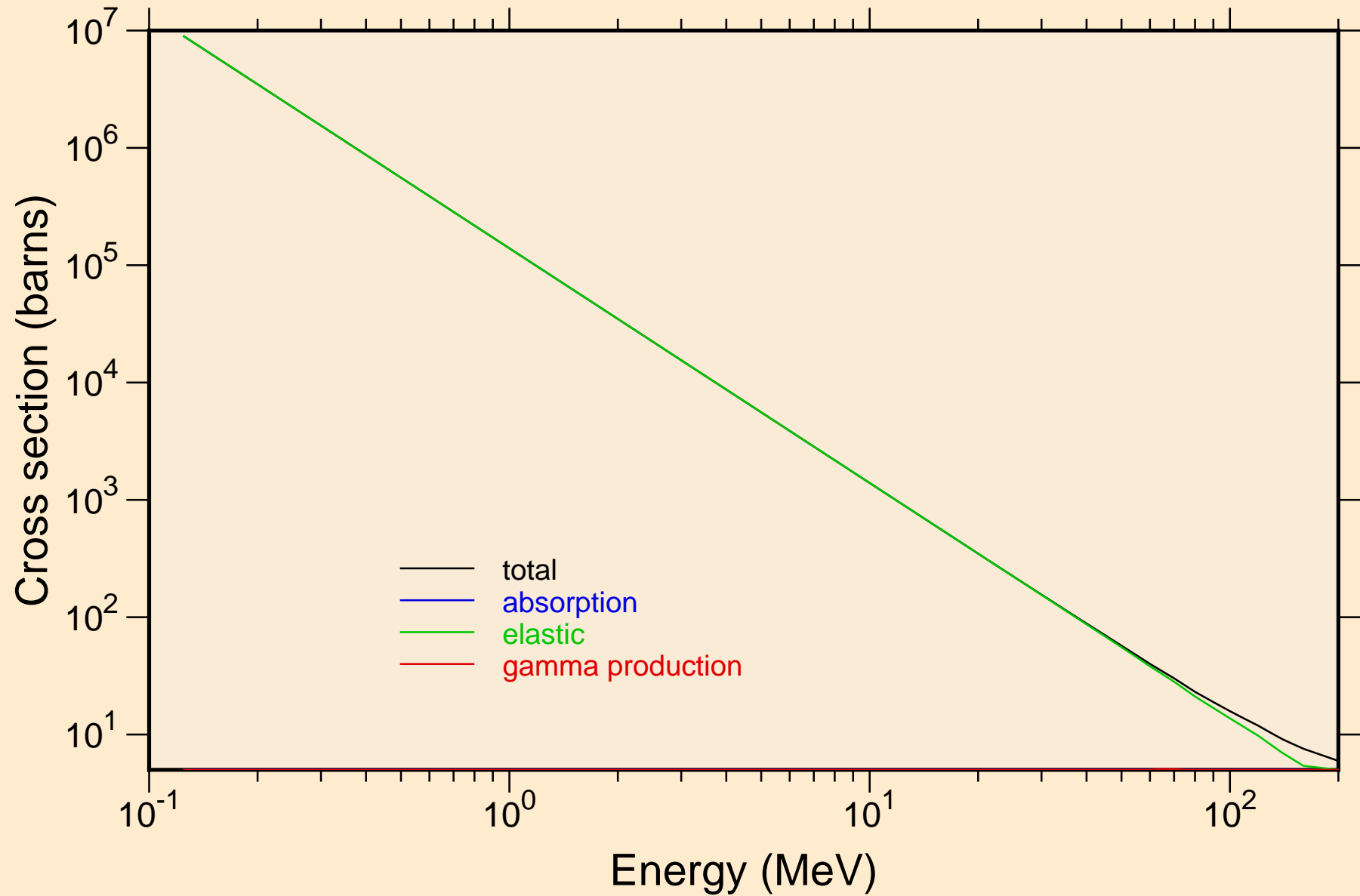


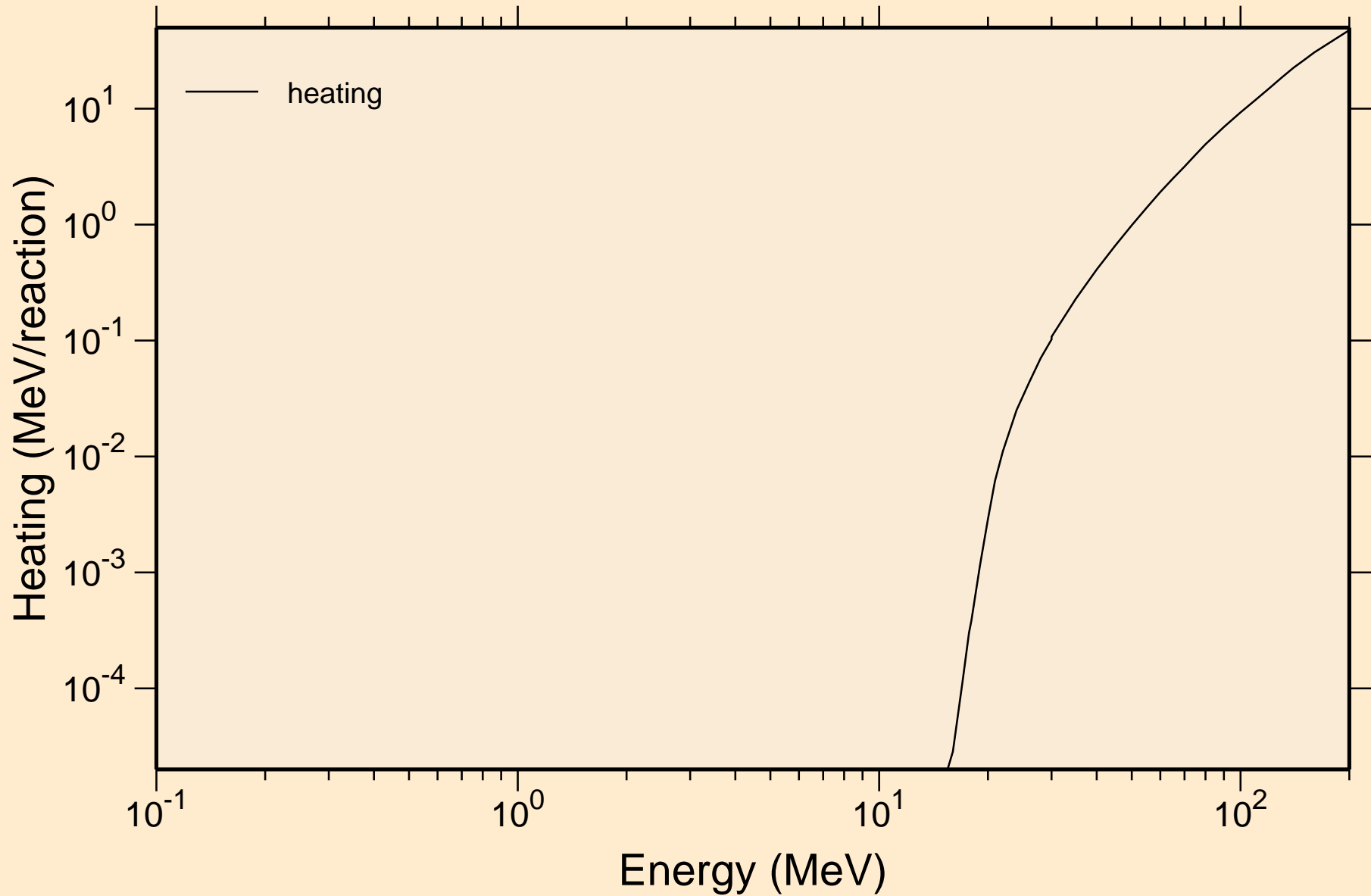
# W163 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



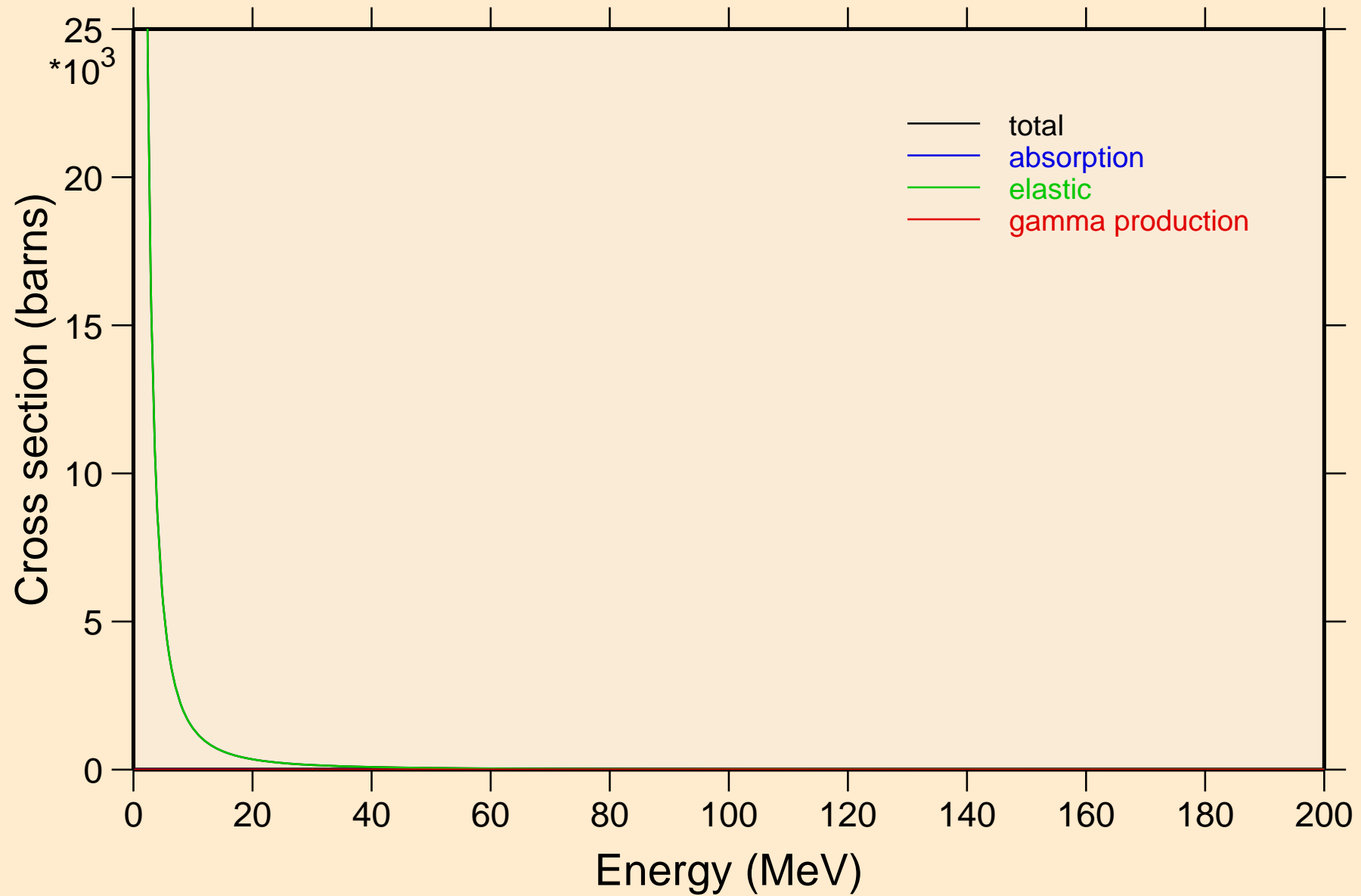
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



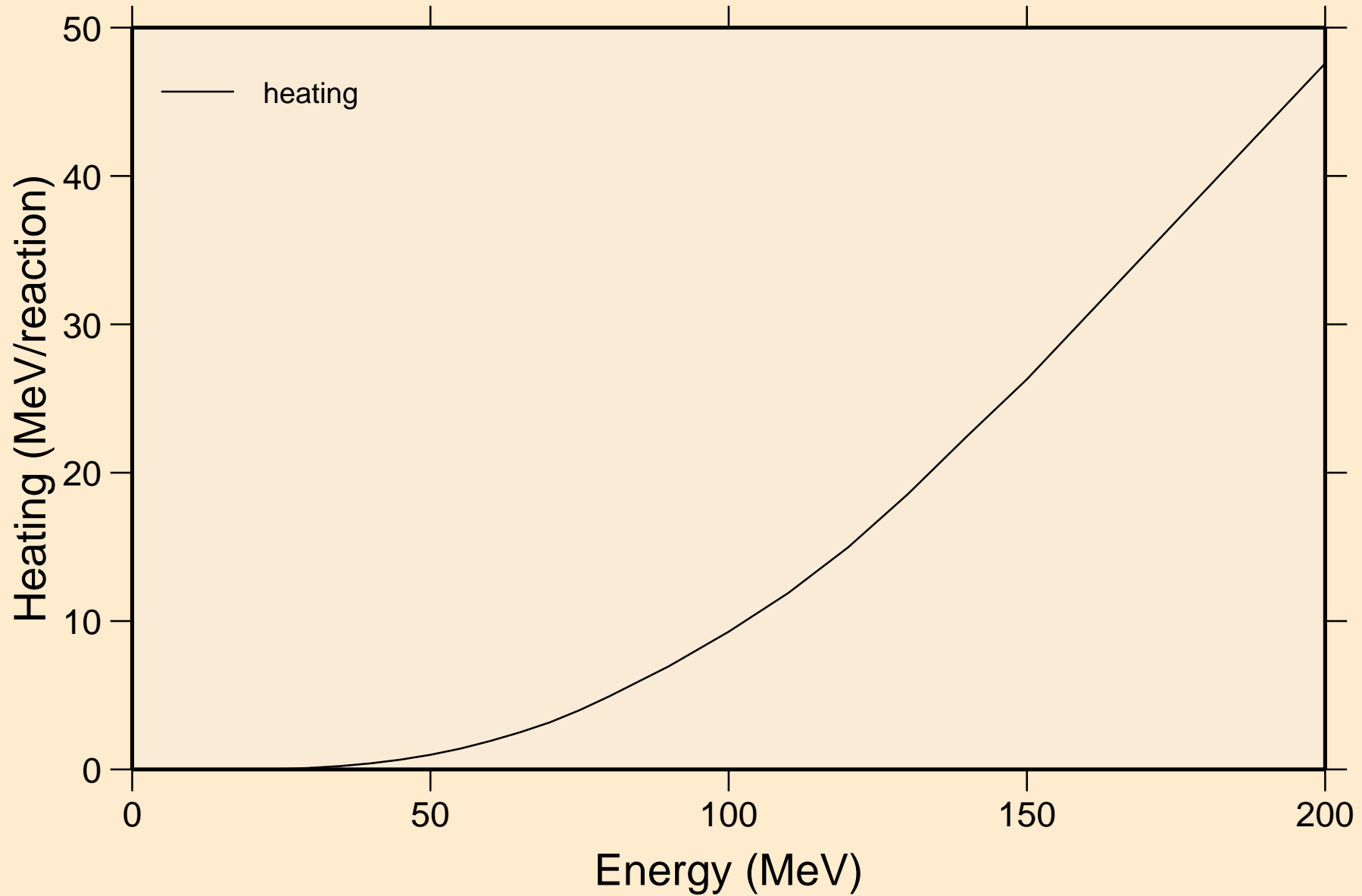
# W163 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

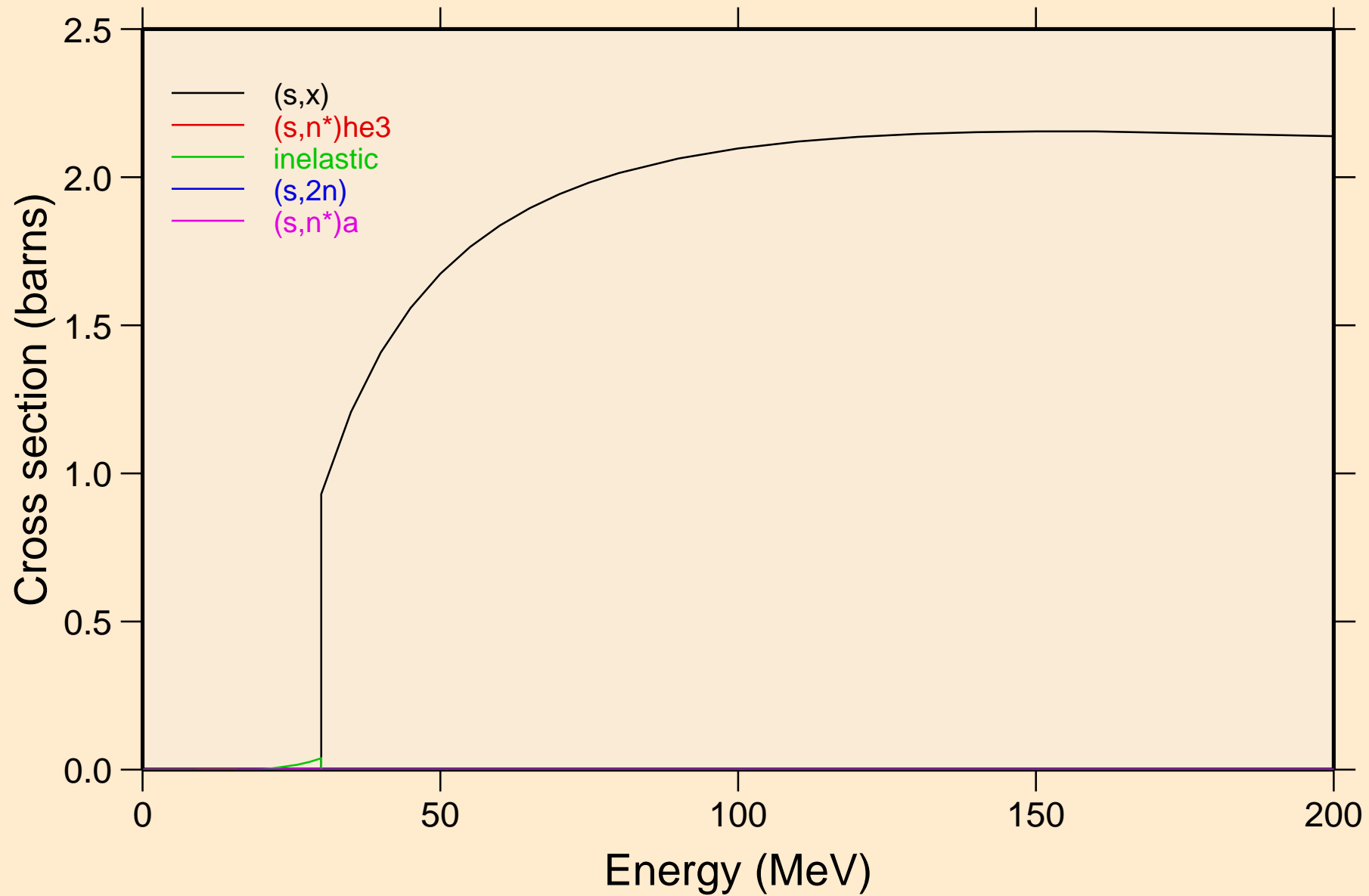


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K

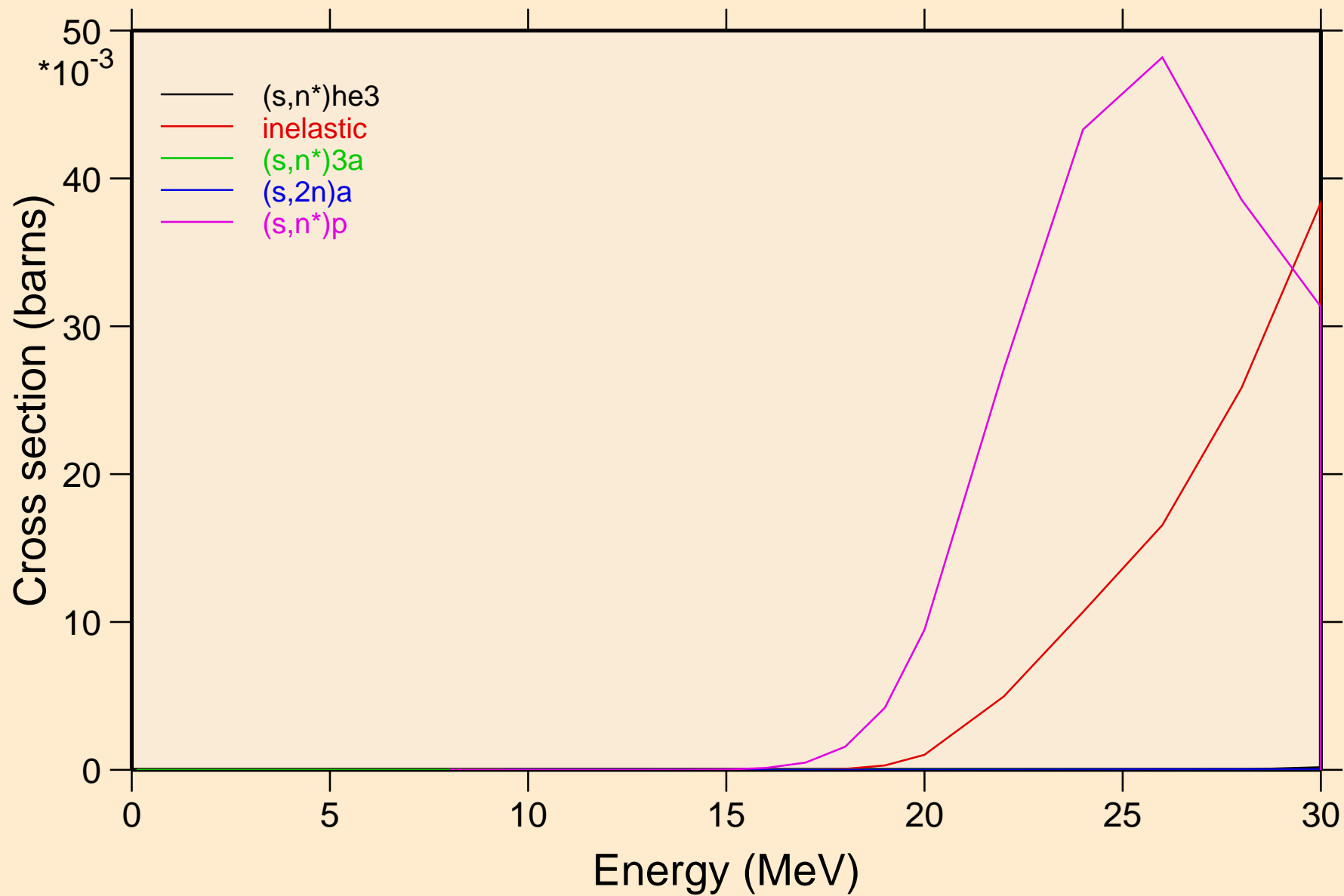
Heating



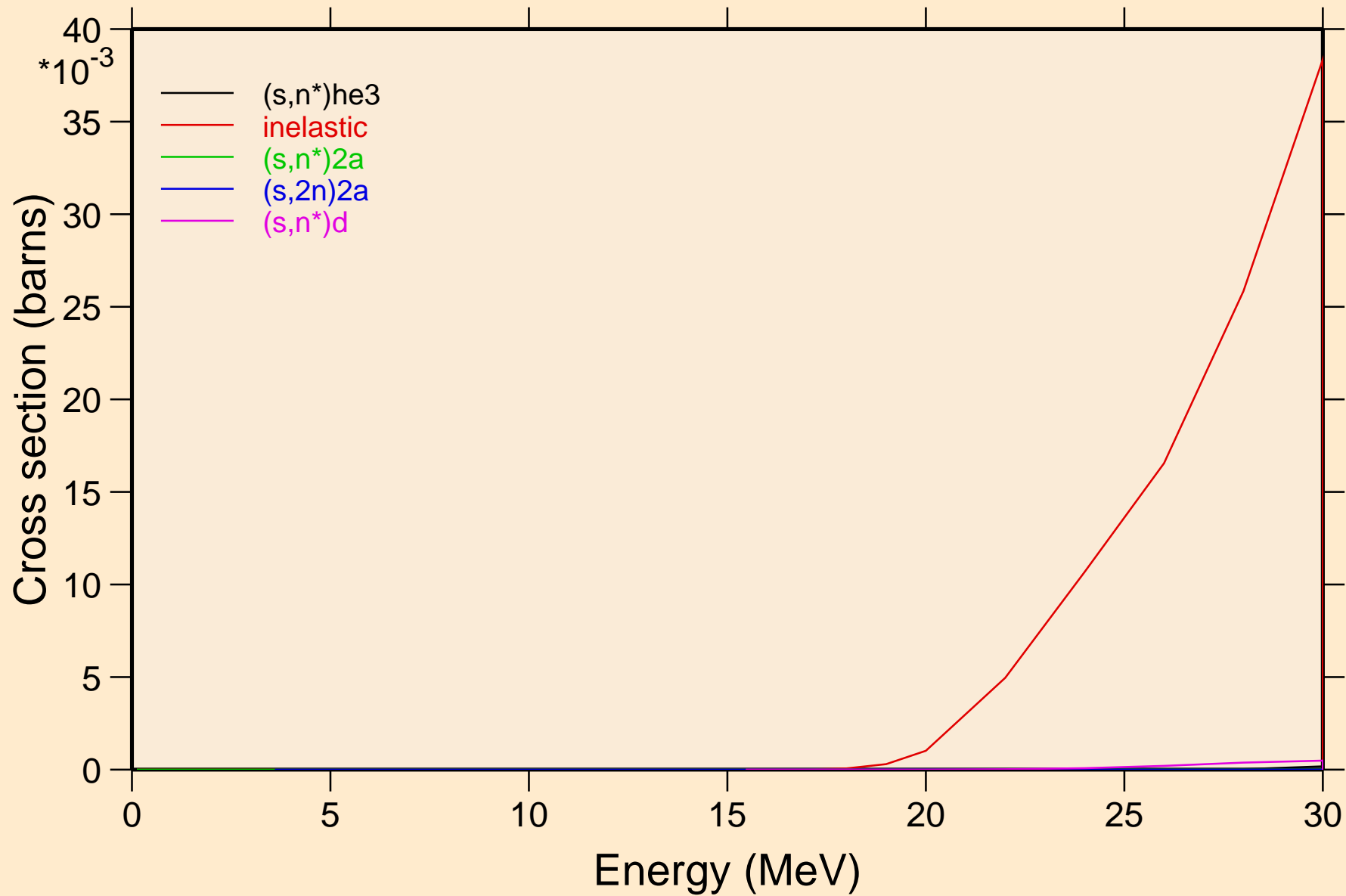
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



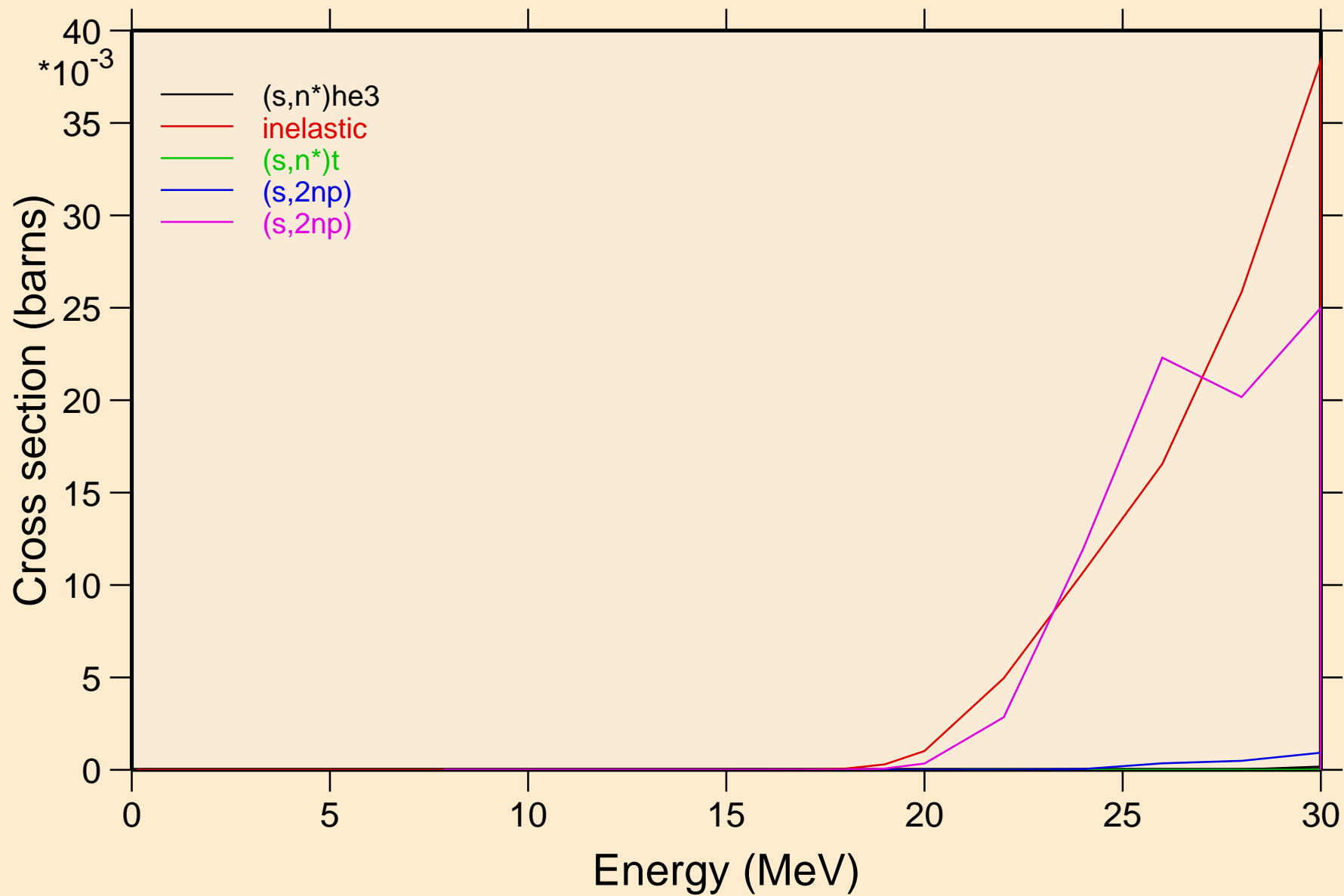
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

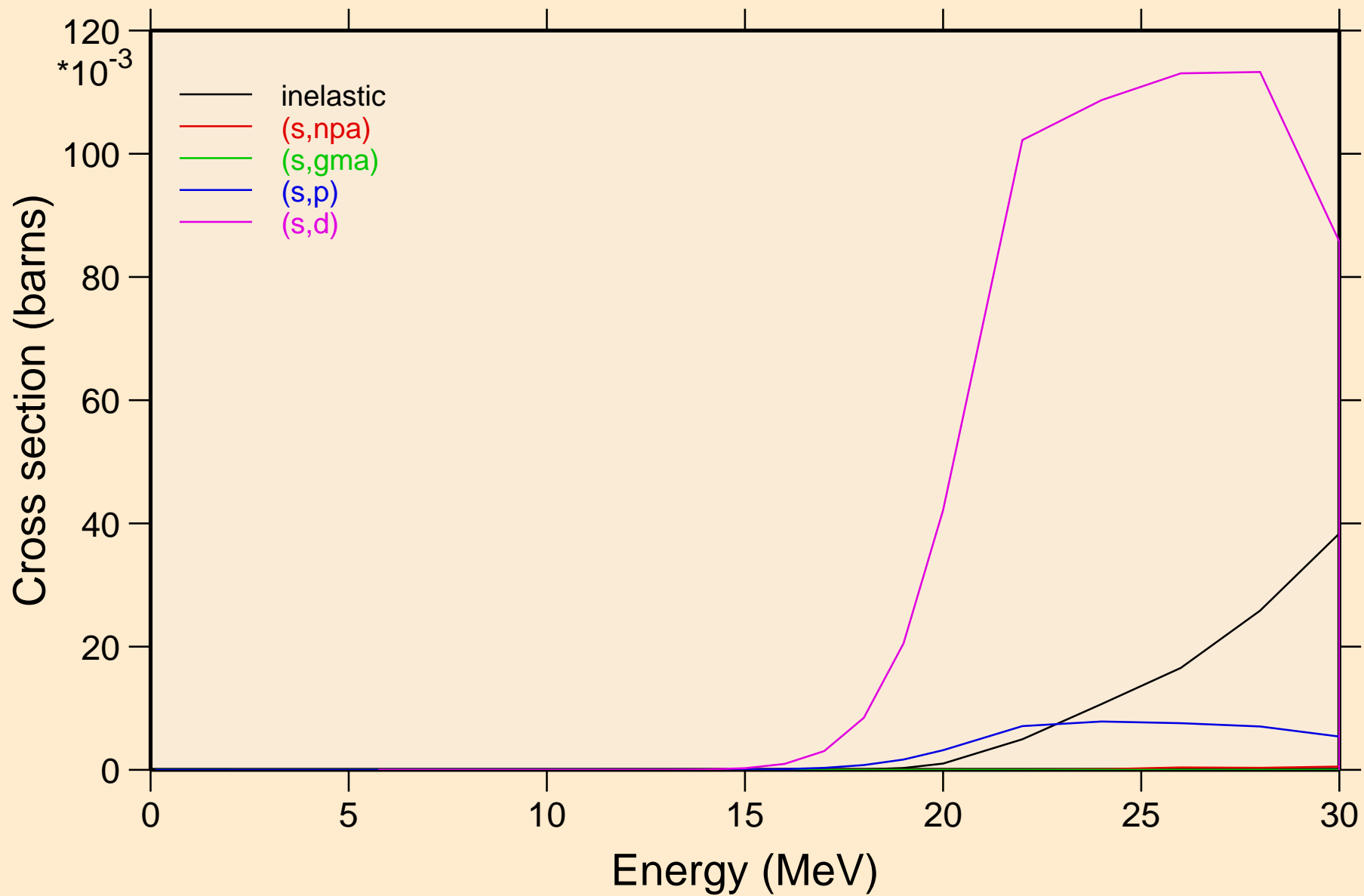


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

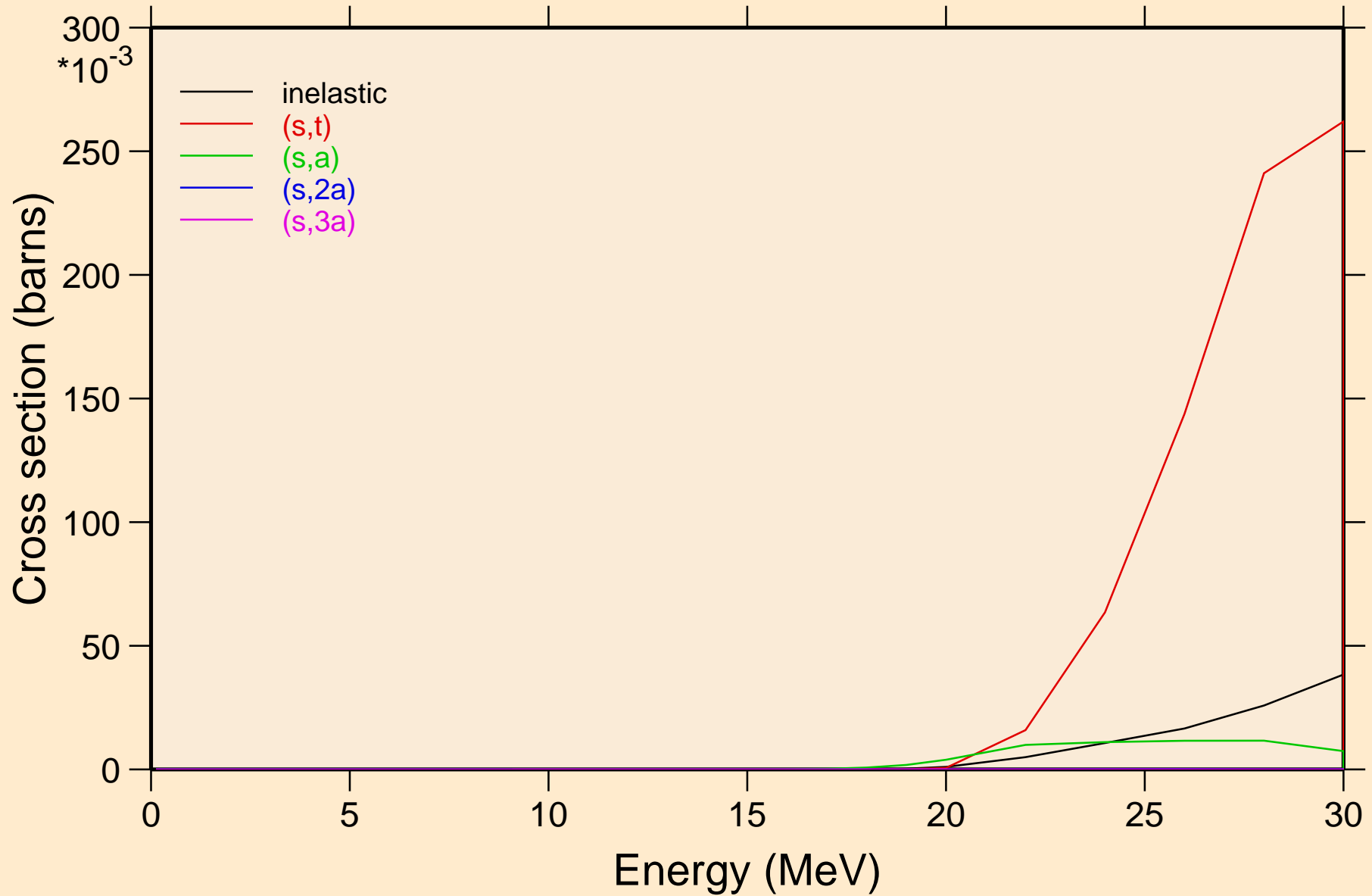




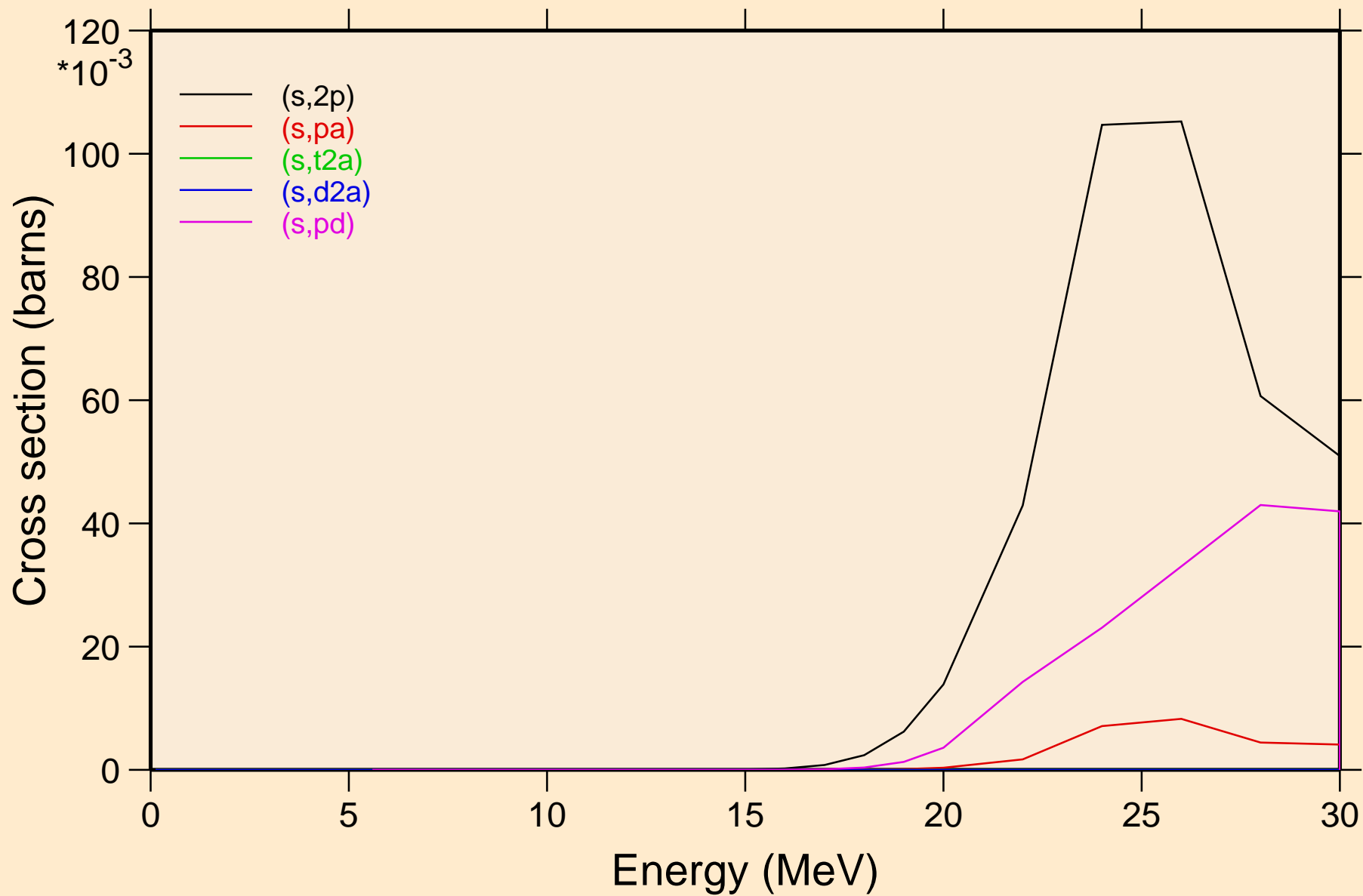
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



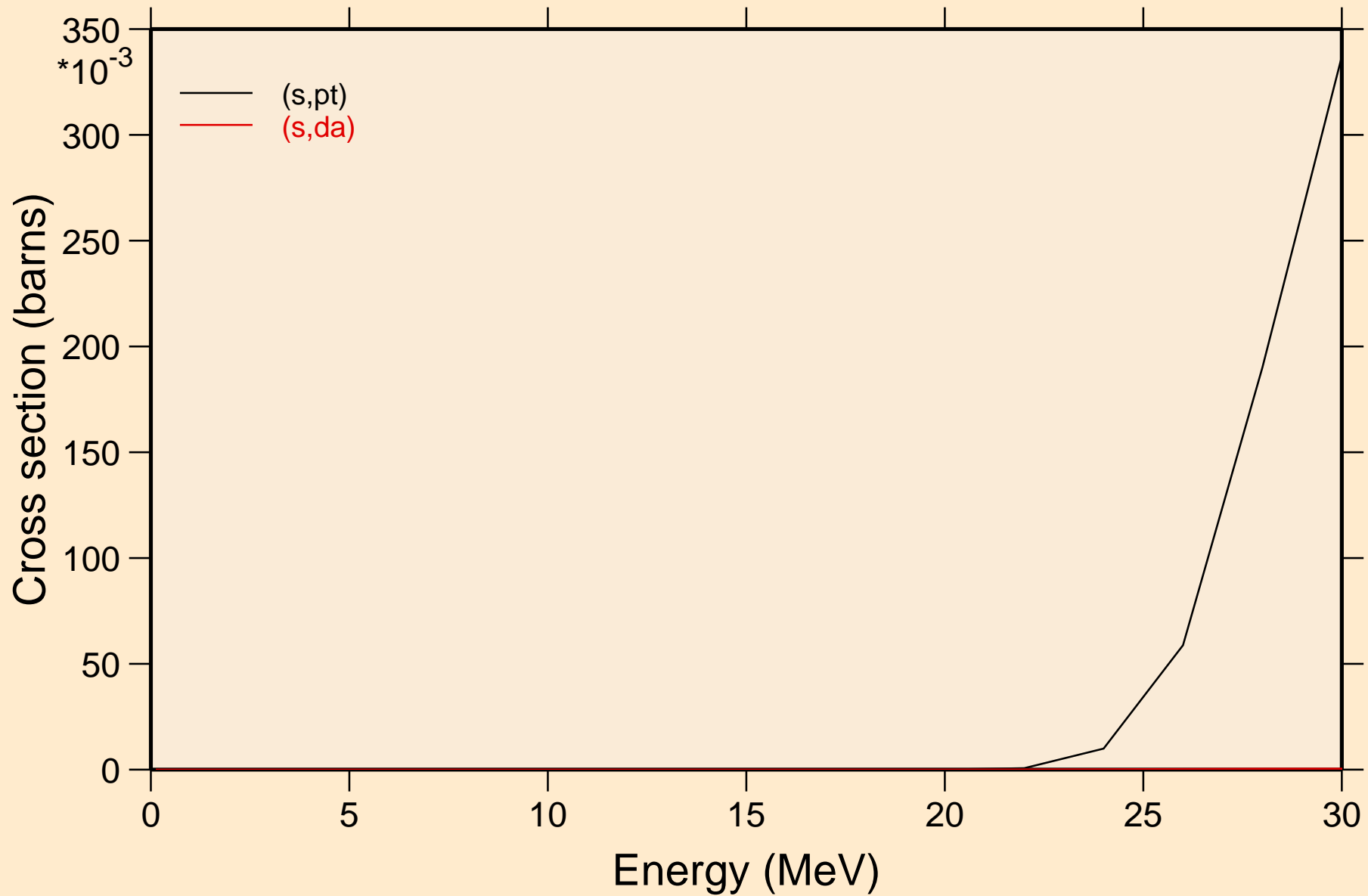
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



