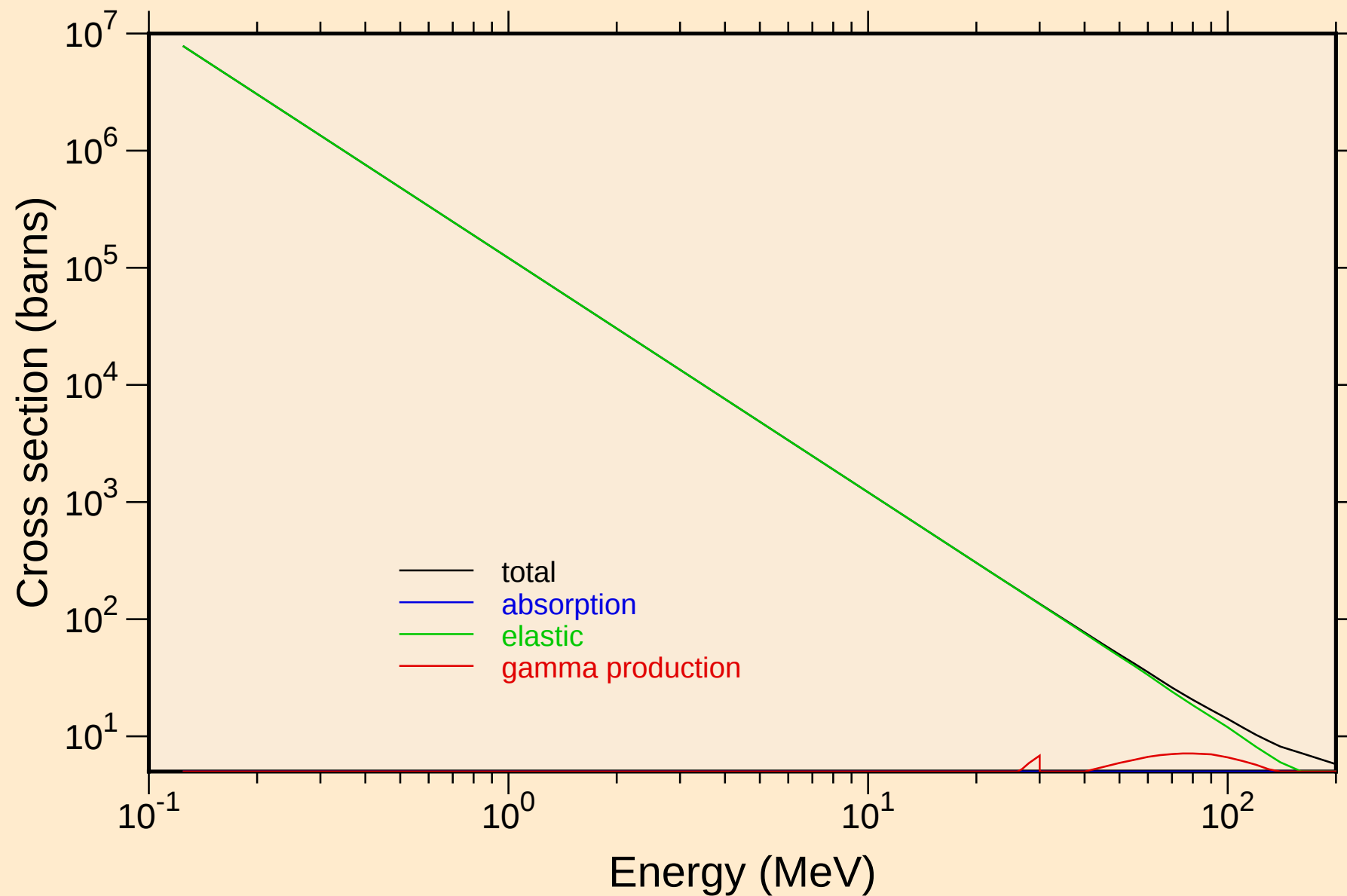


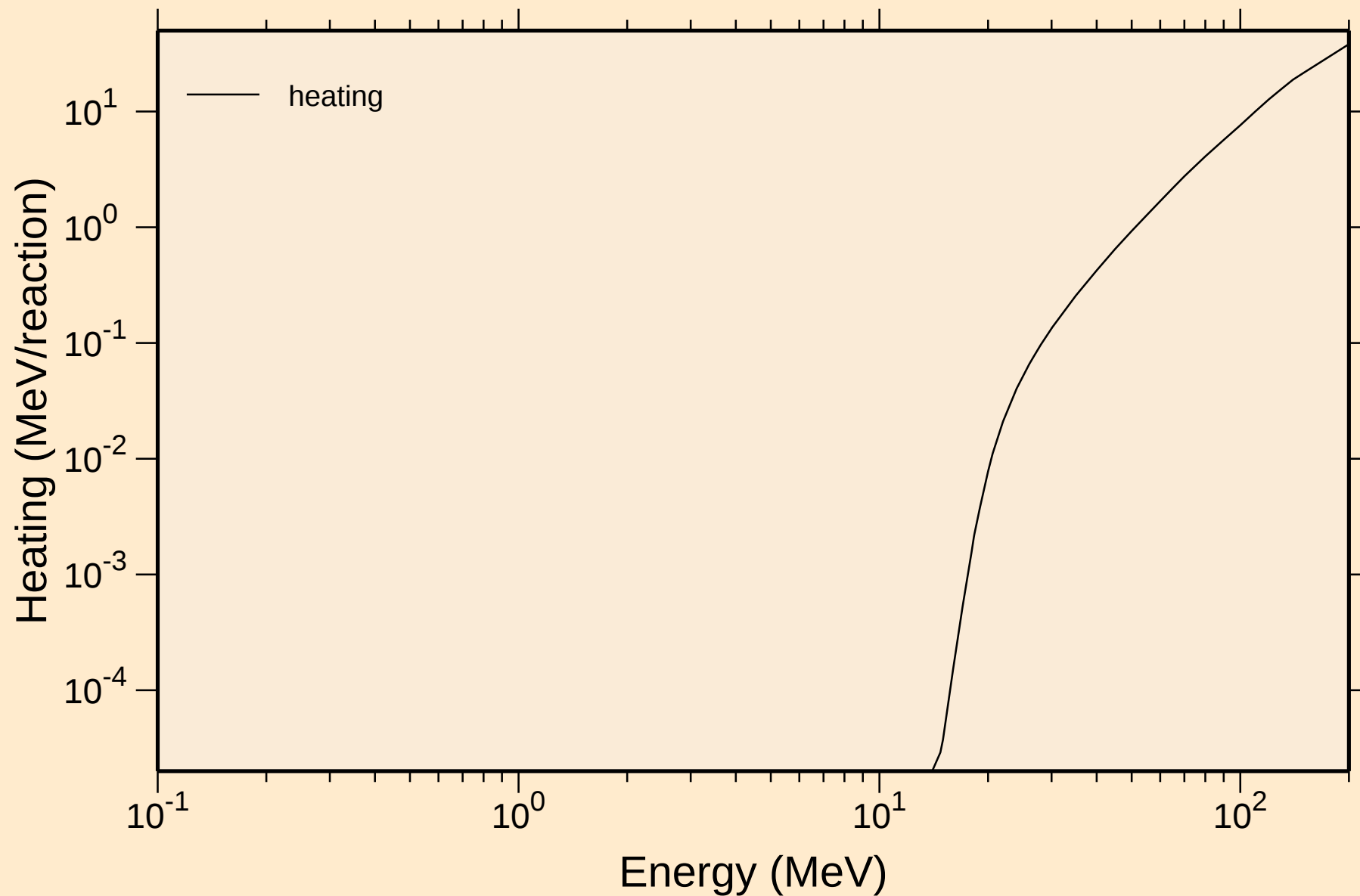
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



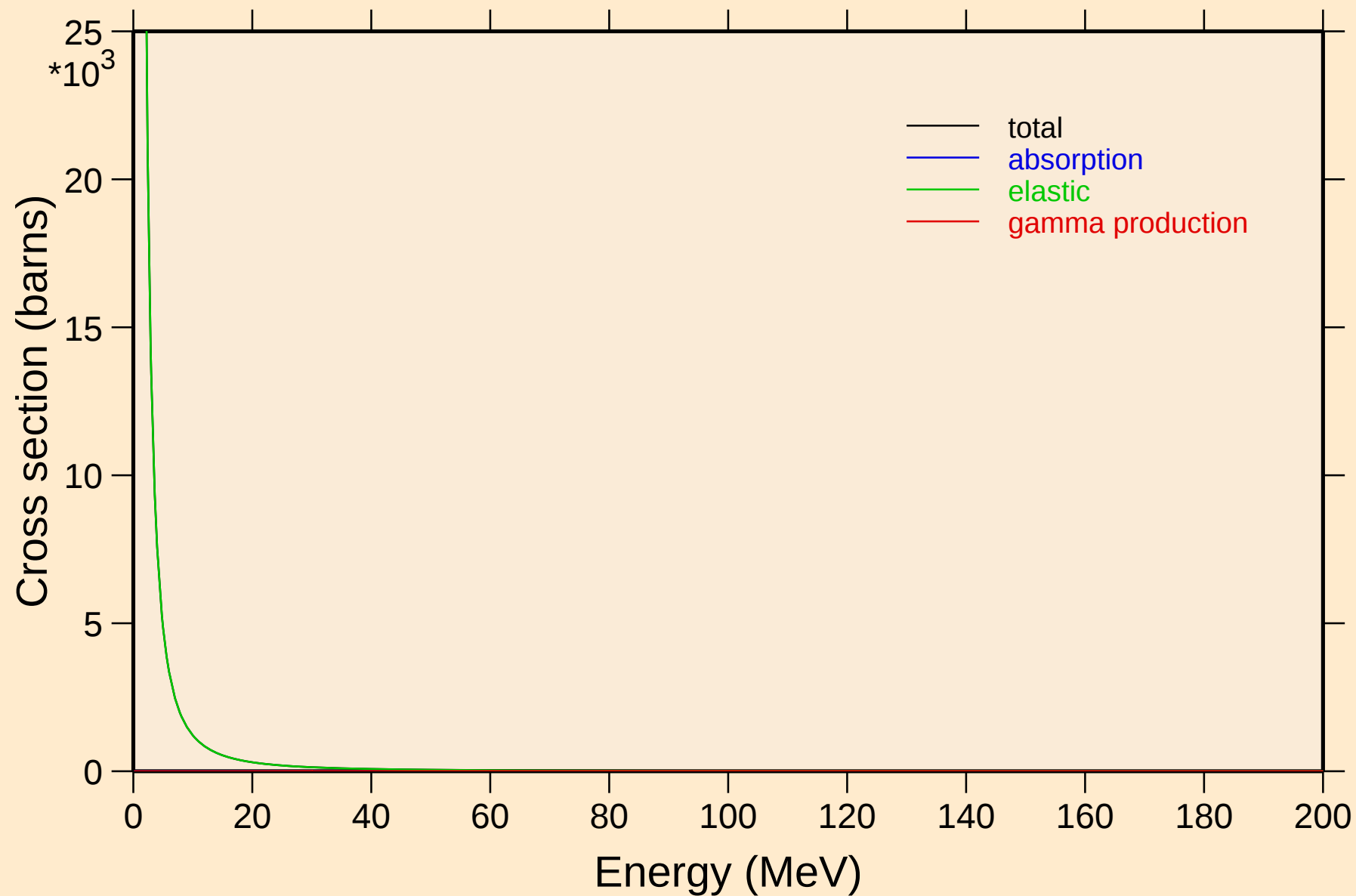
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



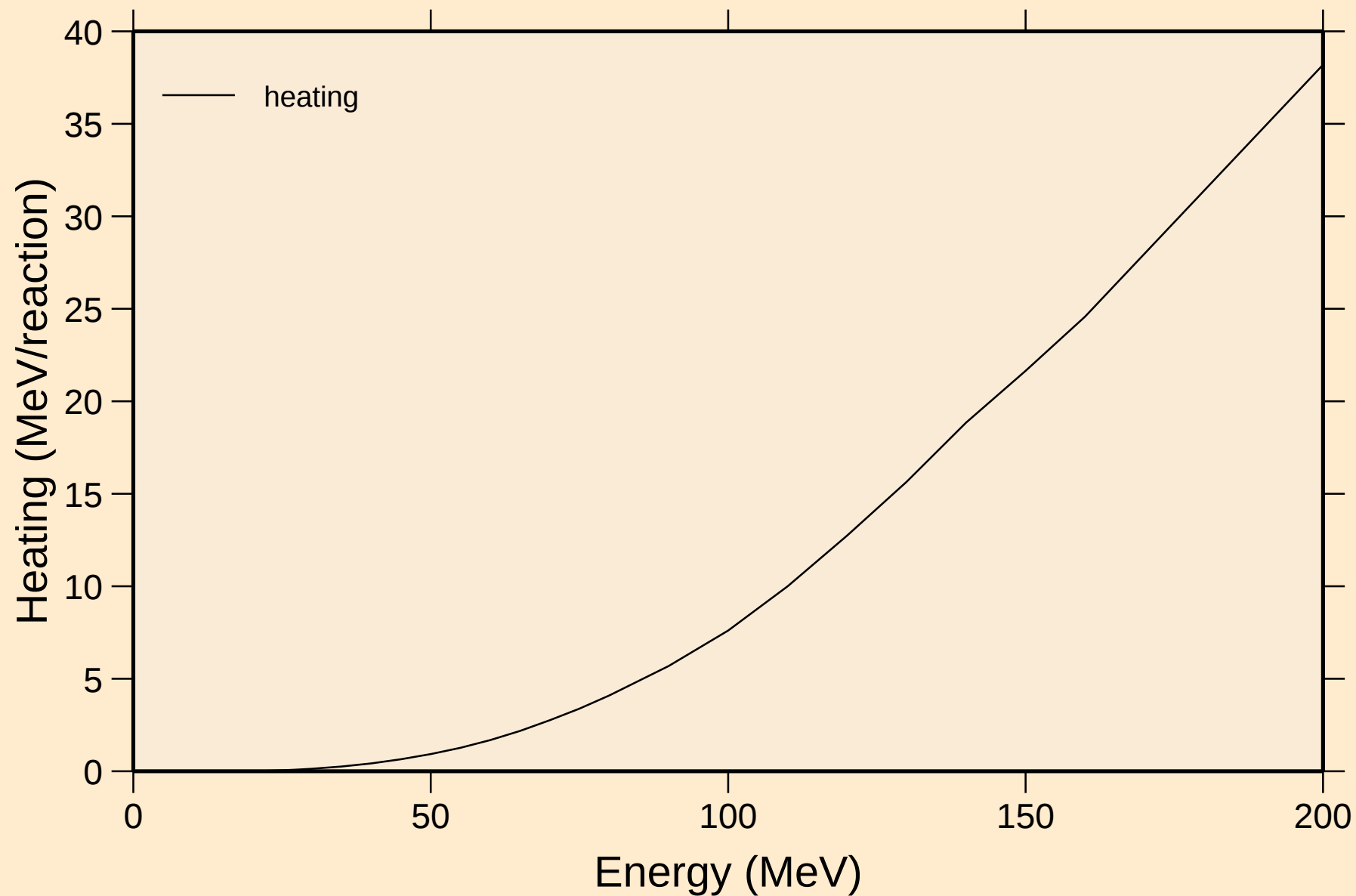
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



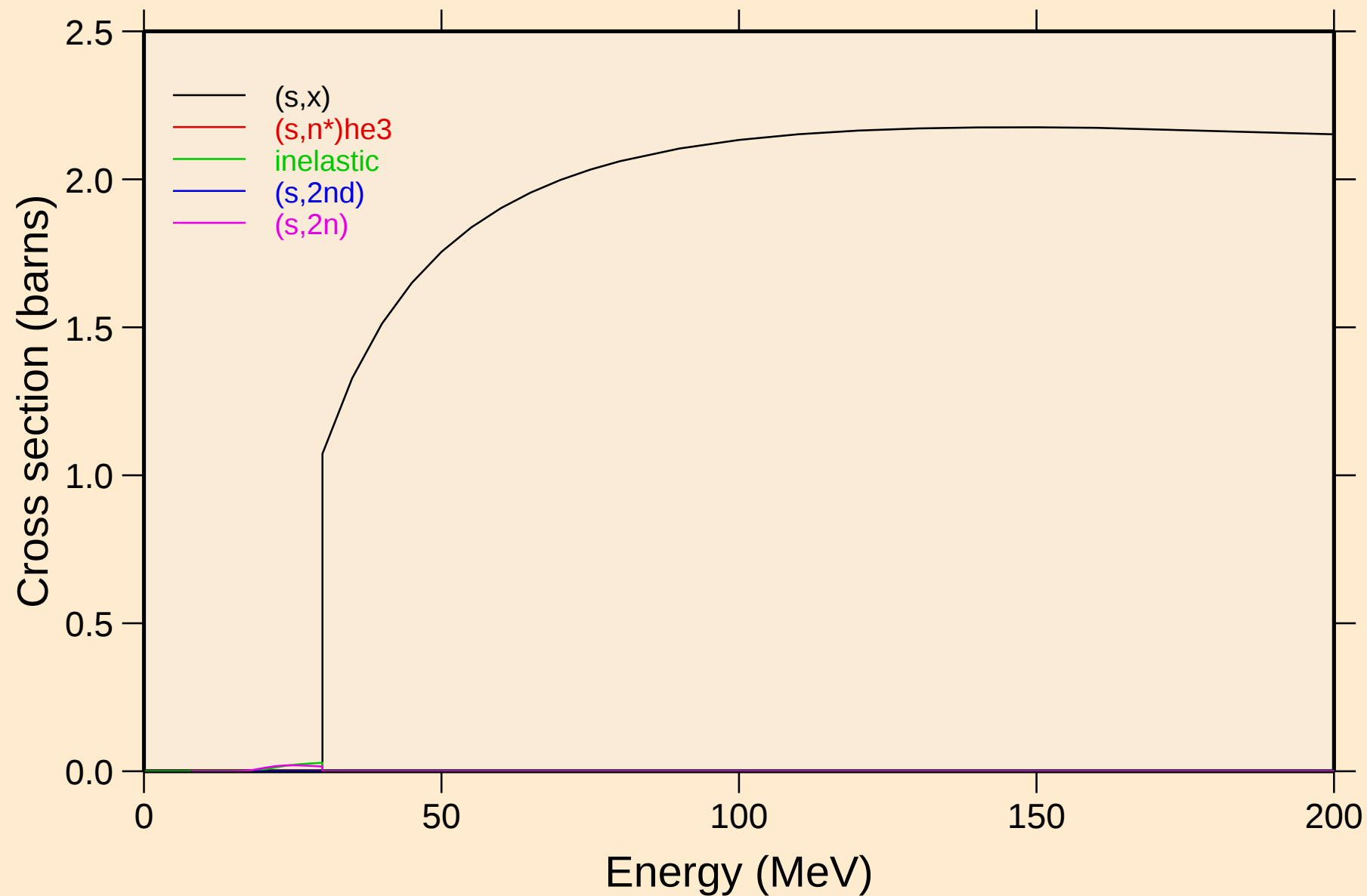
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



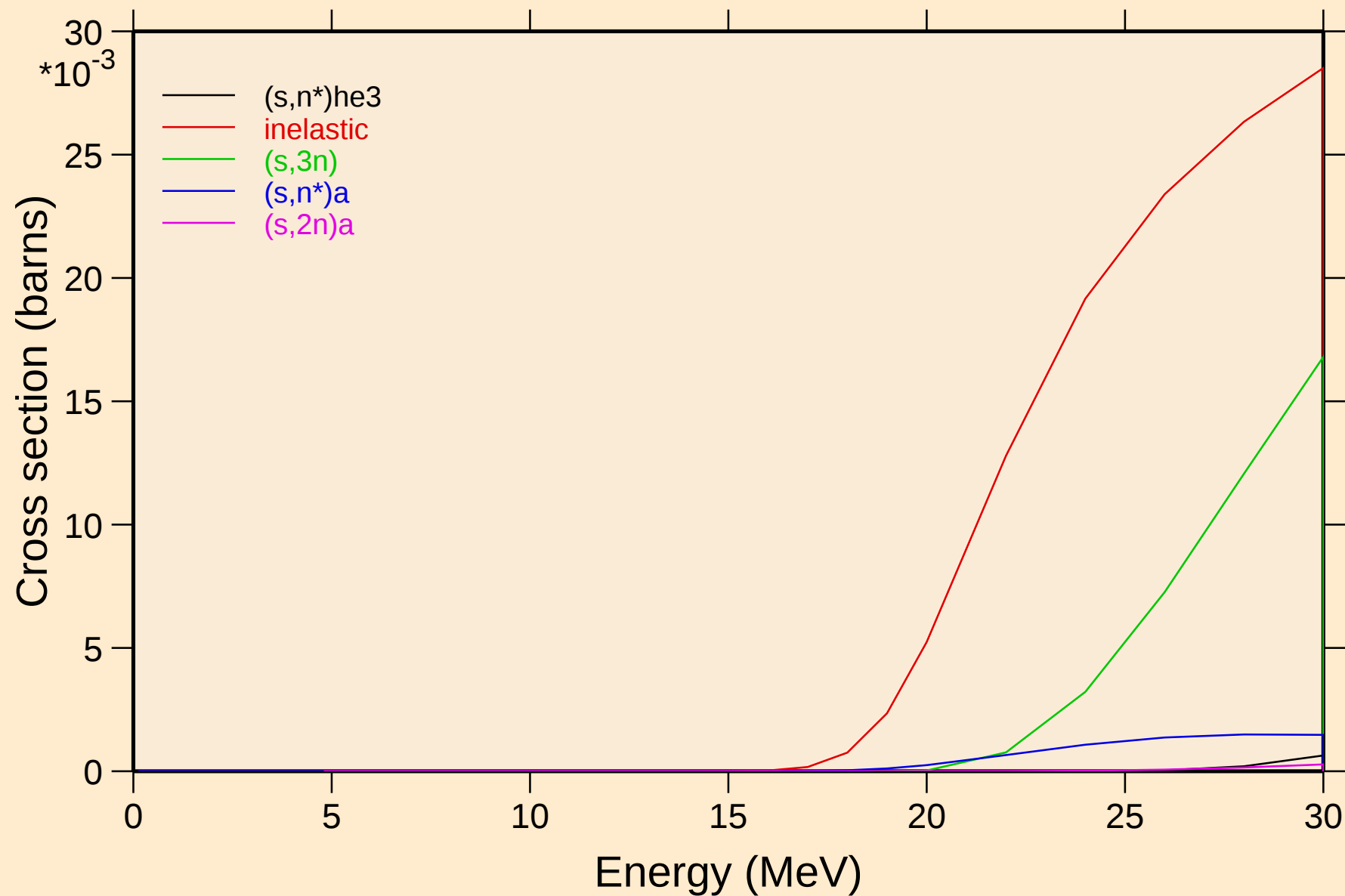
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



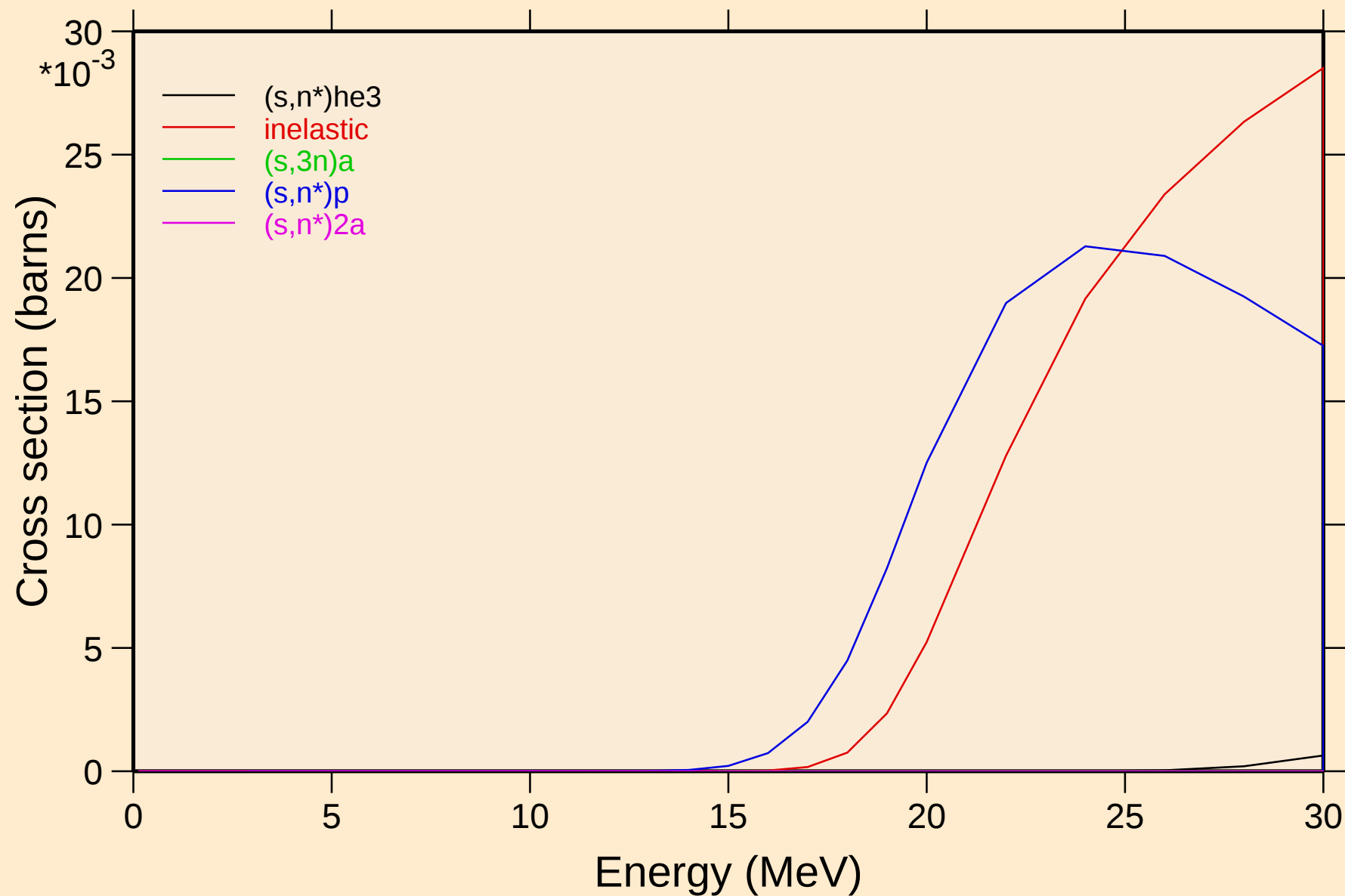
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

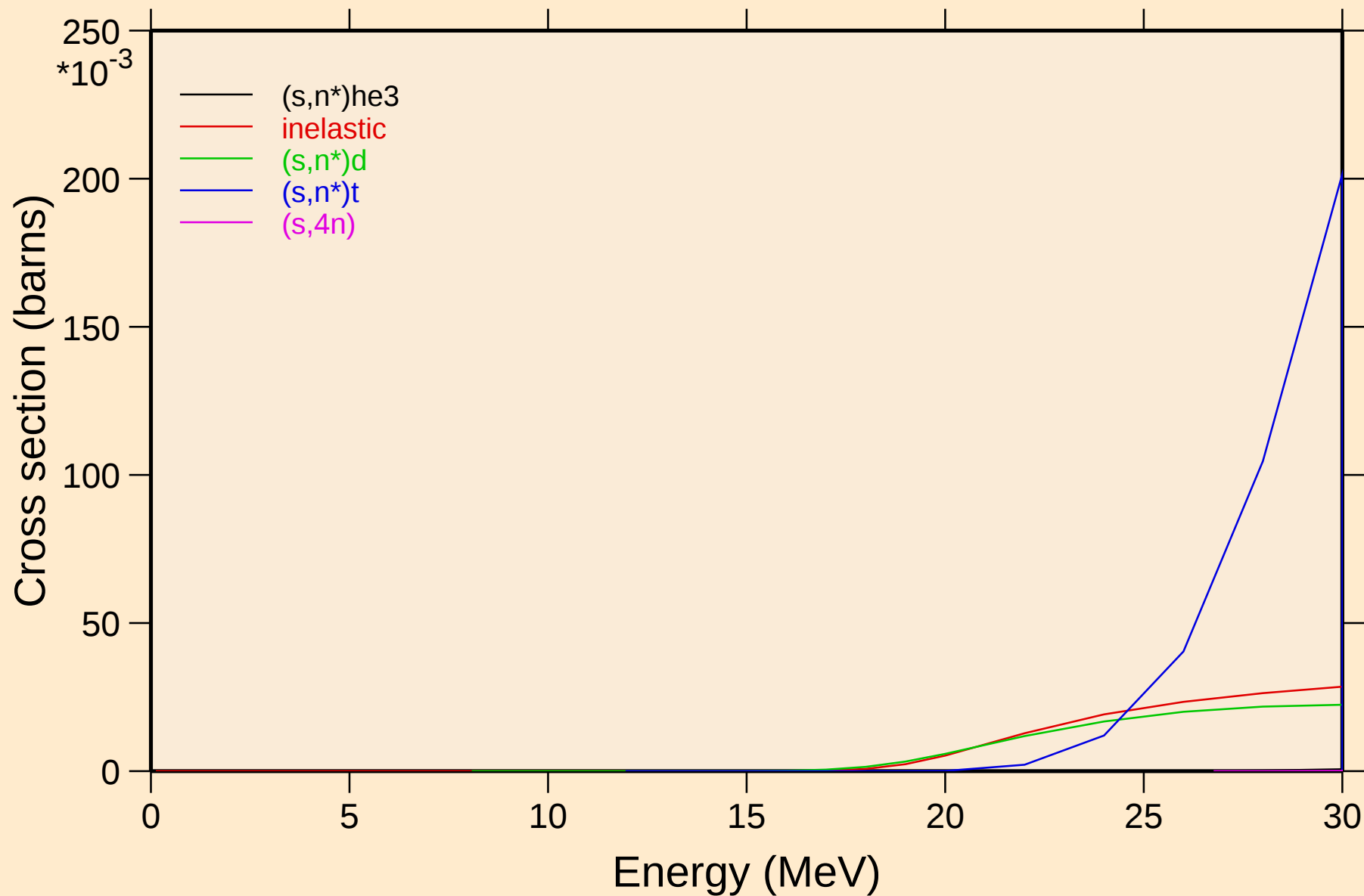


# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

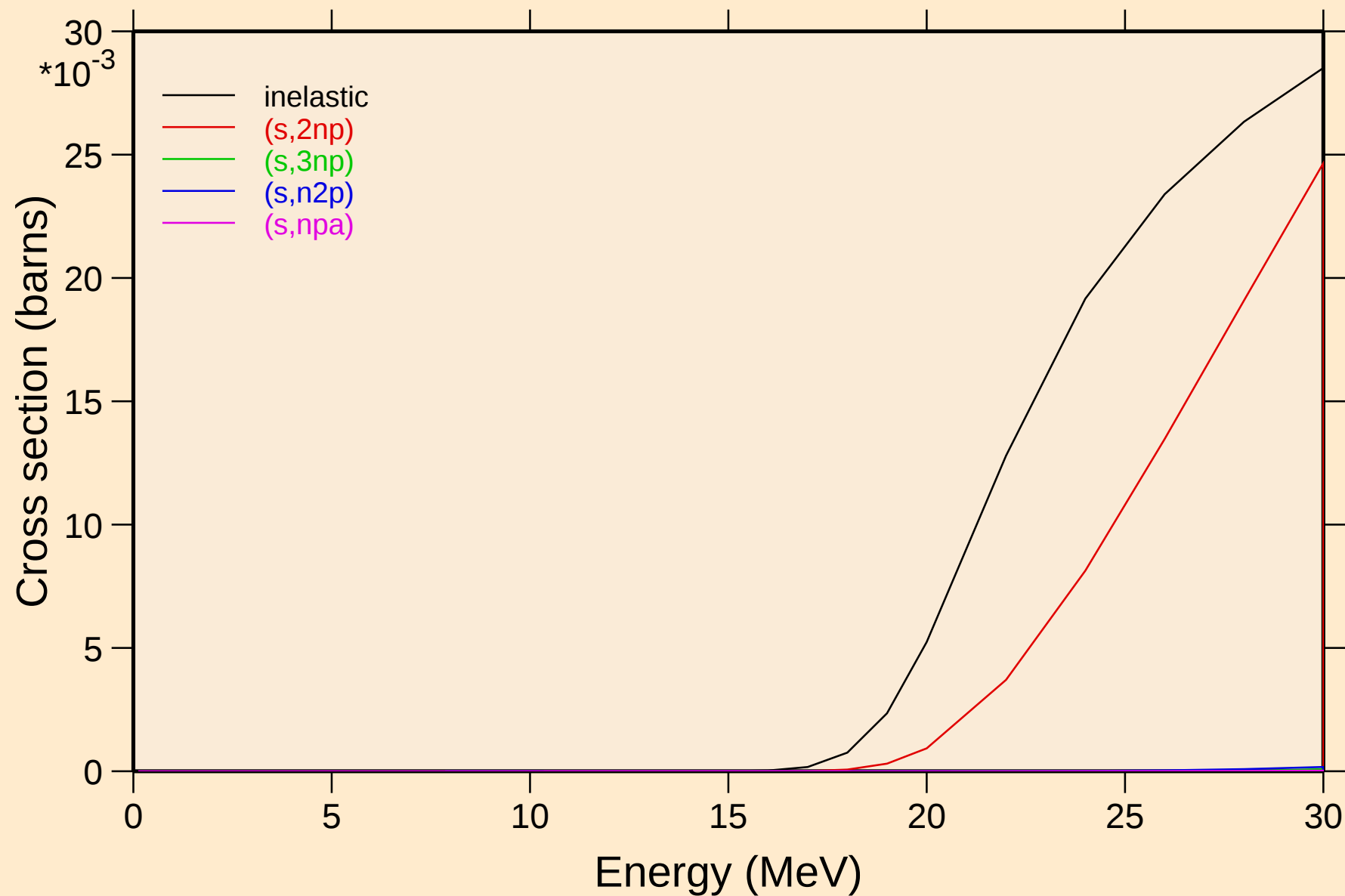


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



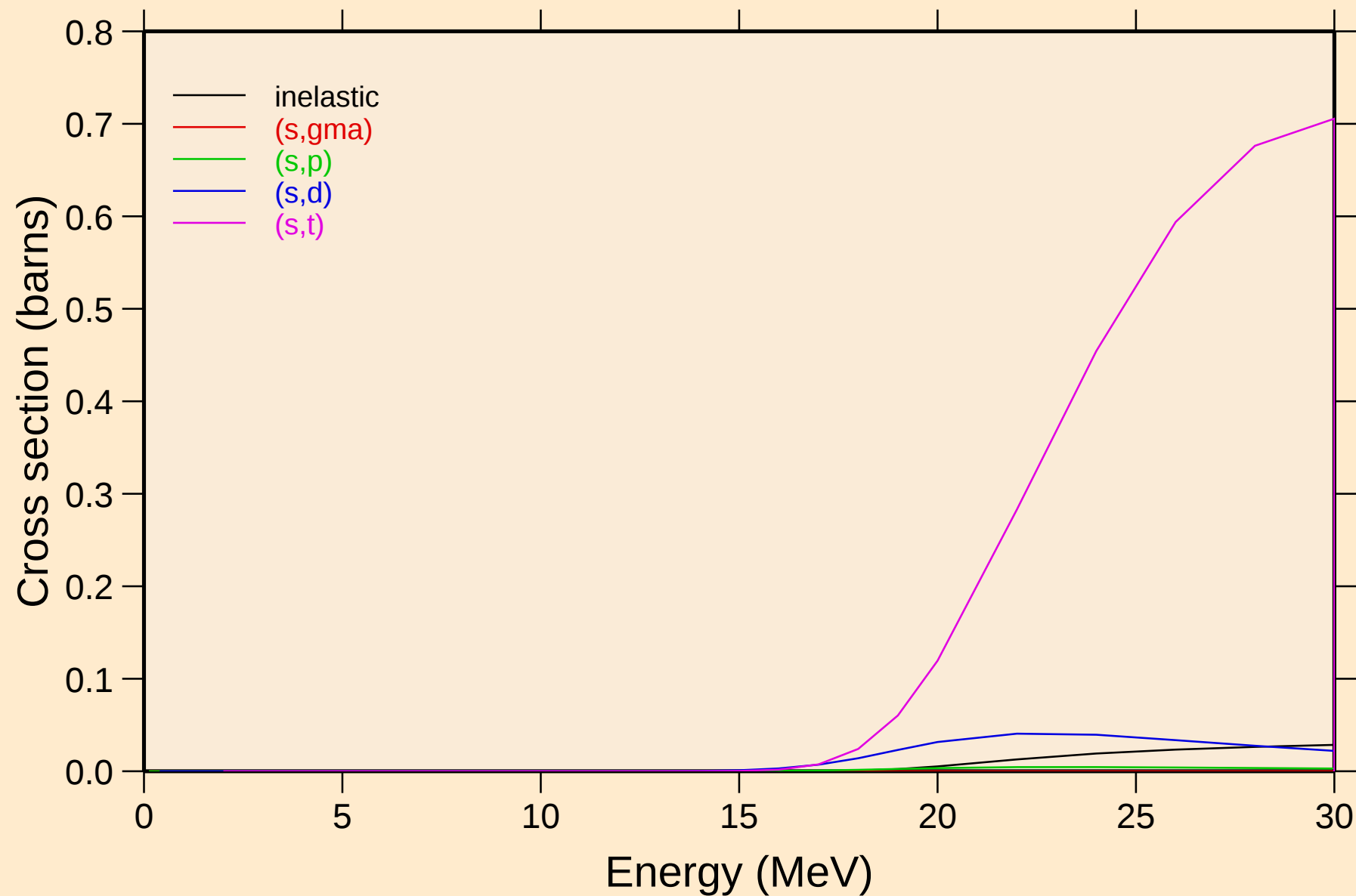
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



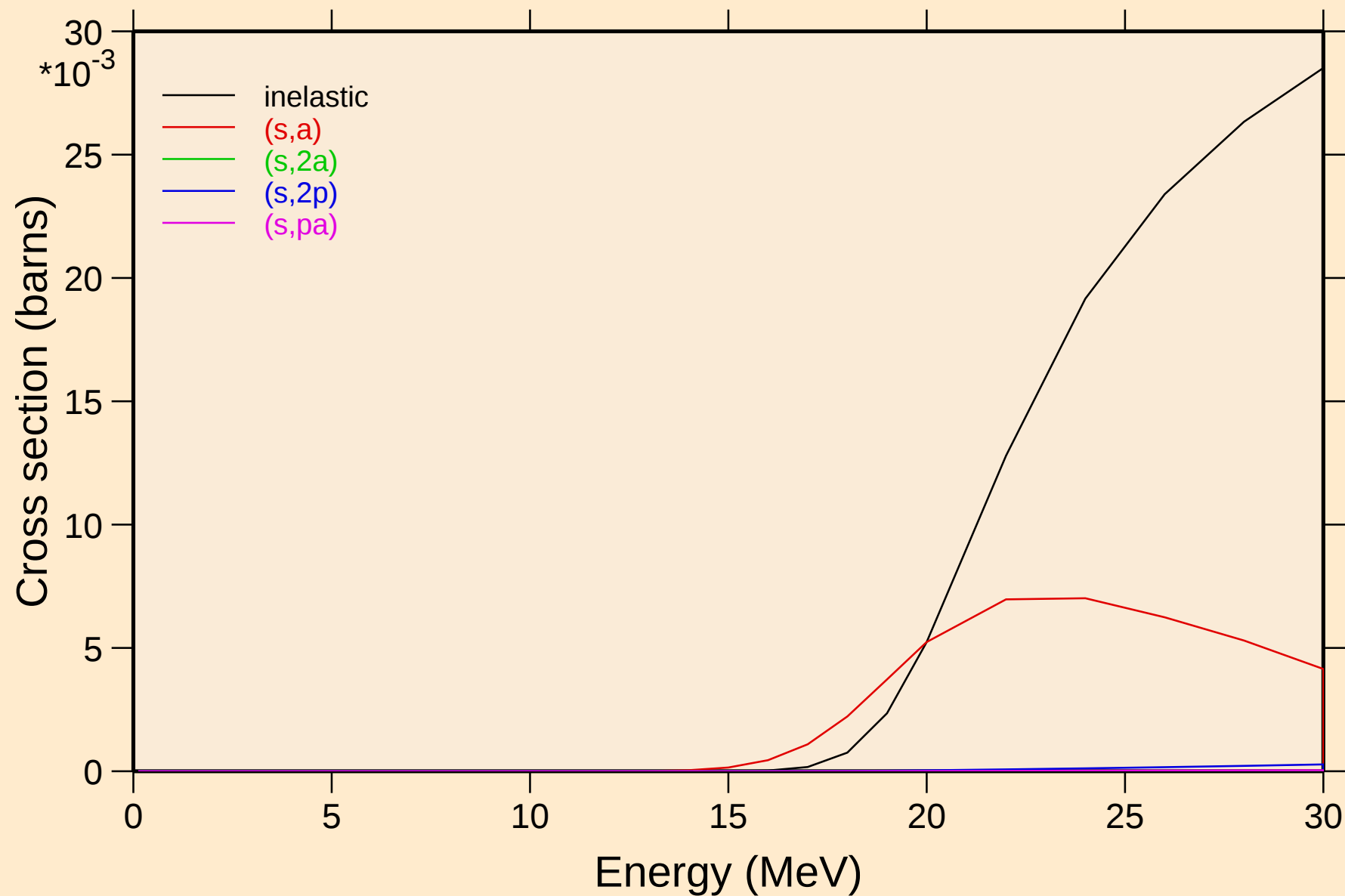
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



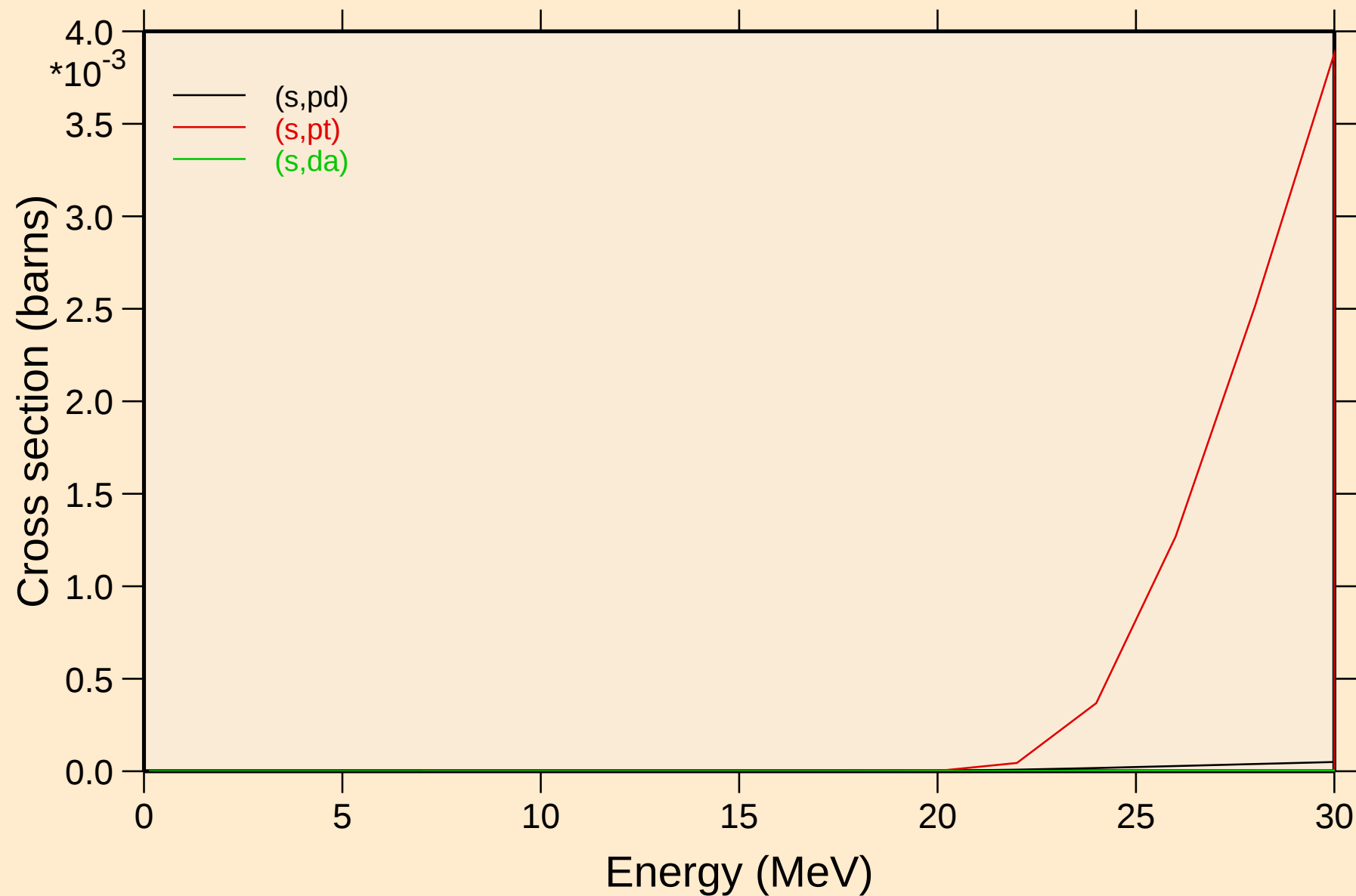
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

