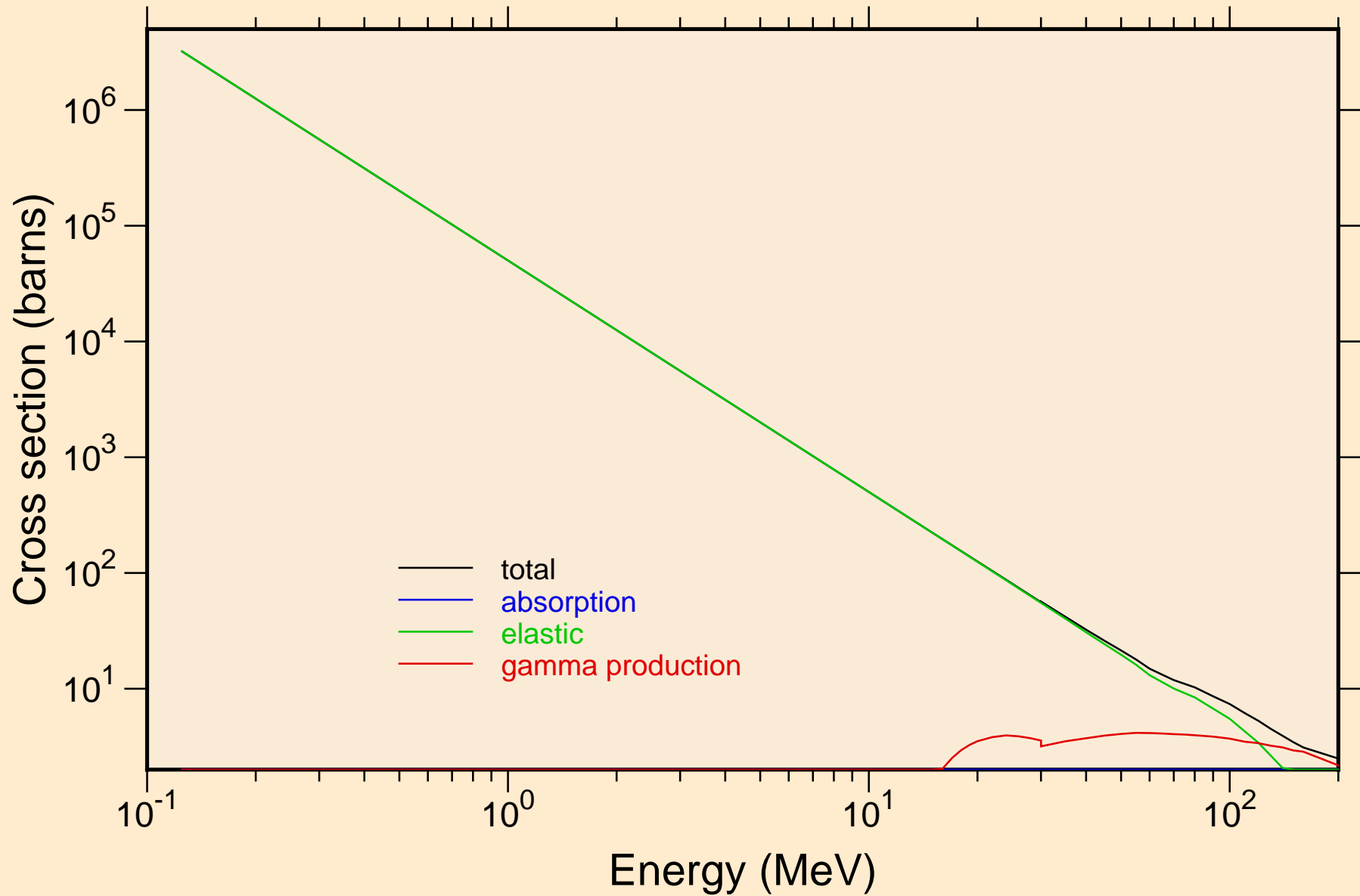
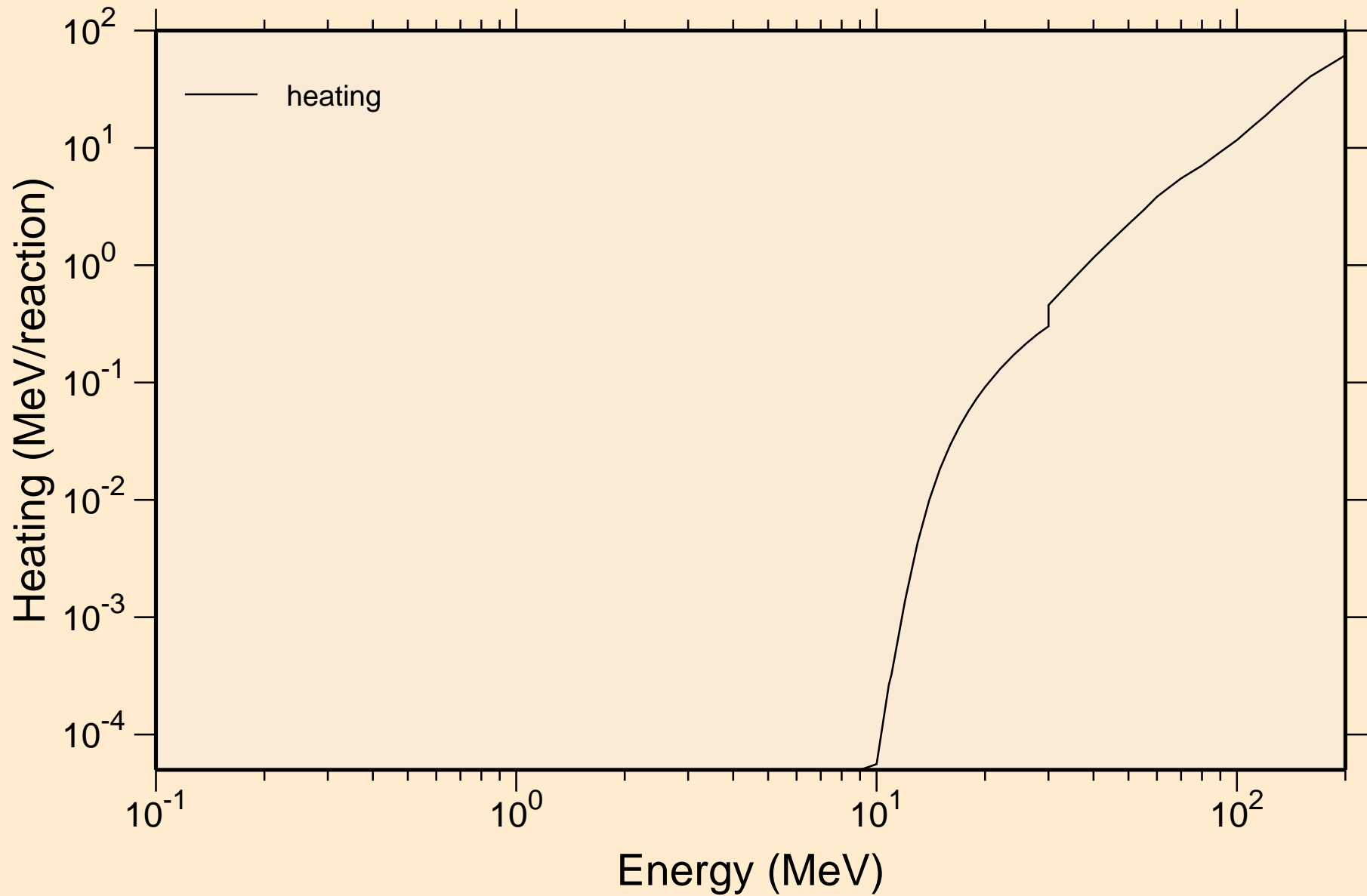


RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



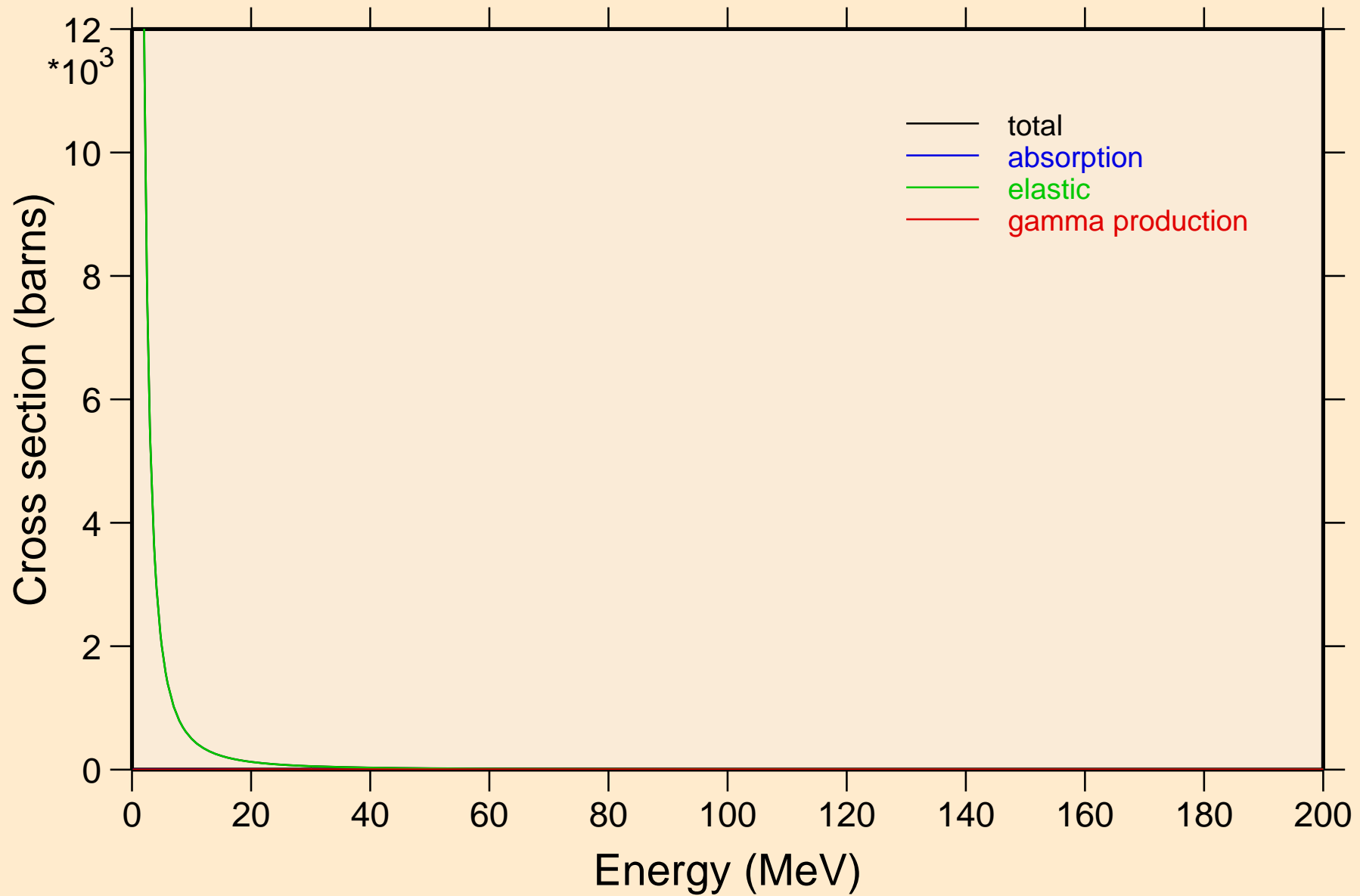
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



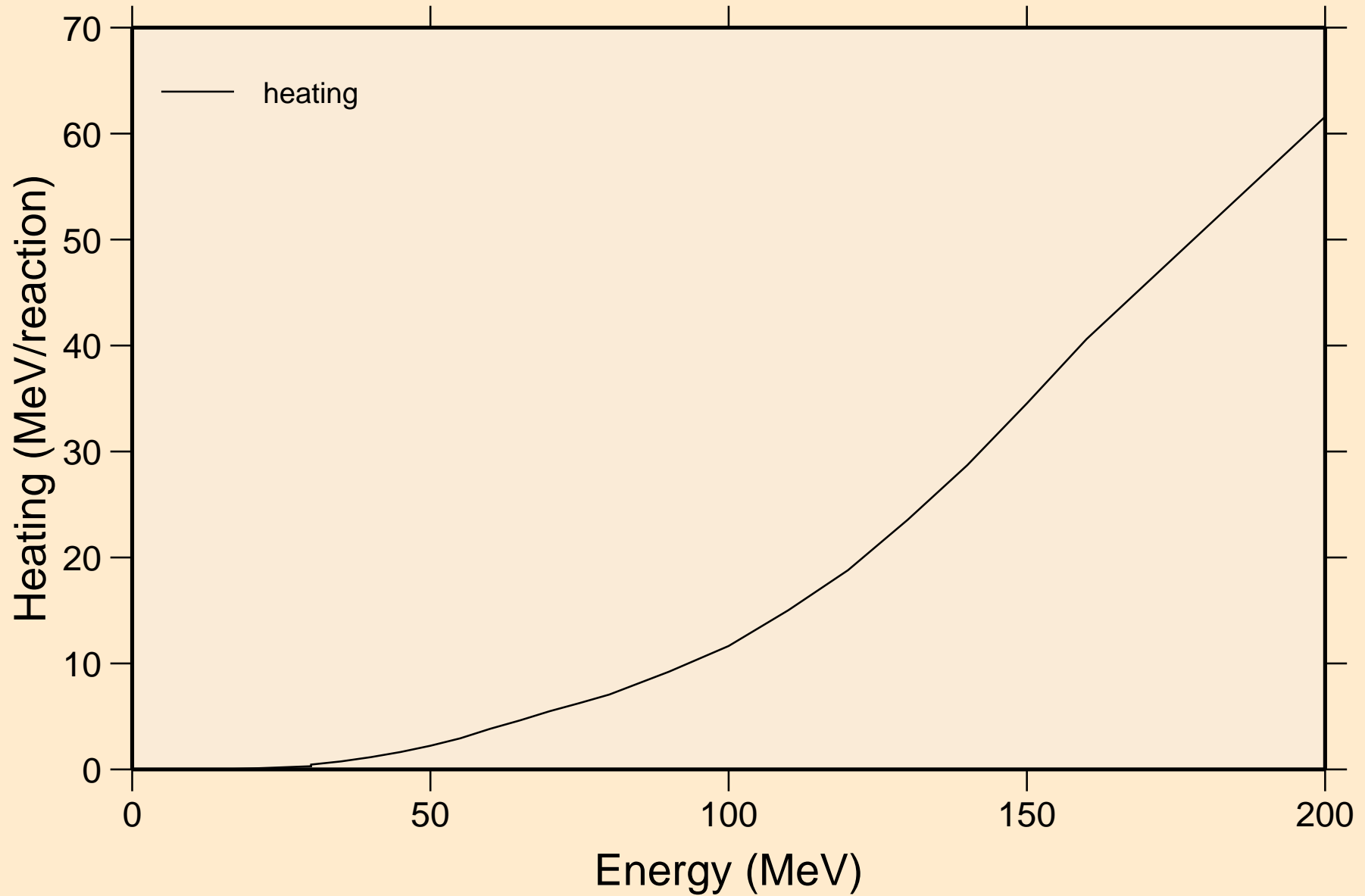
# RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



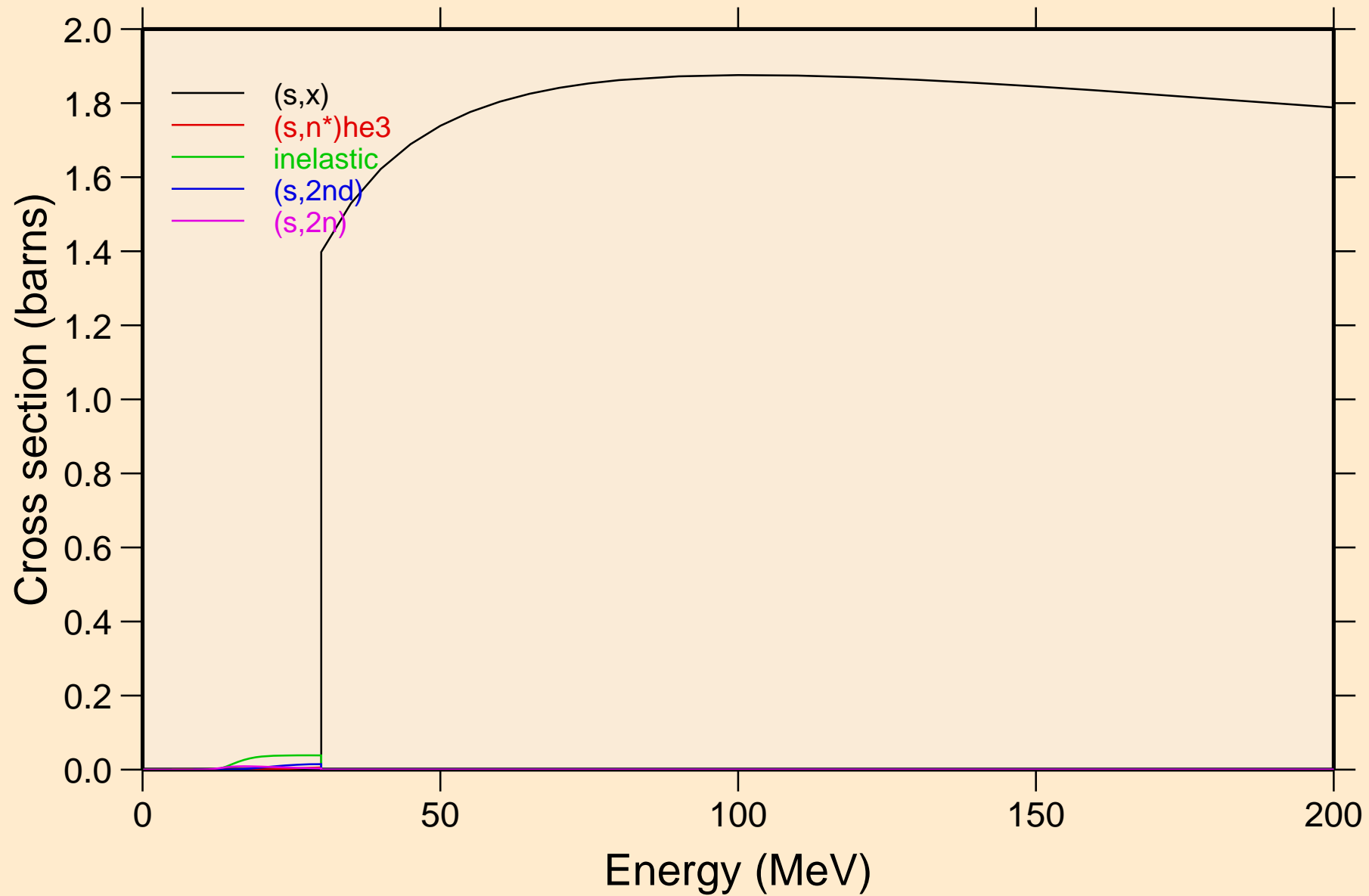
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating

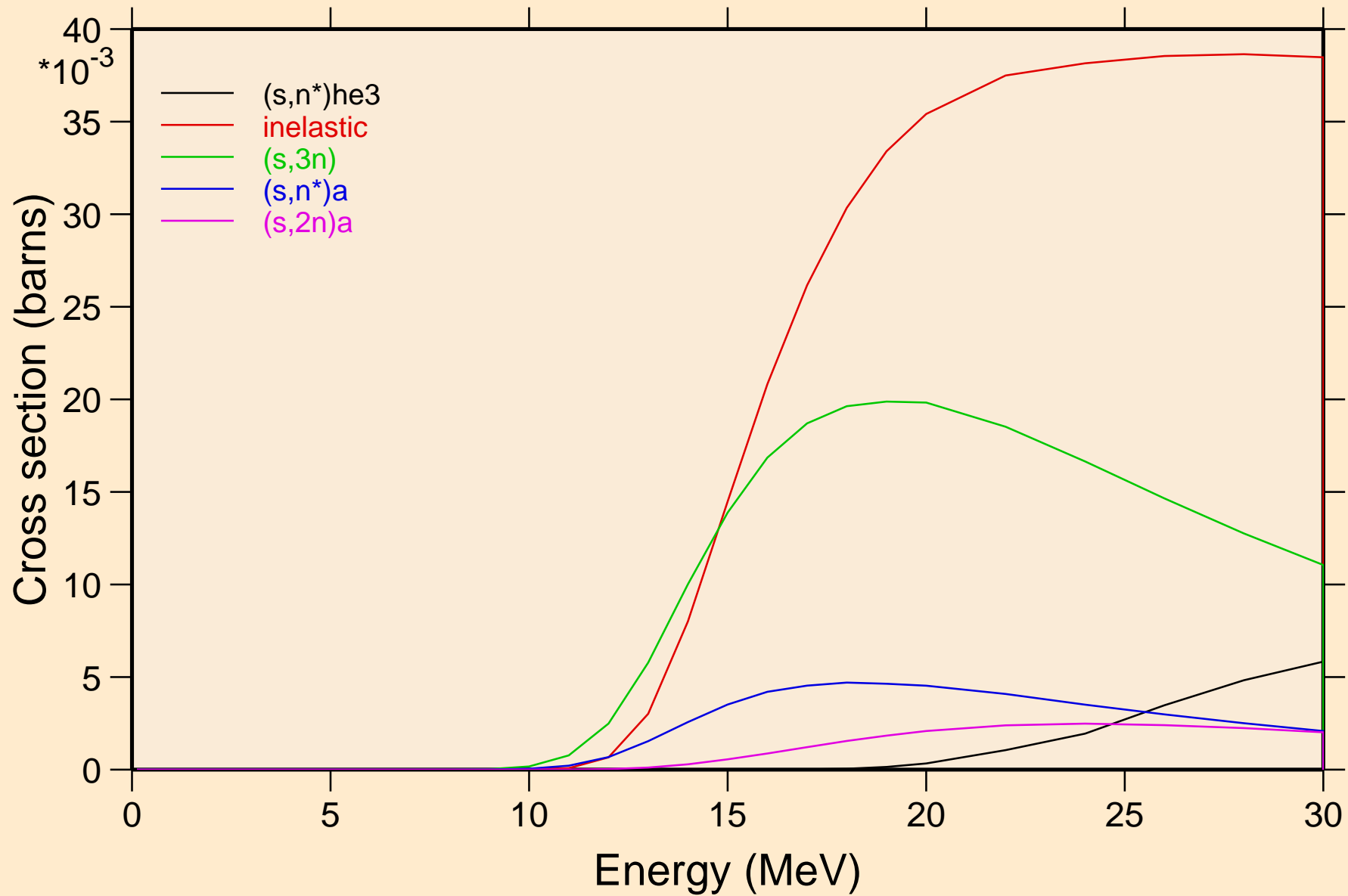


# RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K

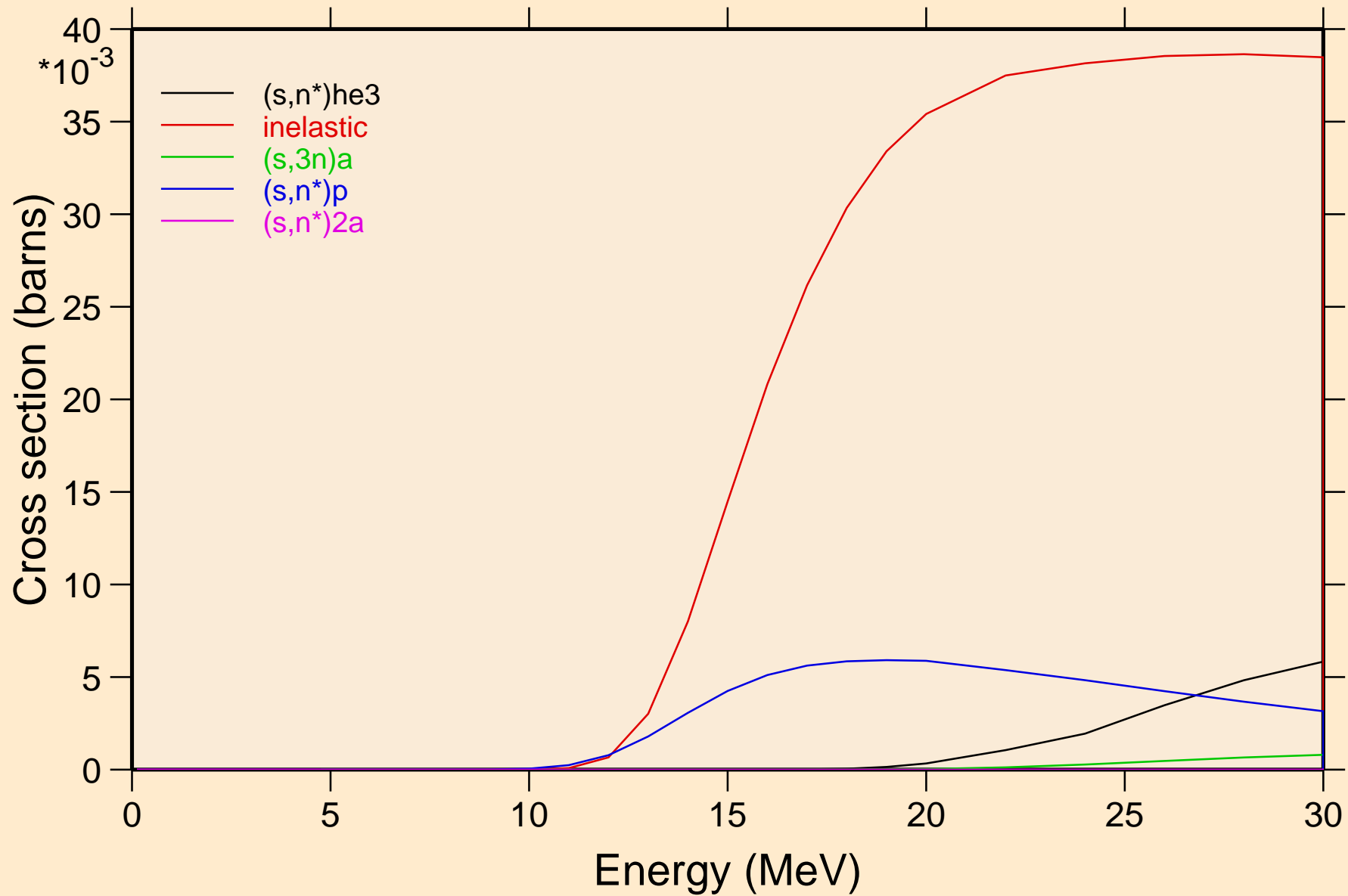
## Threshold reactions



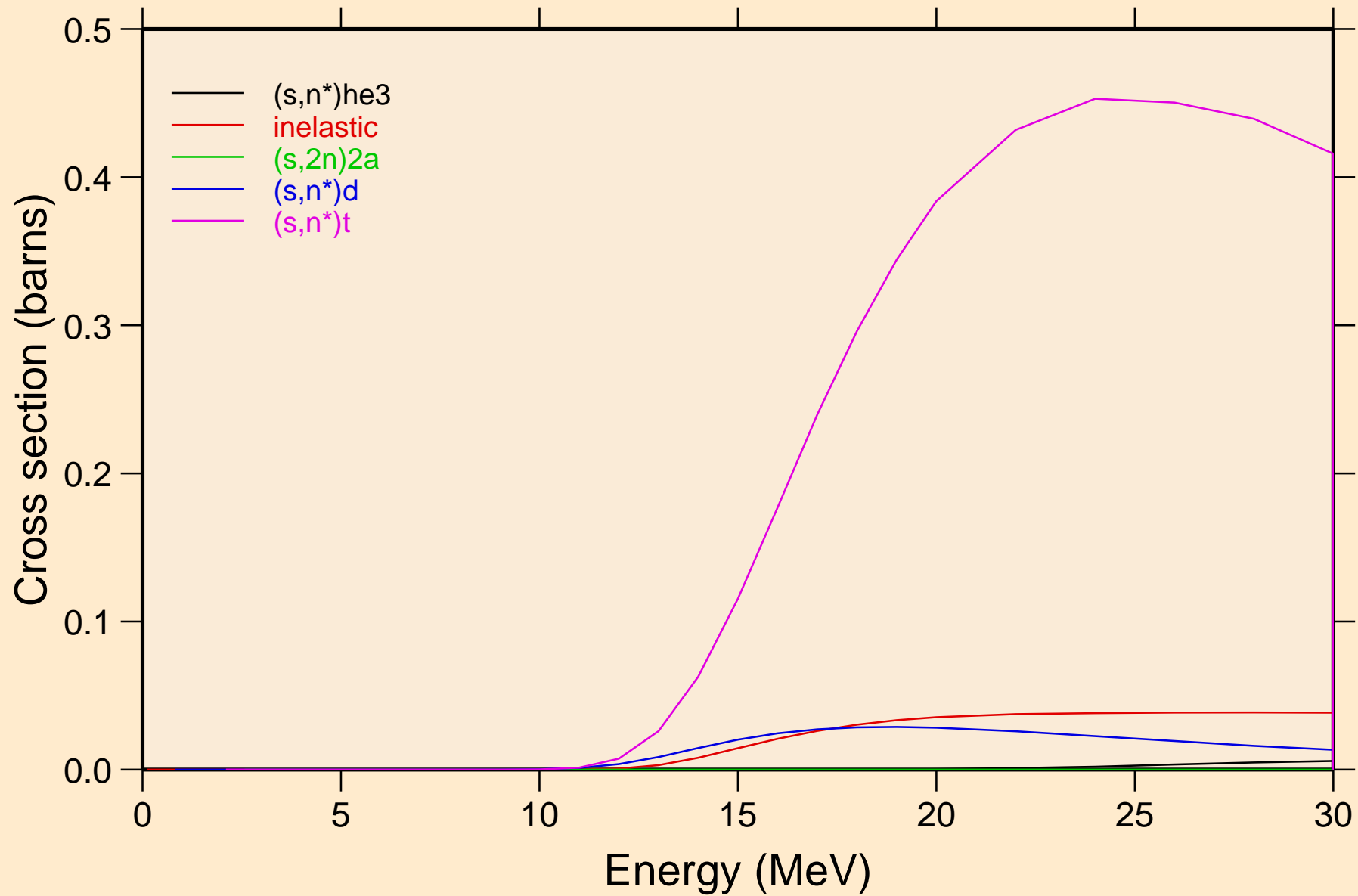
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



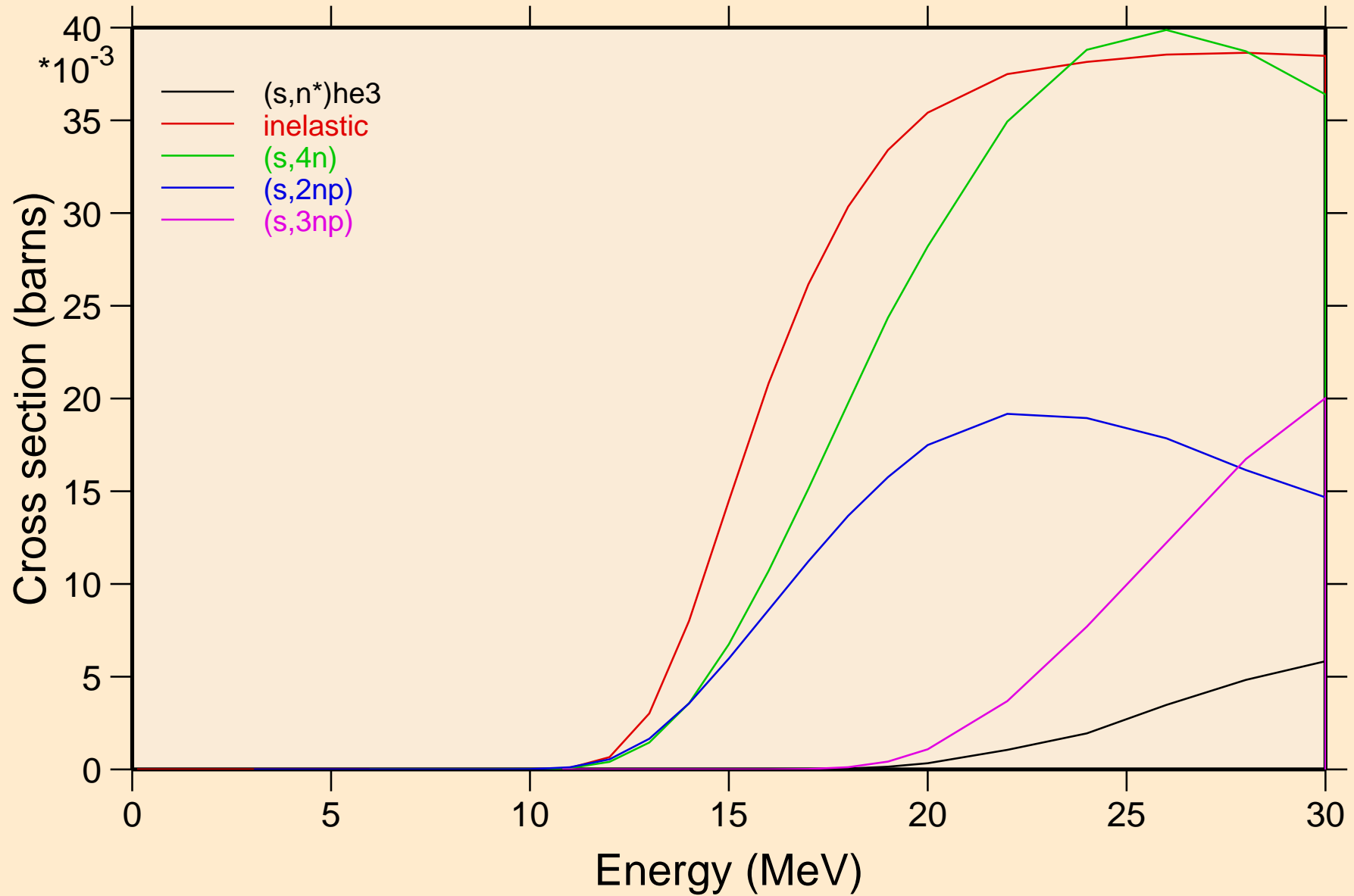
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



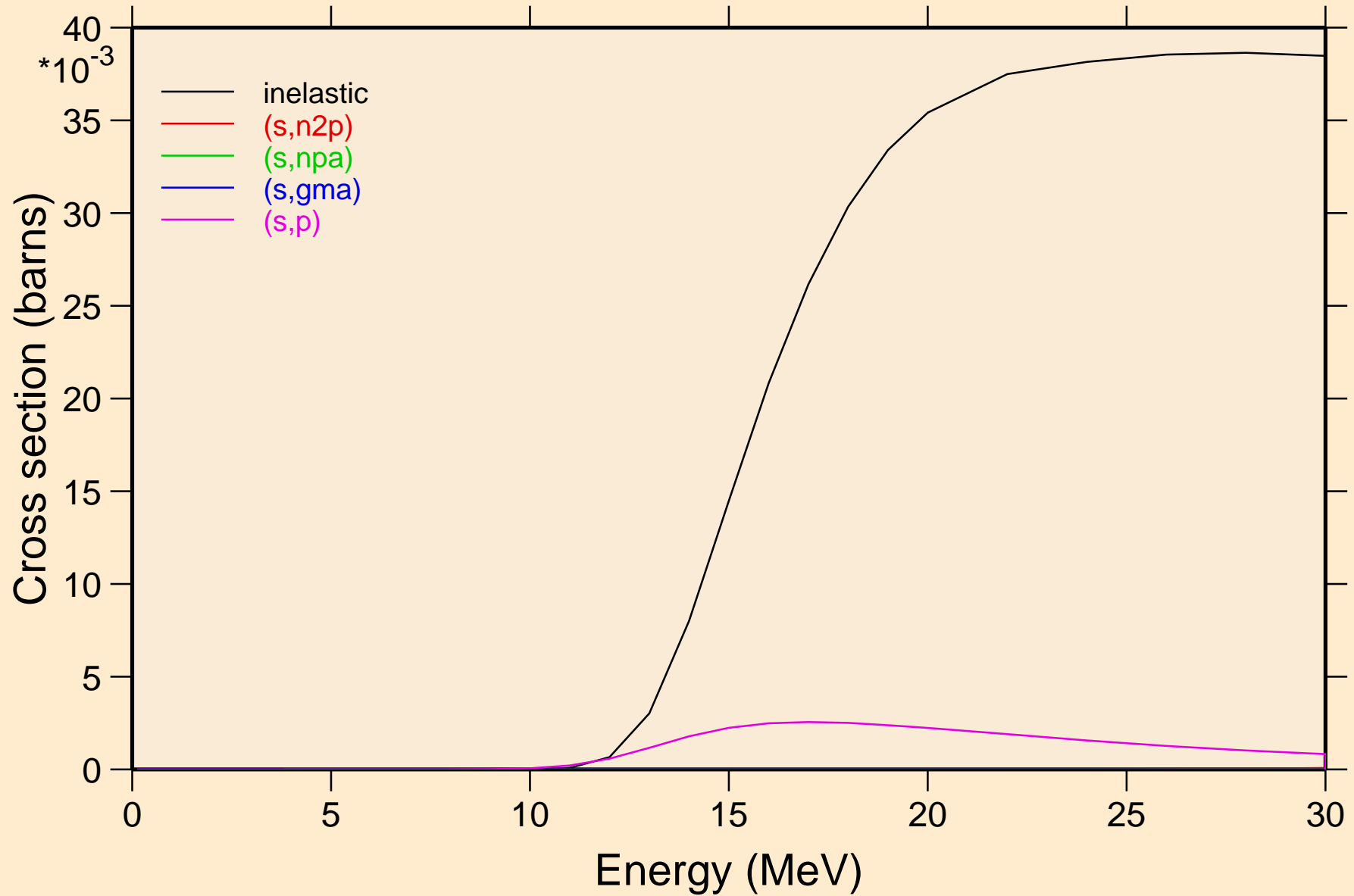
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

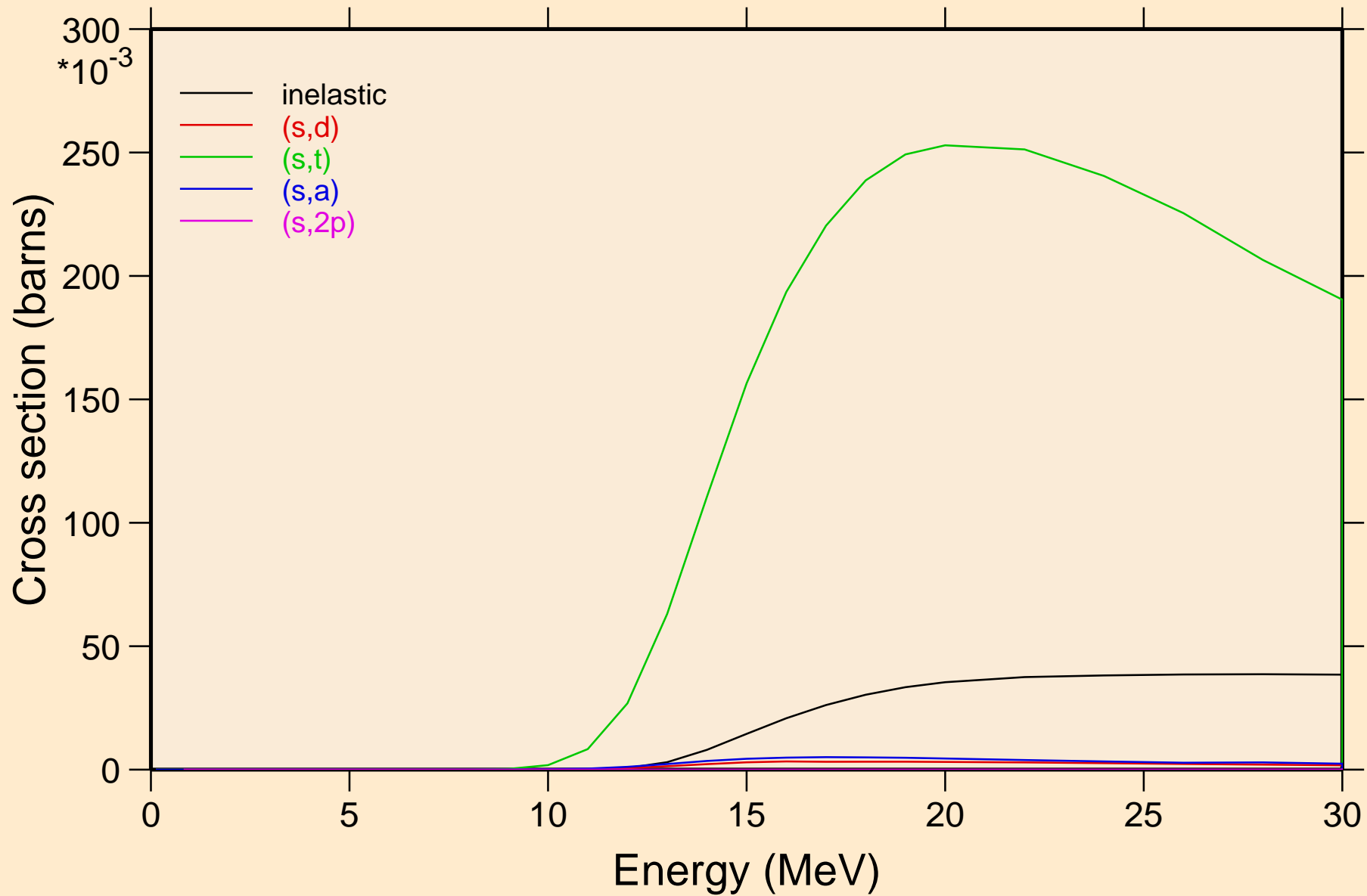


RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

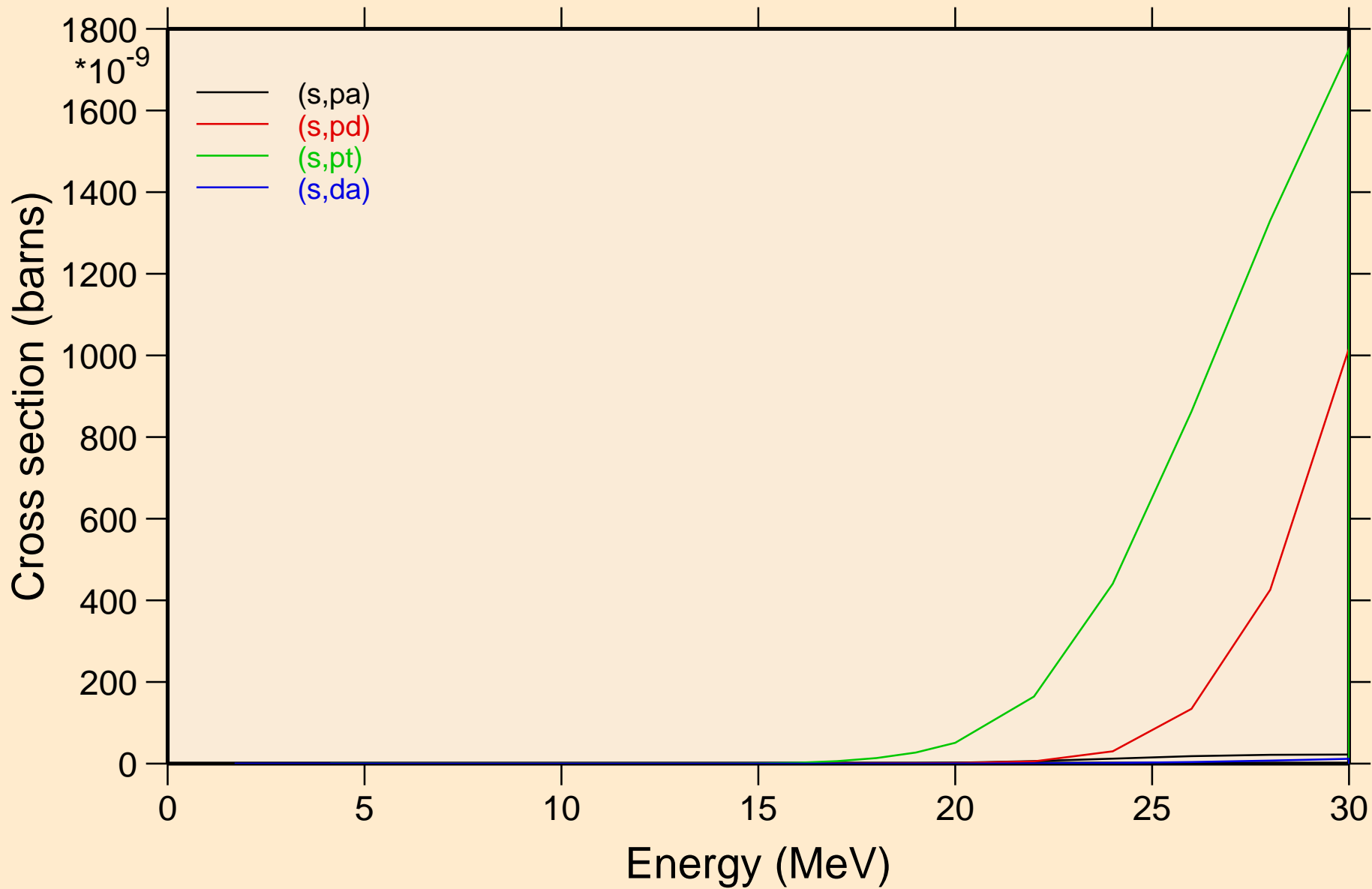


# RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K

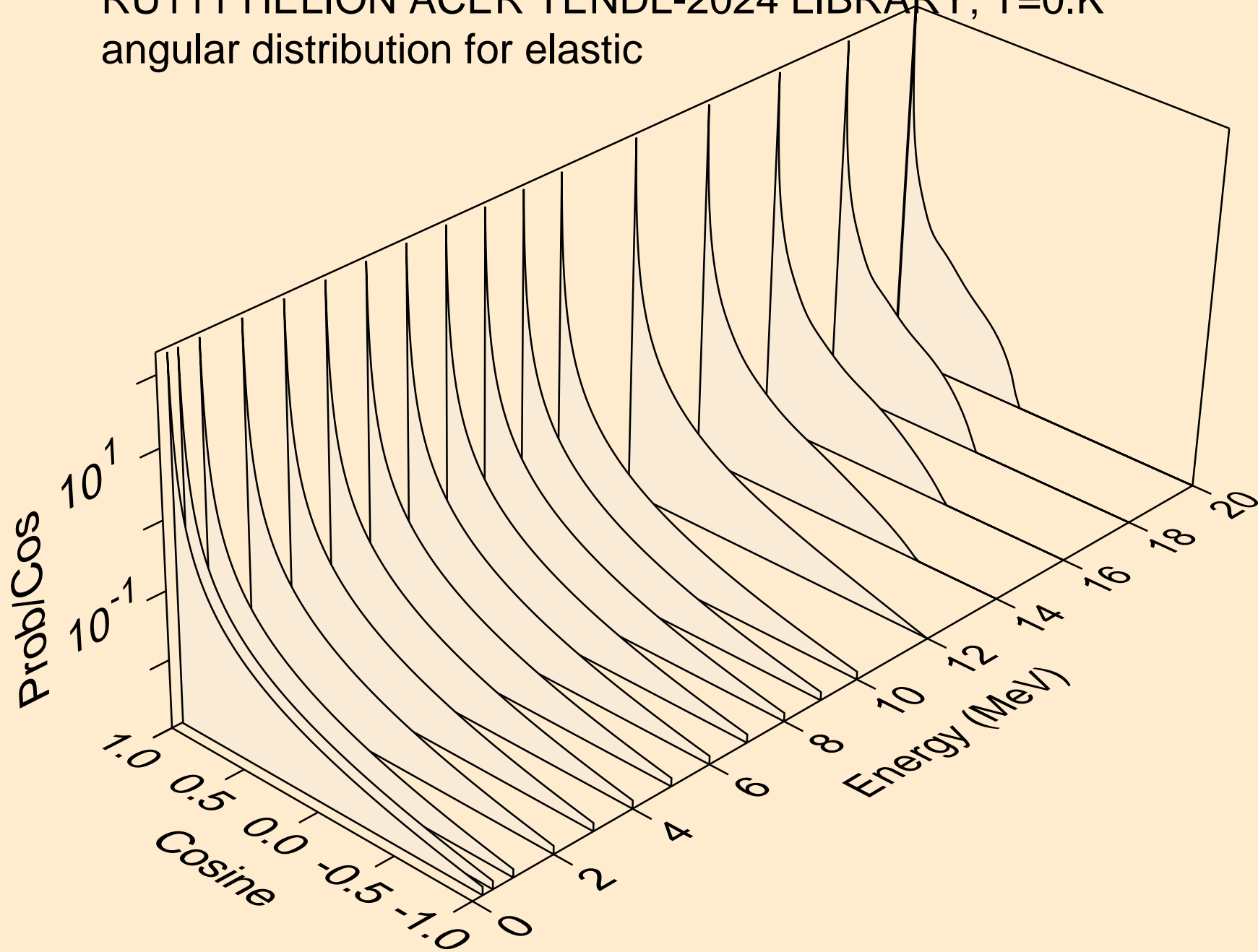
## Threshold reactions



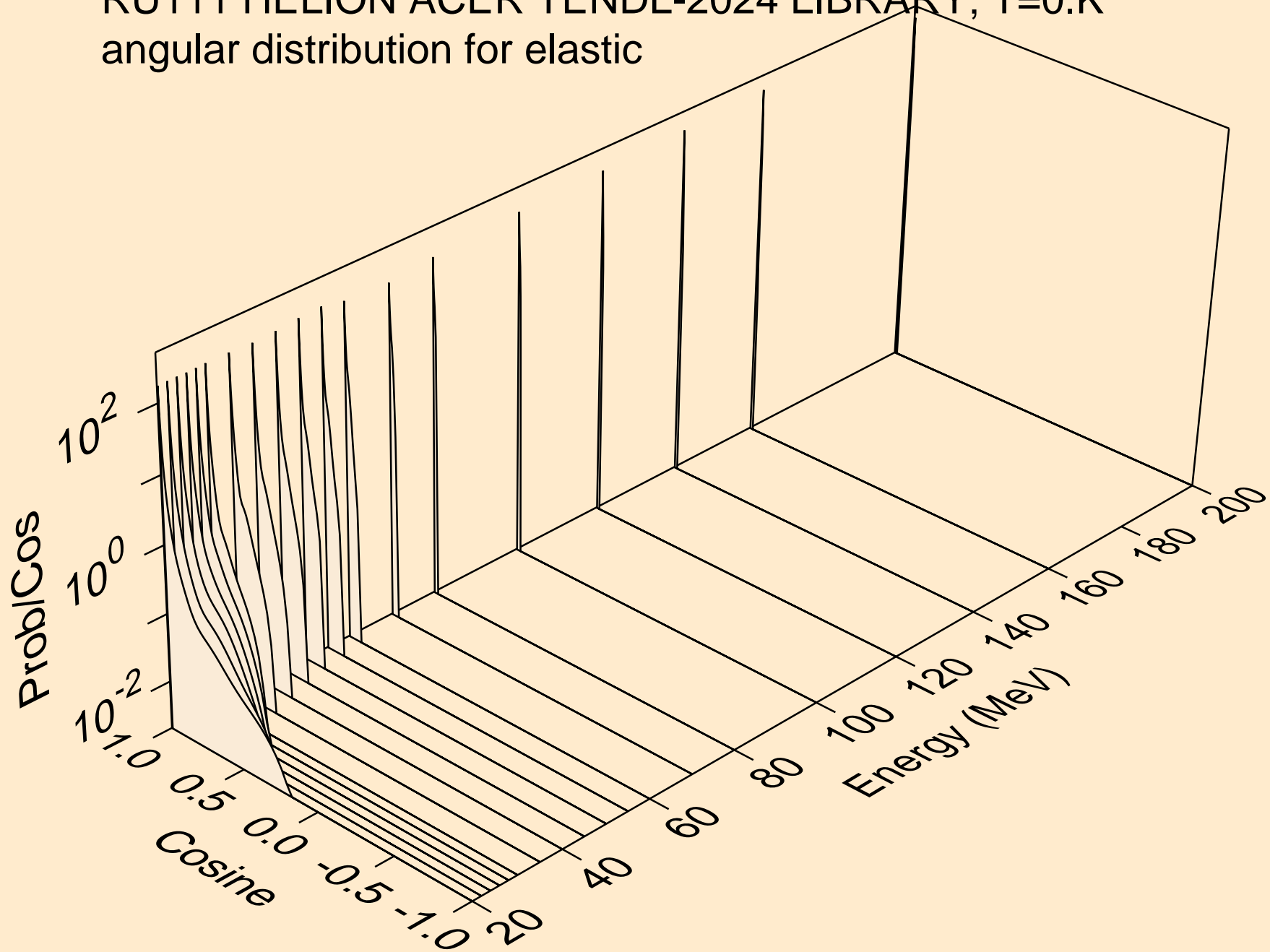
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