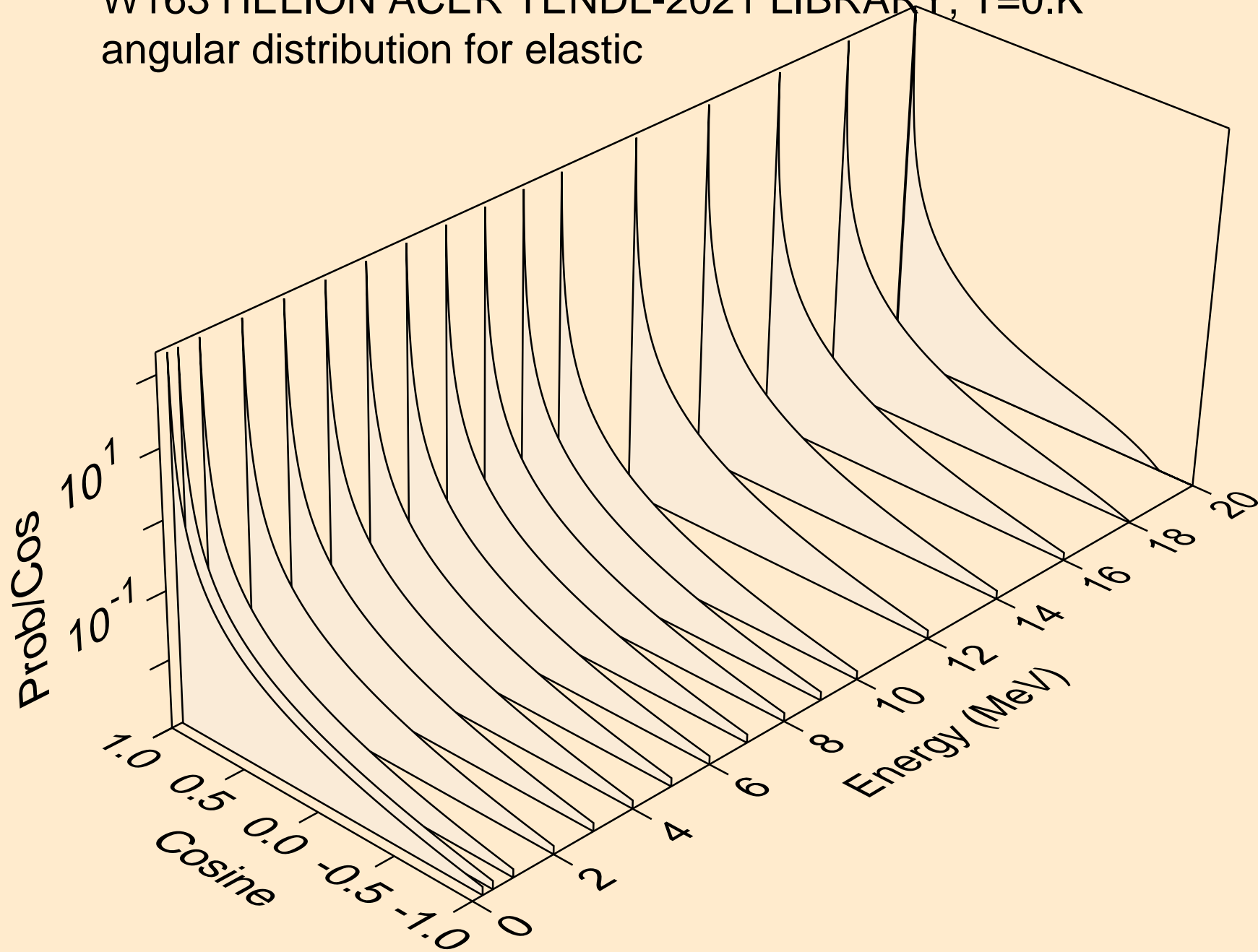
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



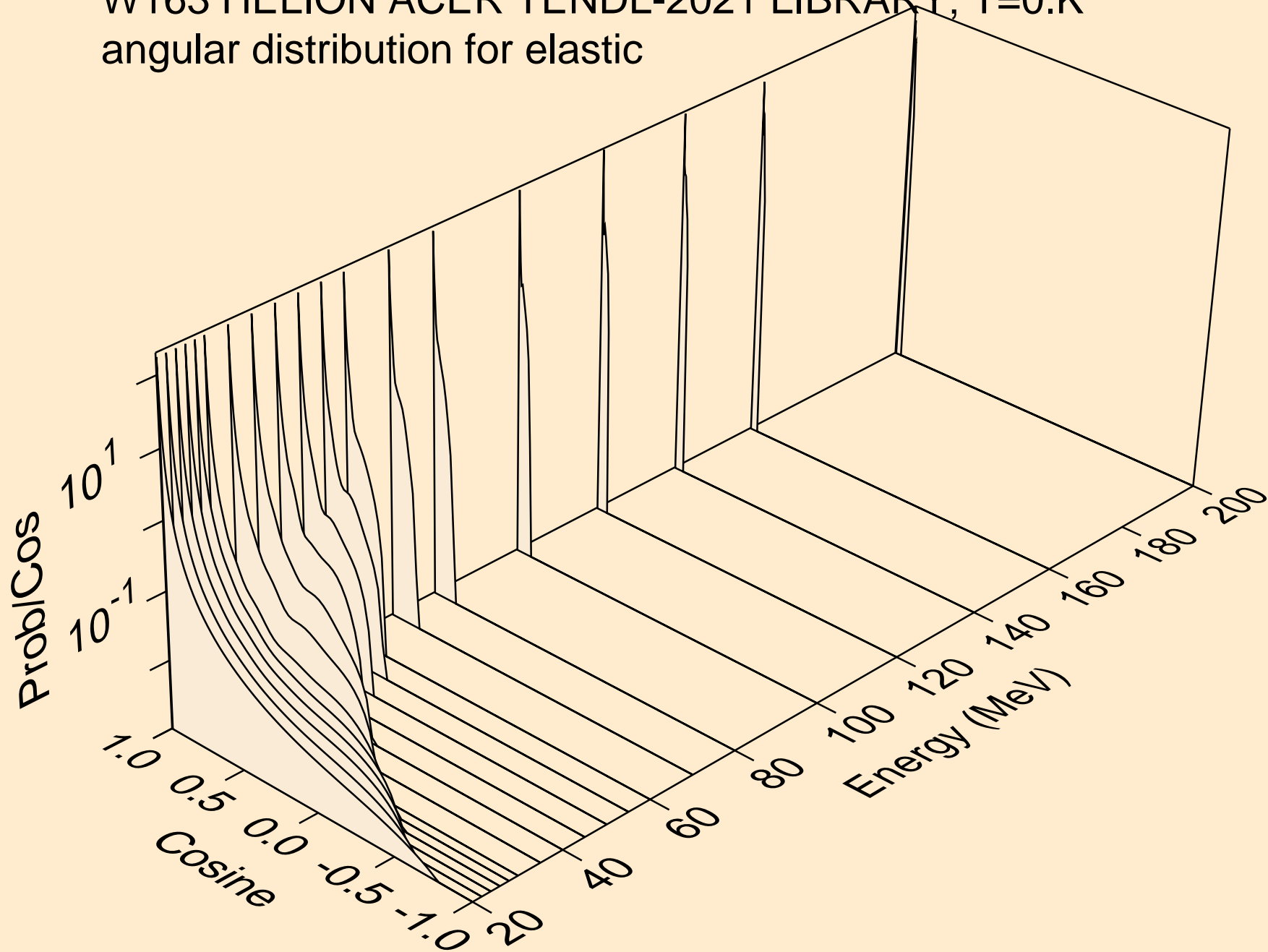
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



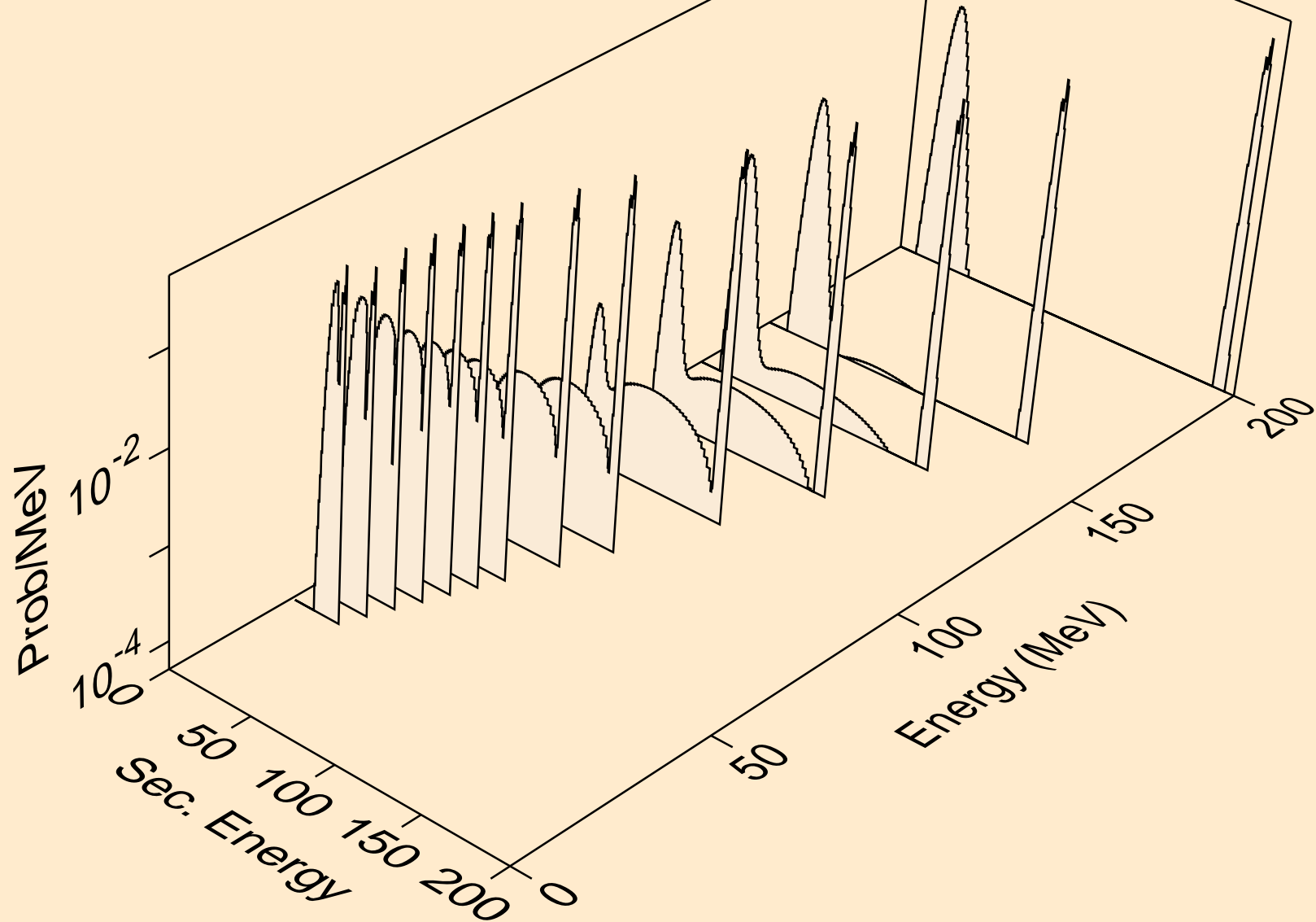
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



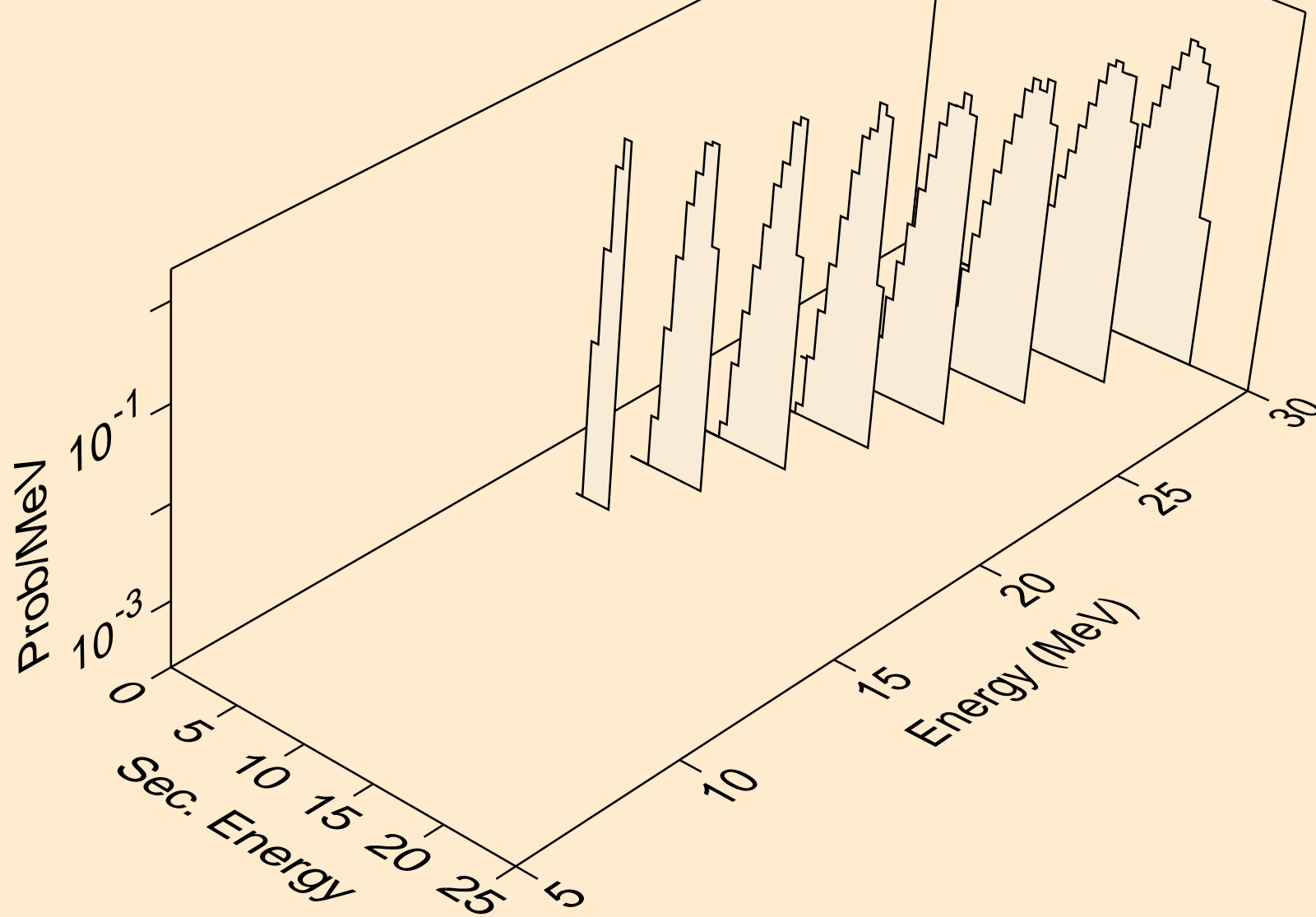
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

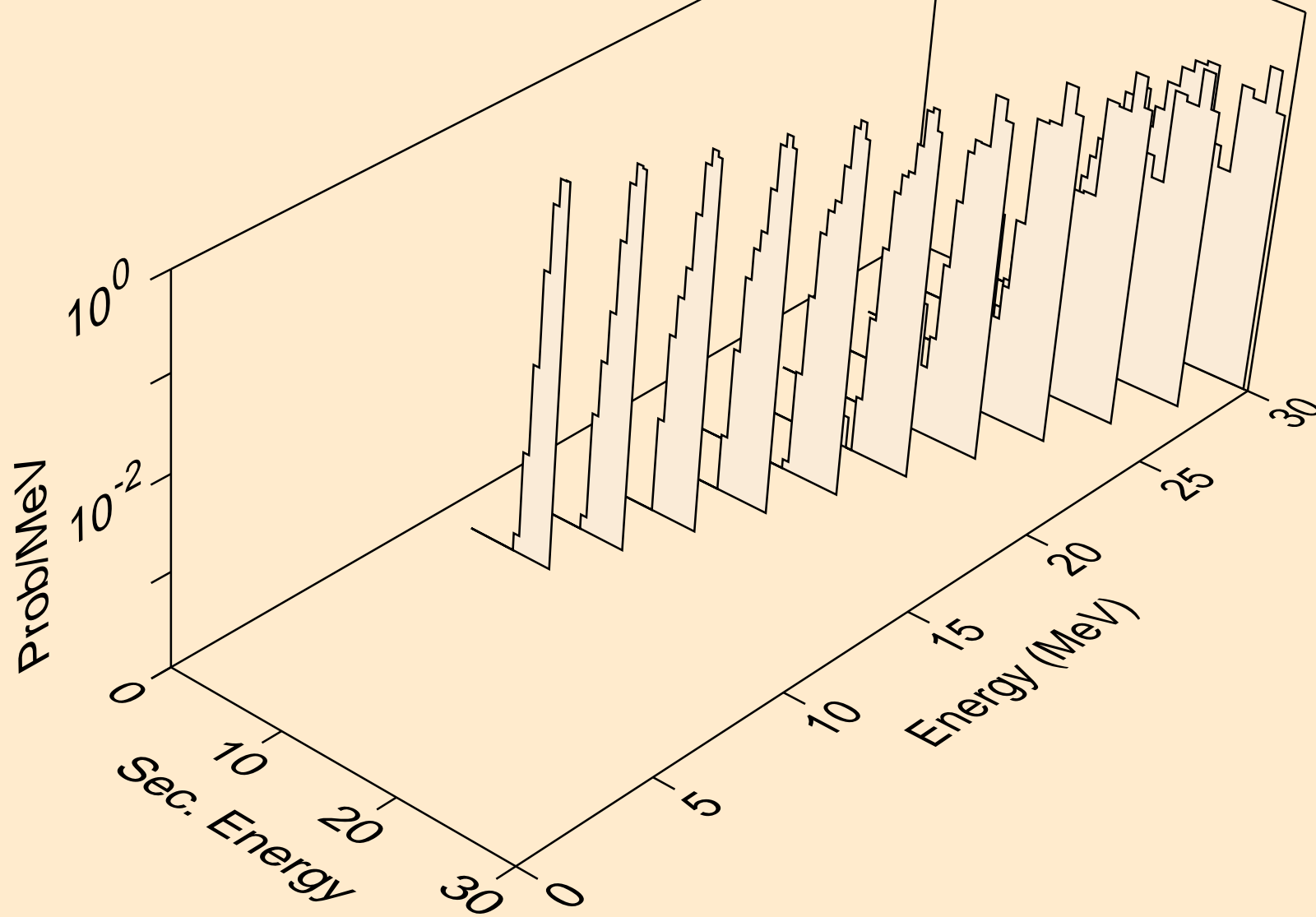


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

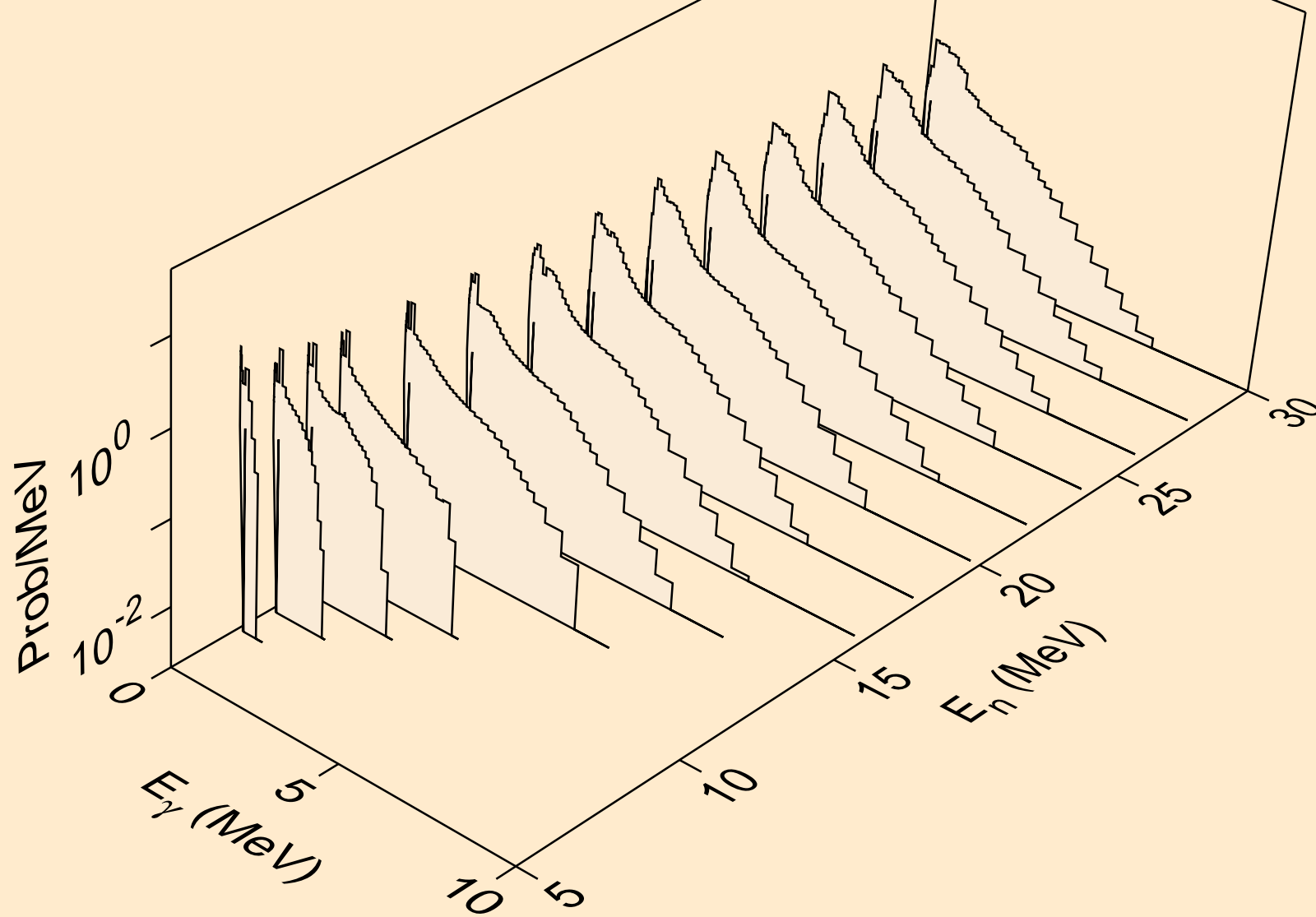




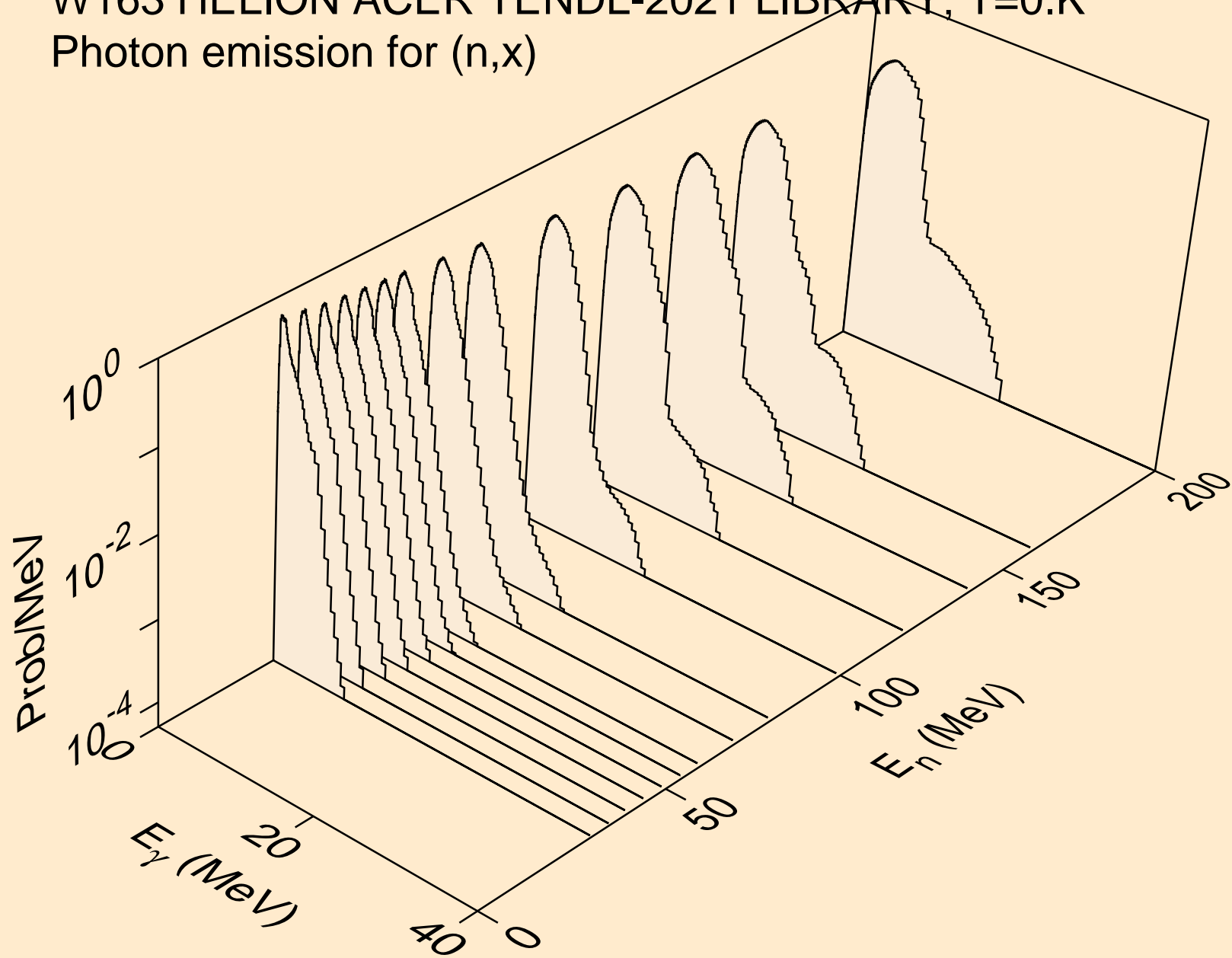
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



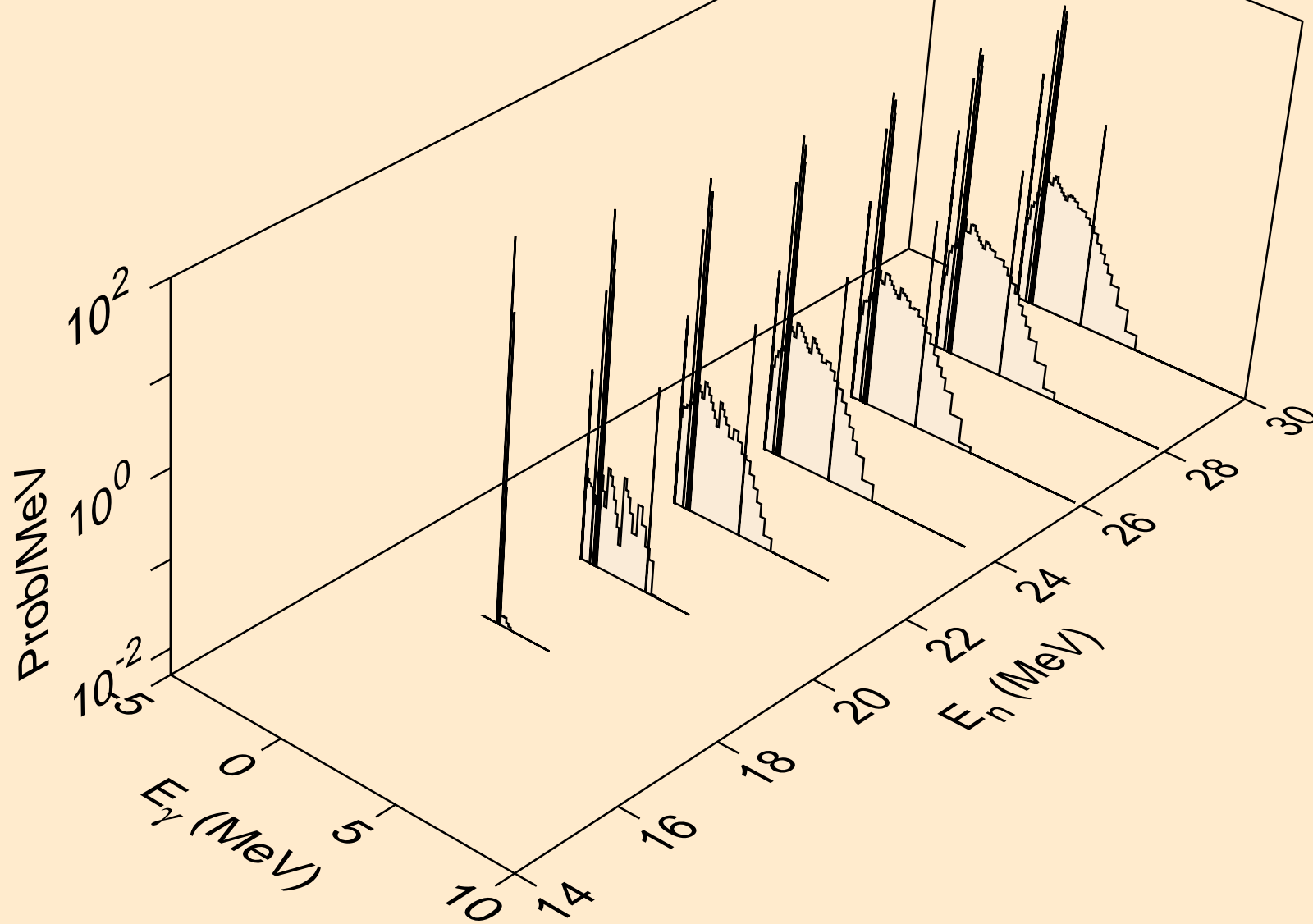
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



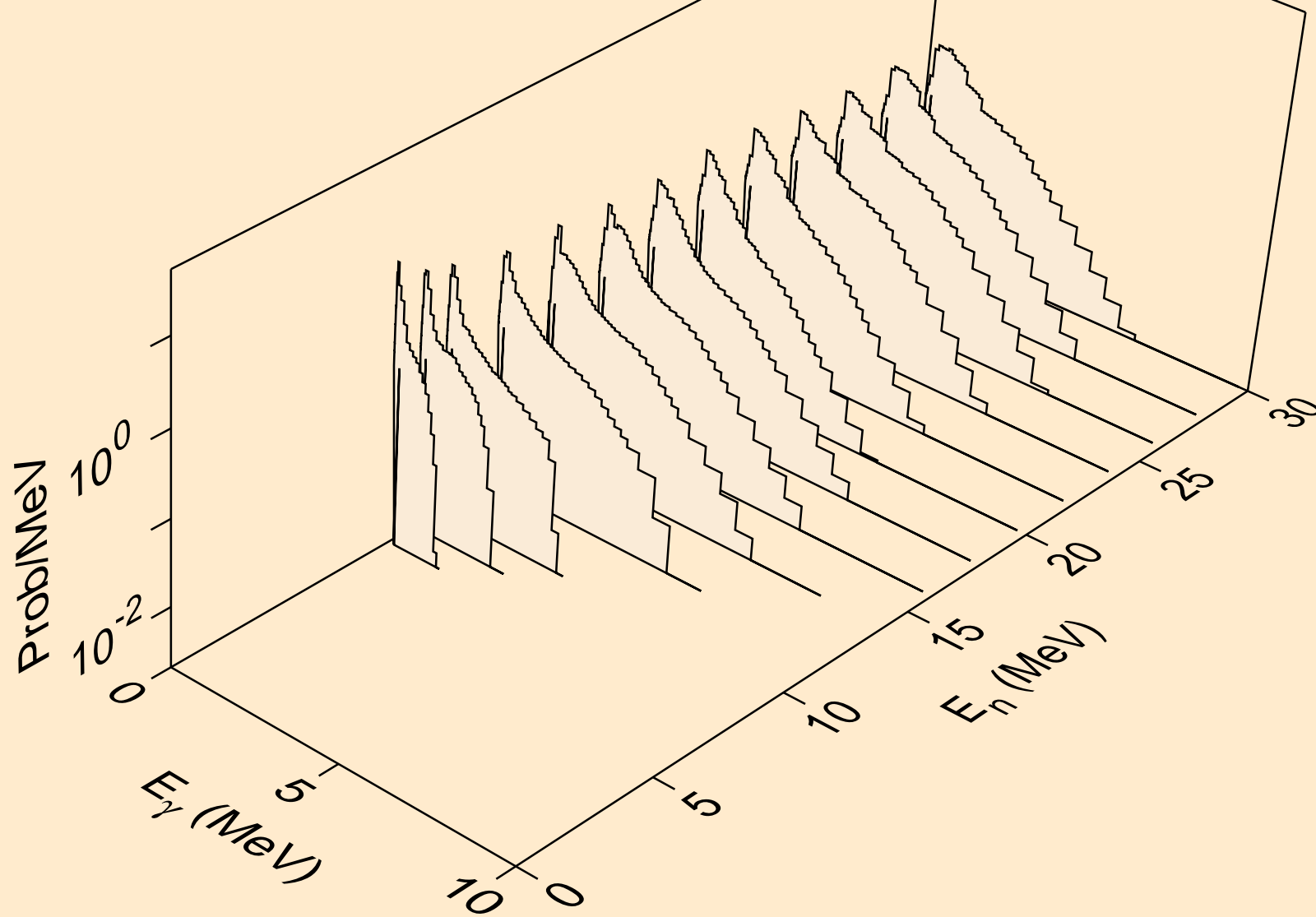
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



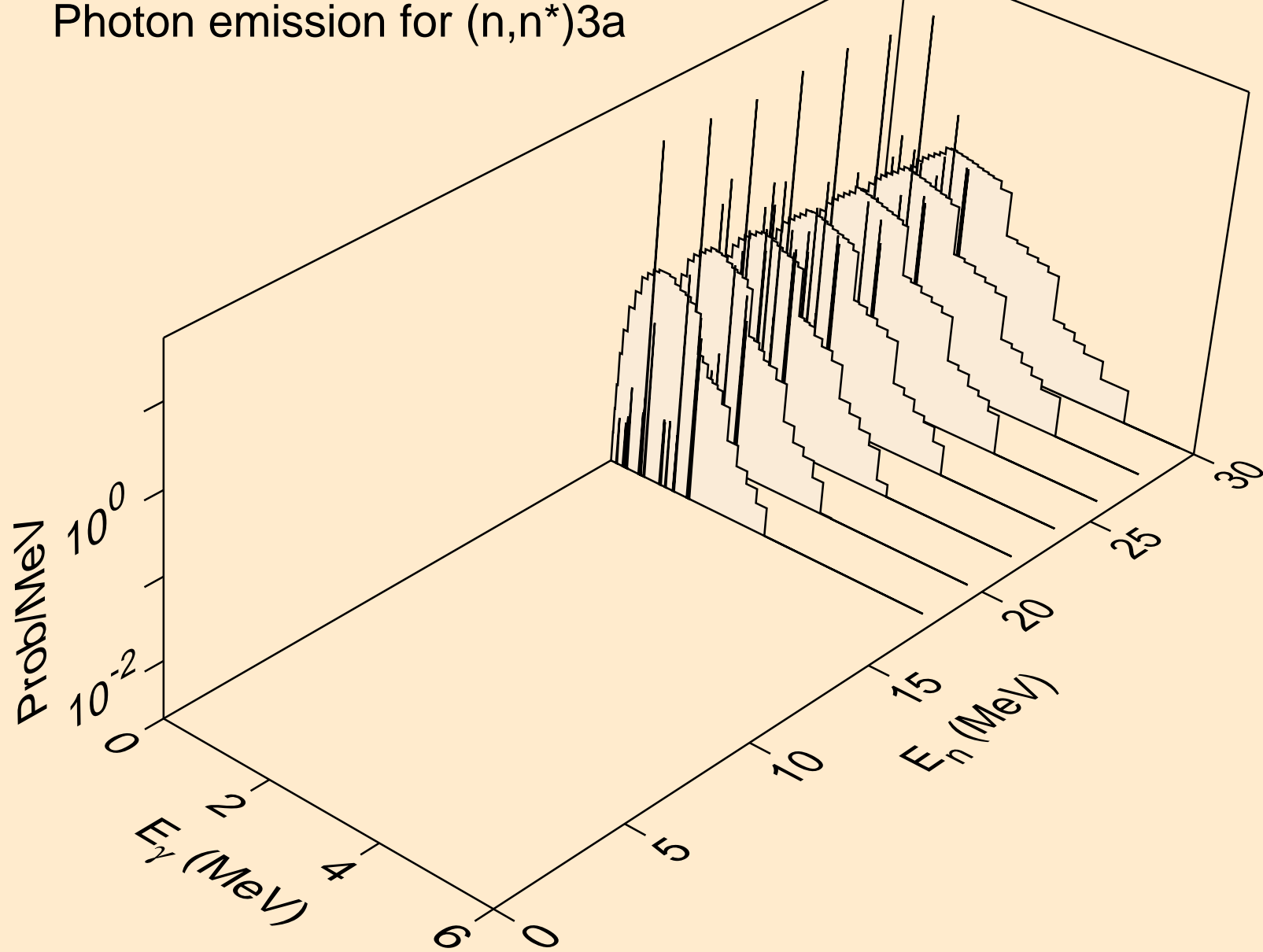
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



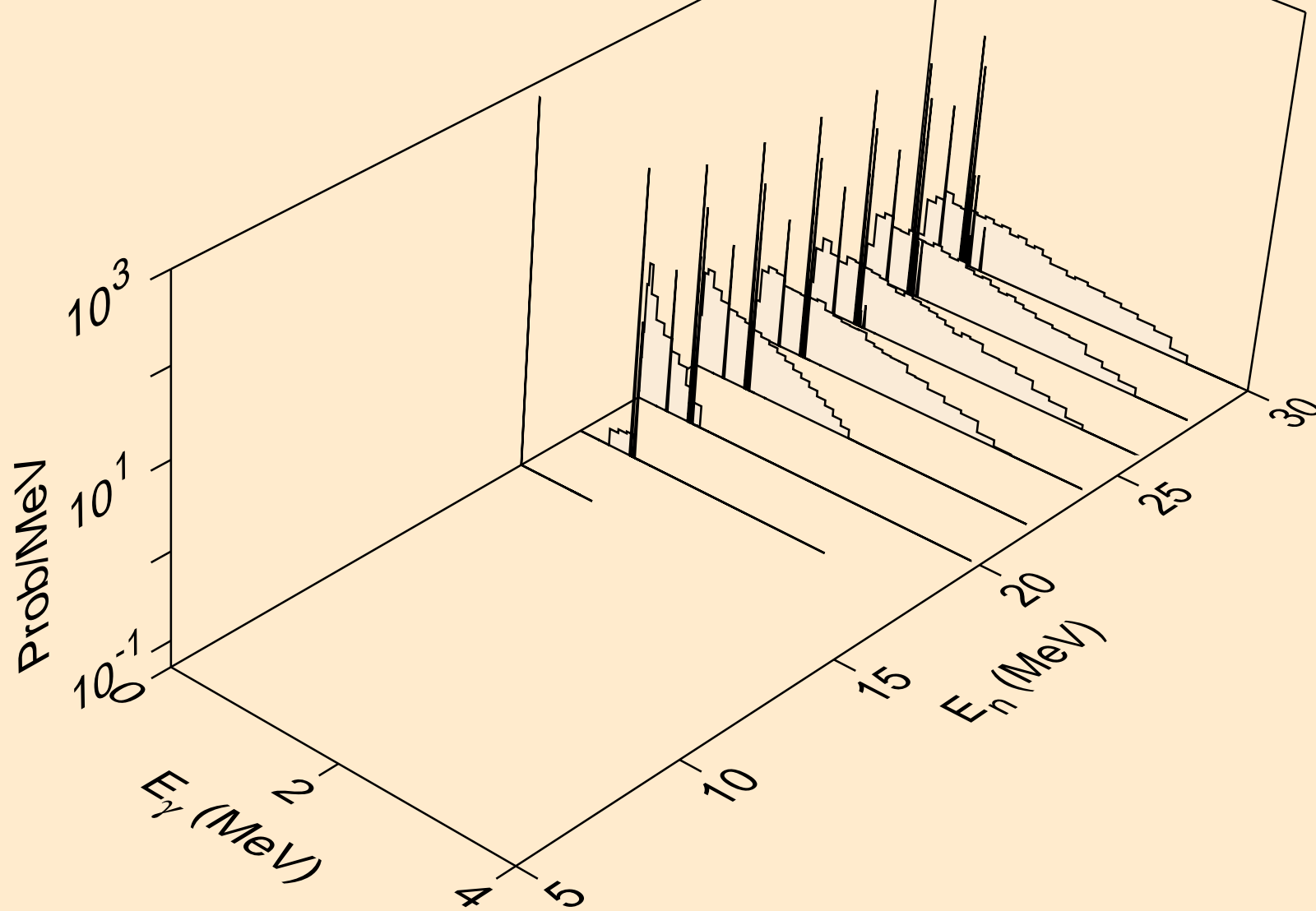
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



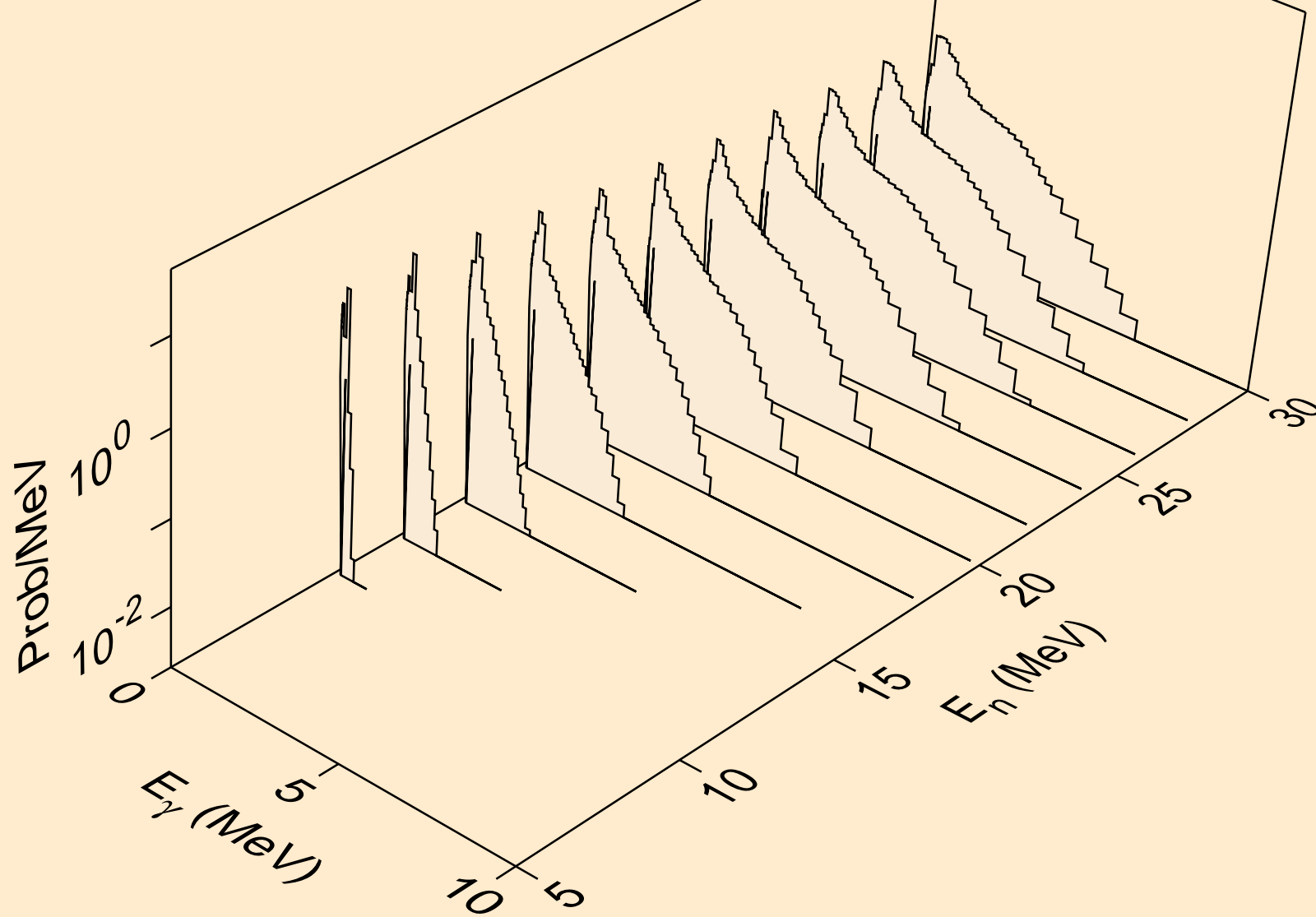
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

