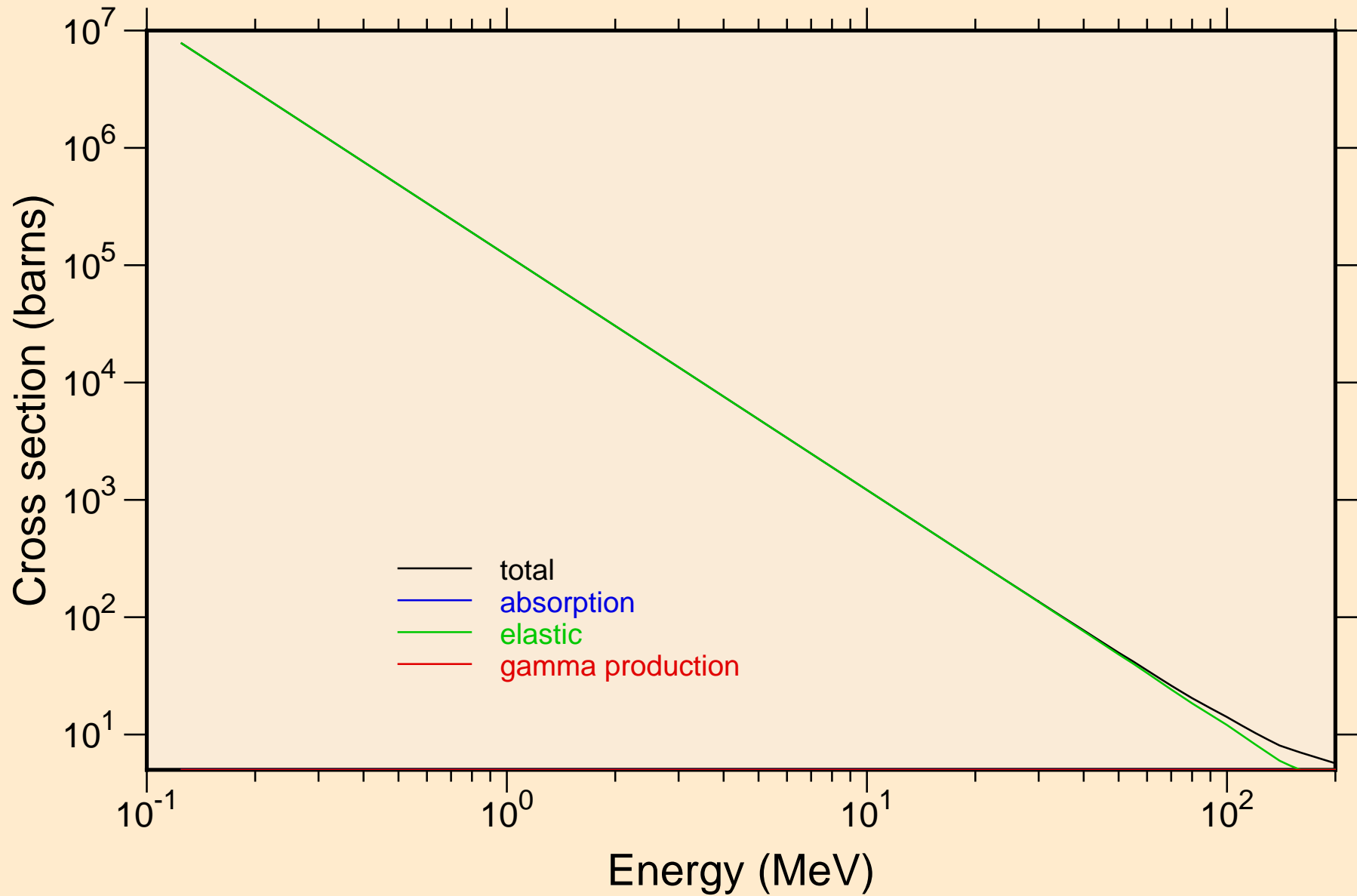


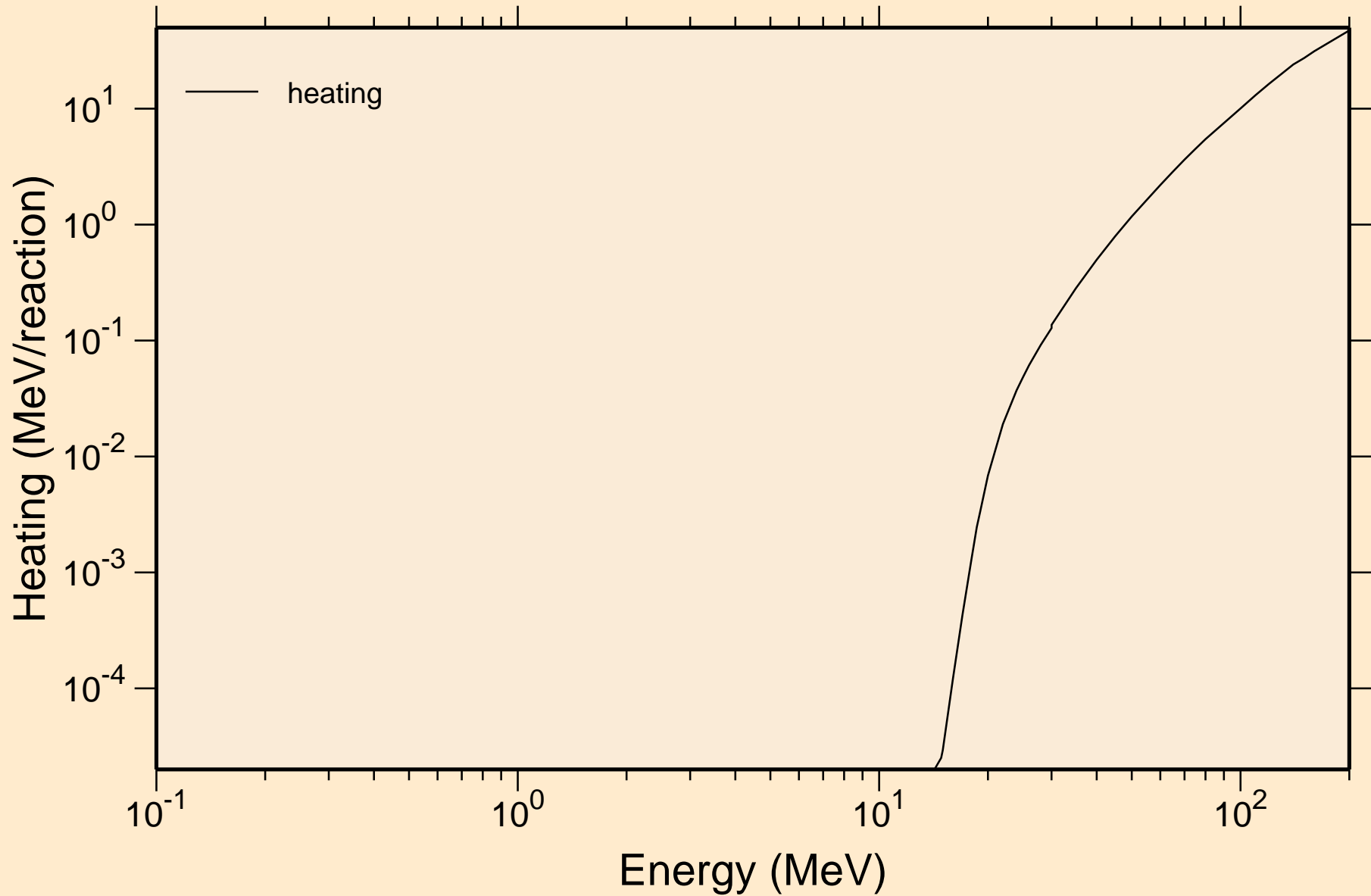
# TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



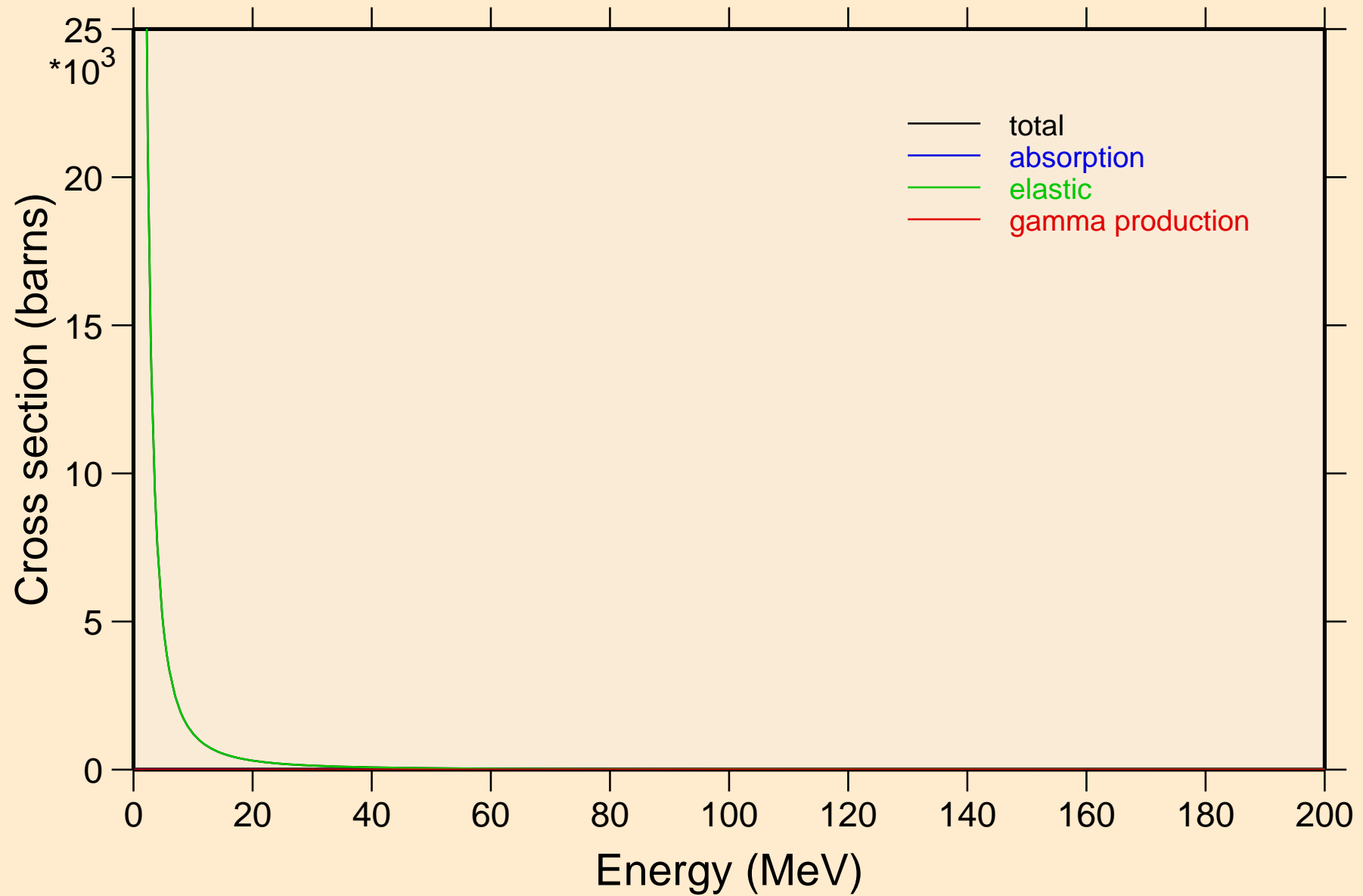
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



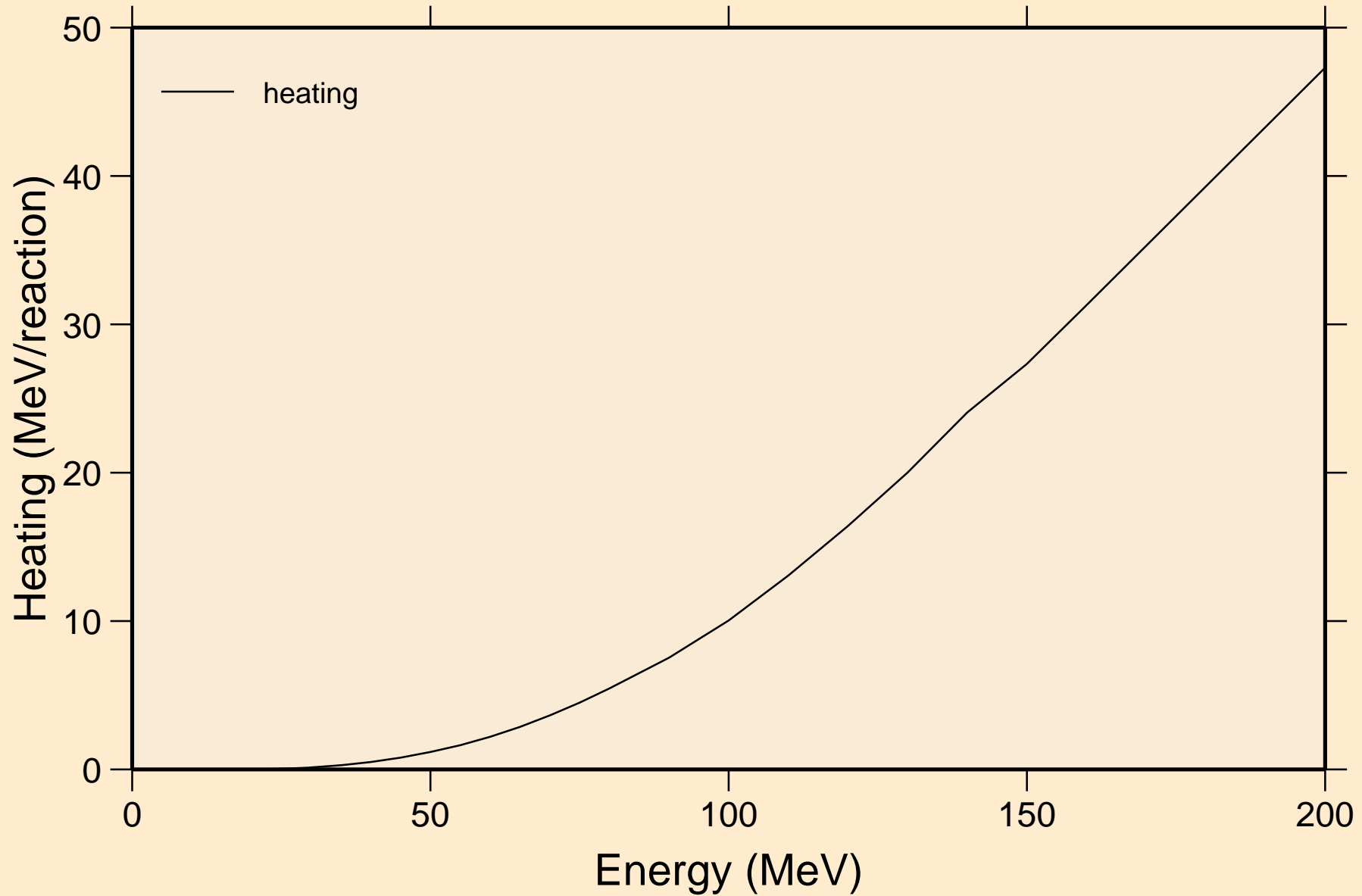
# TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

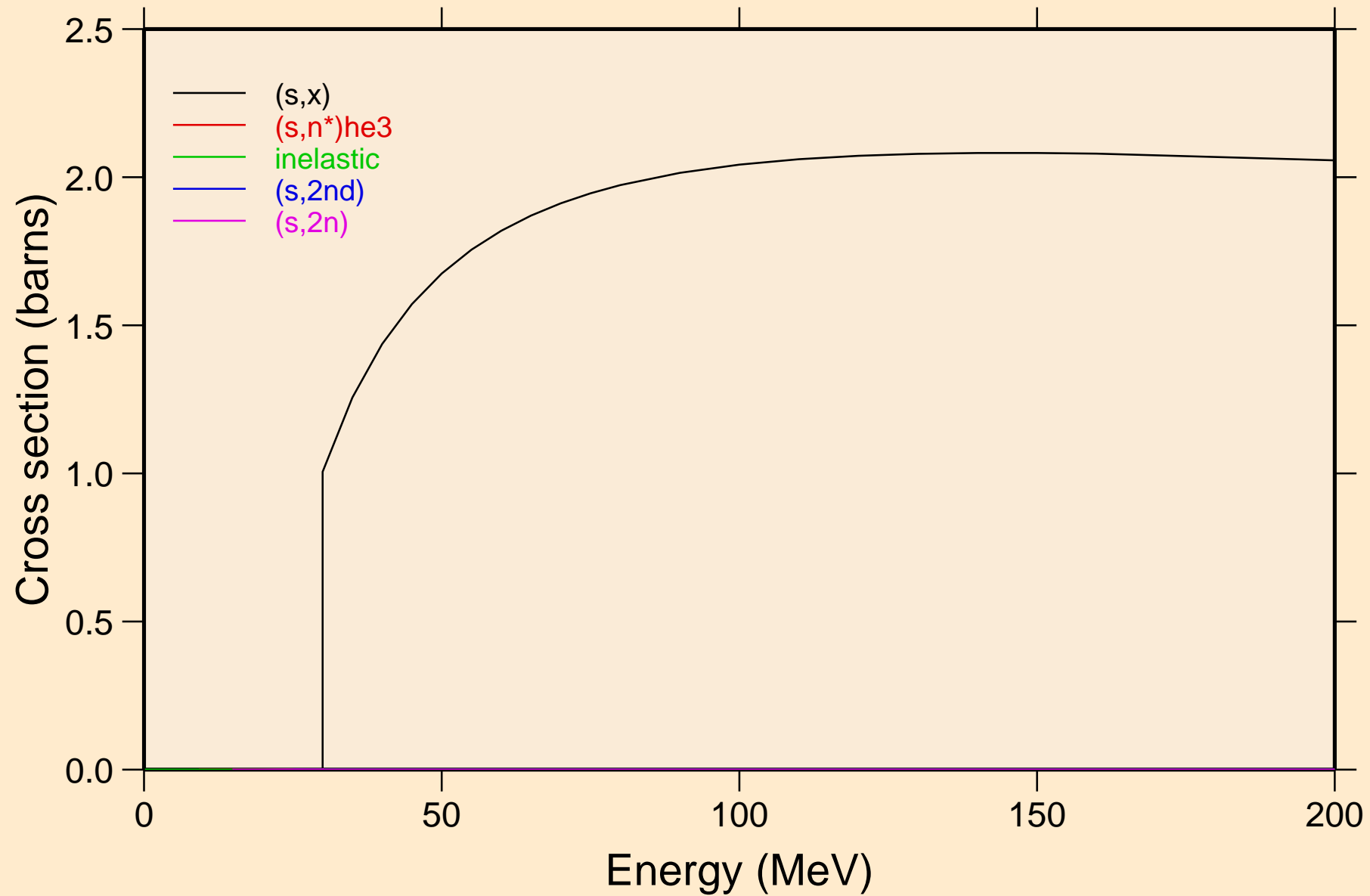


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K

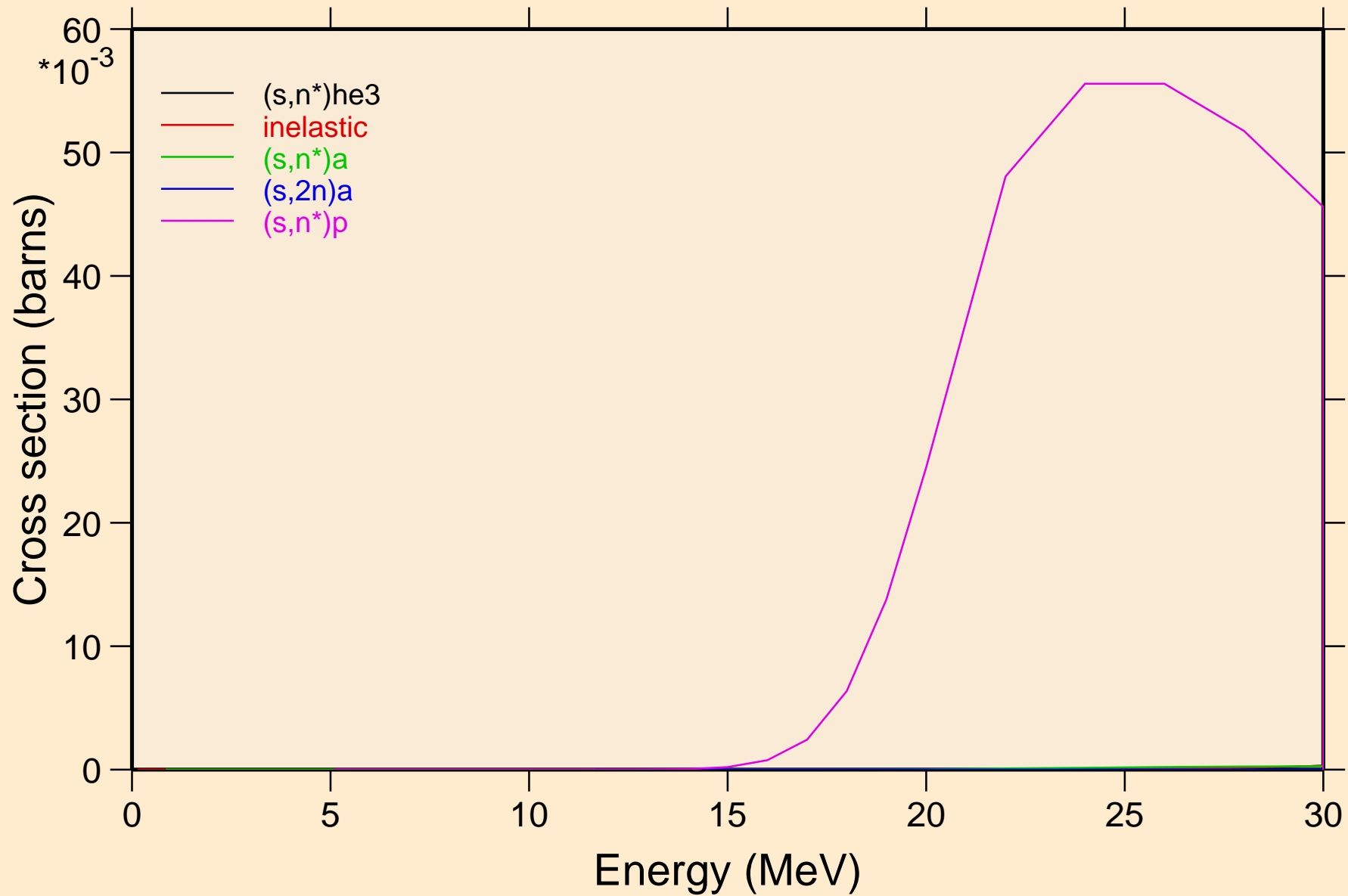
Heating



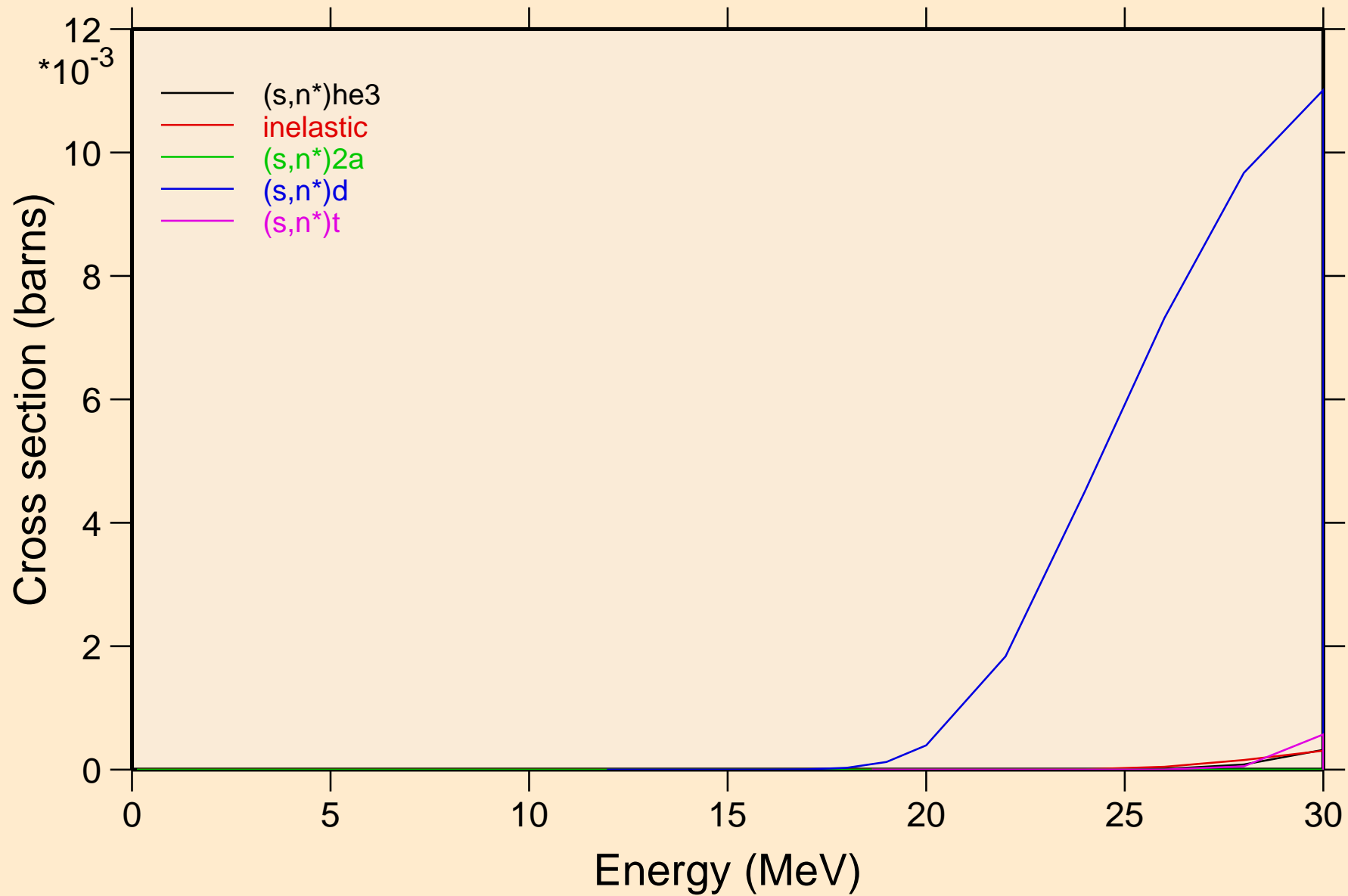
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



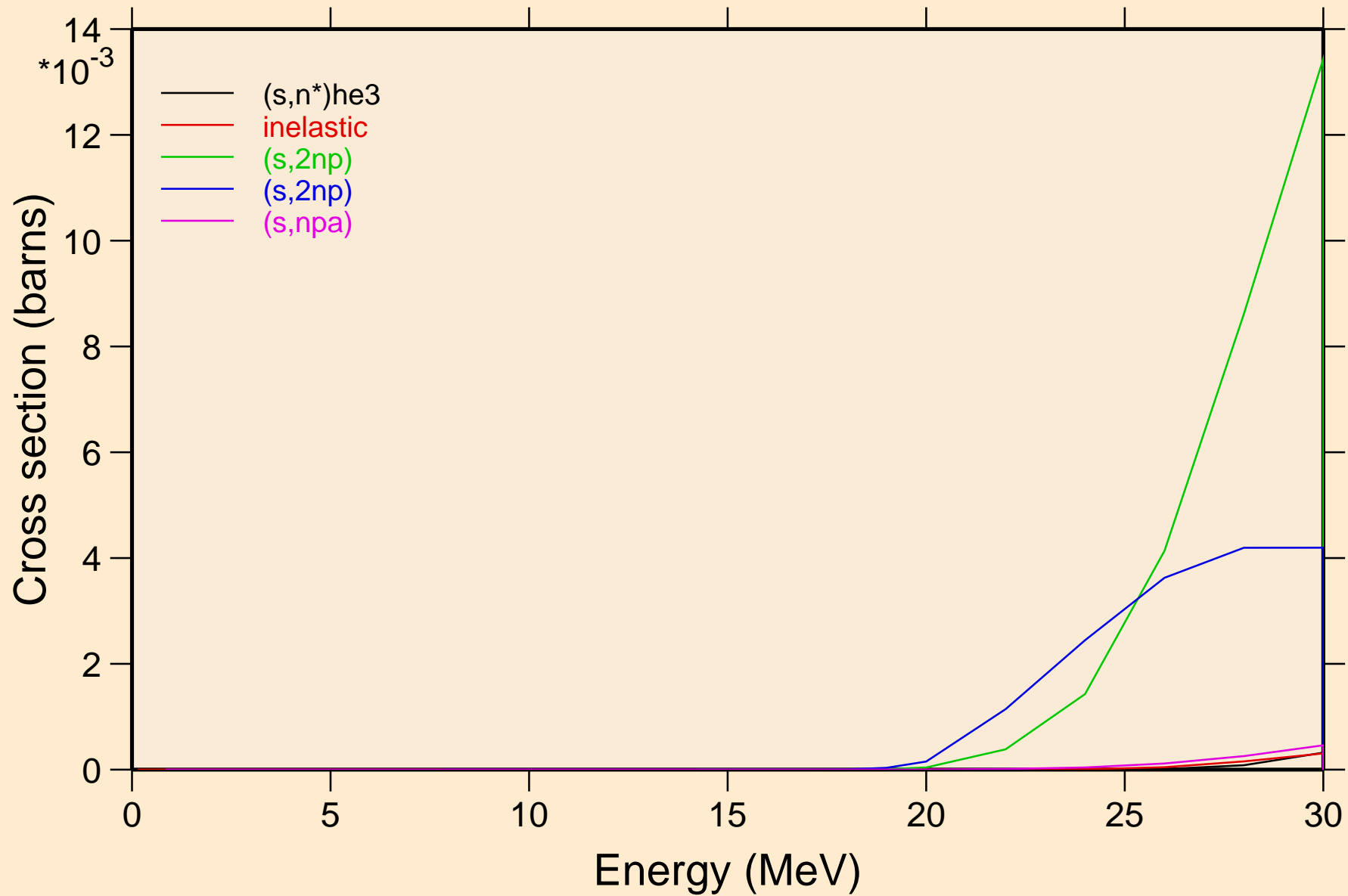
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

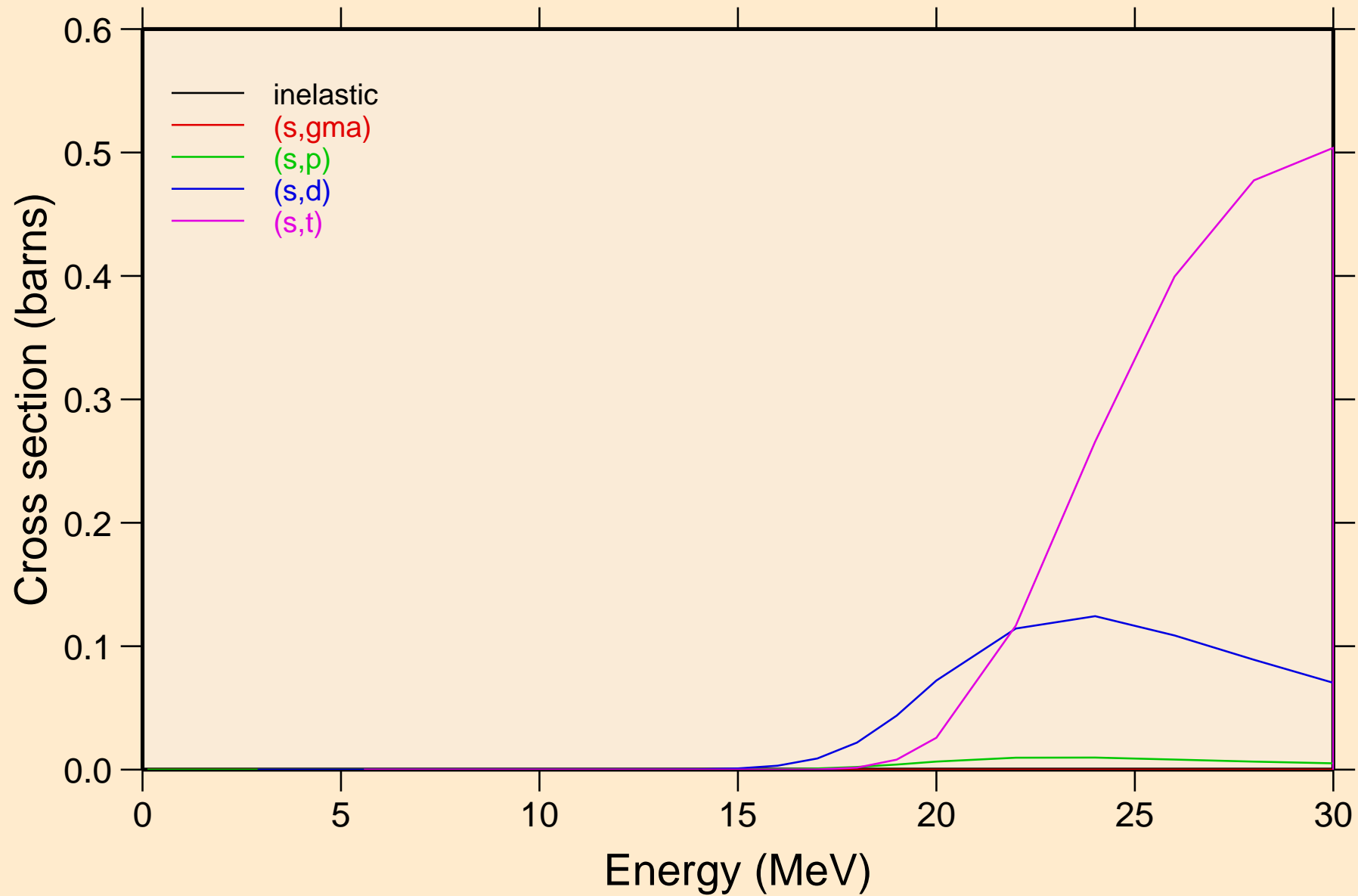


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

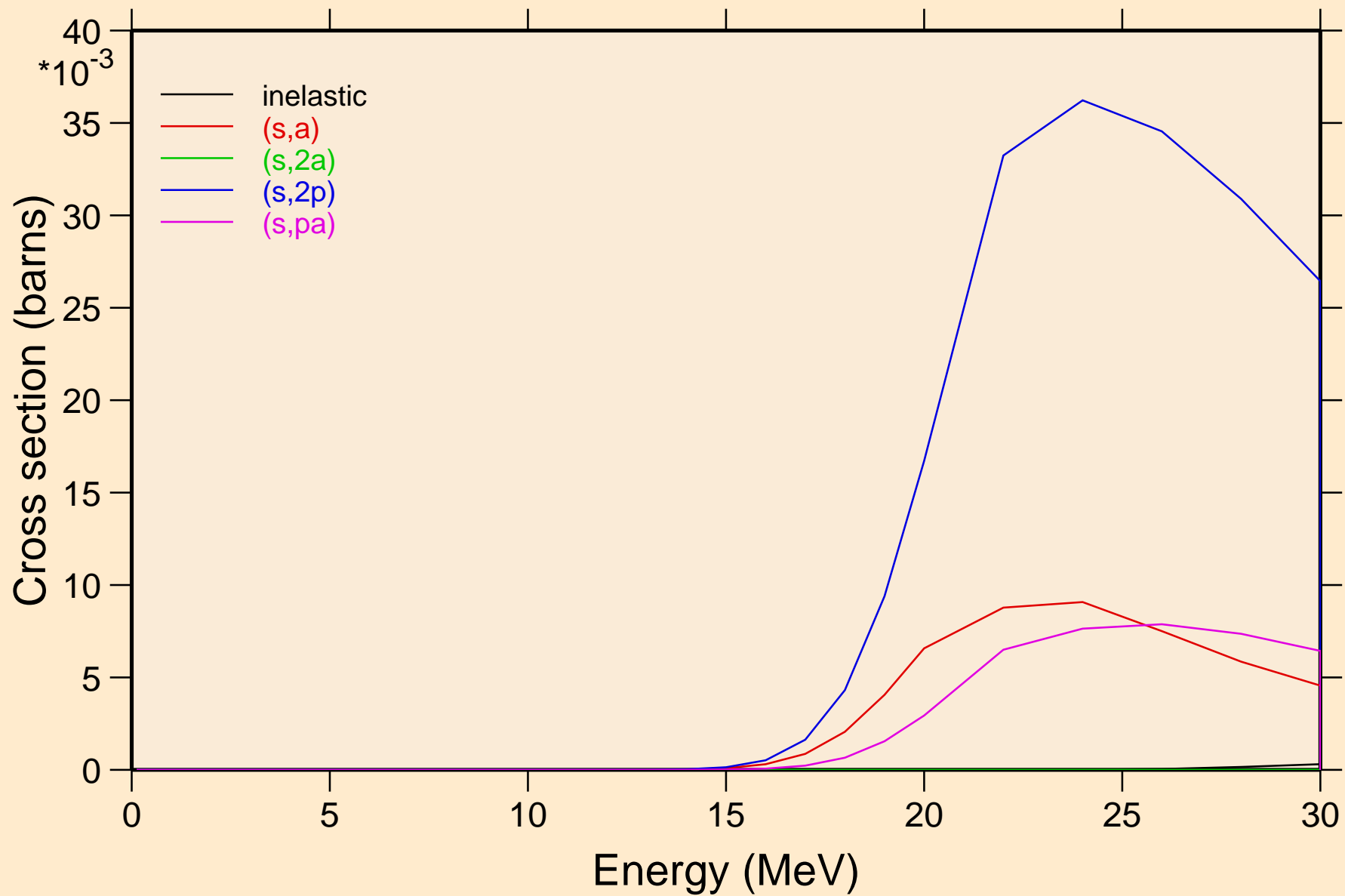




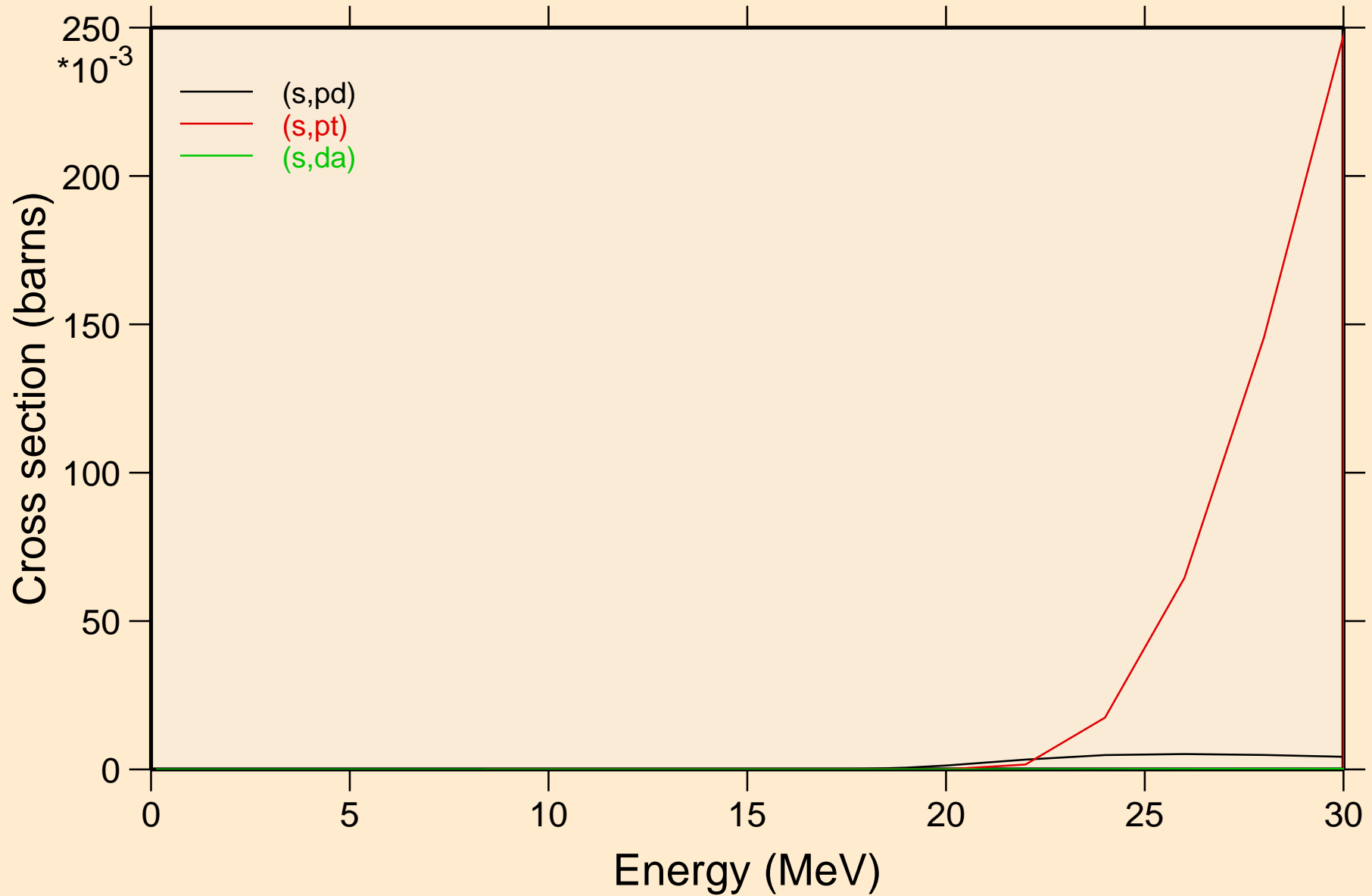
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