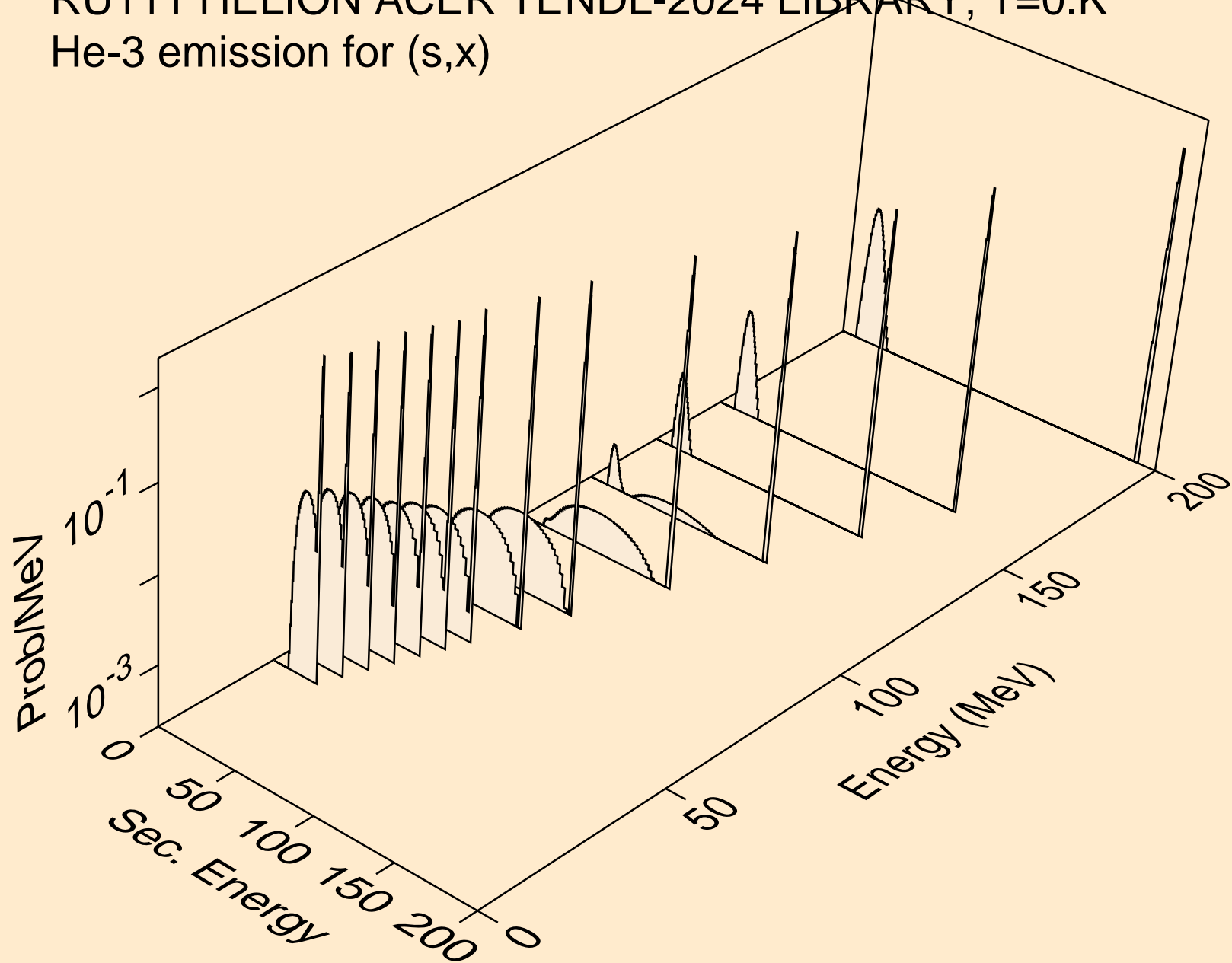
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



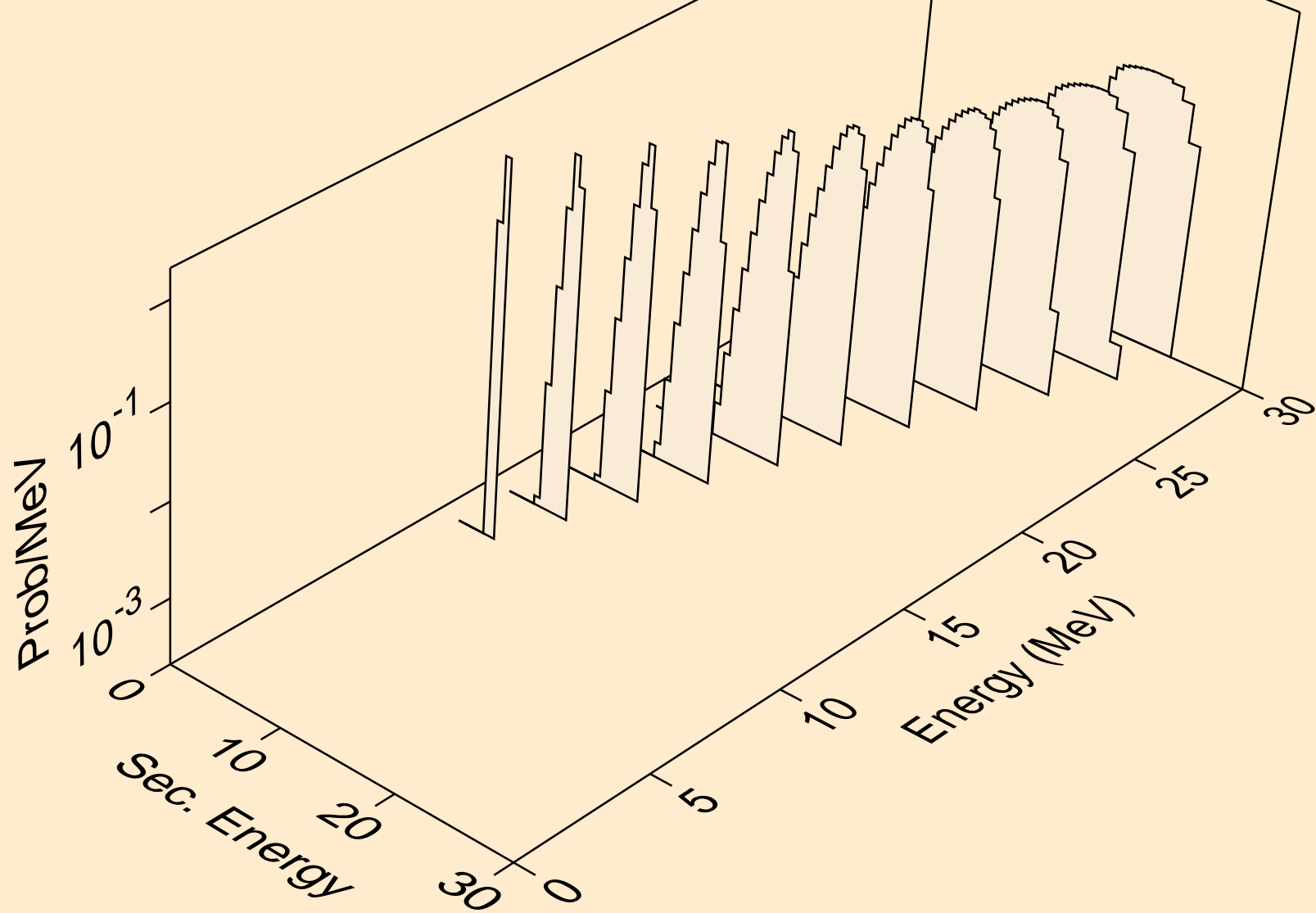
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



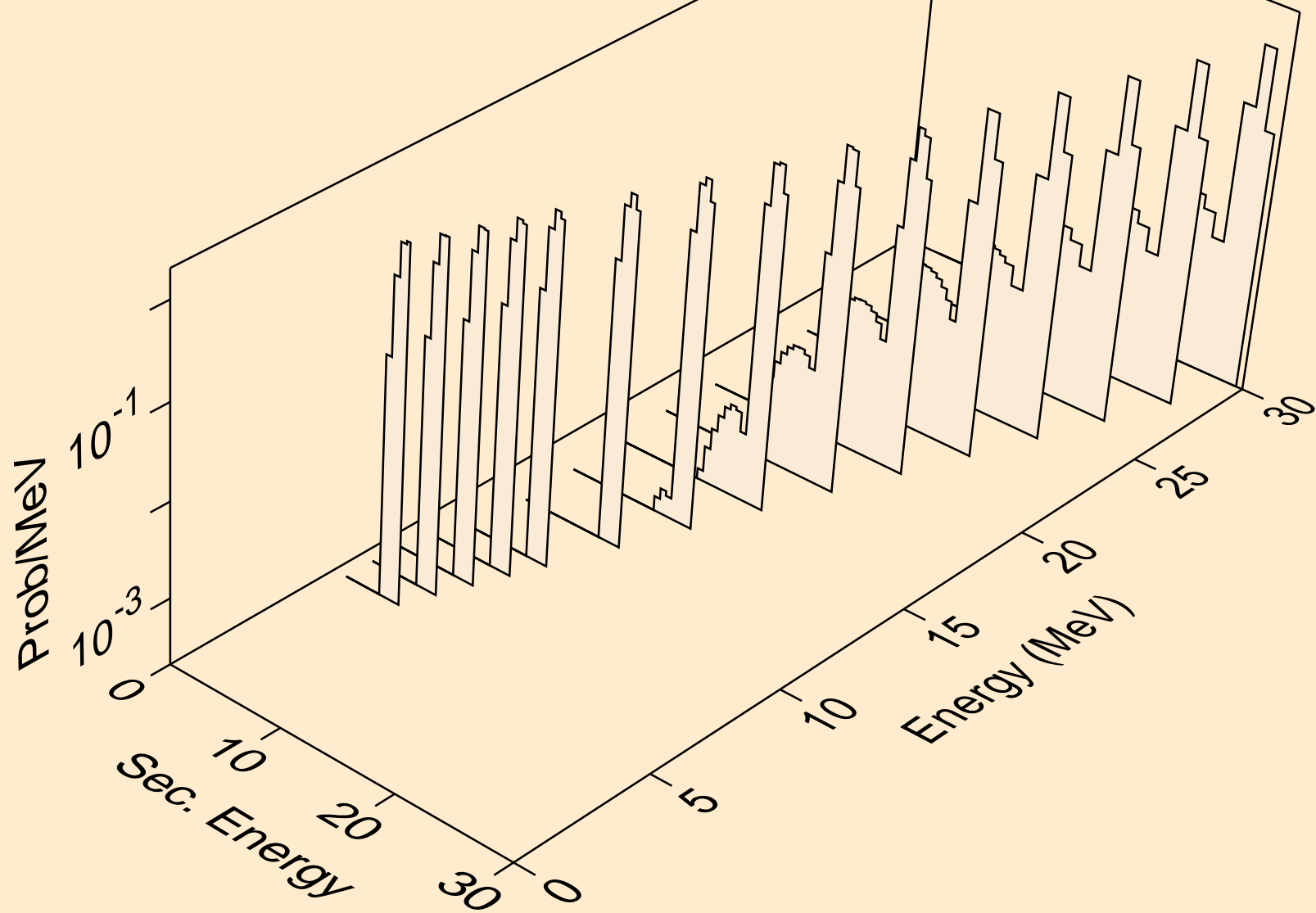
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



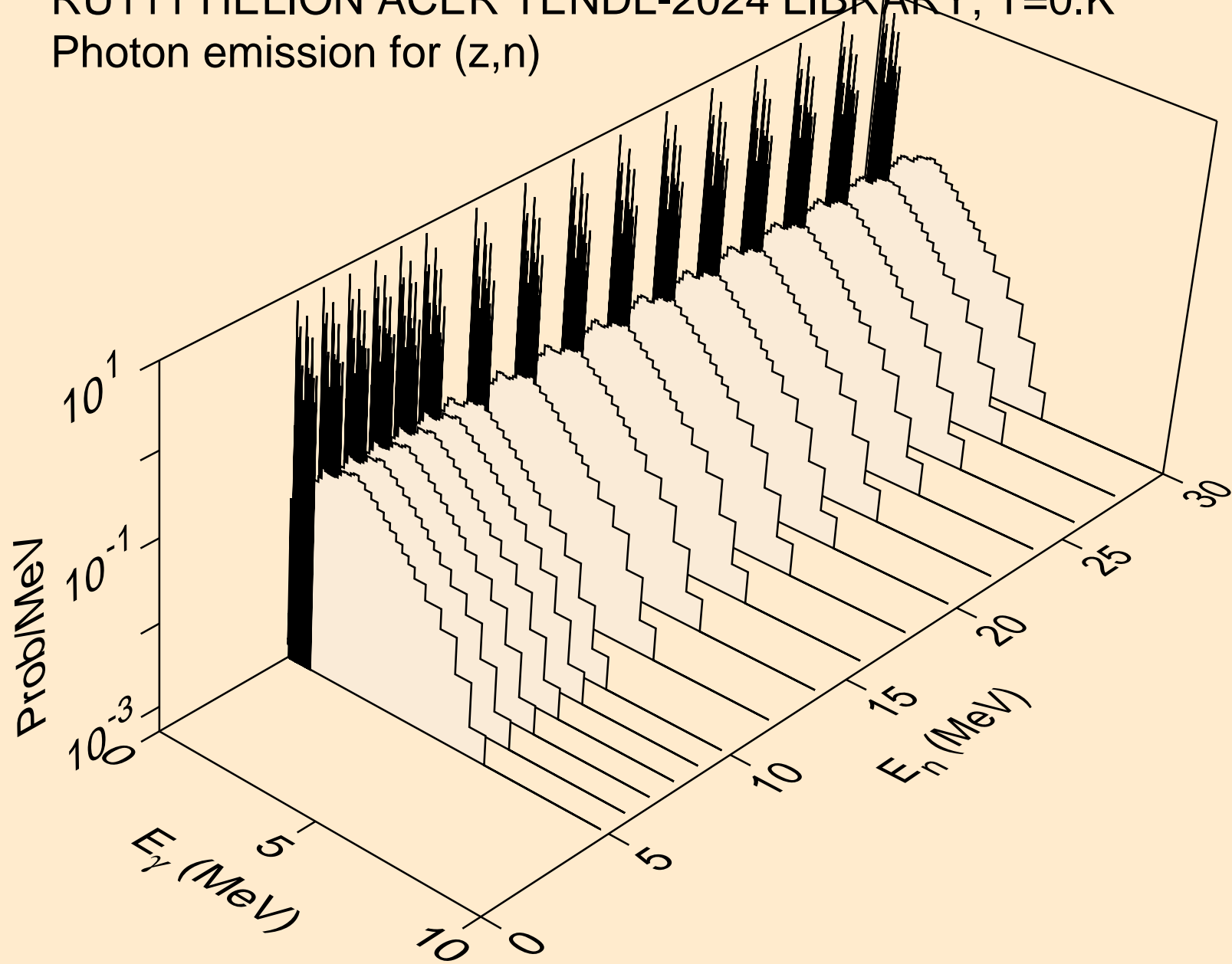
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



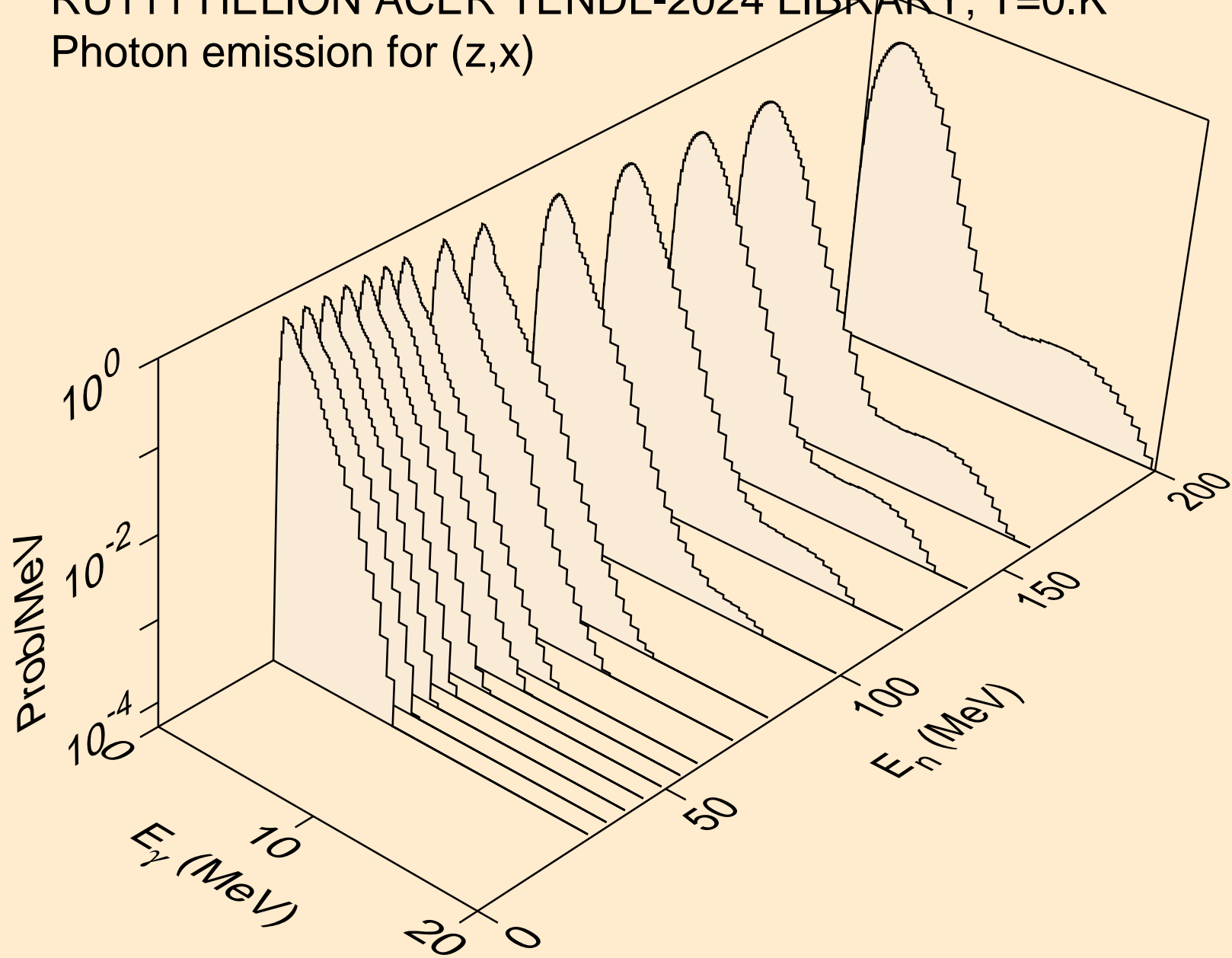
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



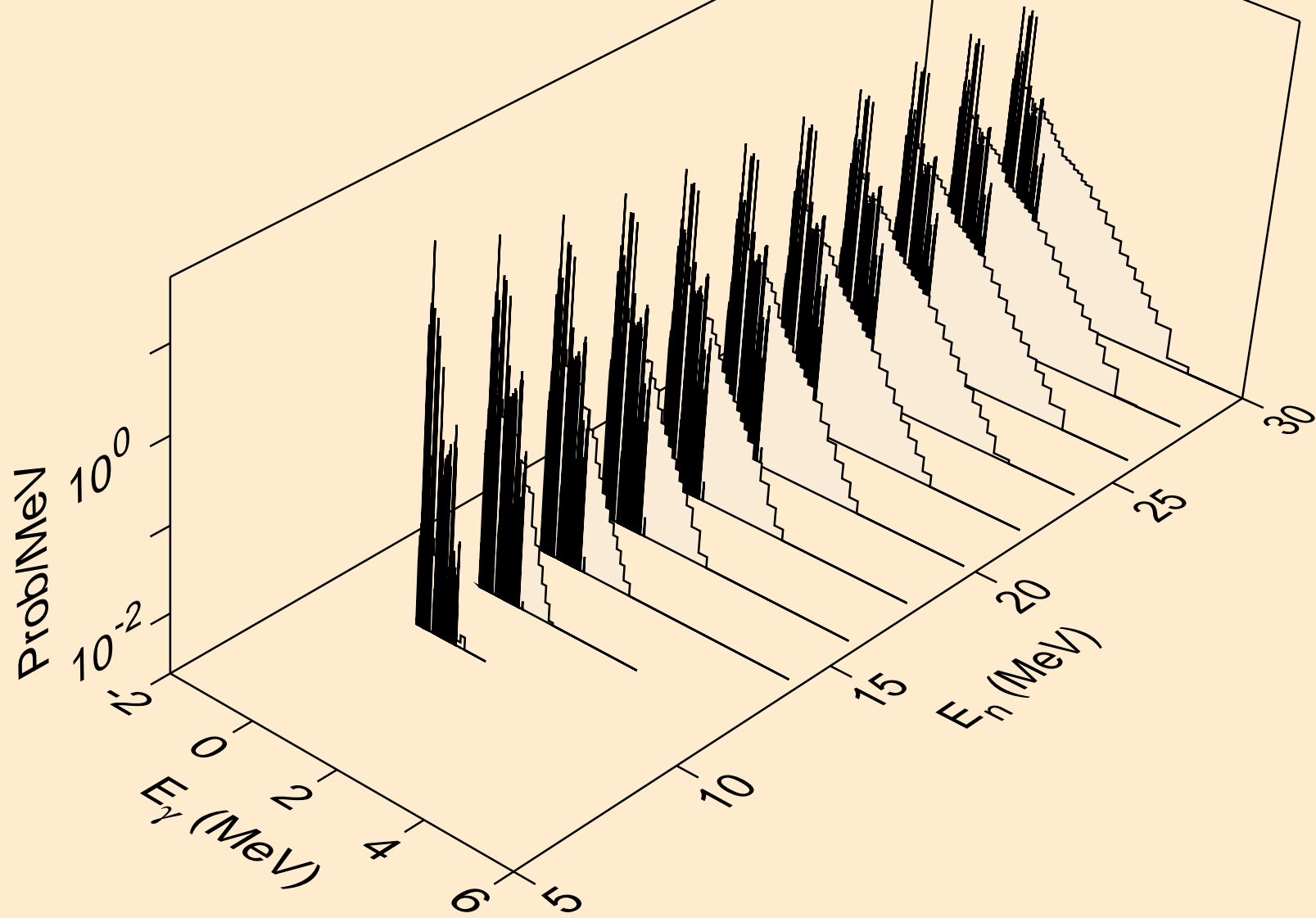
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



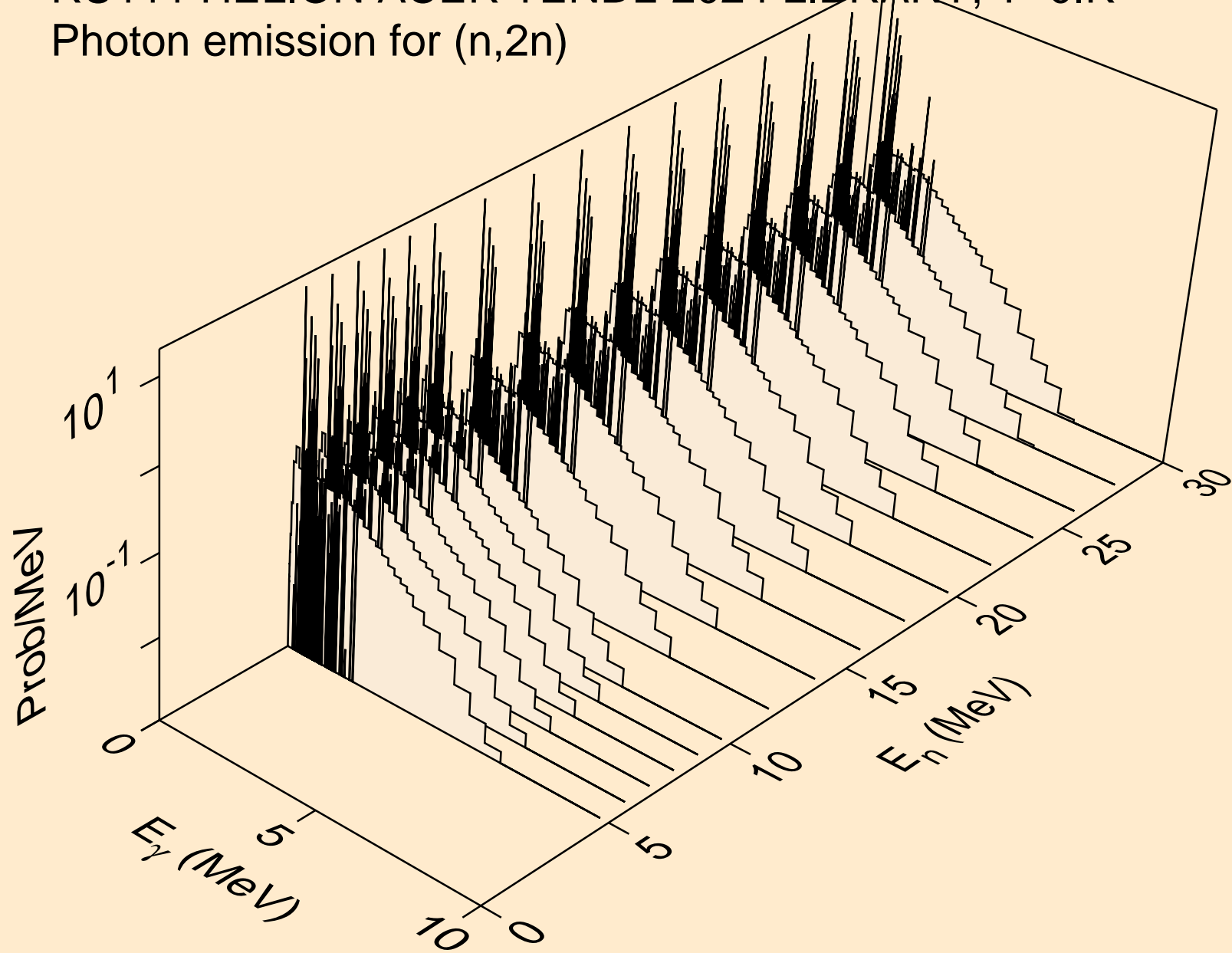
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



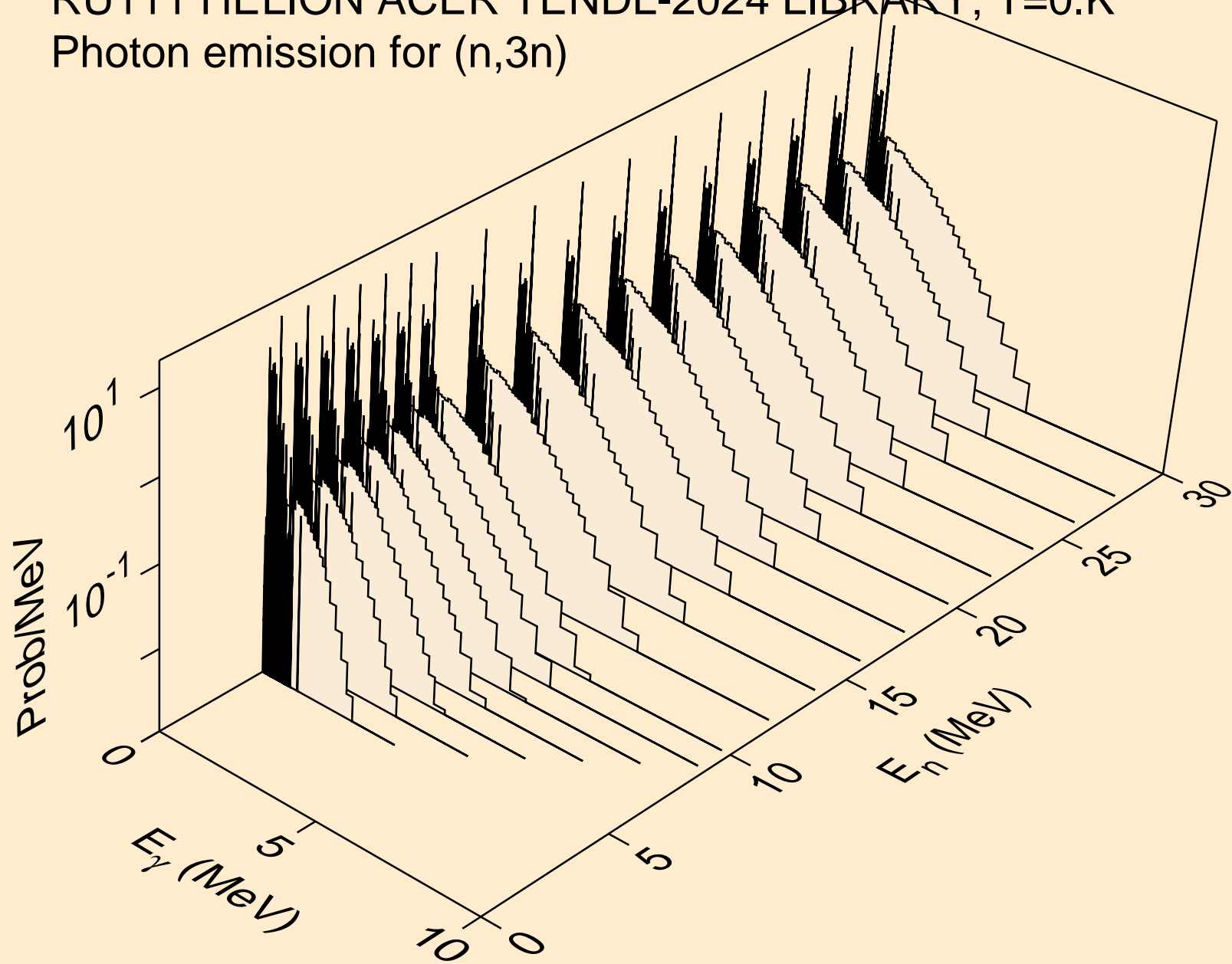
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



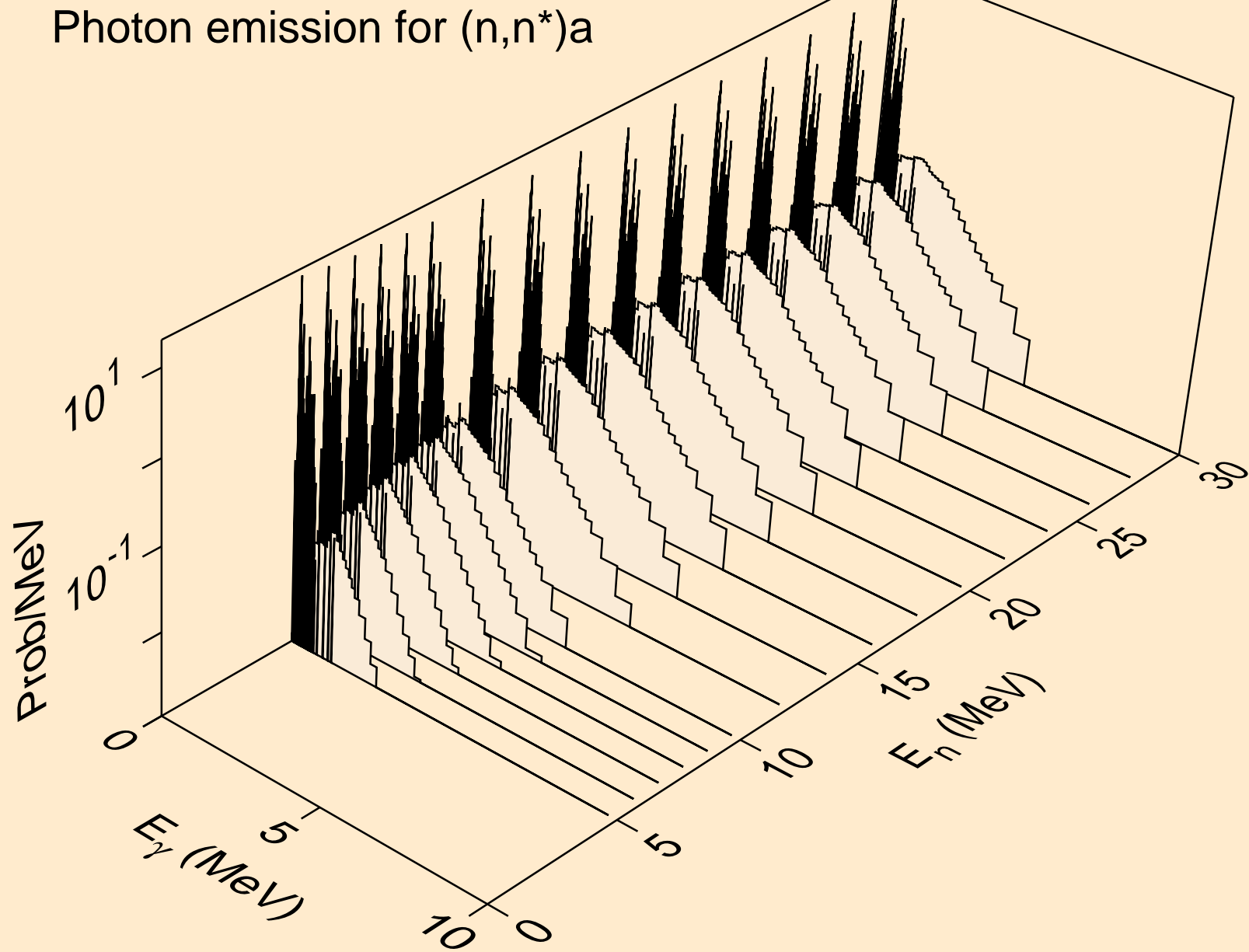
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



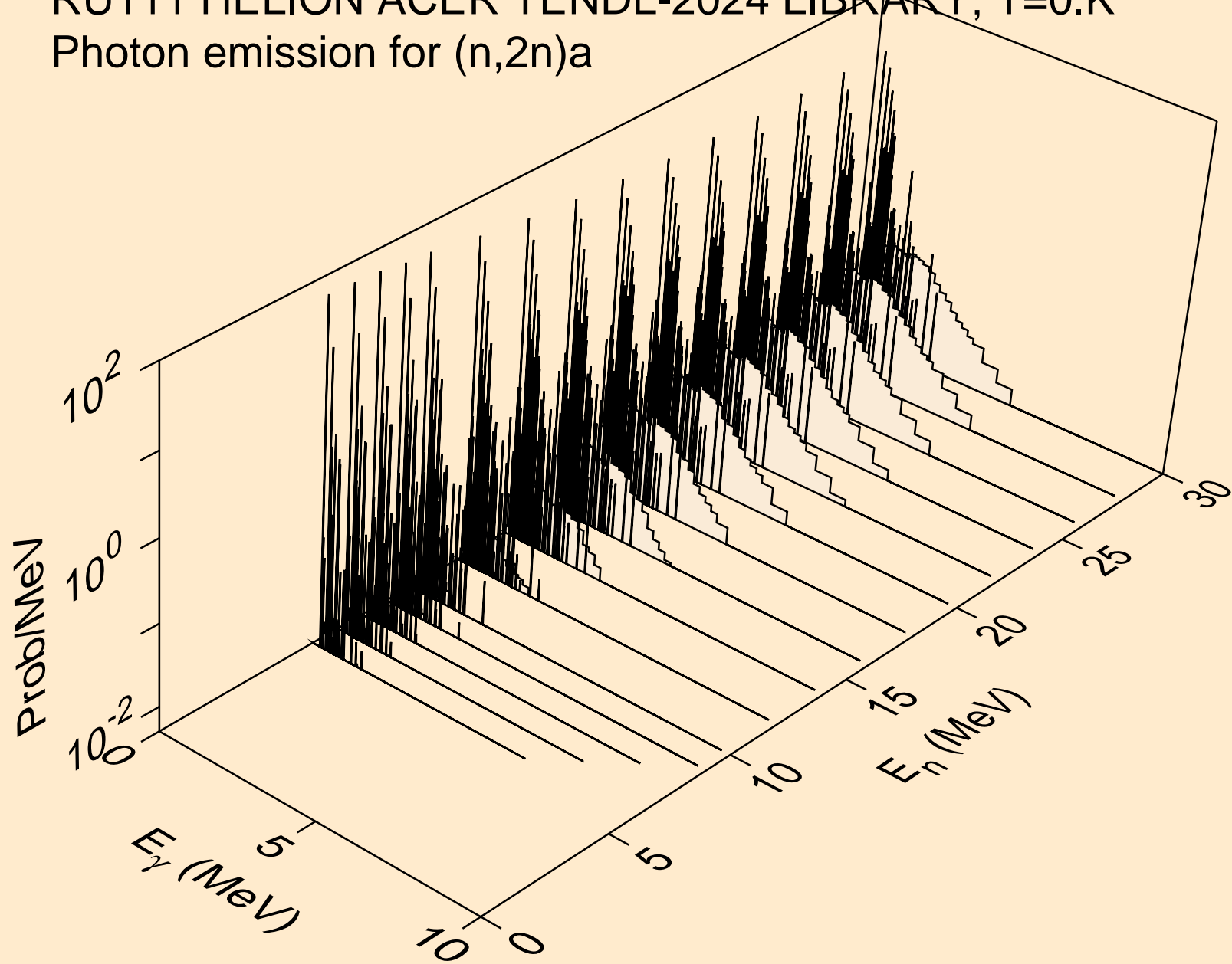
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



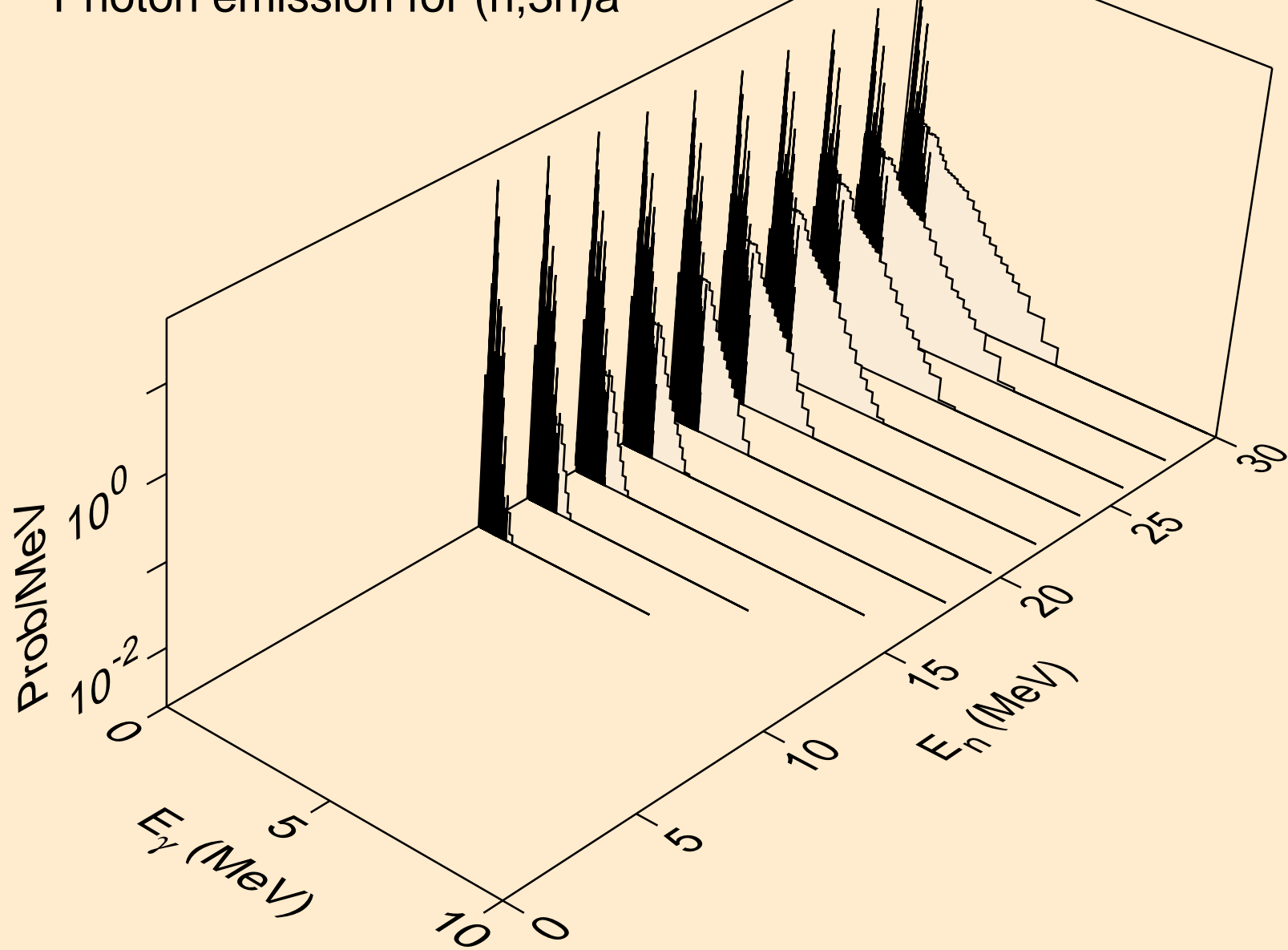
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



