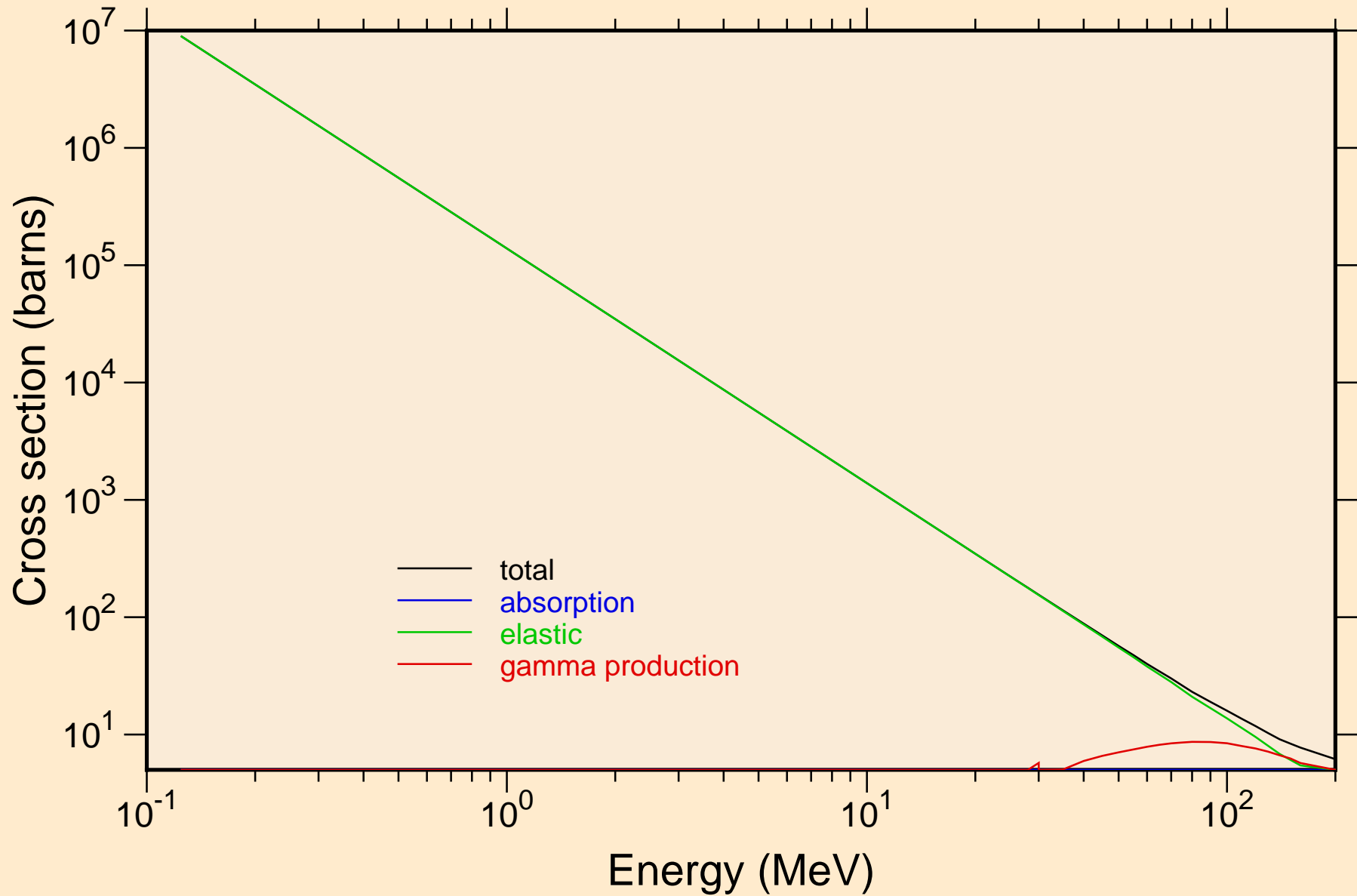


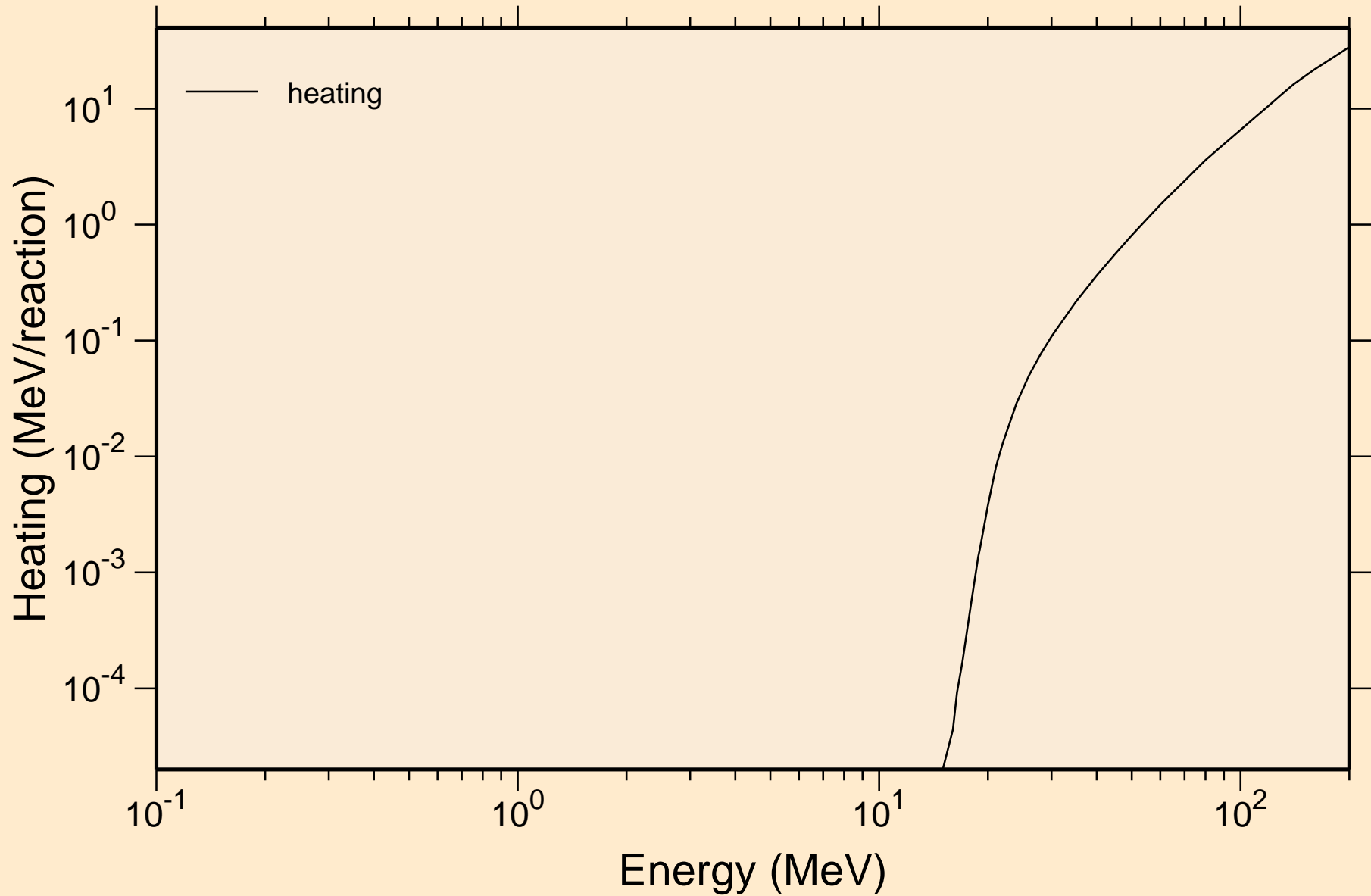
# W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



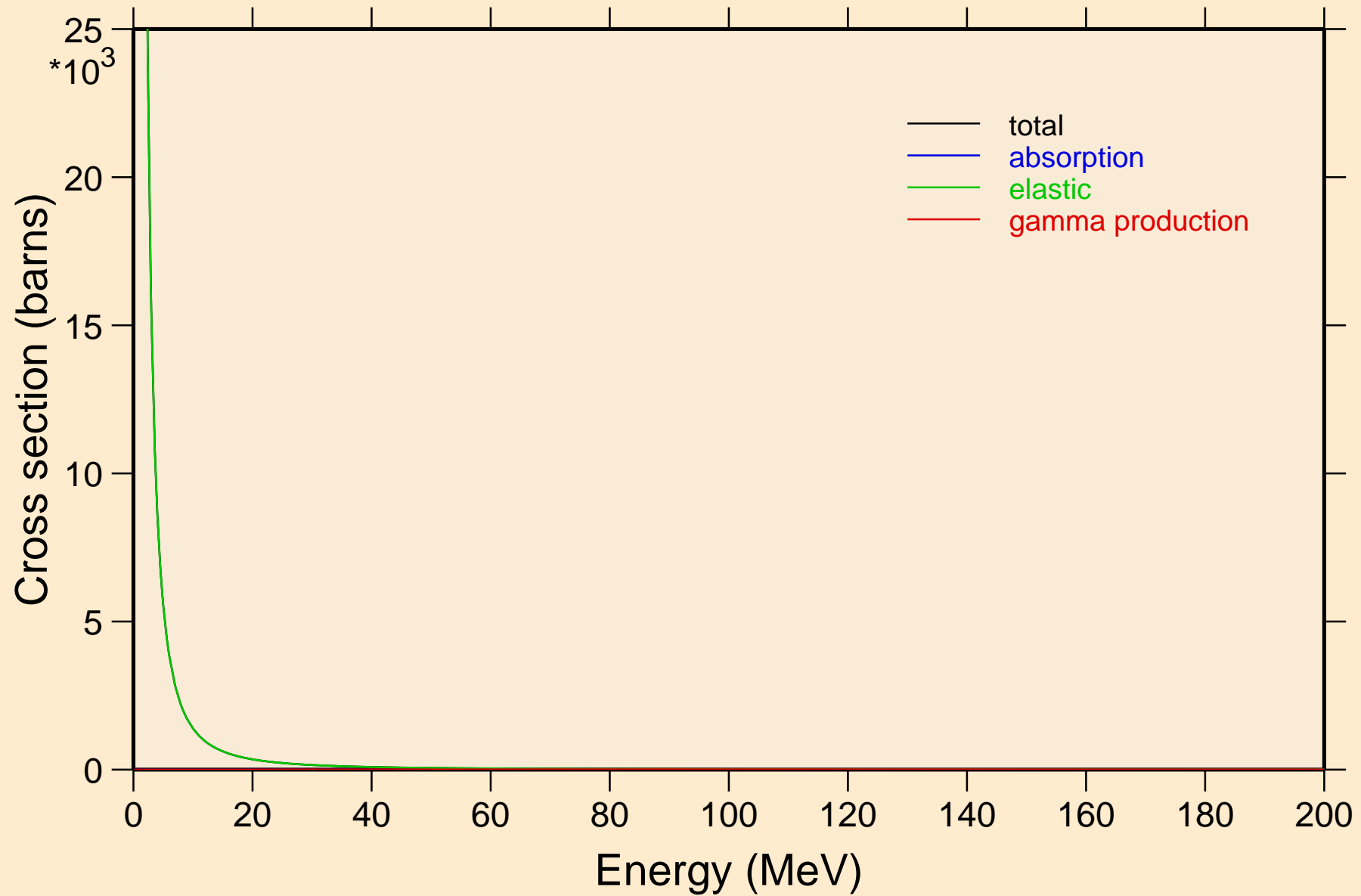
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



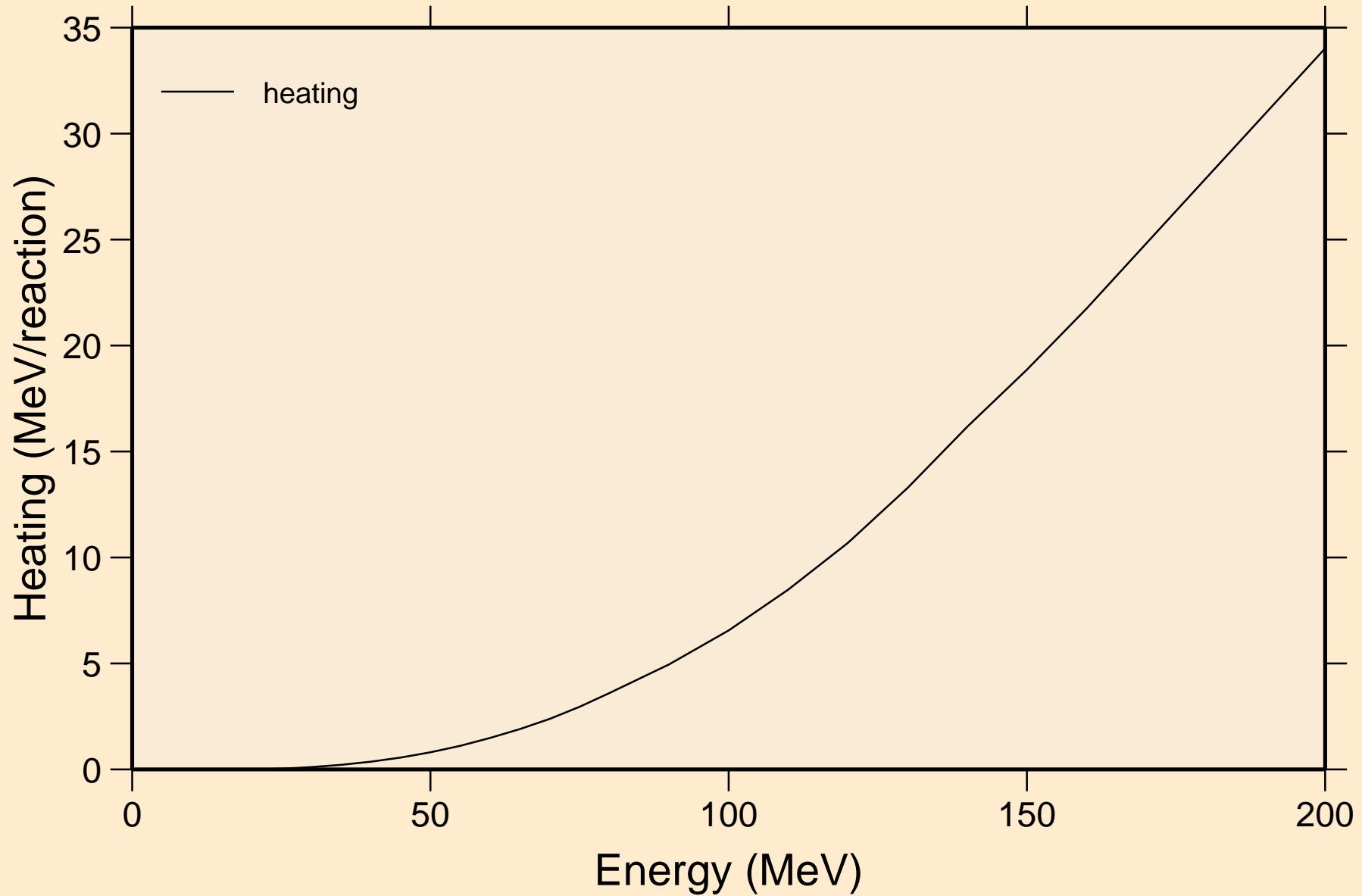
# W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

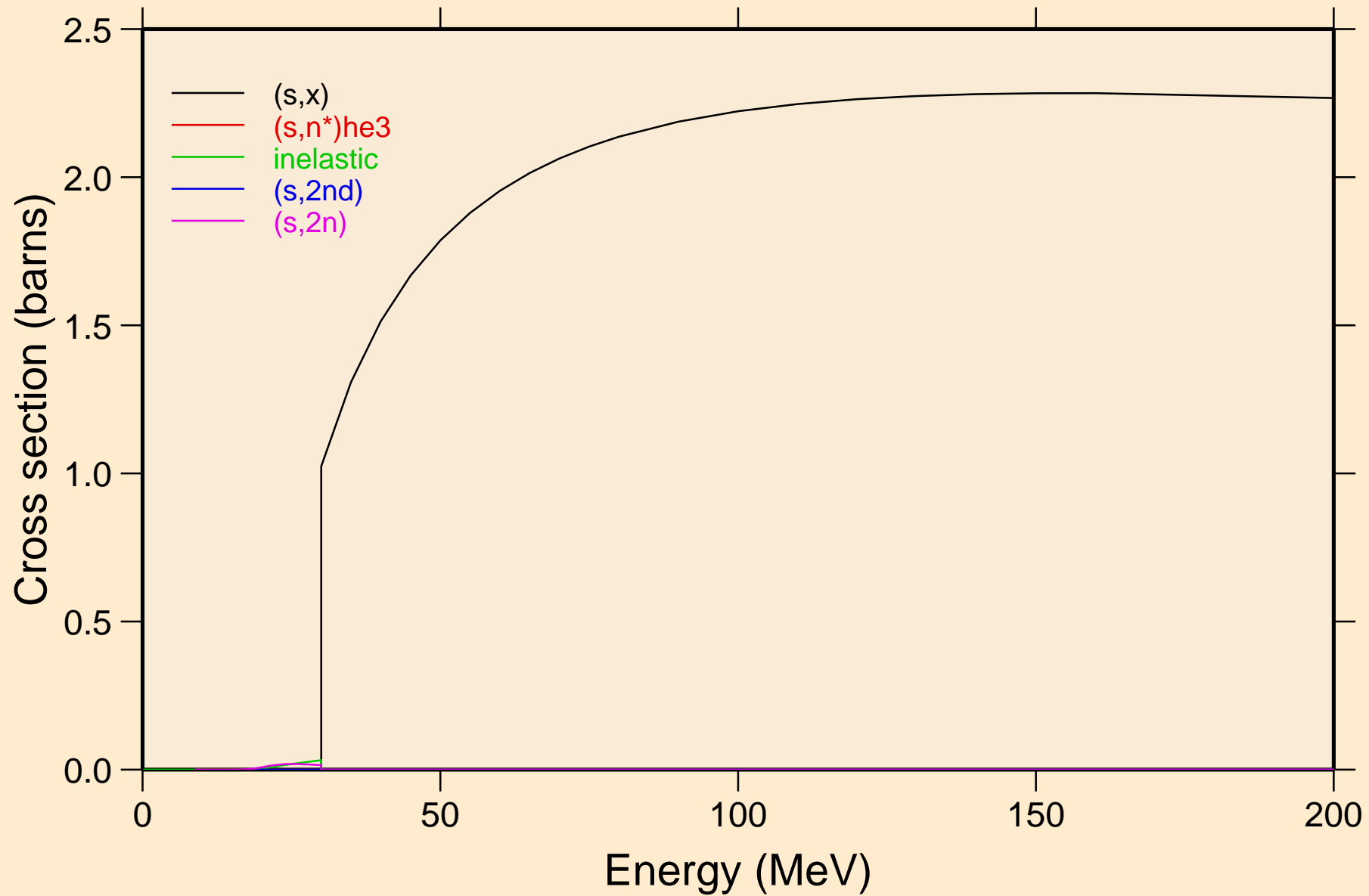


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

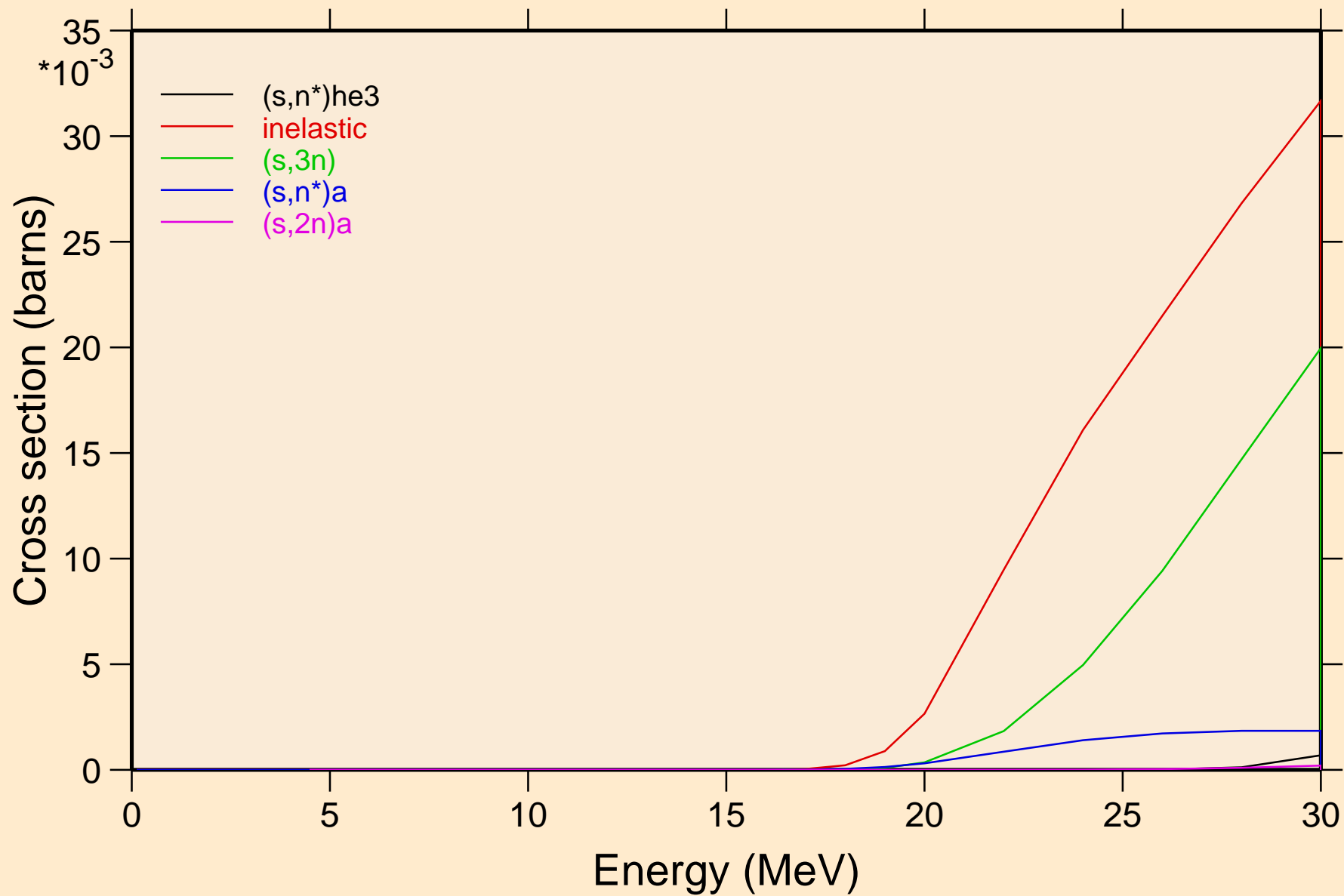
Heating



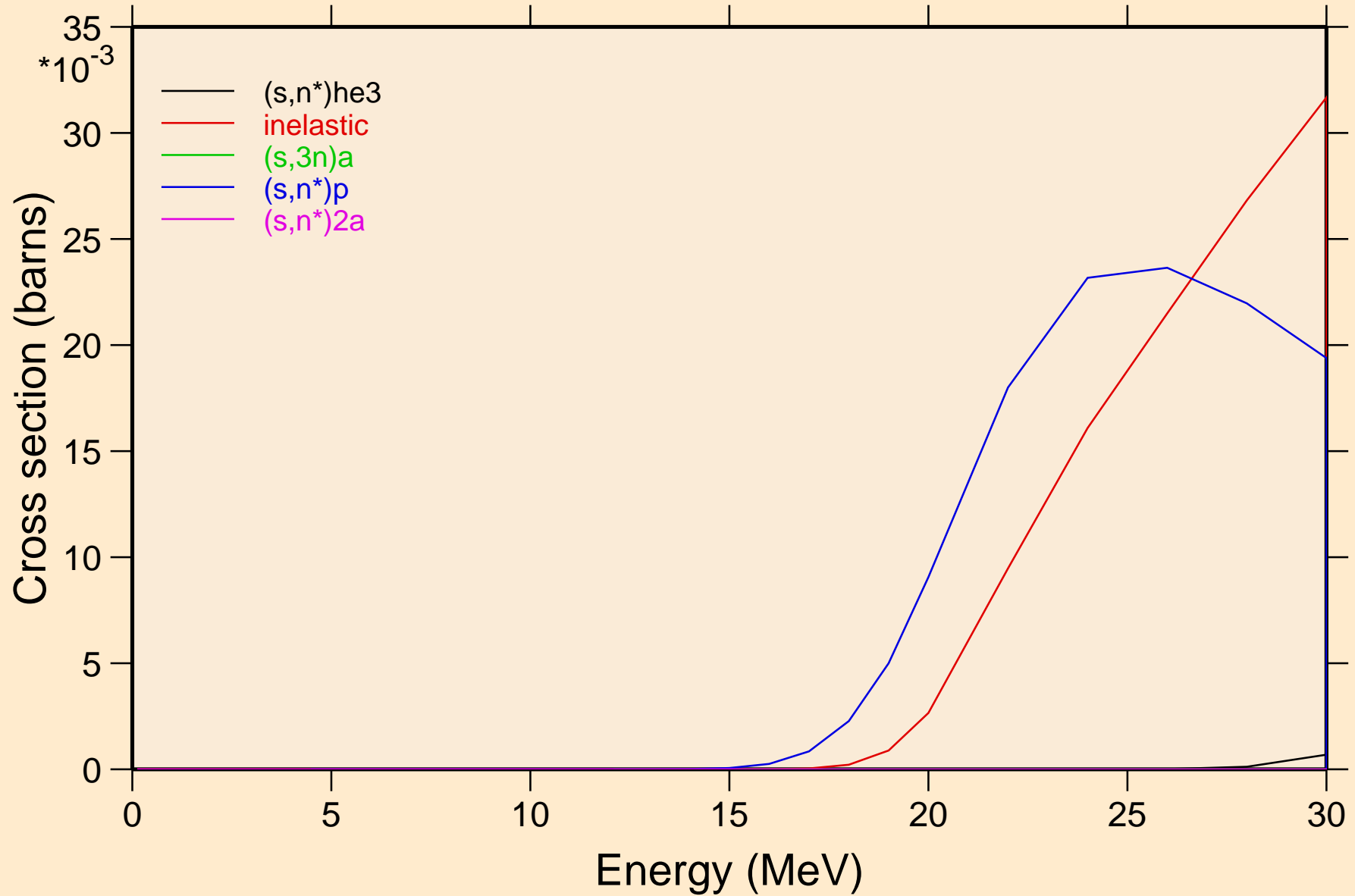
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



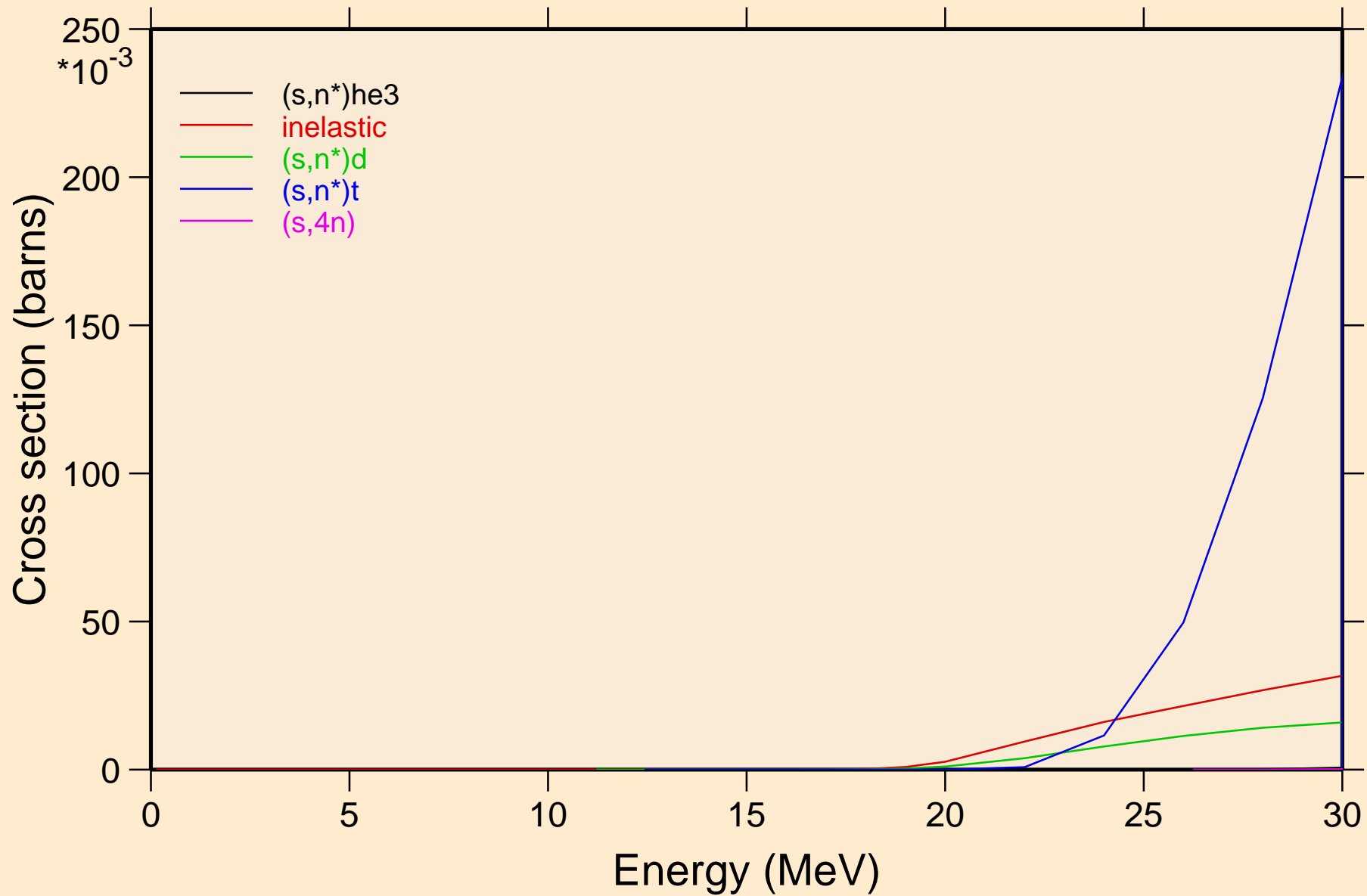
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

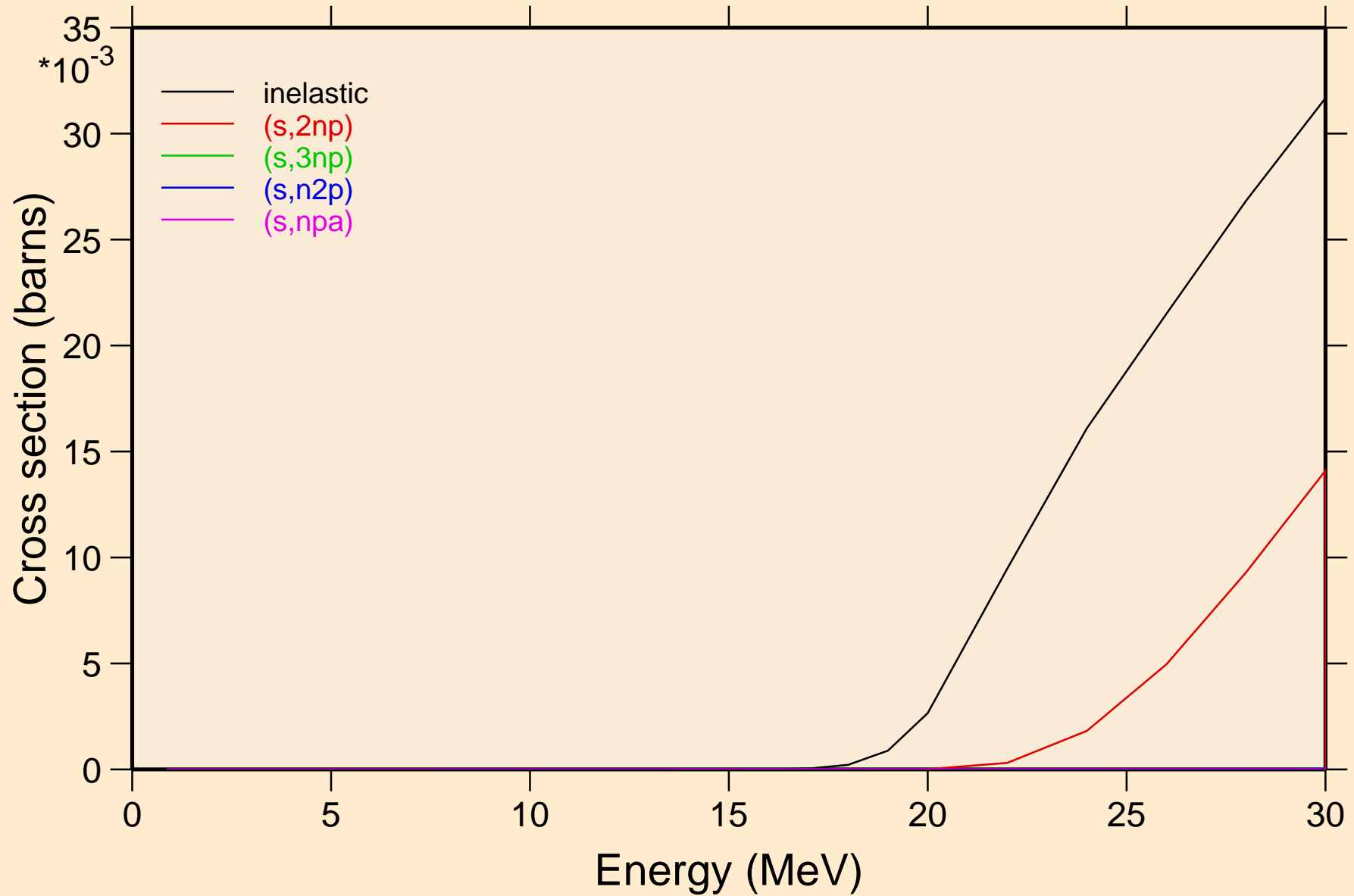


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

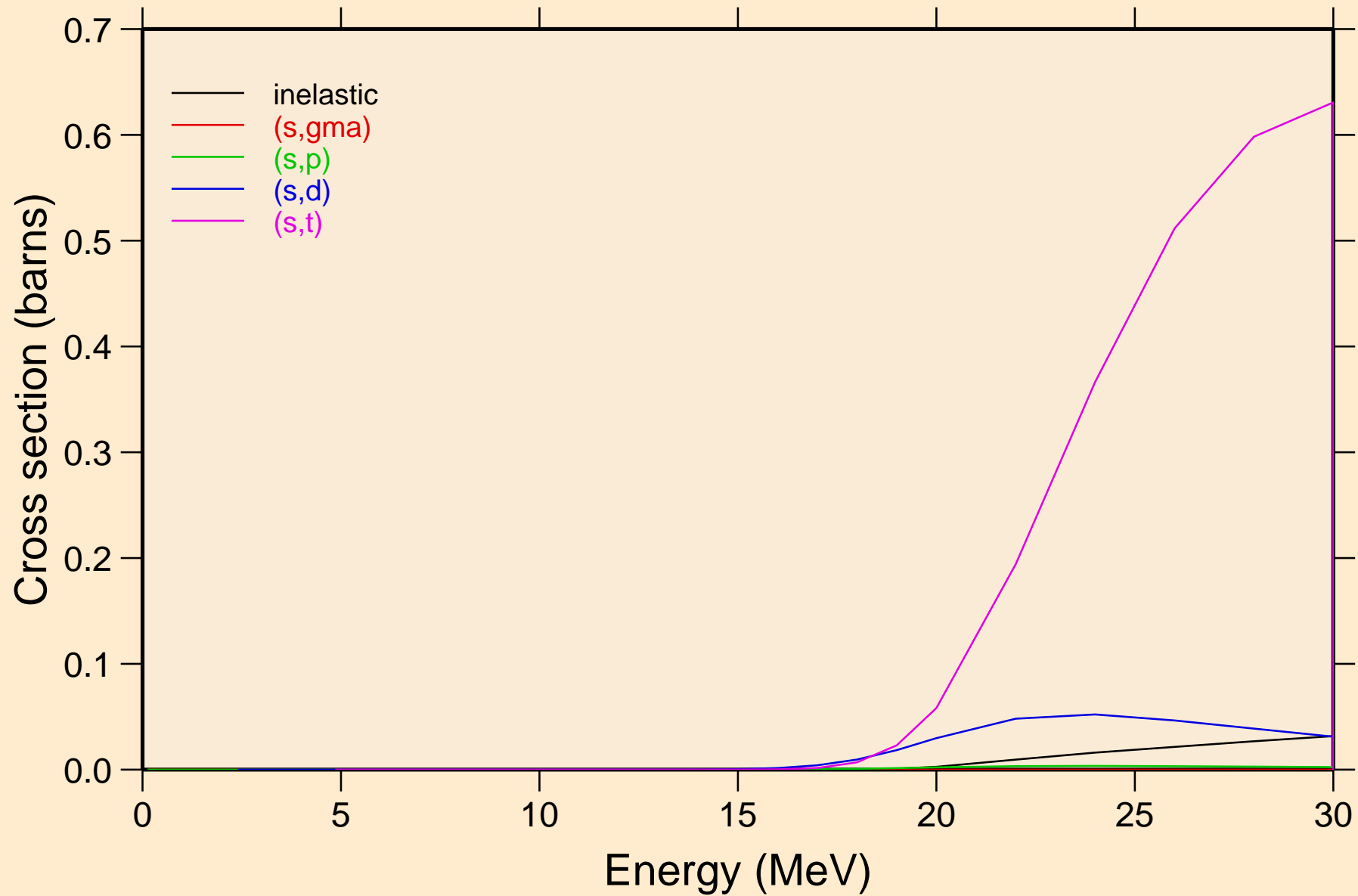




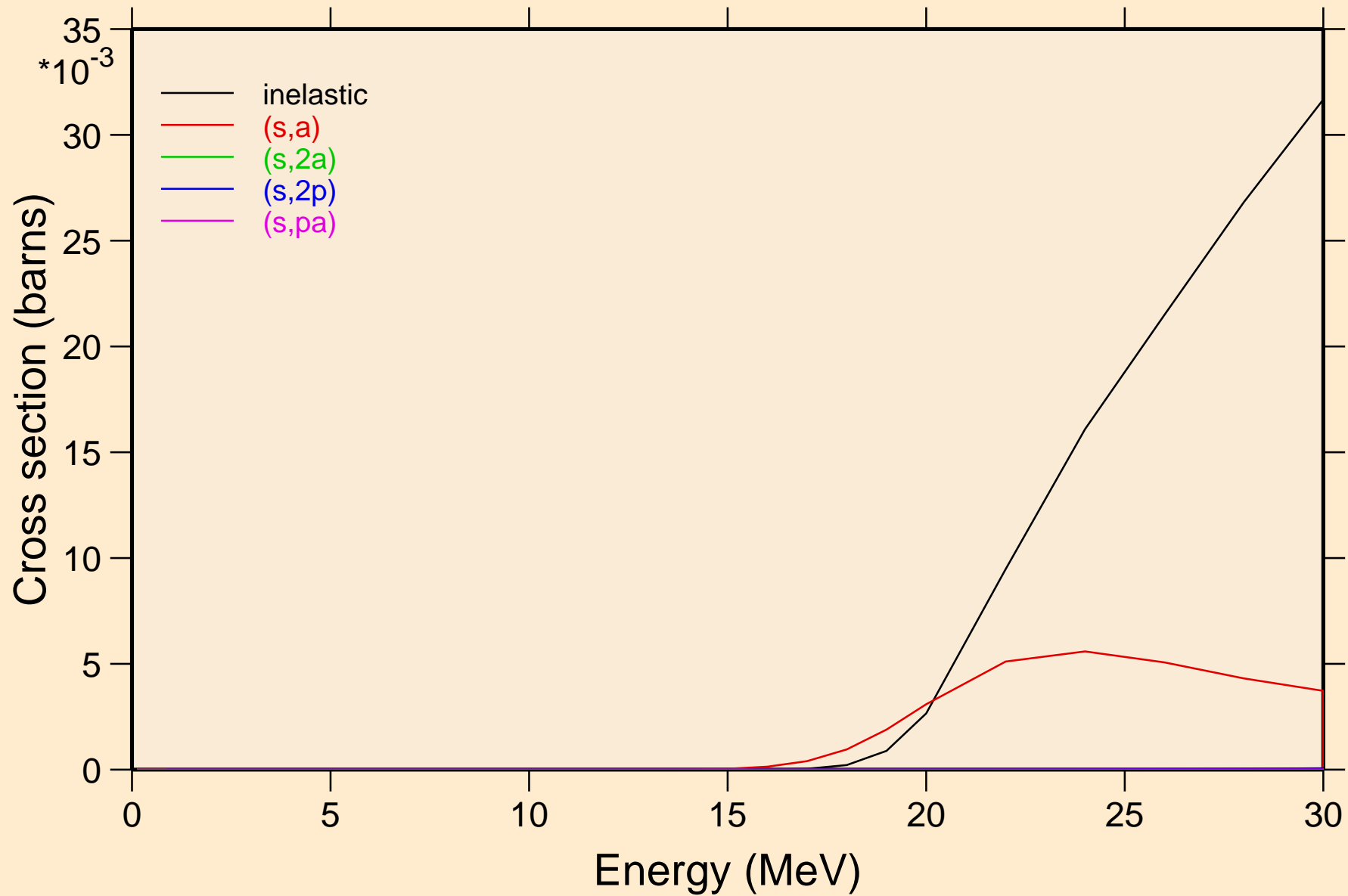
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



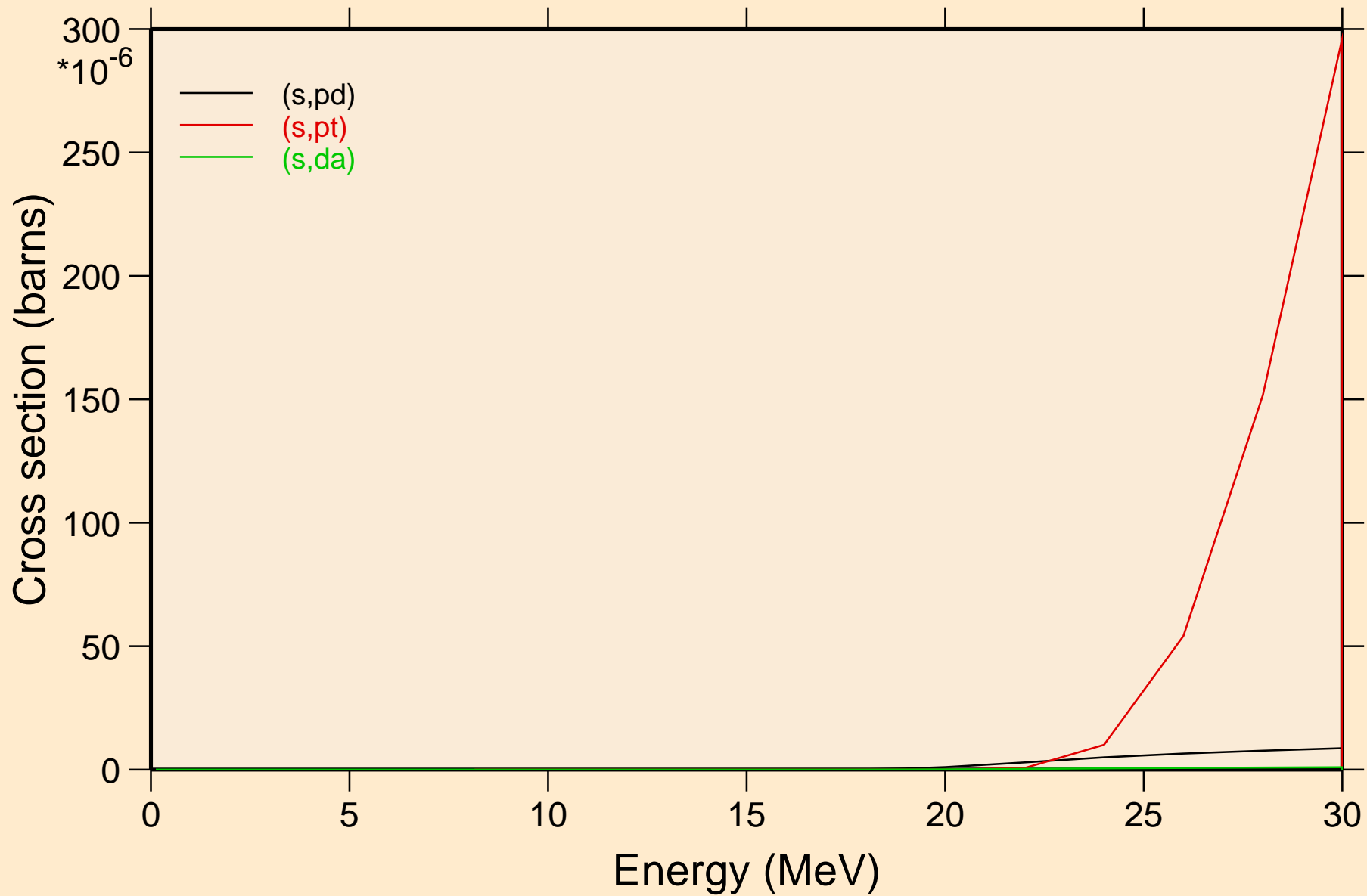
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



