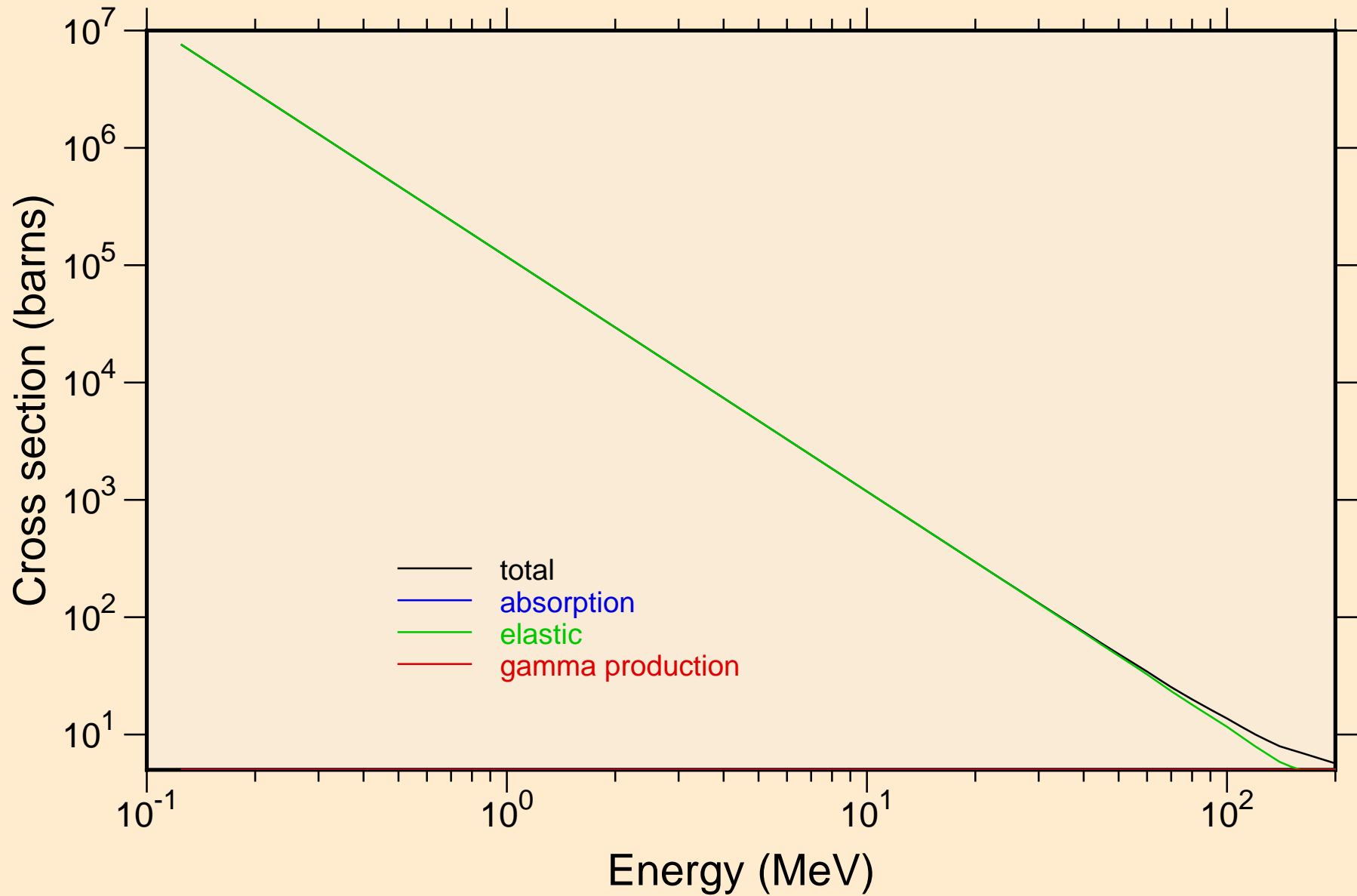
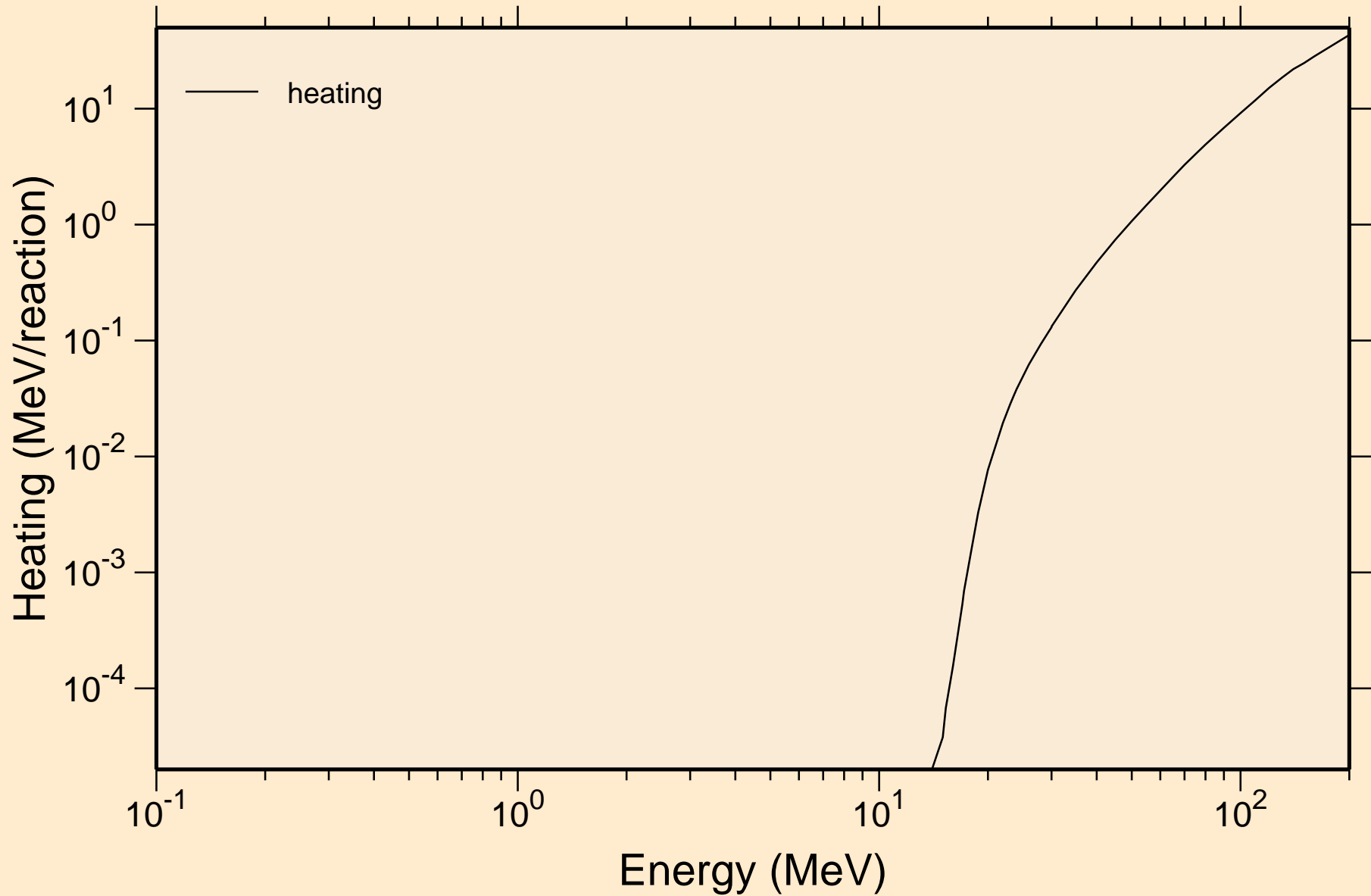


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



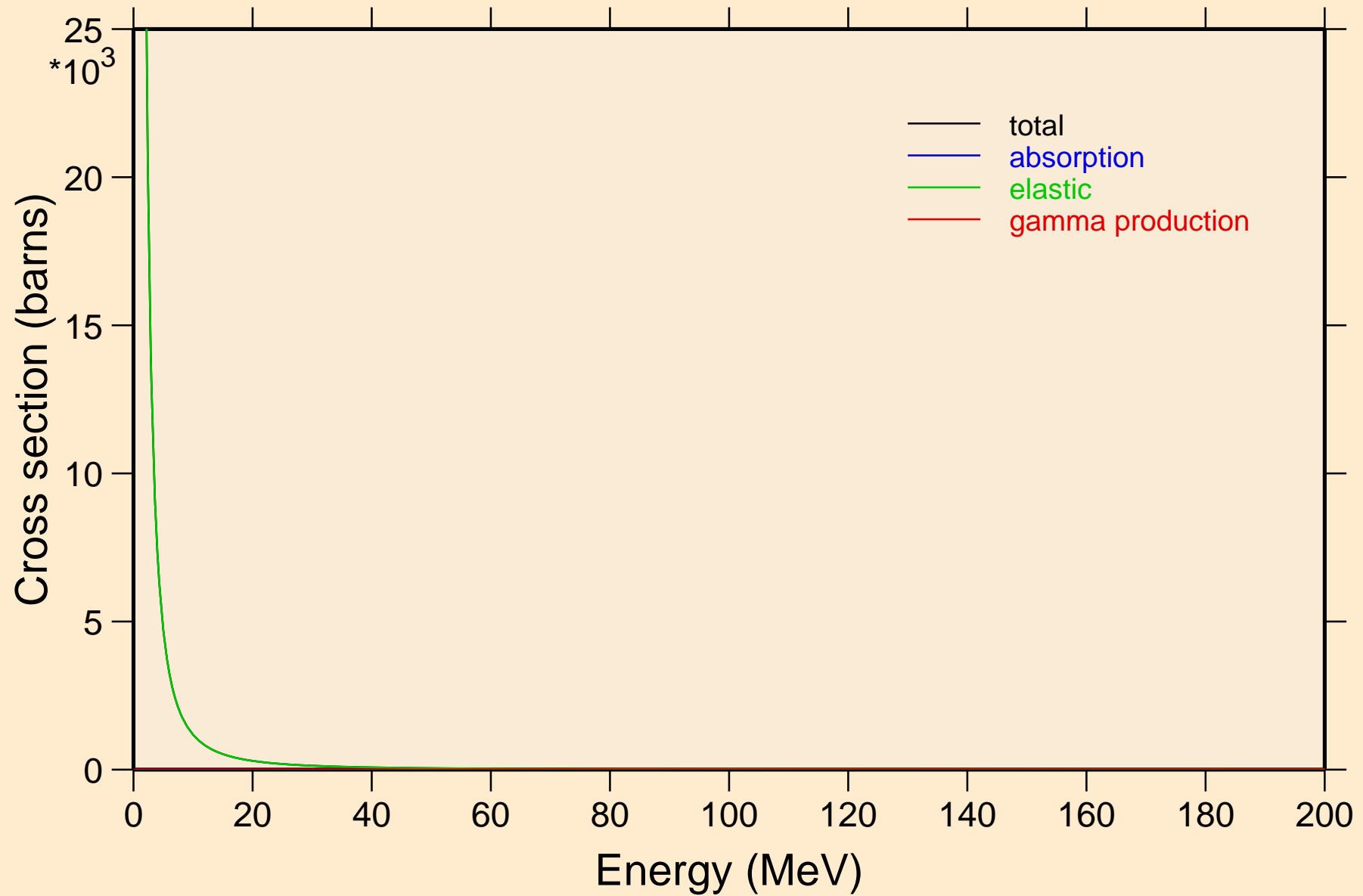
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



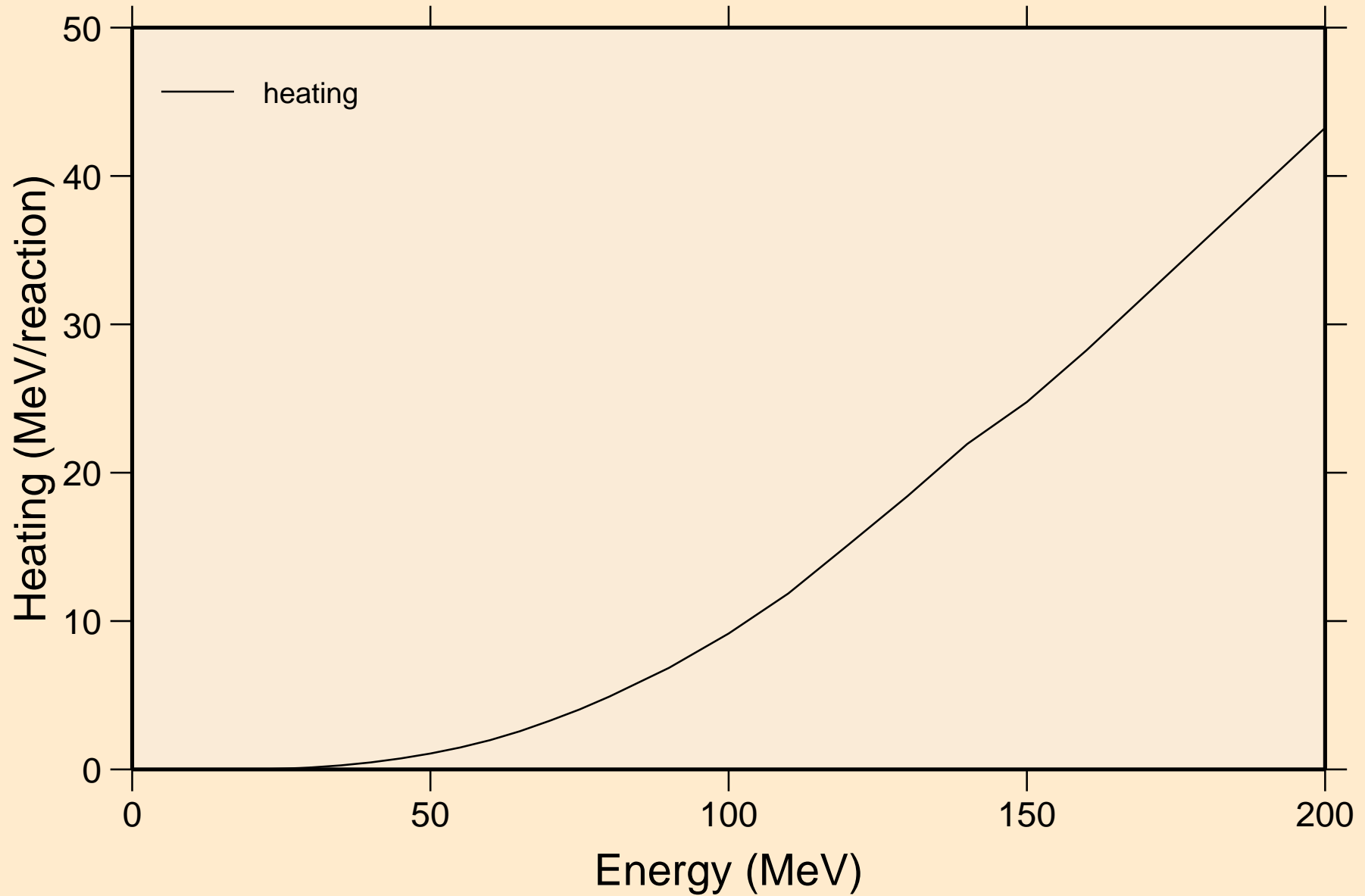
# ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

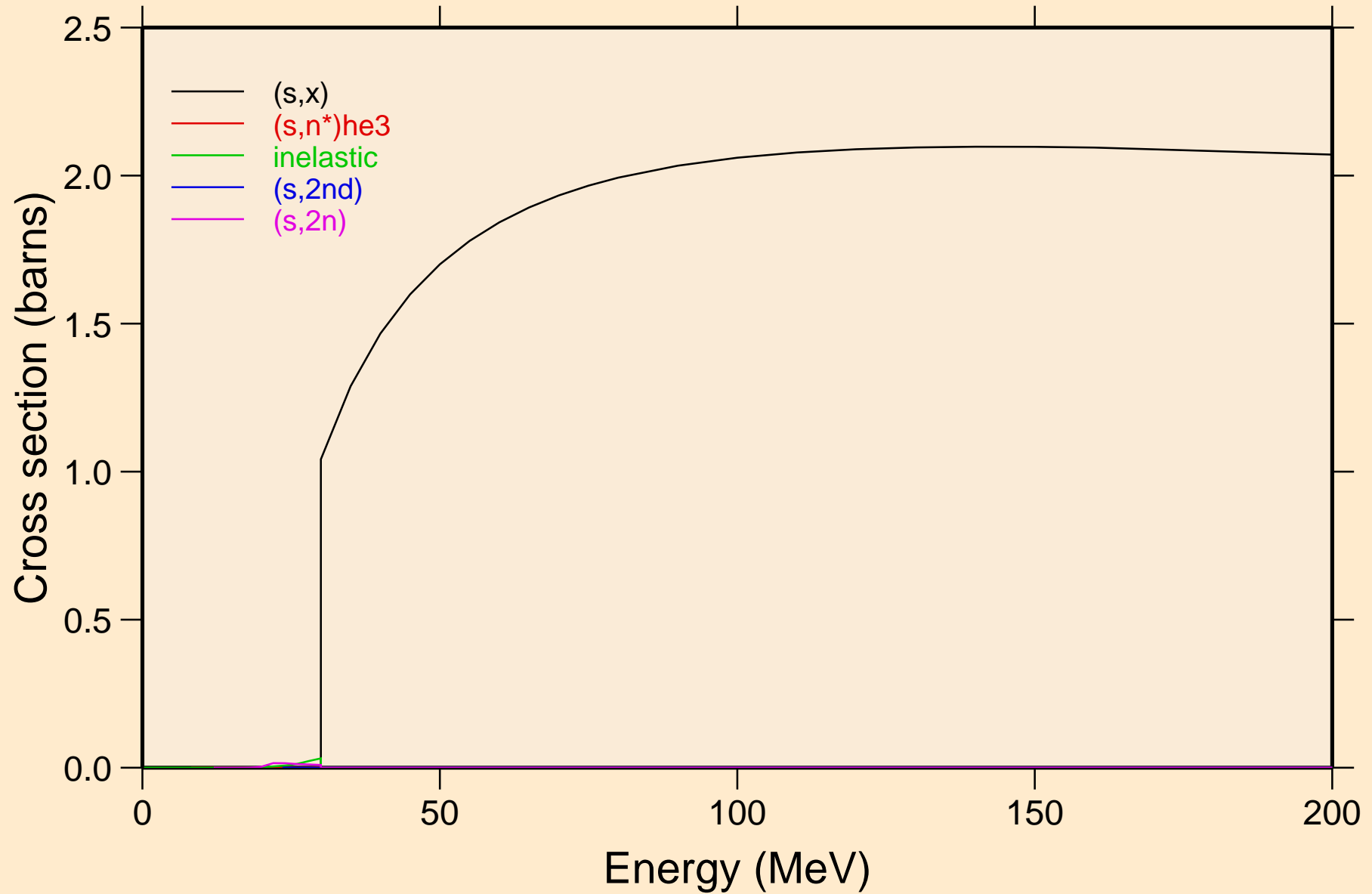


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

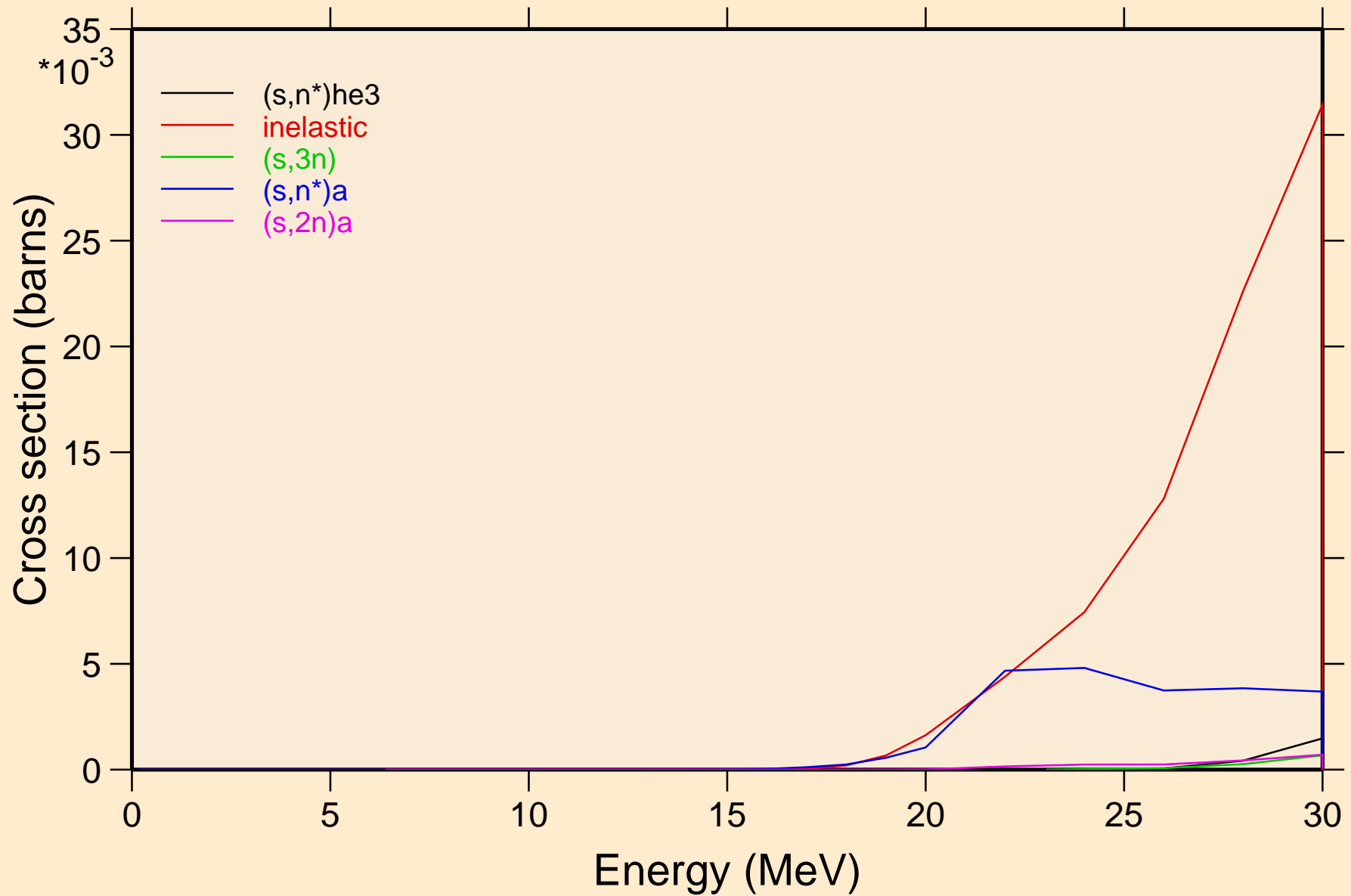
Heating



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

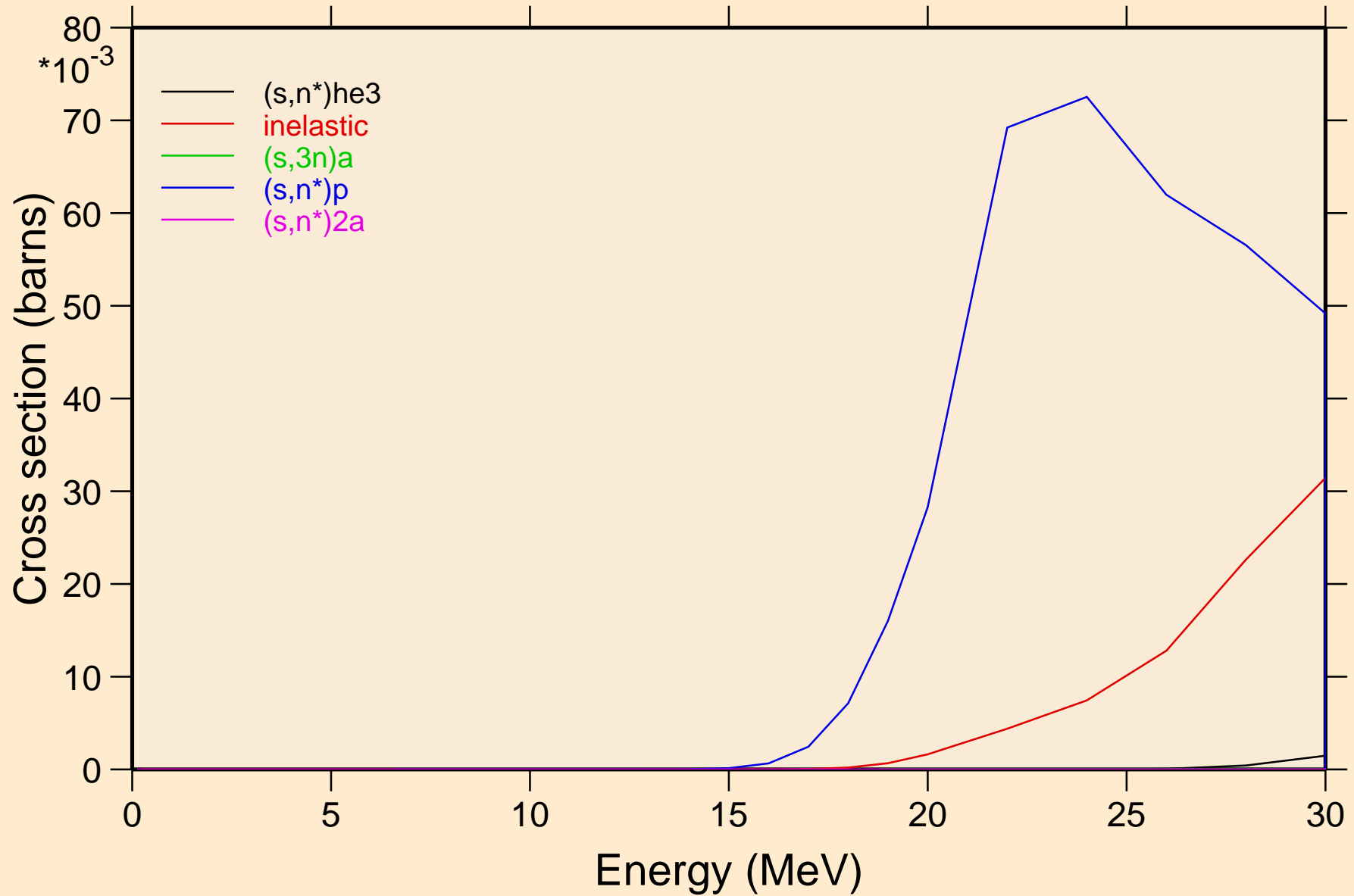


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



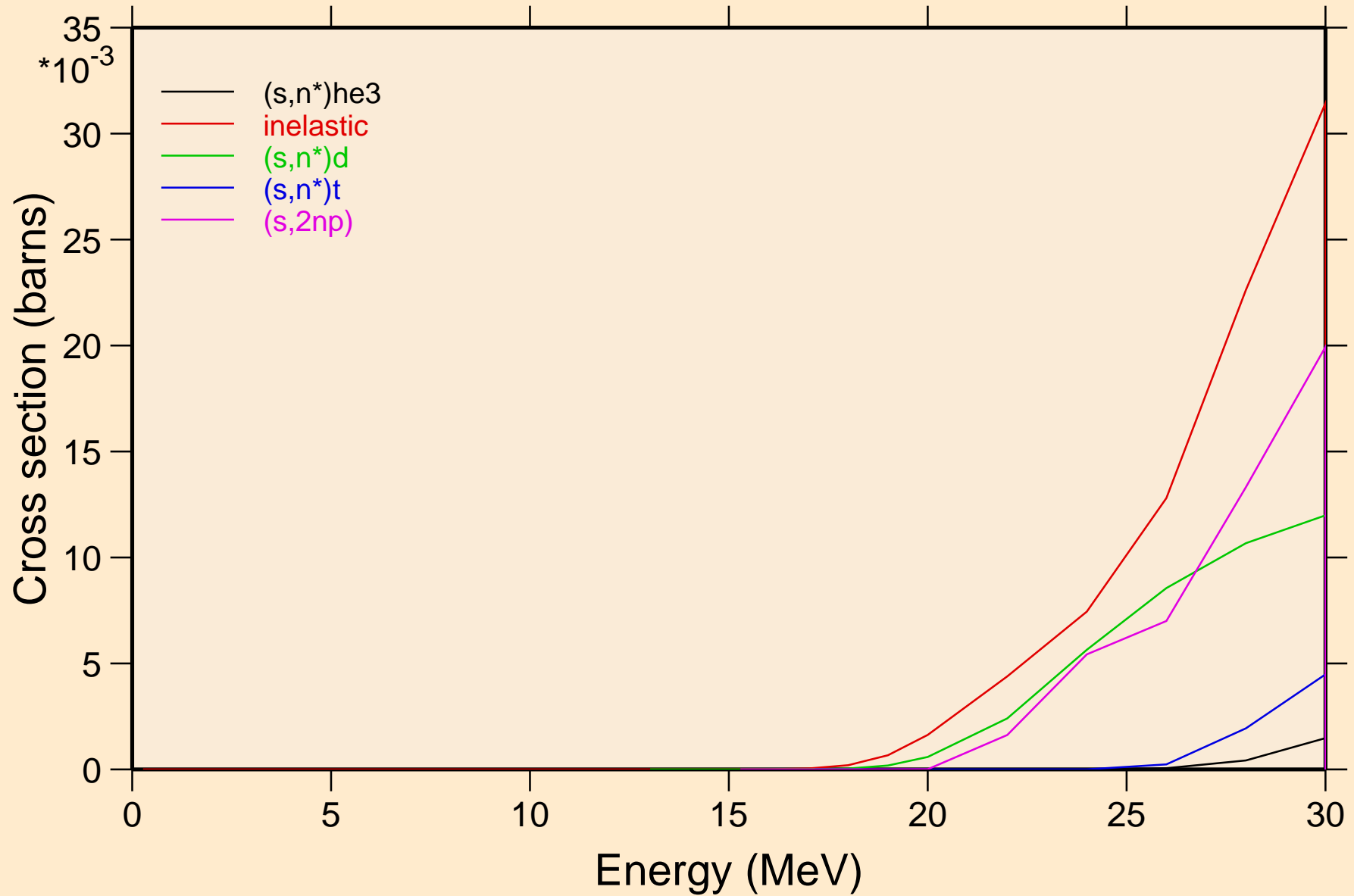
# ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

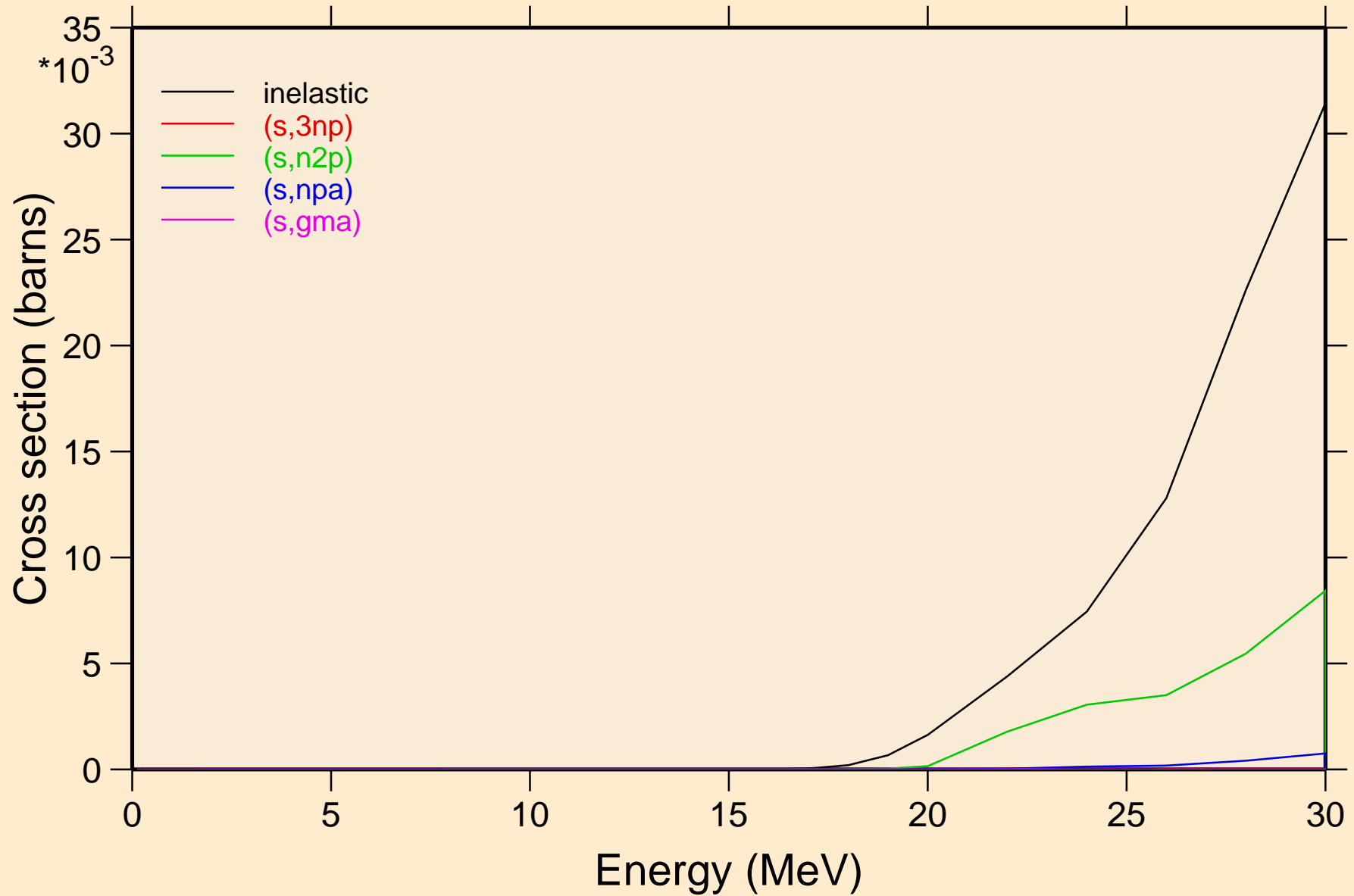
## Threshold reactions





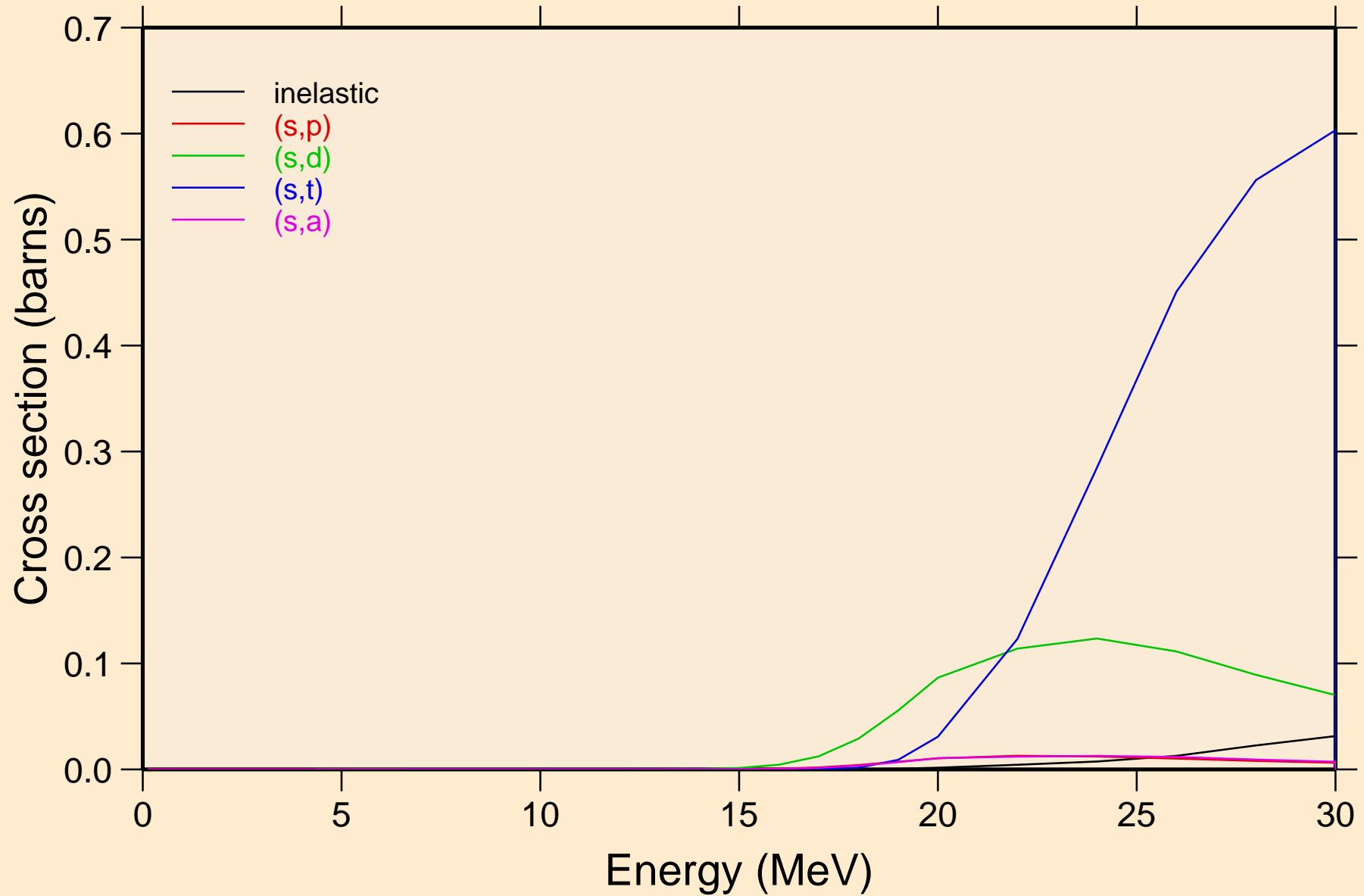
# ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

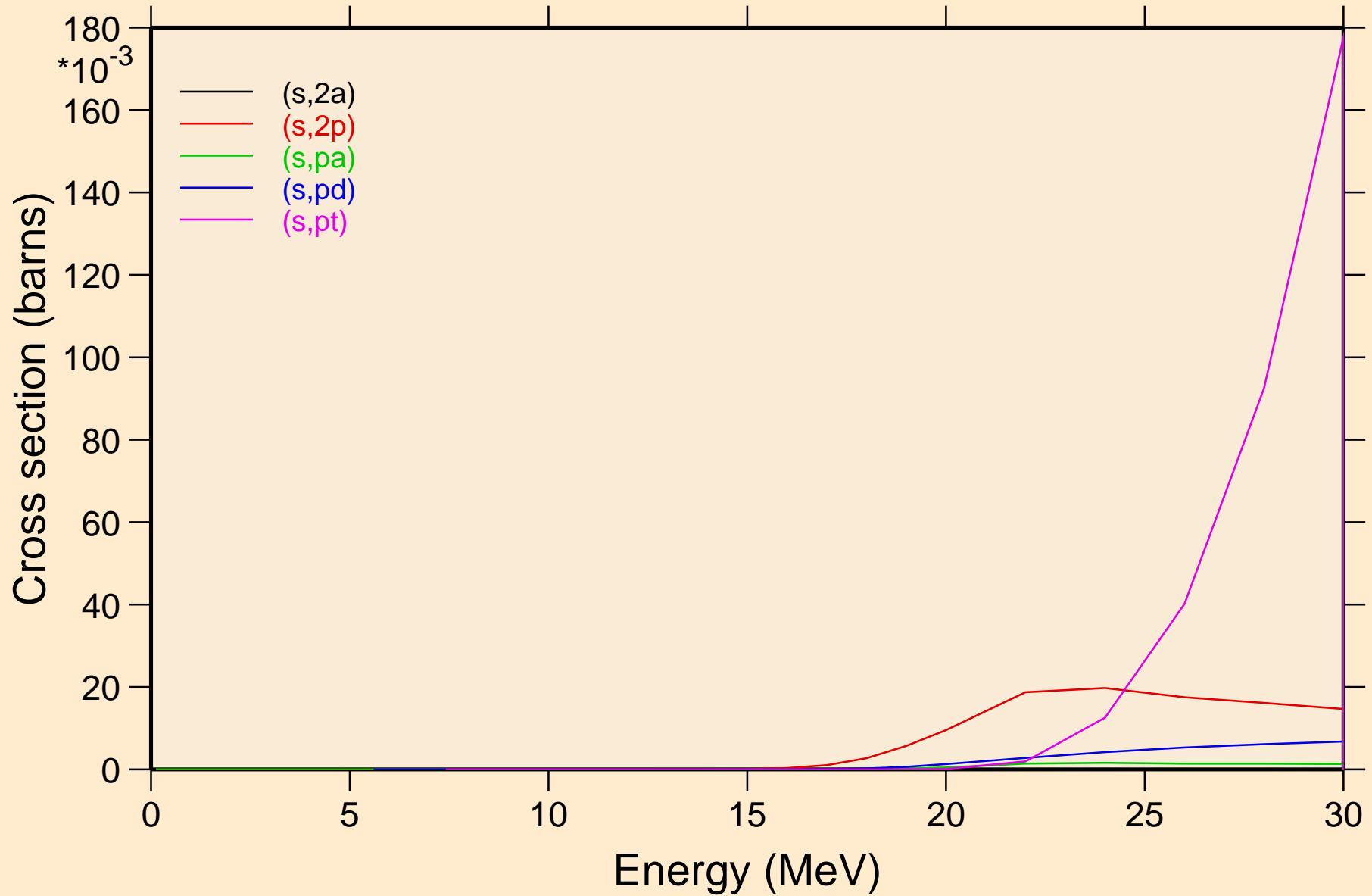


# ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

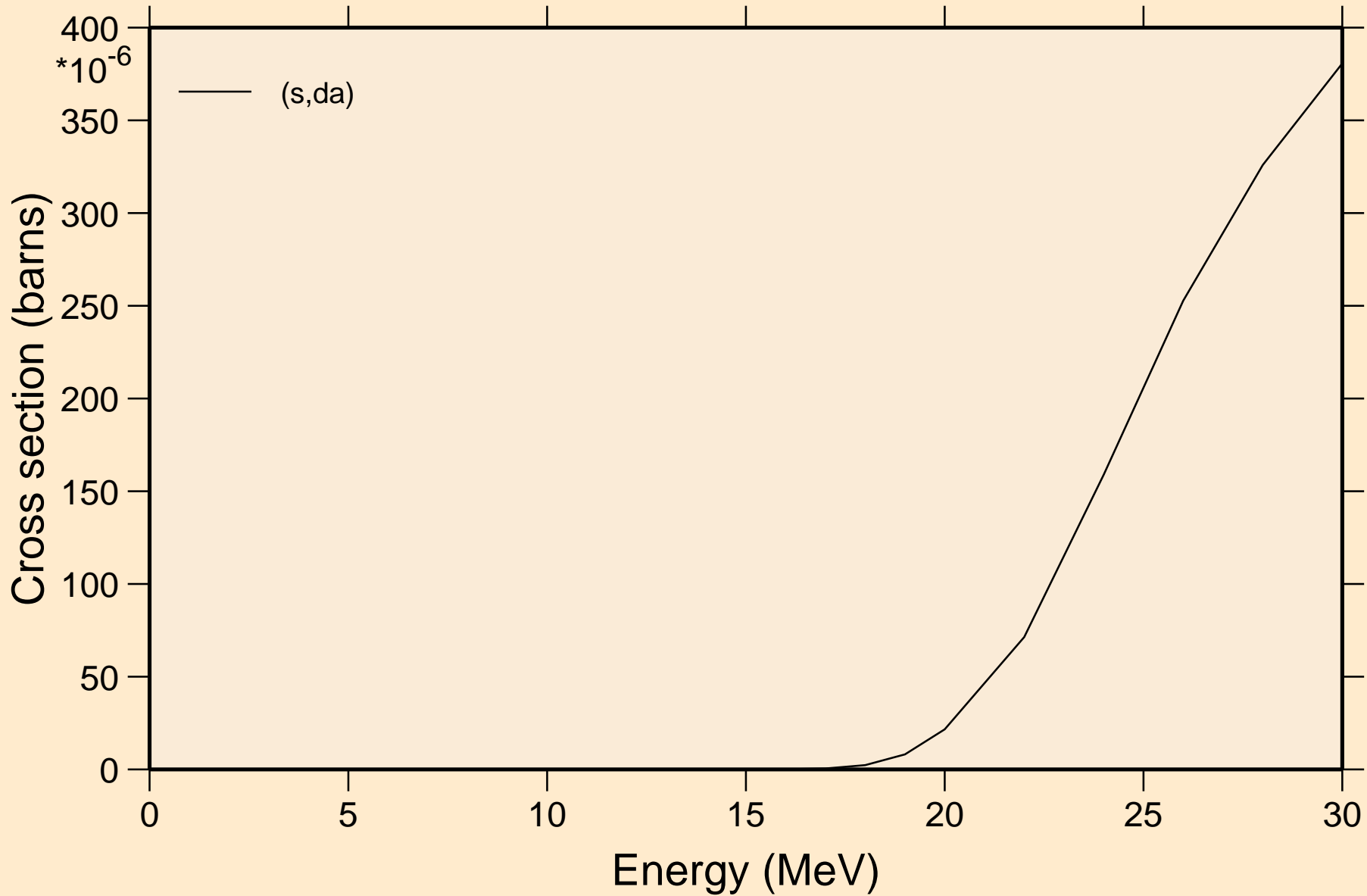
## Threshold reactions



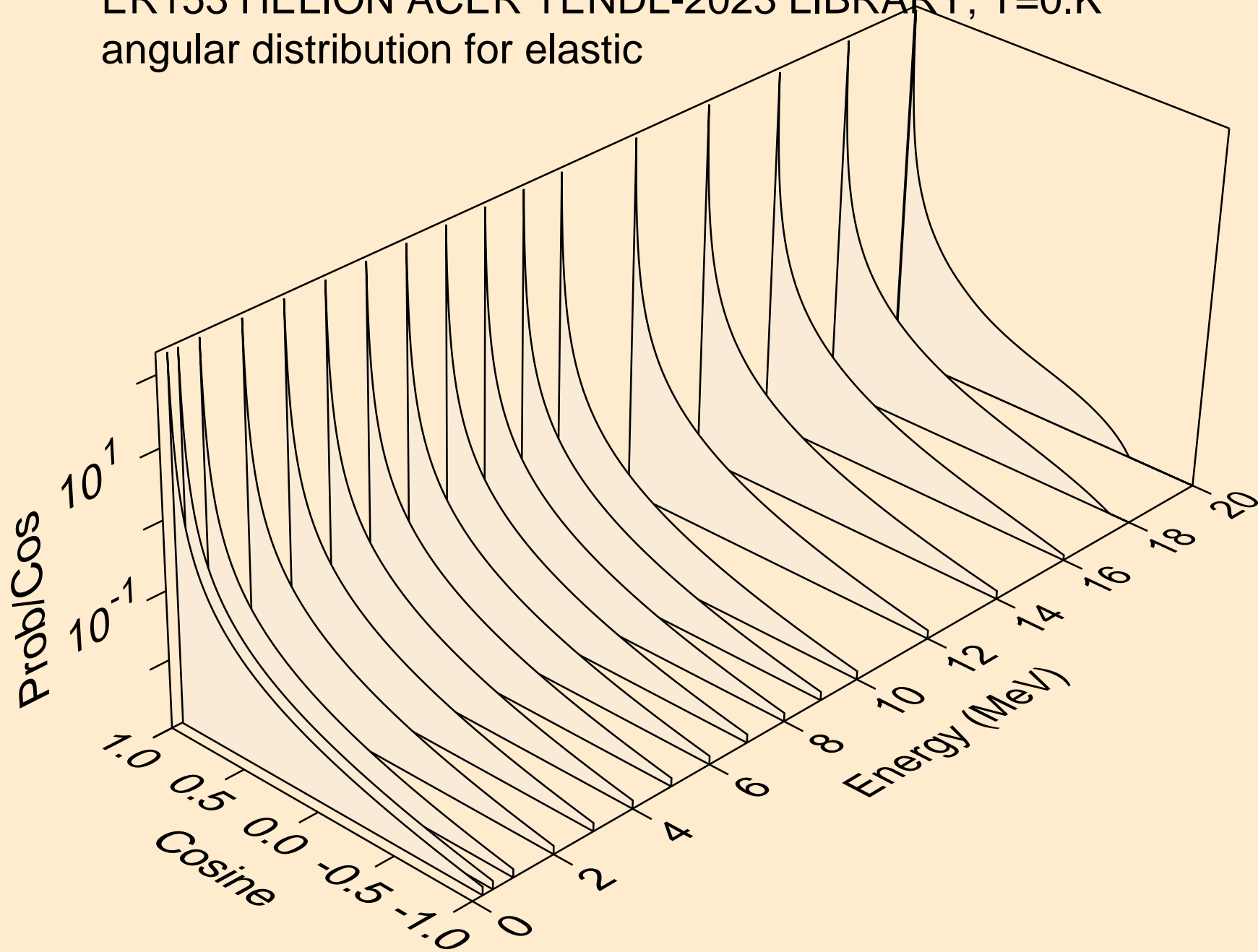
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