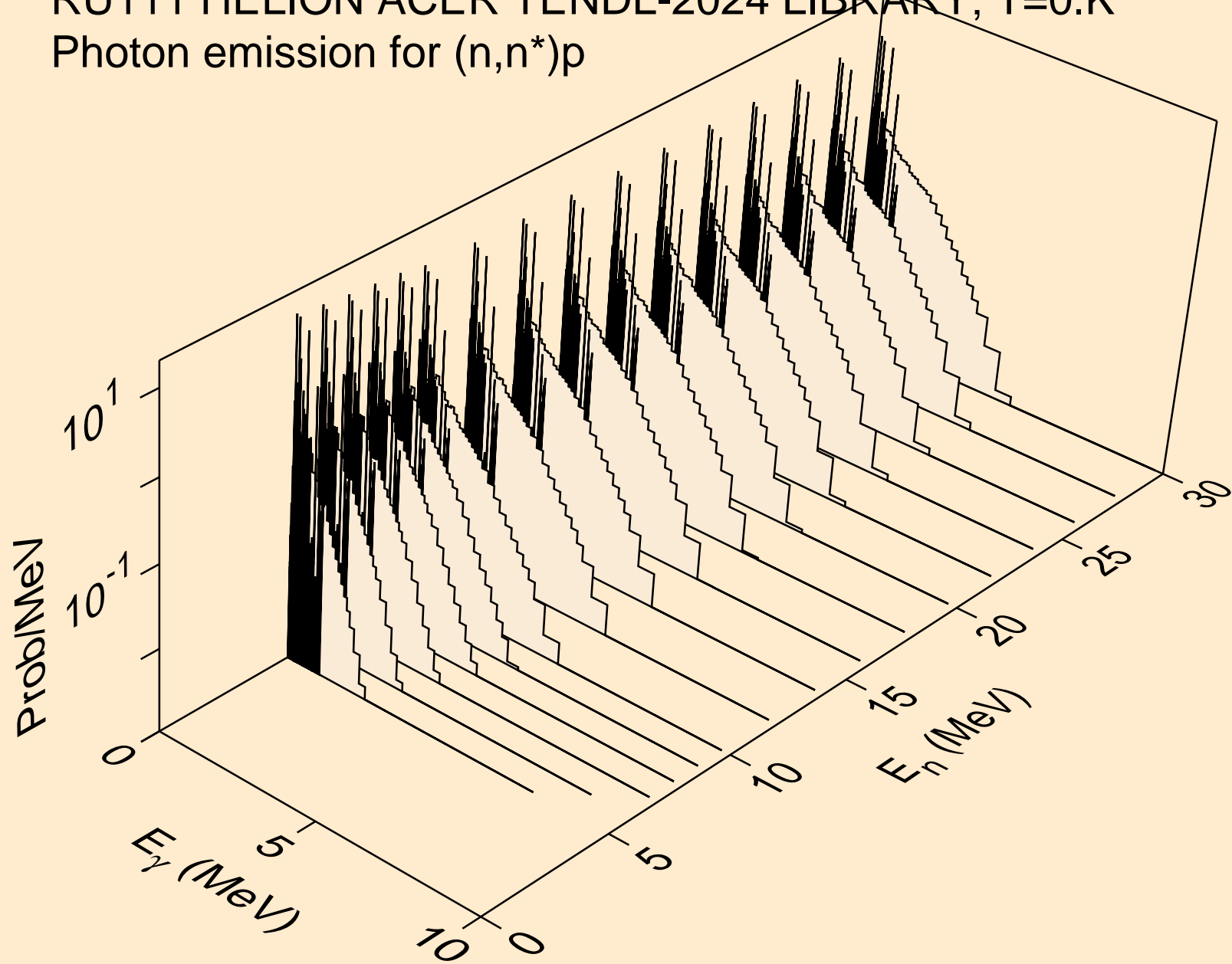
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



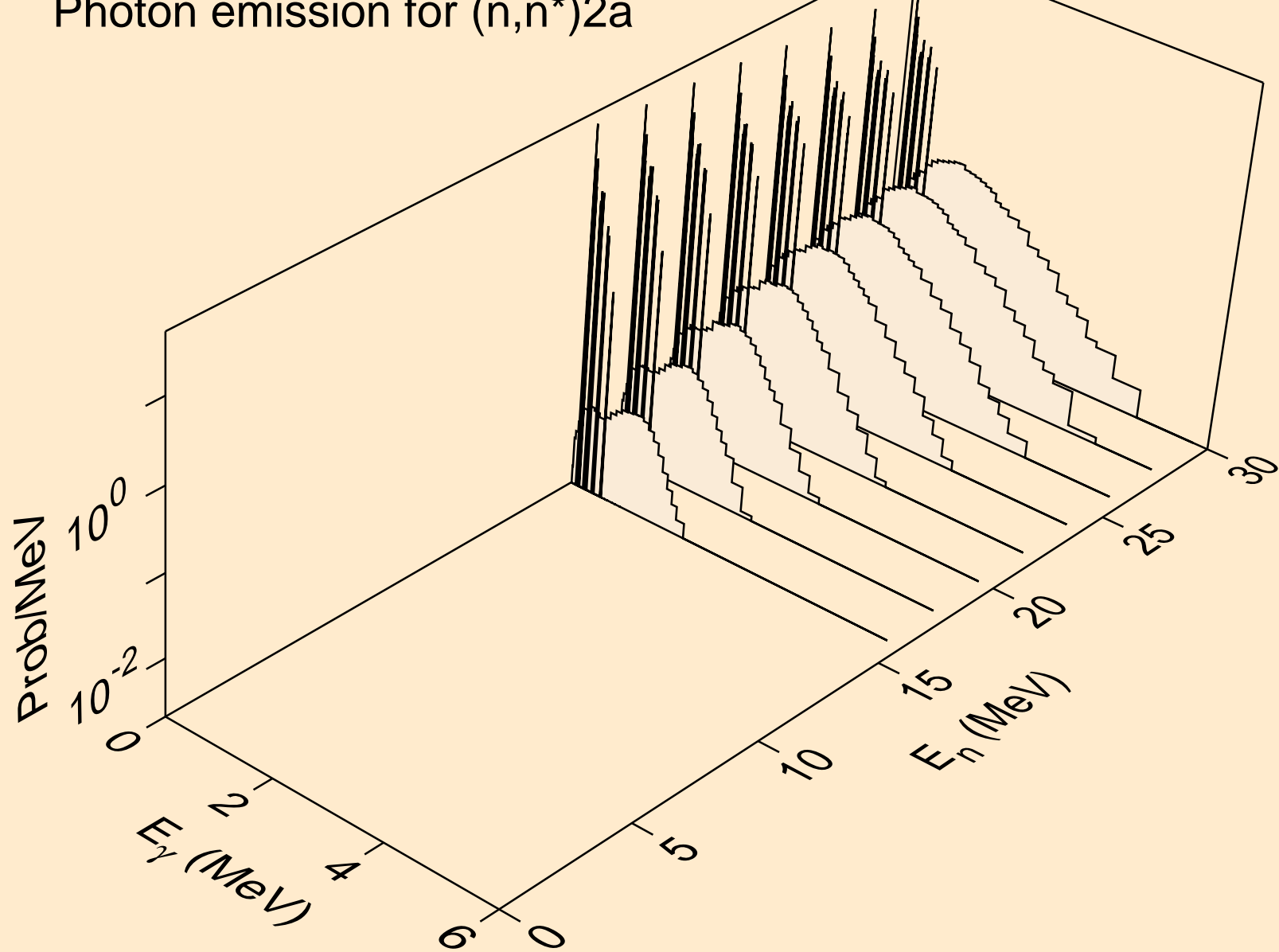
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



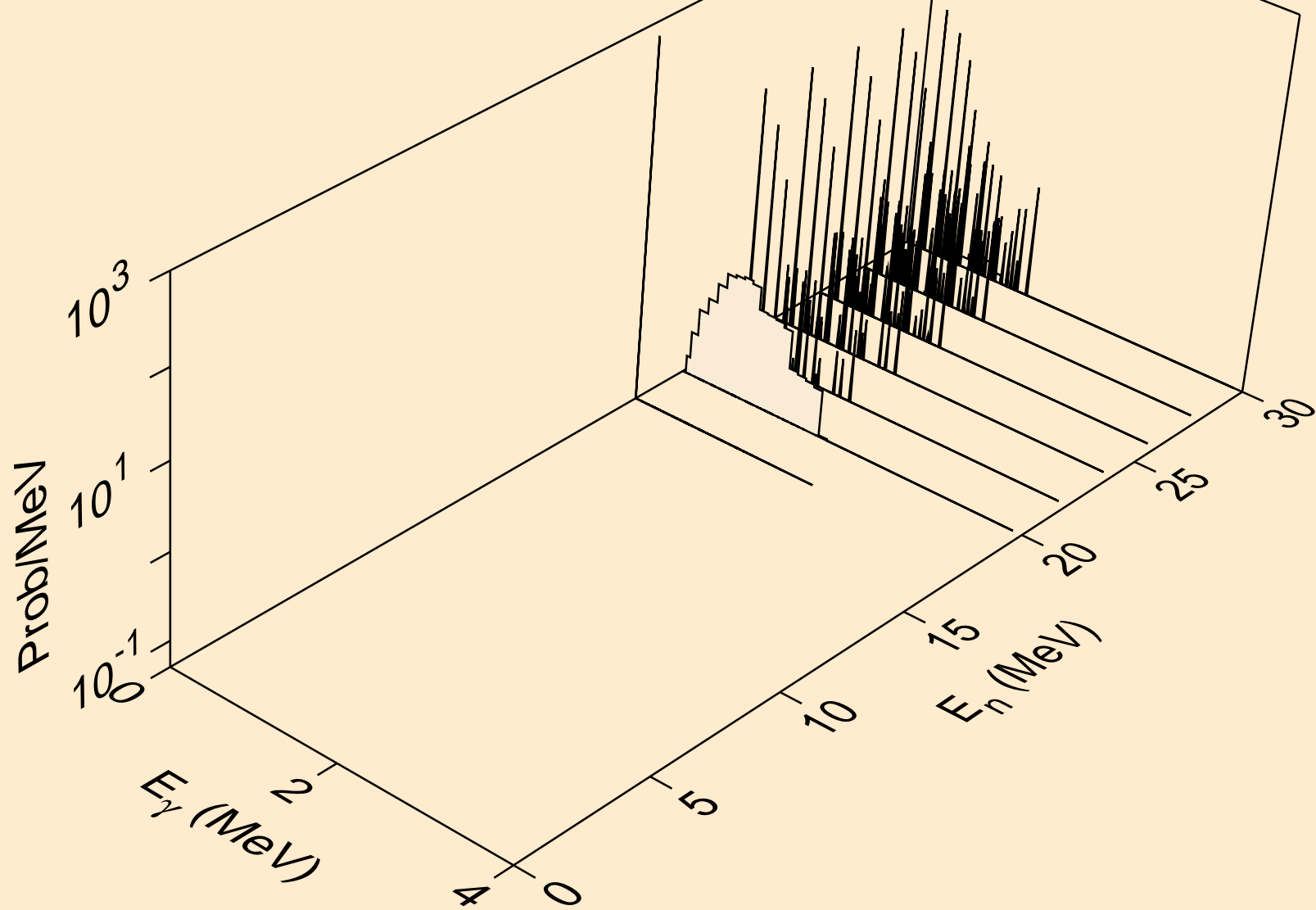
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



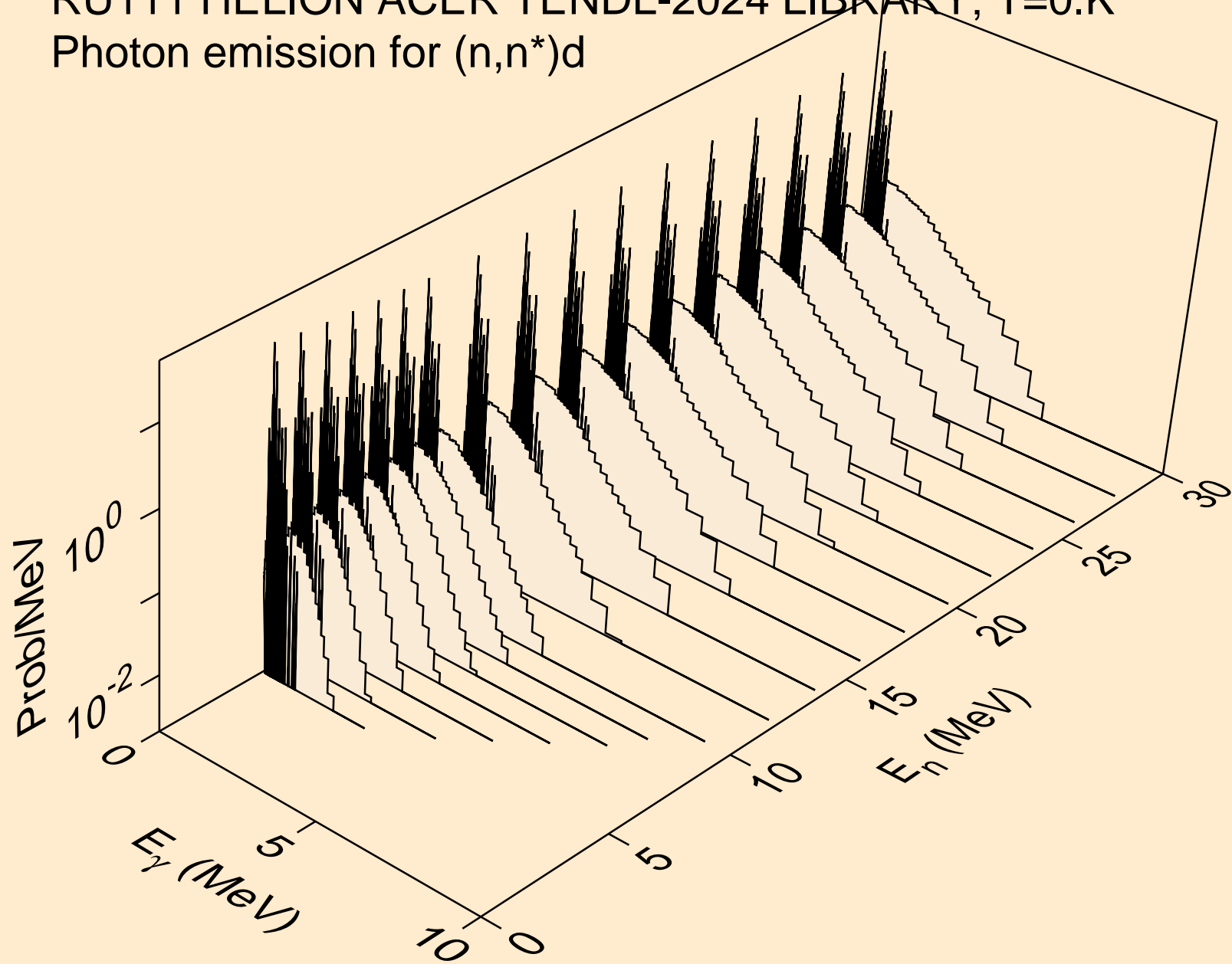
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



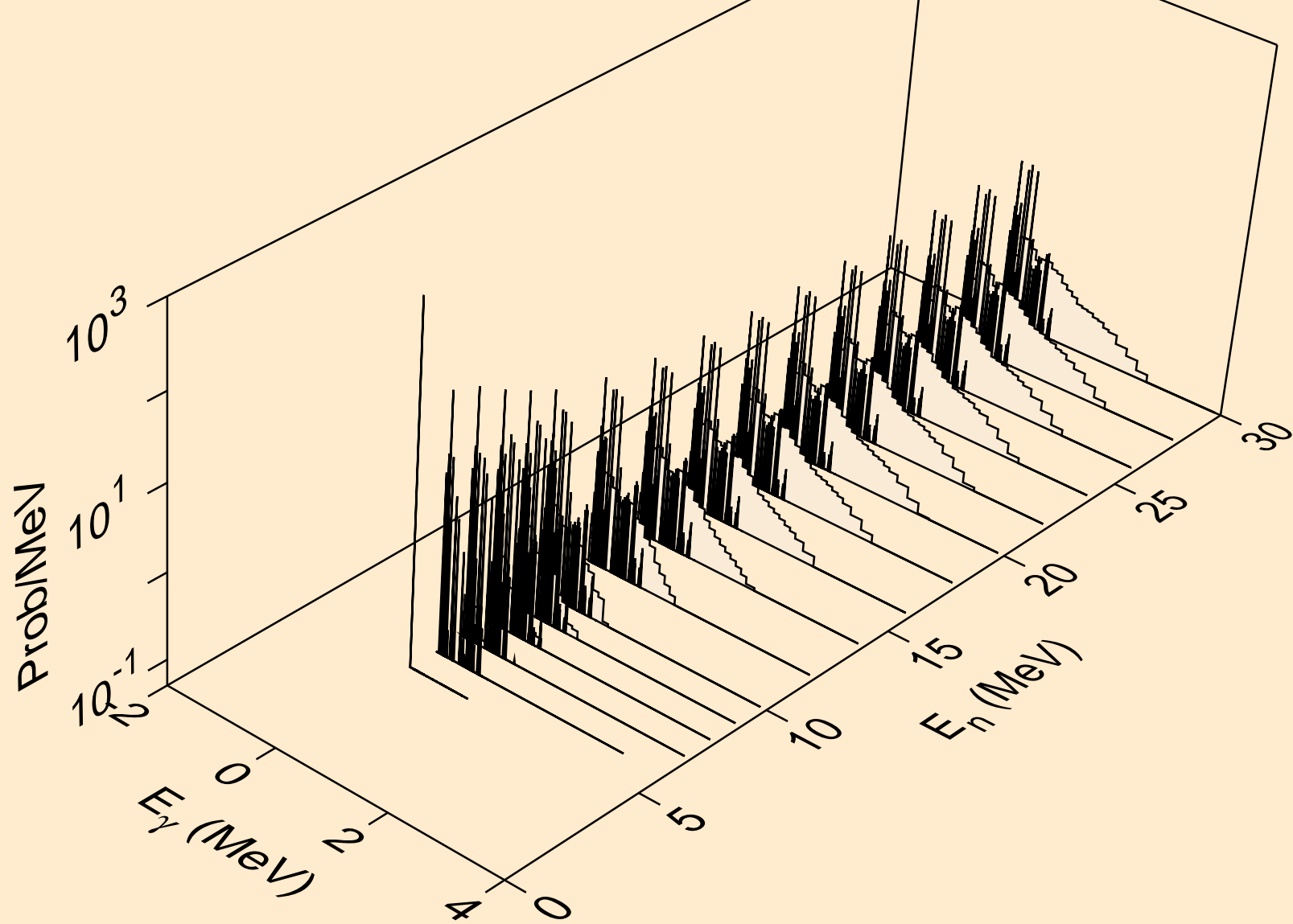
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



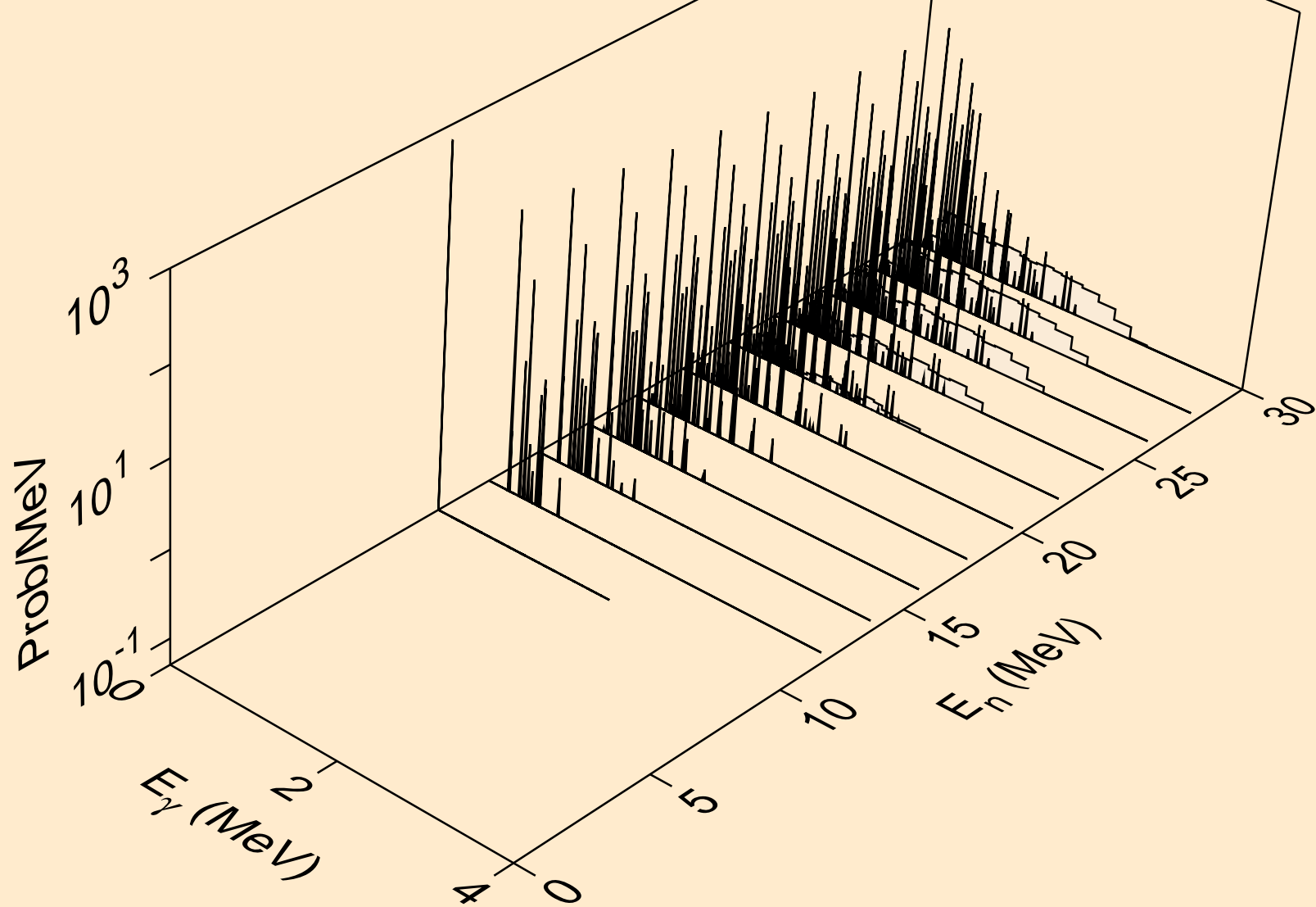
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



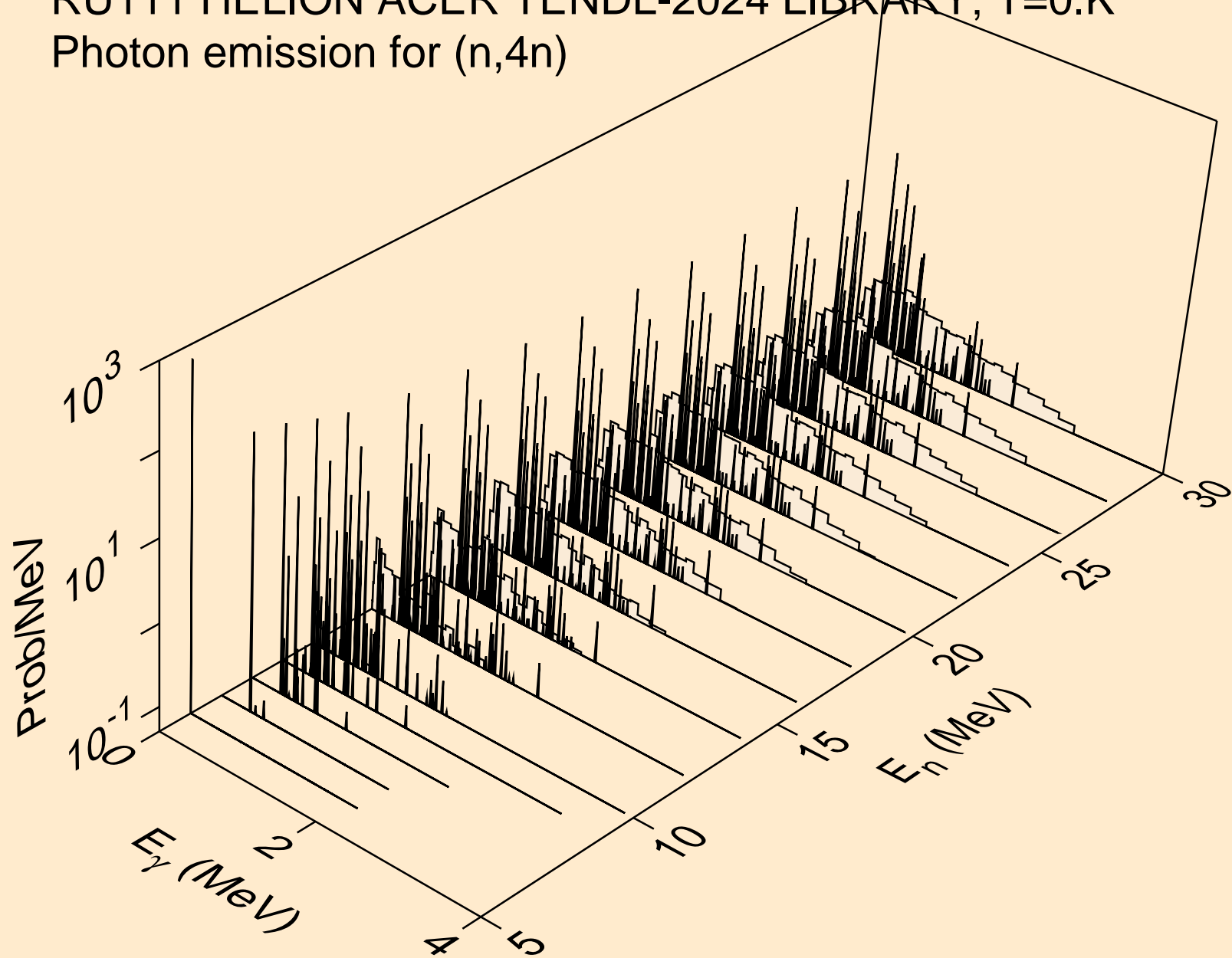
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



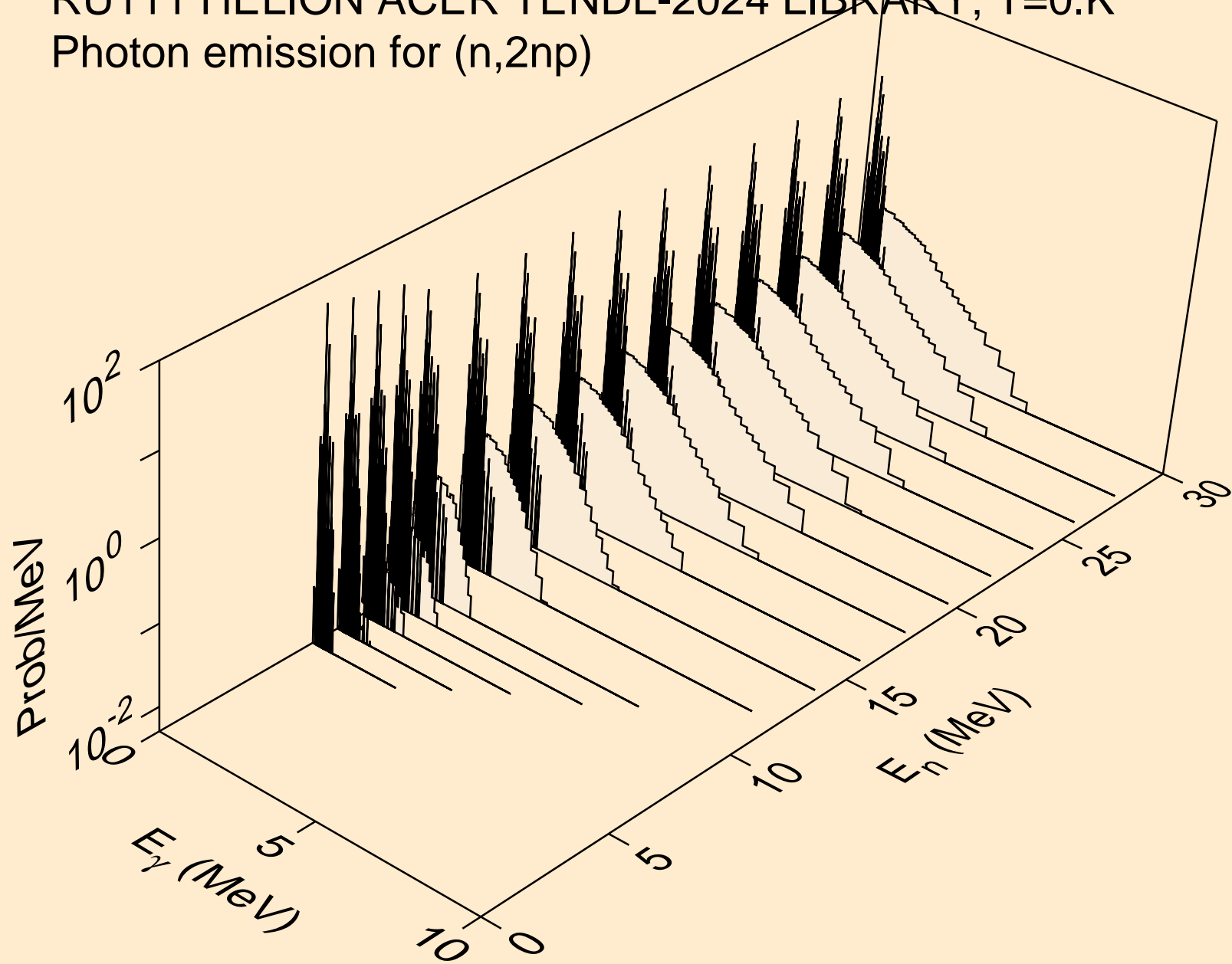
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



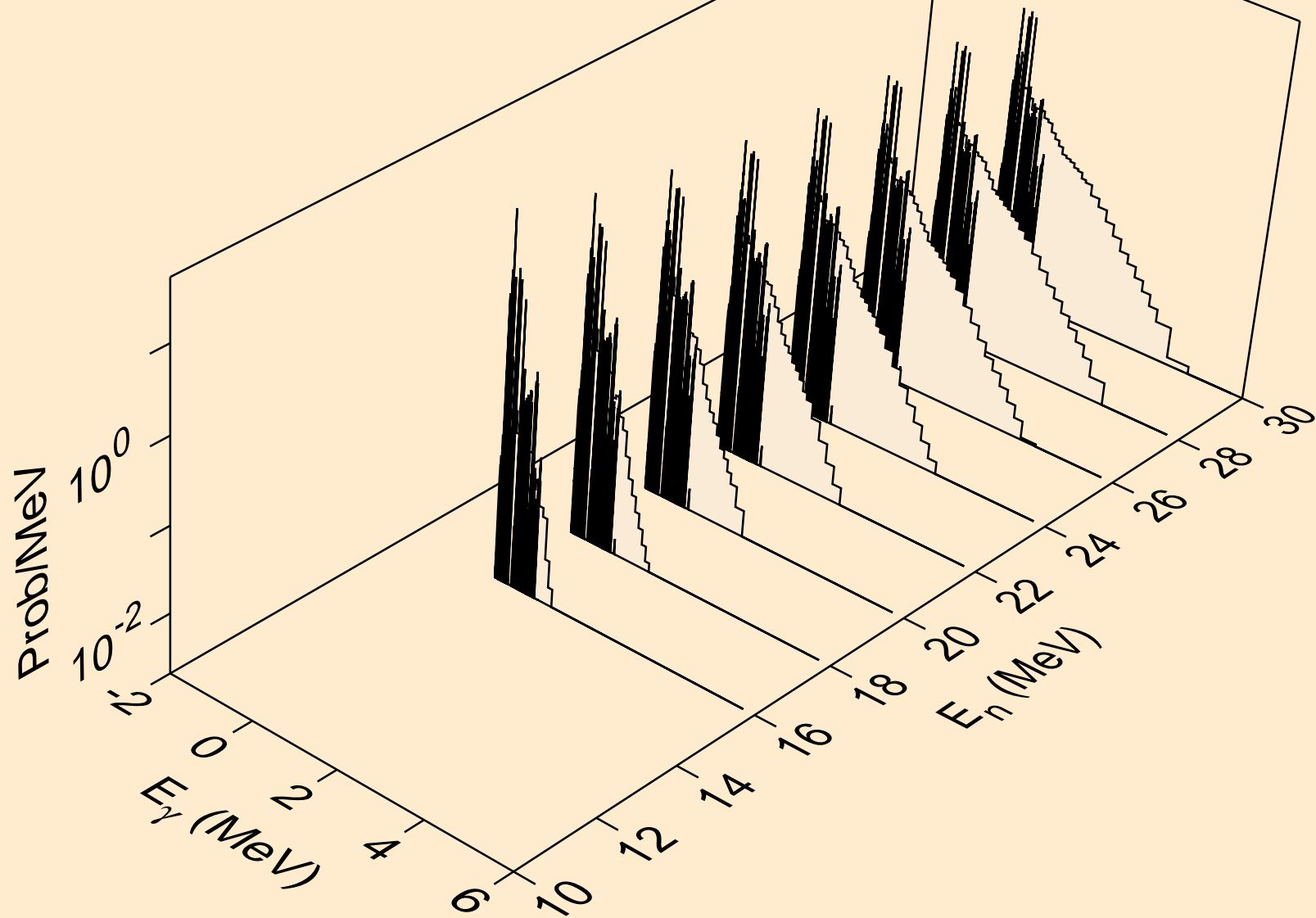
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



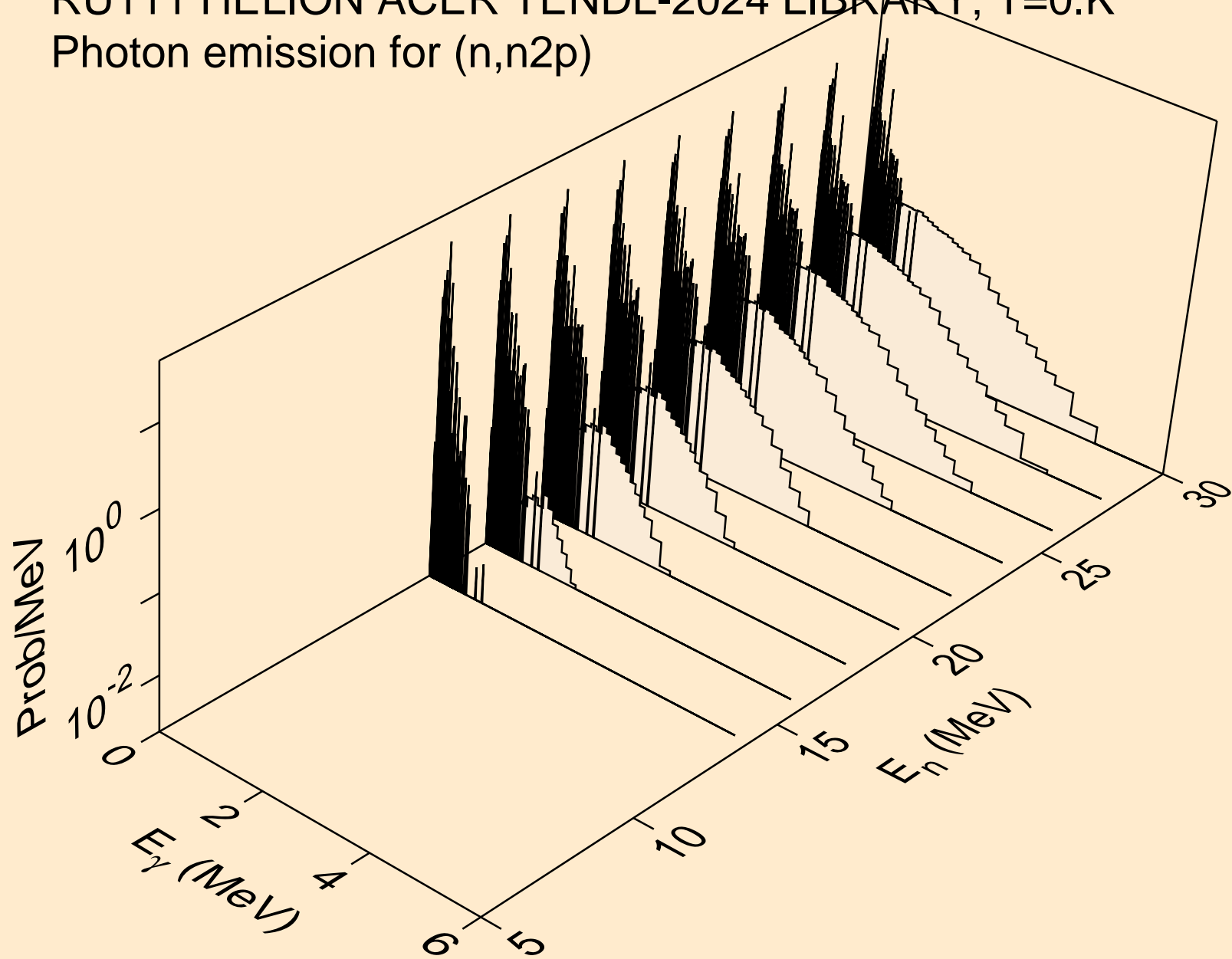
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



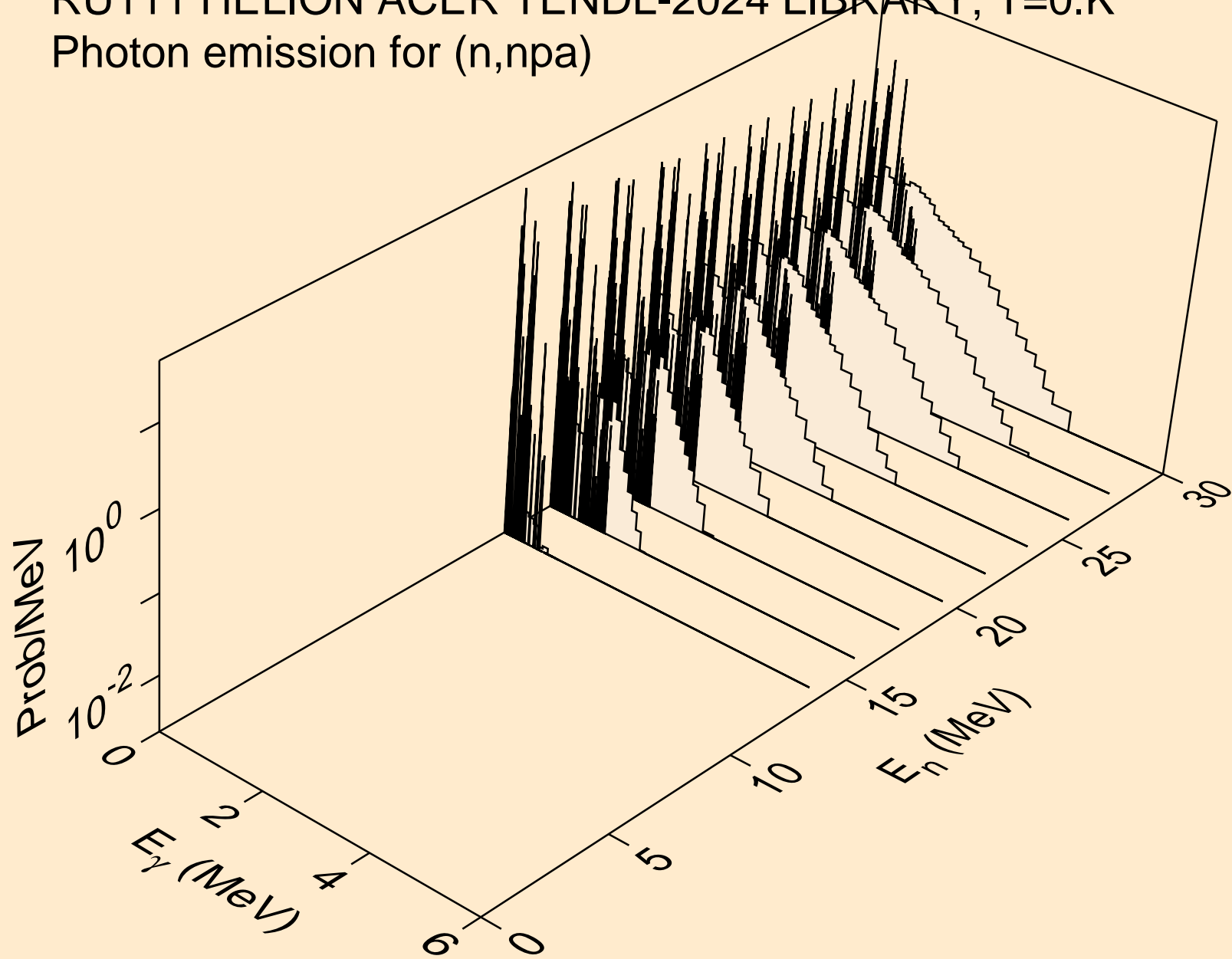
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



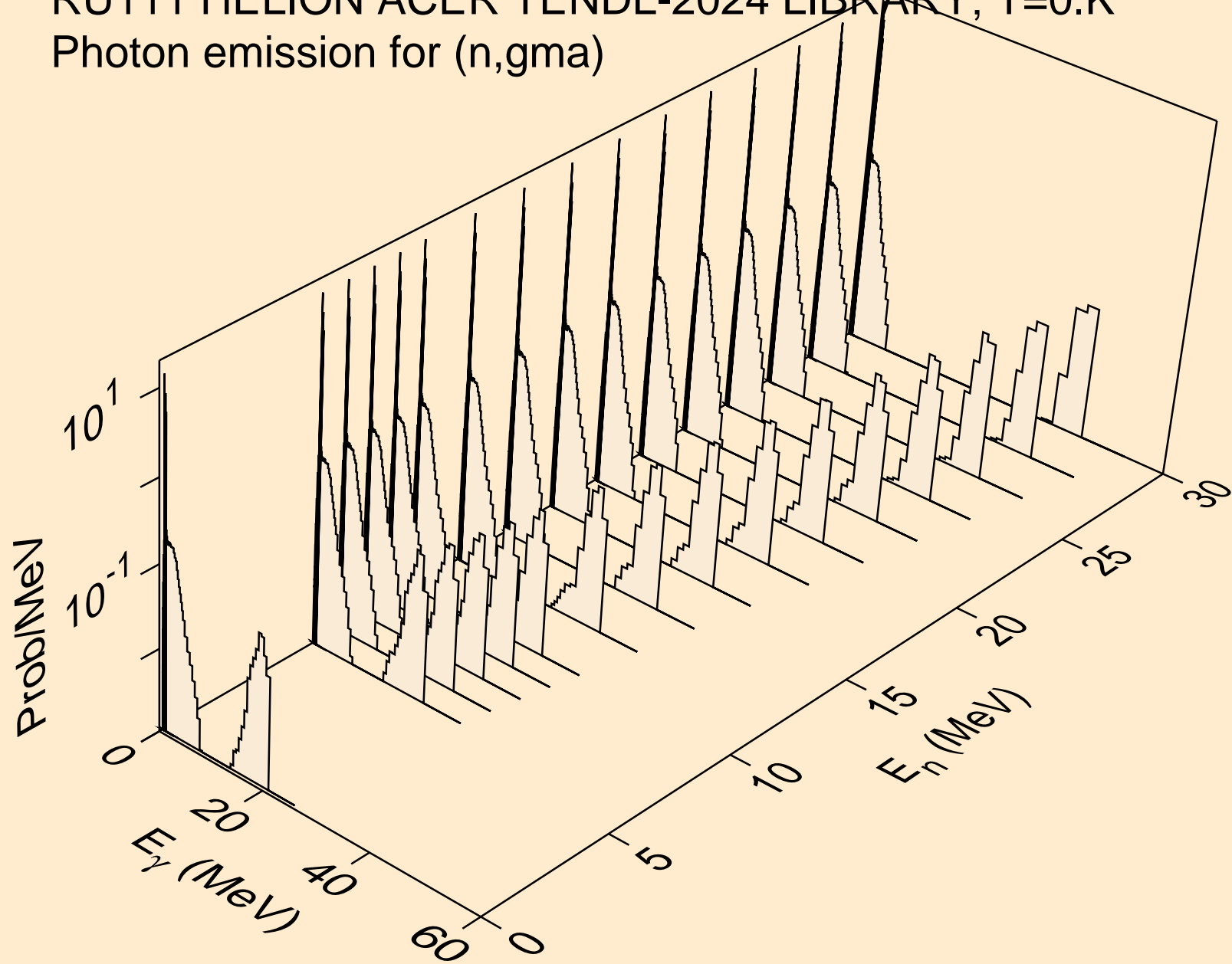
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