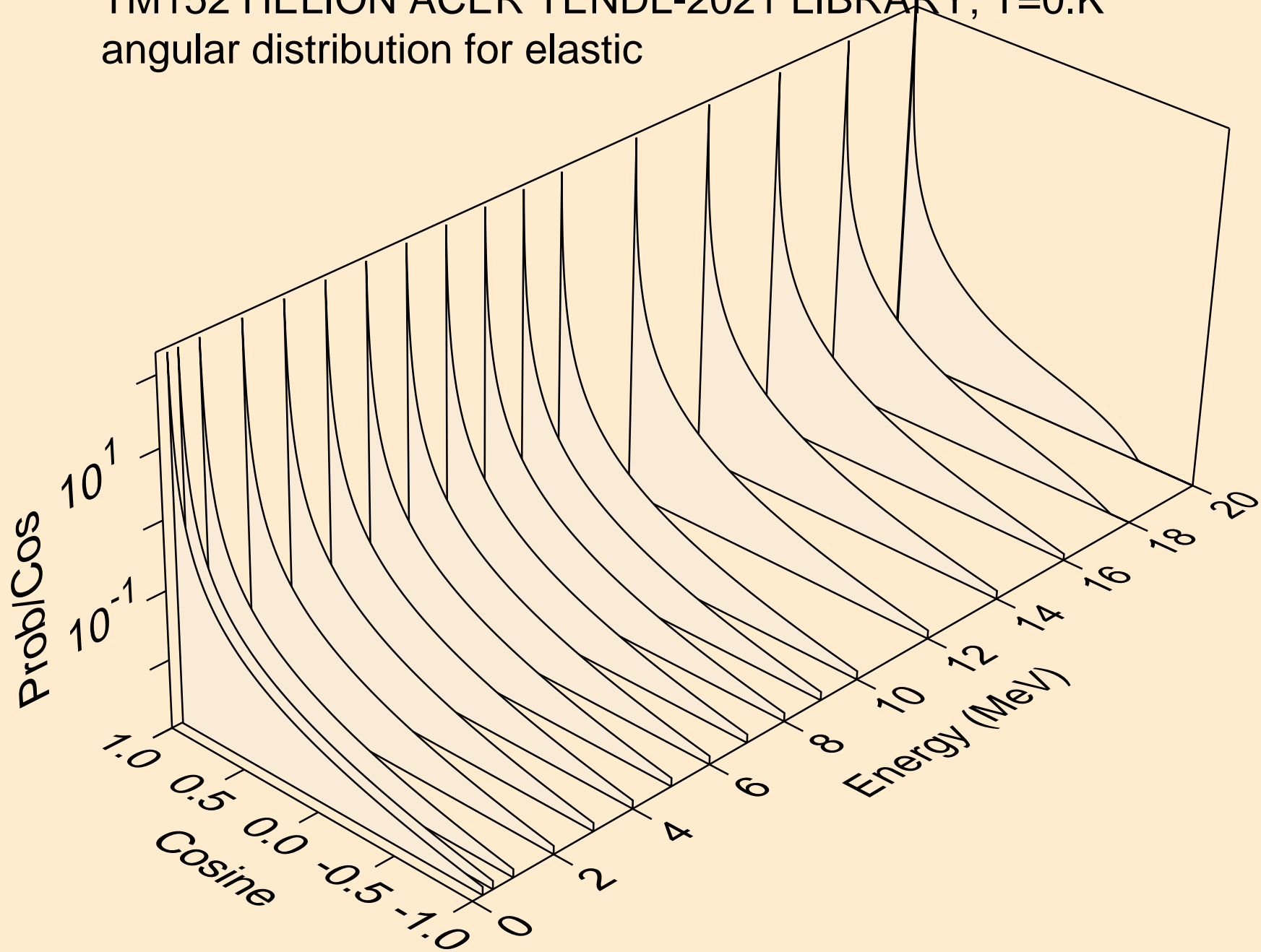
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



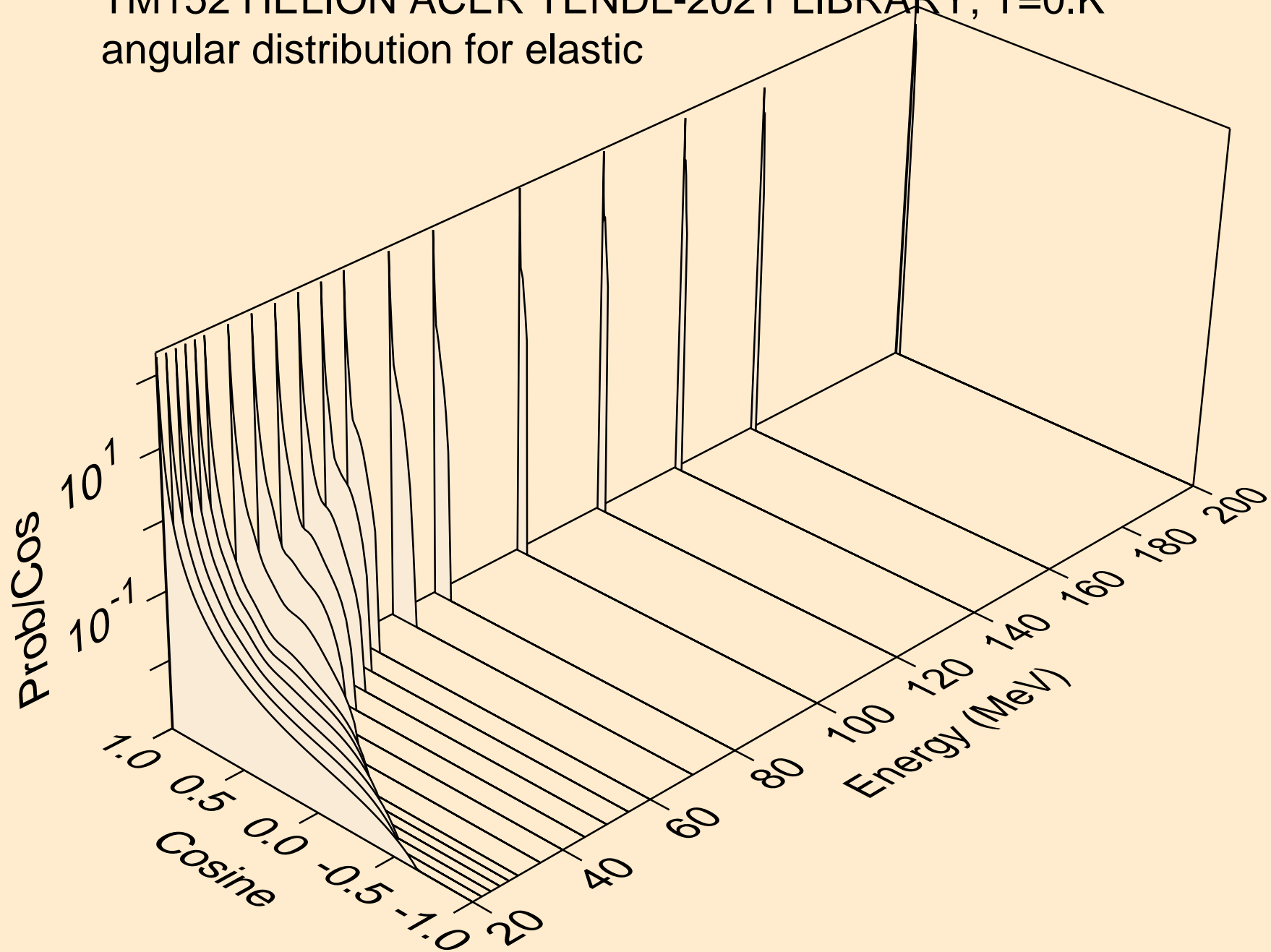
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



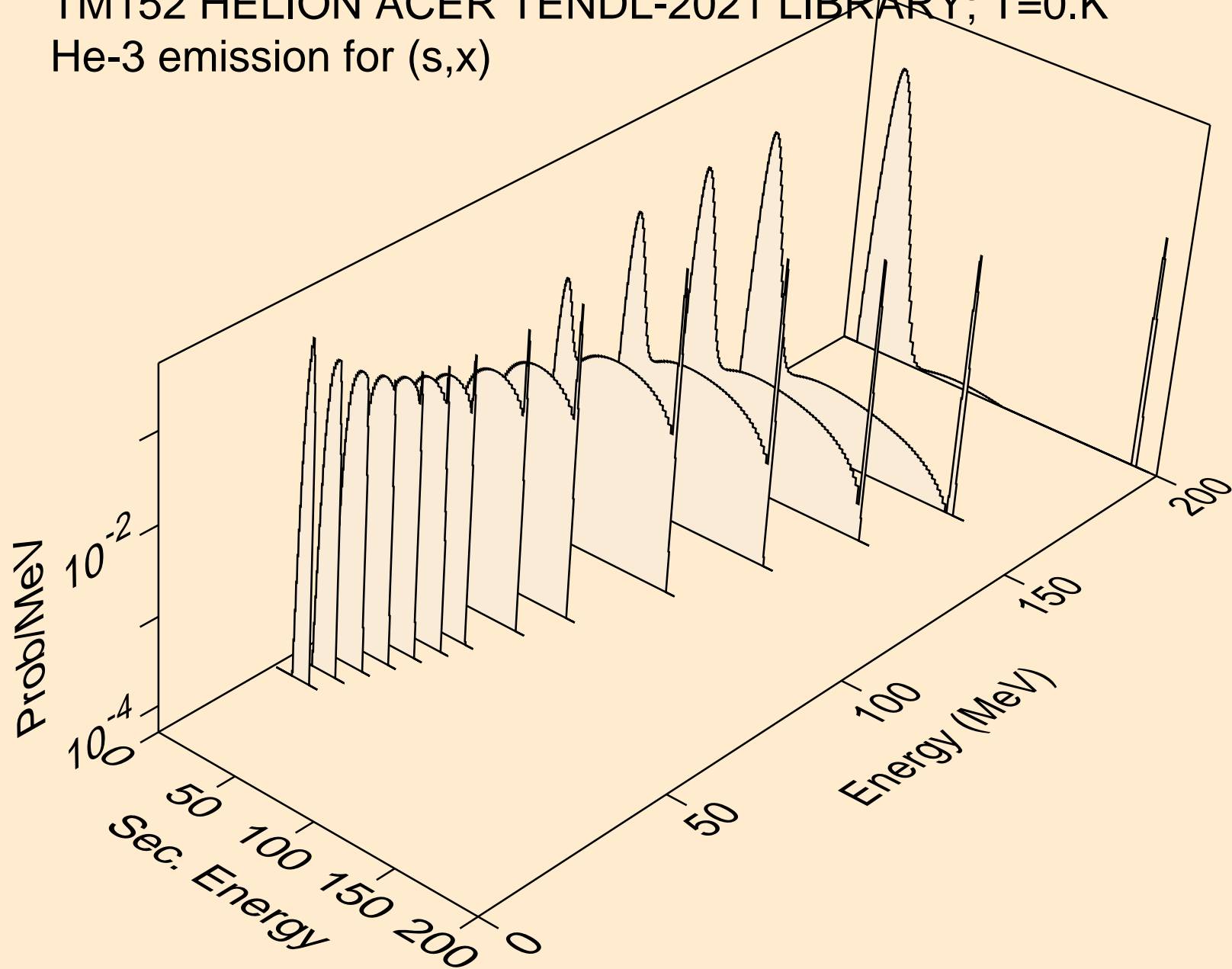
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



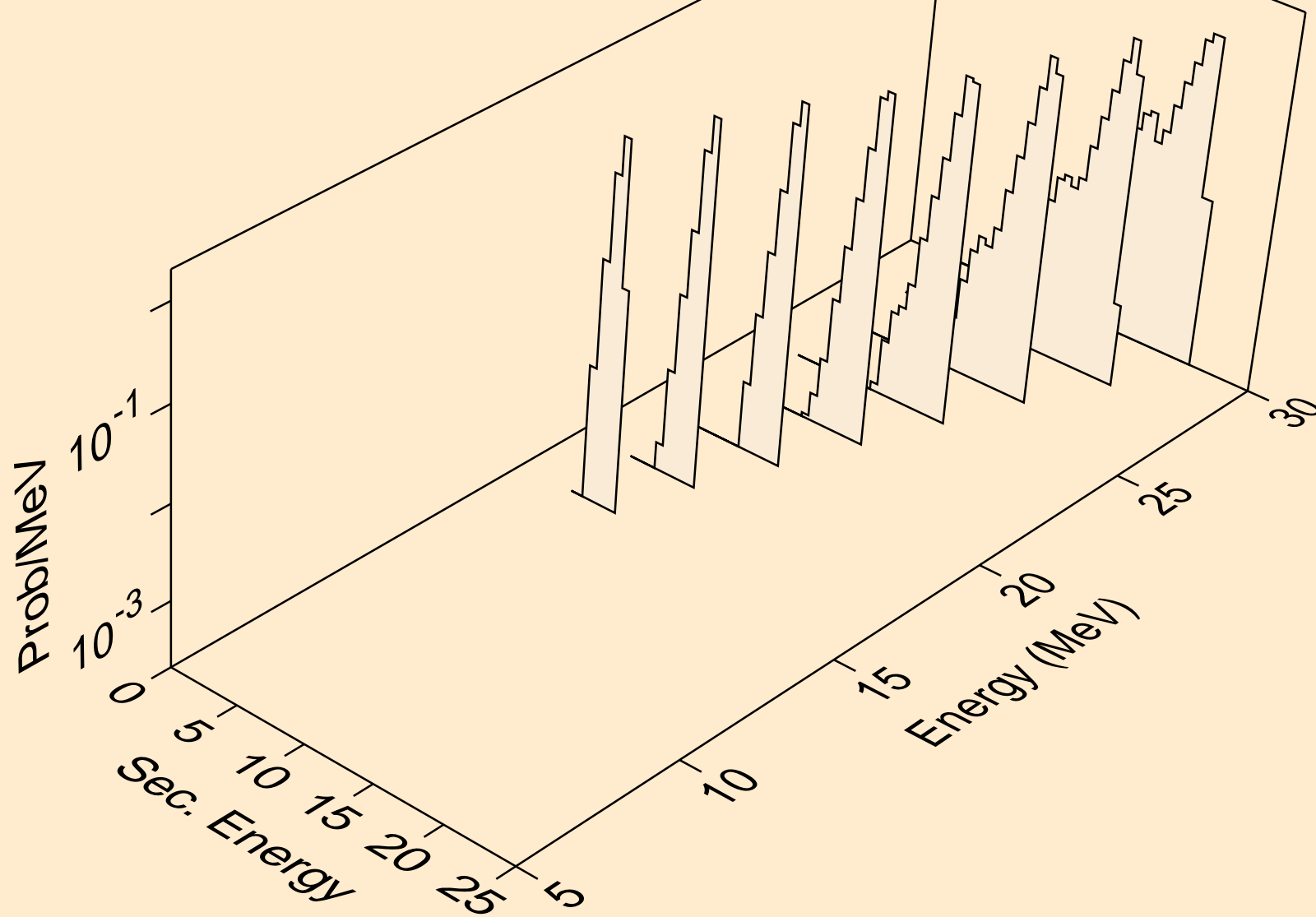
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



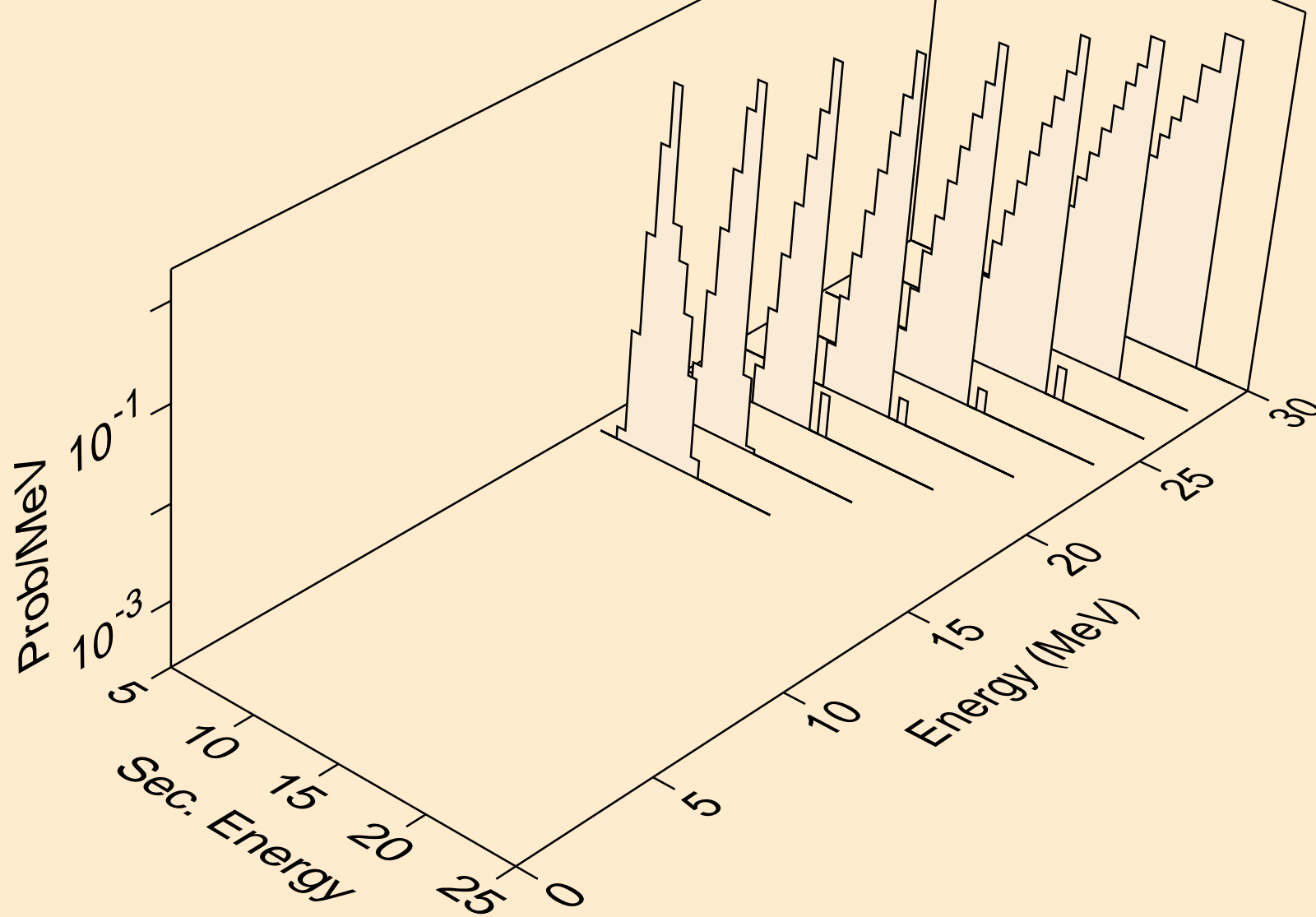
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

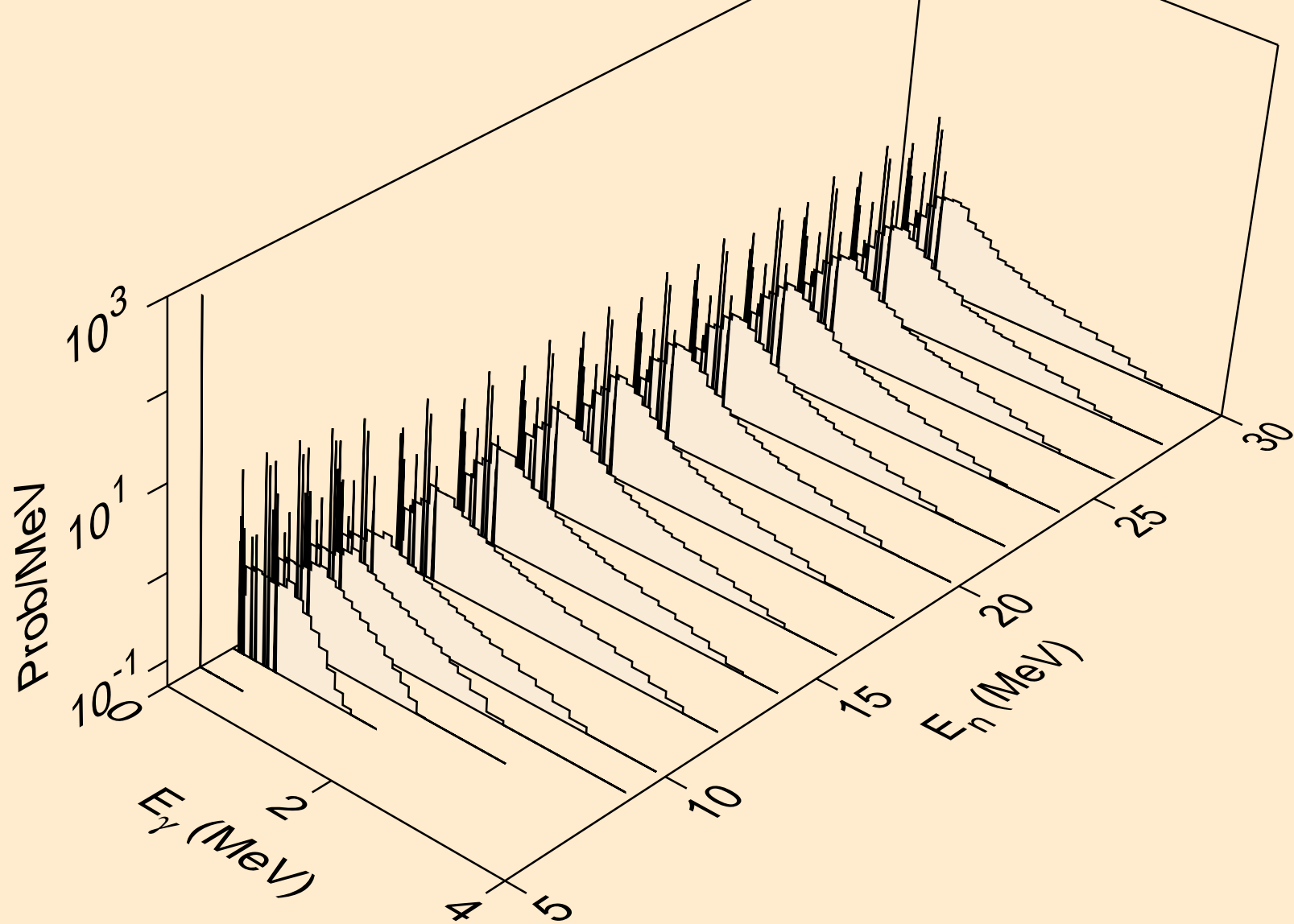


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

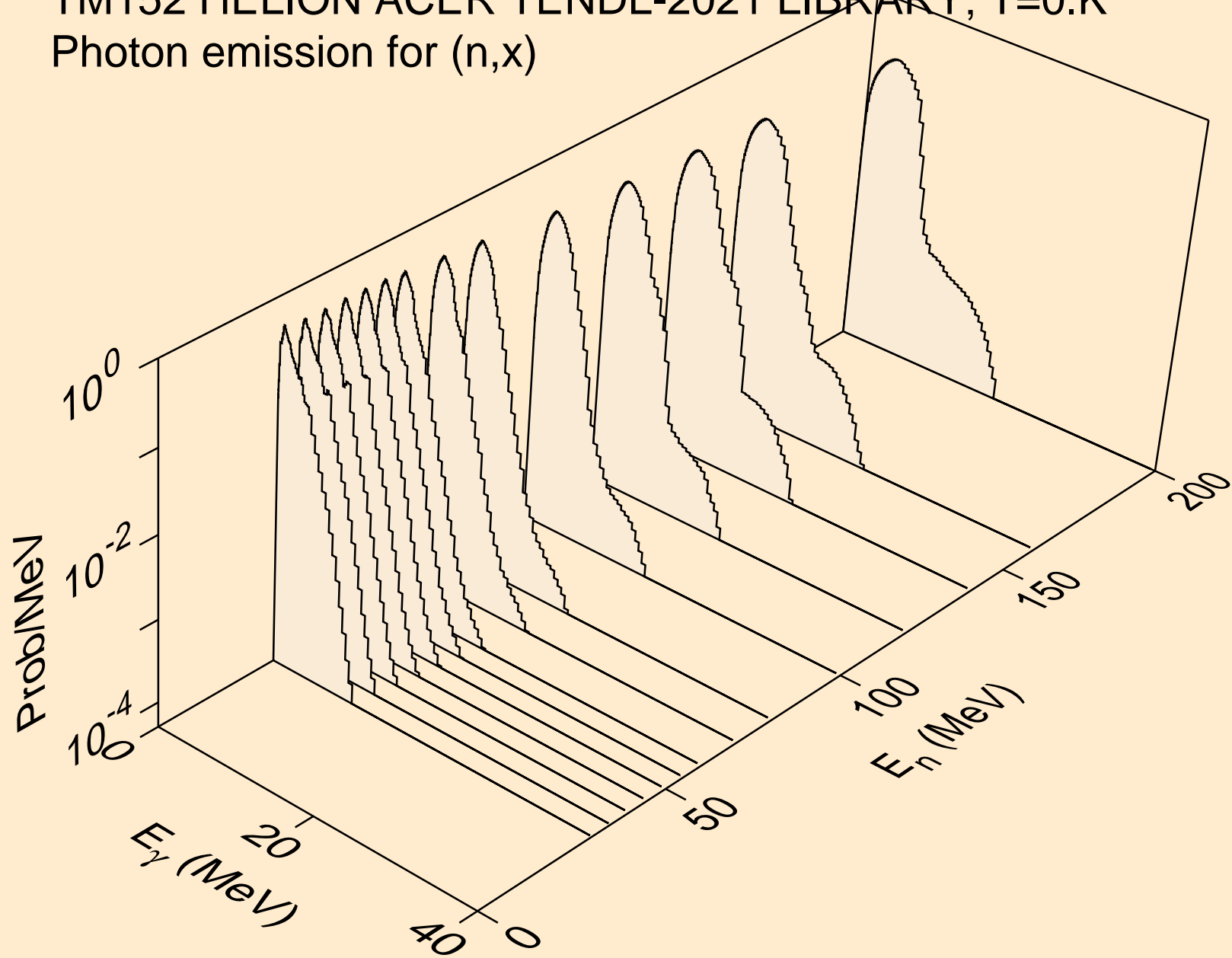




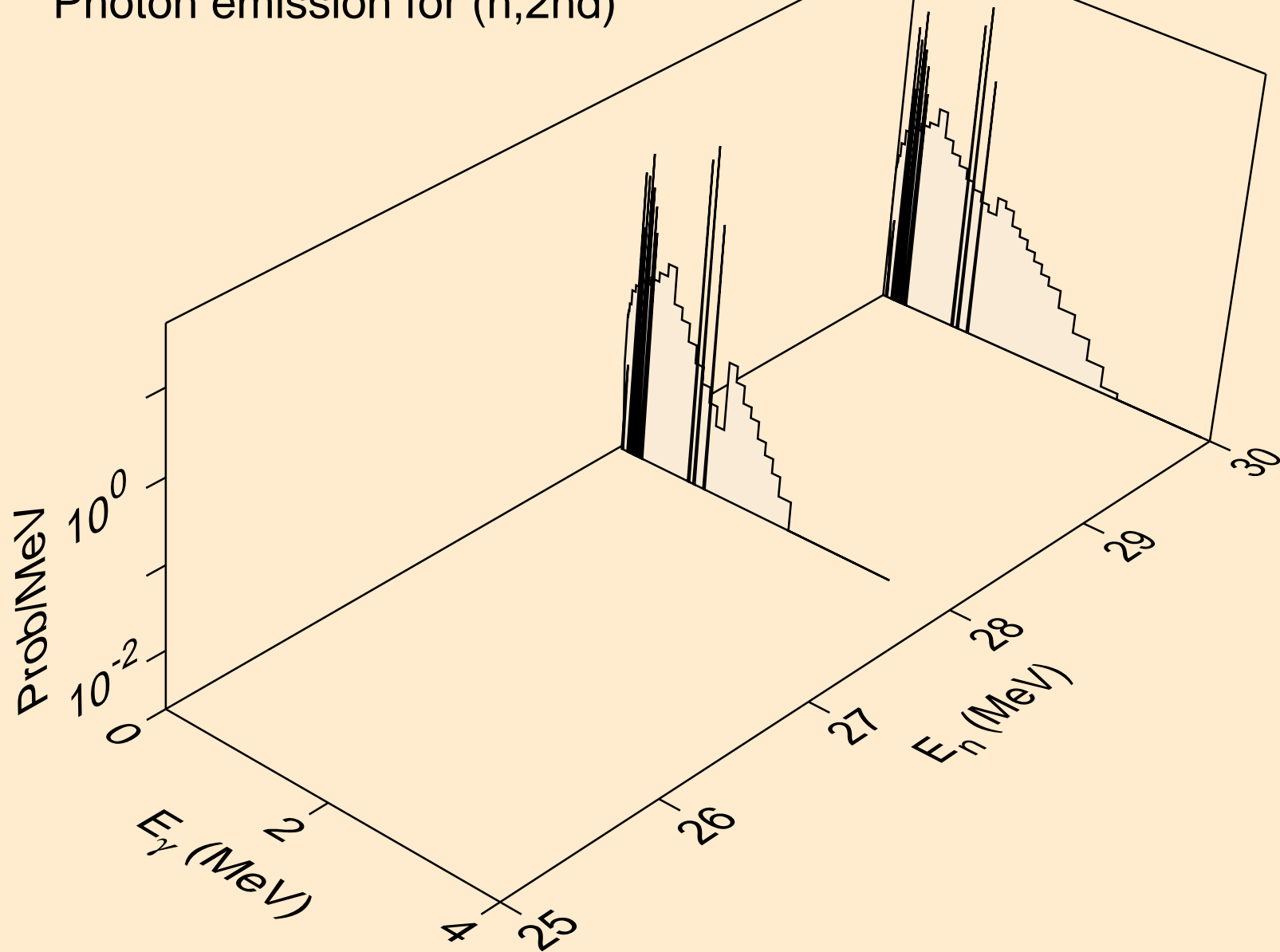
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



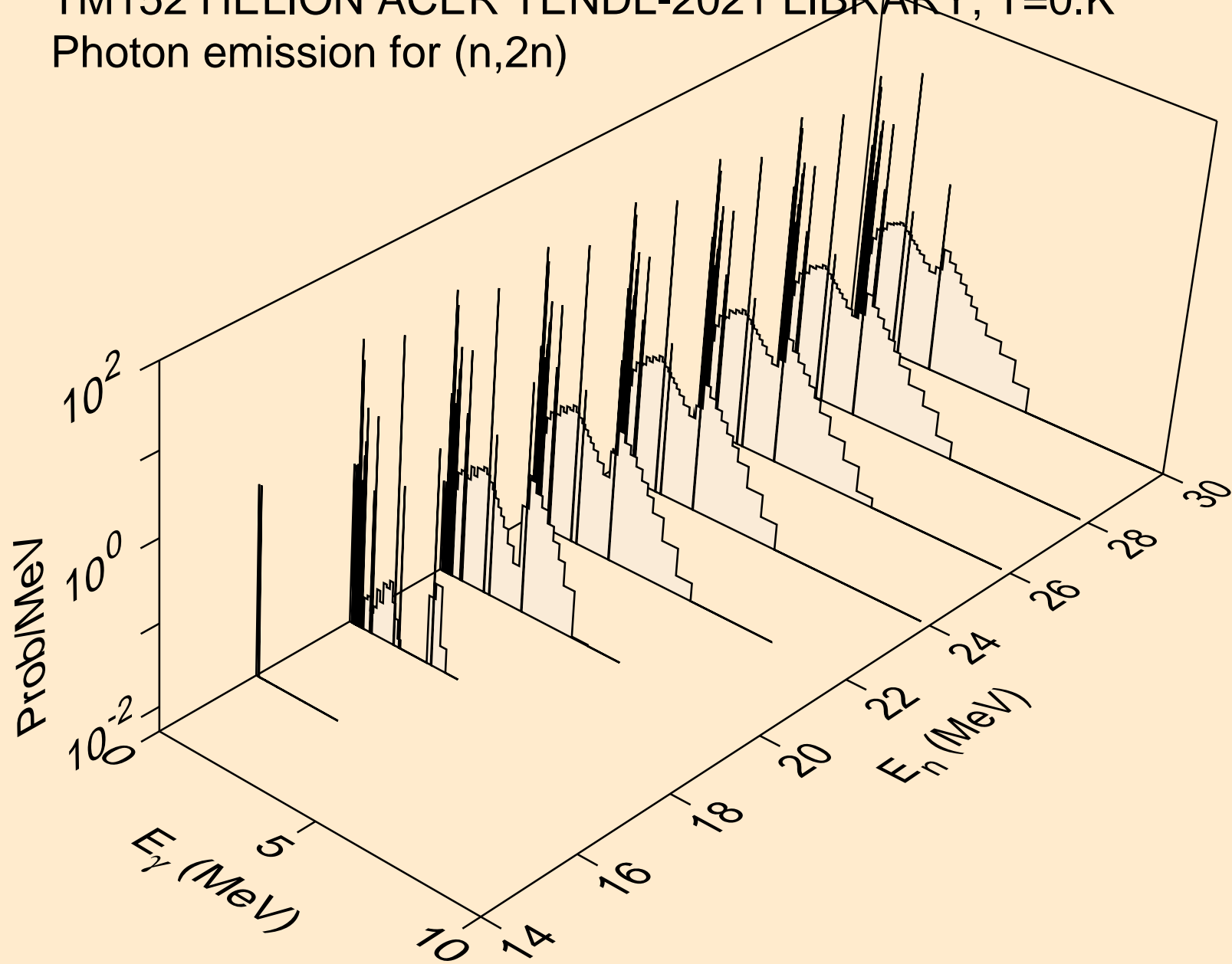
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



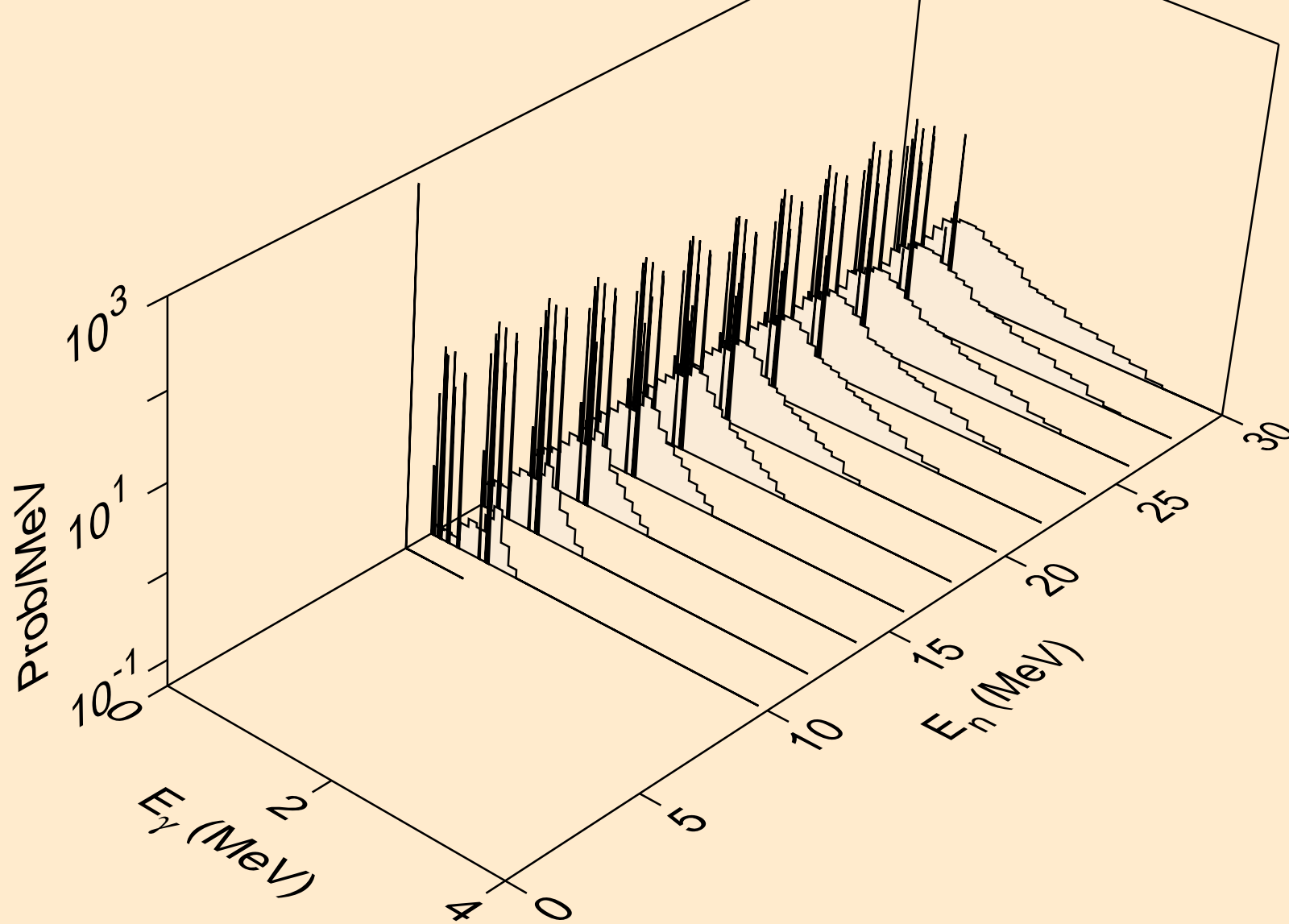
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



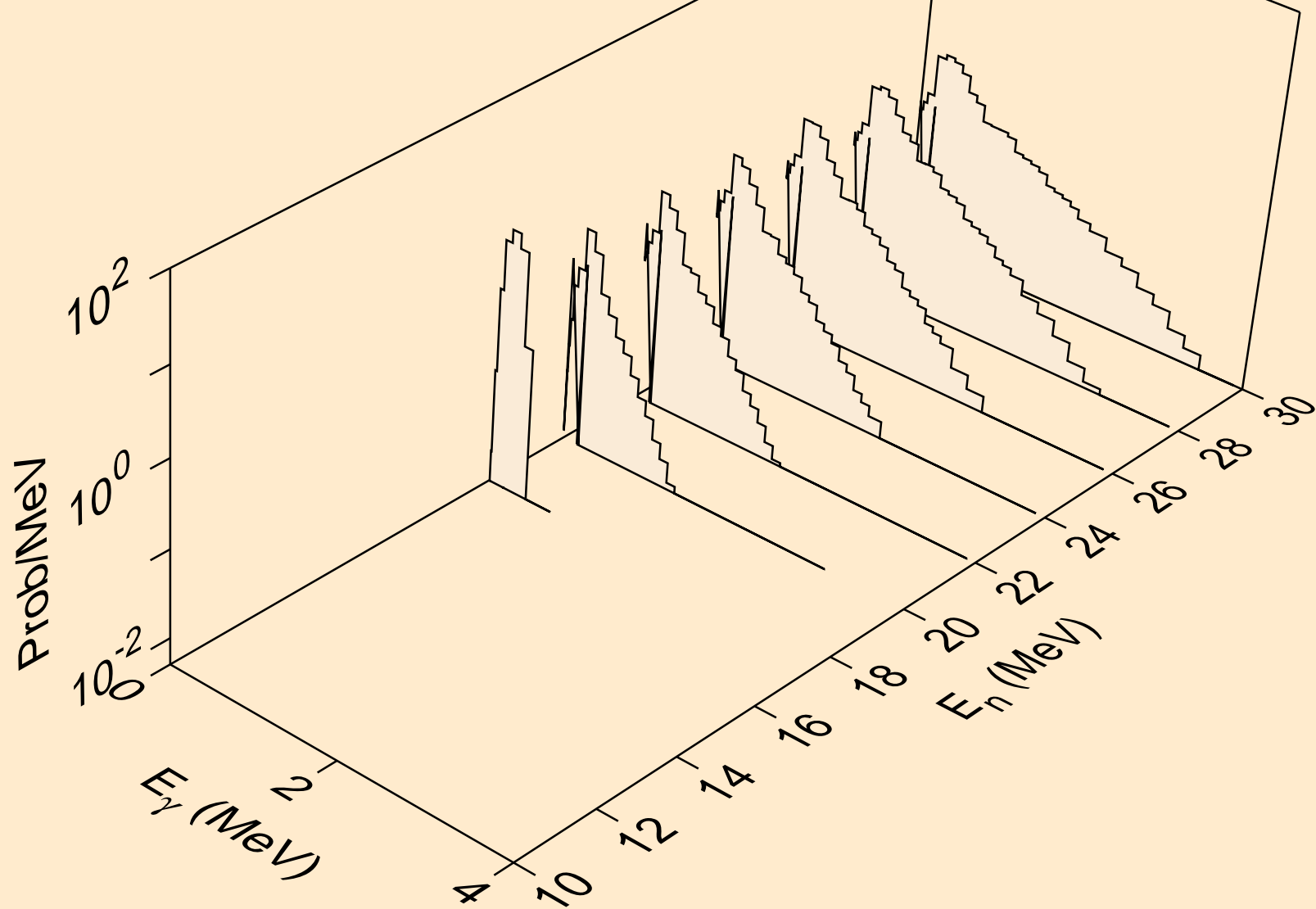
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