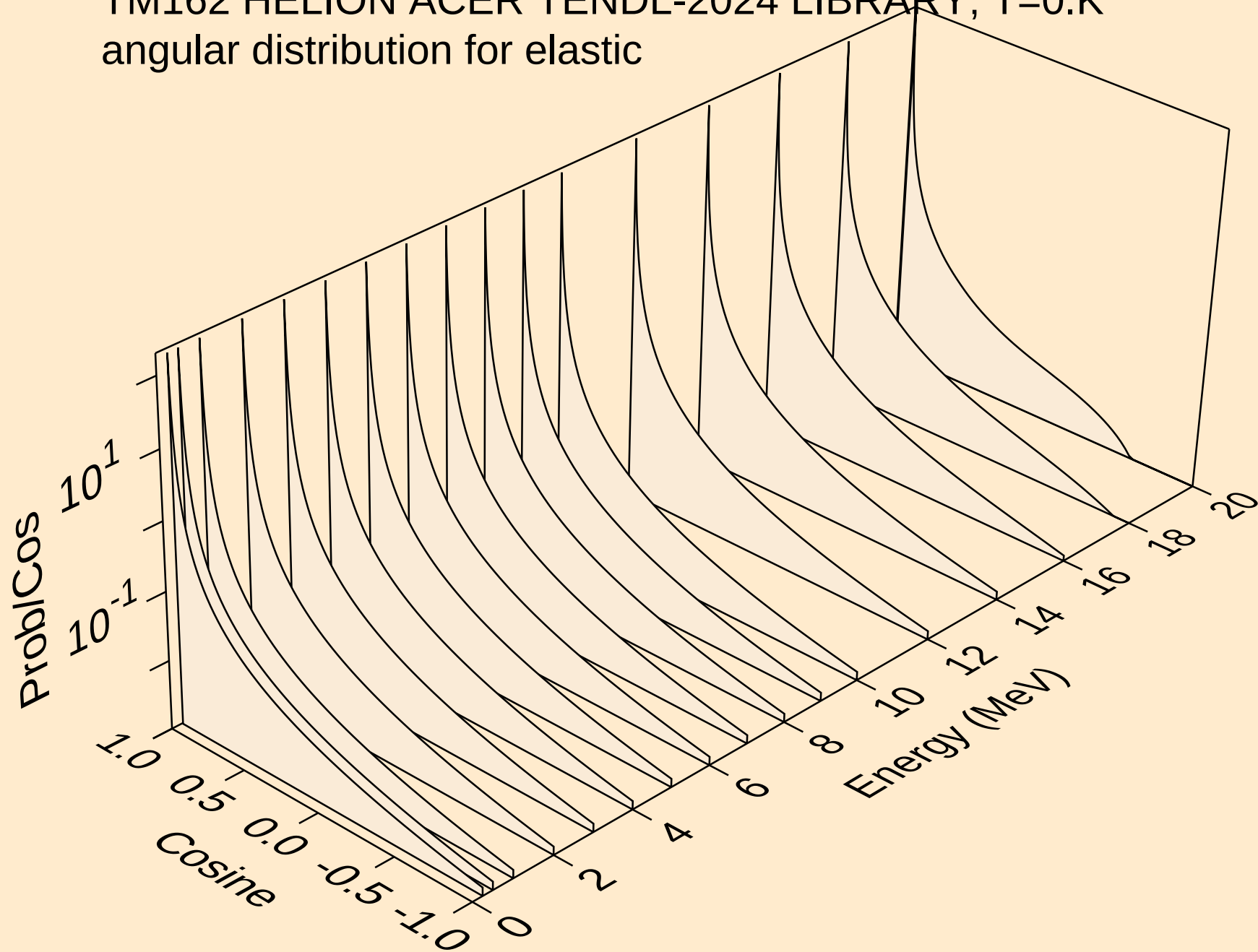


# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

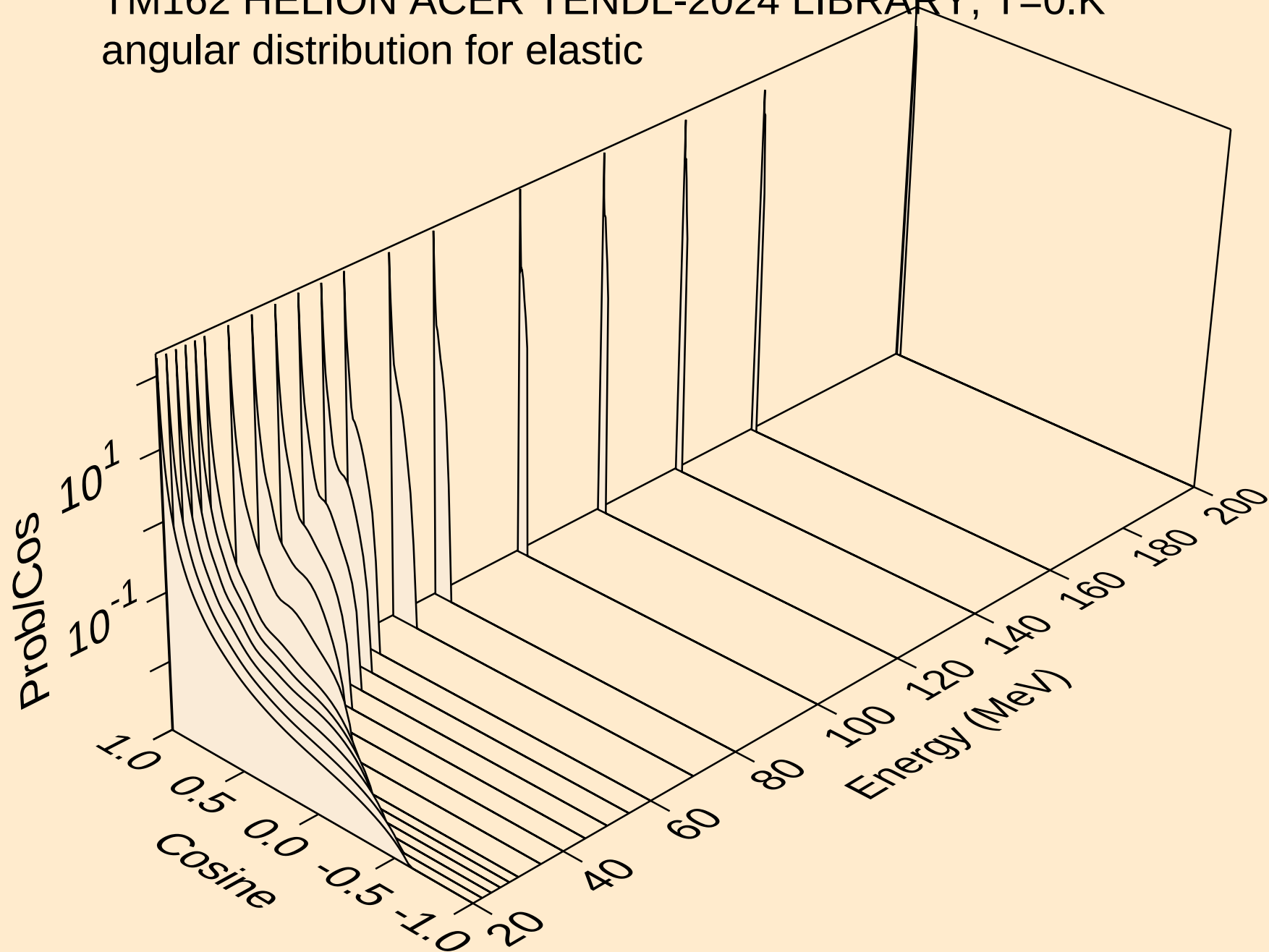
## Threshold reactions



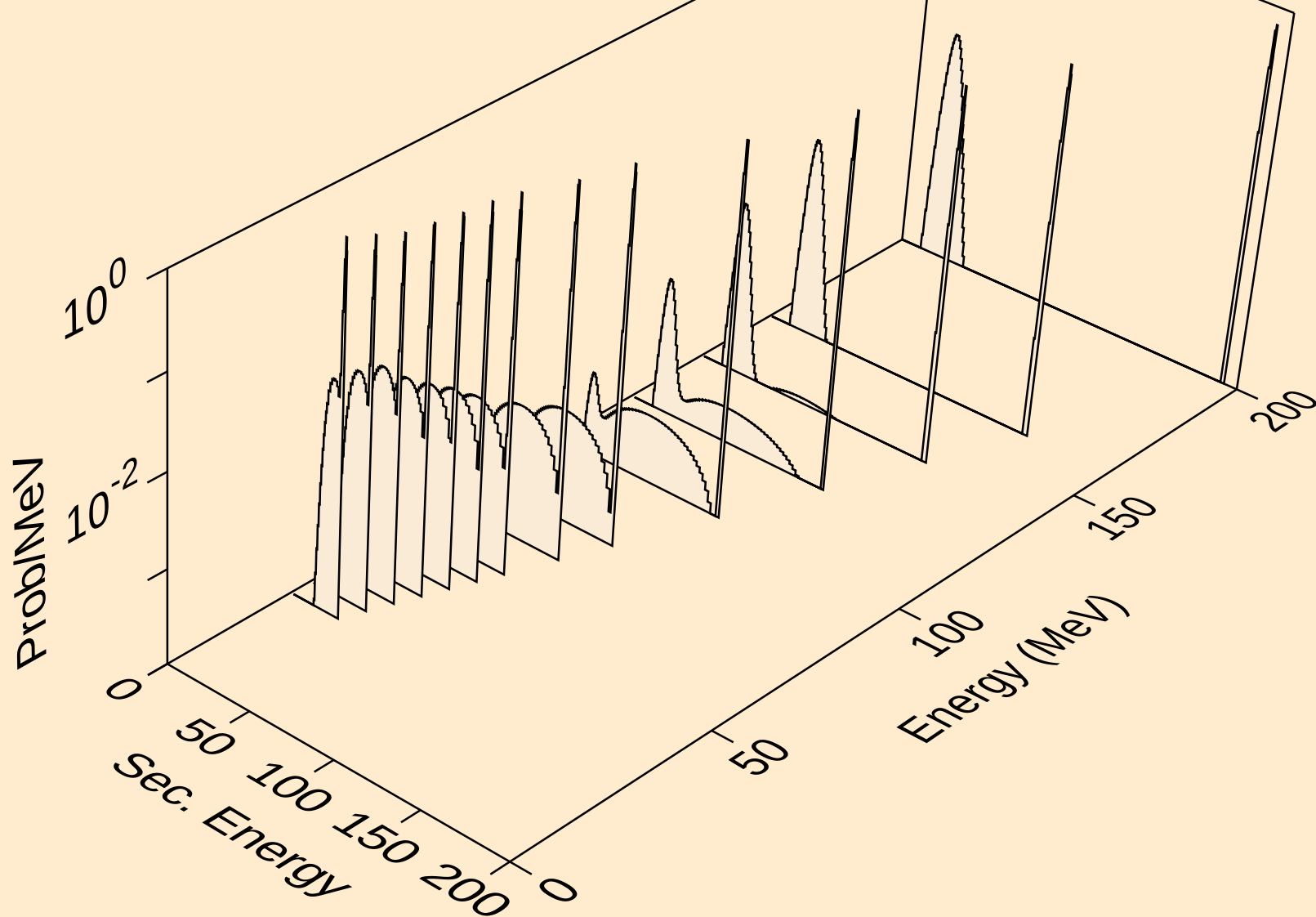
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



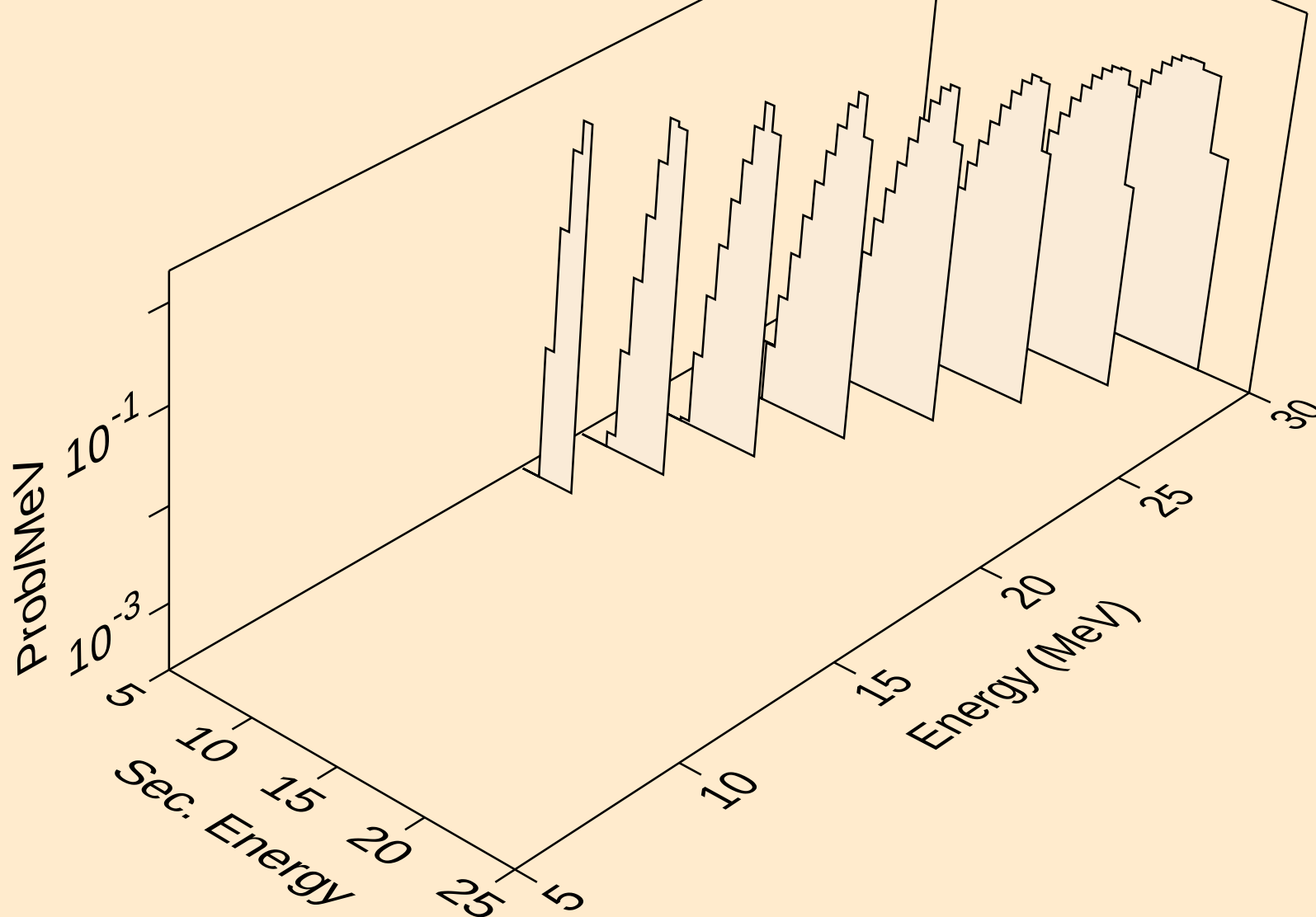
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



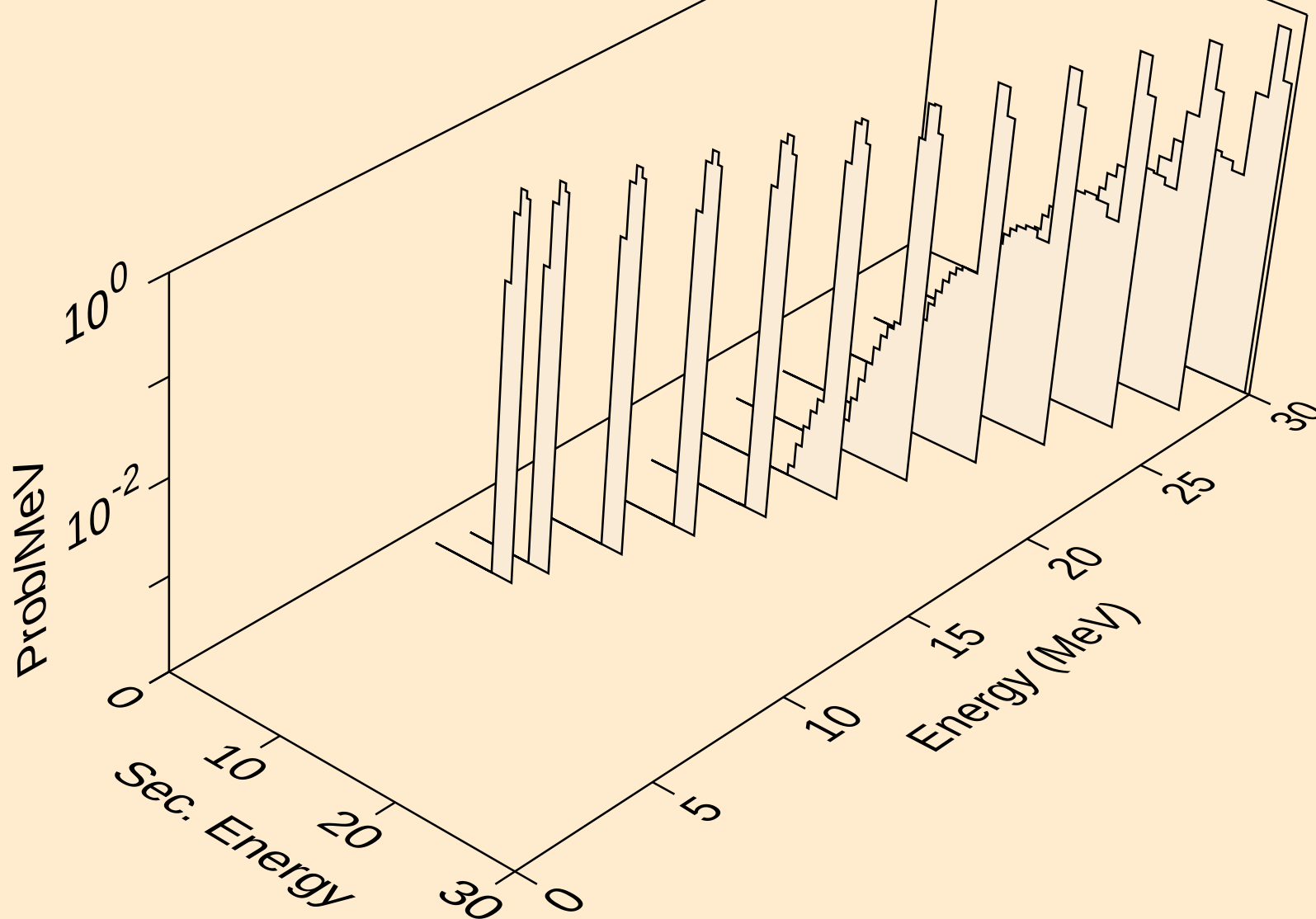
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



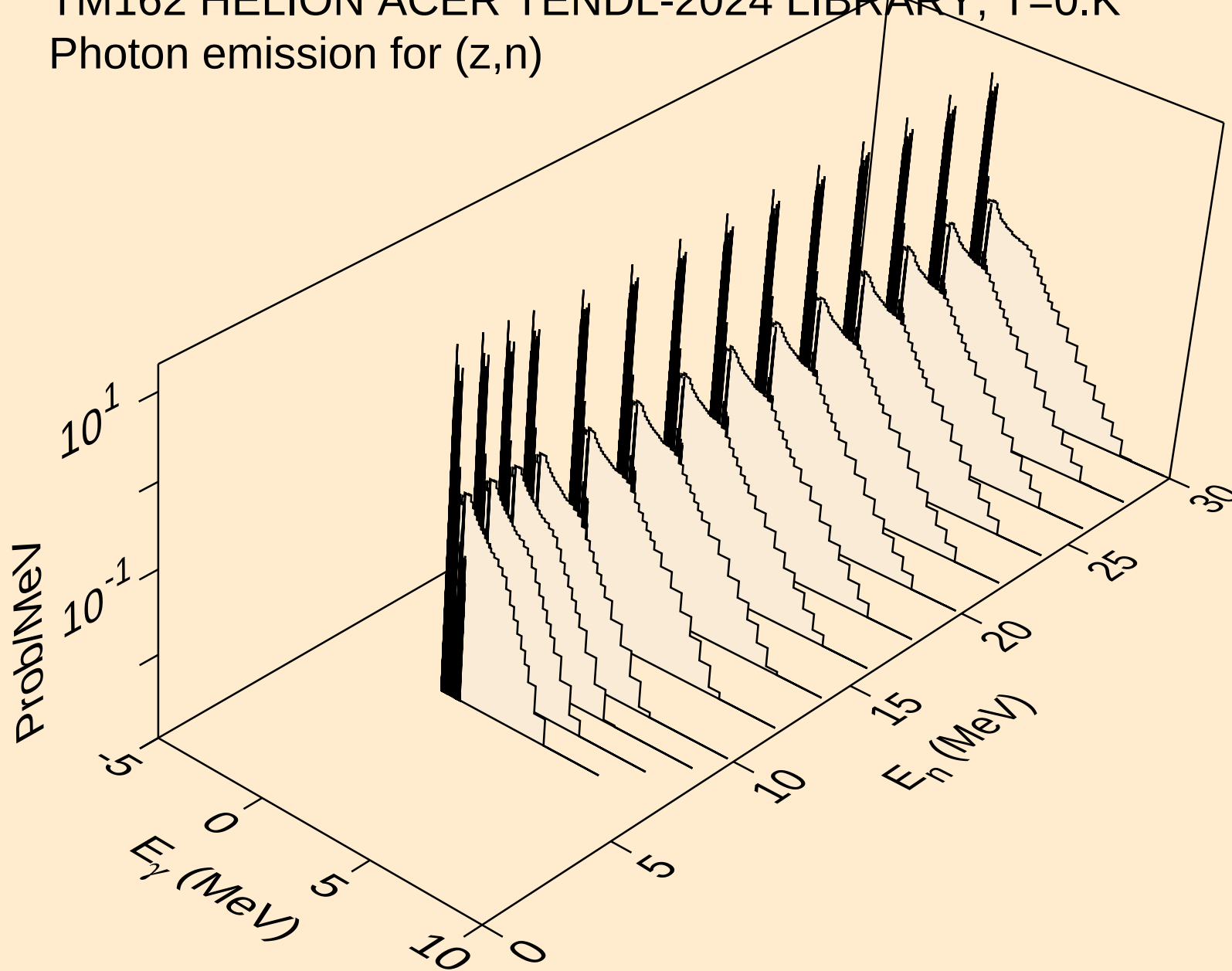
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



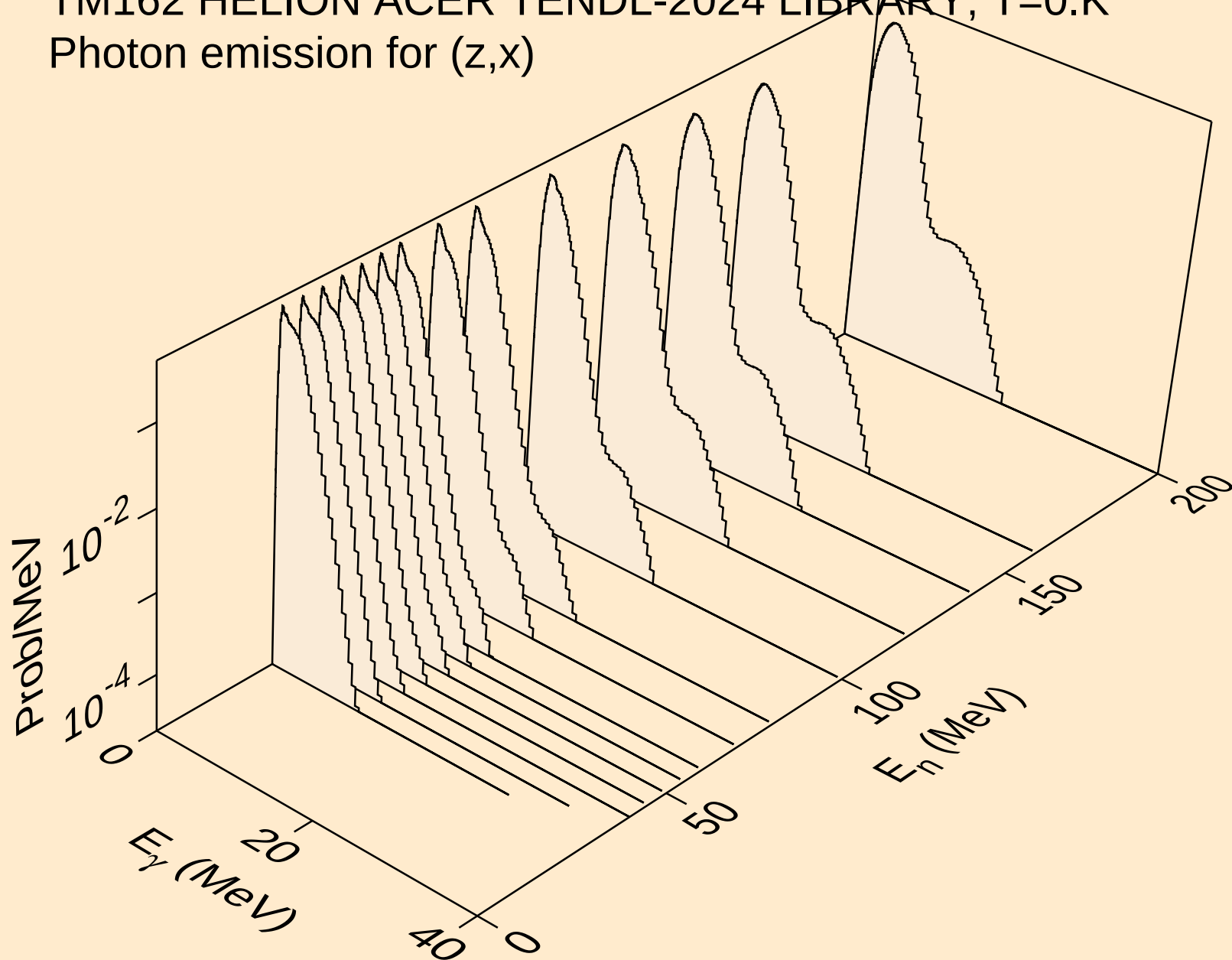
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



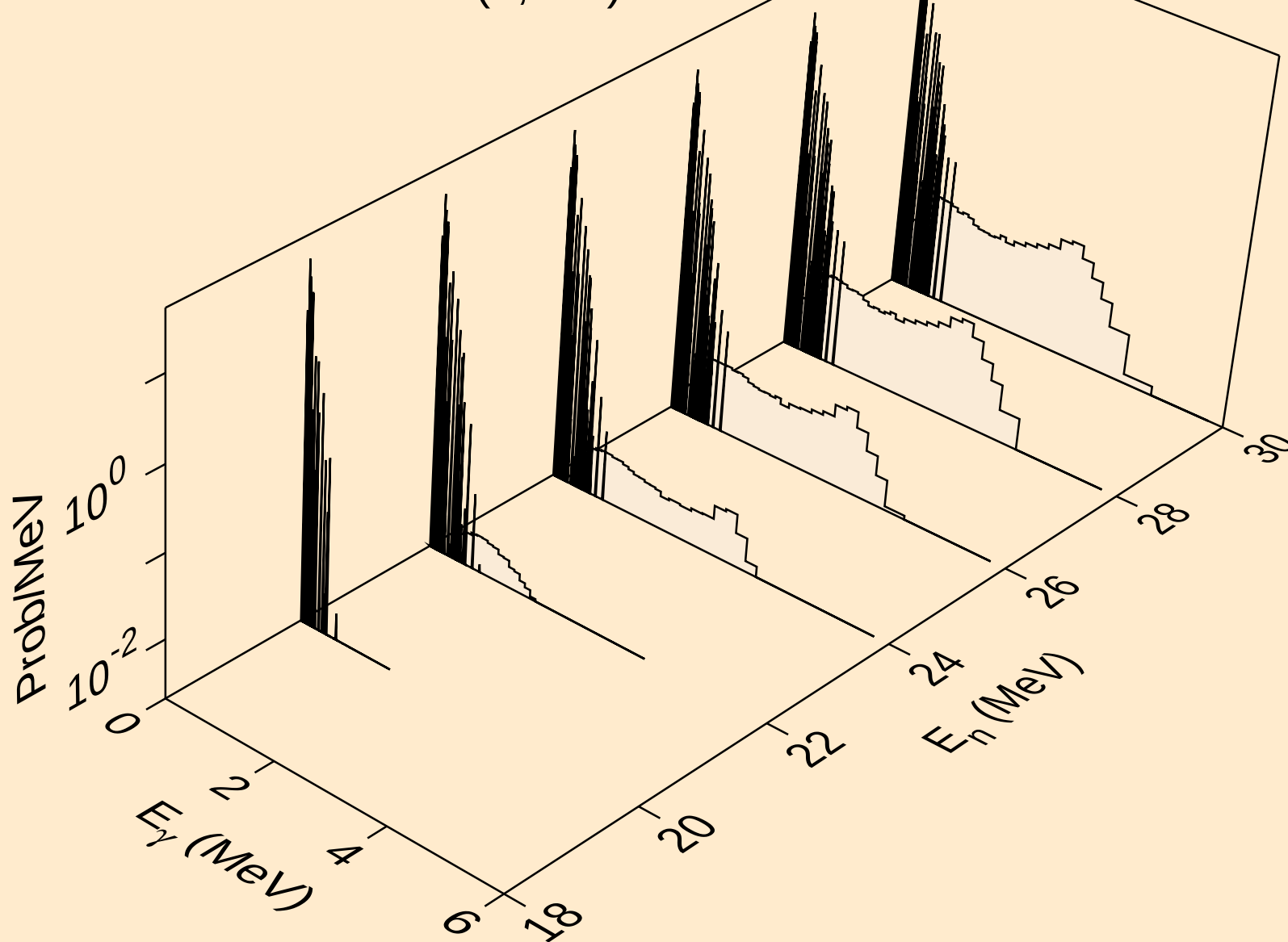
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



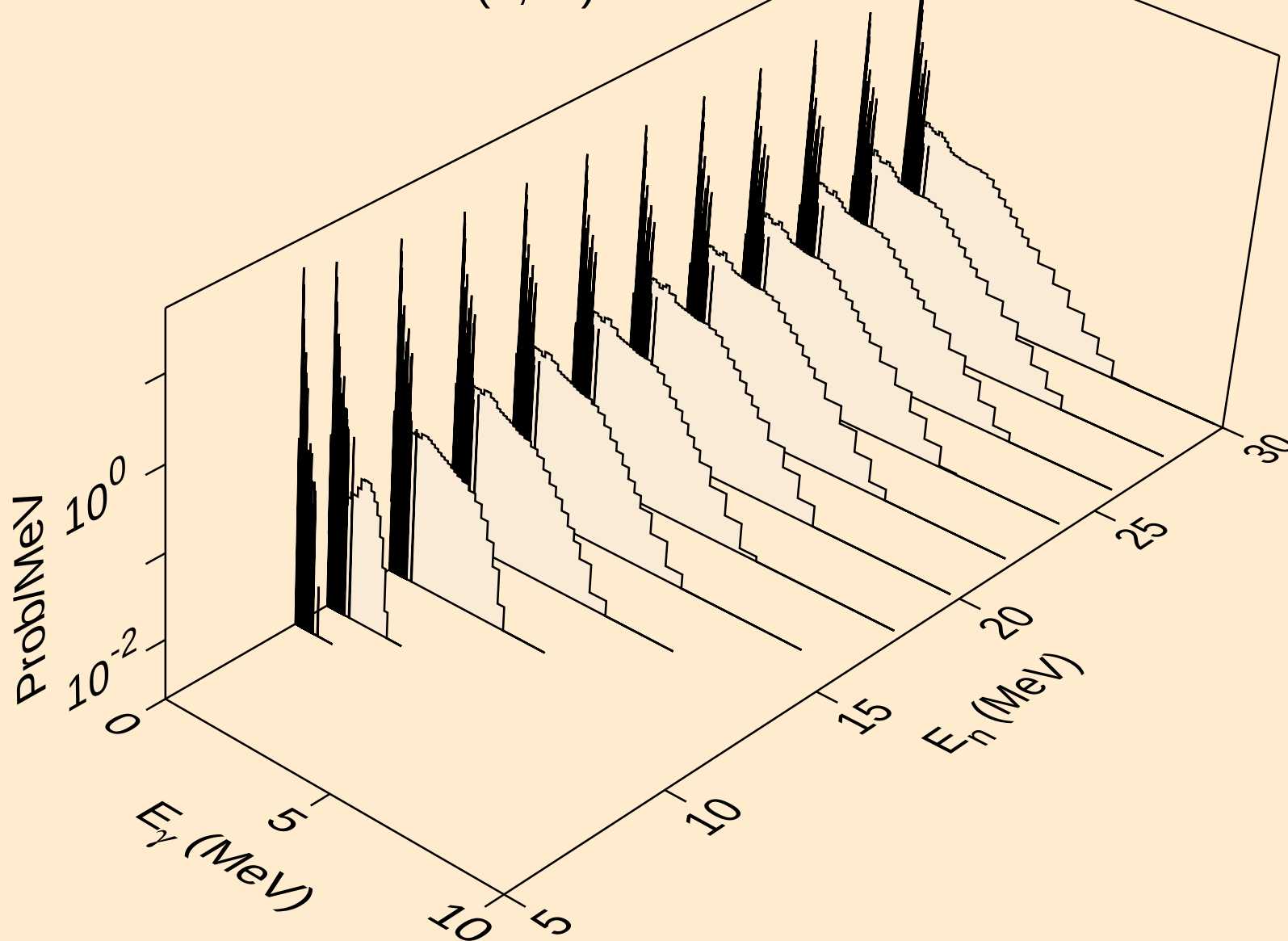
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



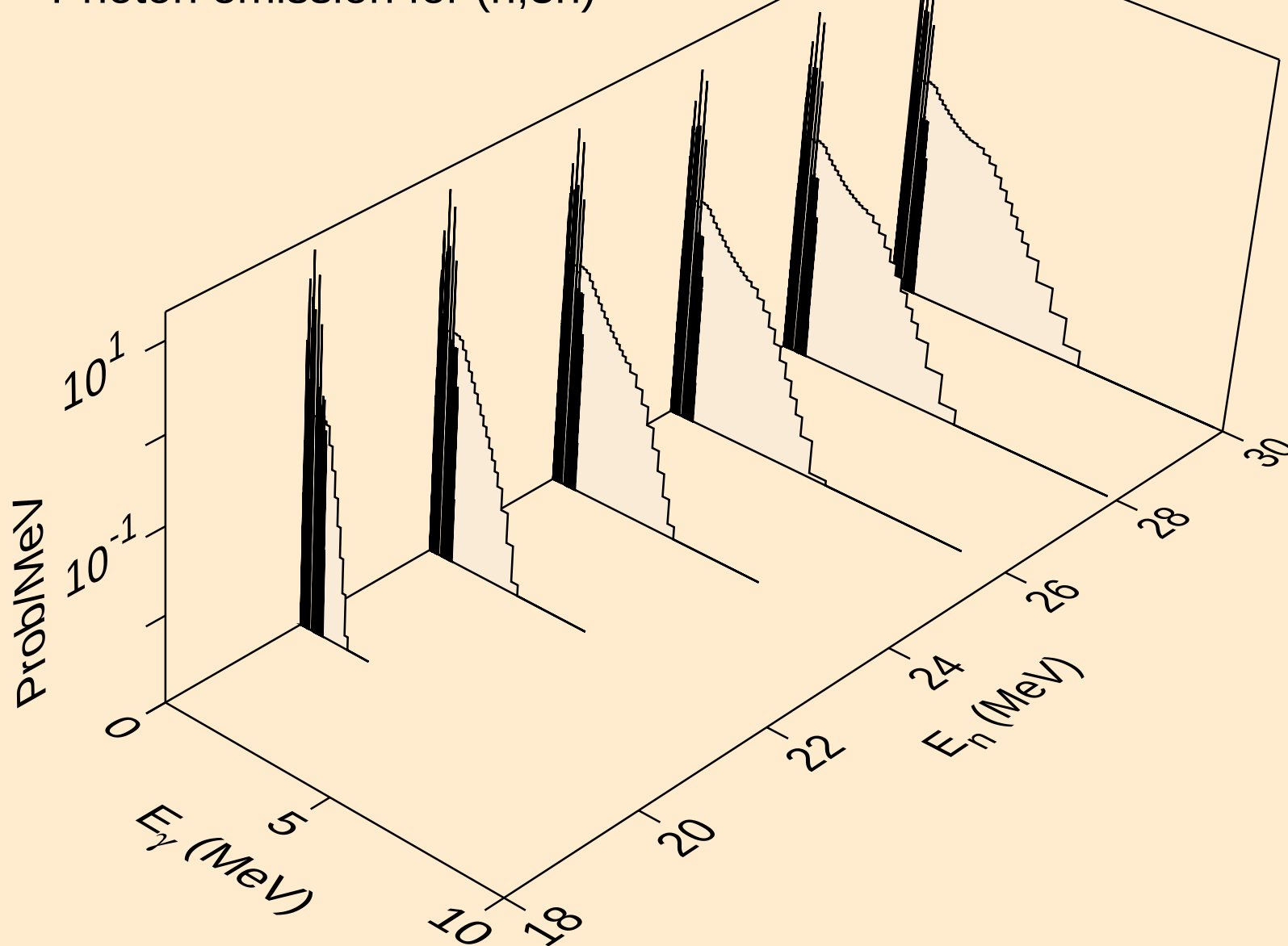
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



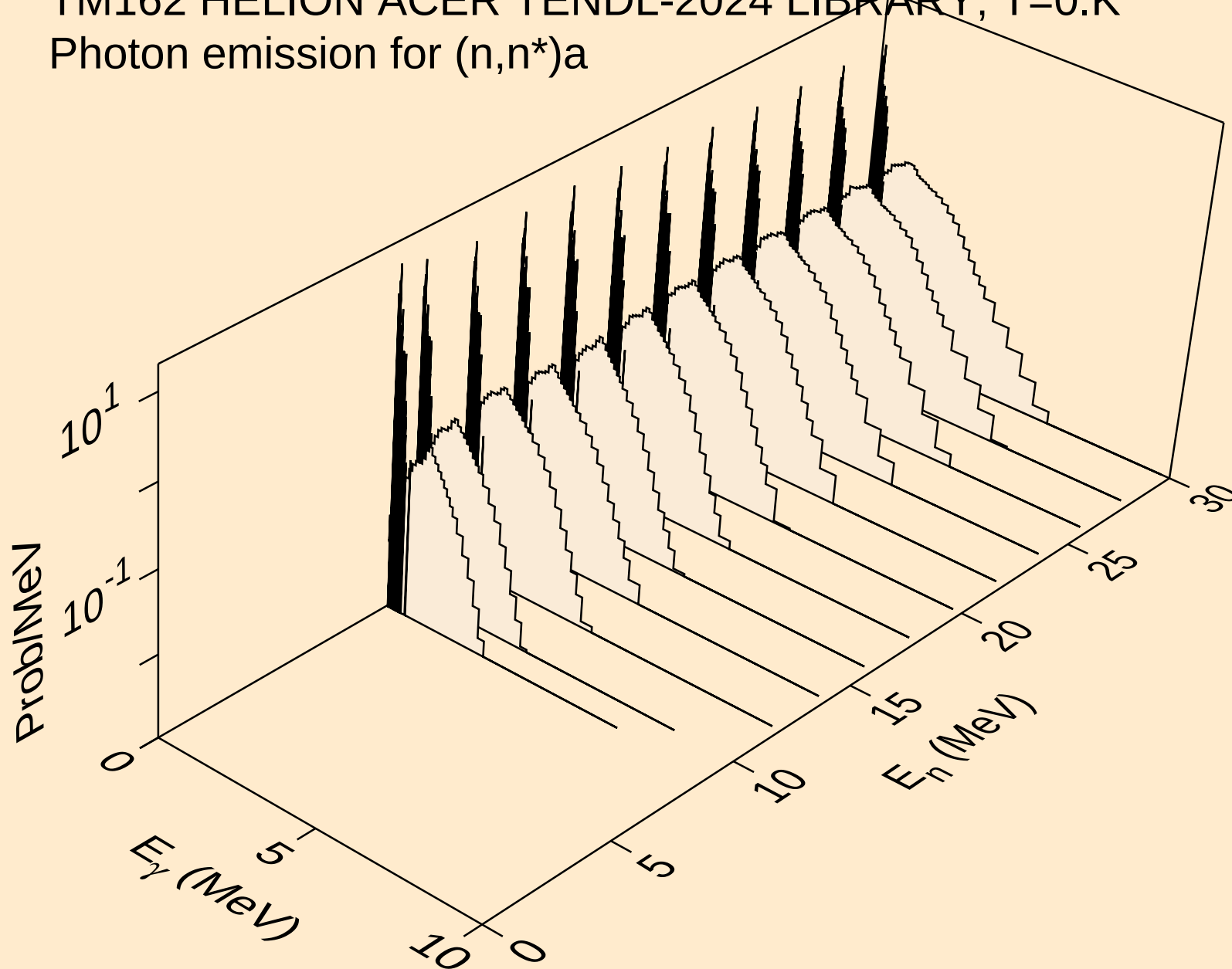
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

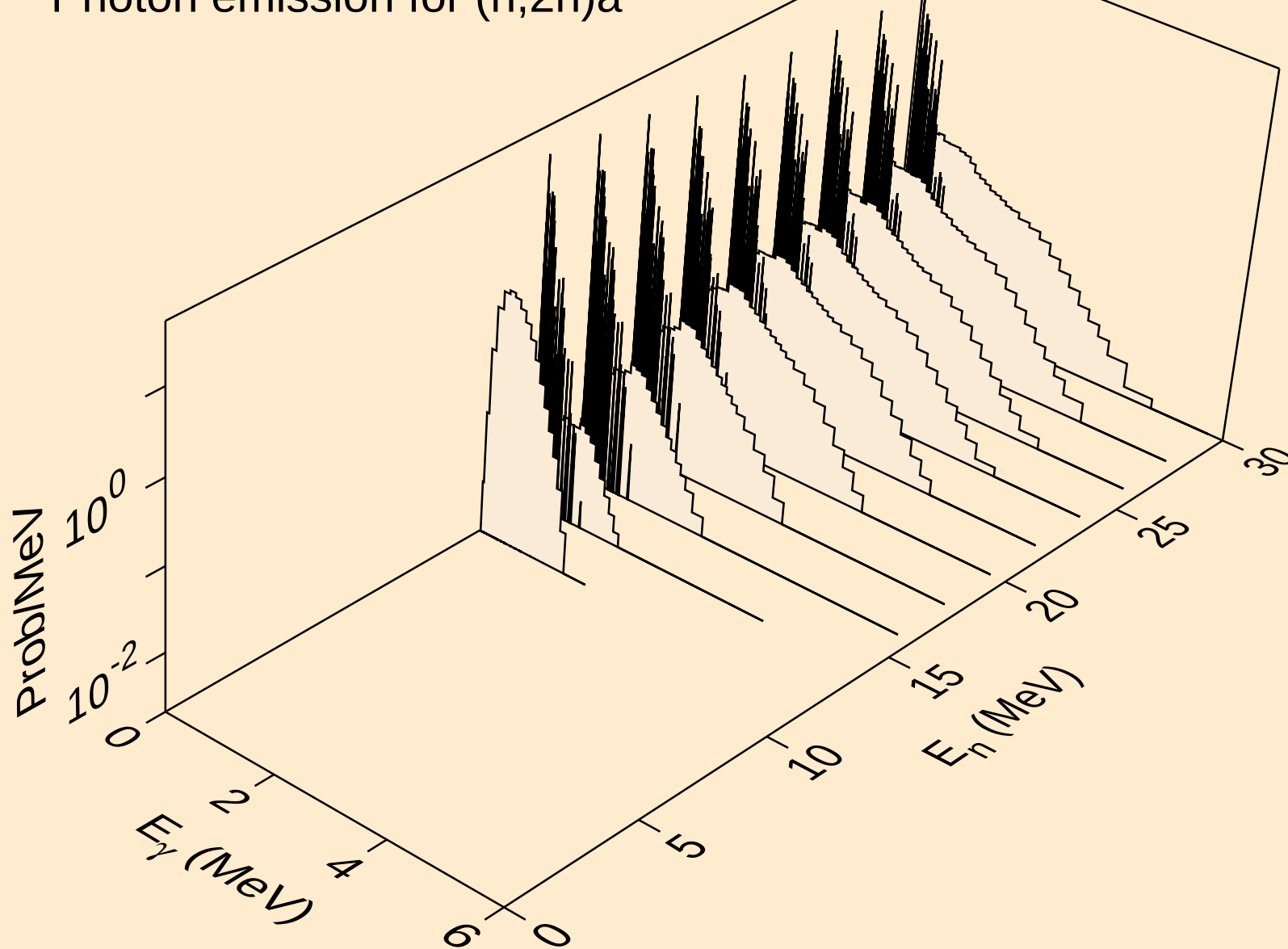


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



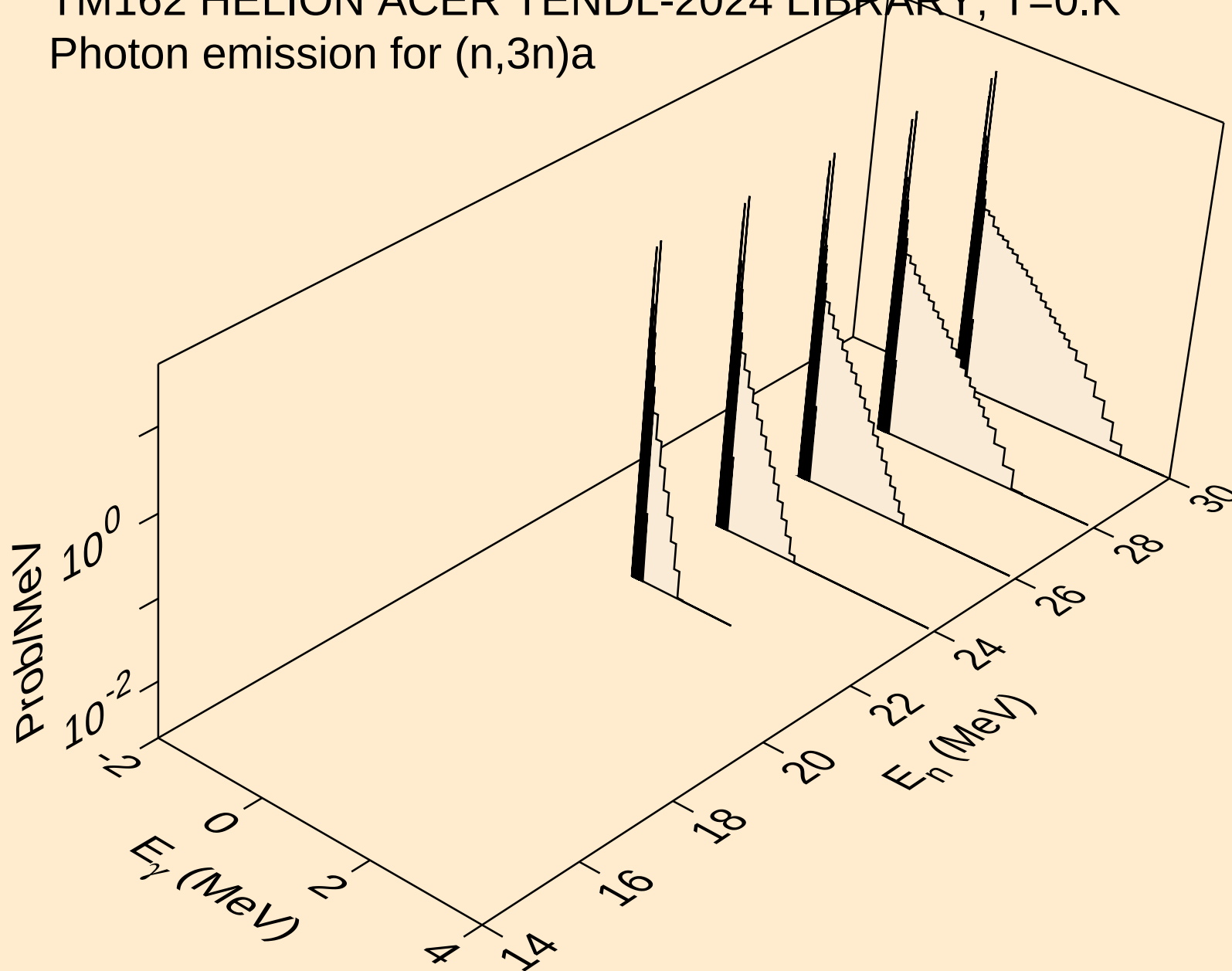
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

