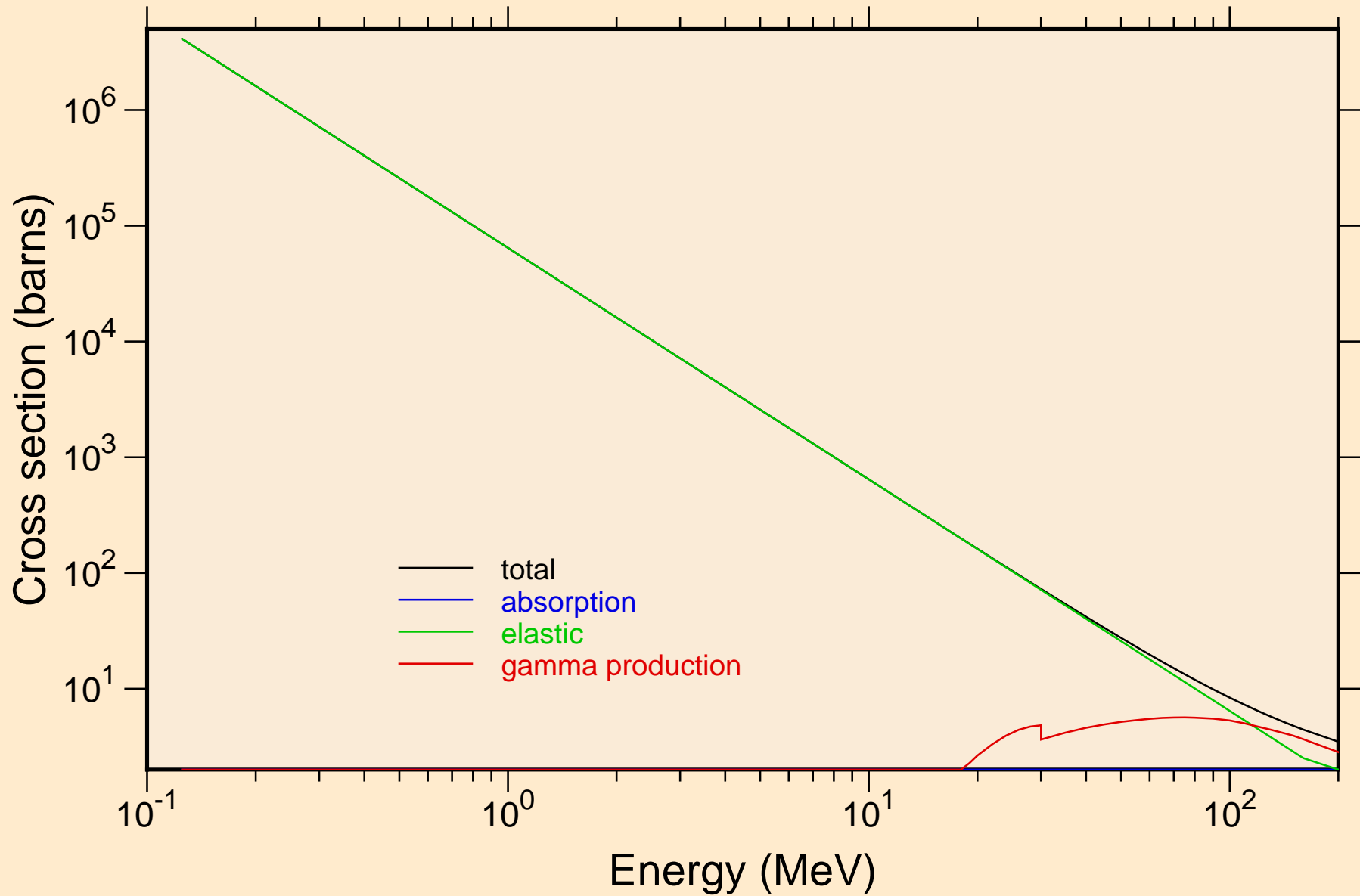


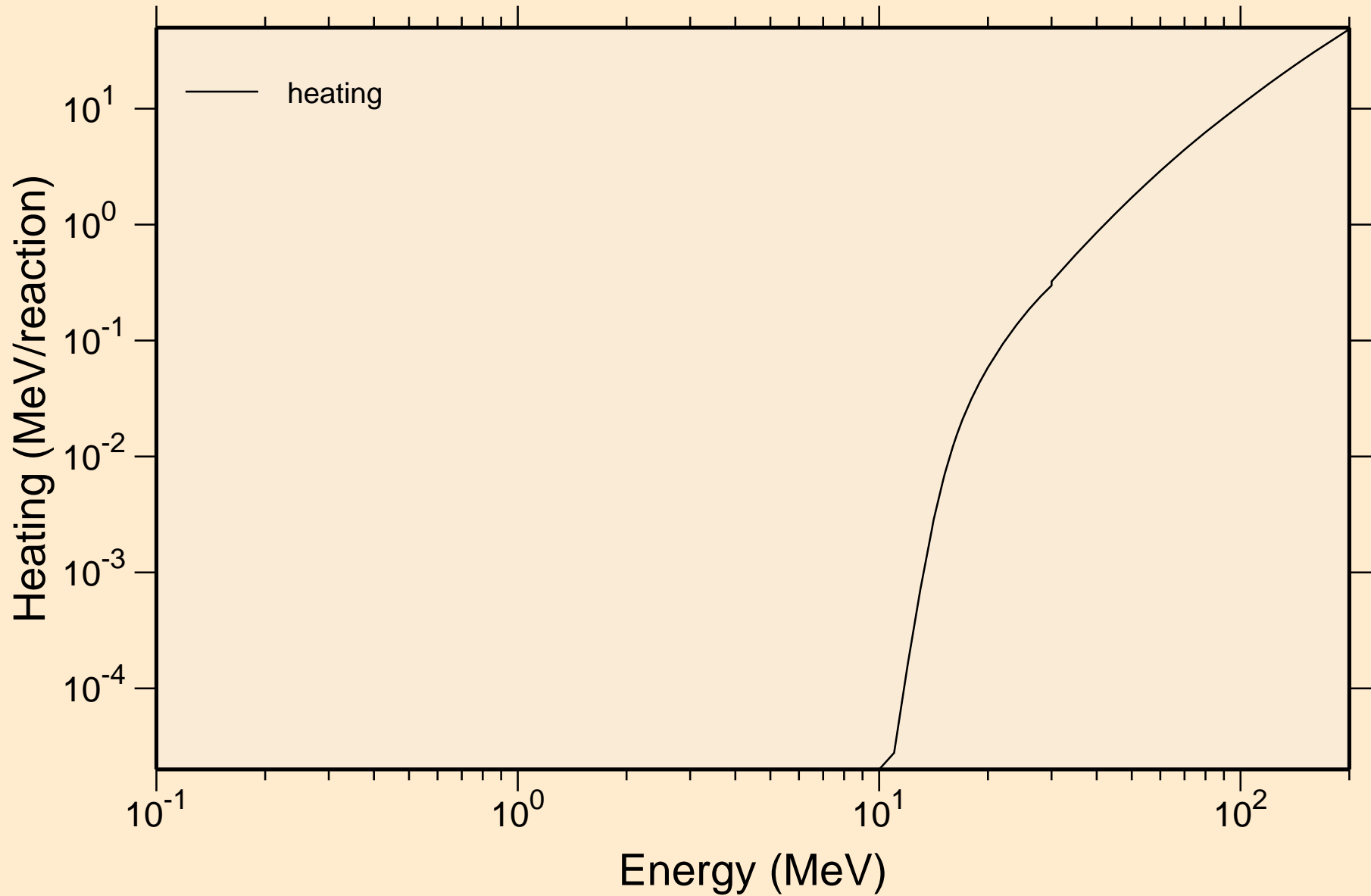
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



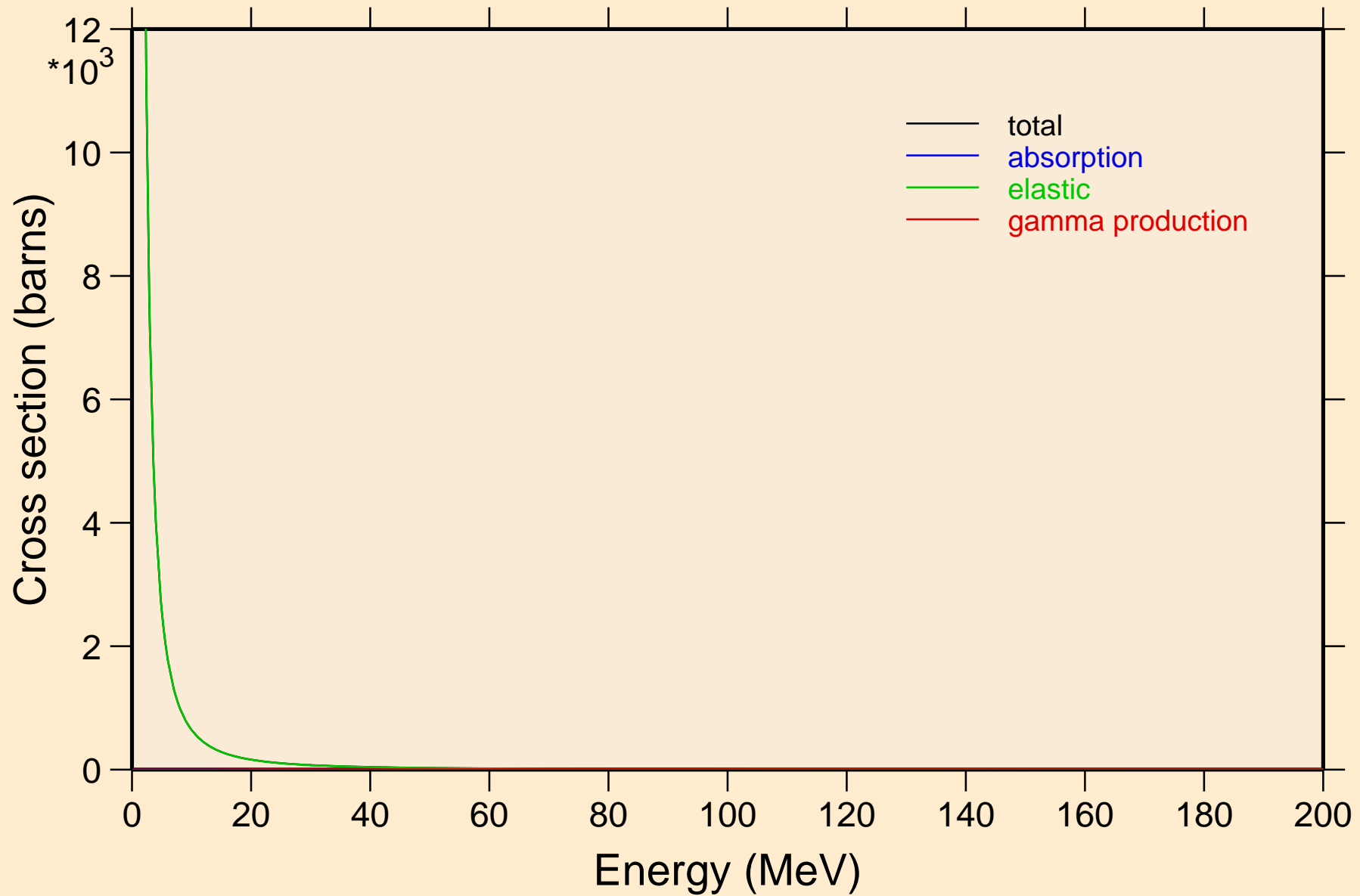
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



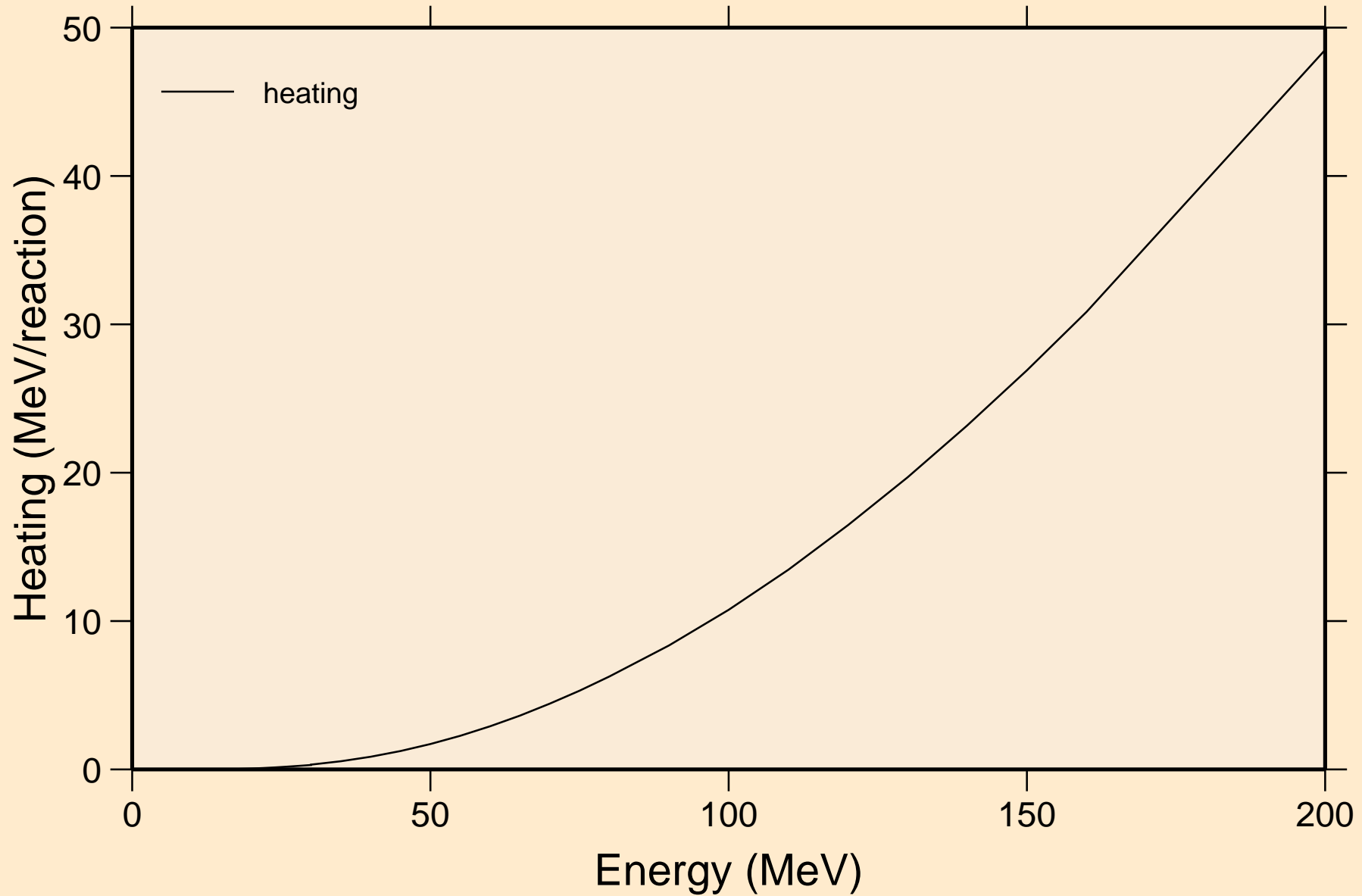
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



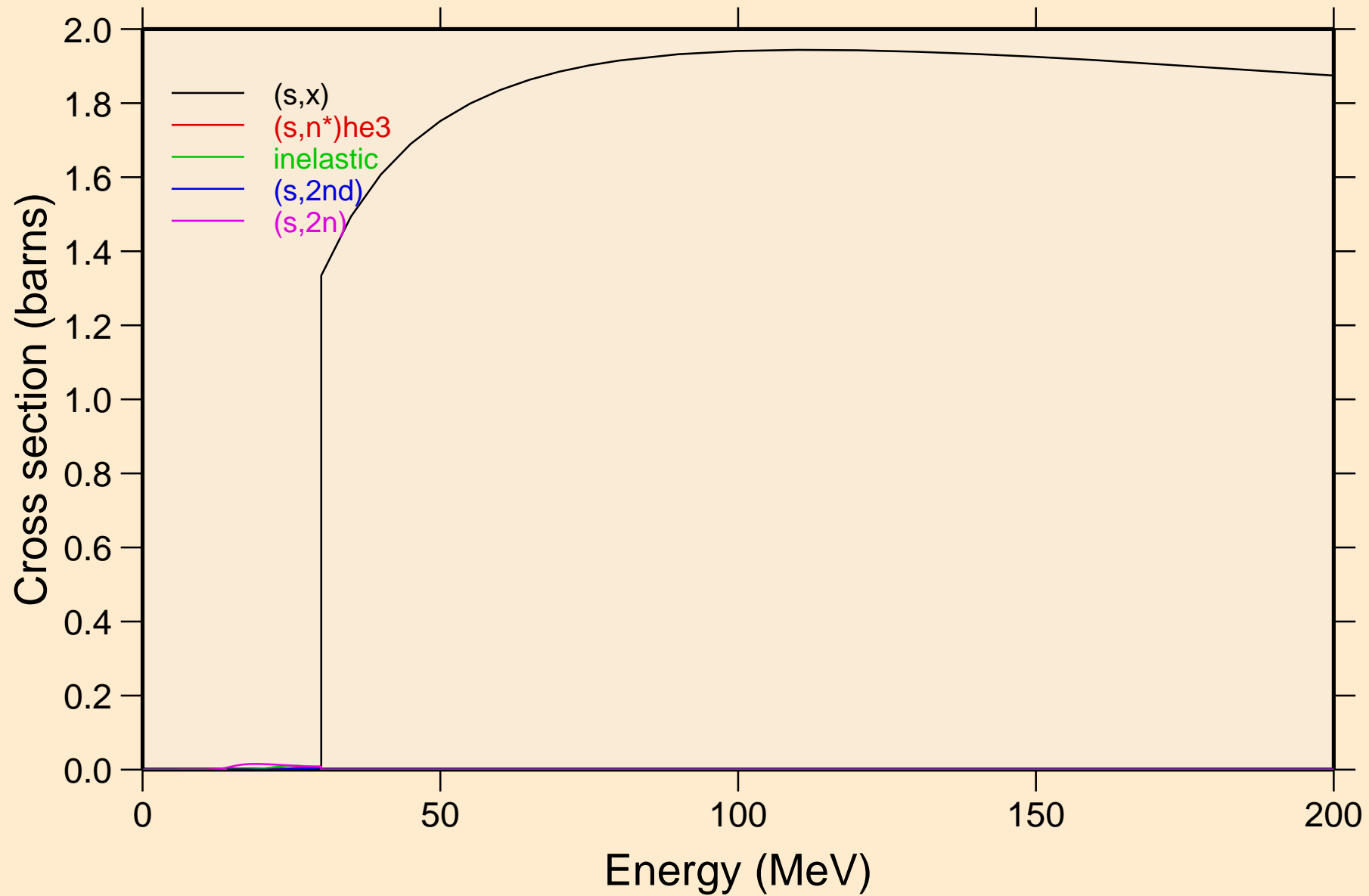
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



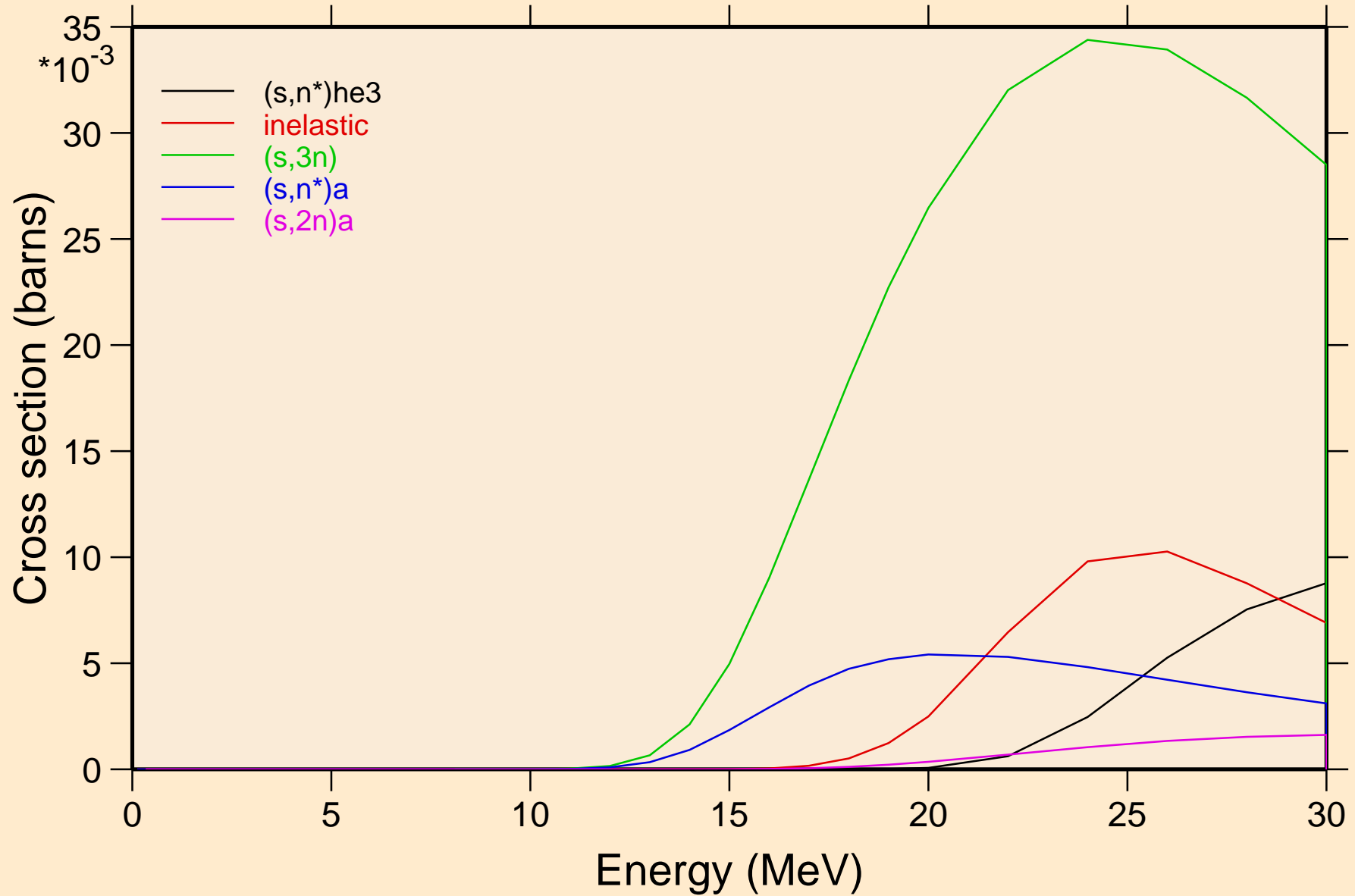
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



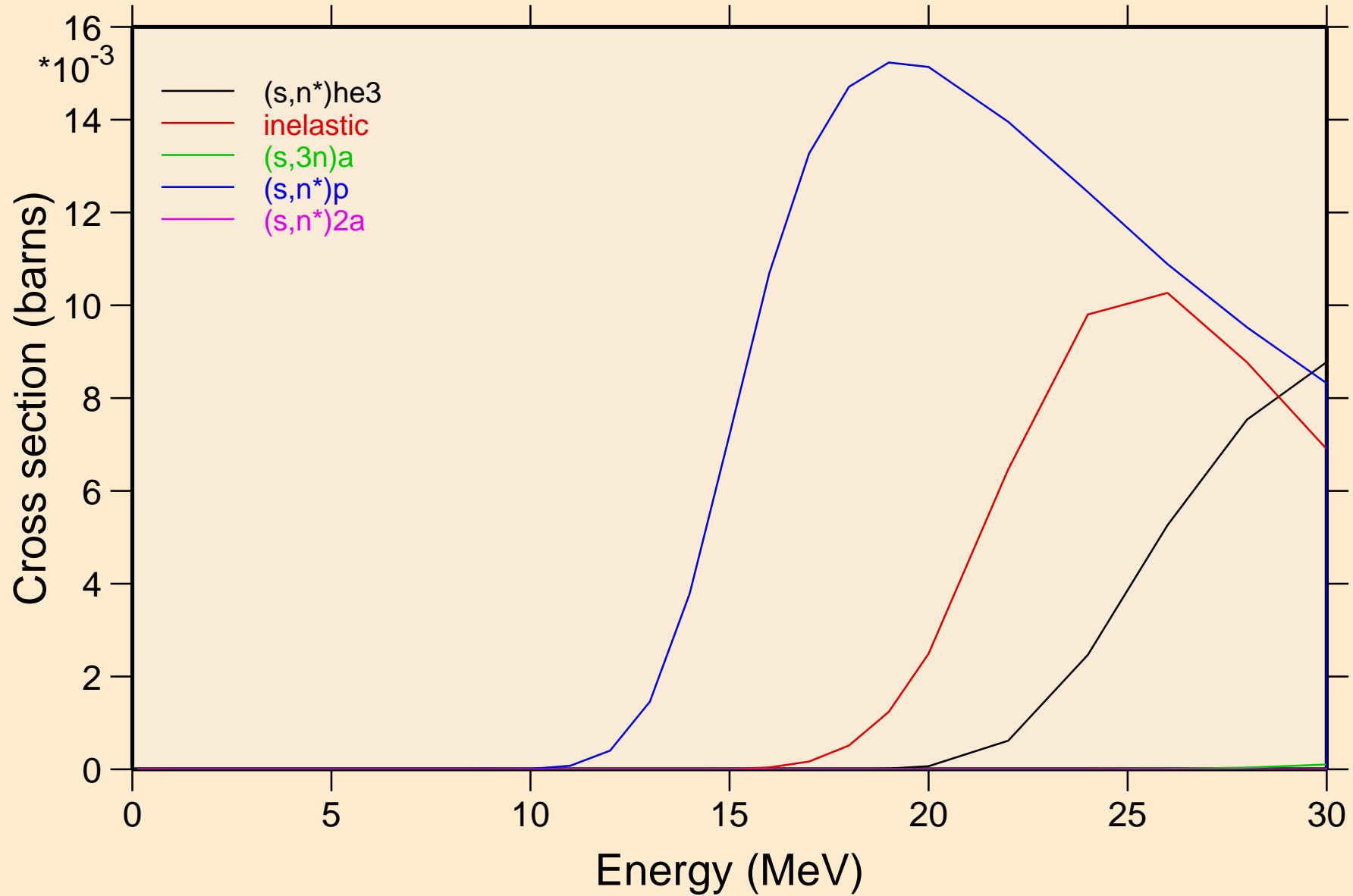
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



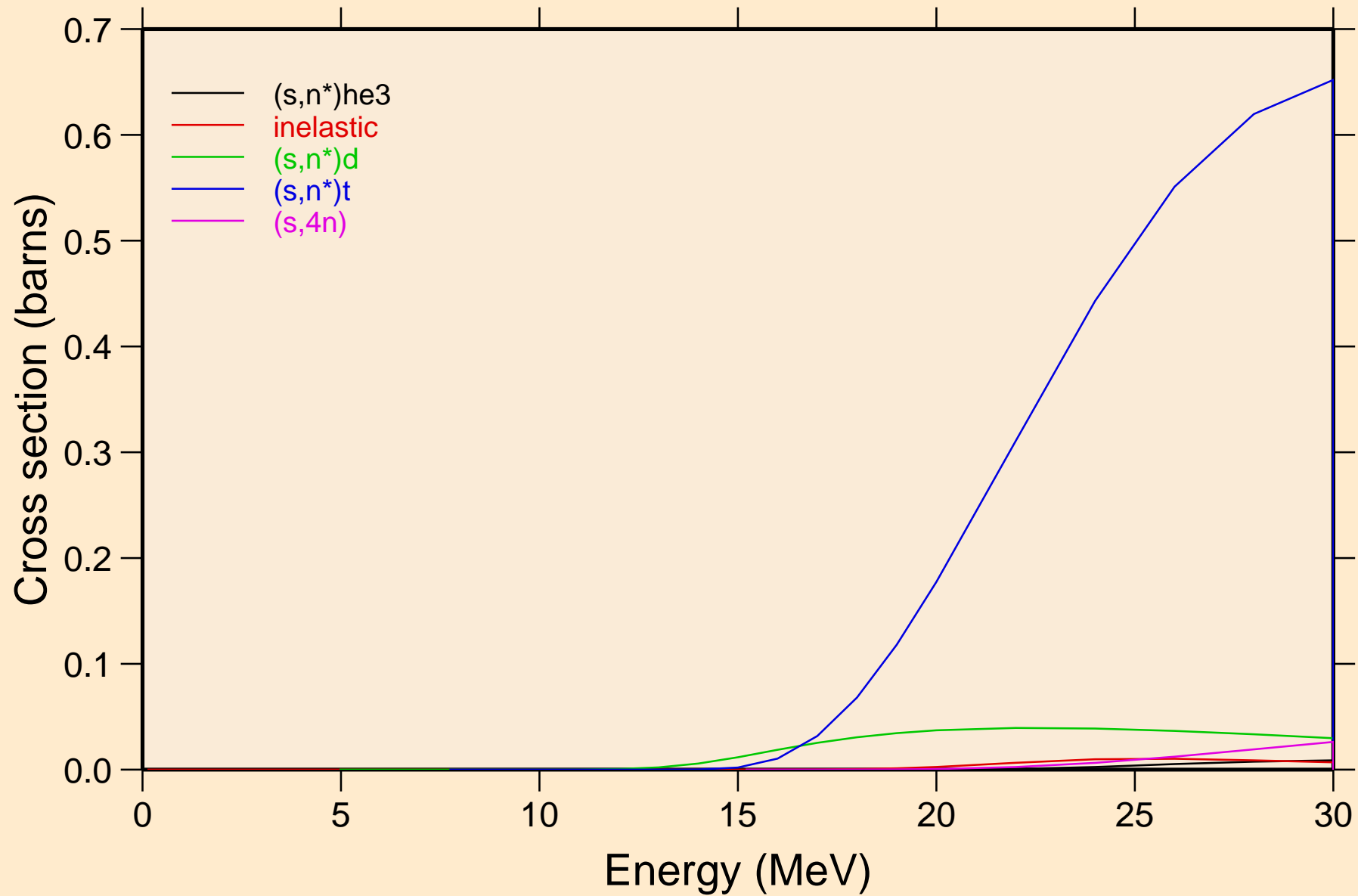
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

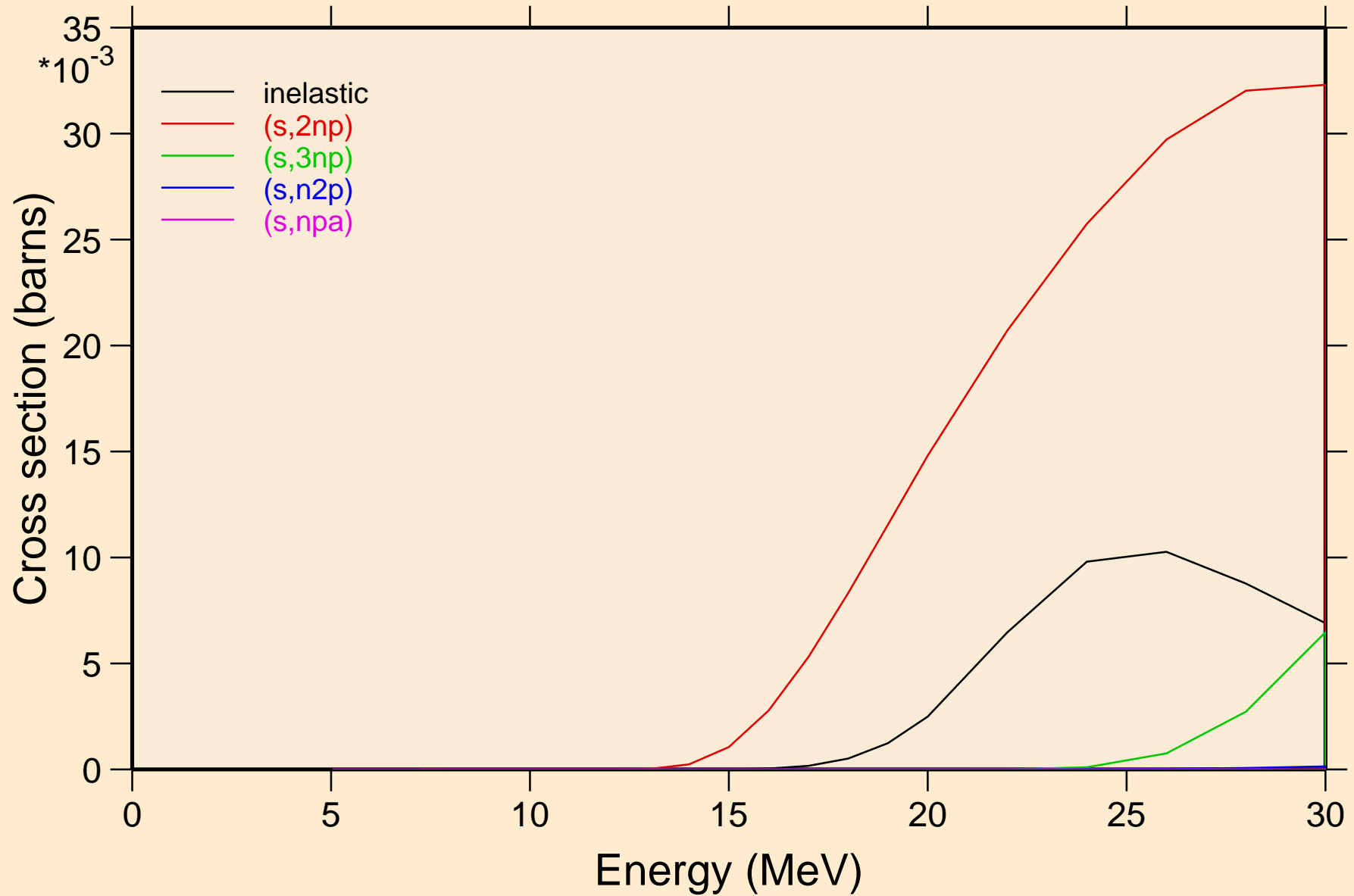
## Threshold reactions





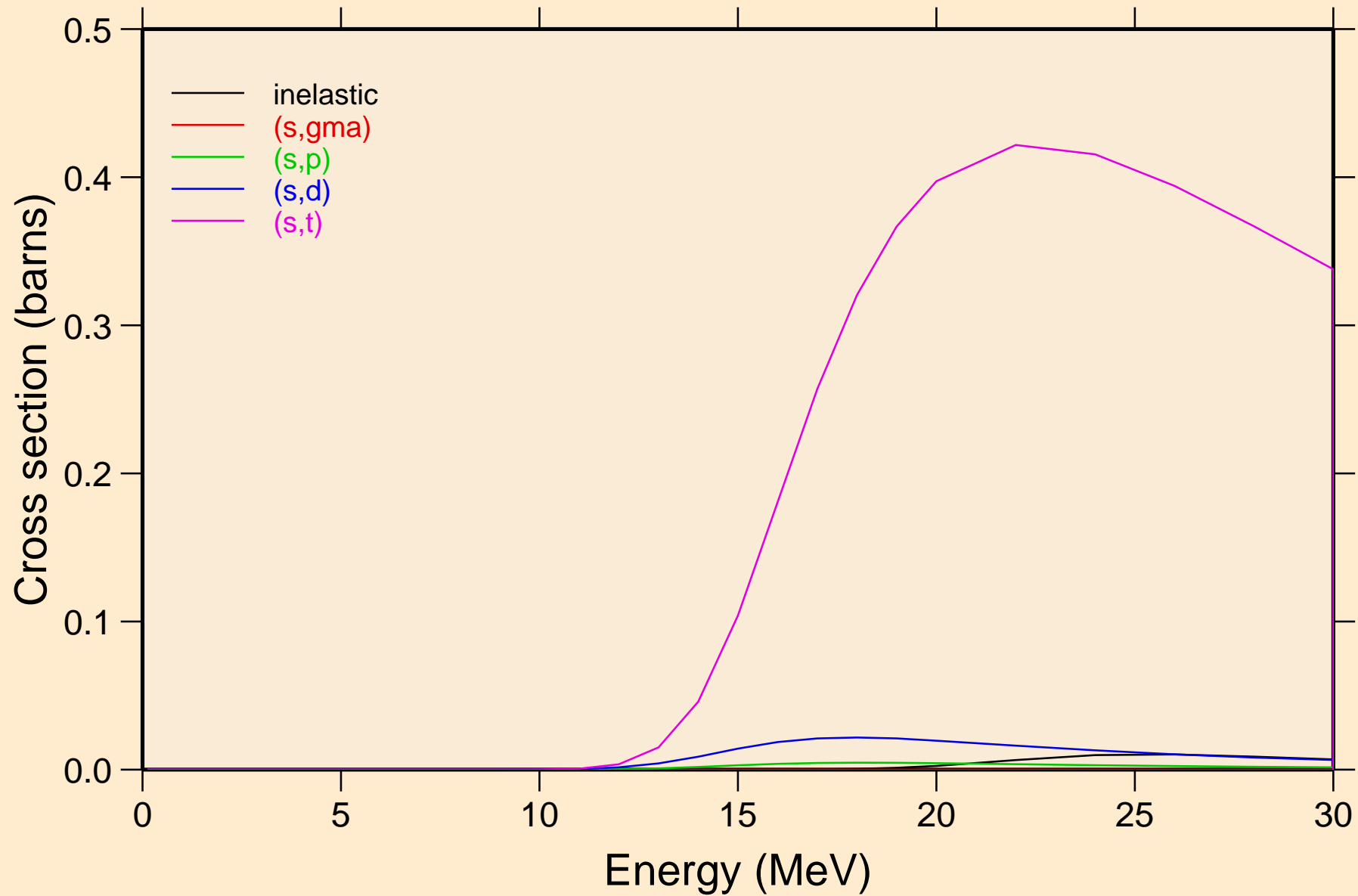
# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