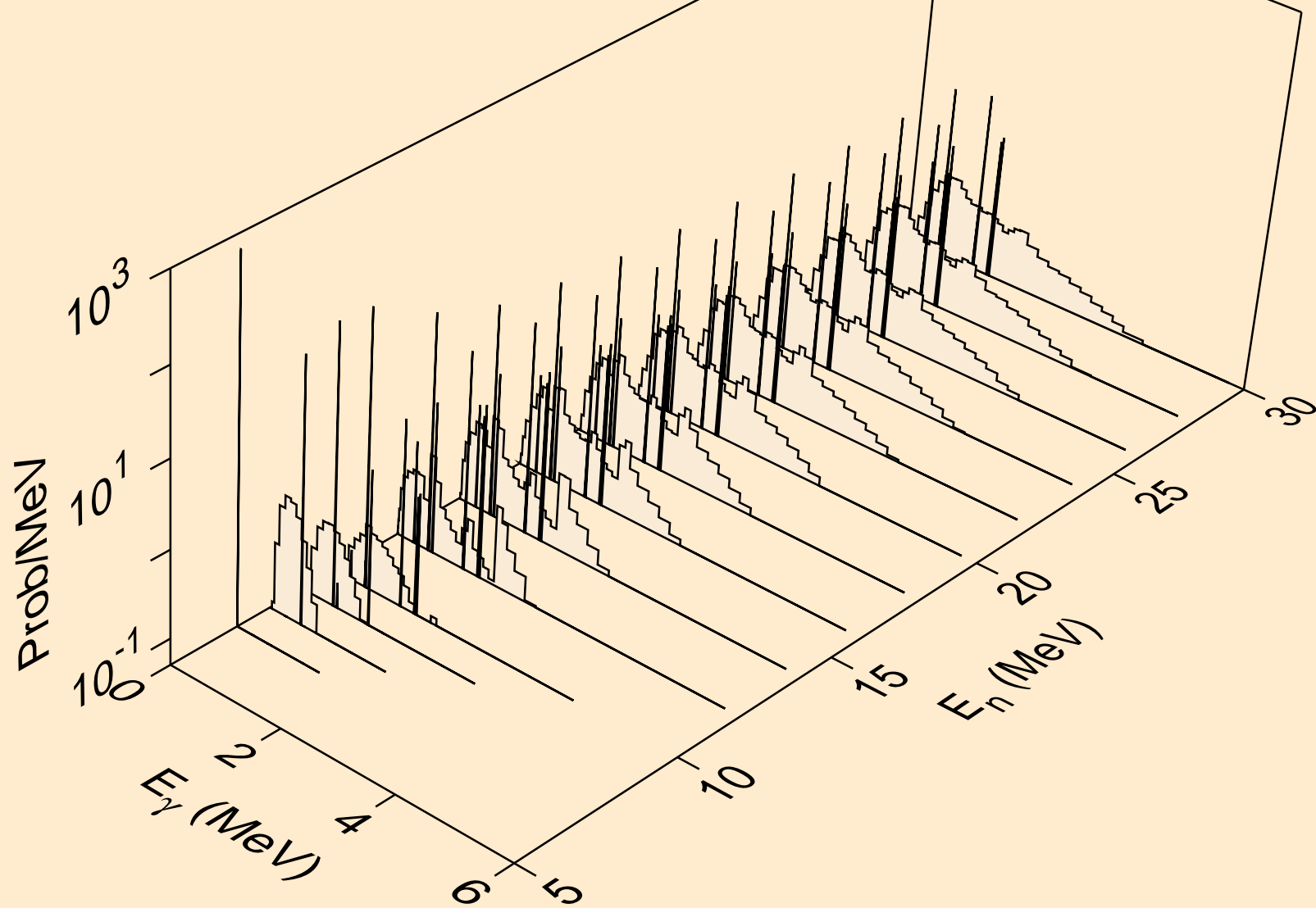
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



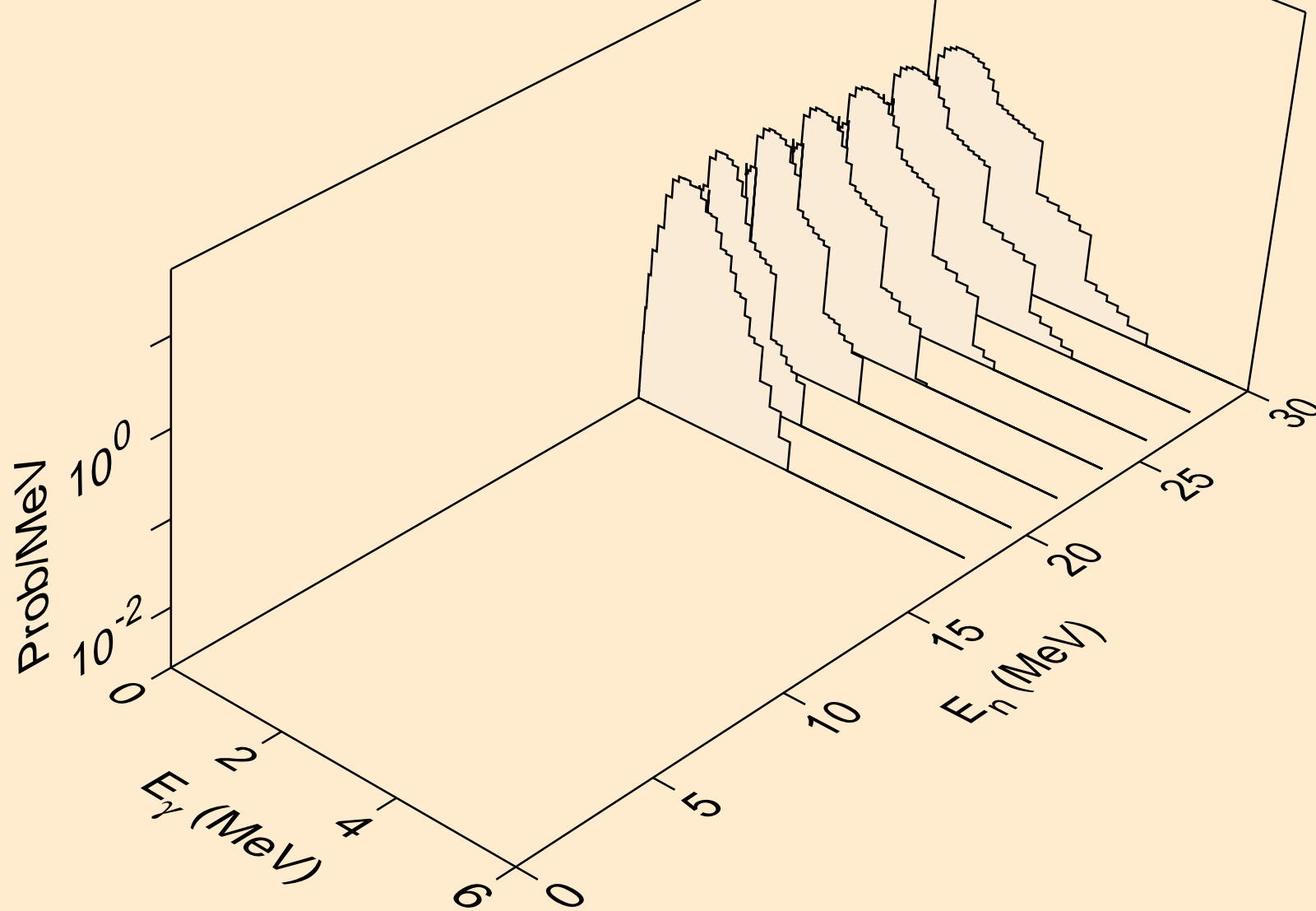
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

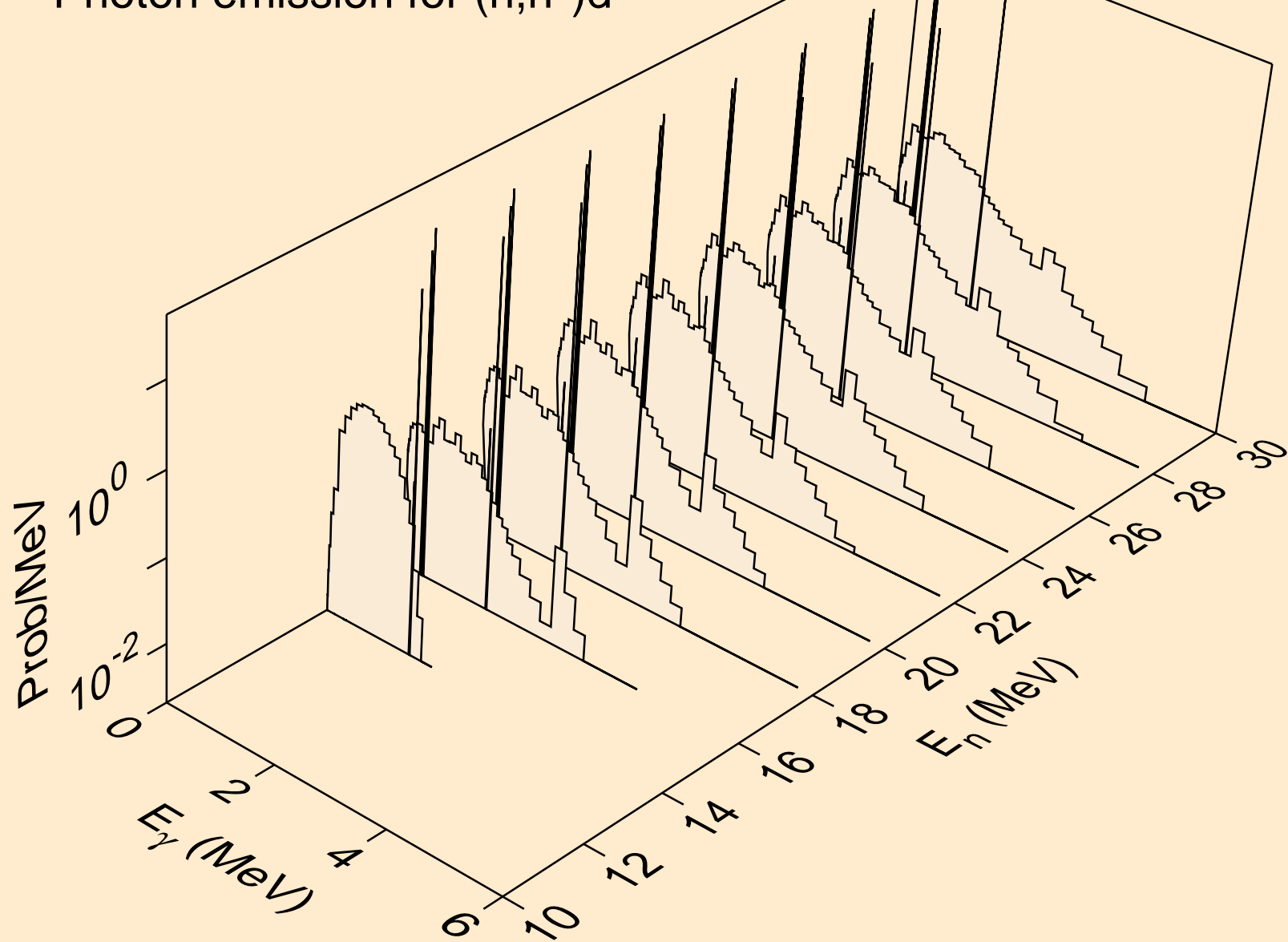


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

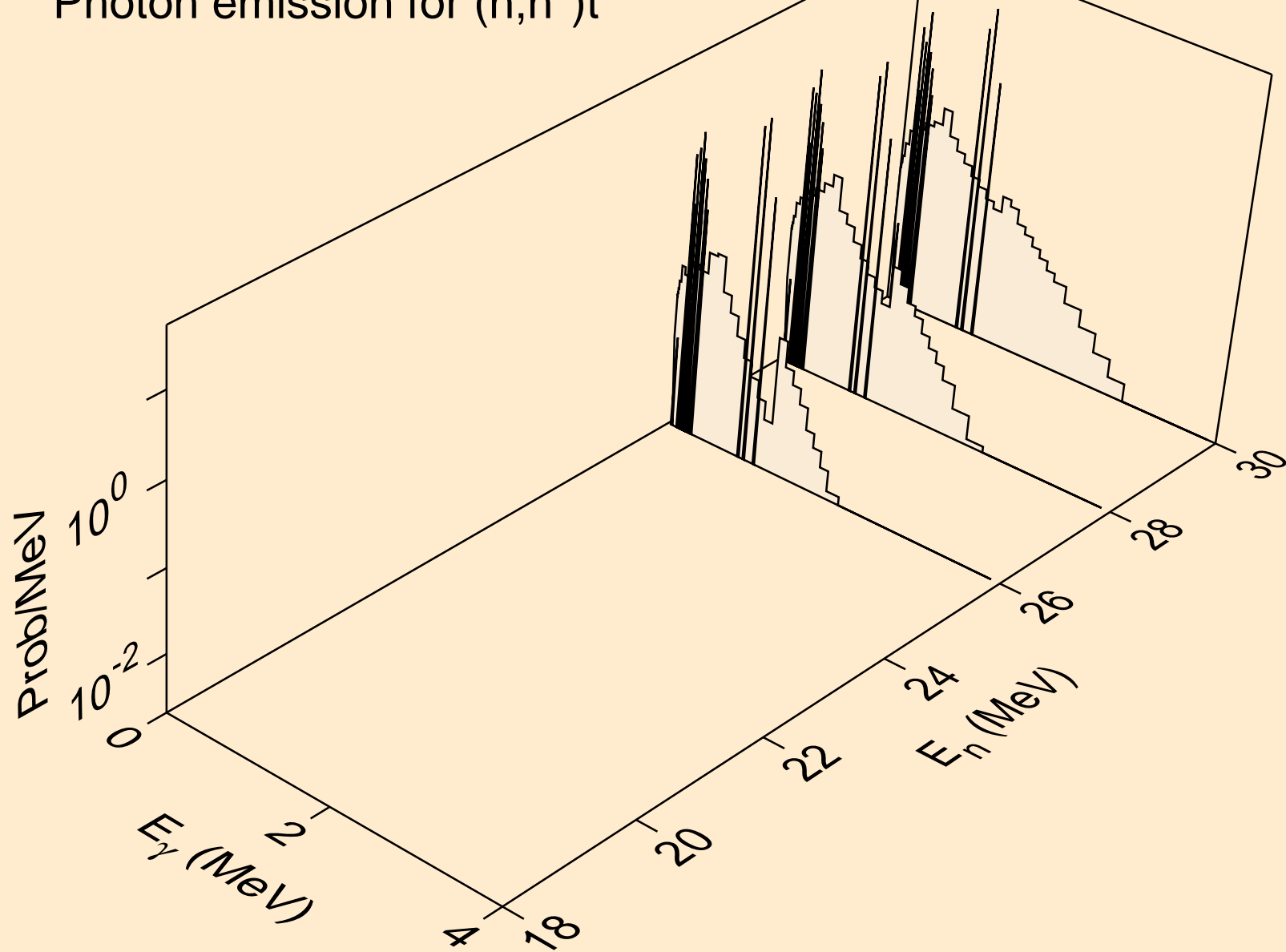




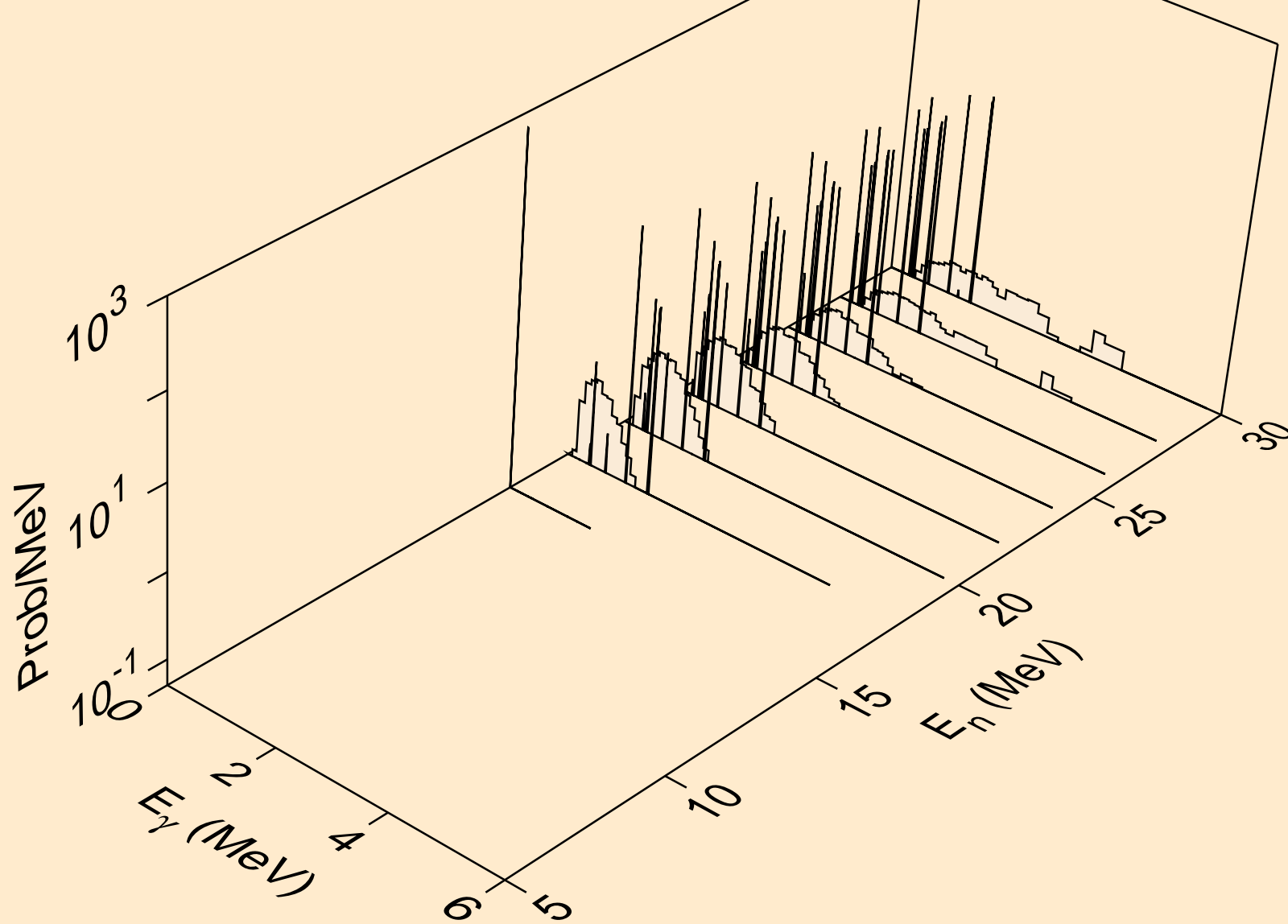
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



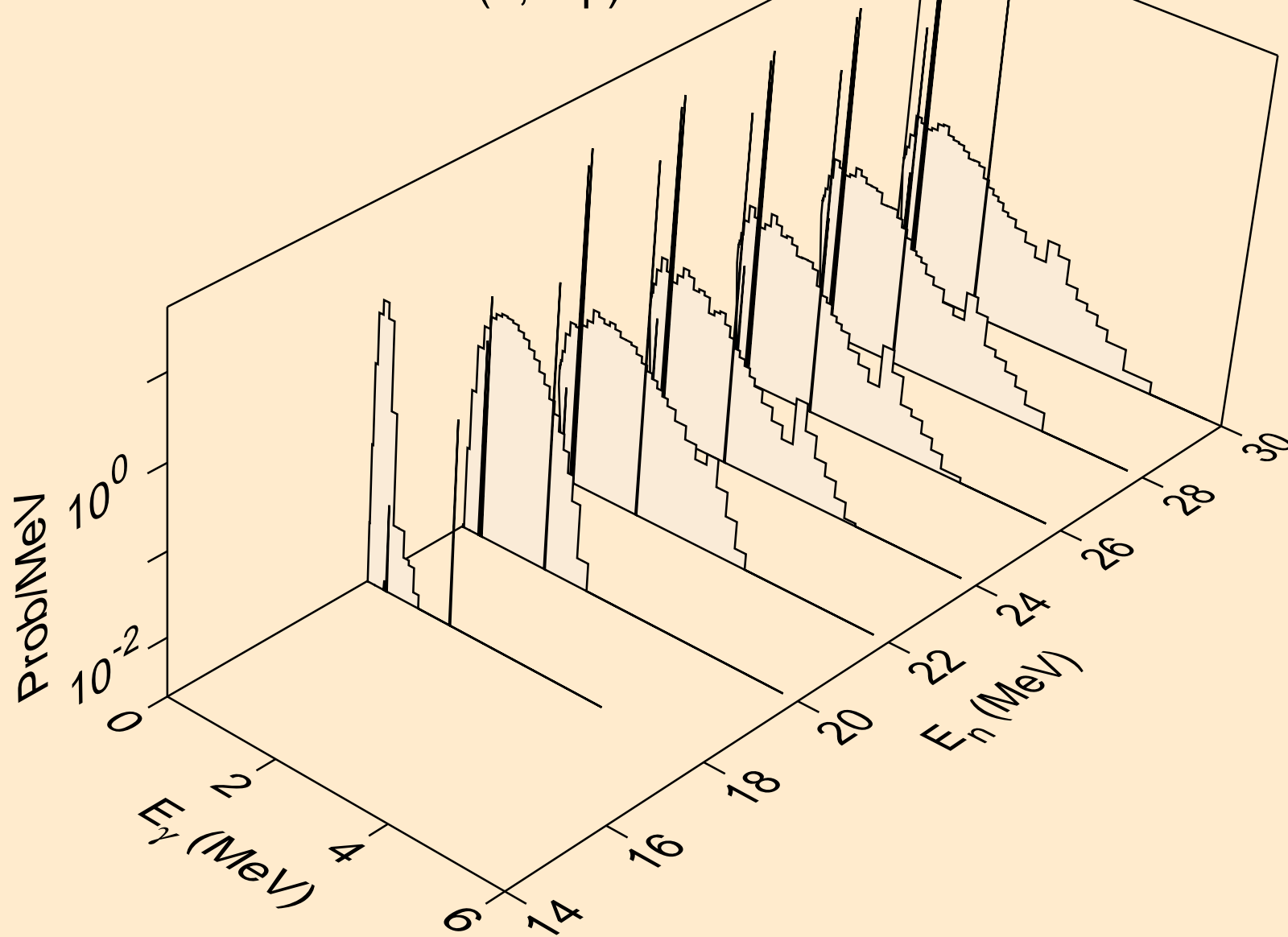
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



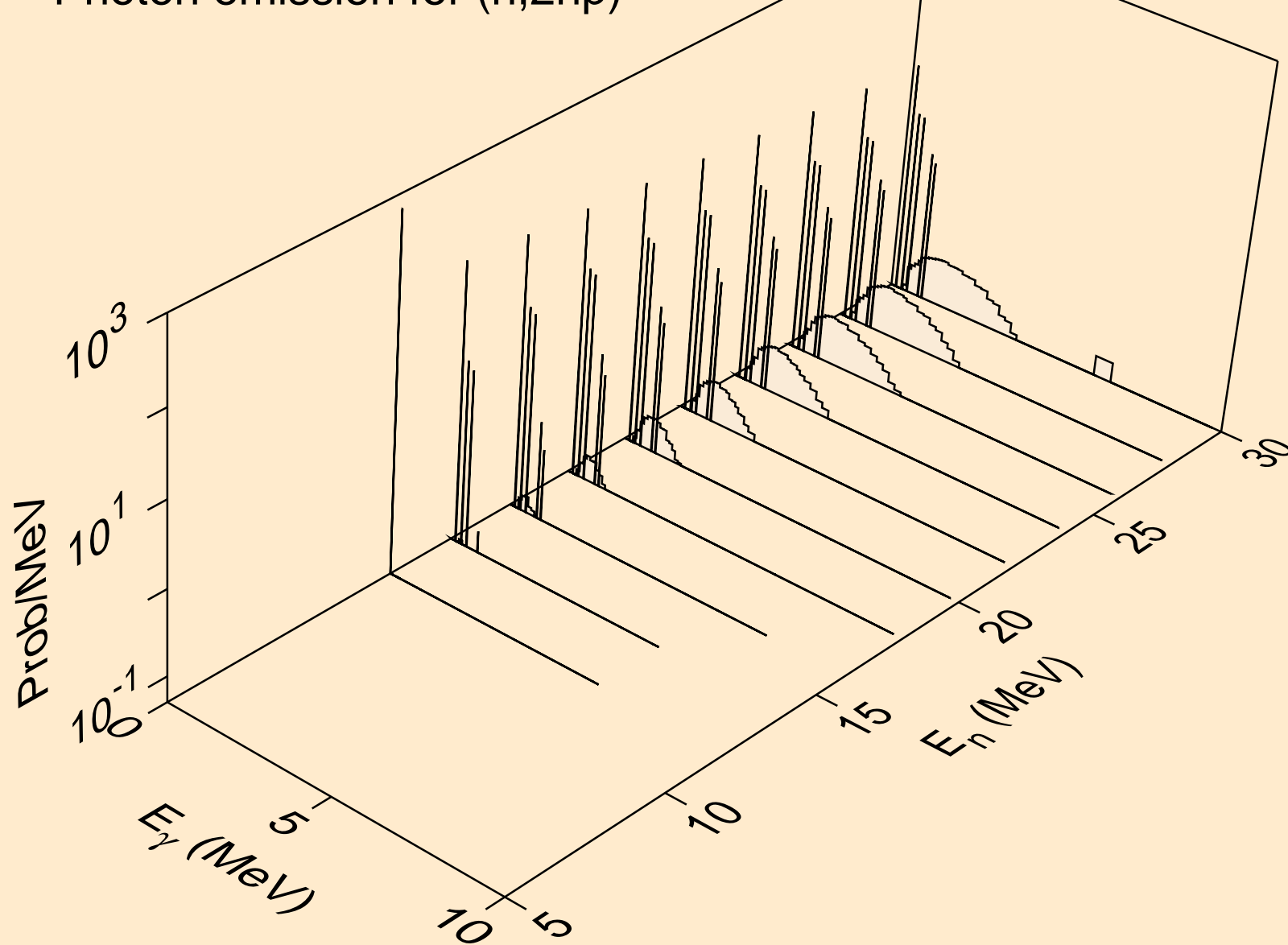
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



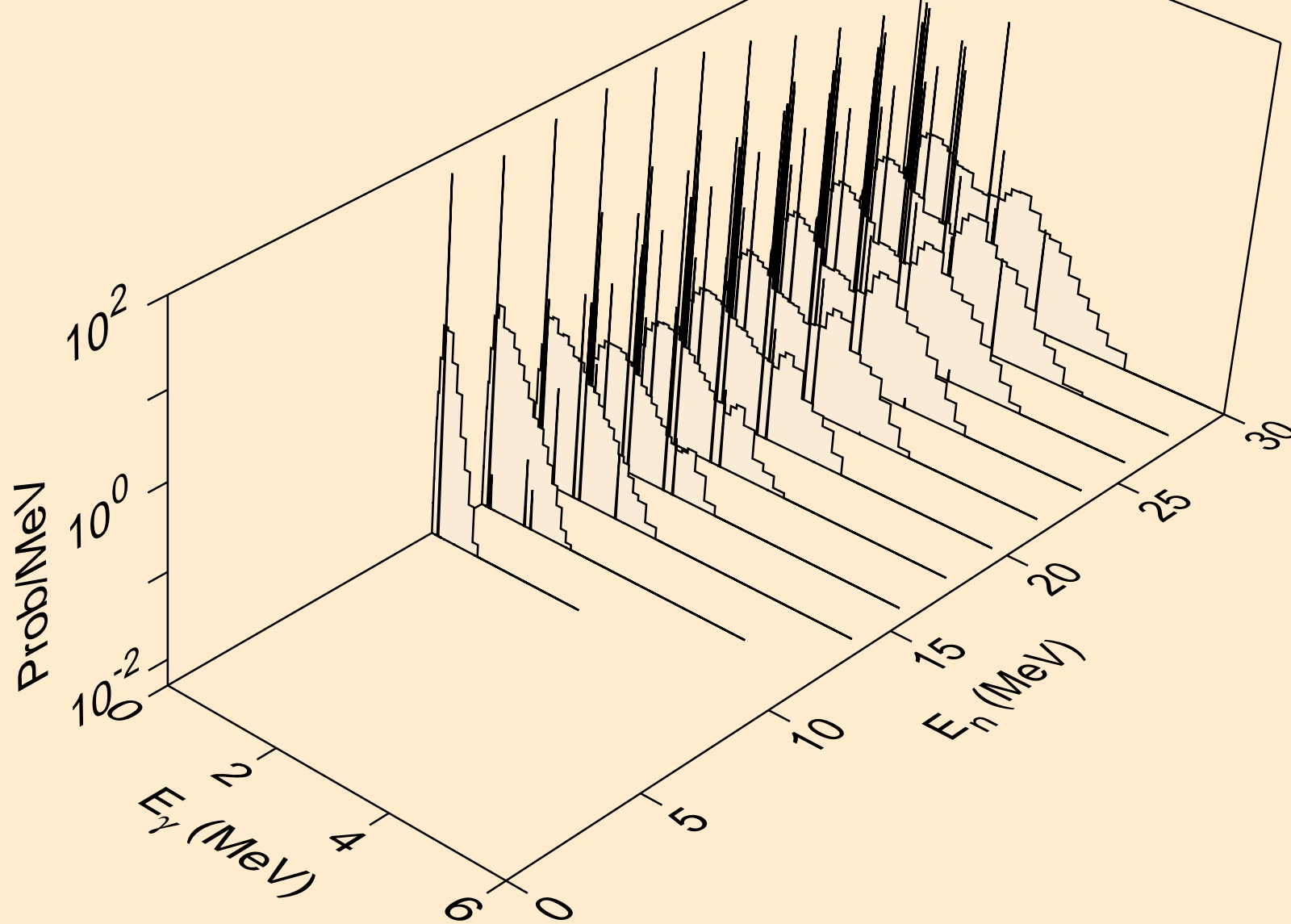
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



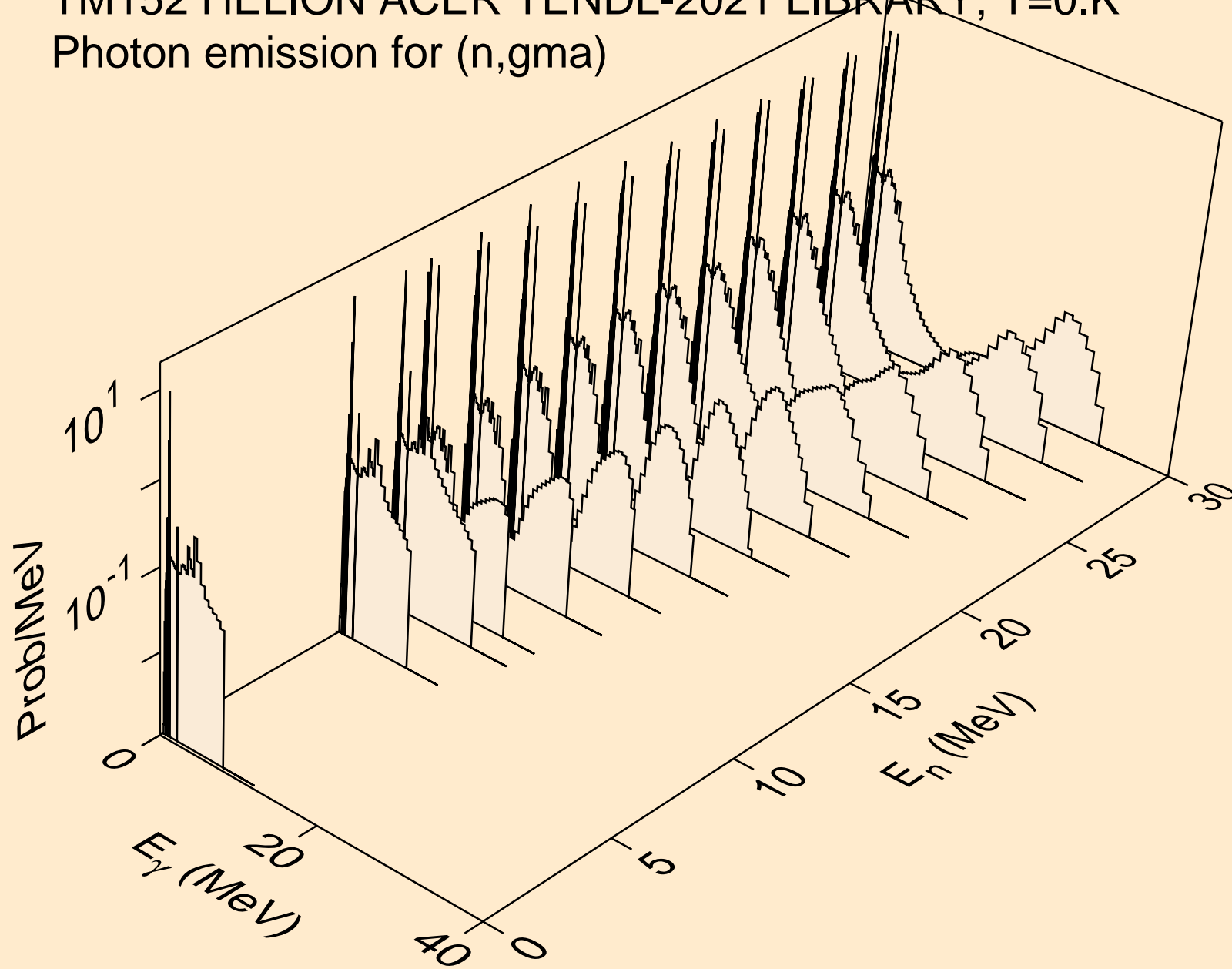
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



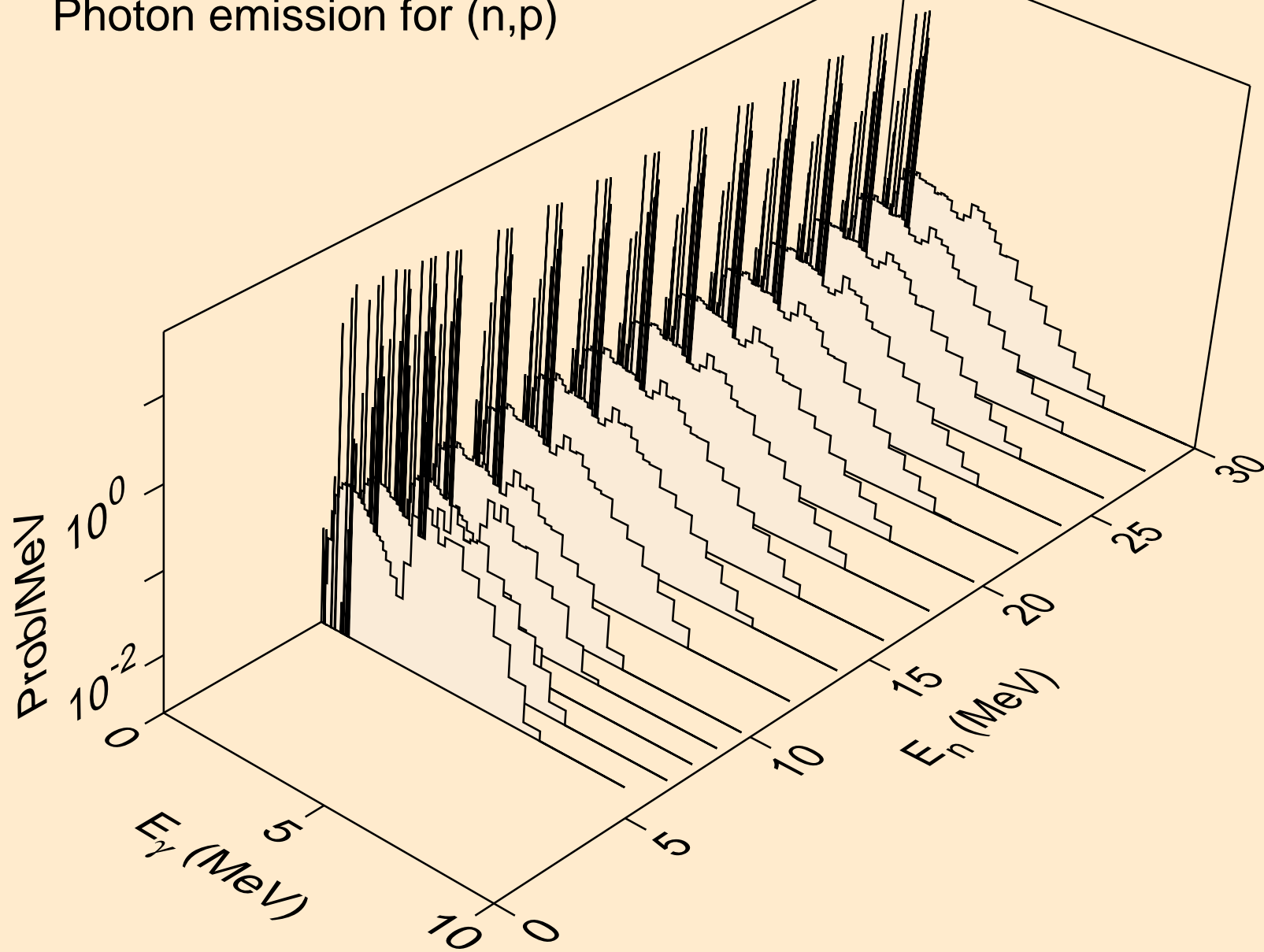
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