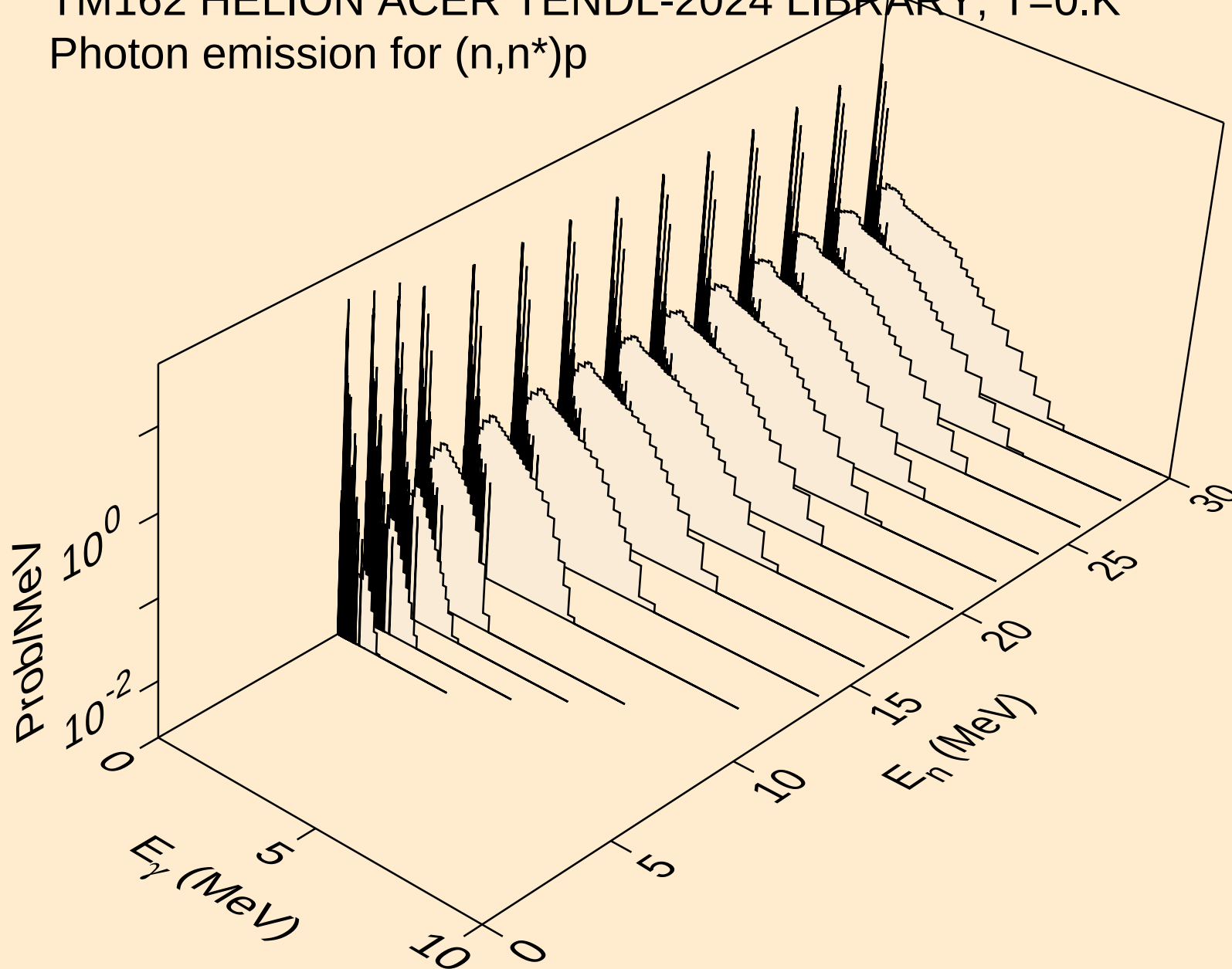


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a

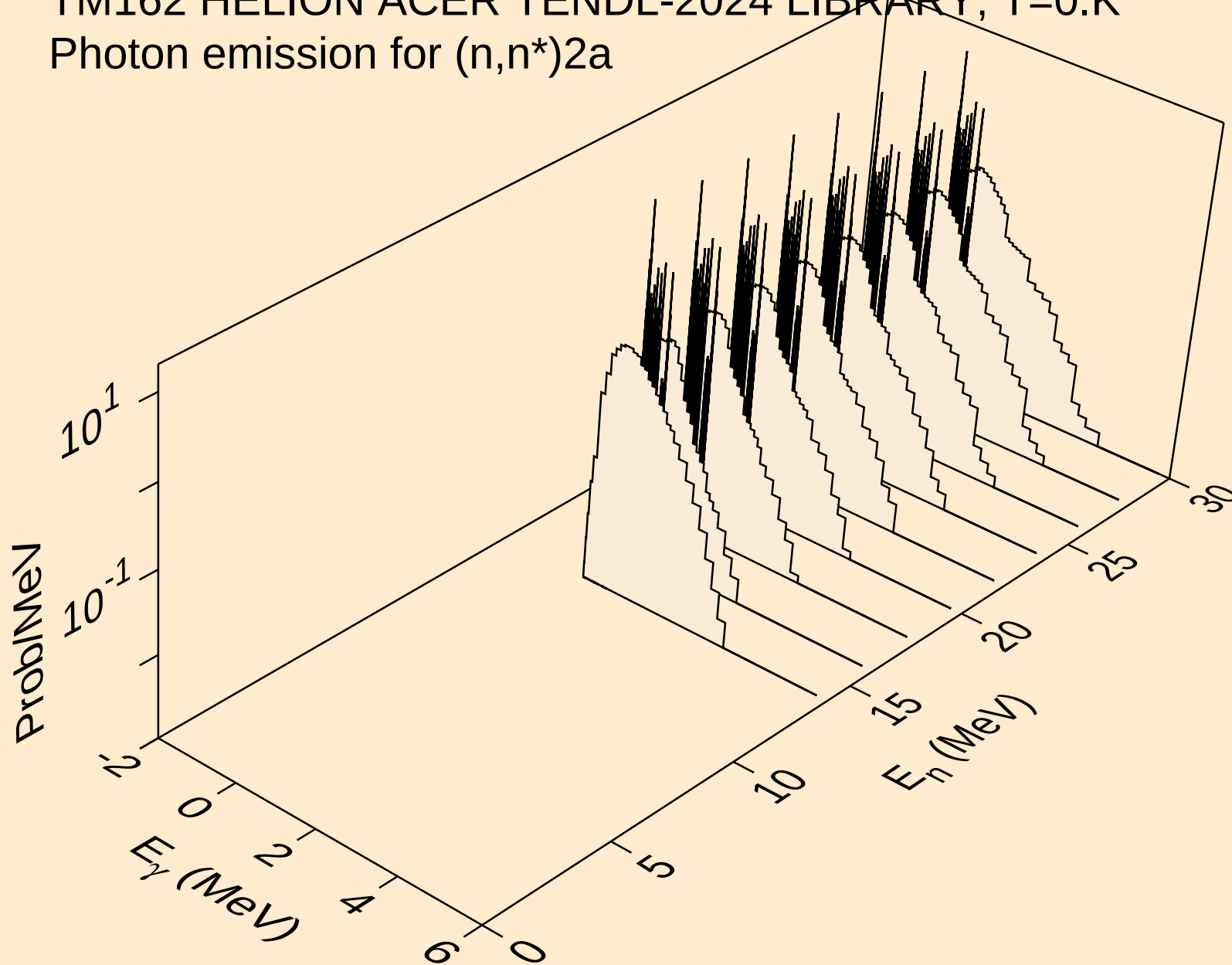


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

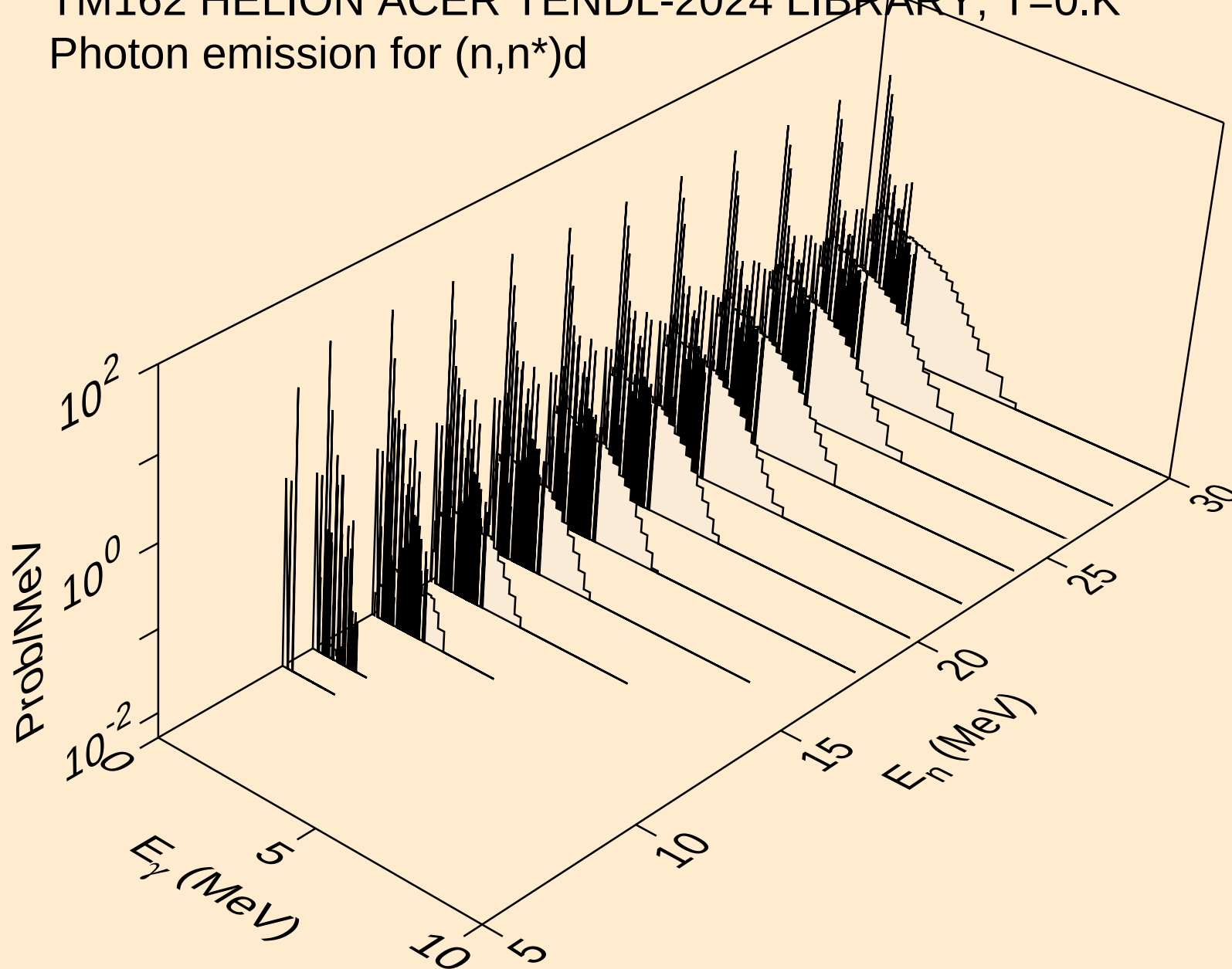


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)2a

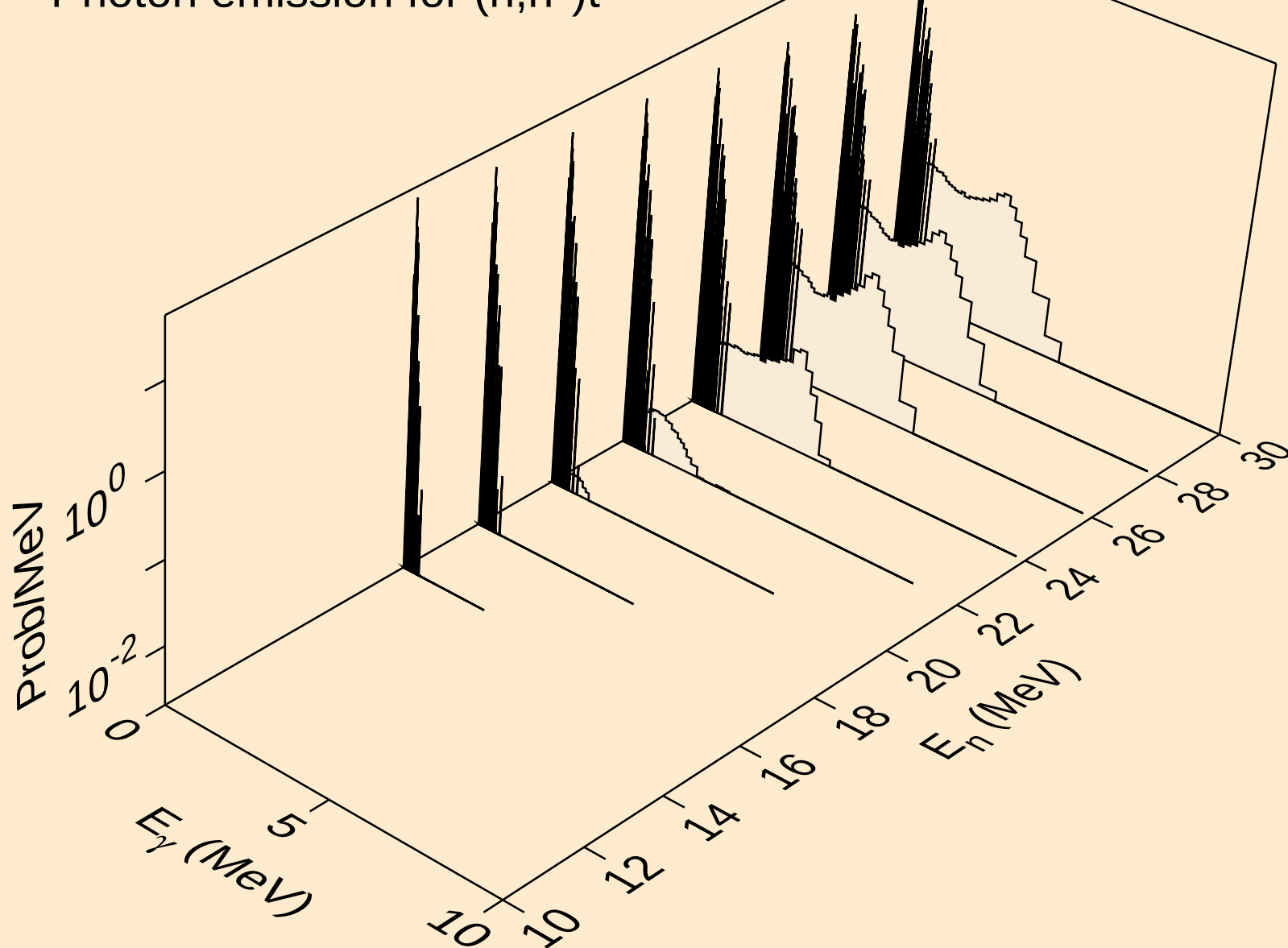


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

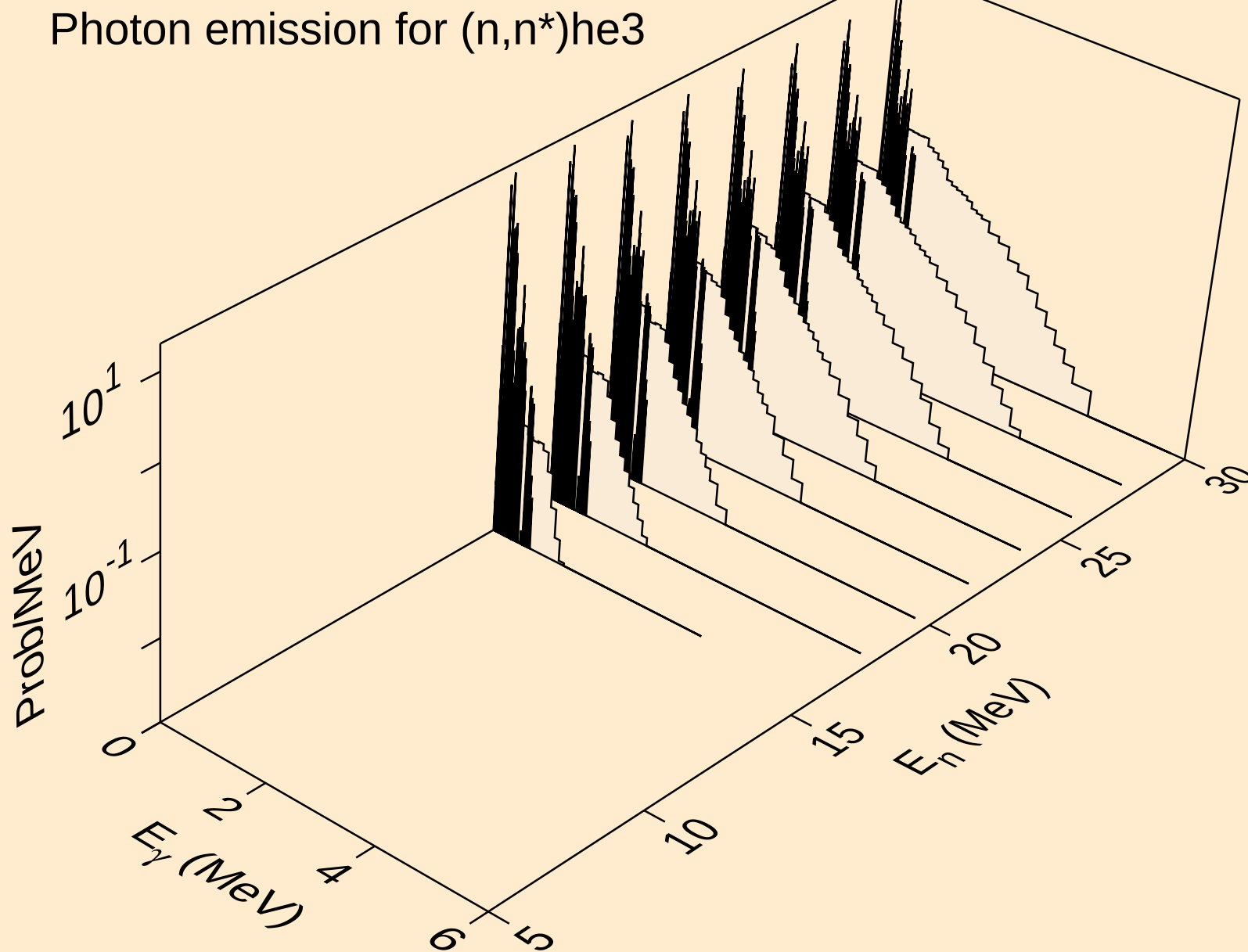


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

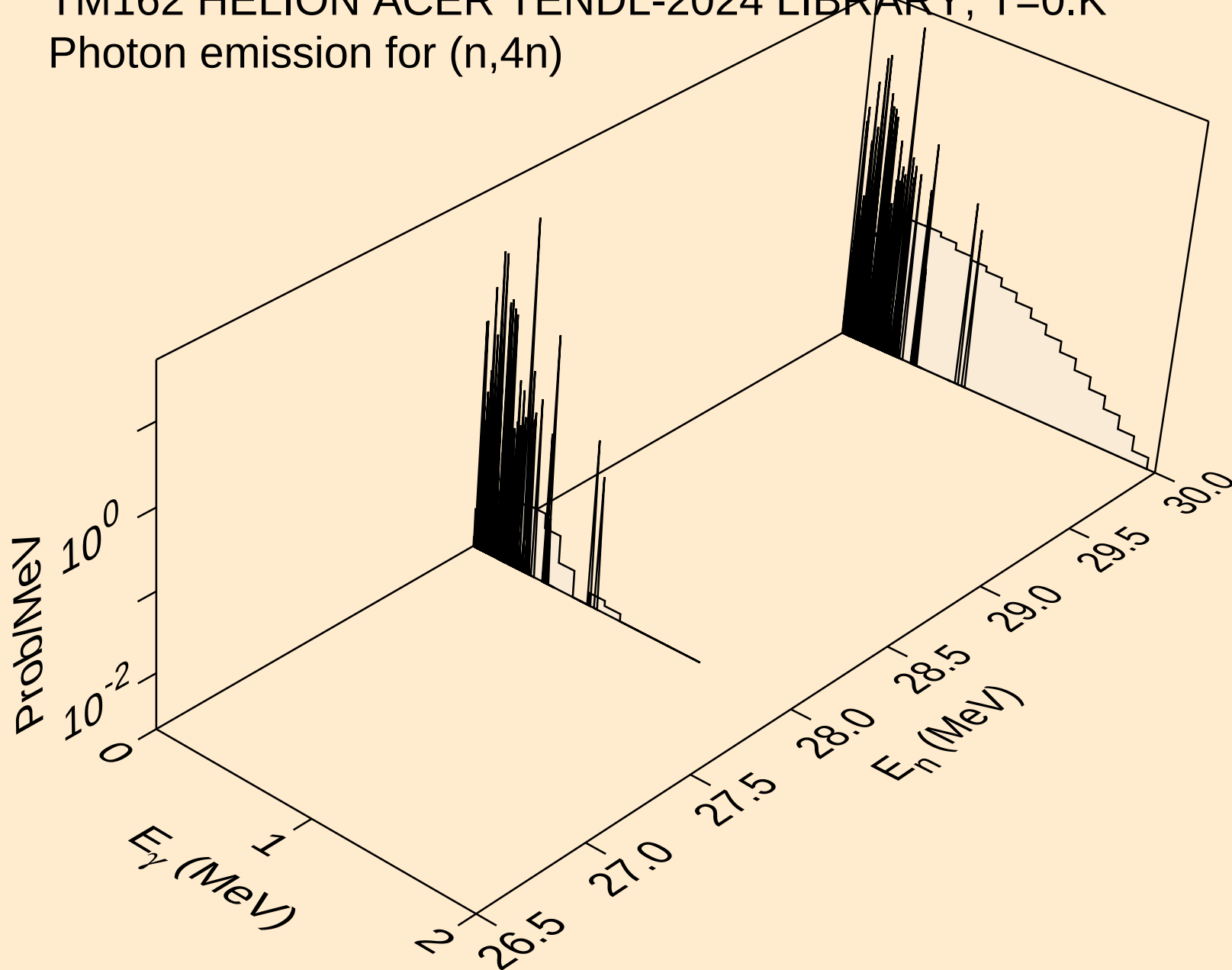
Photon emission for (n,n\*)t



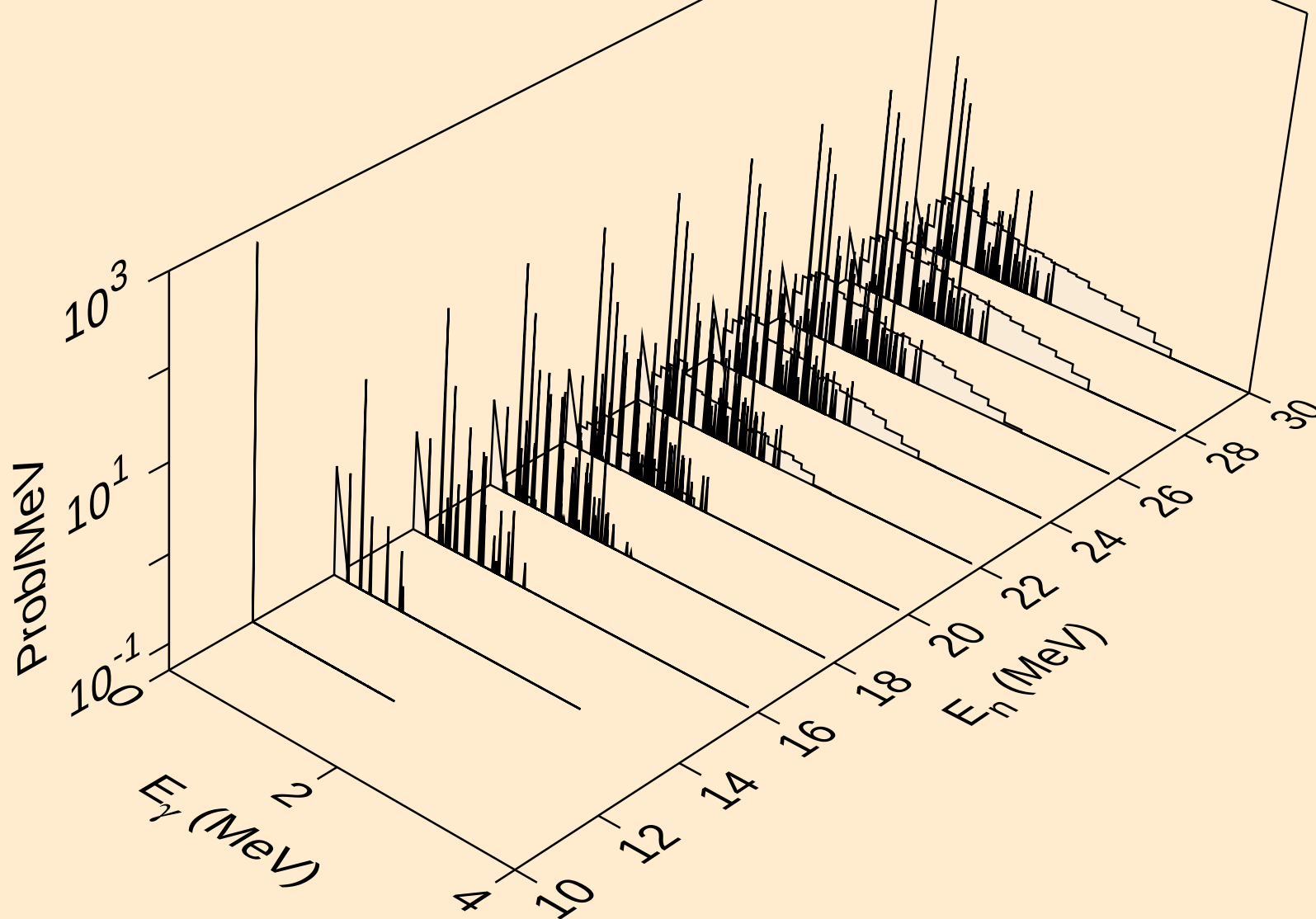
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



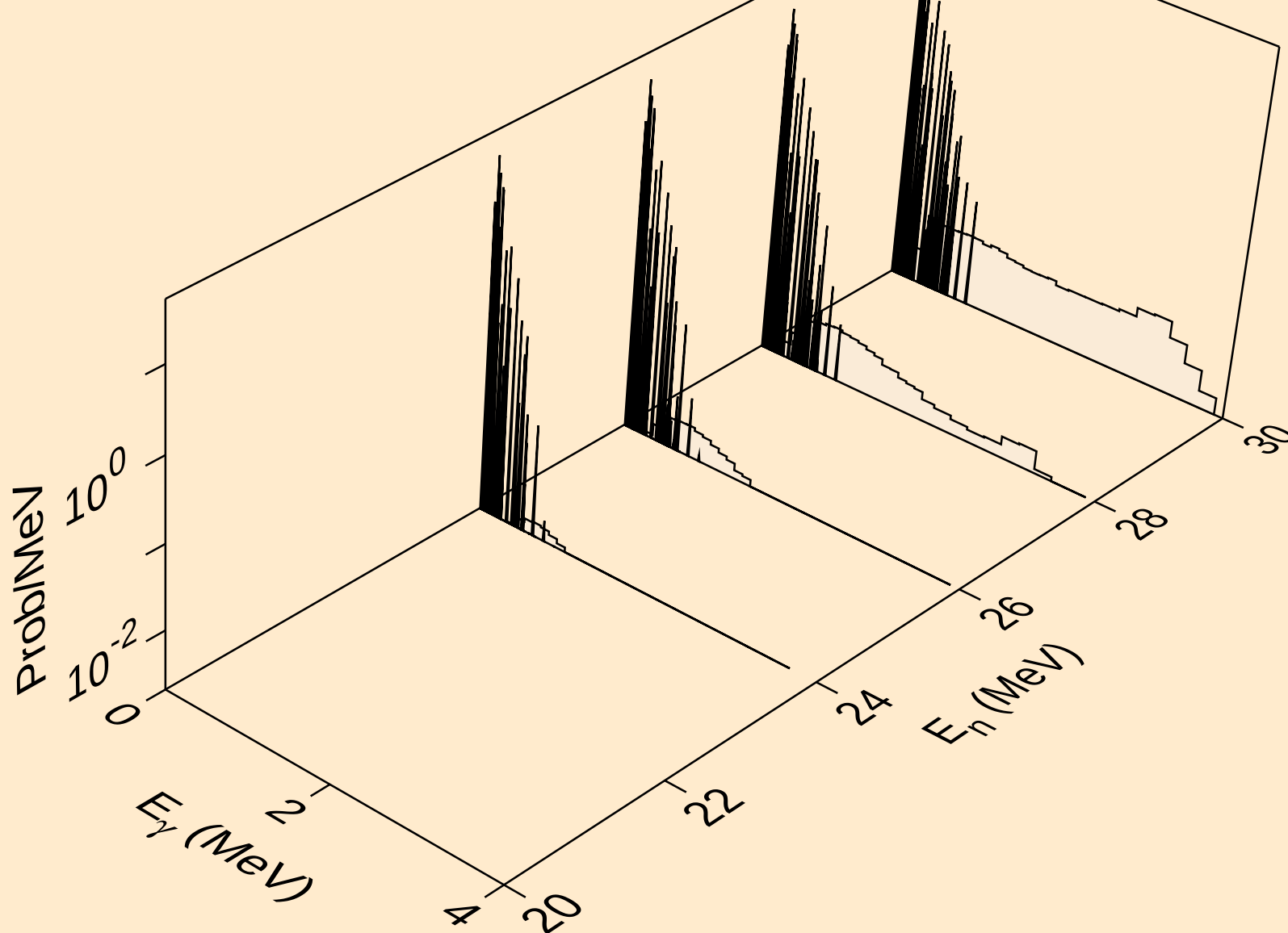
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



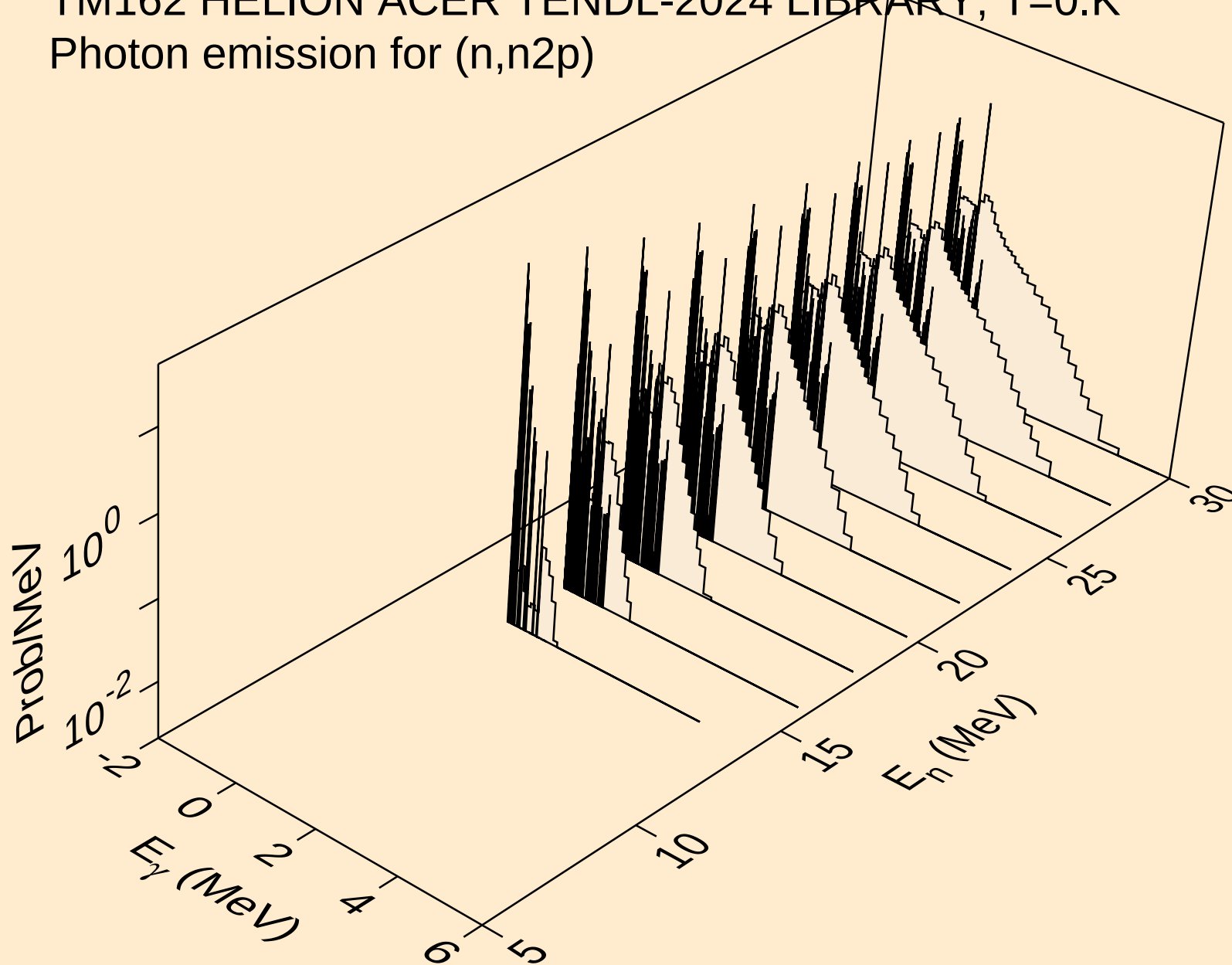
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



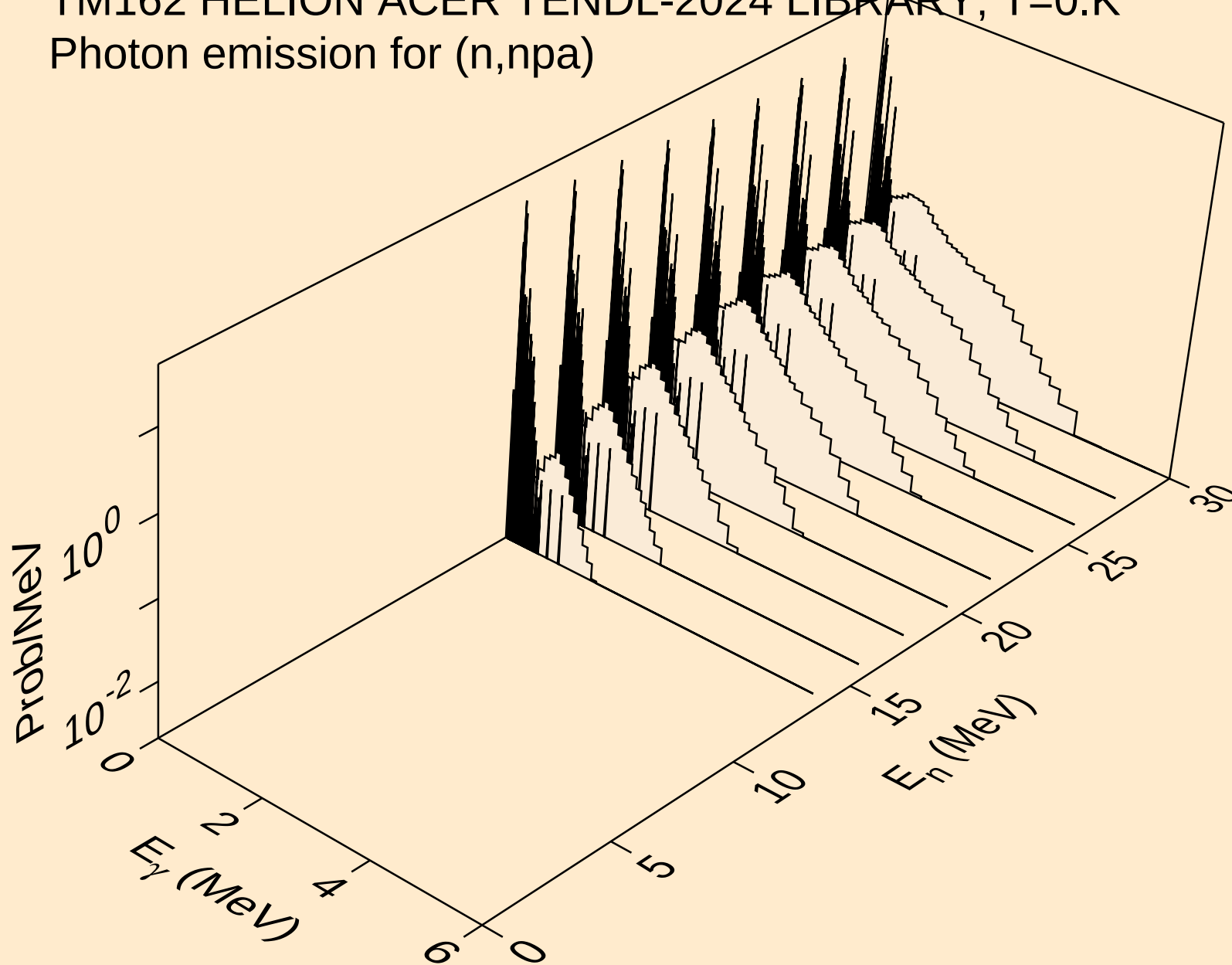
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



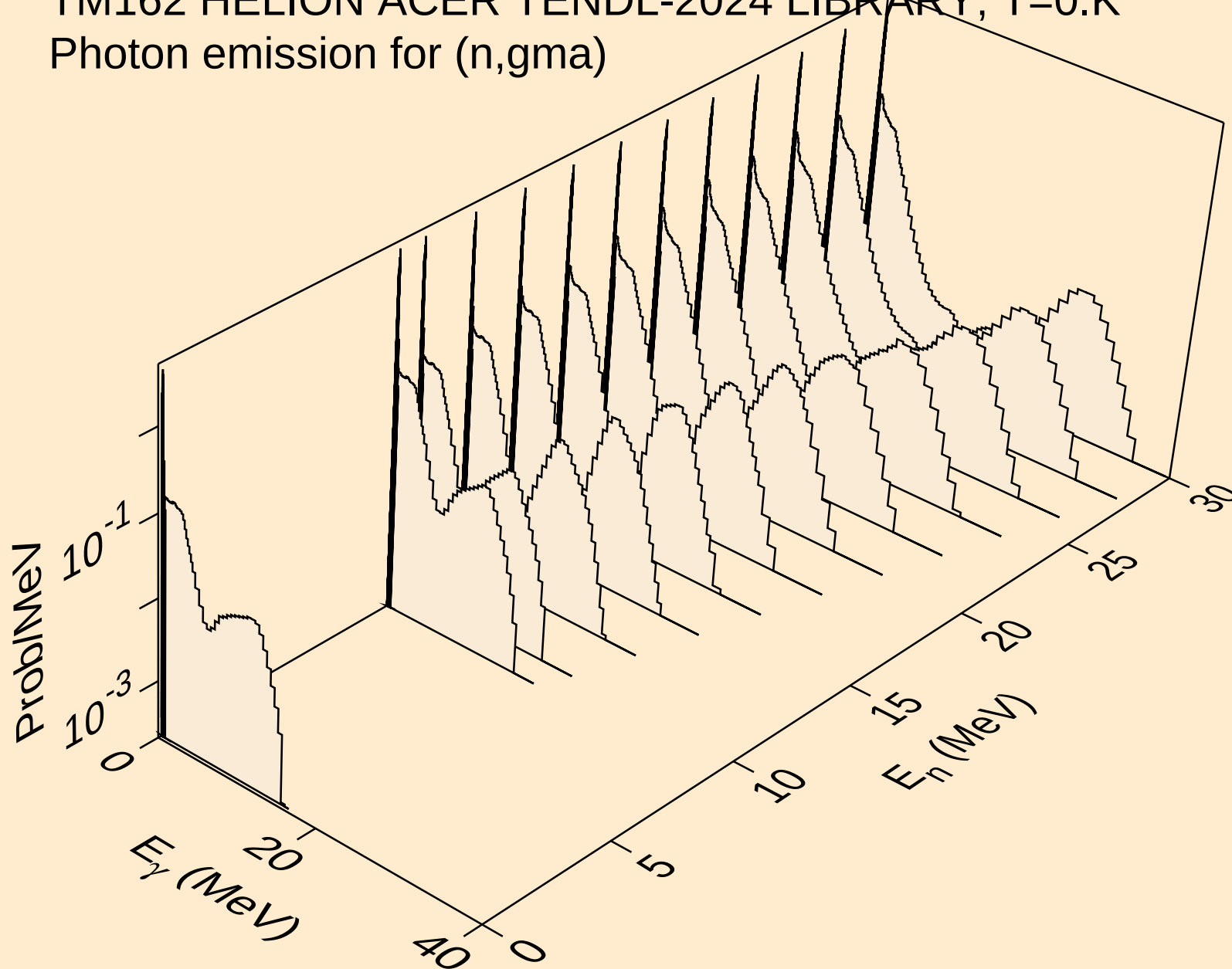
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



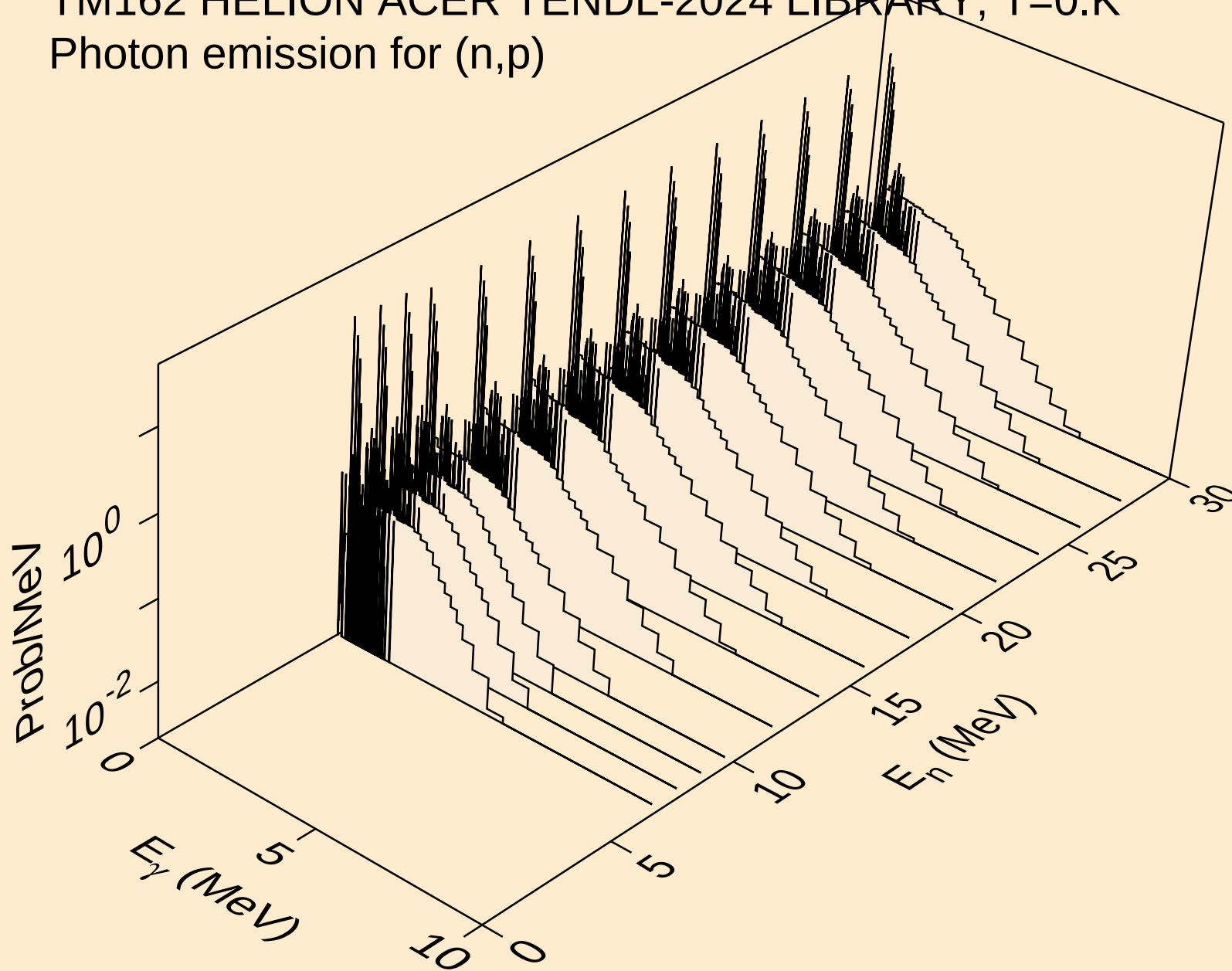
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