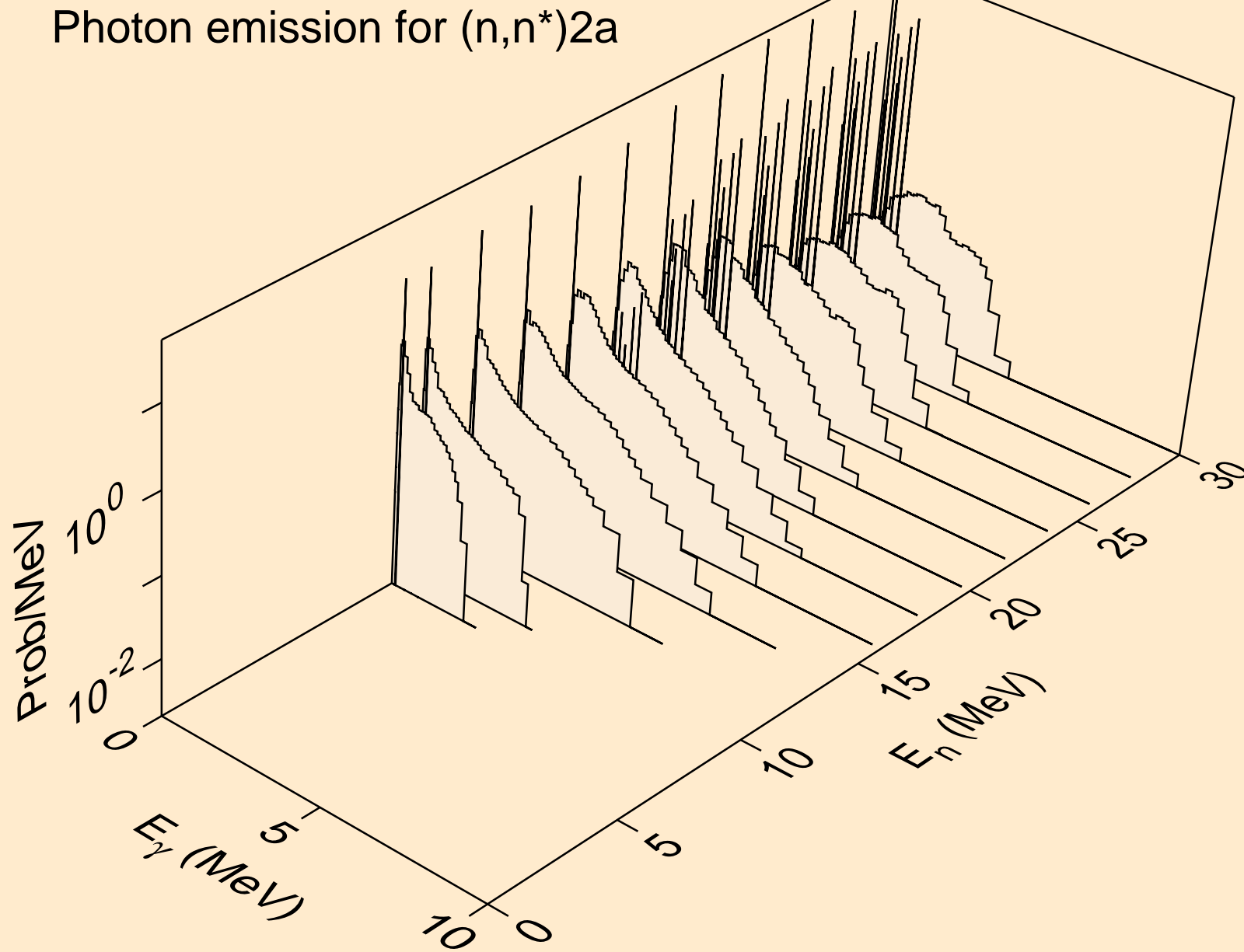


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

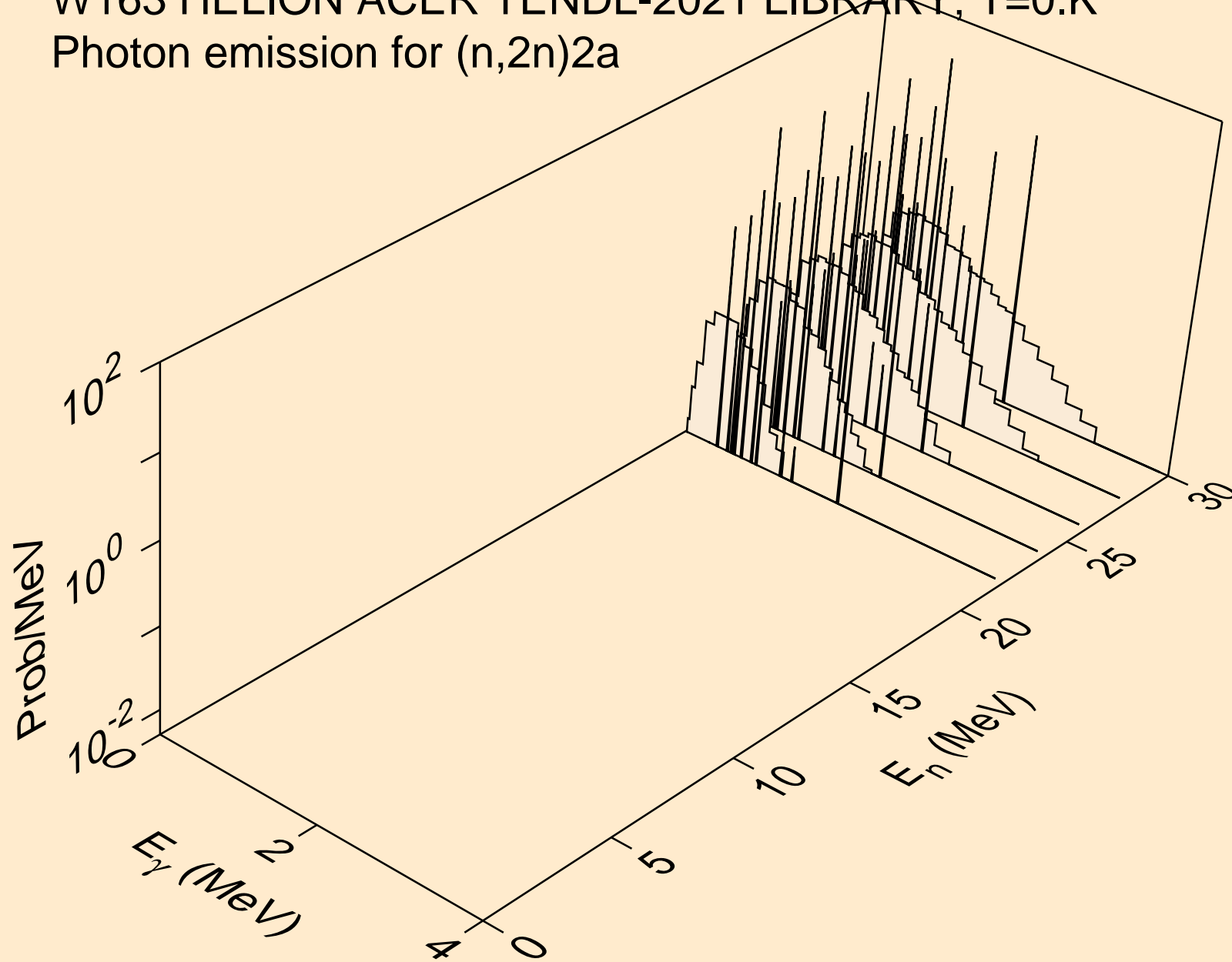




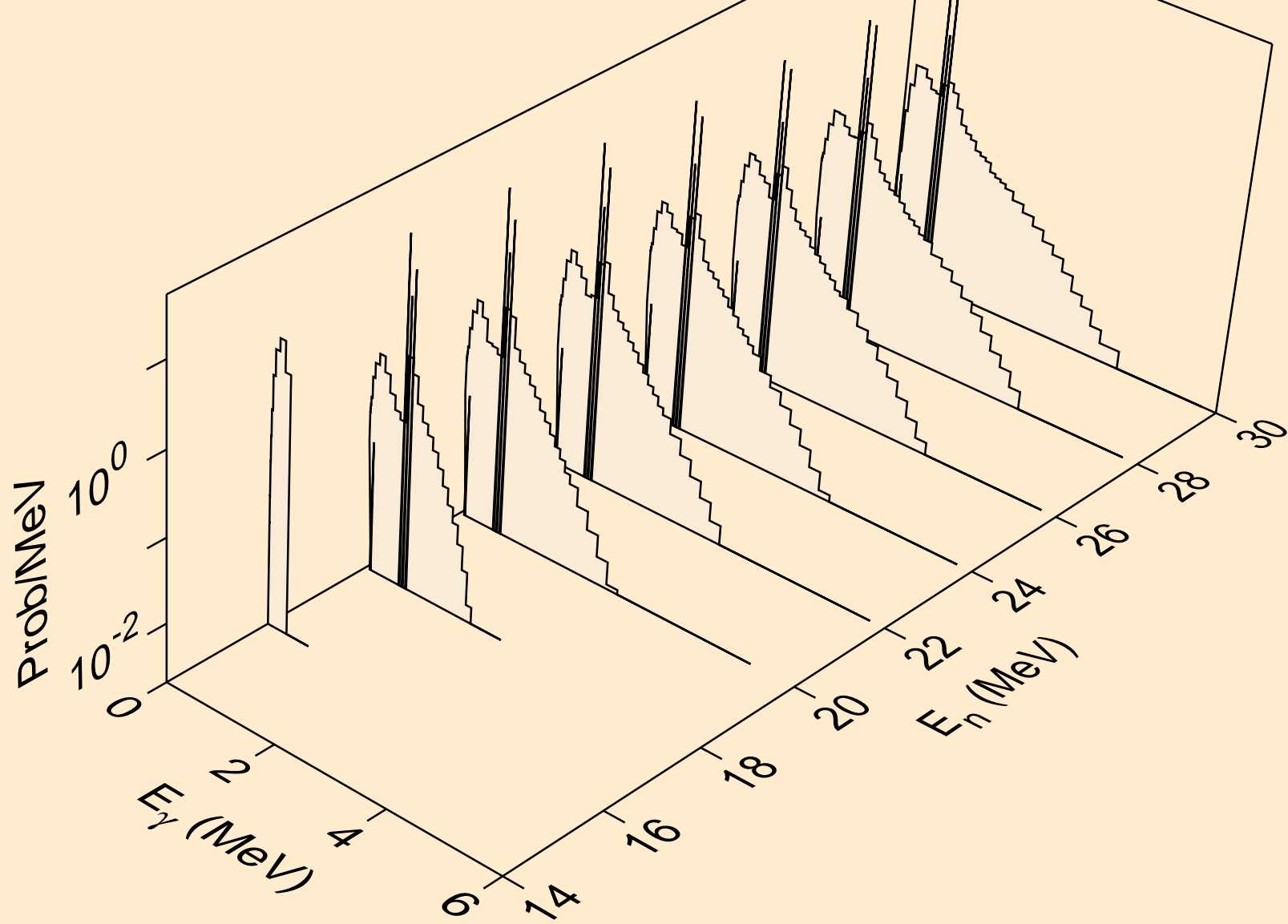
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



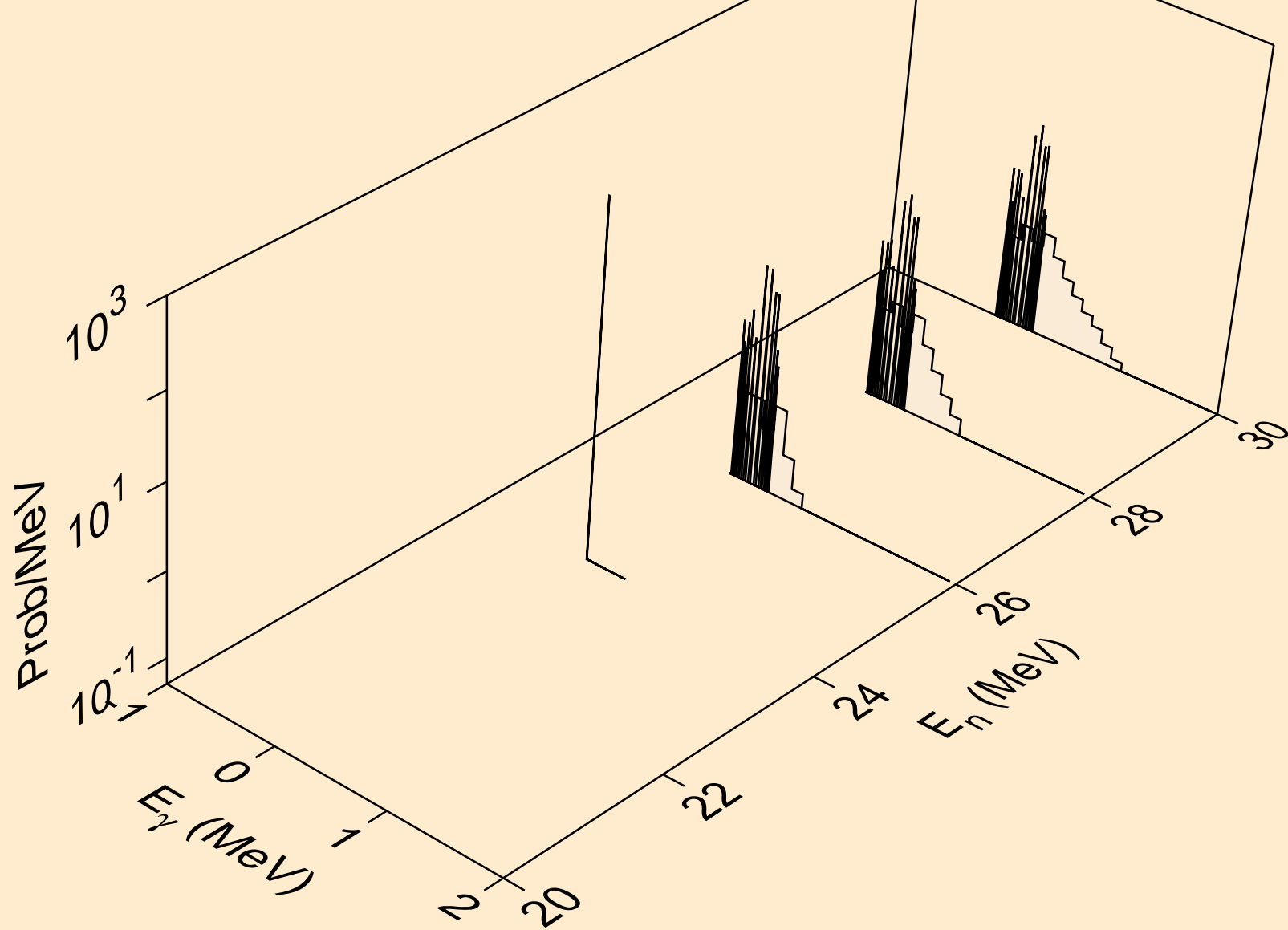
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



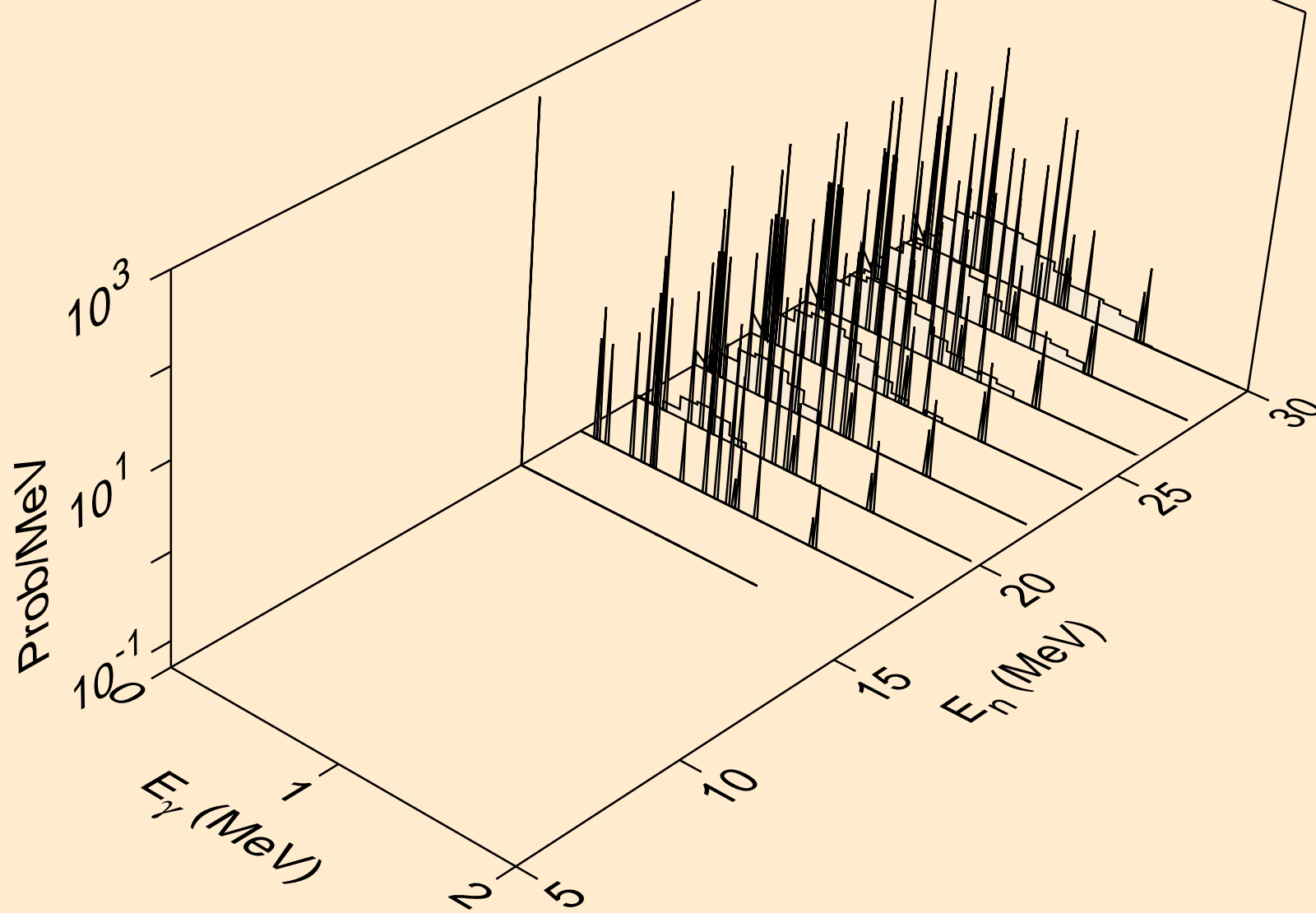
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



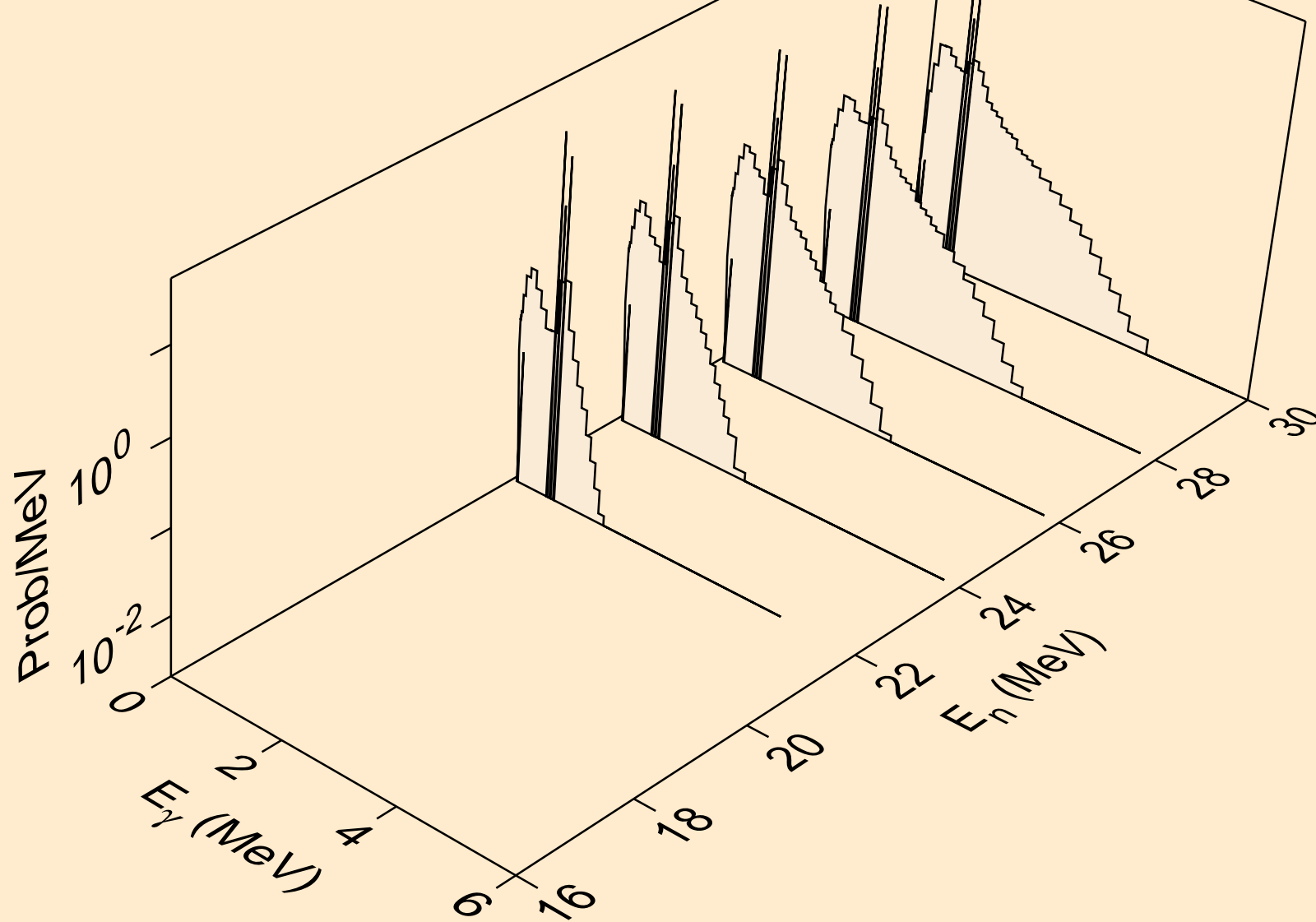
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



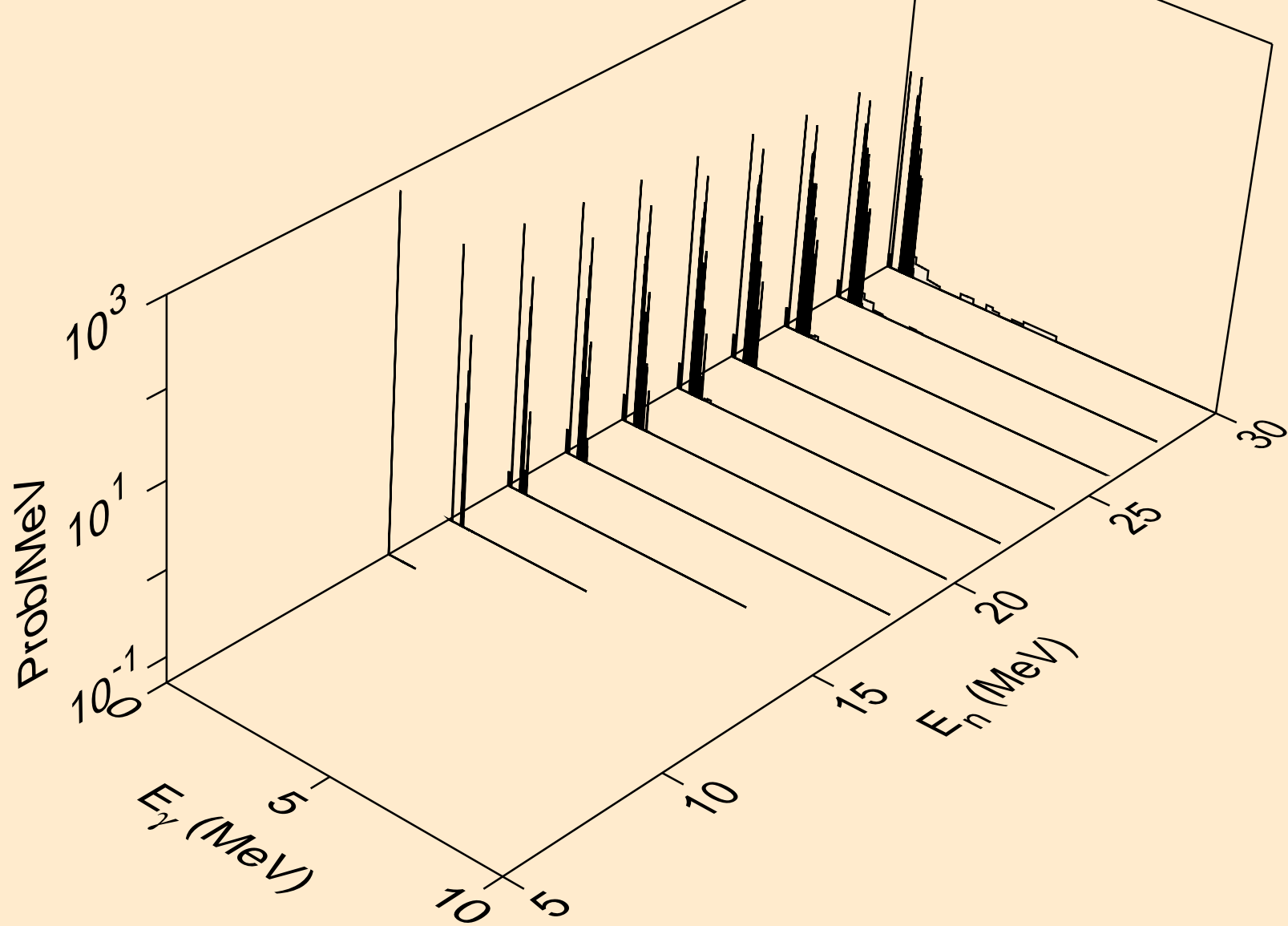
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



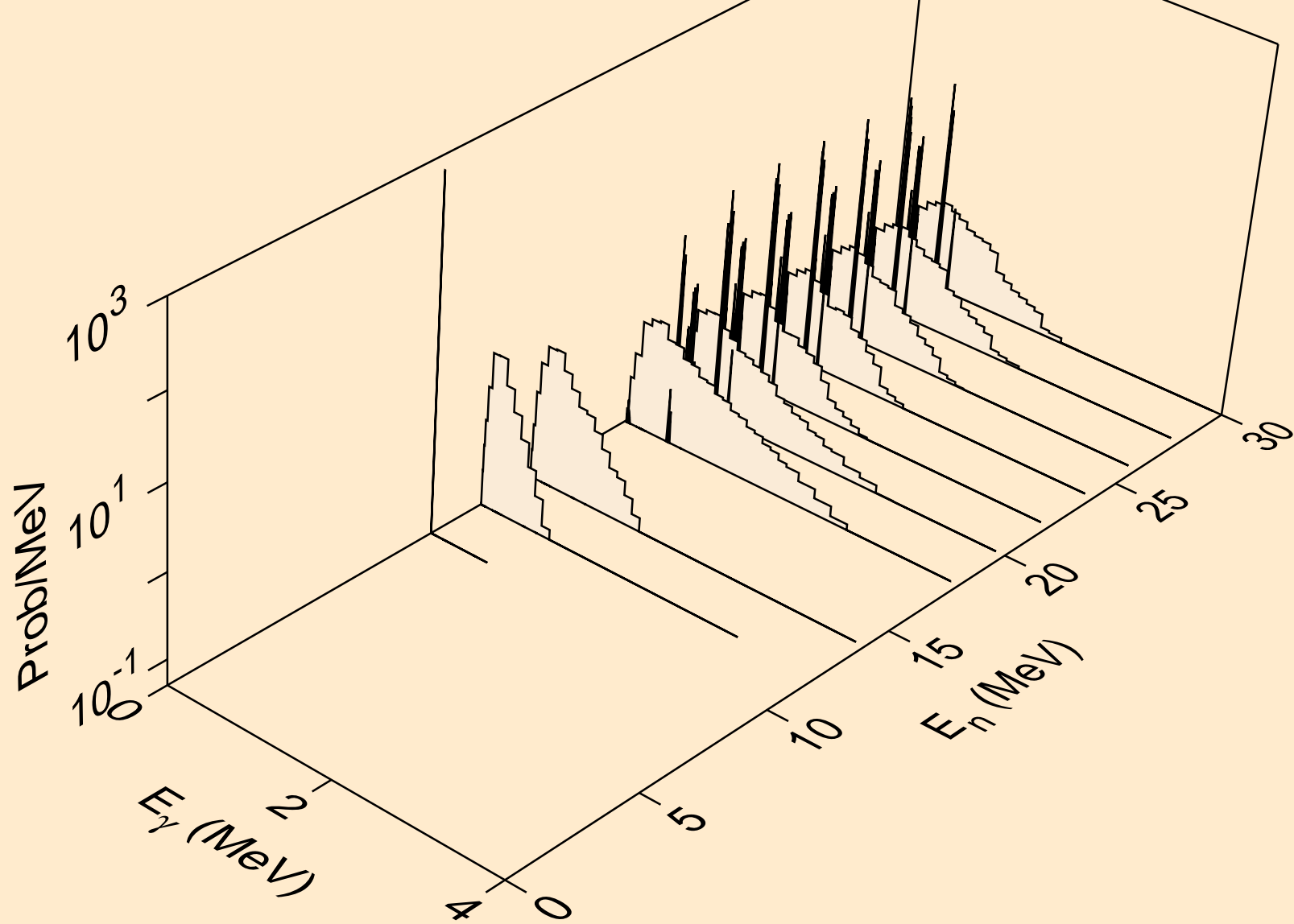
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

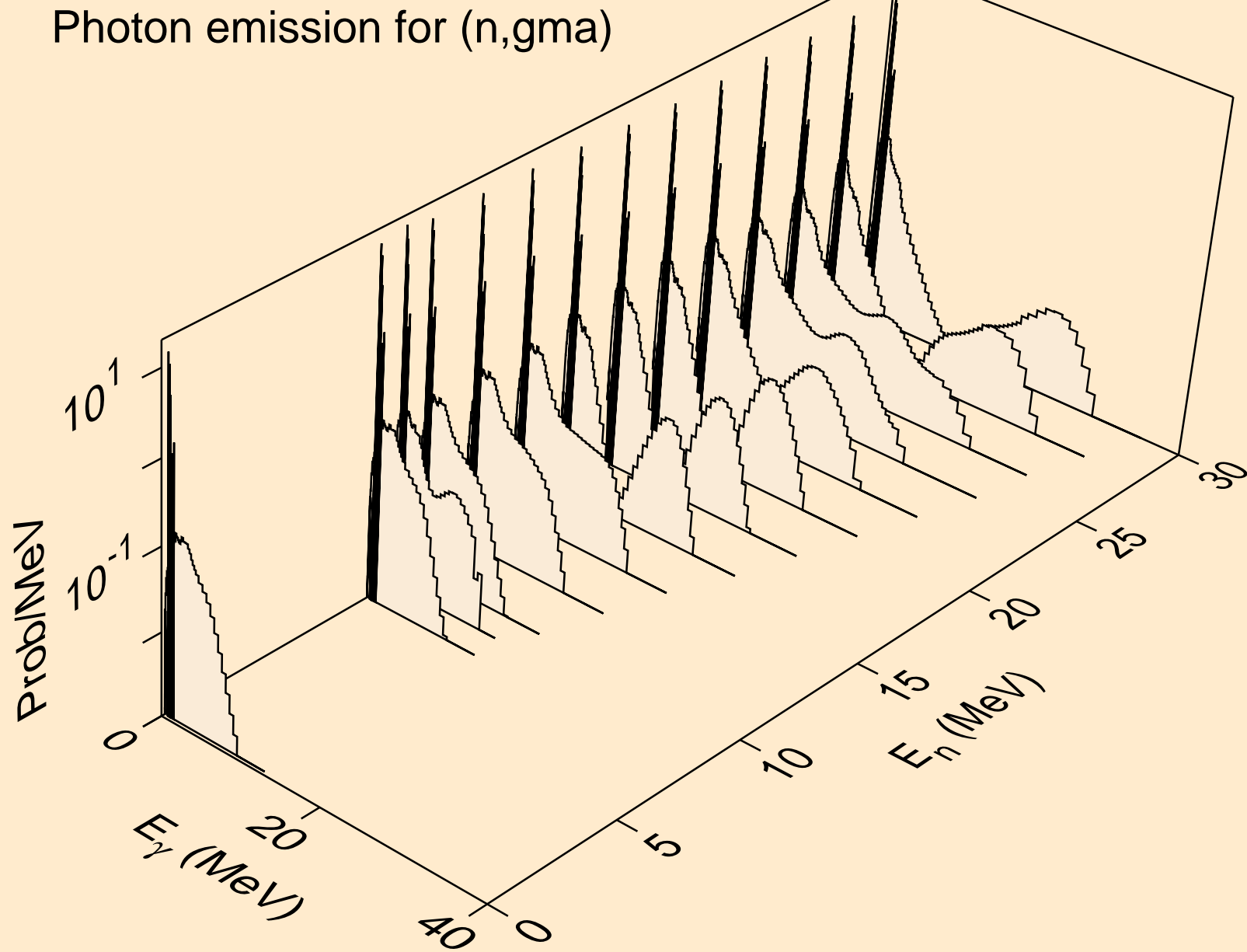


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

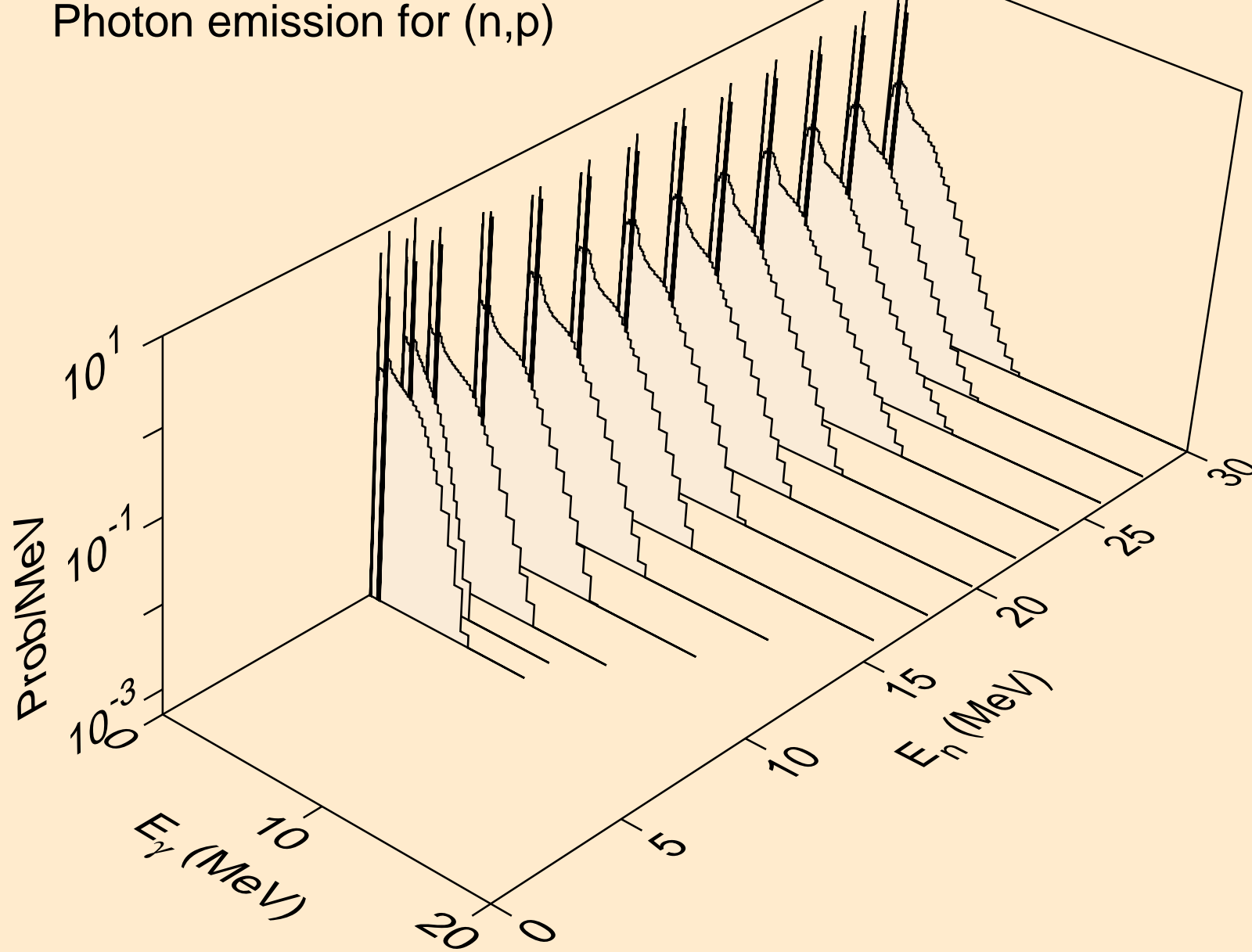




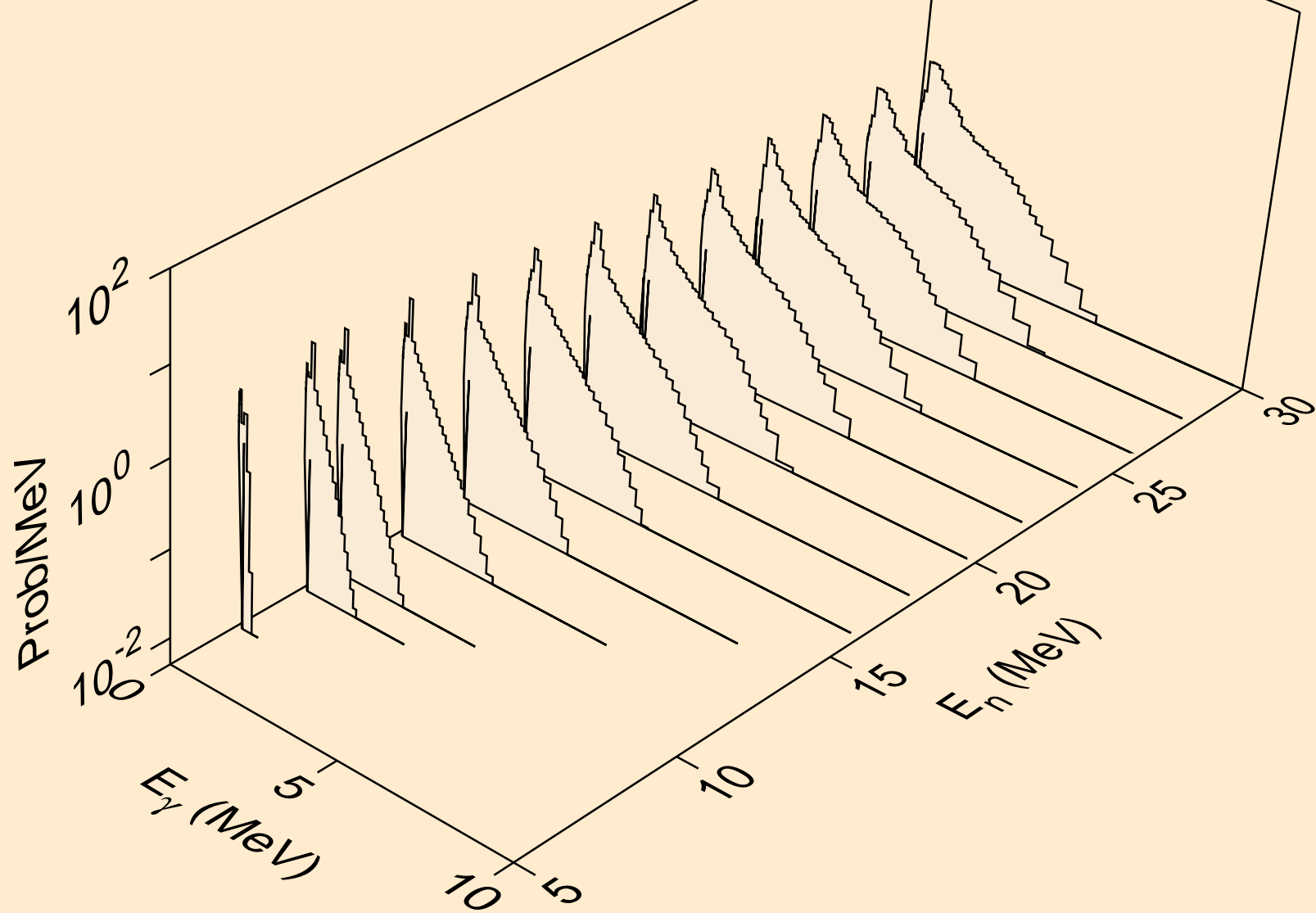
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



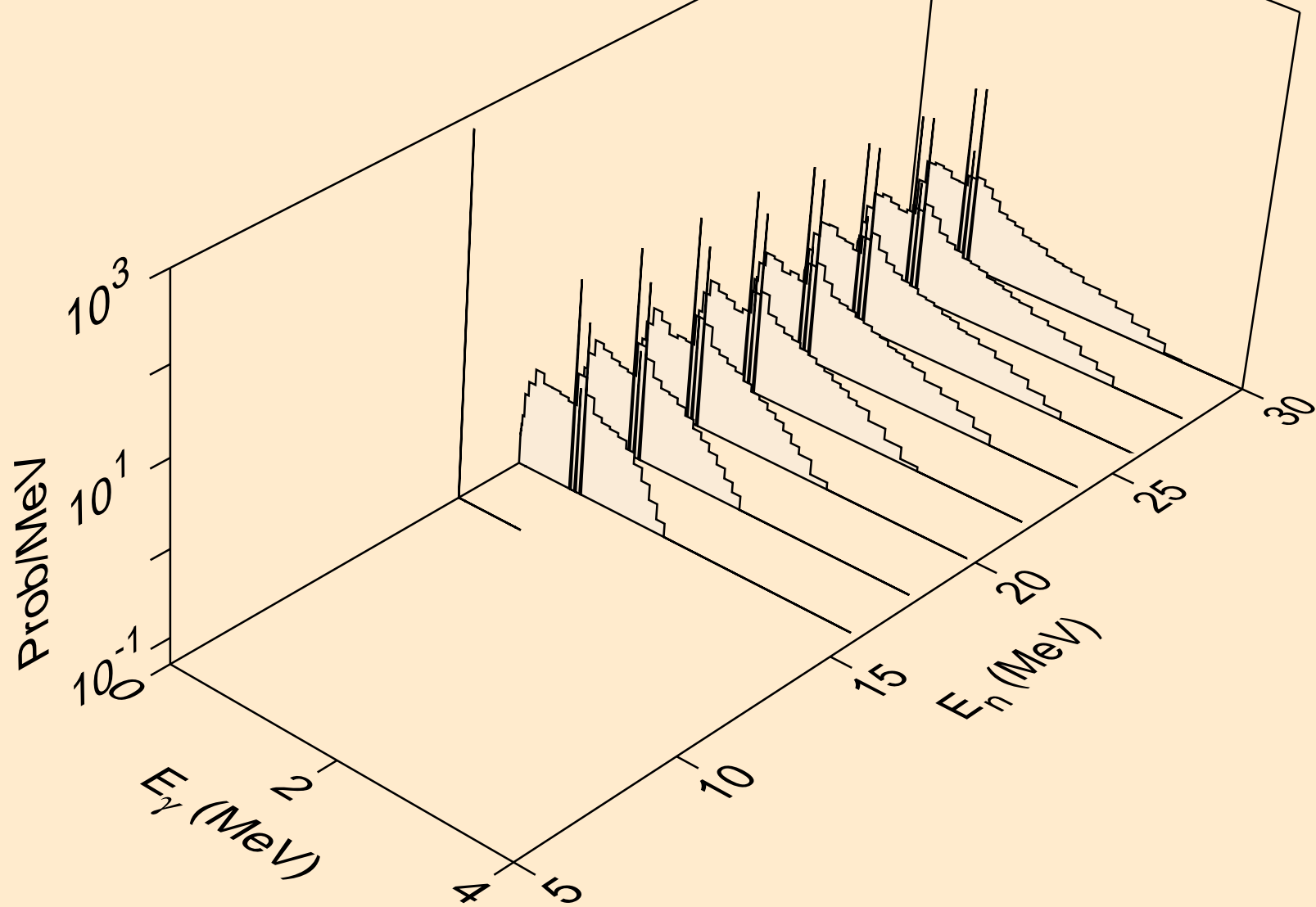
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



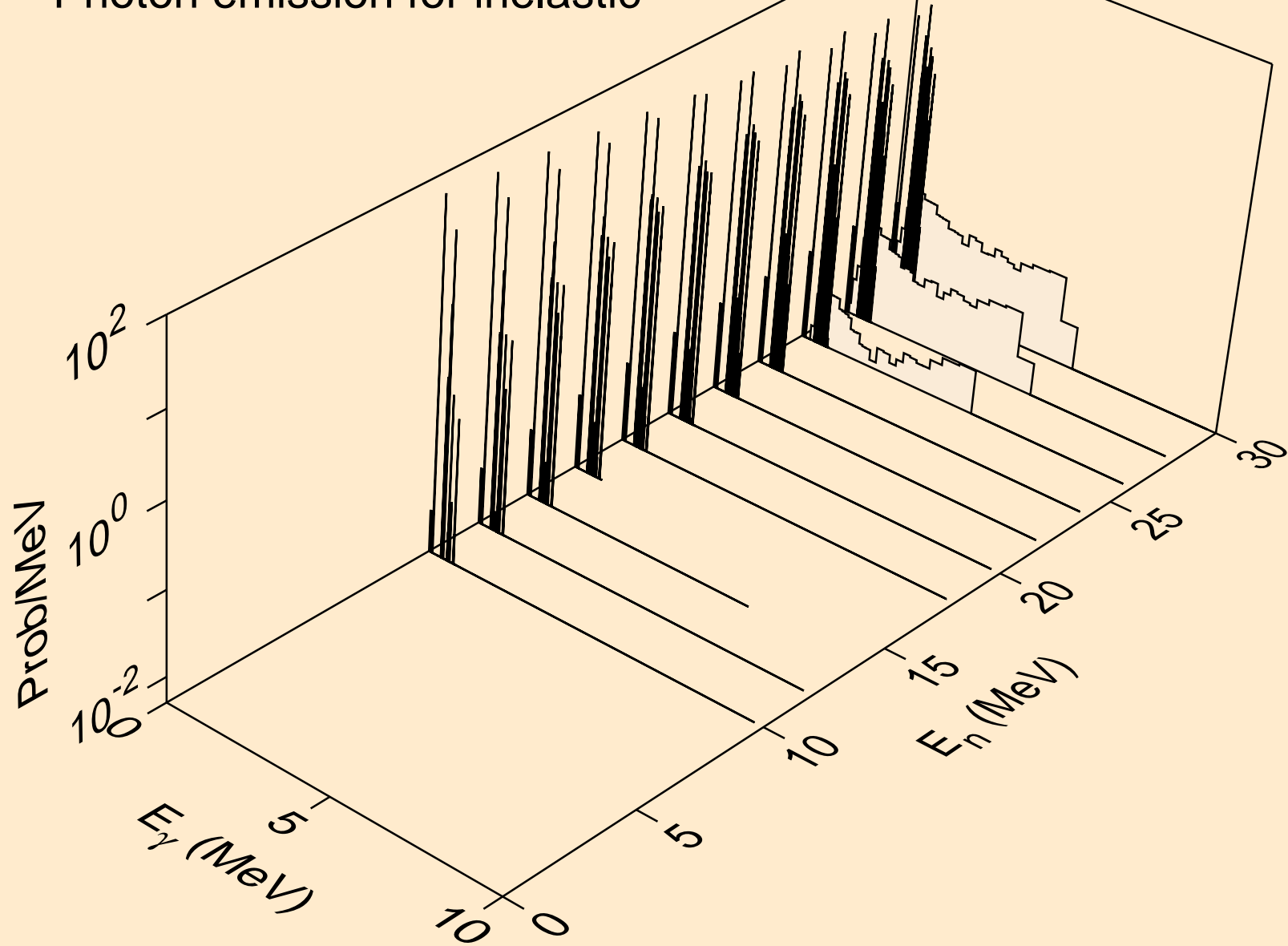
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



