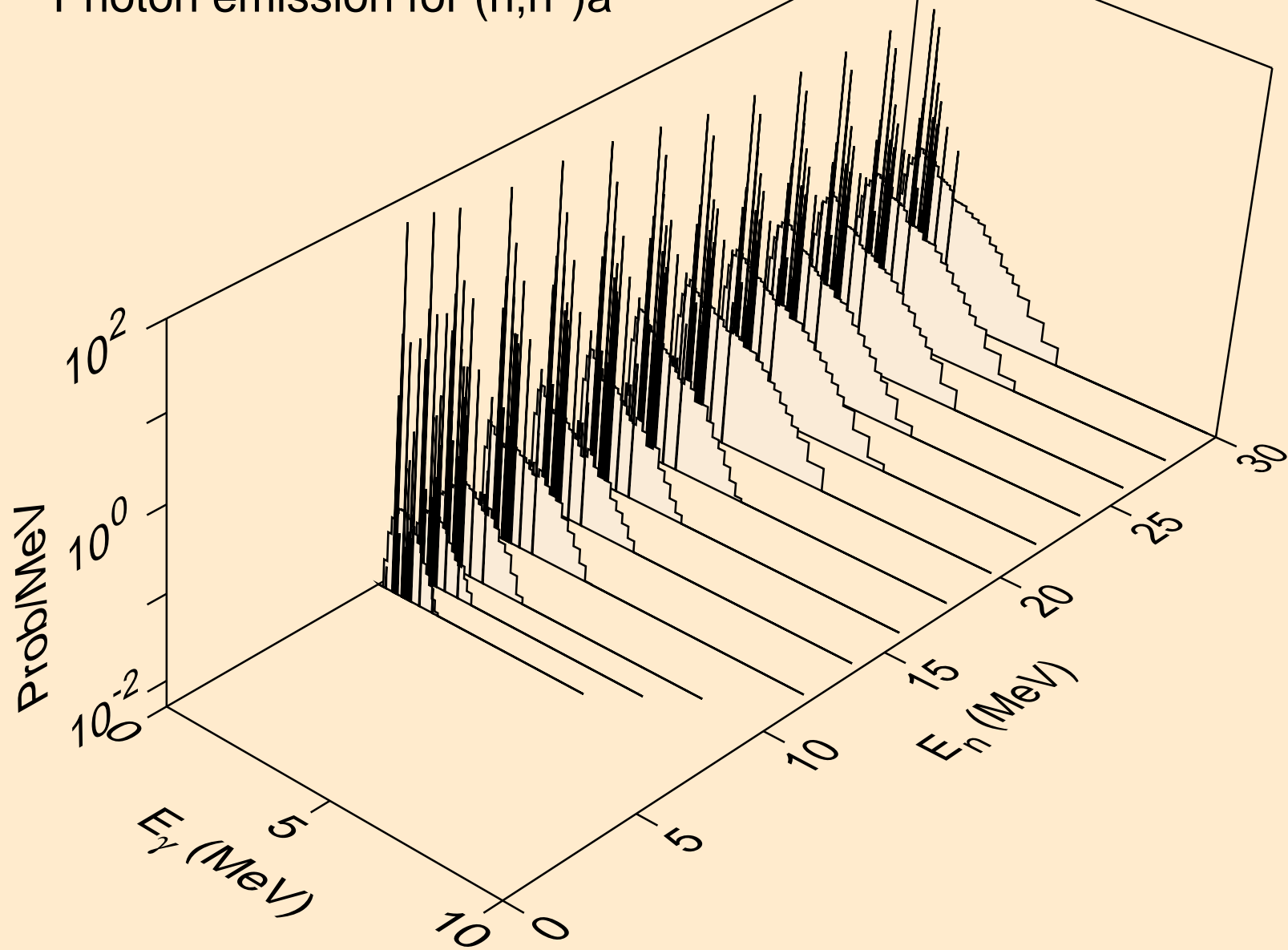
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



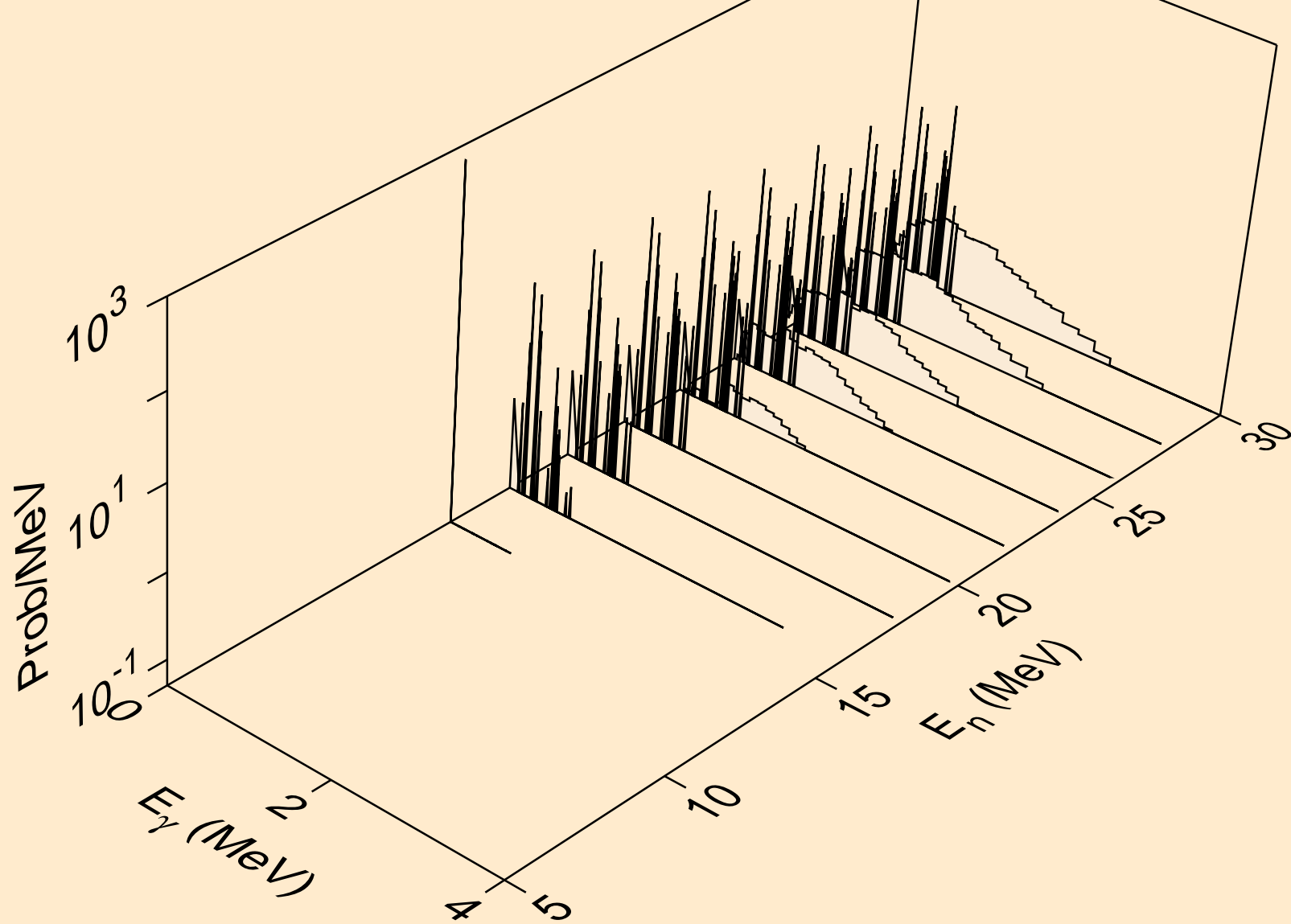
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

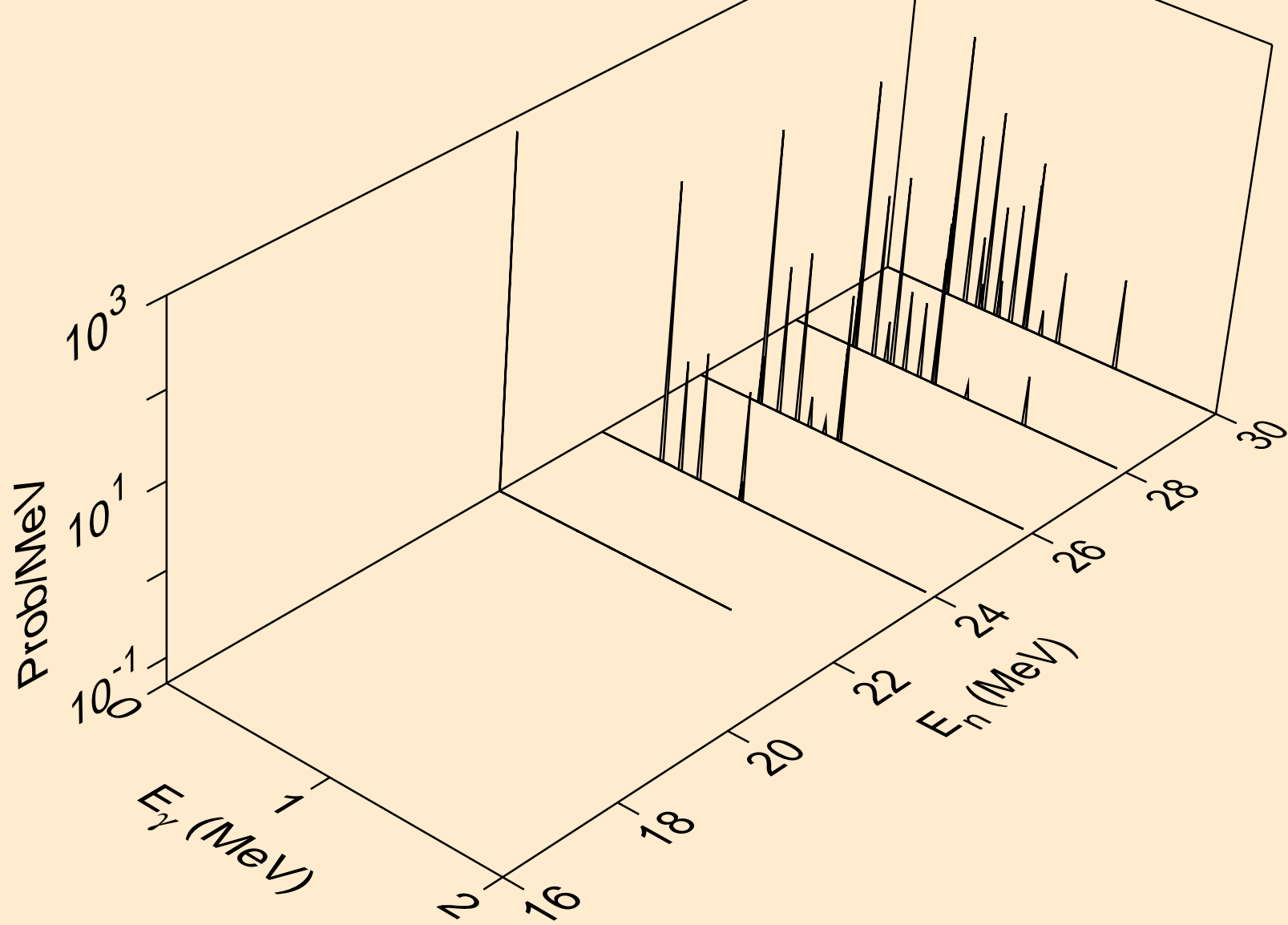


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

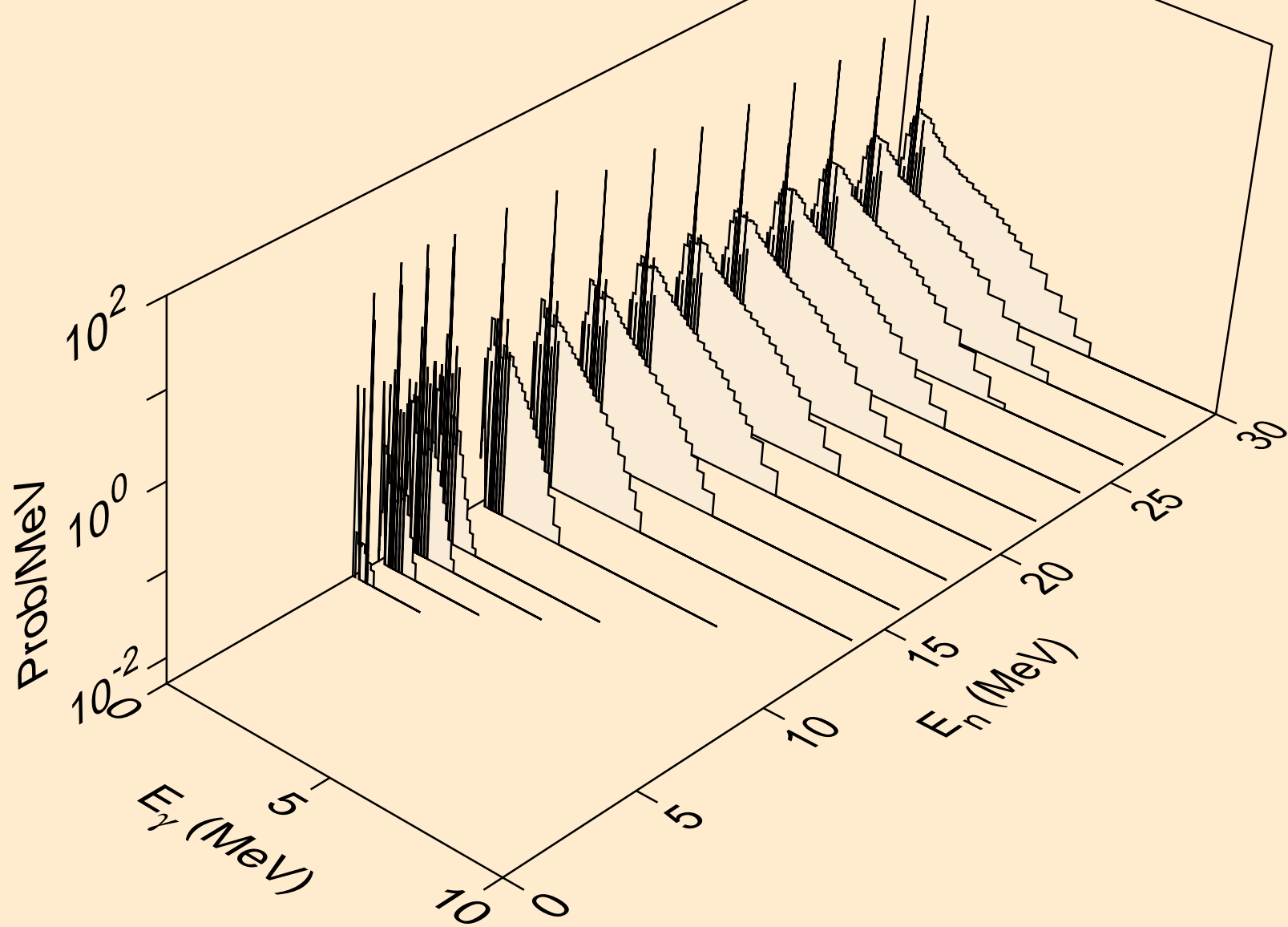




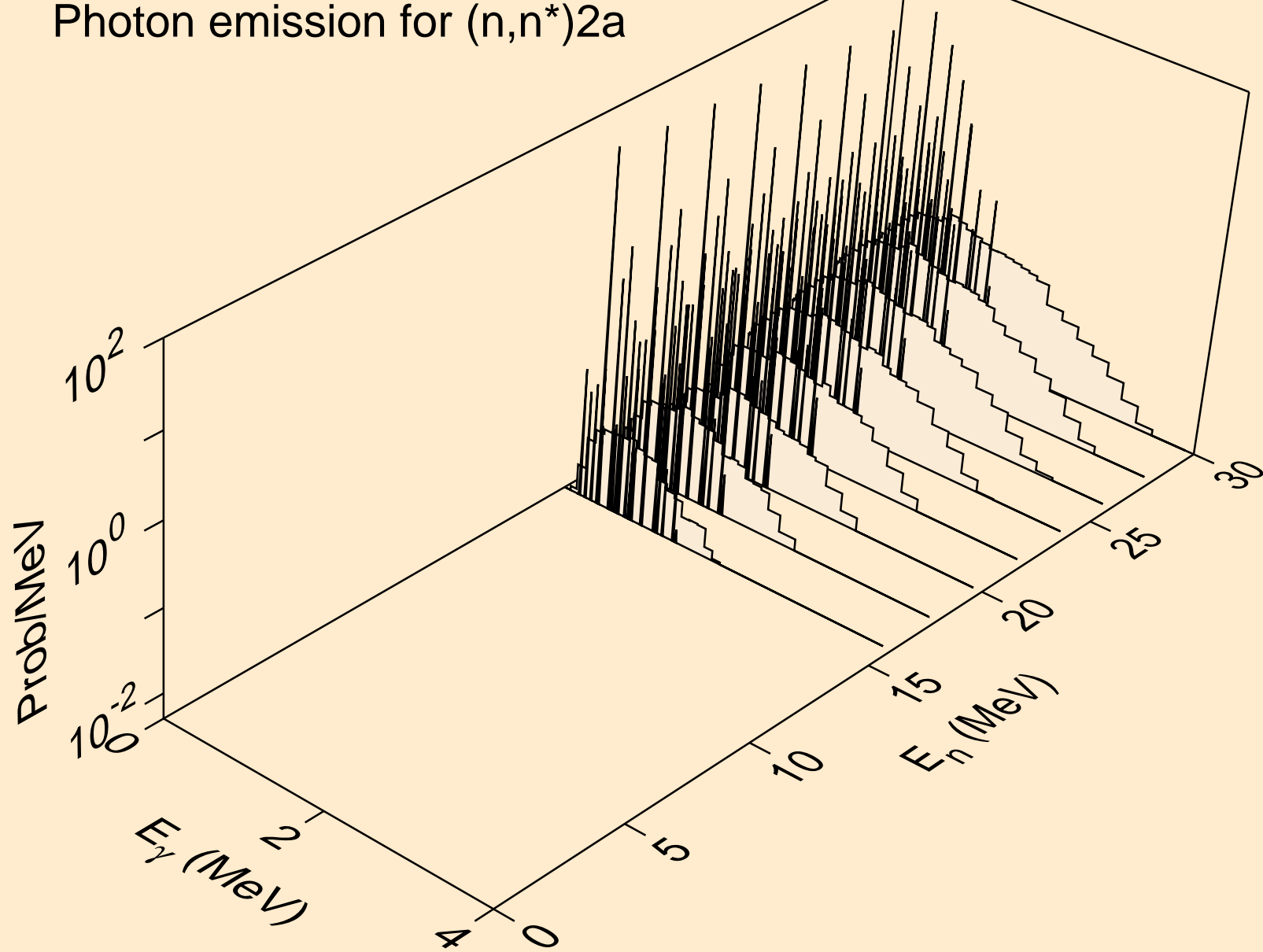
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



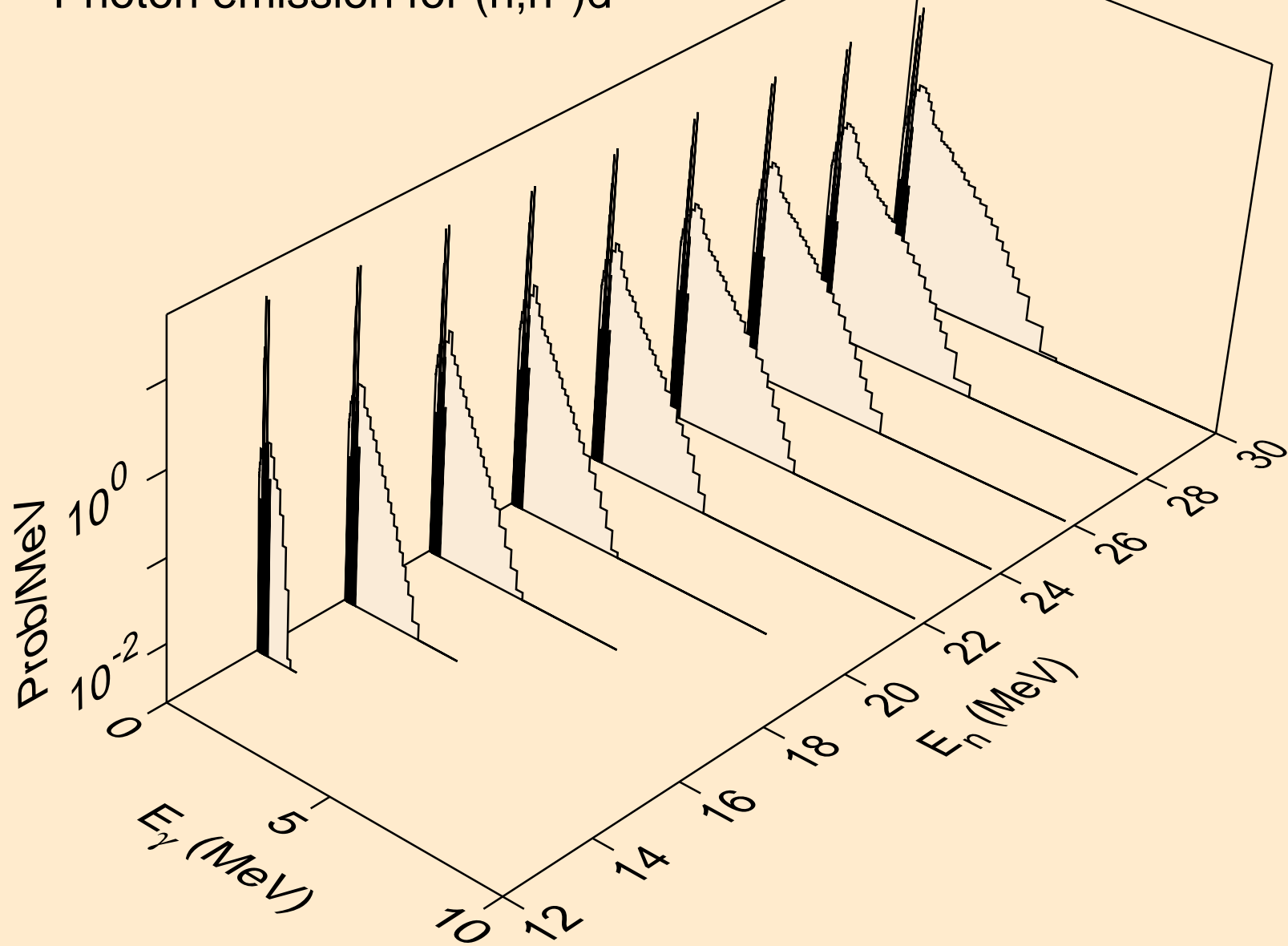
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



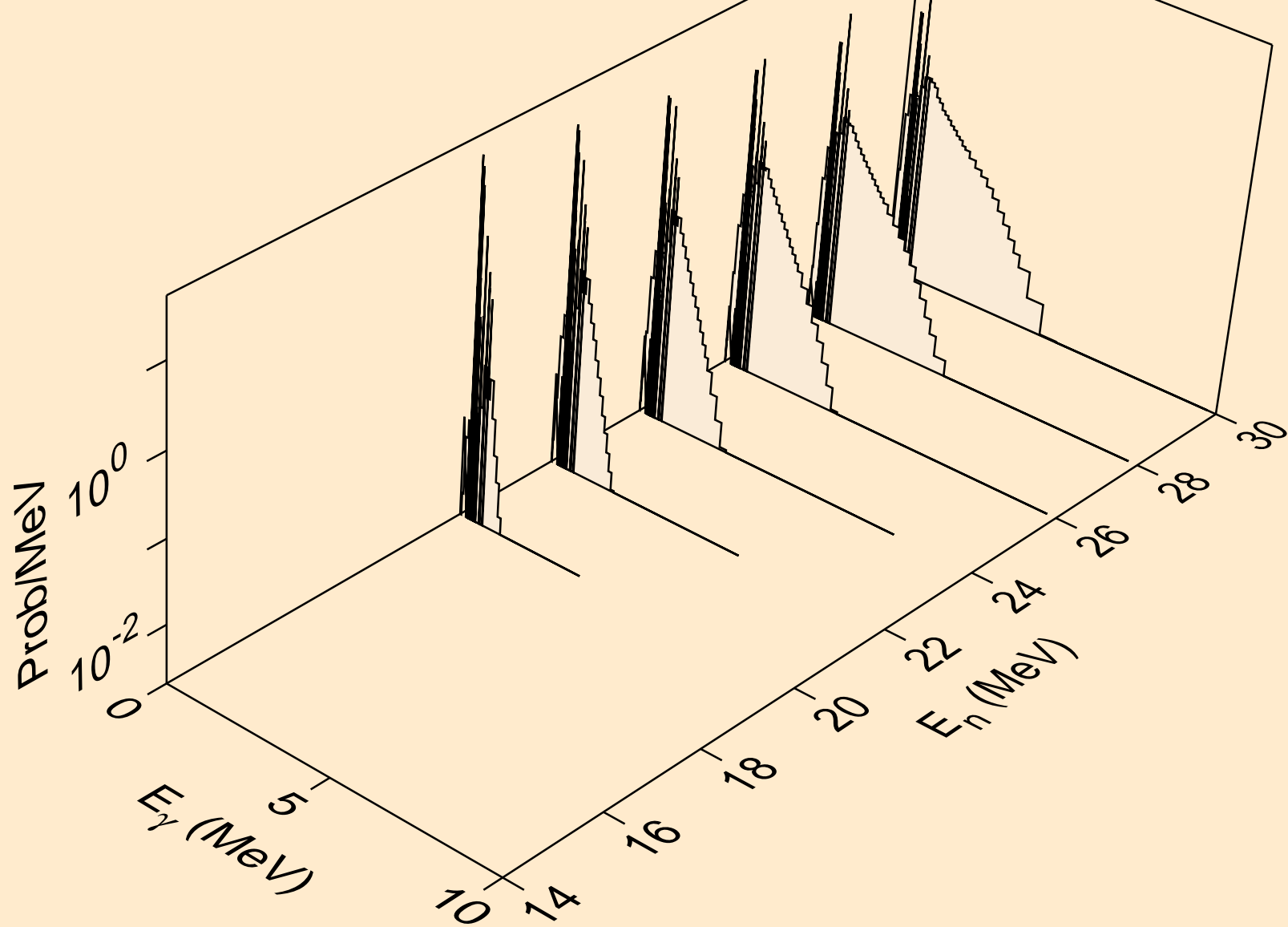
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



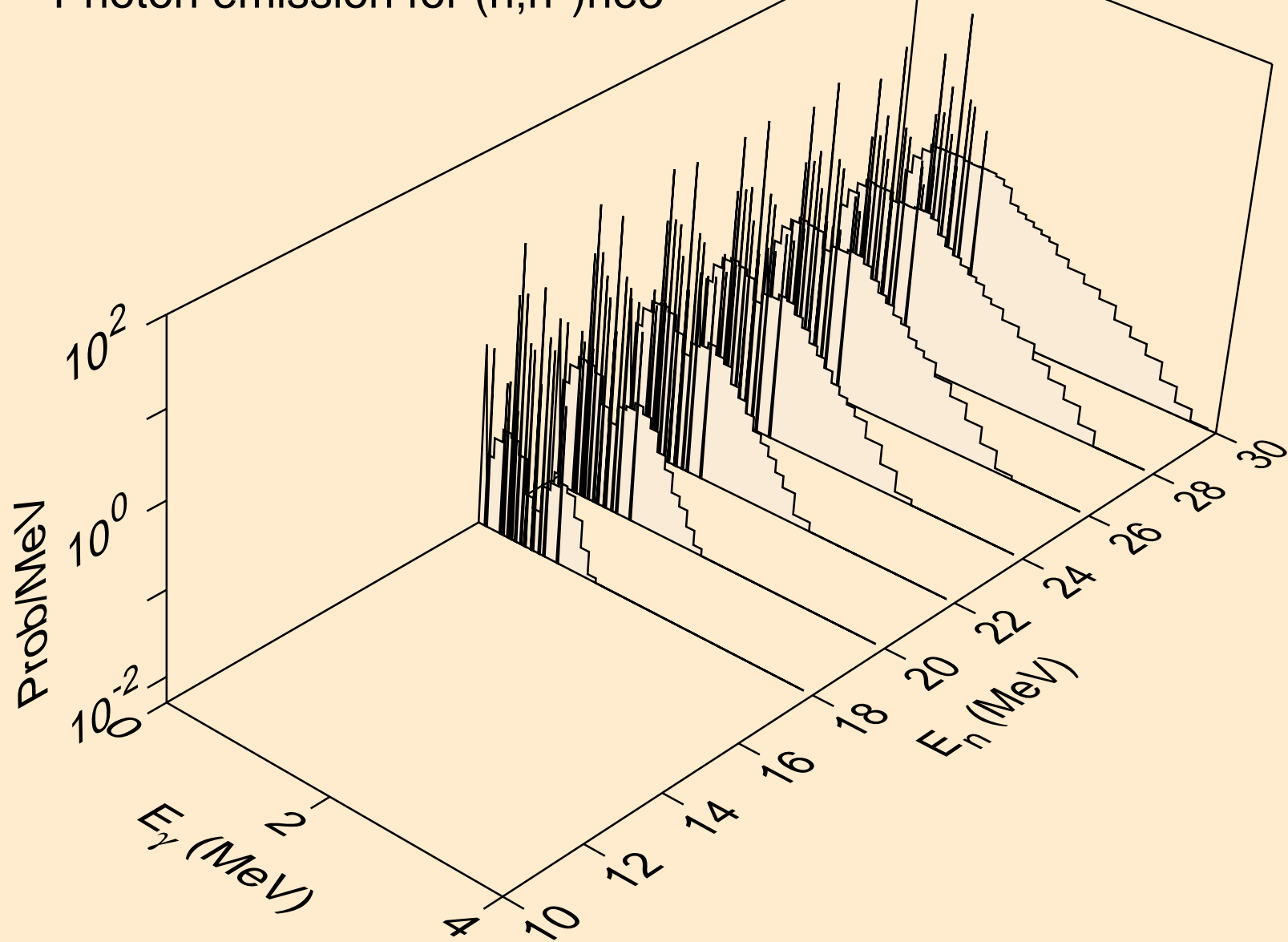
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



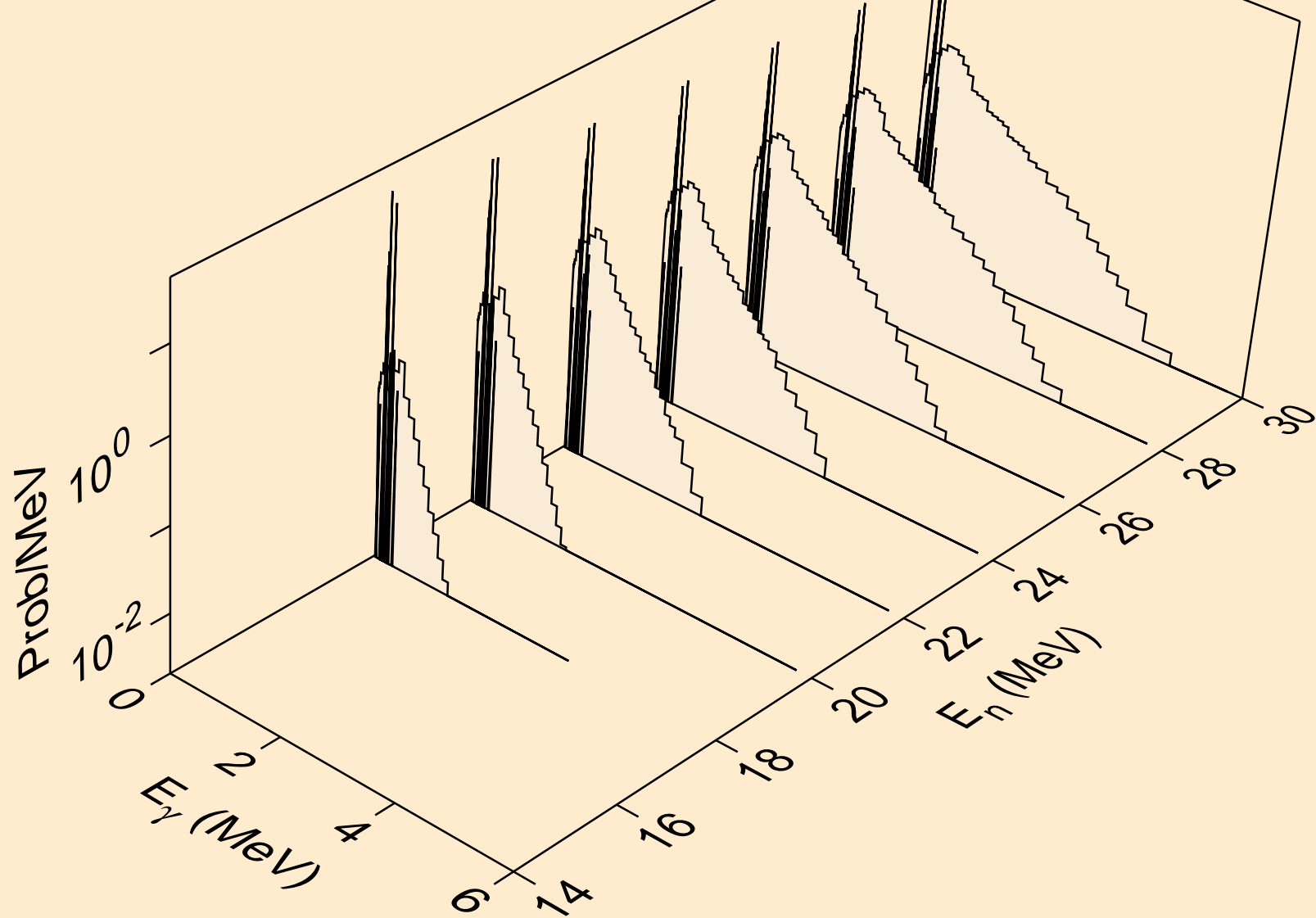
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