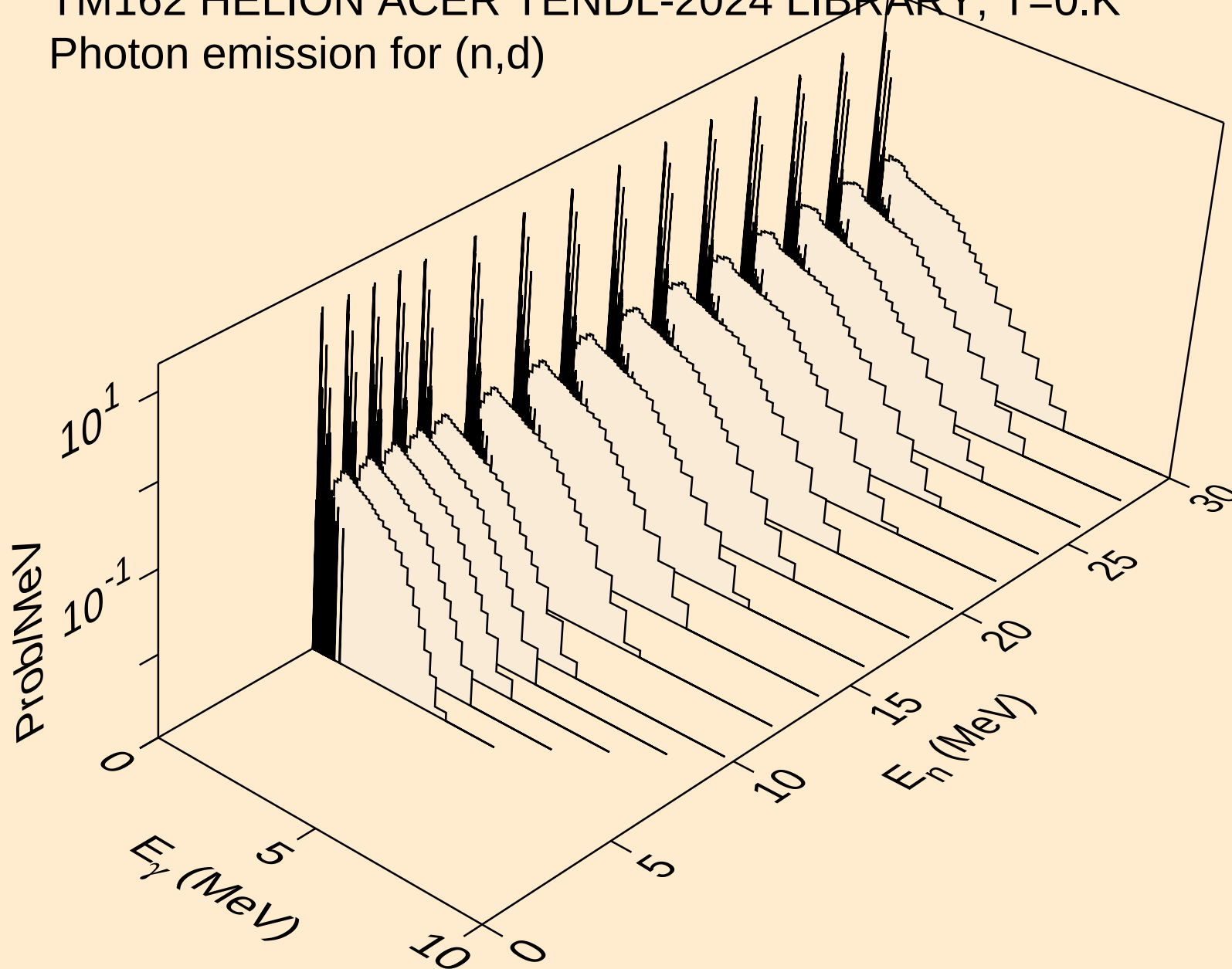
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



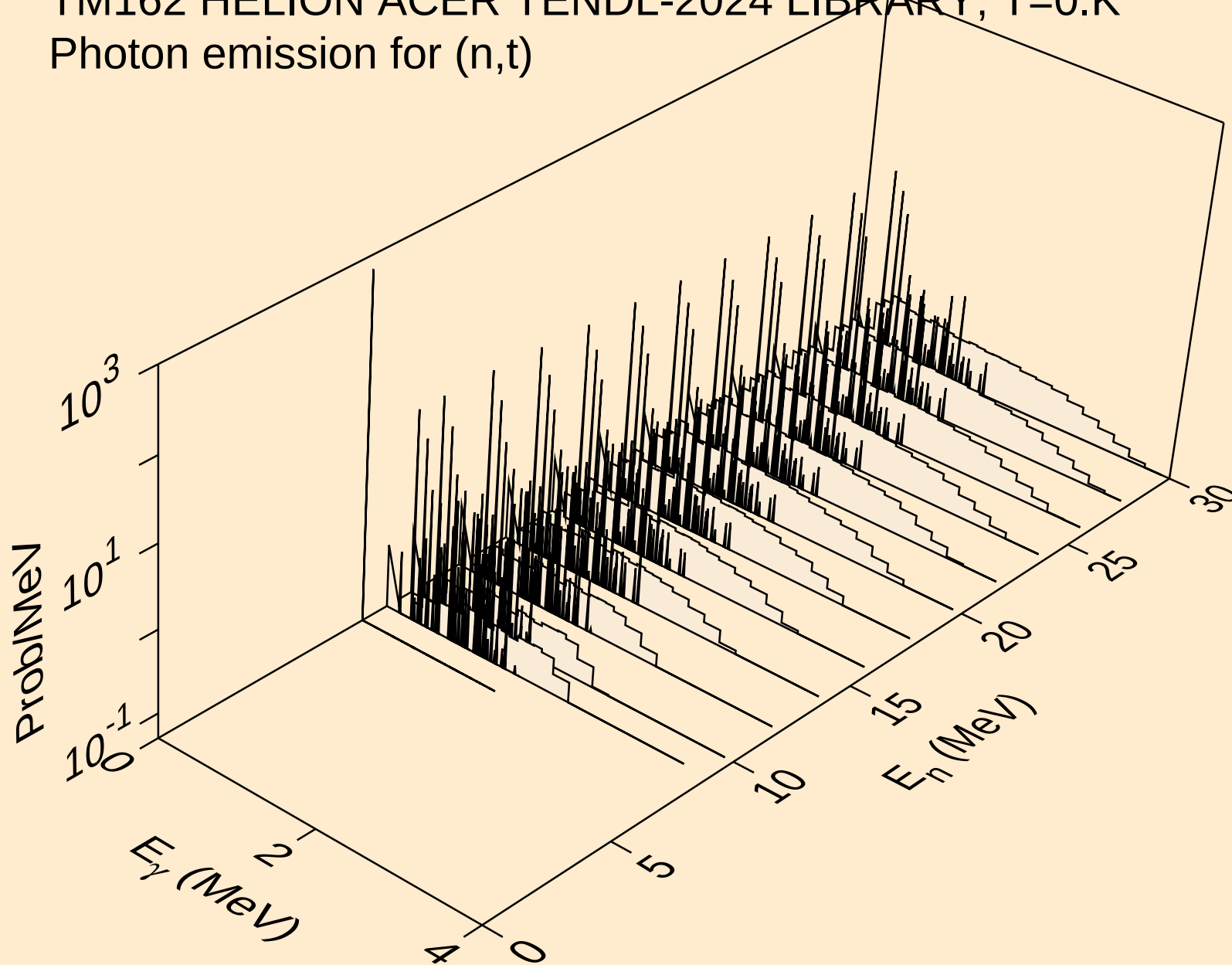
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



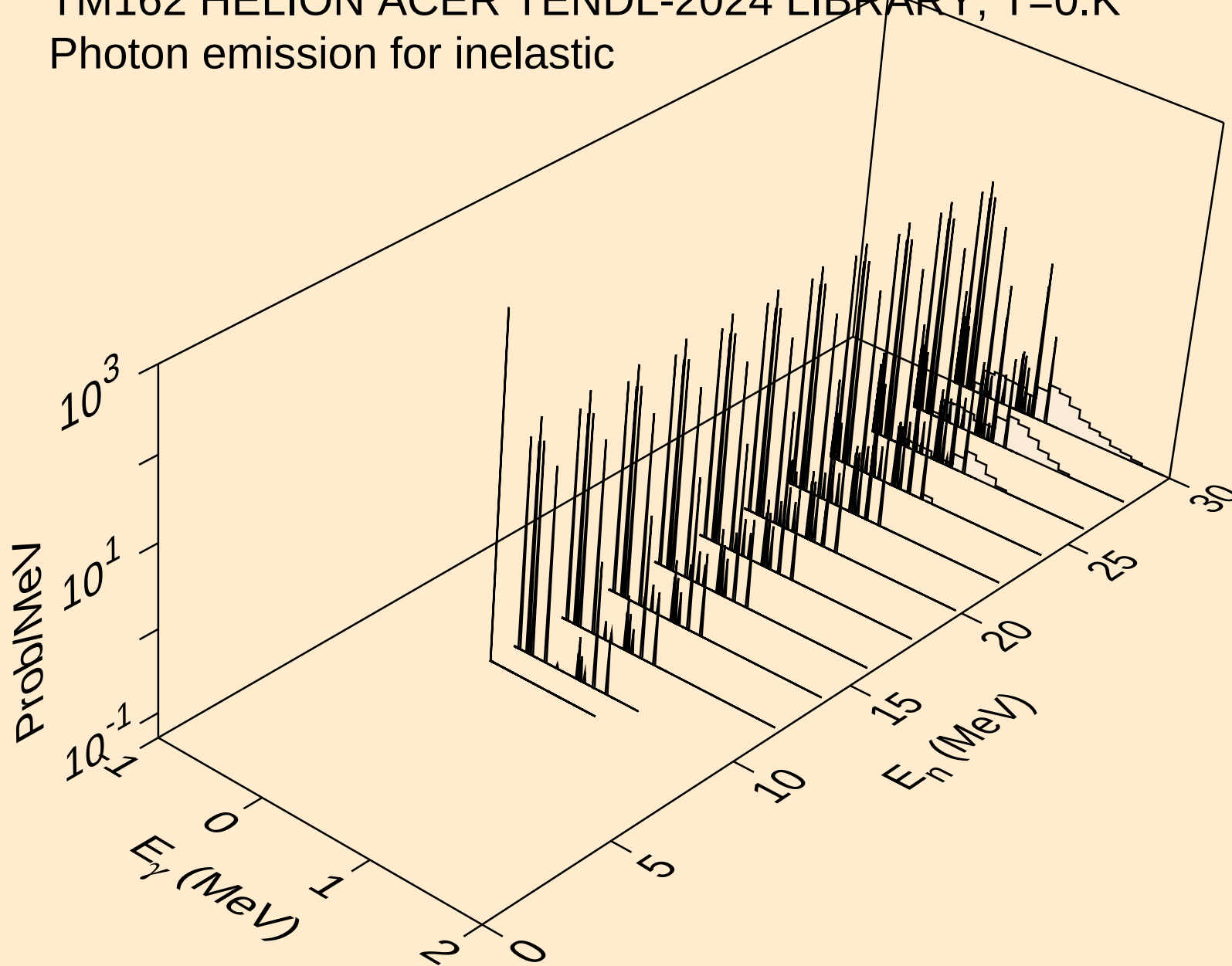
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



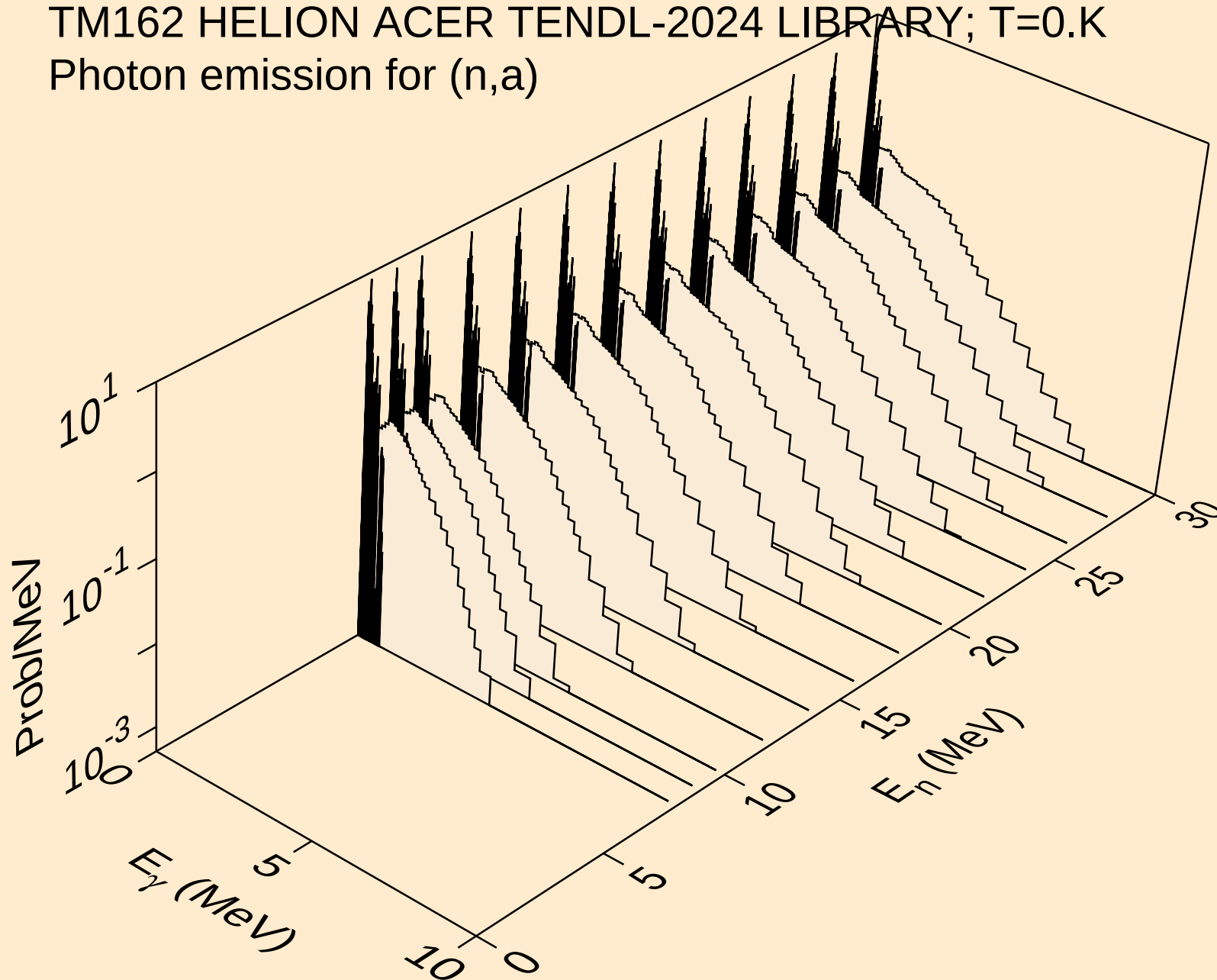
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



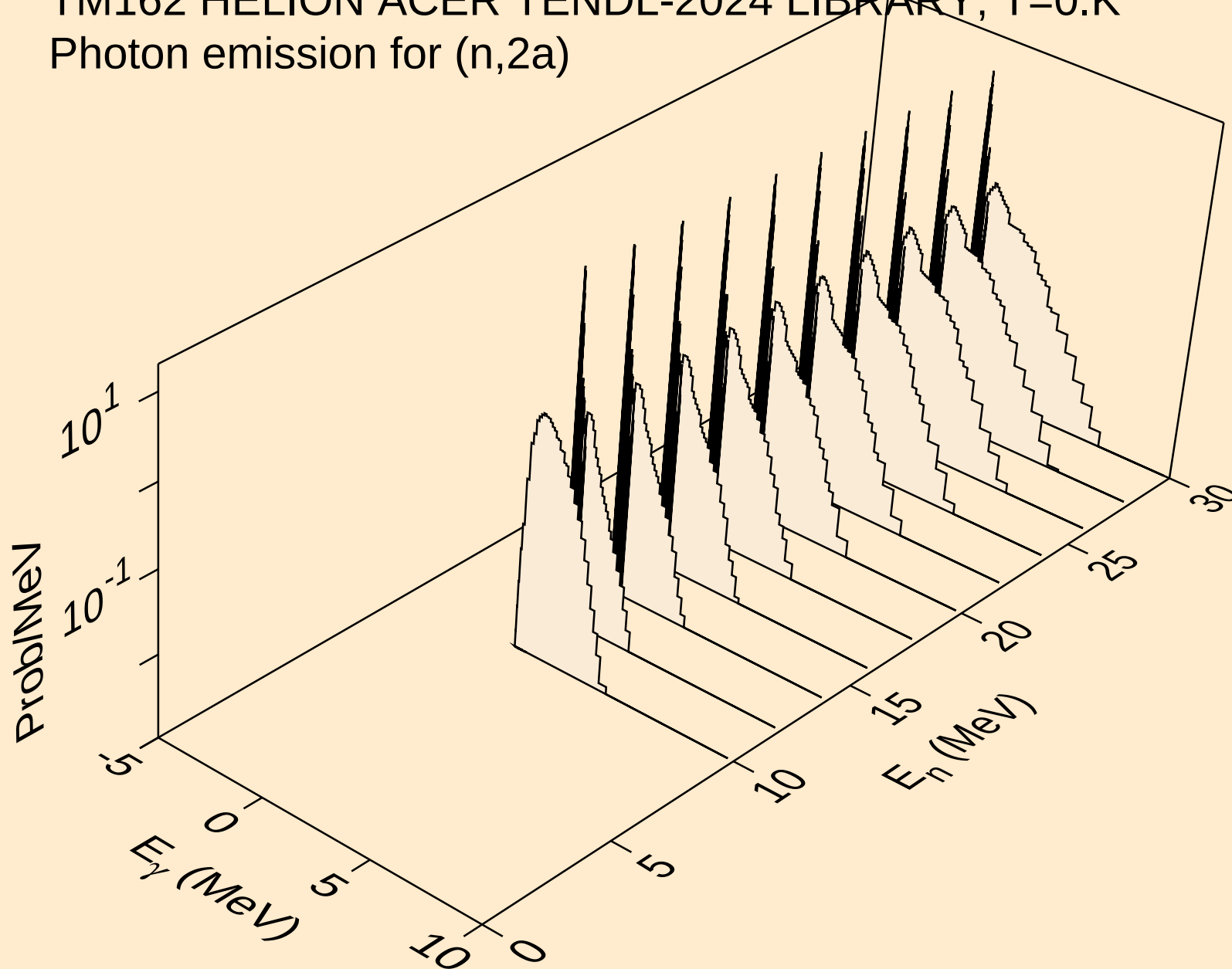
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



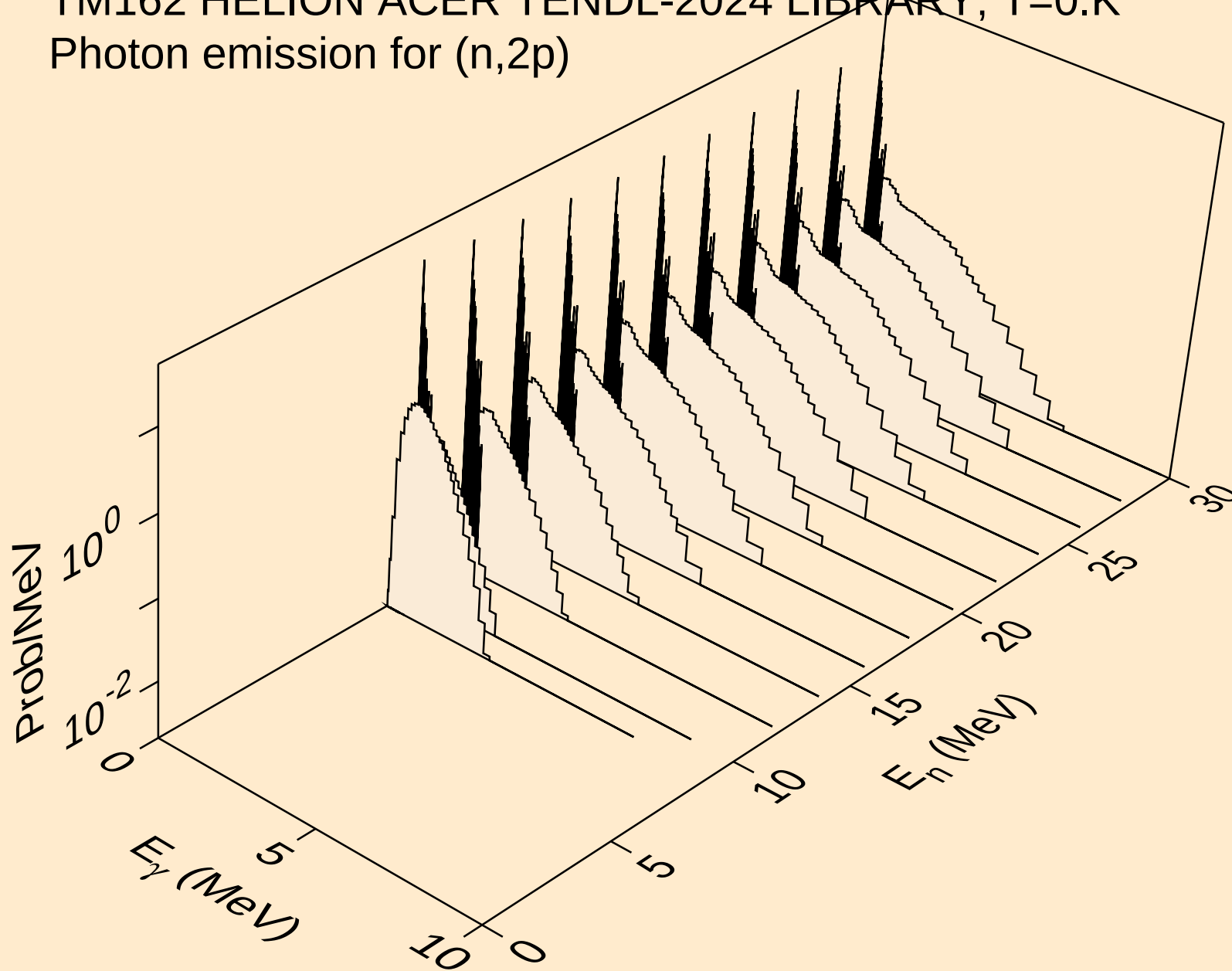
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



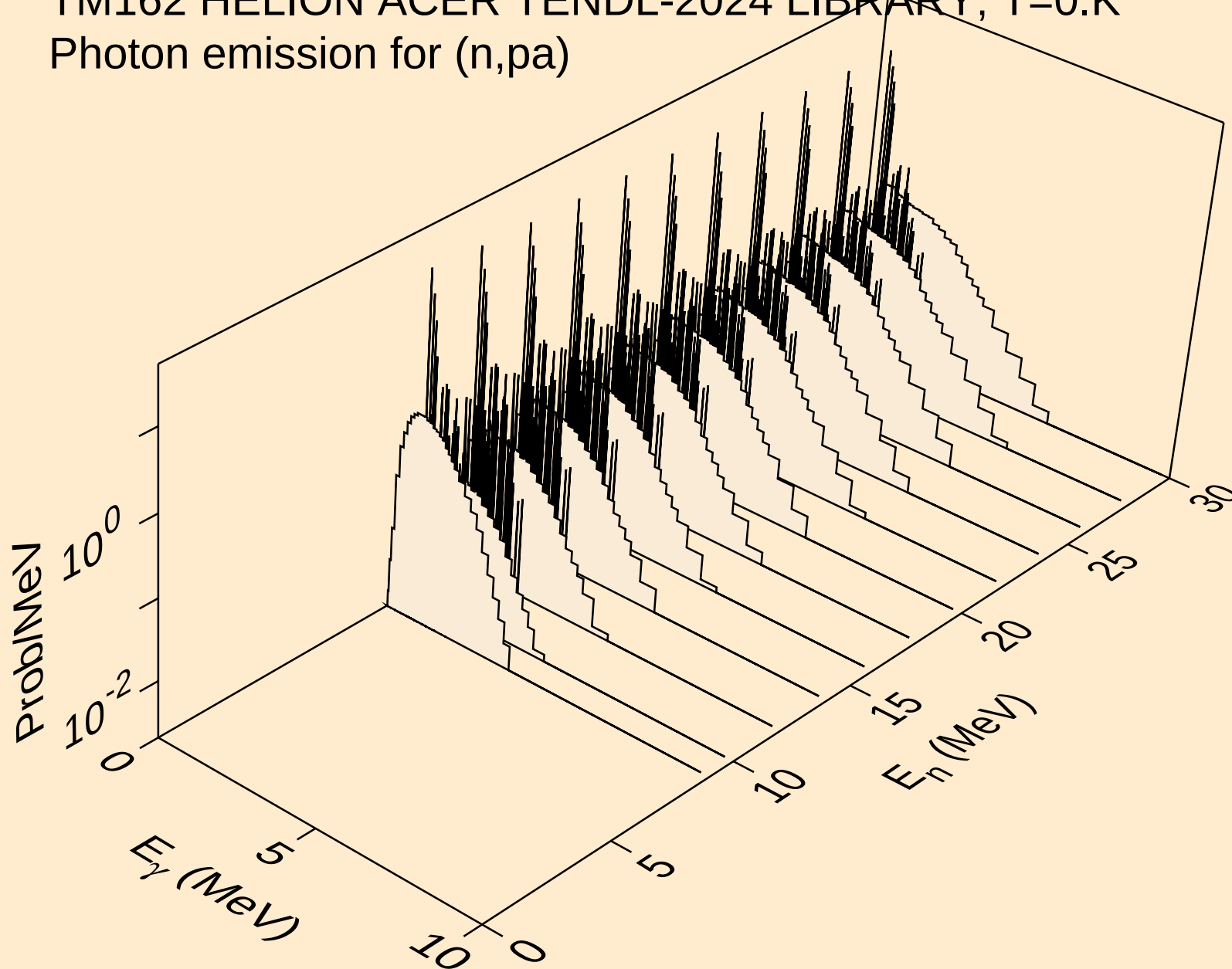
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



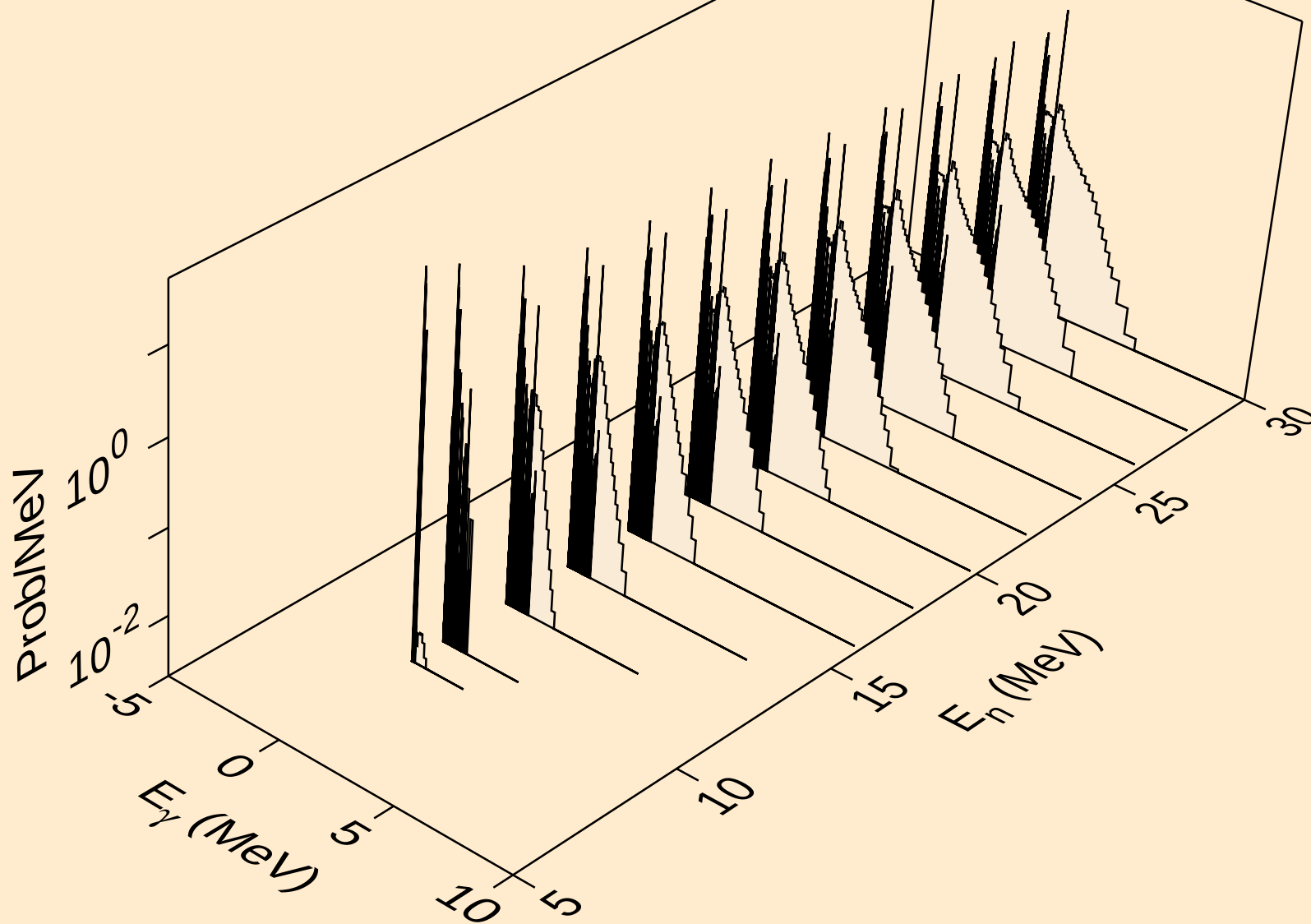
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



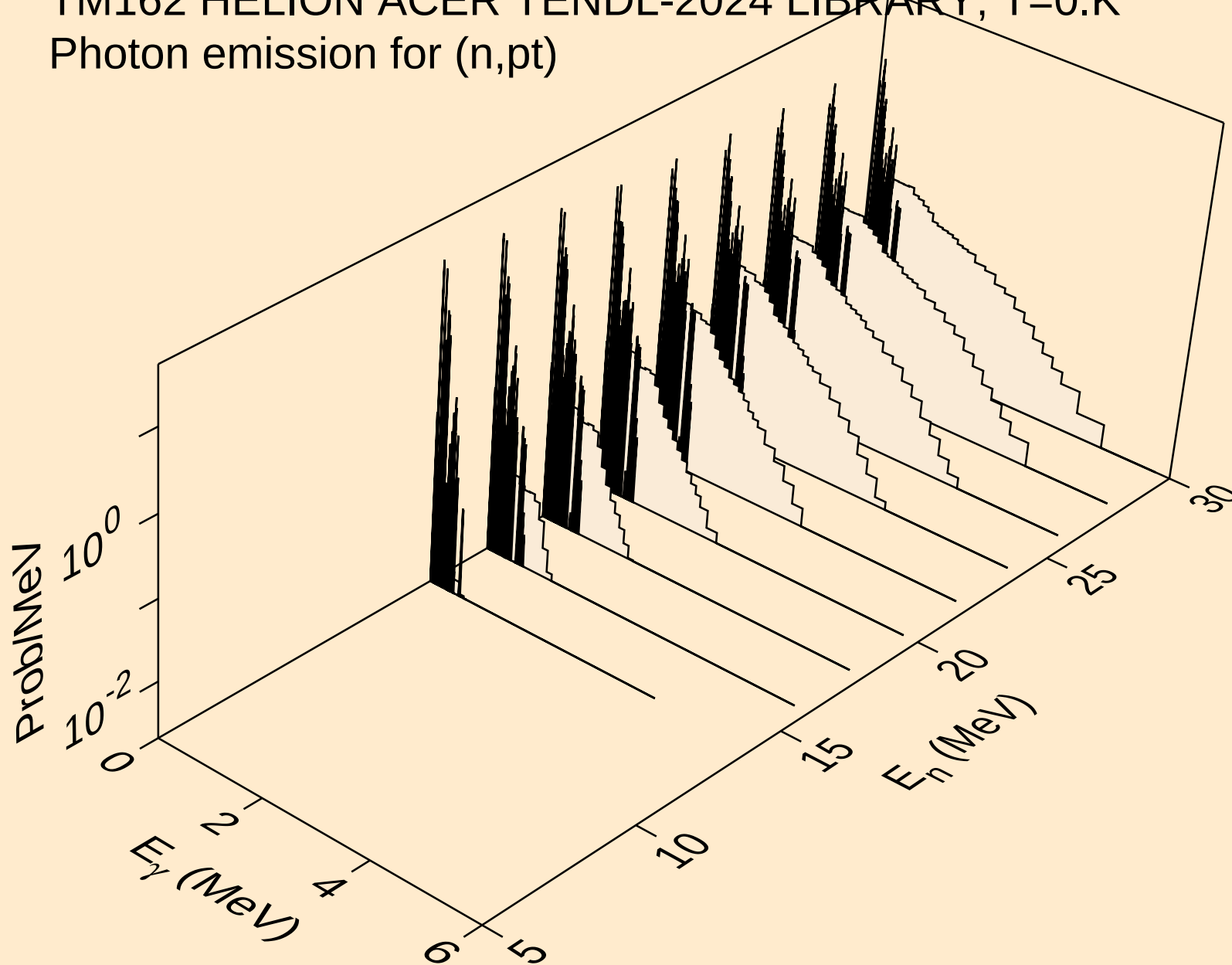
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



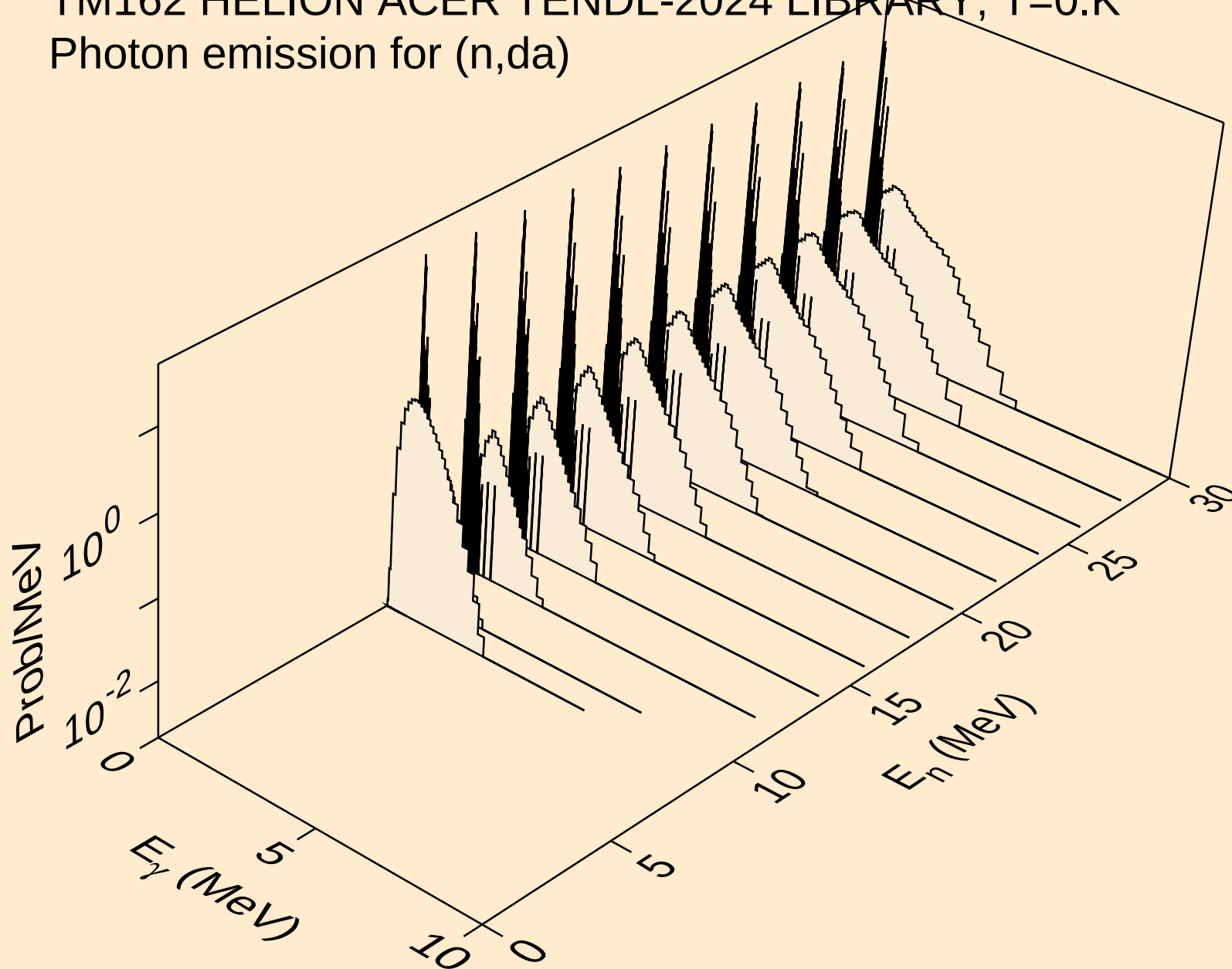
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

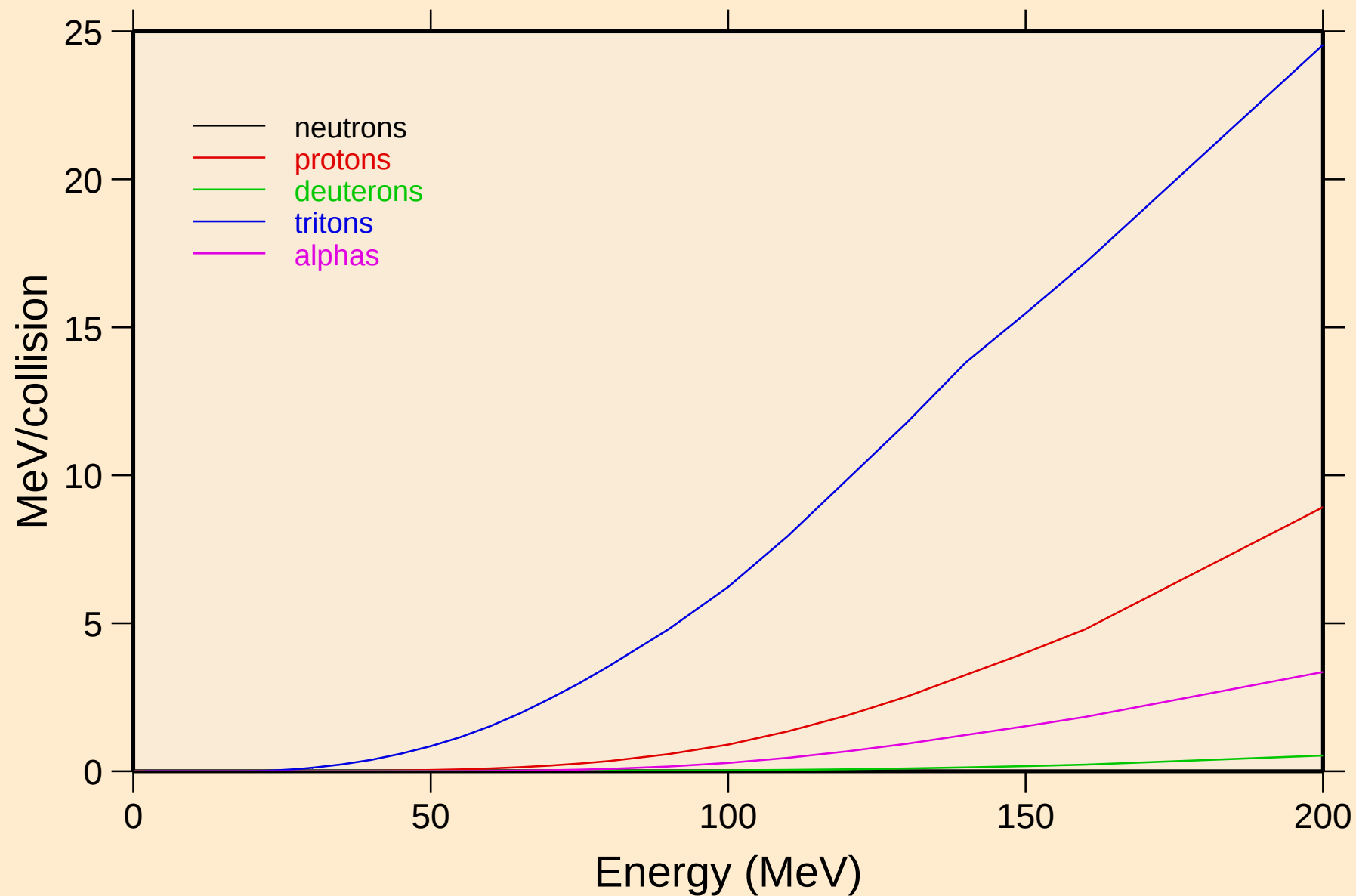


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



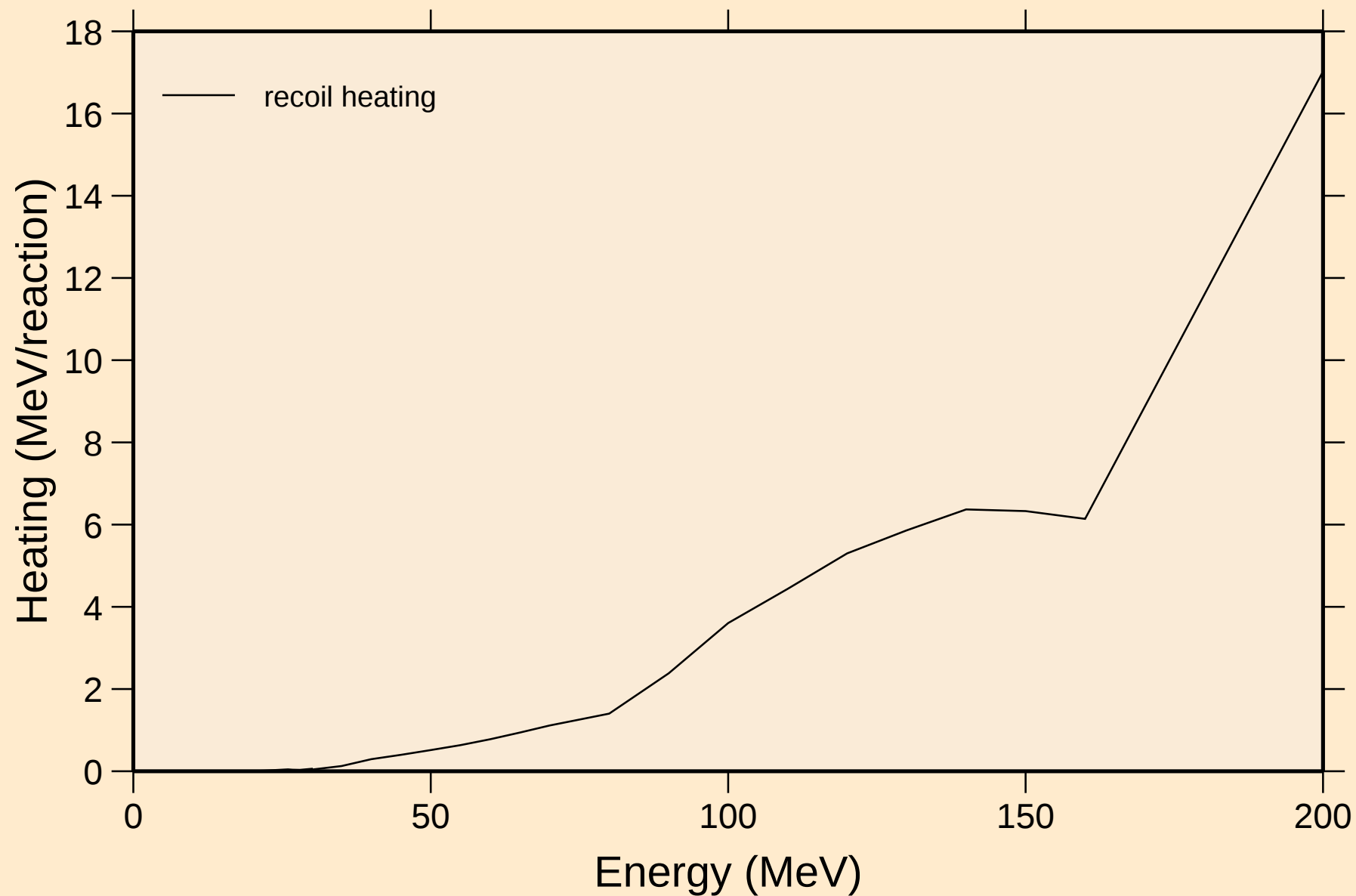
# TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



