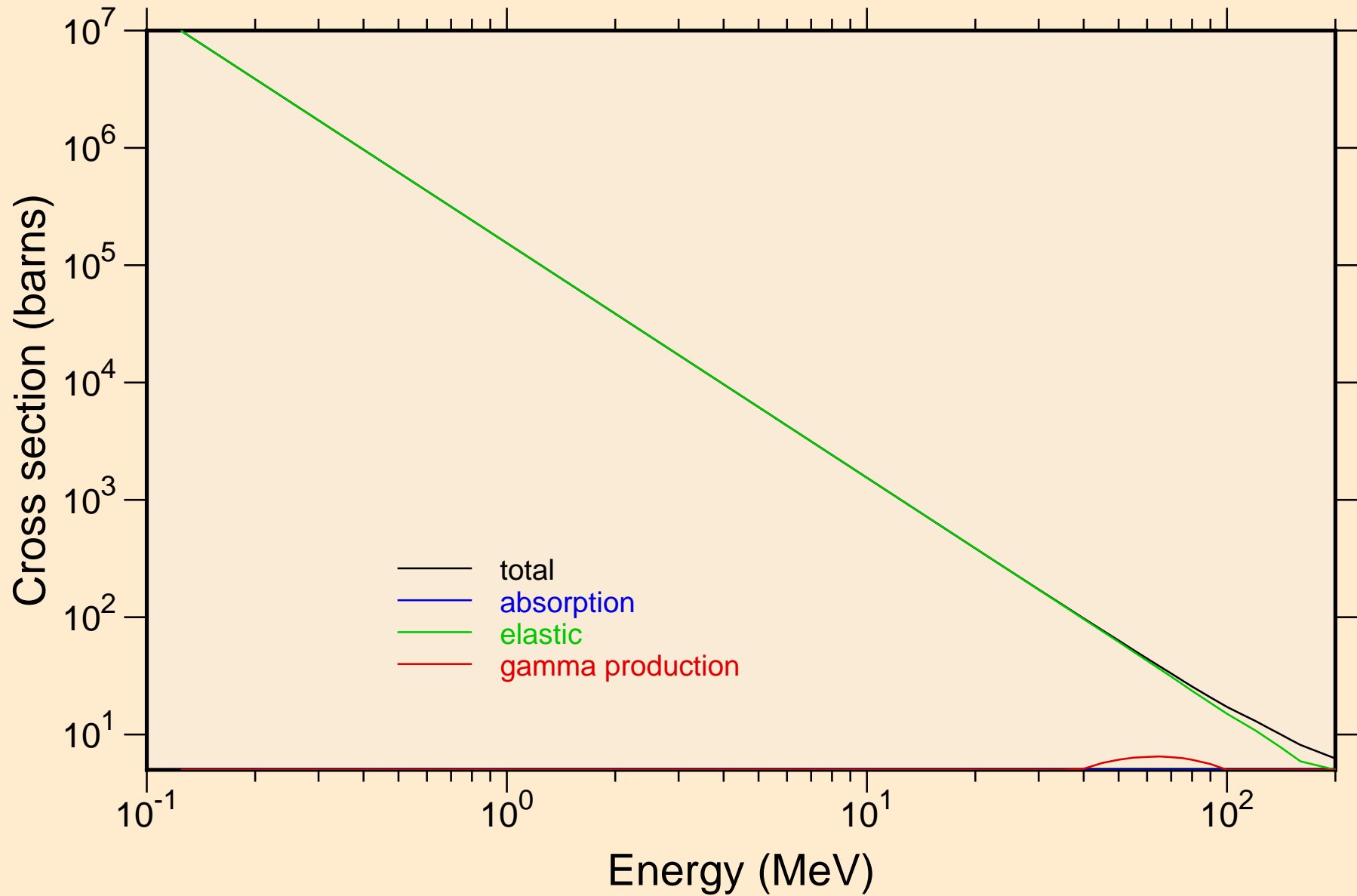
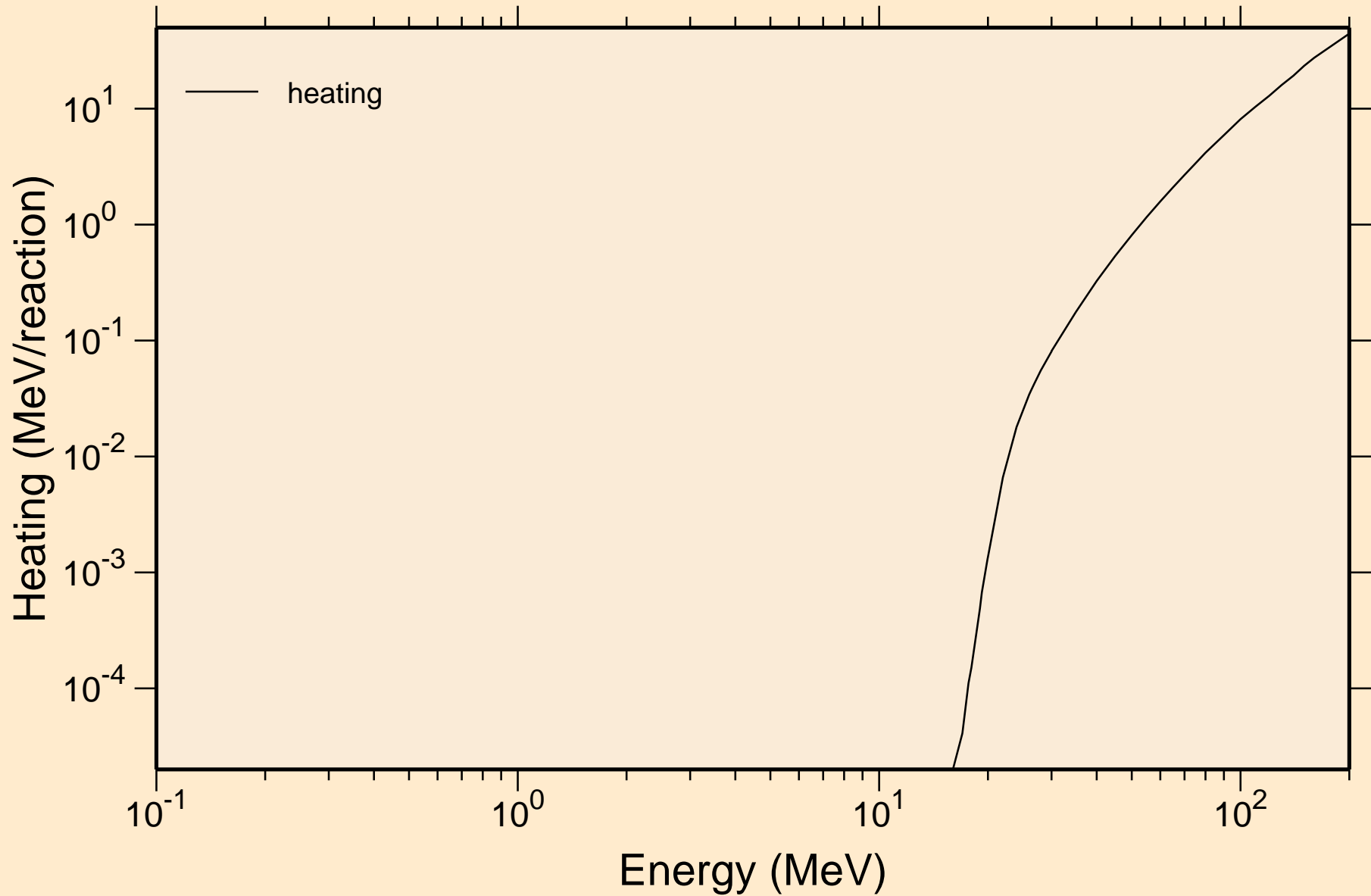


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



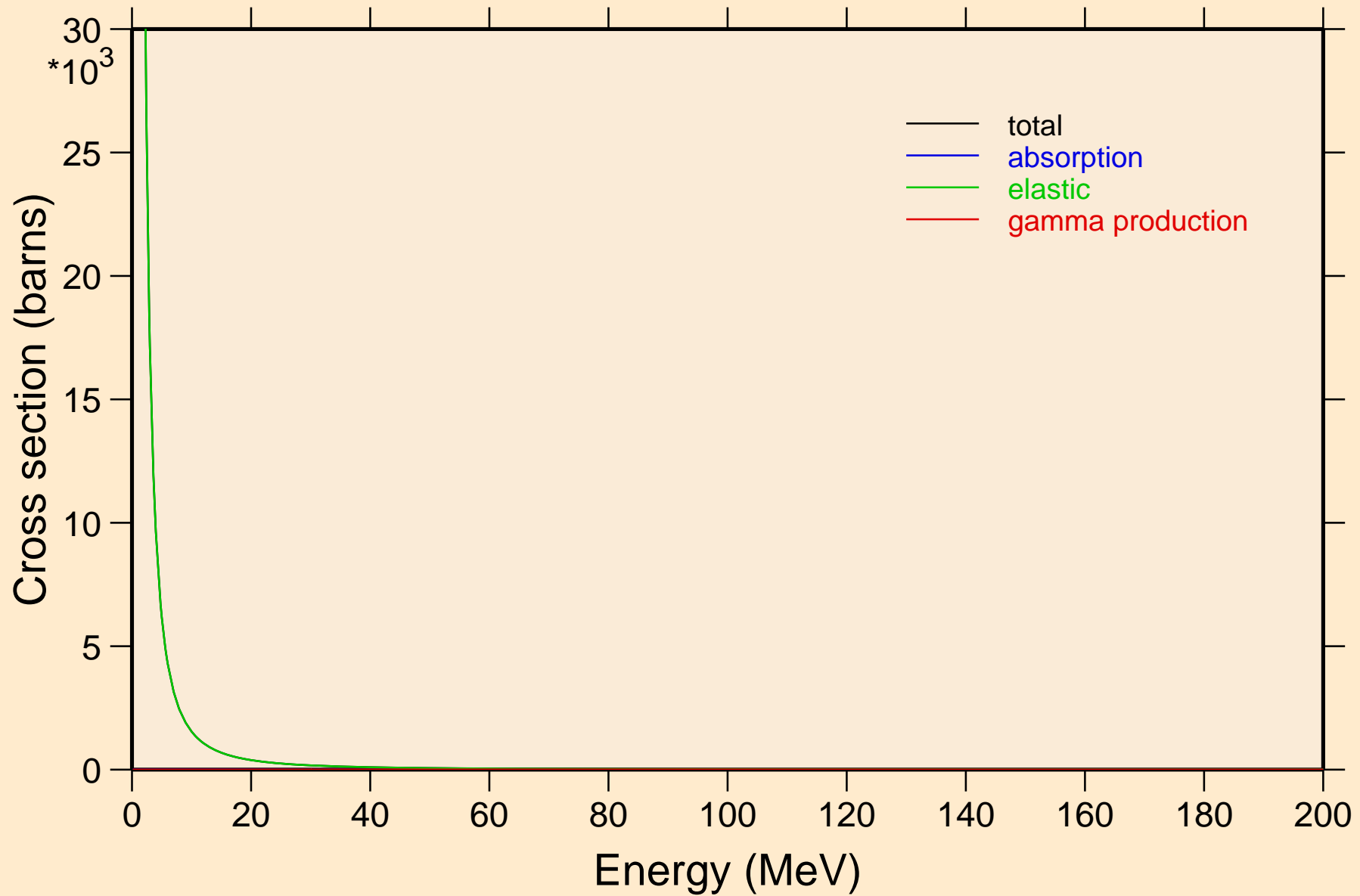
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



