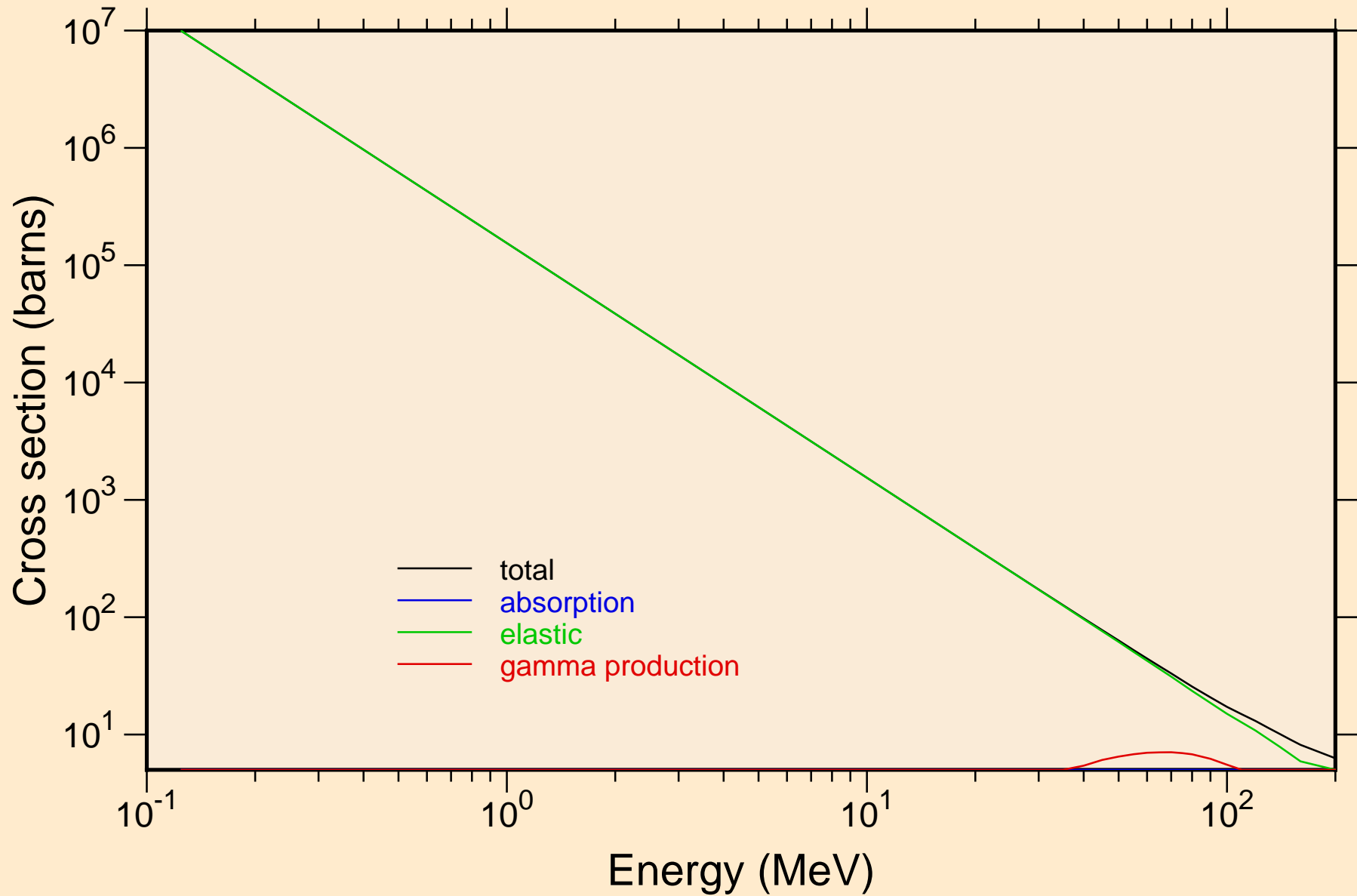
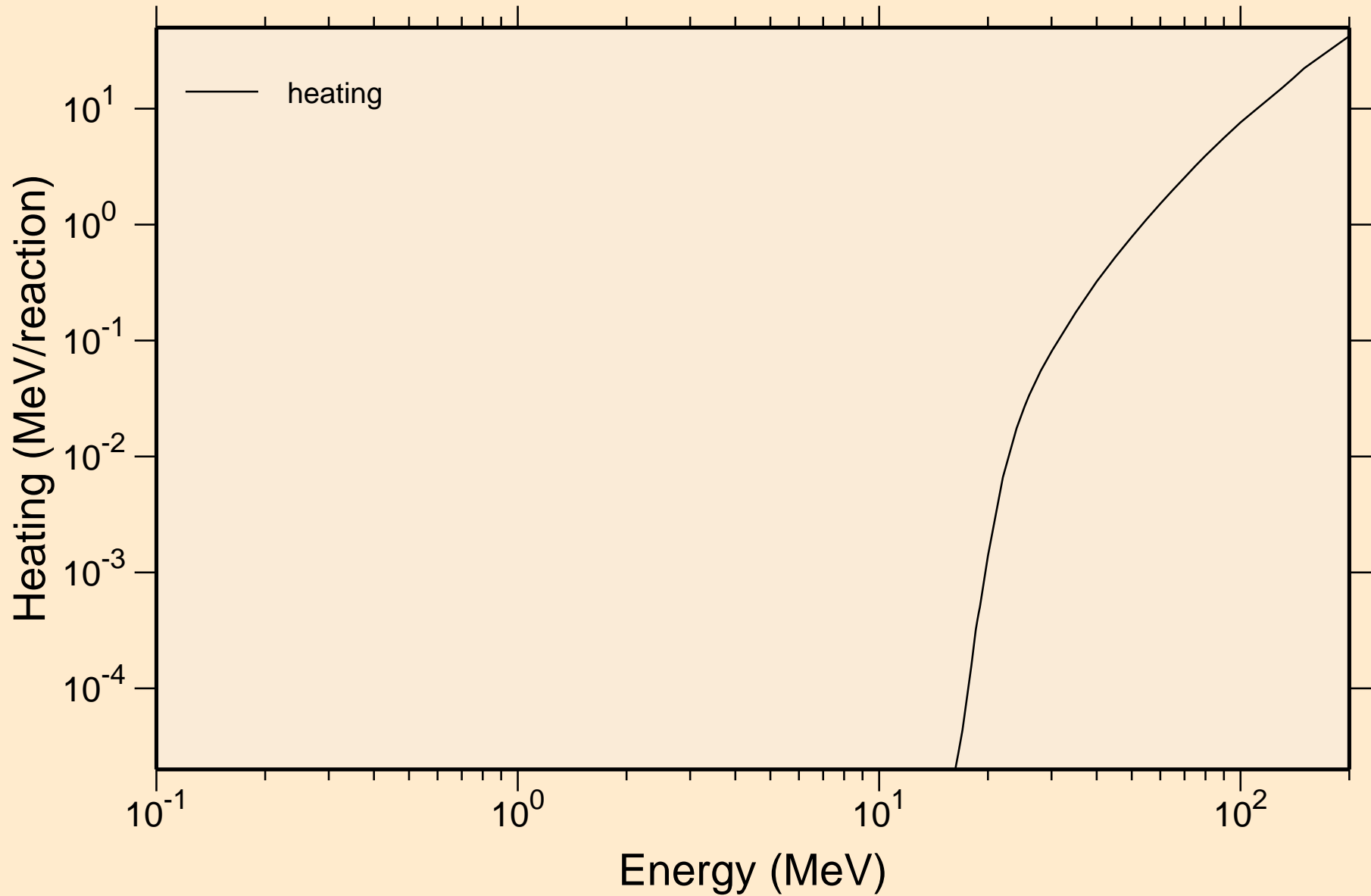


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



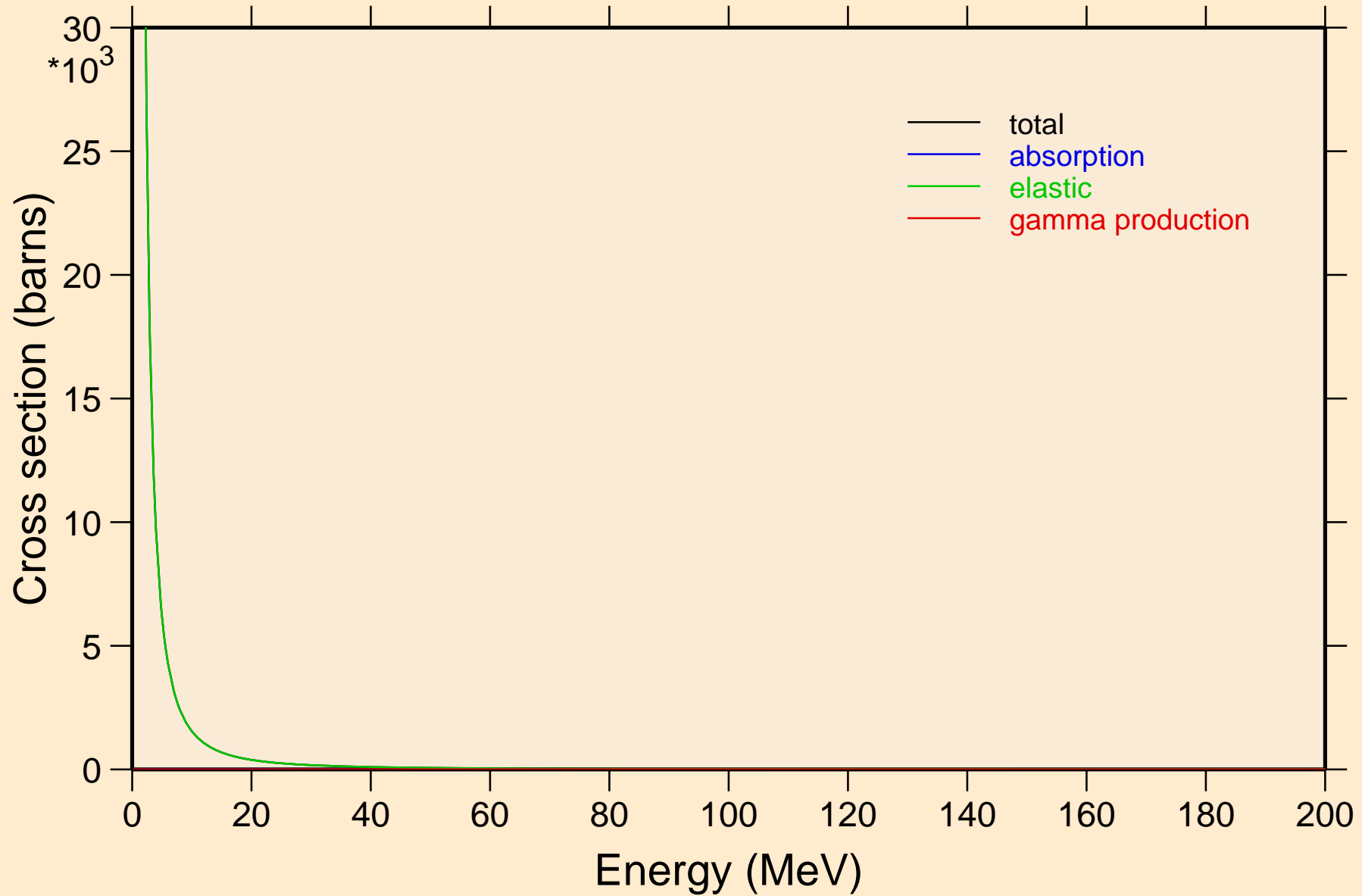
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



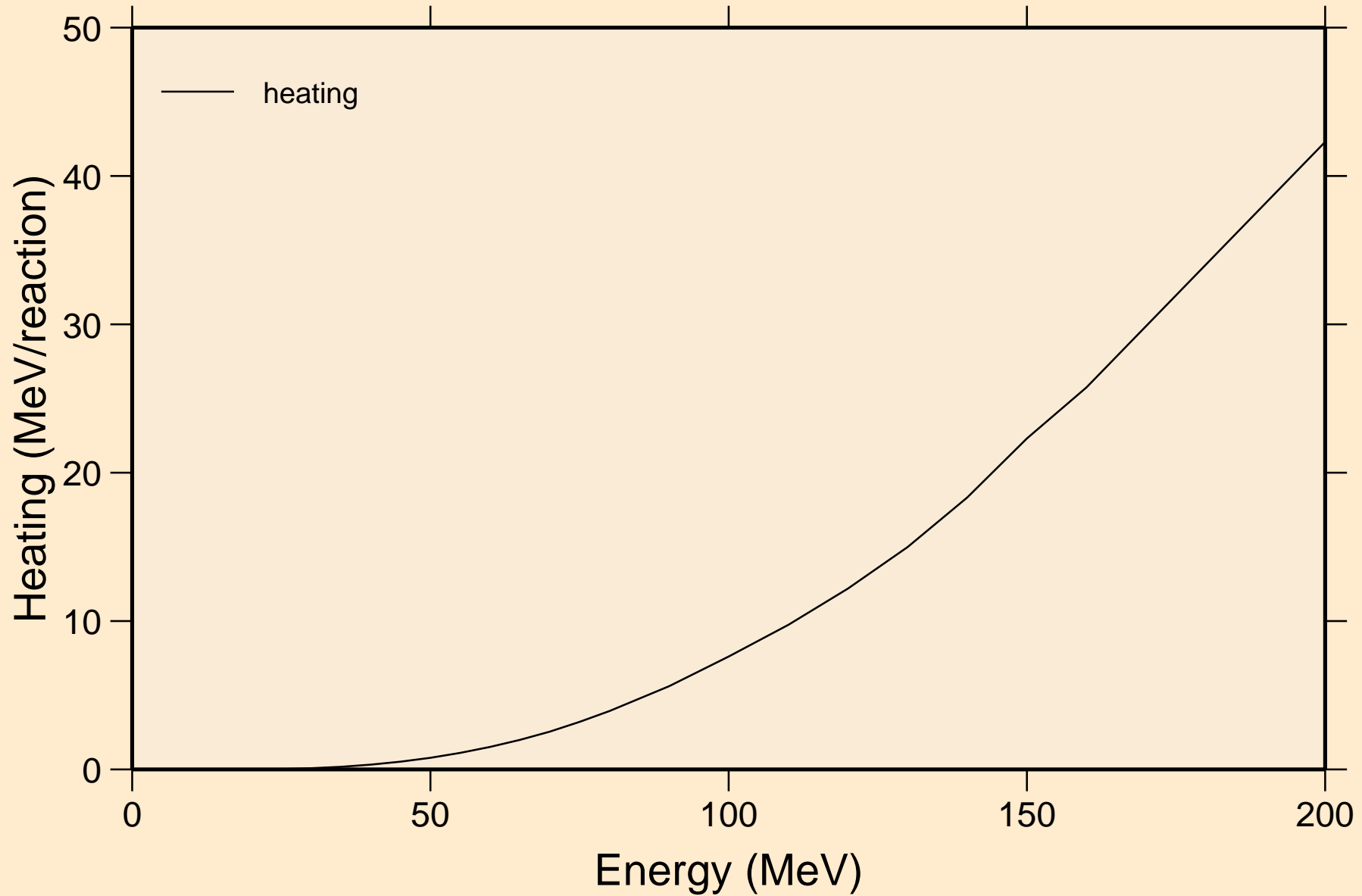
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

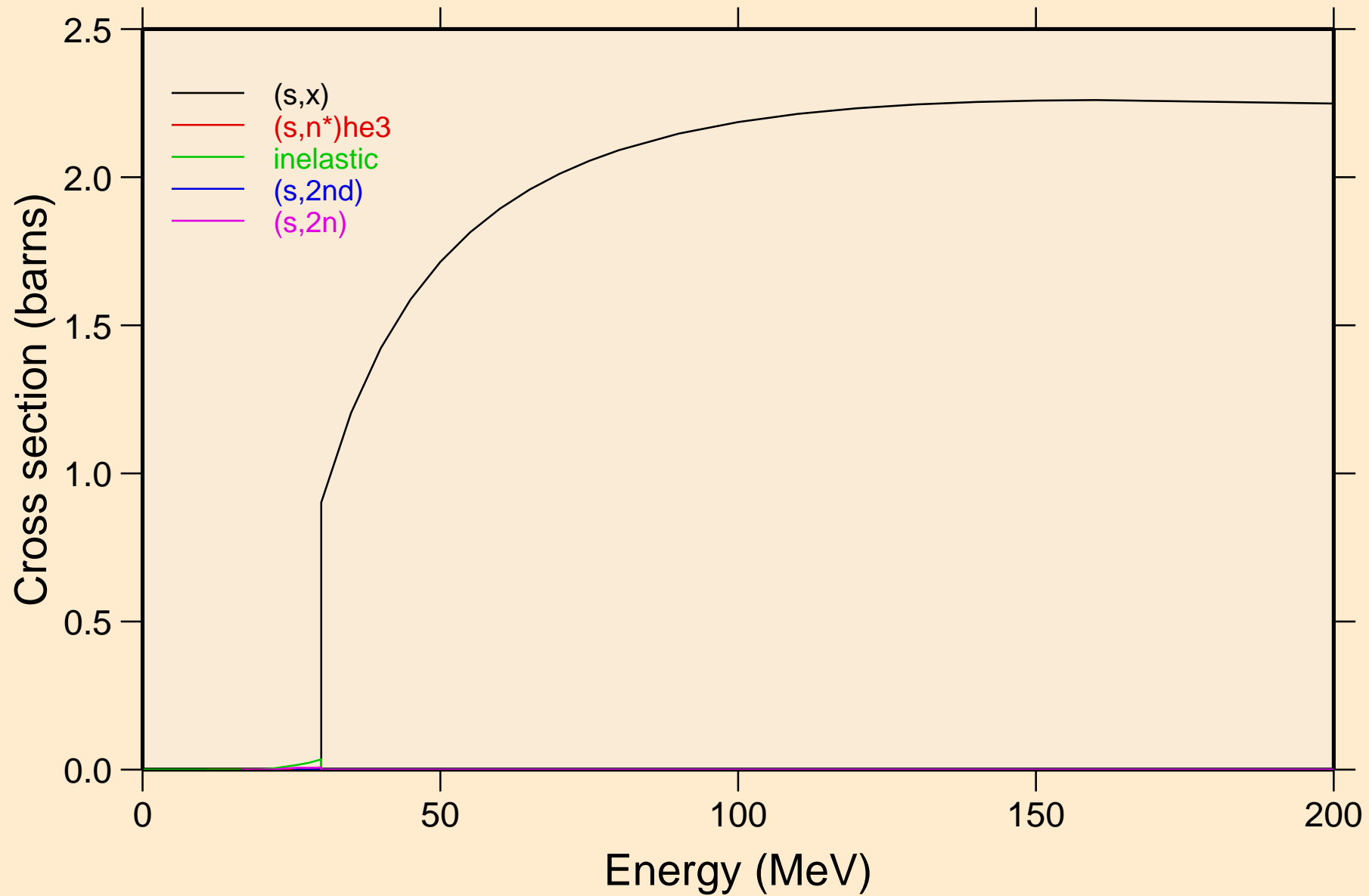


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K

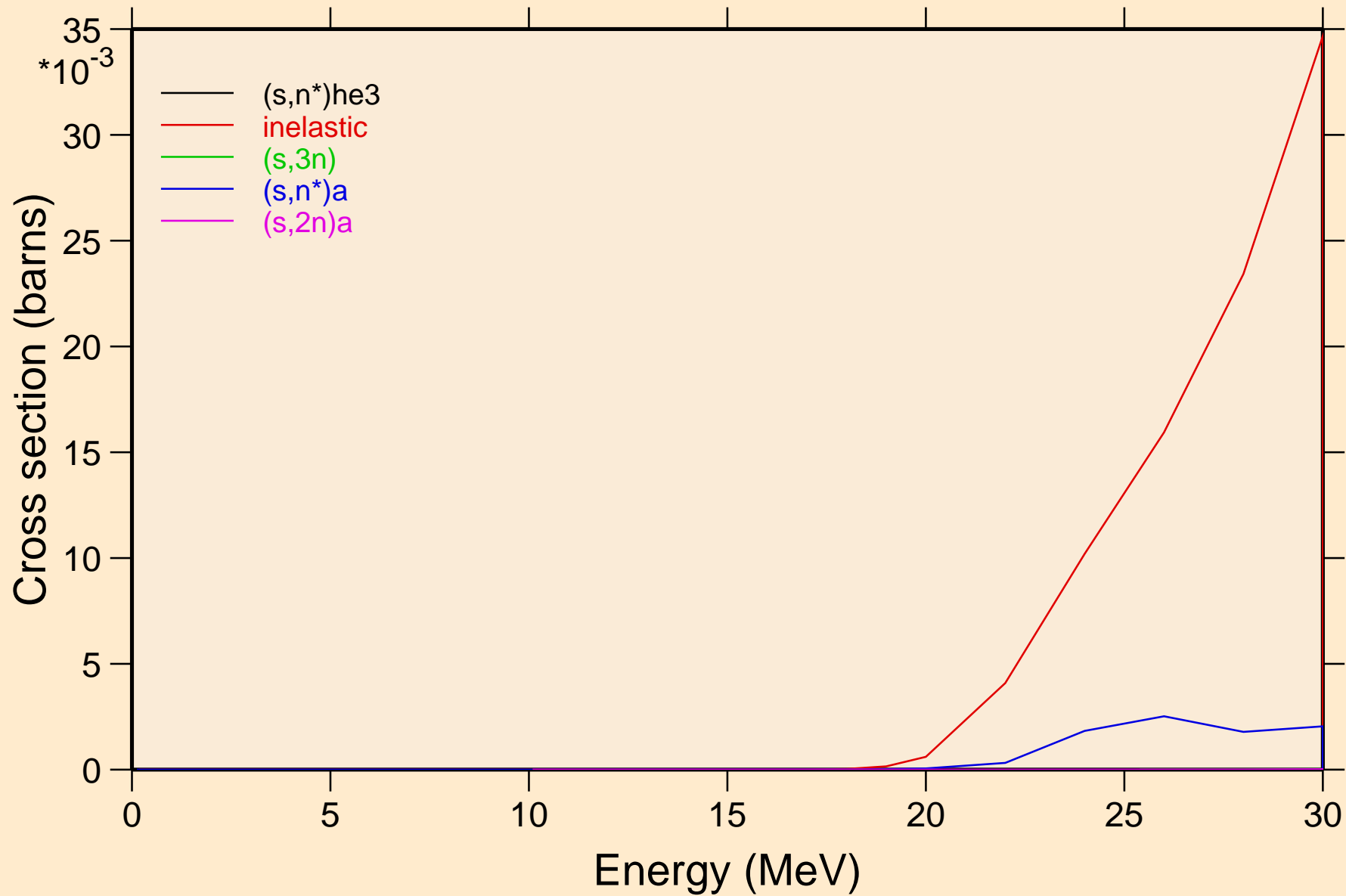
Heating



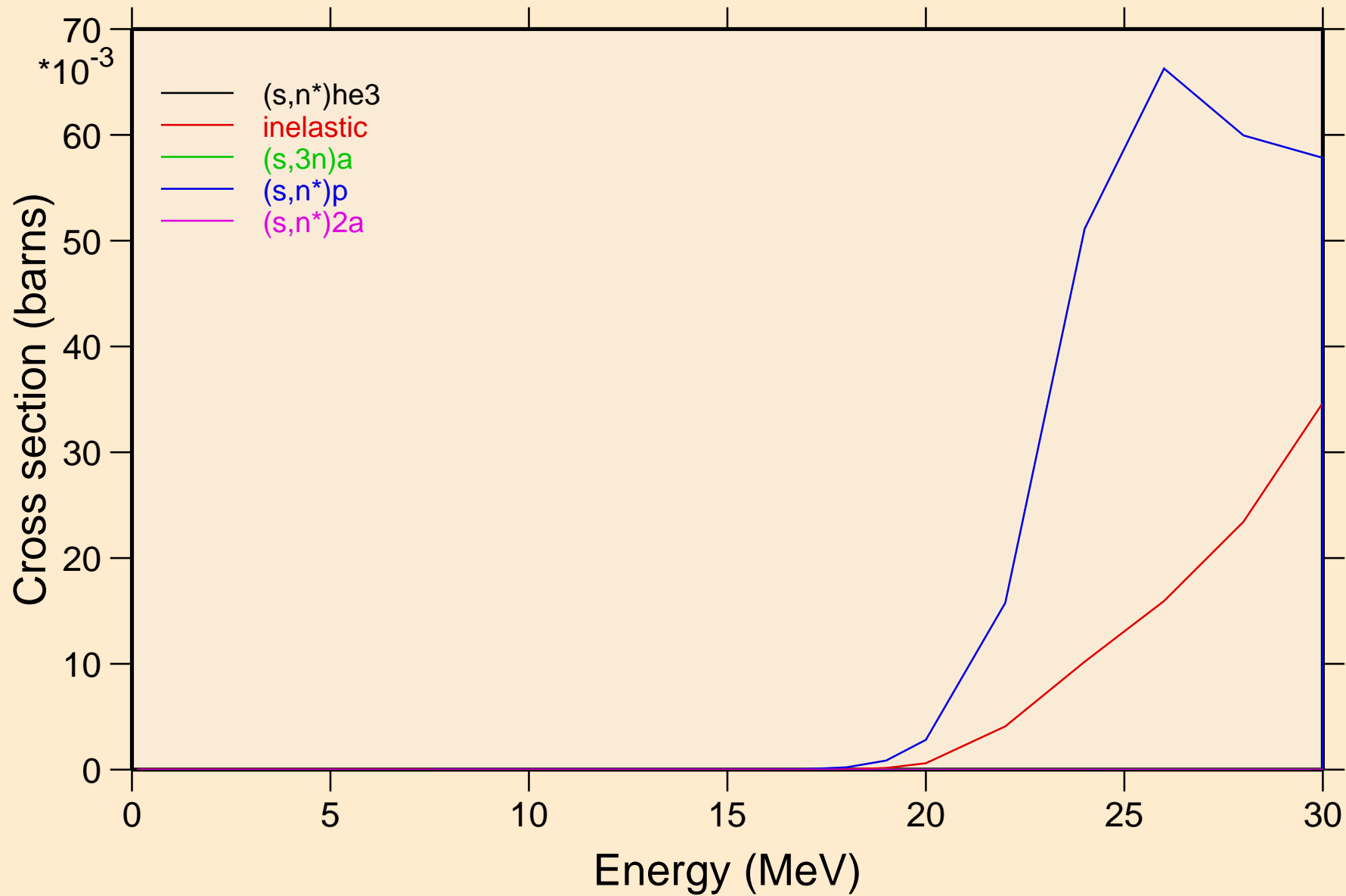
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



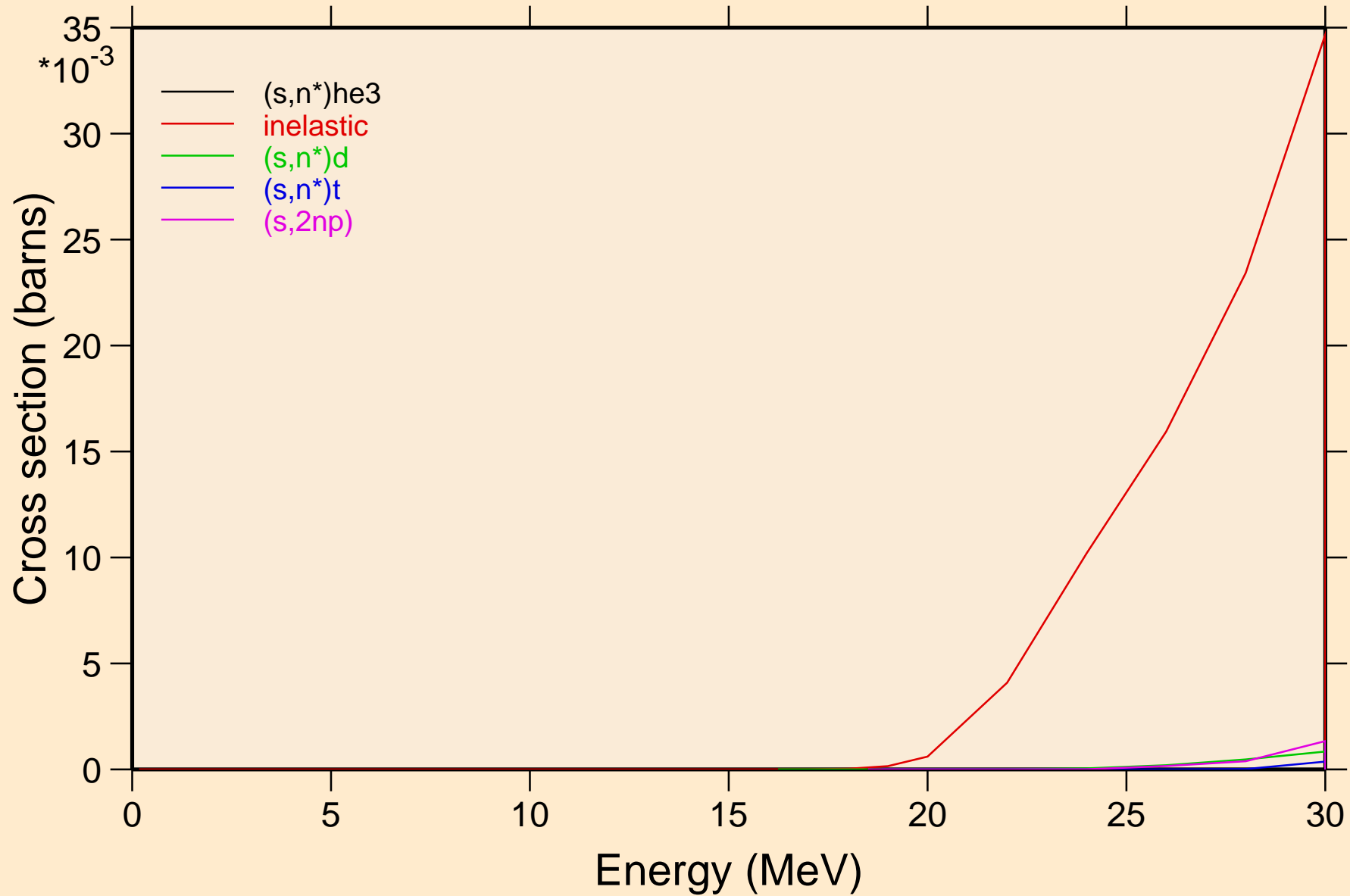
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

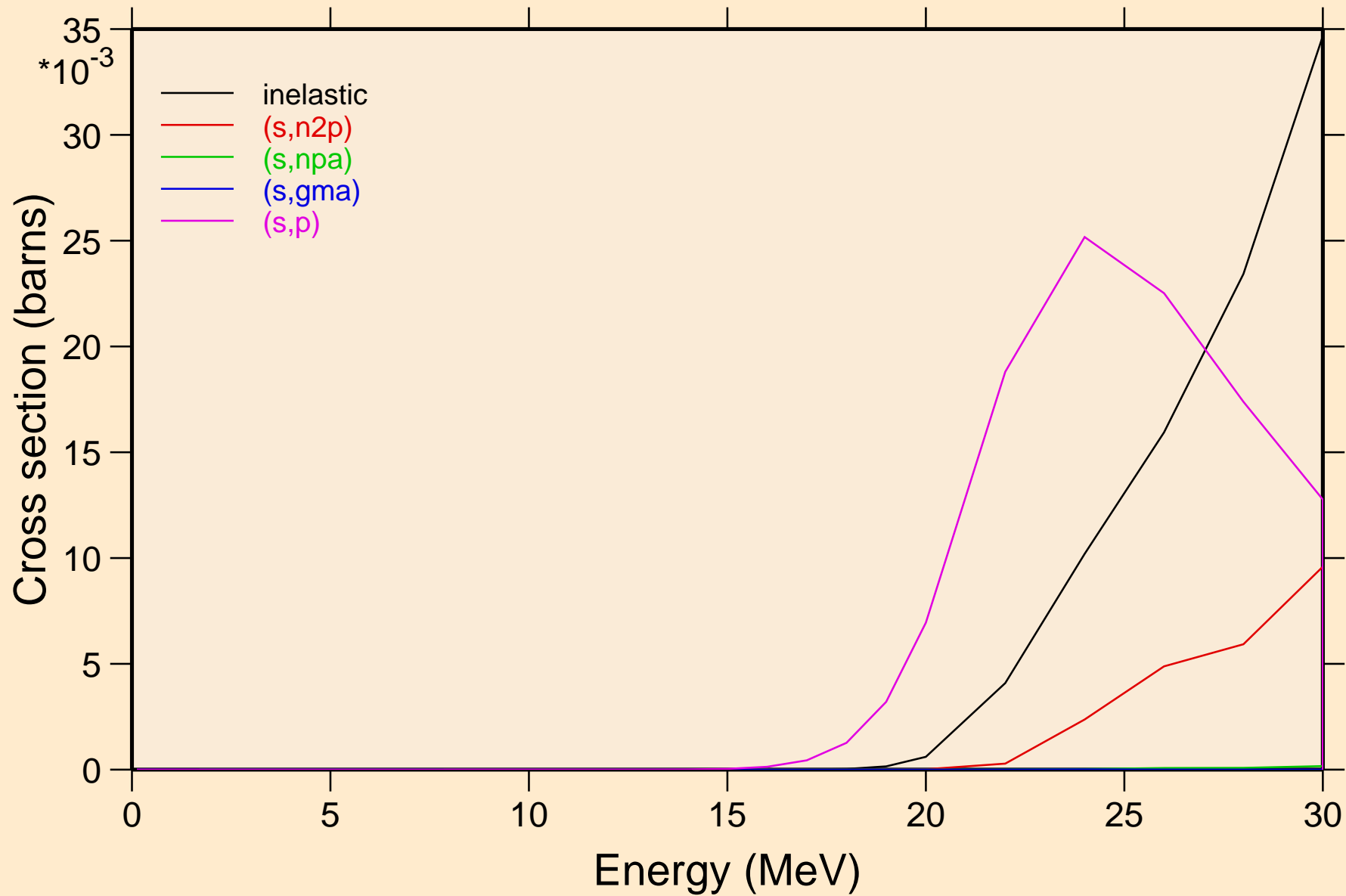


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

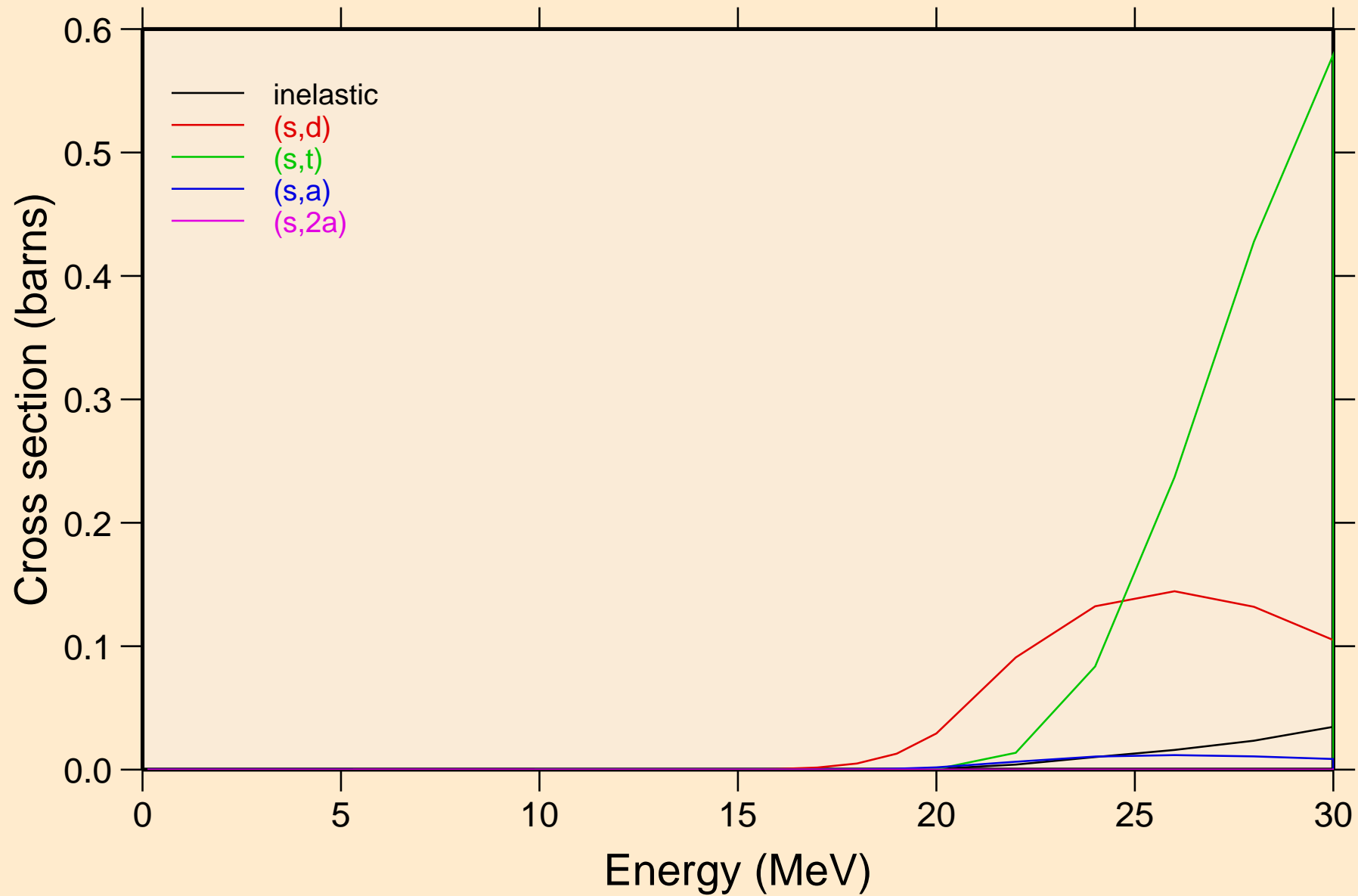




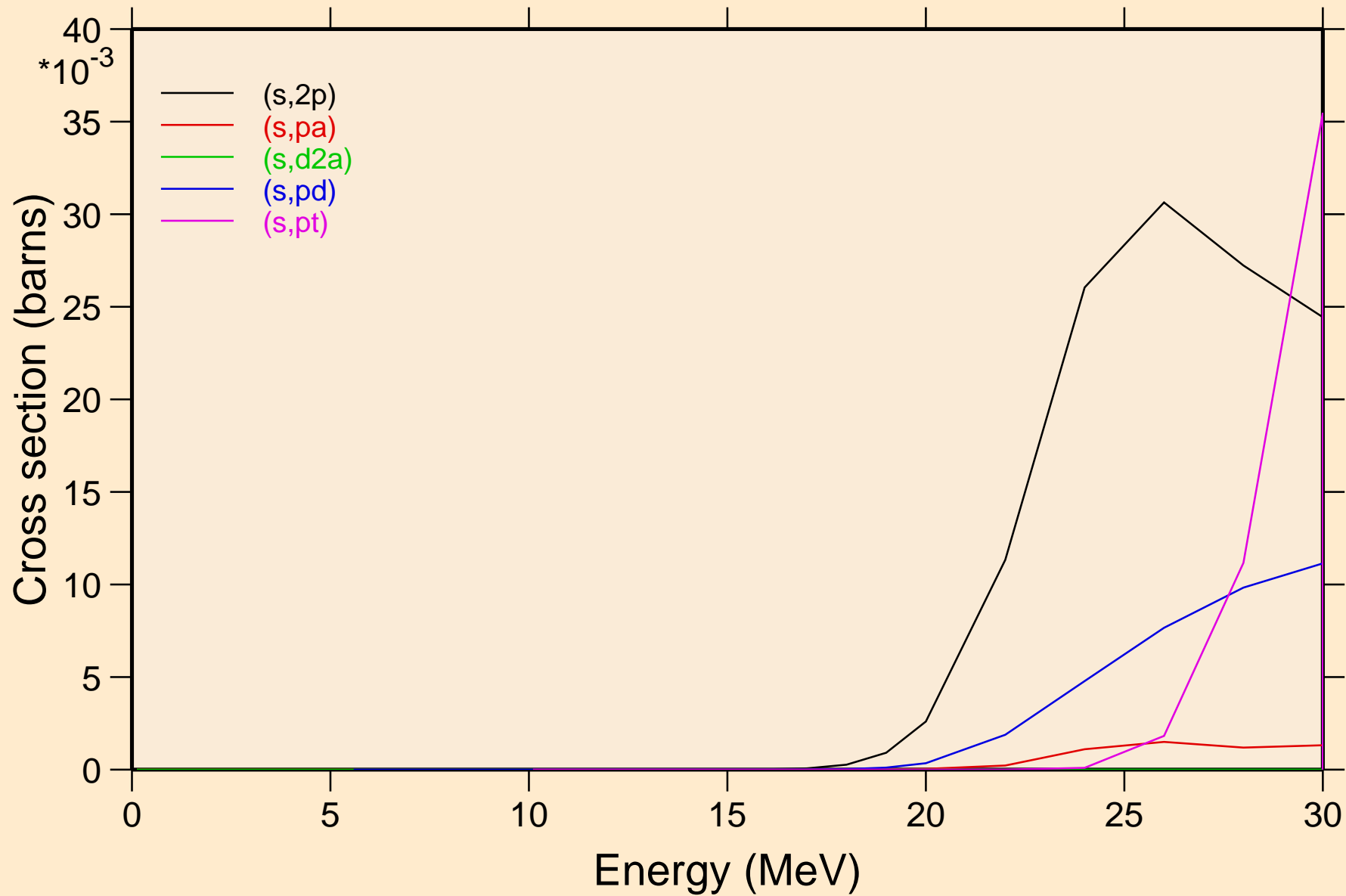
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



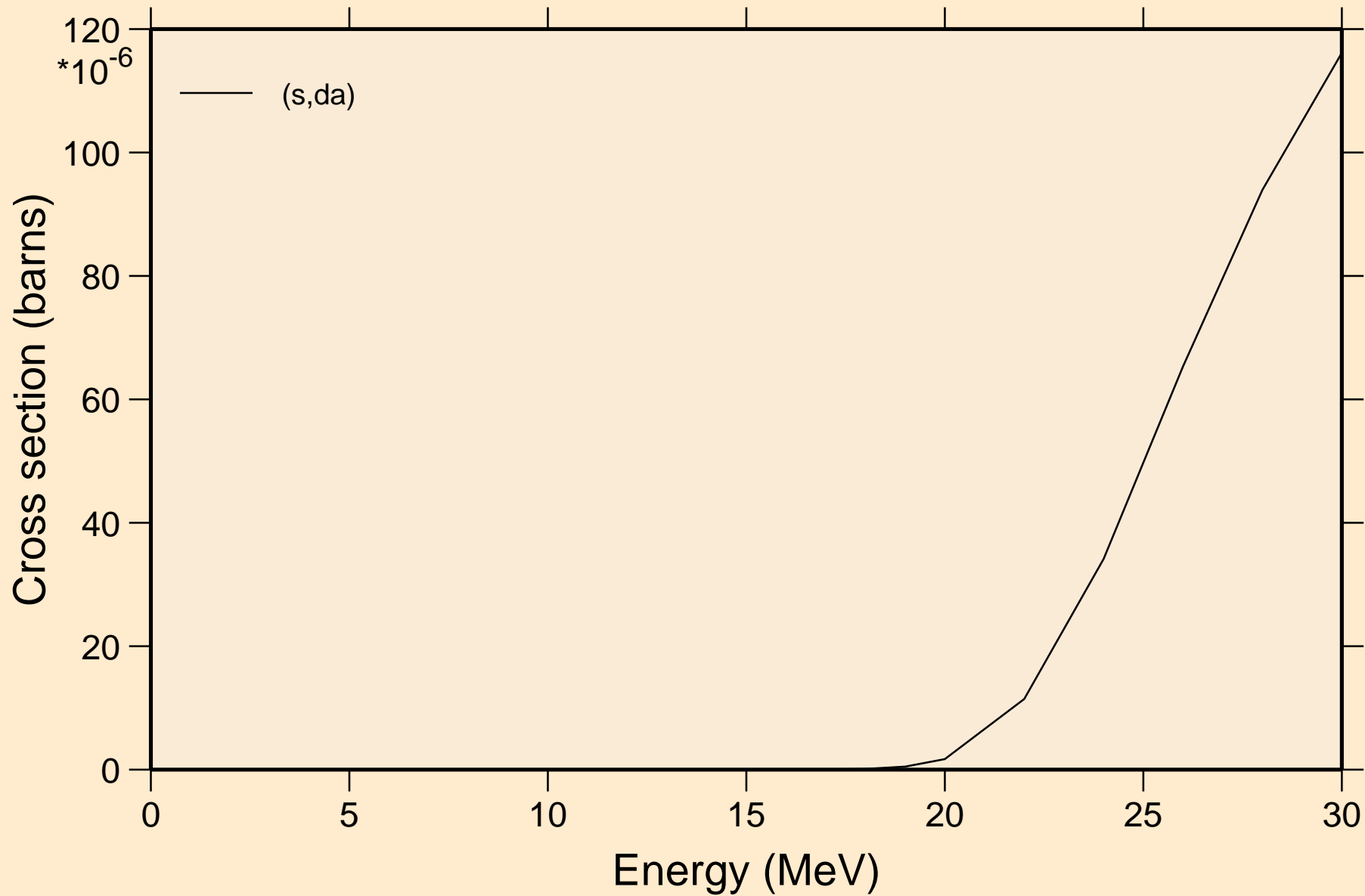
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