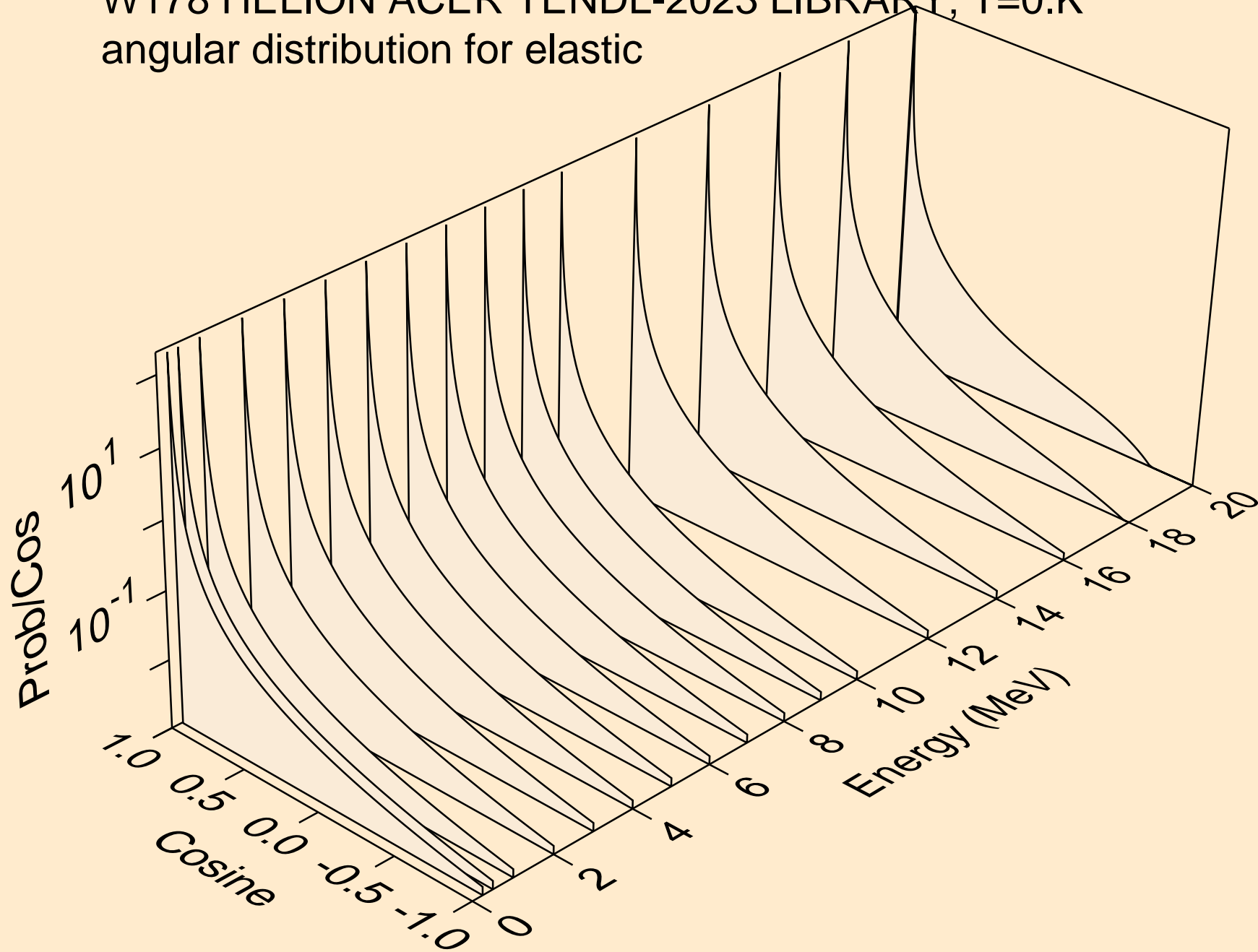
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



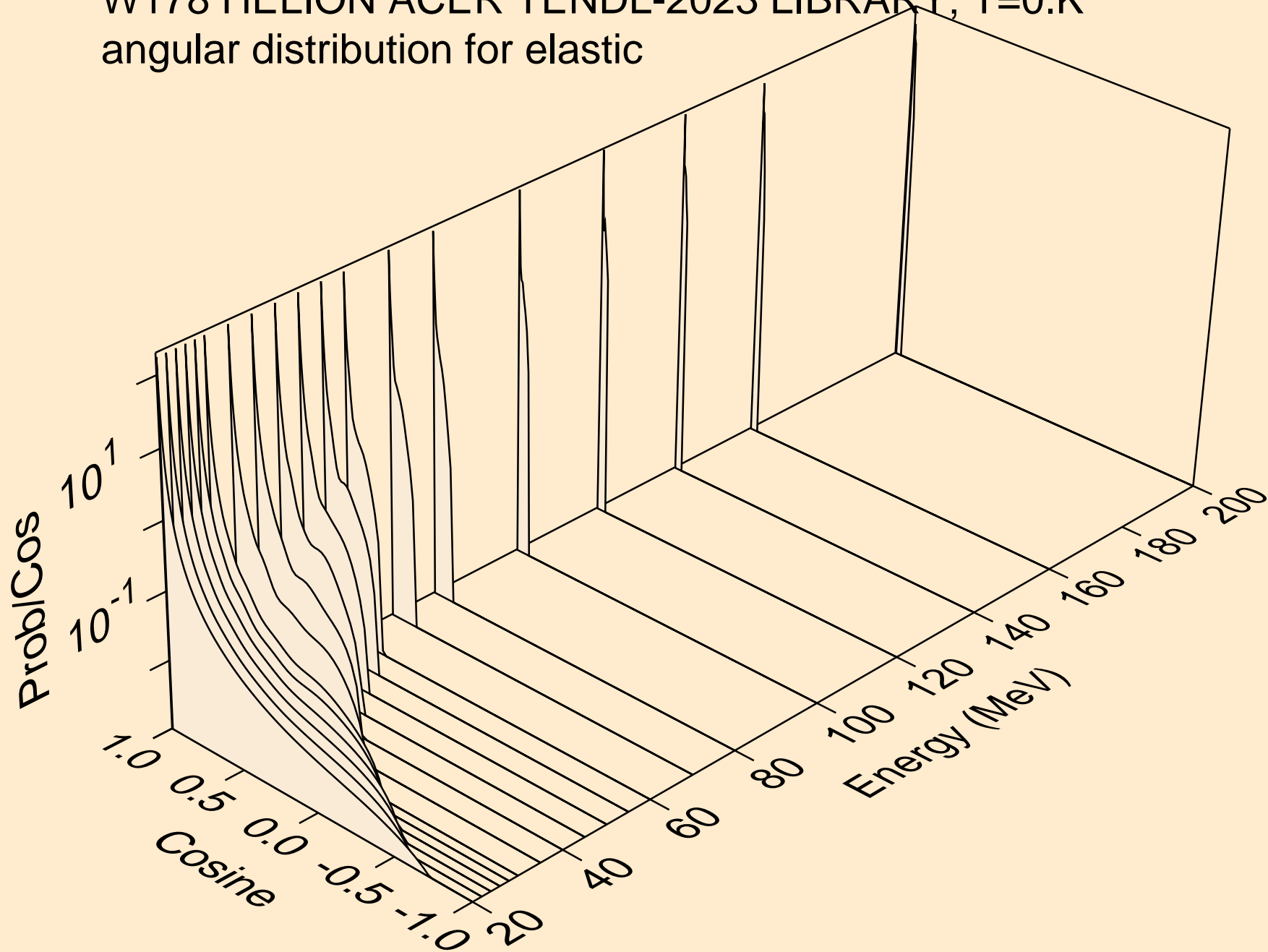
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



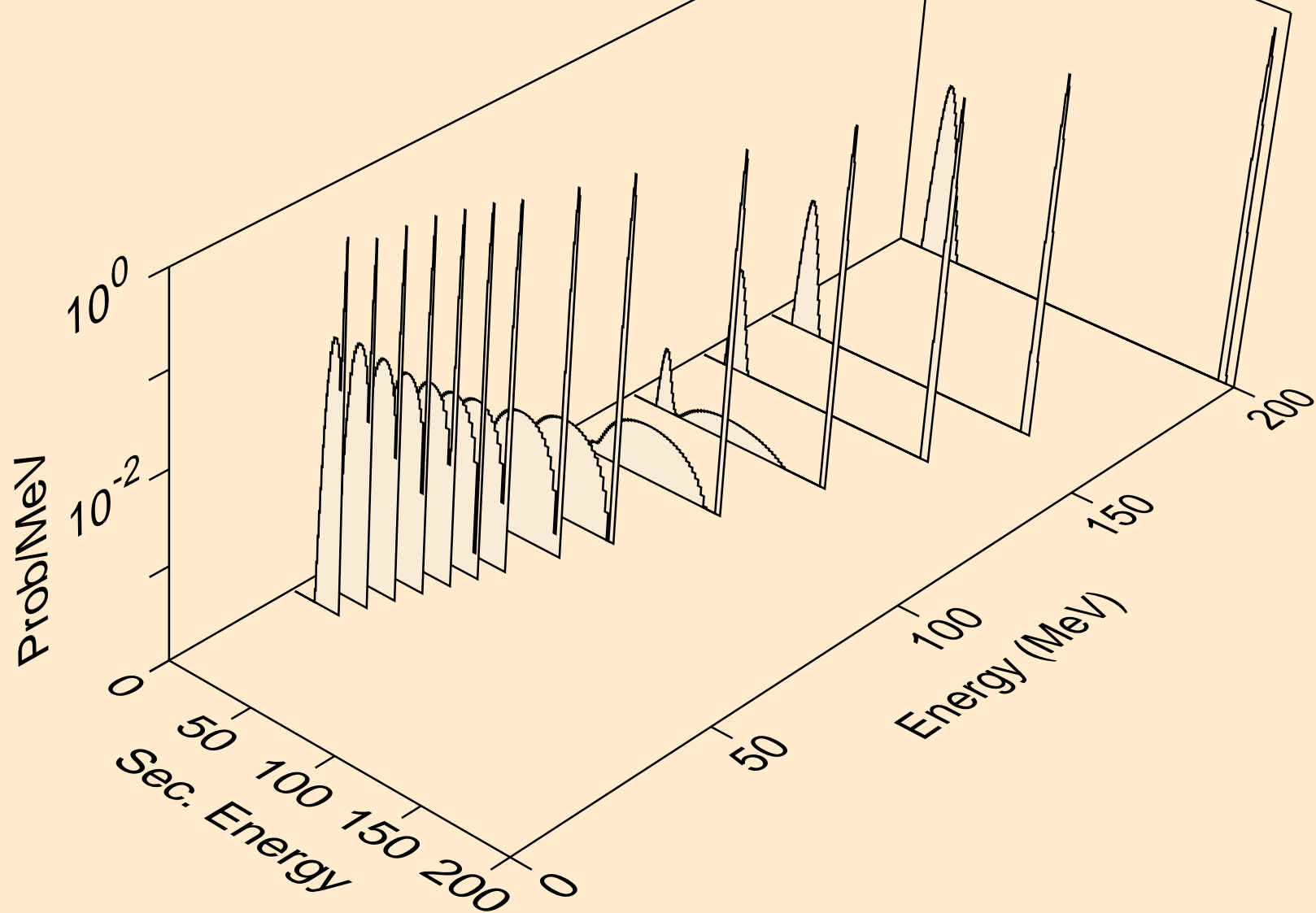
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



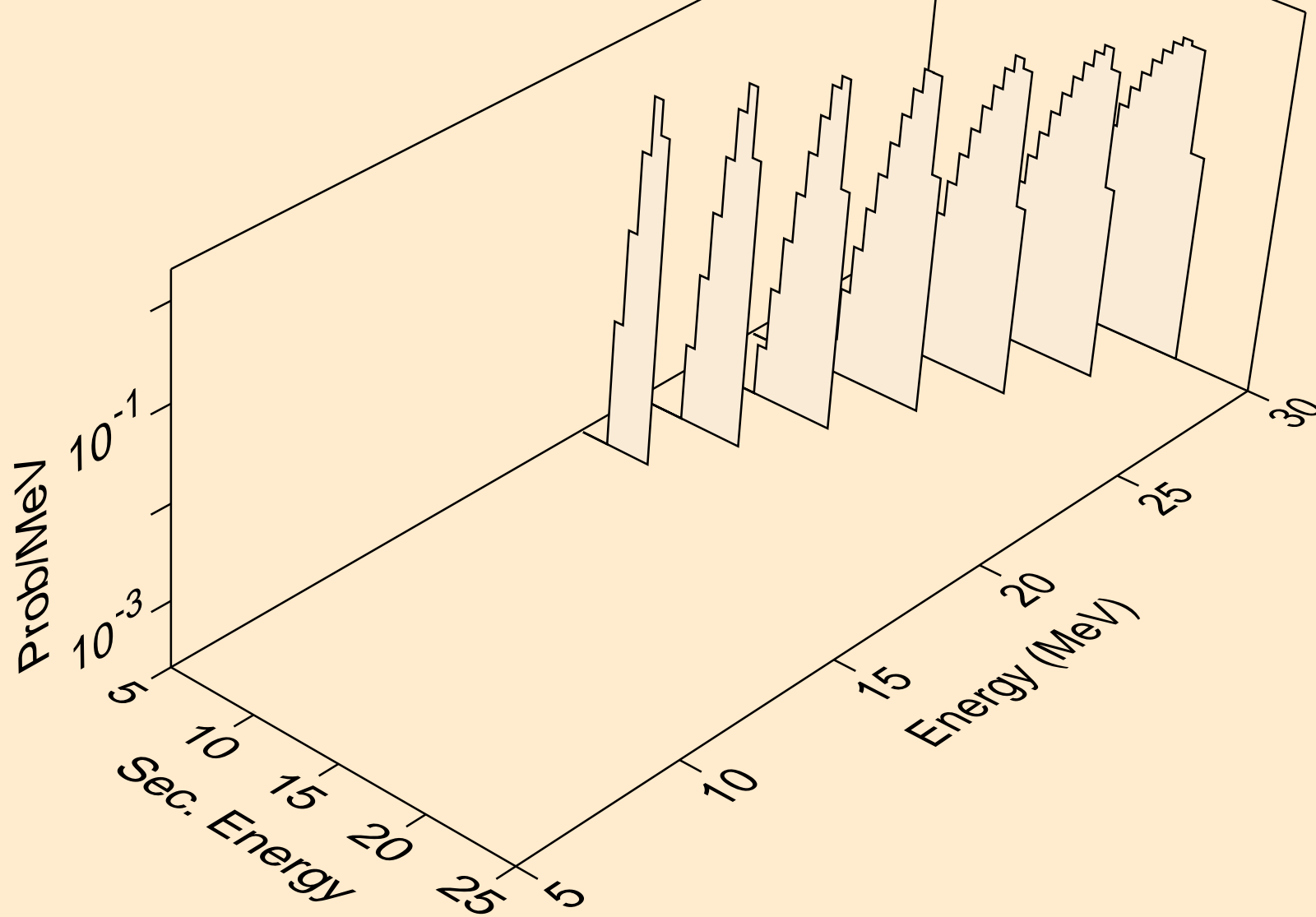
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

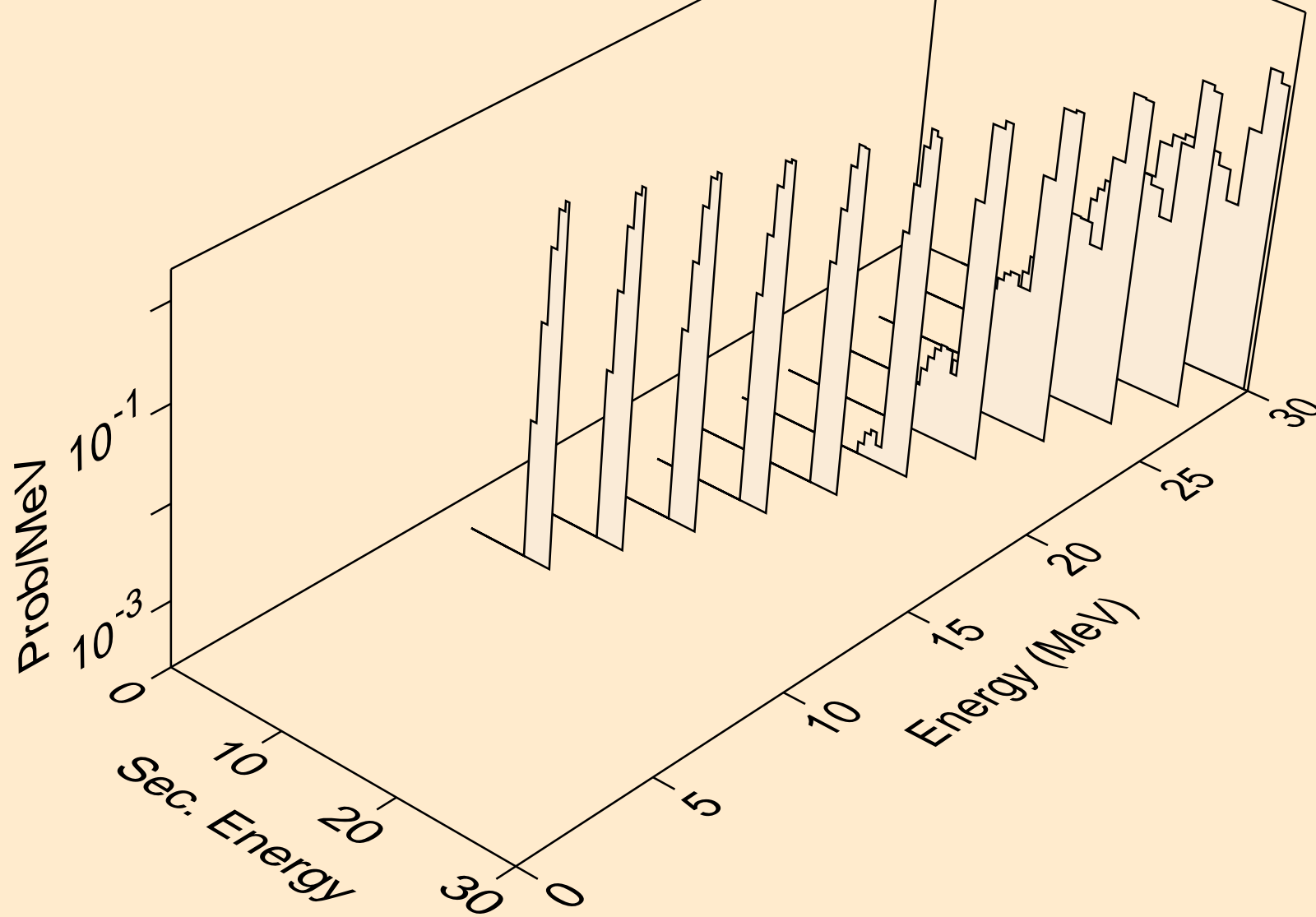


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

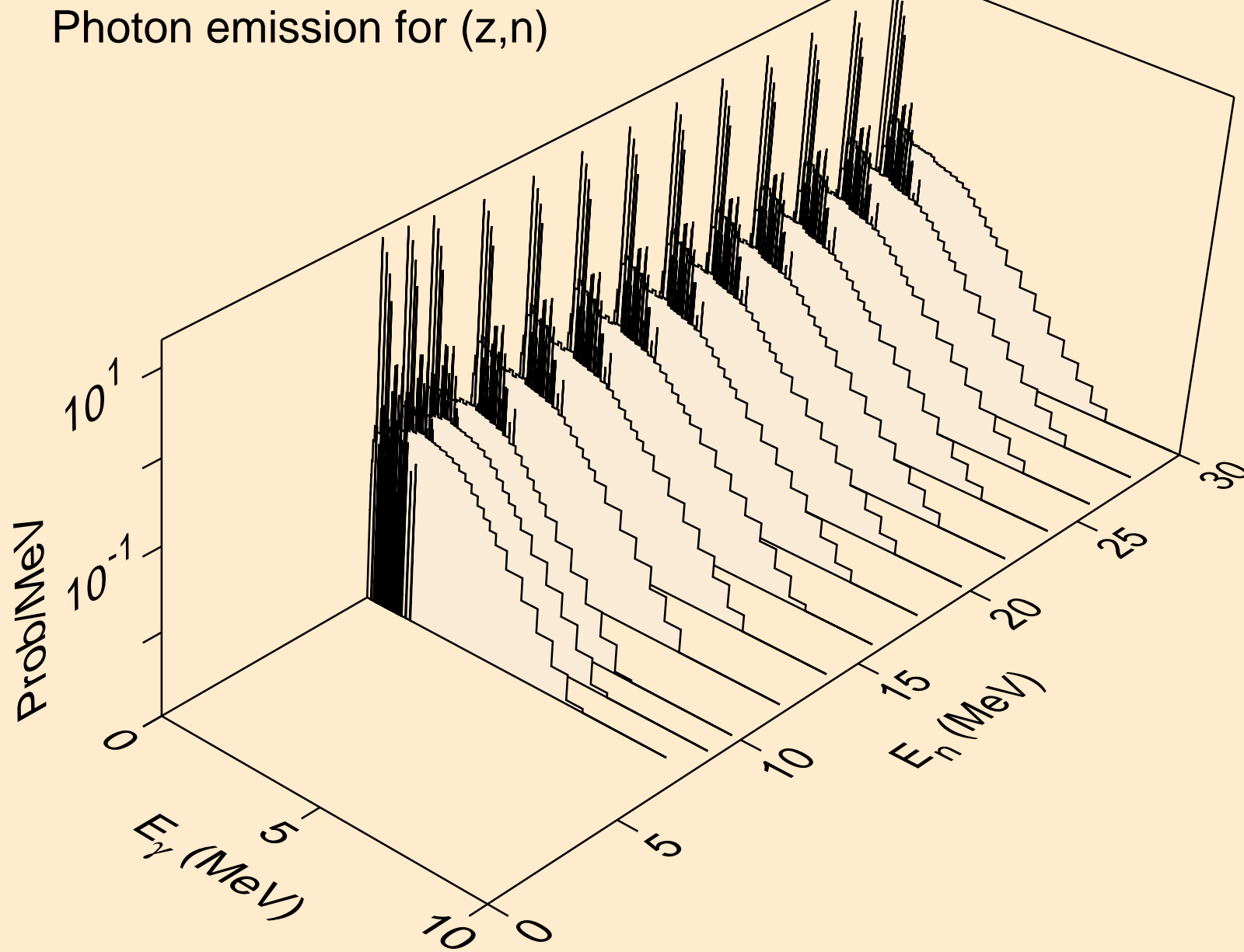




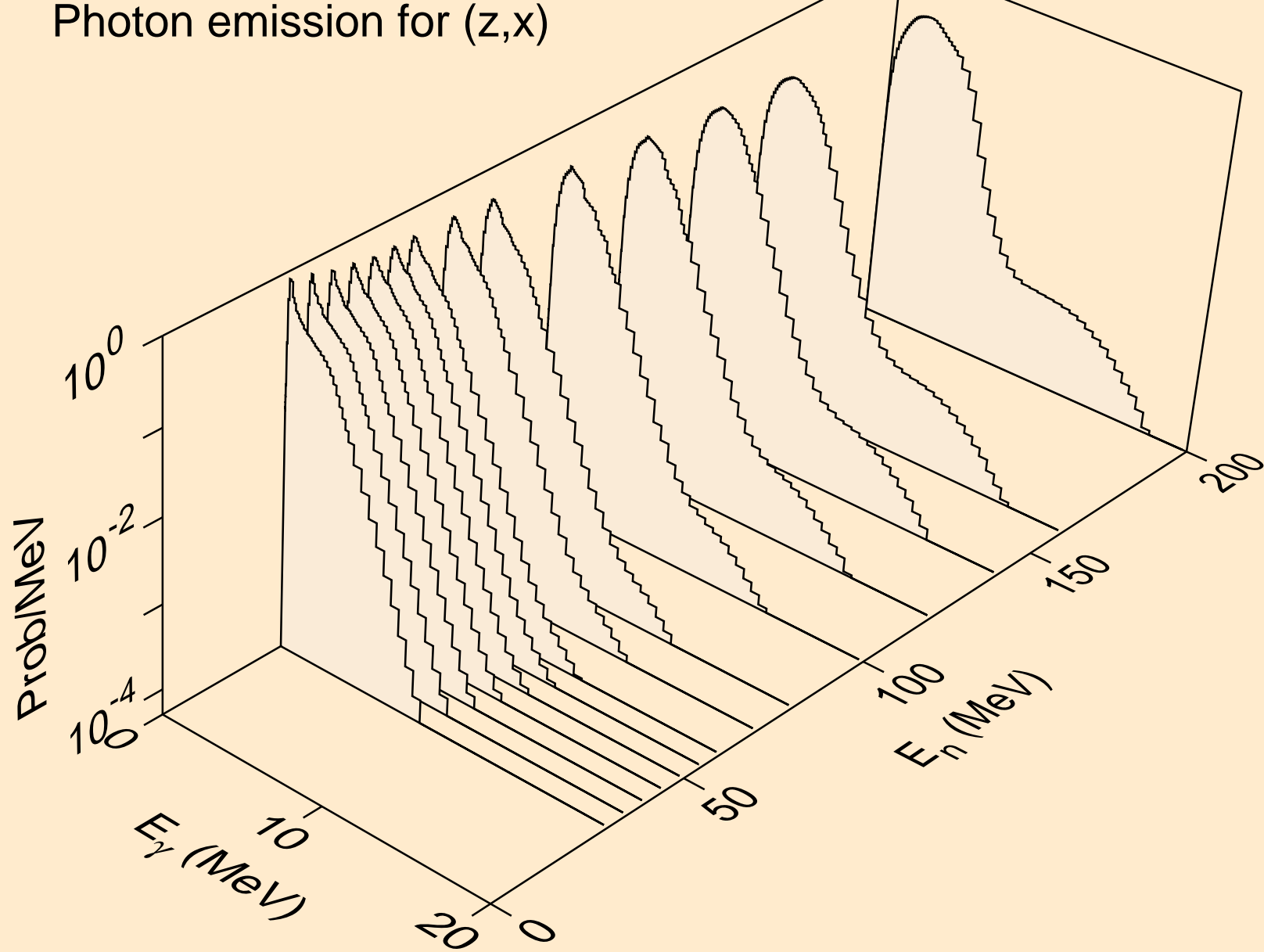
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



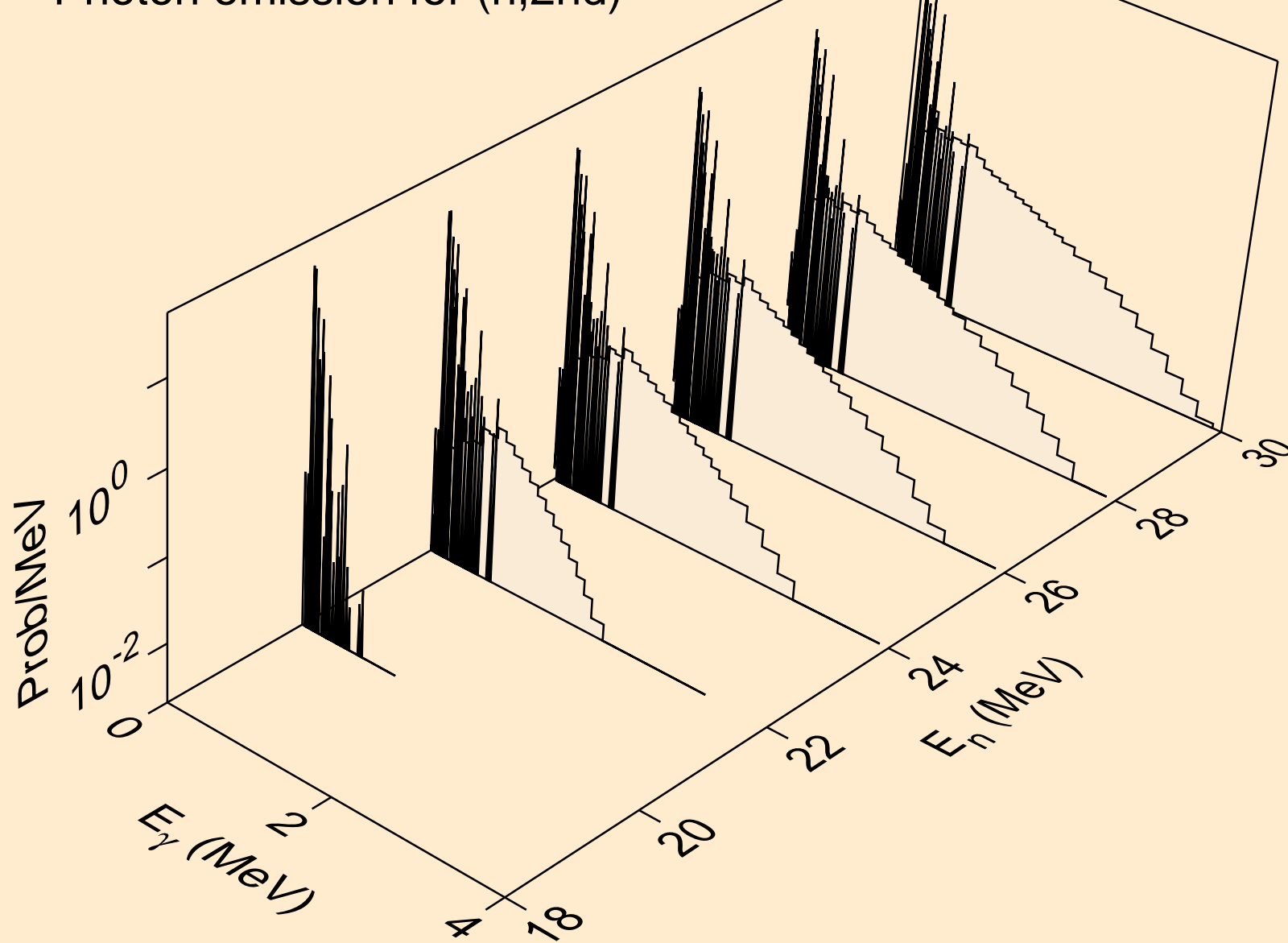
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



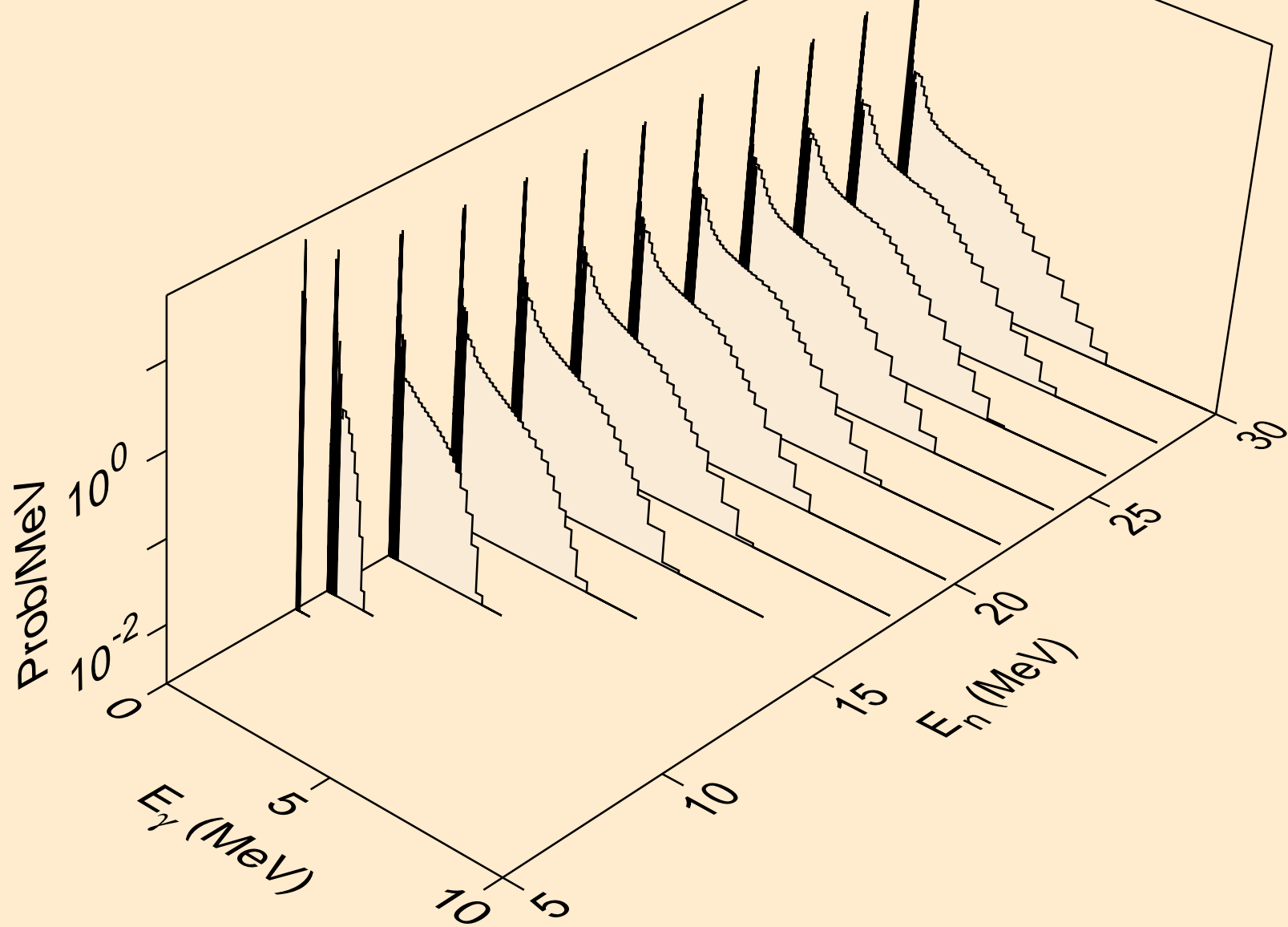
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



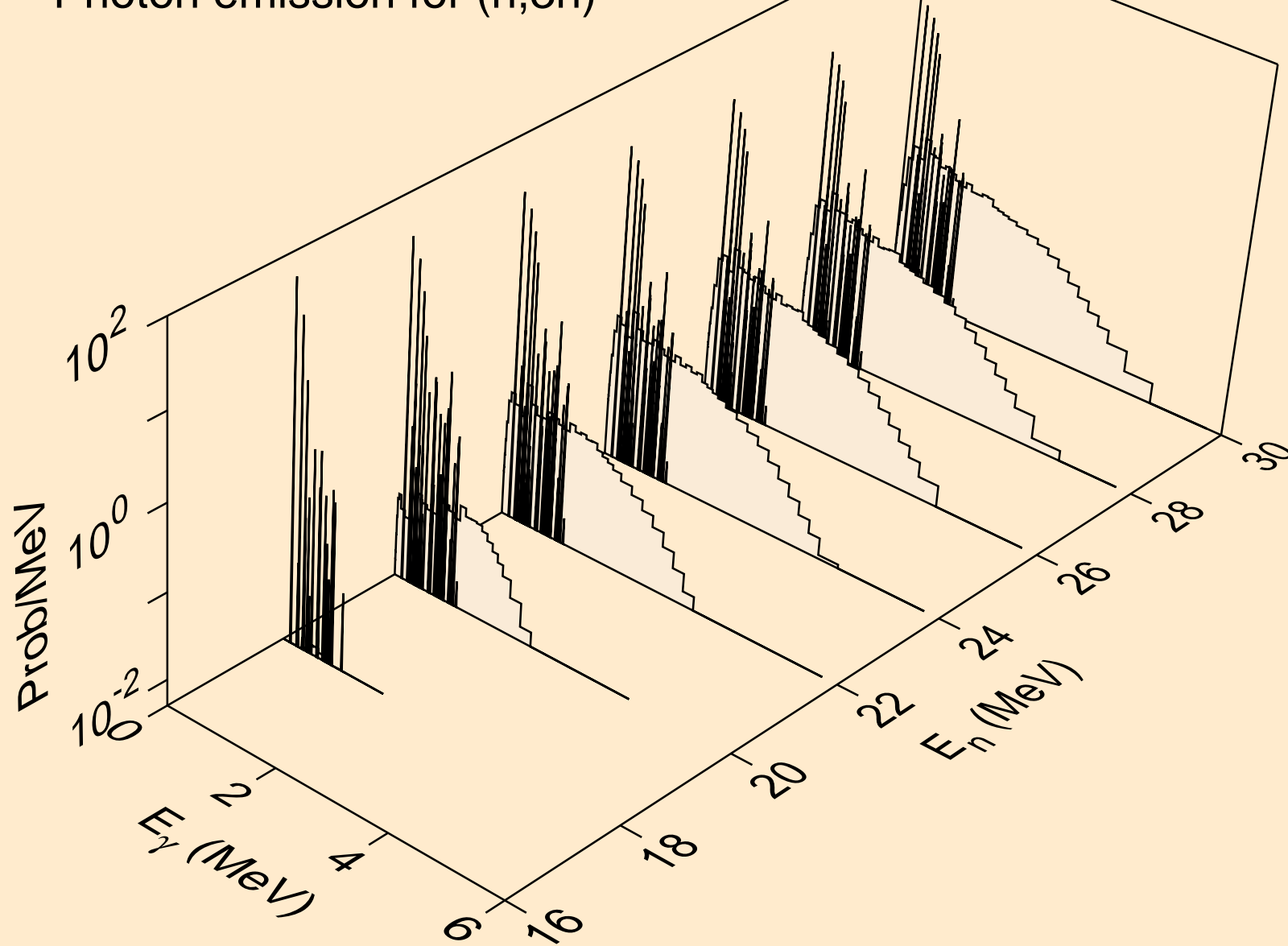
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



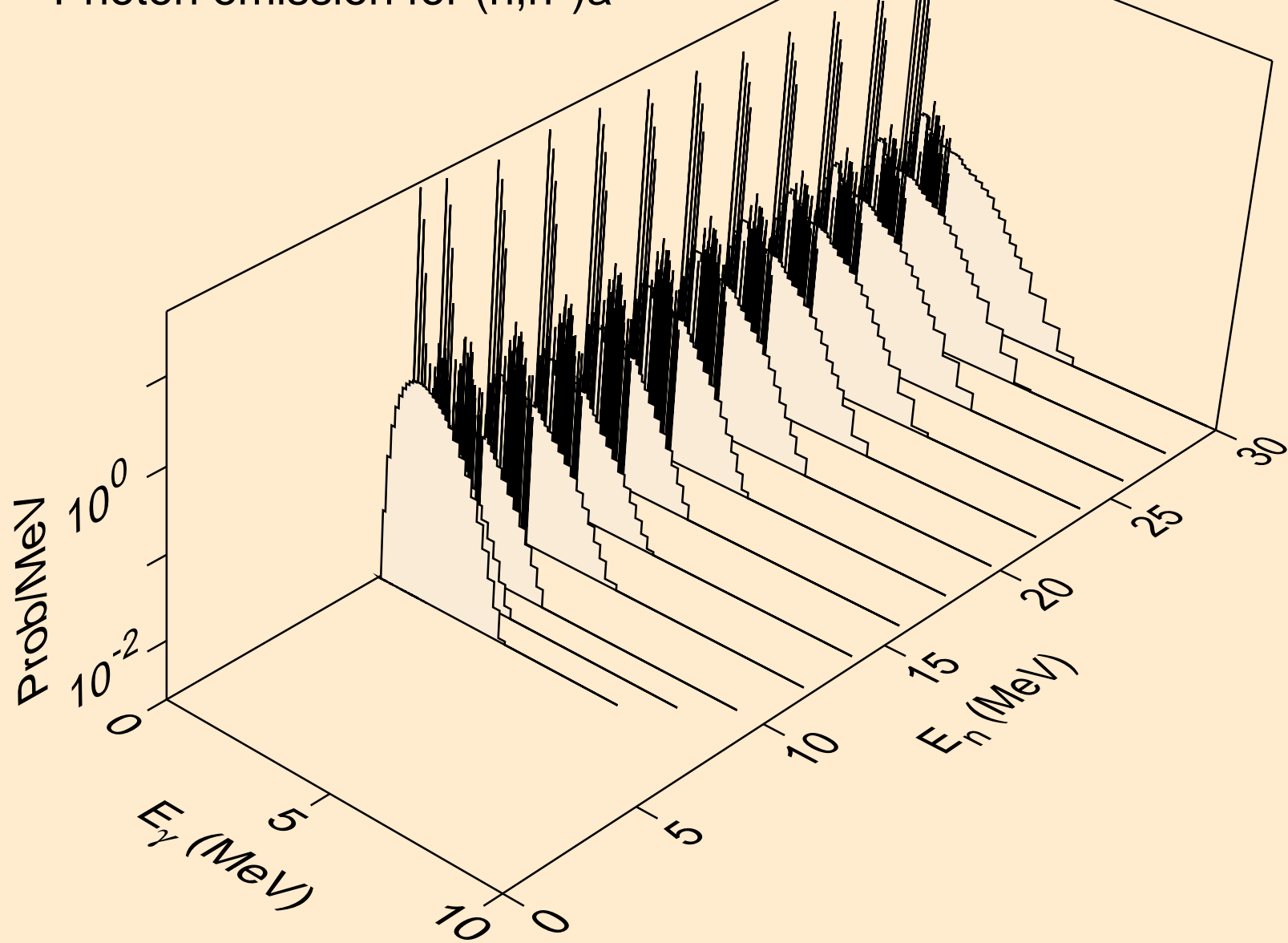
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



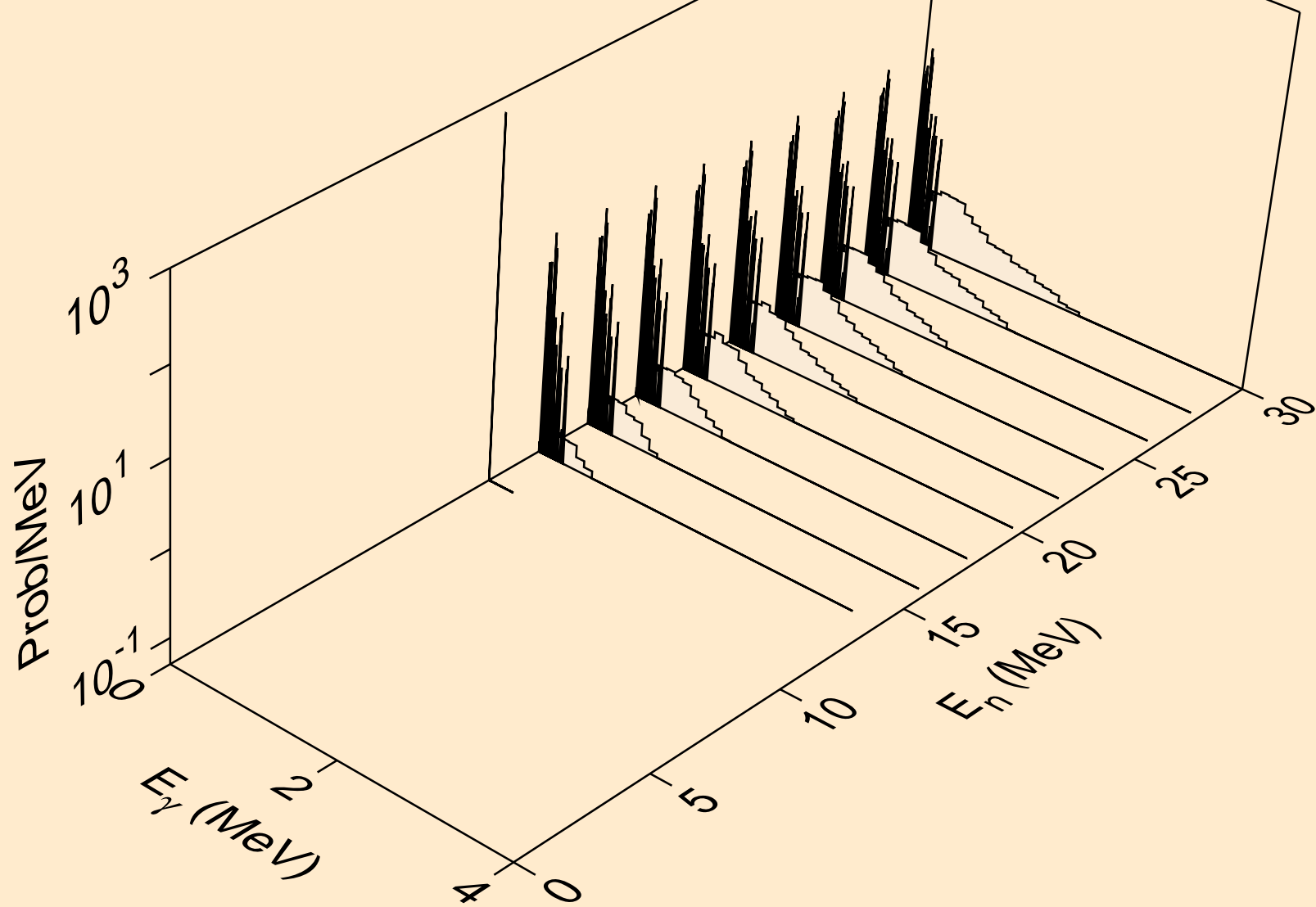
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