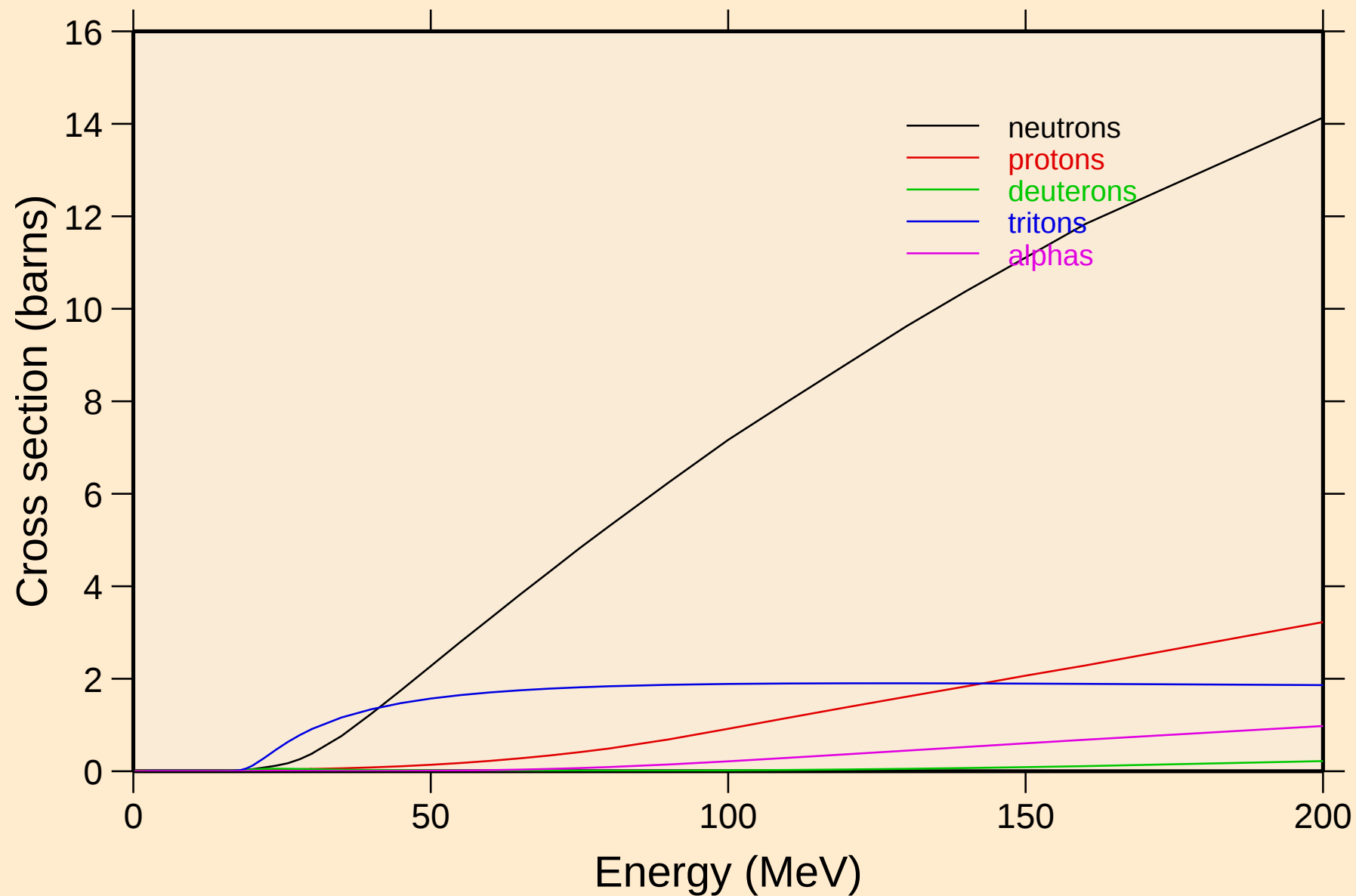
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

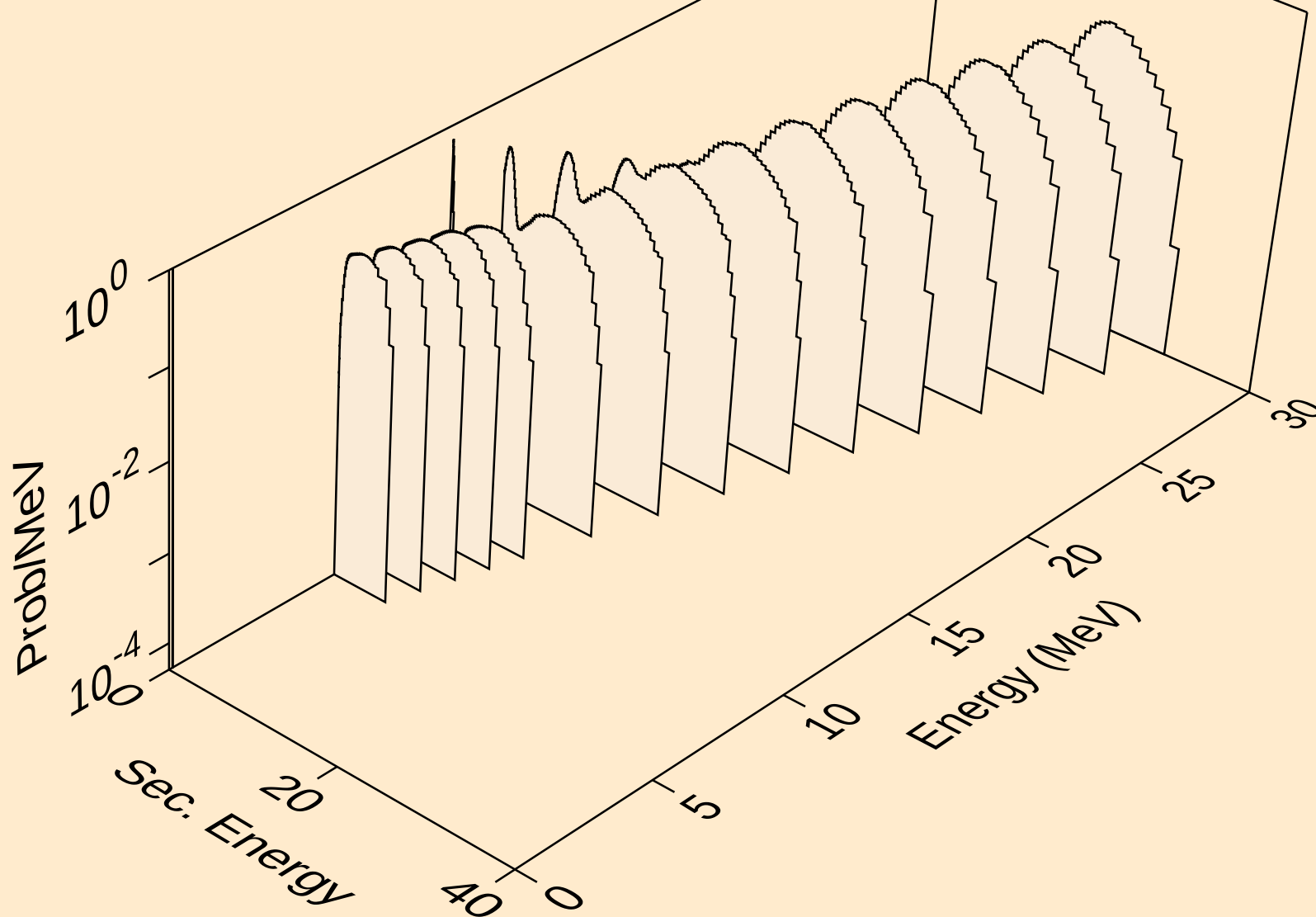


TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K

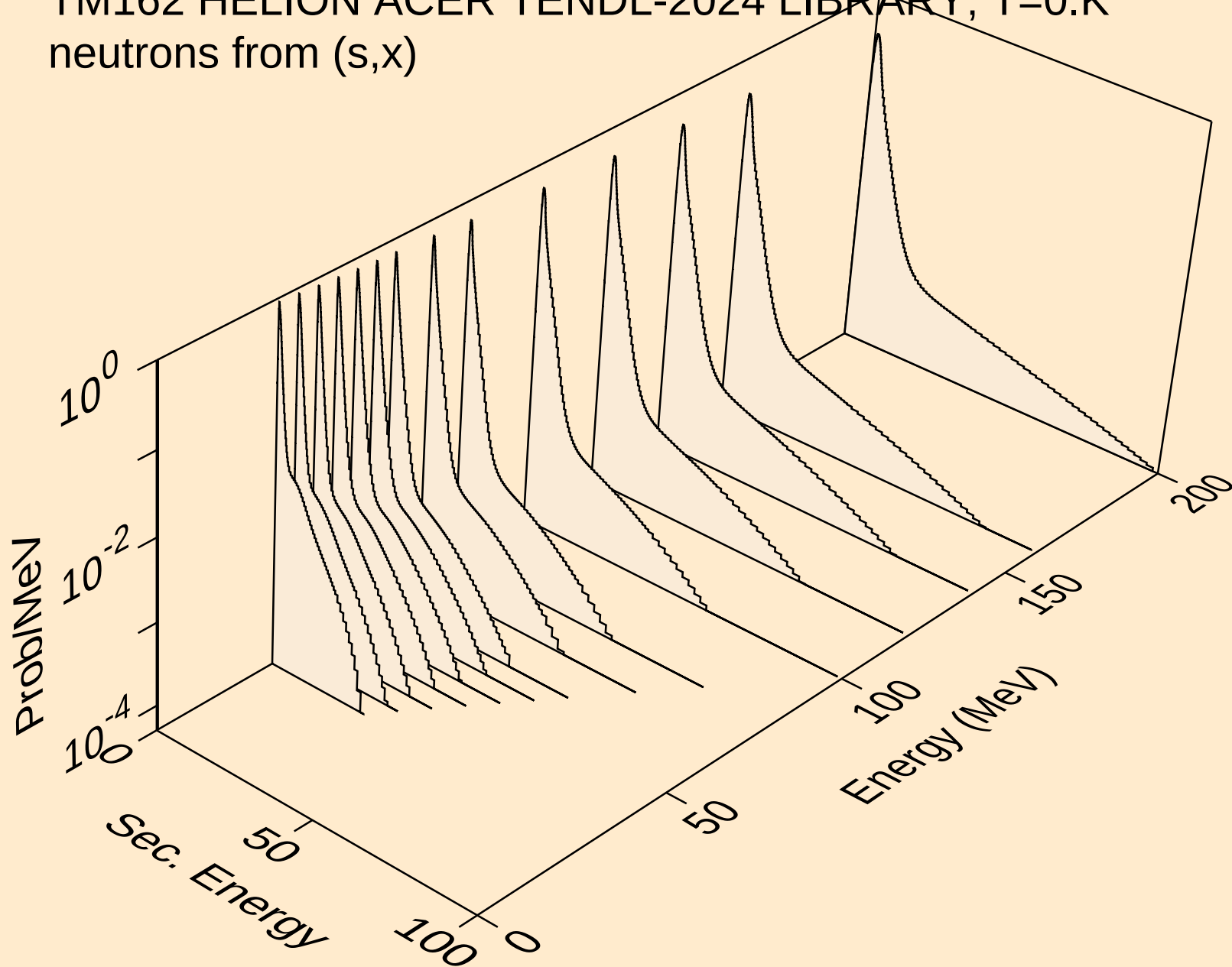
Particle production cross sections



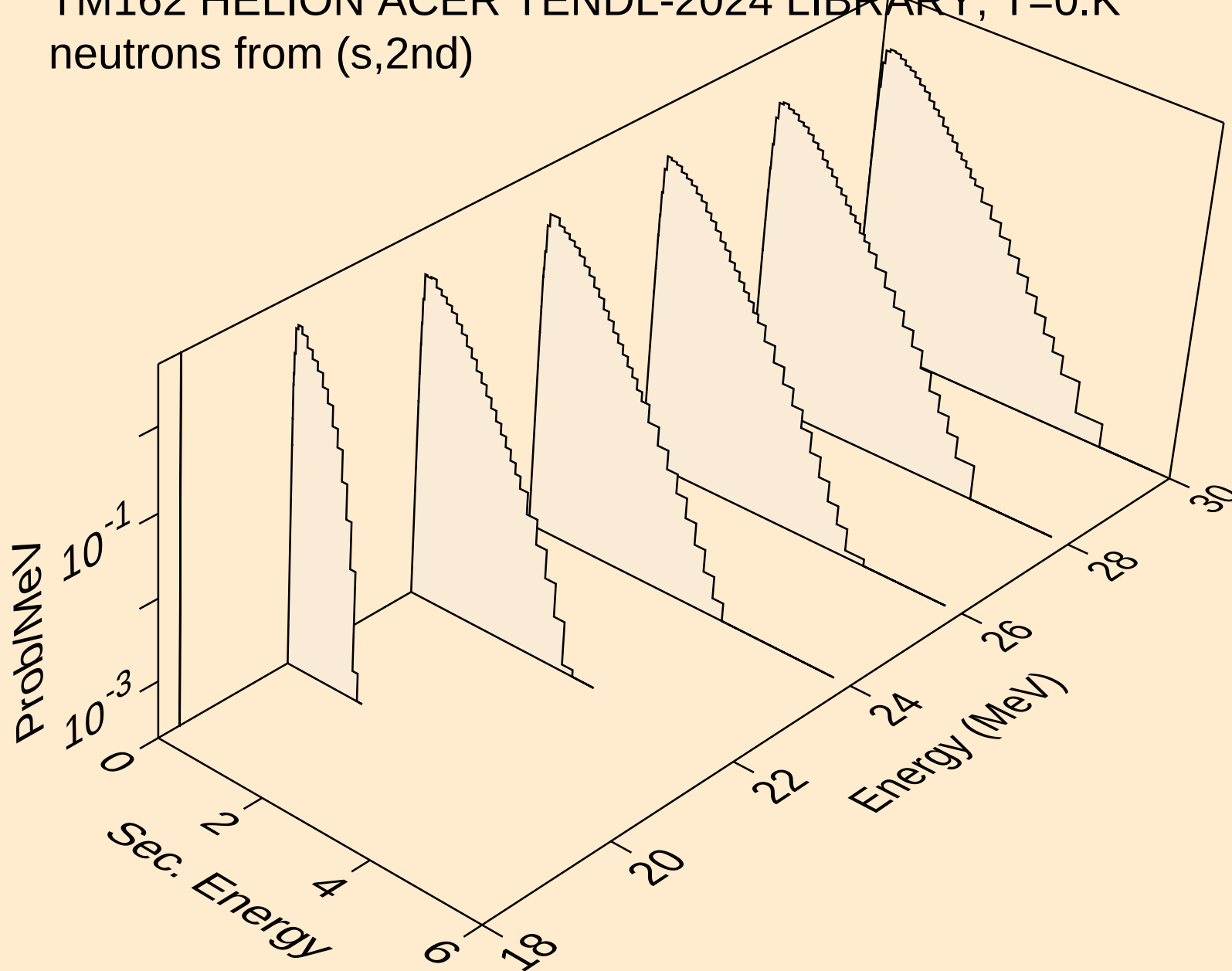
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



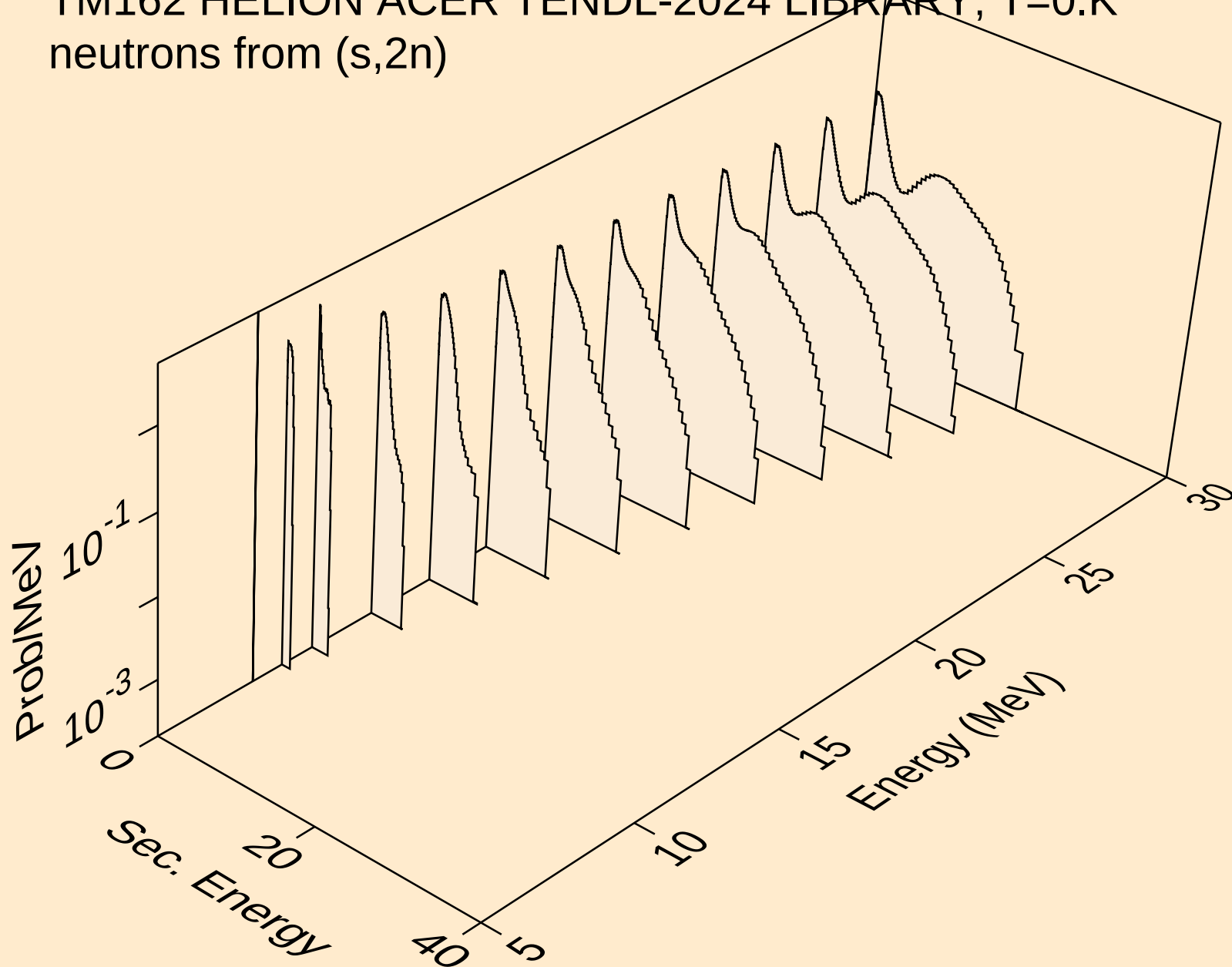
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



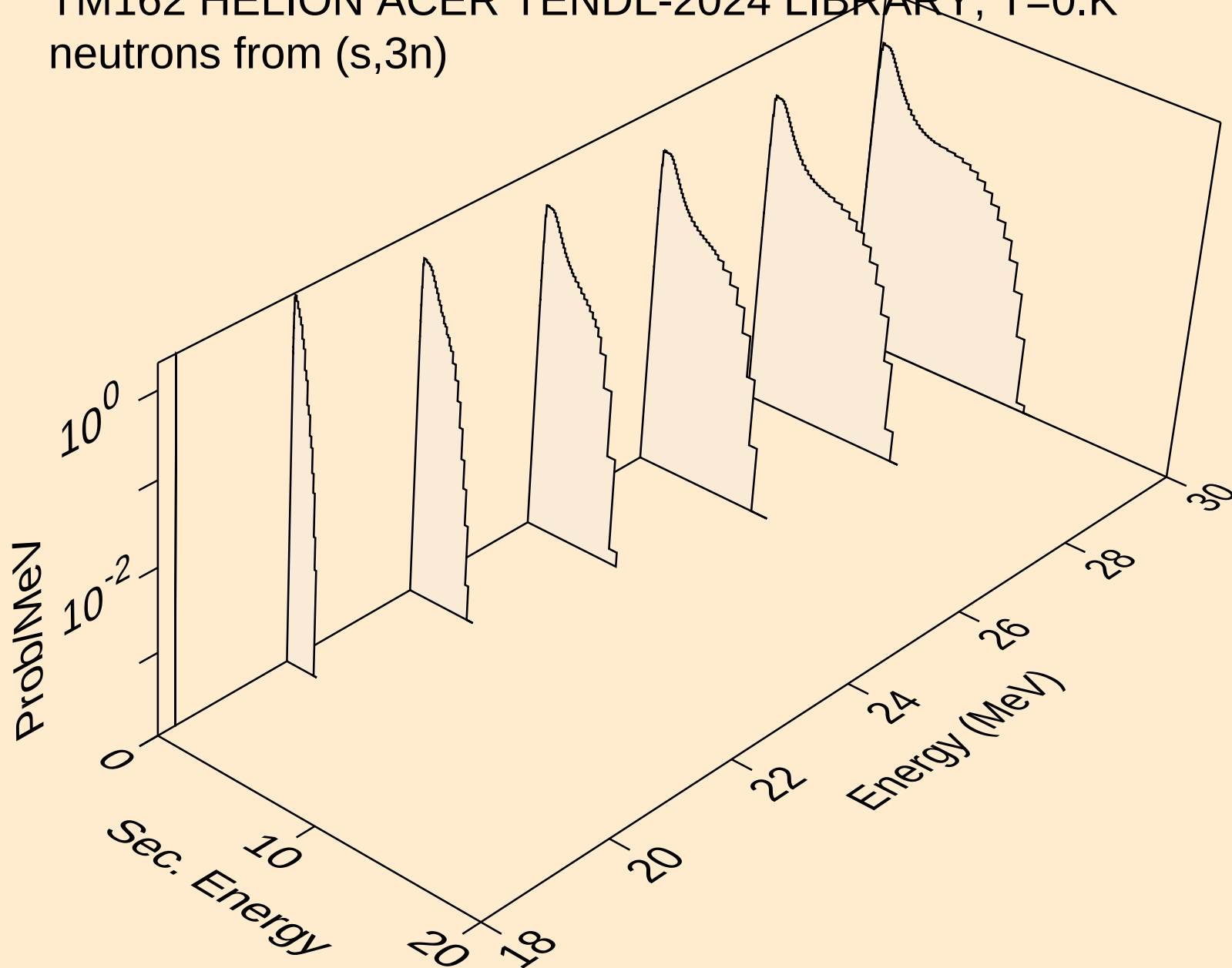
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



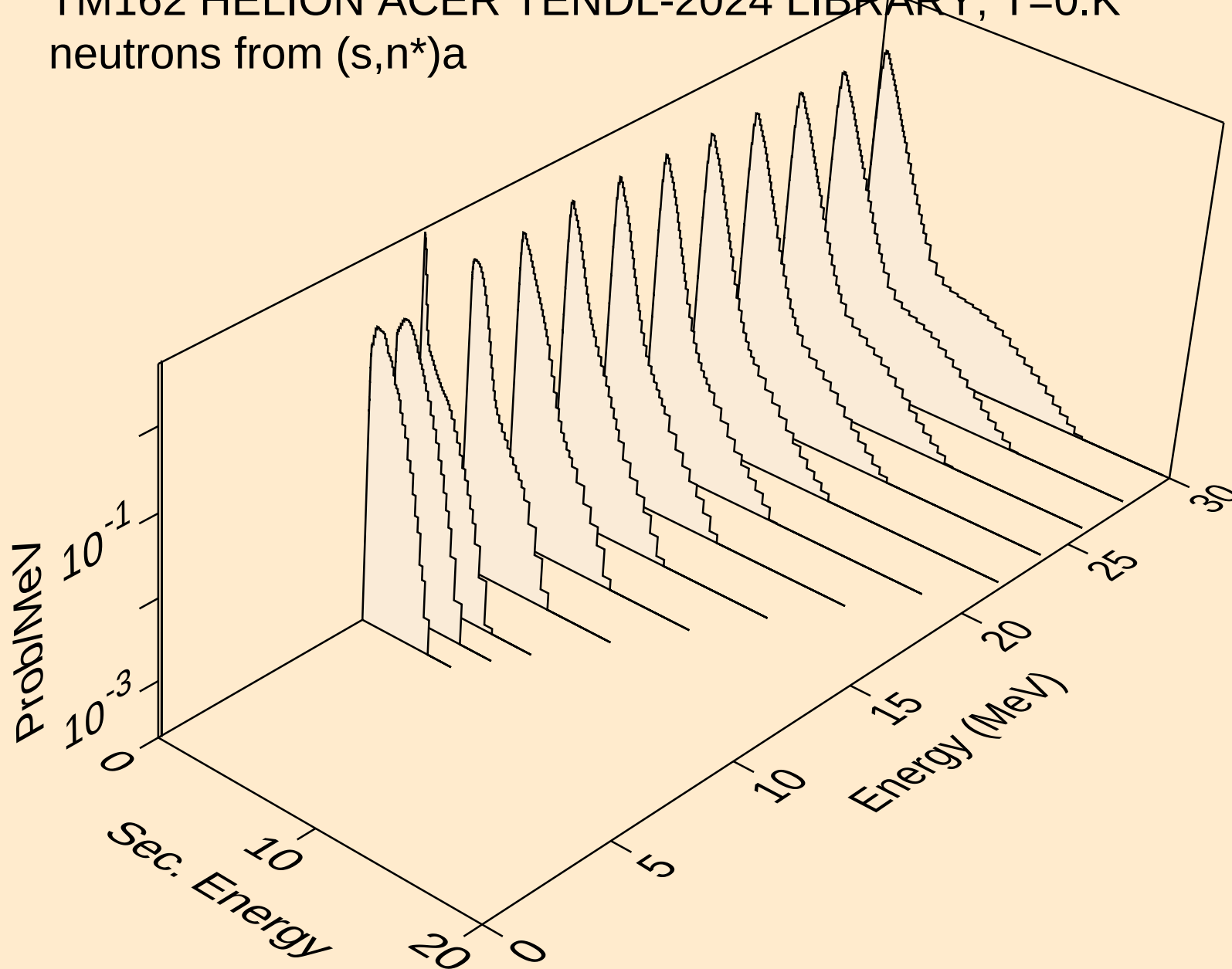
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



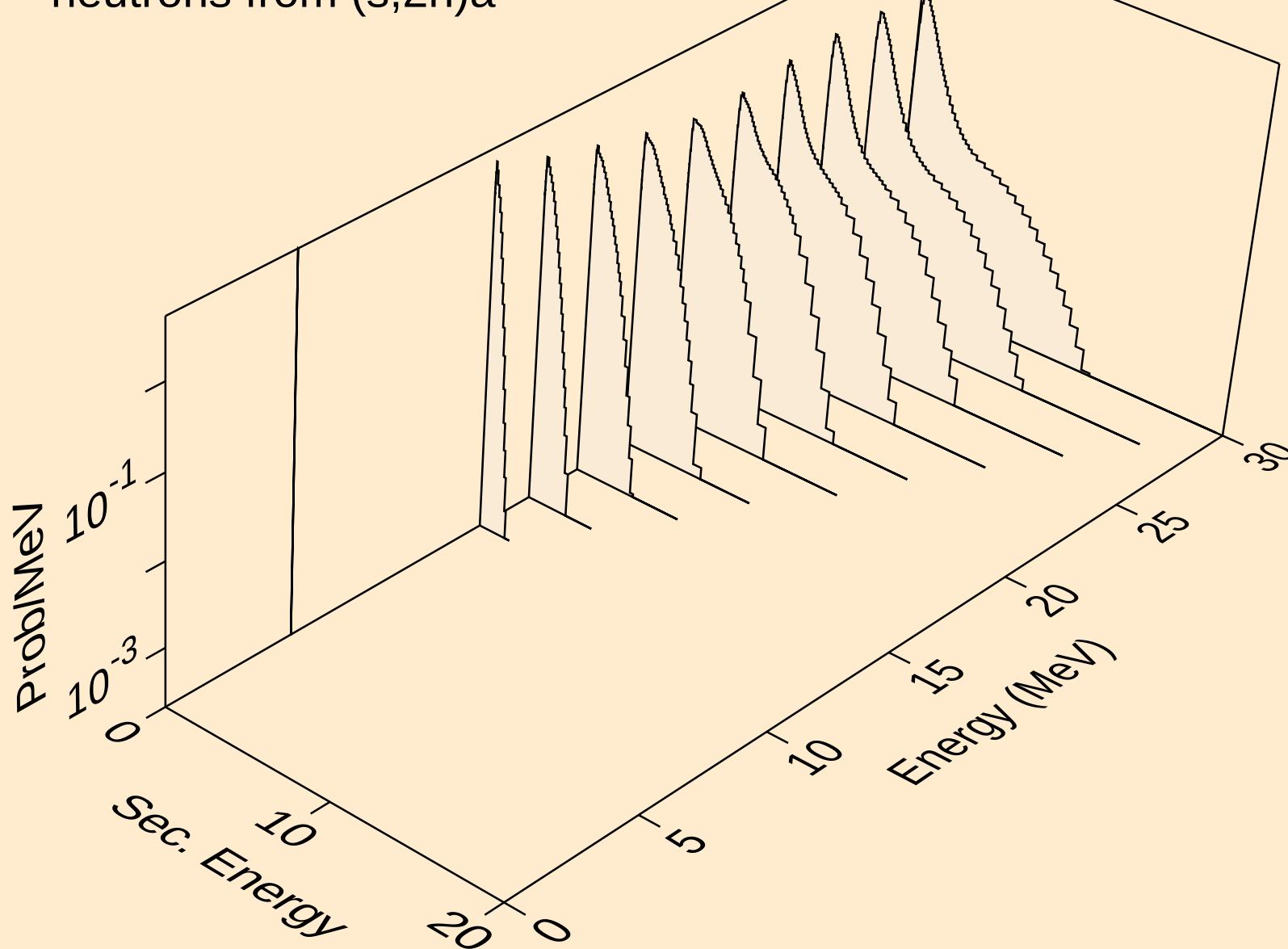
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



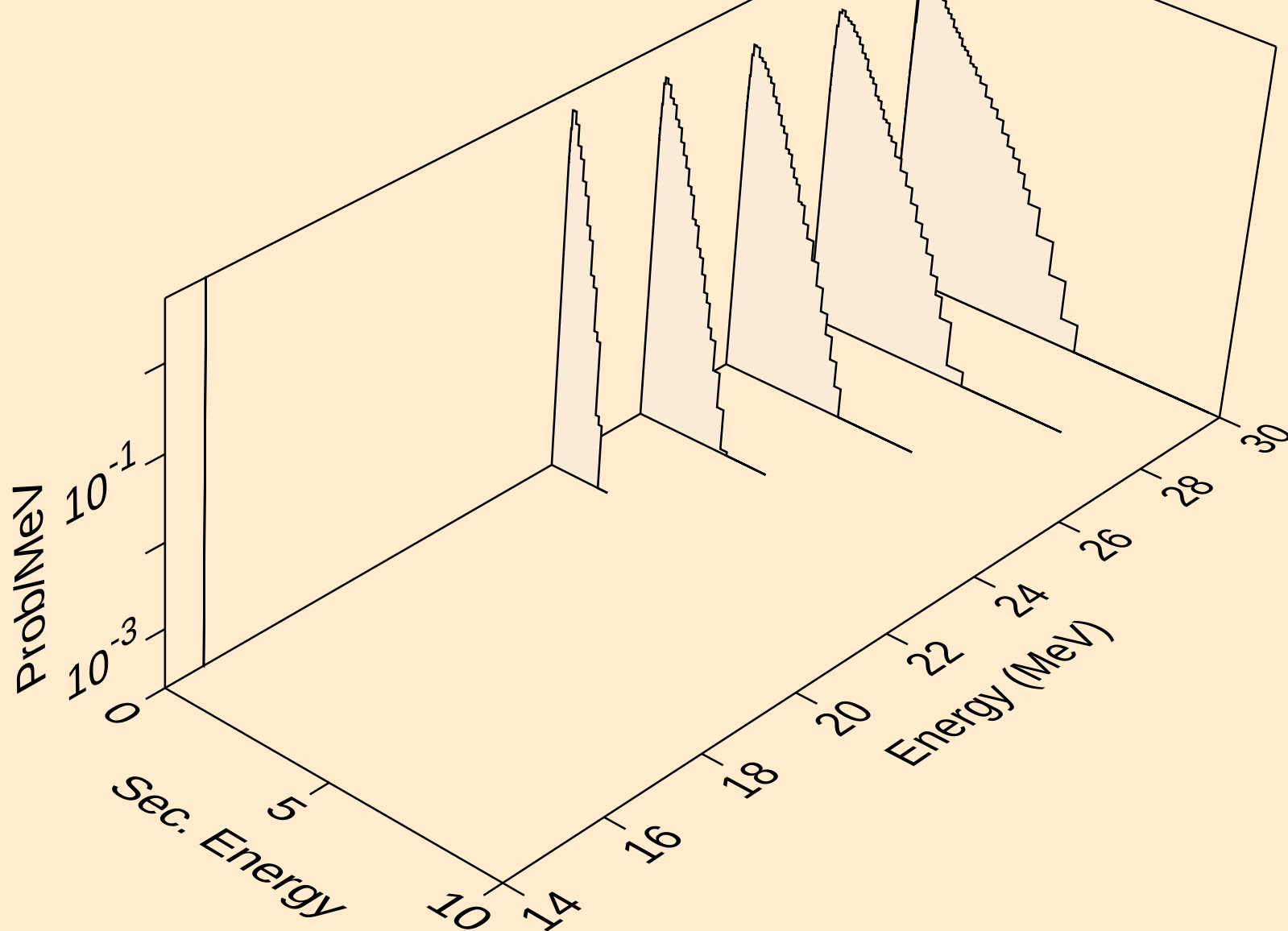
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



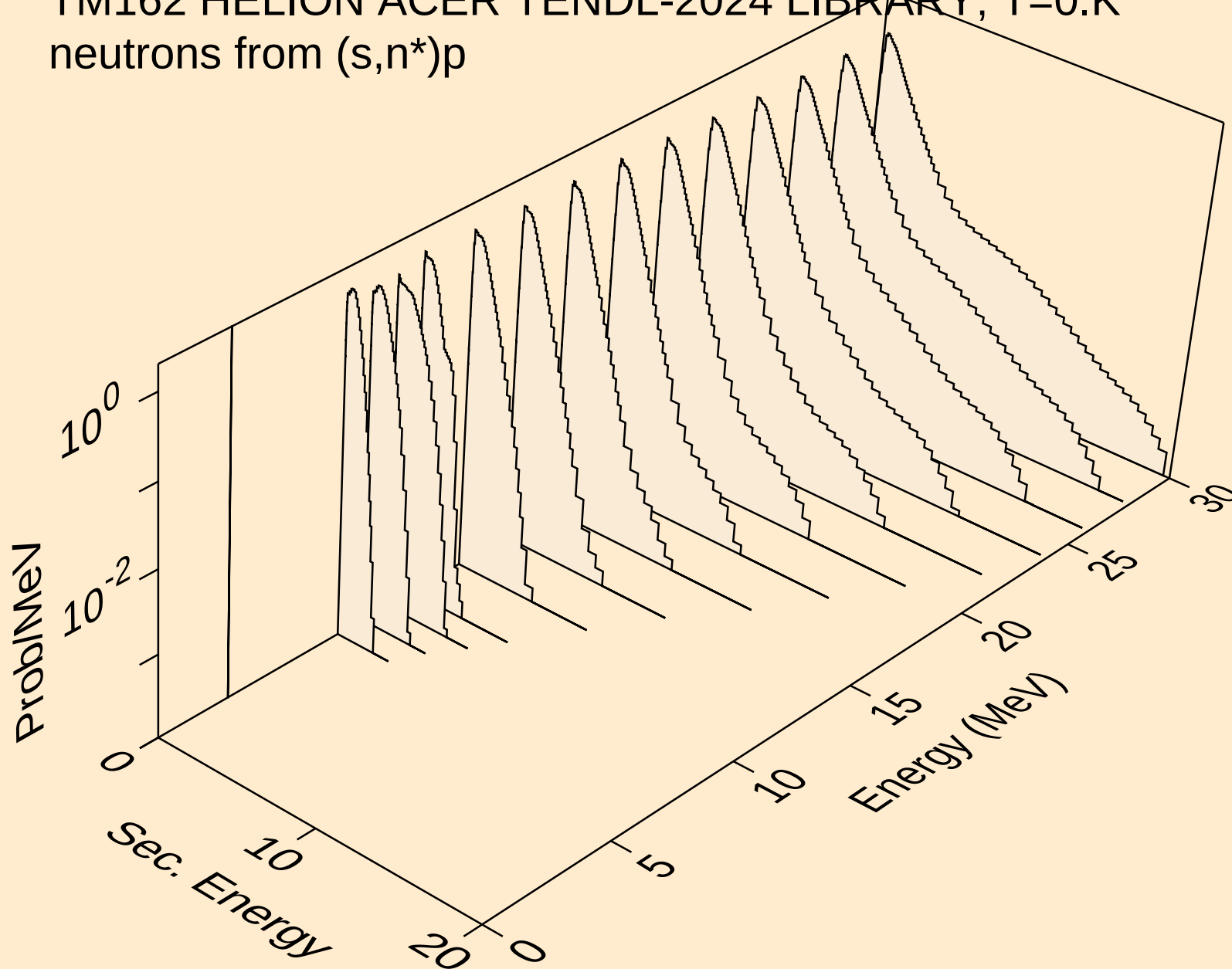
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



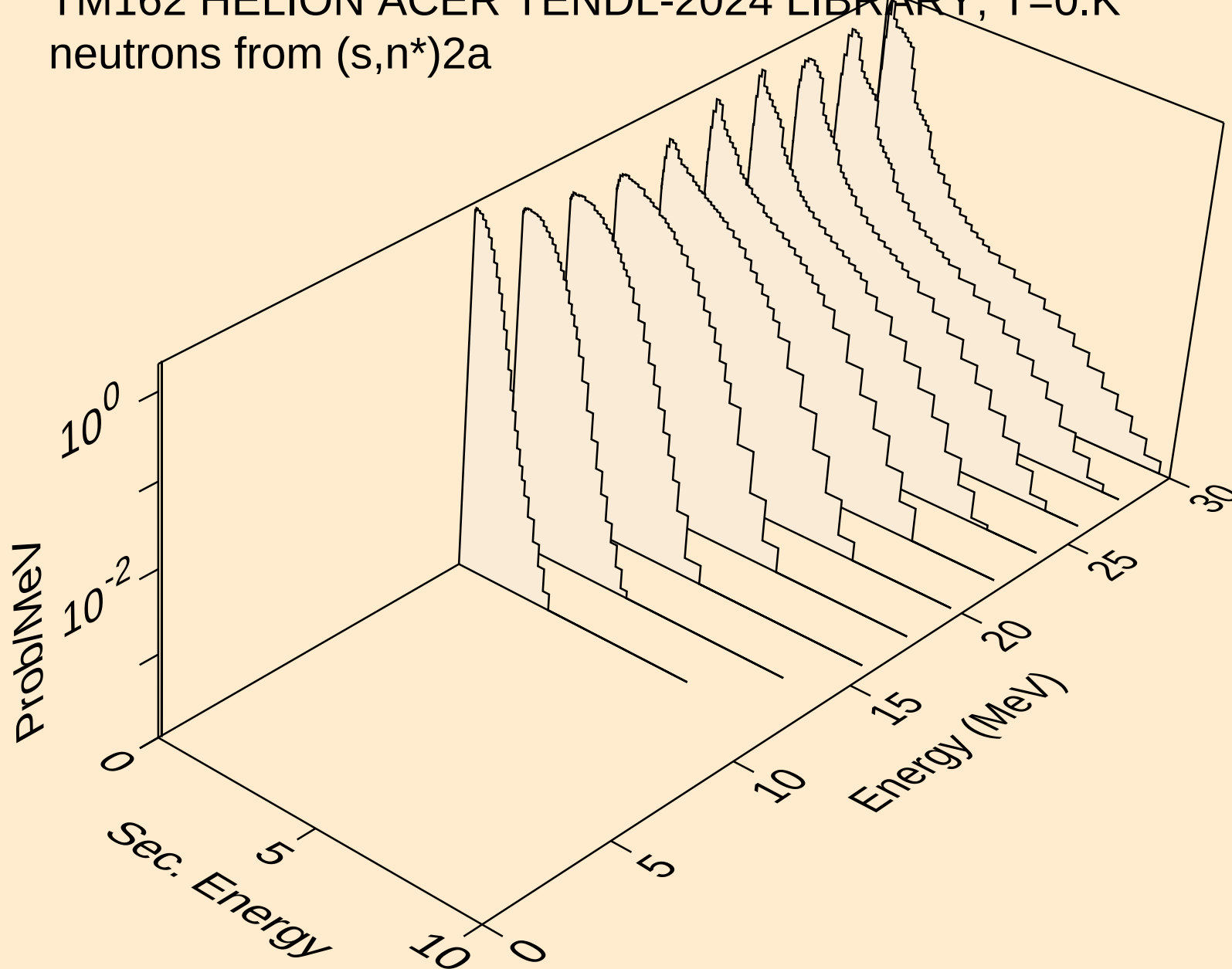
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



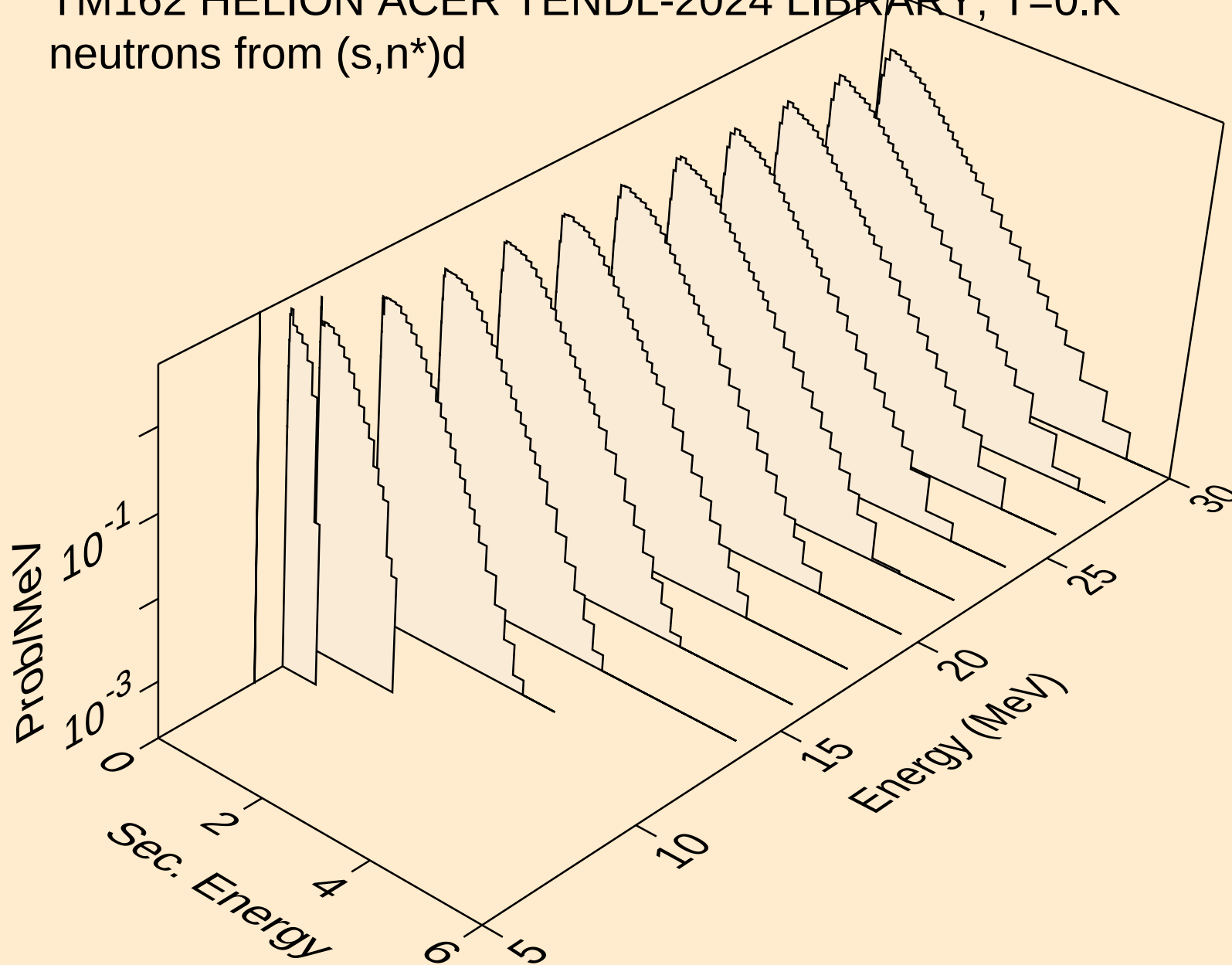
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