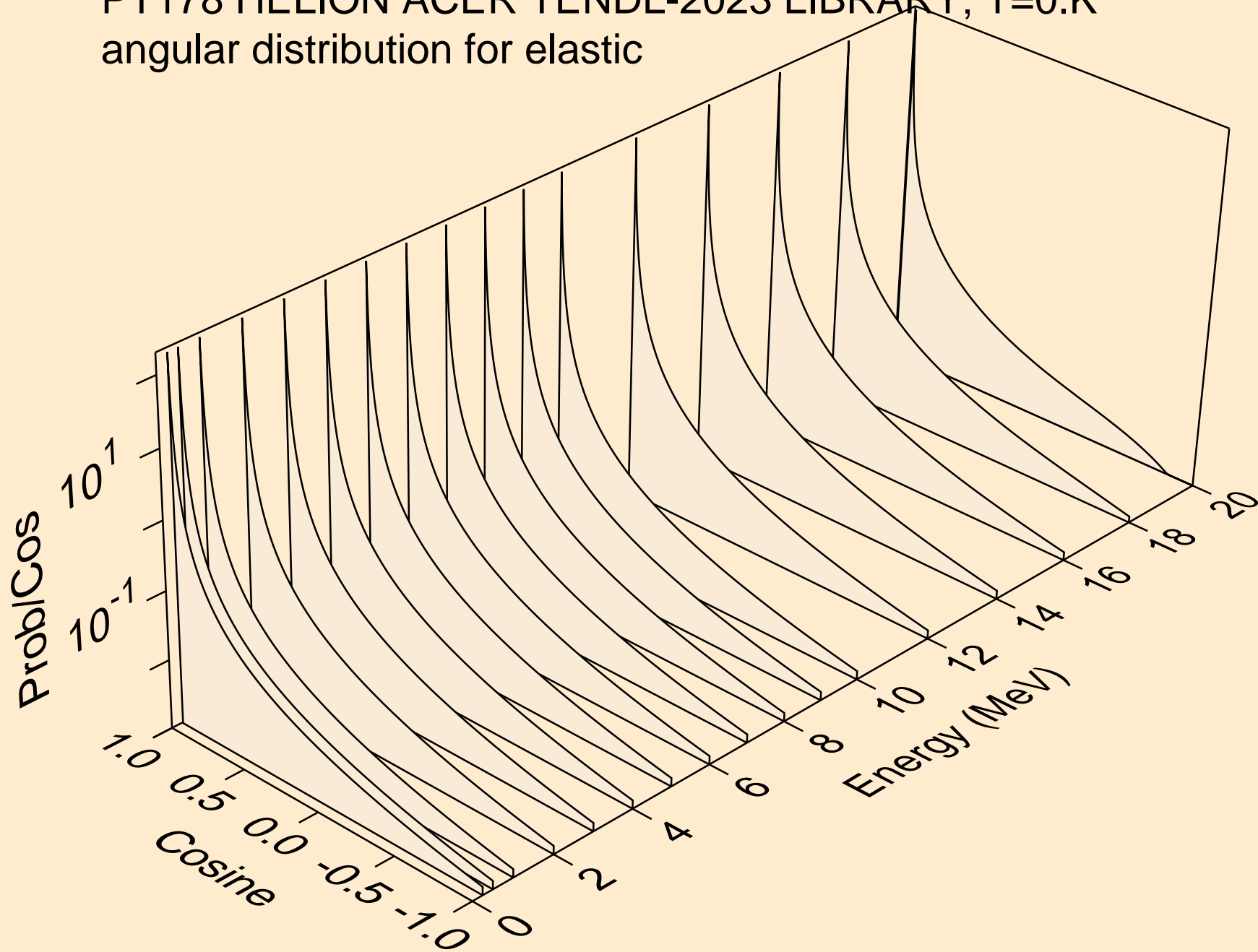
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



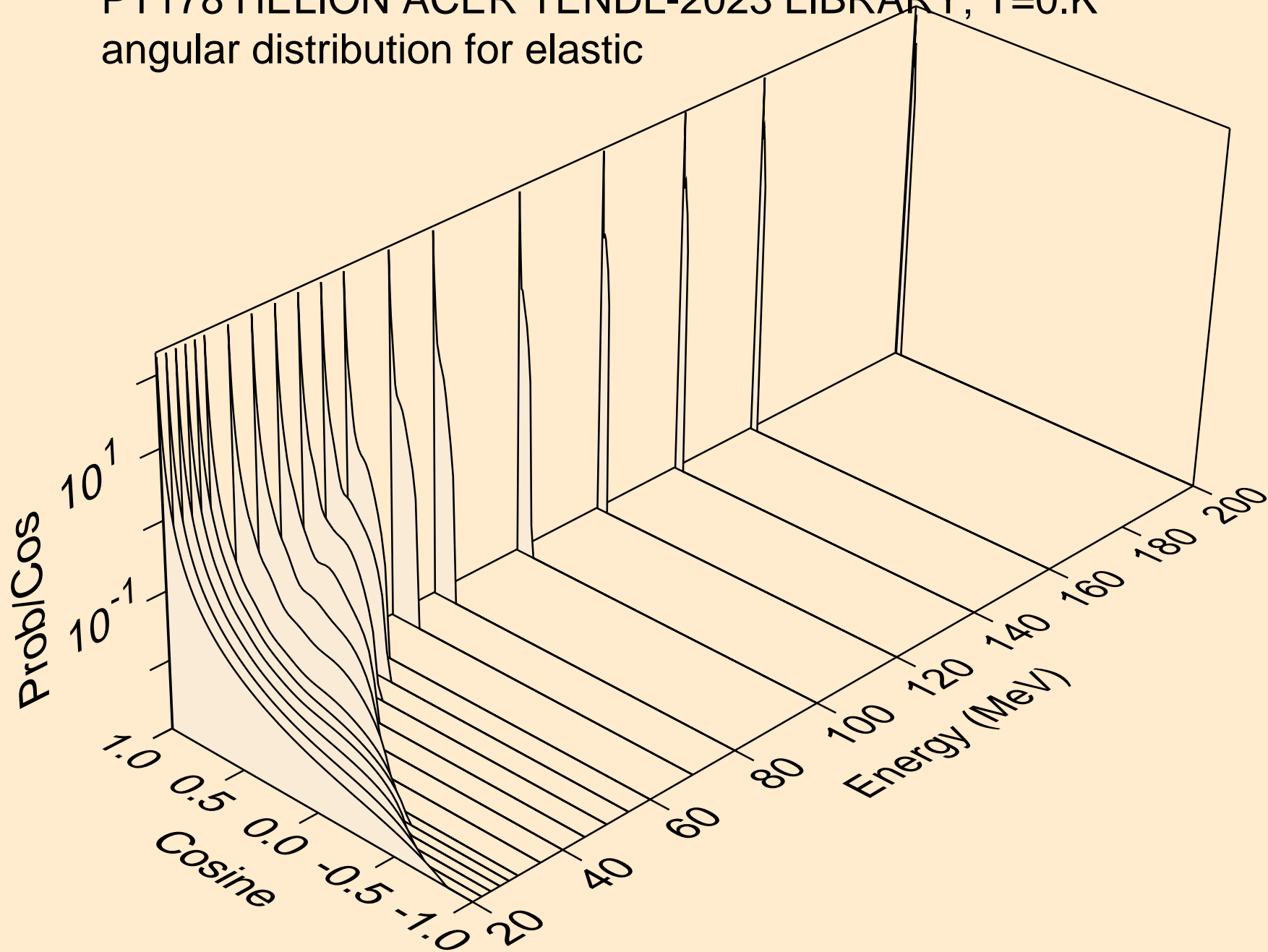
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



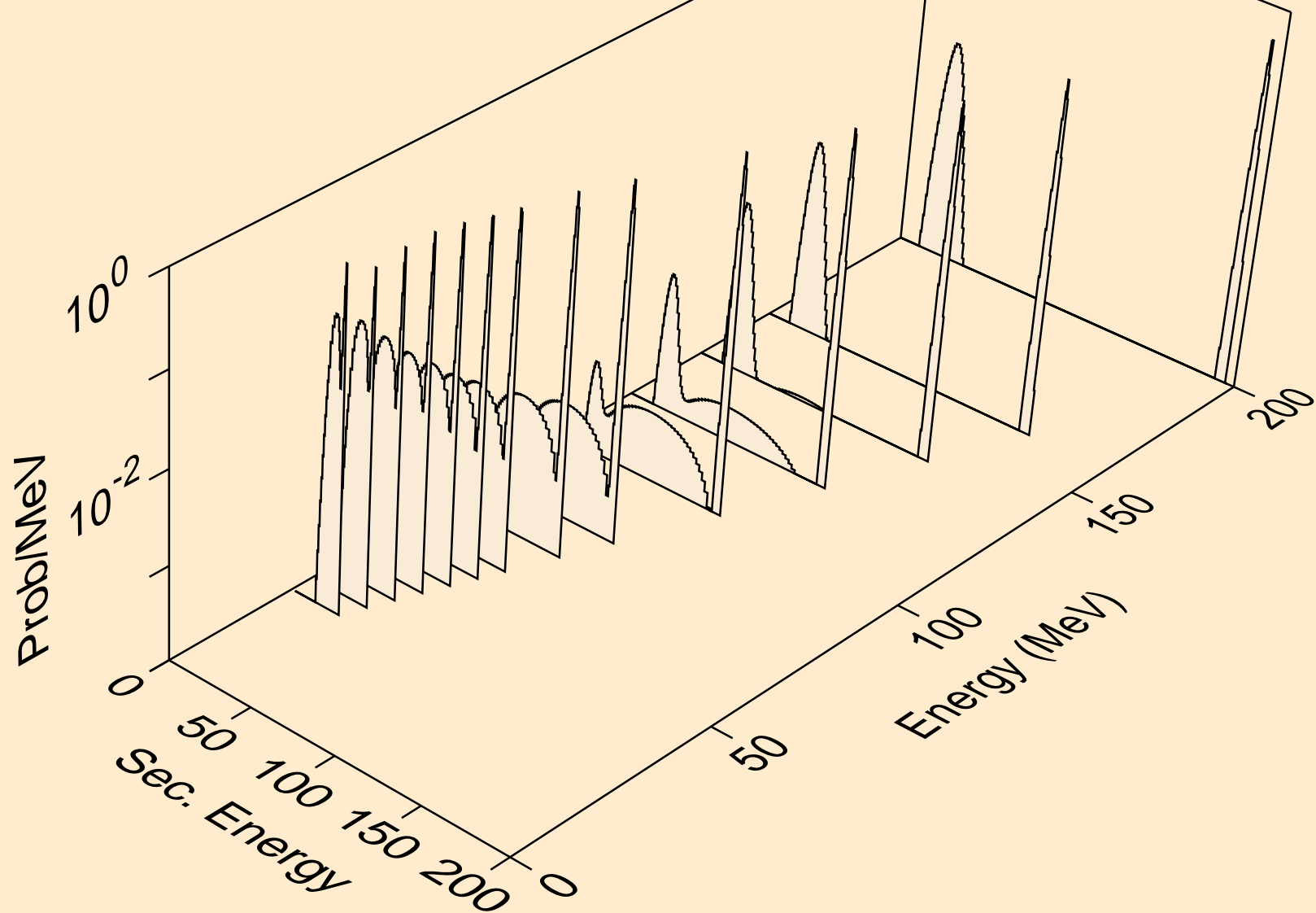
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



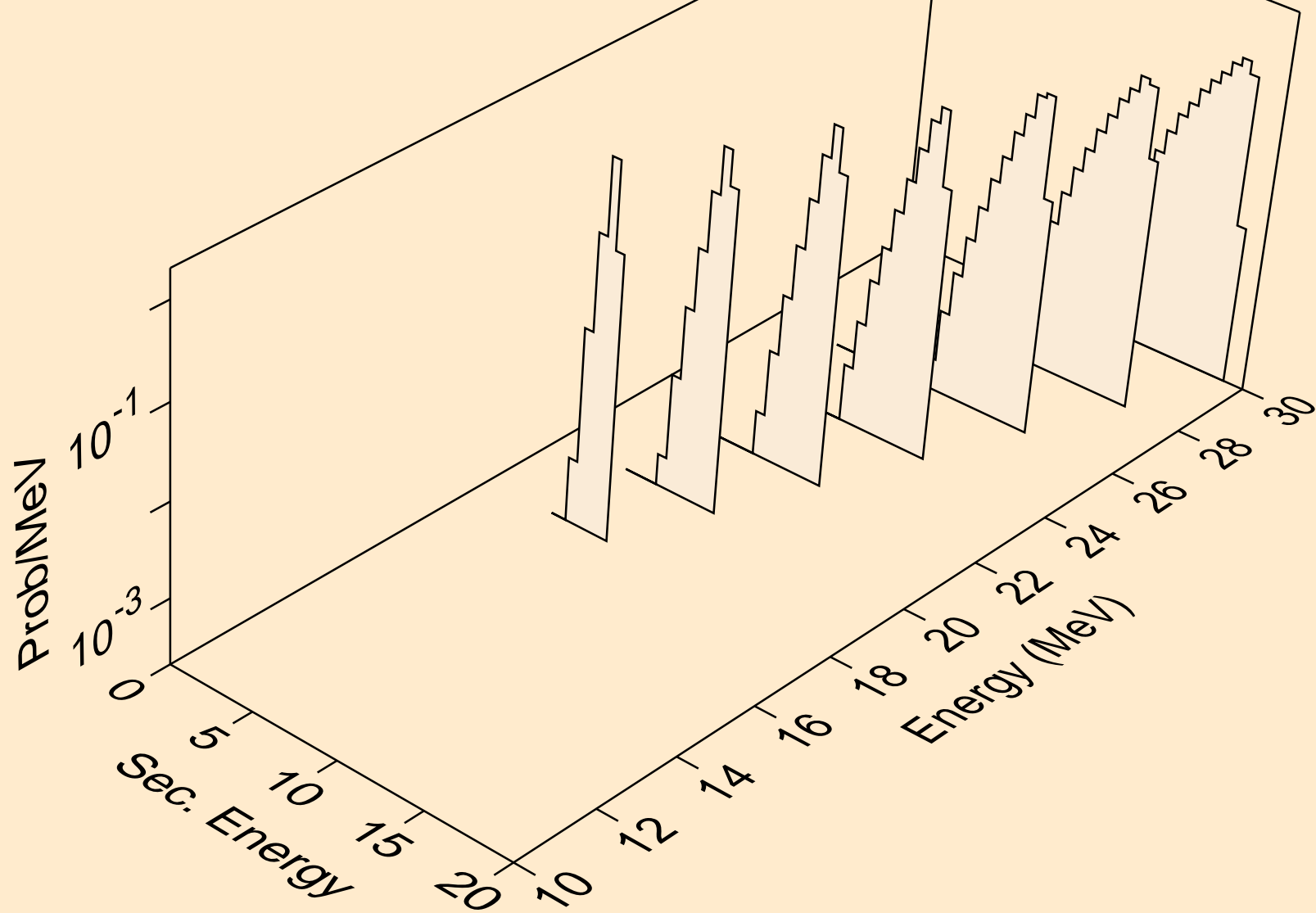
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

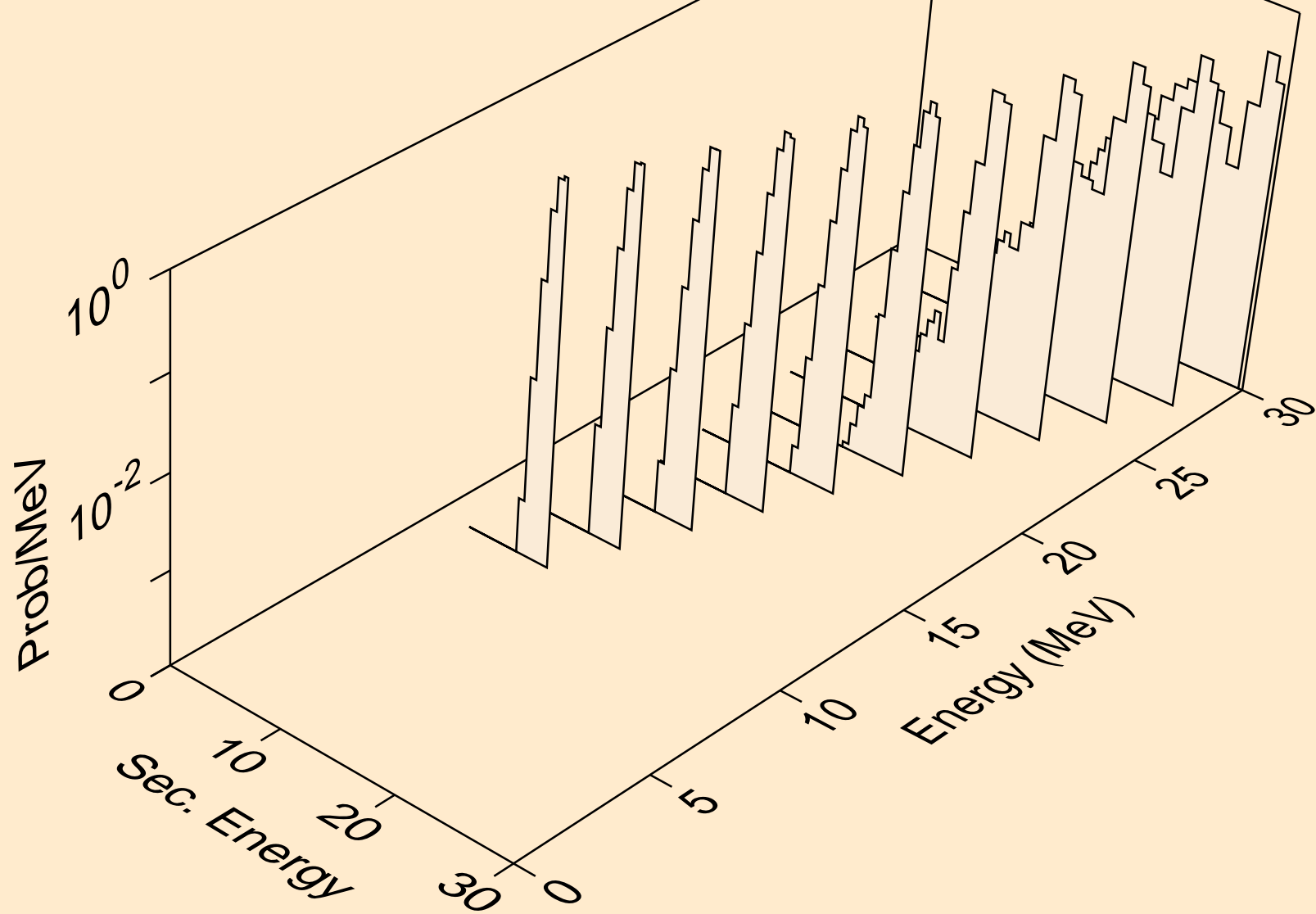


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

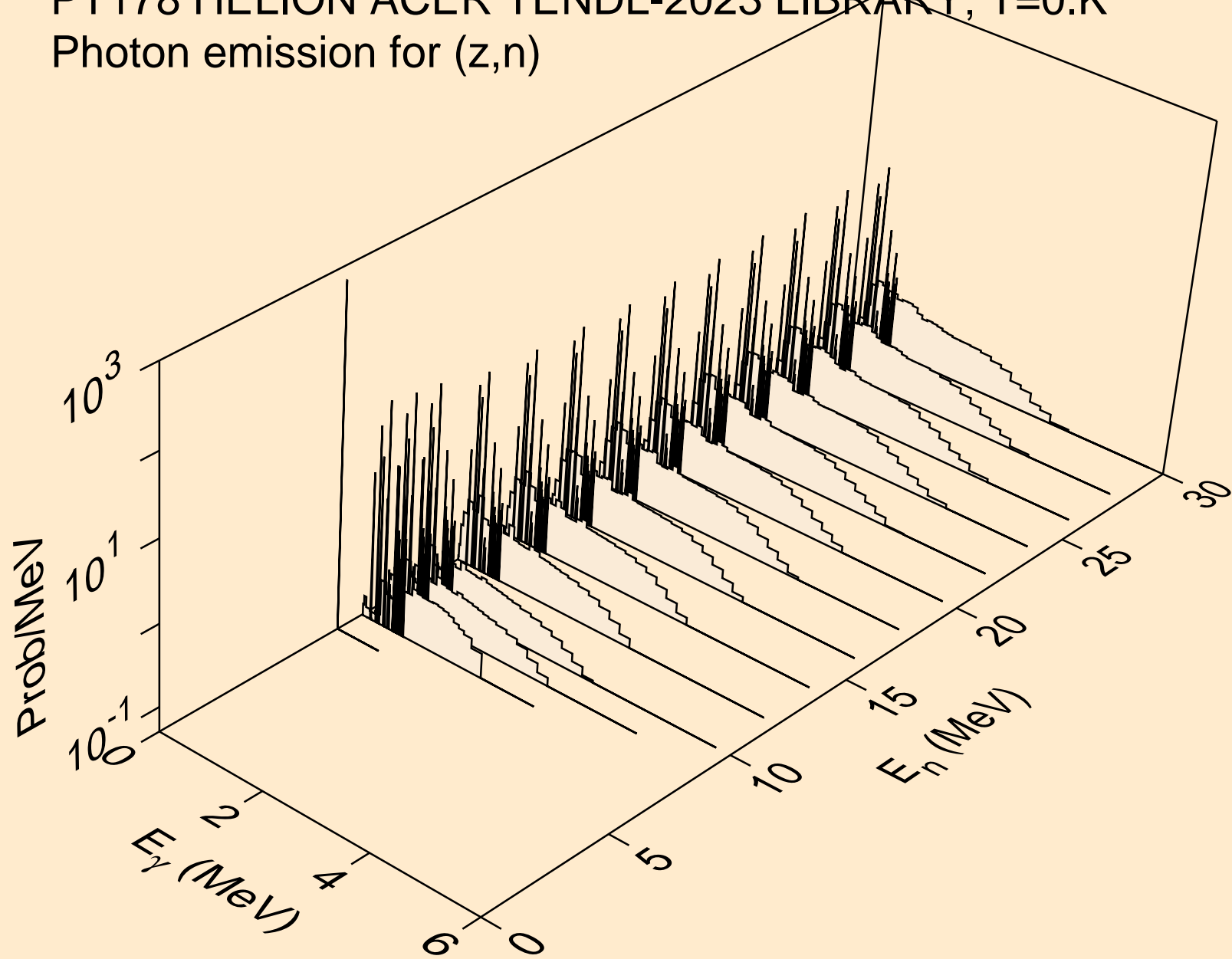




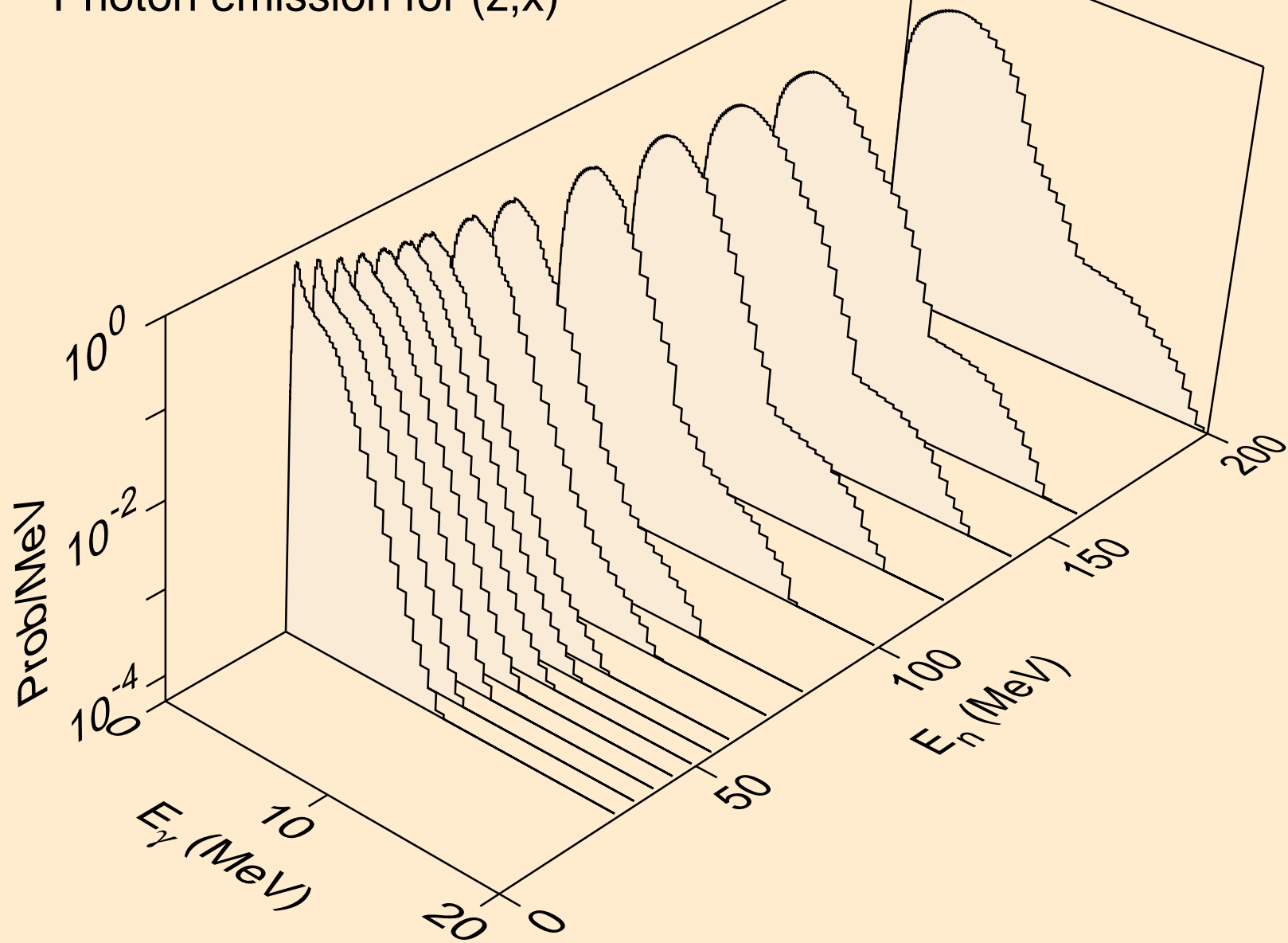
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



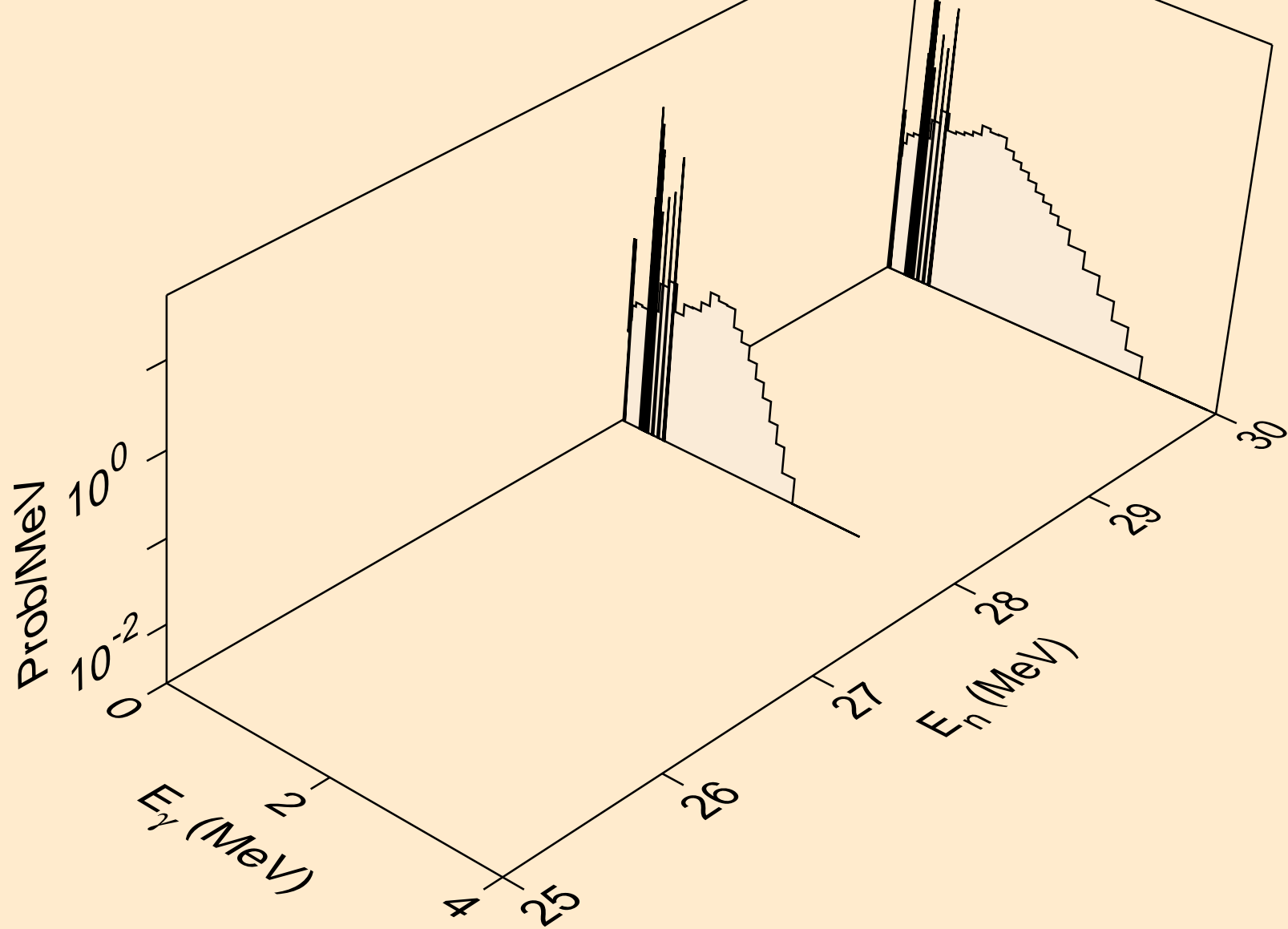
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



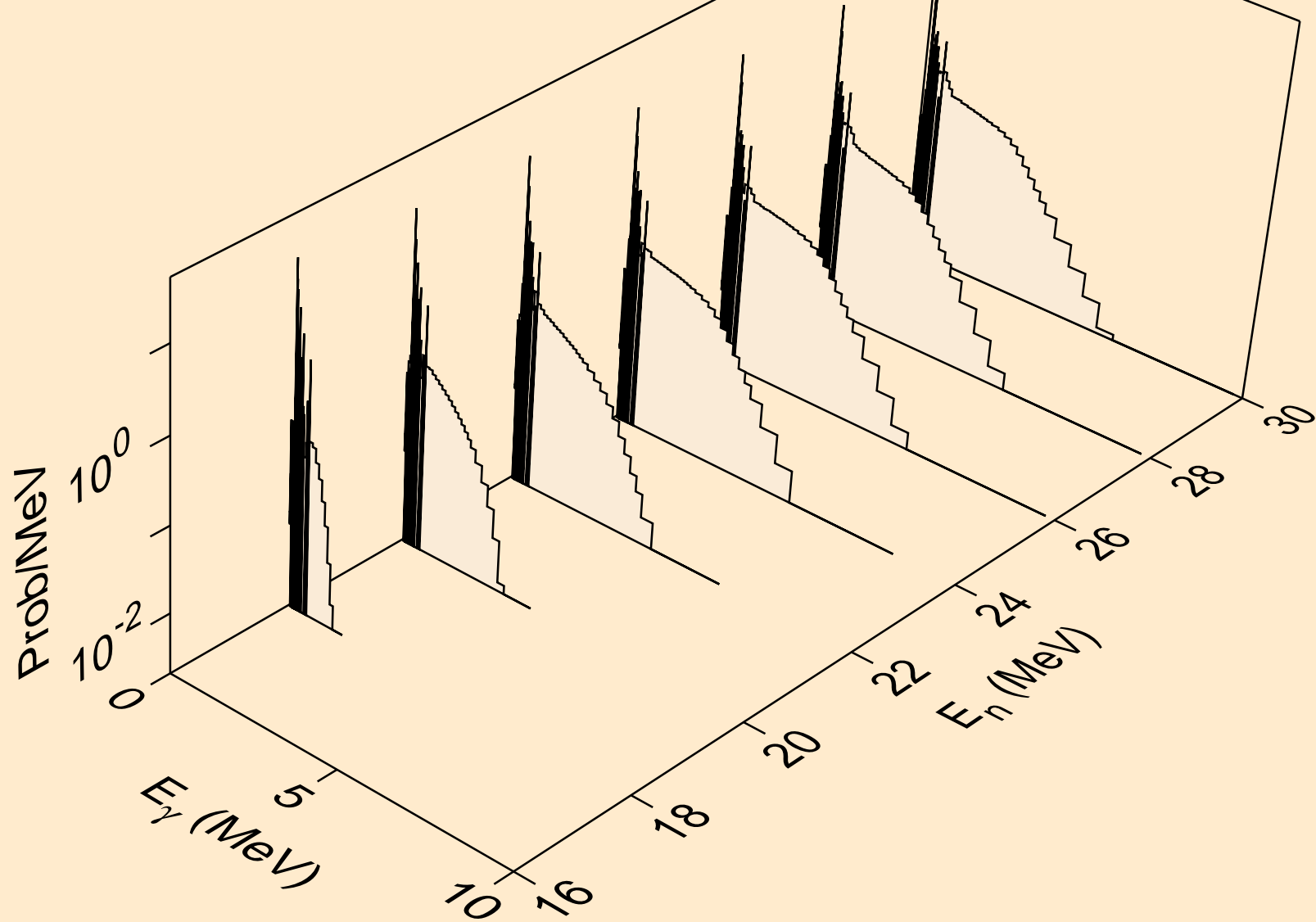
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



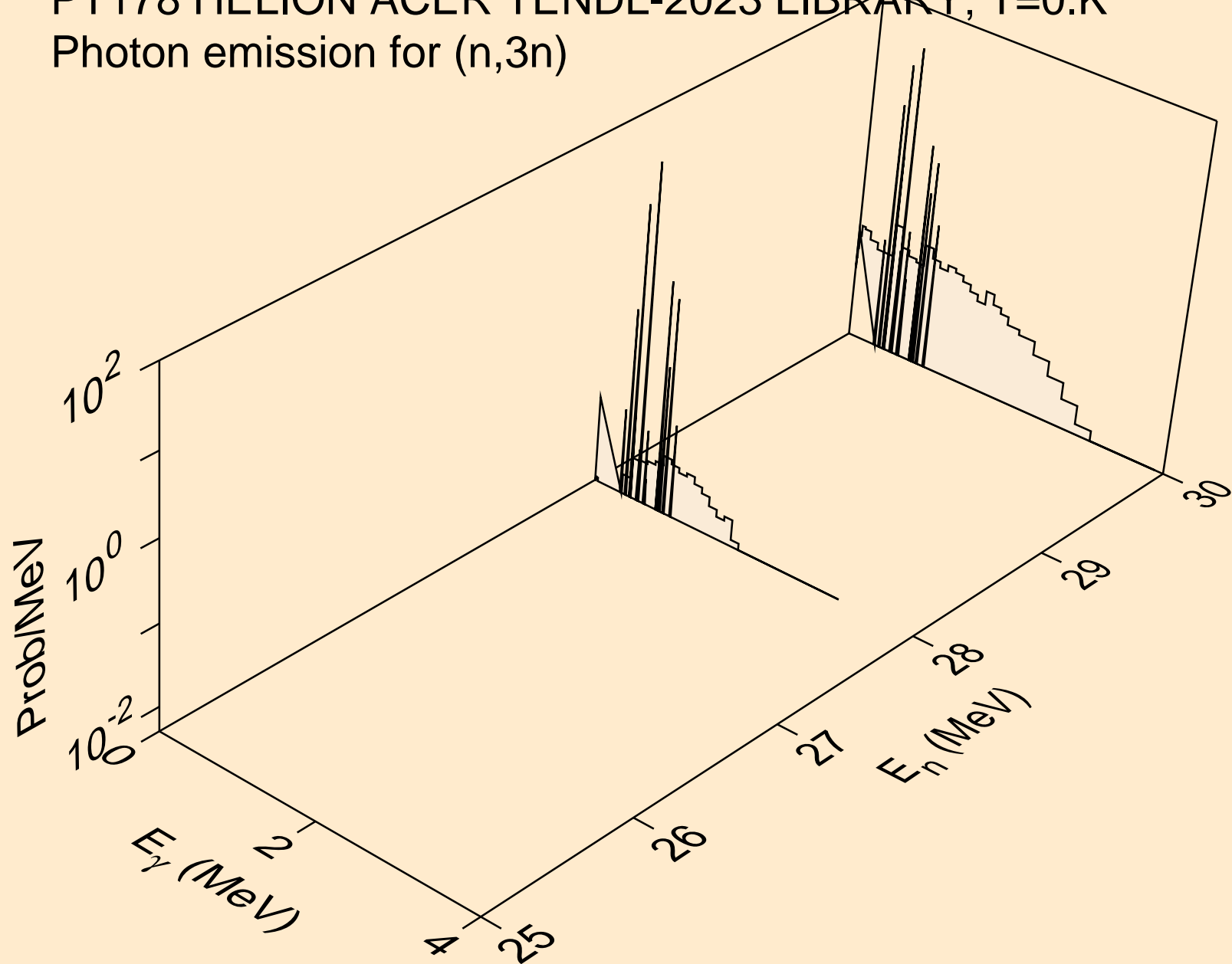
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



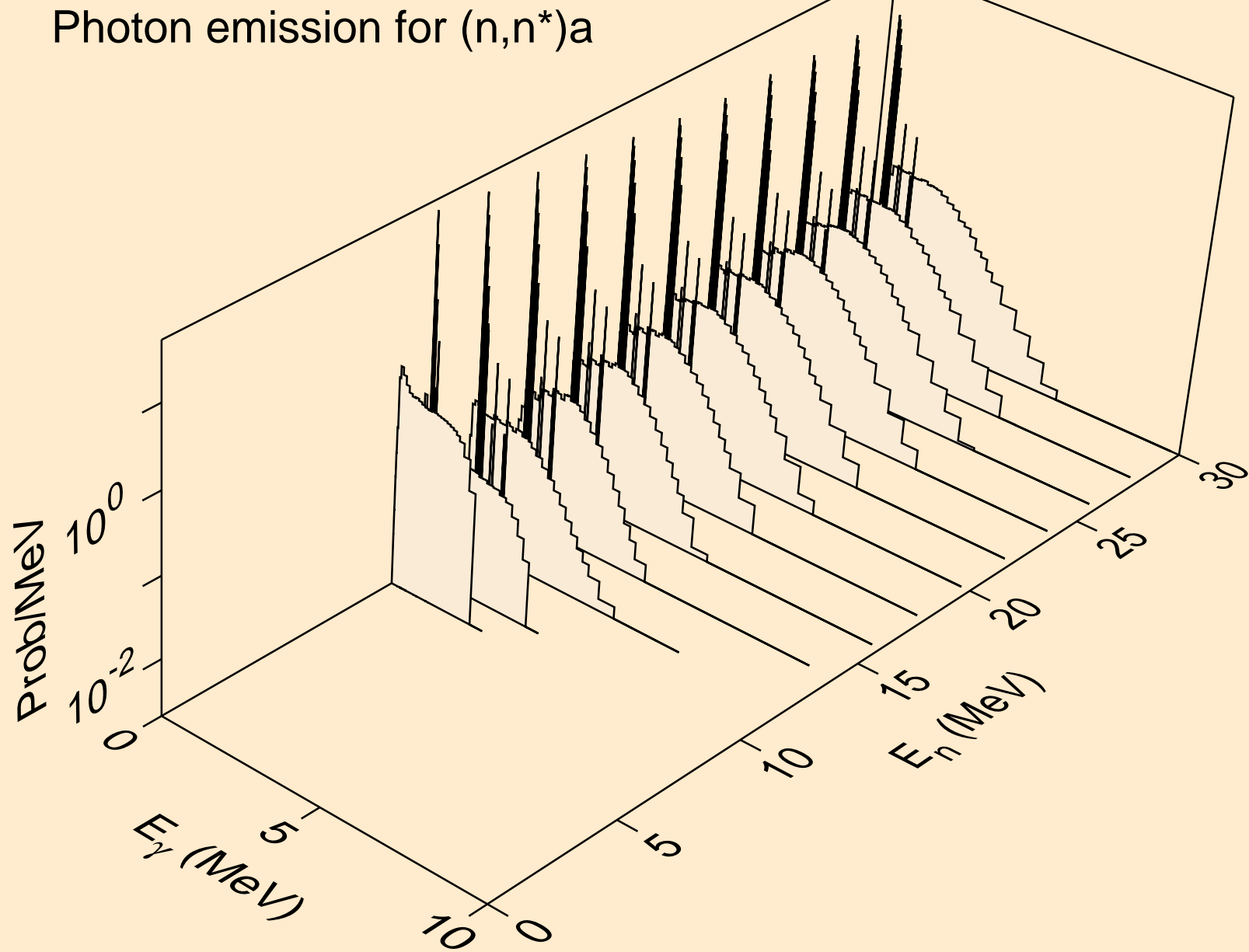
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



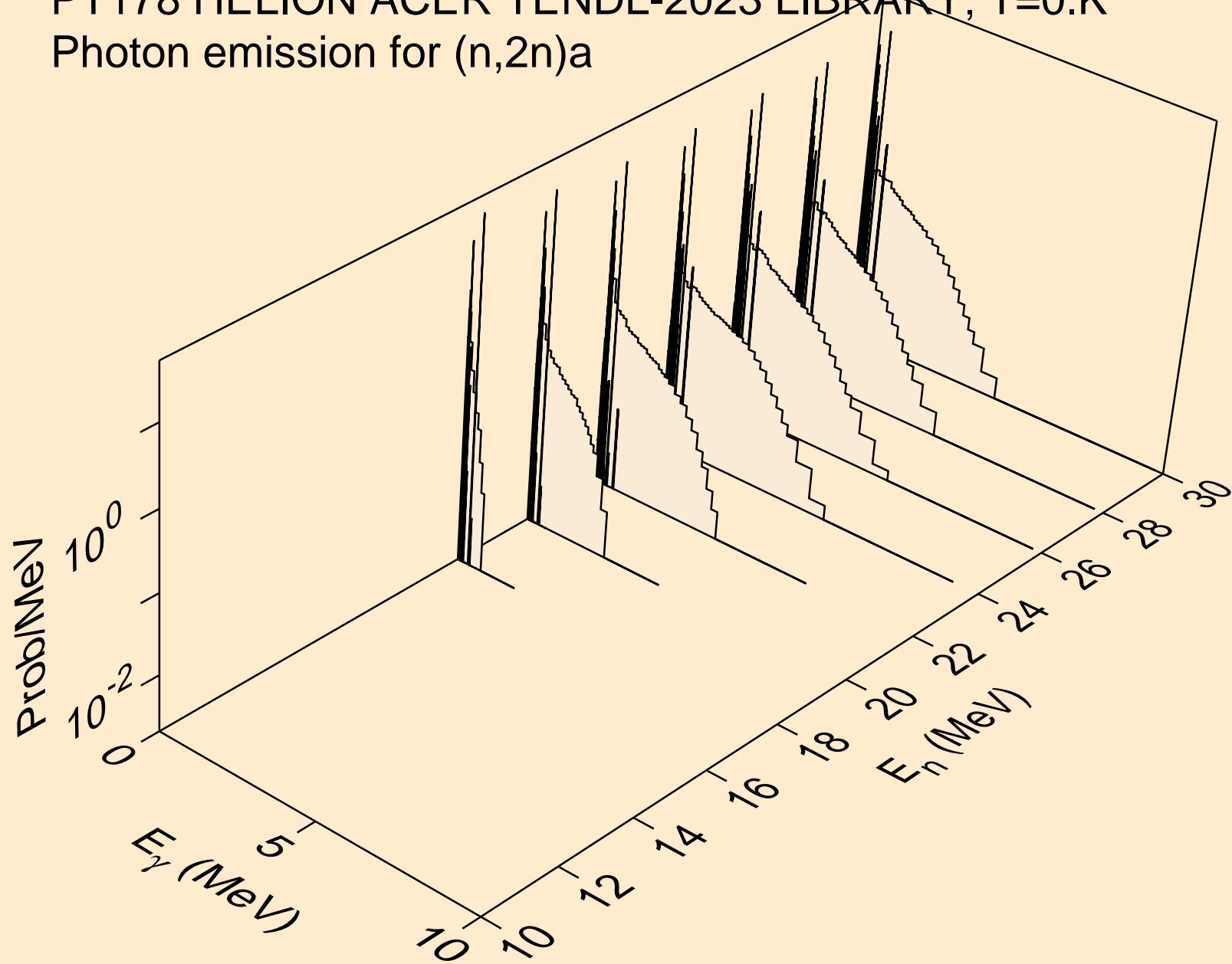
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