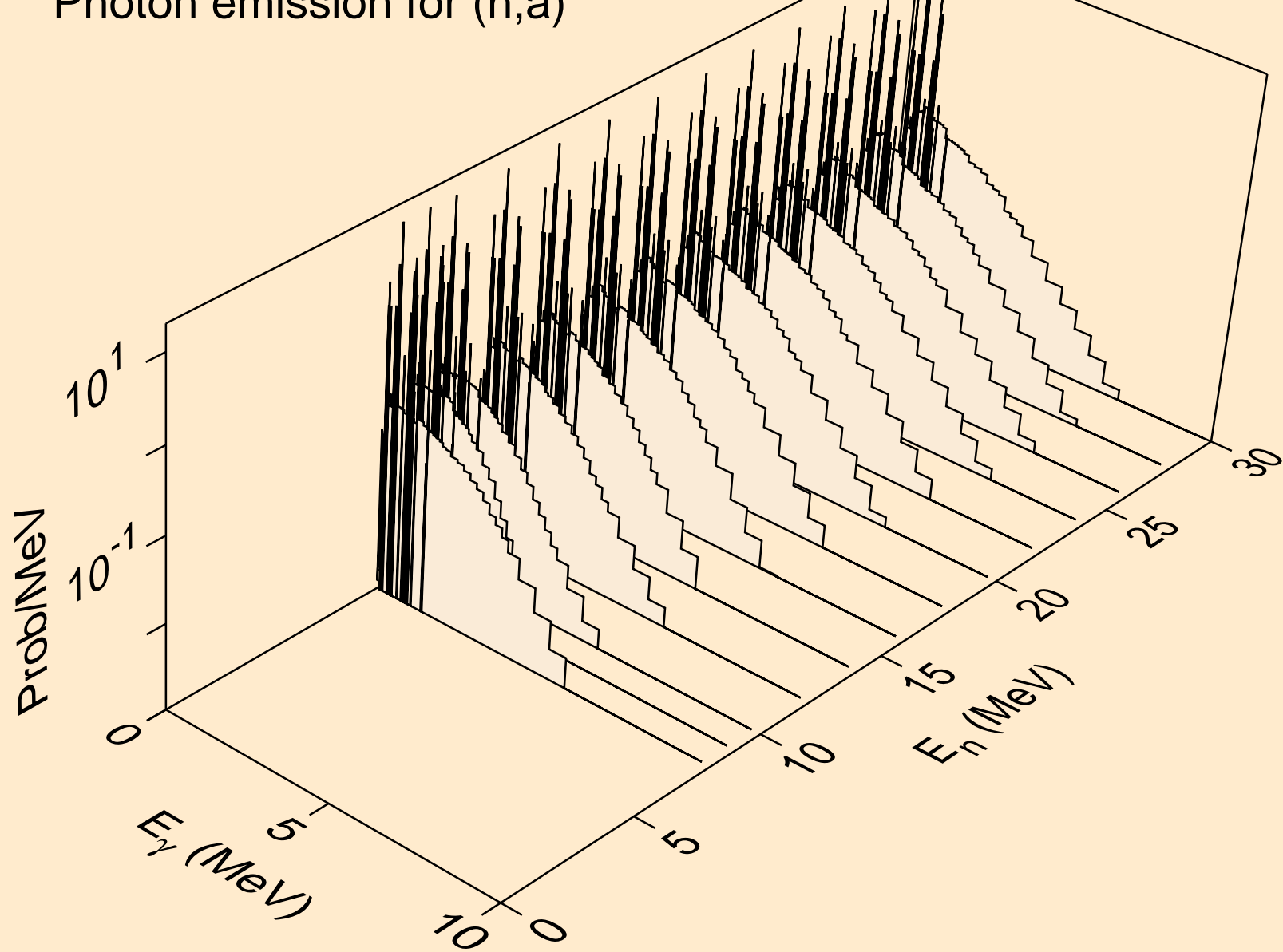
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



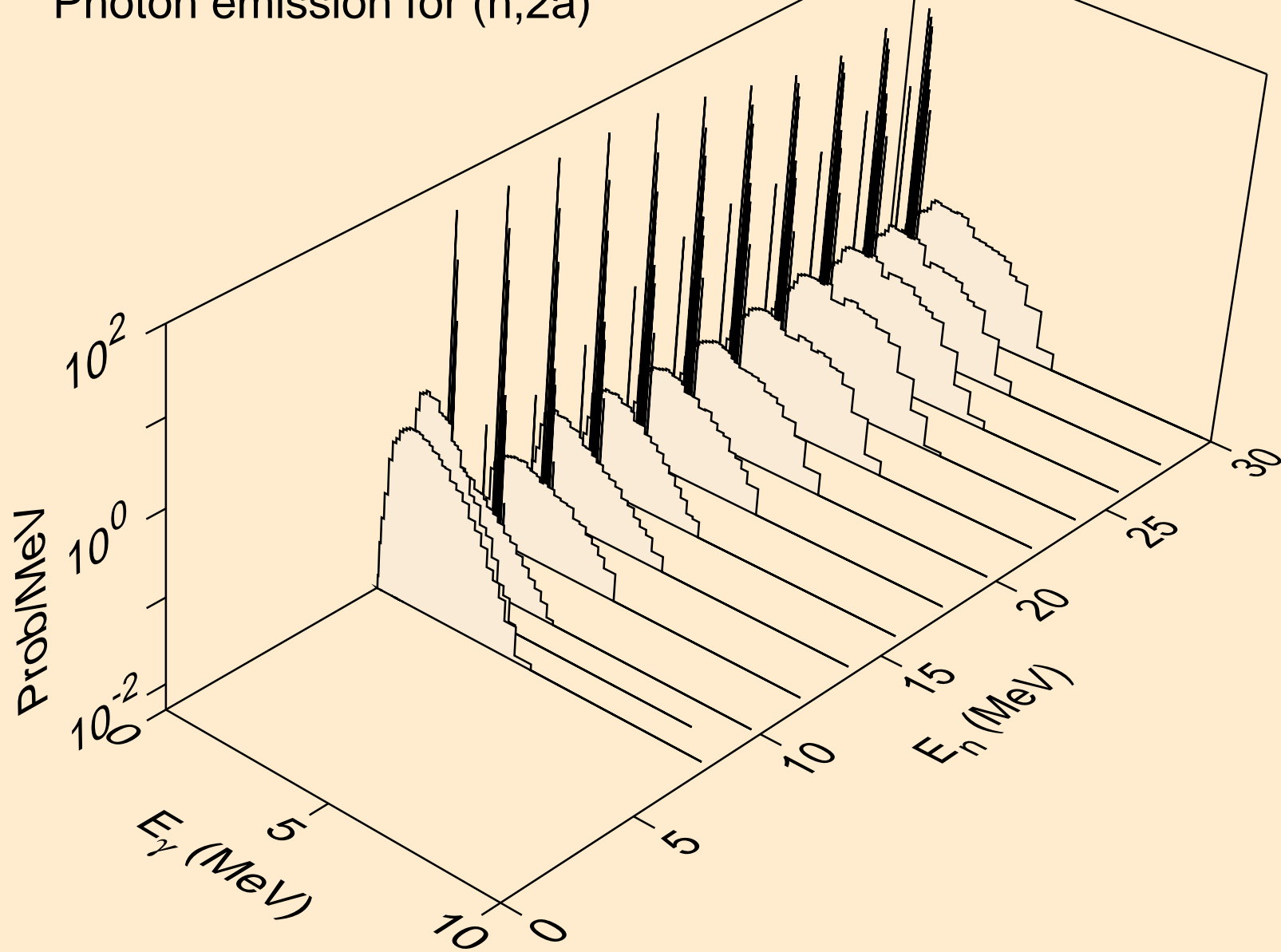
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



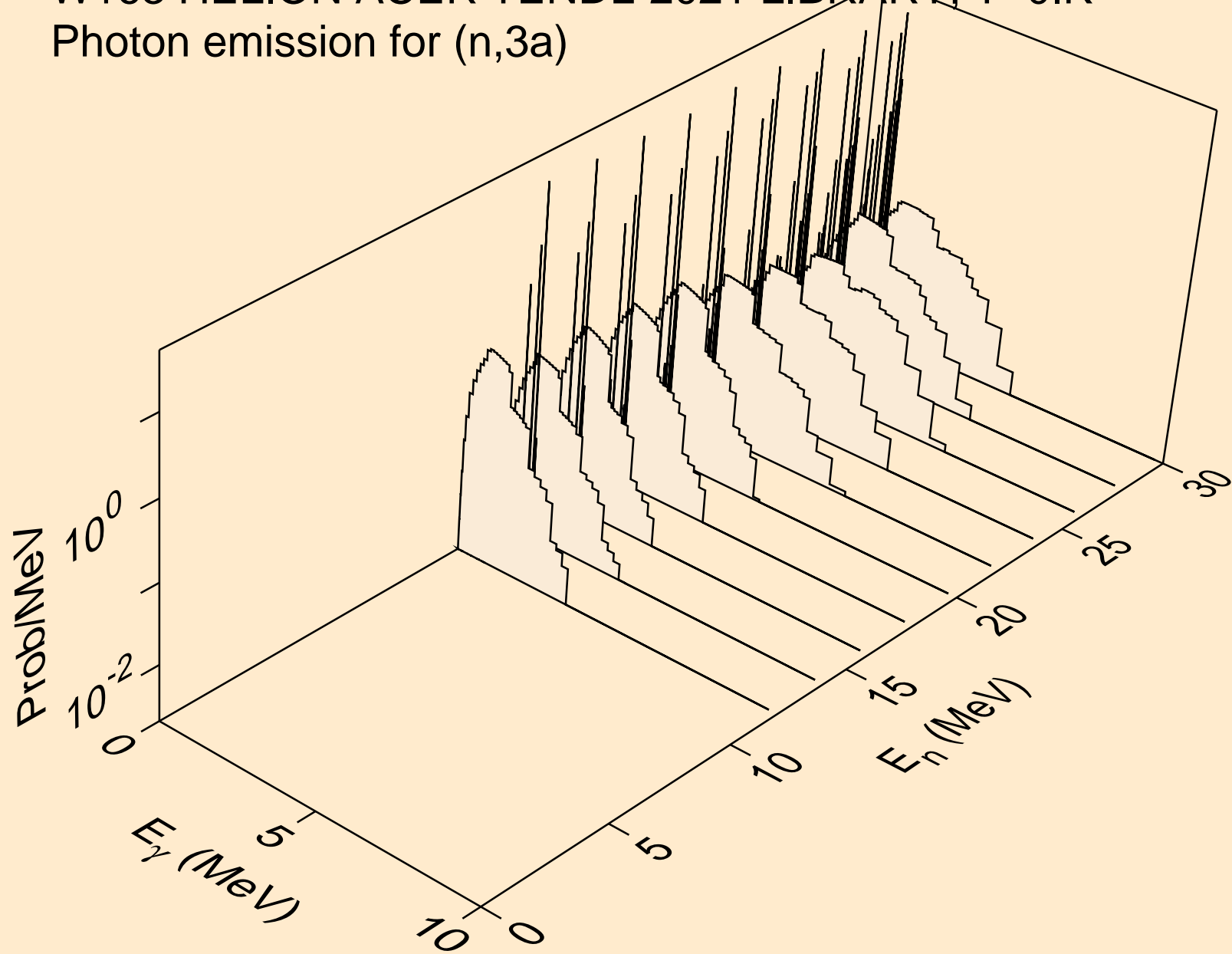
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

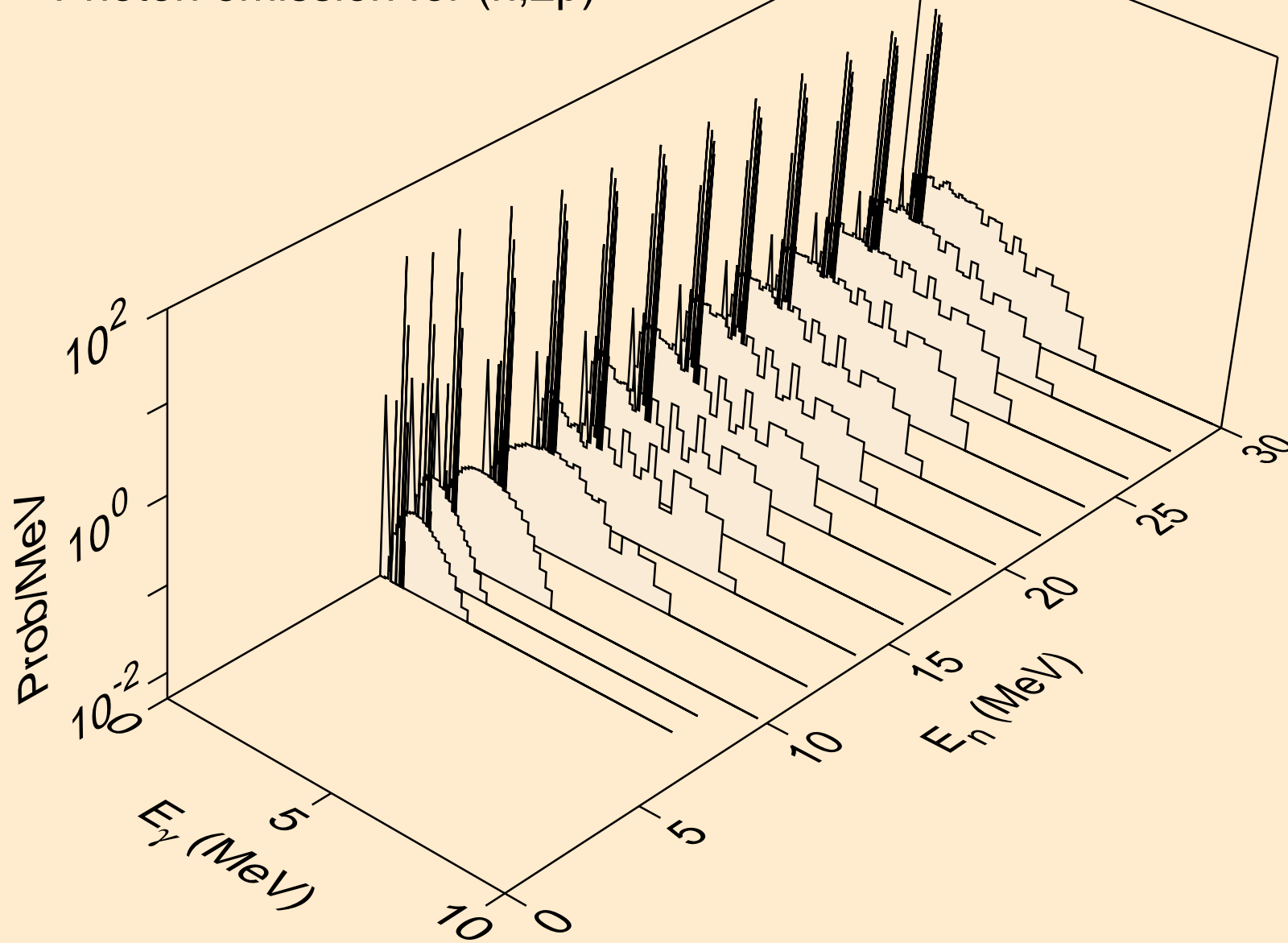


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)

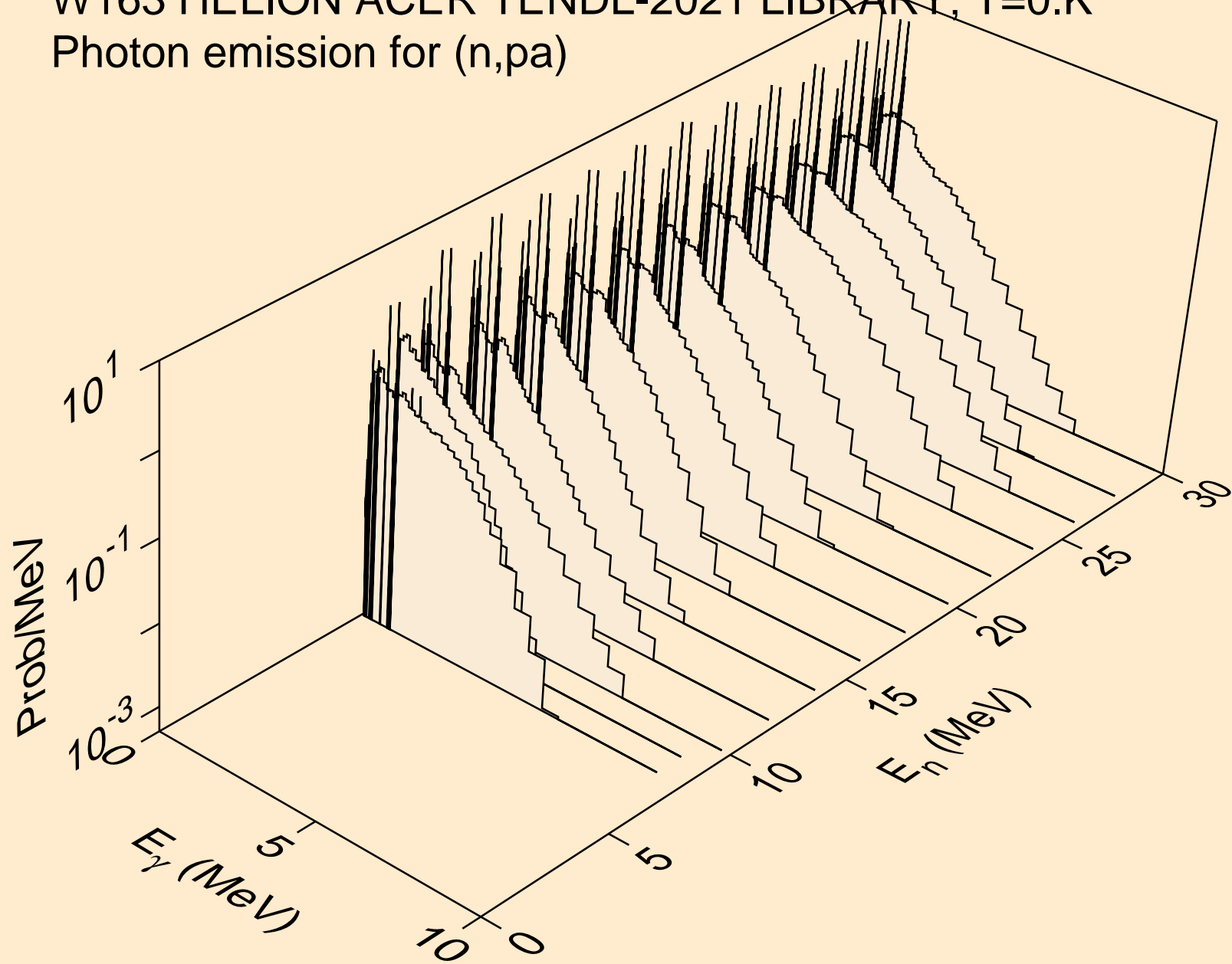




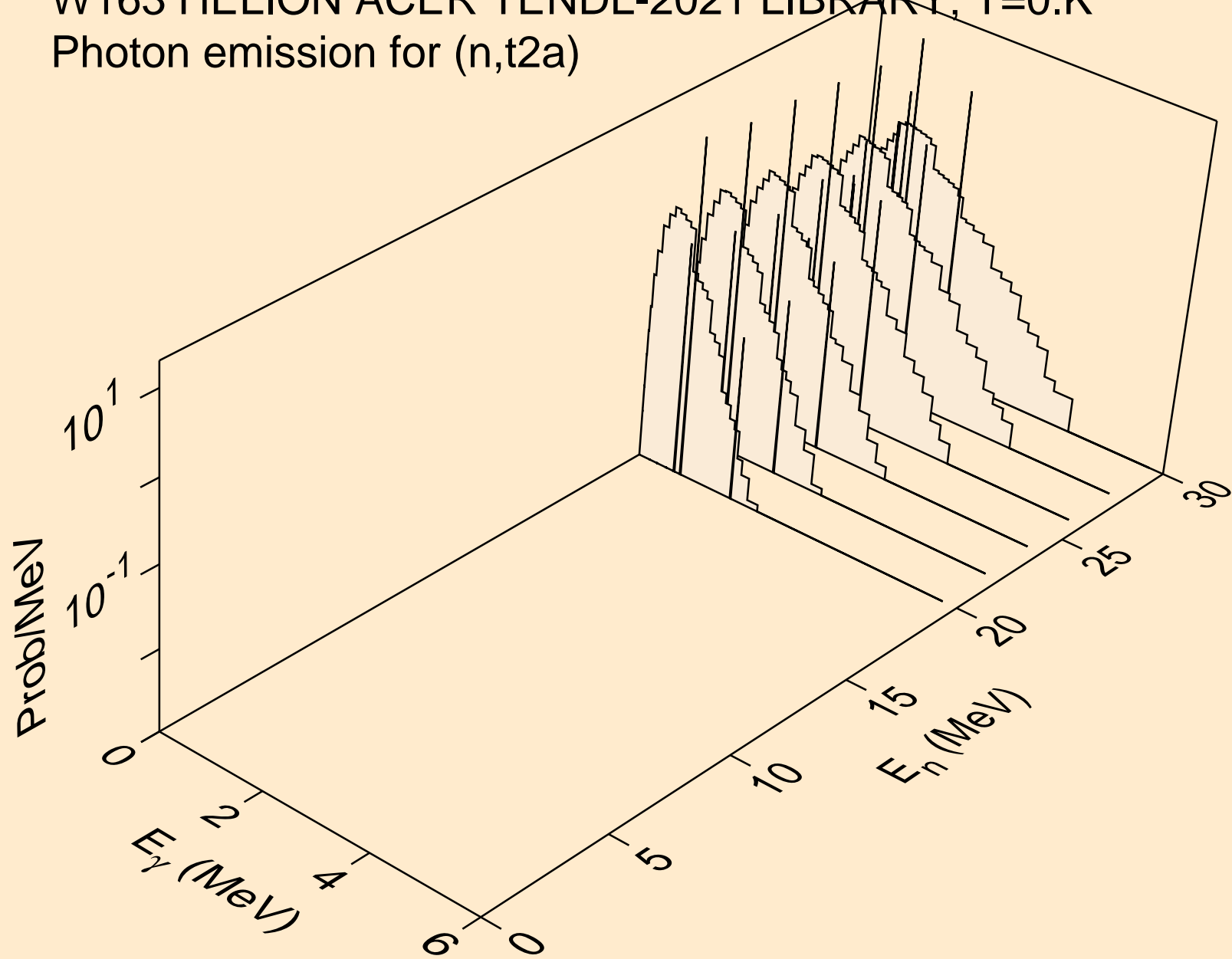
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



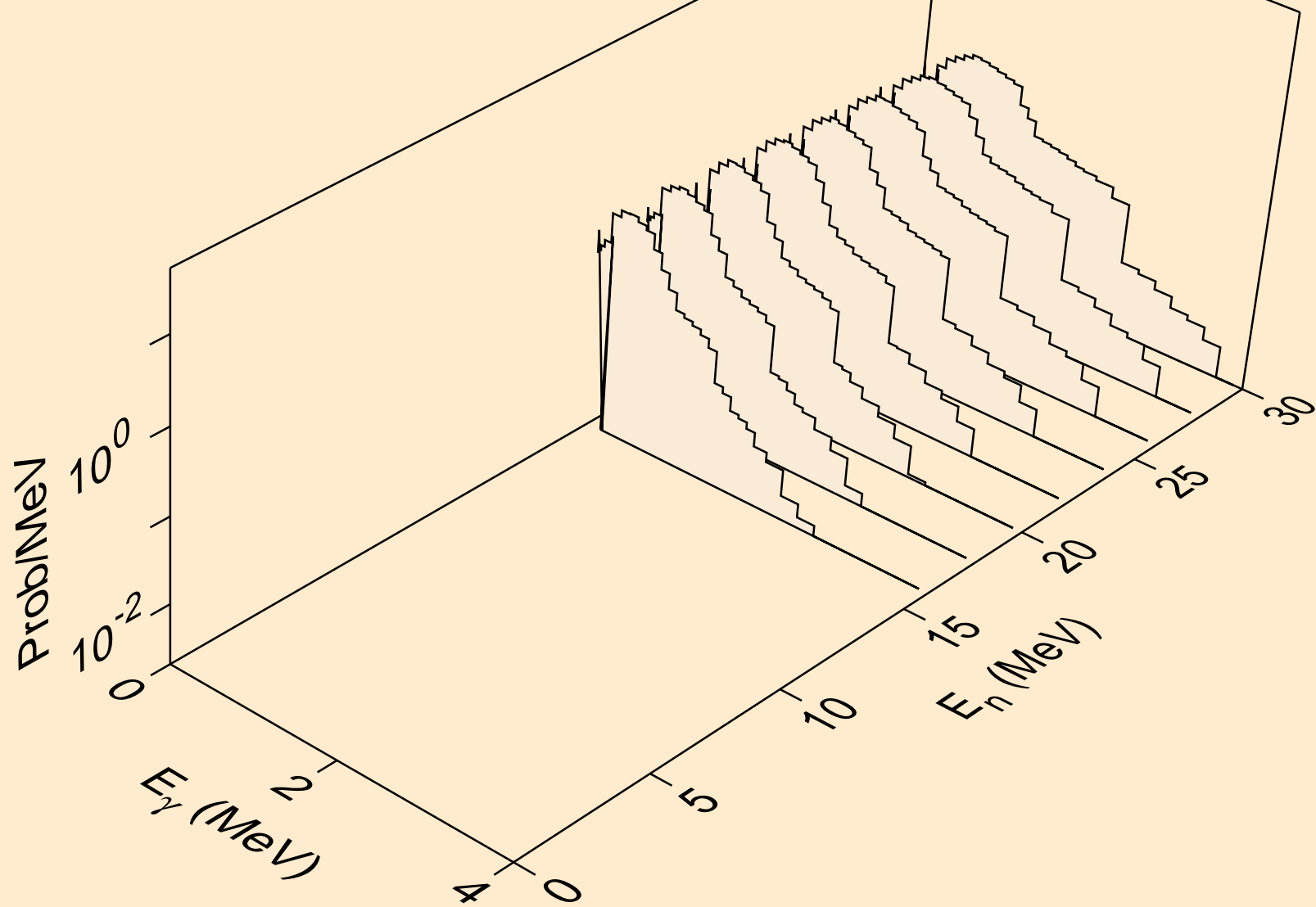
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



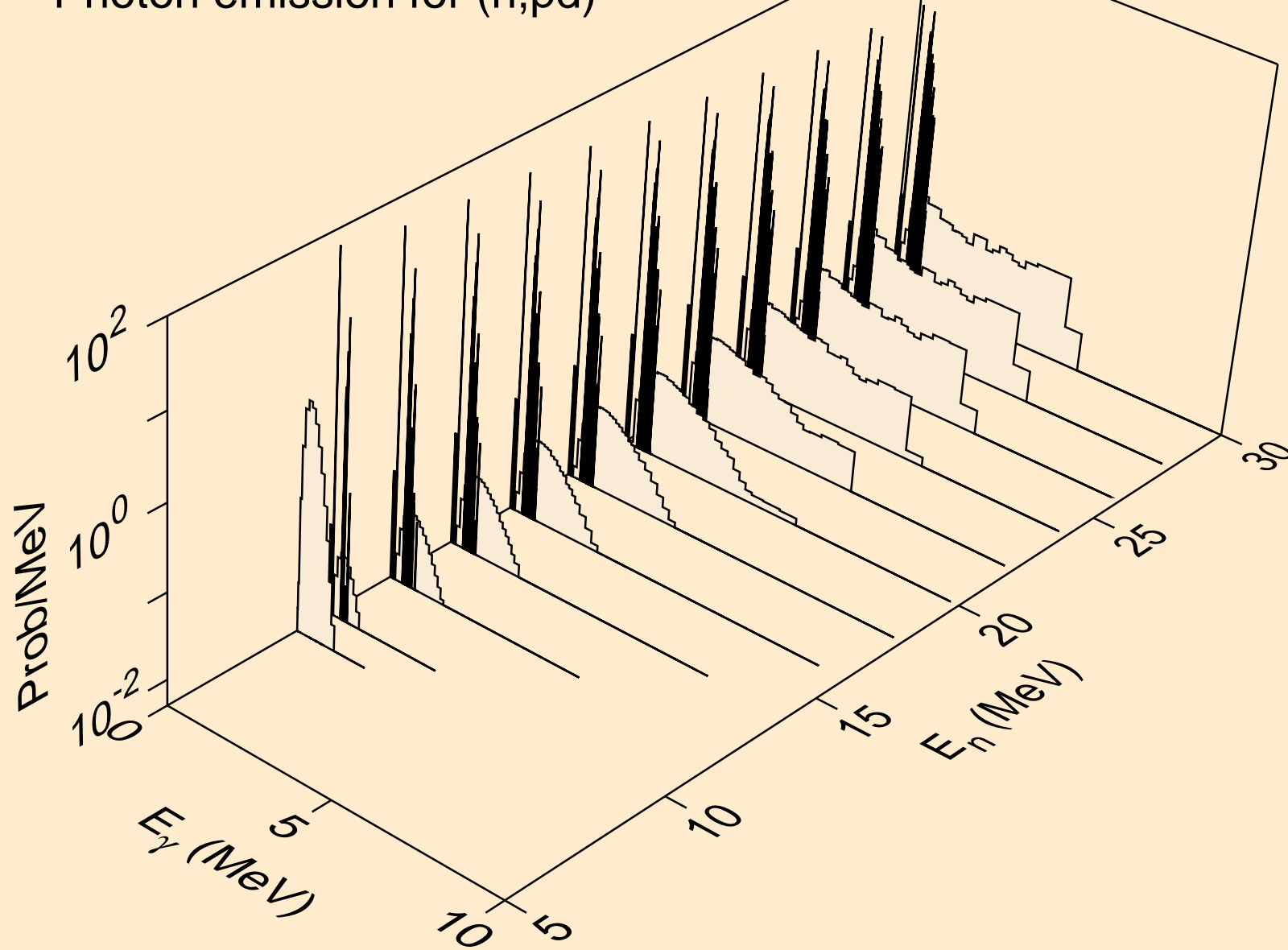
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t2a)



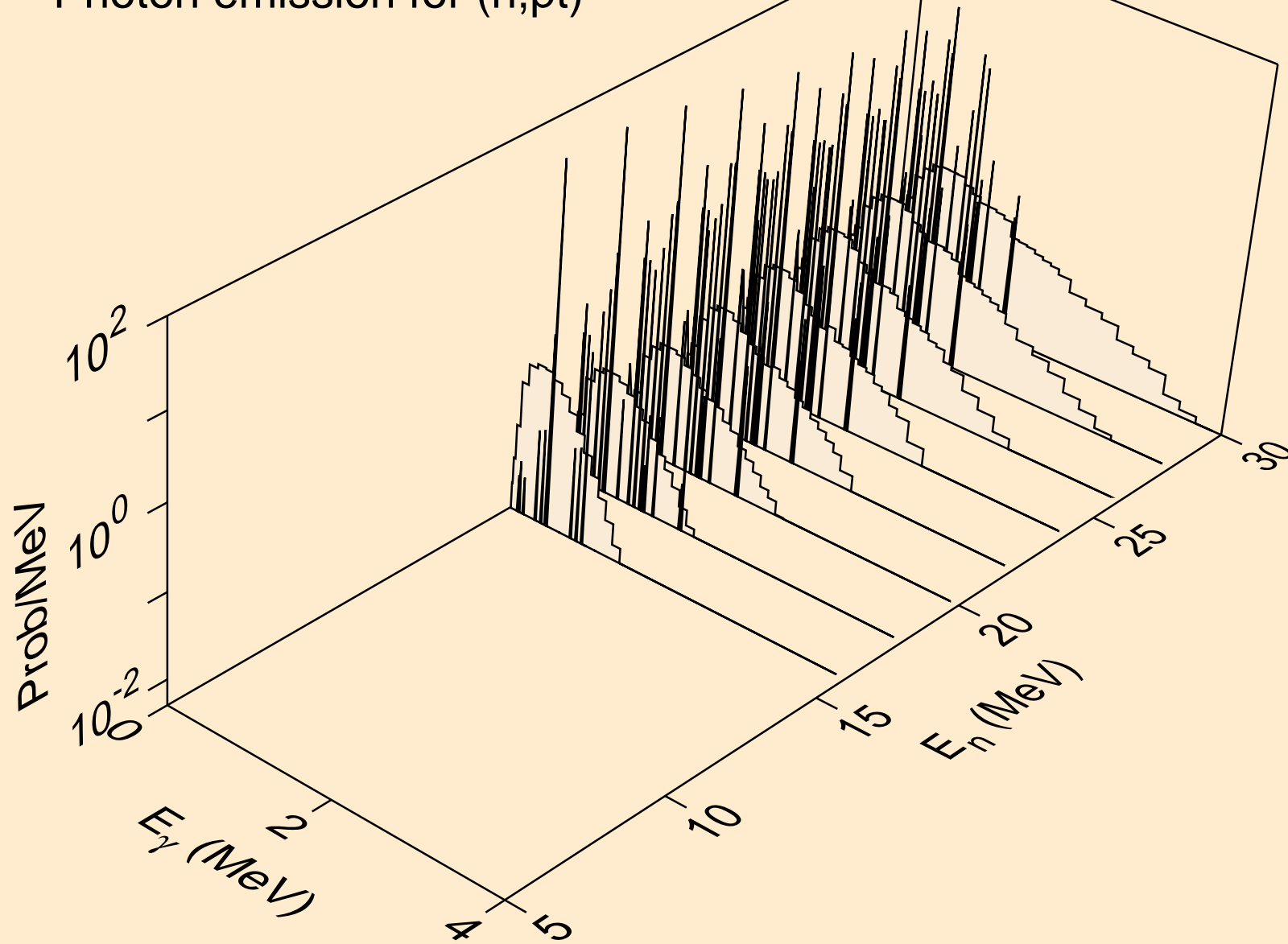
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d2a)



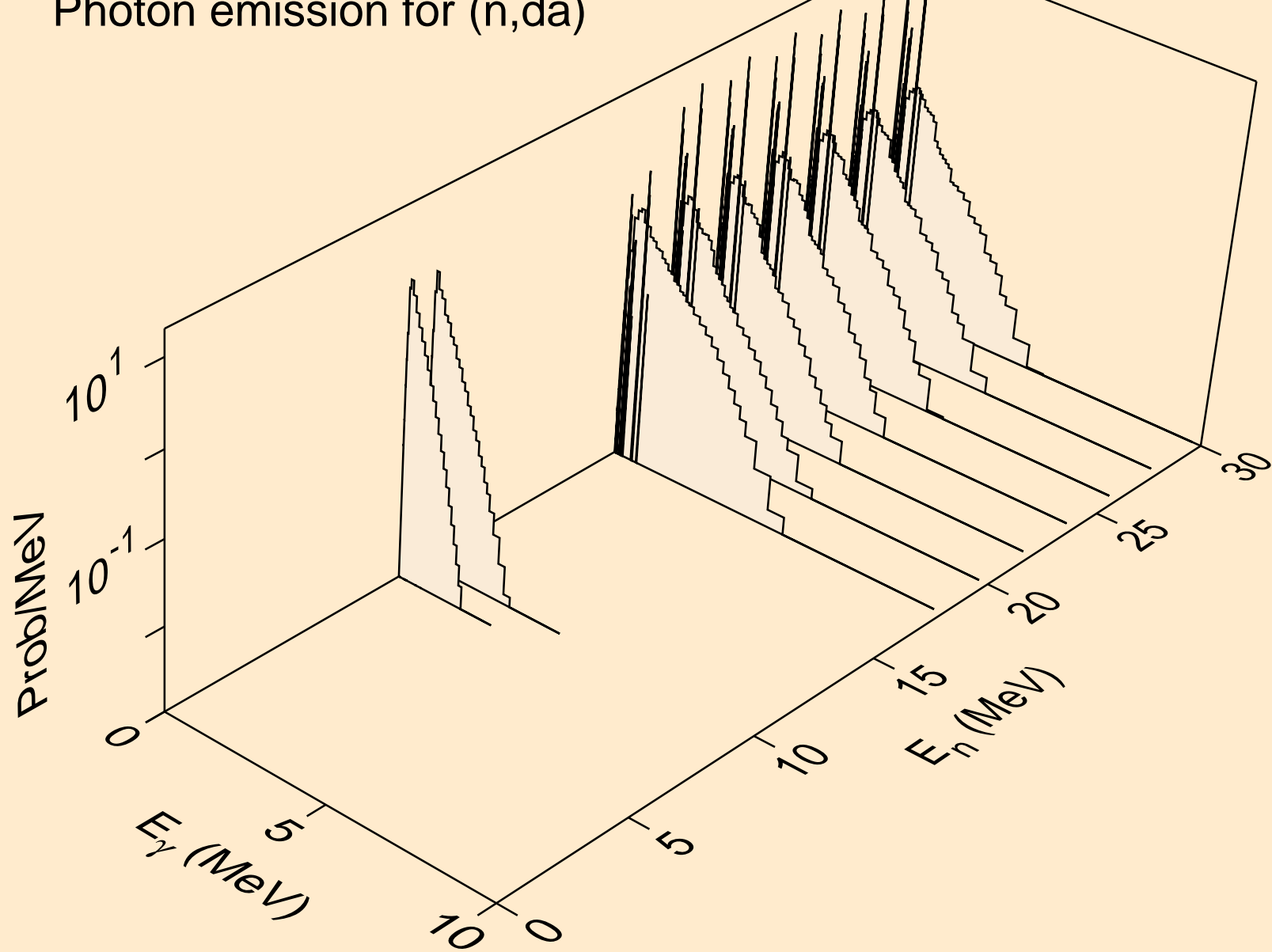
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



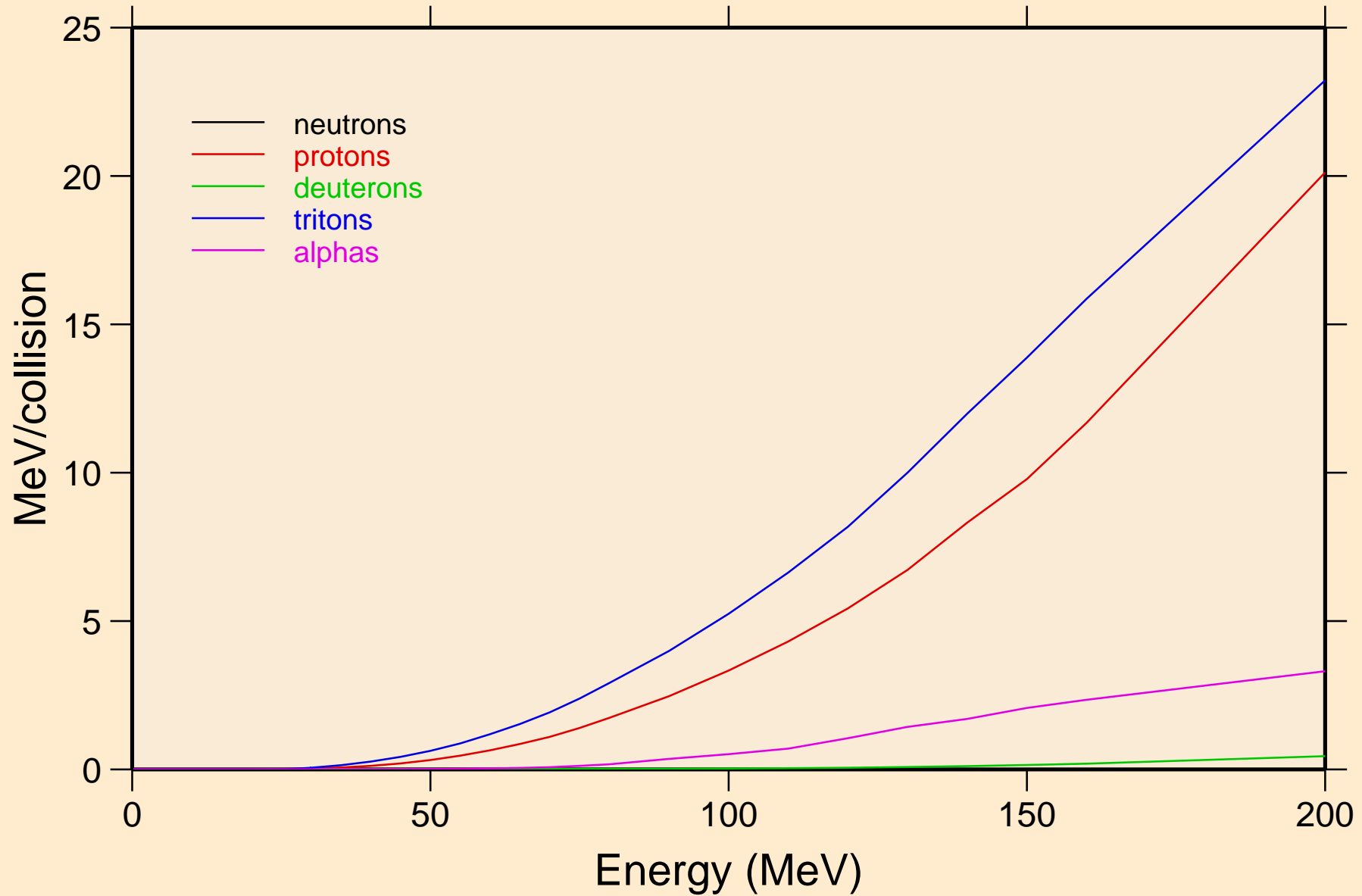
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