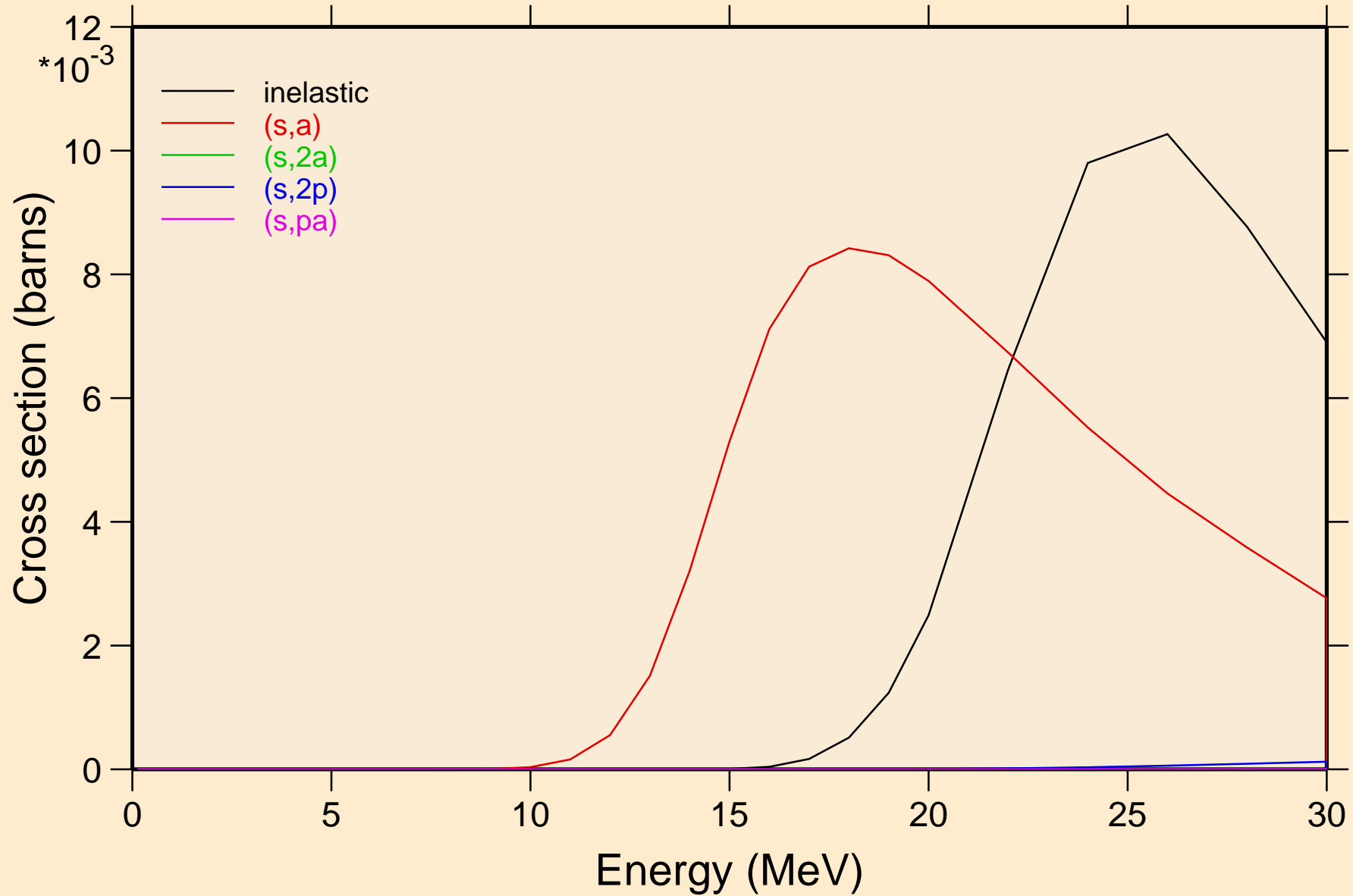


# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

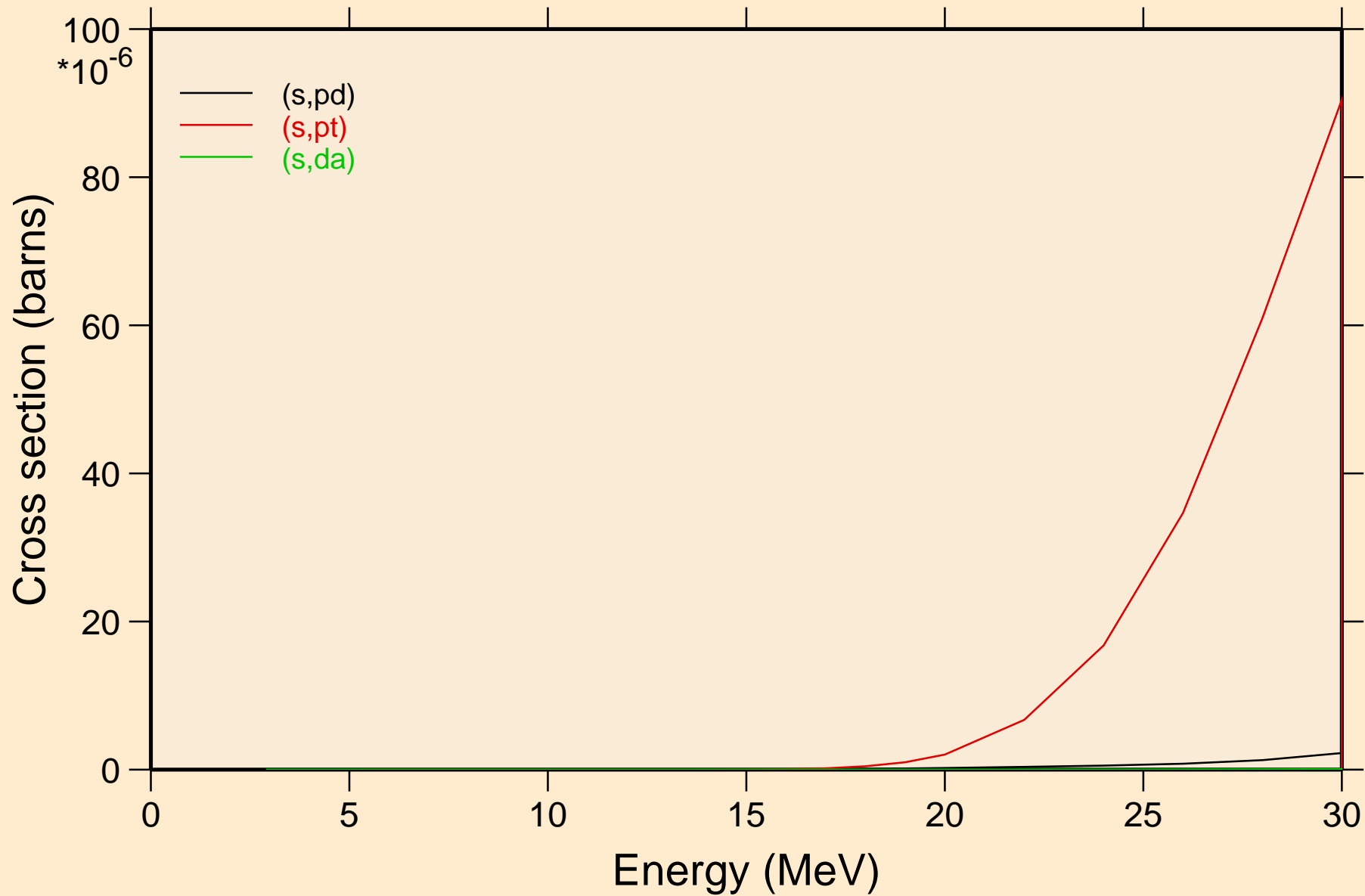


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

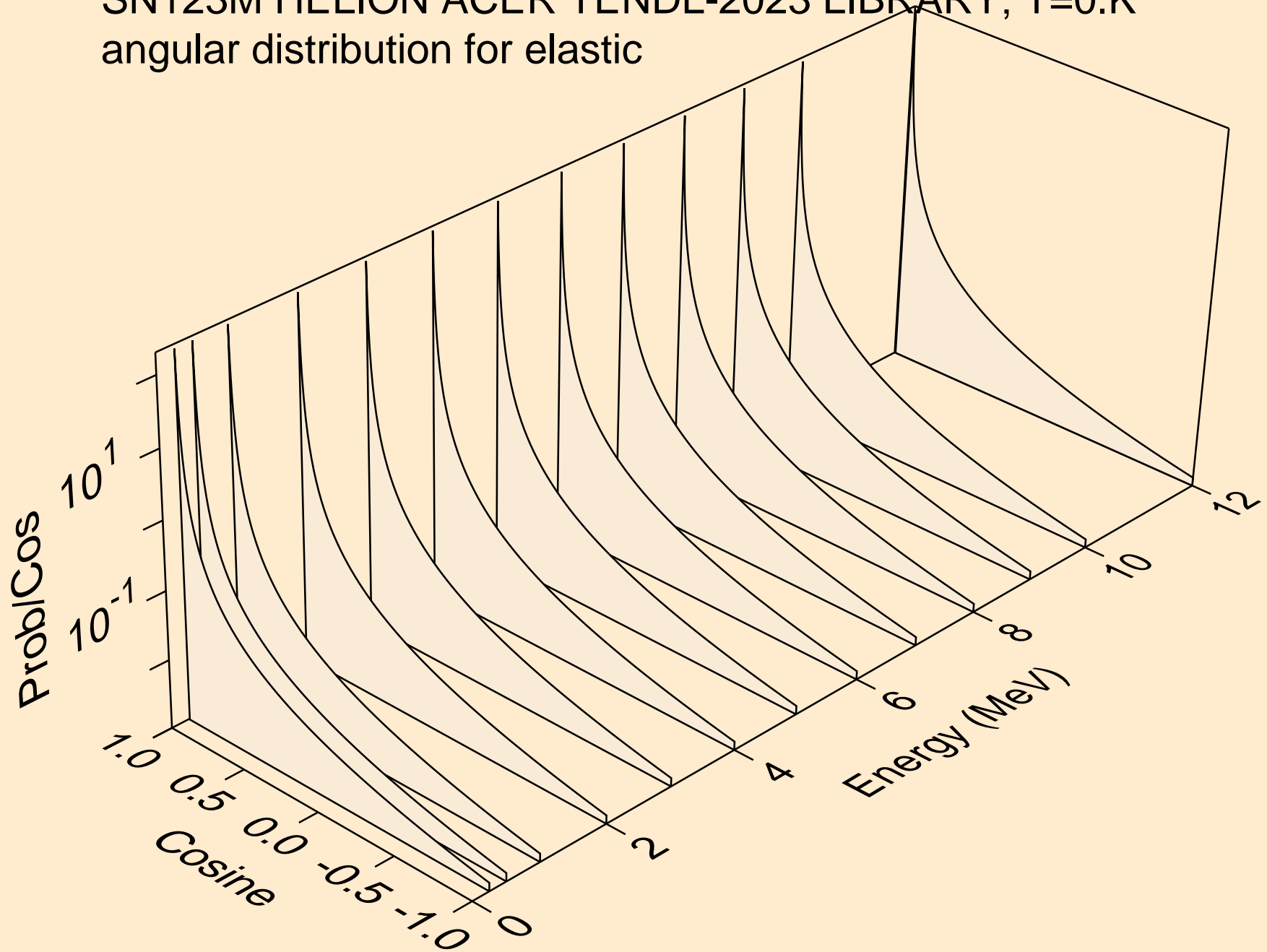


# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

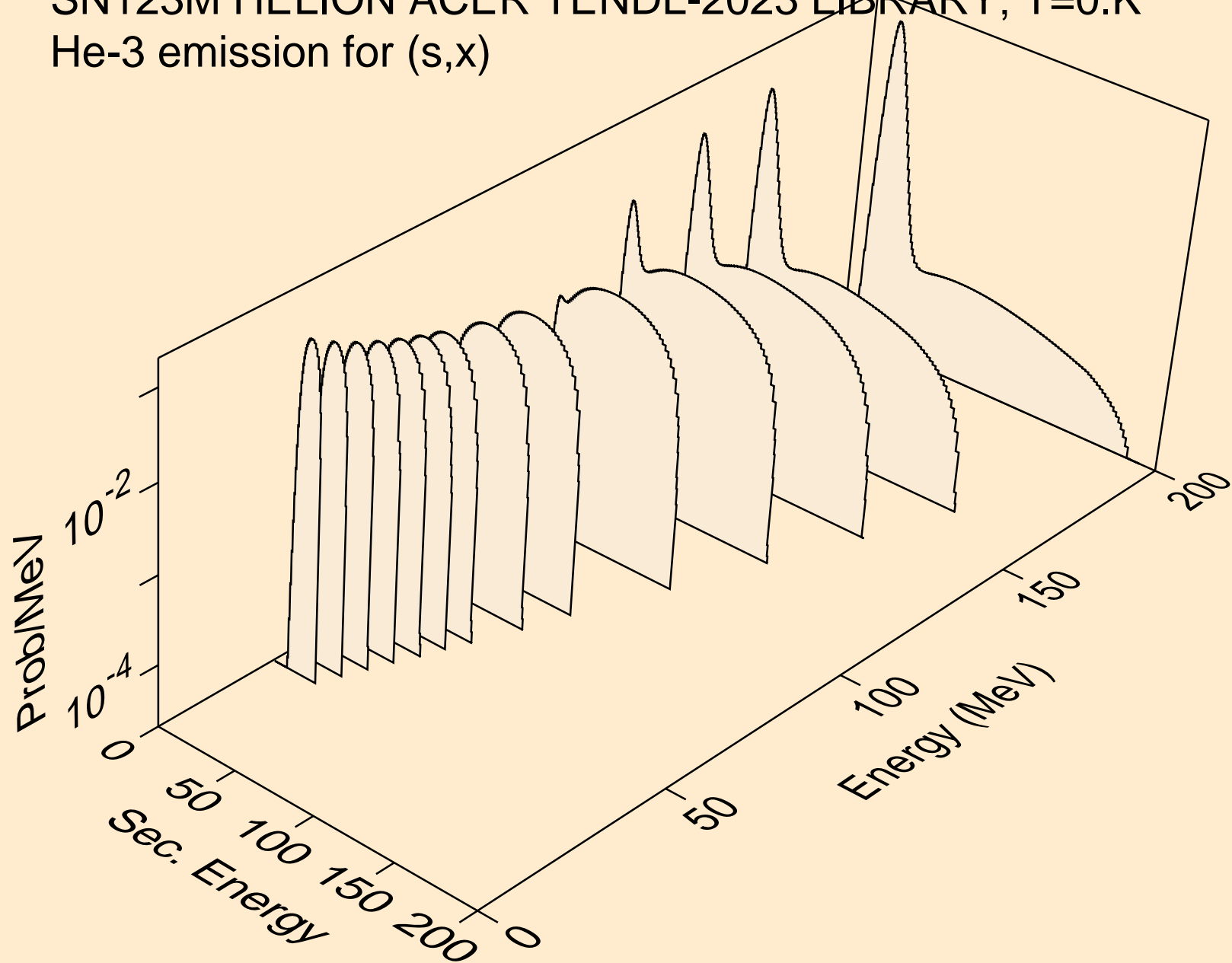
## Threshold reactions



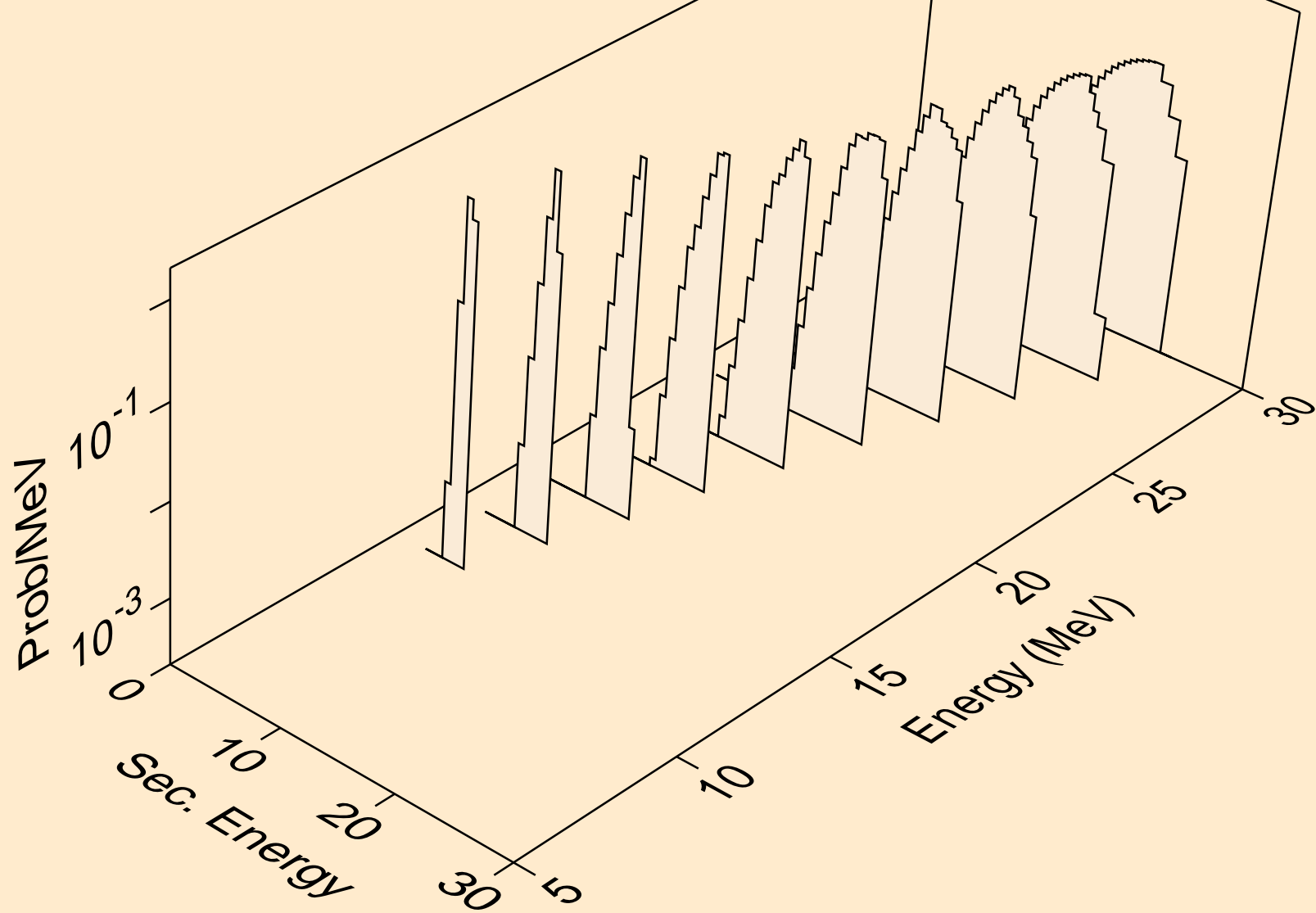
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



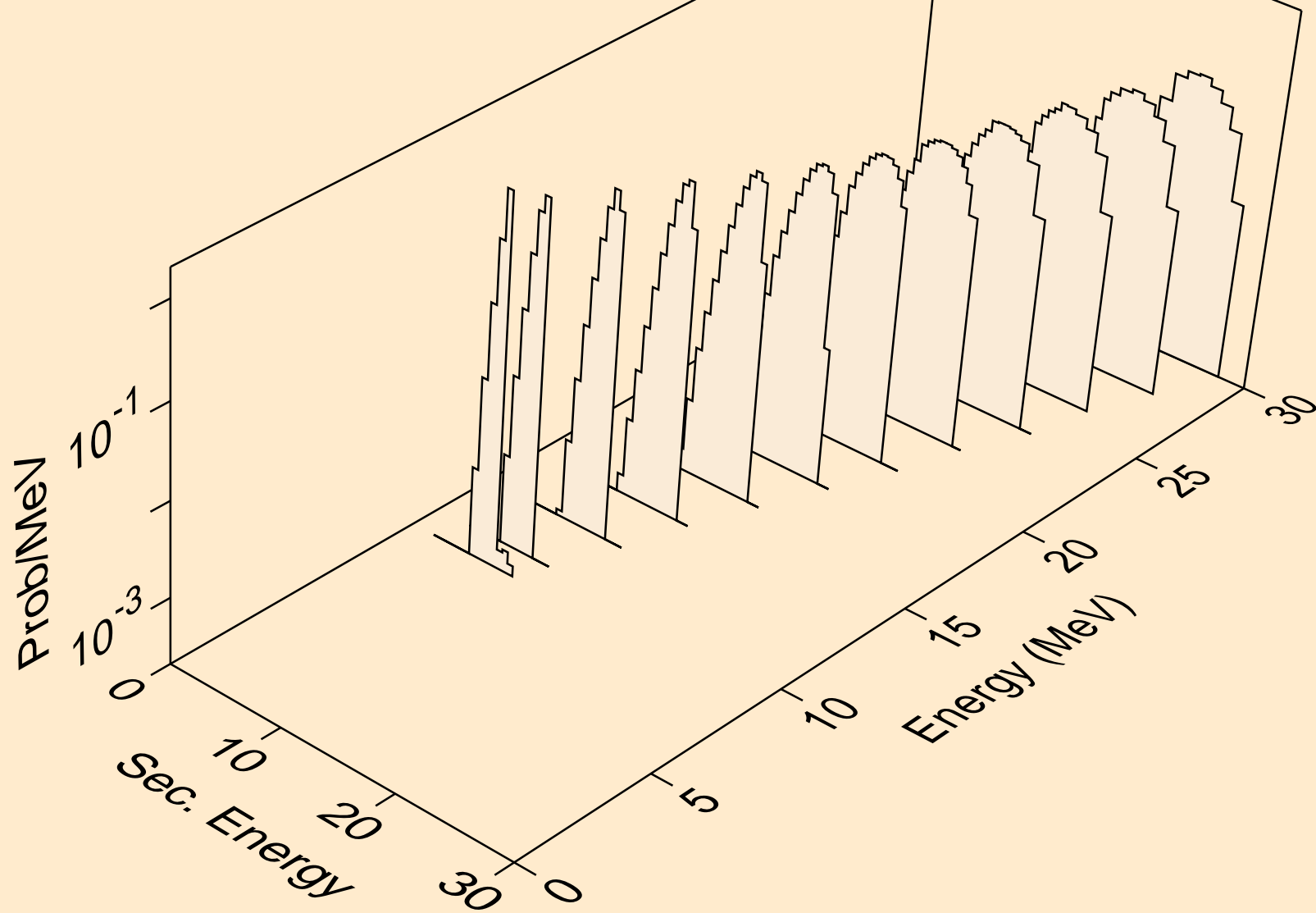
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

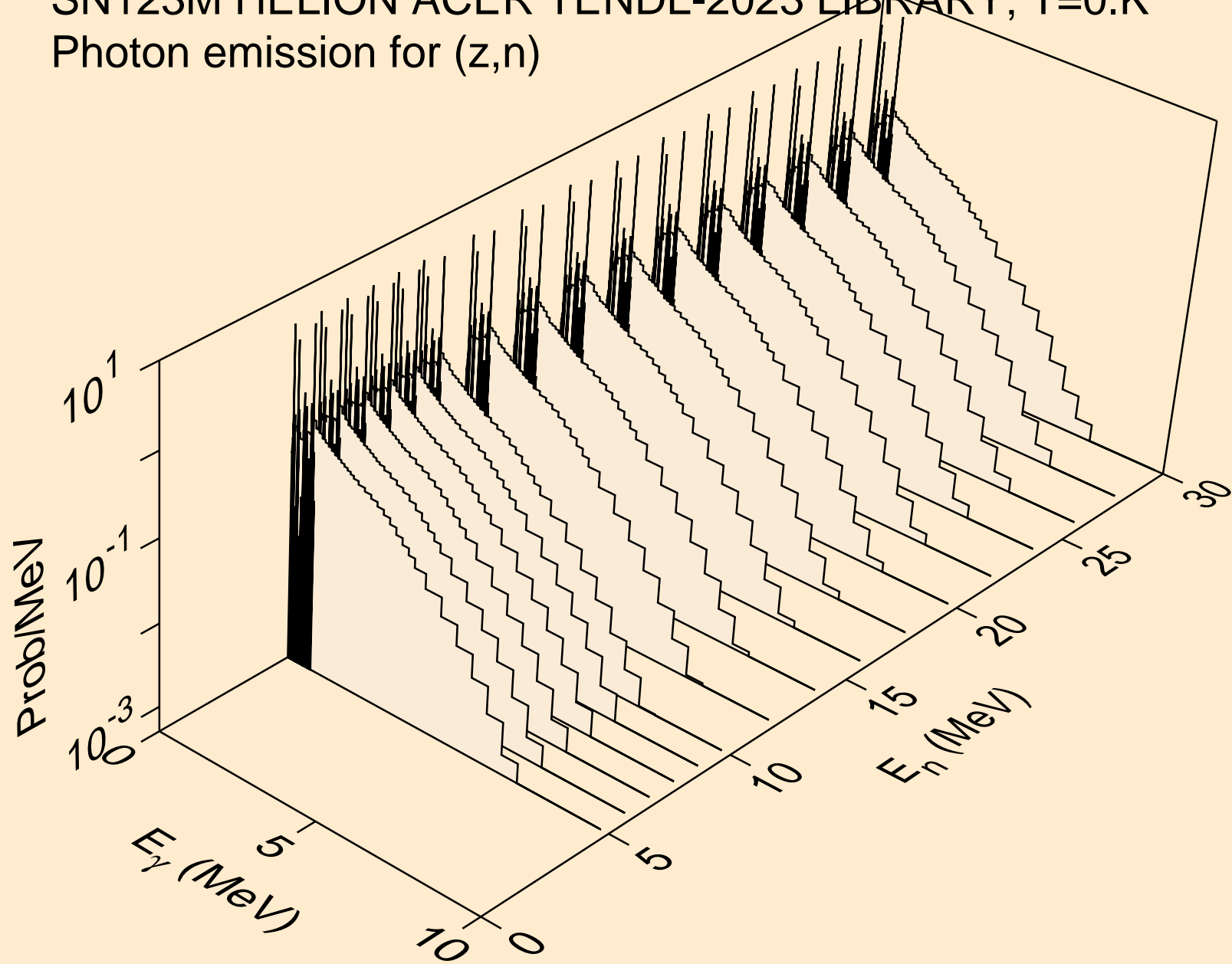


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

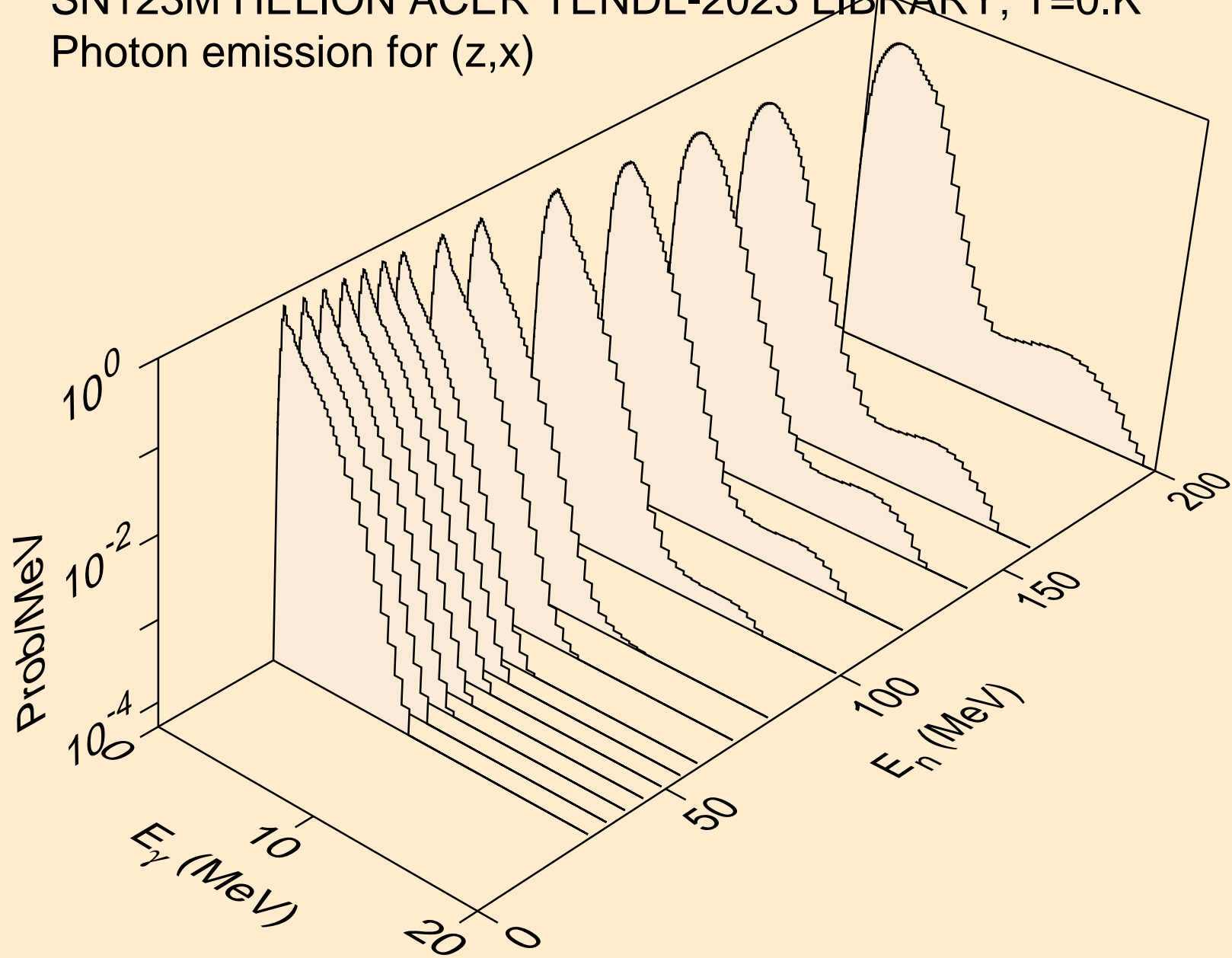




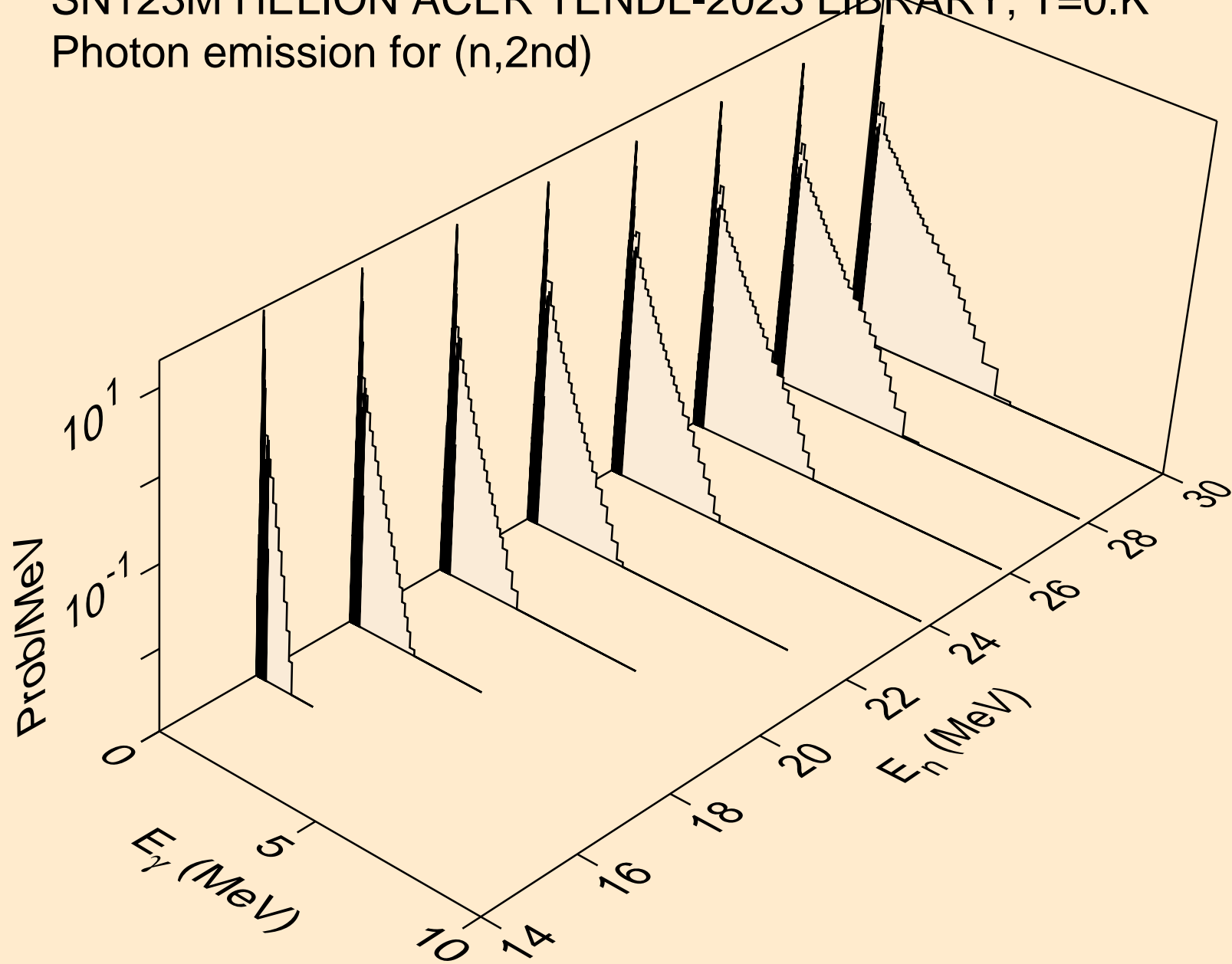
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



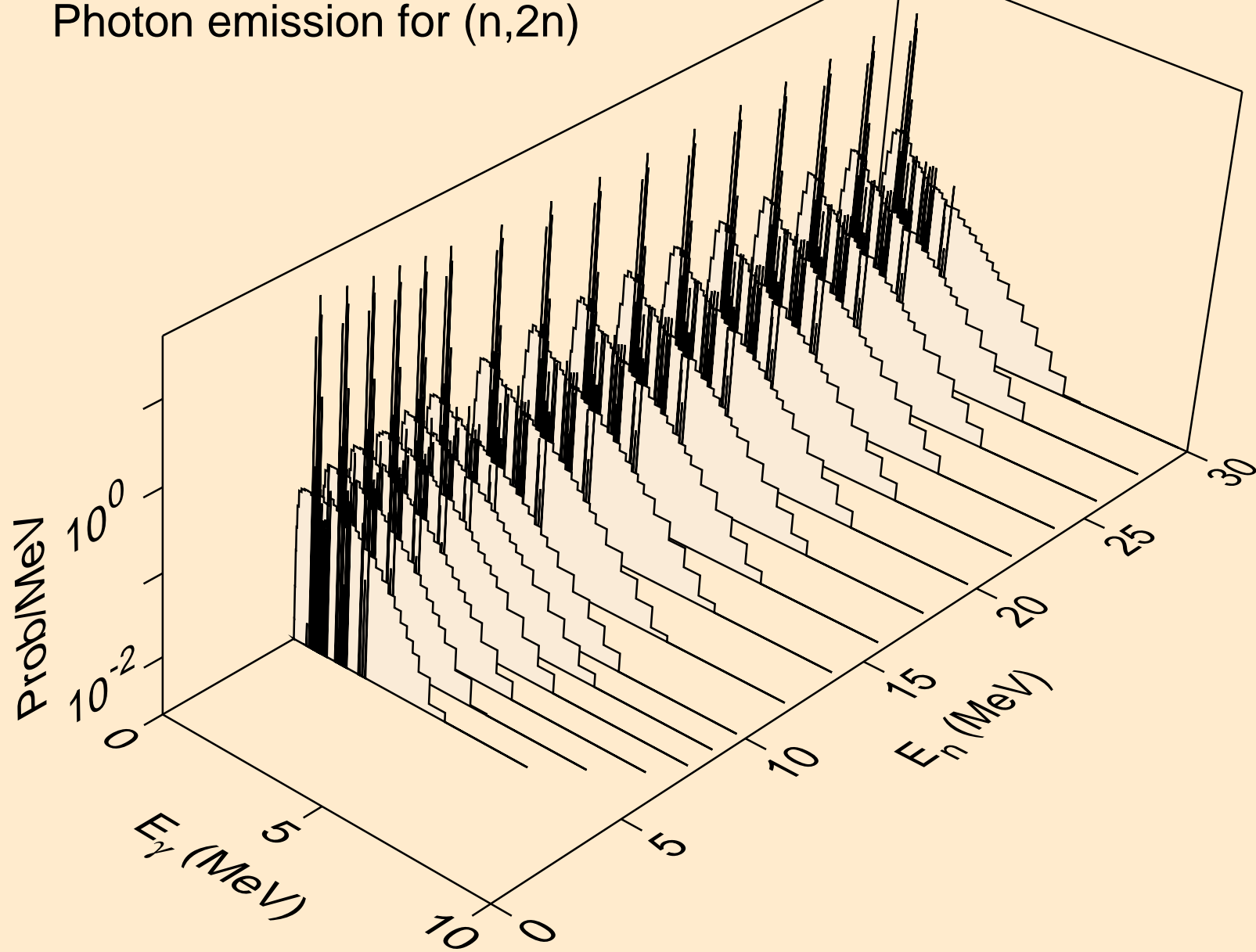
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



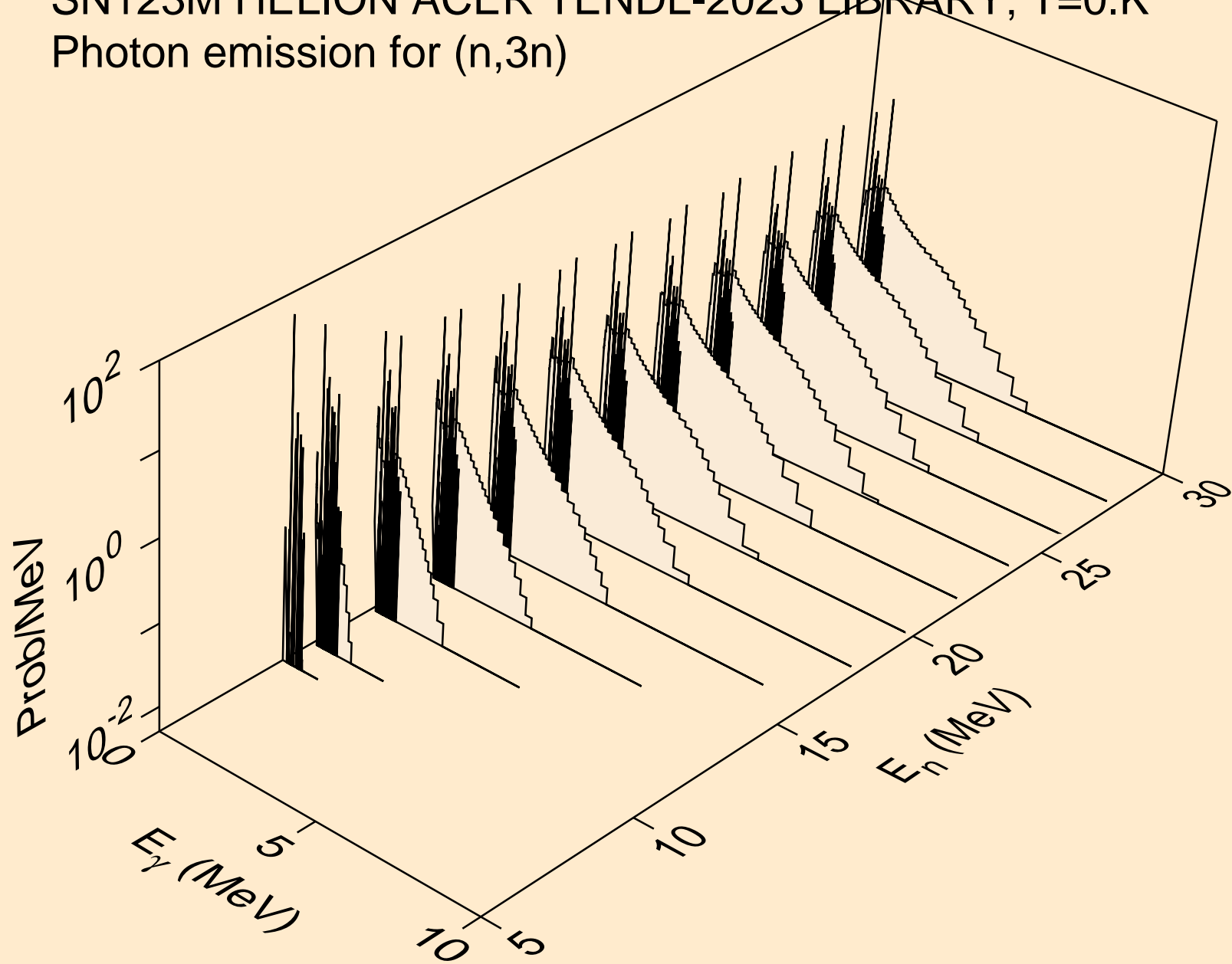
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



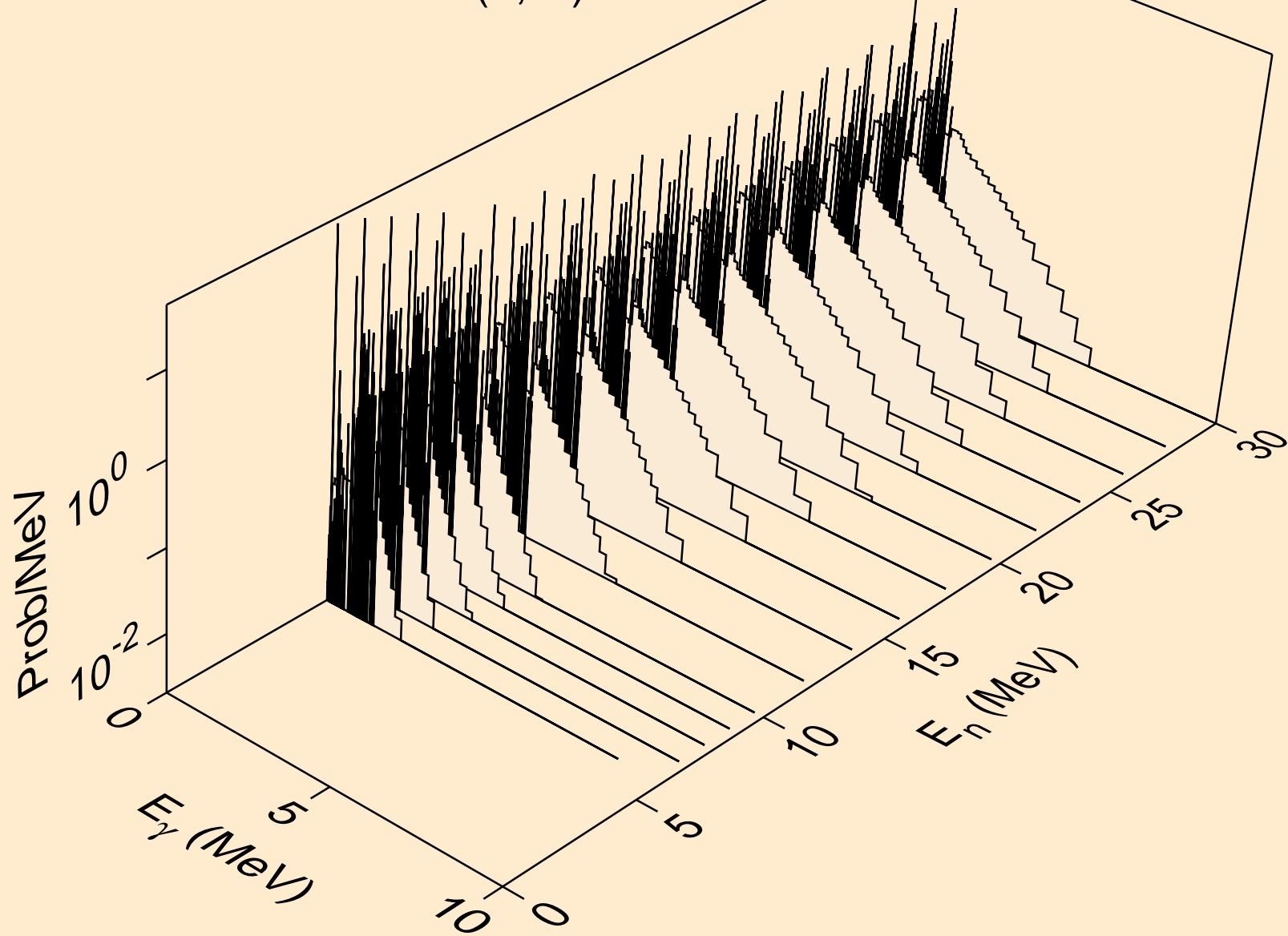
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



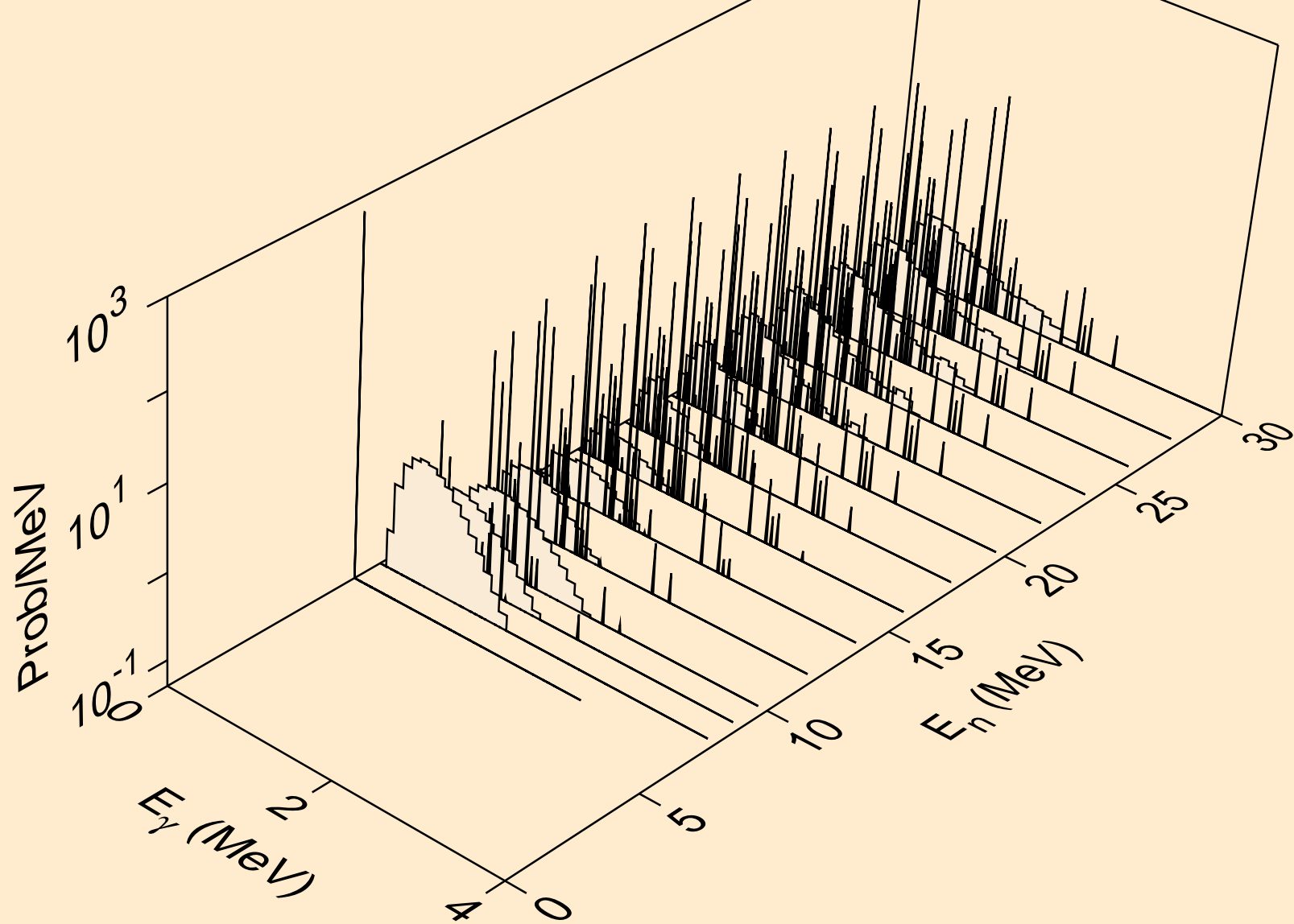
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



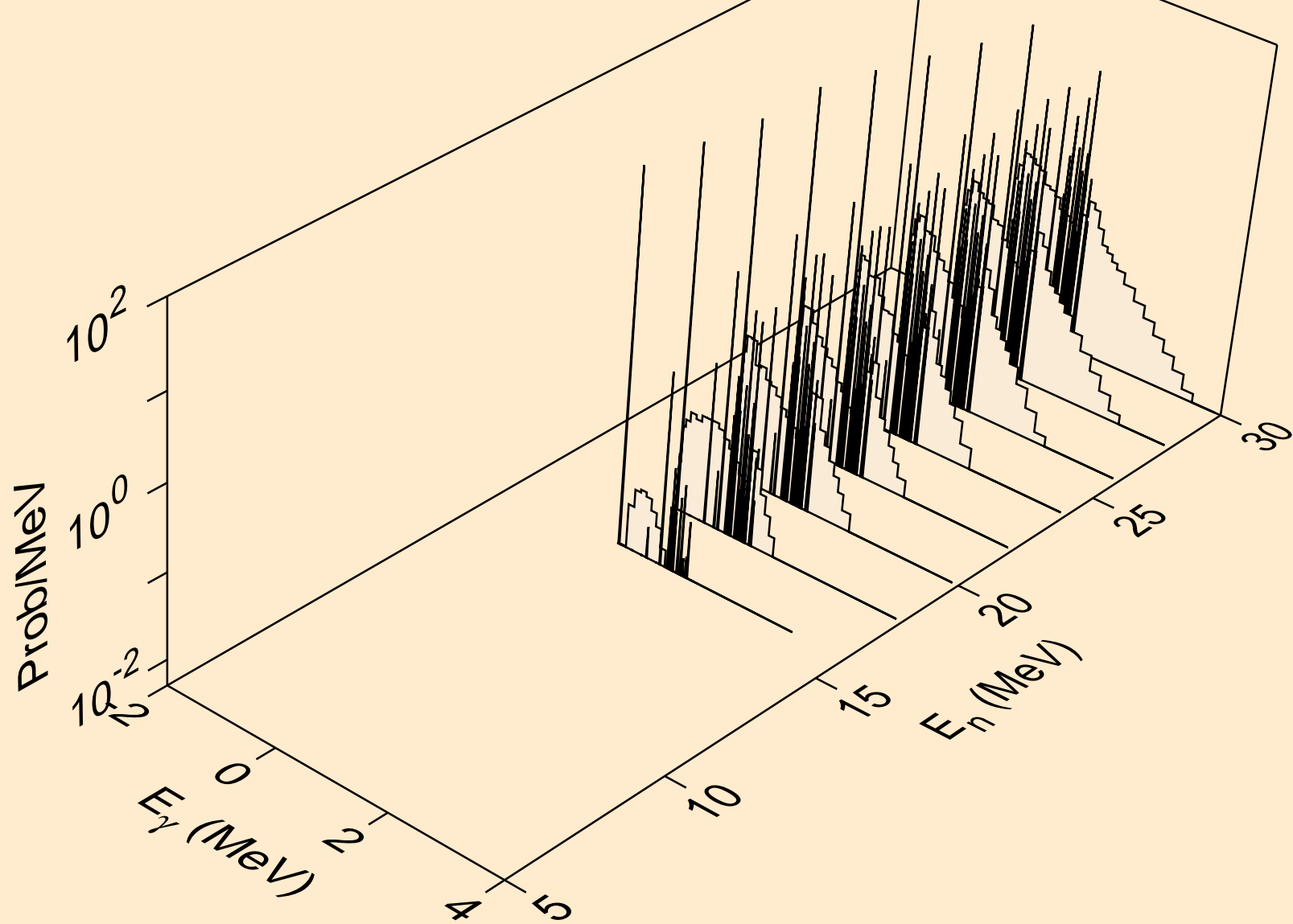
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