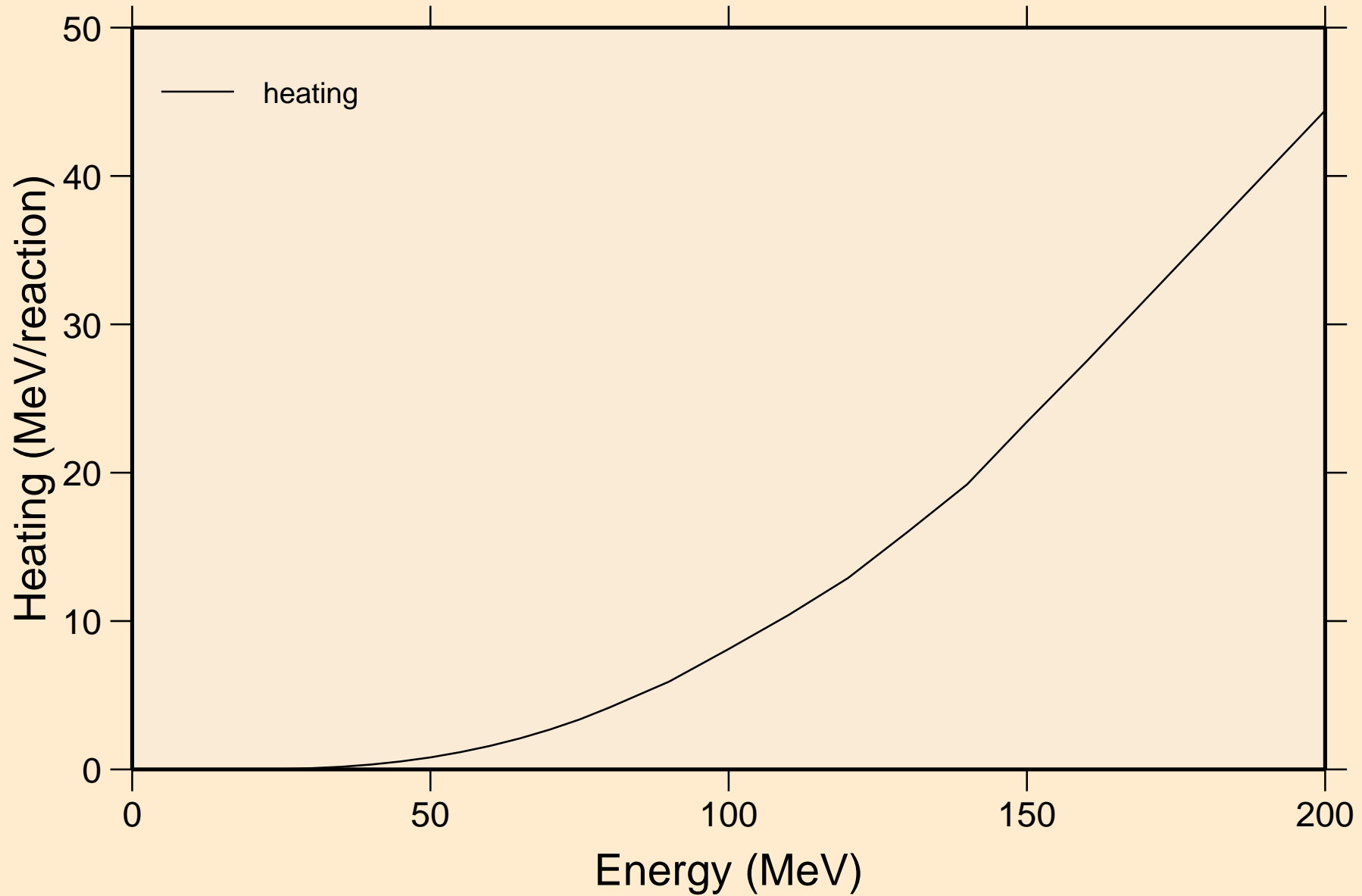
# PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