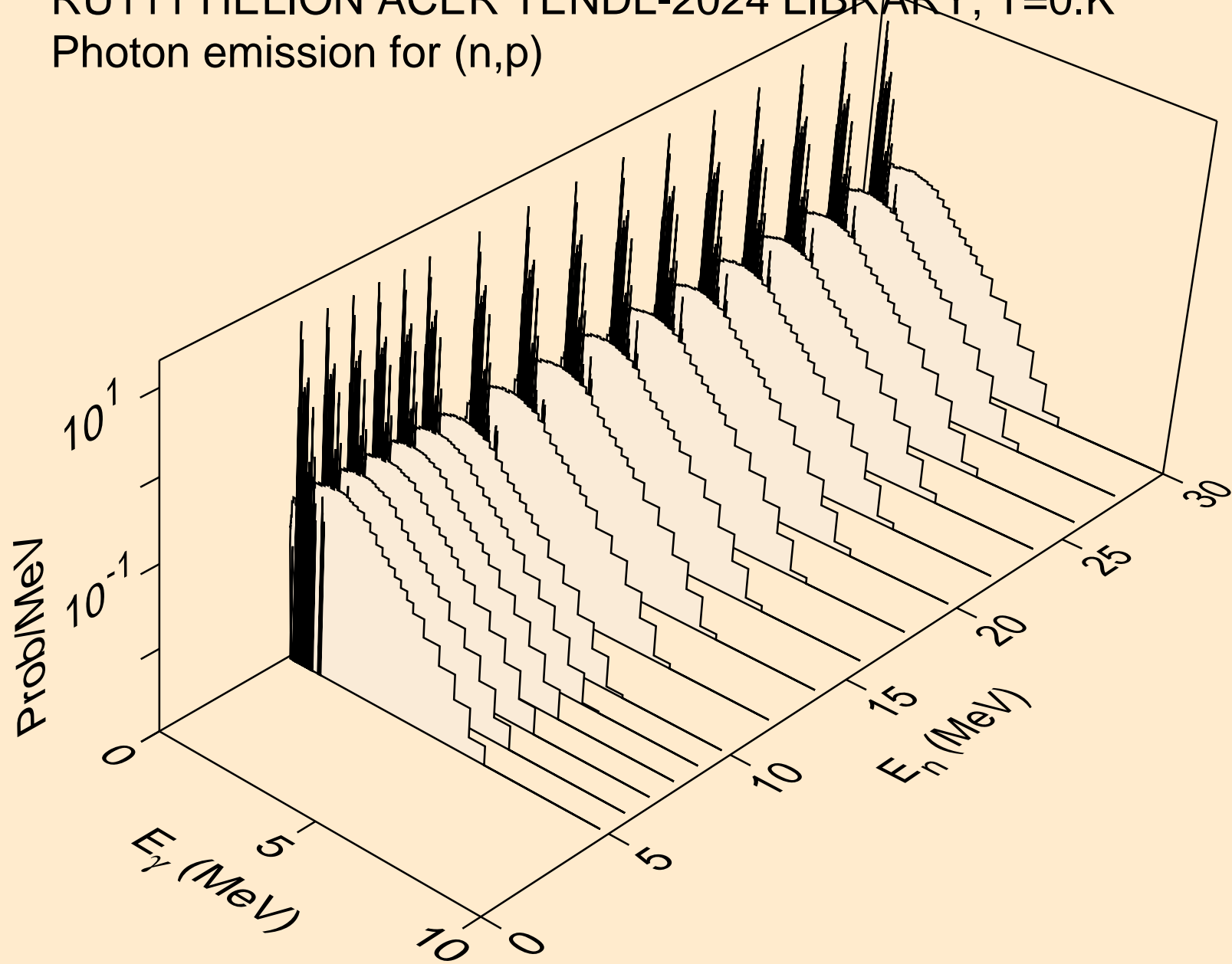
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



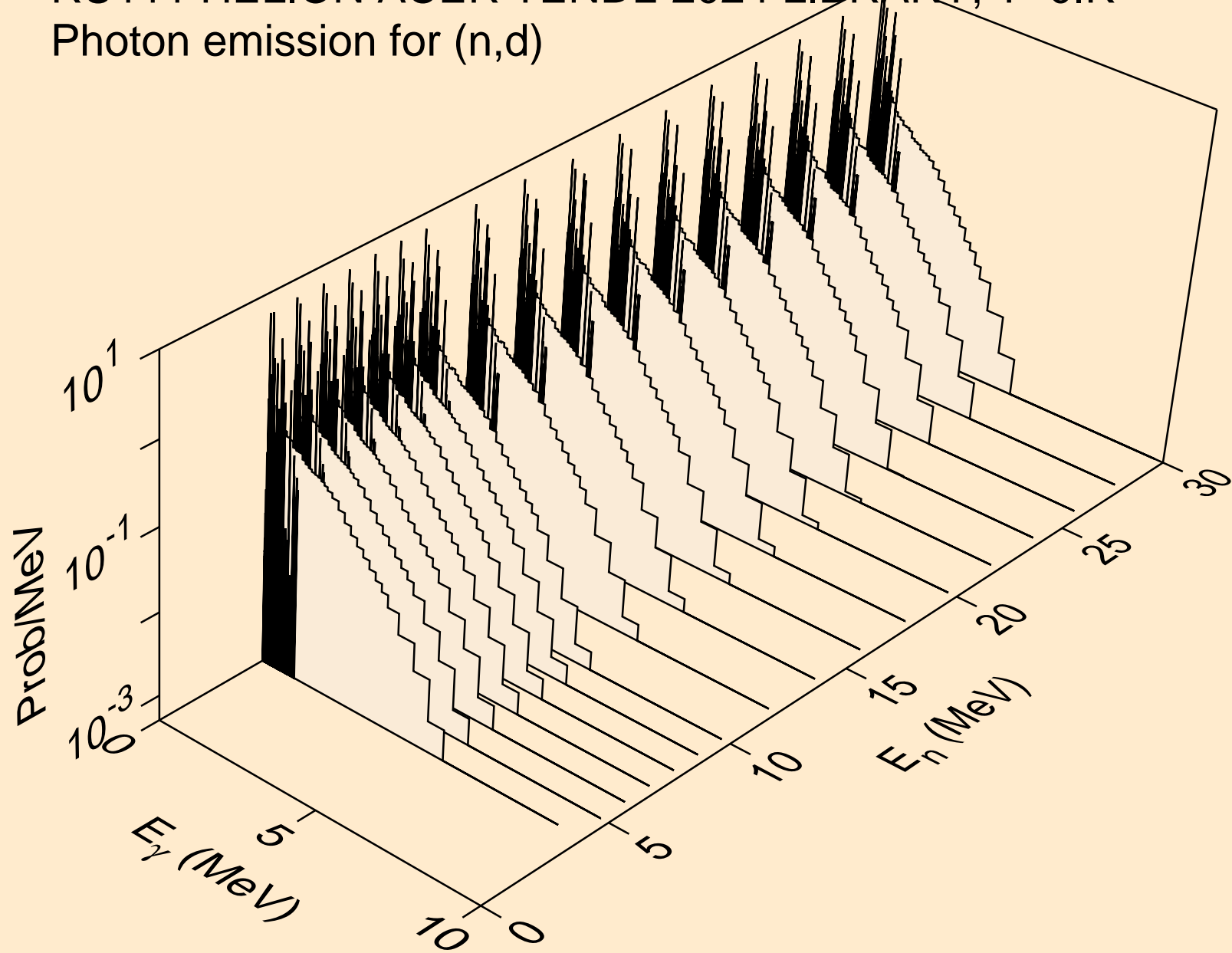
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



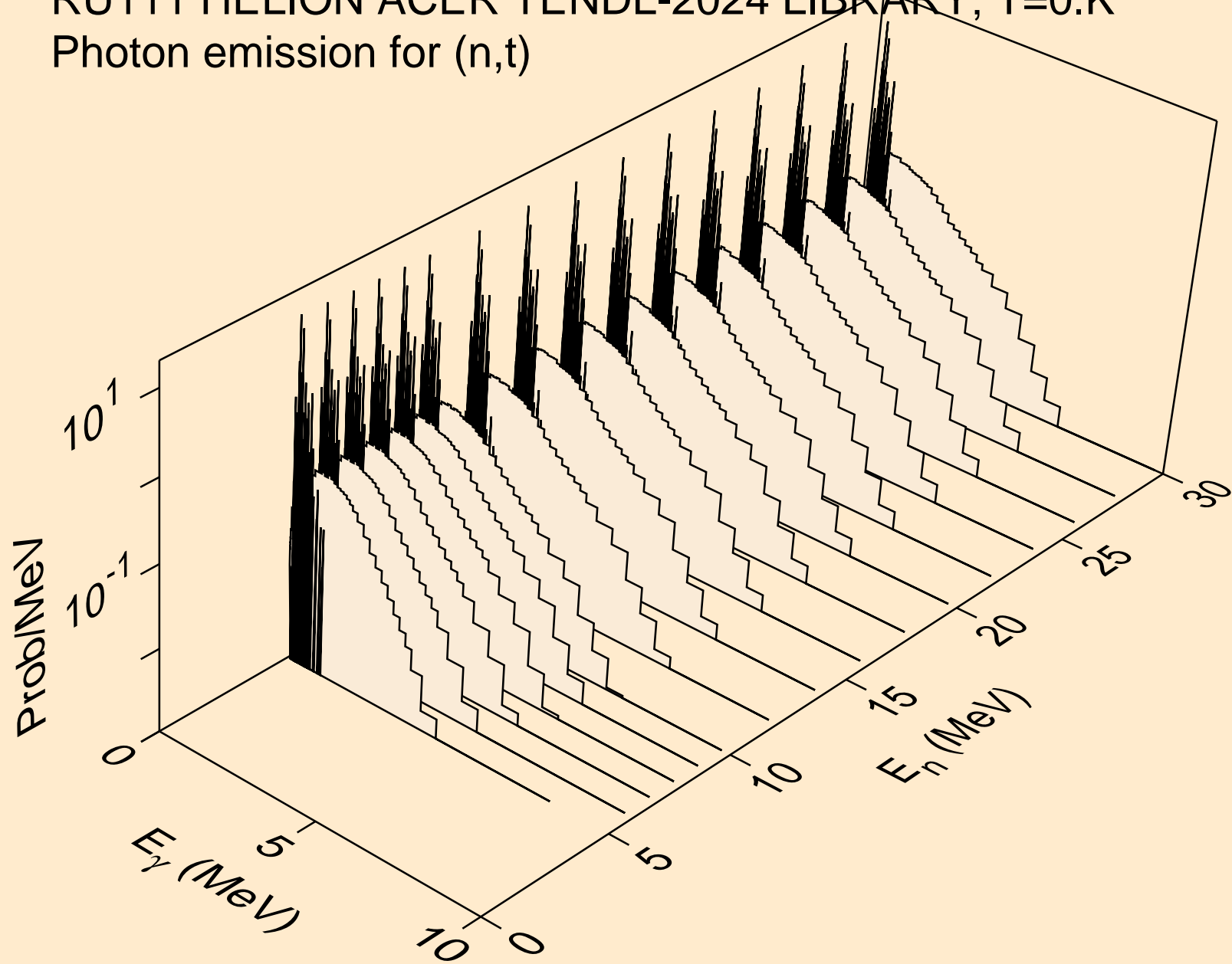
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



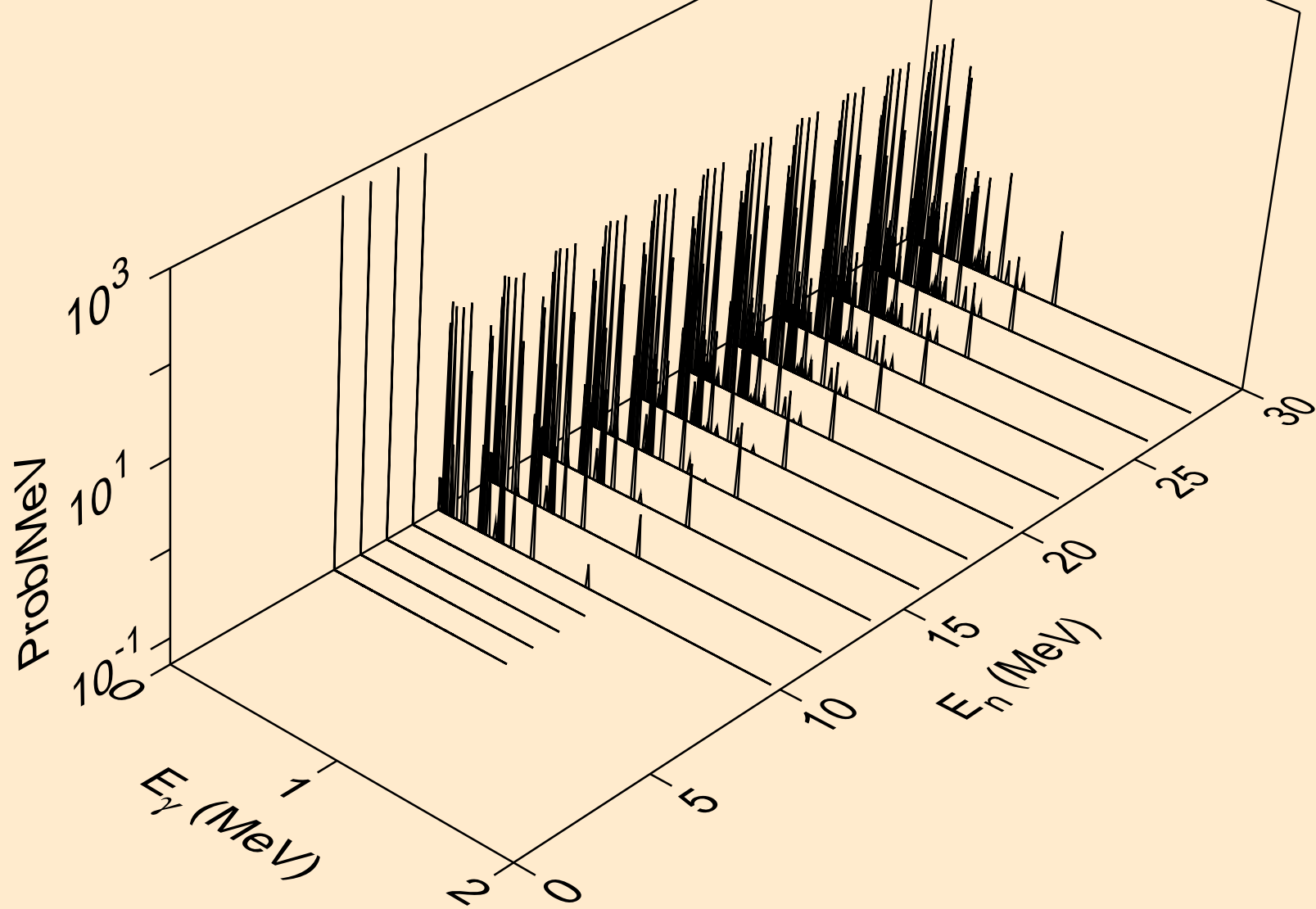
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



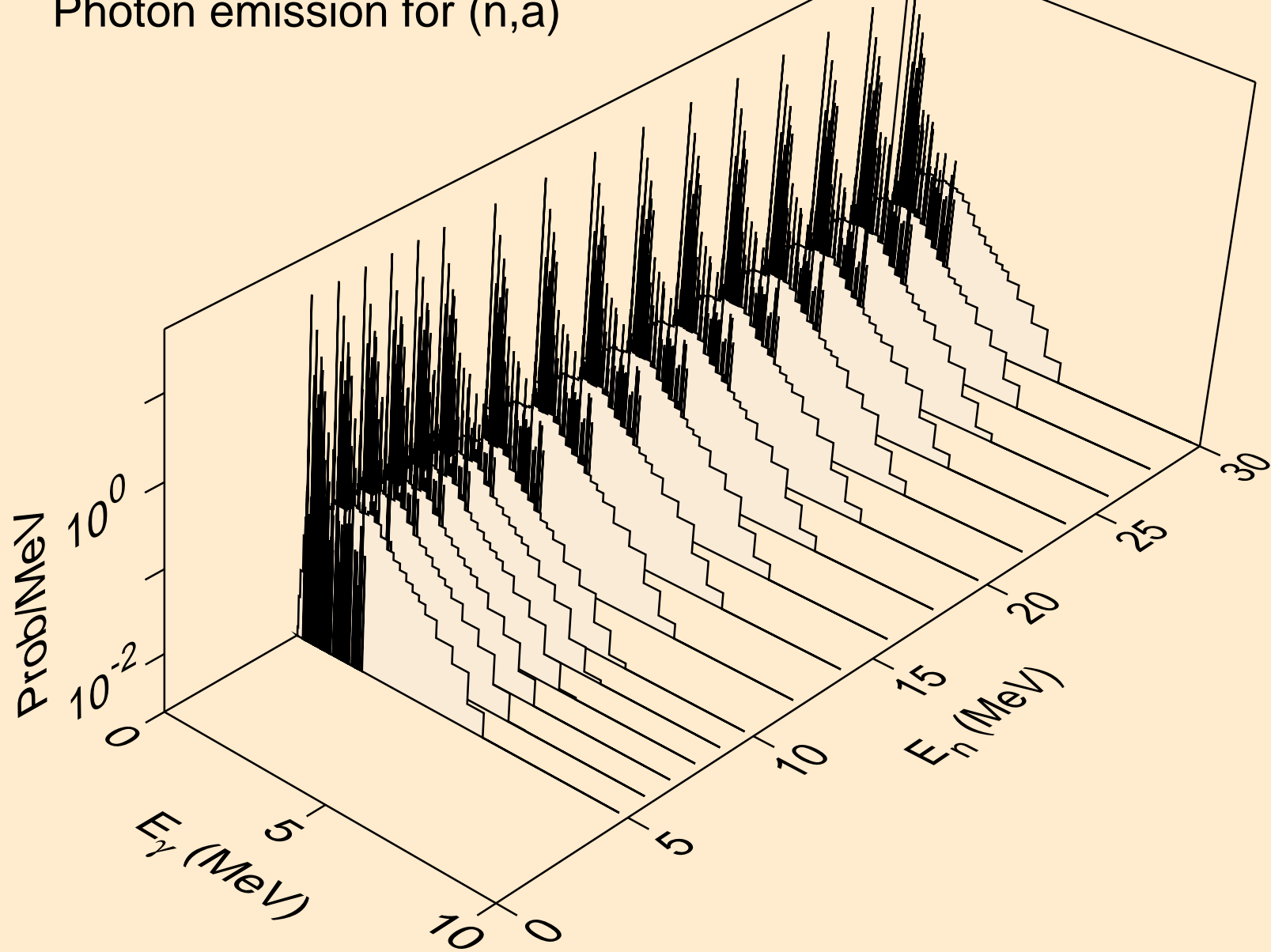
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



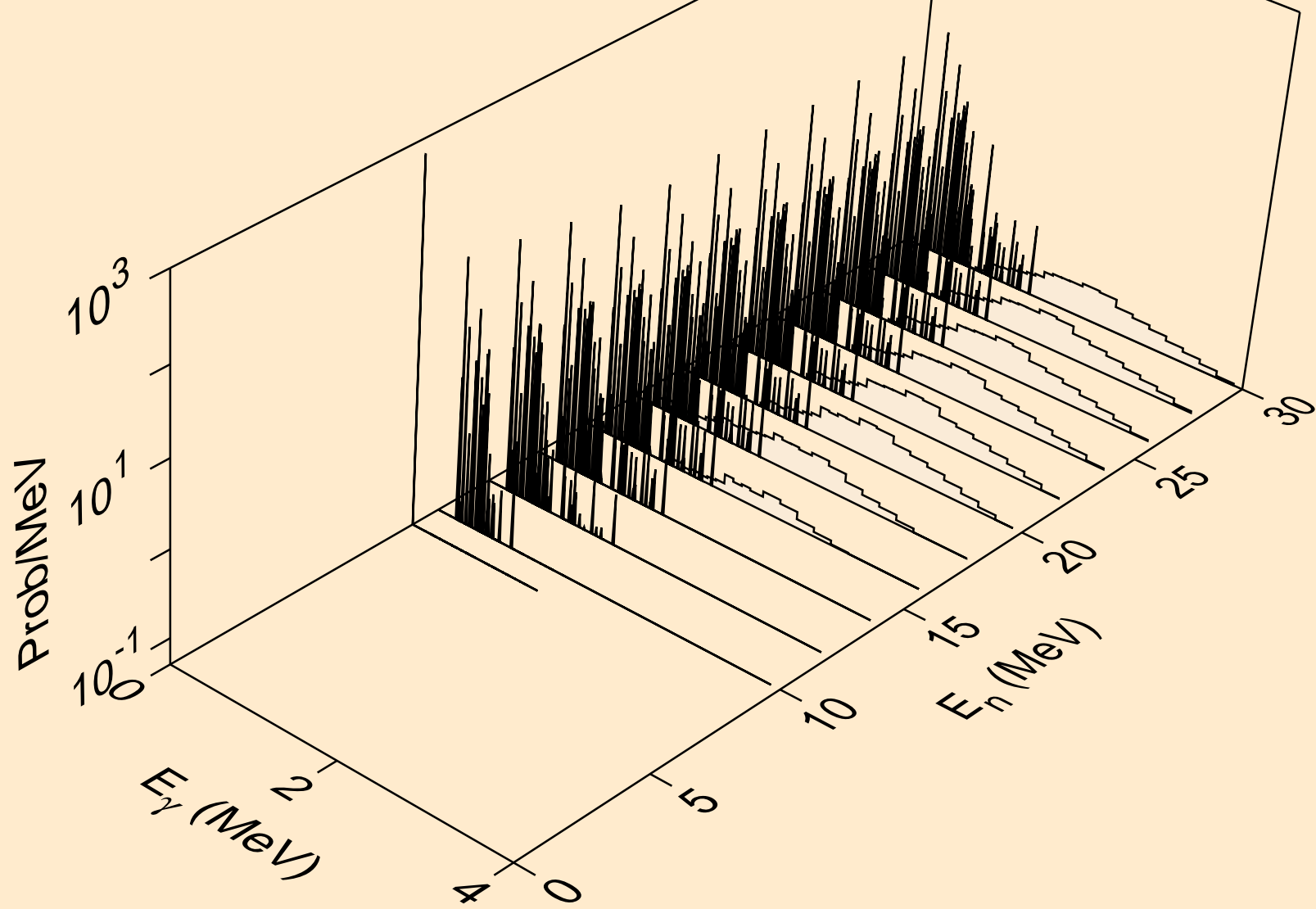
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



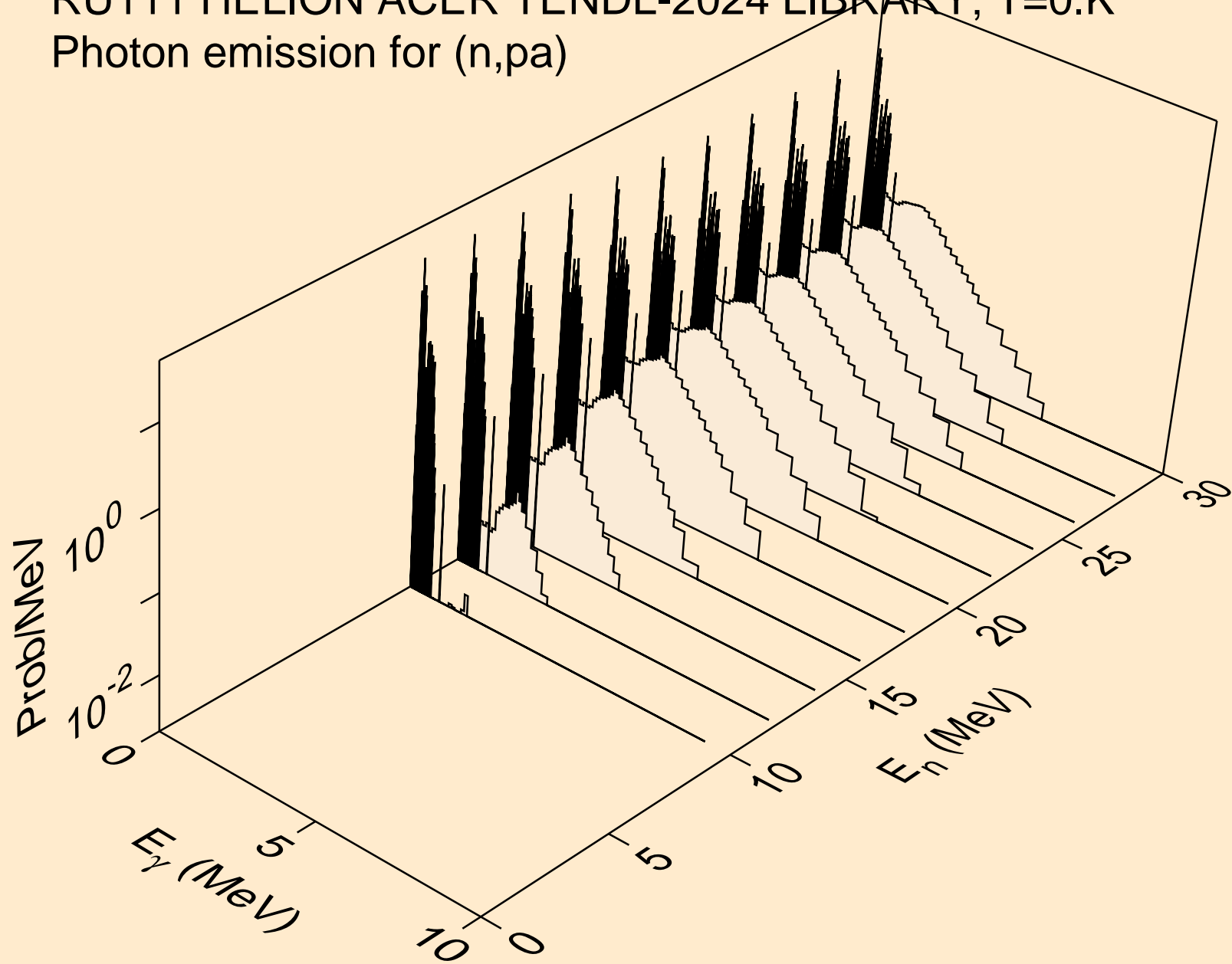
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



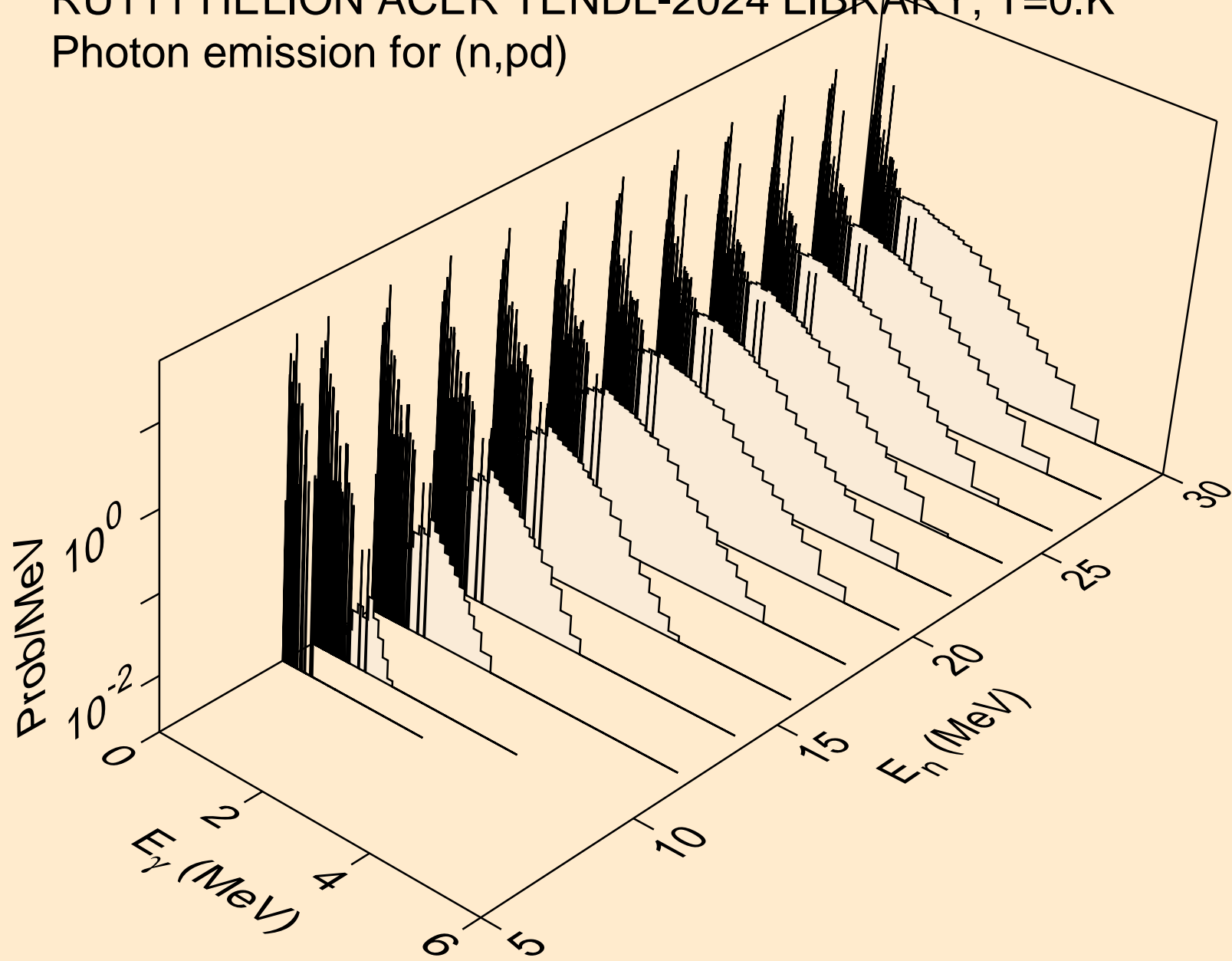
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



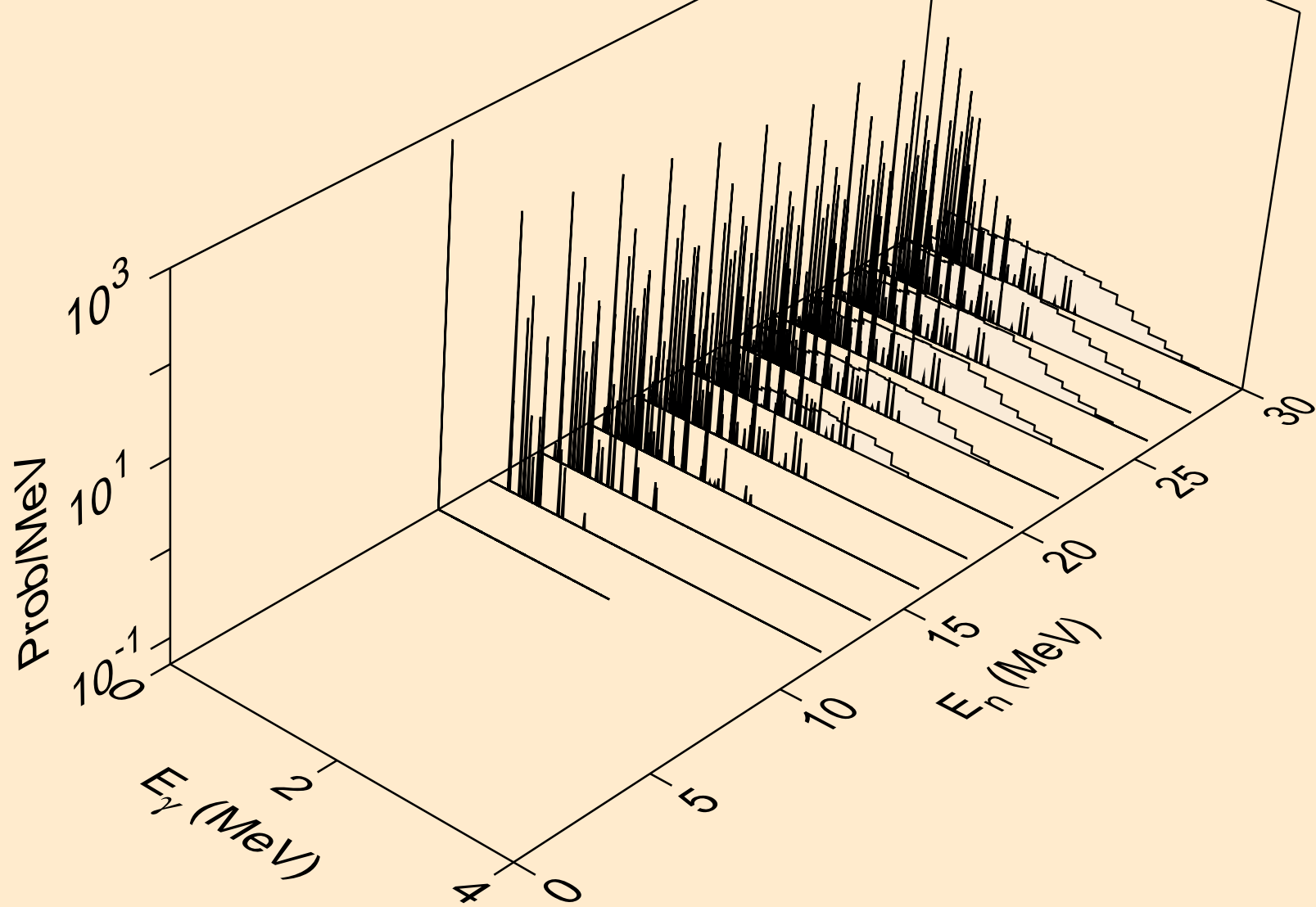
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



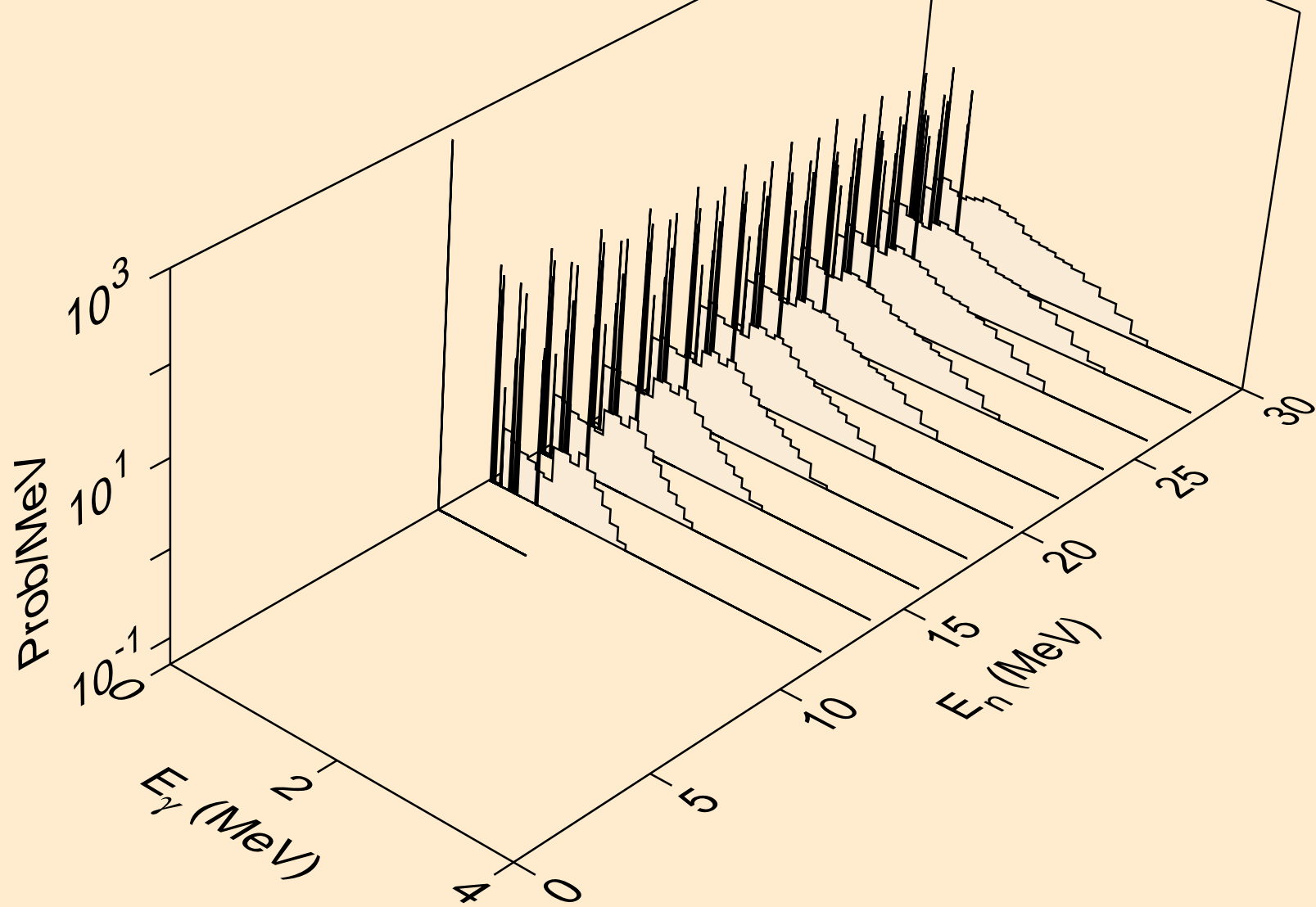
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



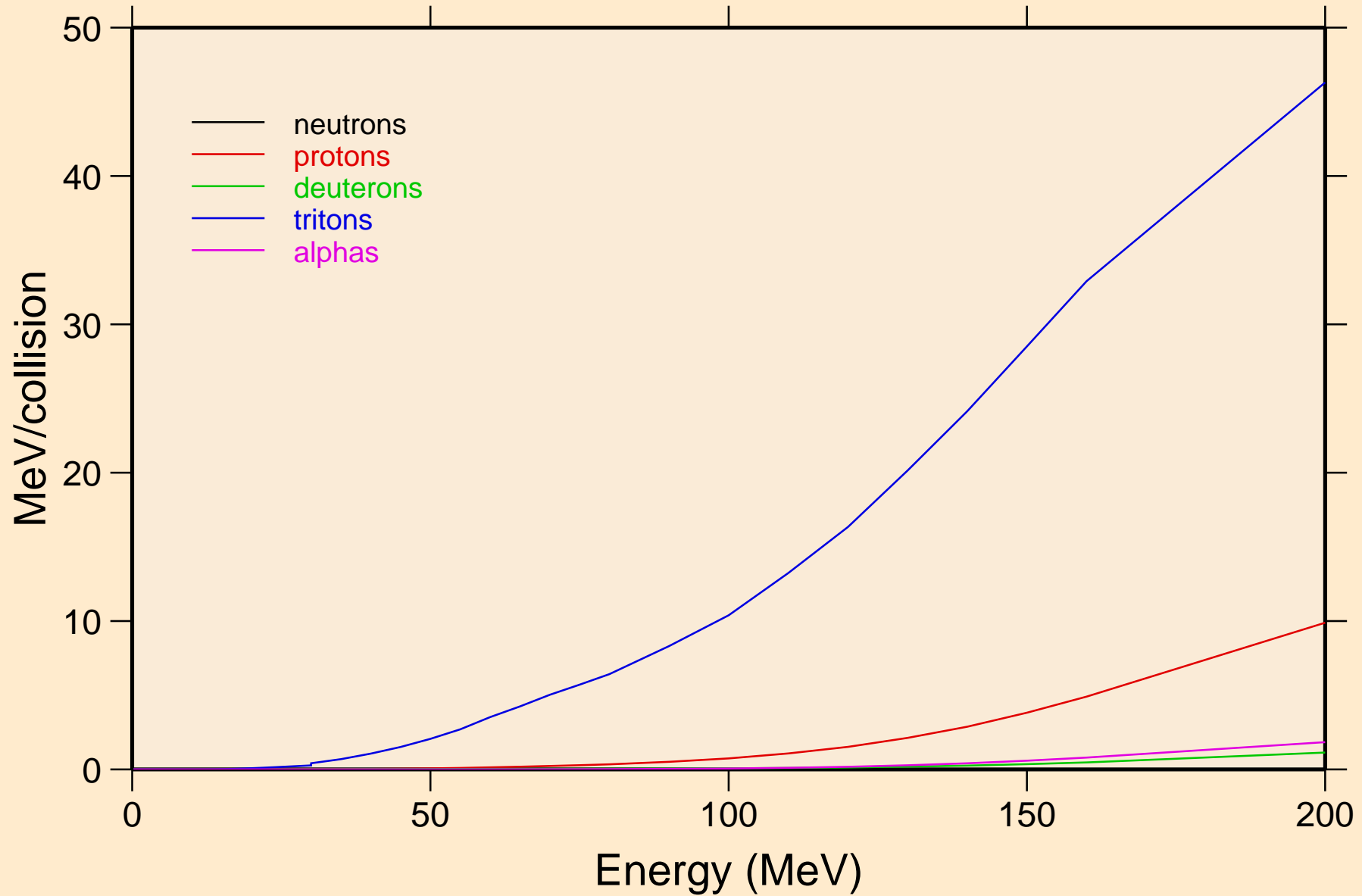
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



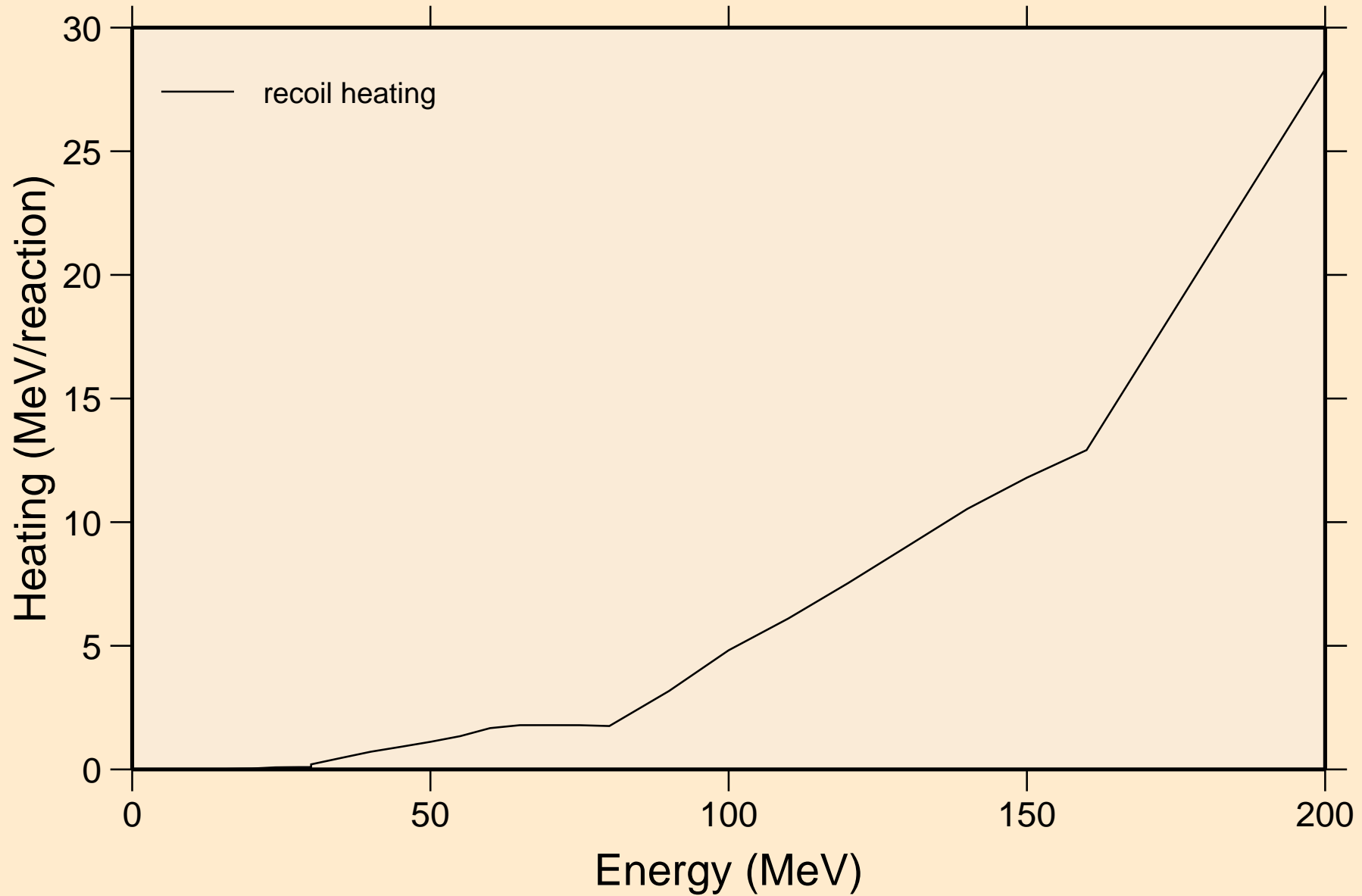
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



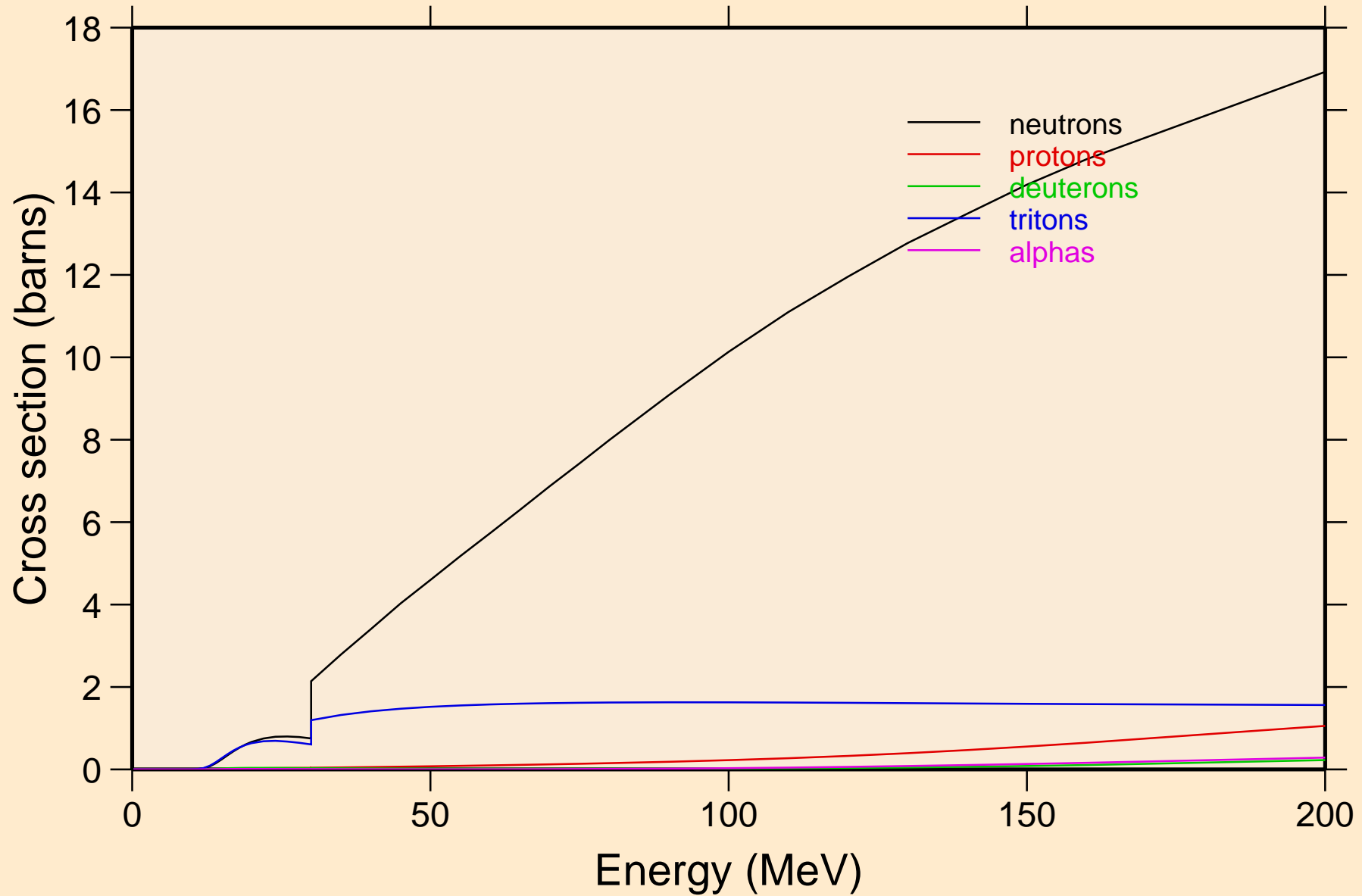
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



