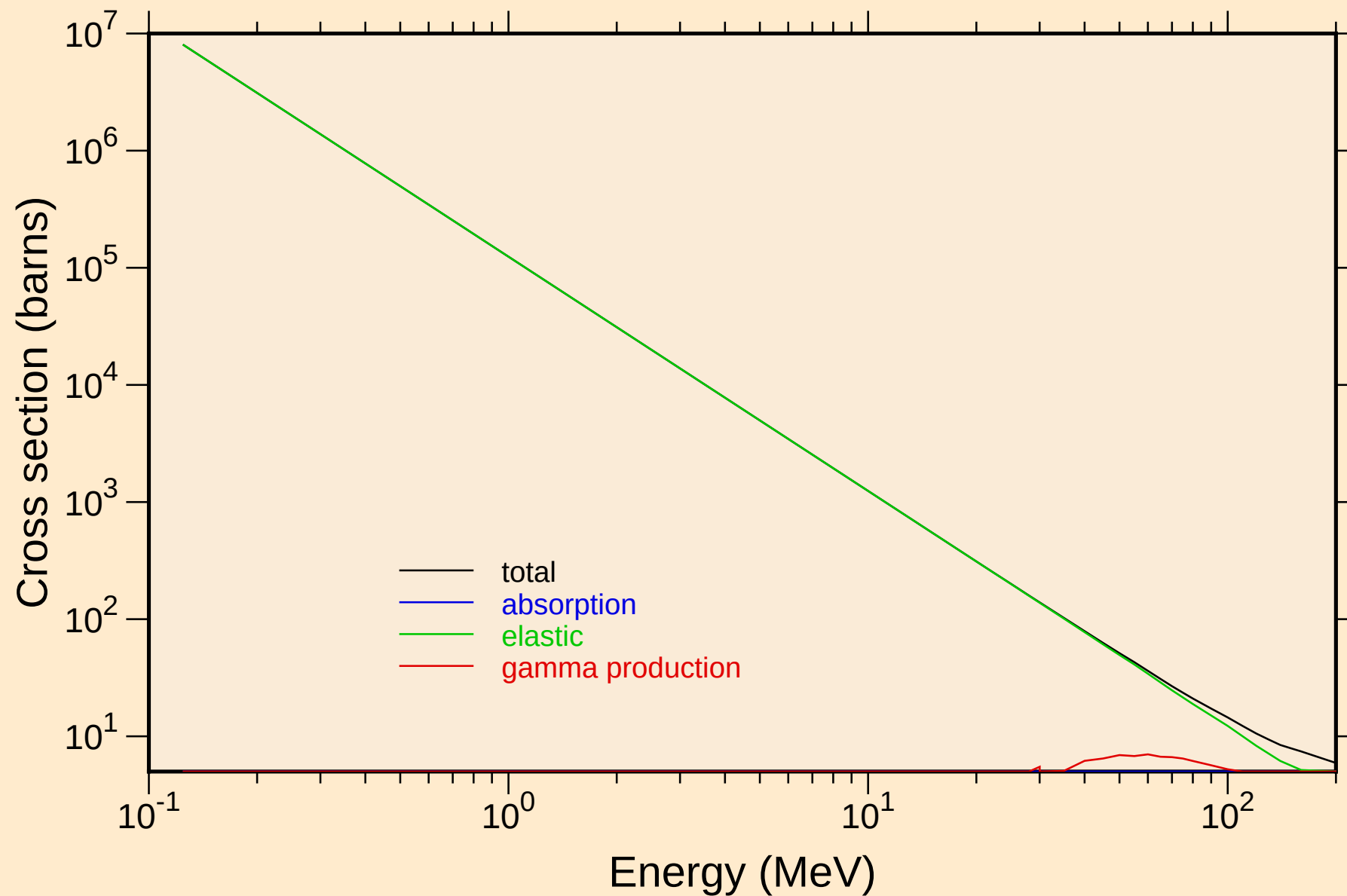


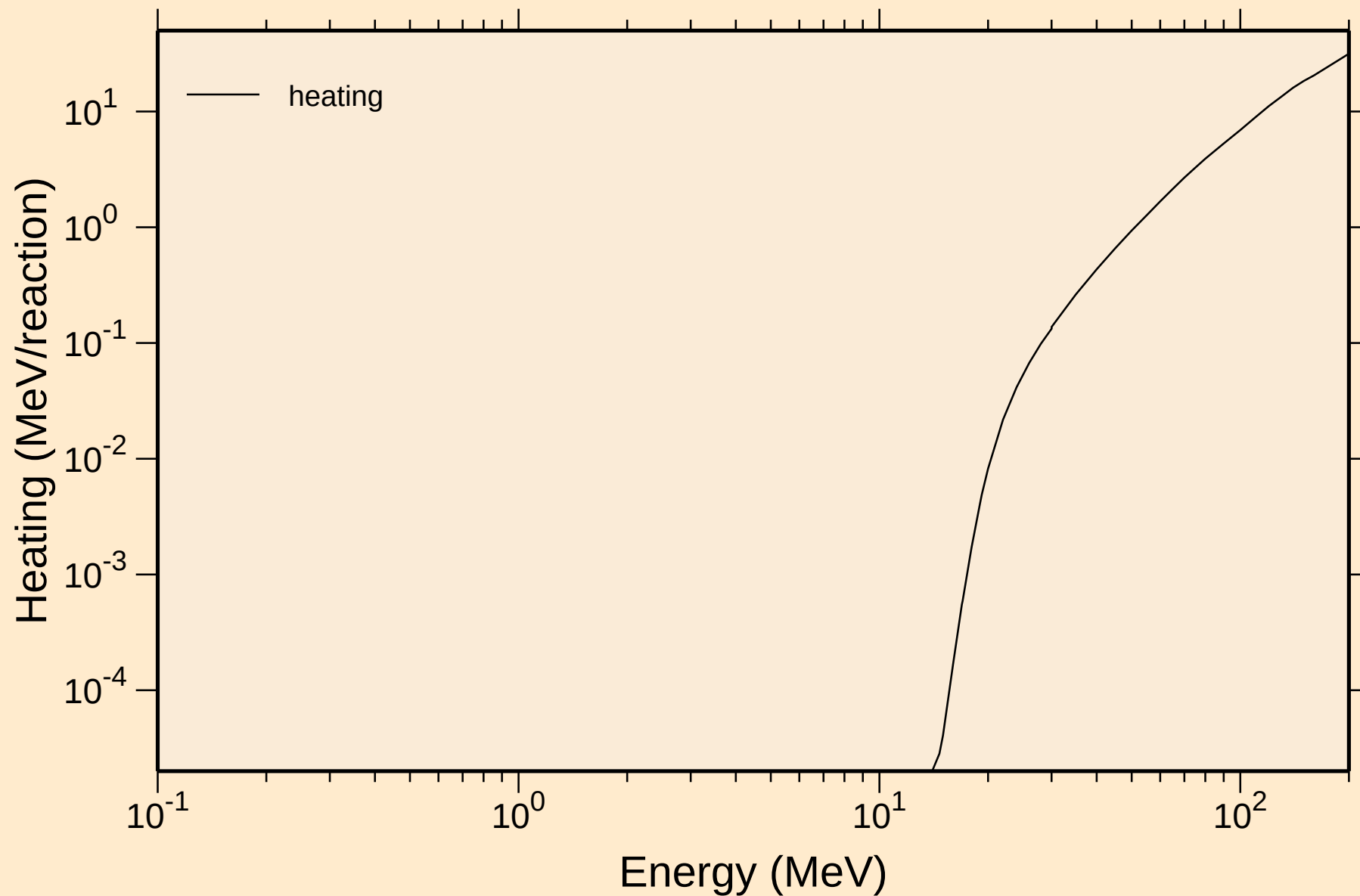
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



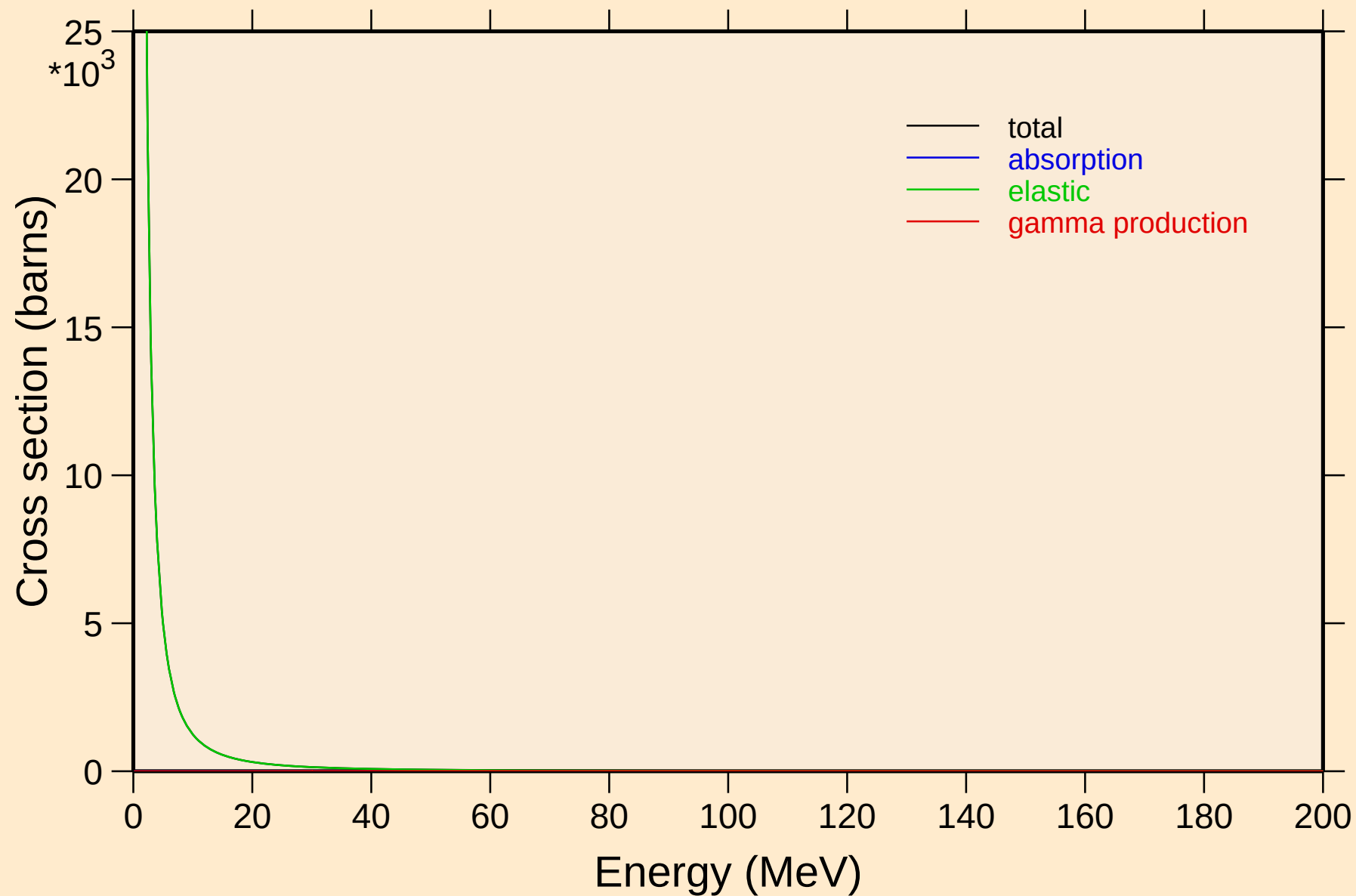
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



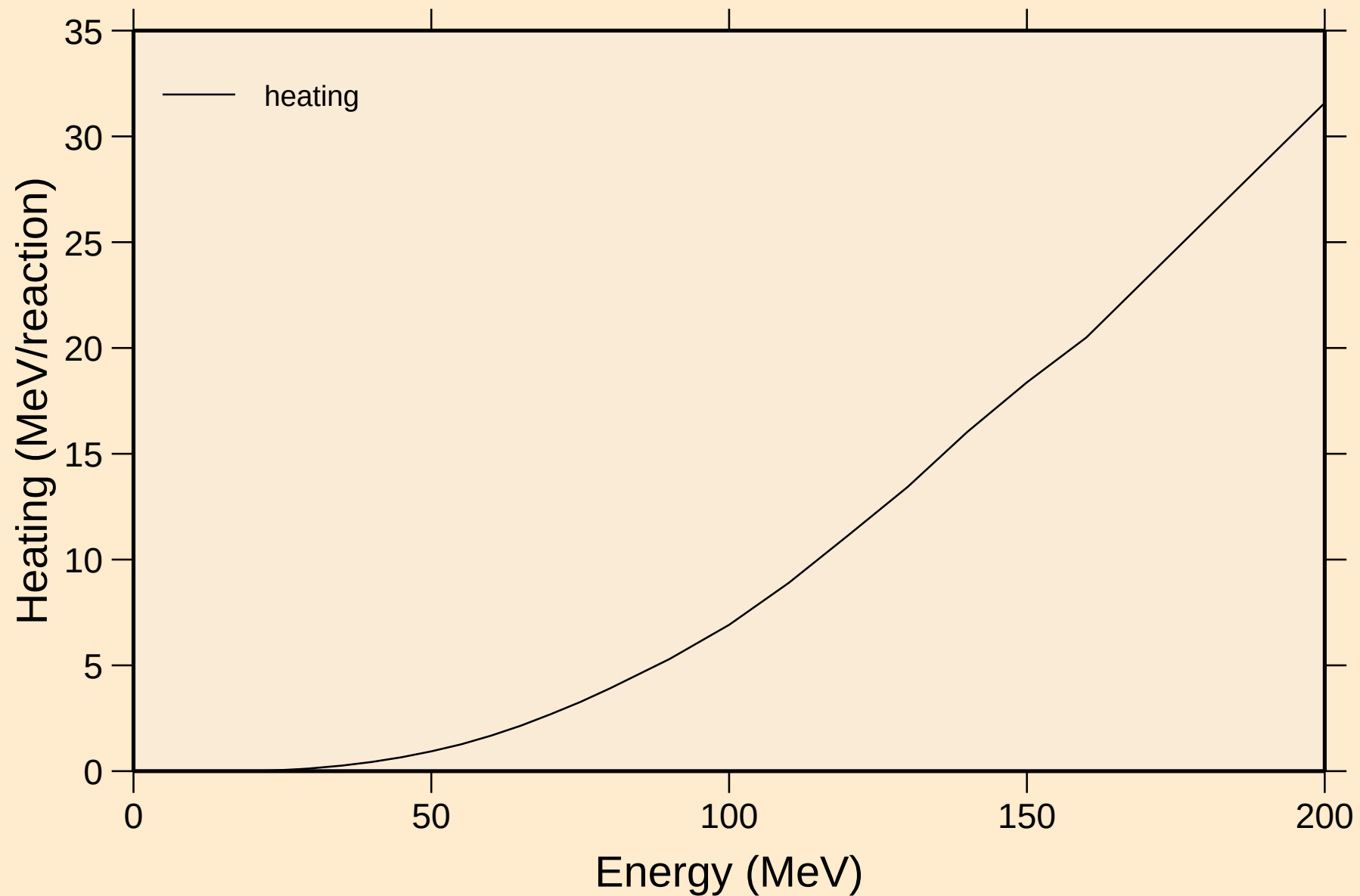
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



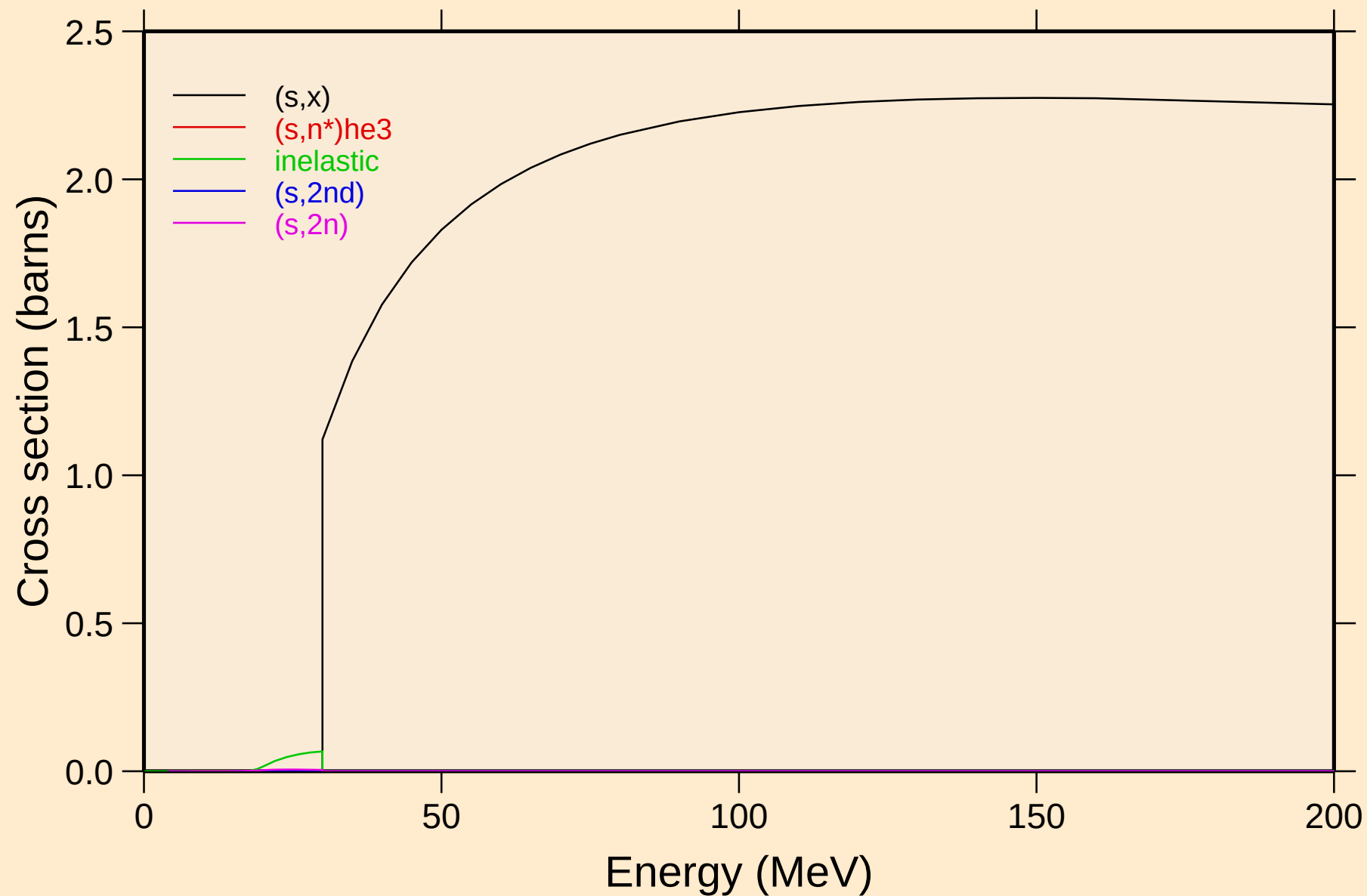
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



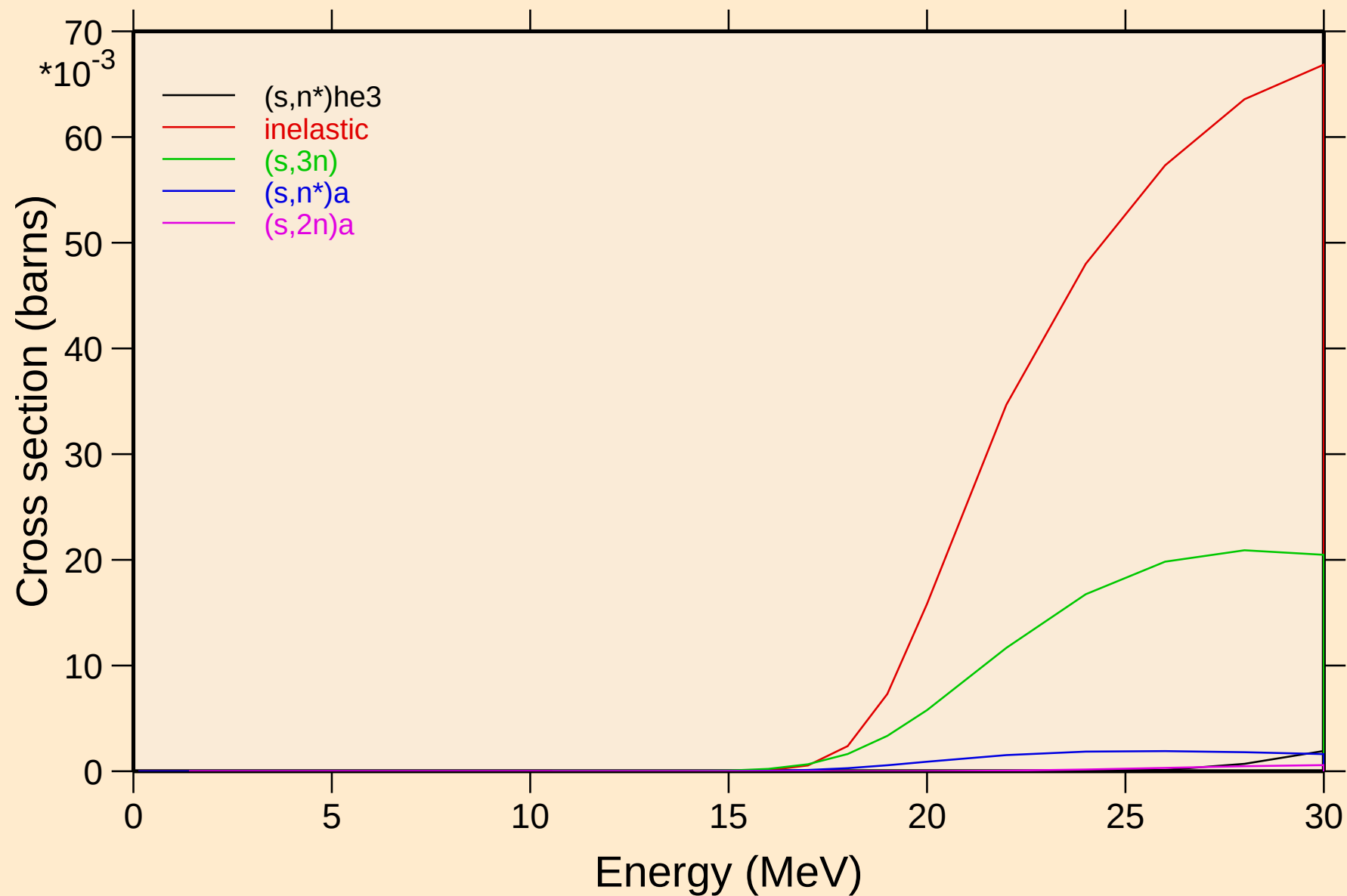
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



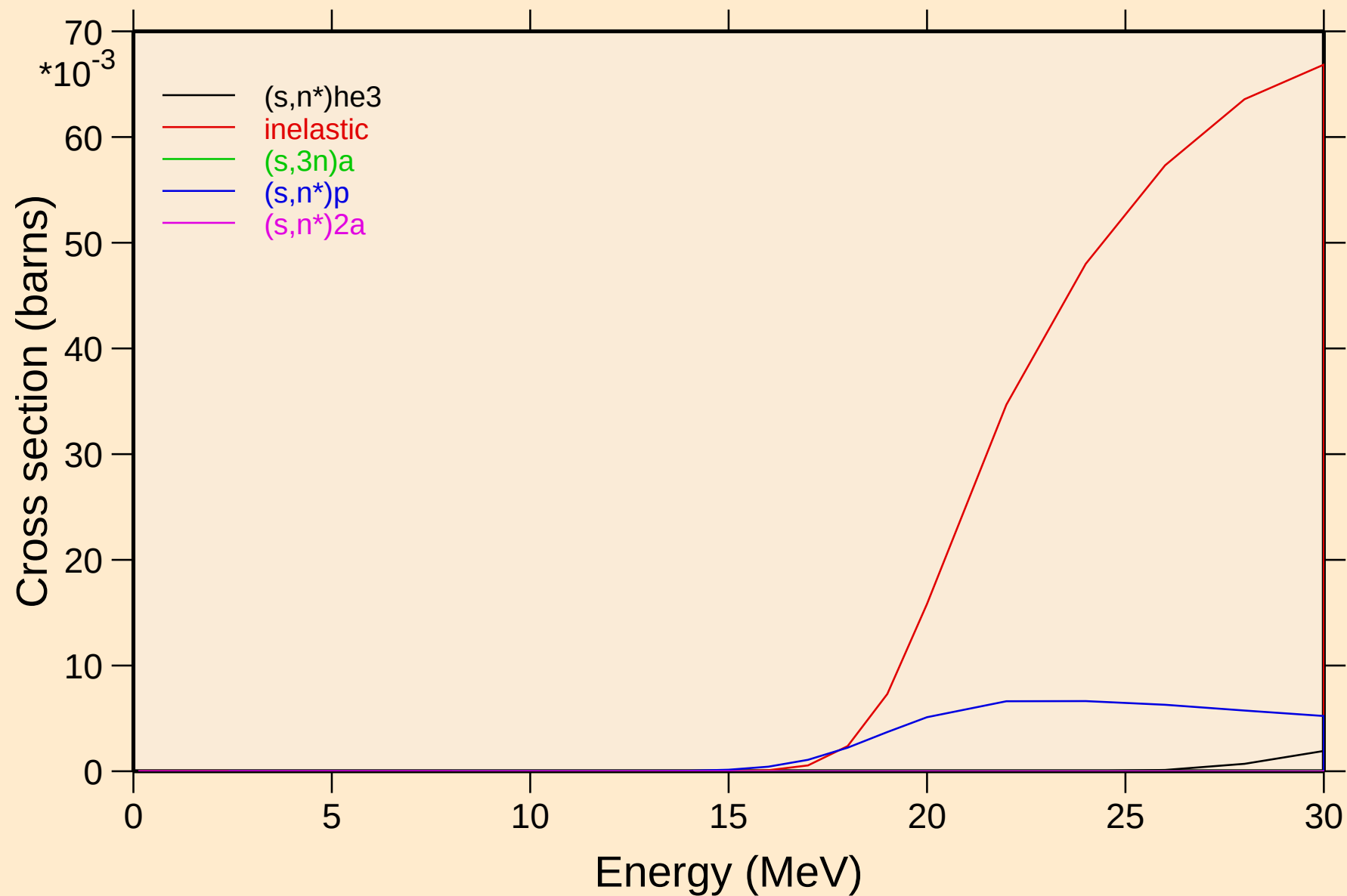
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



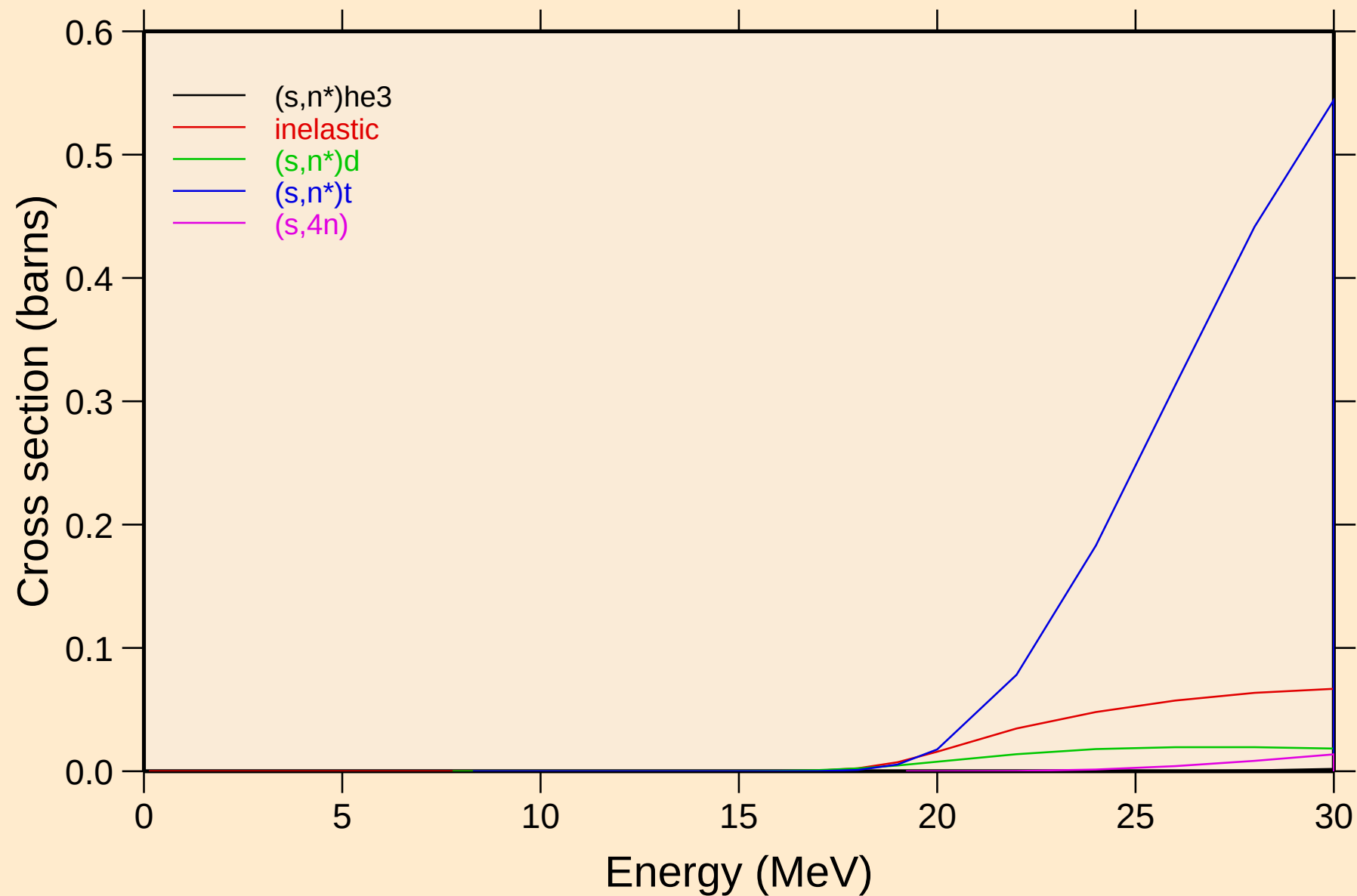
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

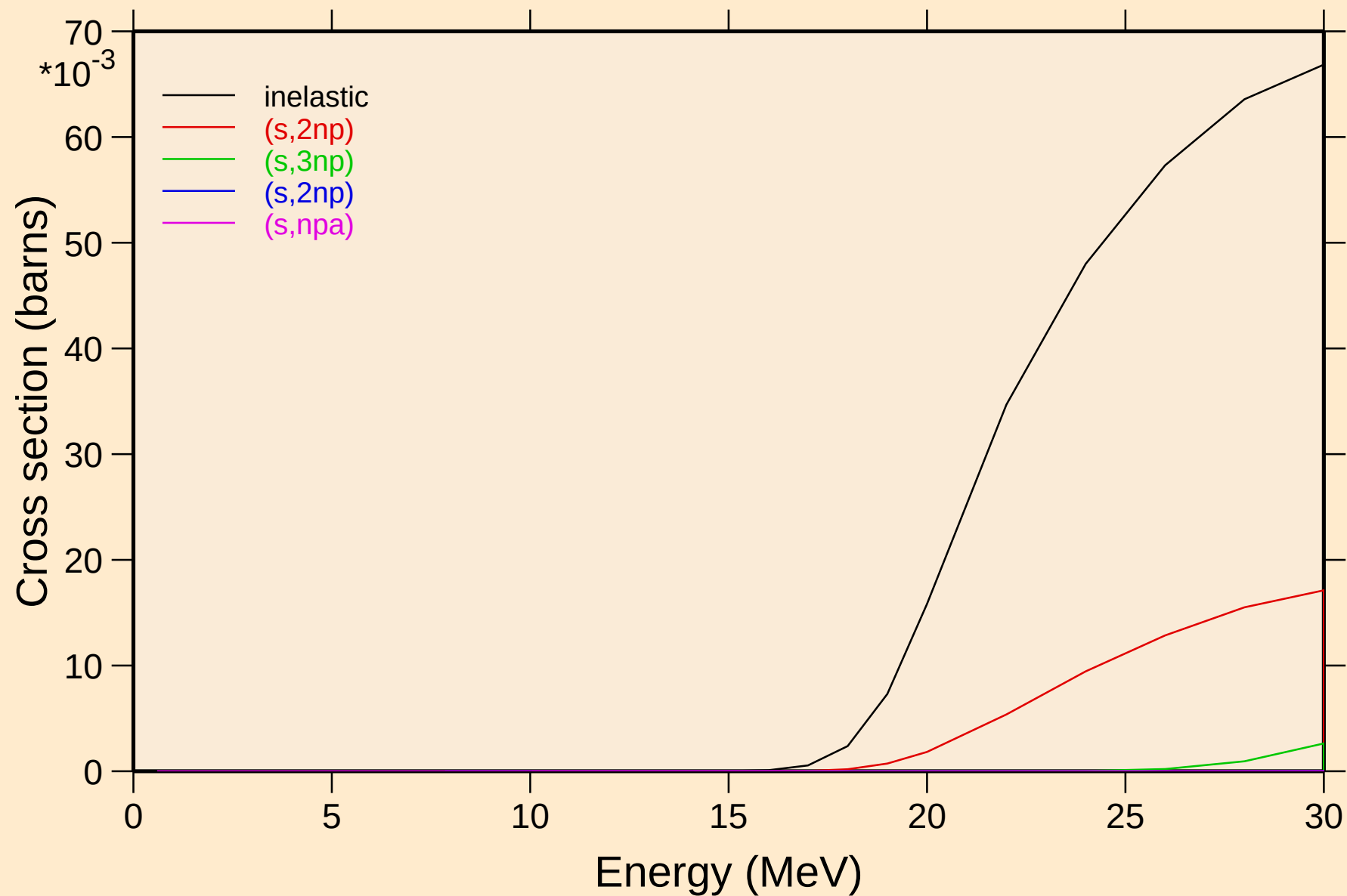
## Threshold reactions



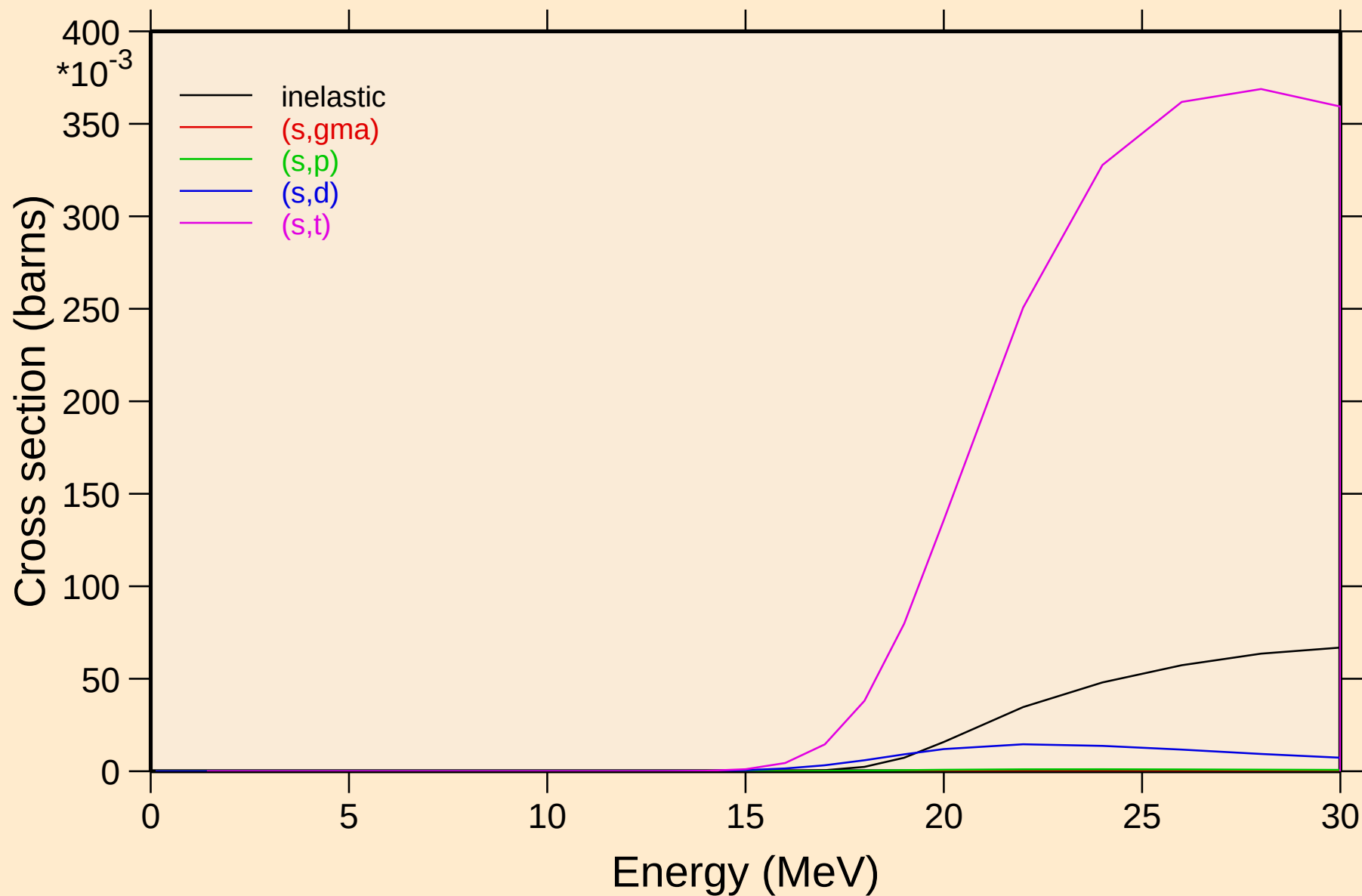


# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

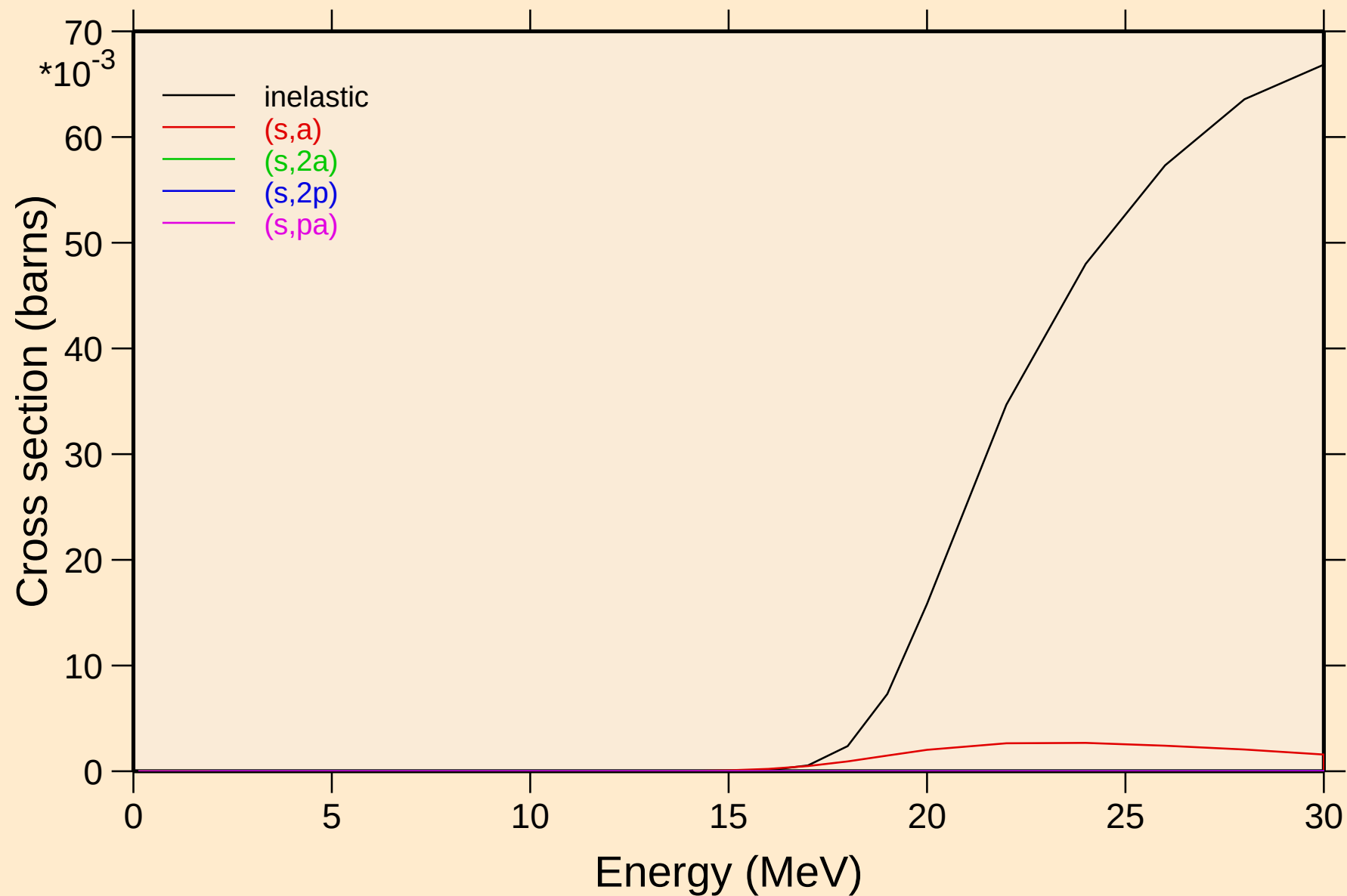


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



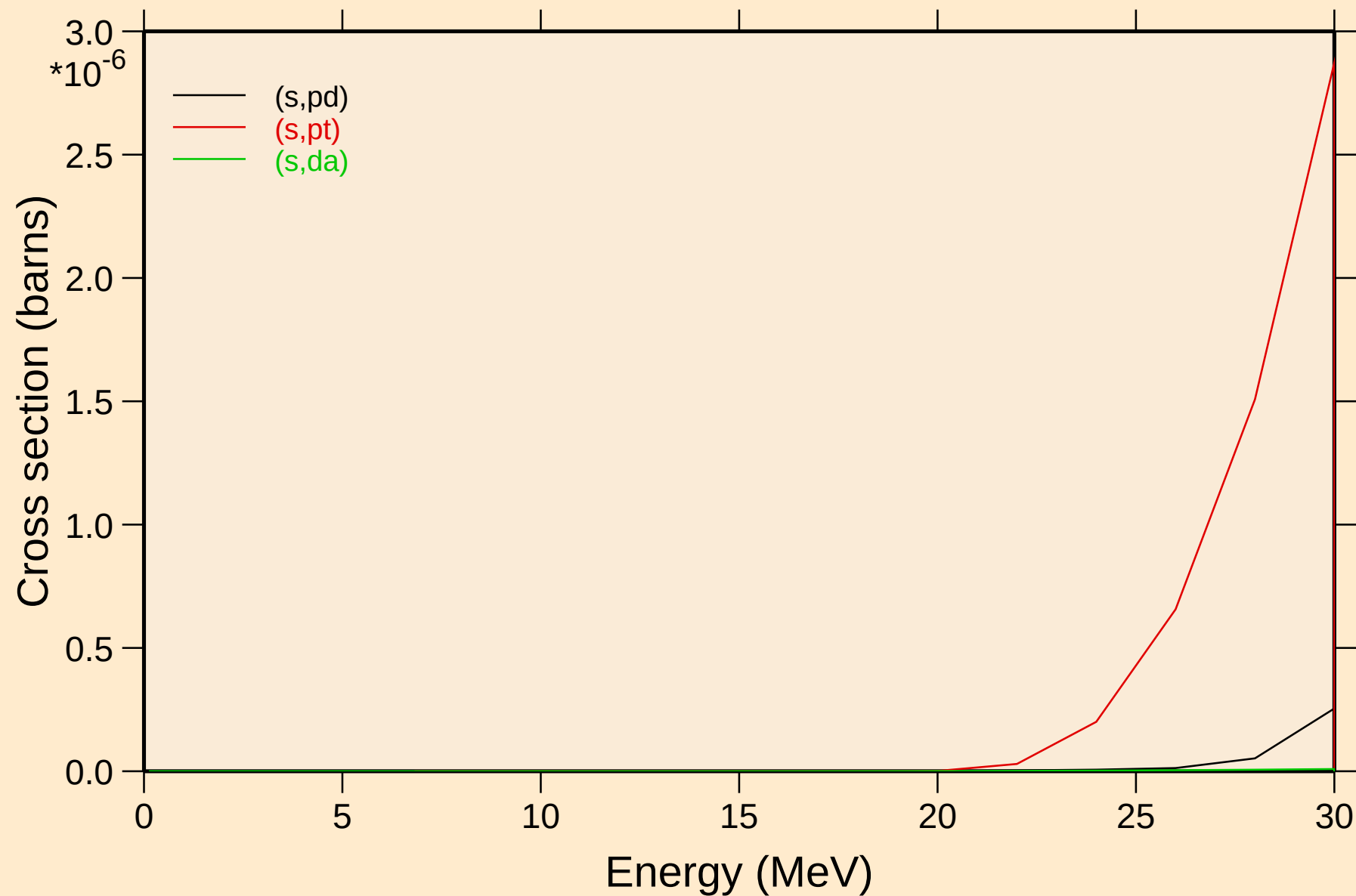
# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