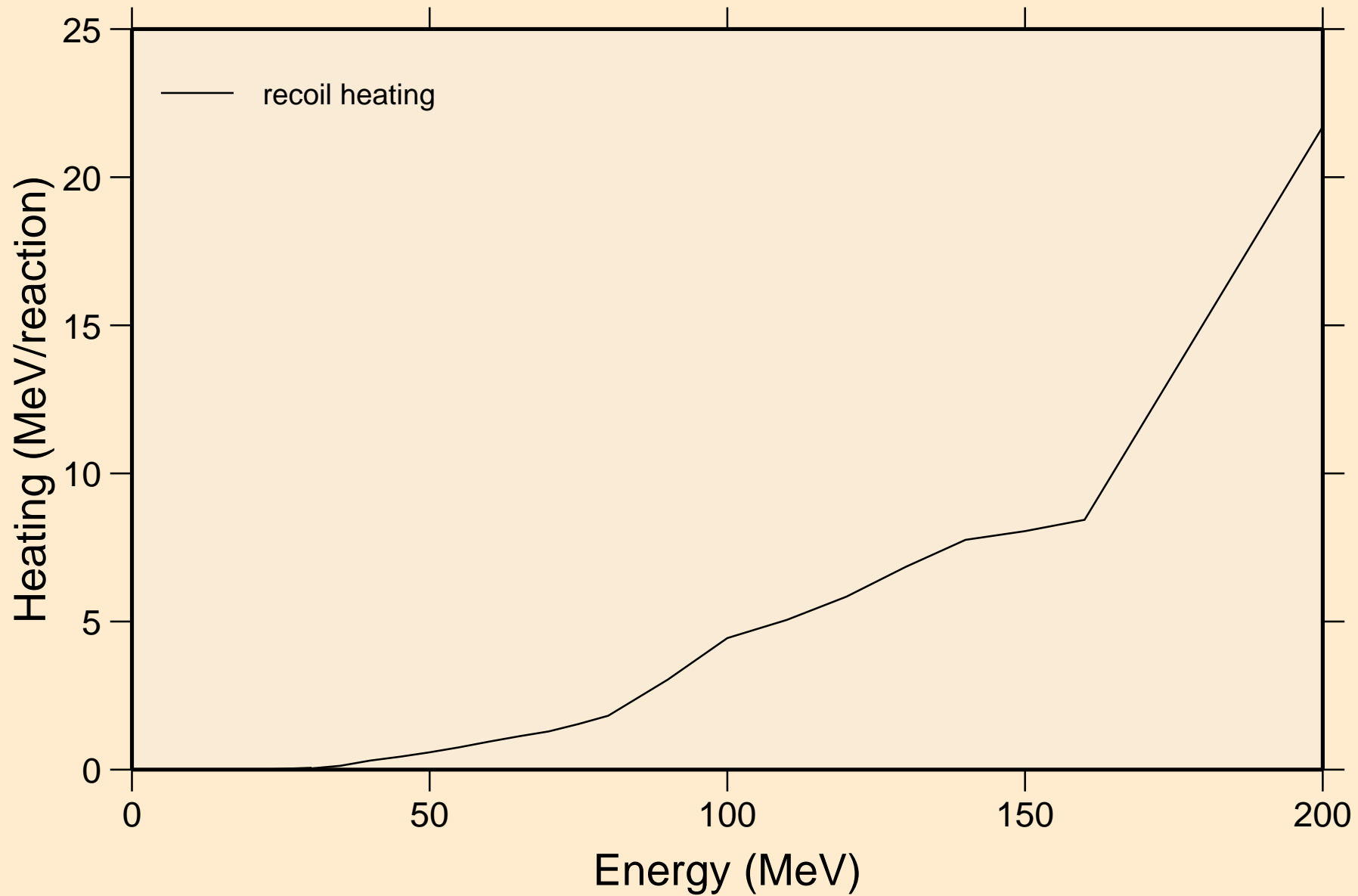


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

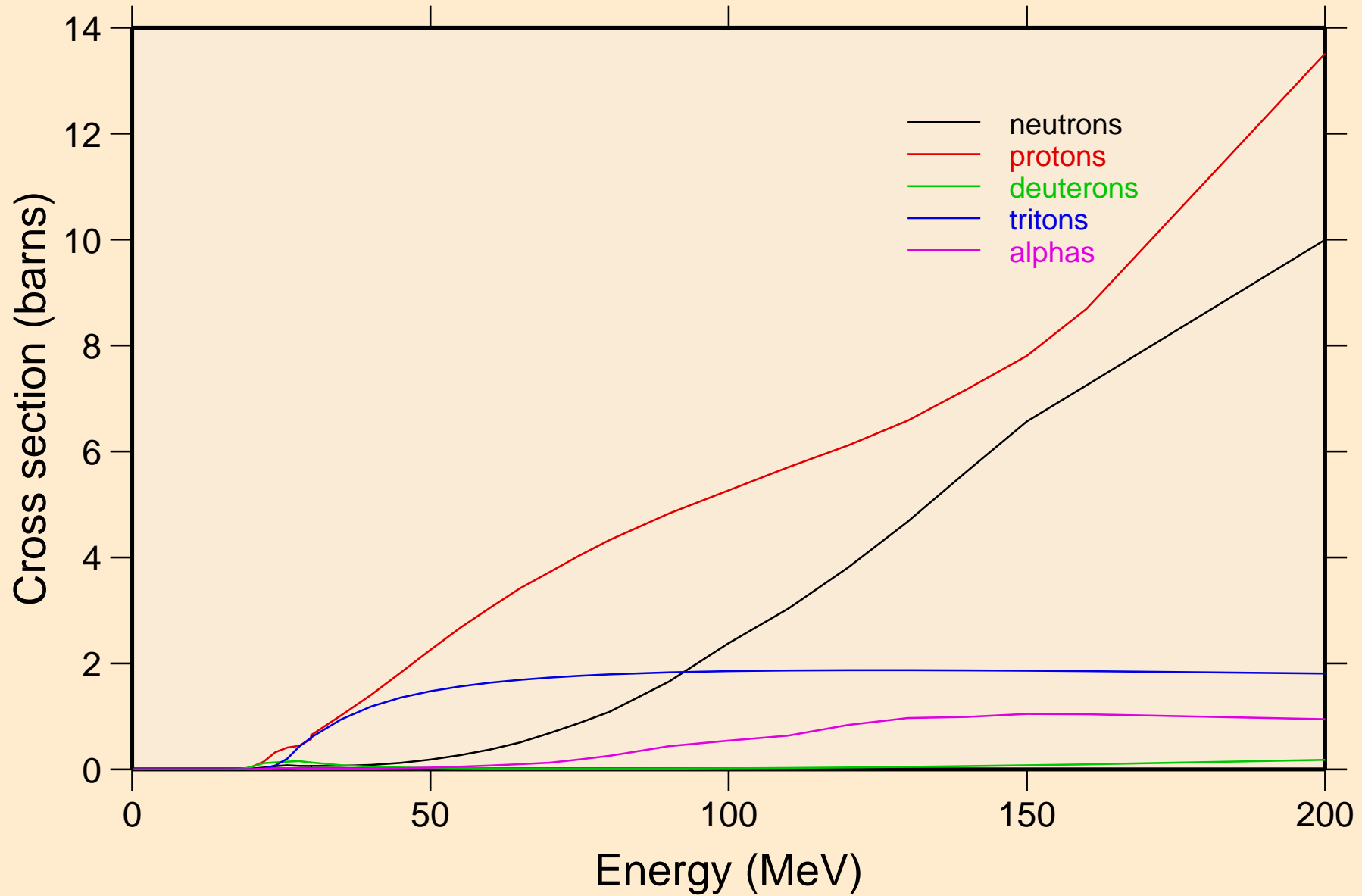




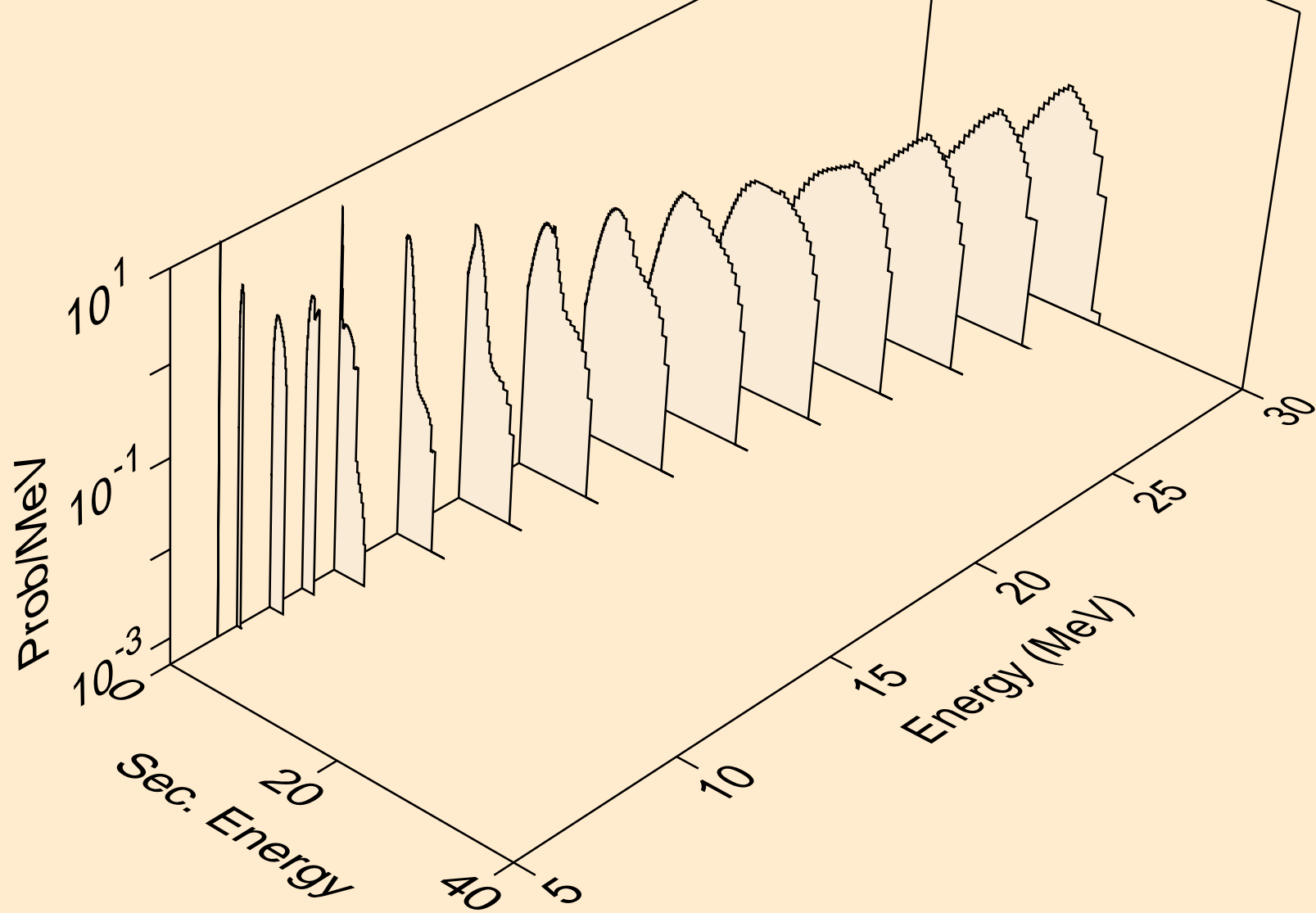
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



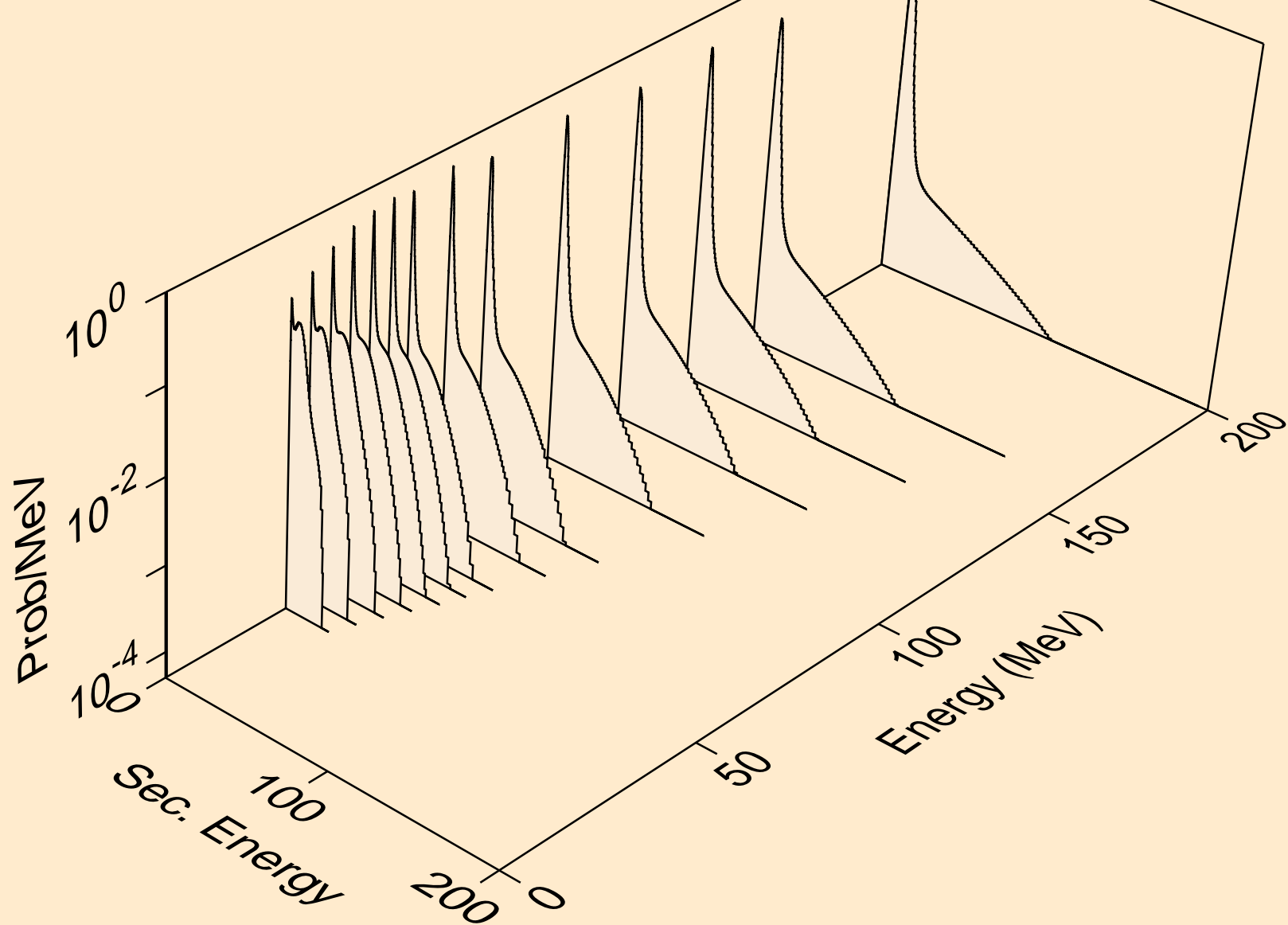
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



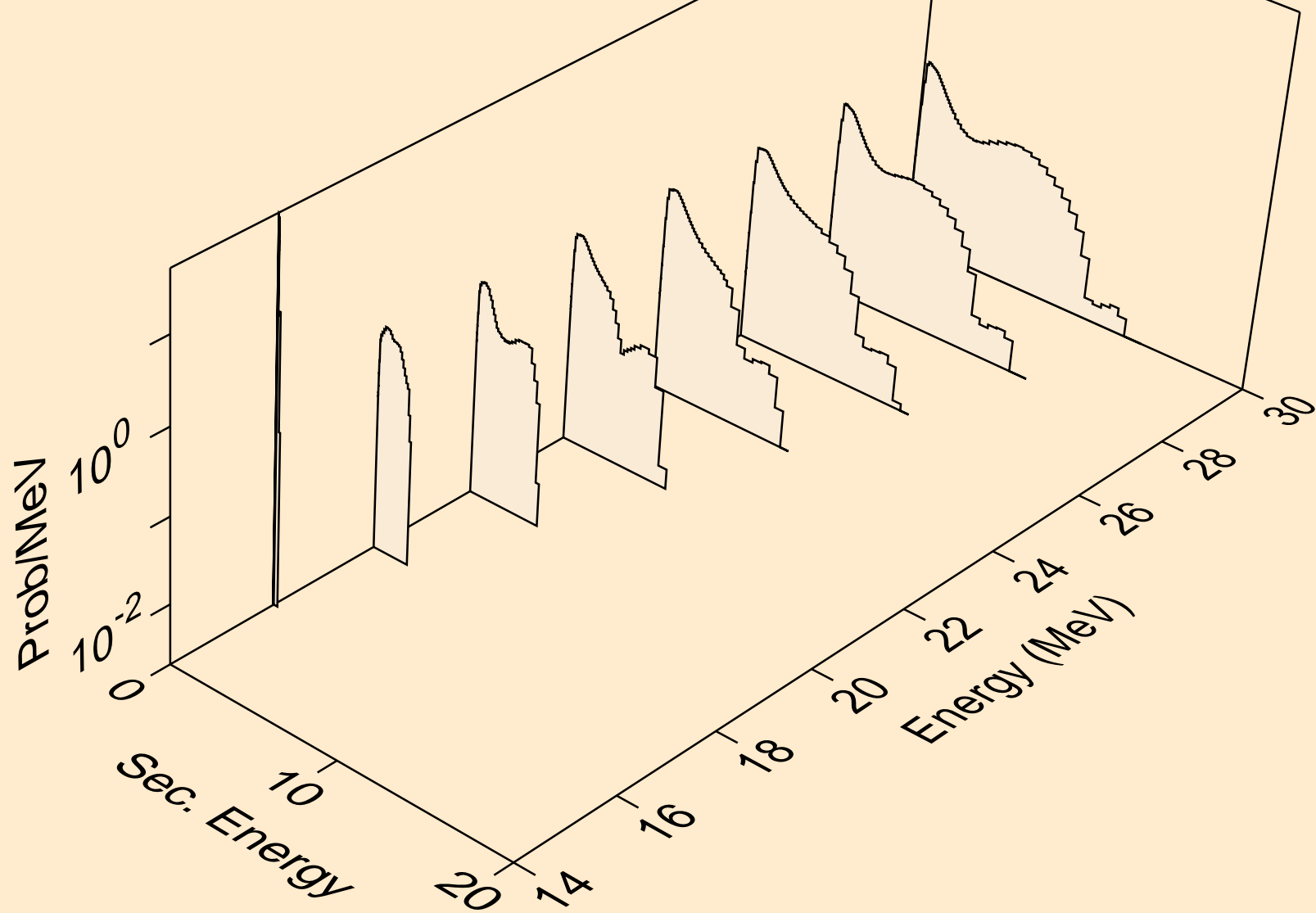
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



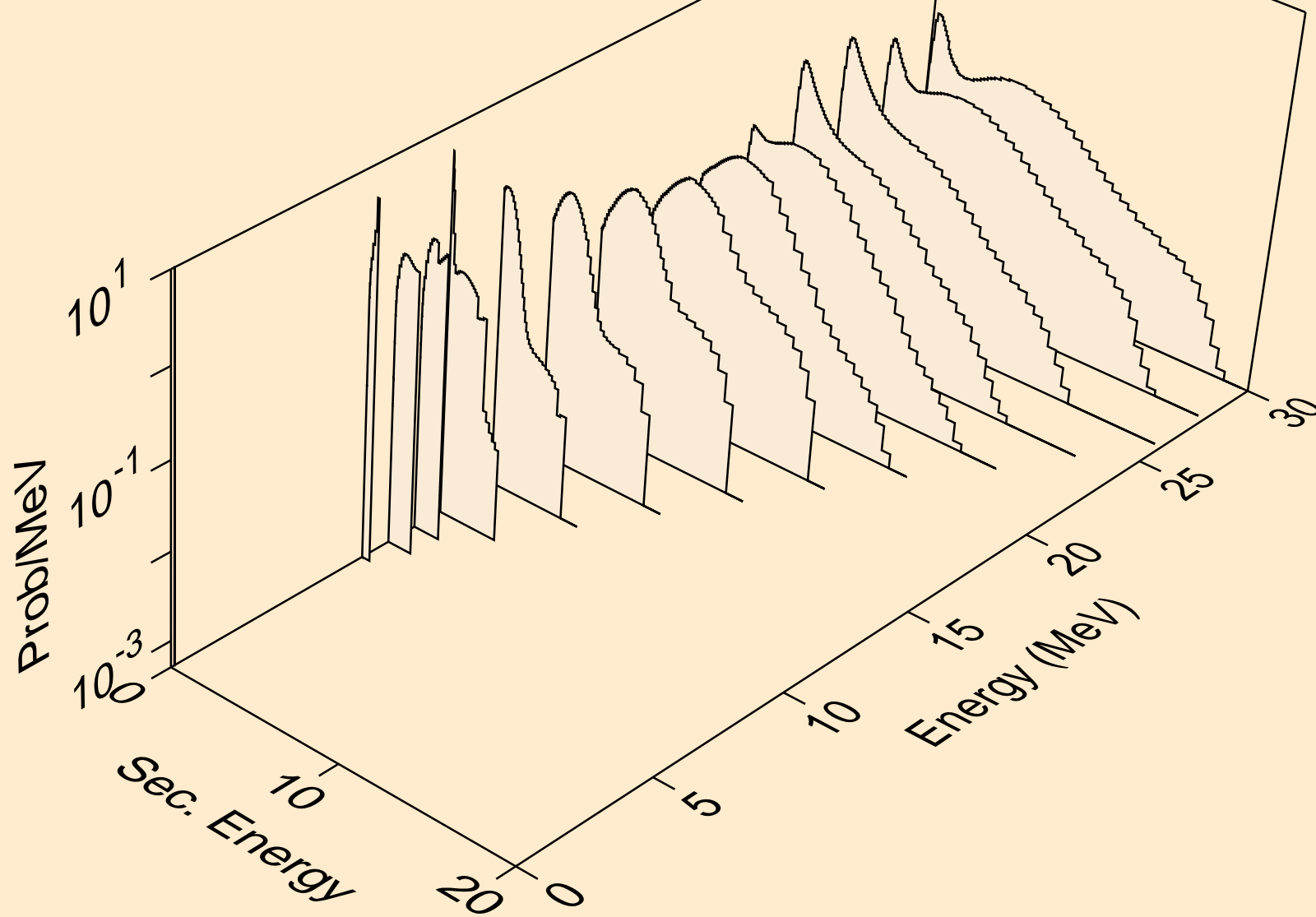
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



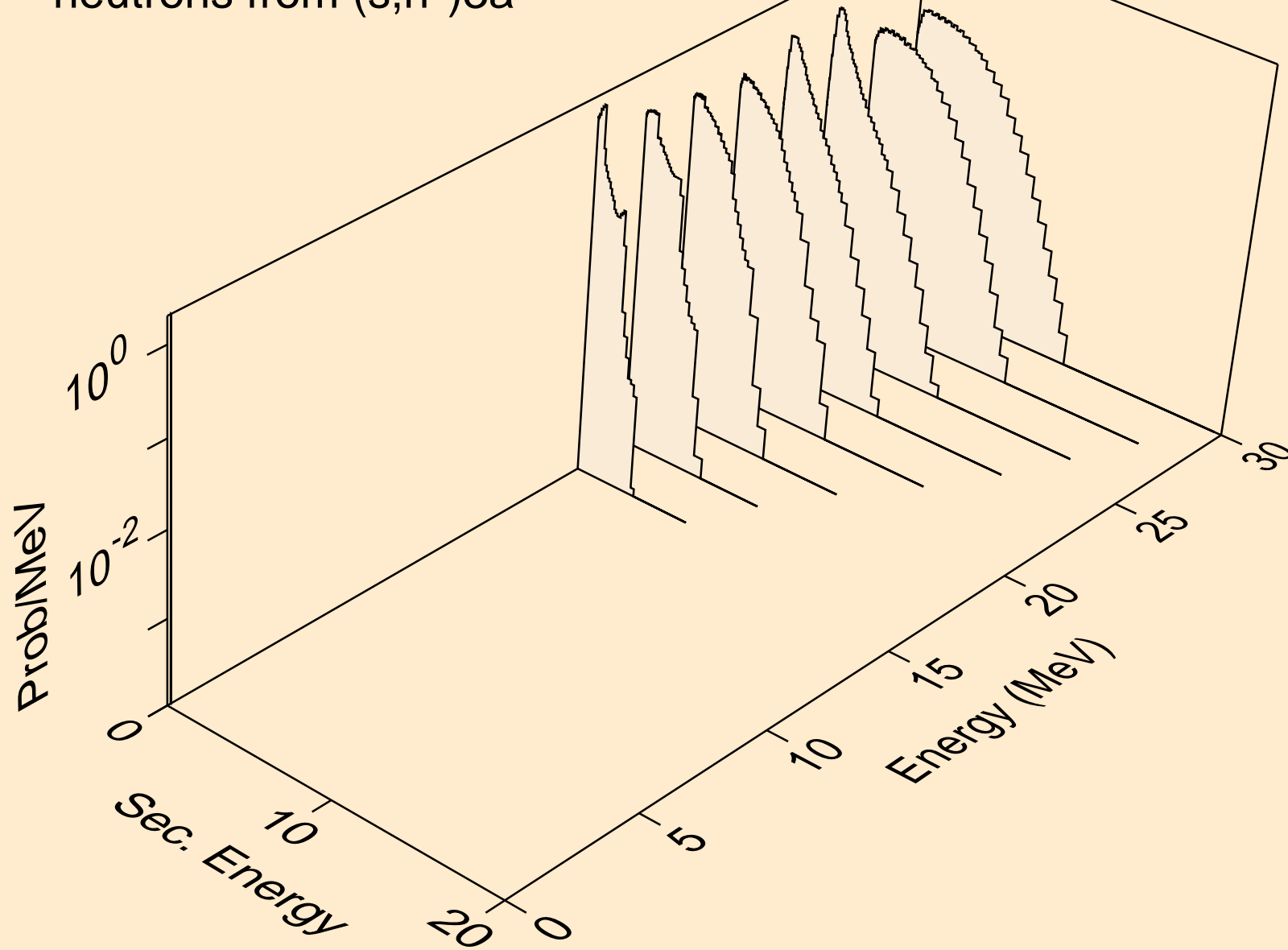
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



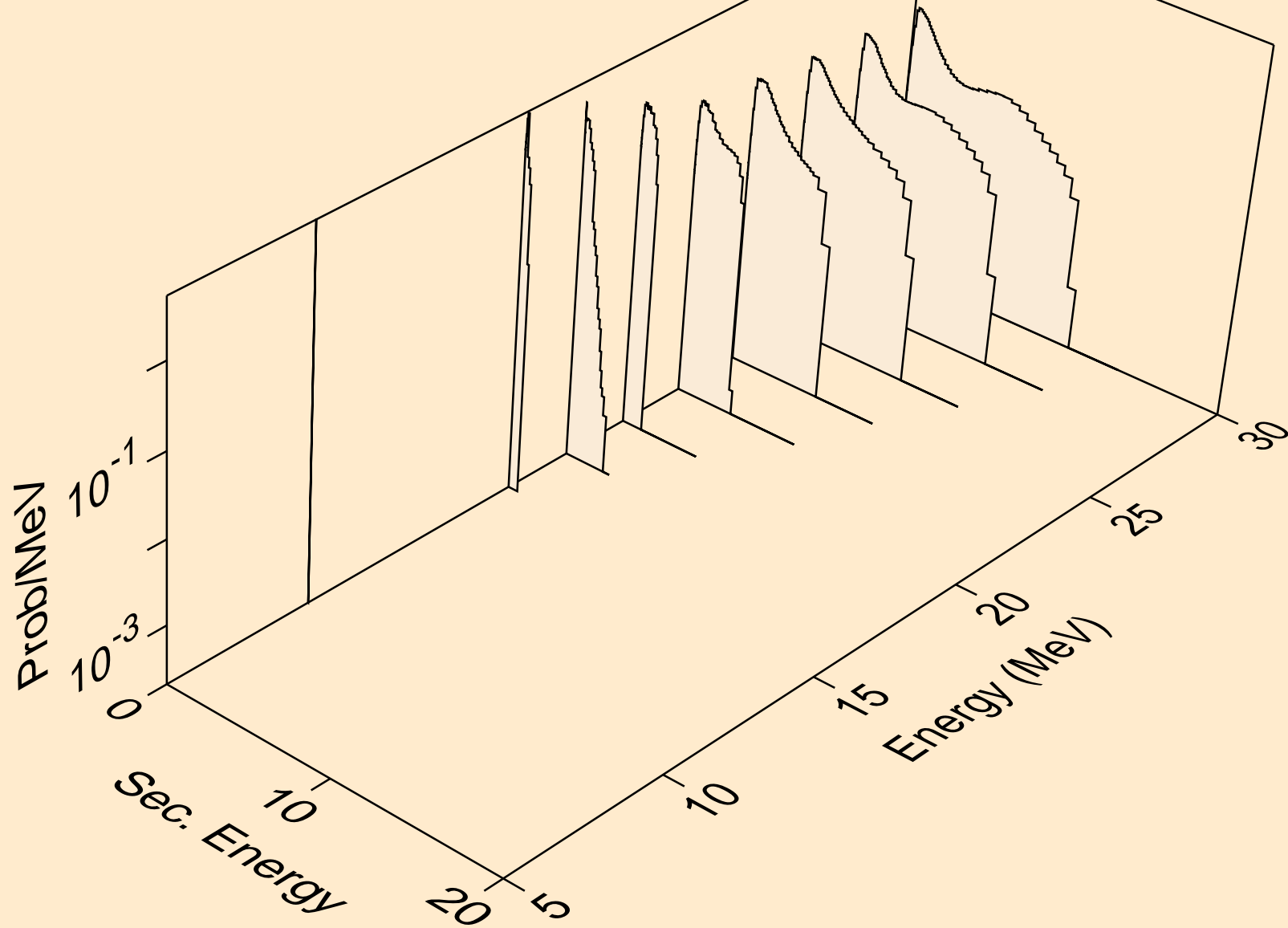
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)3a

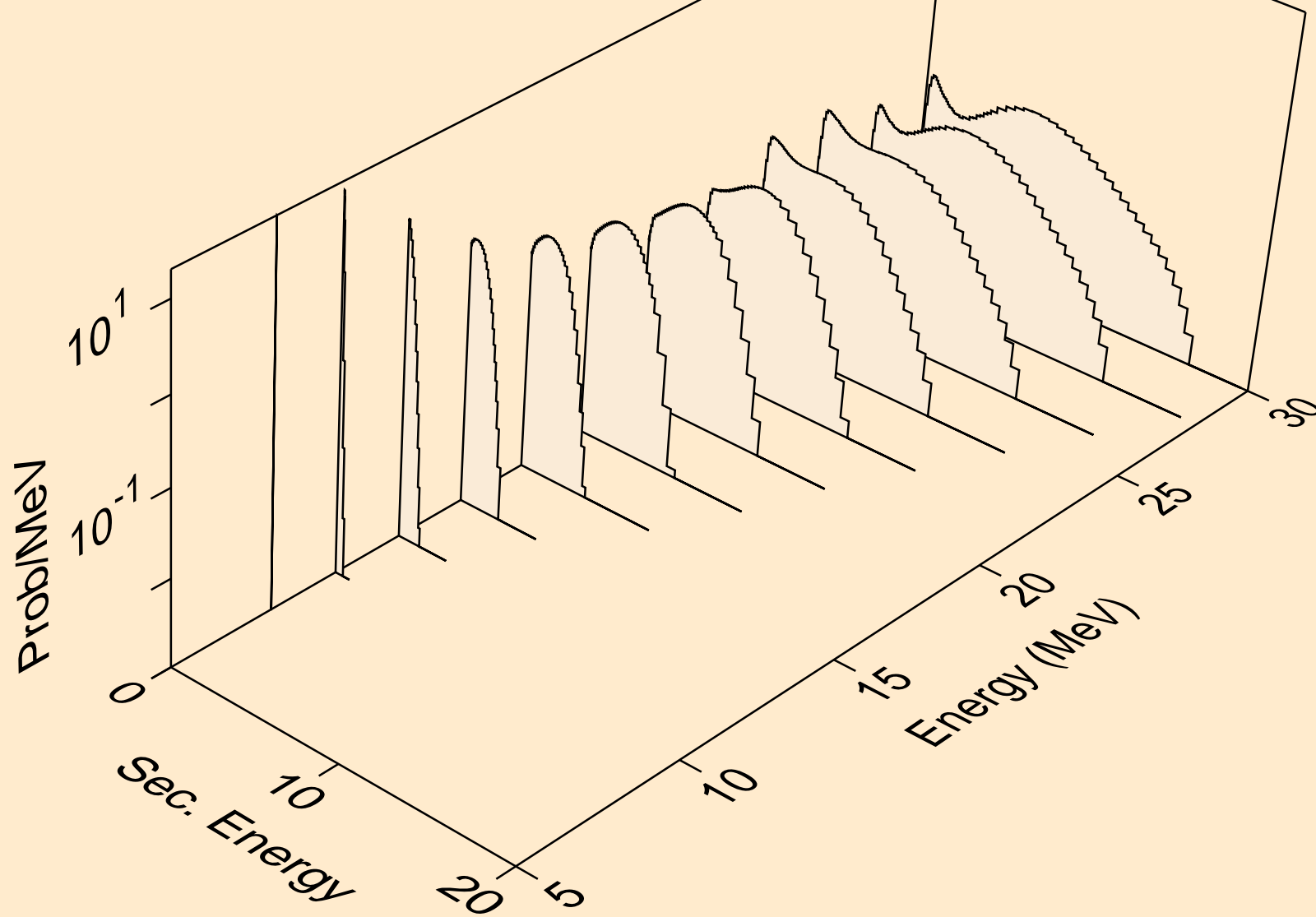


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

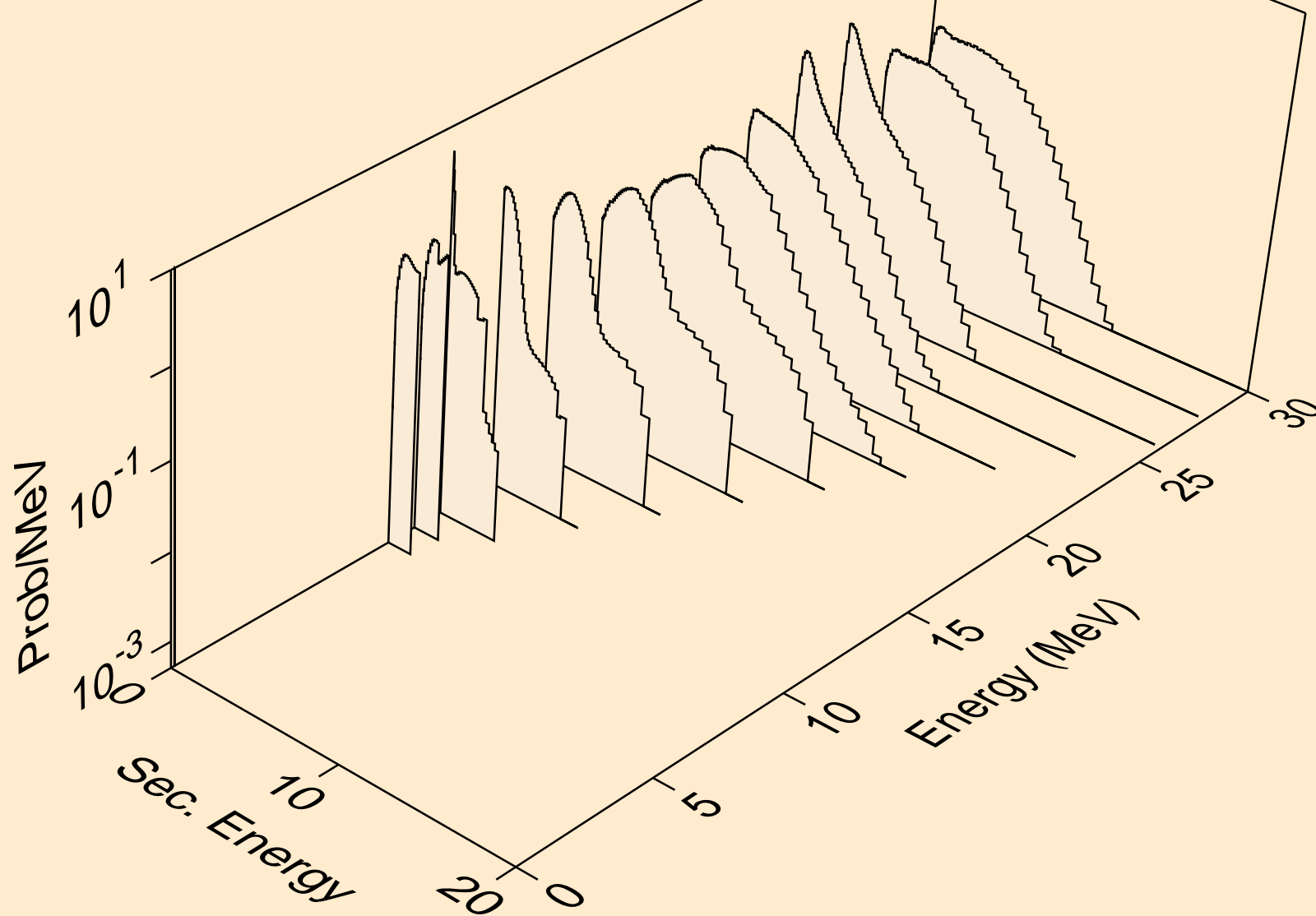




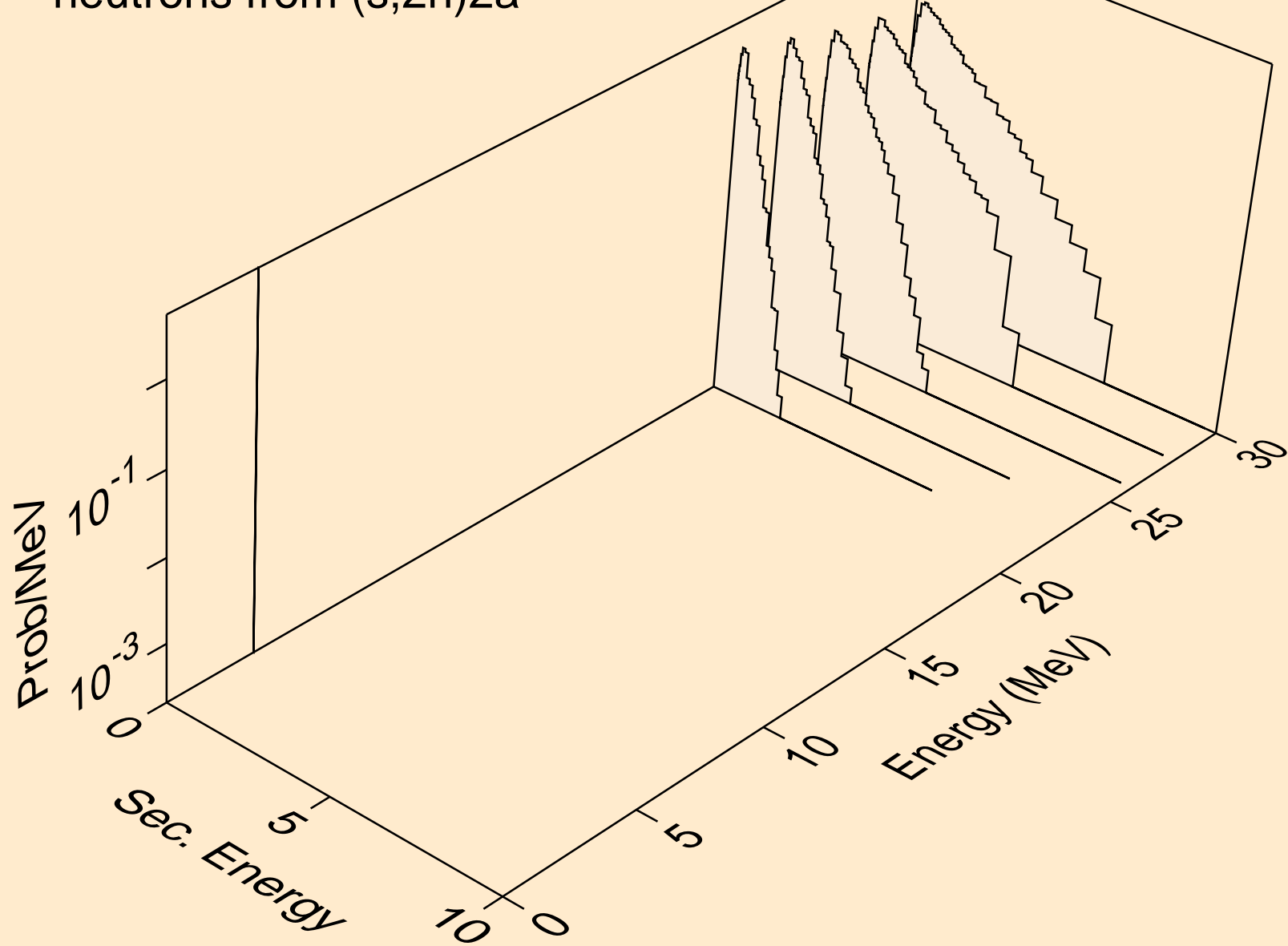
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



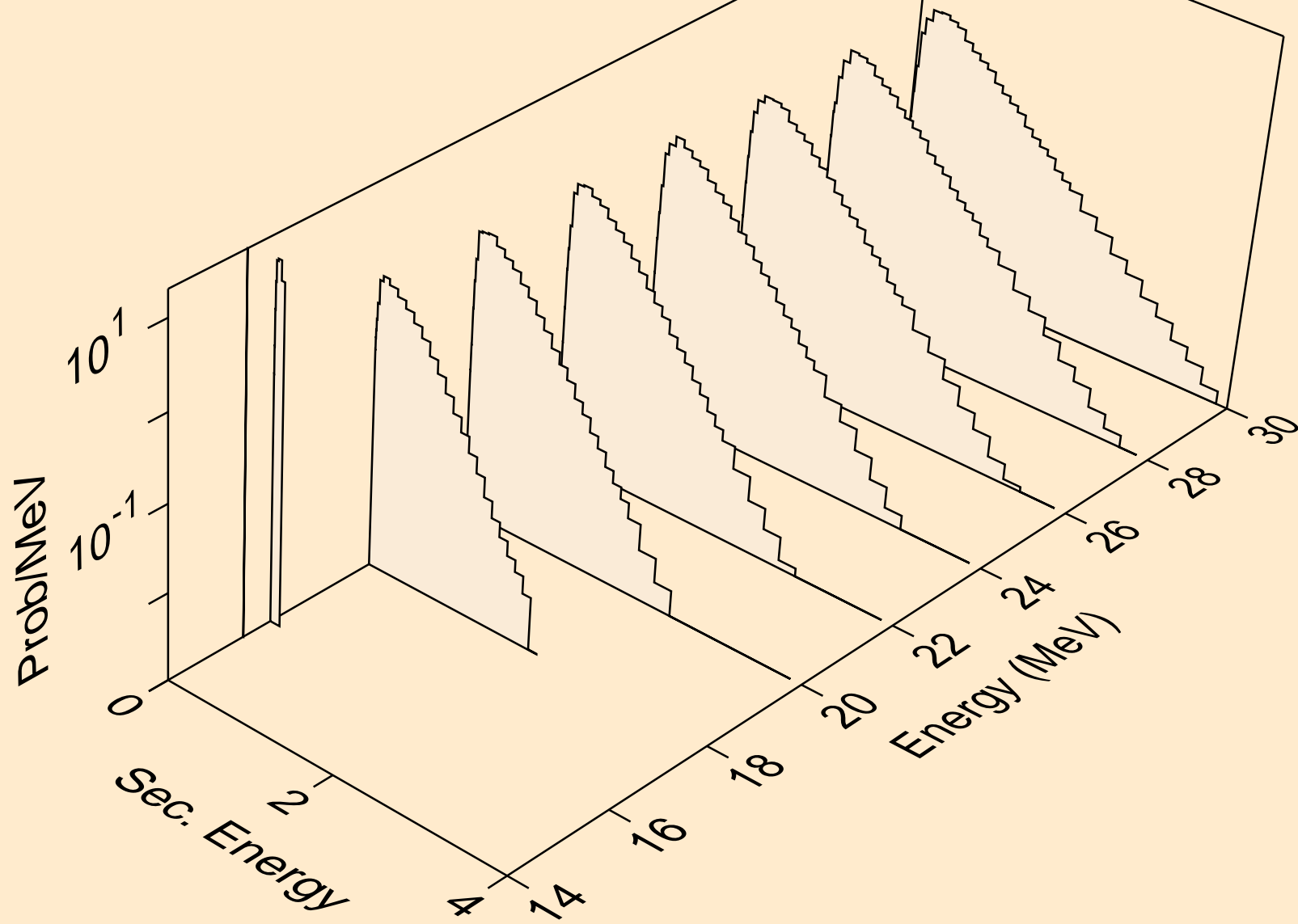
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



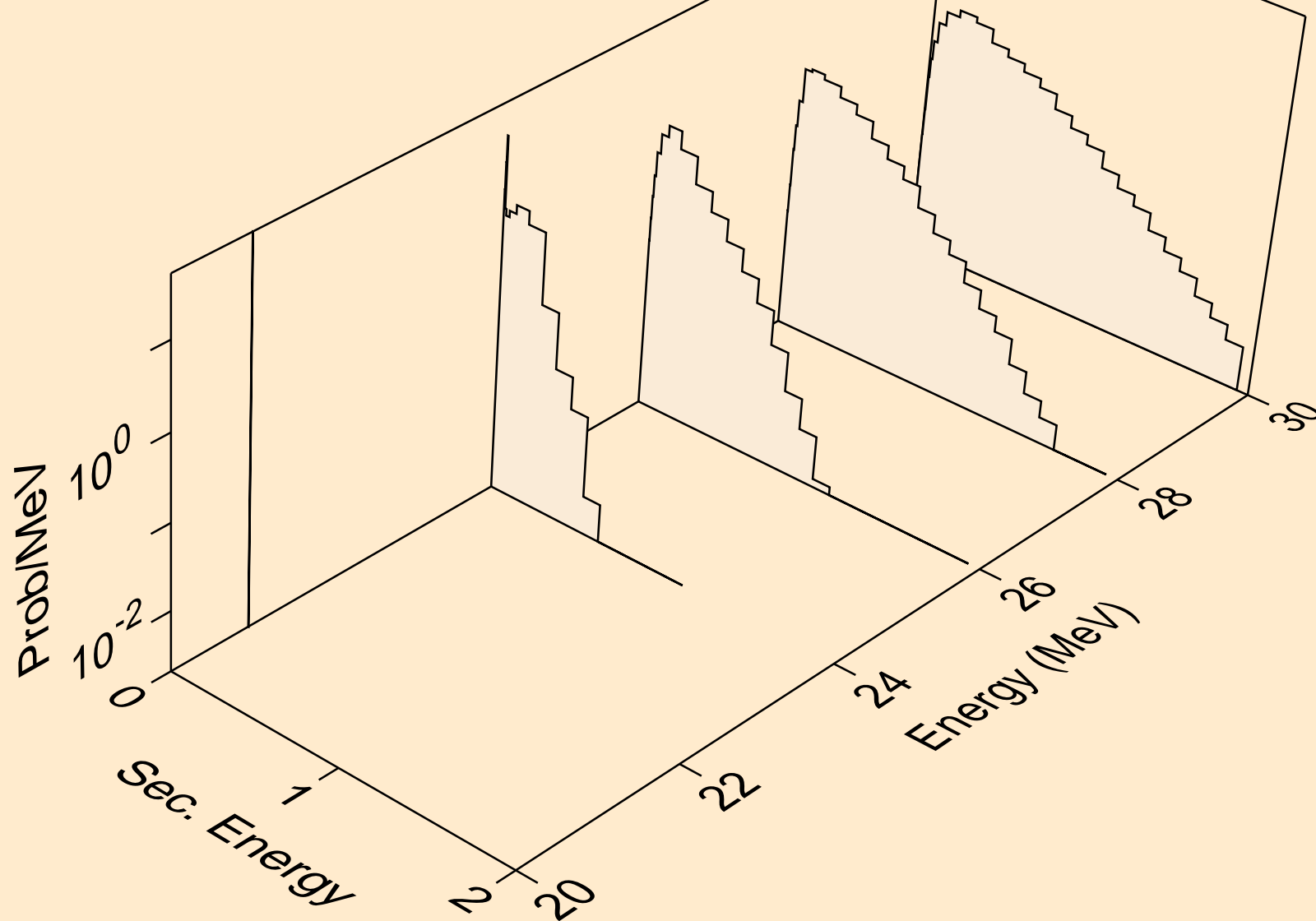
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)2a



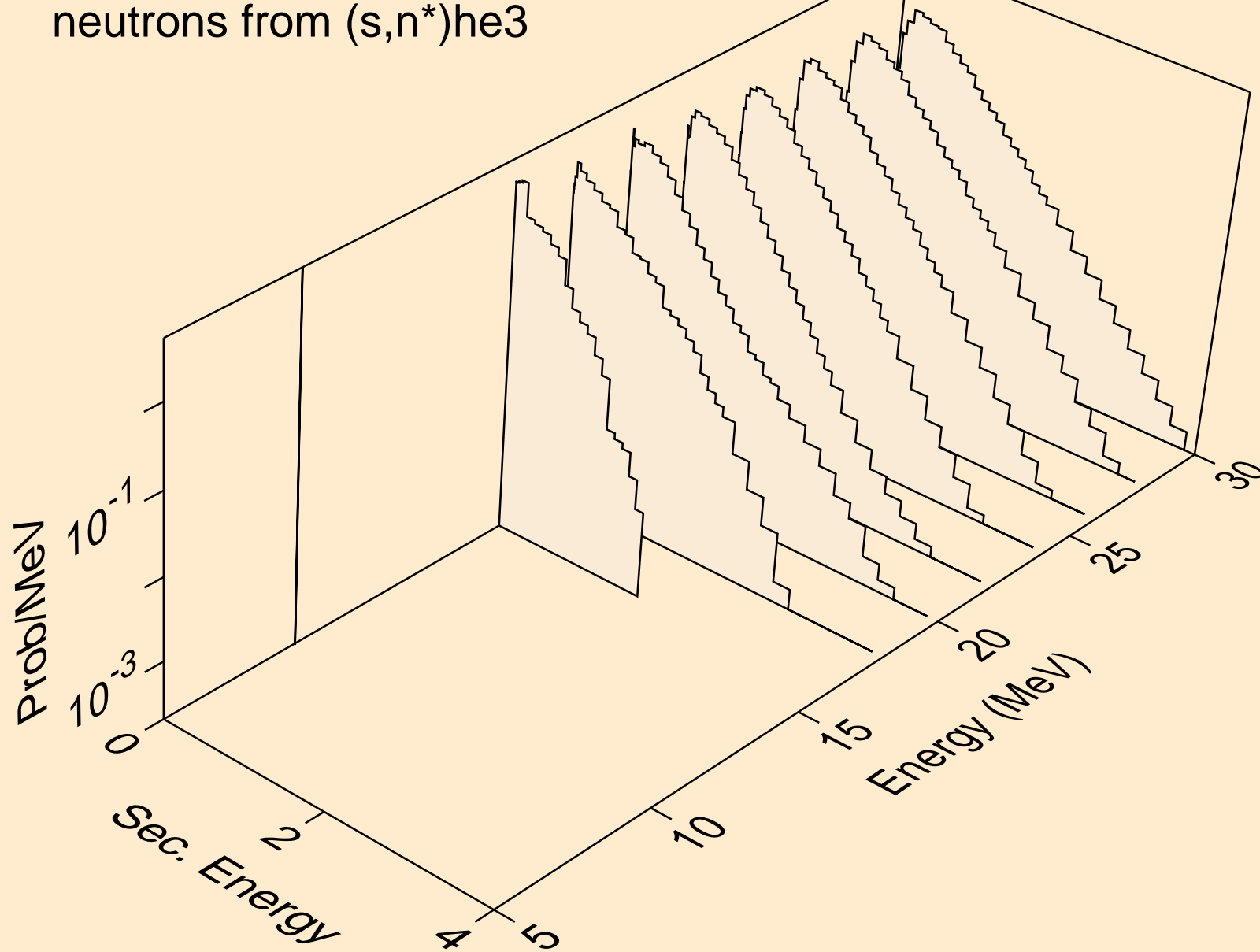
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