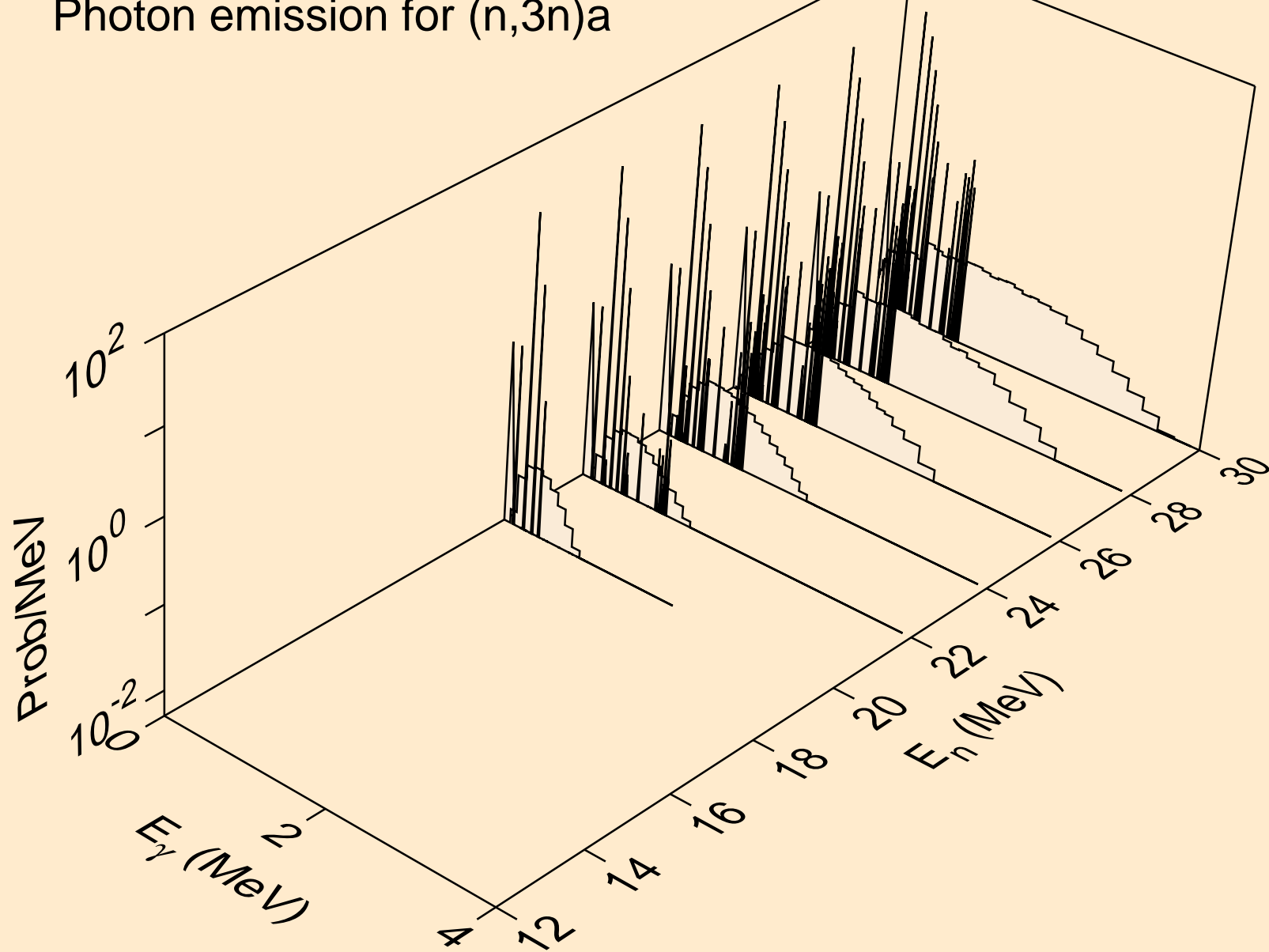
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



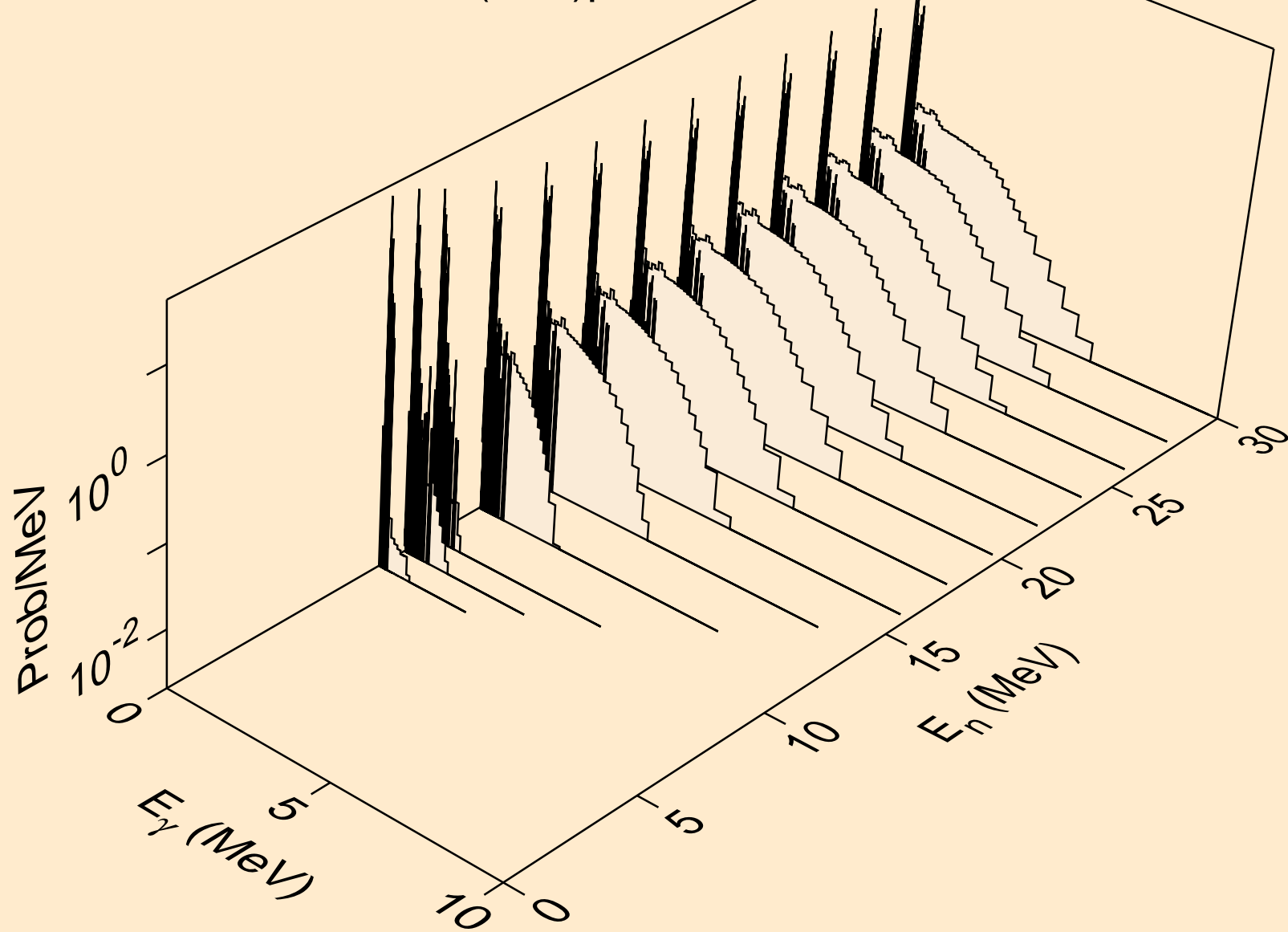


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

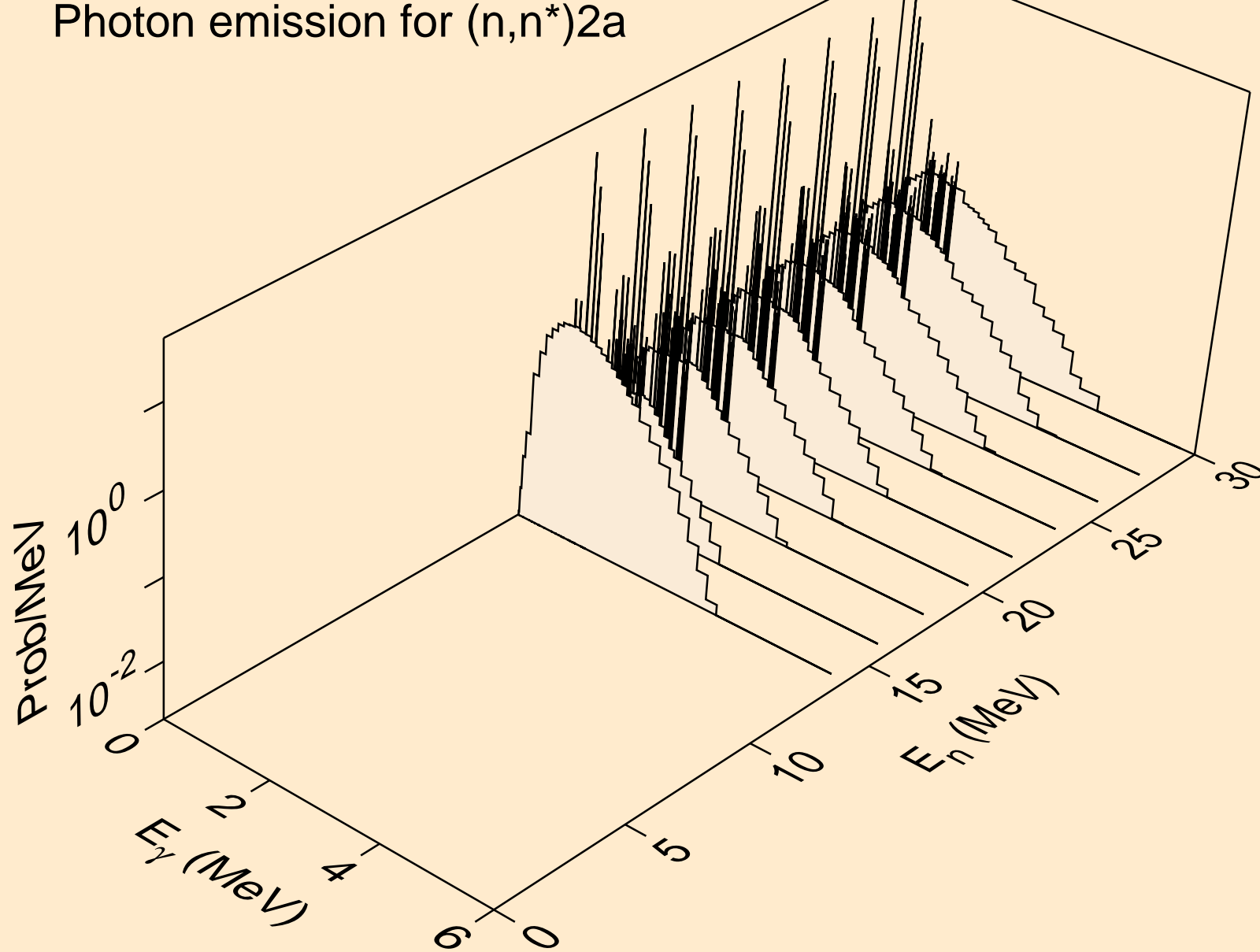
Photon emission for (n,3n)a



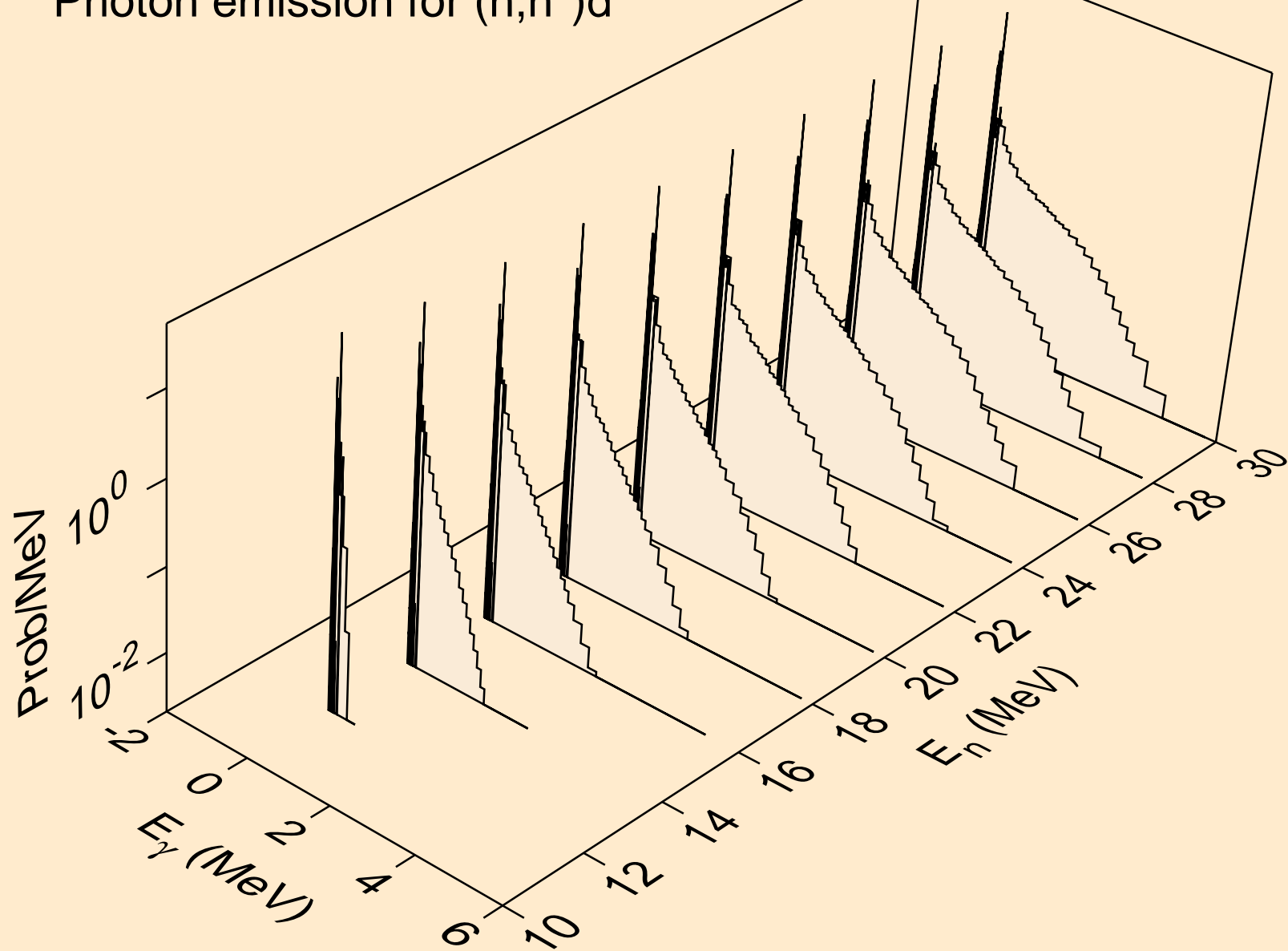
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



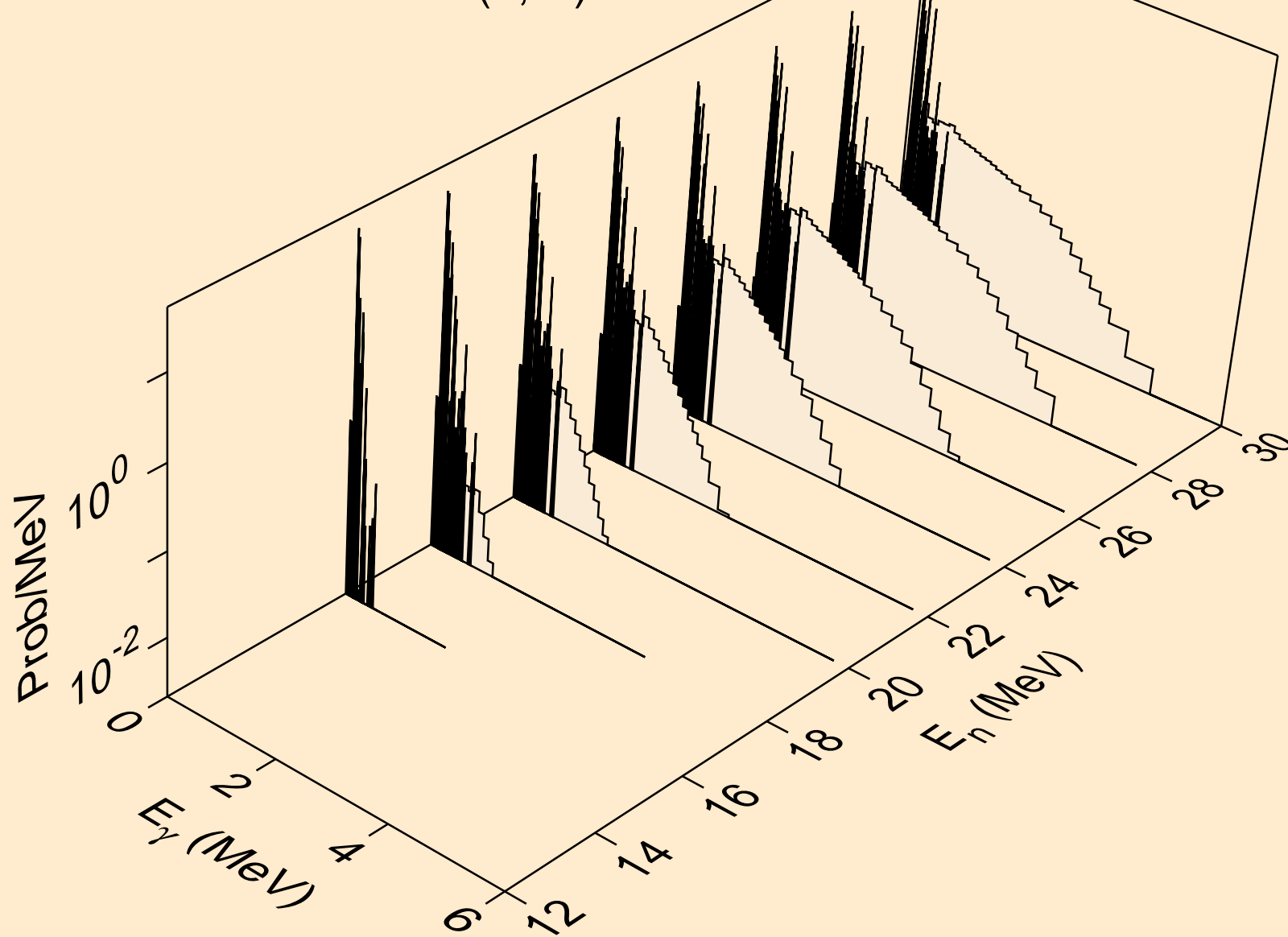
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

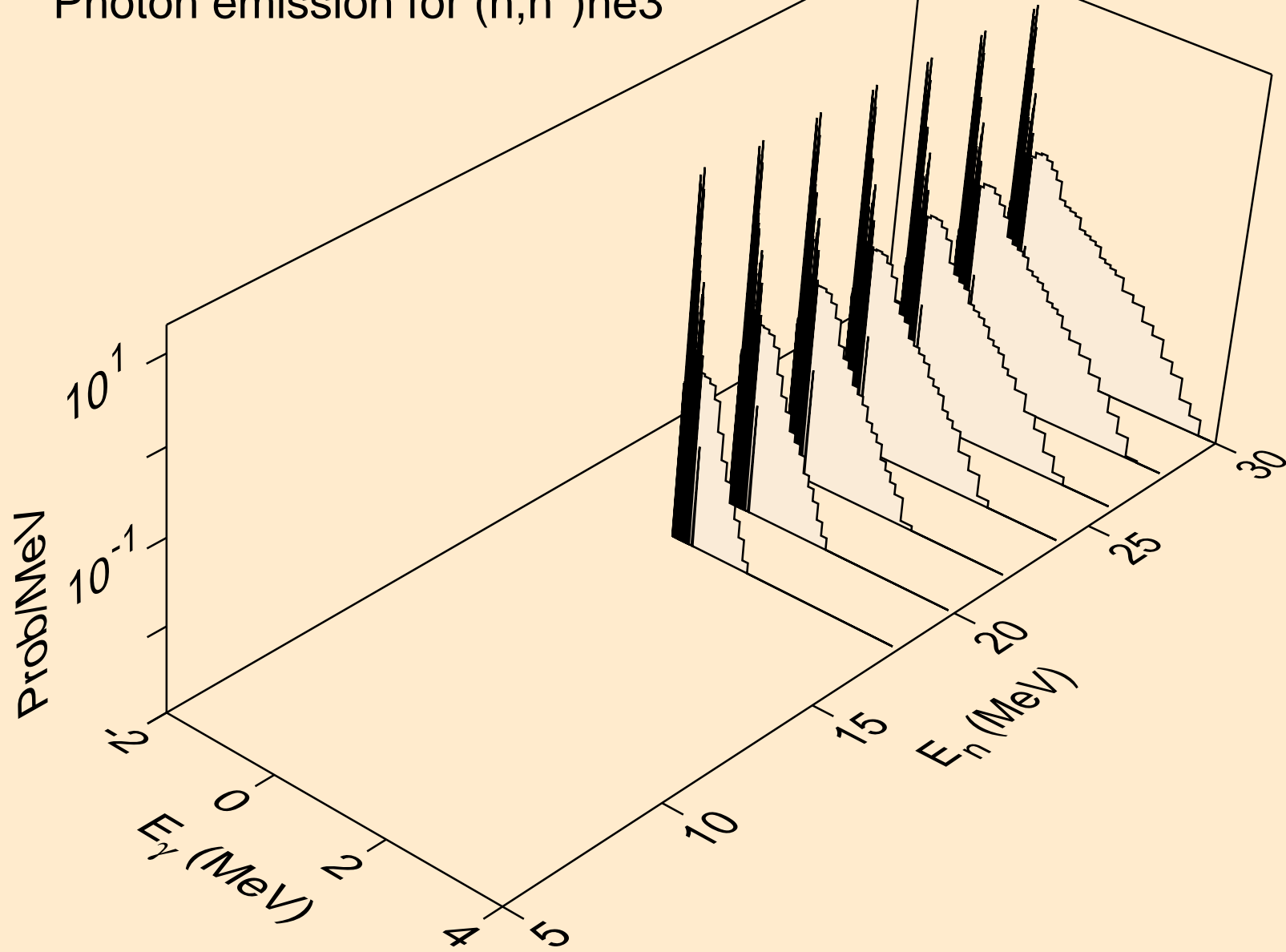


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

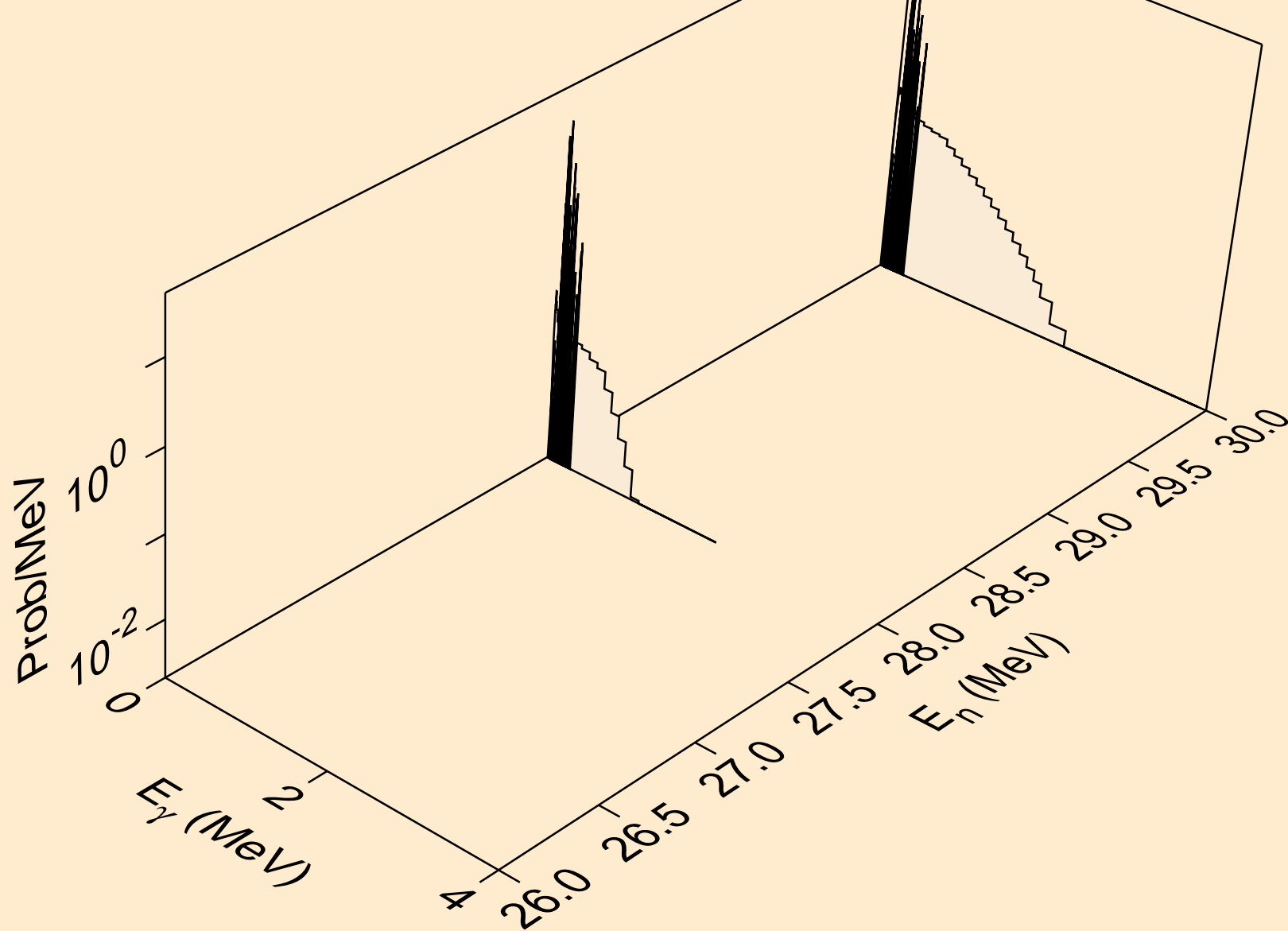


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

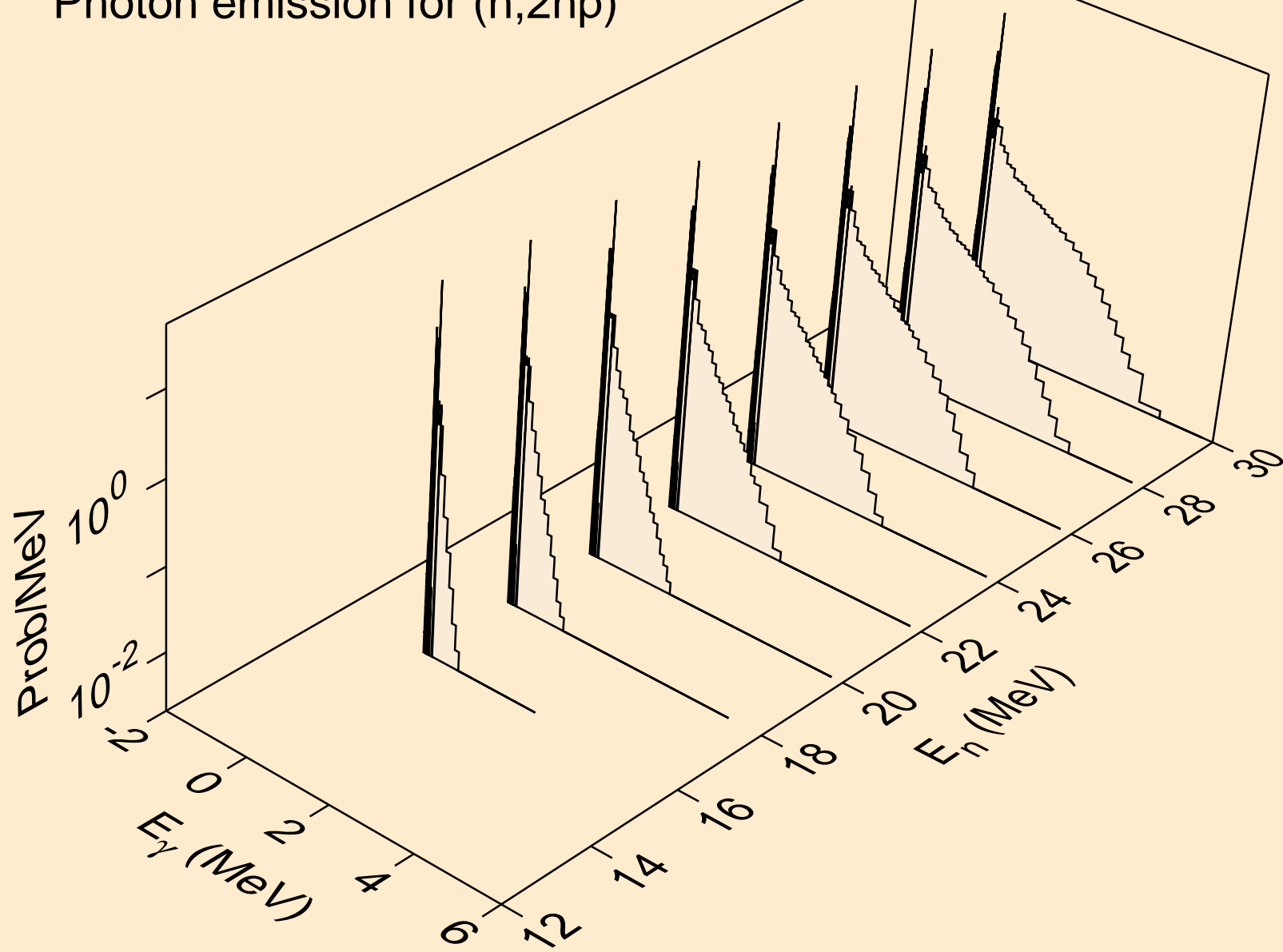
Photon emission for (n,n\*)he3



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

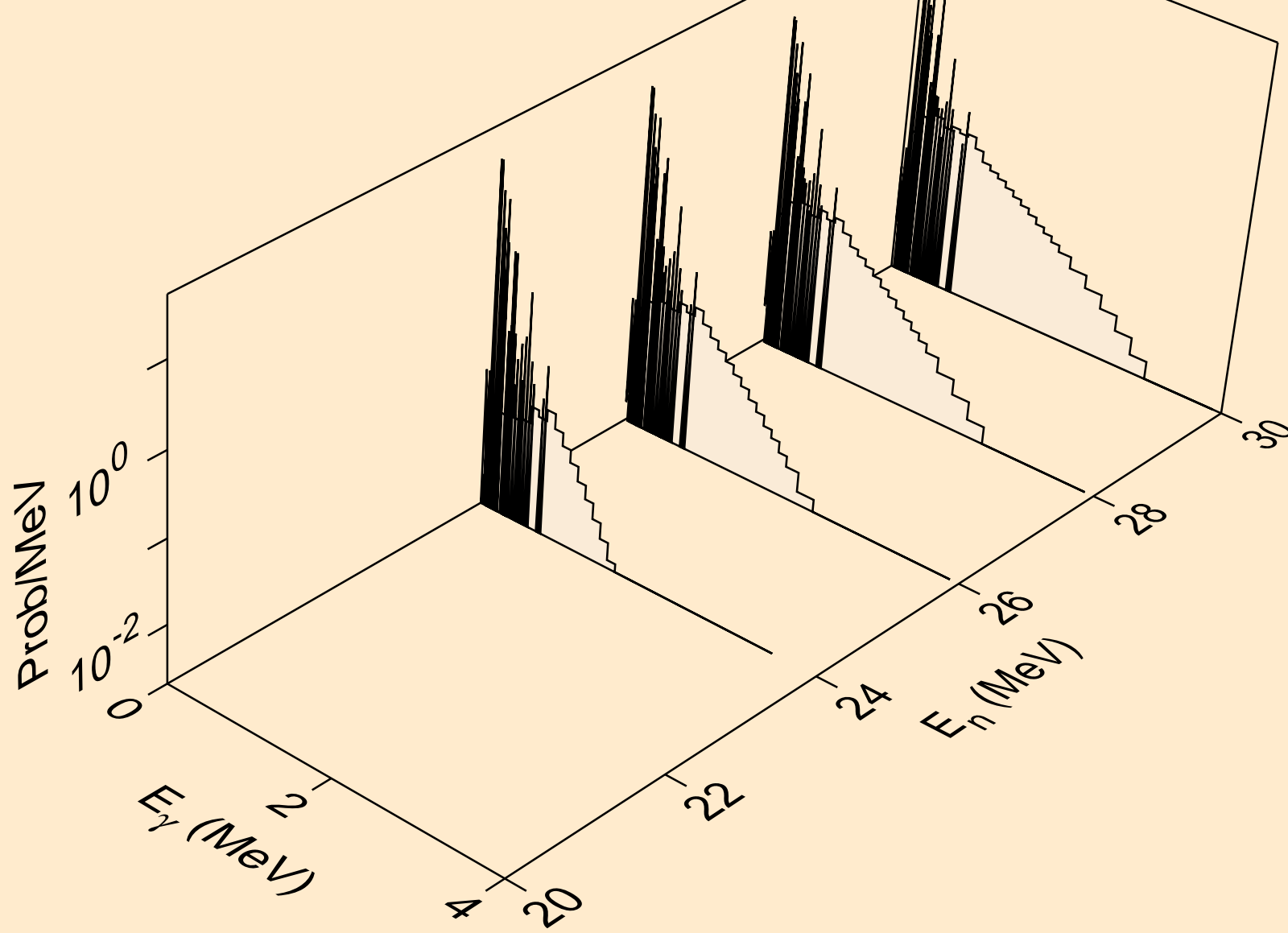


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

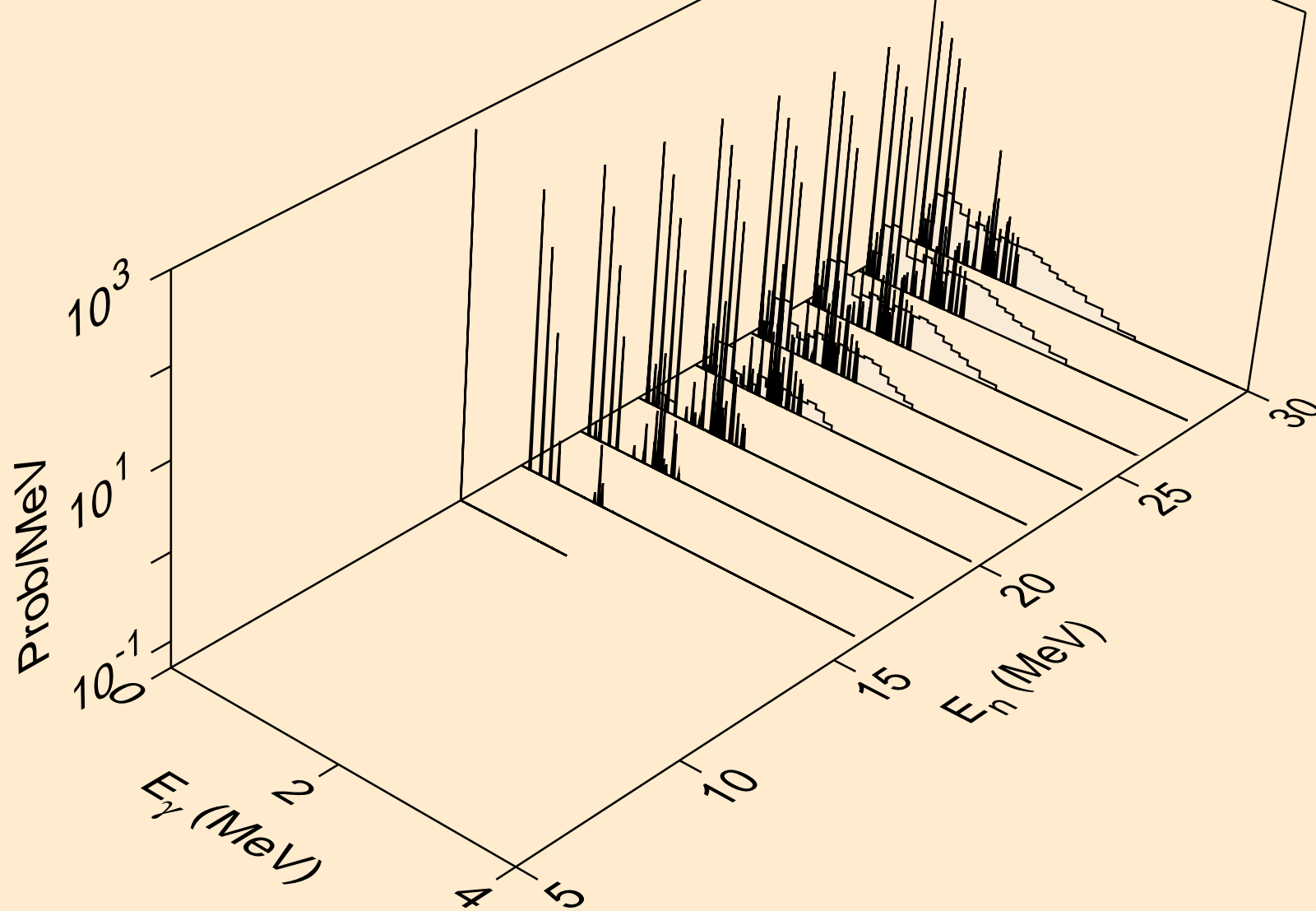




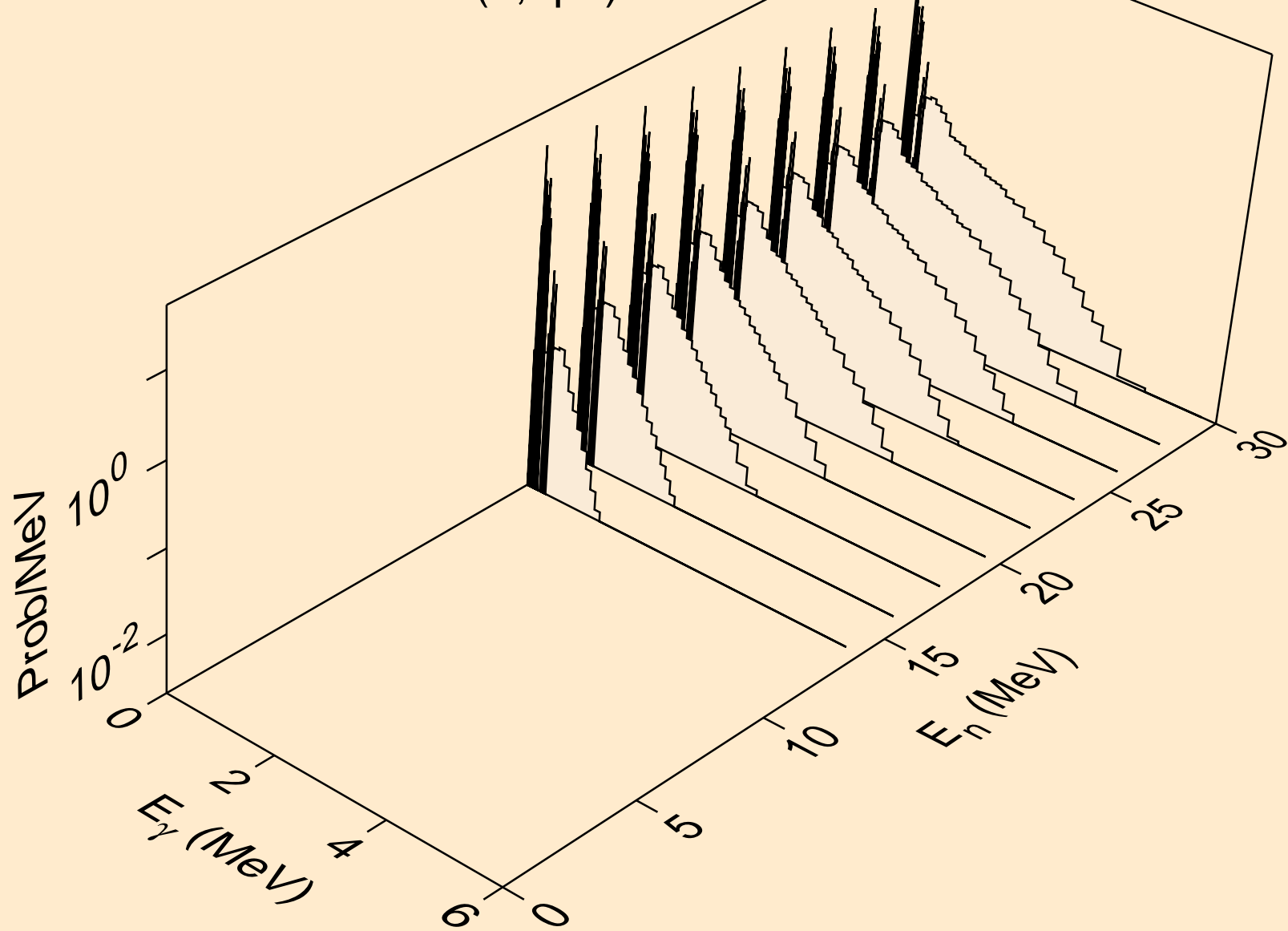
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



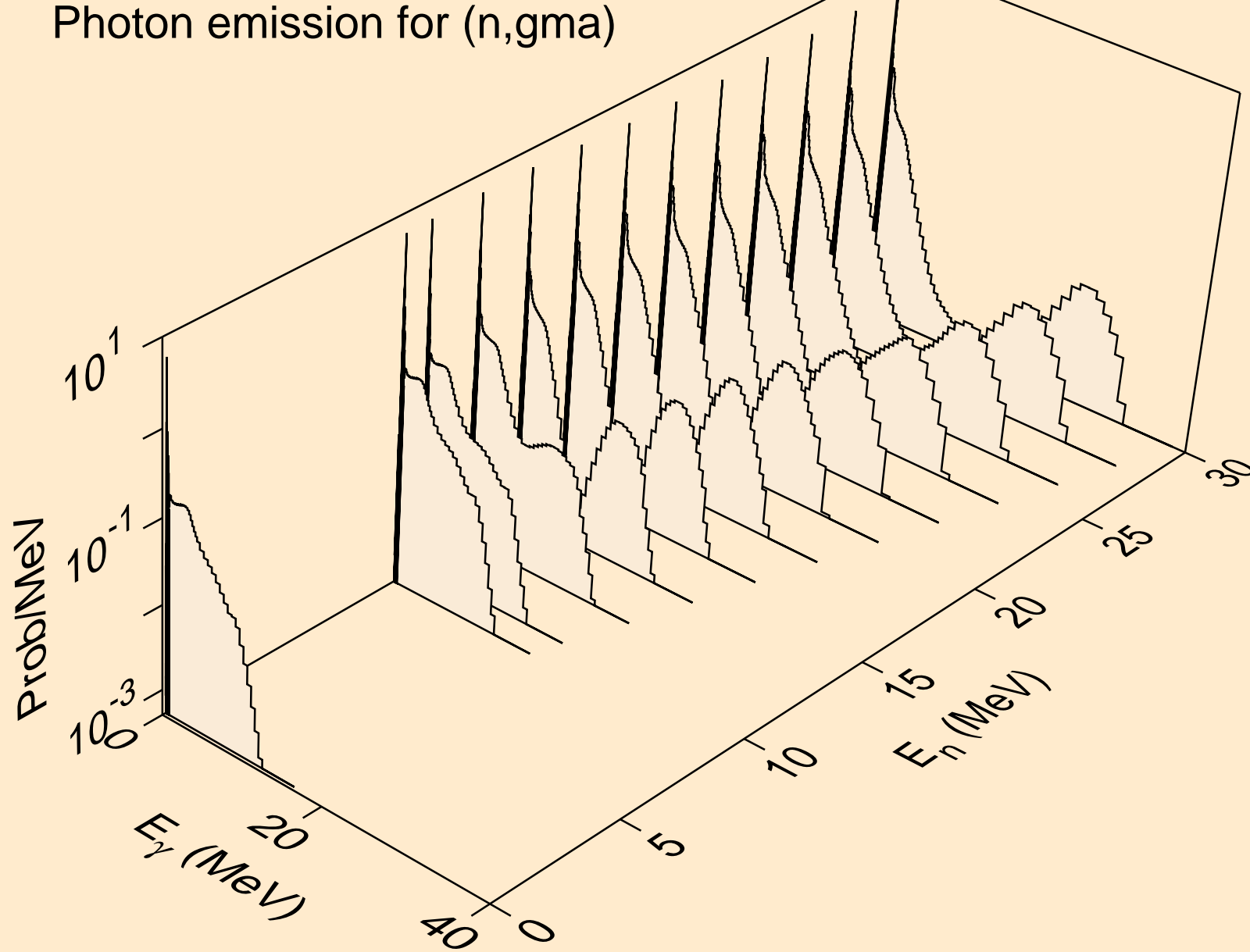
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



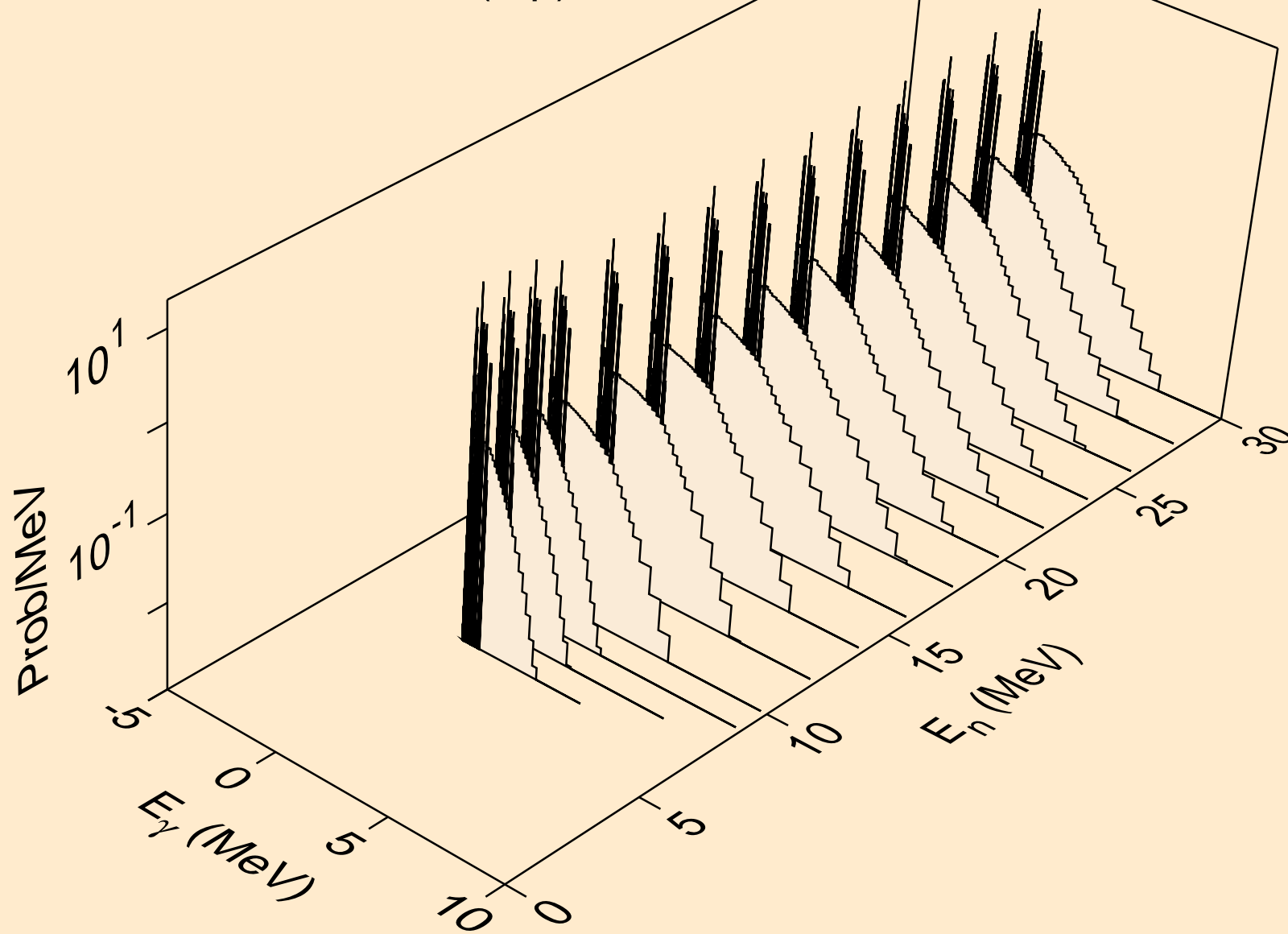
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