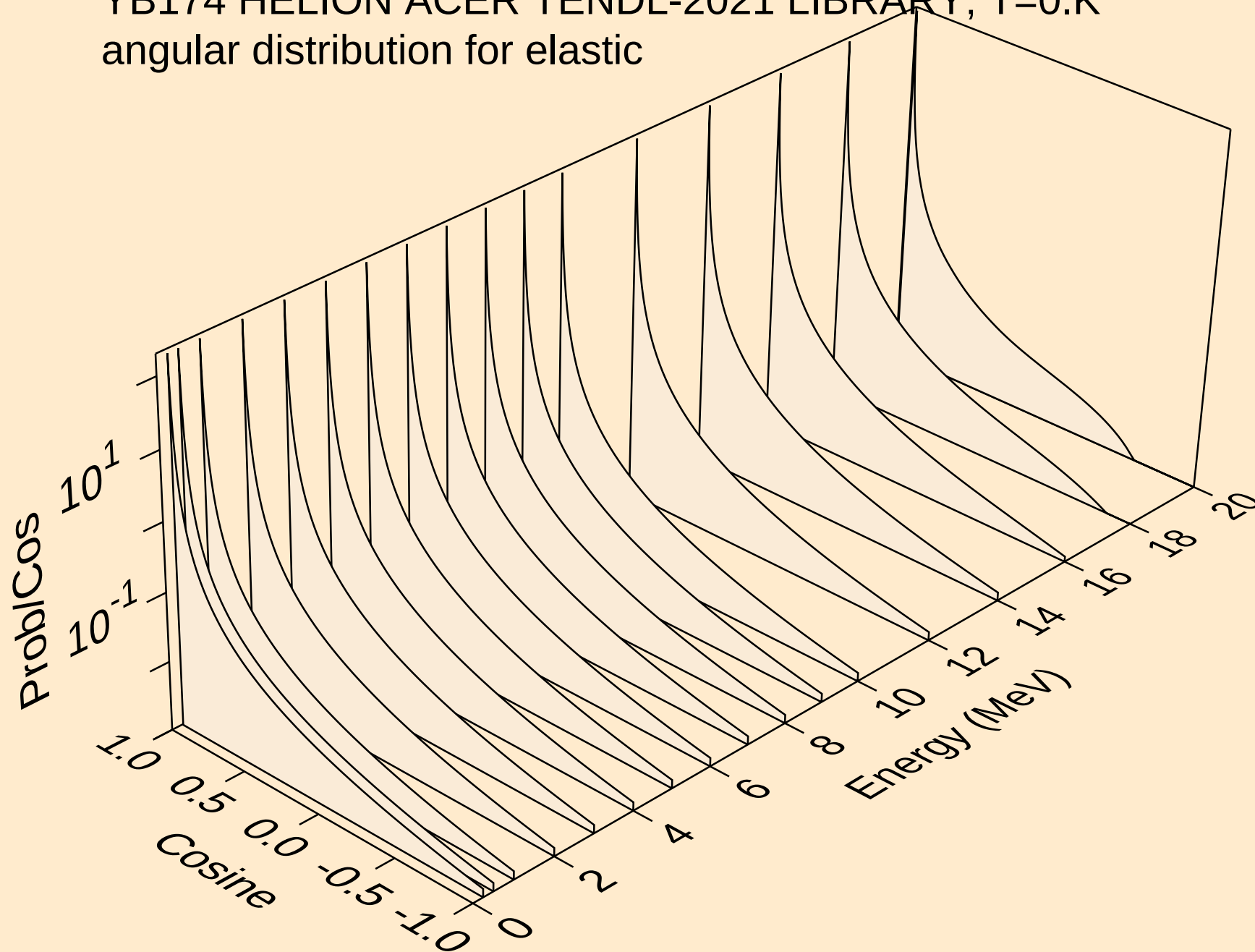


# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

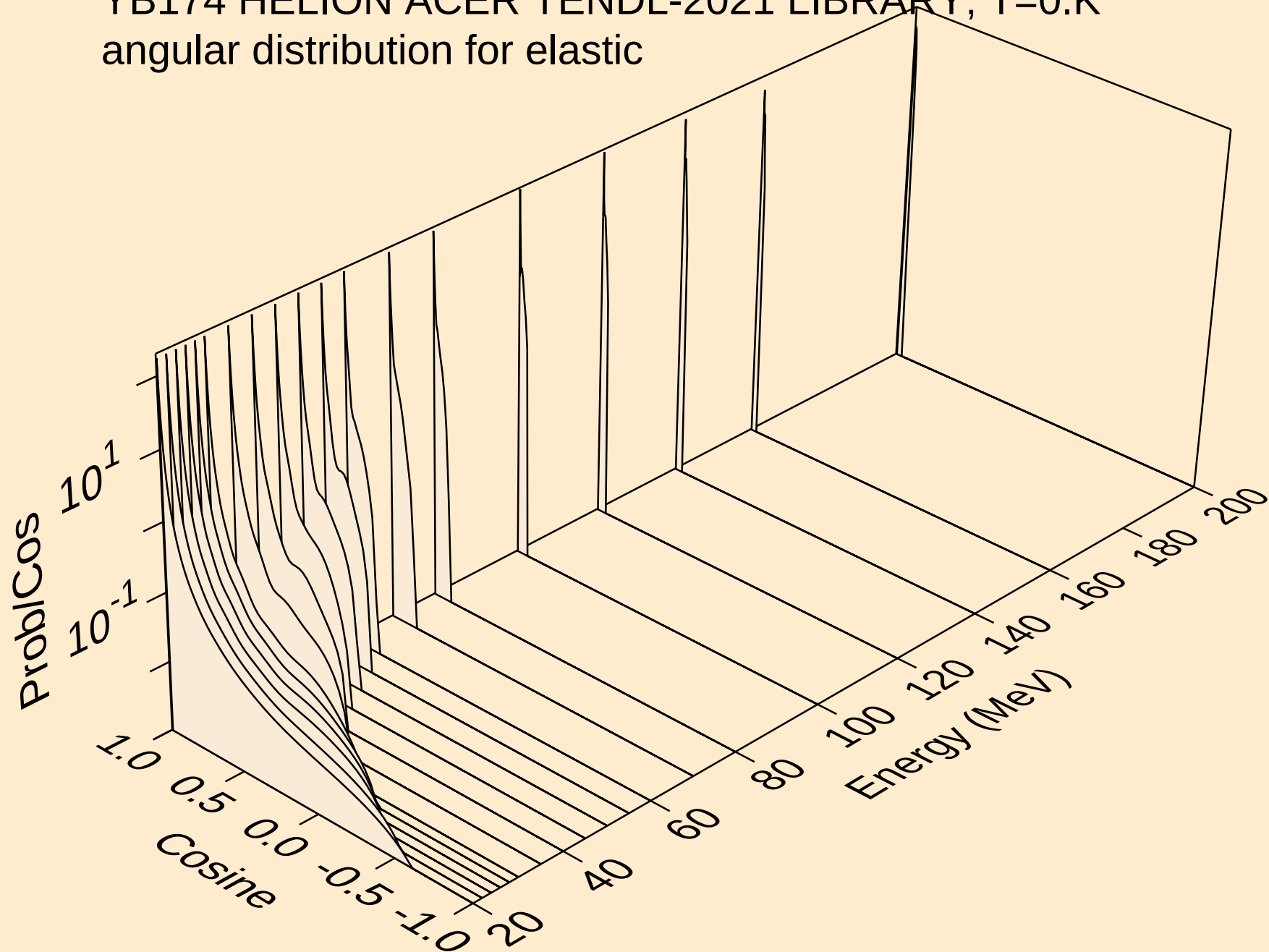
## Threshold reactions



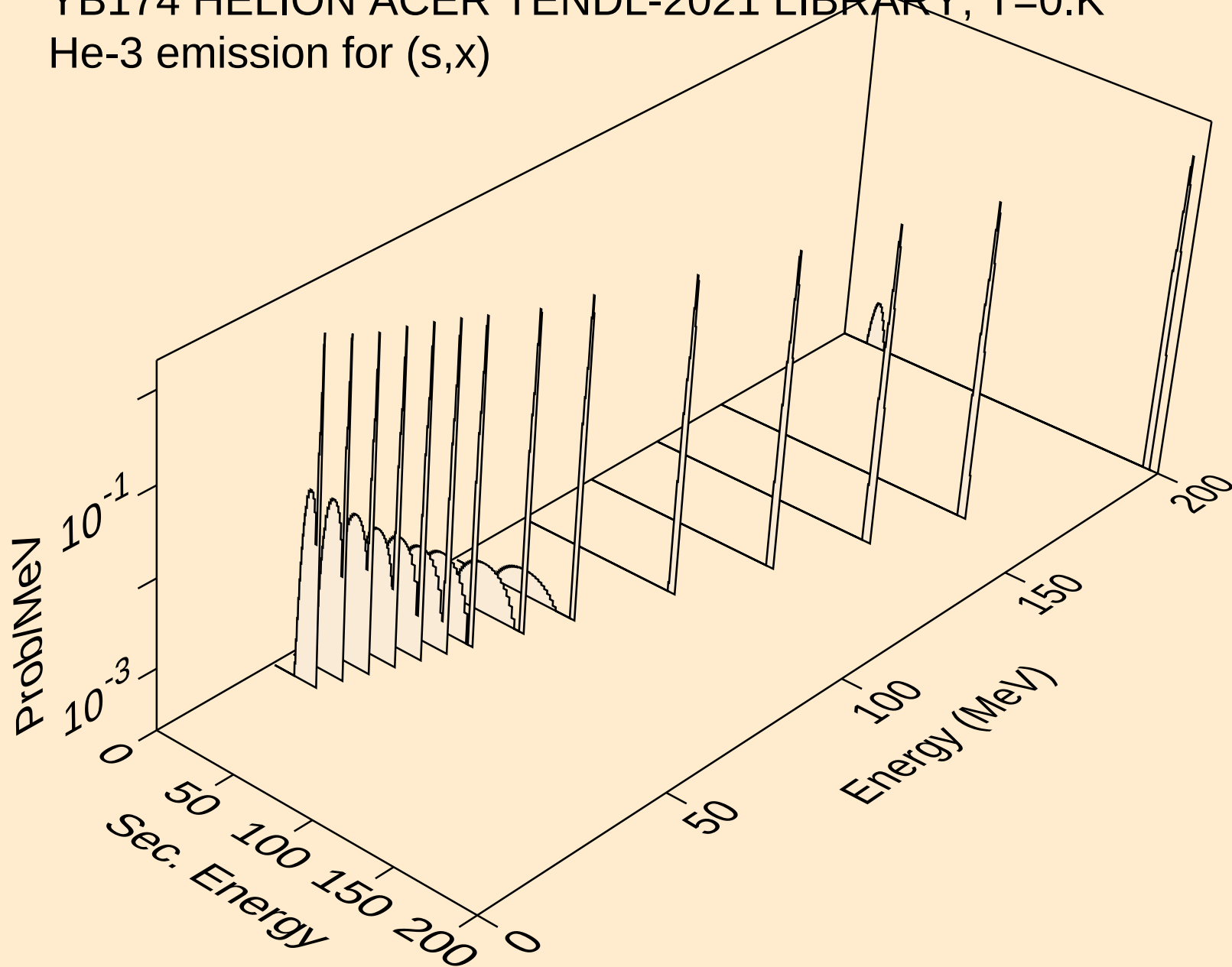
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



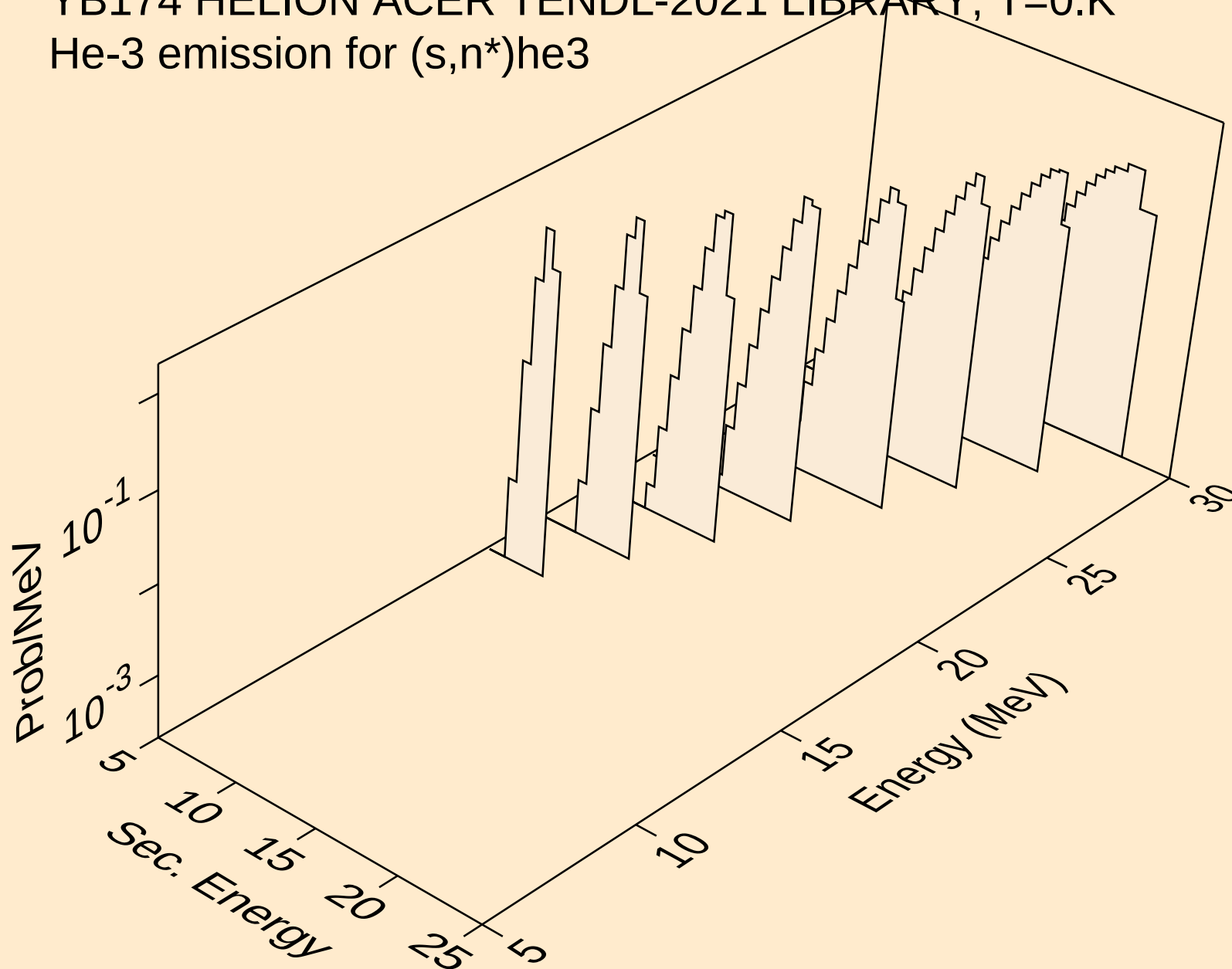
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

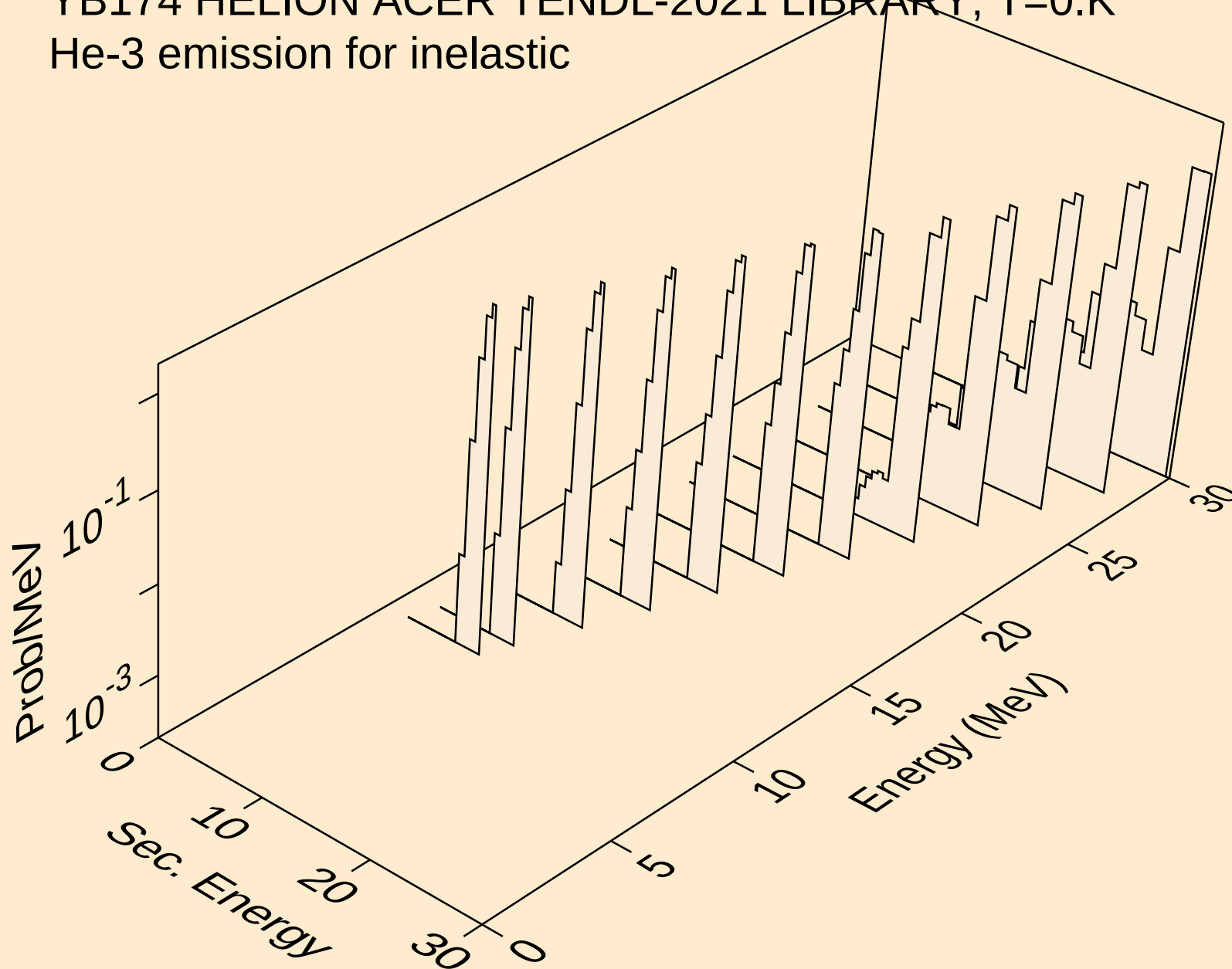


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

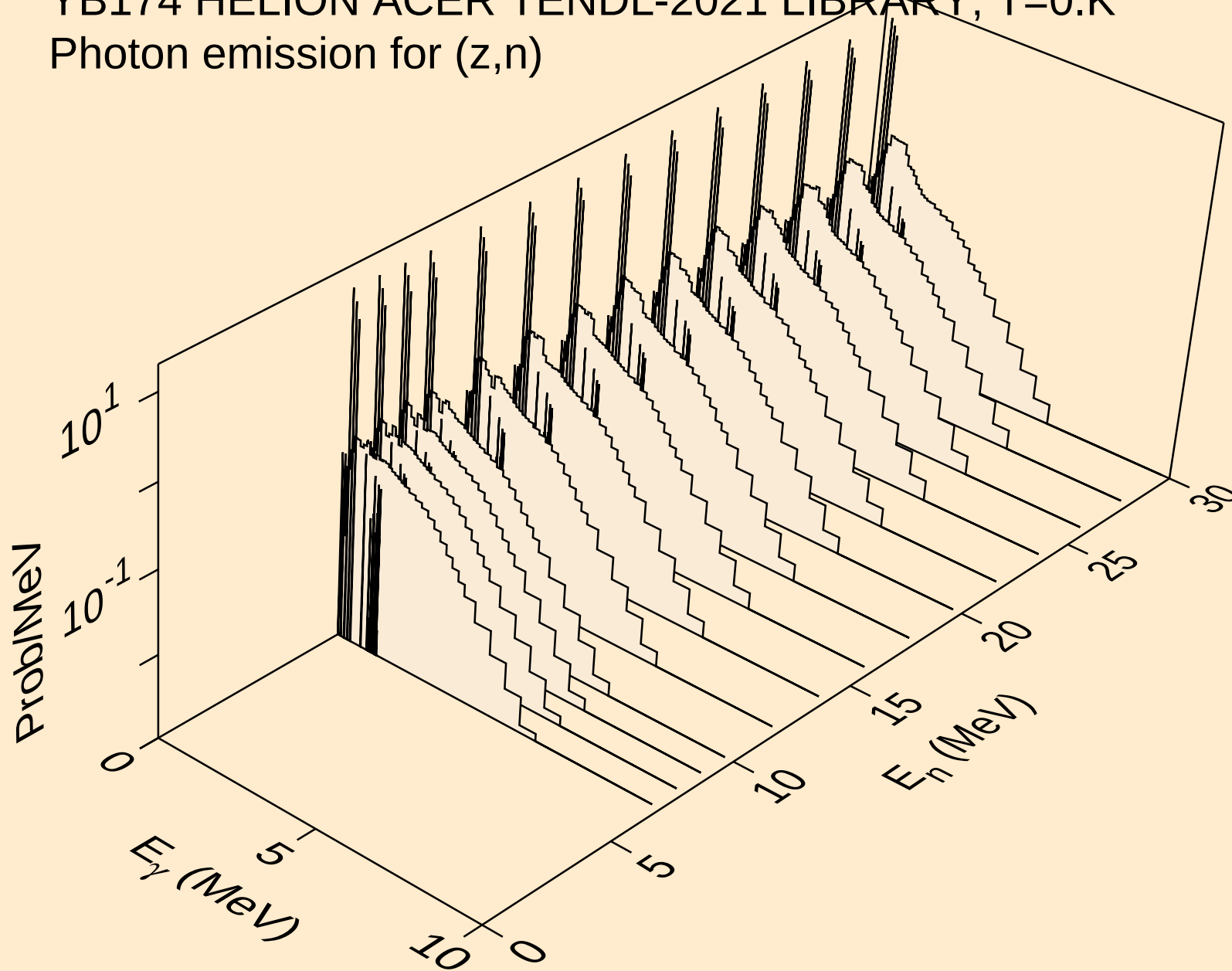




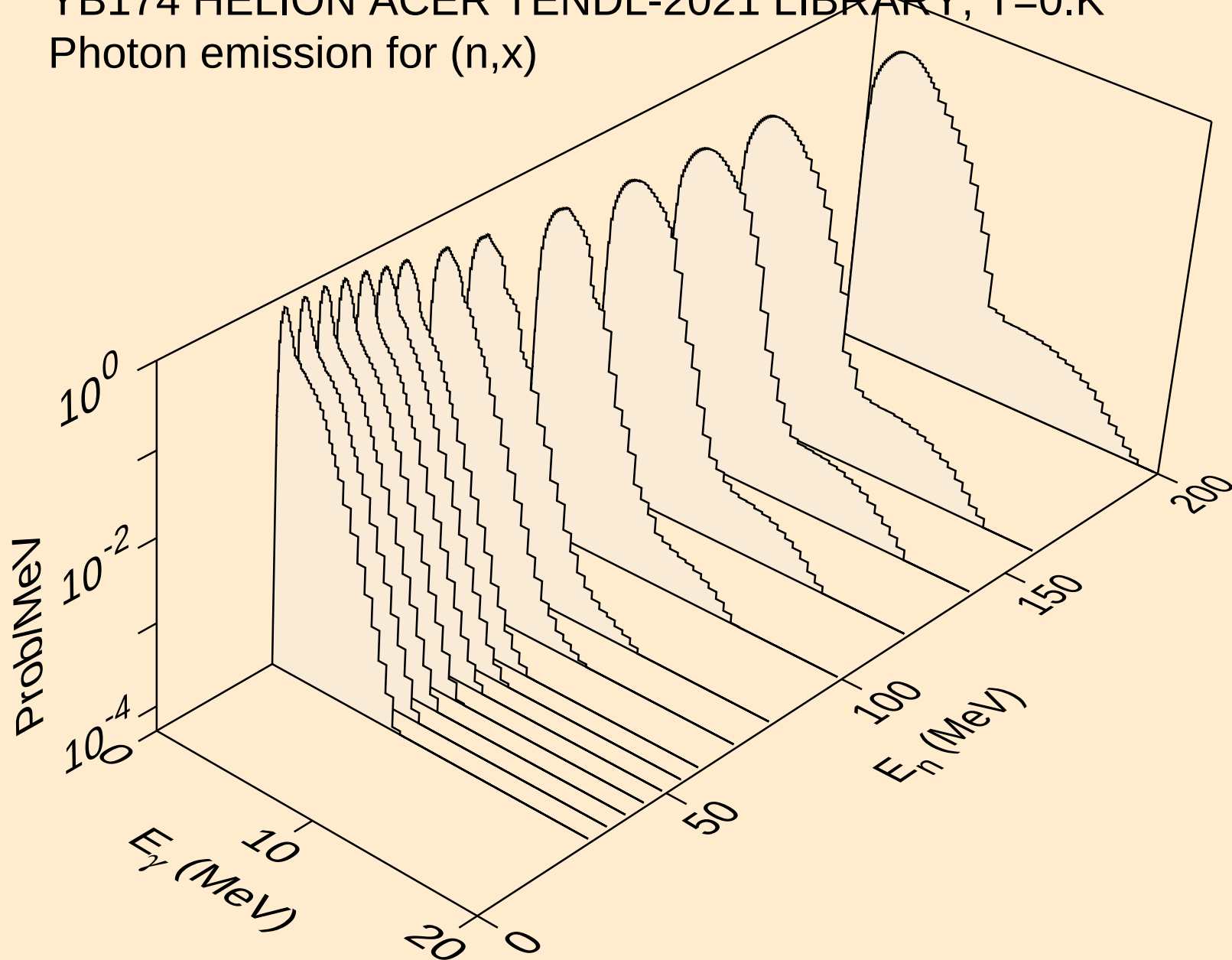
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



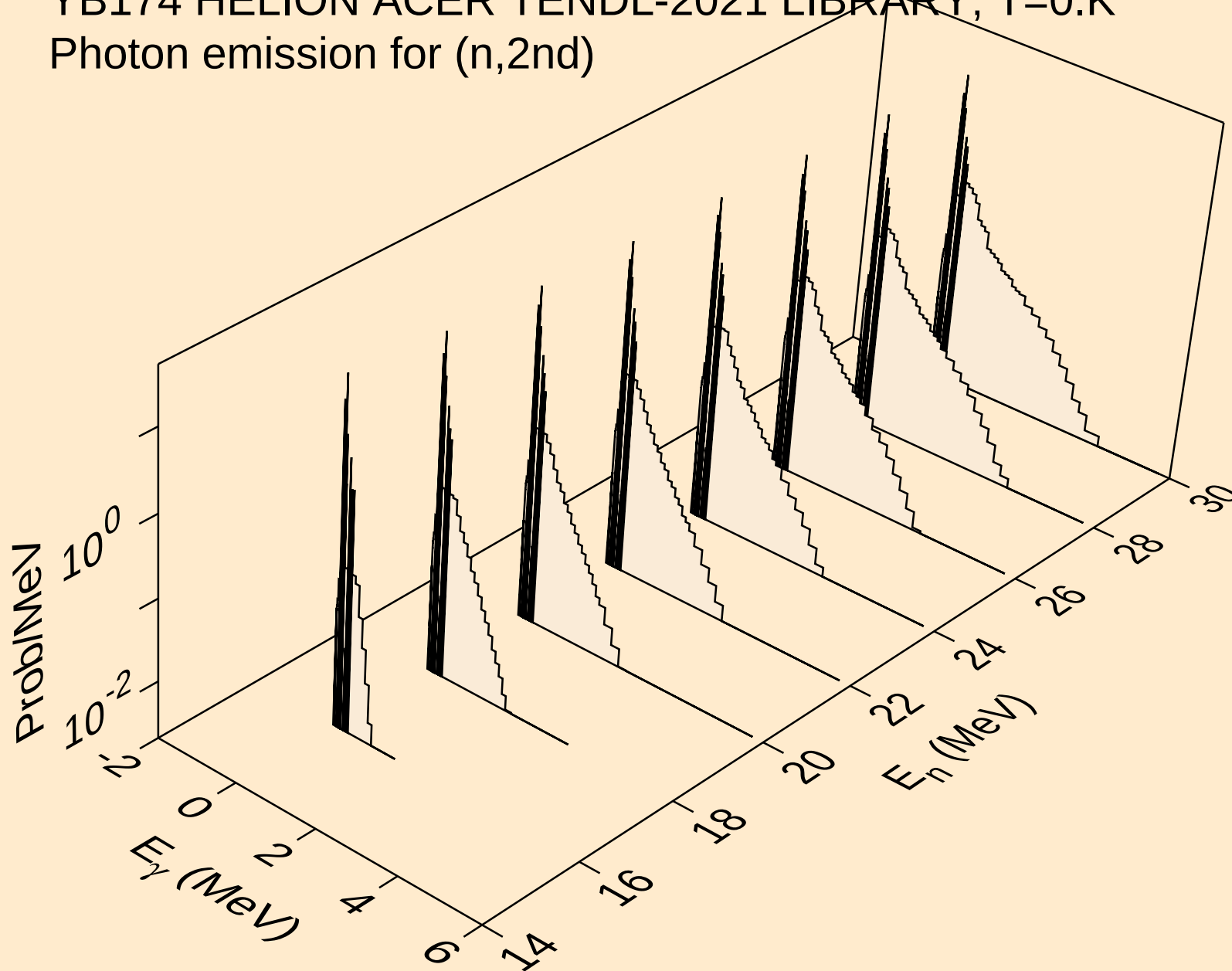
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



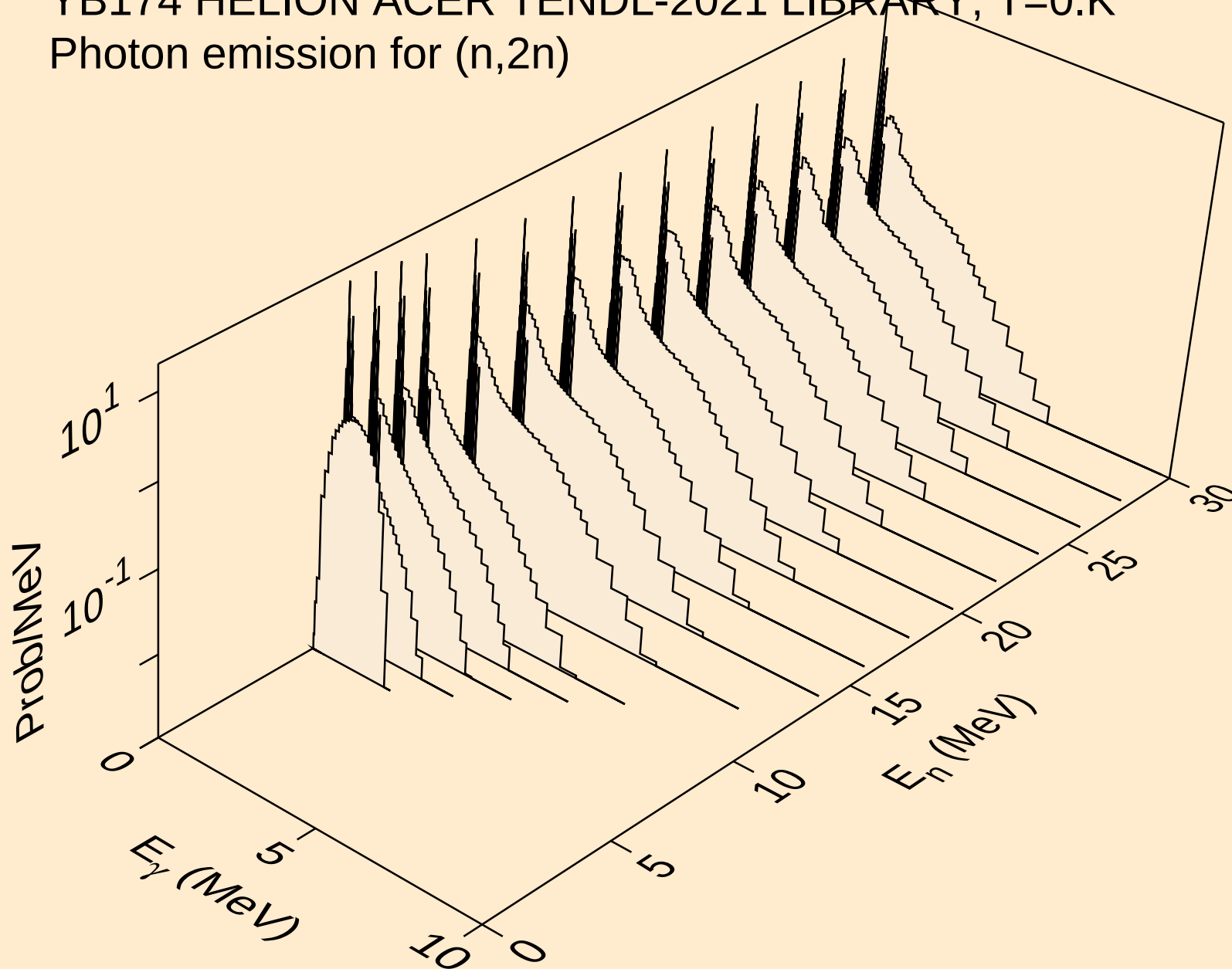
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



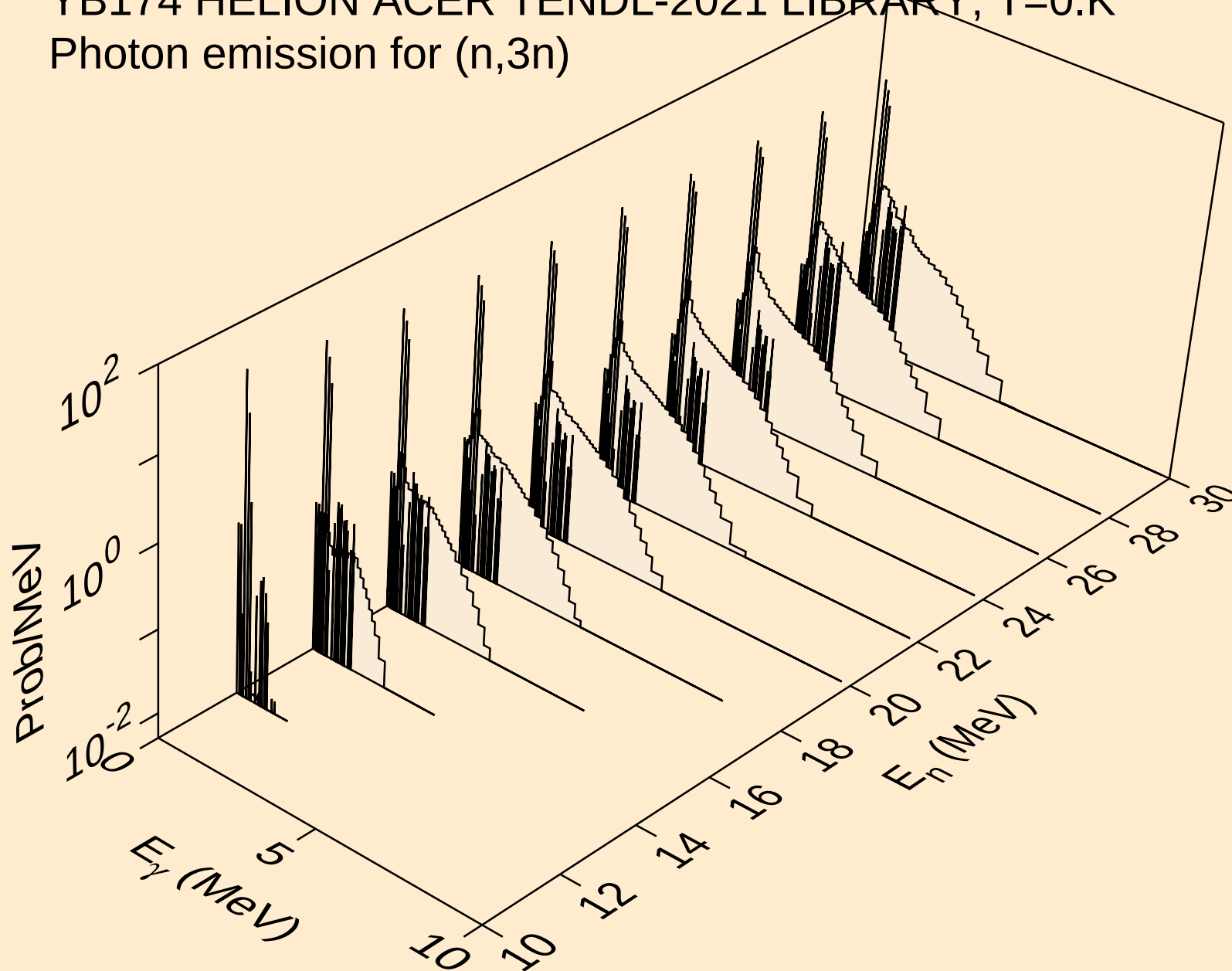
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



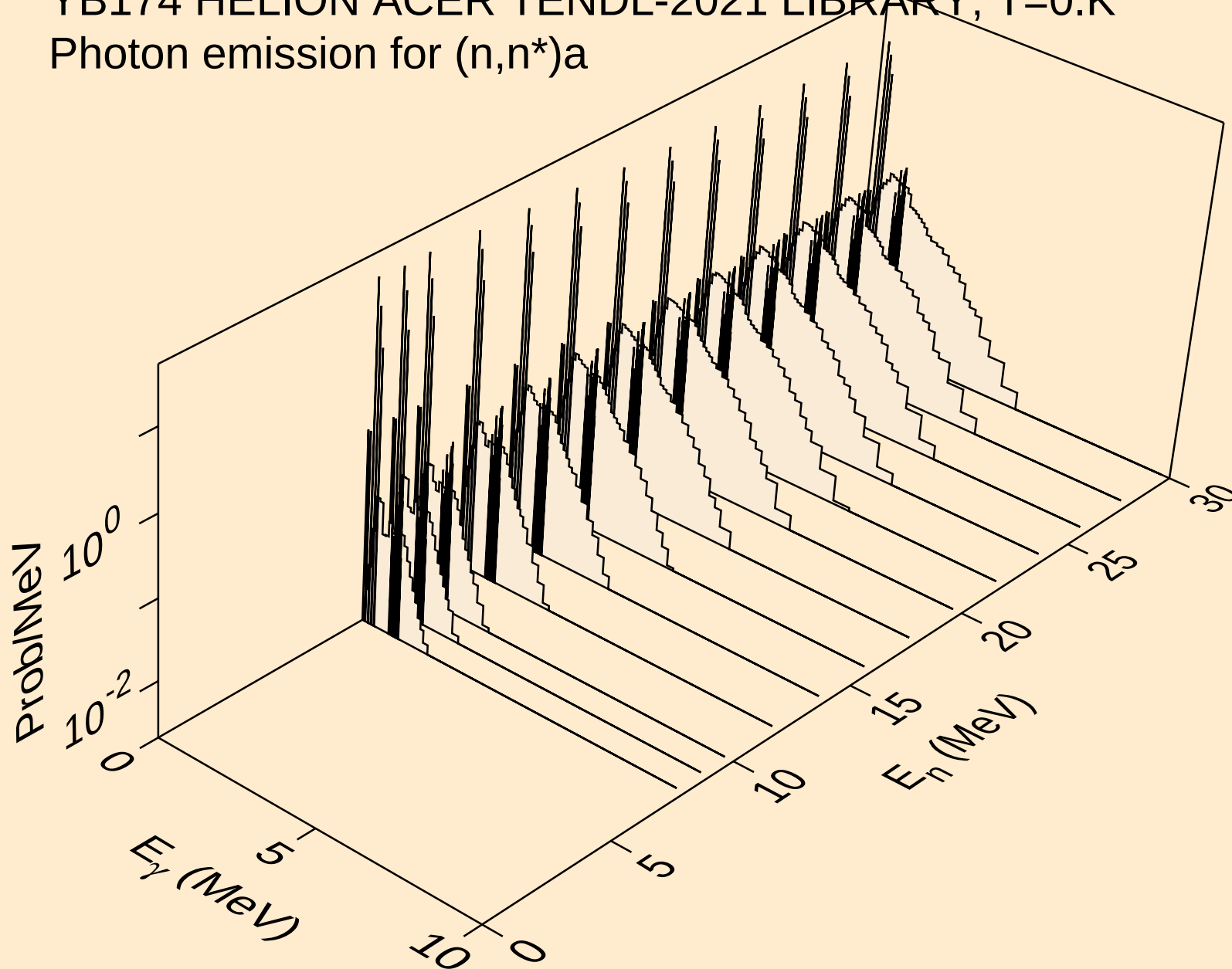
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



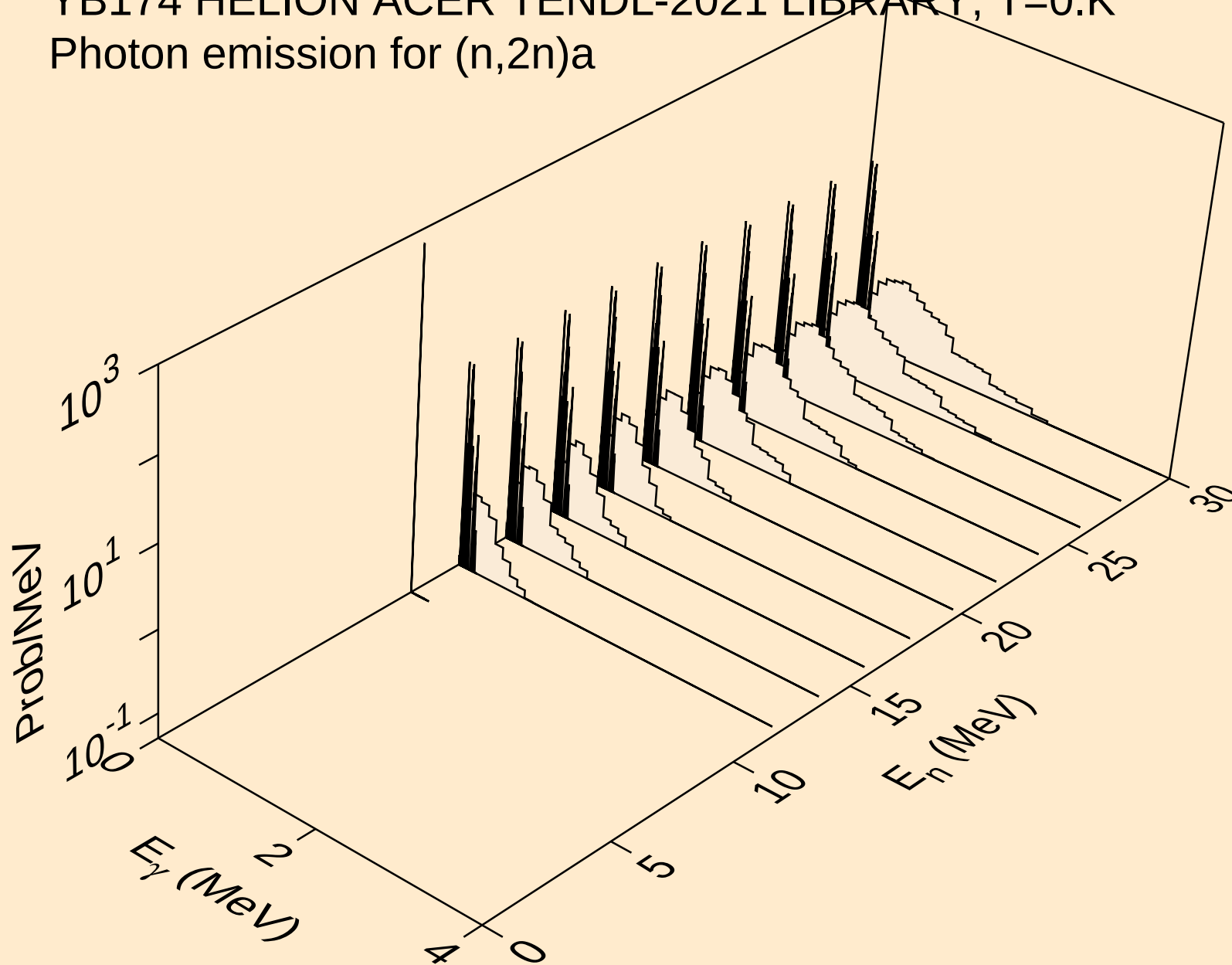
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