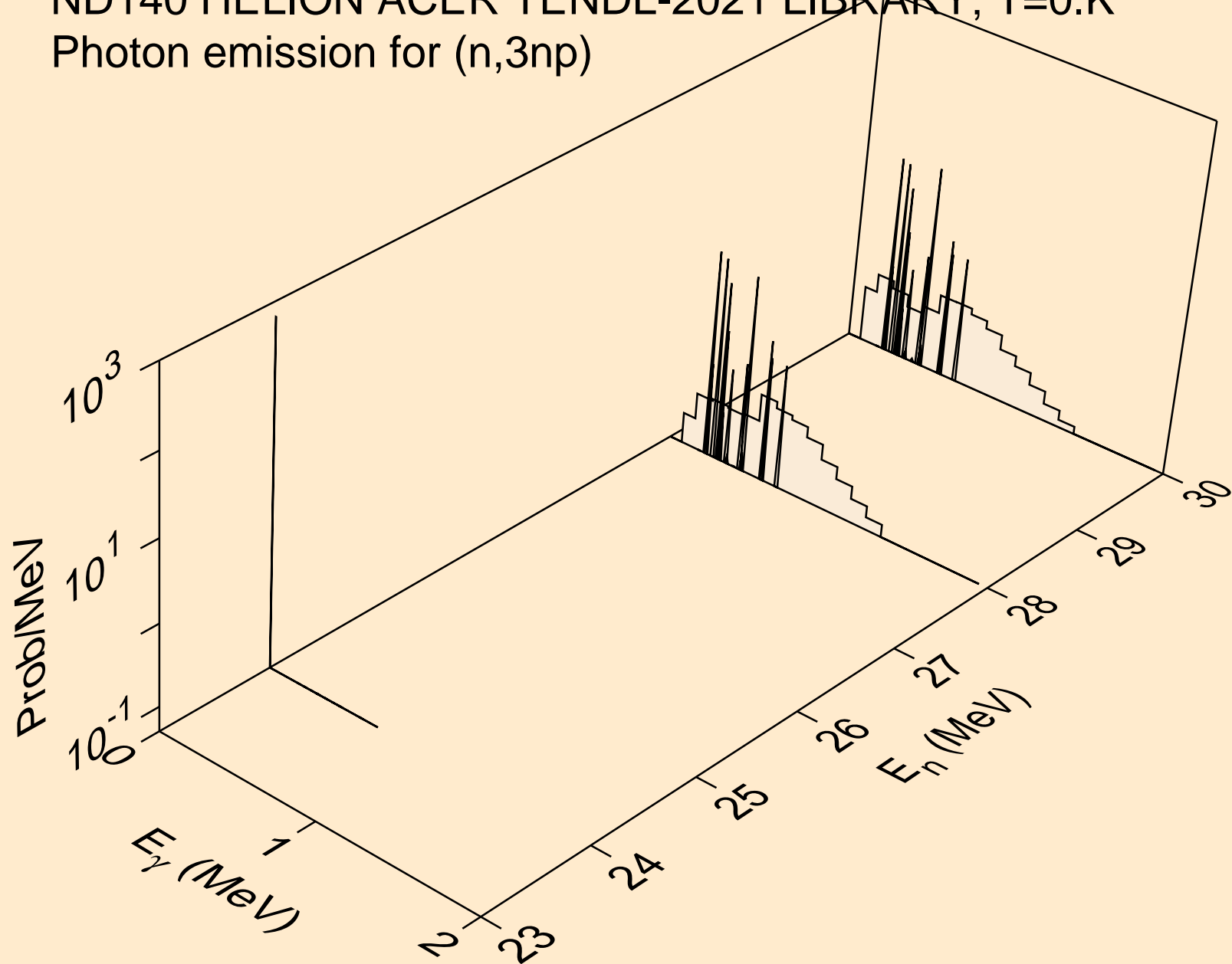
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

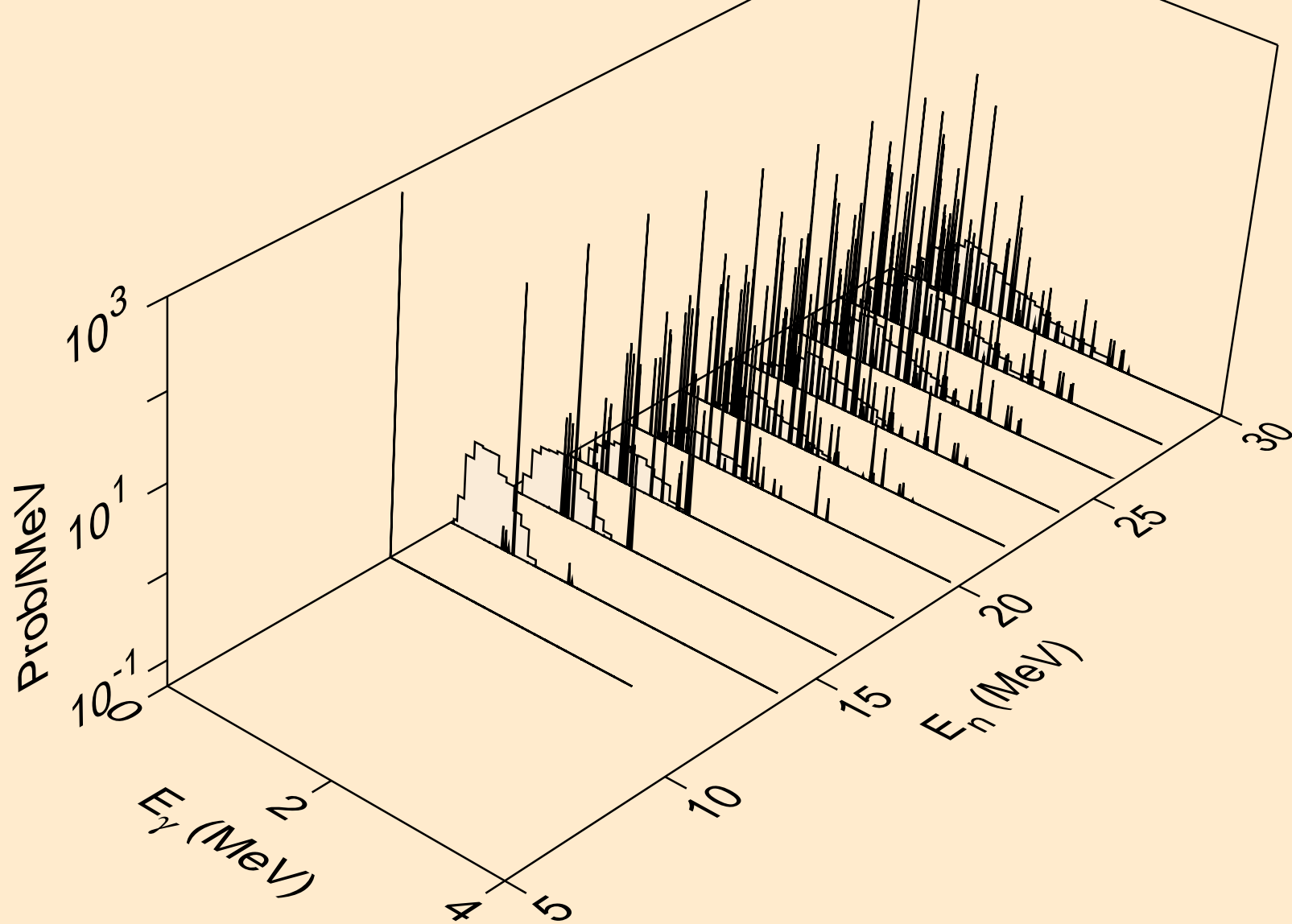


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

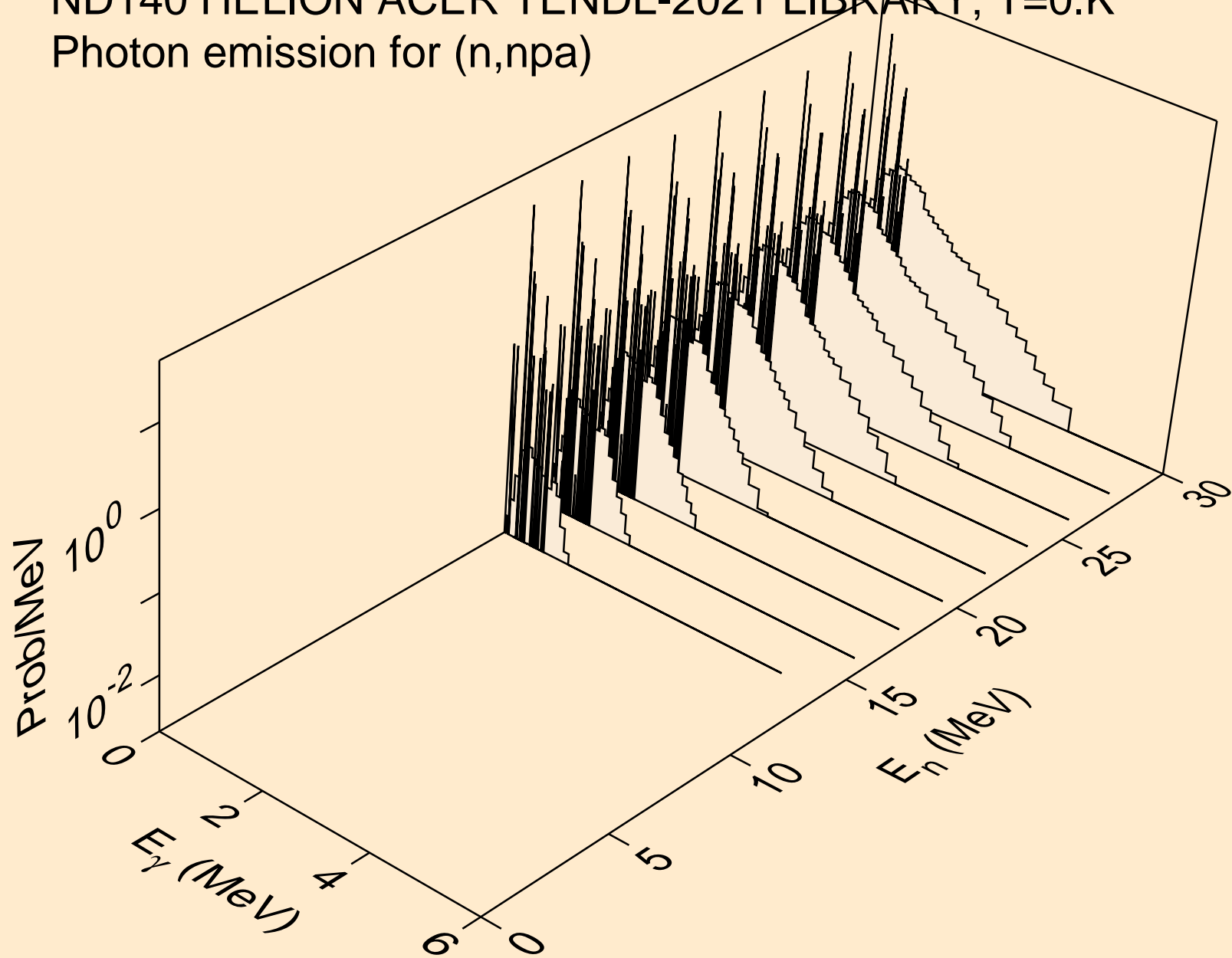




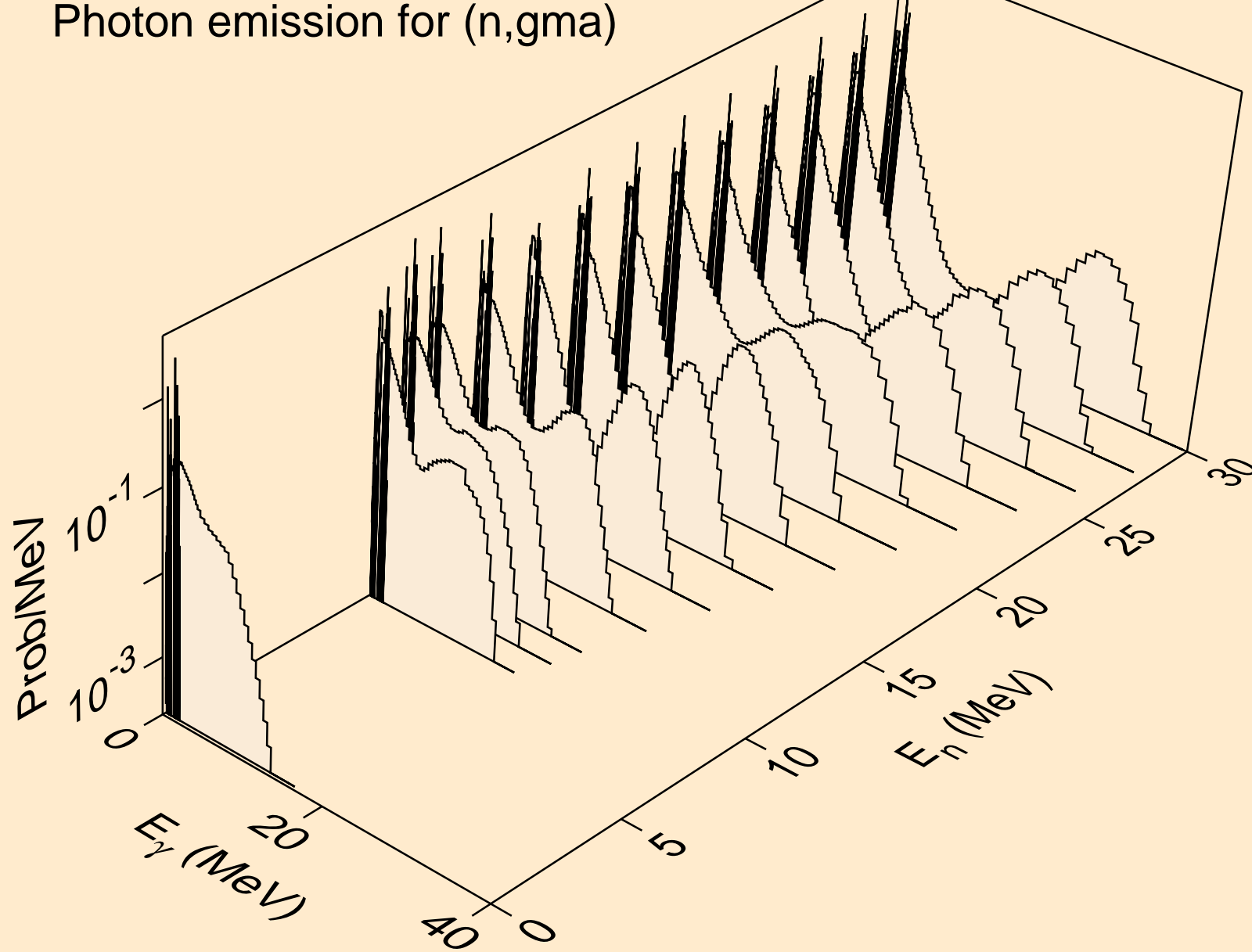
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



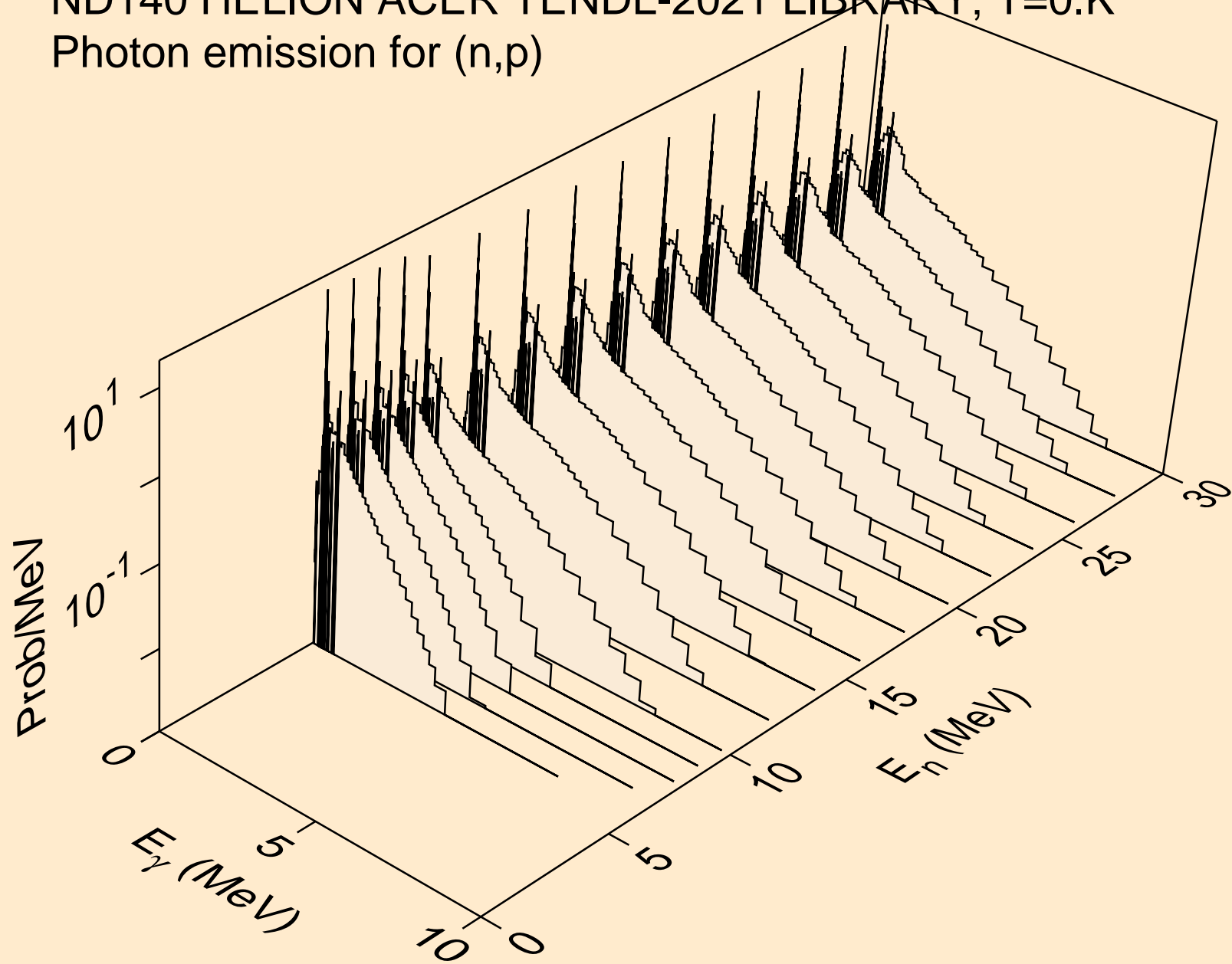
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



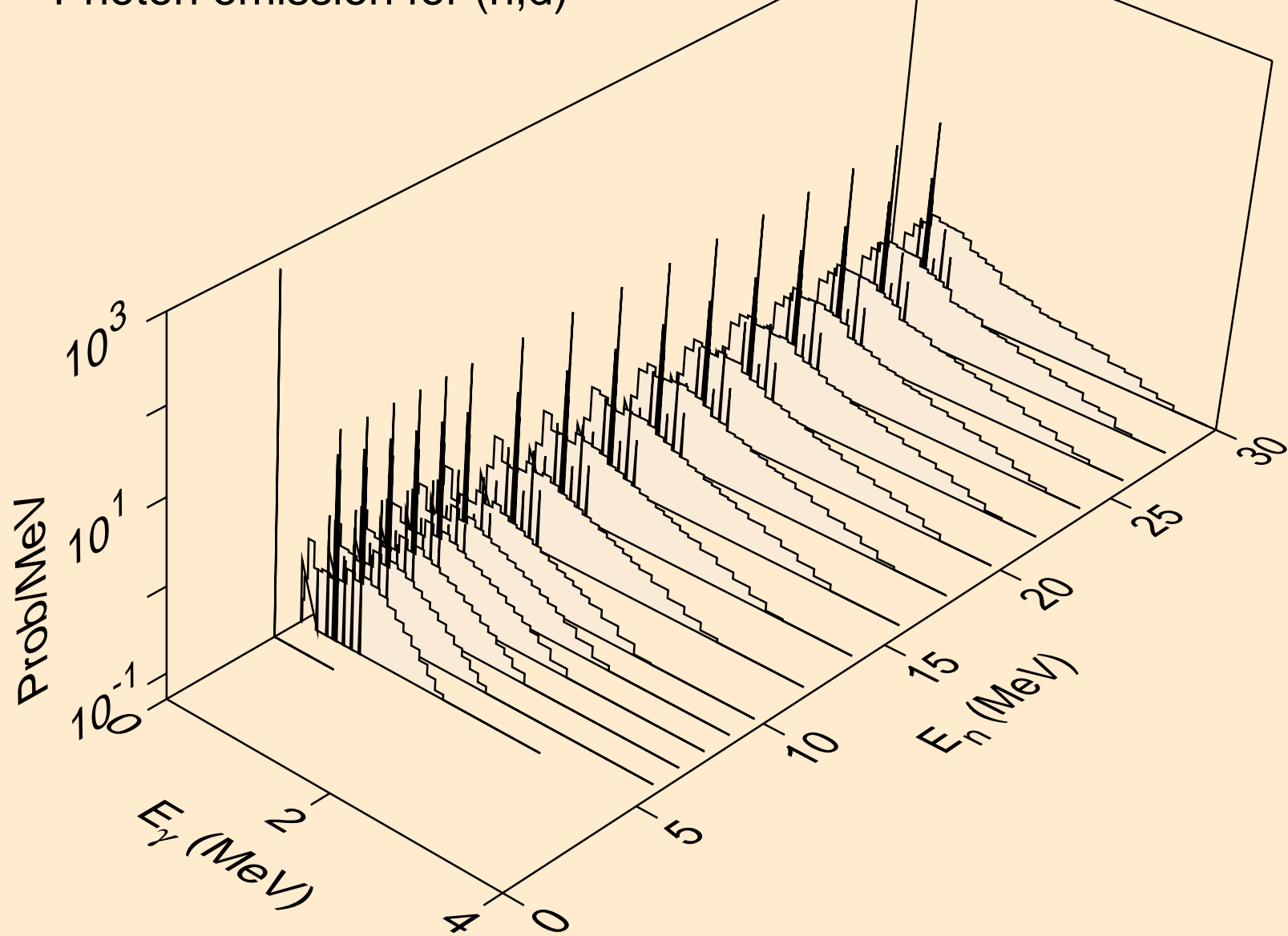
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



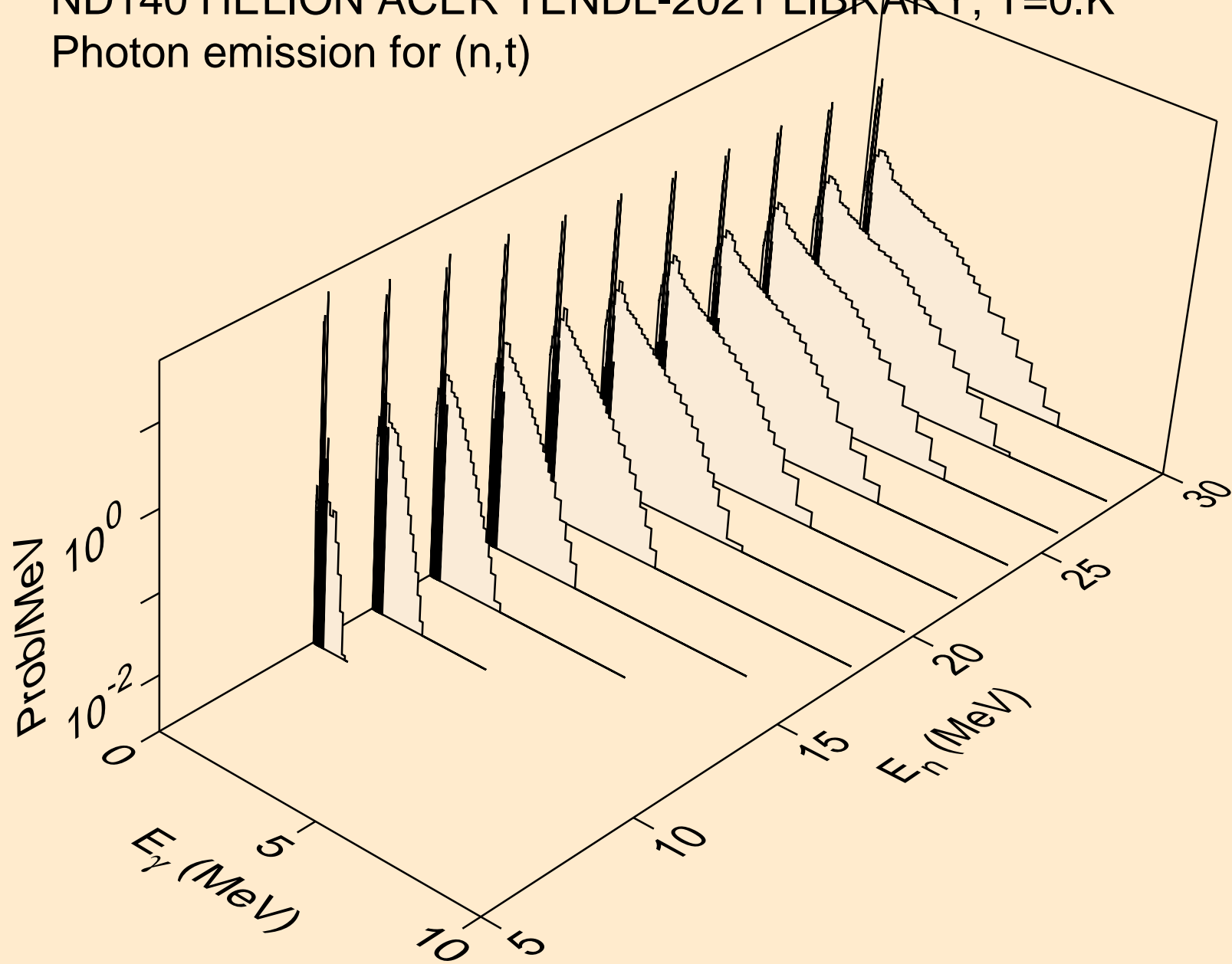
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



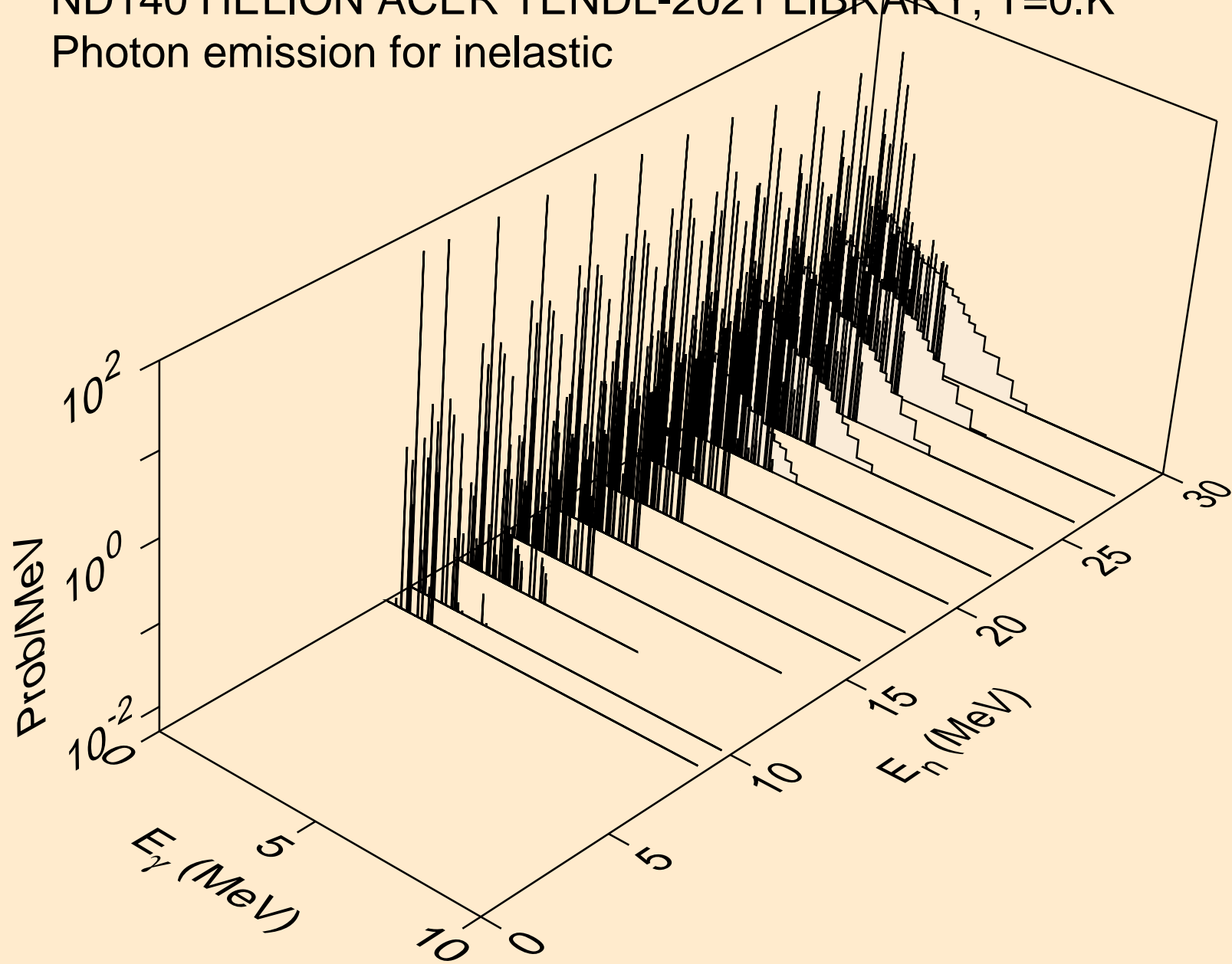
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



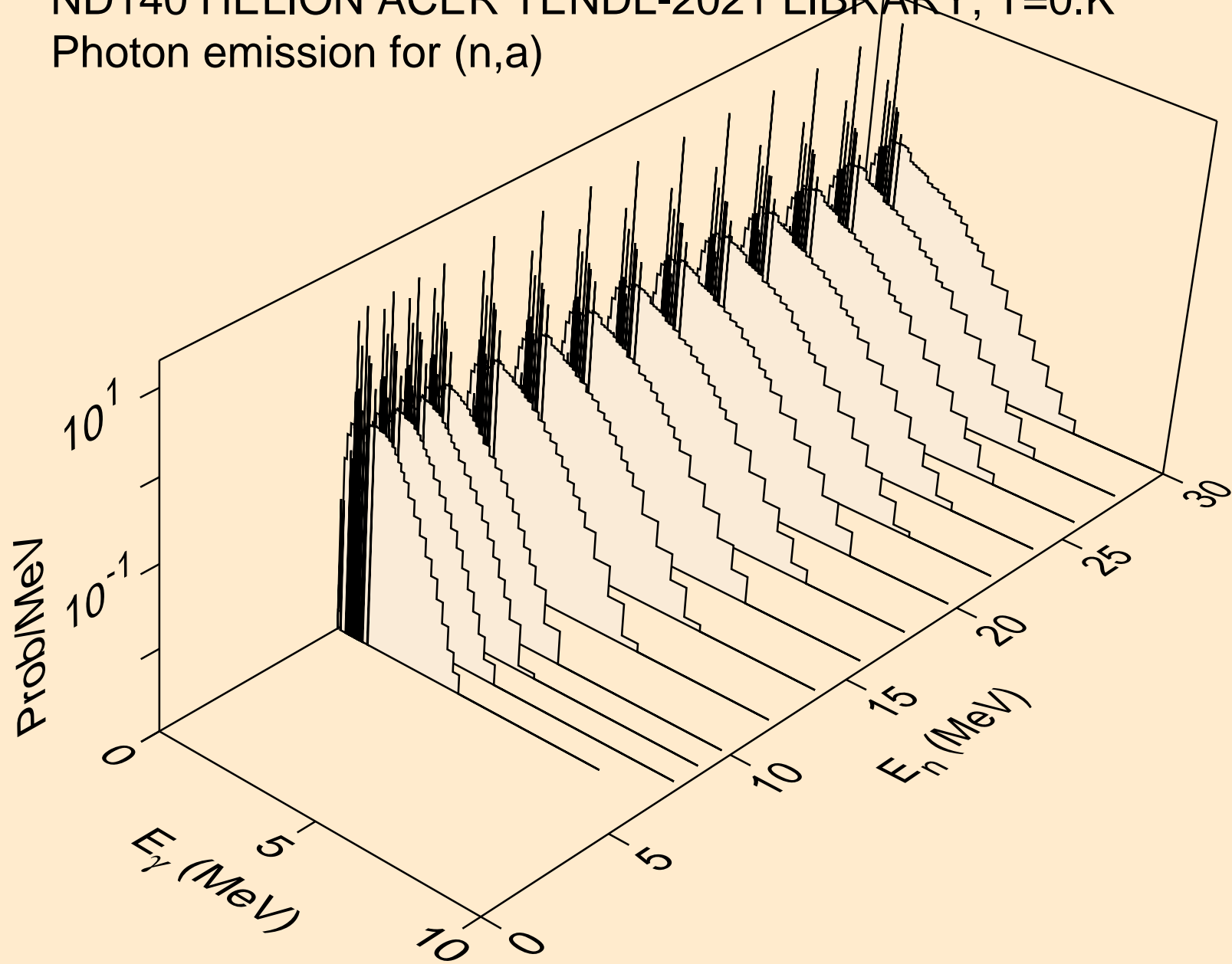
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