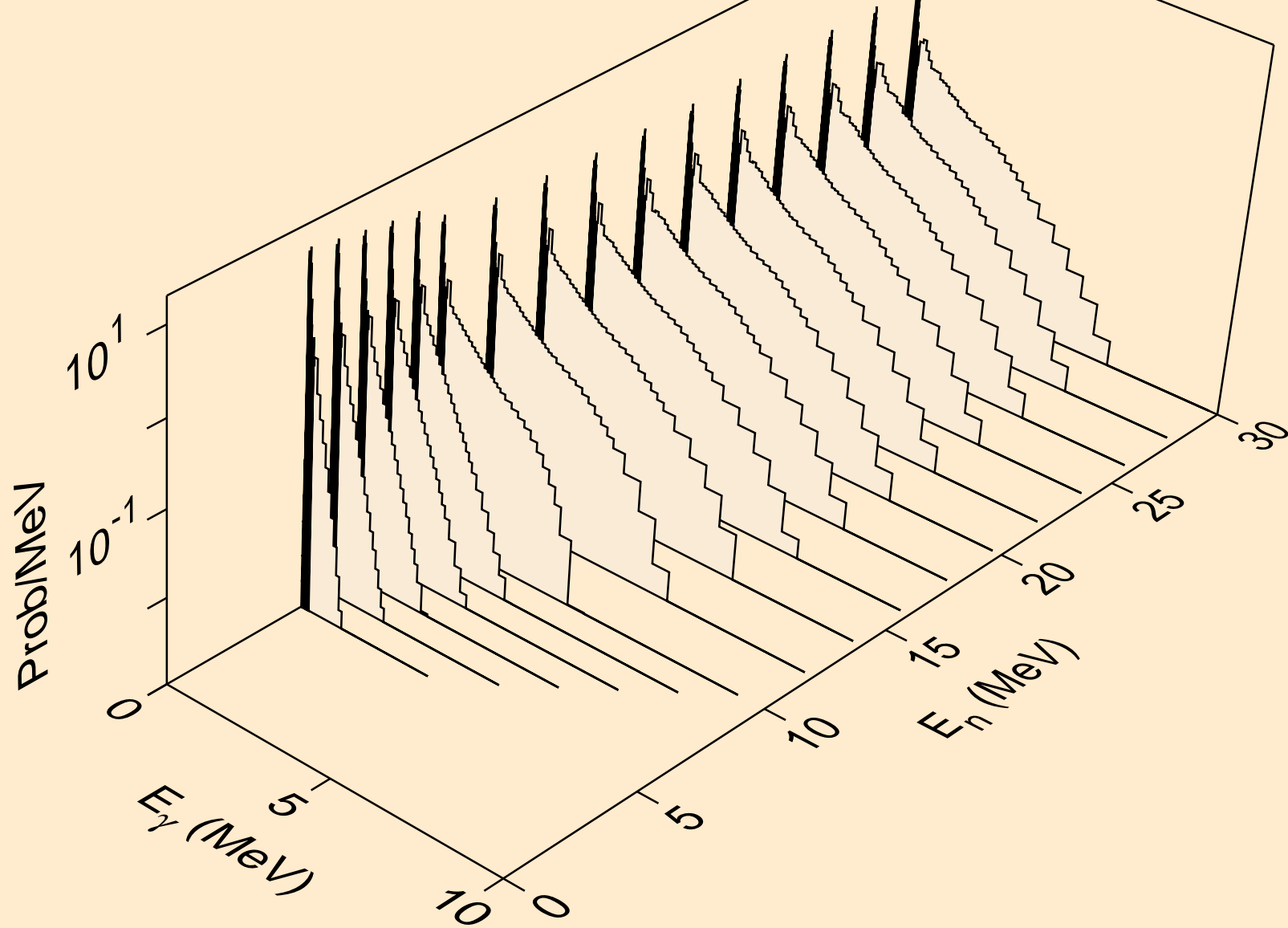


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

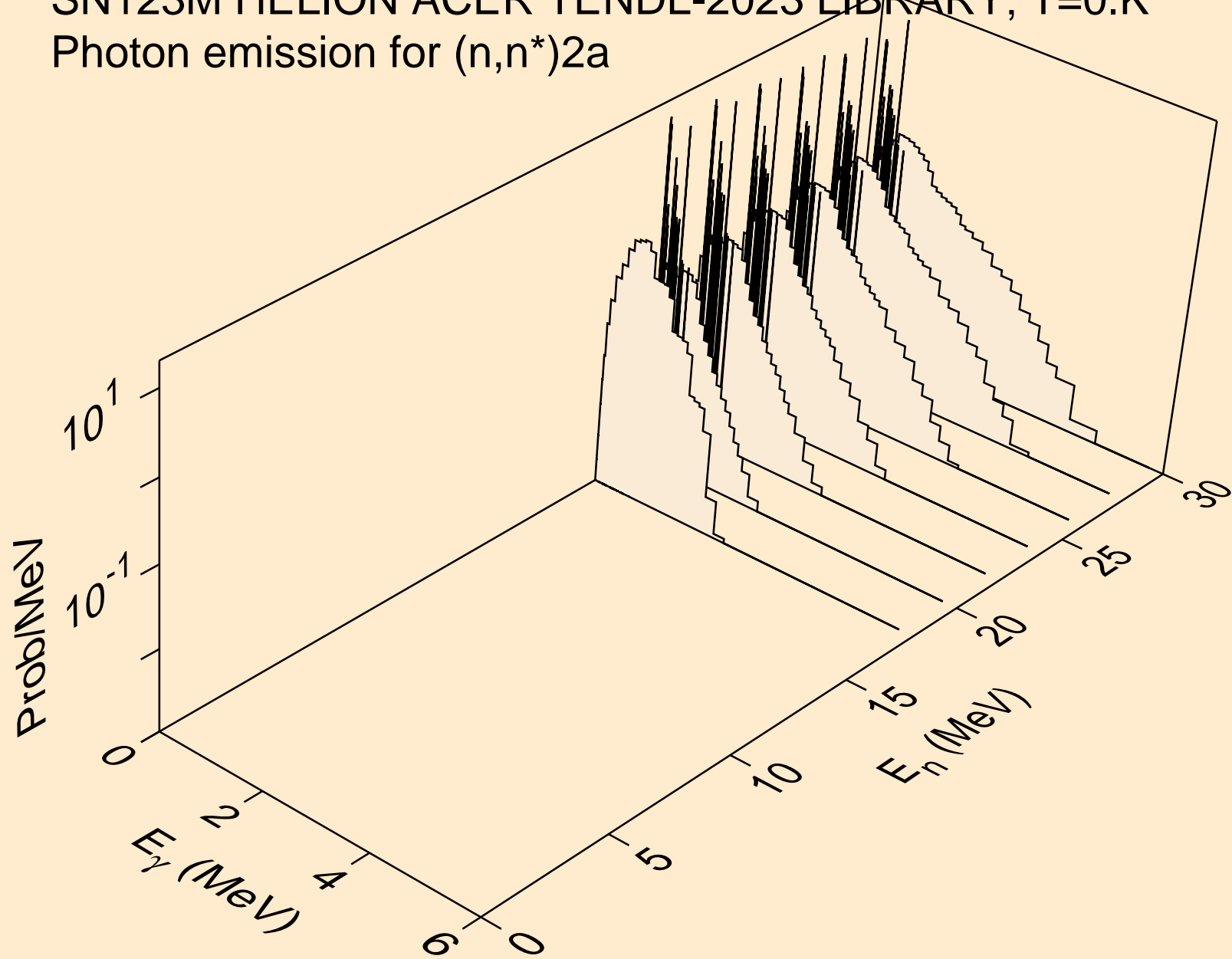




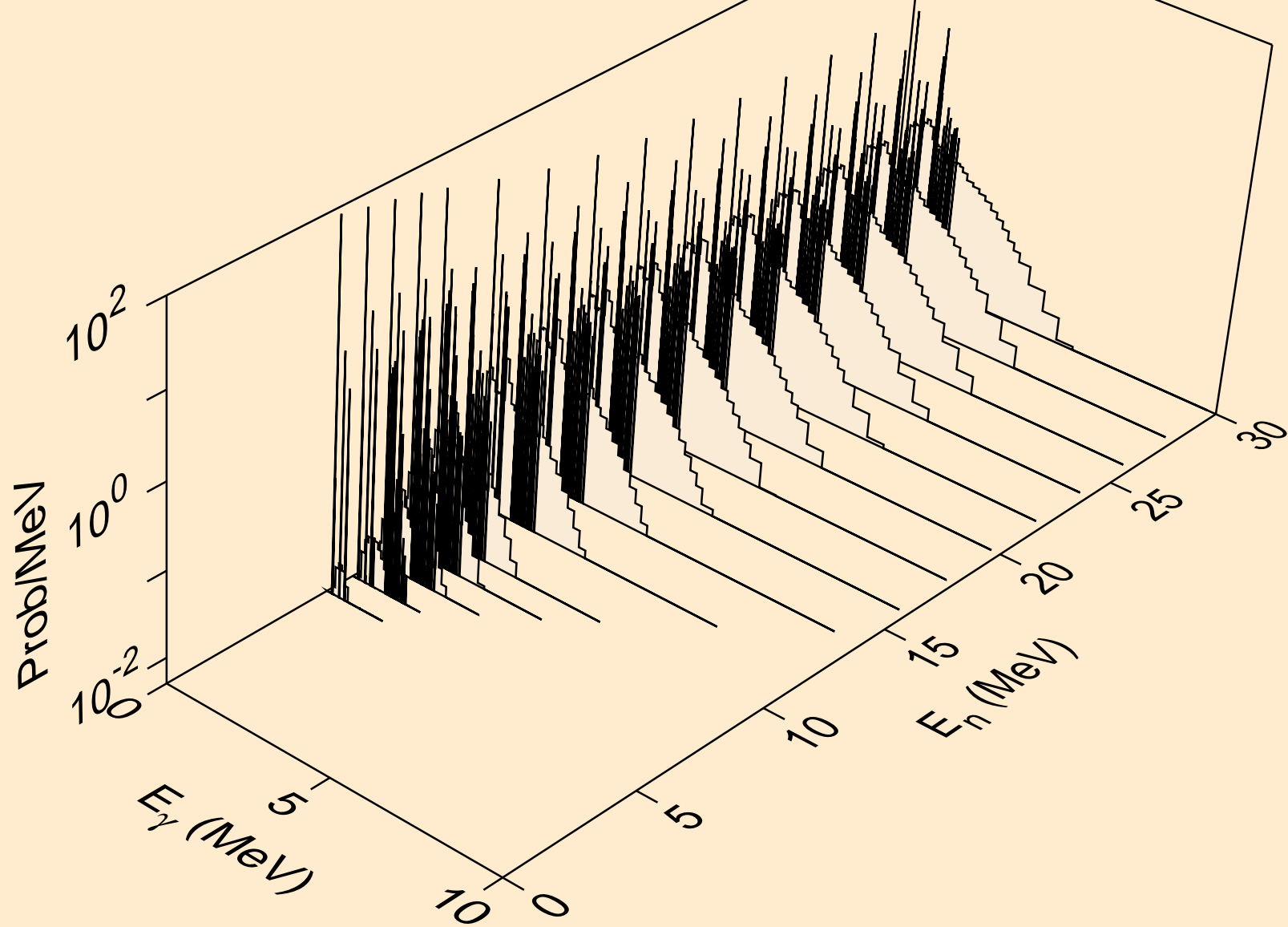
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



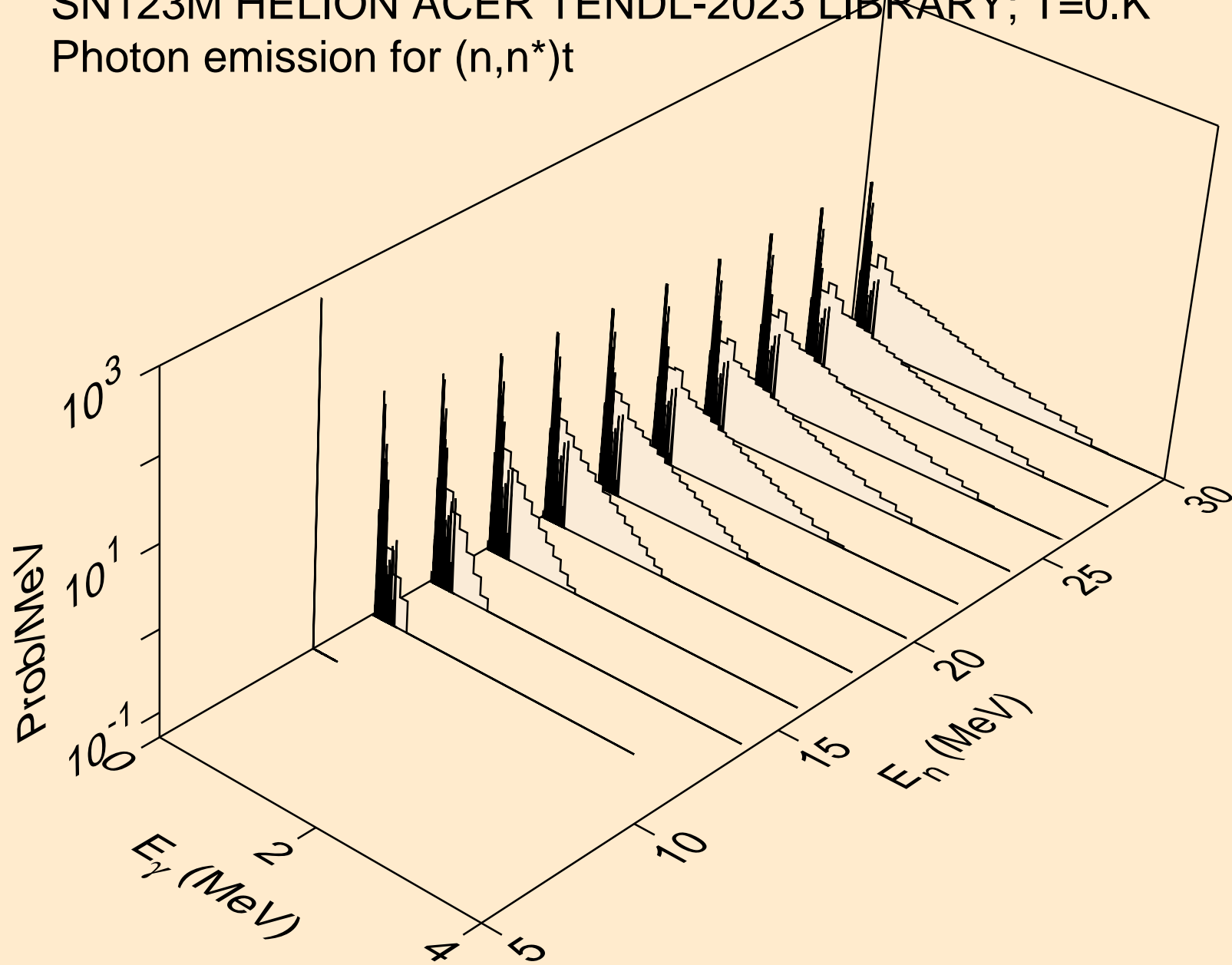
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



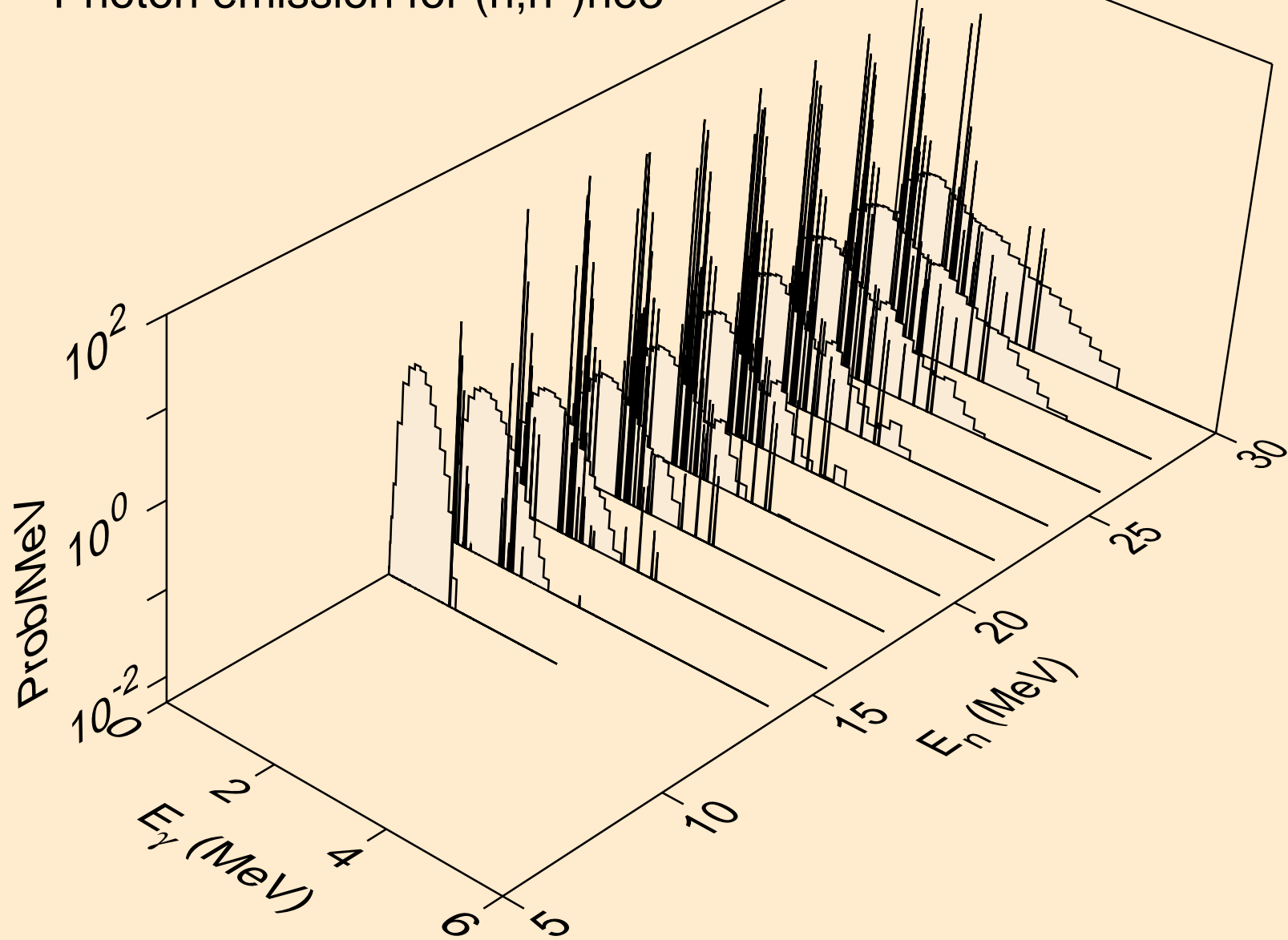
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



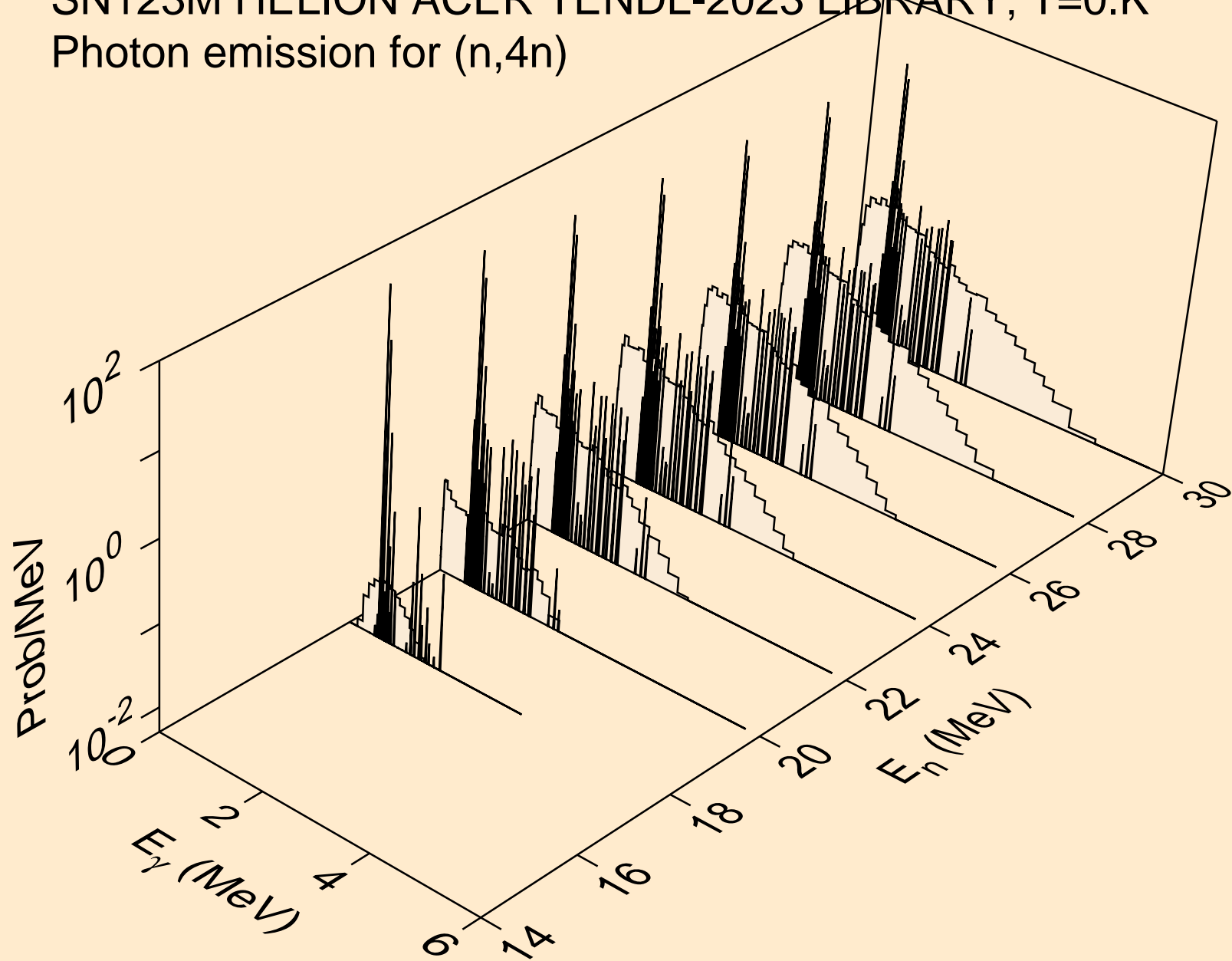
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



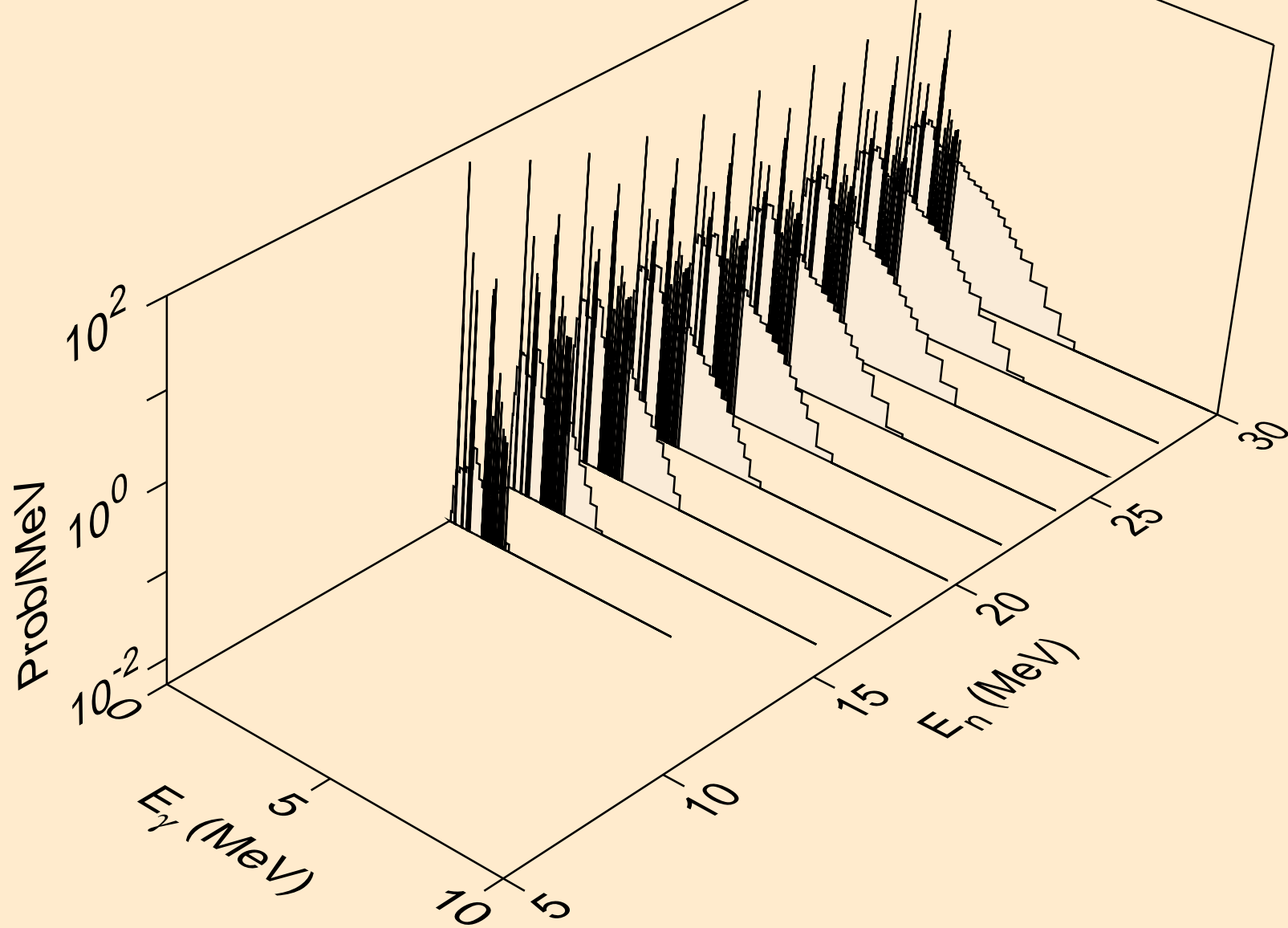
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



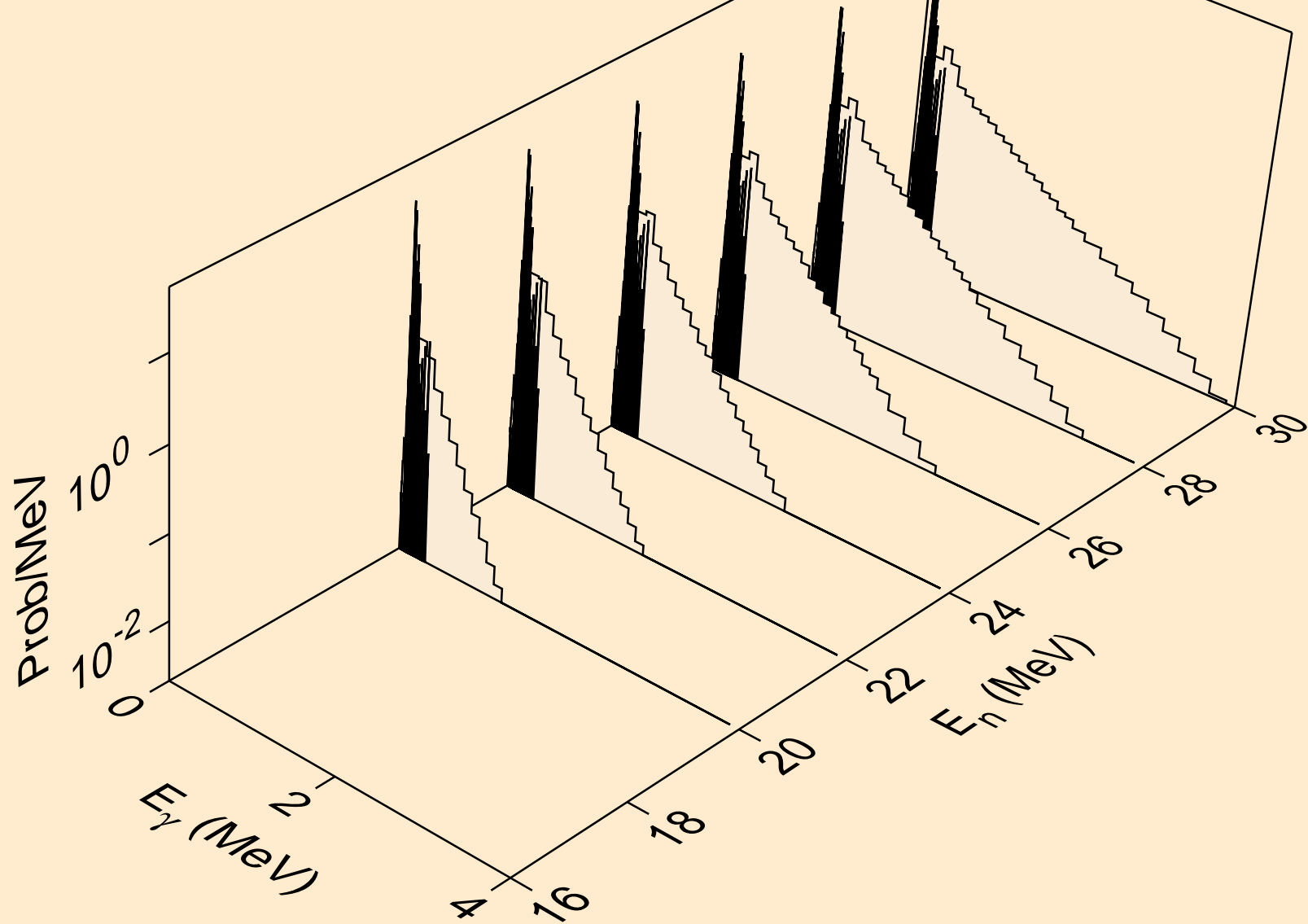
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

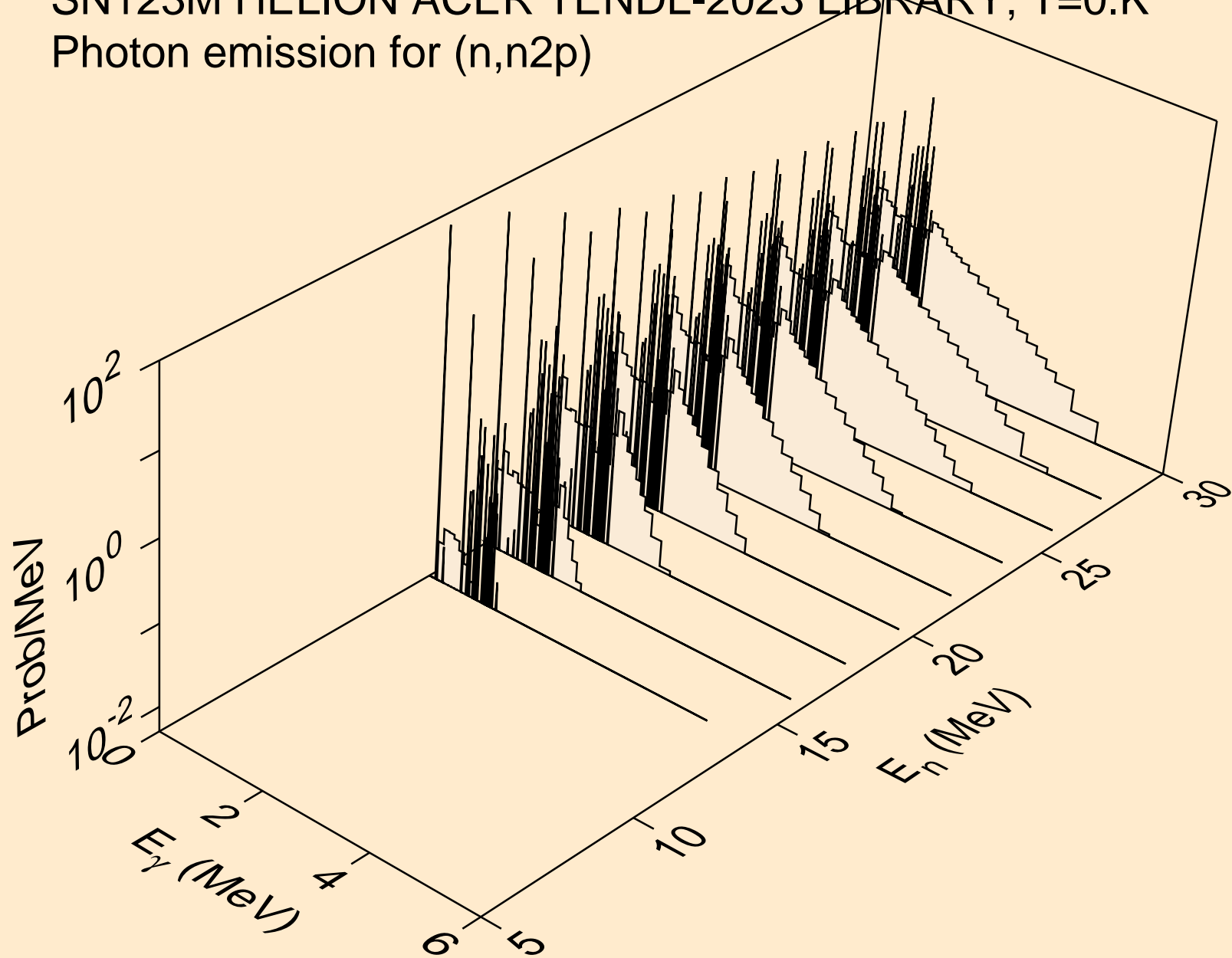


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

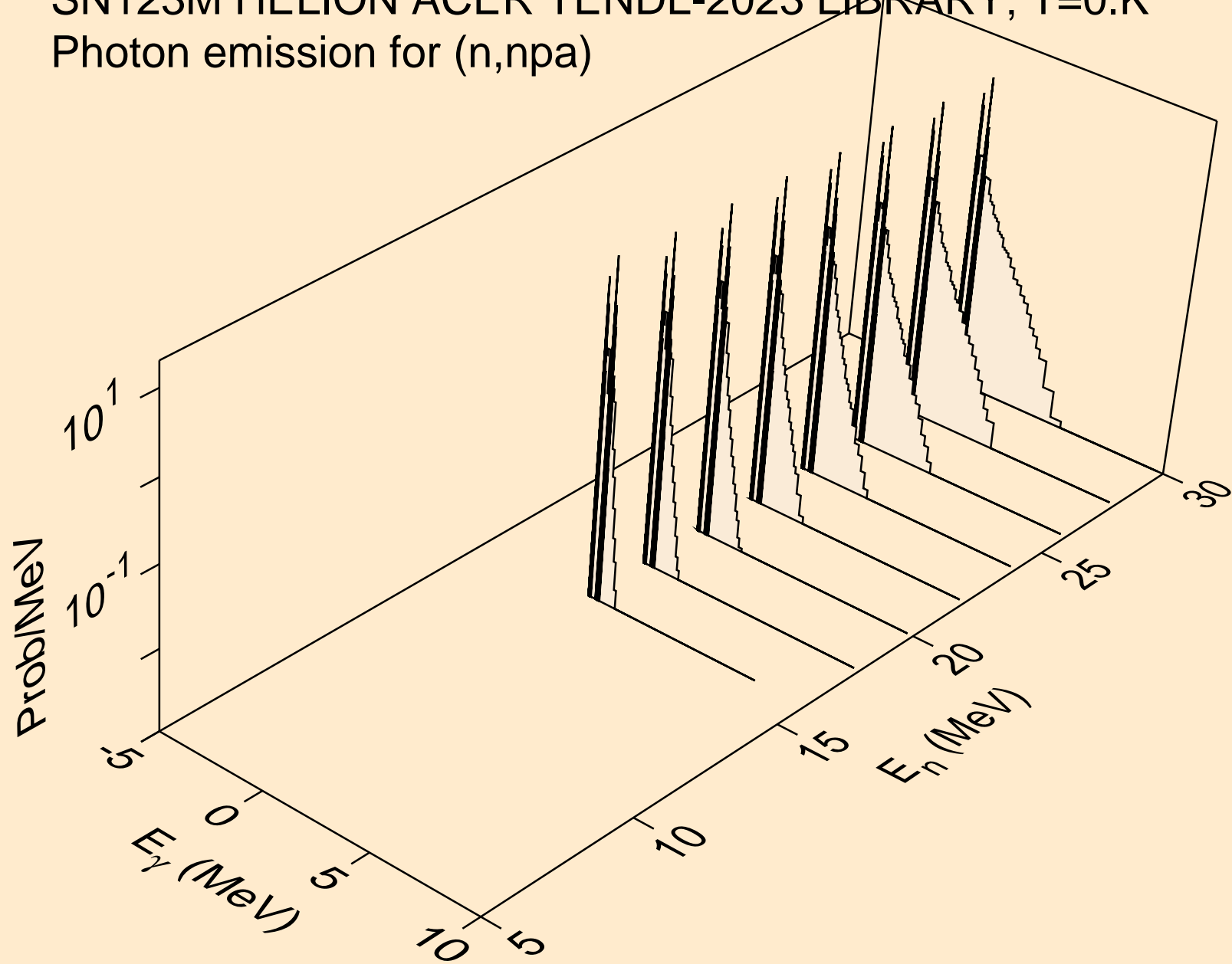




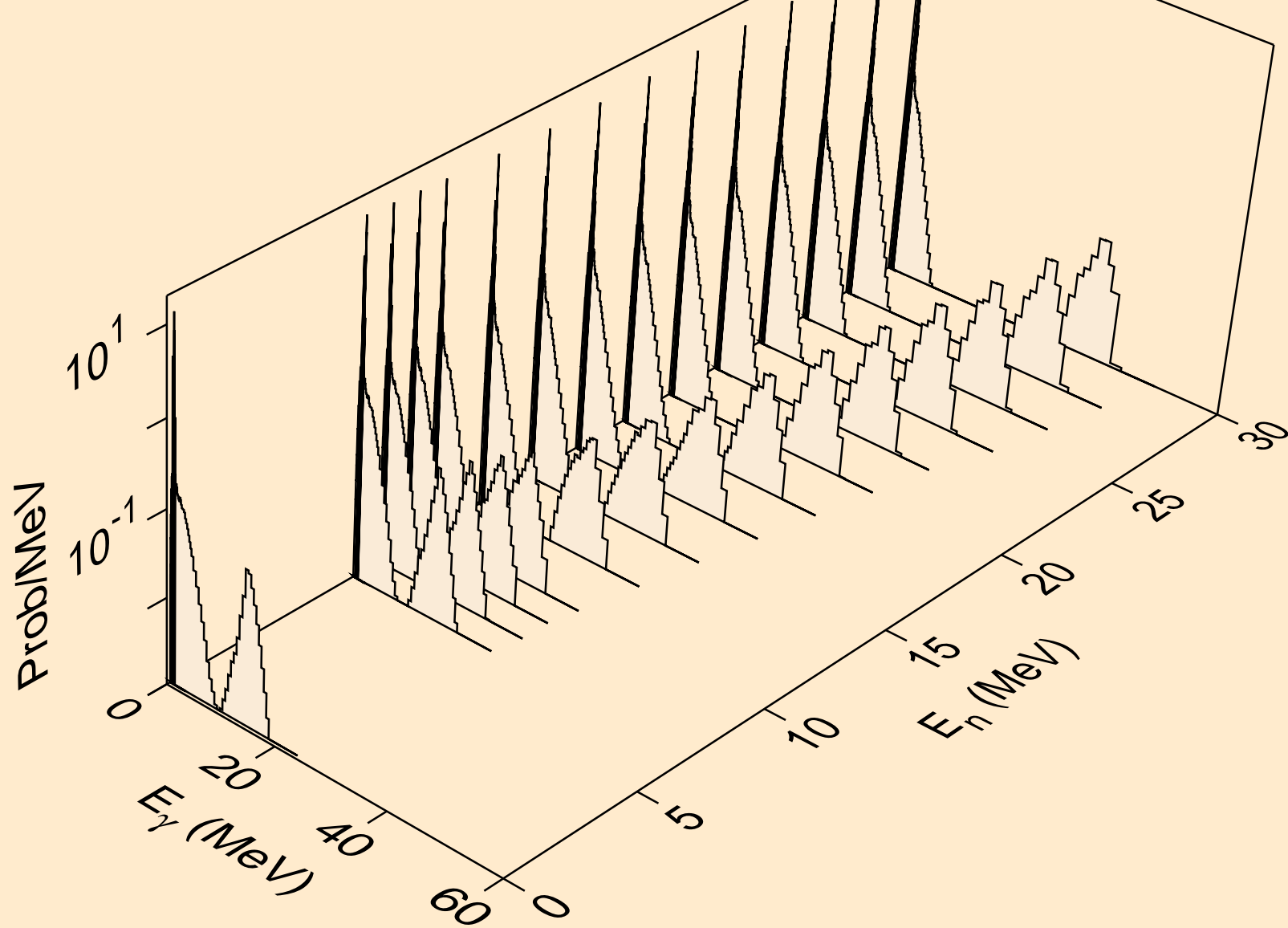
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



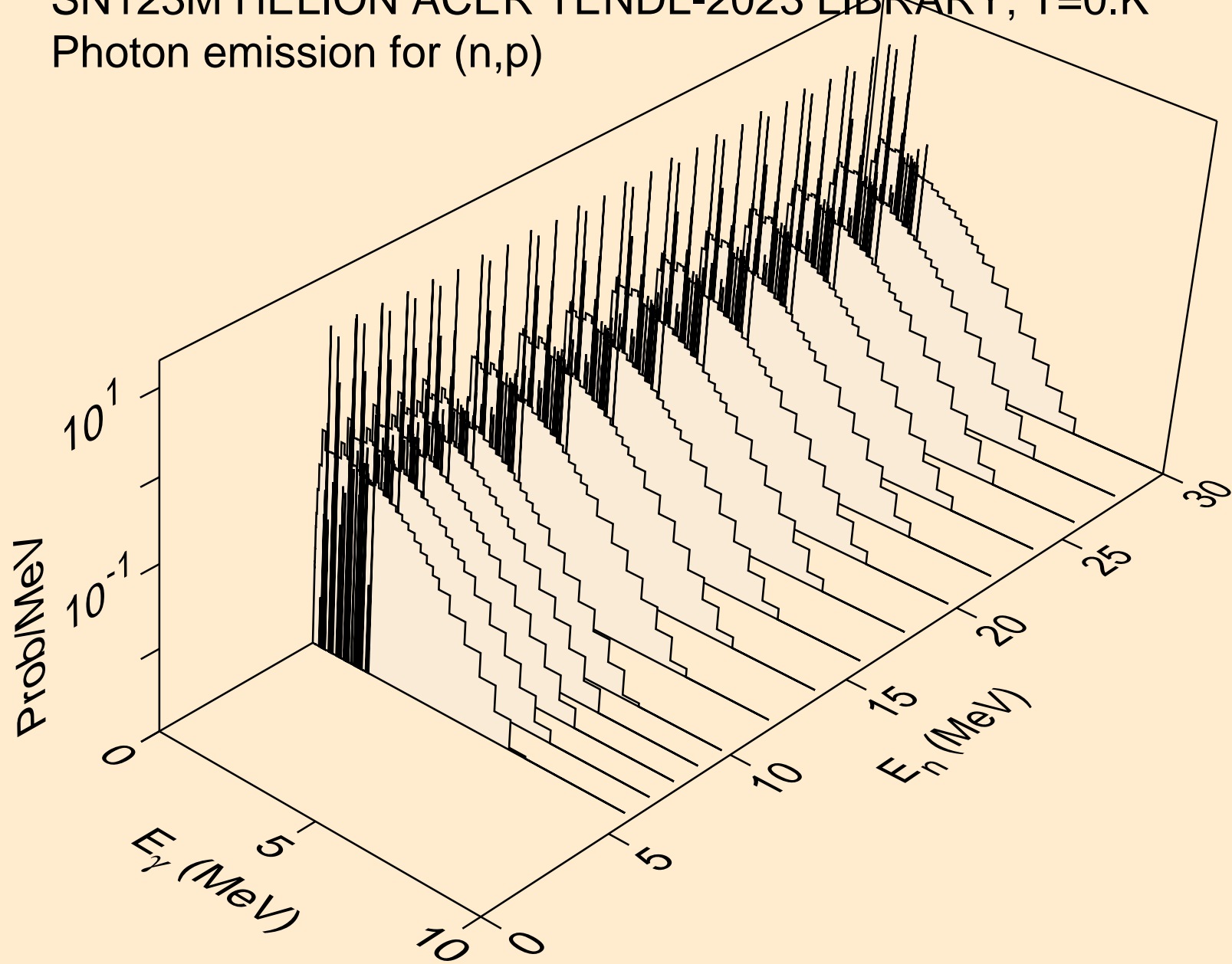
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