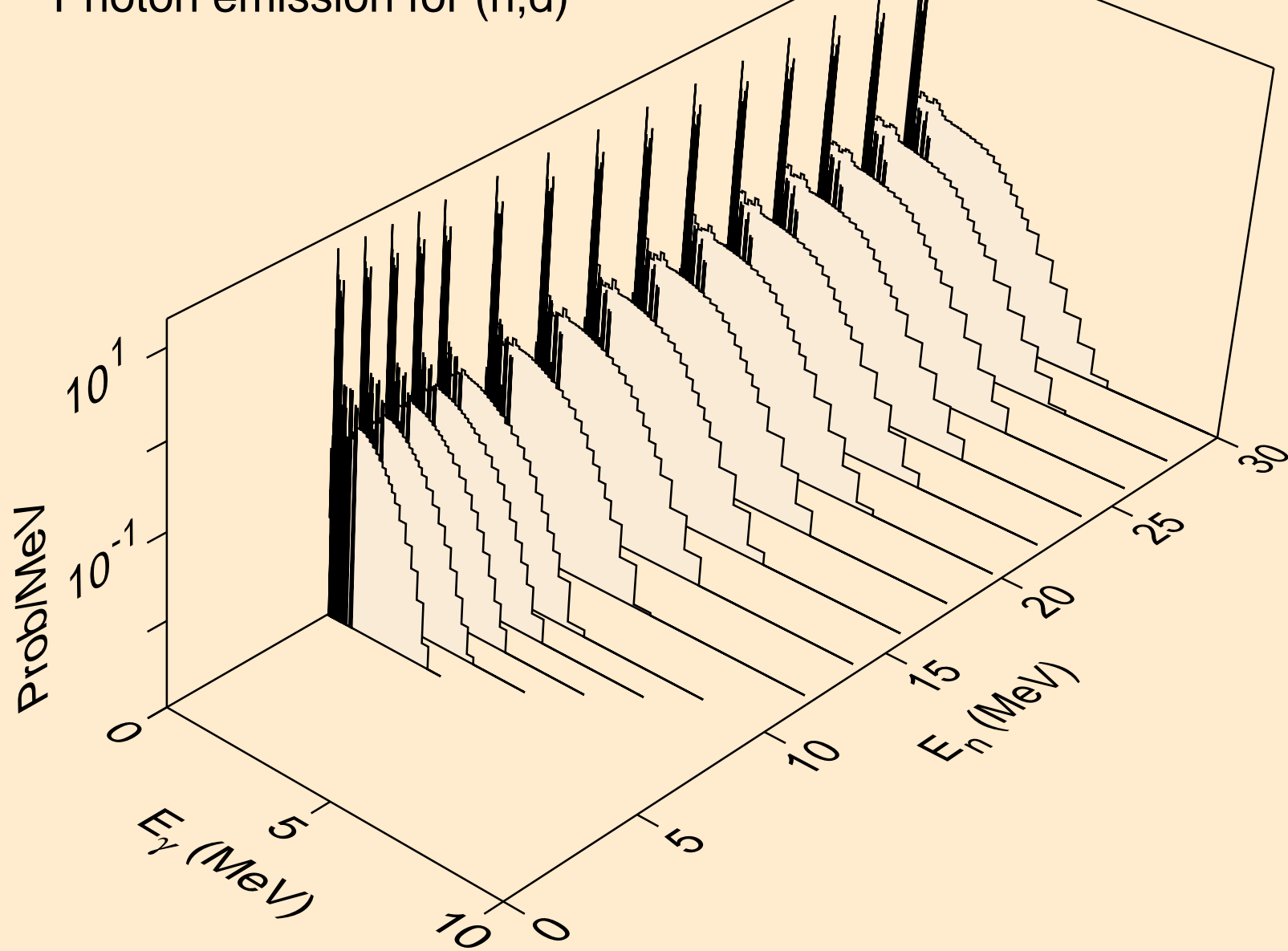
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

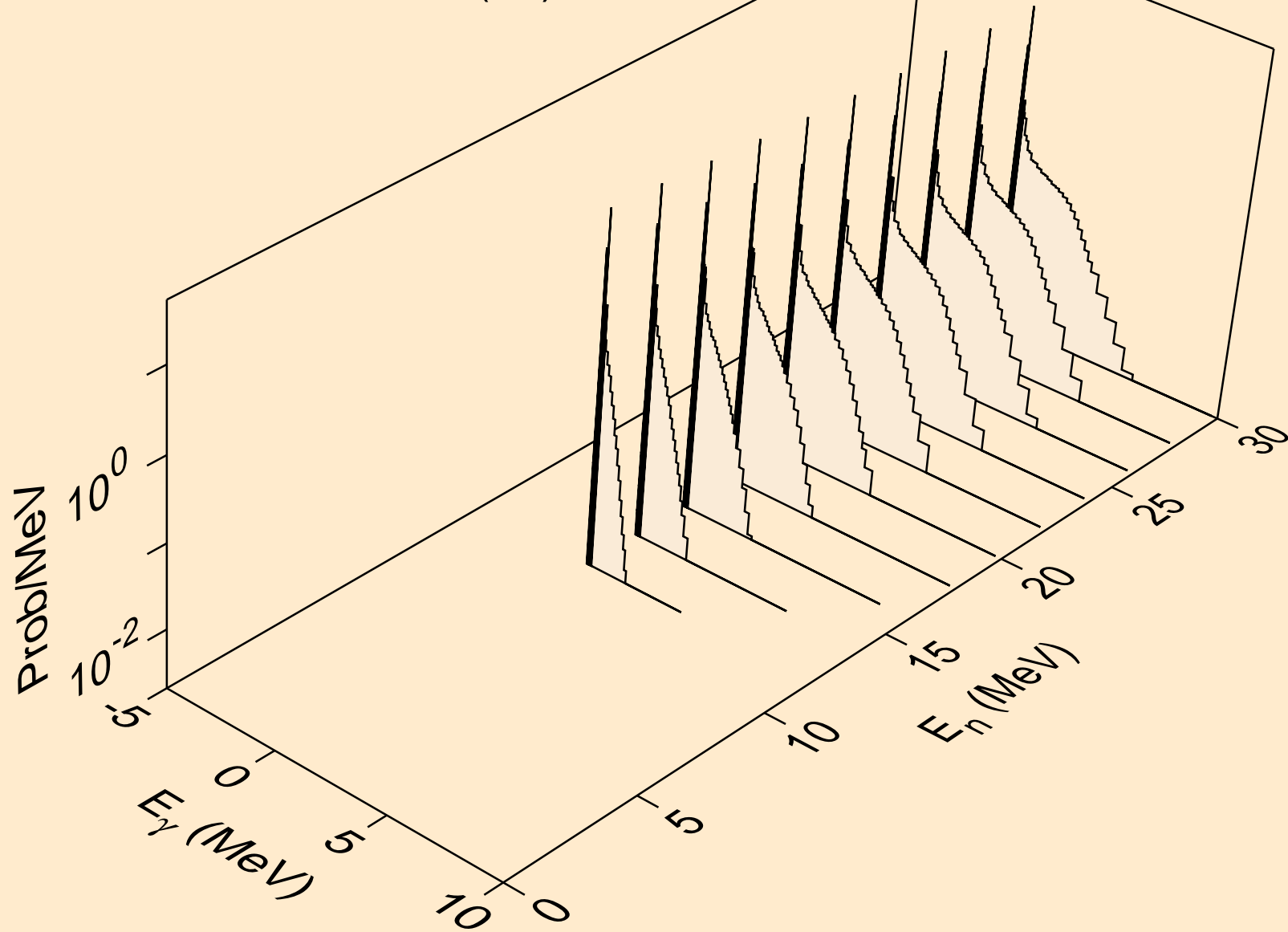


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

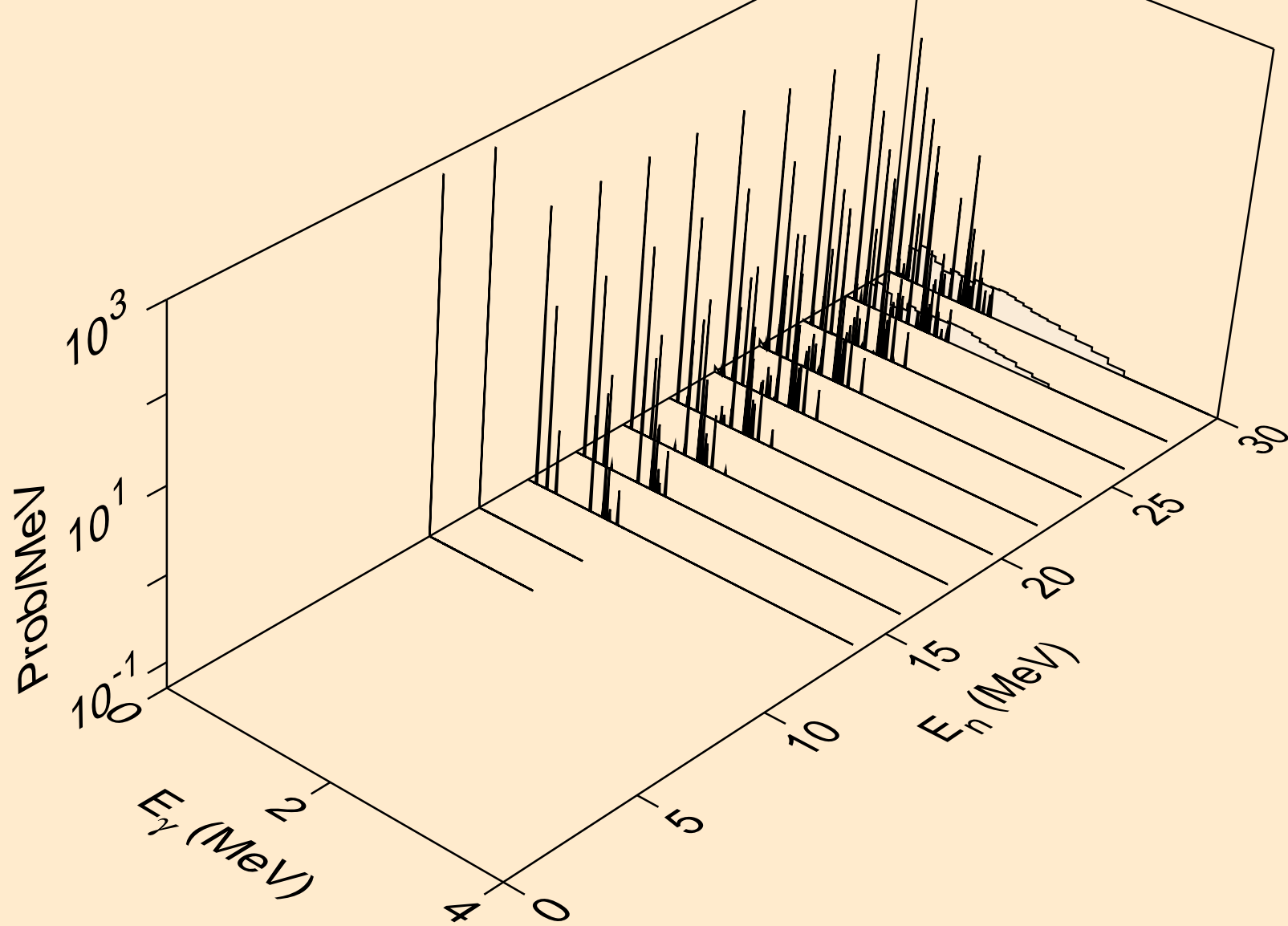


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

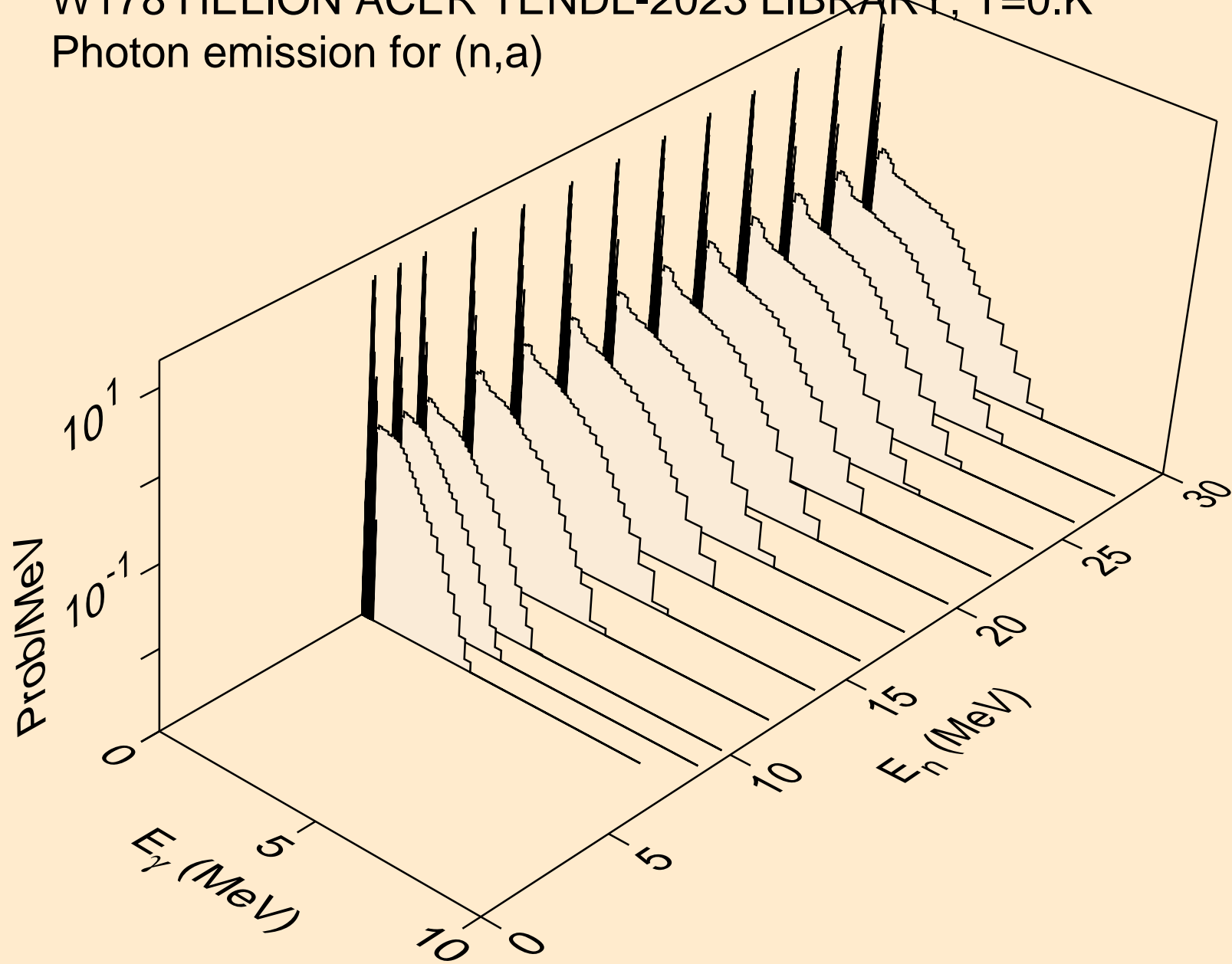


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

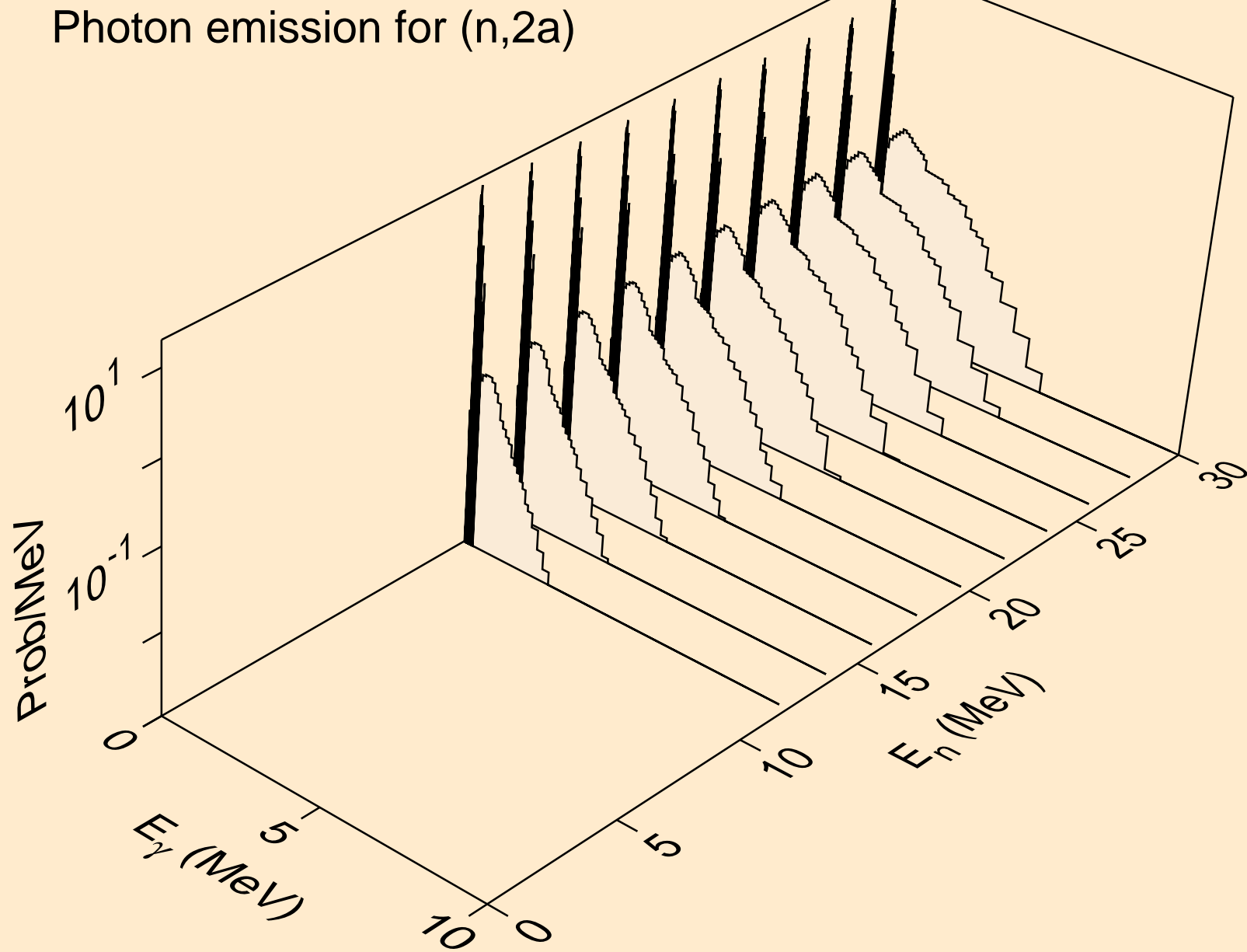




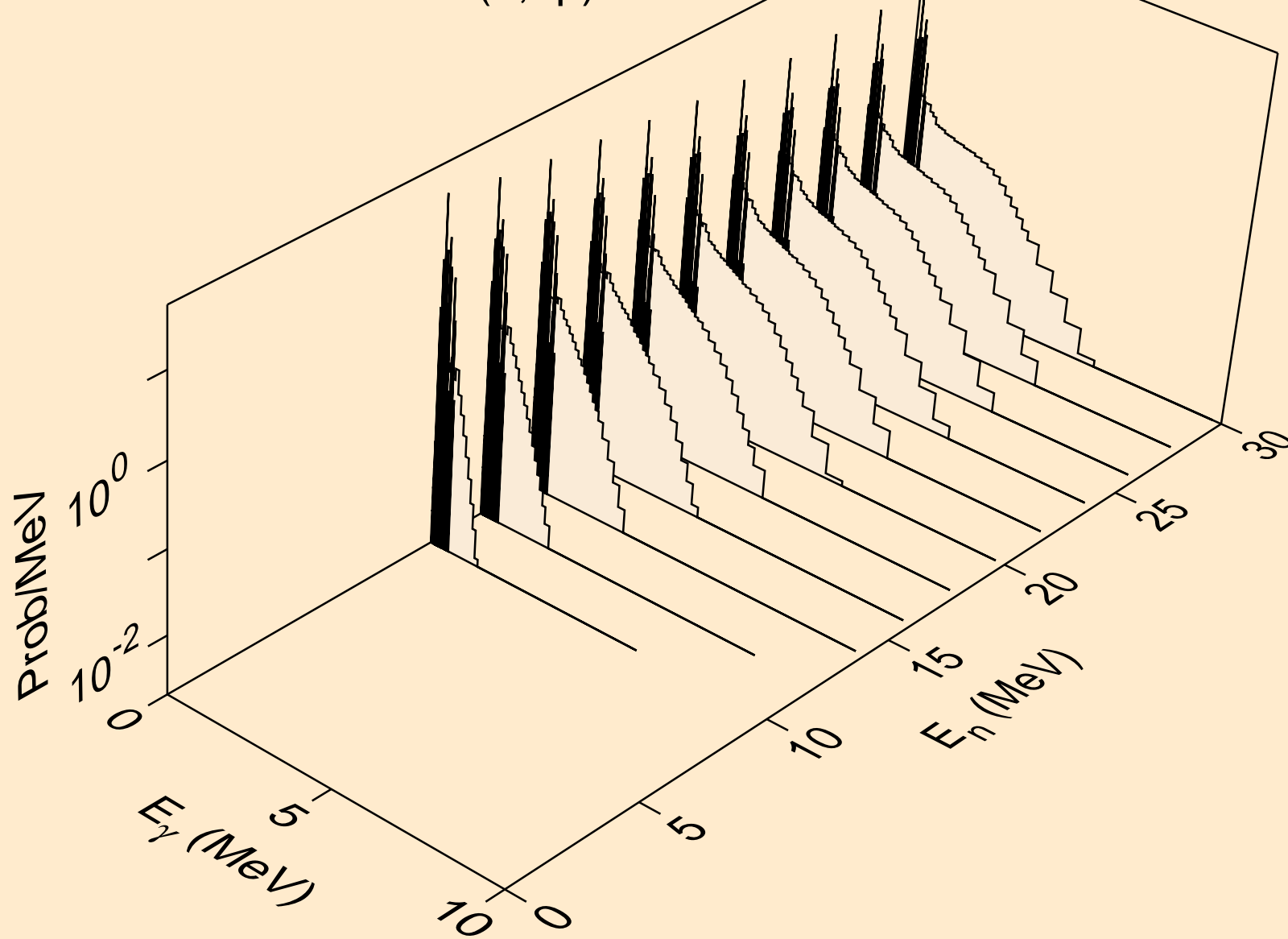
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



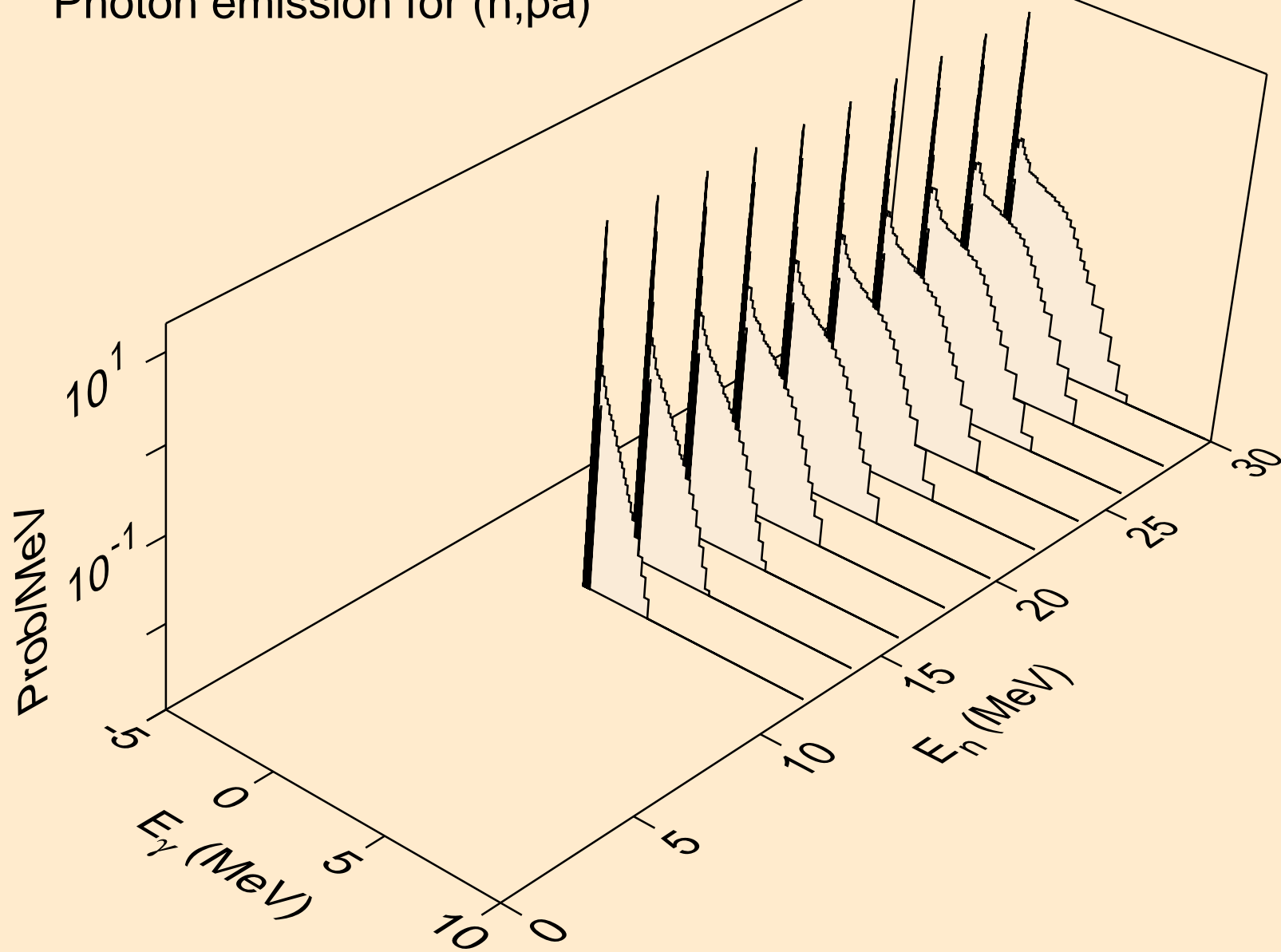
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



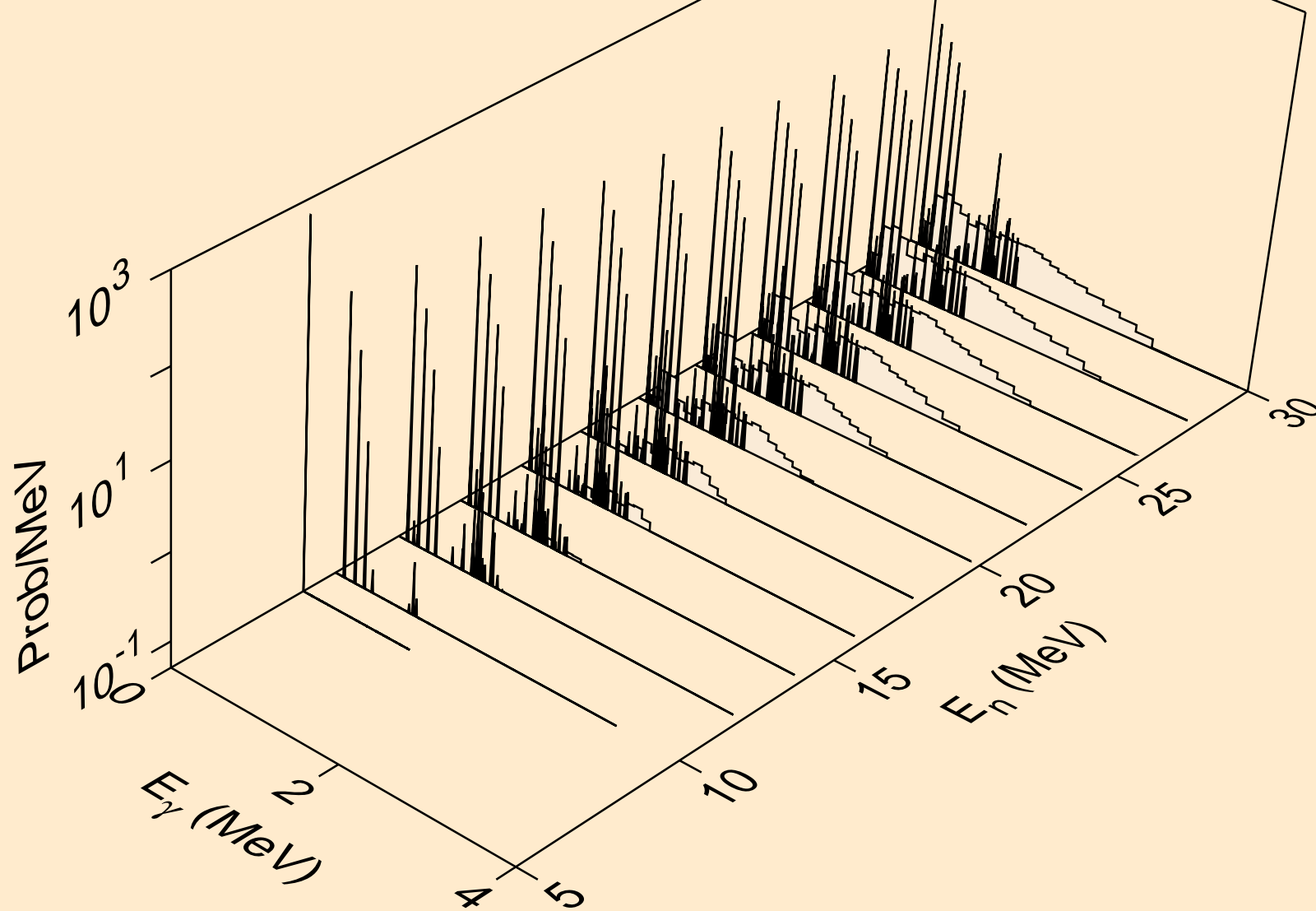
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



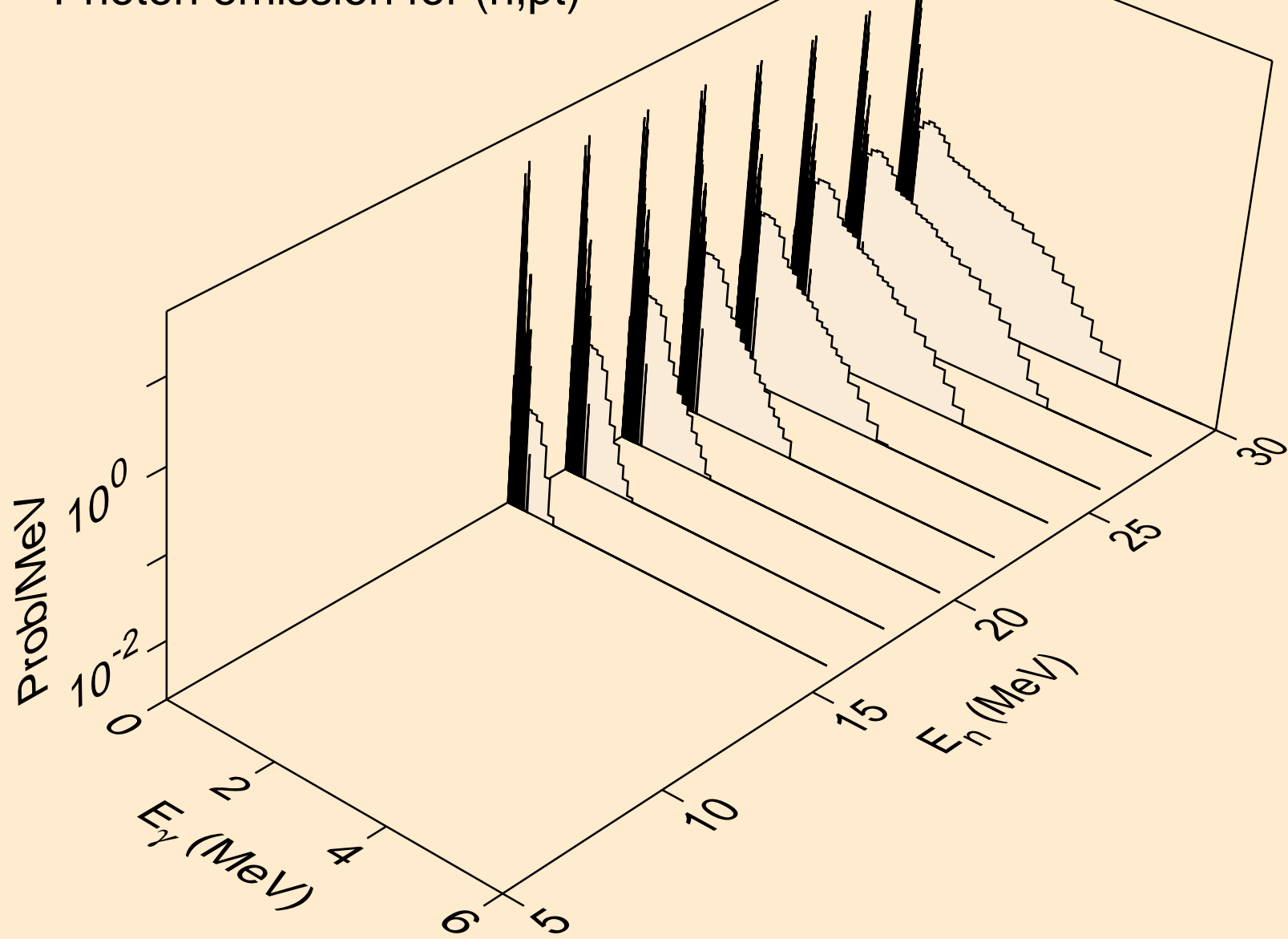
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



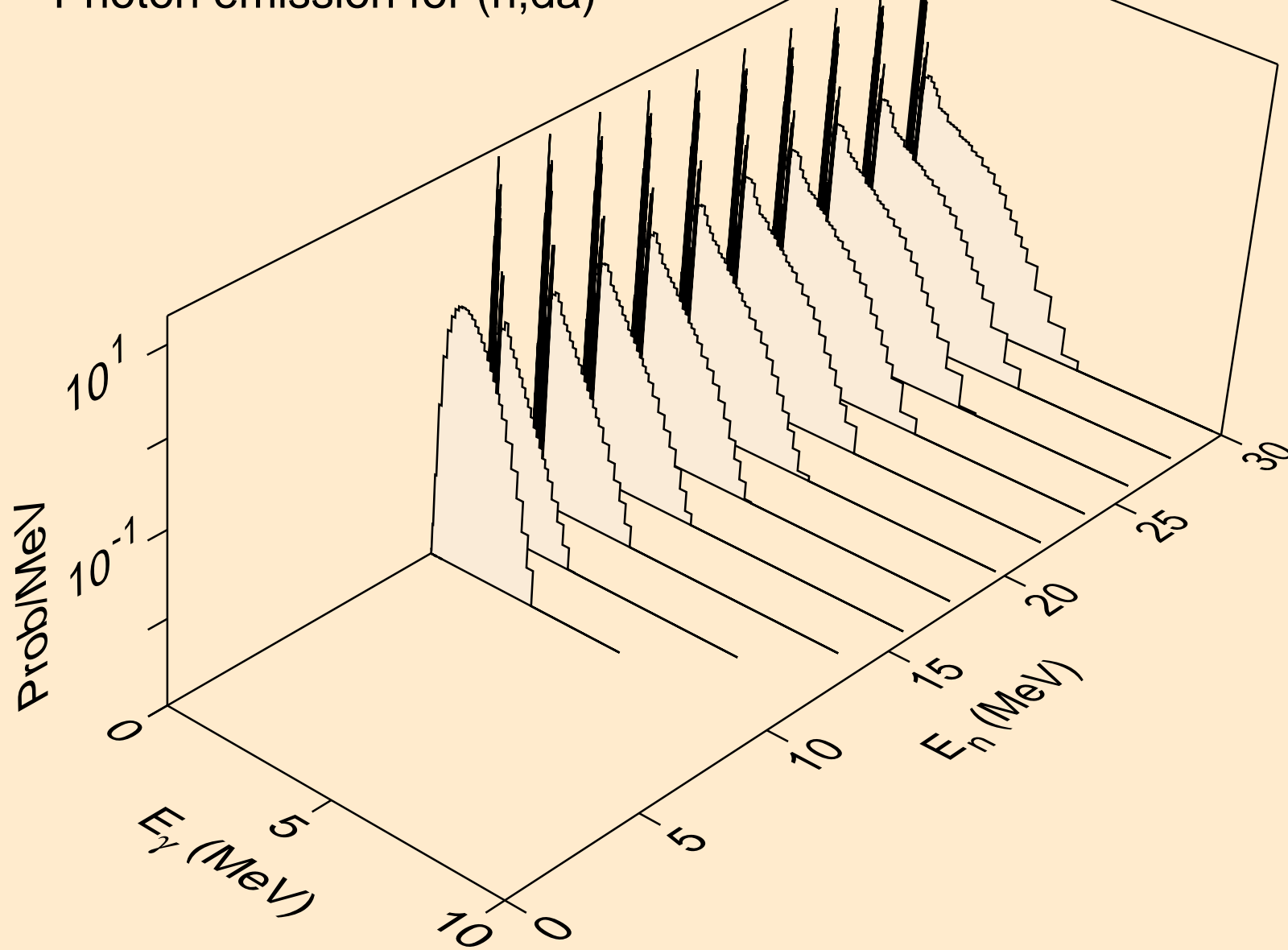
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



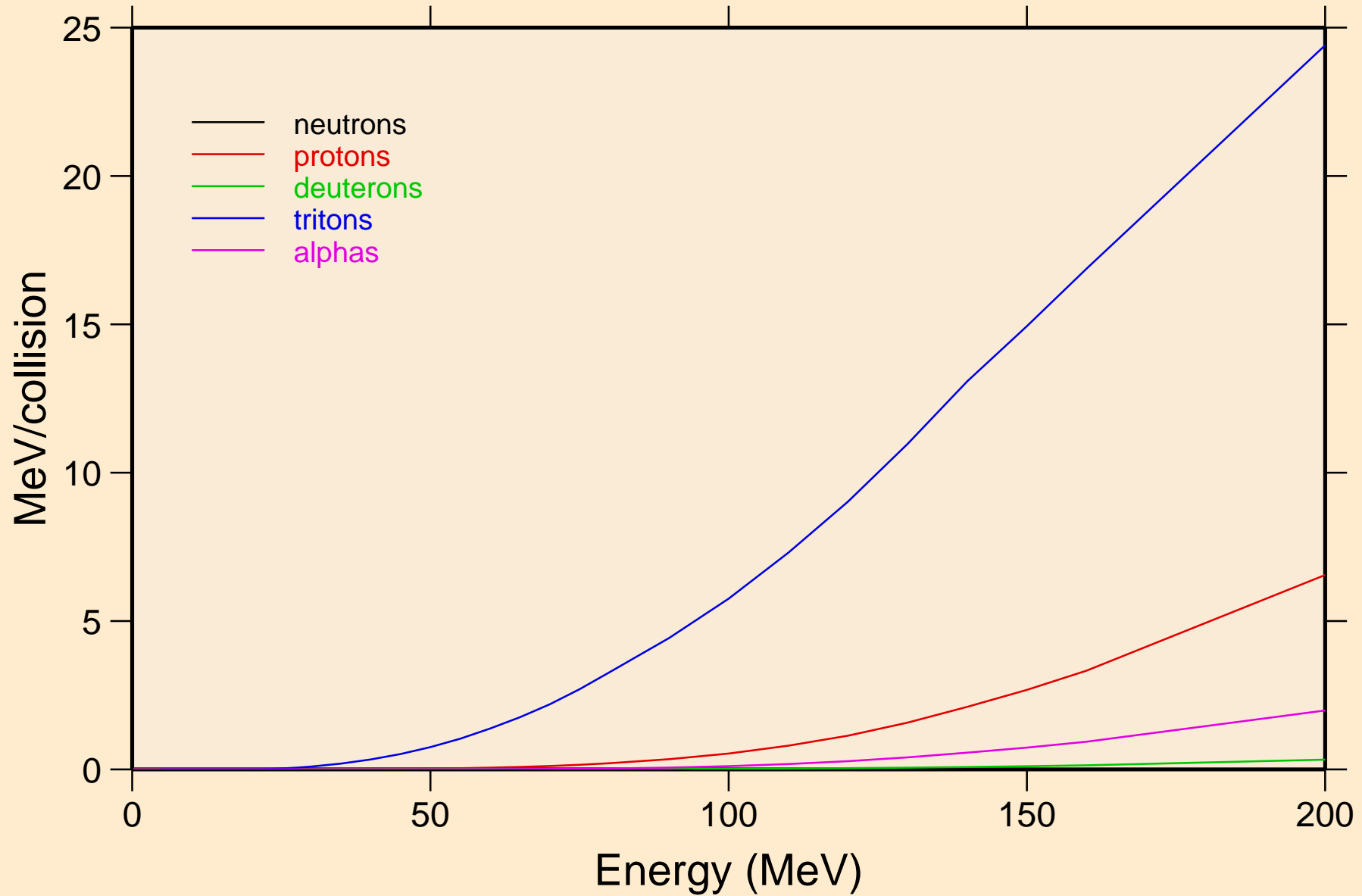
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