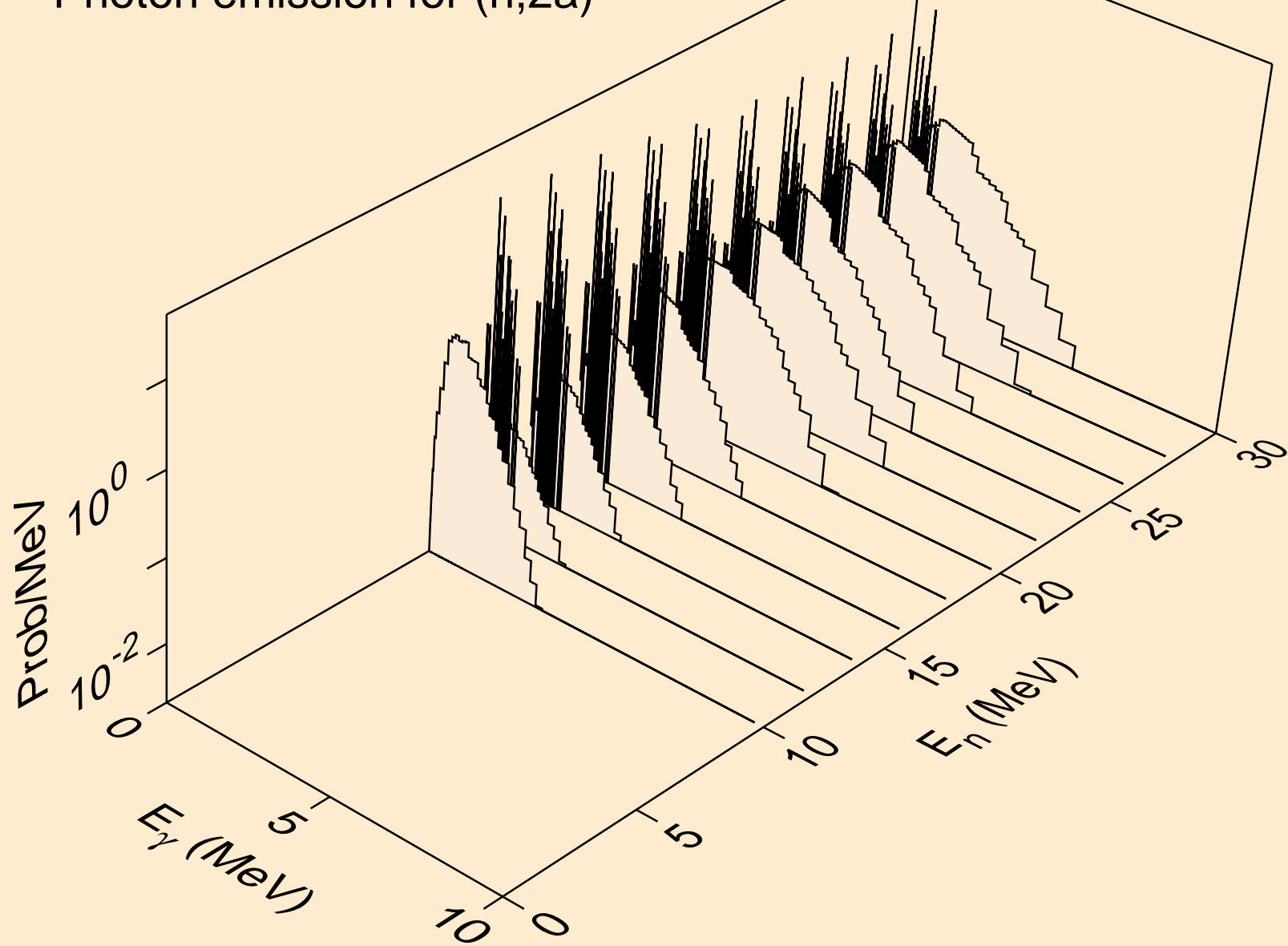


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

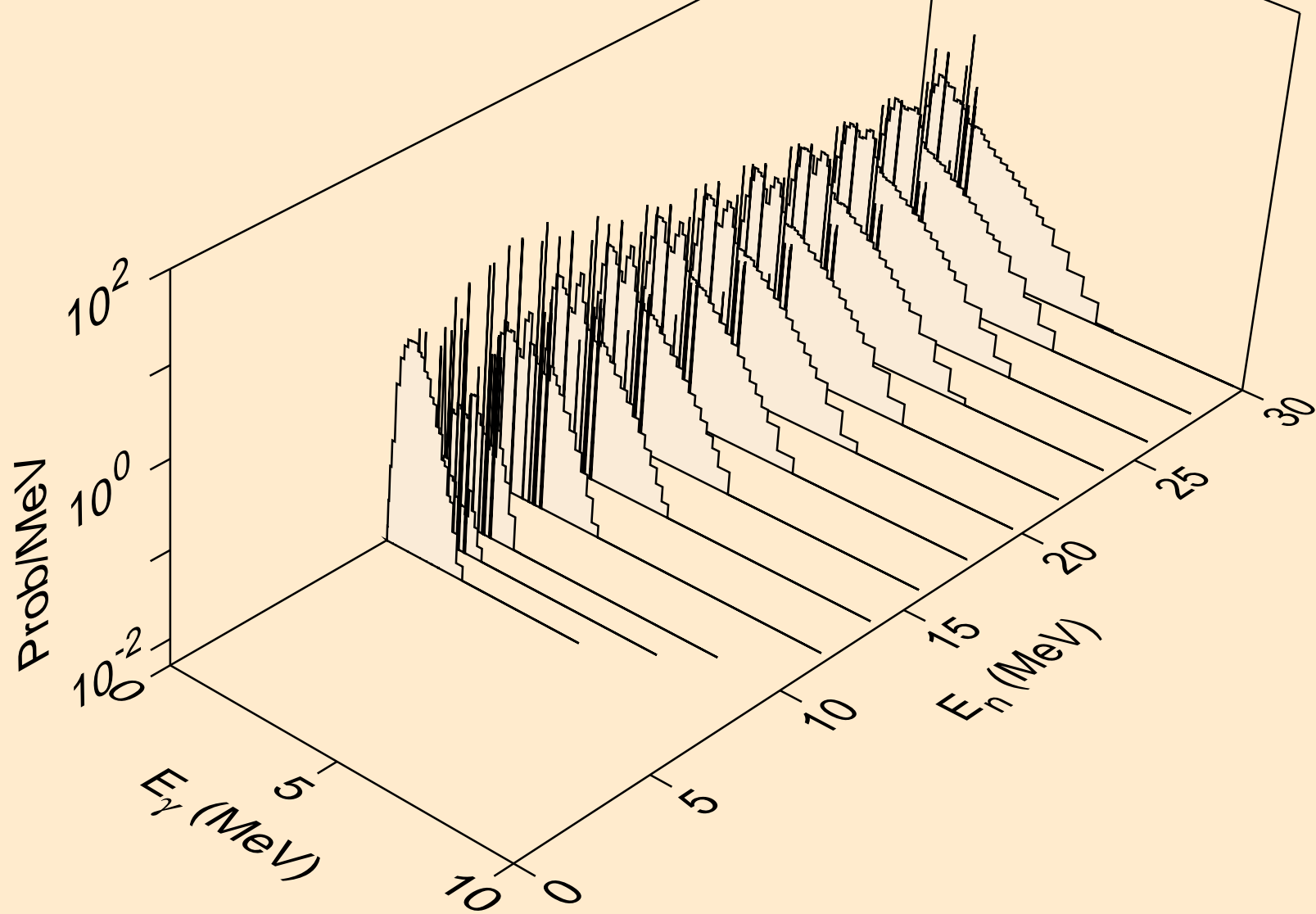




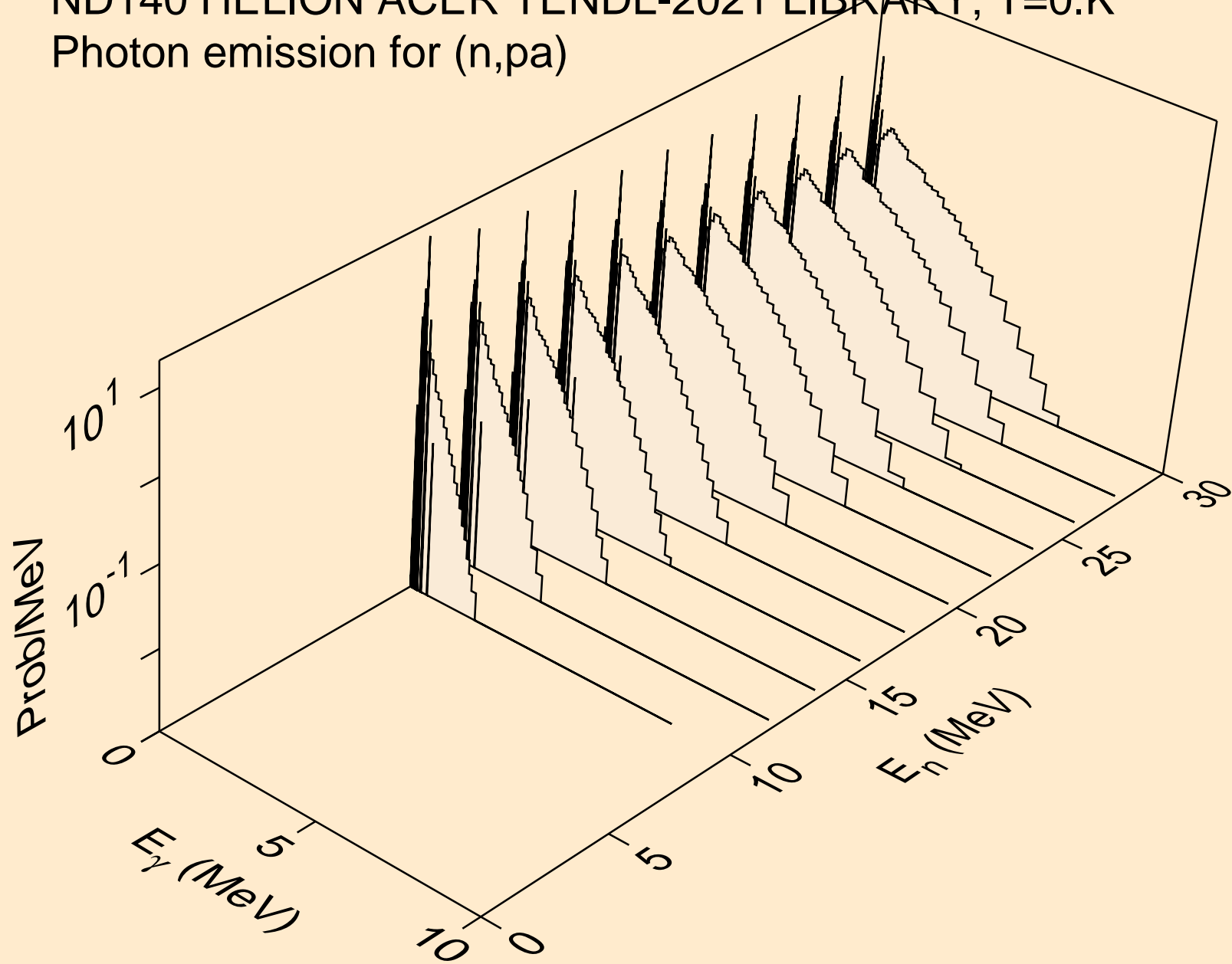
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



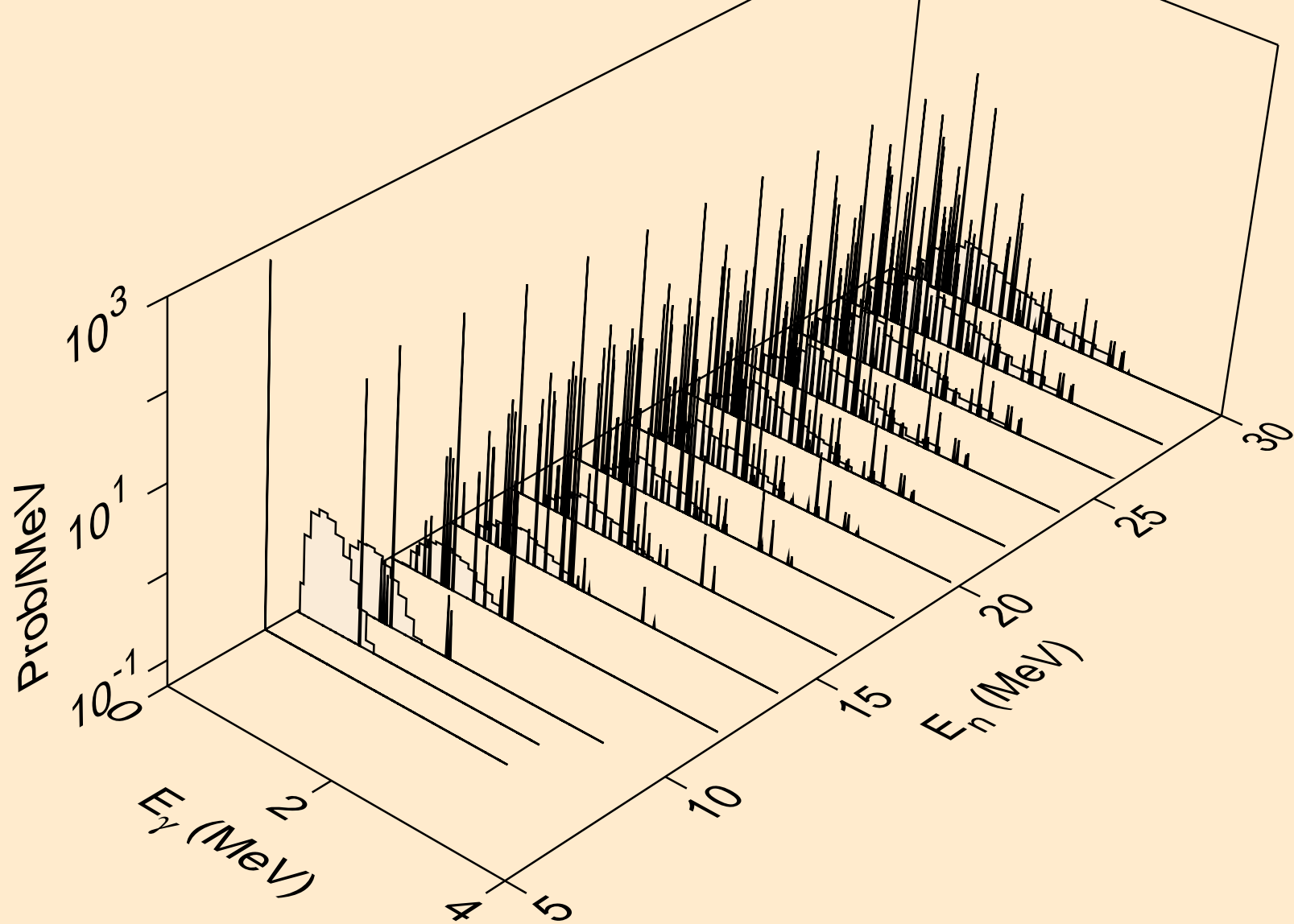
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



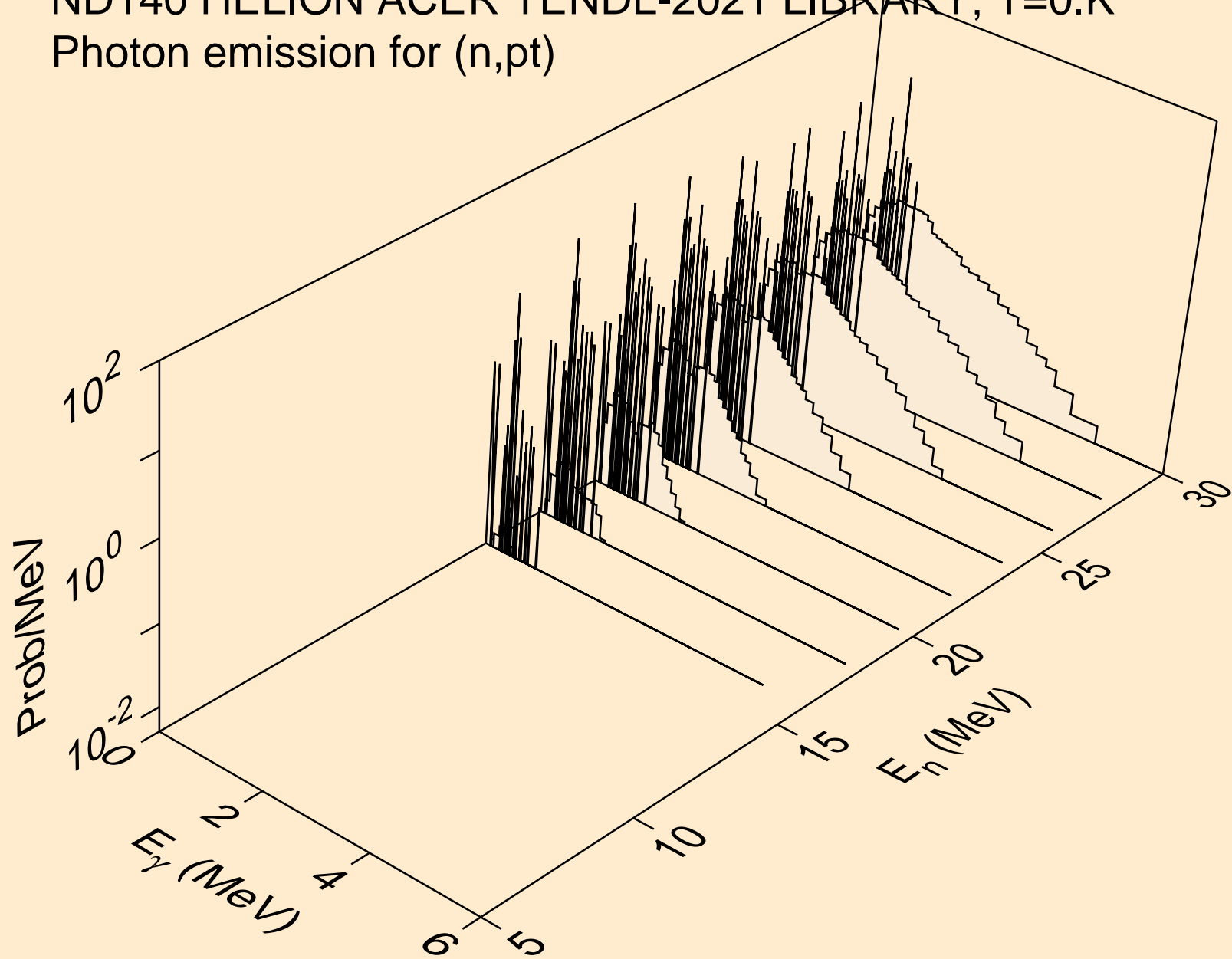
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



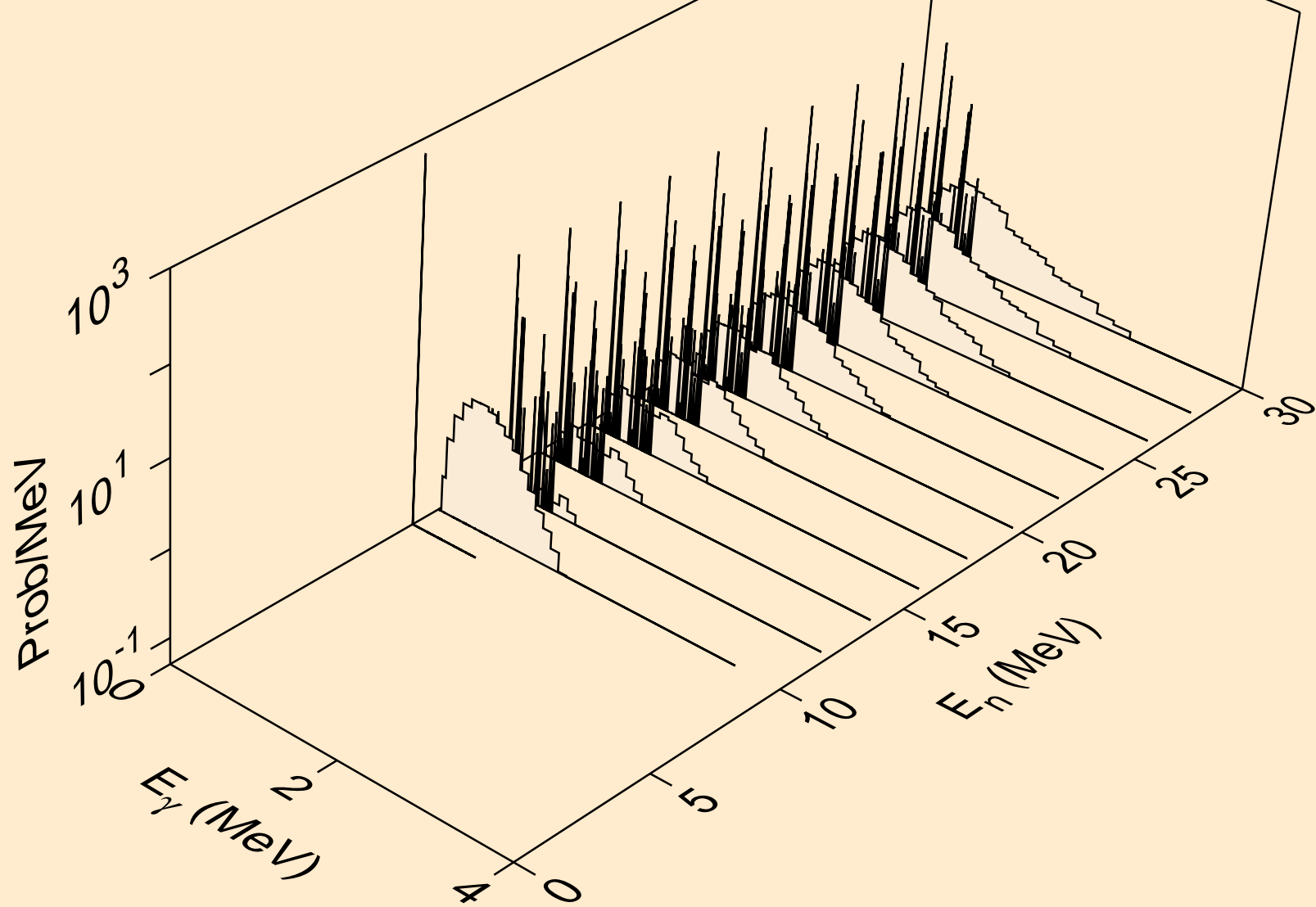
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

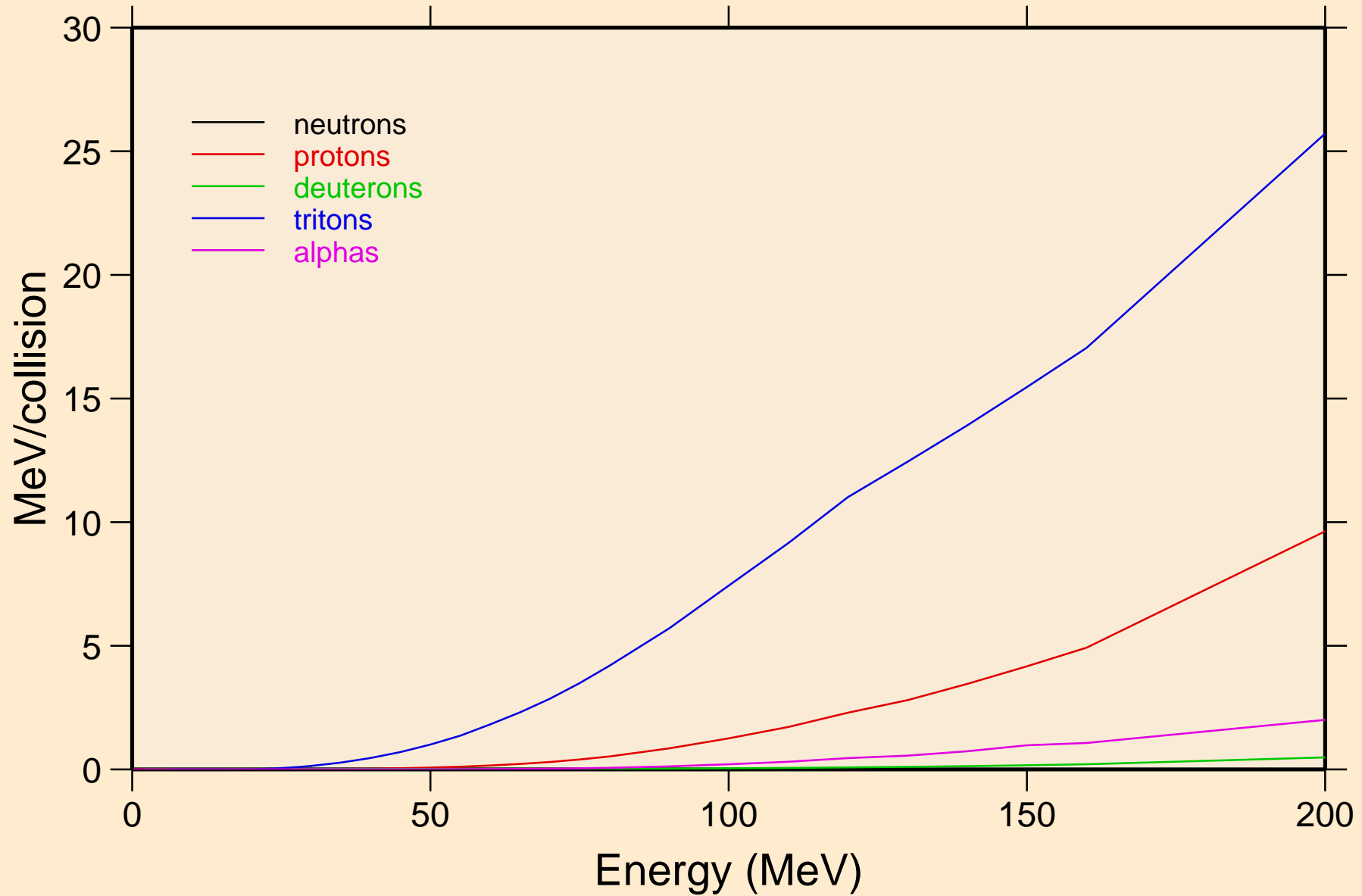


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

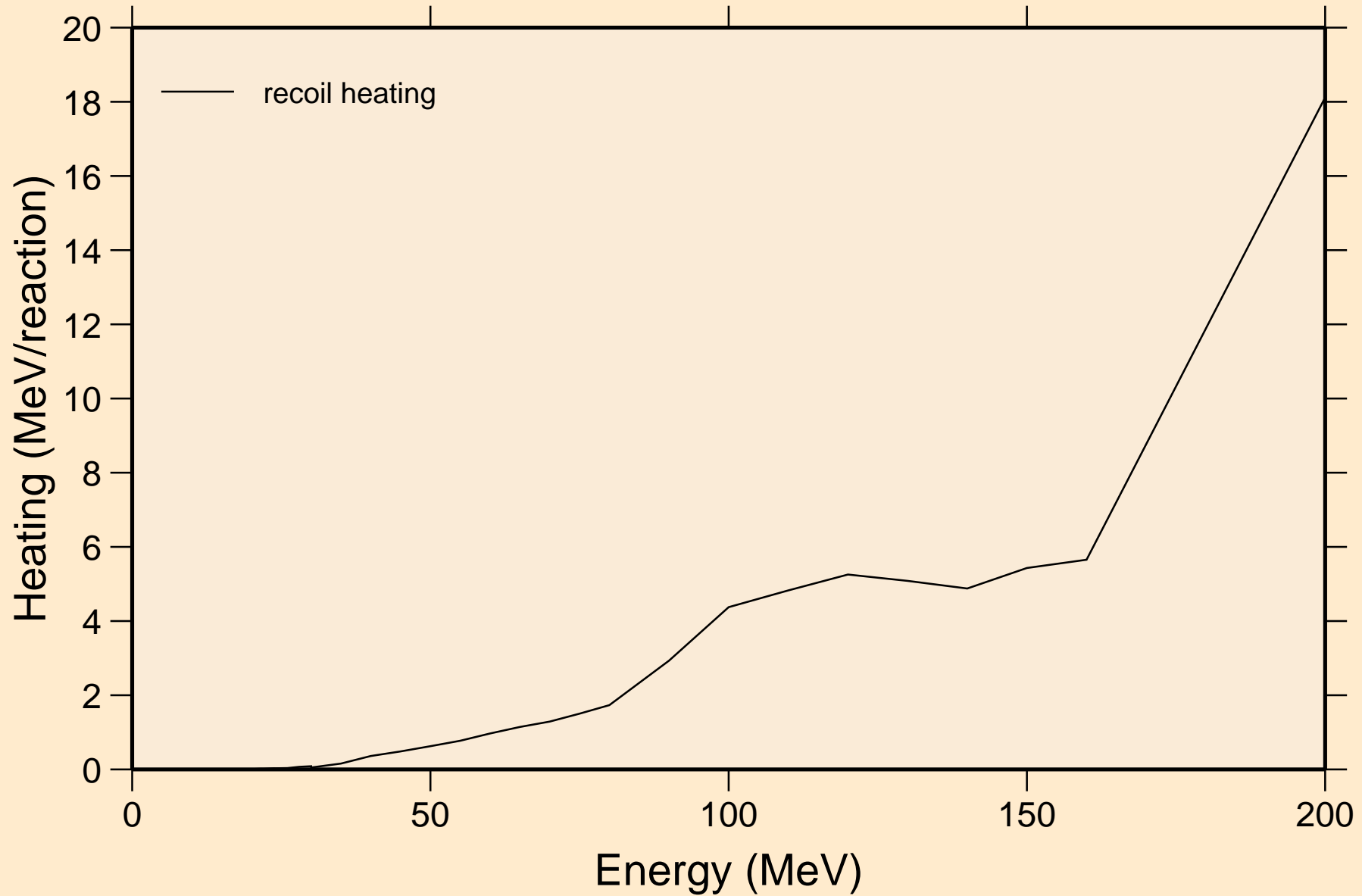


# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



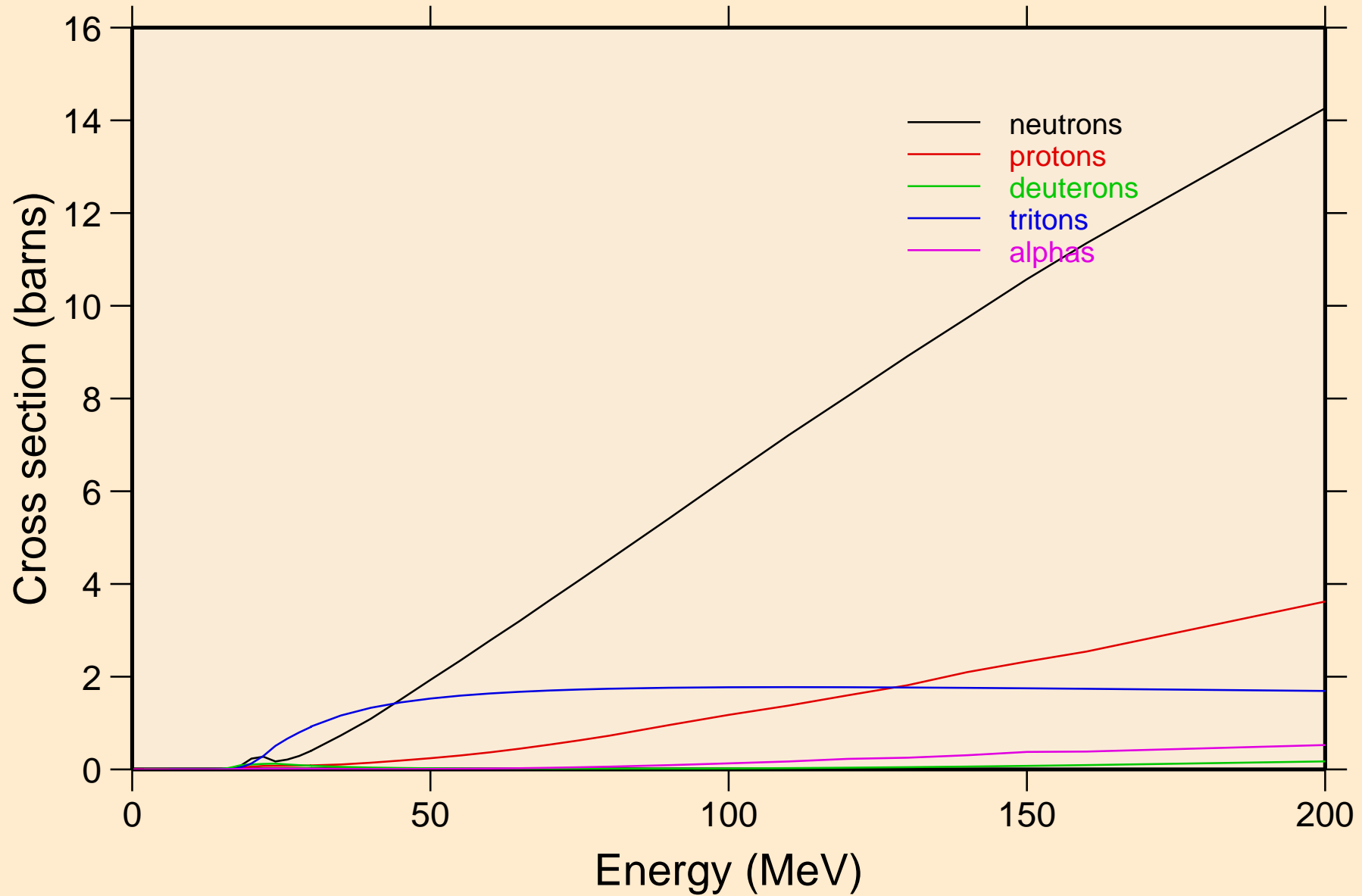
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