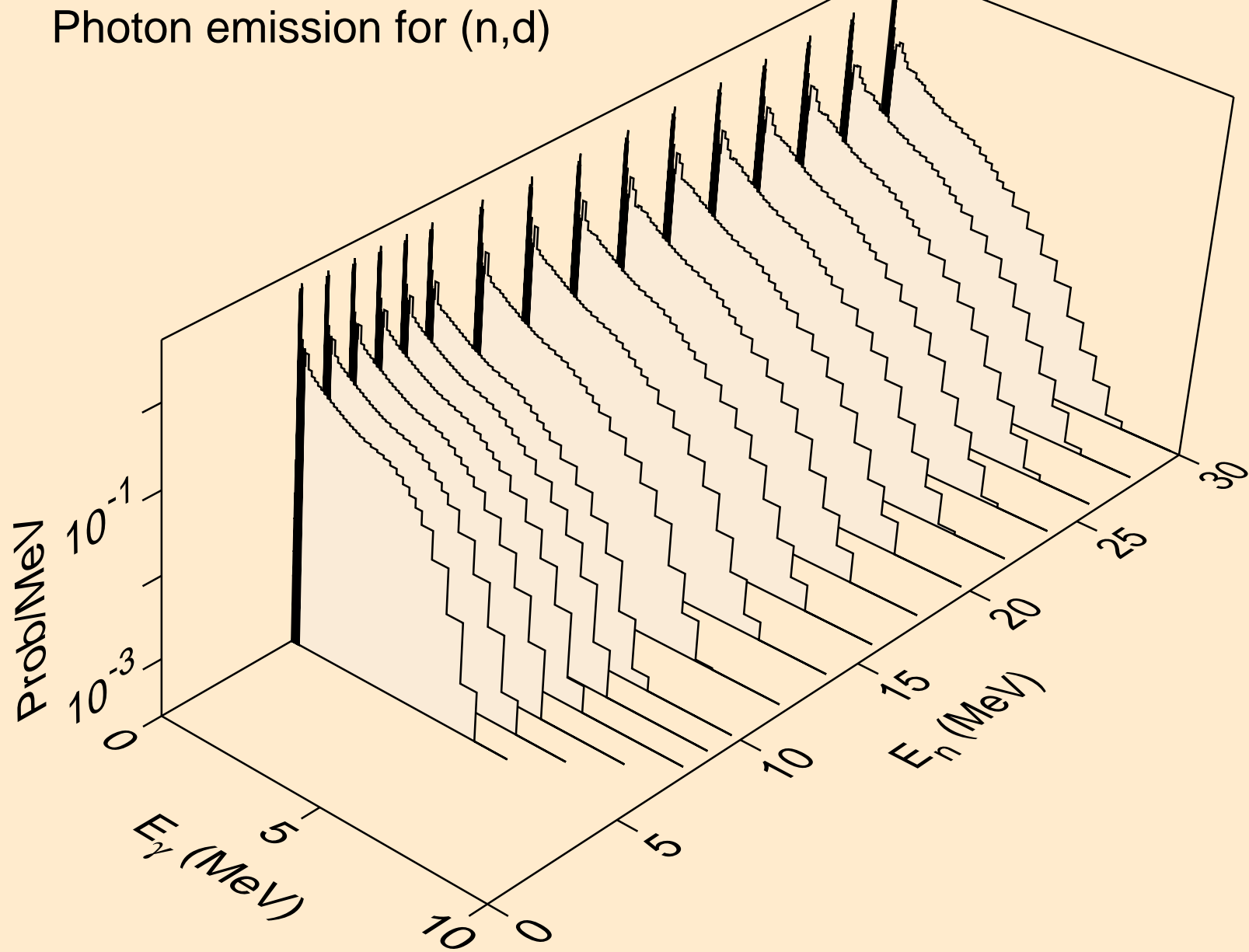
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



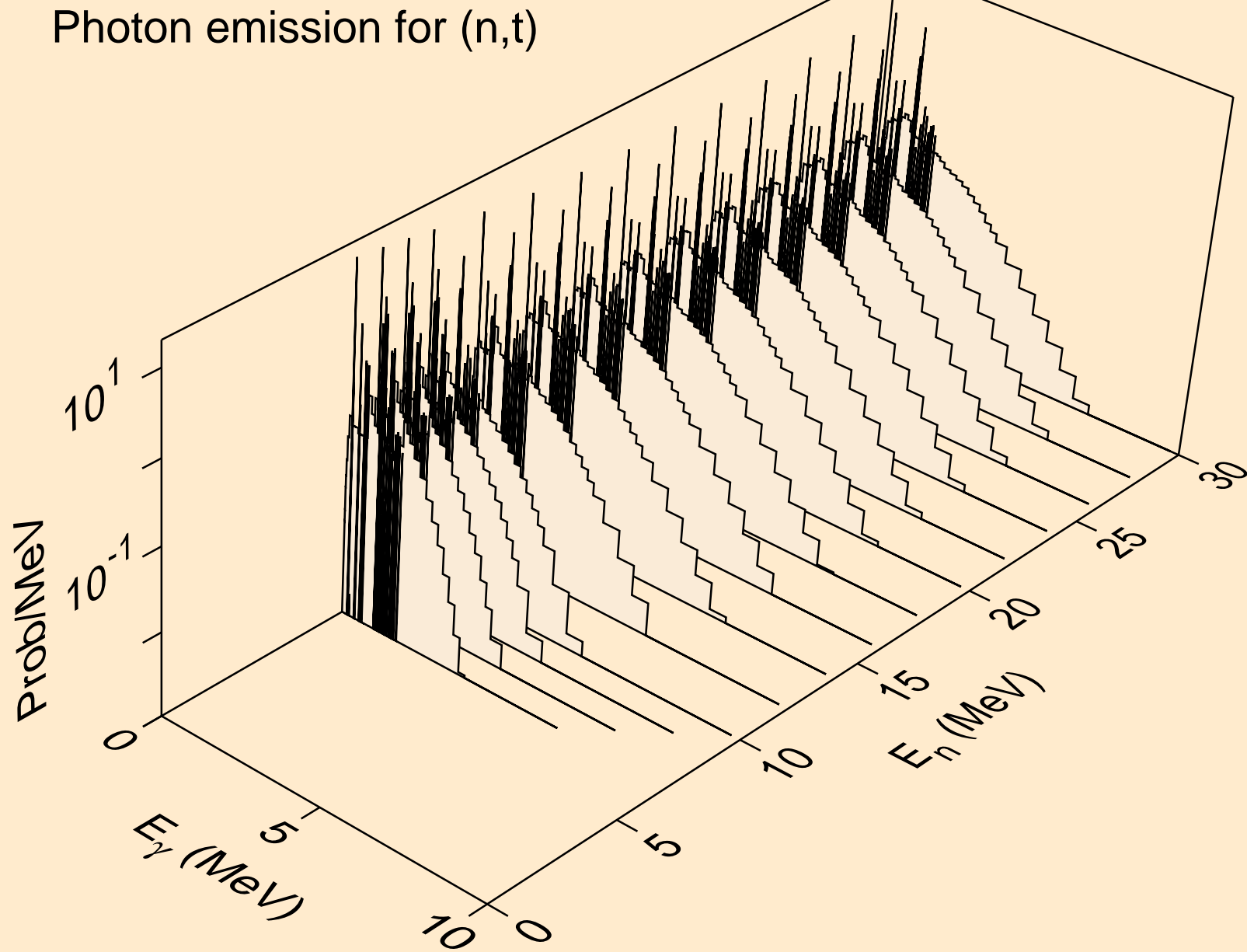
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



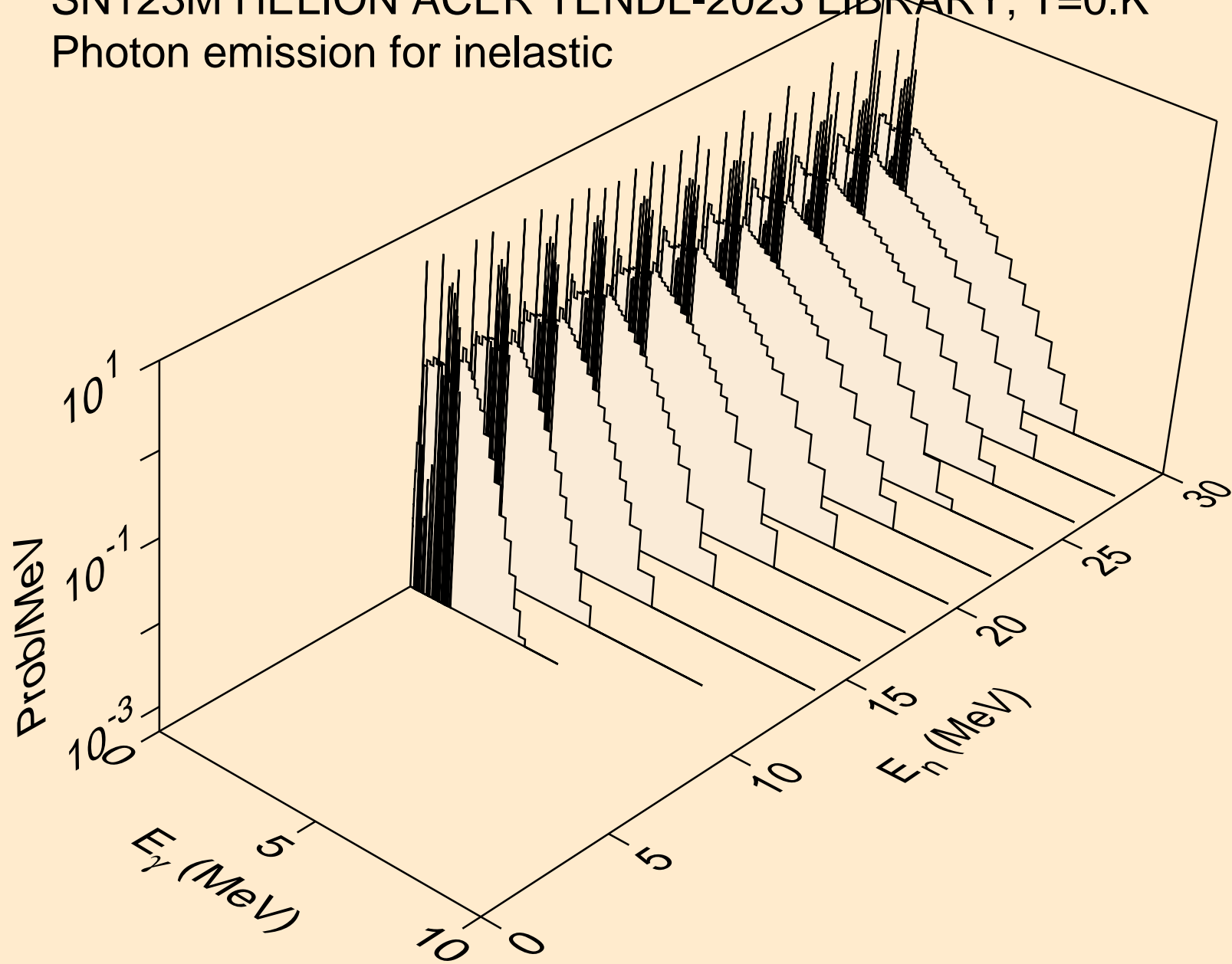
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



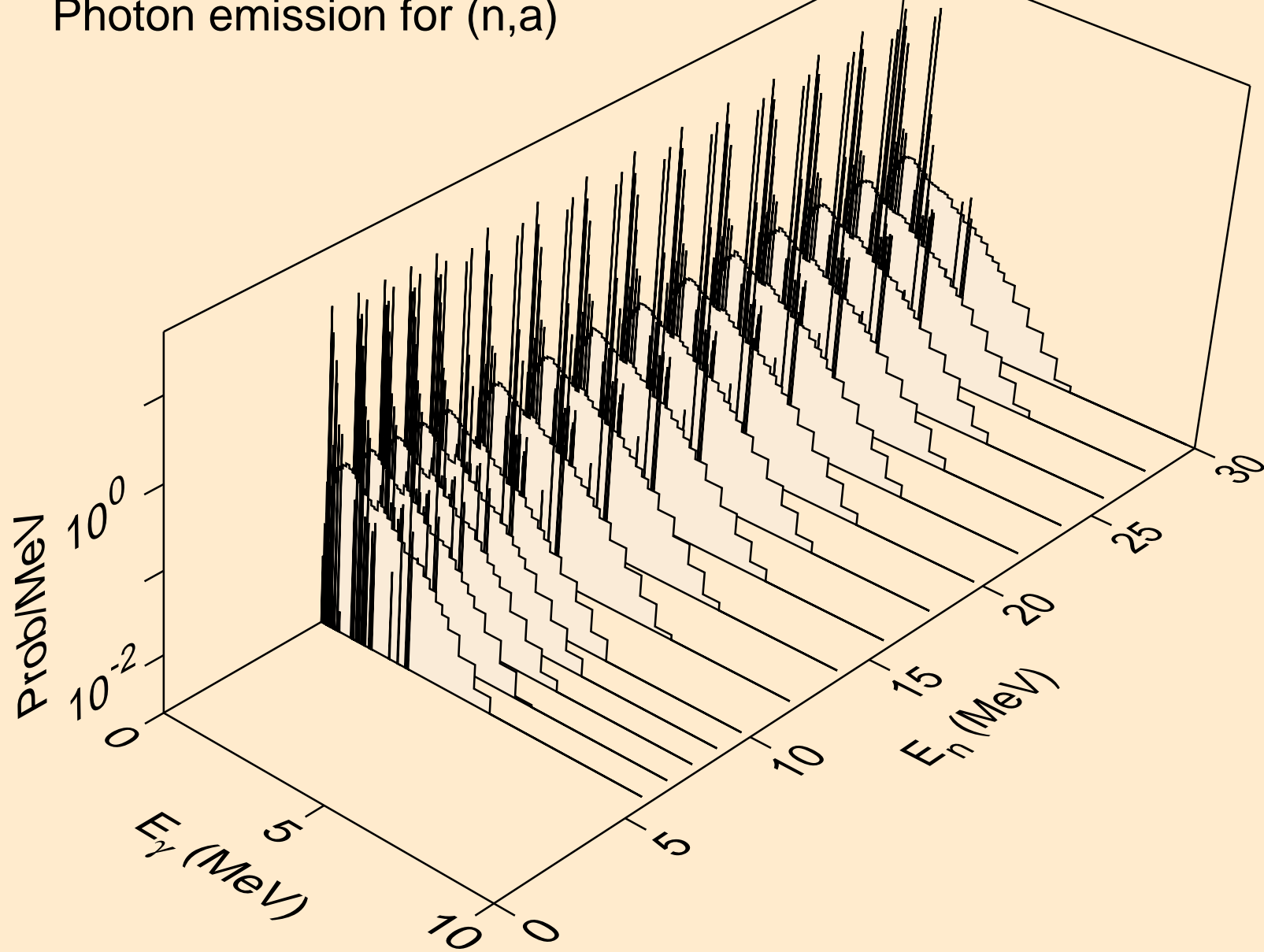
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

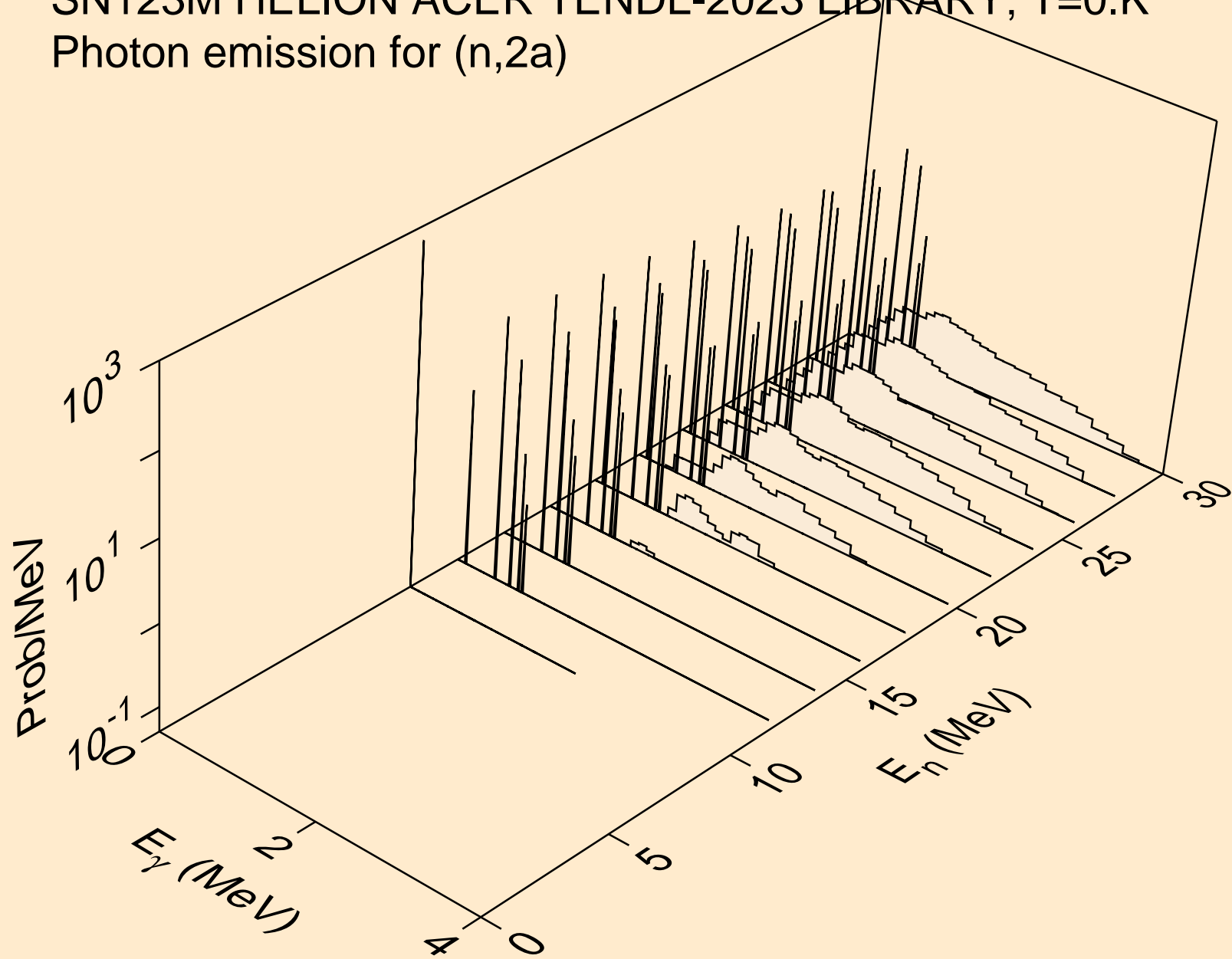


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

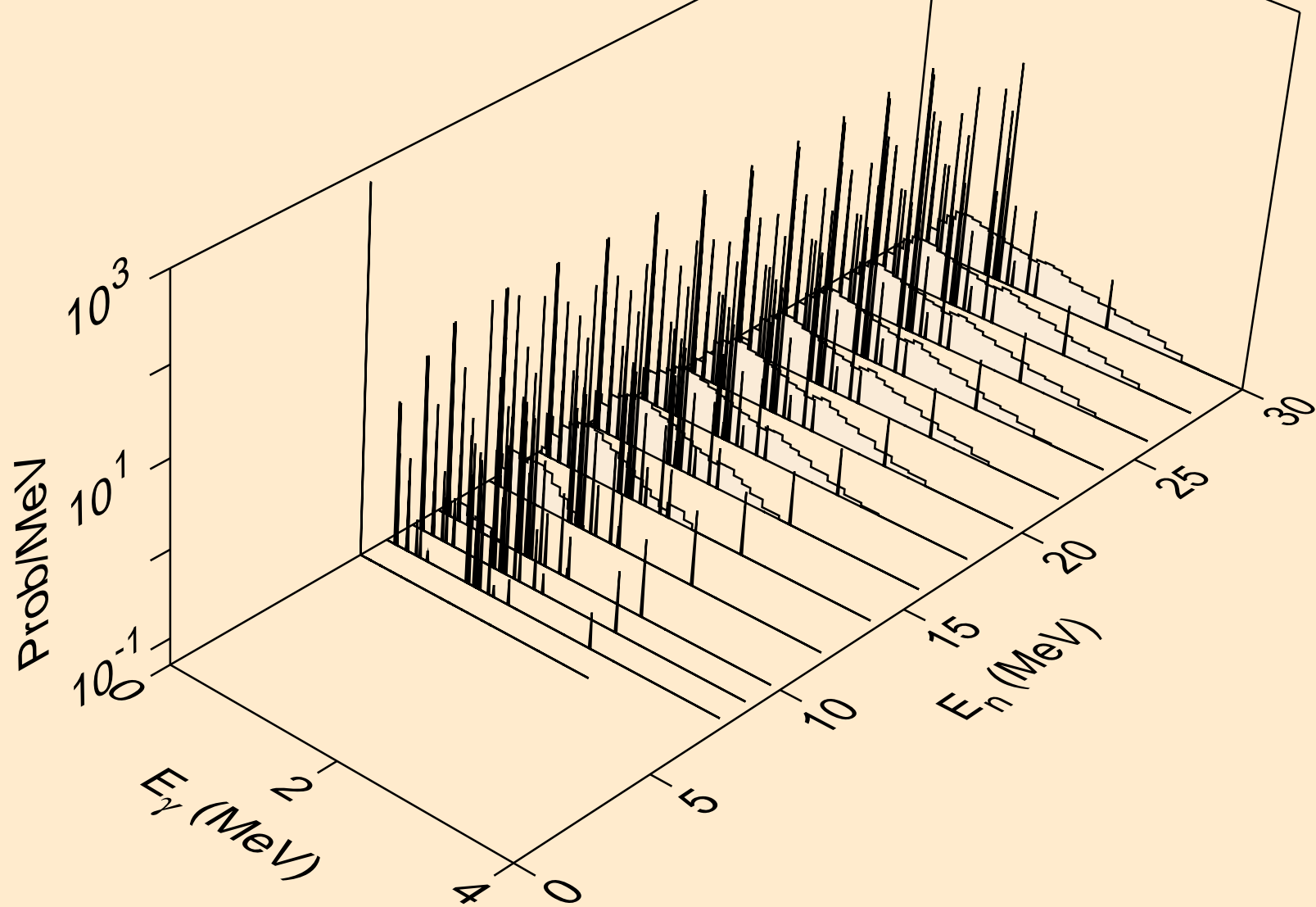




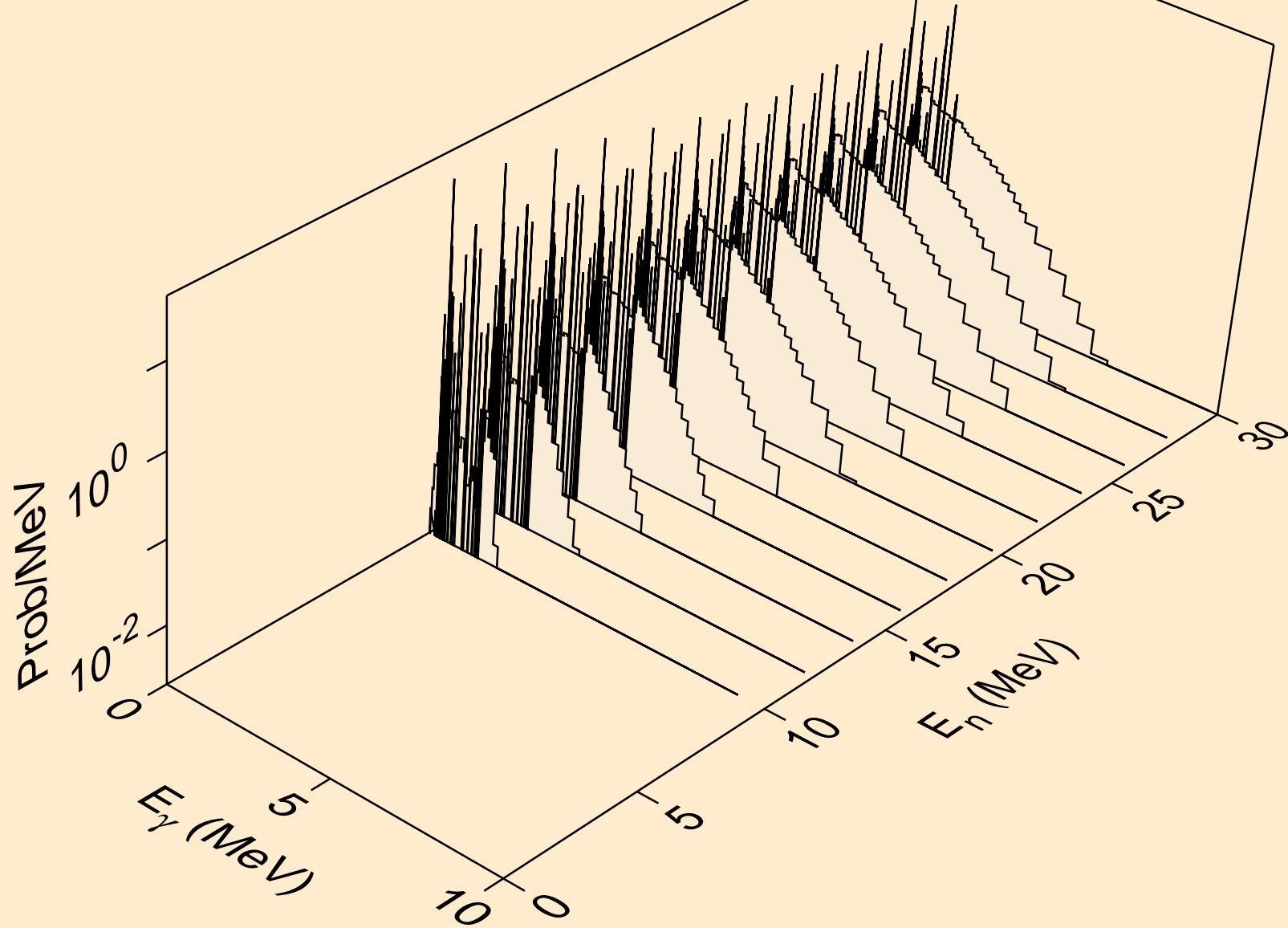
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



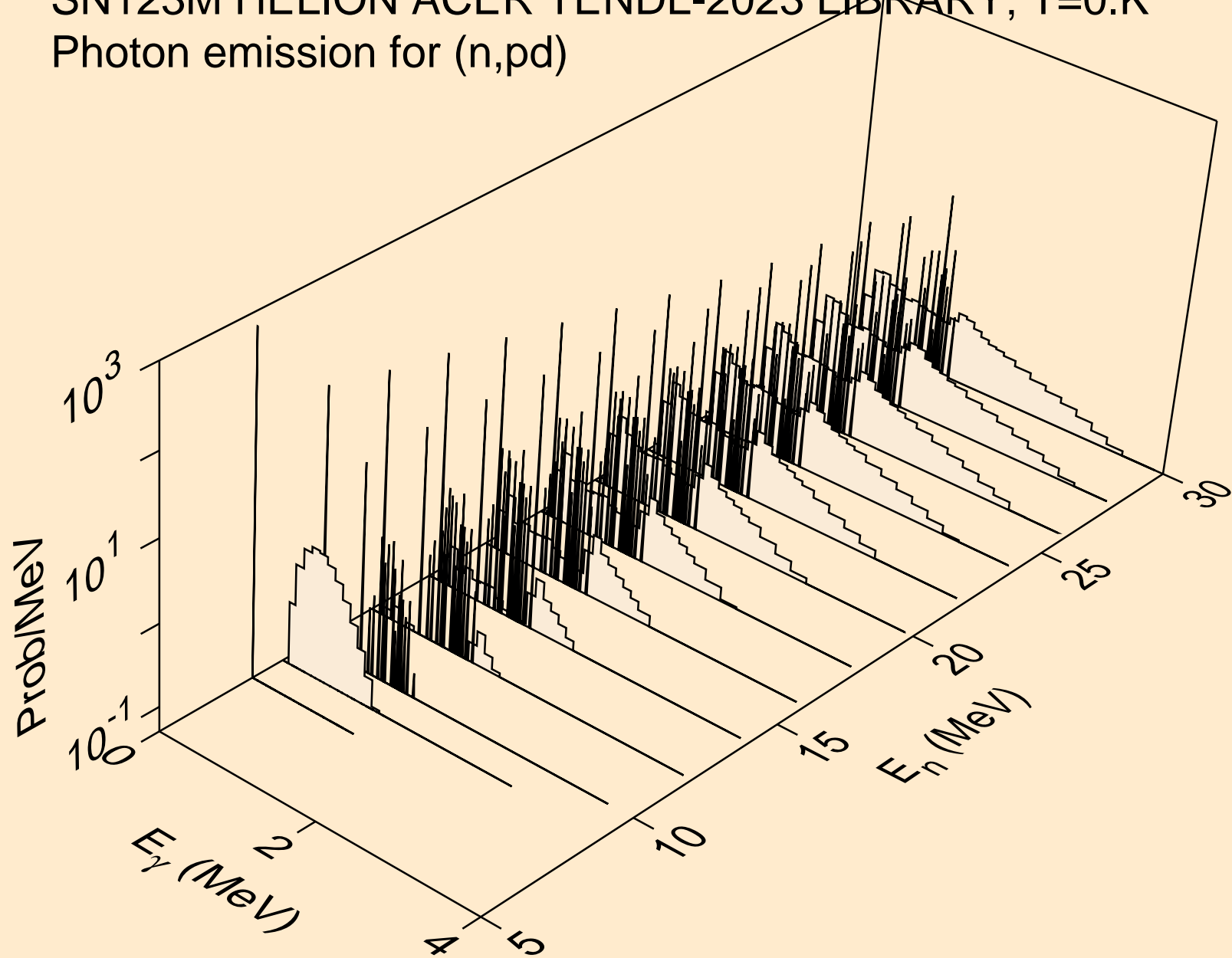
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



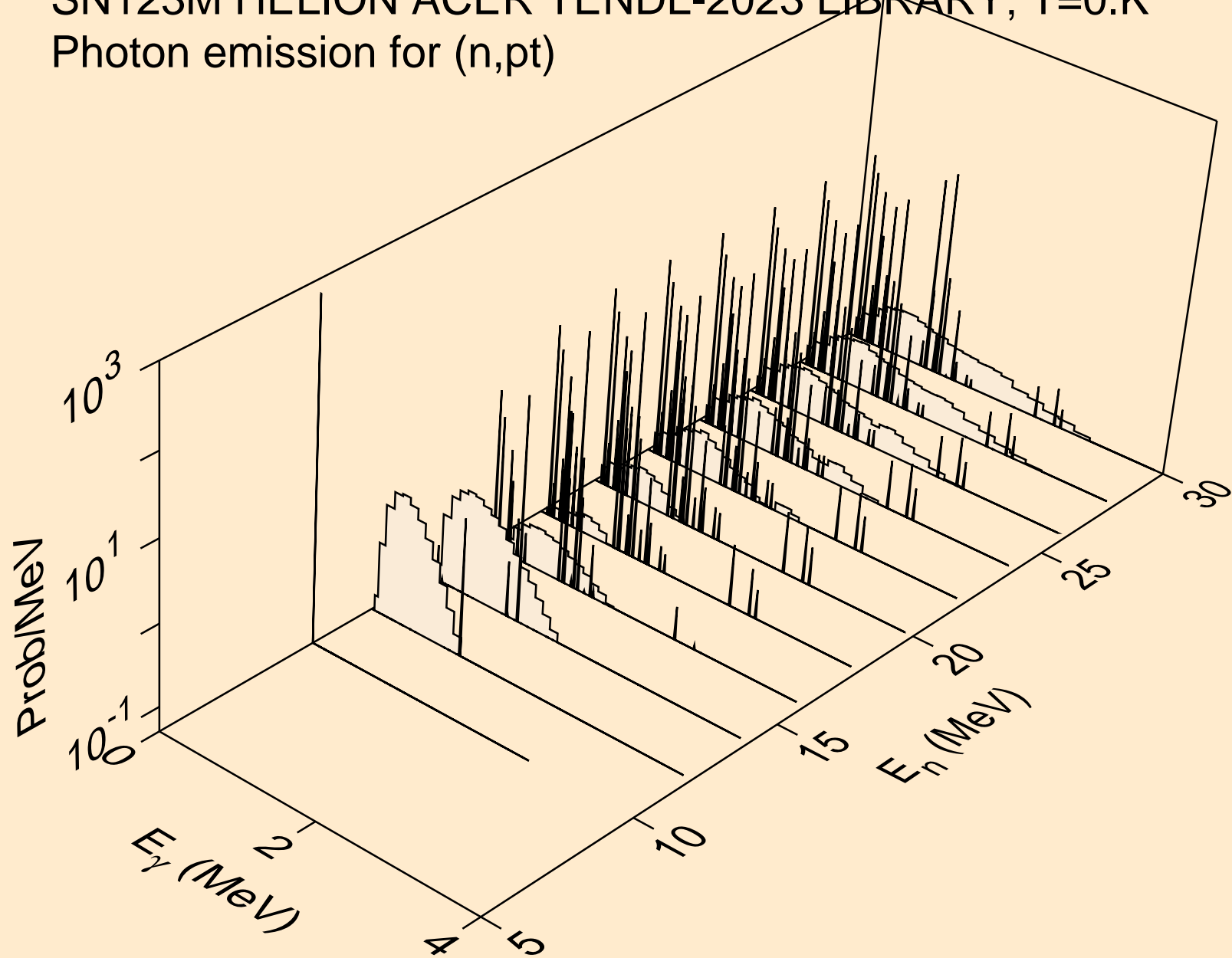
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



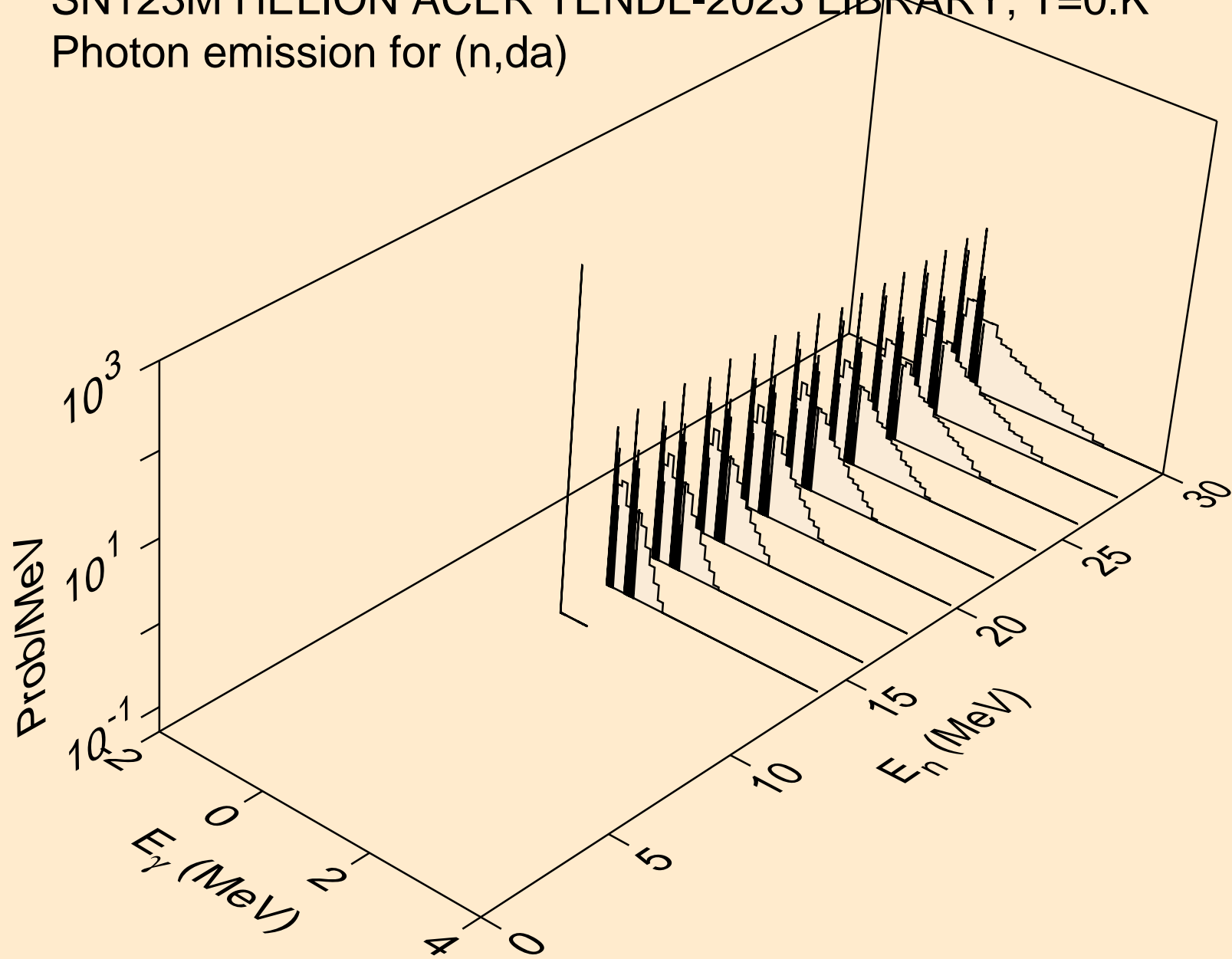
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

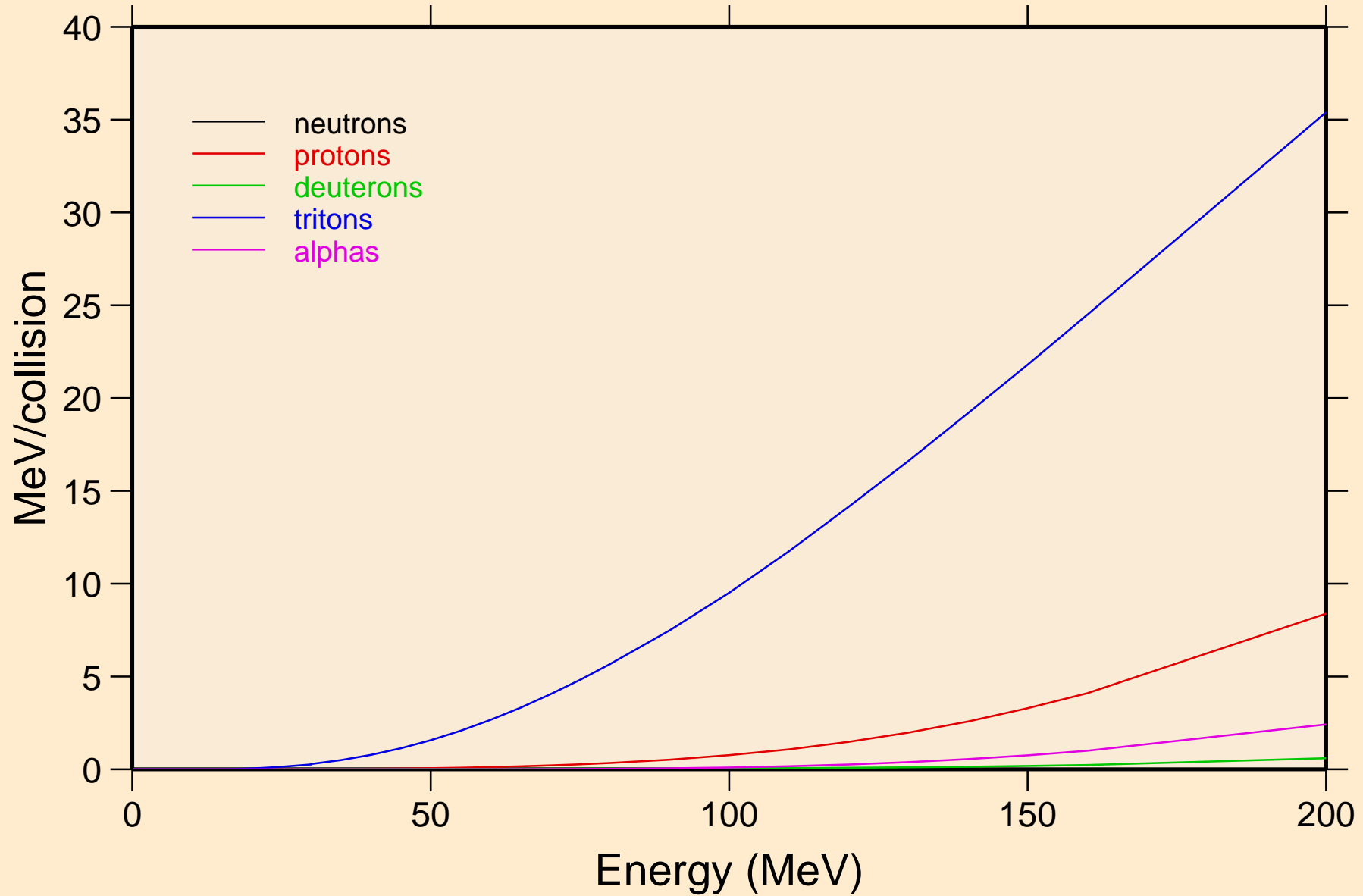


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

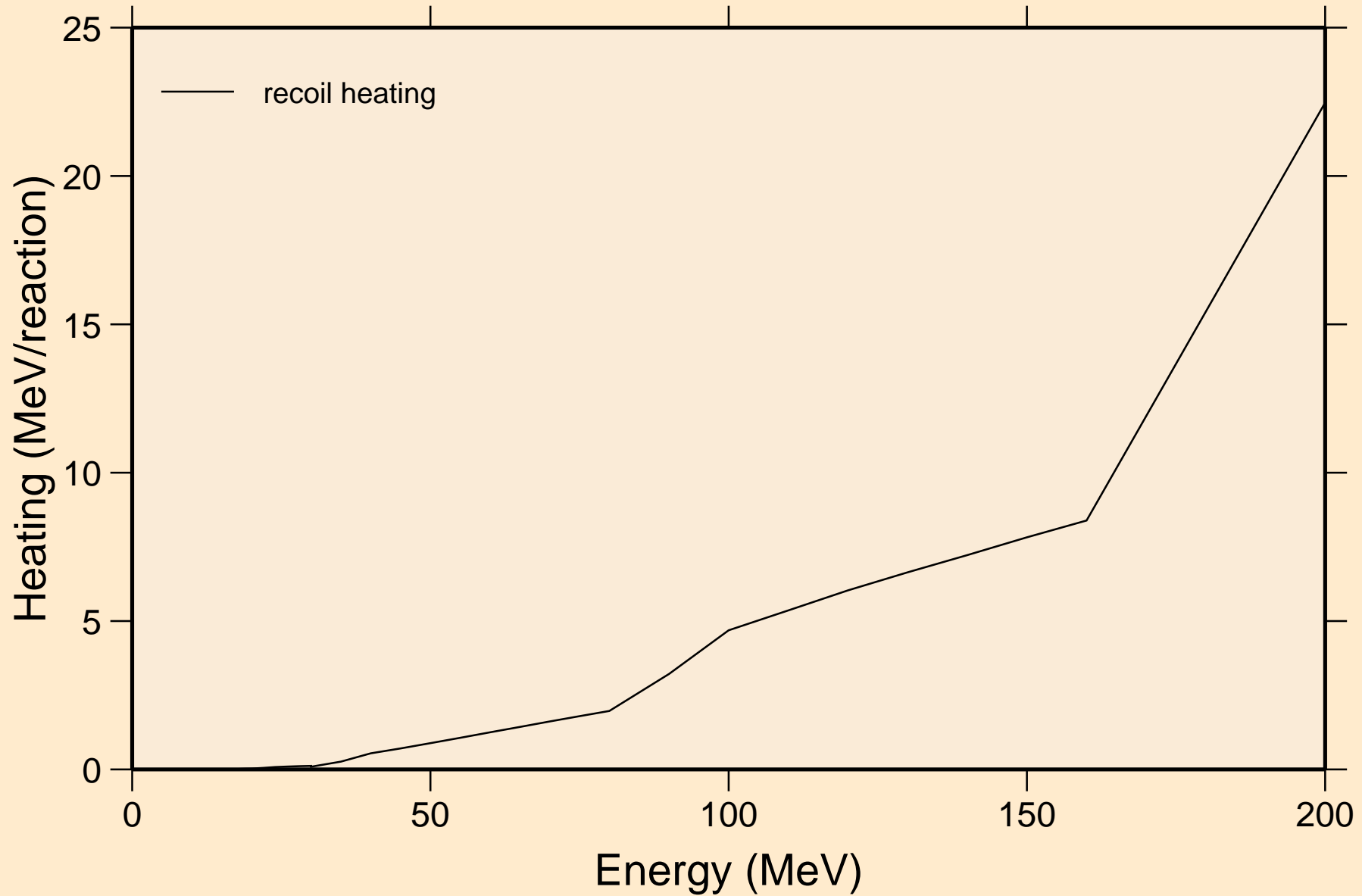


# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



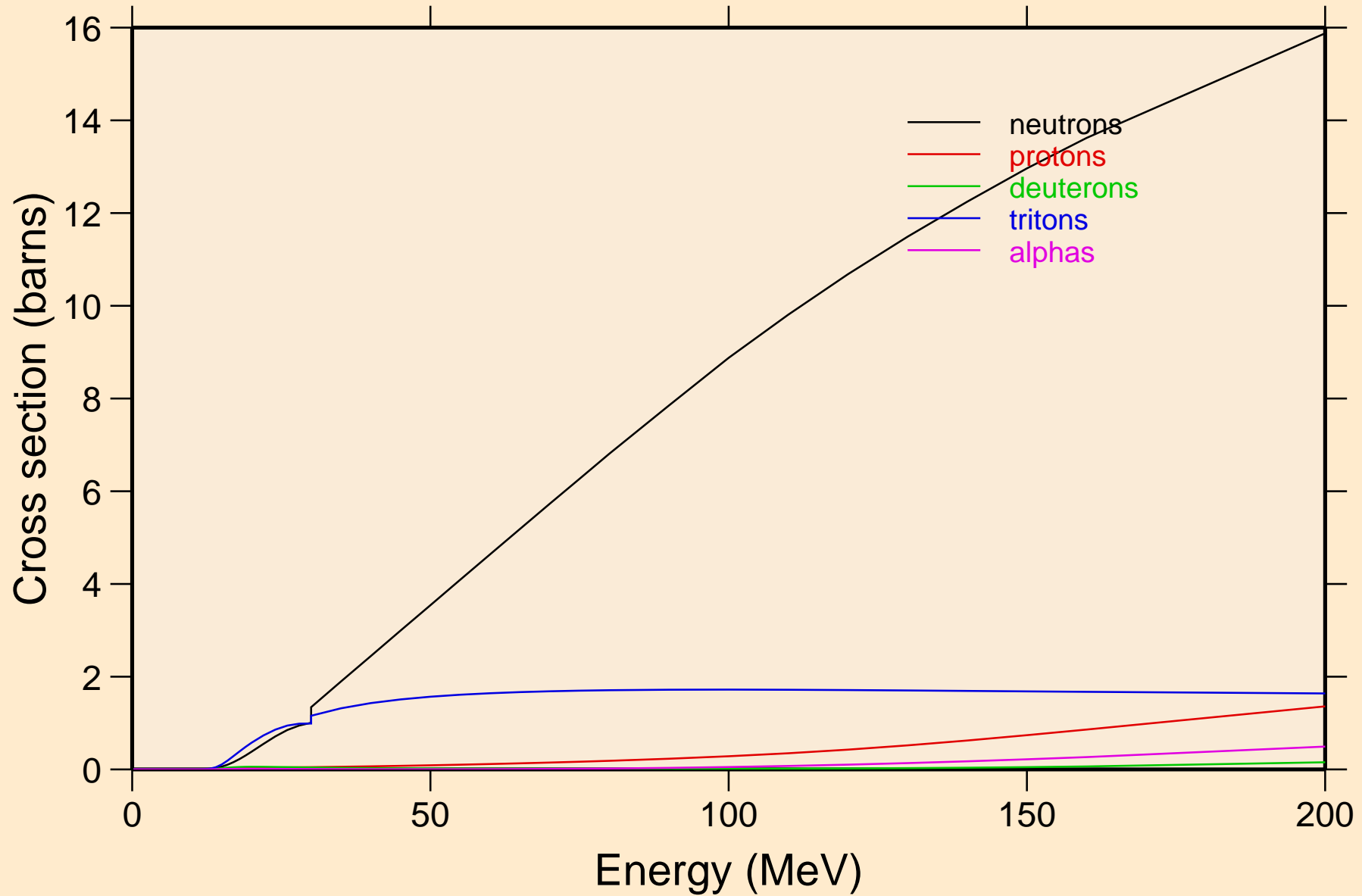
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