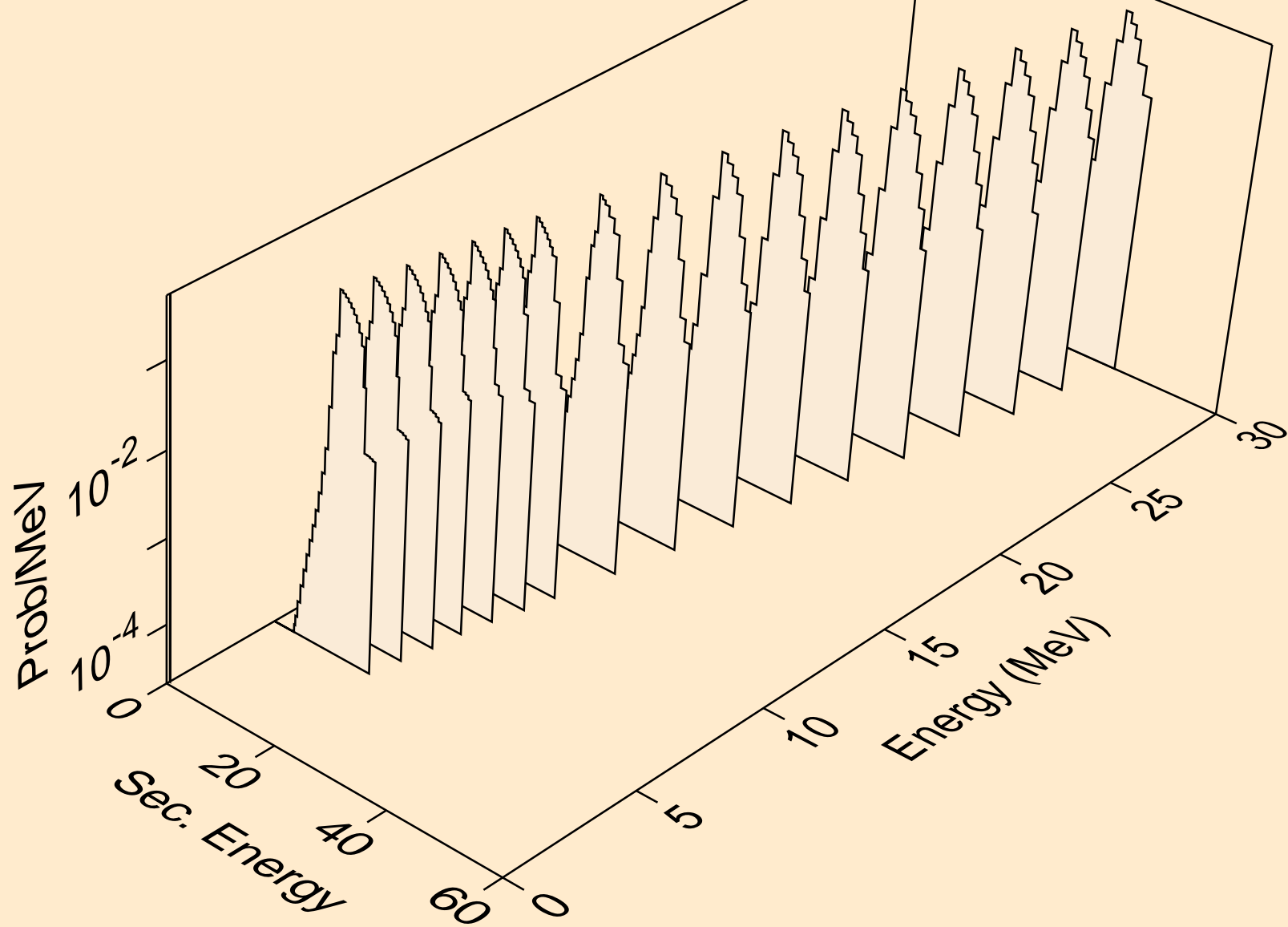
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



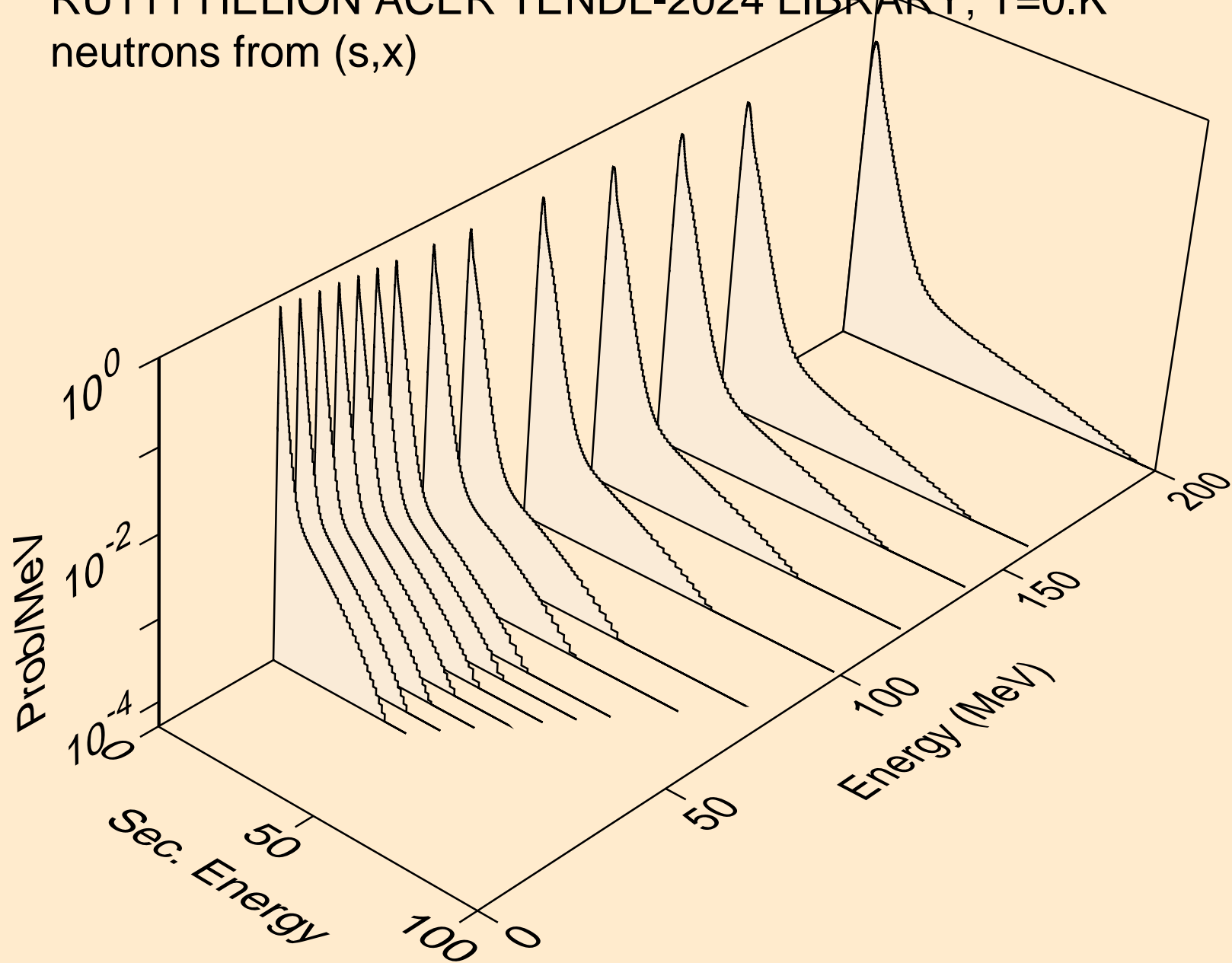
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



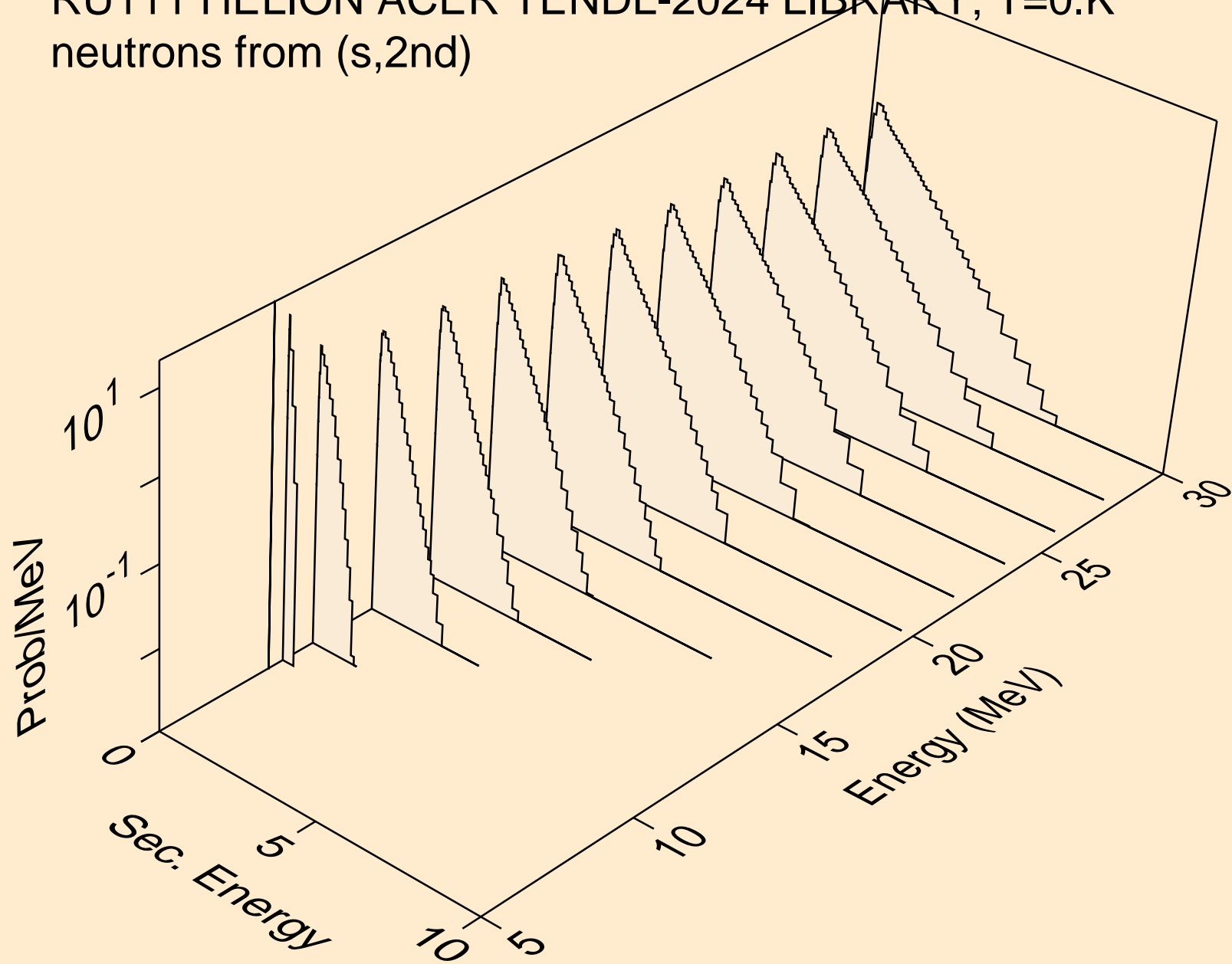
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



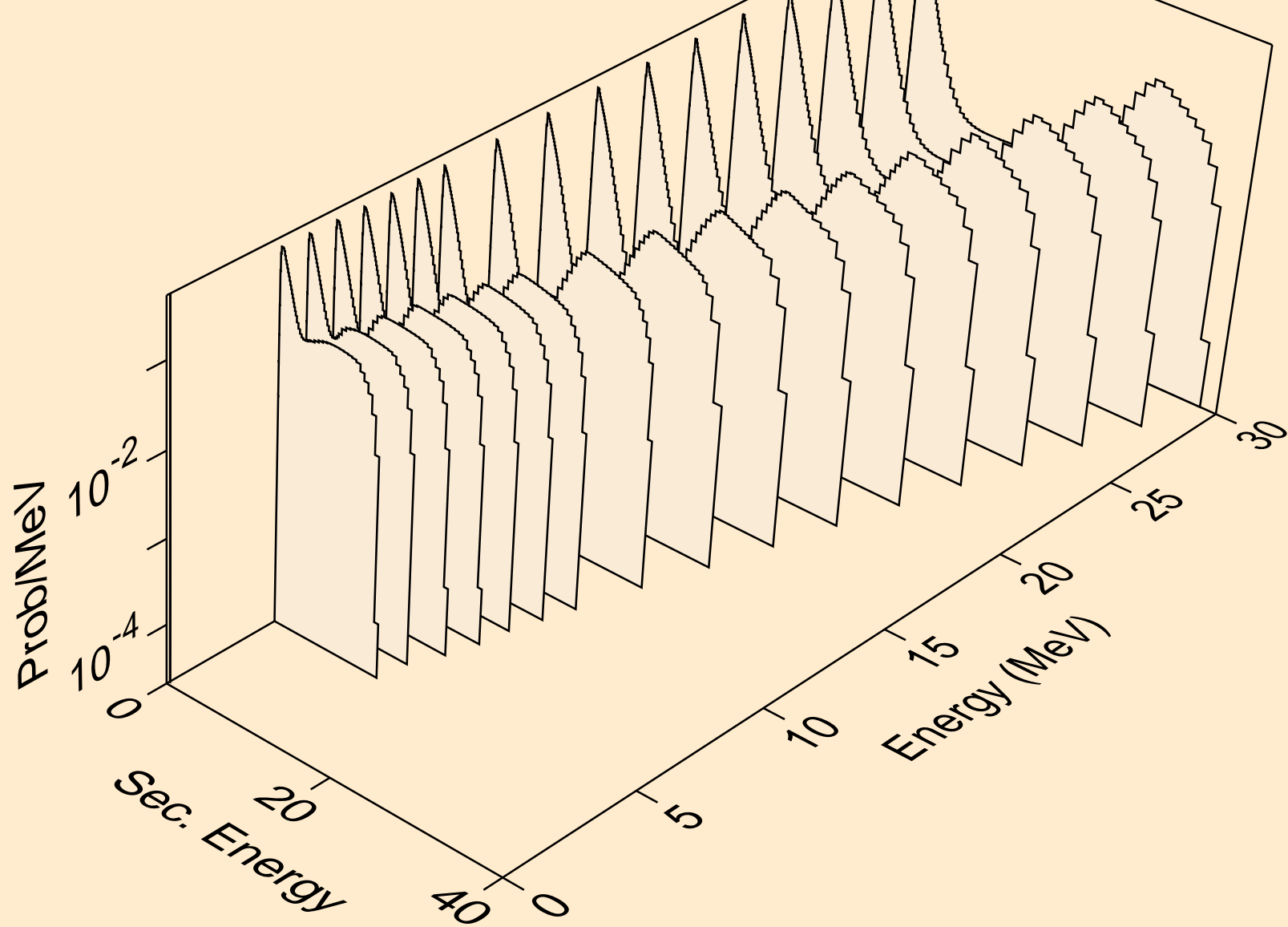
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



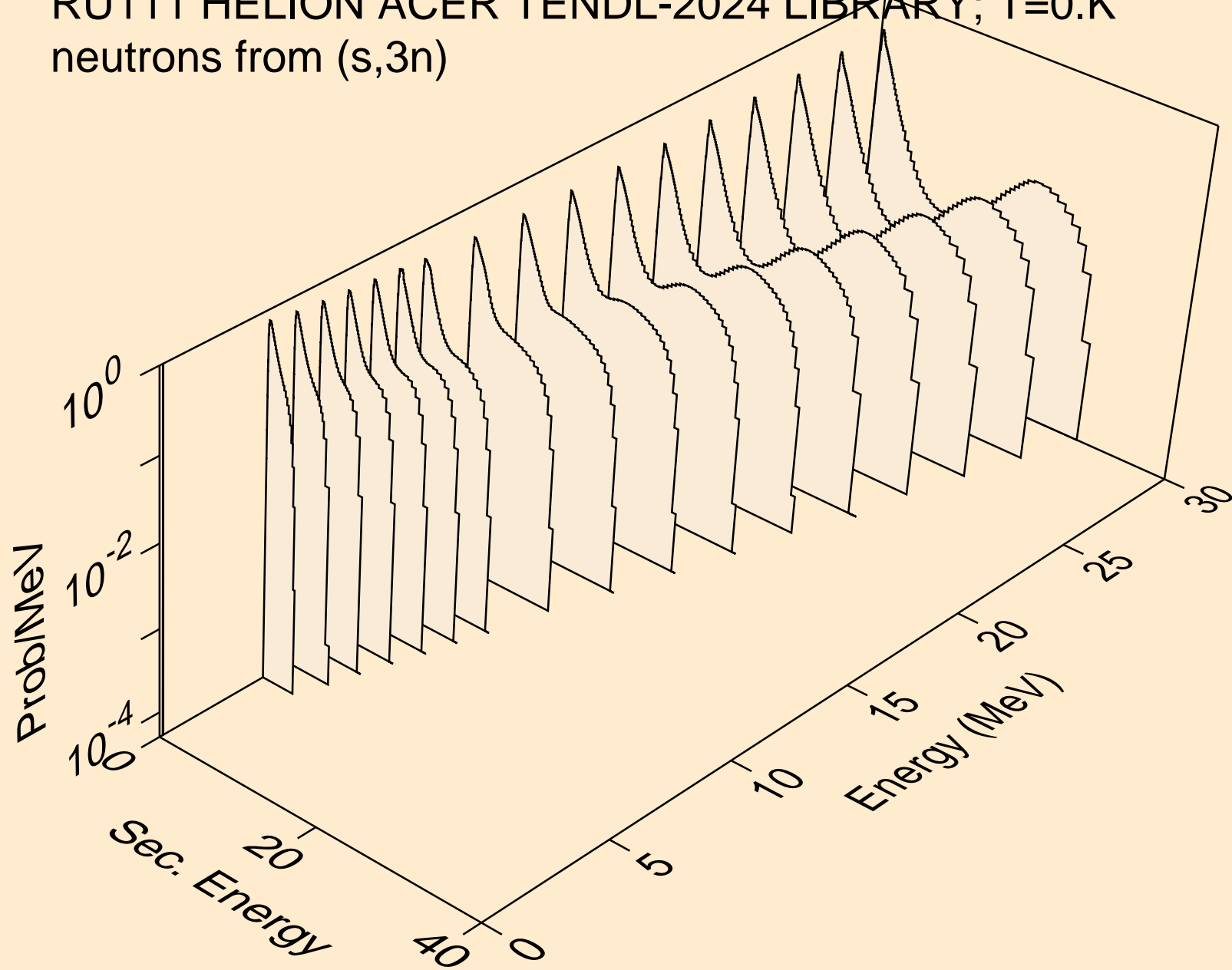
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



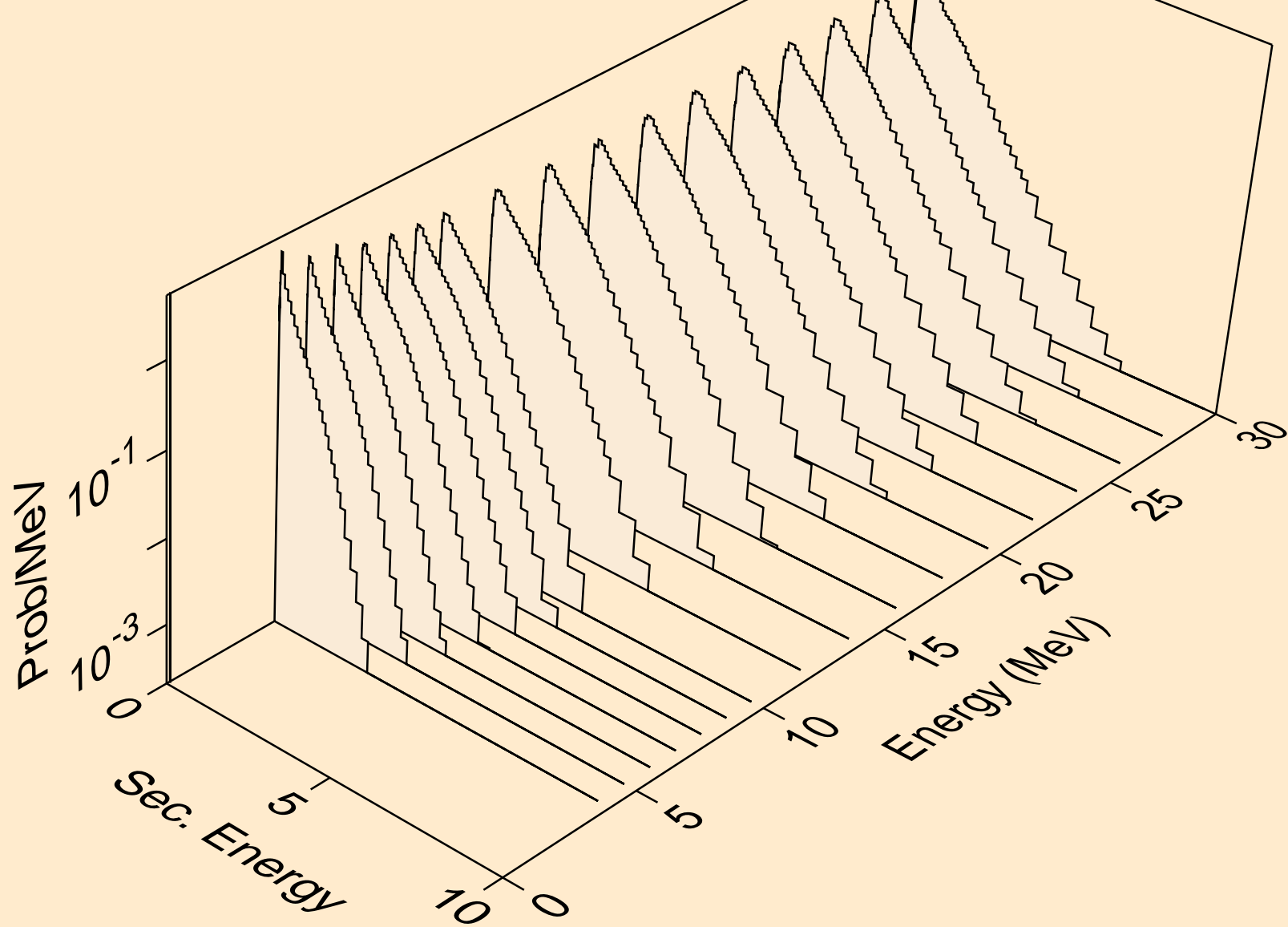
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



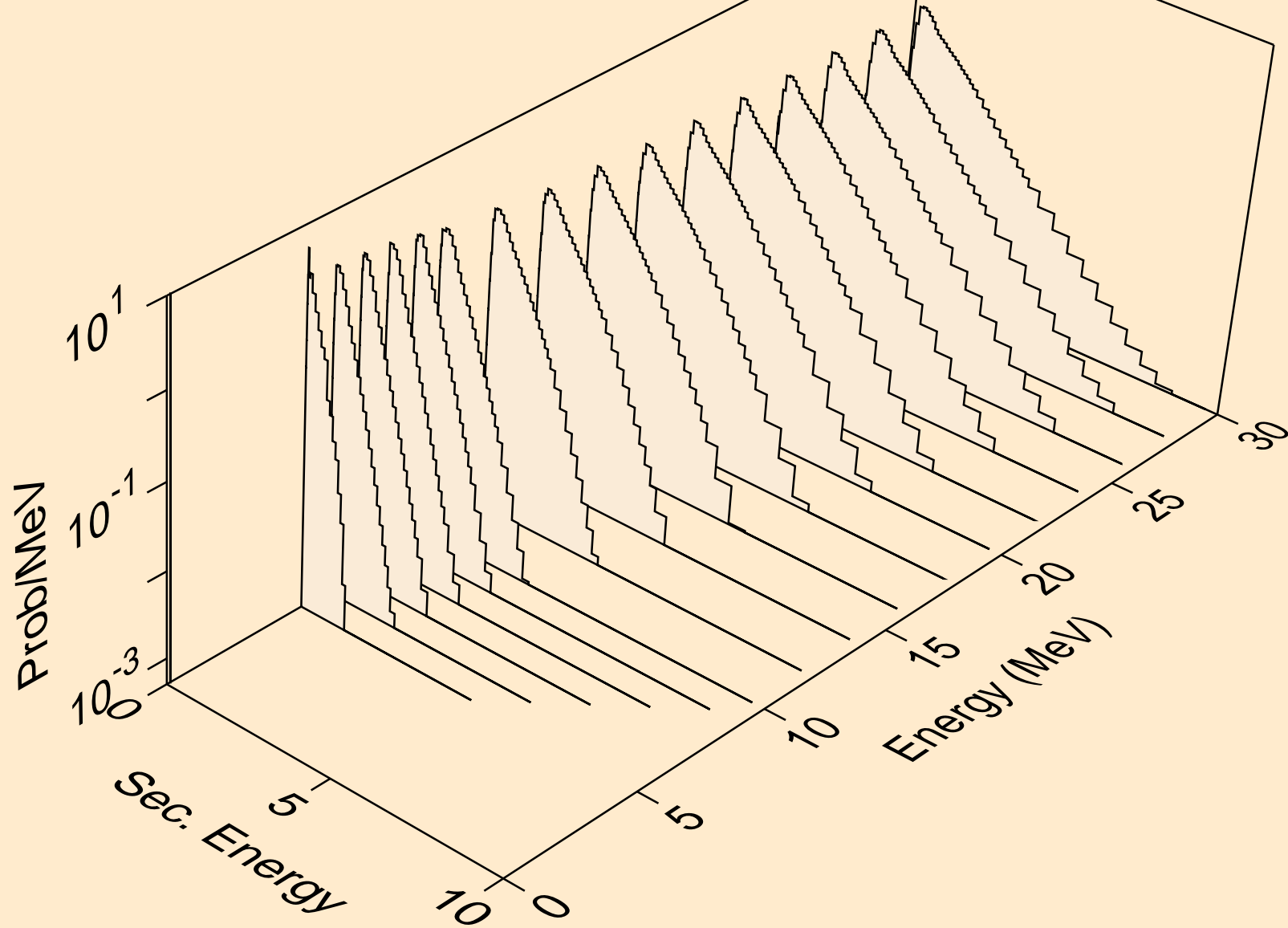
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



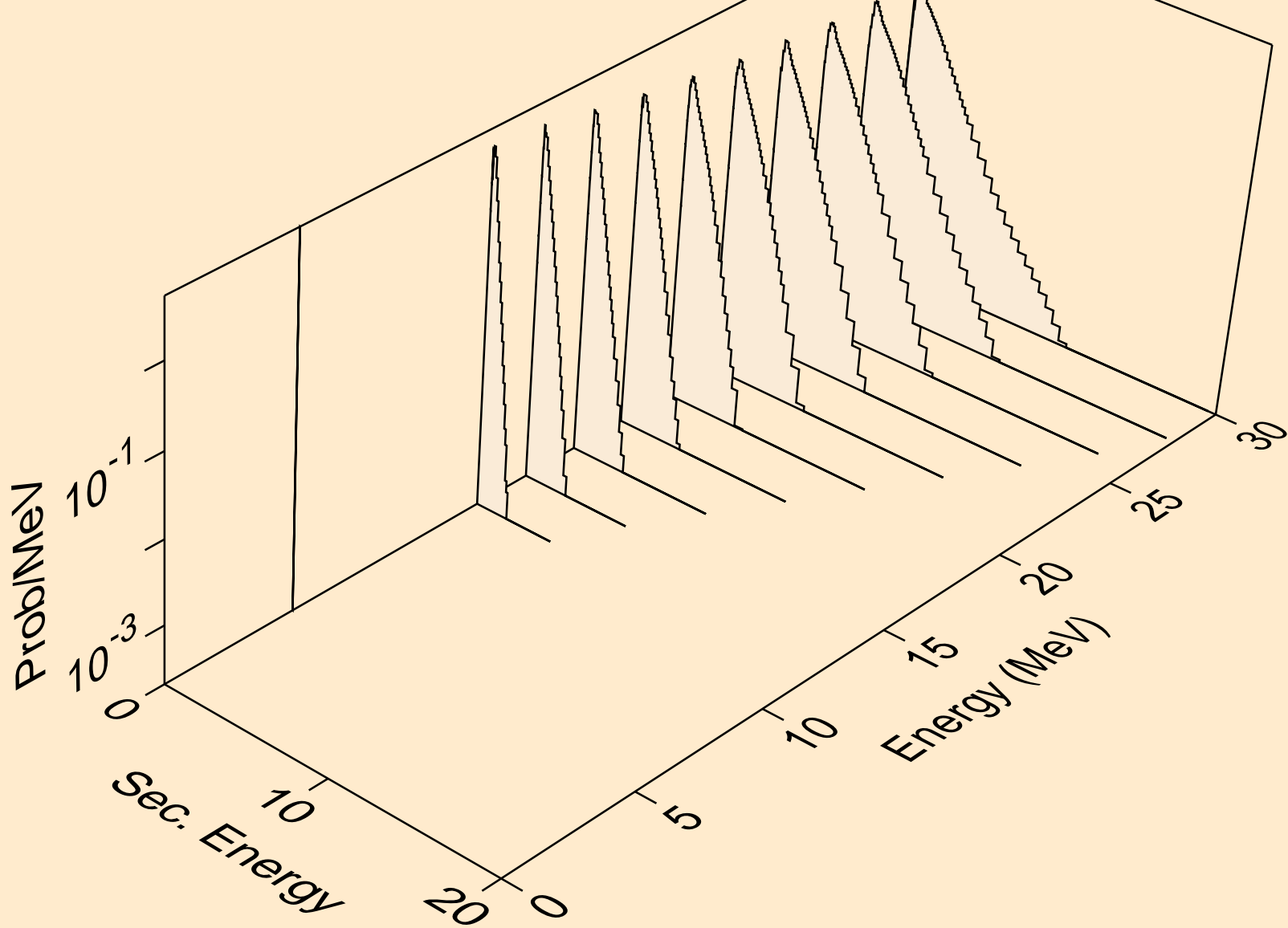
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



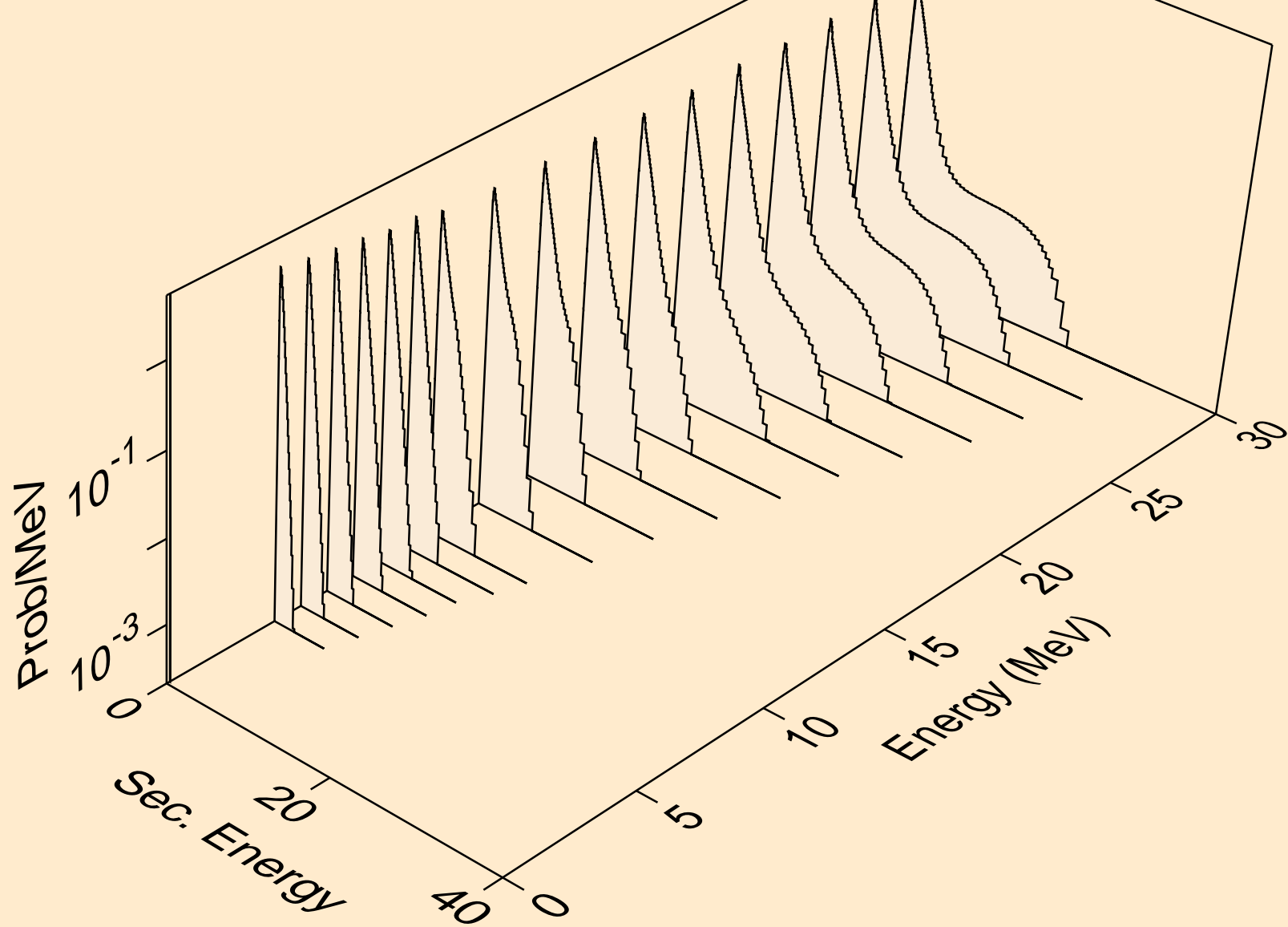
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



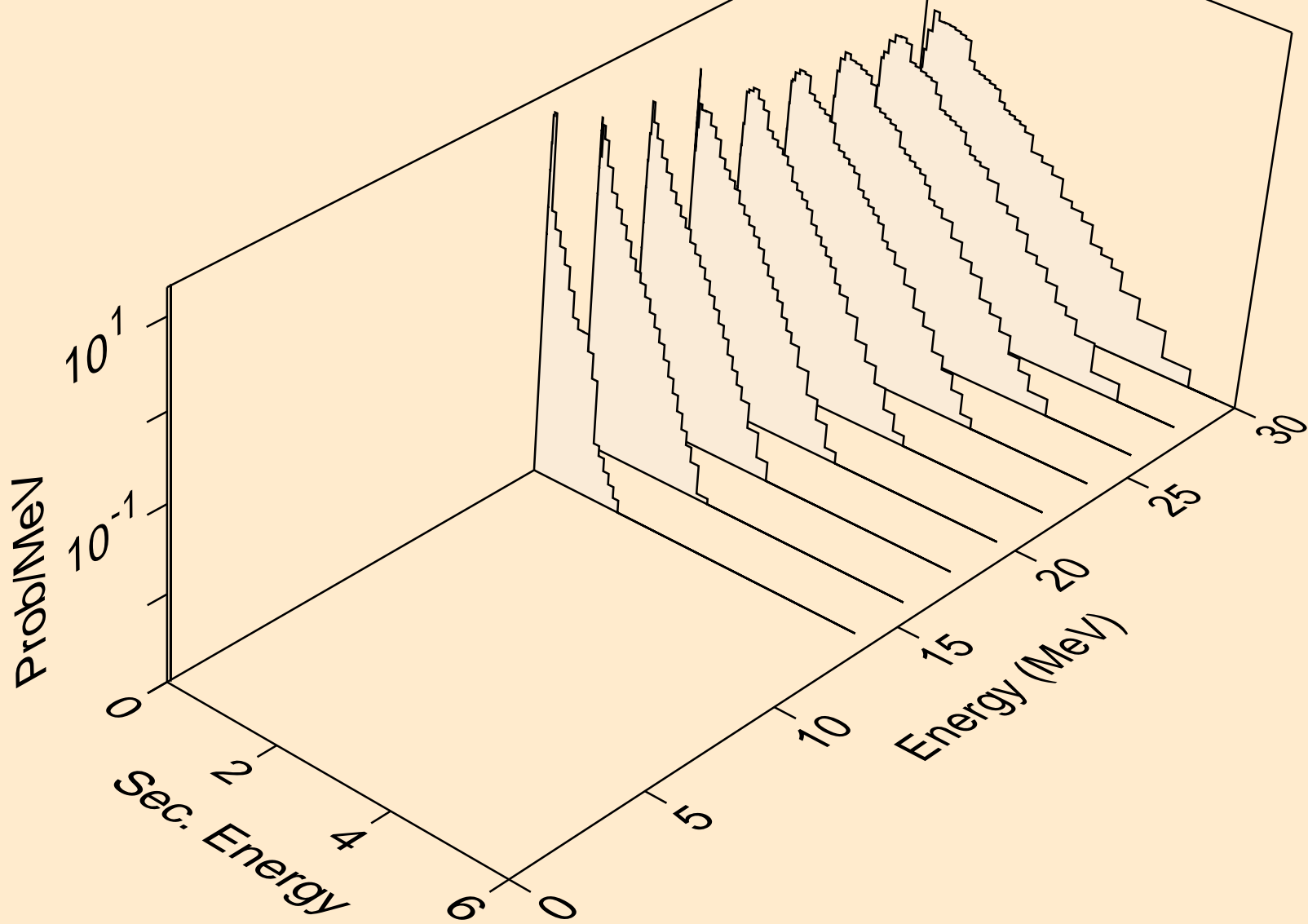
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



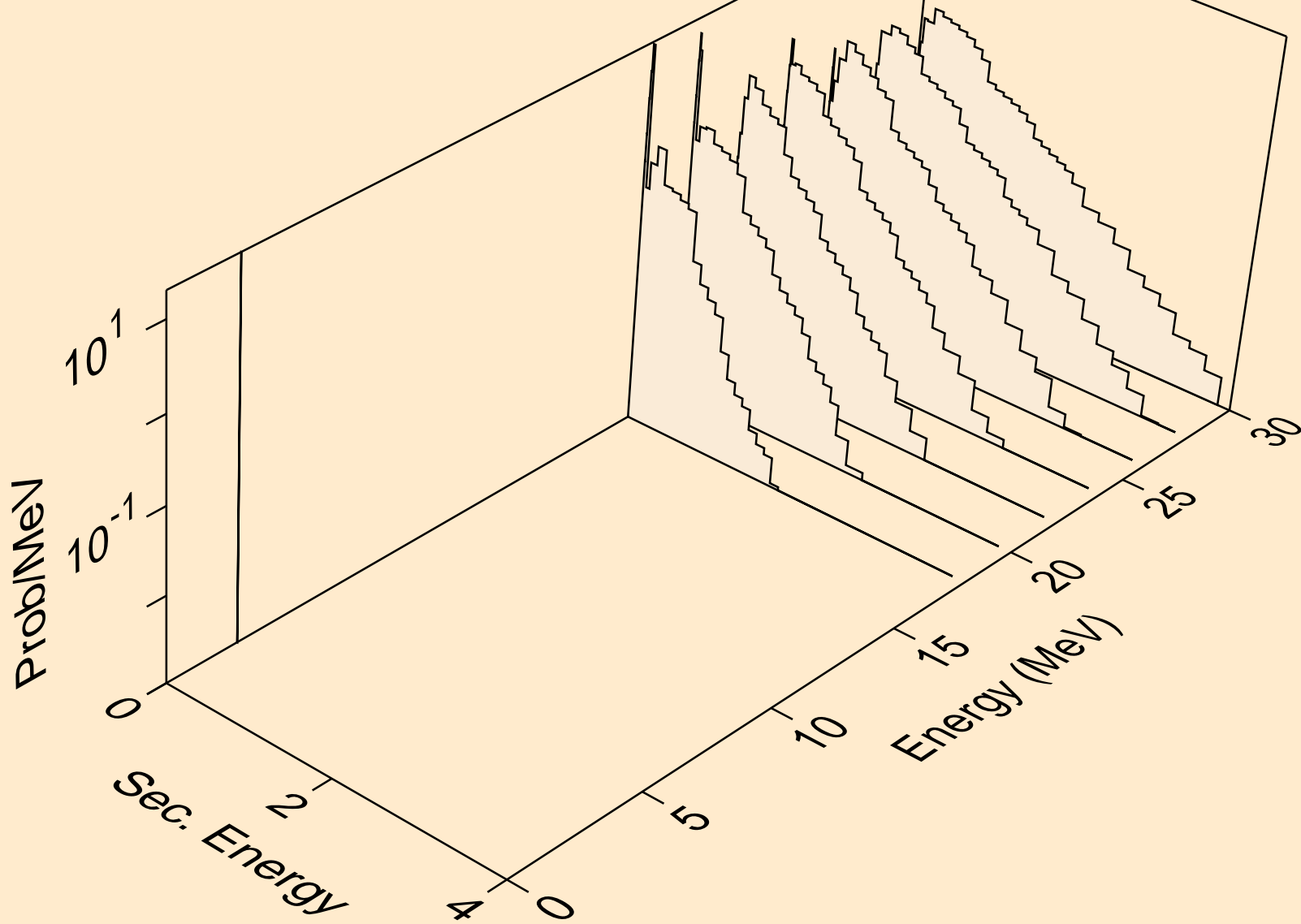
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



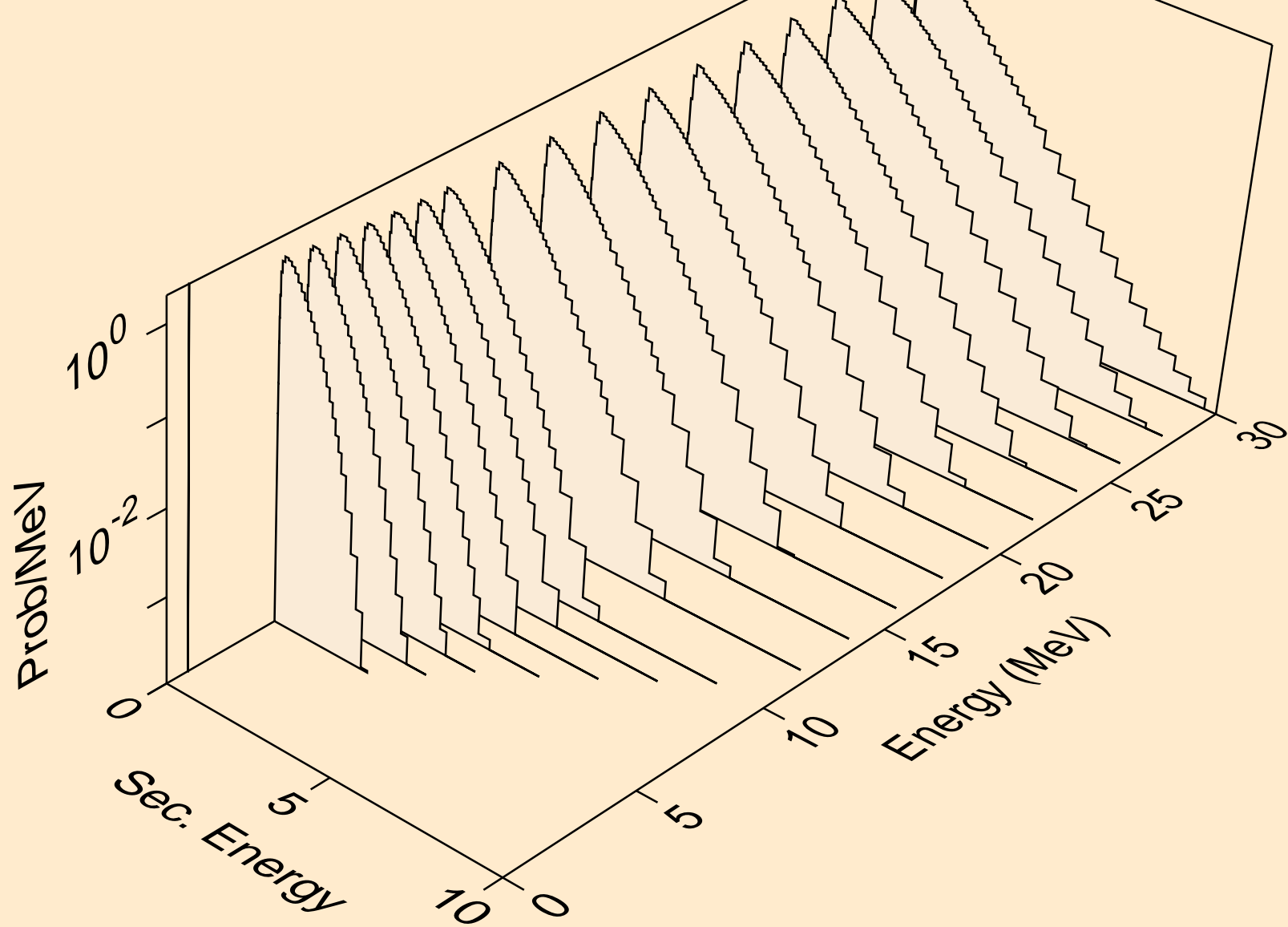
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