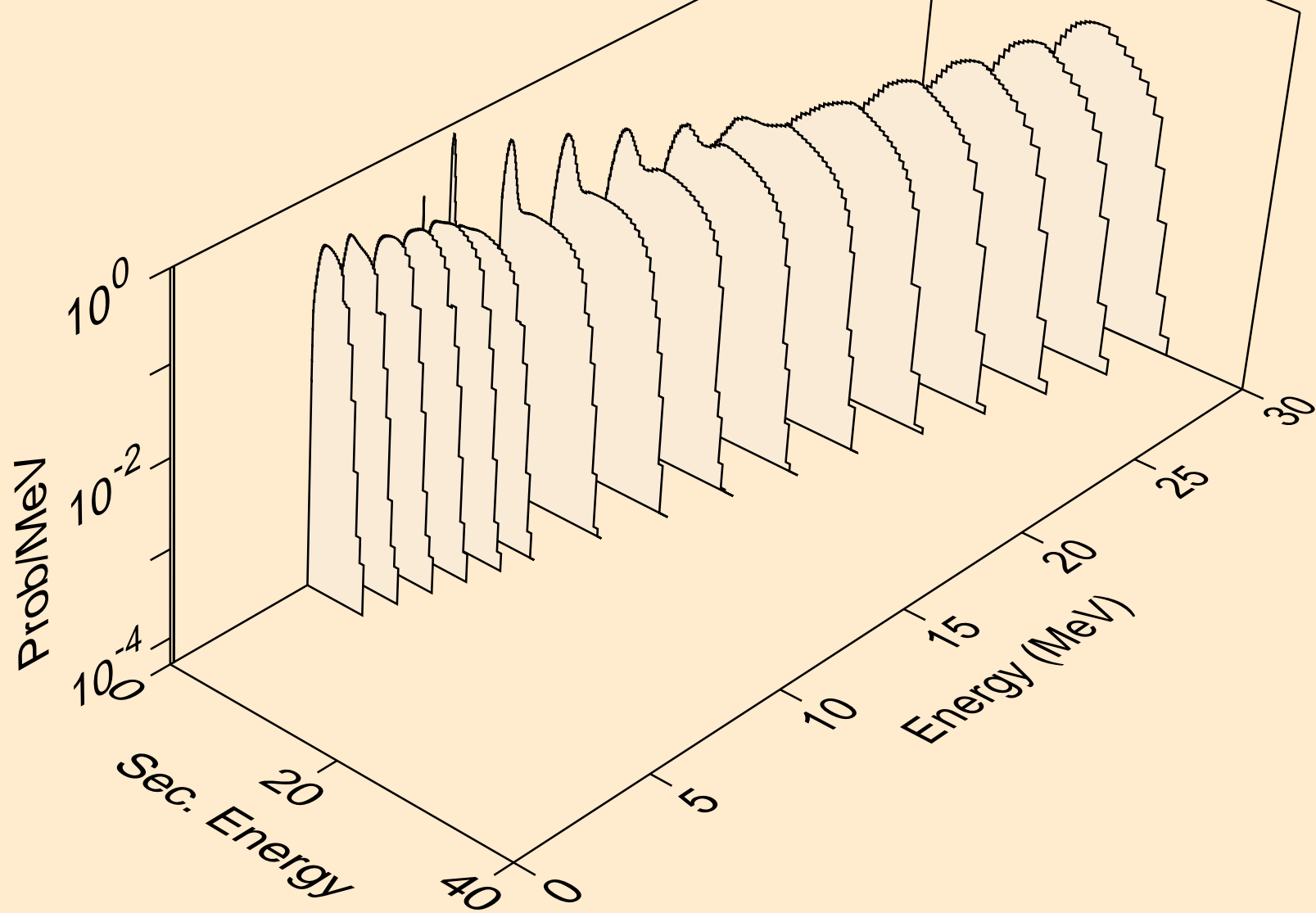


# ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K

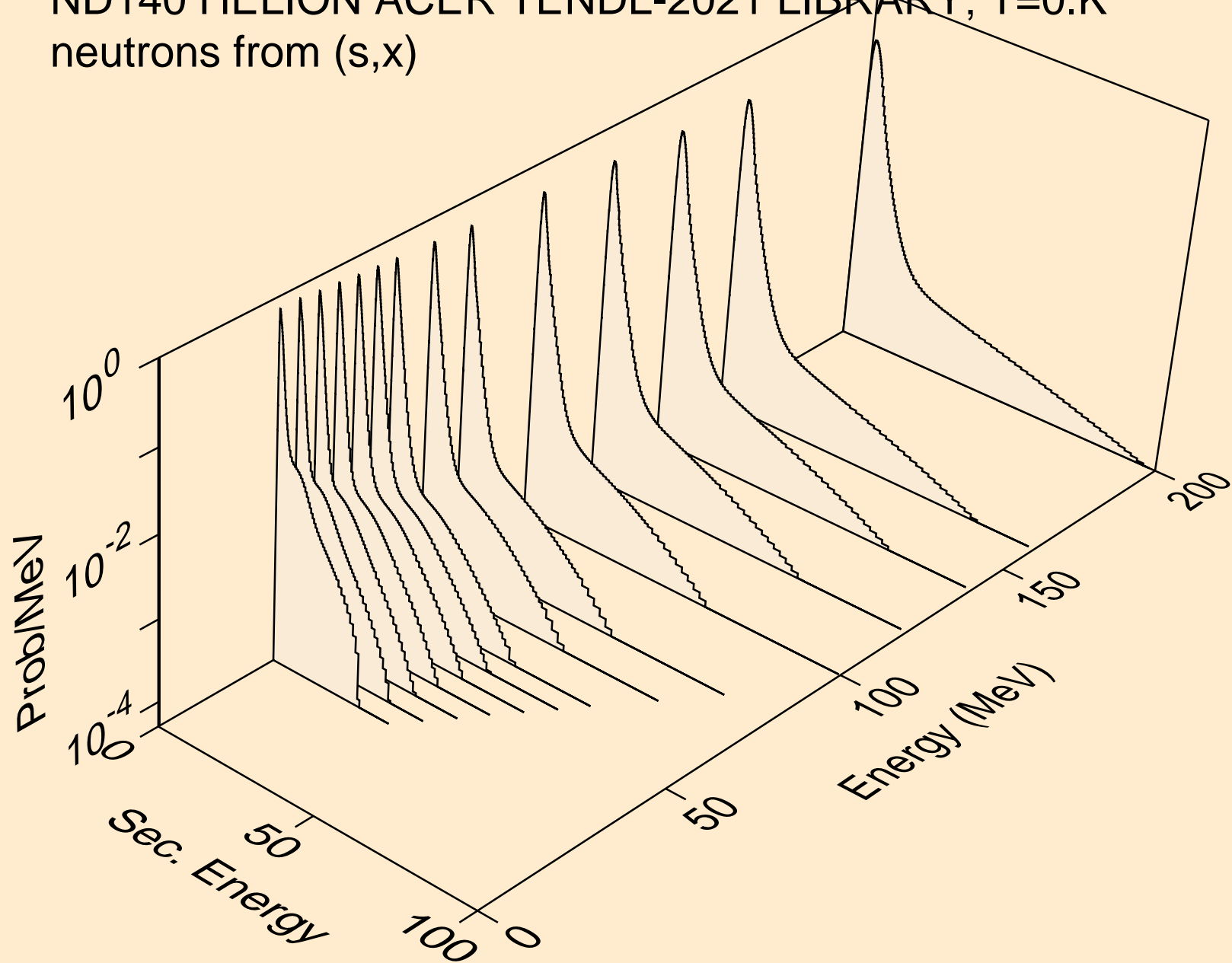
## Particle production cross sections



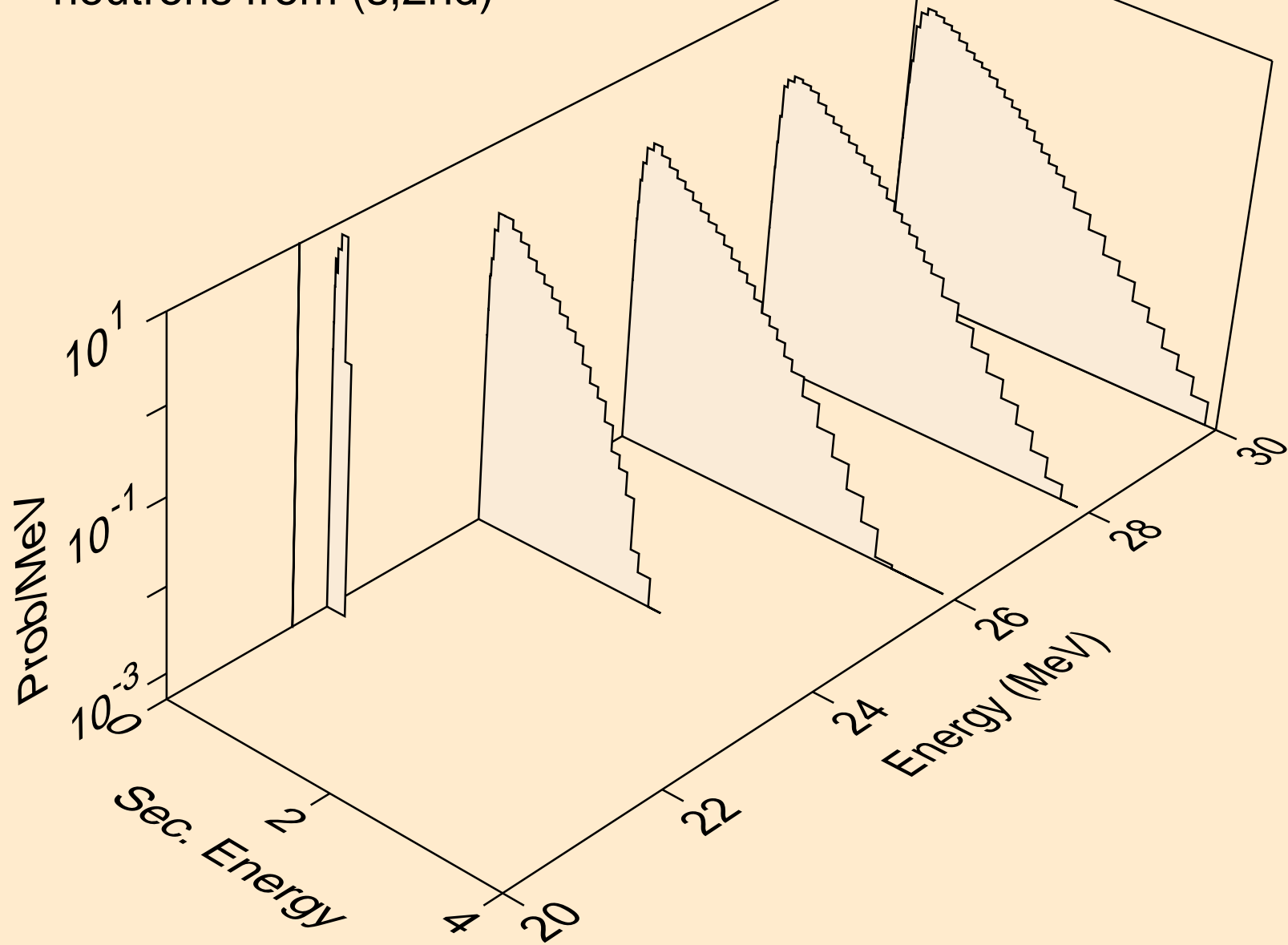
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



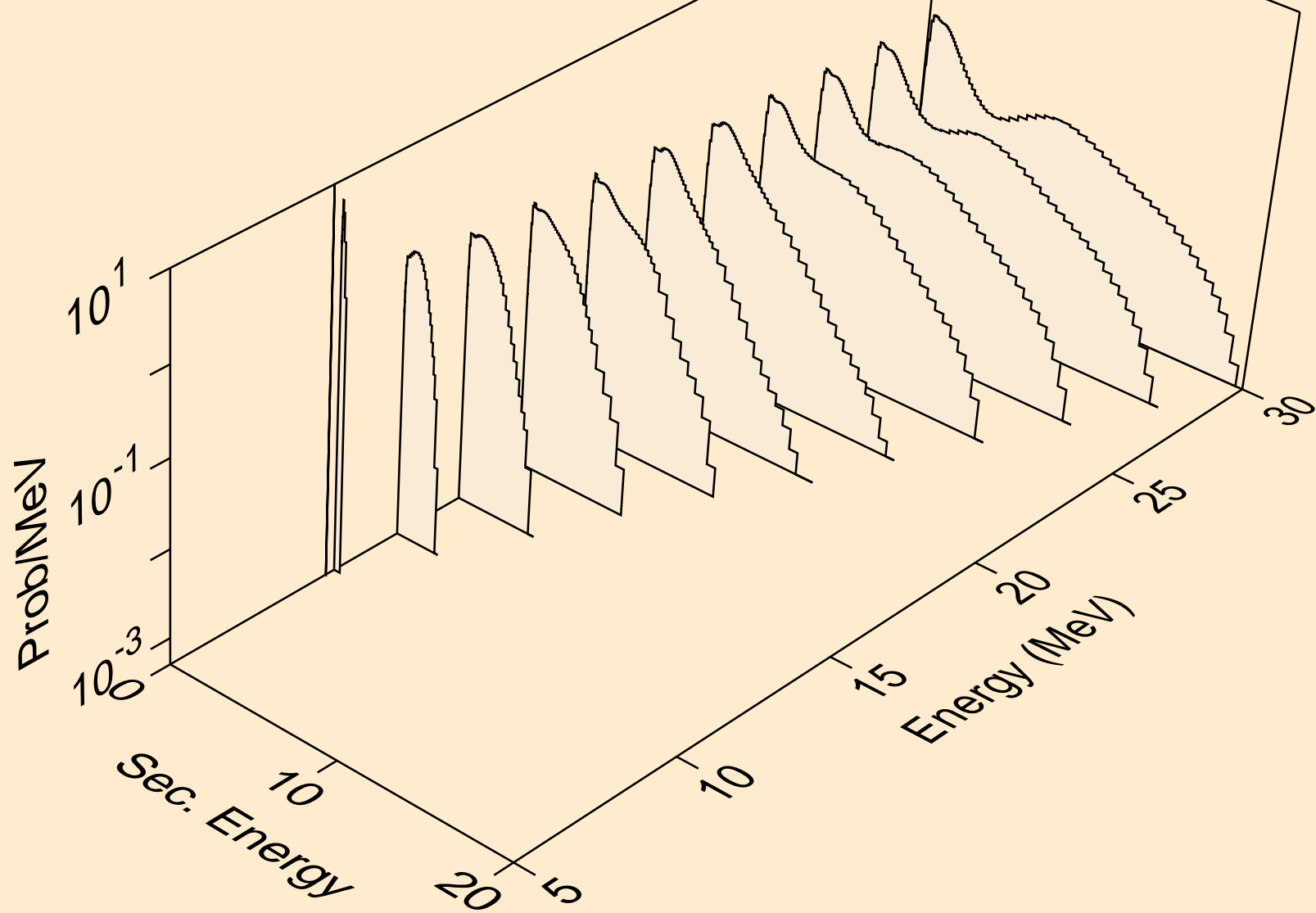
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



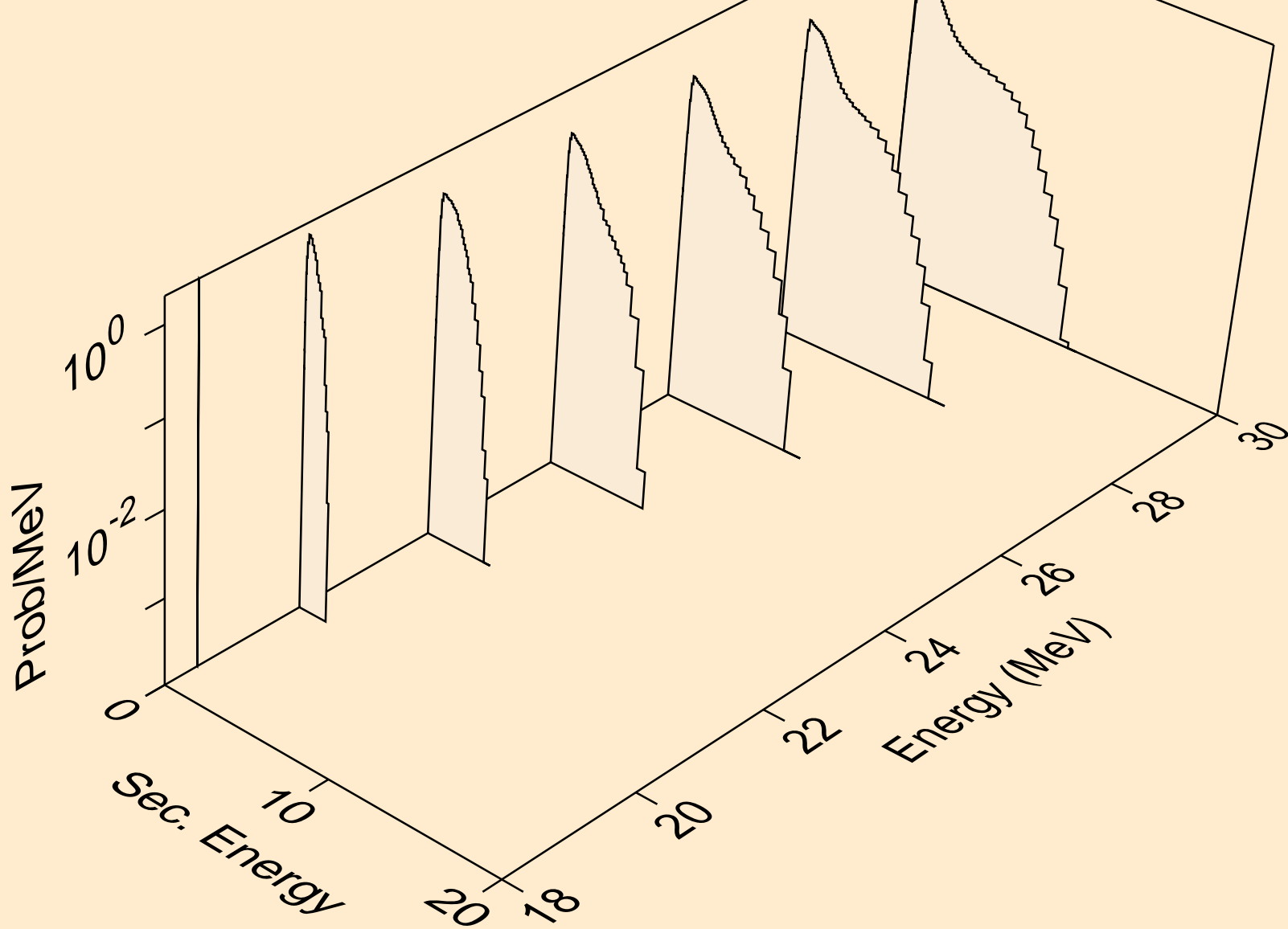
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



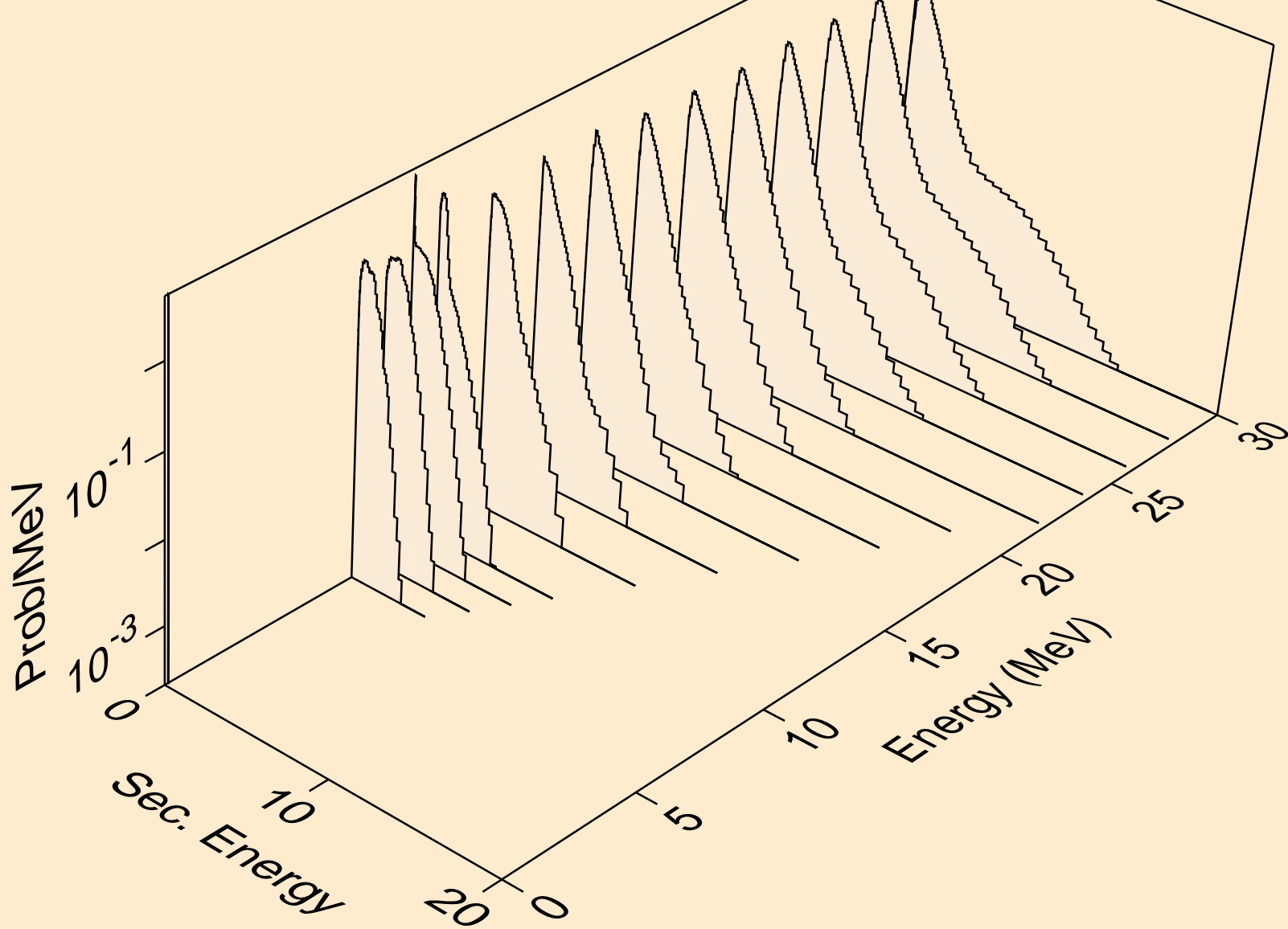
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



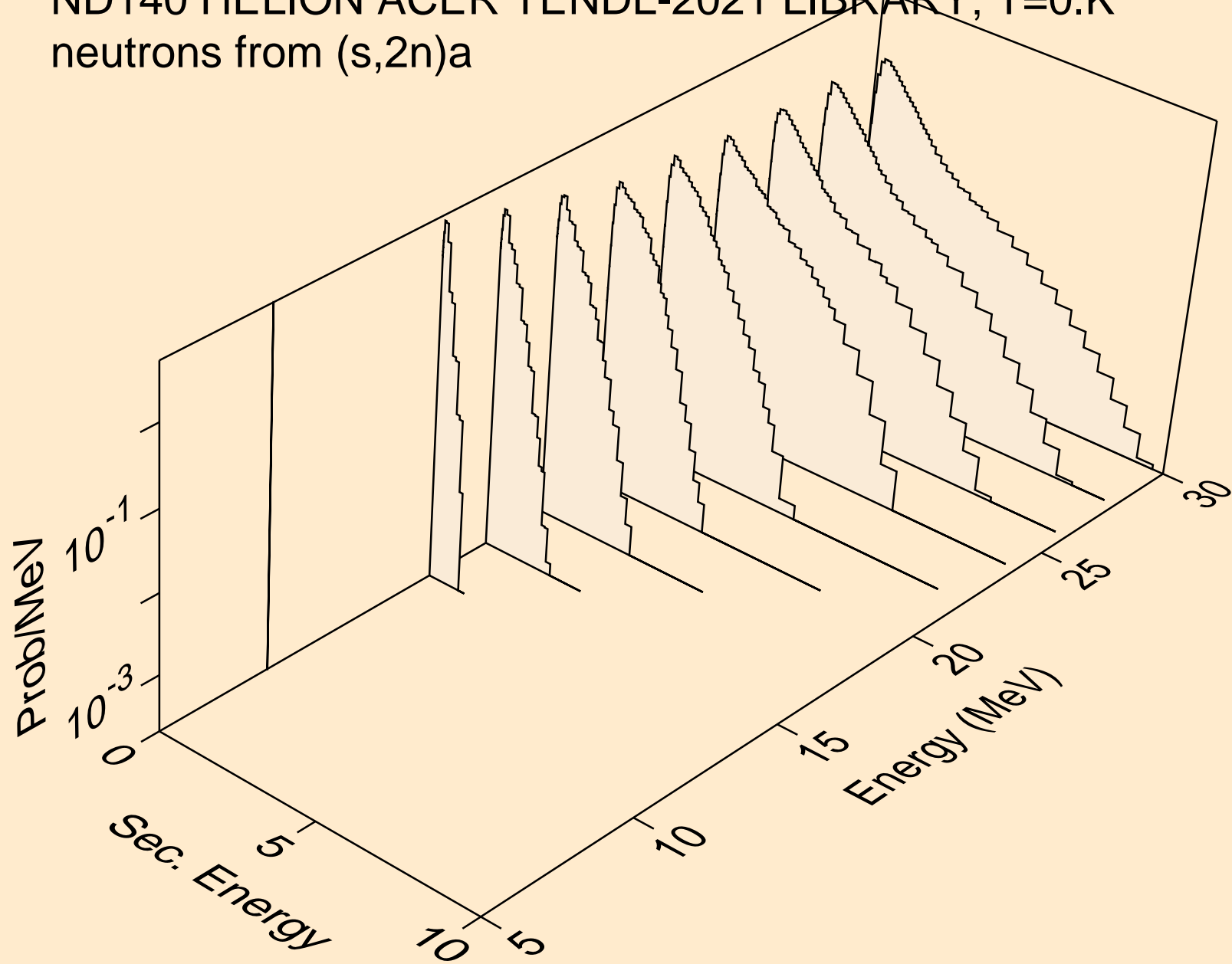
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

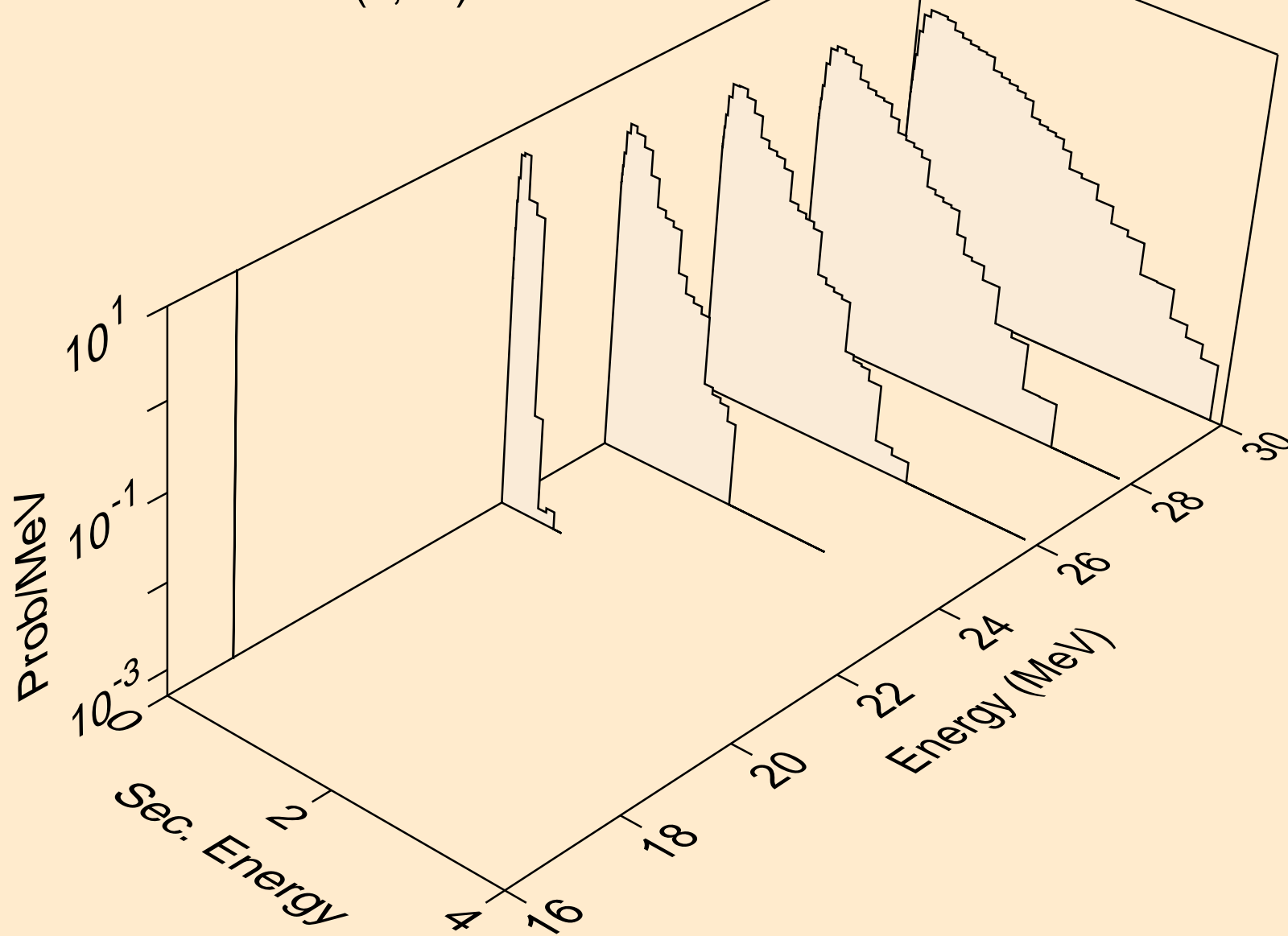


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

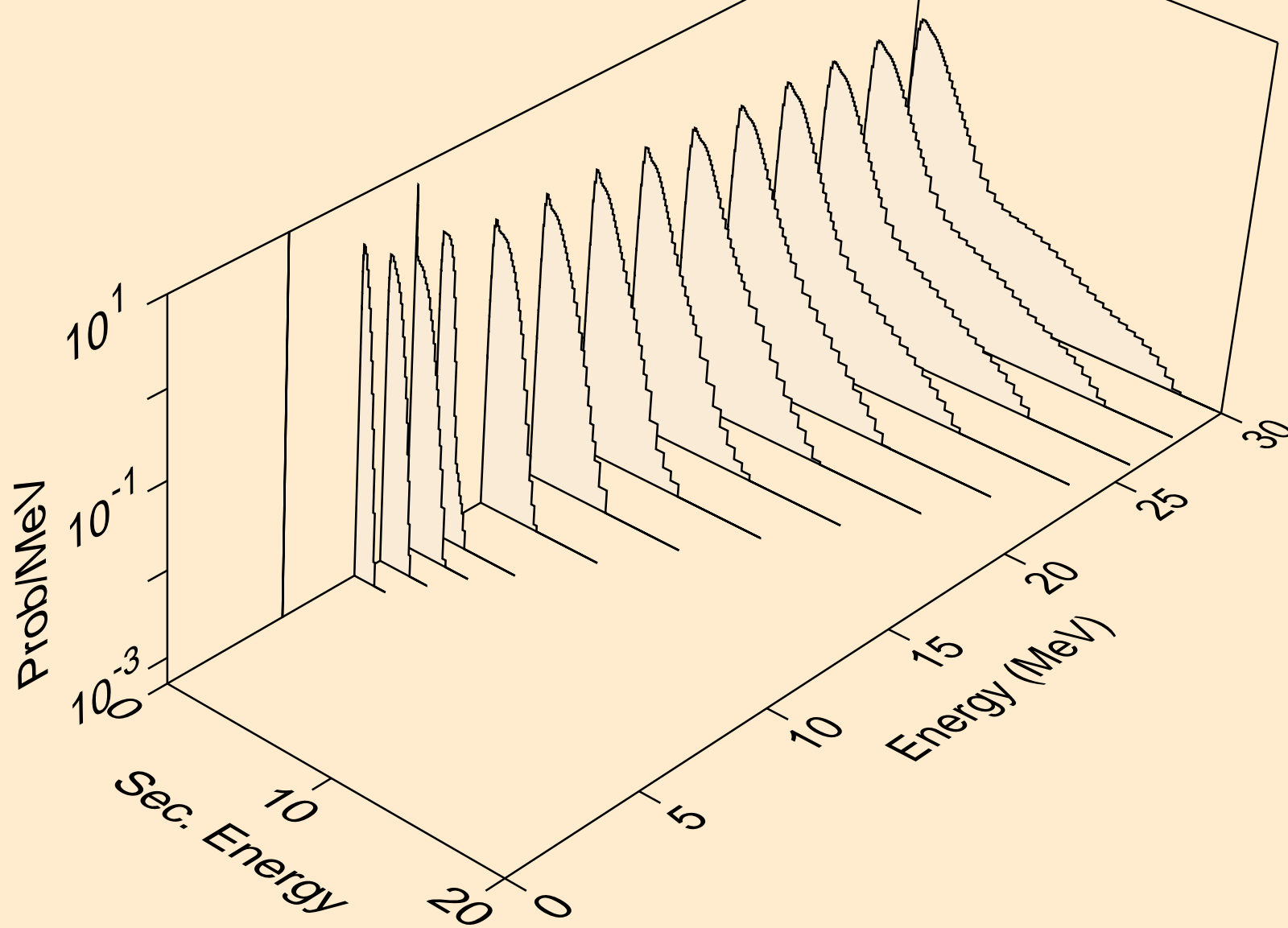




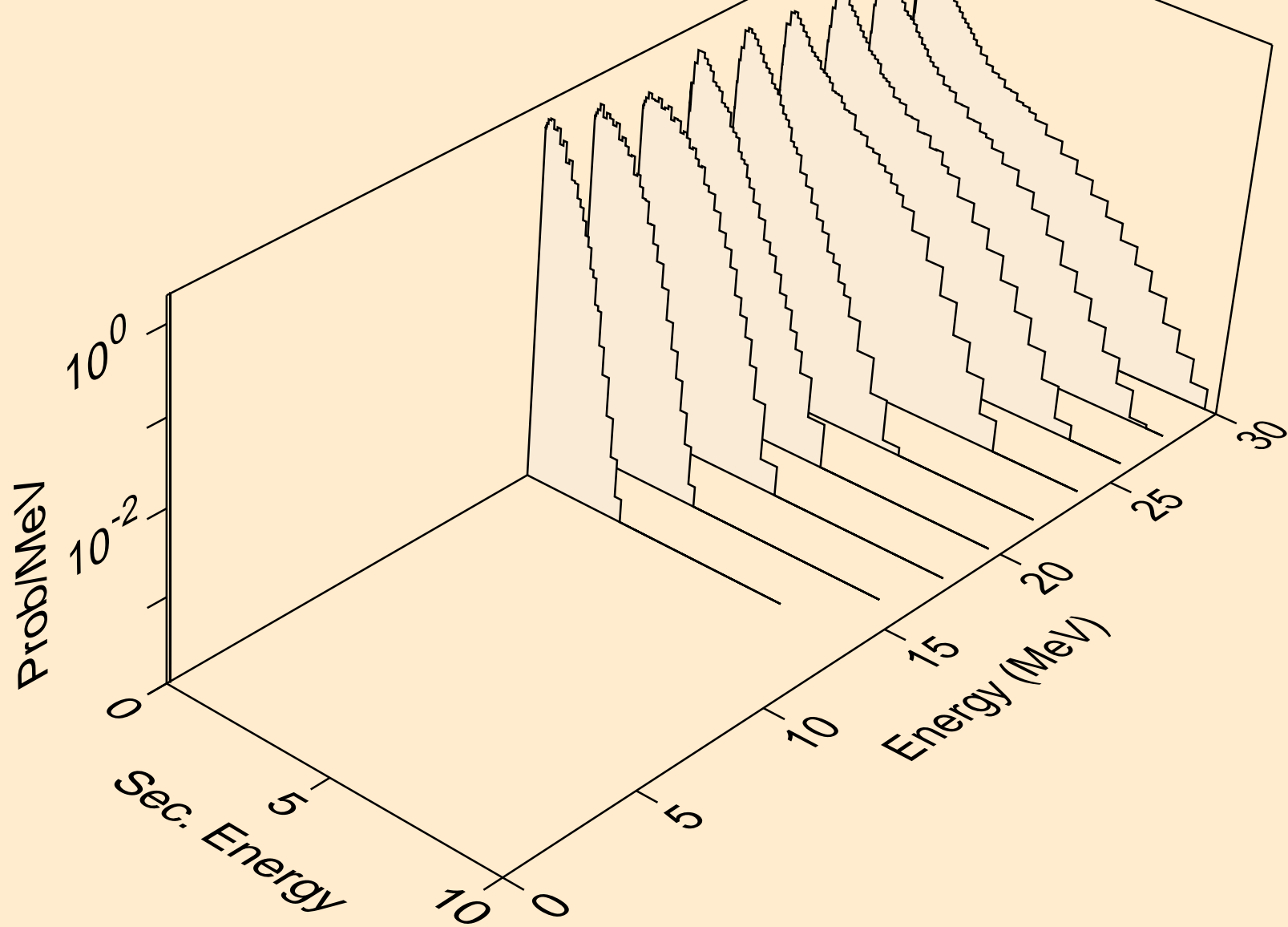
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