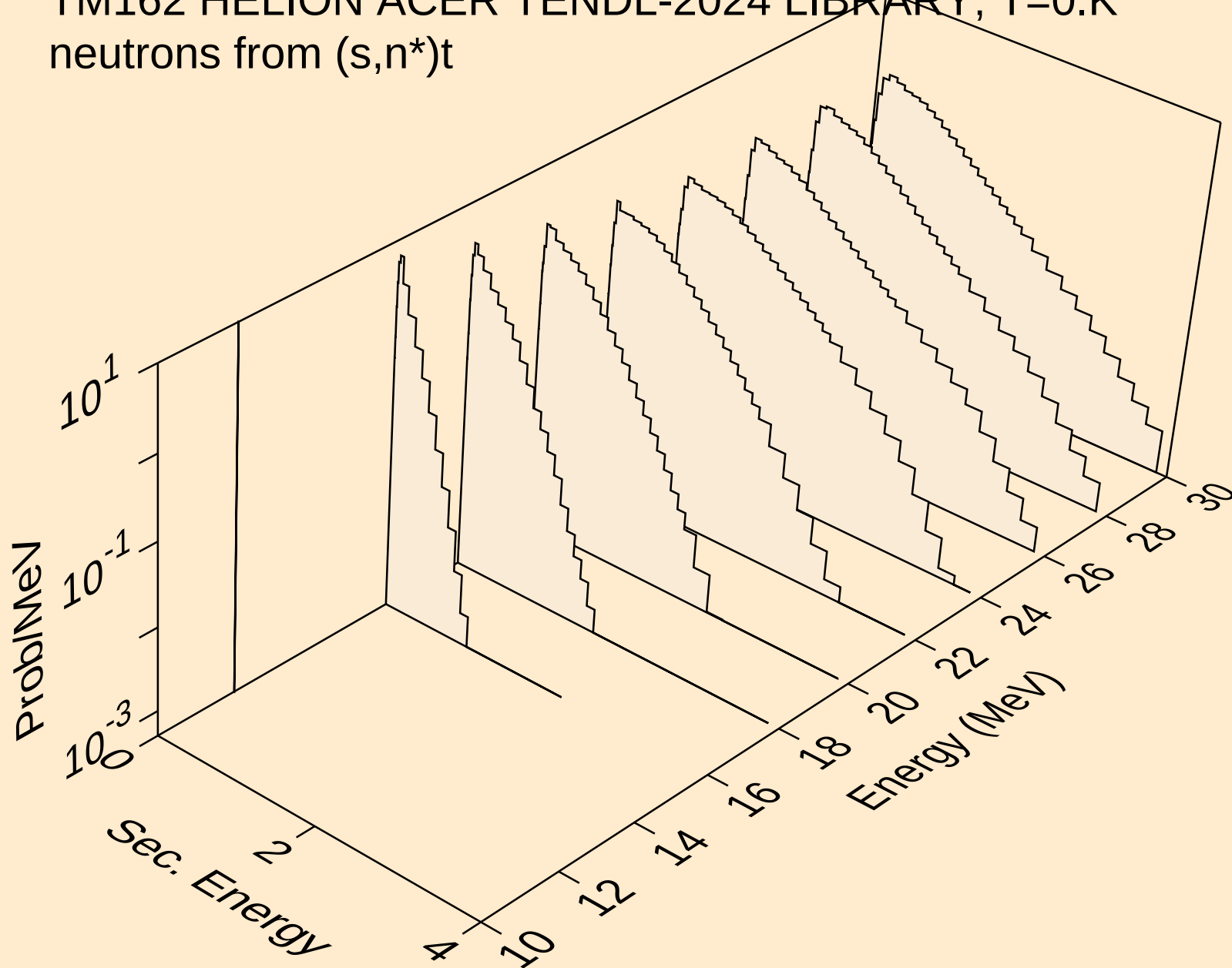
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



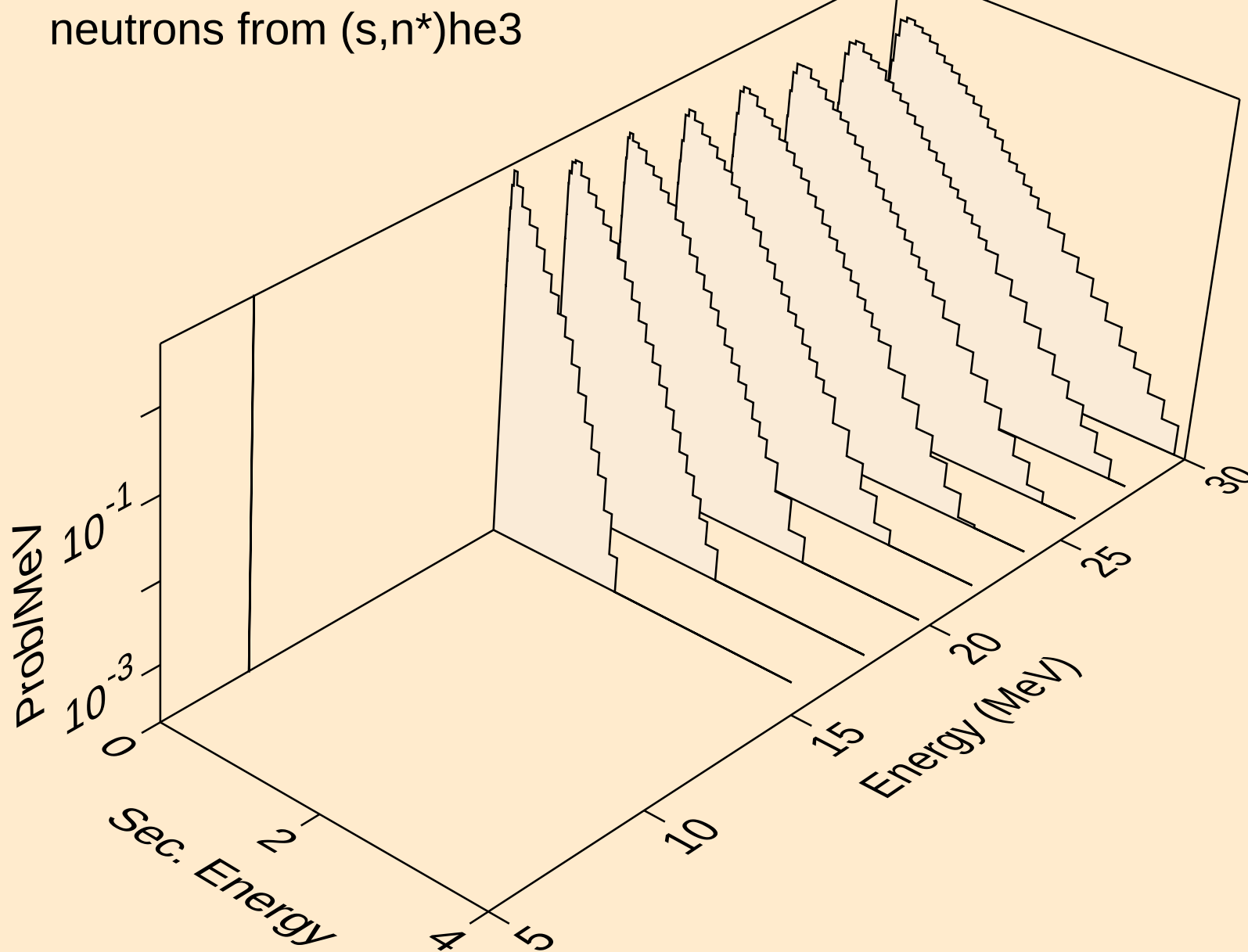
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



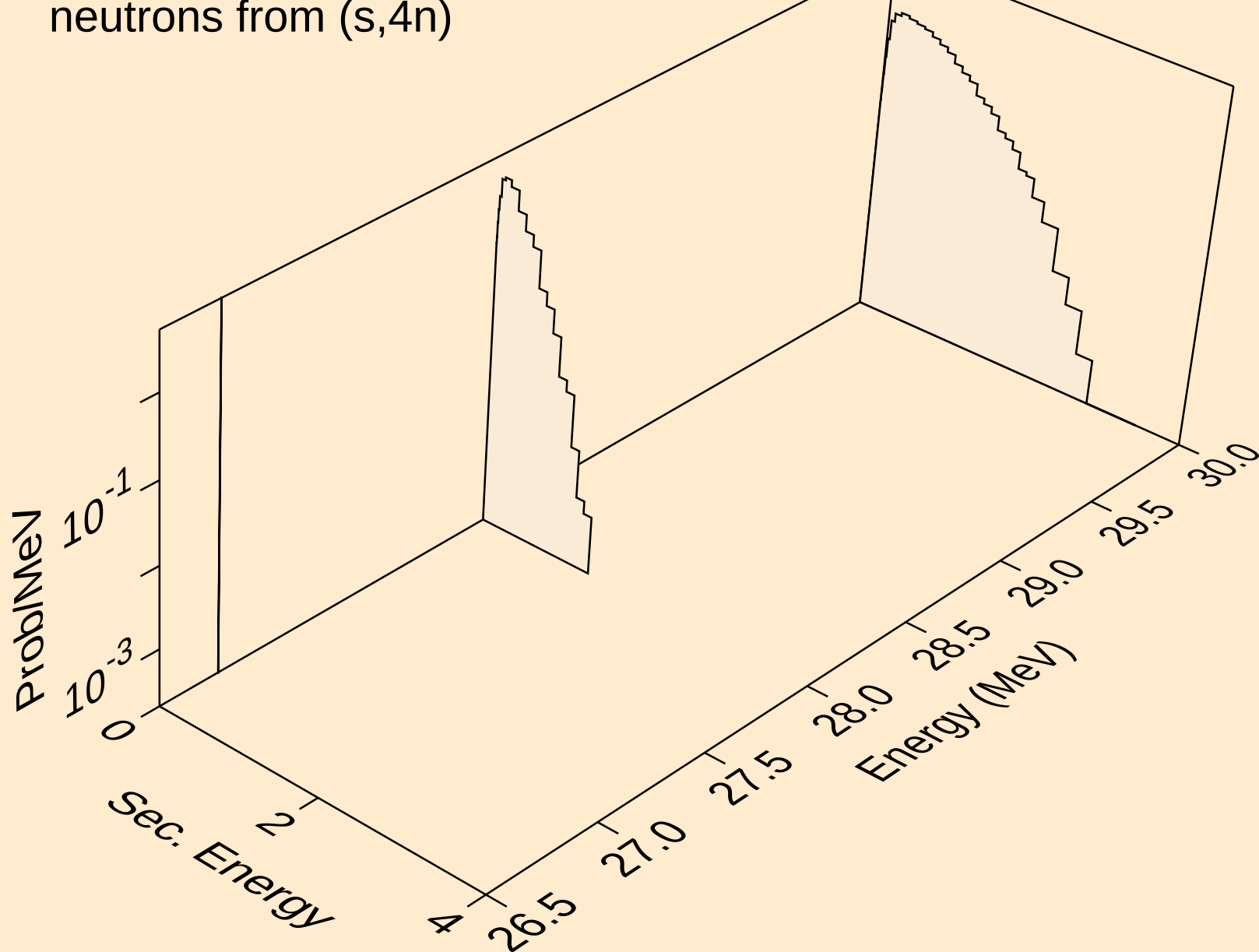
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



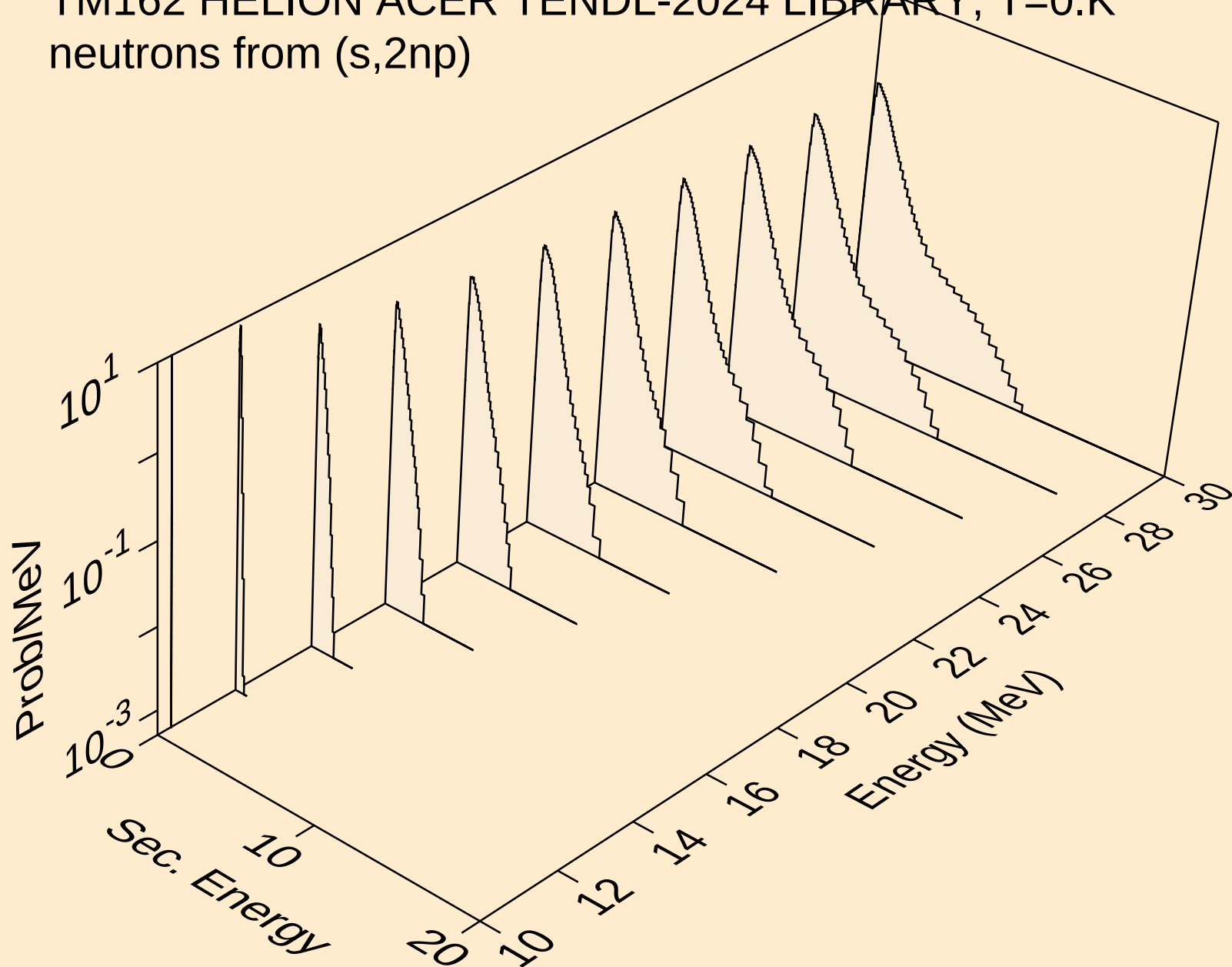
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



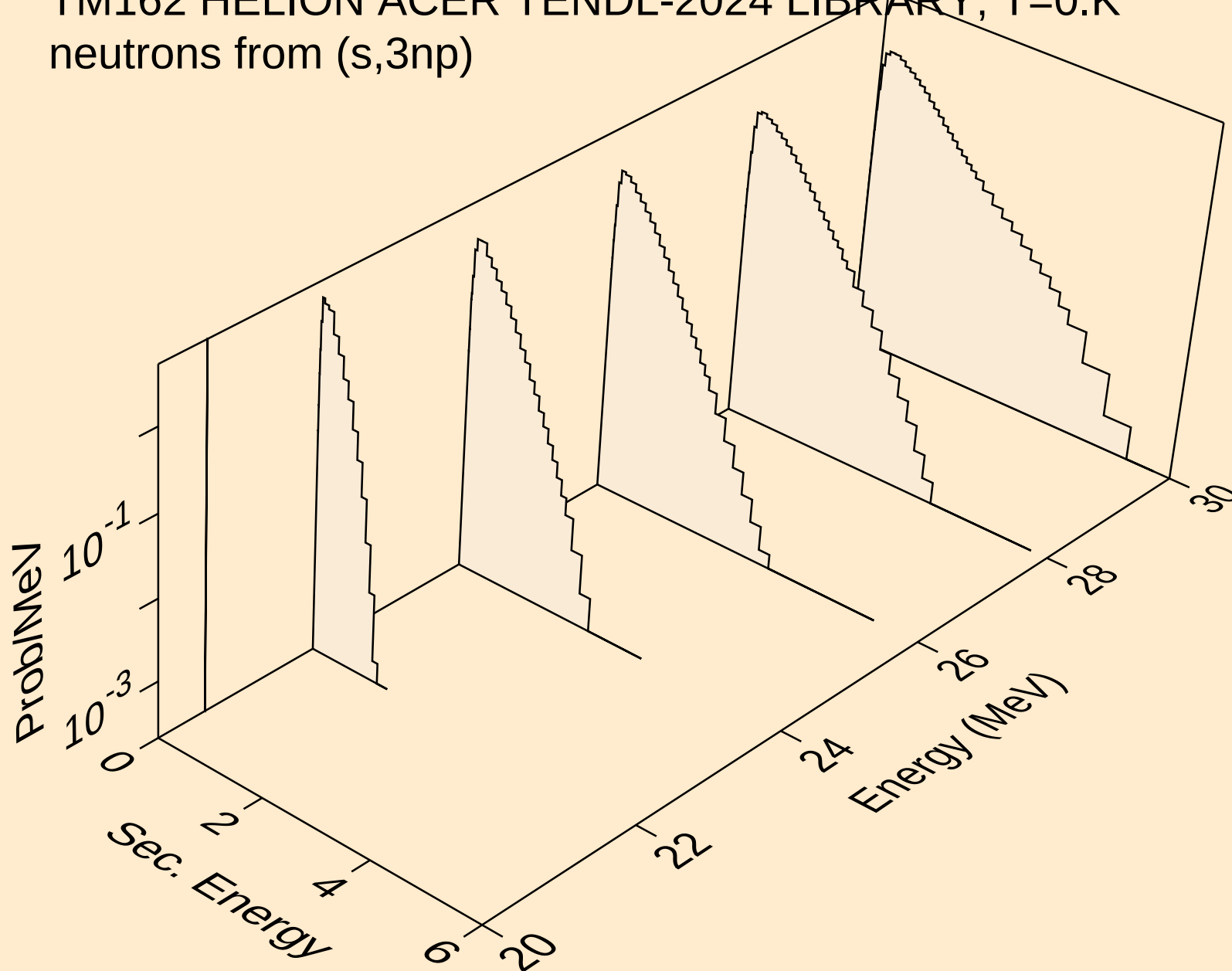
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



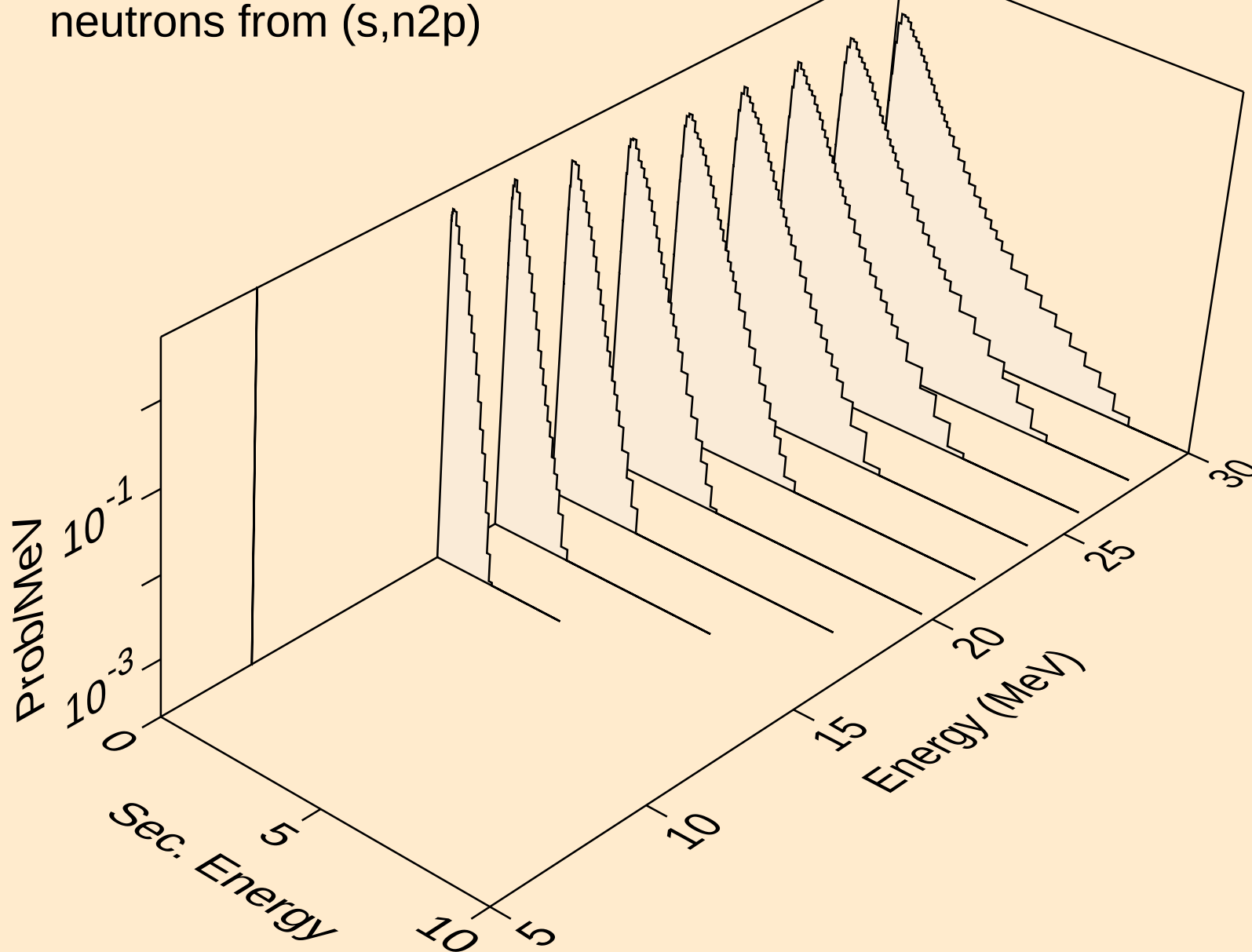
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



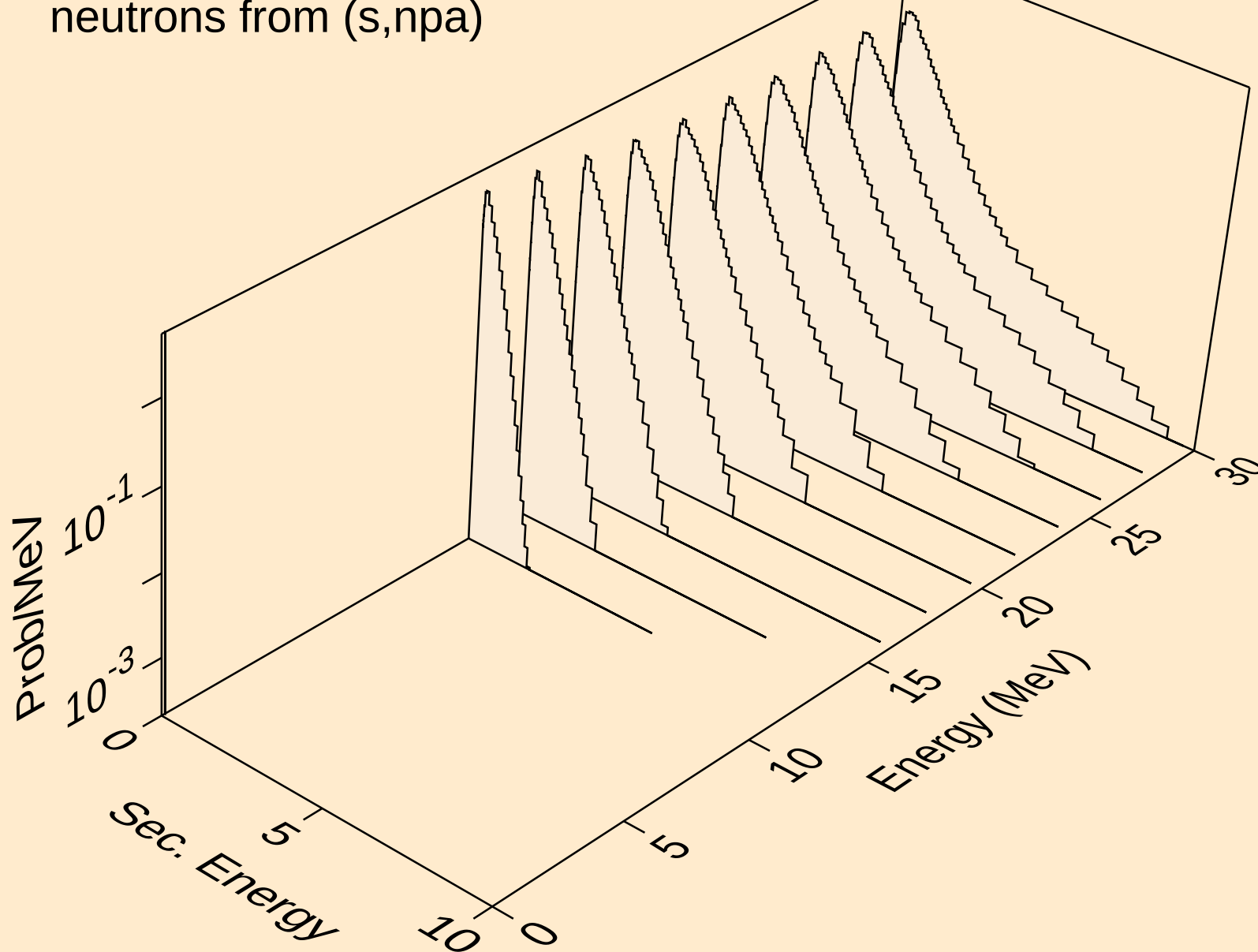
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



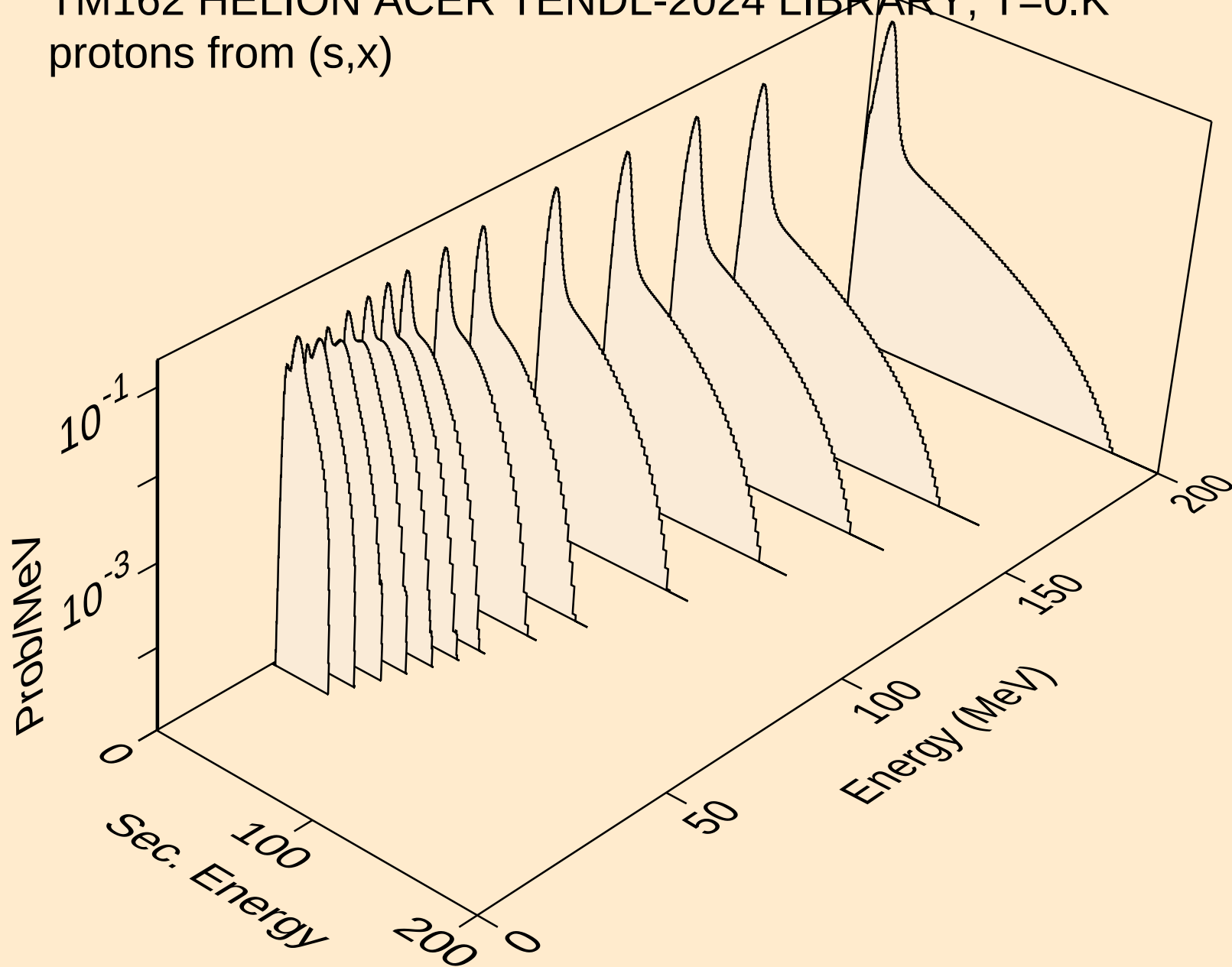
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



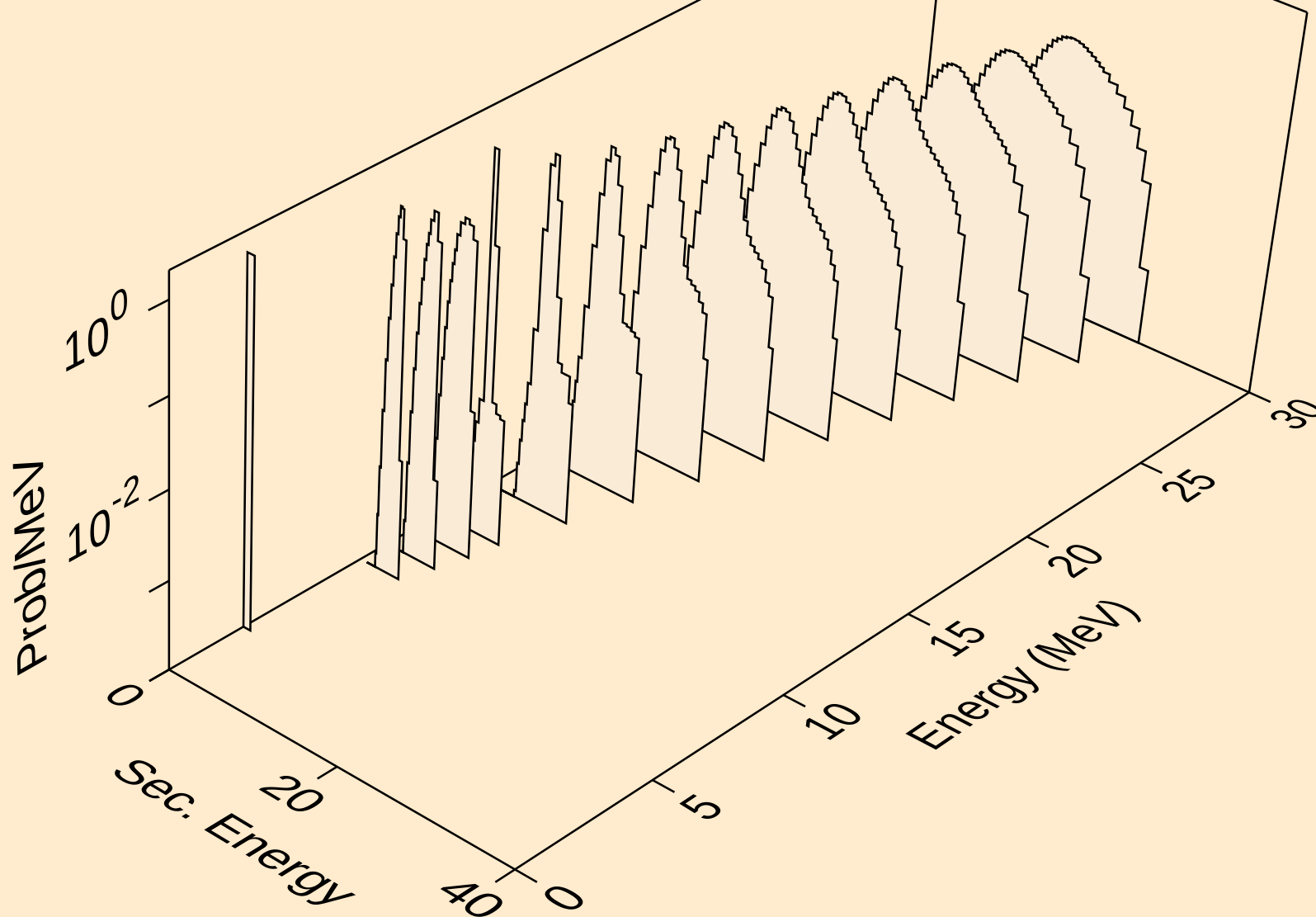
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



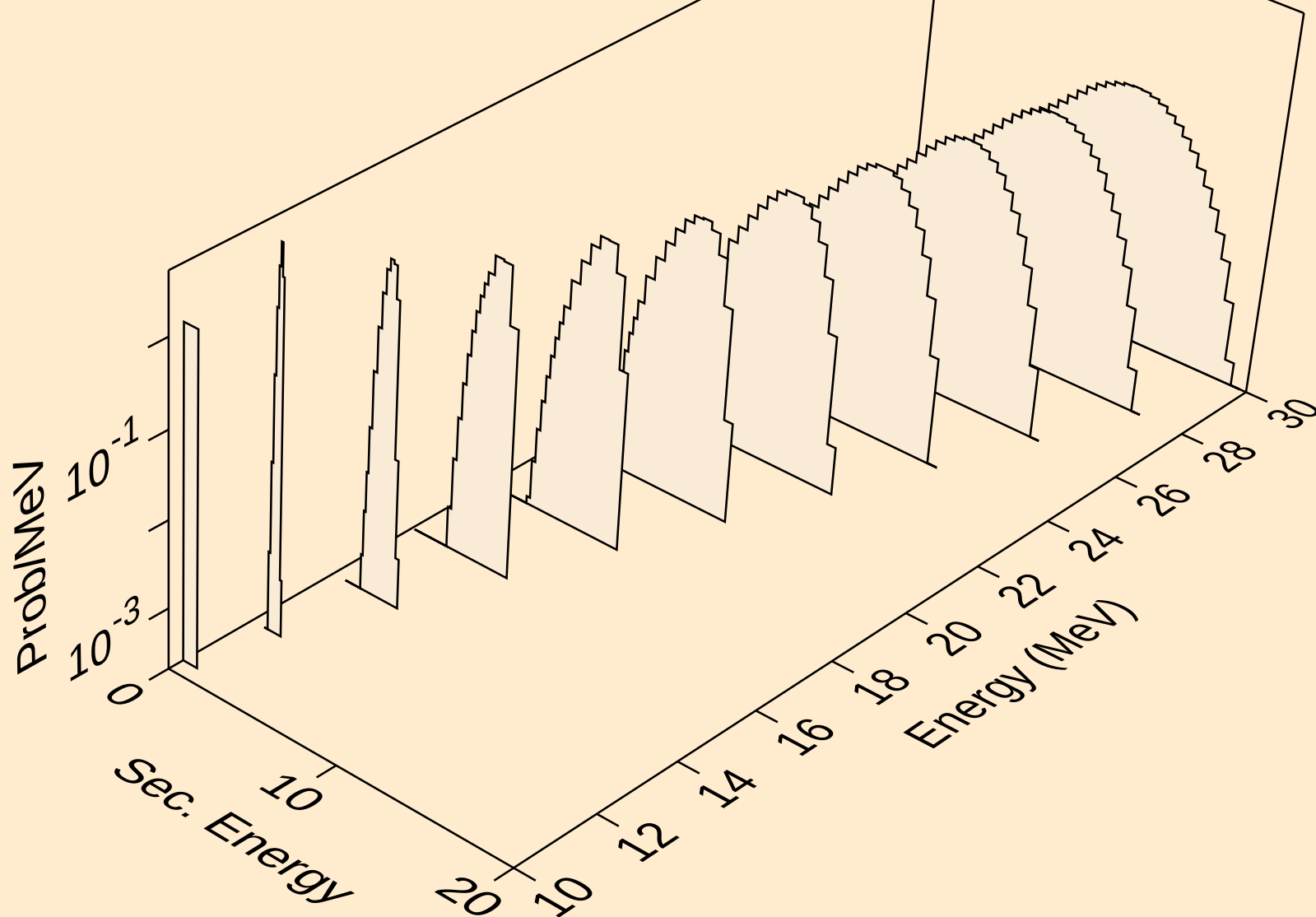
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



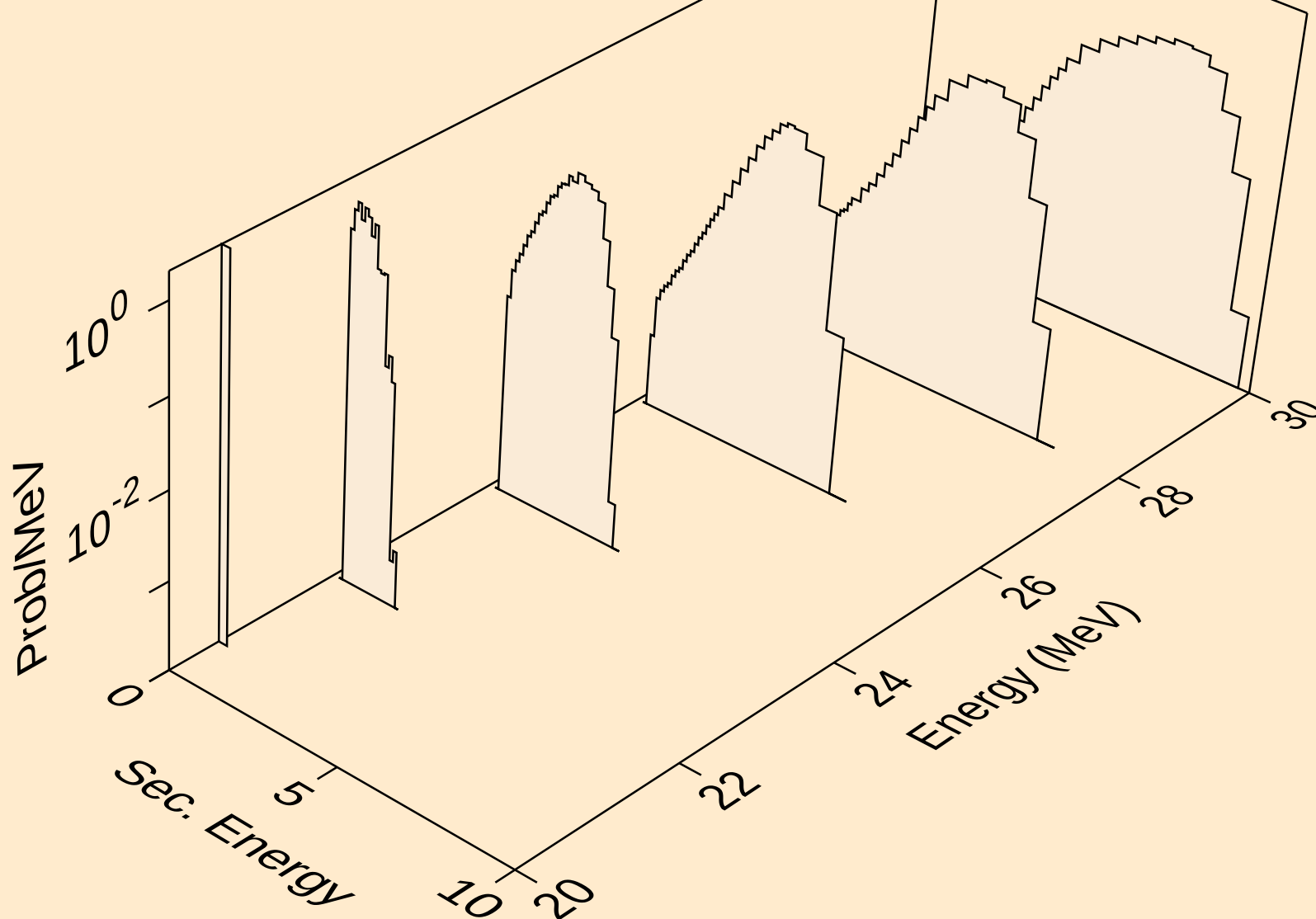
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



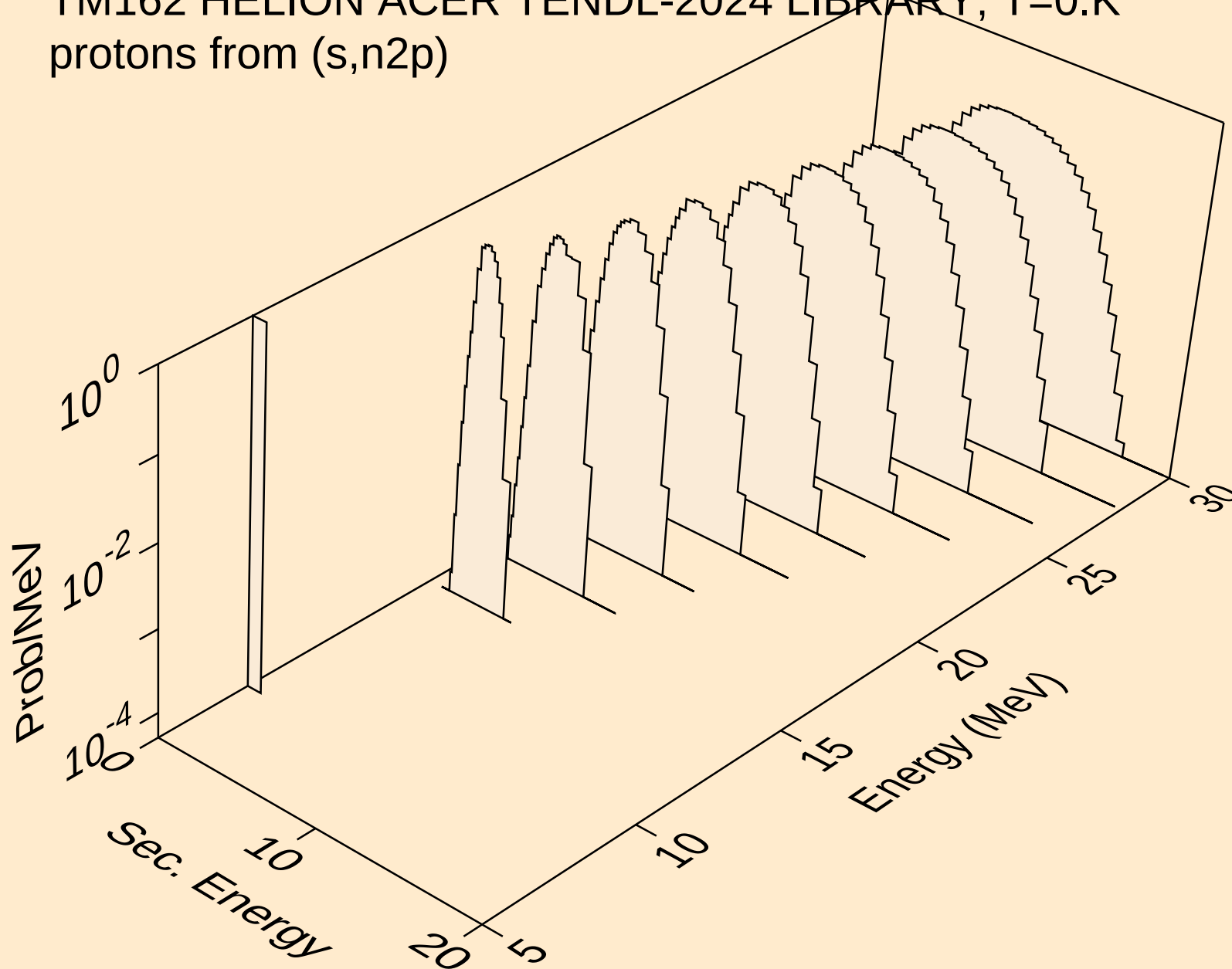
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