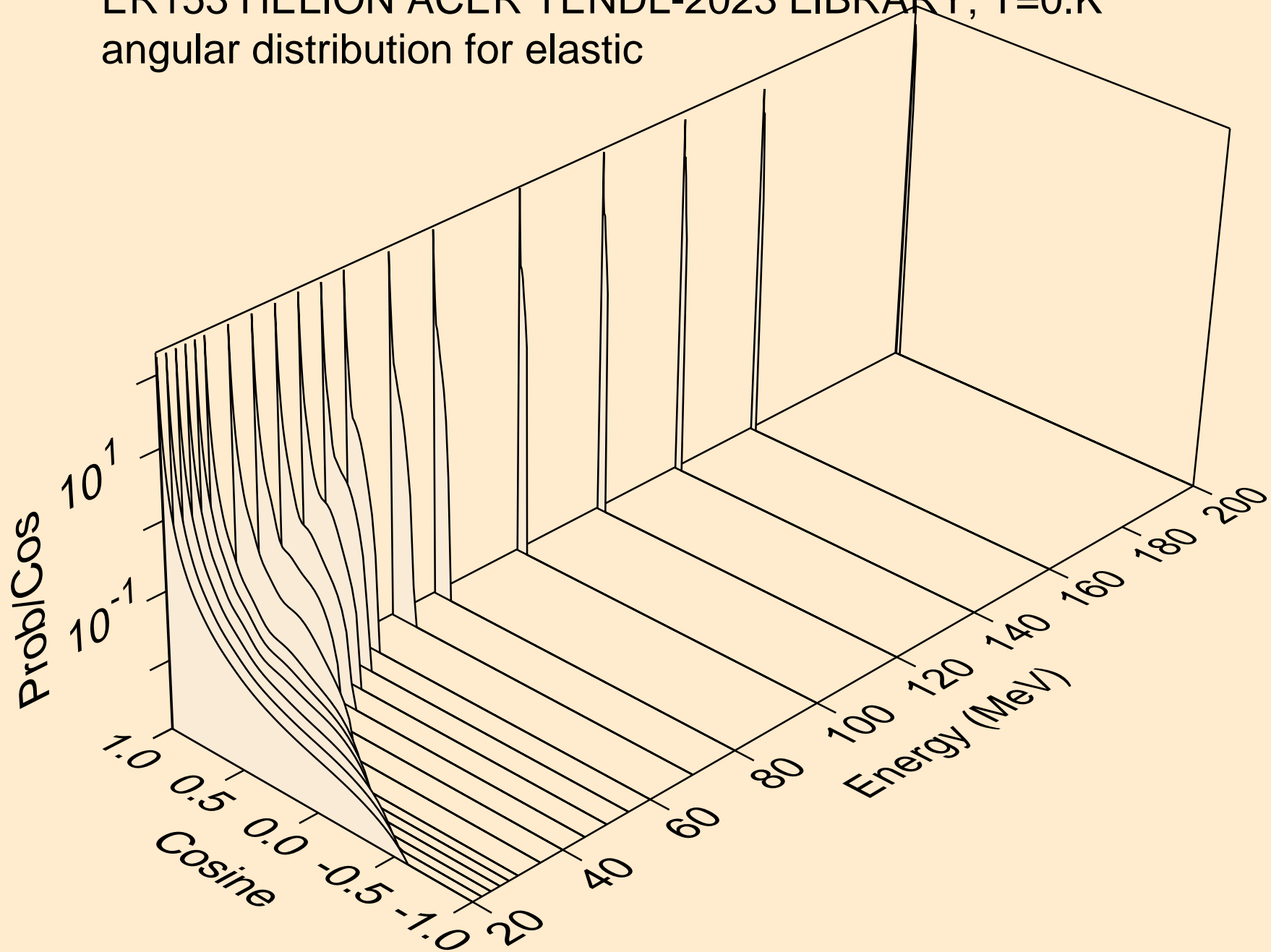
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



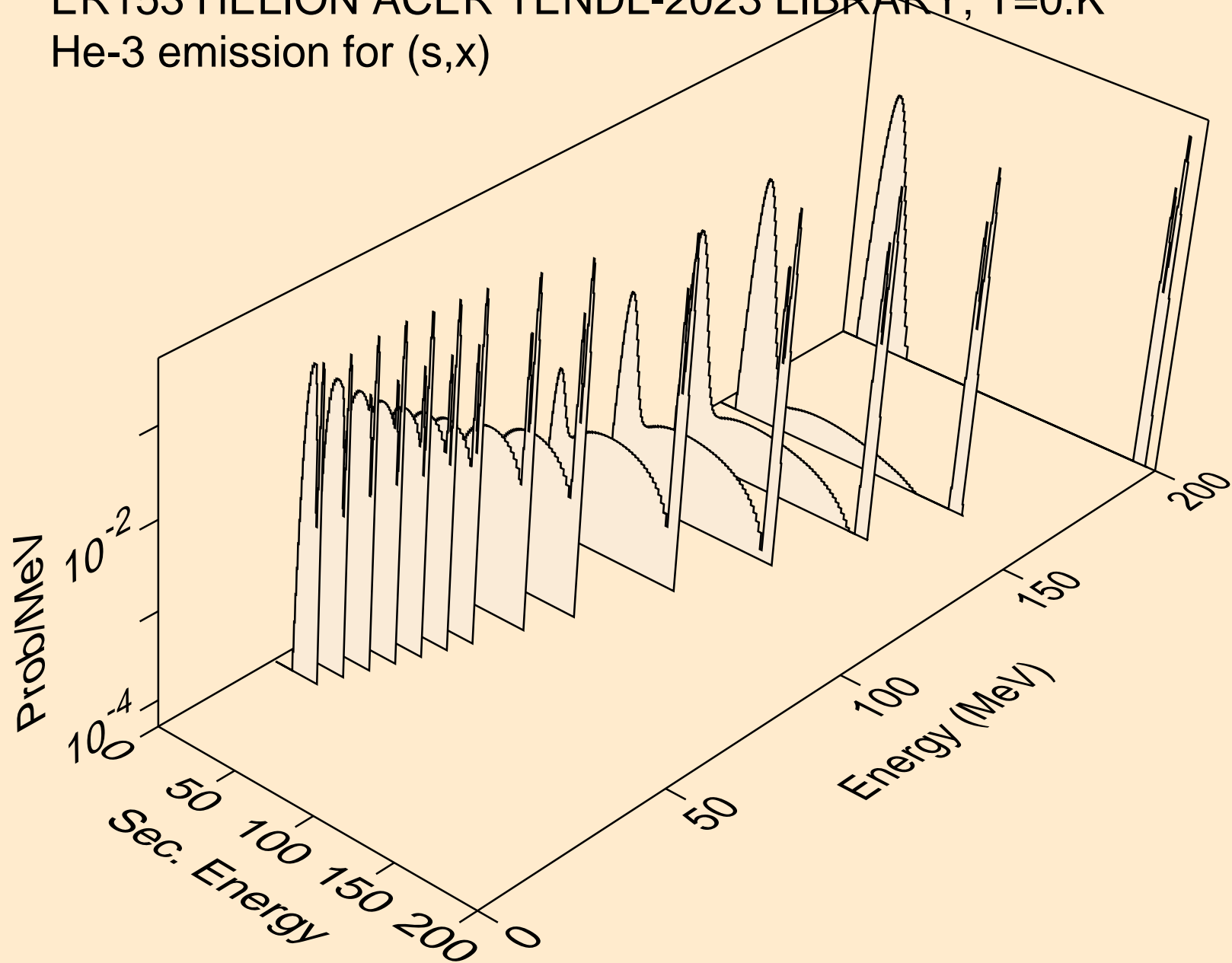
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



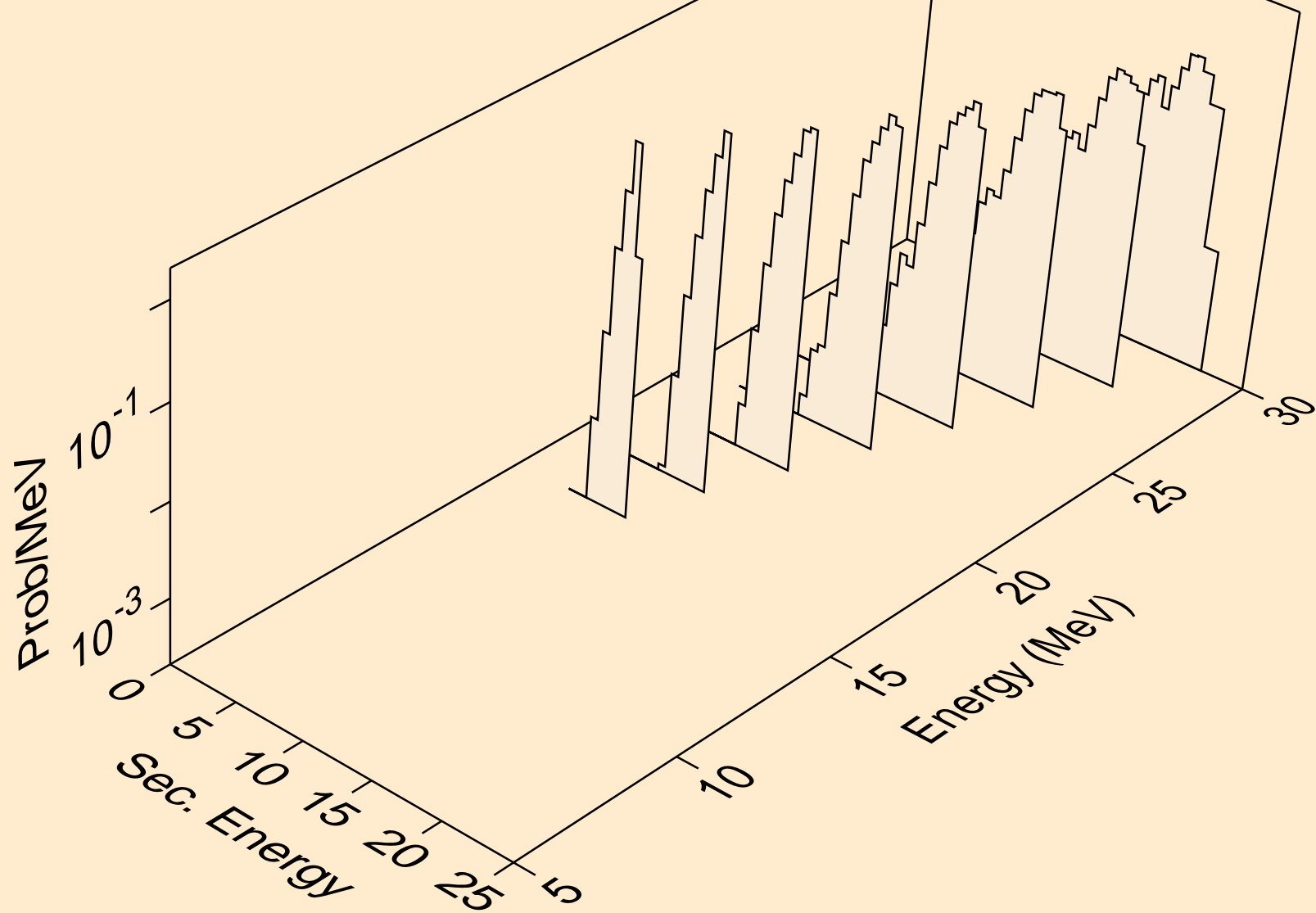
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

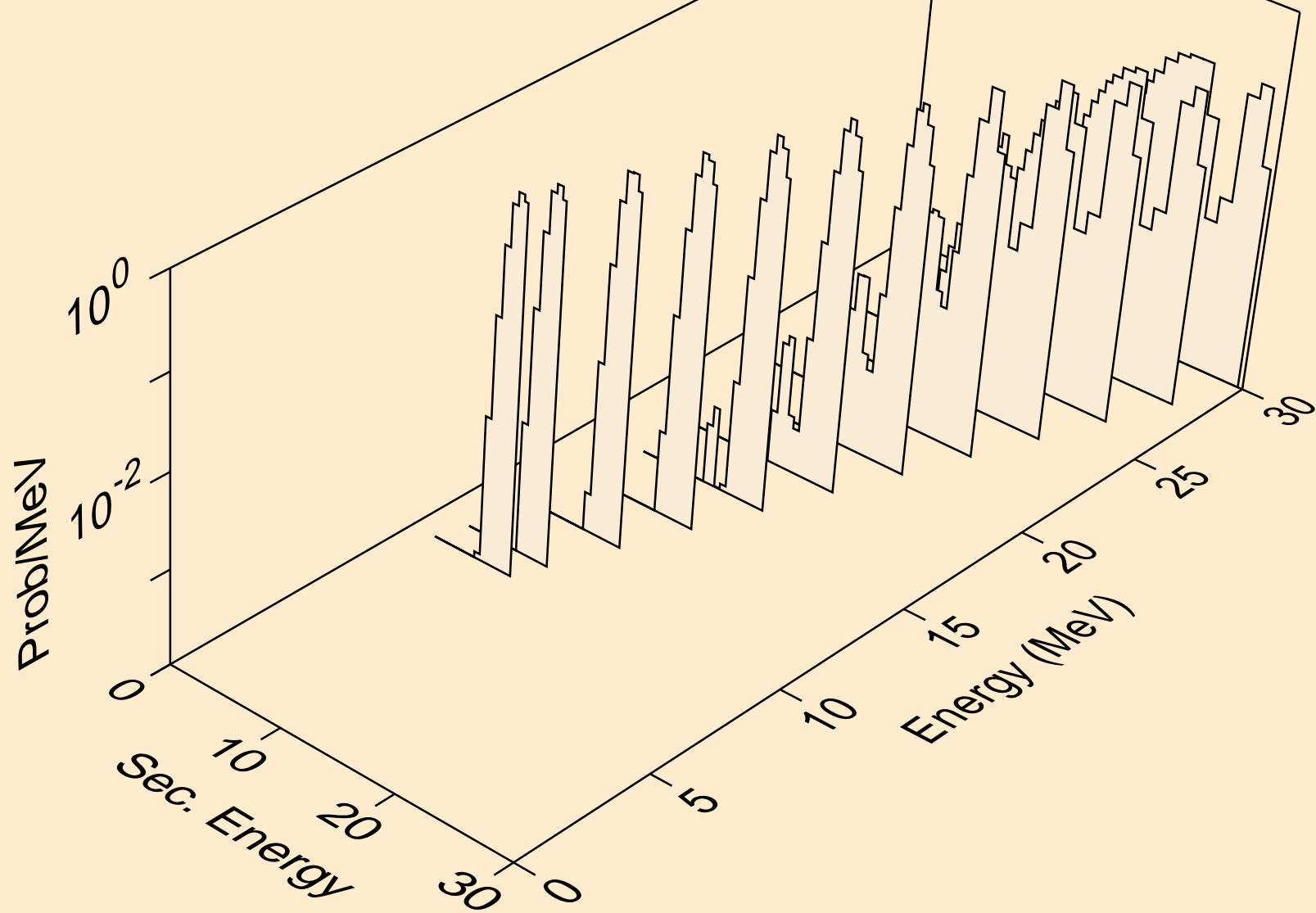


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

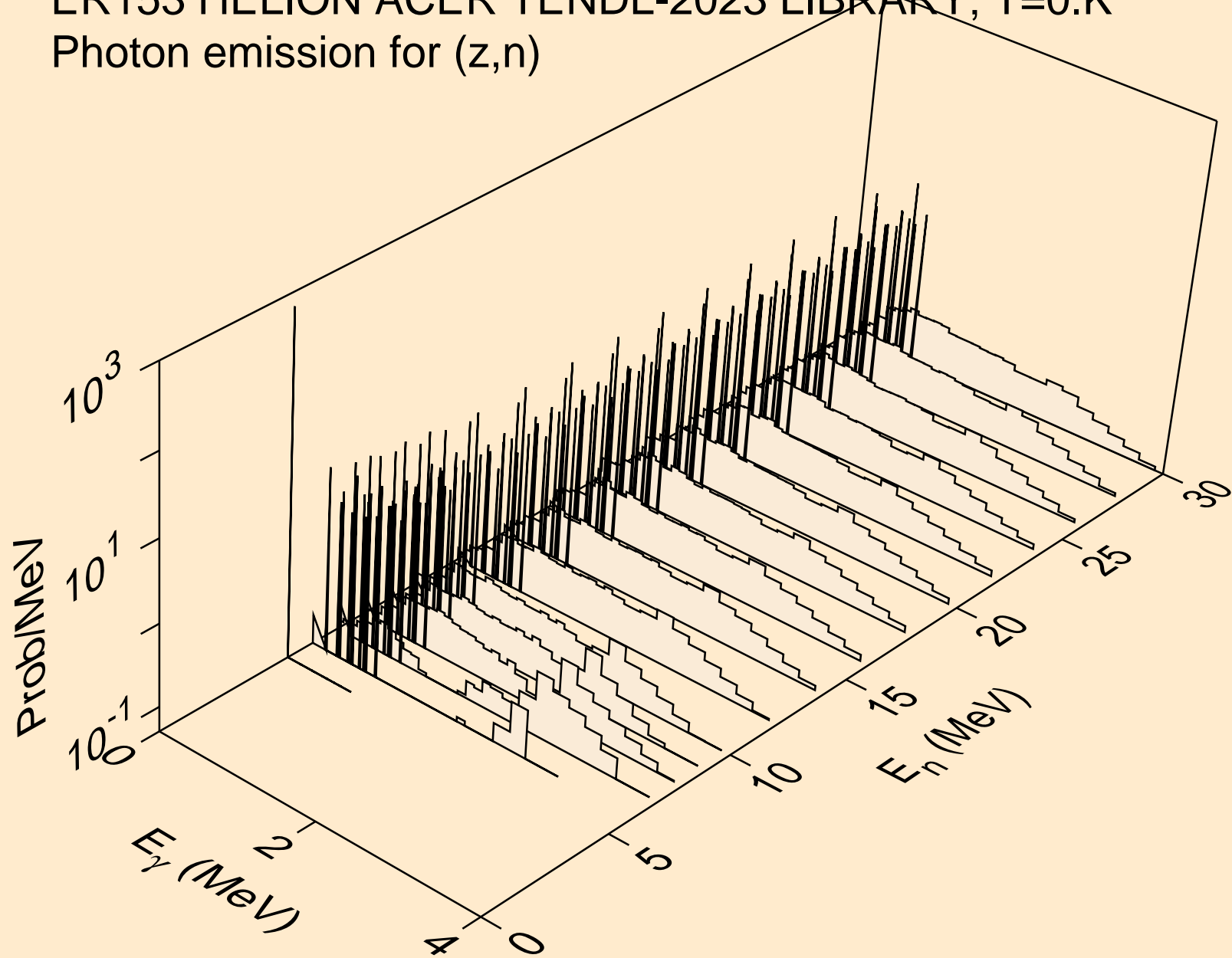




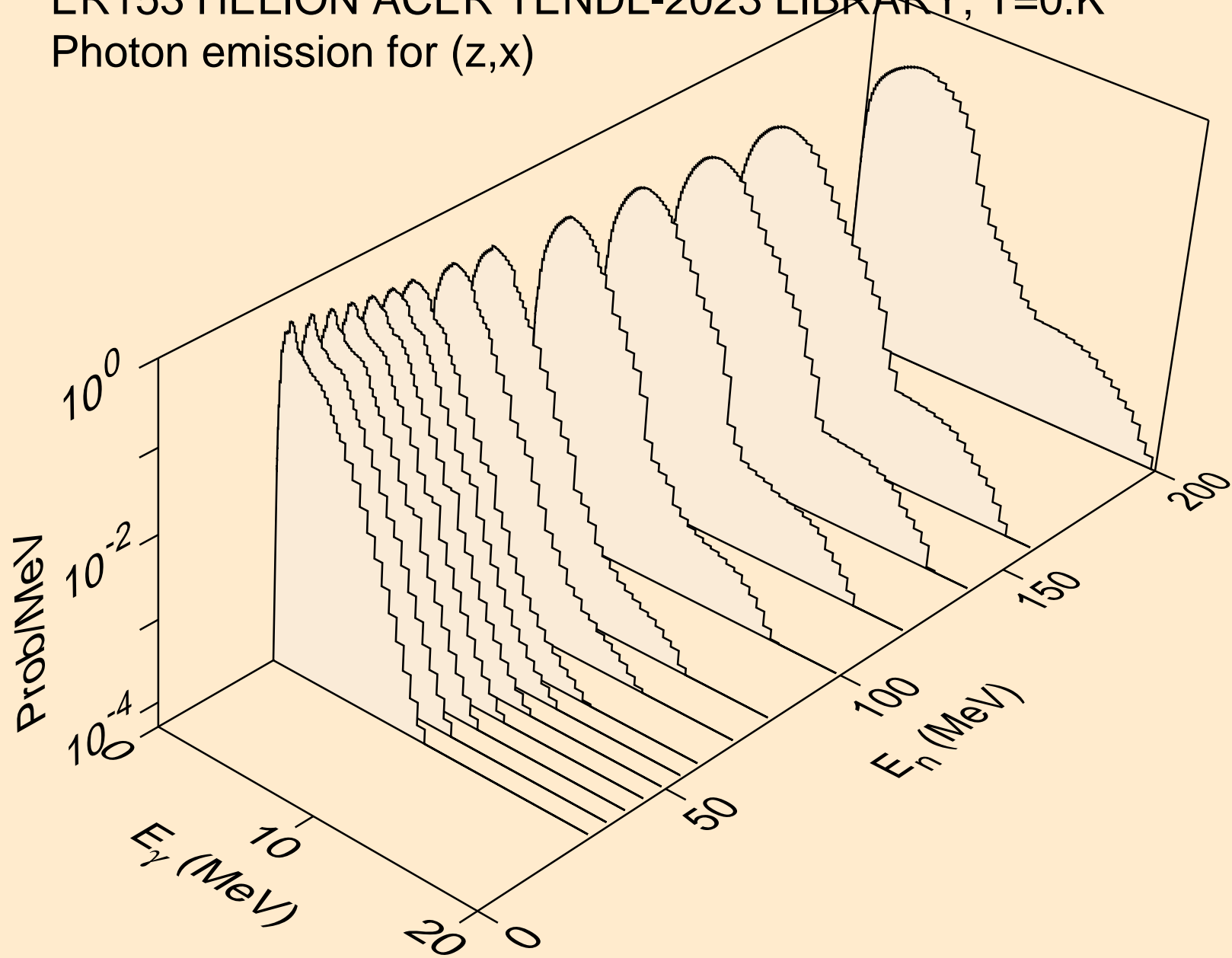
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



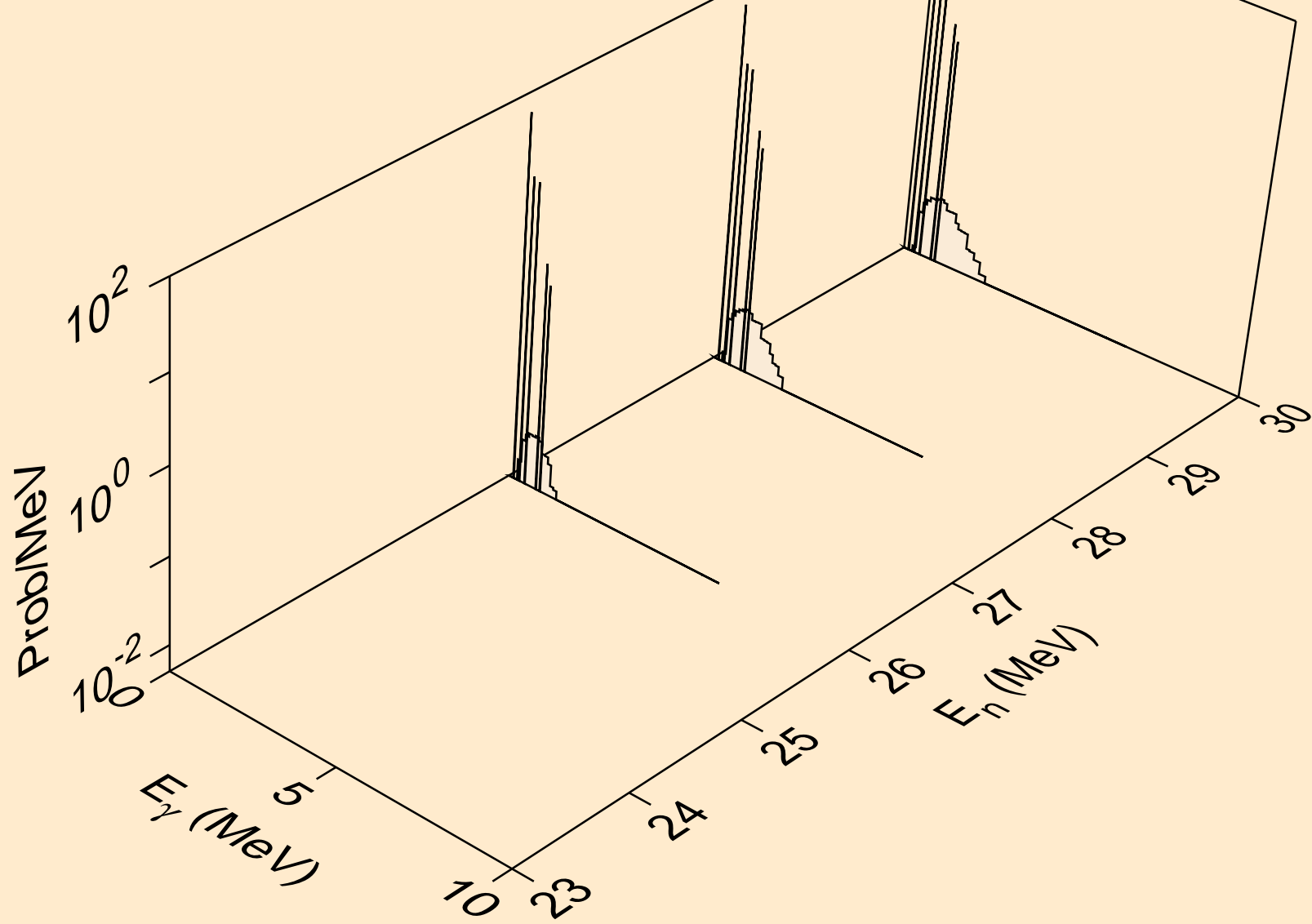
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



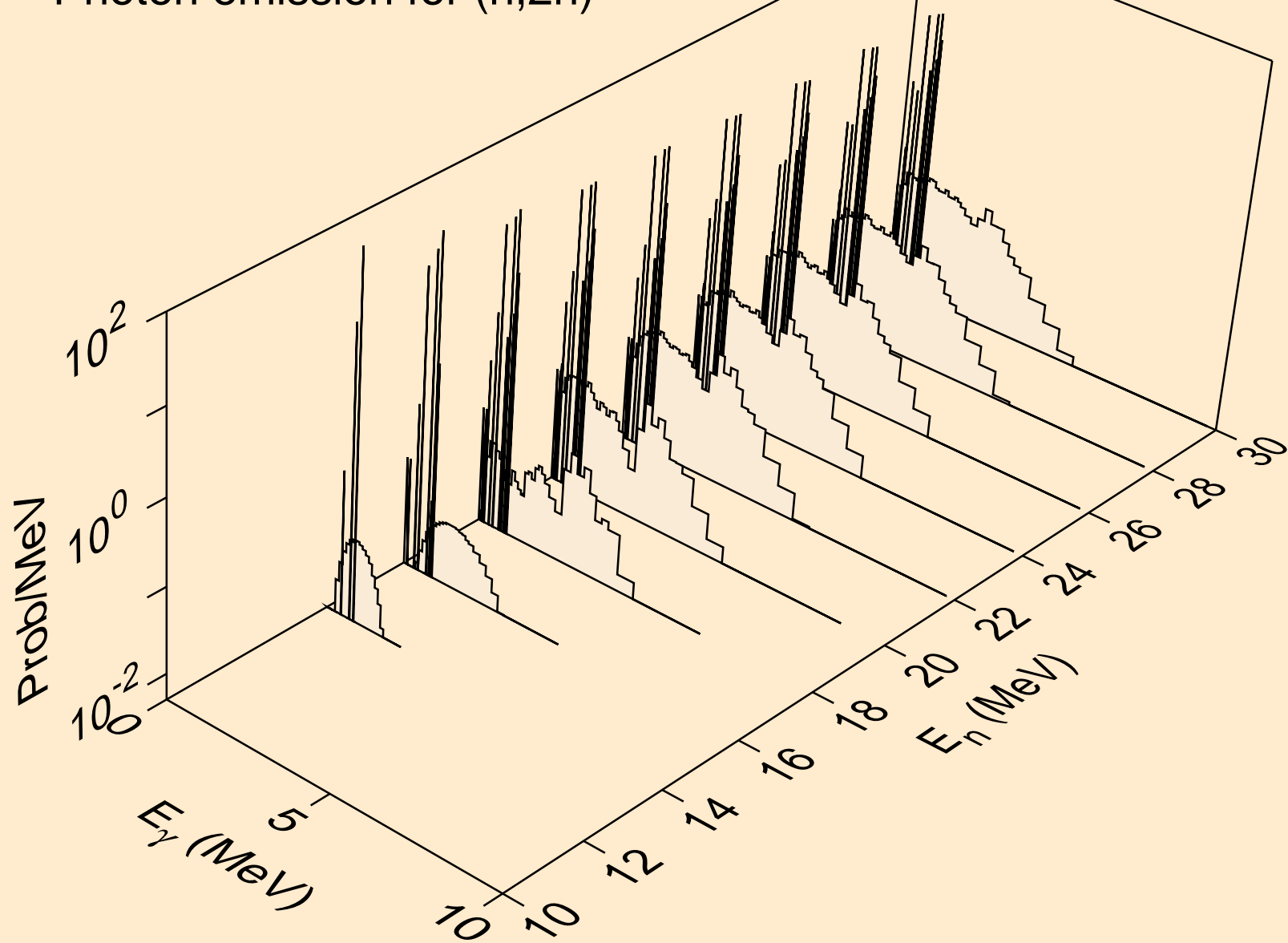
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



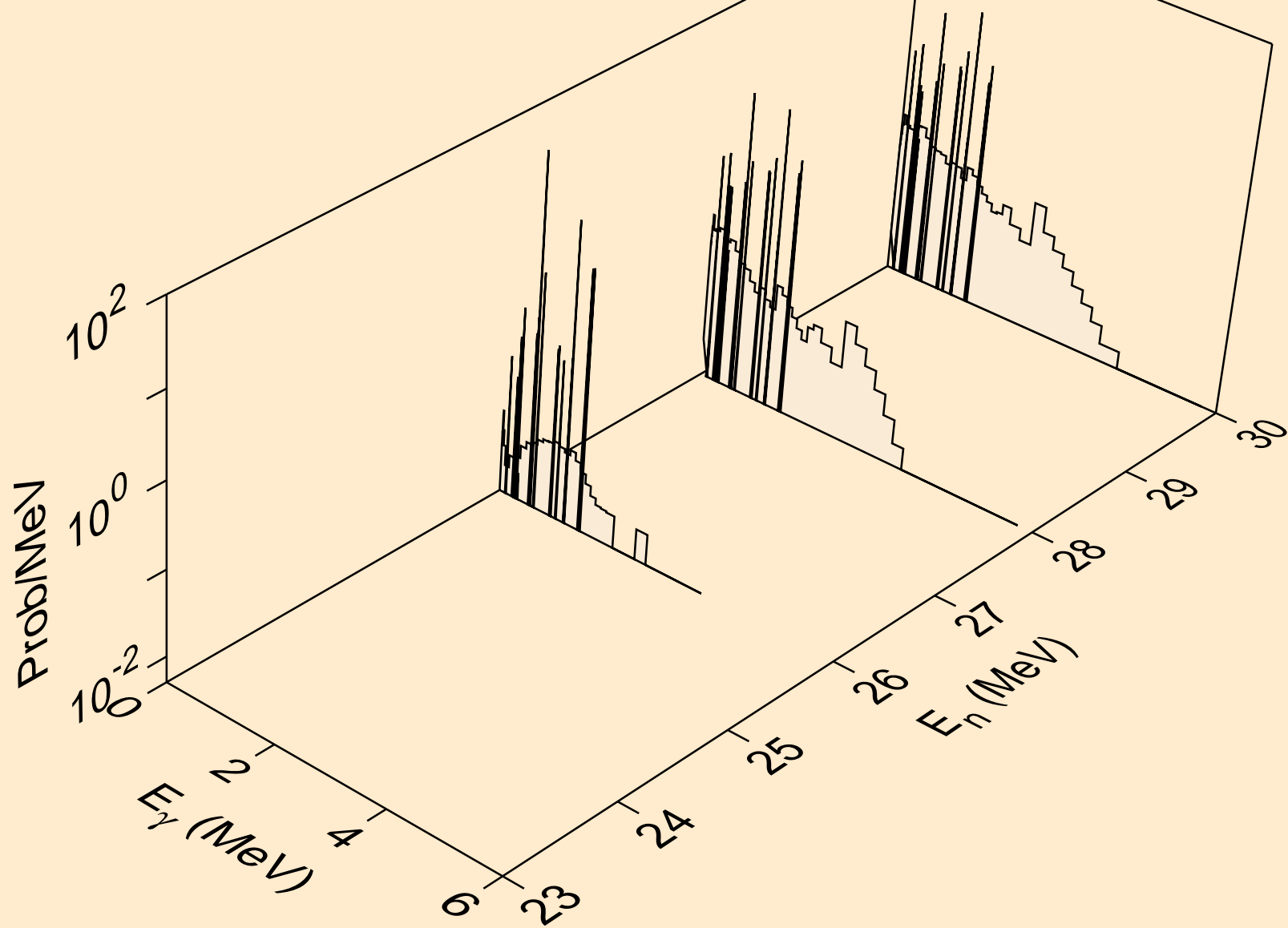
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



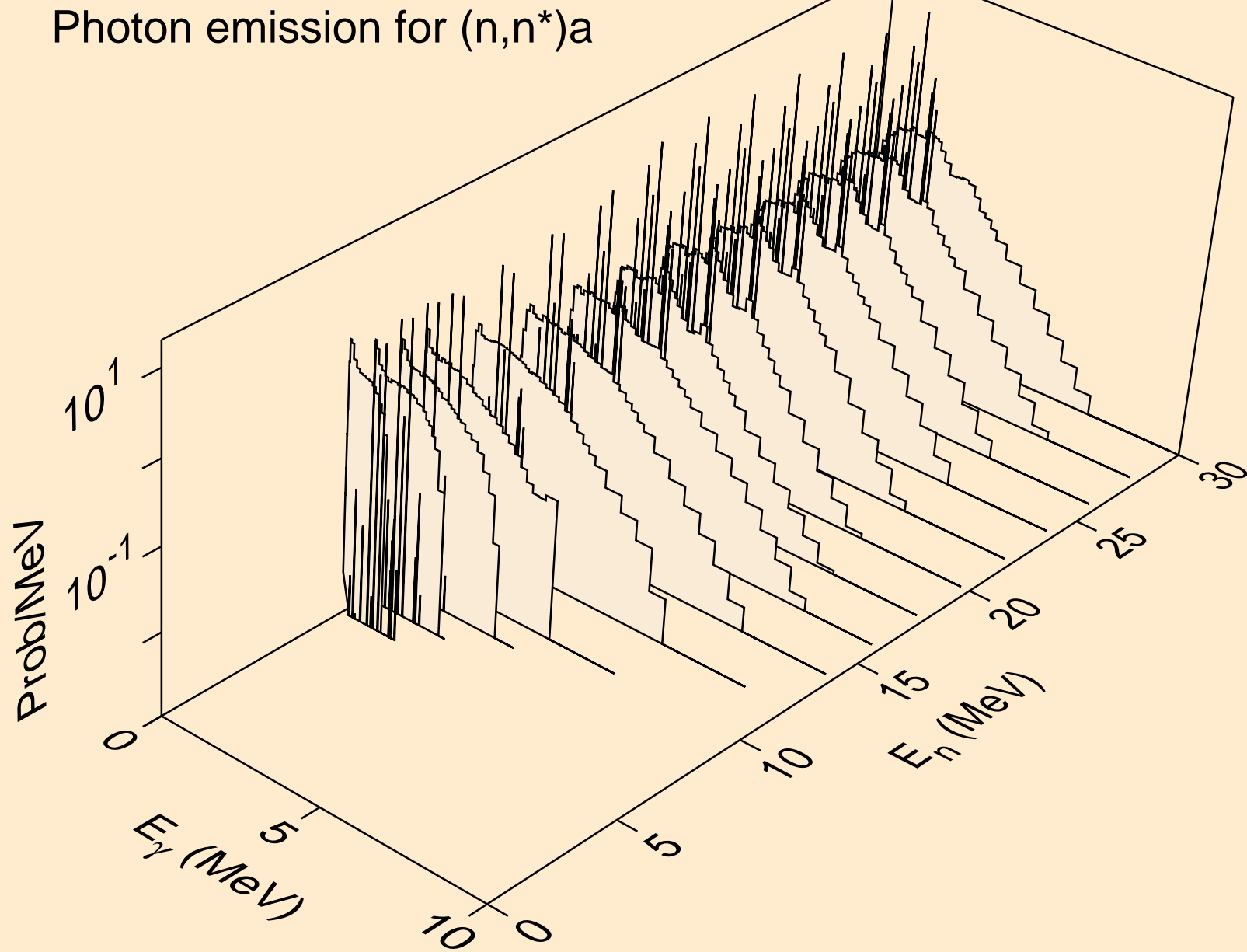
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



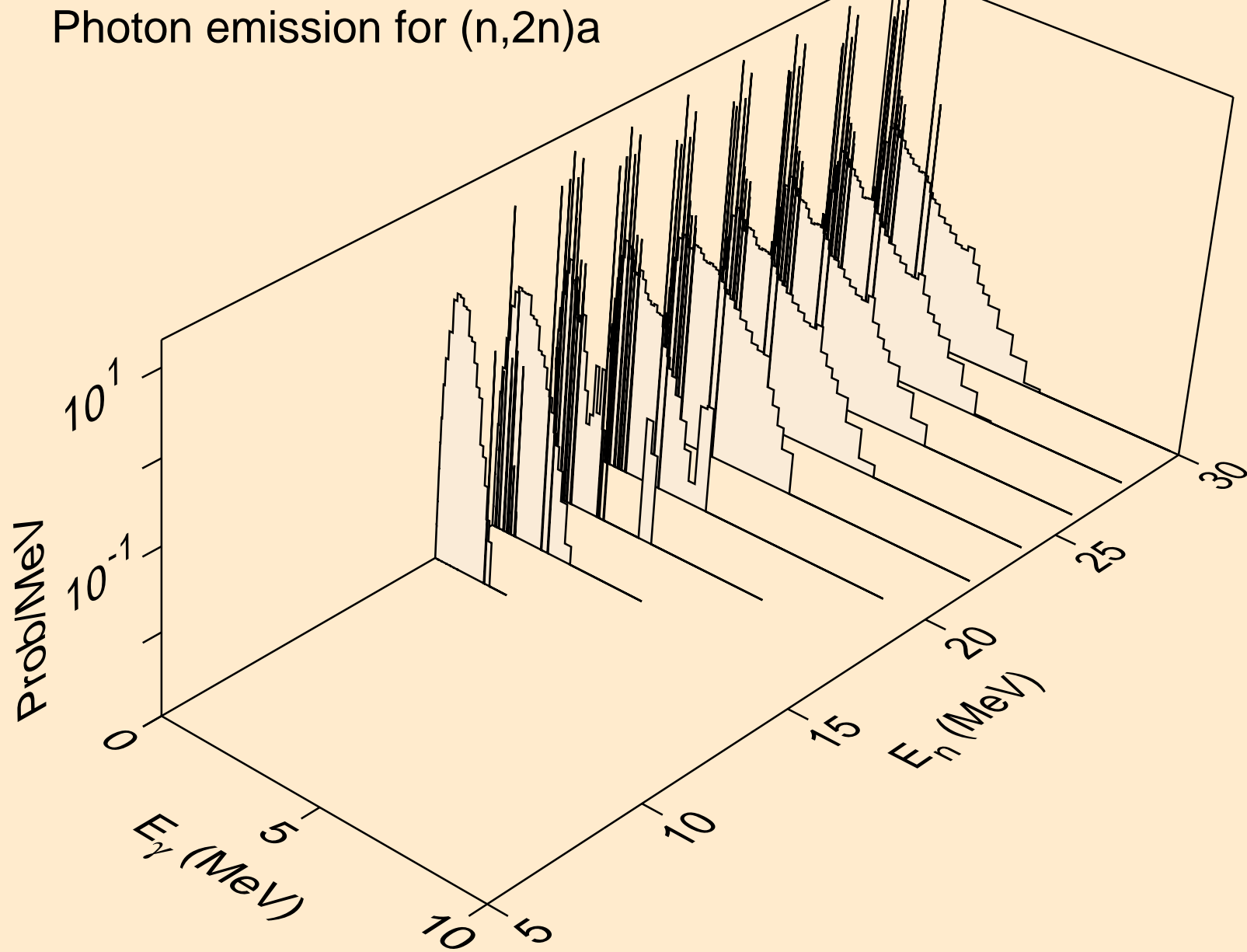
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