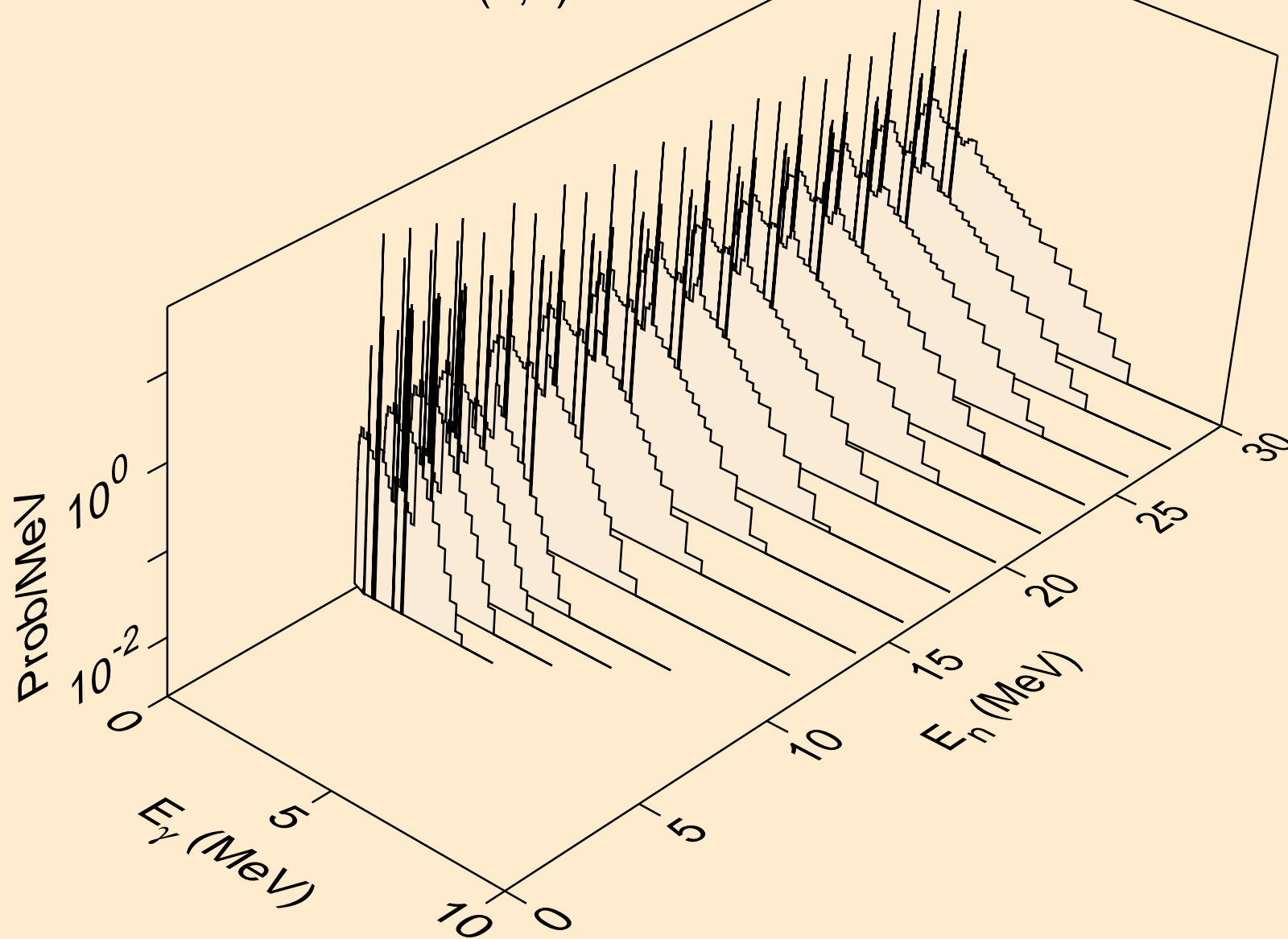


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

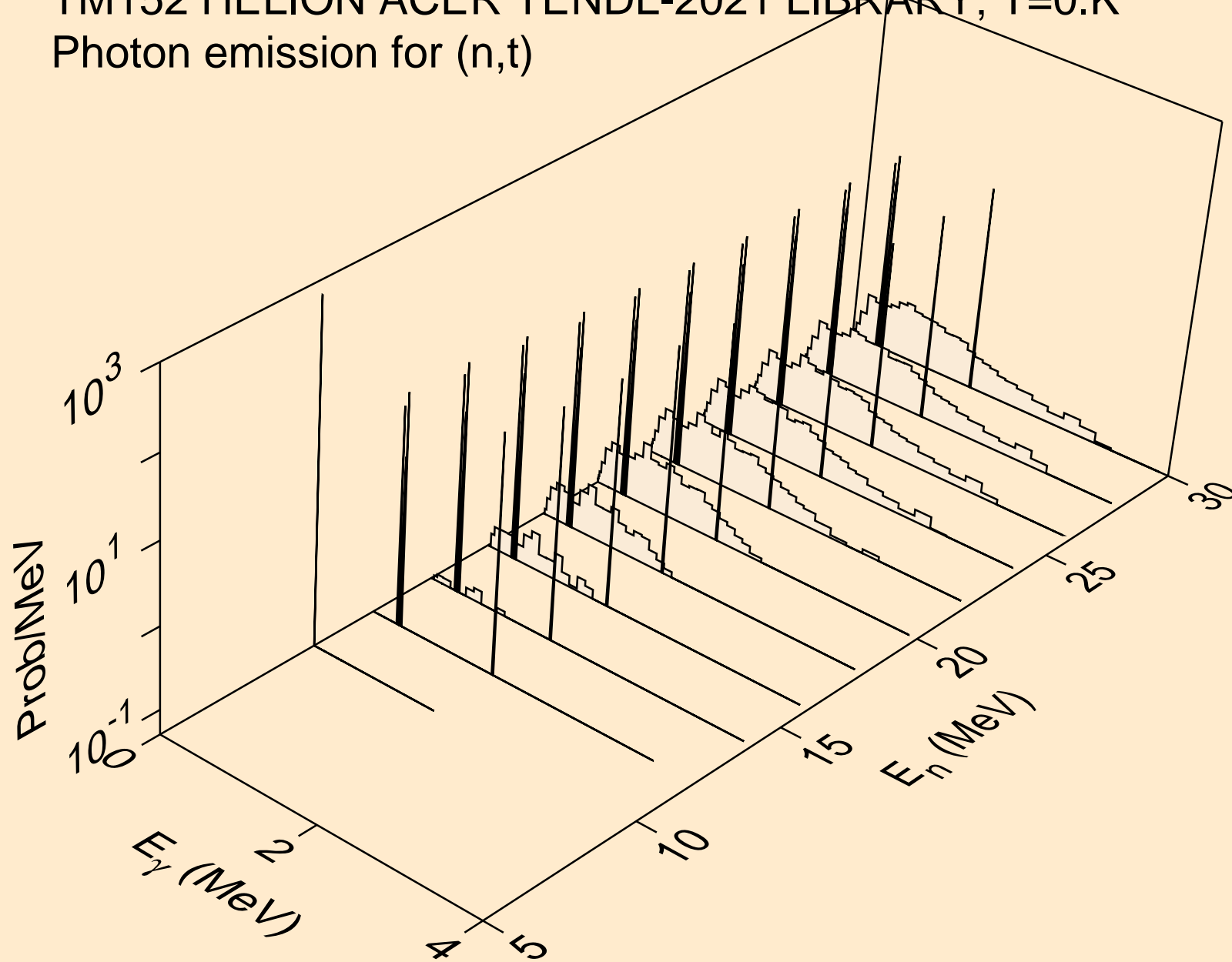




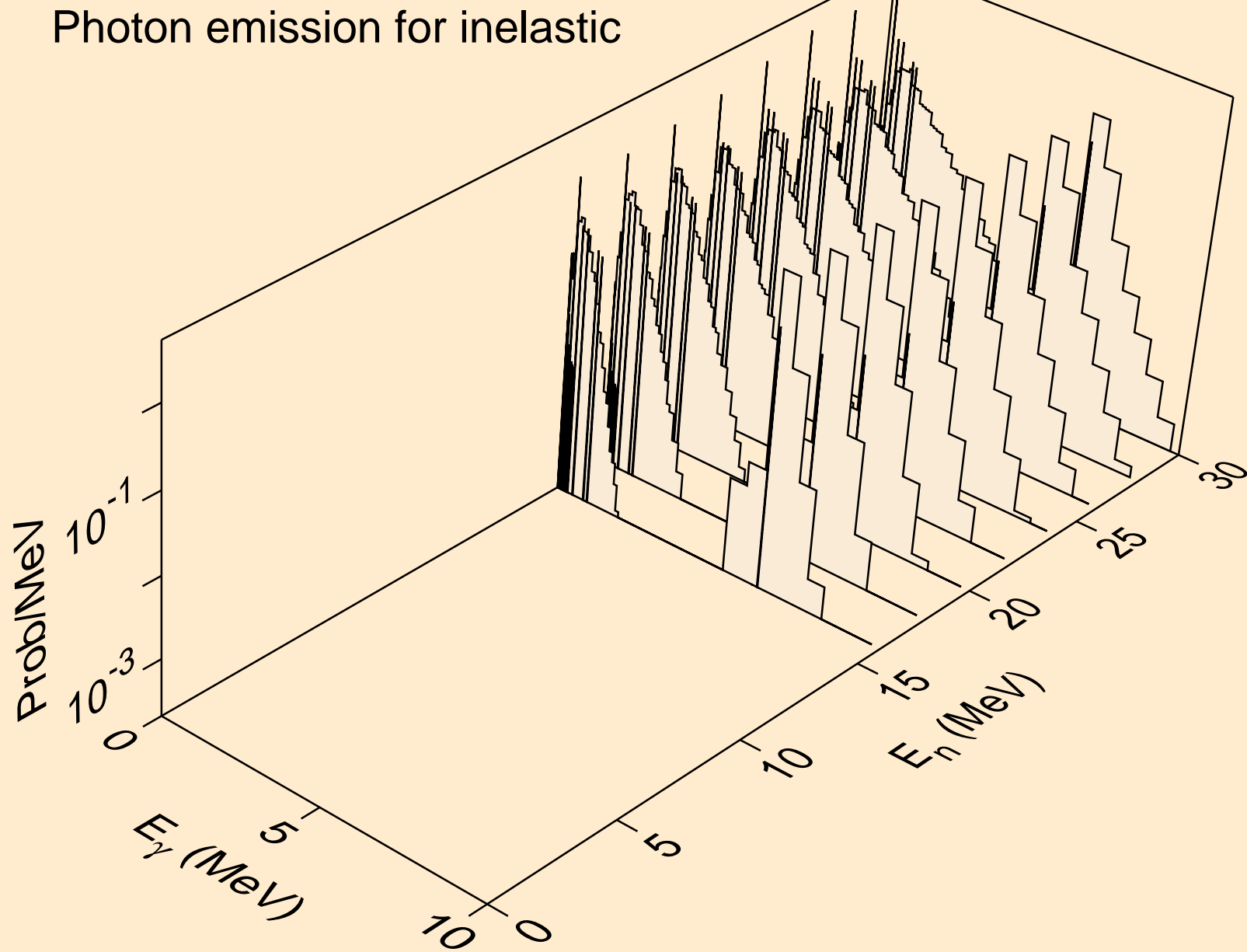
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



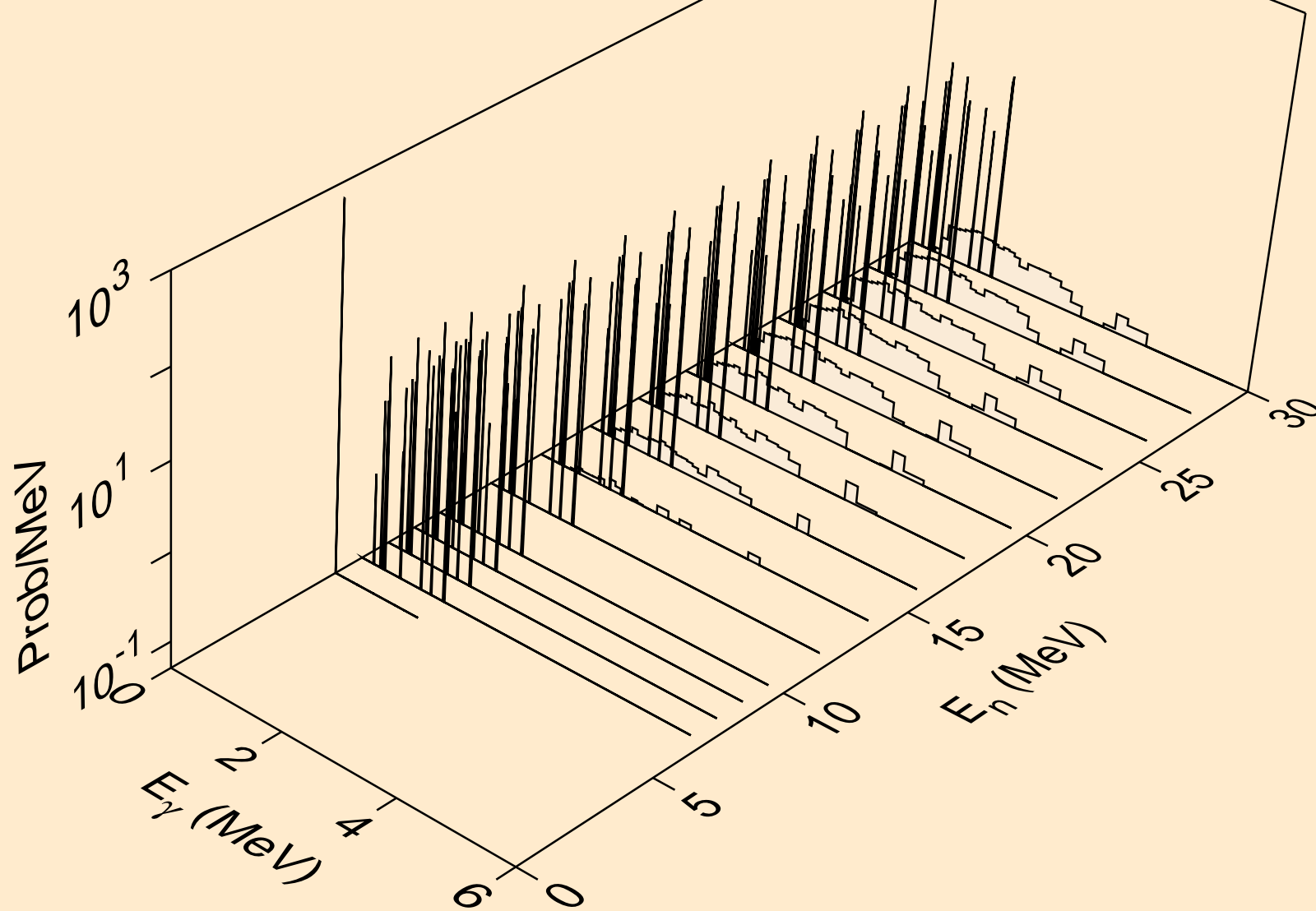
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



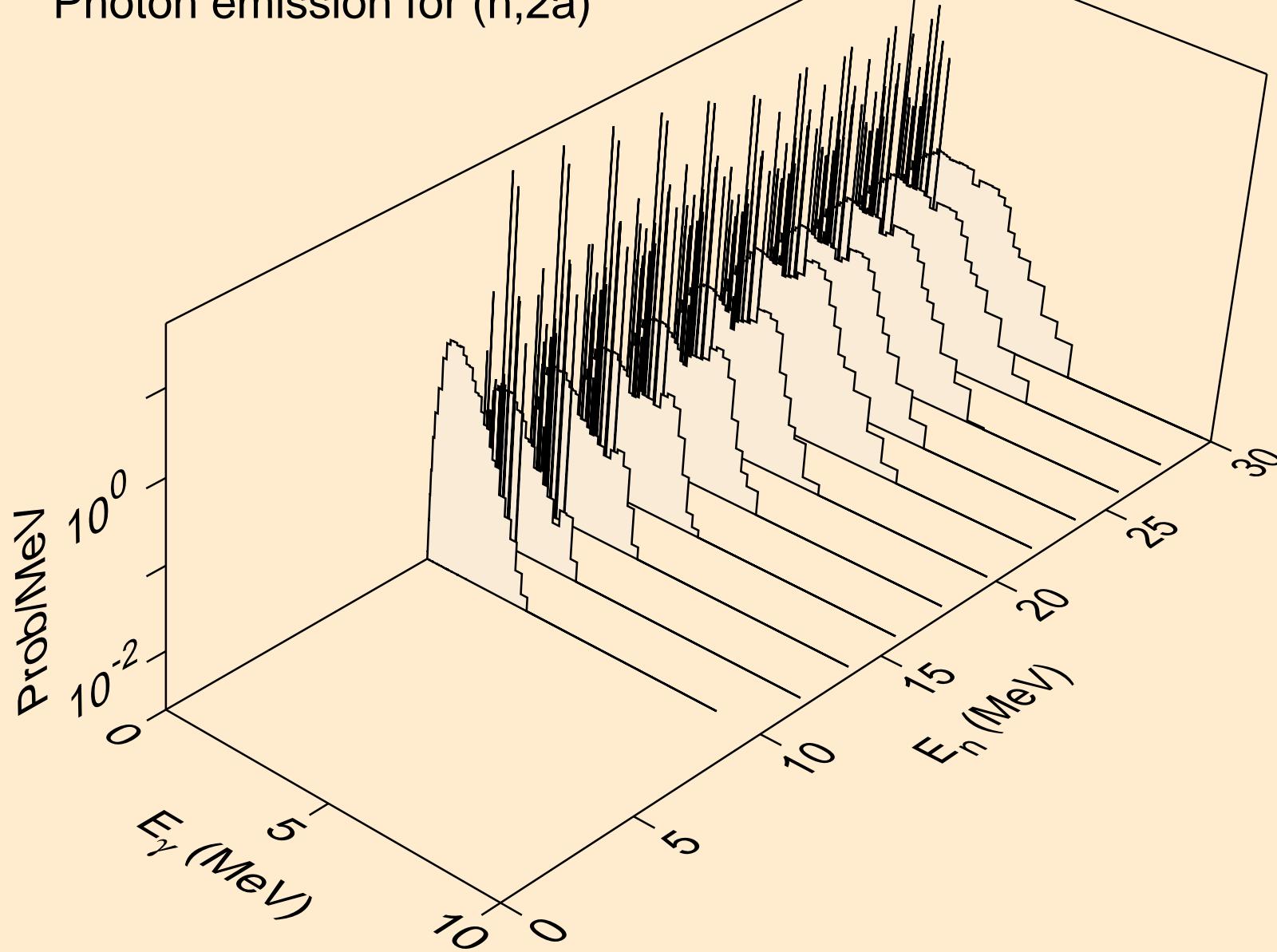
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



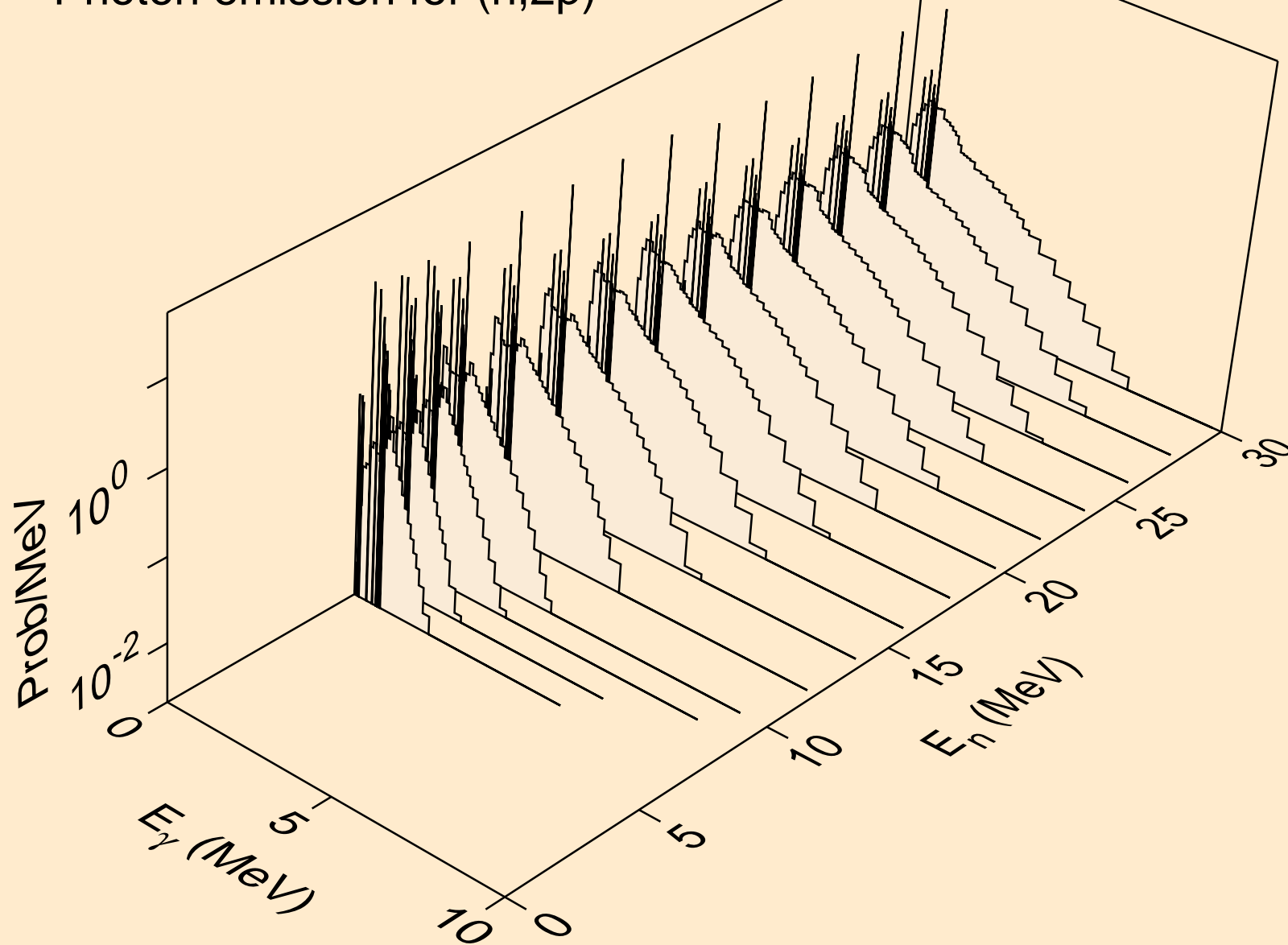
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



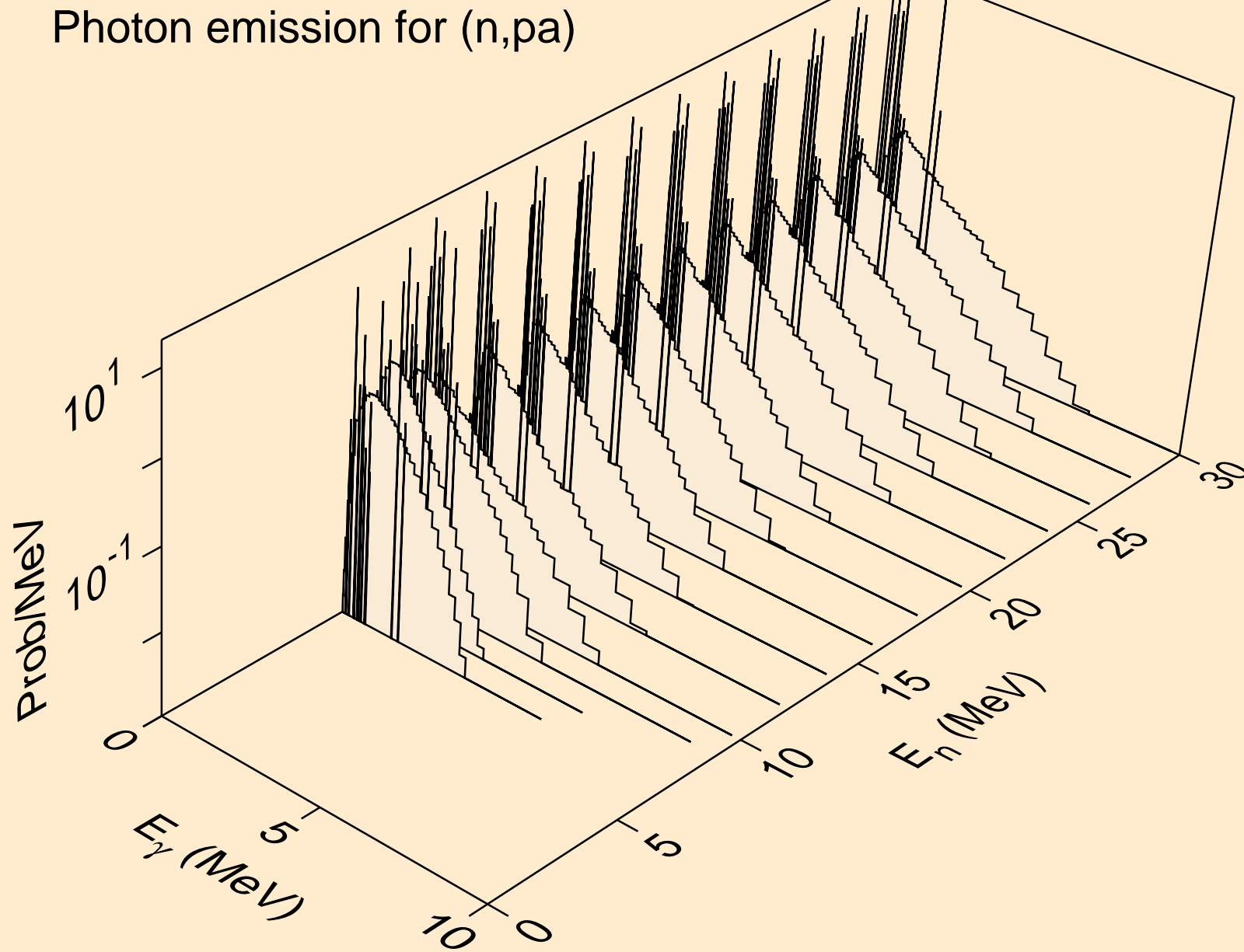
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



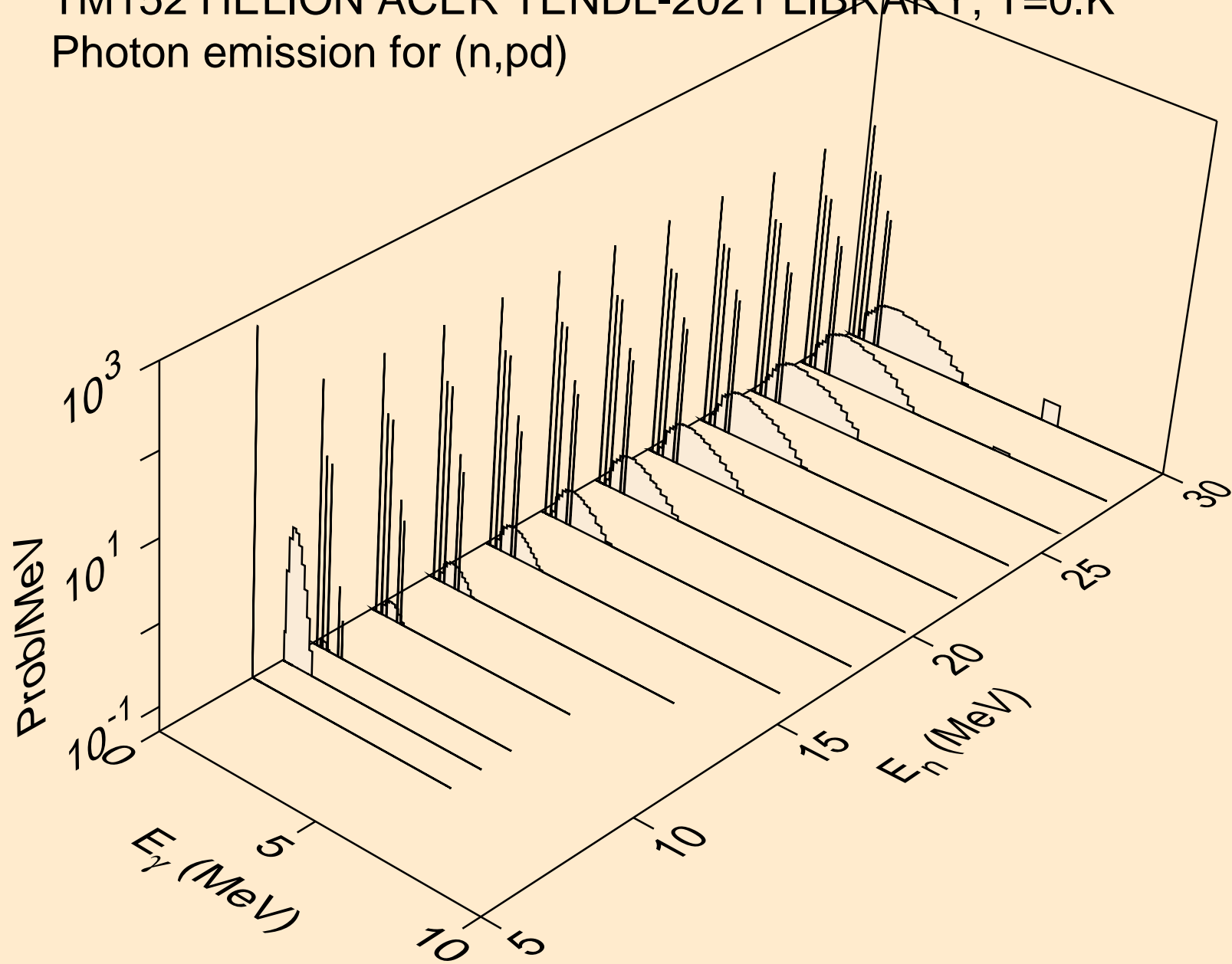
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