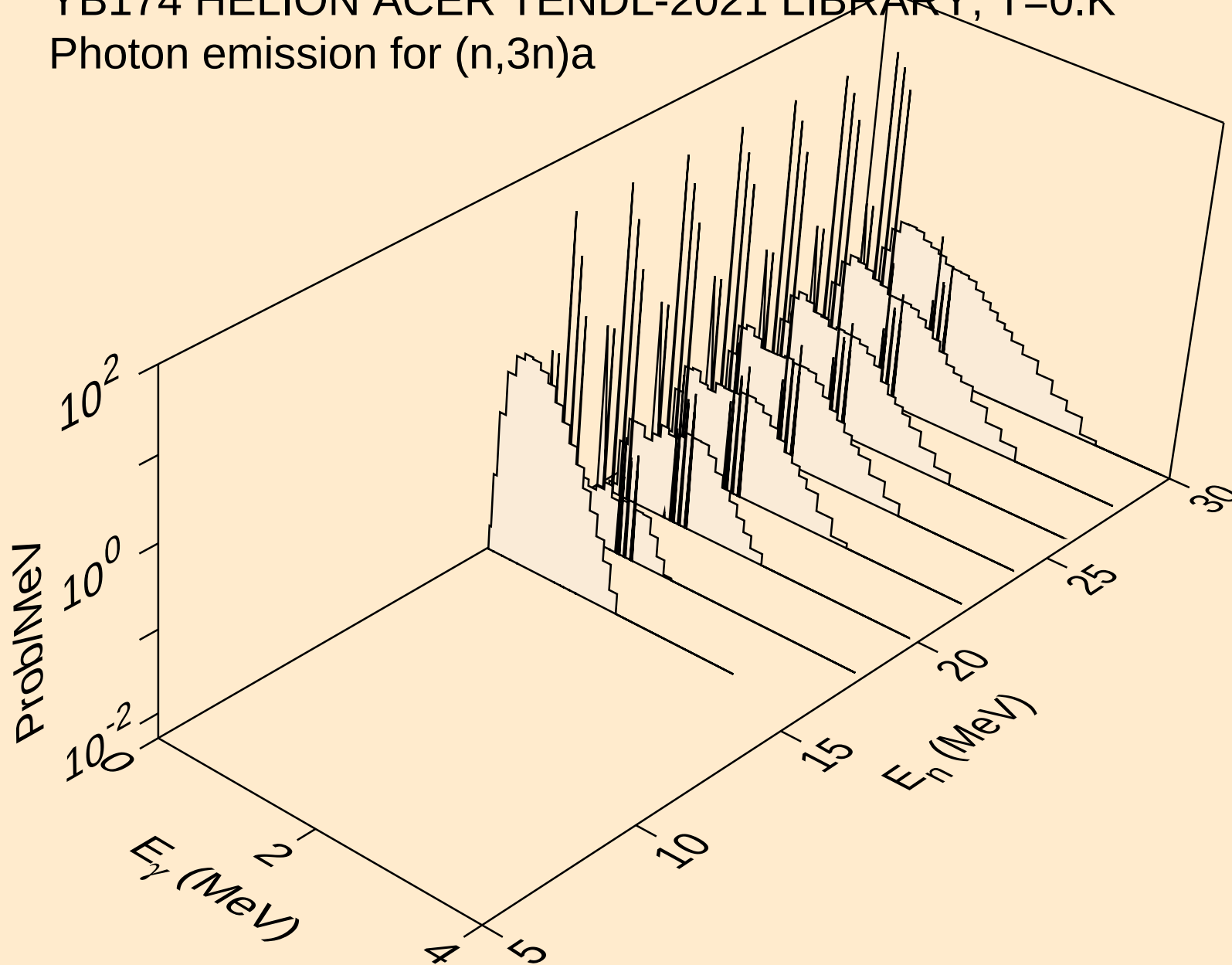


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

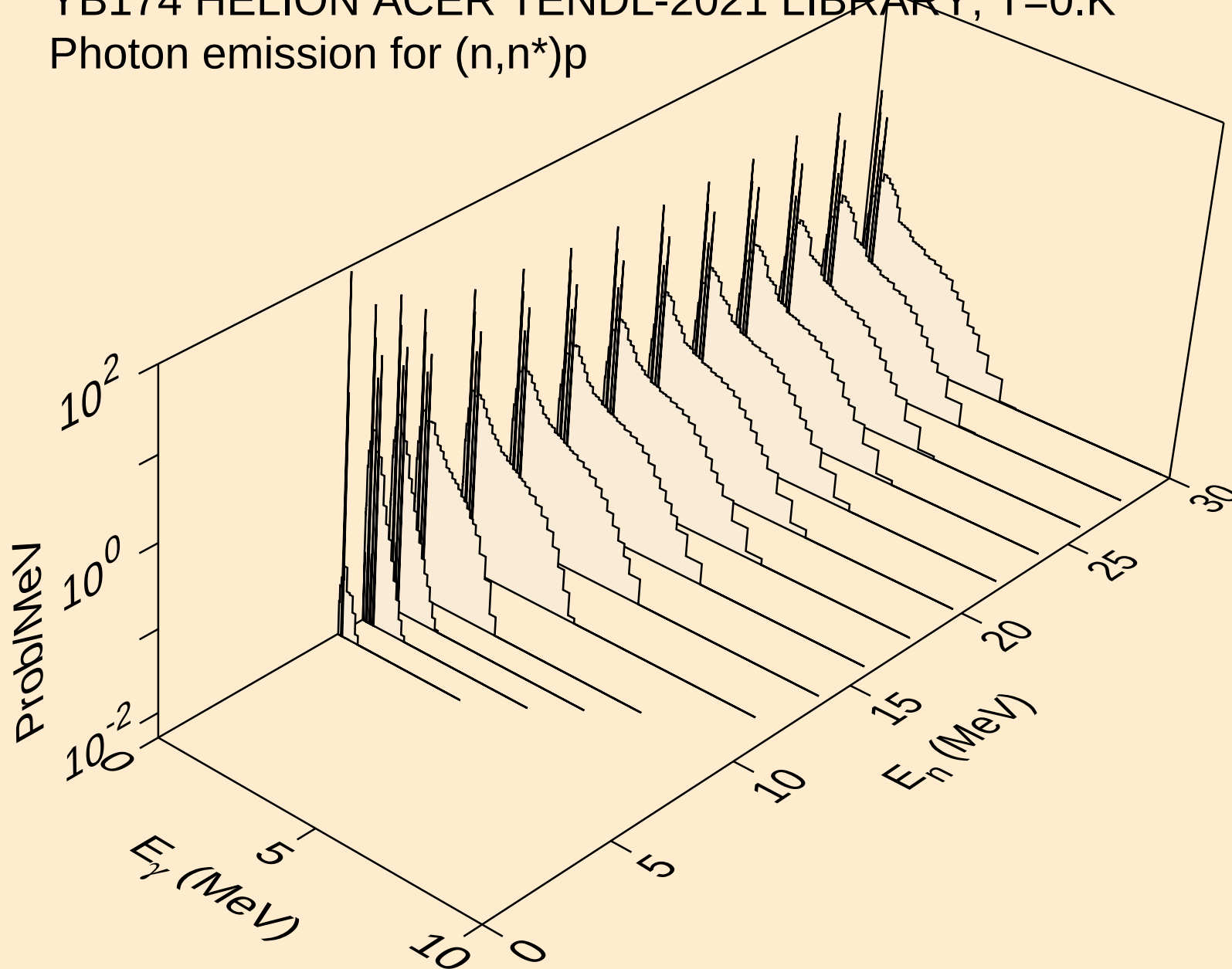




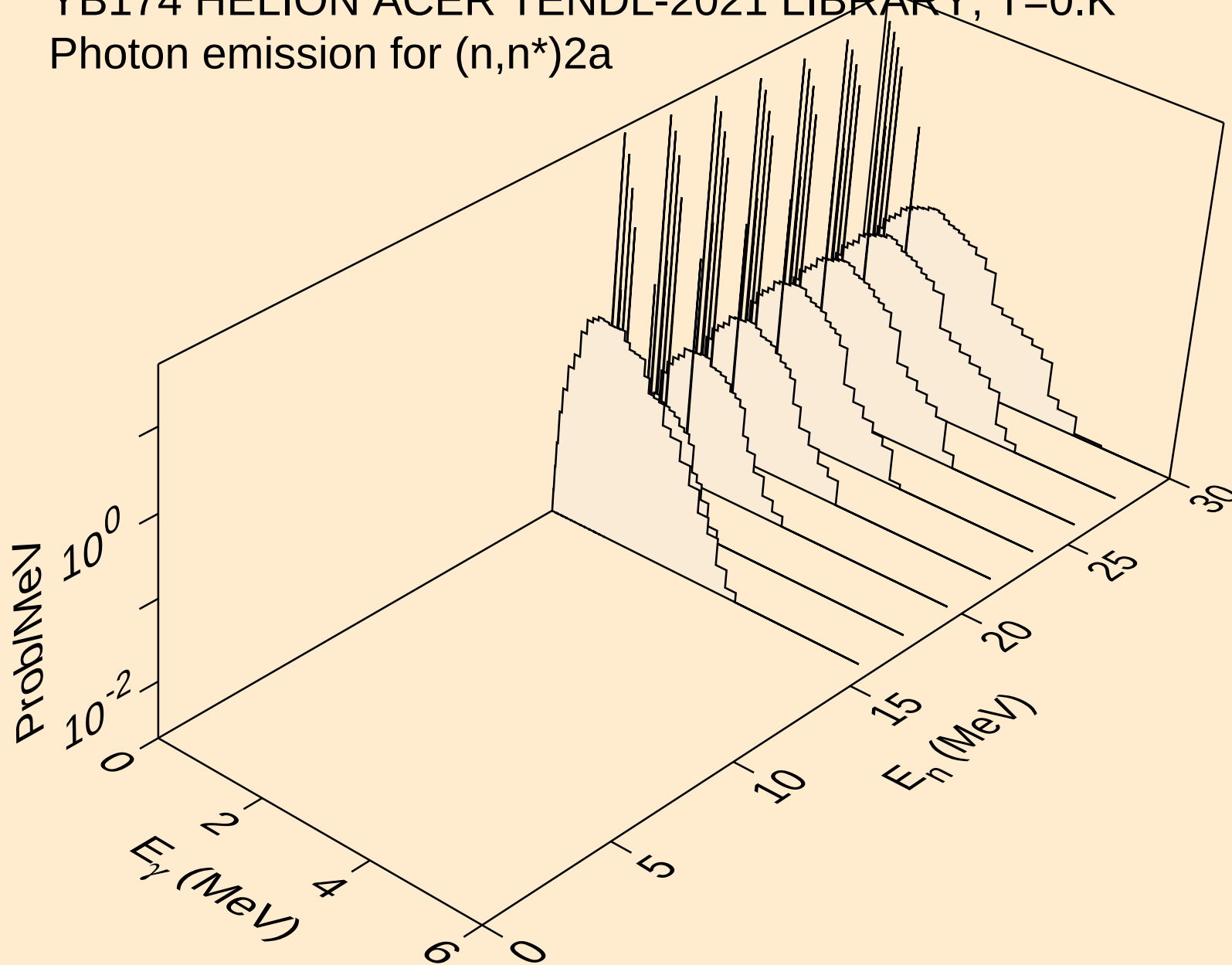
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



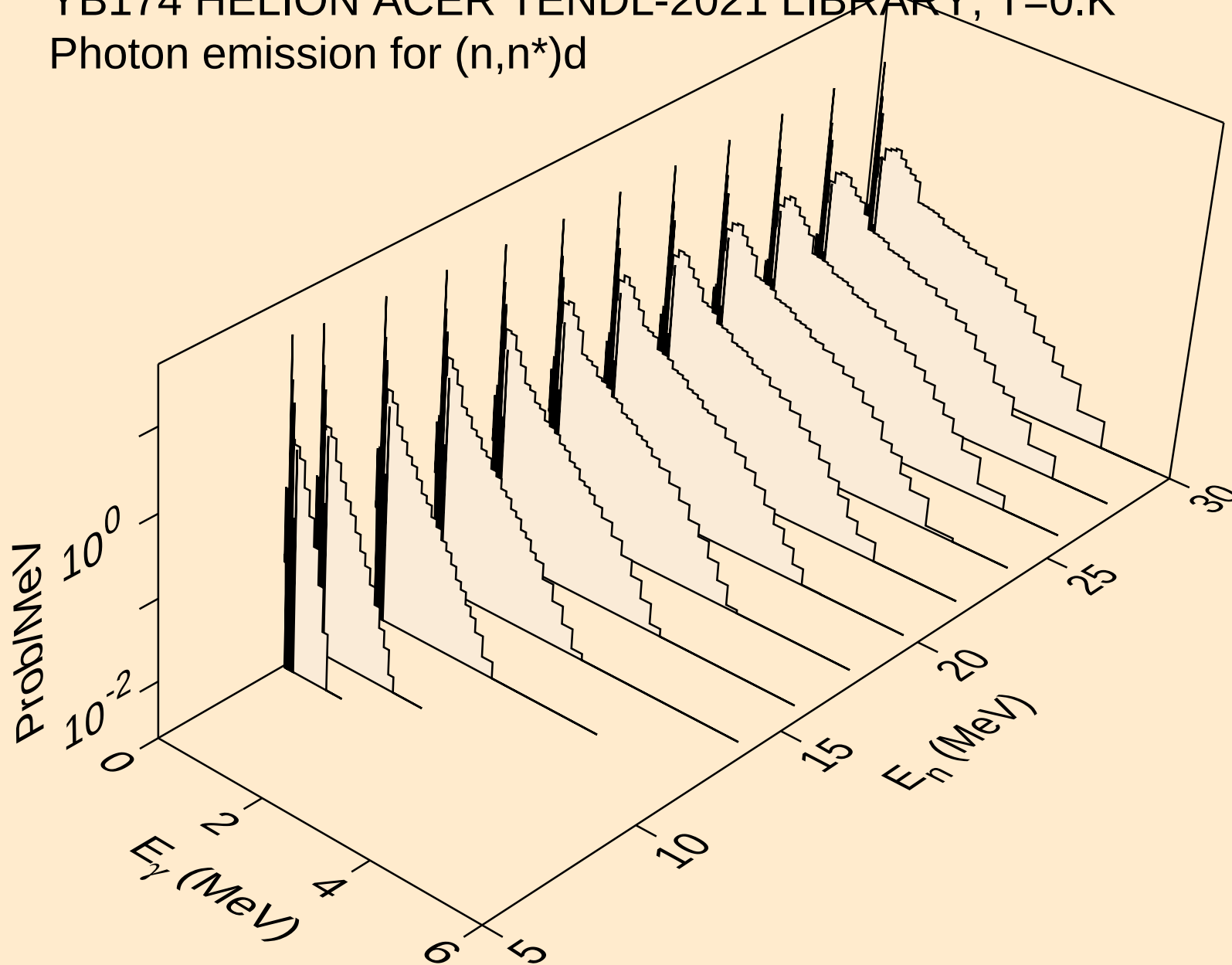
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

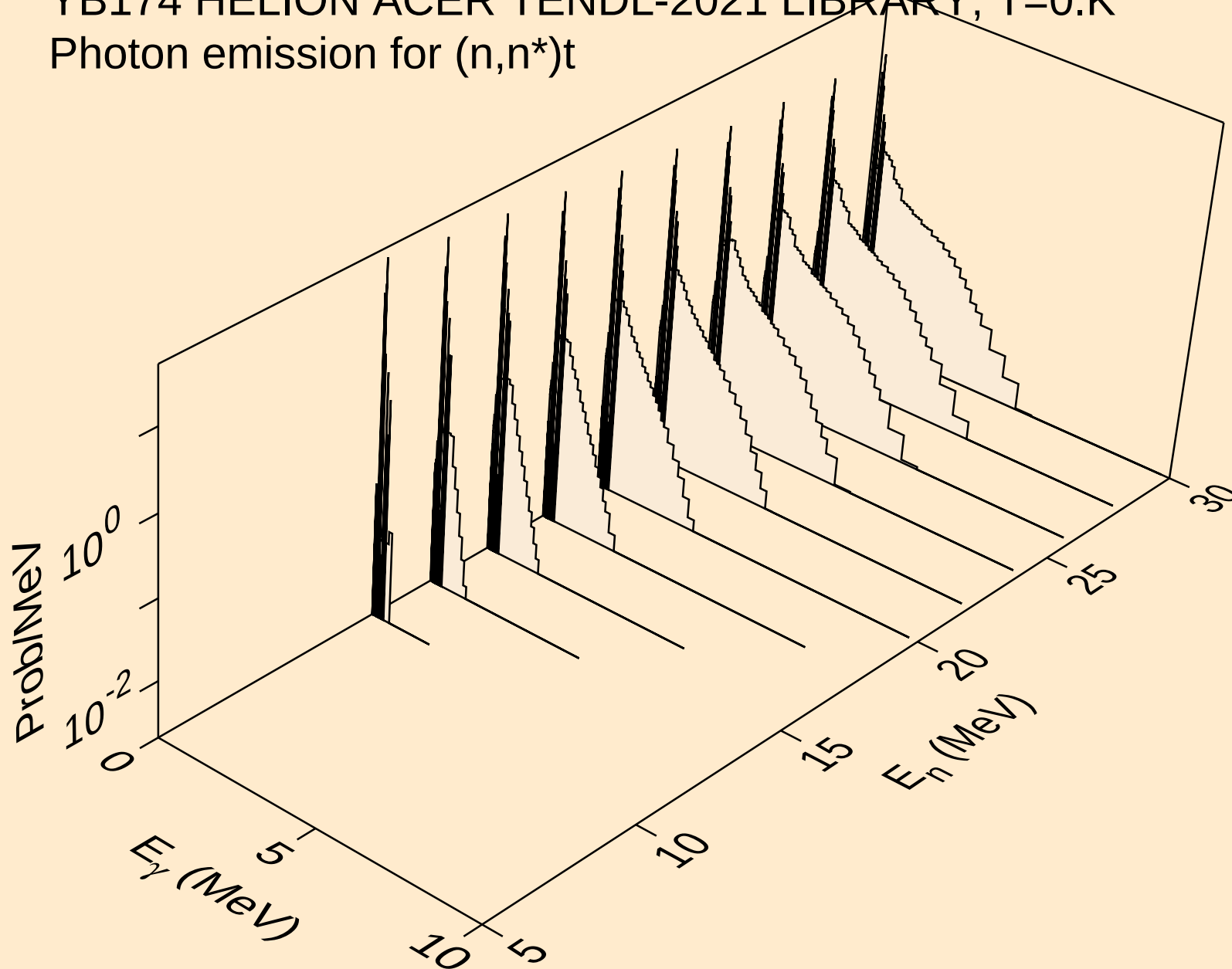


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

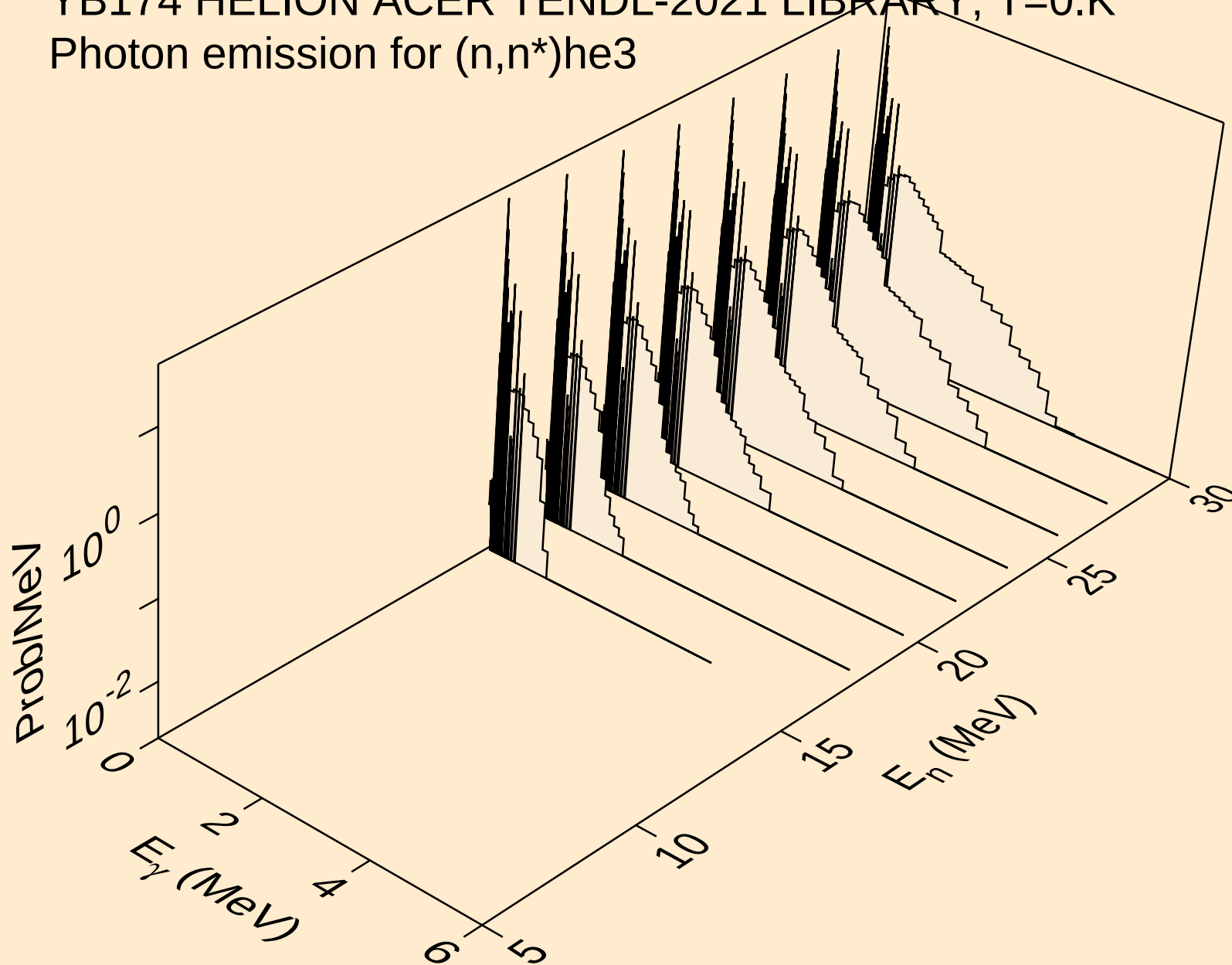


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

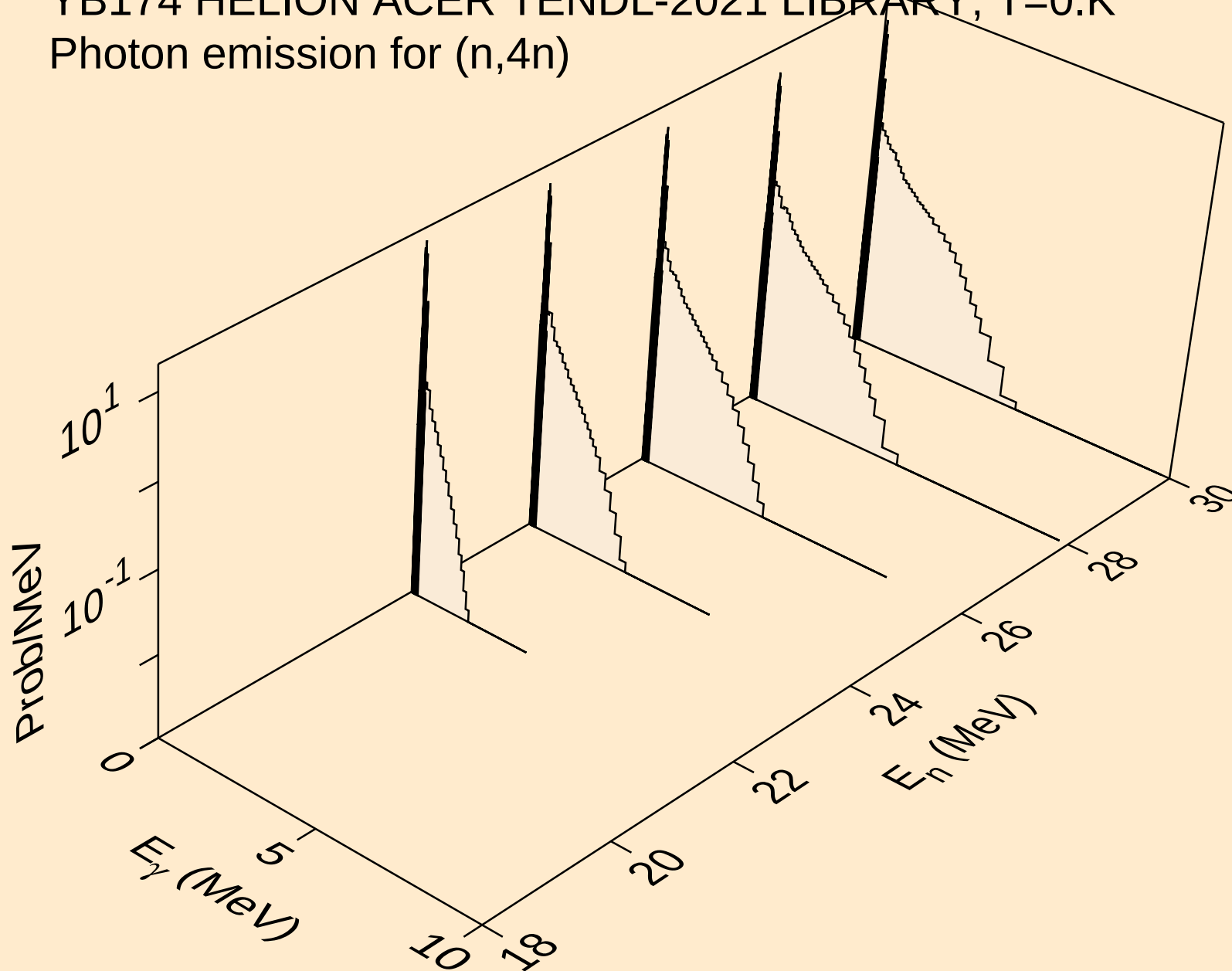
Photon emission for (n,n\*)t



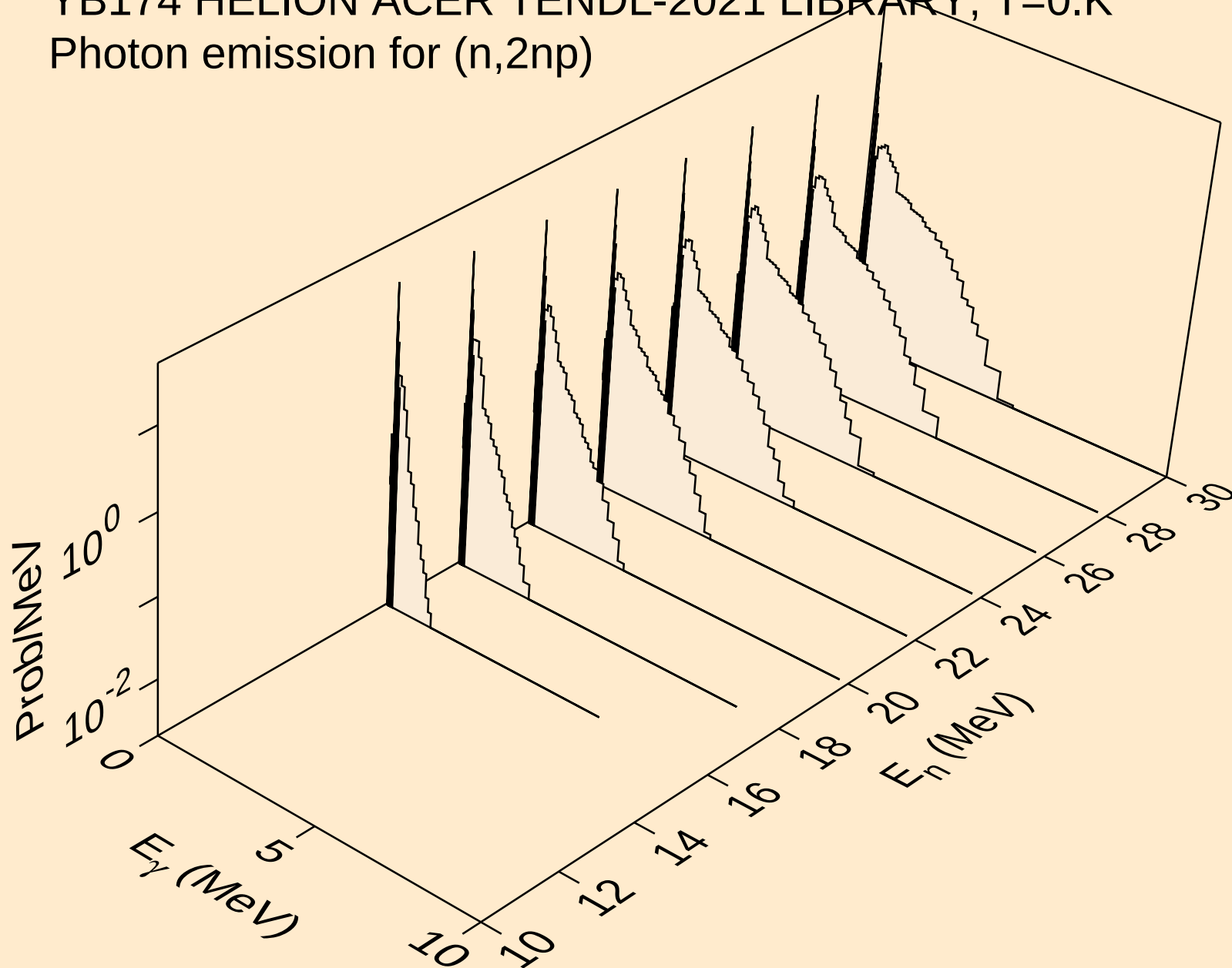
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

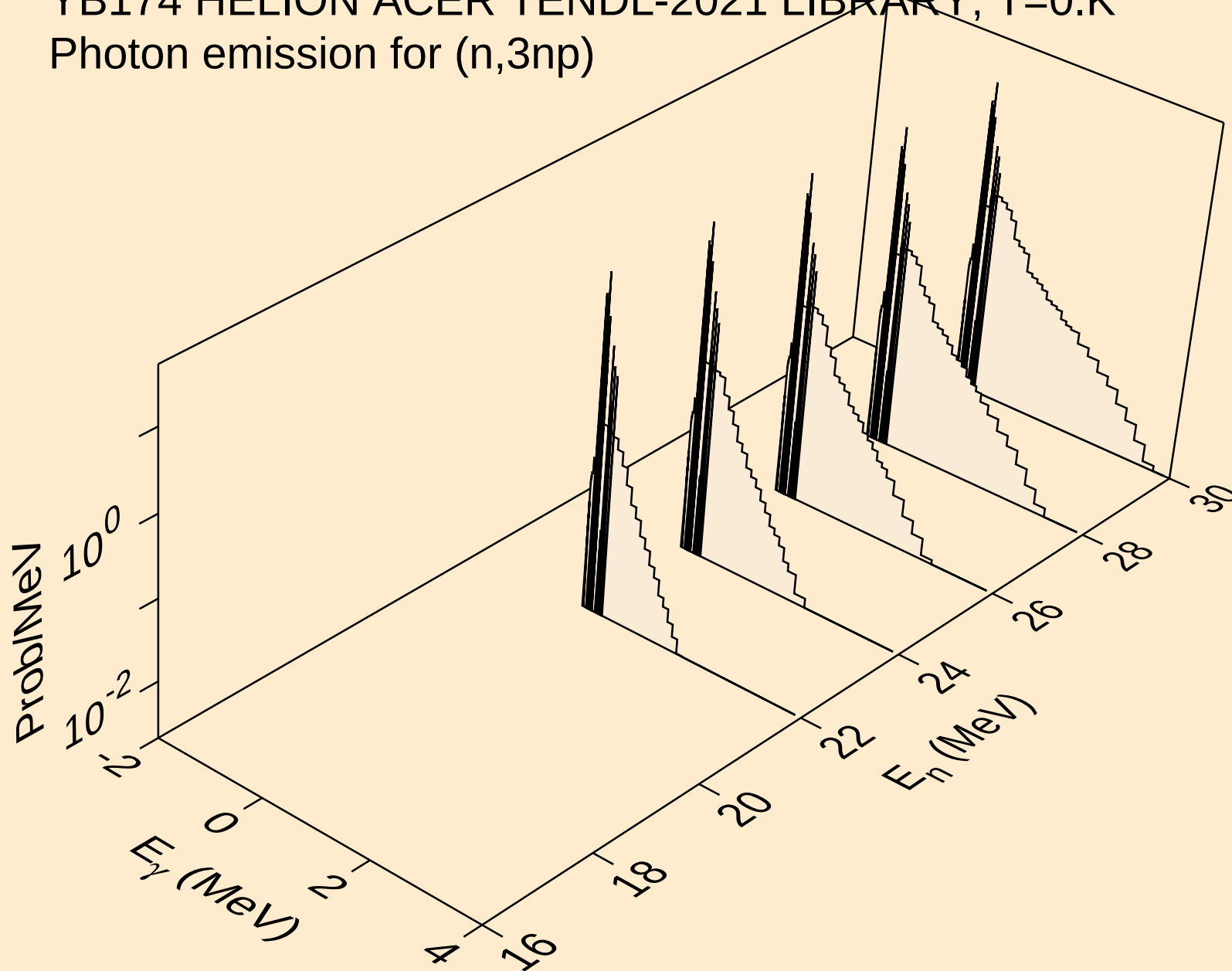


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

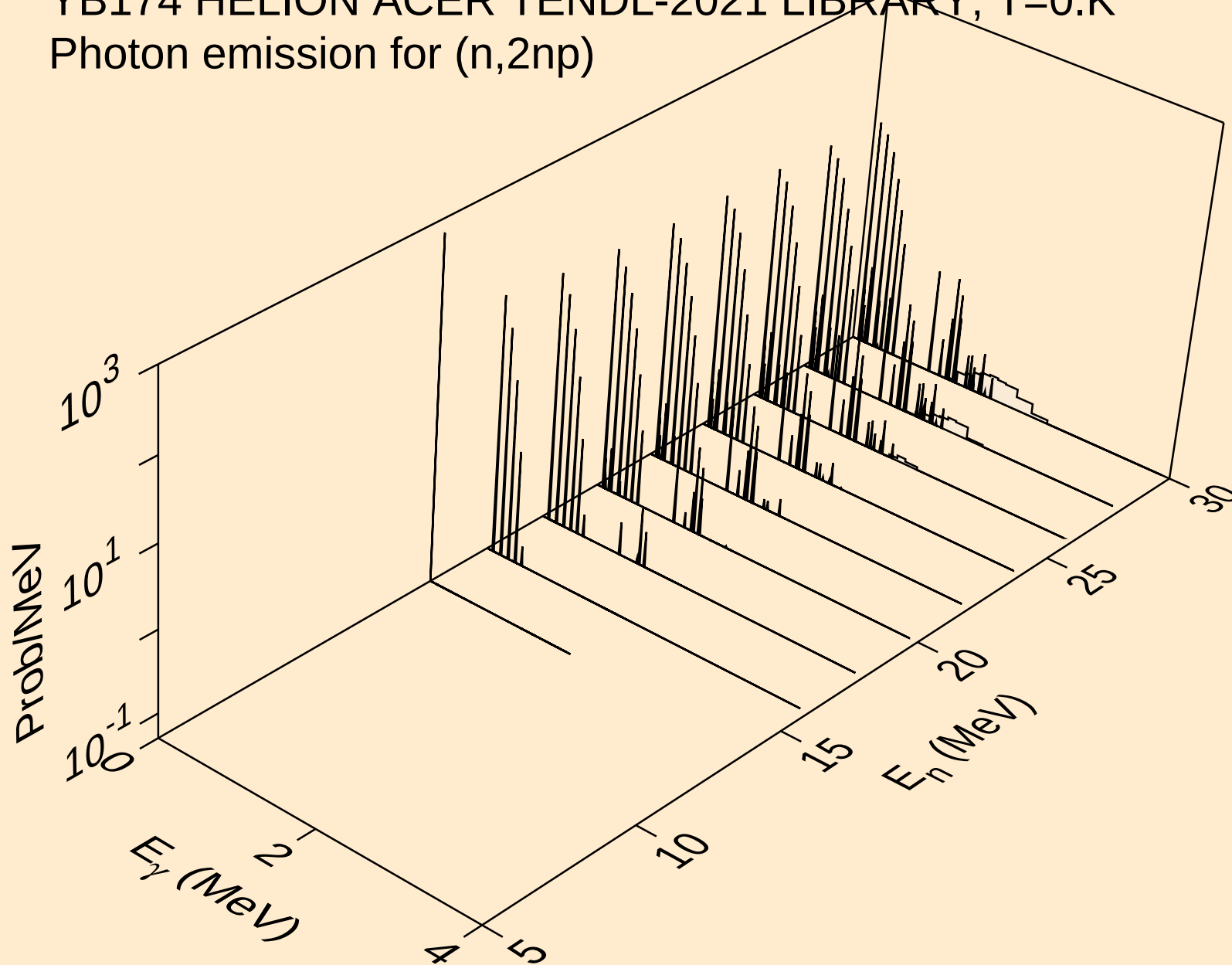




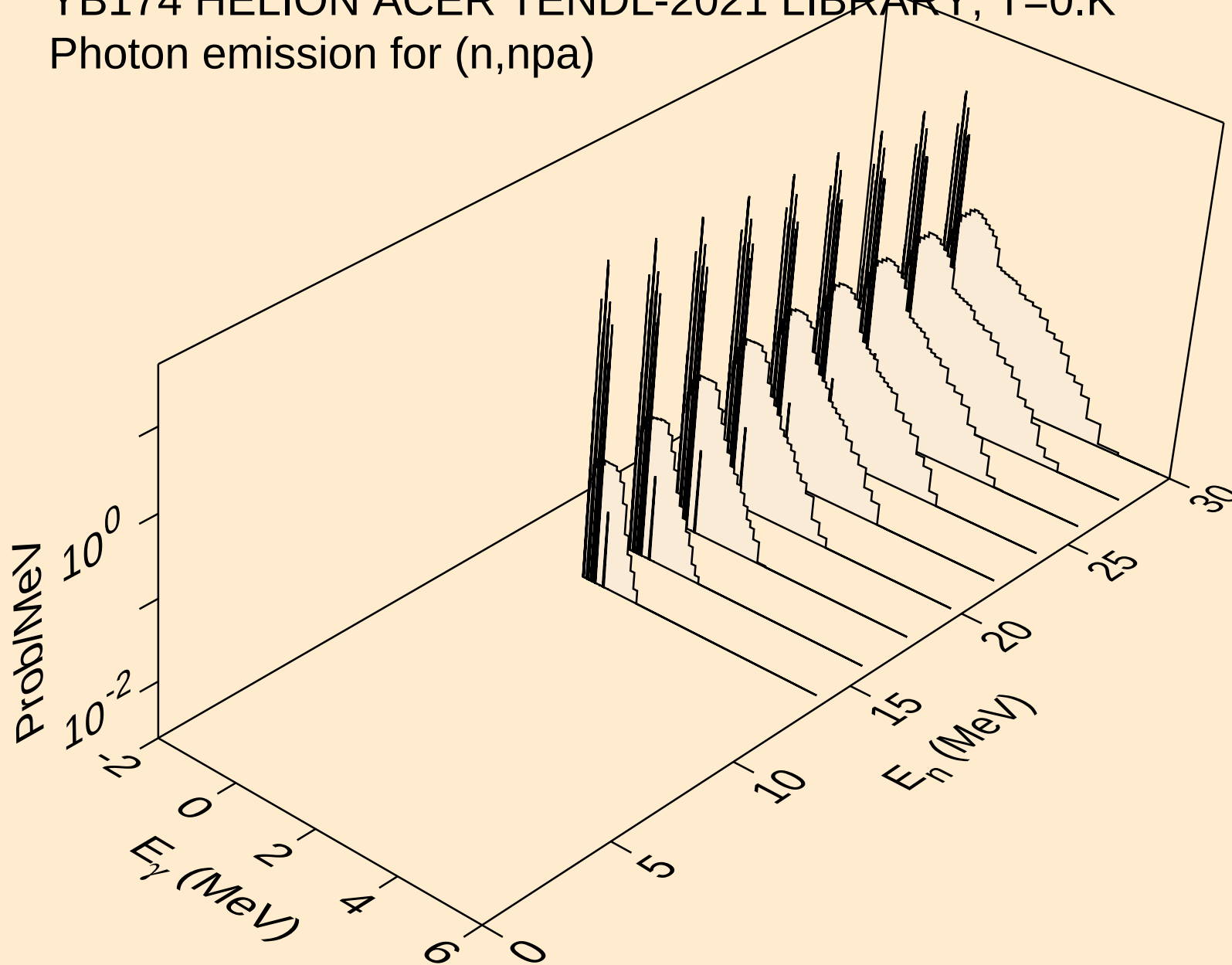
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



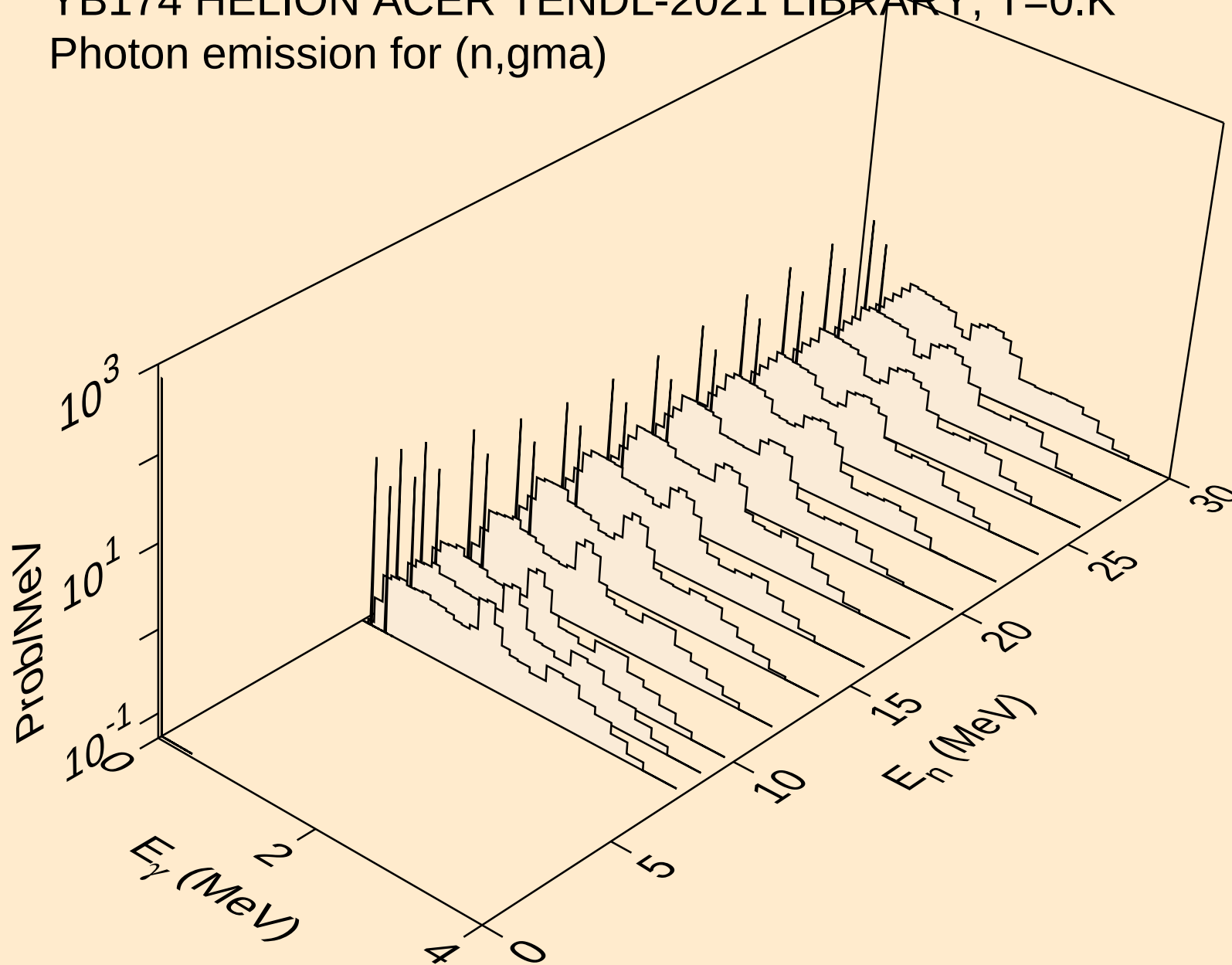
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



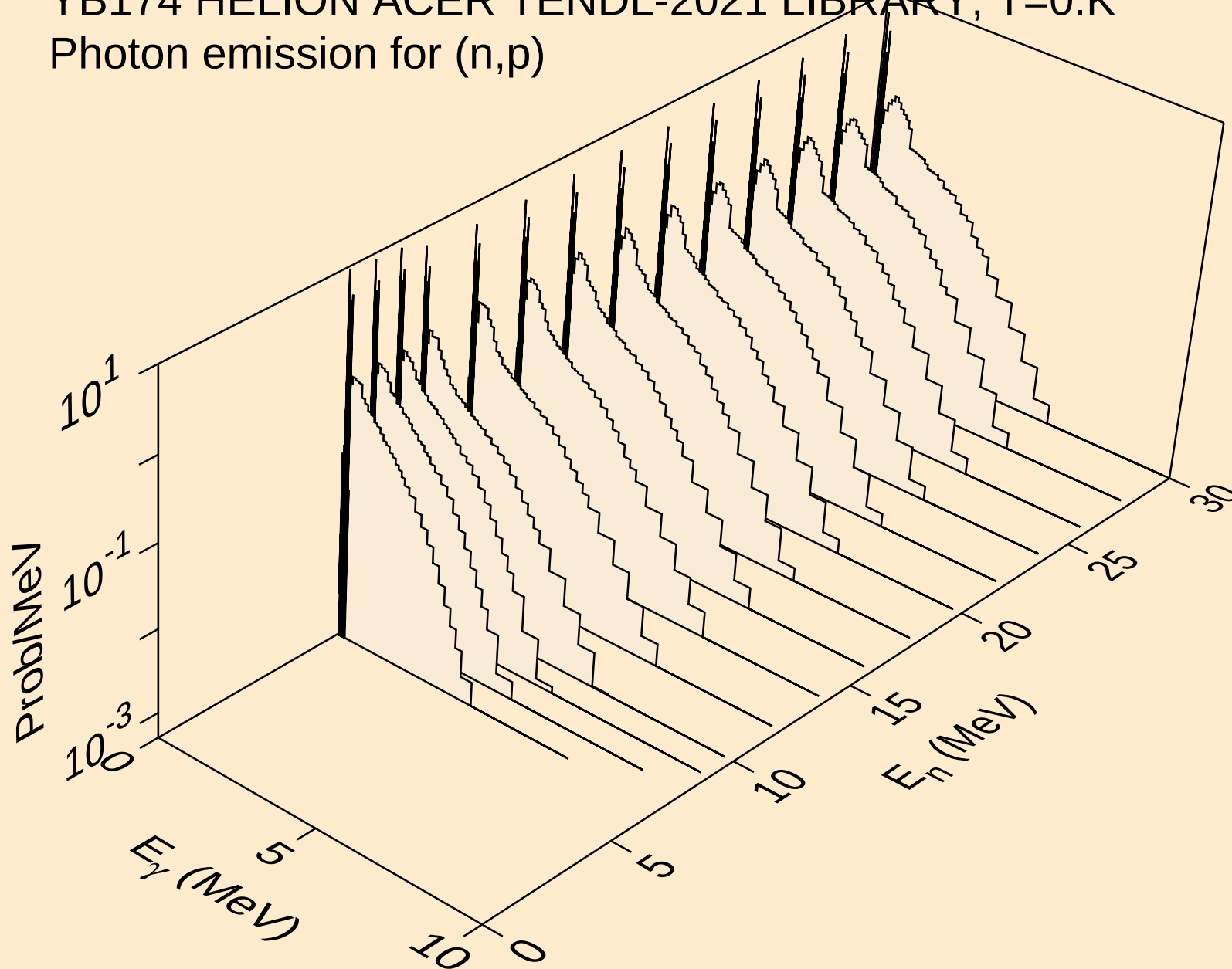
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