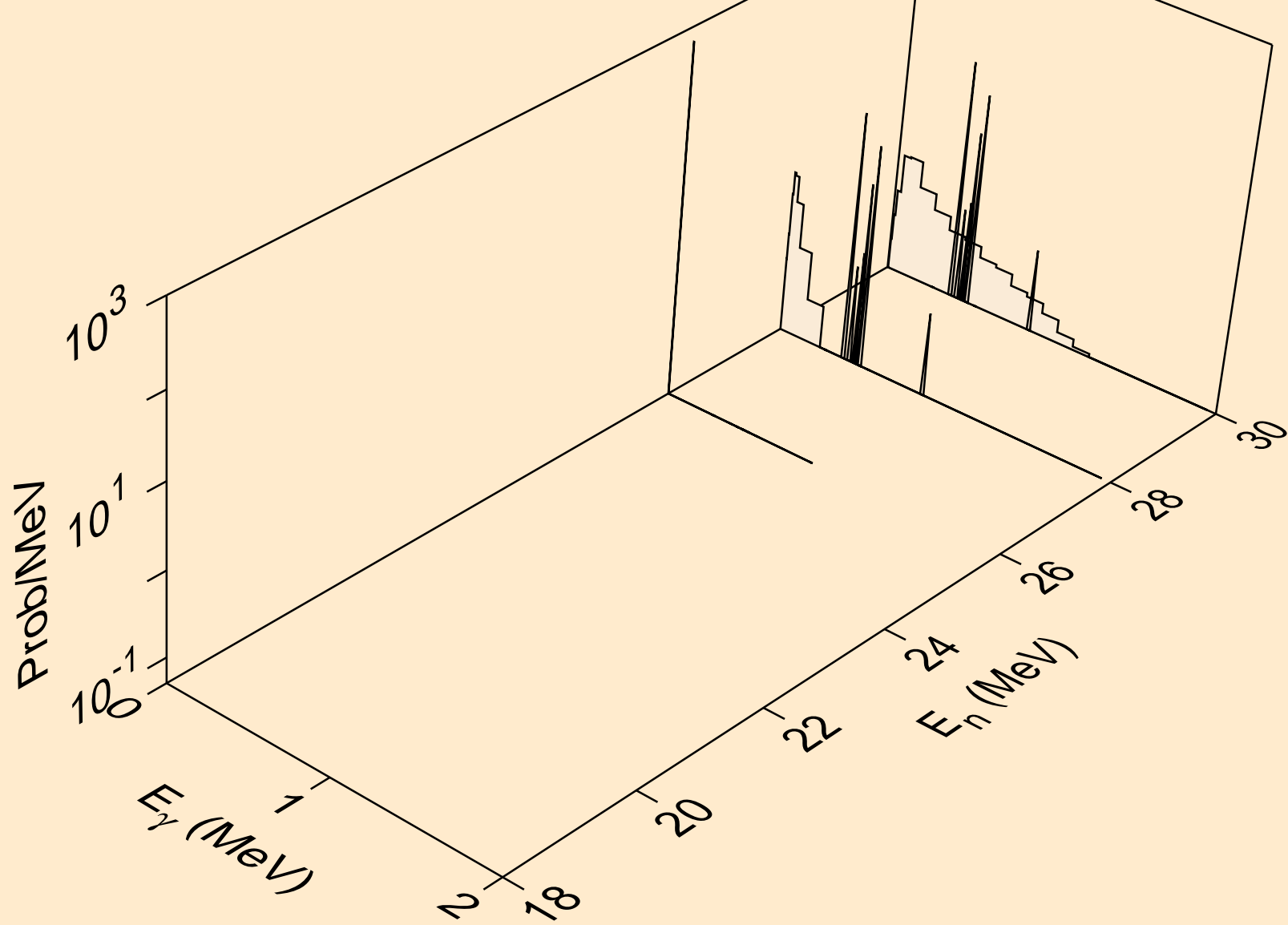


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

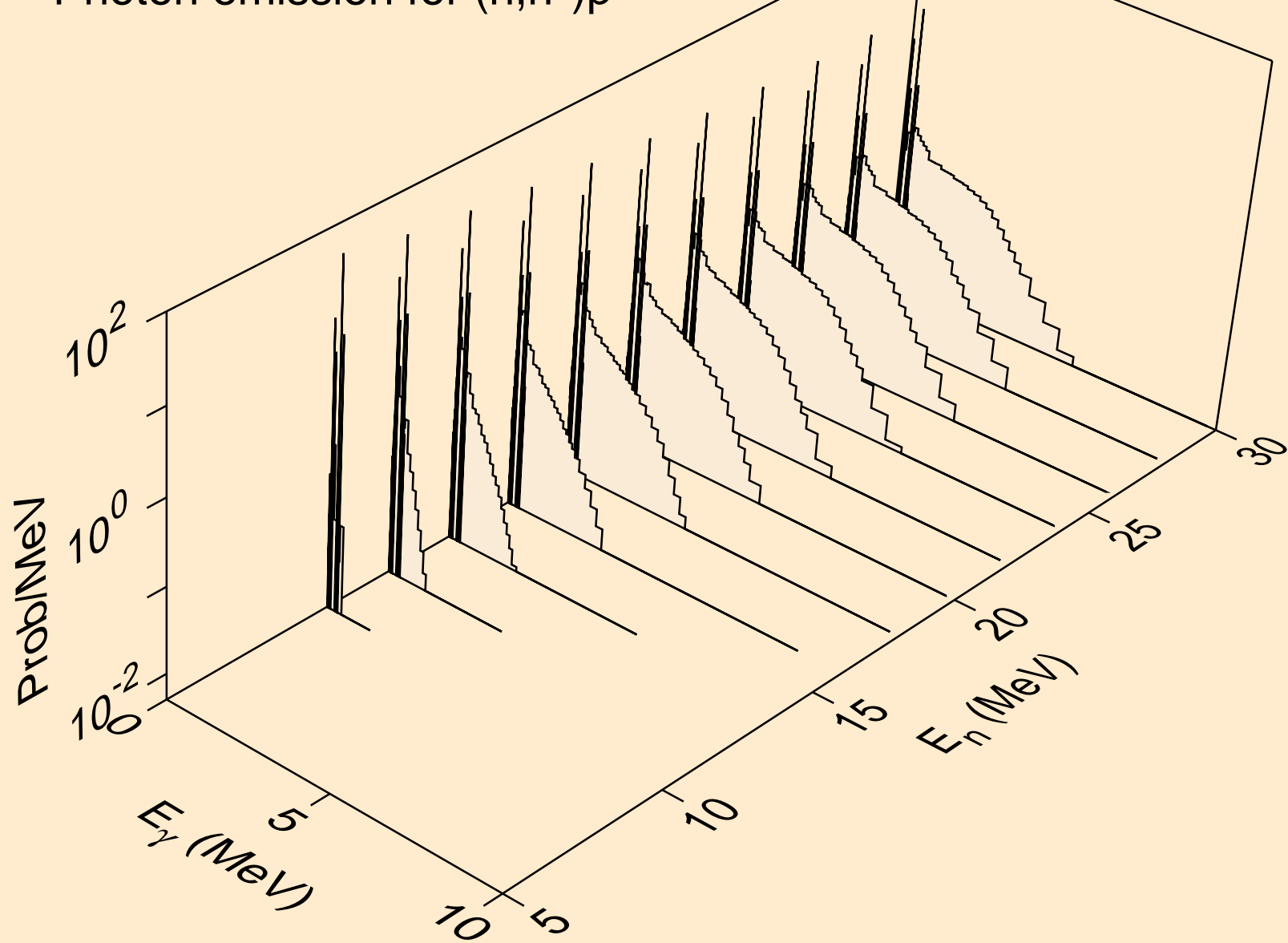




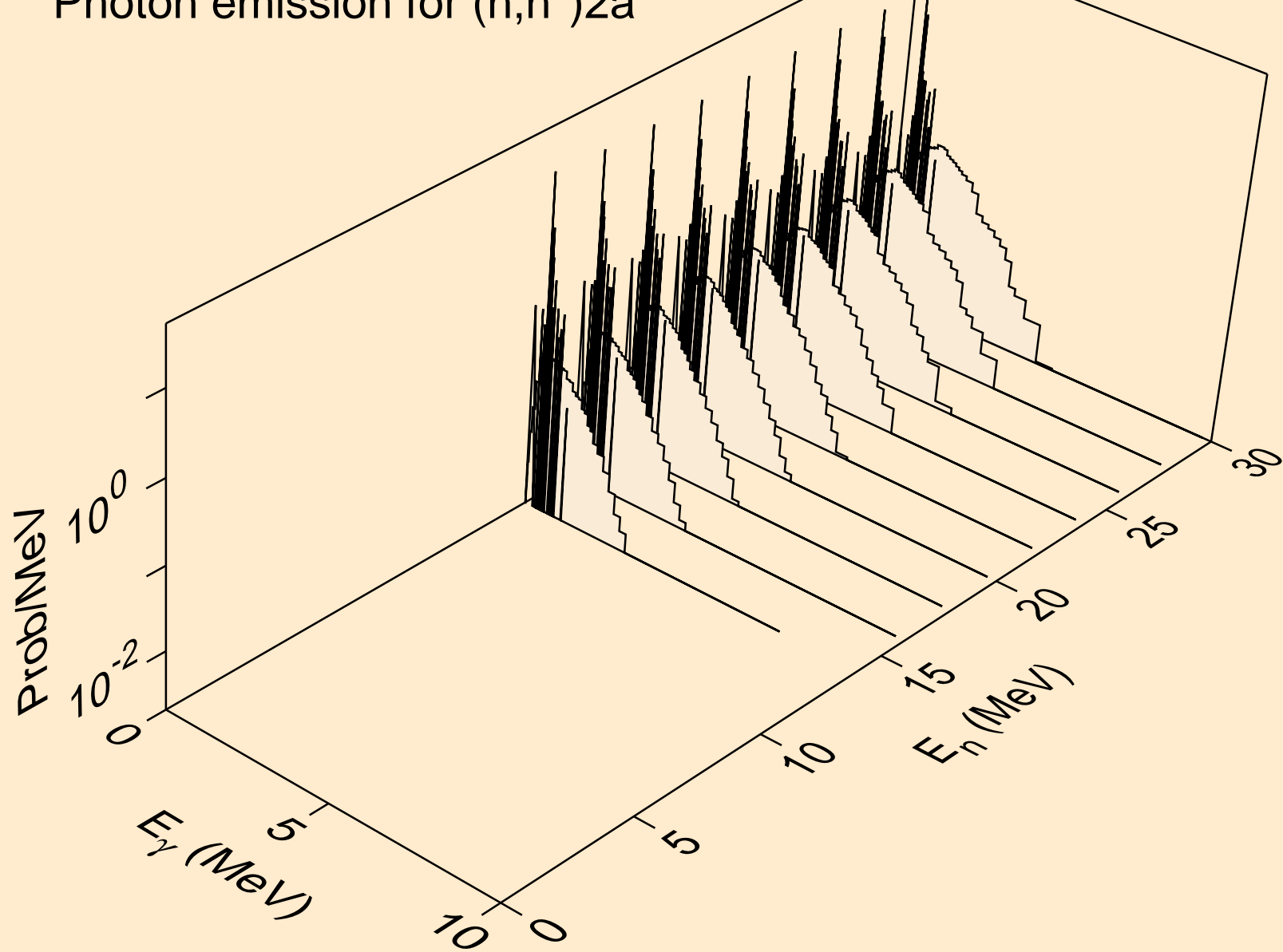
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



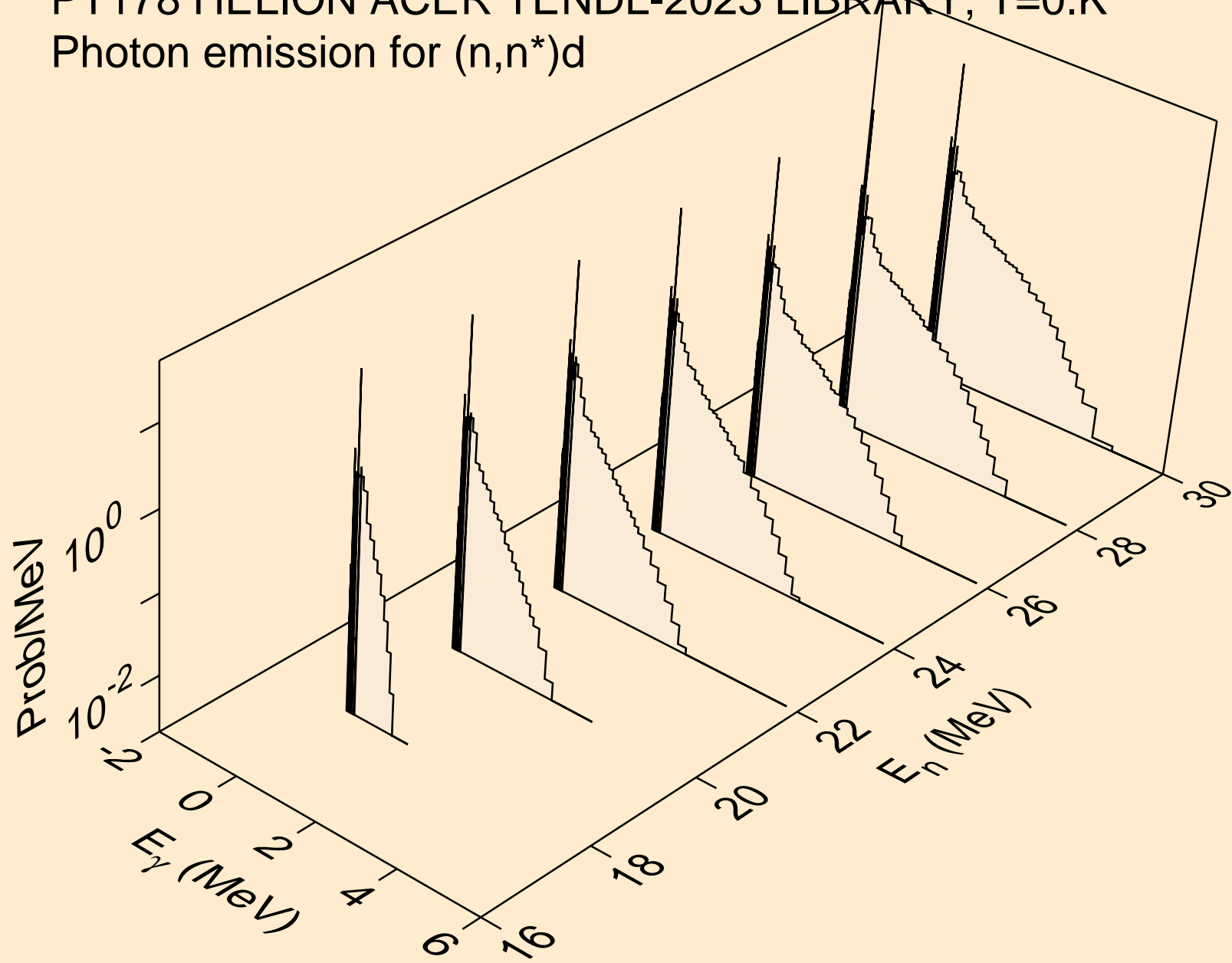
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



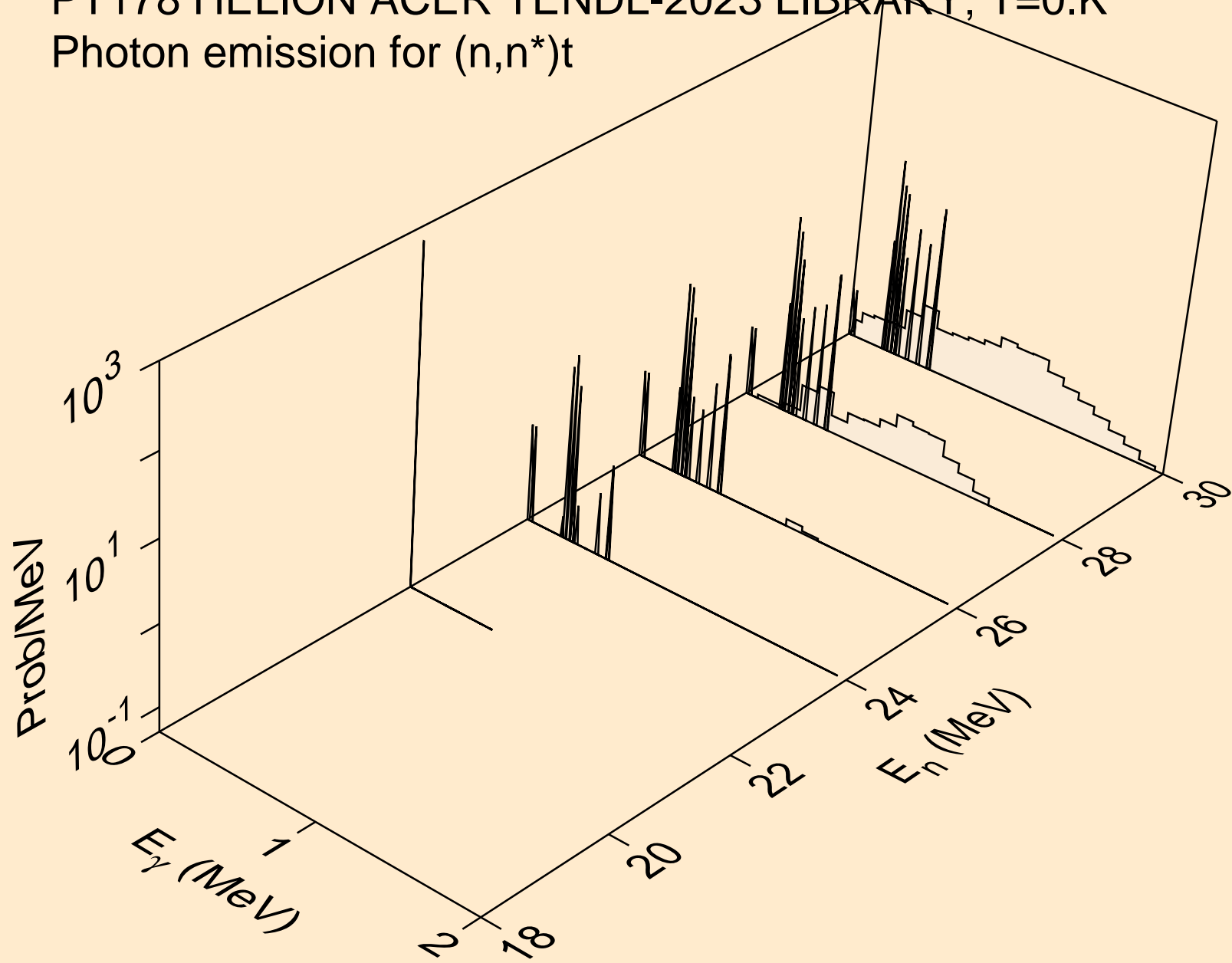
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



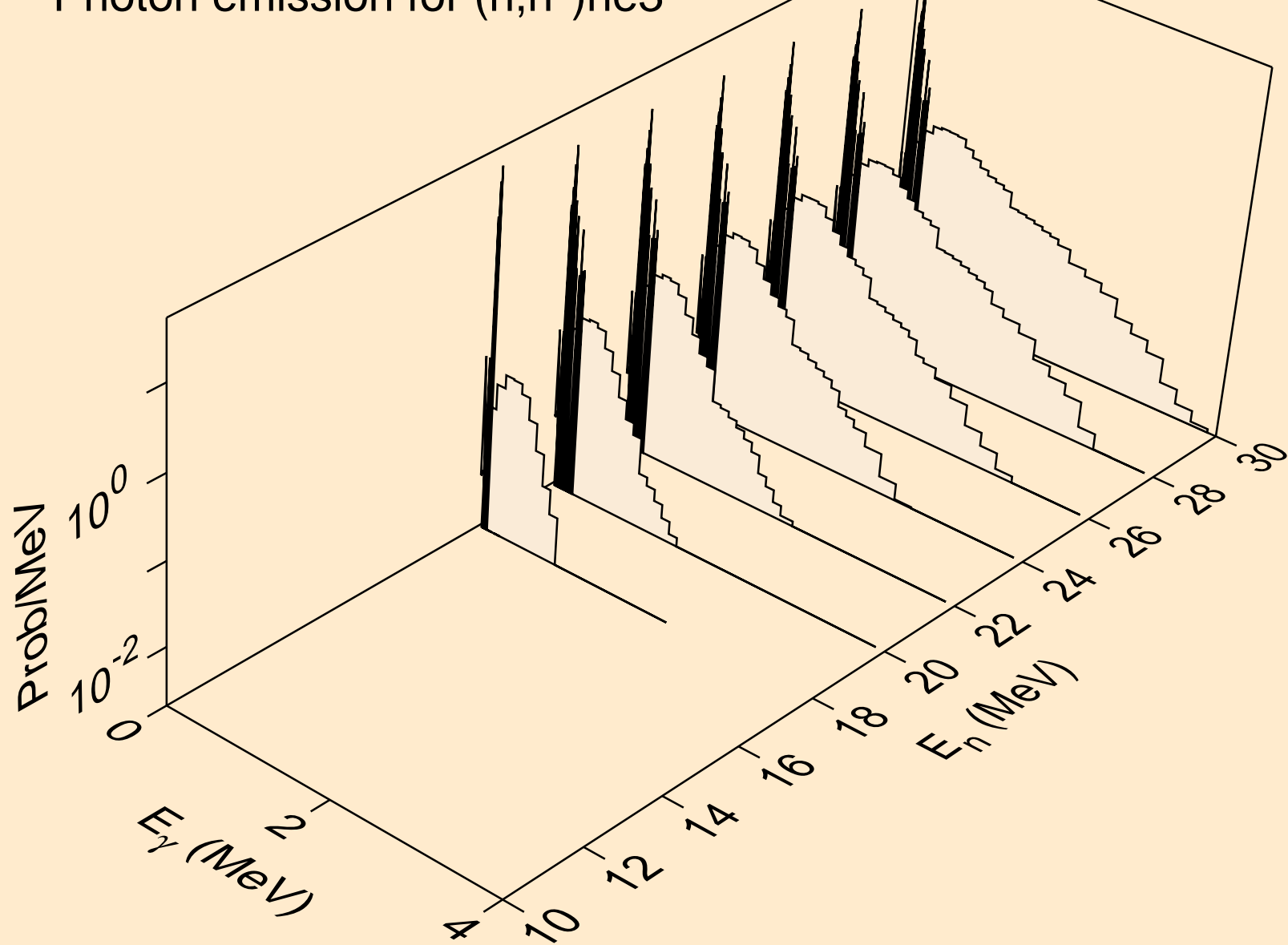
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



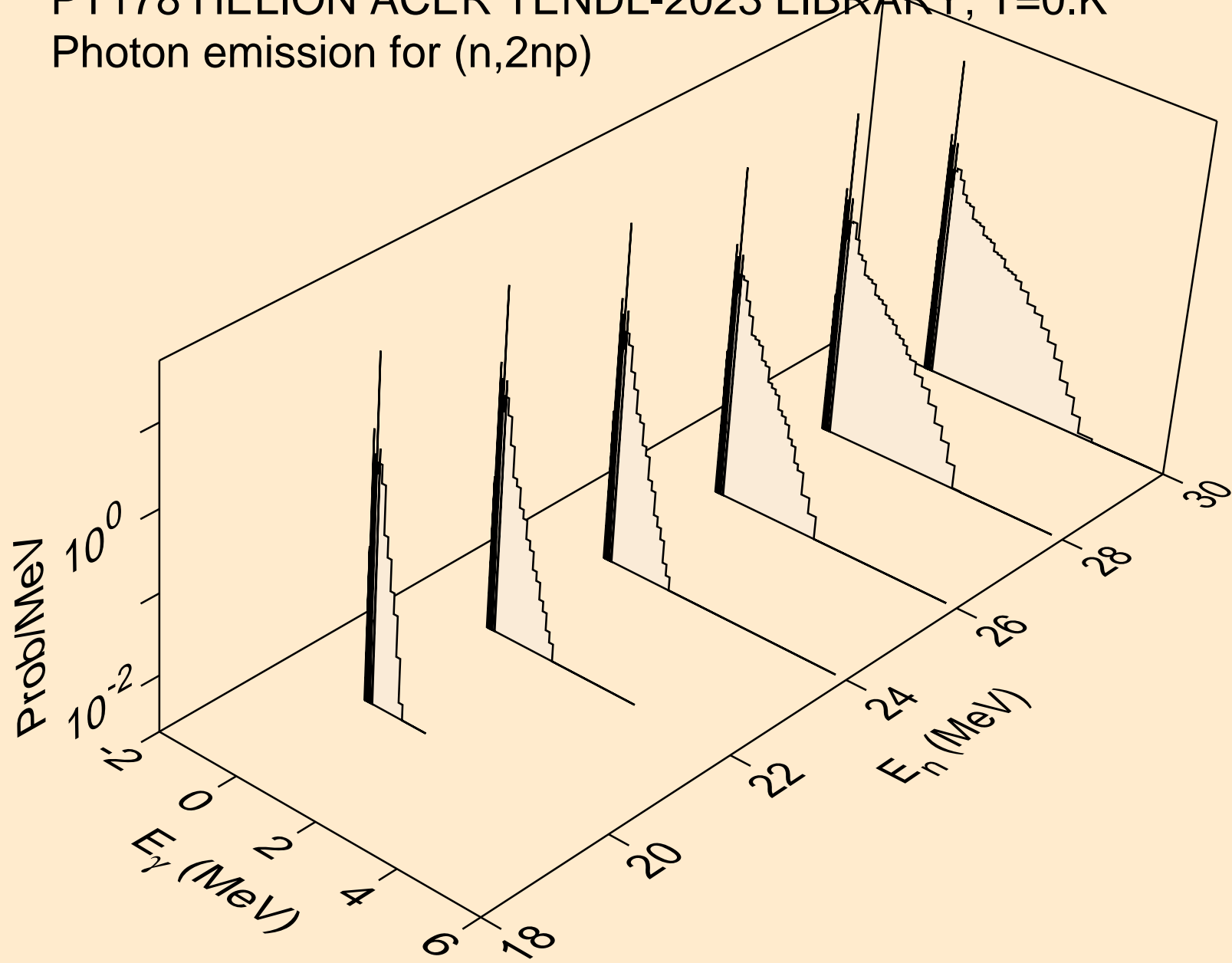
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



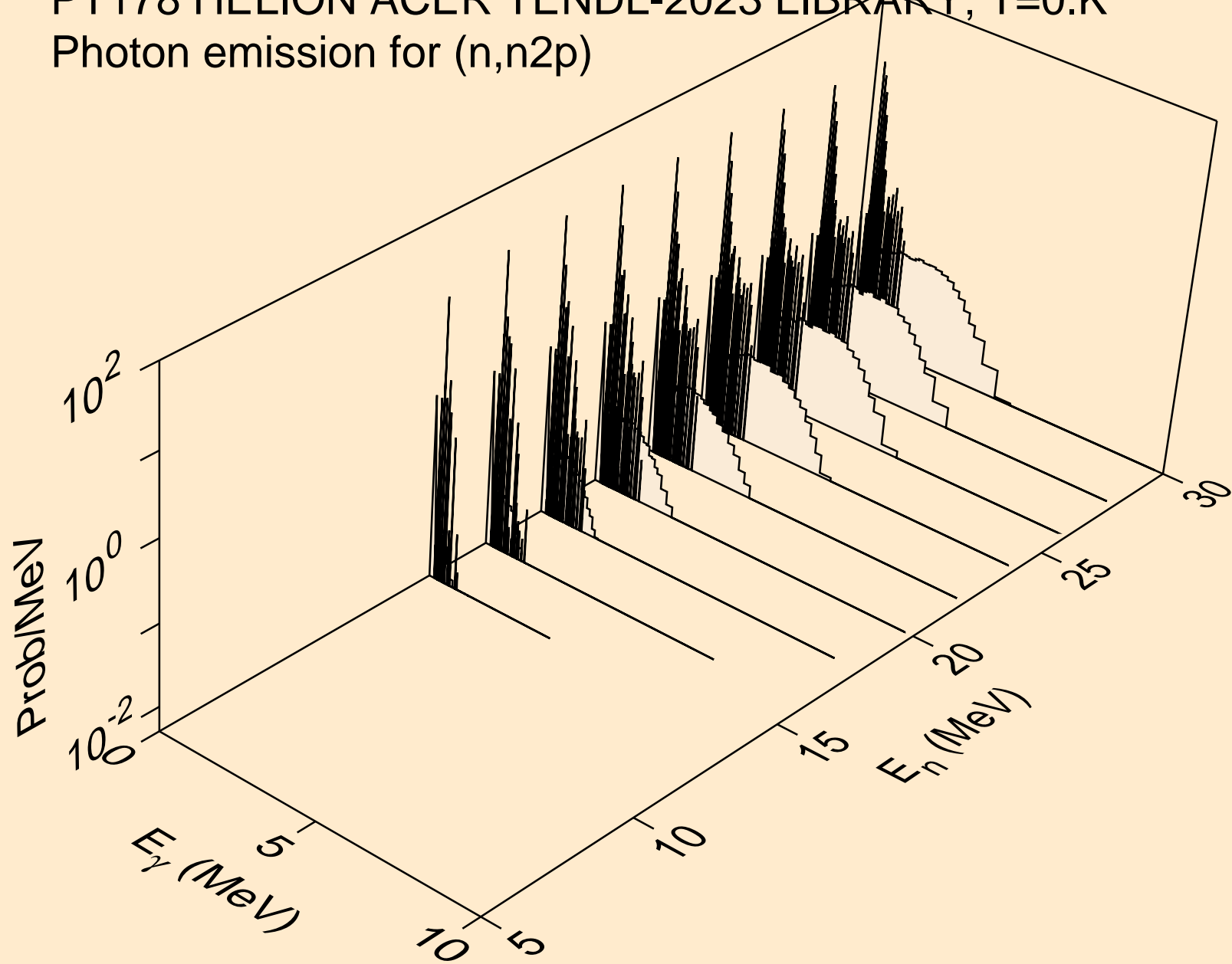
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

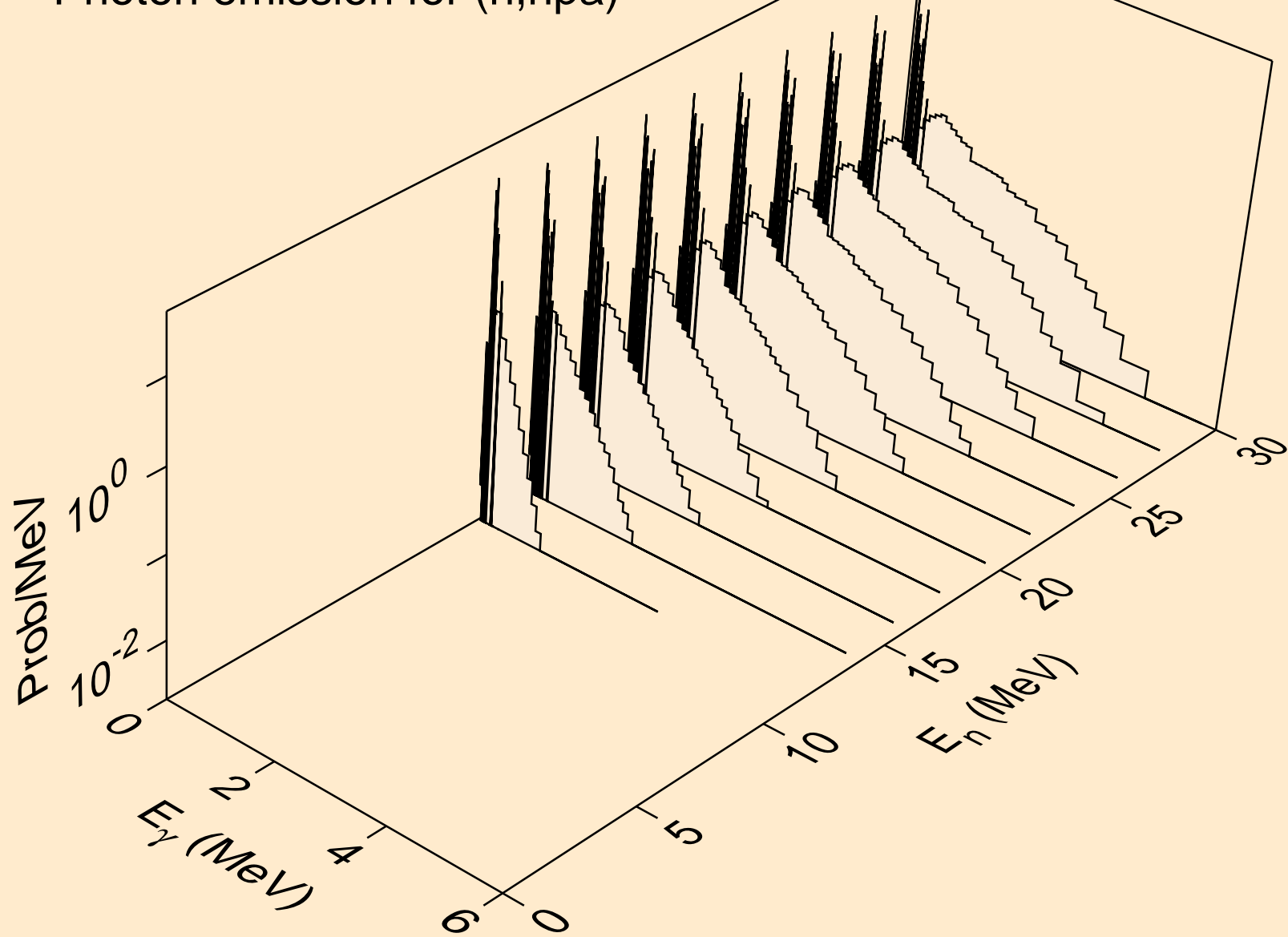


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

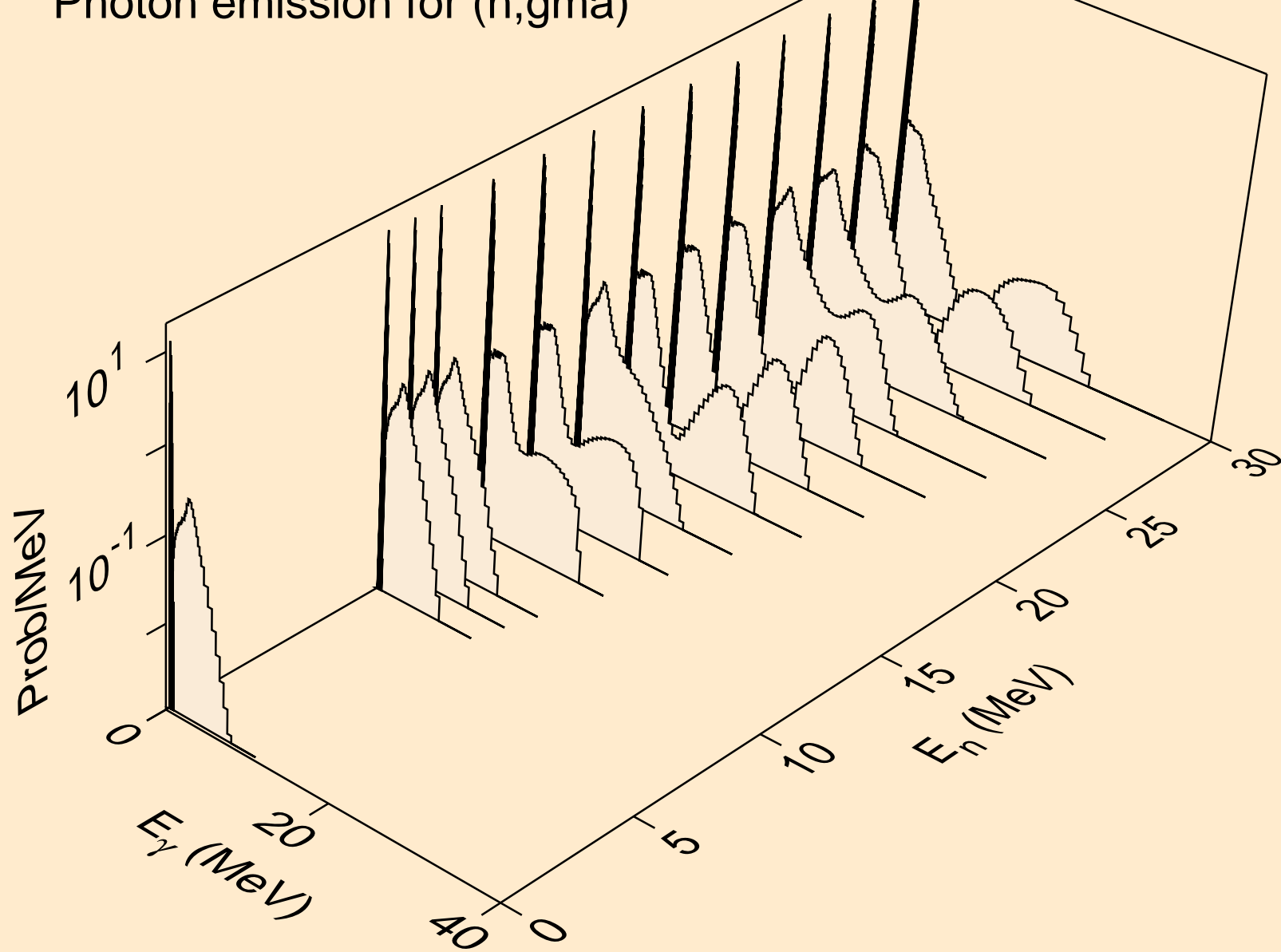




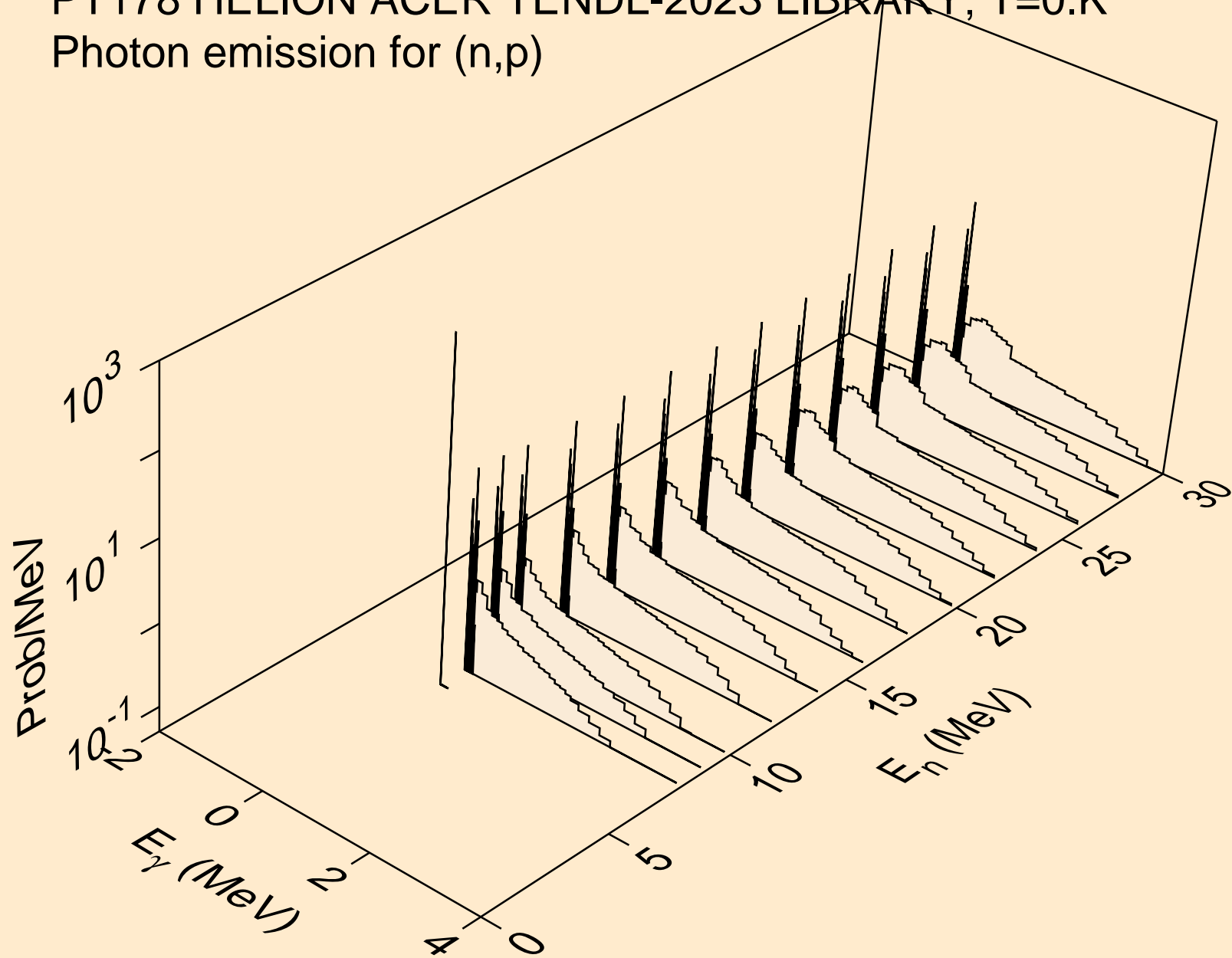
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



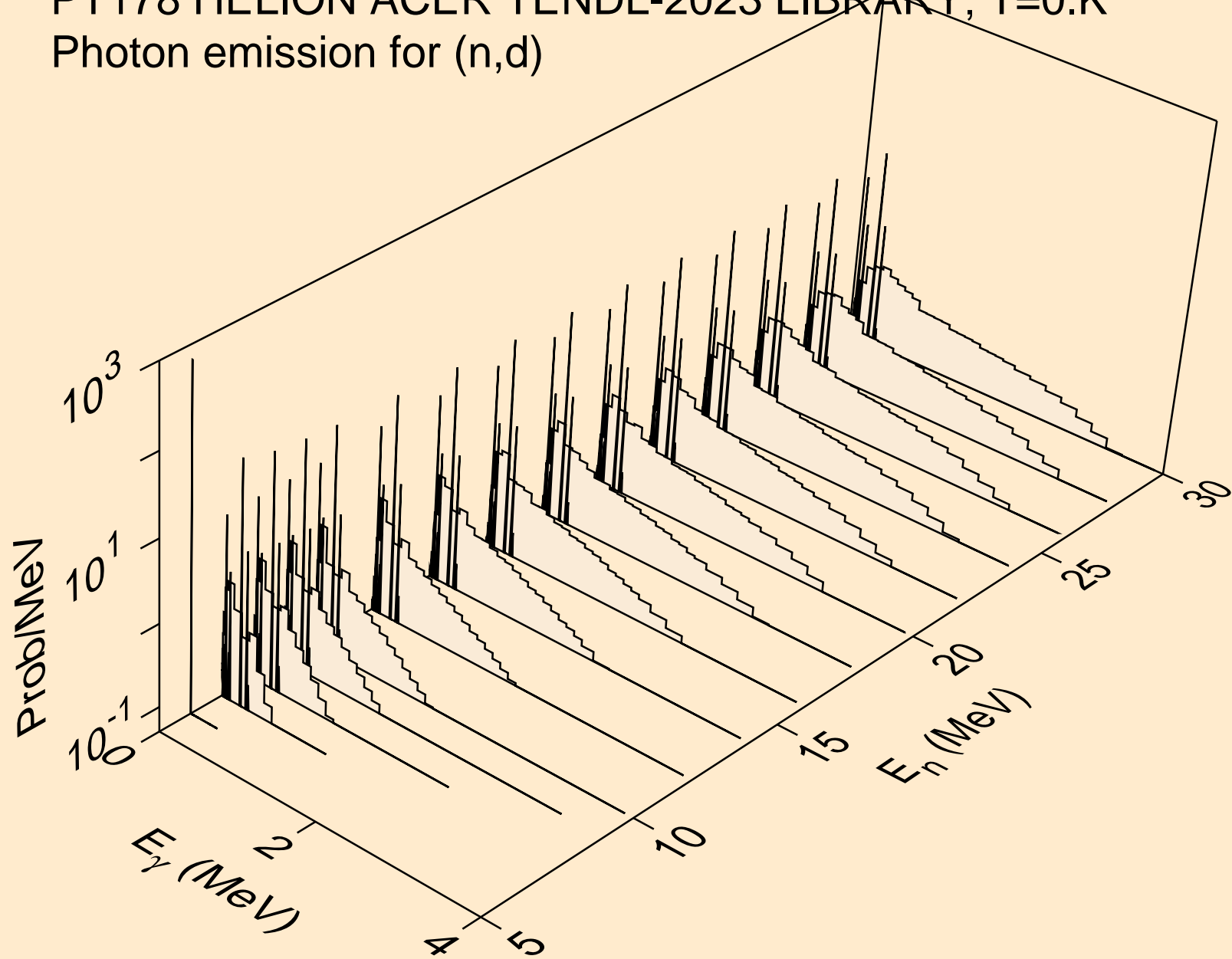
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