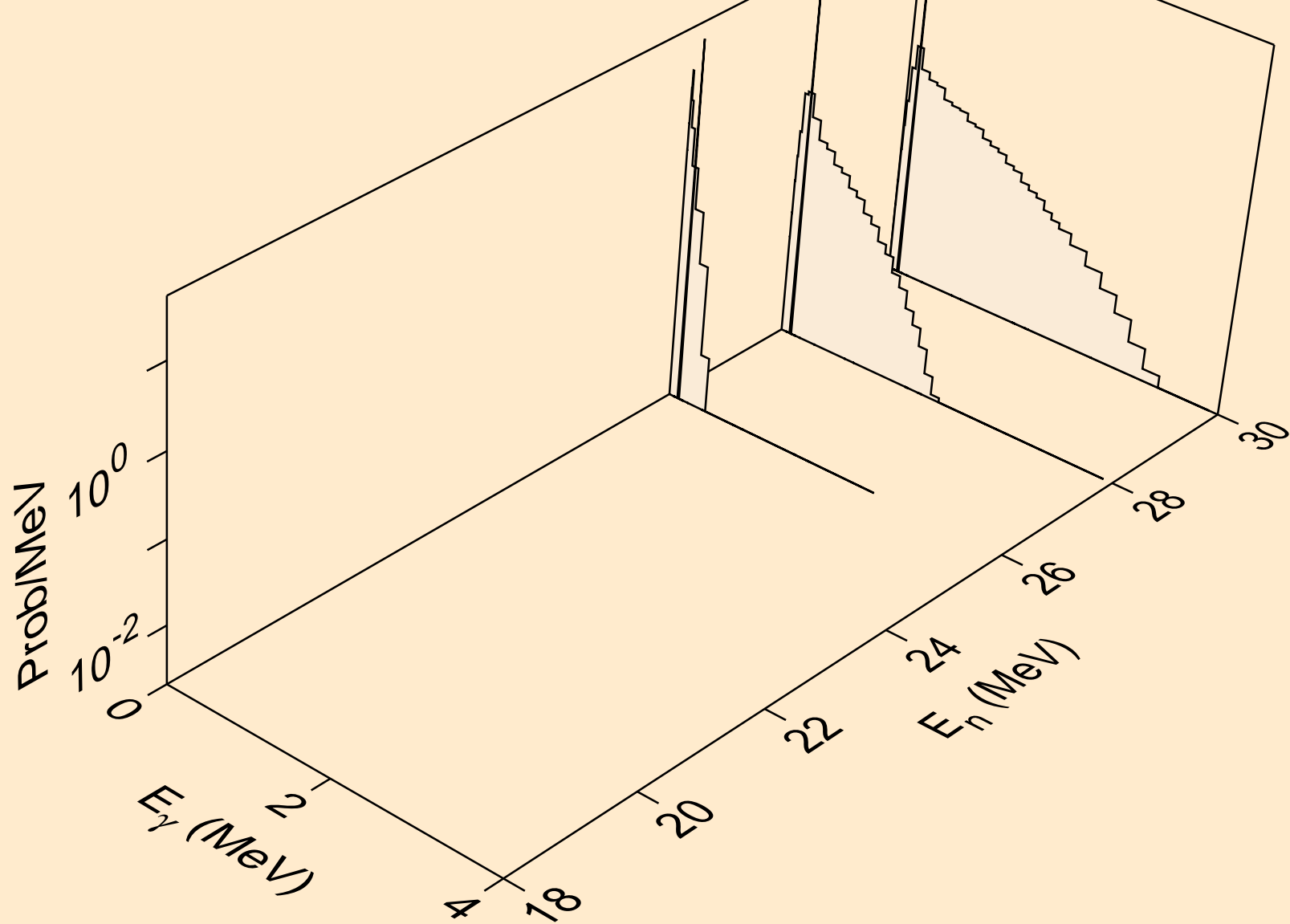


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

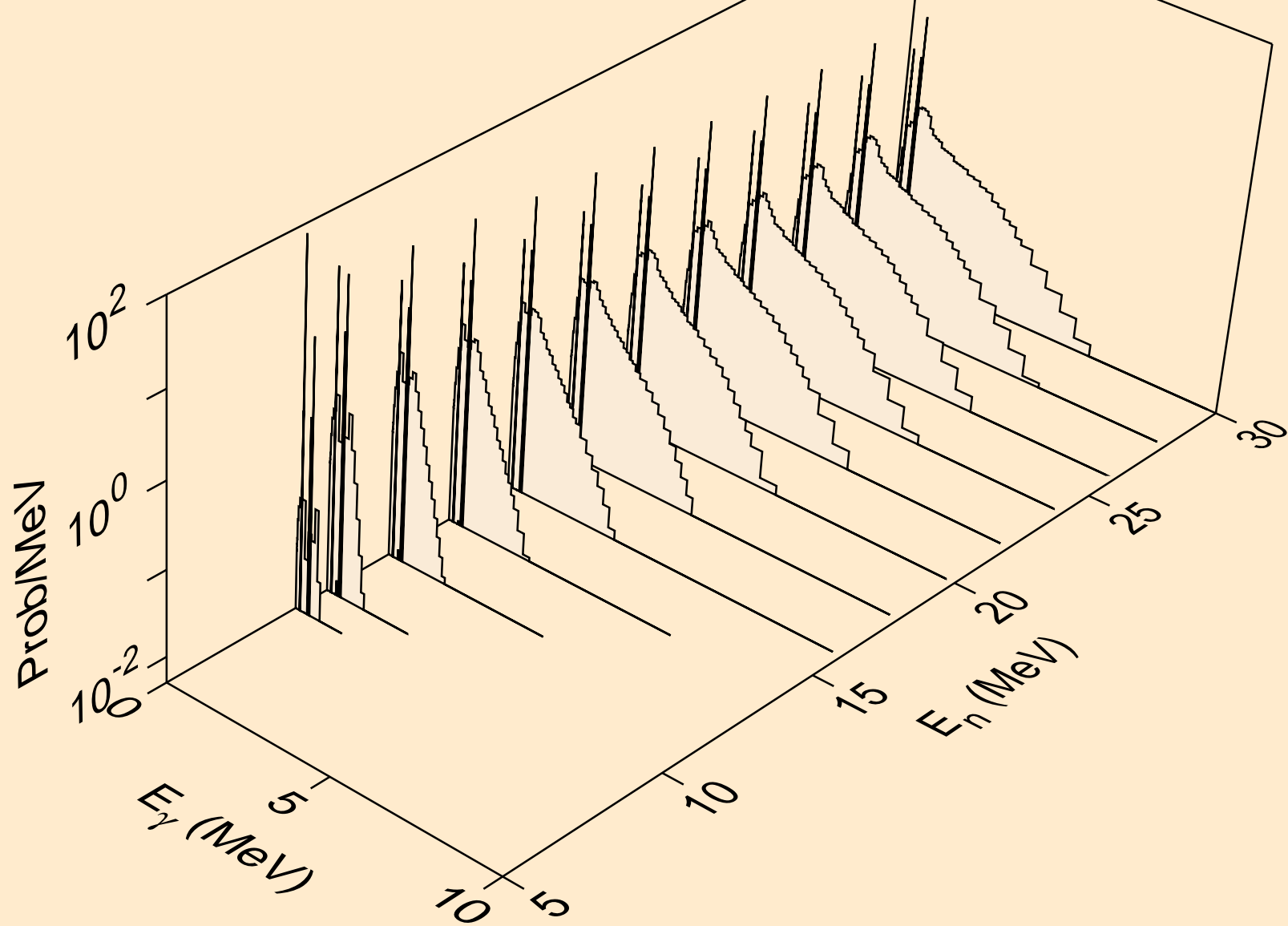




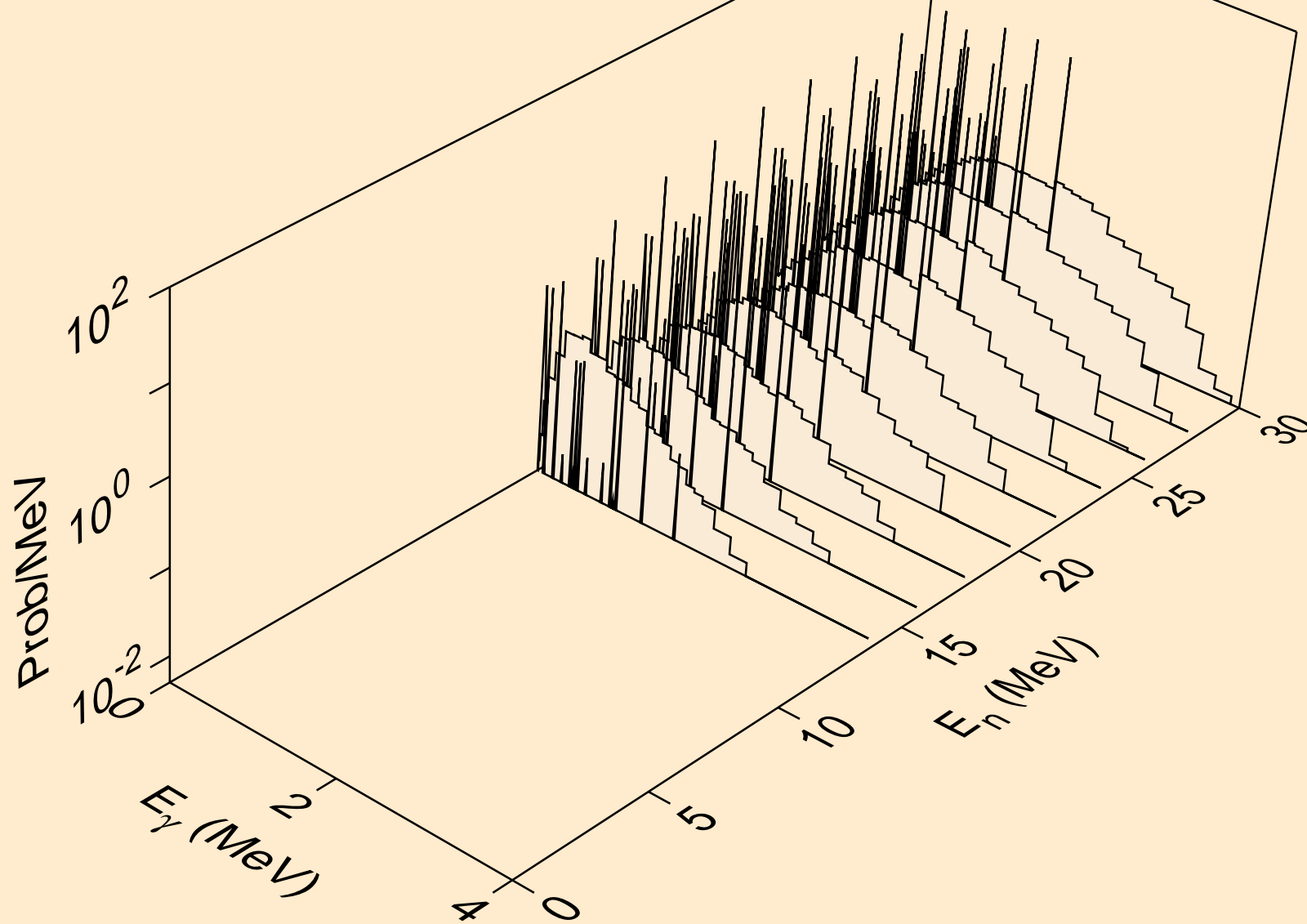
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



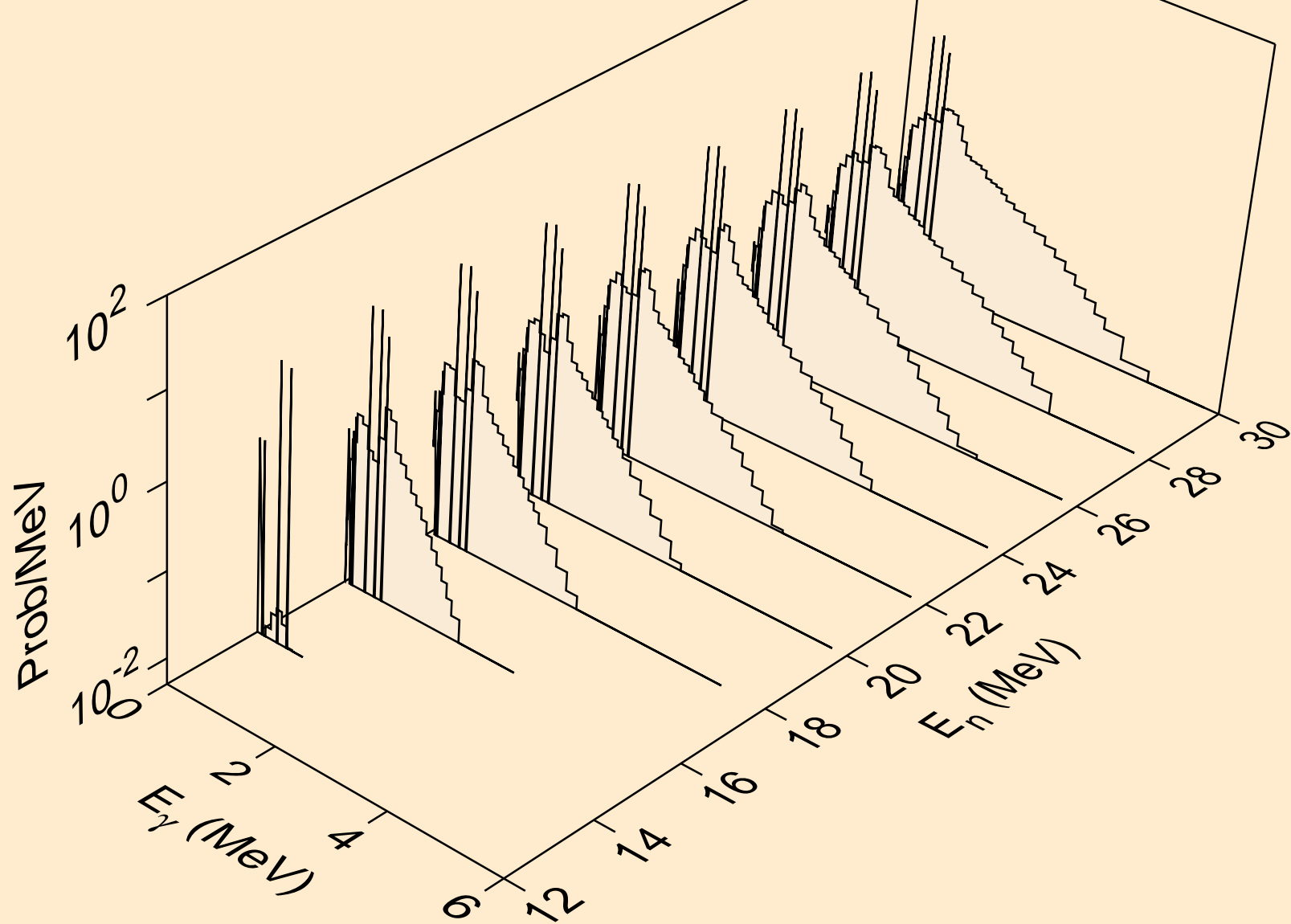
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



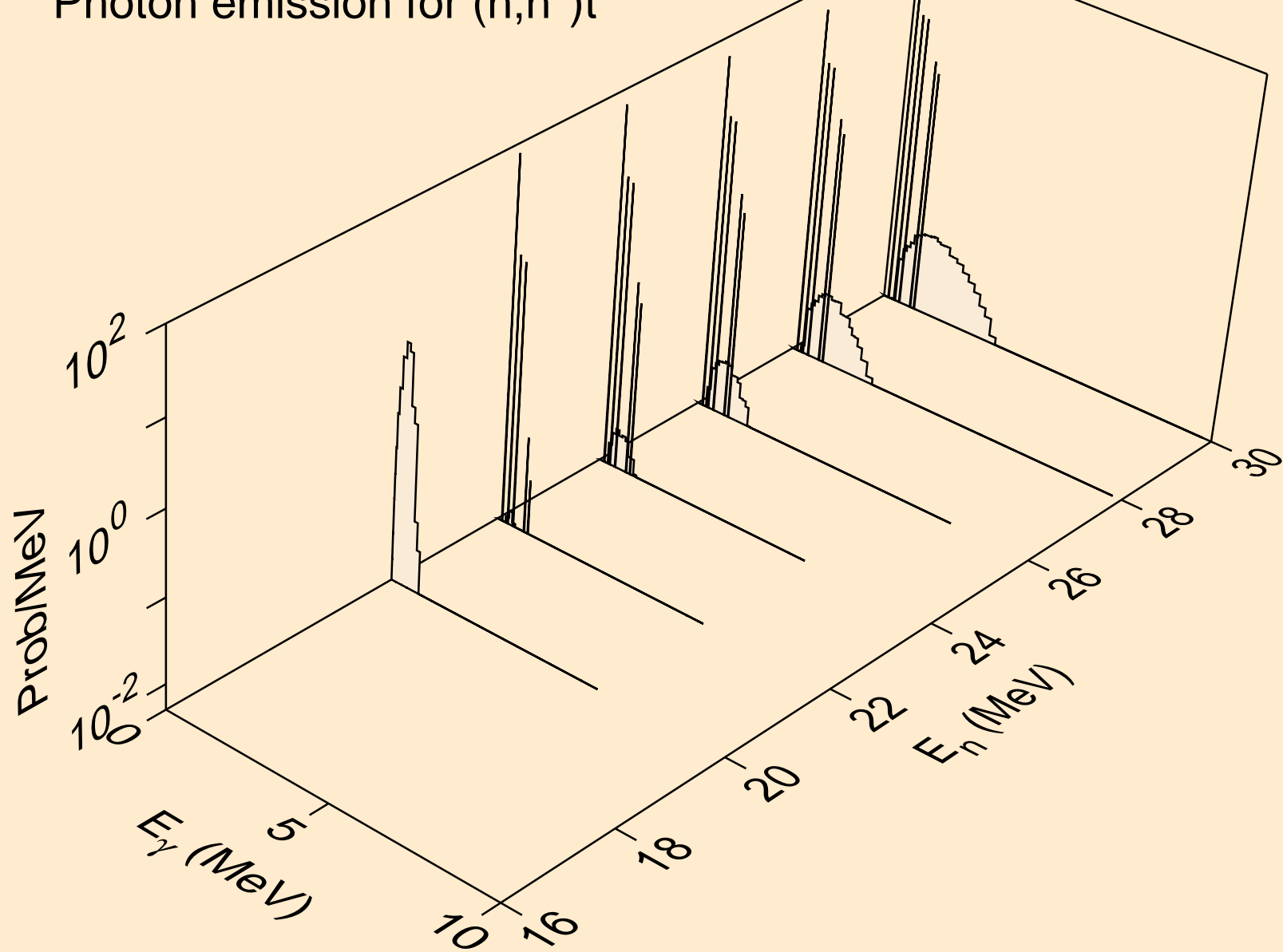
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



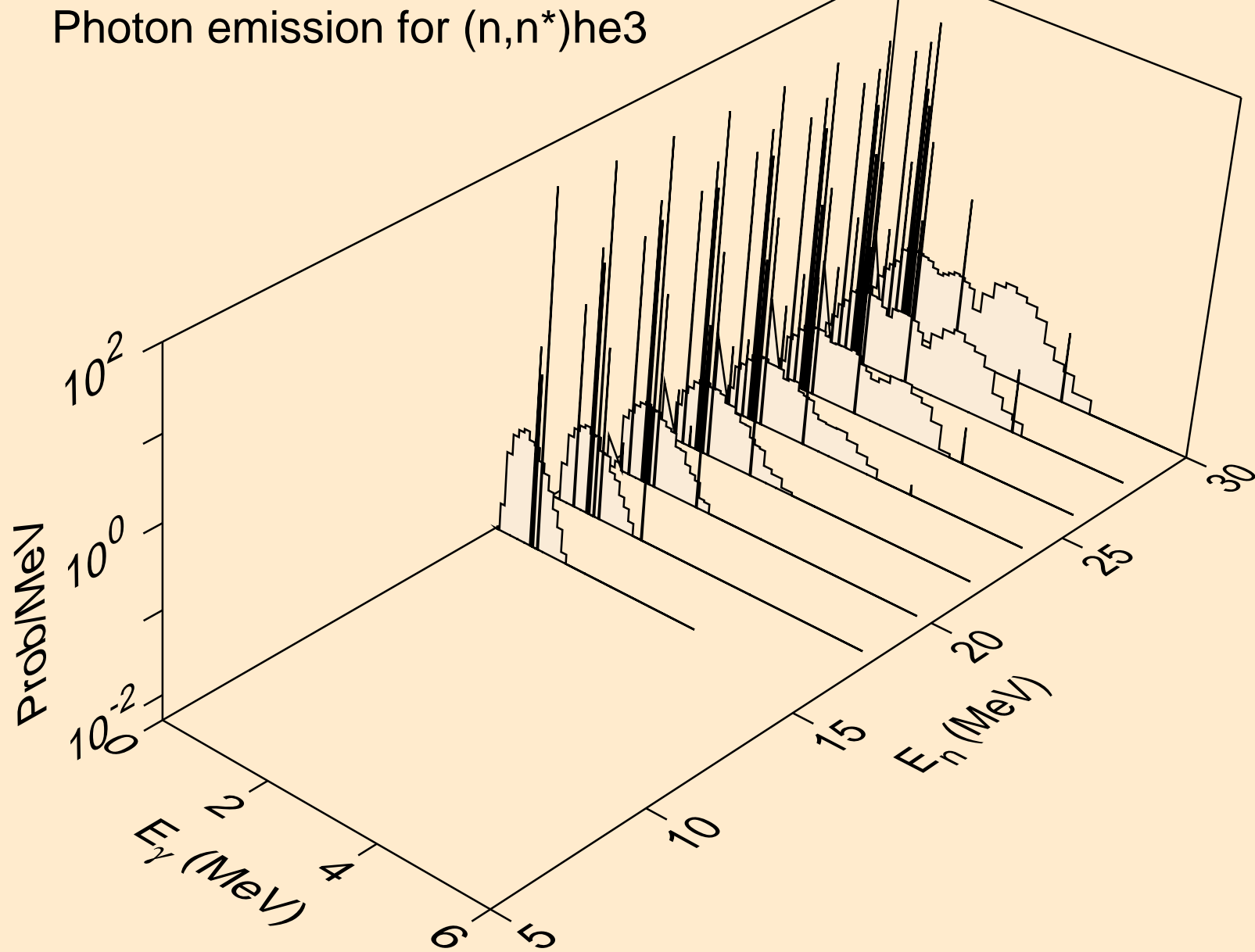
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



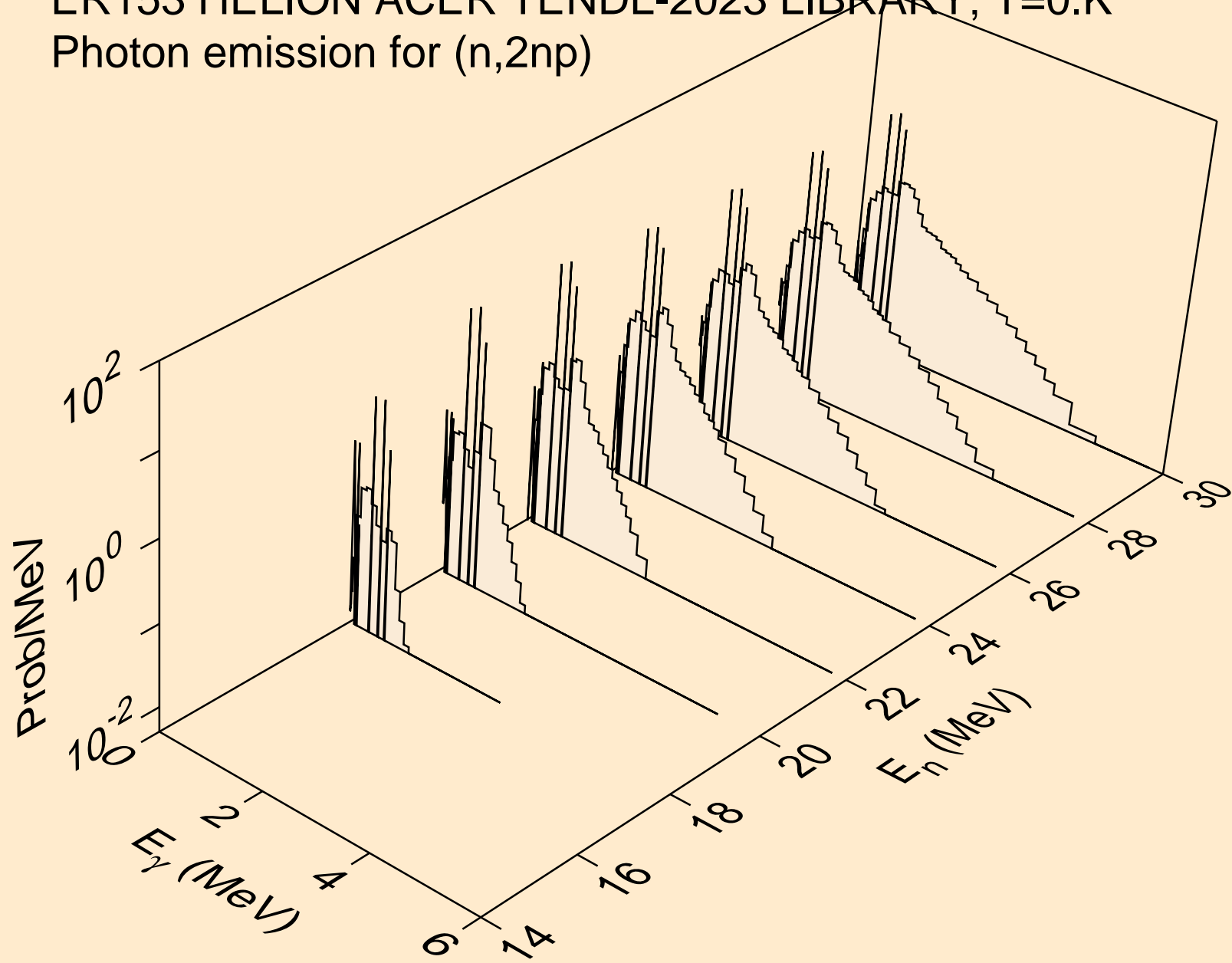
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



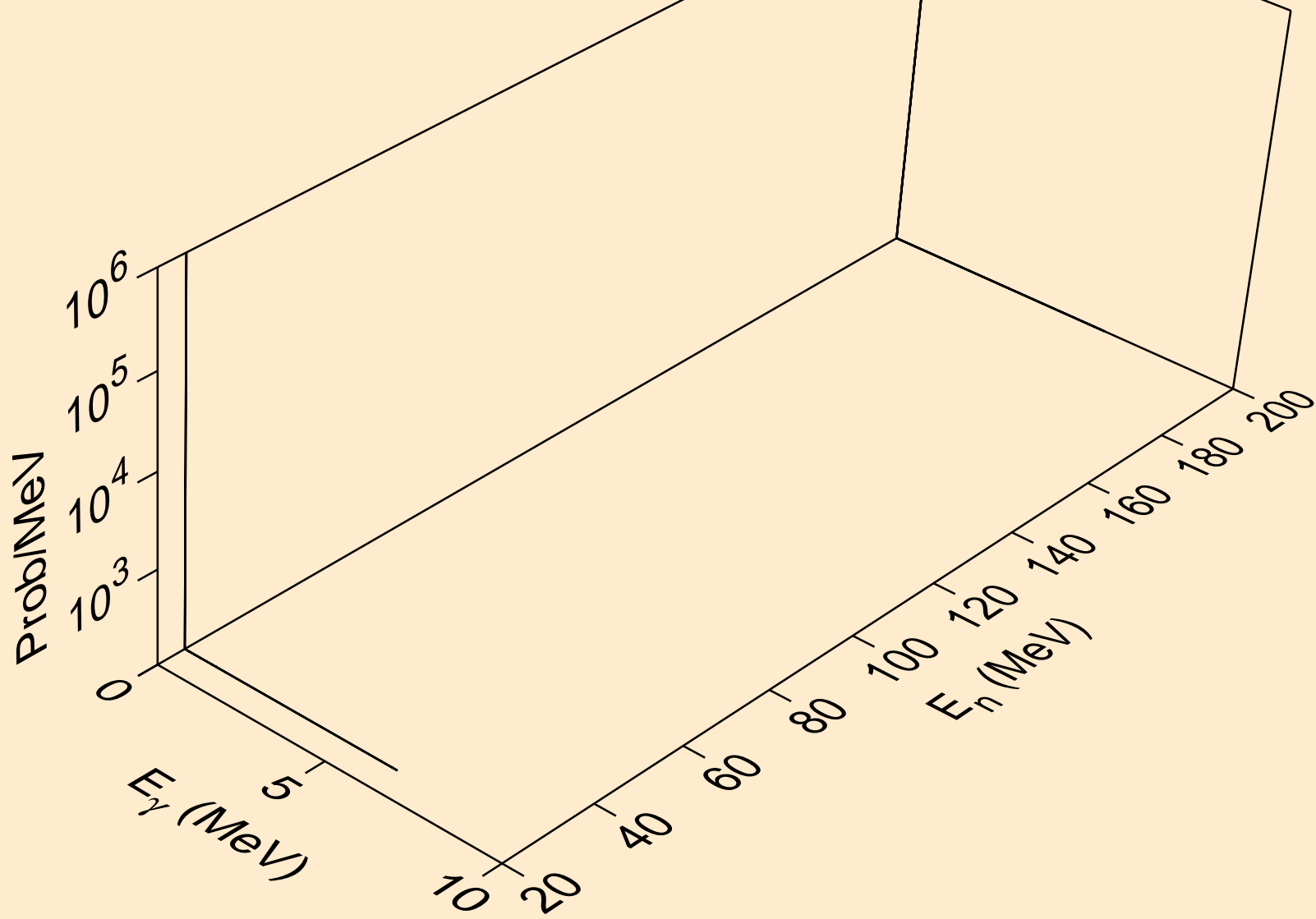
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

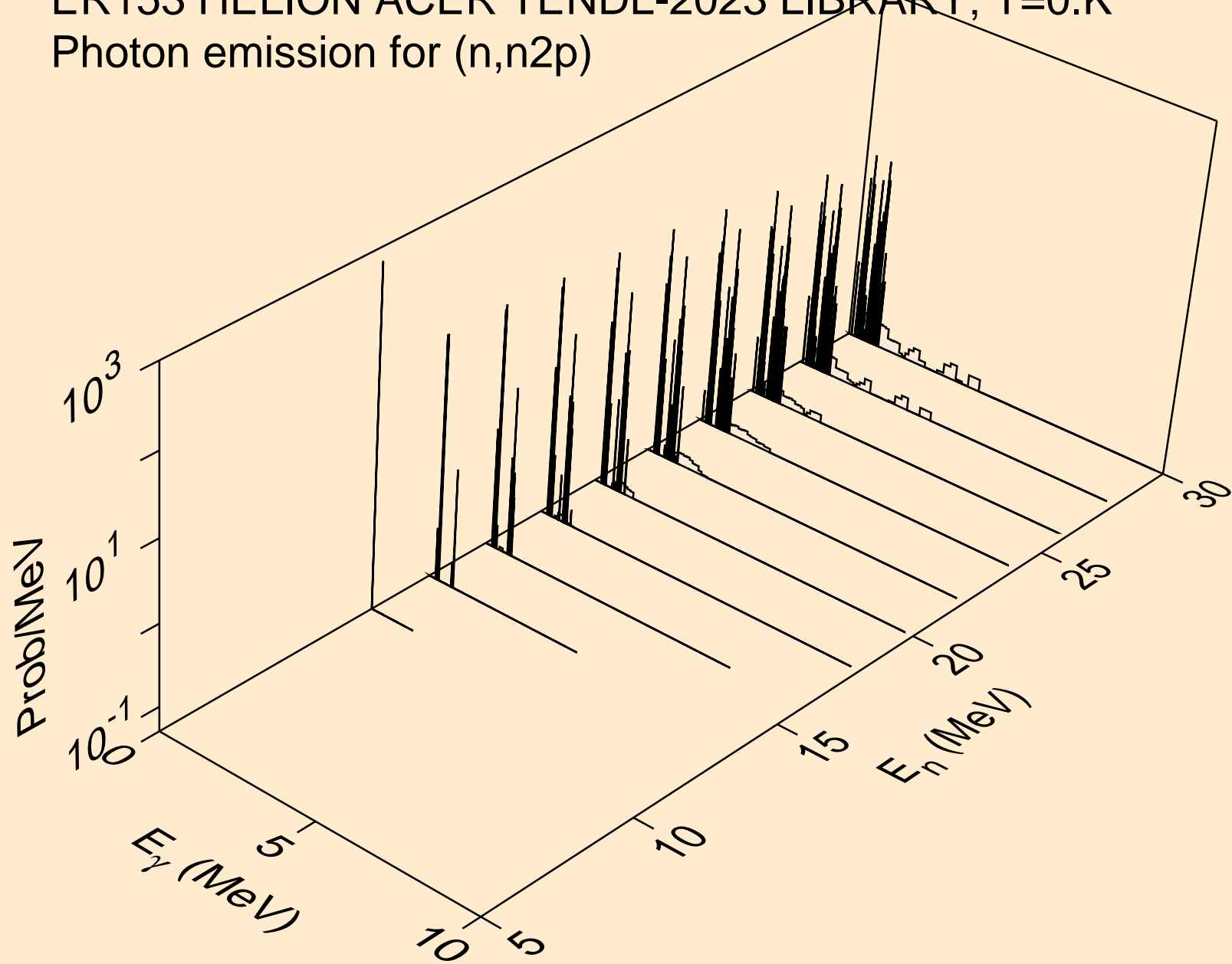


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

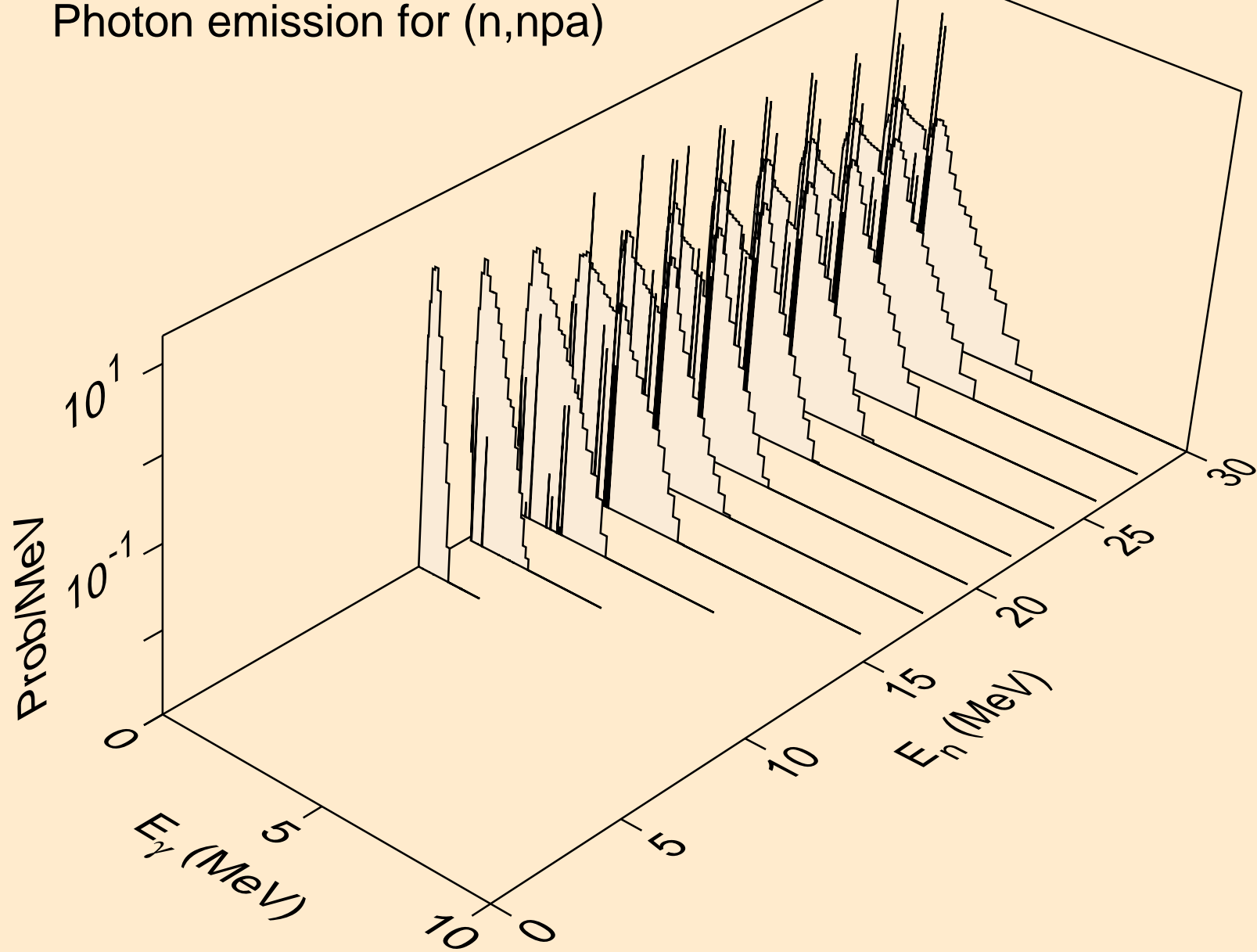




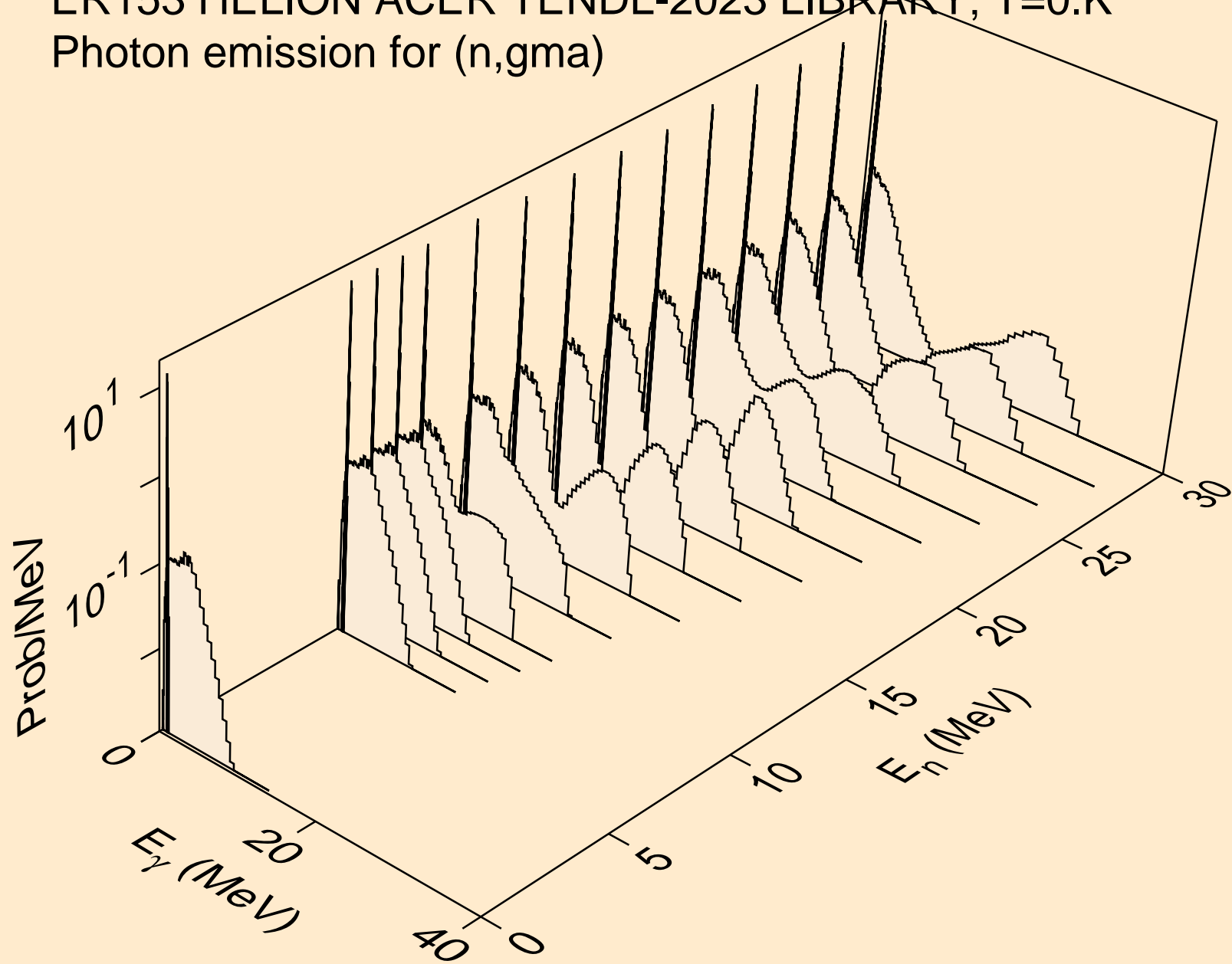
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



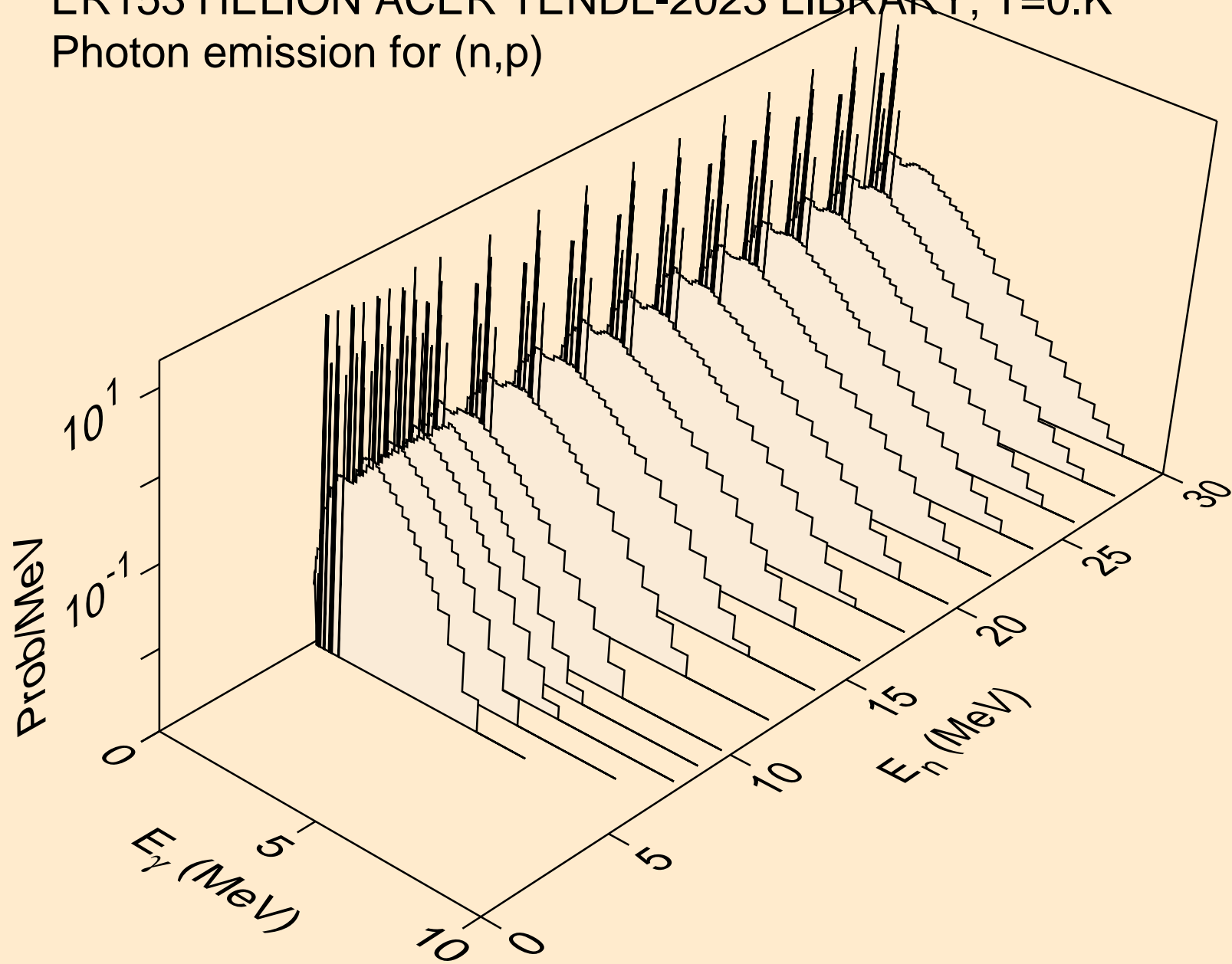
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