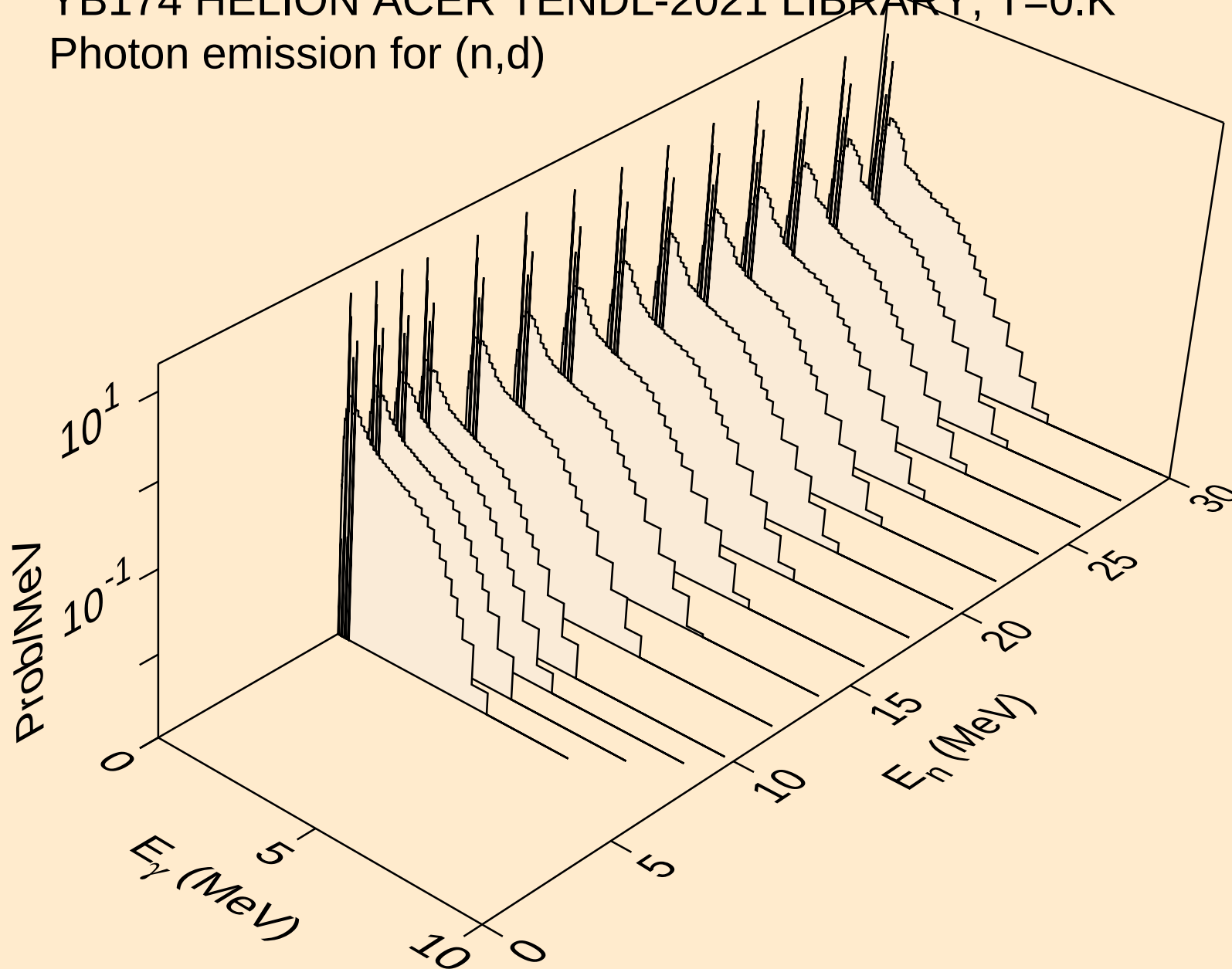
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



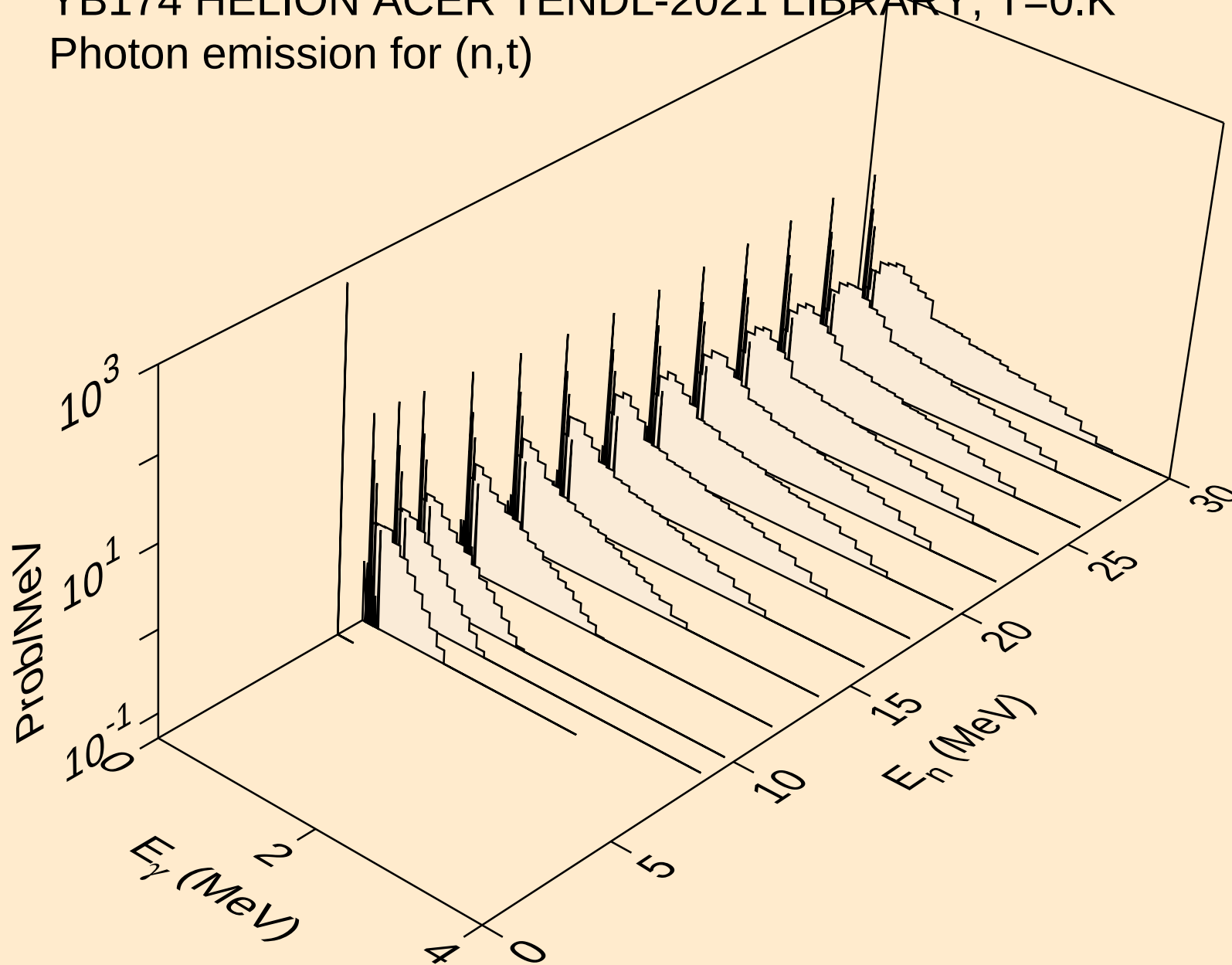
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



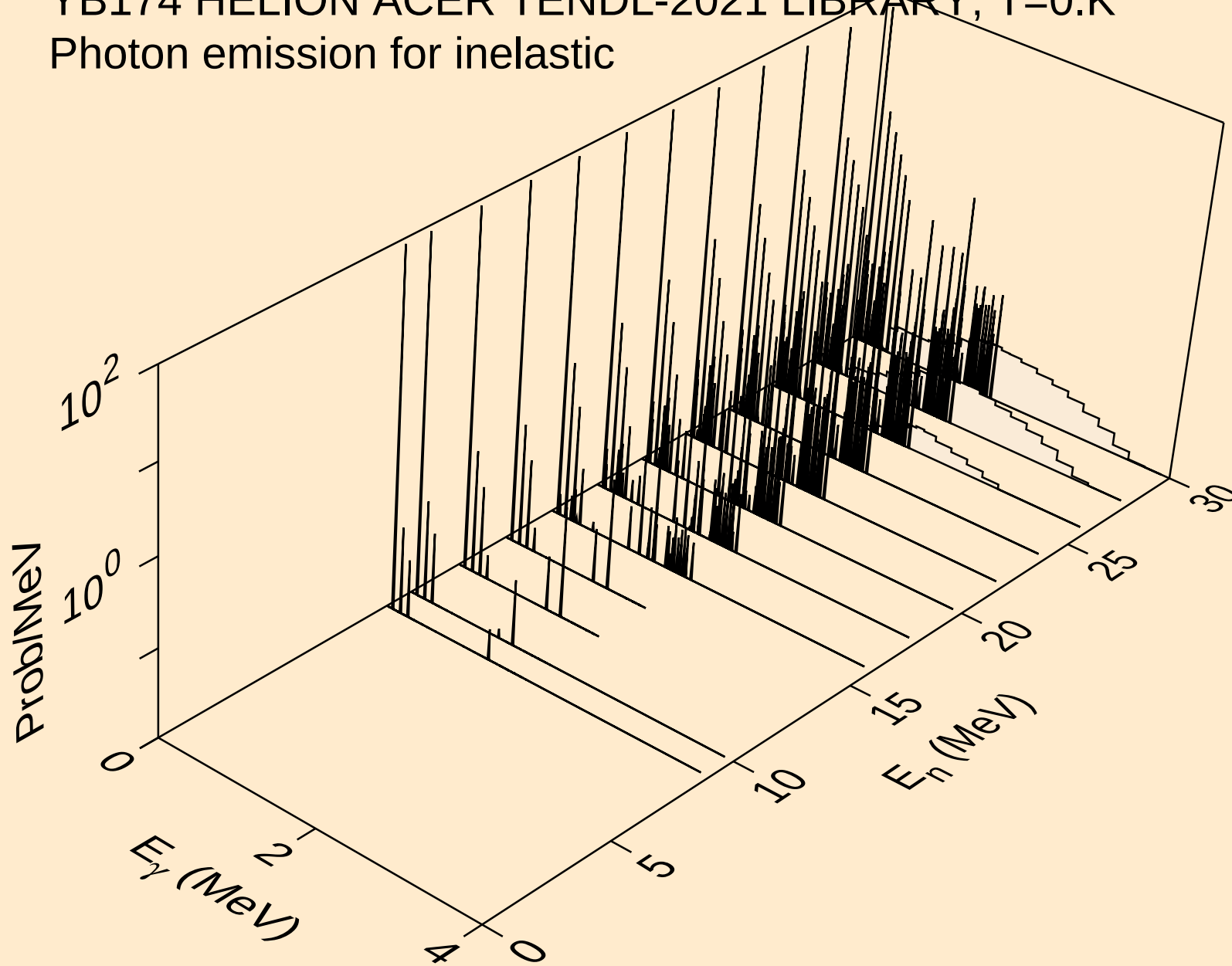
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

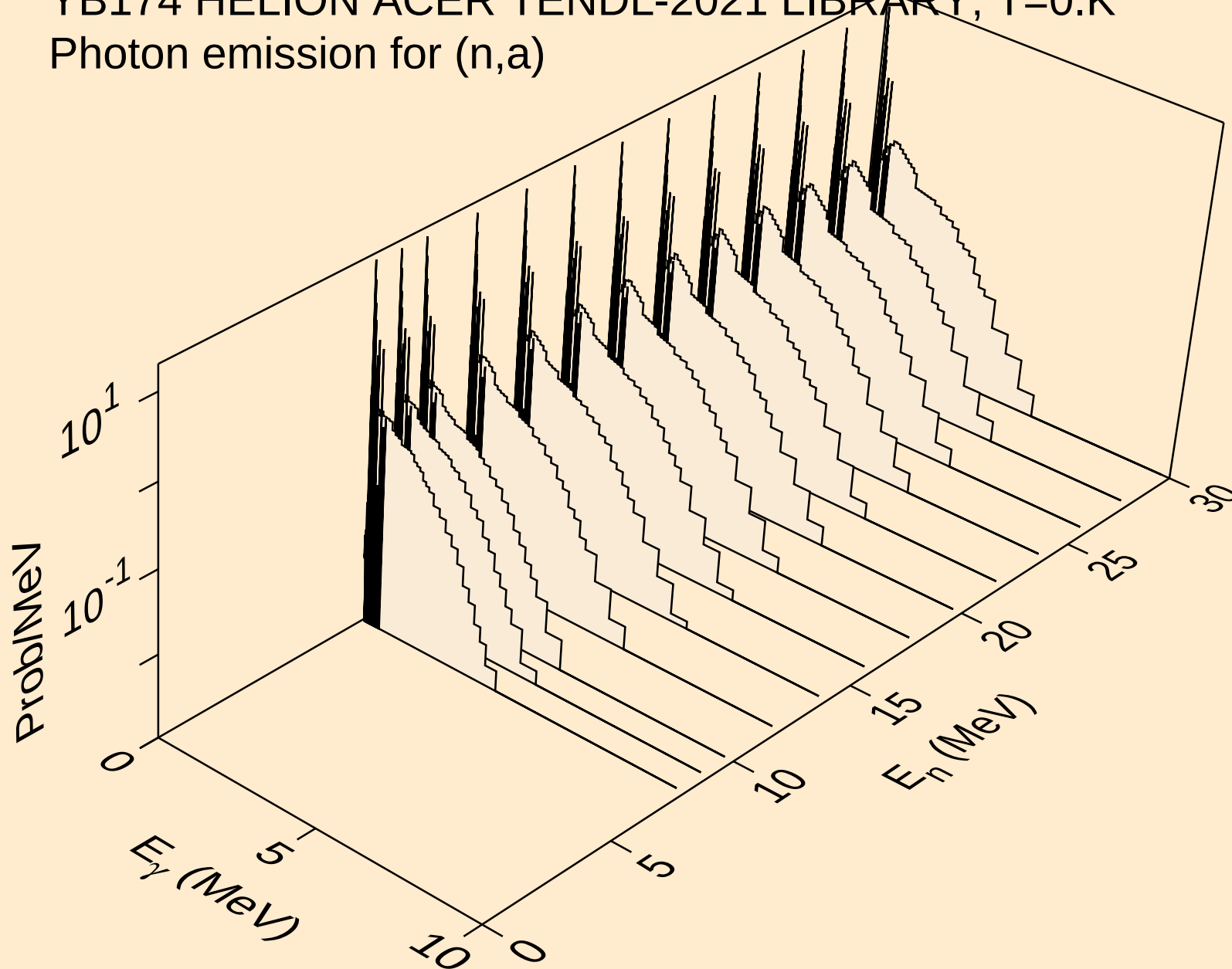


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

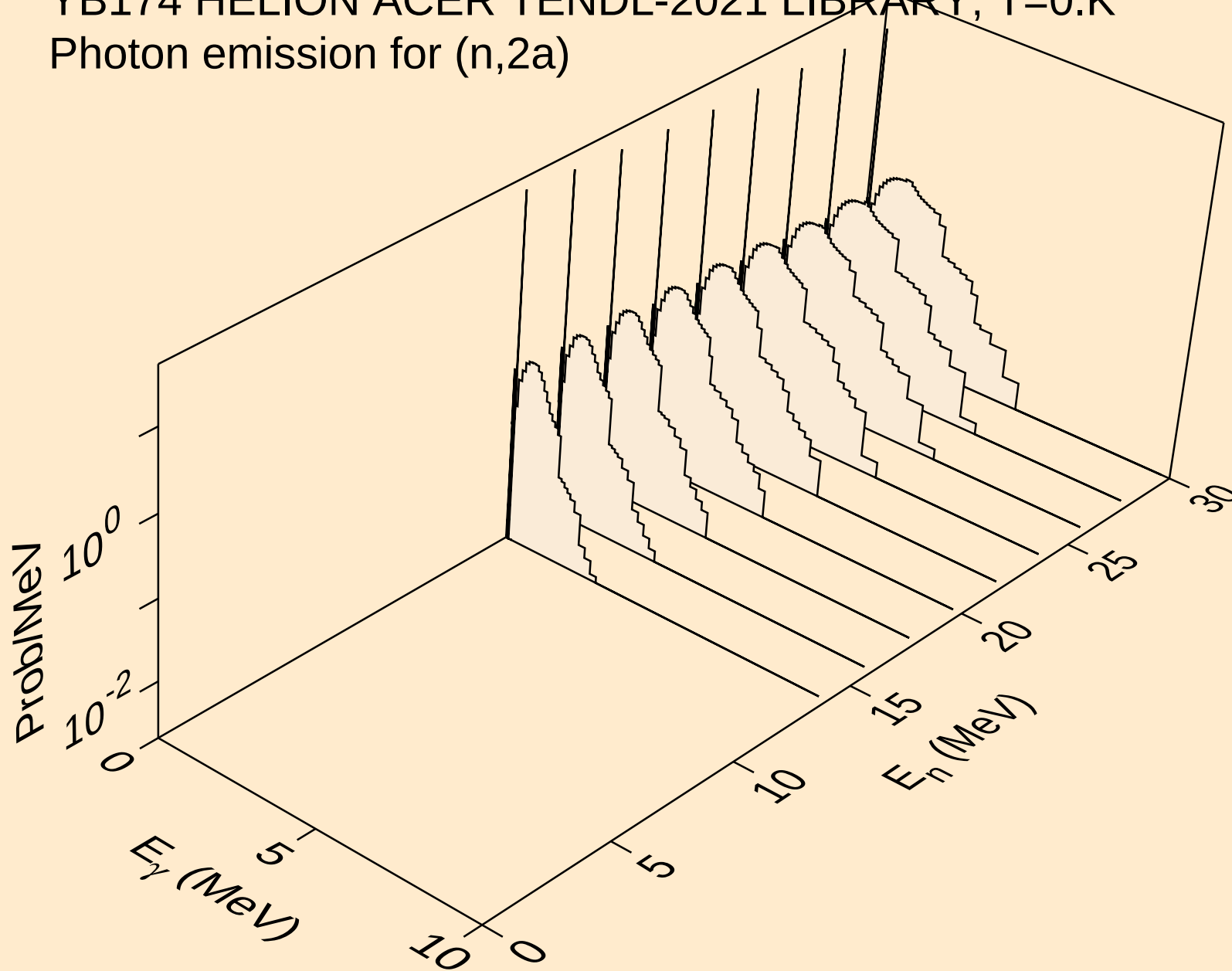




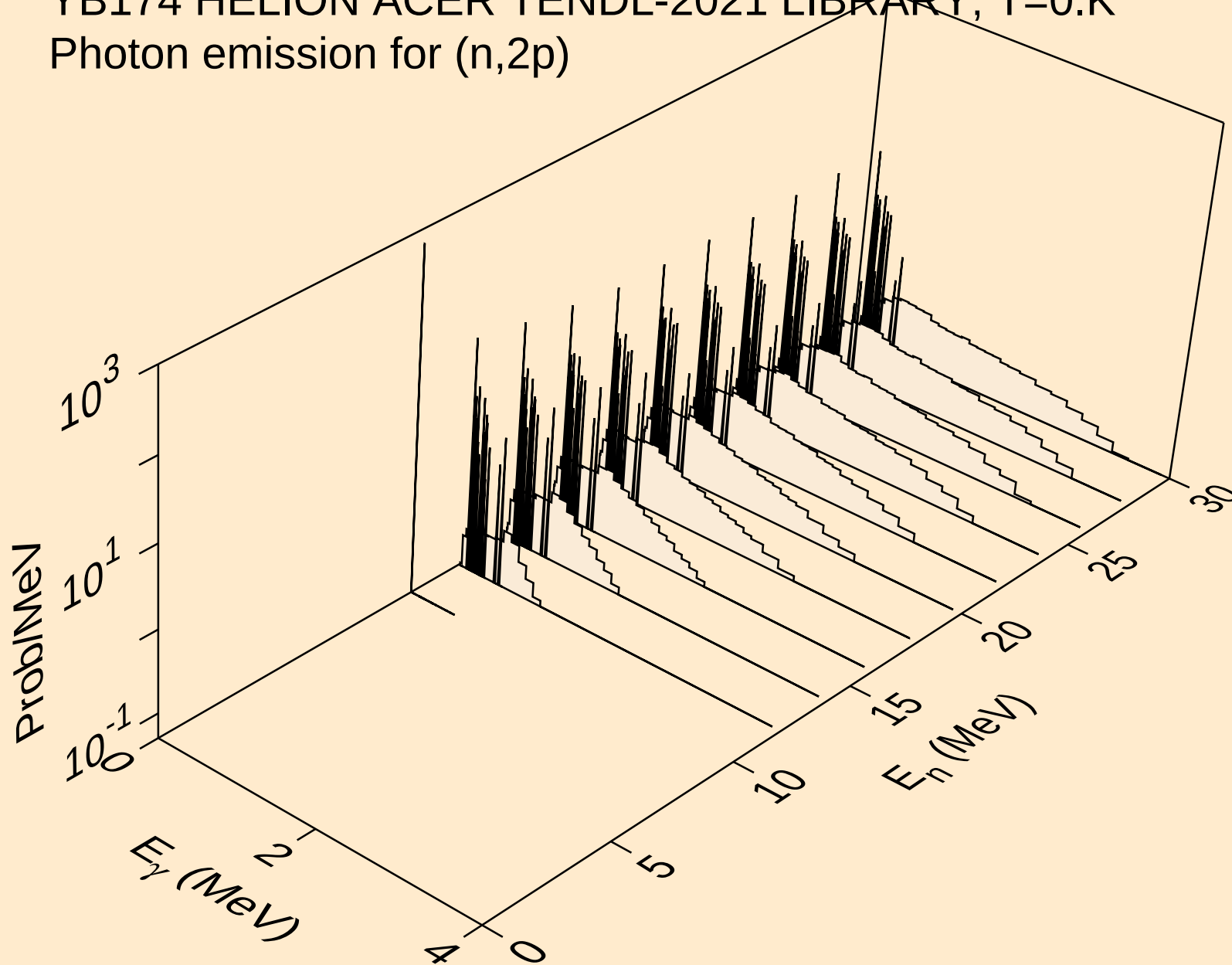
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



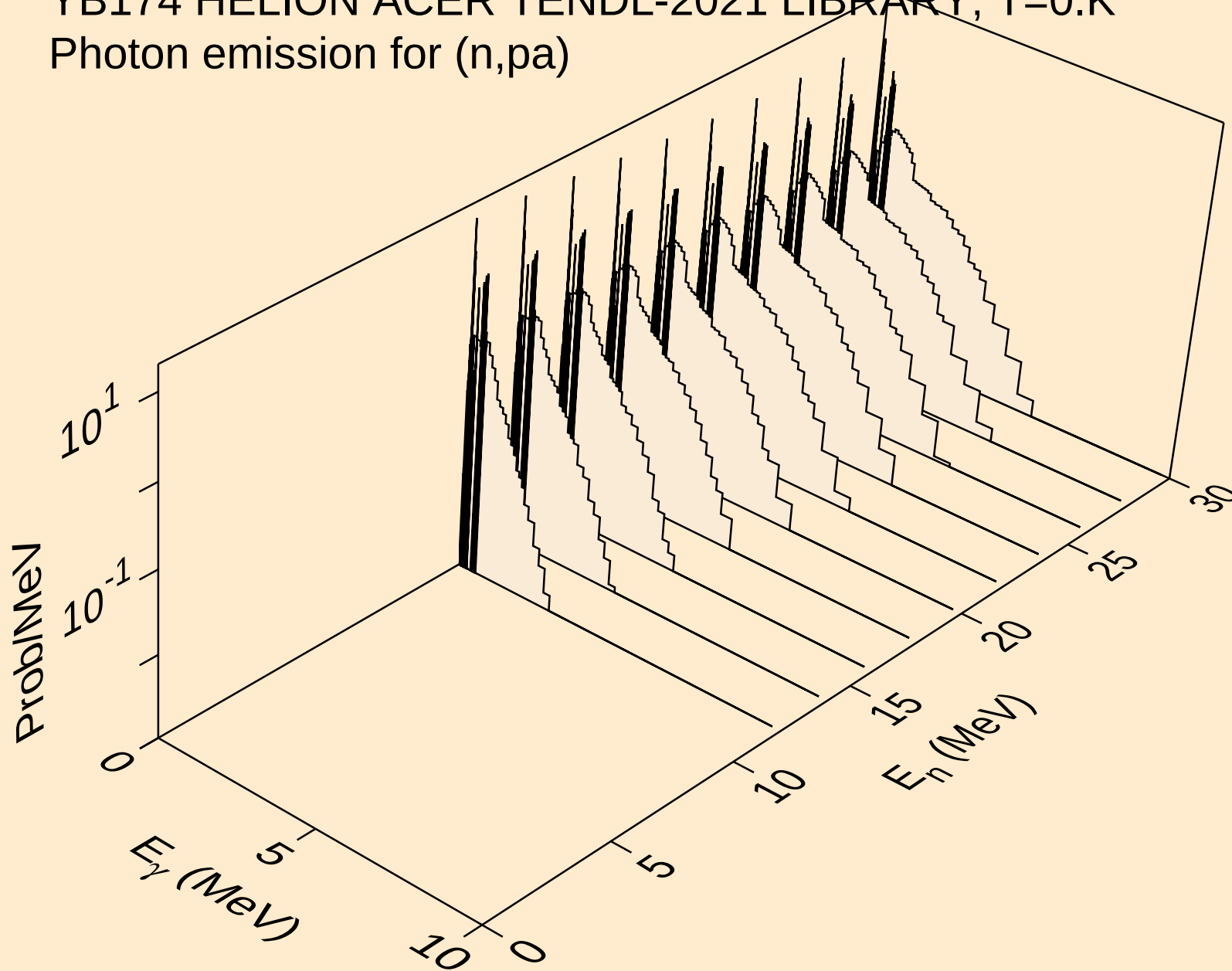
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



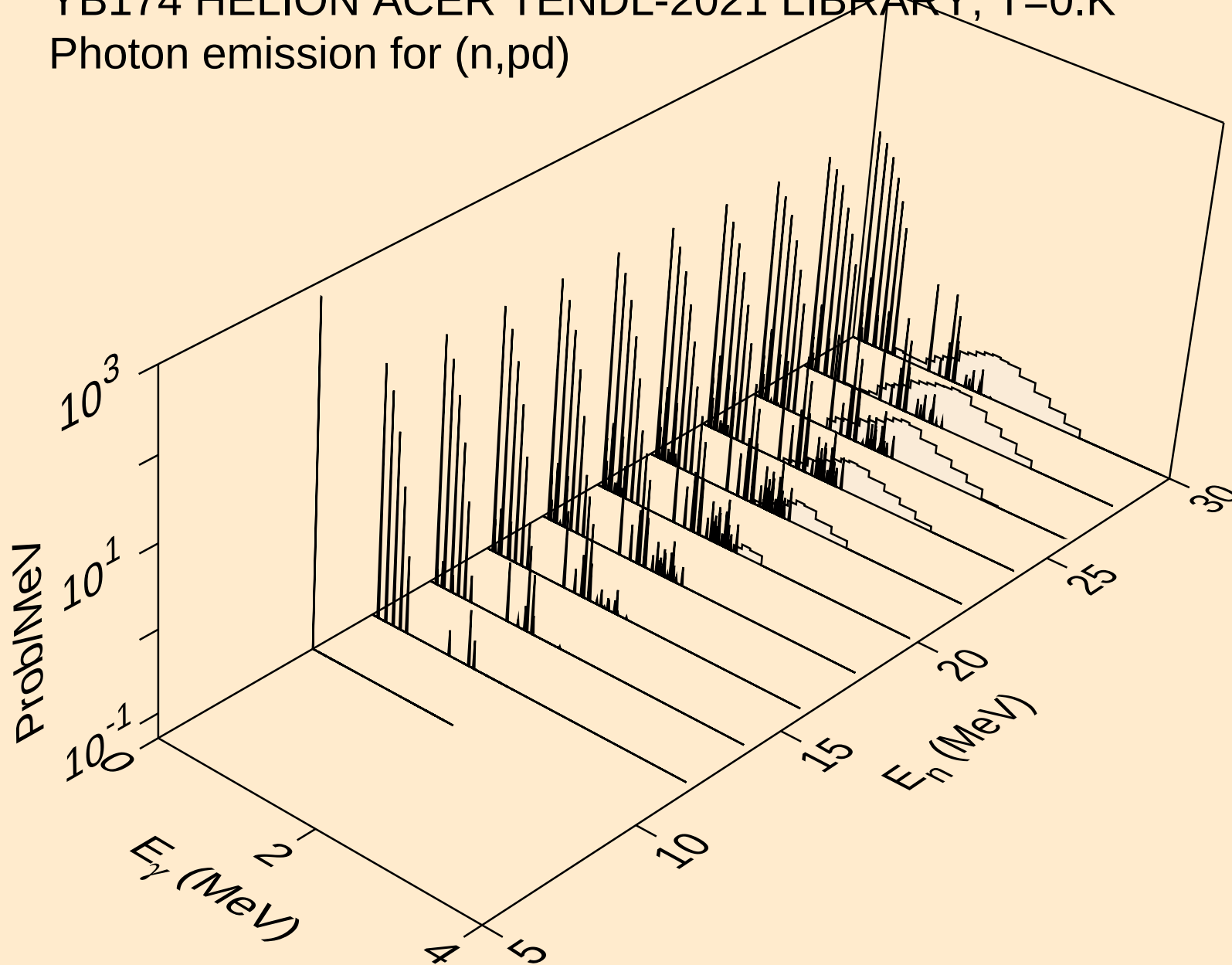
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



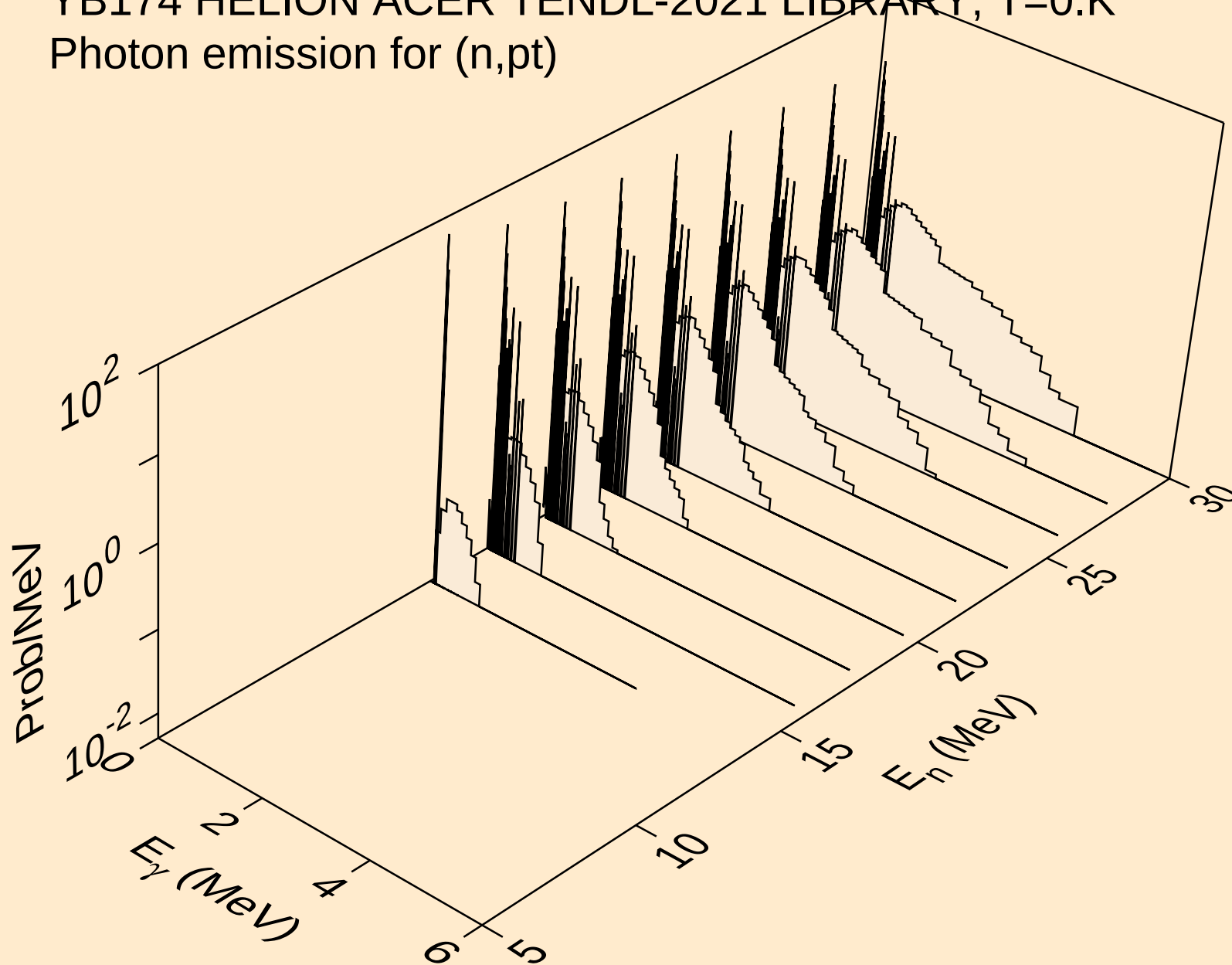
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



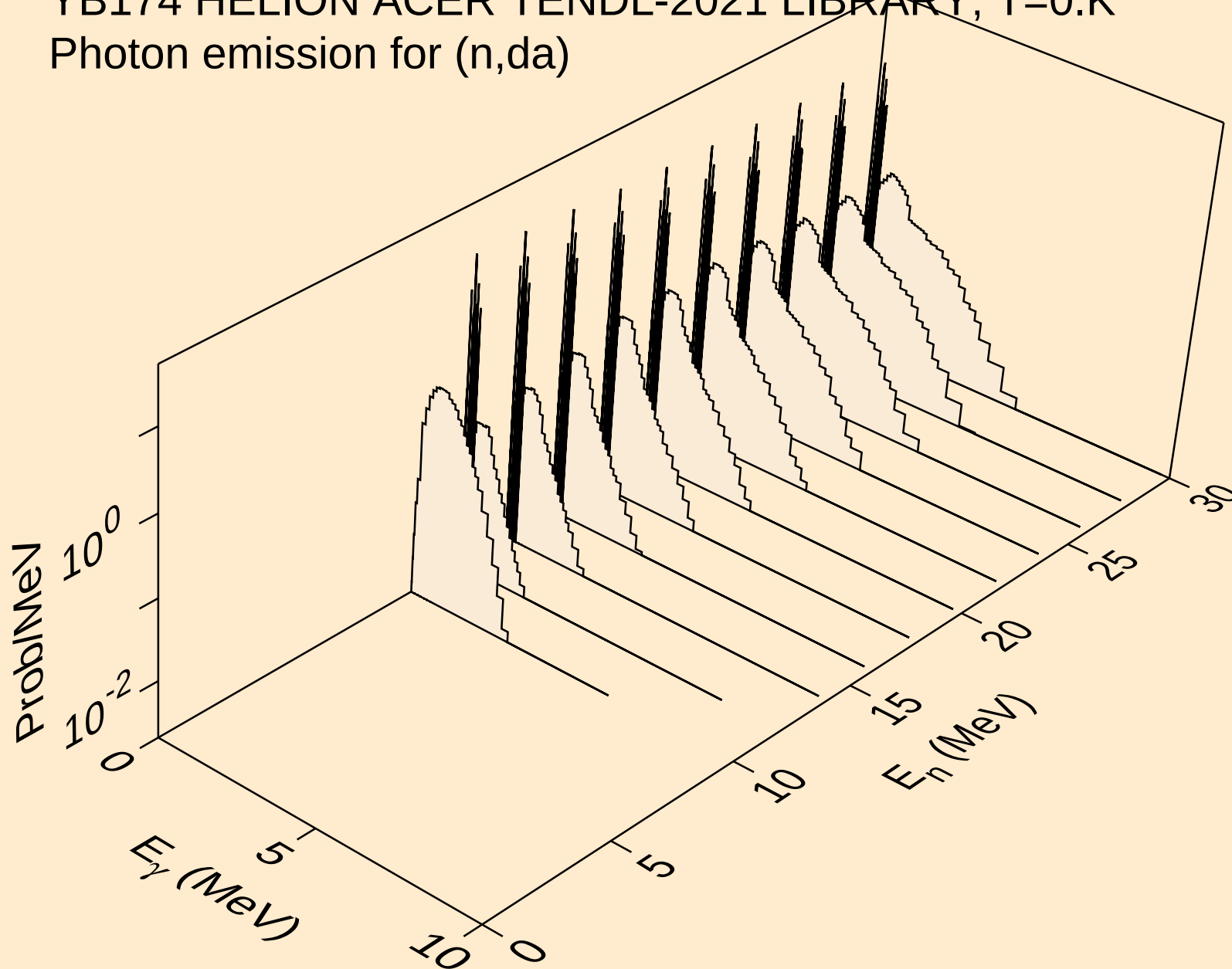
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

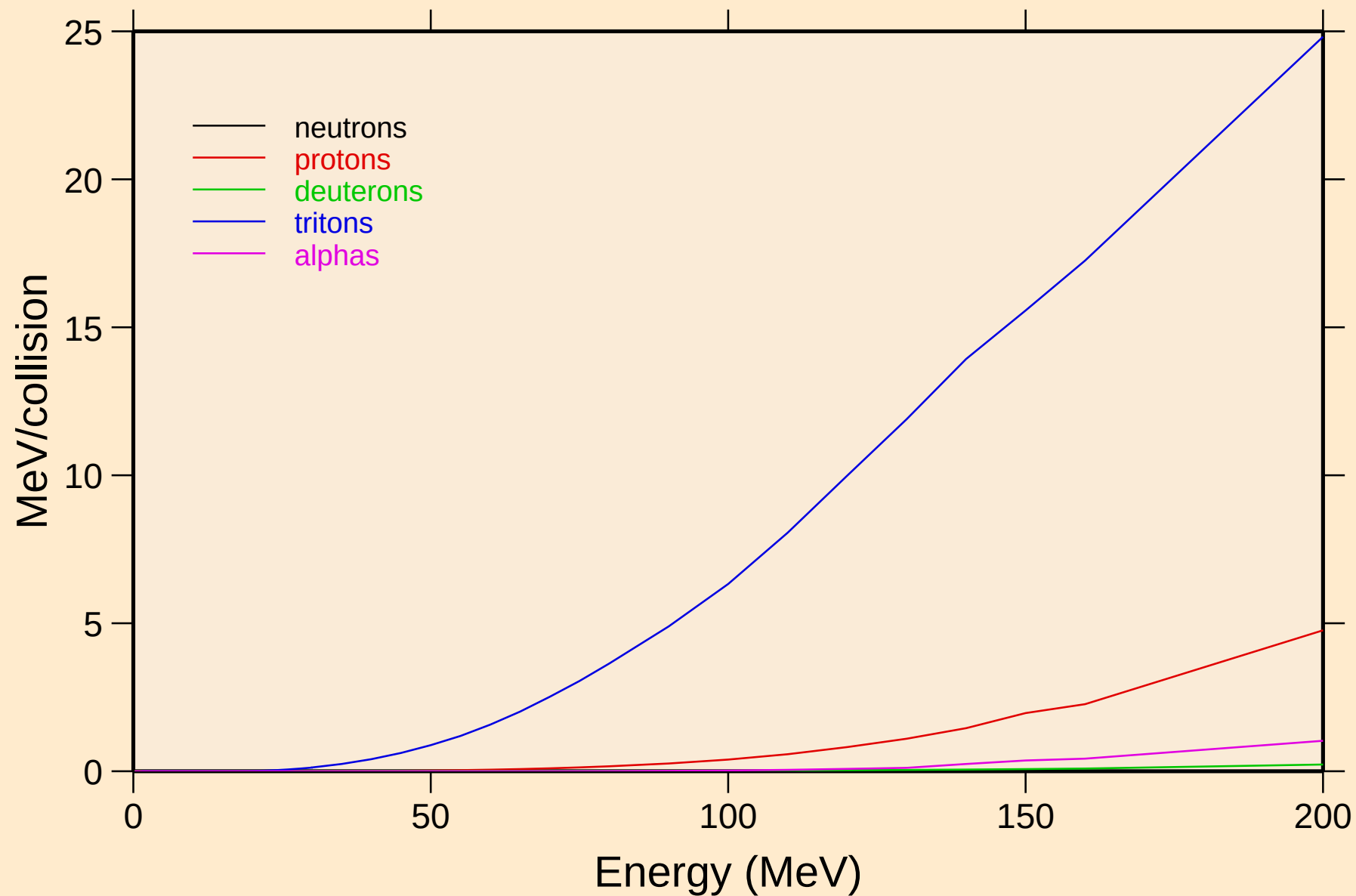


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



# YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

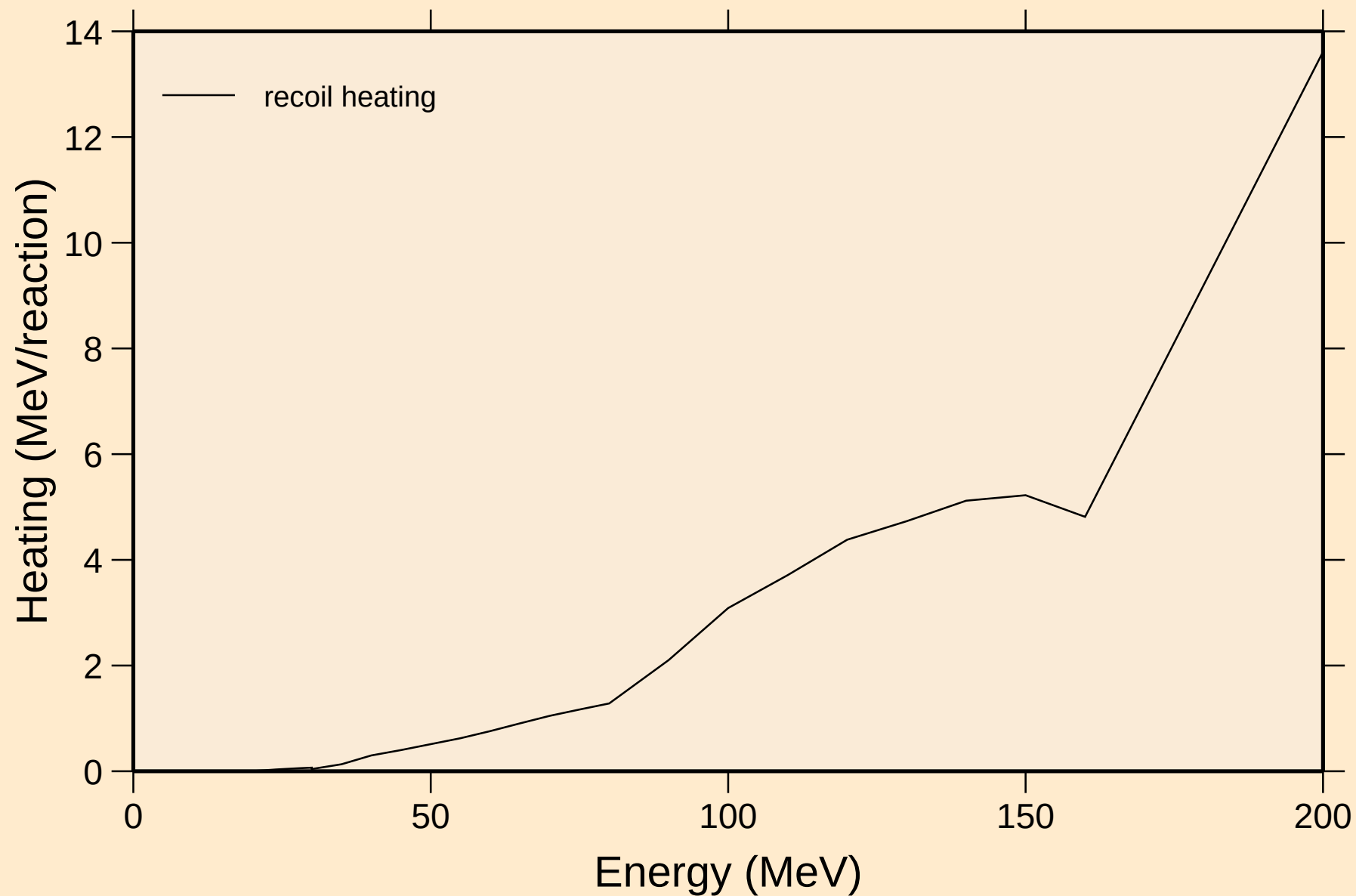
## Particle heating contributions





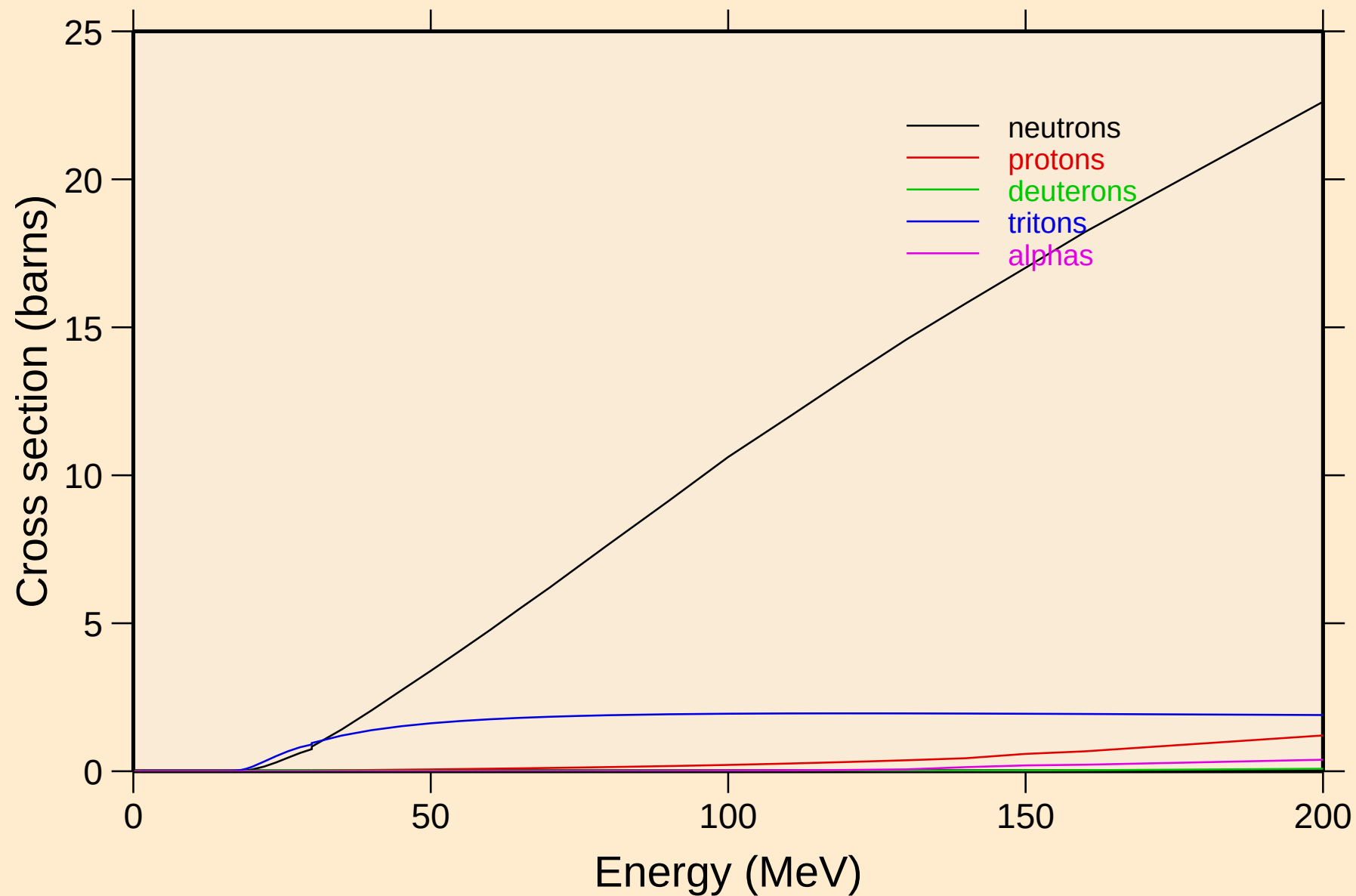
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