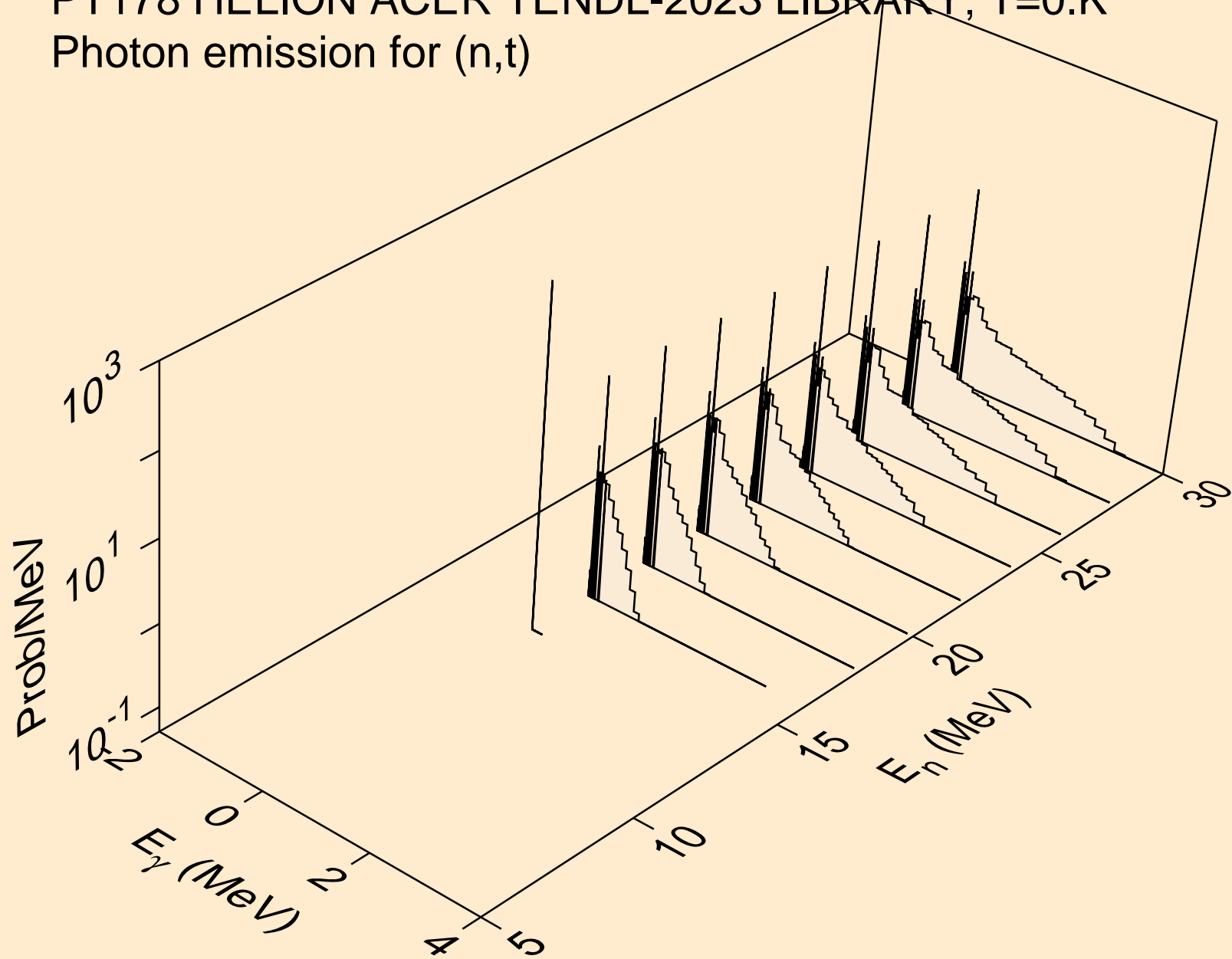
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



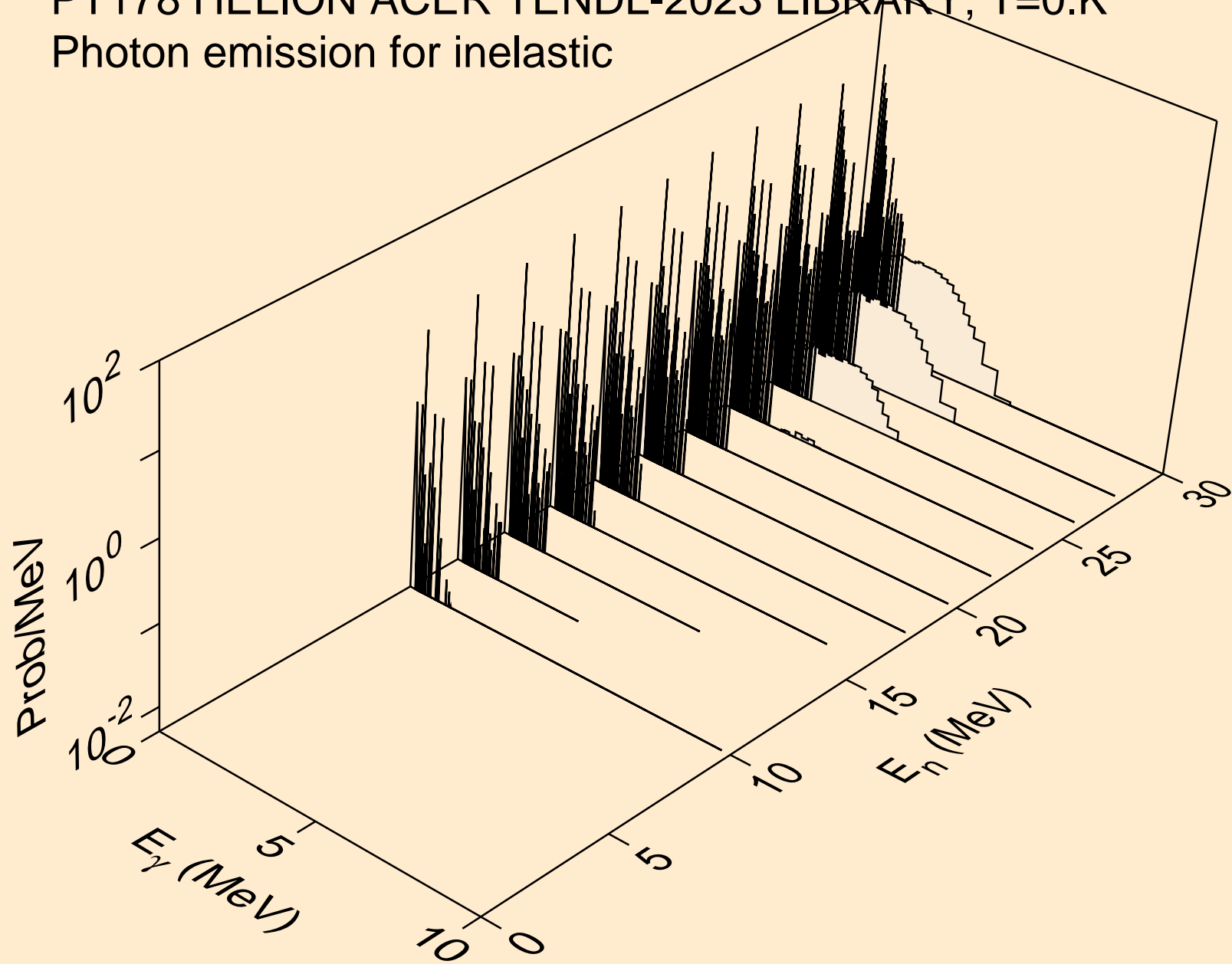
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



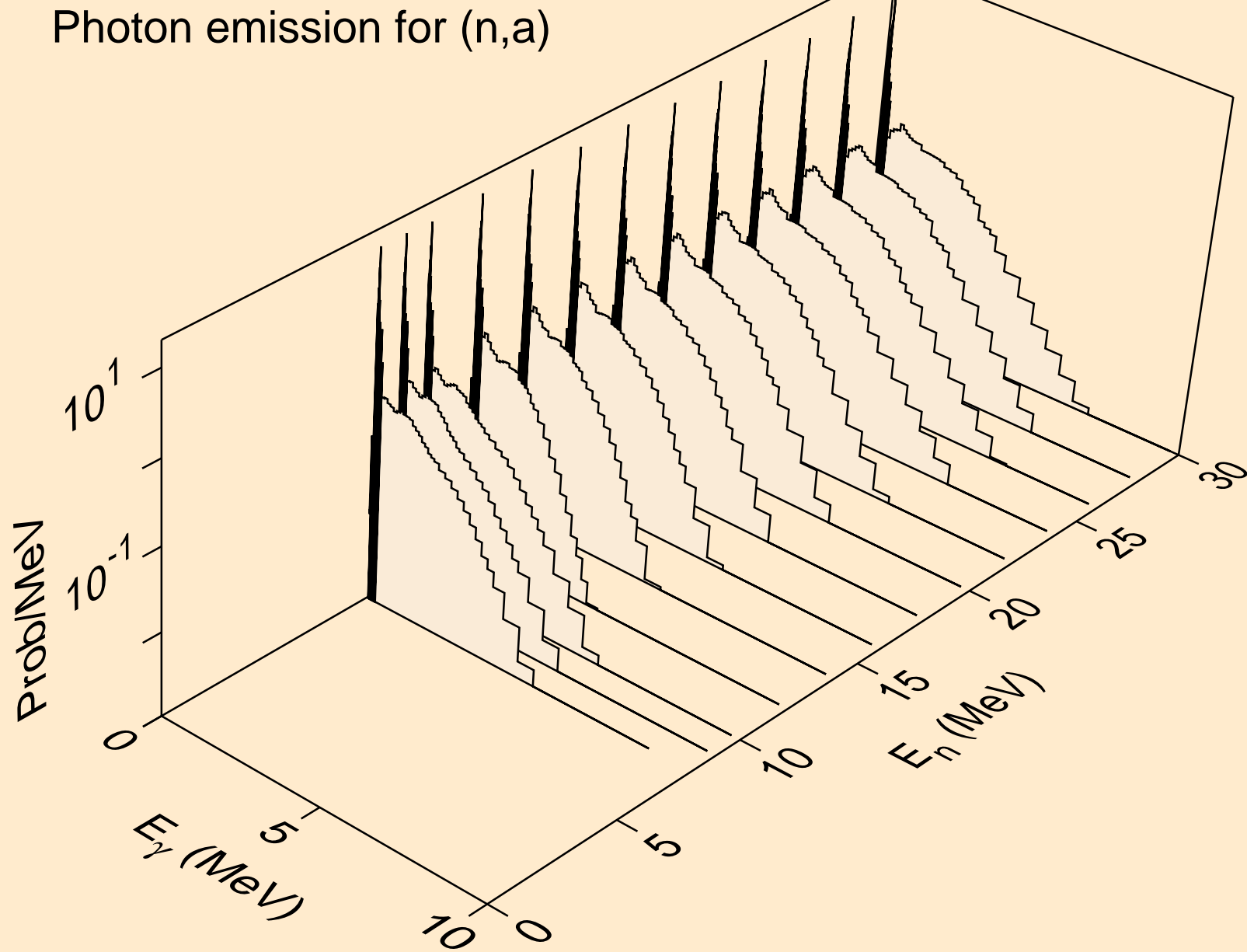
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



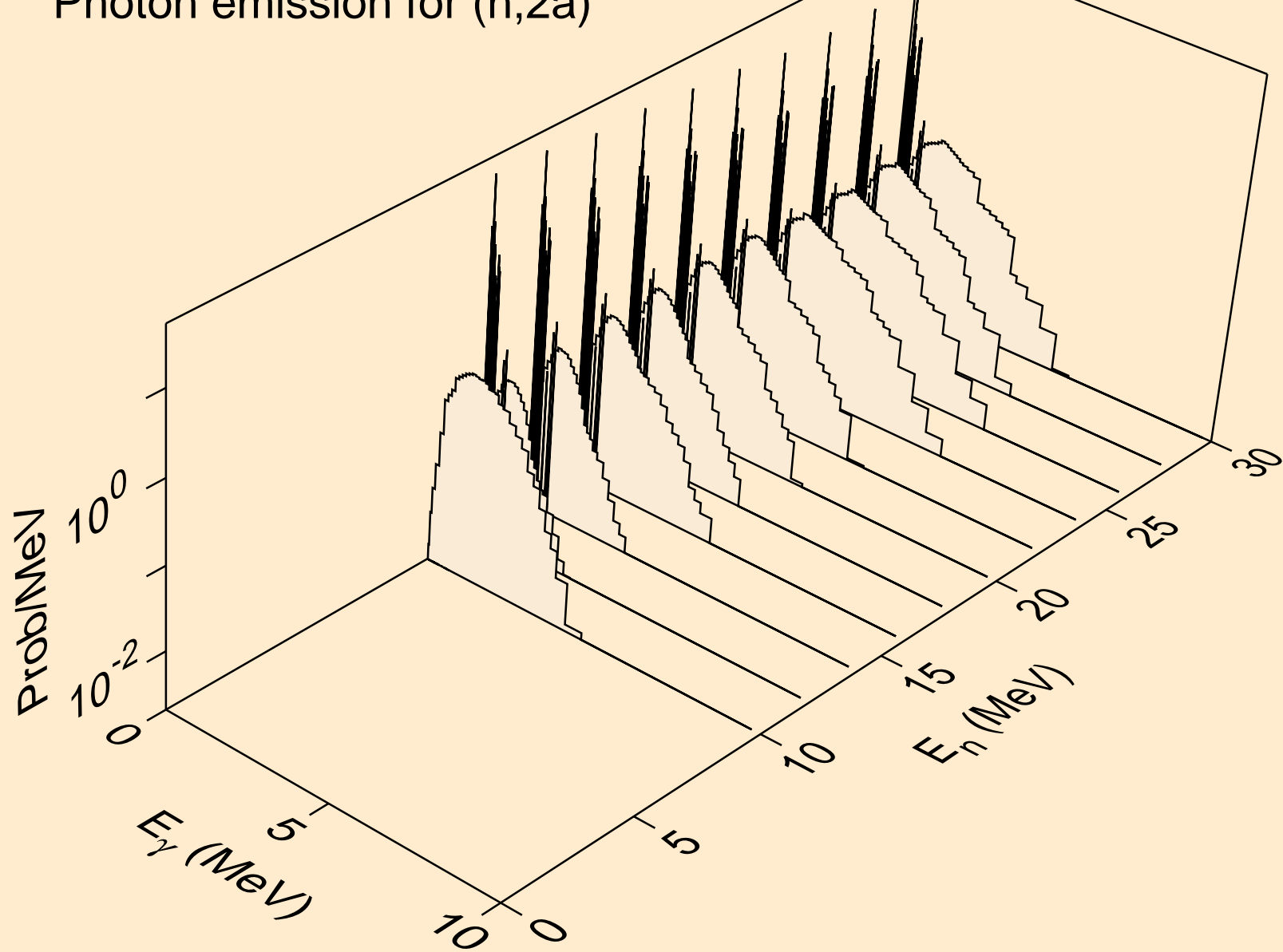
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

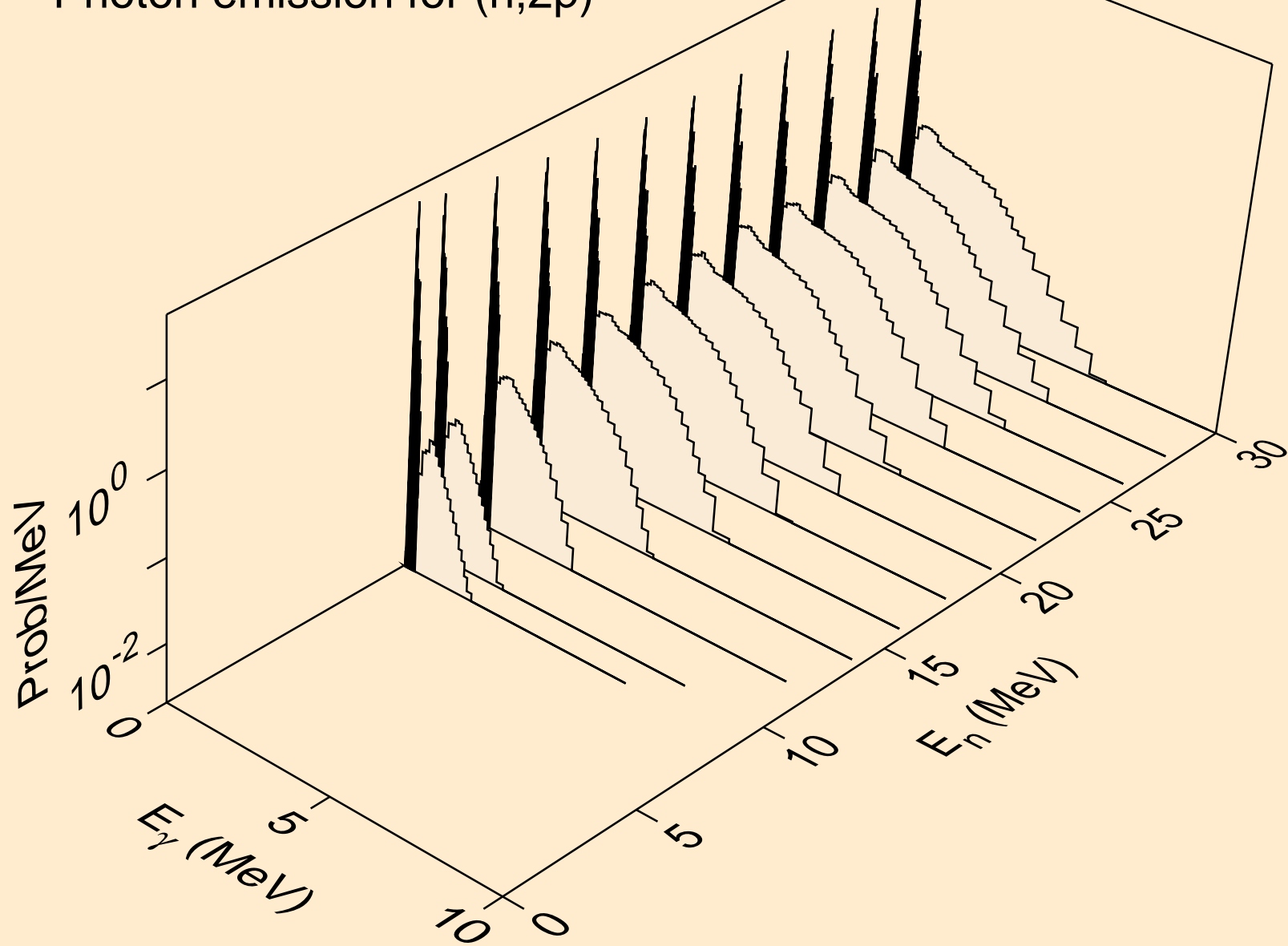


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

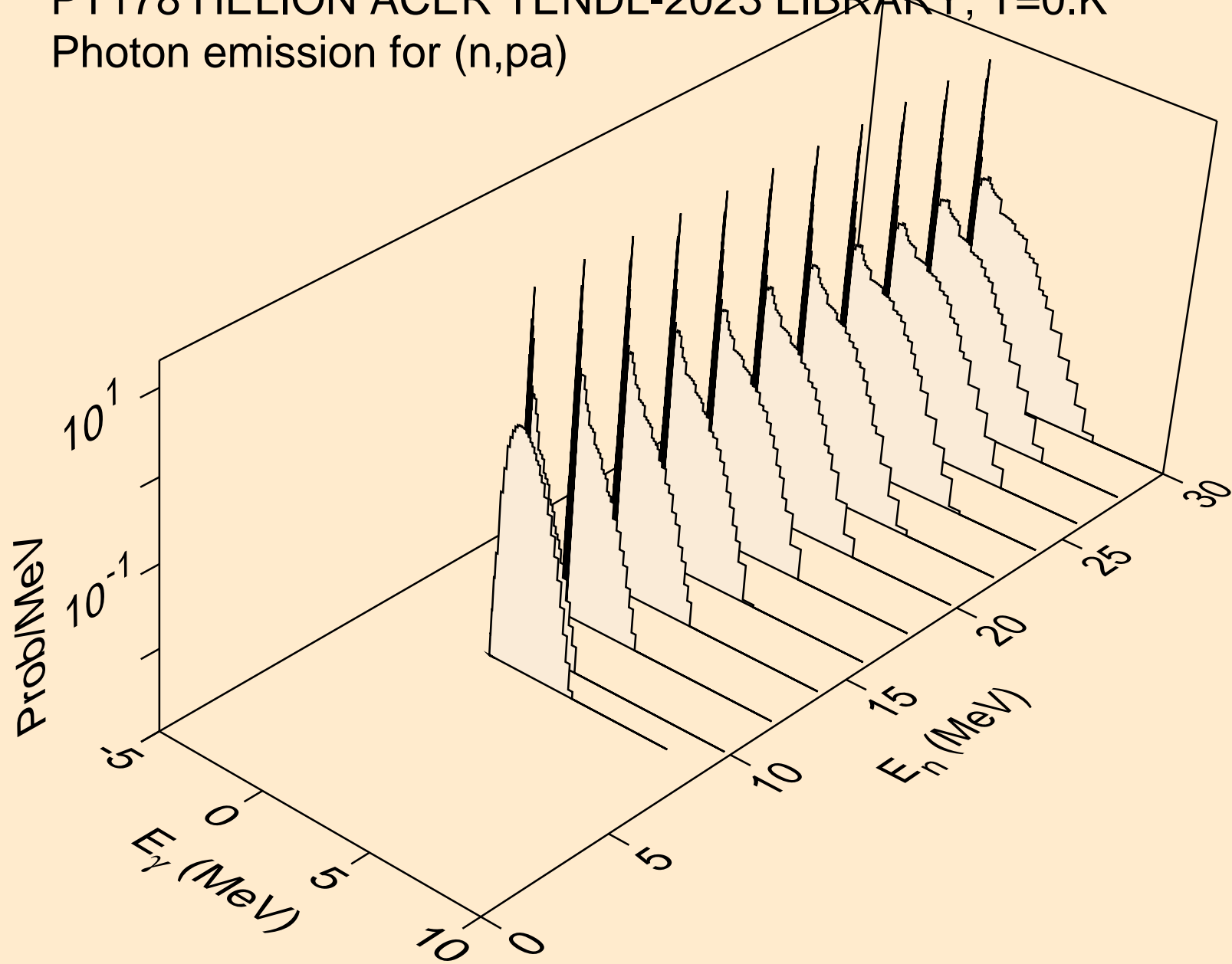




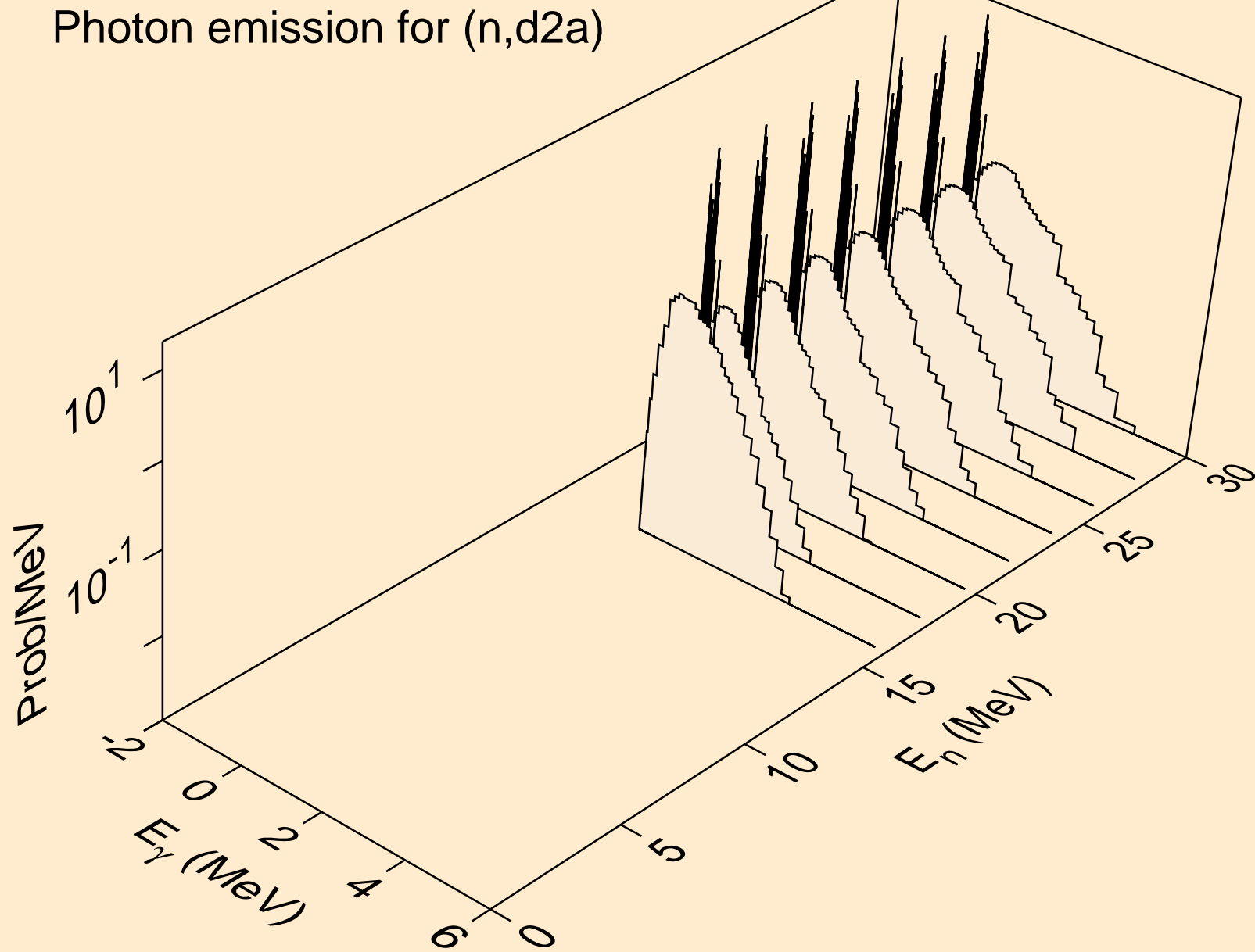
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



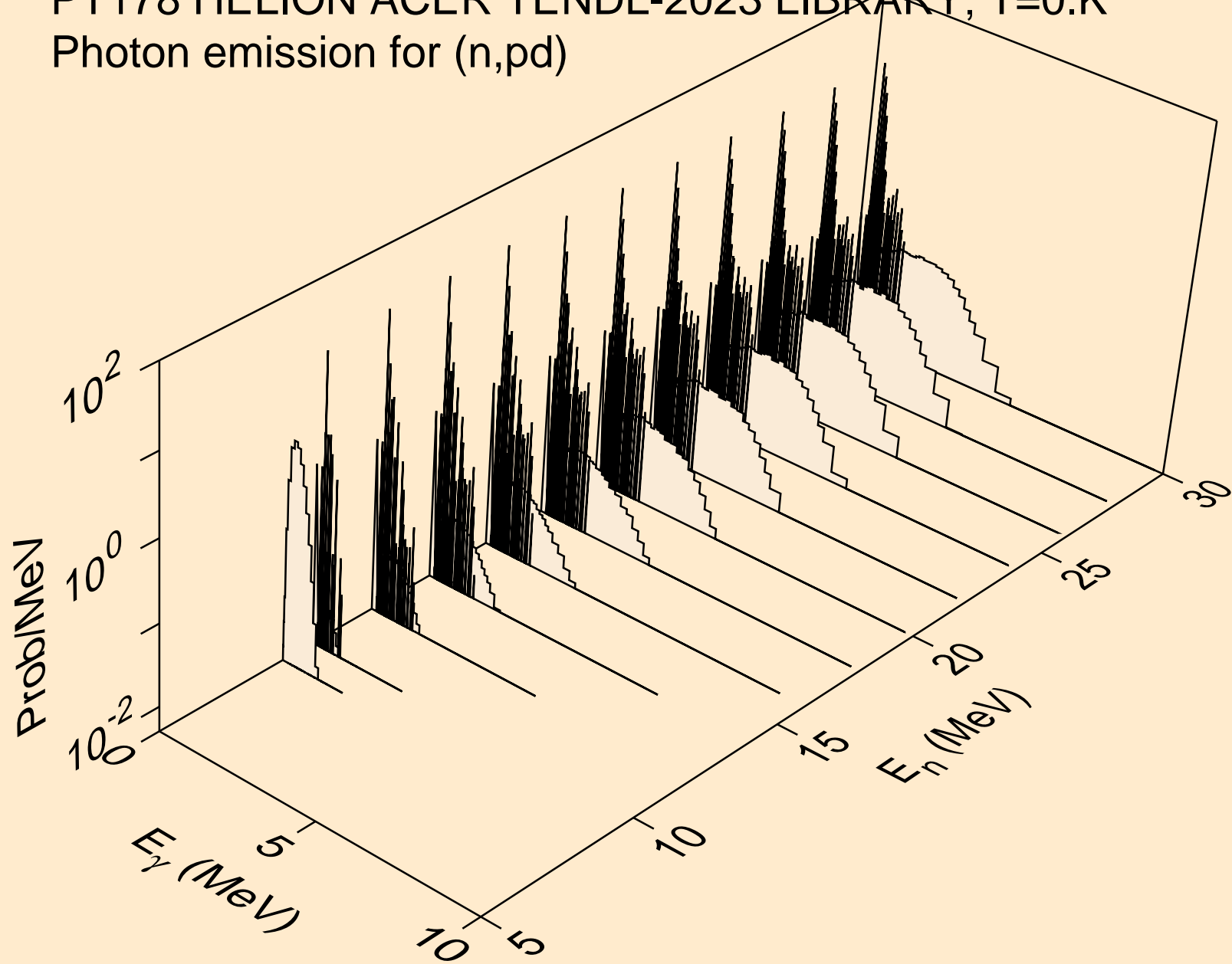
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



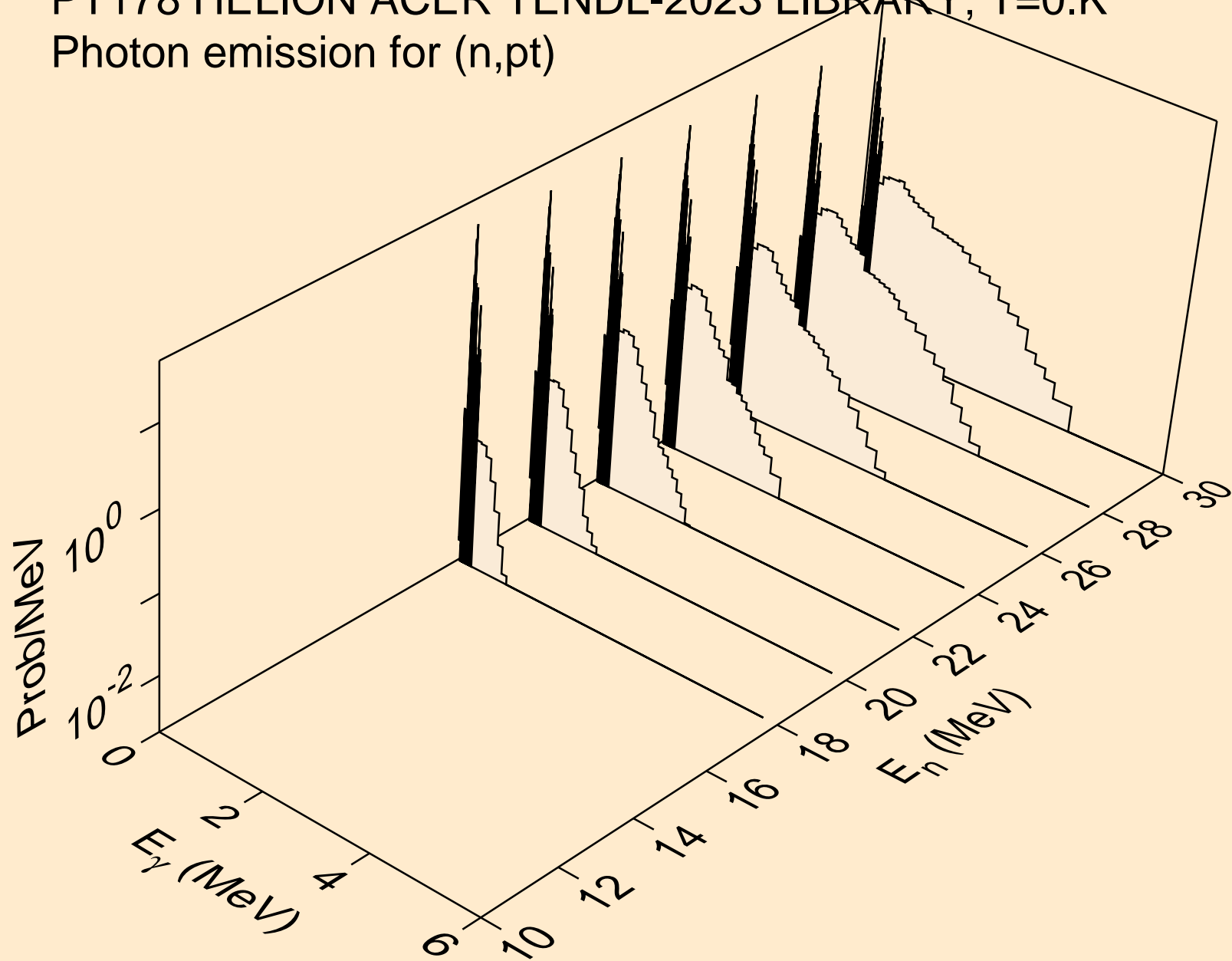
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



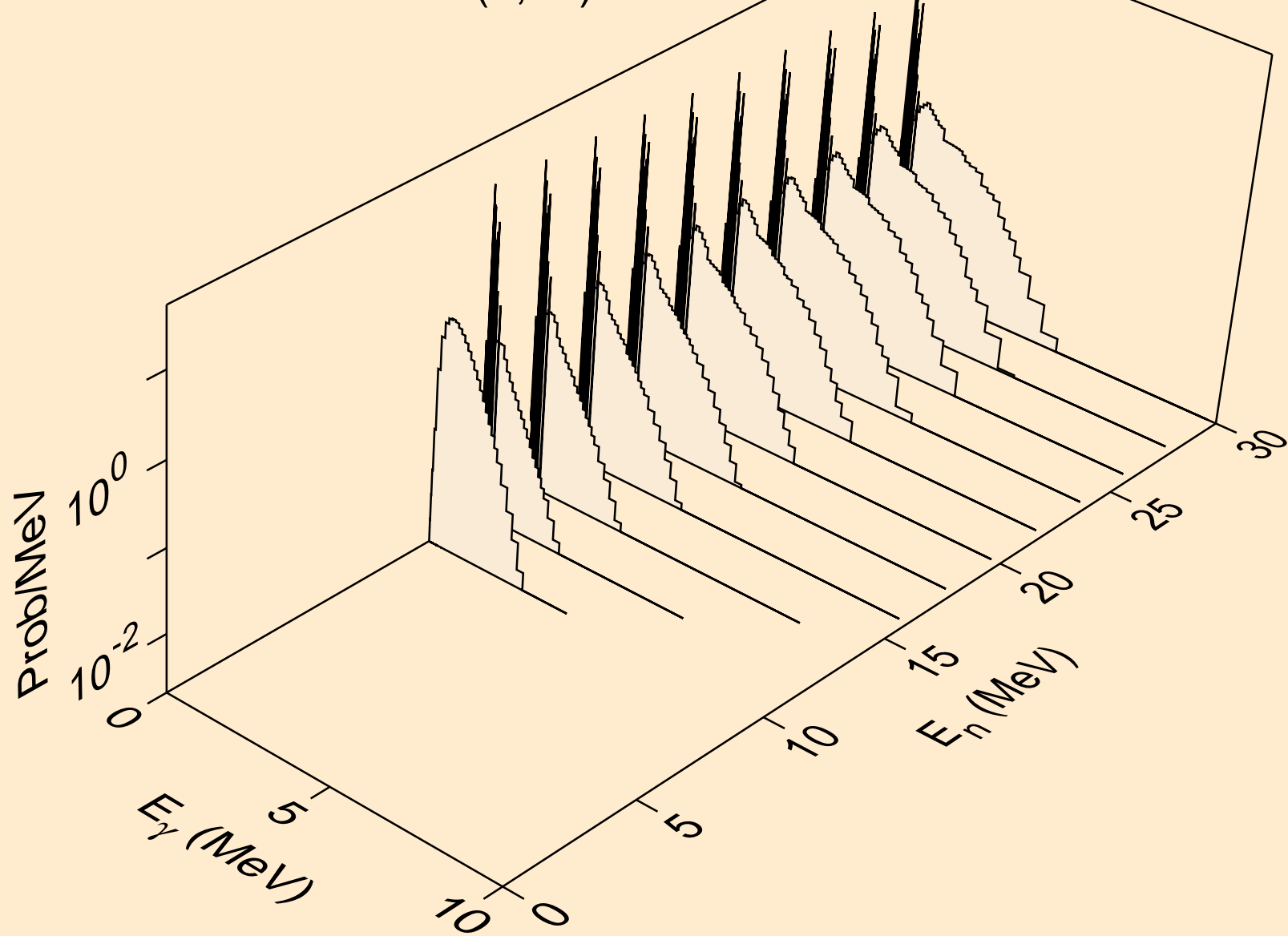
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



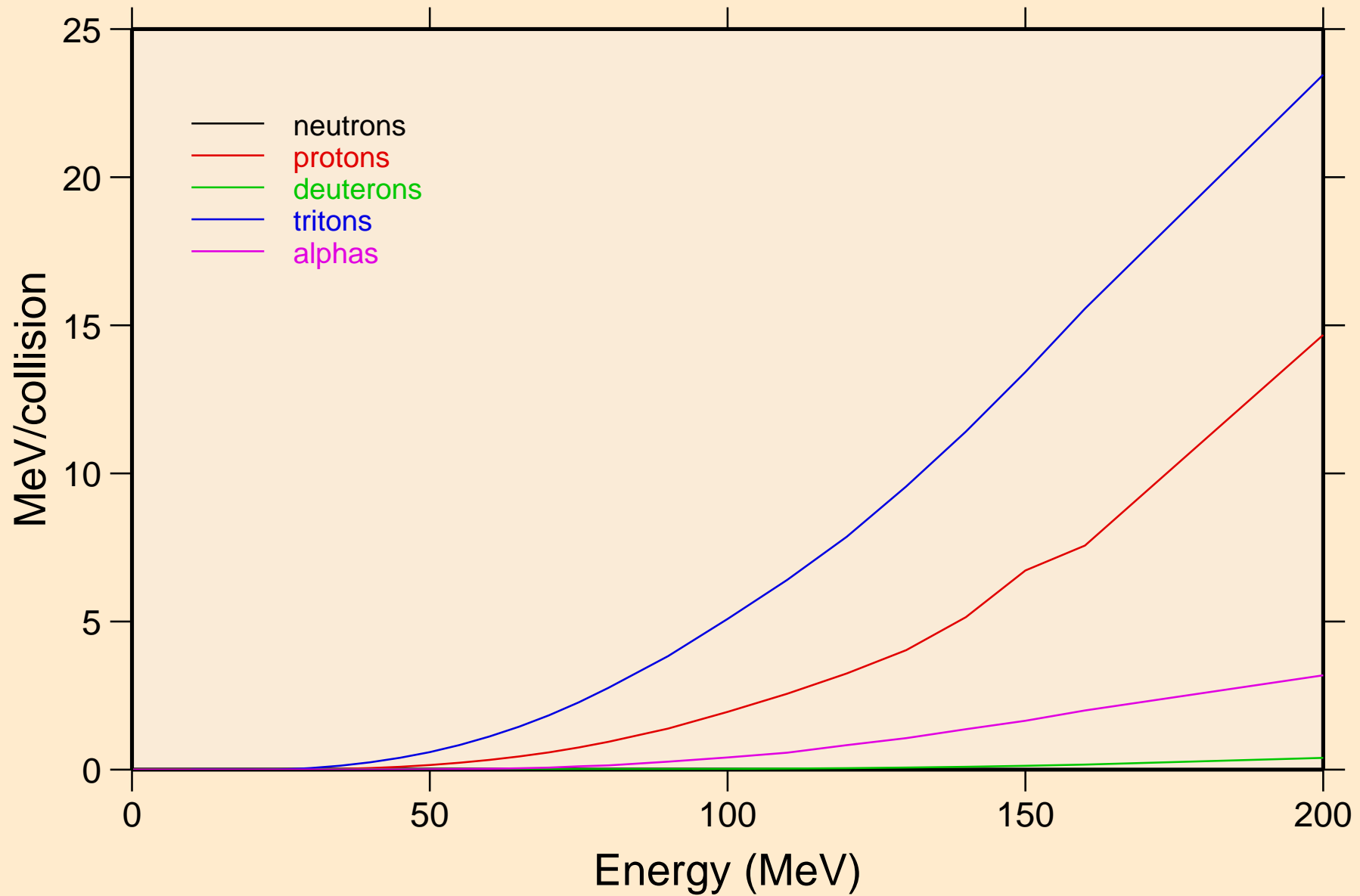
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



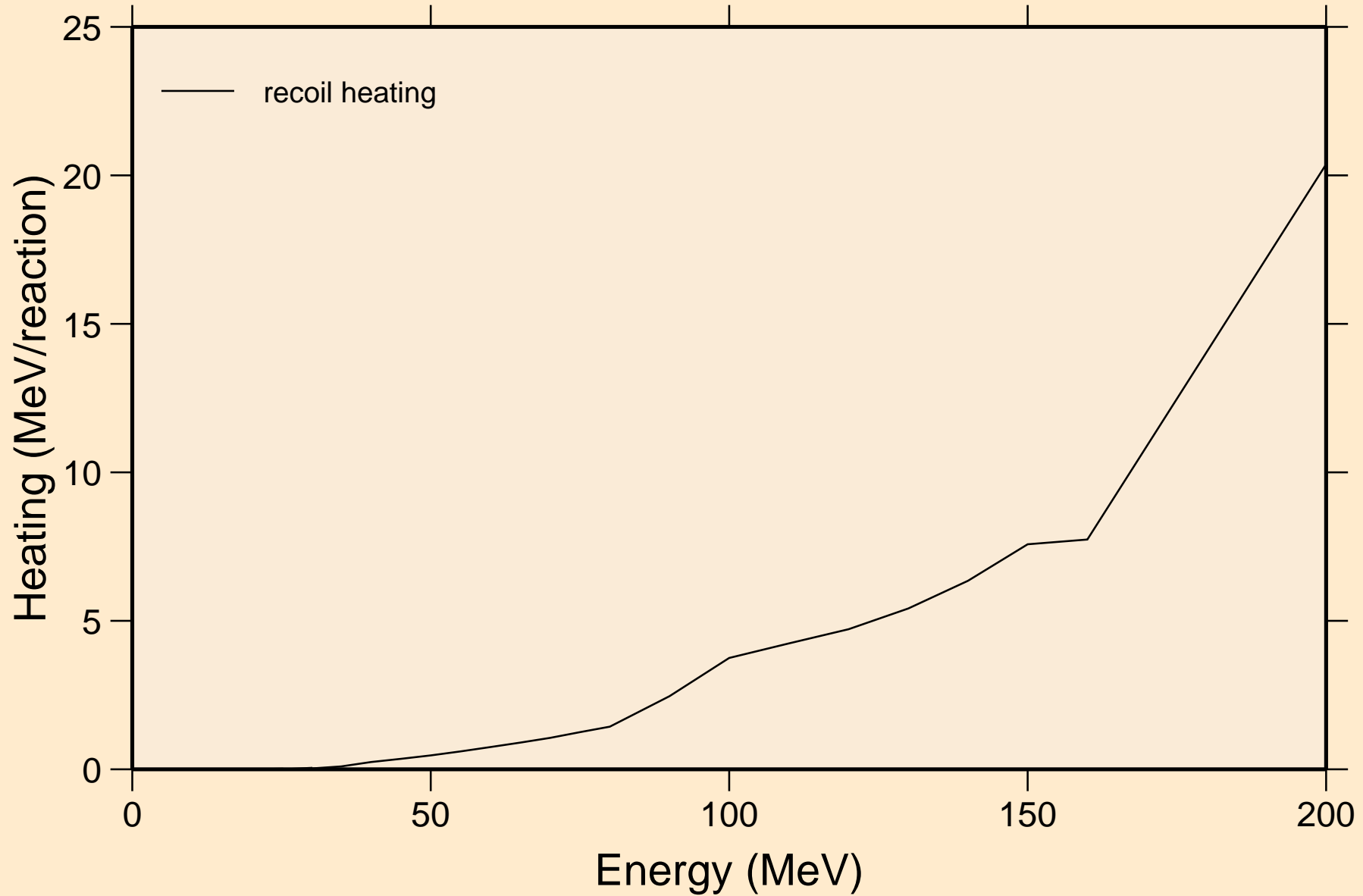
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