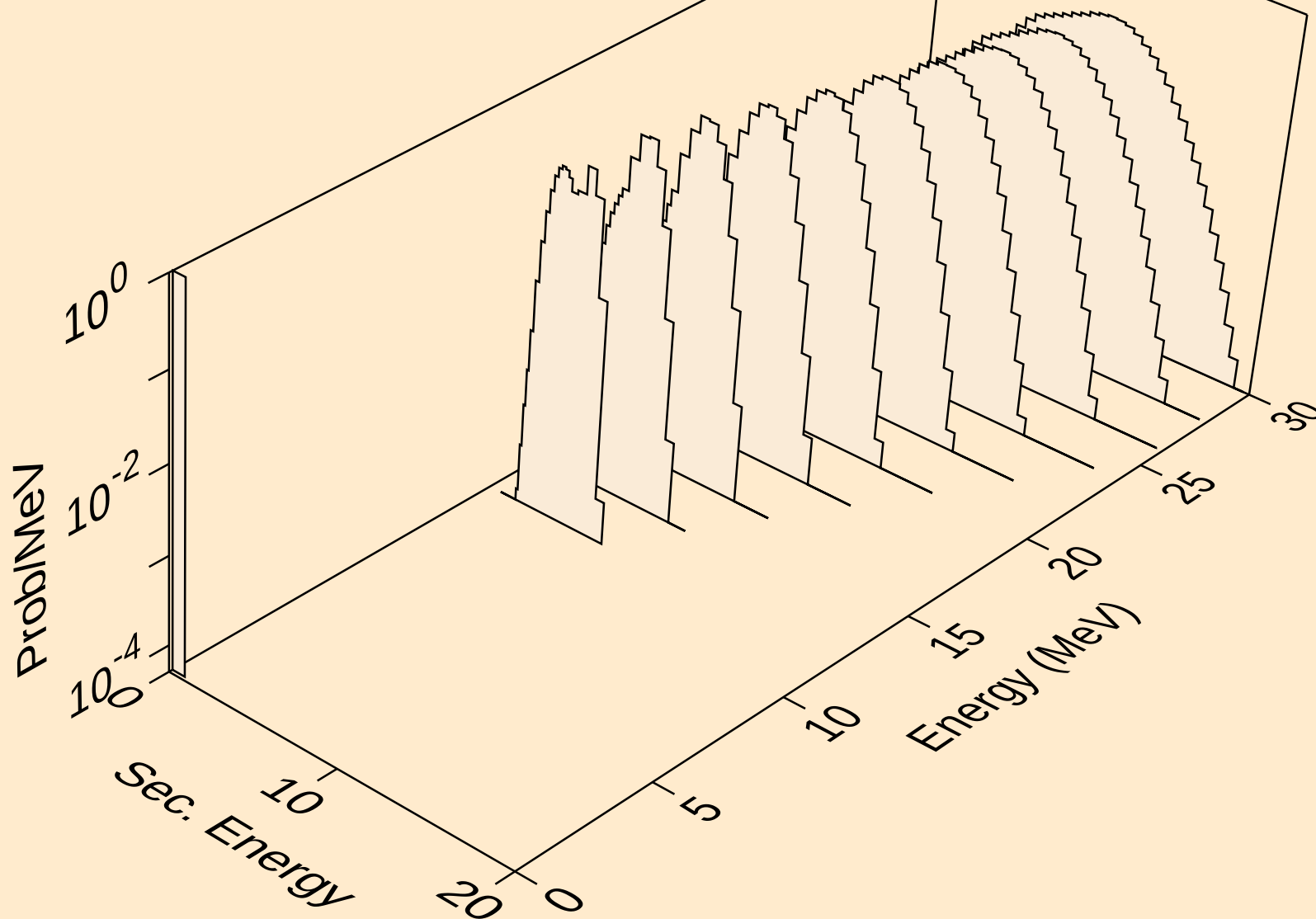
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



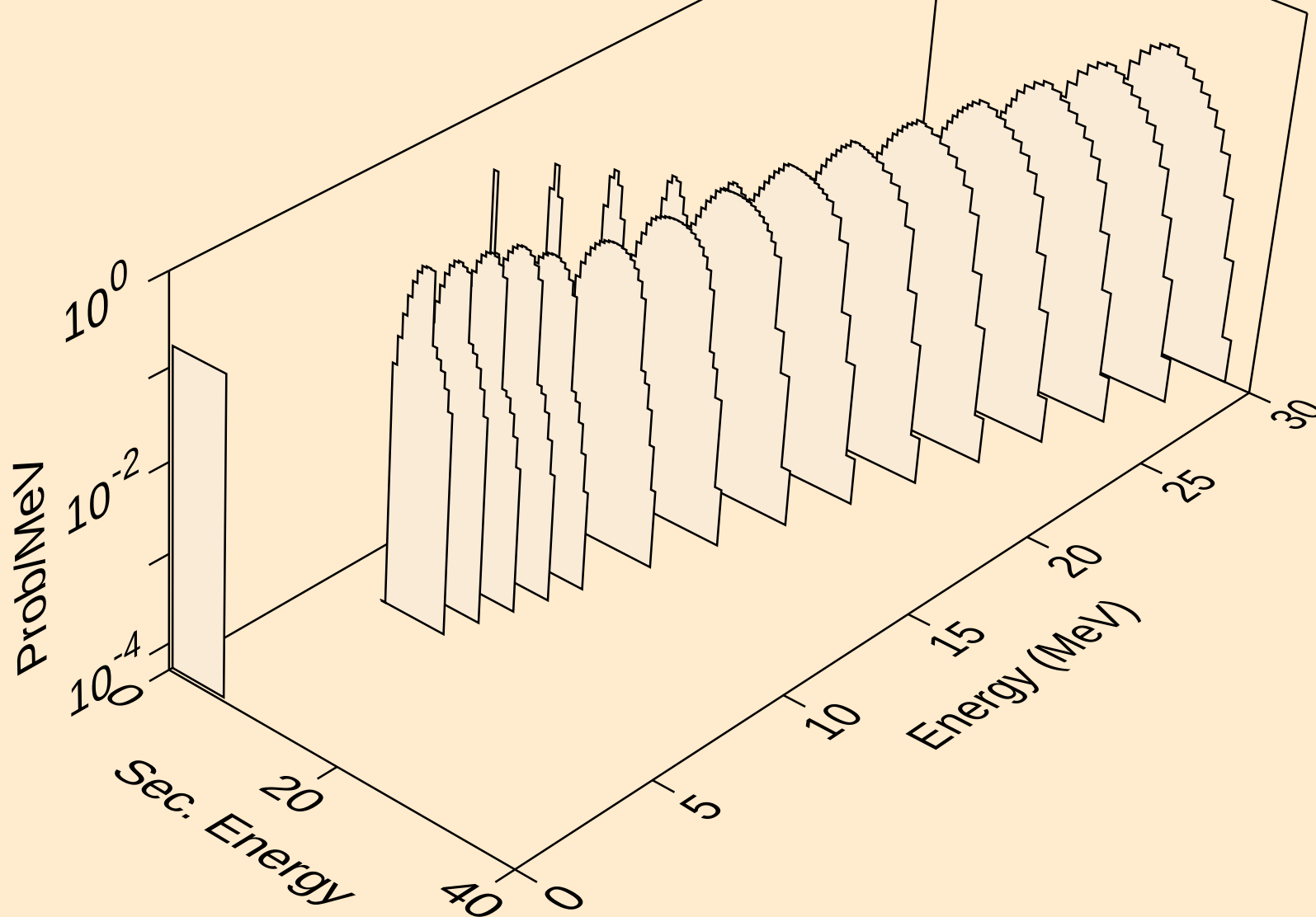
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



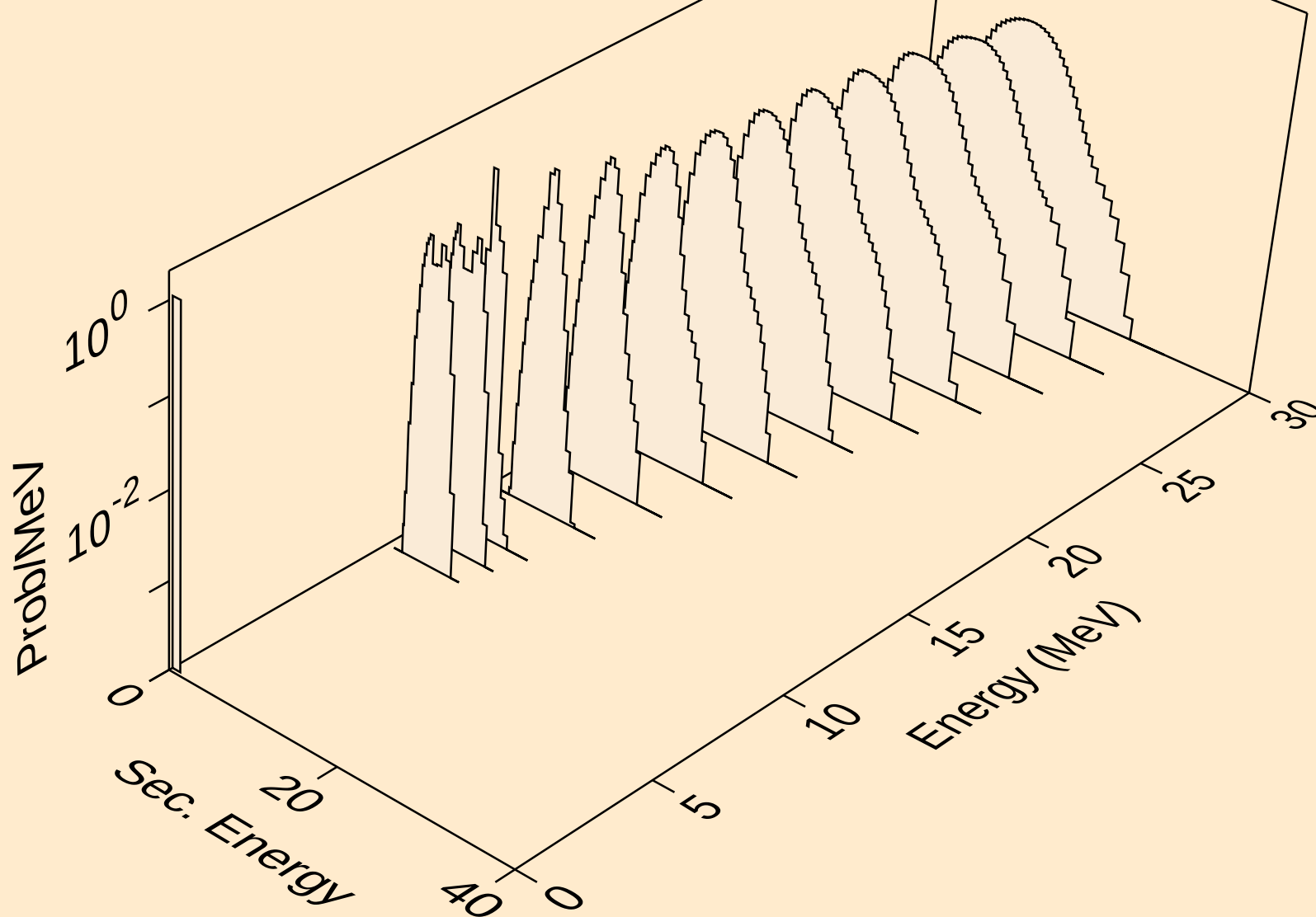
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



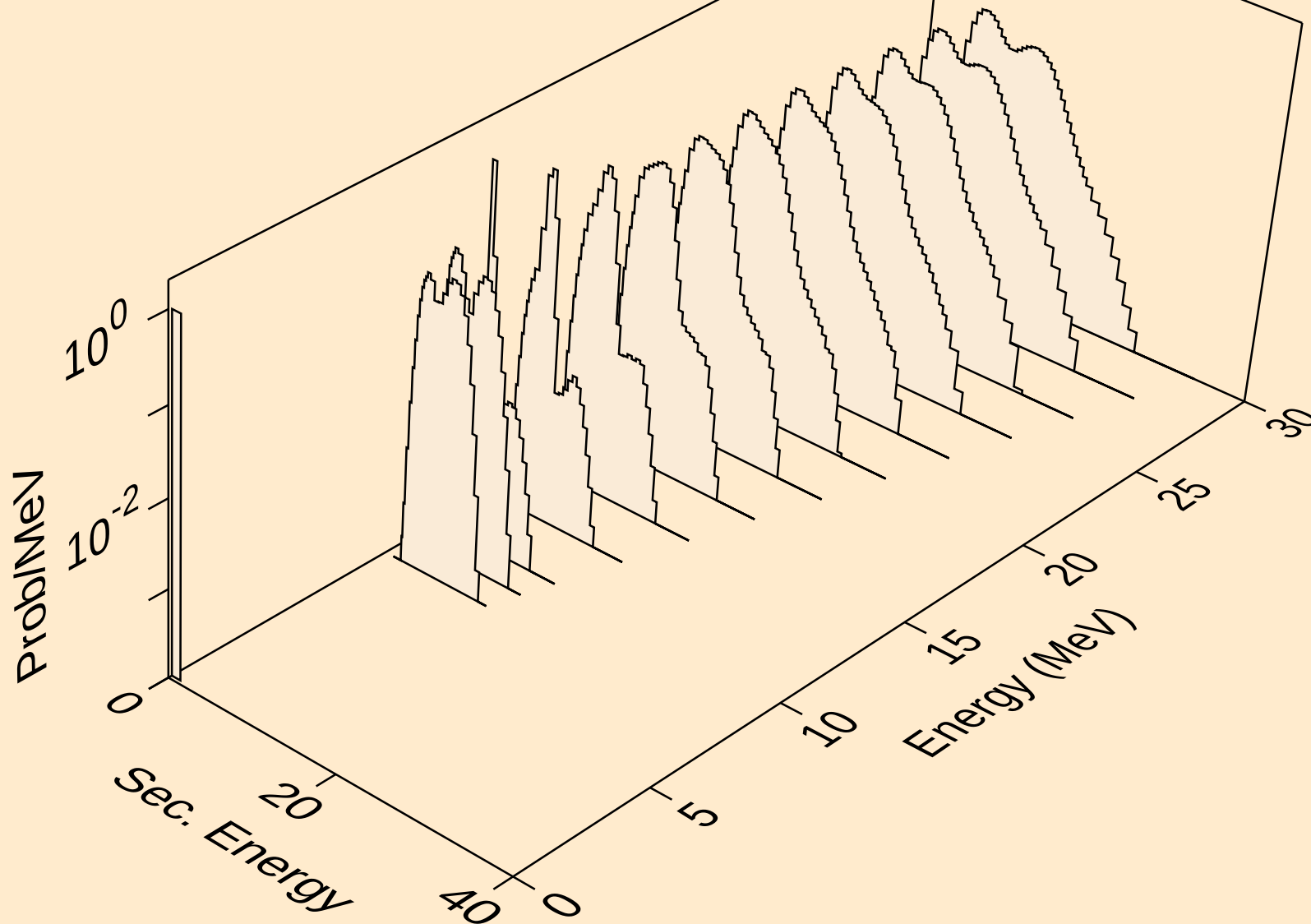
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



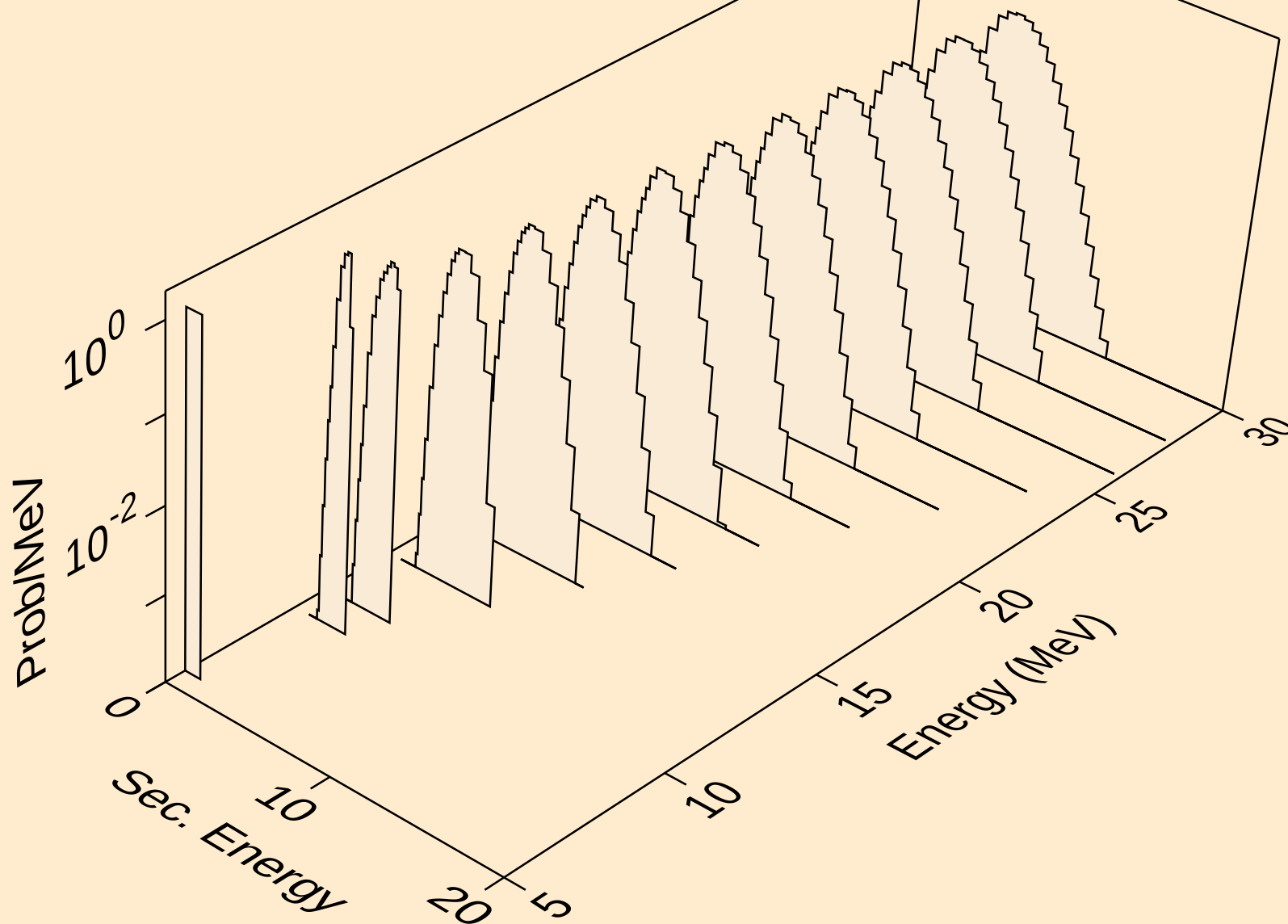
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



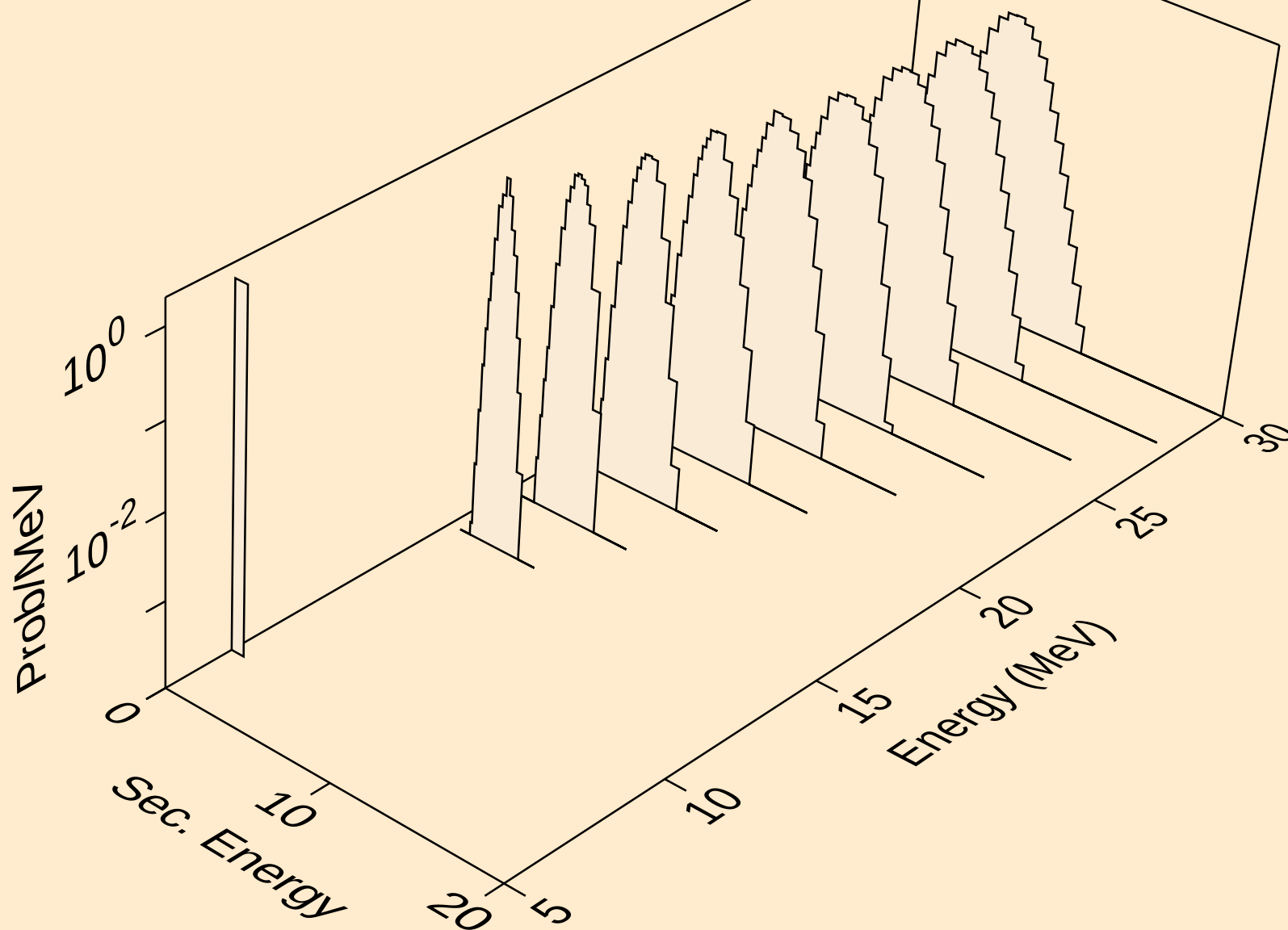
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



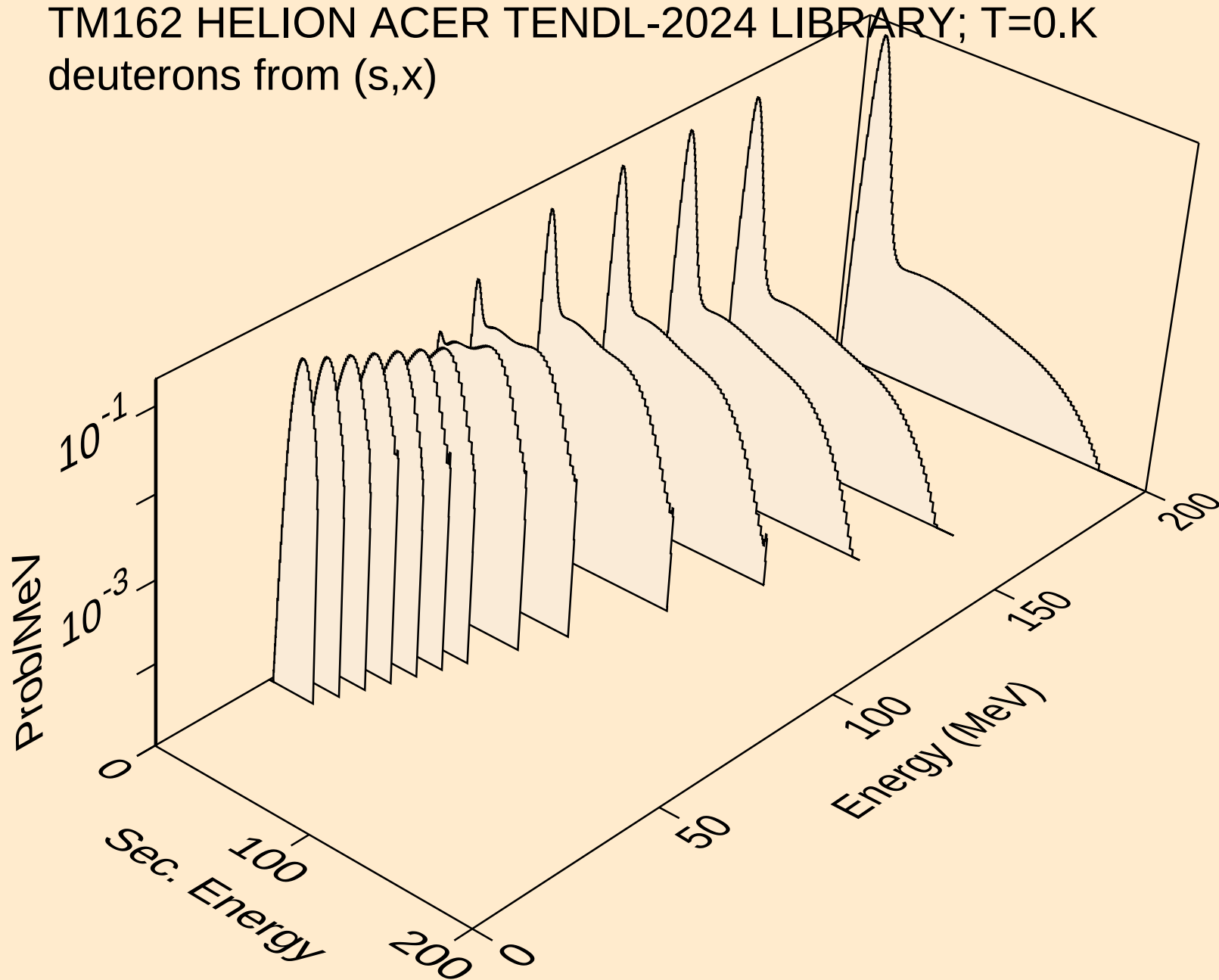
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



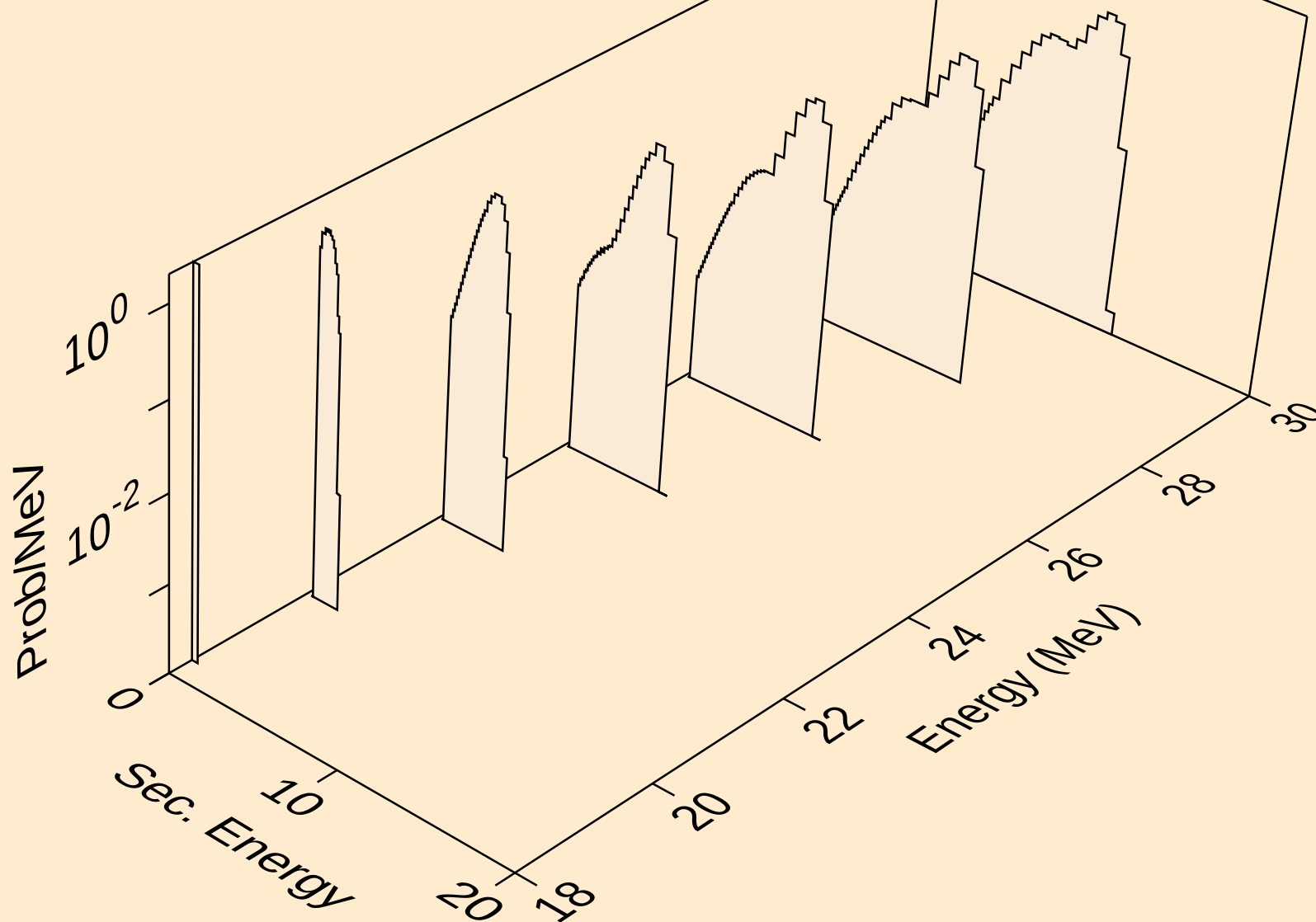
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



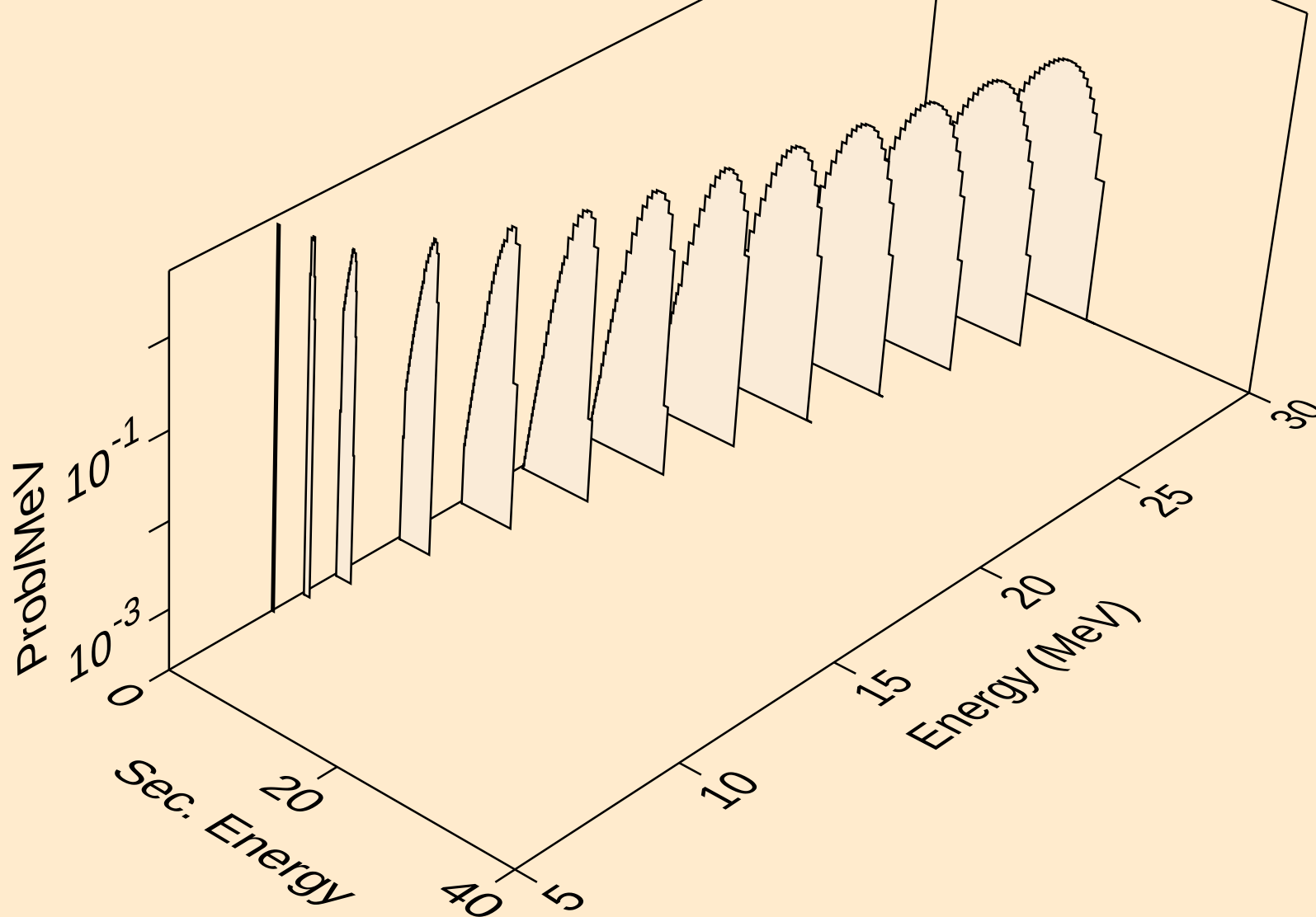
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



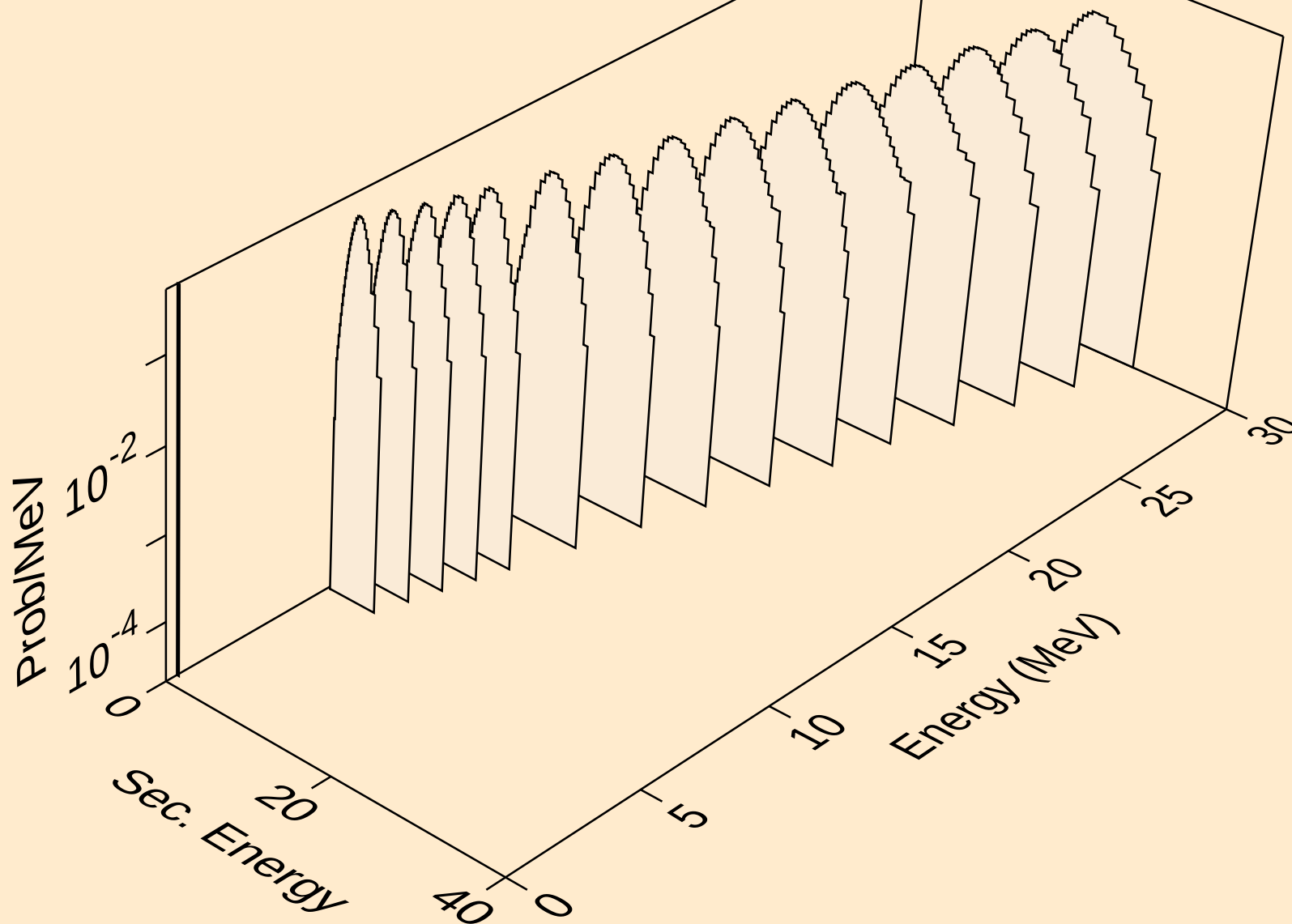
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



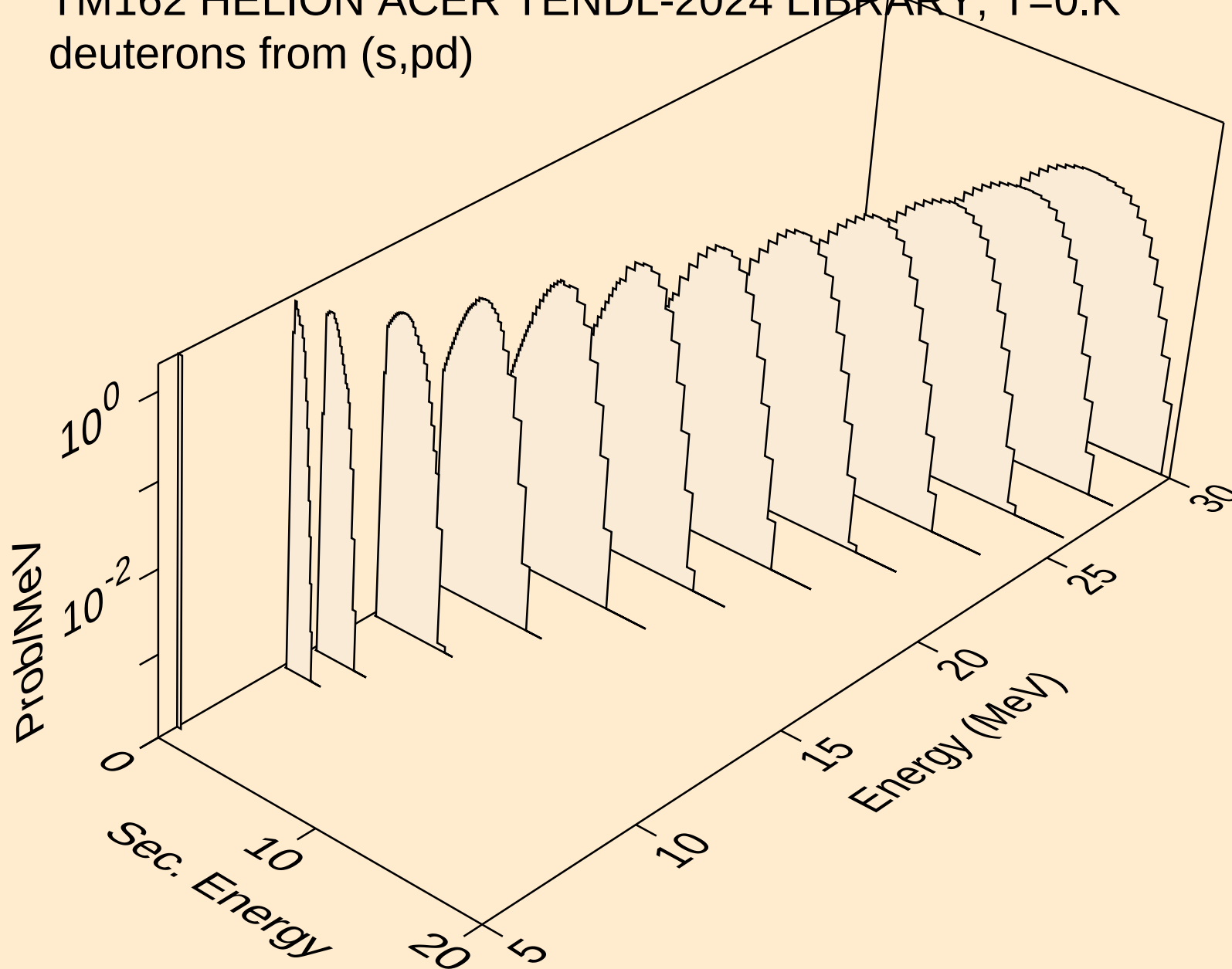
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



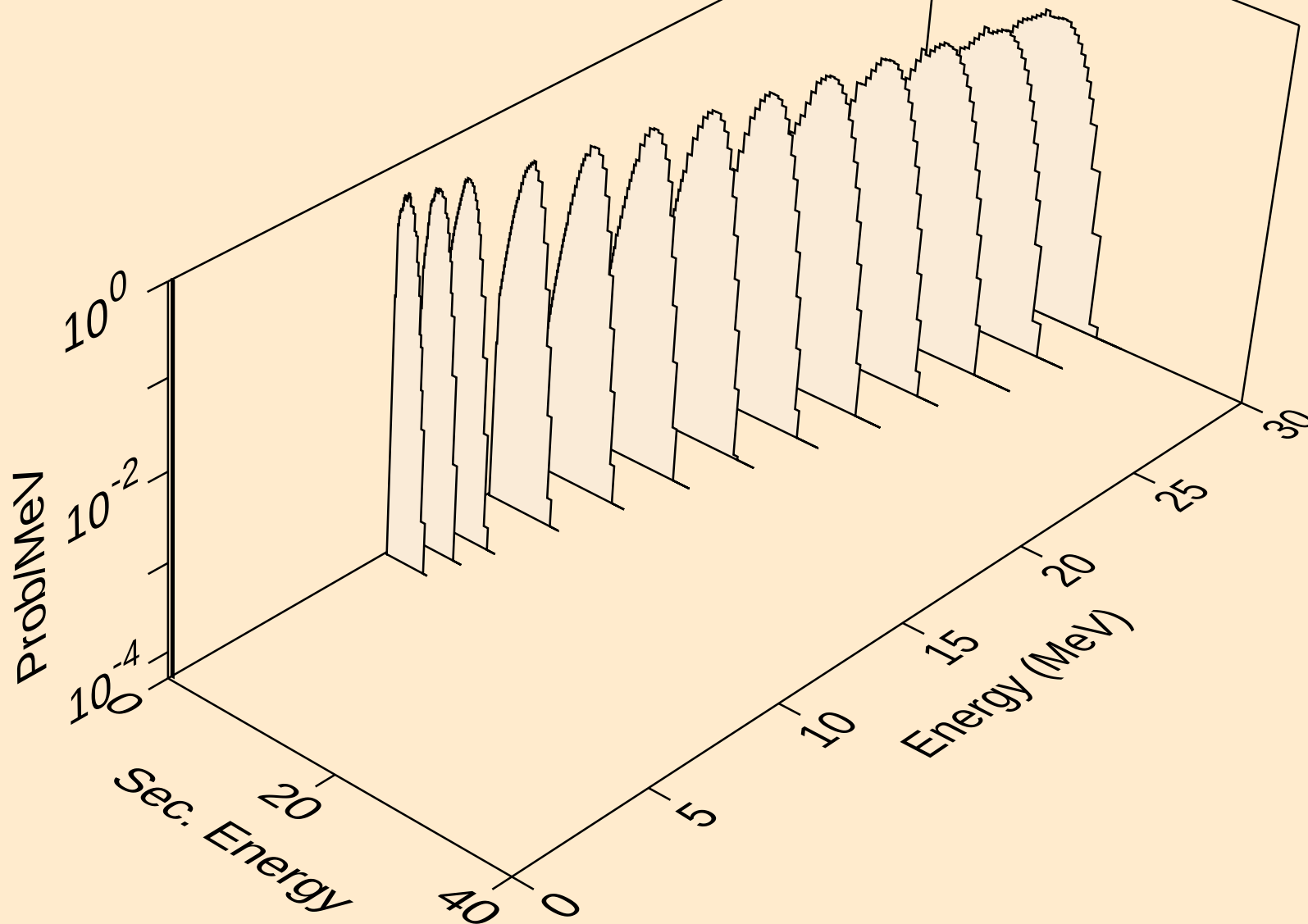
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



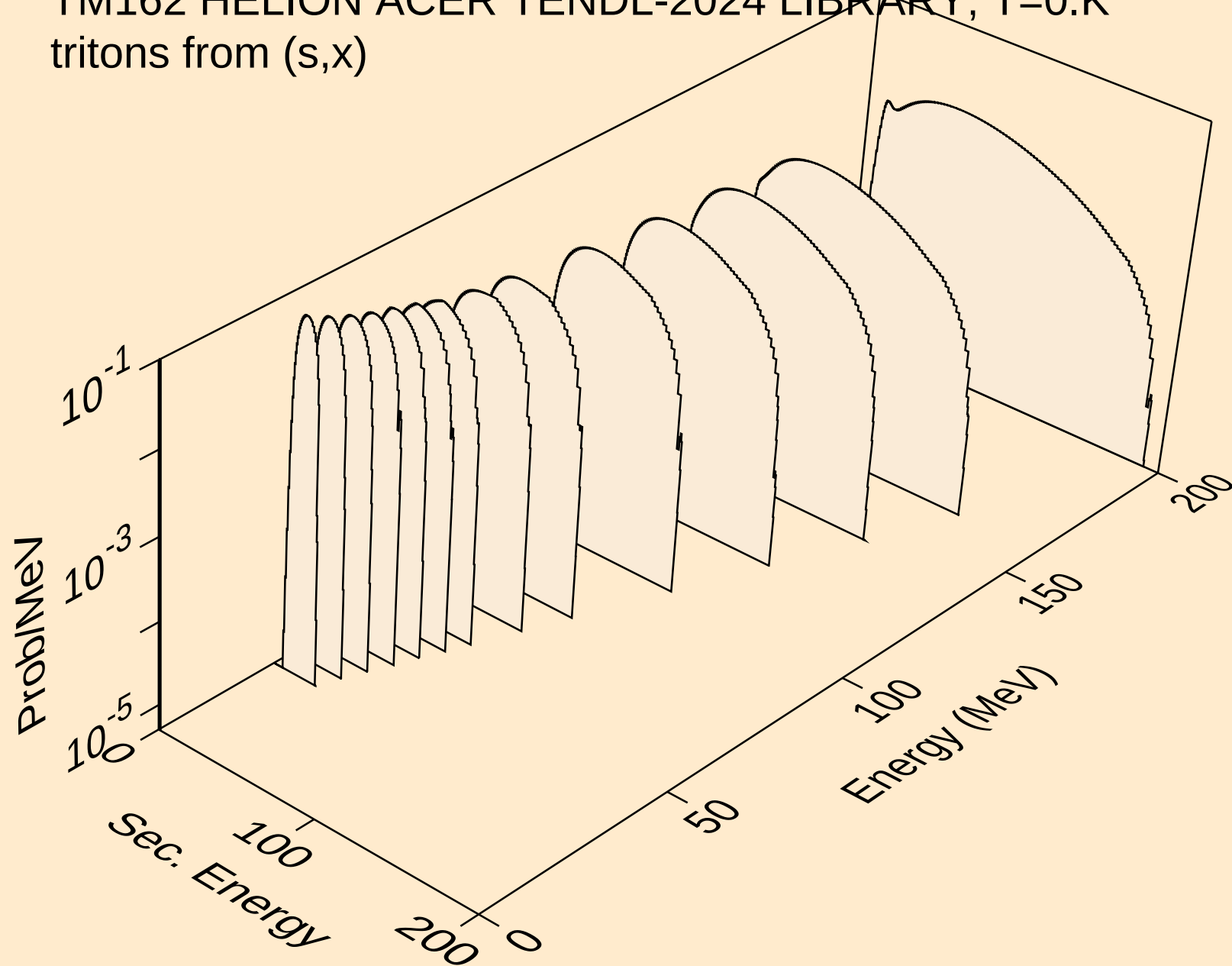
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