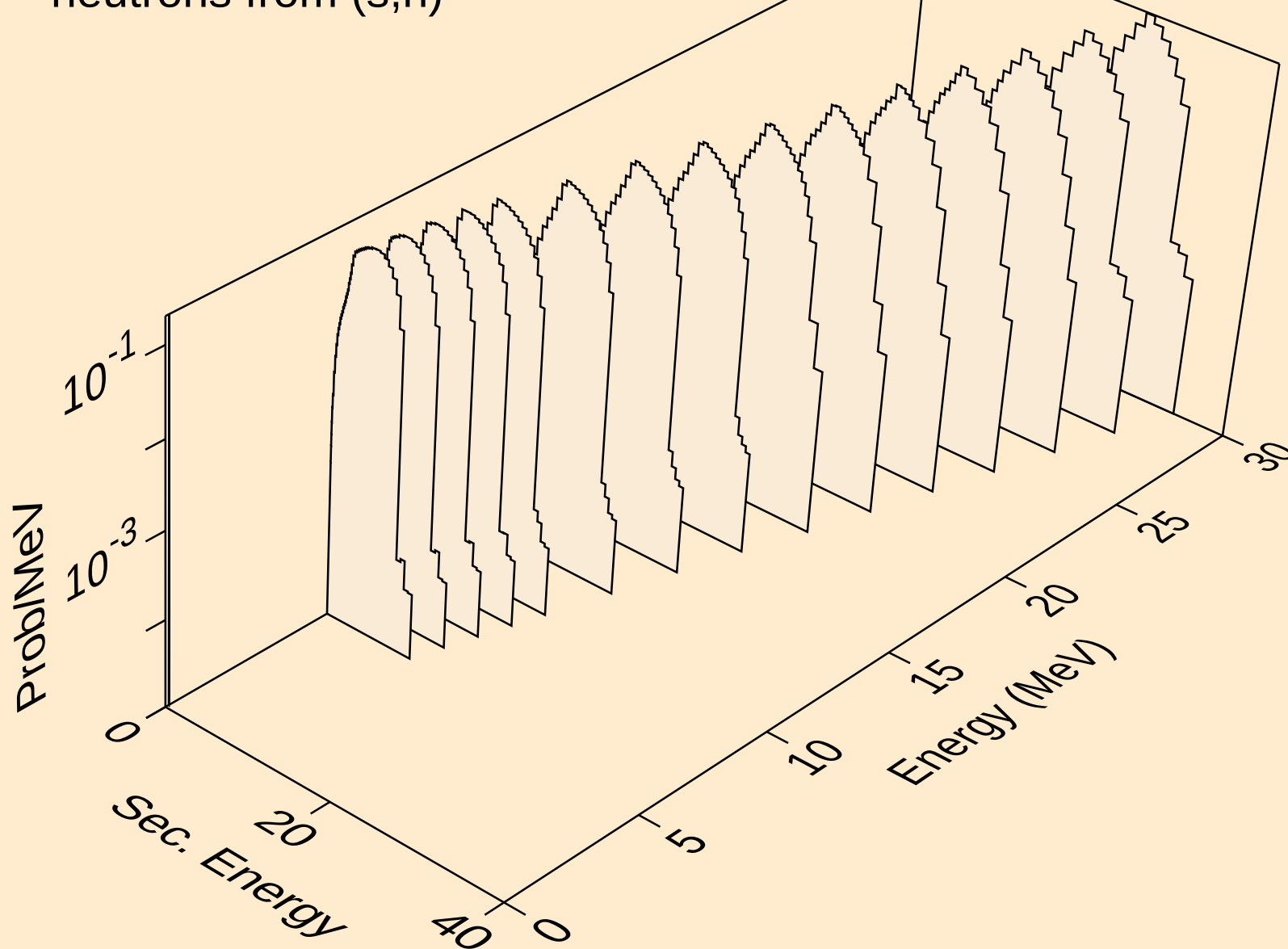


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K

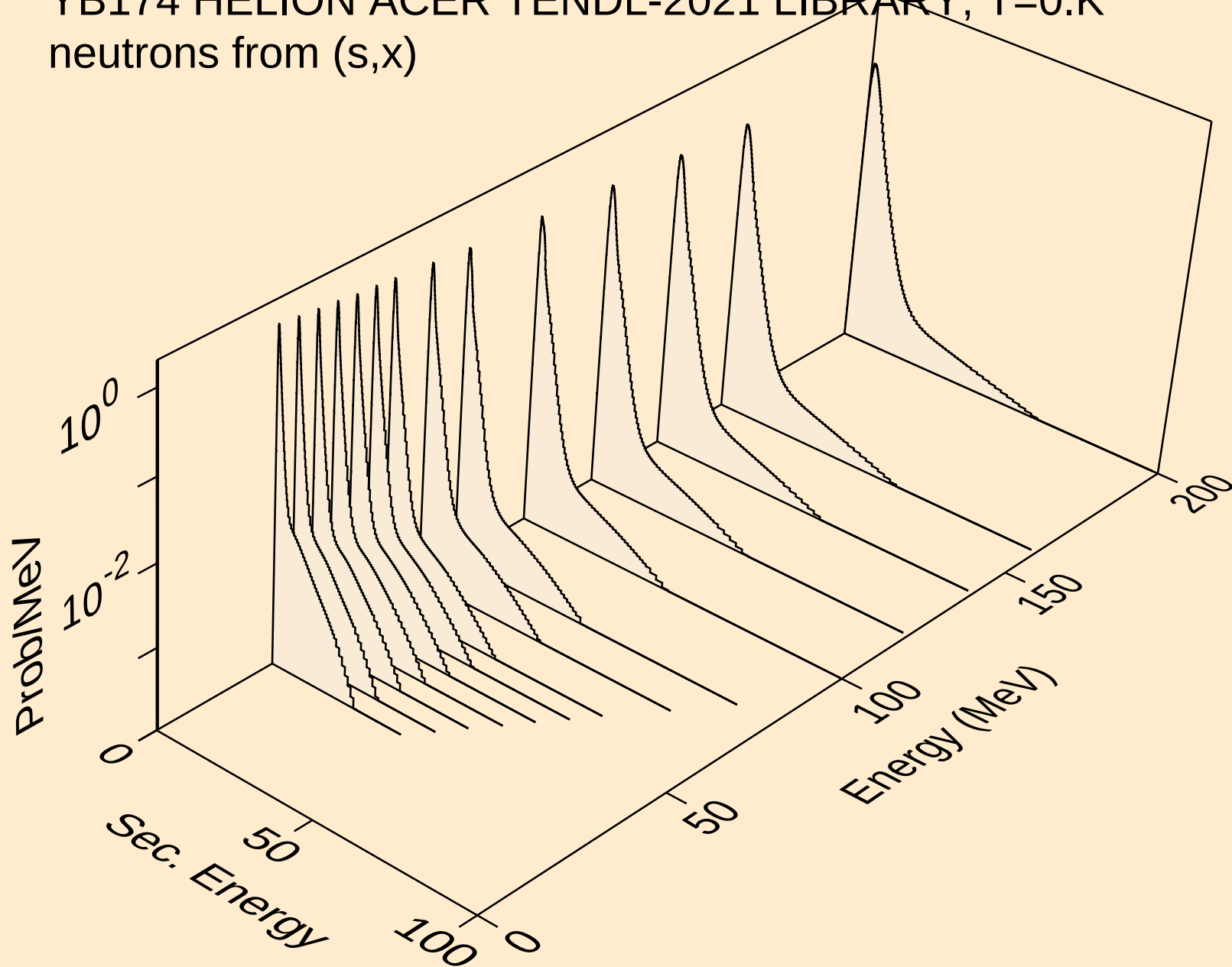
Particle production cross sections



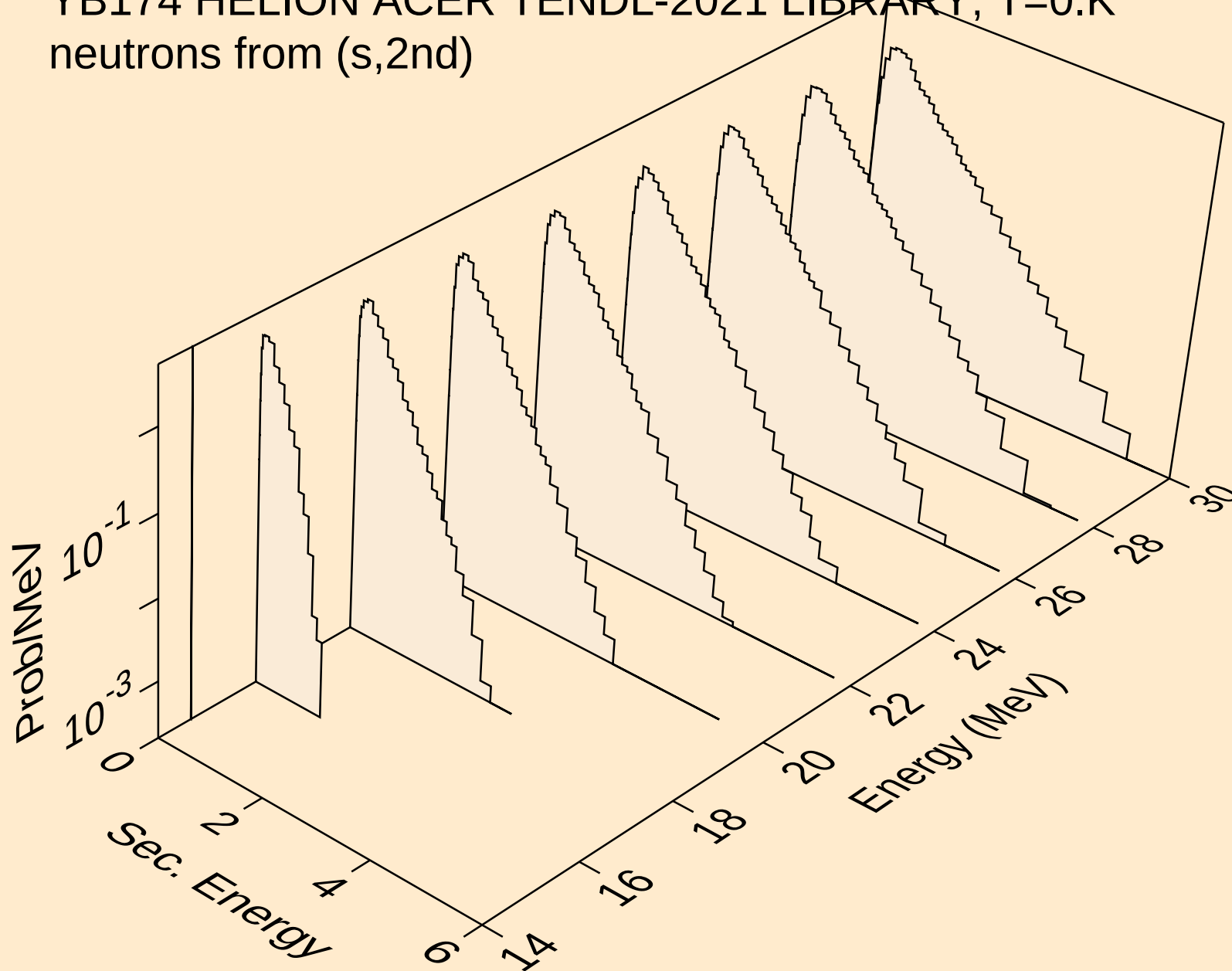
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



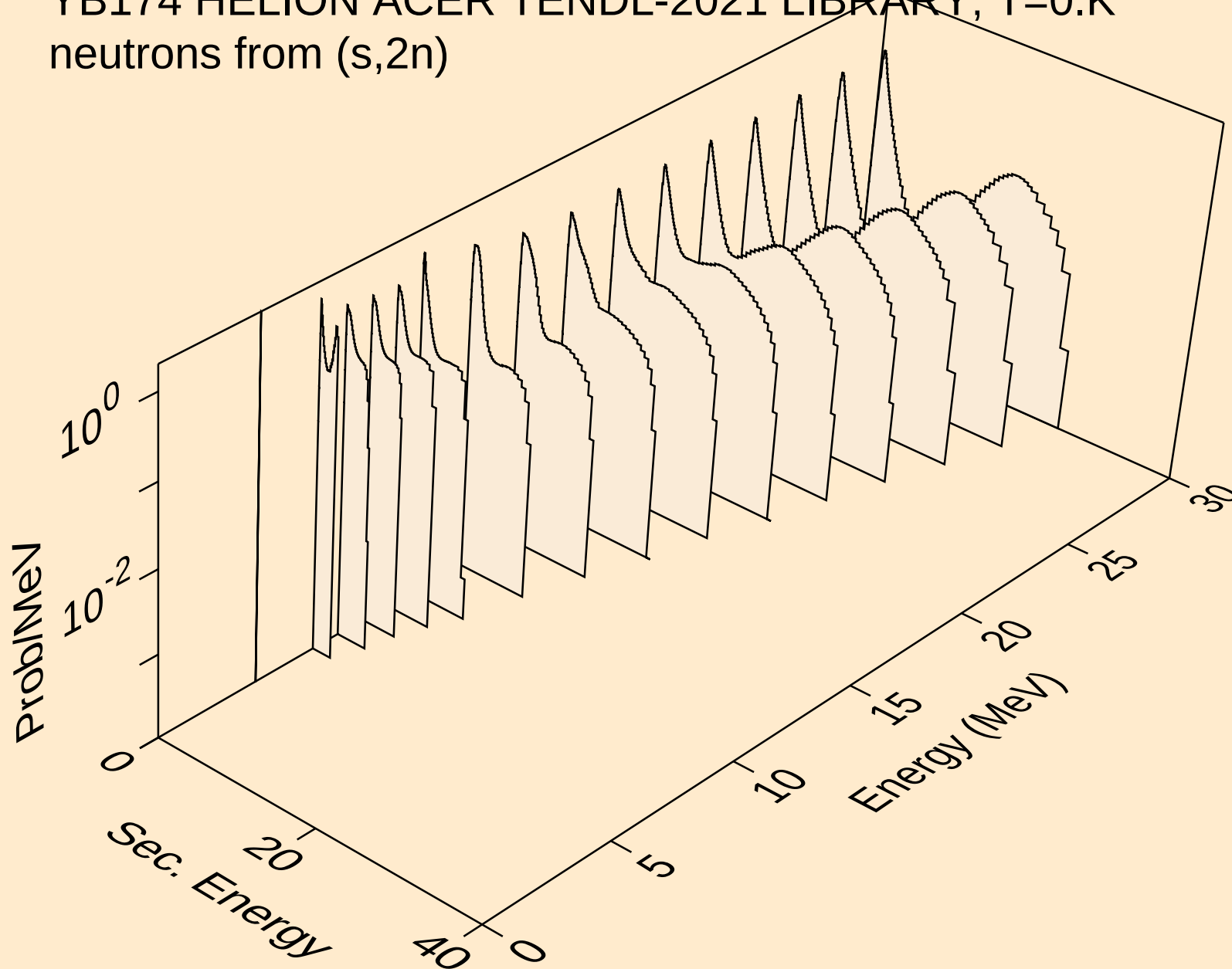
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



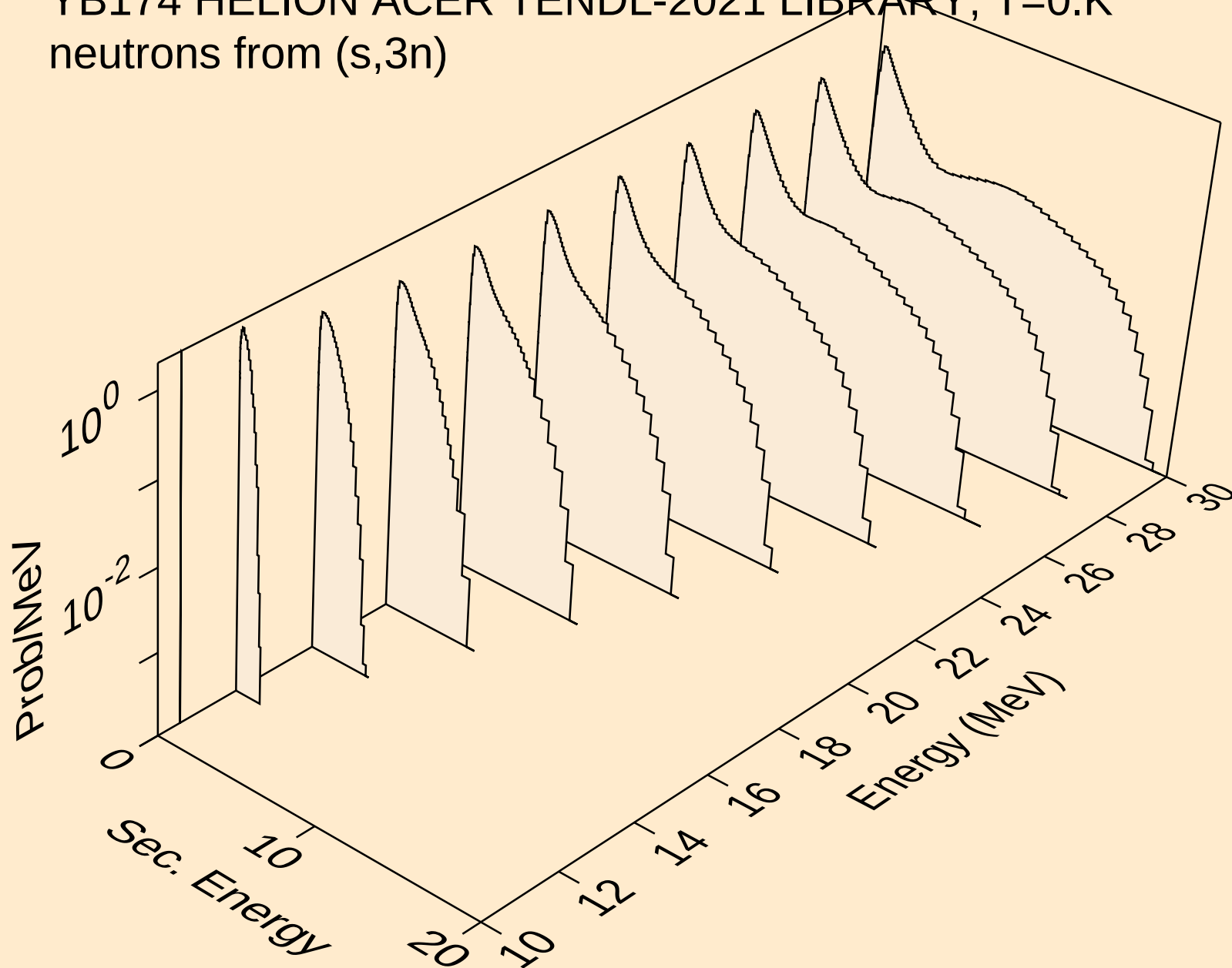
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



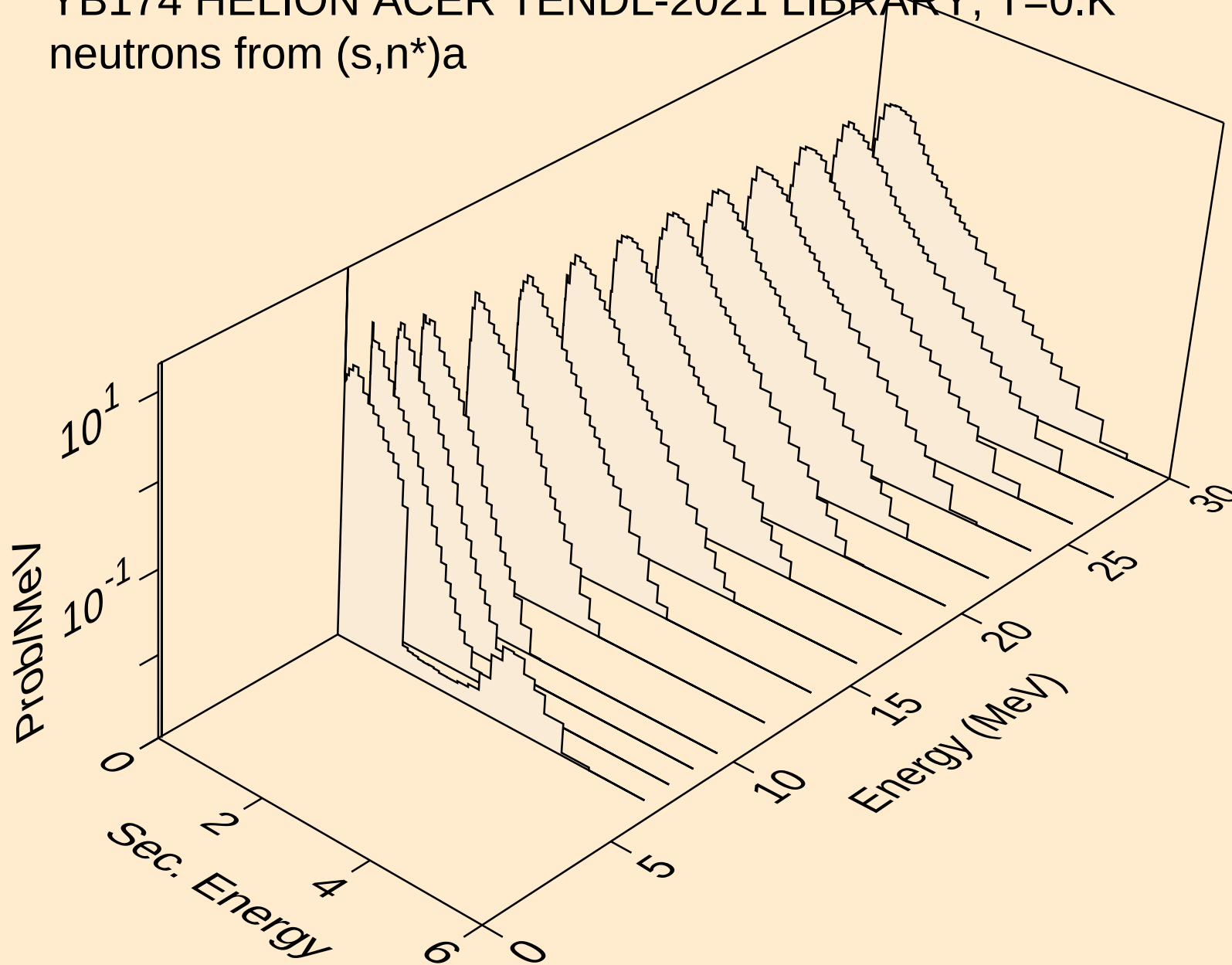
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

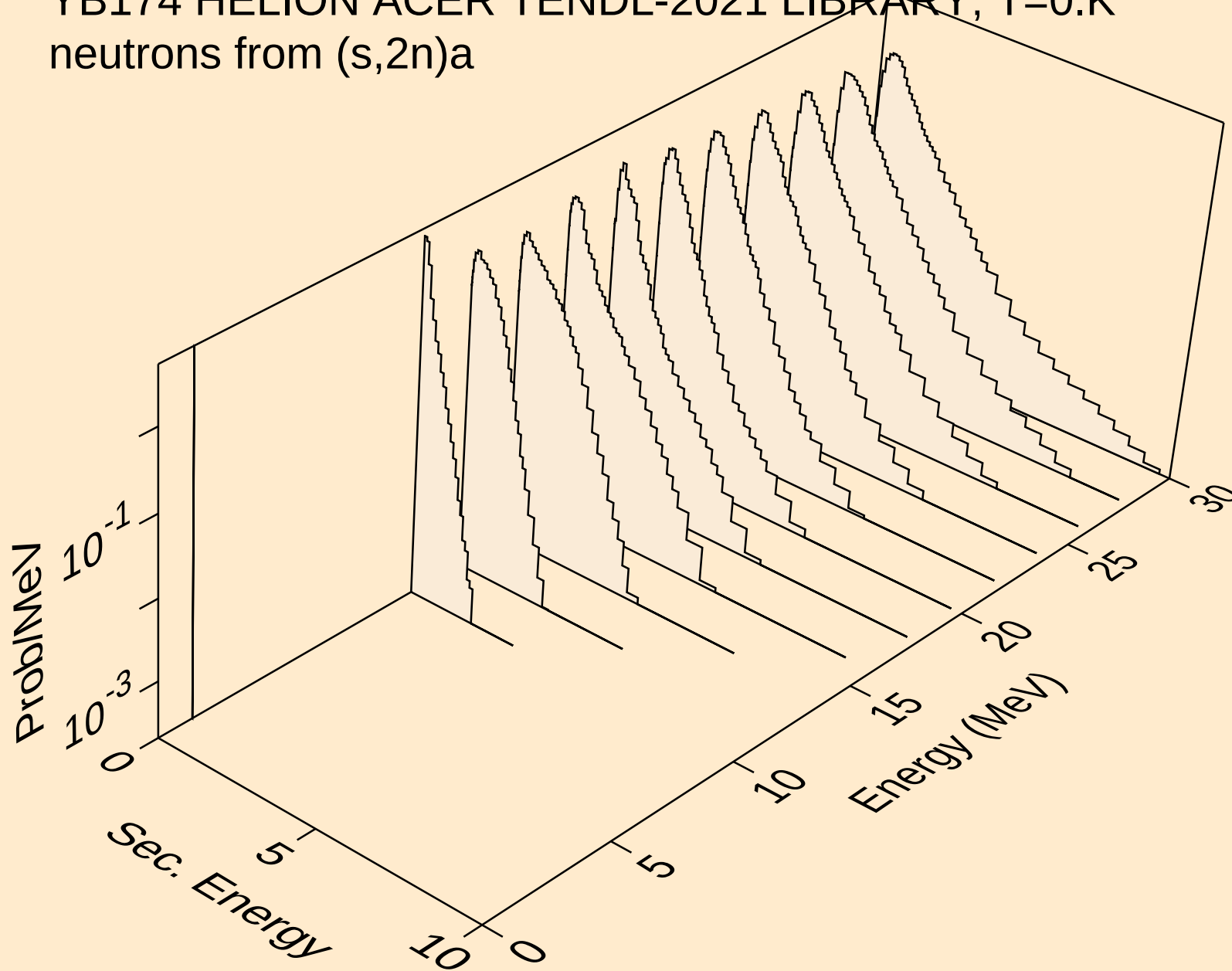


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

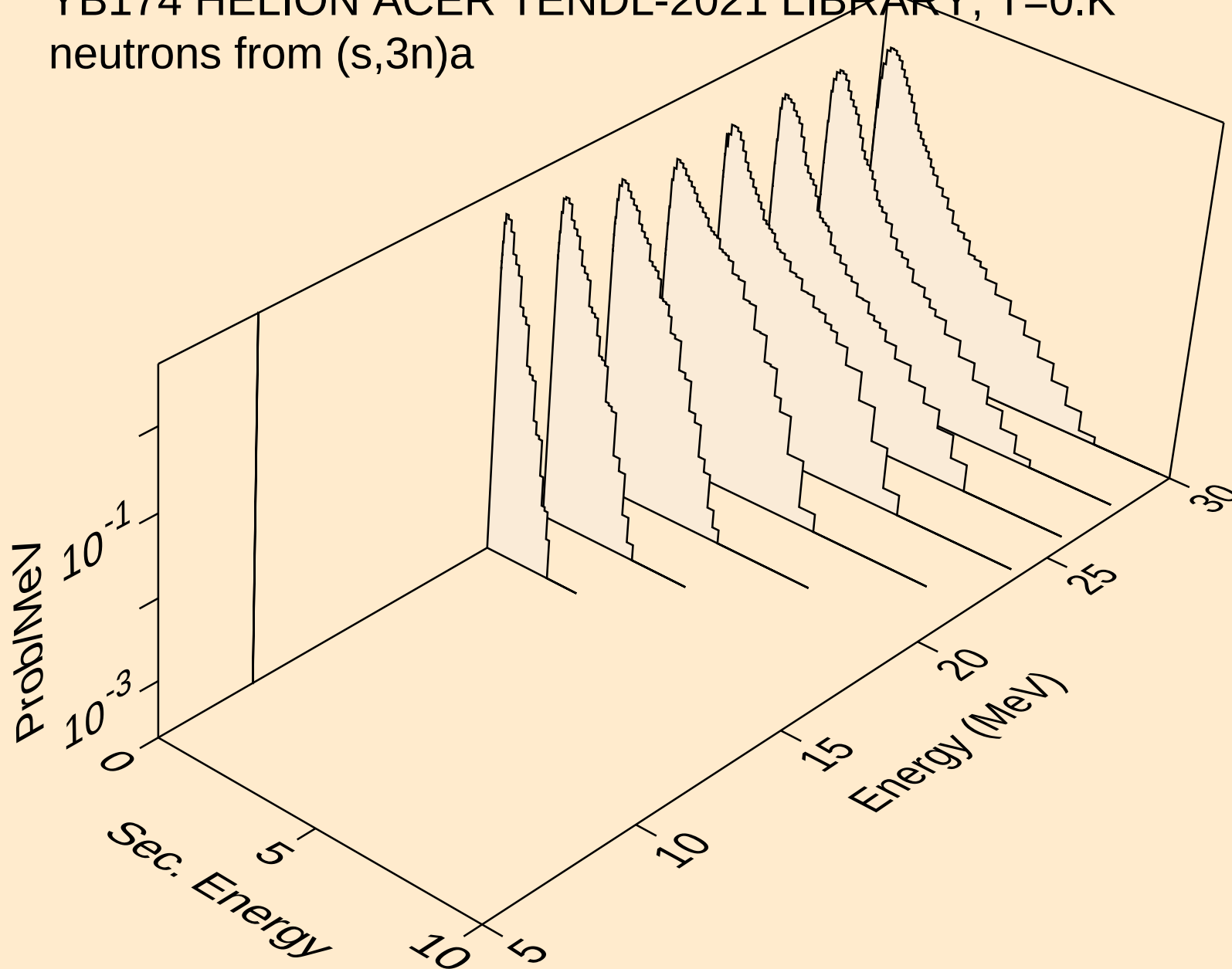




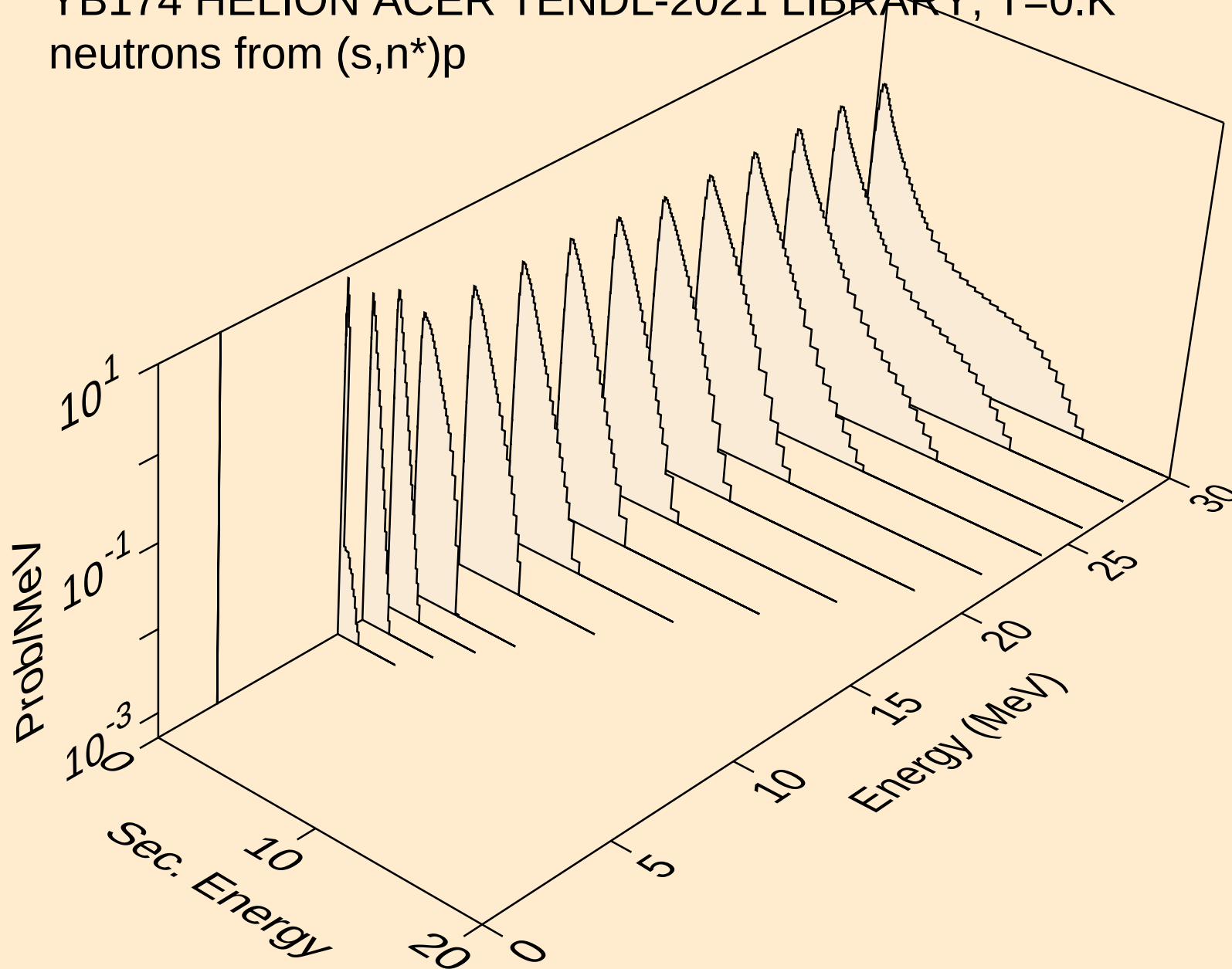
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



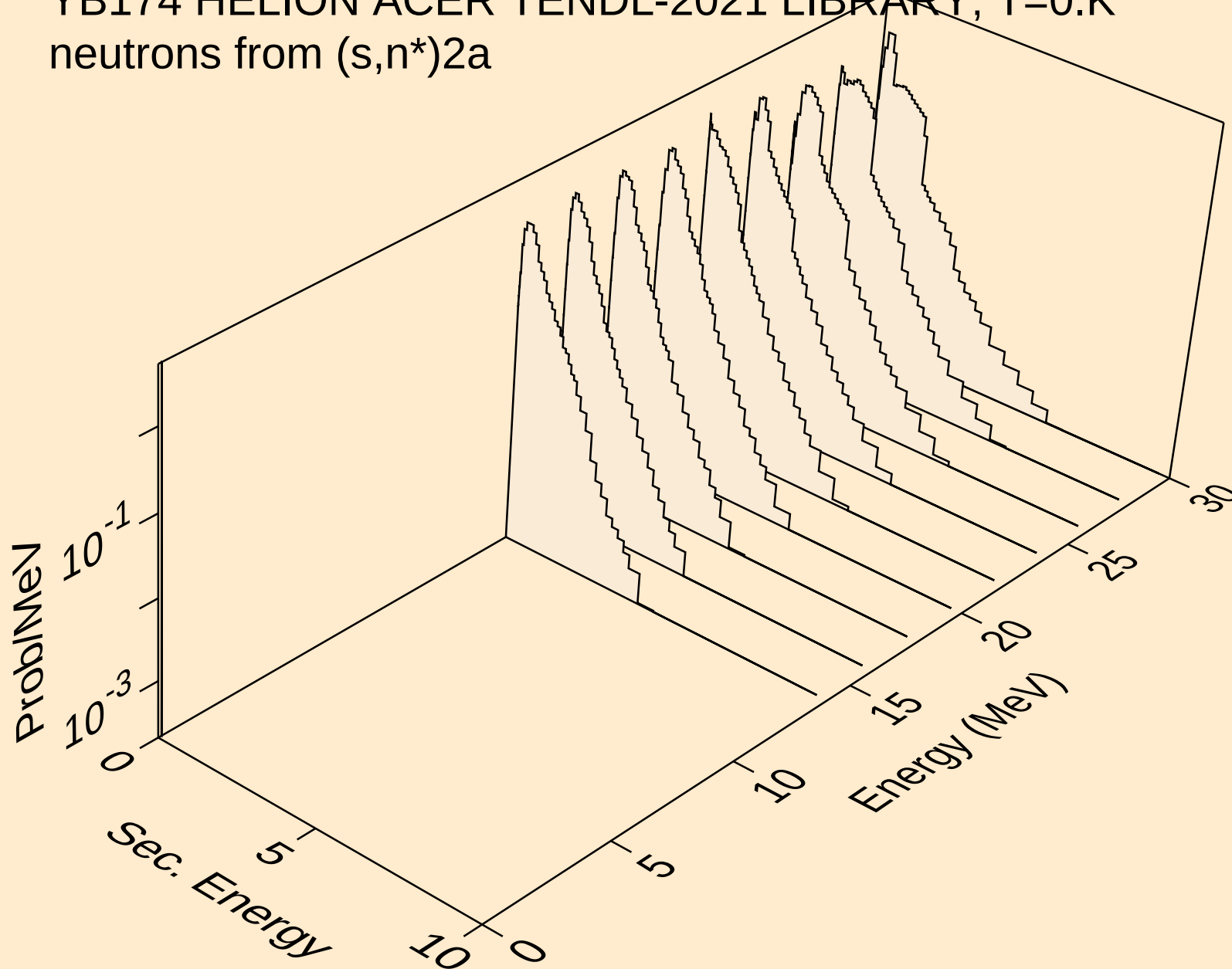
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



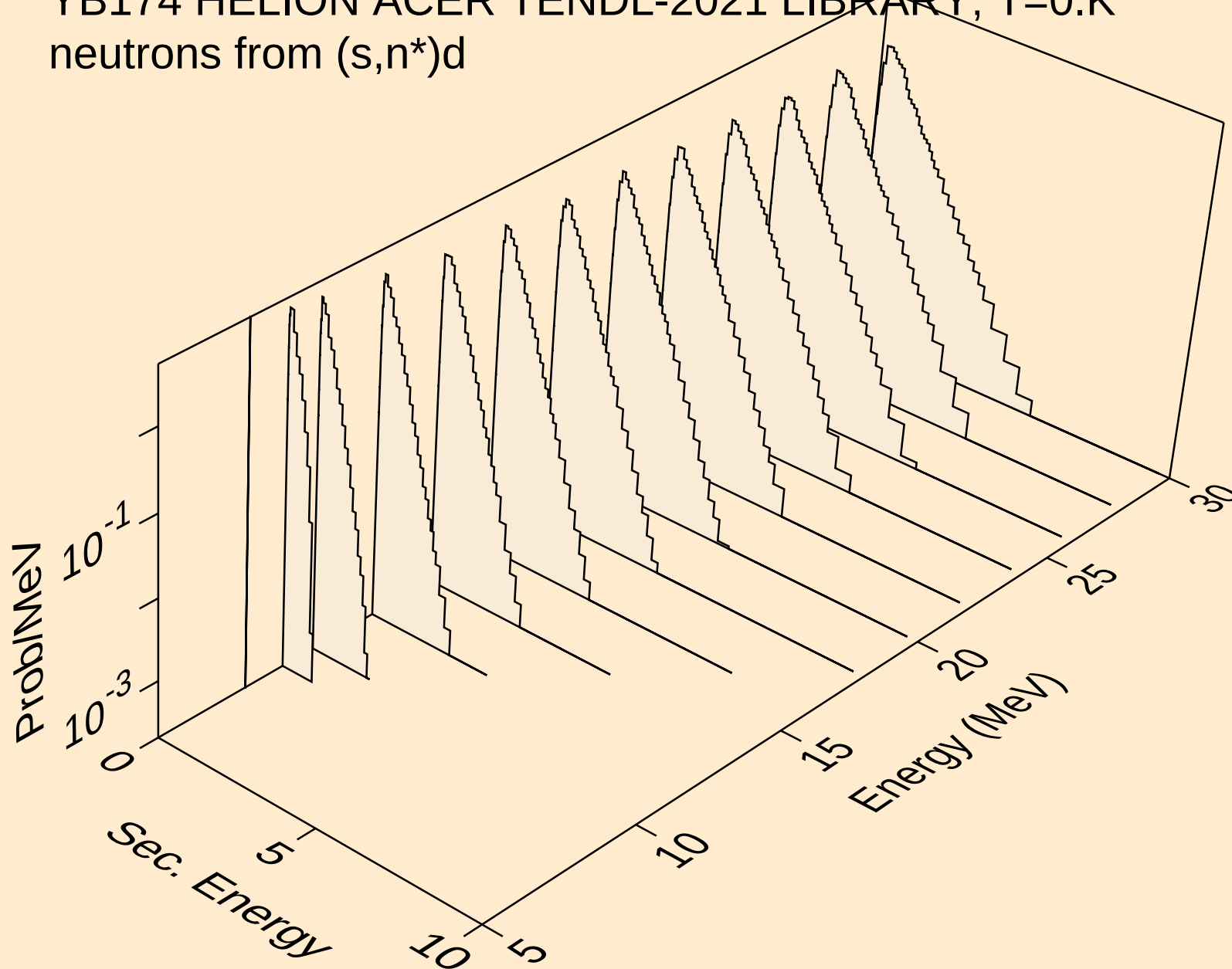
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