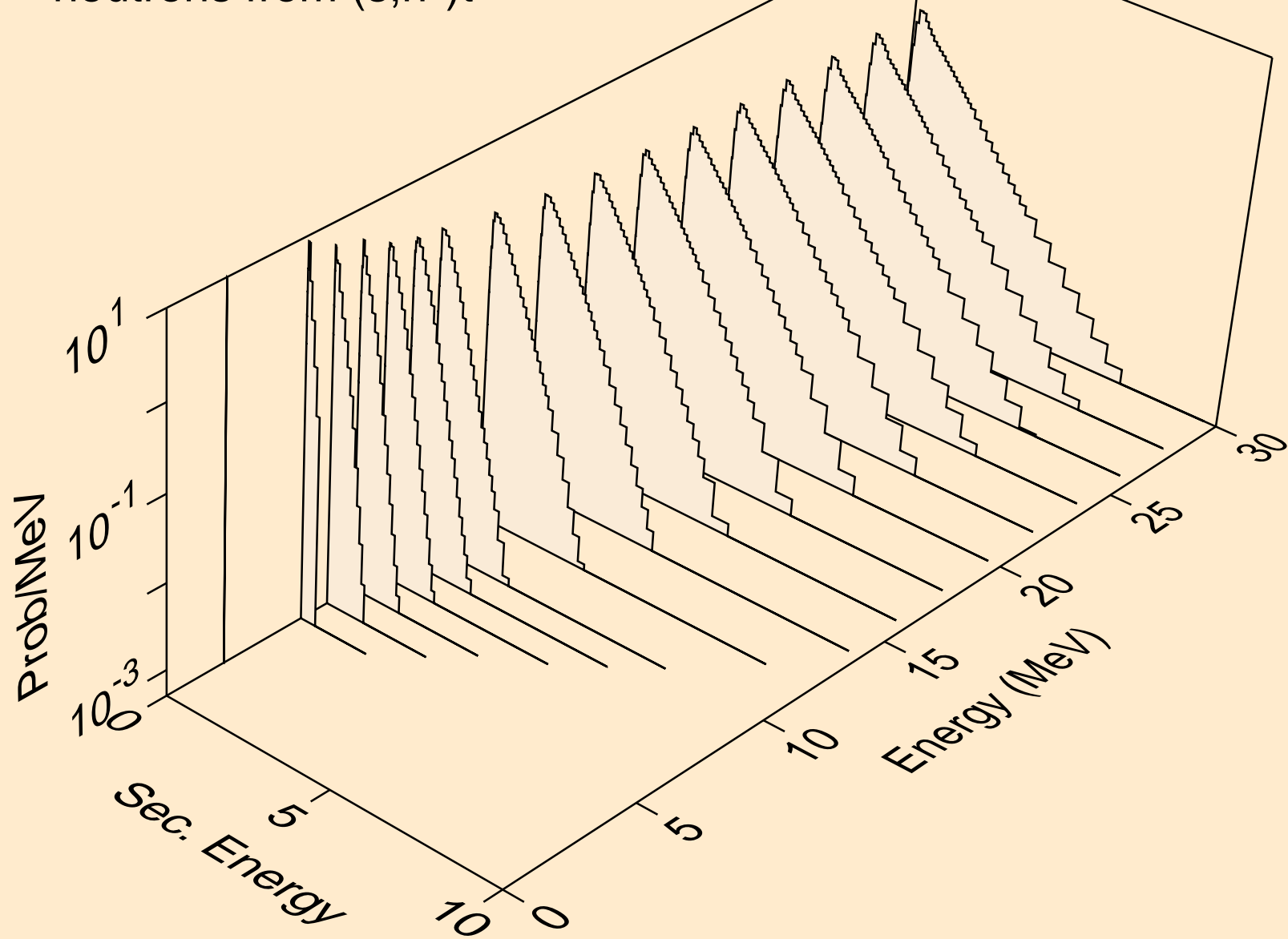
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



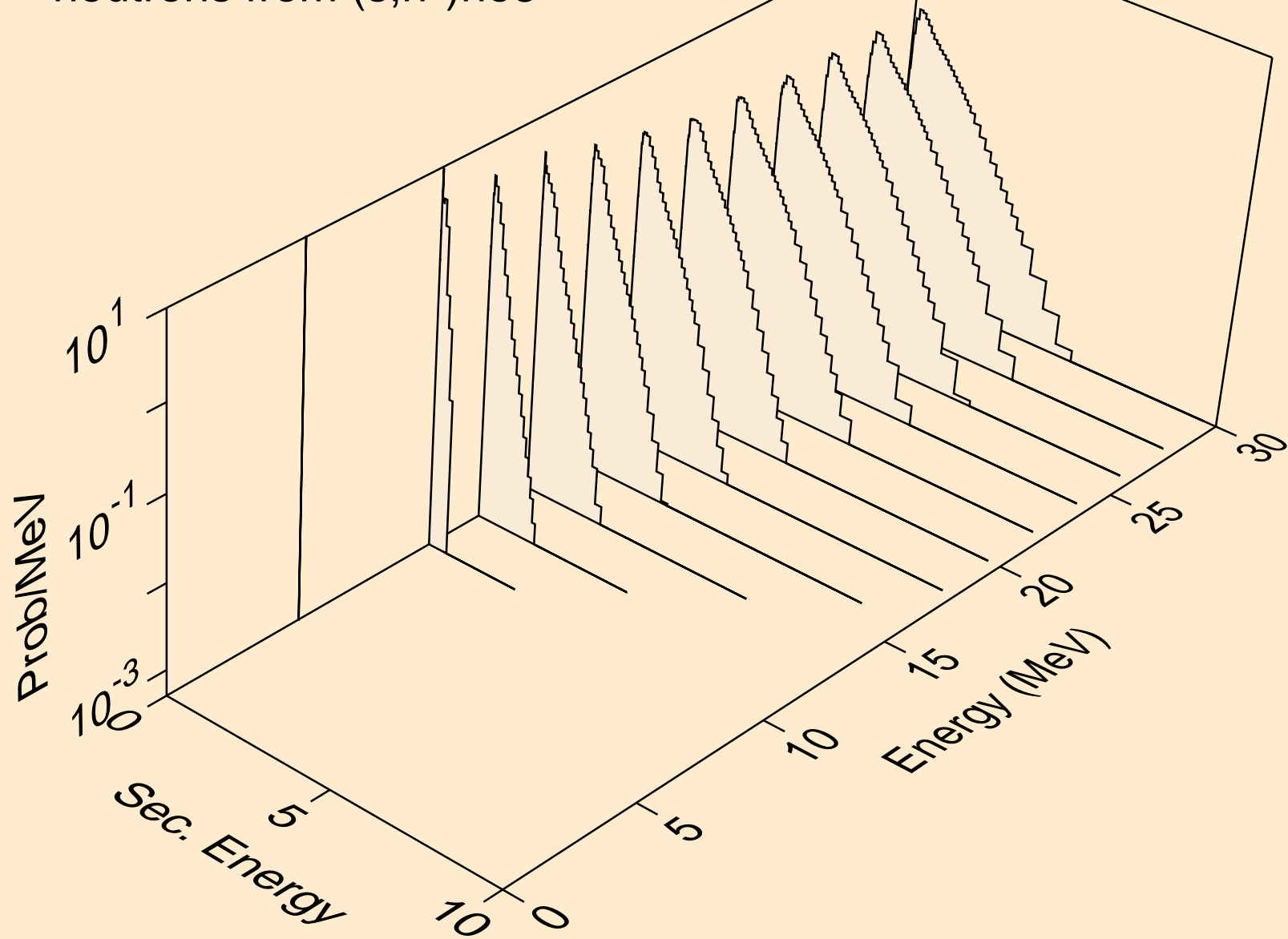
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



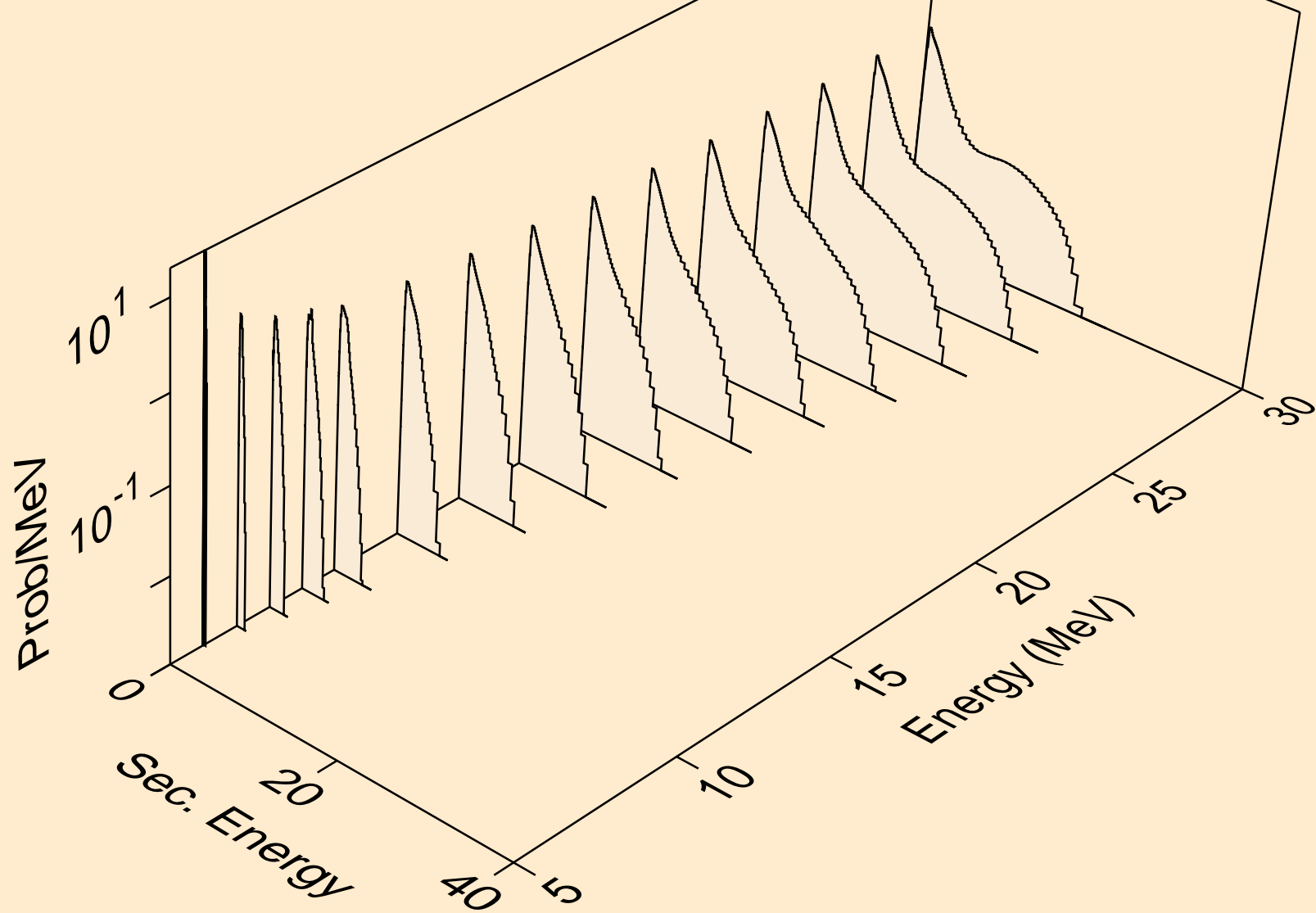
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



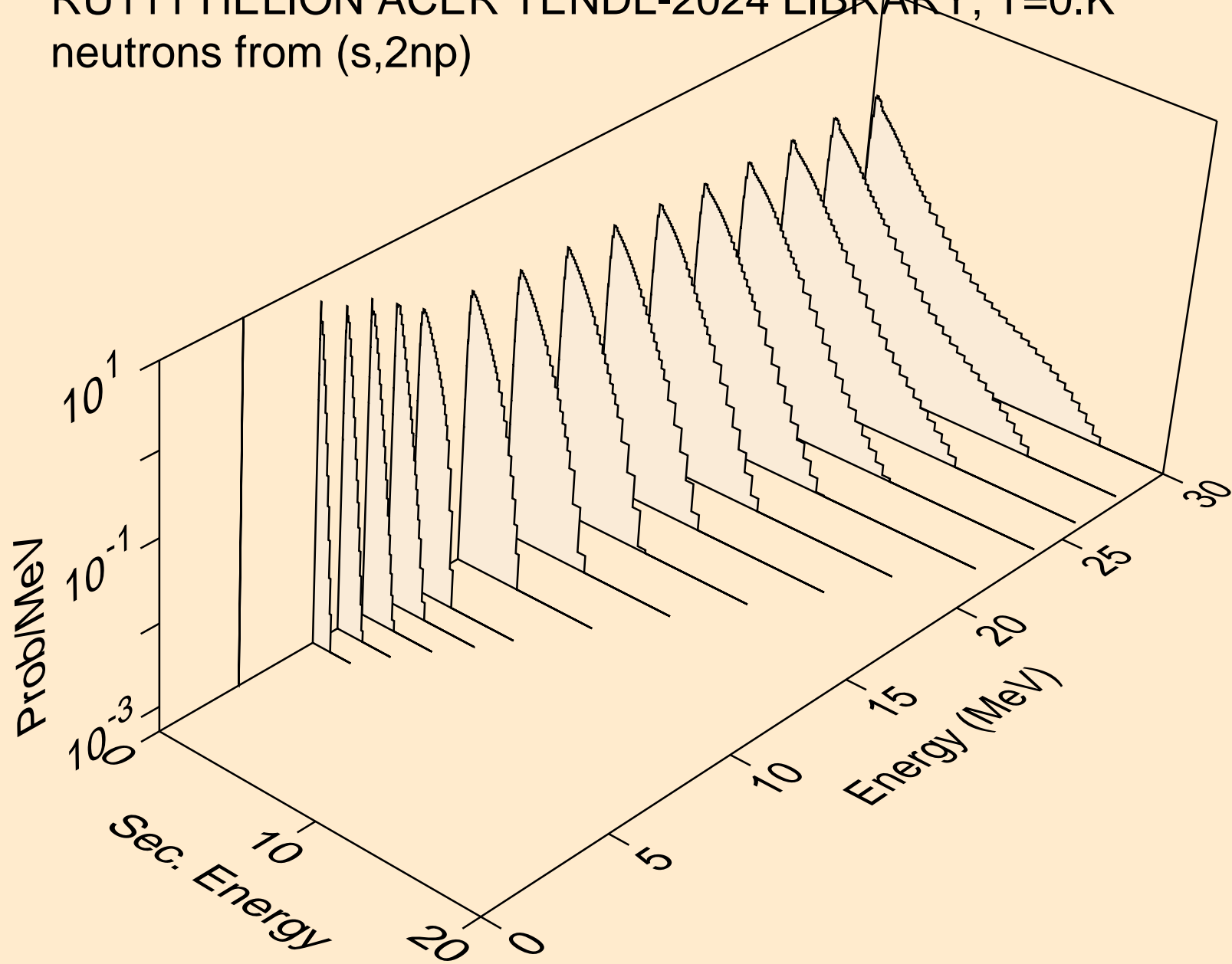
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



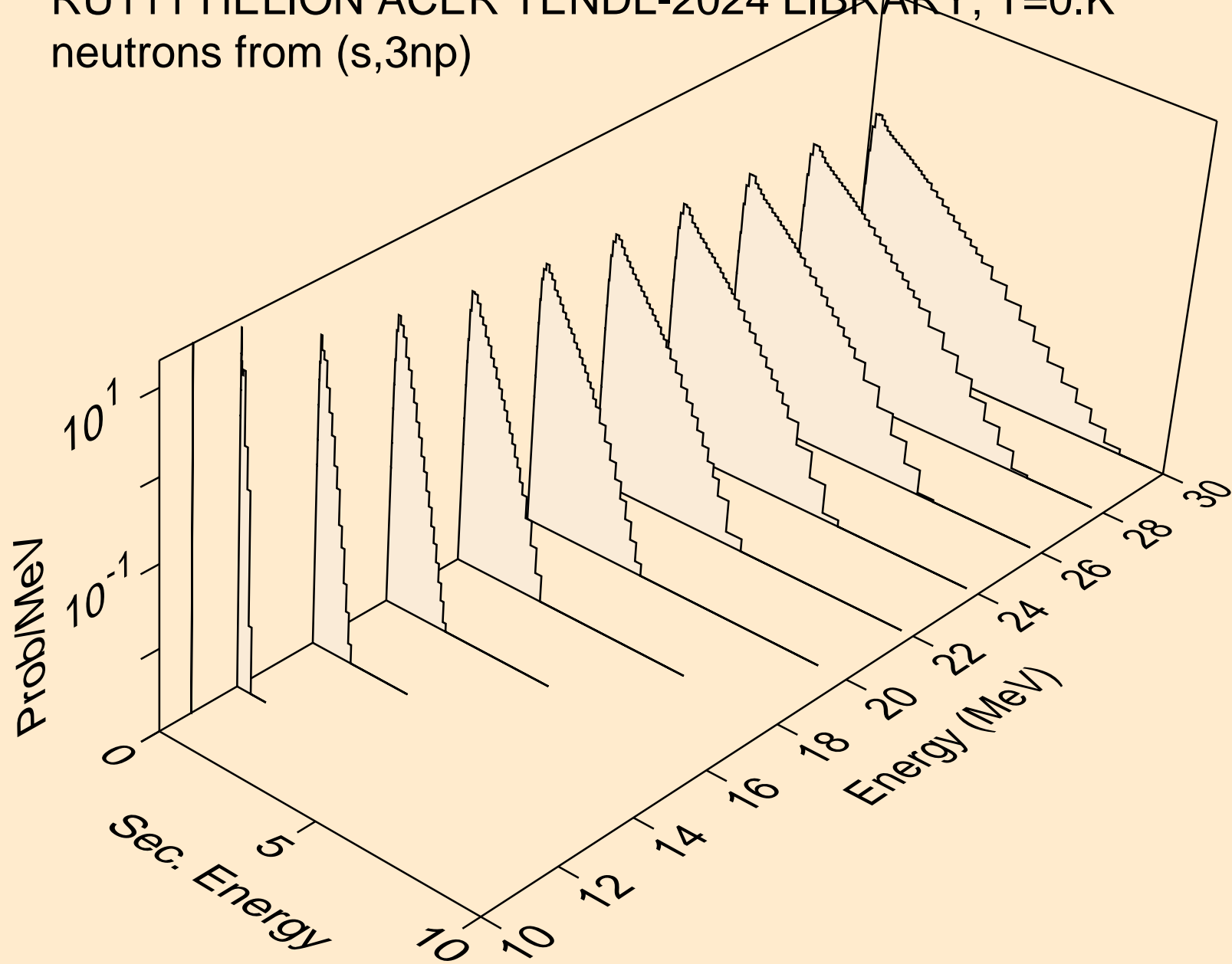
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



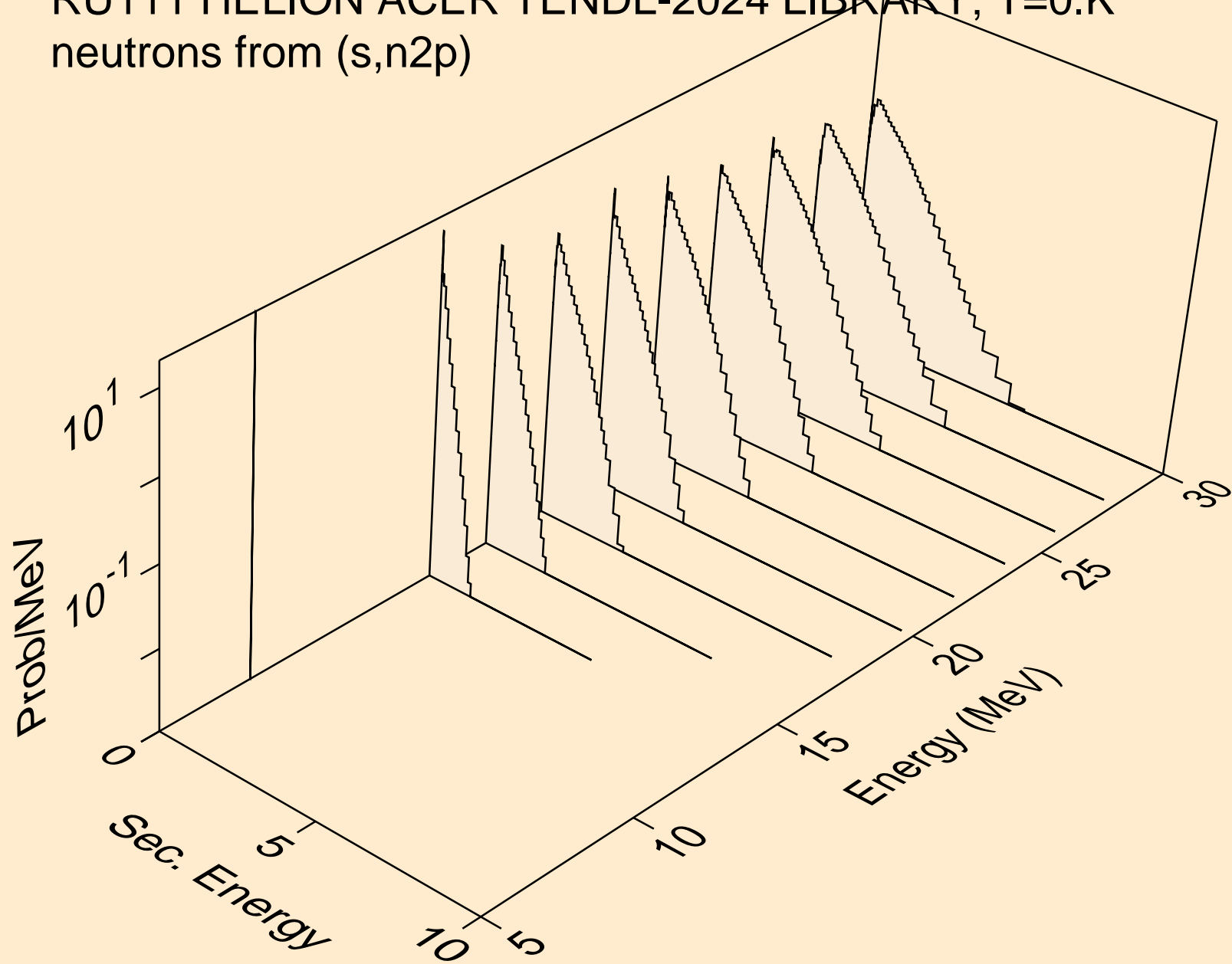
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



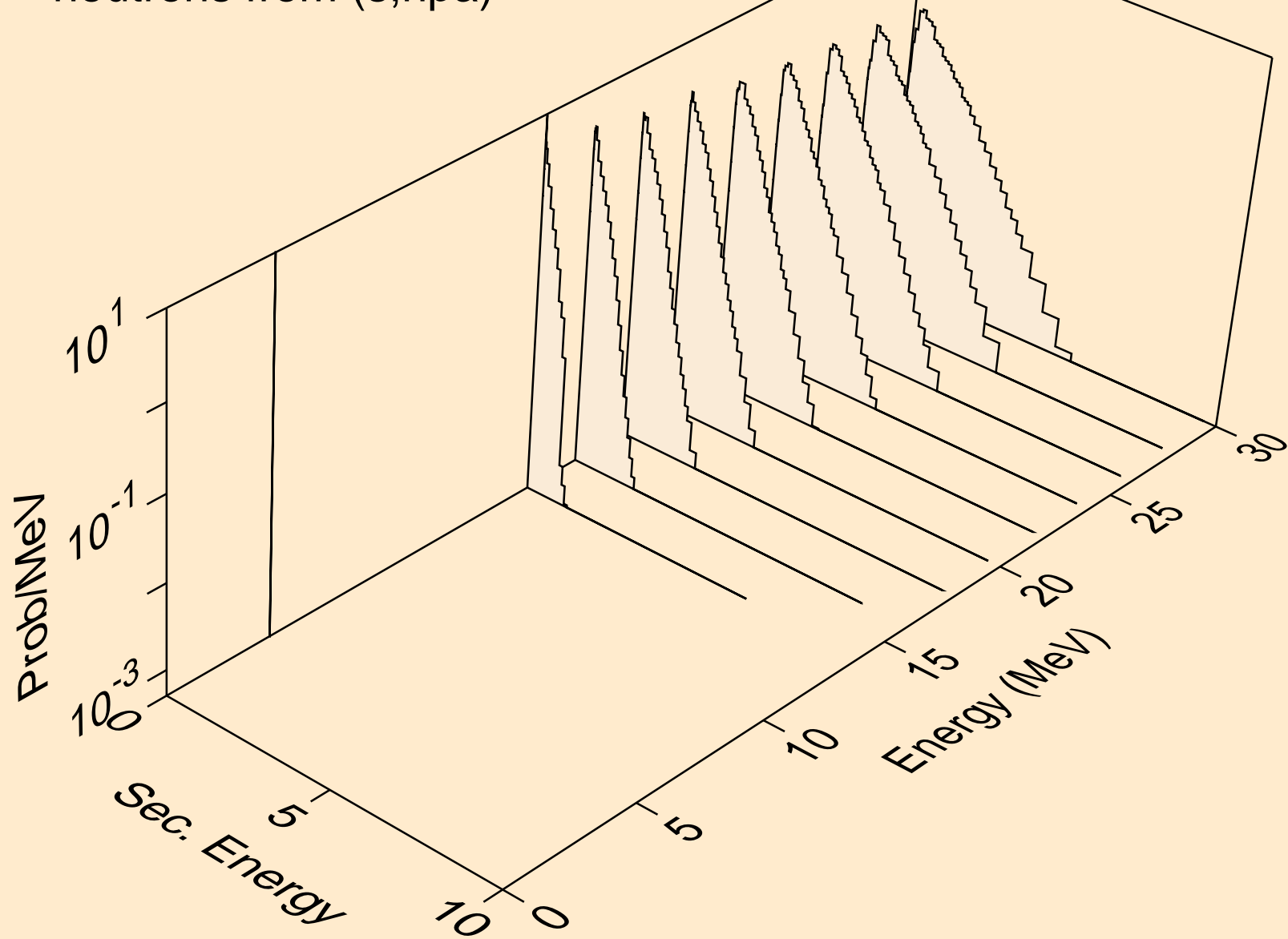
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



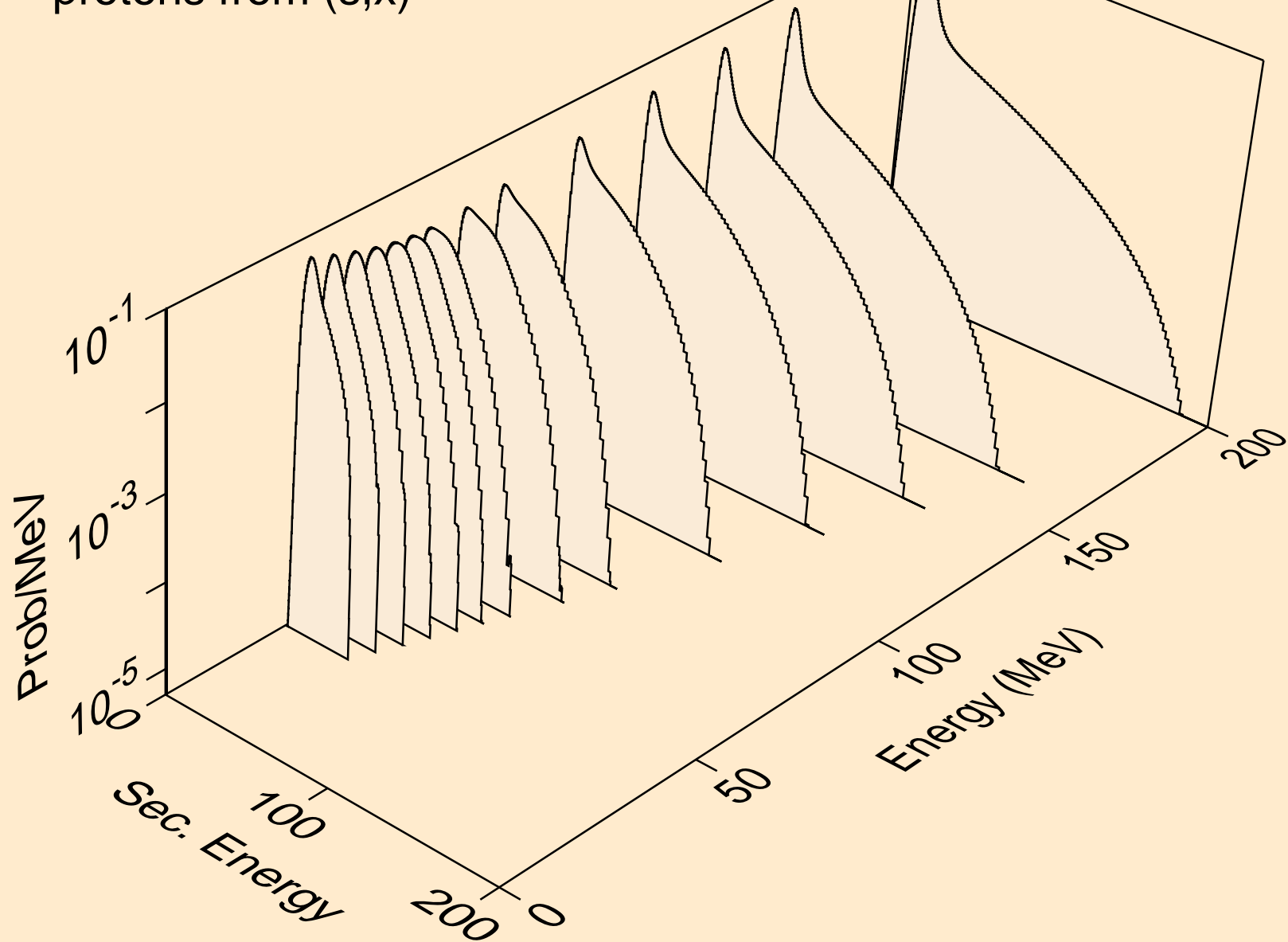
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



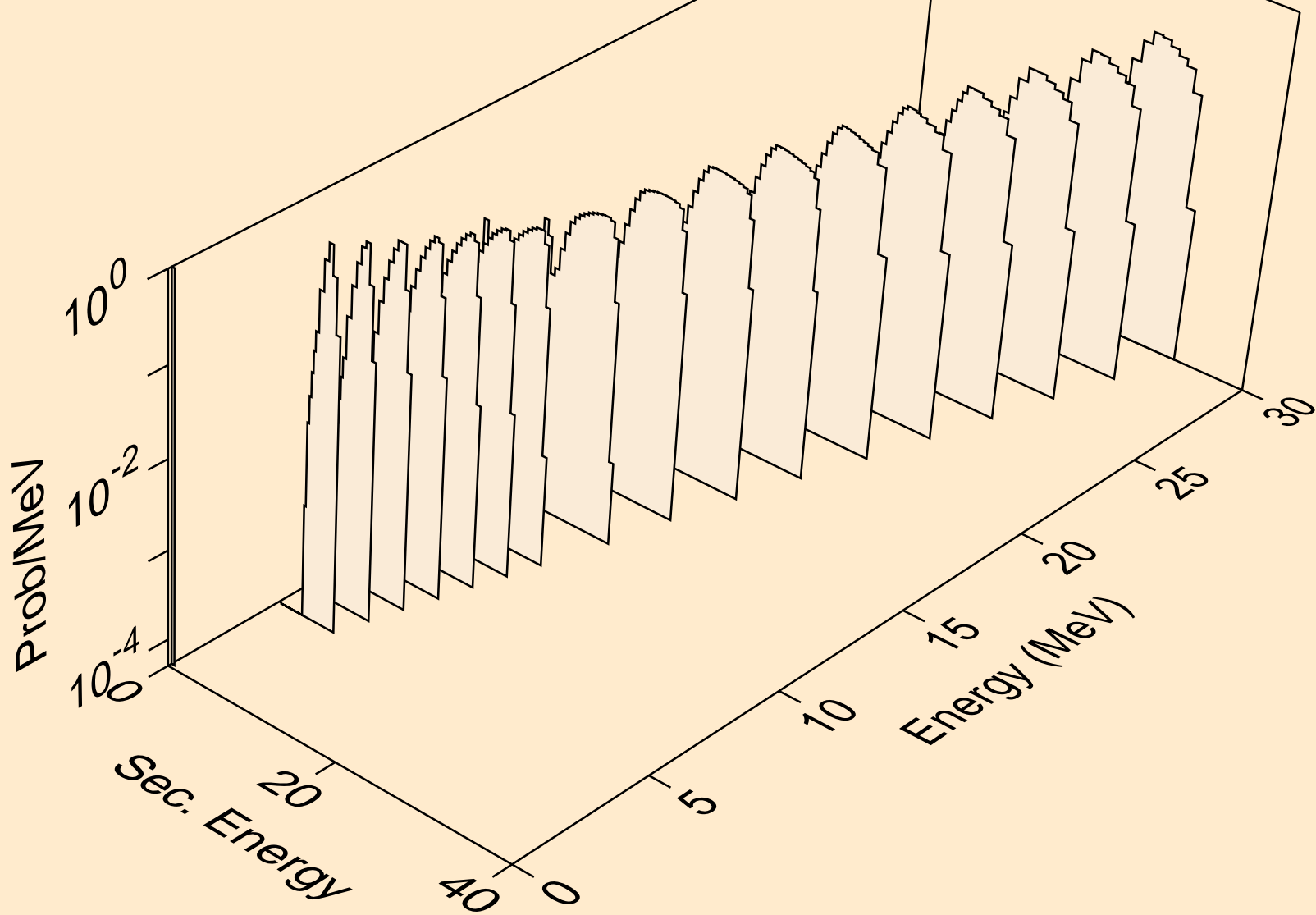
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



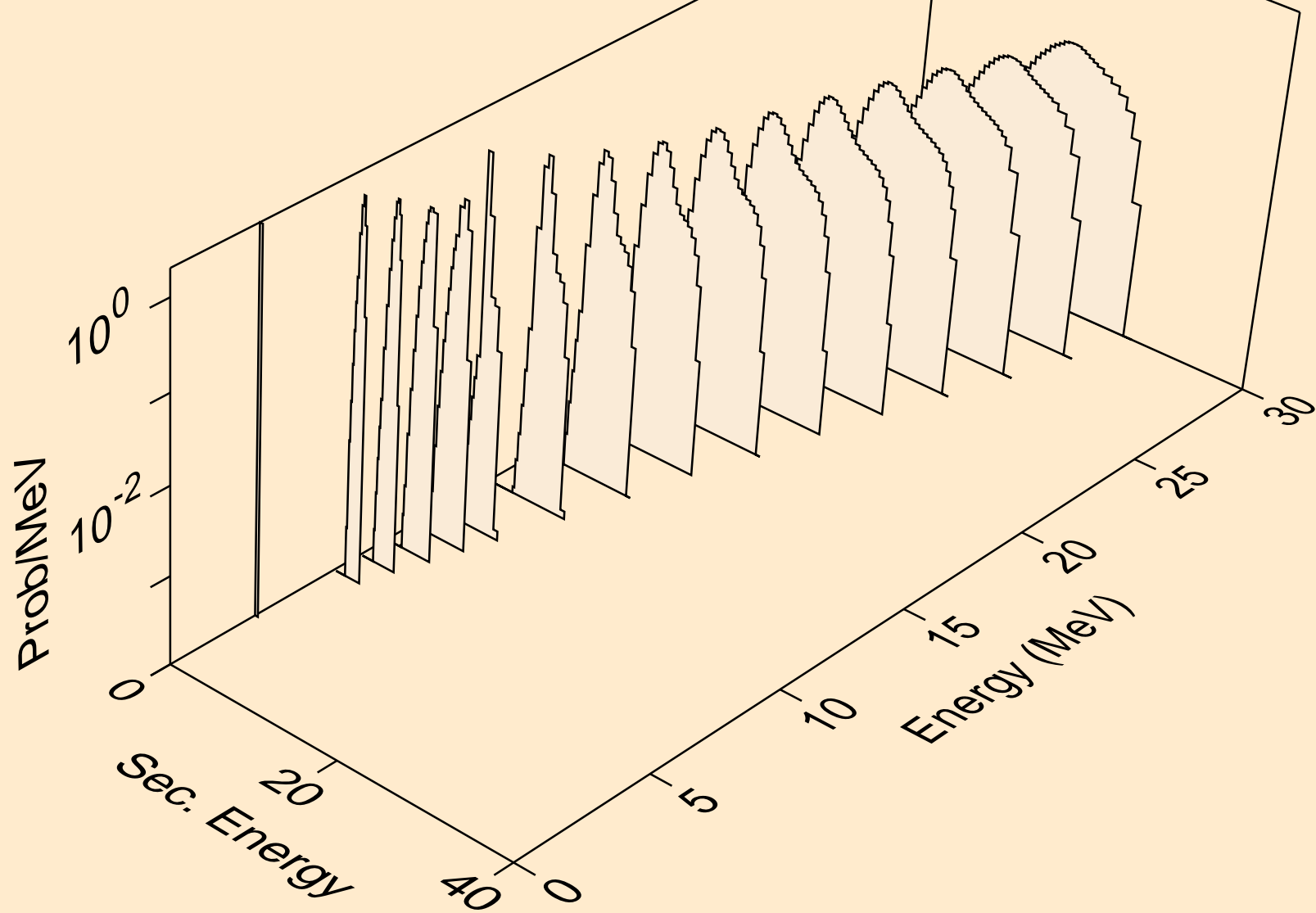
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



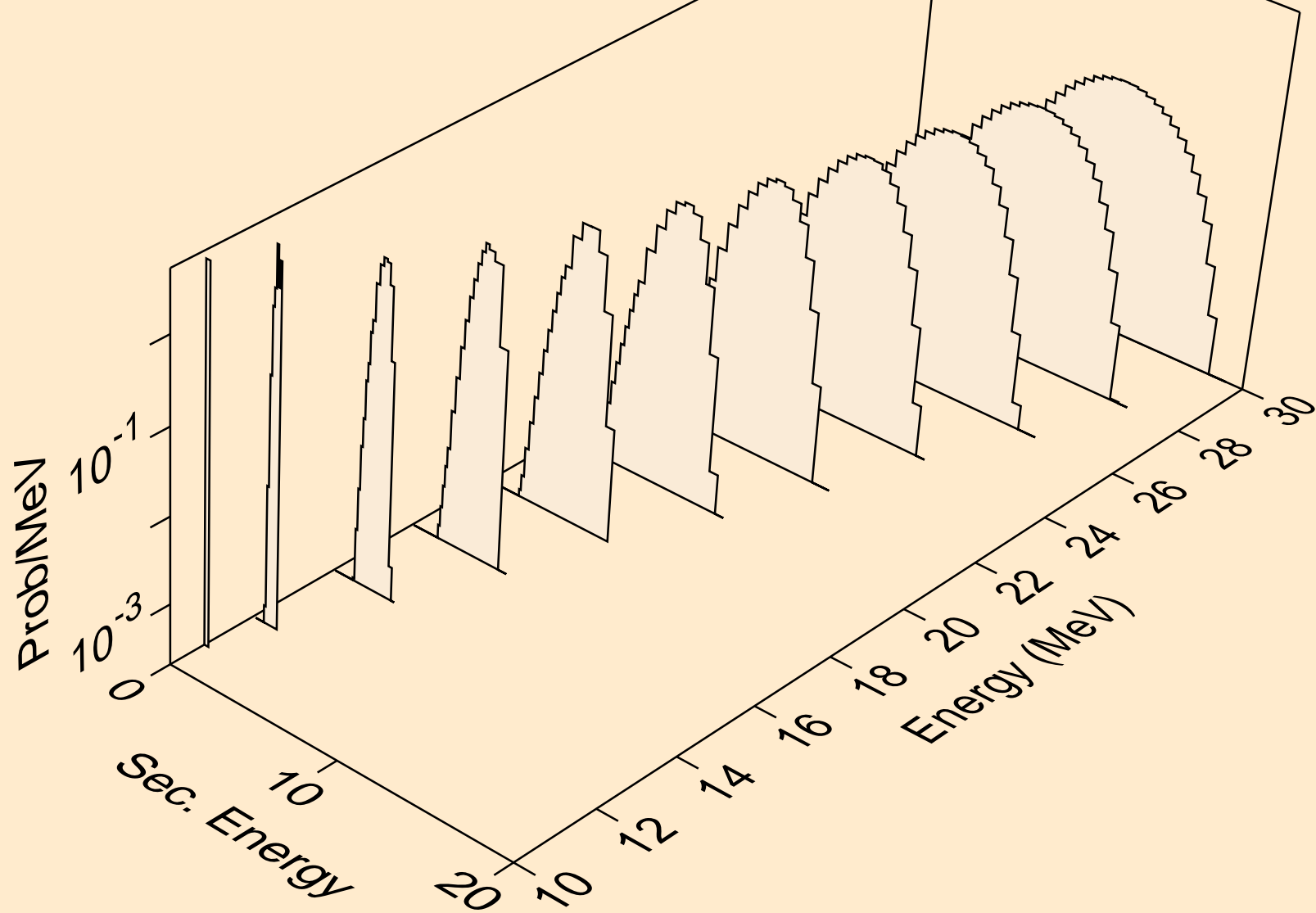
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



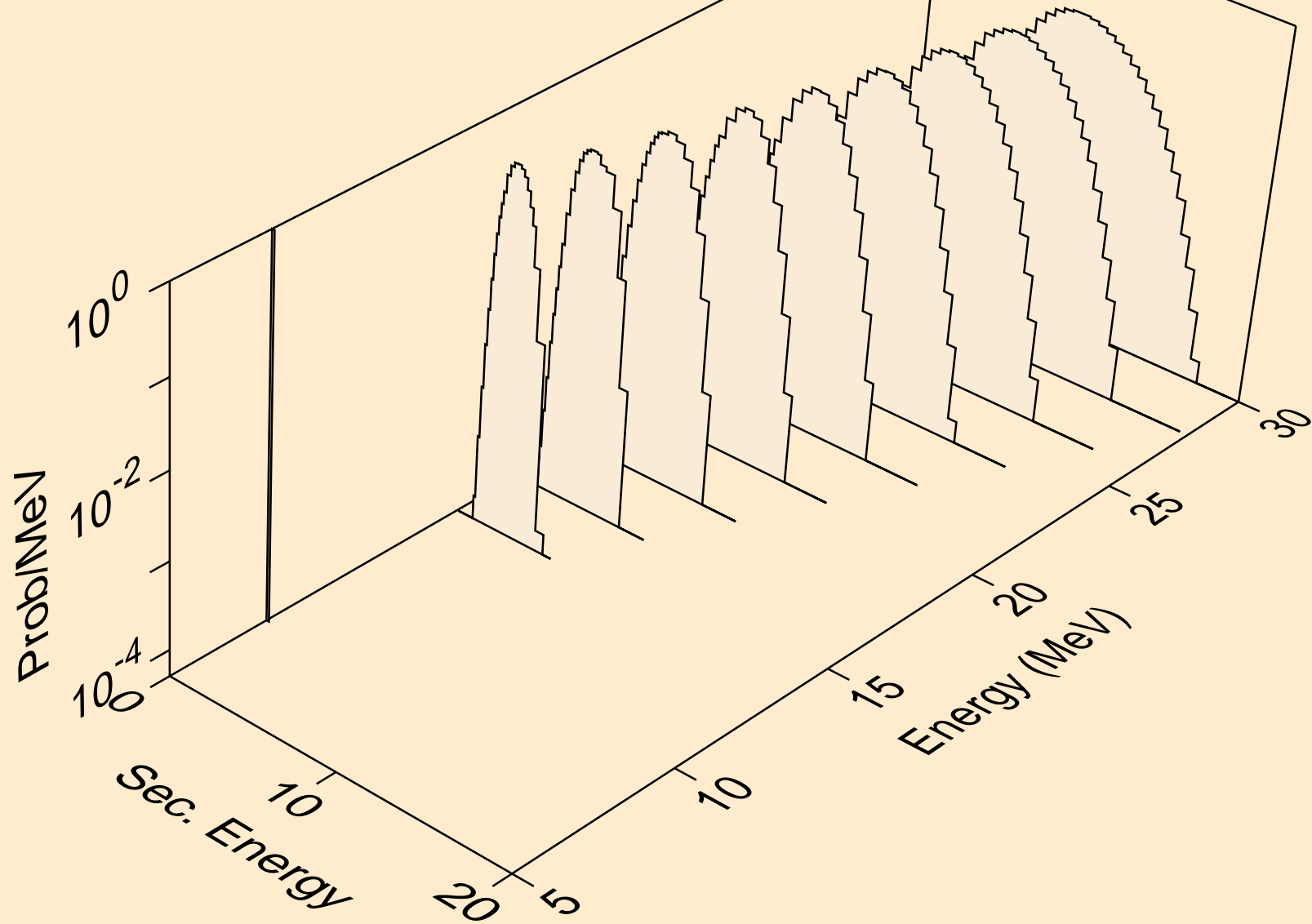
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