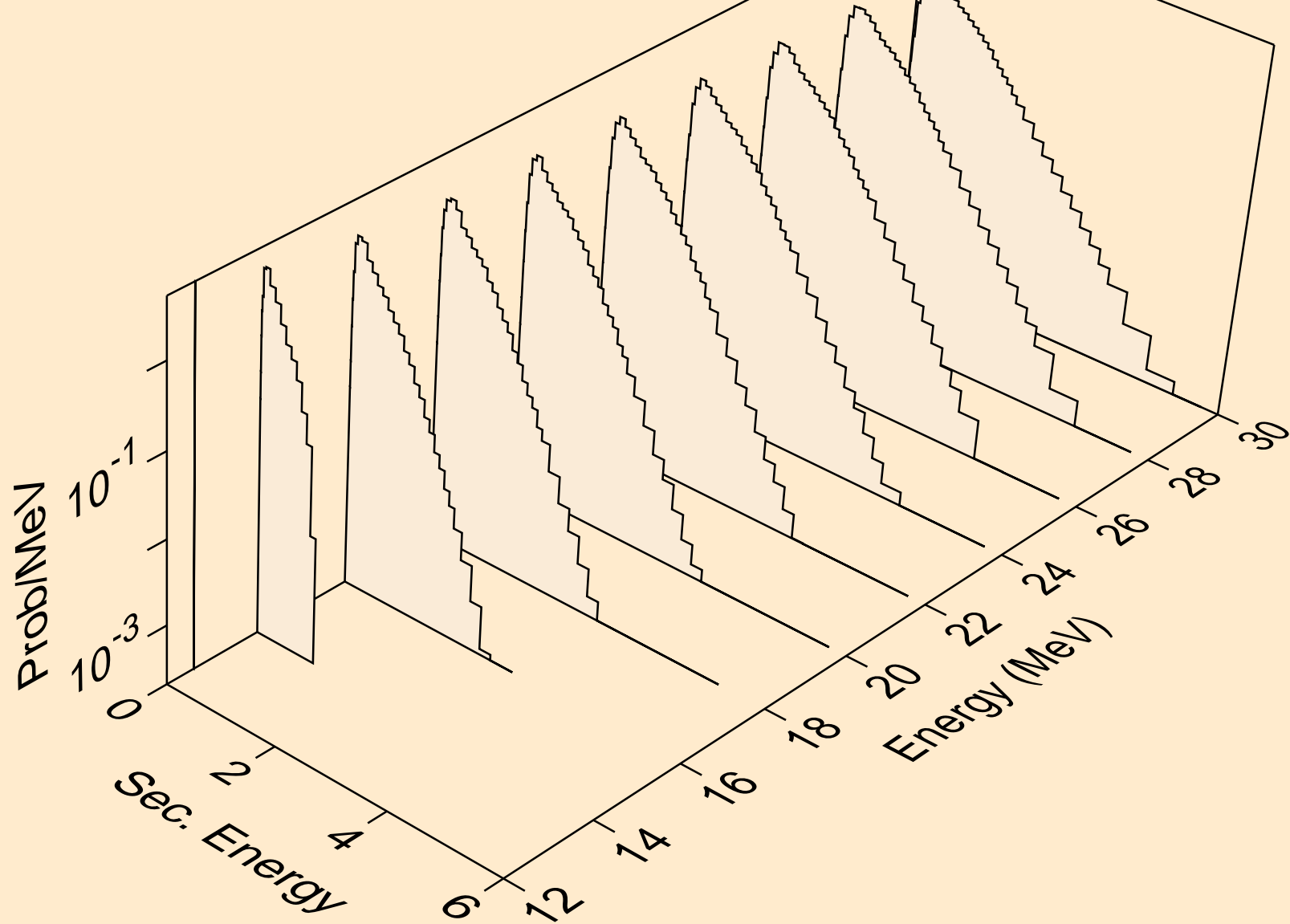
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



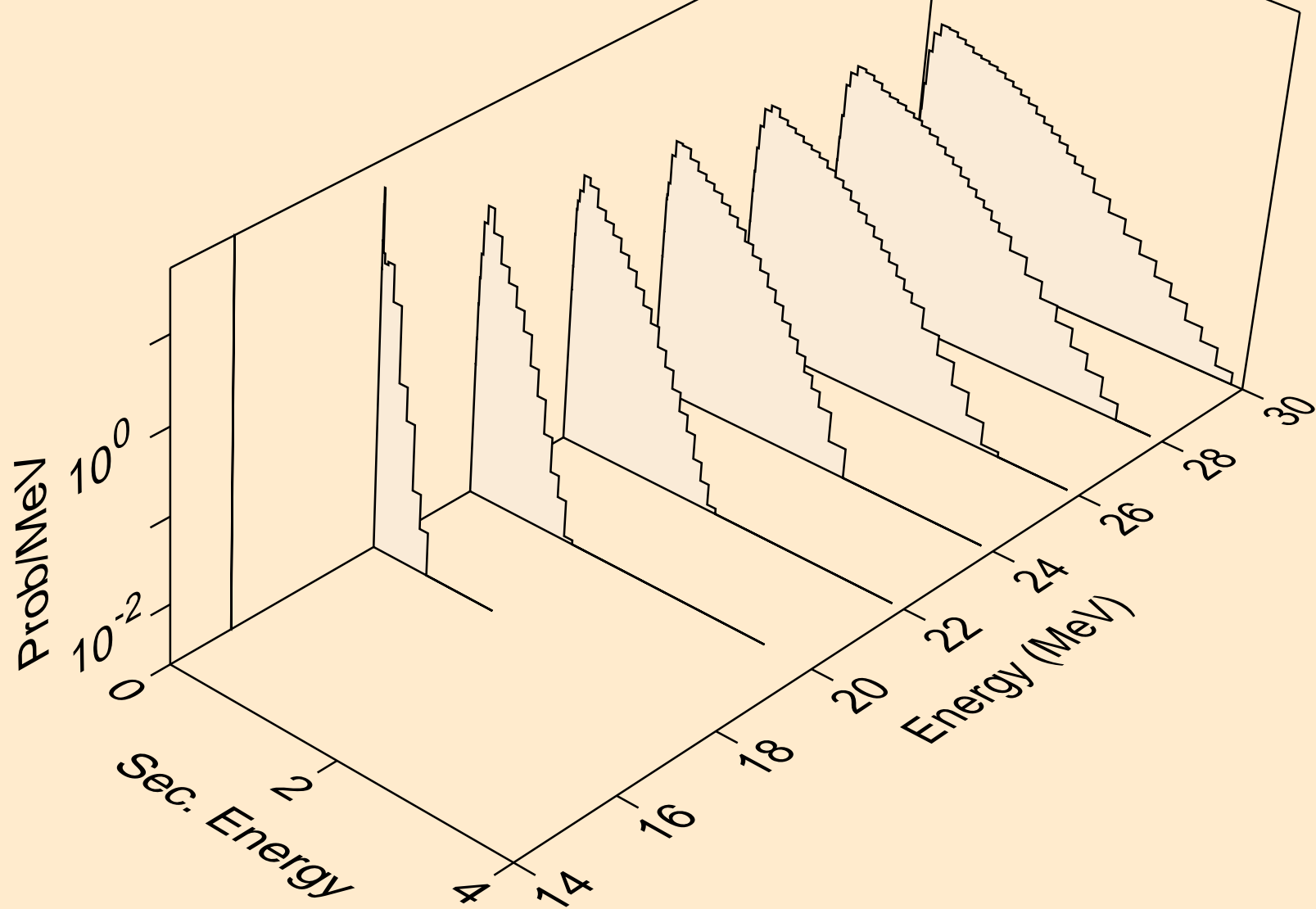
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



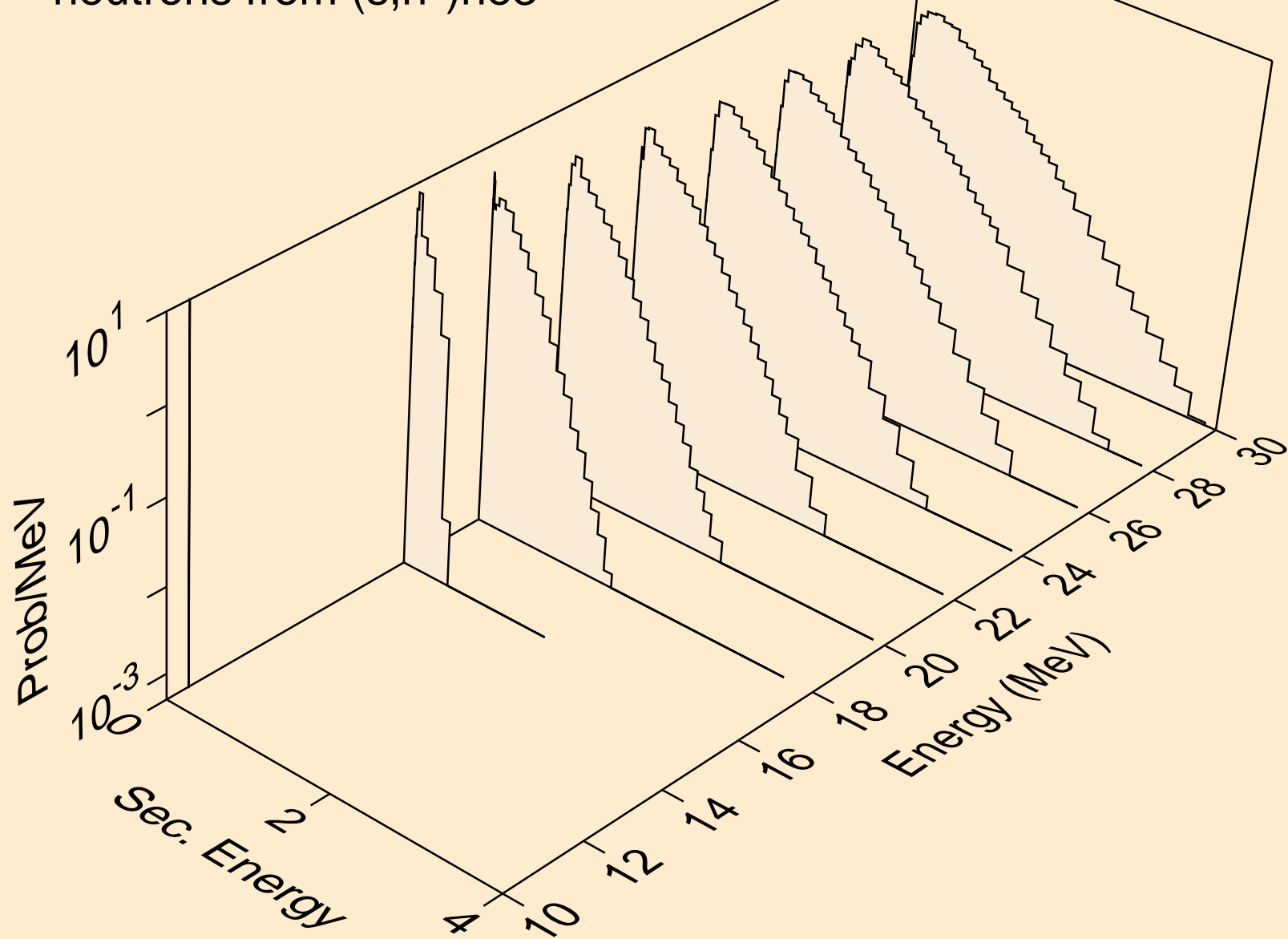
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



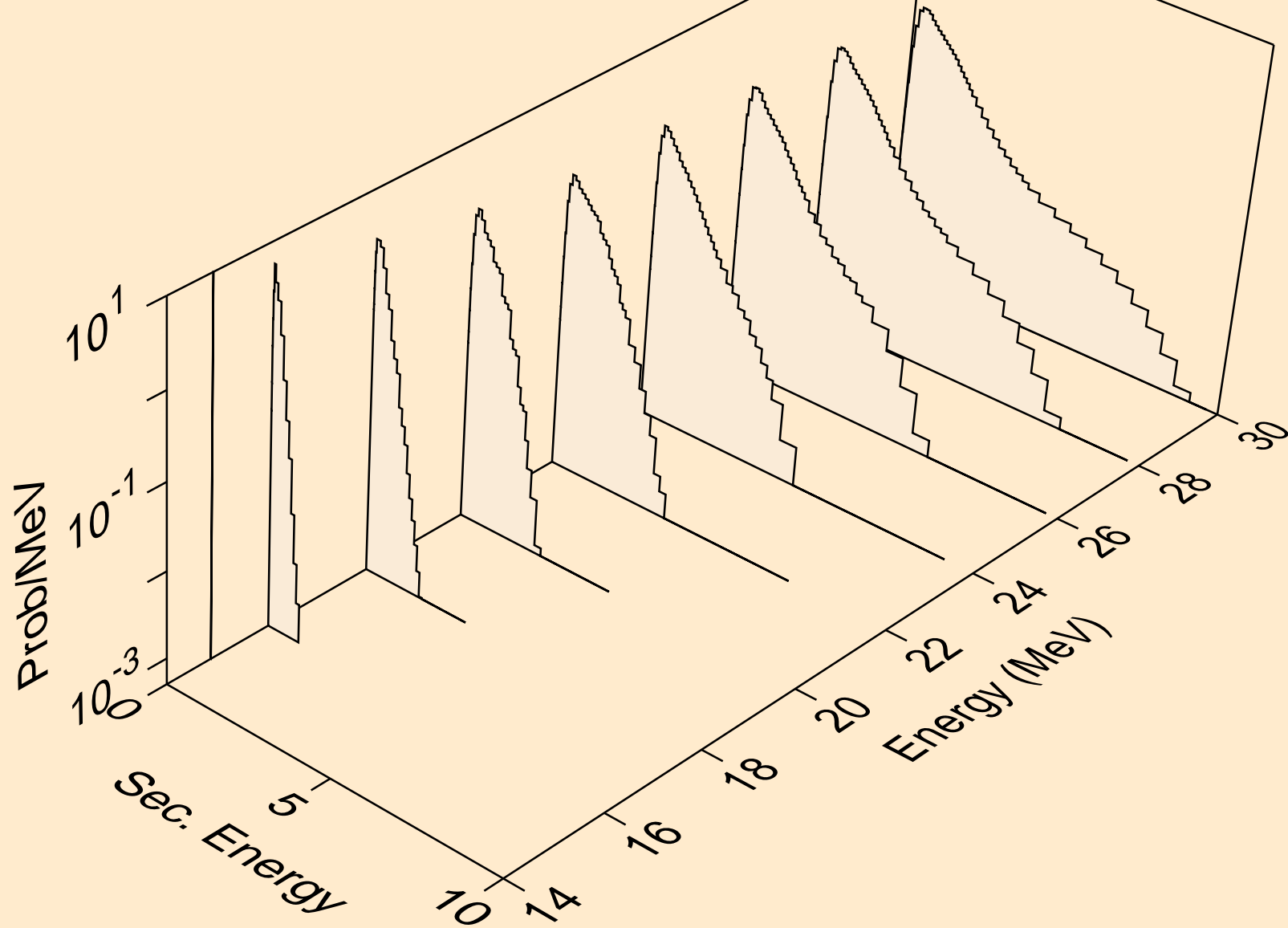
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



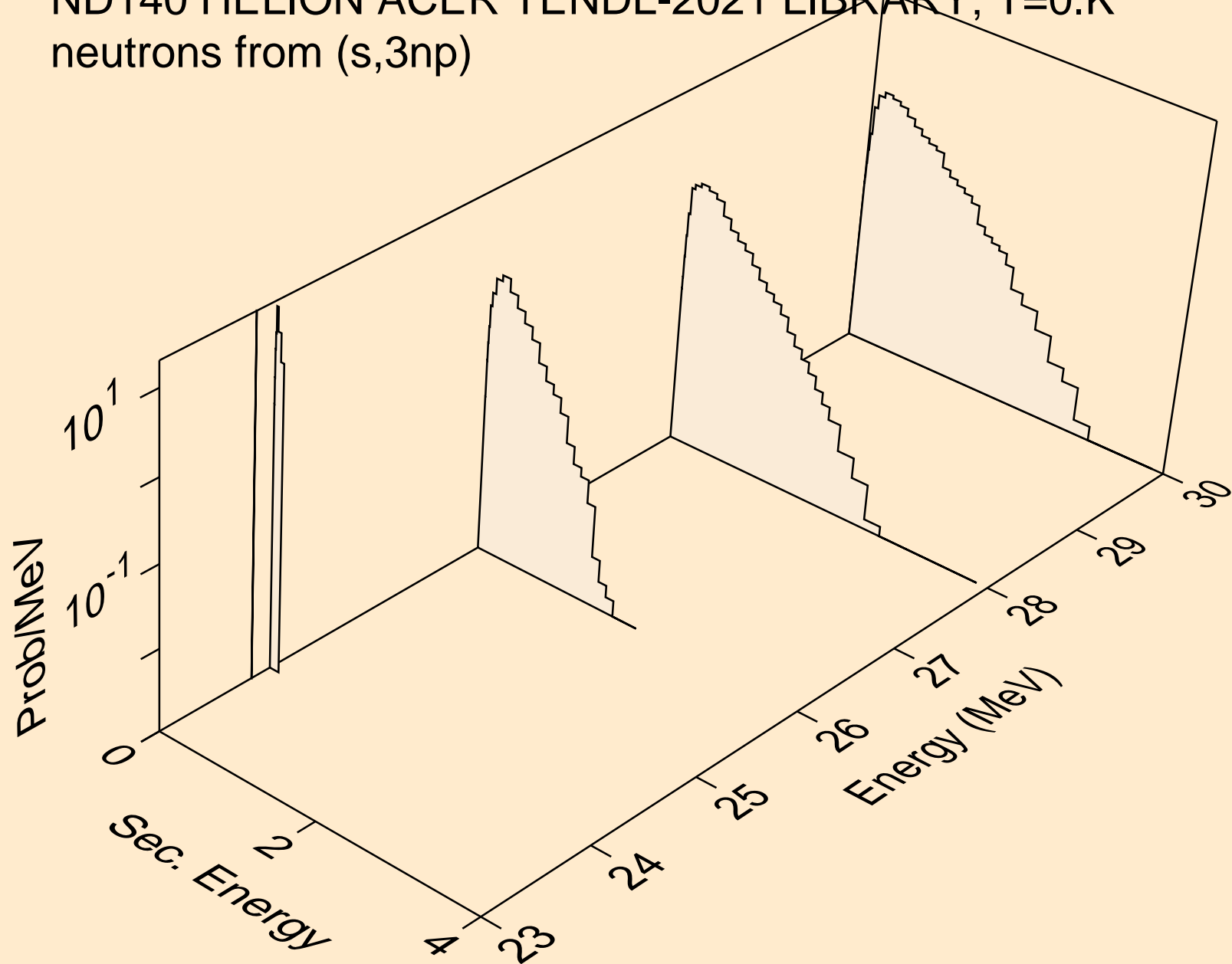
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

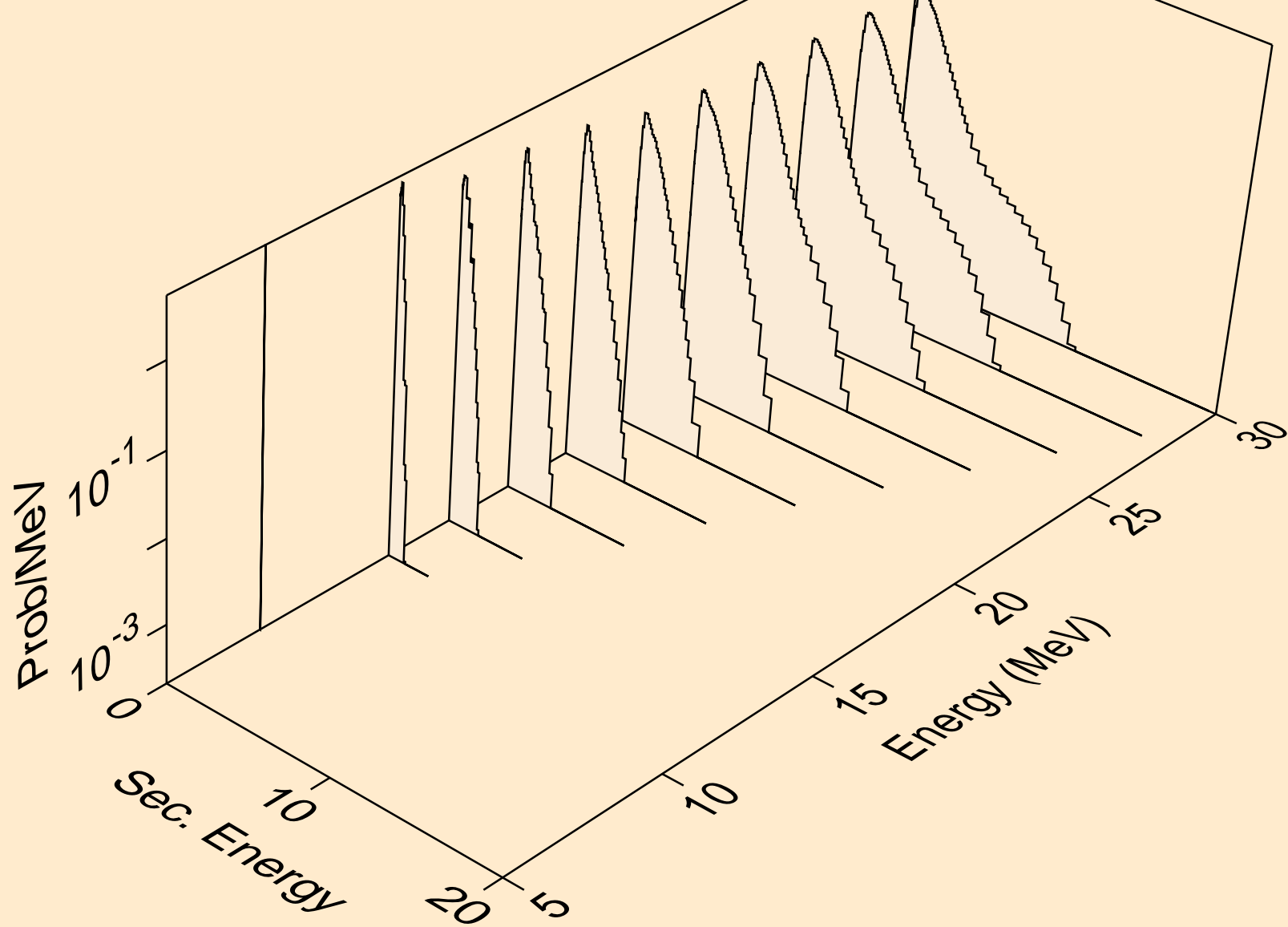


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

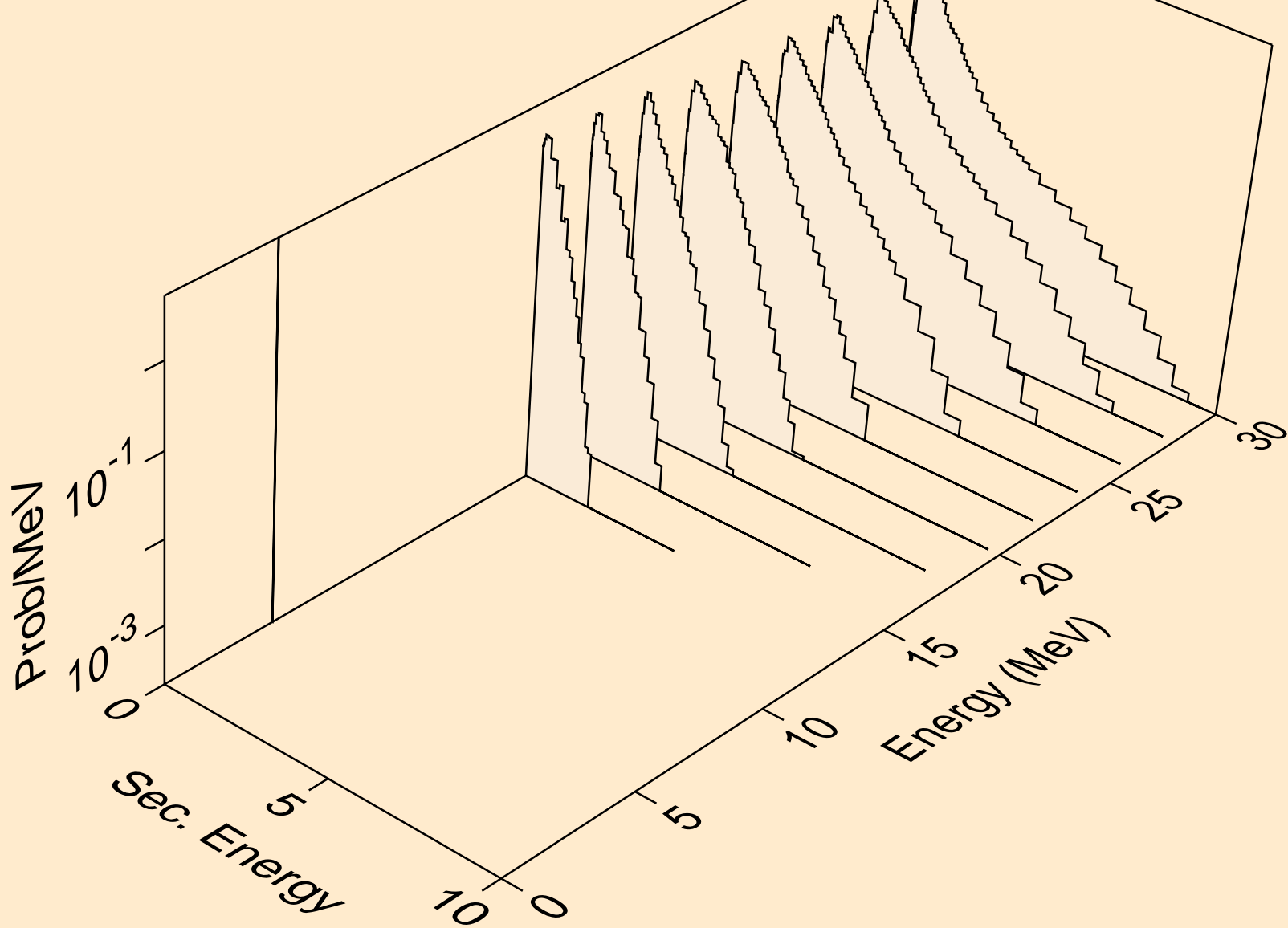




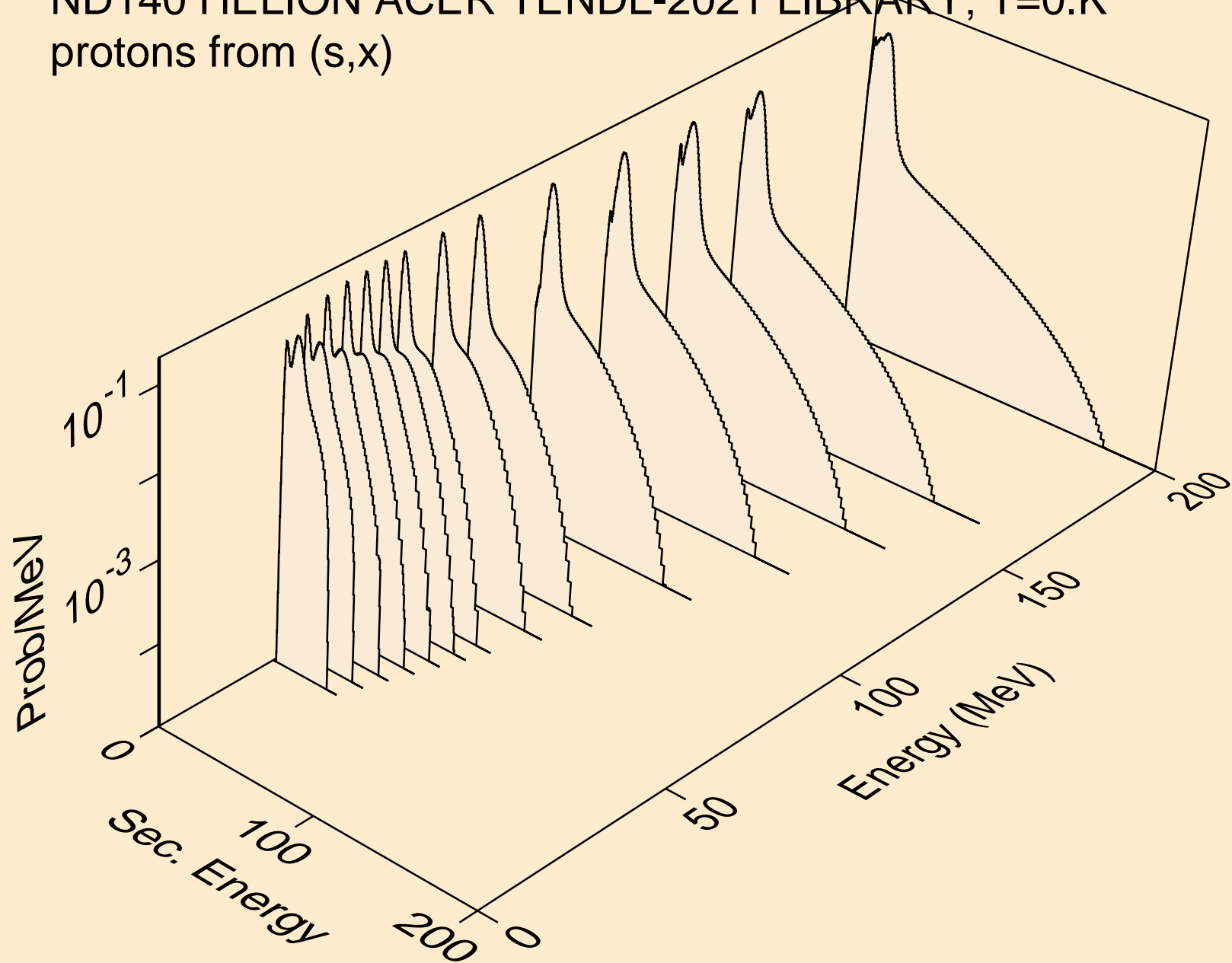
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



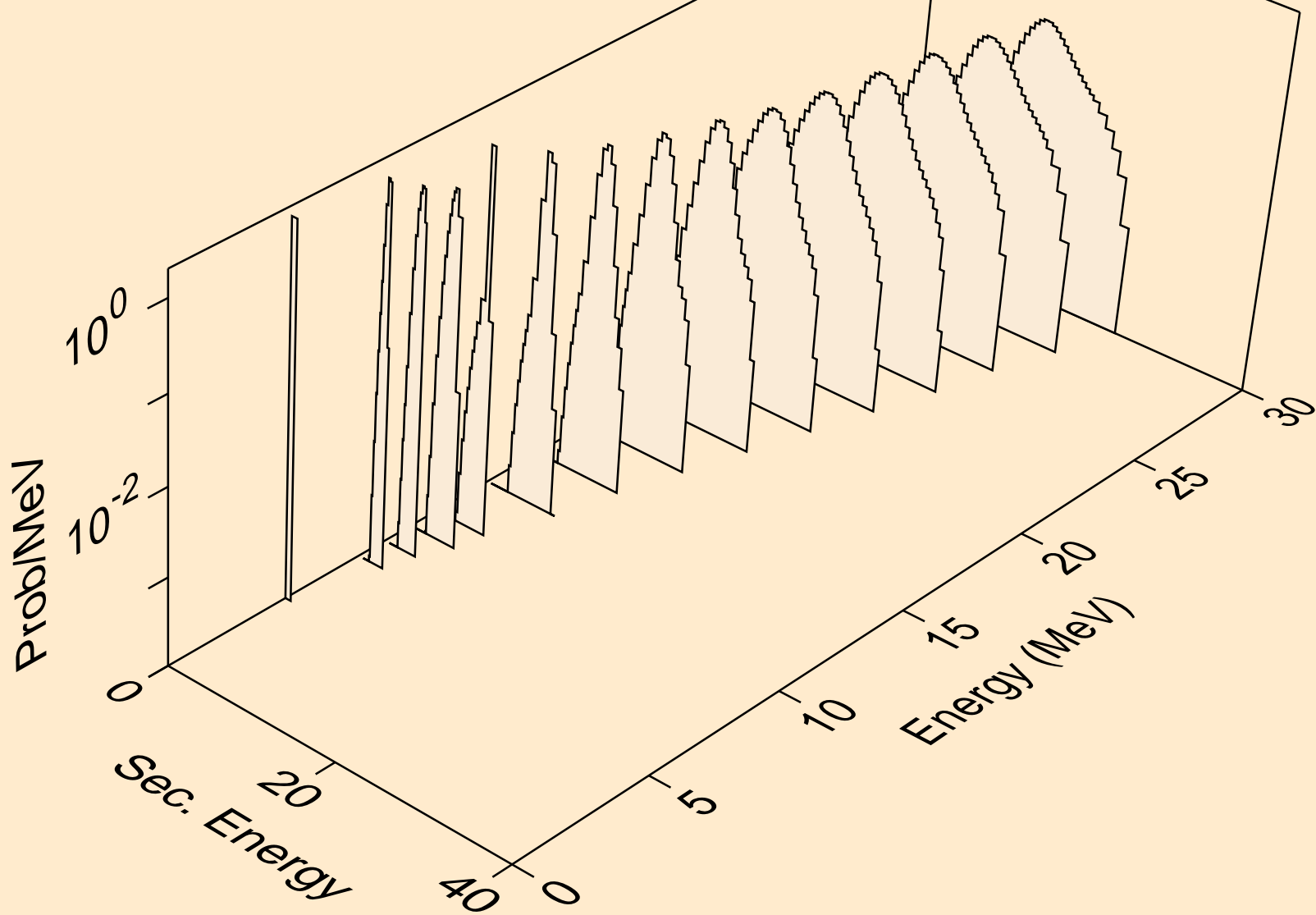
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