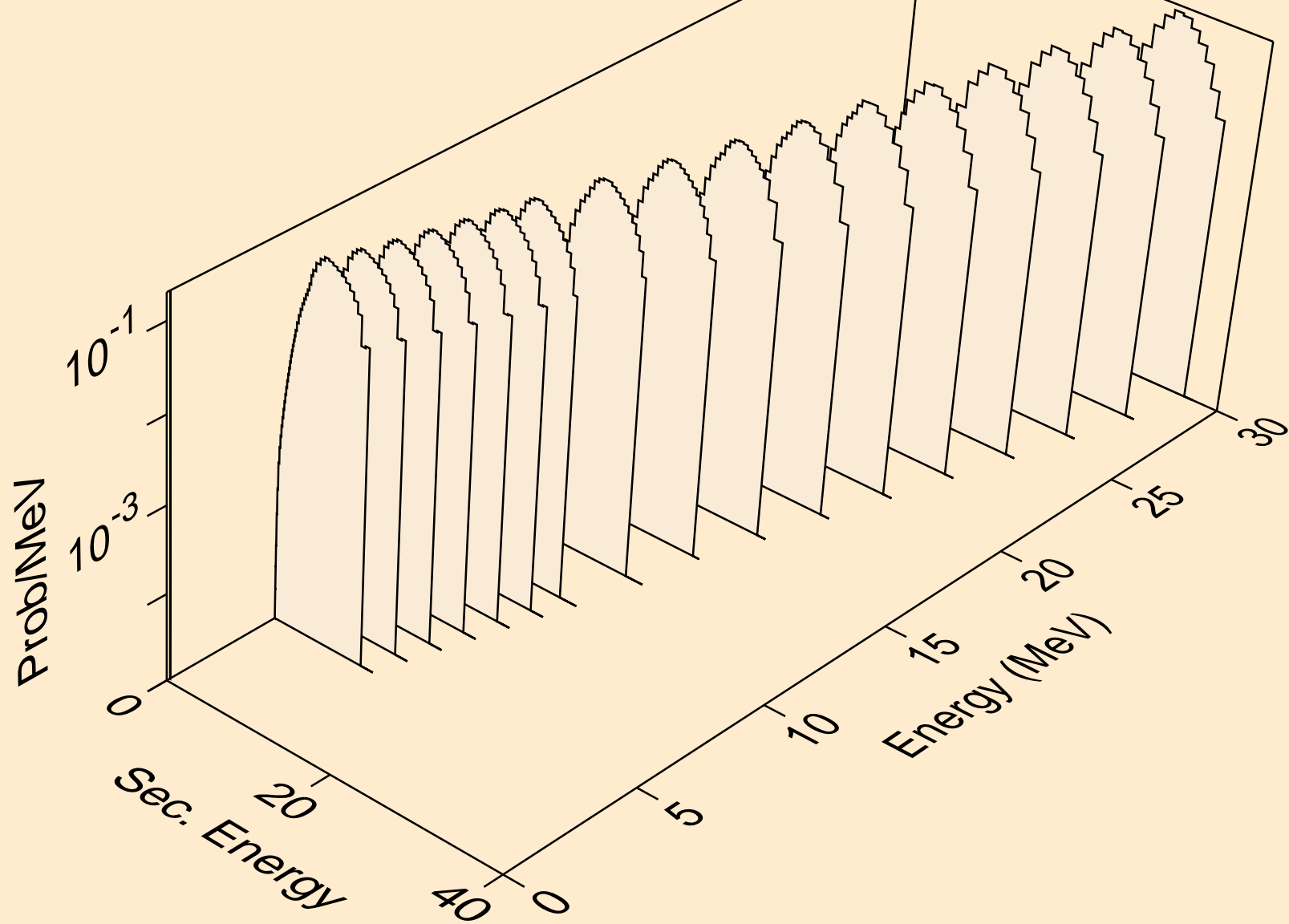


# SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K

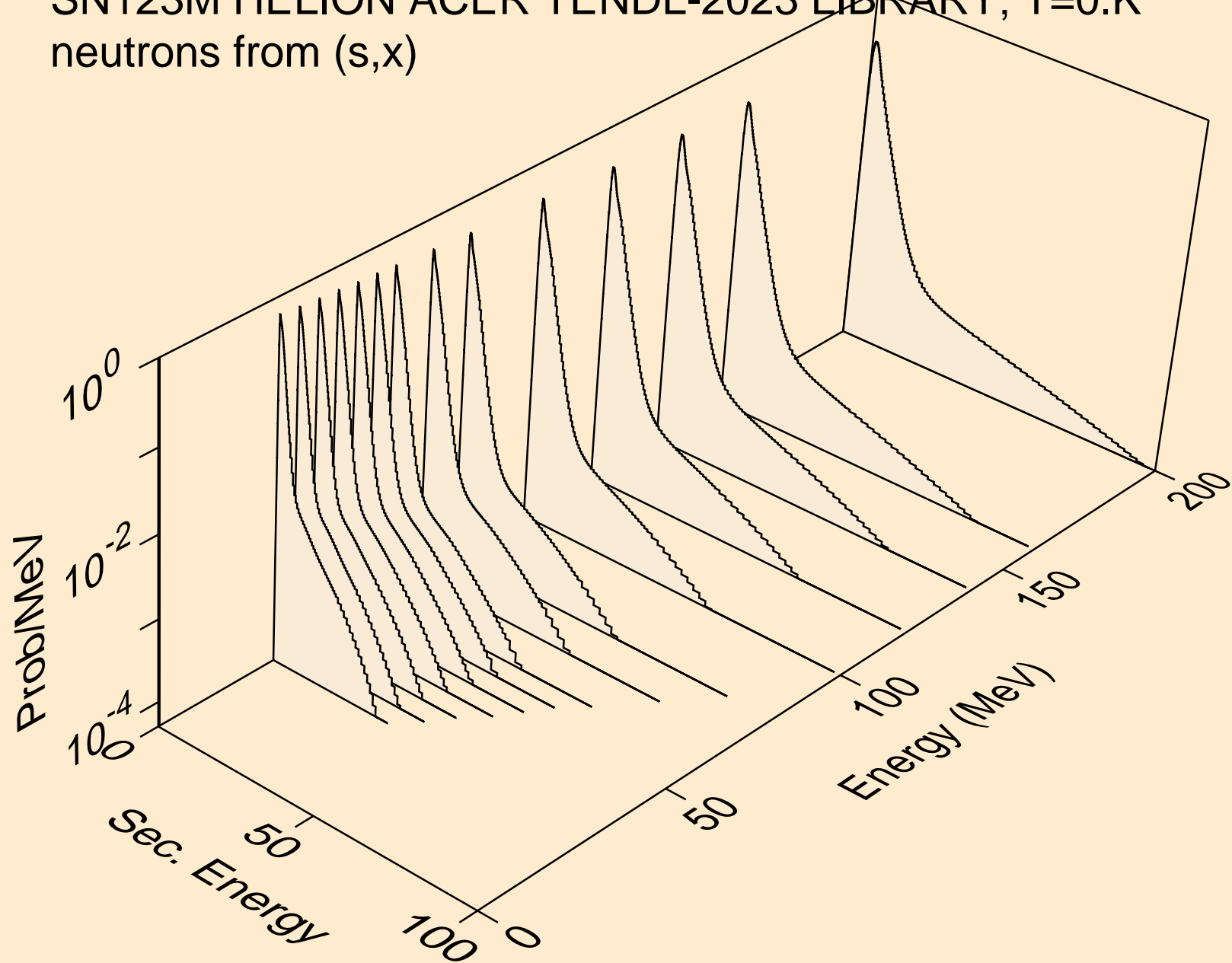
## Particle production cross sections



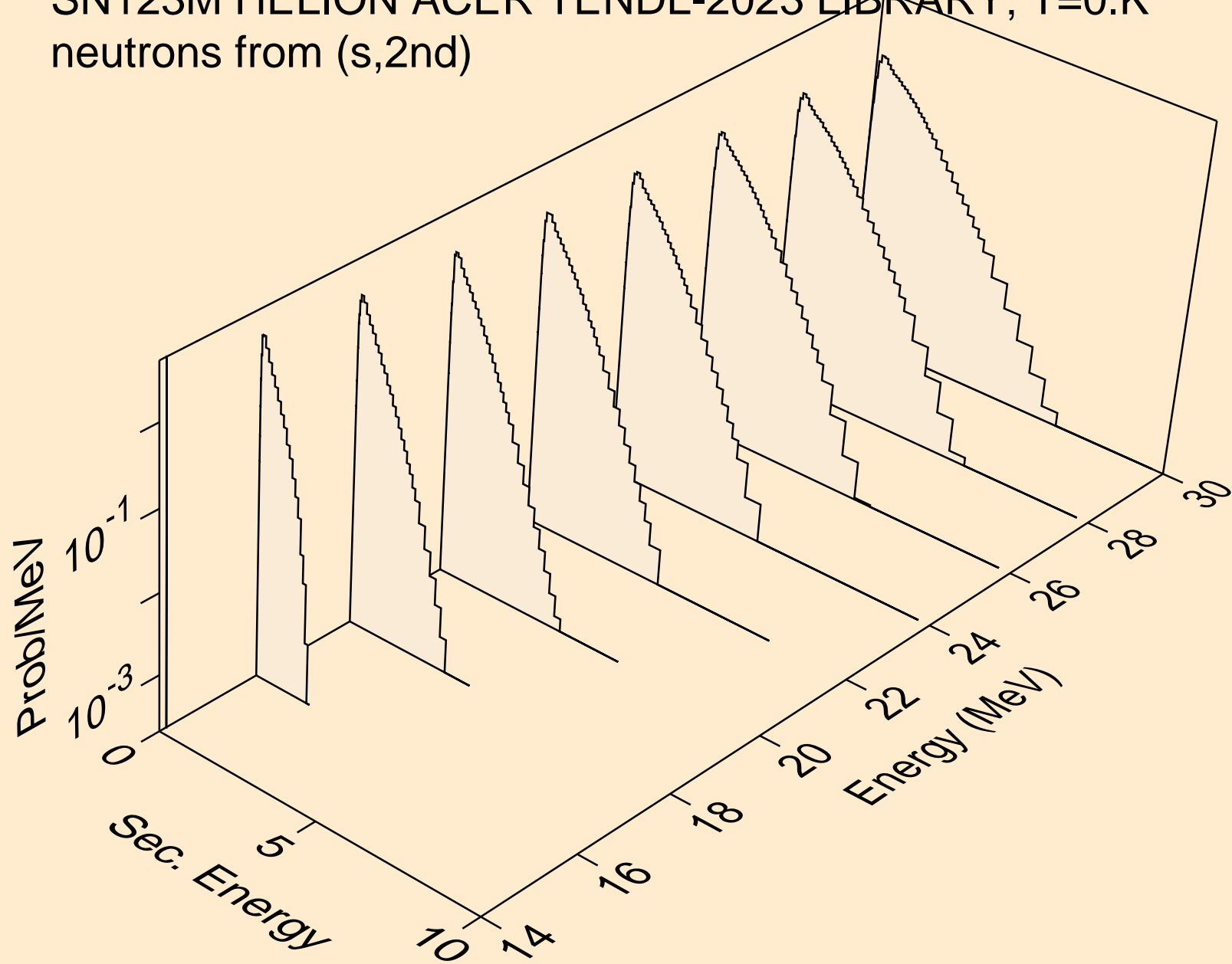
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



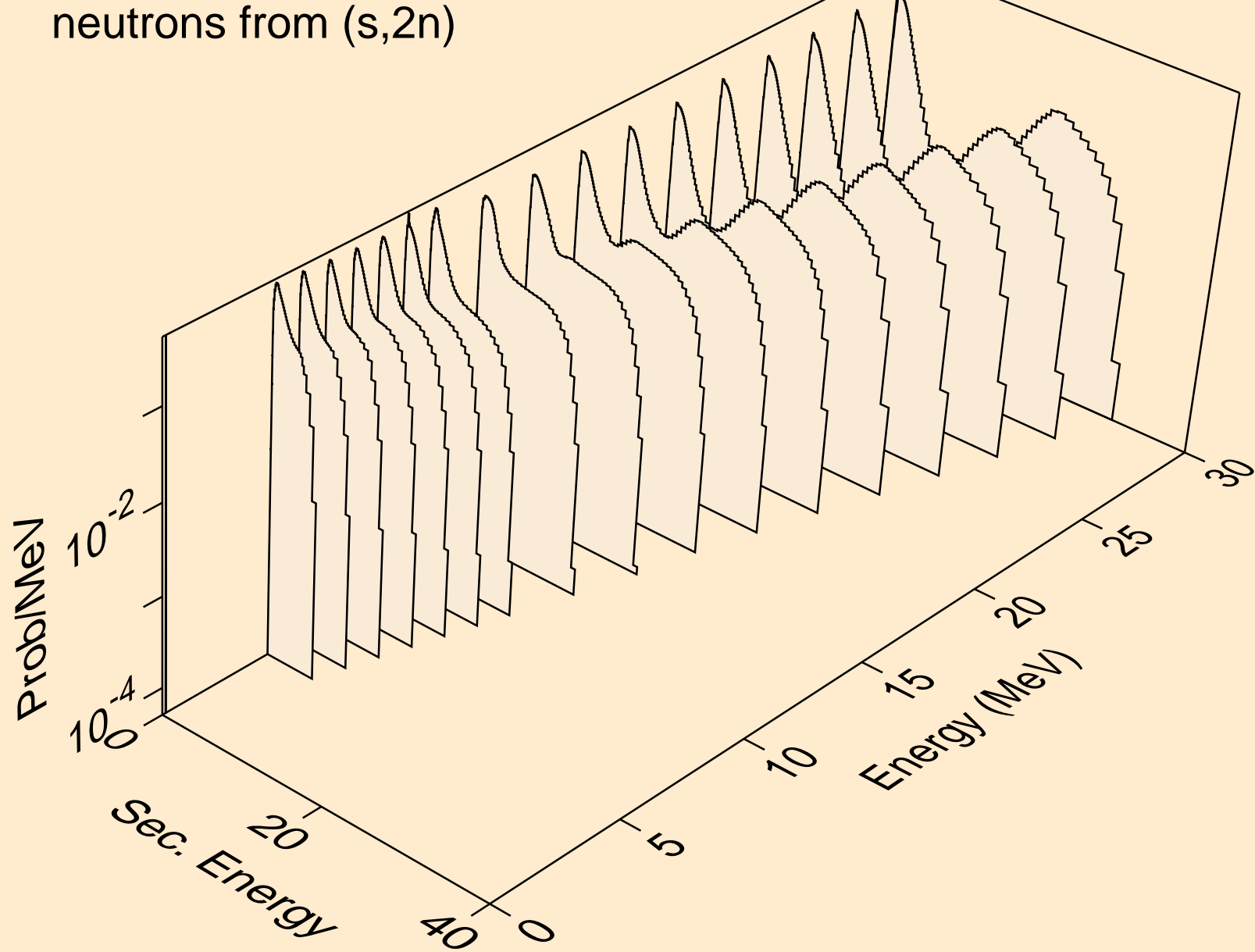
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



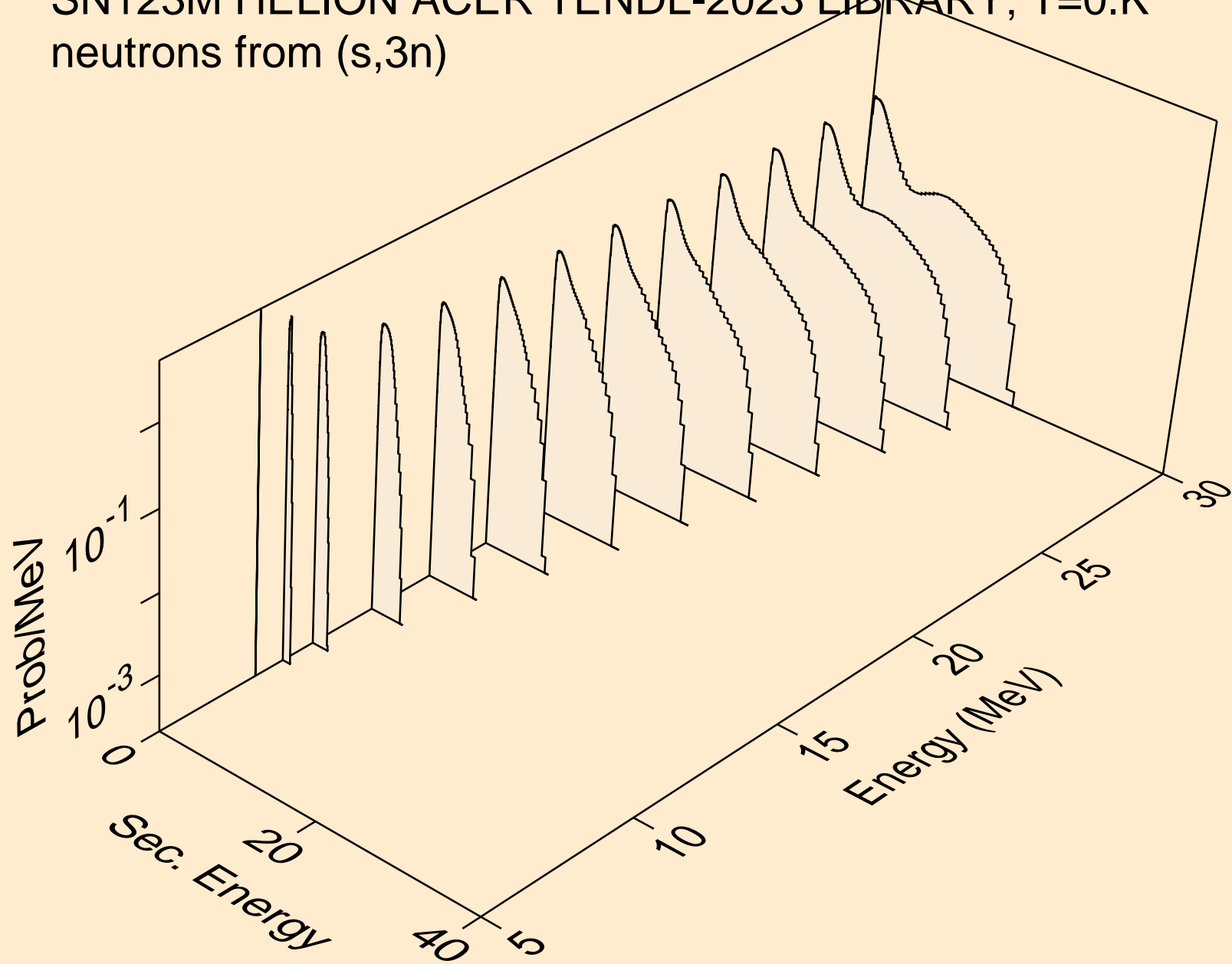
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



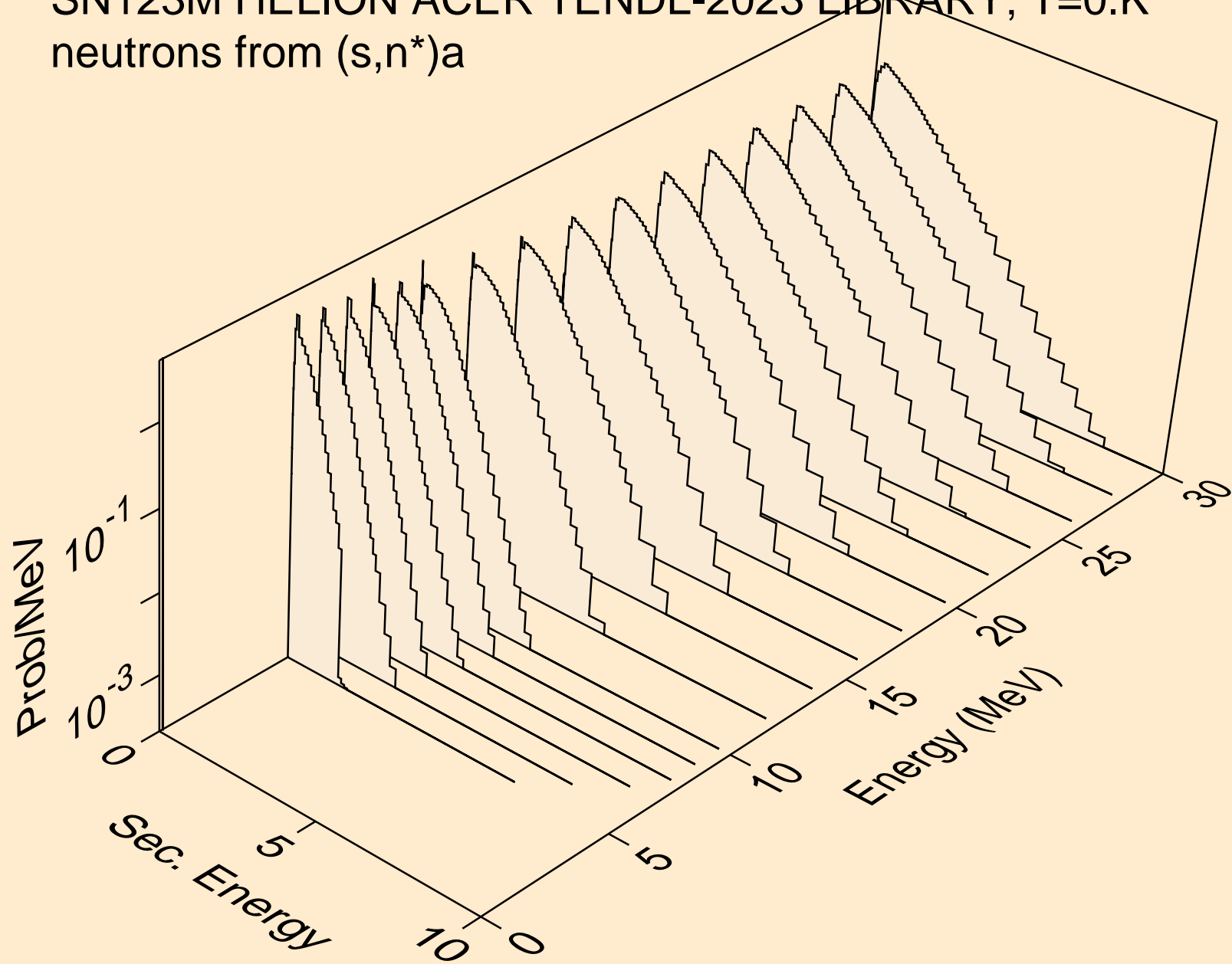
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



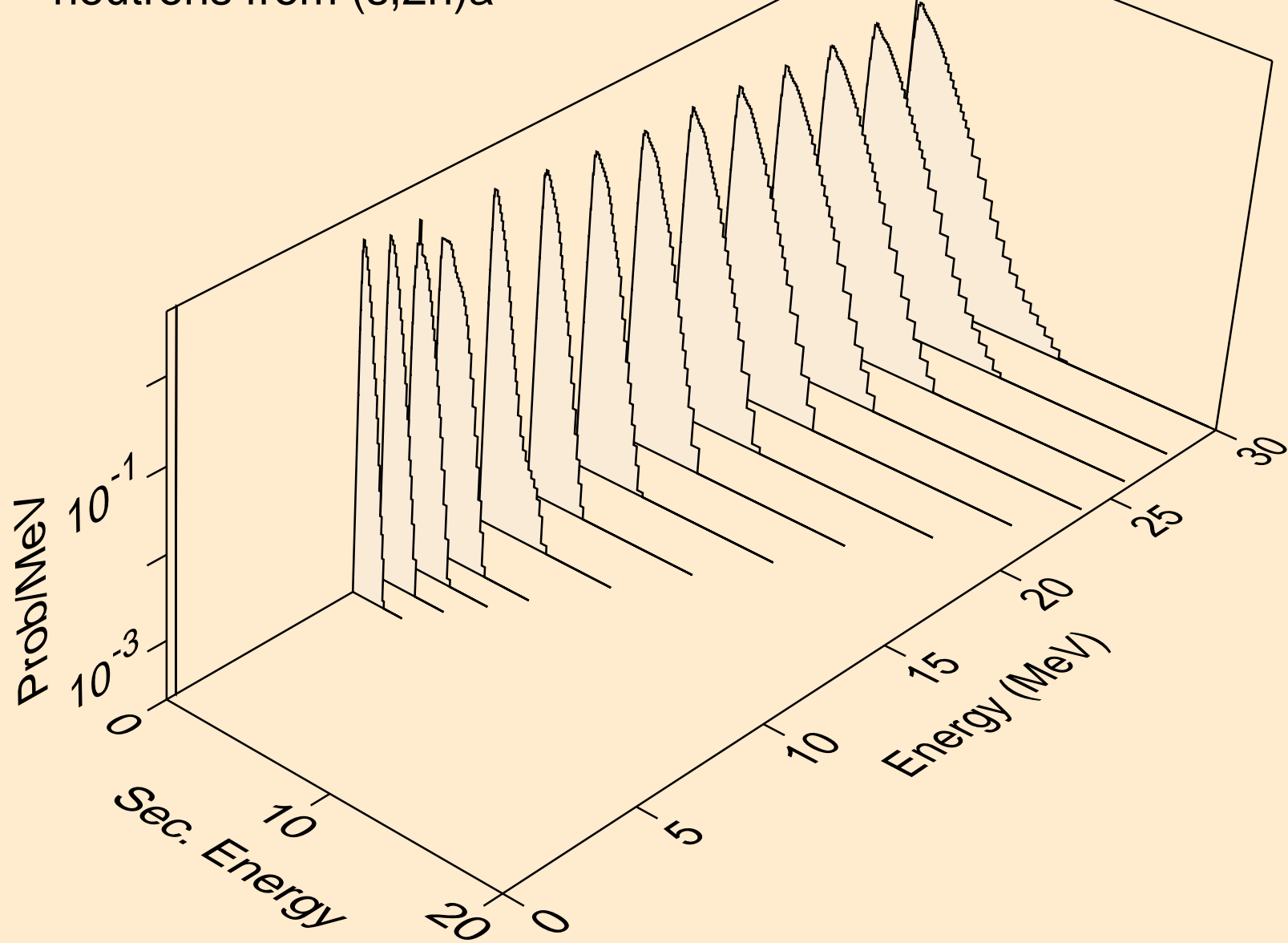
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

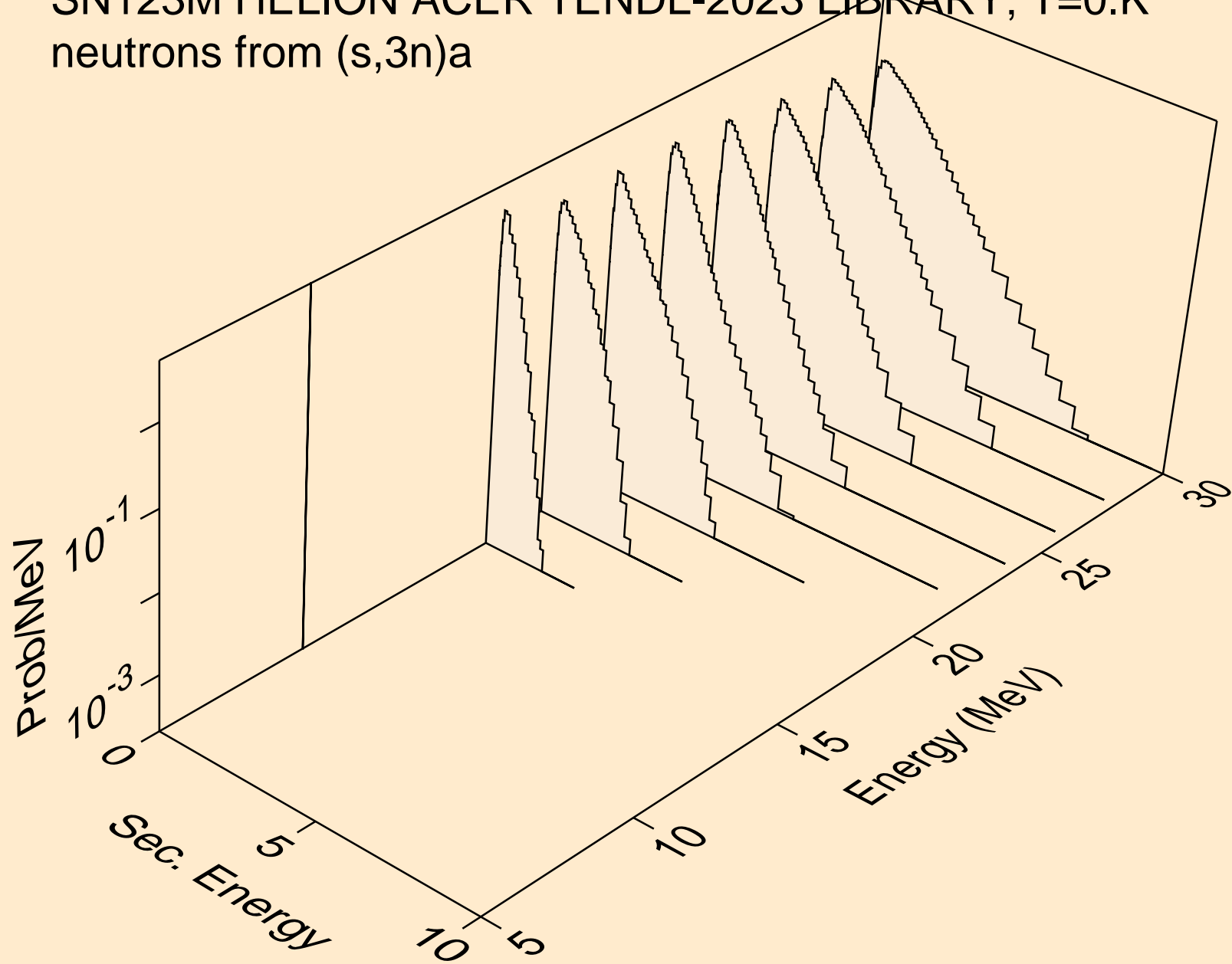


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

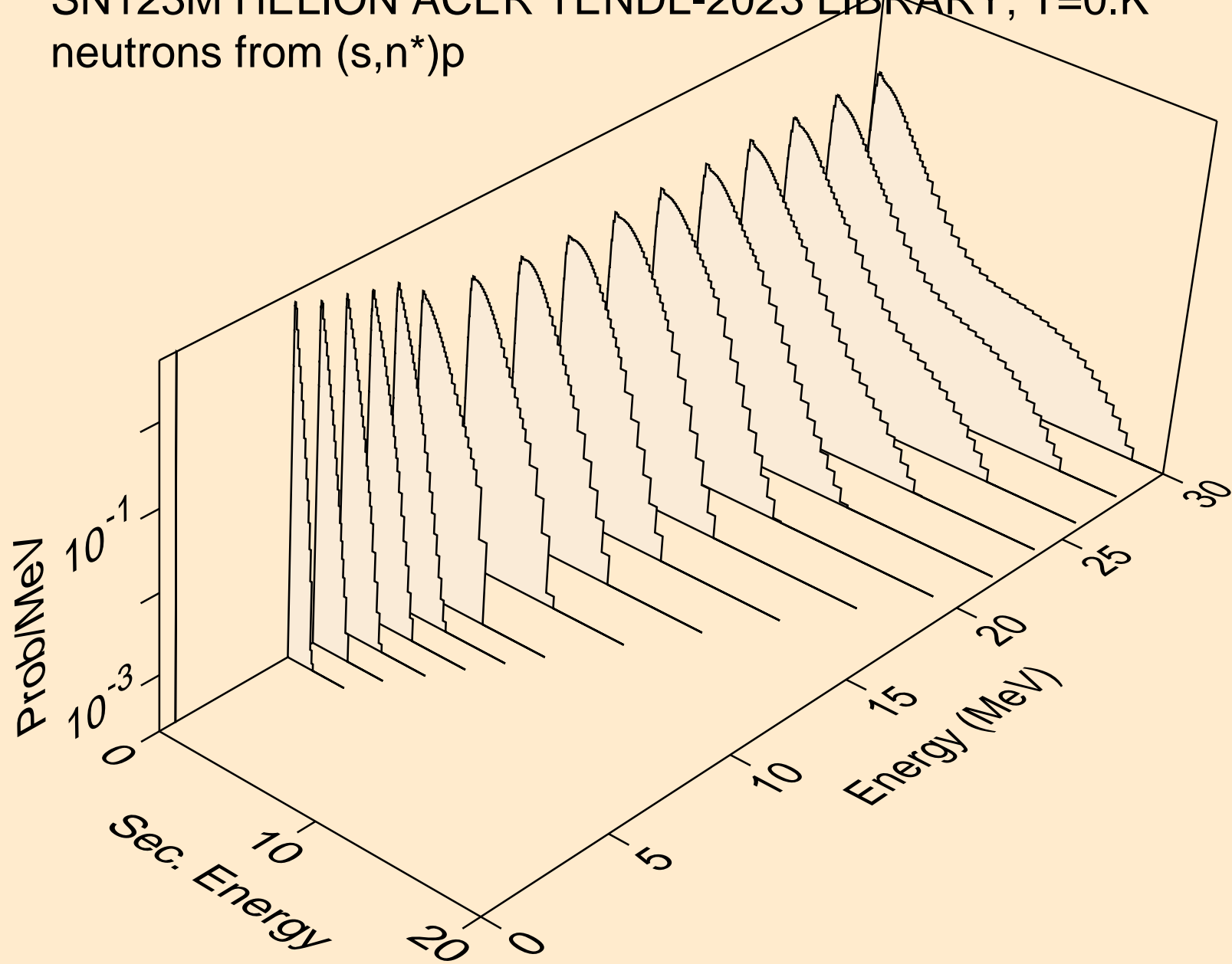




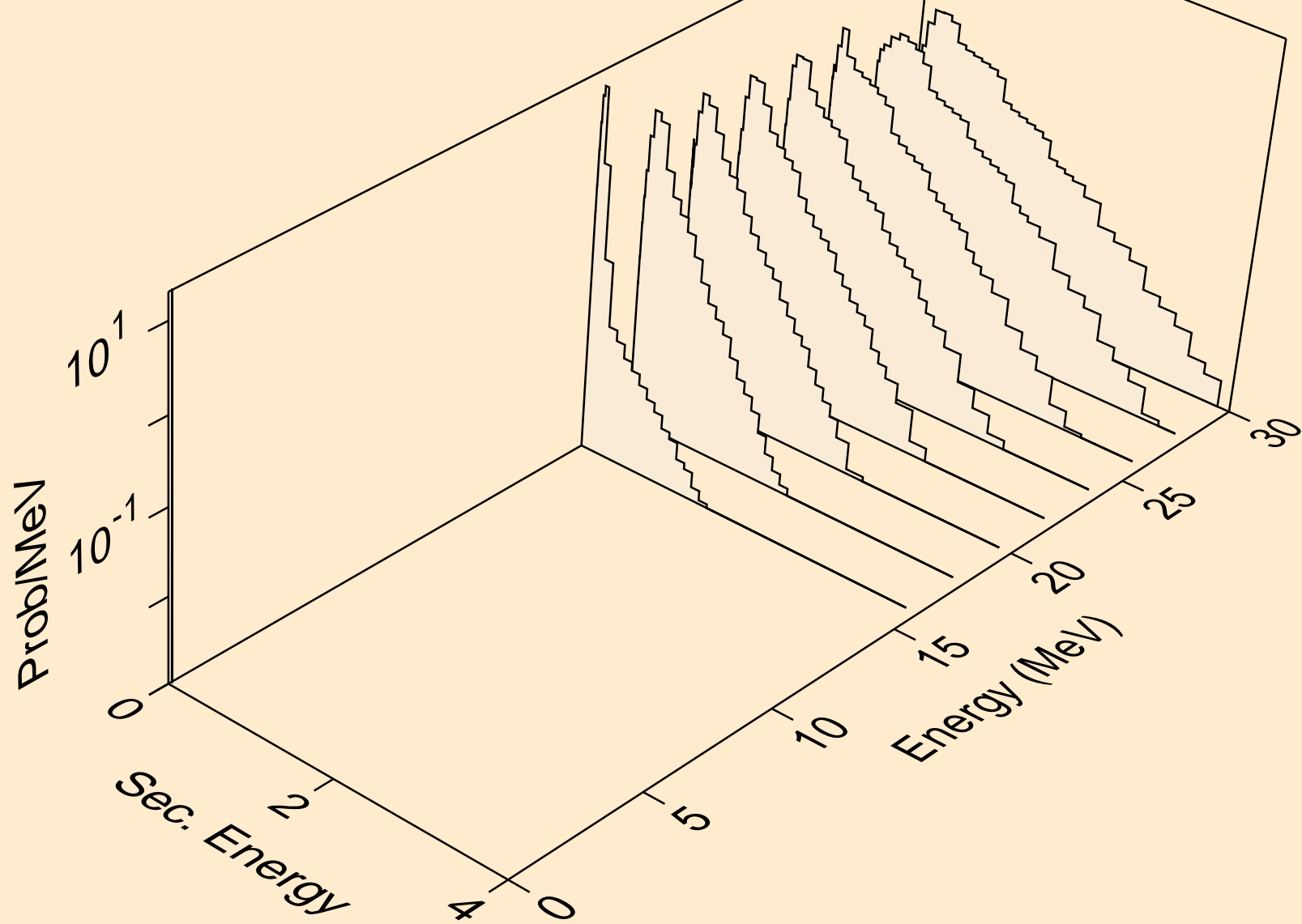
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



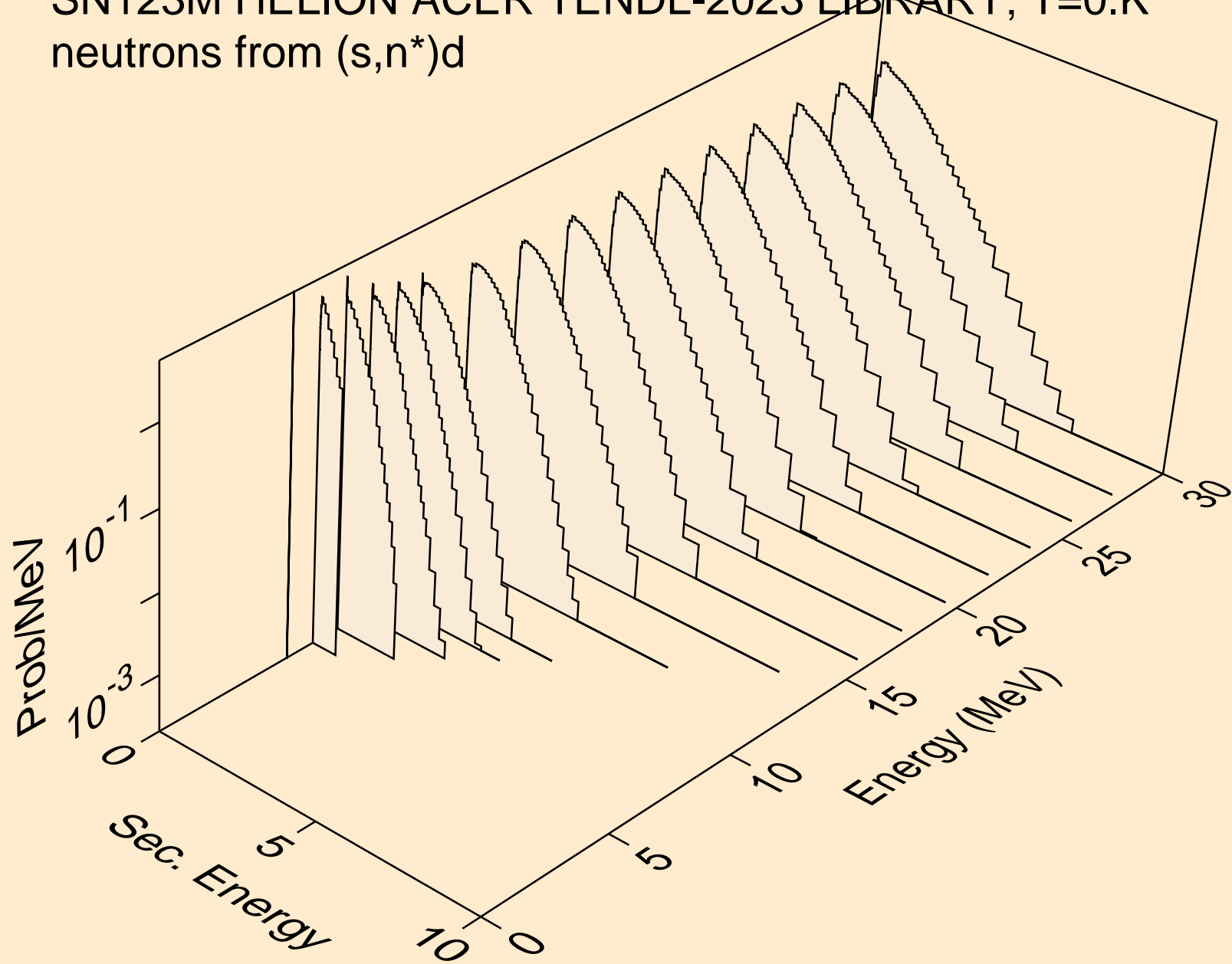
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



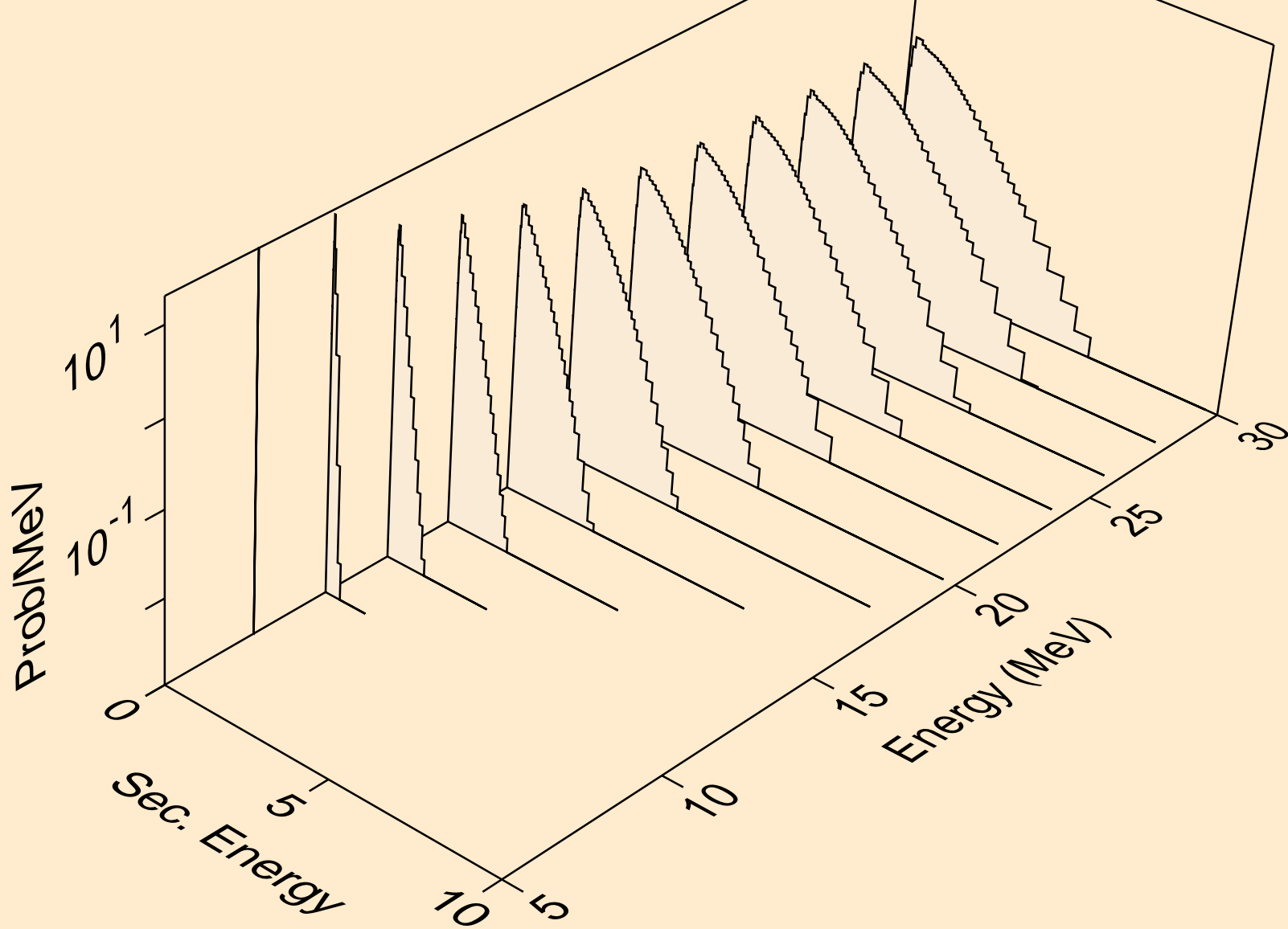
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