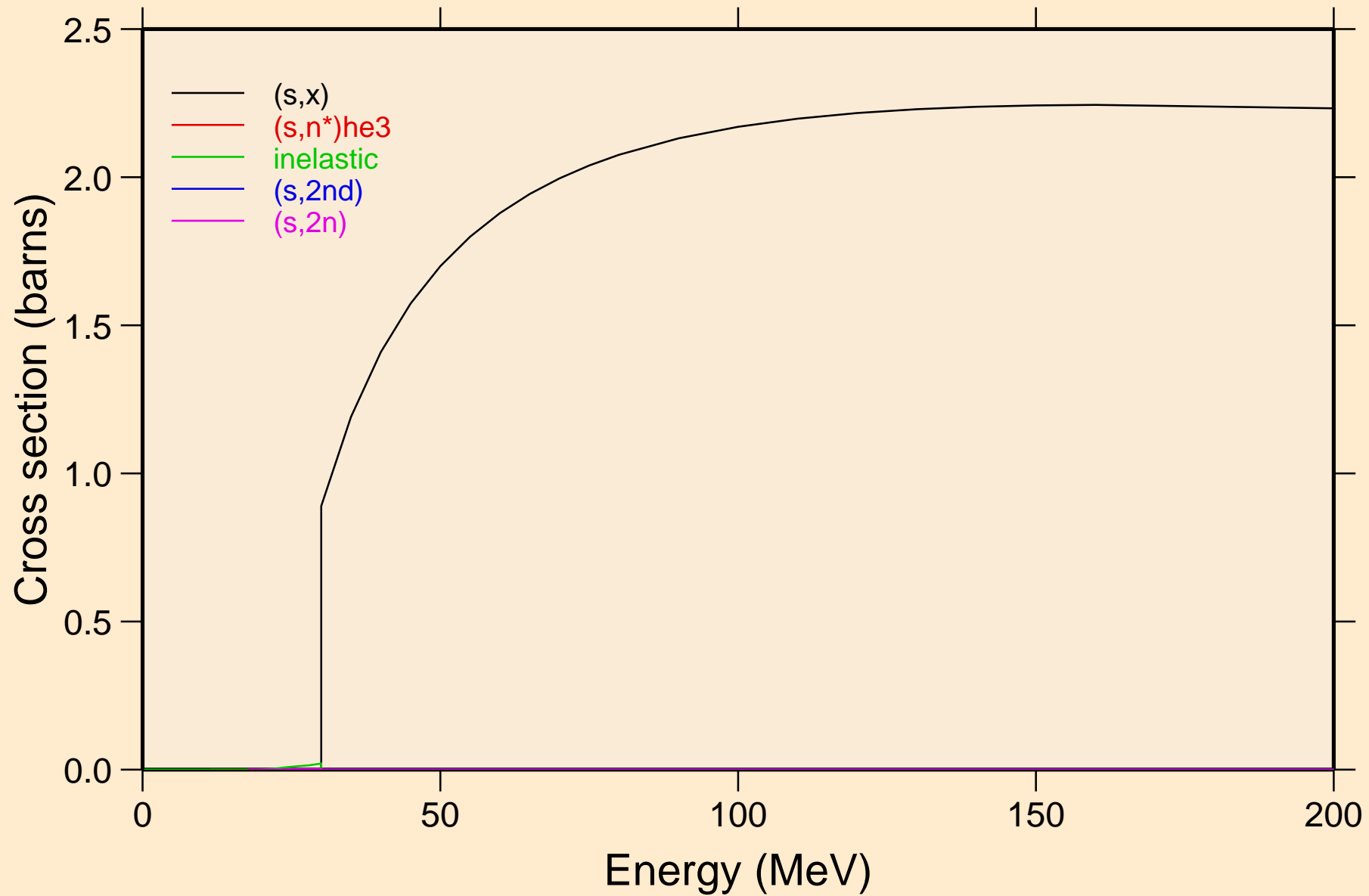


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K

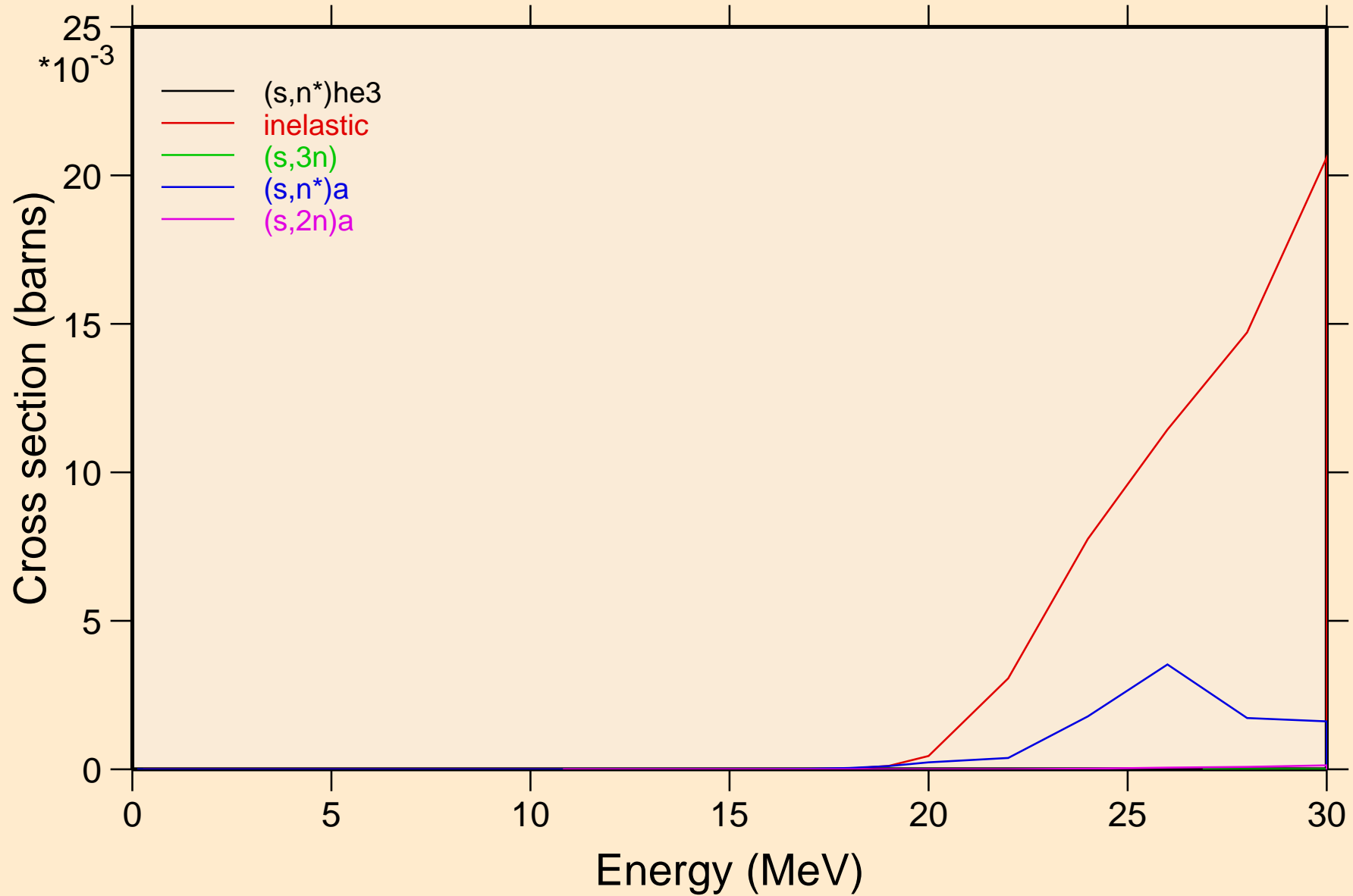
Heating



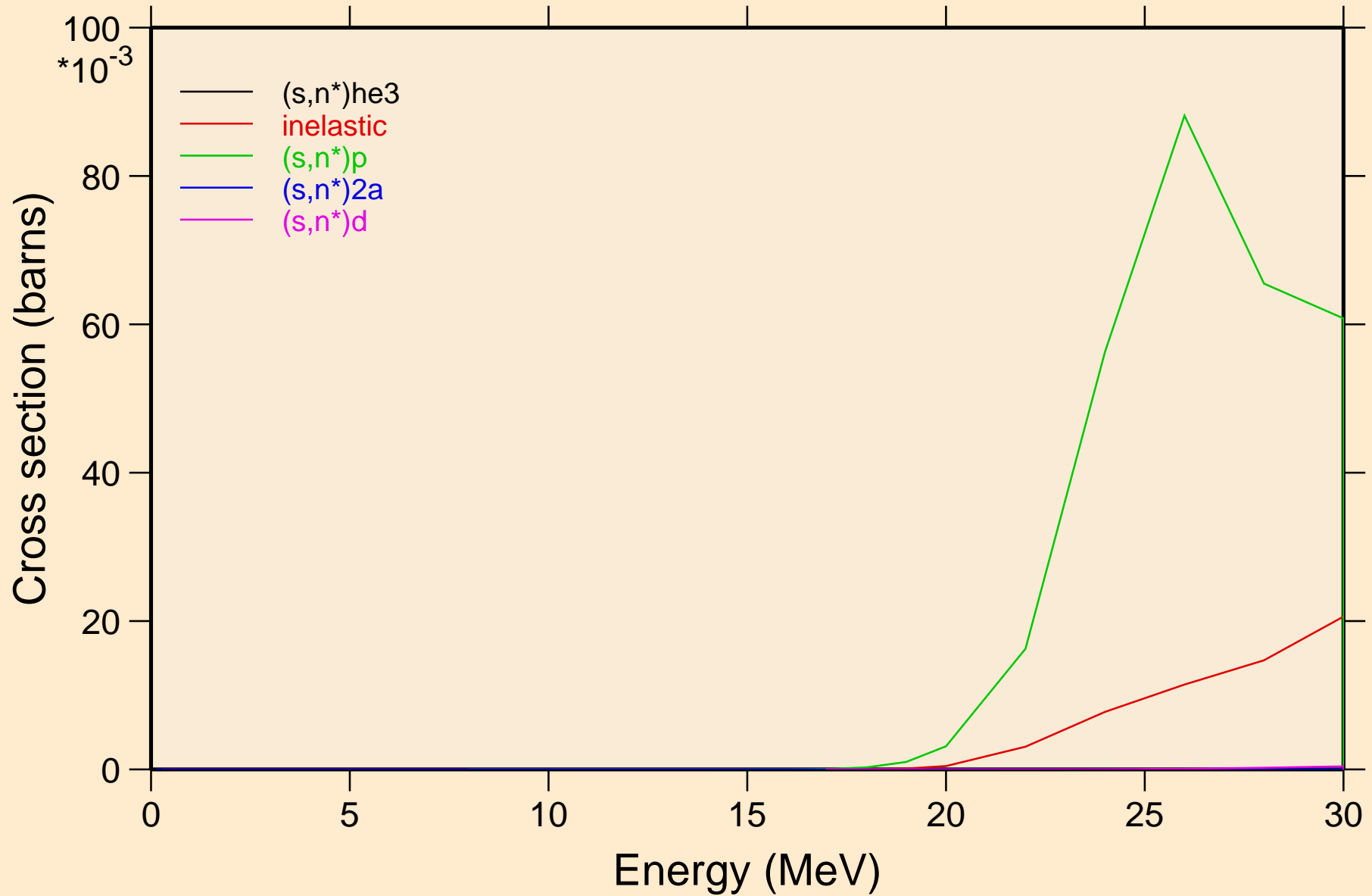
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



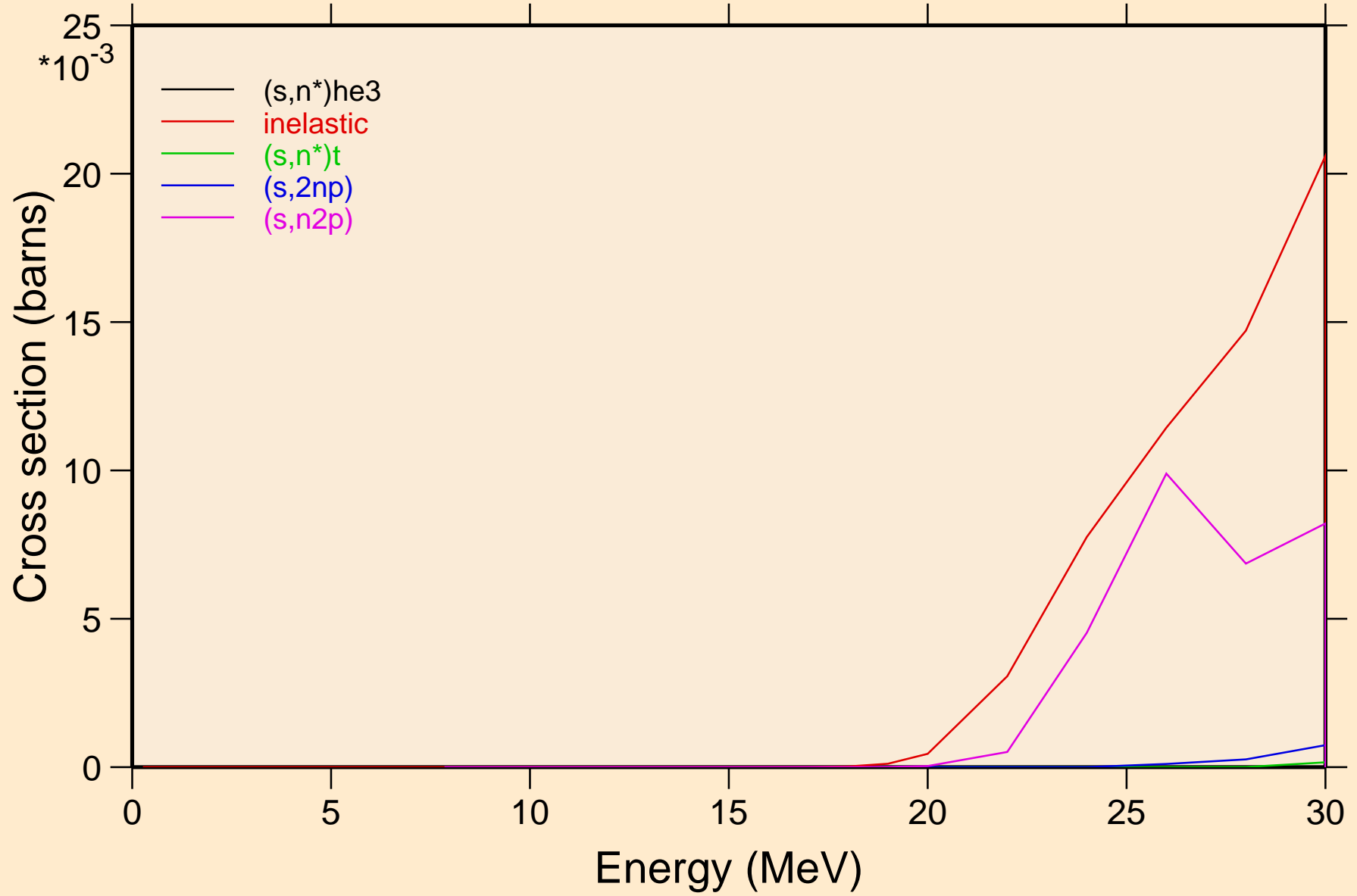
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