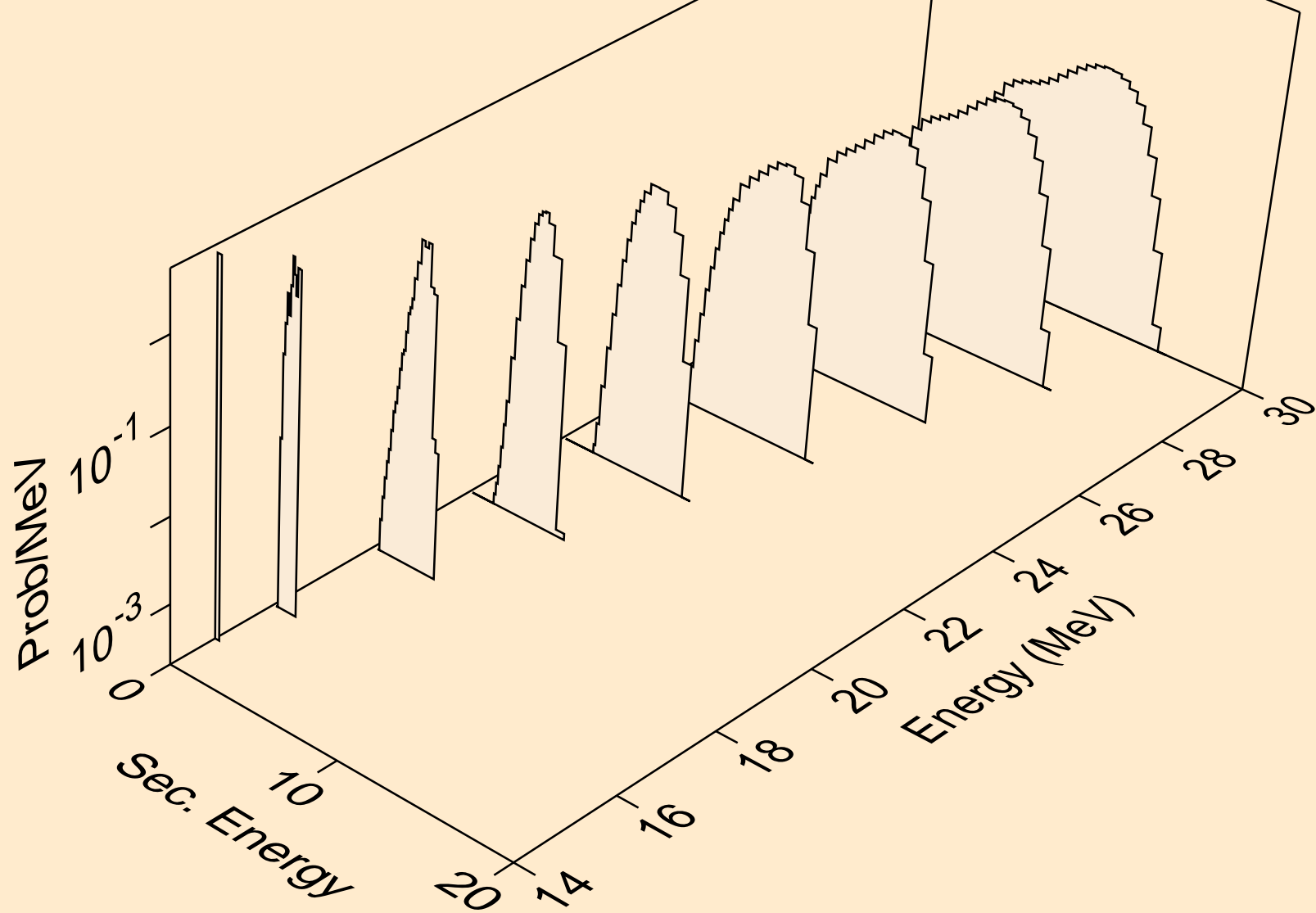
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



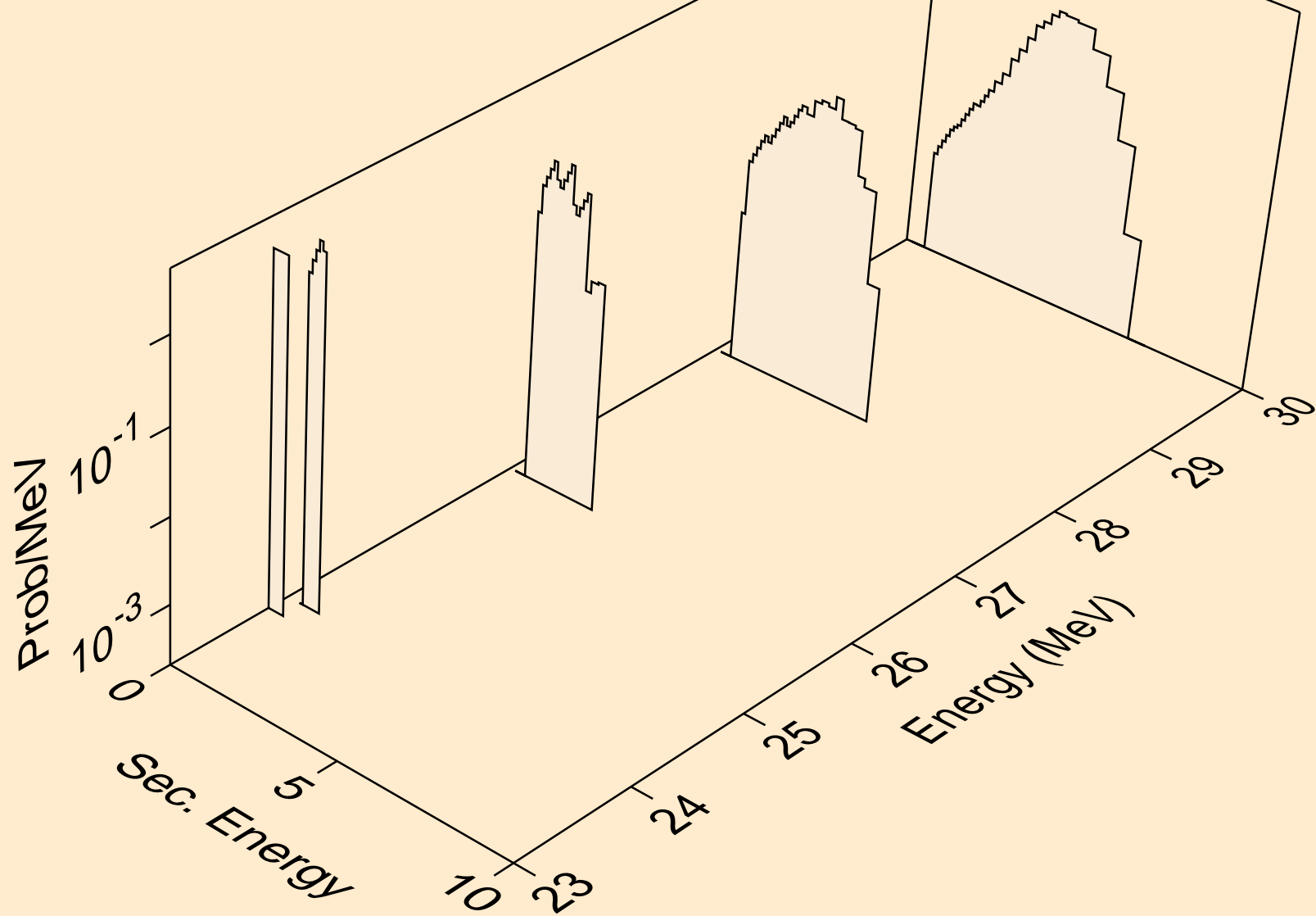
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



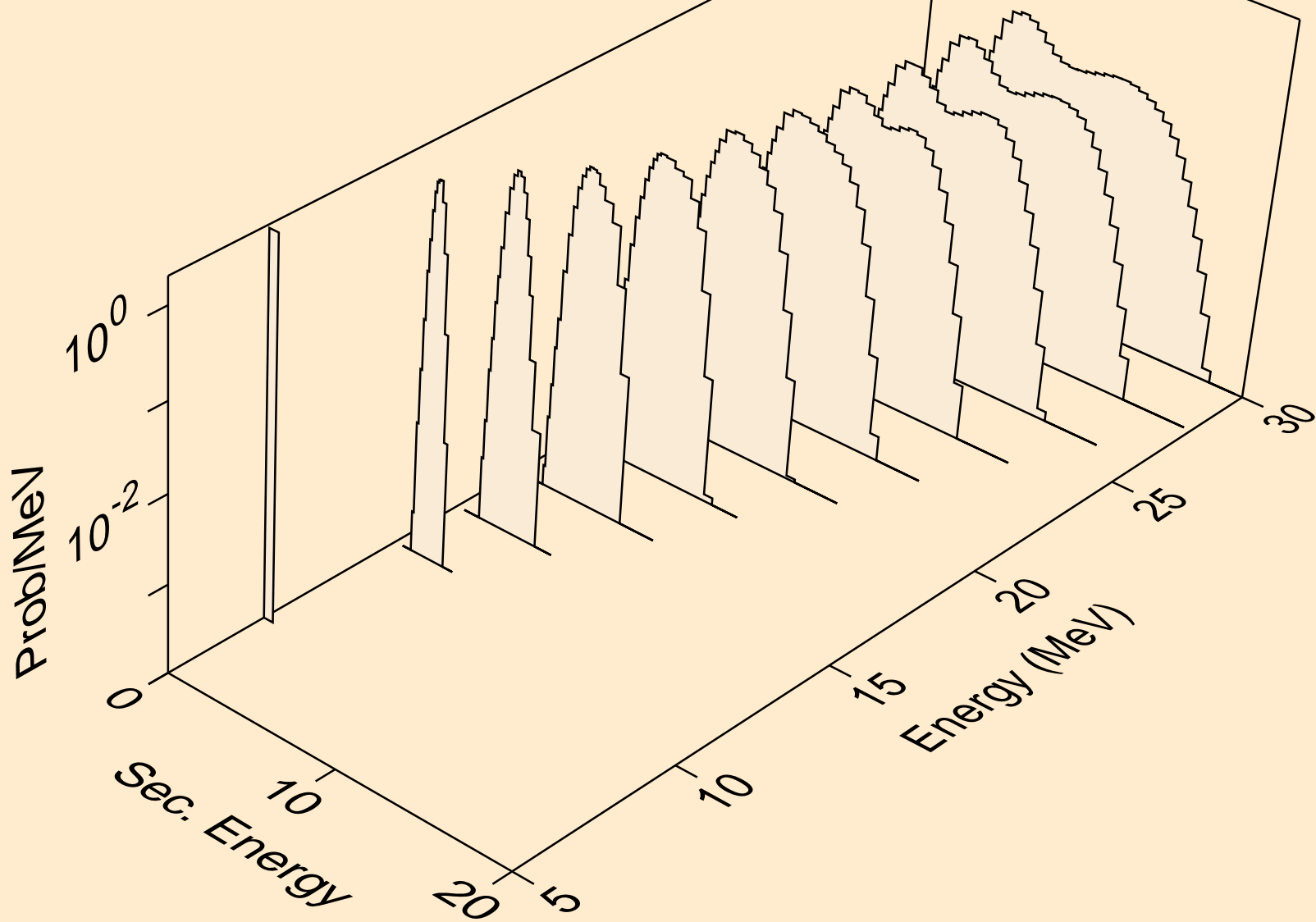
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



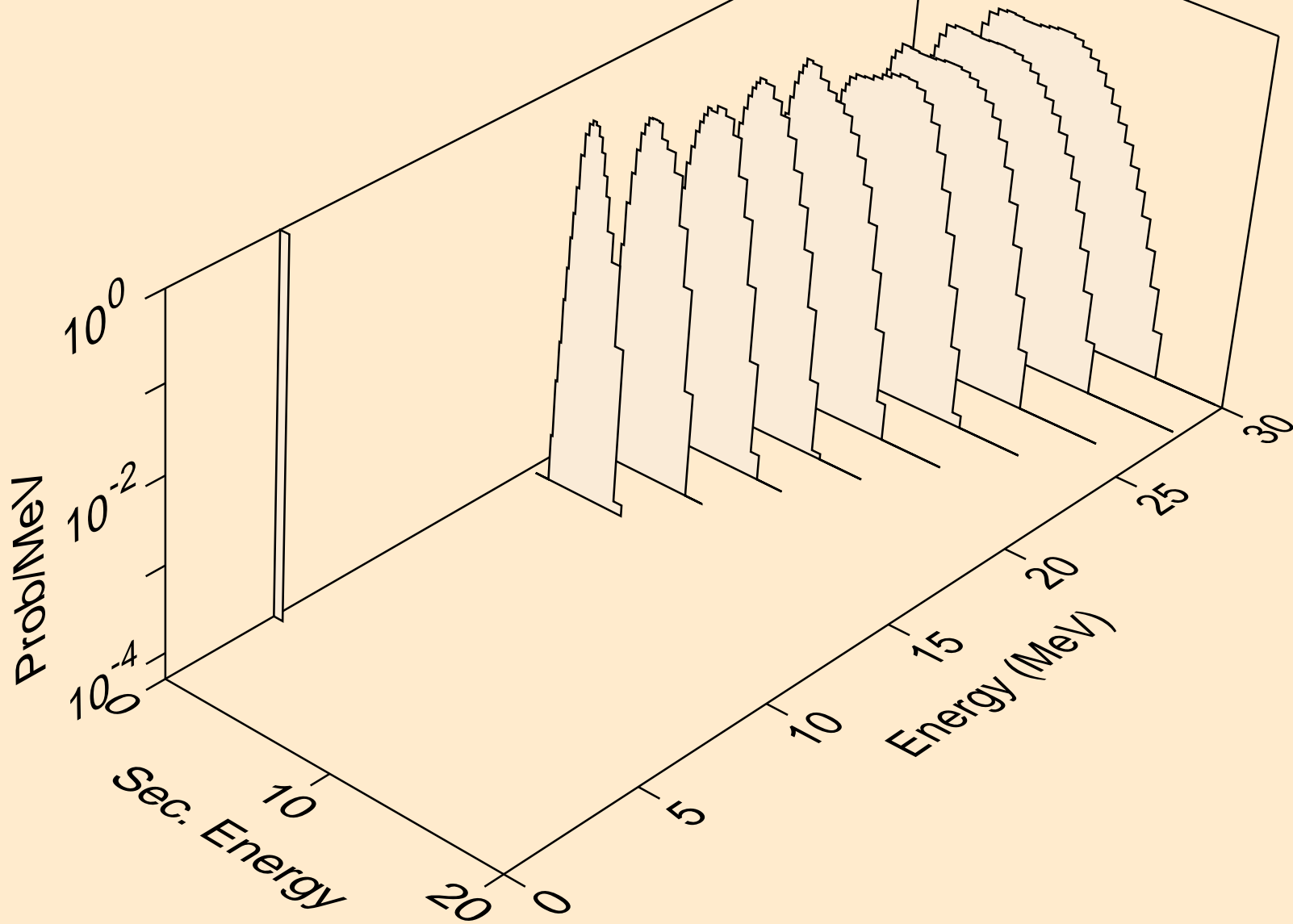
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

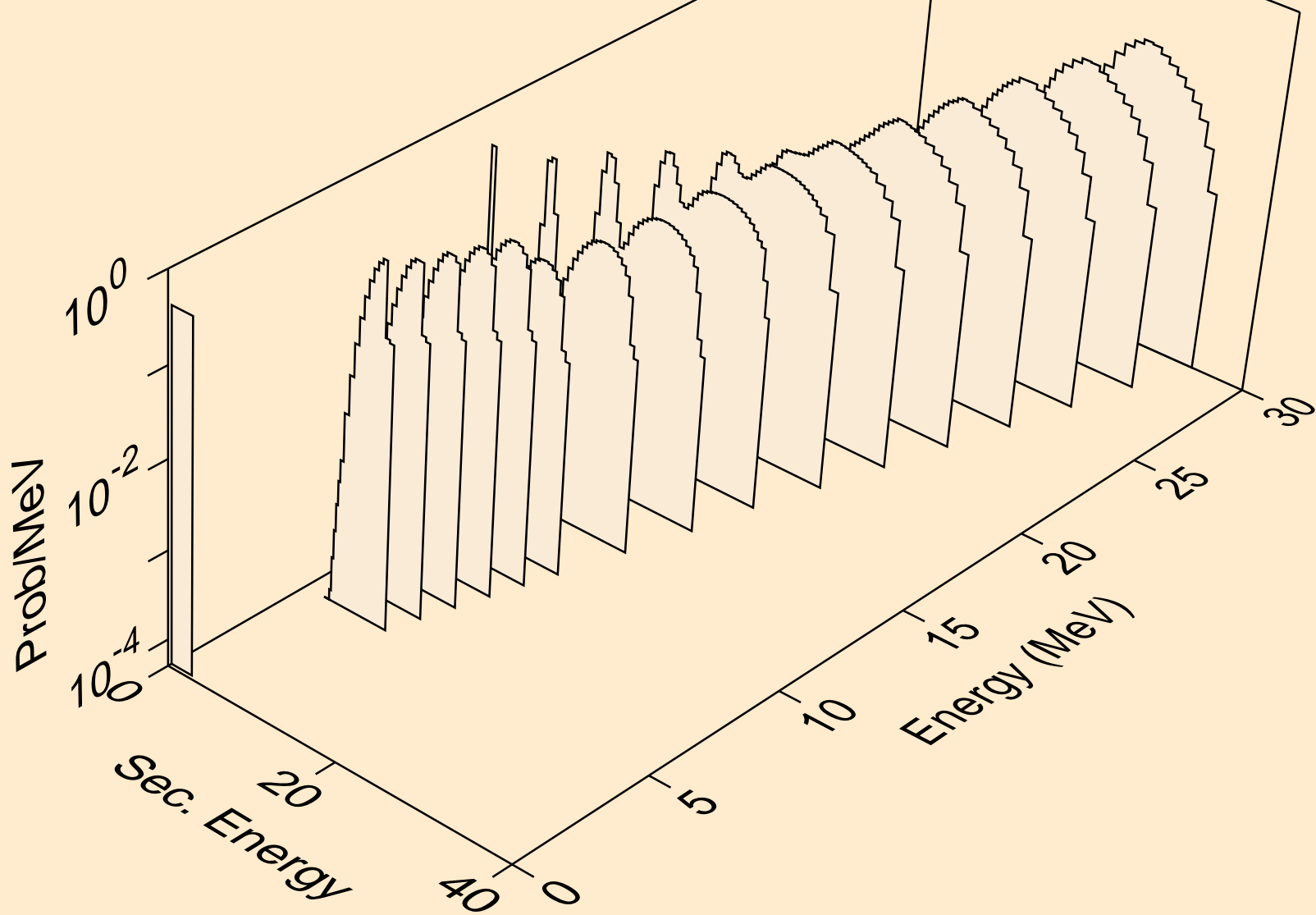


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

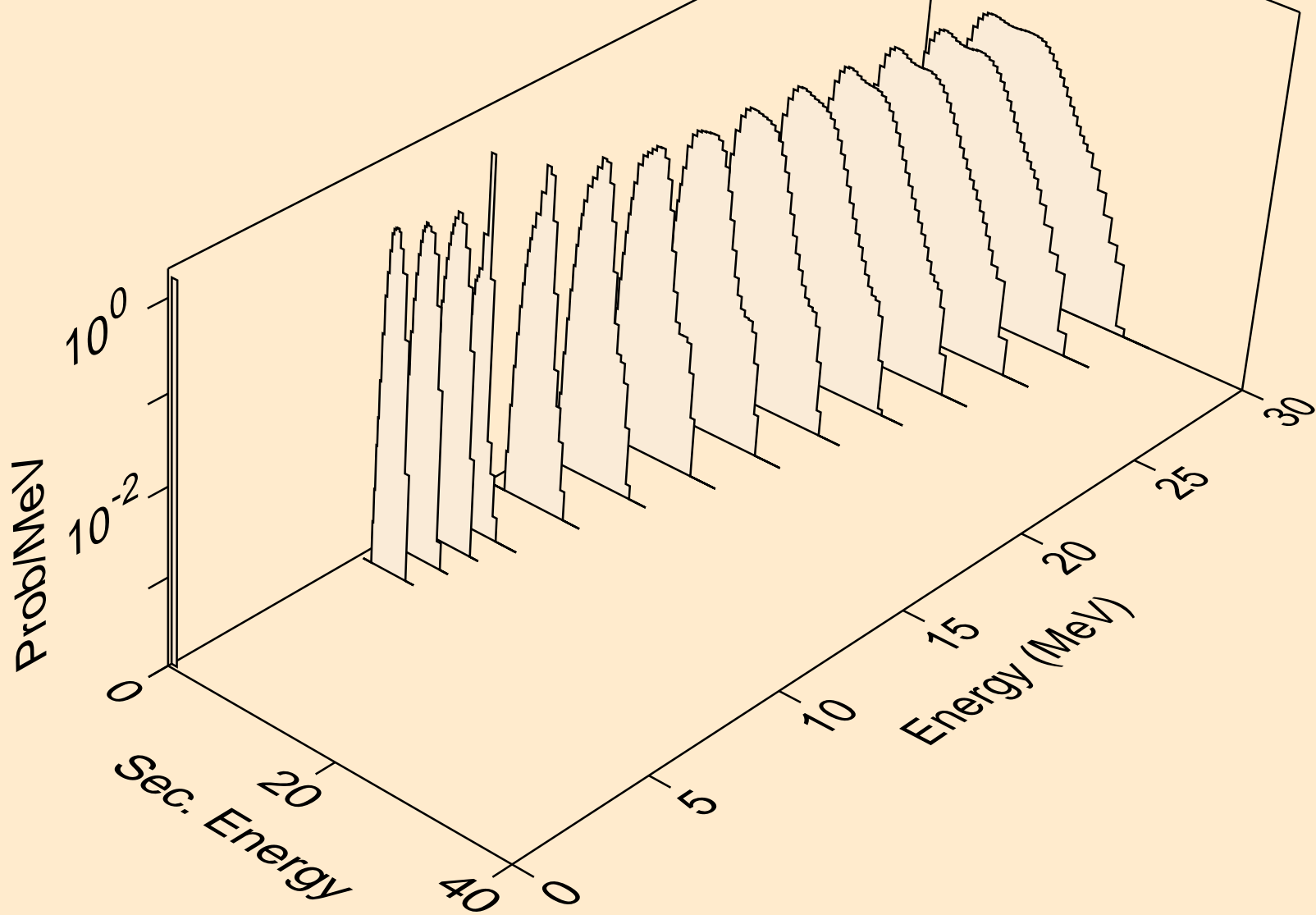




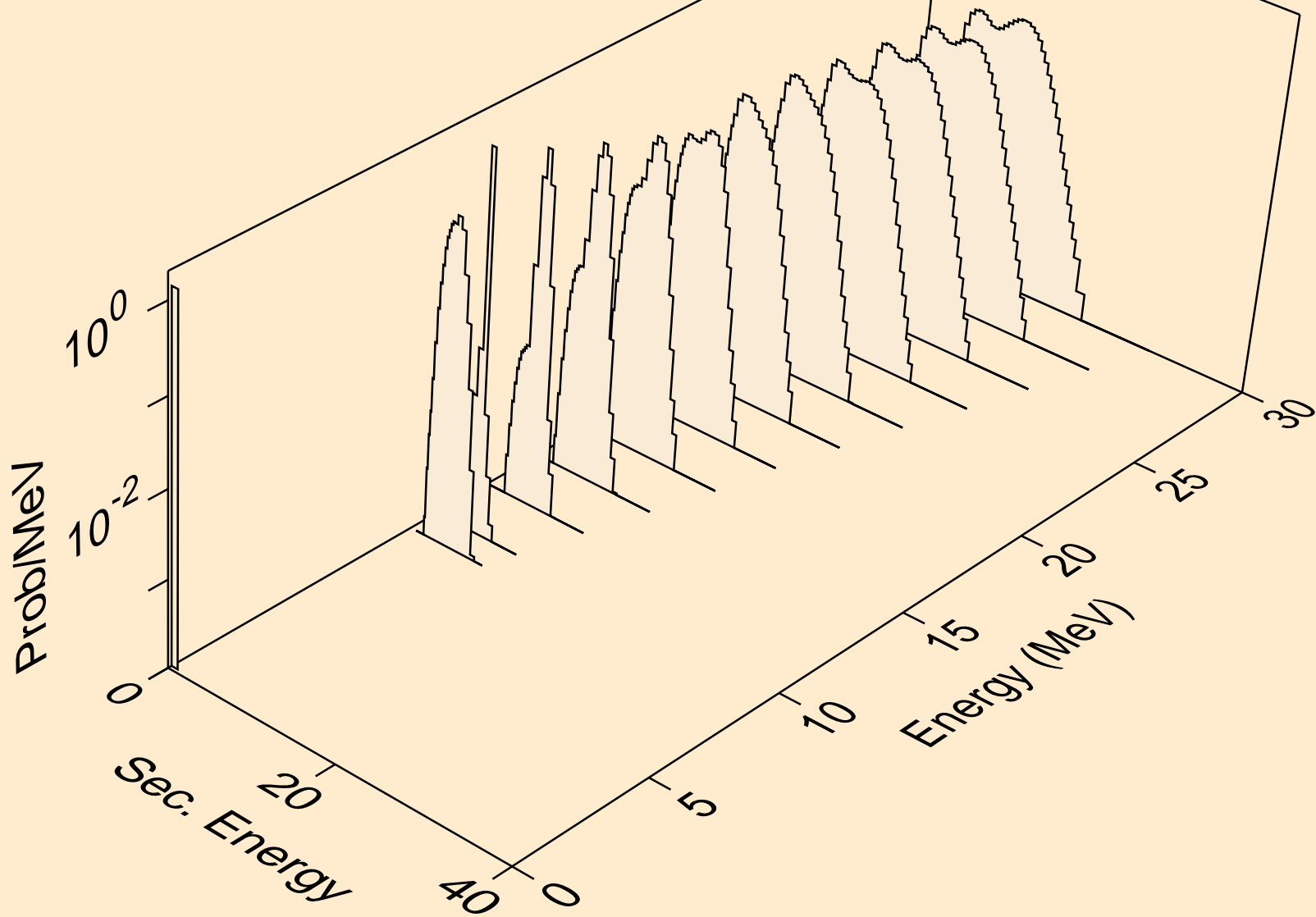
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



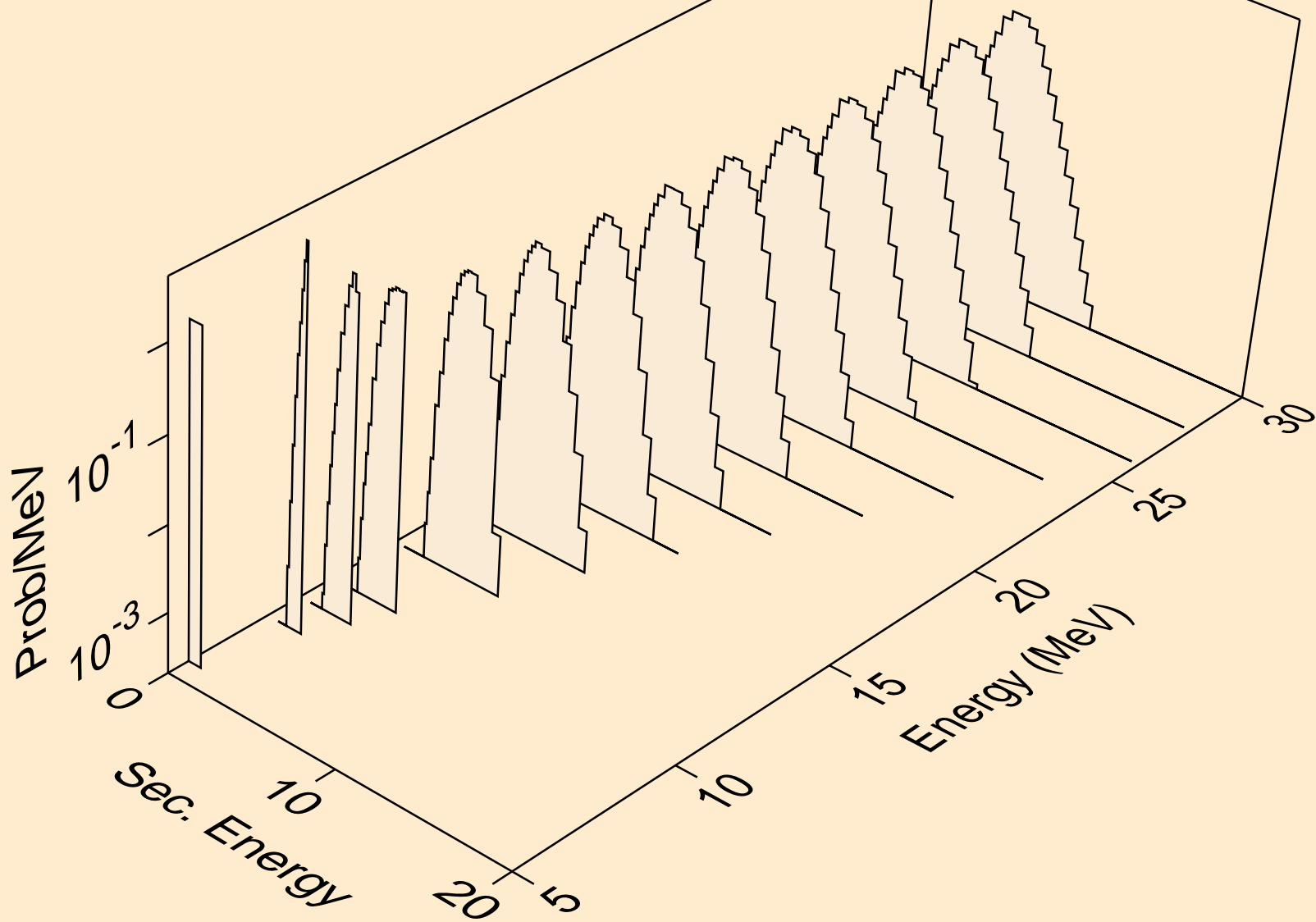
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



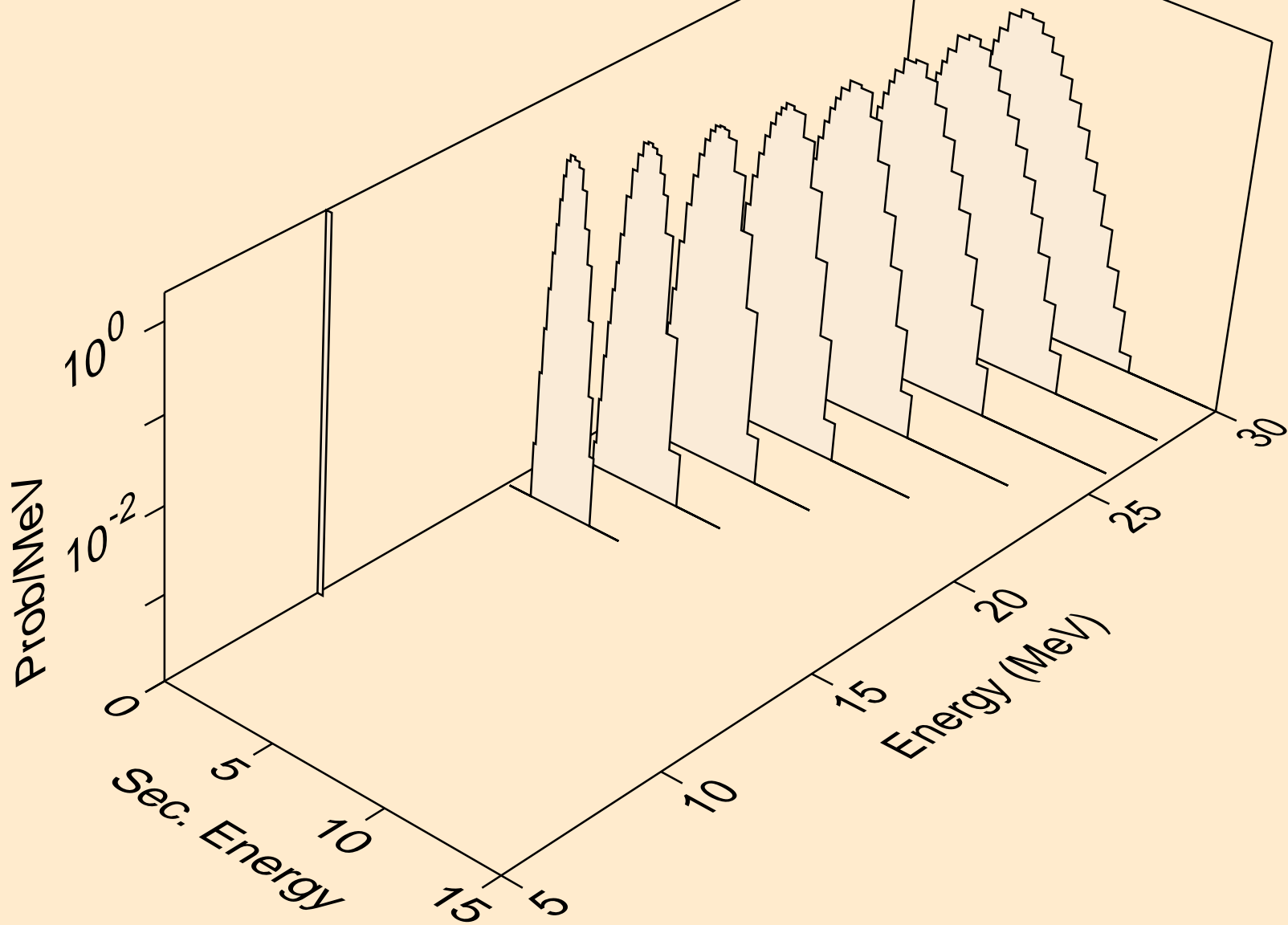
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