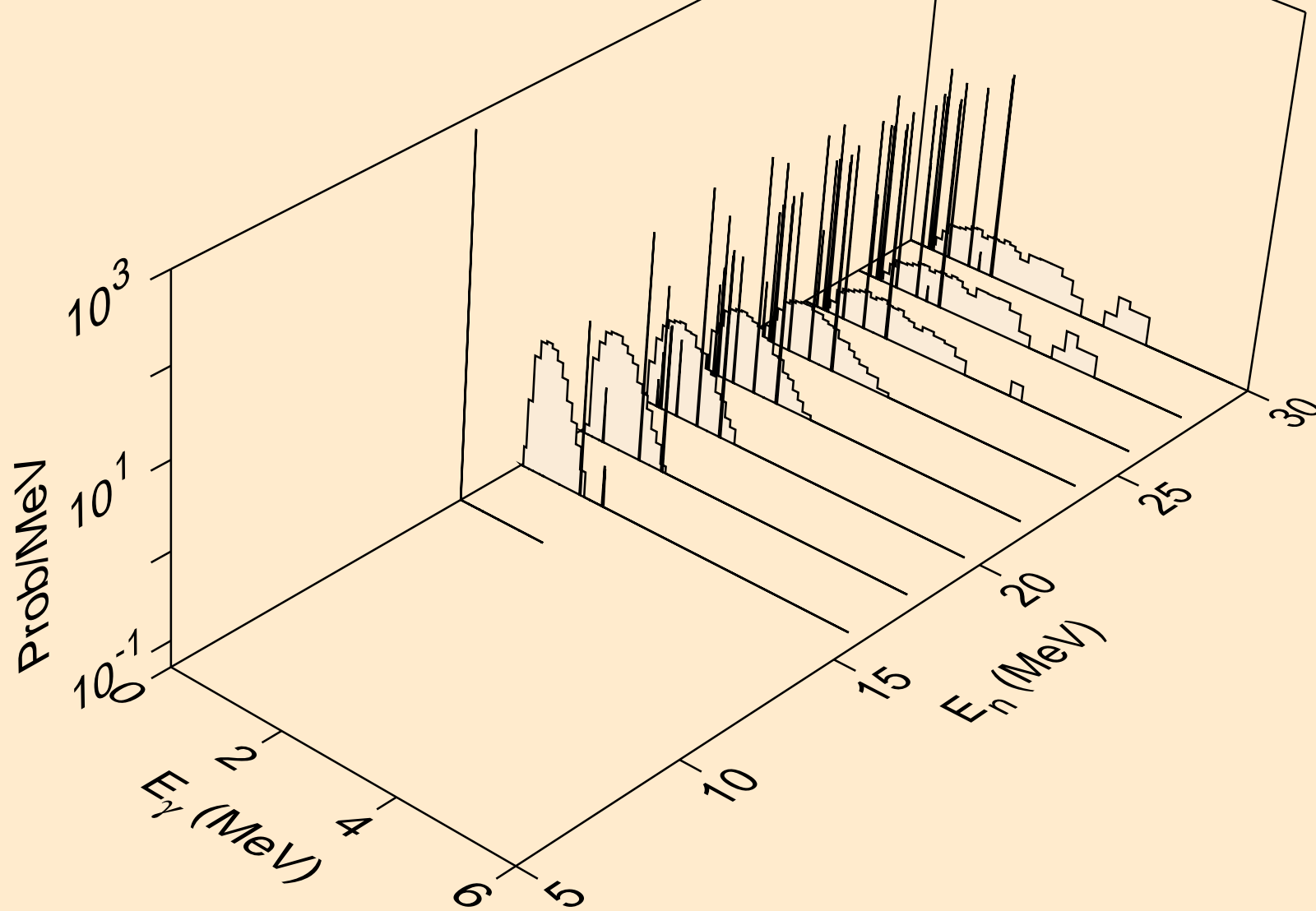


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

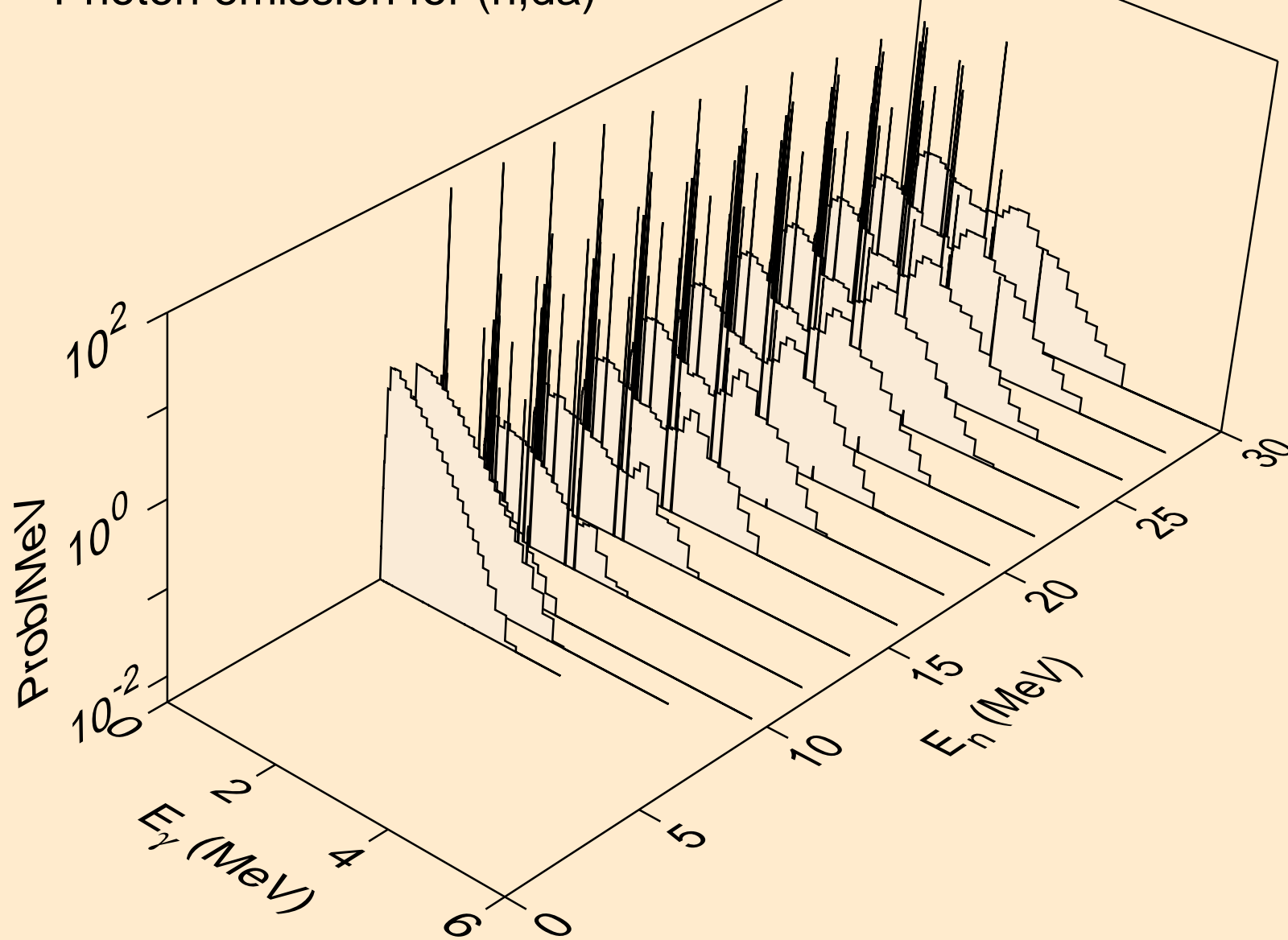




TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

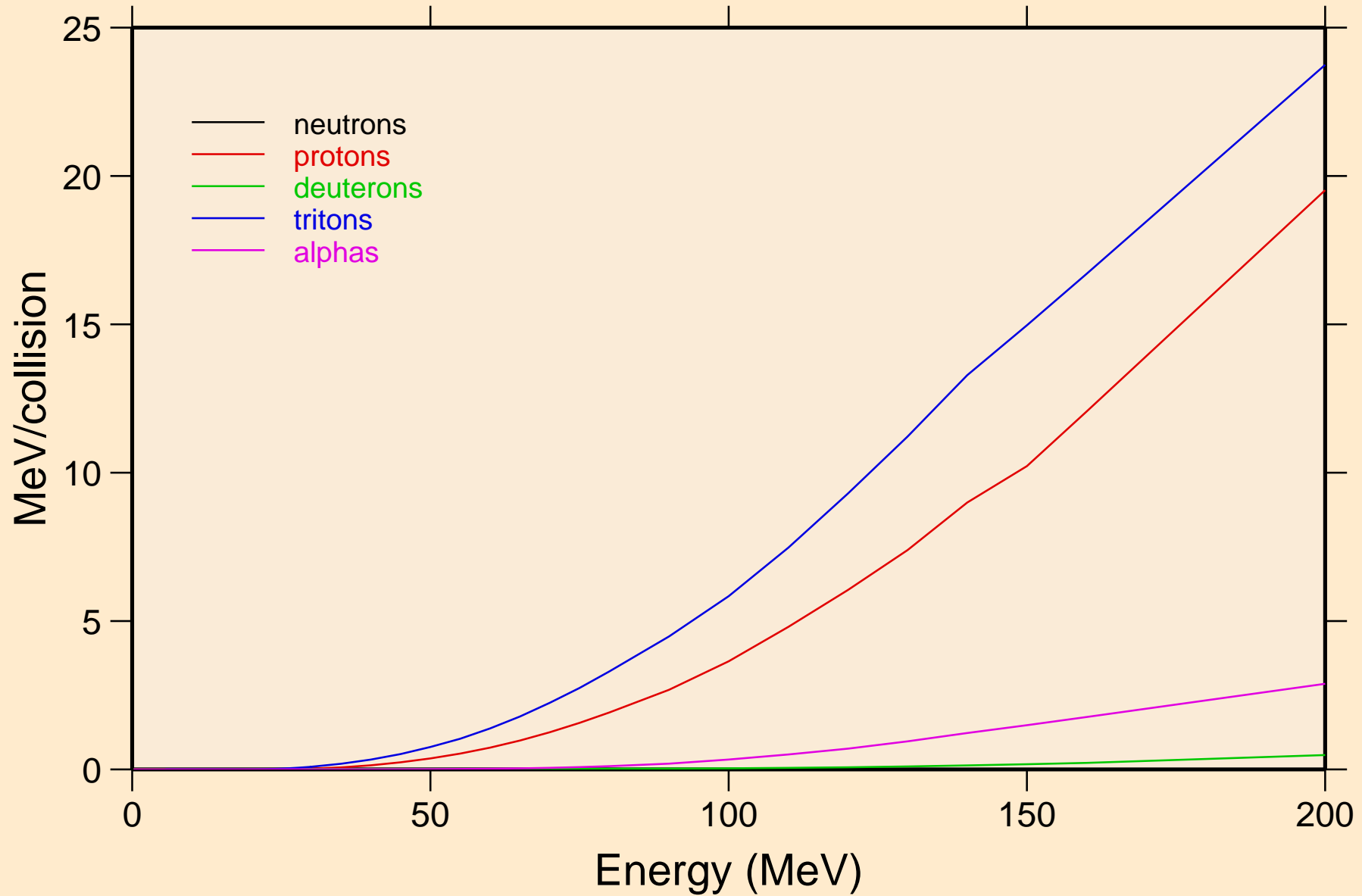


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

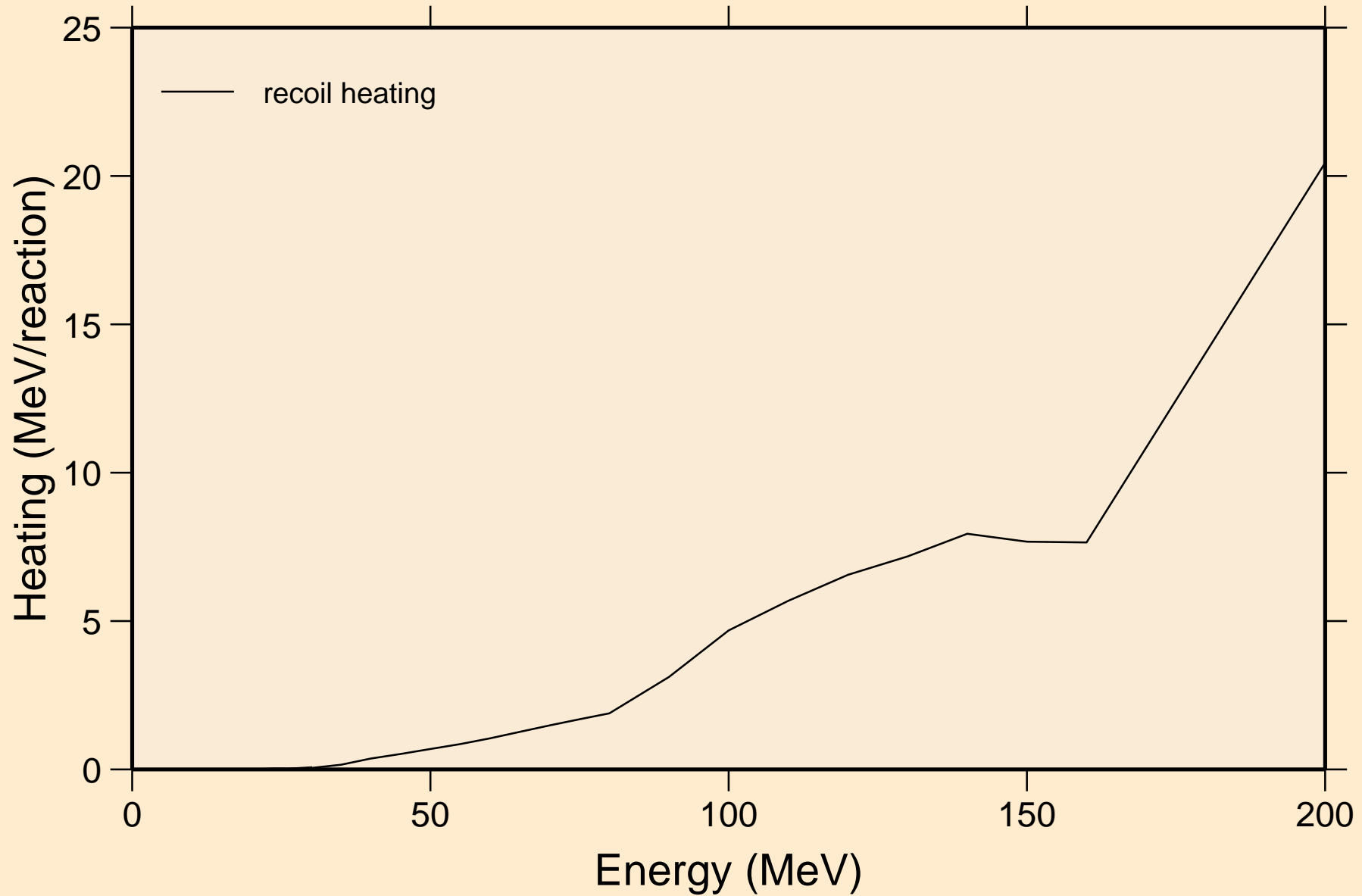


# TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K

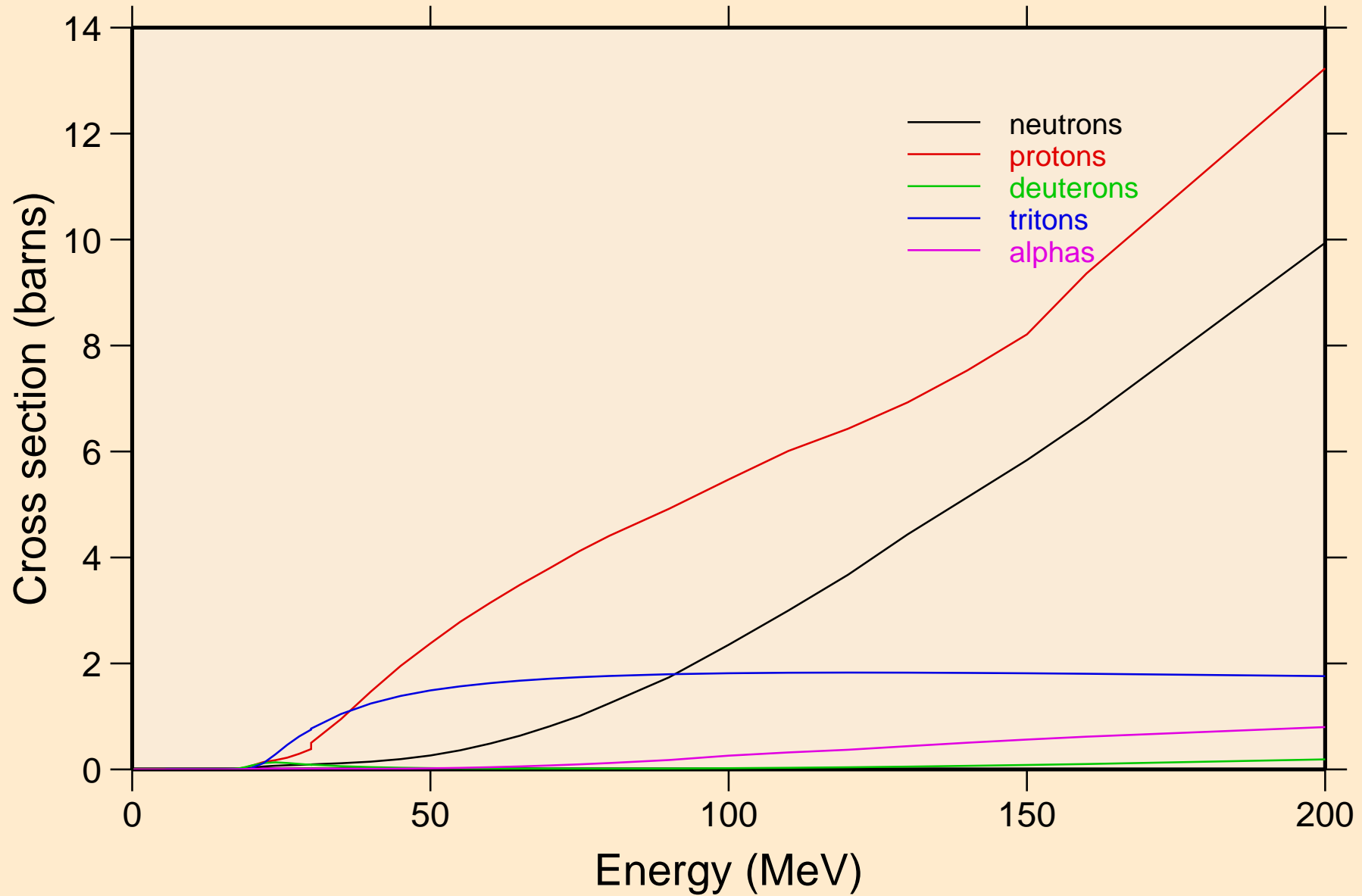
## Particle heating contributions



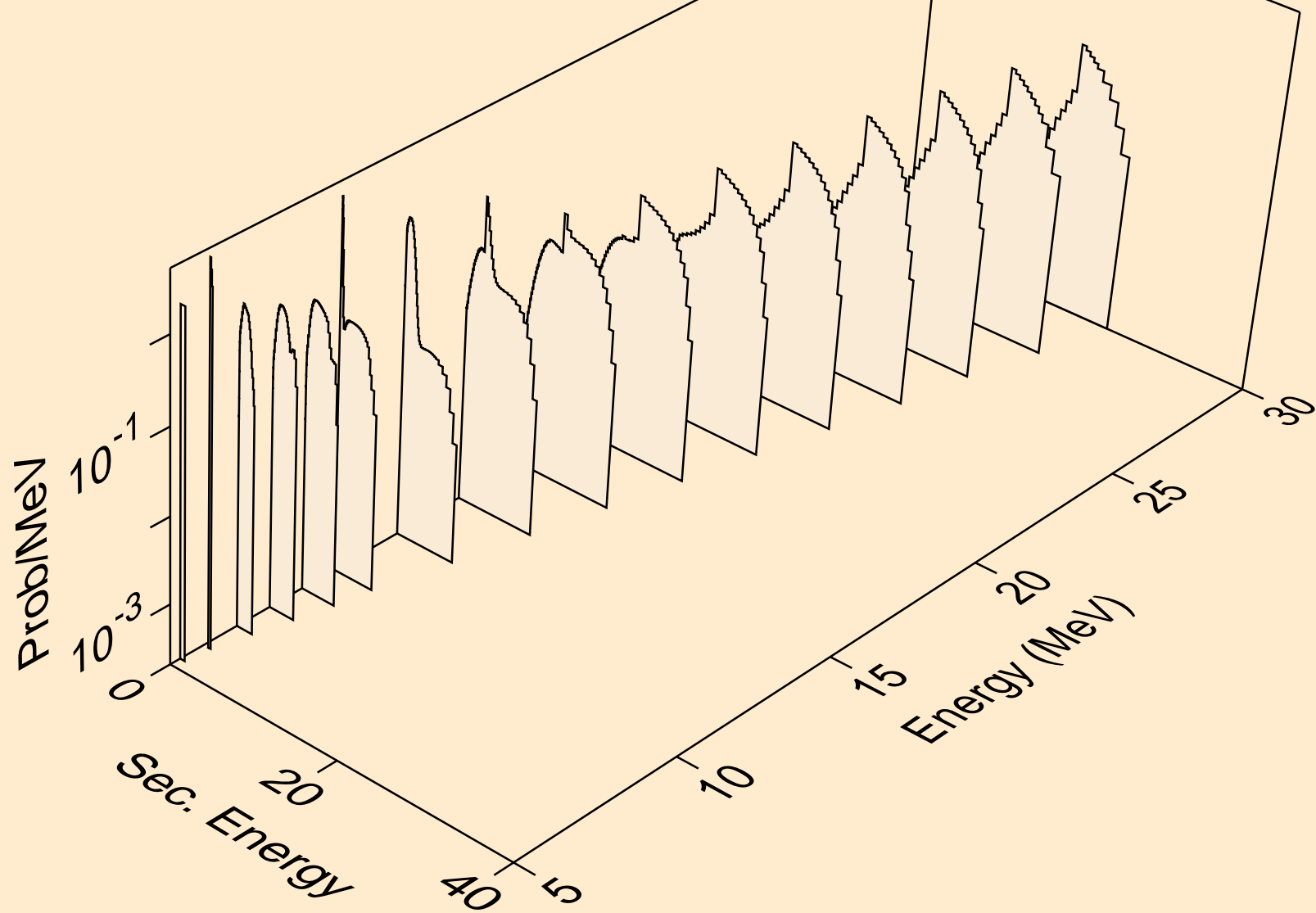
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



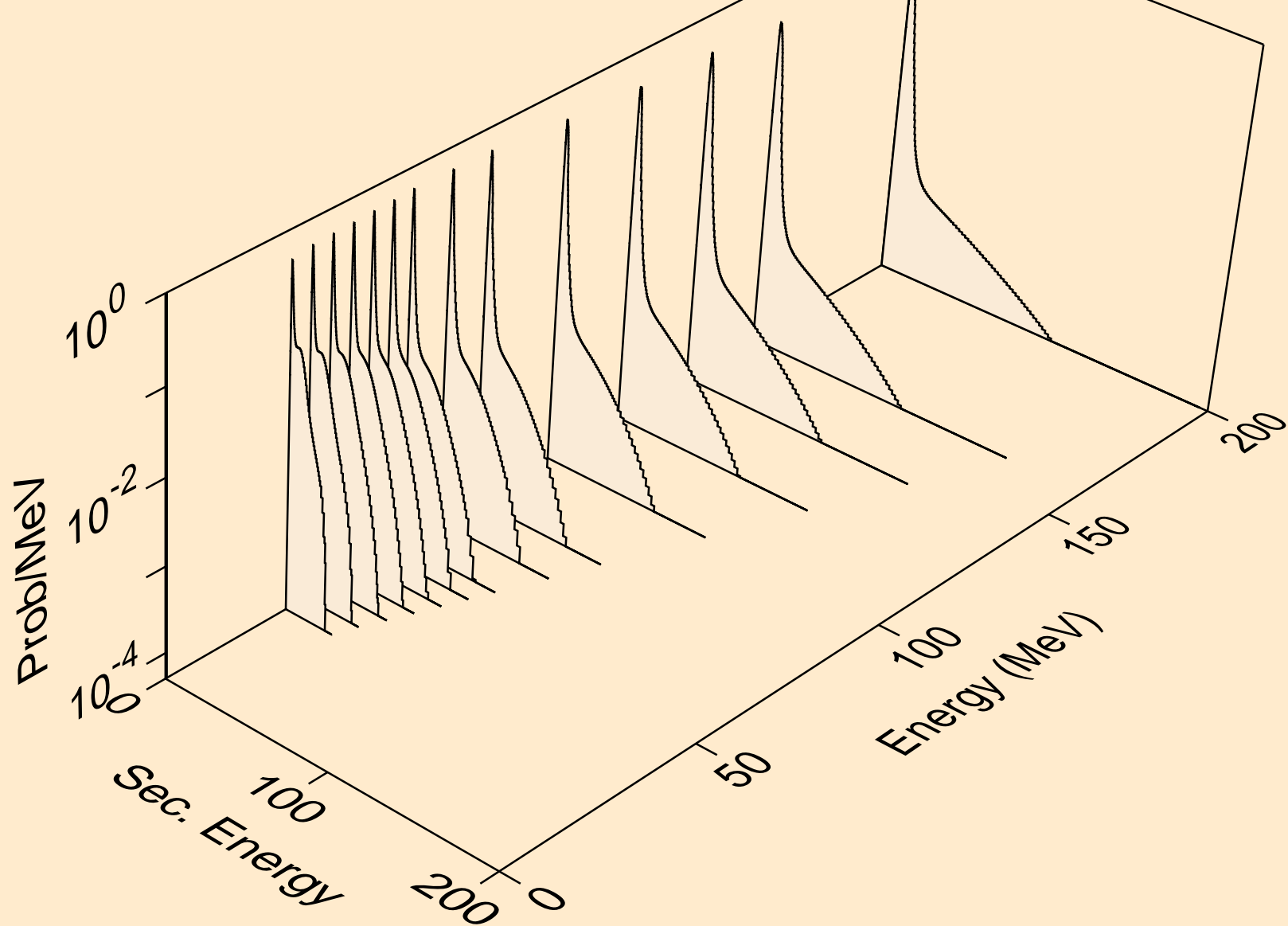
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



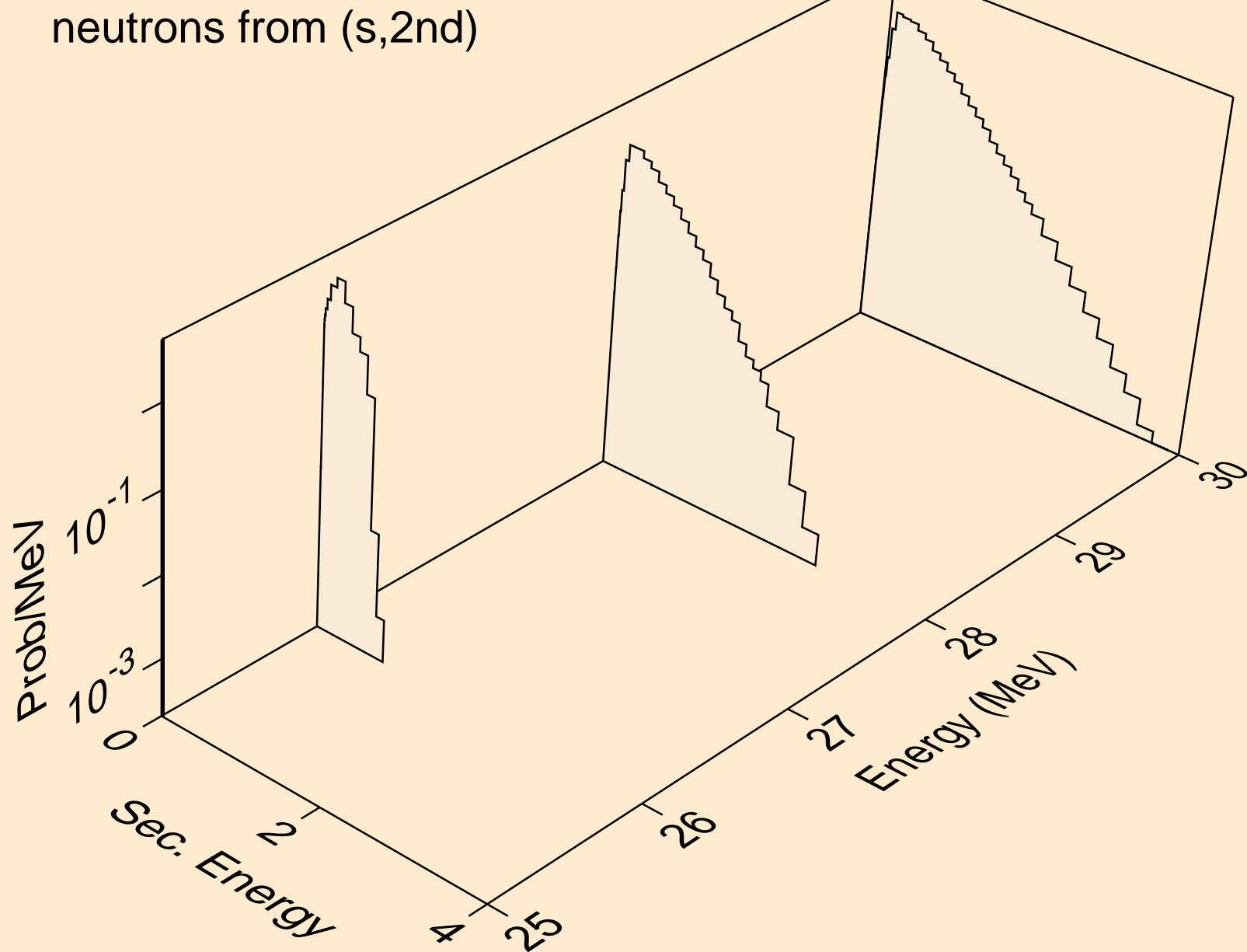
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

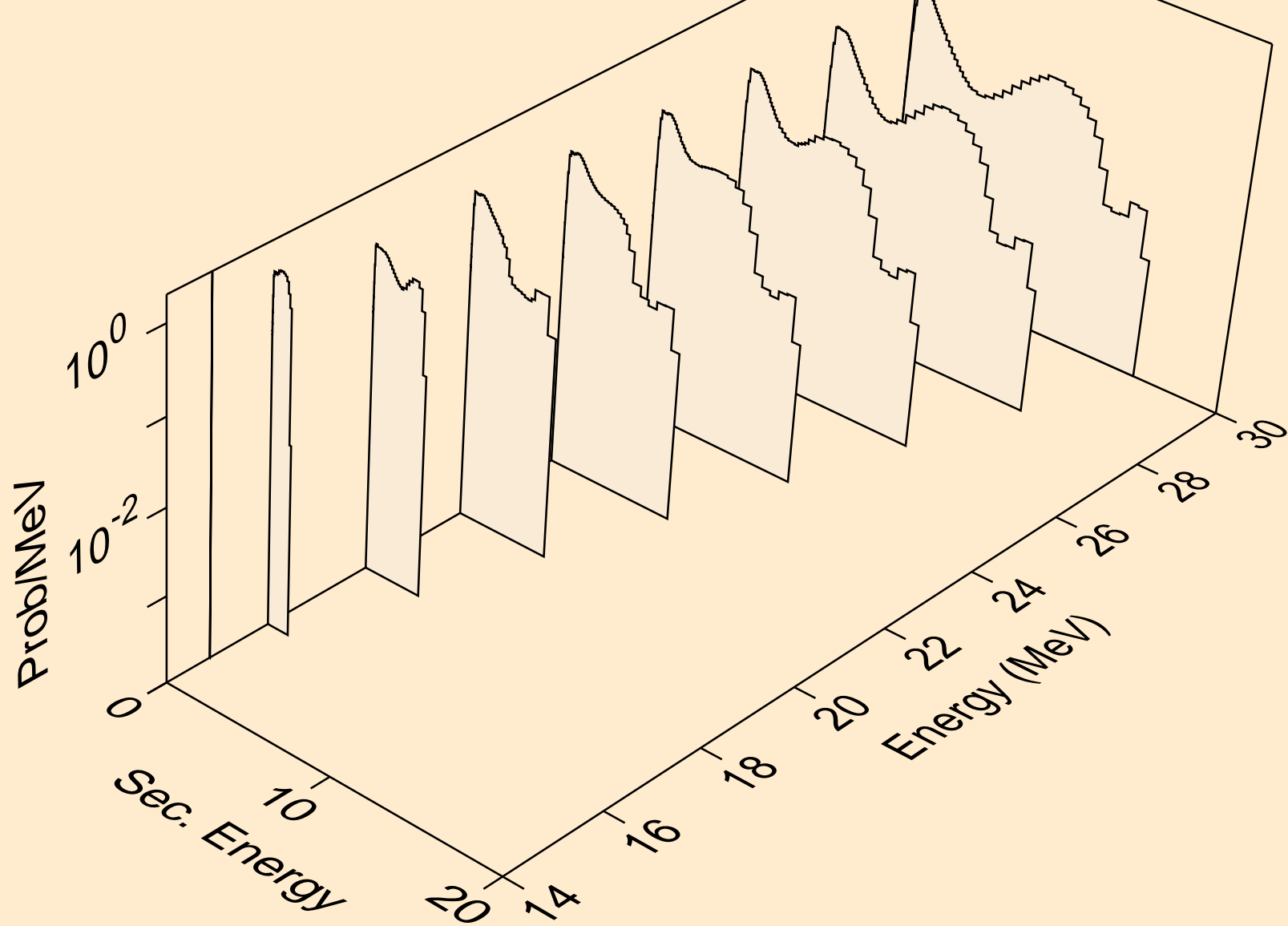


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)

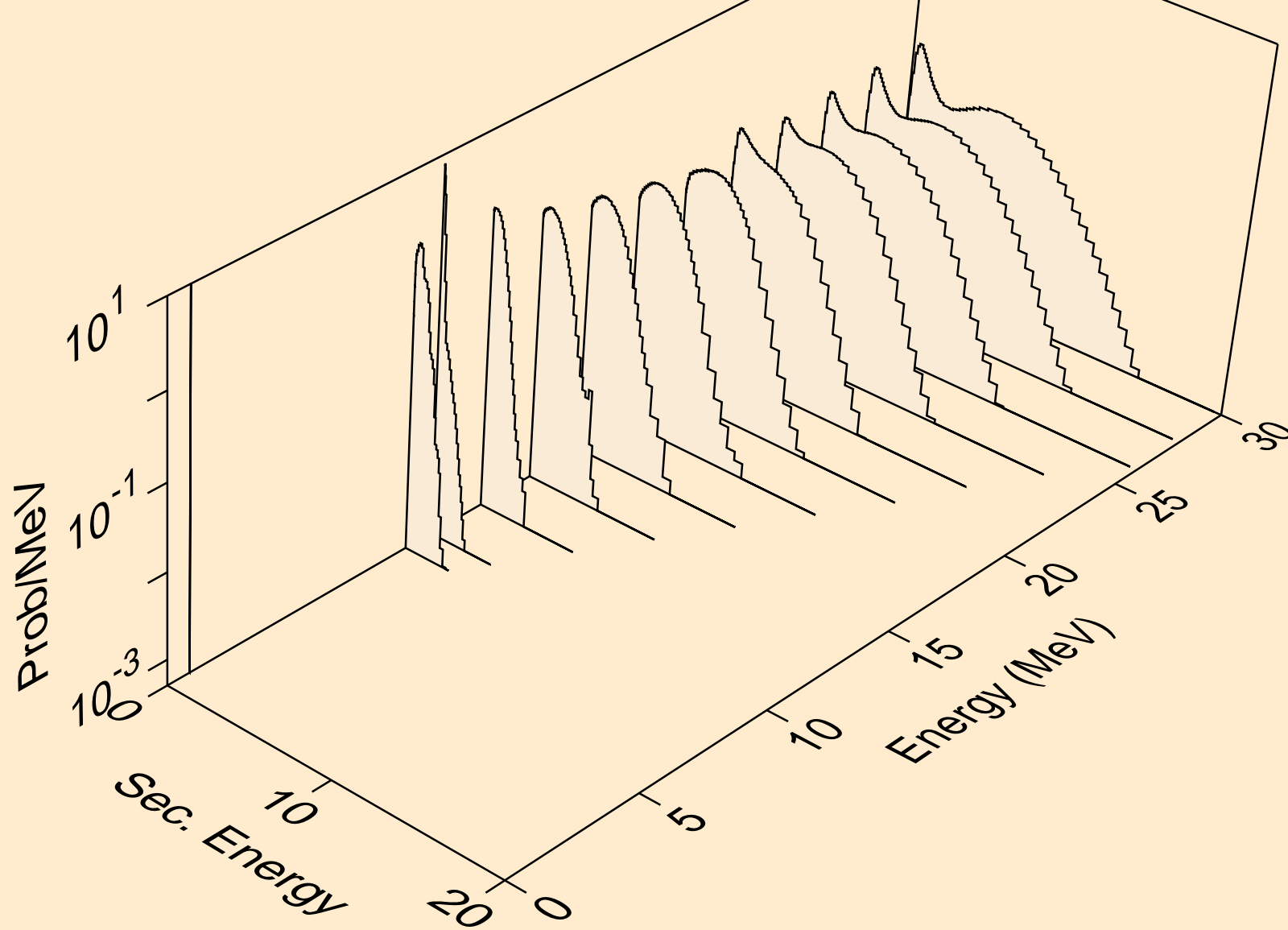




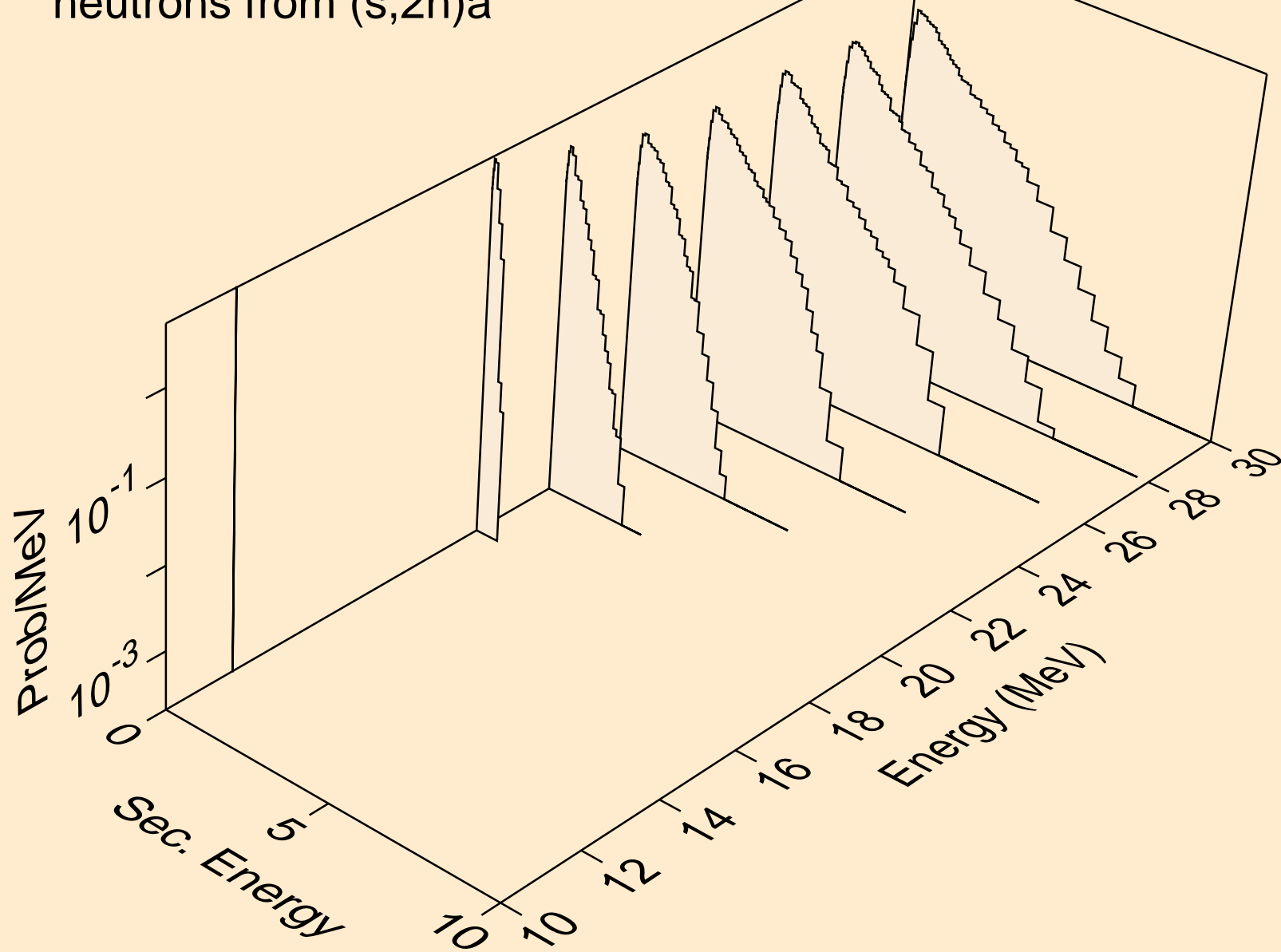
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



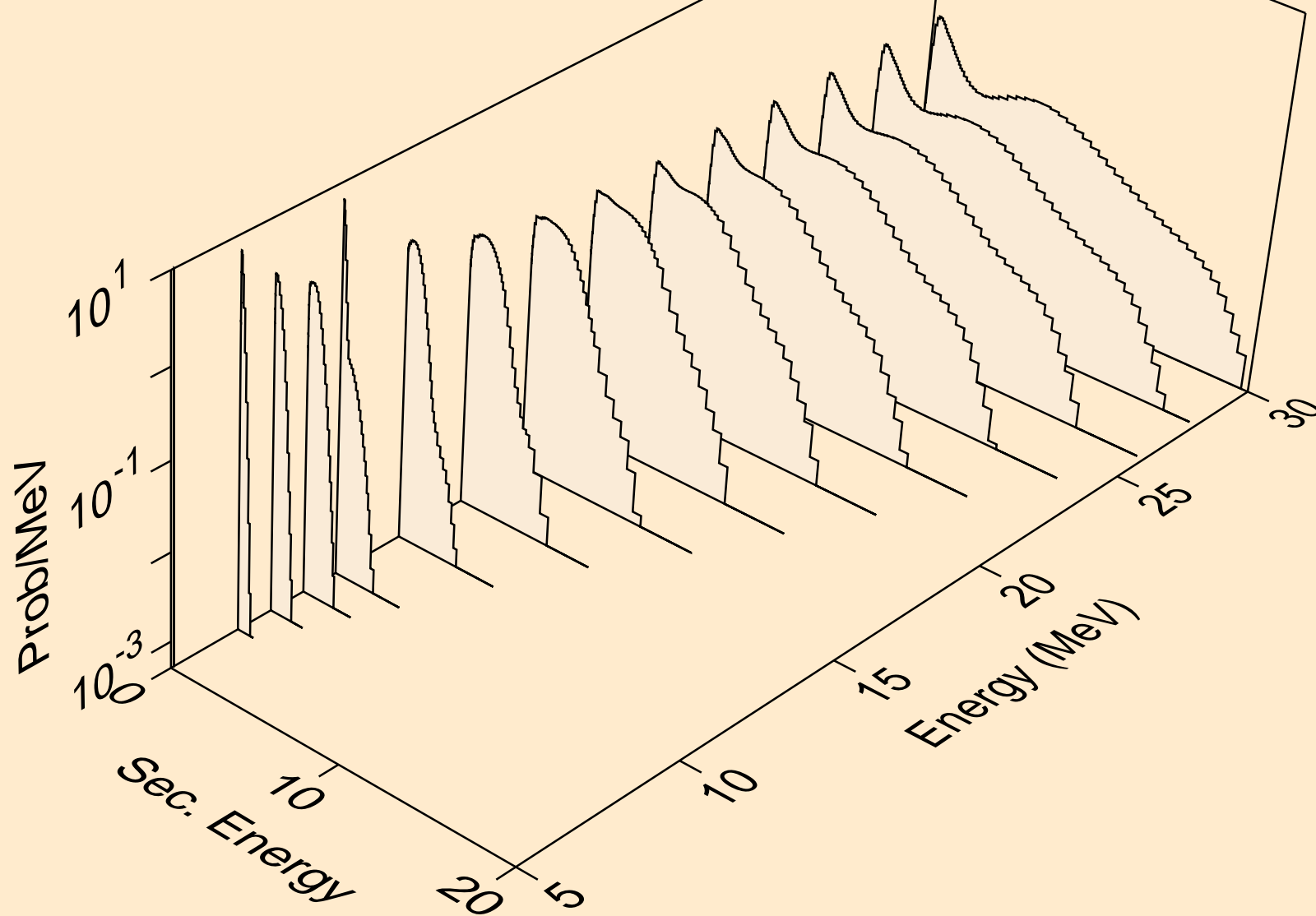
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



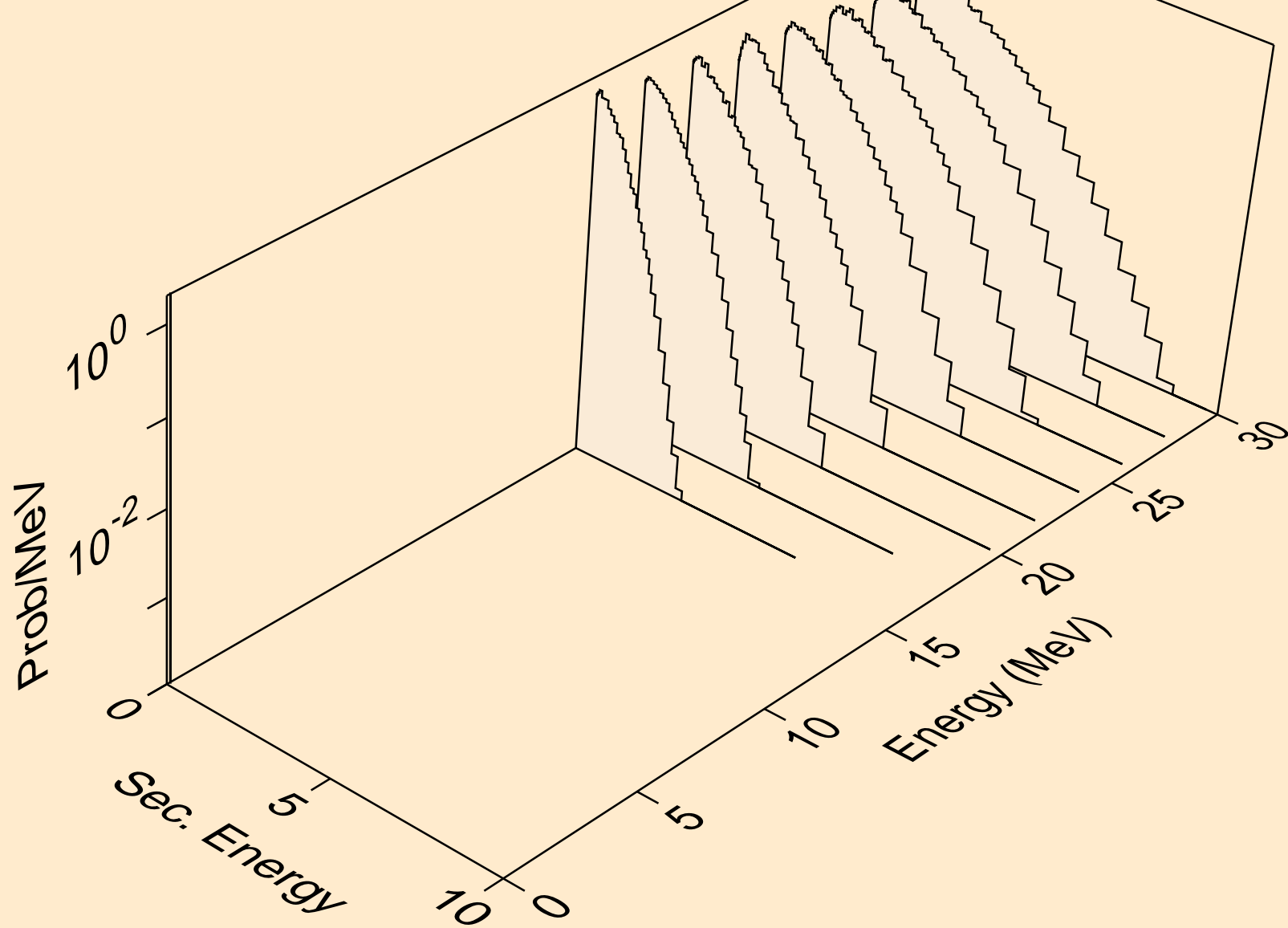
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



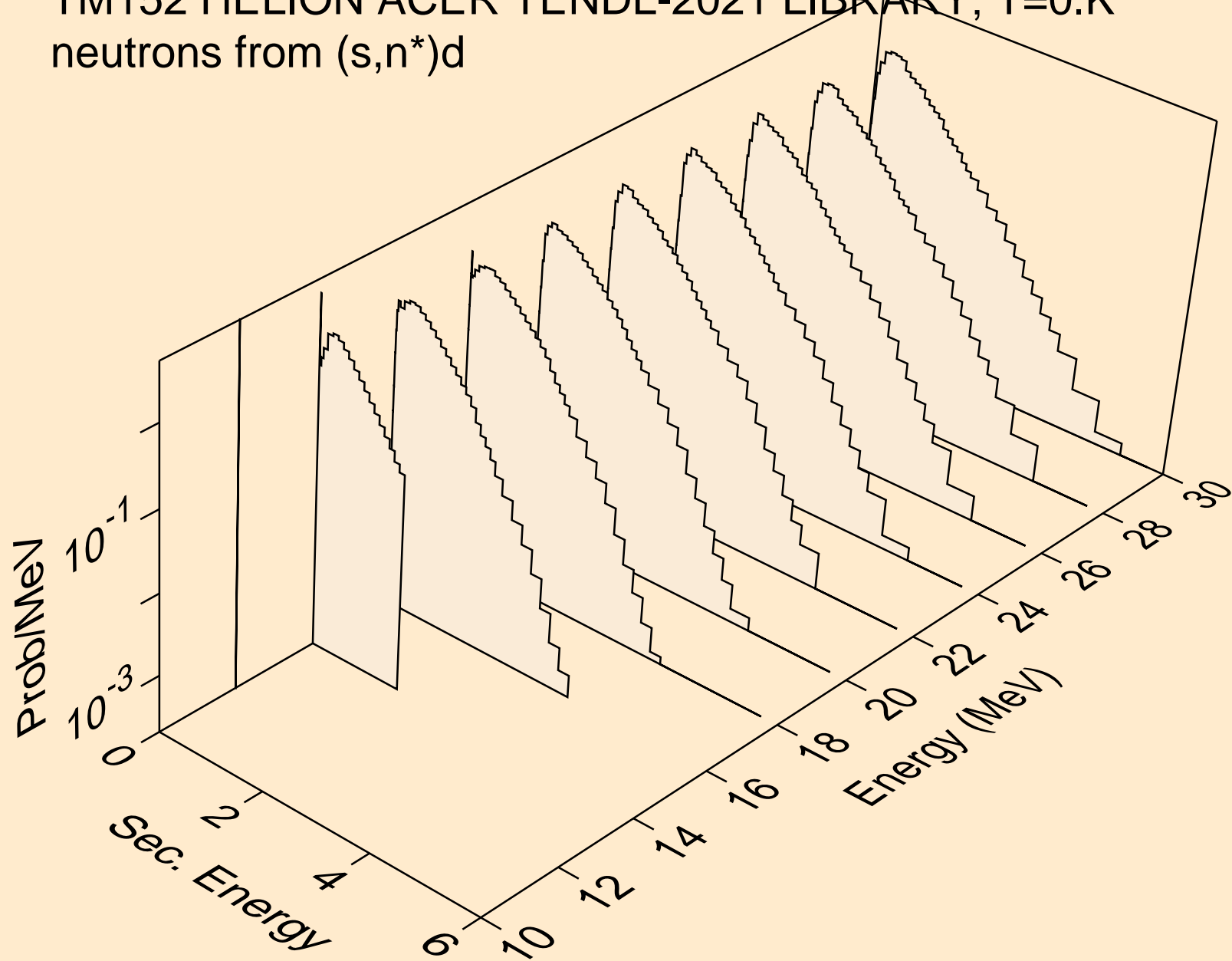
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