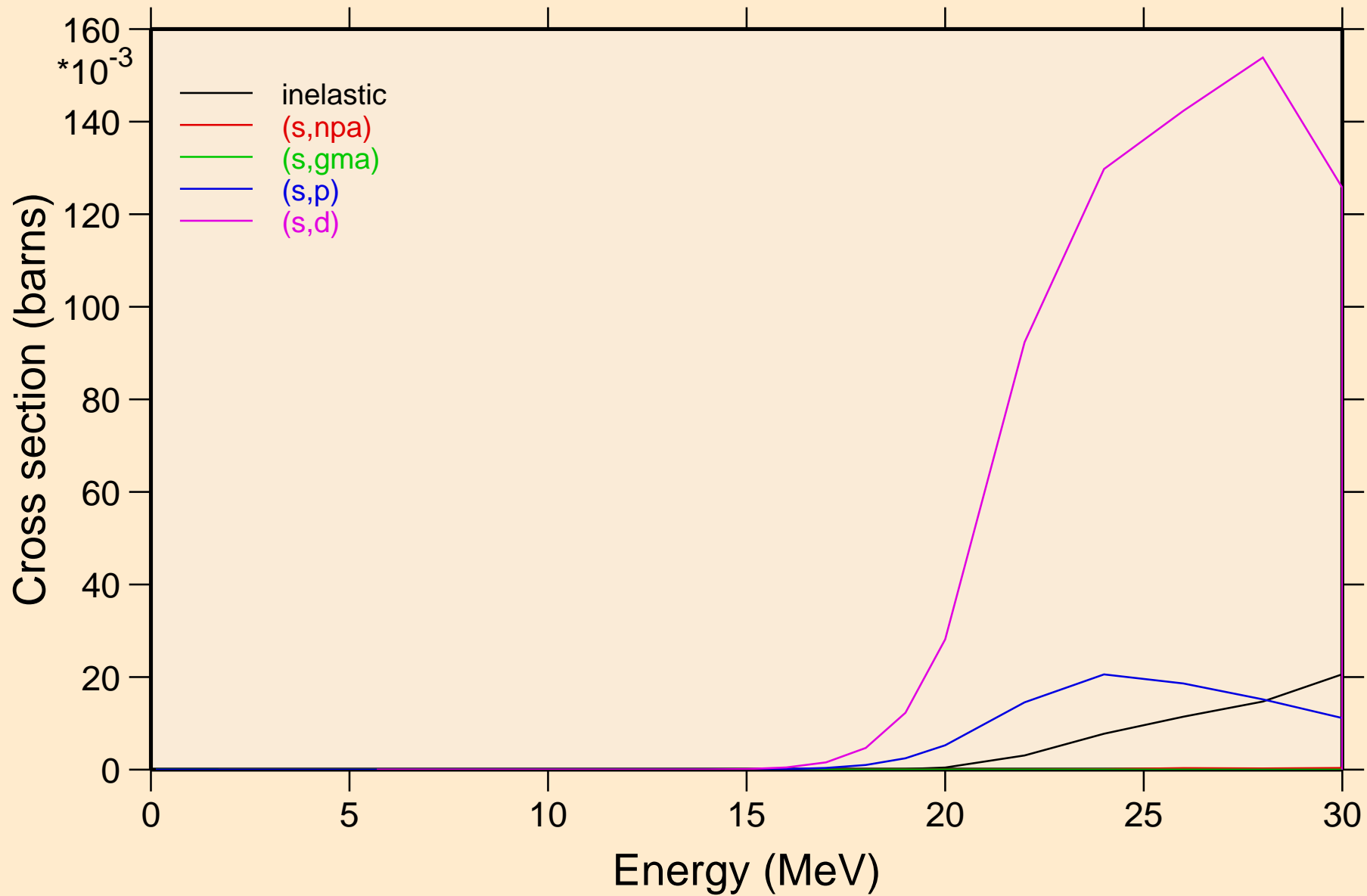


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

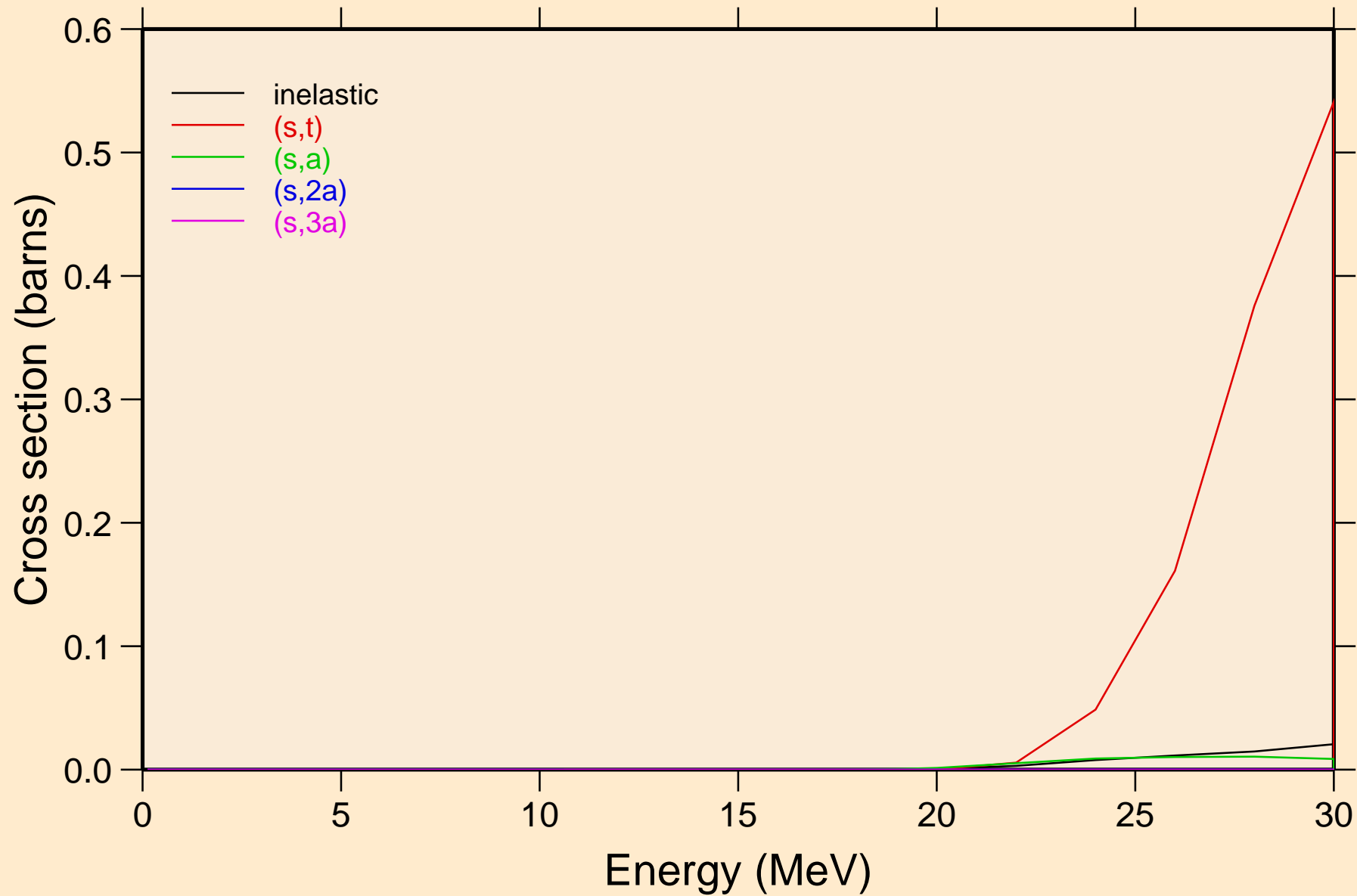




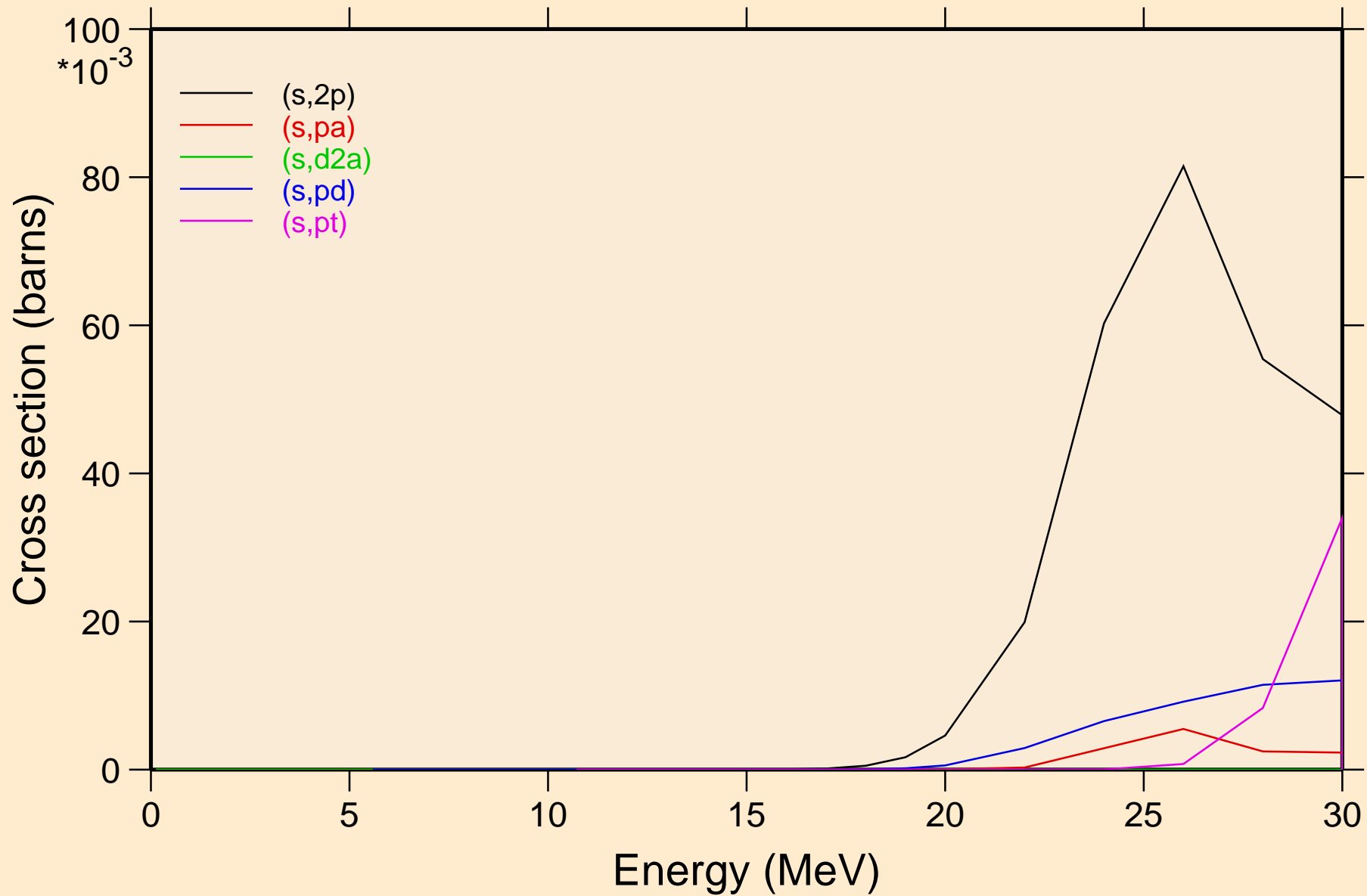
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