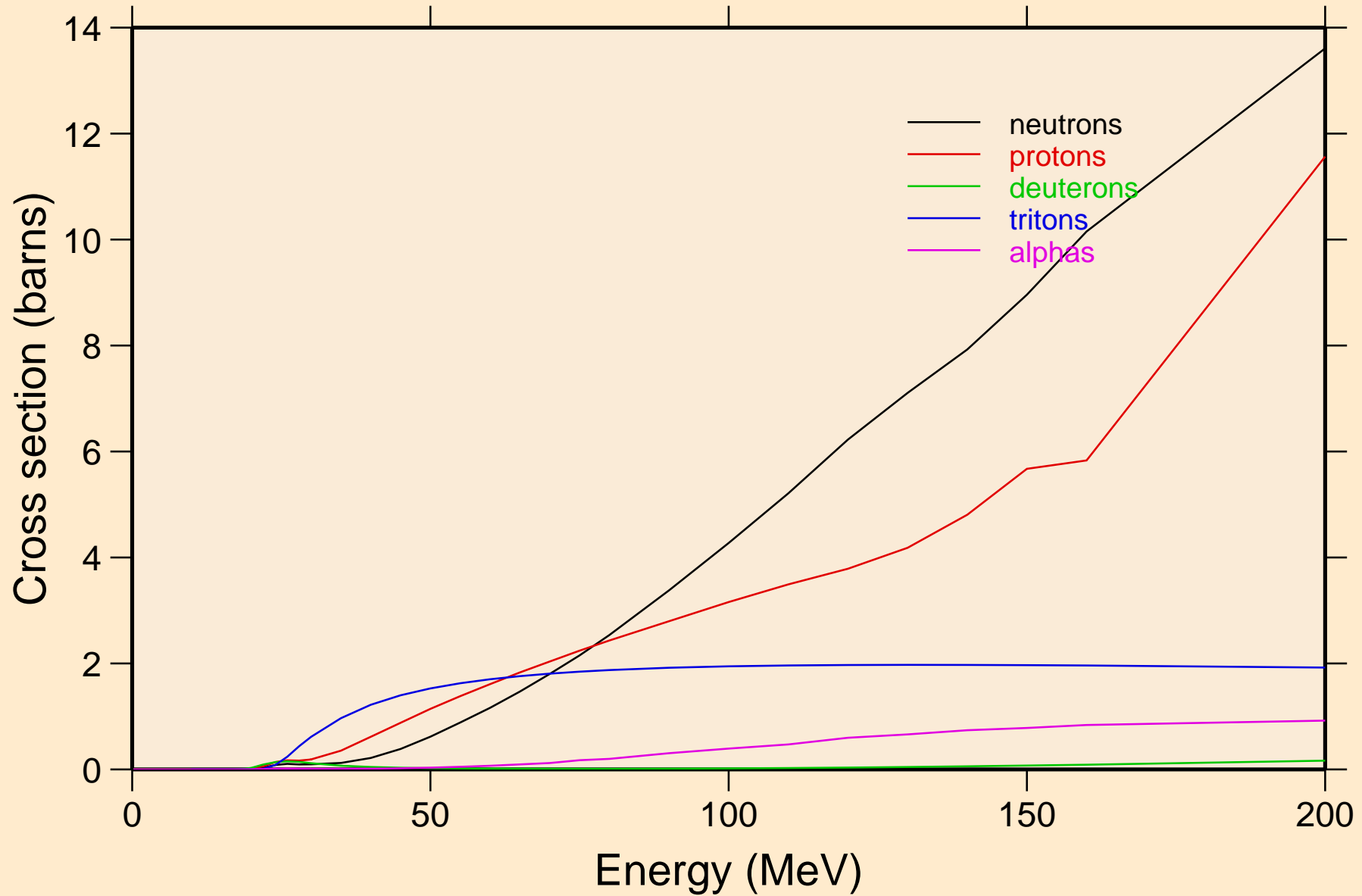


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

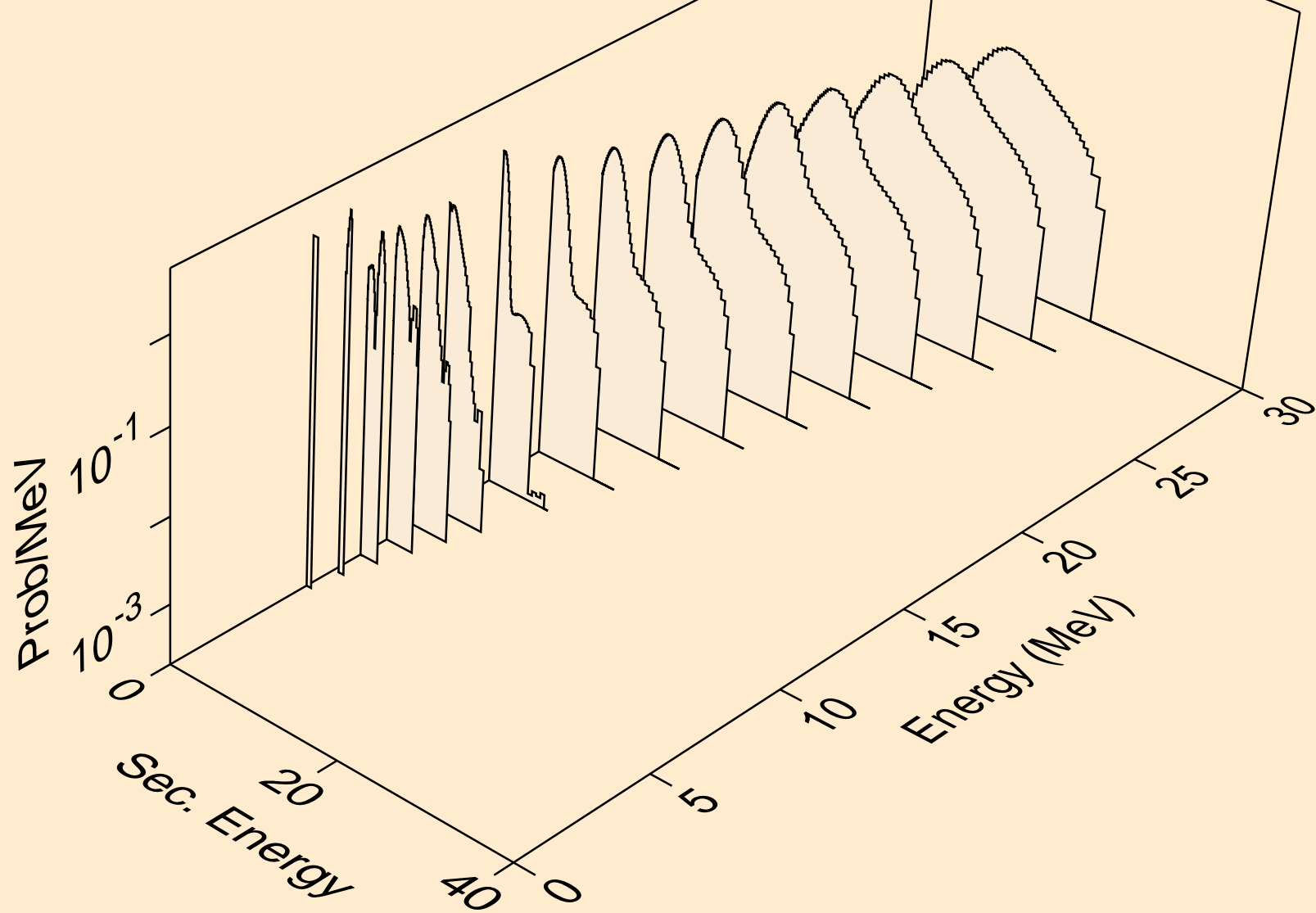




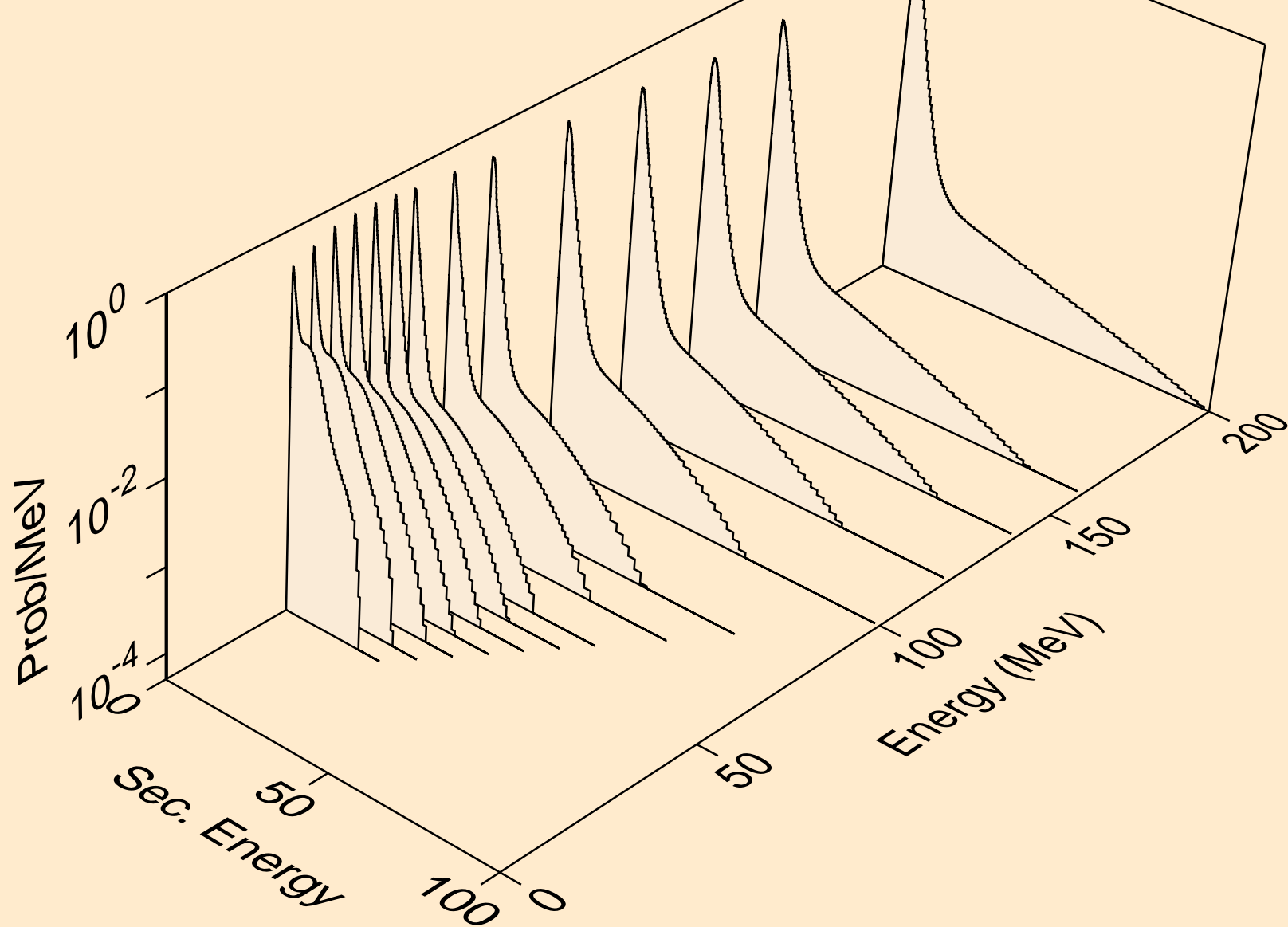
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



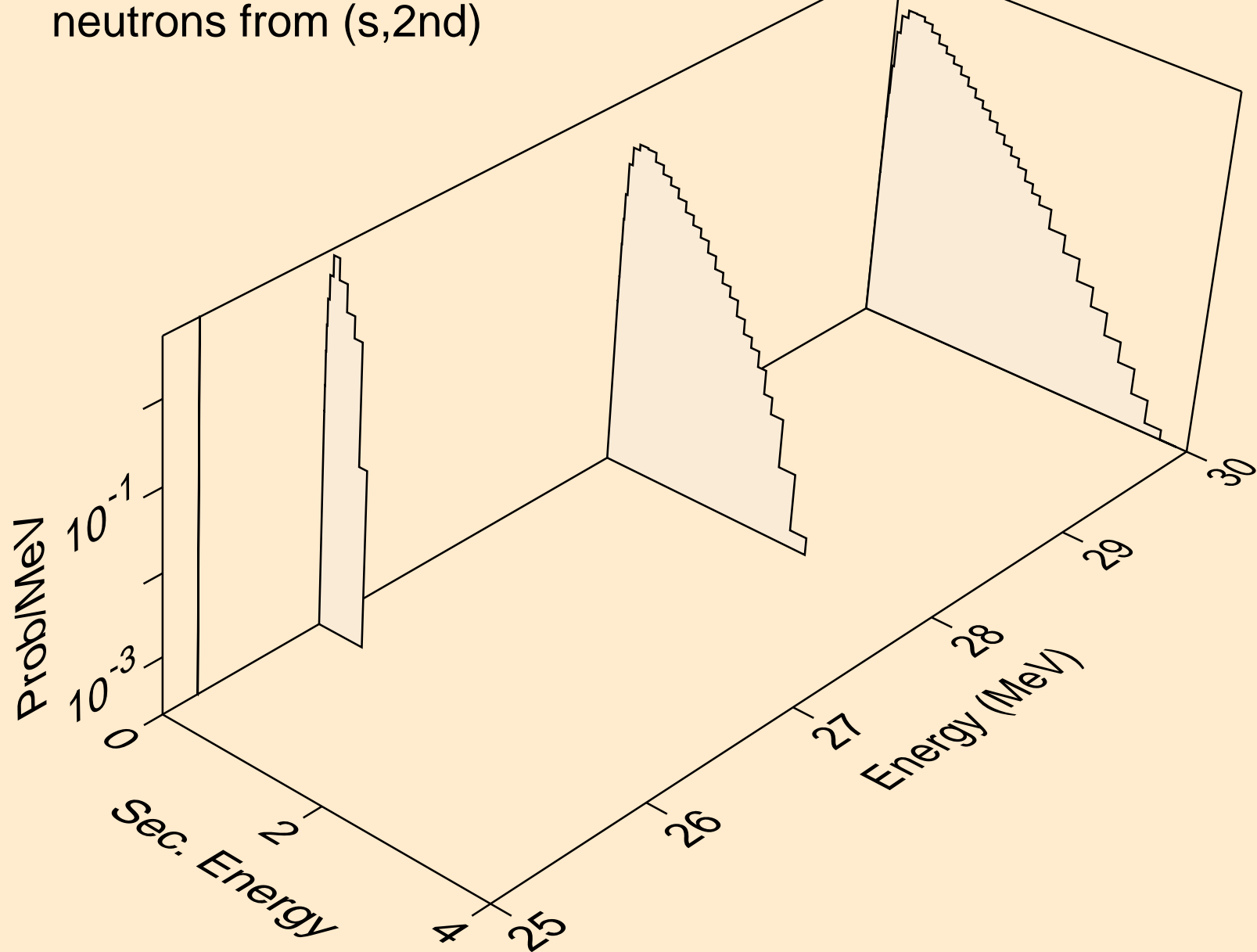
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



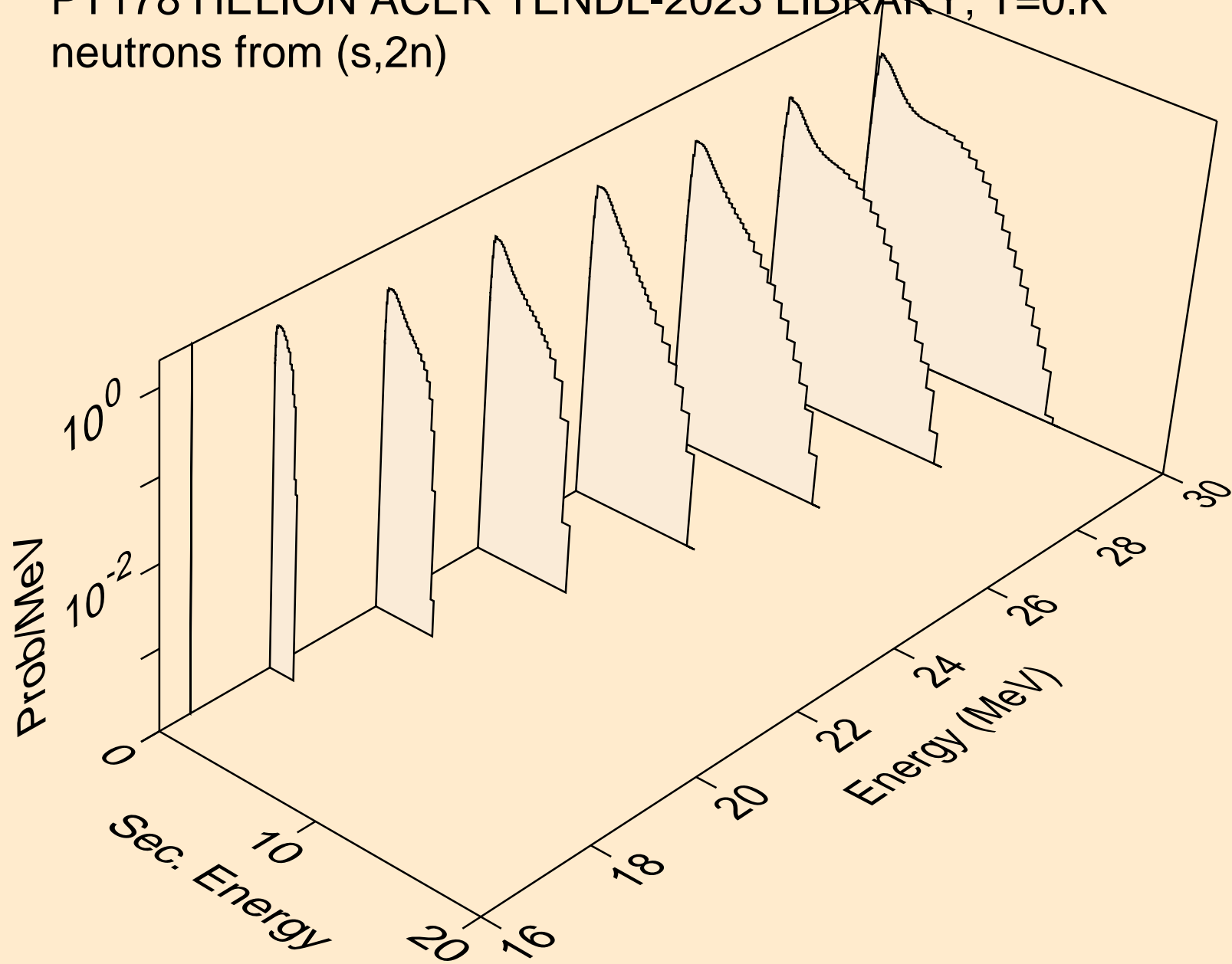
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



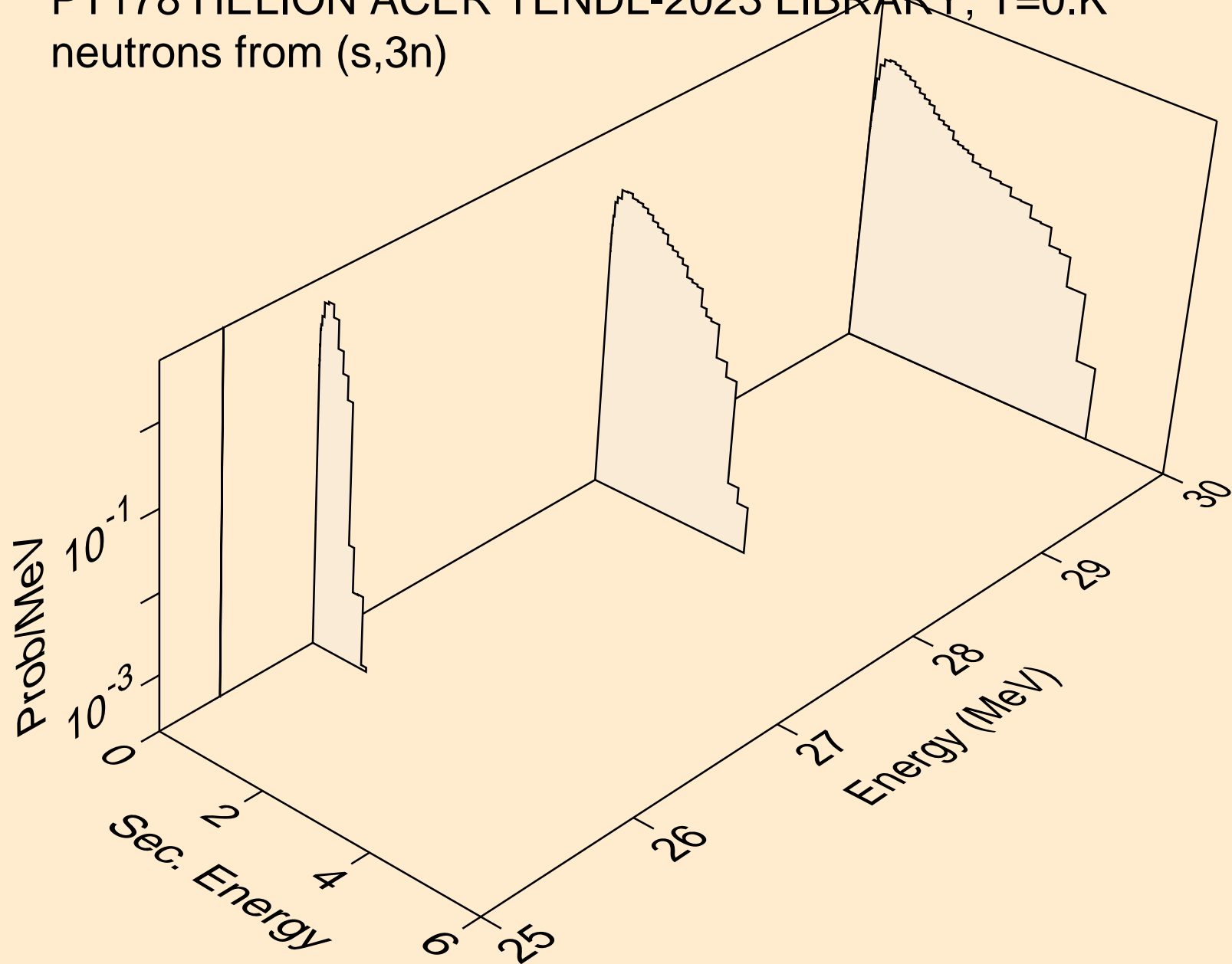
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



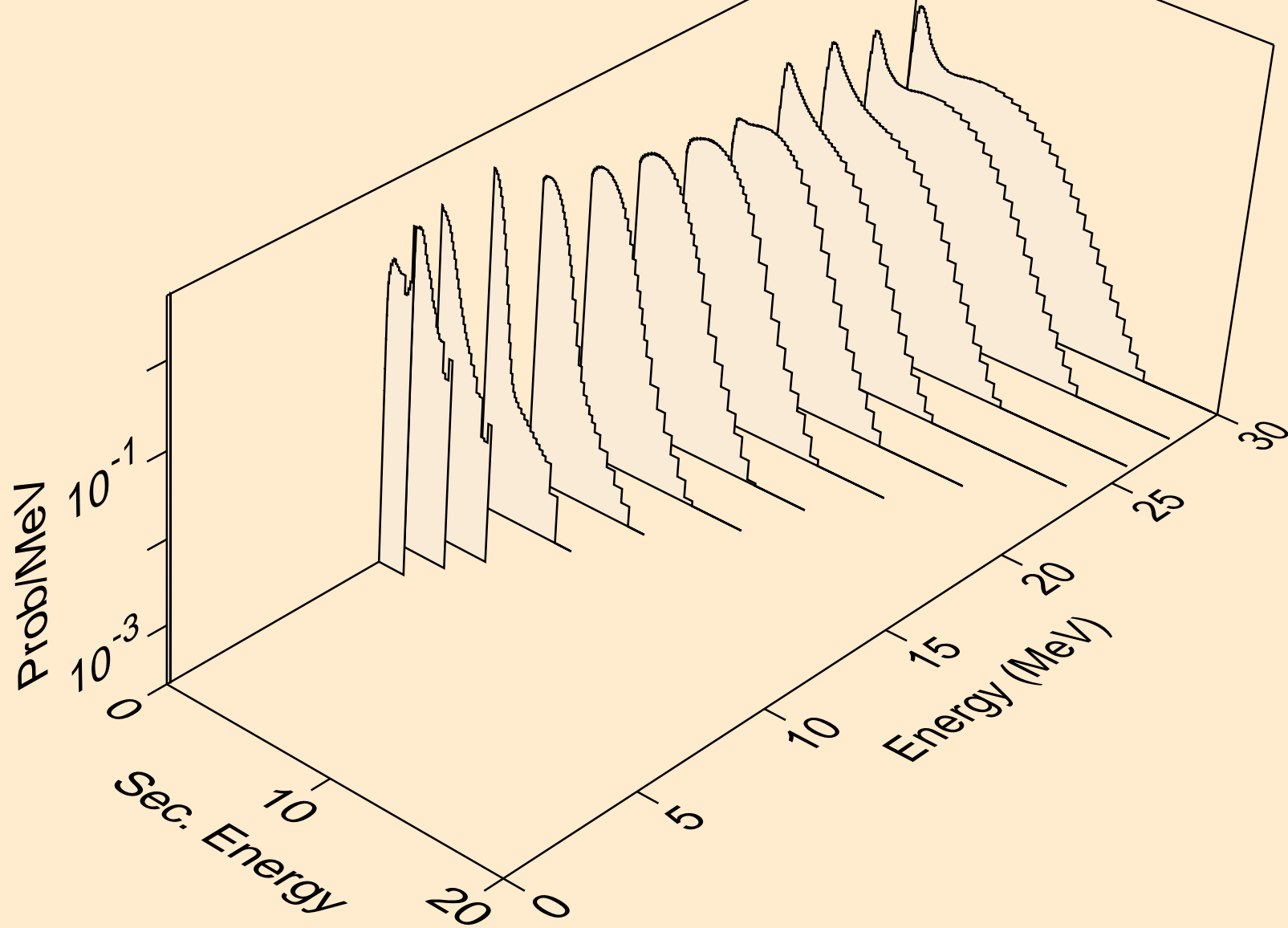
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



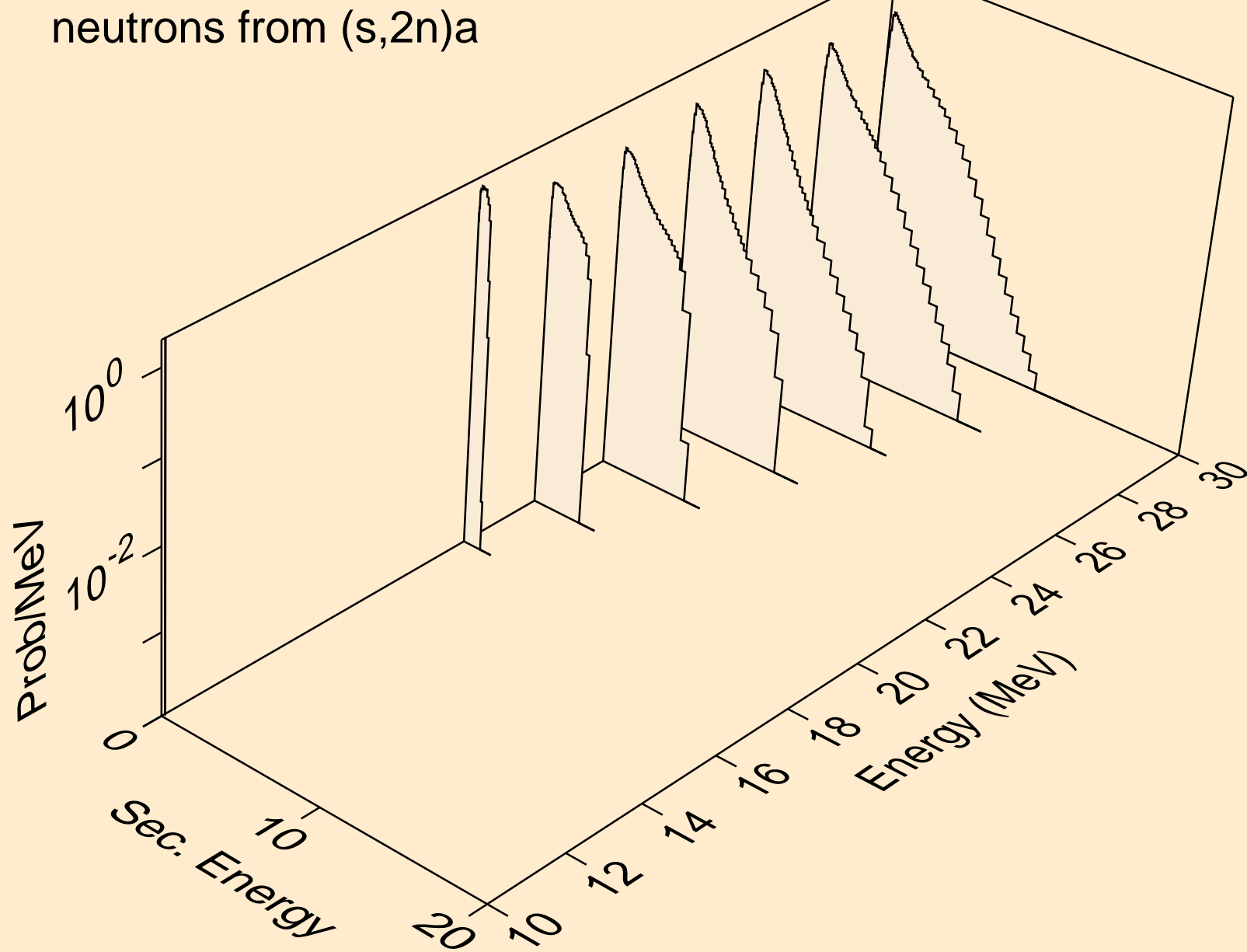
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

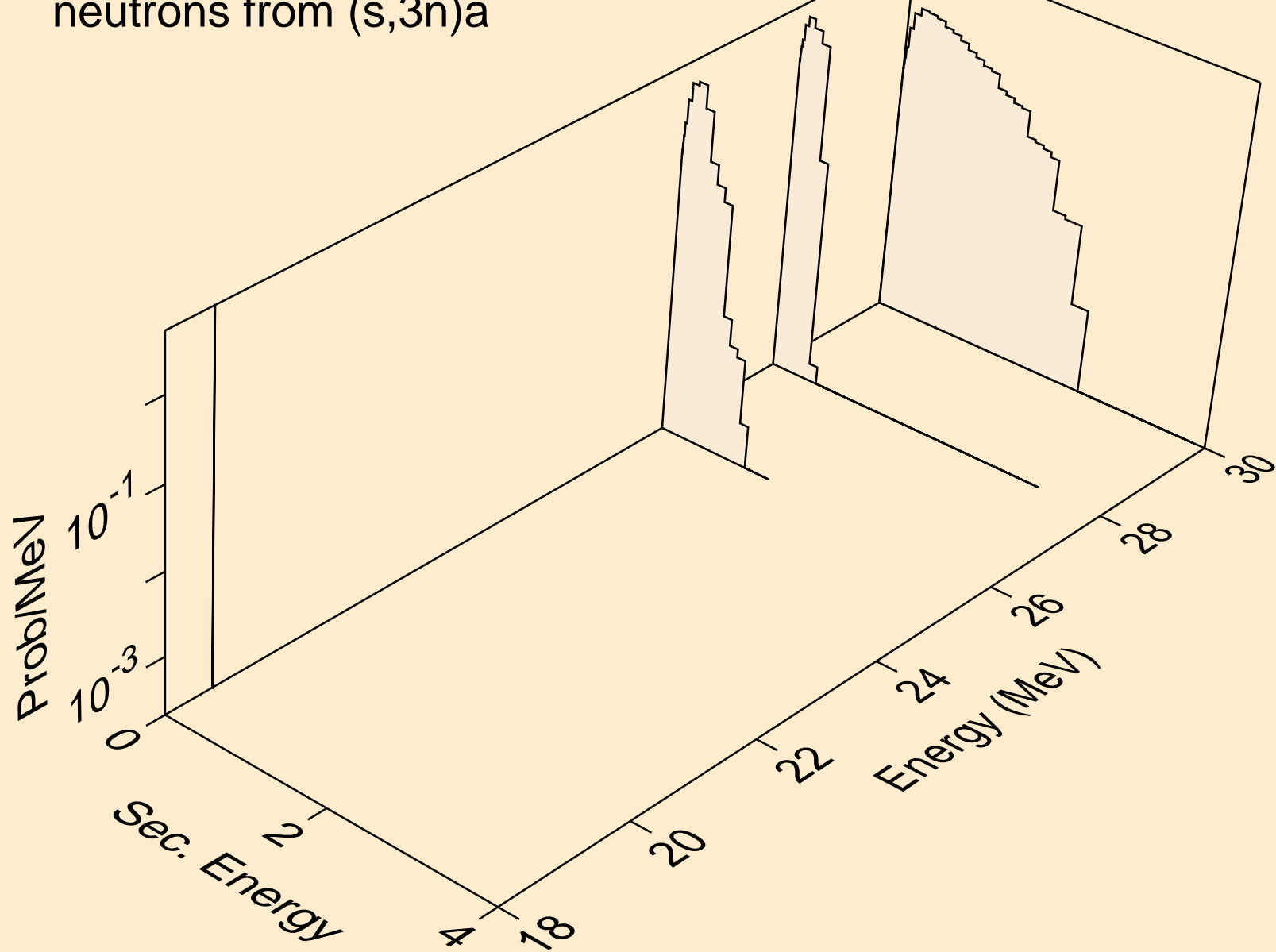


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

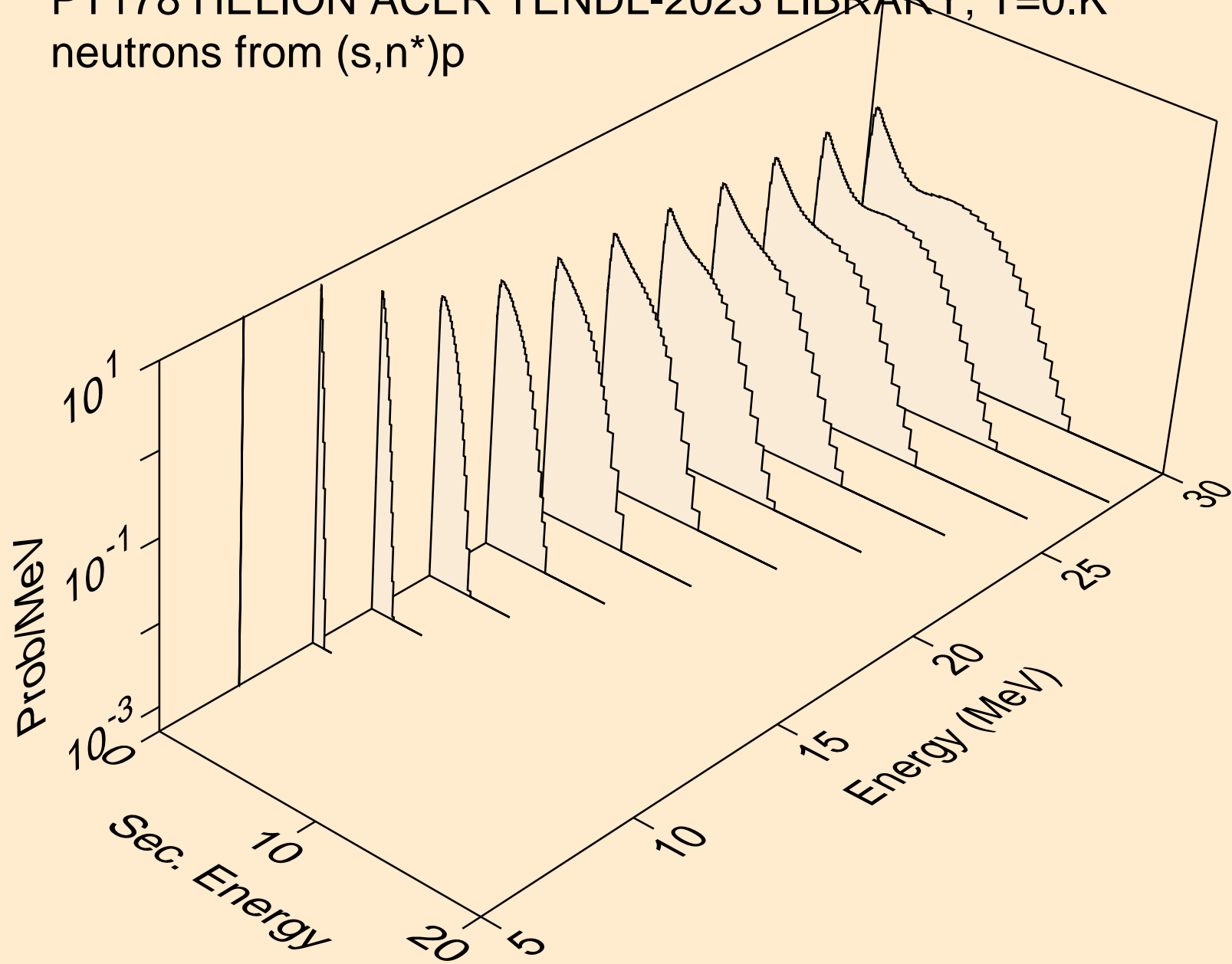




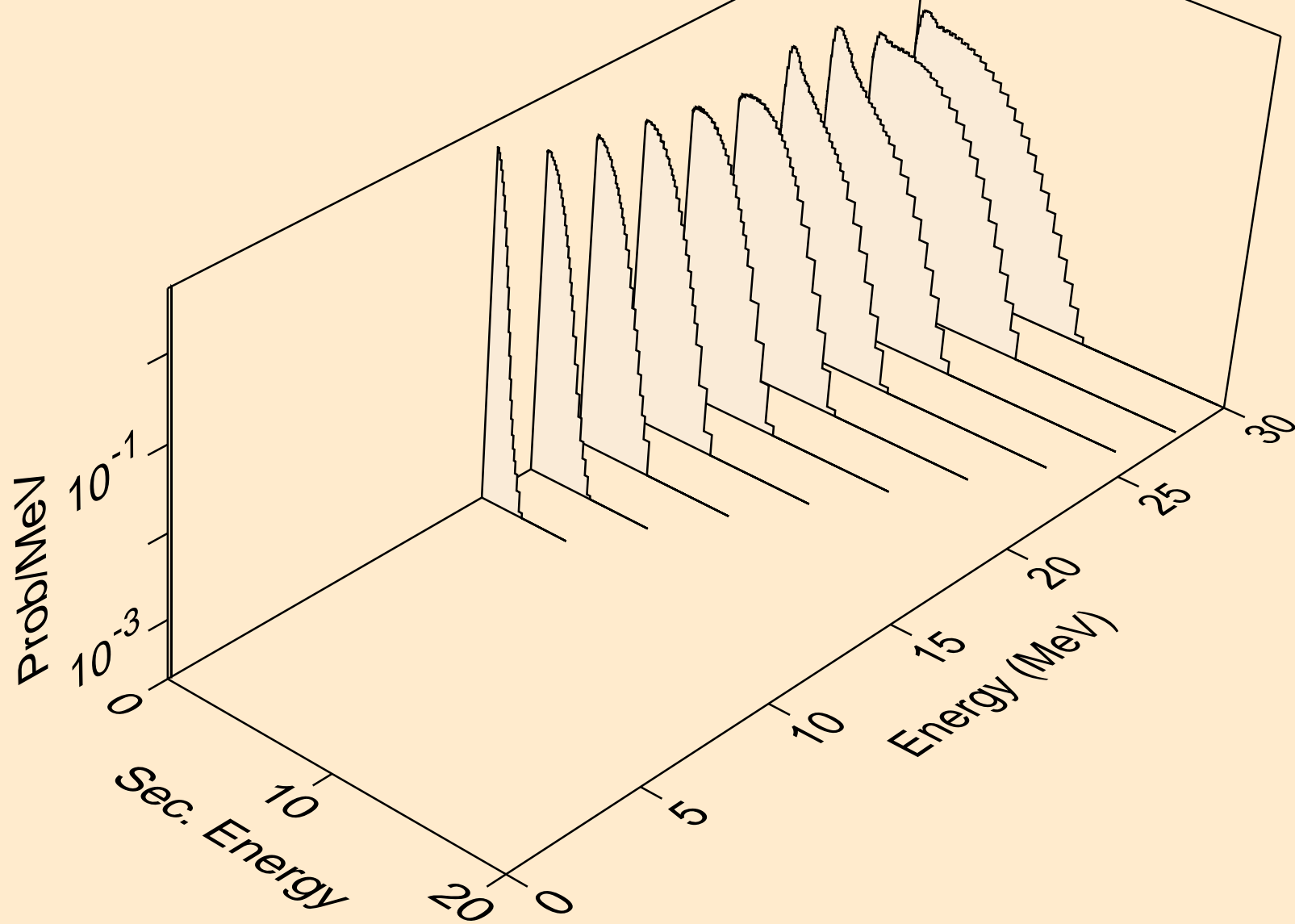
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



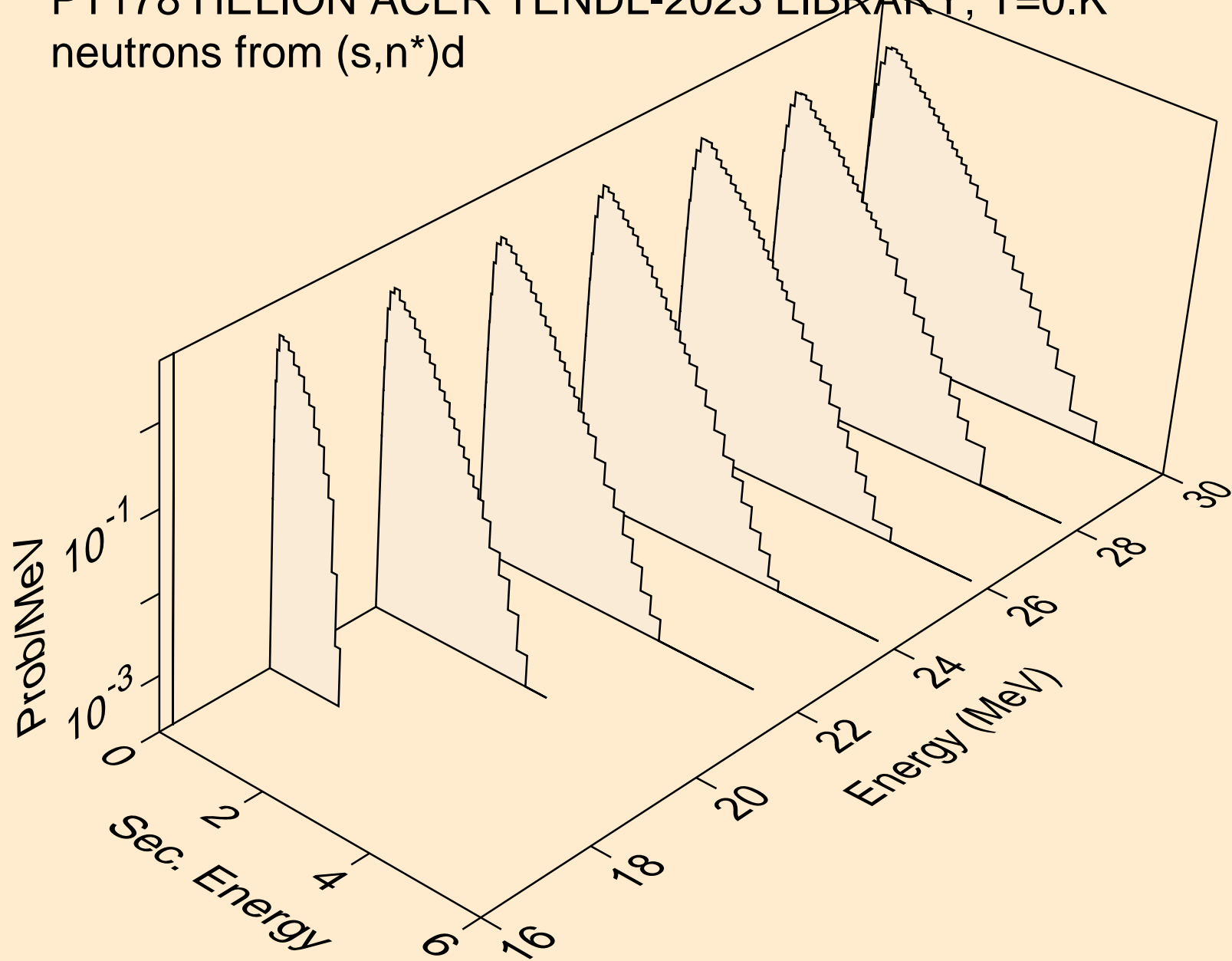
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