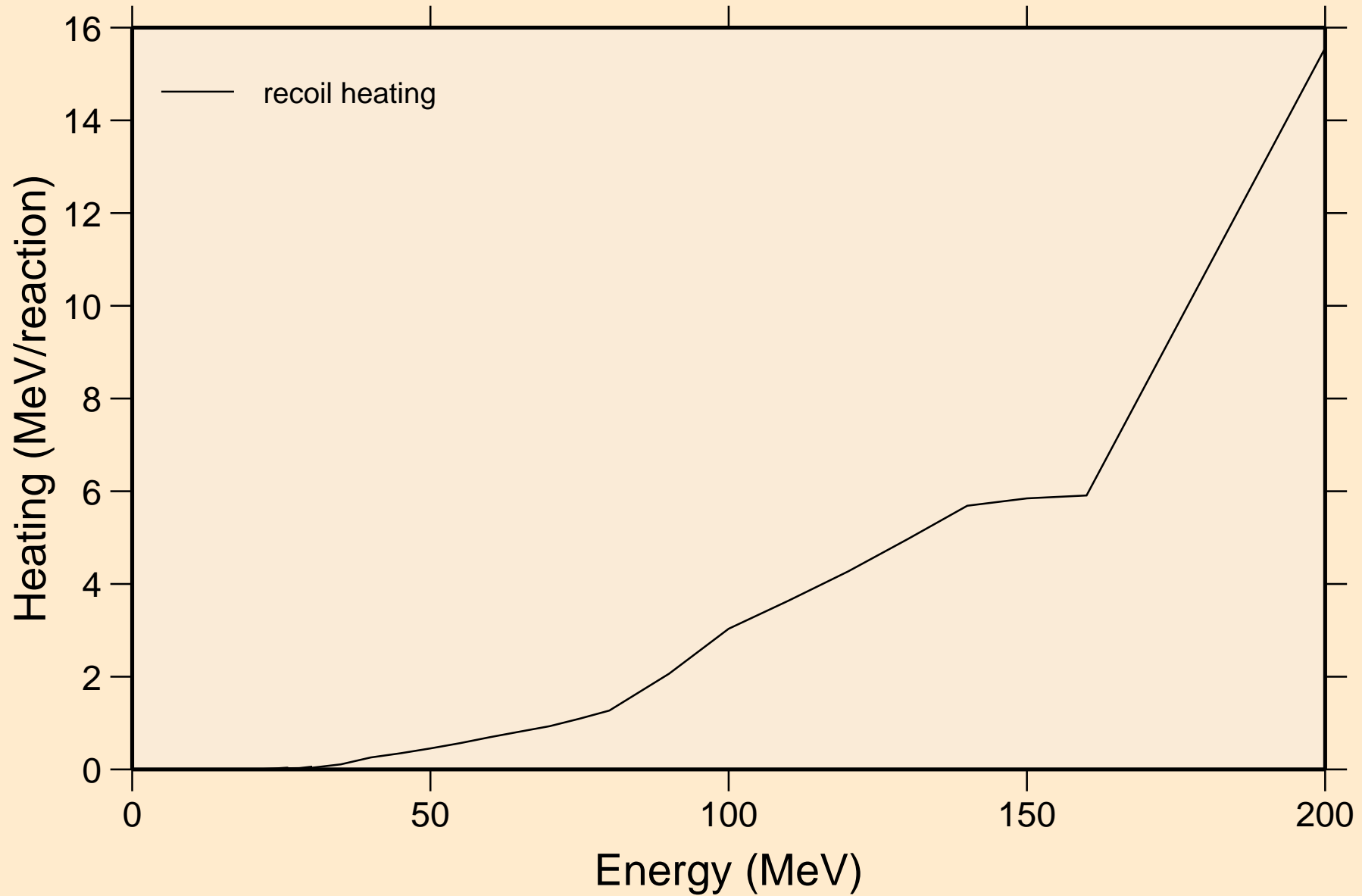


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

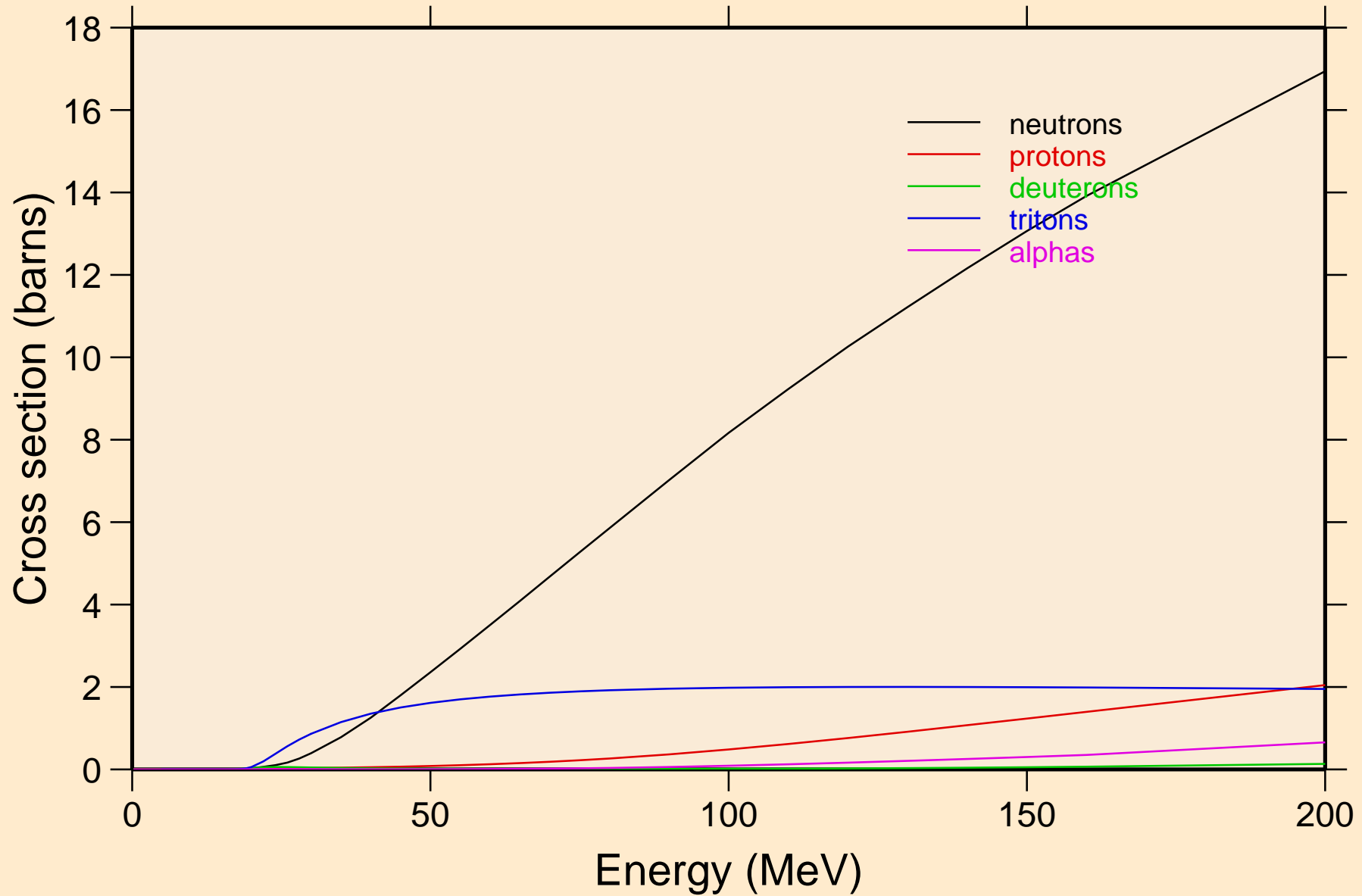




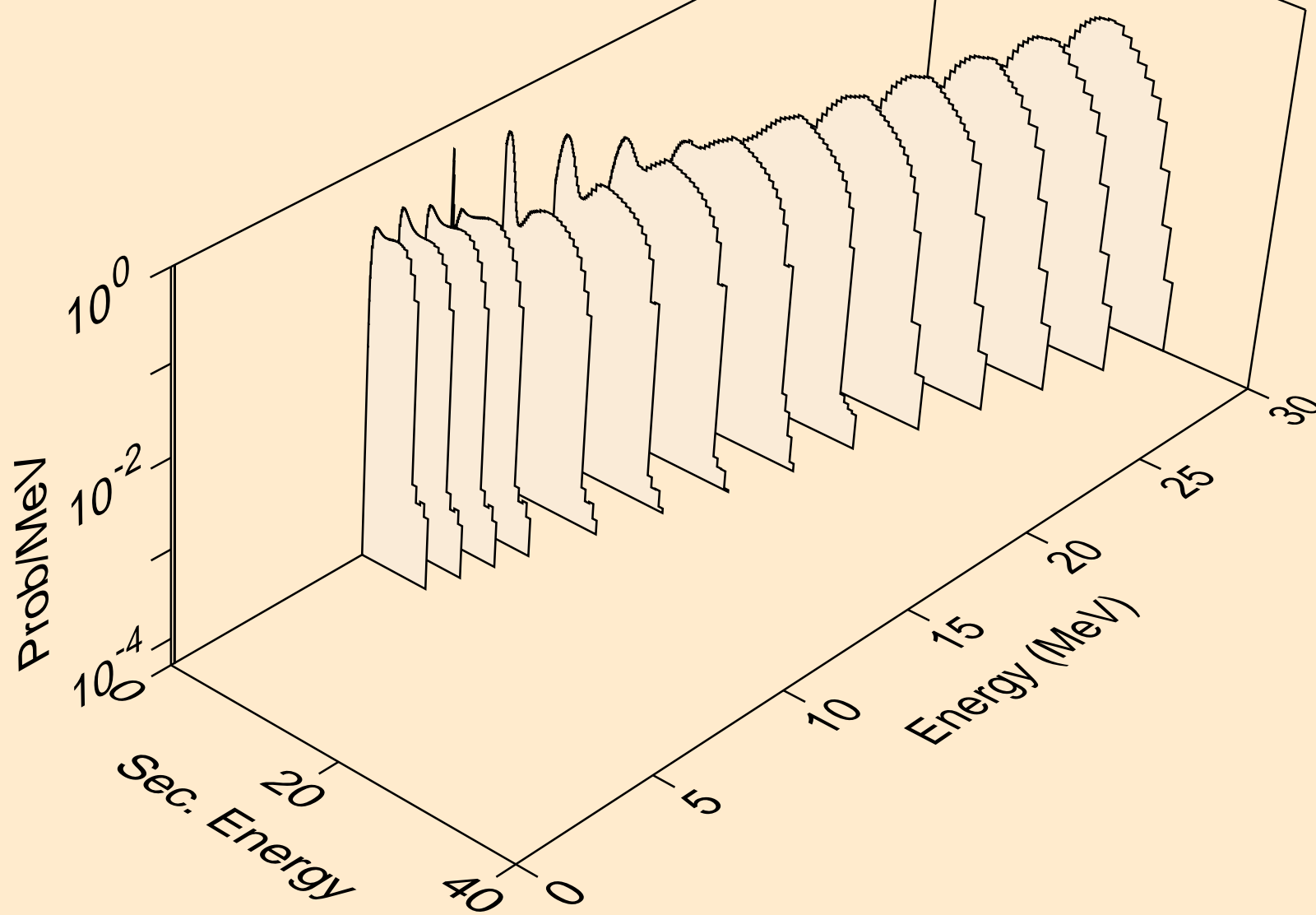
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



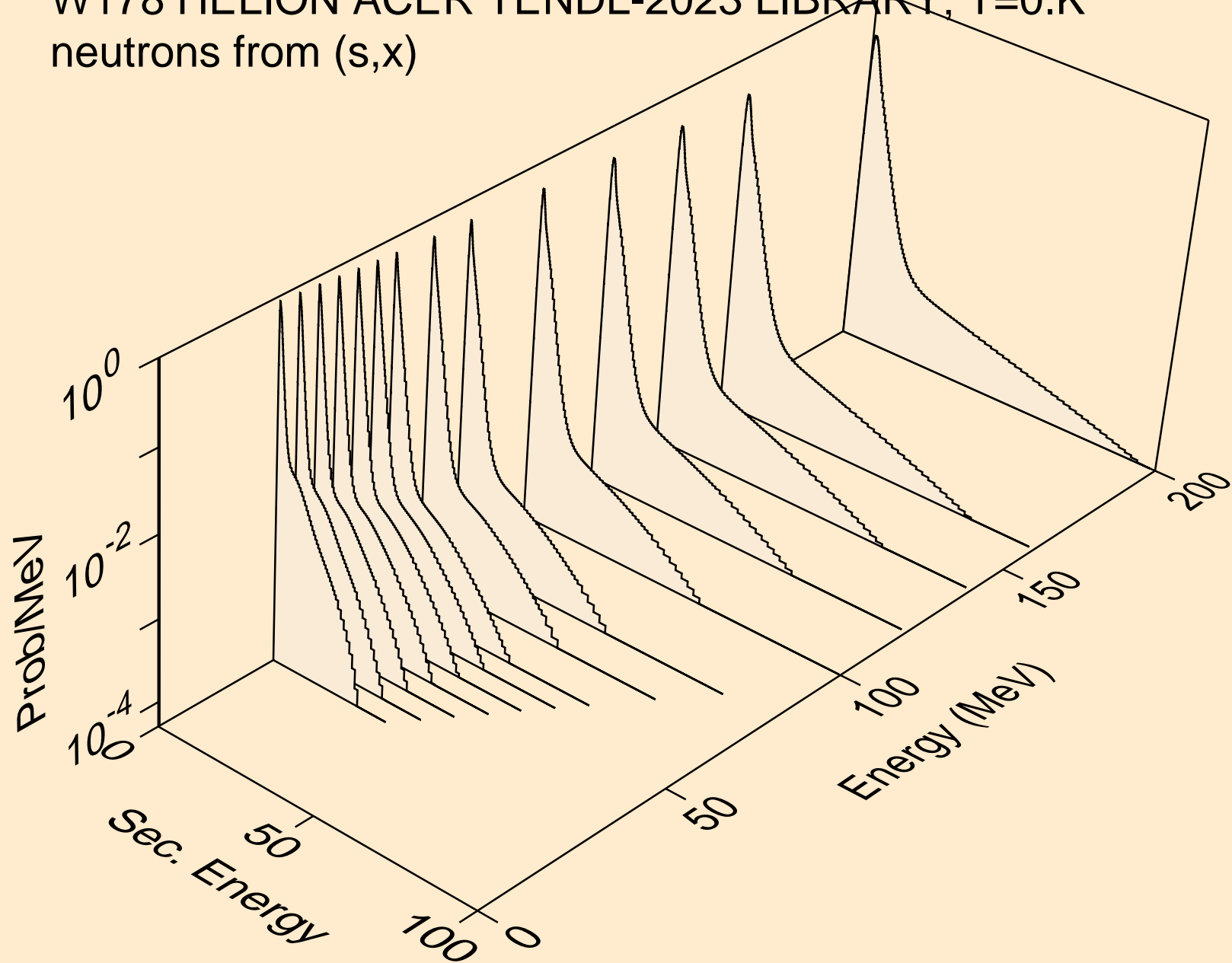
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



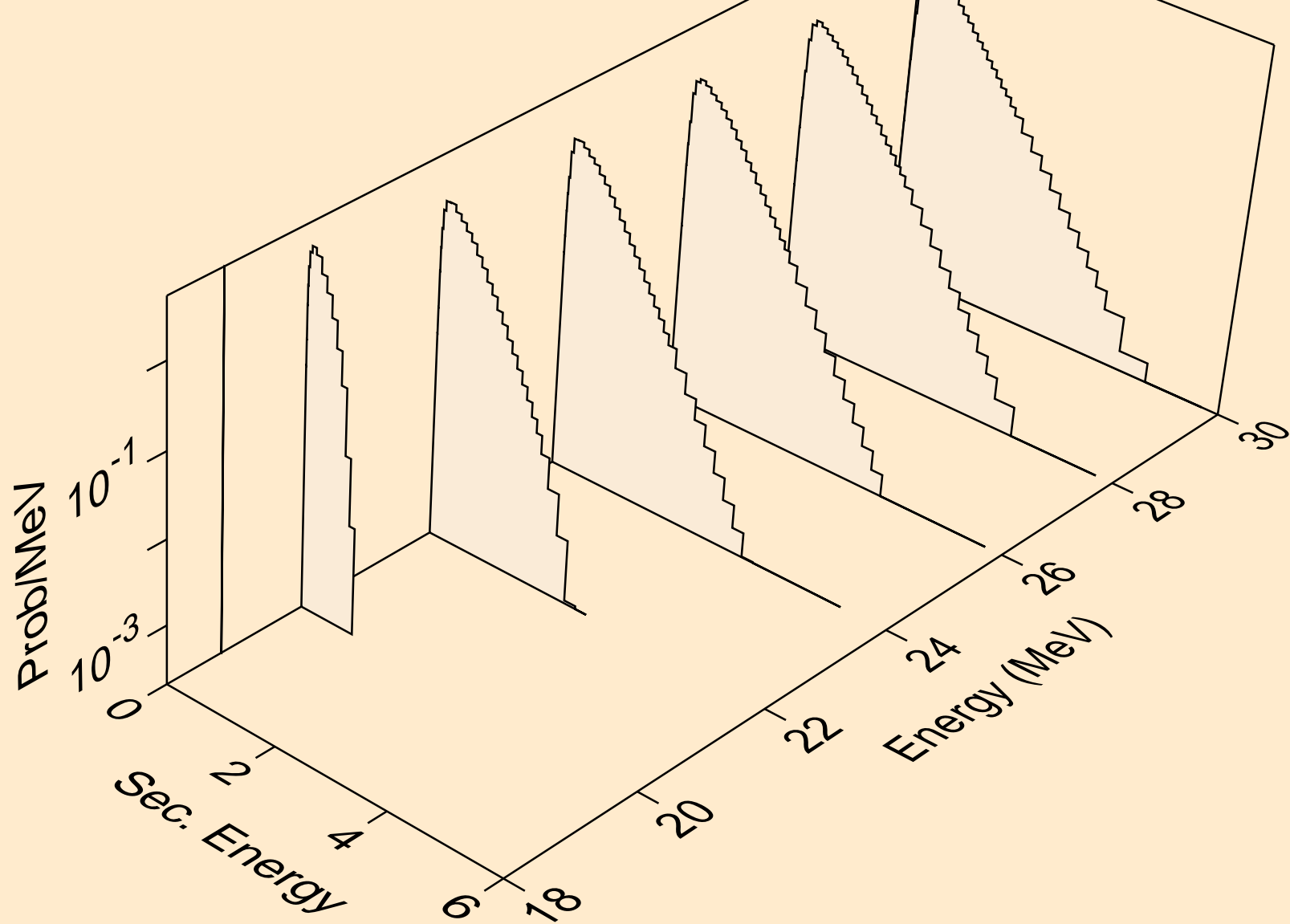
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



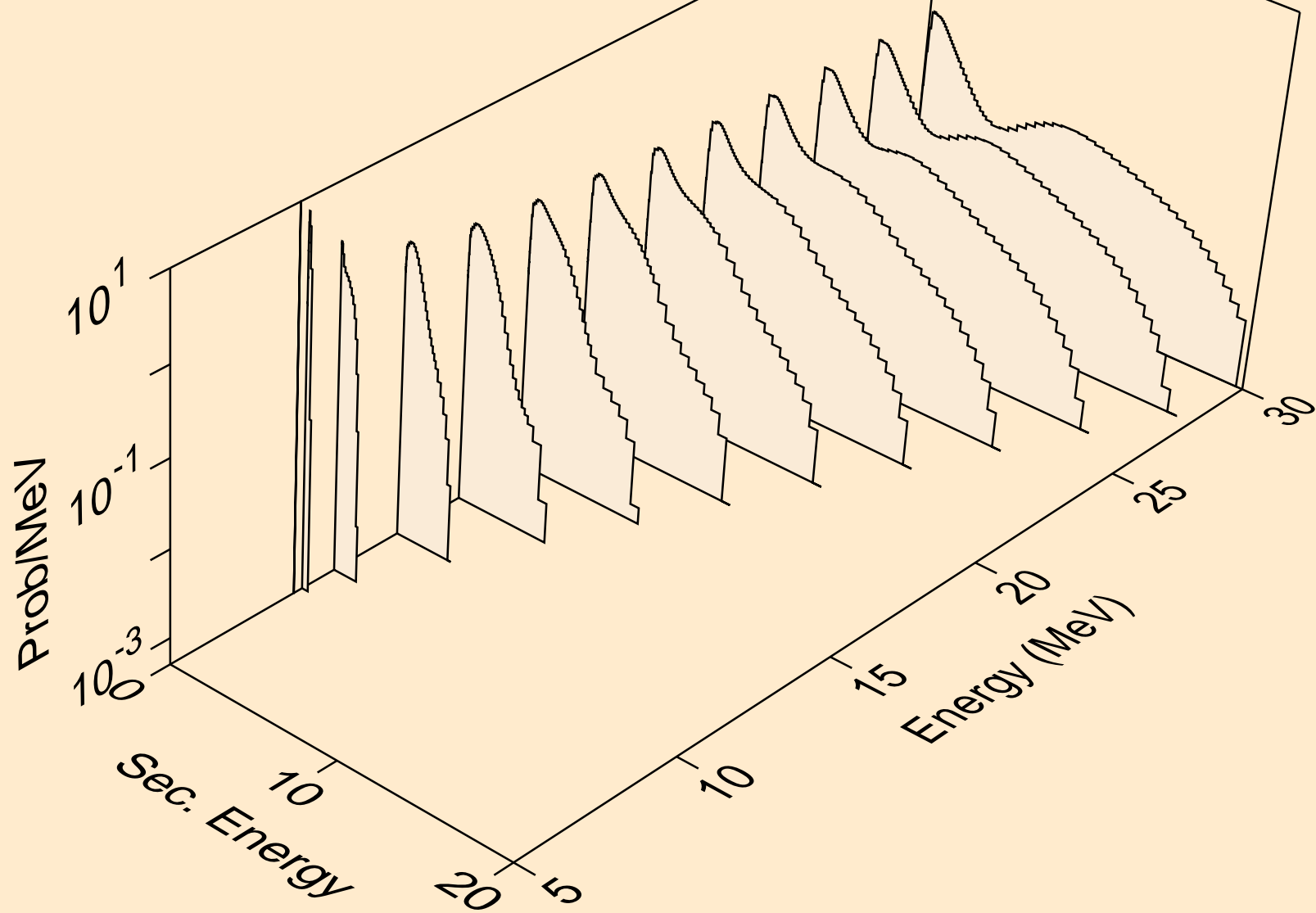
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



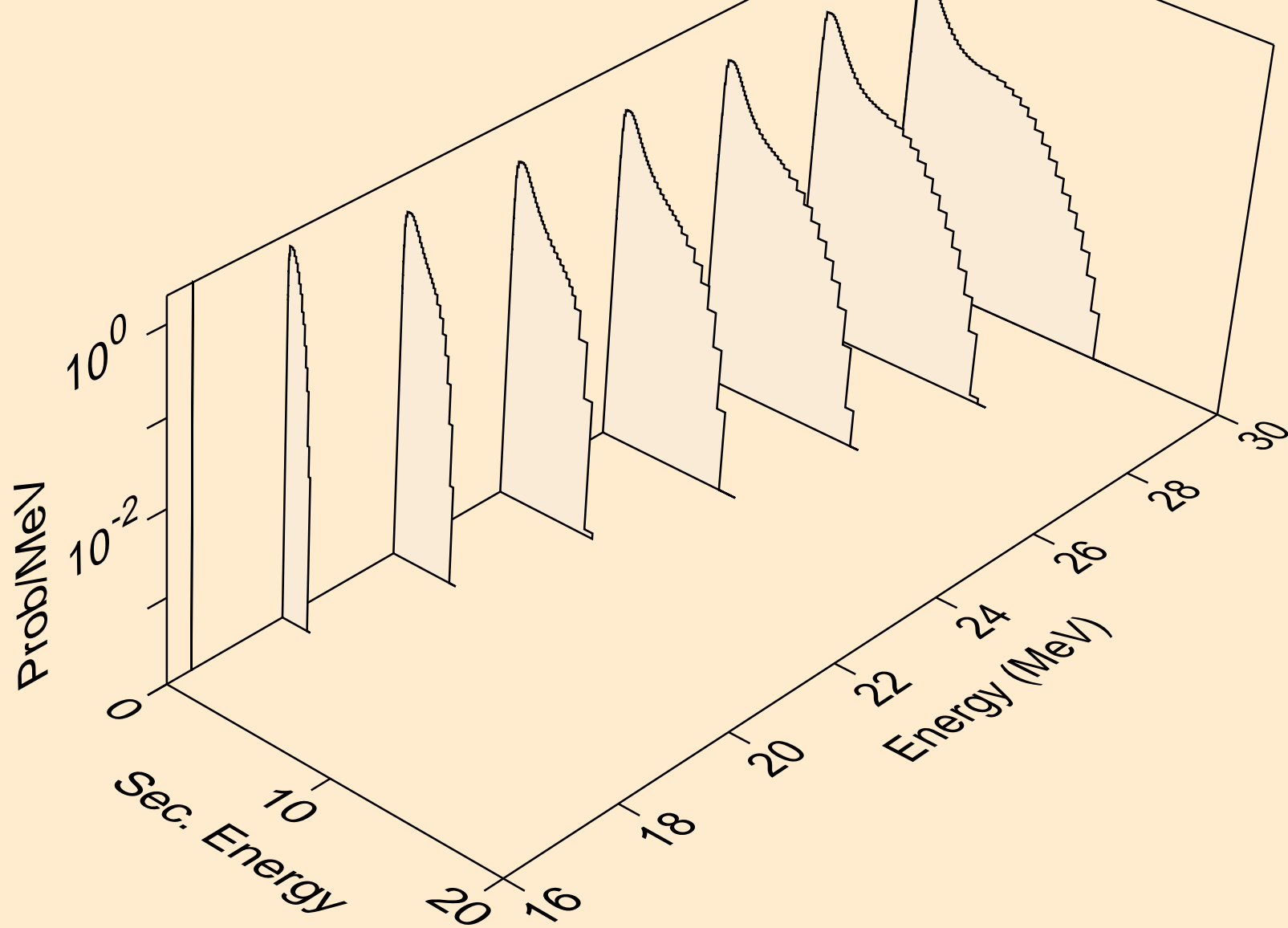
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



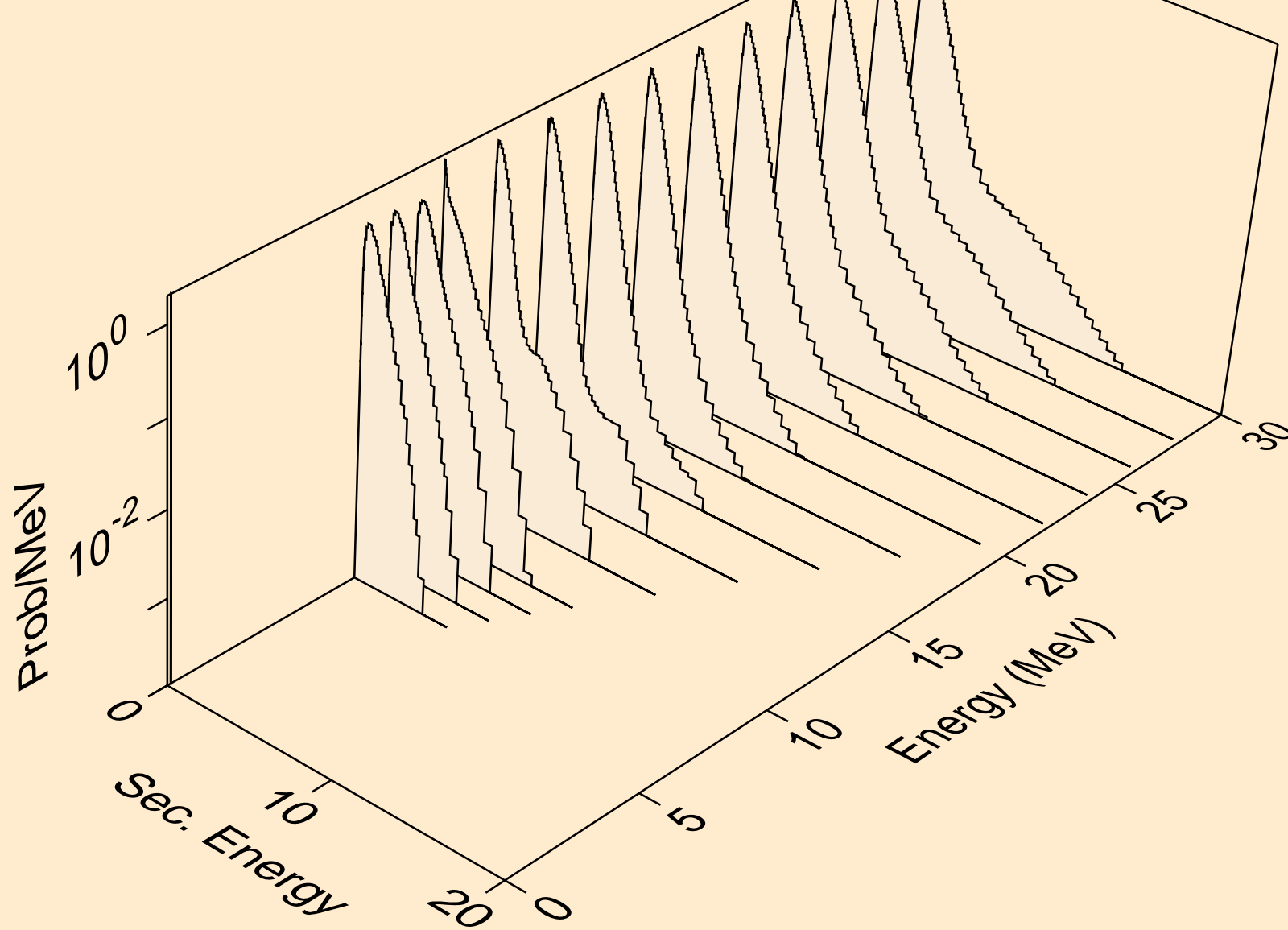
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

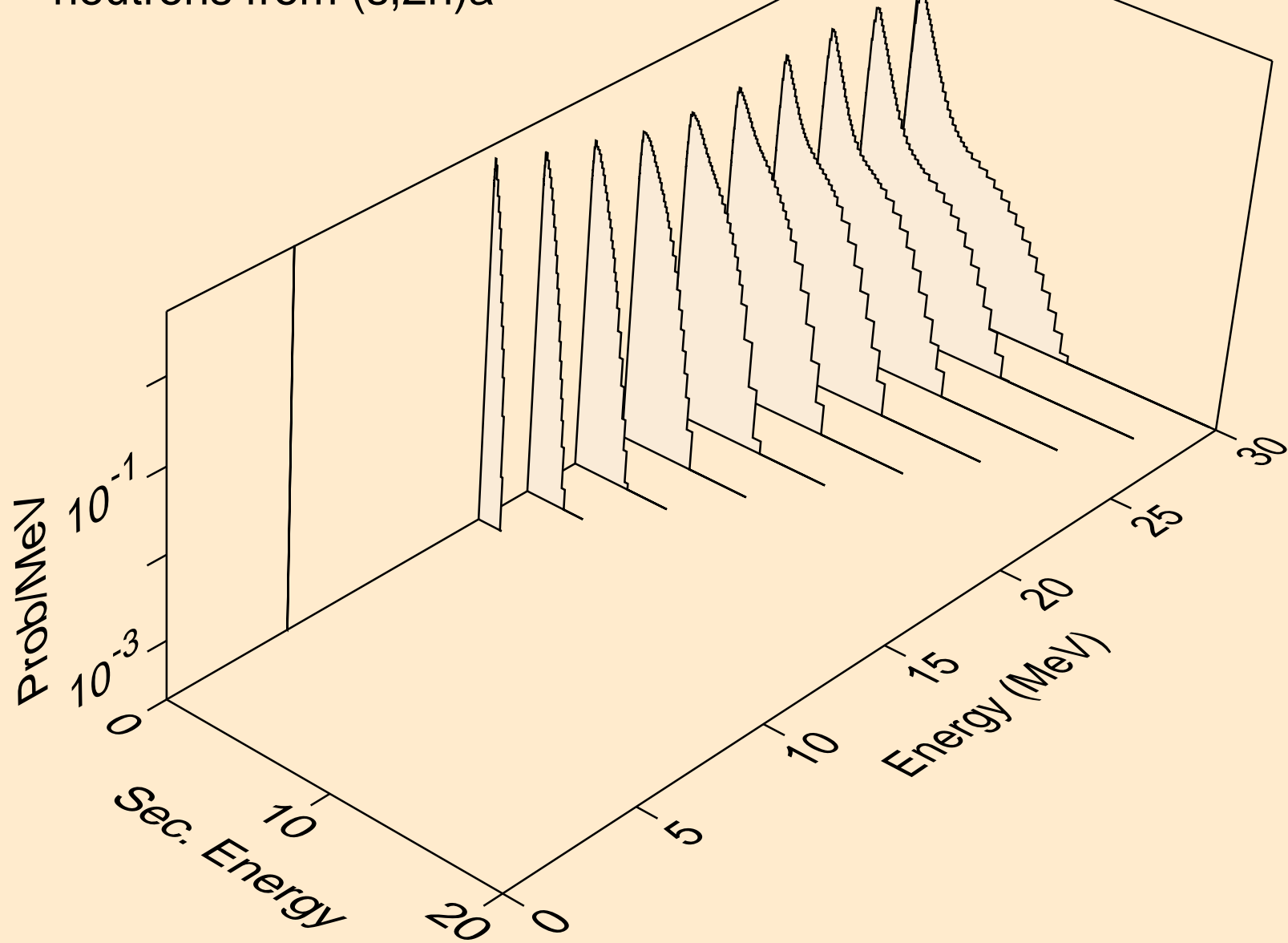


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

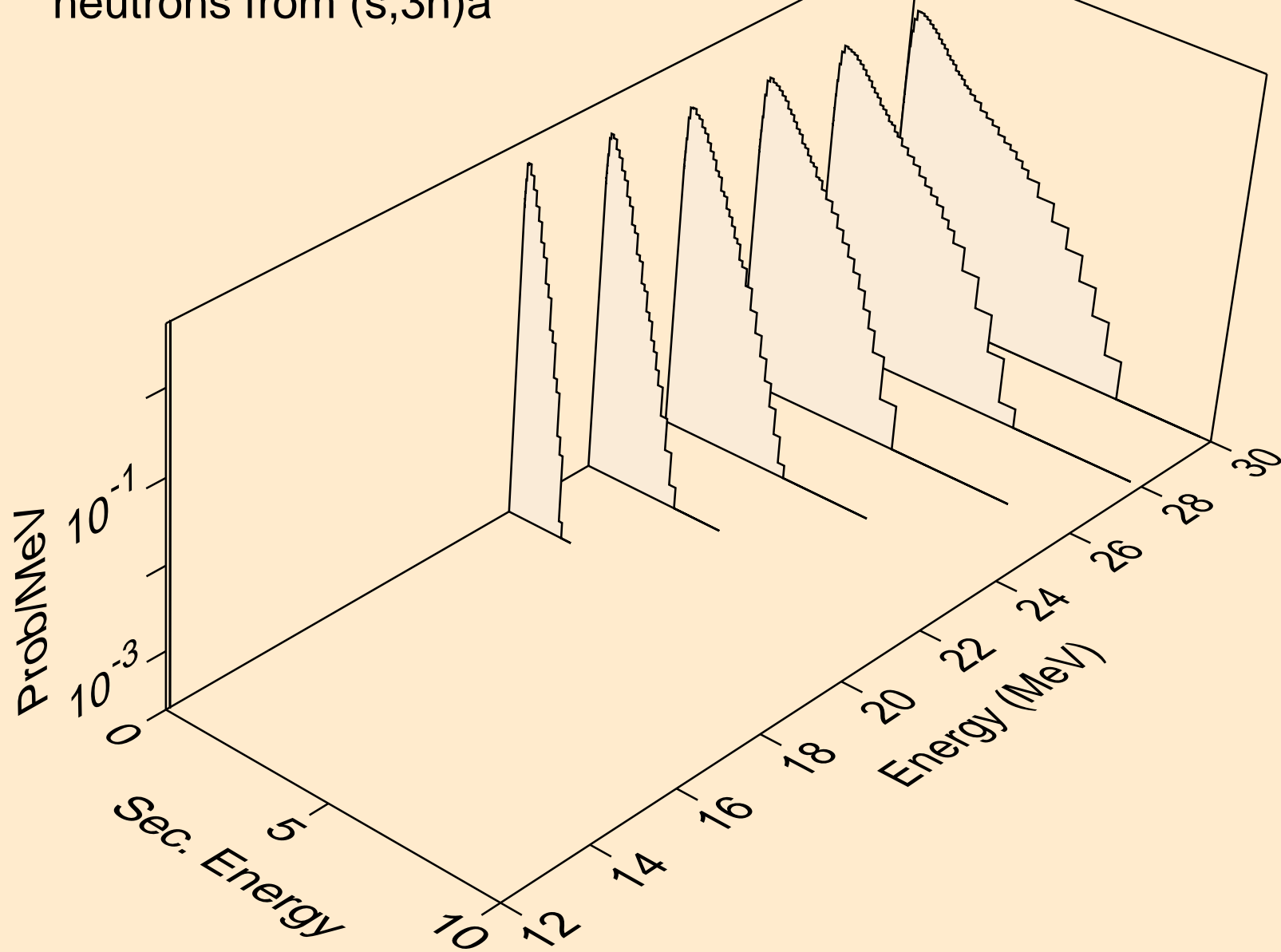




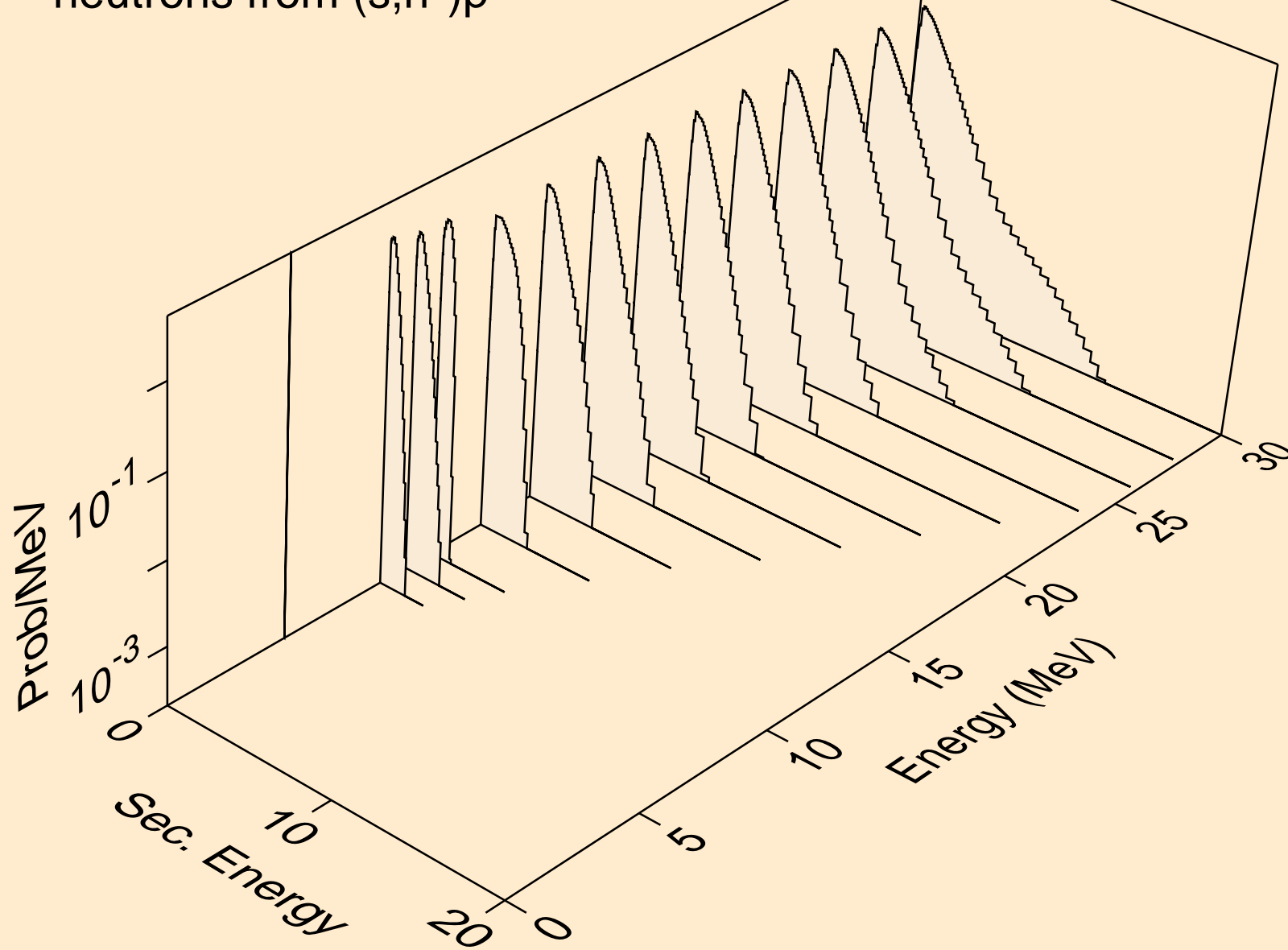
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



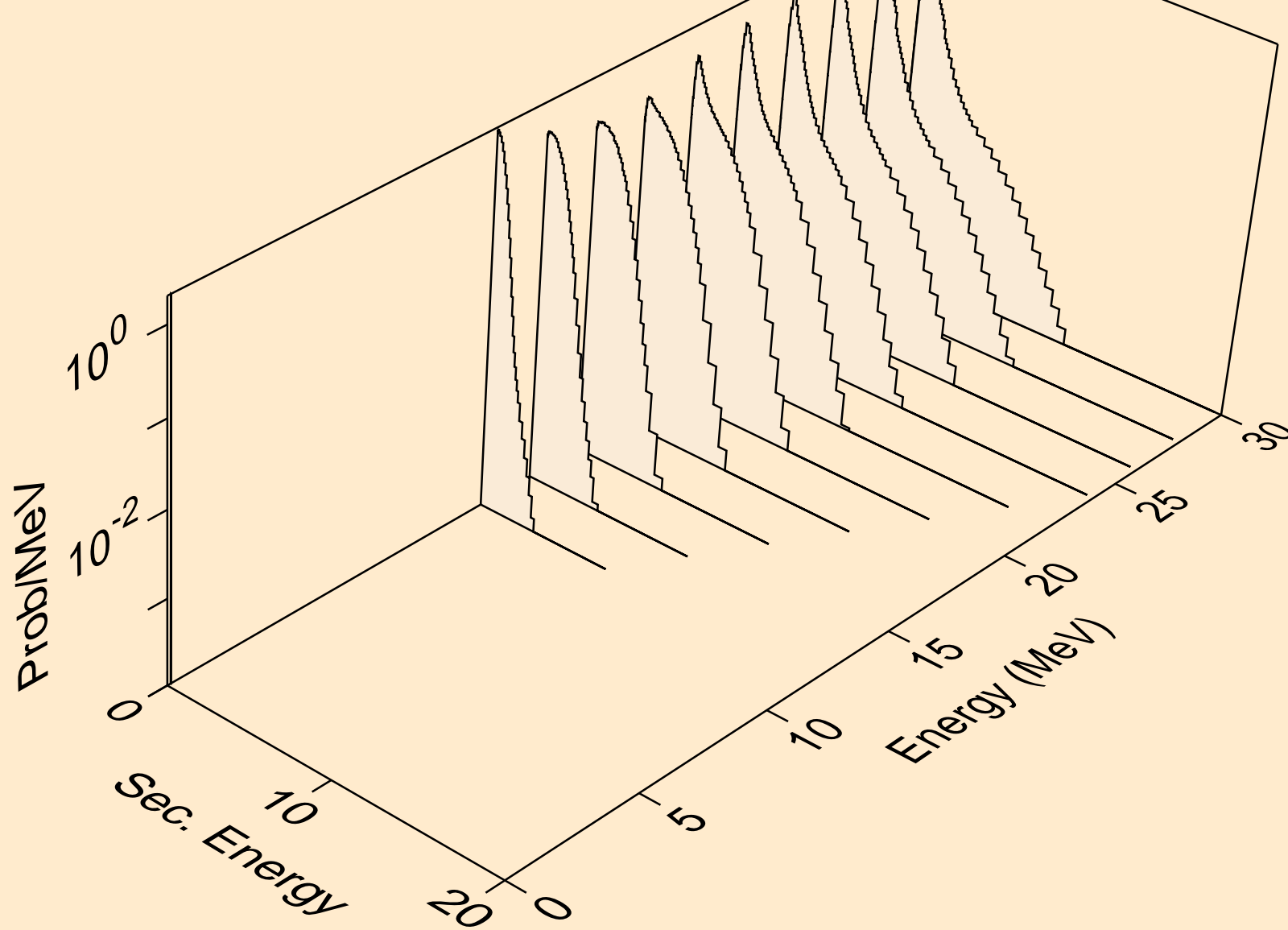
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



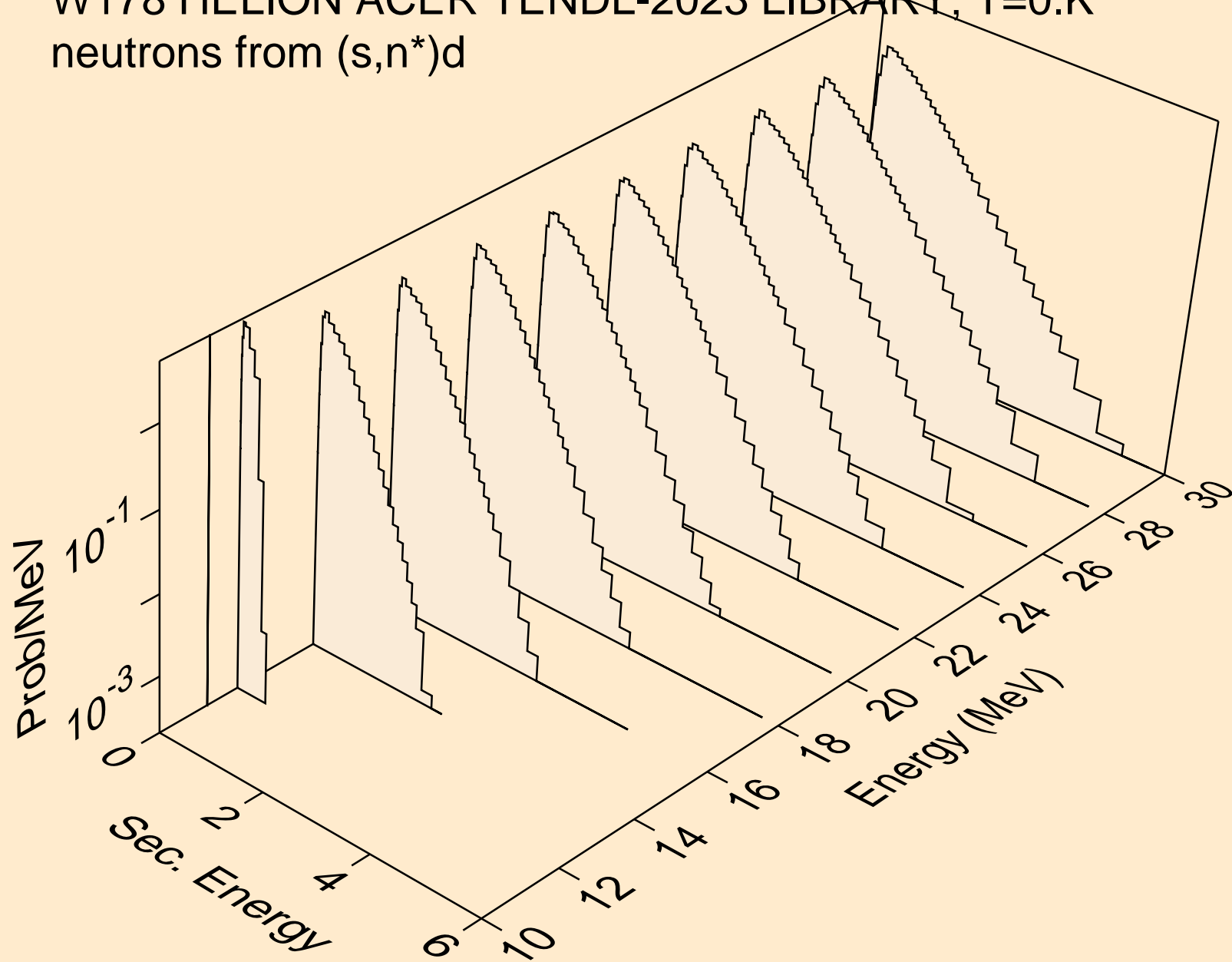
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