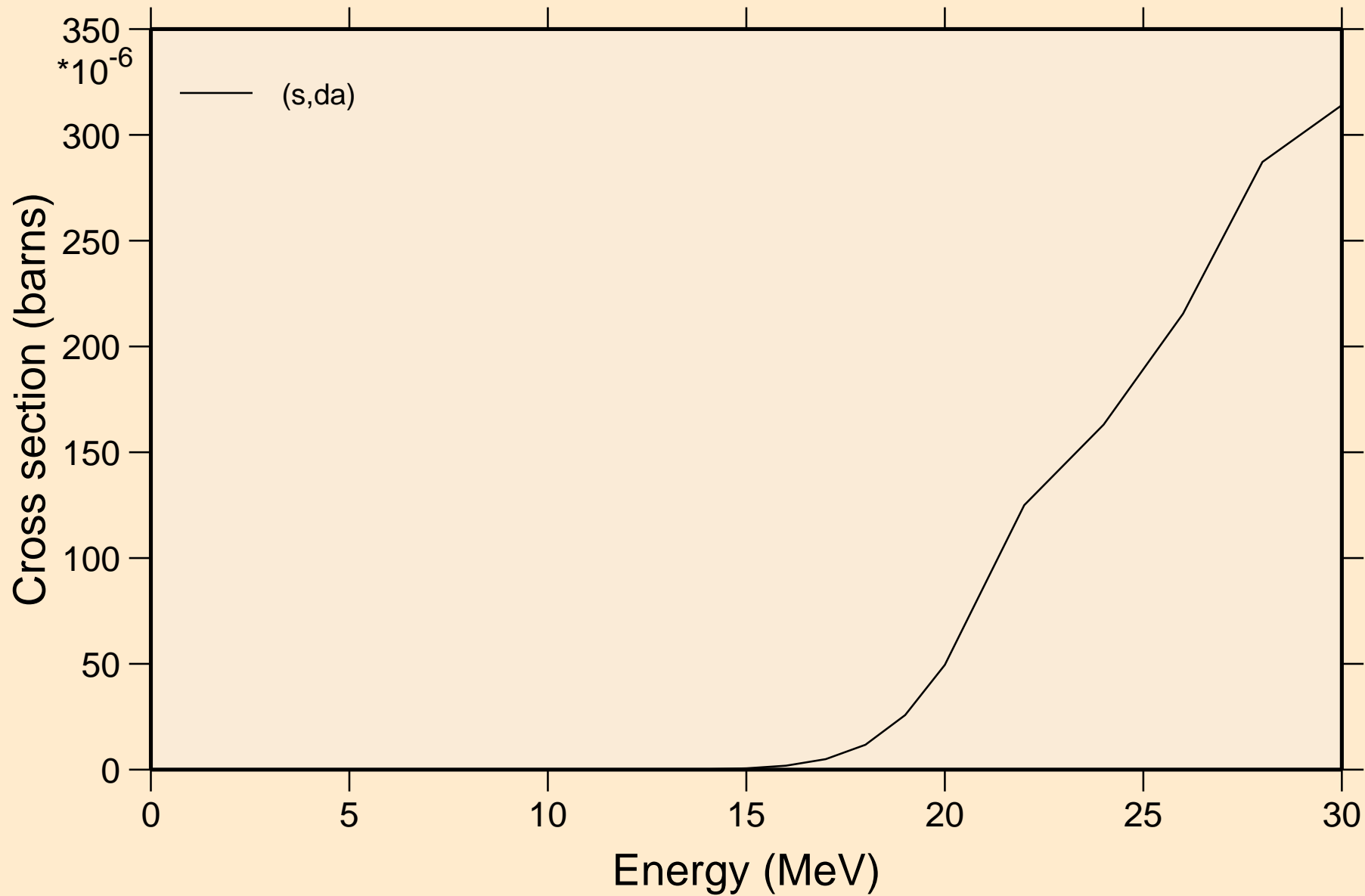
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



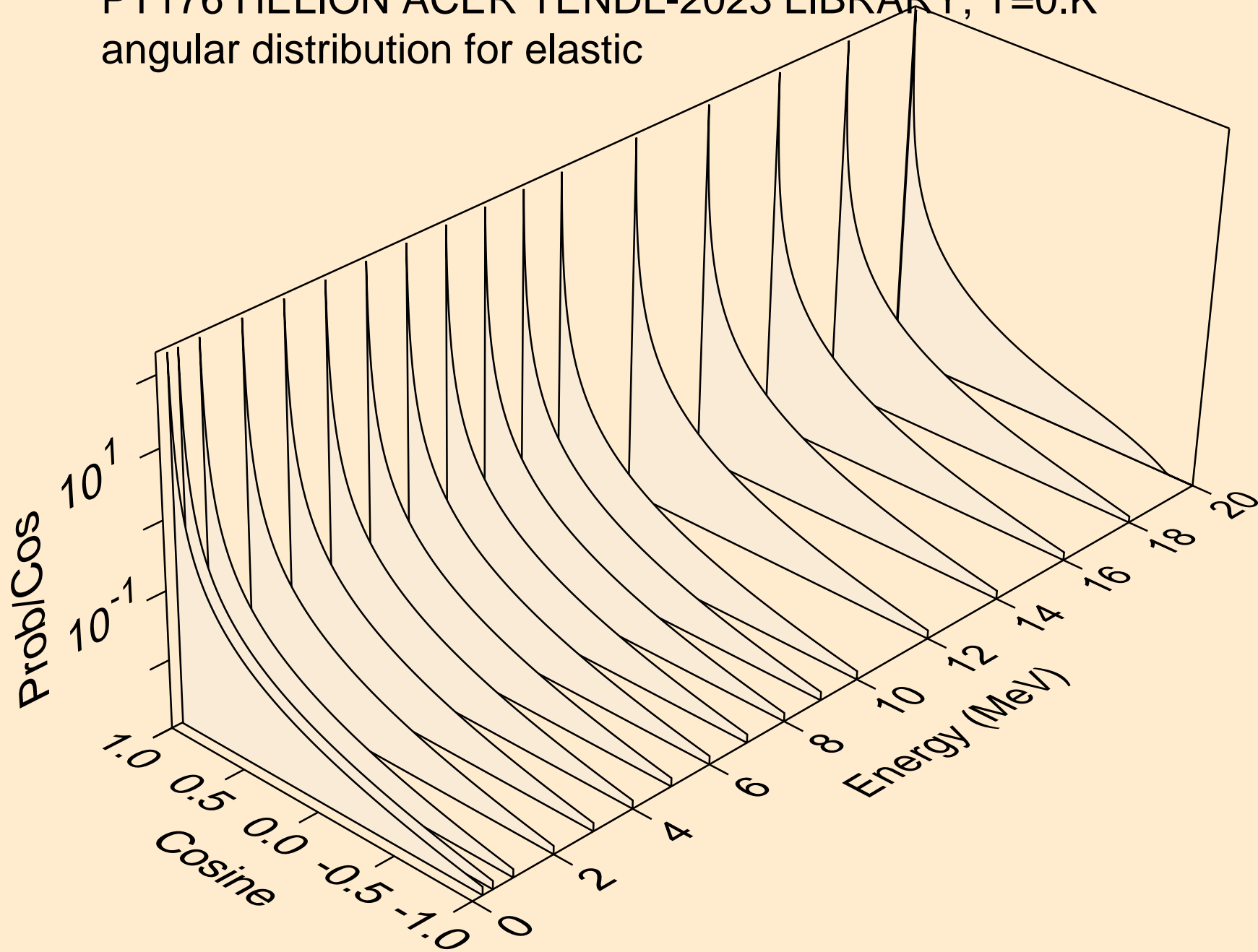
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