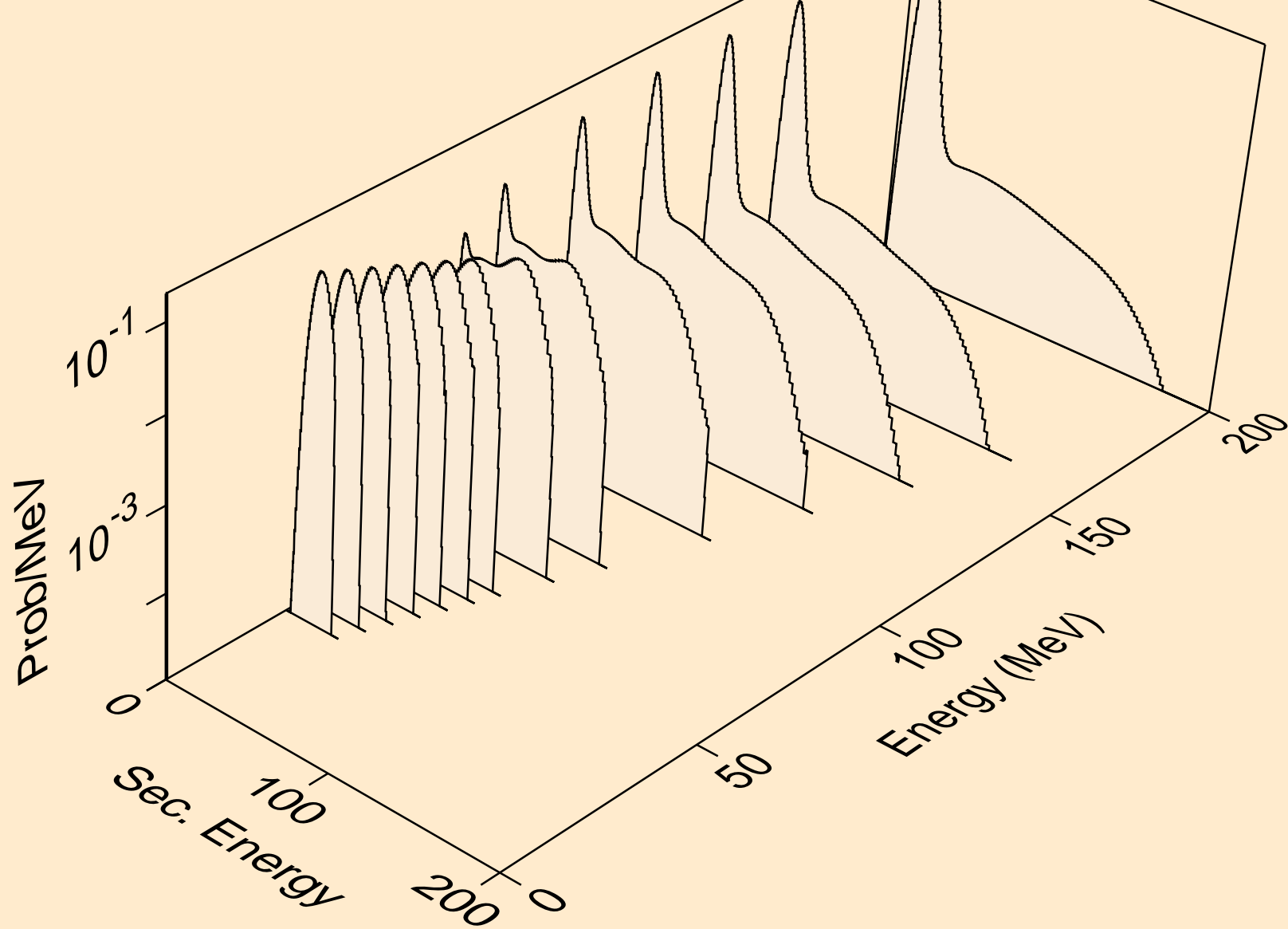
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



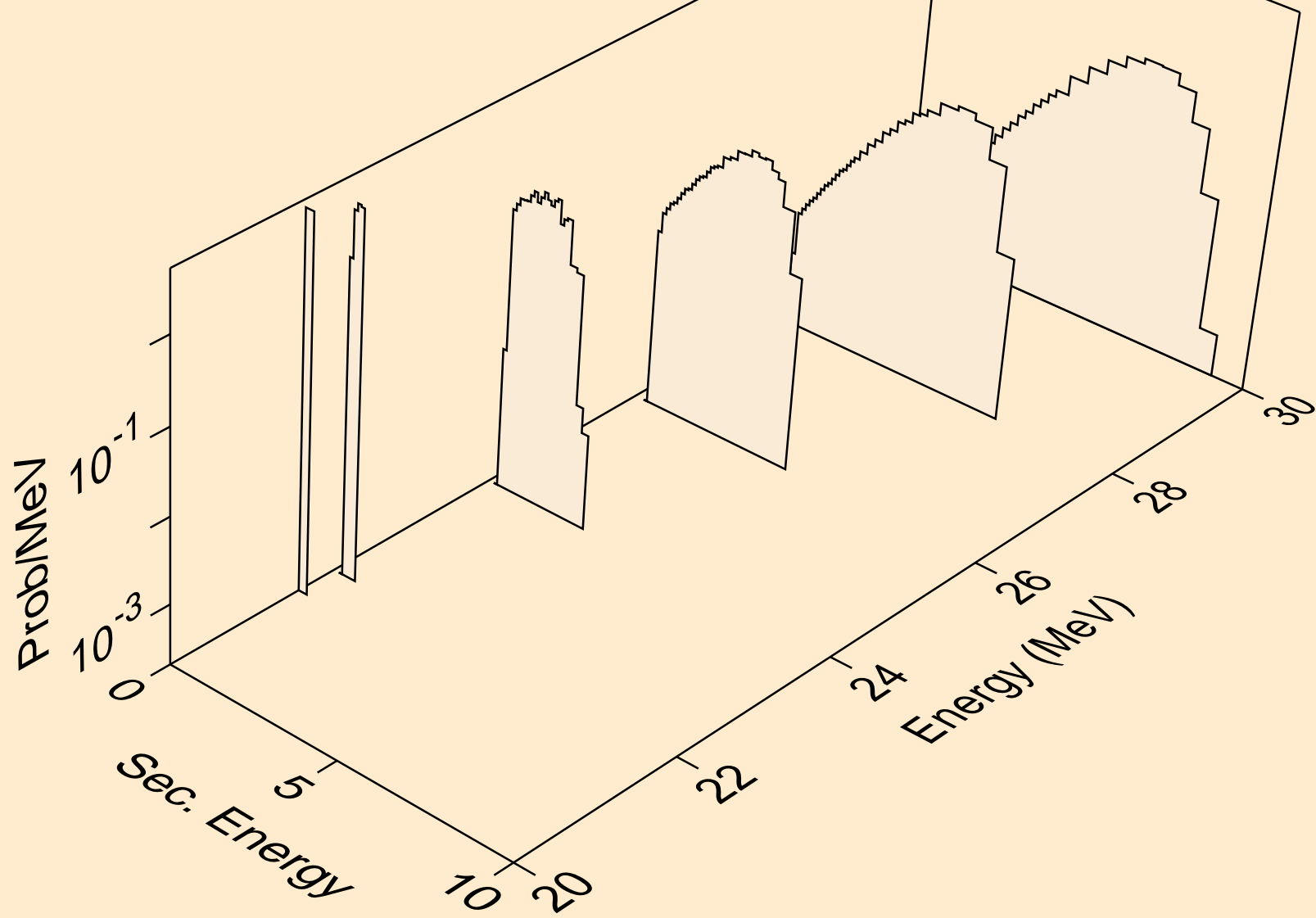
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



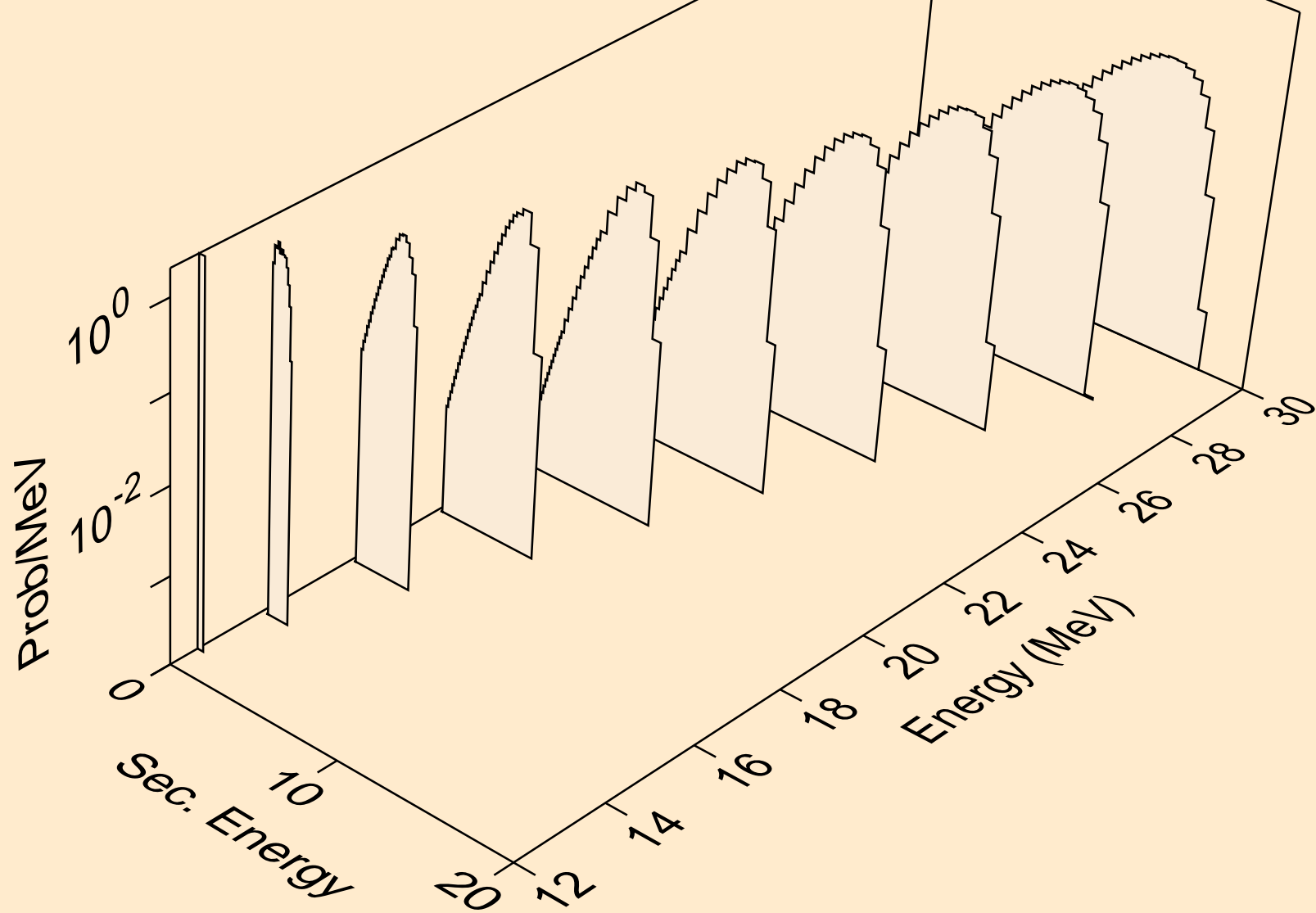
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

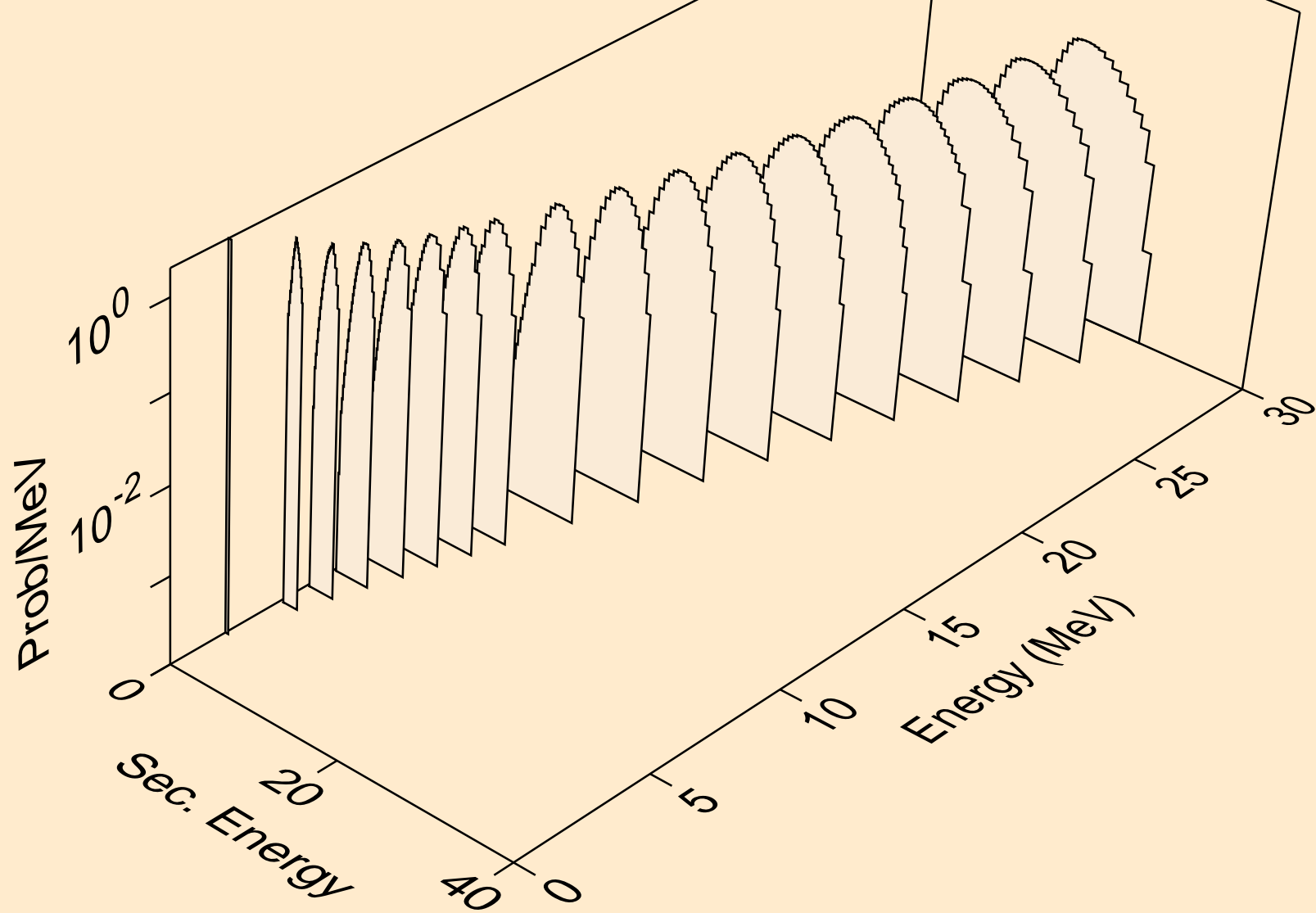


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

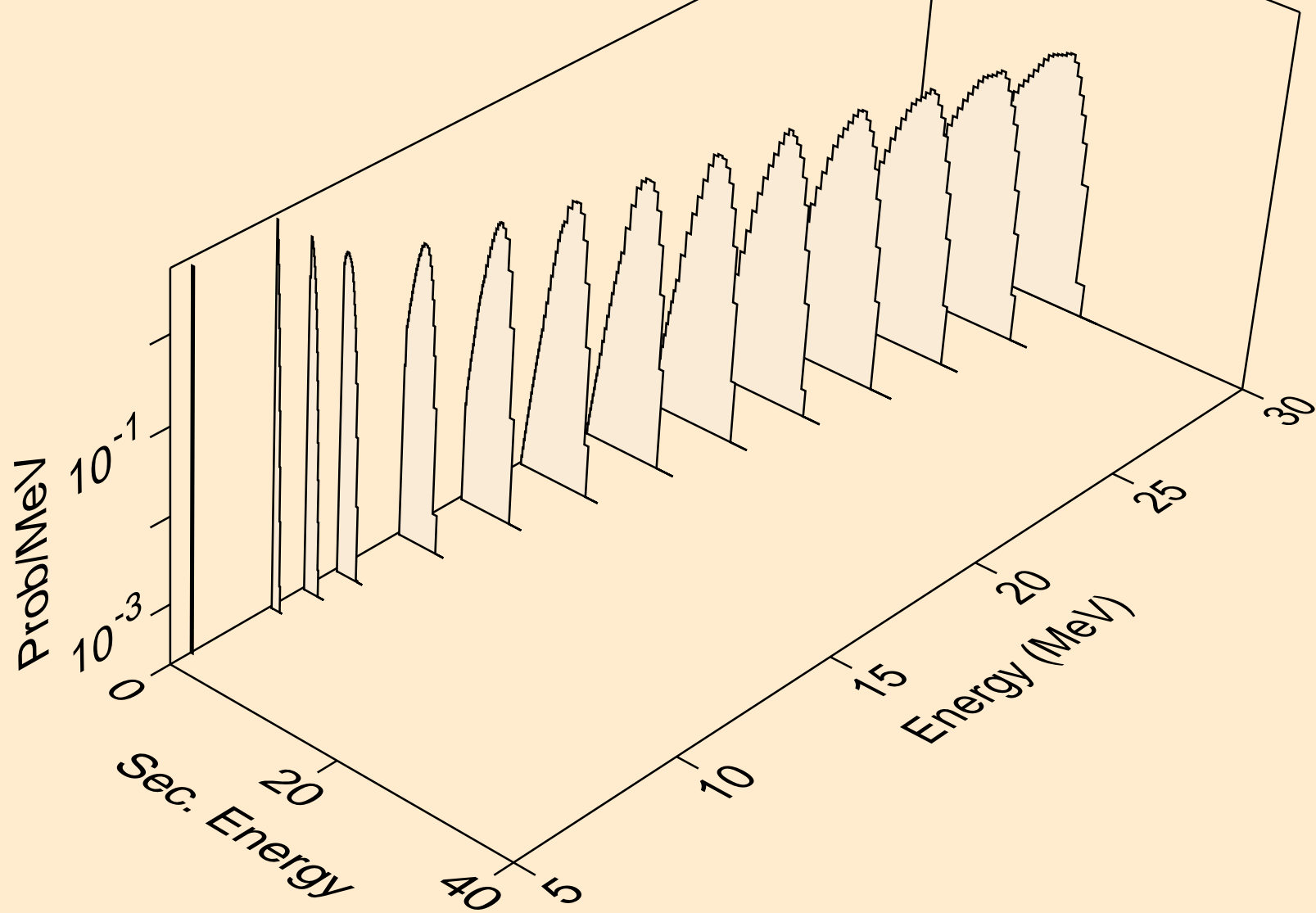




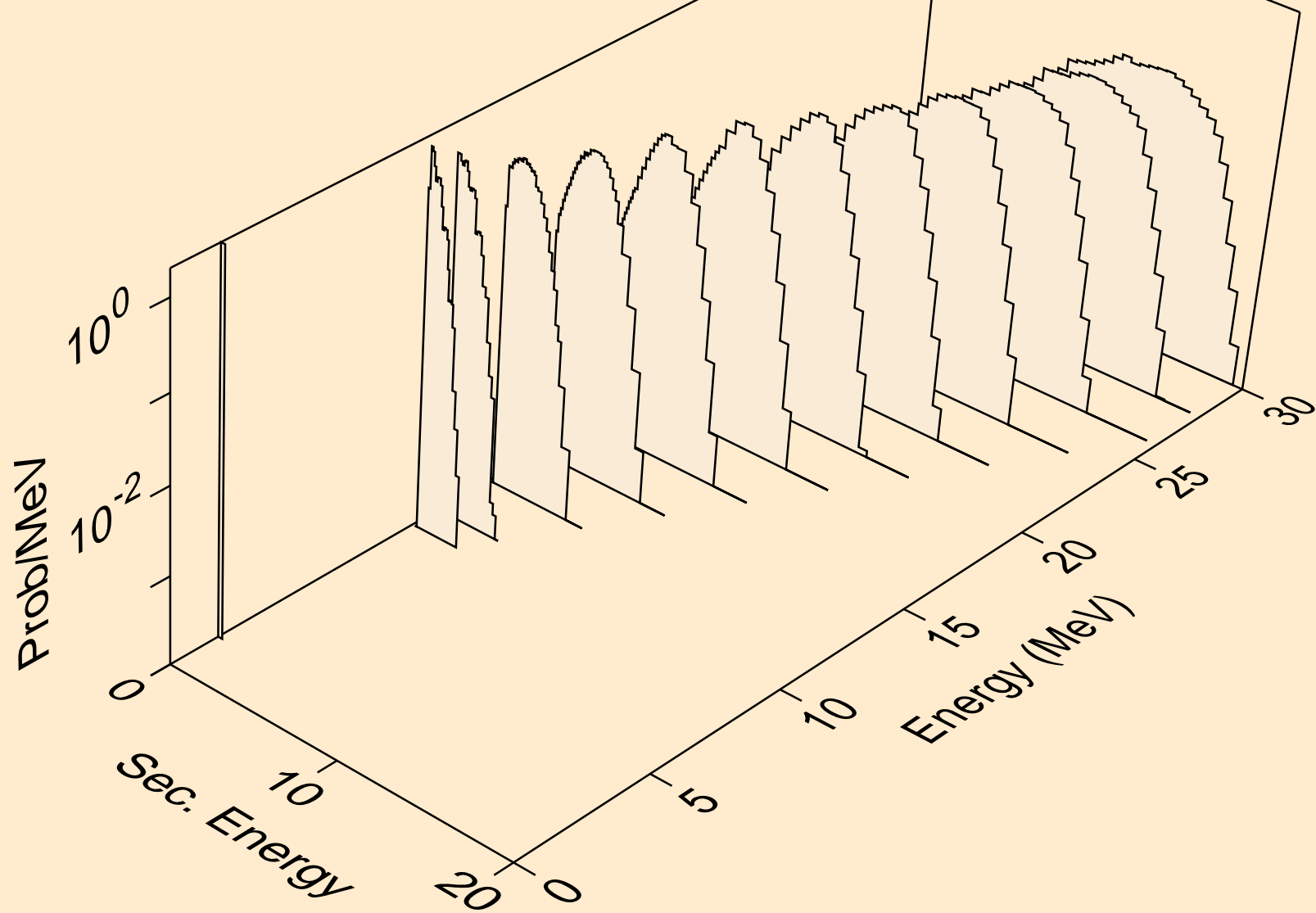
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



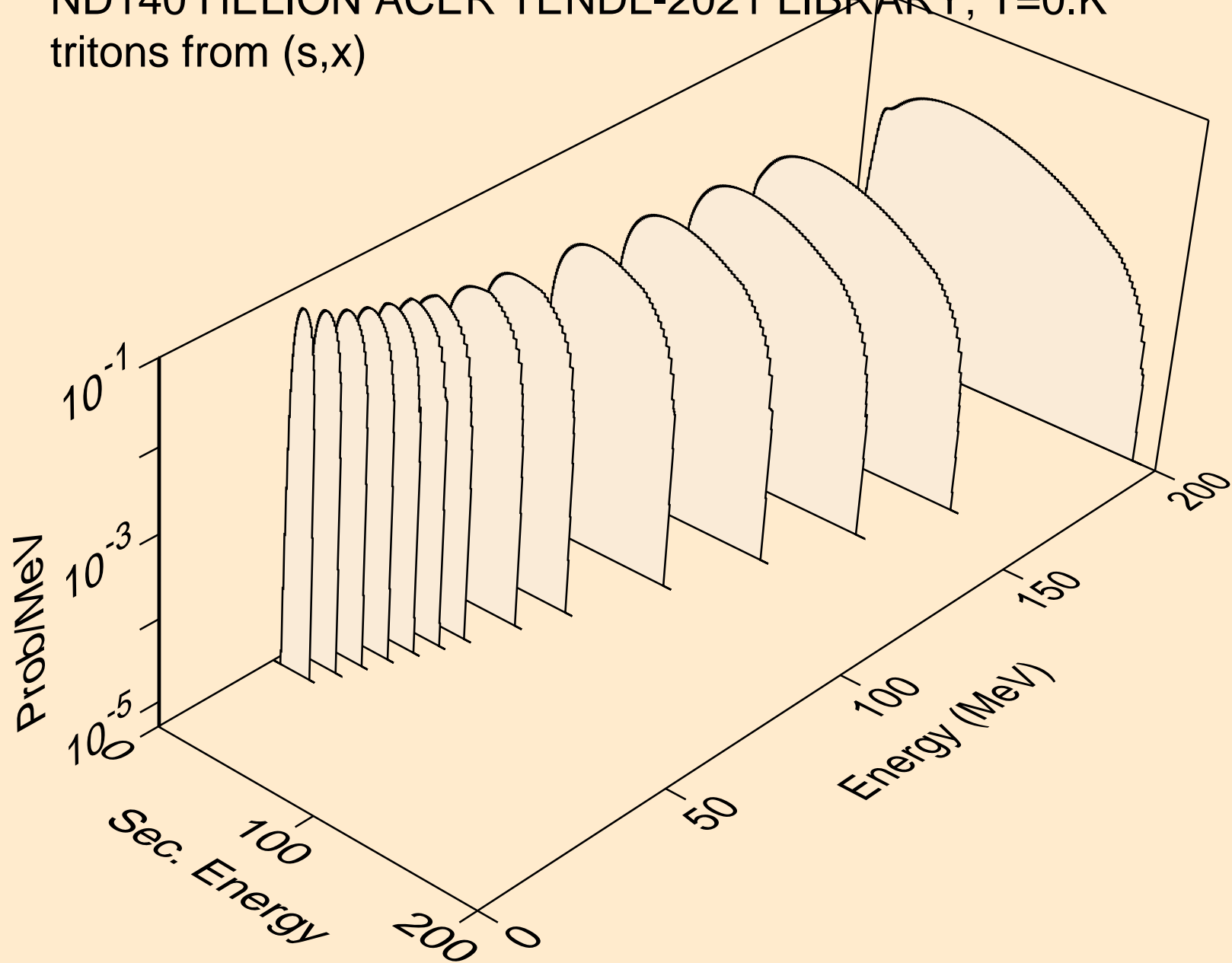
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



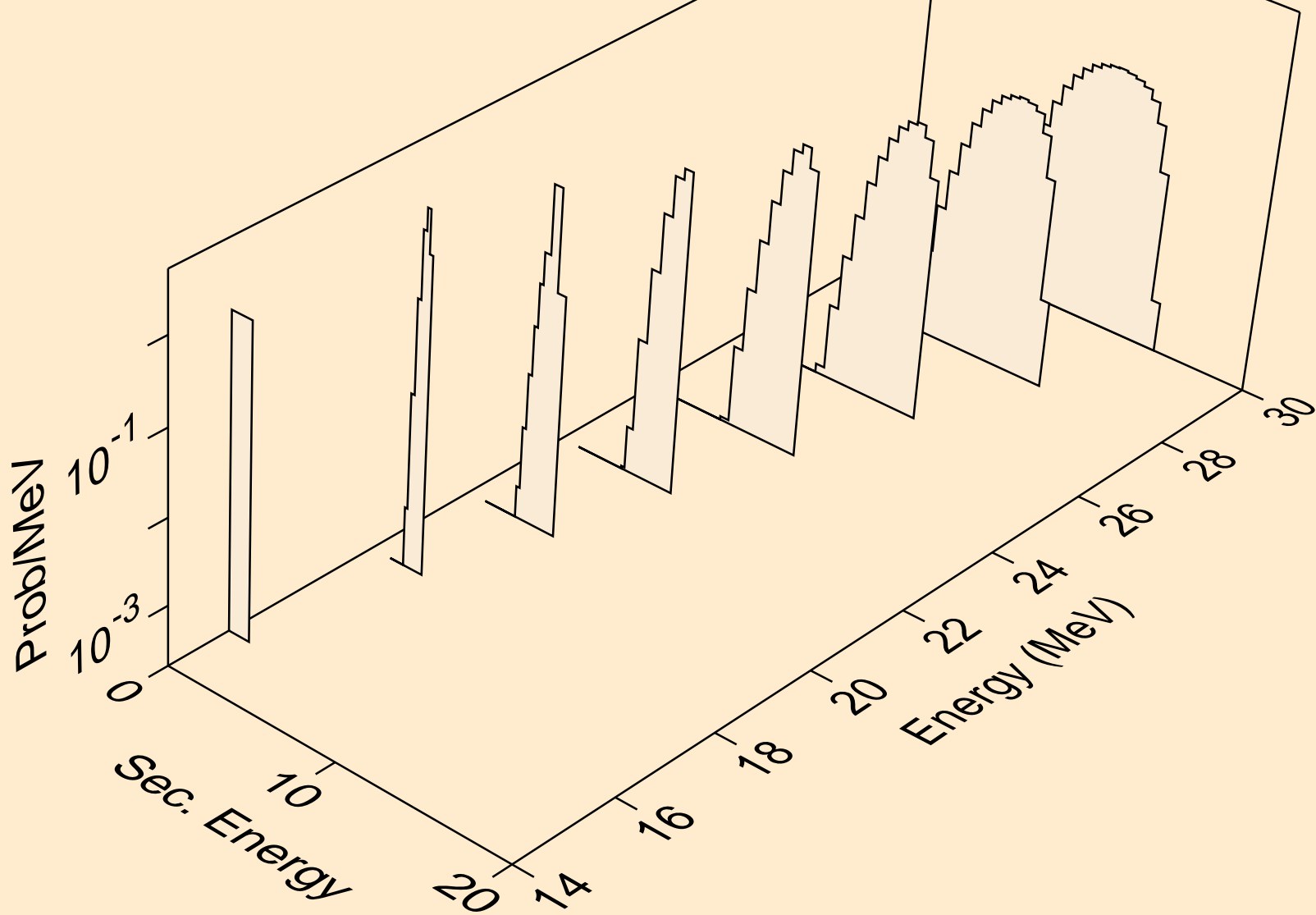
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



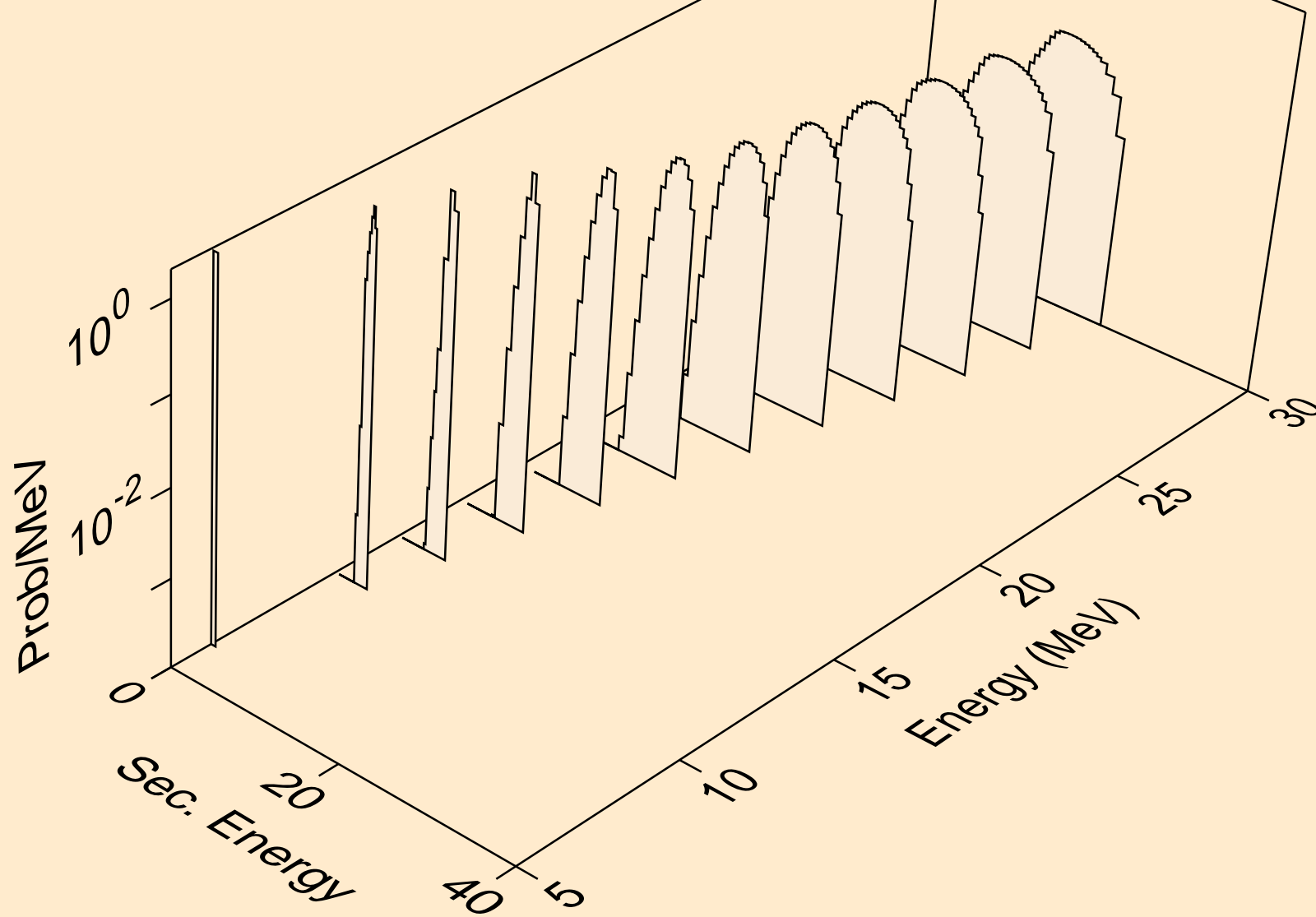
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



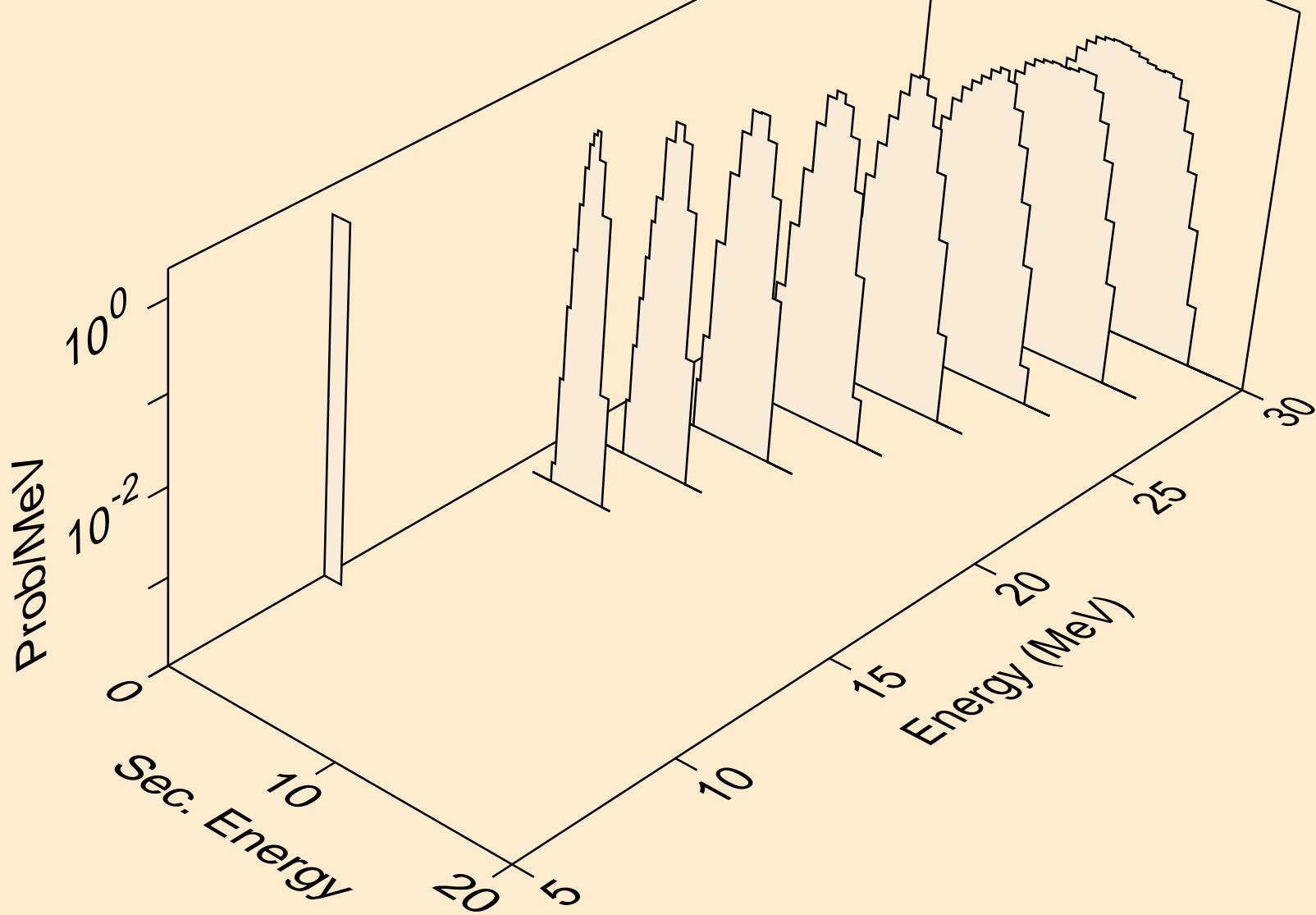
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