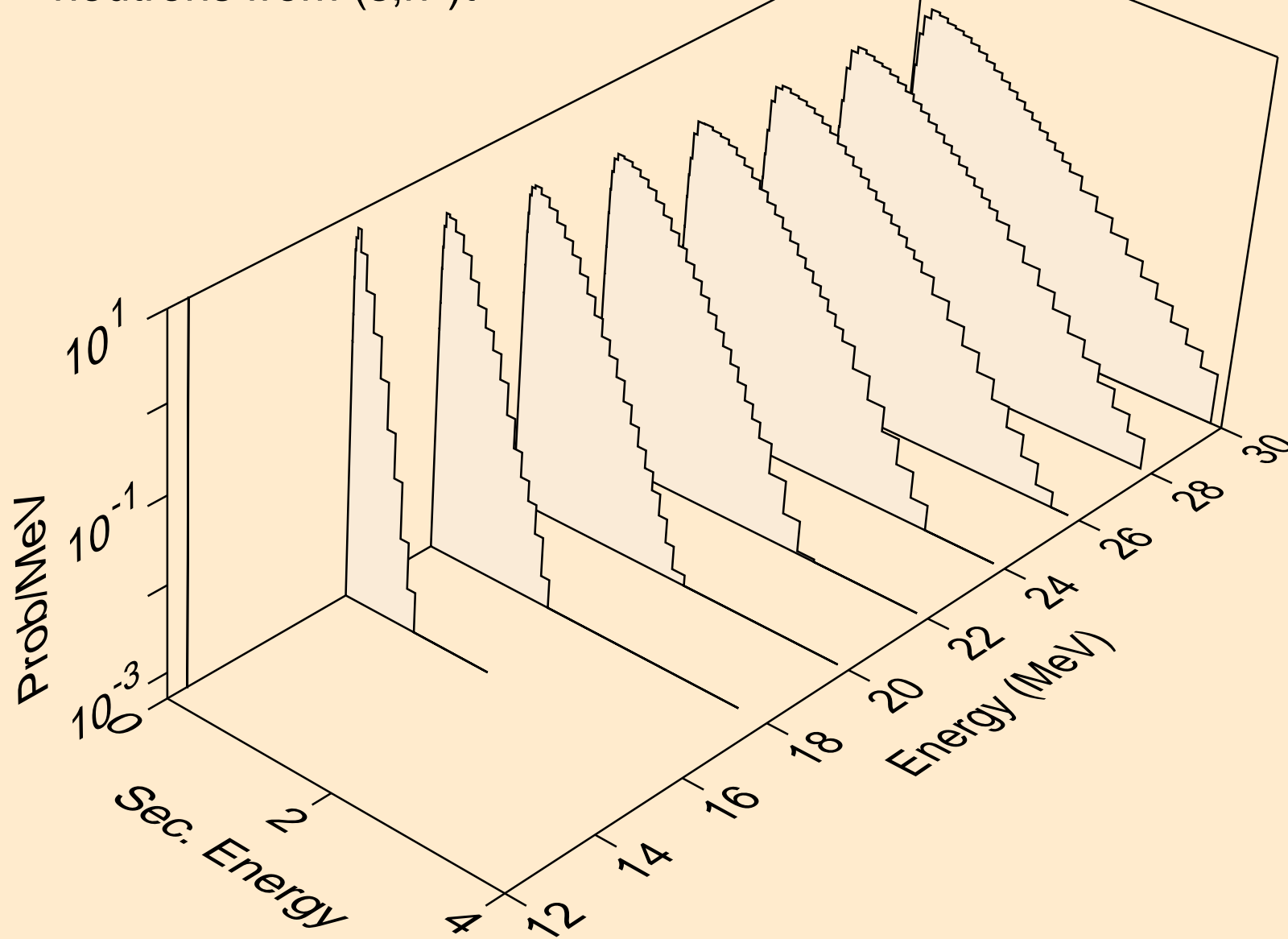
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



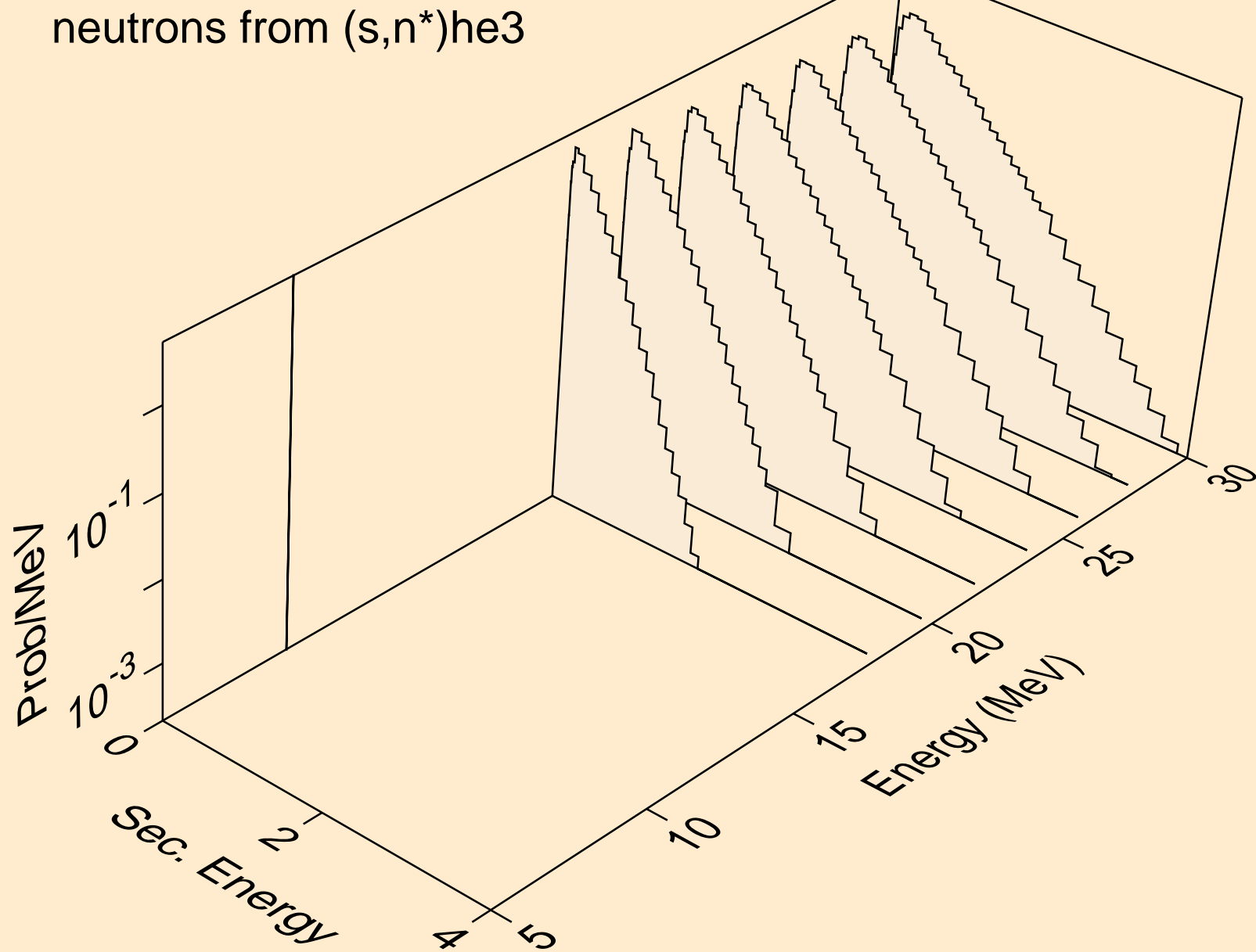
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



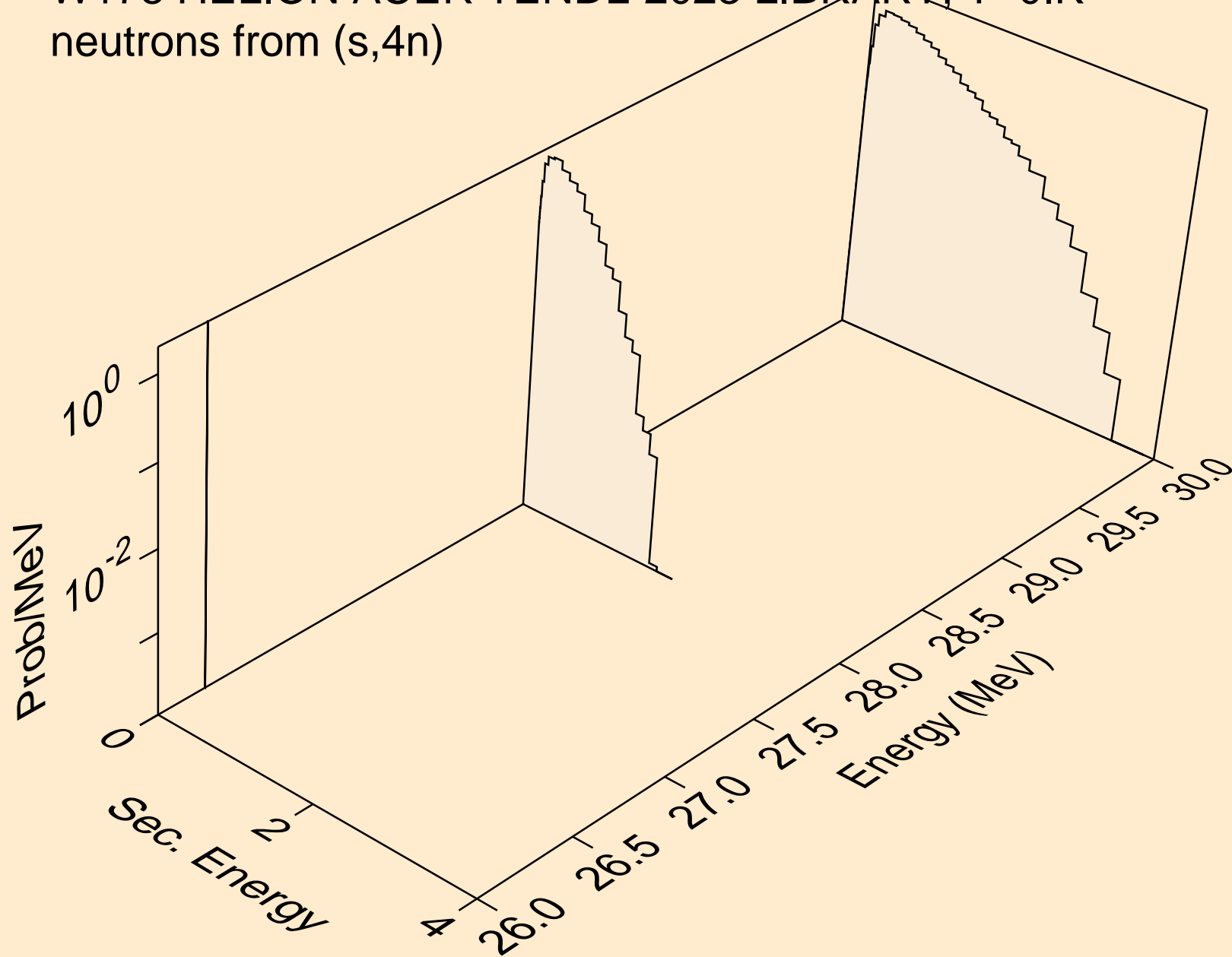
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

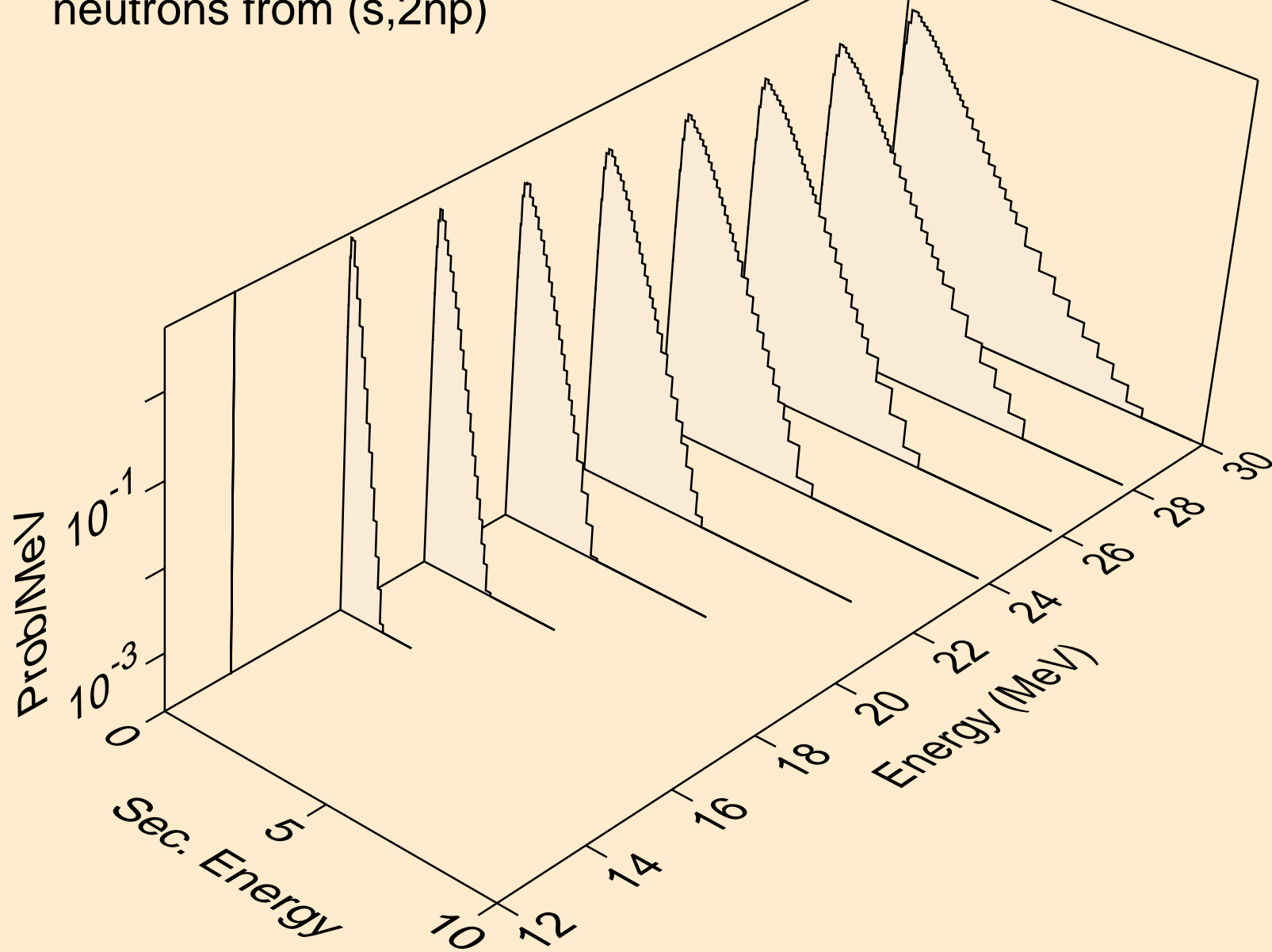


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

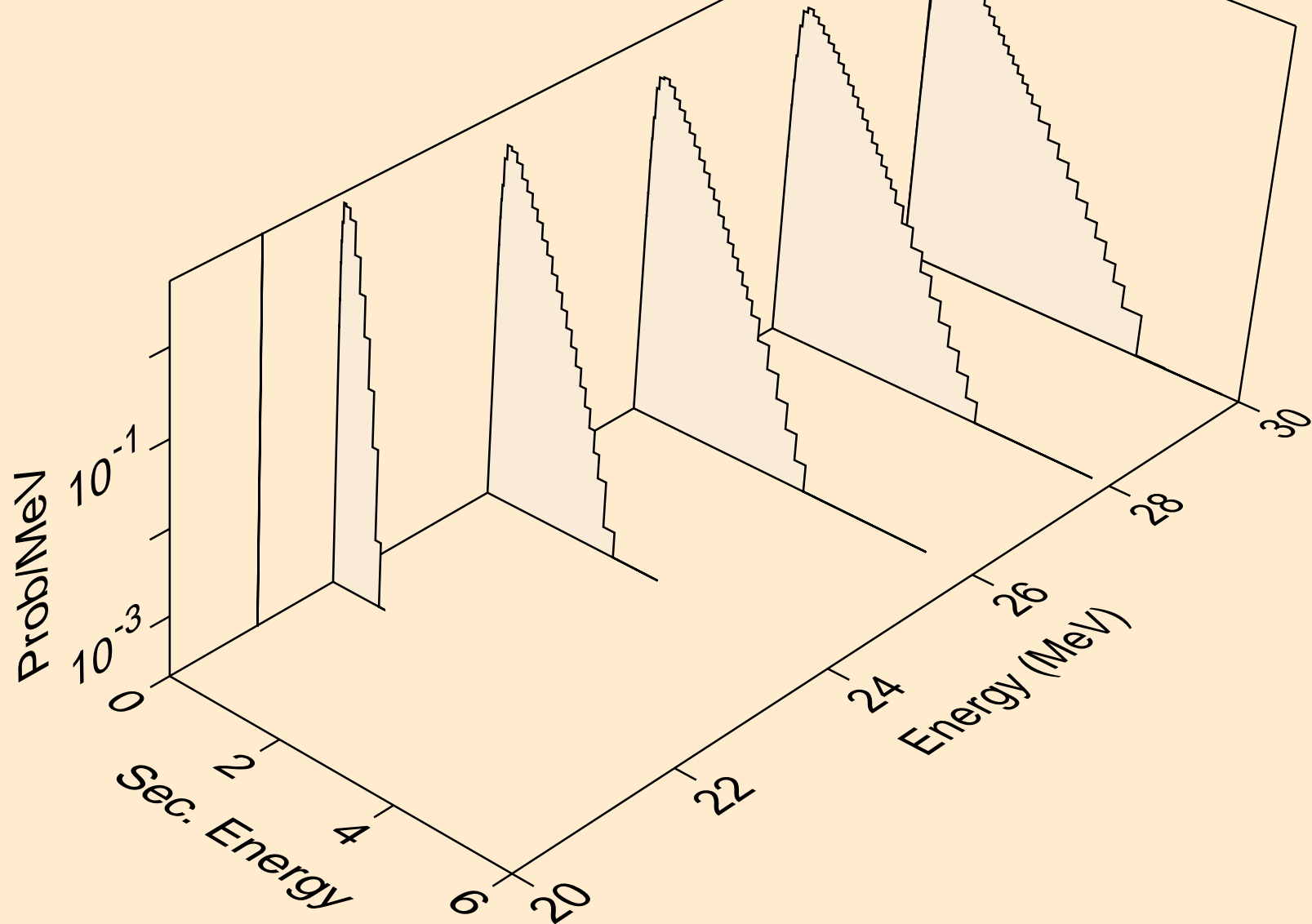




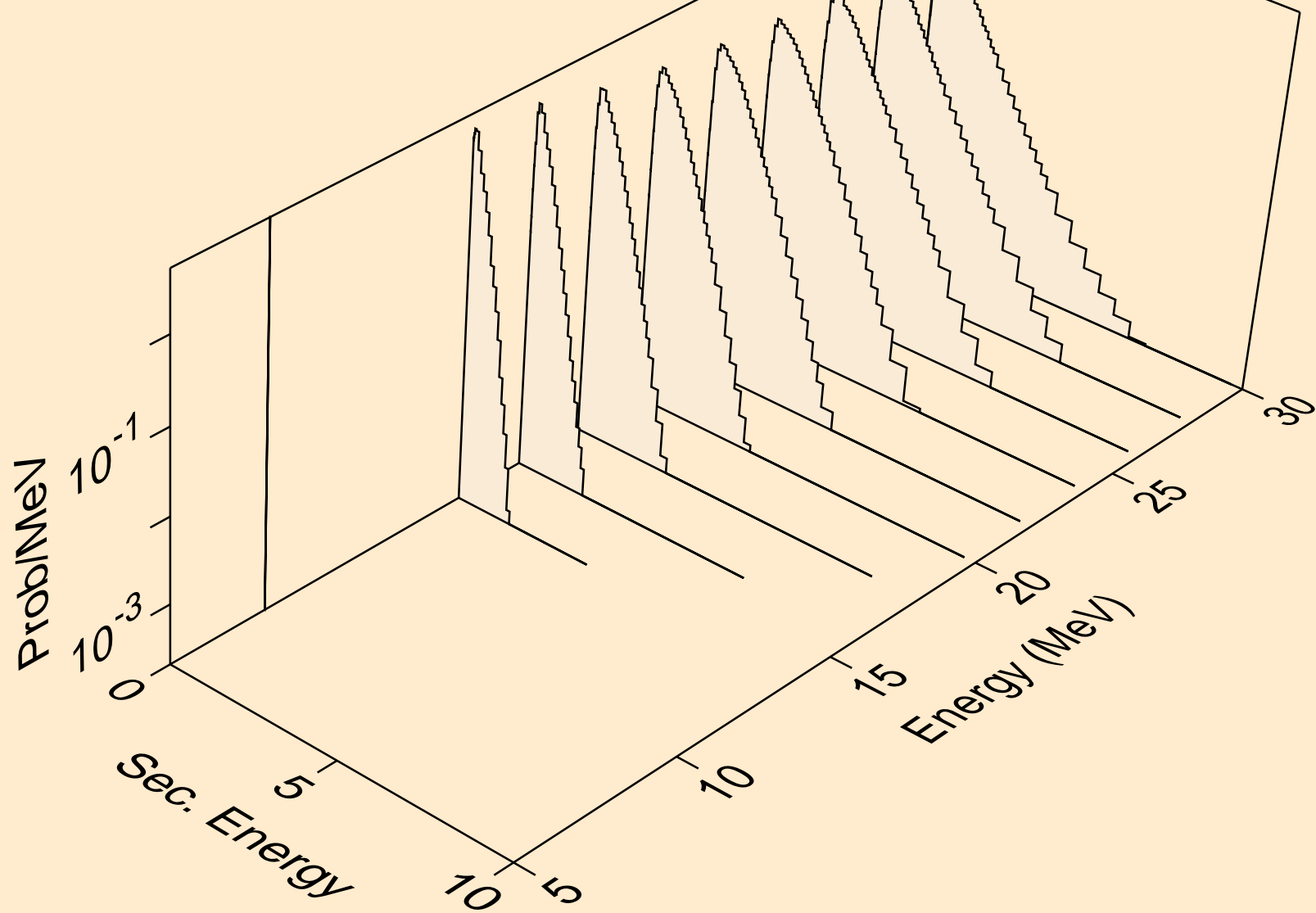
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



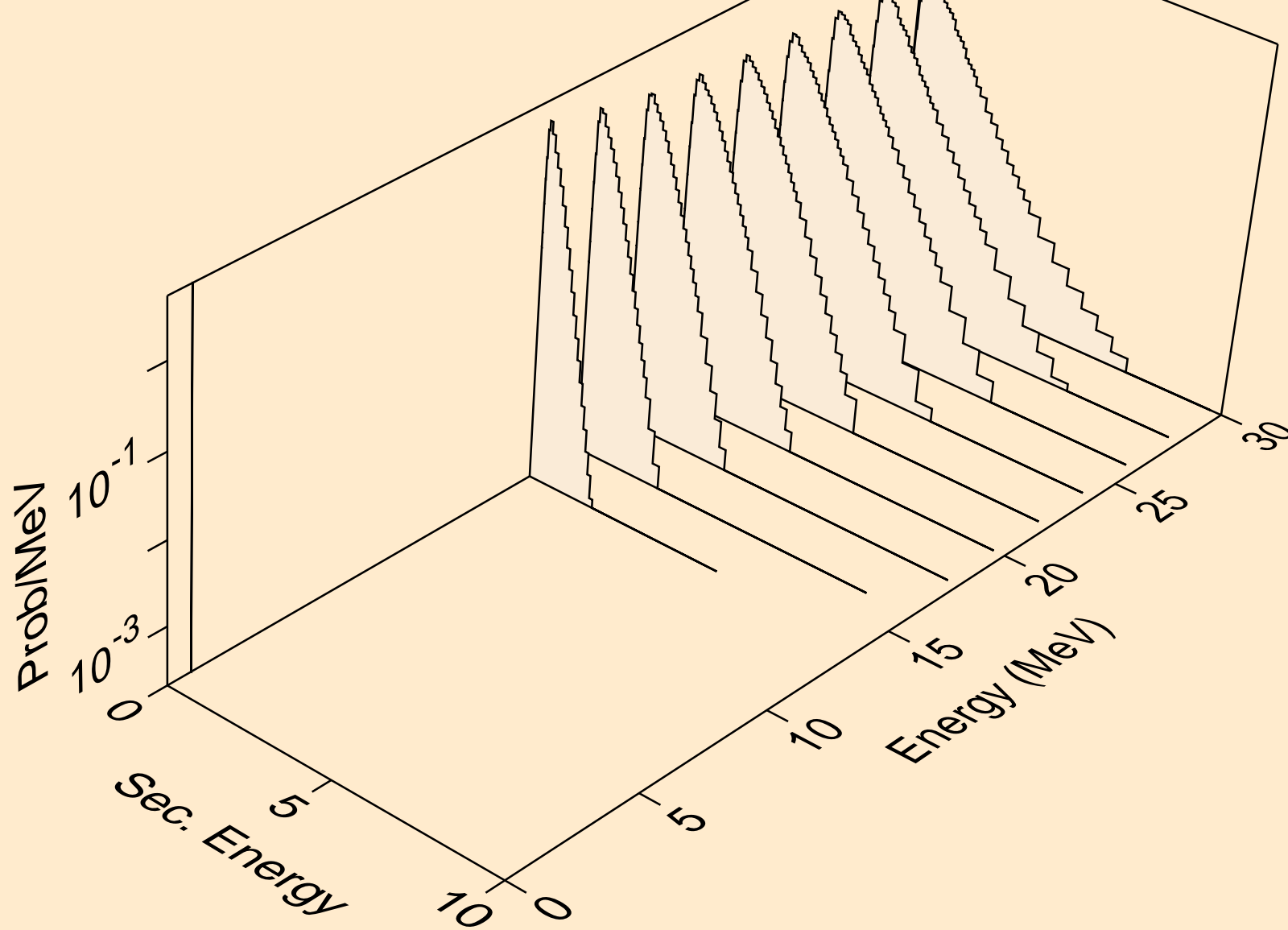
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



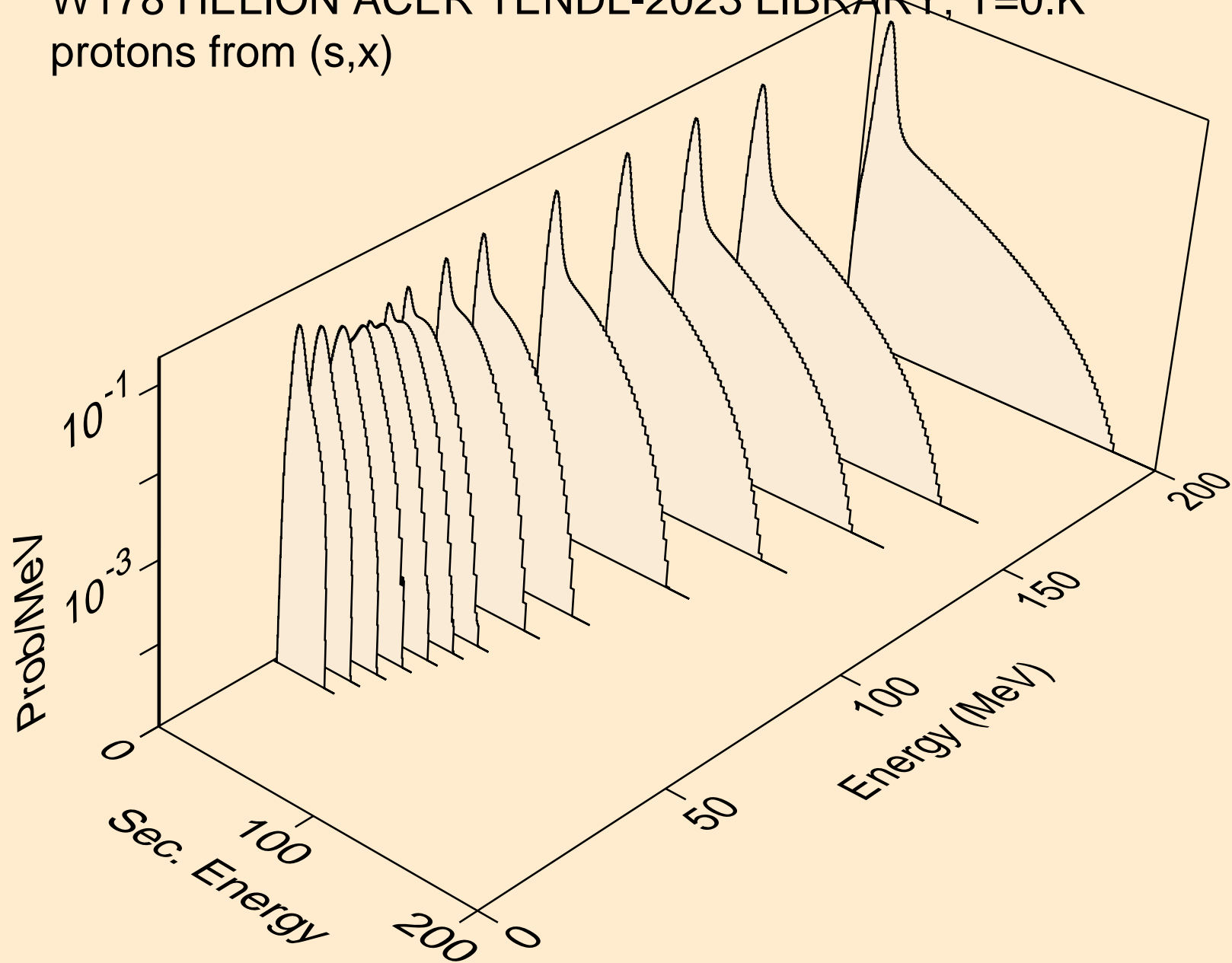
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



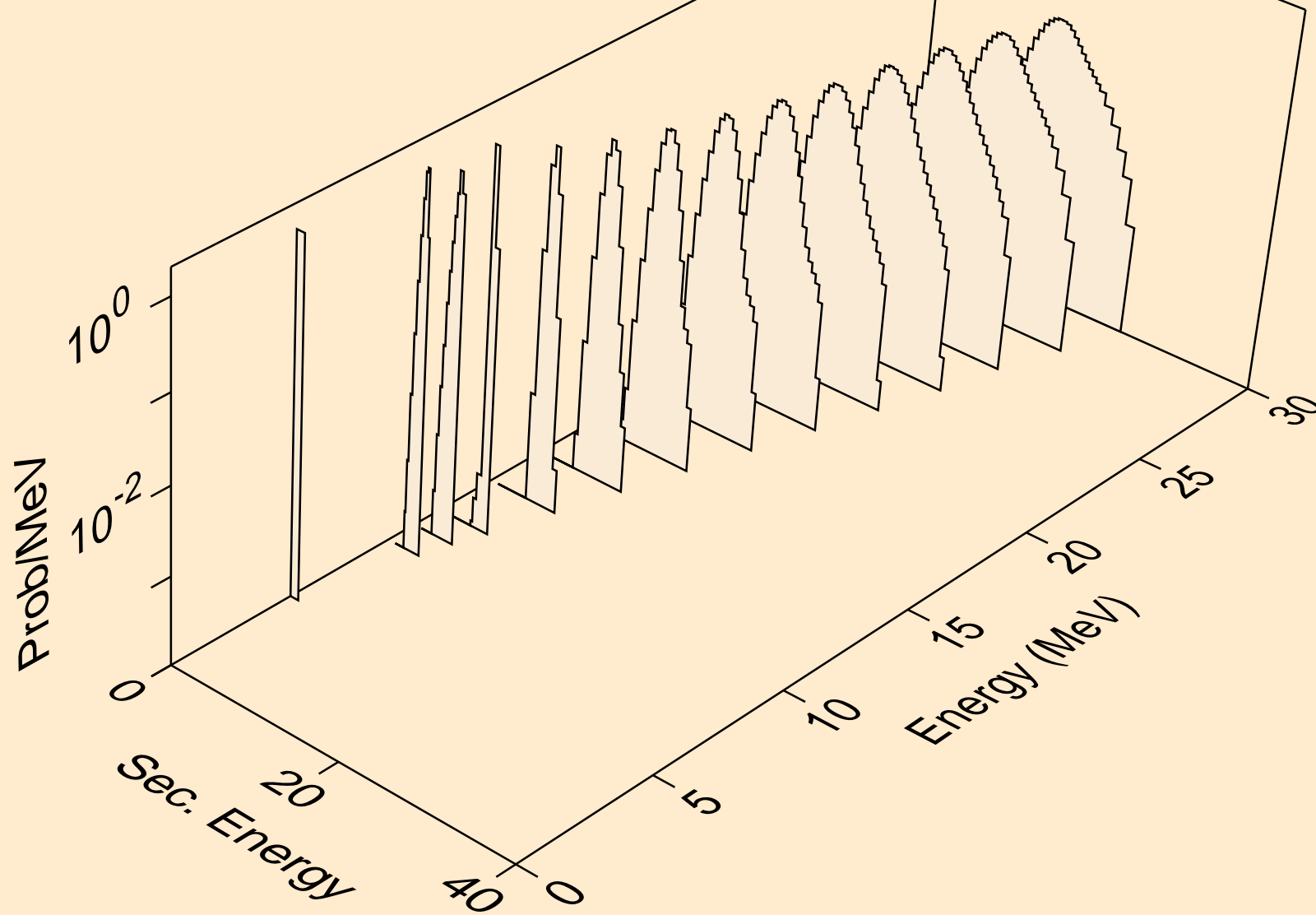
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



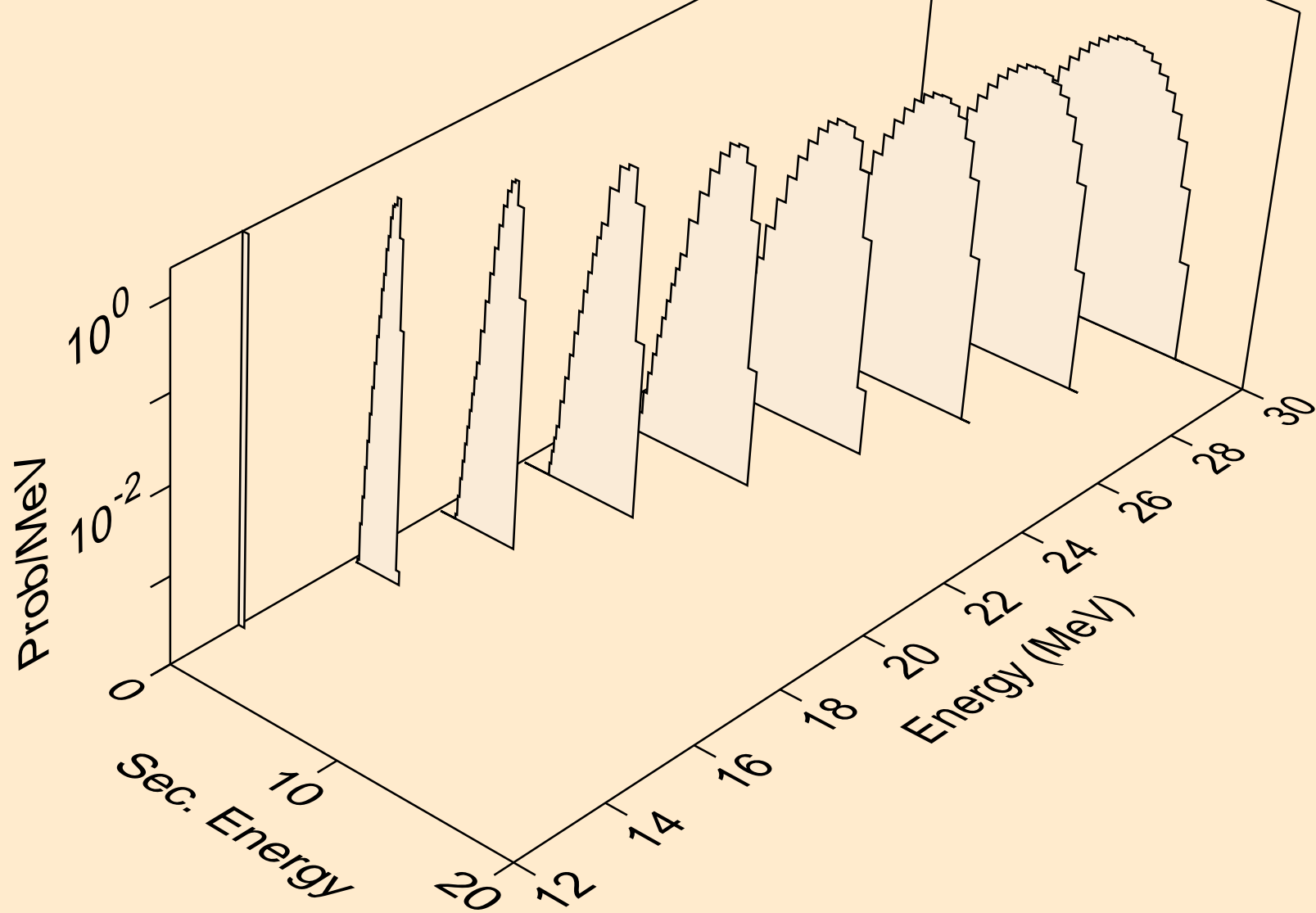
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



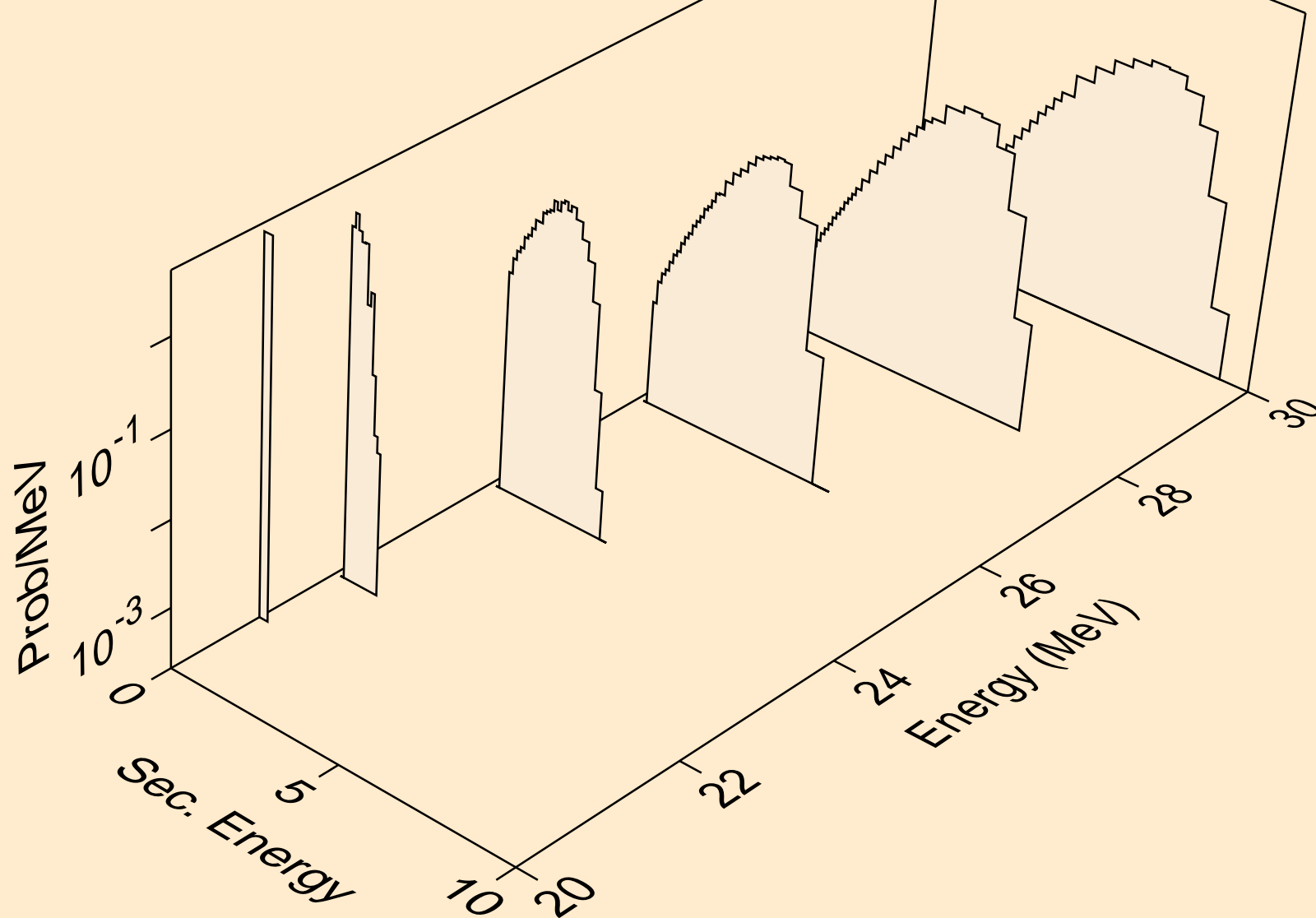
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

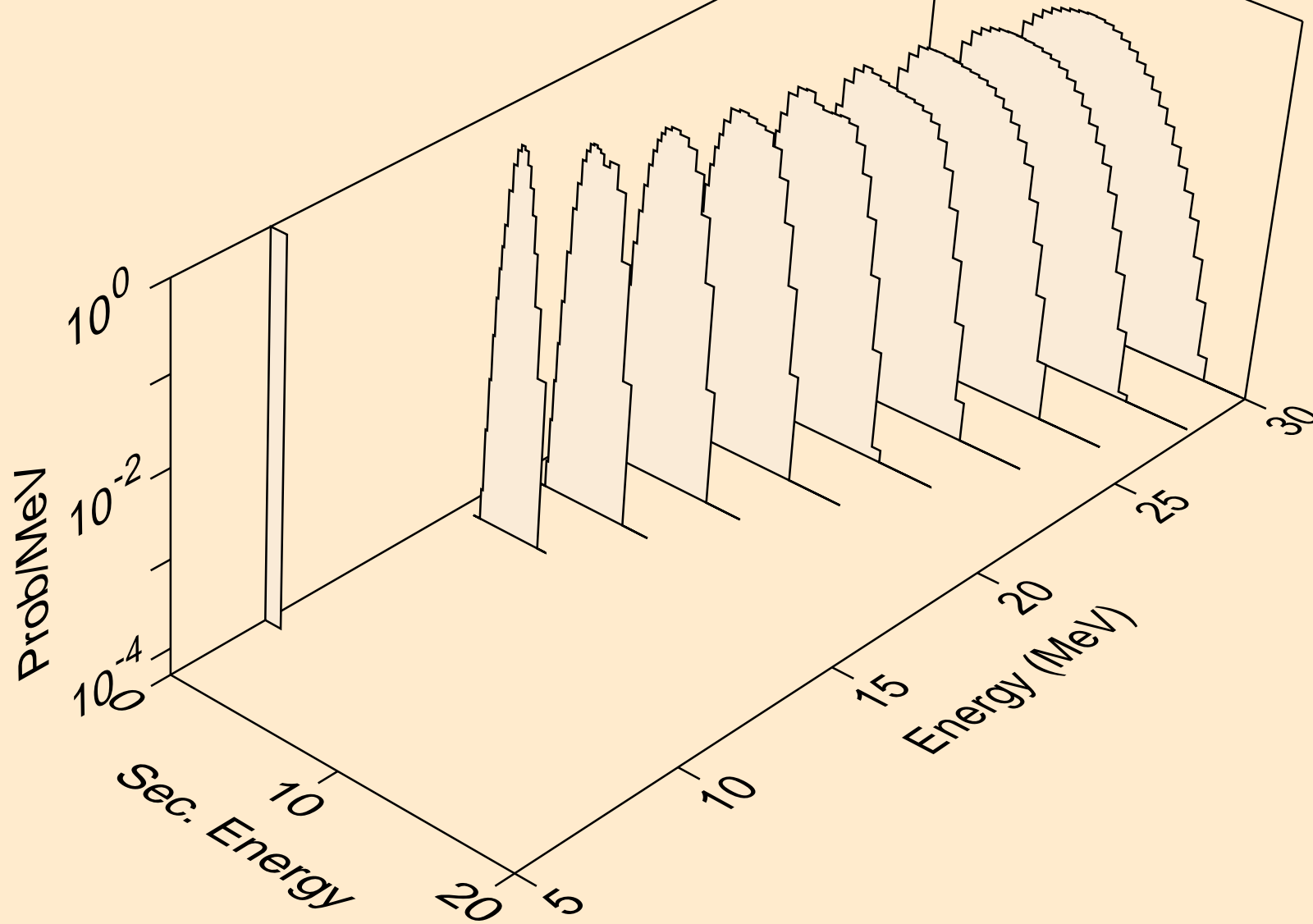


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)