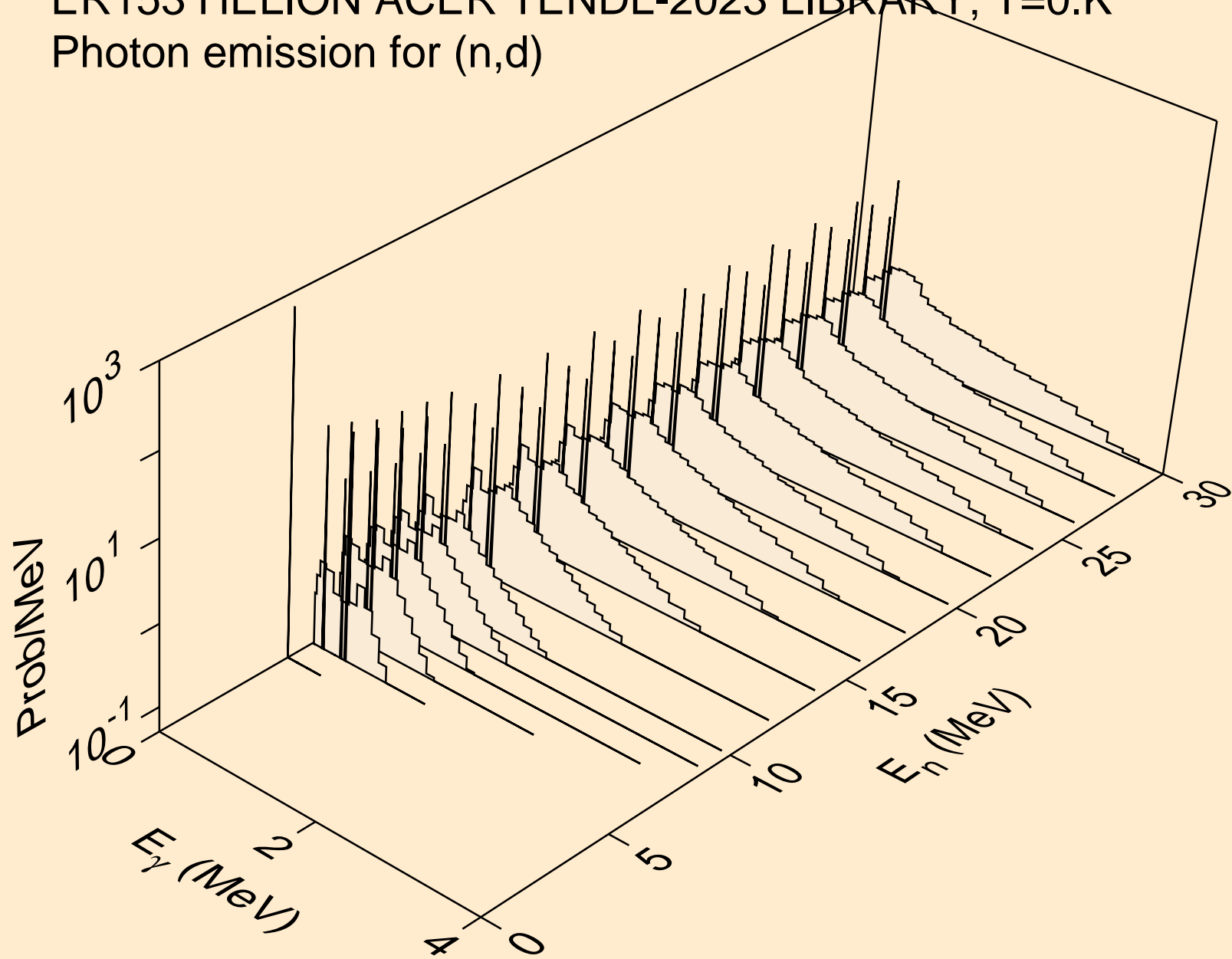
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



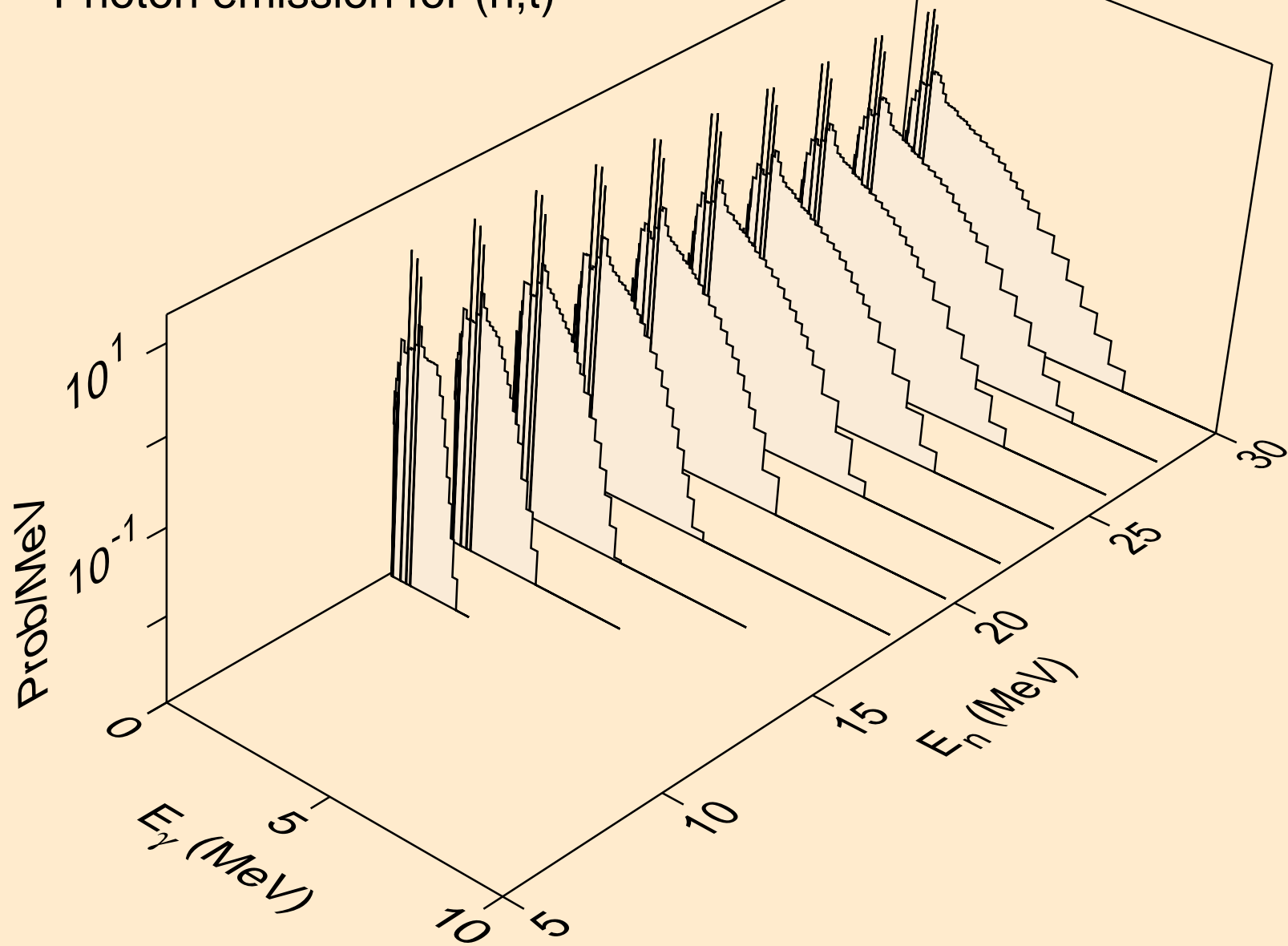
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



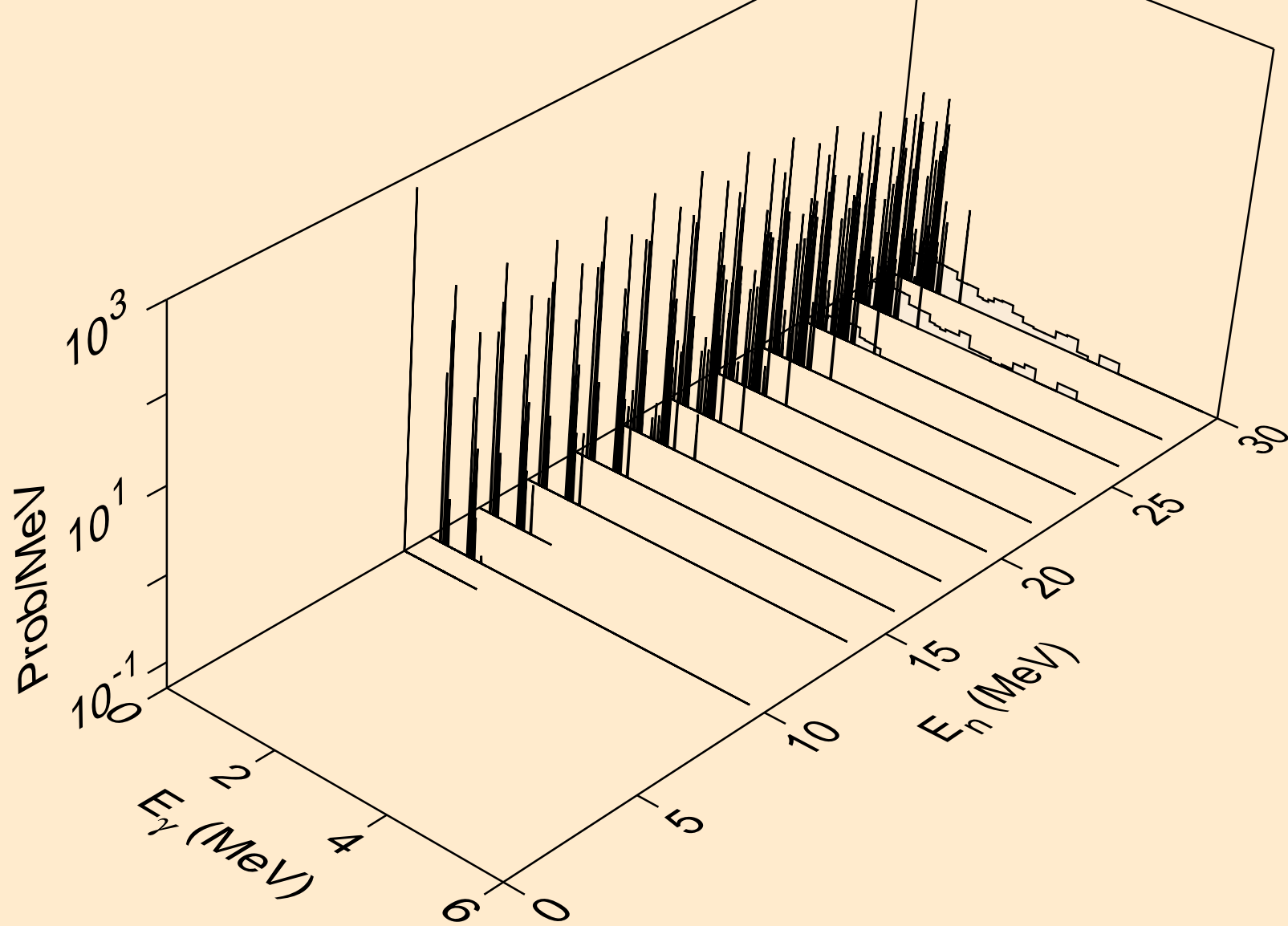
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



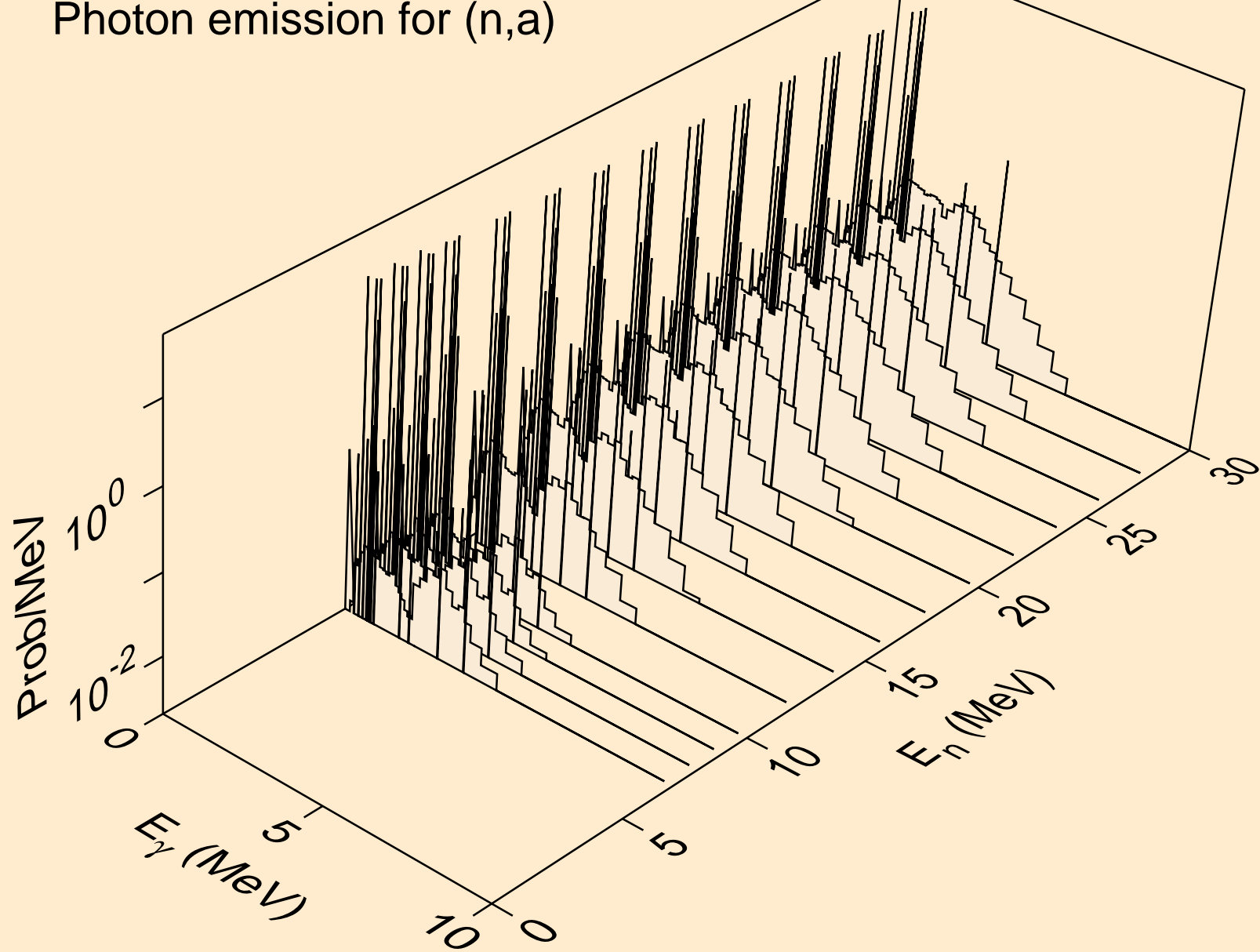
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

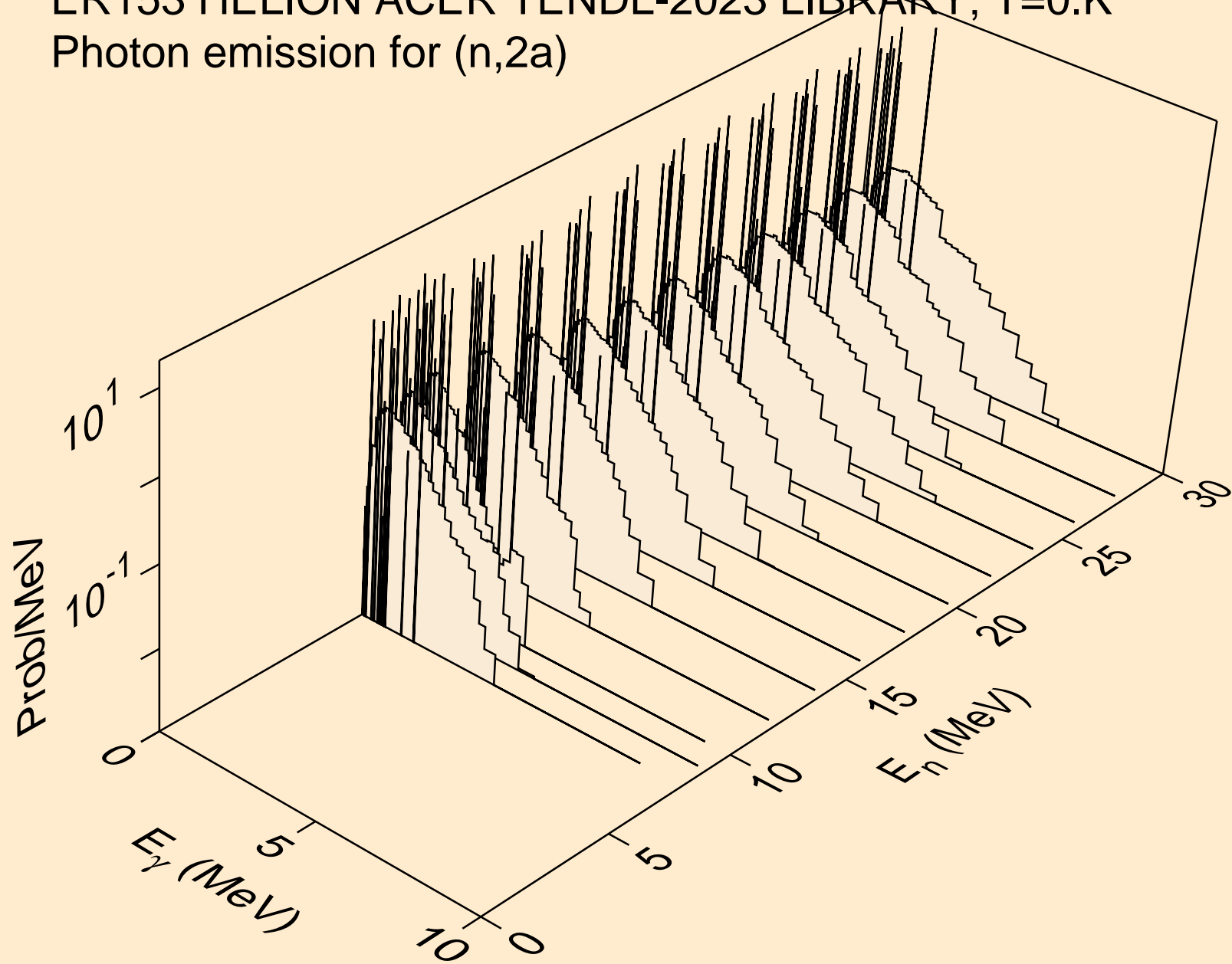


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

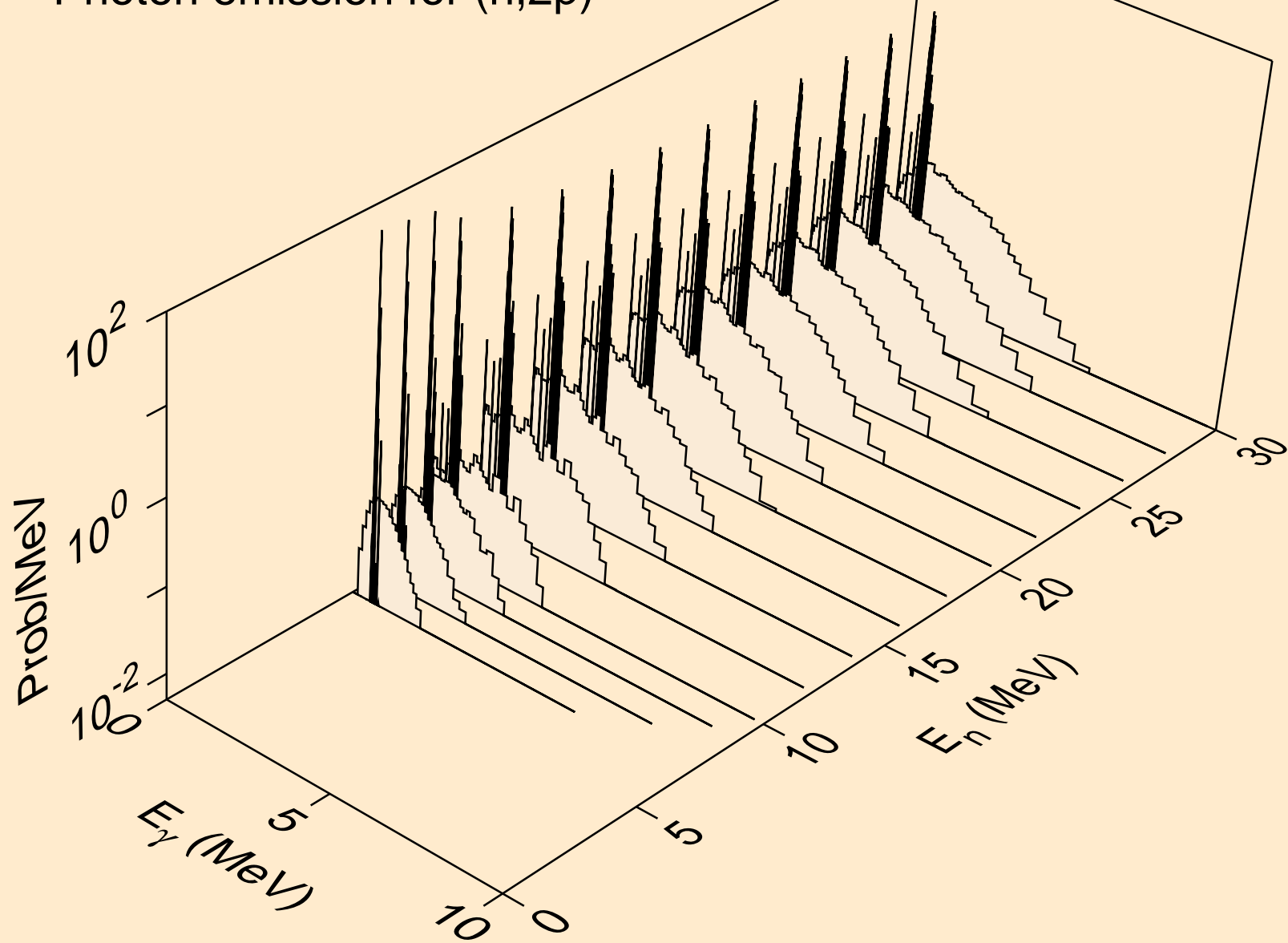




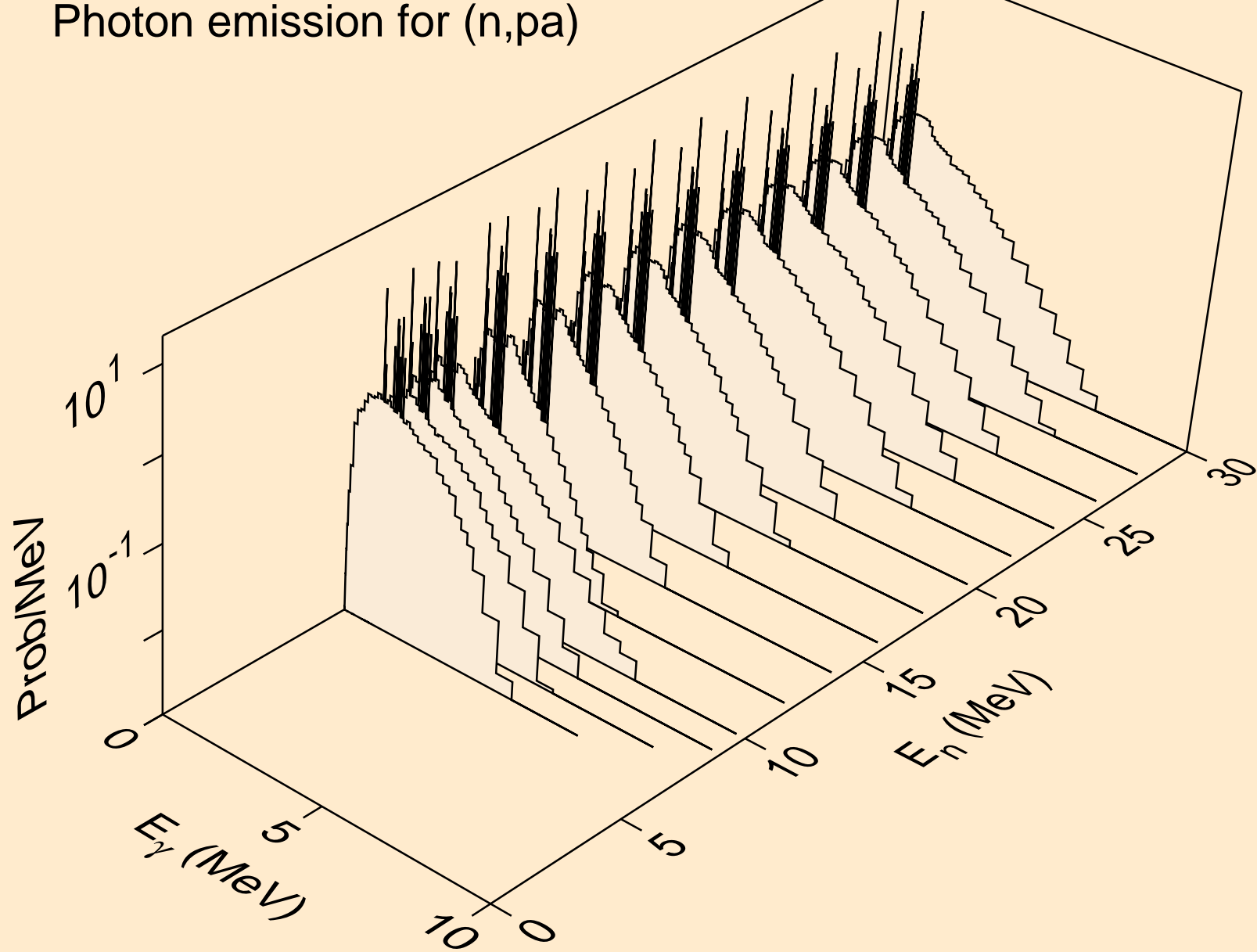
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



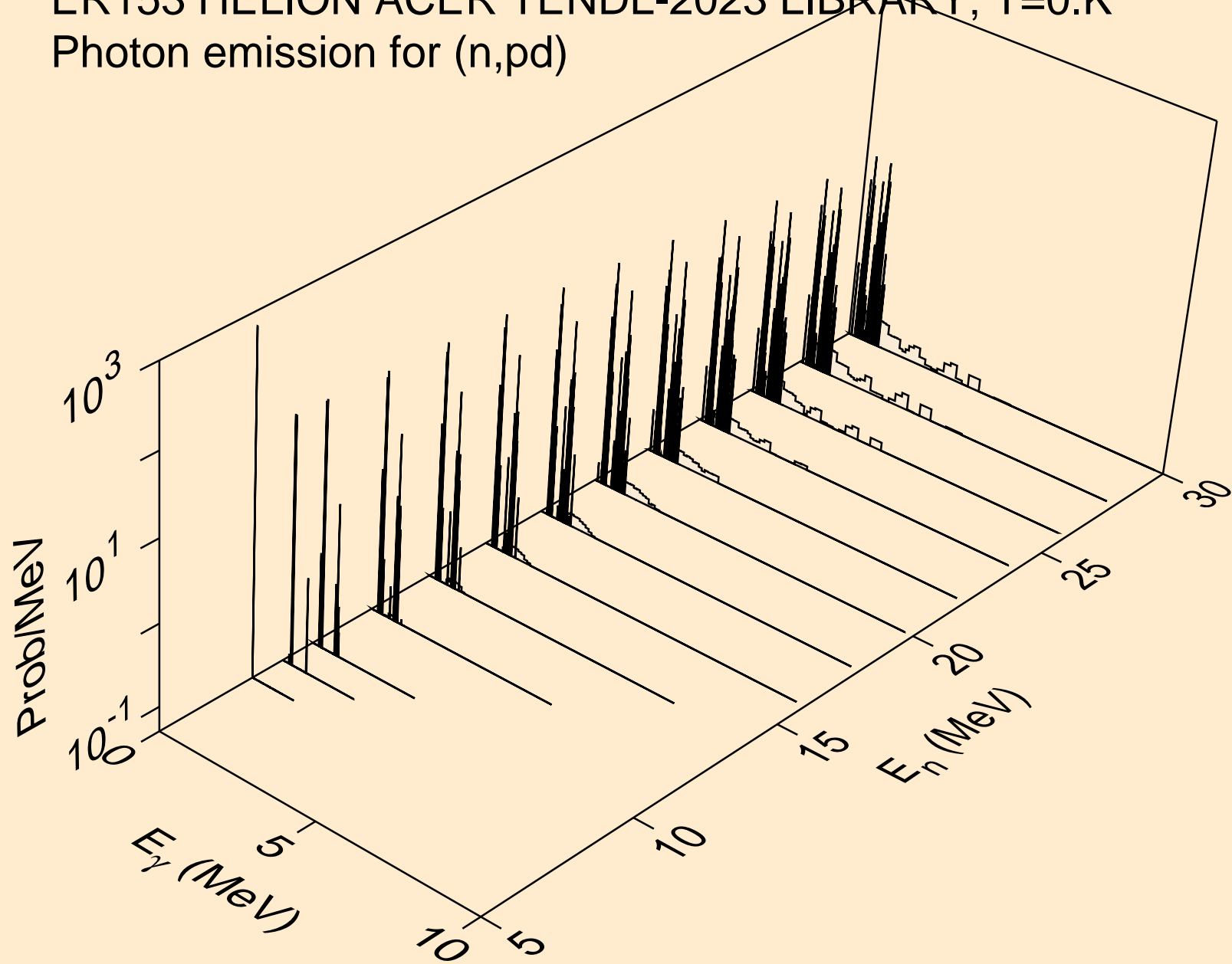
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



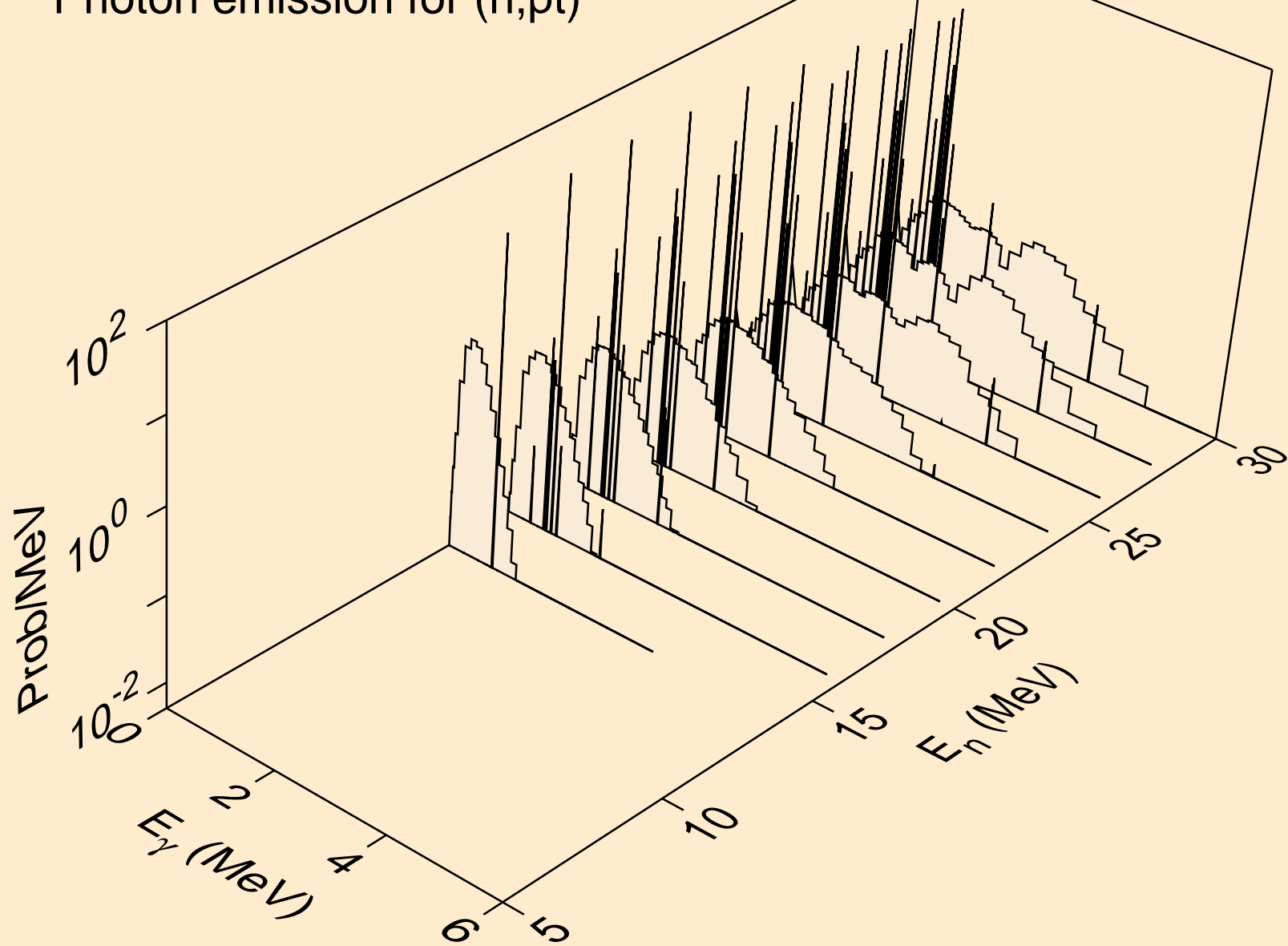
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



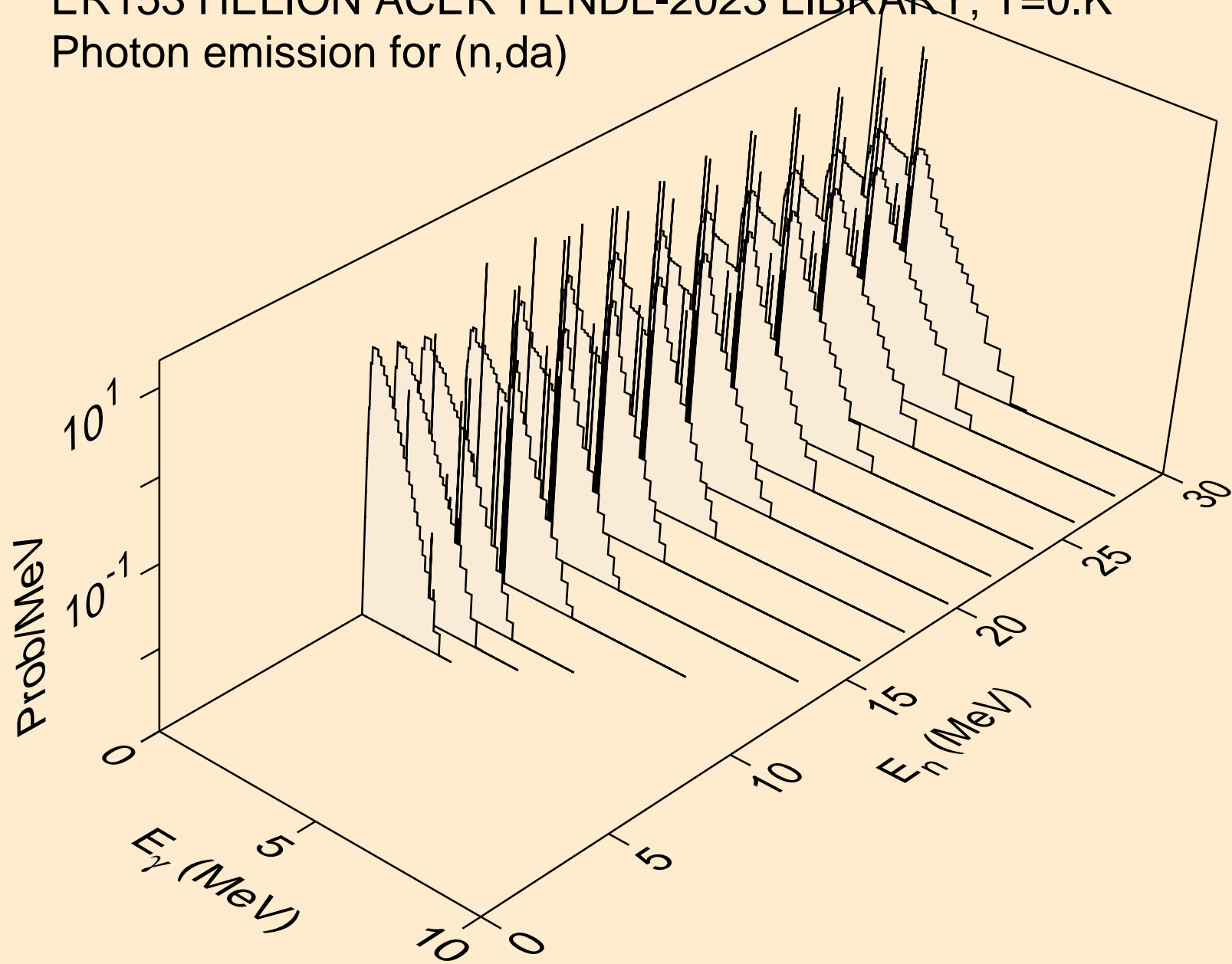
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



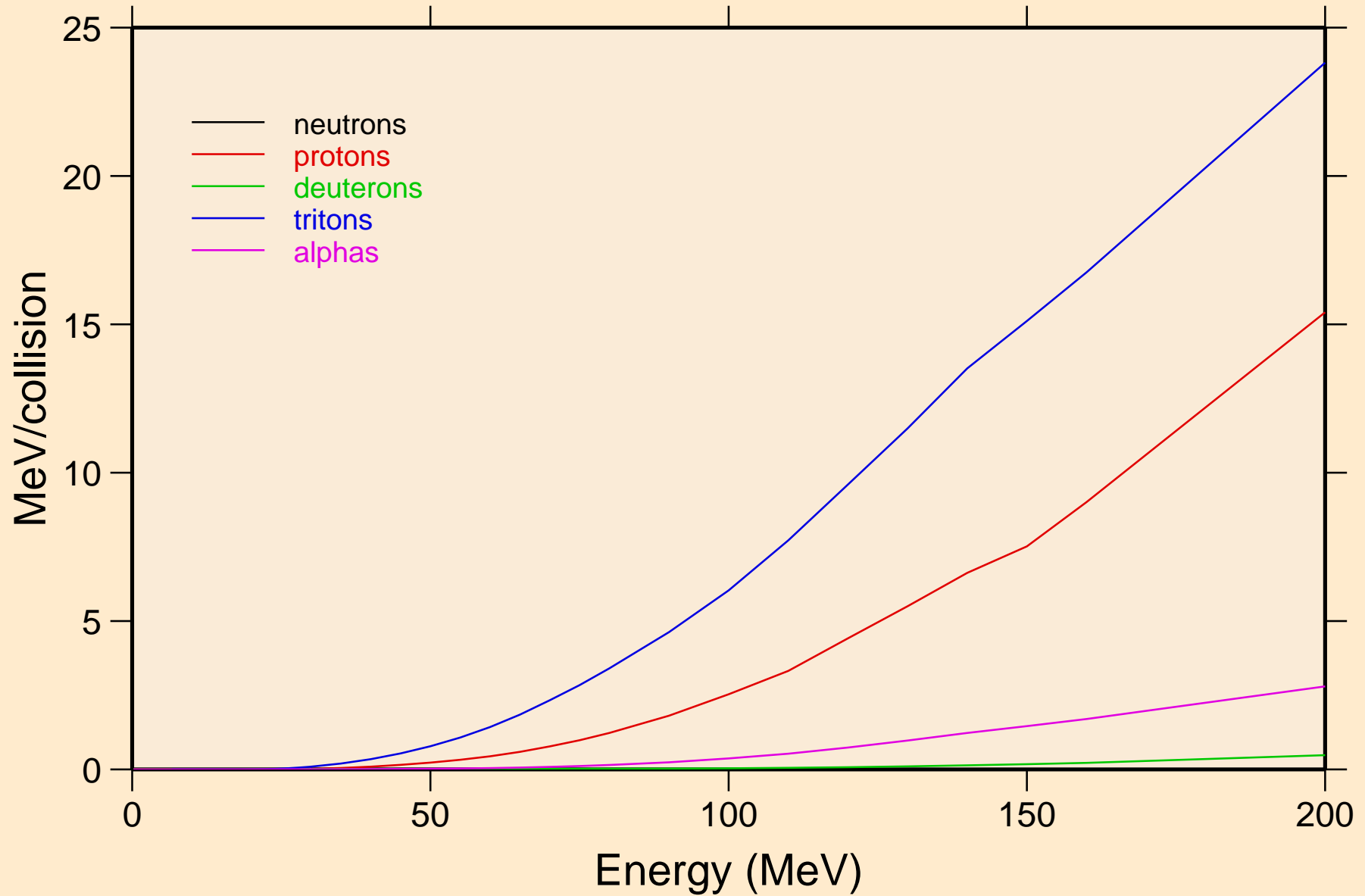
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