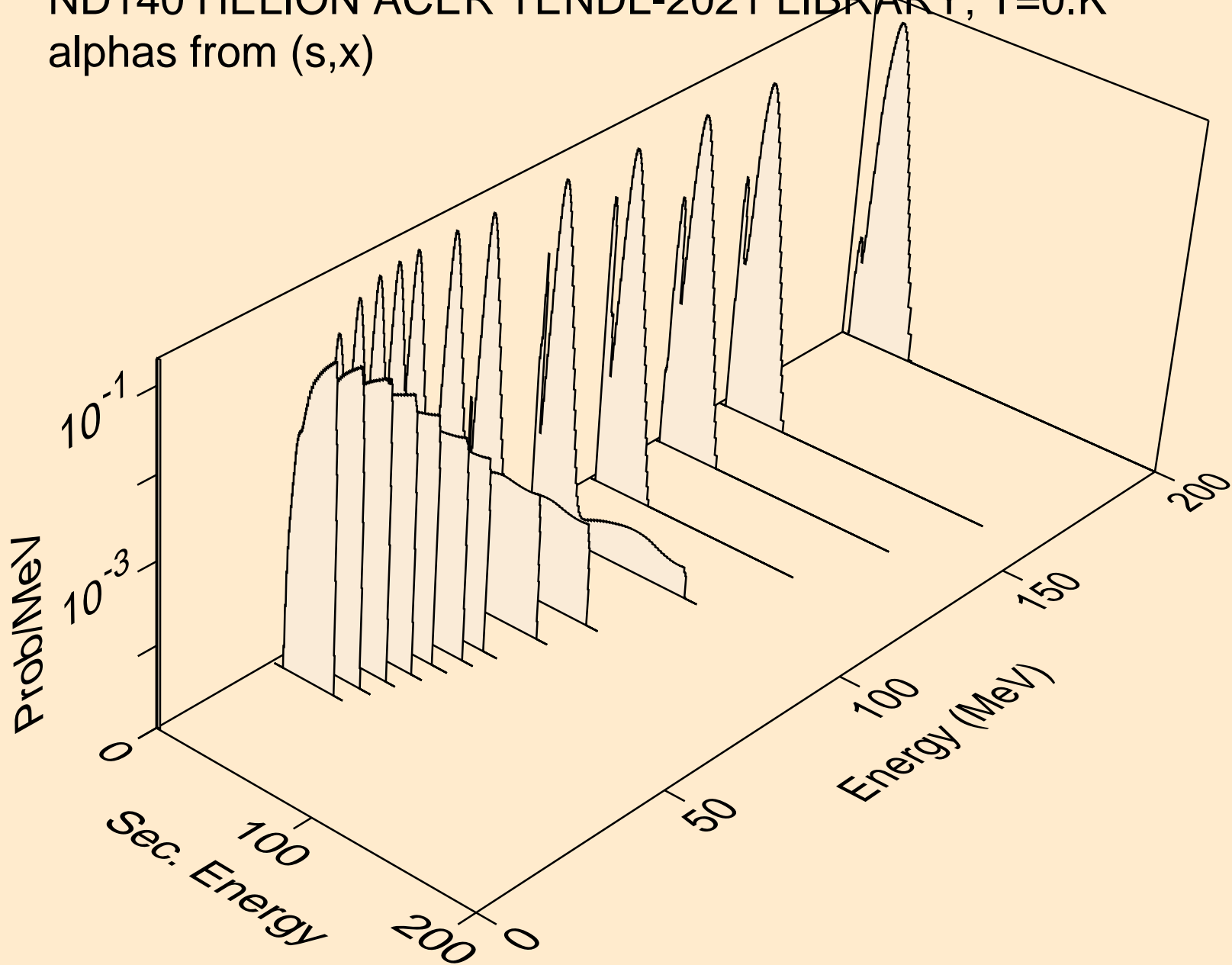
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

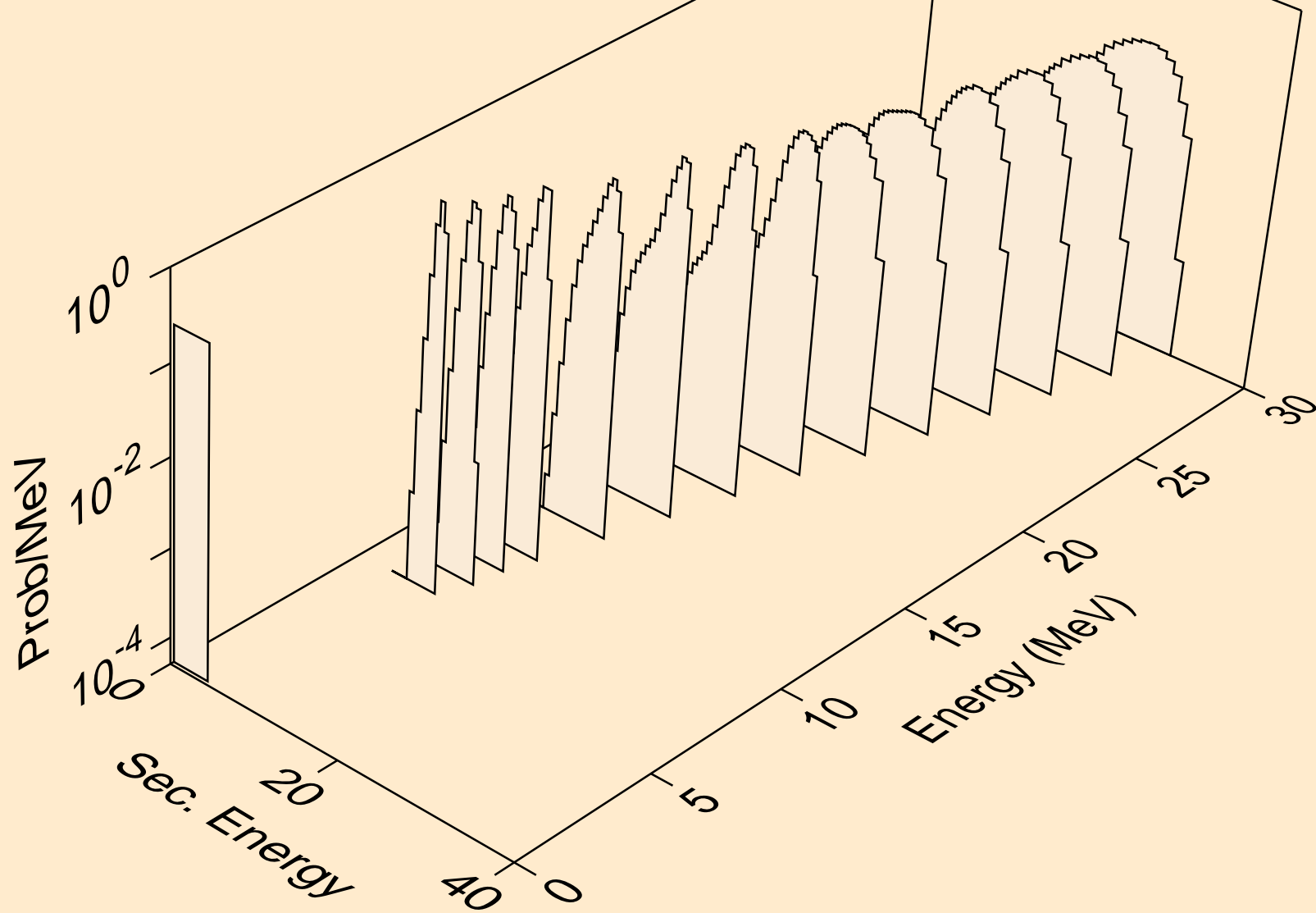


ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

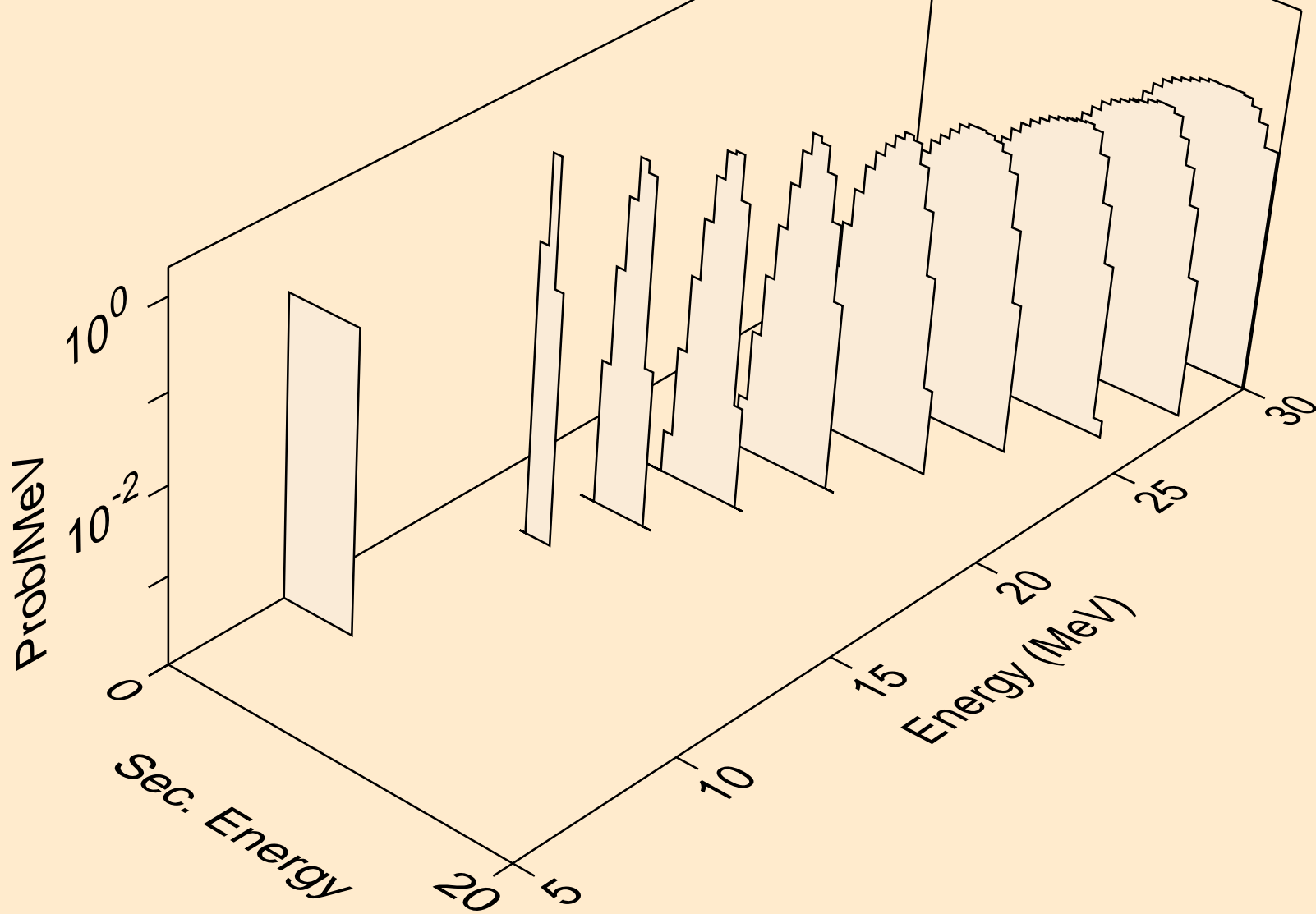




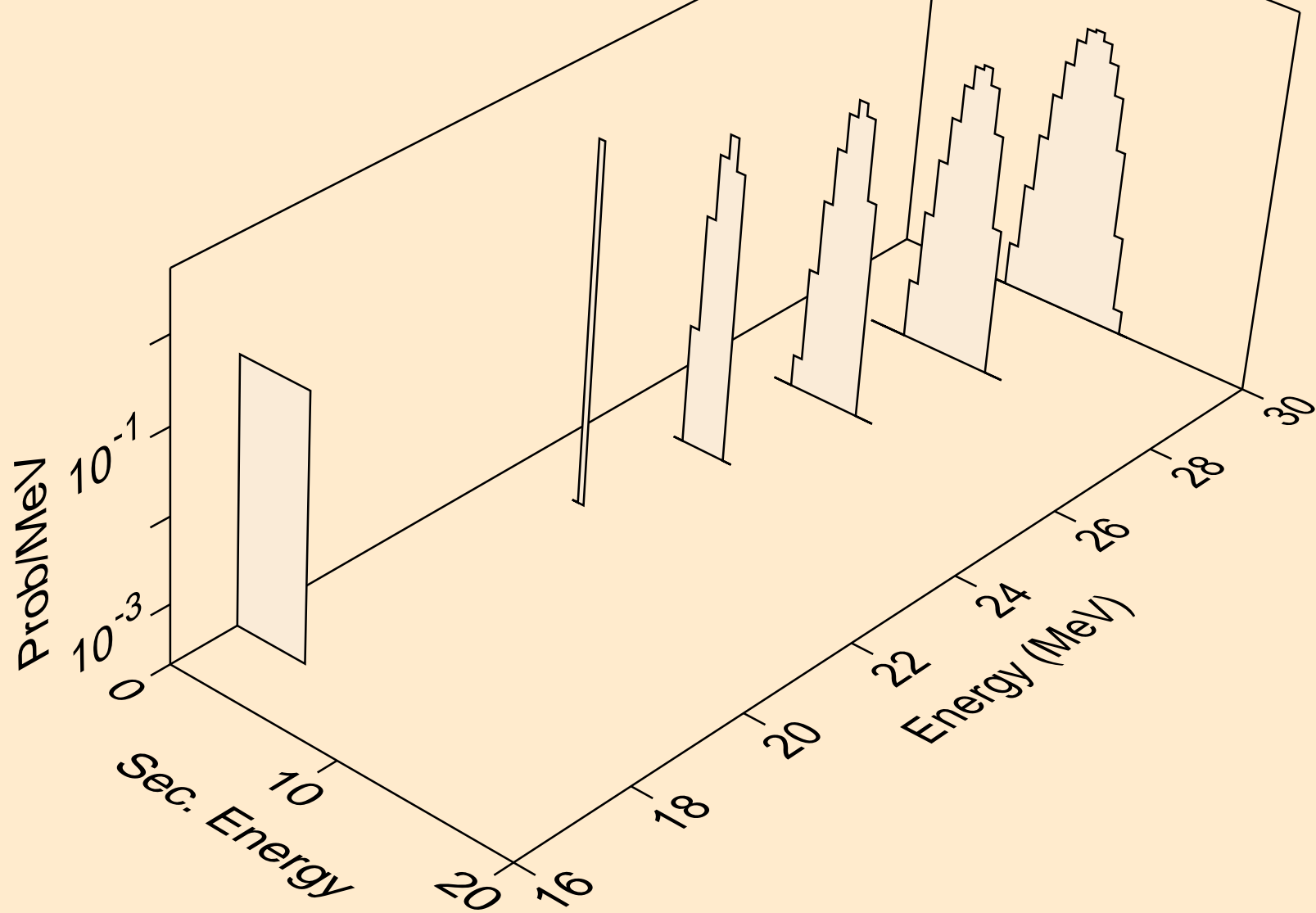
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



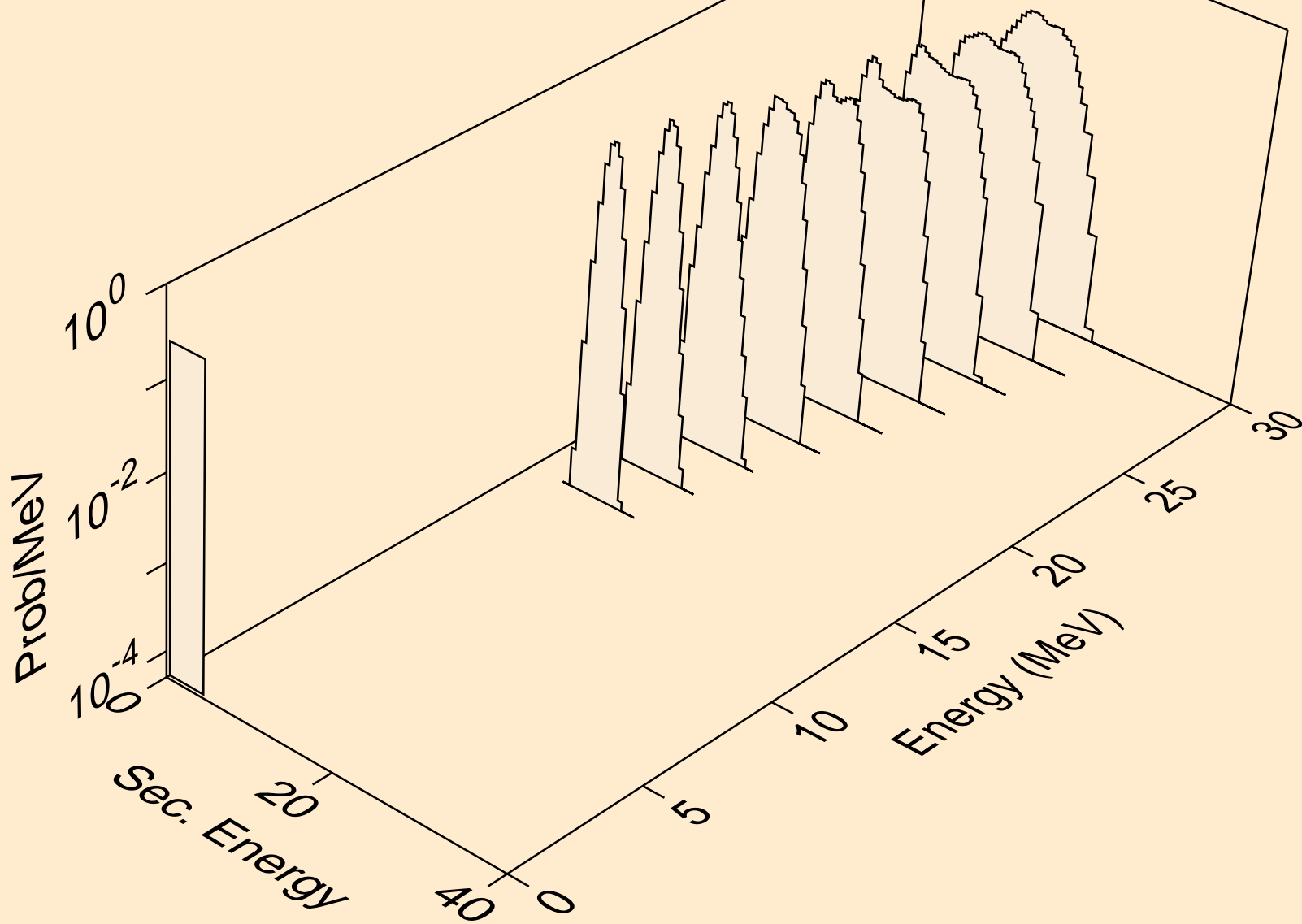
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



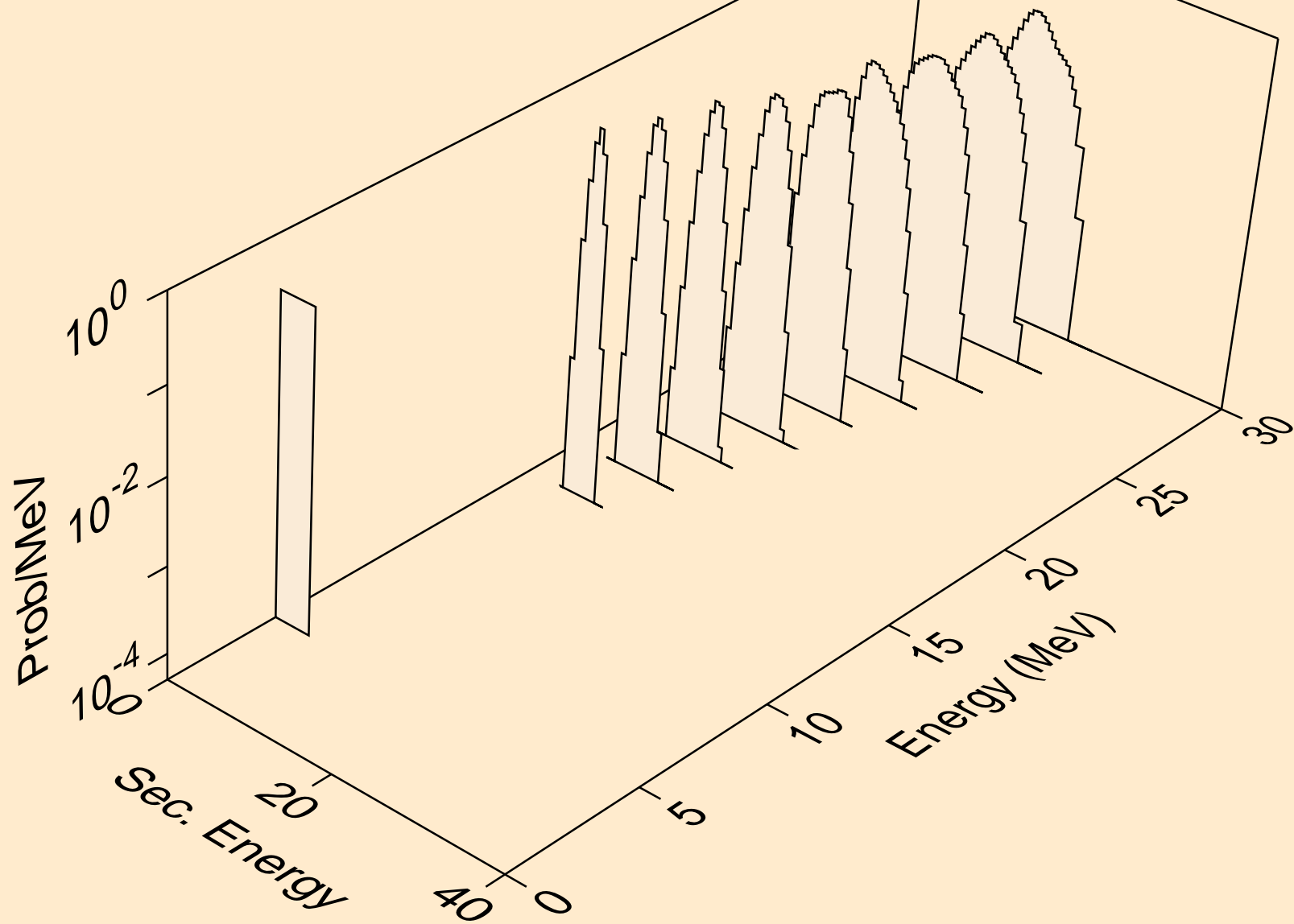
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



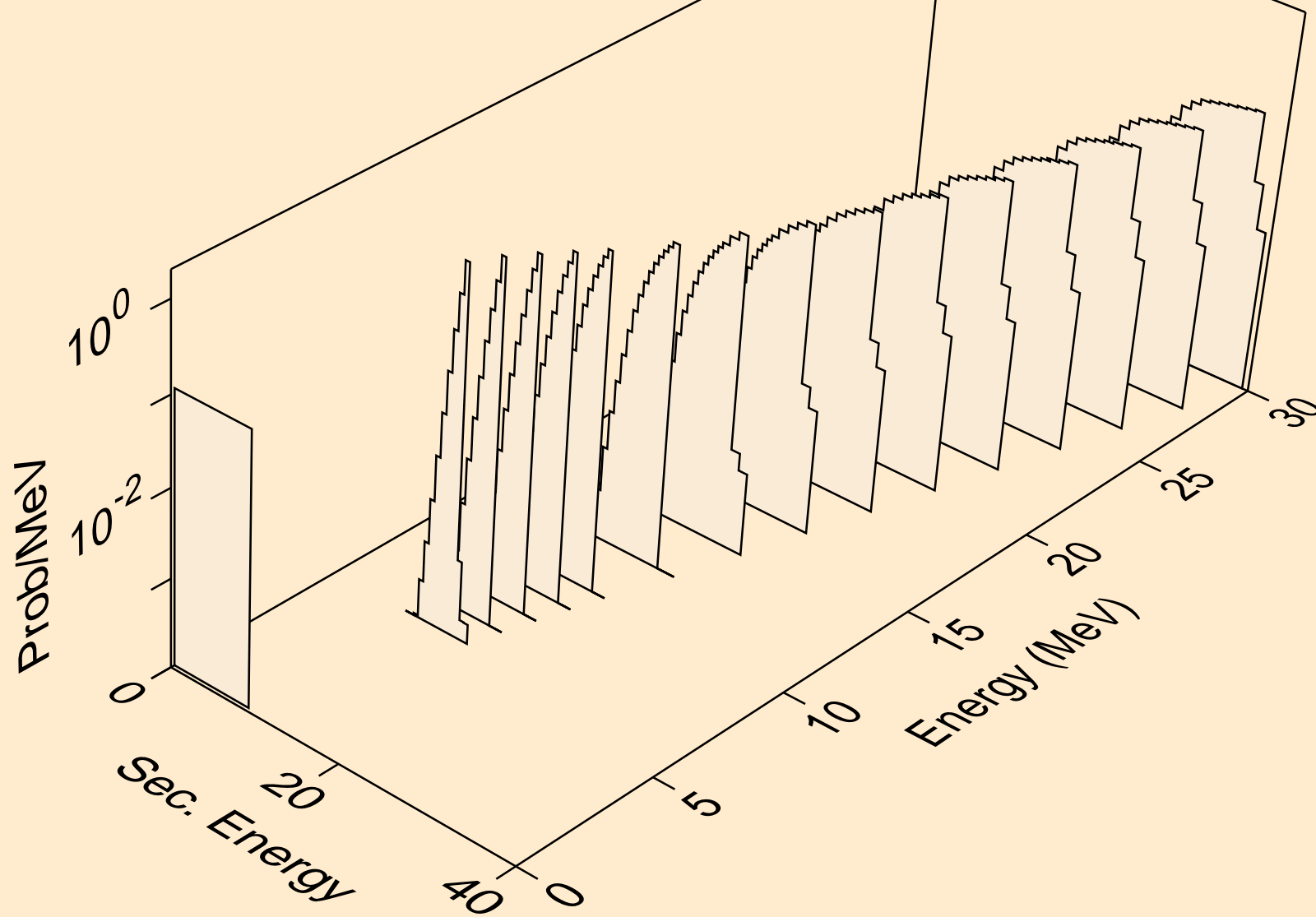
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



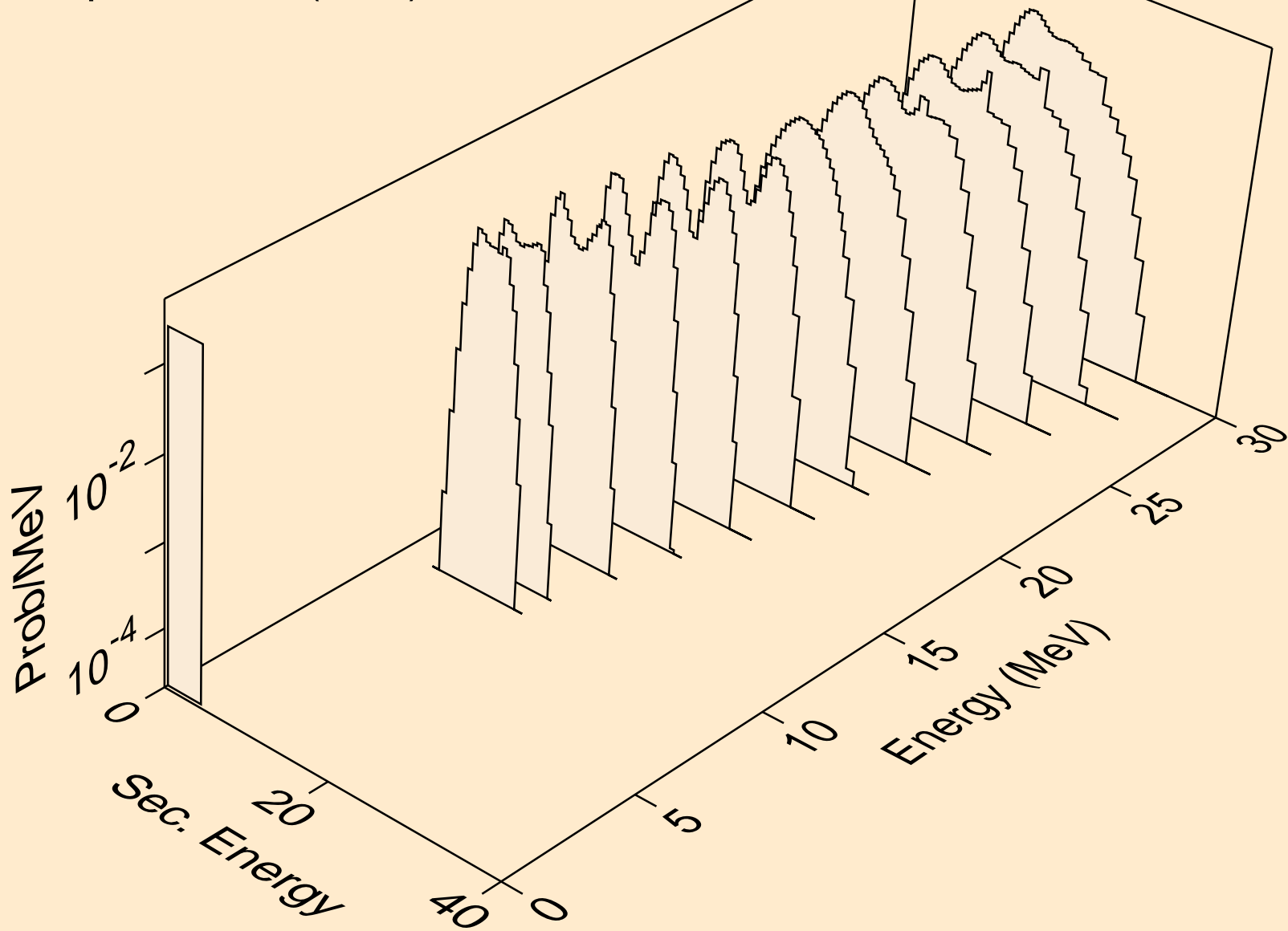
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



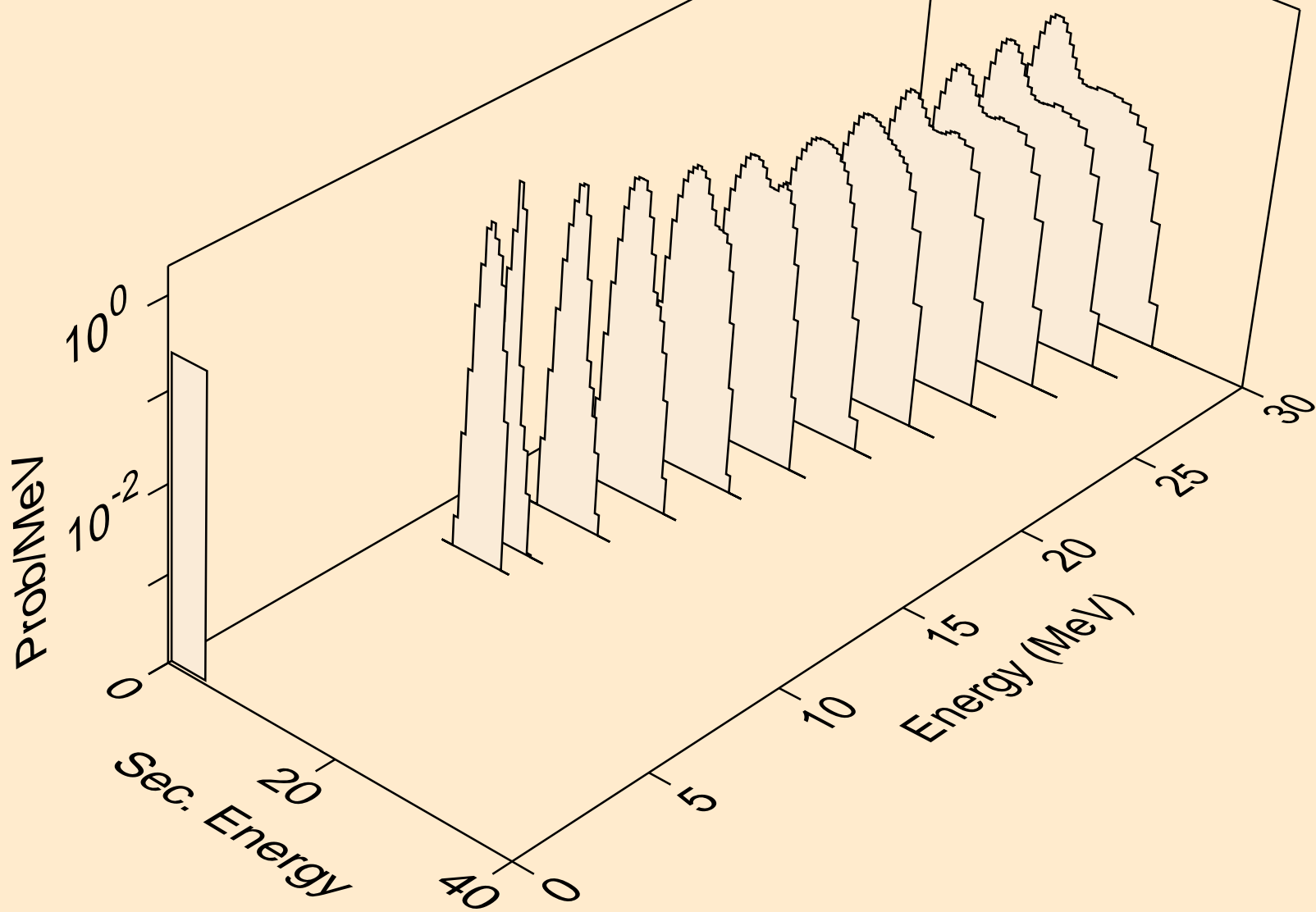
ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





ND140 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