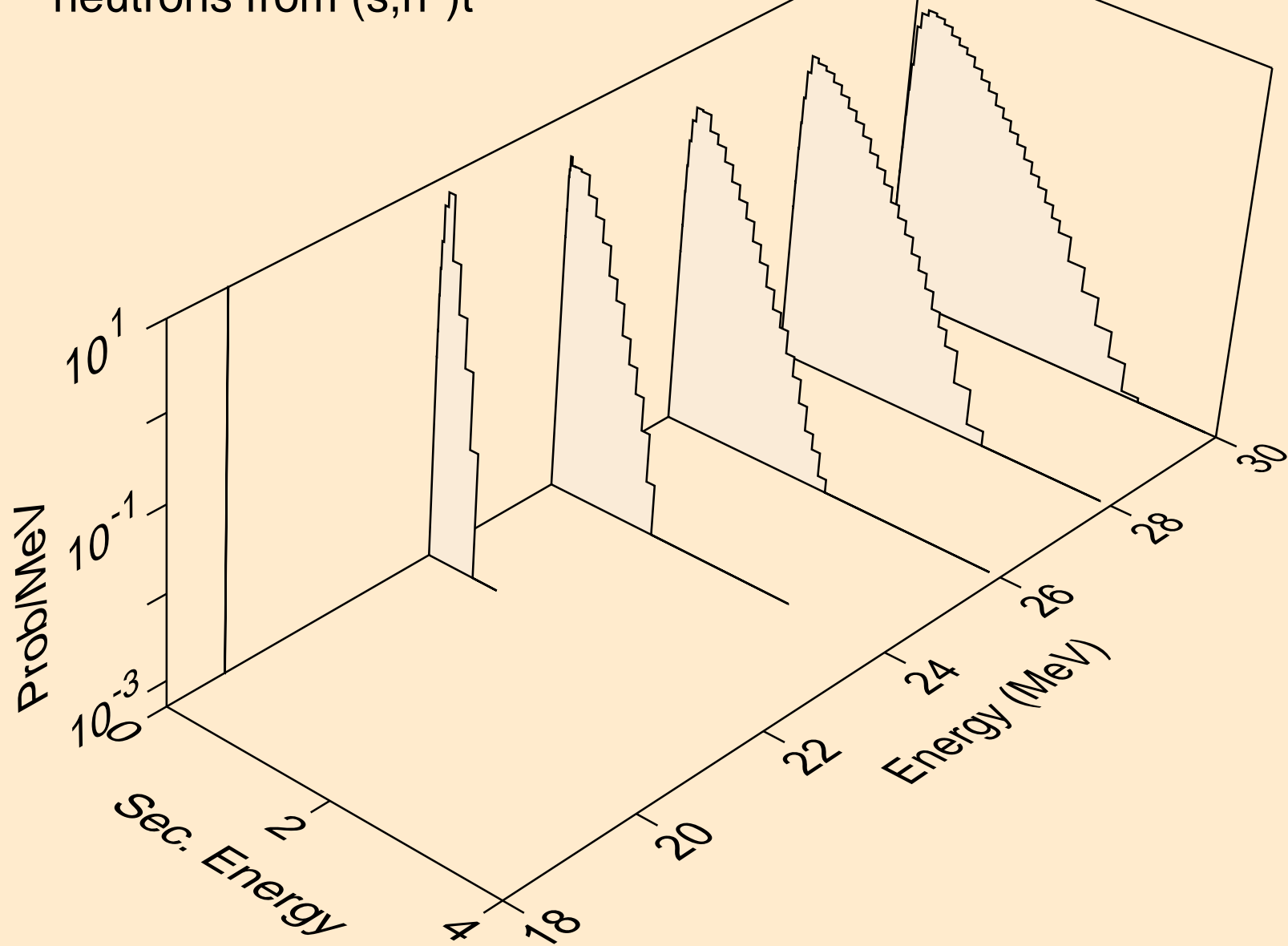
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



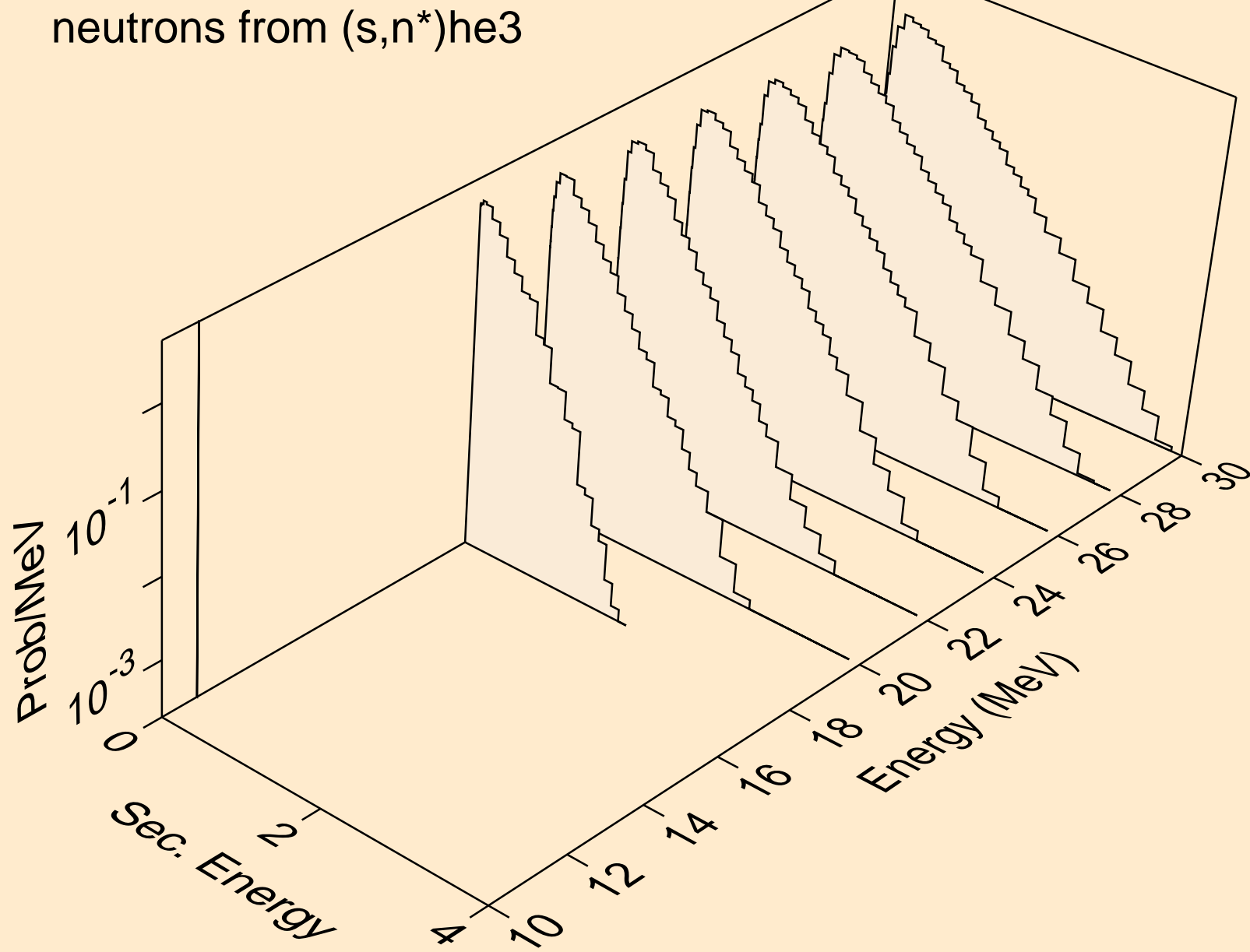
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



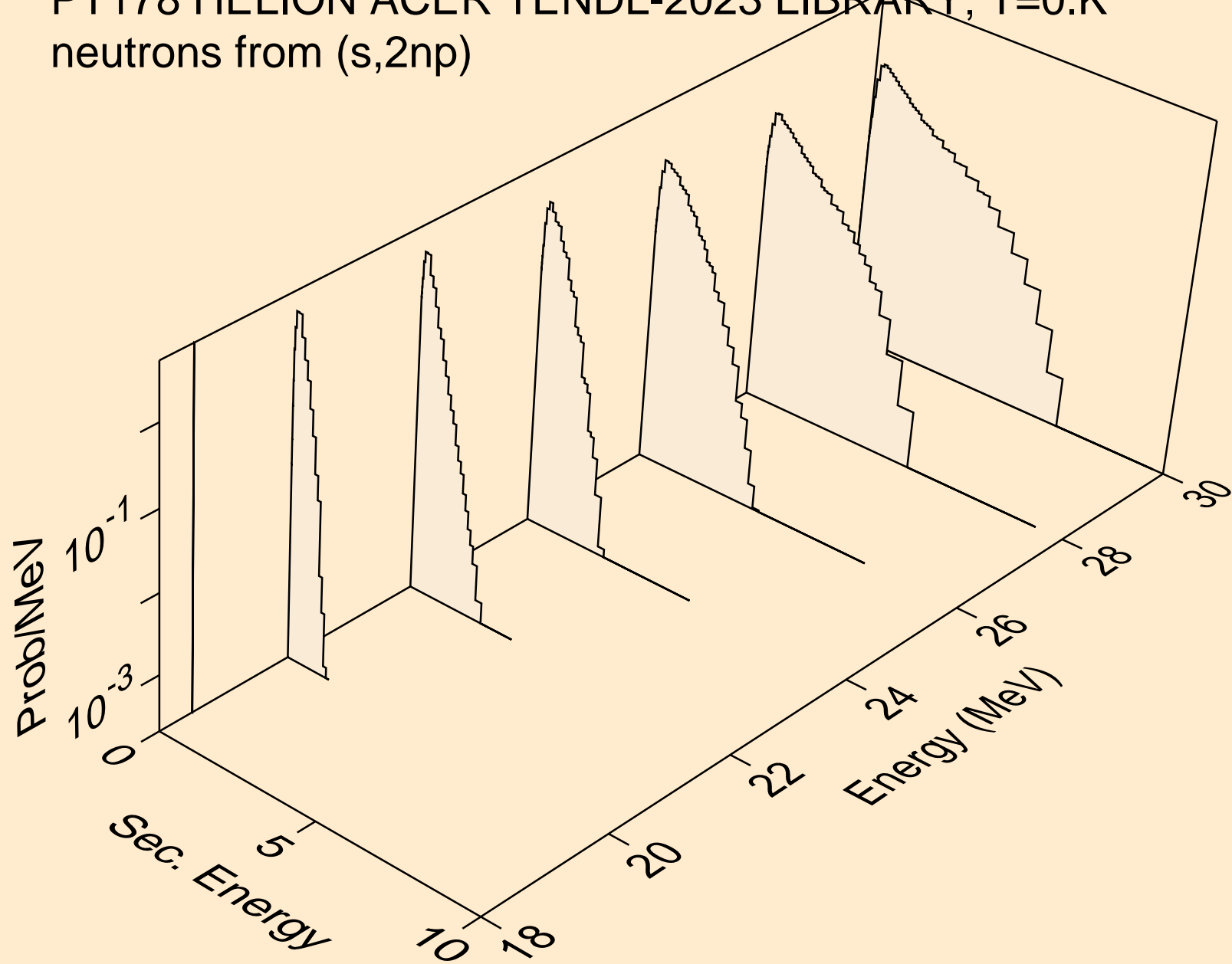
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



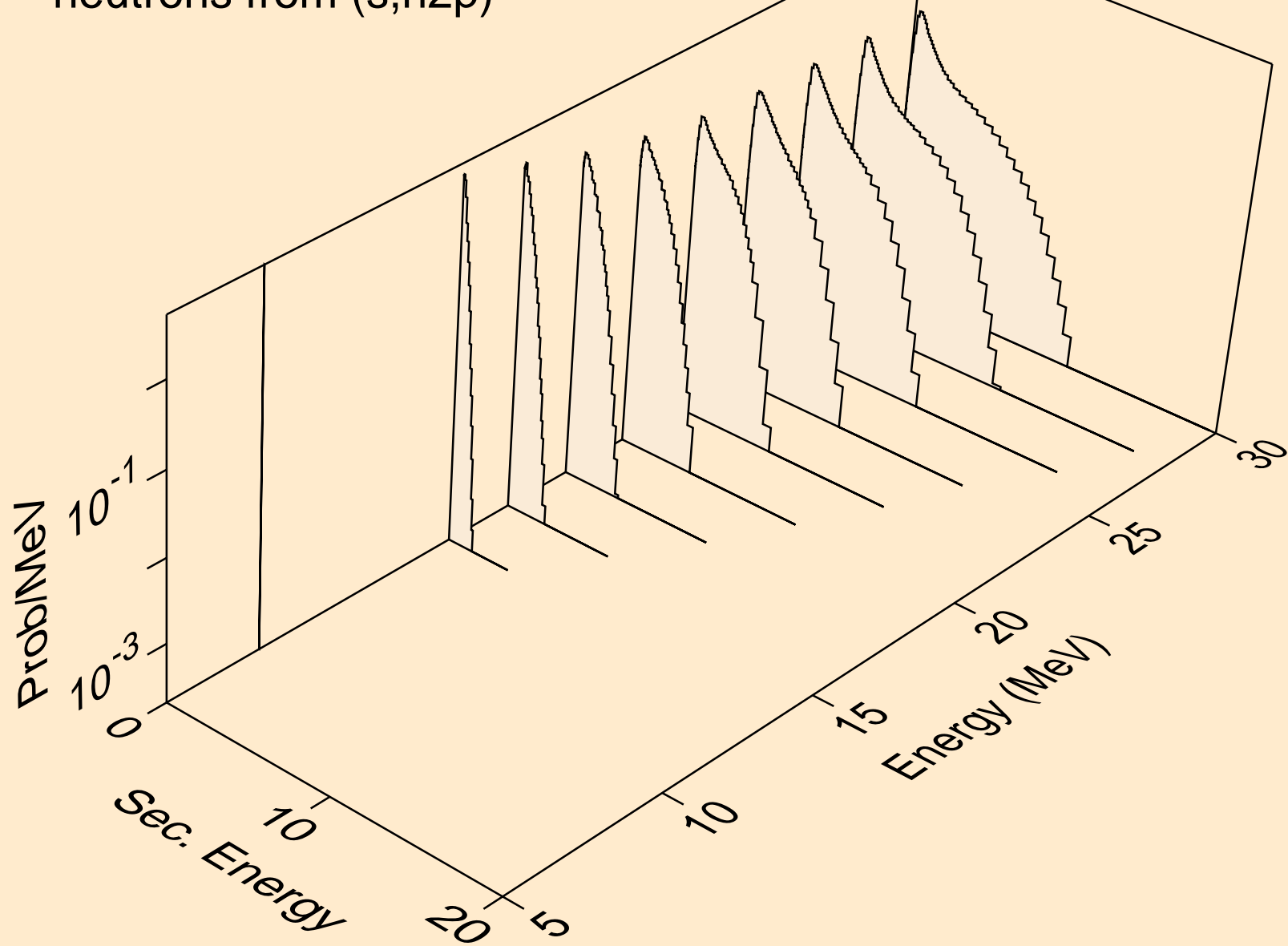
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

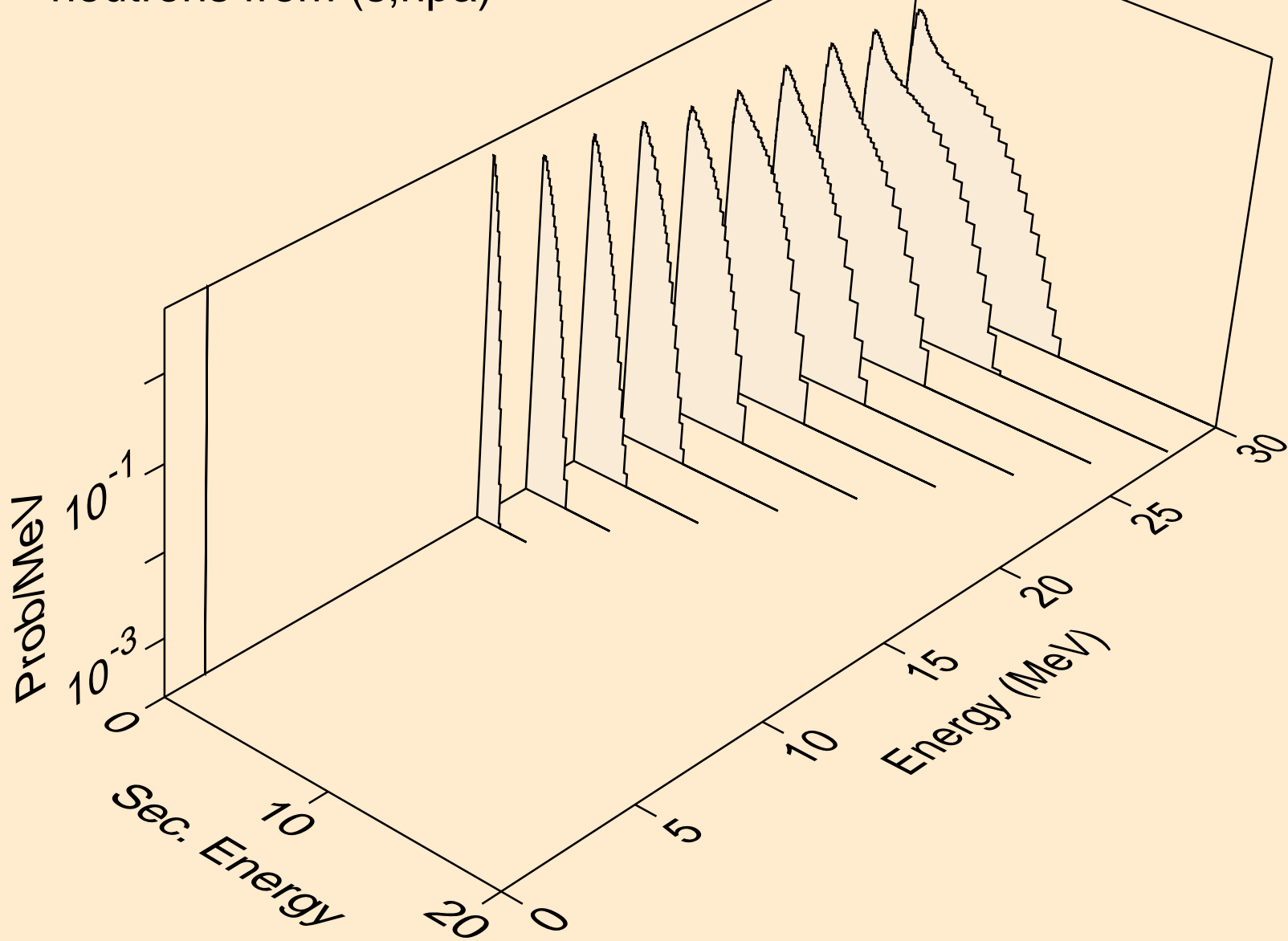


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

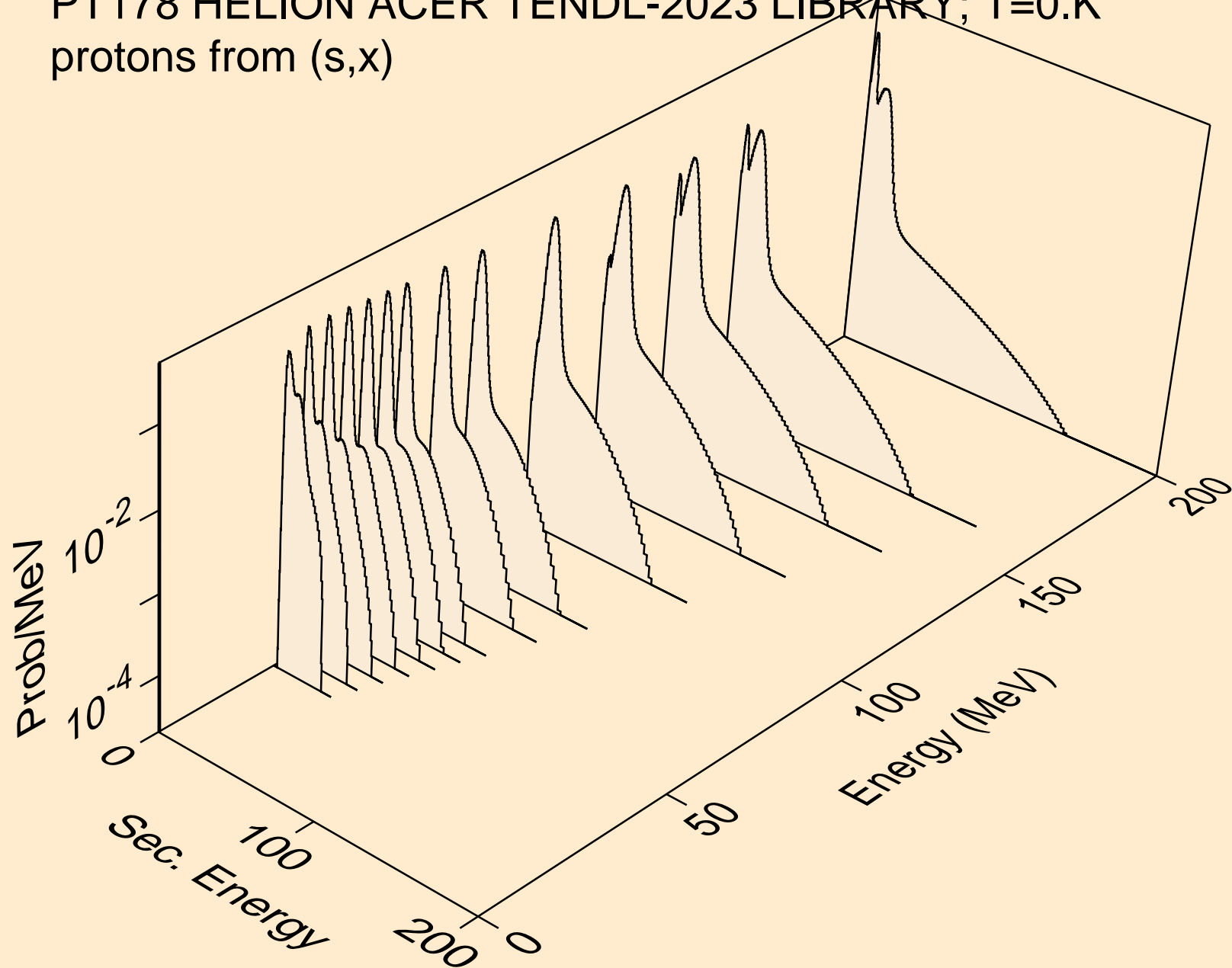




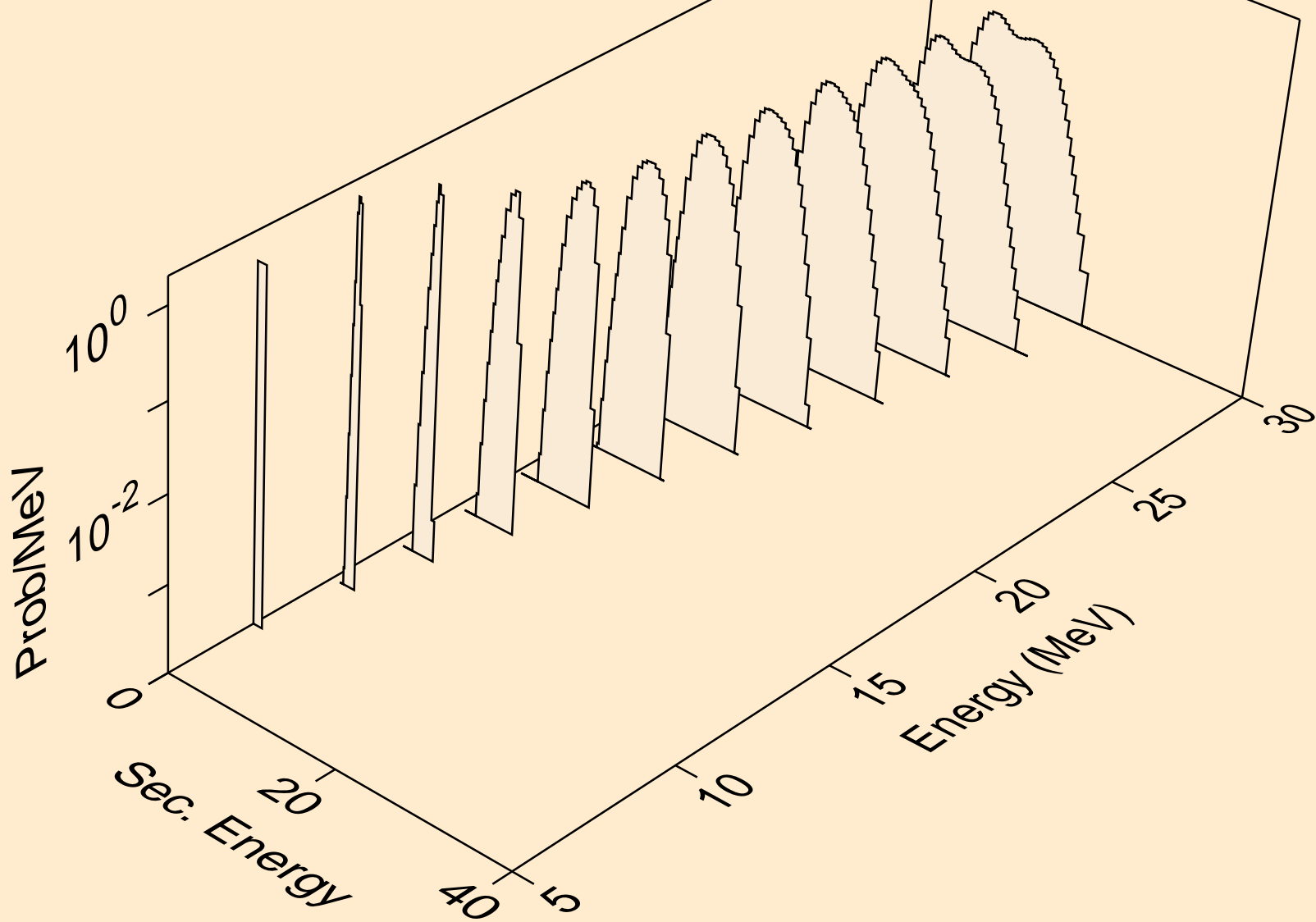
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



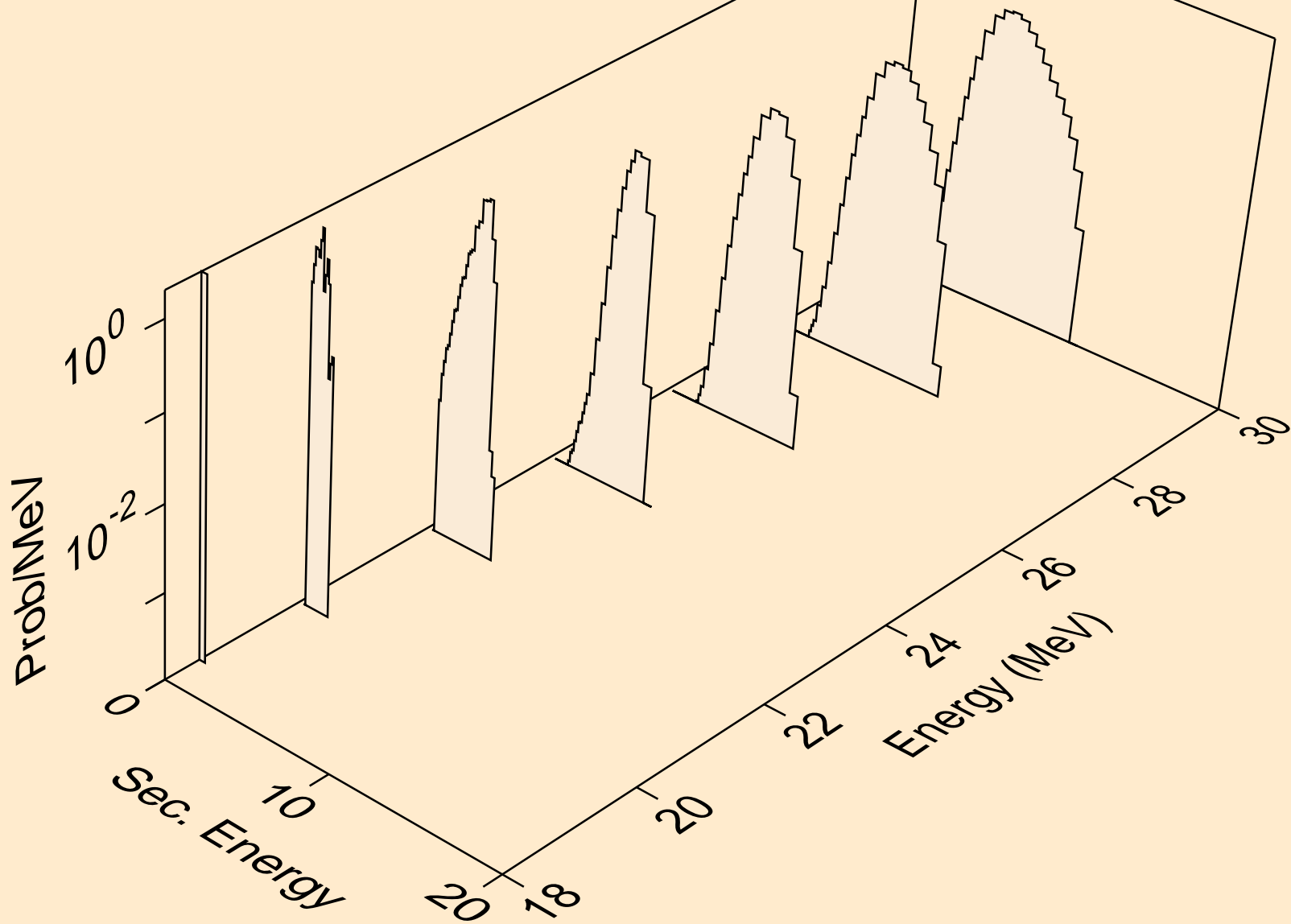
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



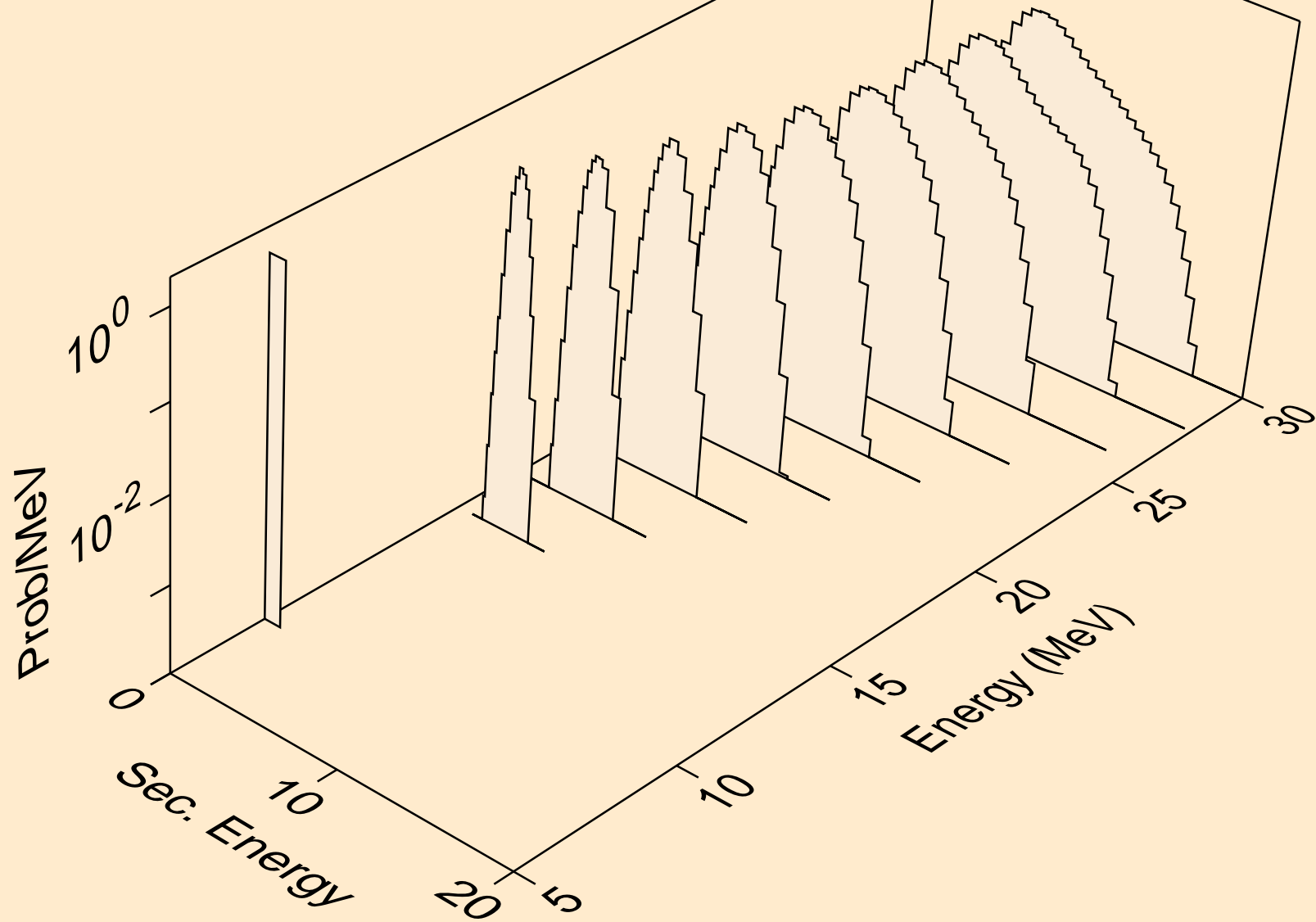
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



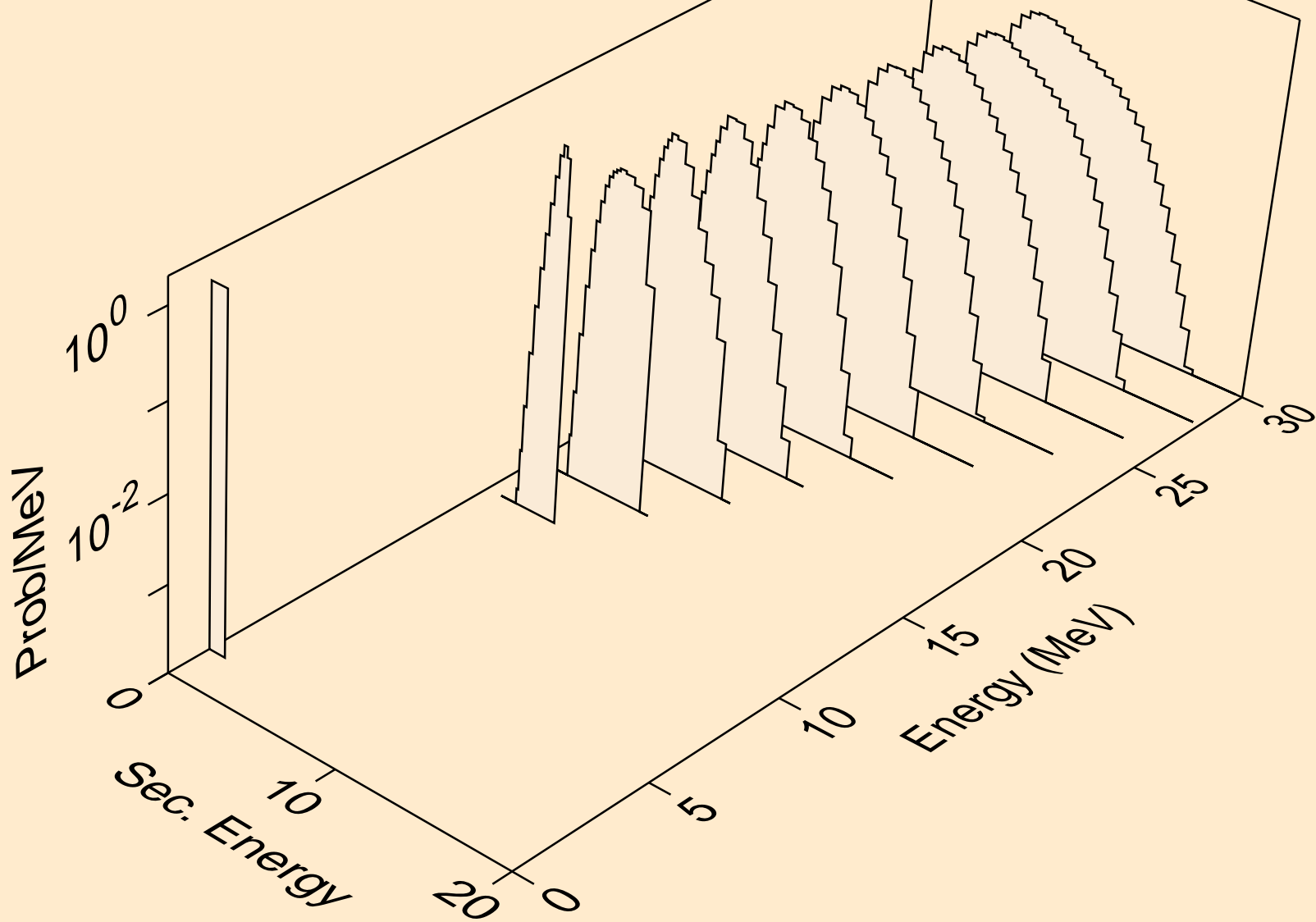
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



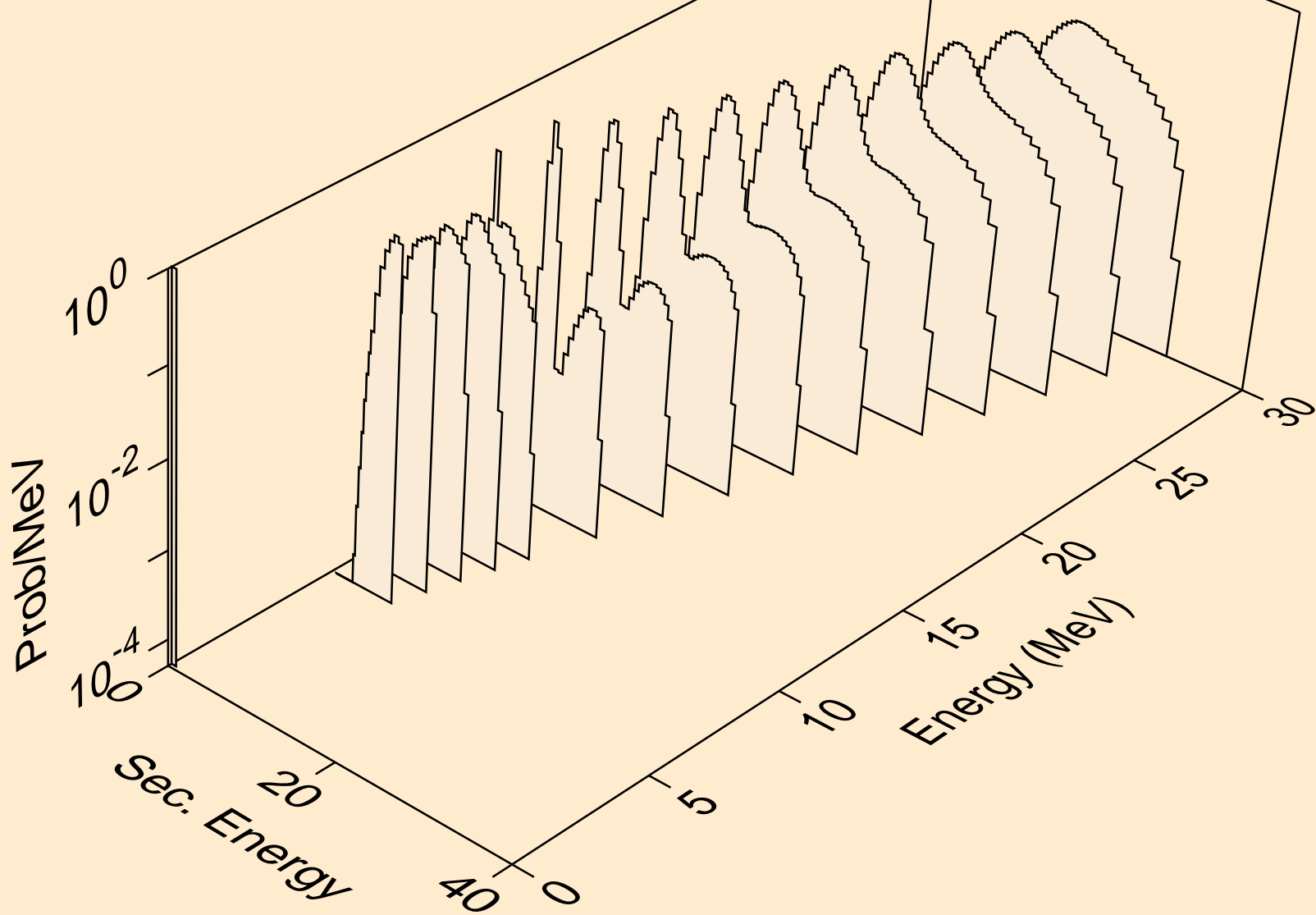
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



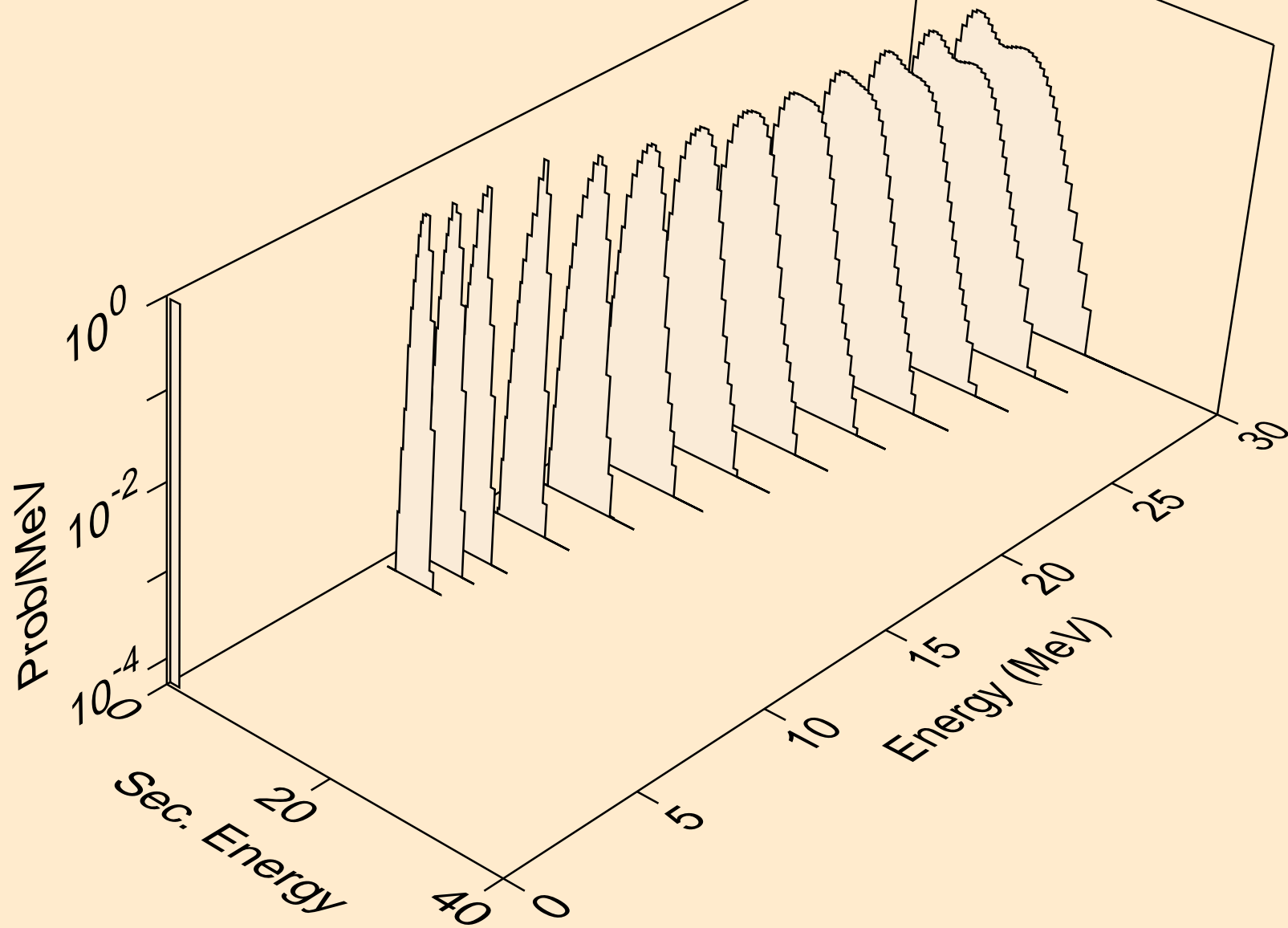
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