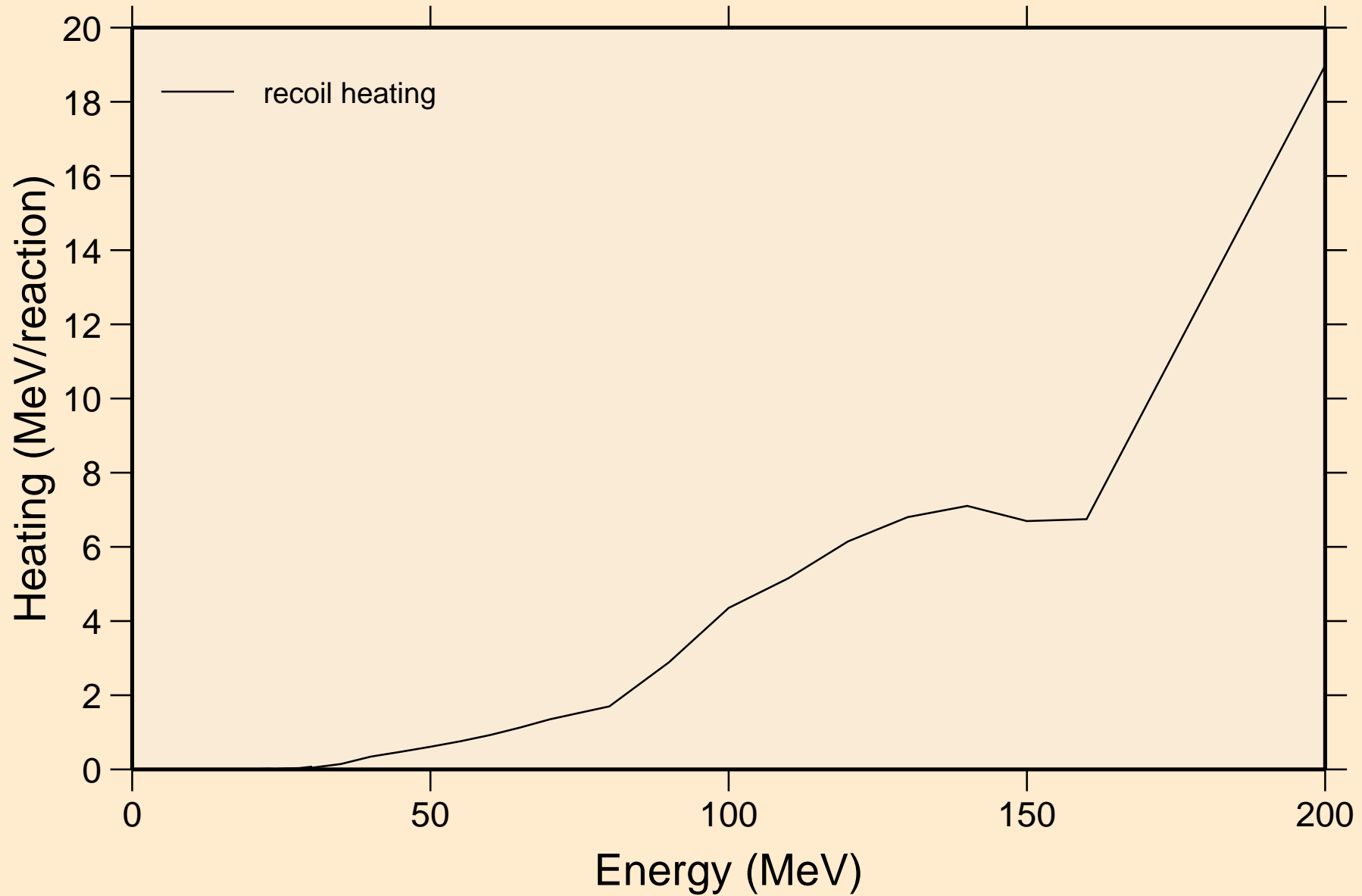


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



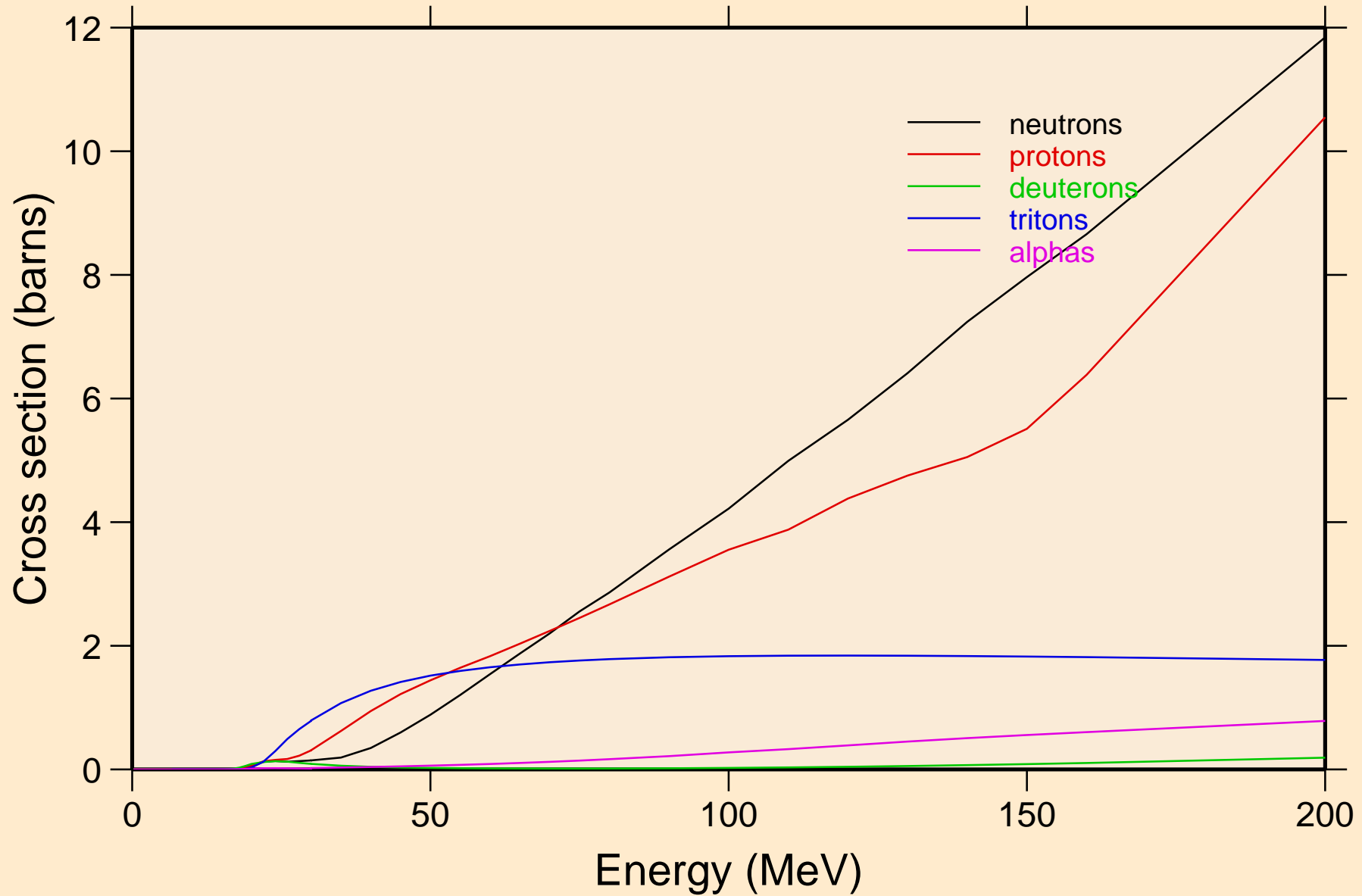
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

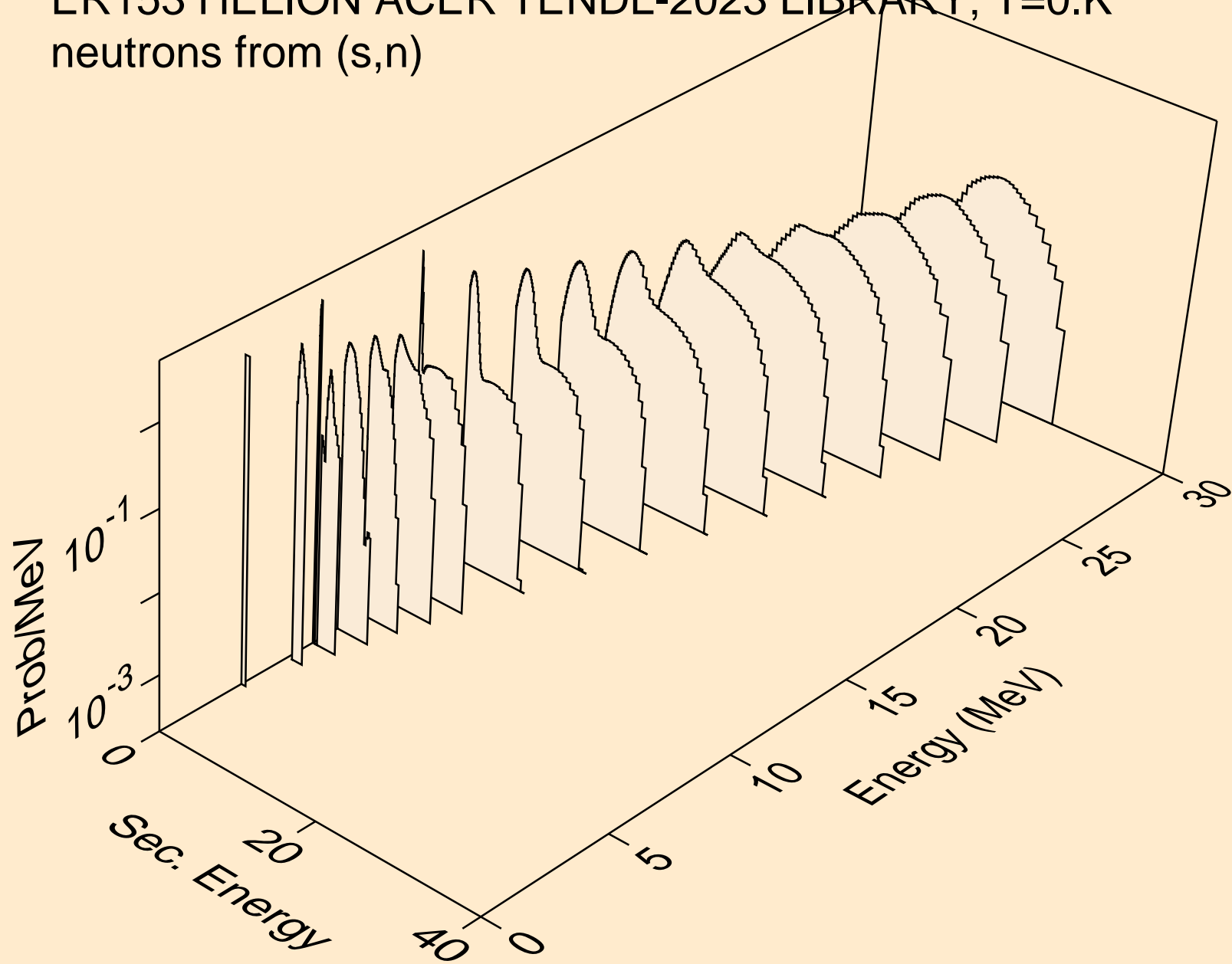




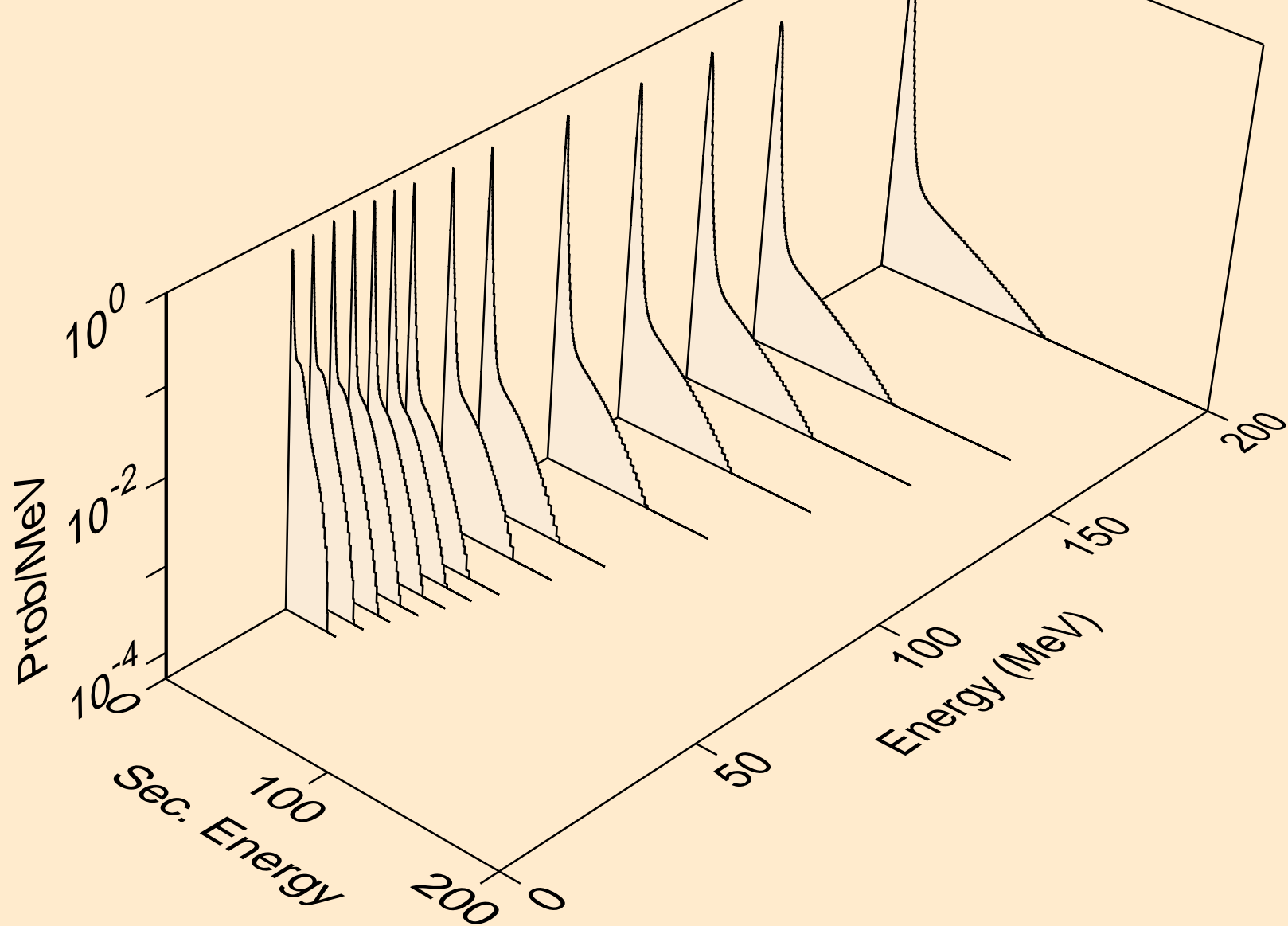
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



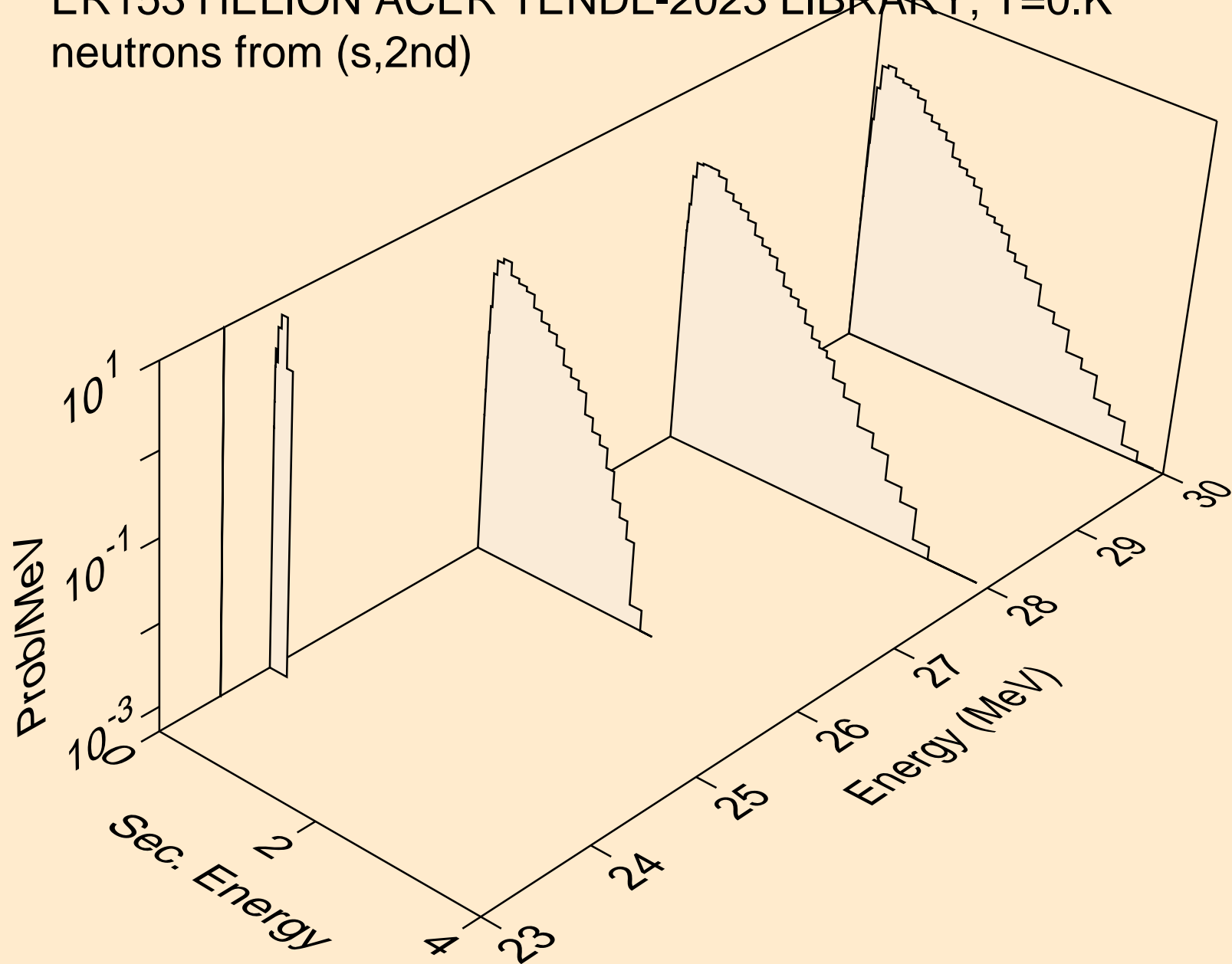
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



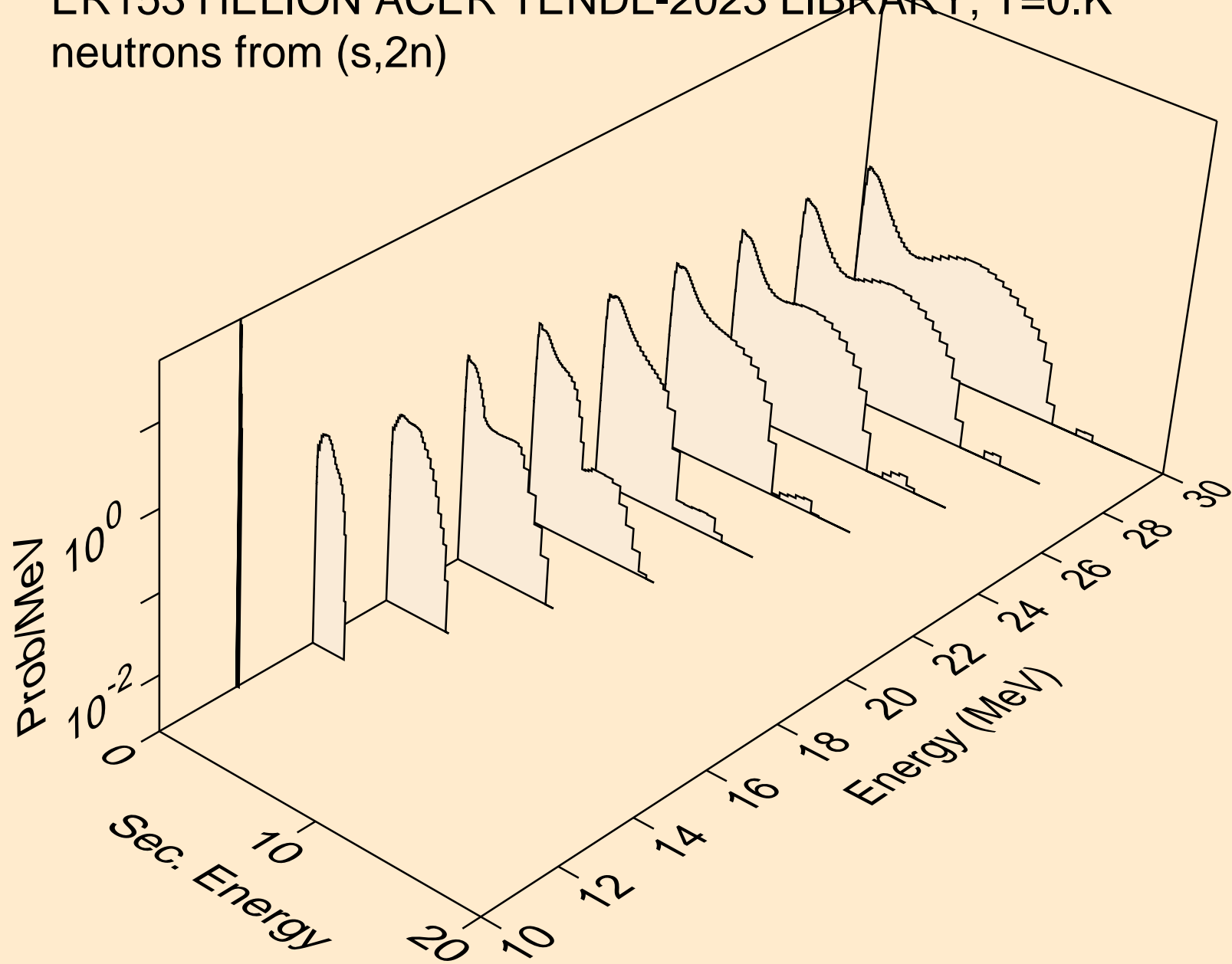
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



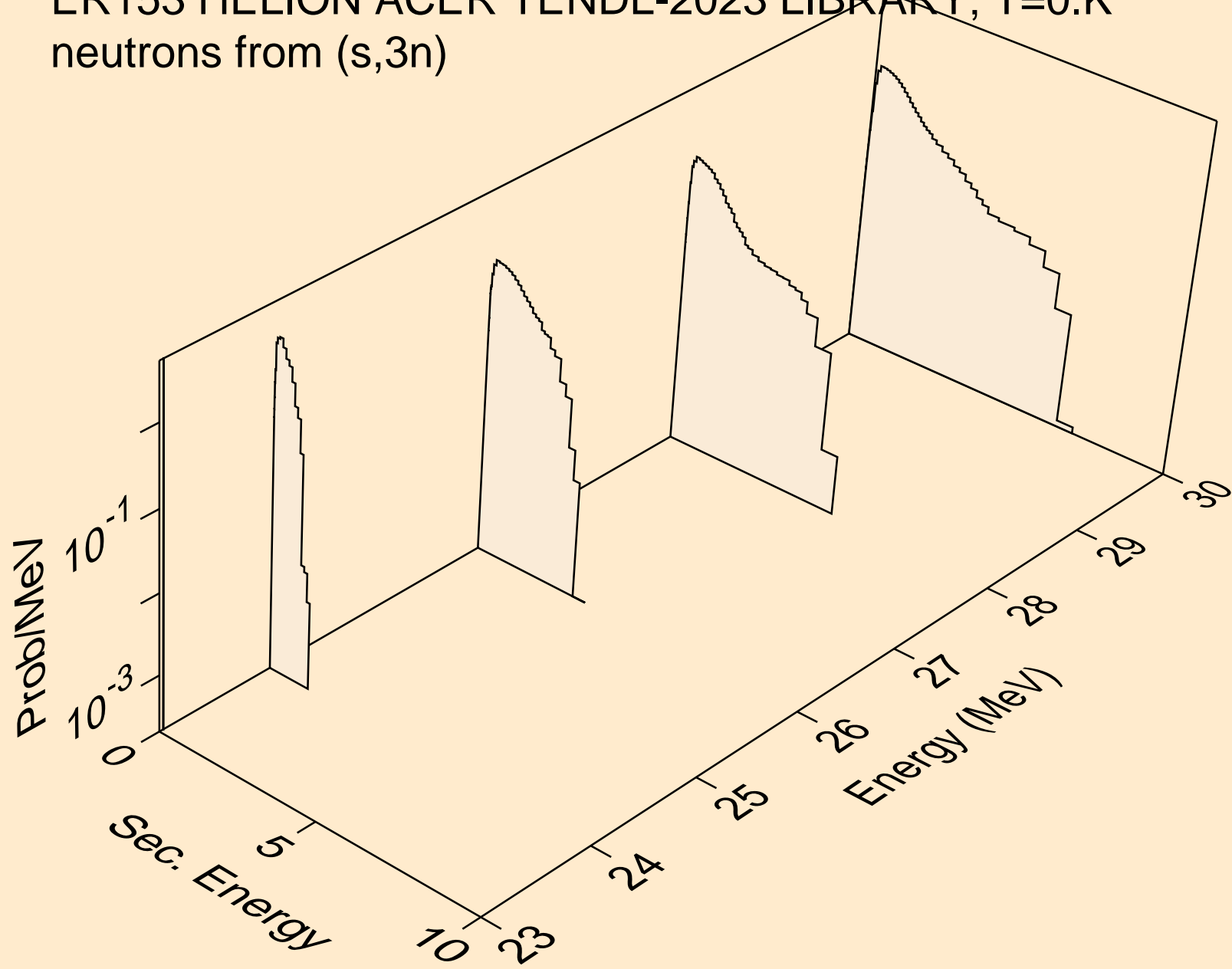
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



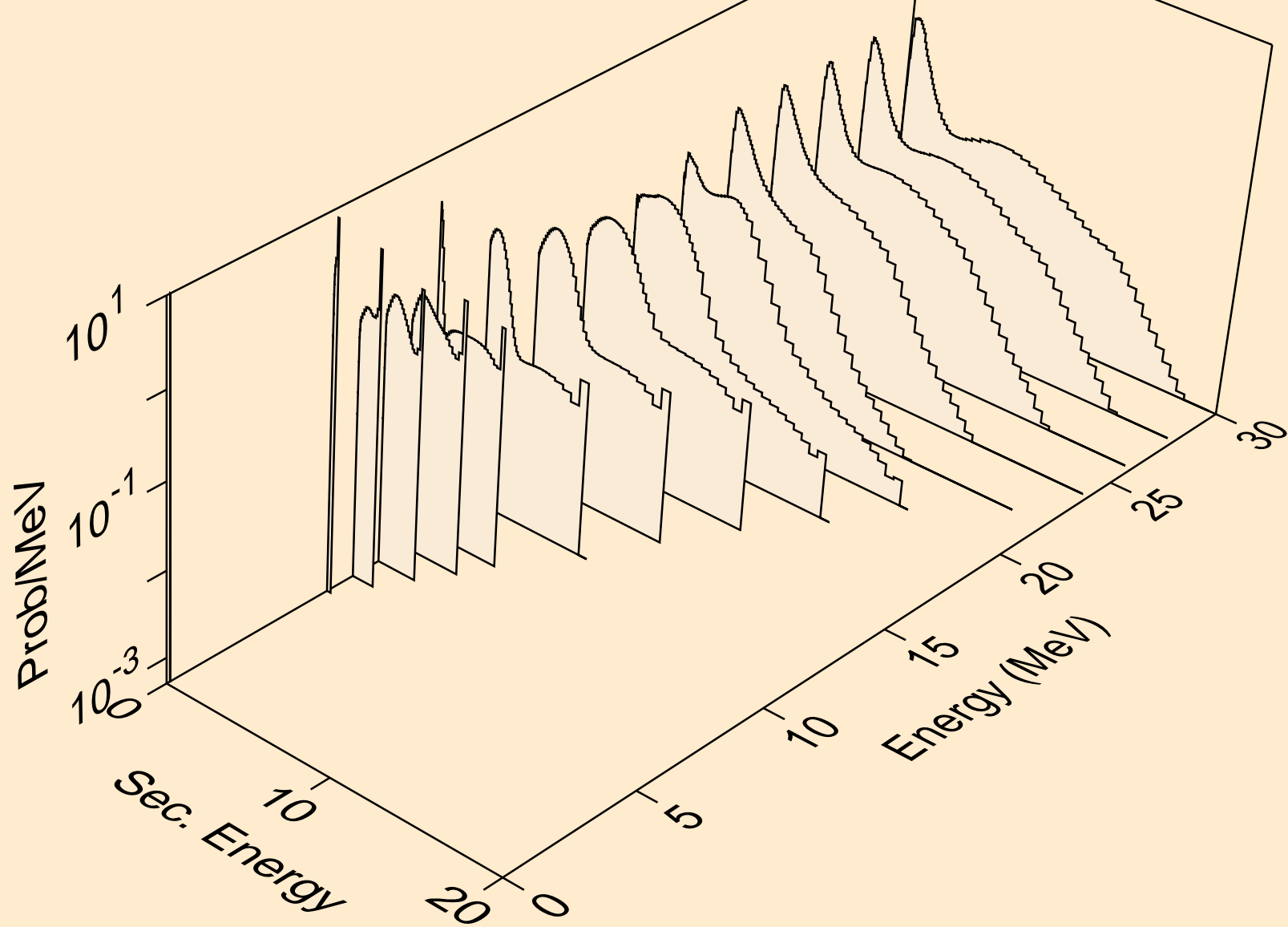
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



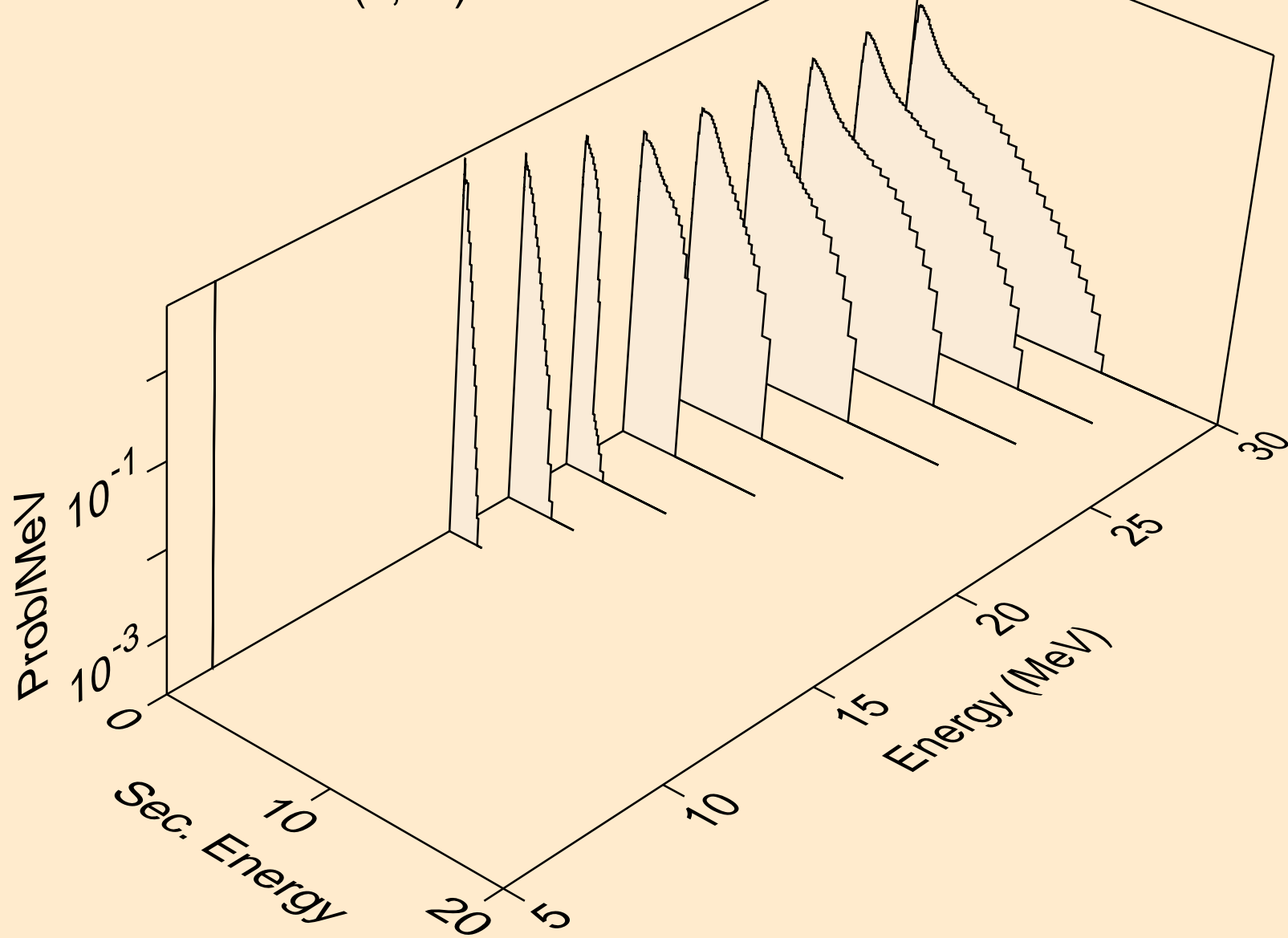
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

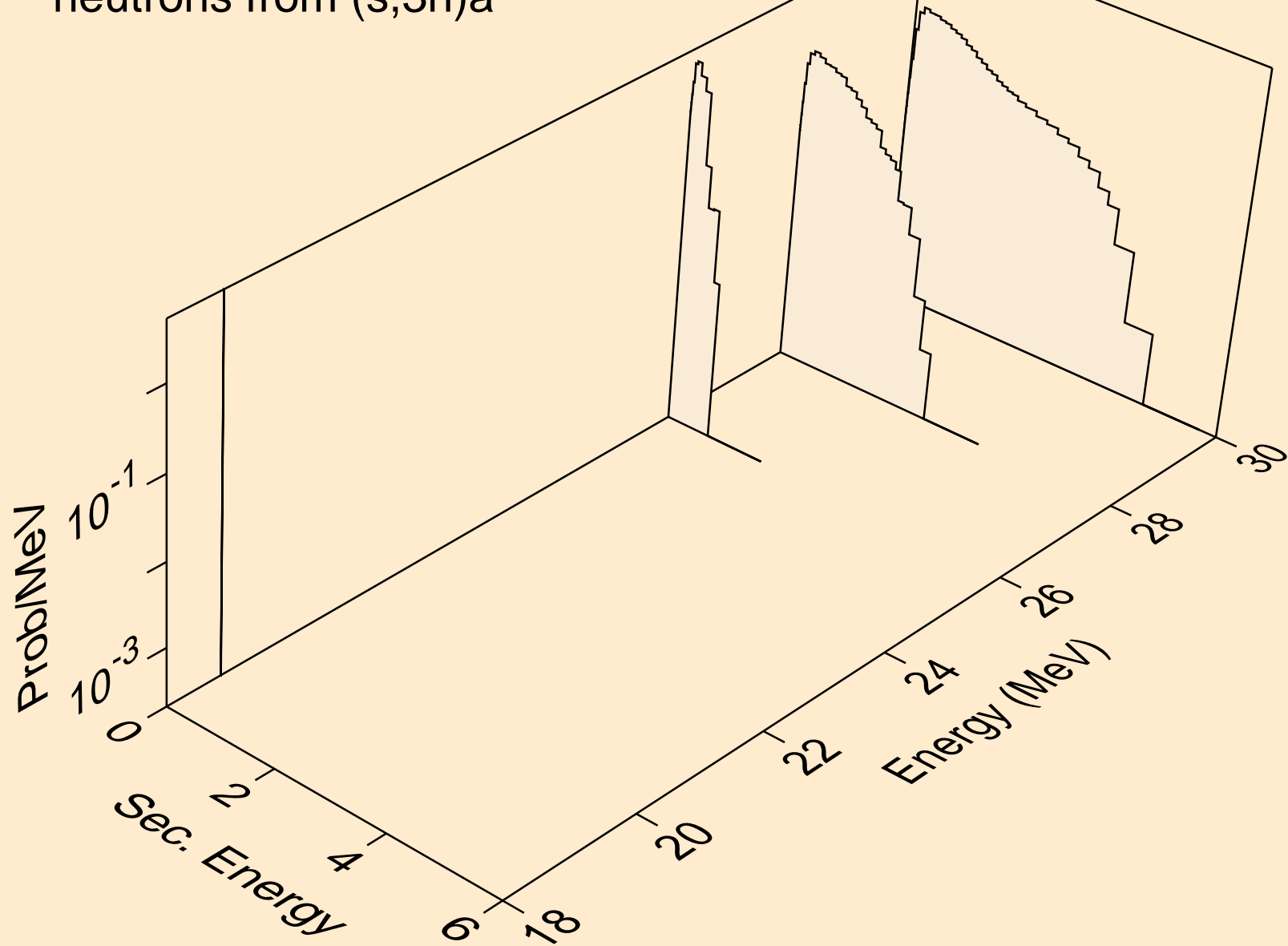


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

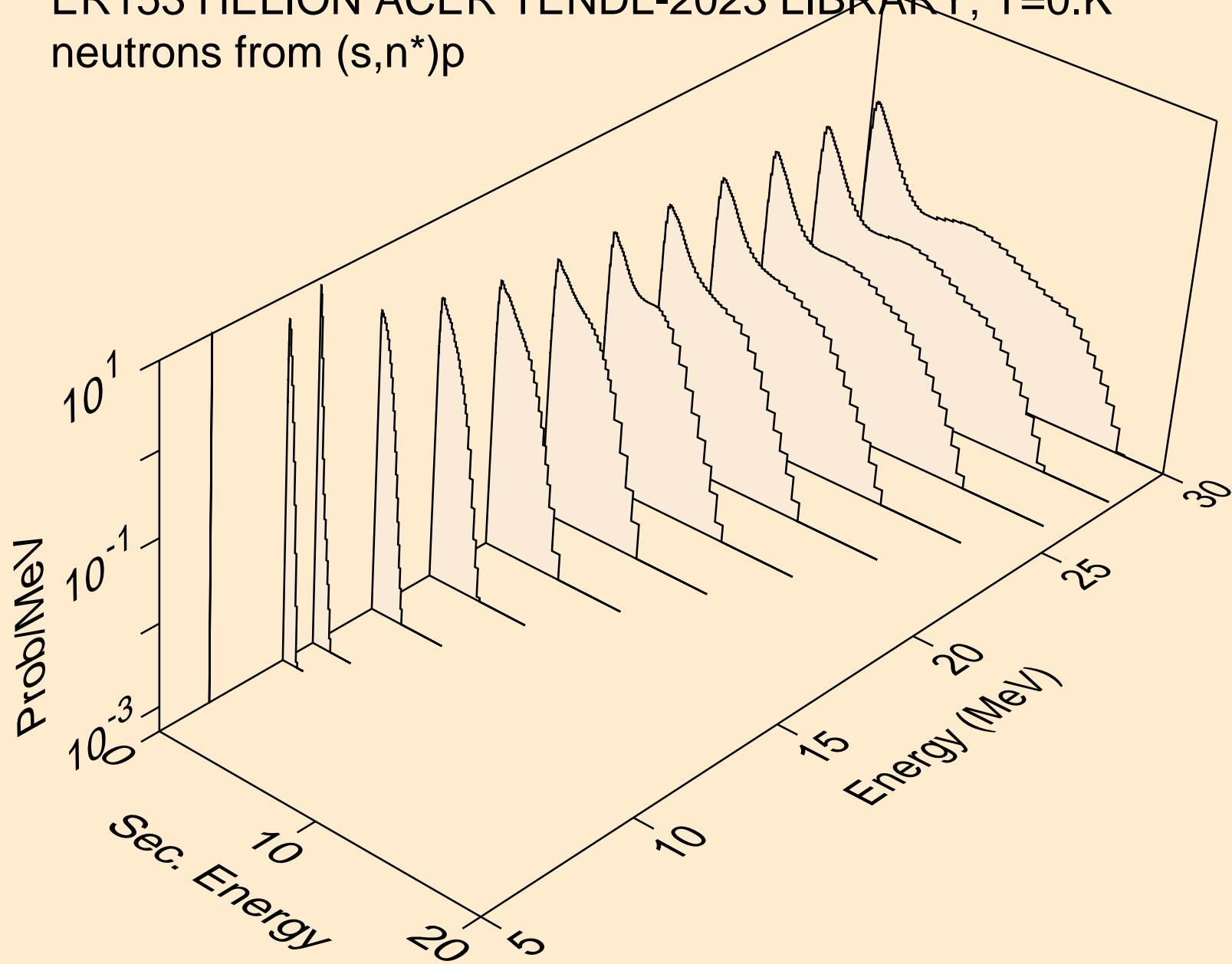




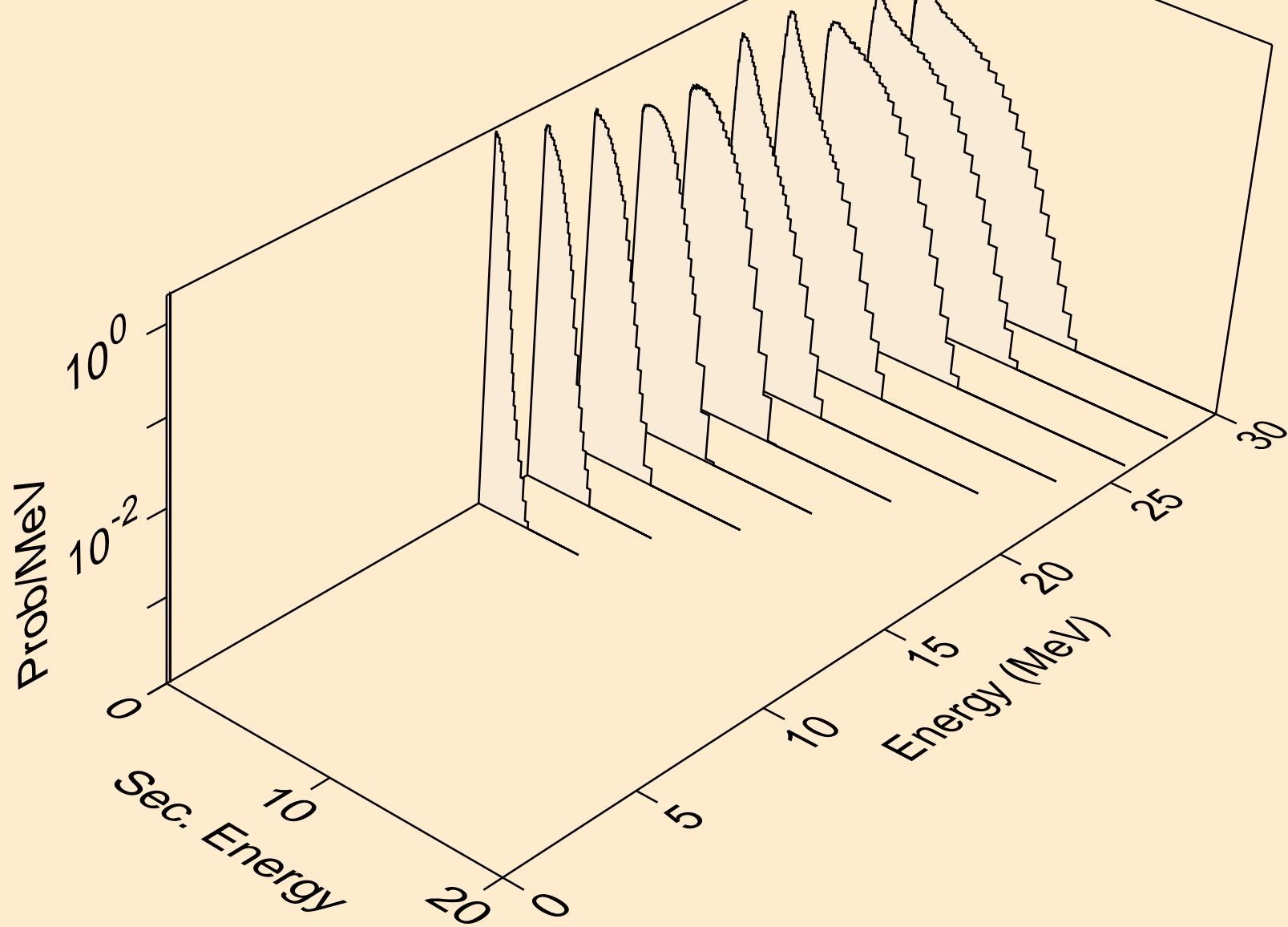
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



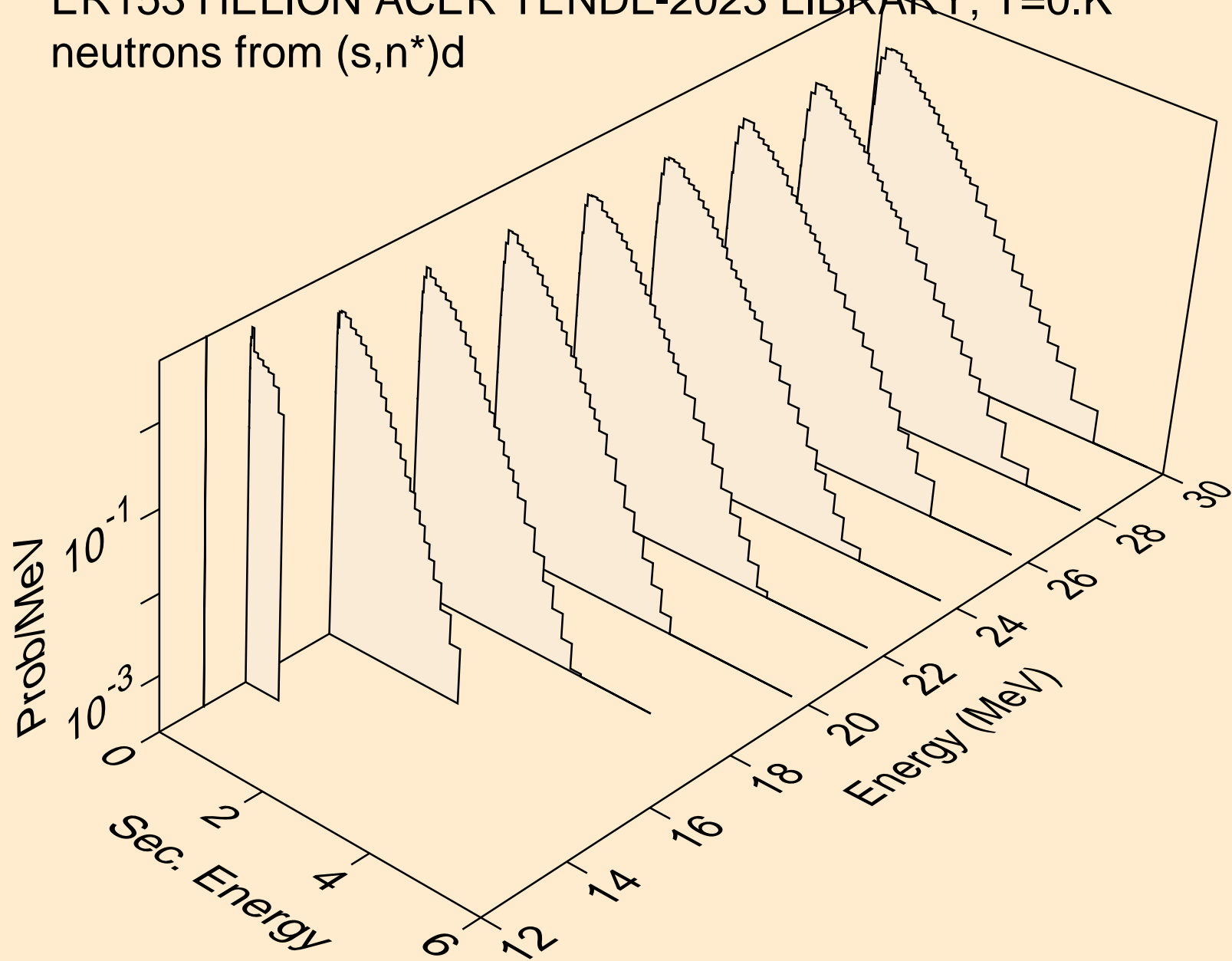
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