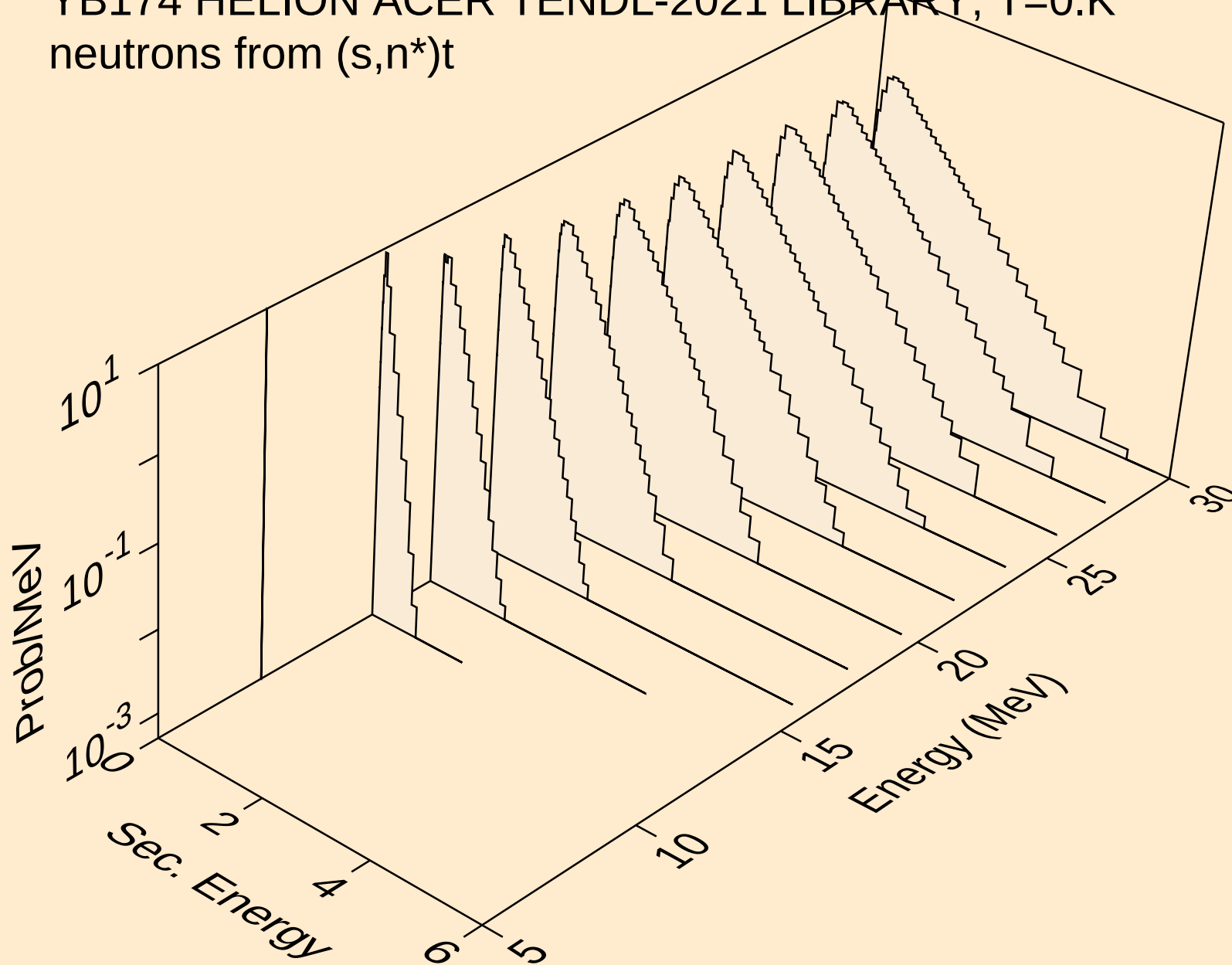
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



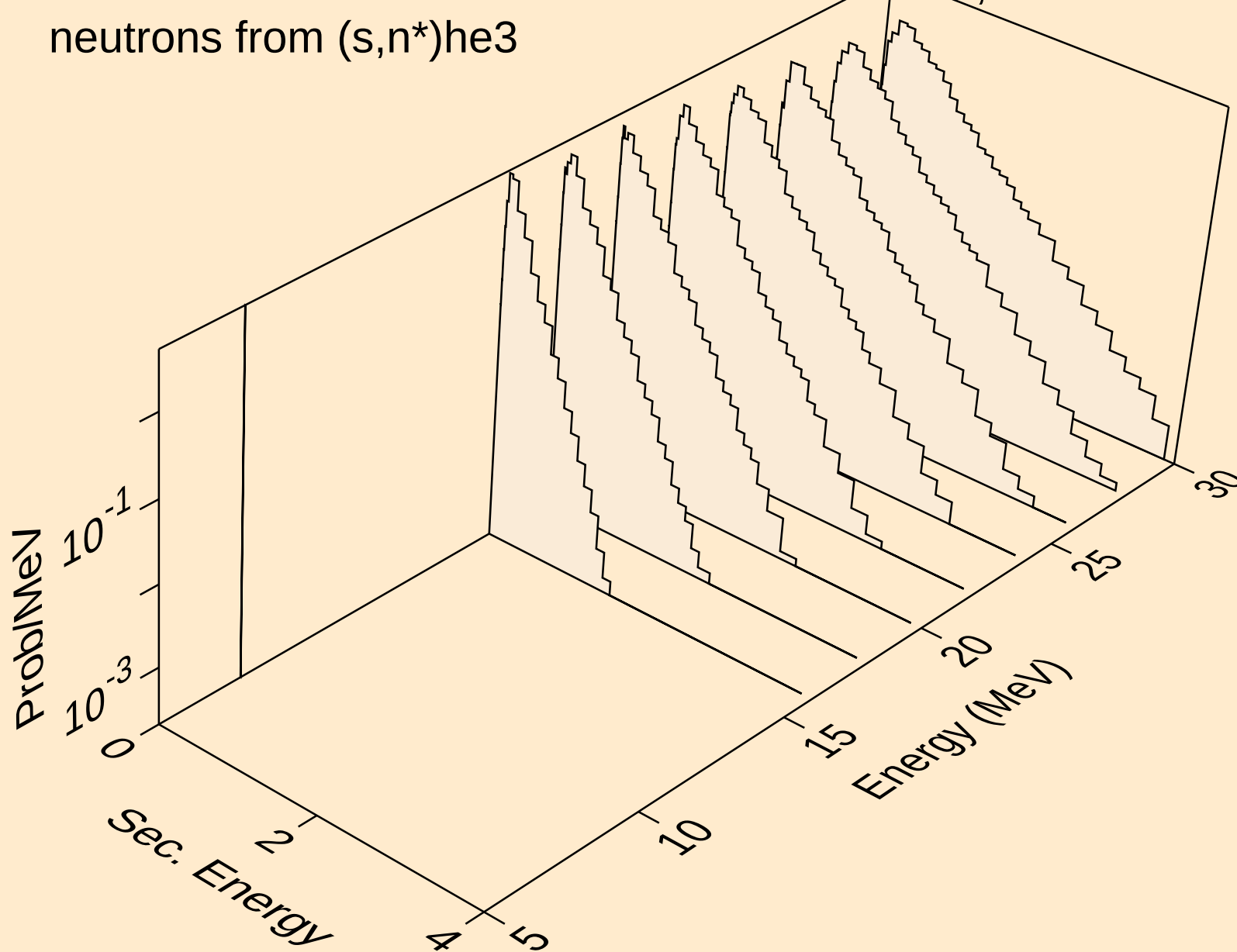
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



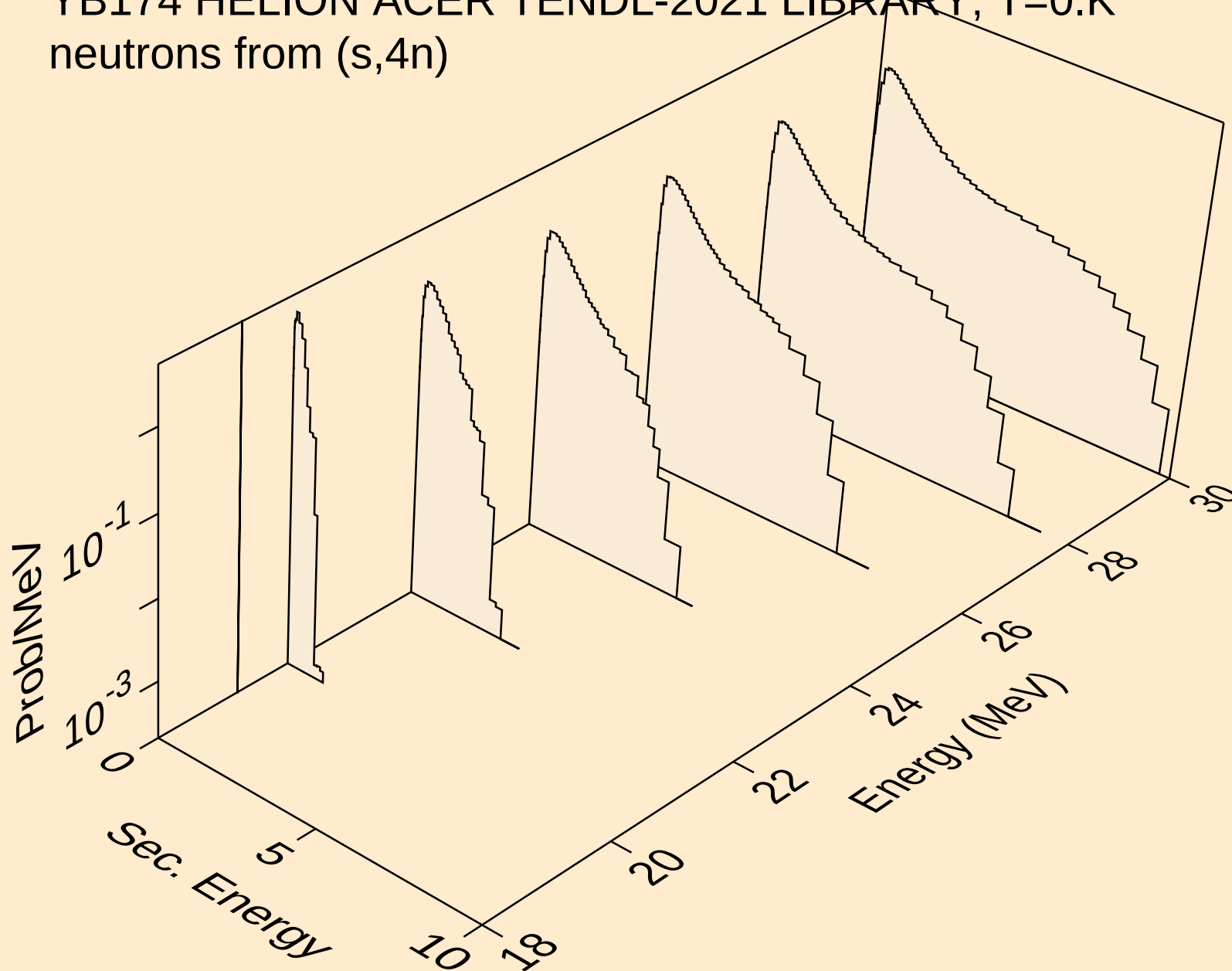
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

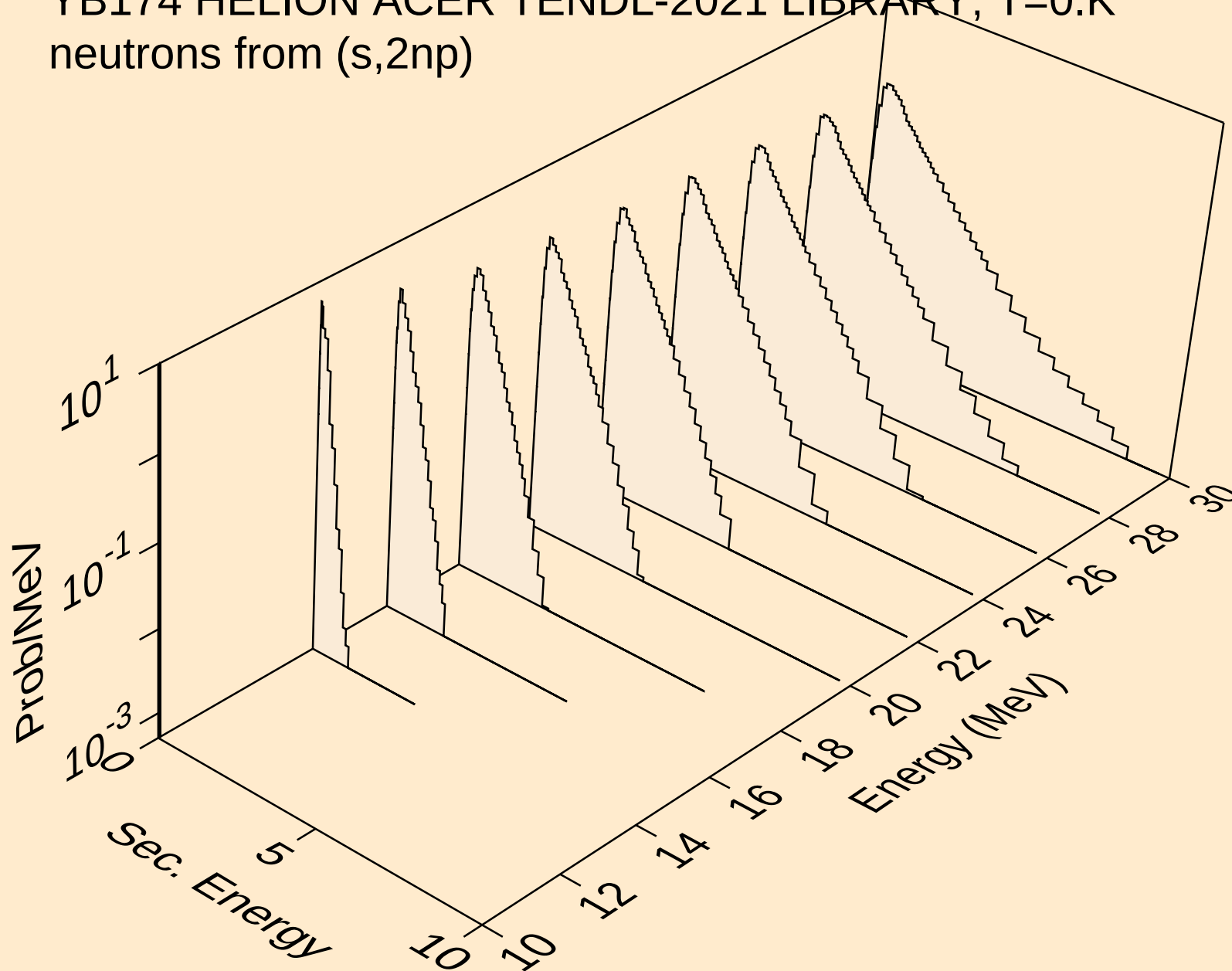


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)

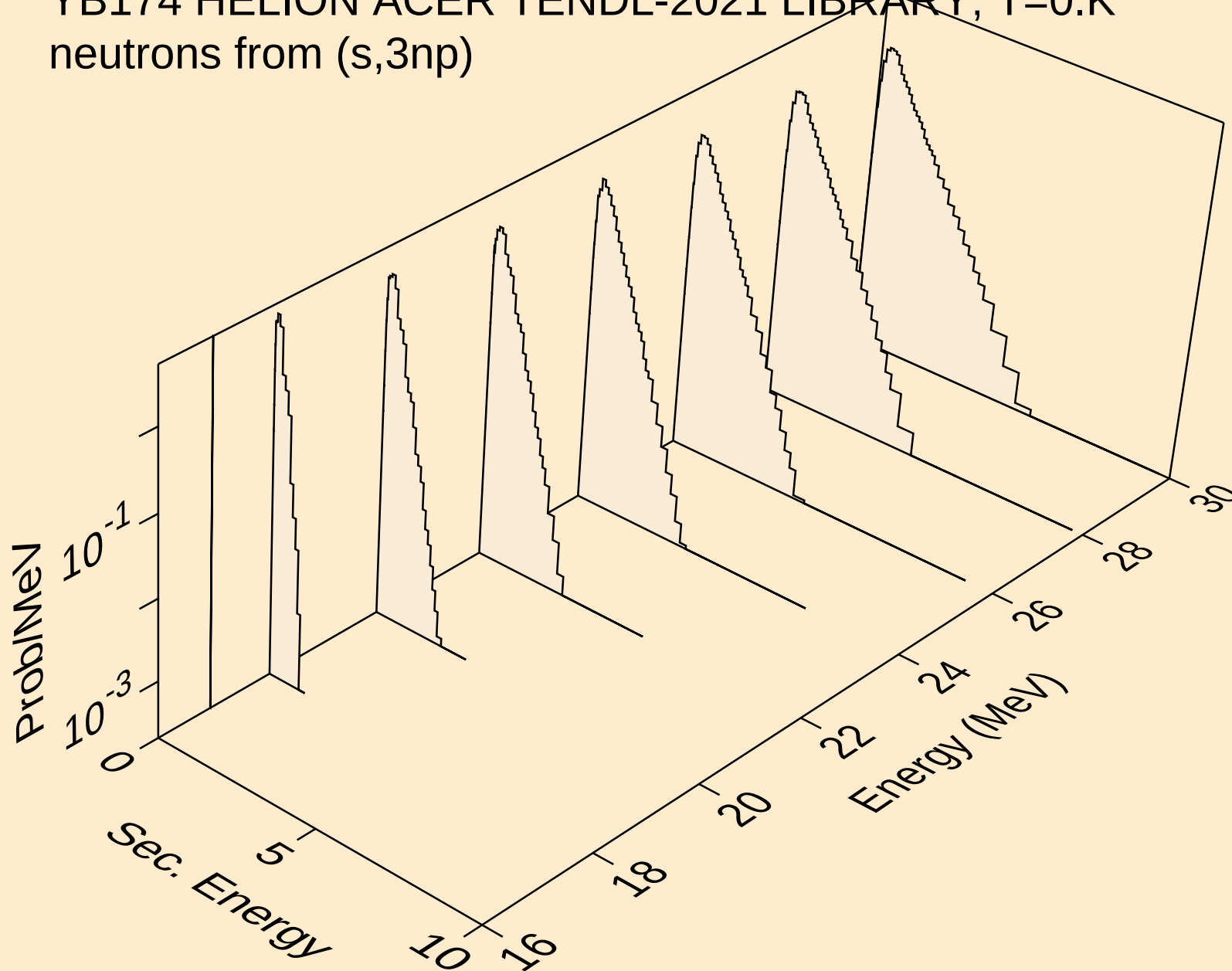




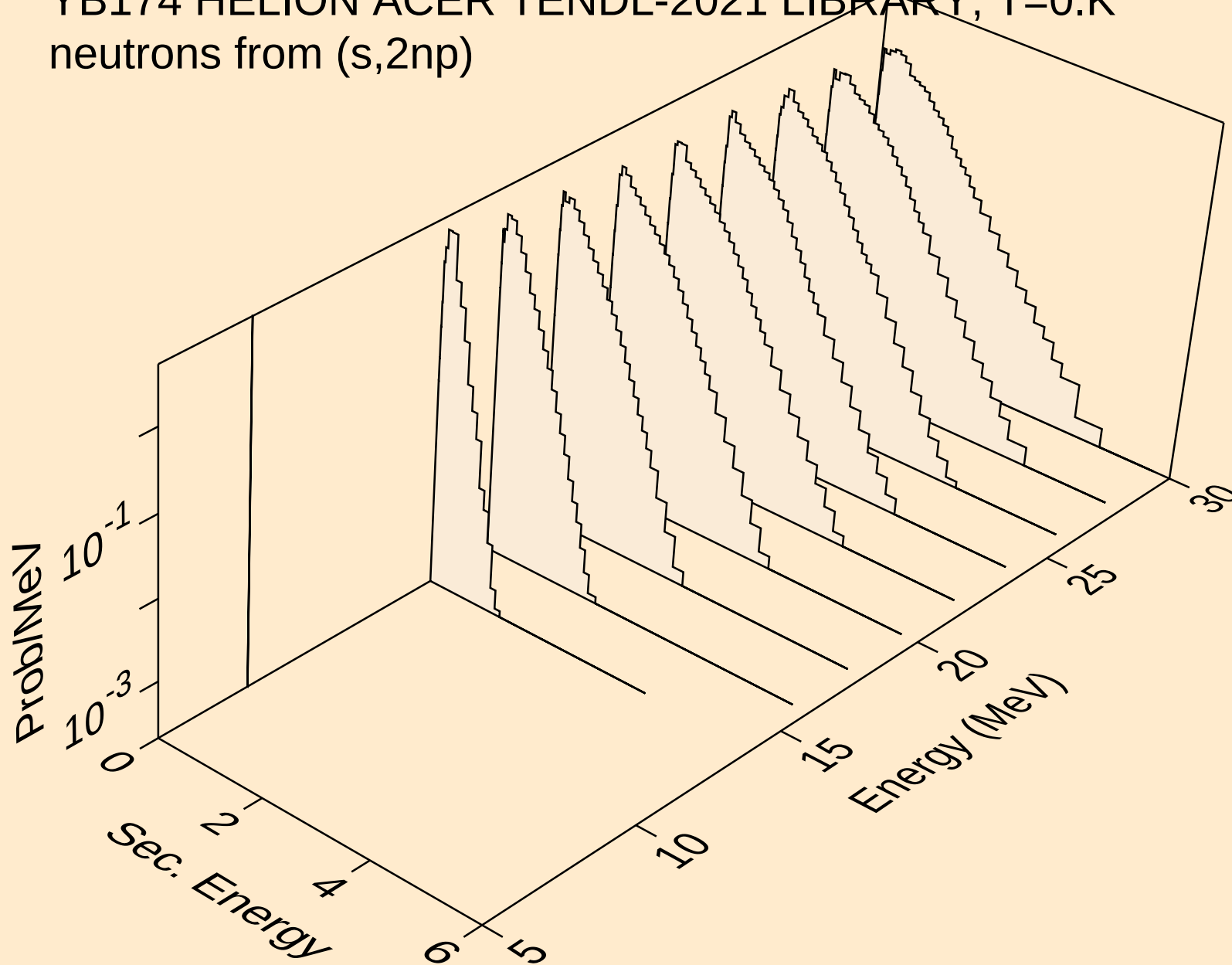
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



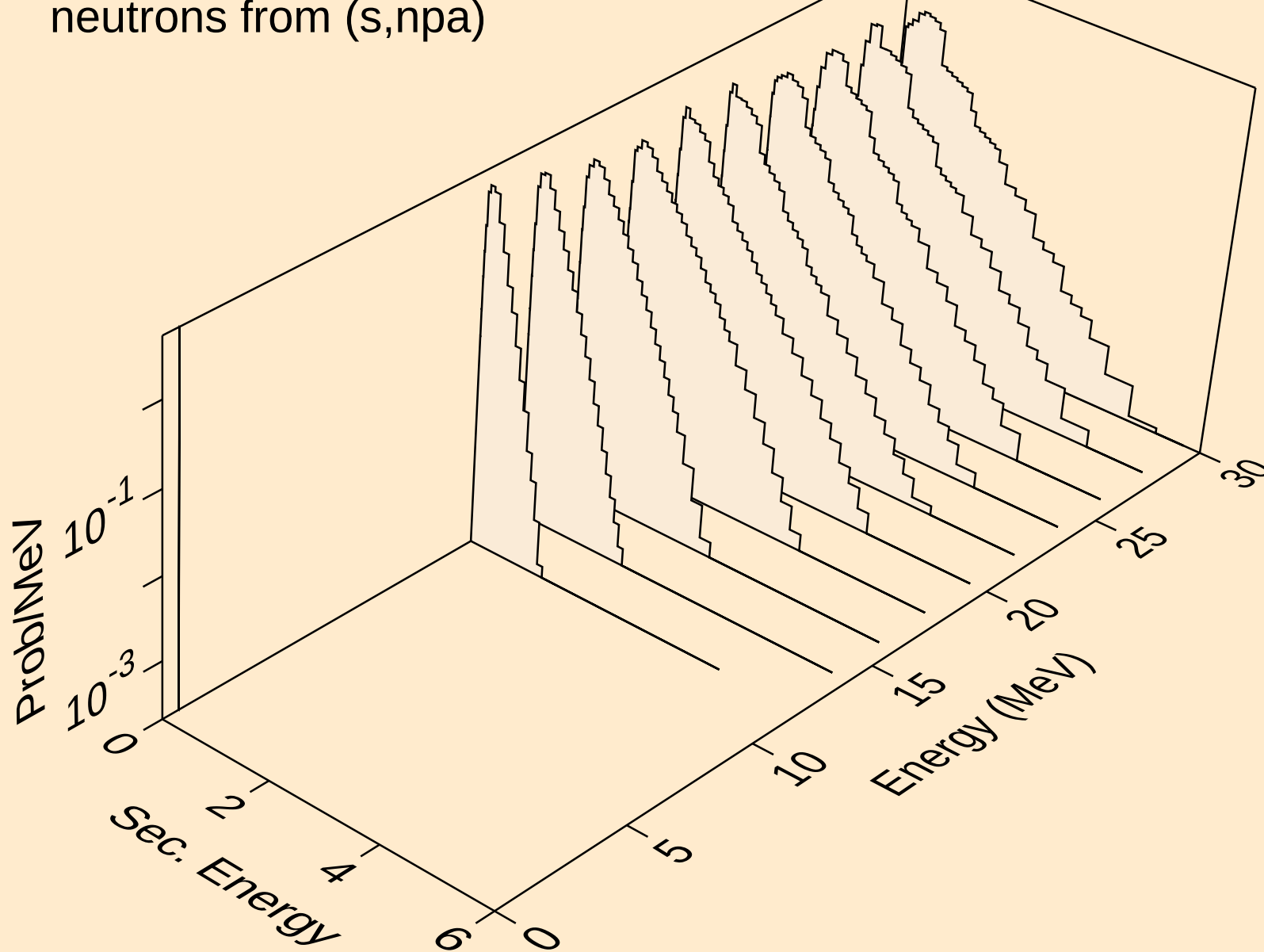
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



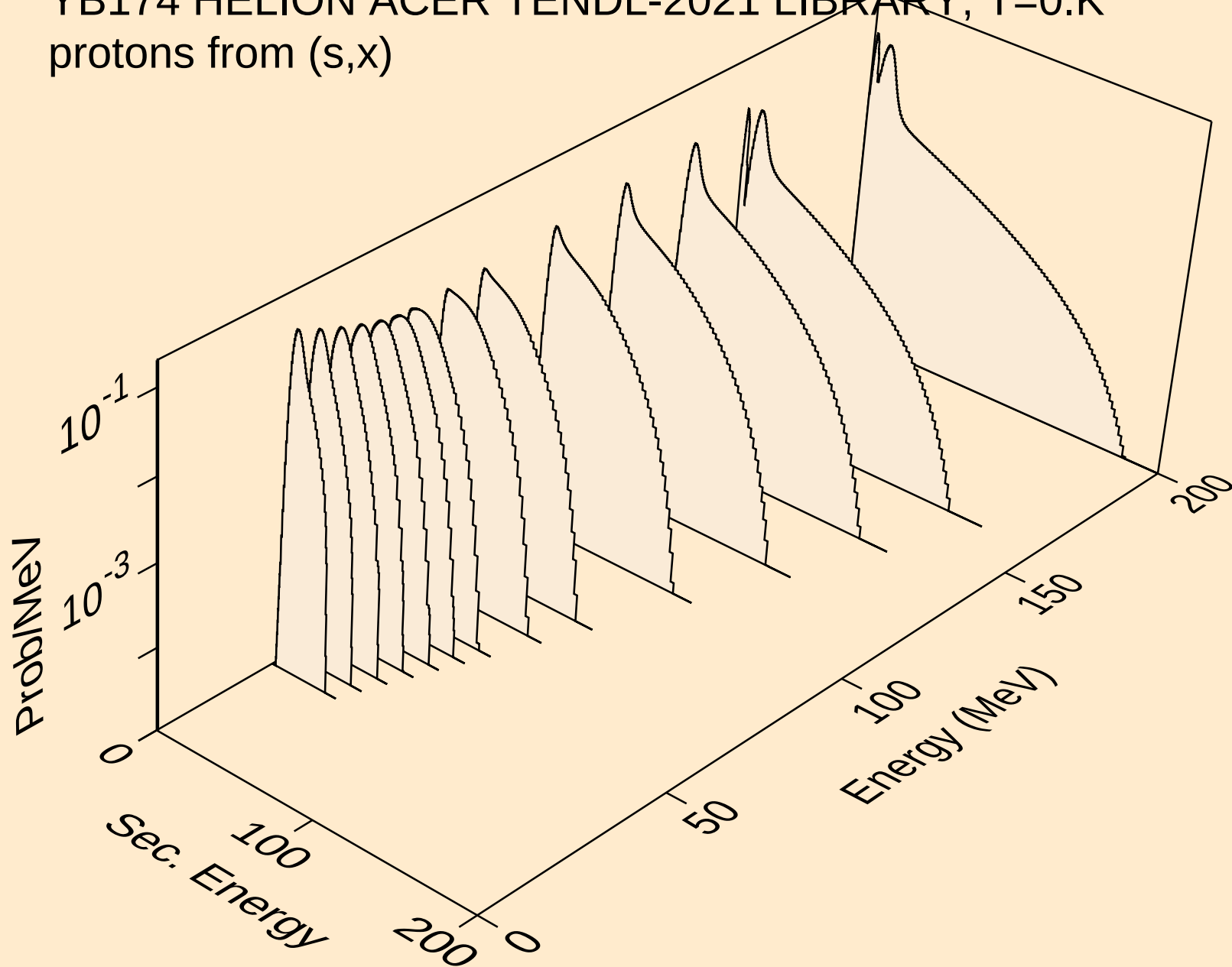
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



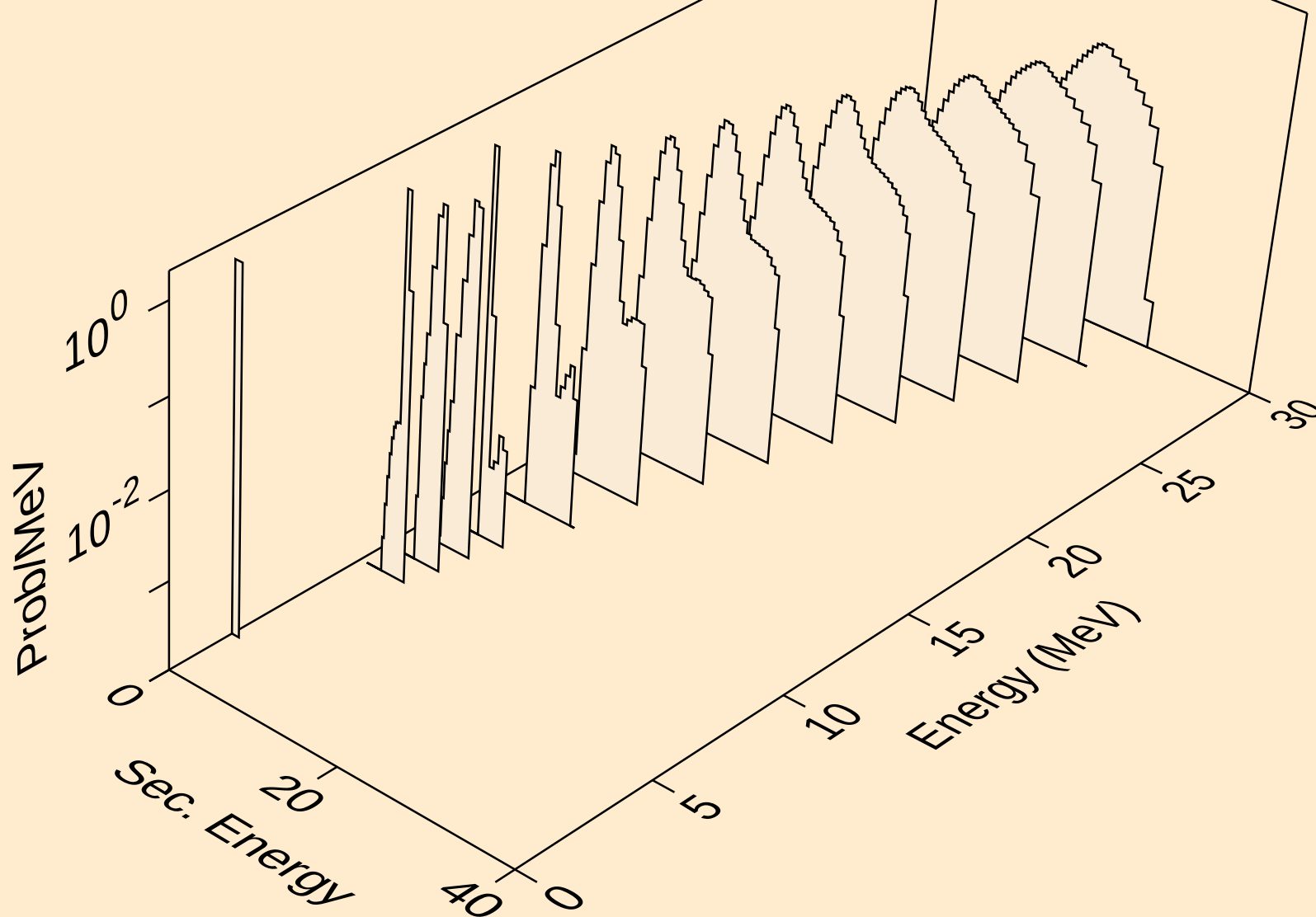
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



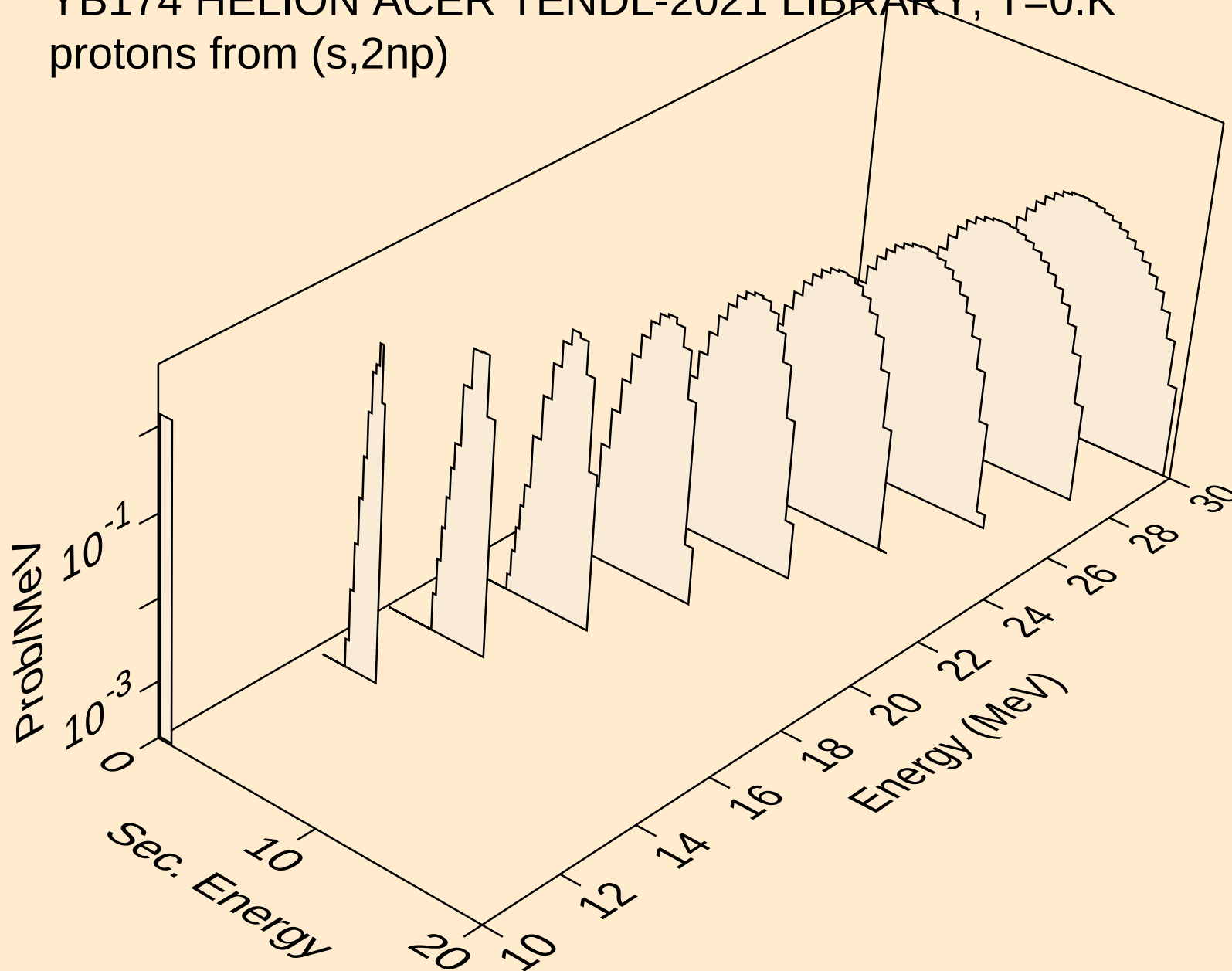
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



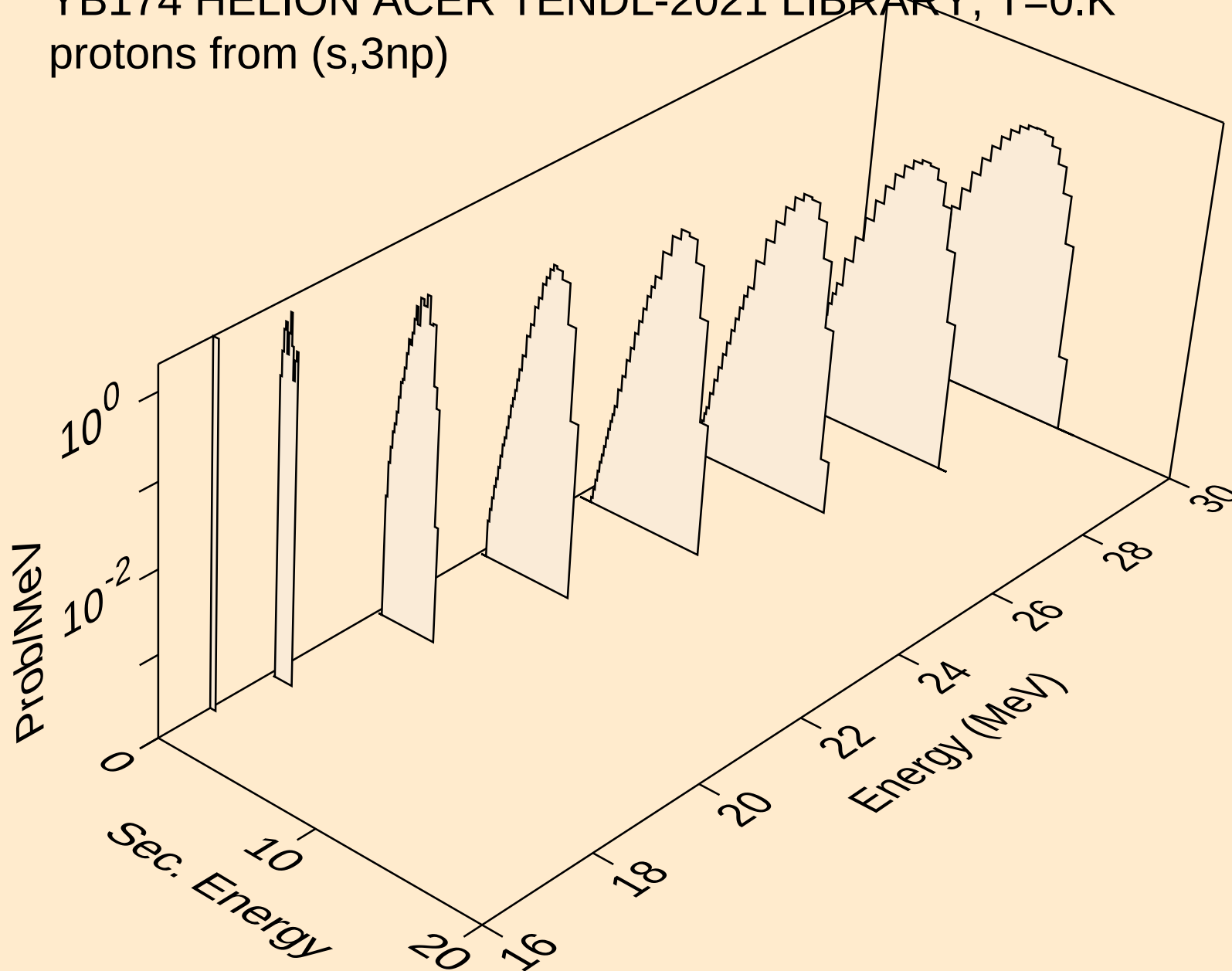
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

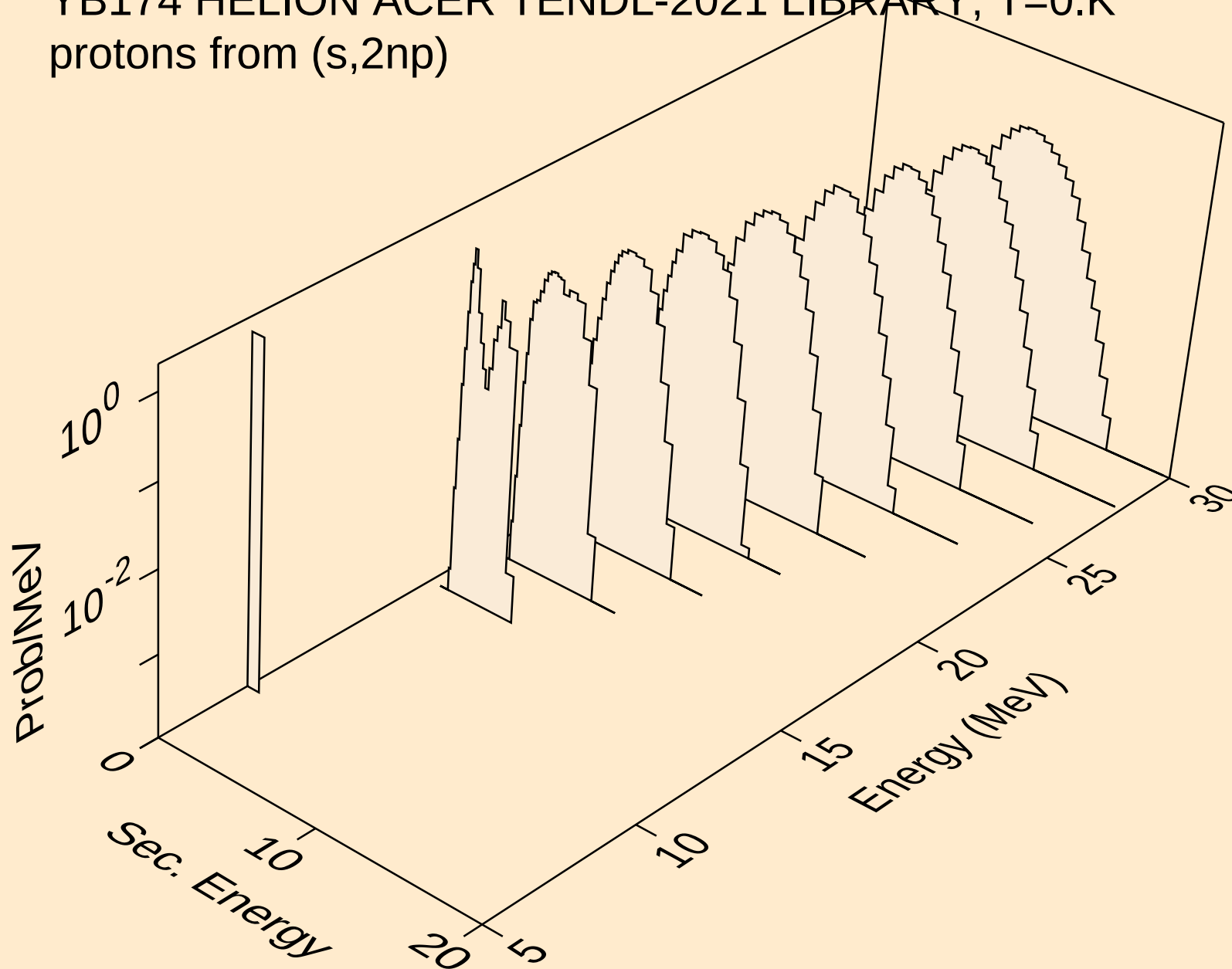


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

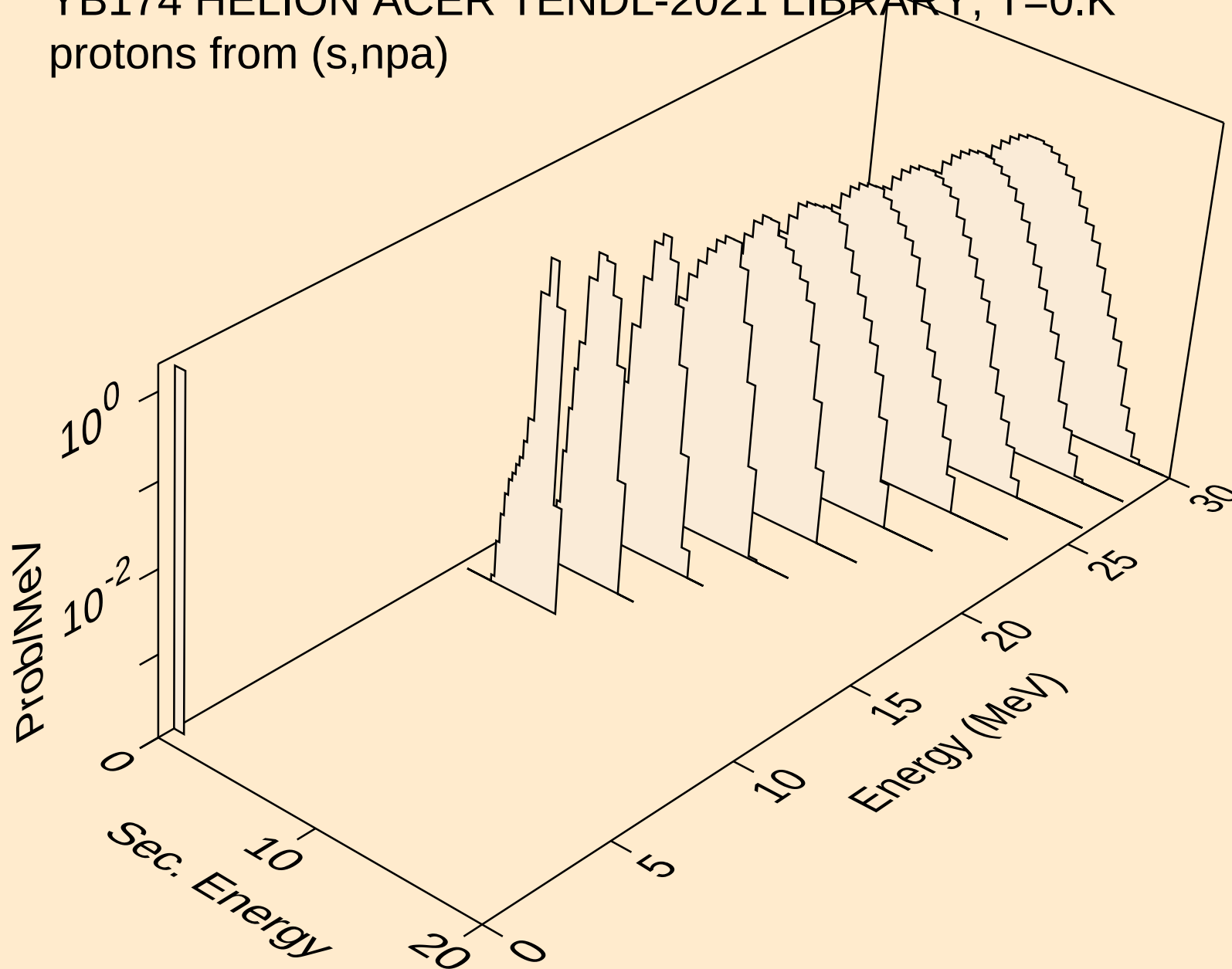




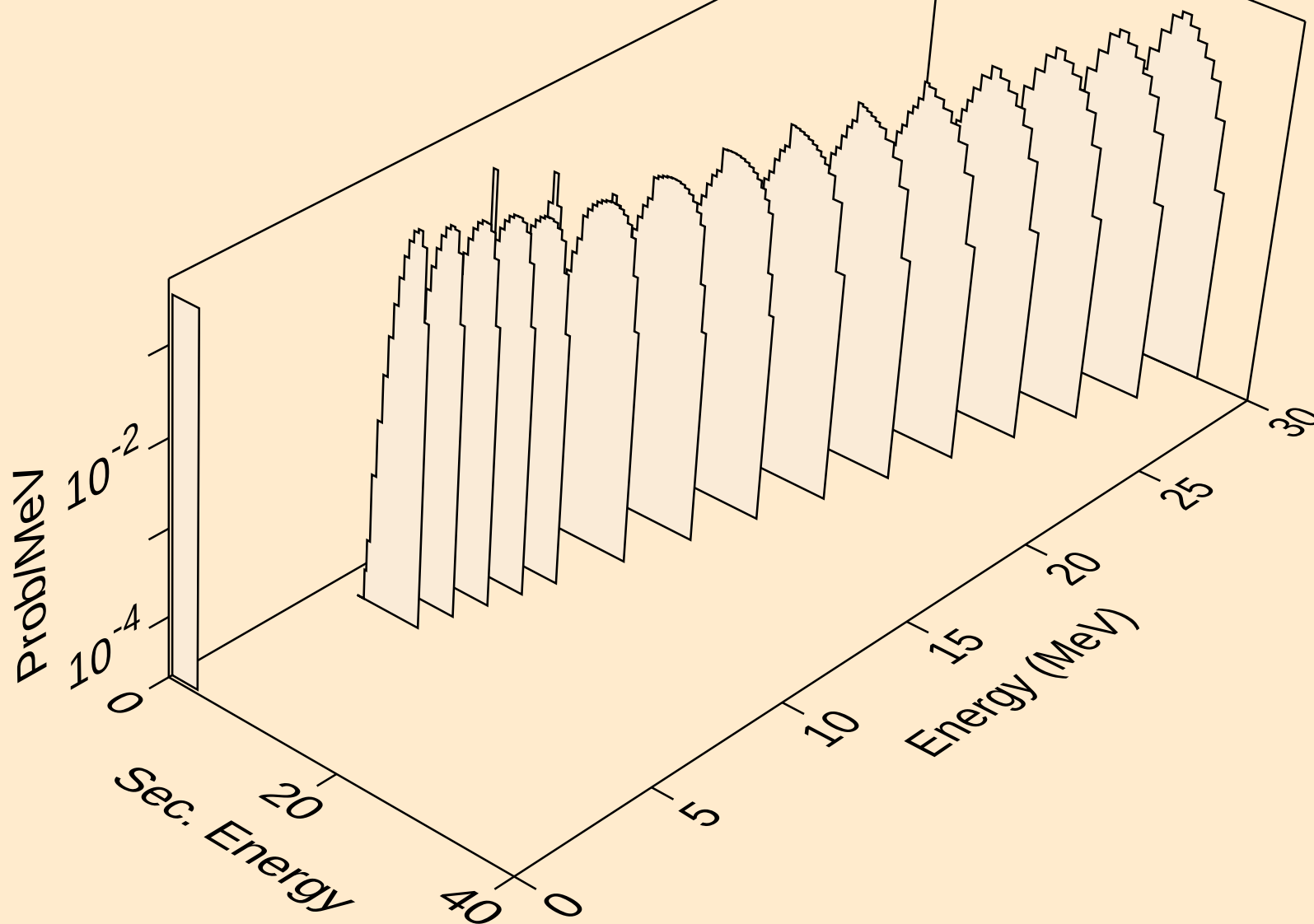
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