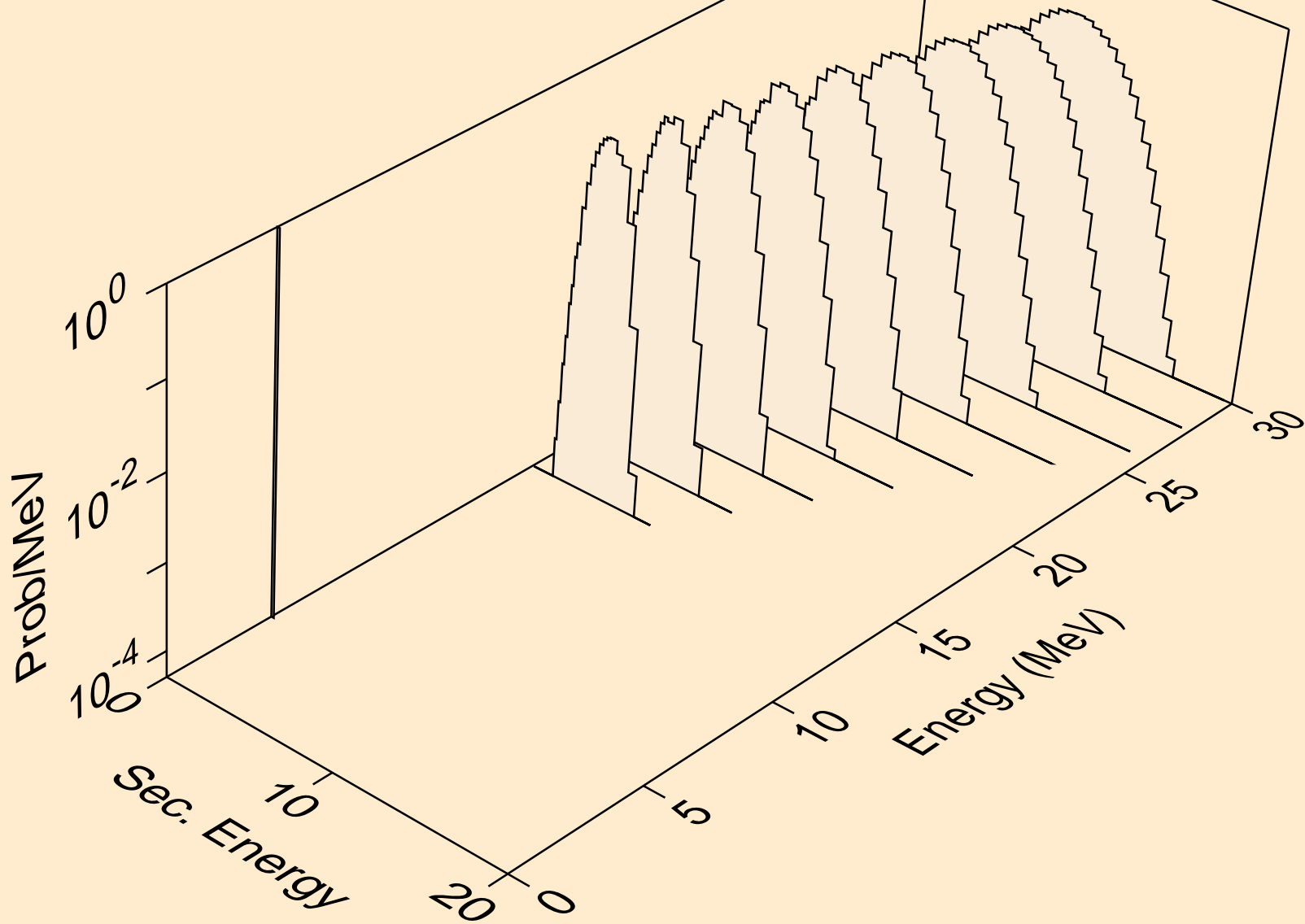
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



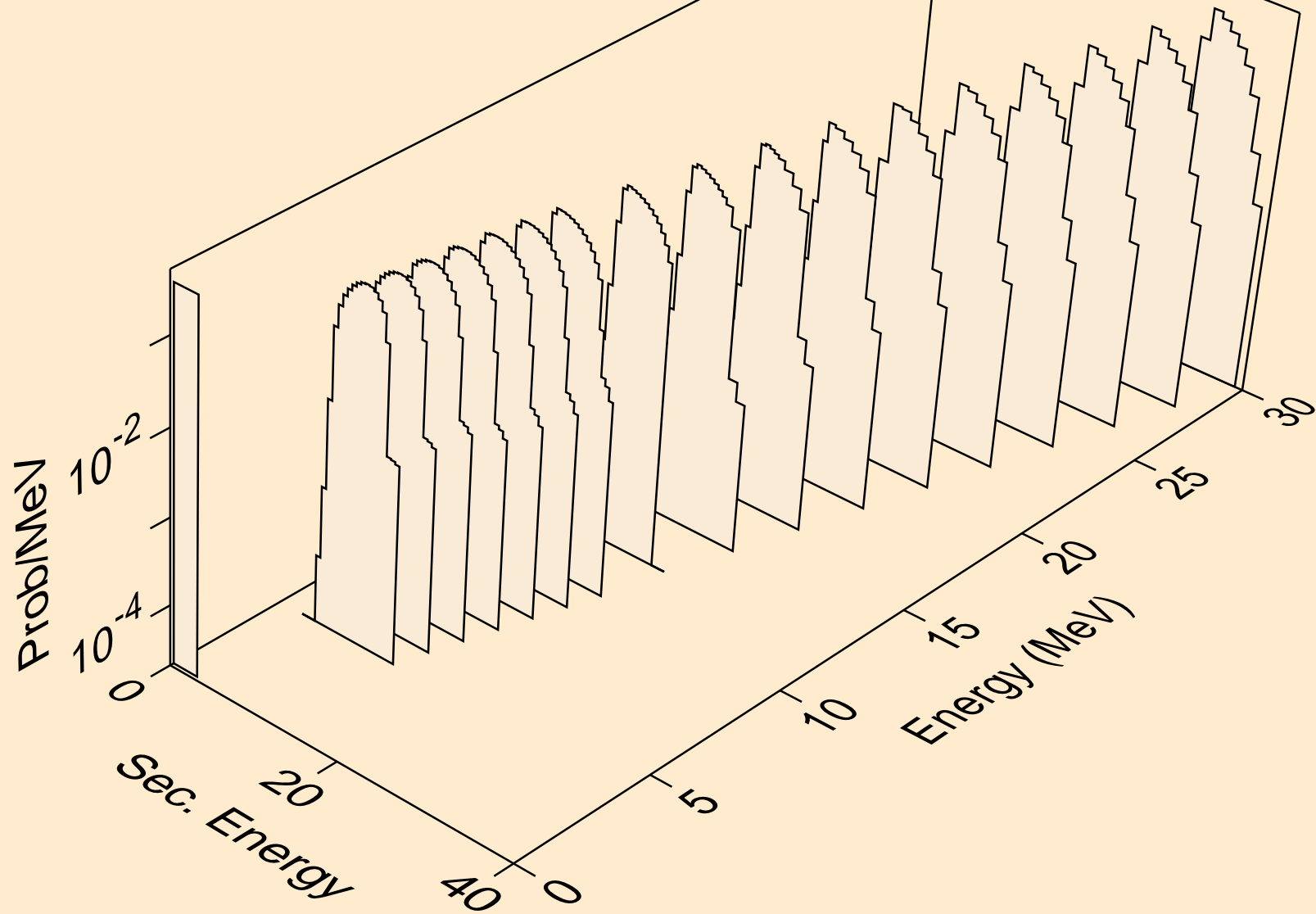
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



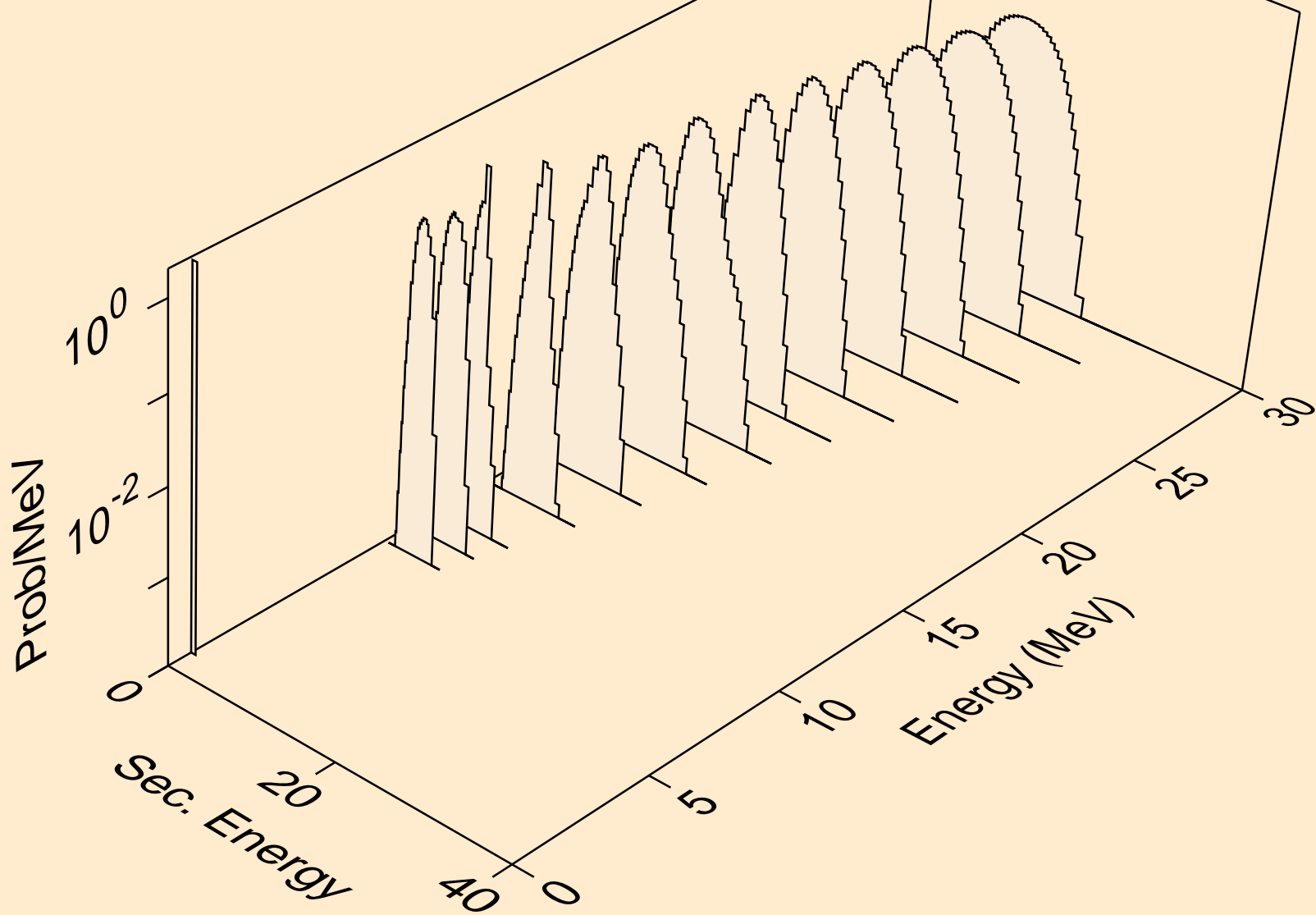
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



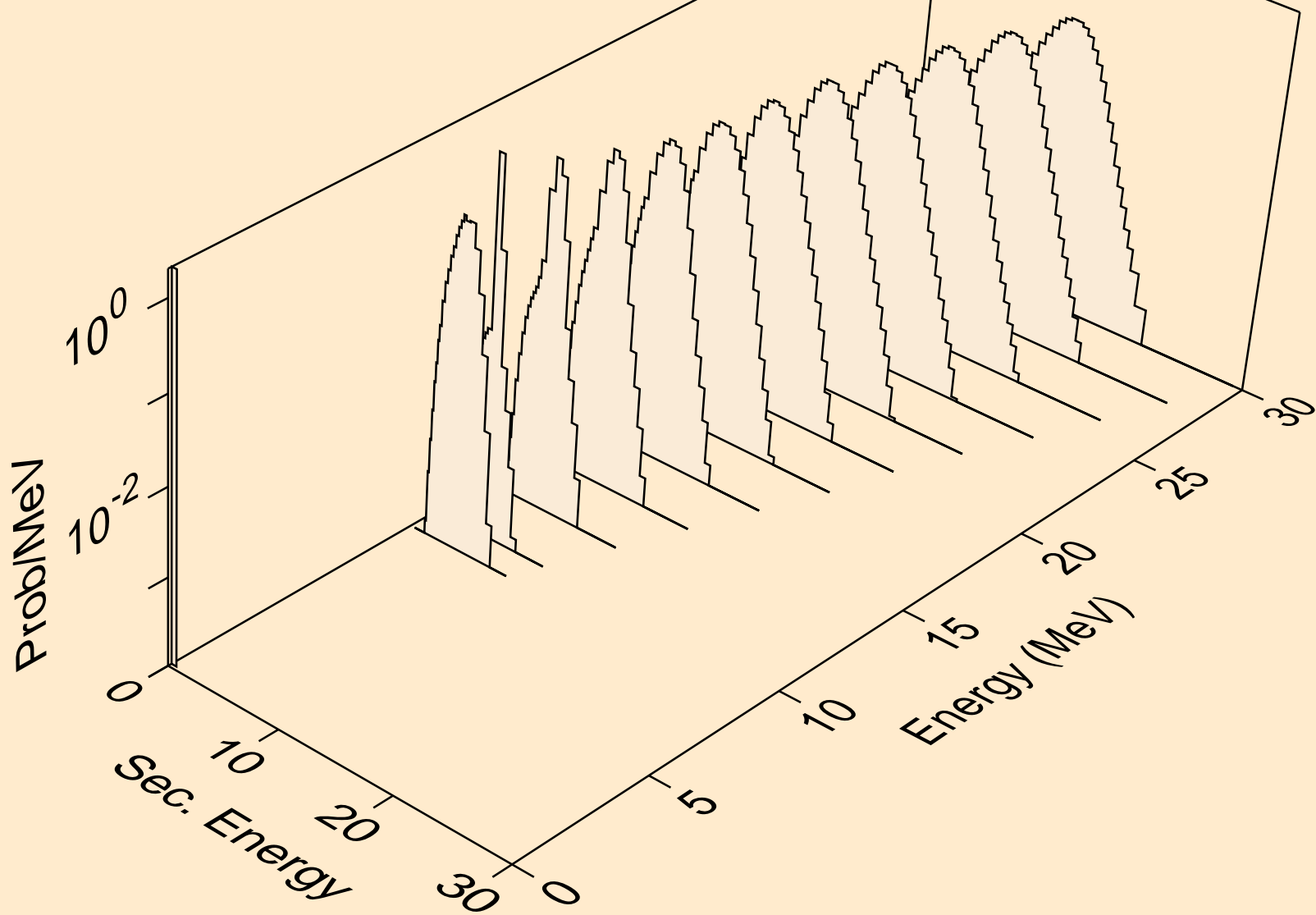
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



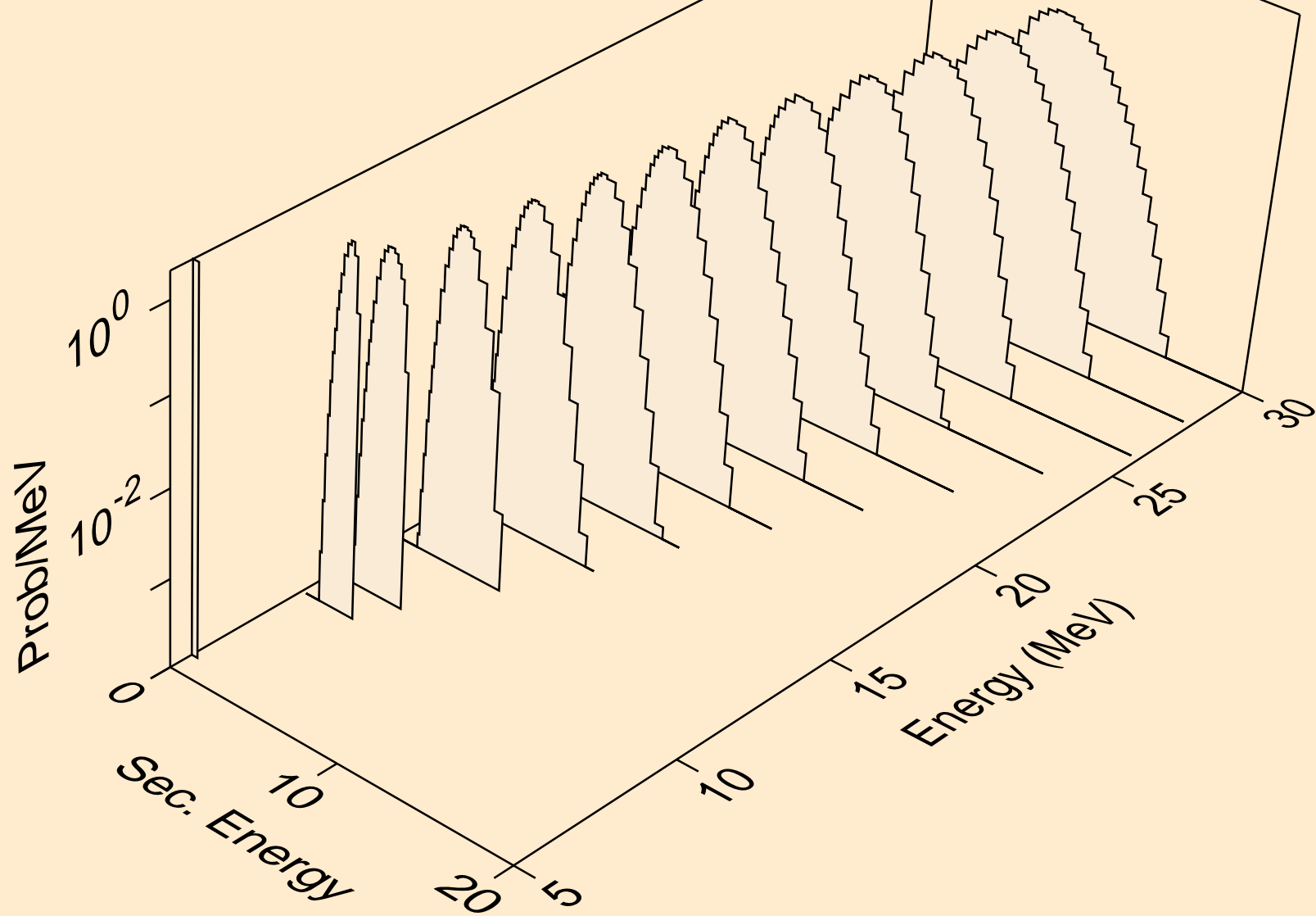
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



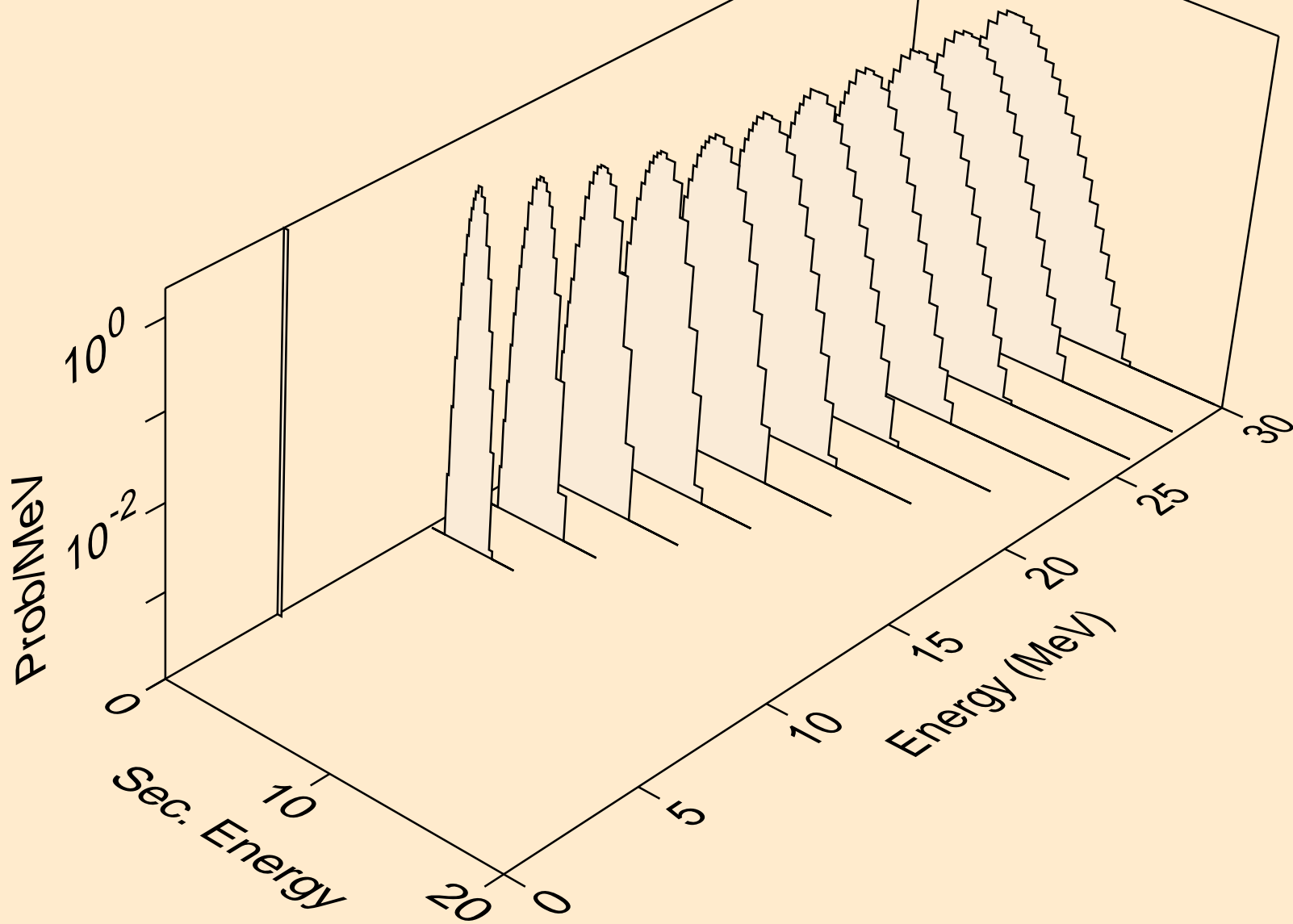
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



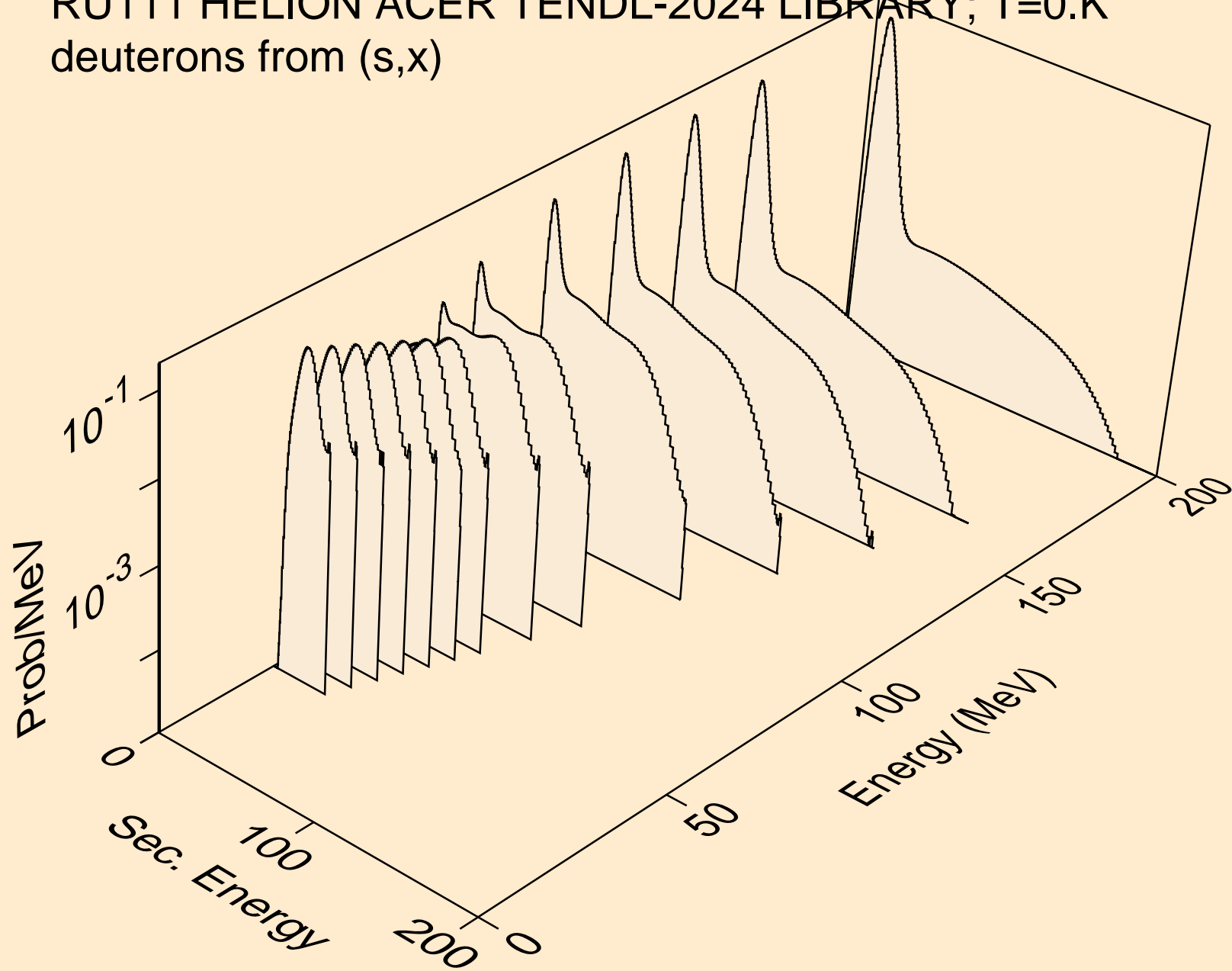
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)



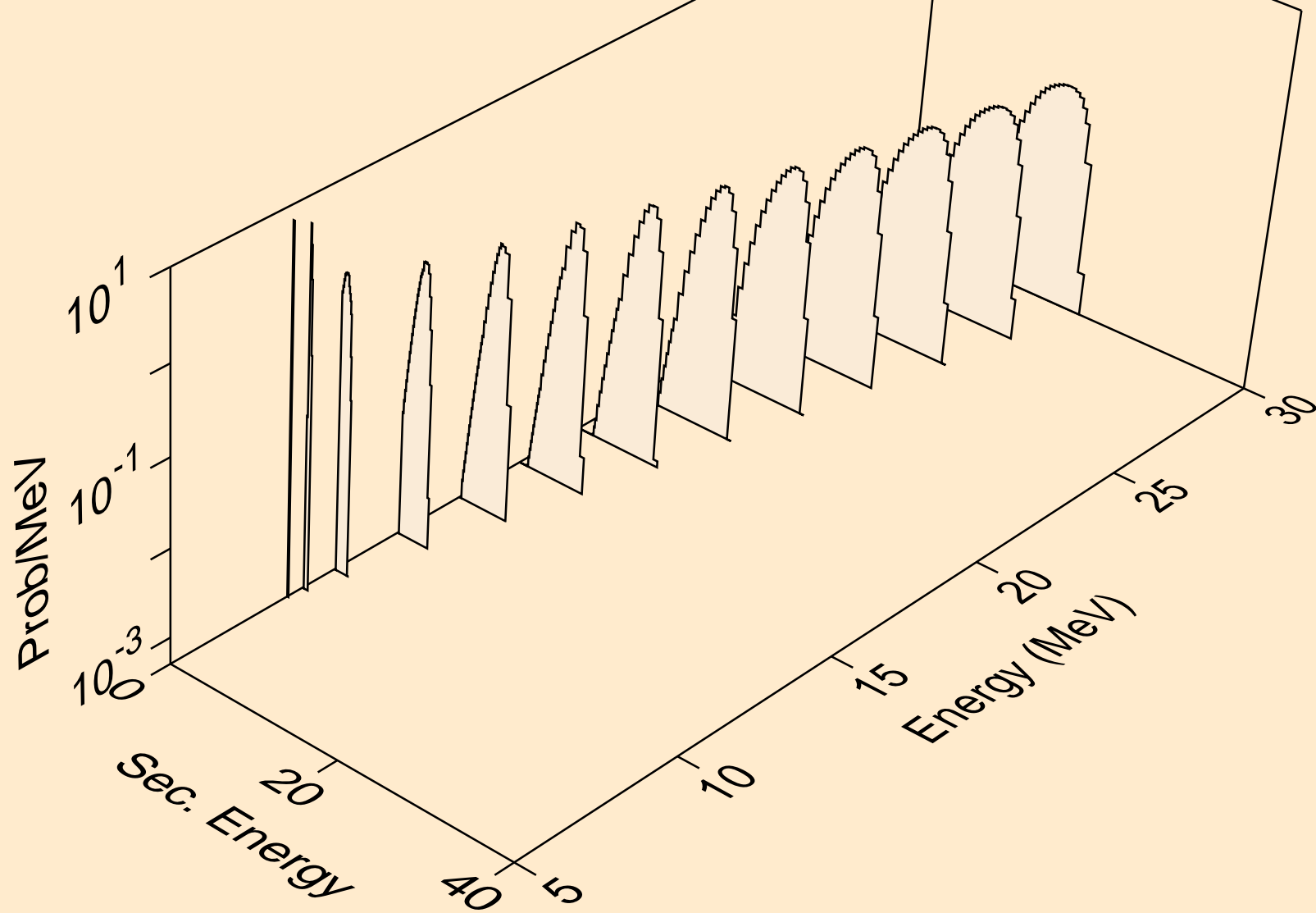
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



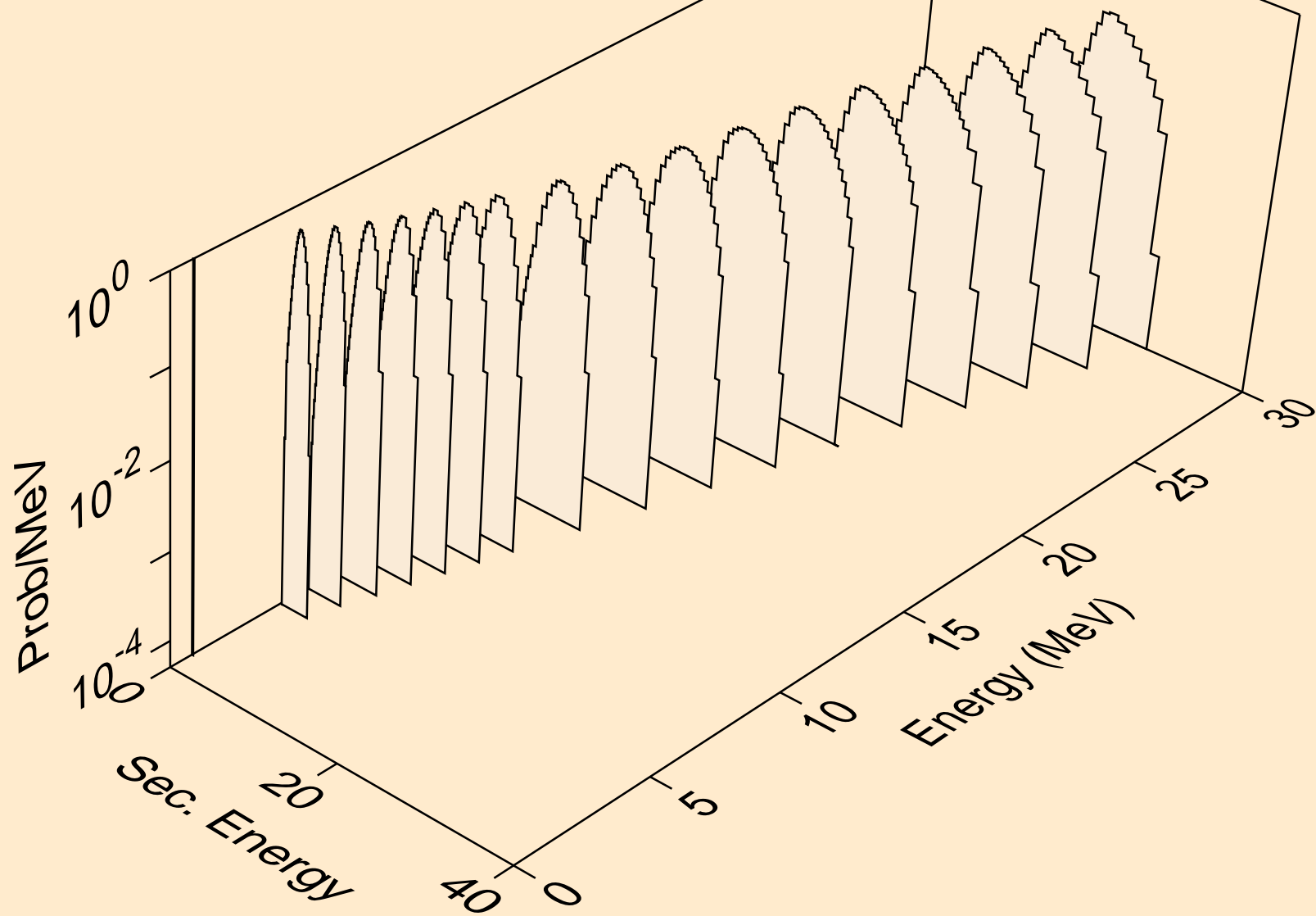
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



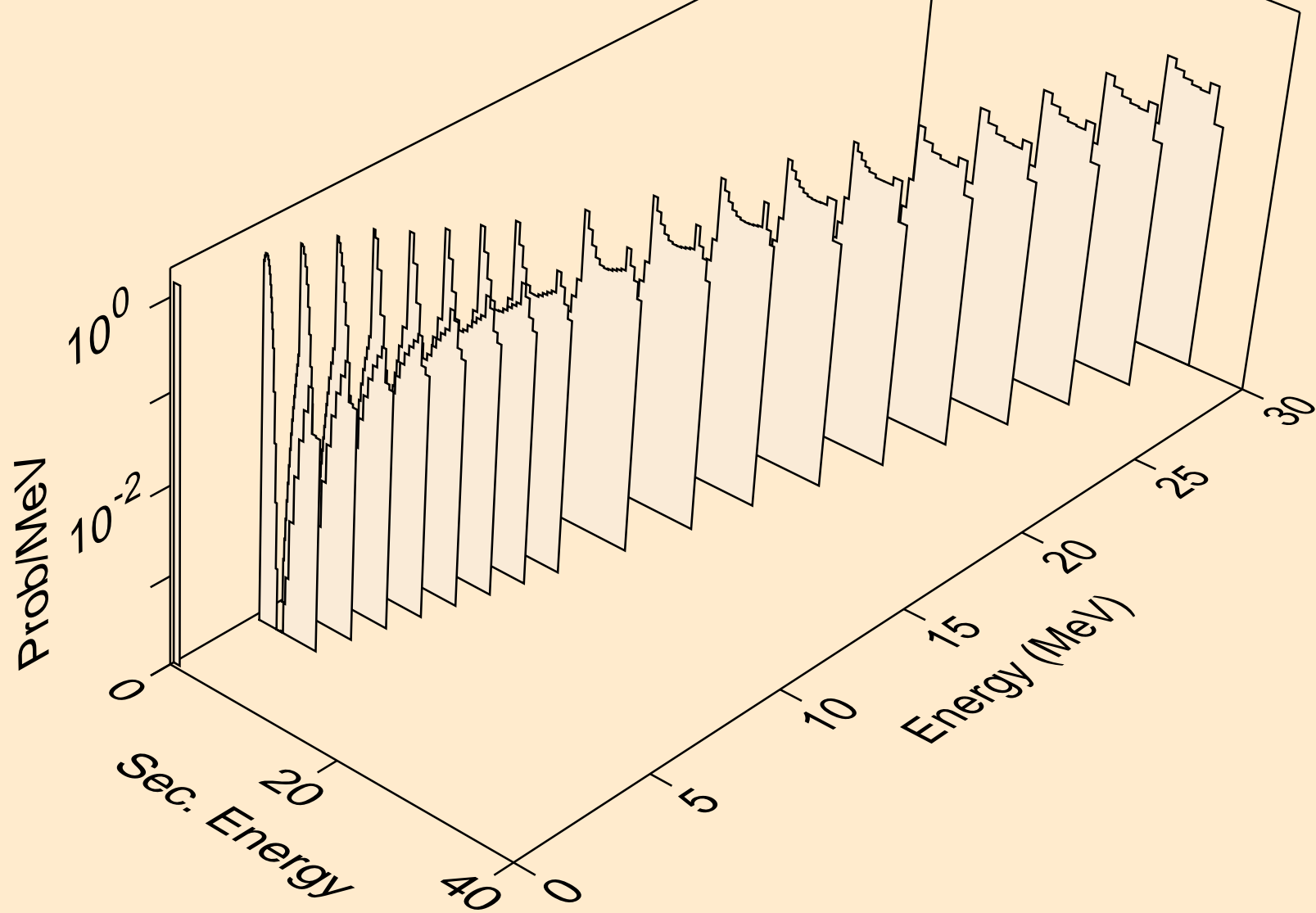
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,2nd)



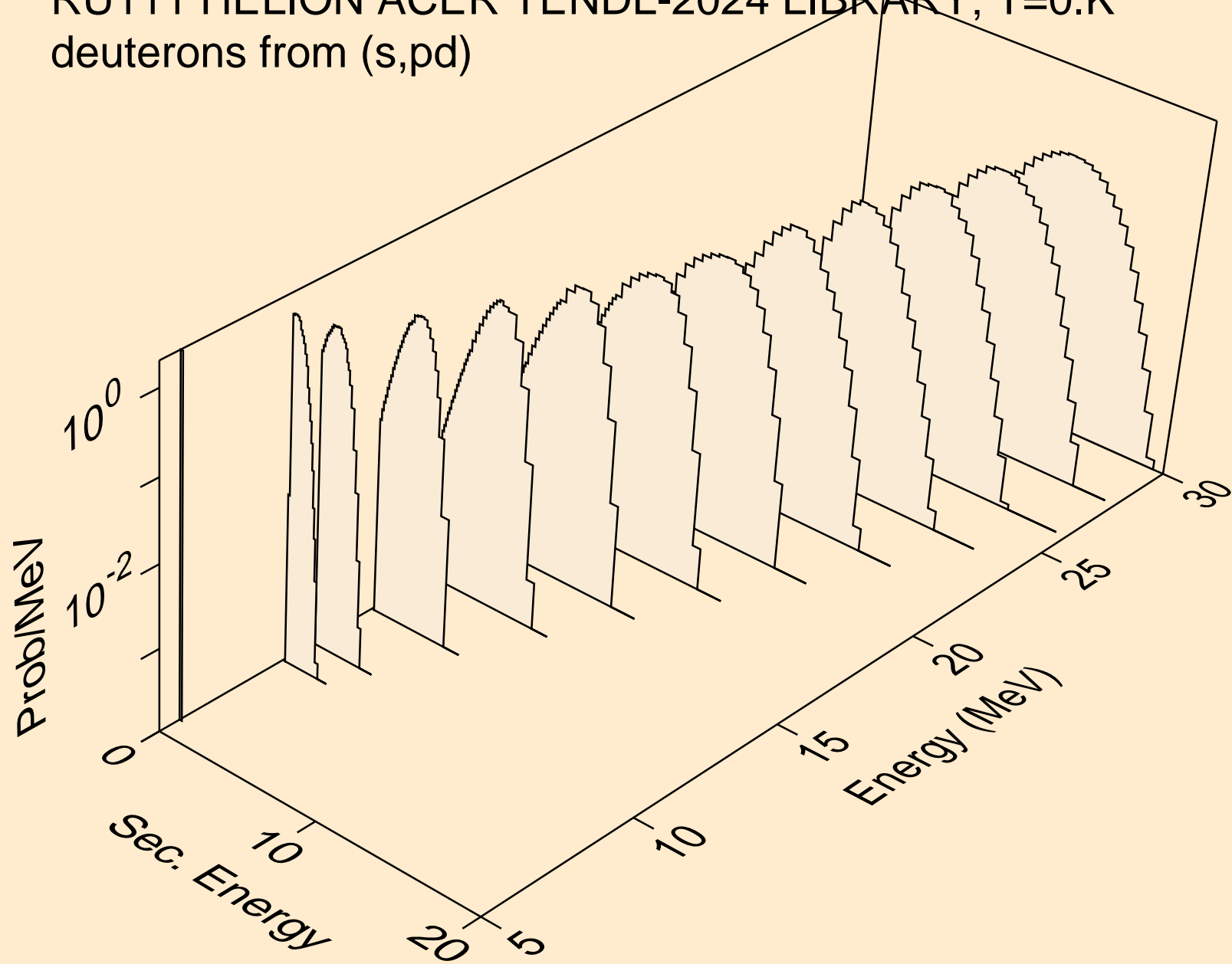
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



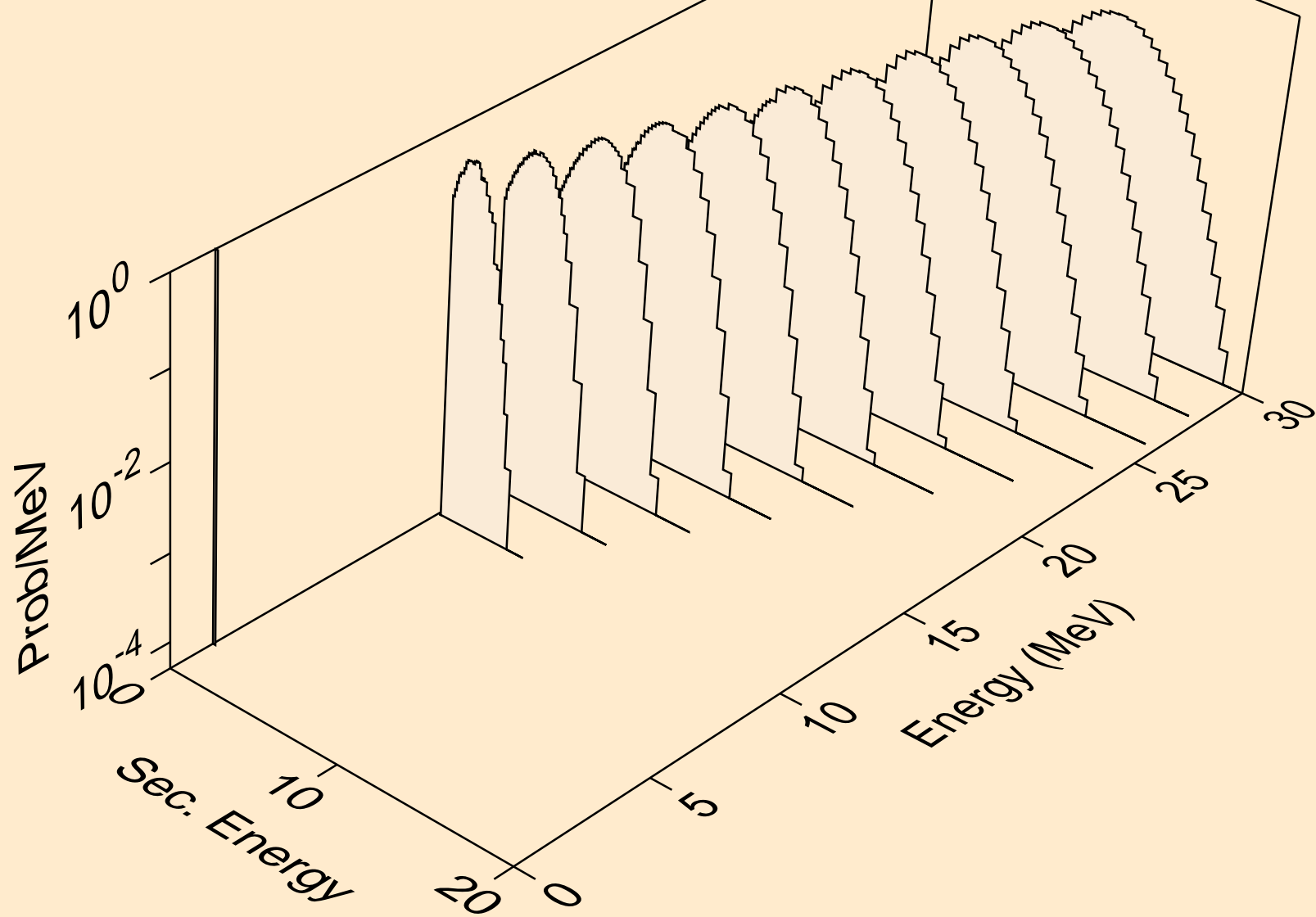
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



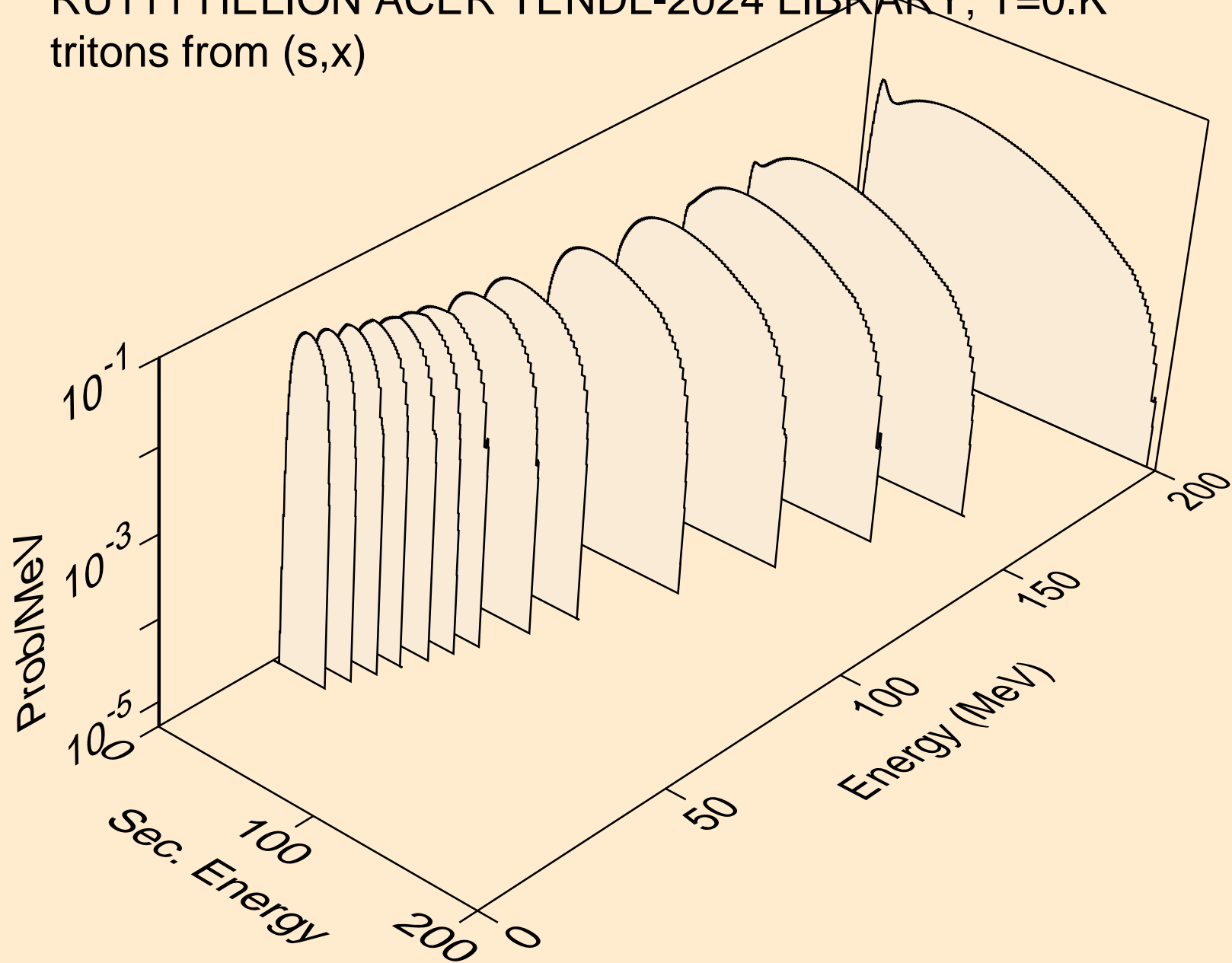
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