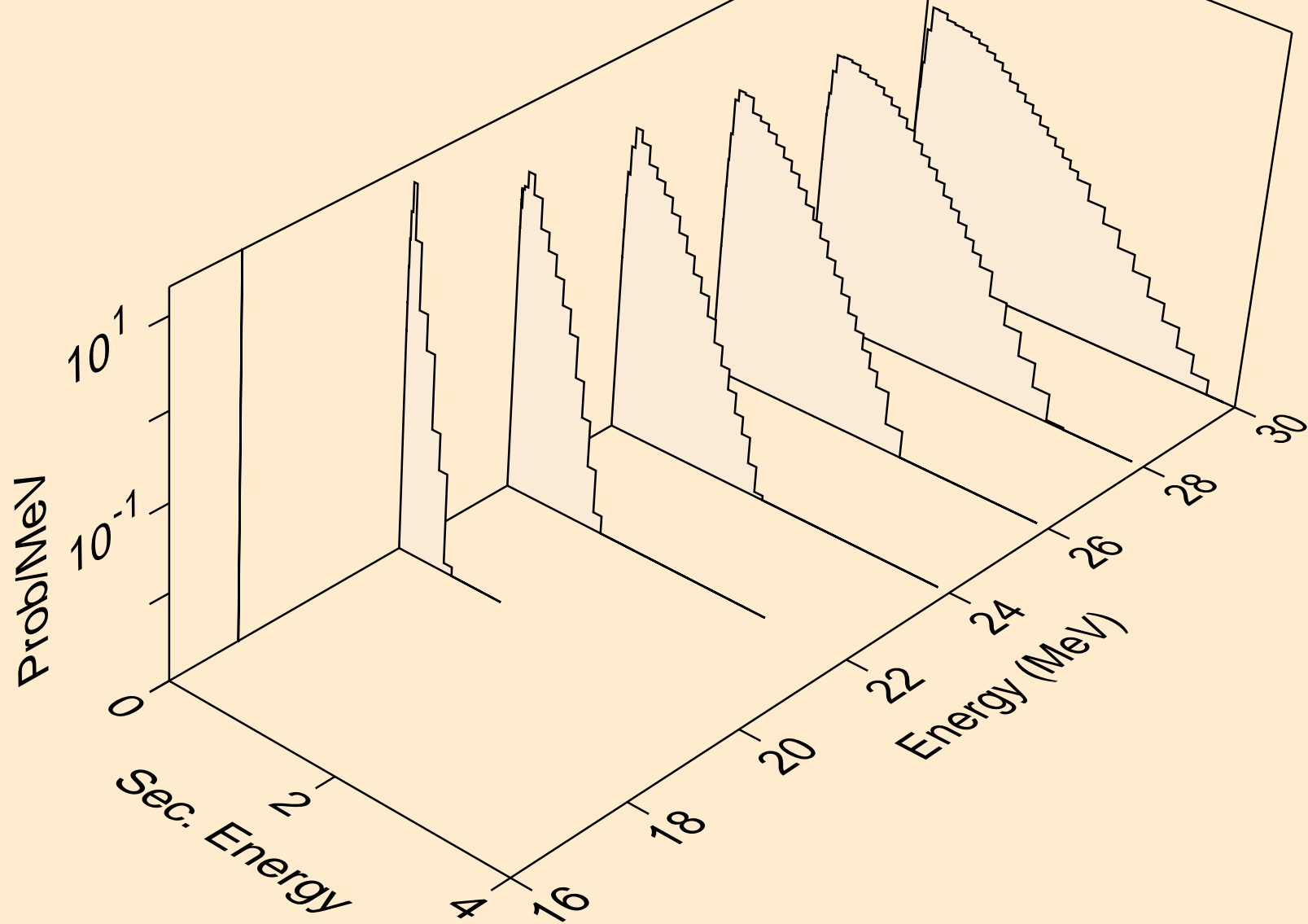
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



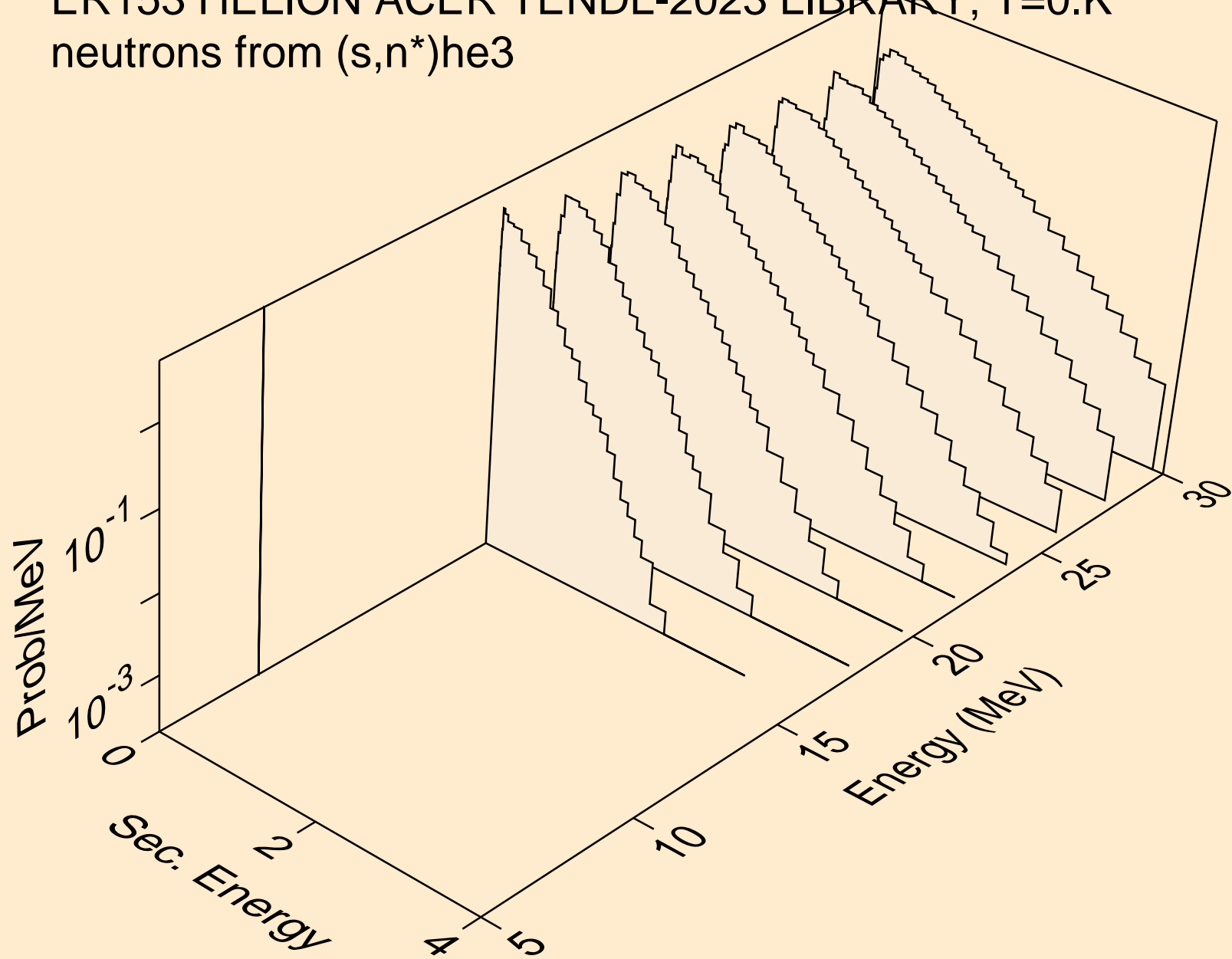
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



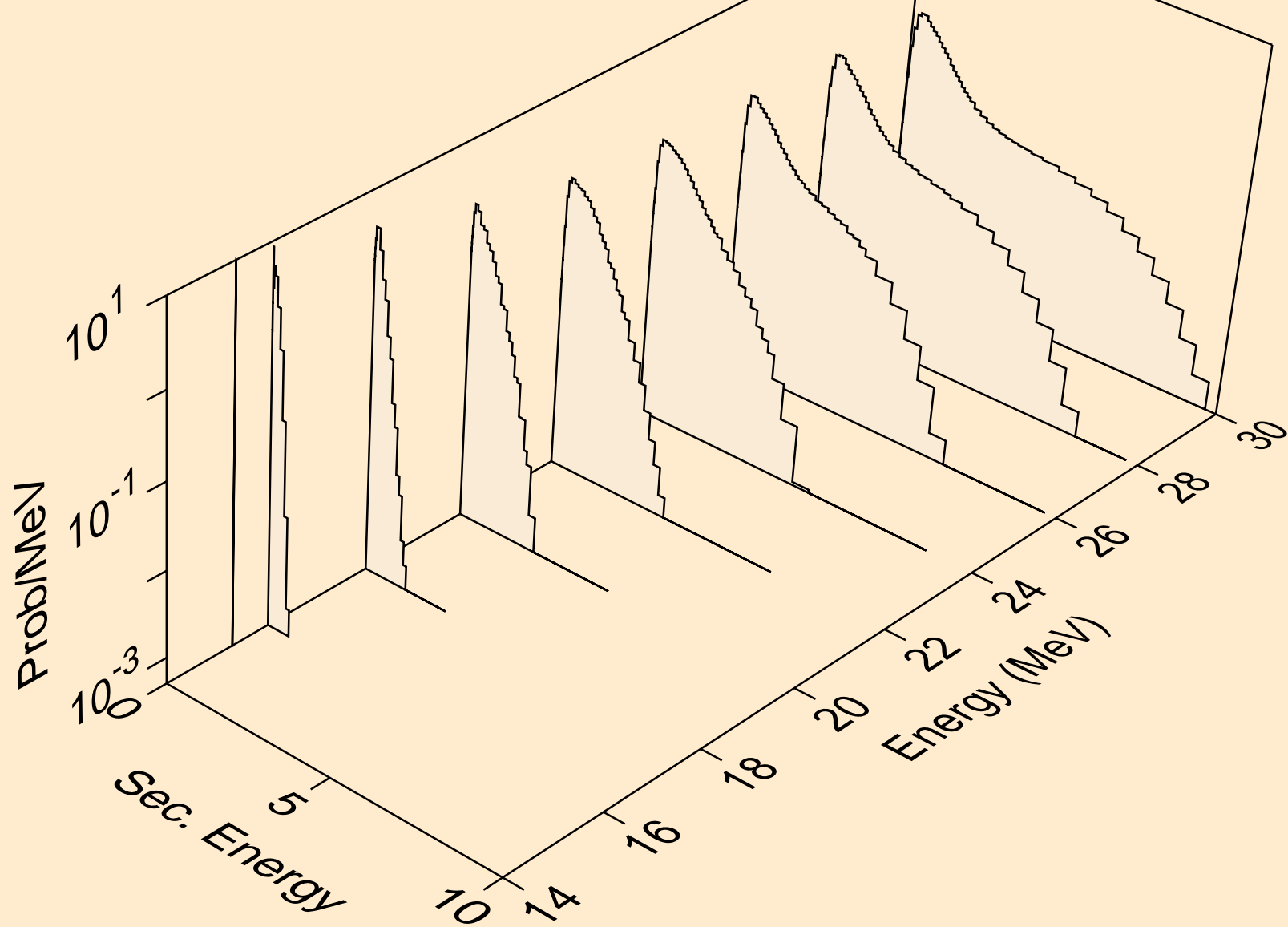
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



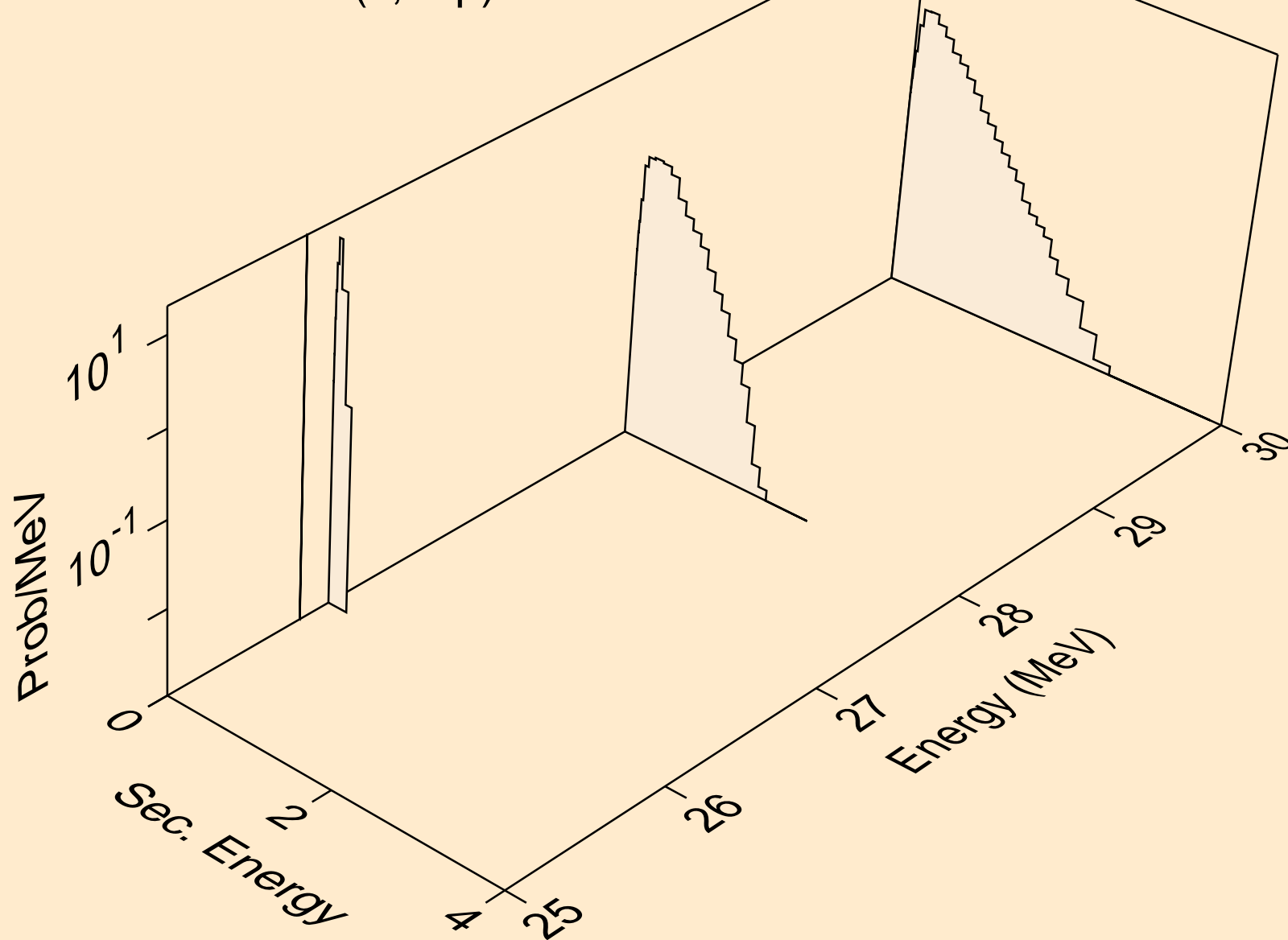
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

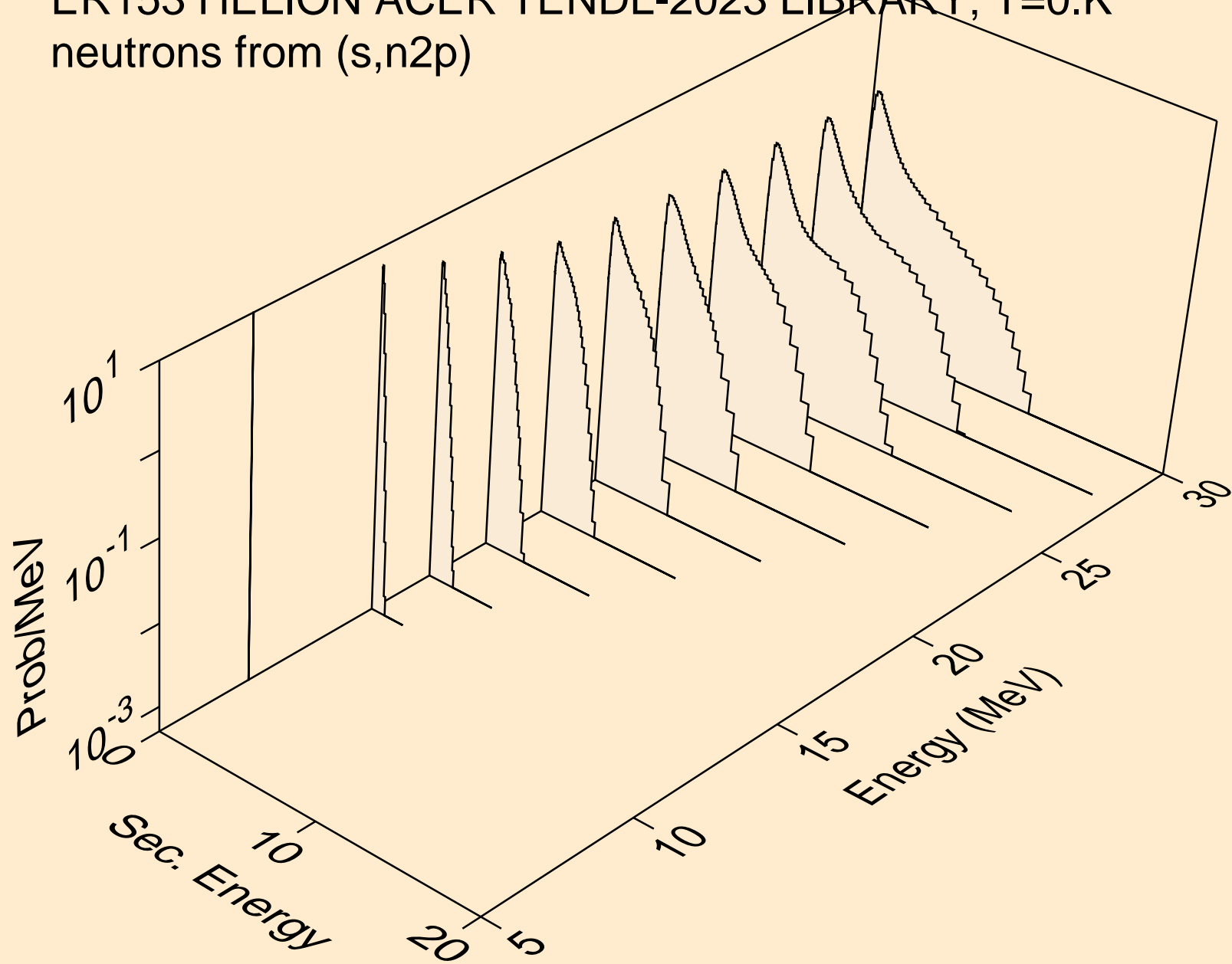


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)

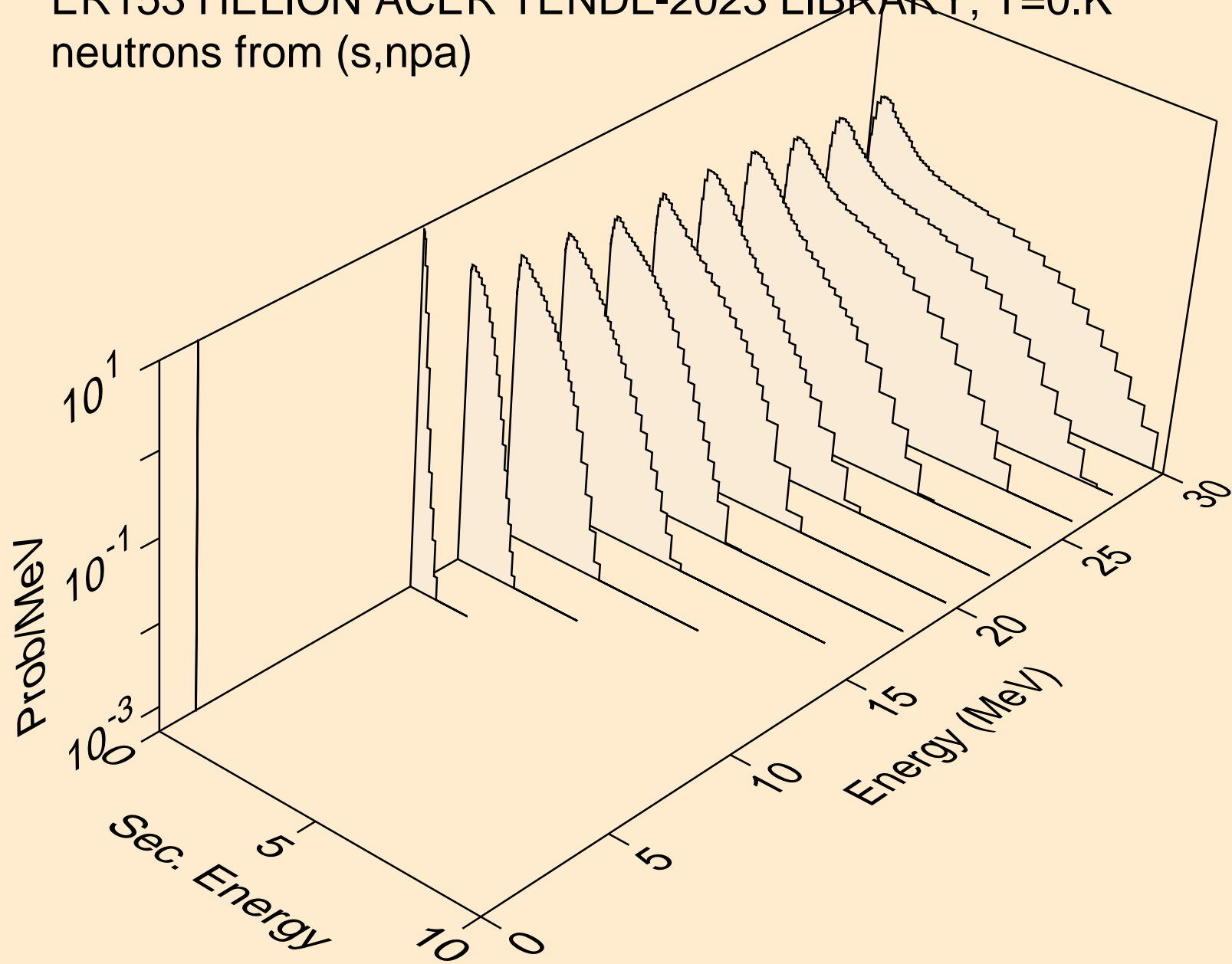




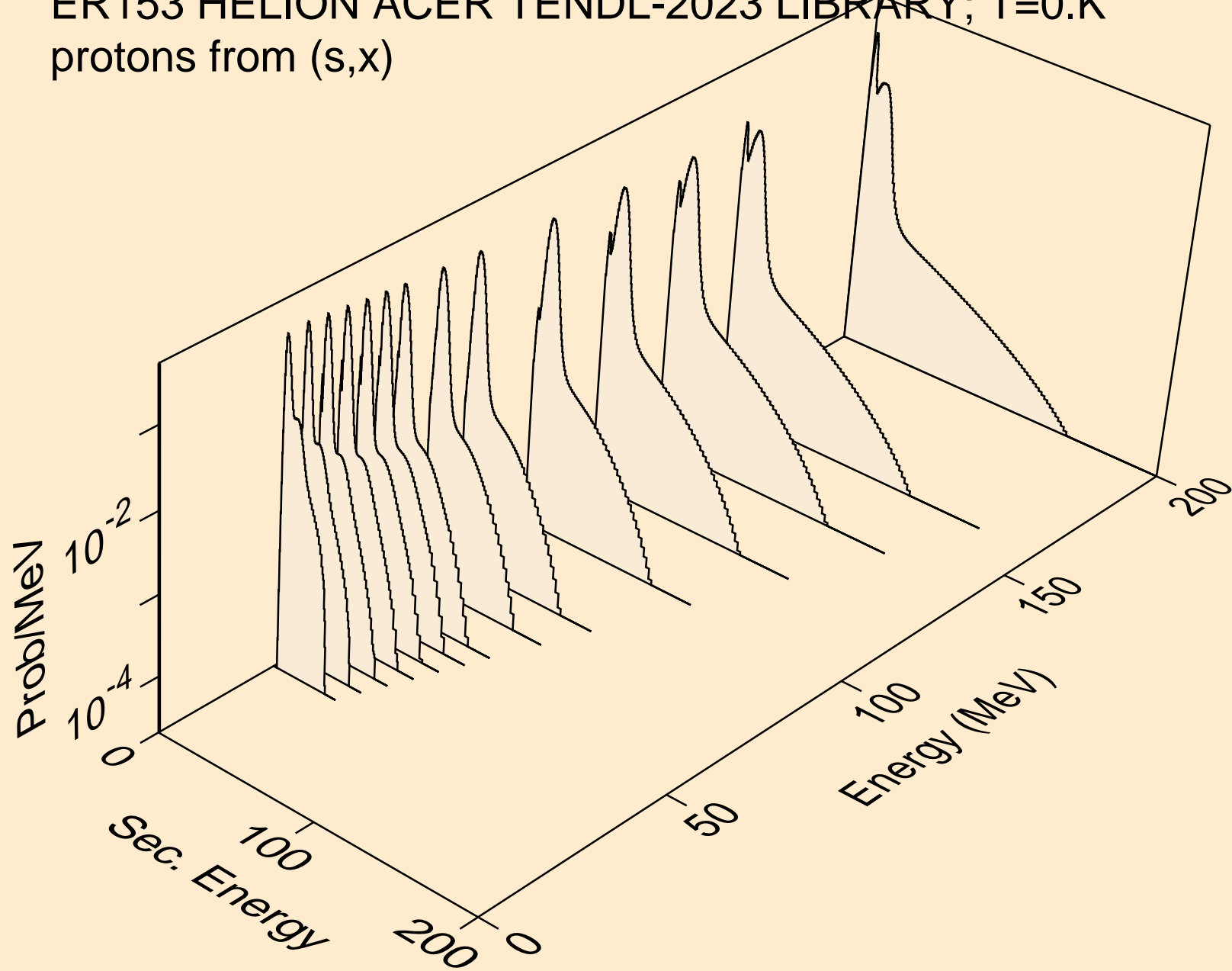
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



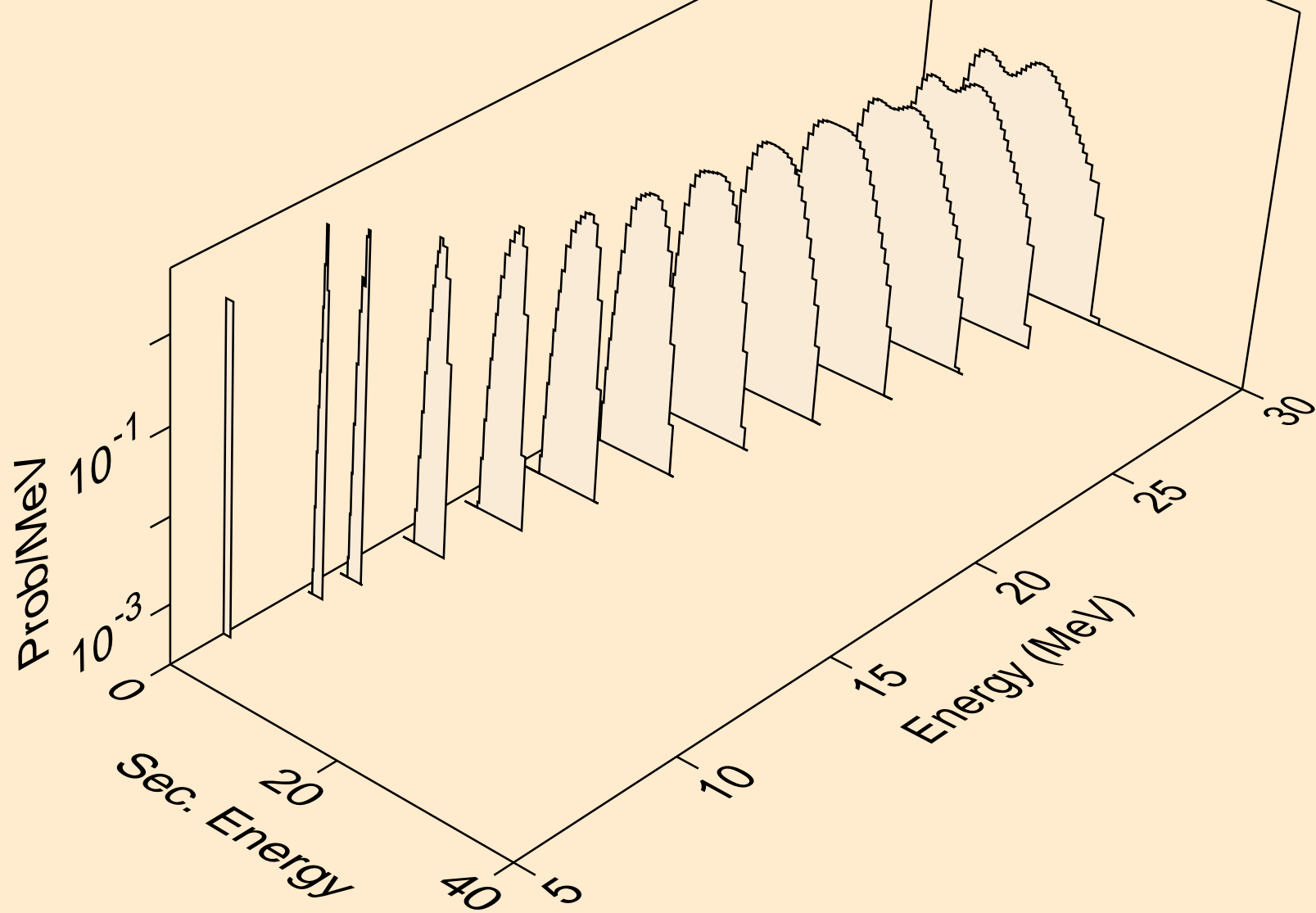
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



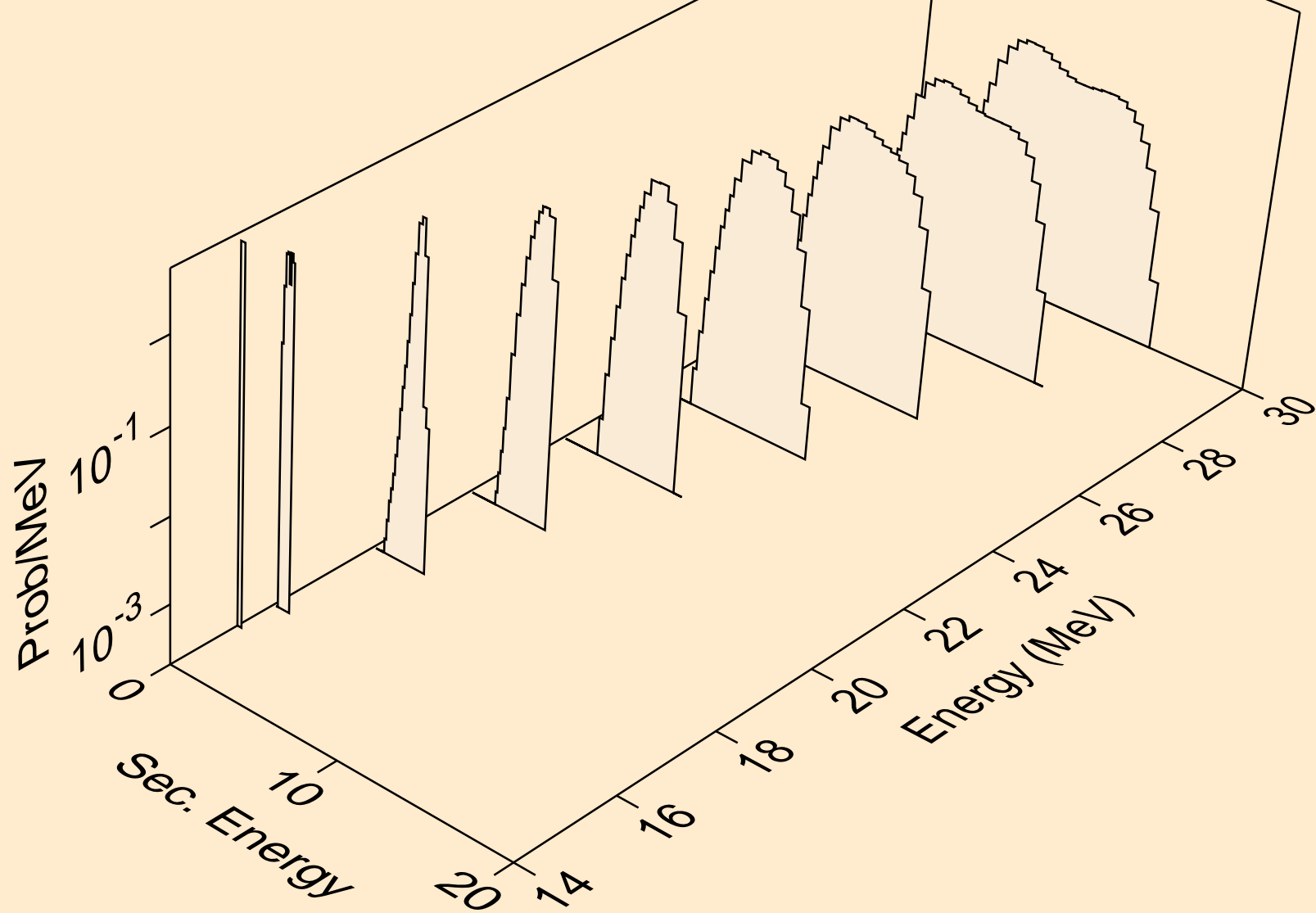
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



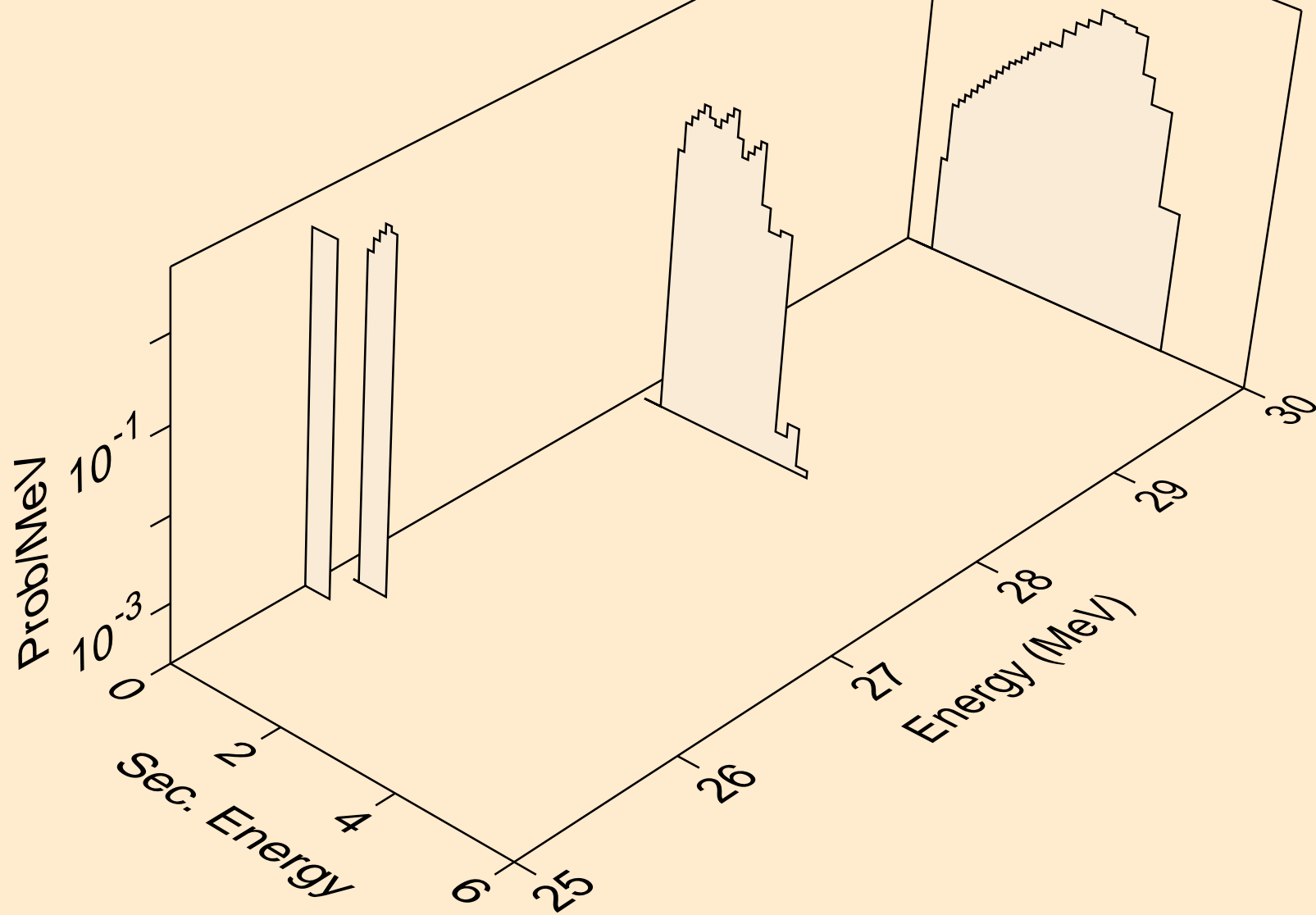
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



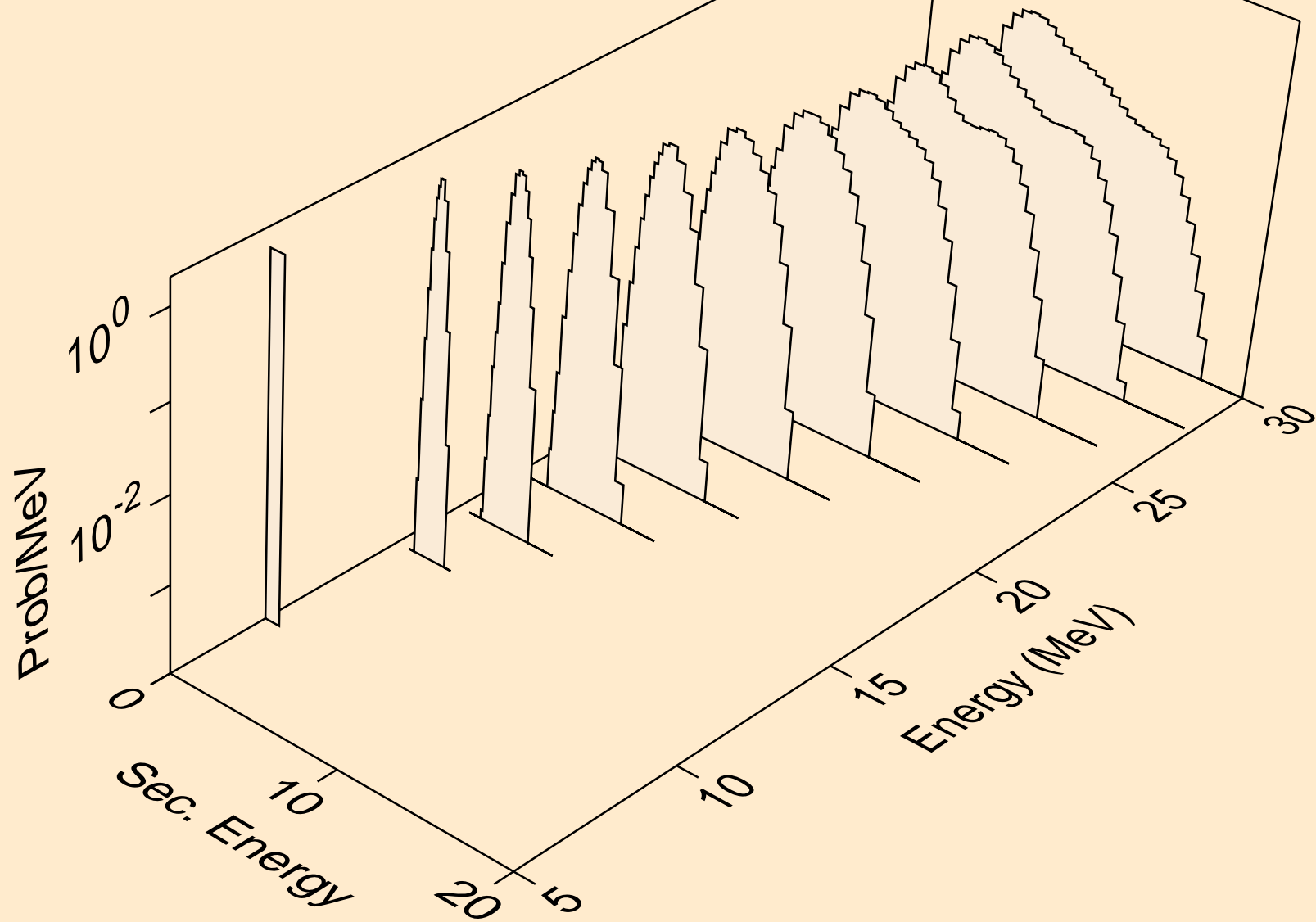
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



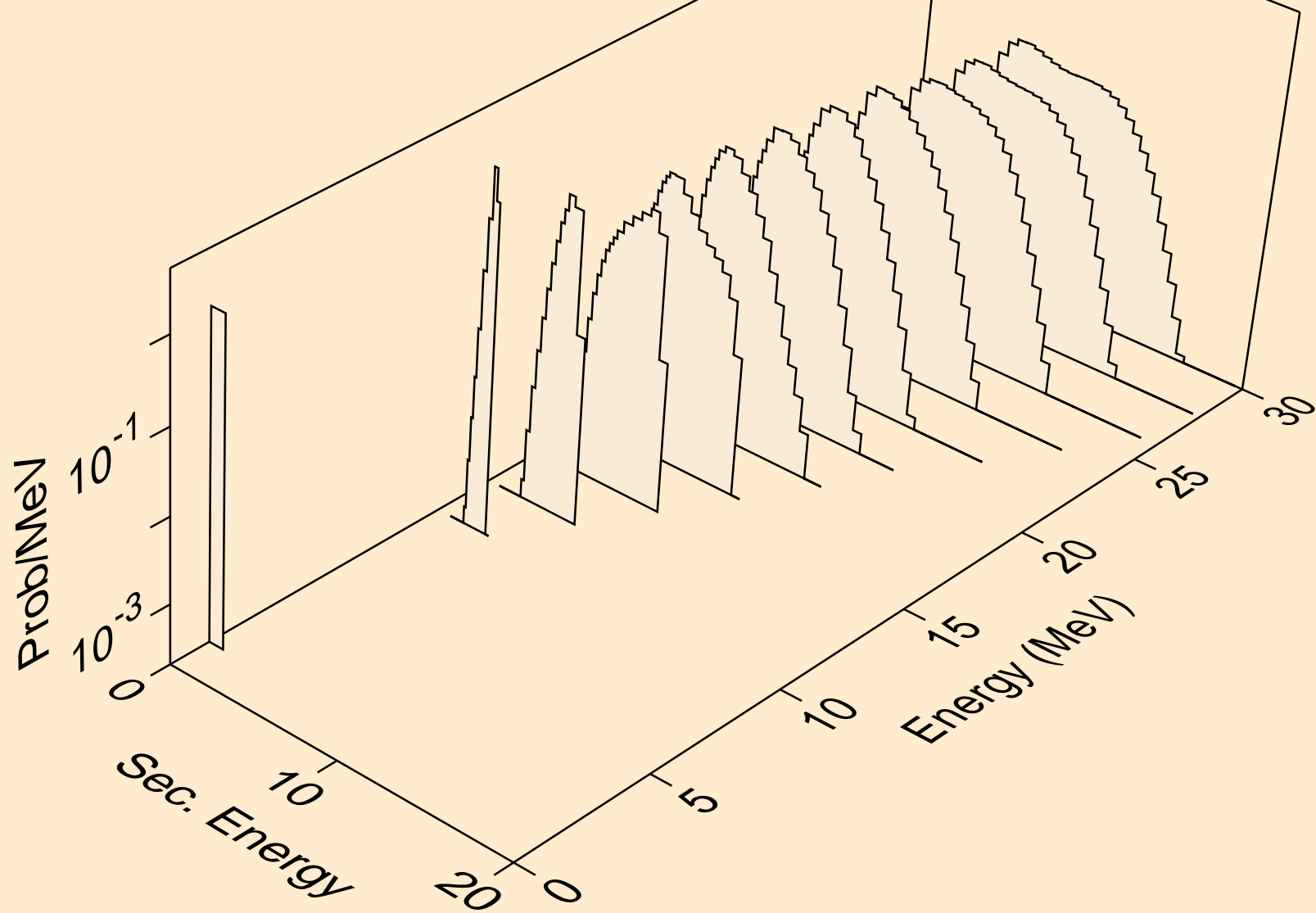
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