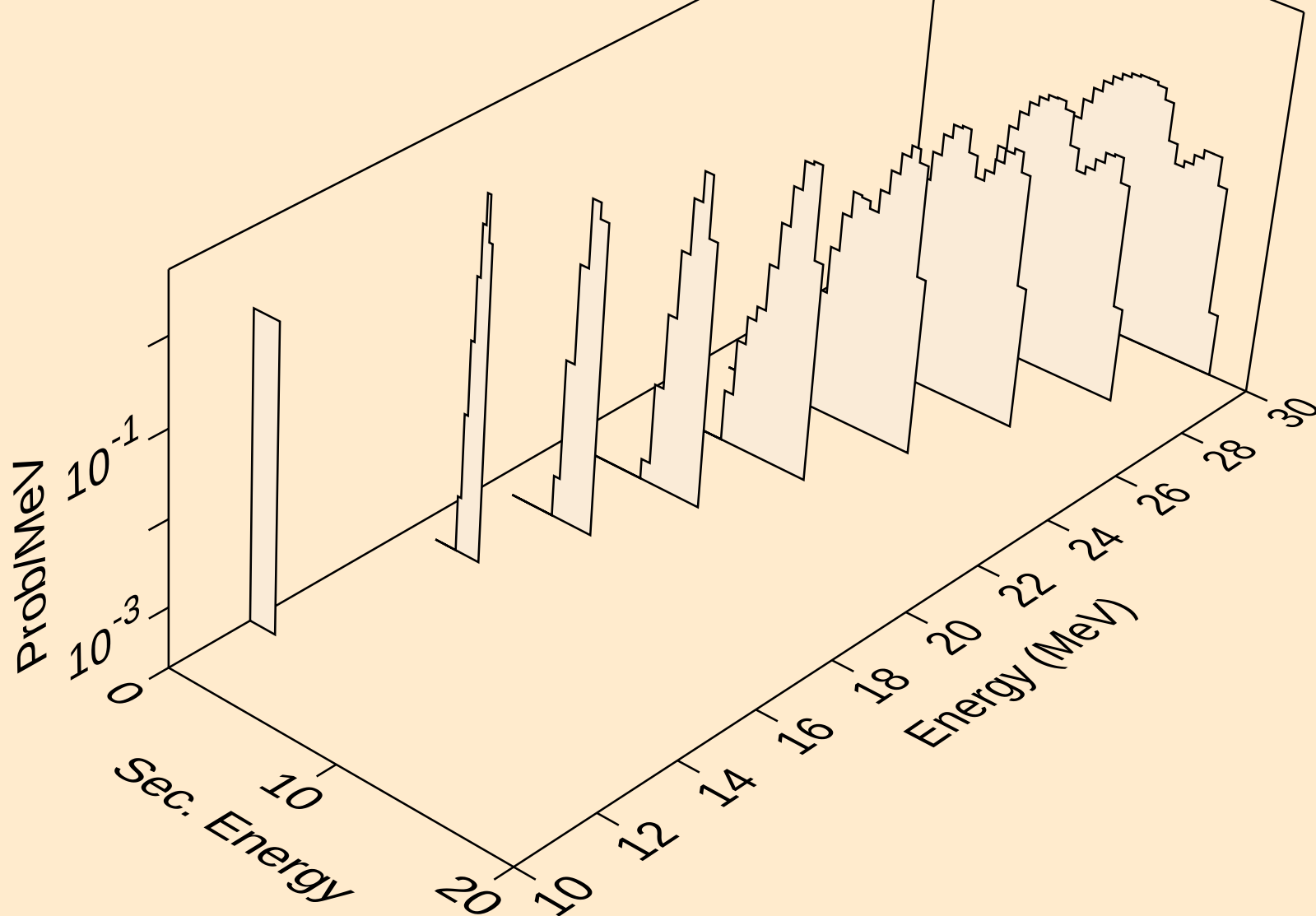
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



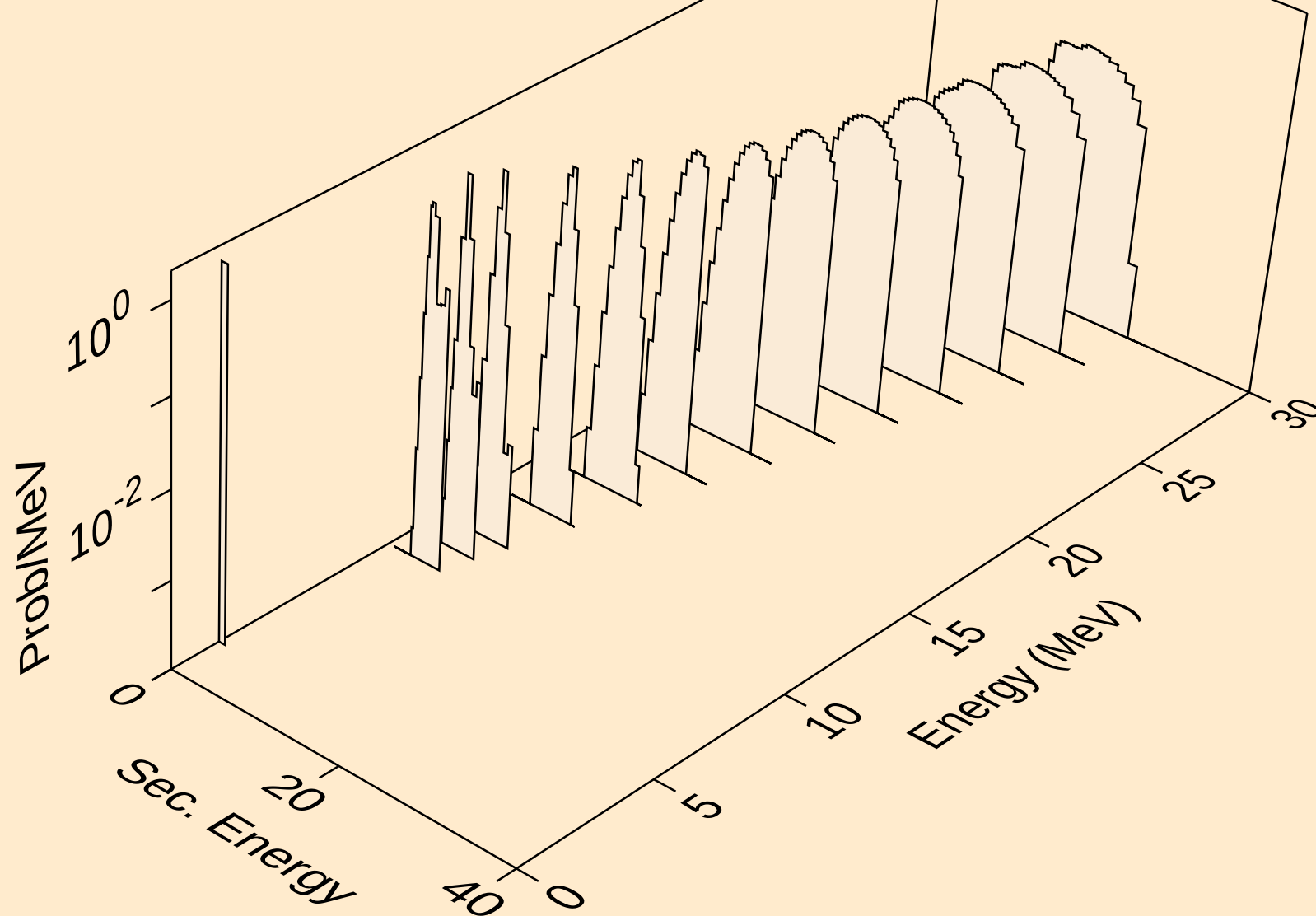
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



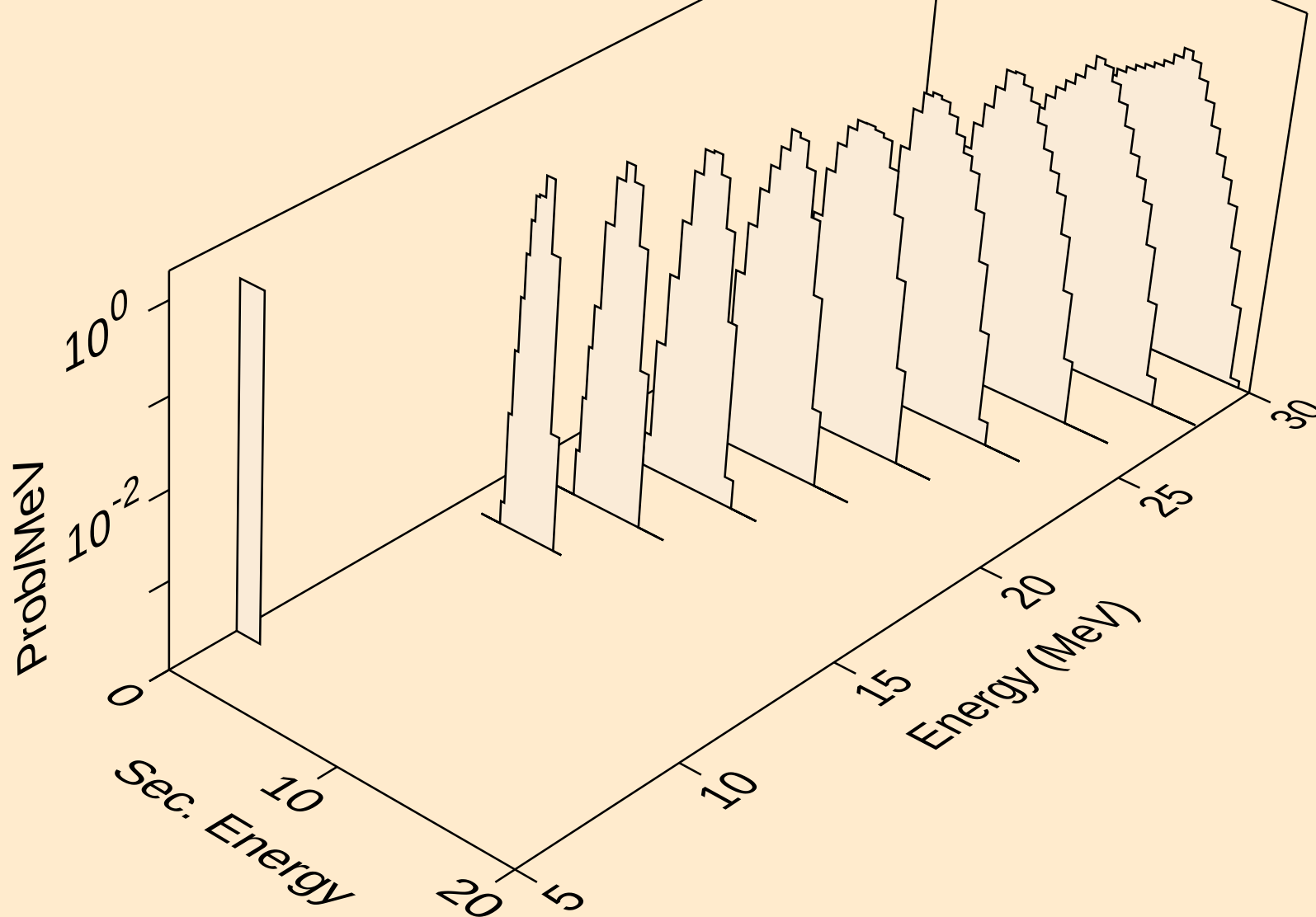
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



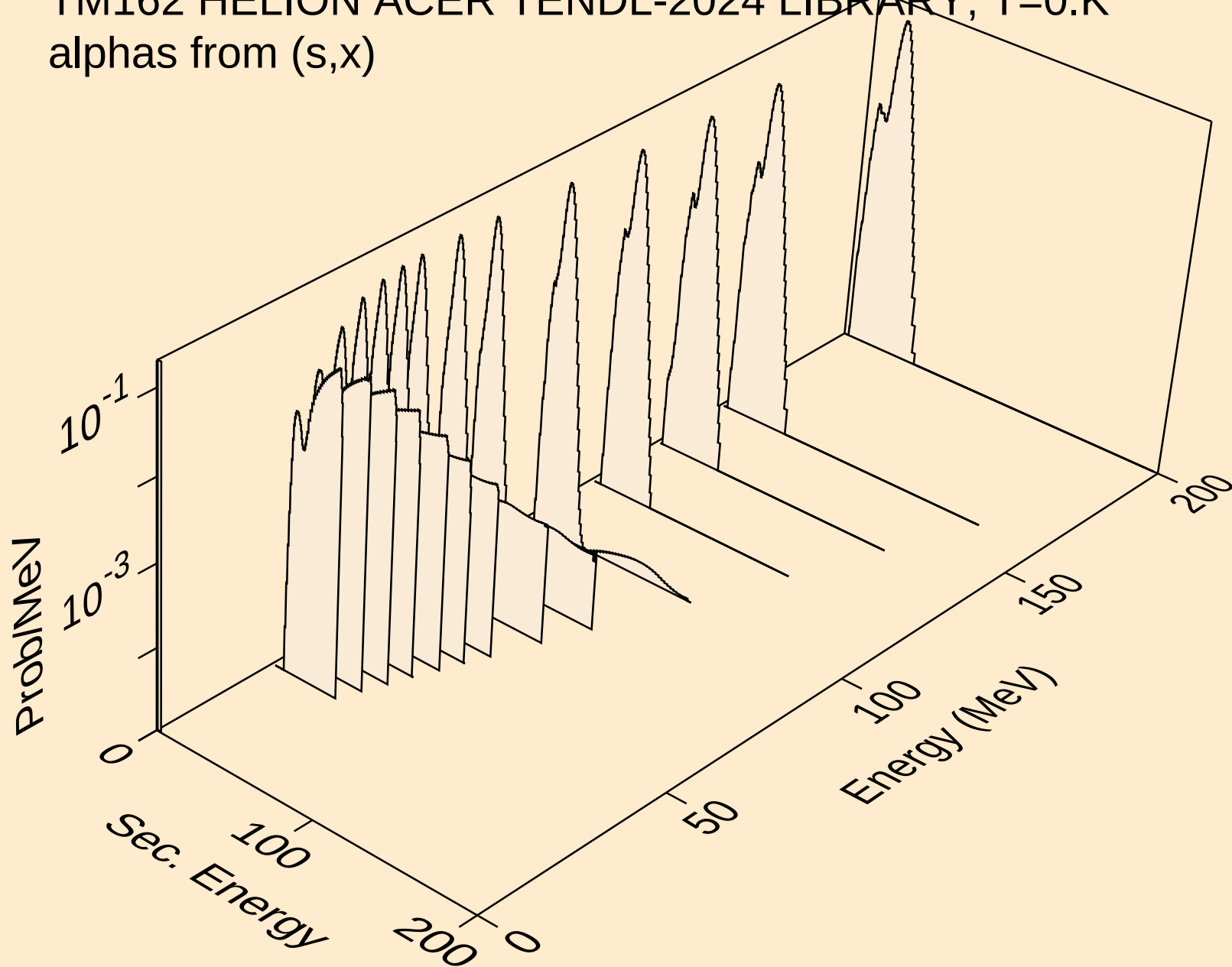
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



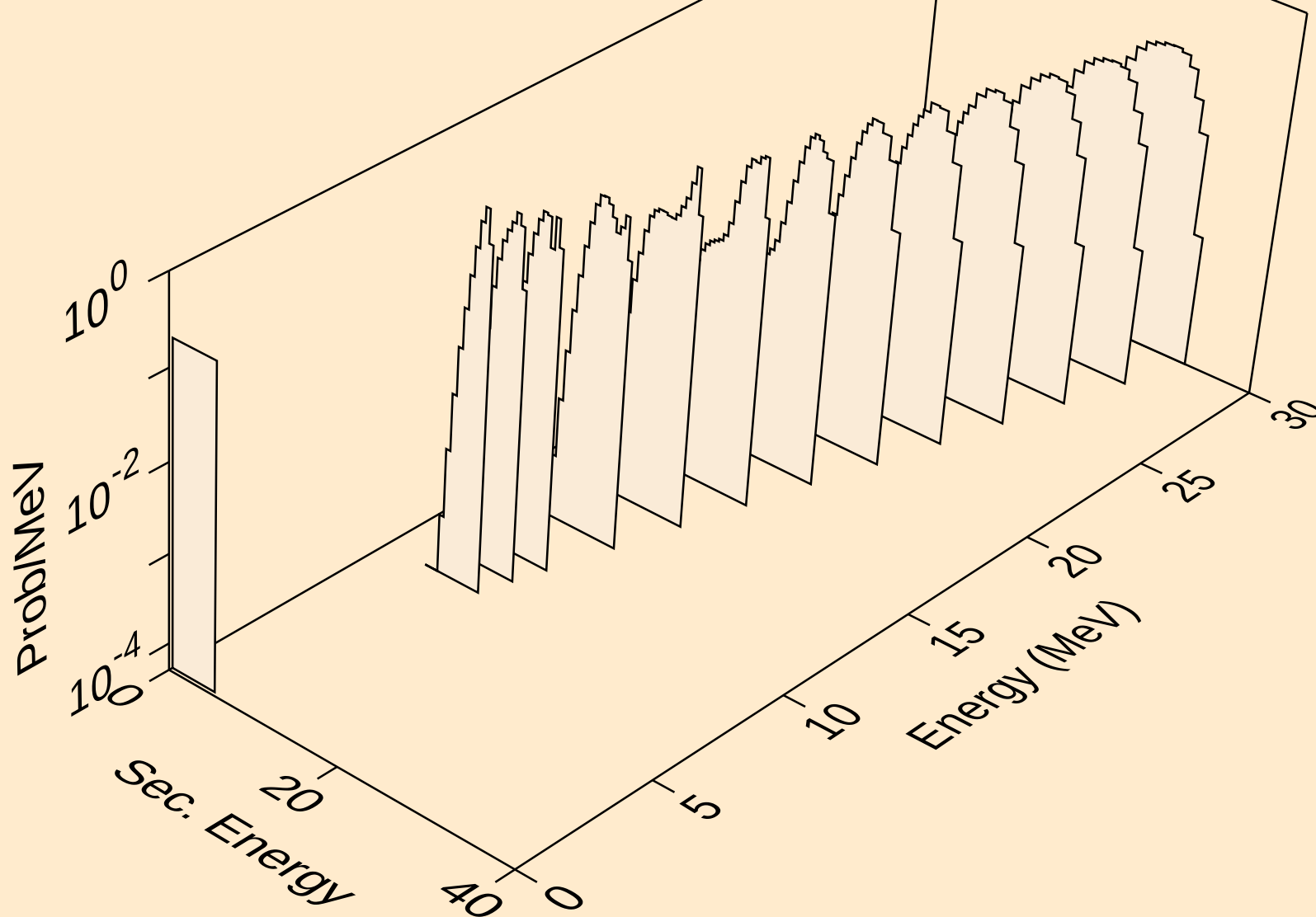
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



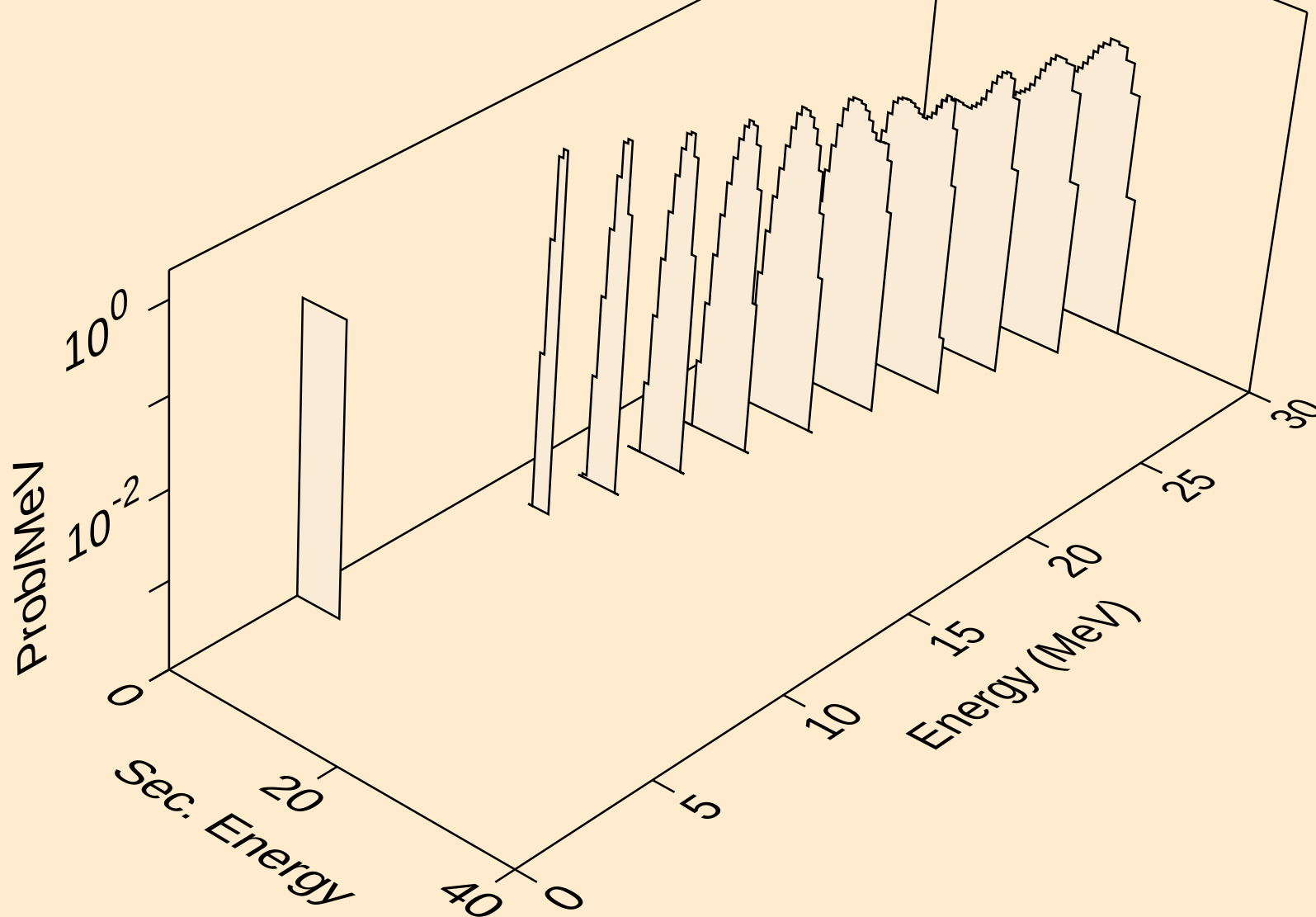
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



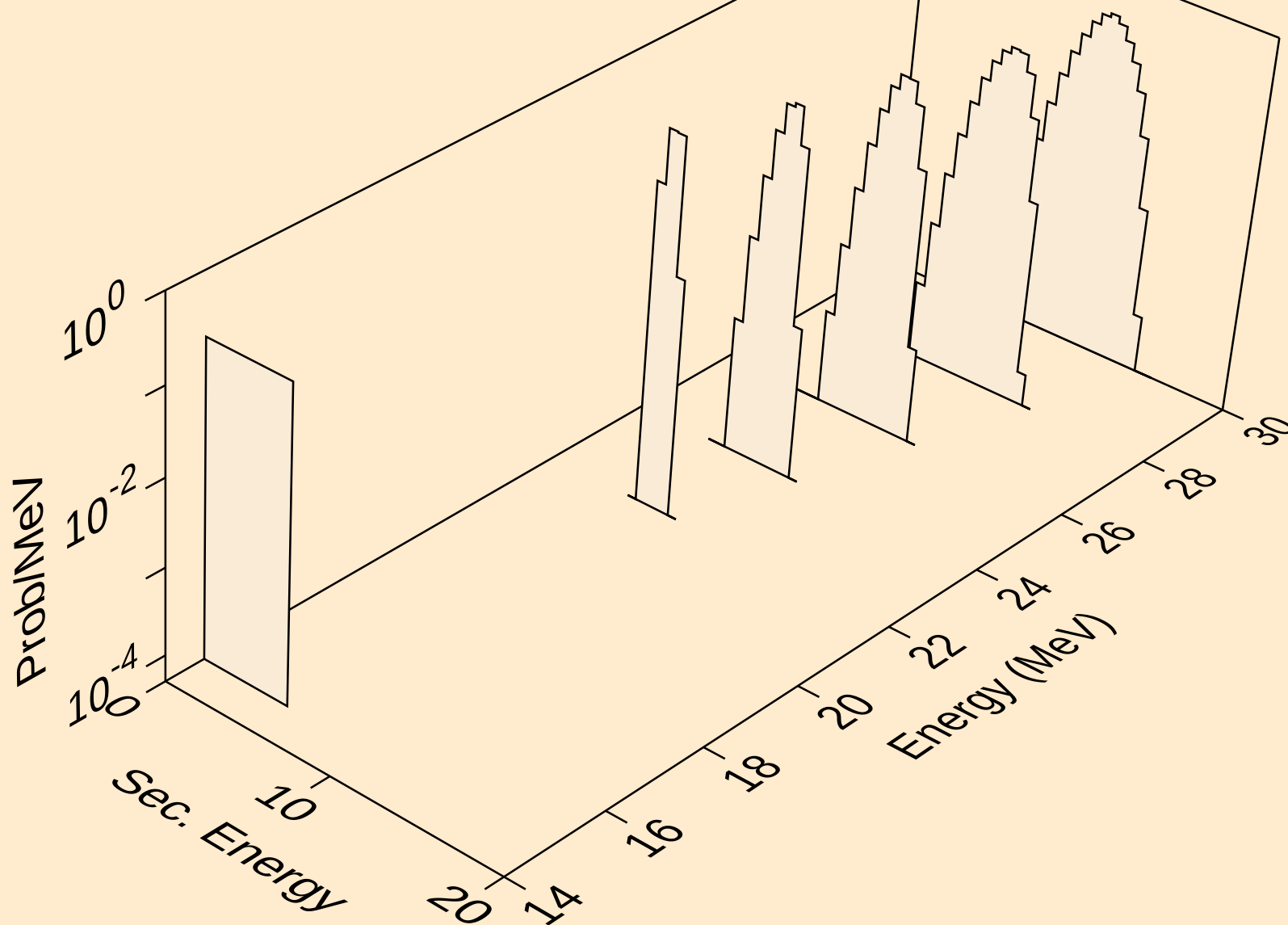
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



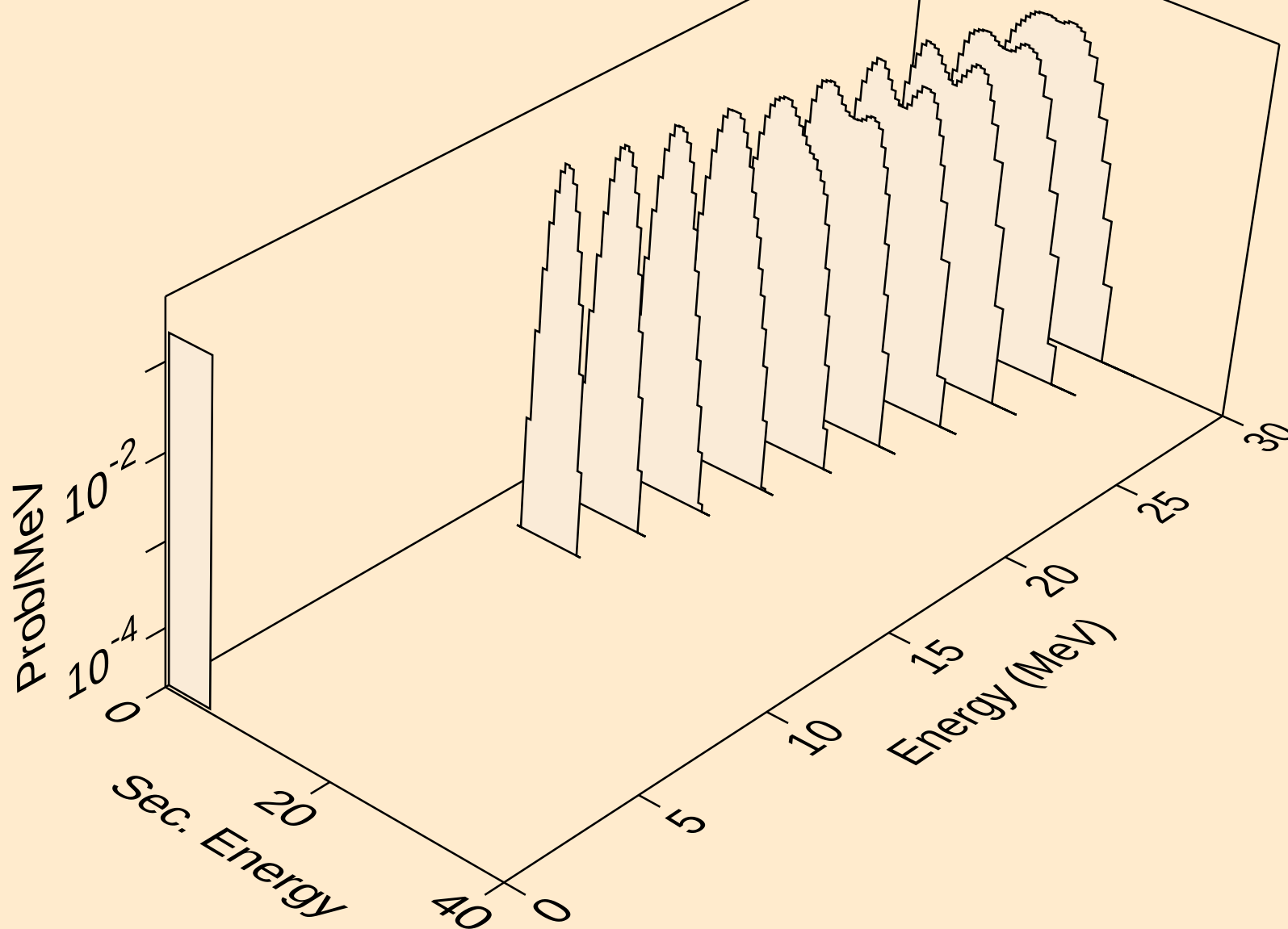
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



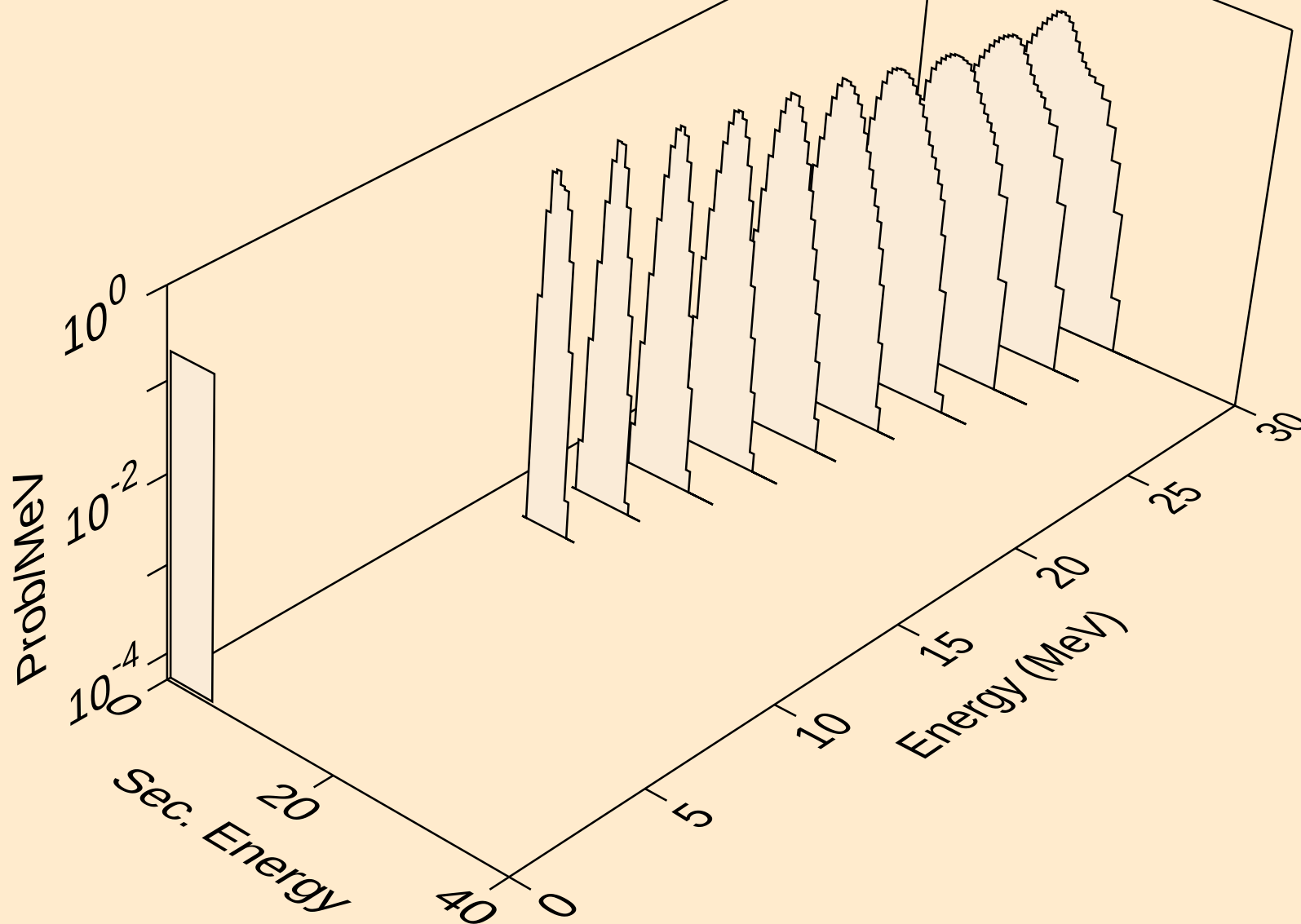
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



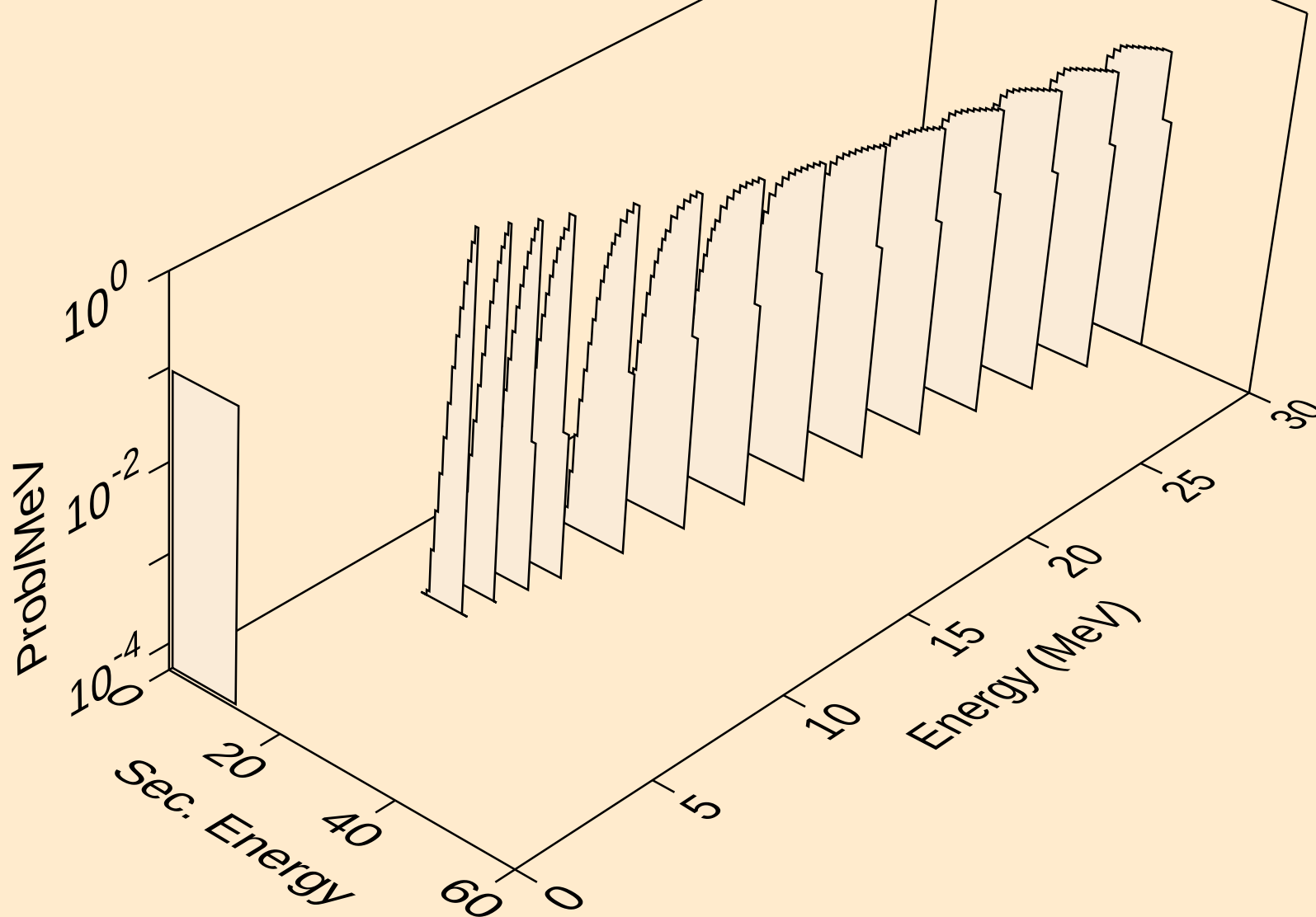
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



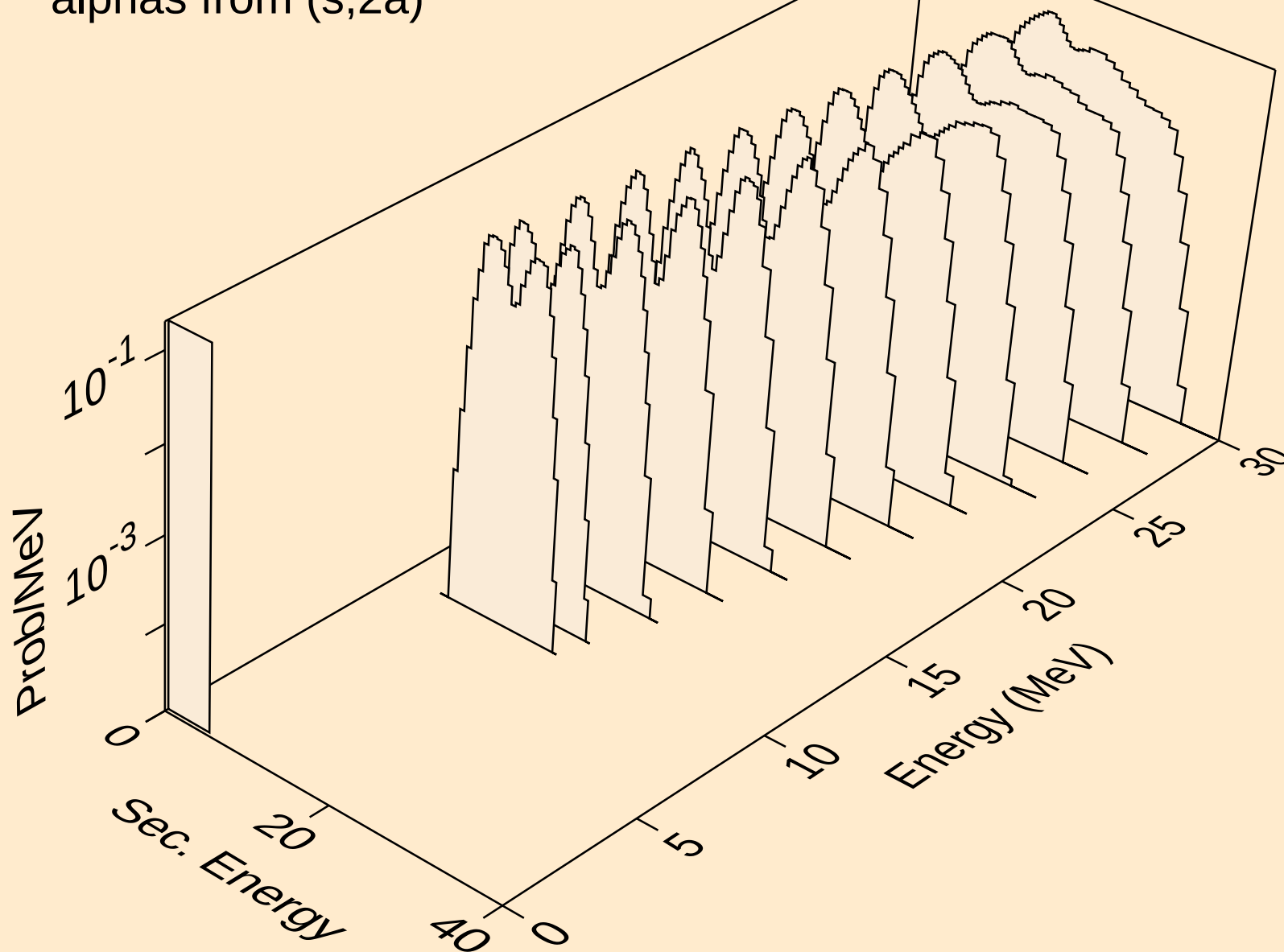
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



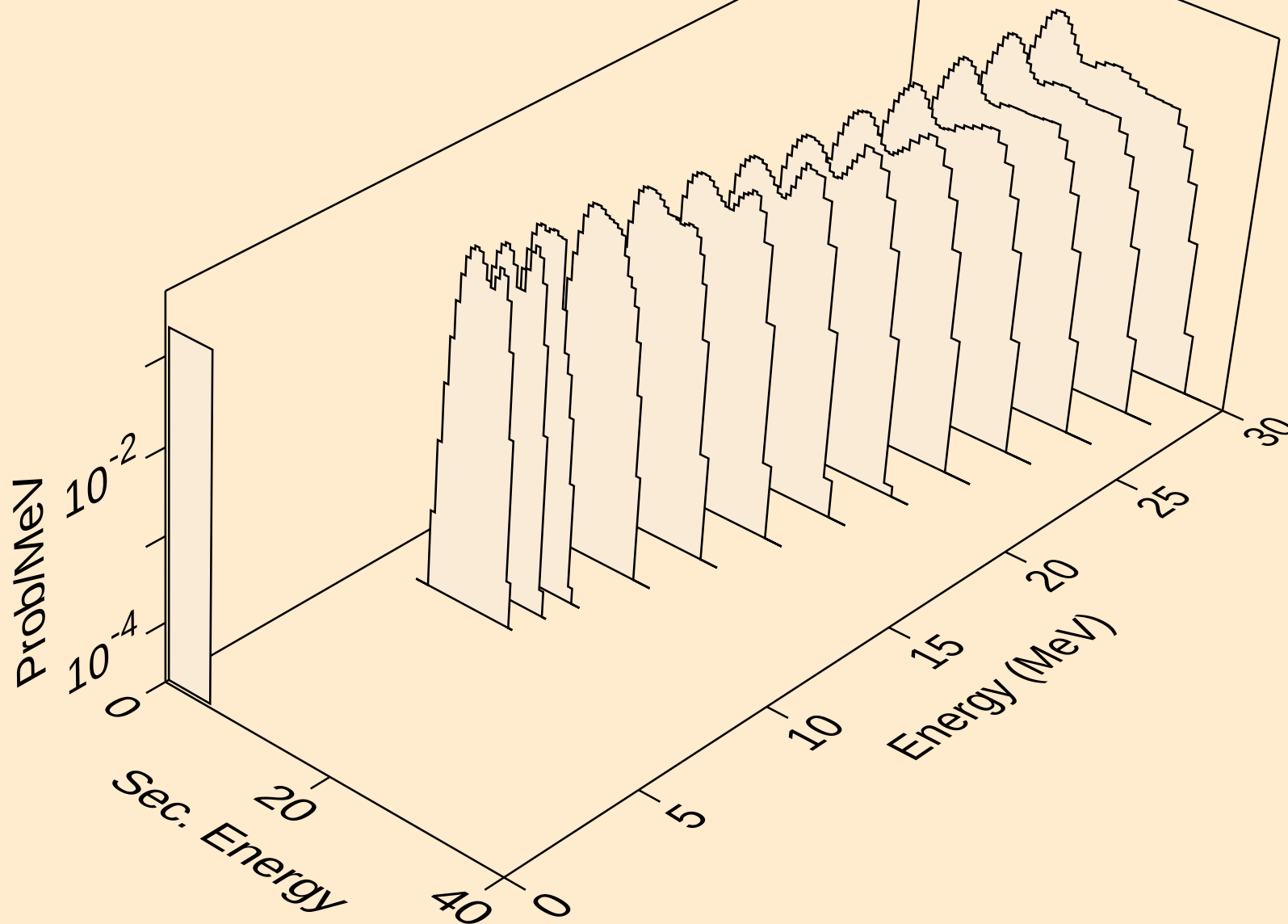
TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



TM162 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