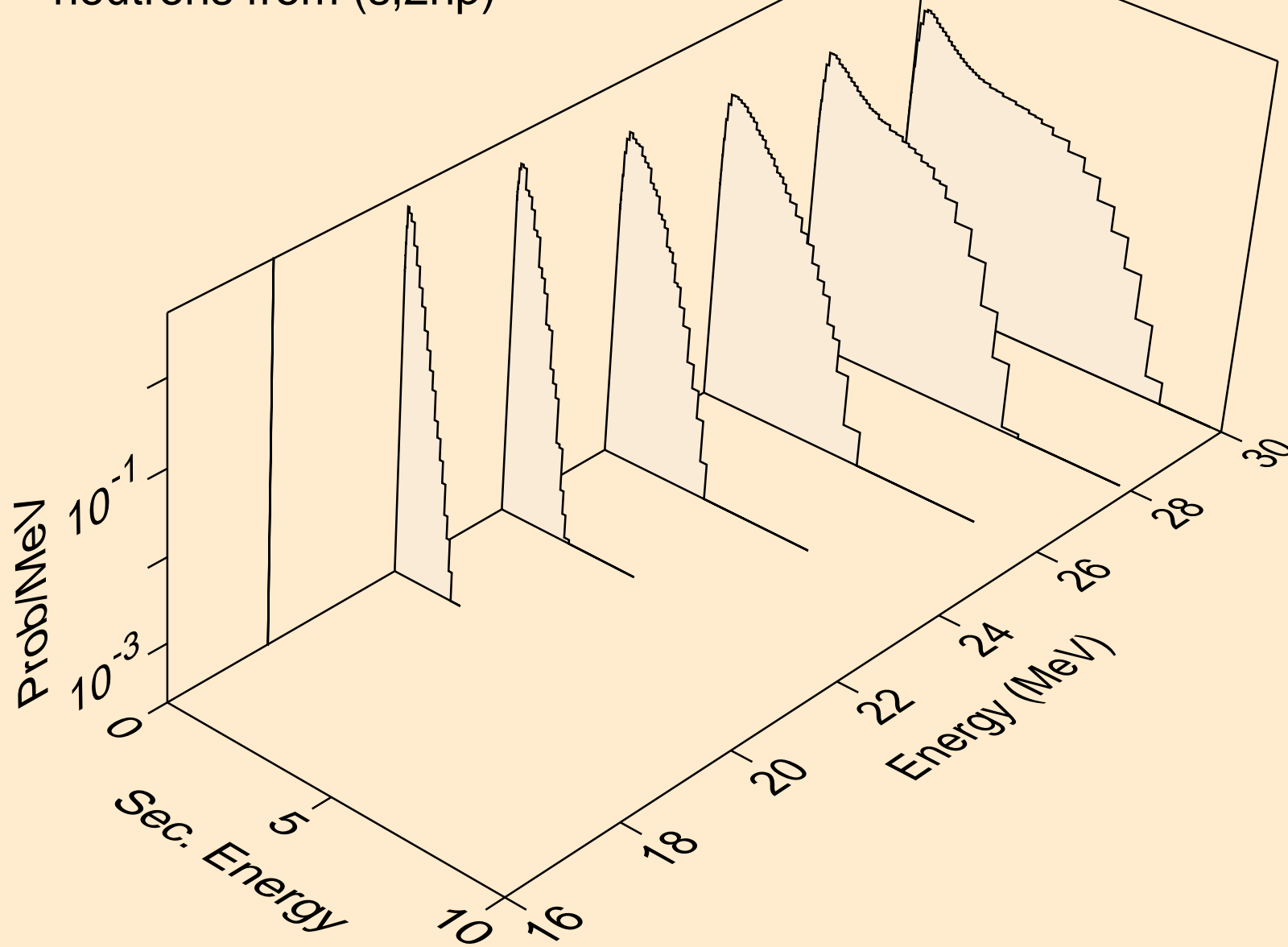
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



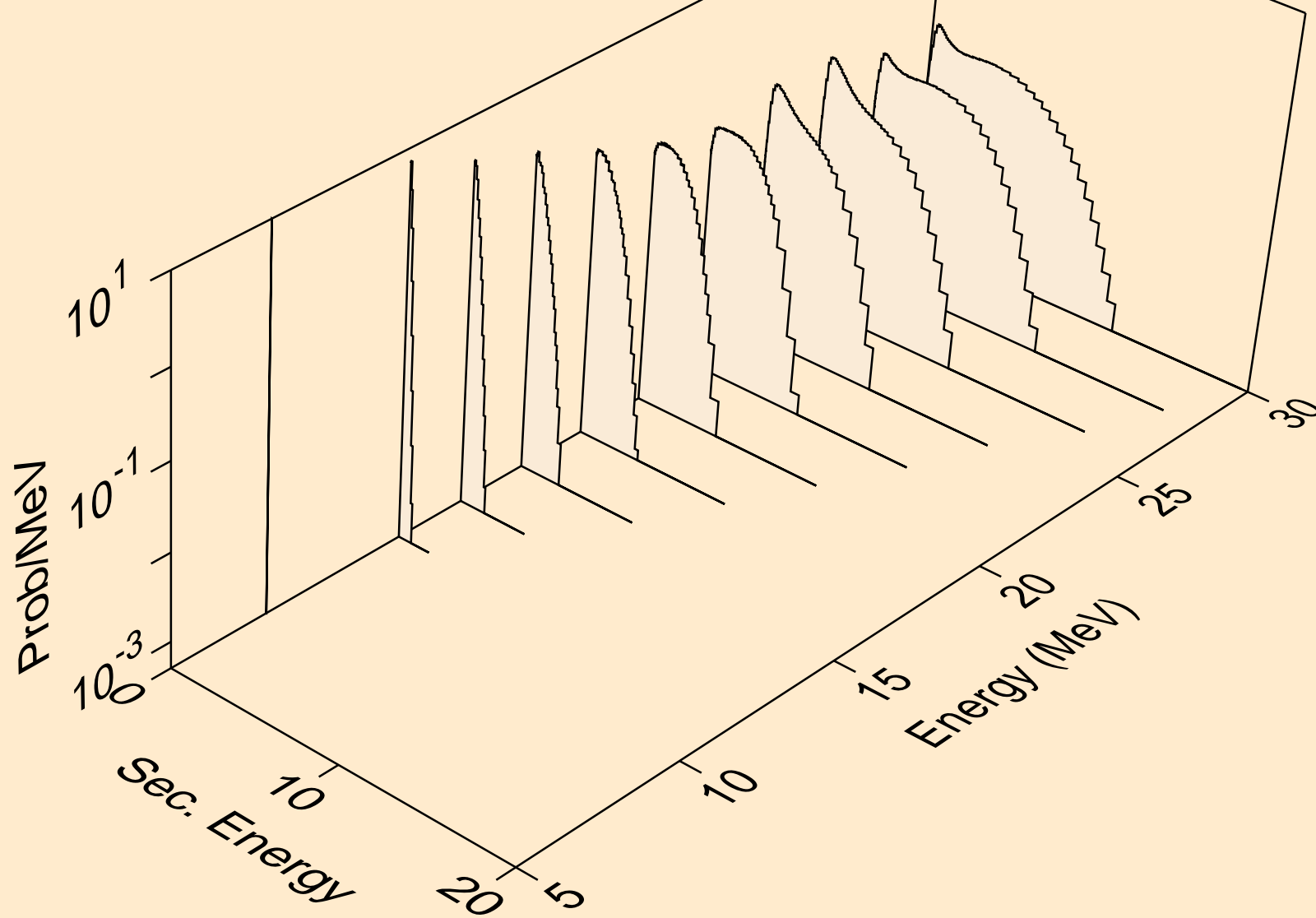
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

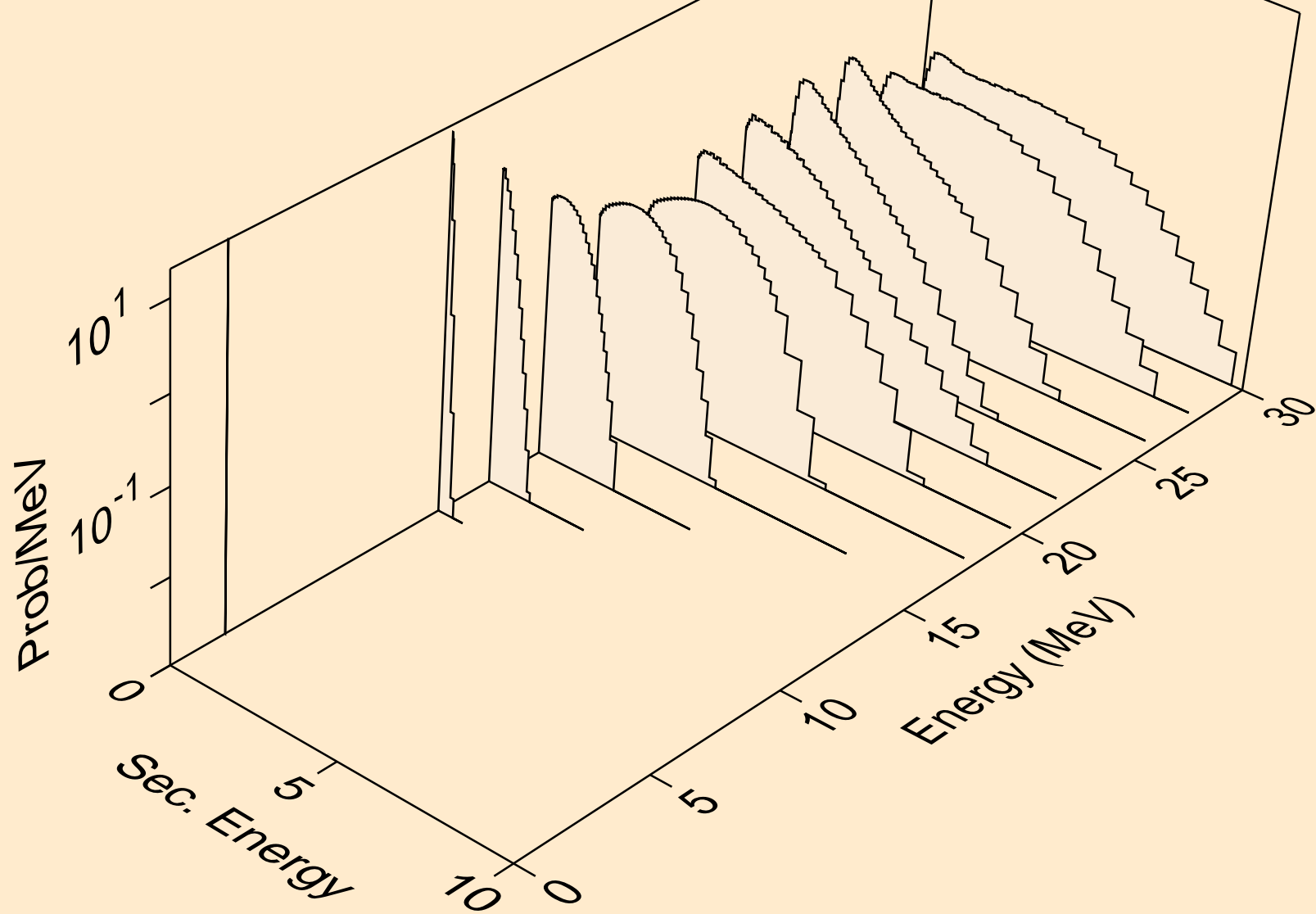


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

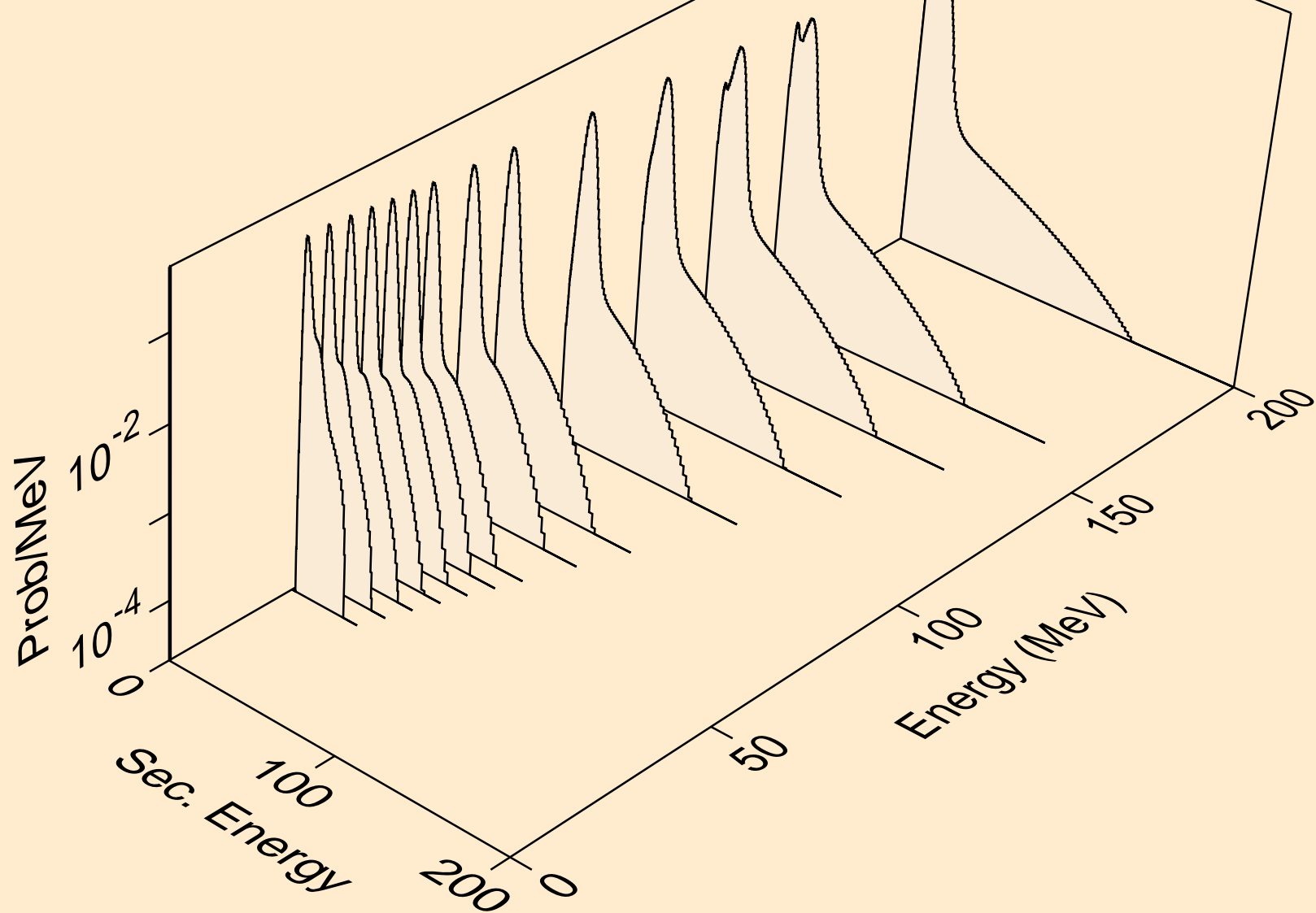




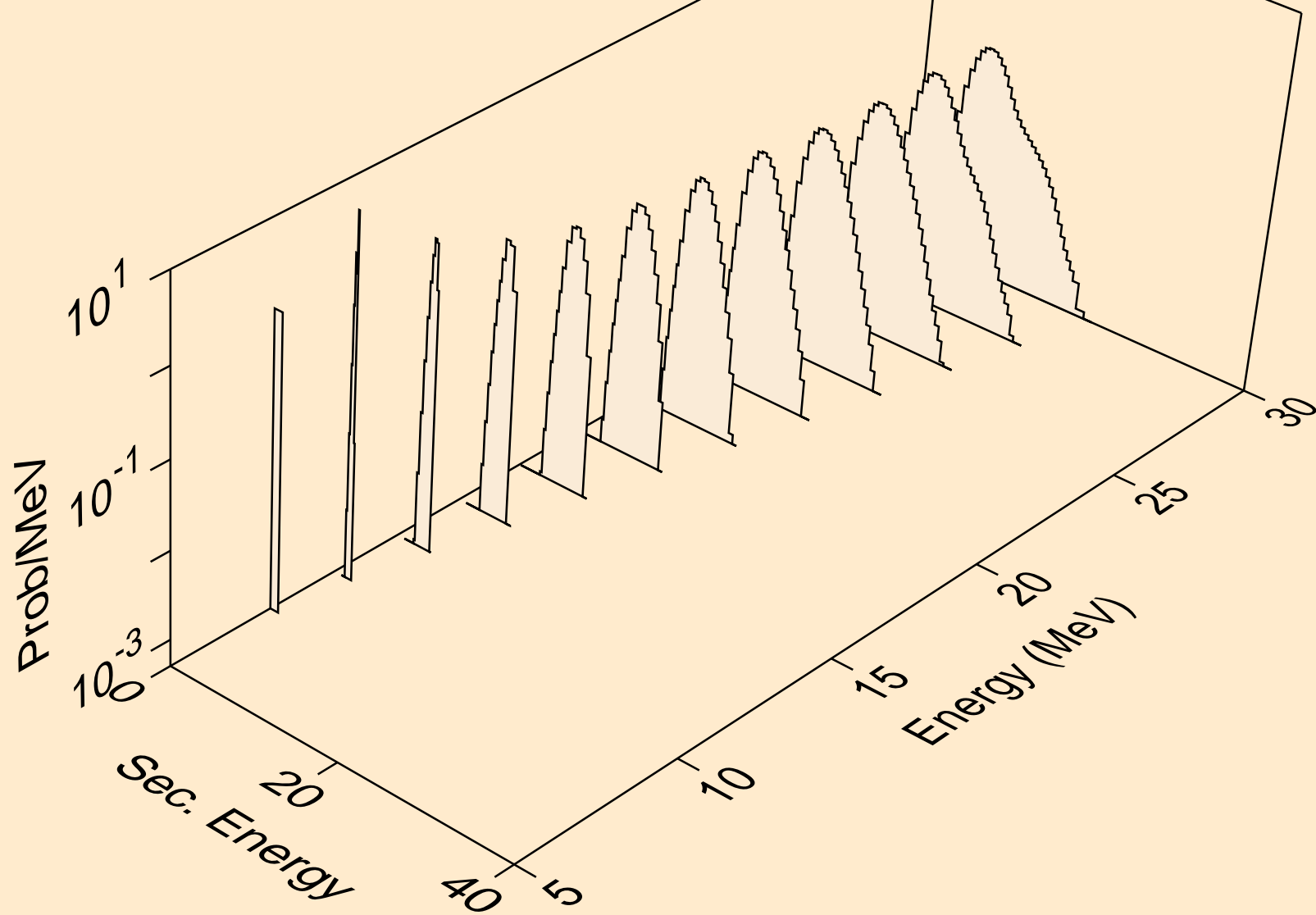
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



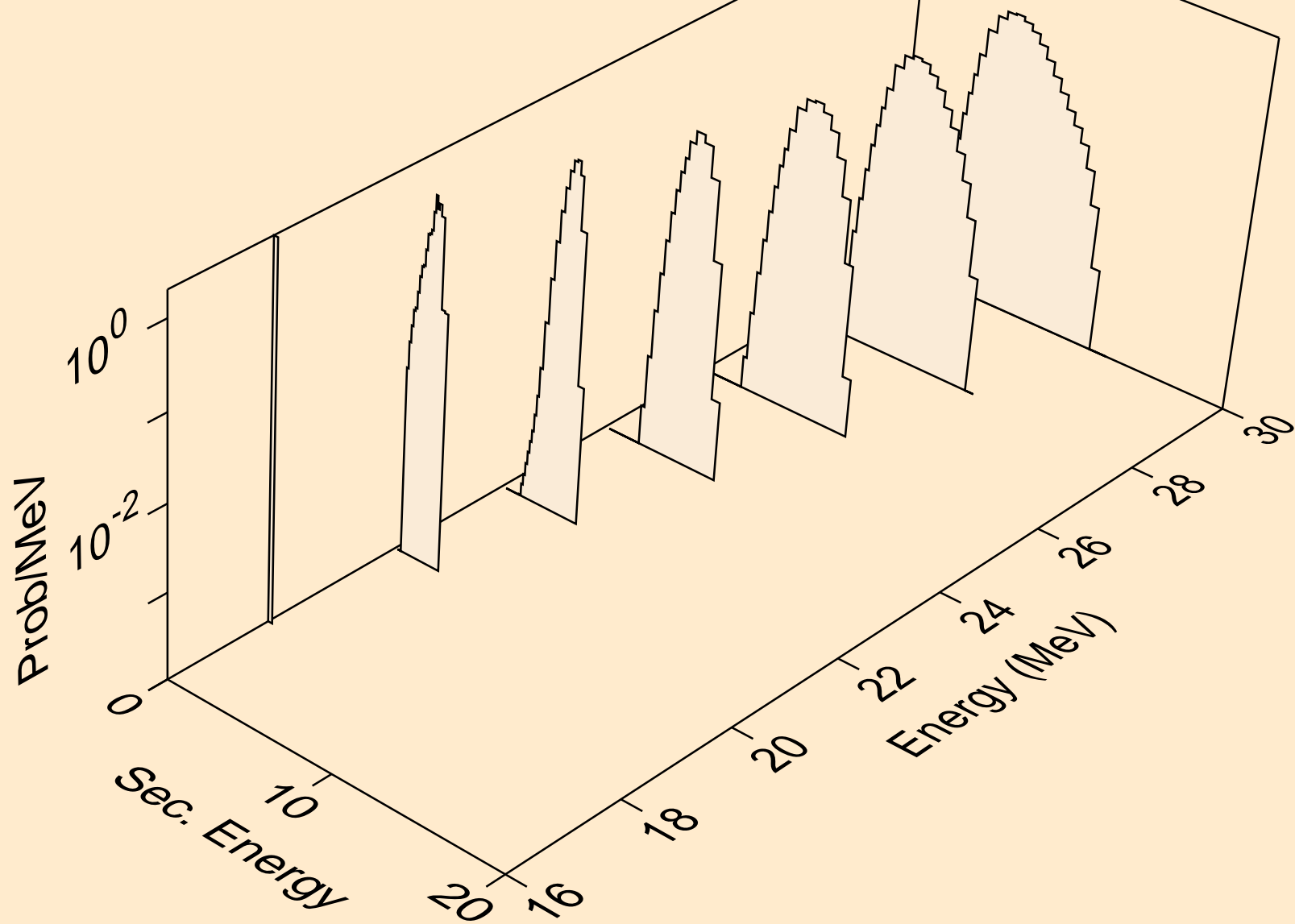
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



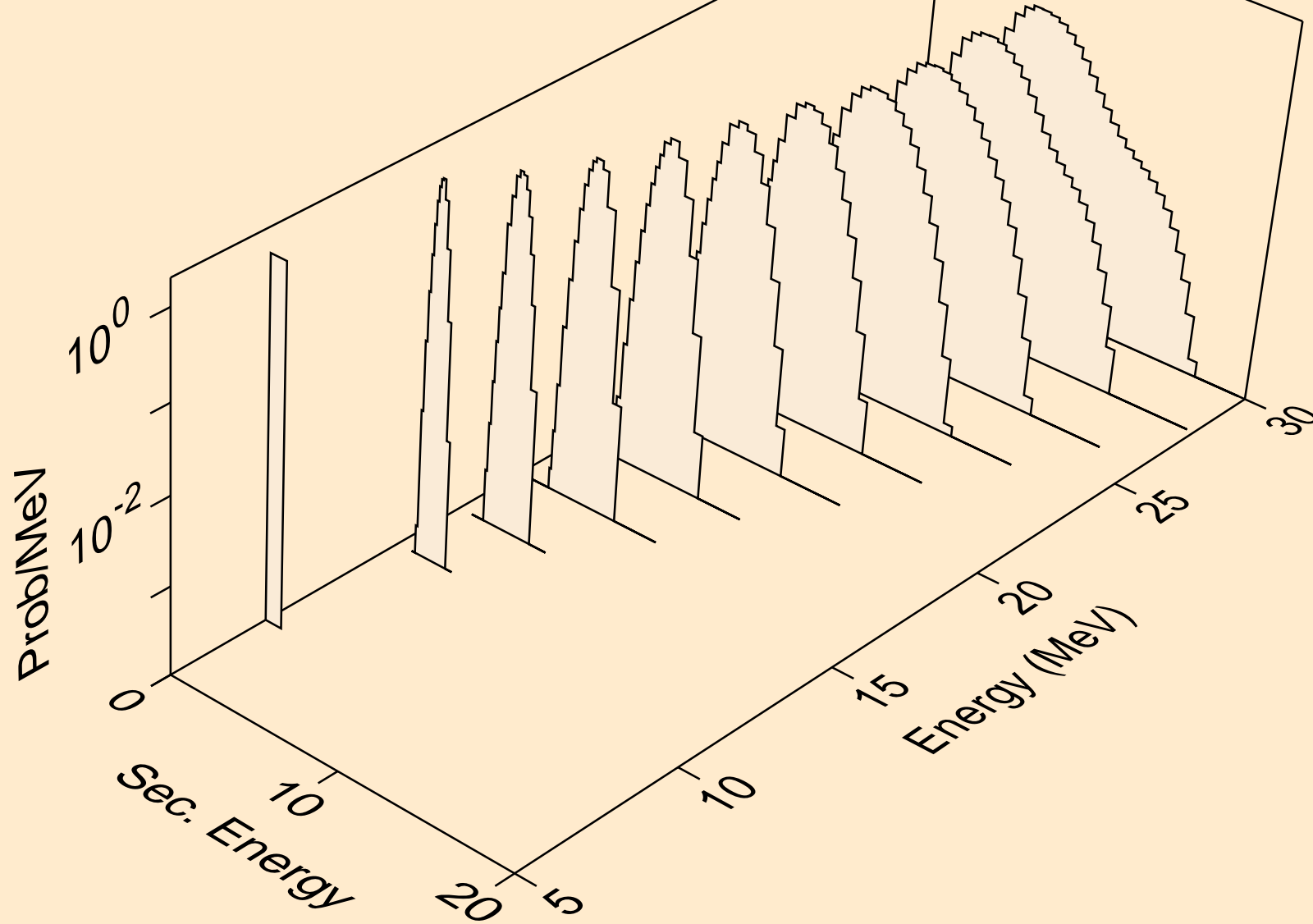
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



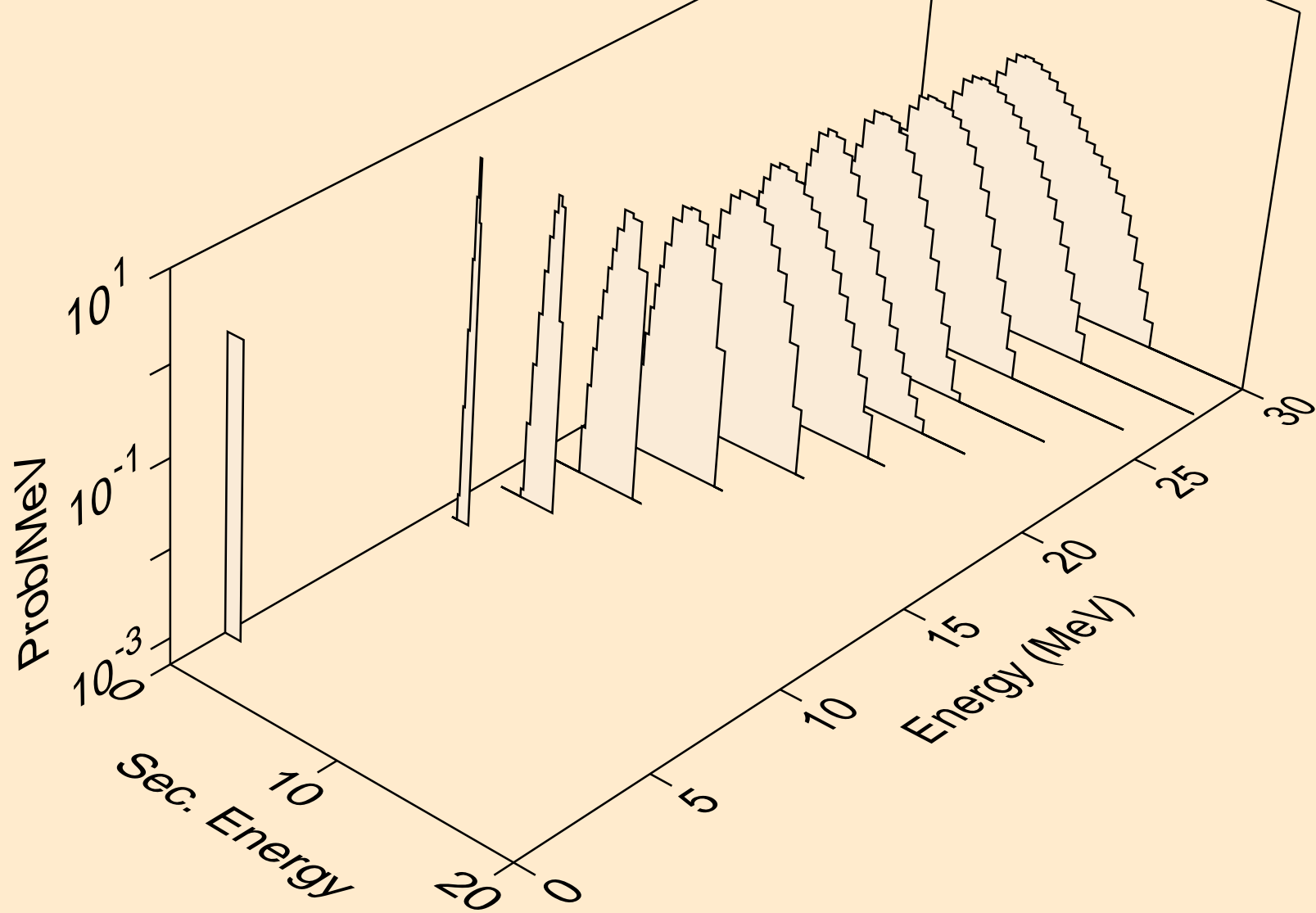
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



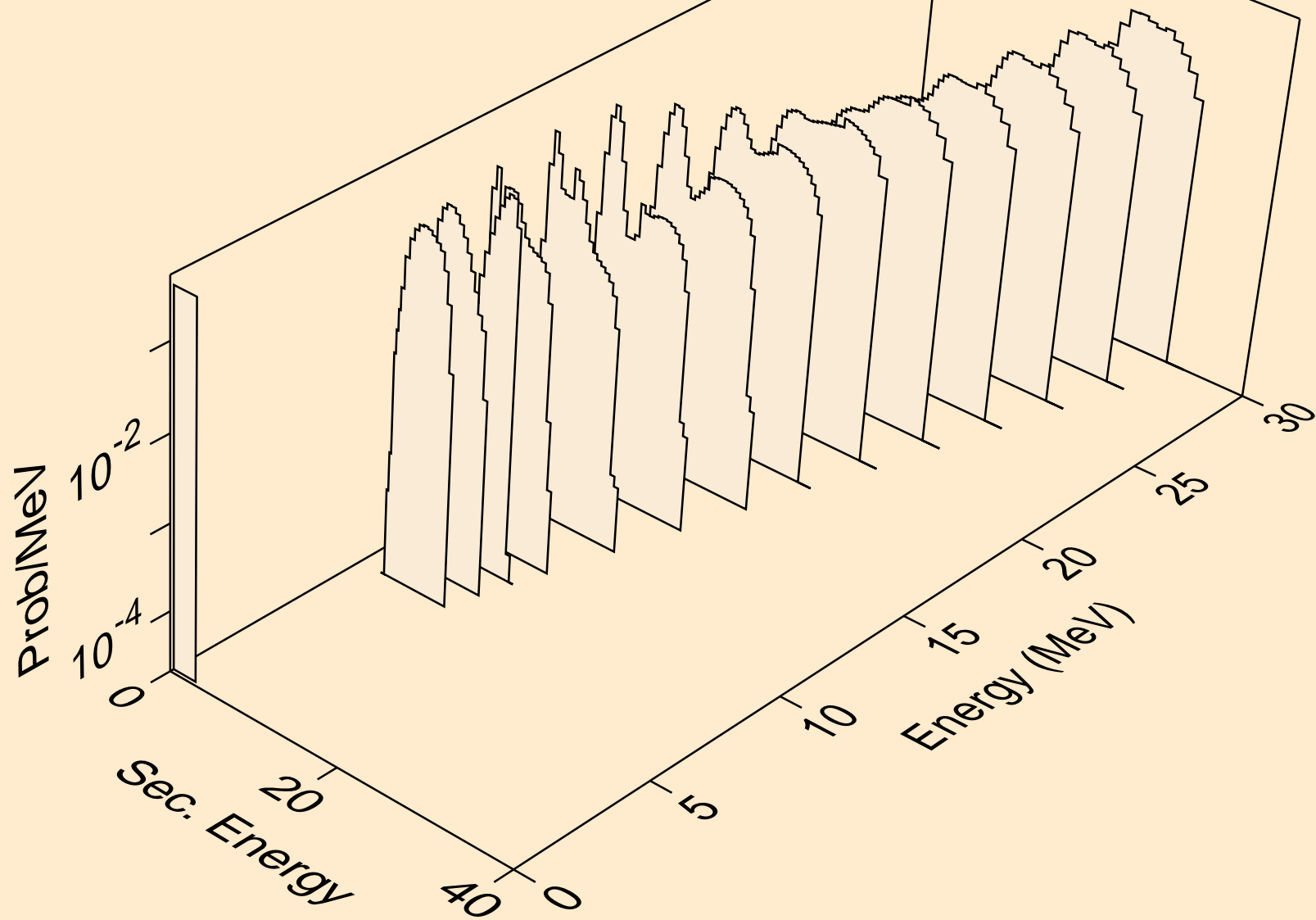
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



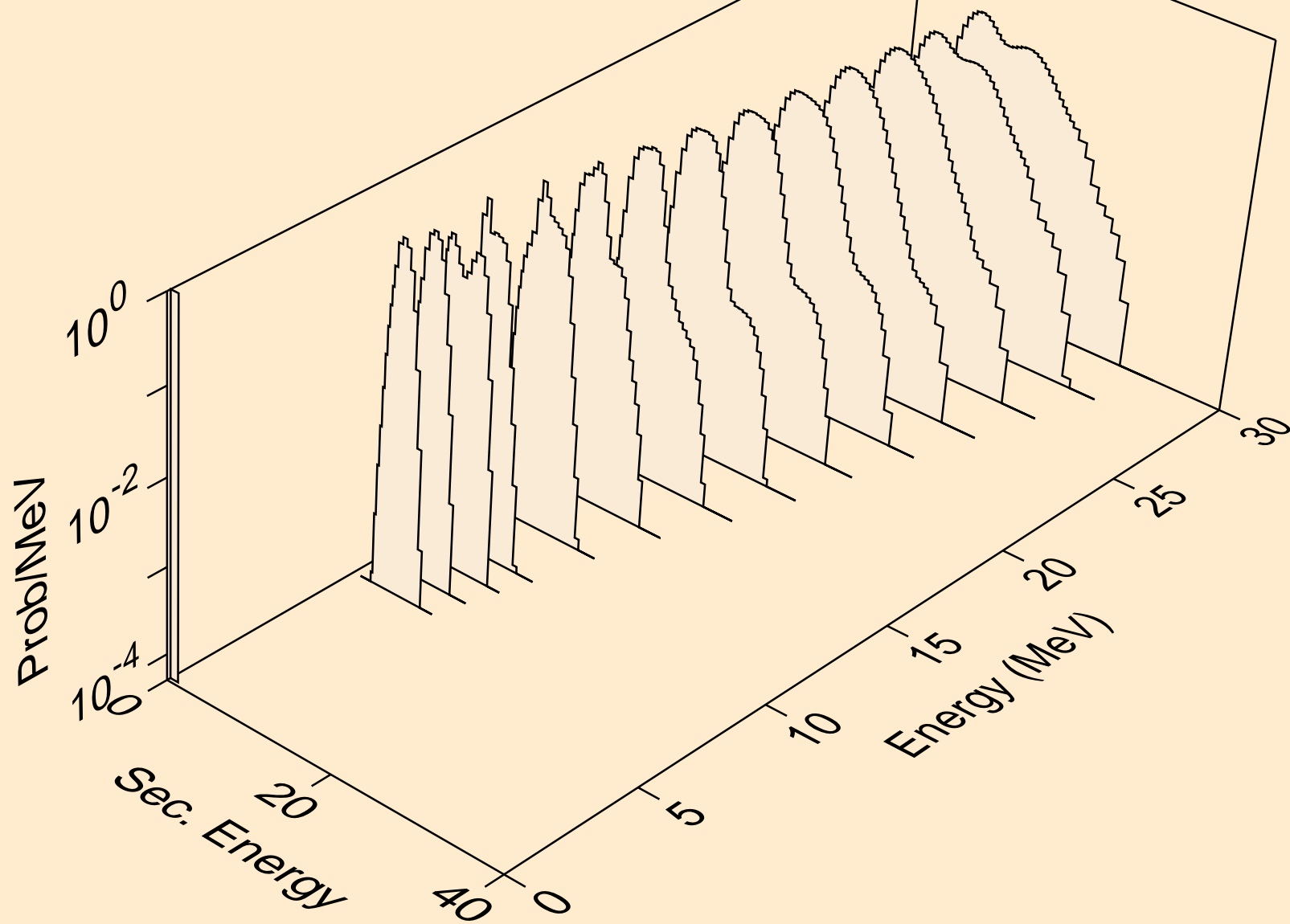
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

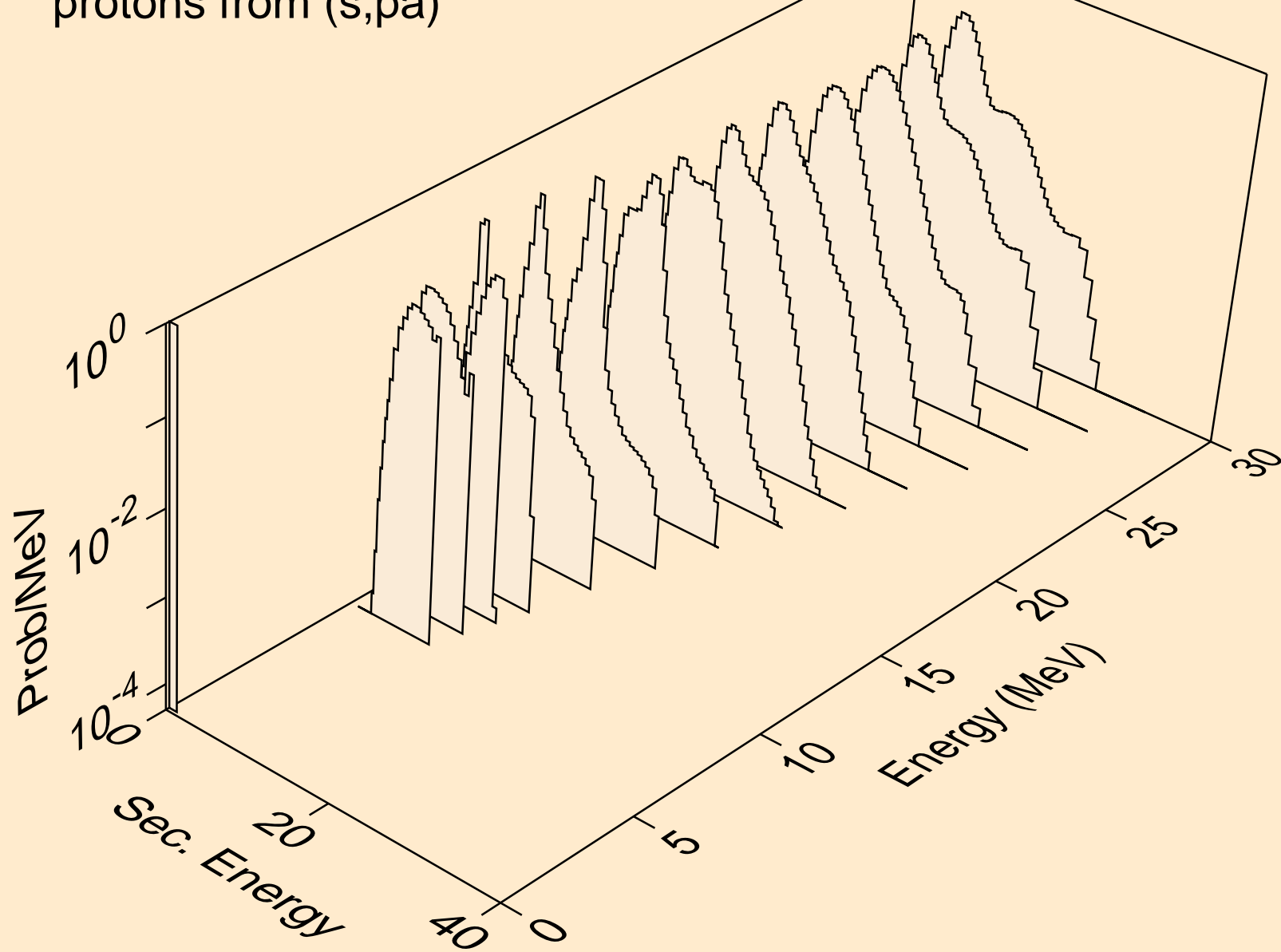


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

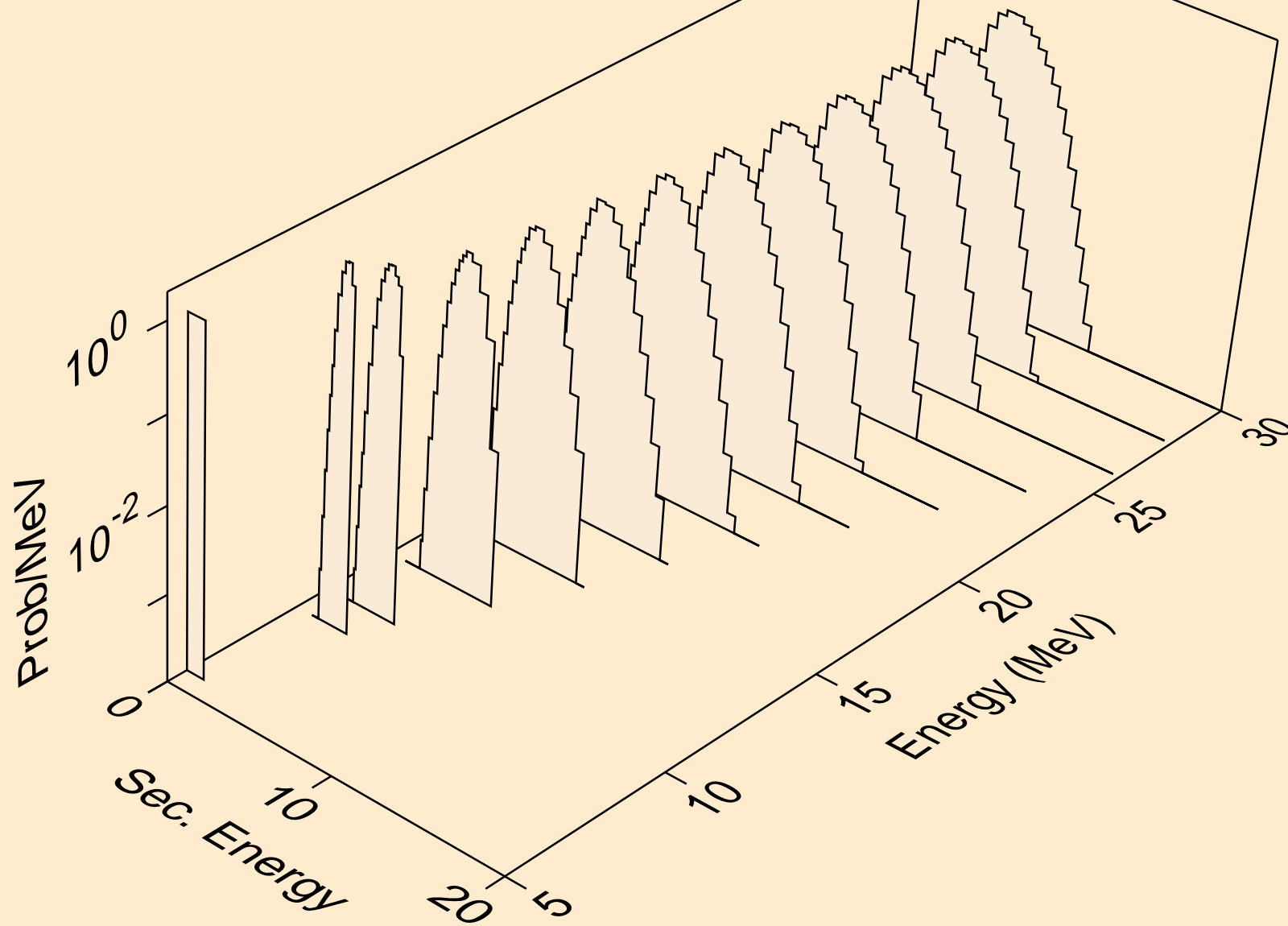




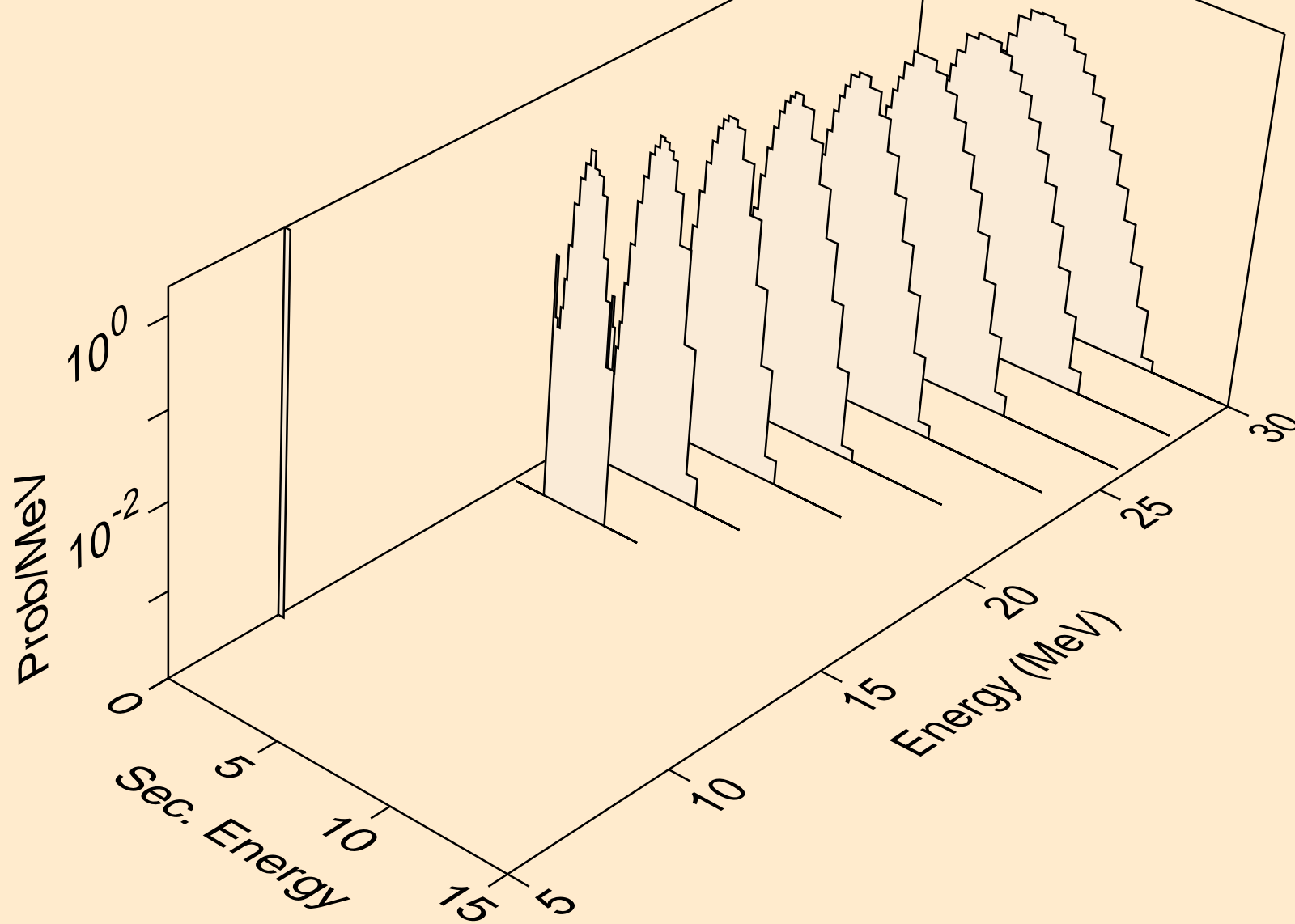
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