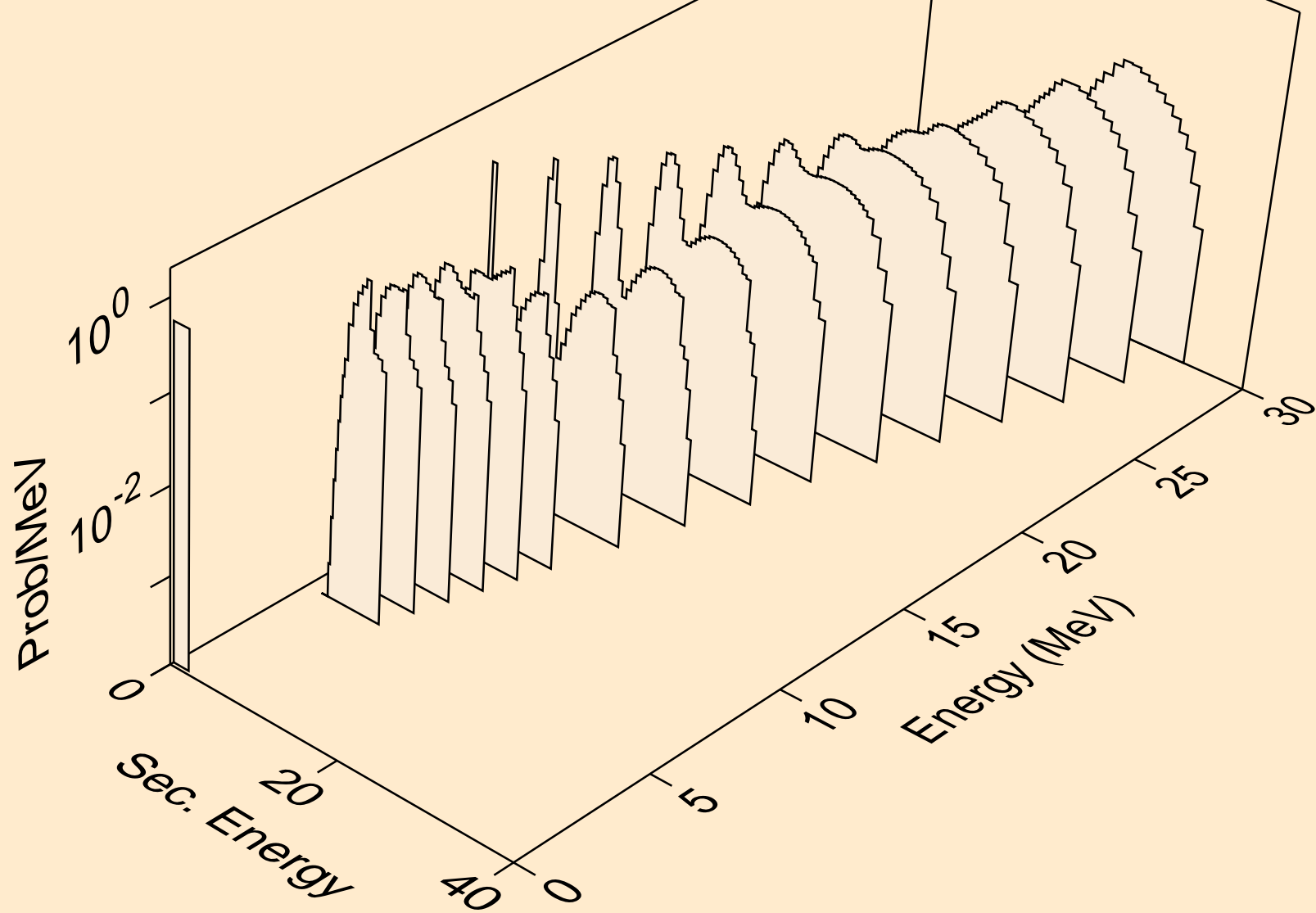


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

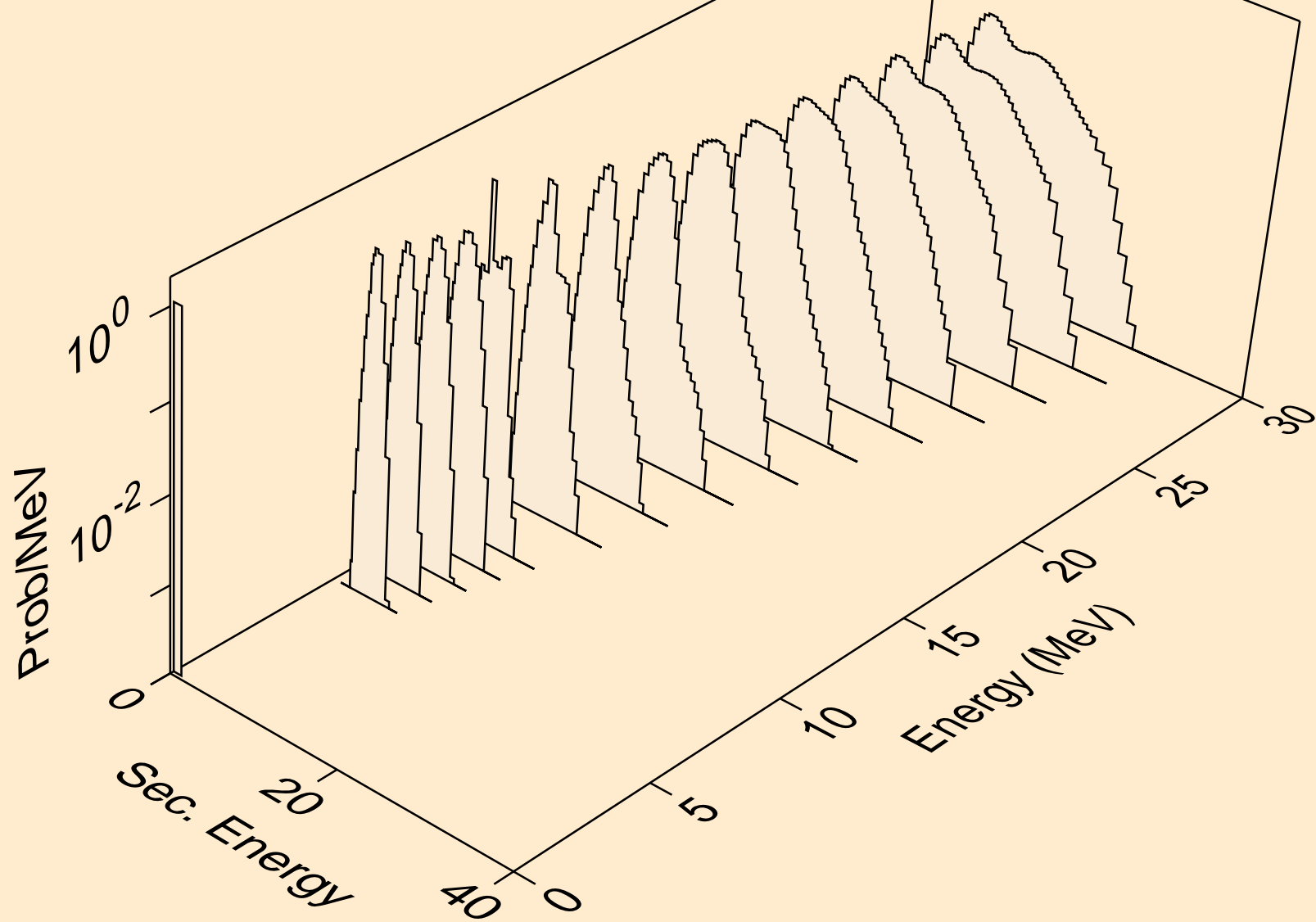




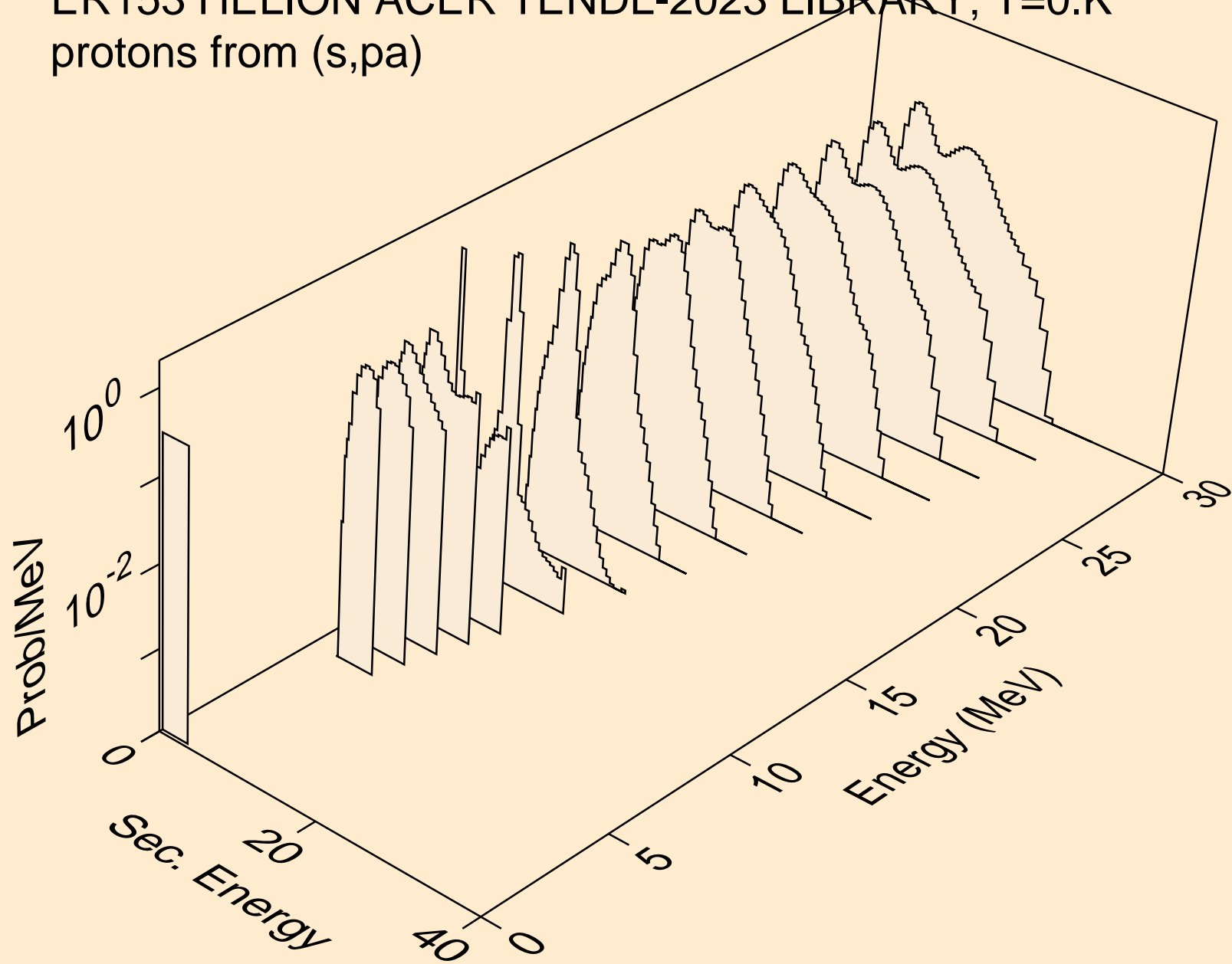
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



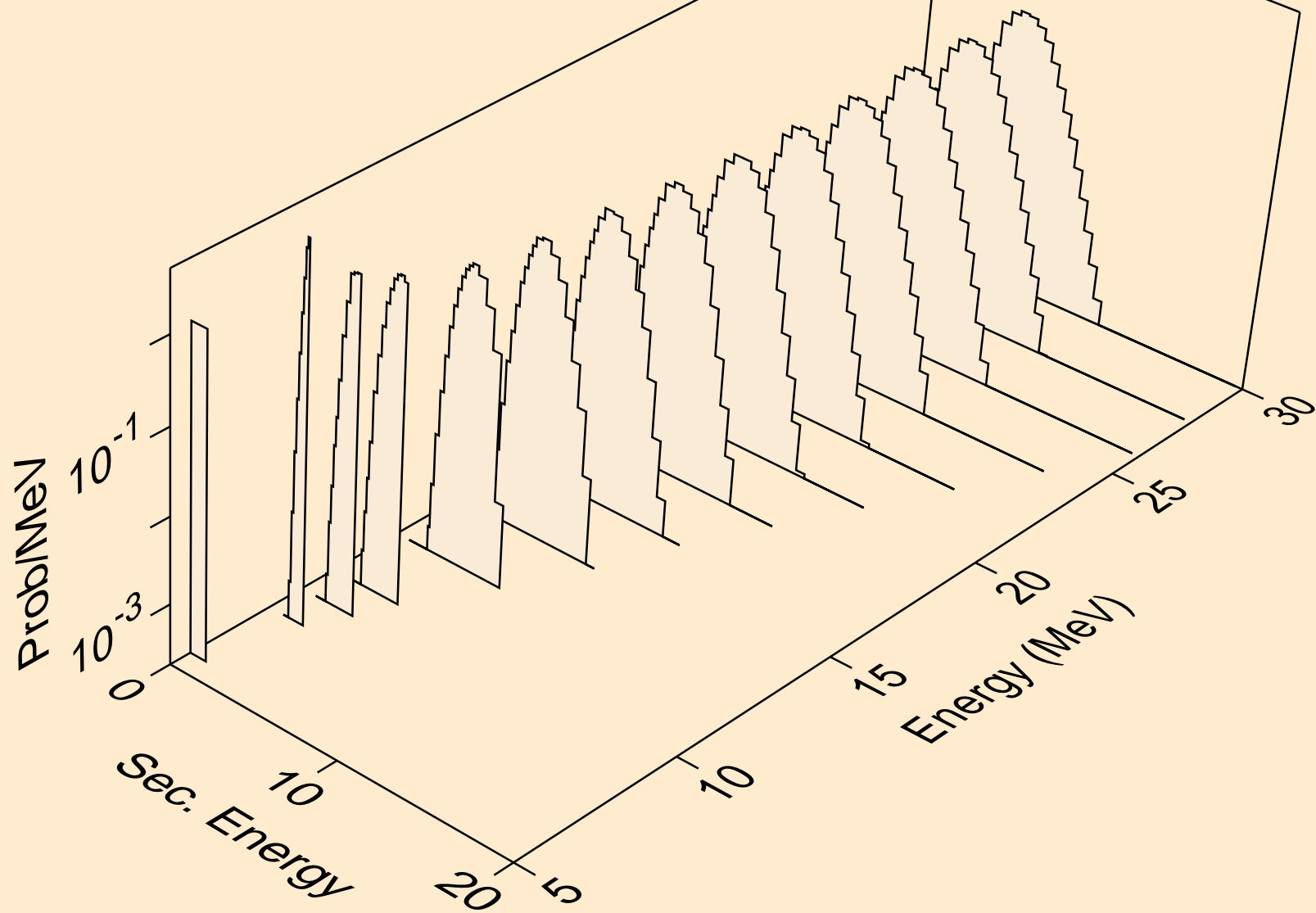
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



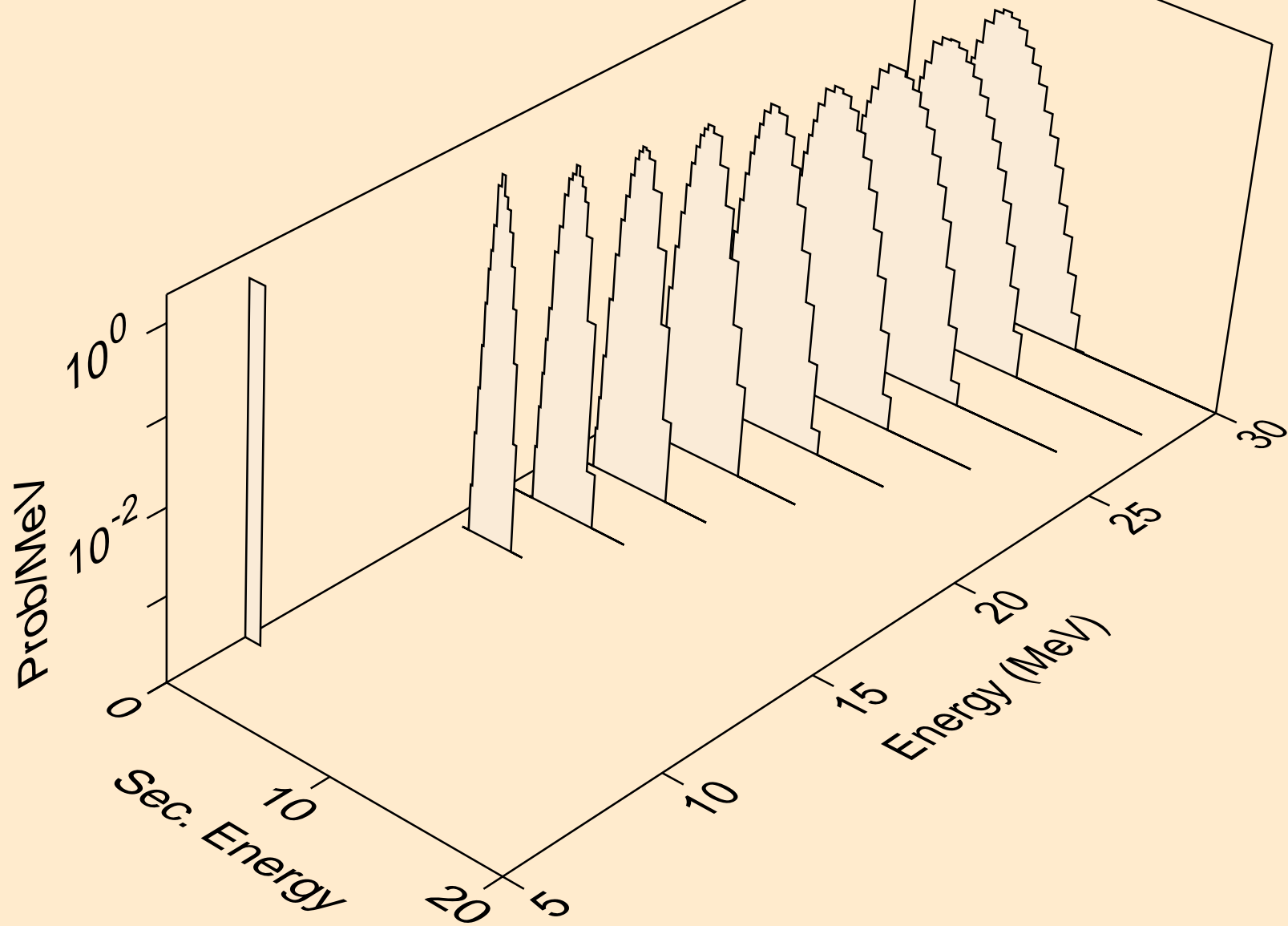
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



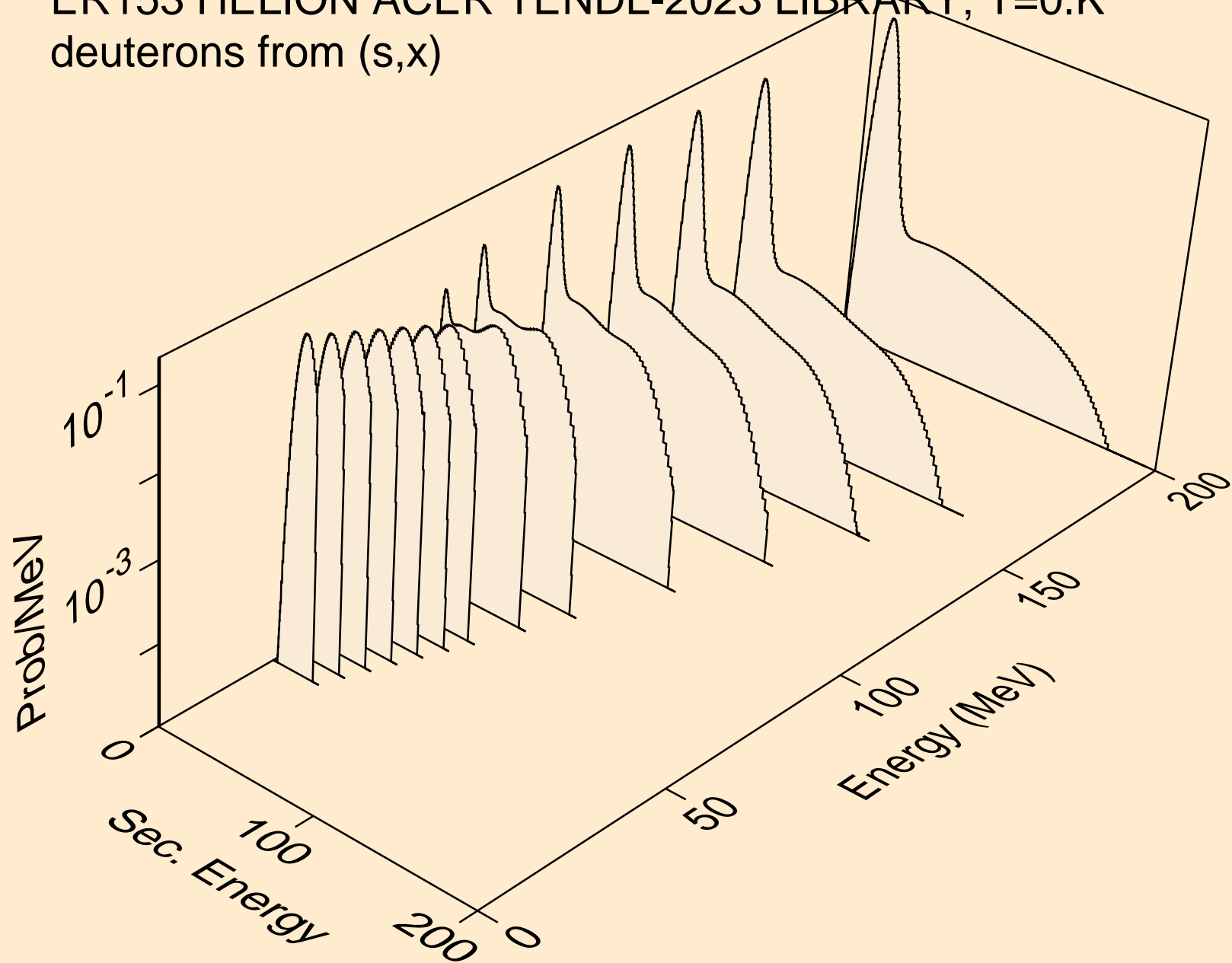
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



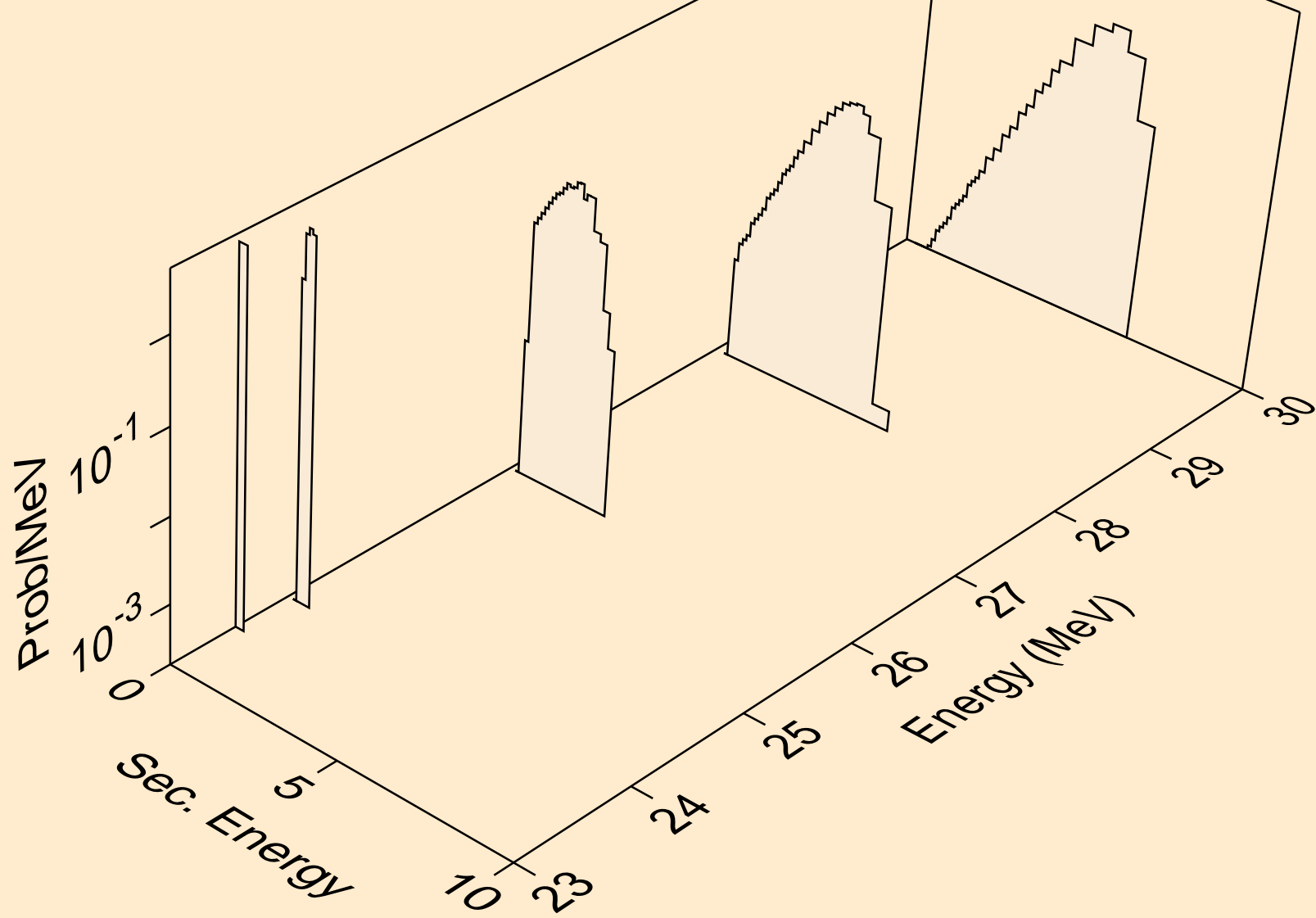
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



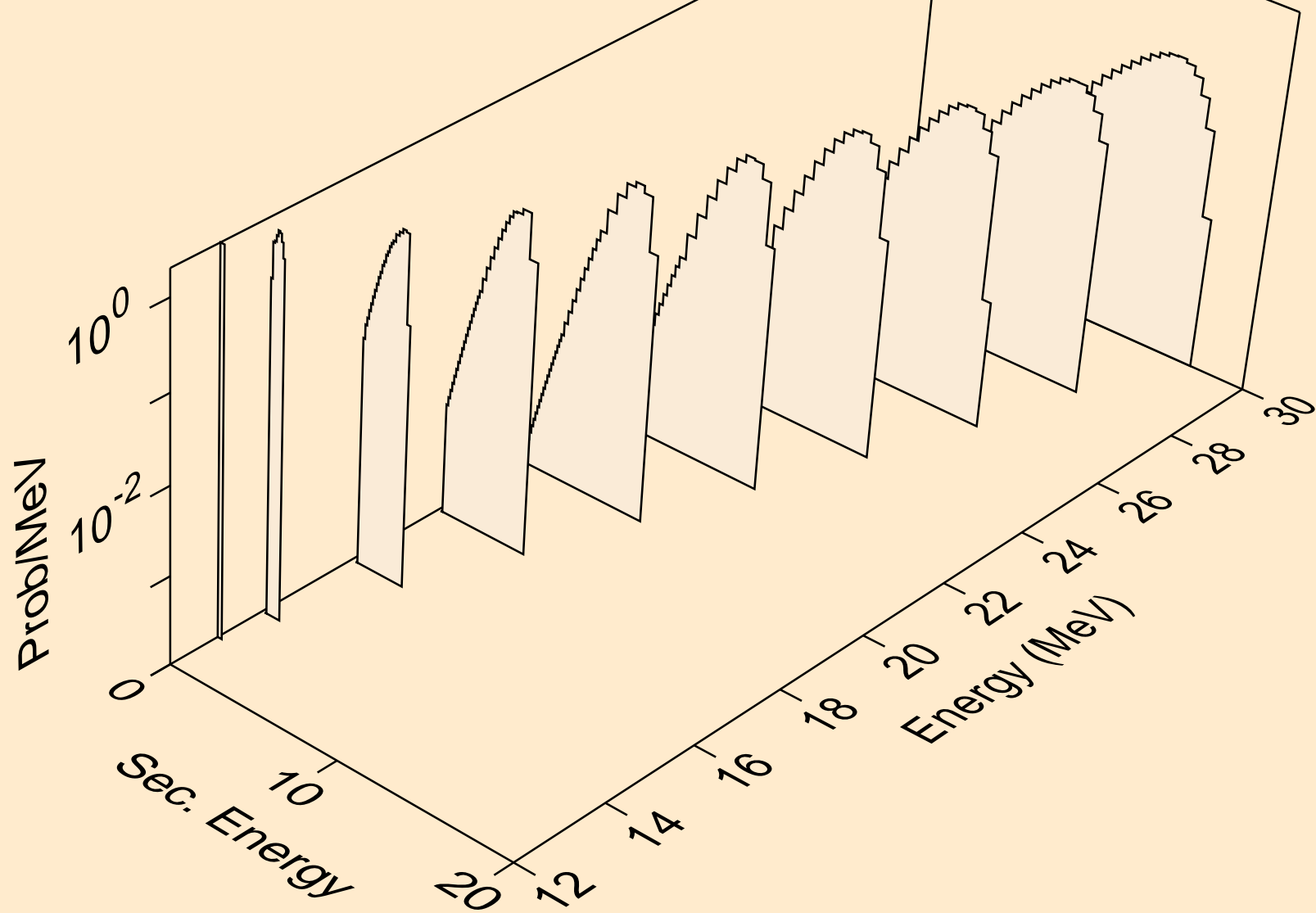
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)

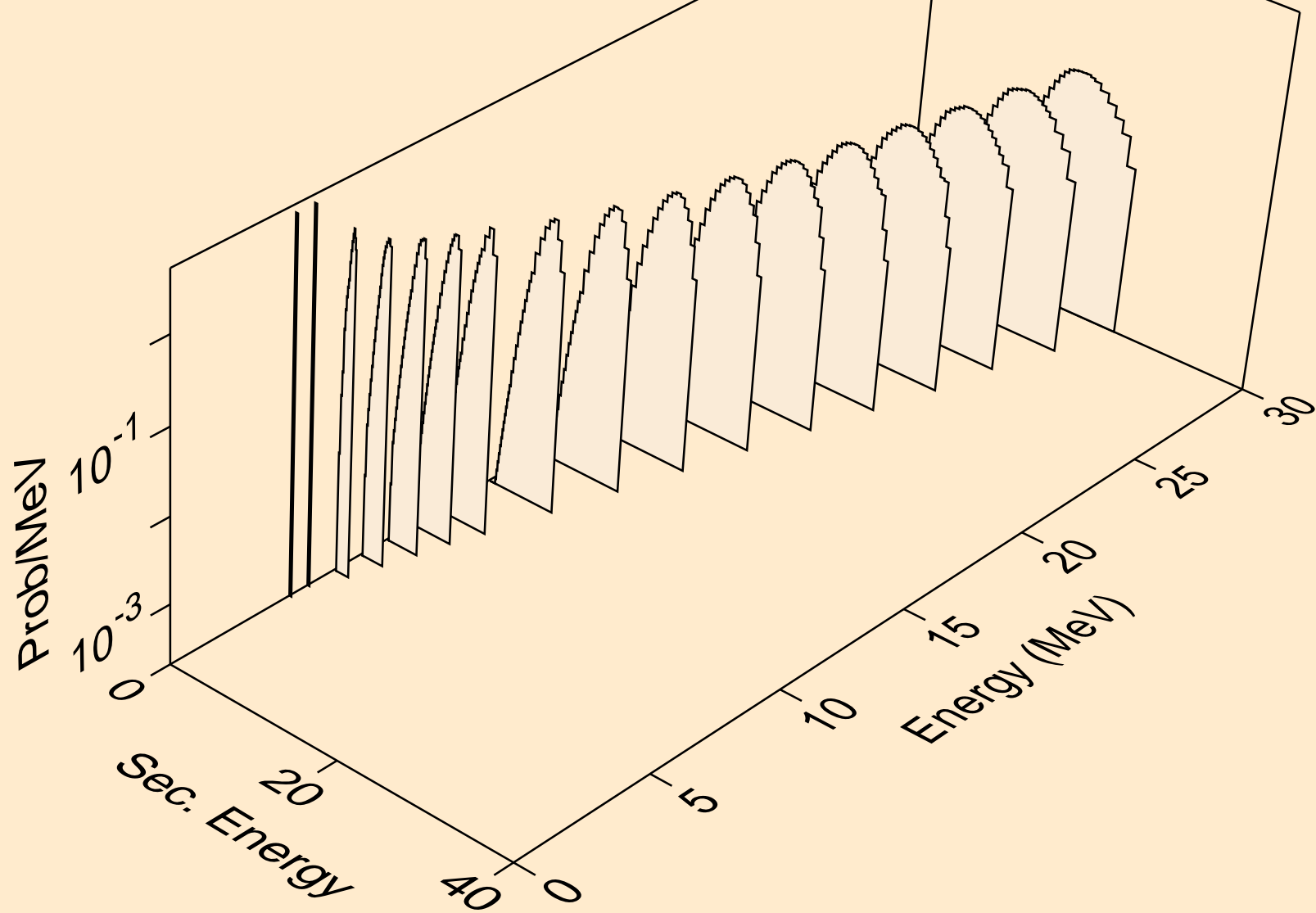


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d

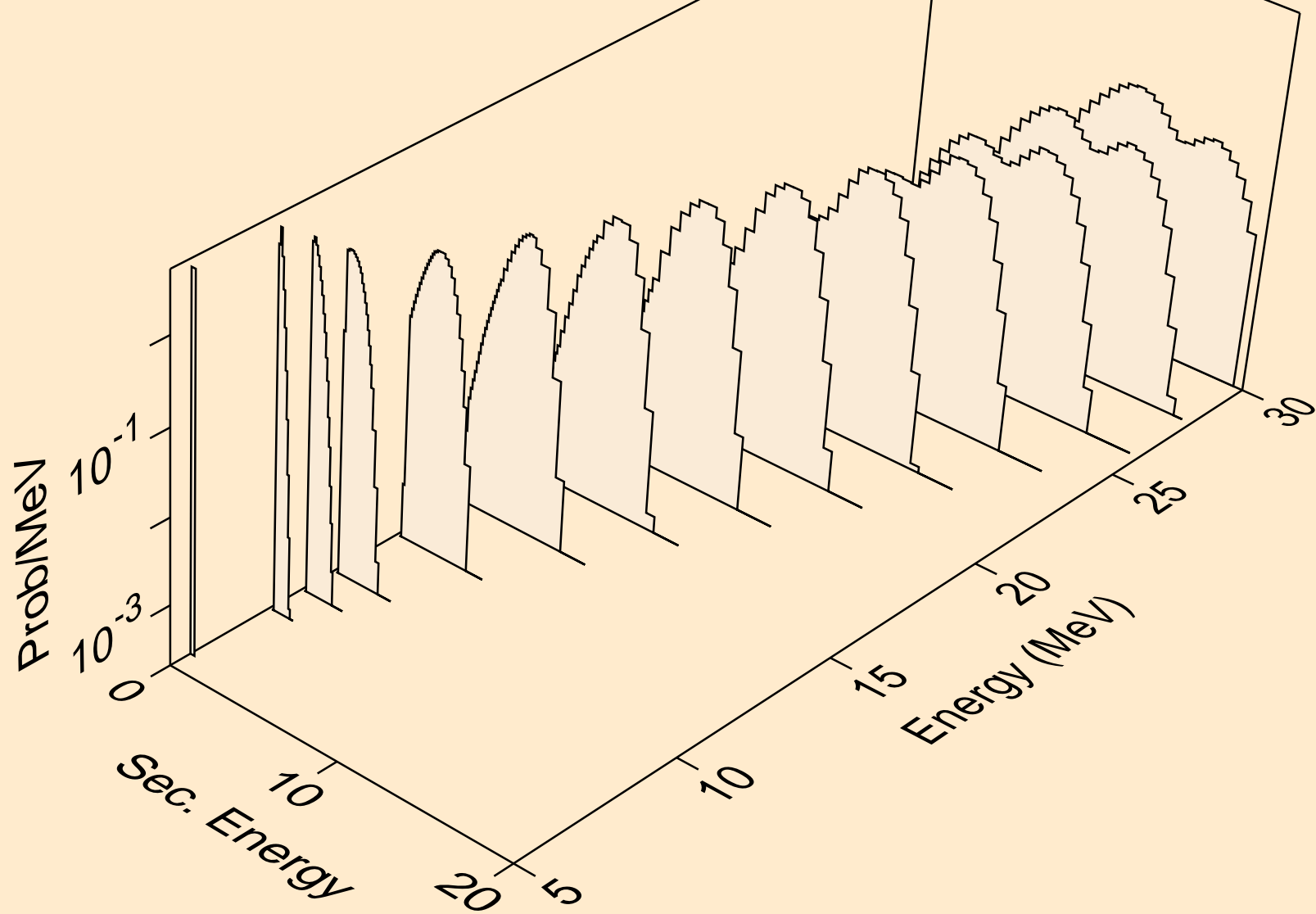




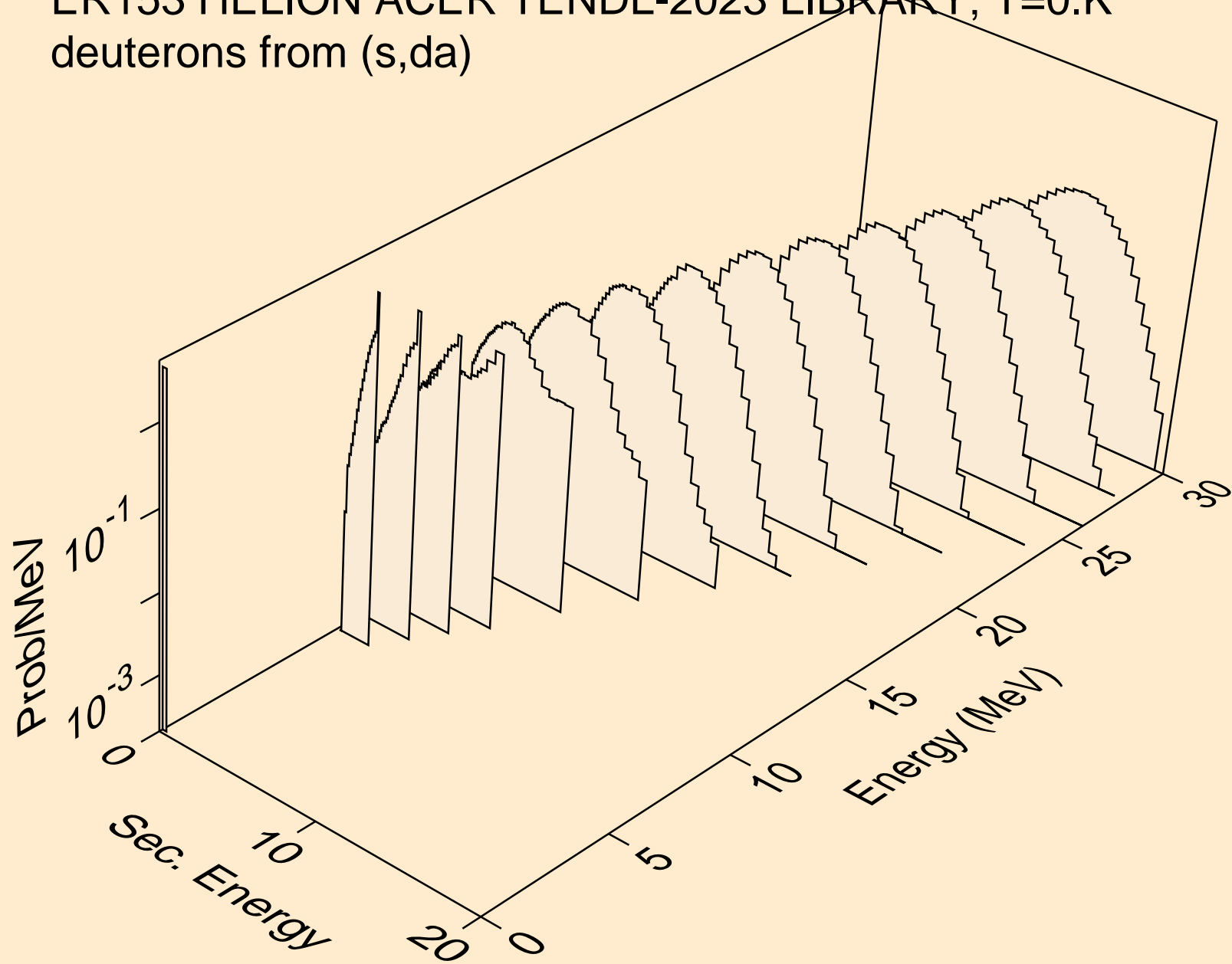
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



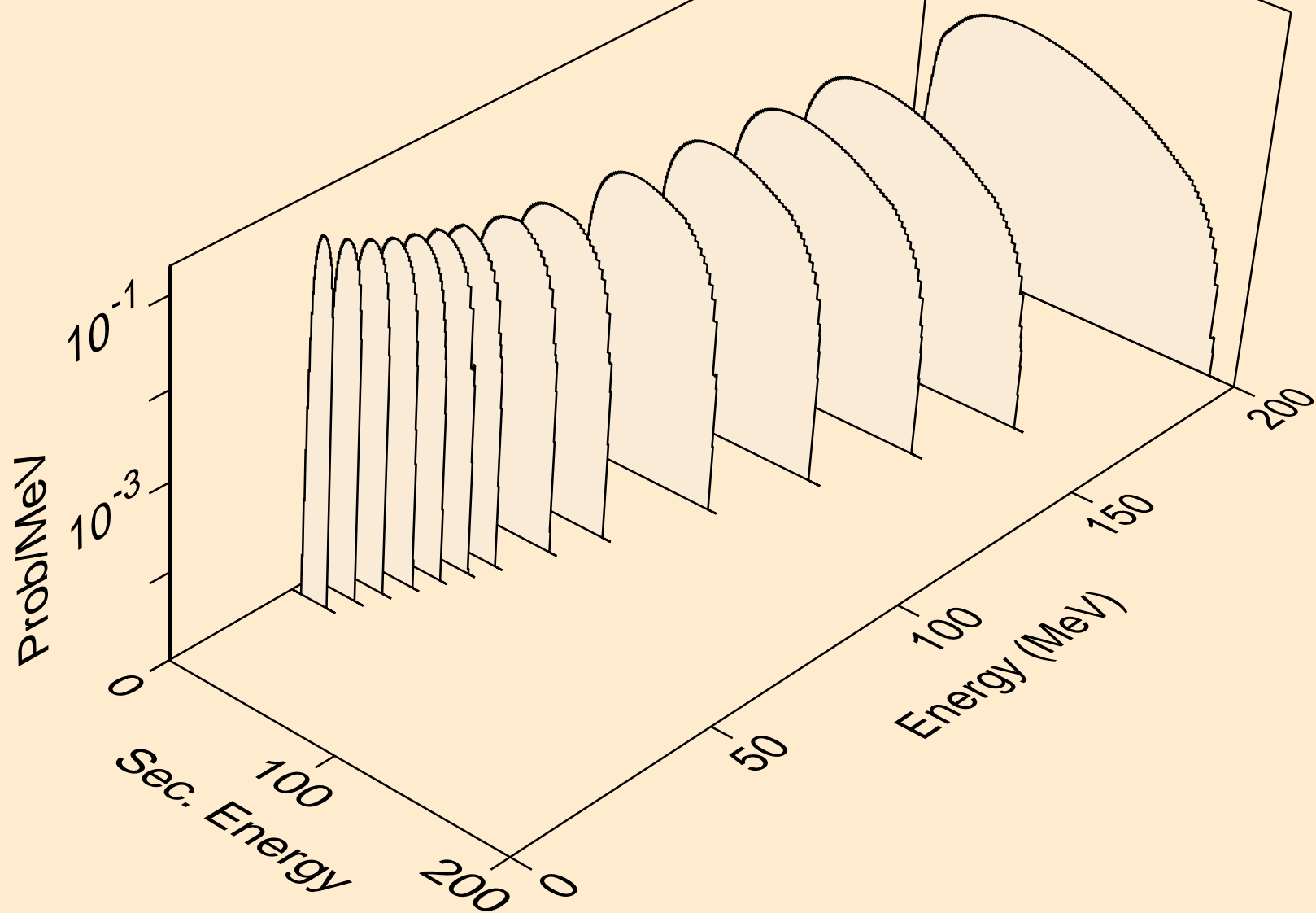
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