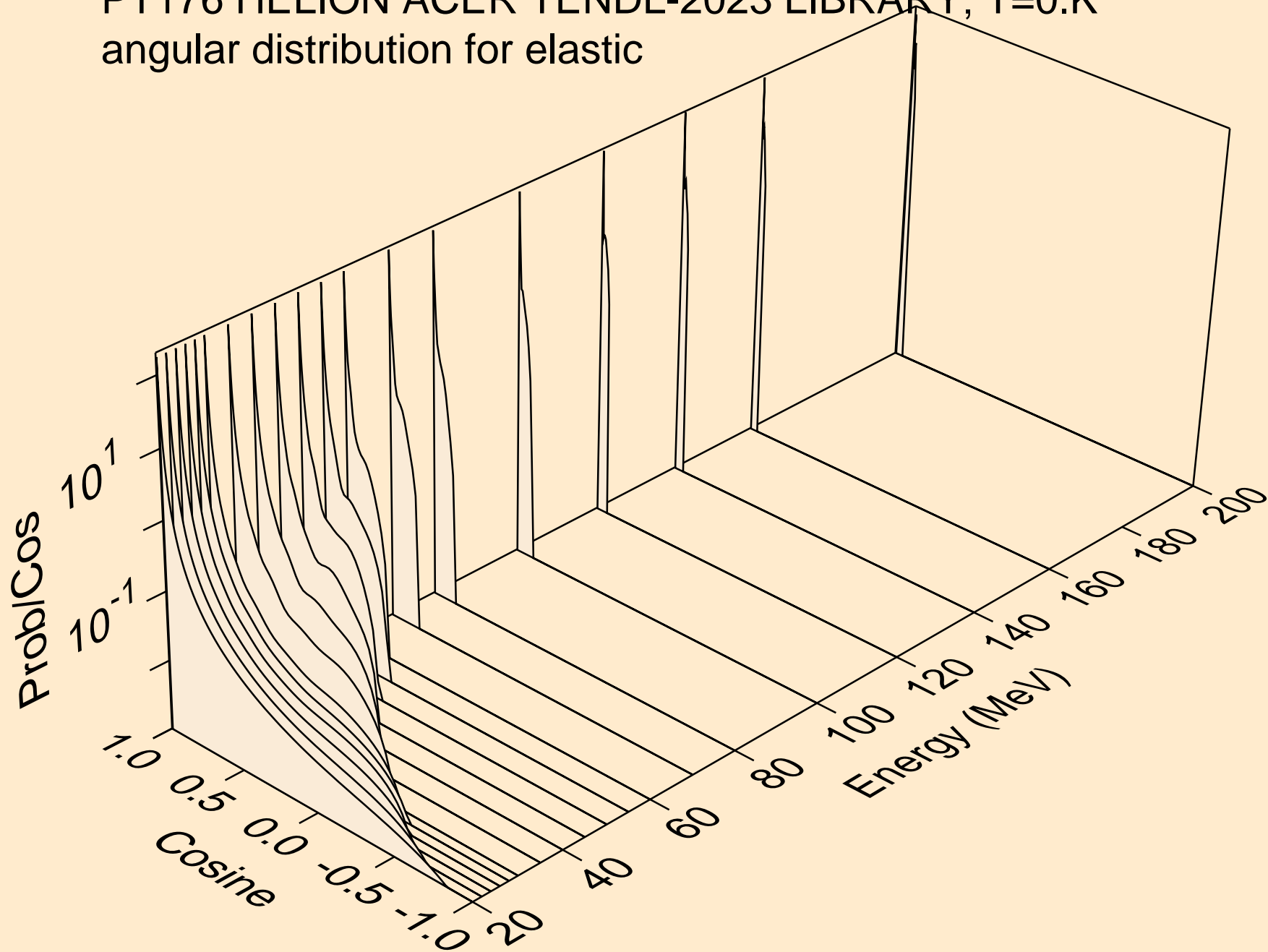
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



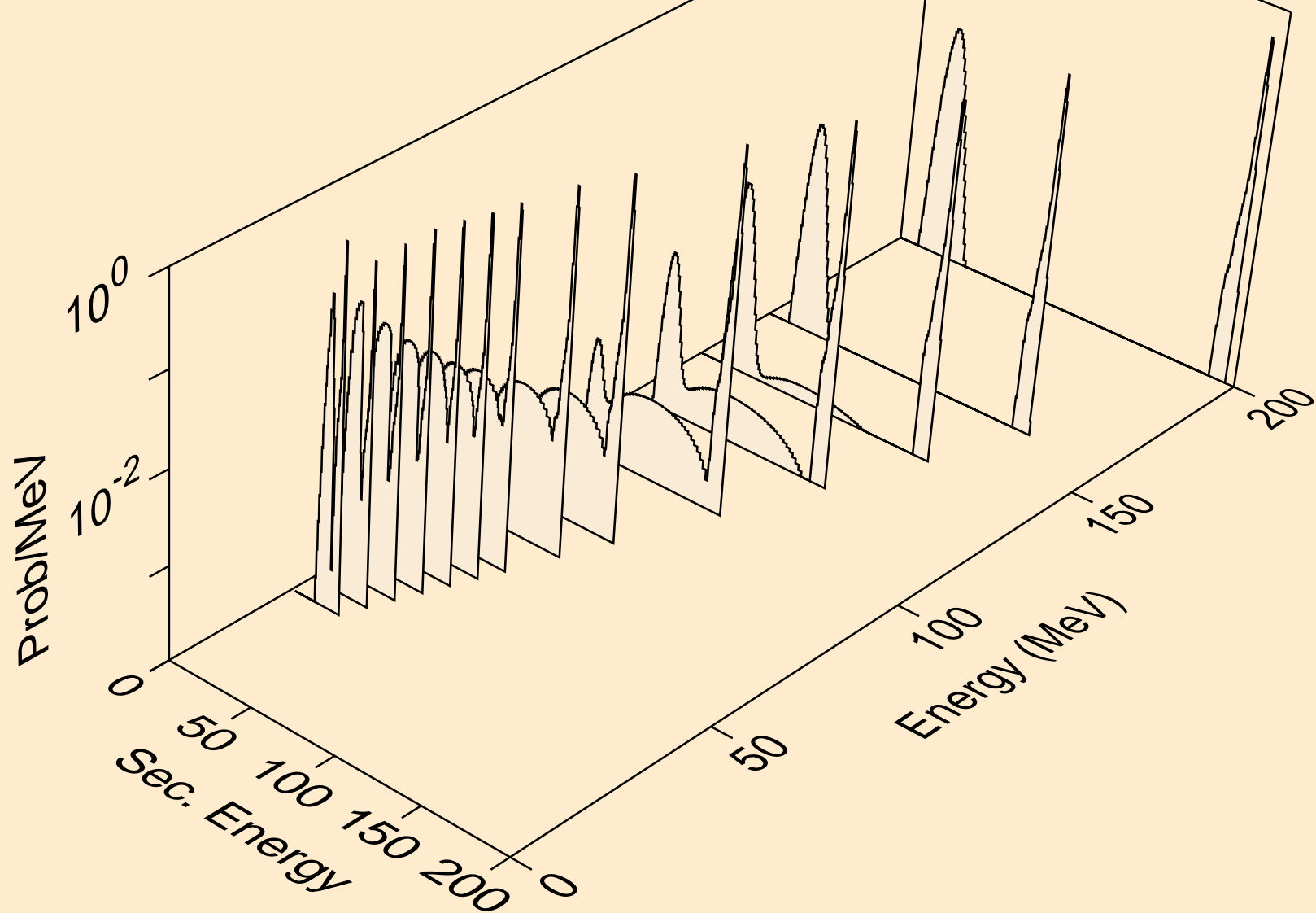
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



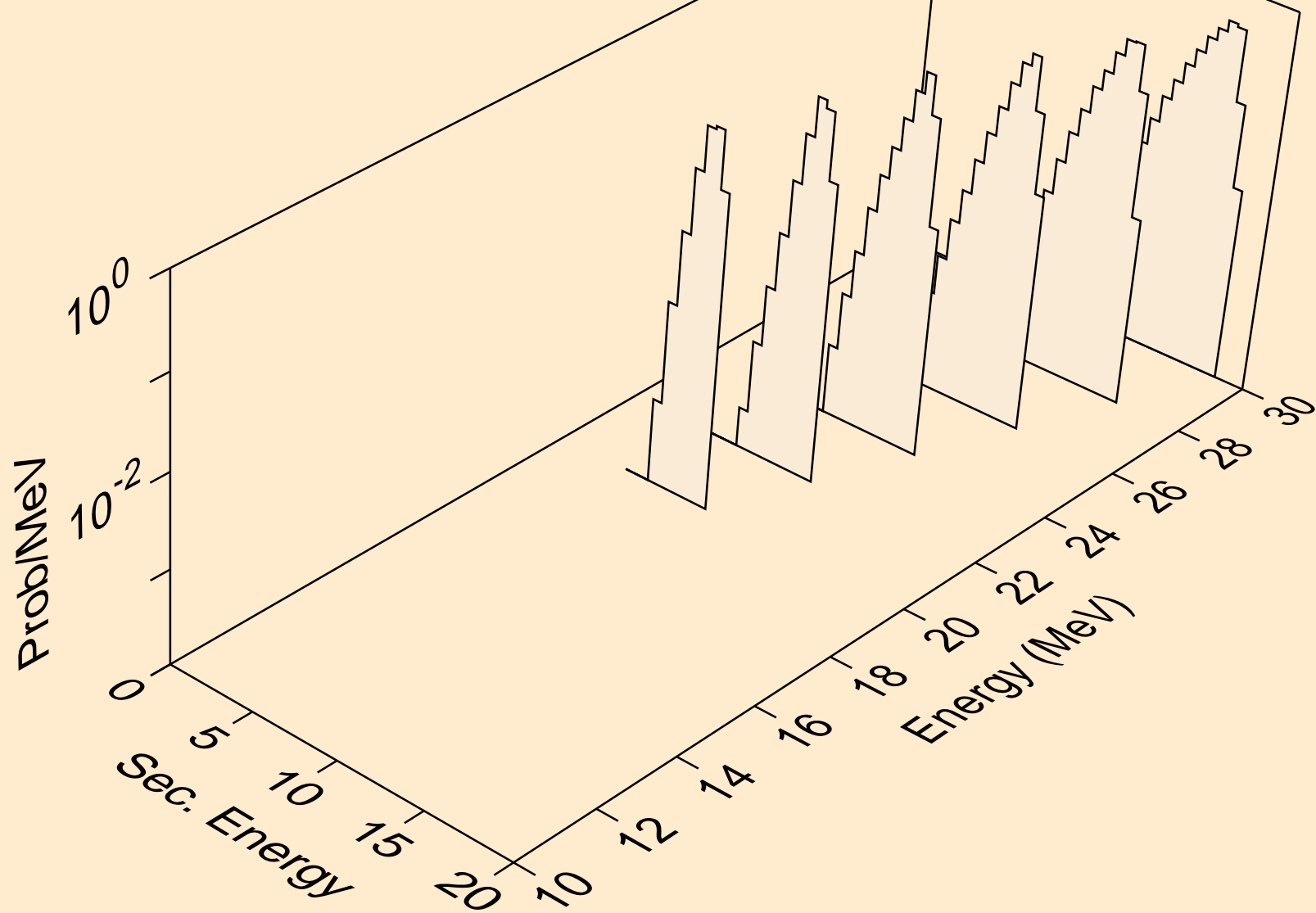
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