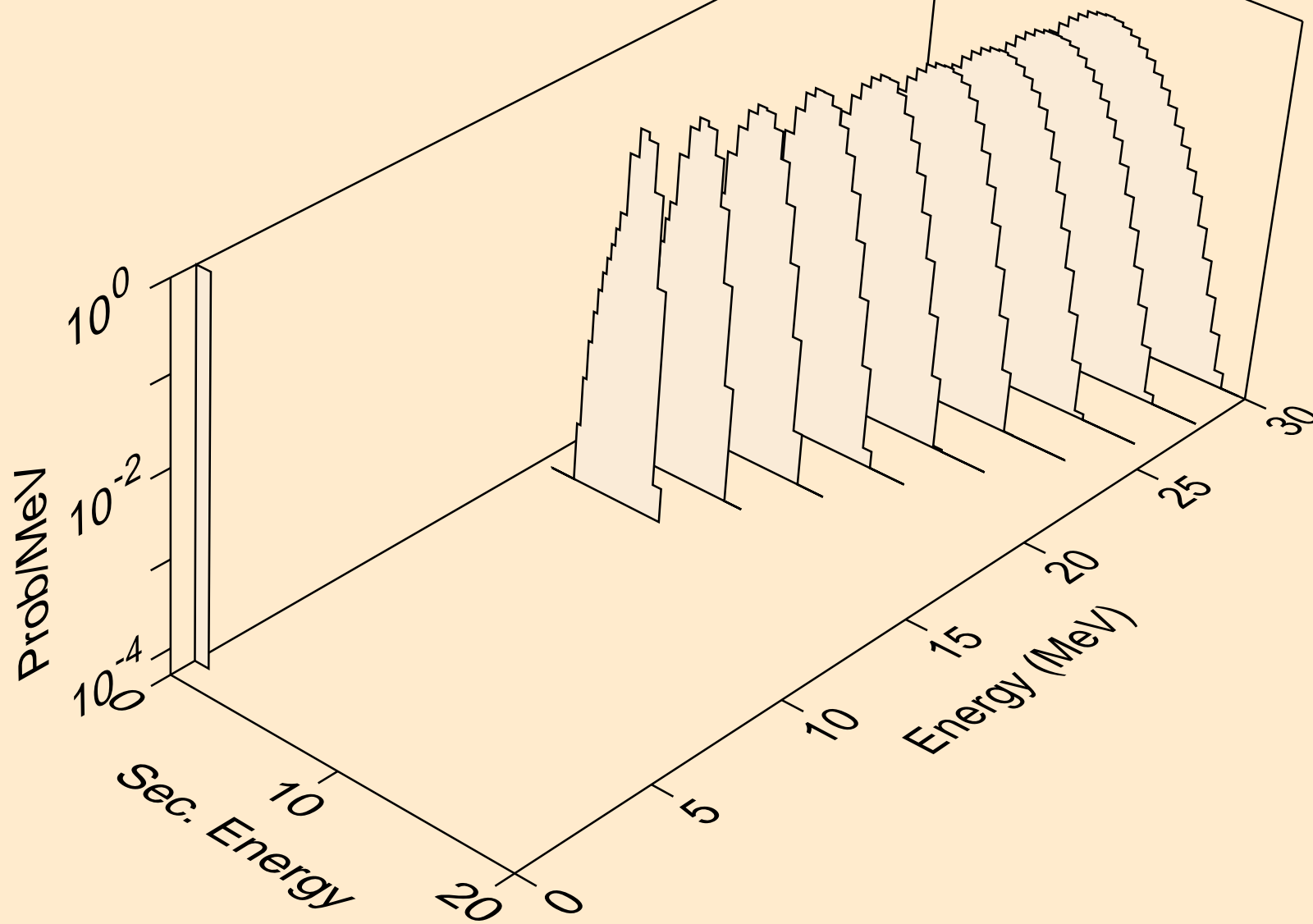




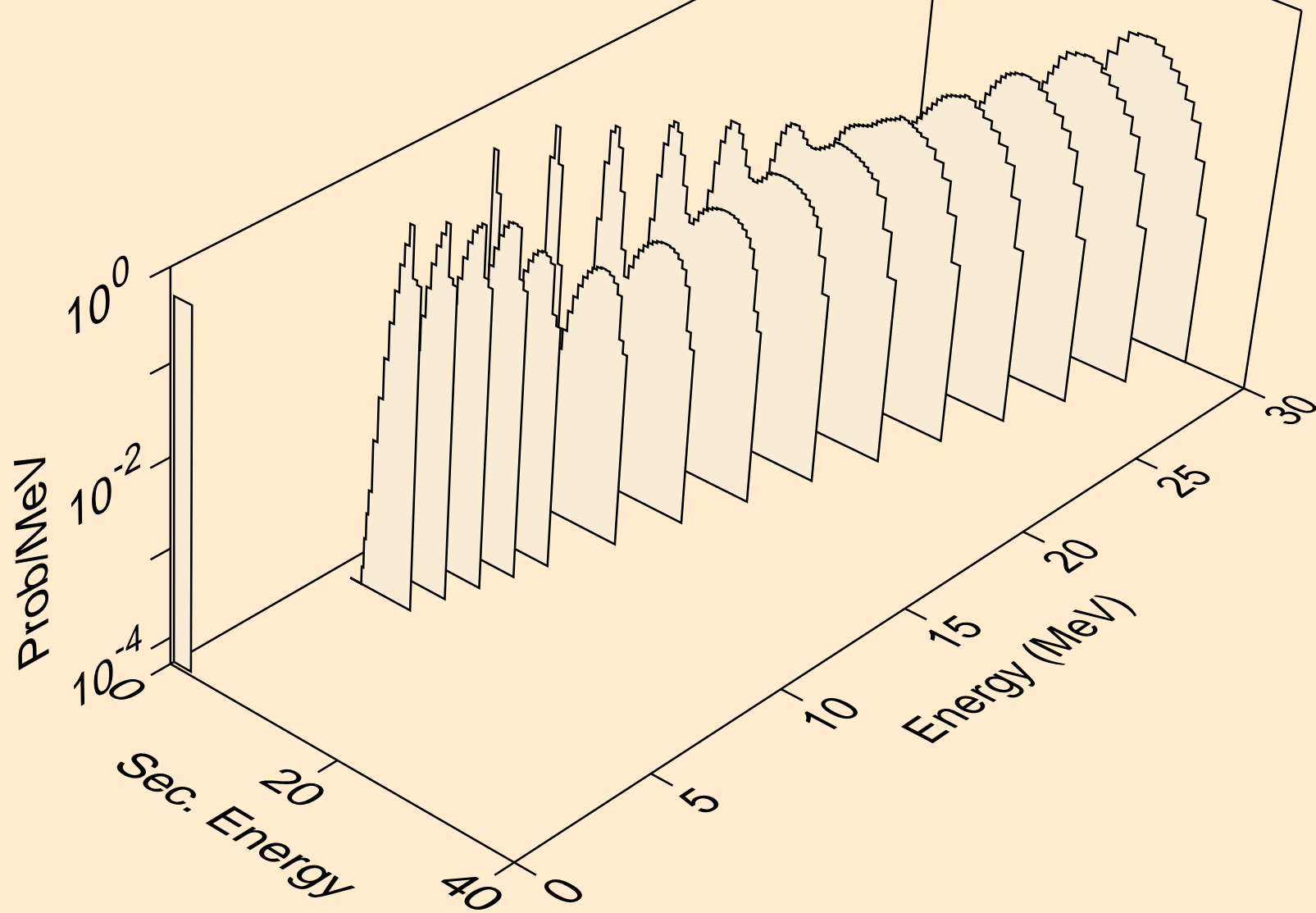
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



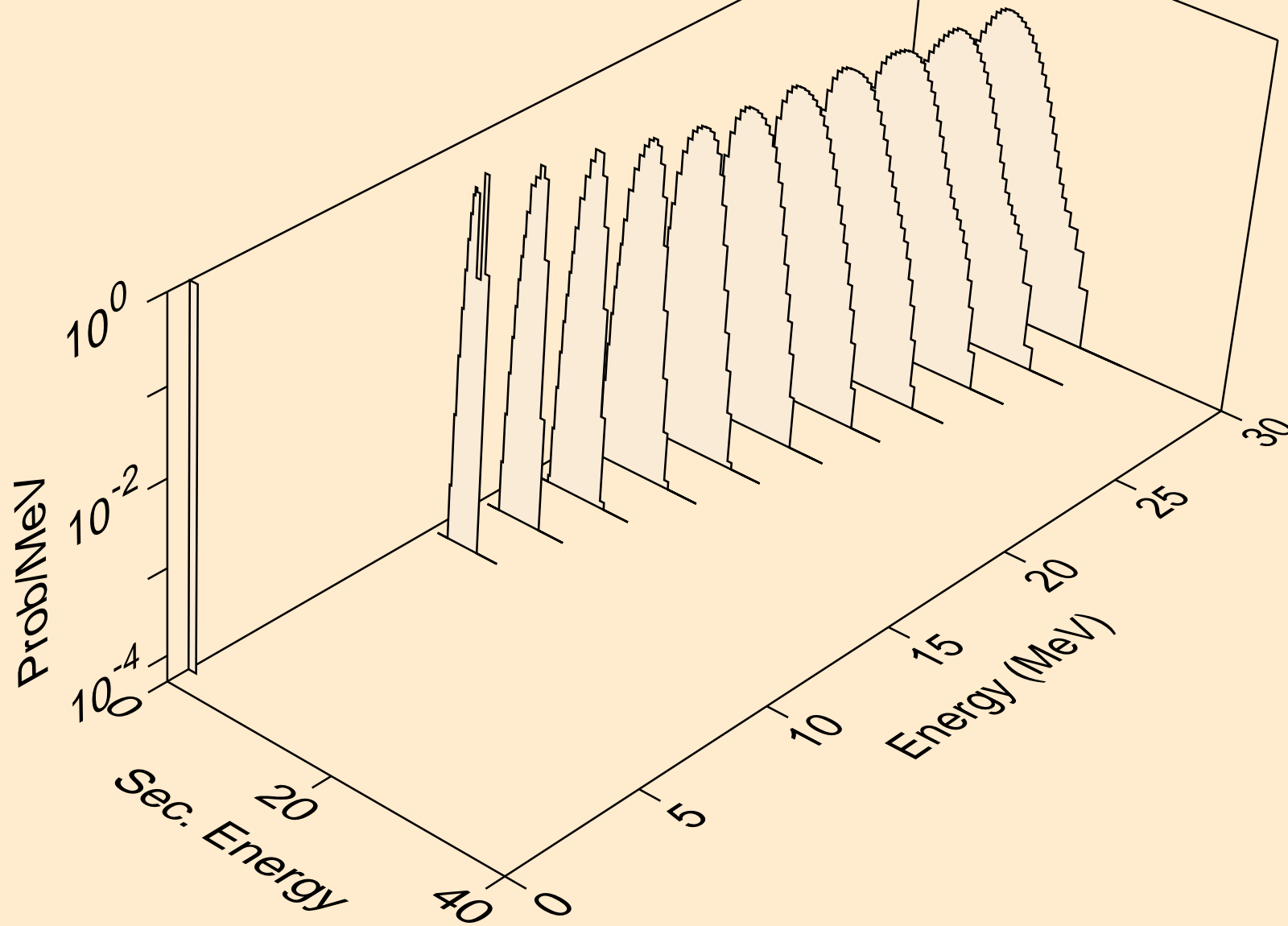
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



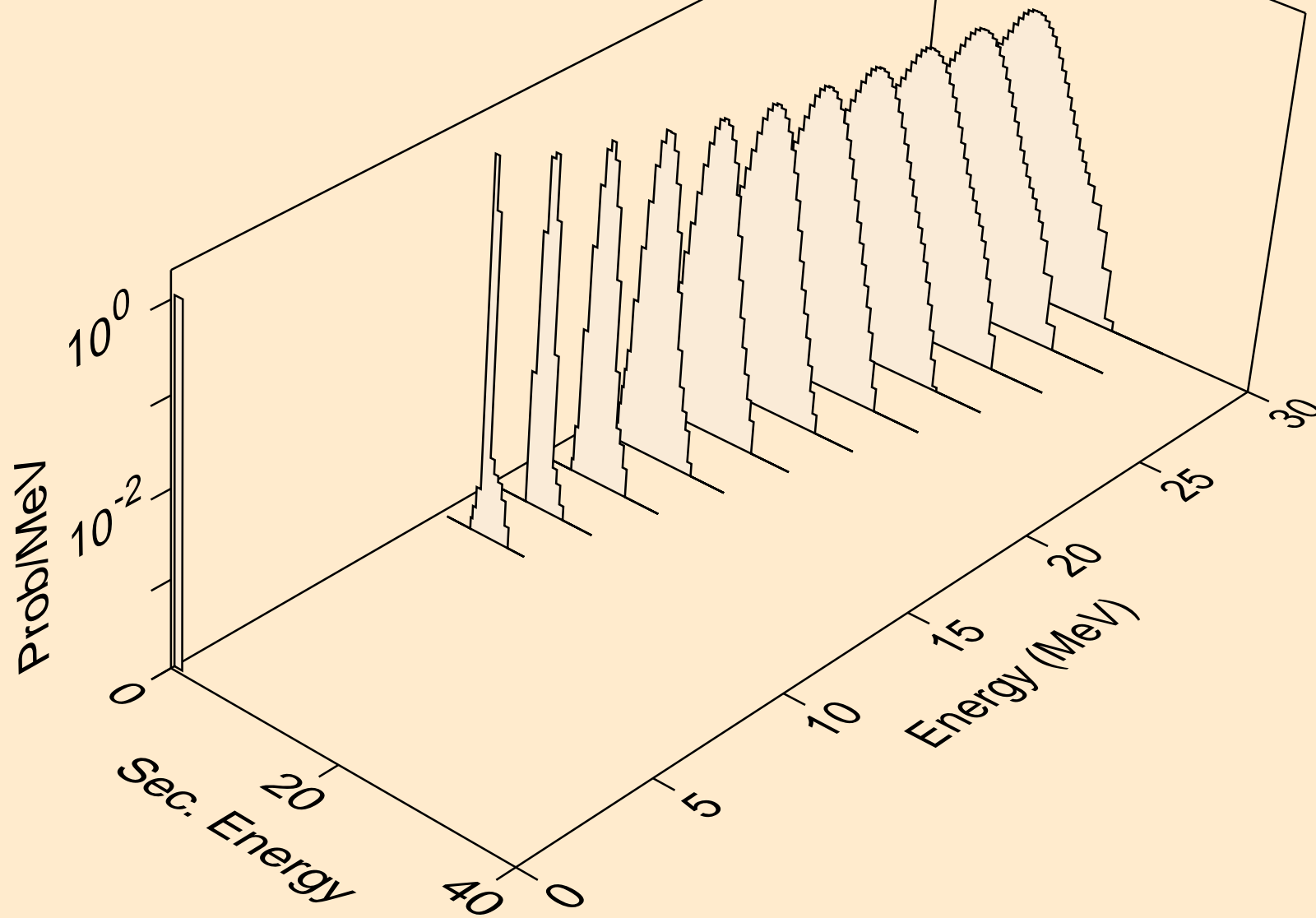
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



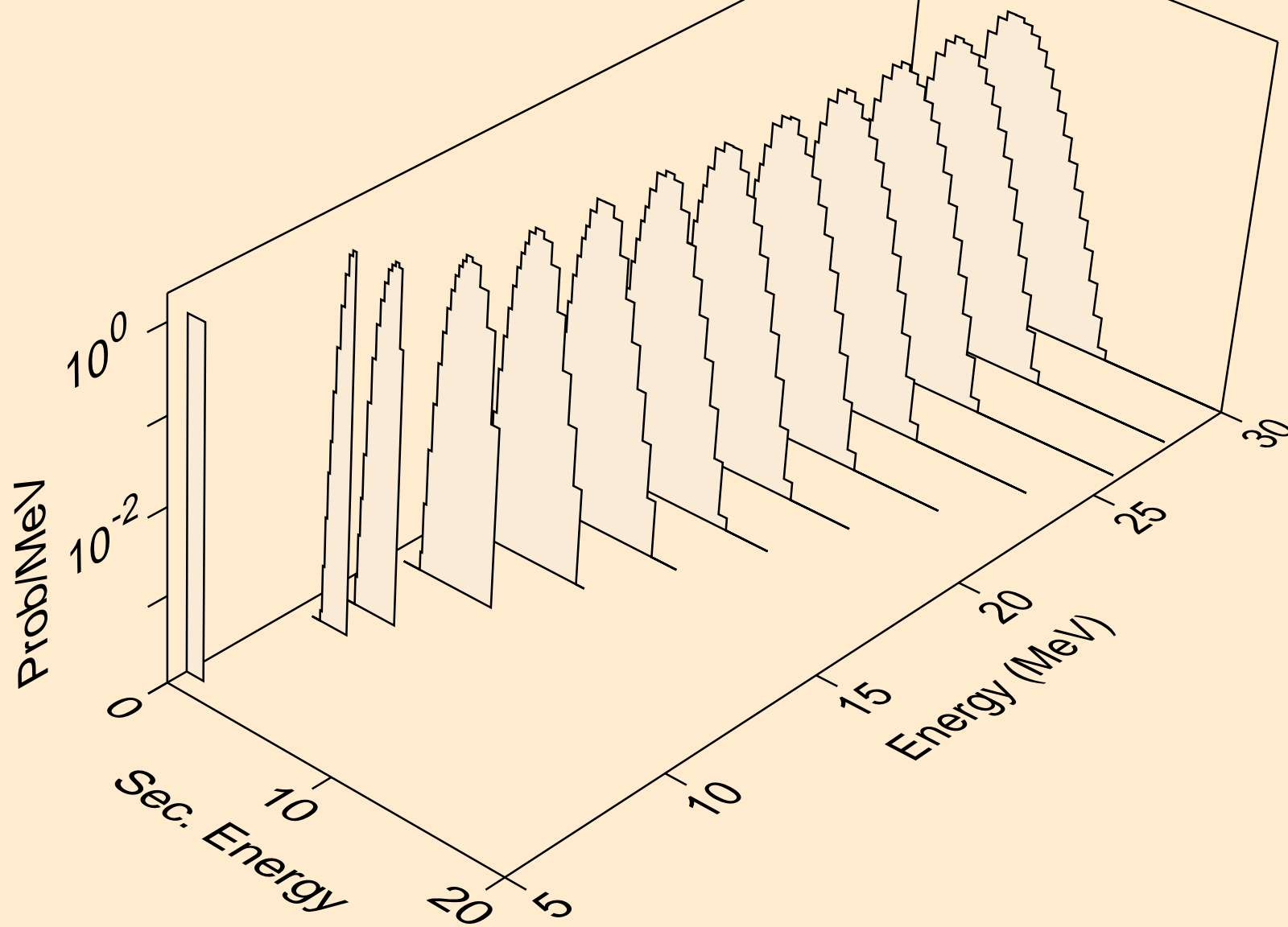
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



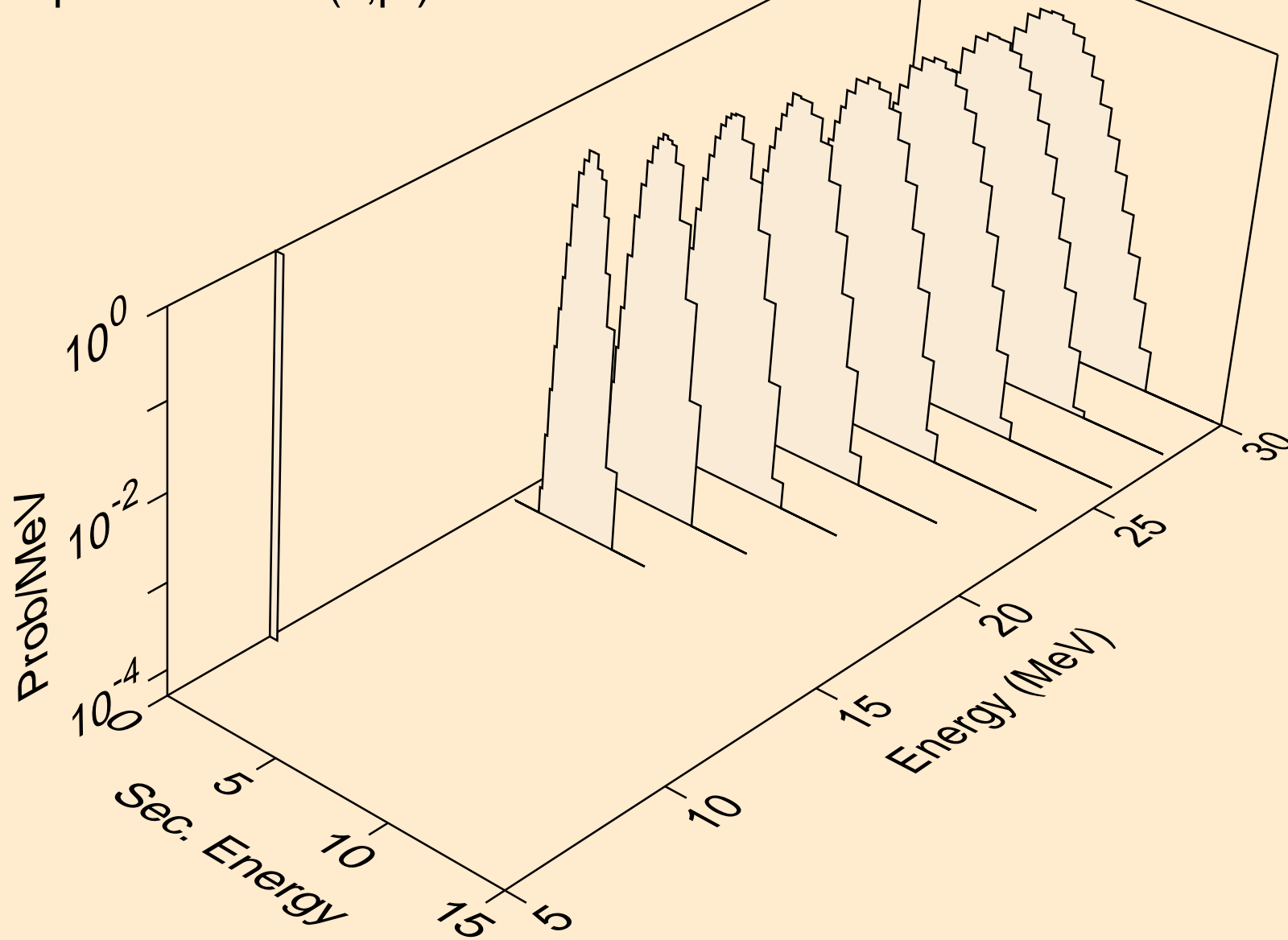
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



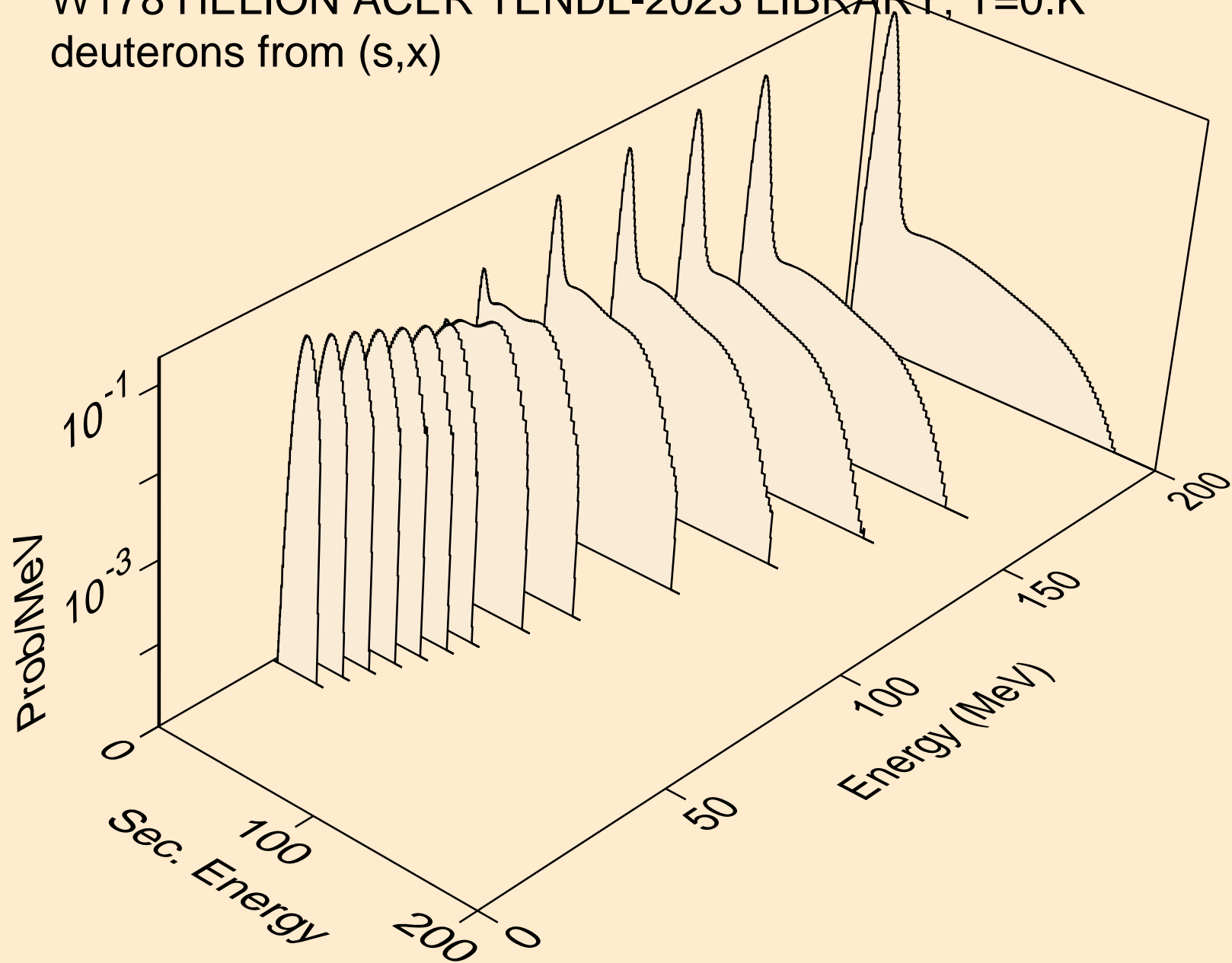
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

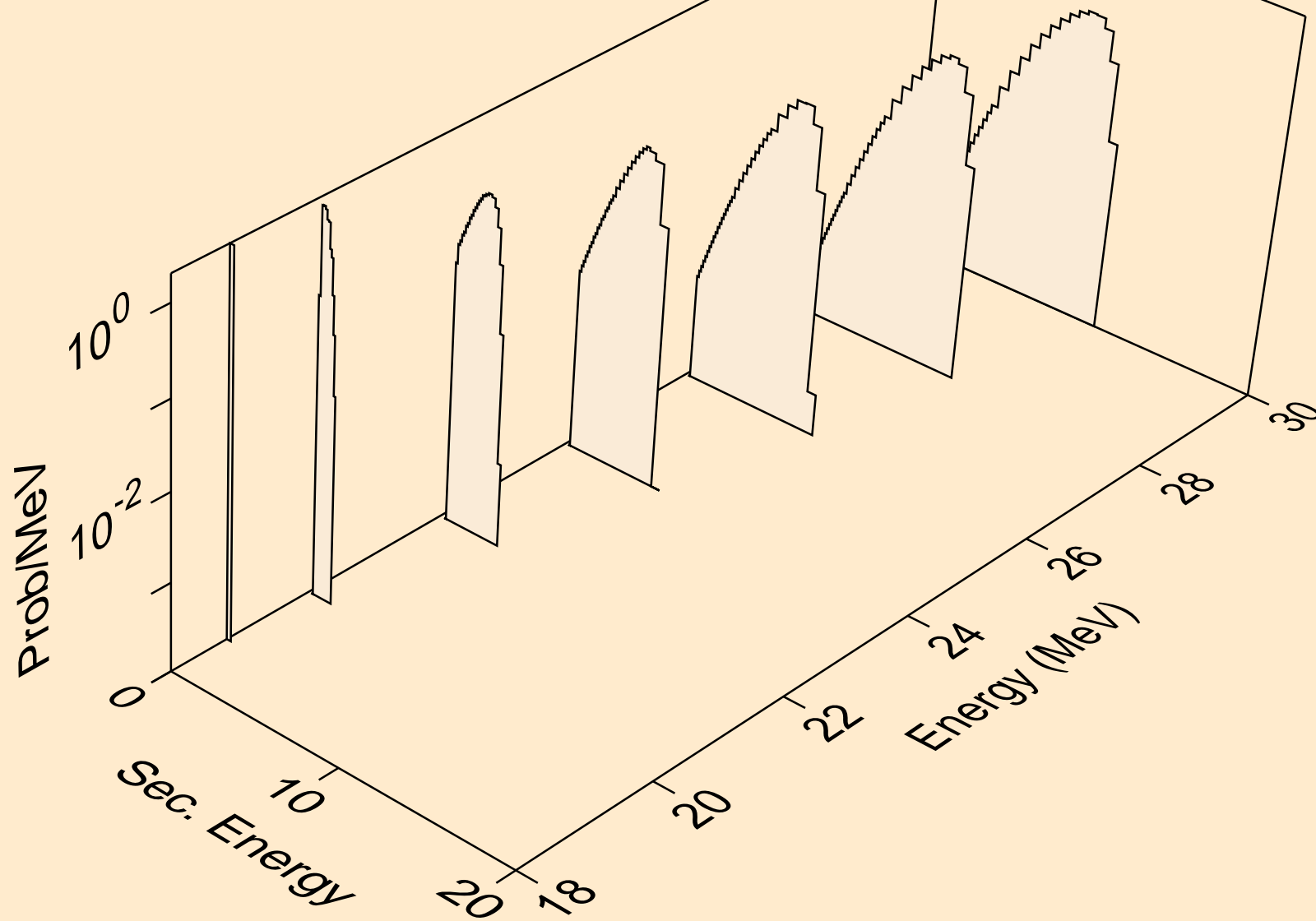


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

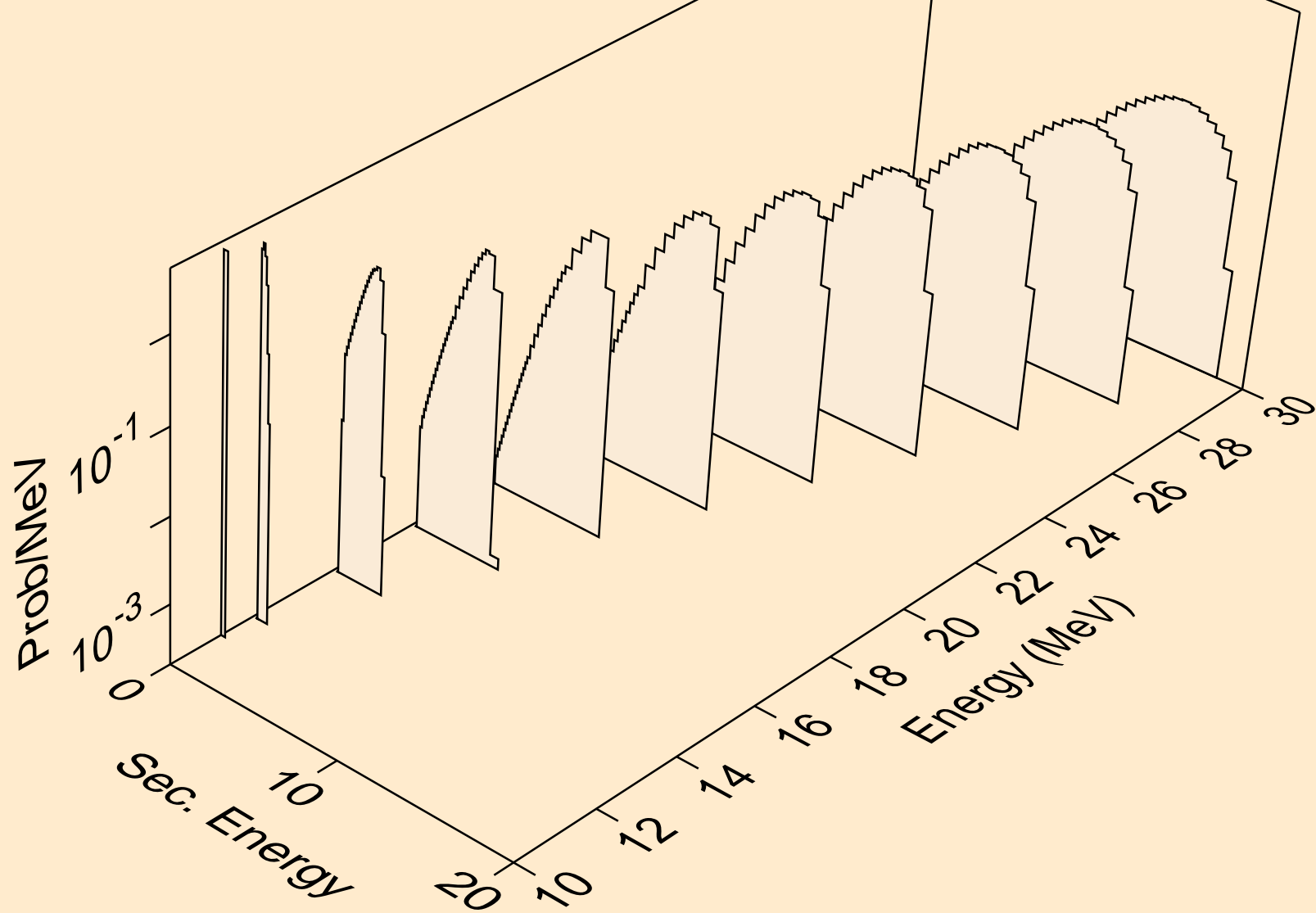




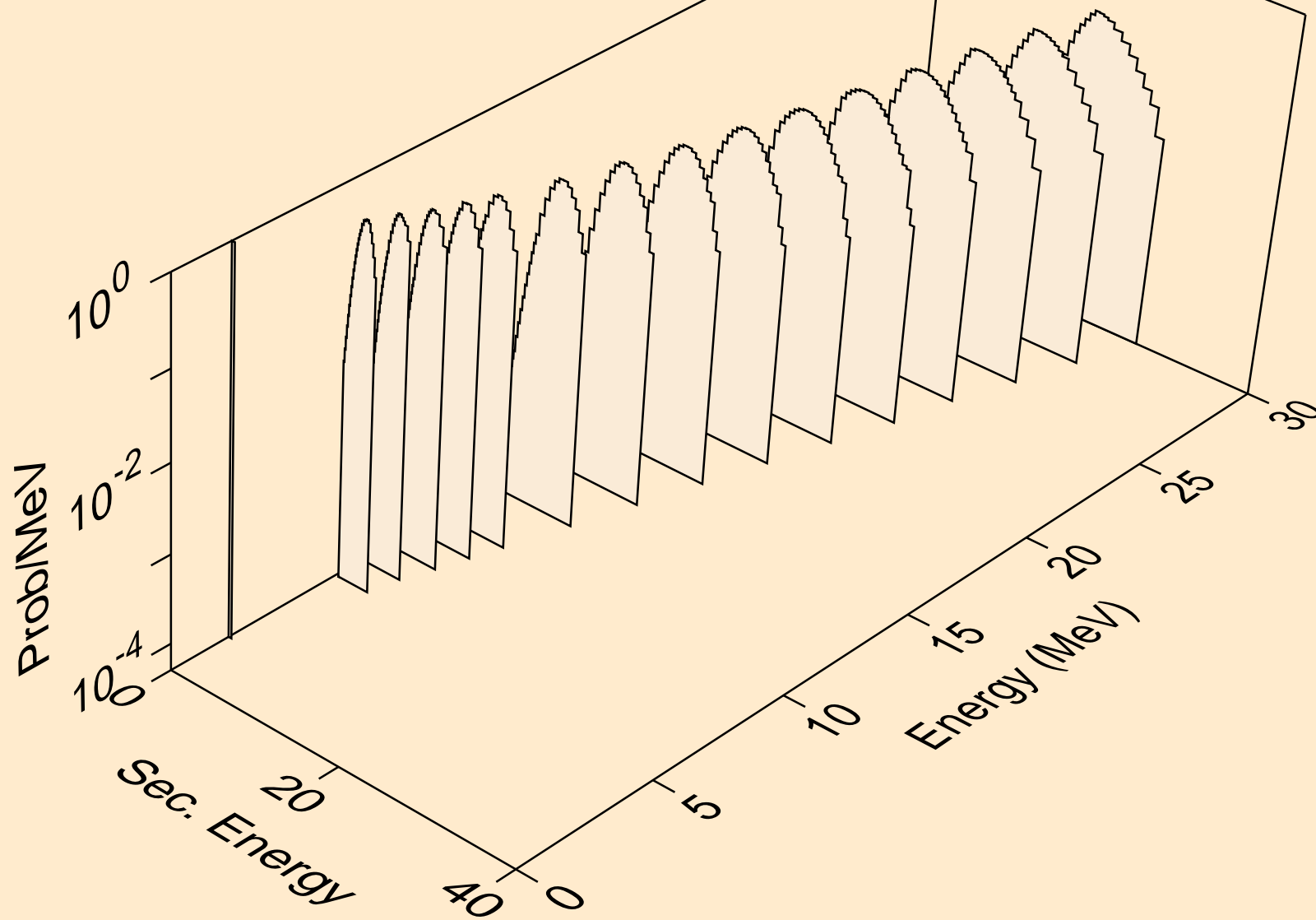
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



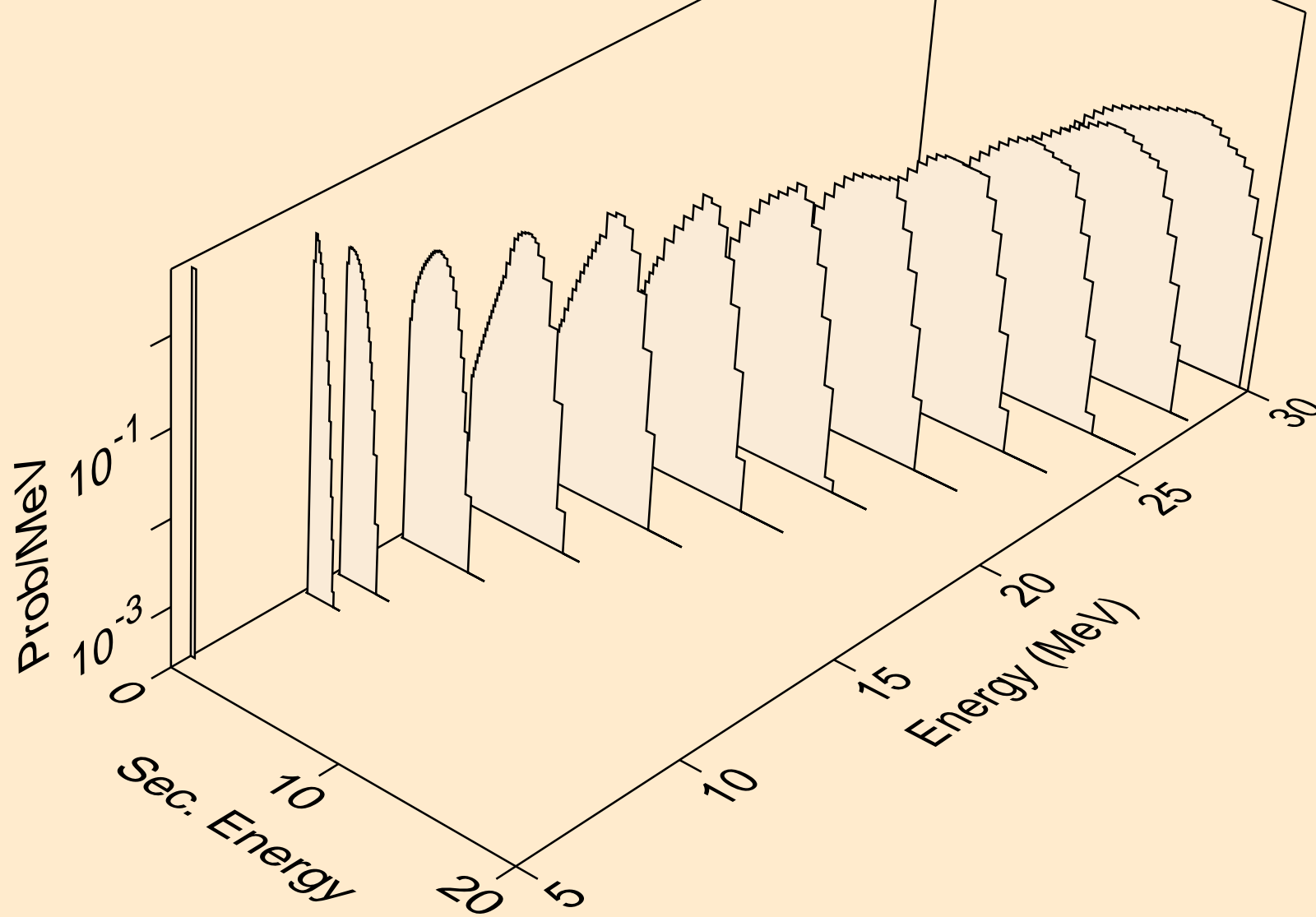
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



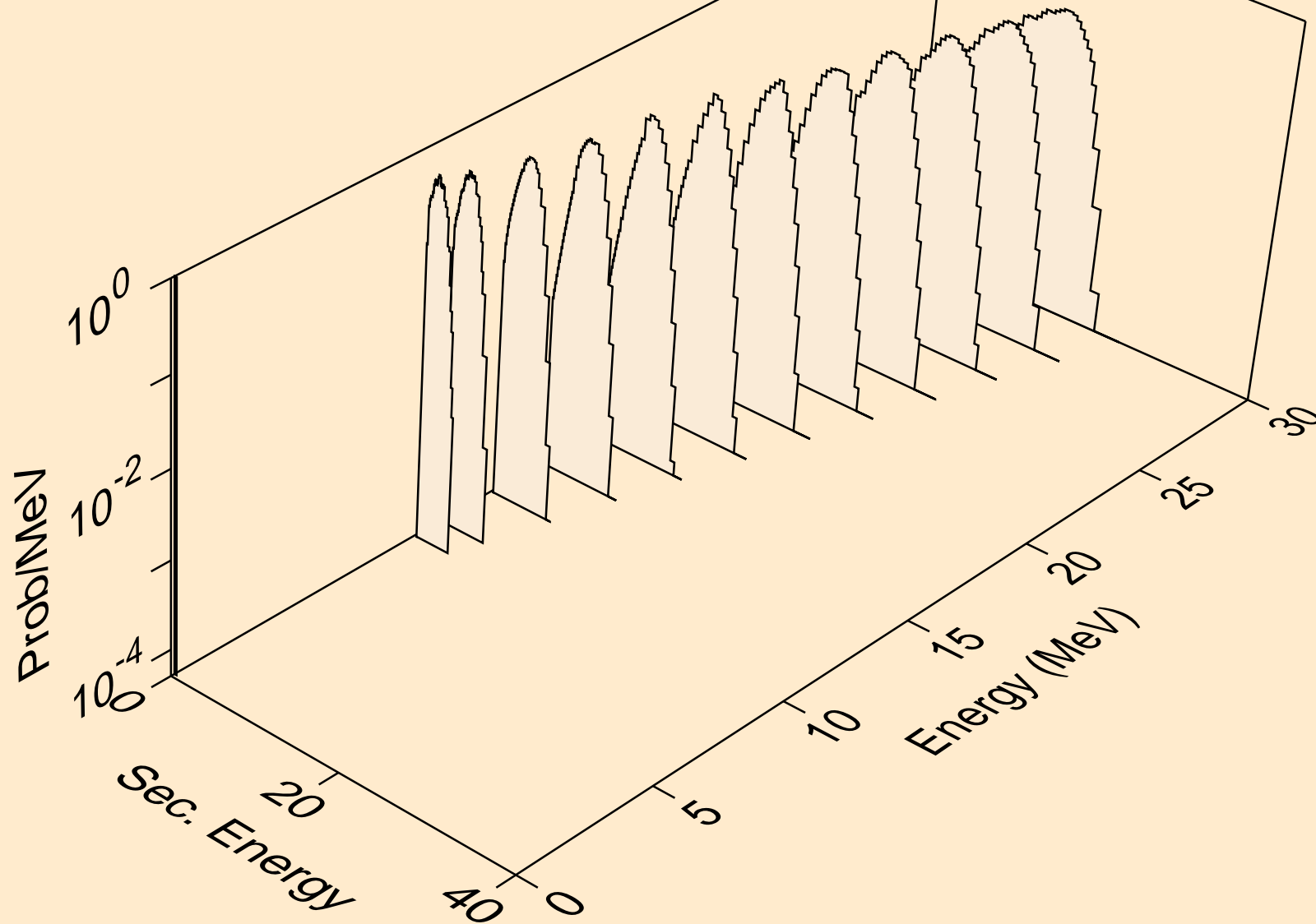
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



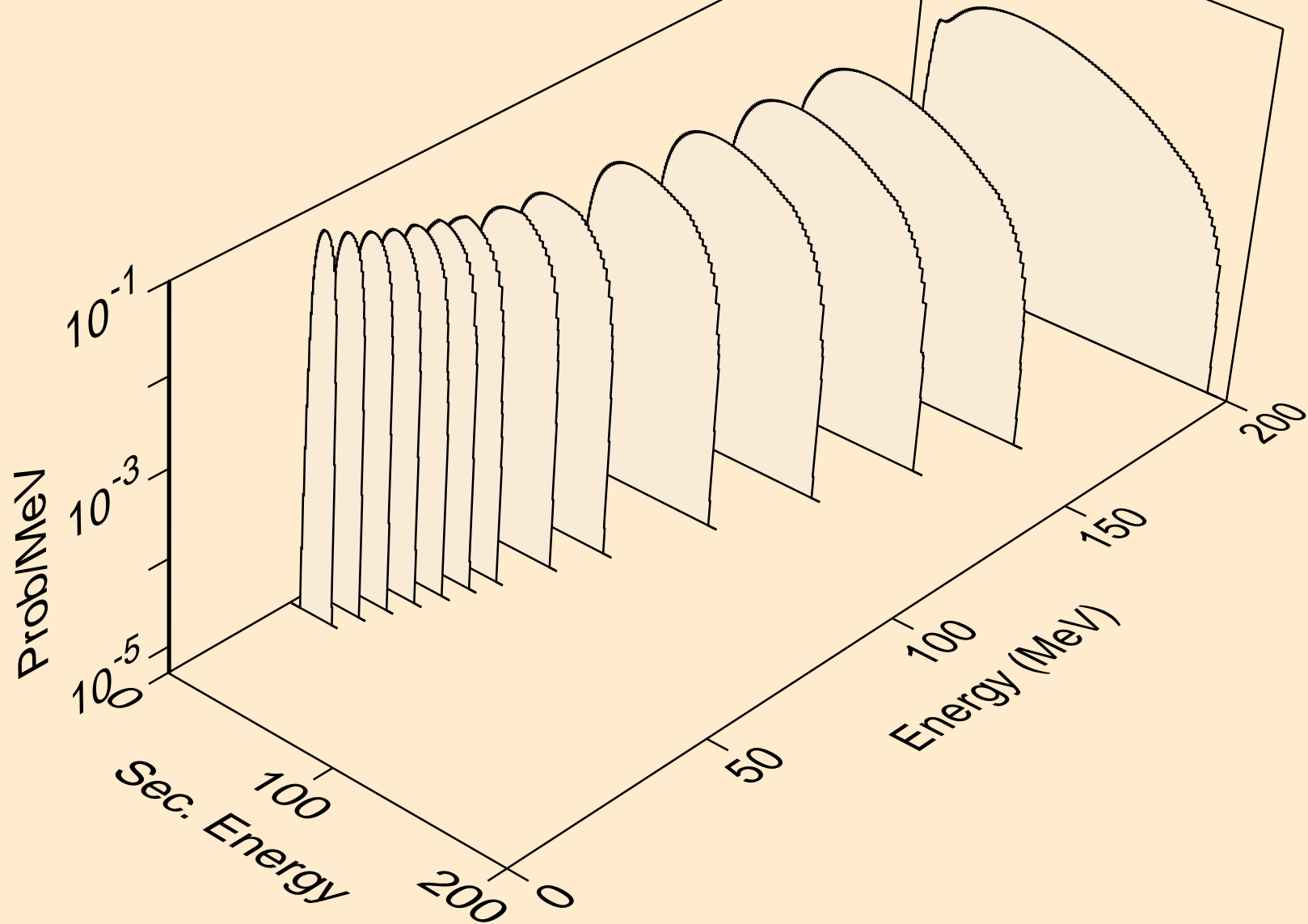
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