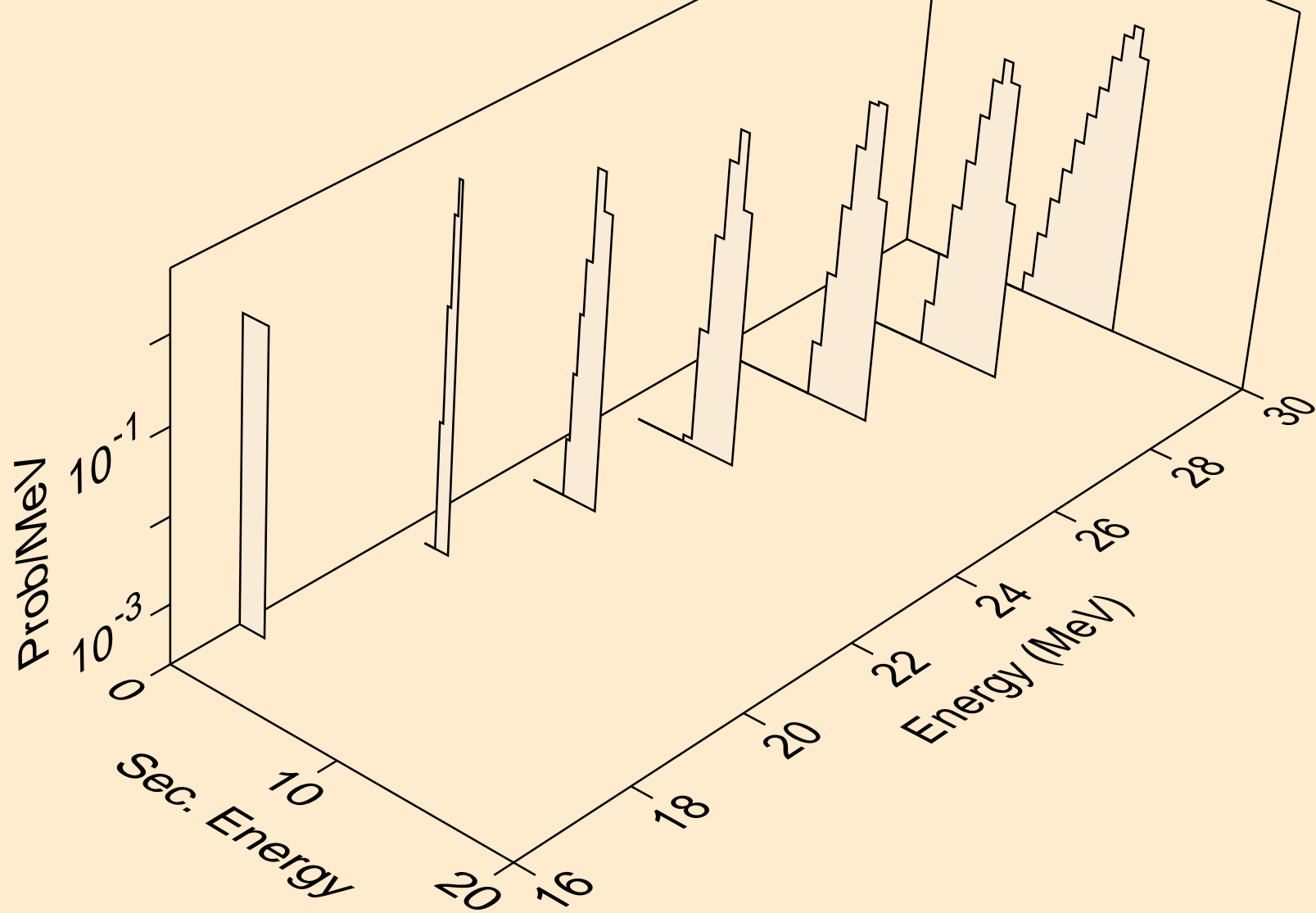
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



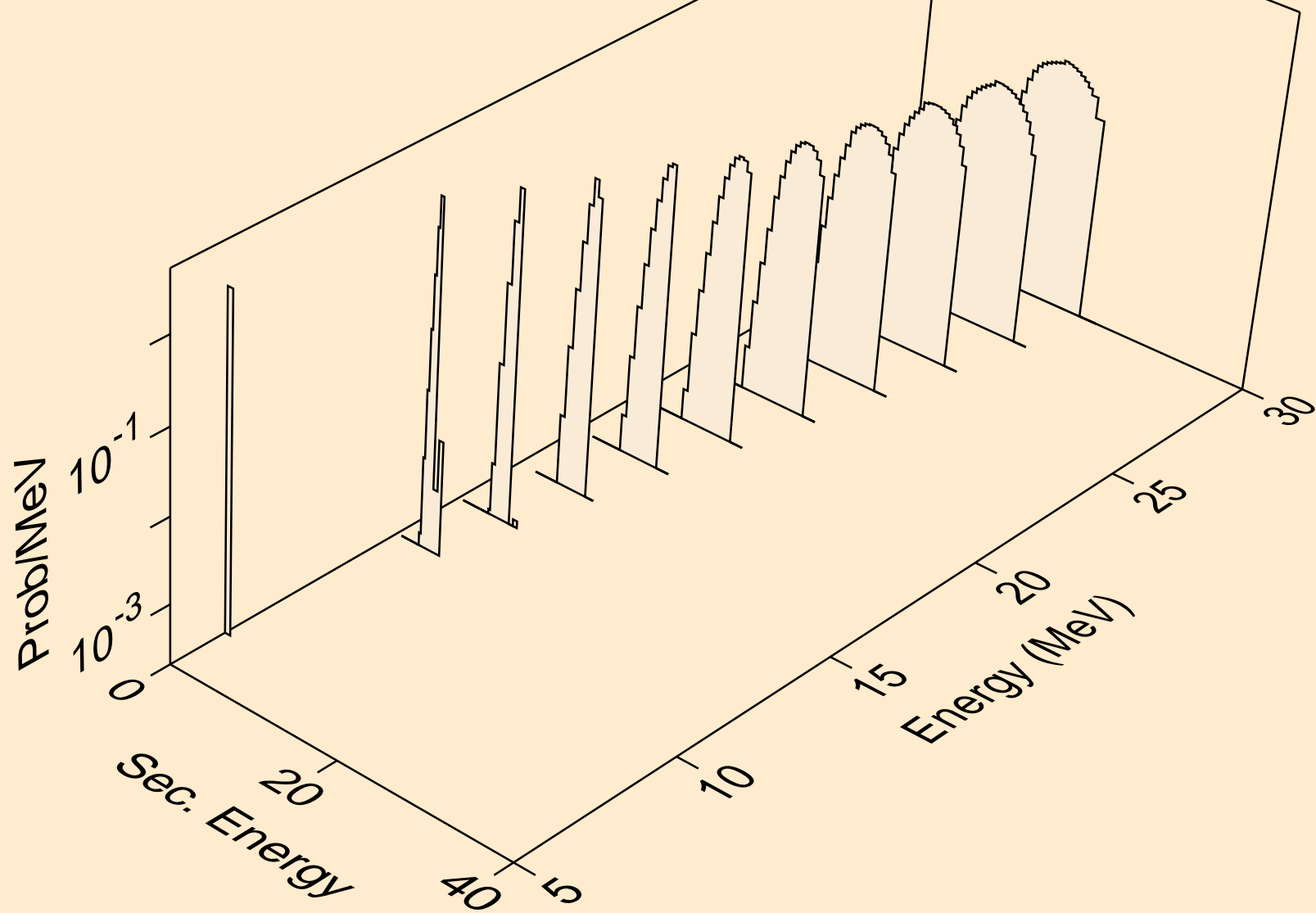
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



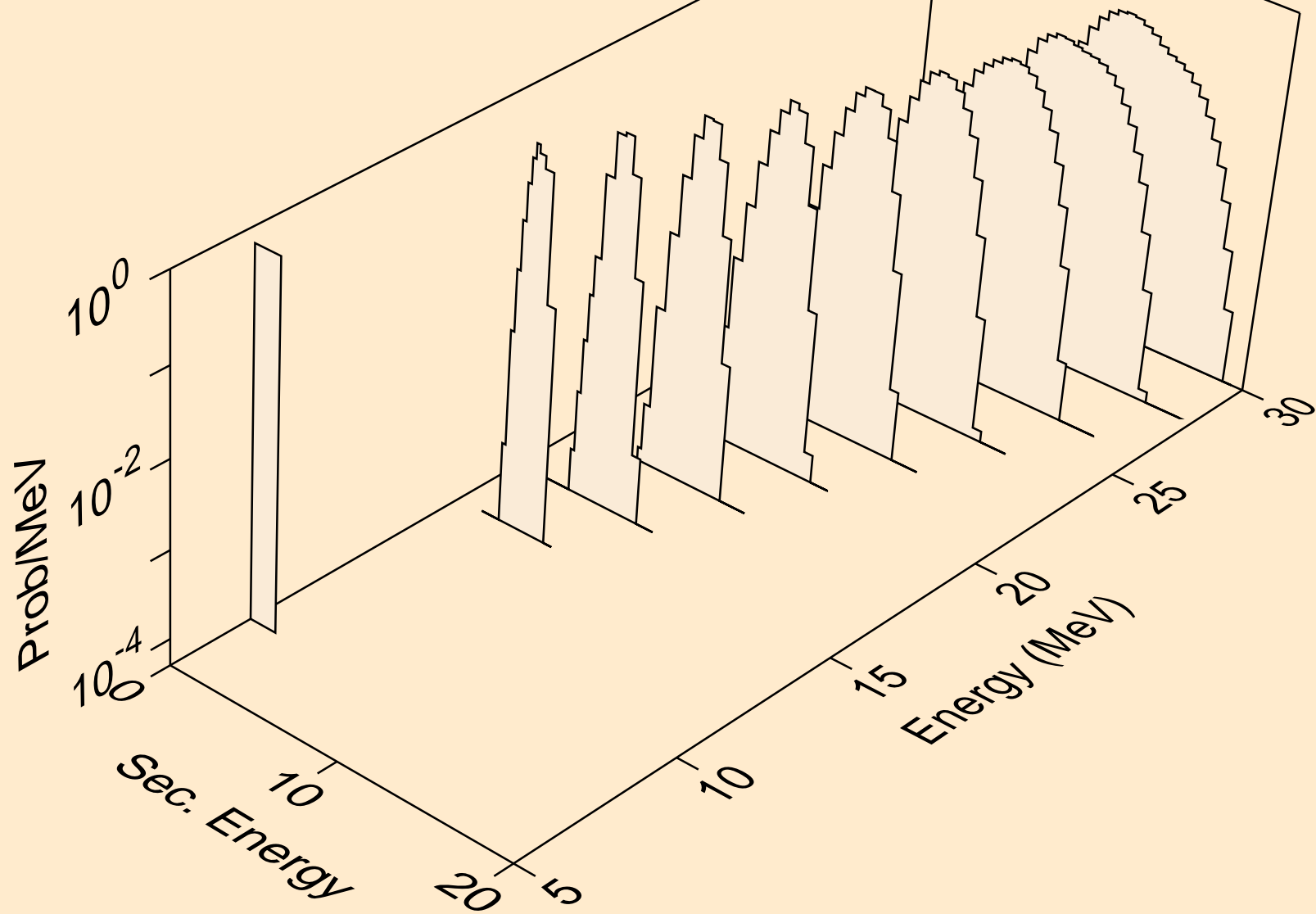
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



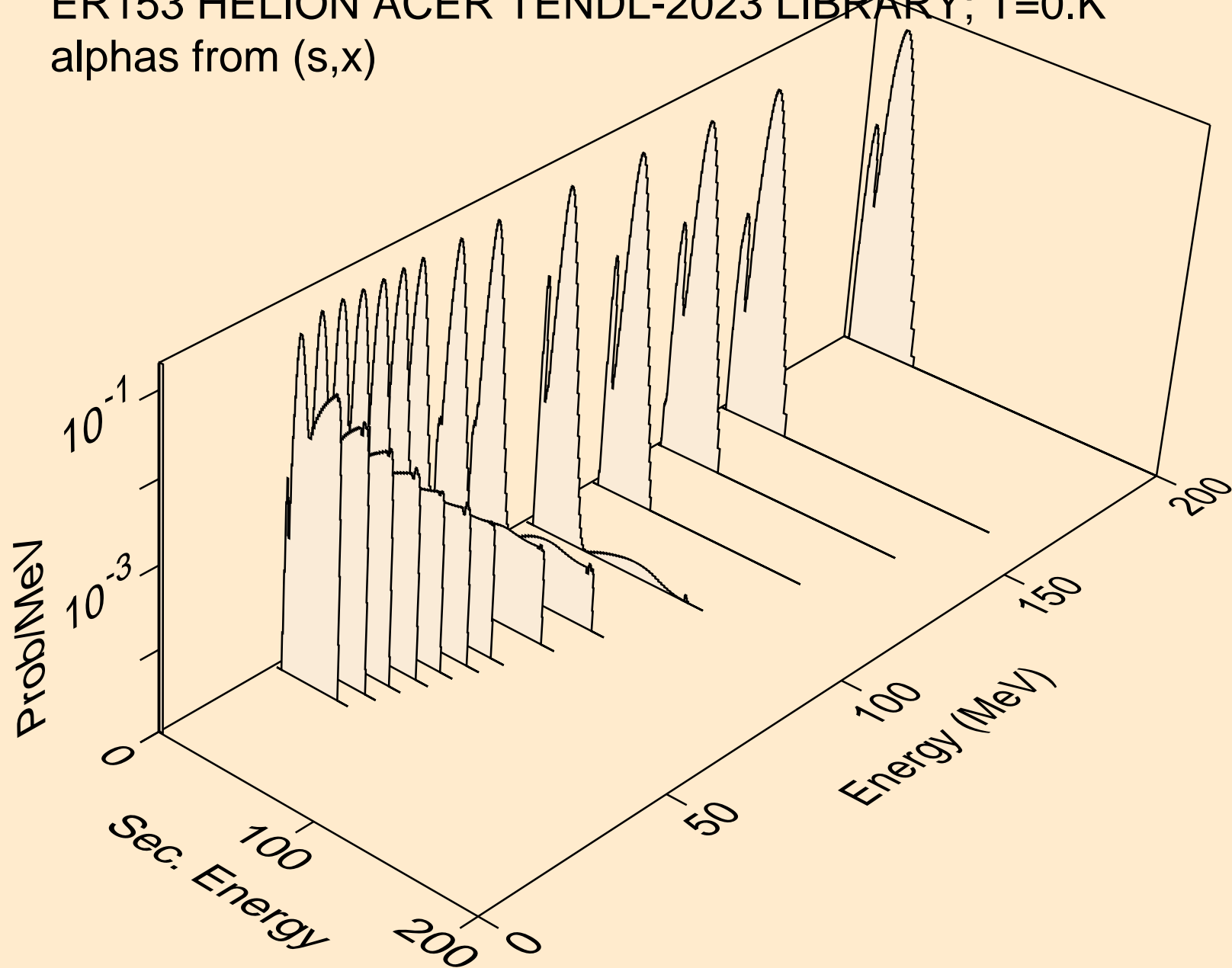
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

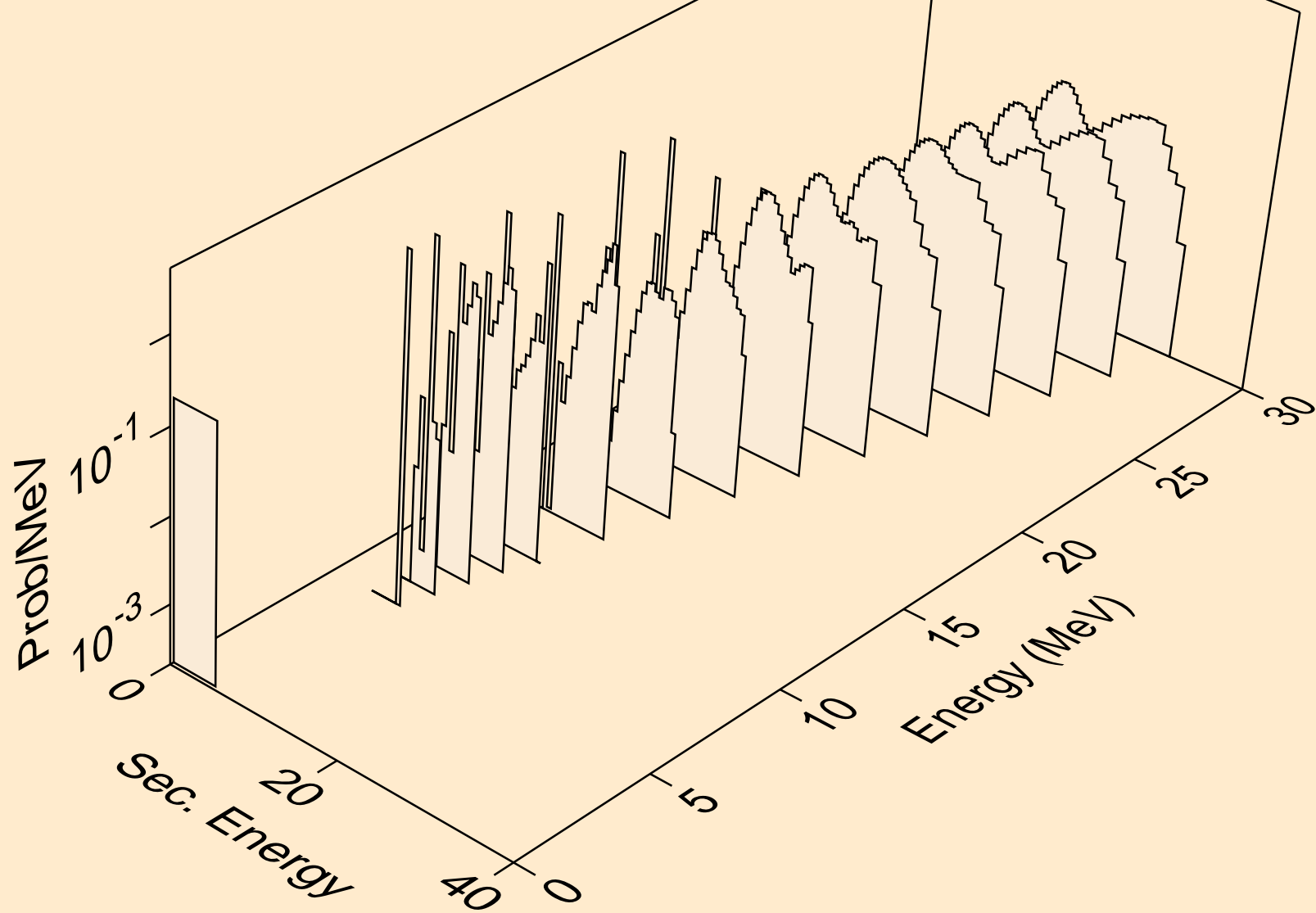


ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

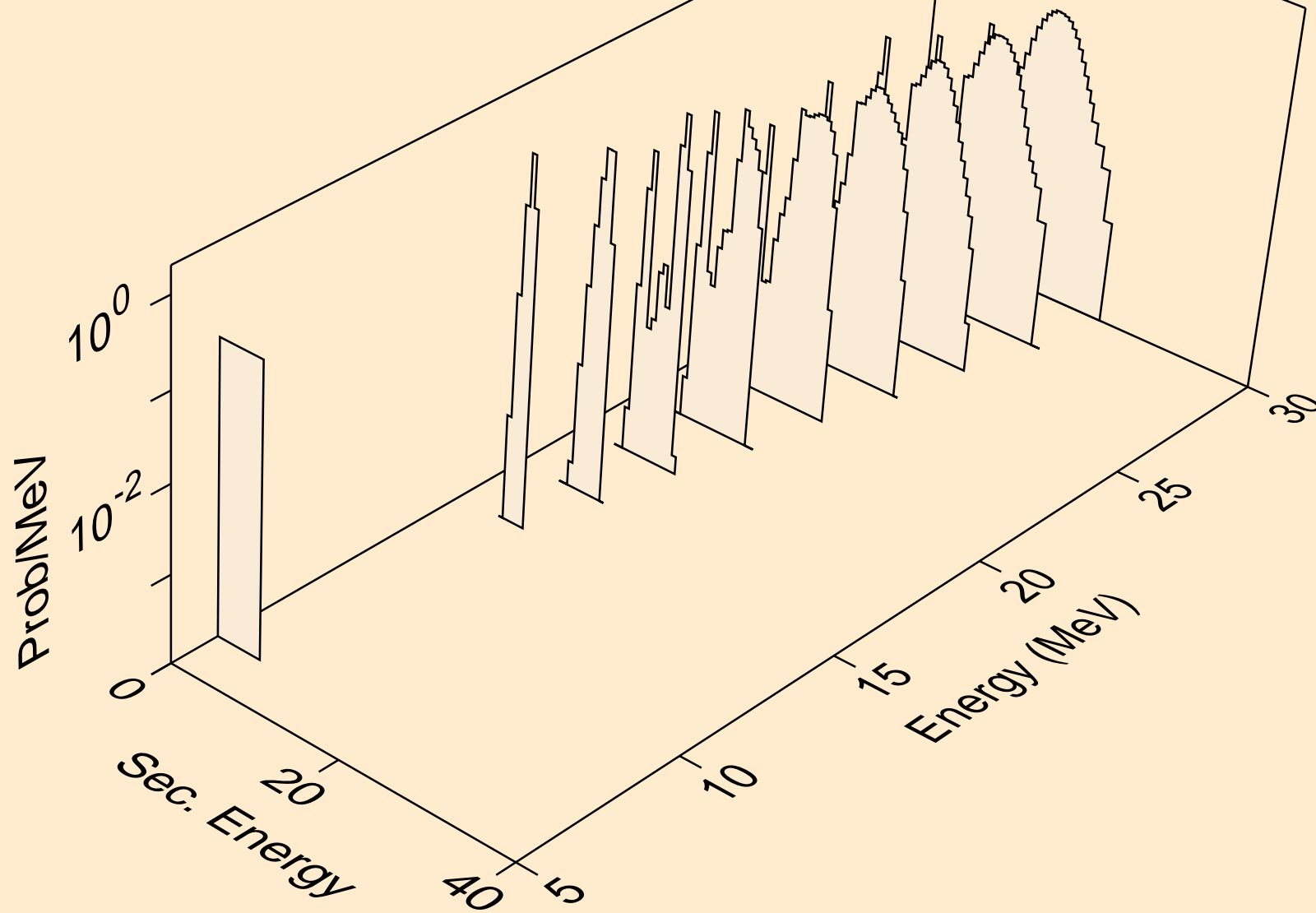




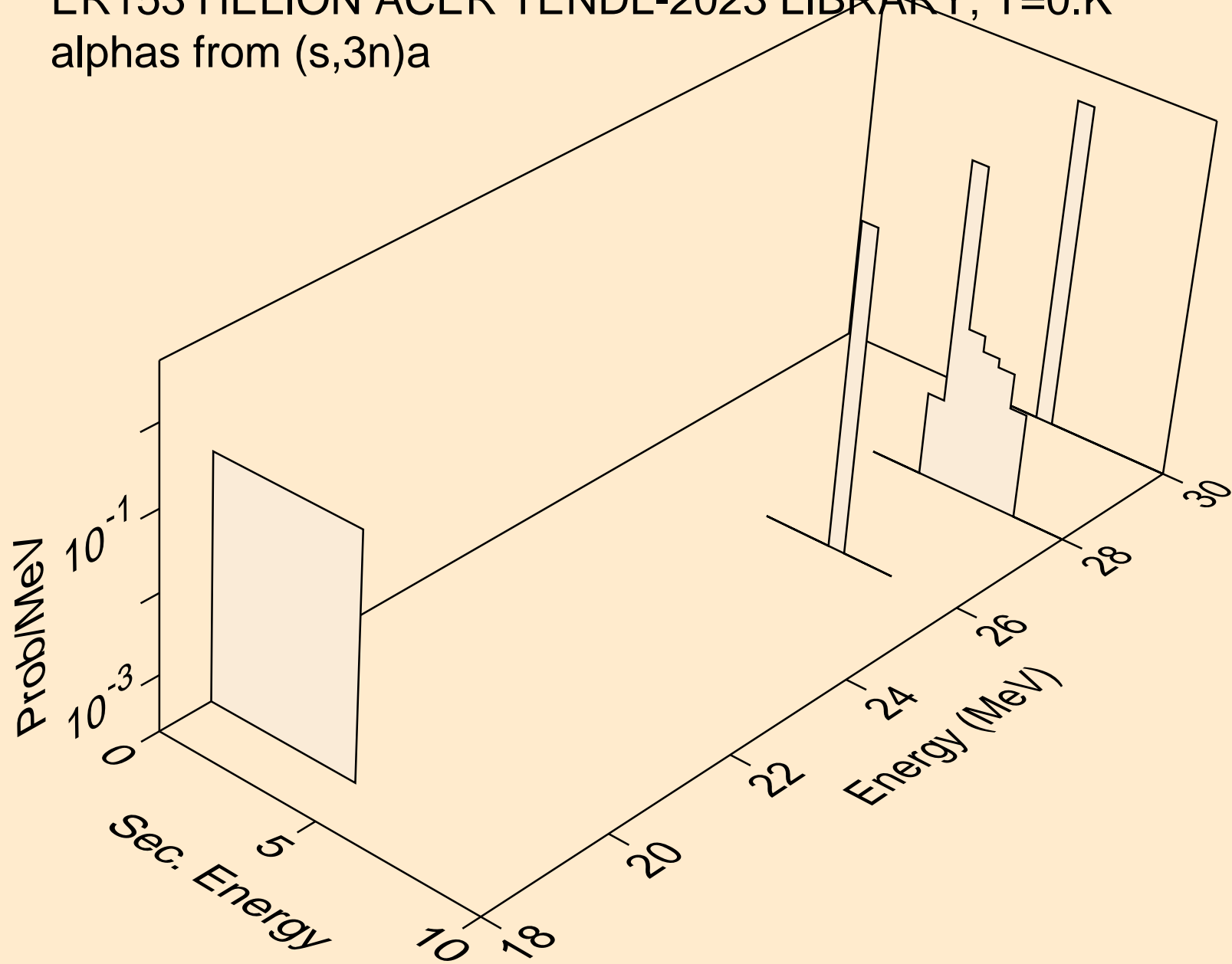
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



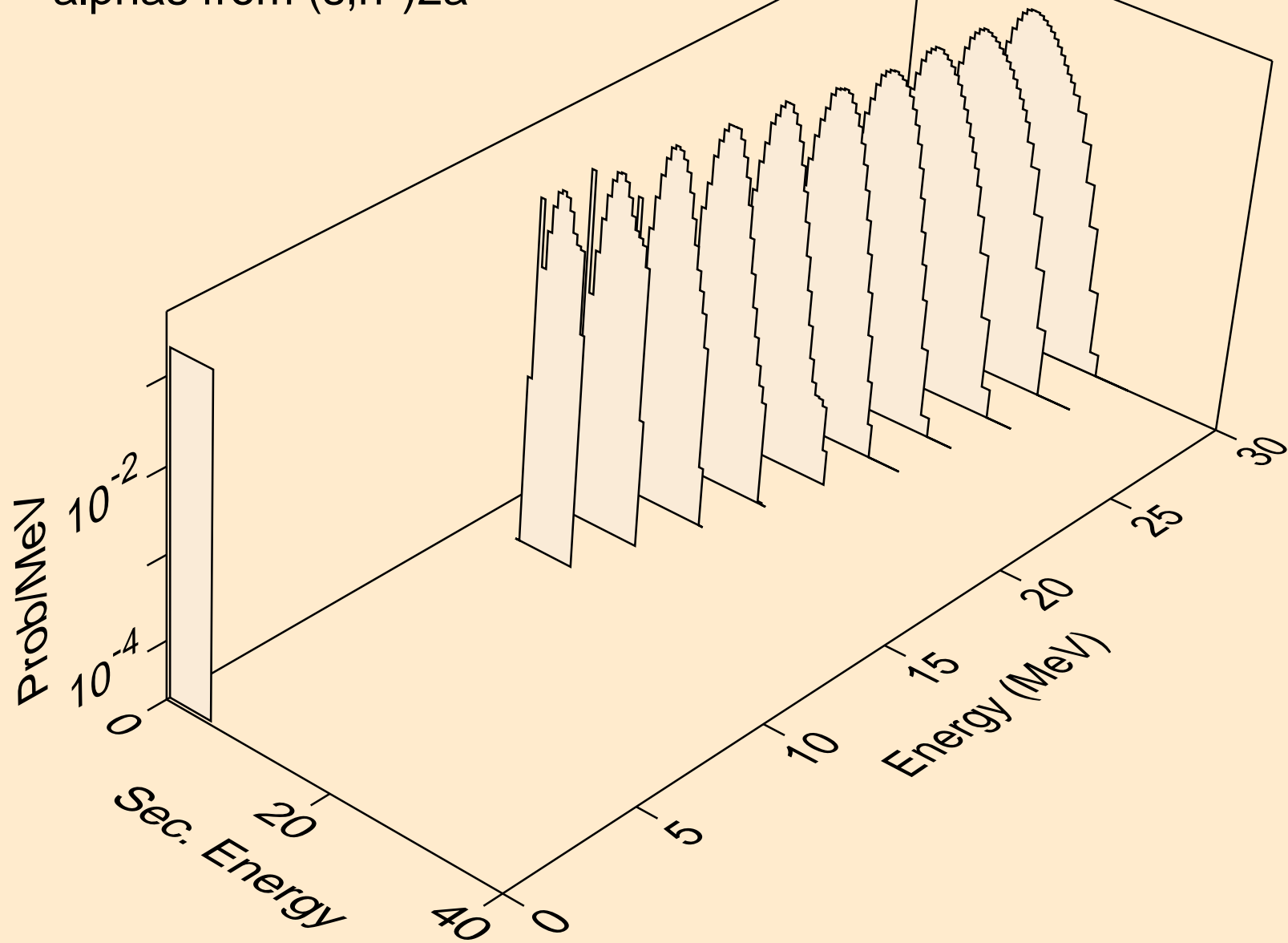
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



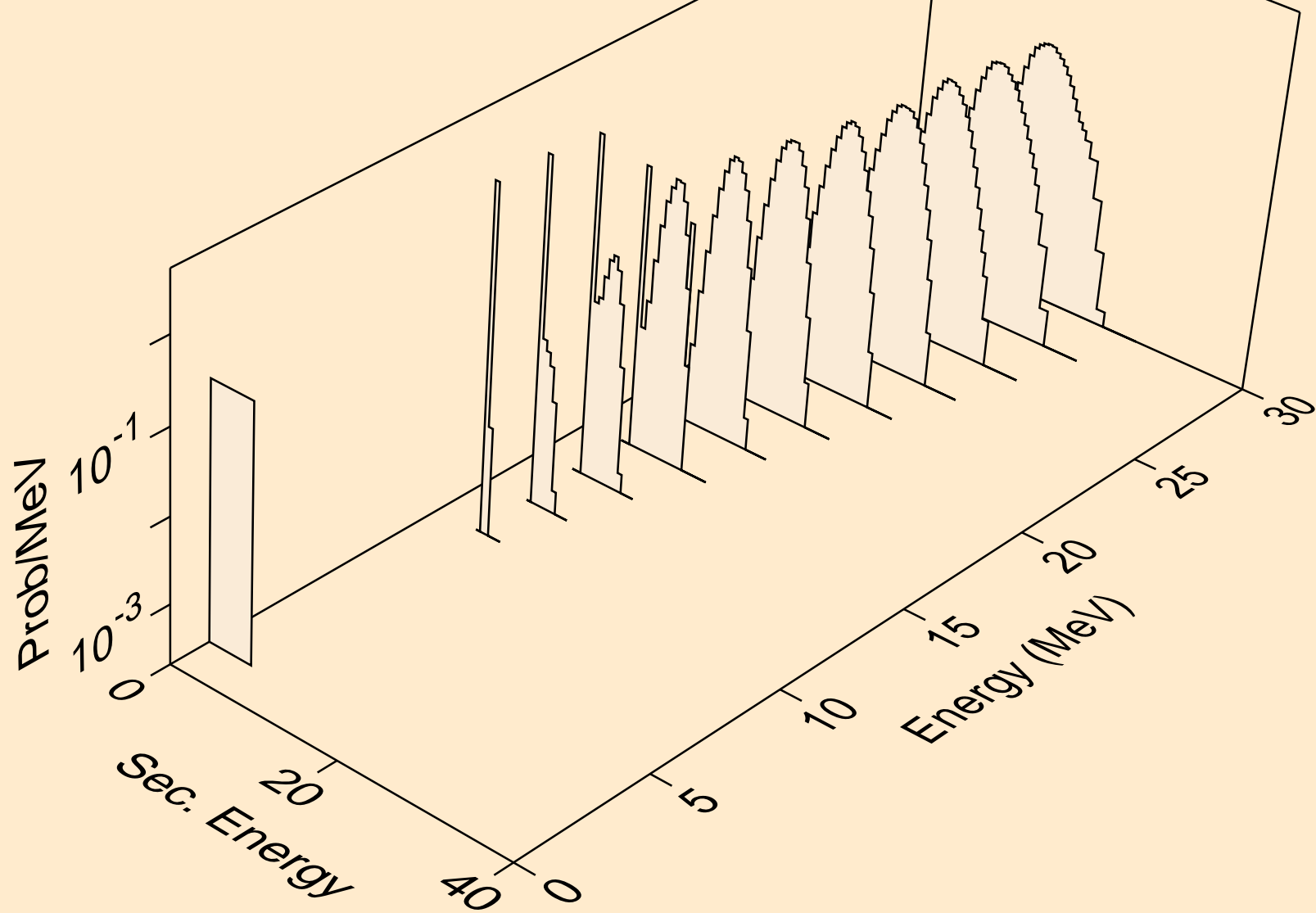
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



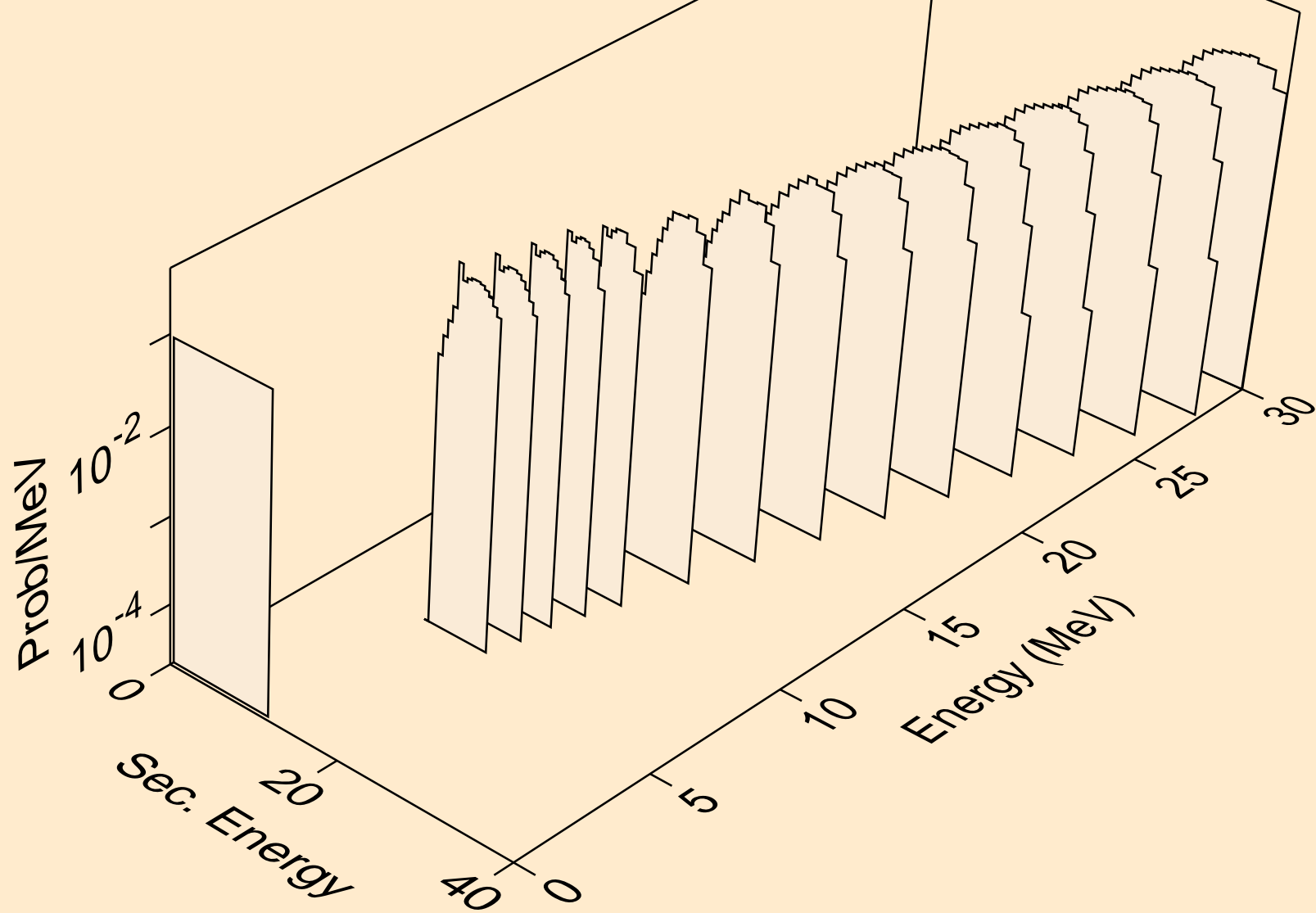
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



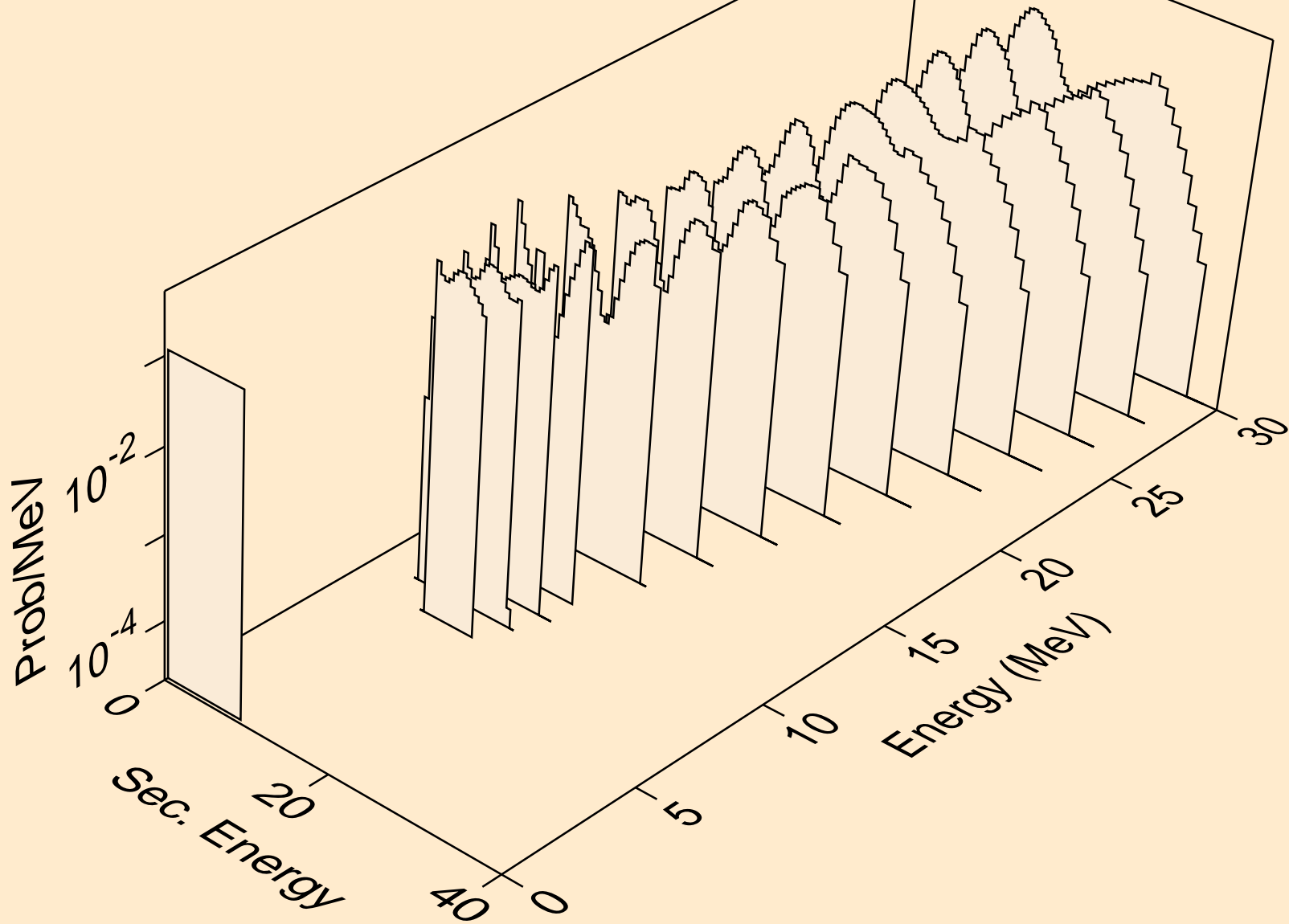
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



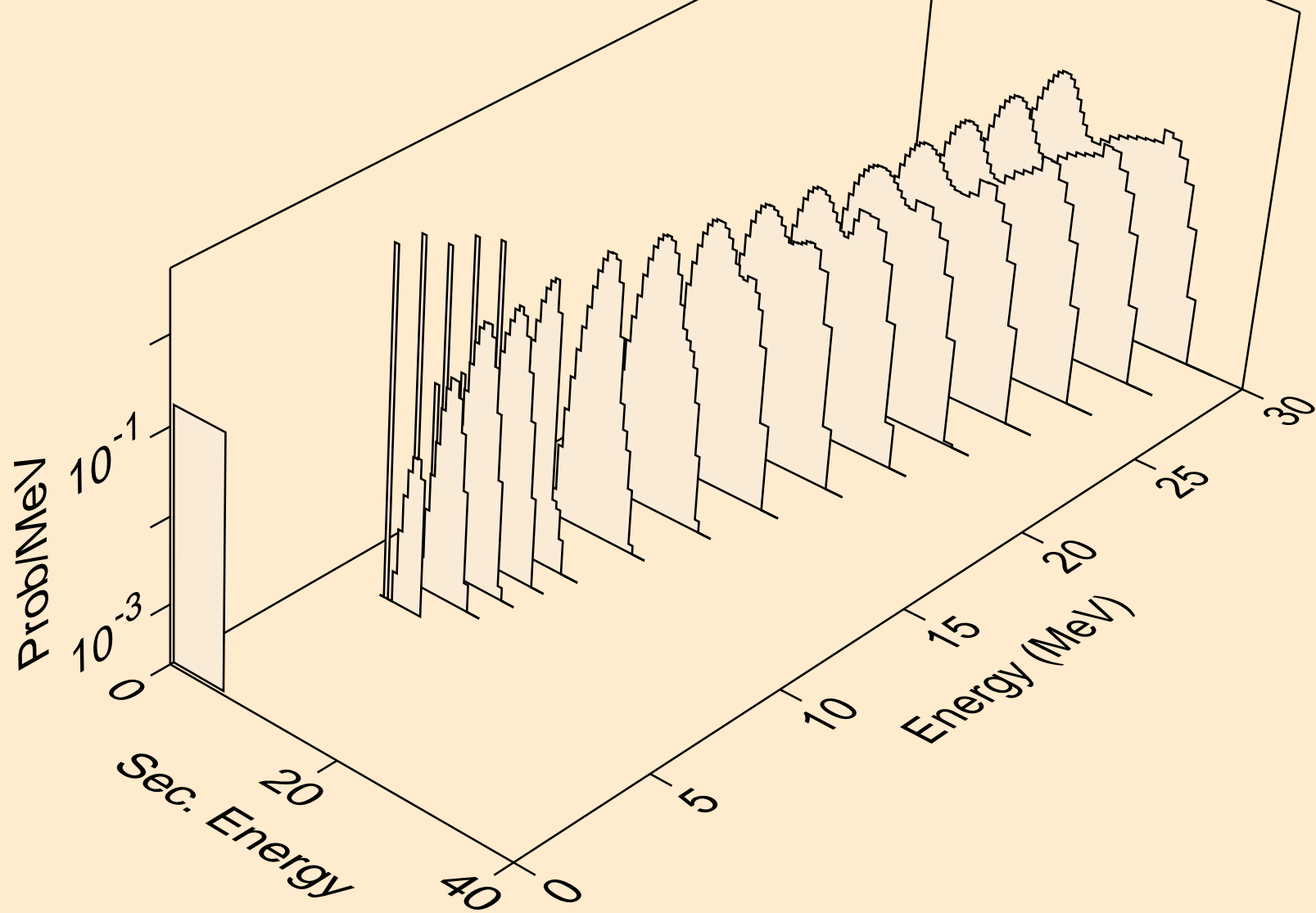
ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)





ER153 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