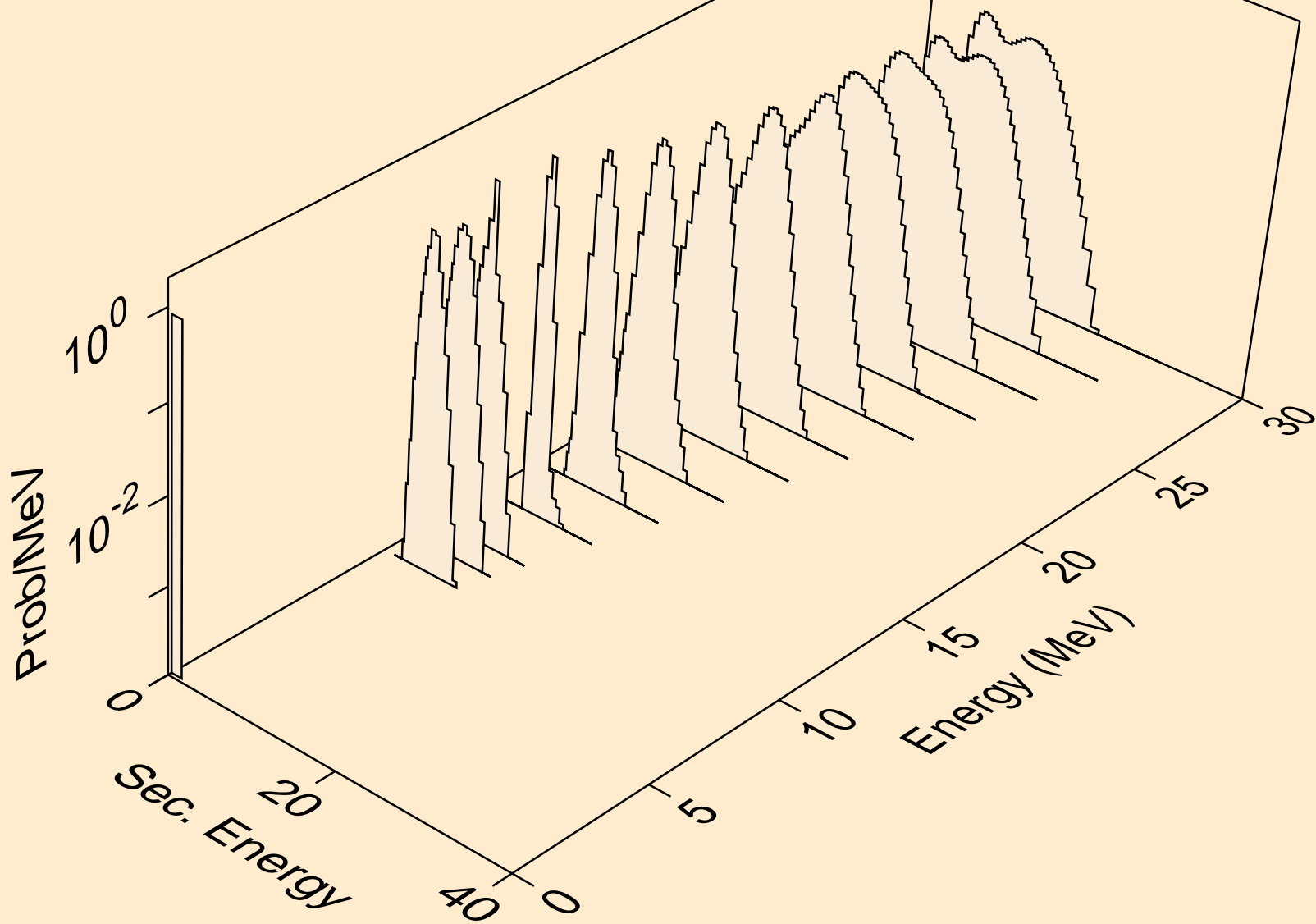


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

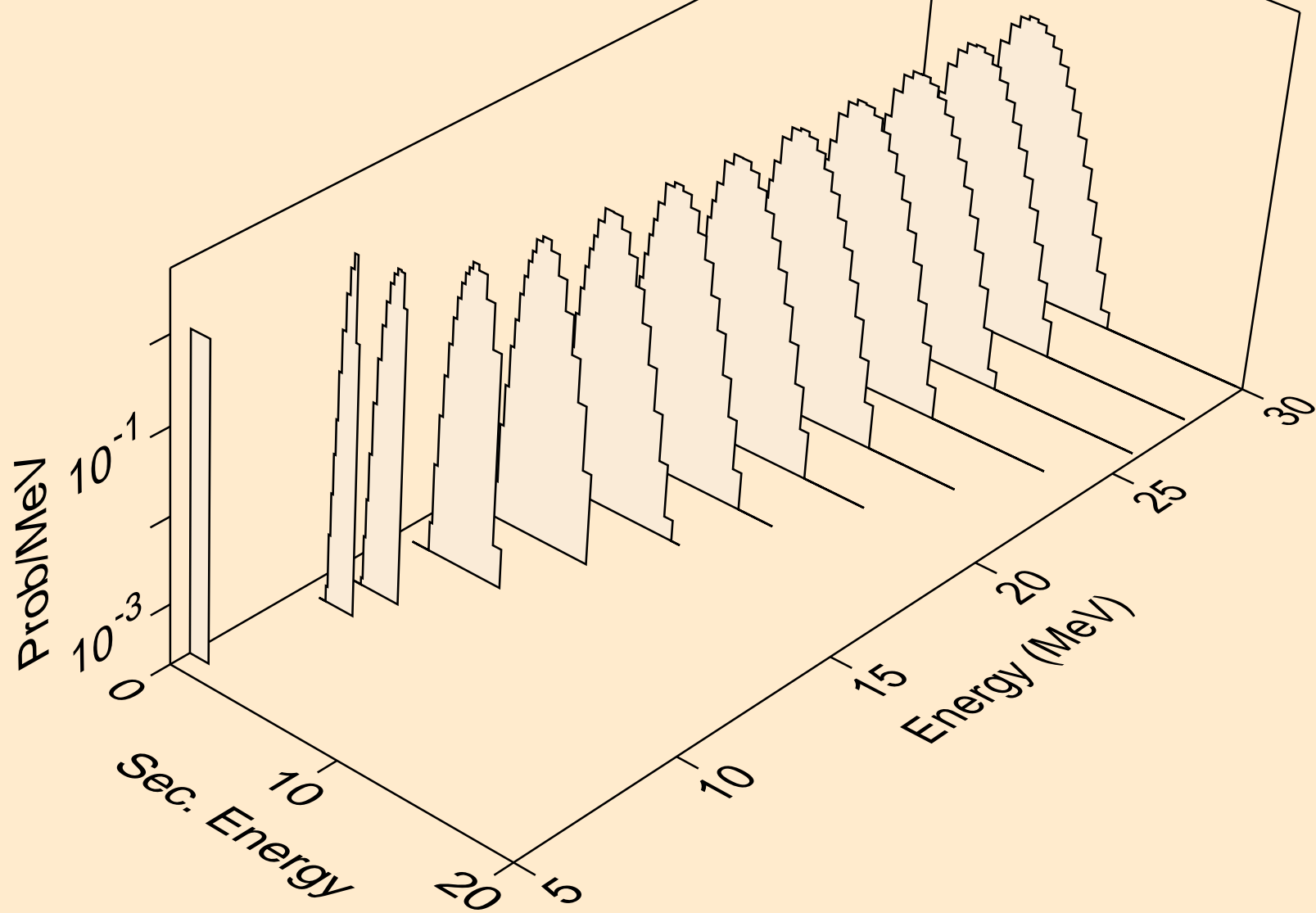




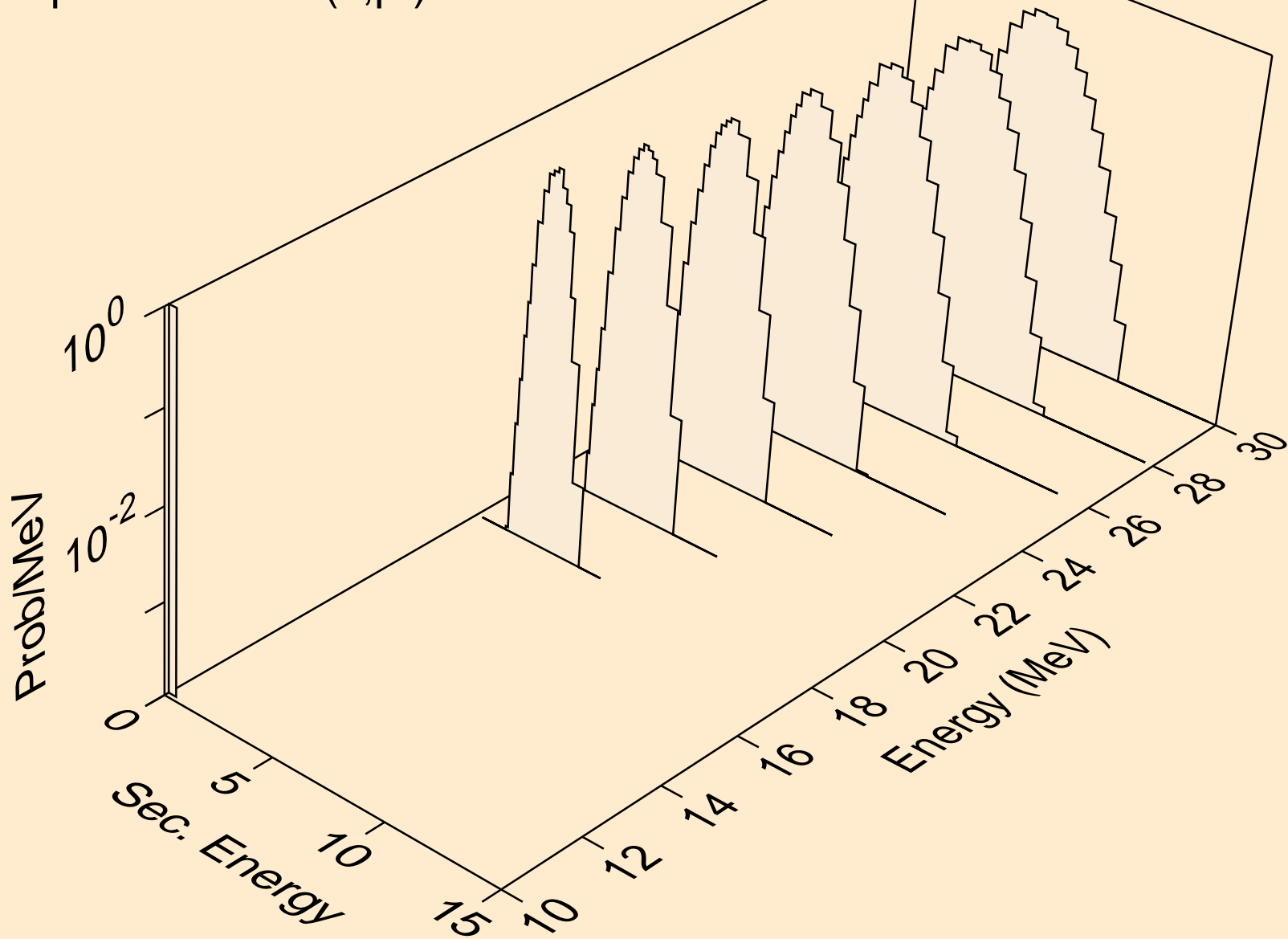
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



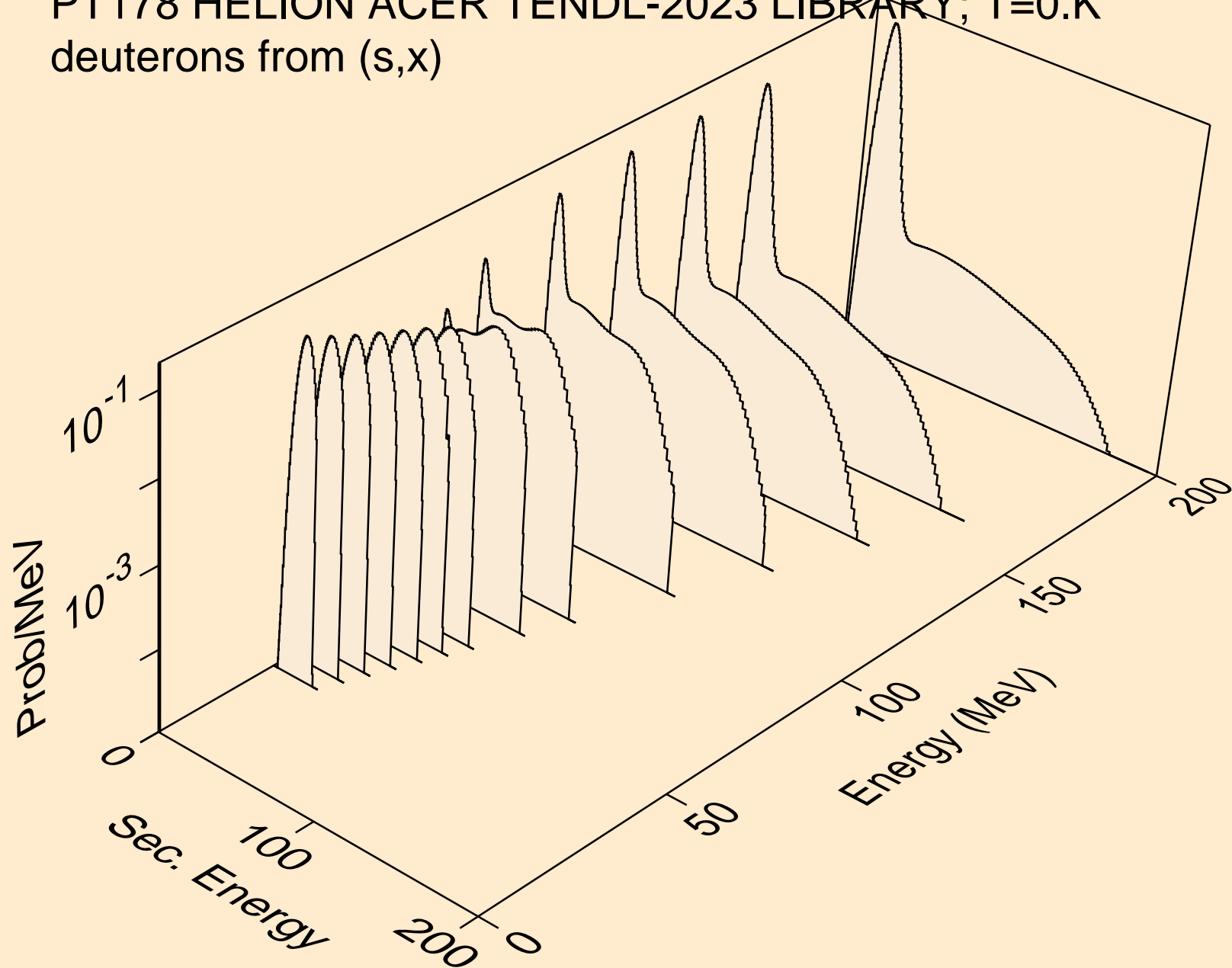
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



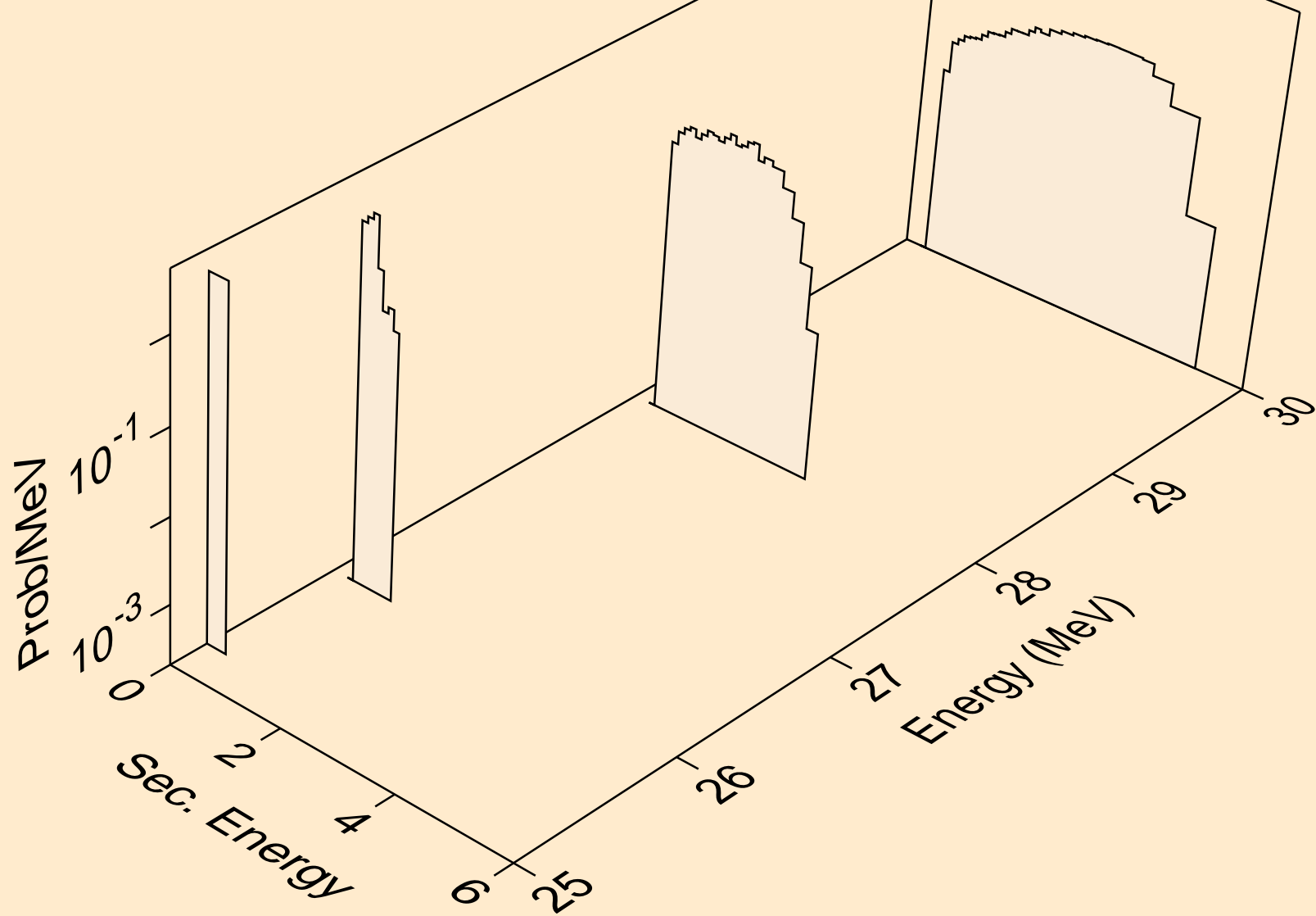
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



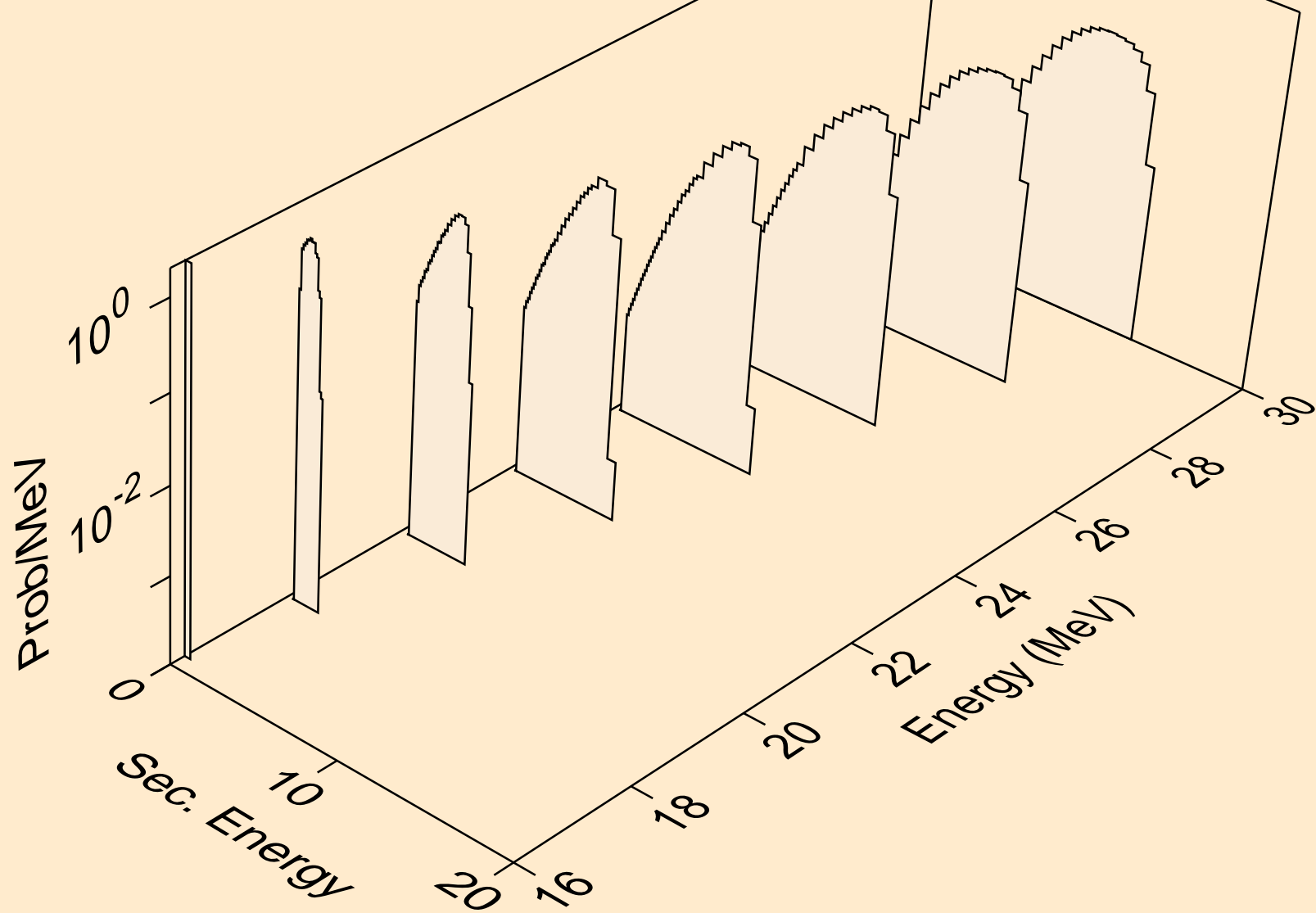
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



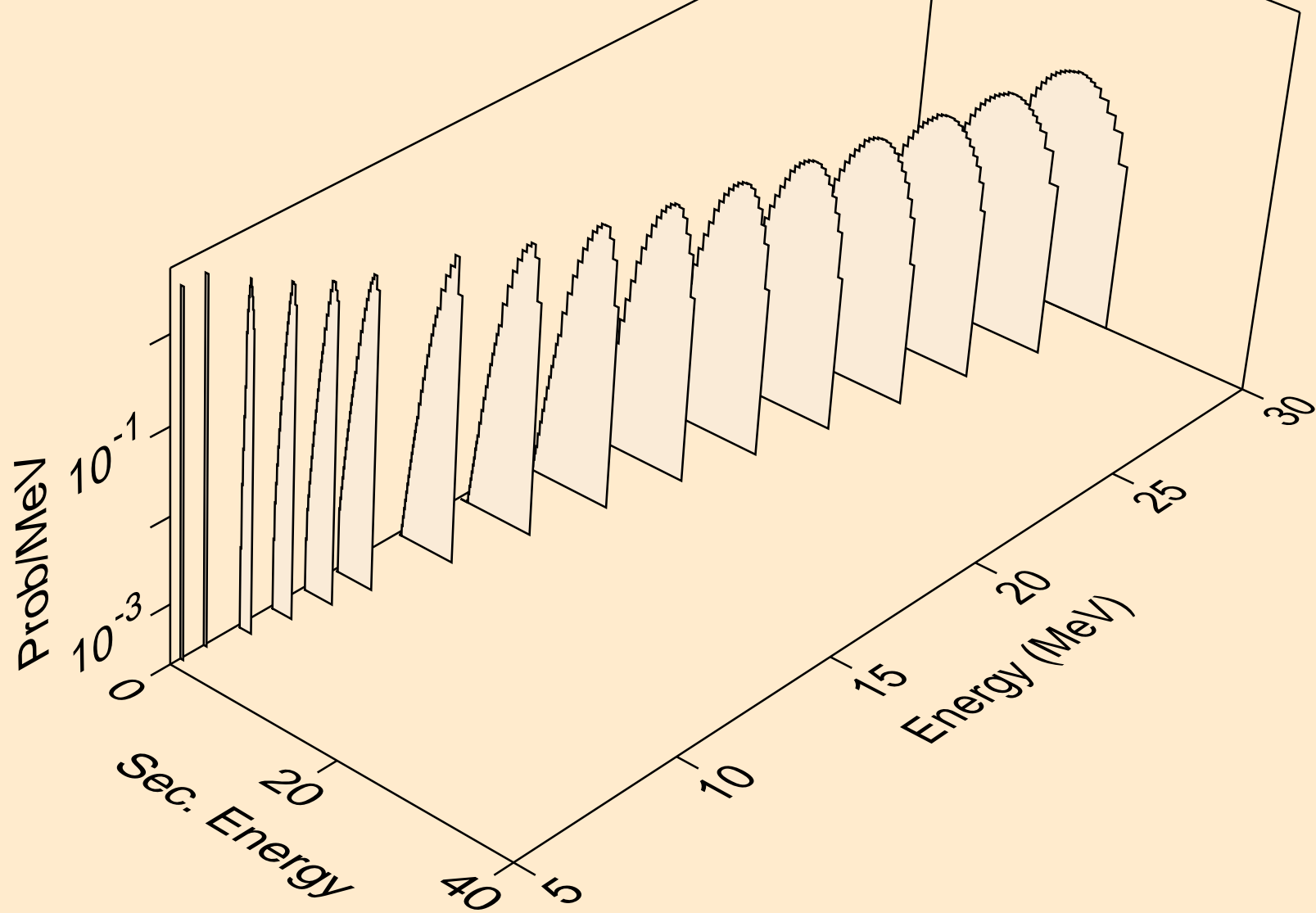
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



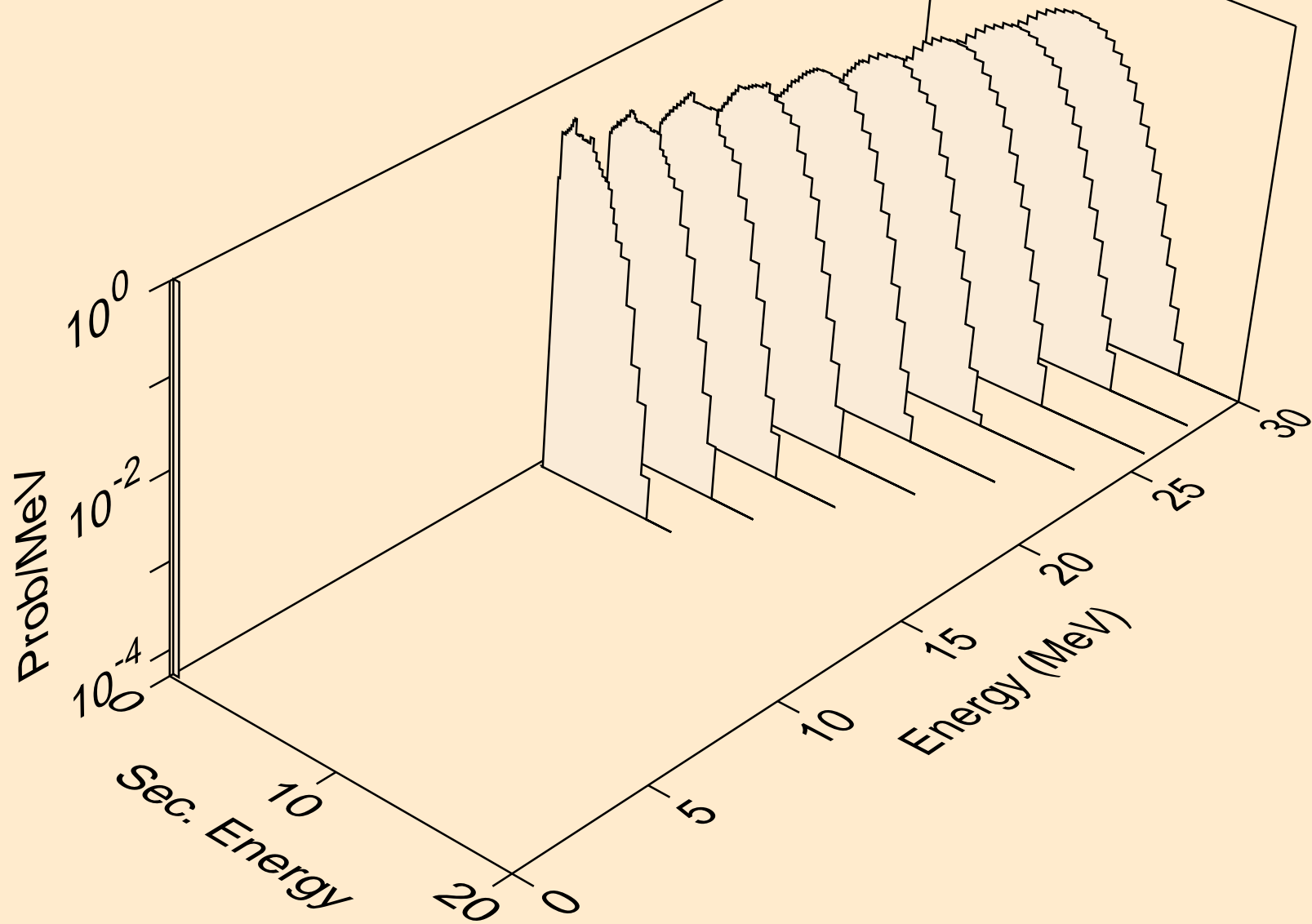
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

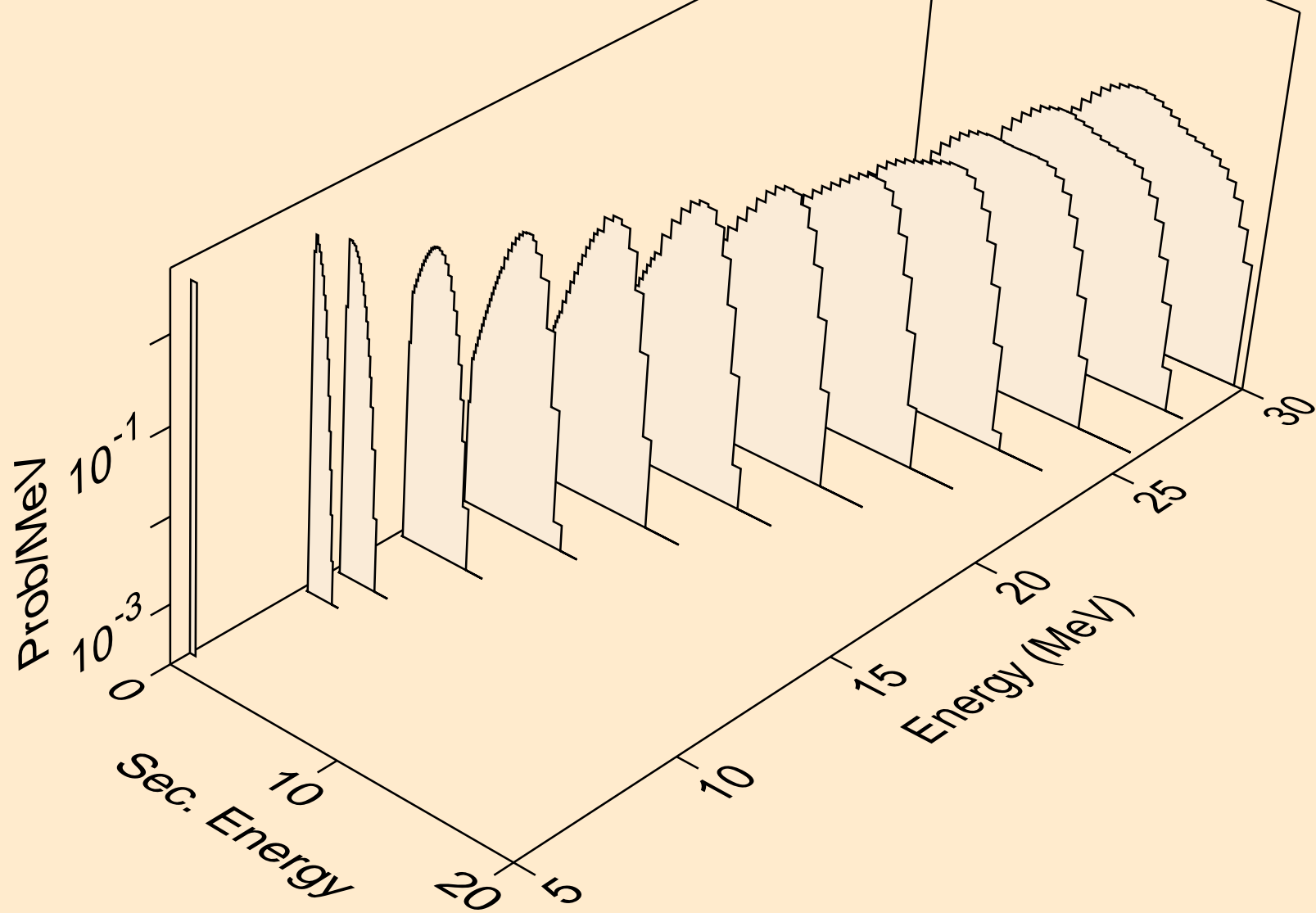


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d2a)

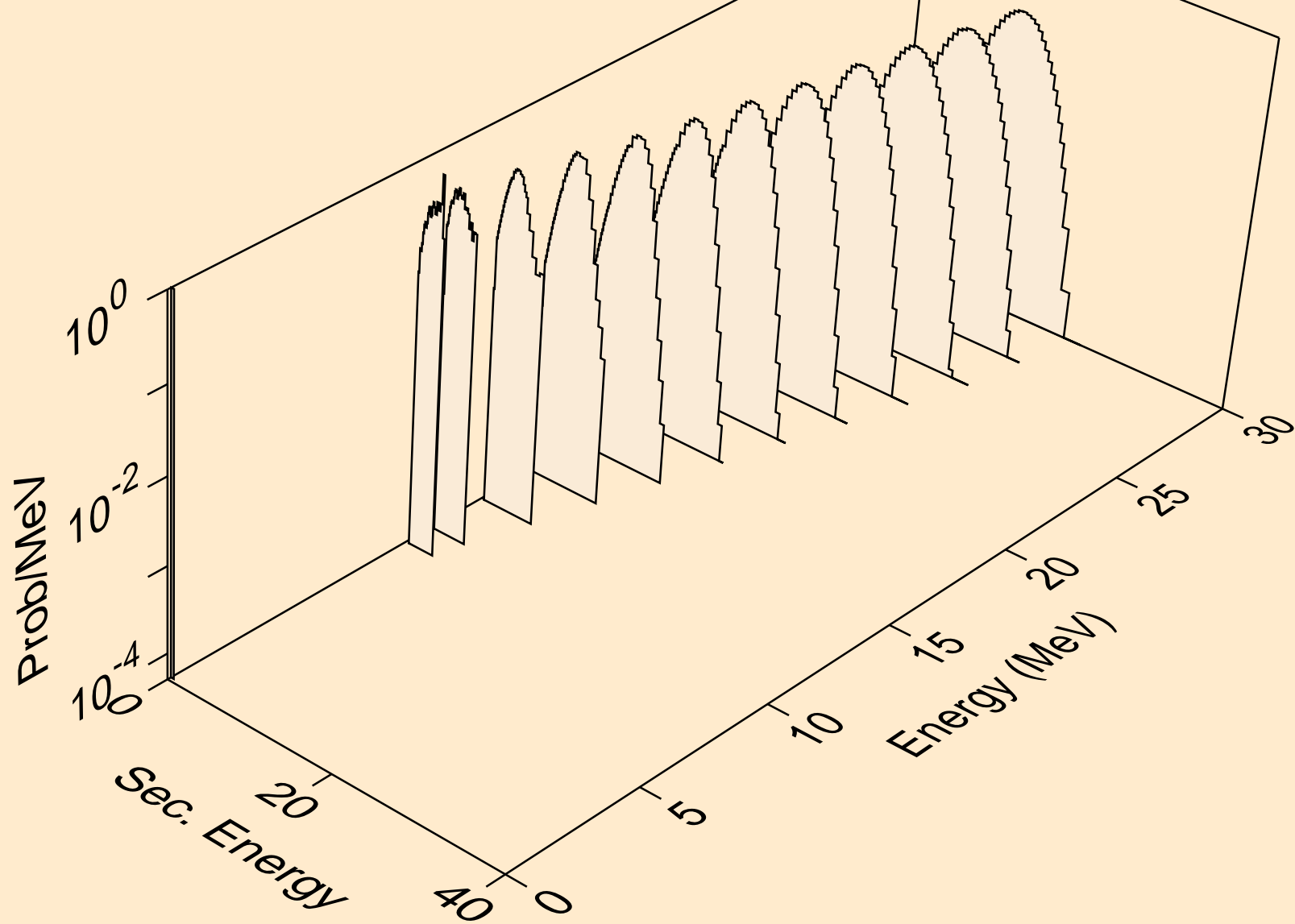




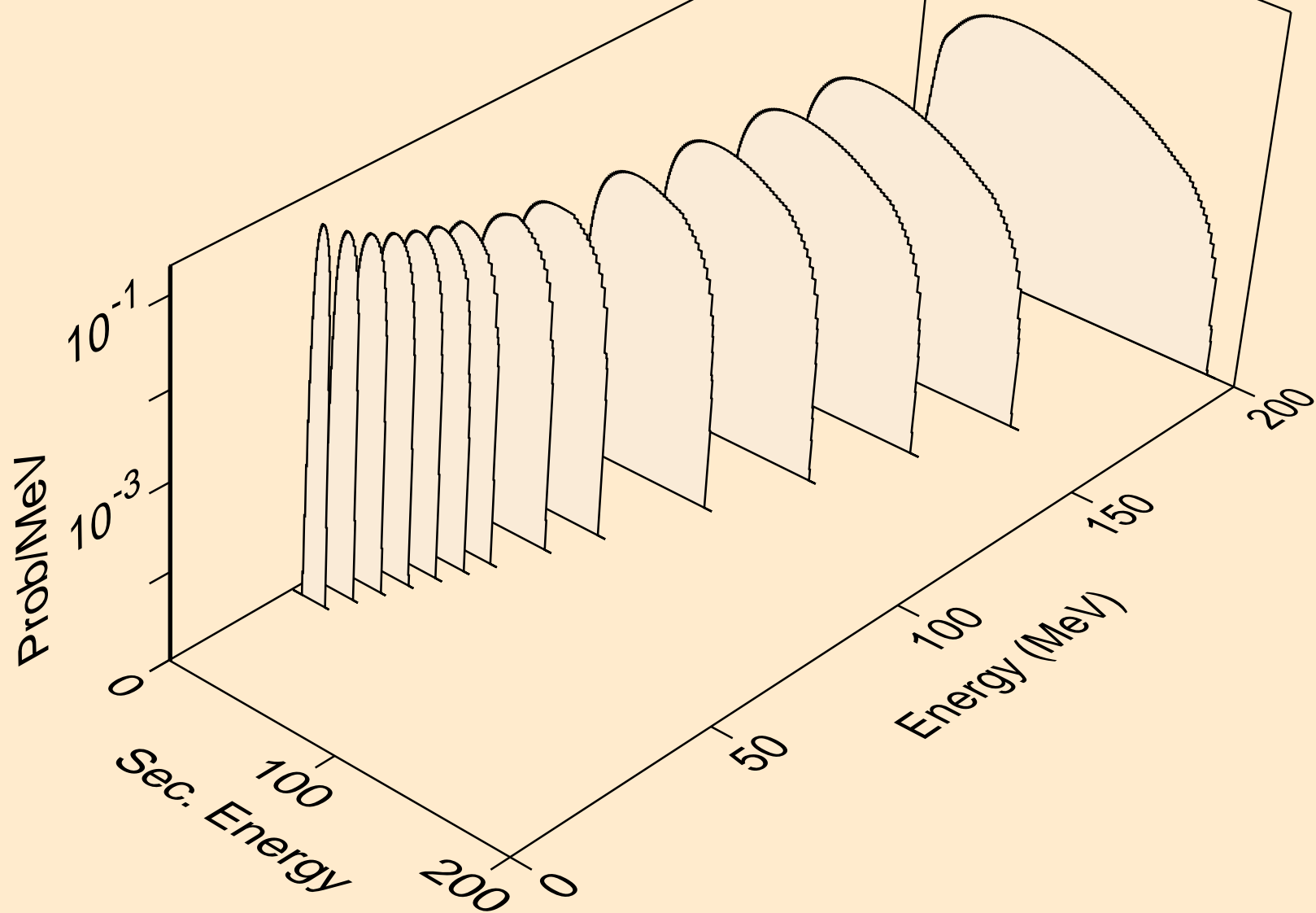
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



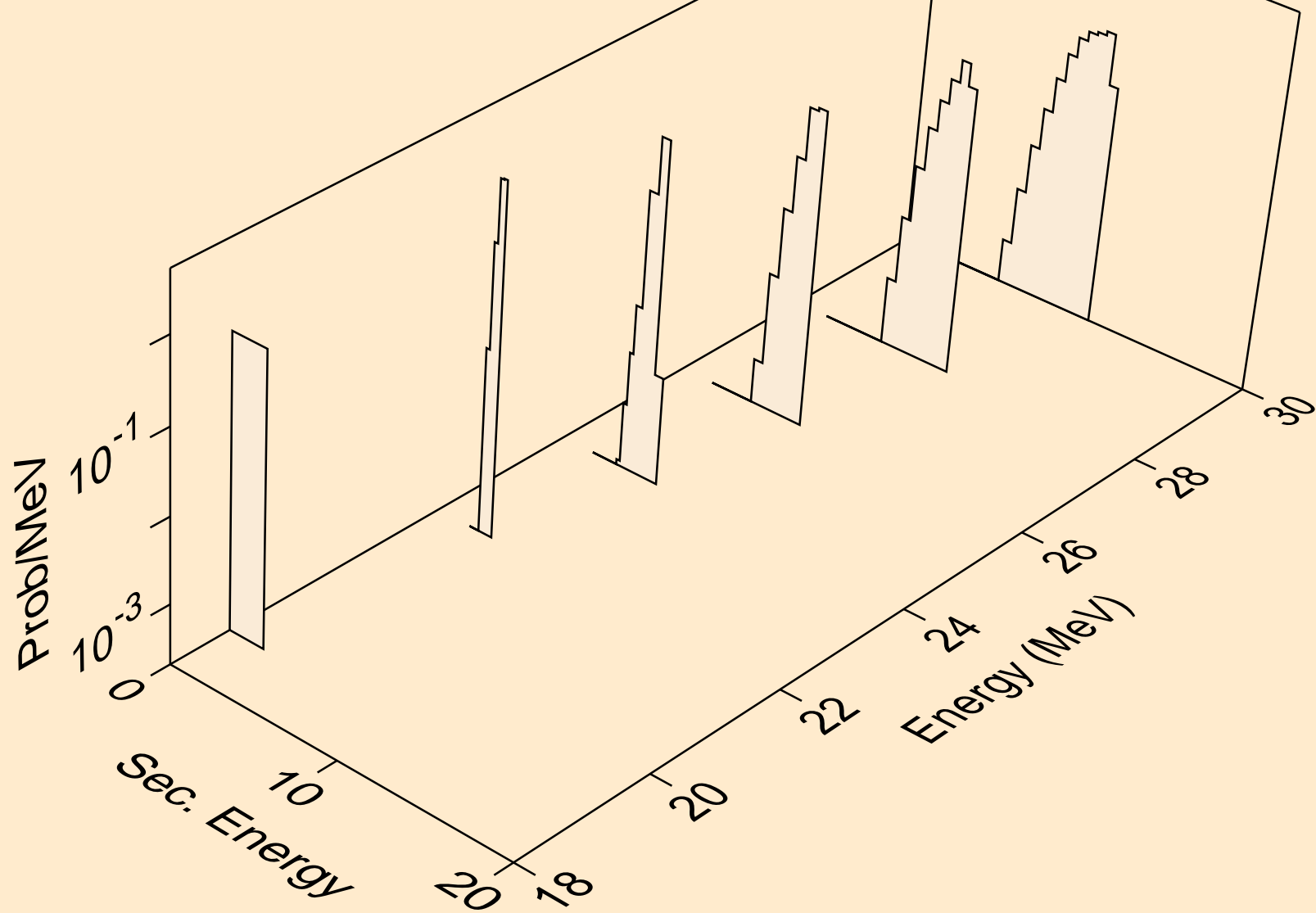
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