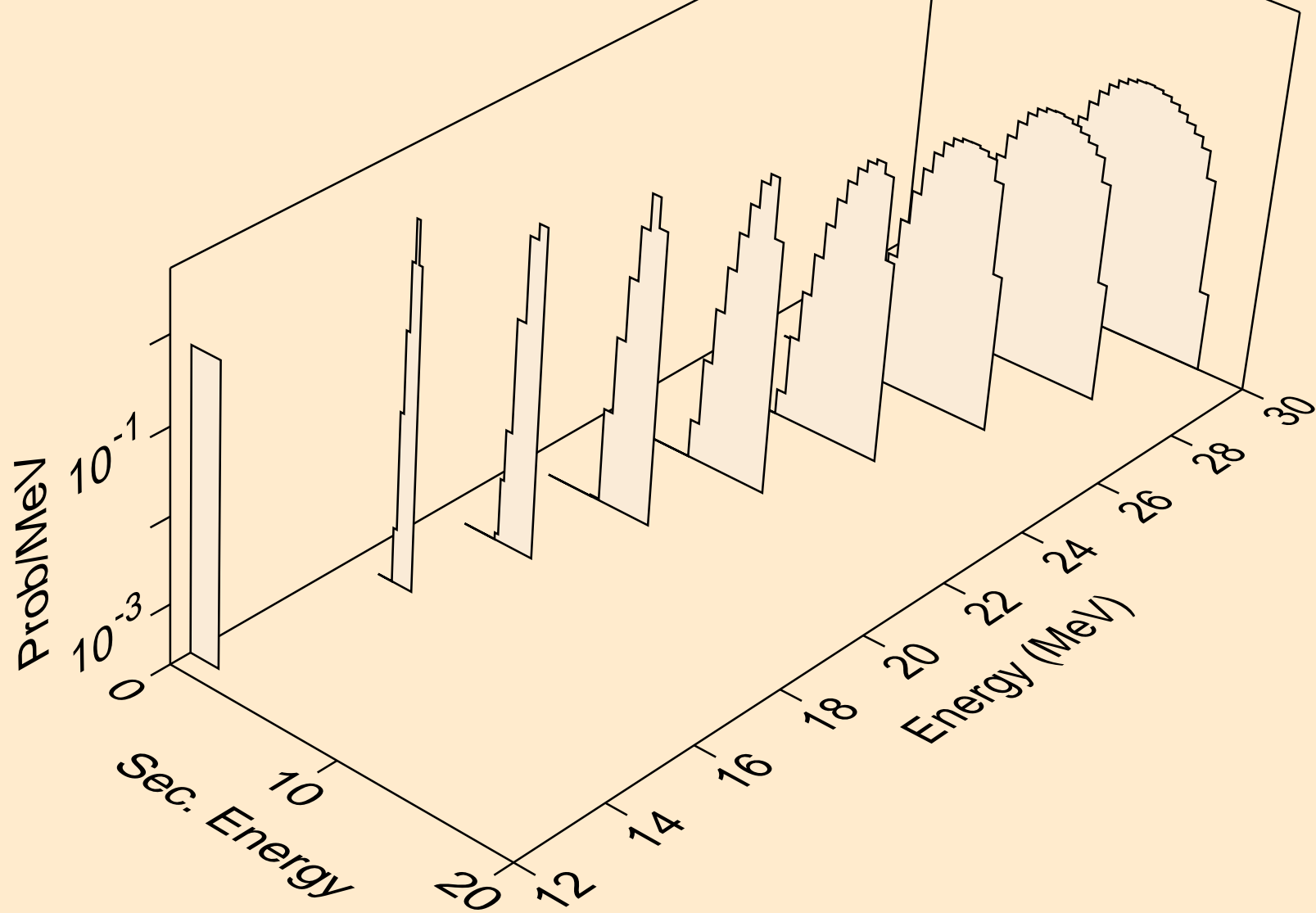
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



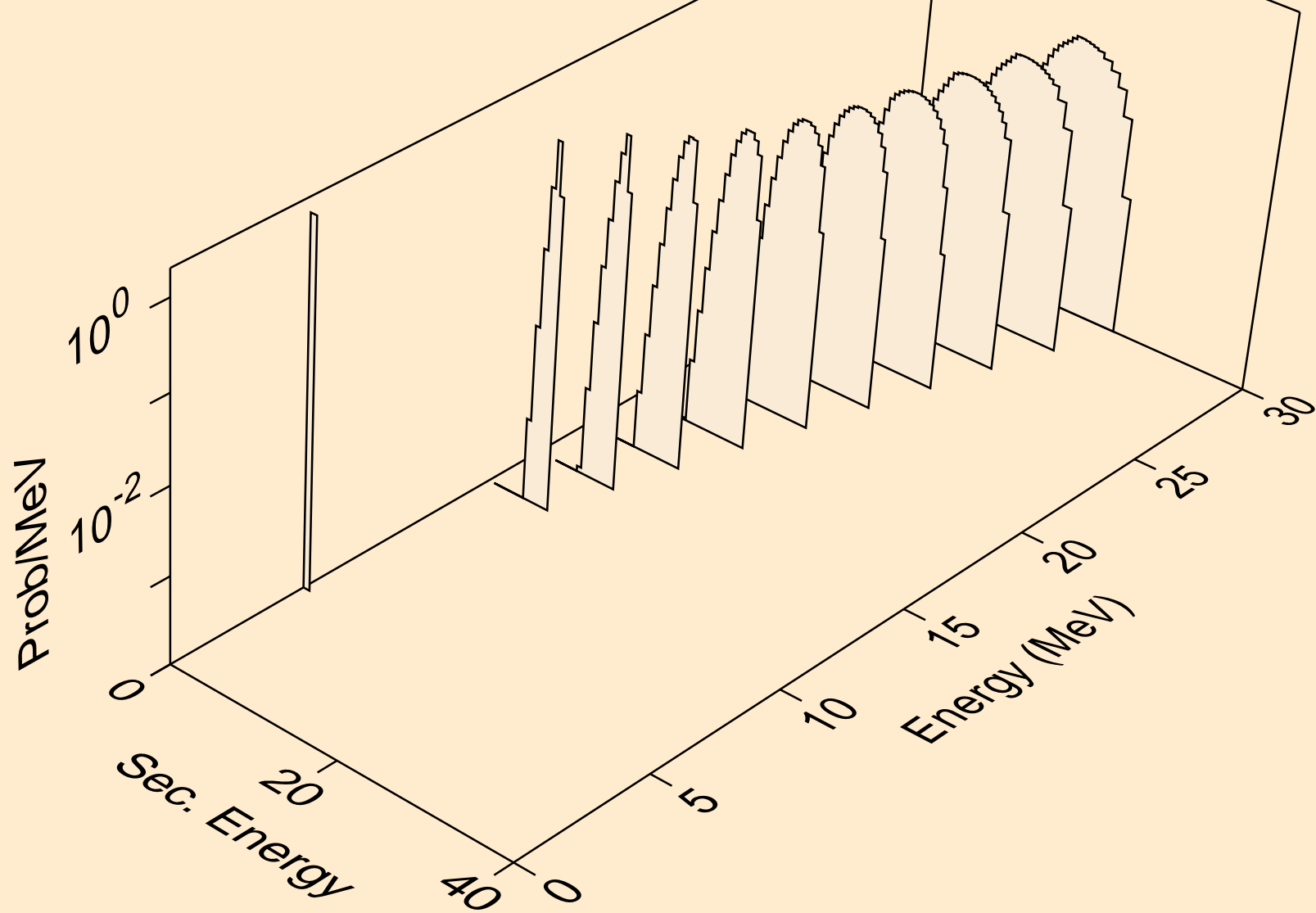
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

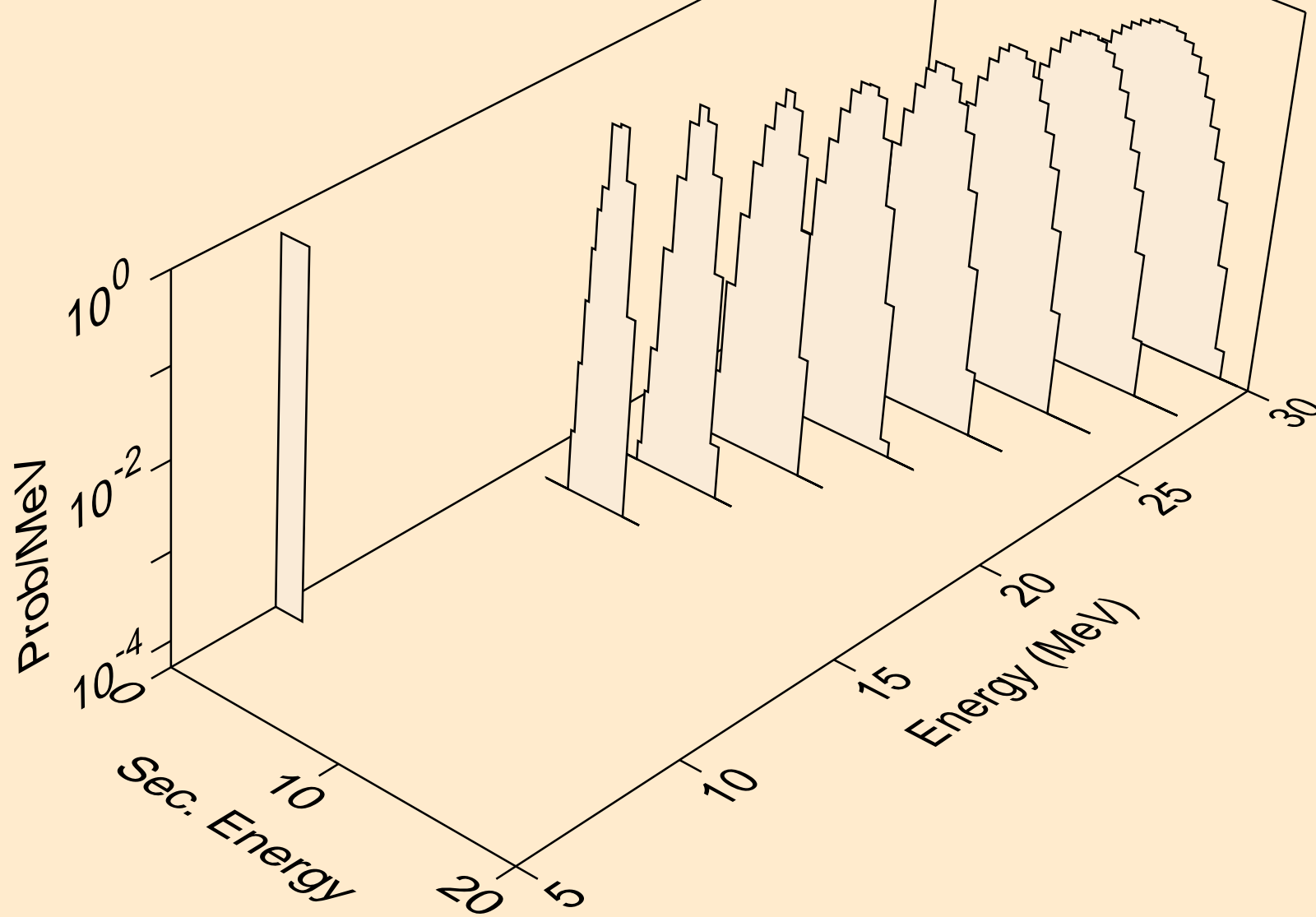


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

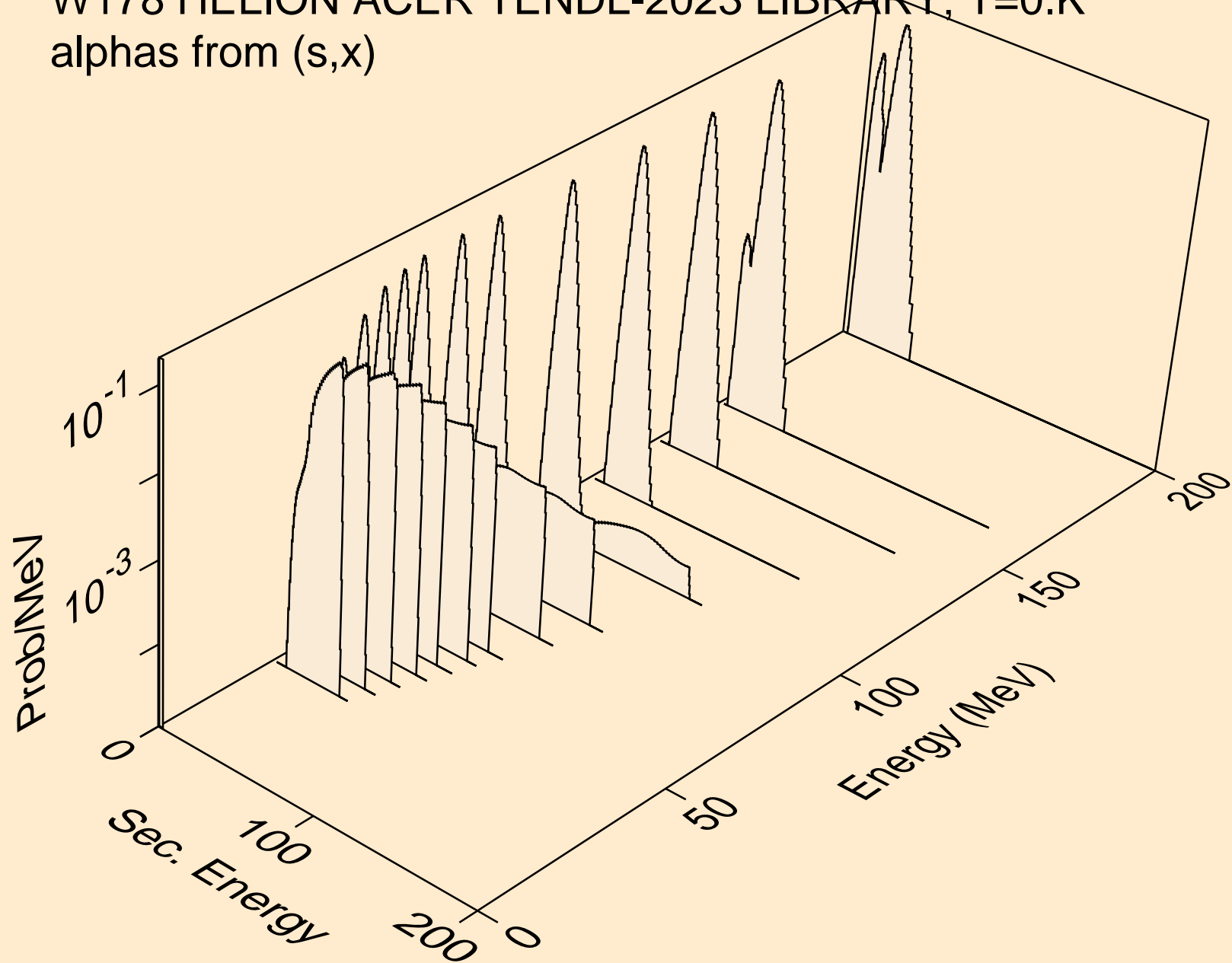




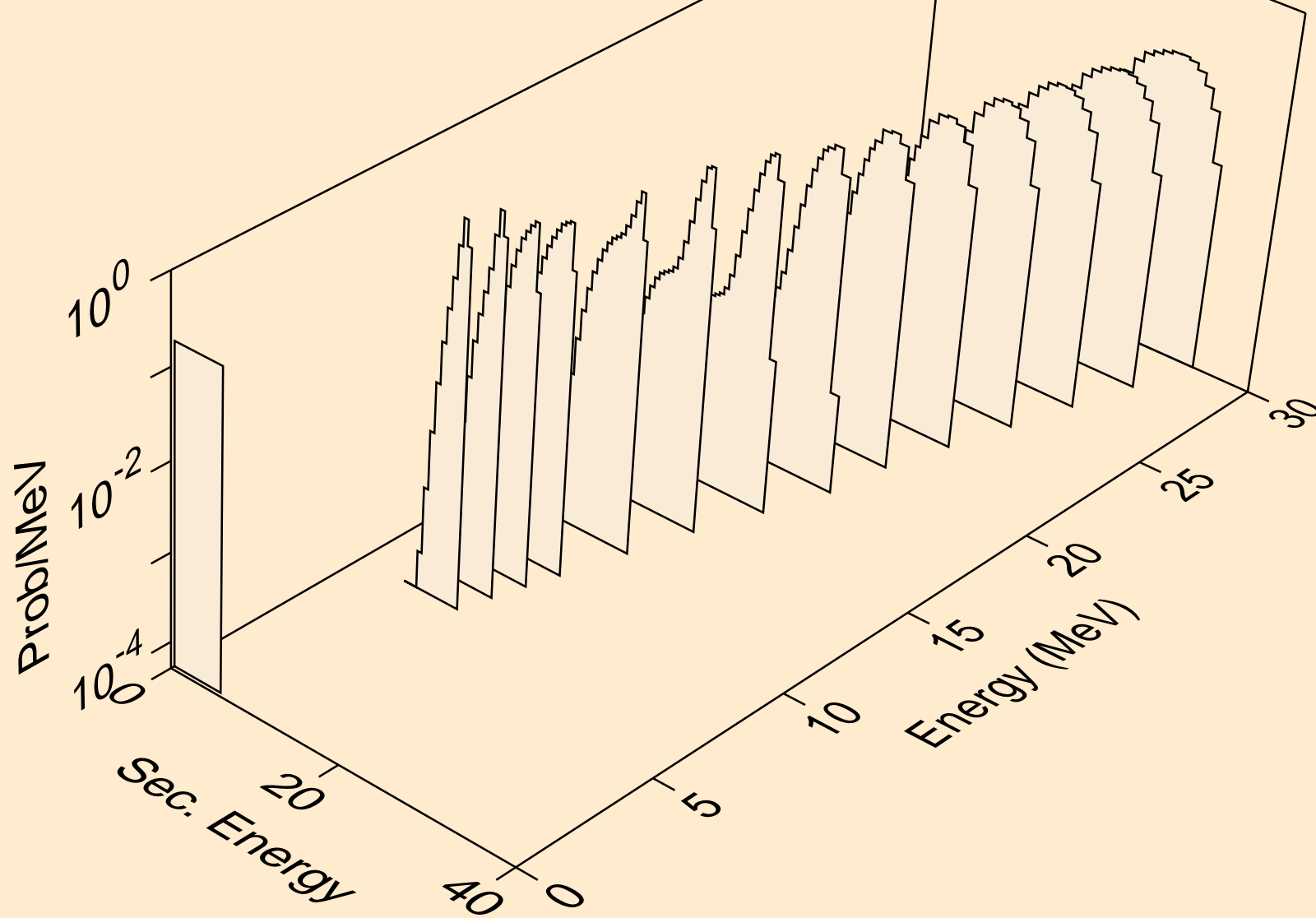
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



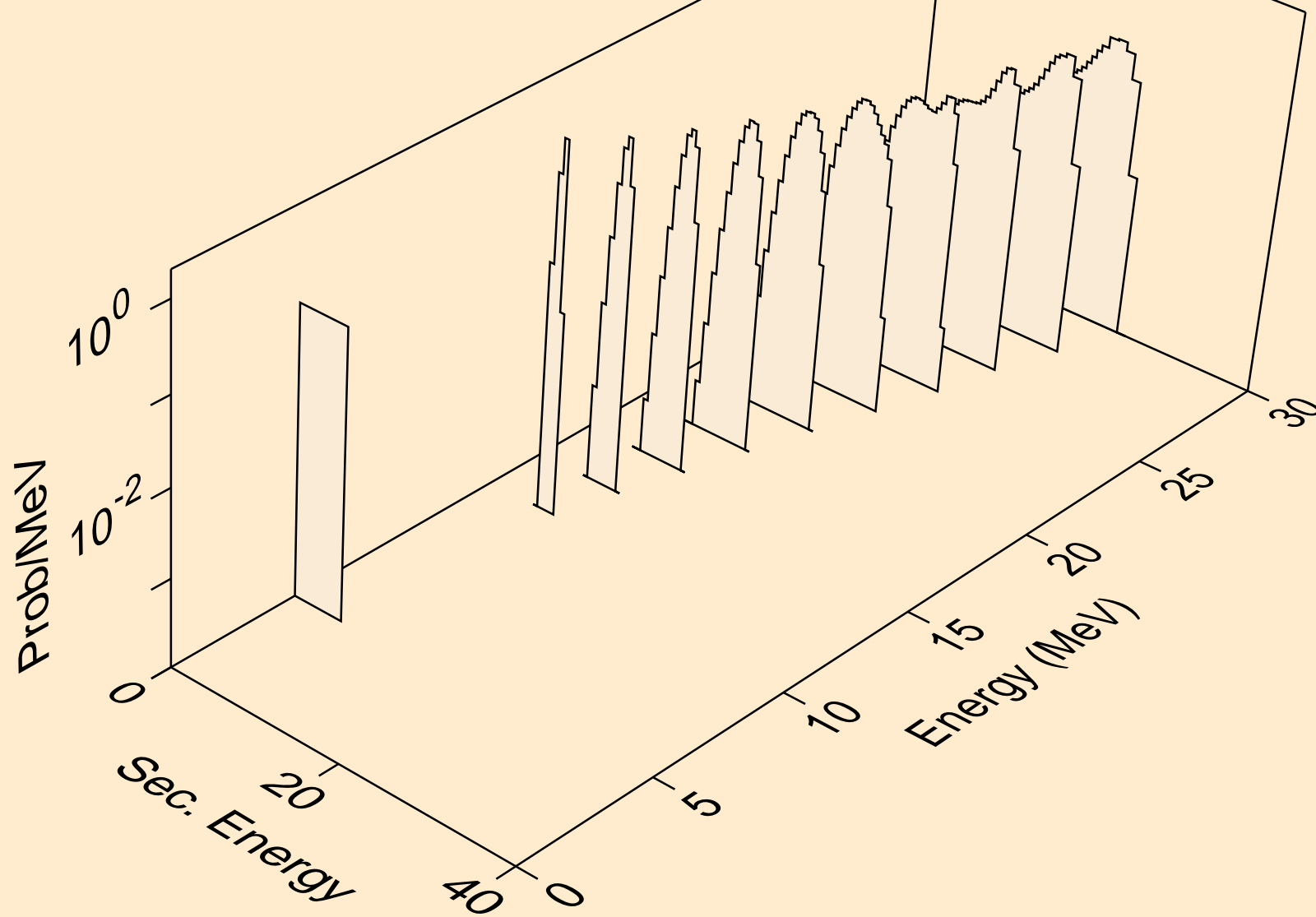
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



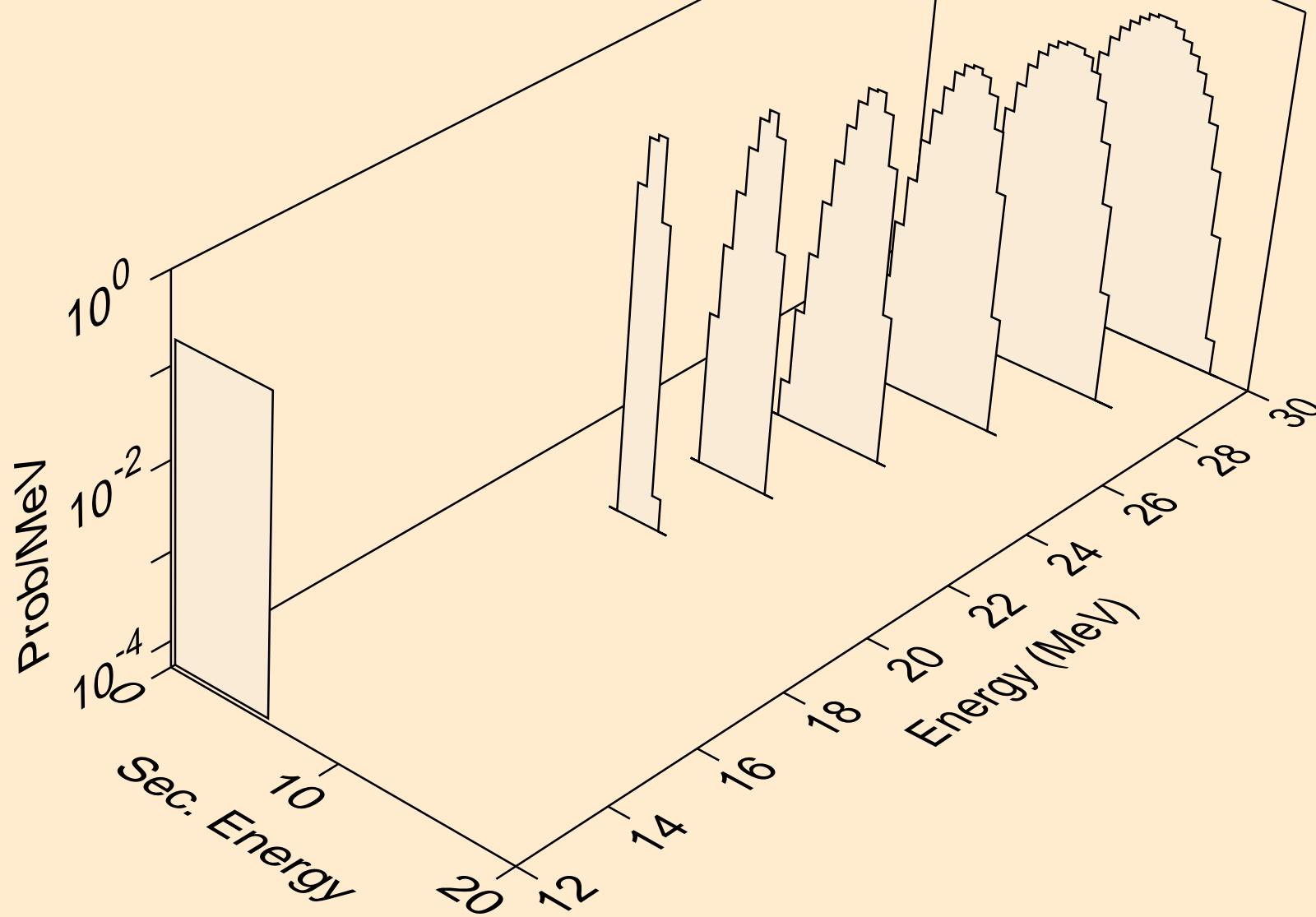
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



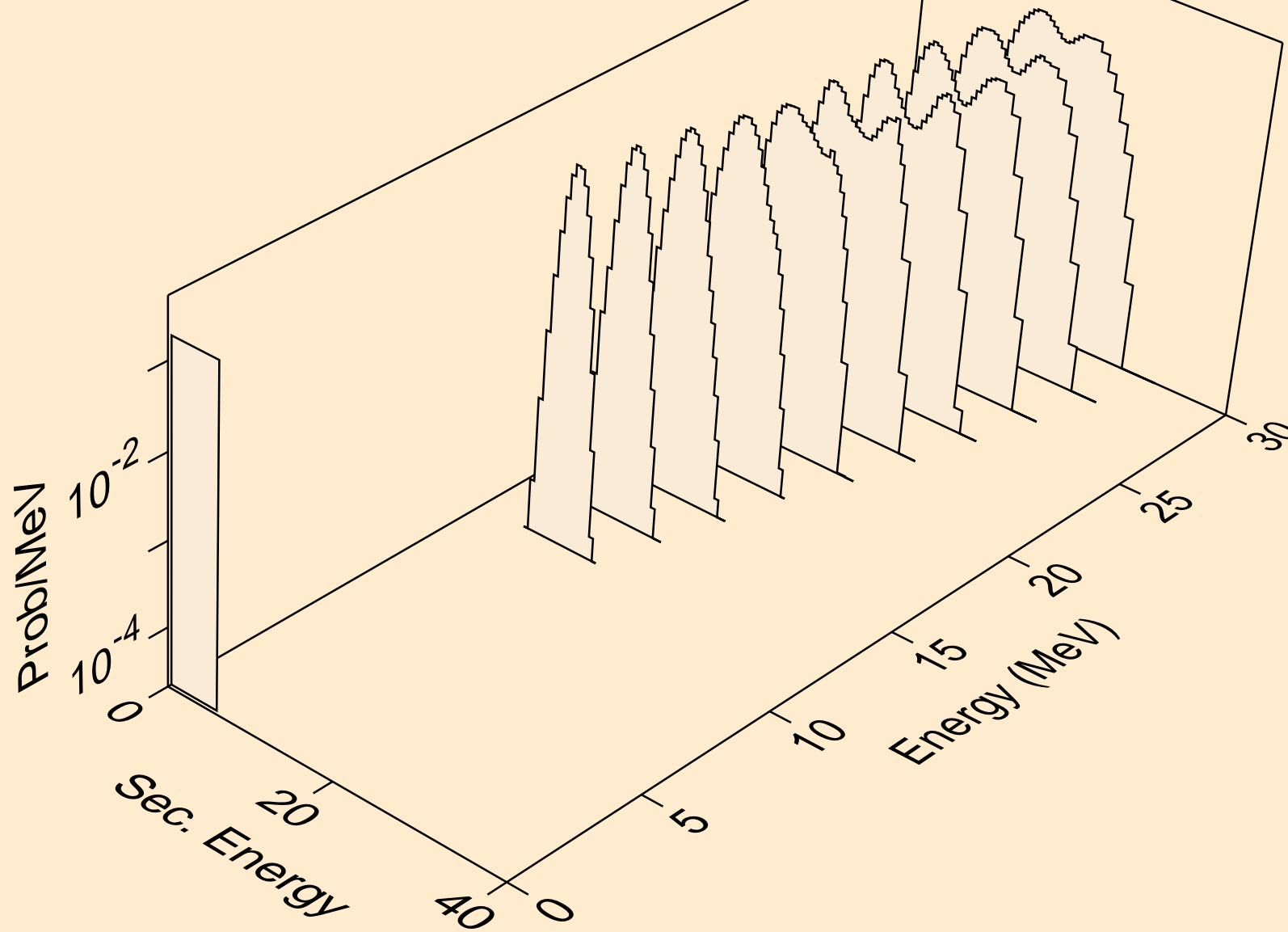
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



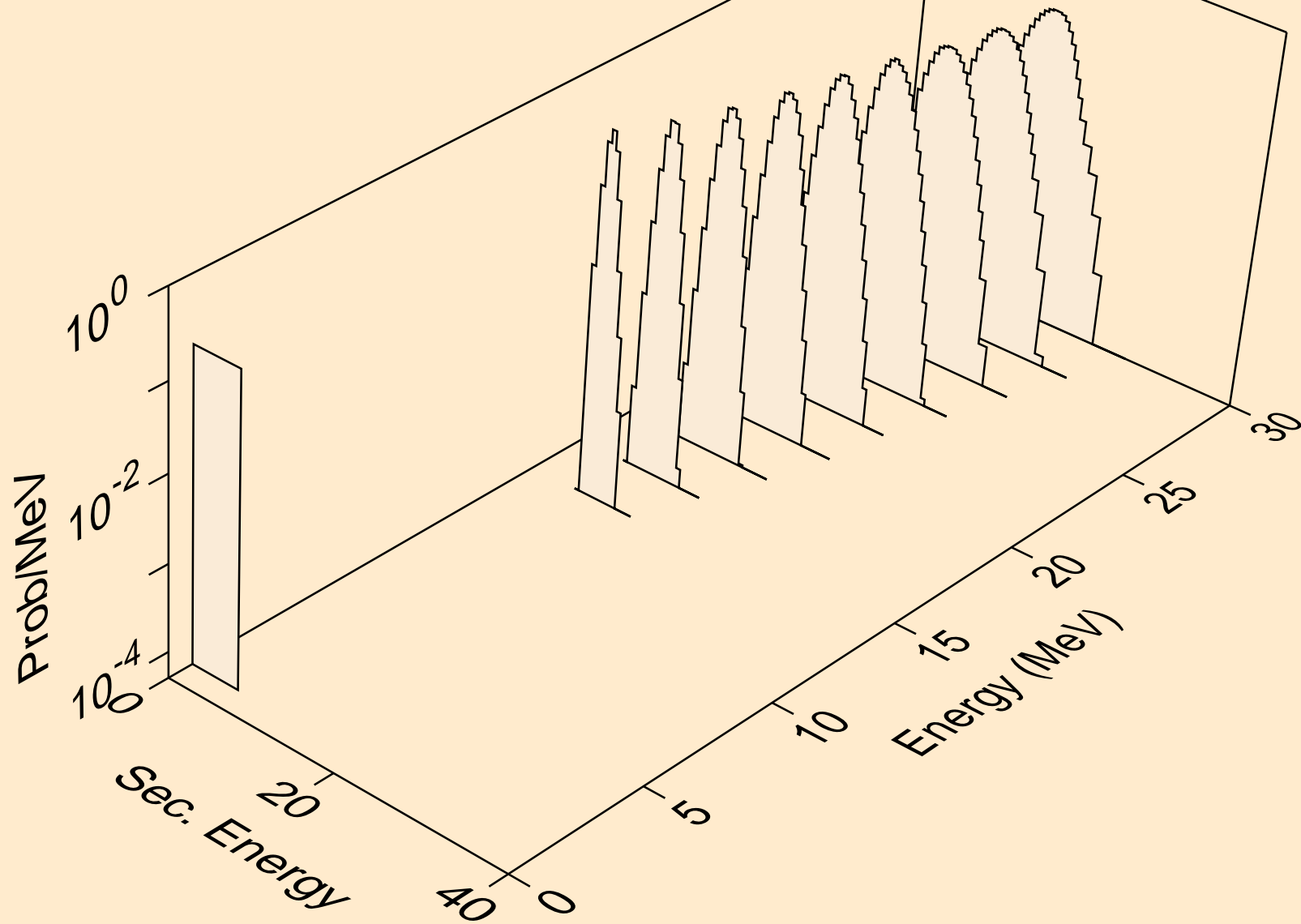
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



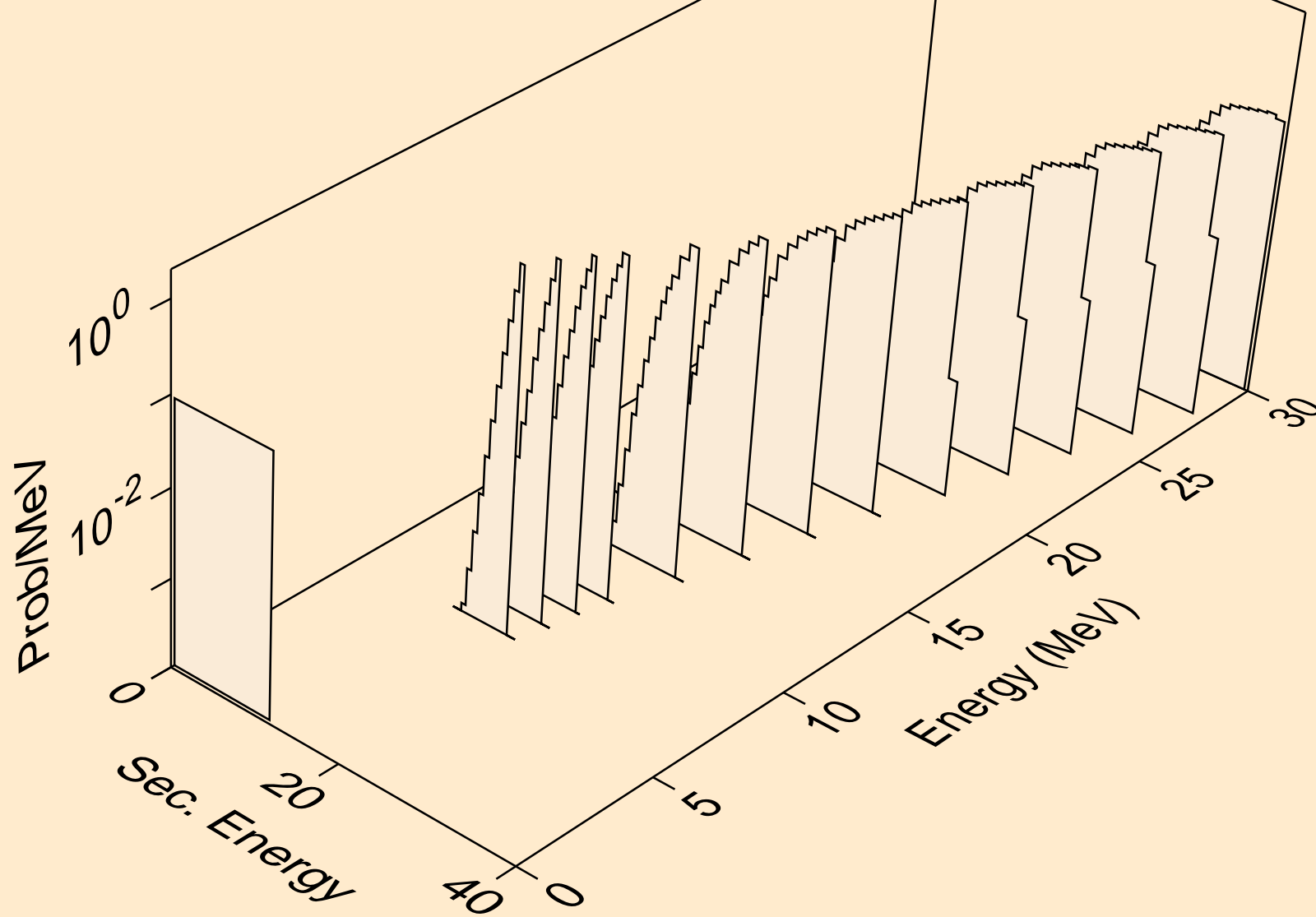
W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

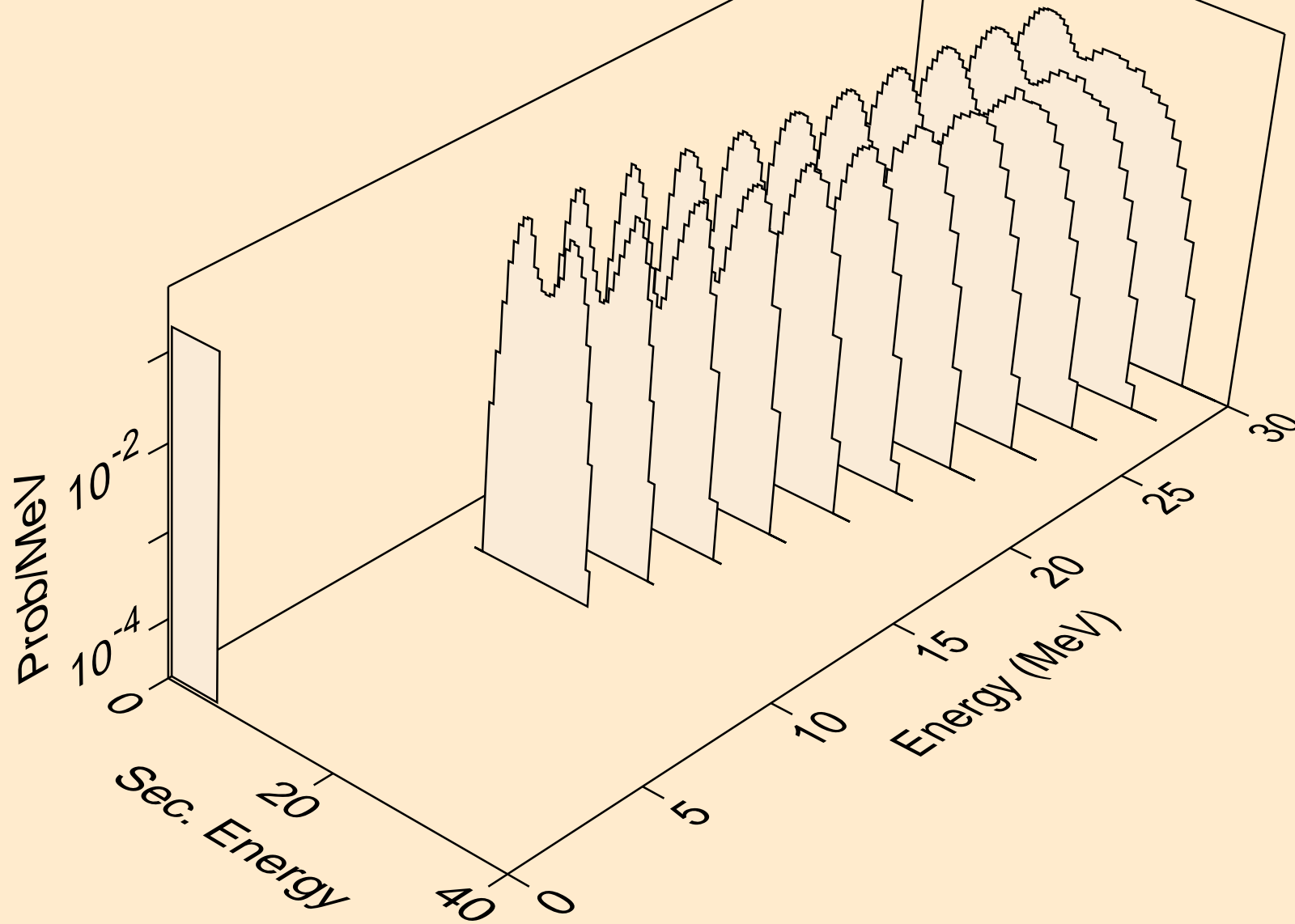


W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

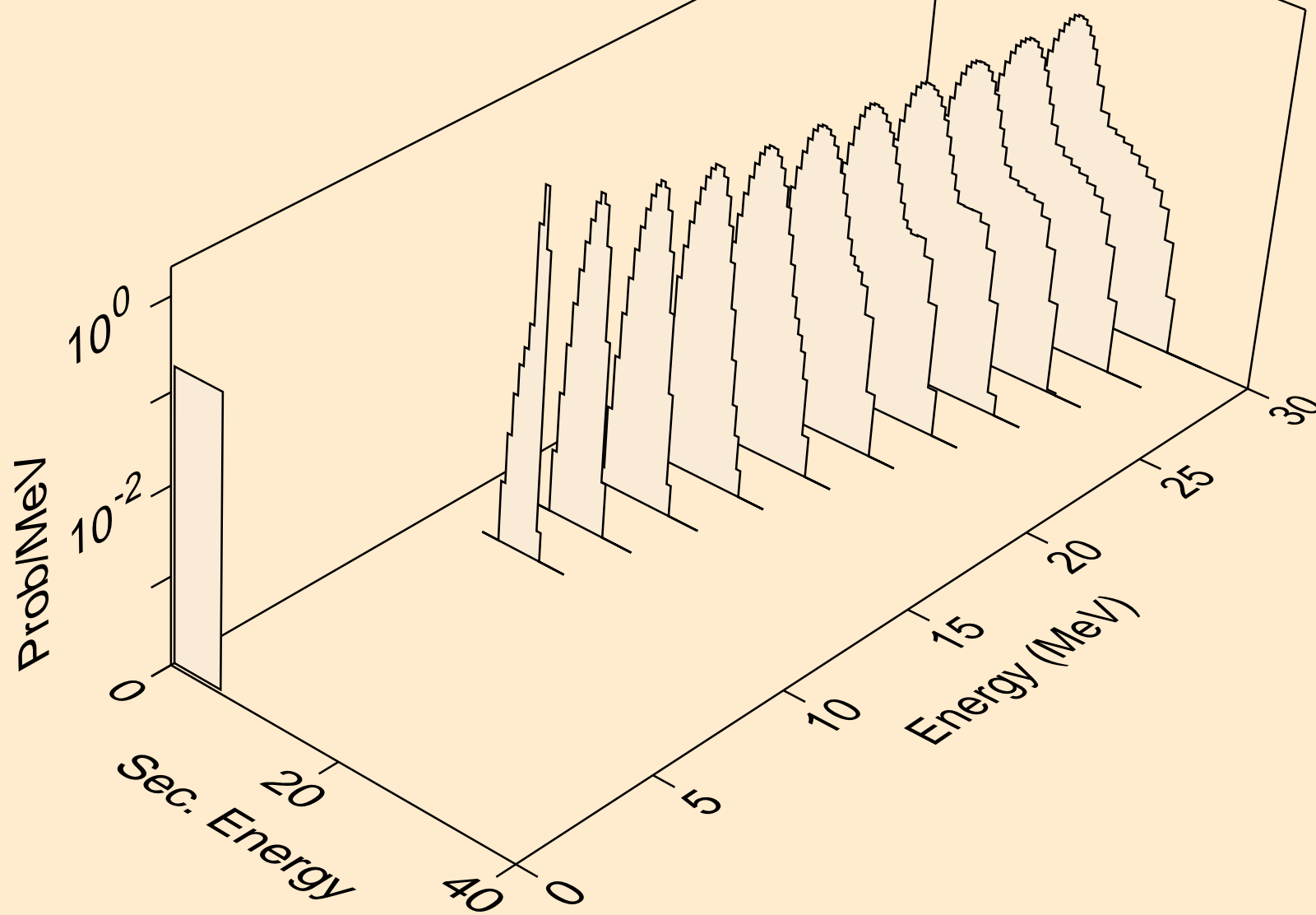




W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



W178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