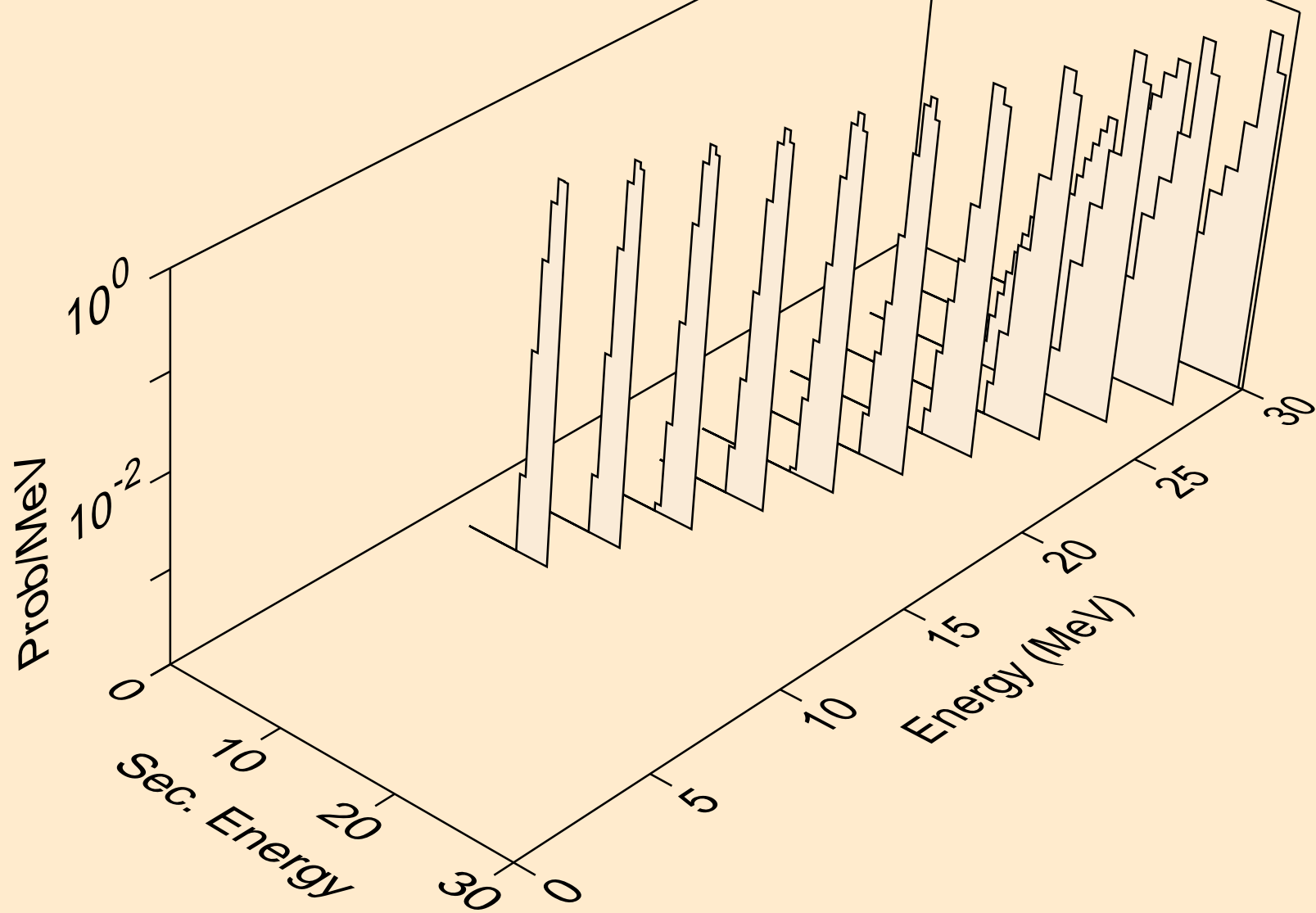


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

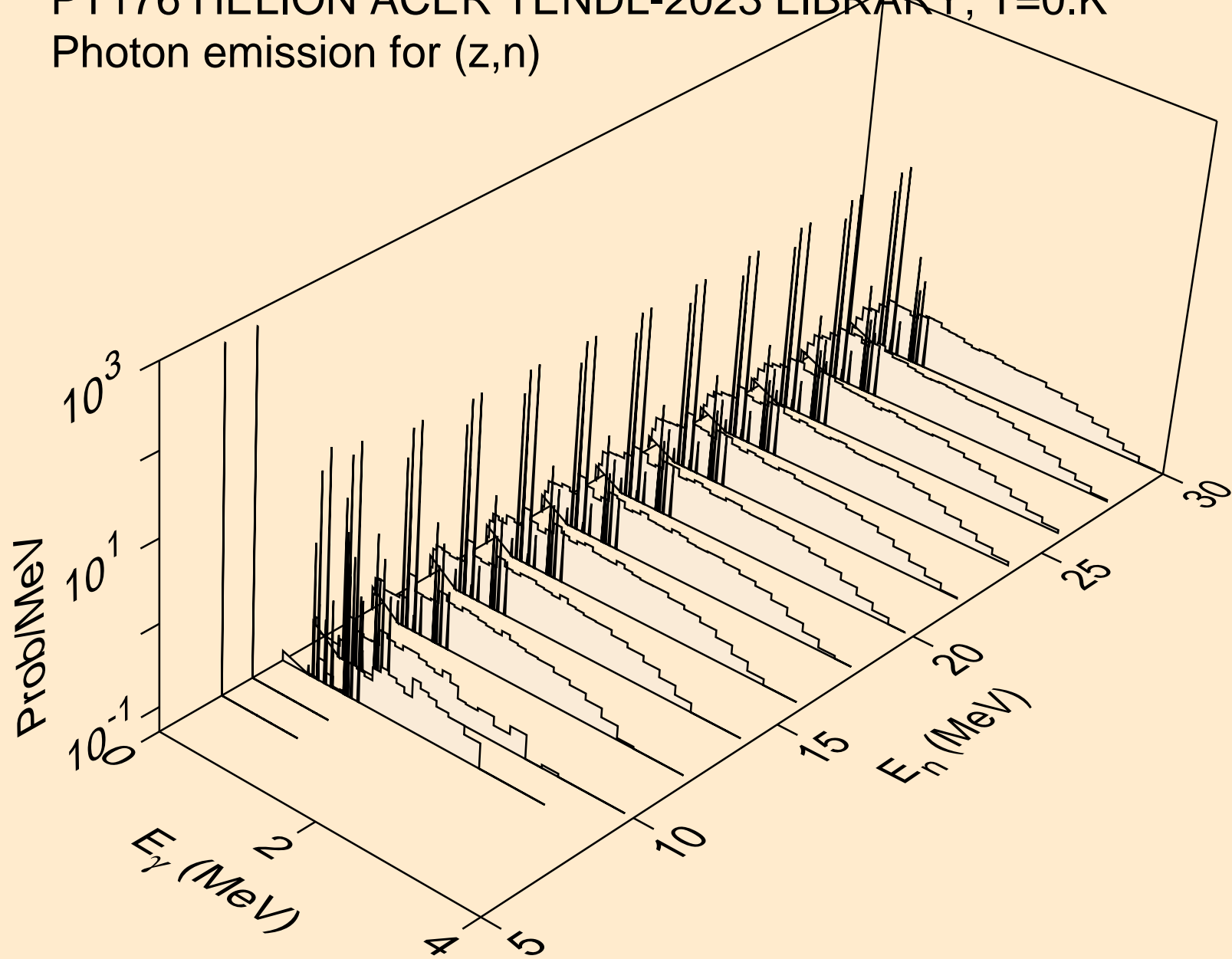




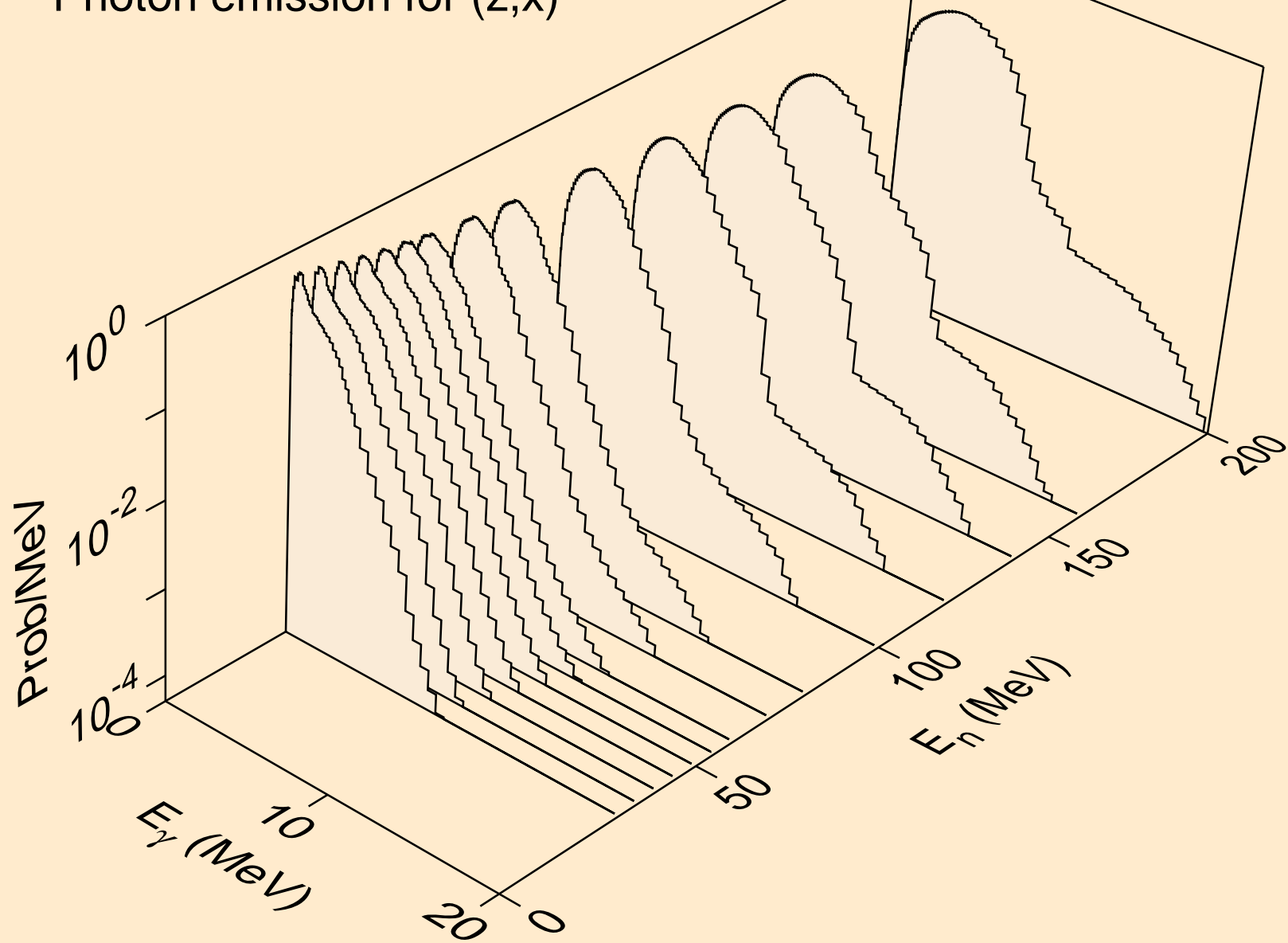
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