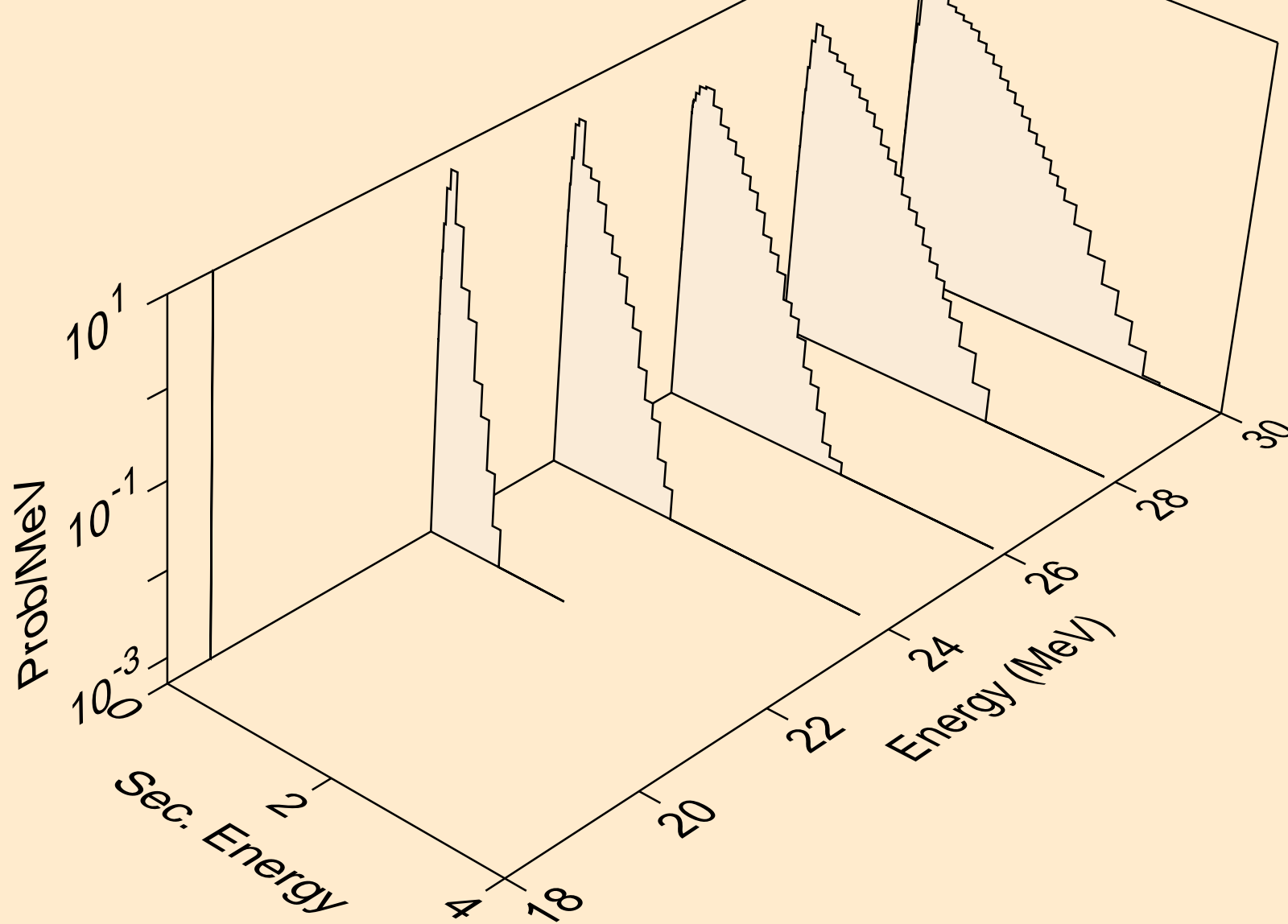
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neutrons from (s,n\*)2a



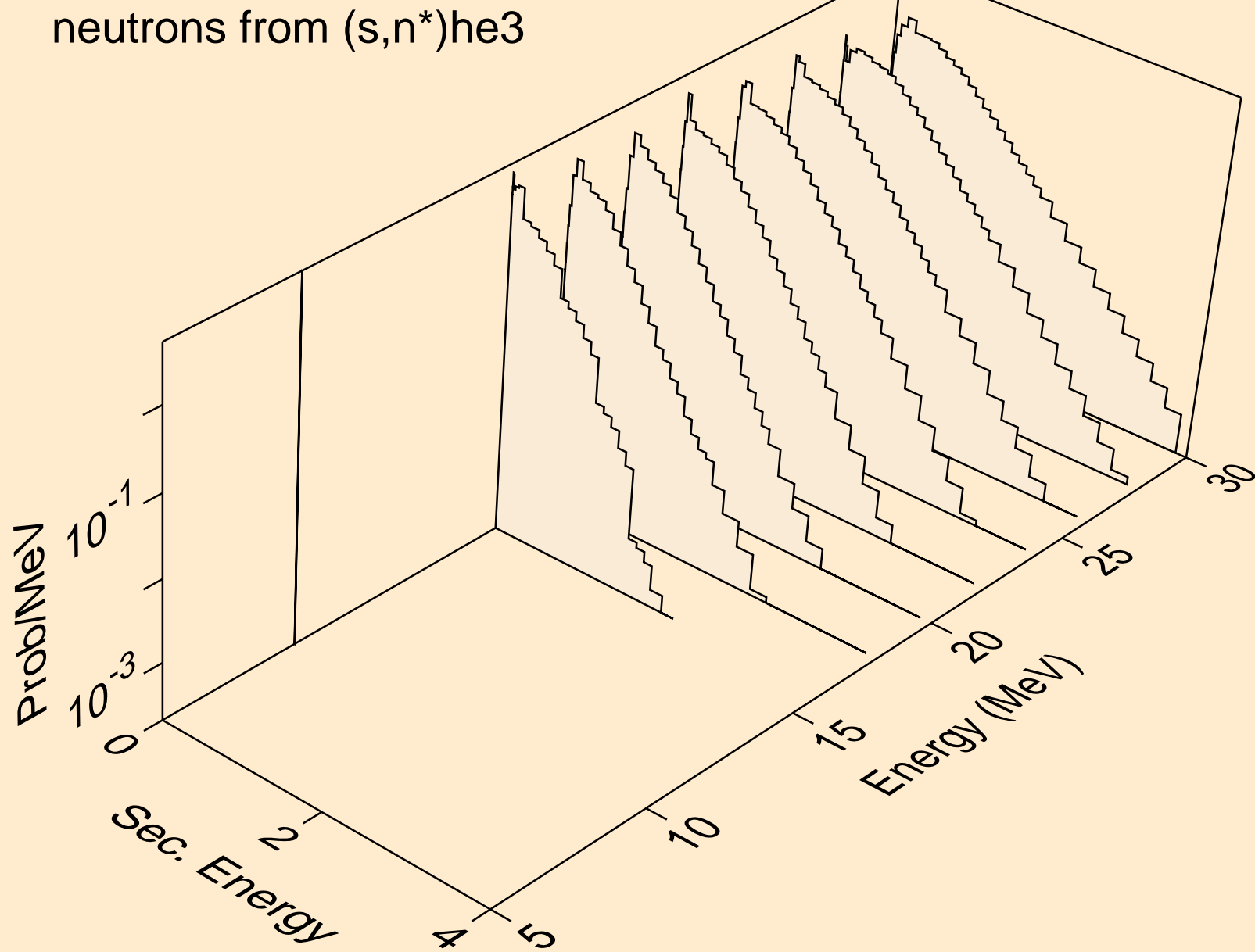
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

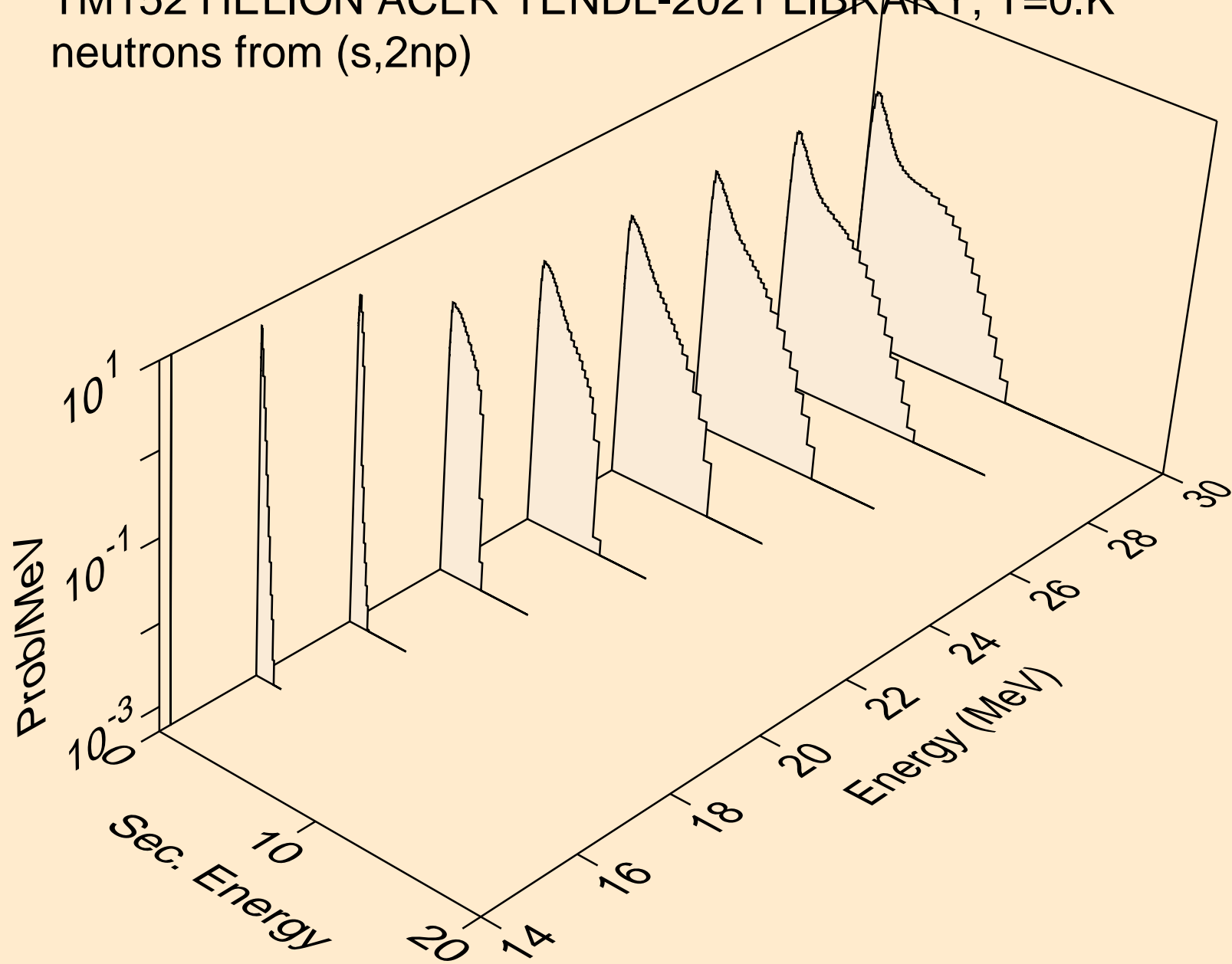


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

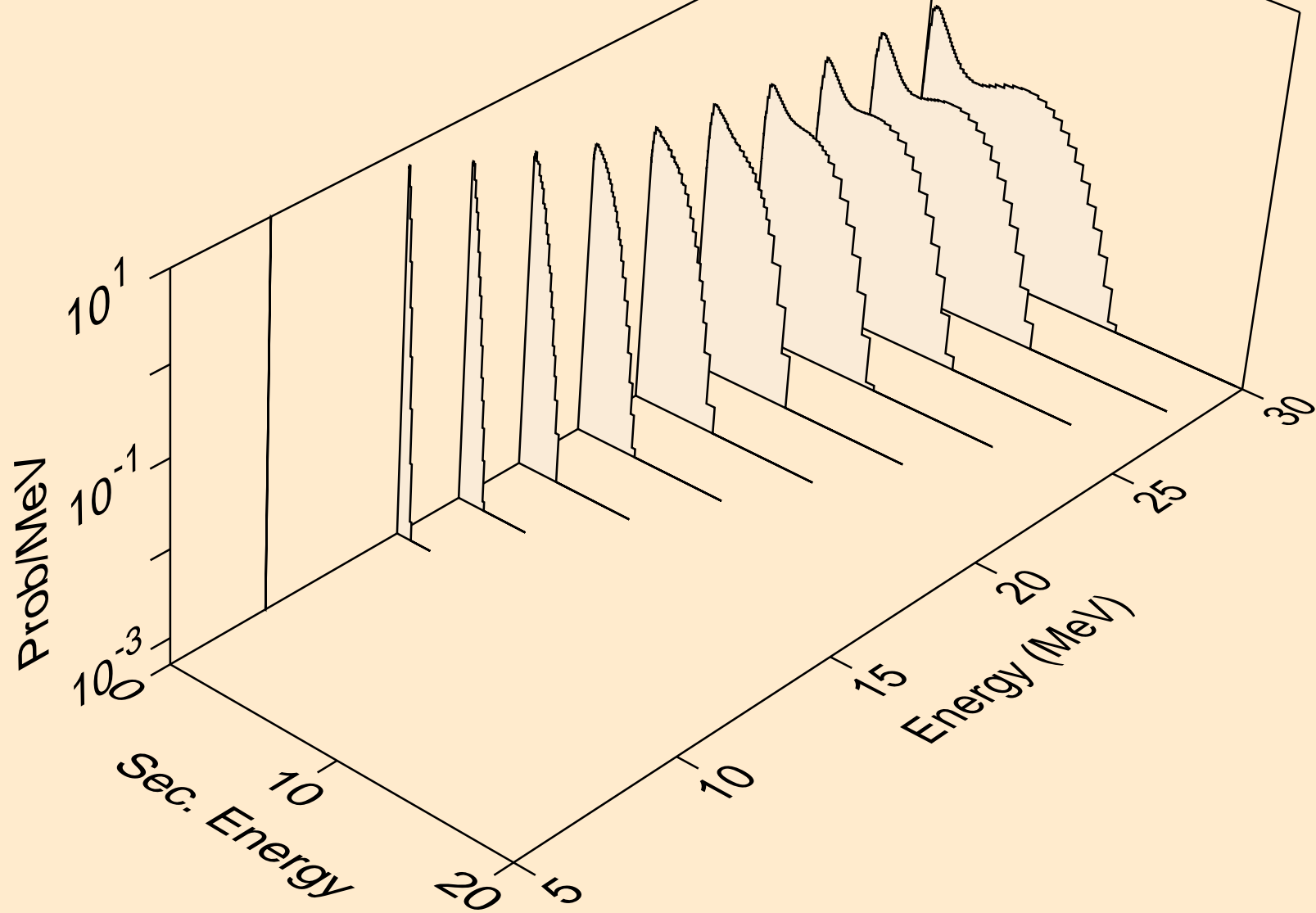




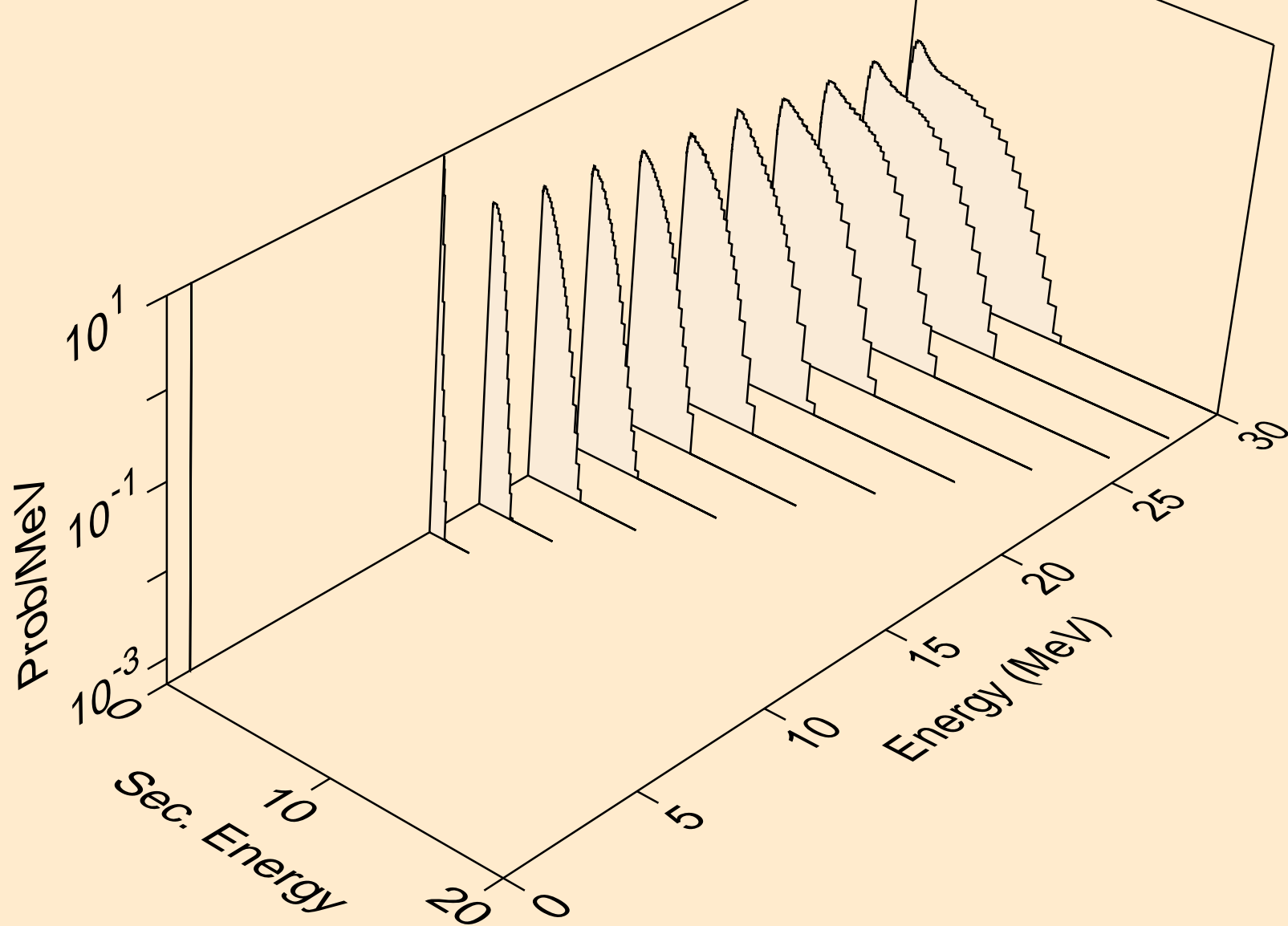
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



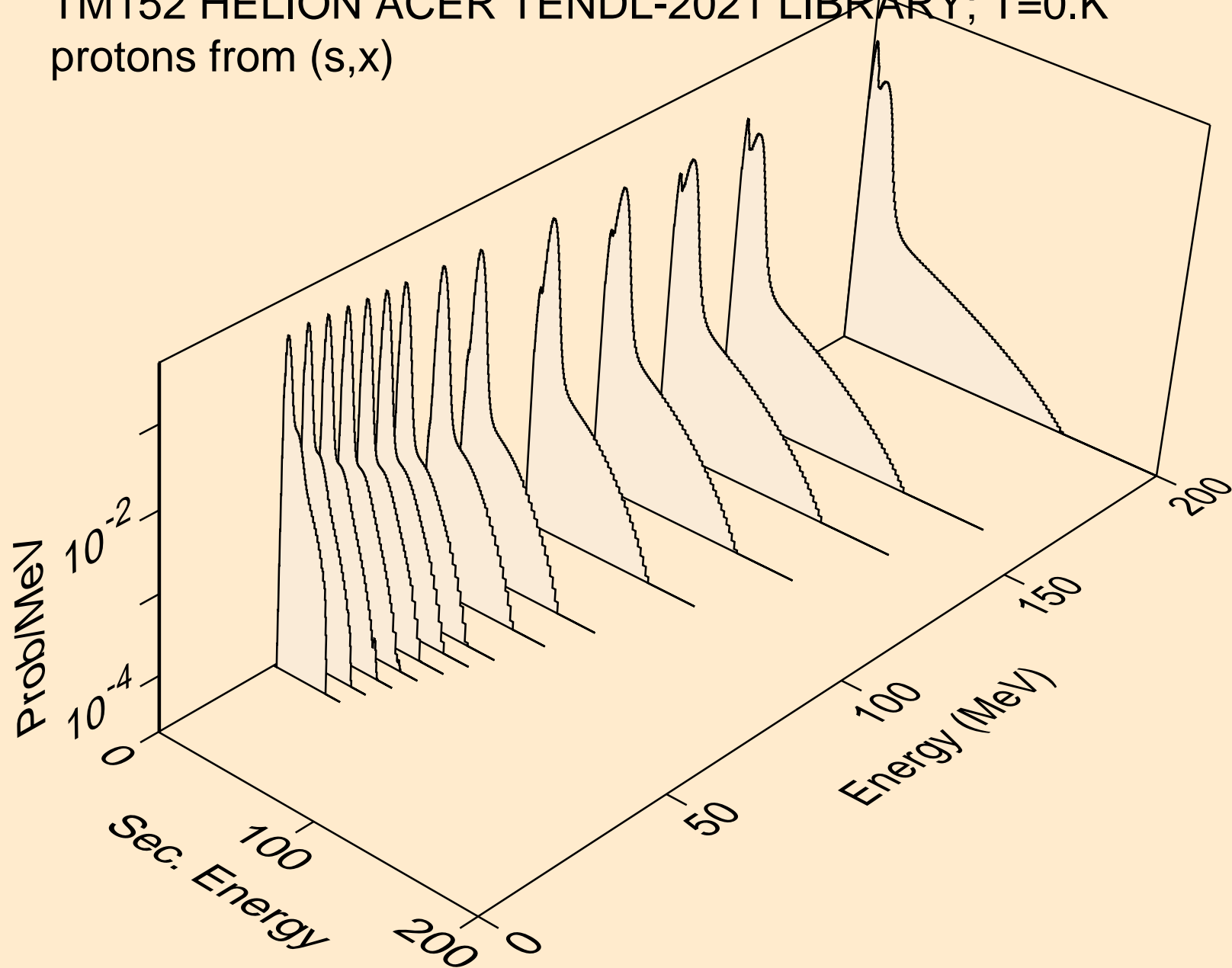
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



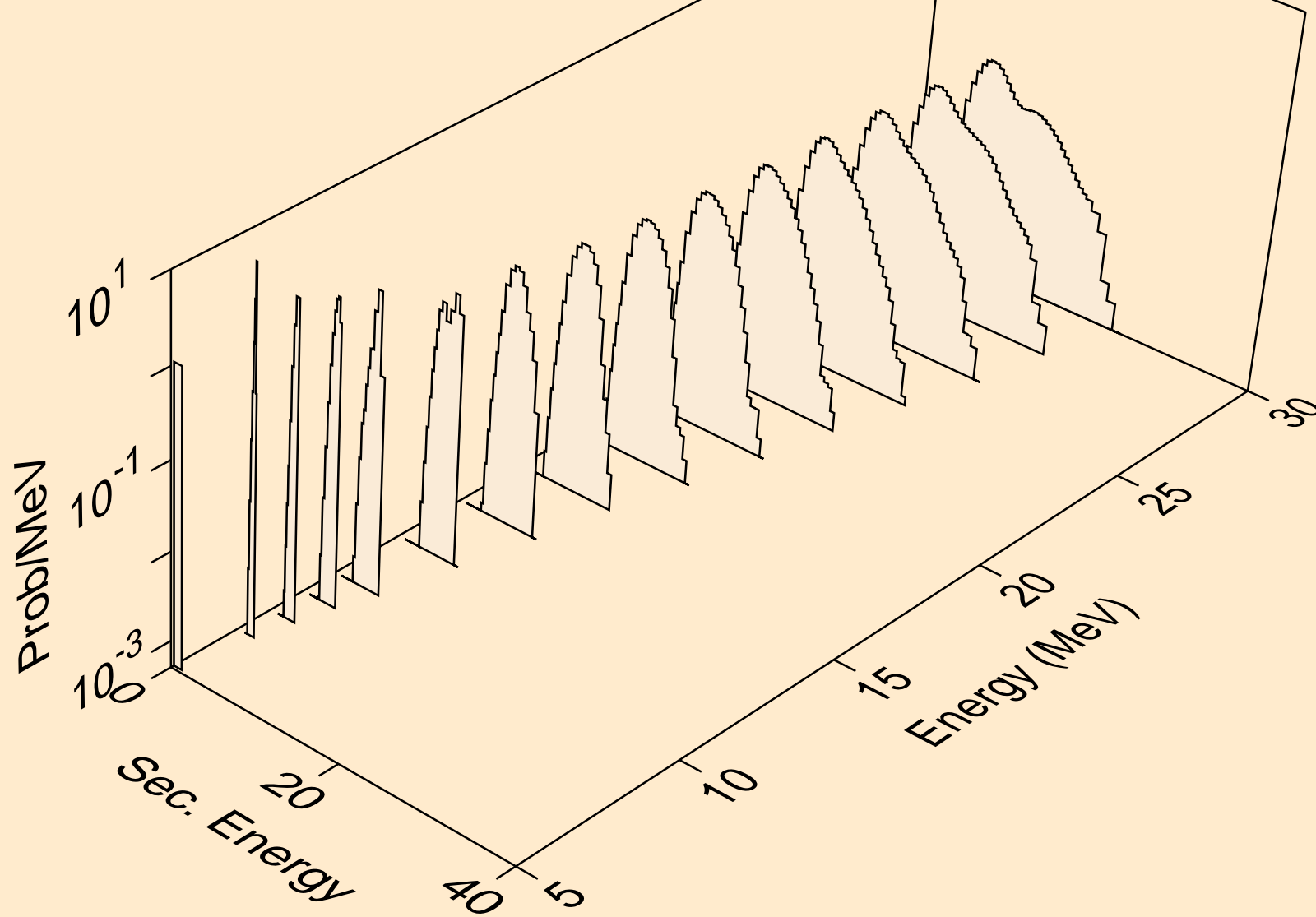
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



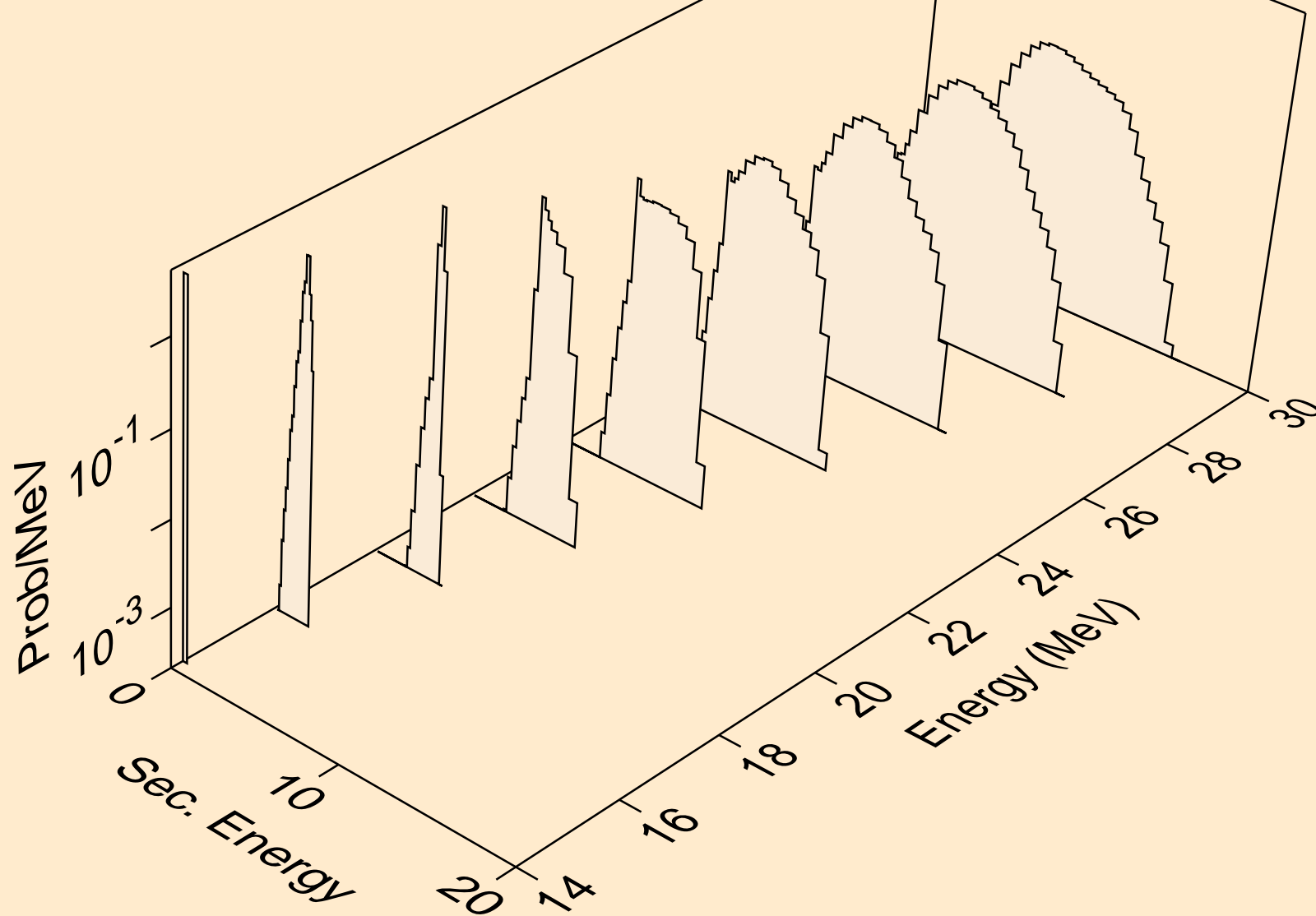
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



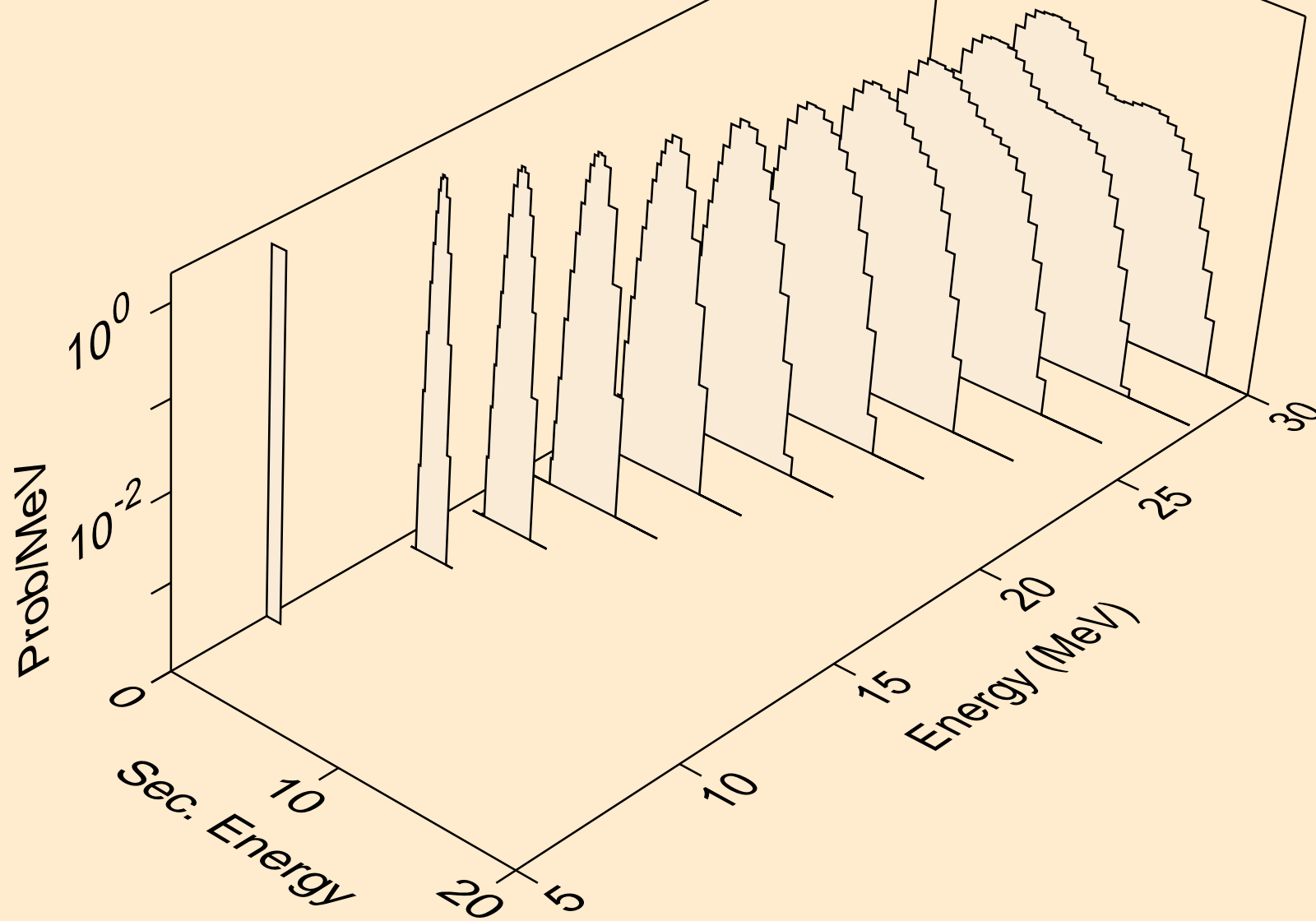
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



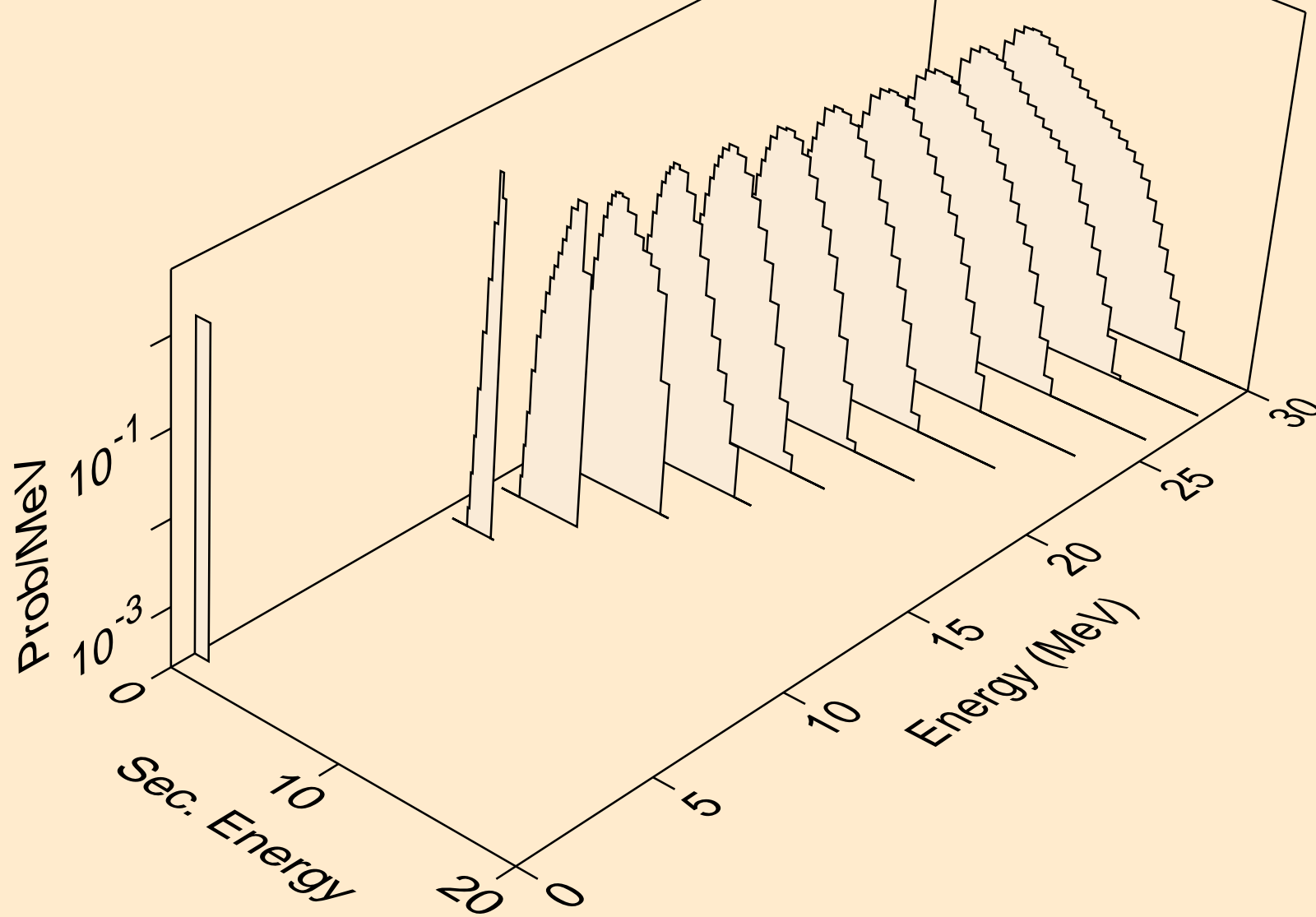
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

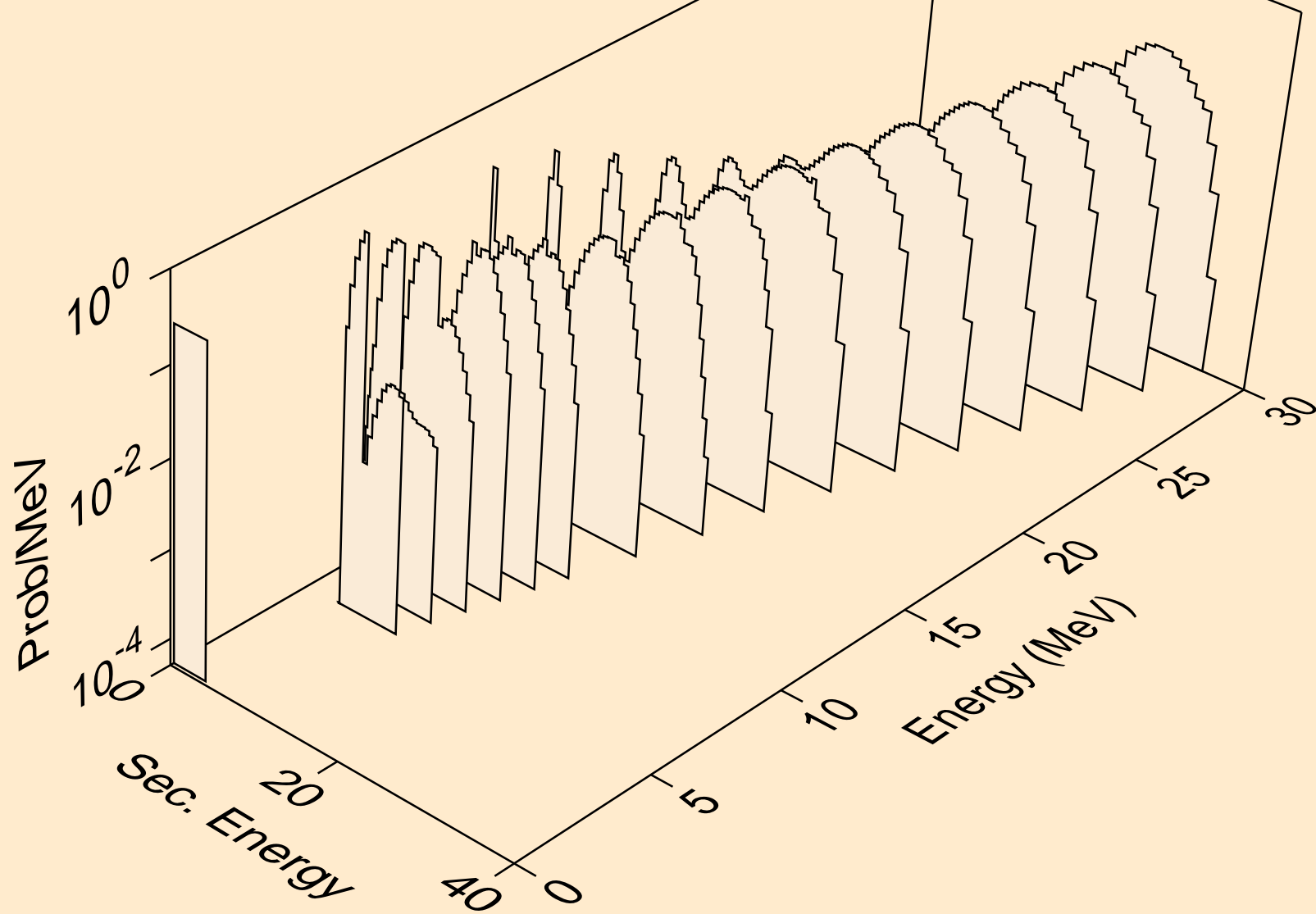


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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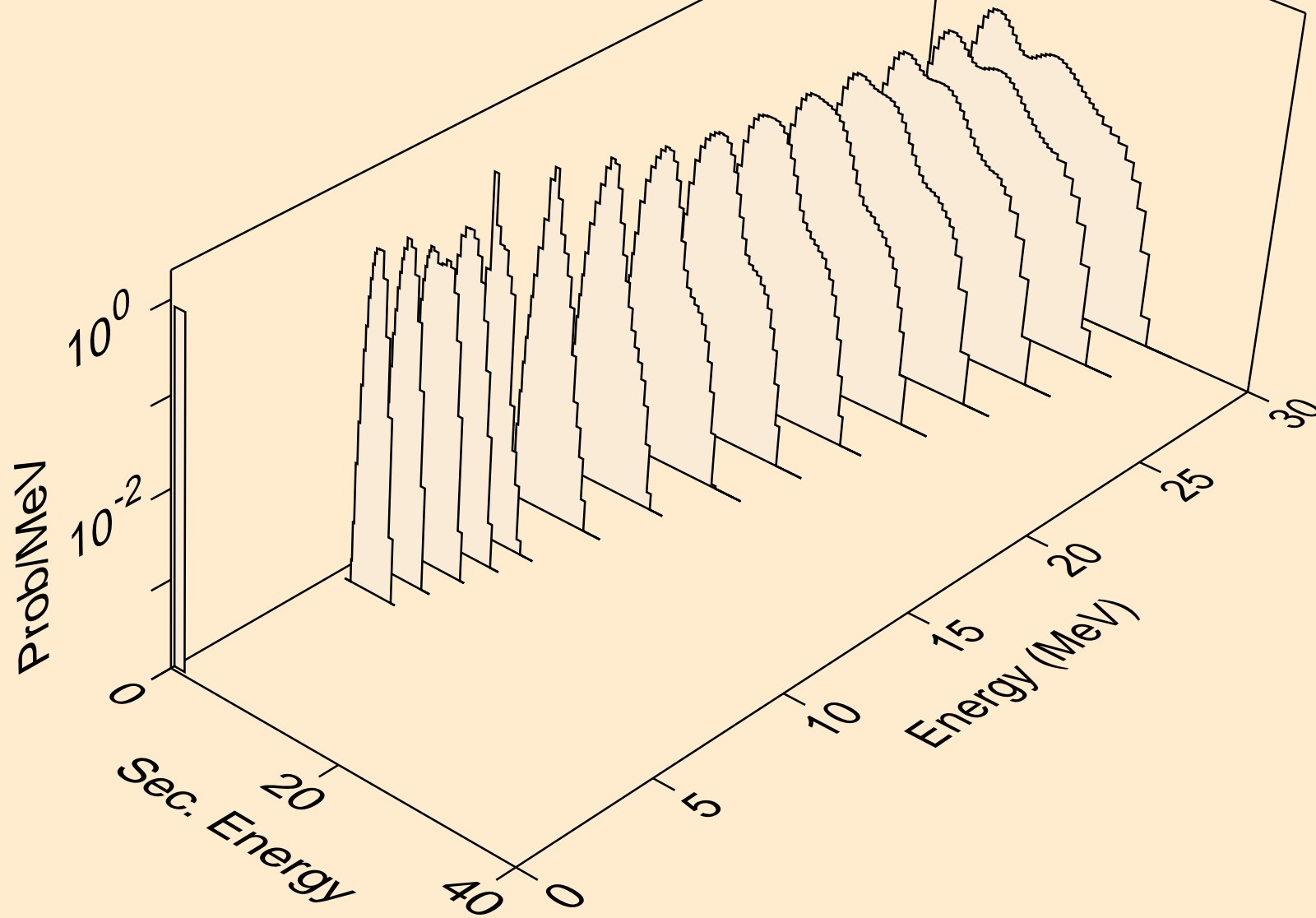