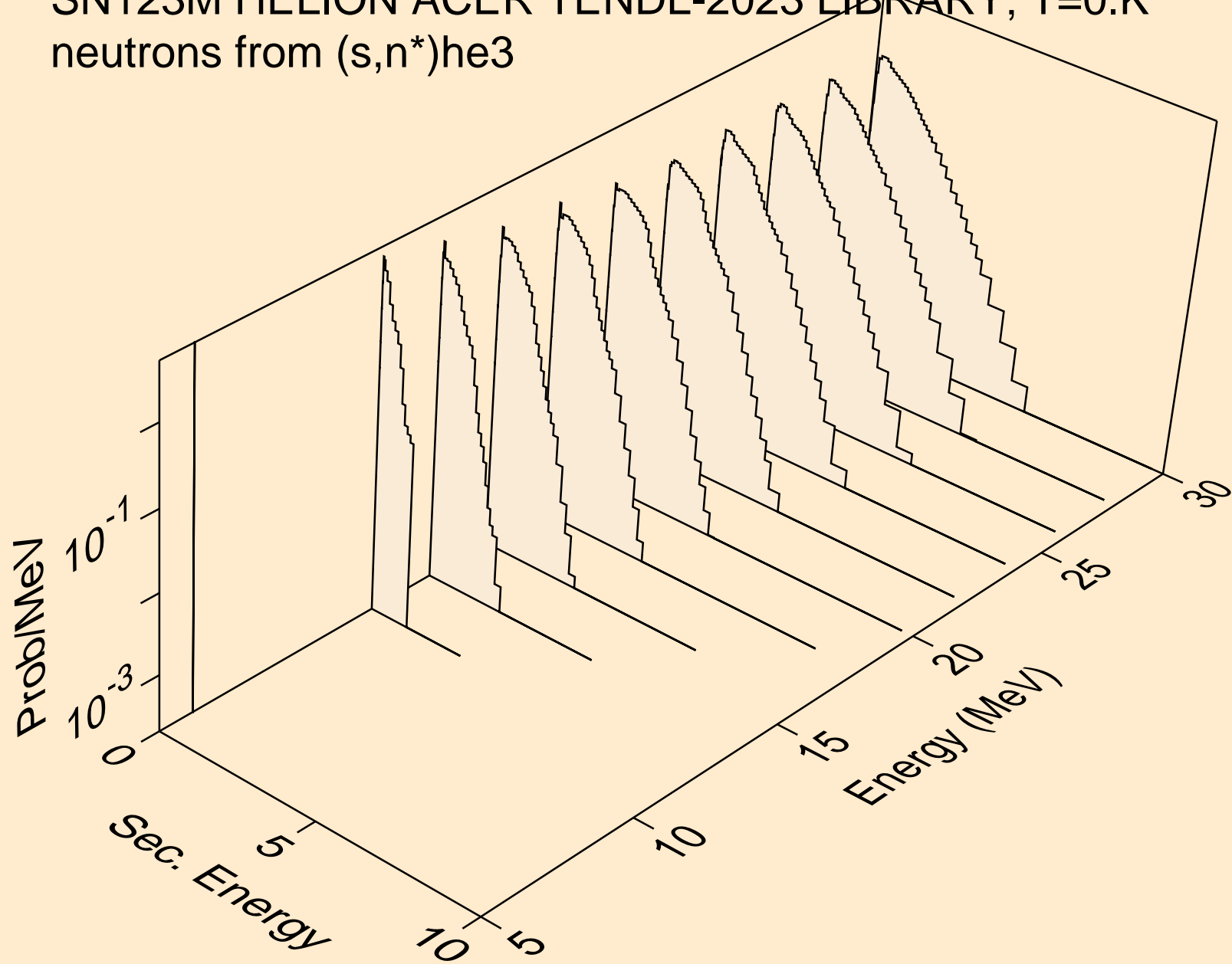
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



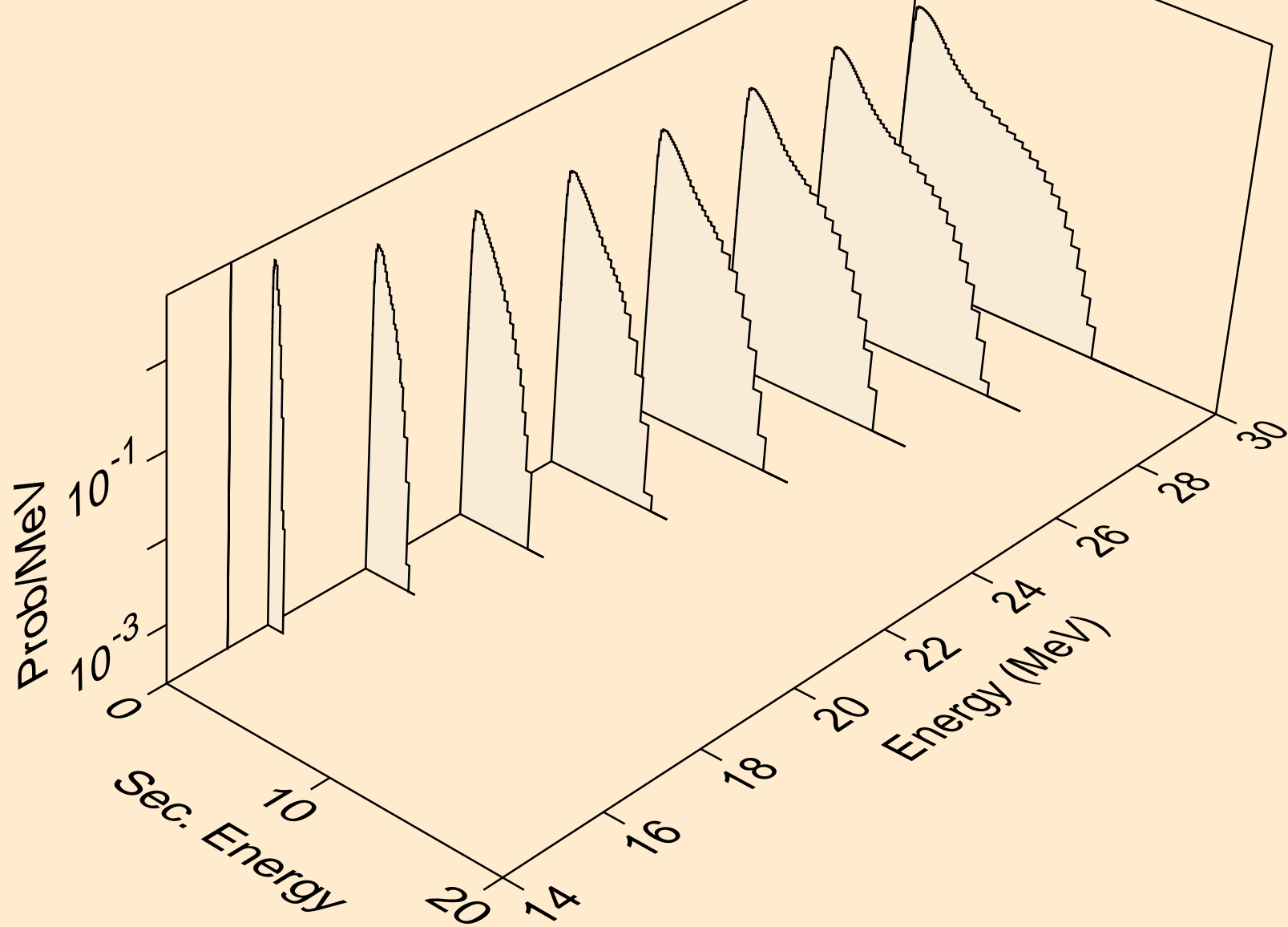
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



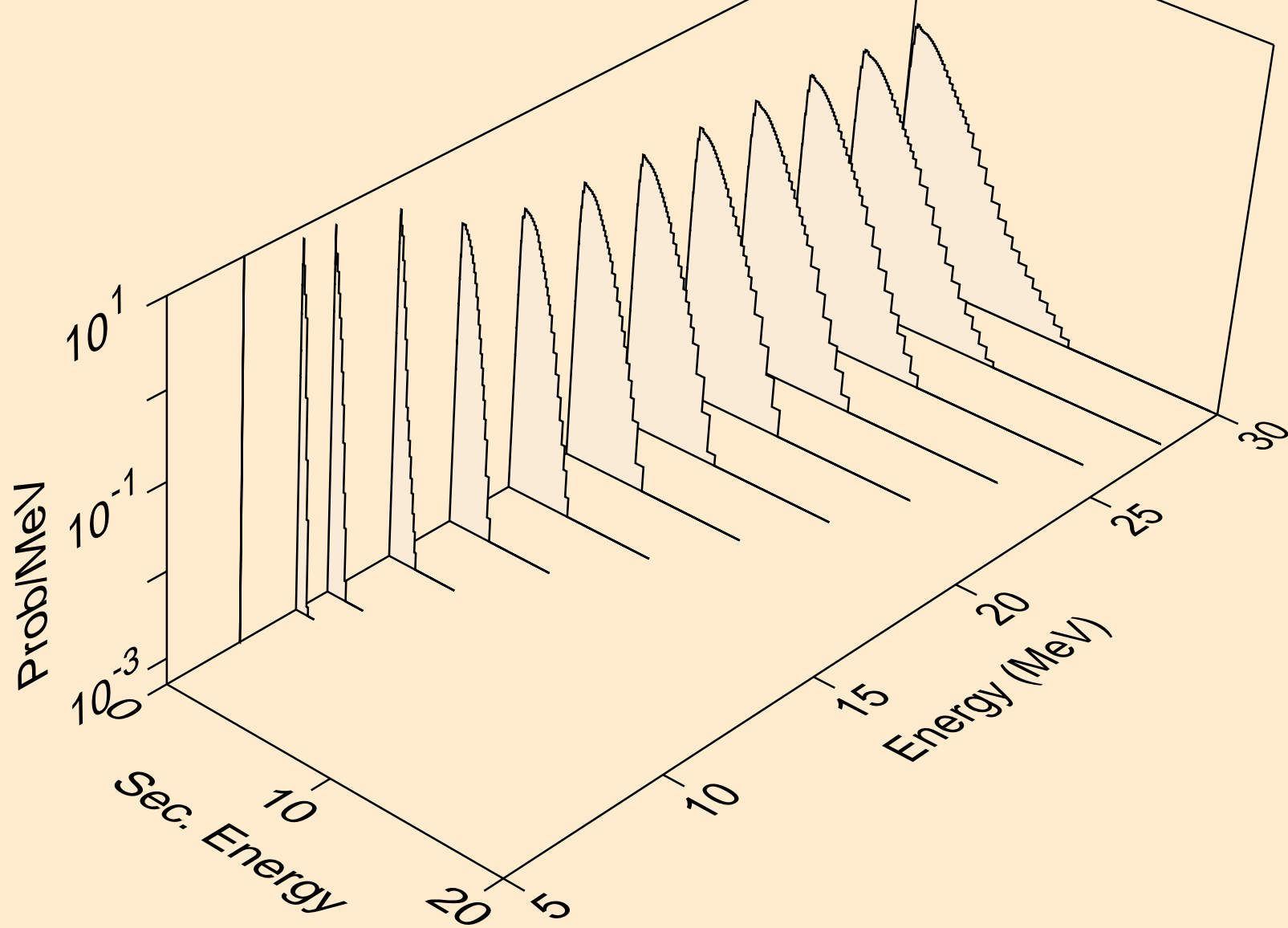
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

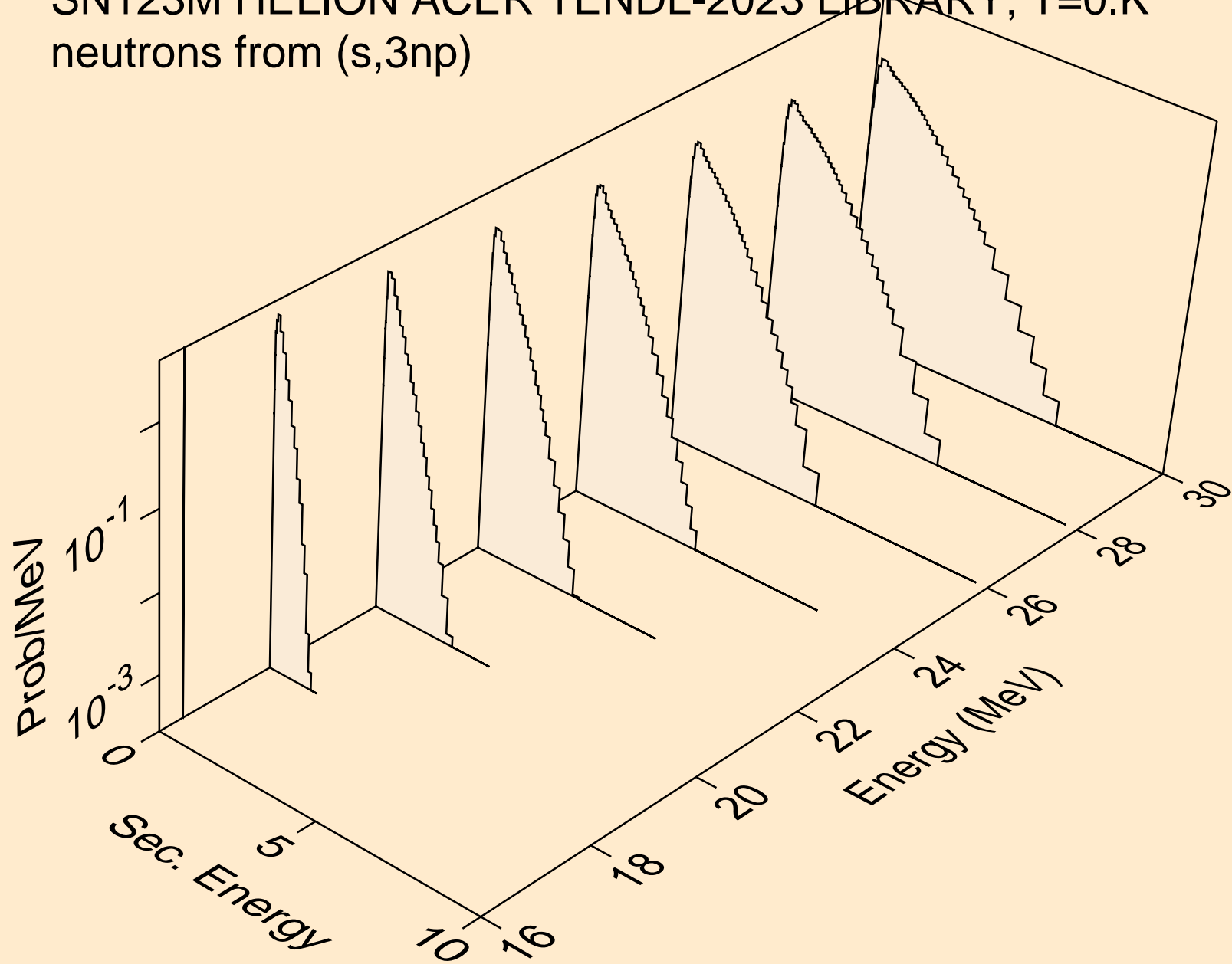


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

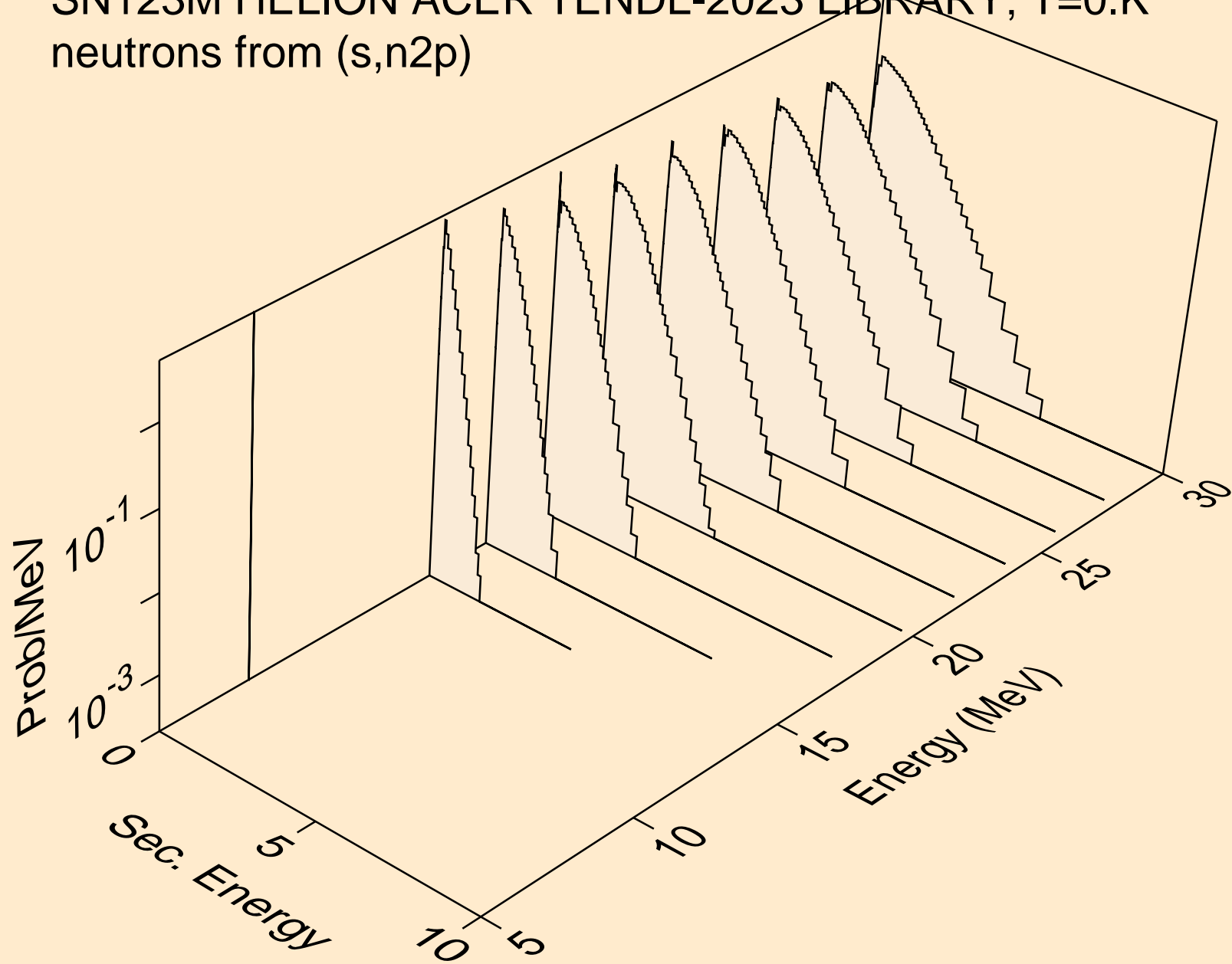




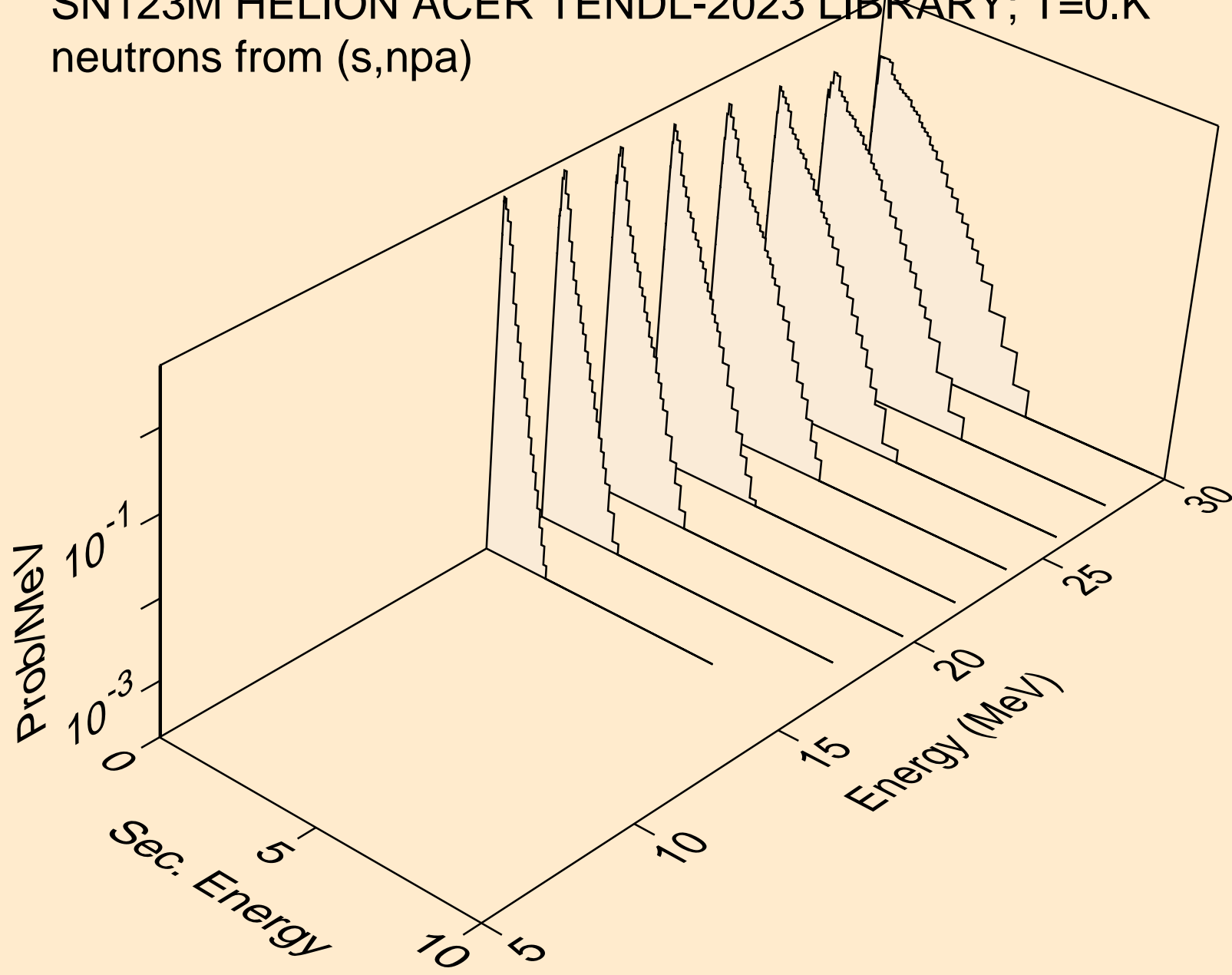
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



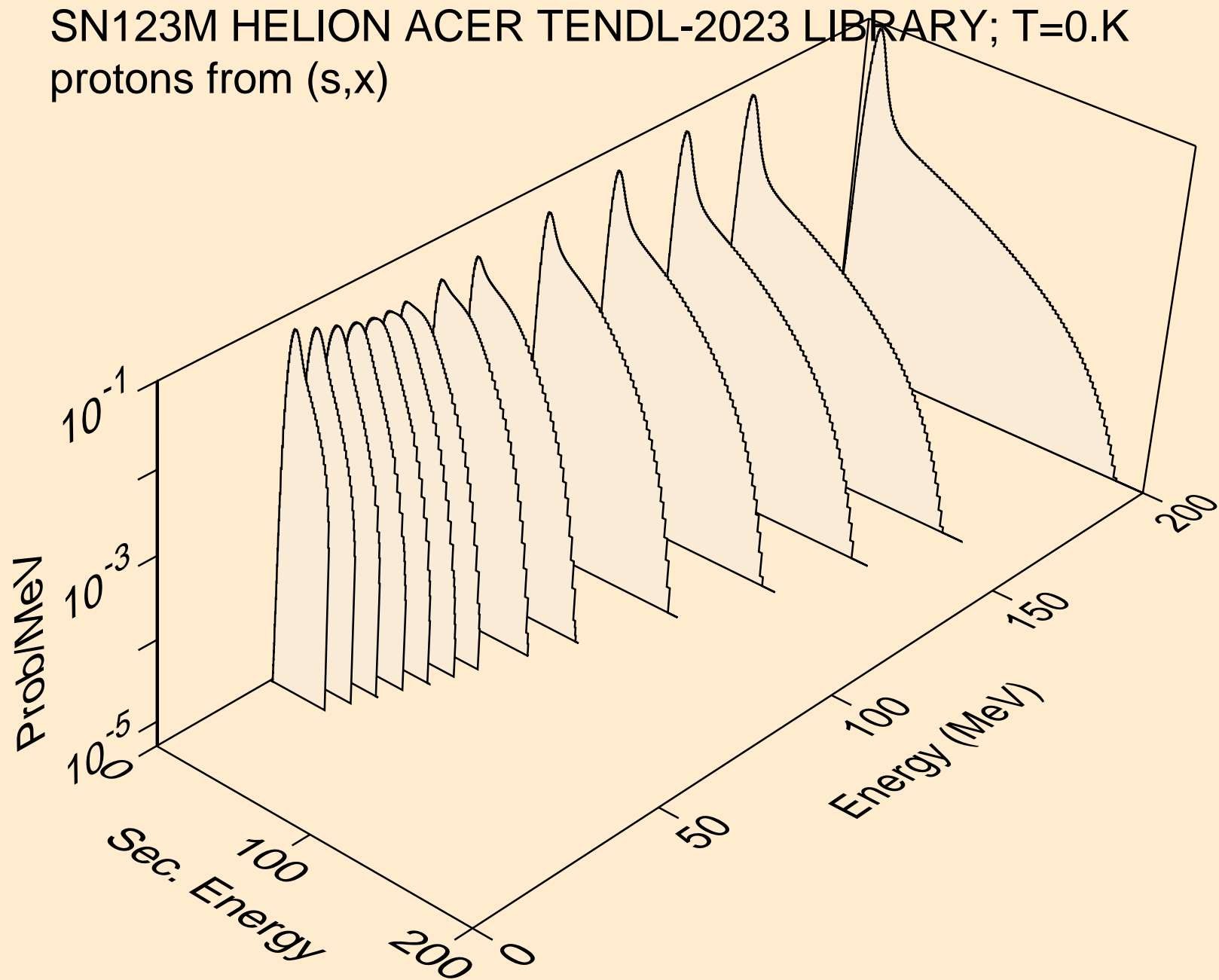
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



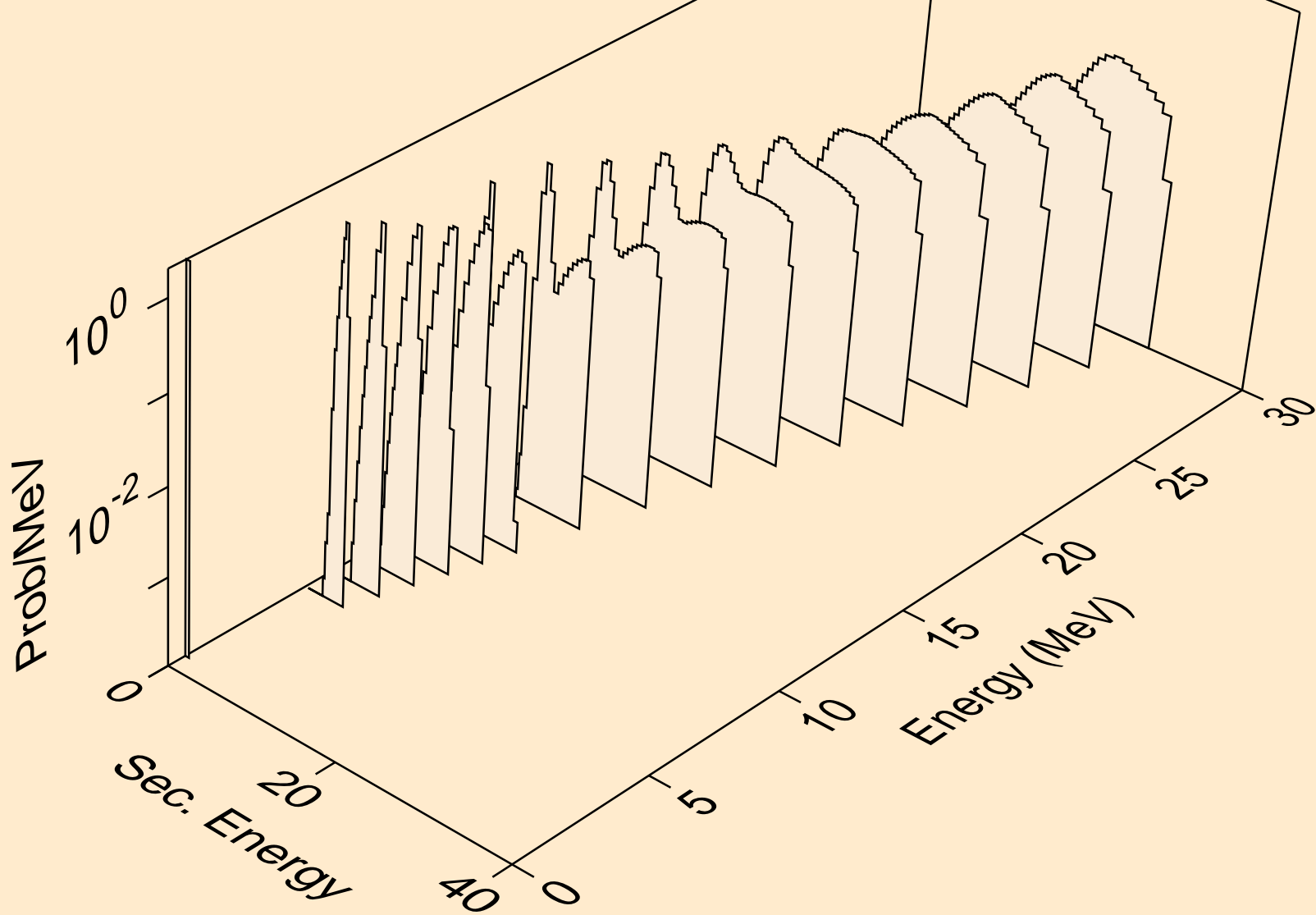
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



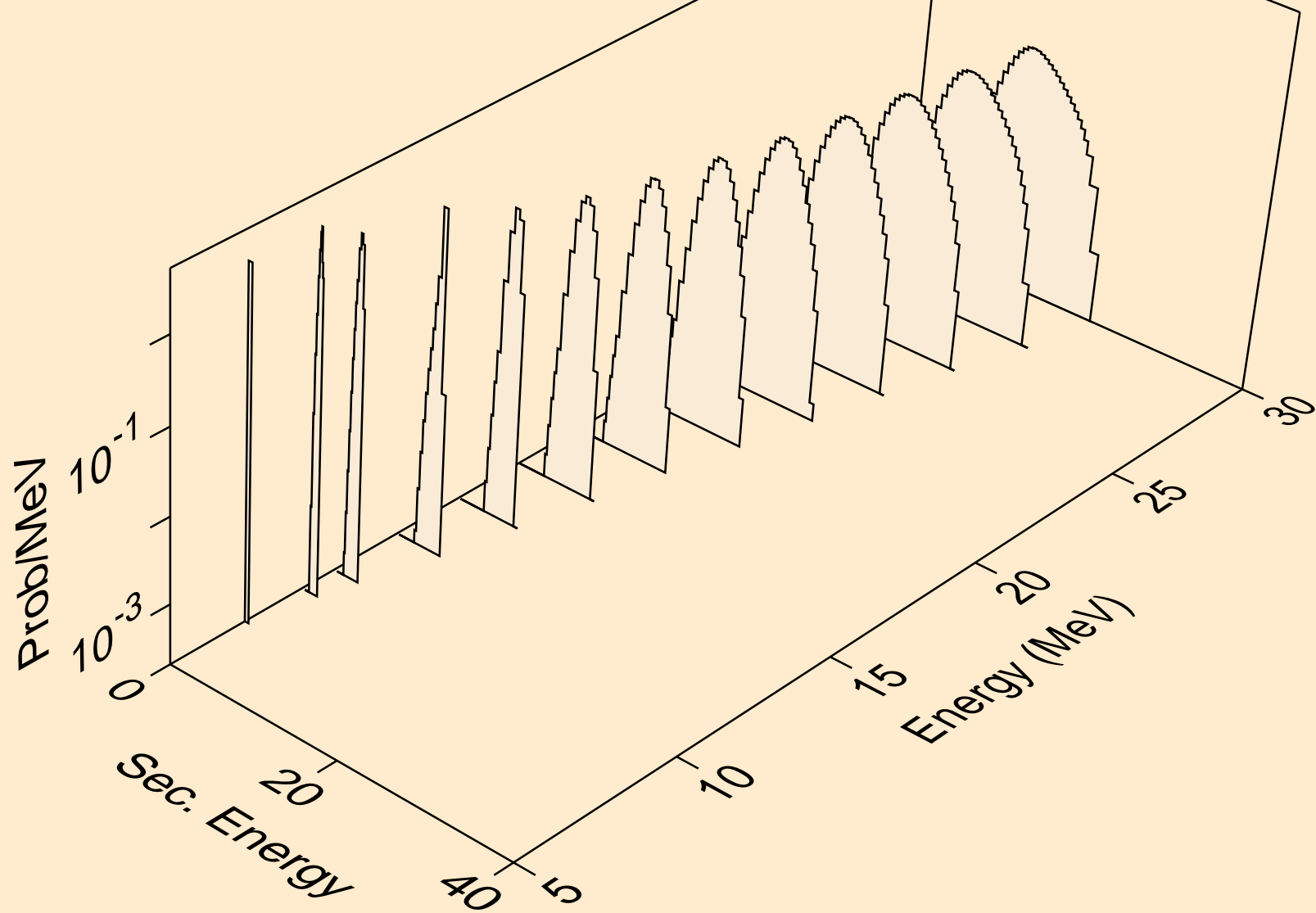
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



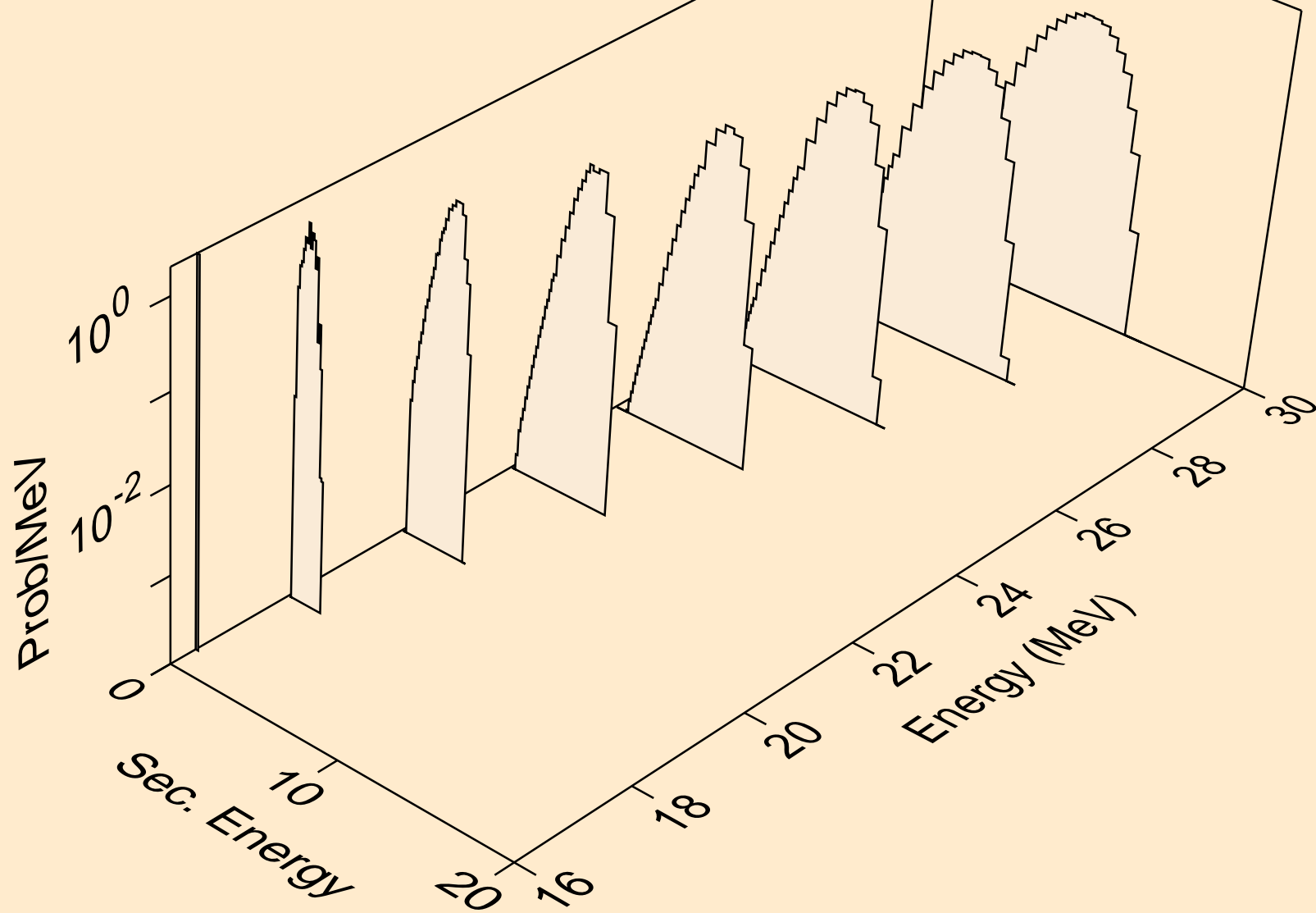
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



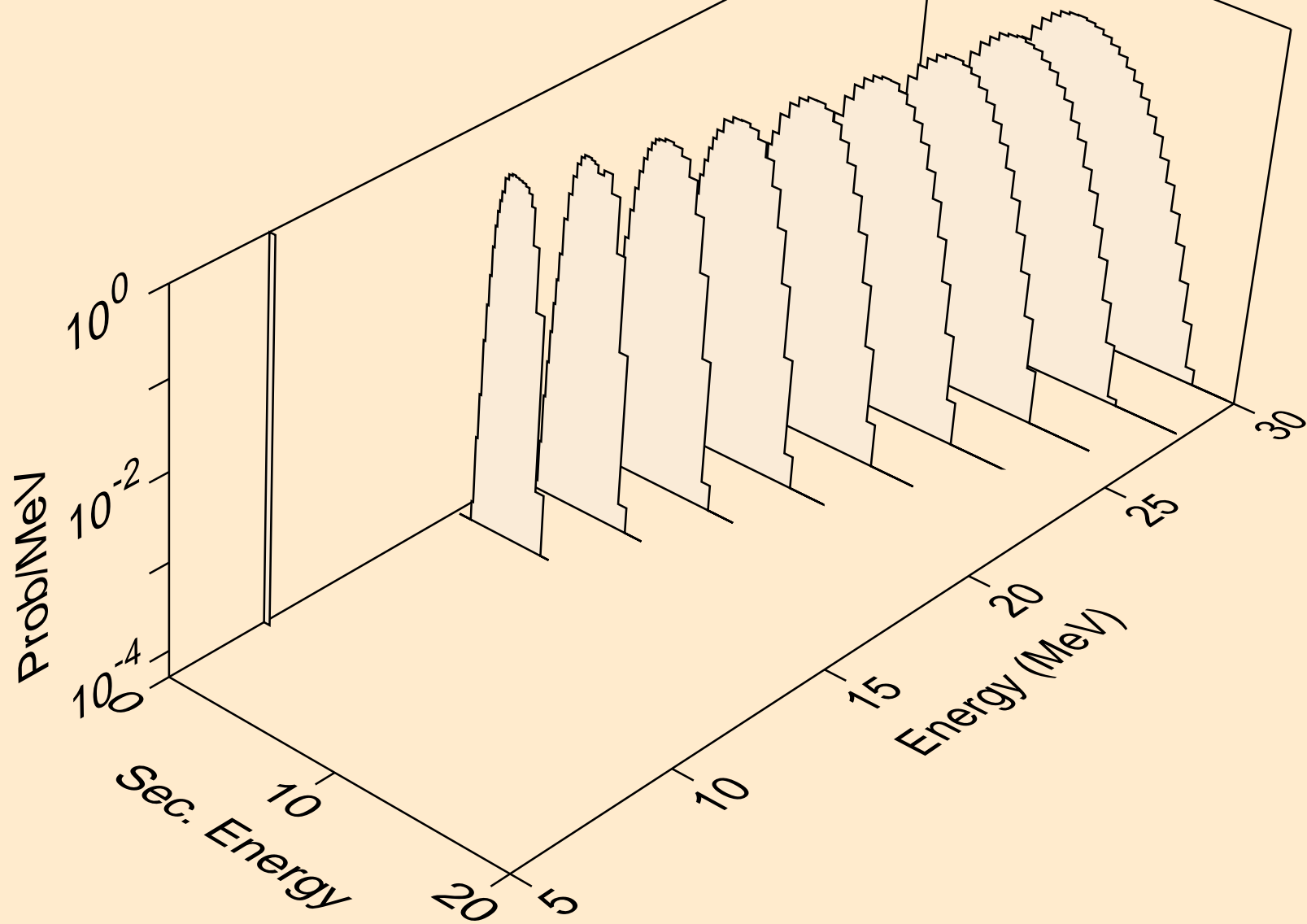
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)