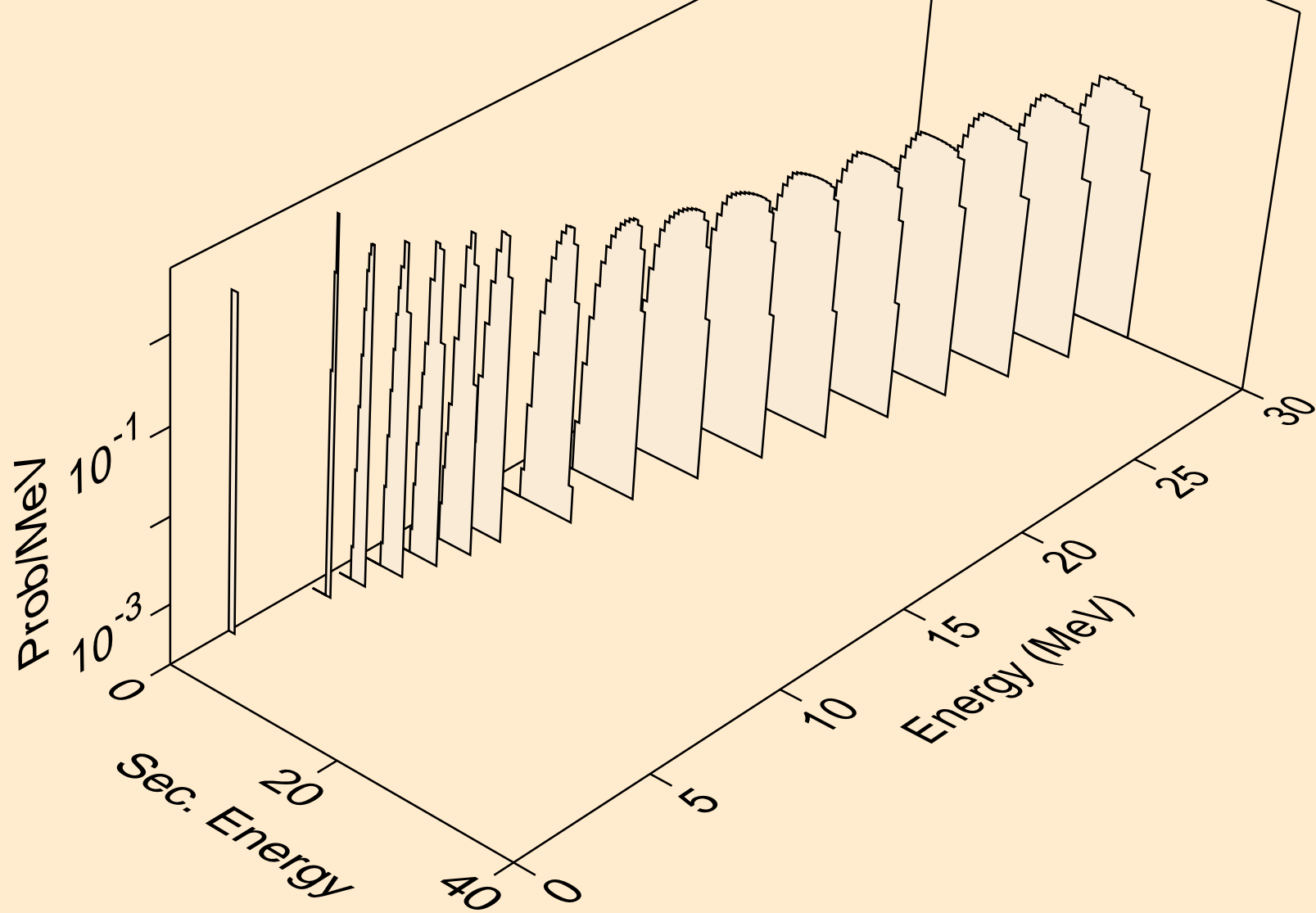
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)



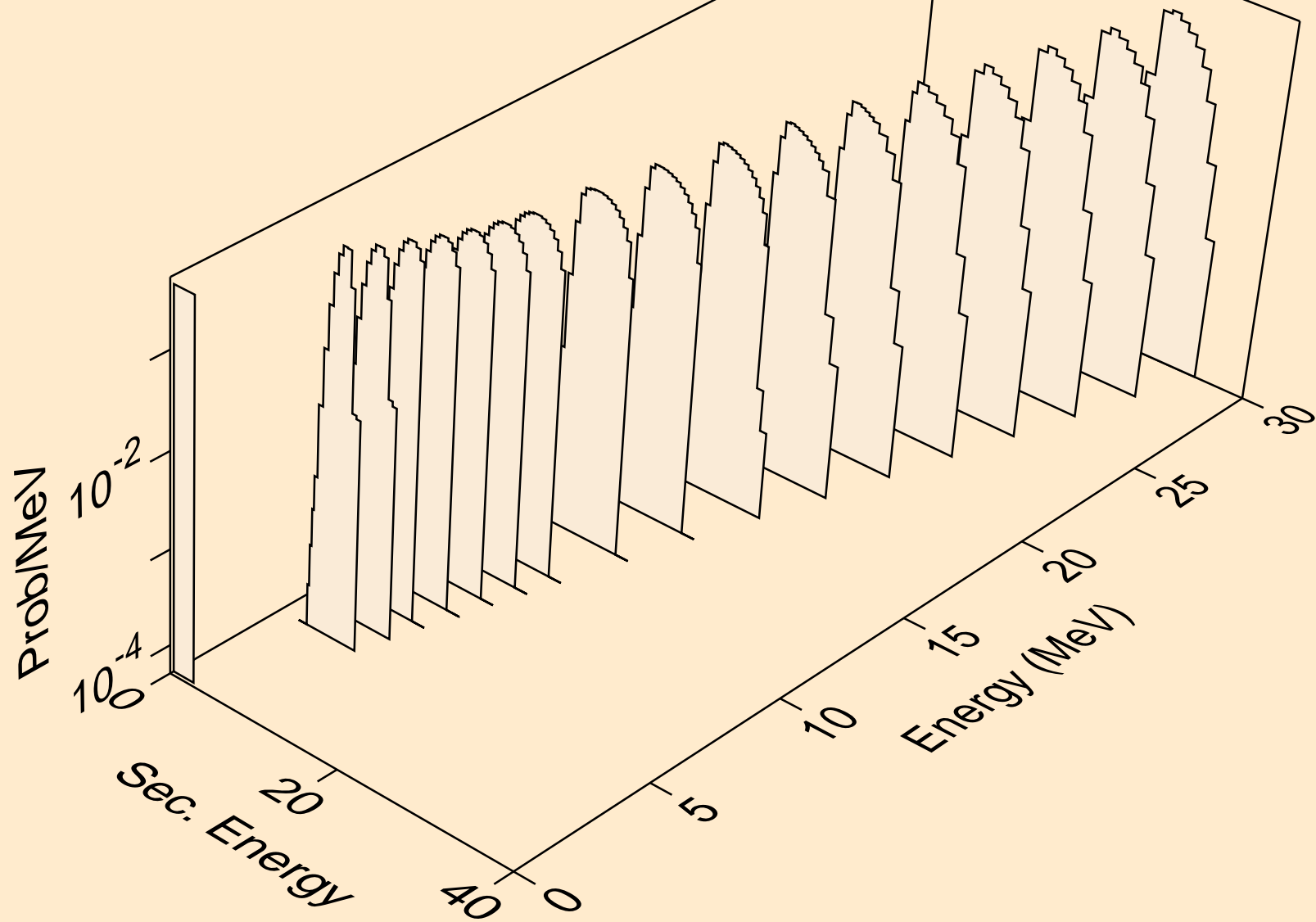
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



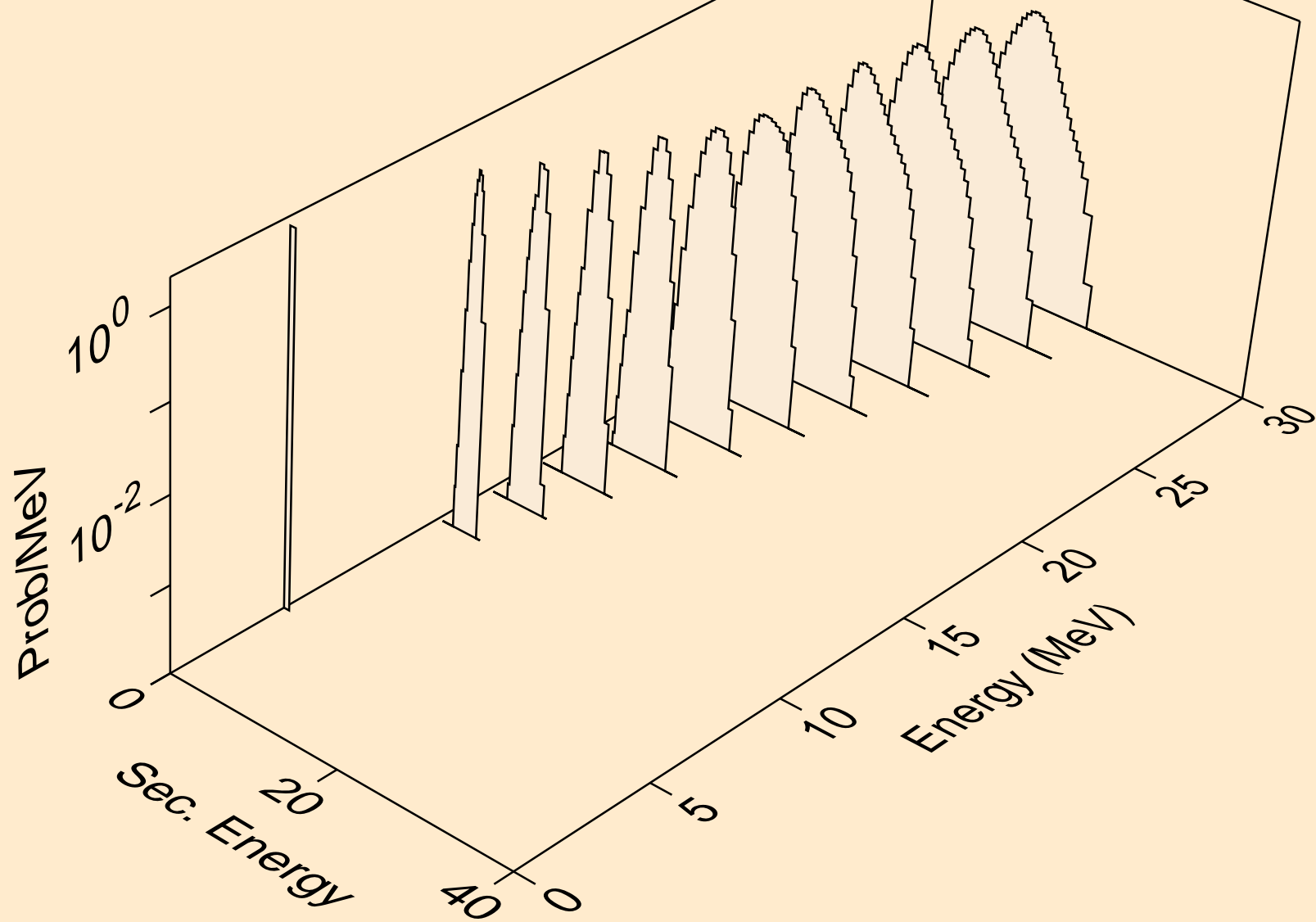
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



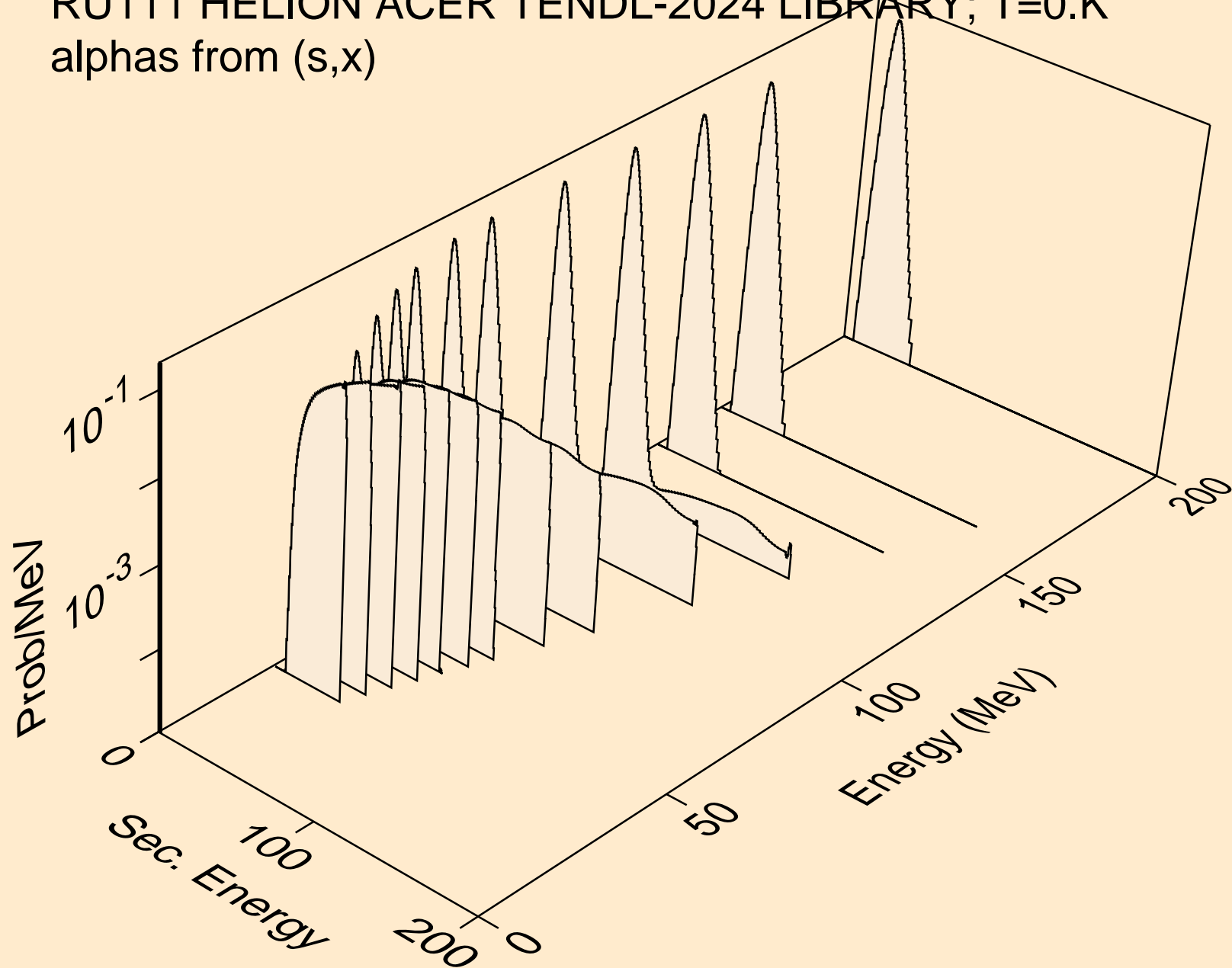
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)



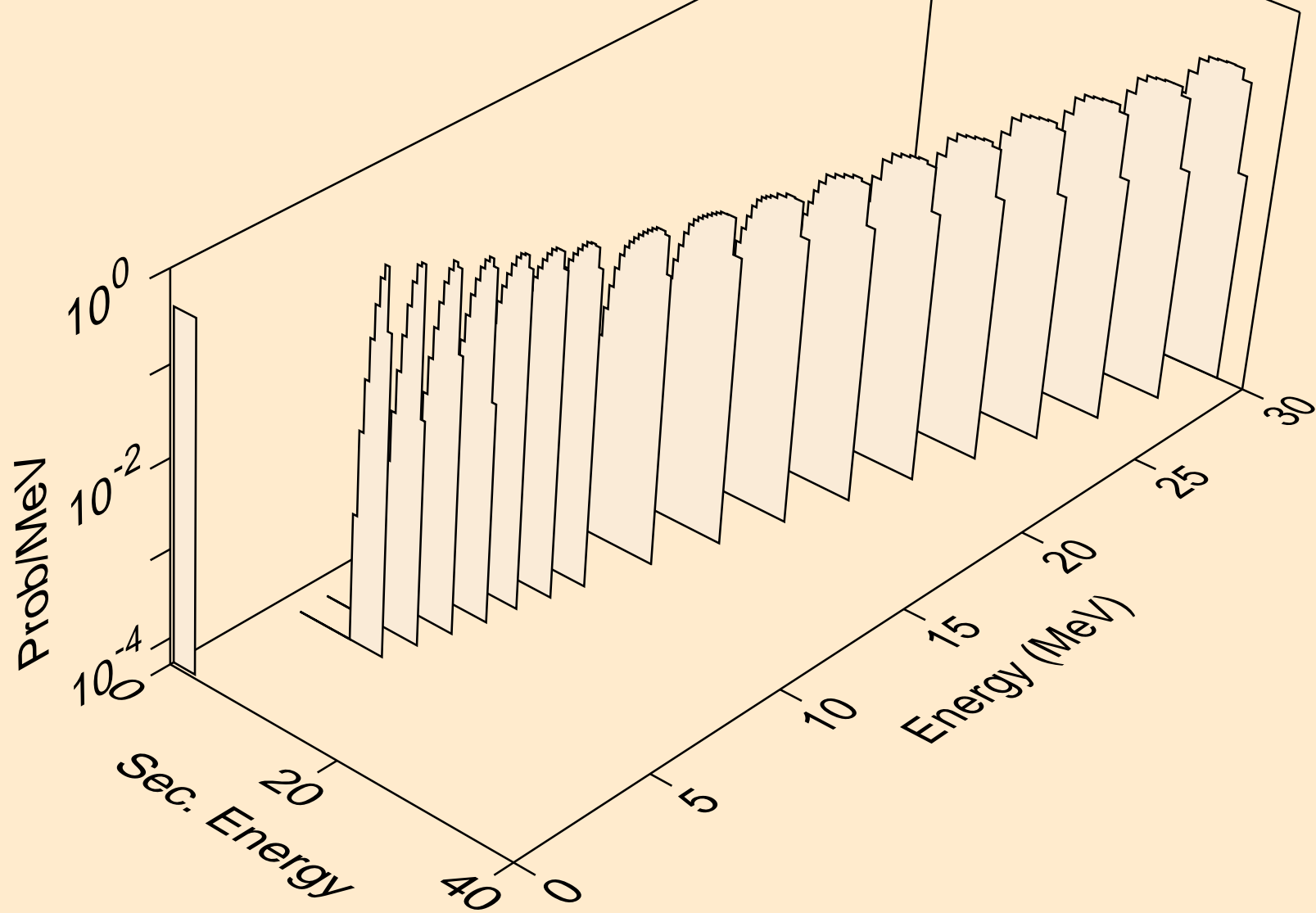
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,pt)



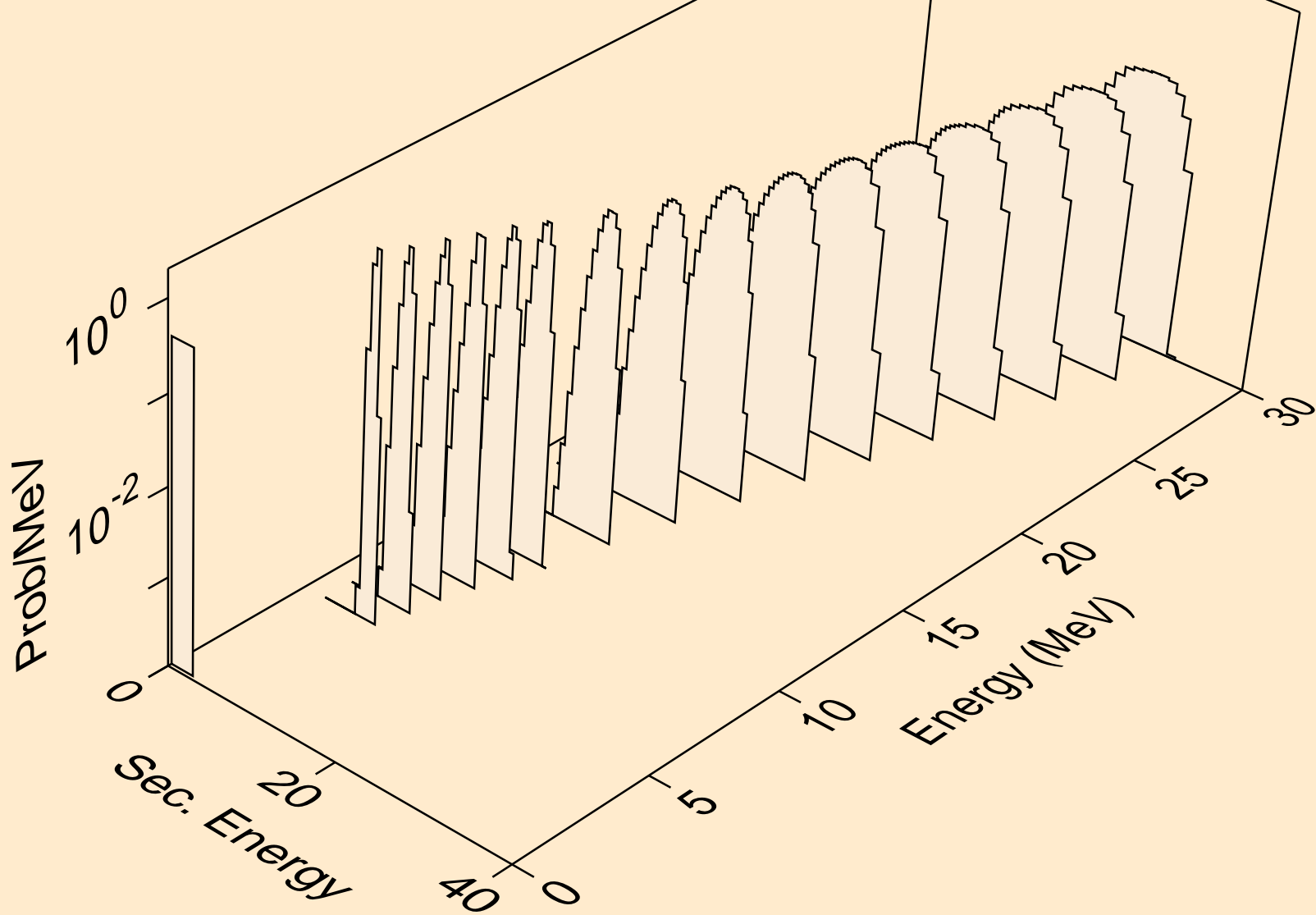
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



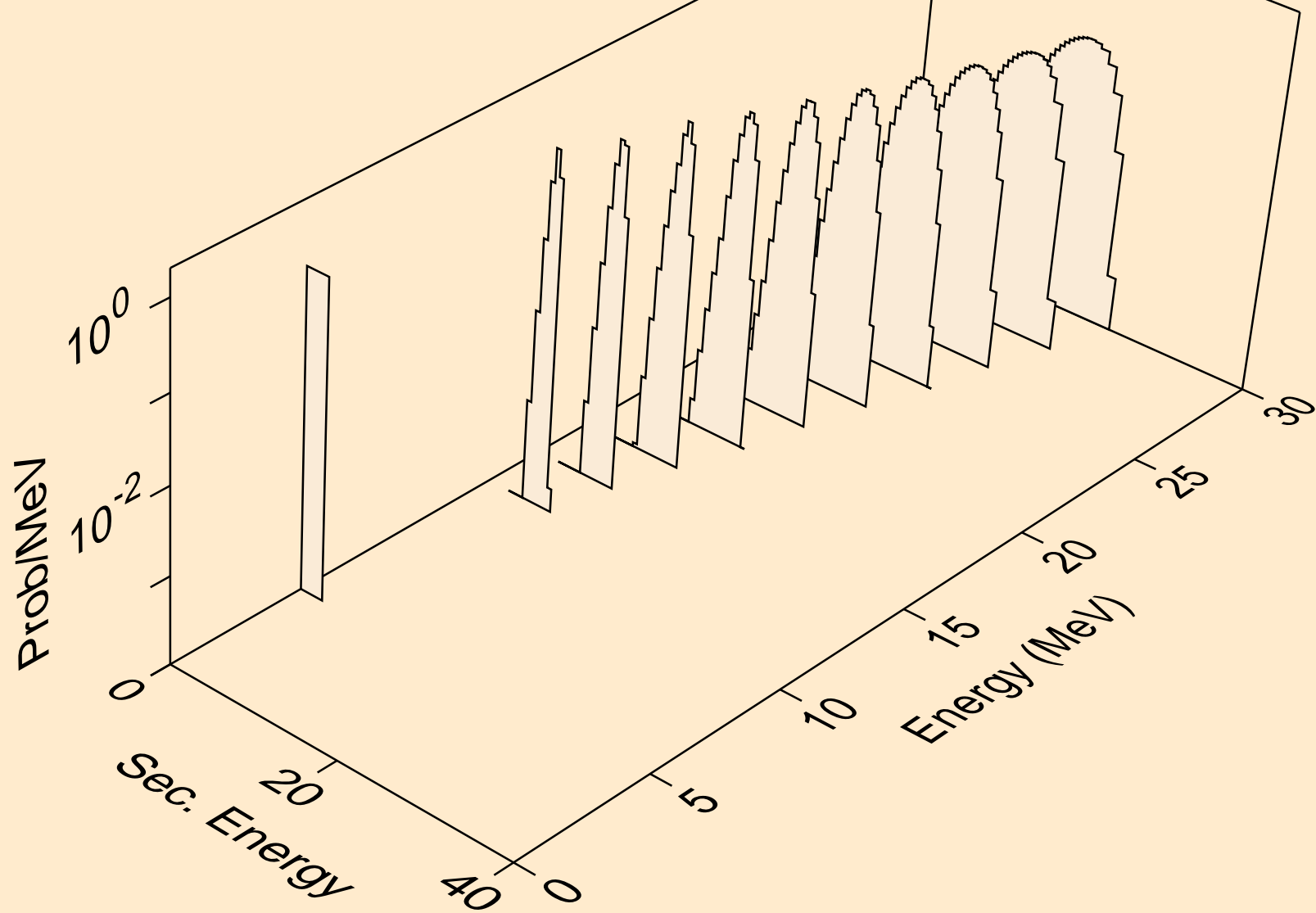
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



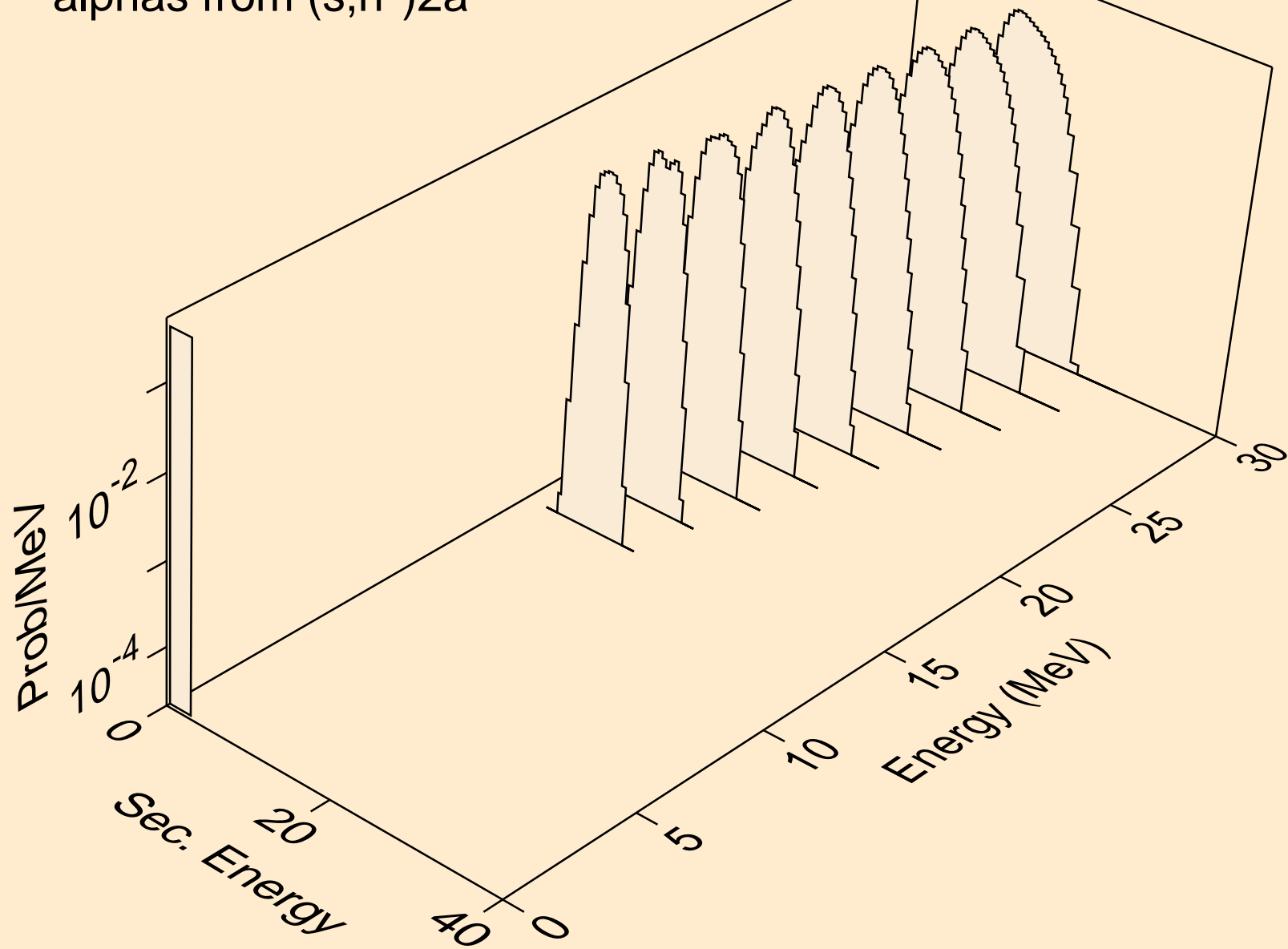
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



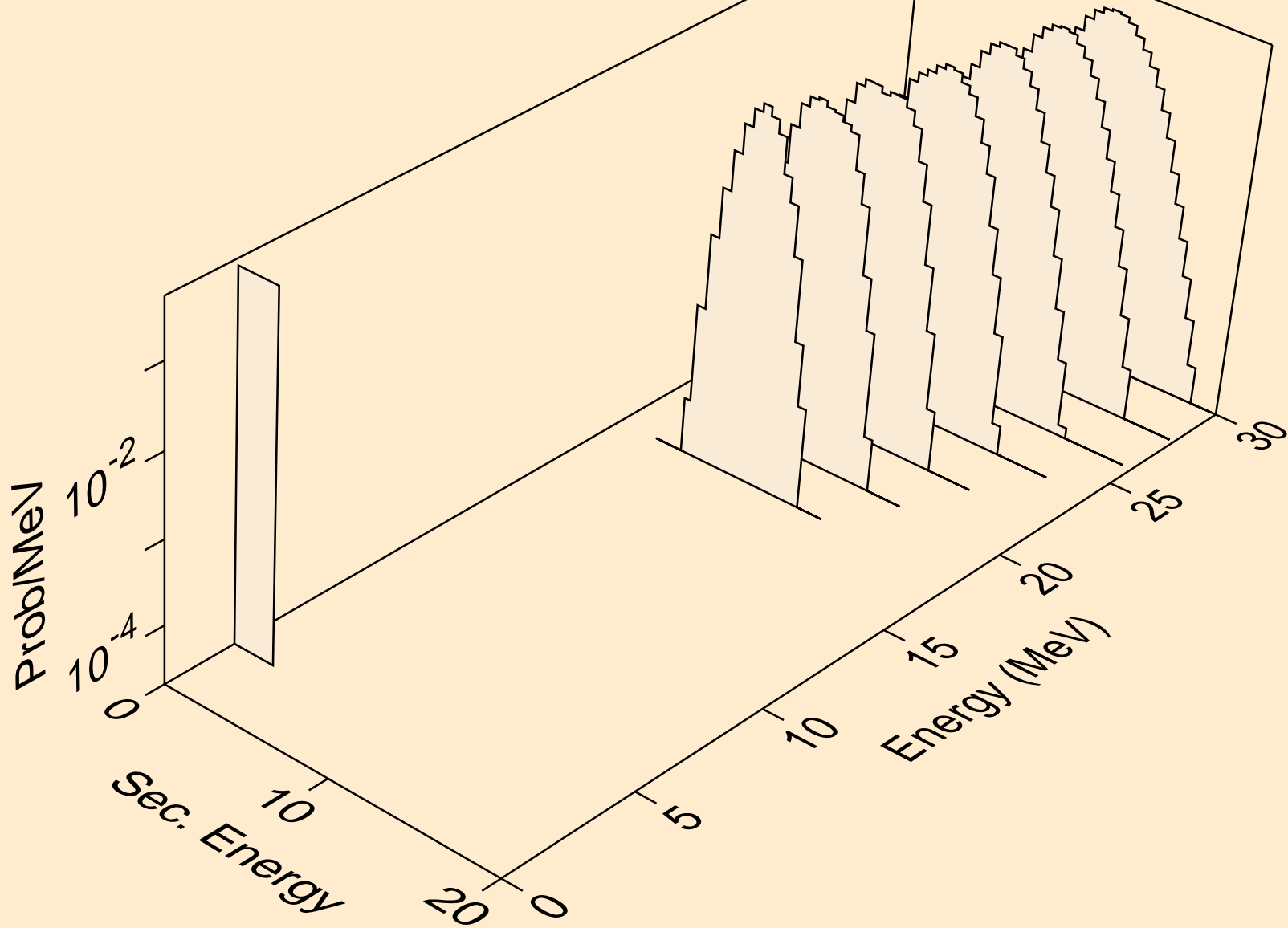
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



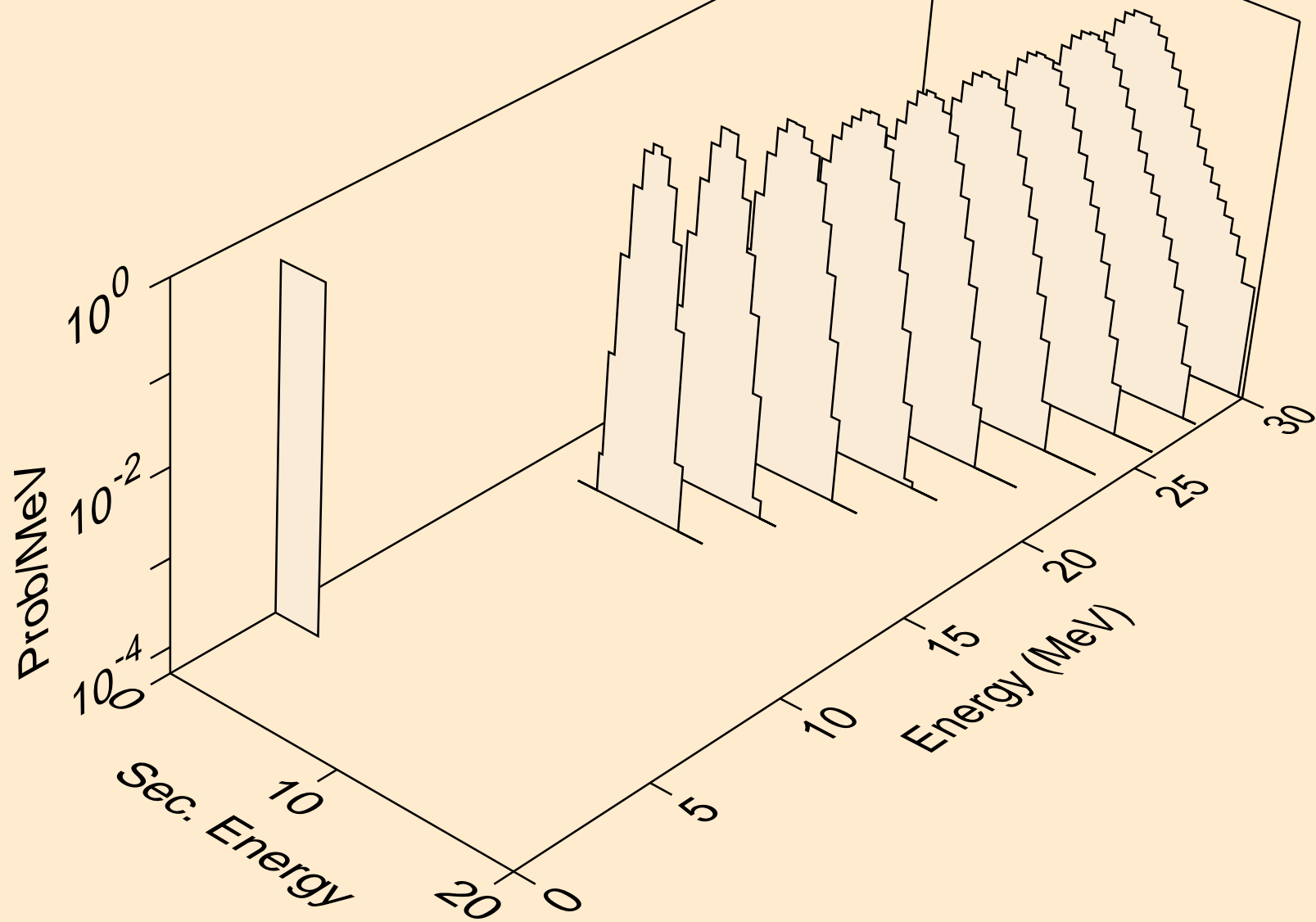
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a



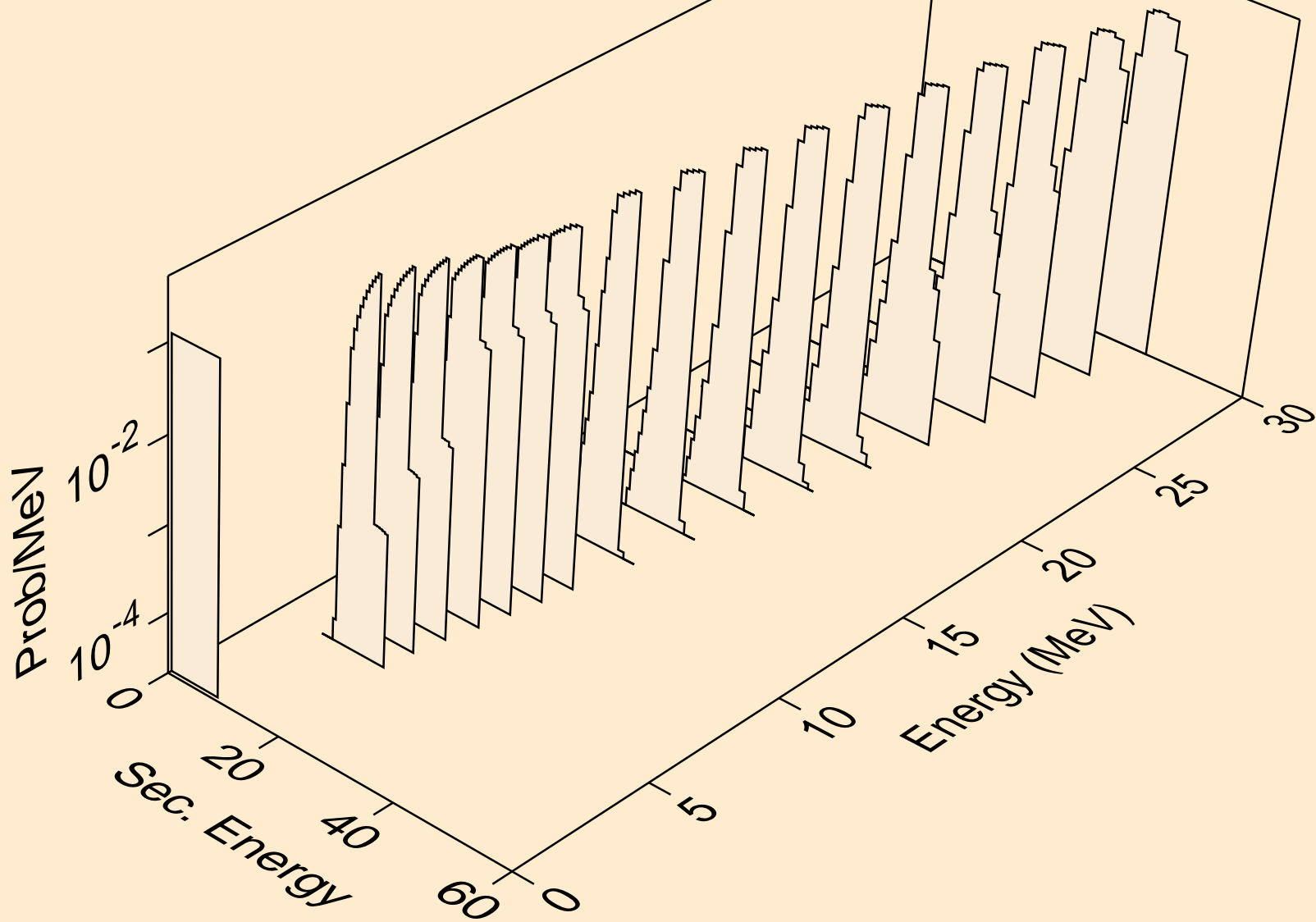
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)2a



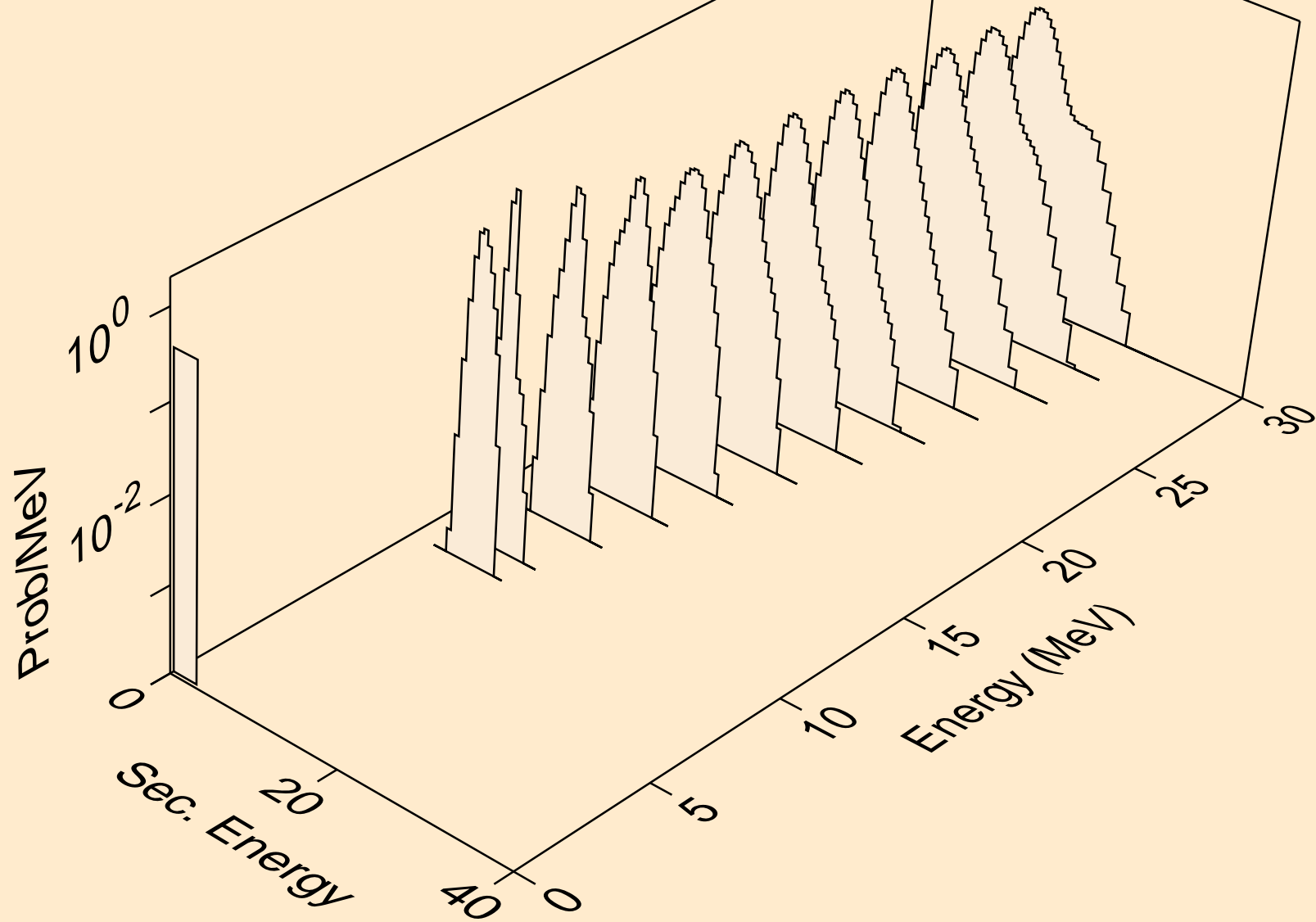
RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



RU111 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