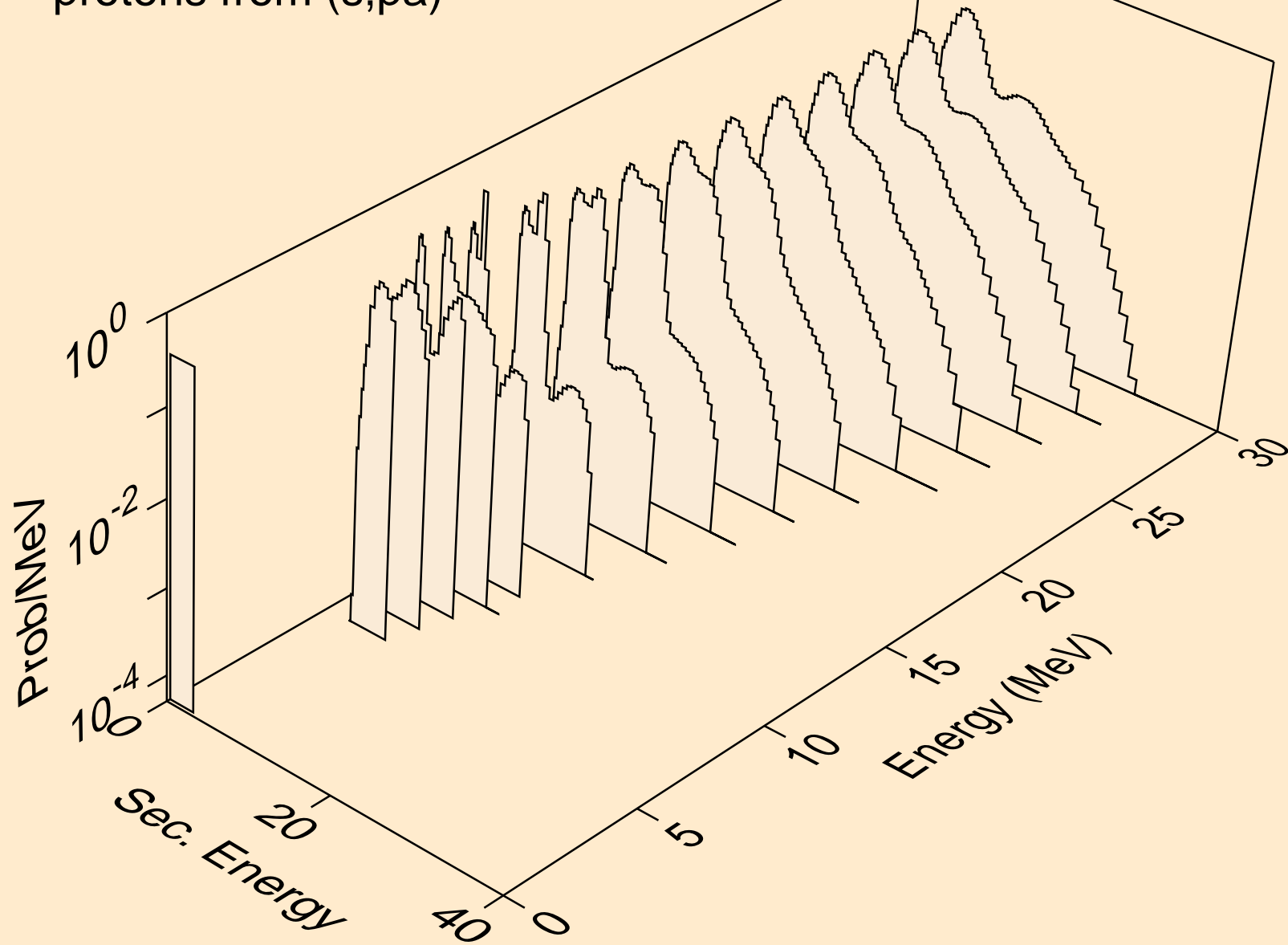
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



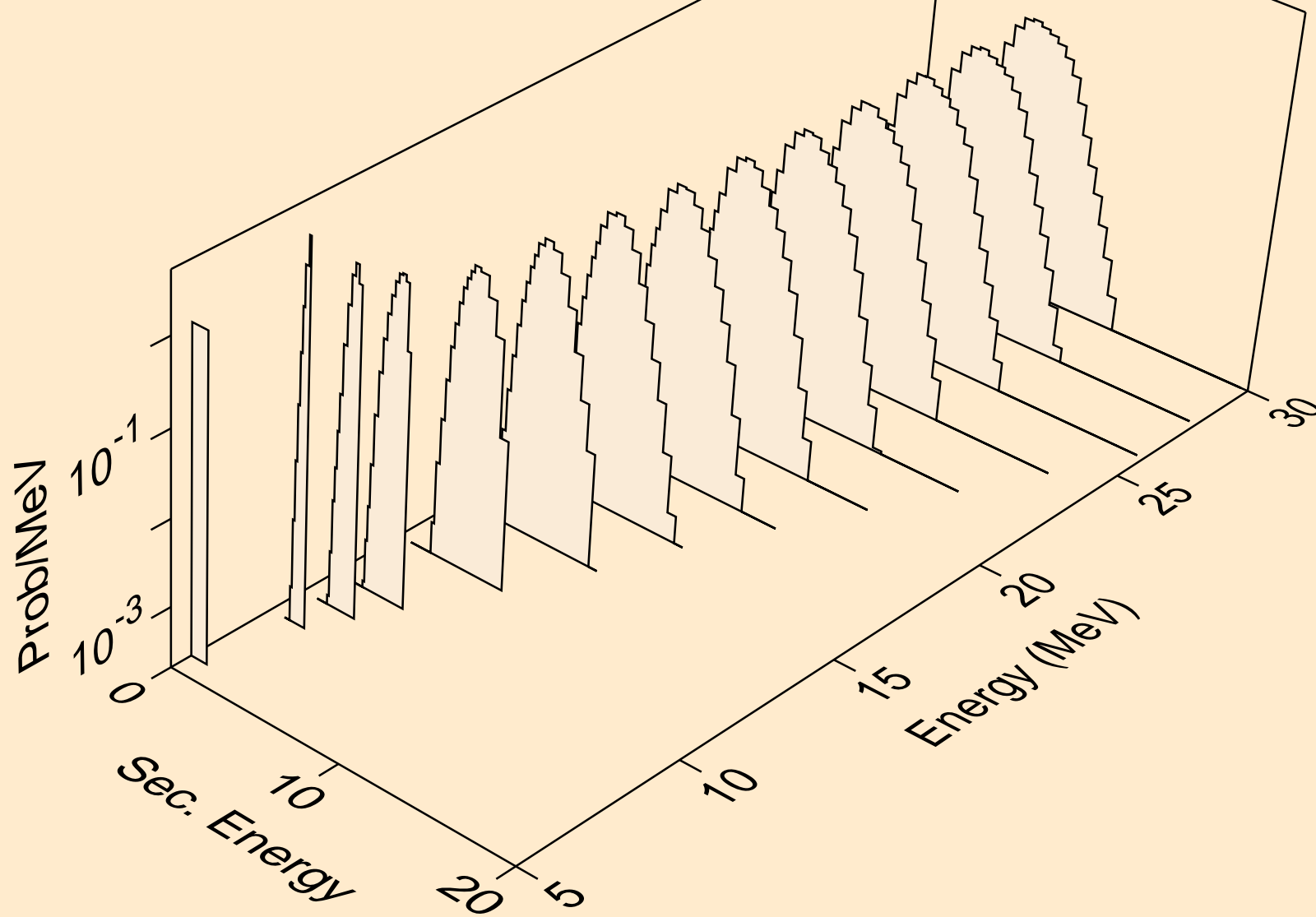
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protons from (s,2p)



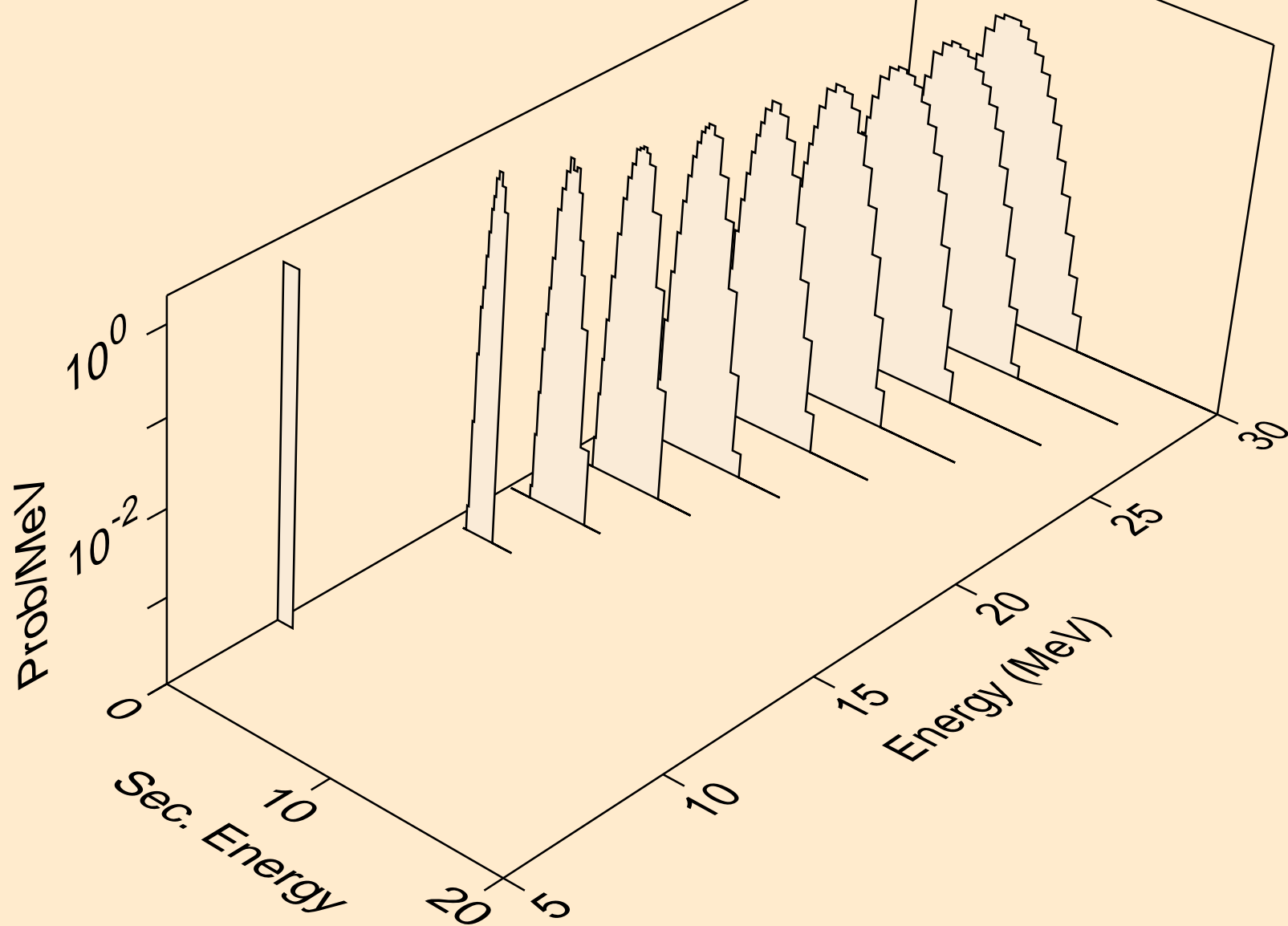
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protons from (s,pa)



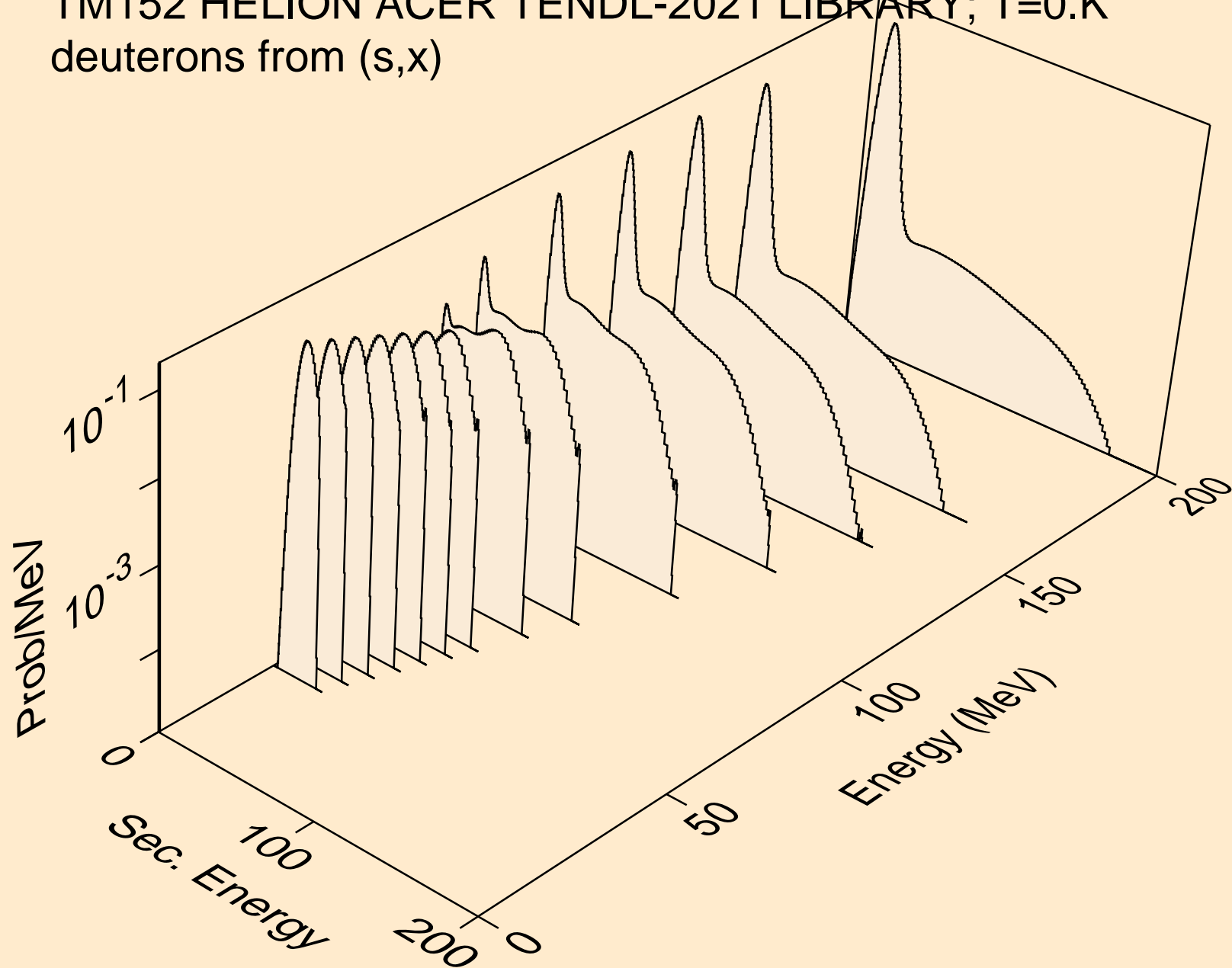
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



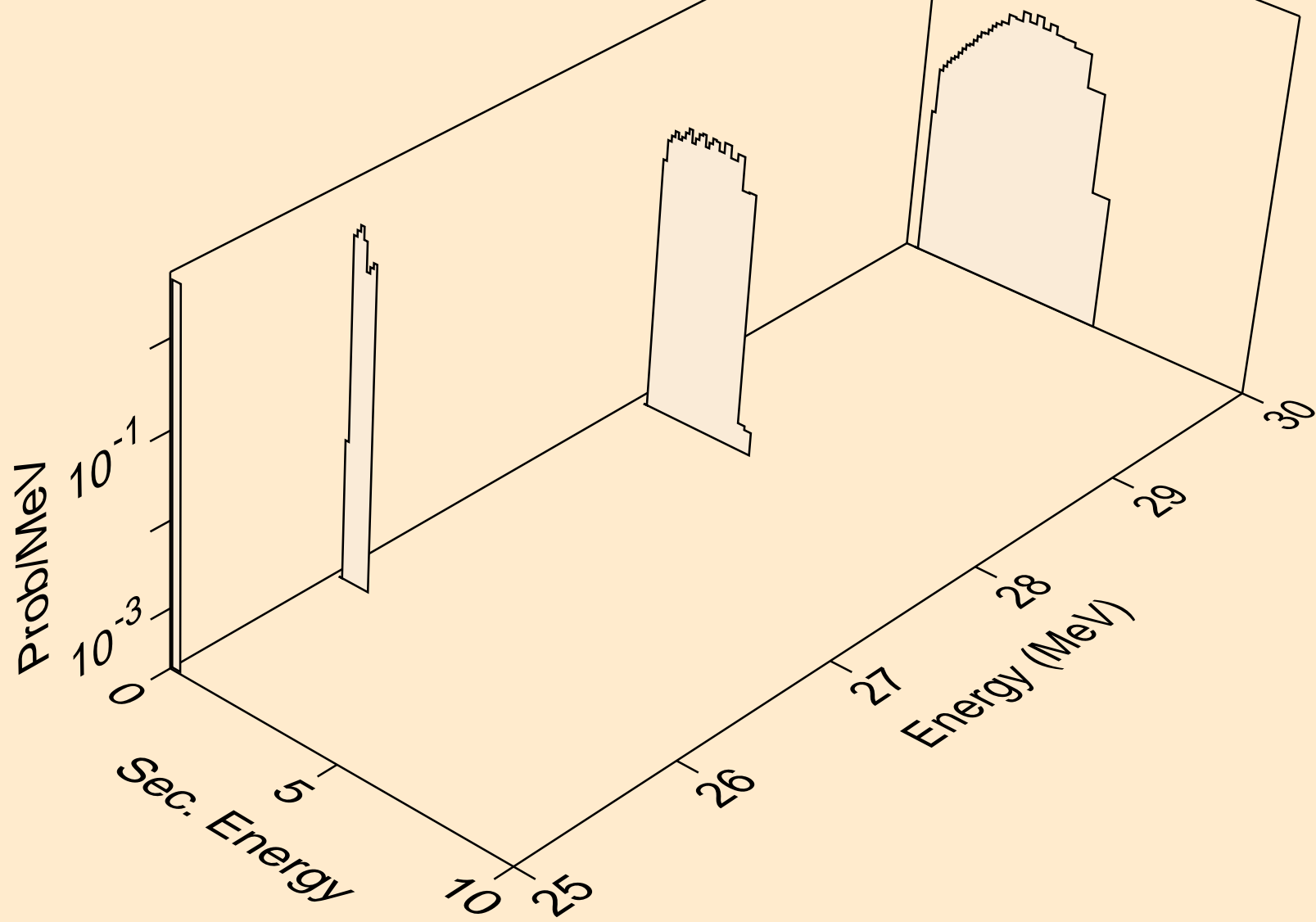
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



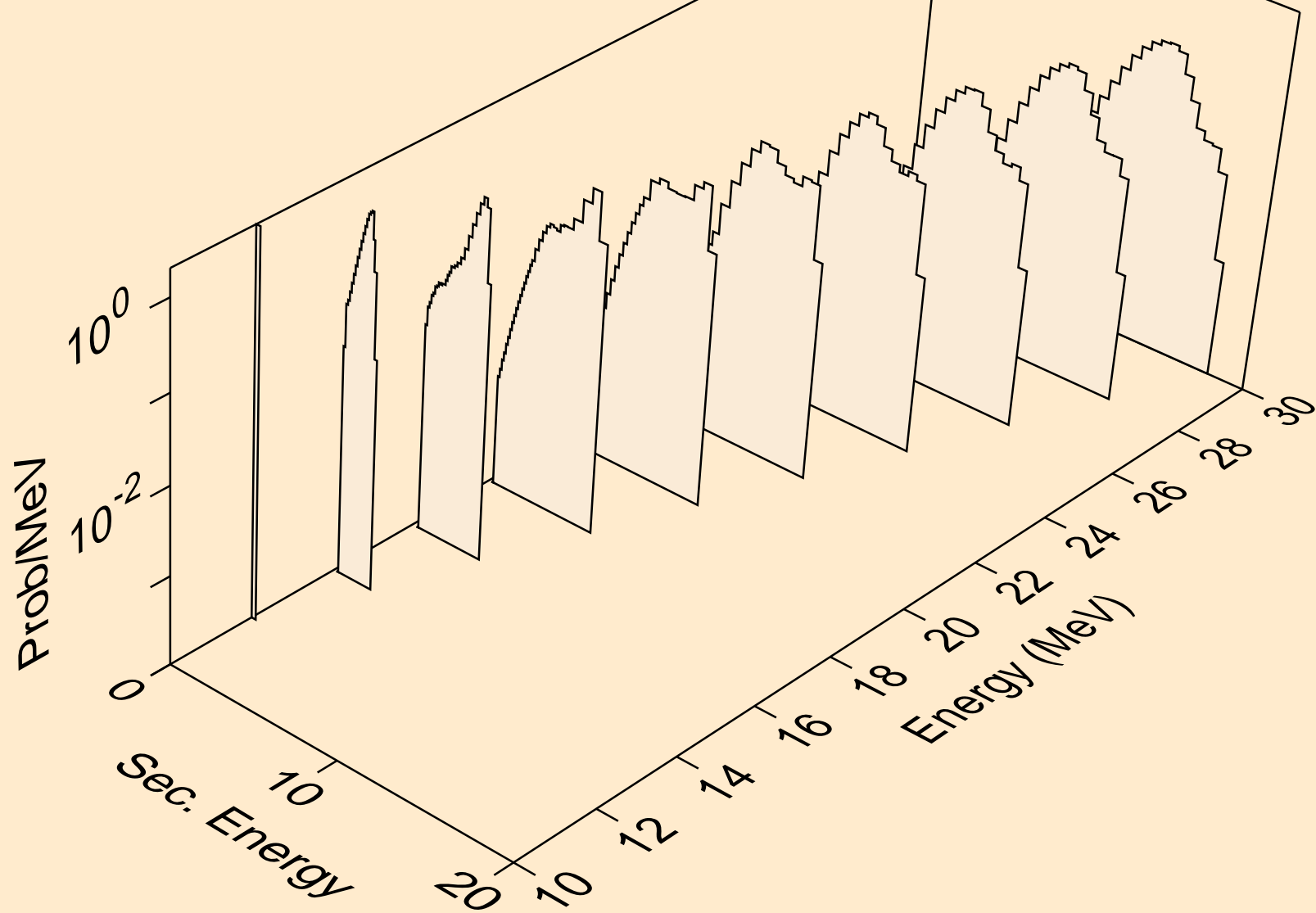
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

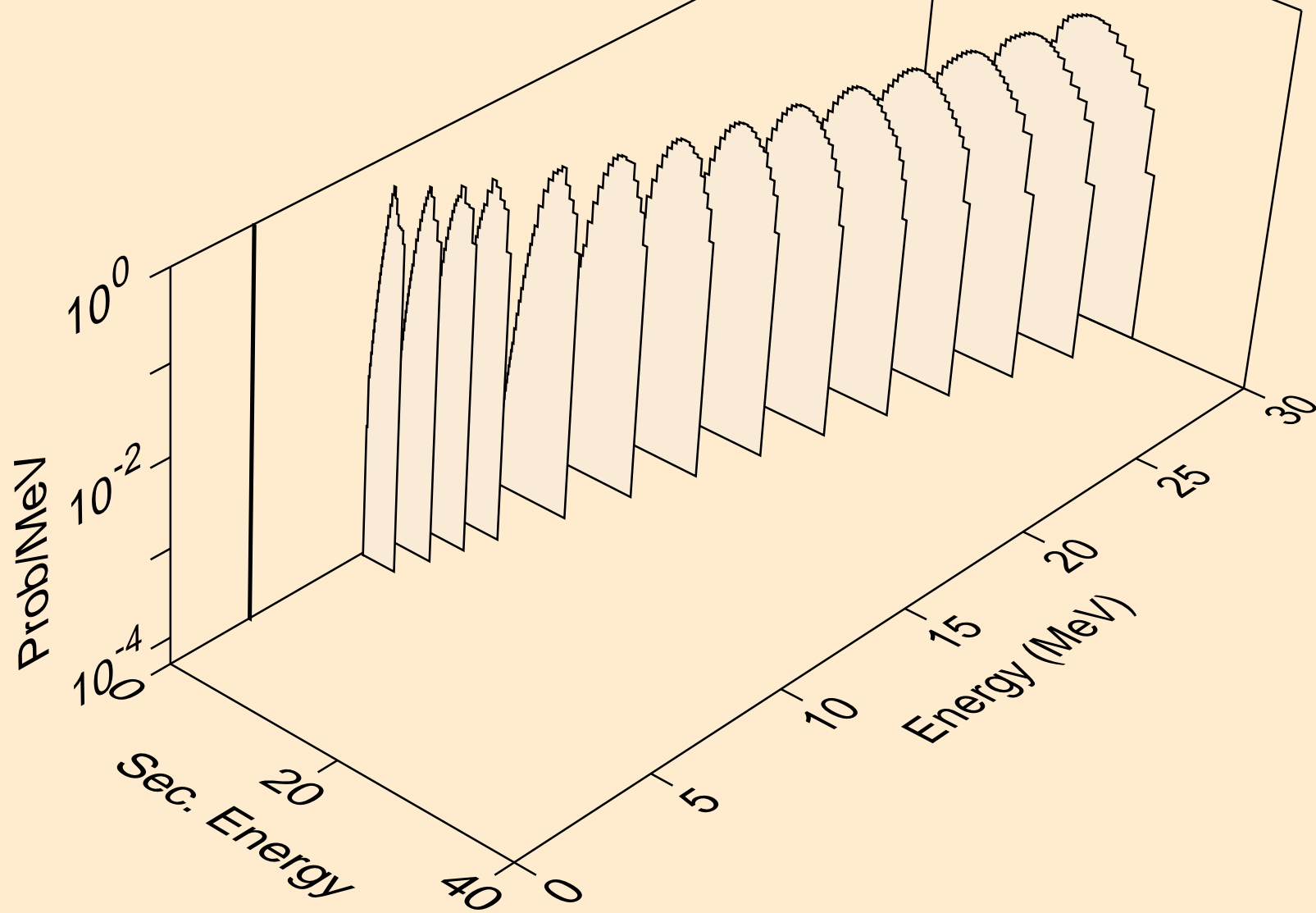


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

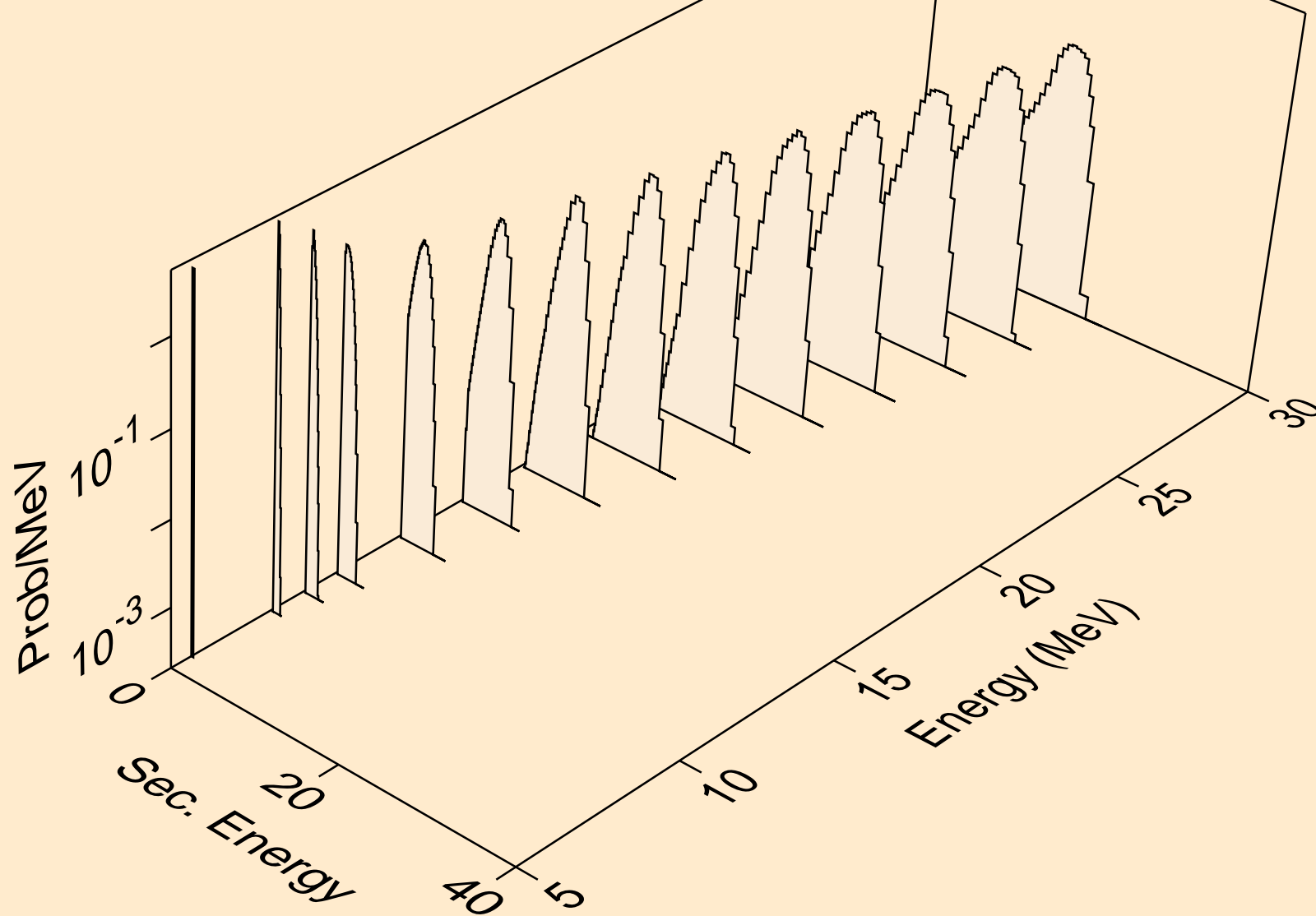




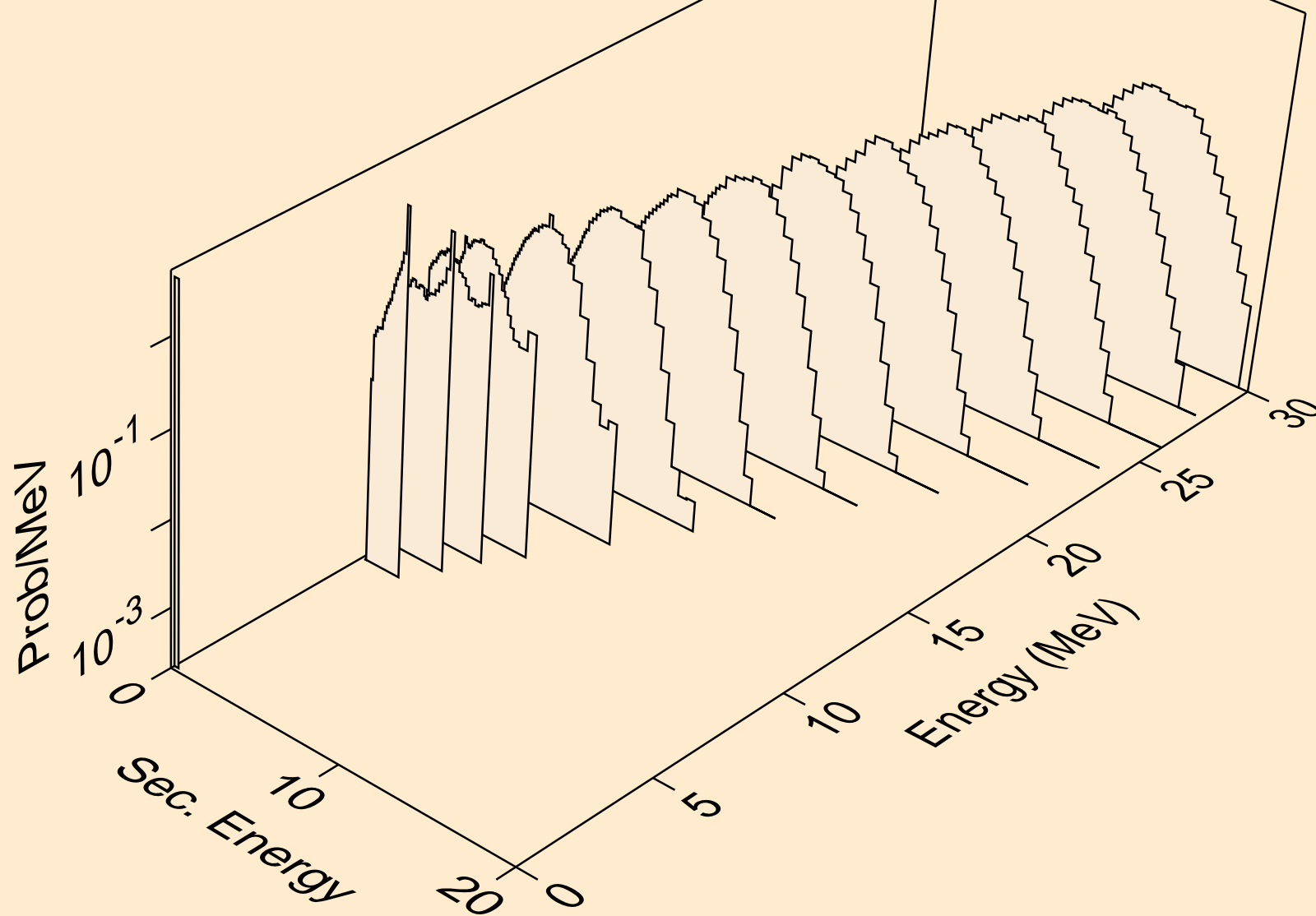
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



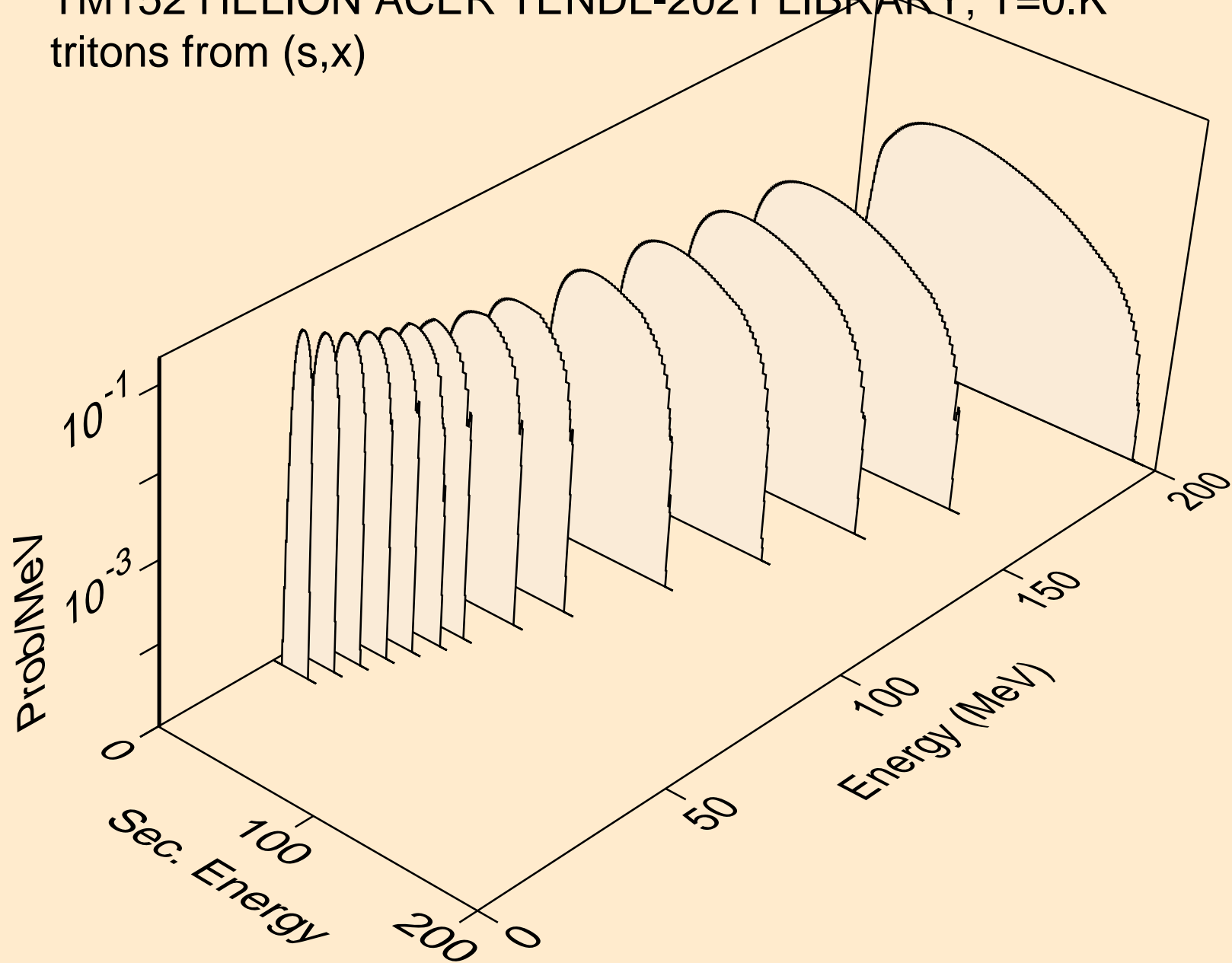
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