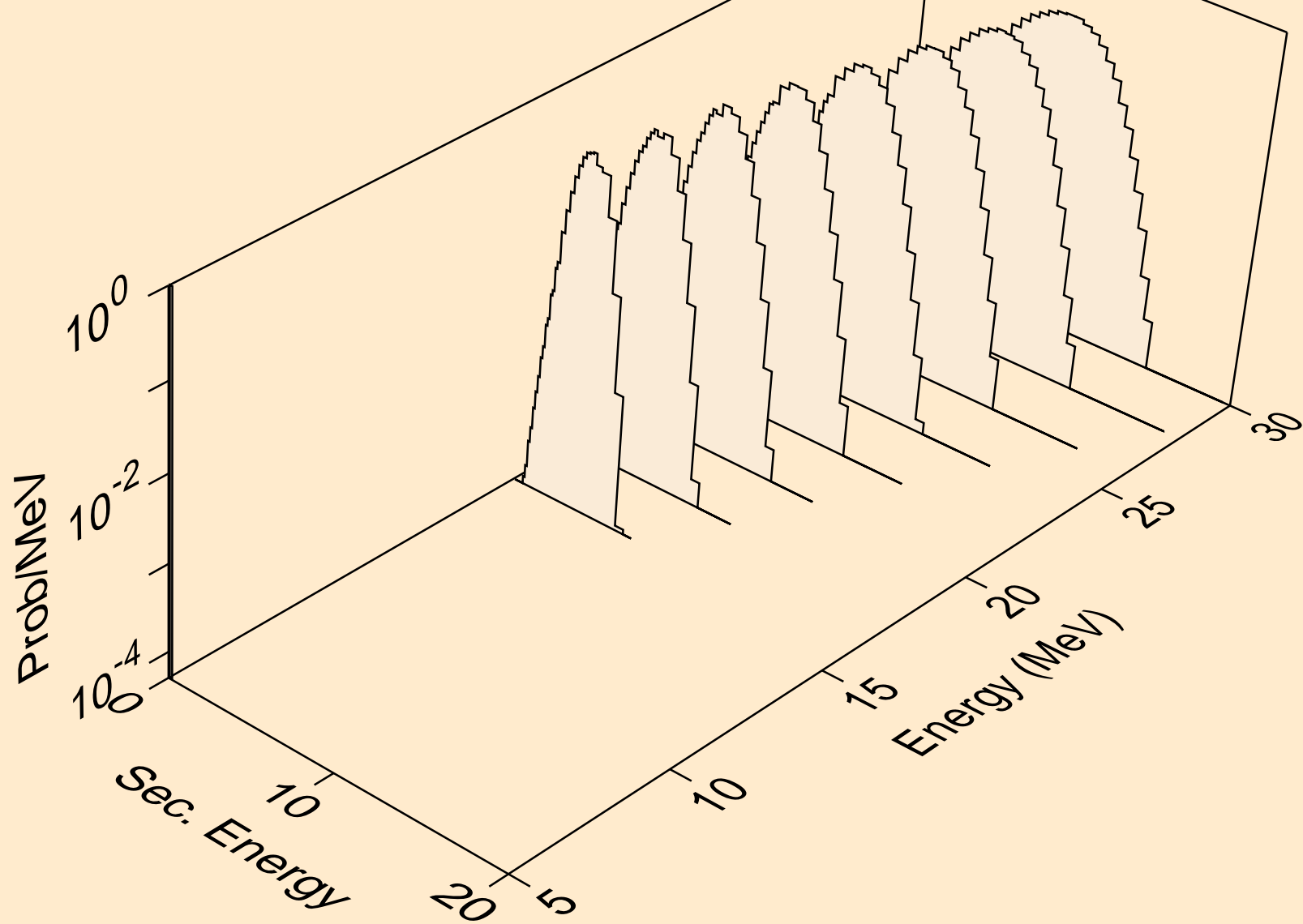


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

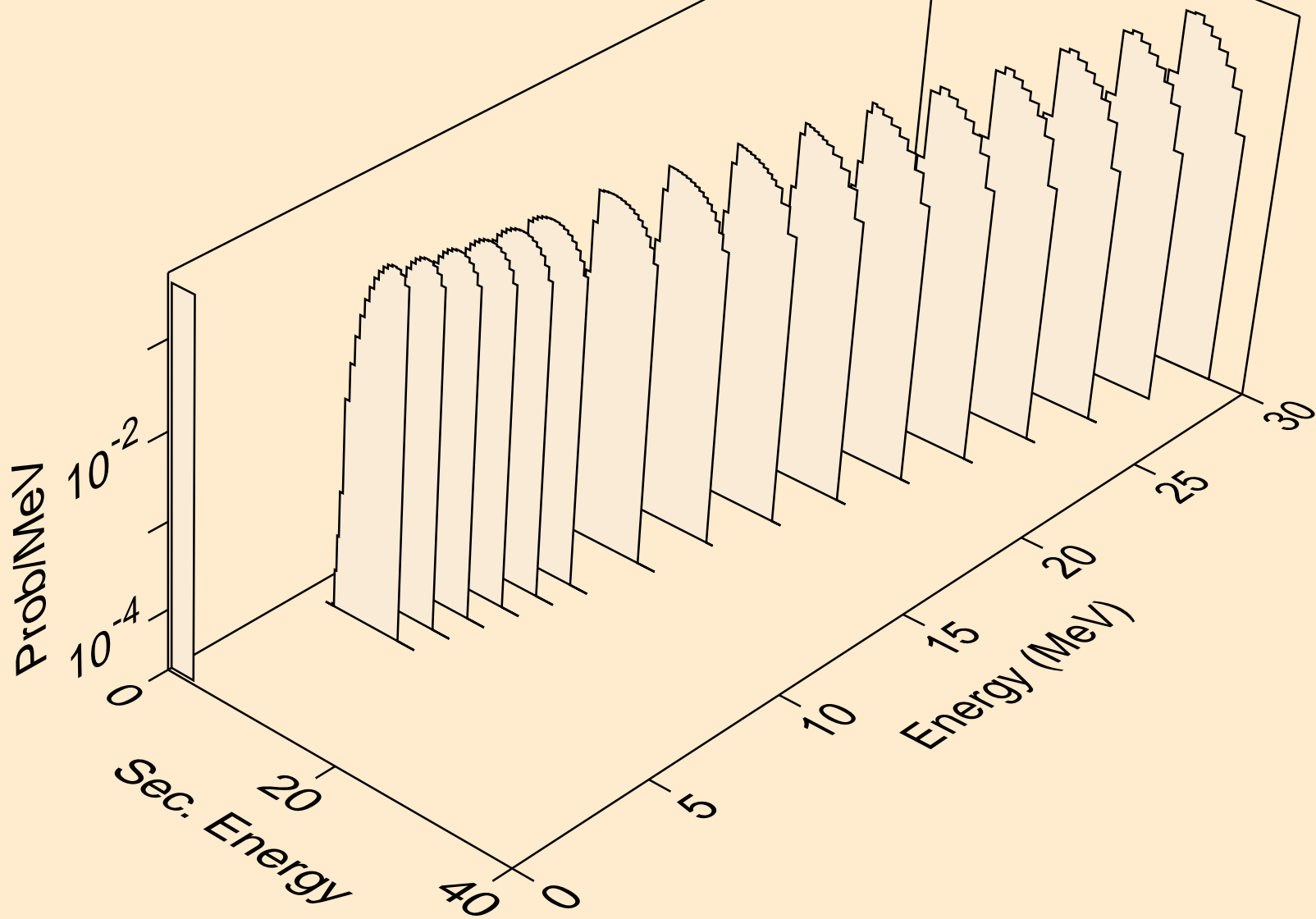




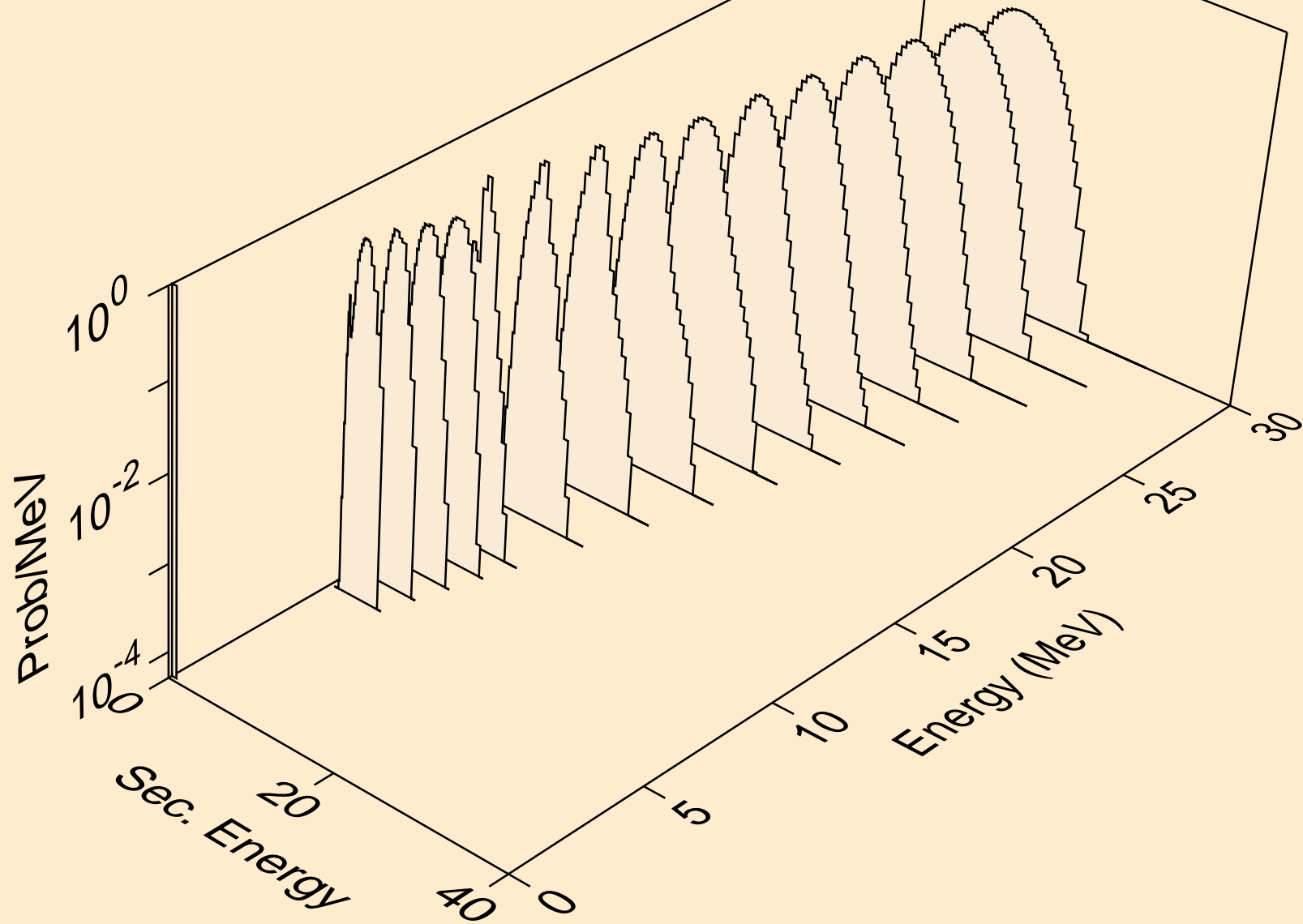
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



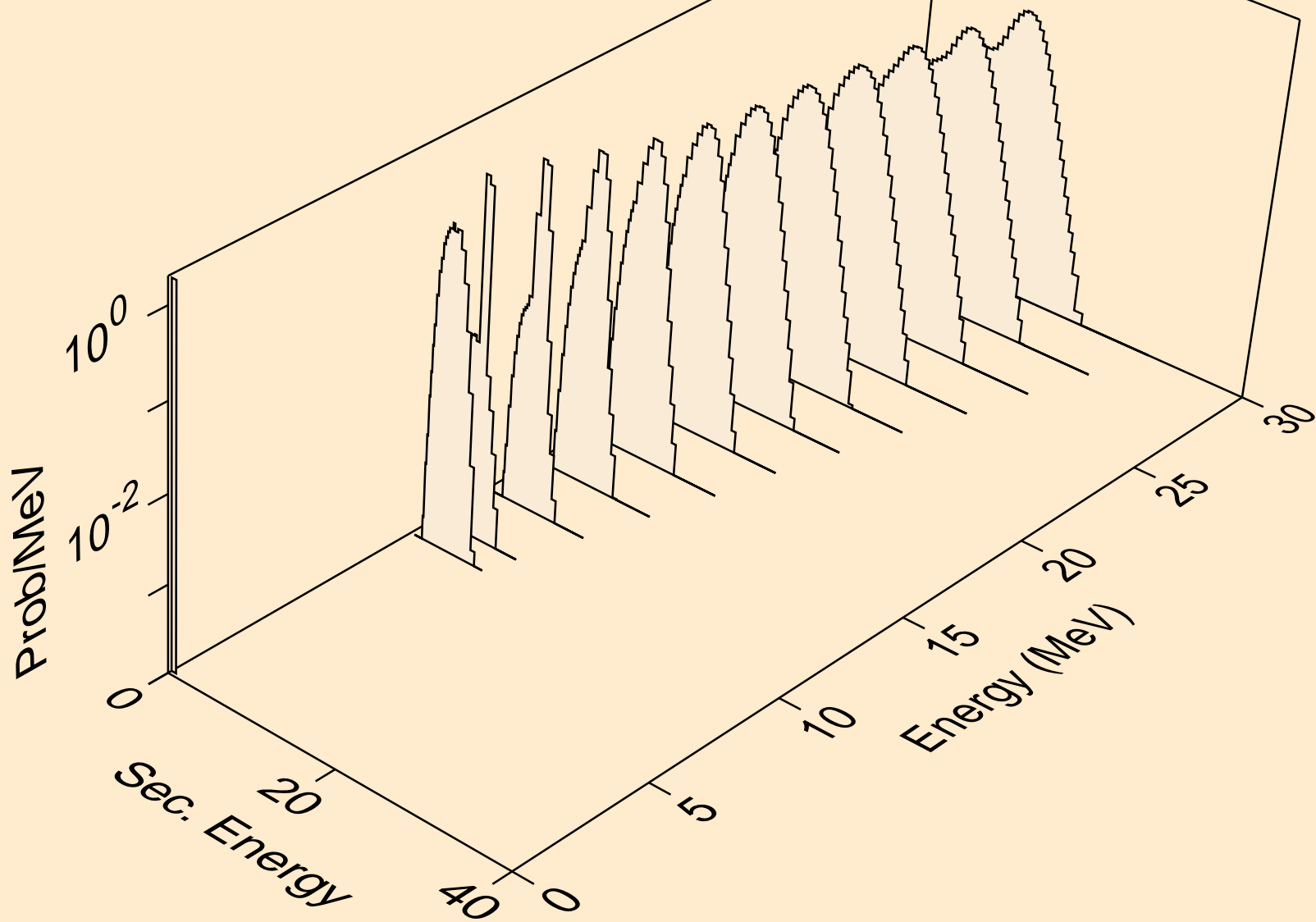
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



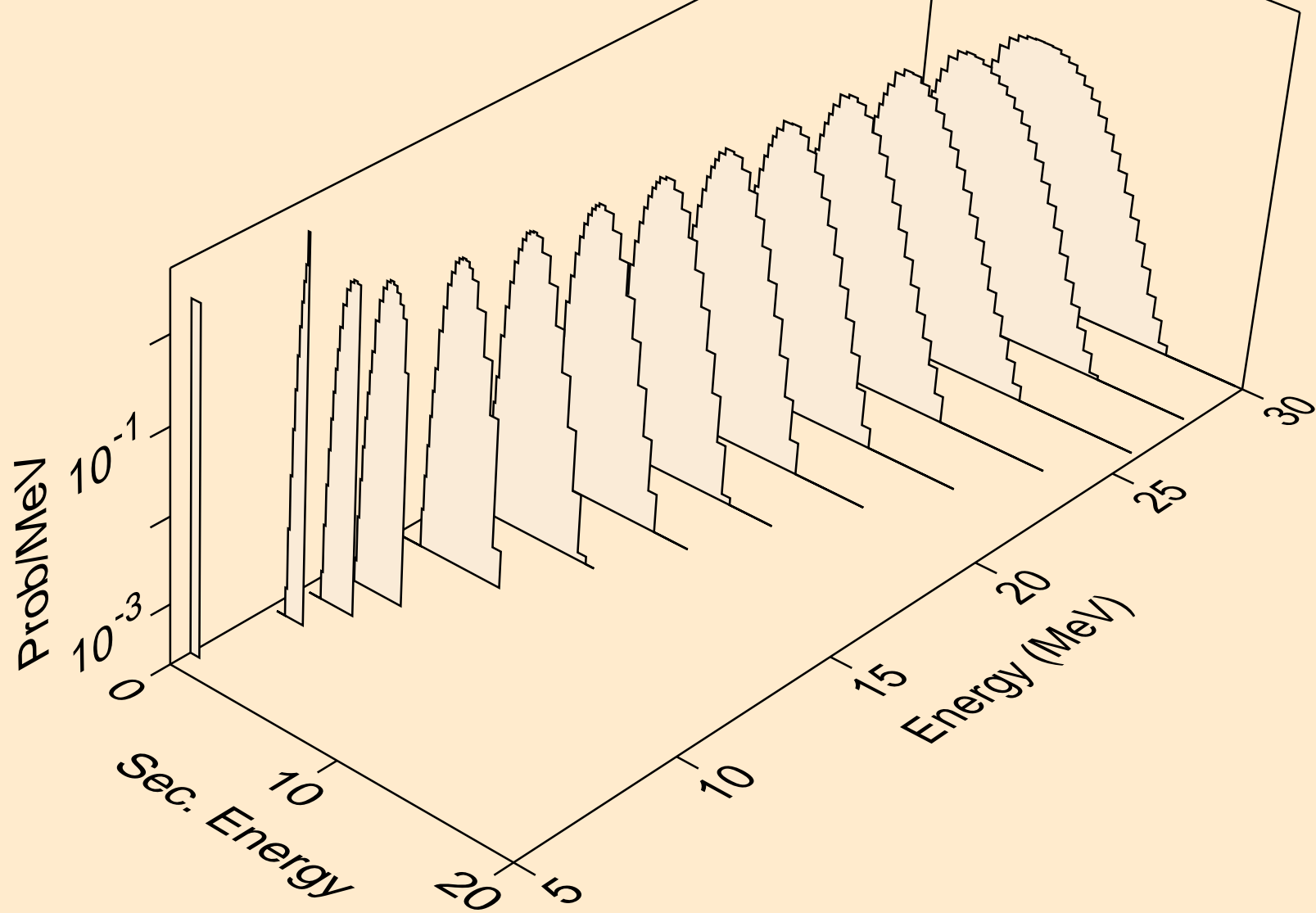
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



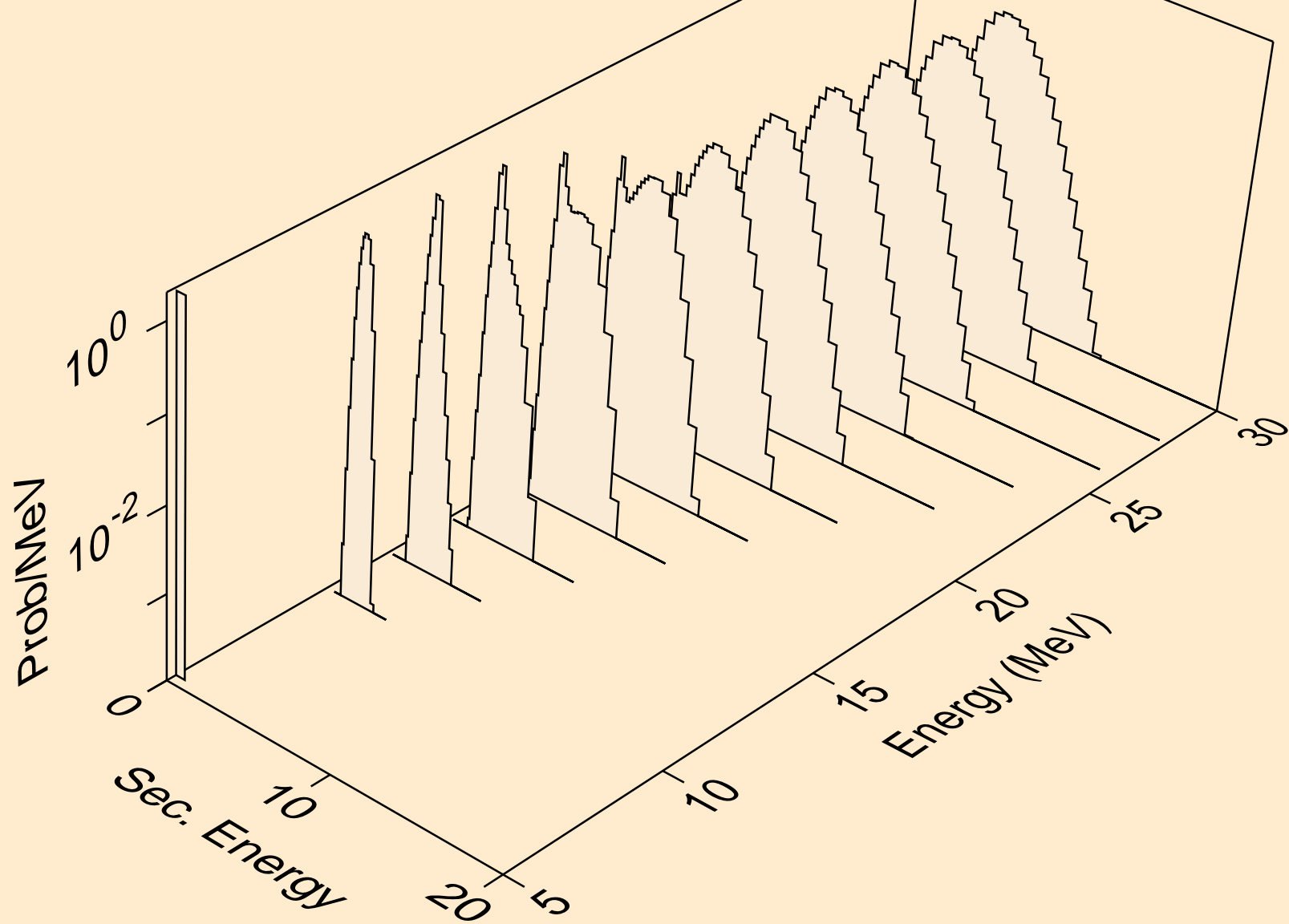
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



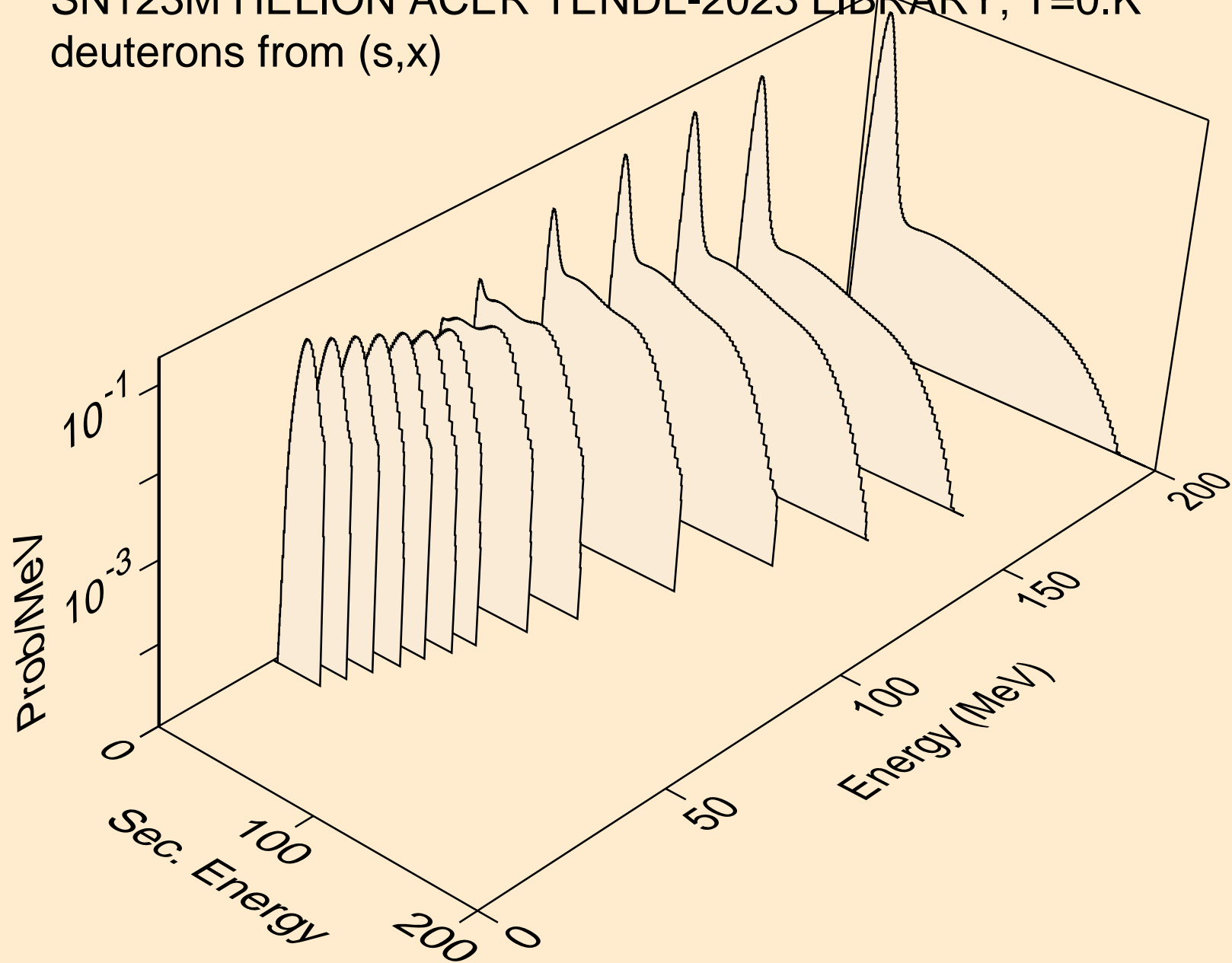
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



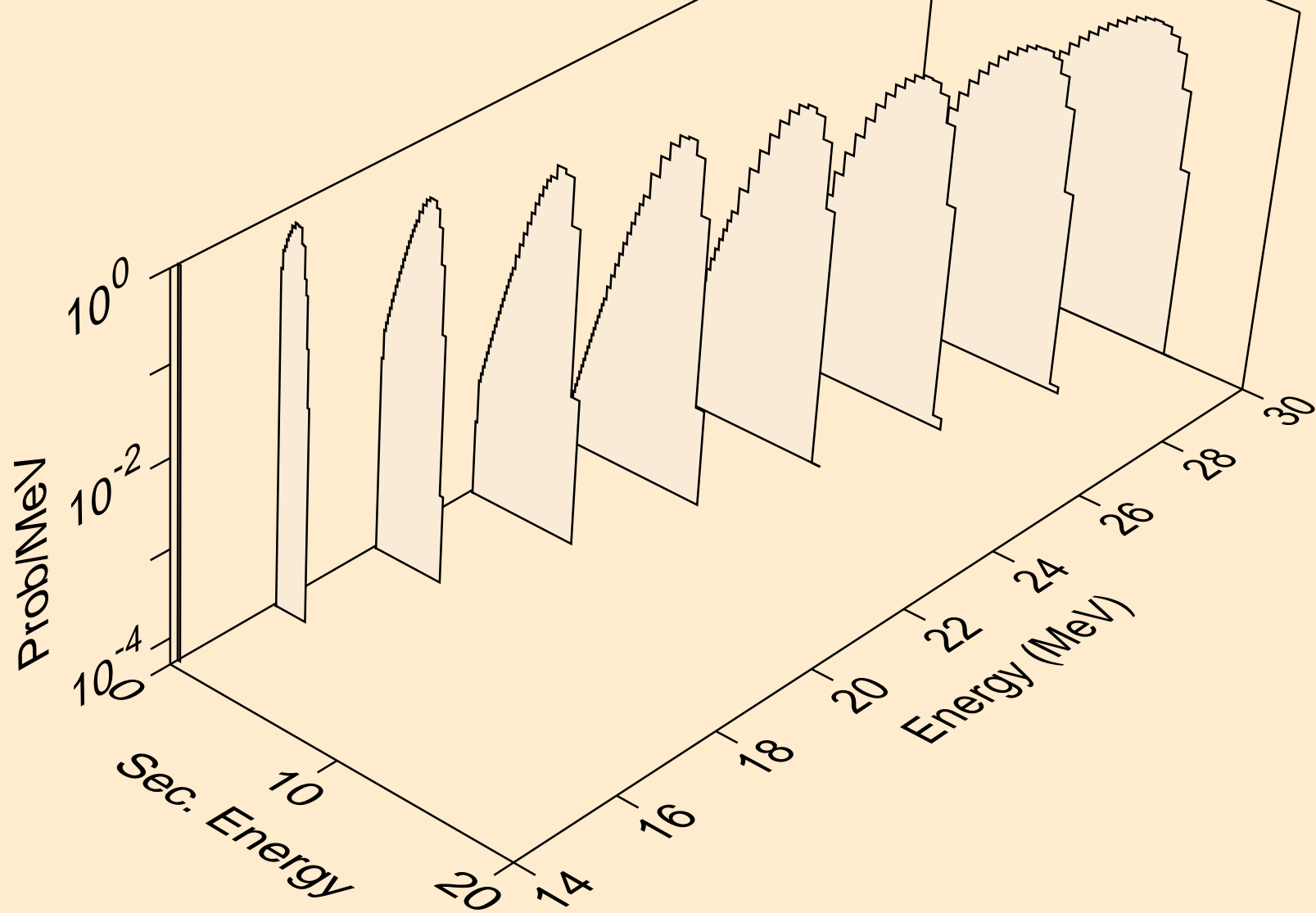
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

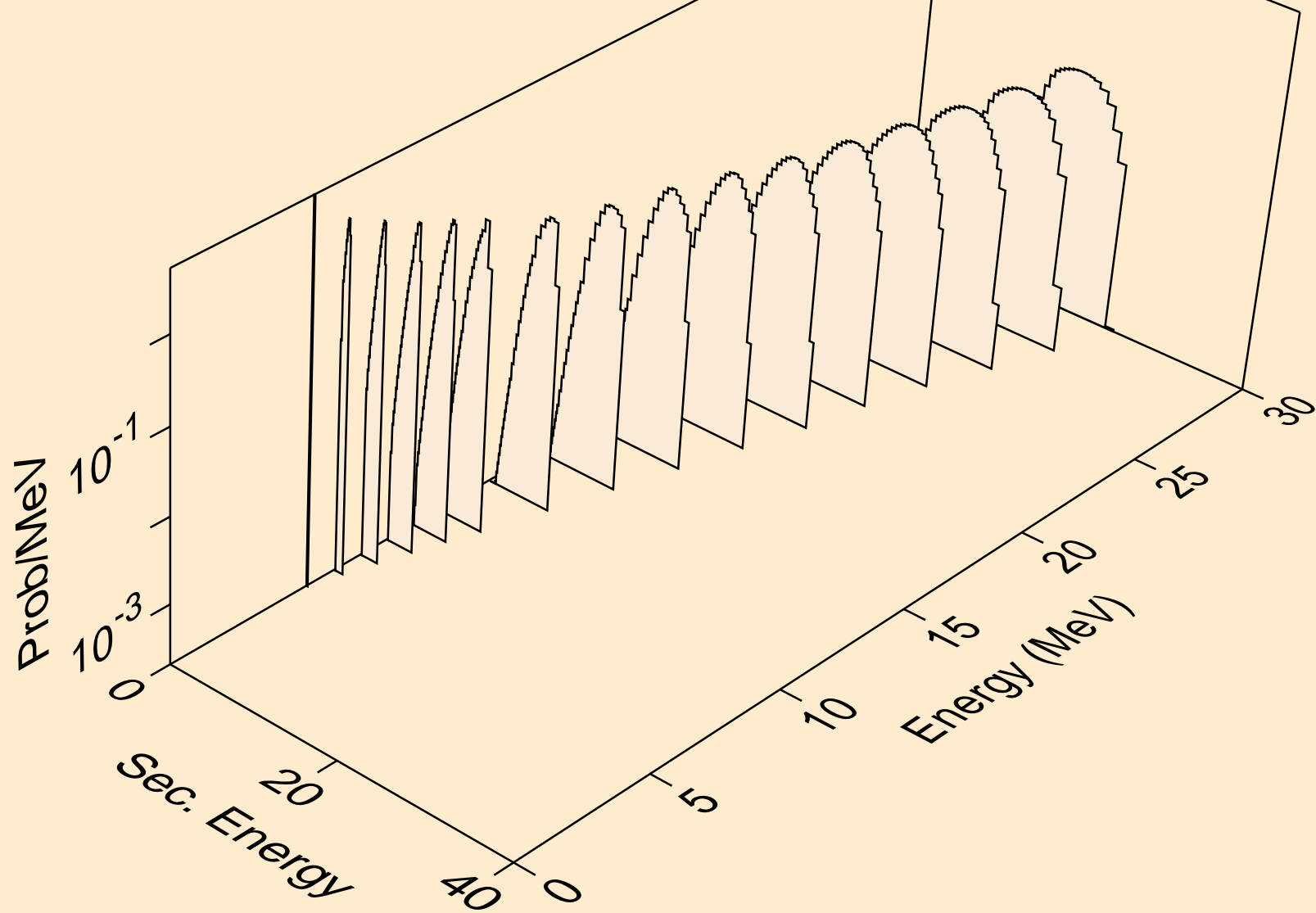


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)

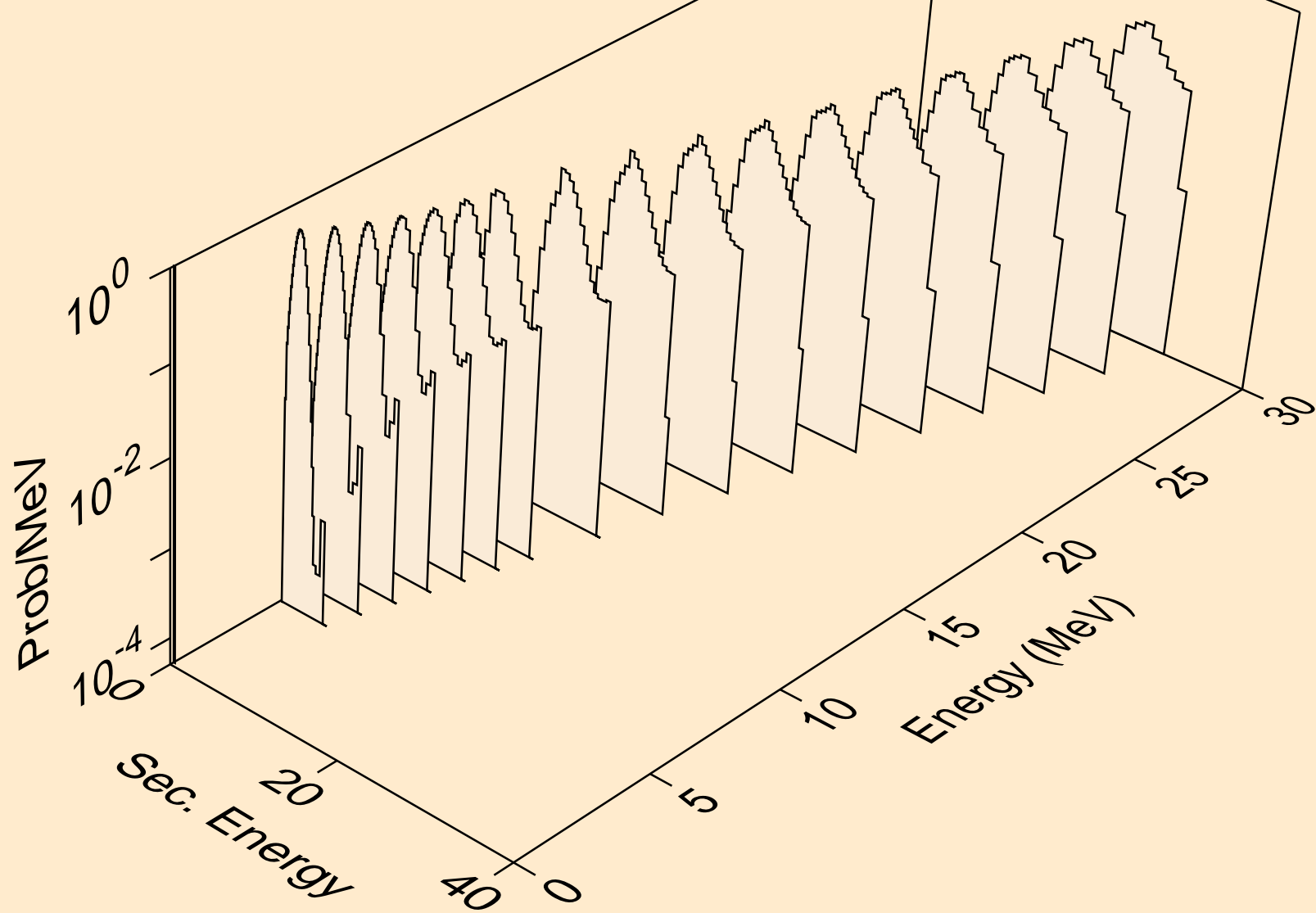




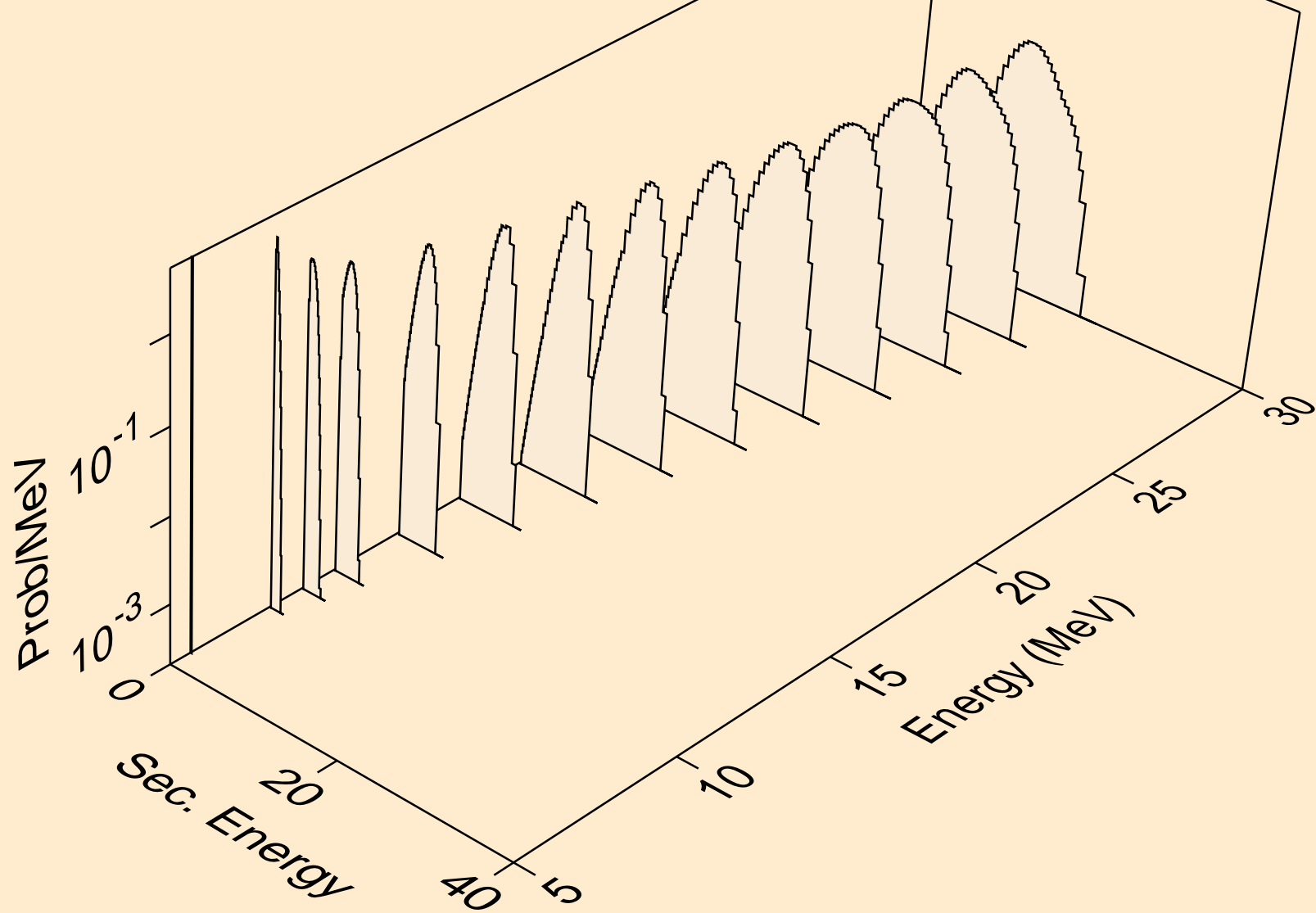
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



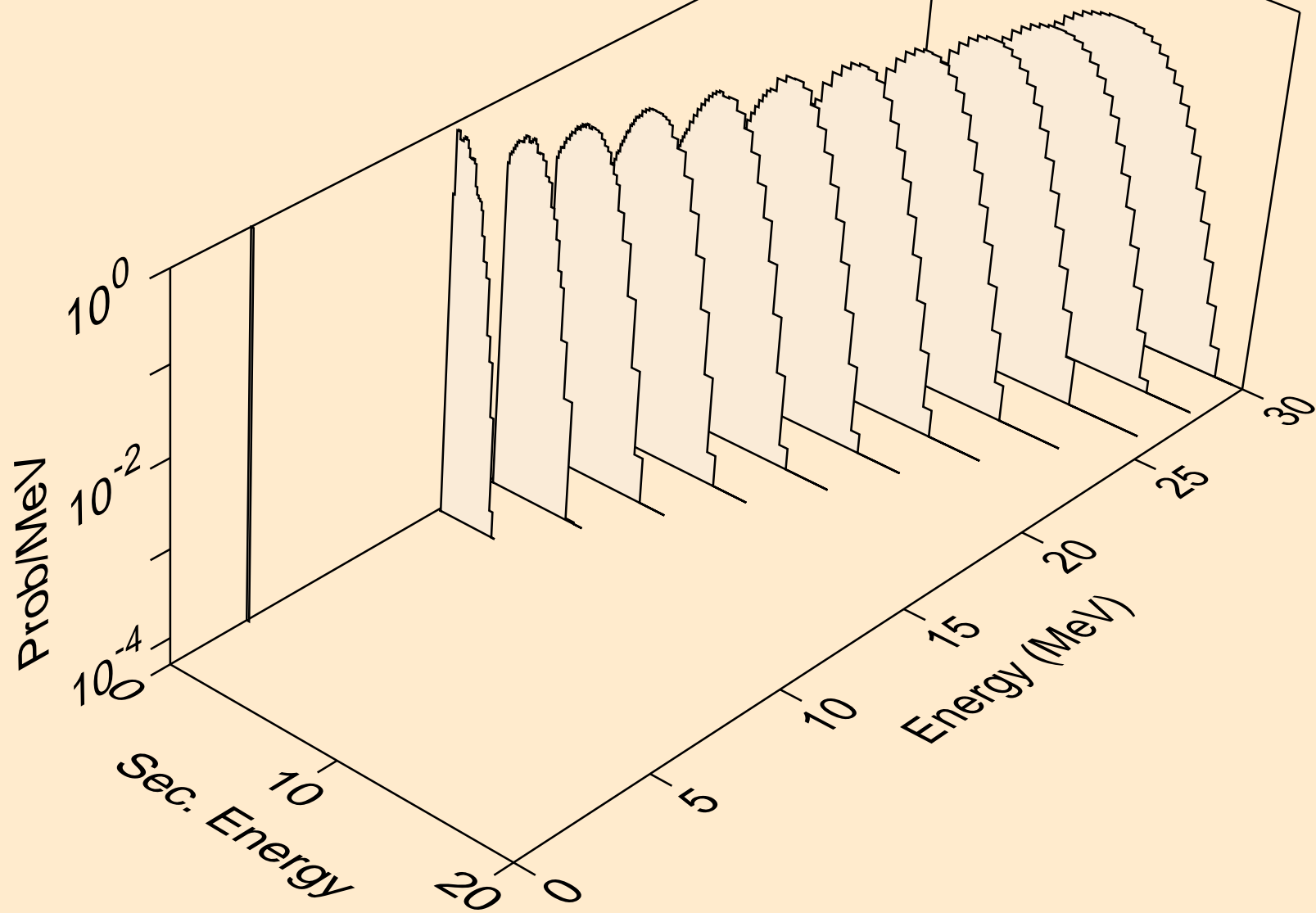
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



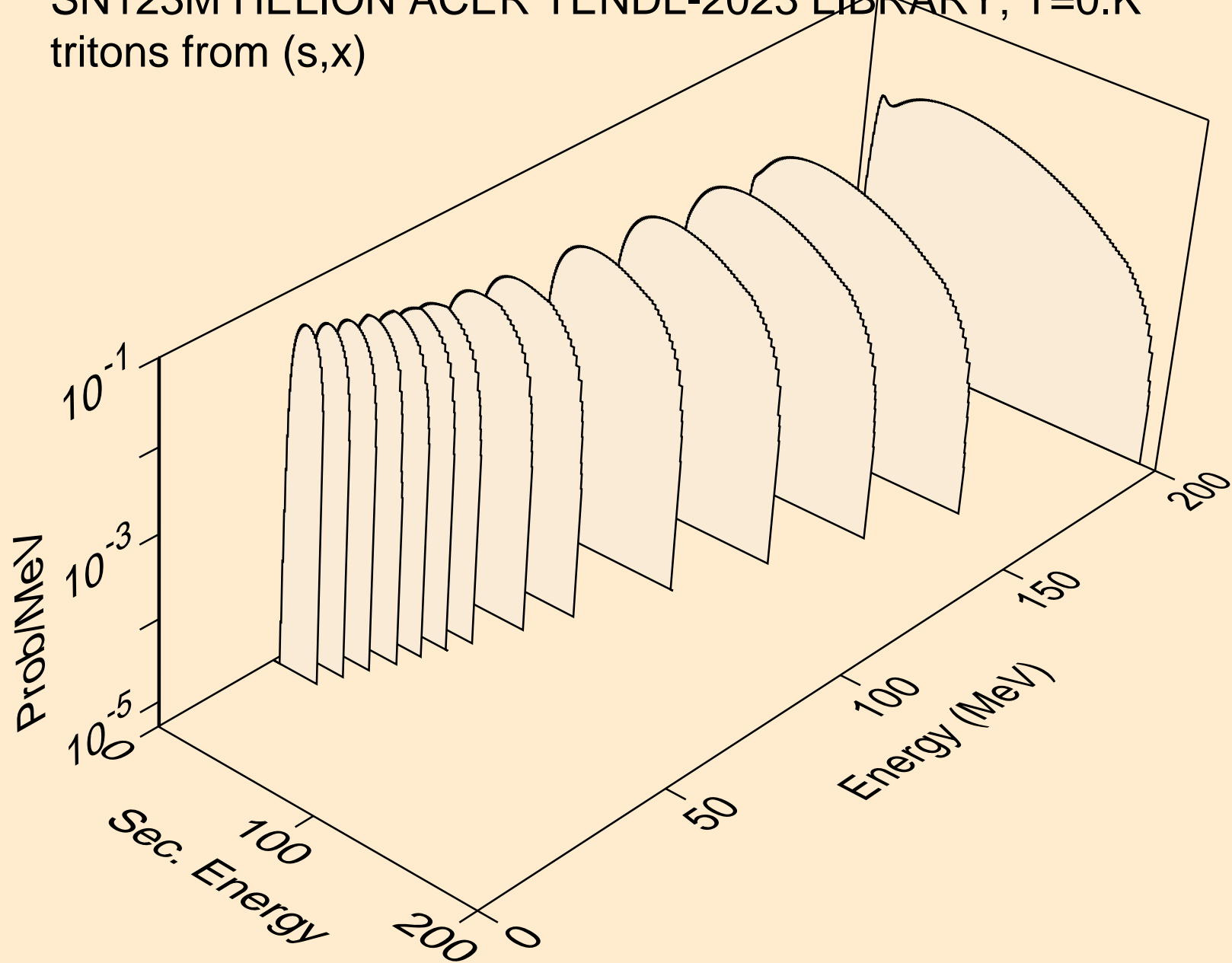
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