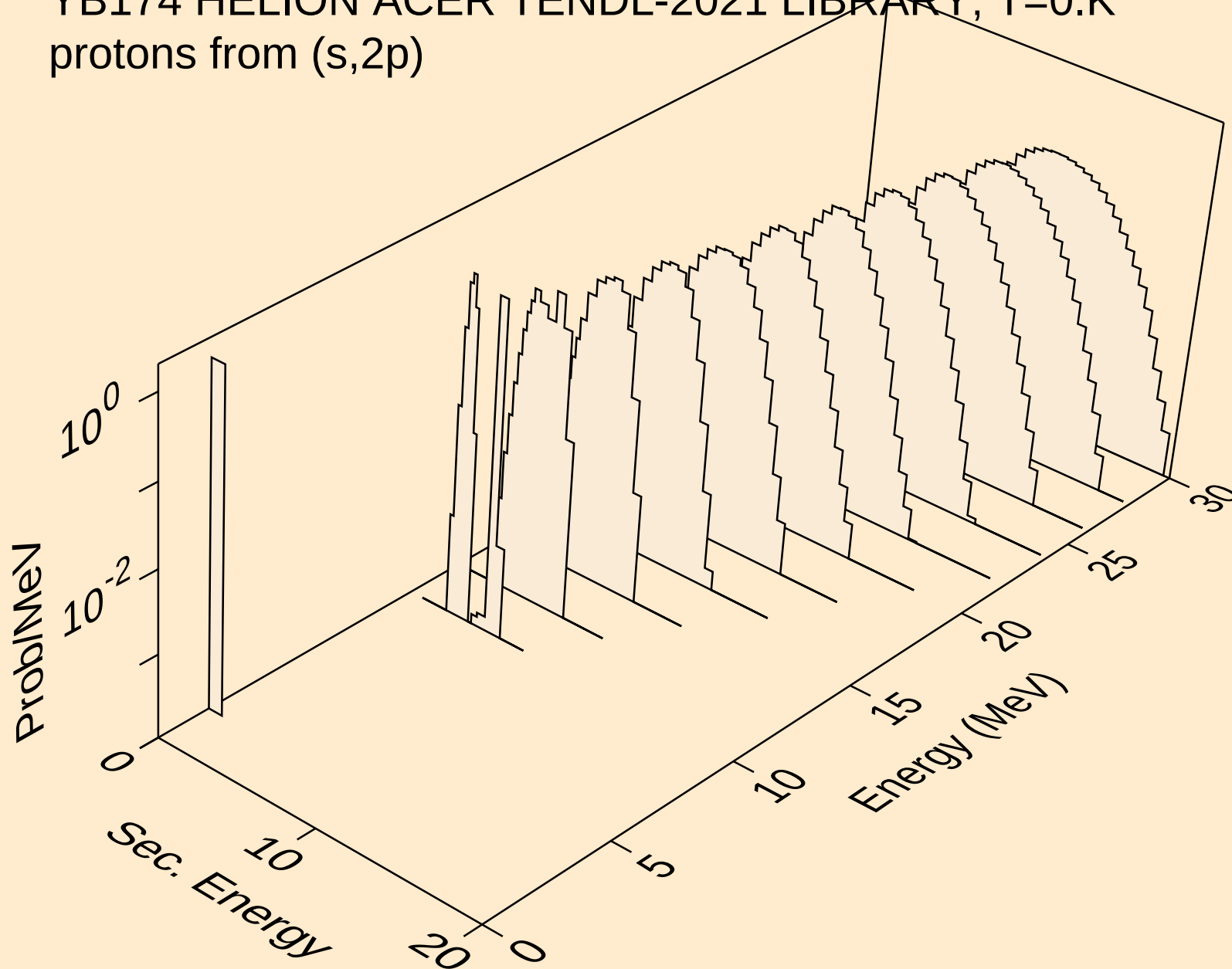
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



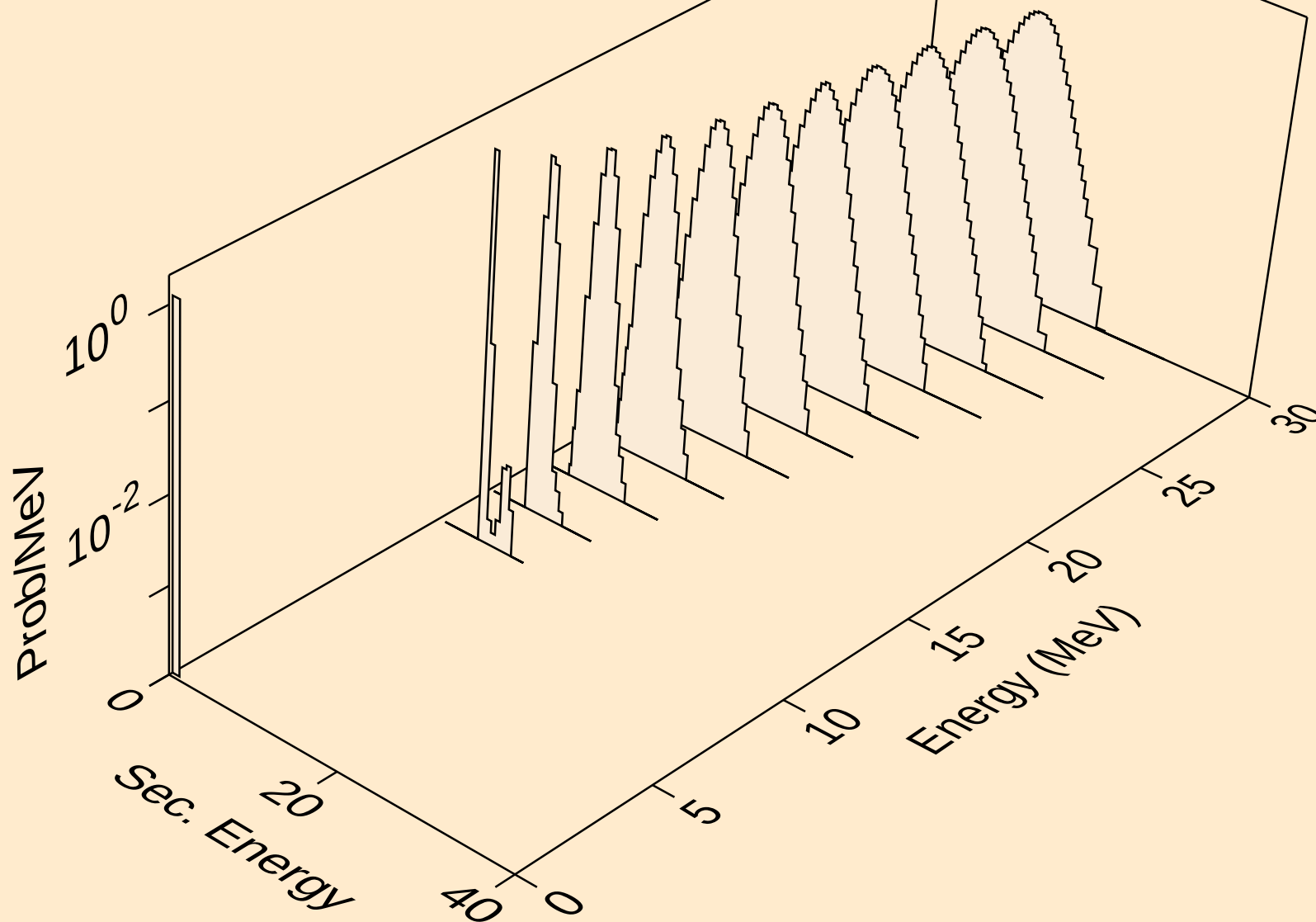
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



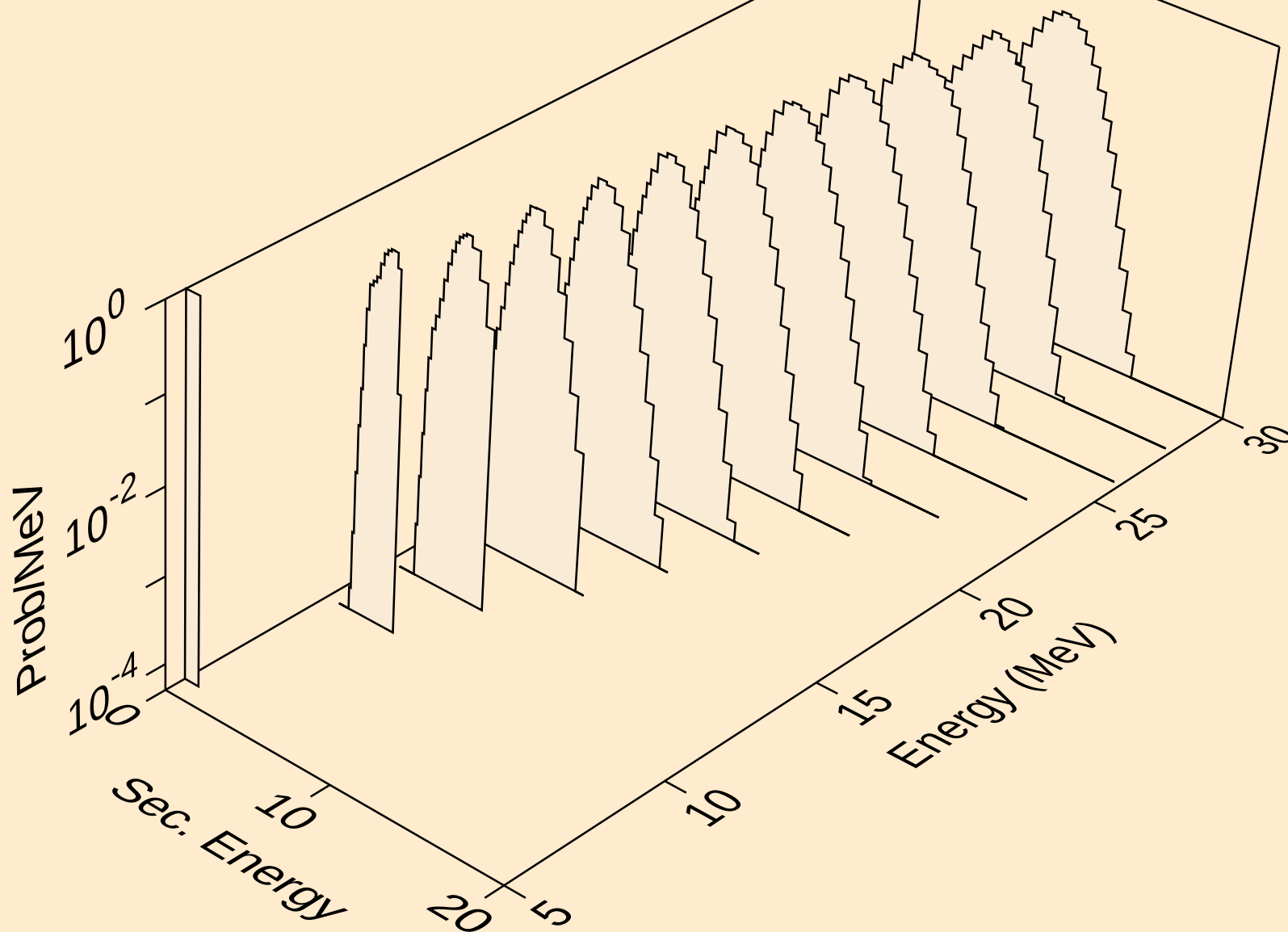
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



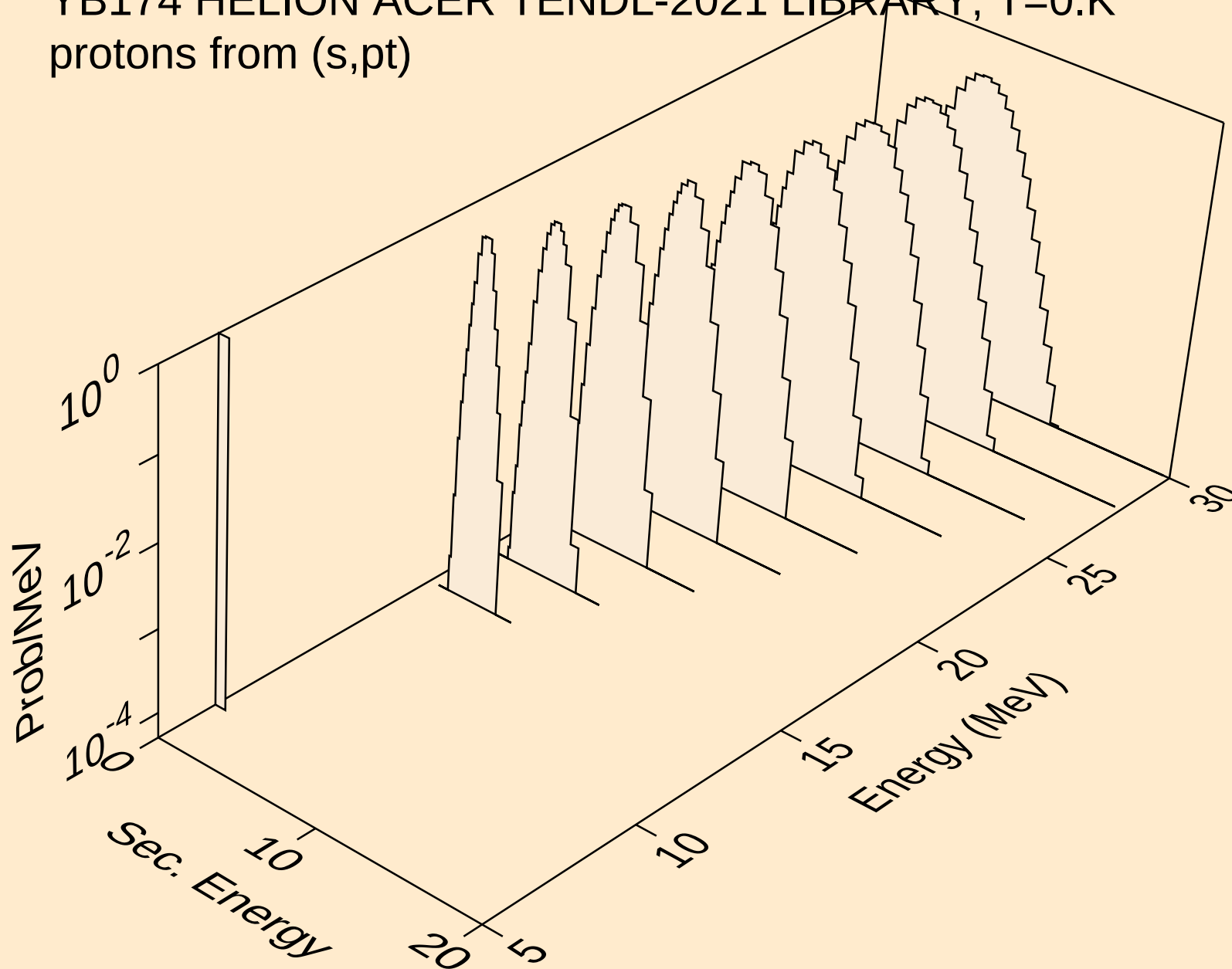
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



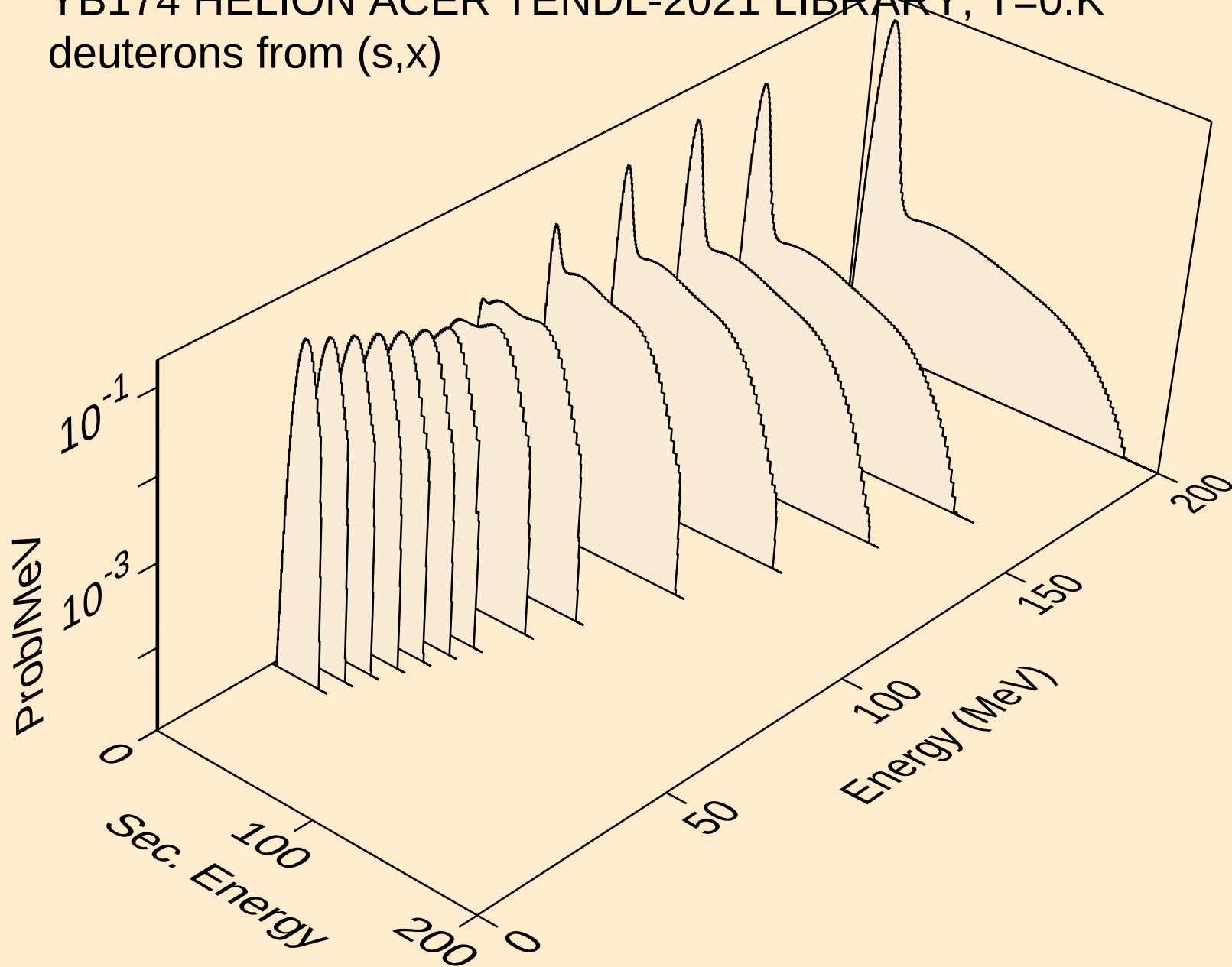
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

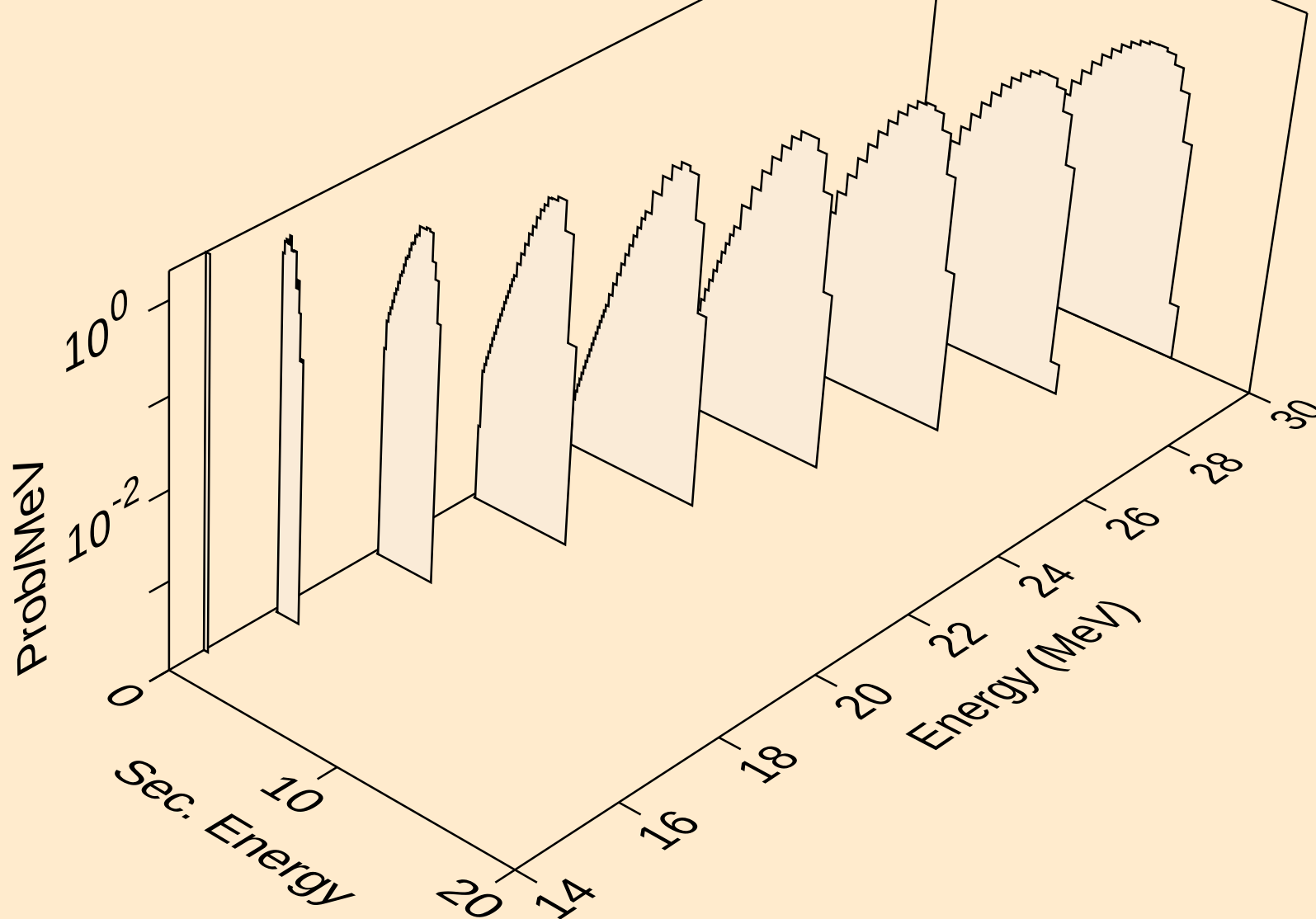


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

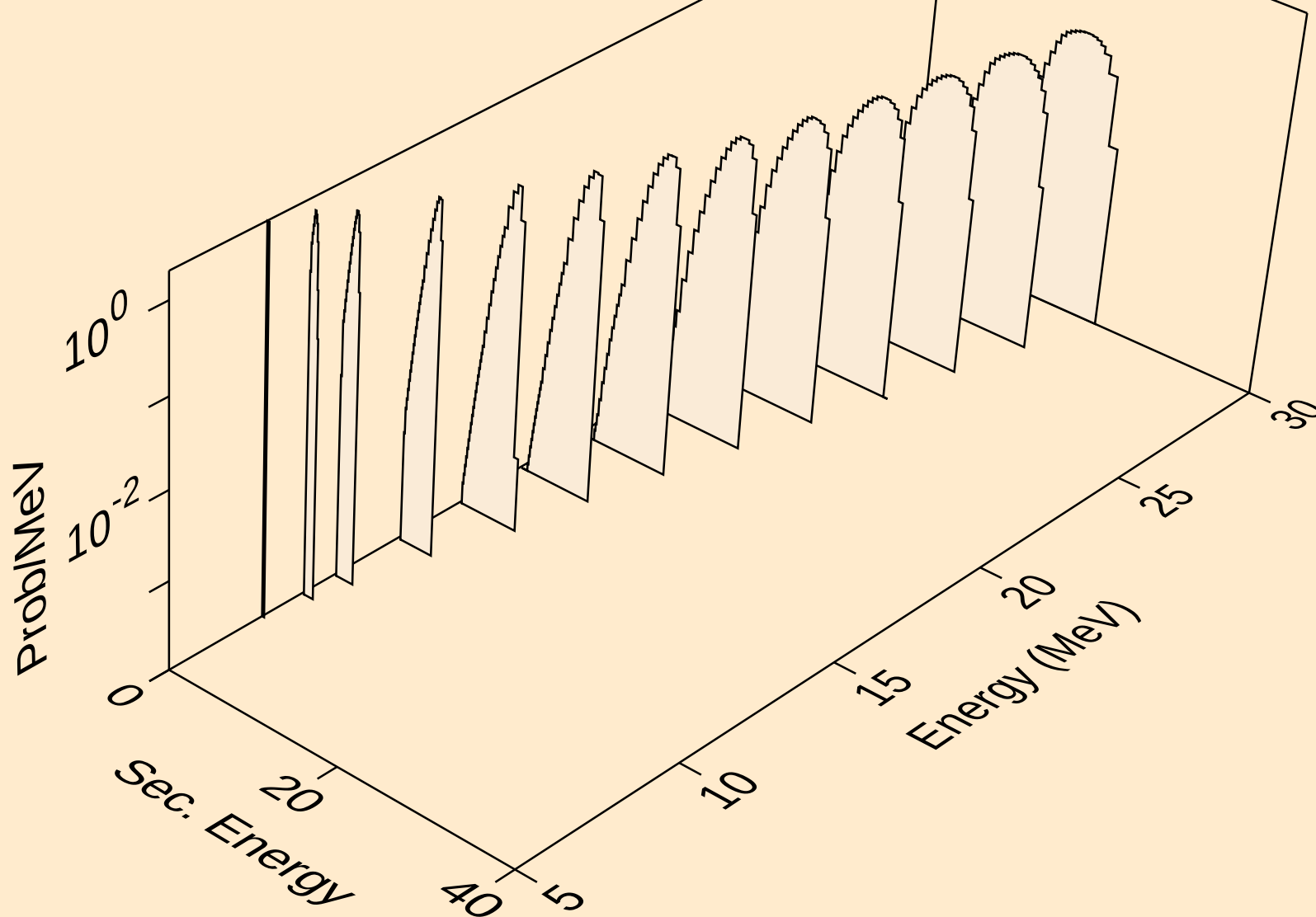




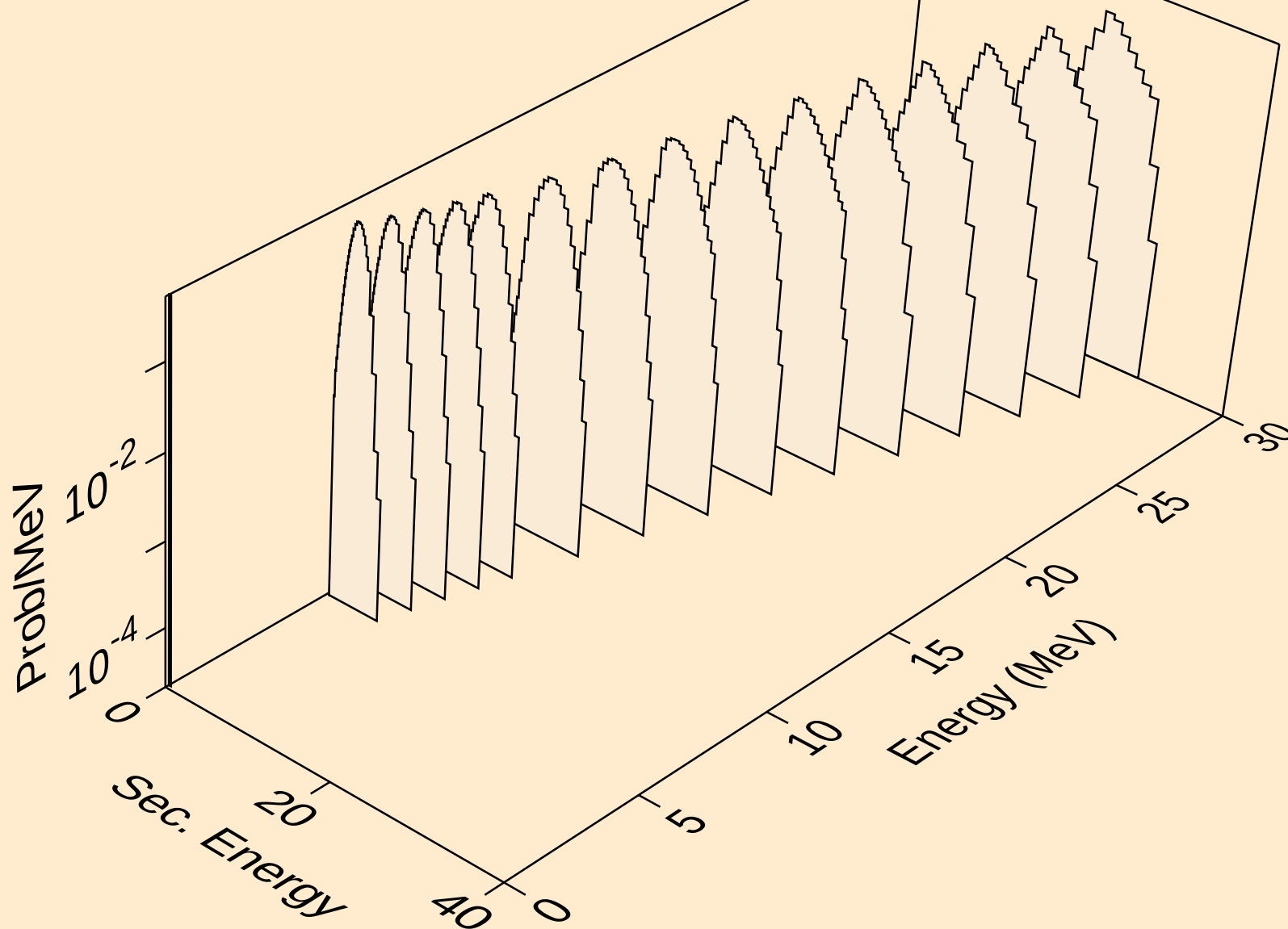
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



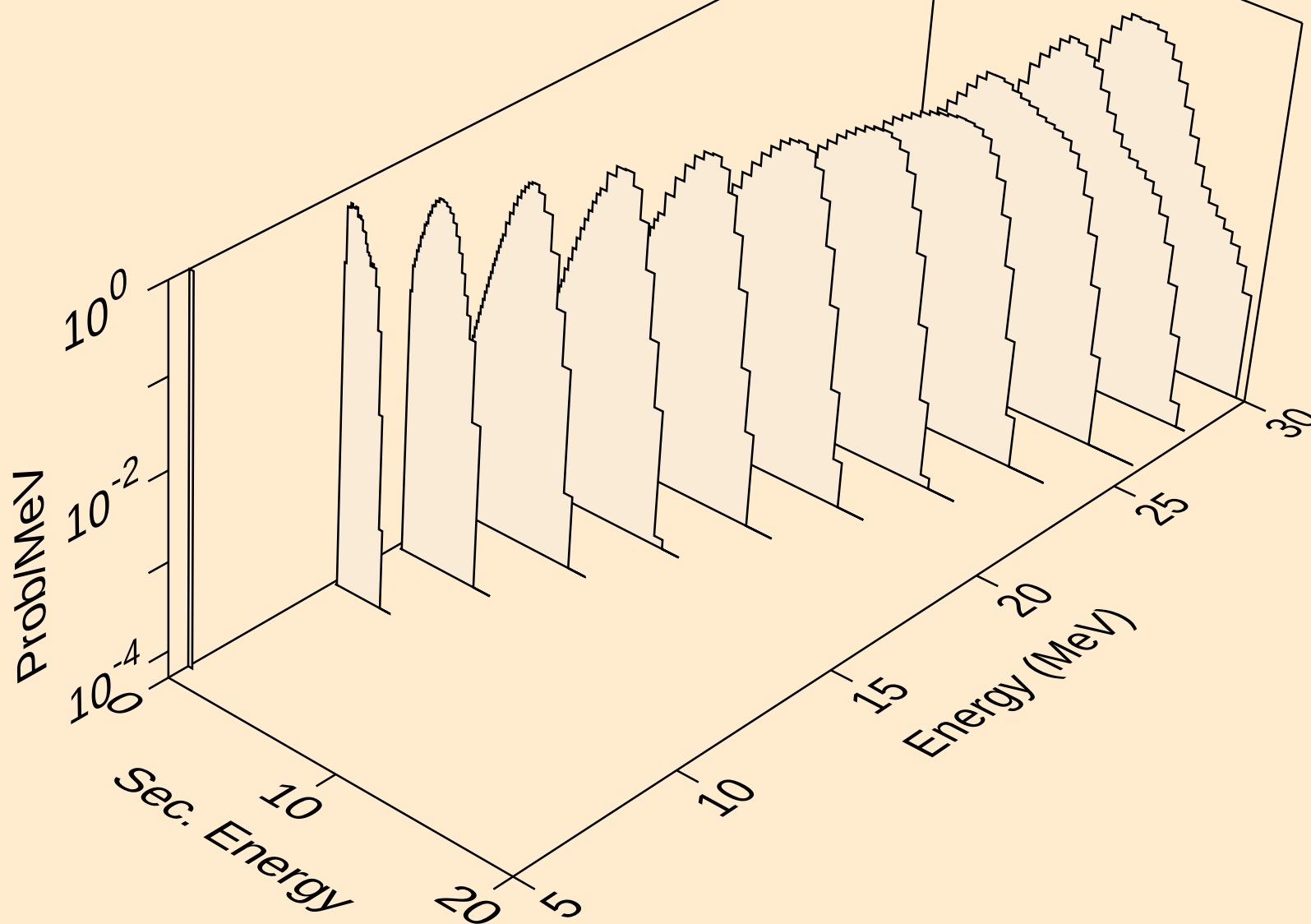
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



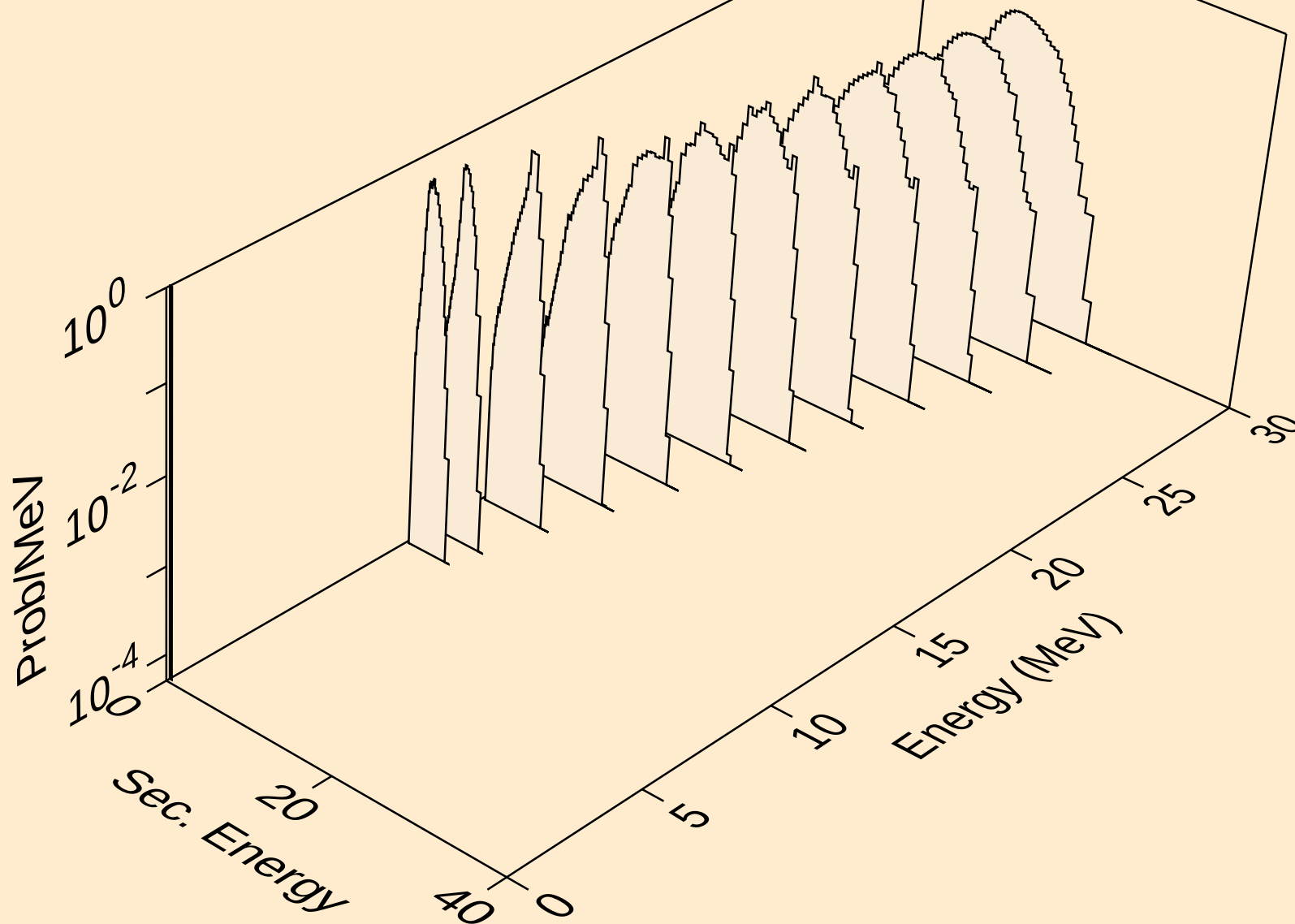
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



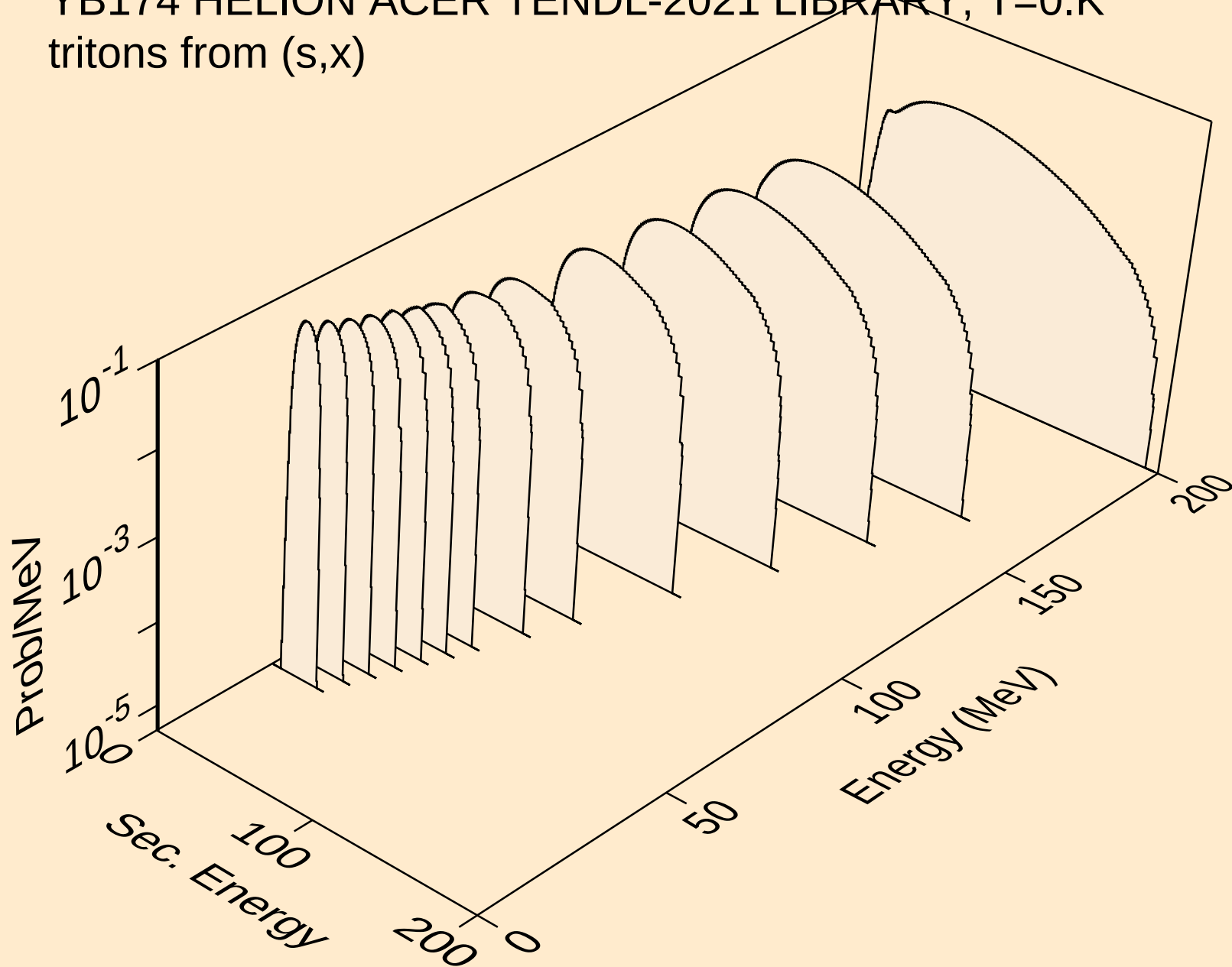
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