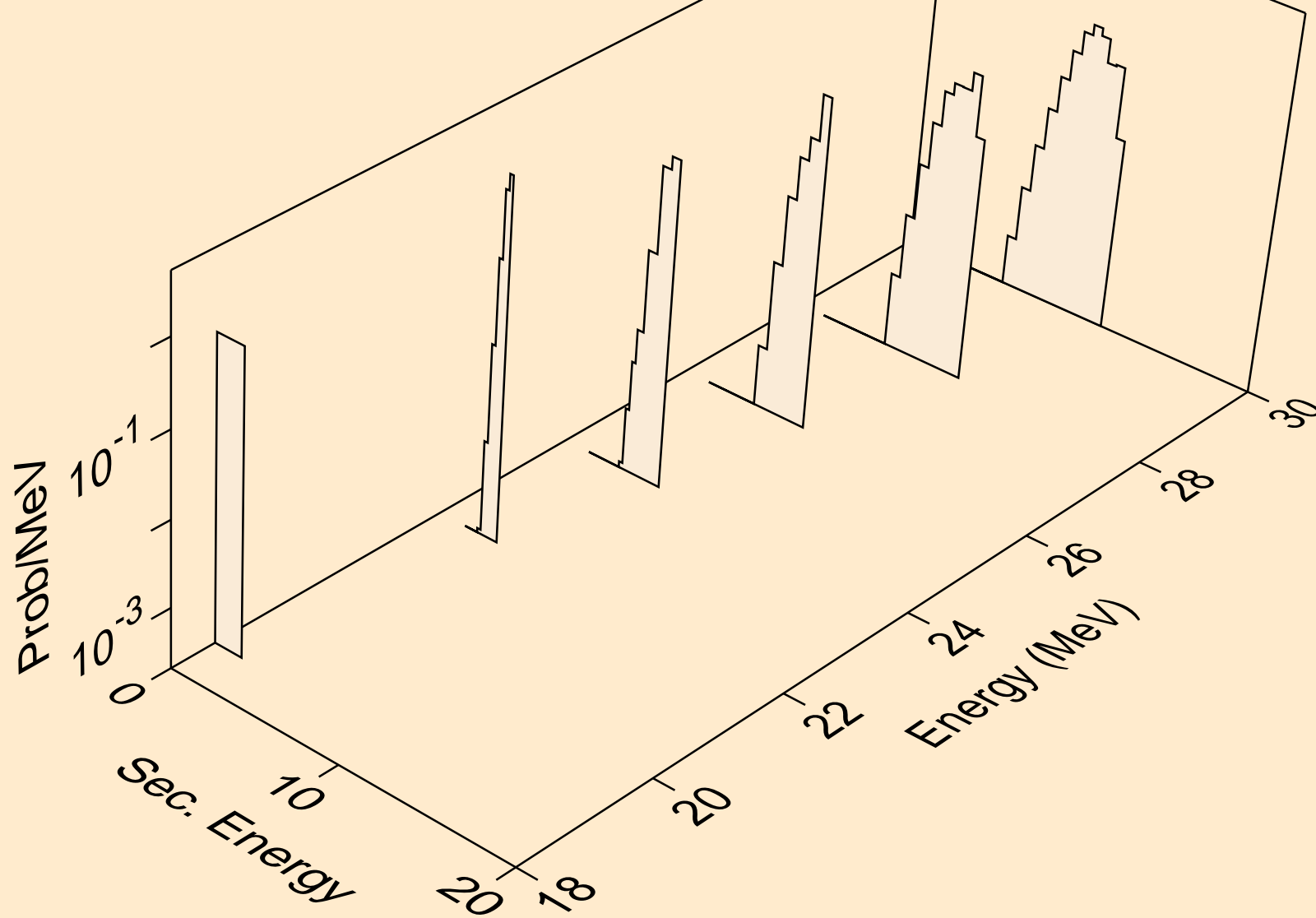
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



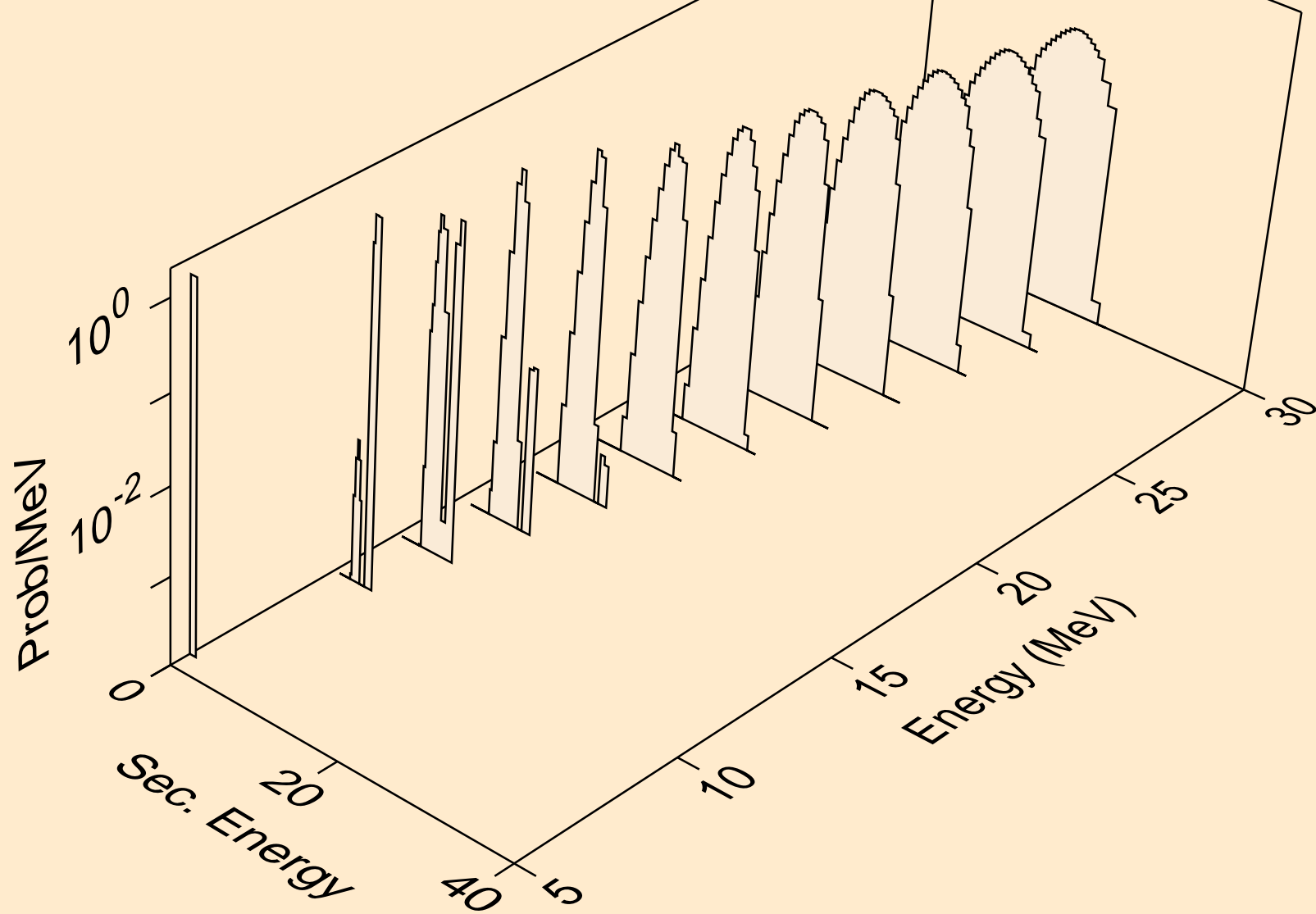
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



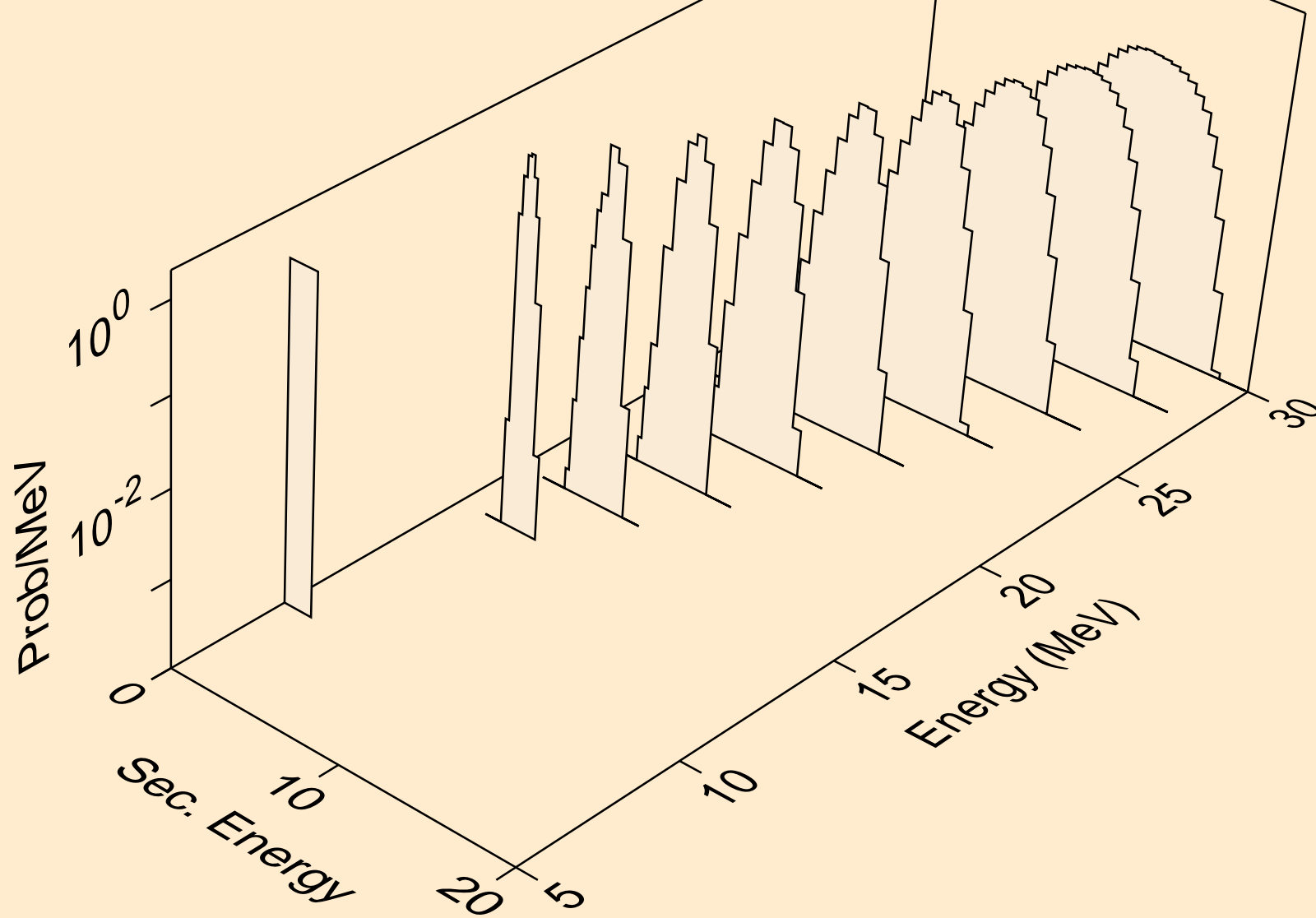
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



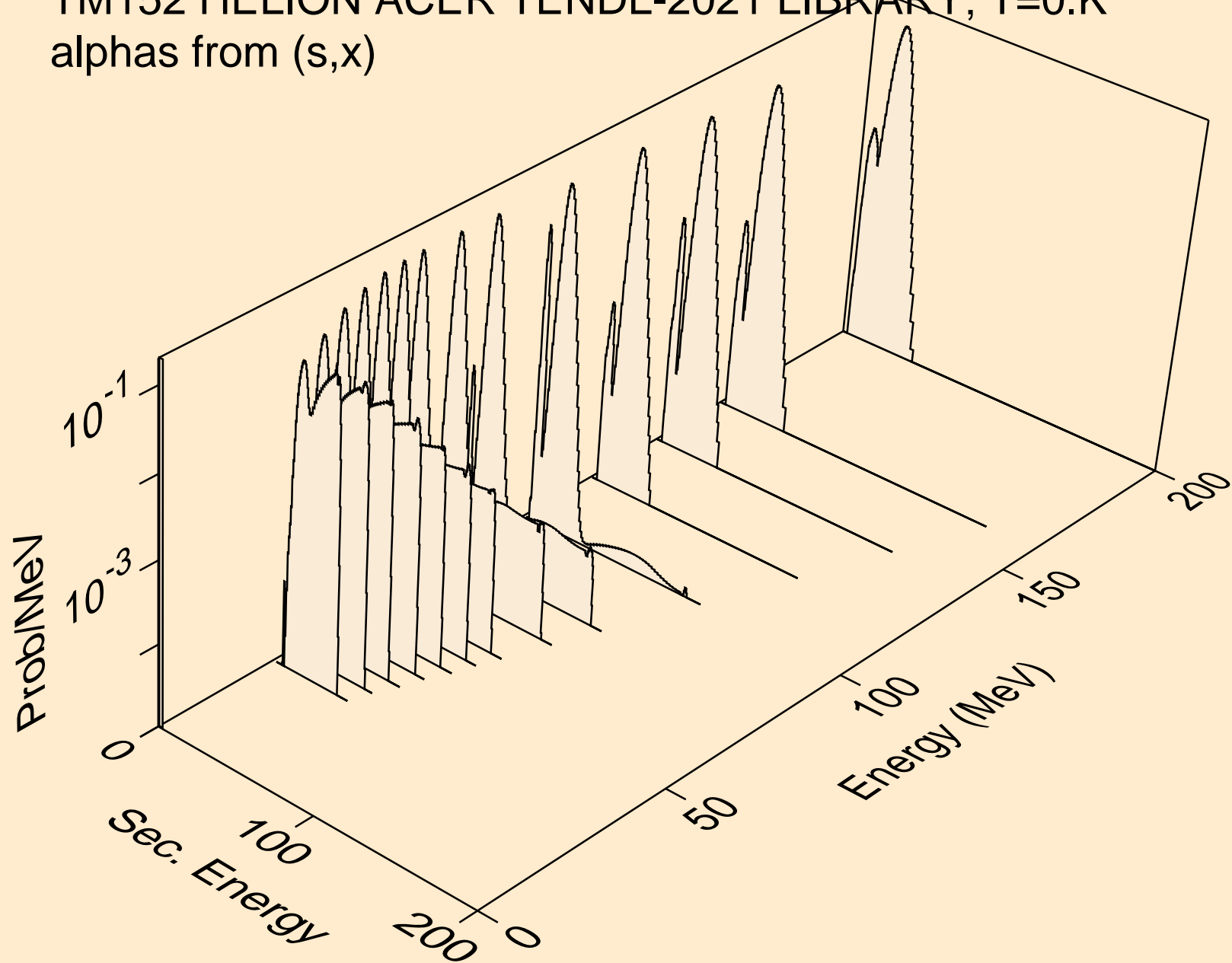
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

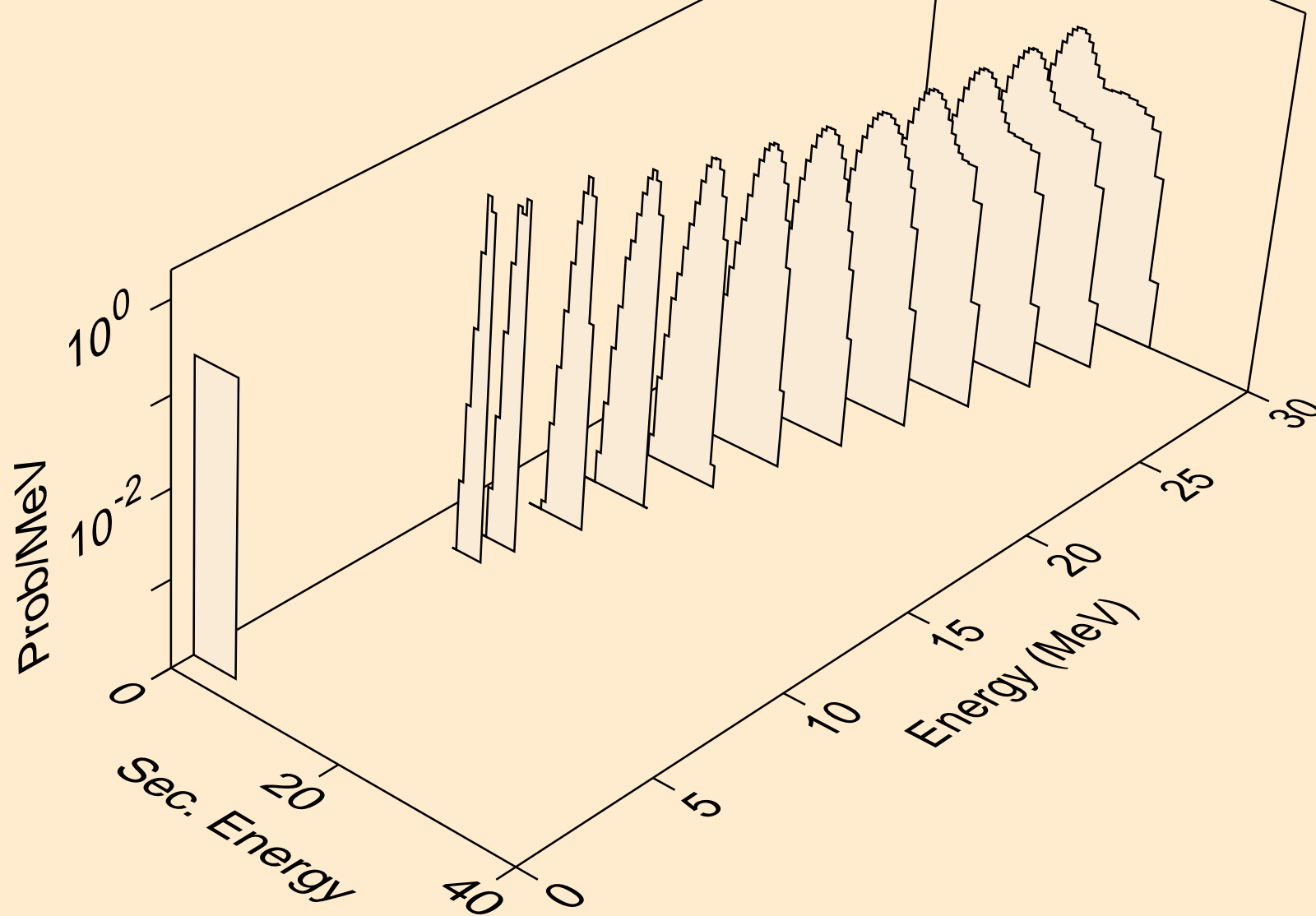


TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

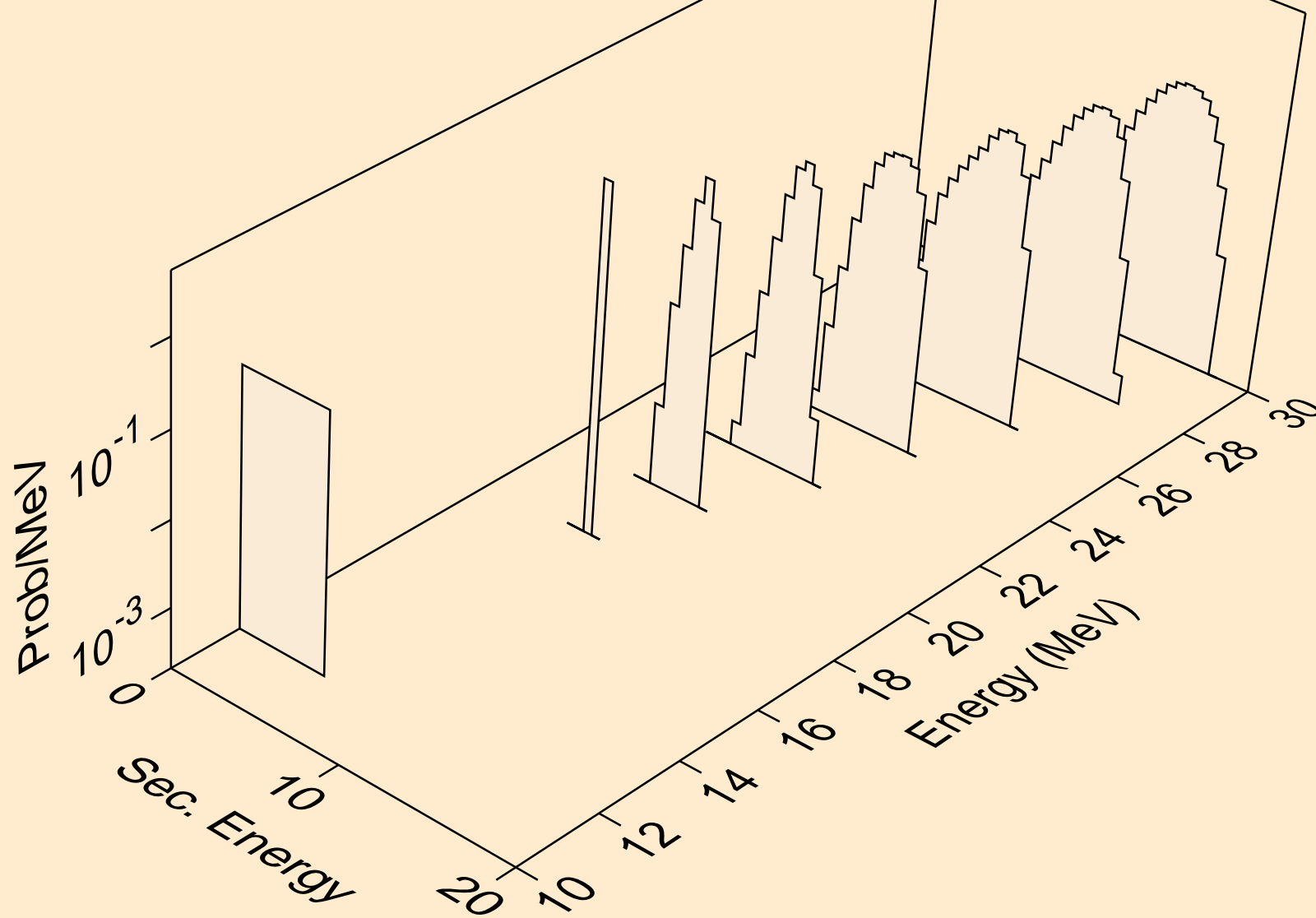




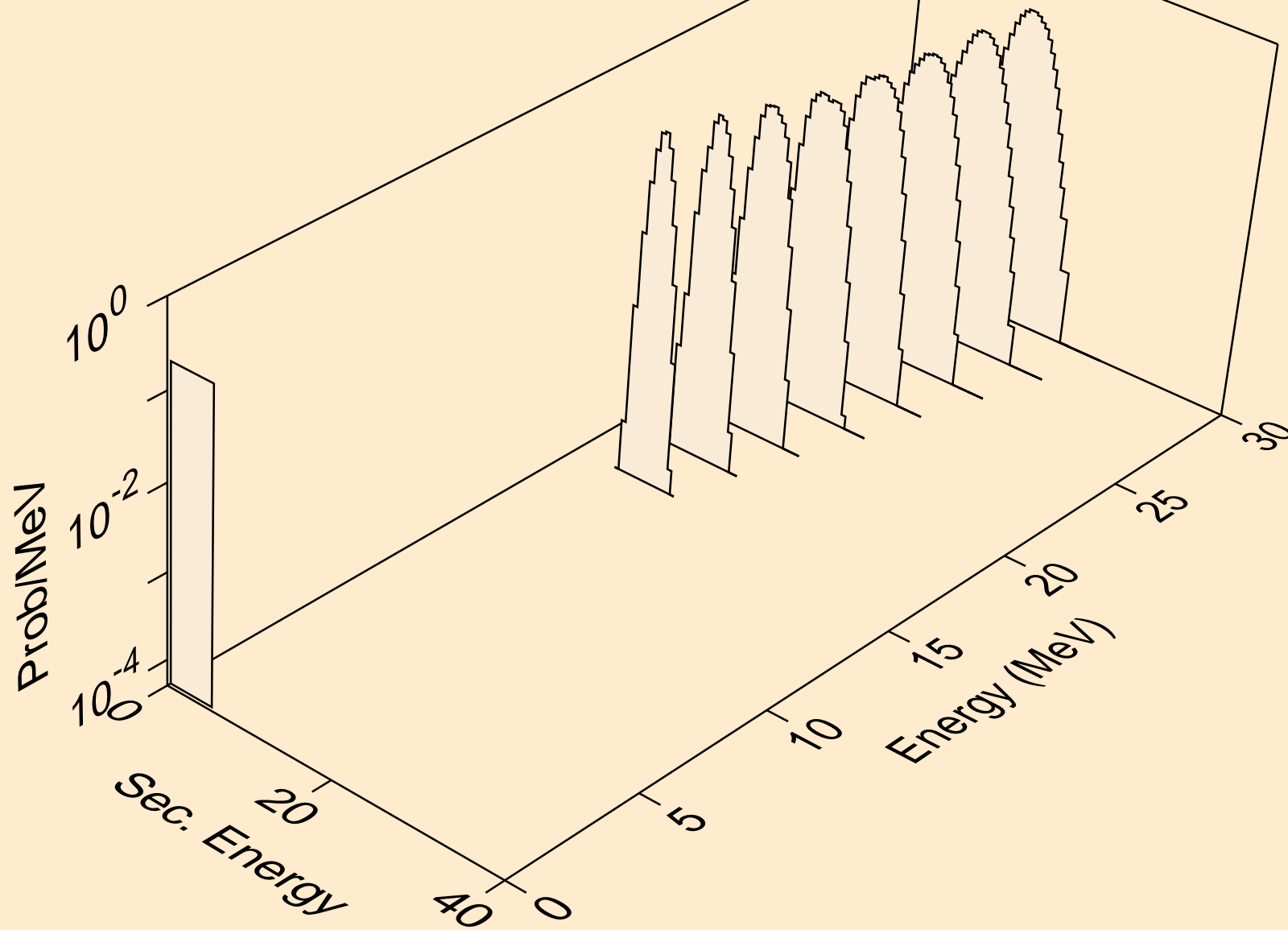
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



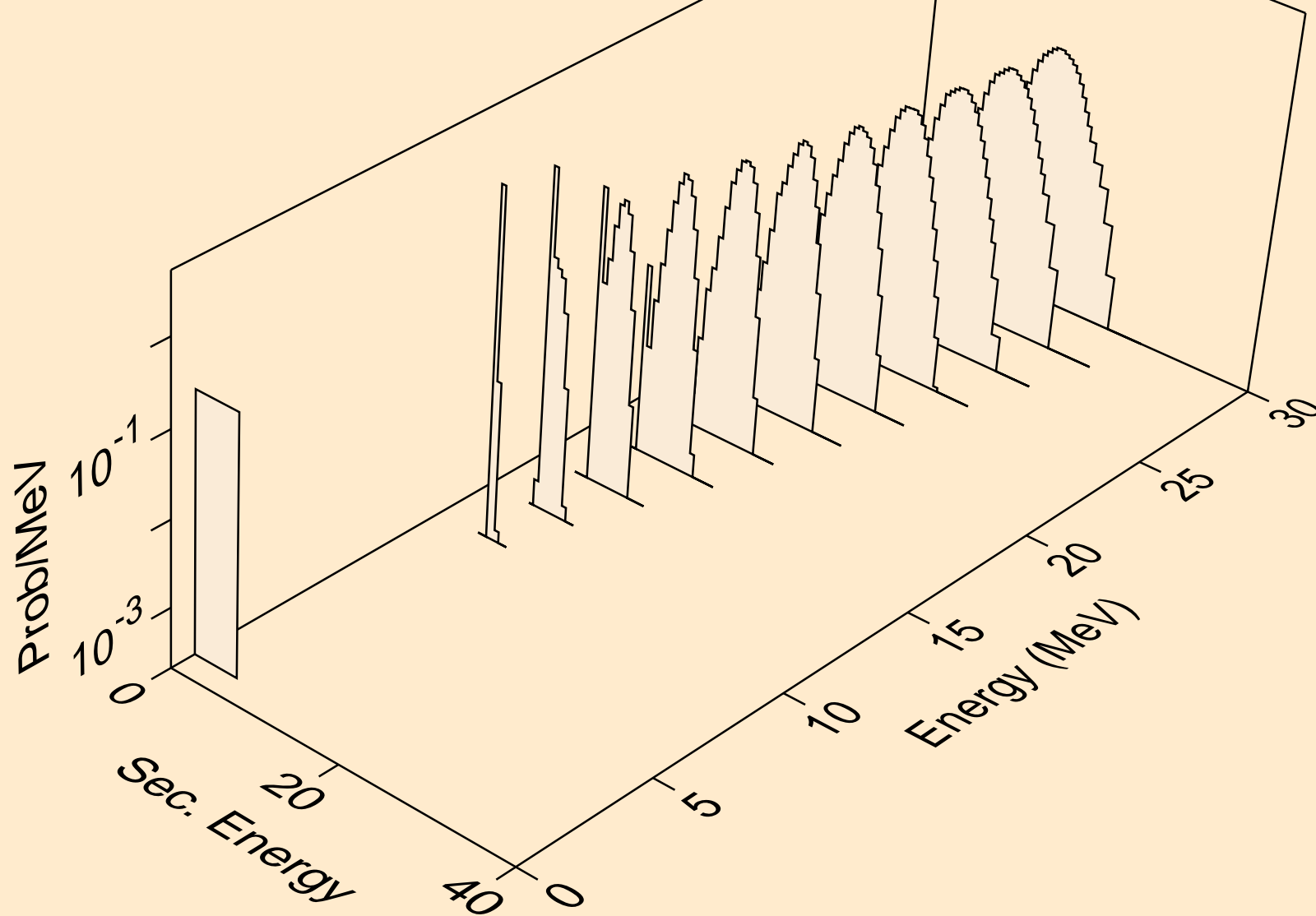
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



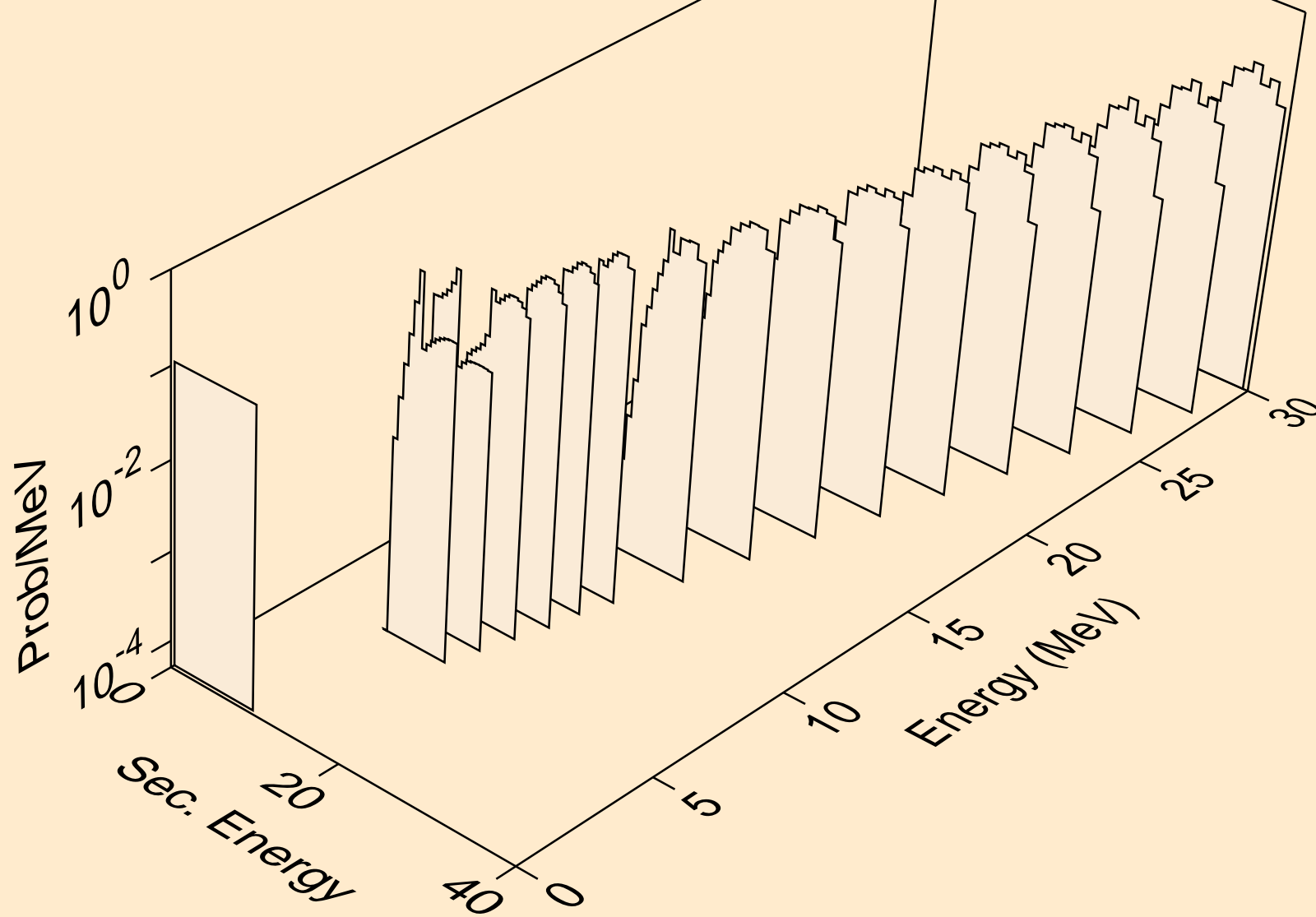
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



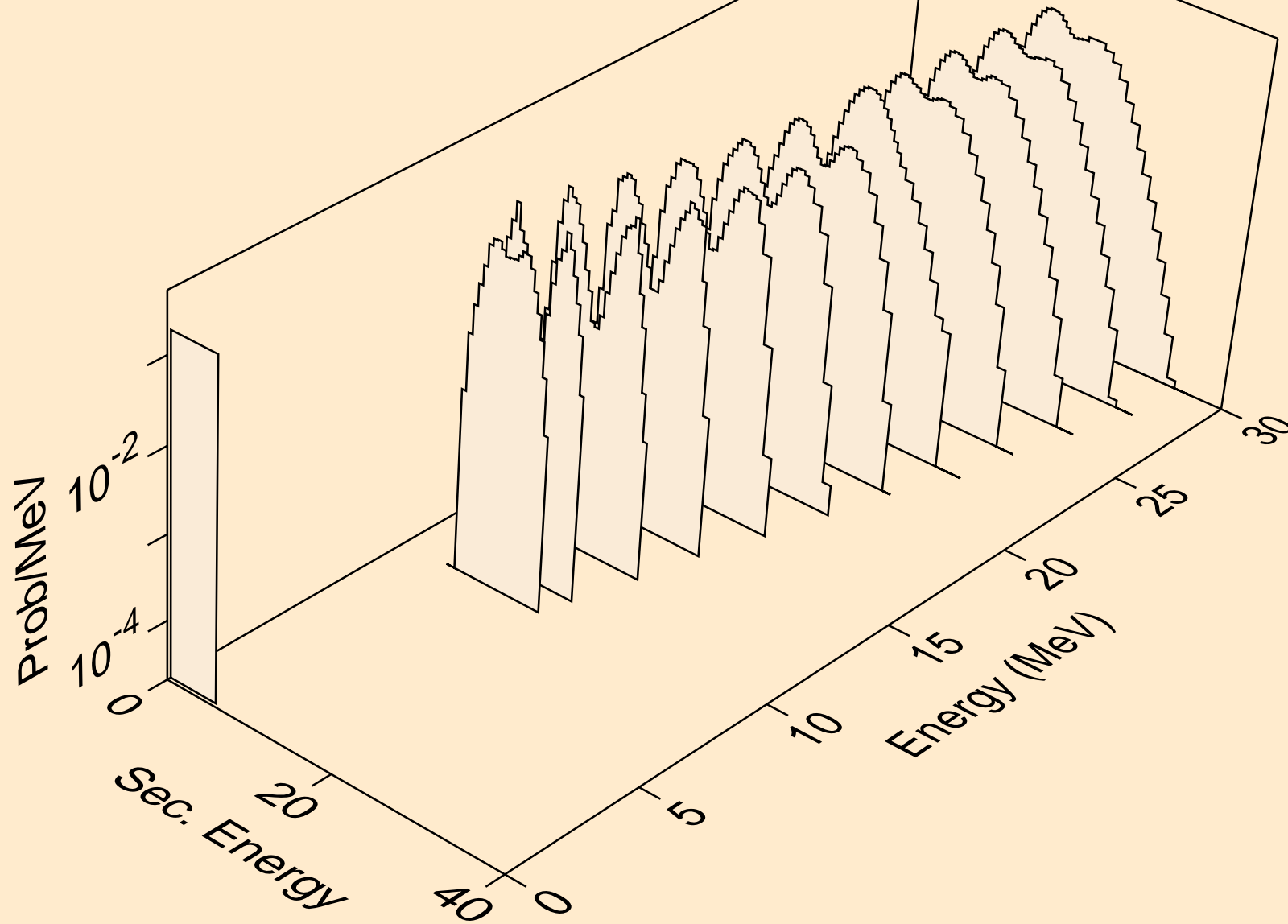
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



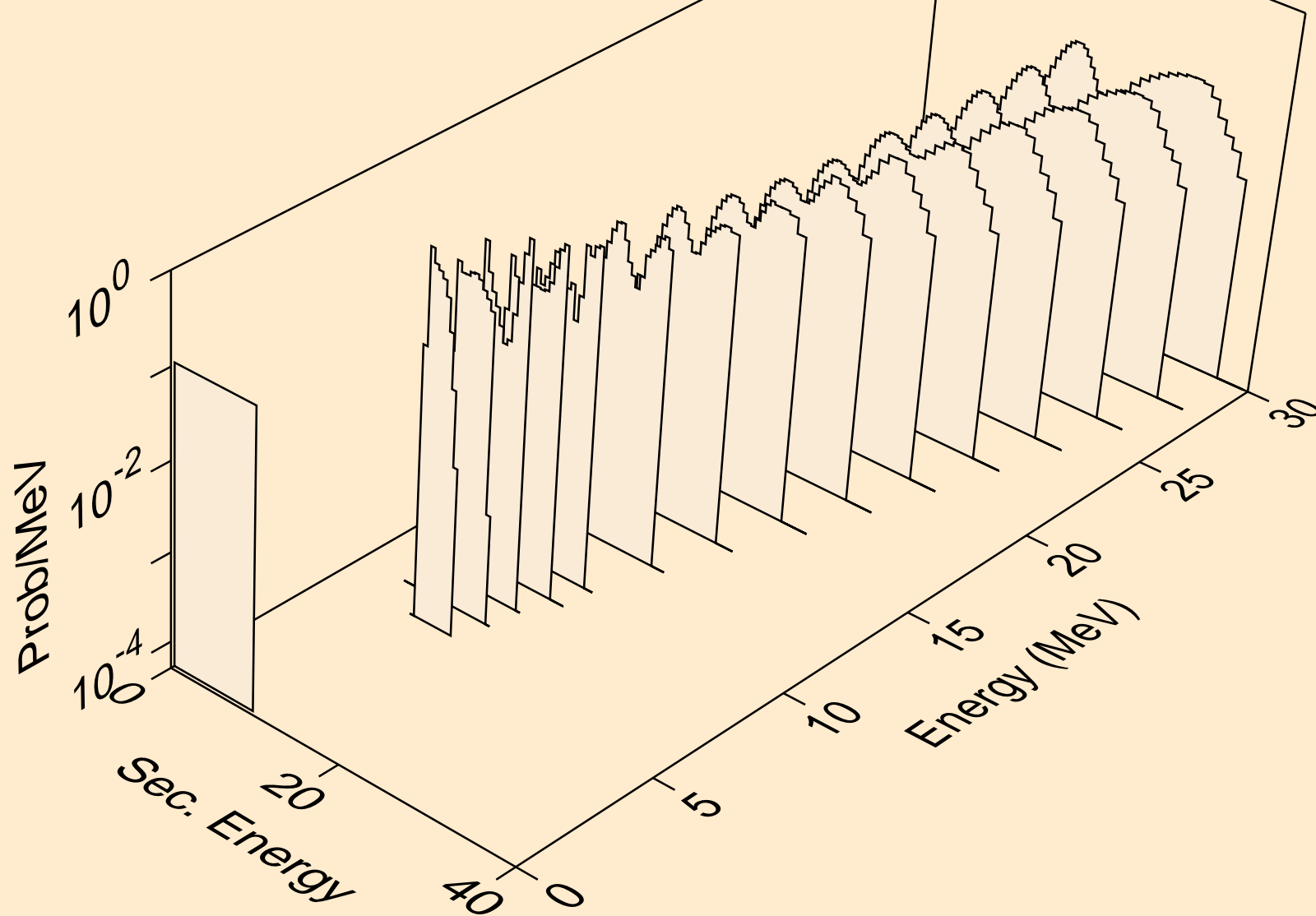
TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



TM152 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