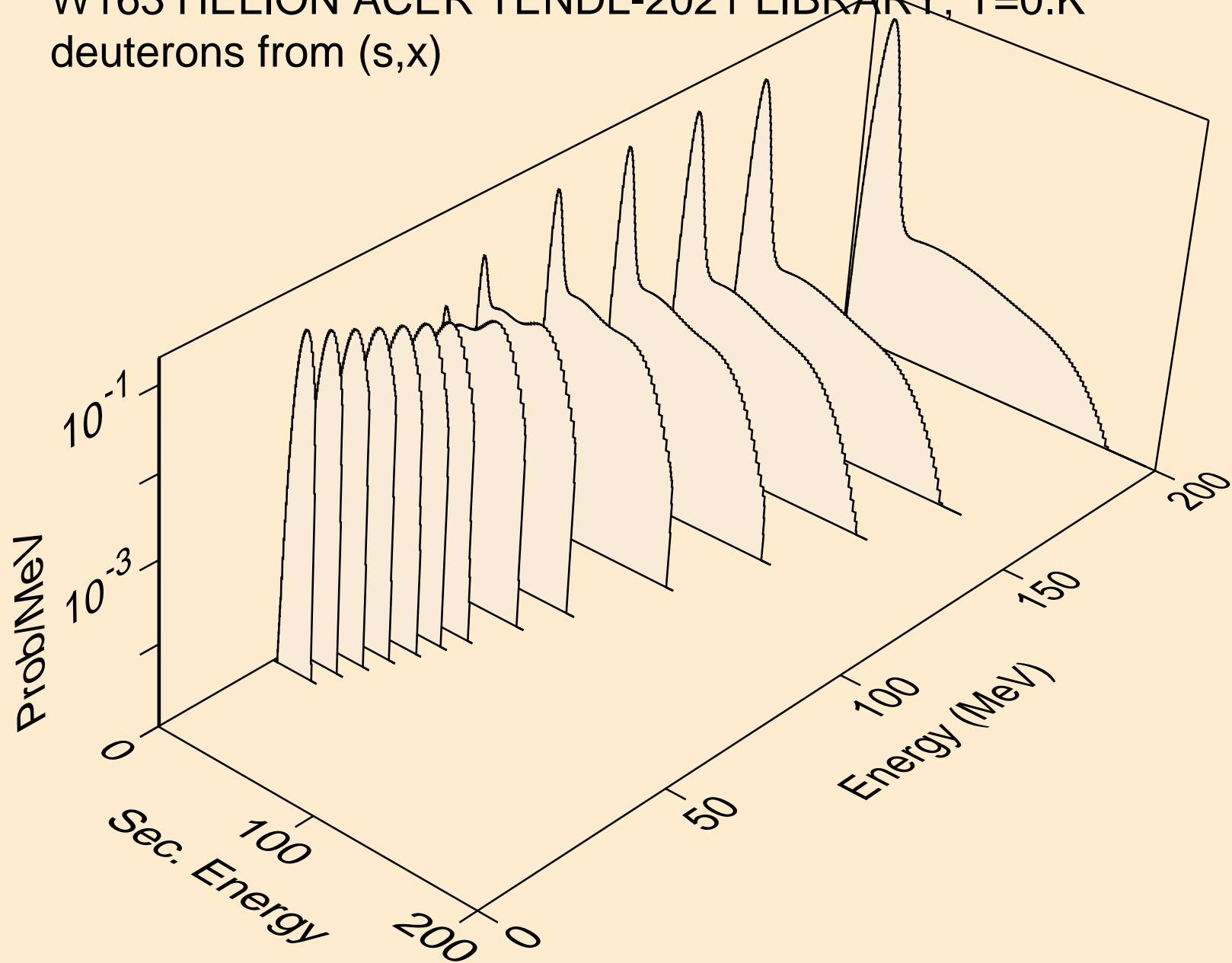
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



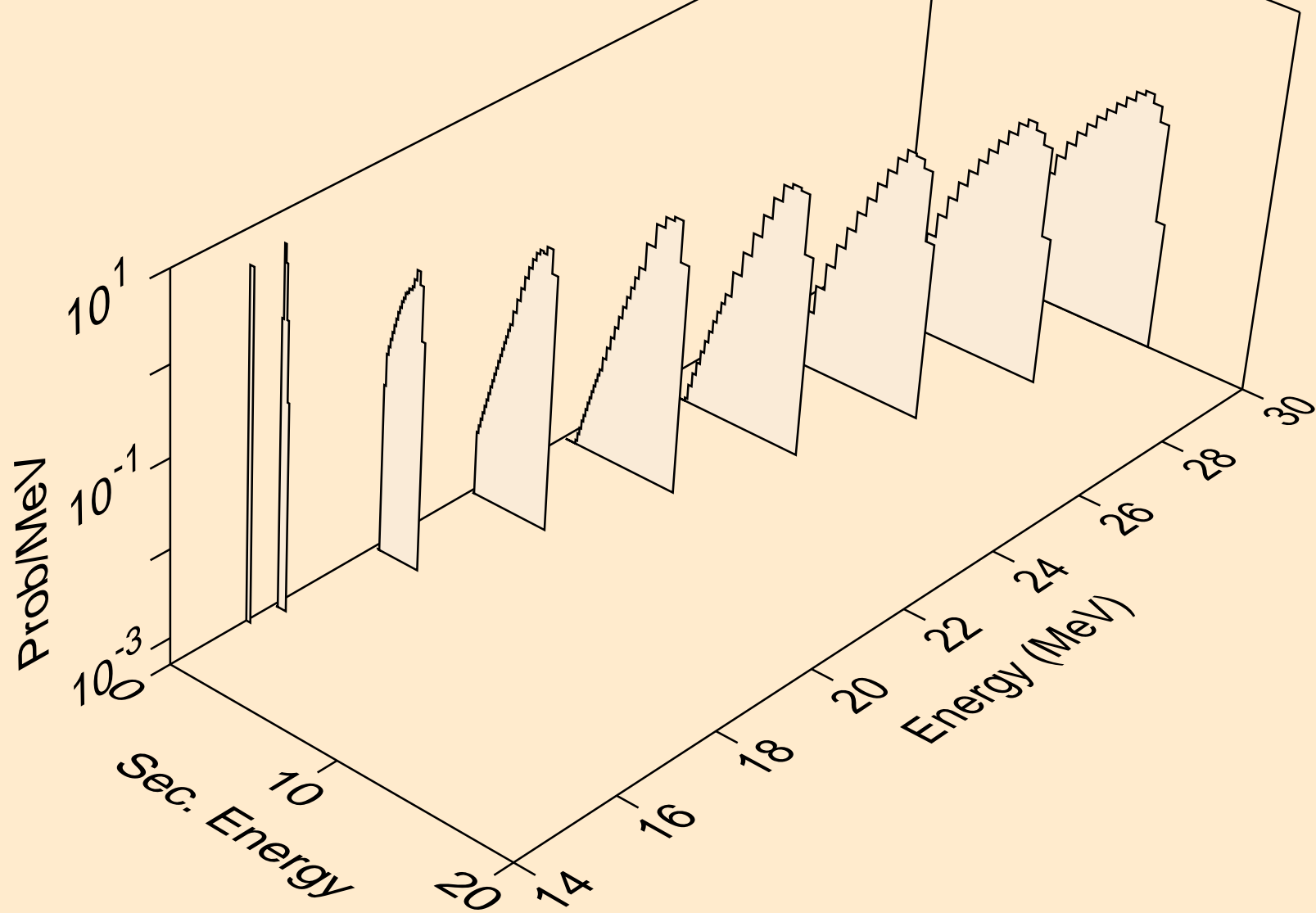
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



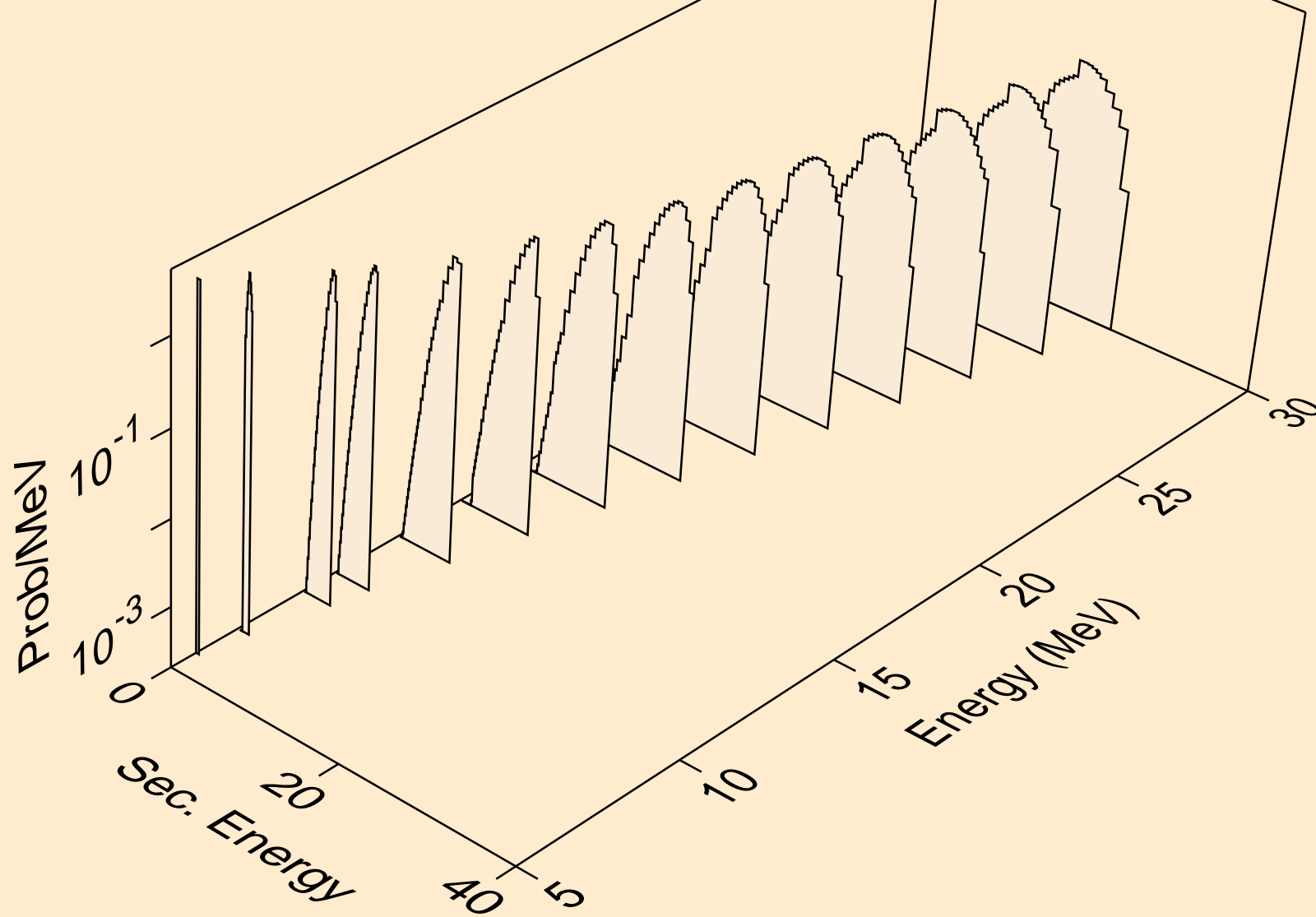
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



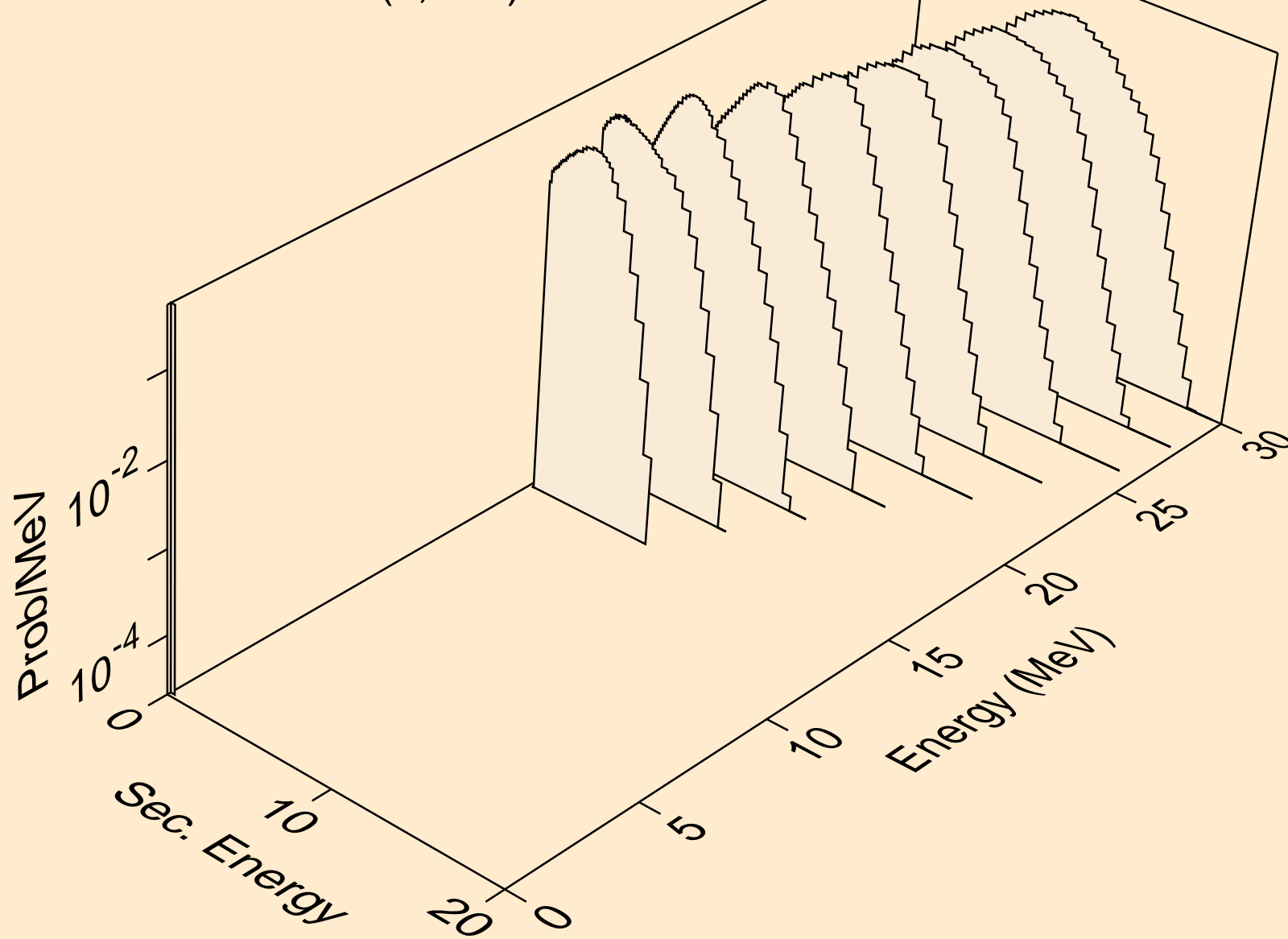
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



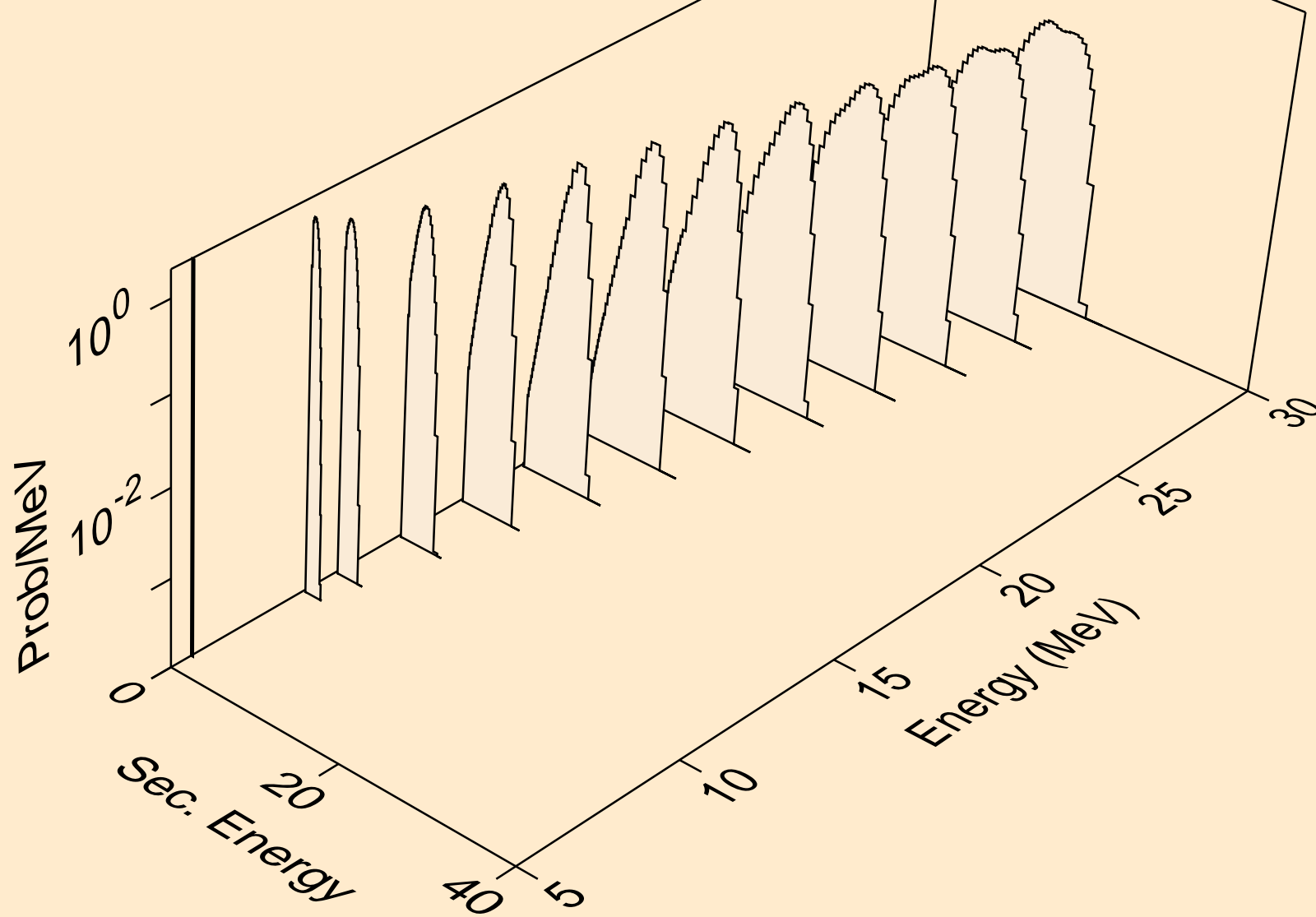
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d2a)

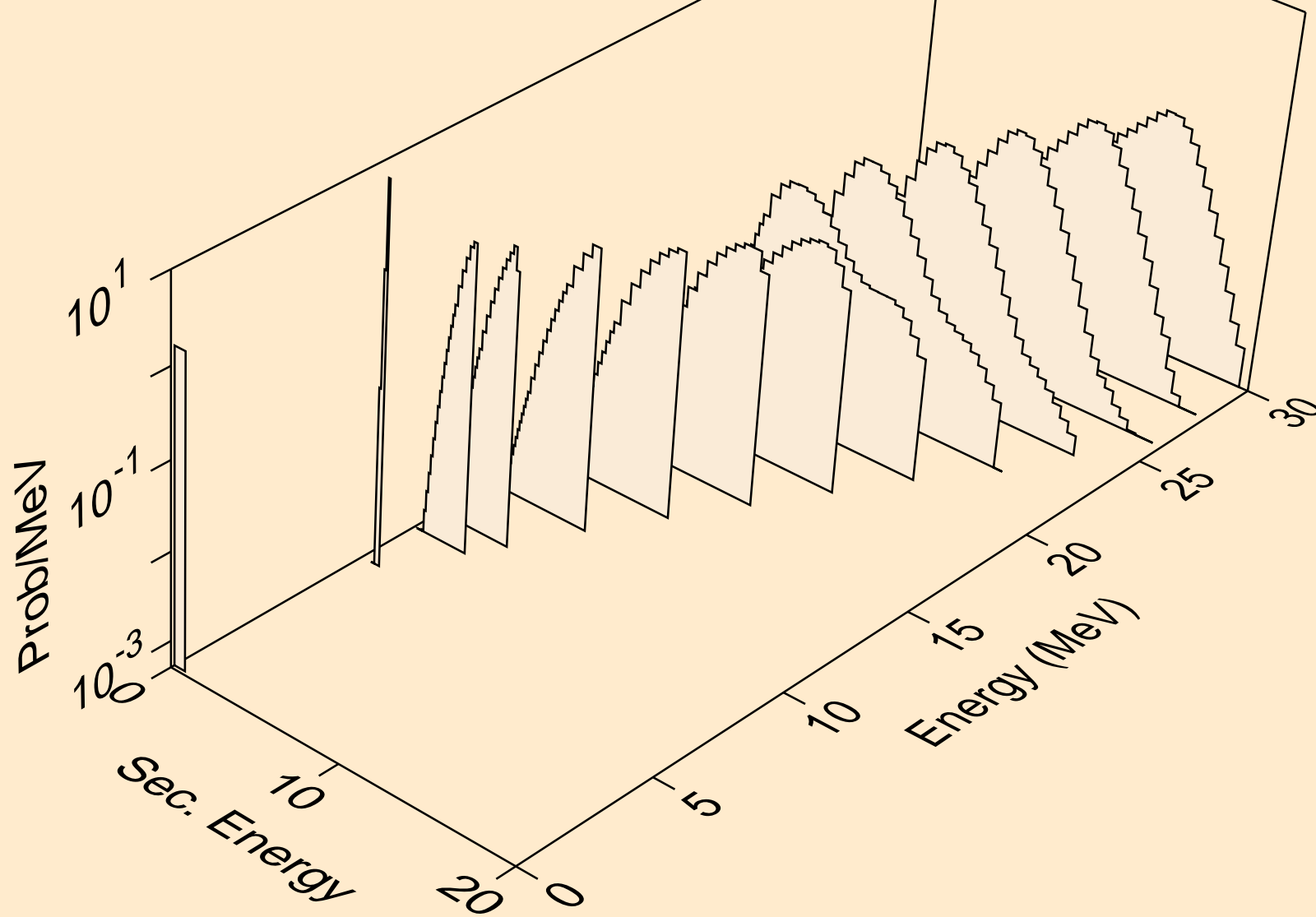


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

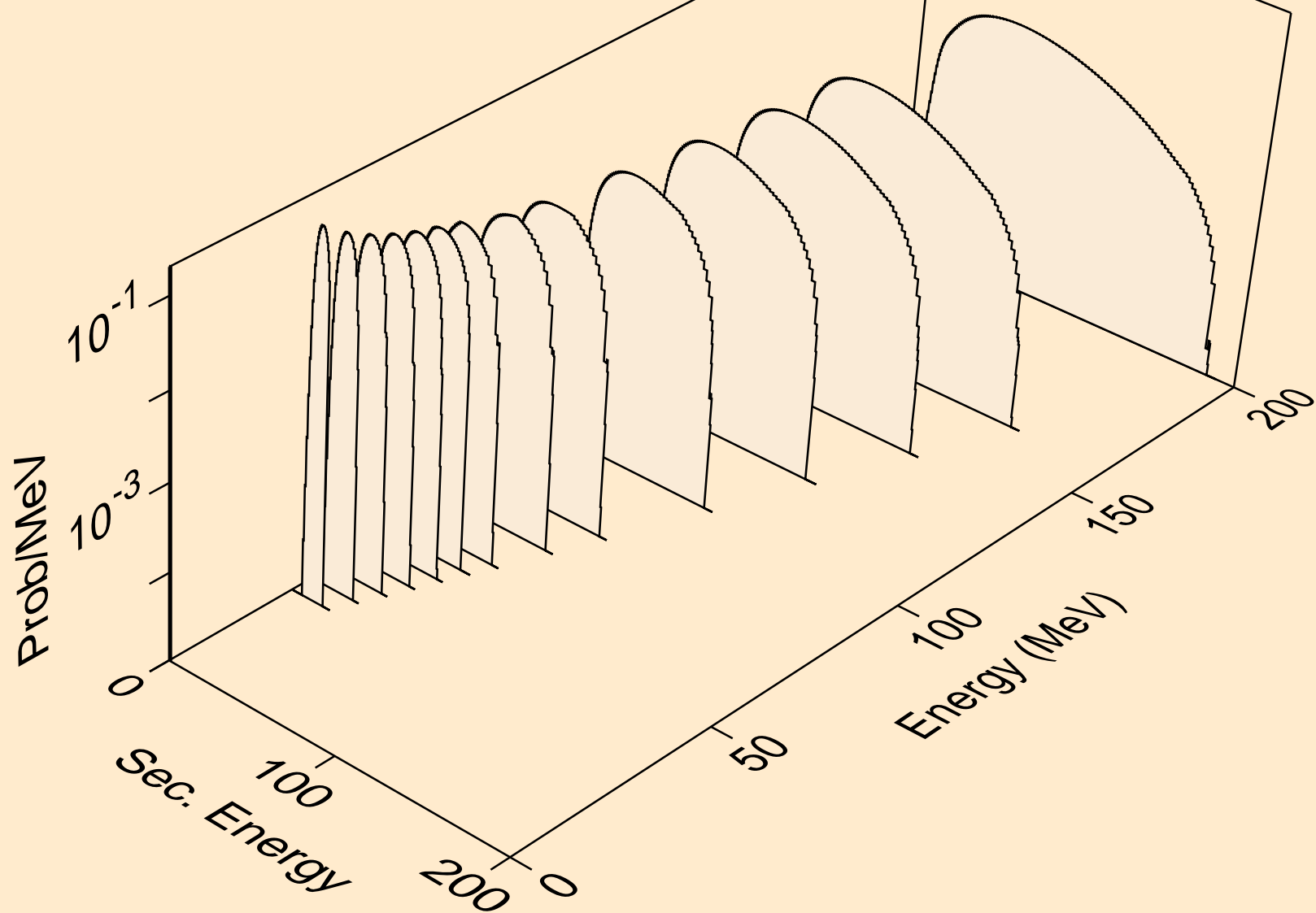




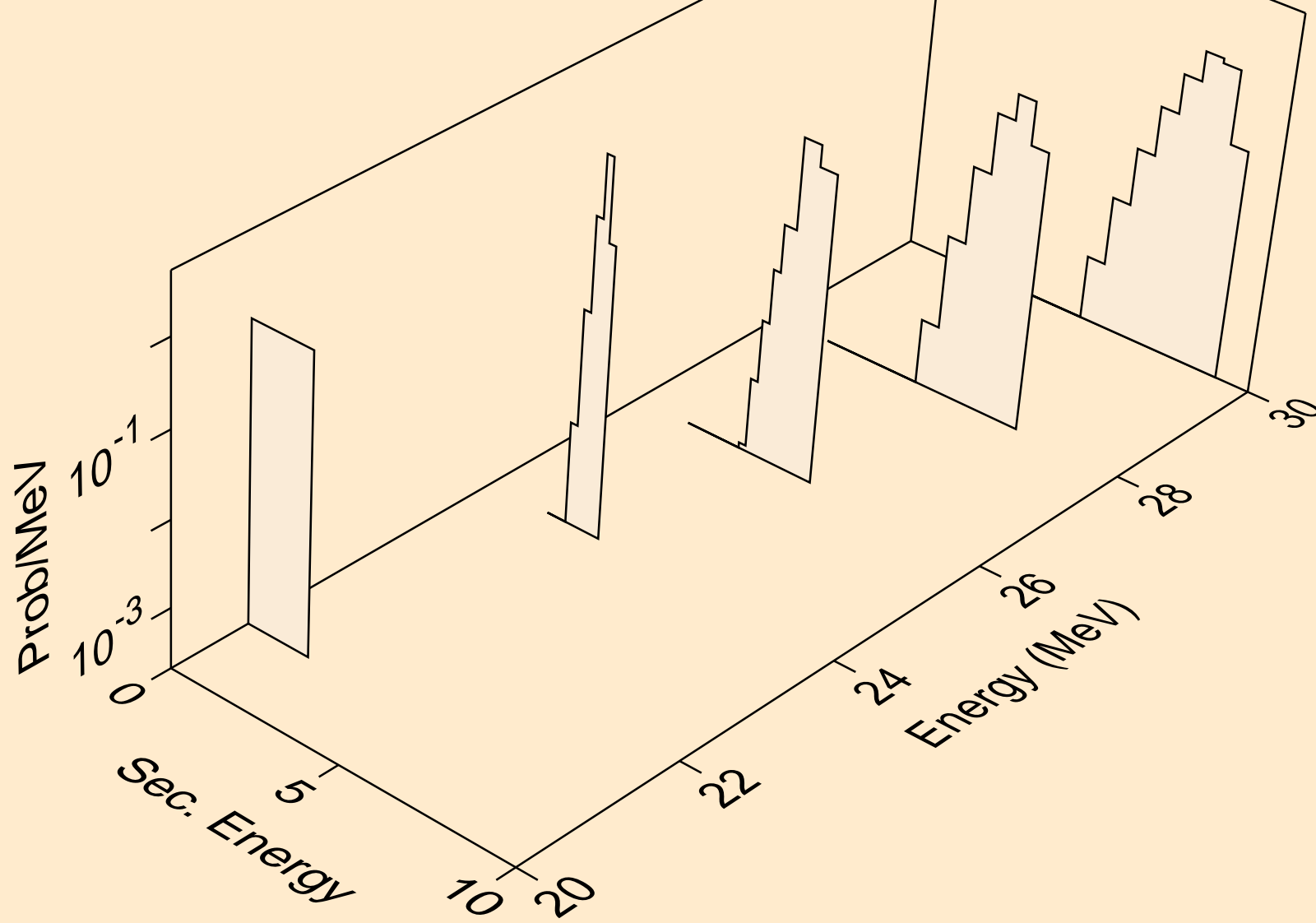
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



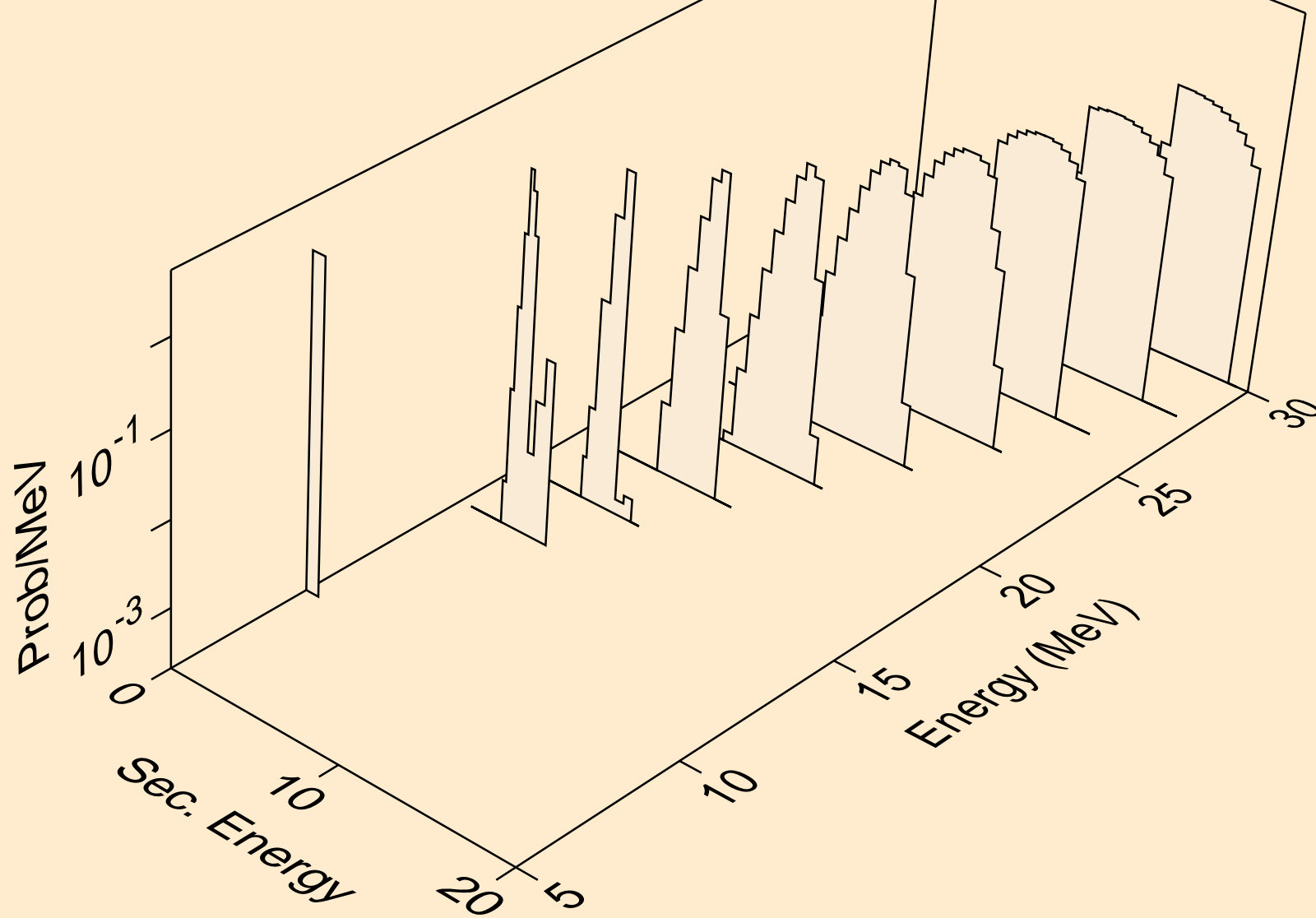
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



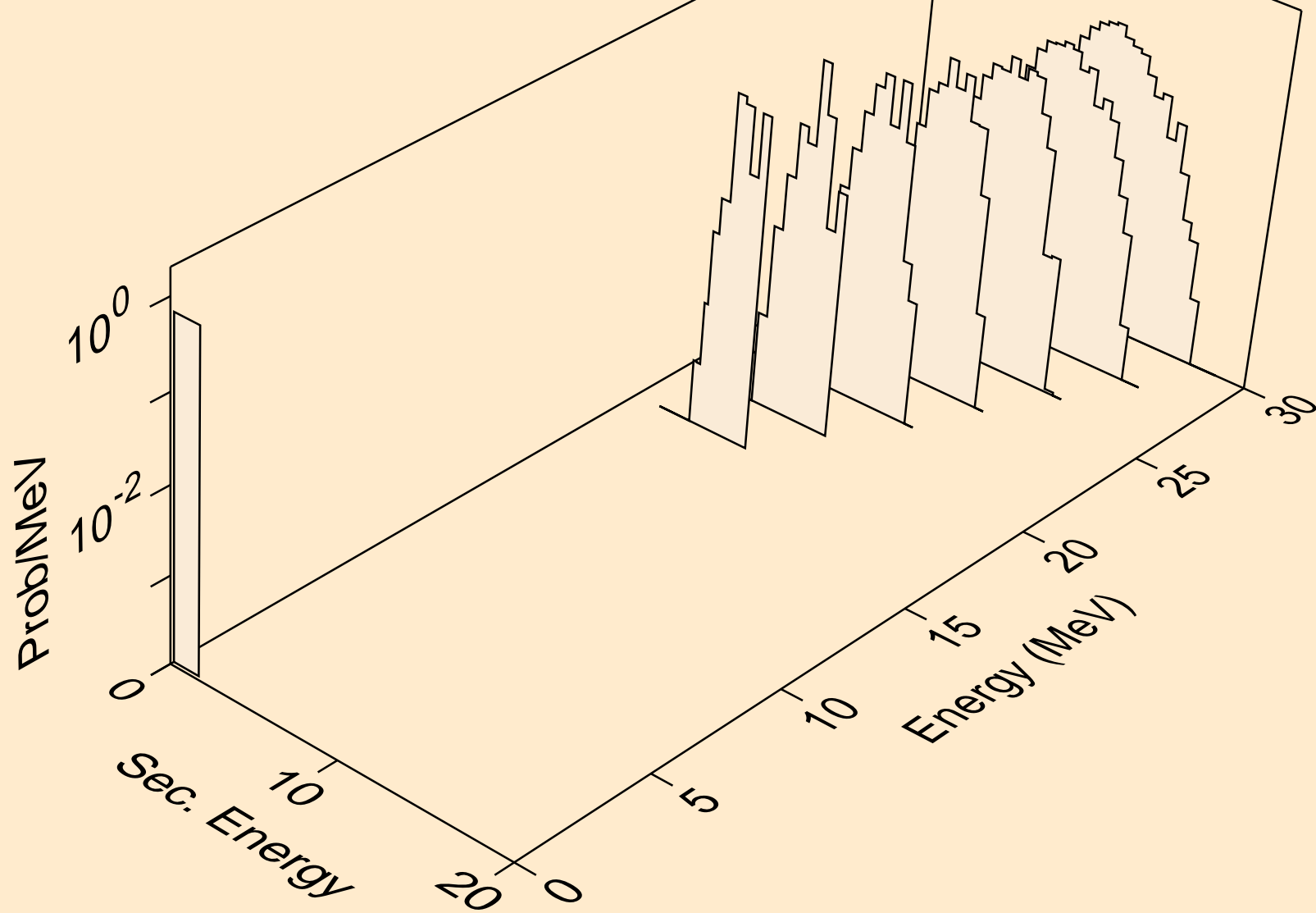
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



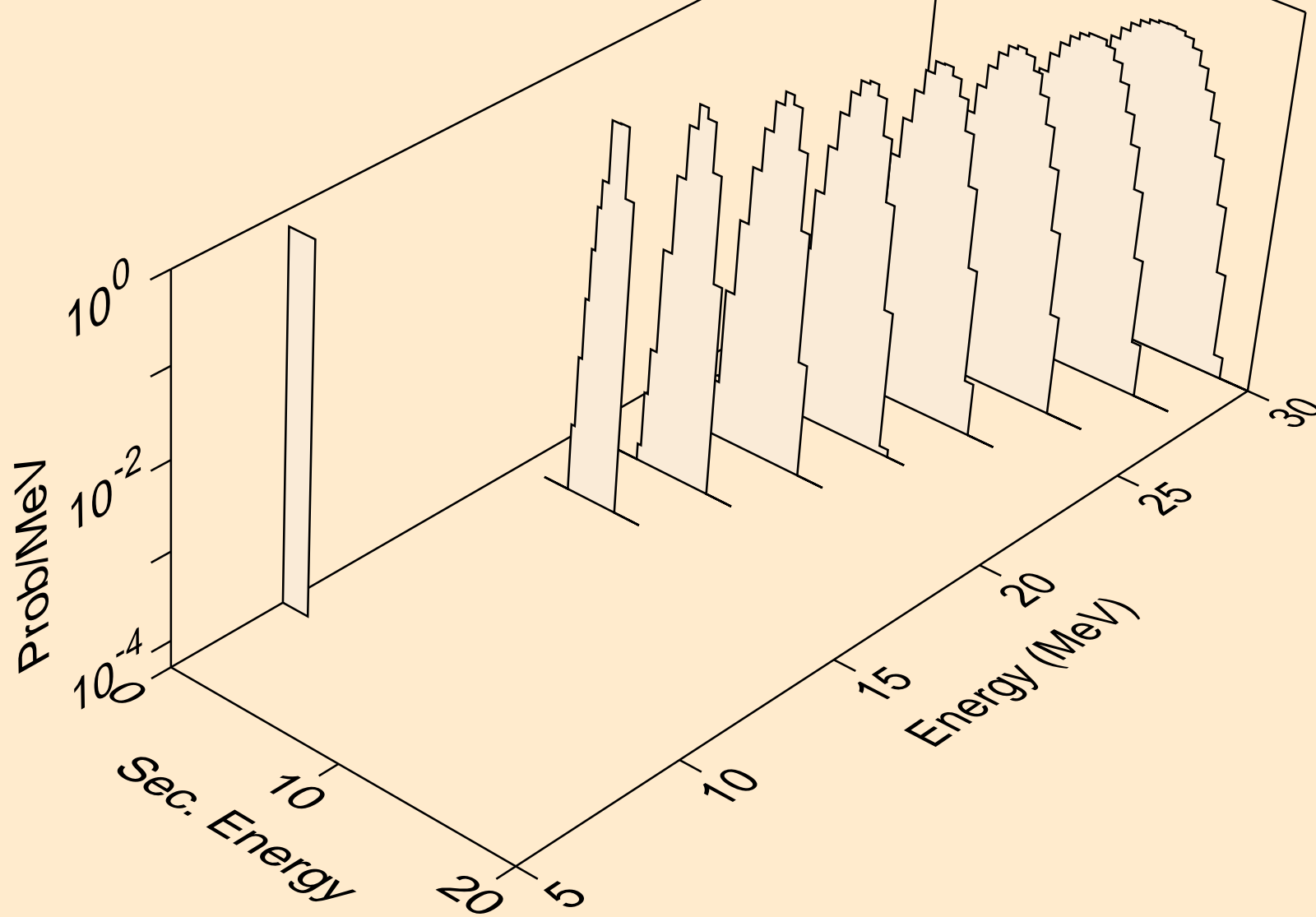
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



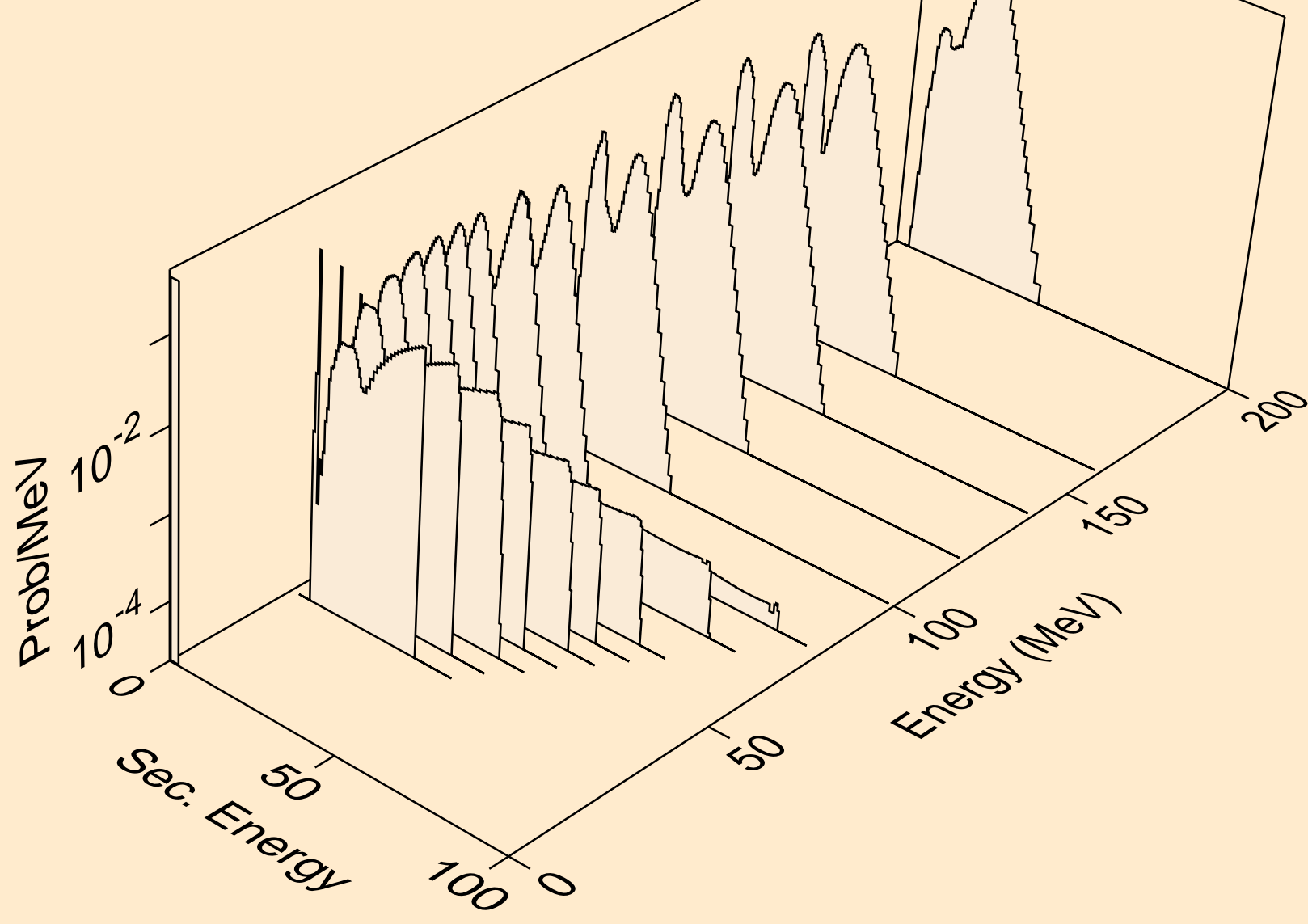
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t2a)