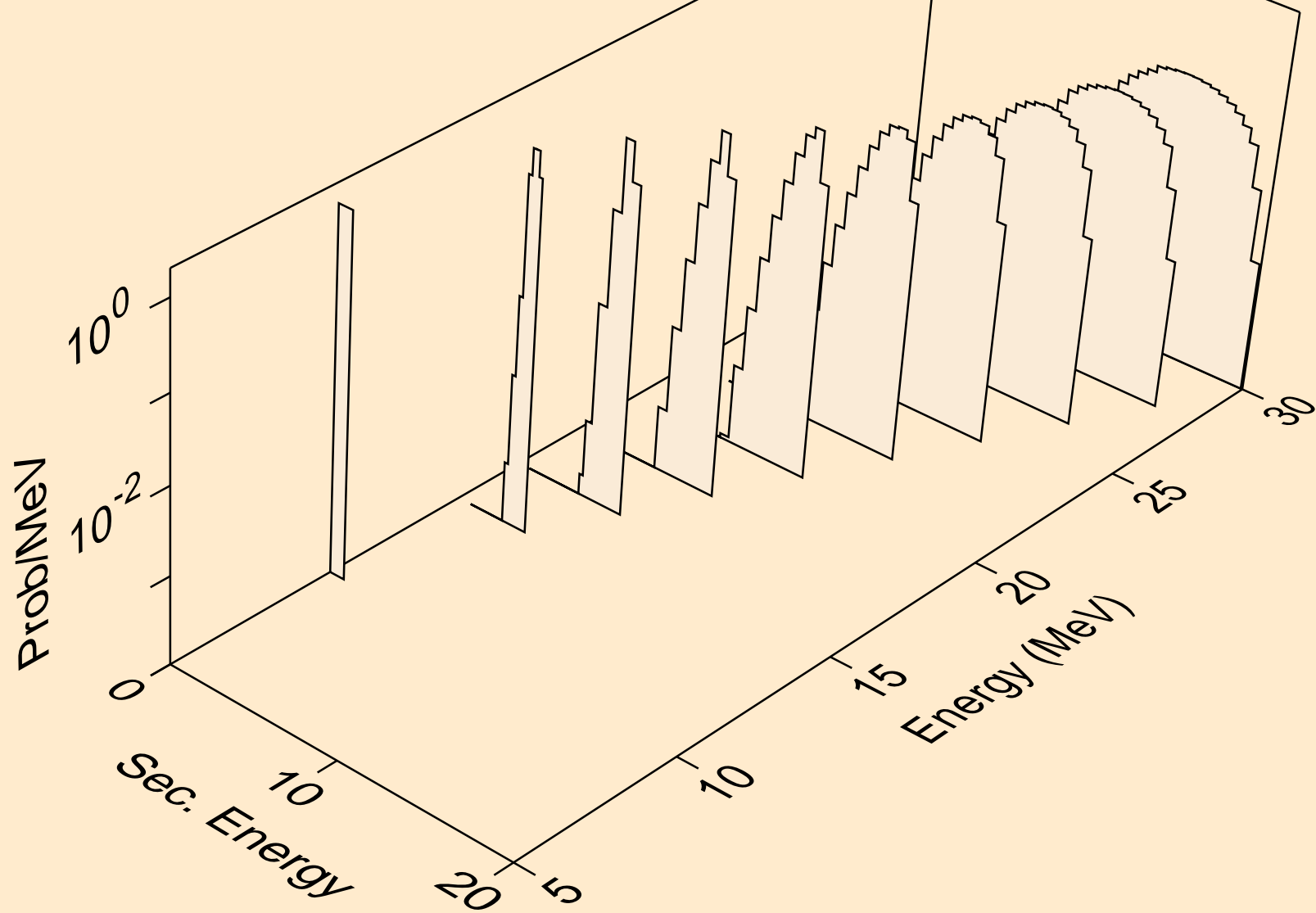
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



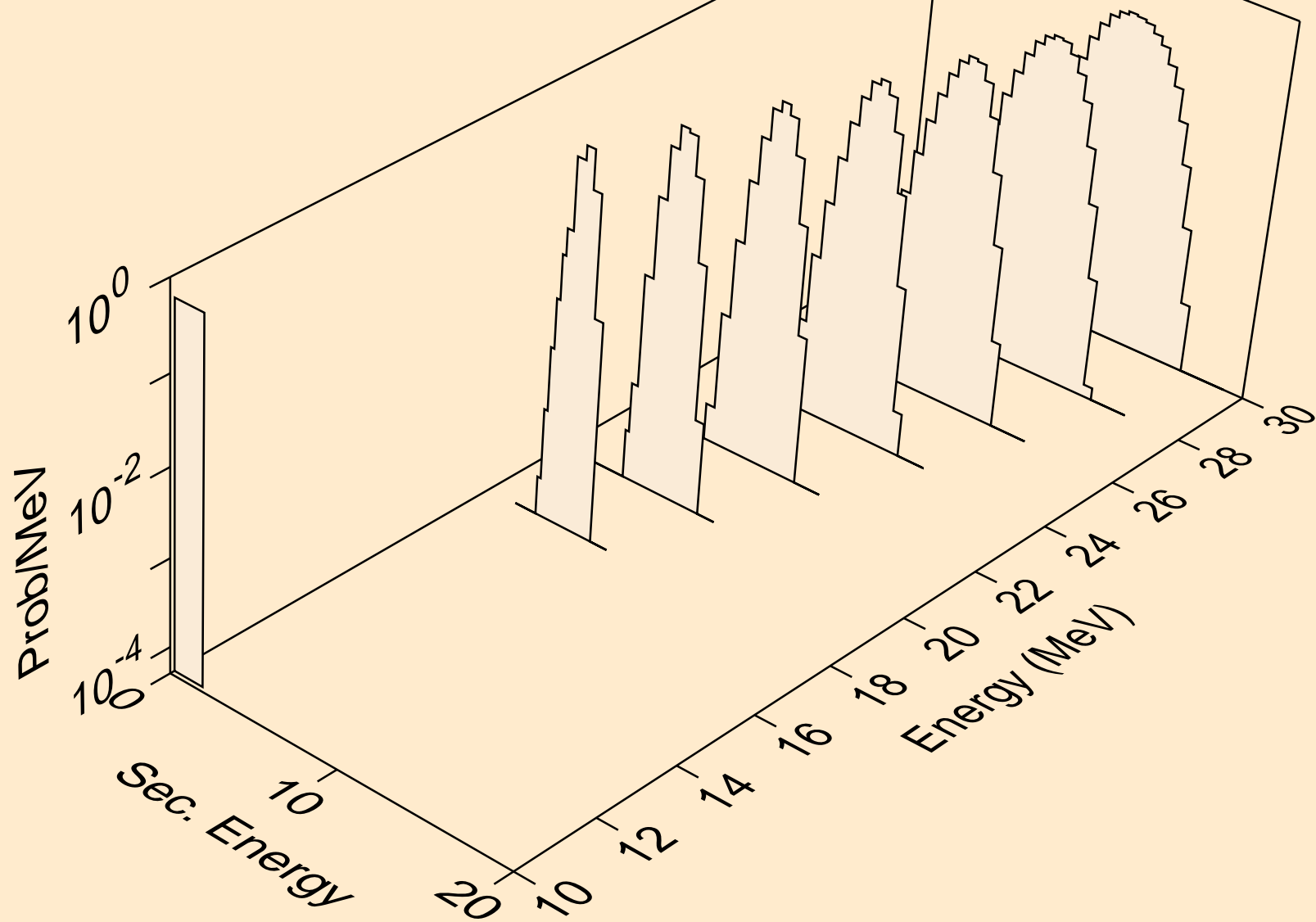
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



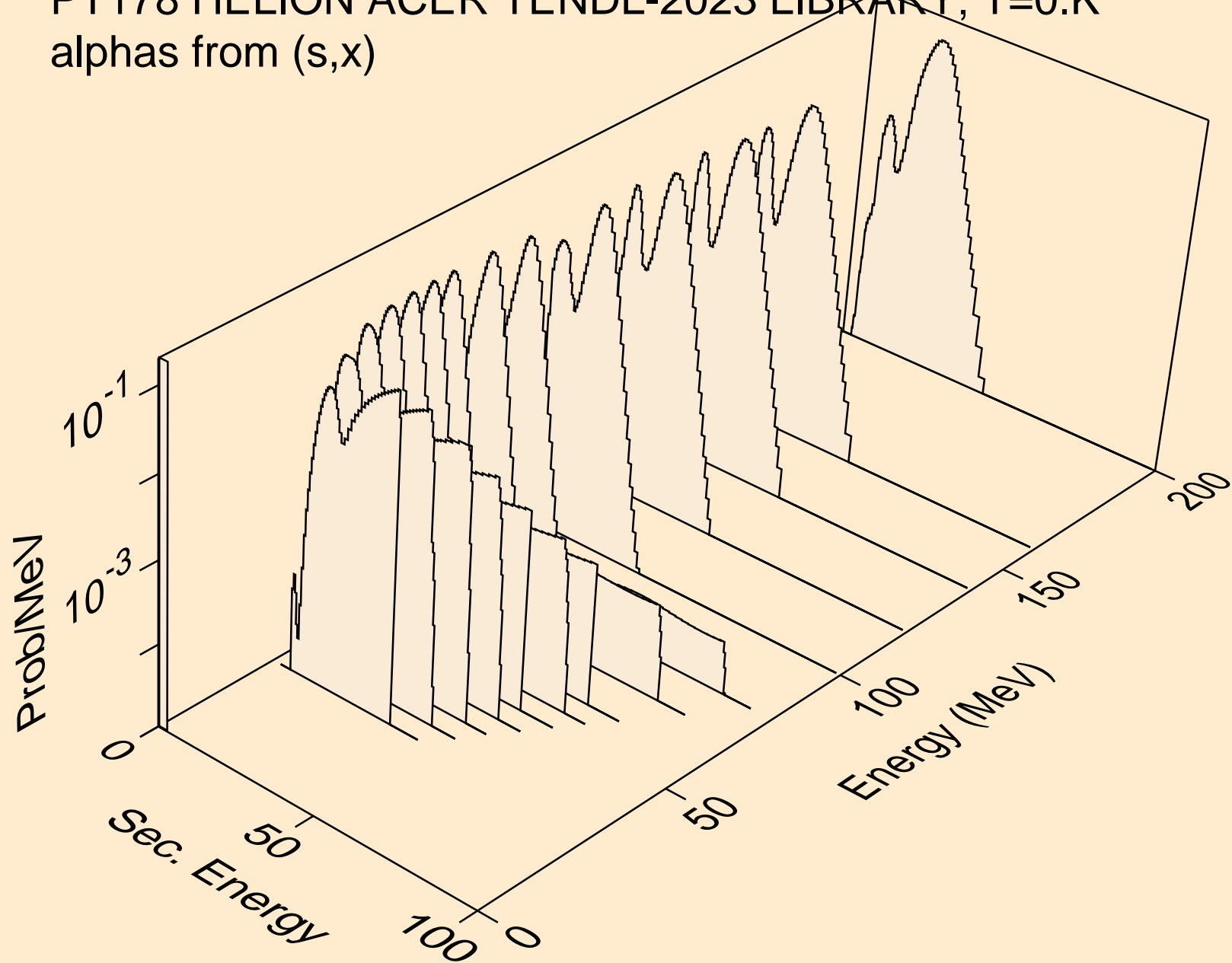
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



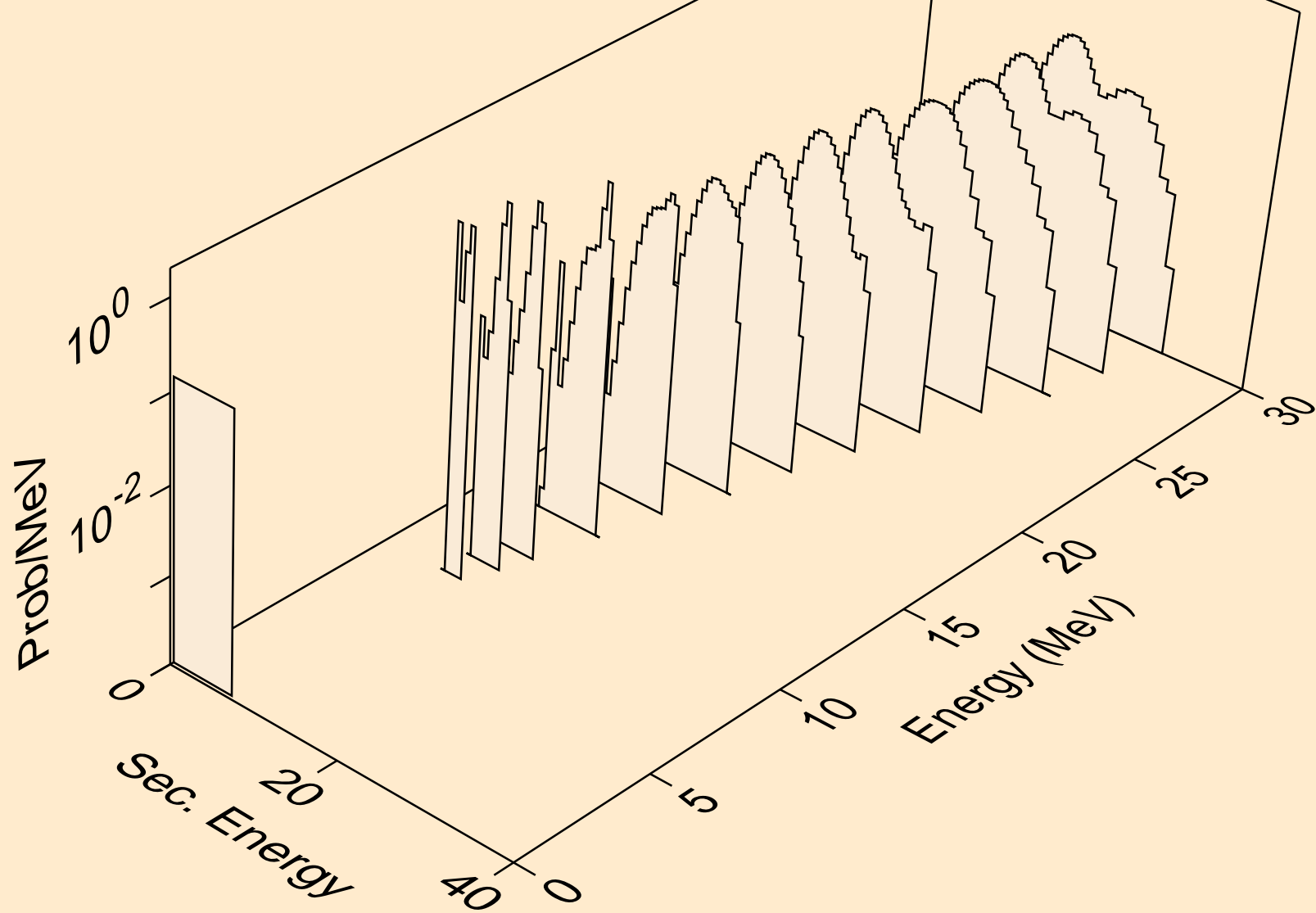
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

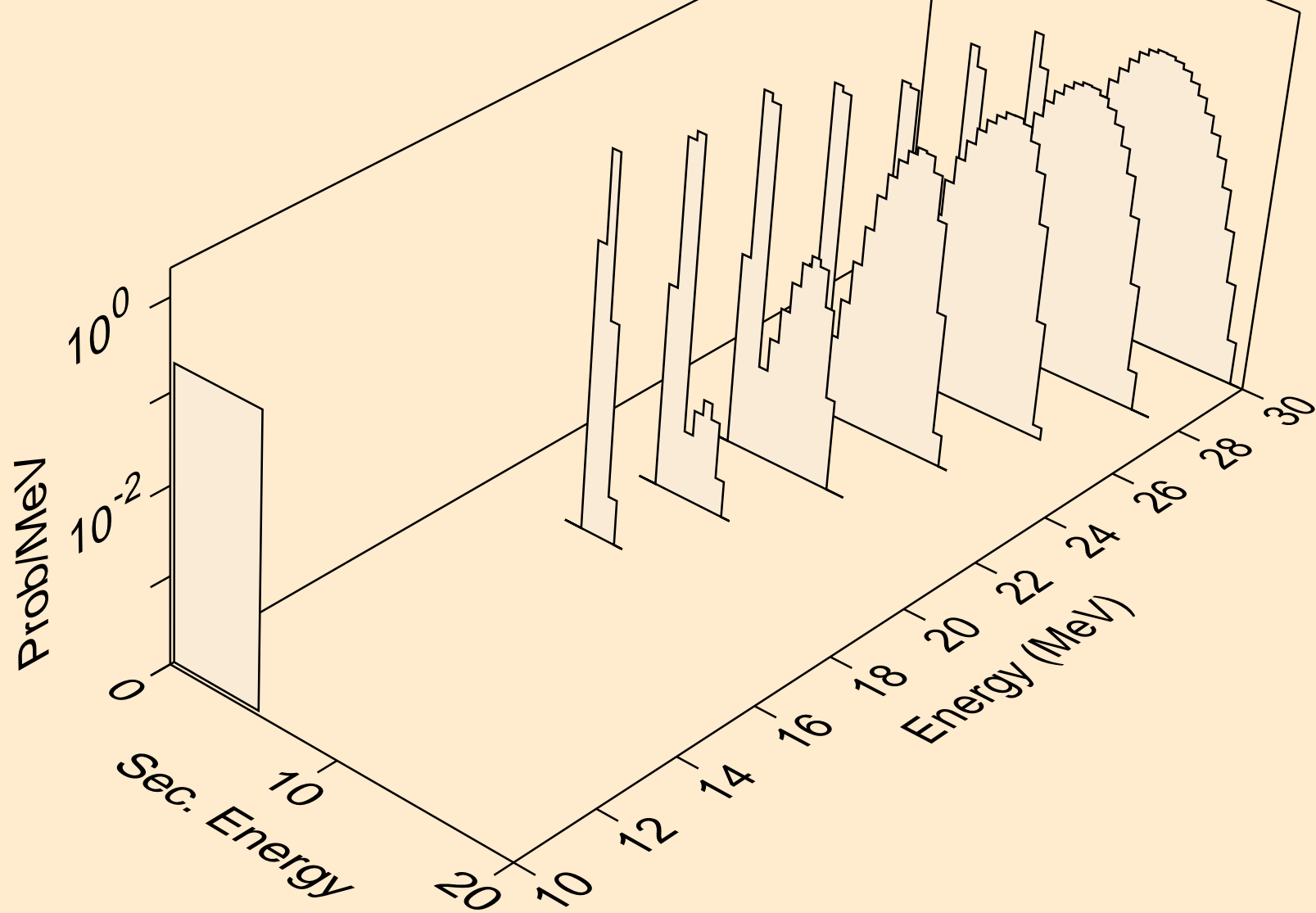


PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

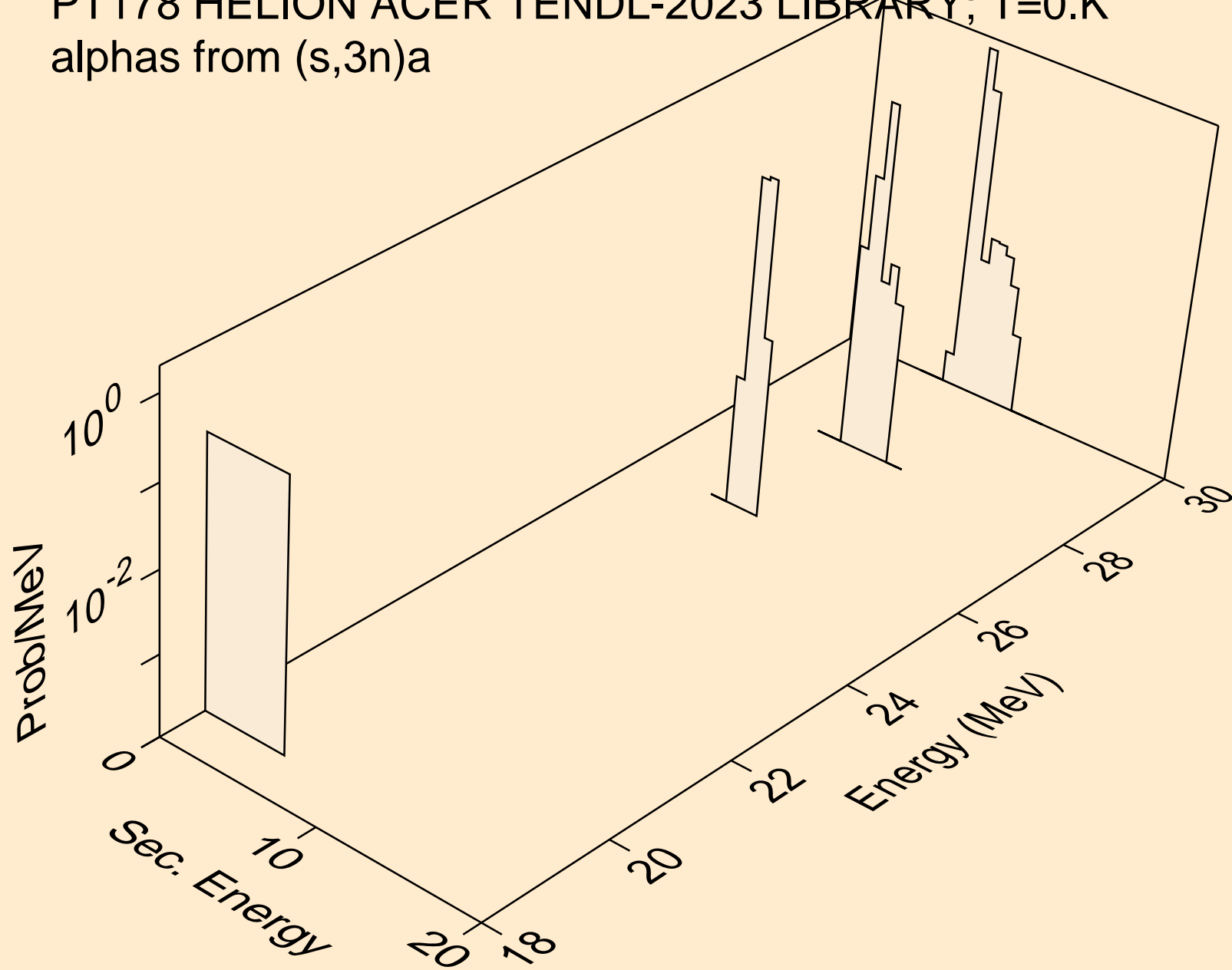




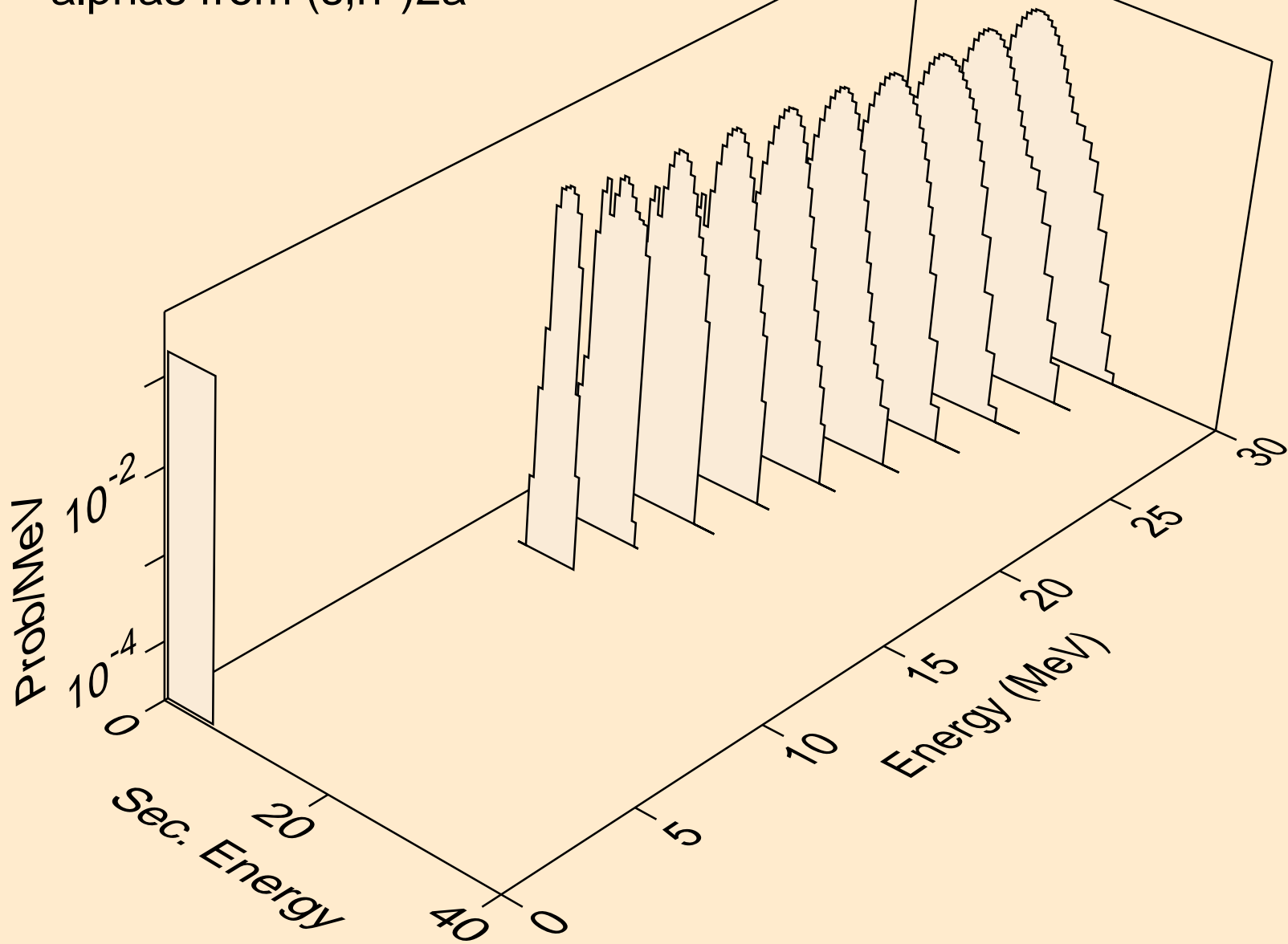
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



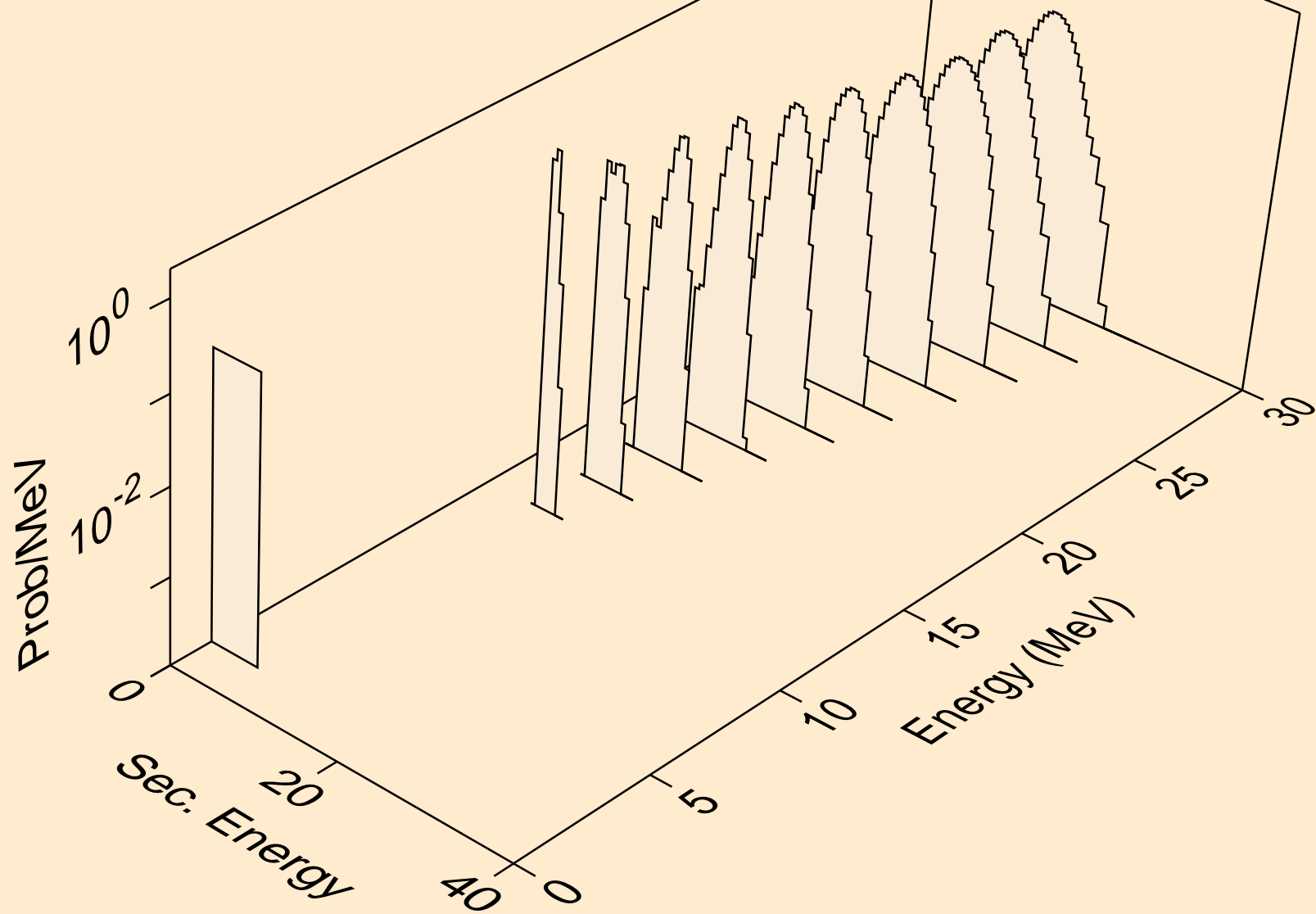
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



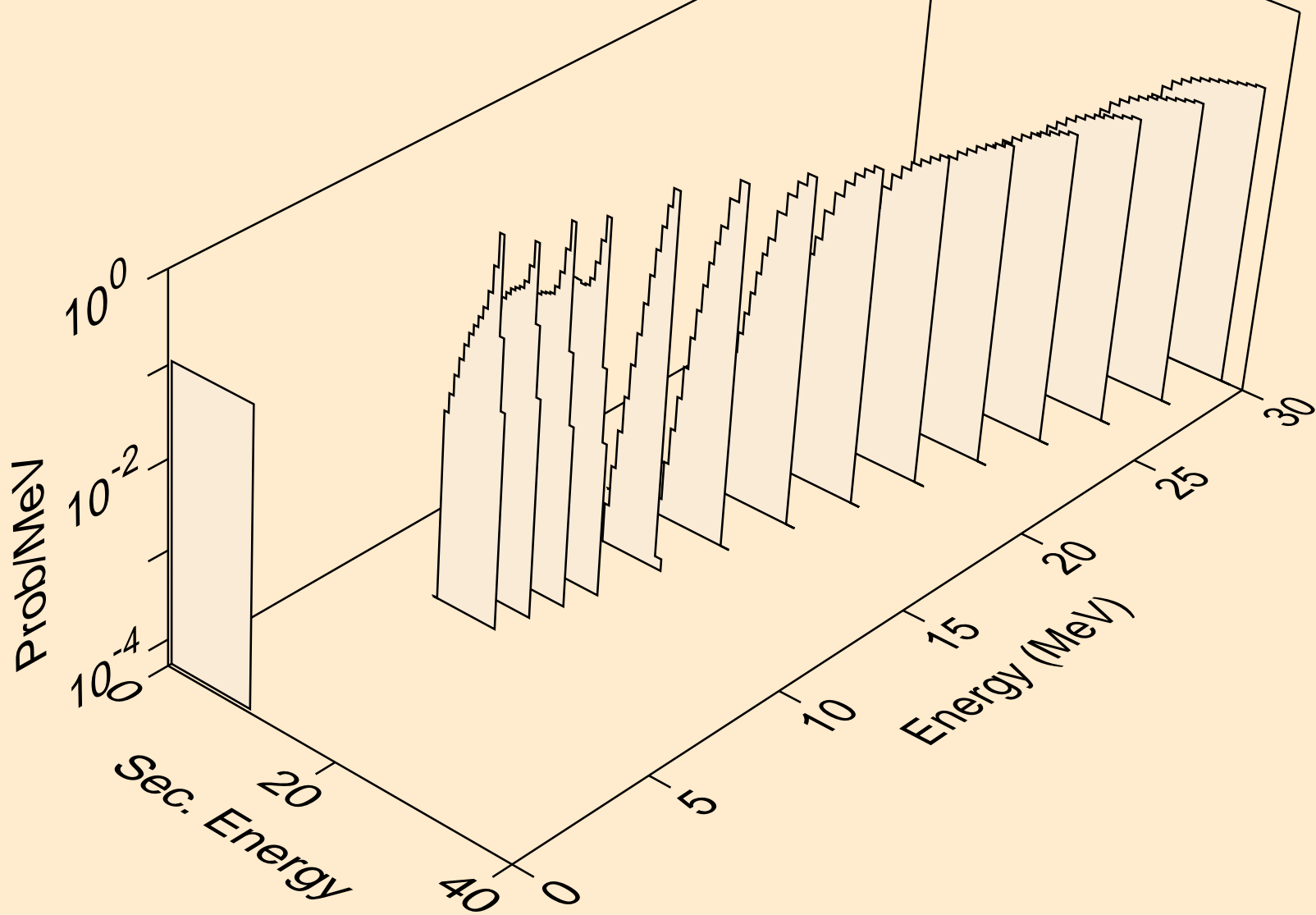
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



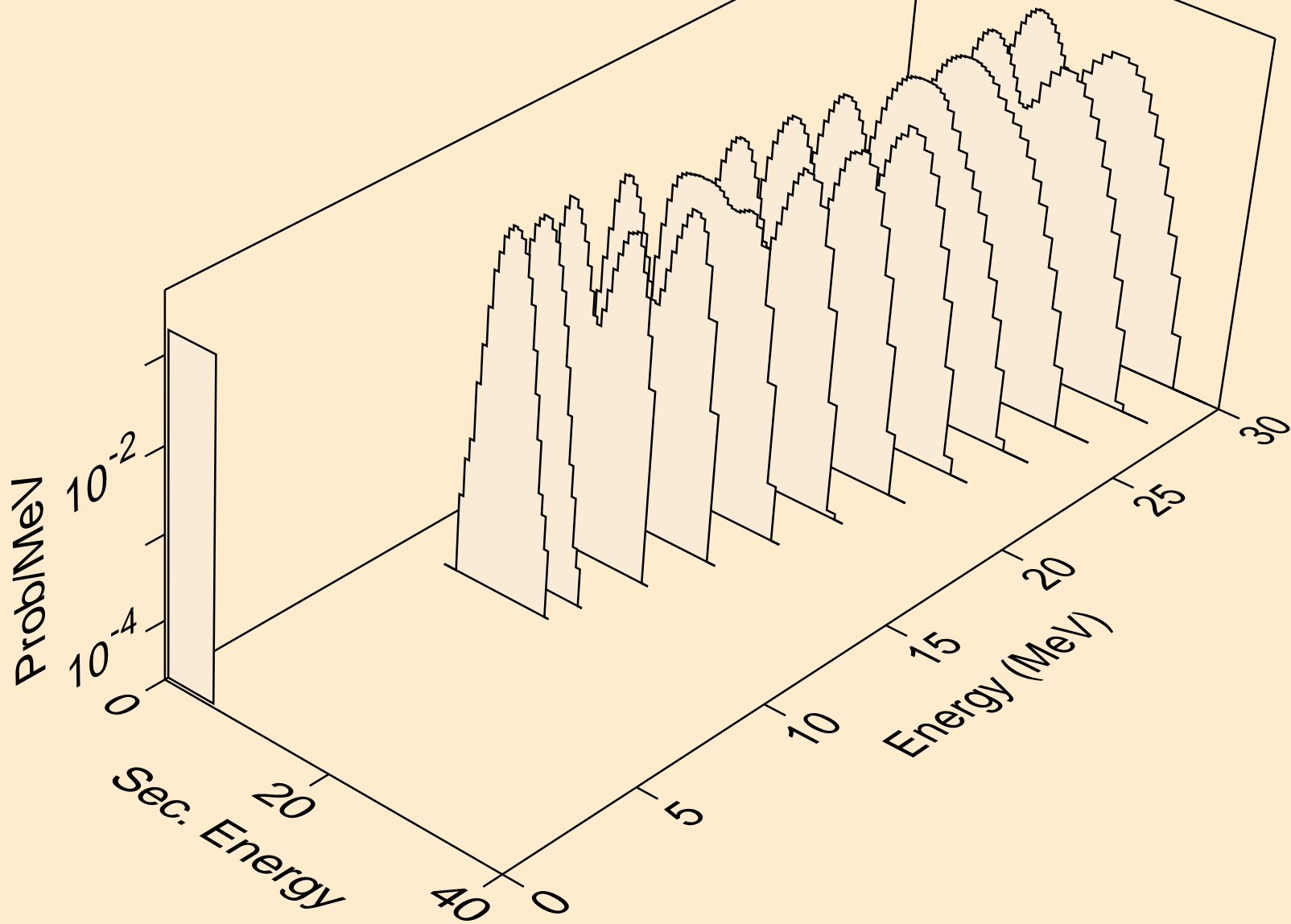
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



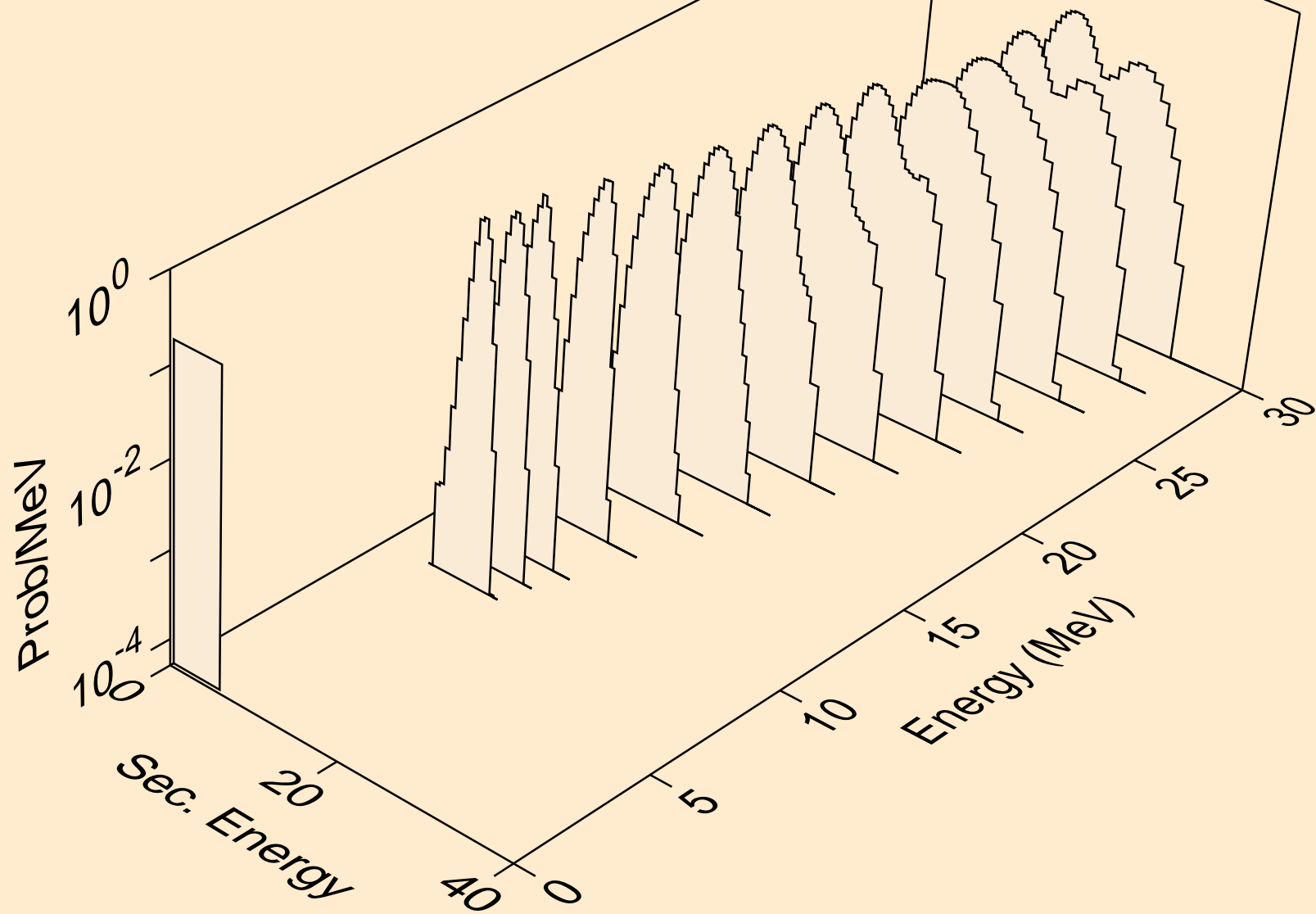
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



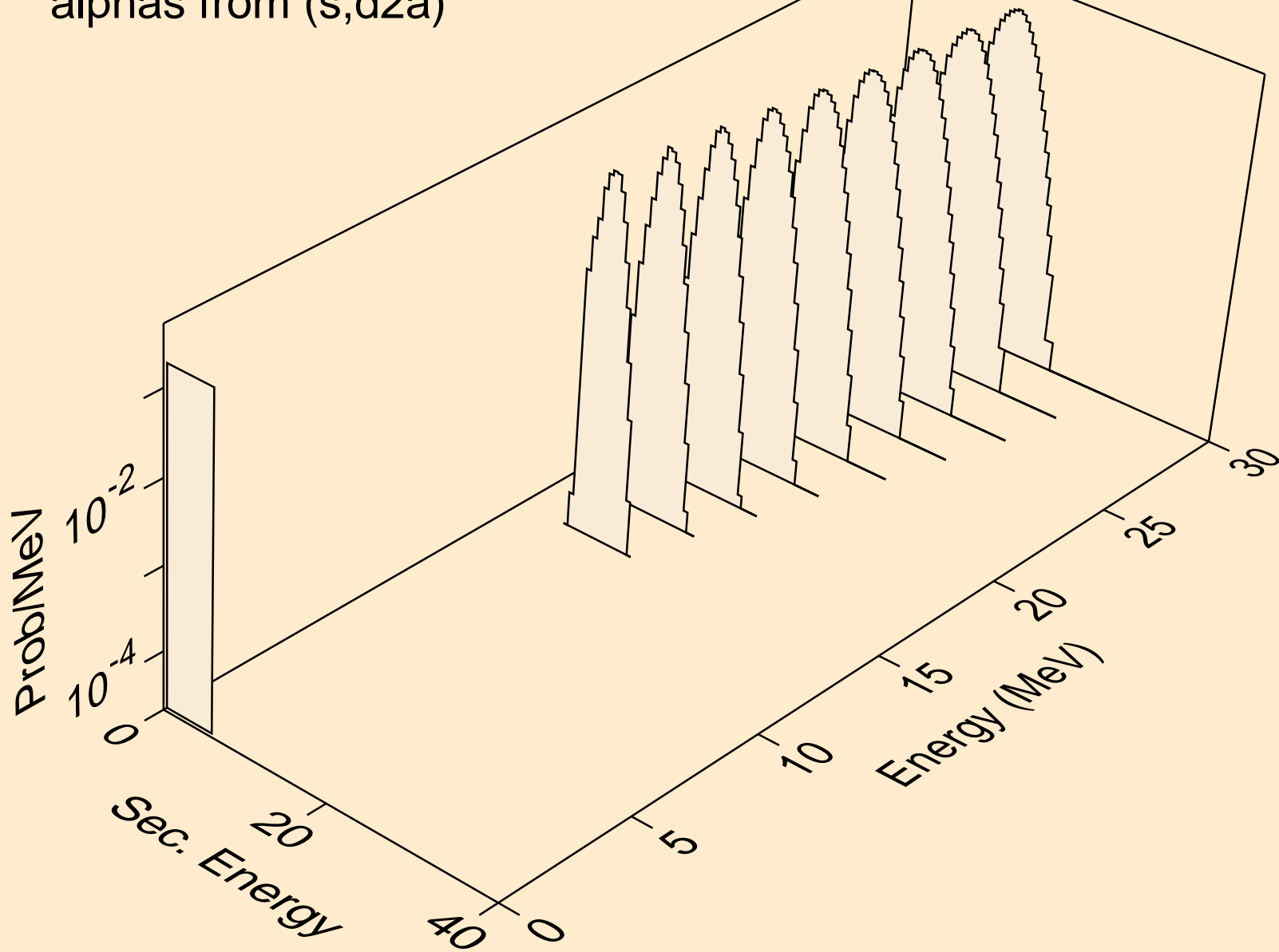
PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)





PT178 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