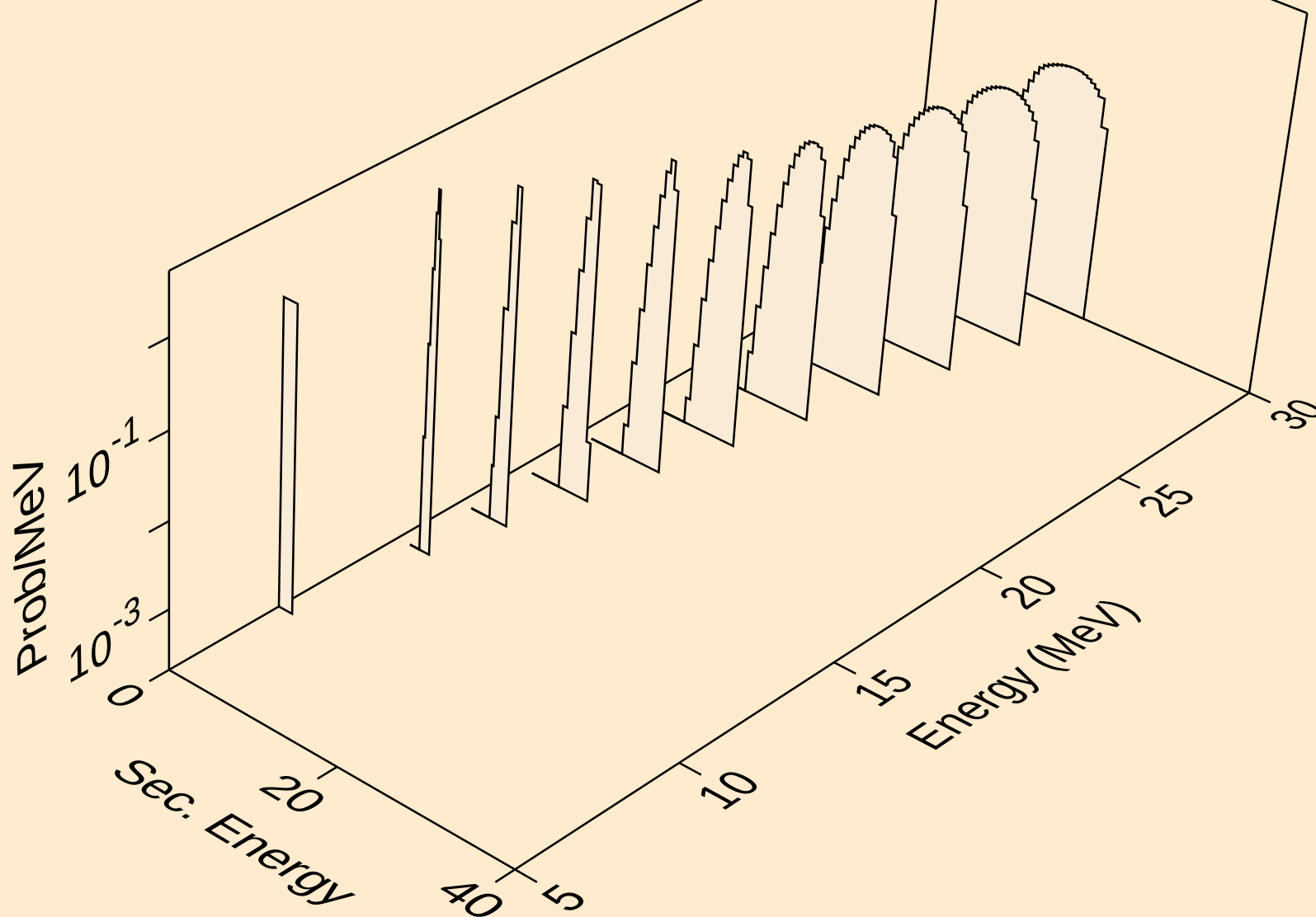
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



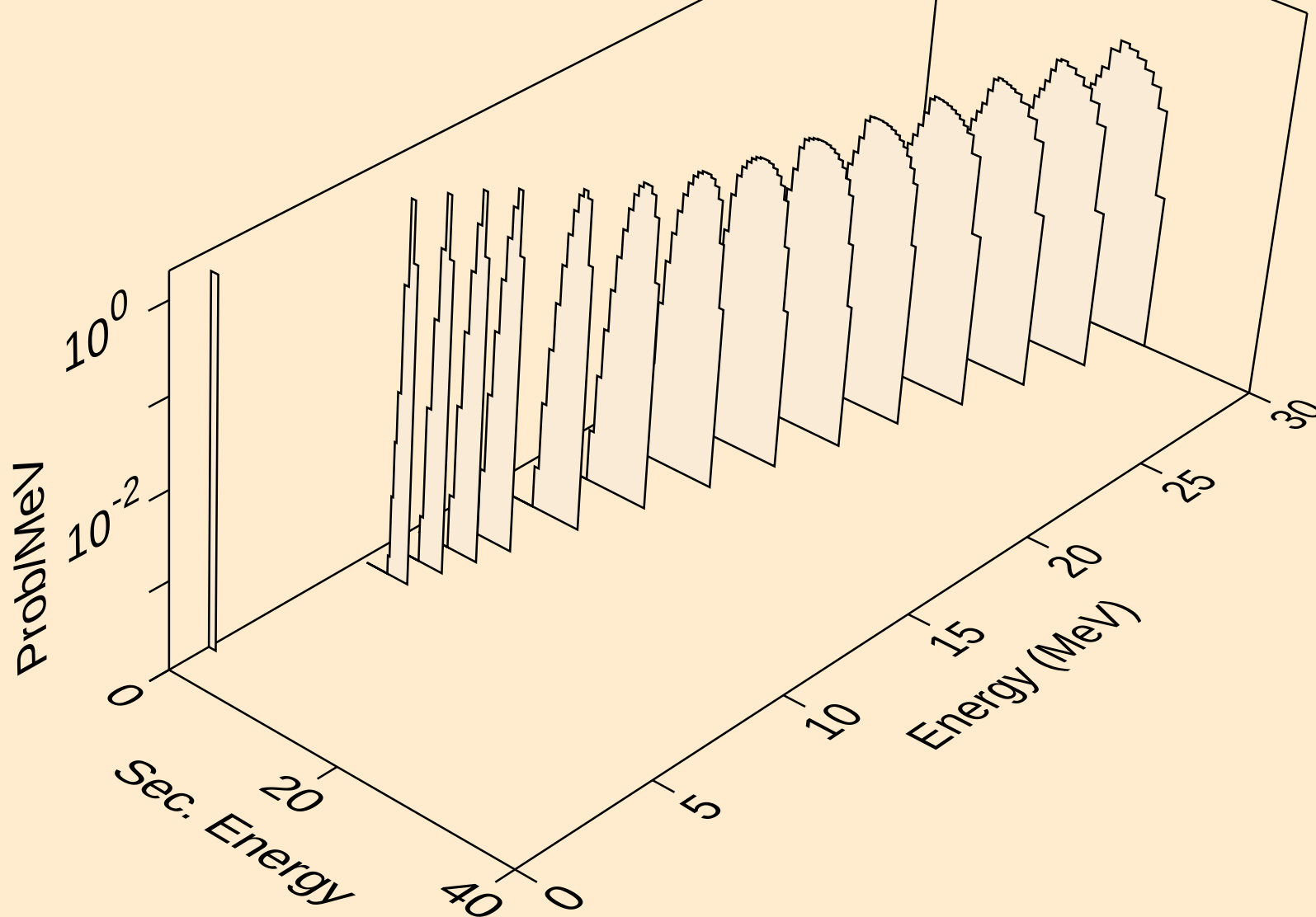
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

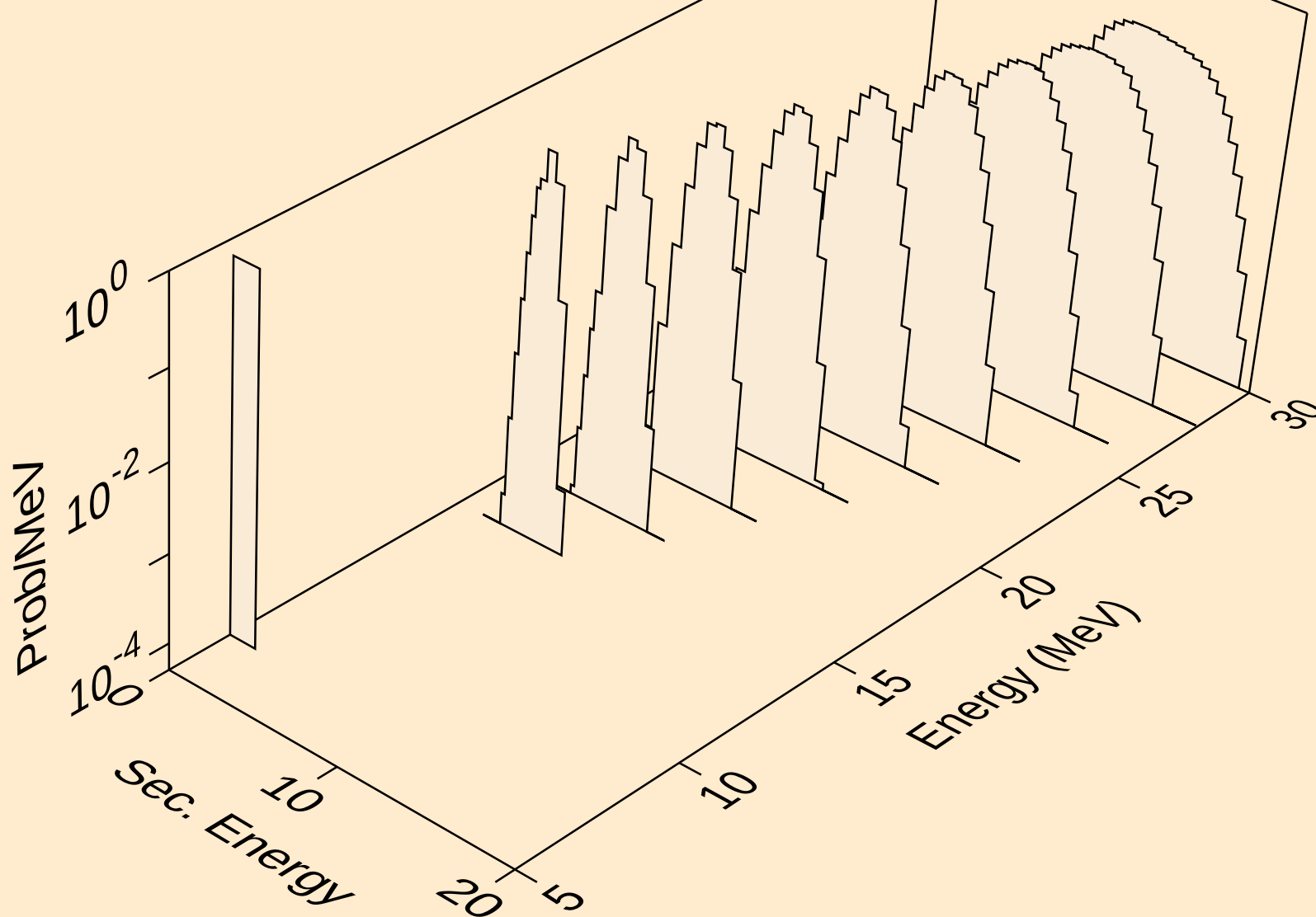


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

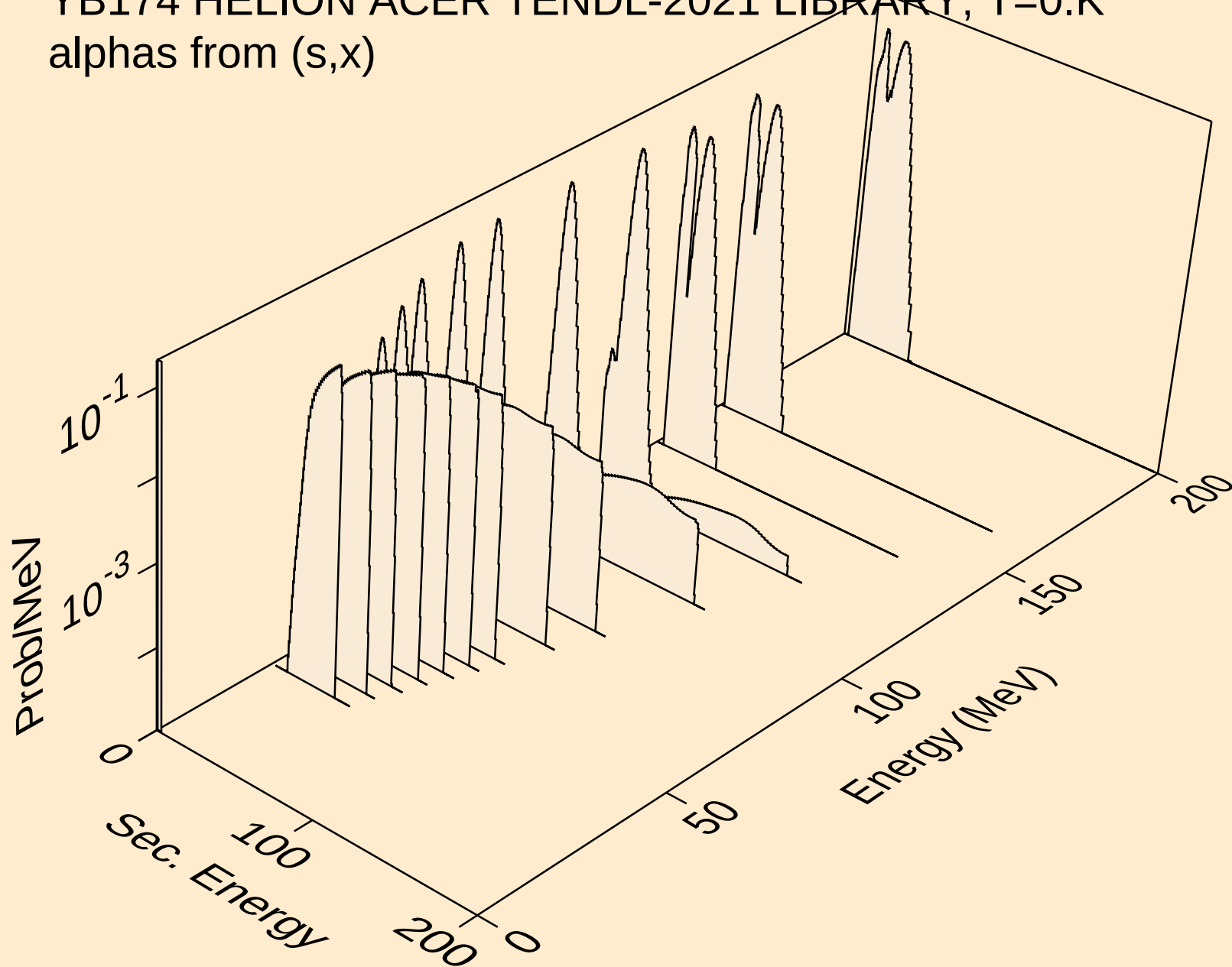




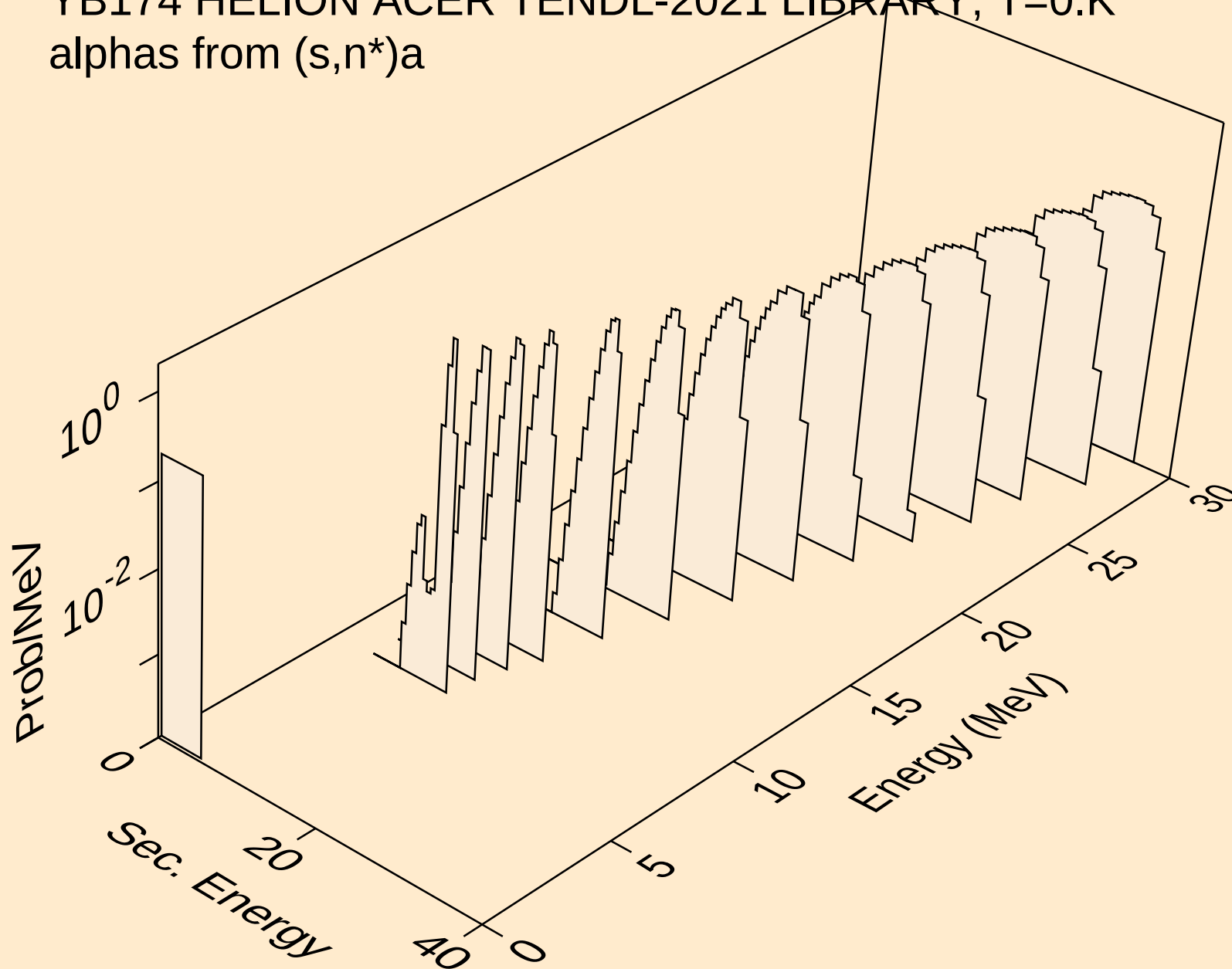
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



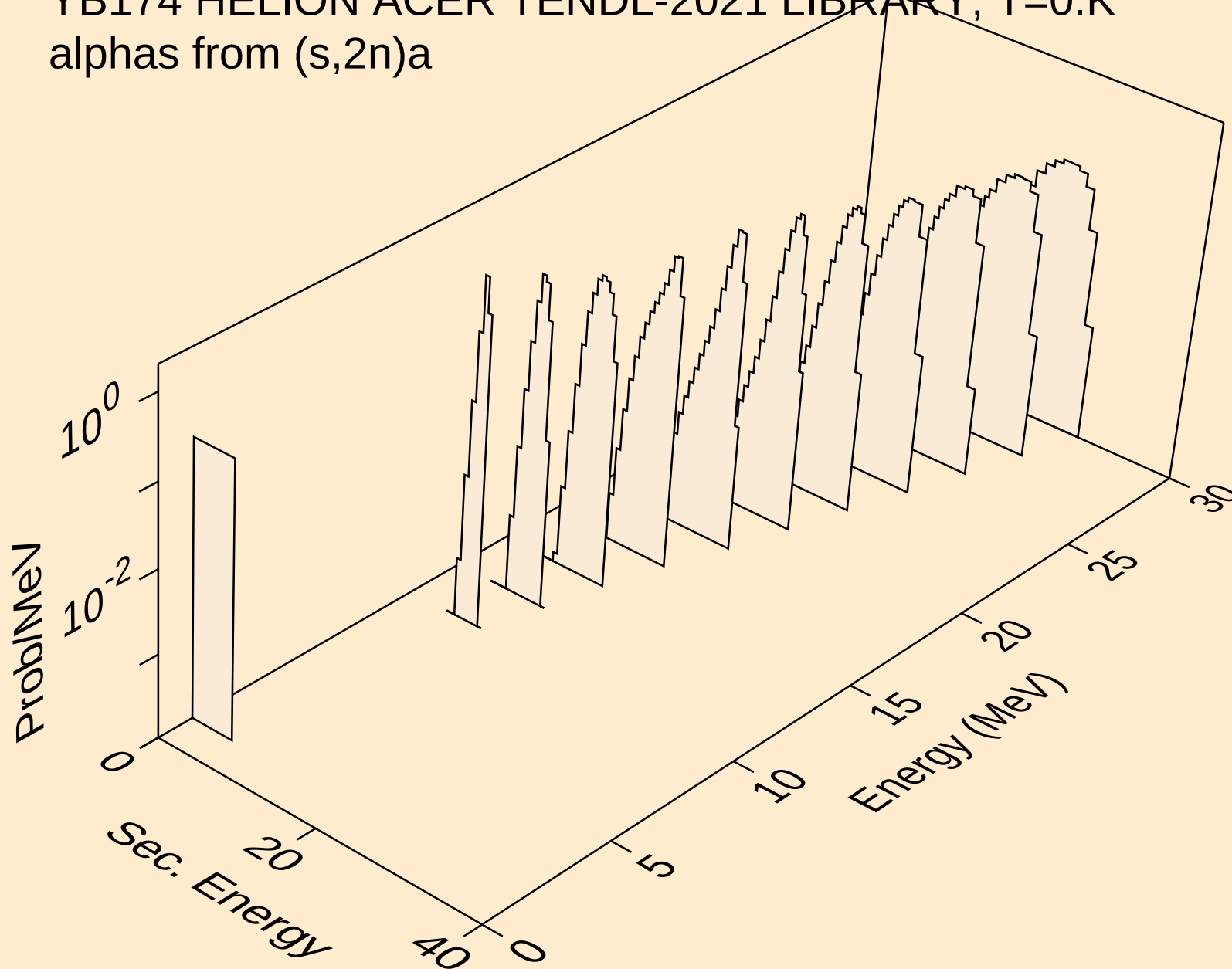
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



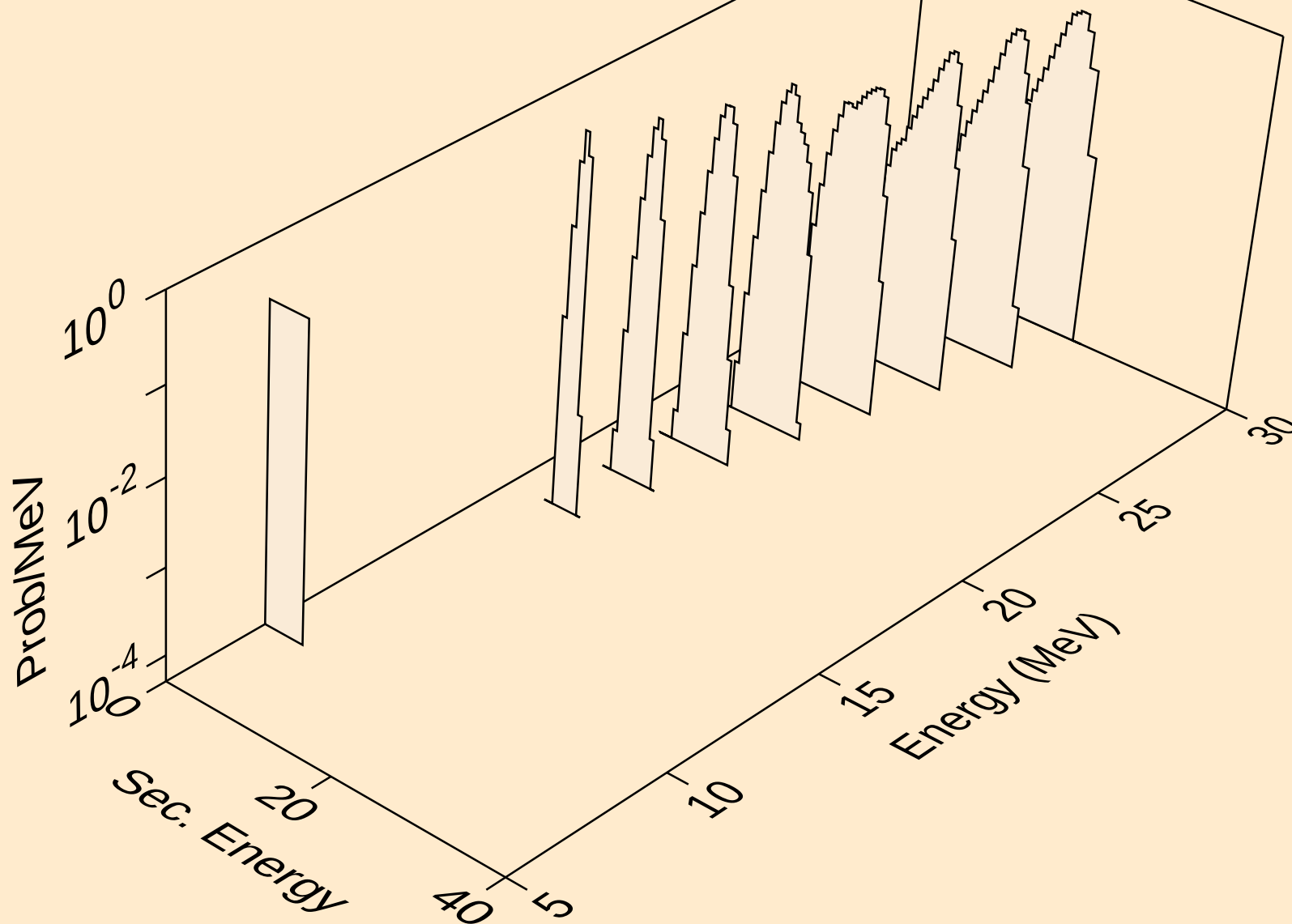
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



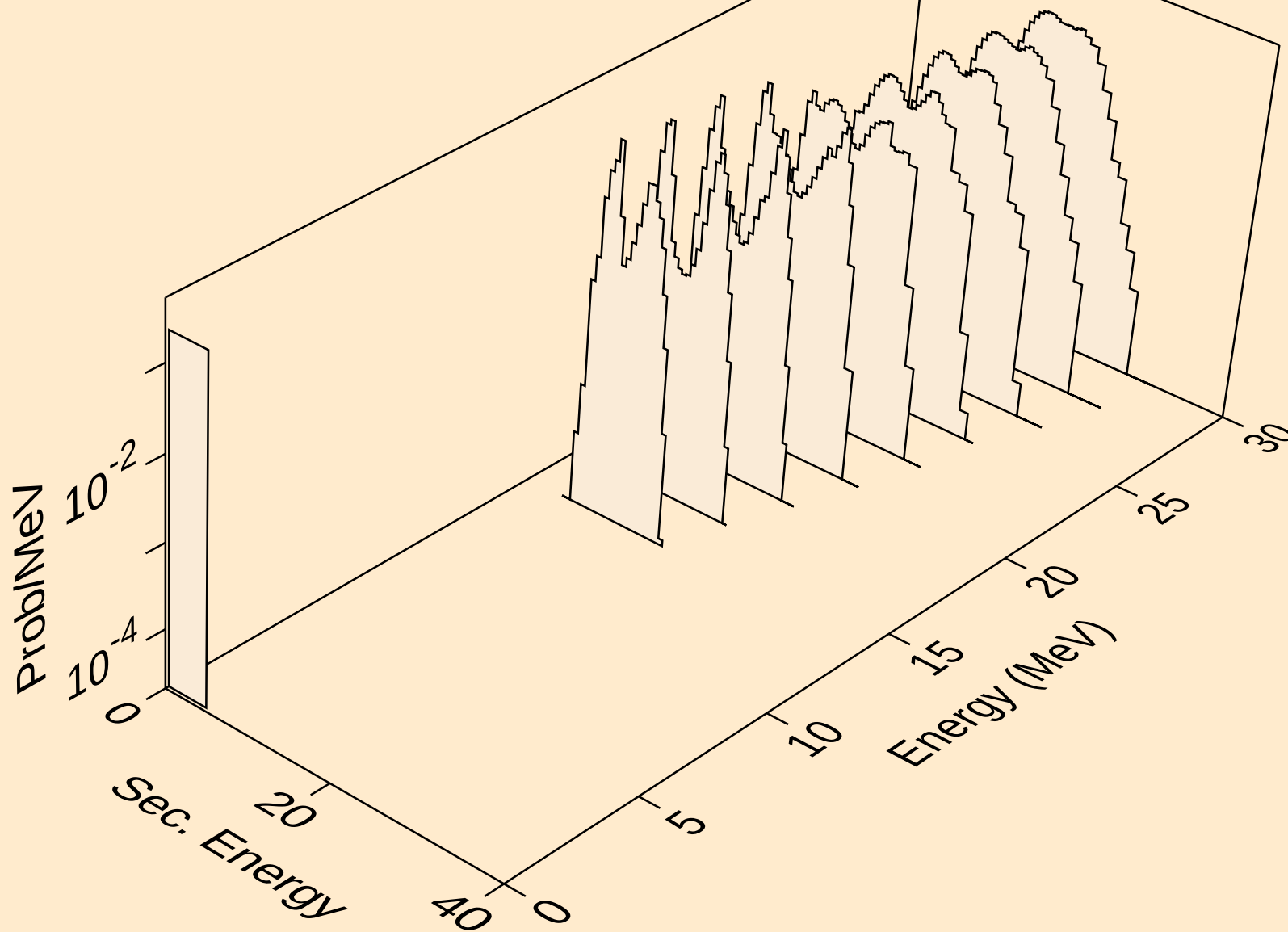
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



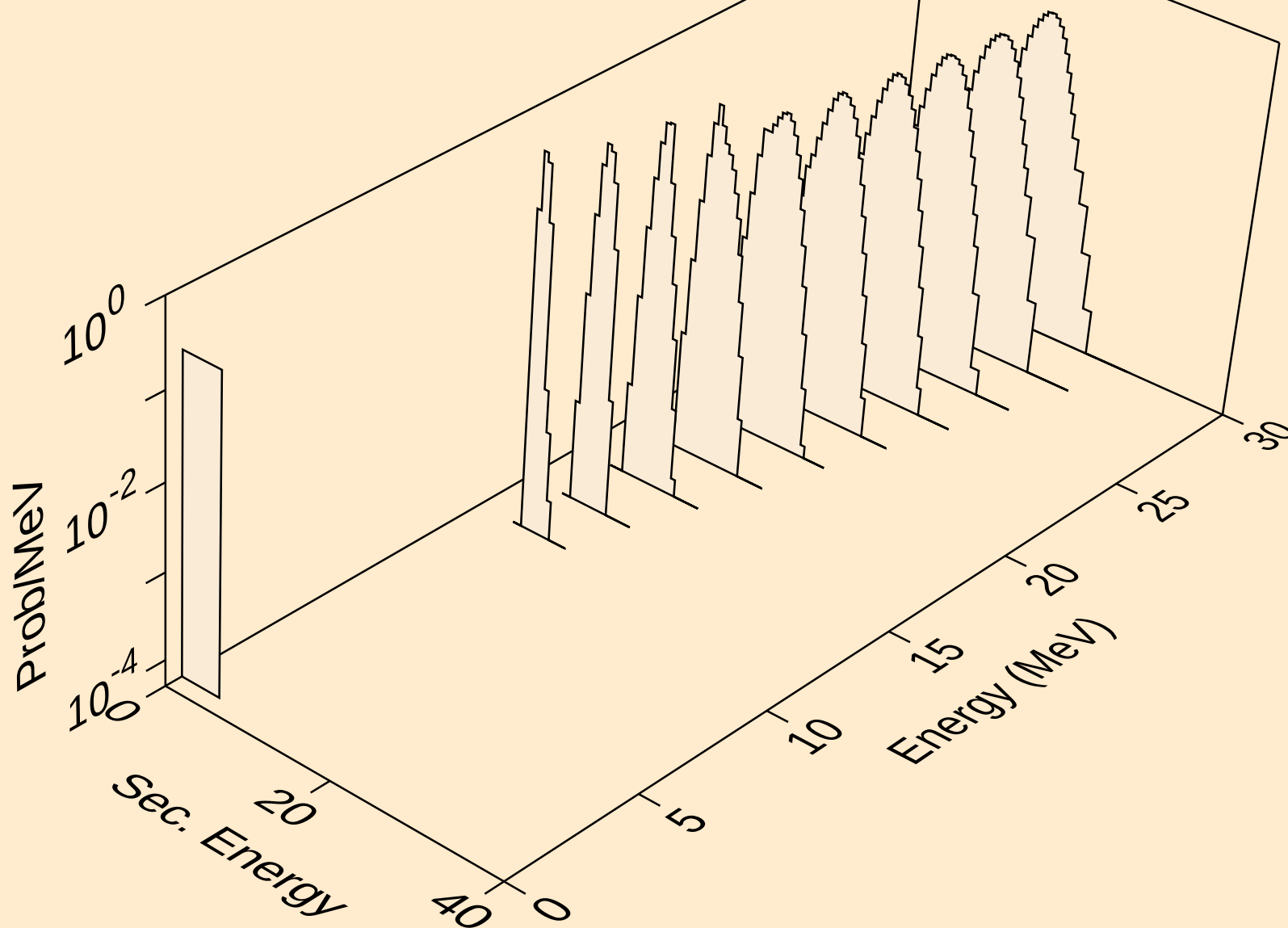
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



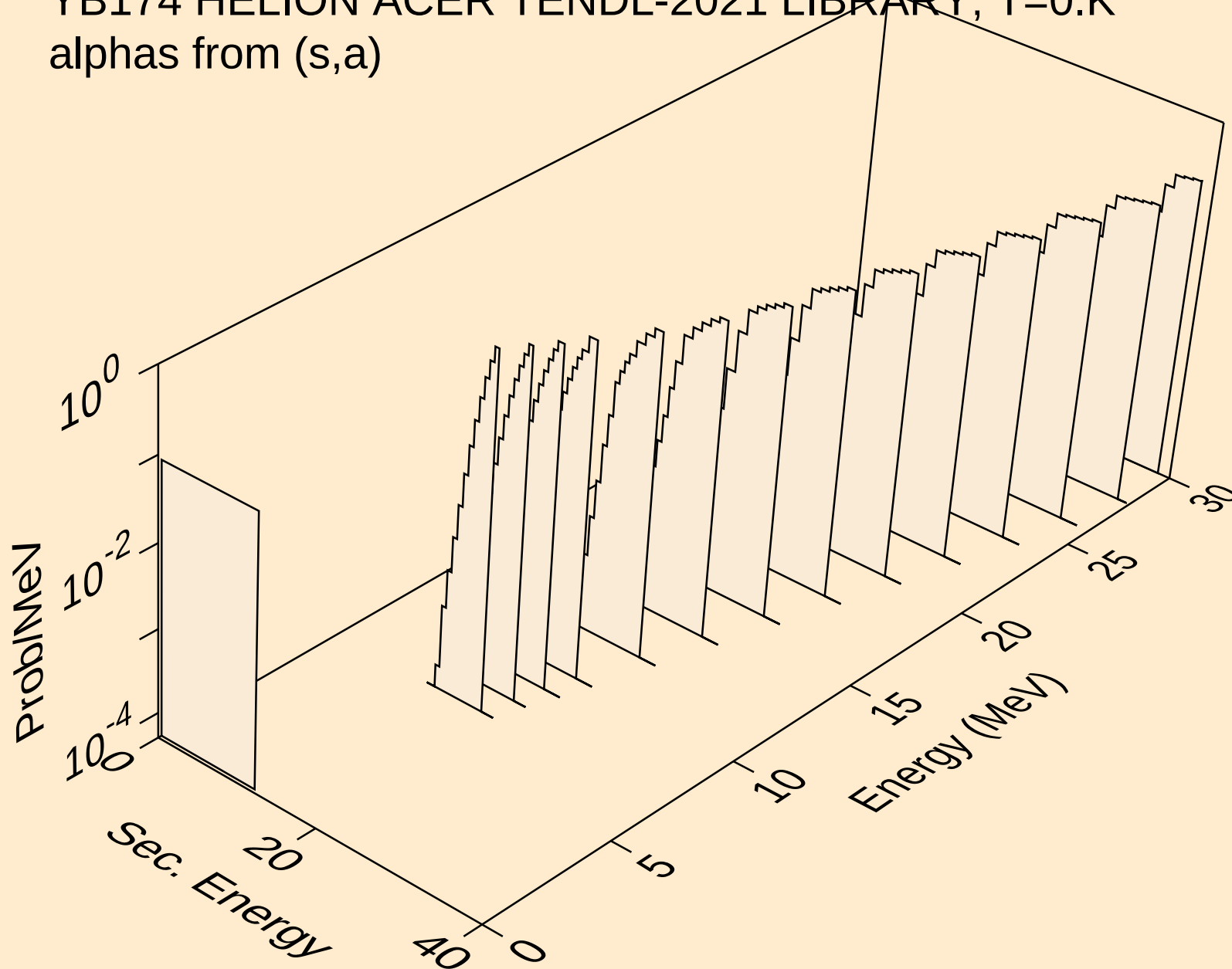
YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

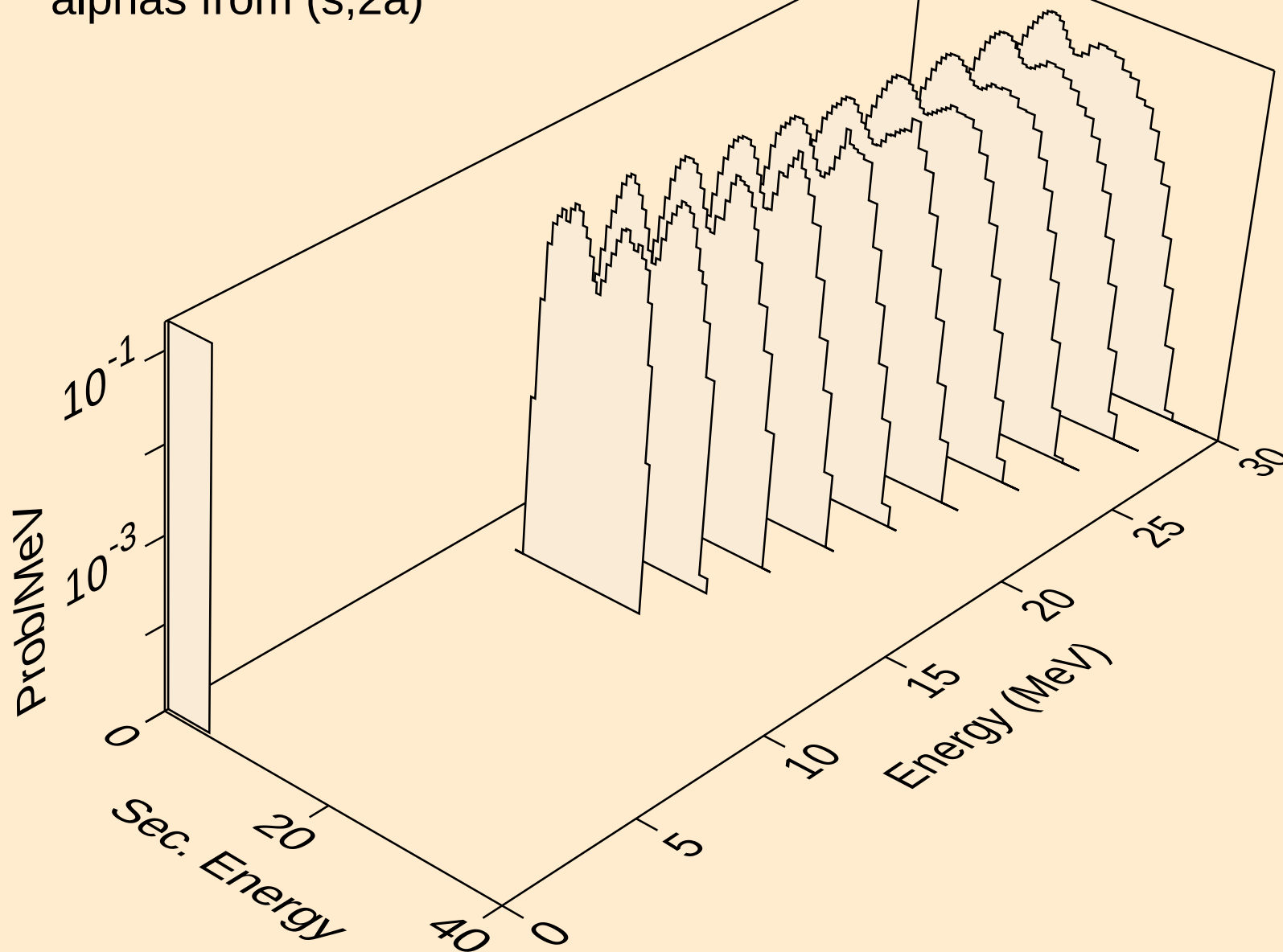


YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

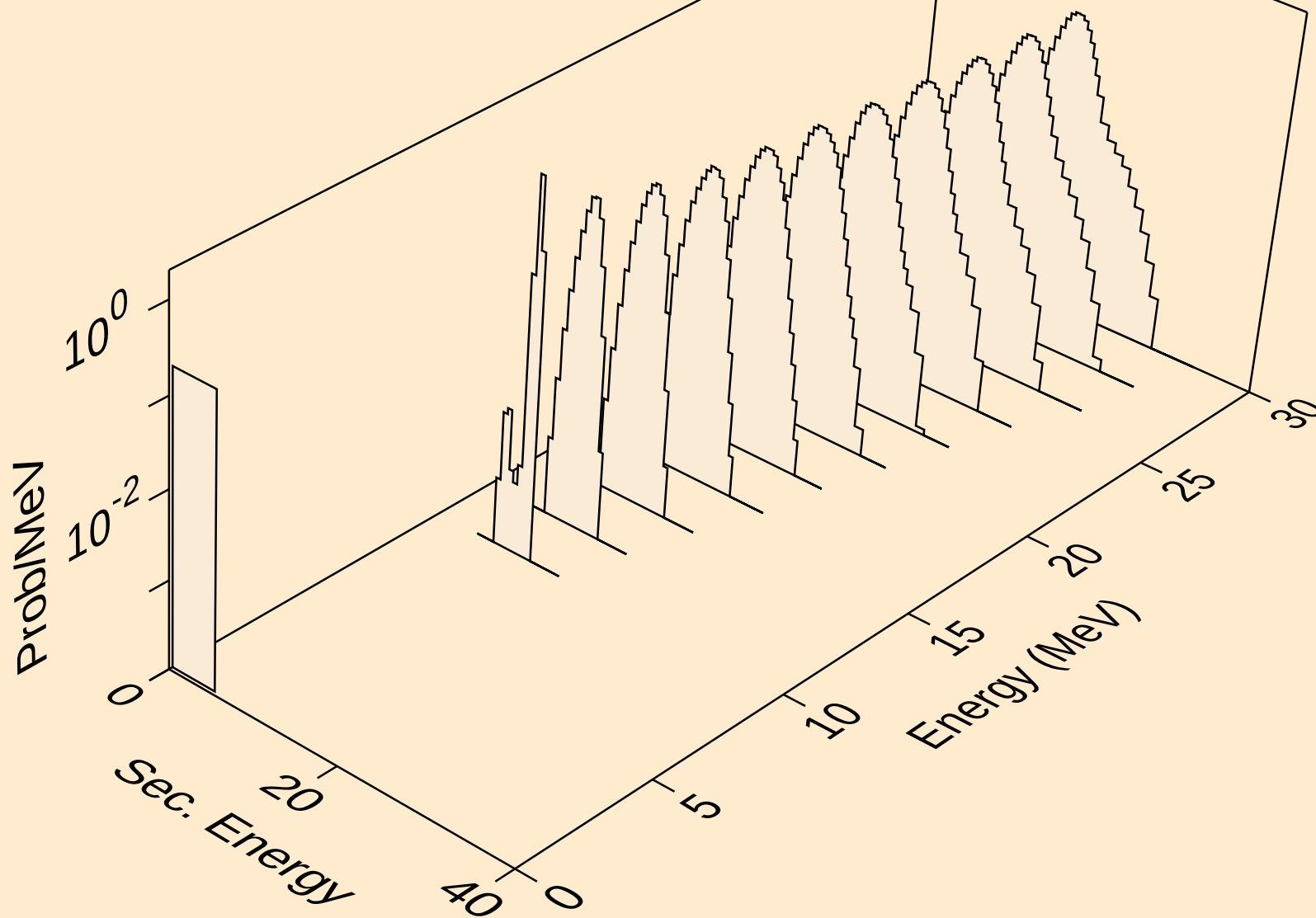




YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



YB174 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