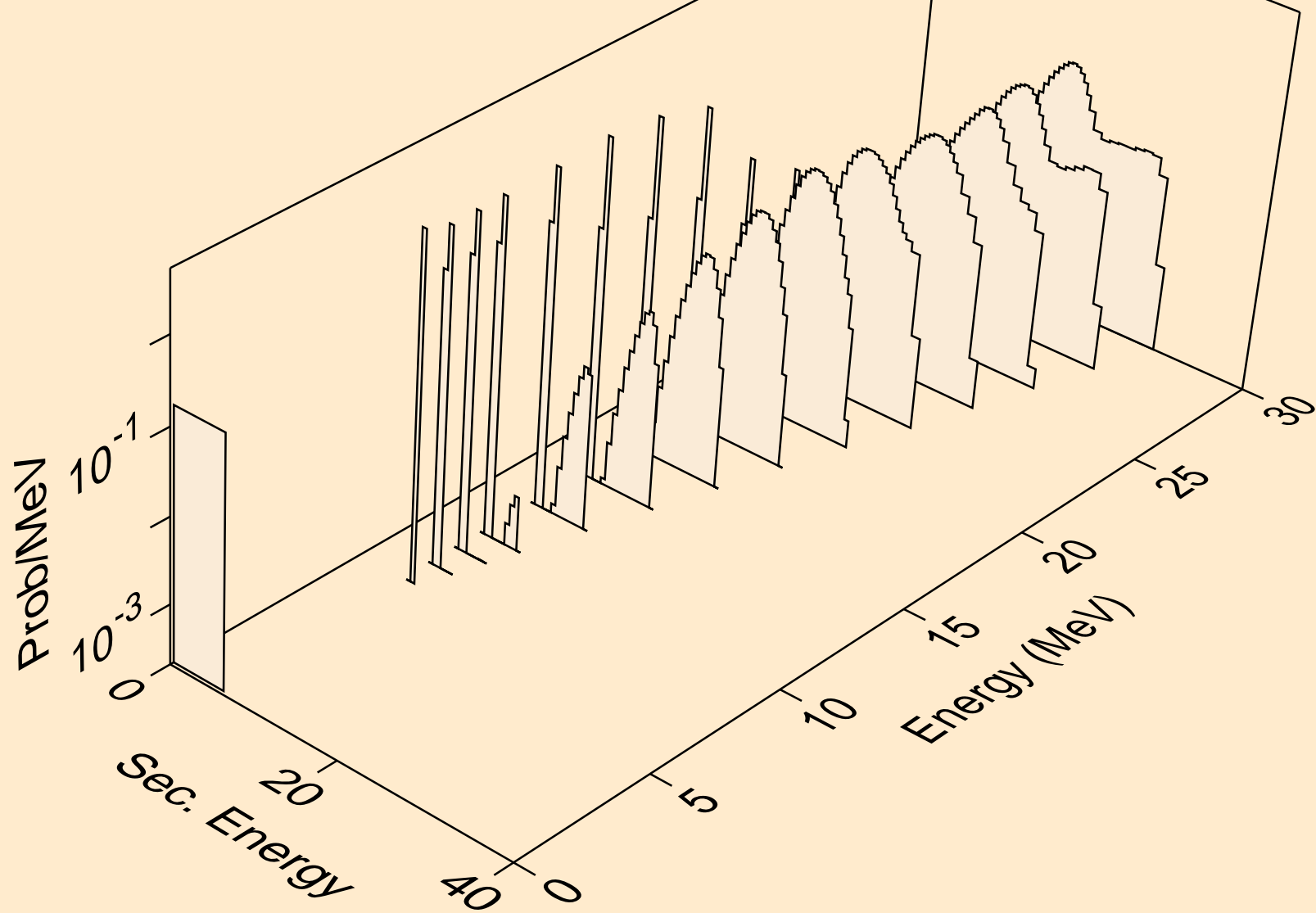
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

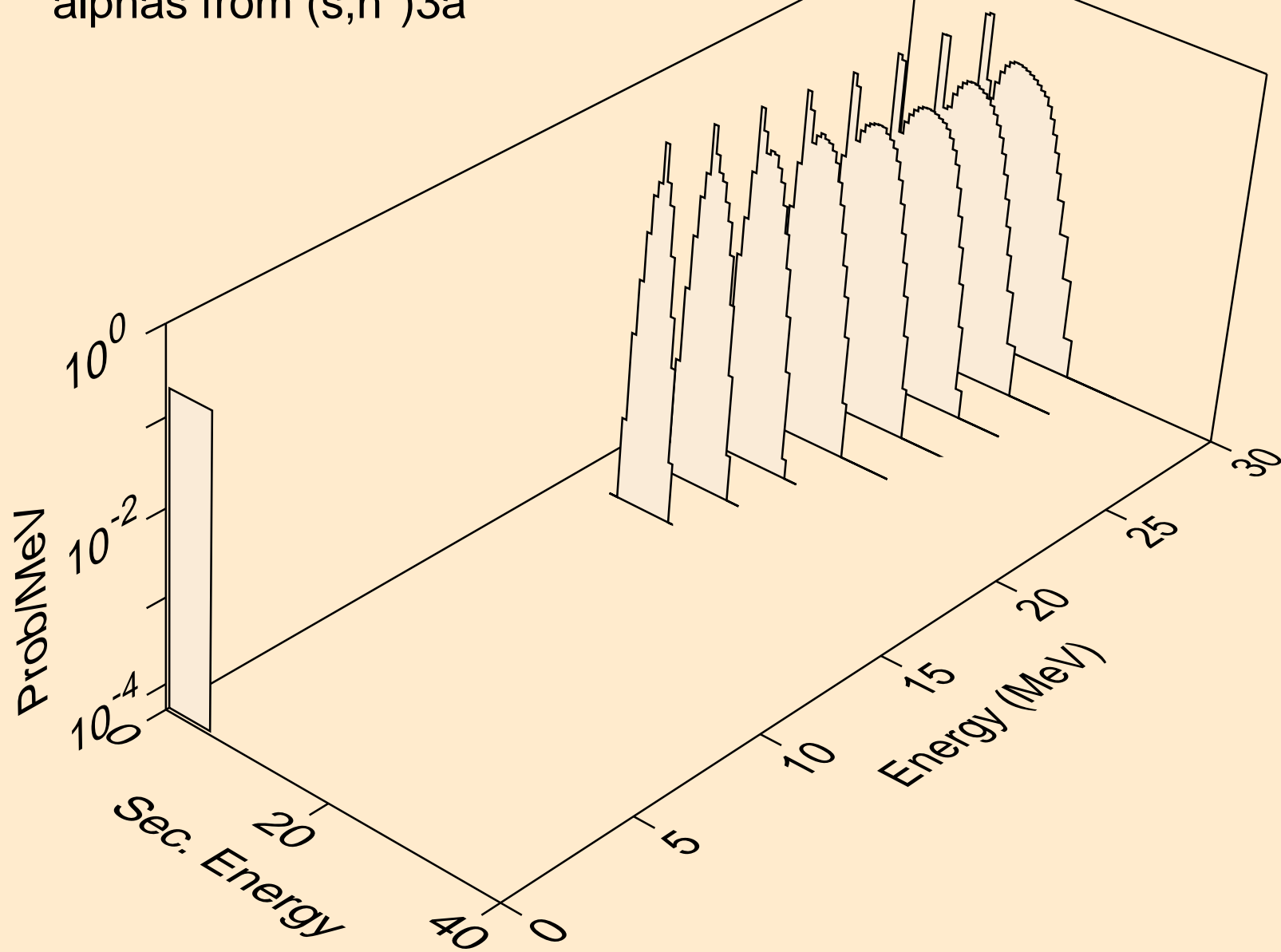


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

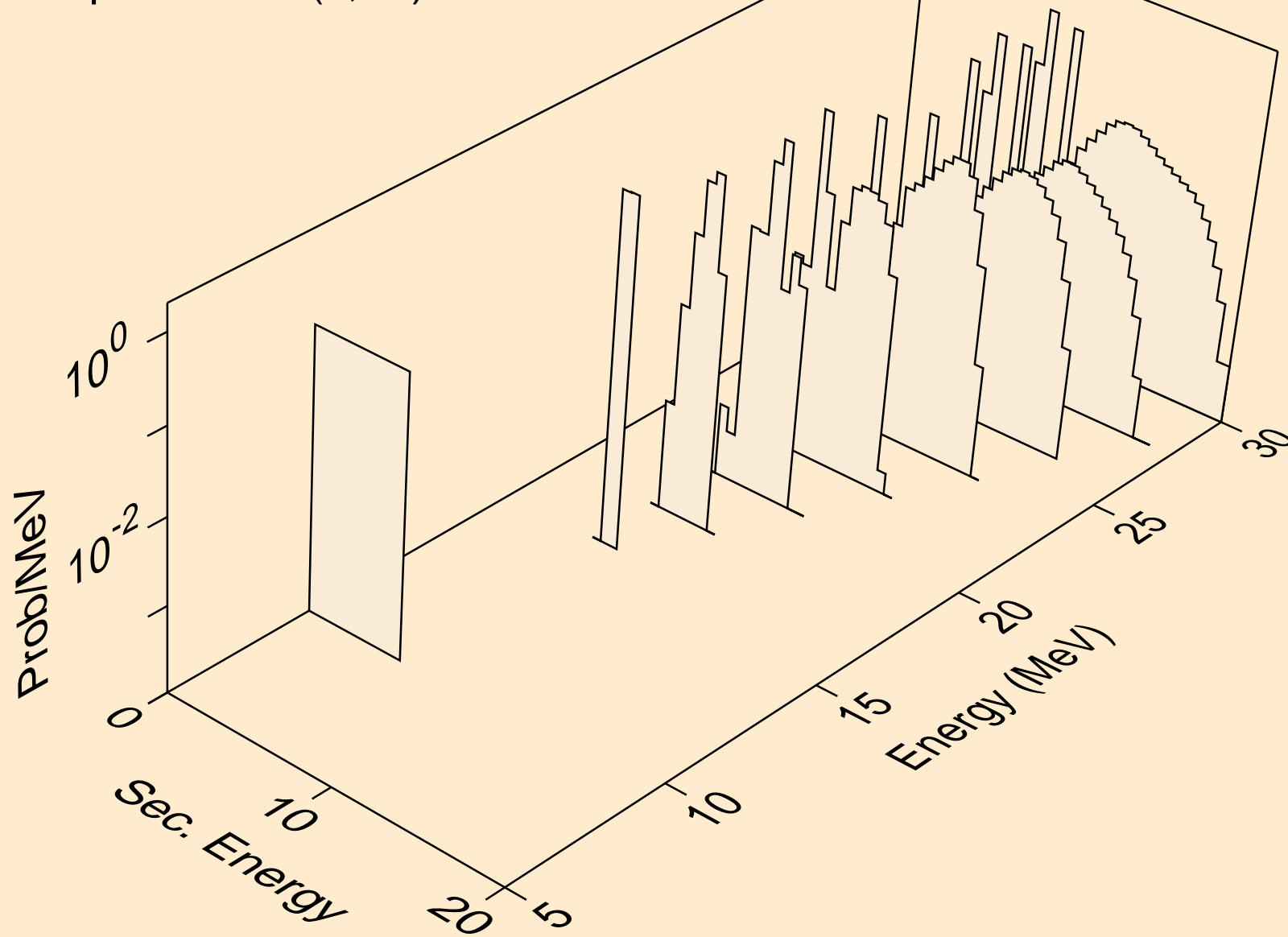




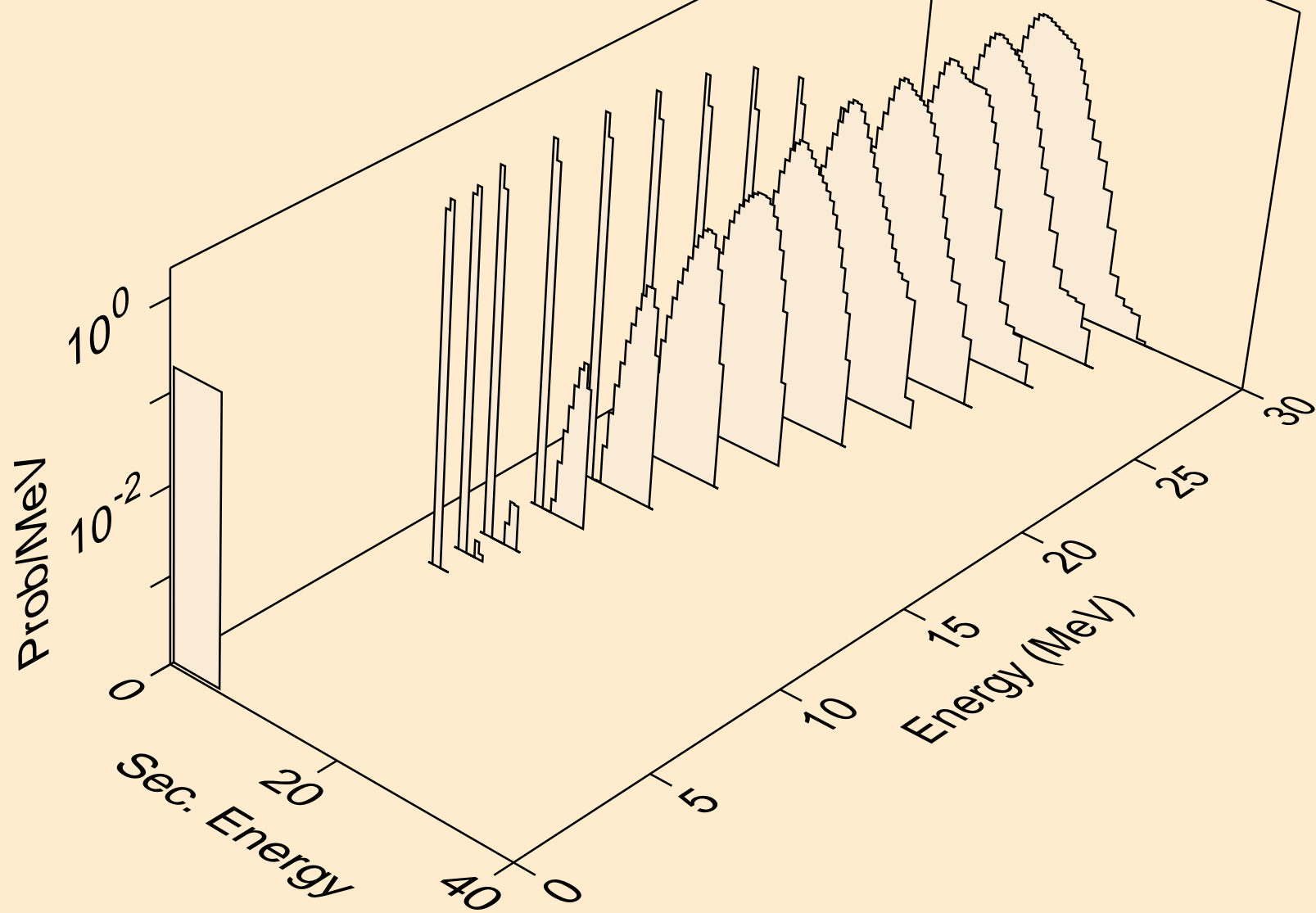
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)3a



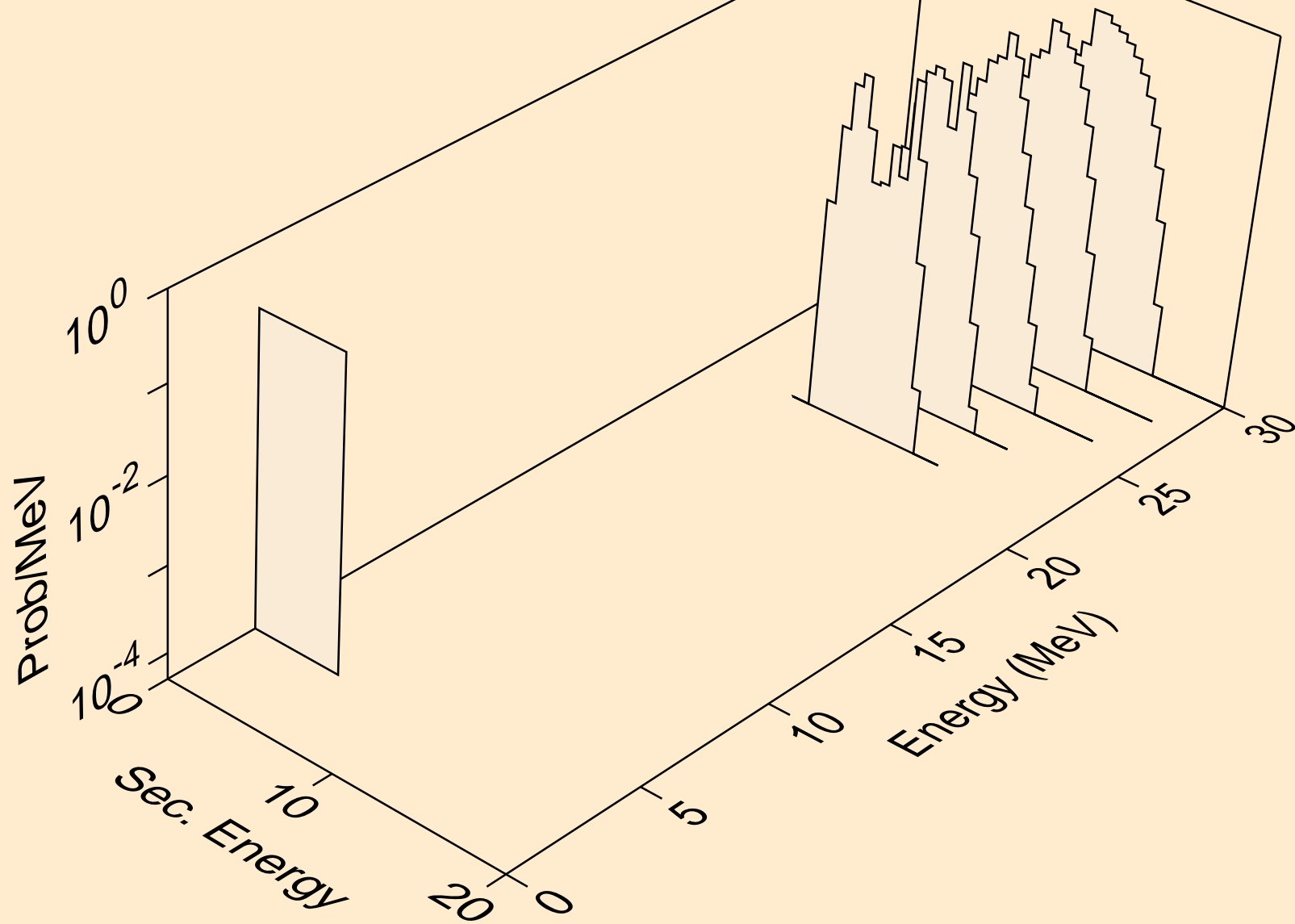
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



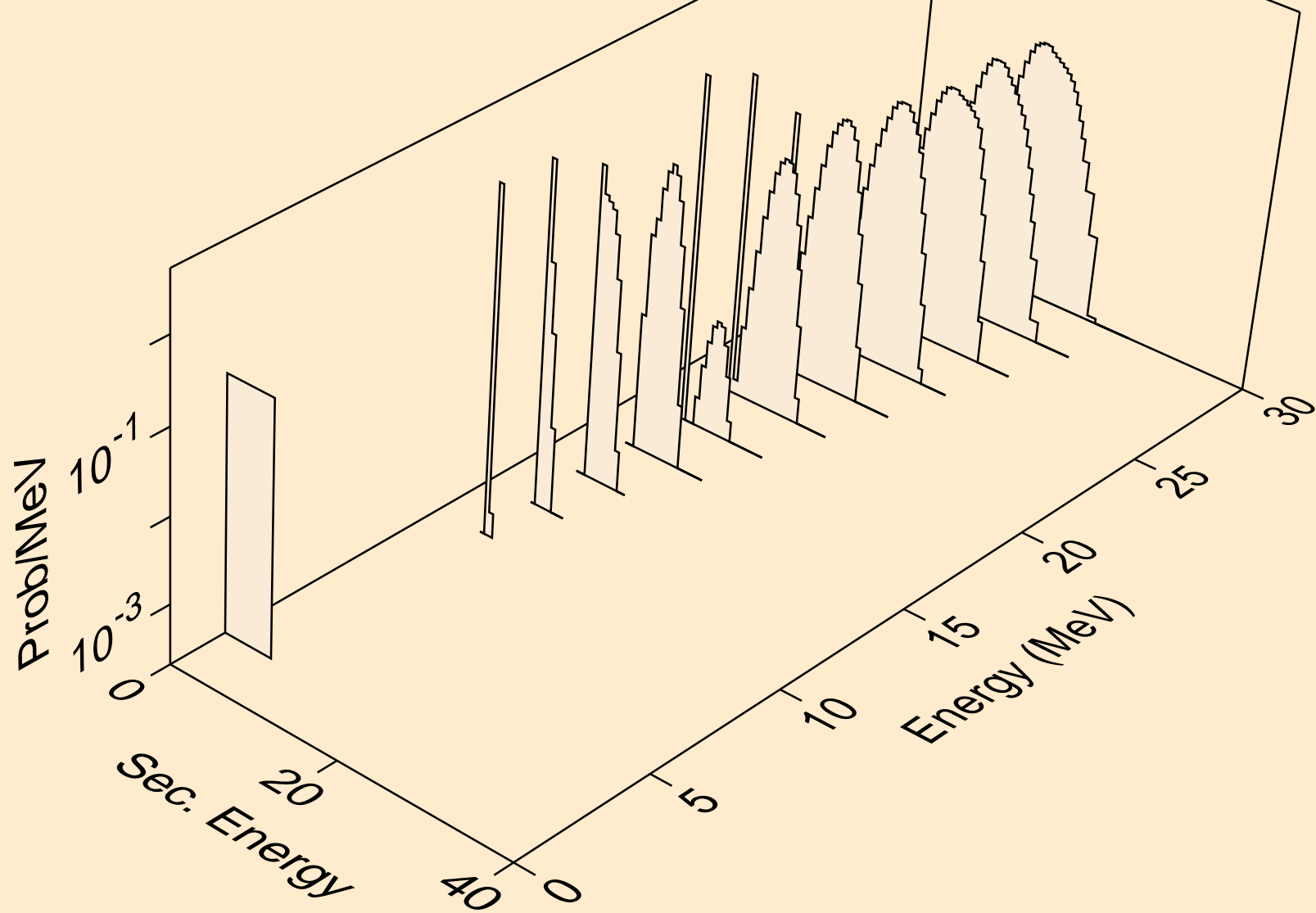
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



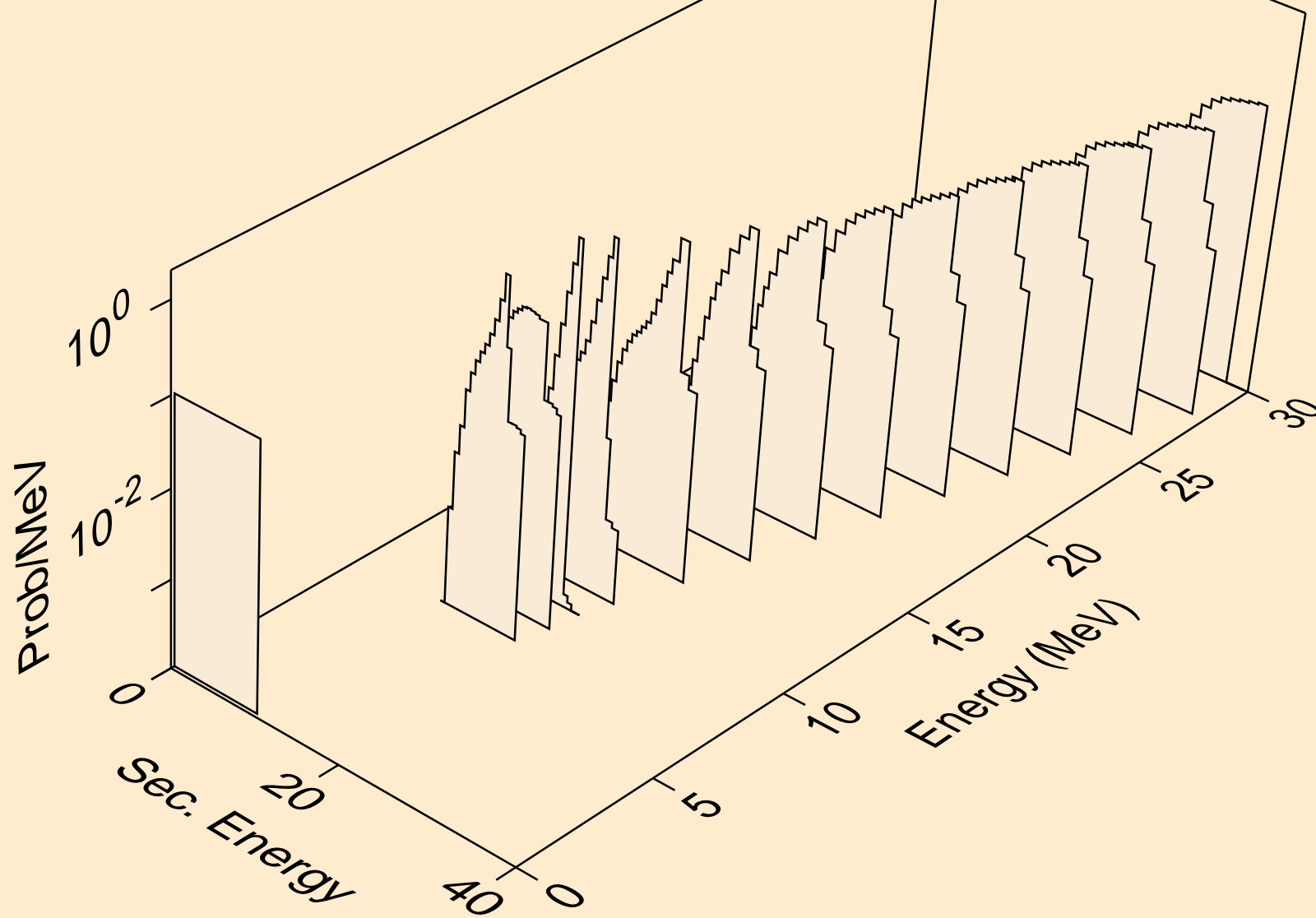
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)2a



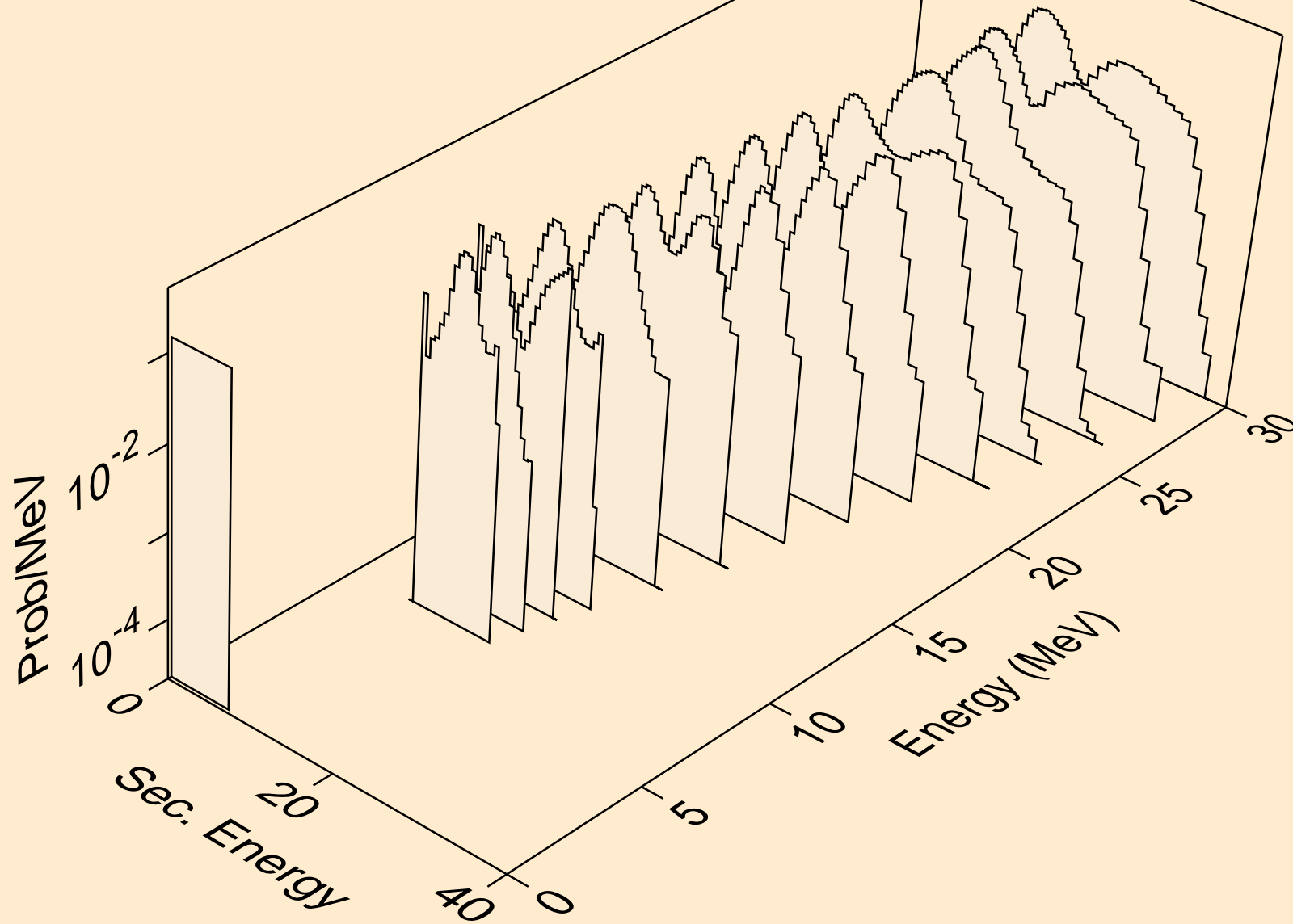
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



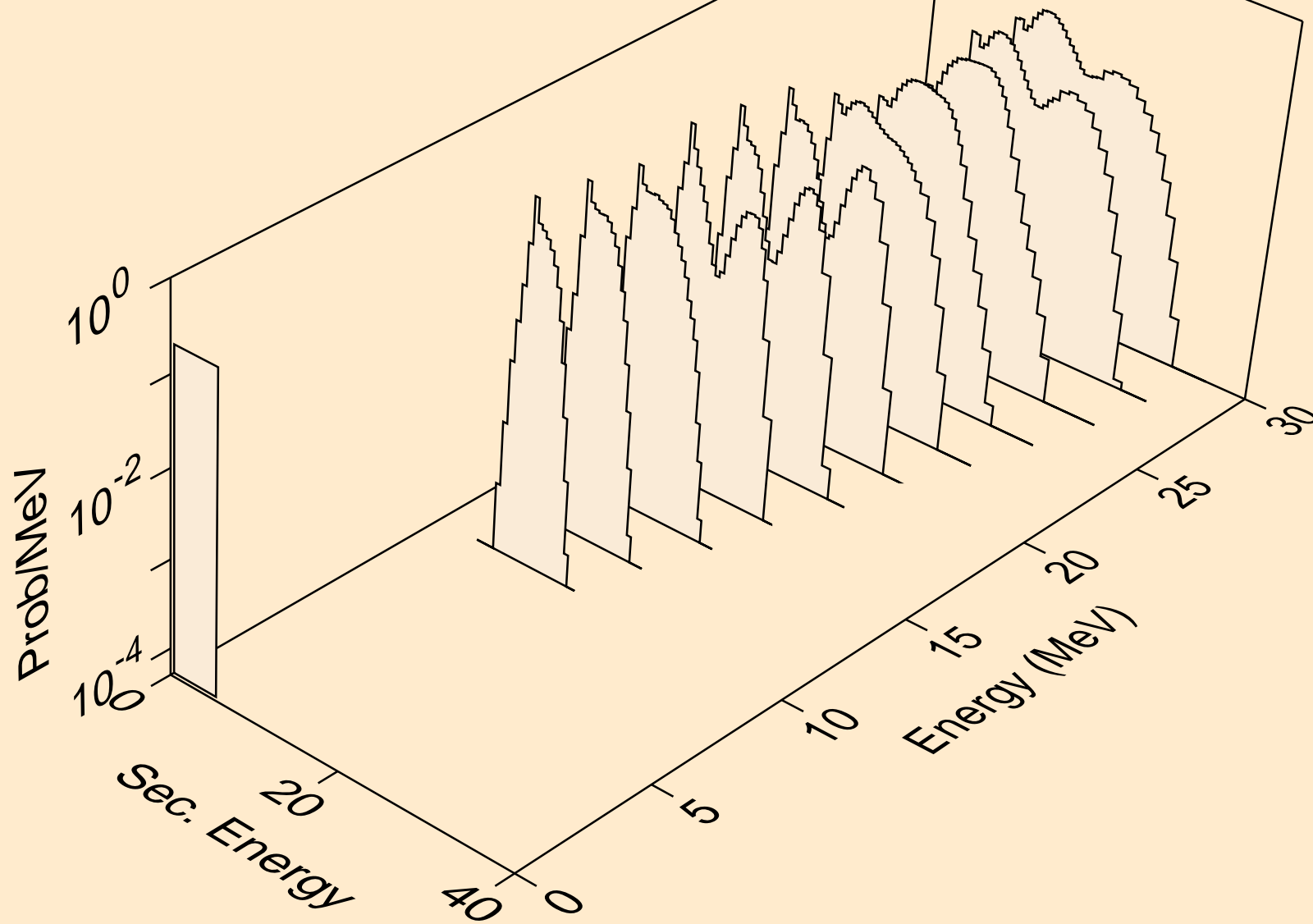
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)

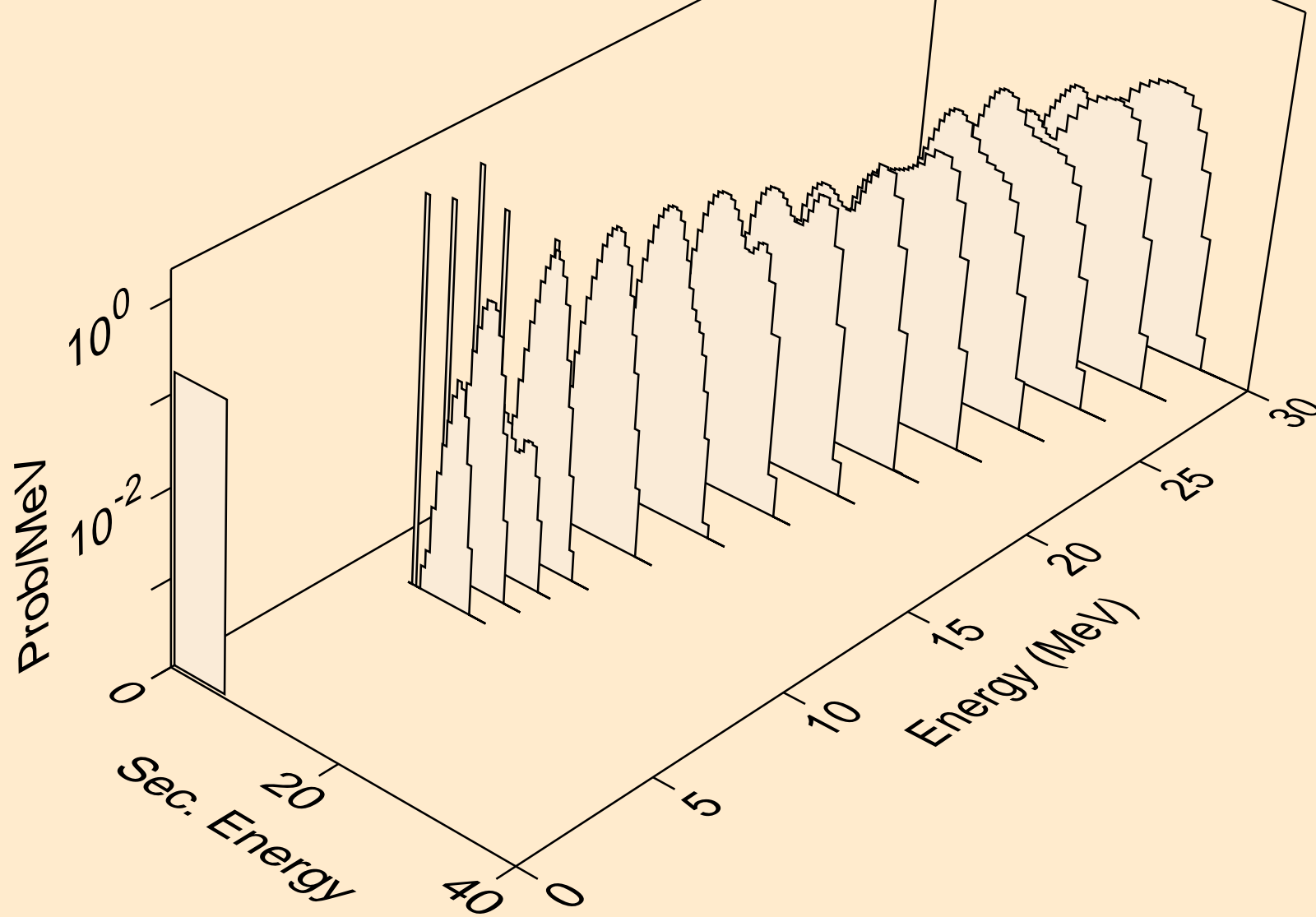


W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)

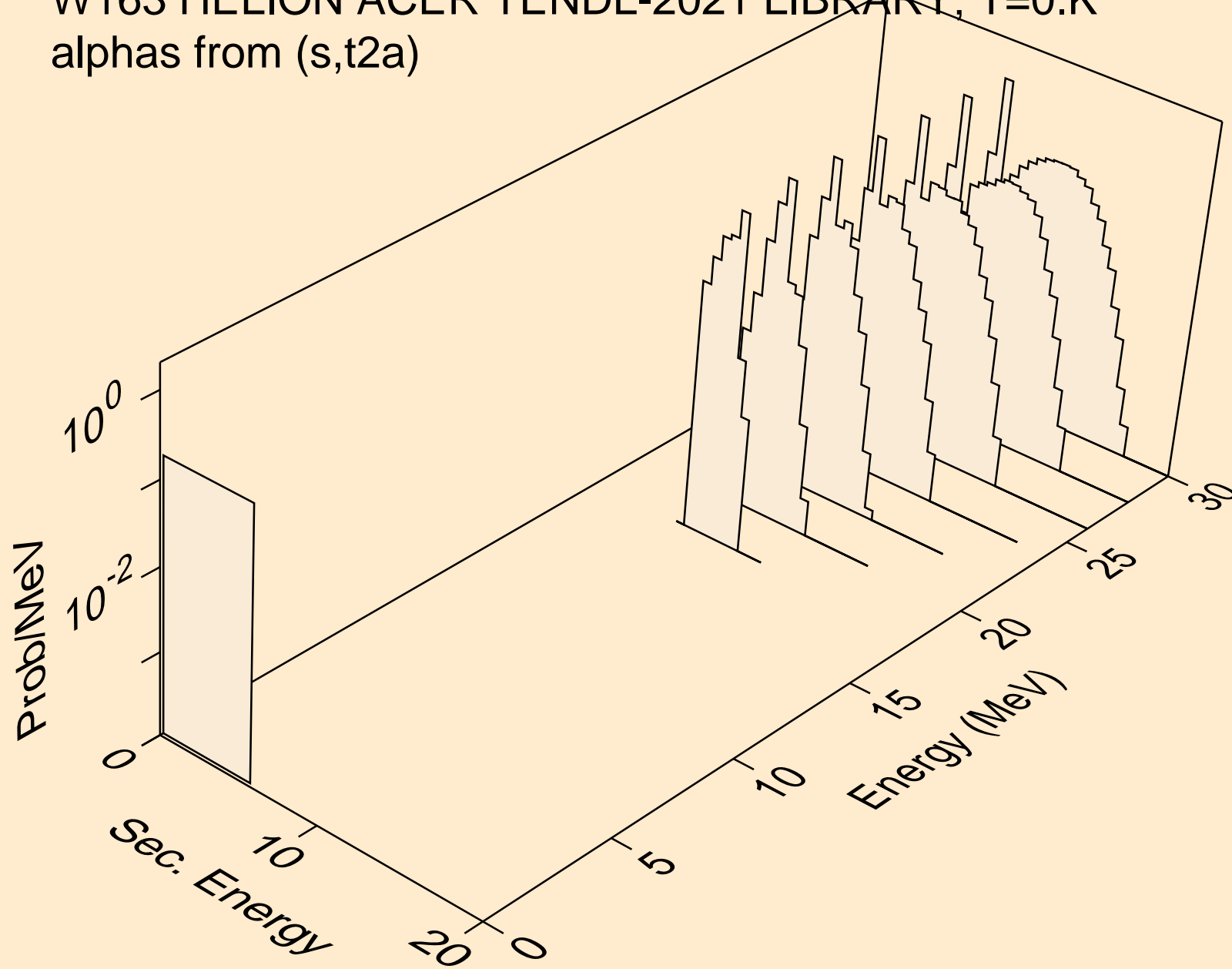




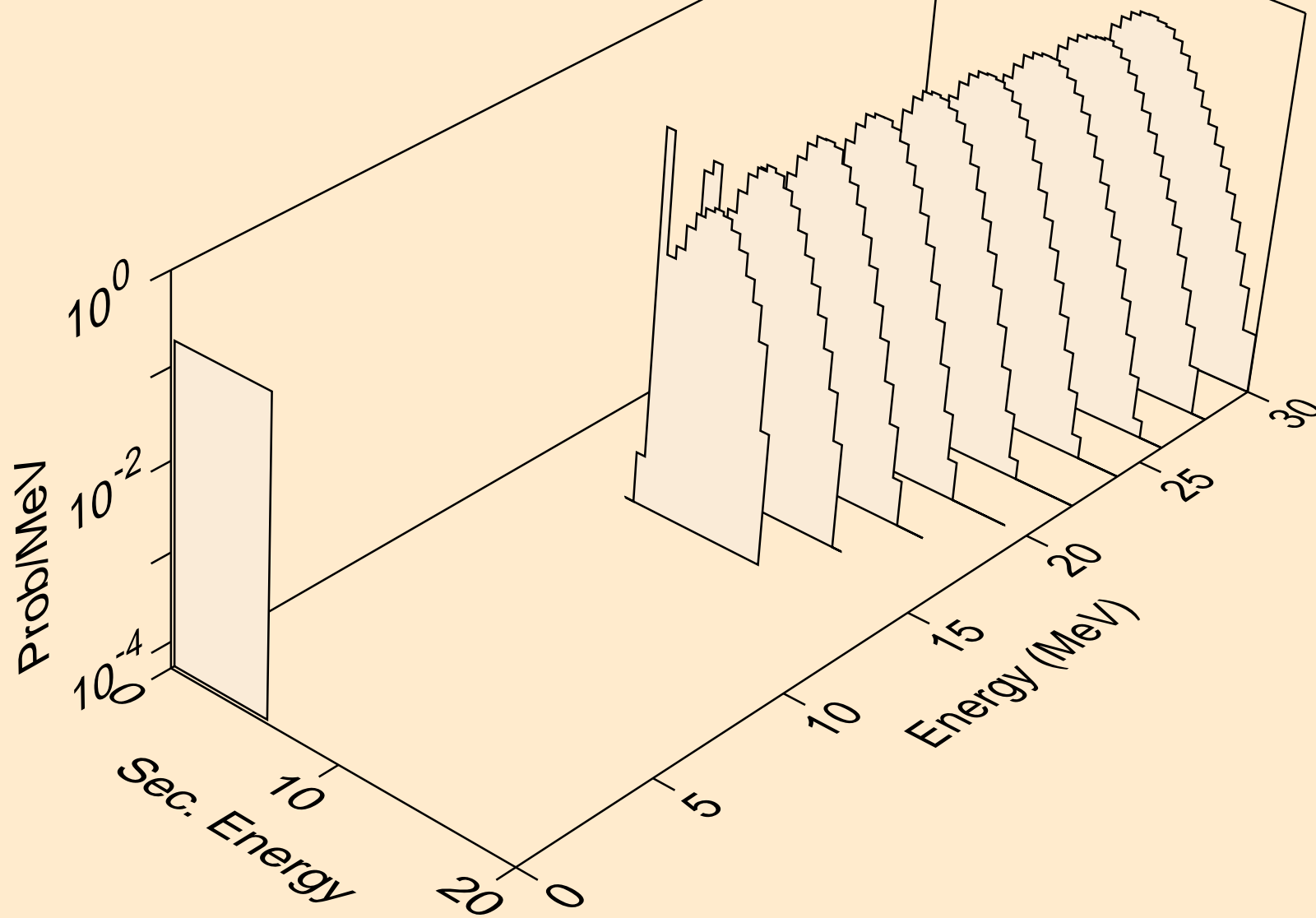
W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



W163 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