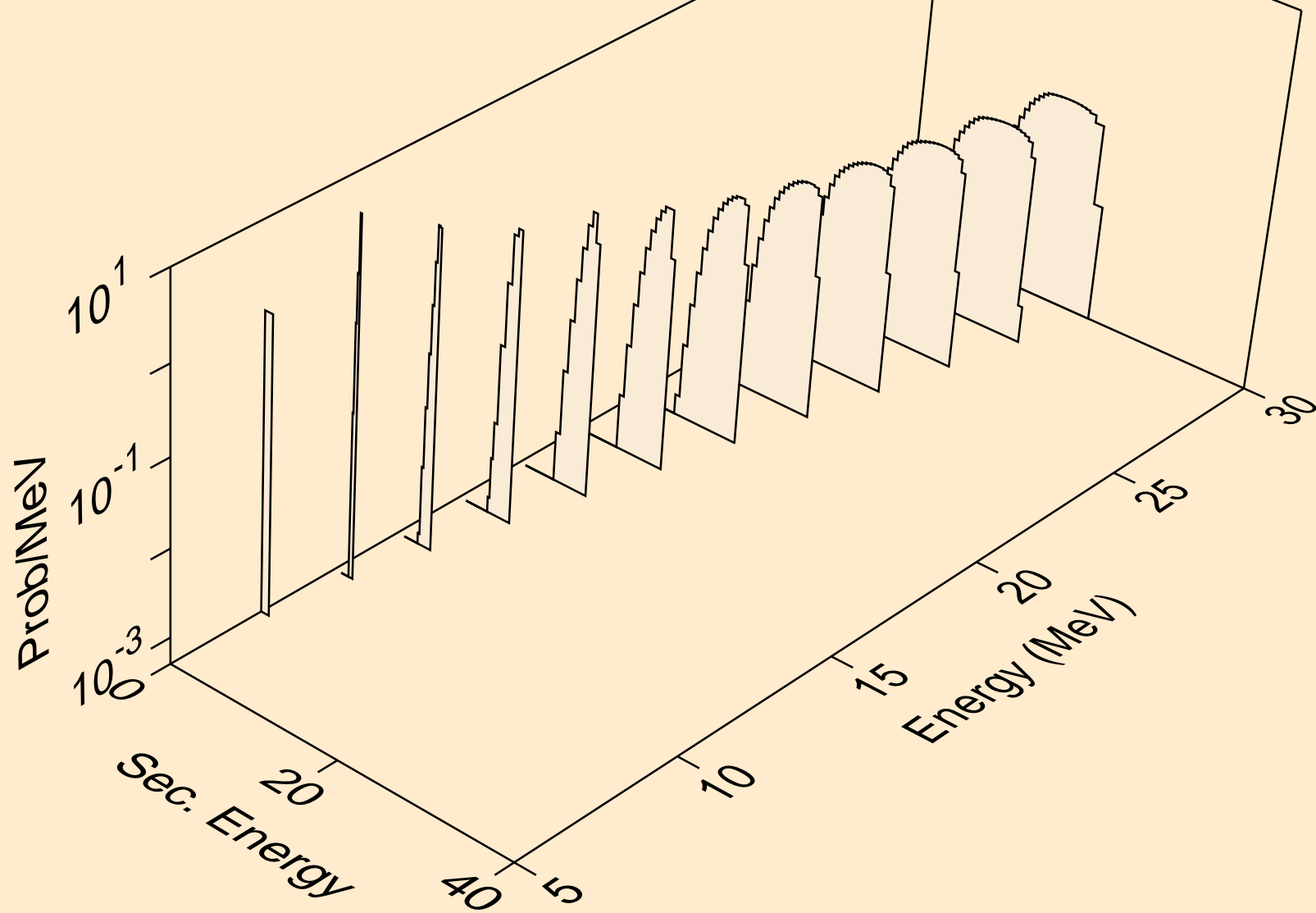
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



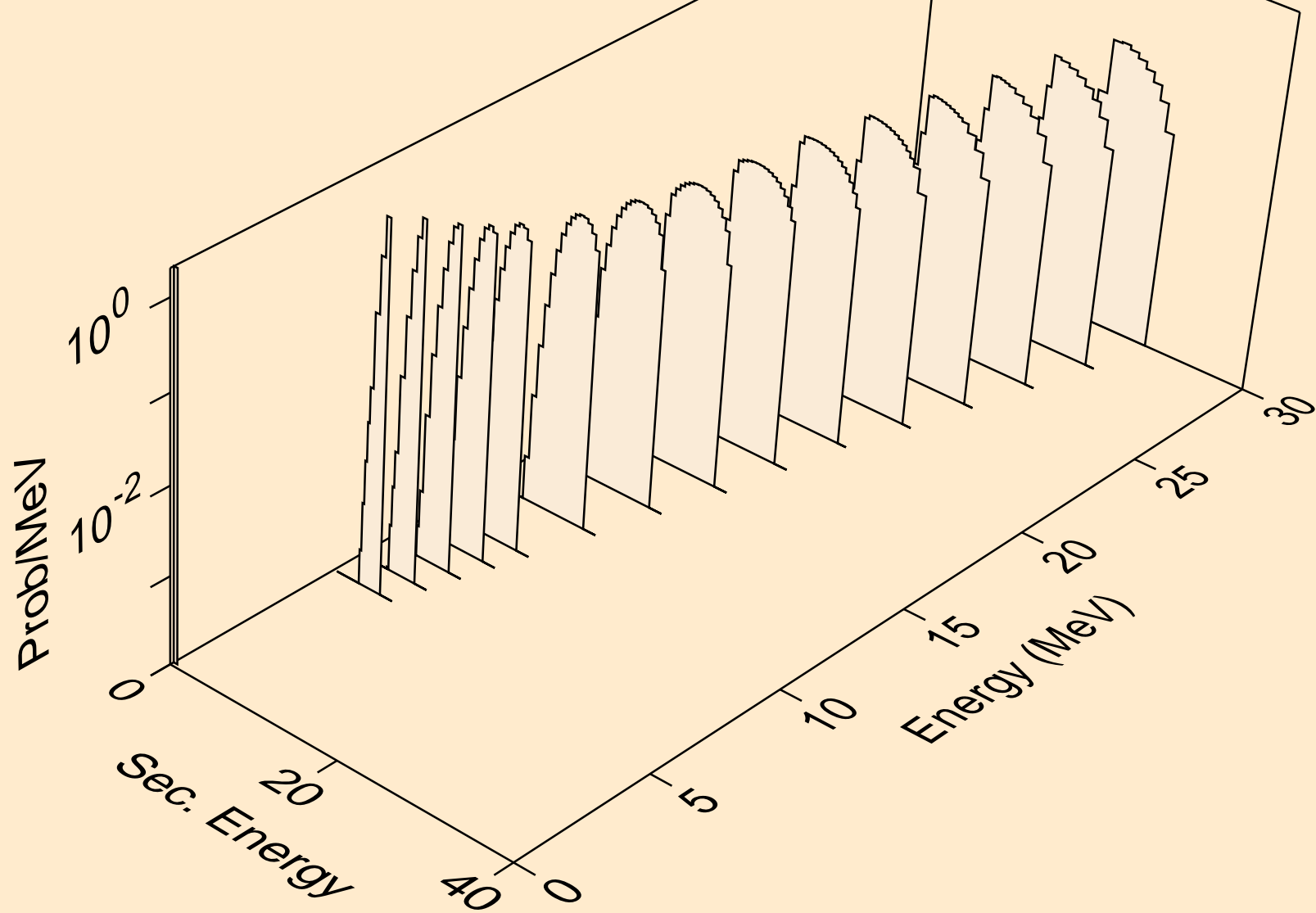
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



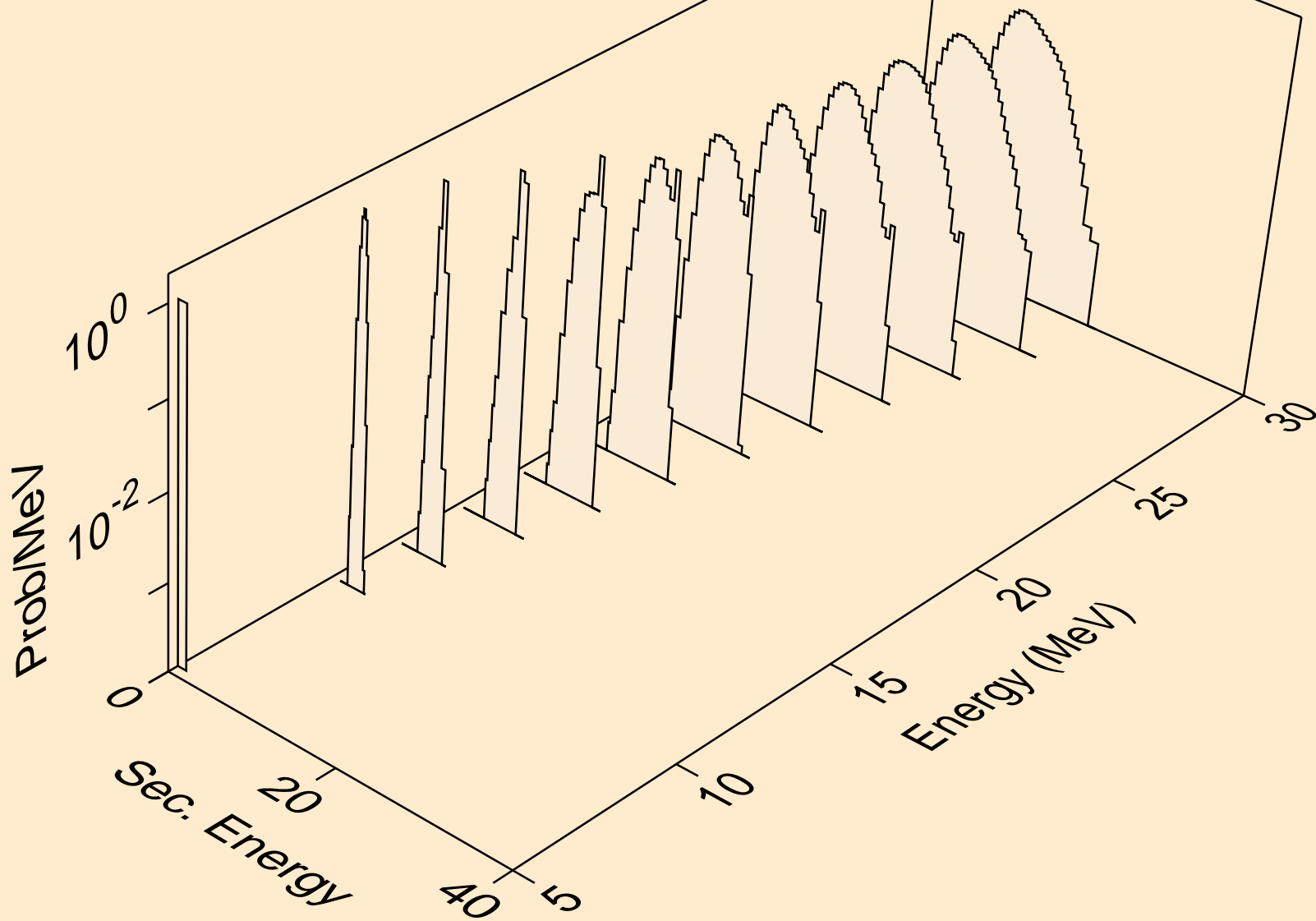
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

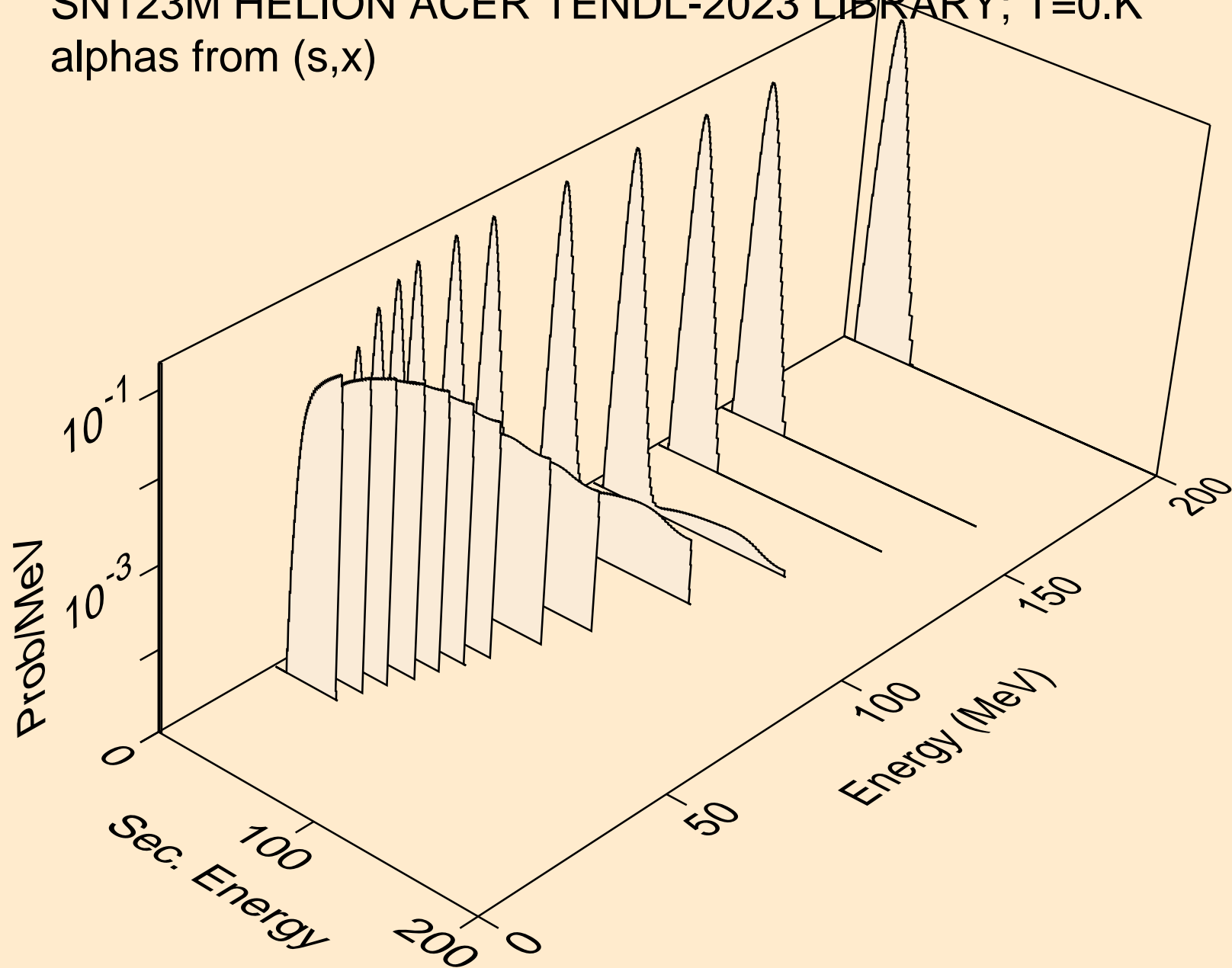


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

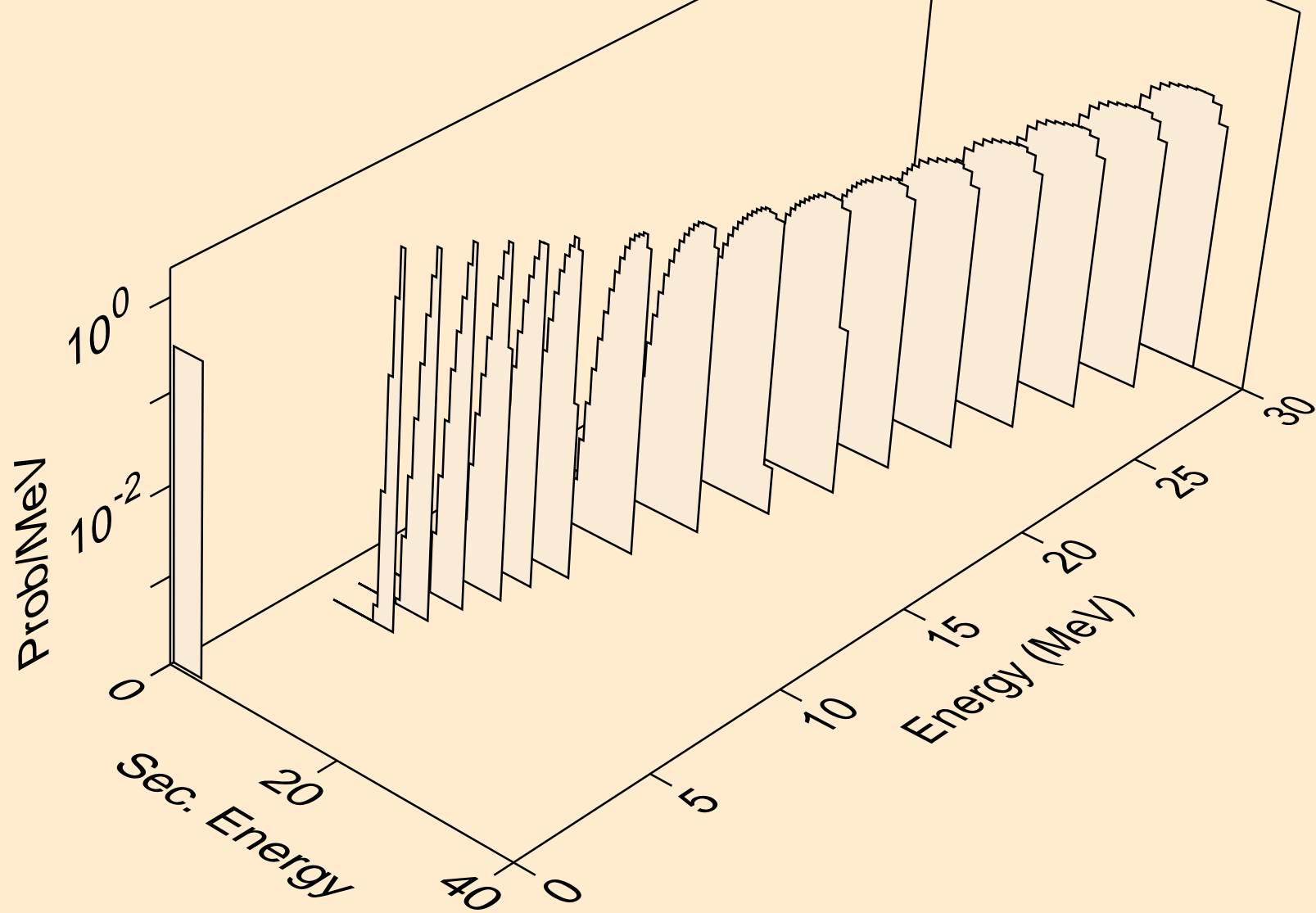




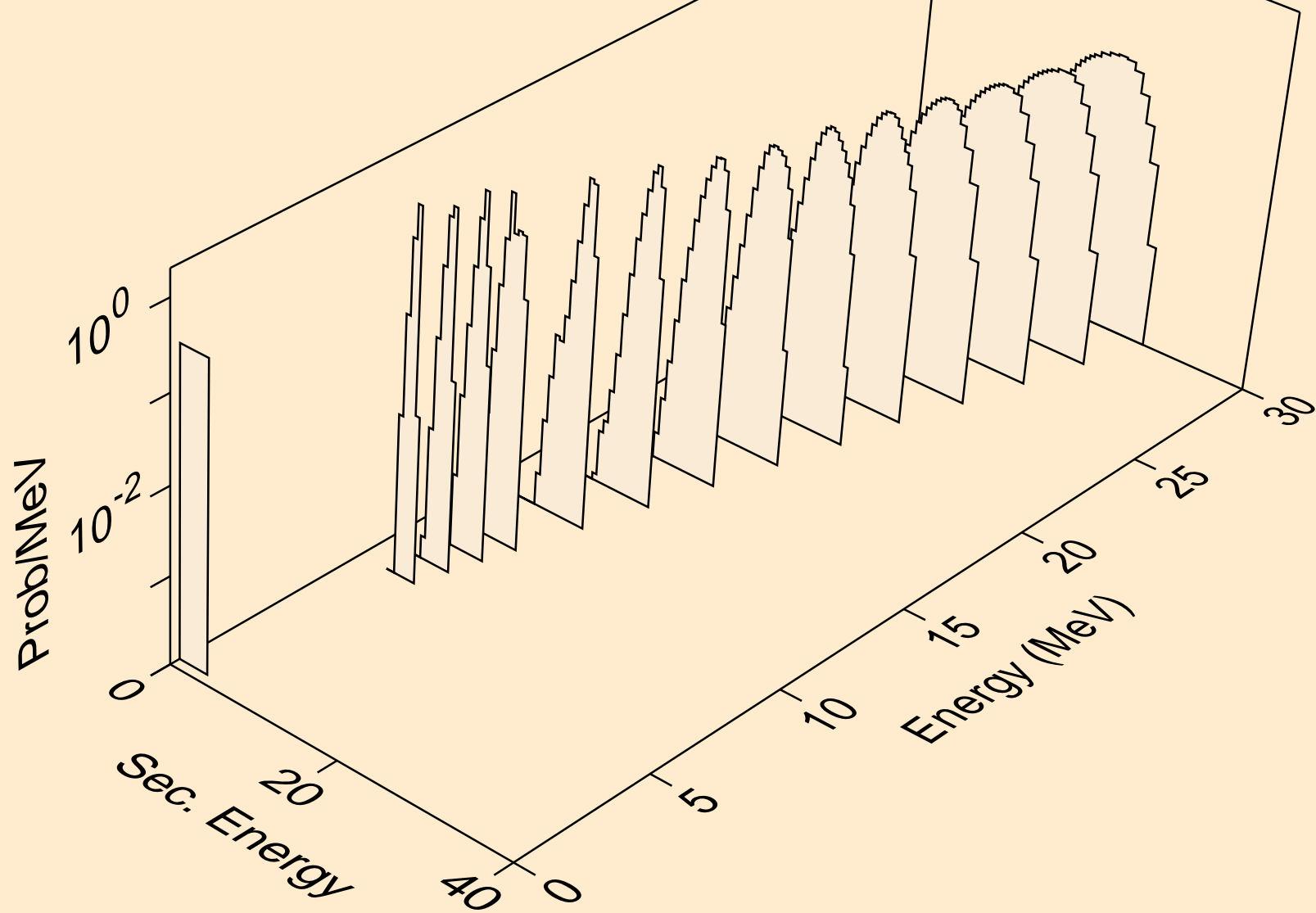
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



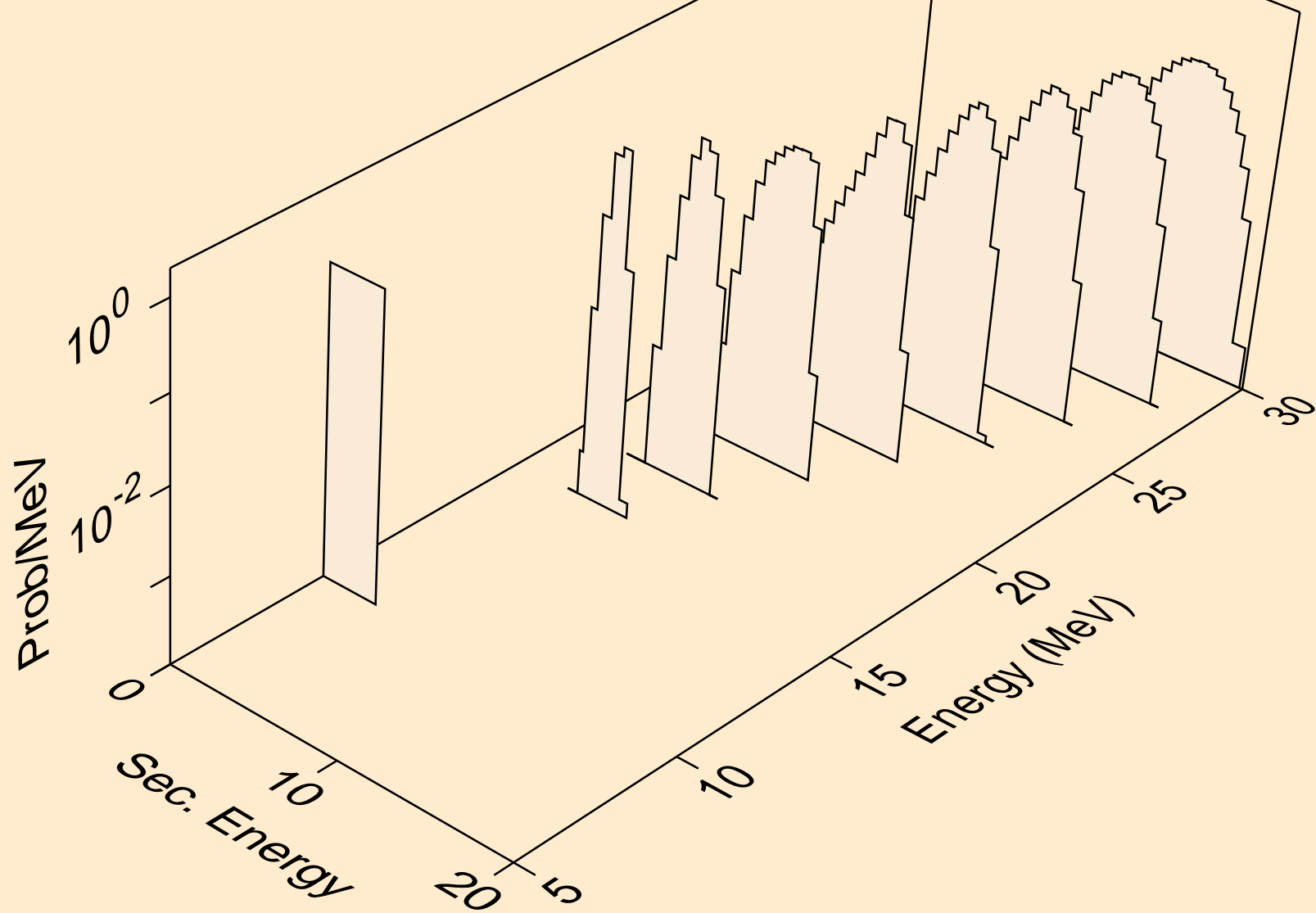
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



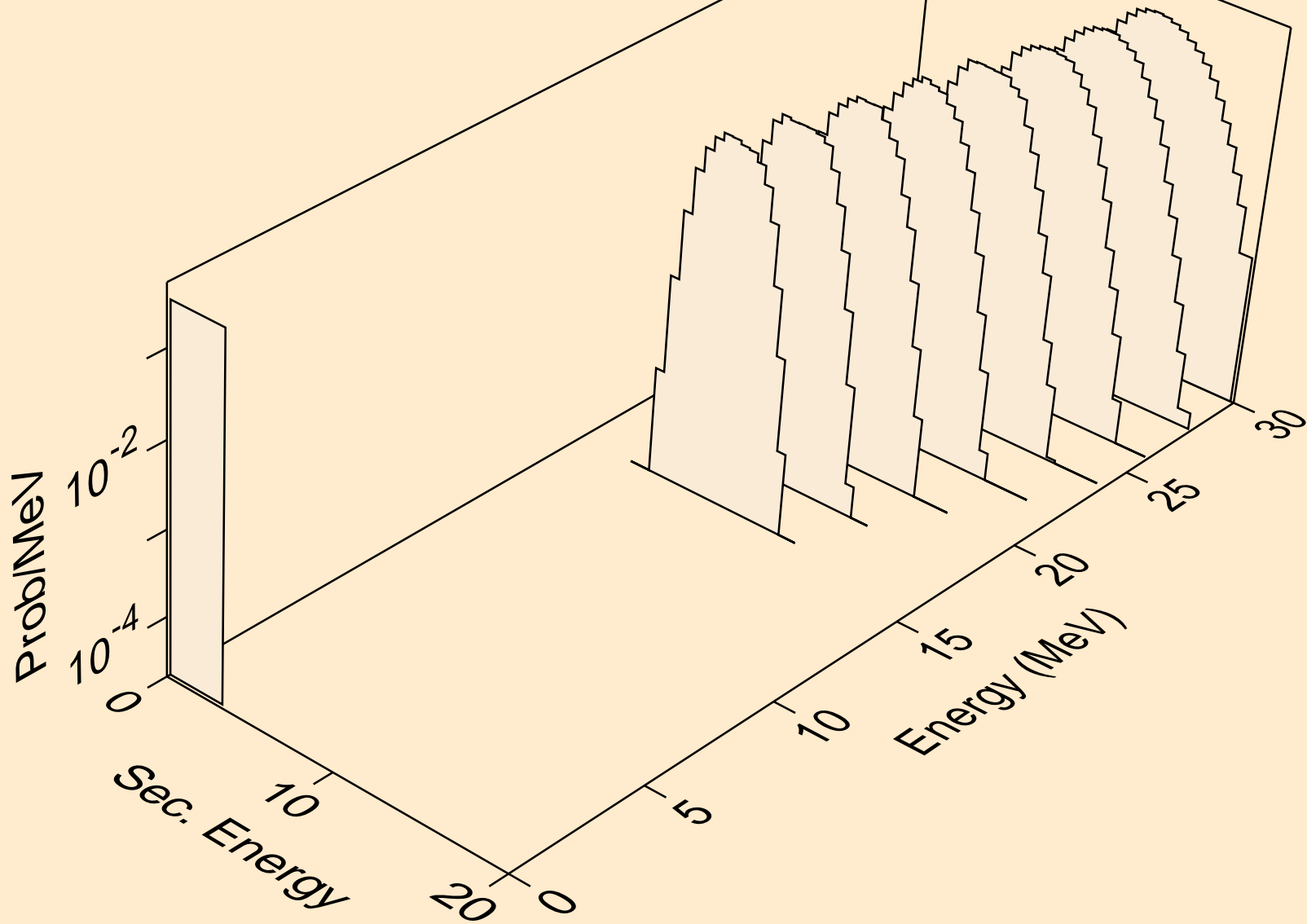
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



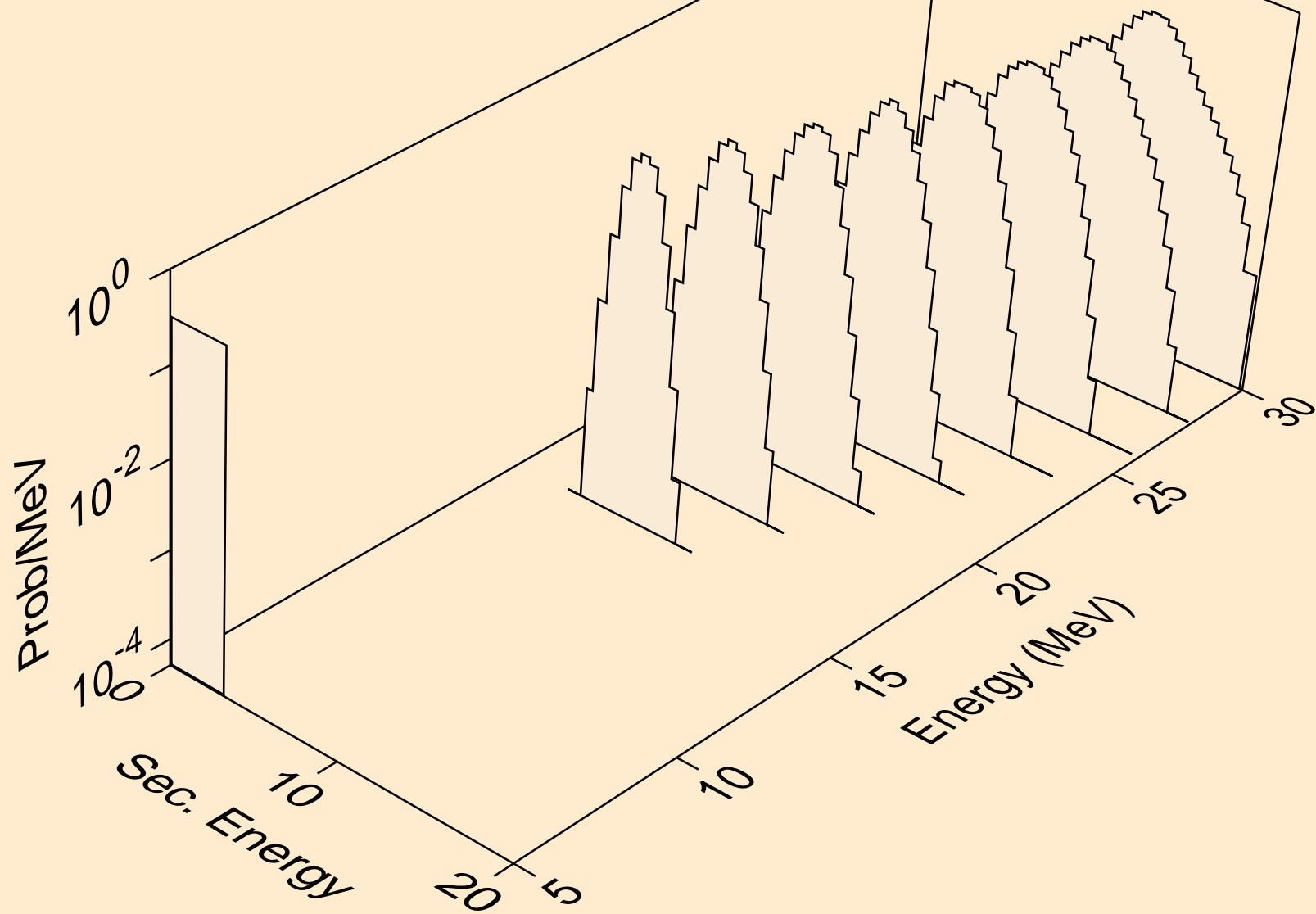
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



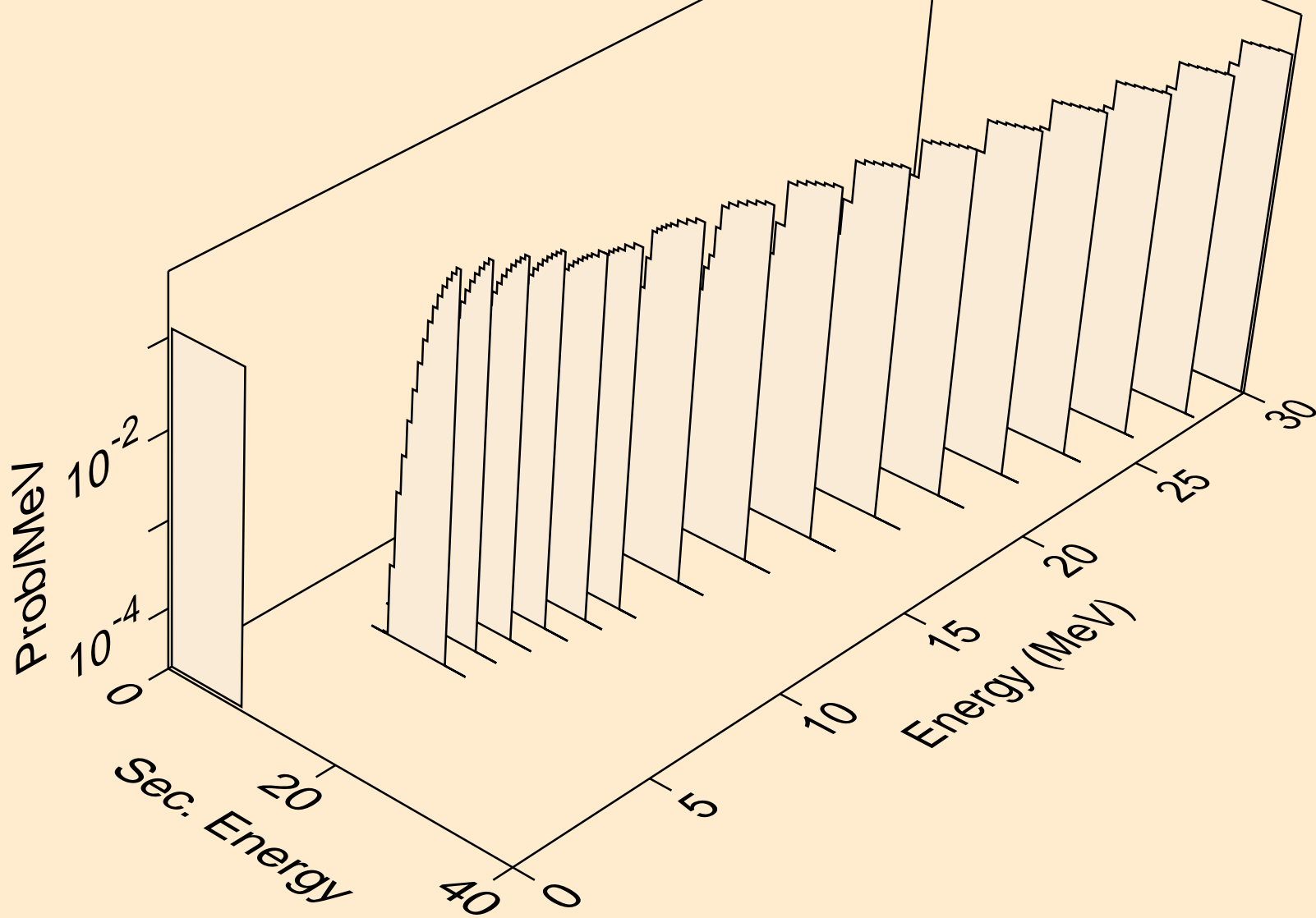
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



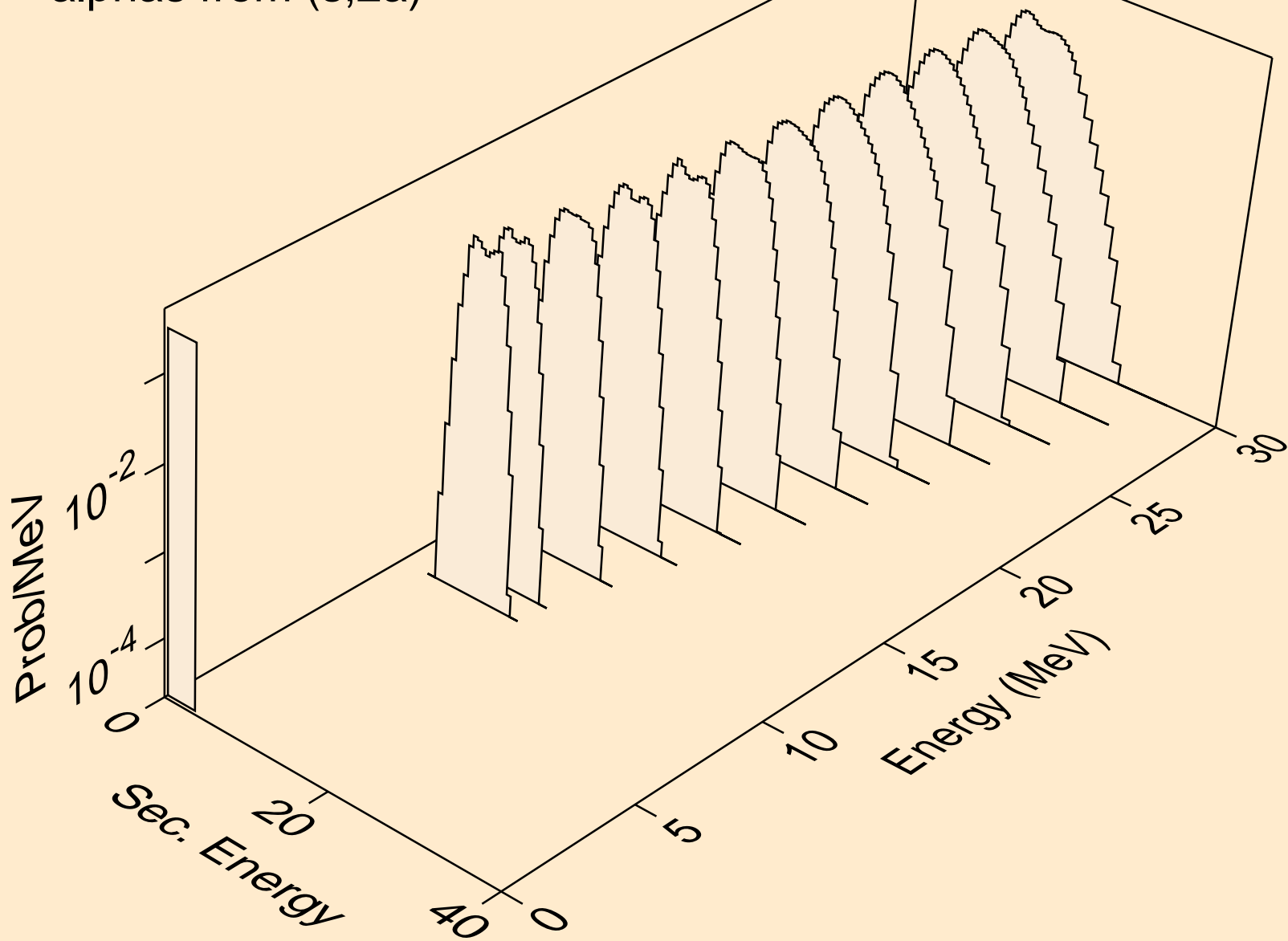
SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

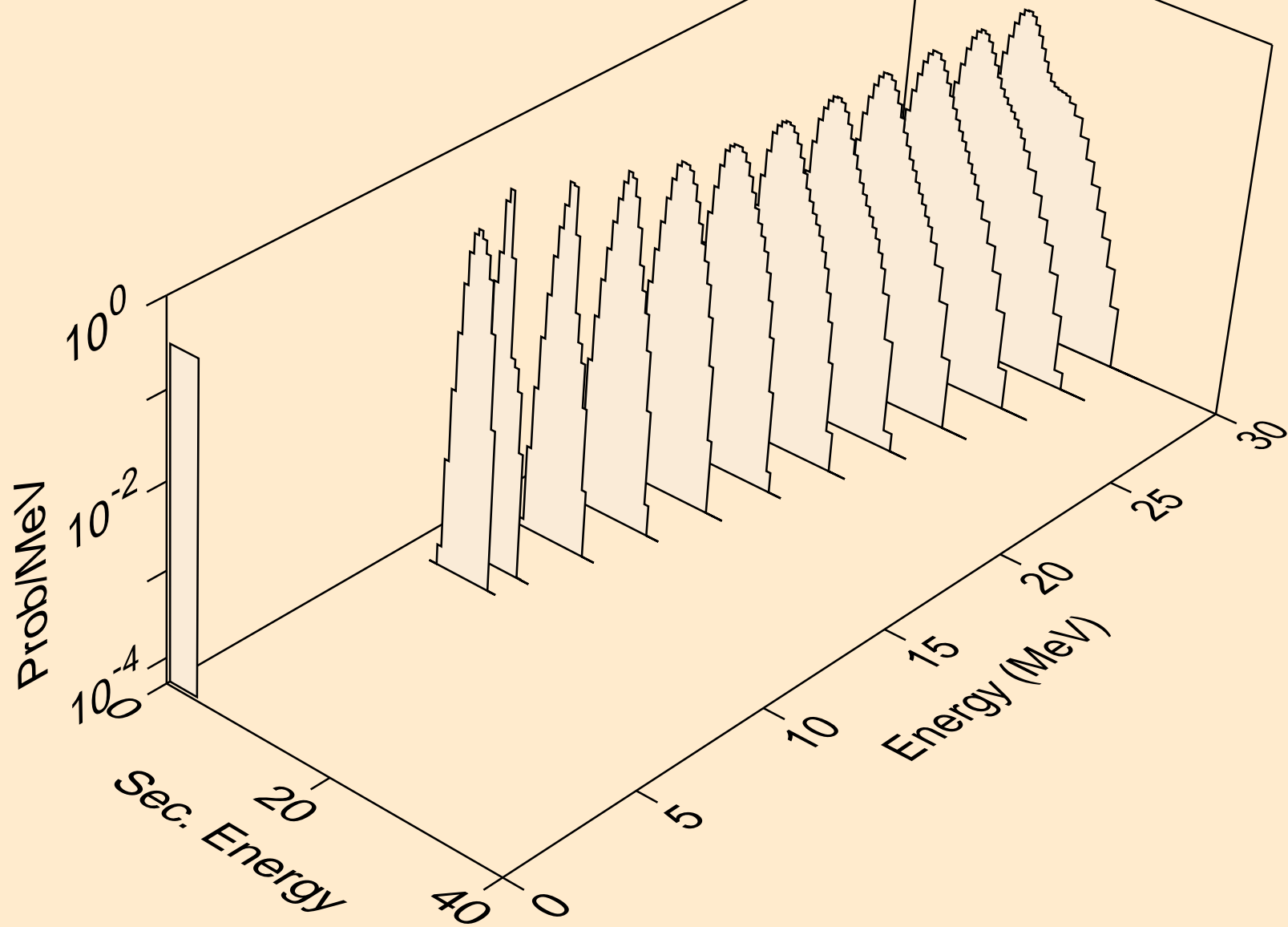


SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)





SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



SN123M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