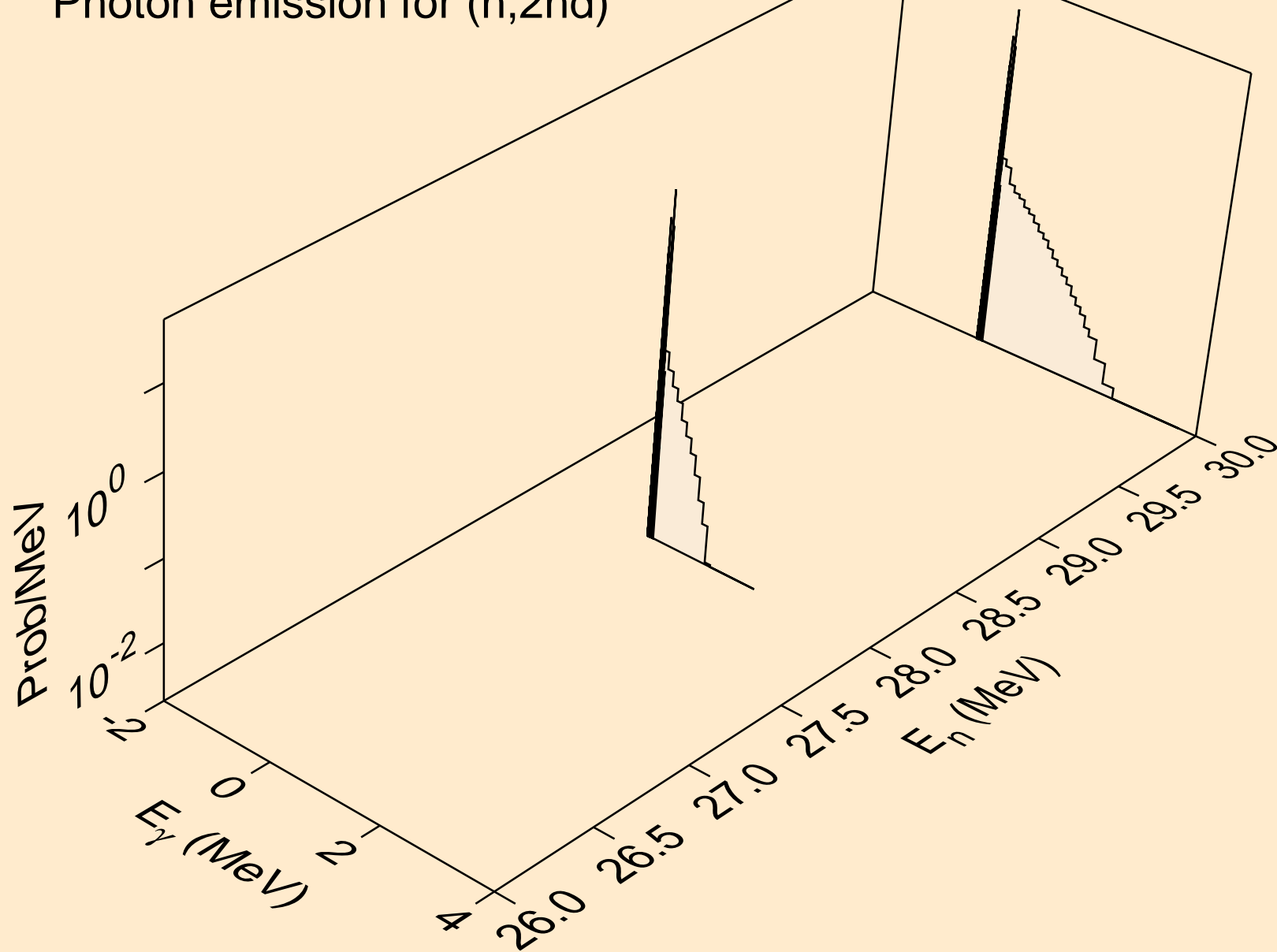
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



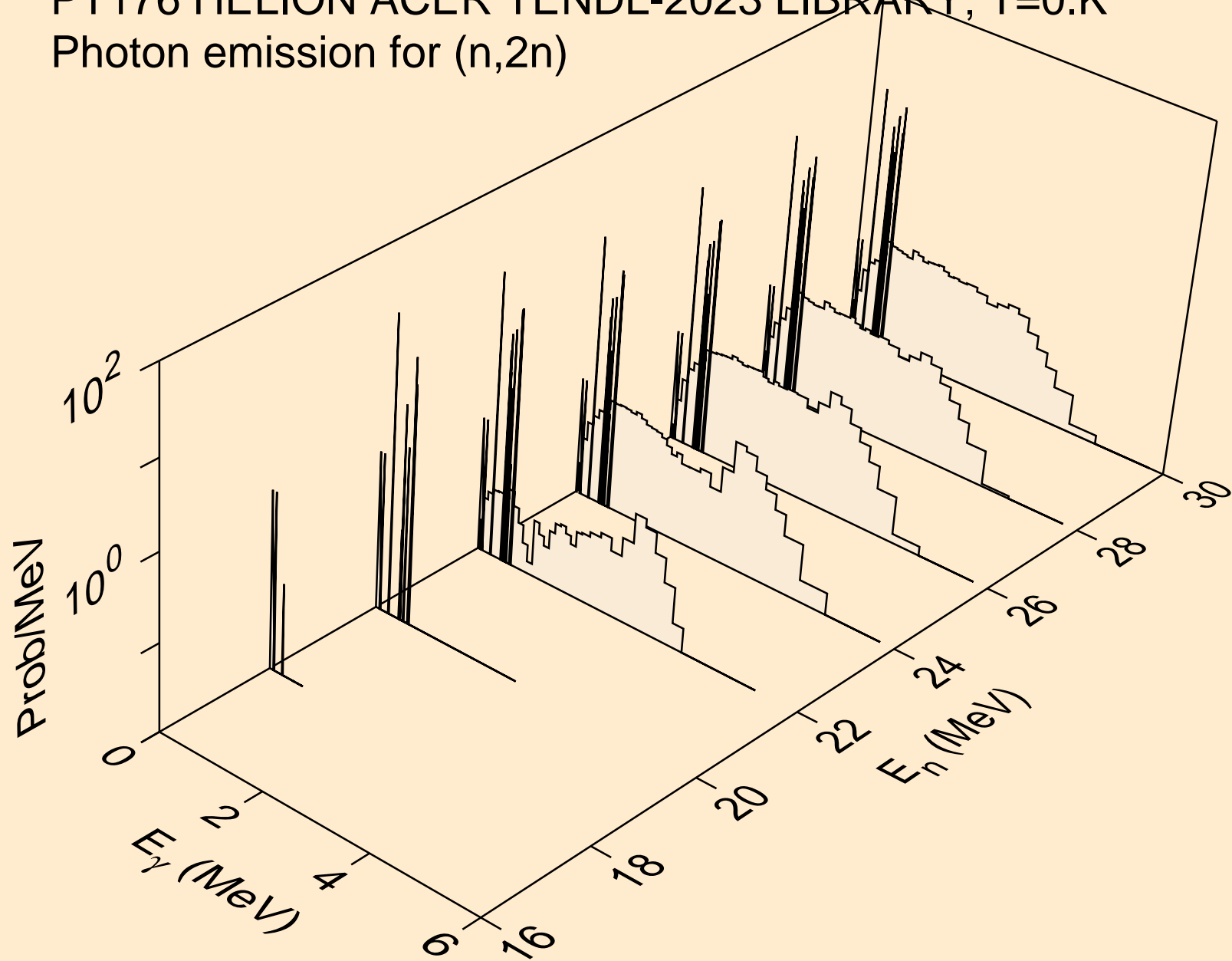
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



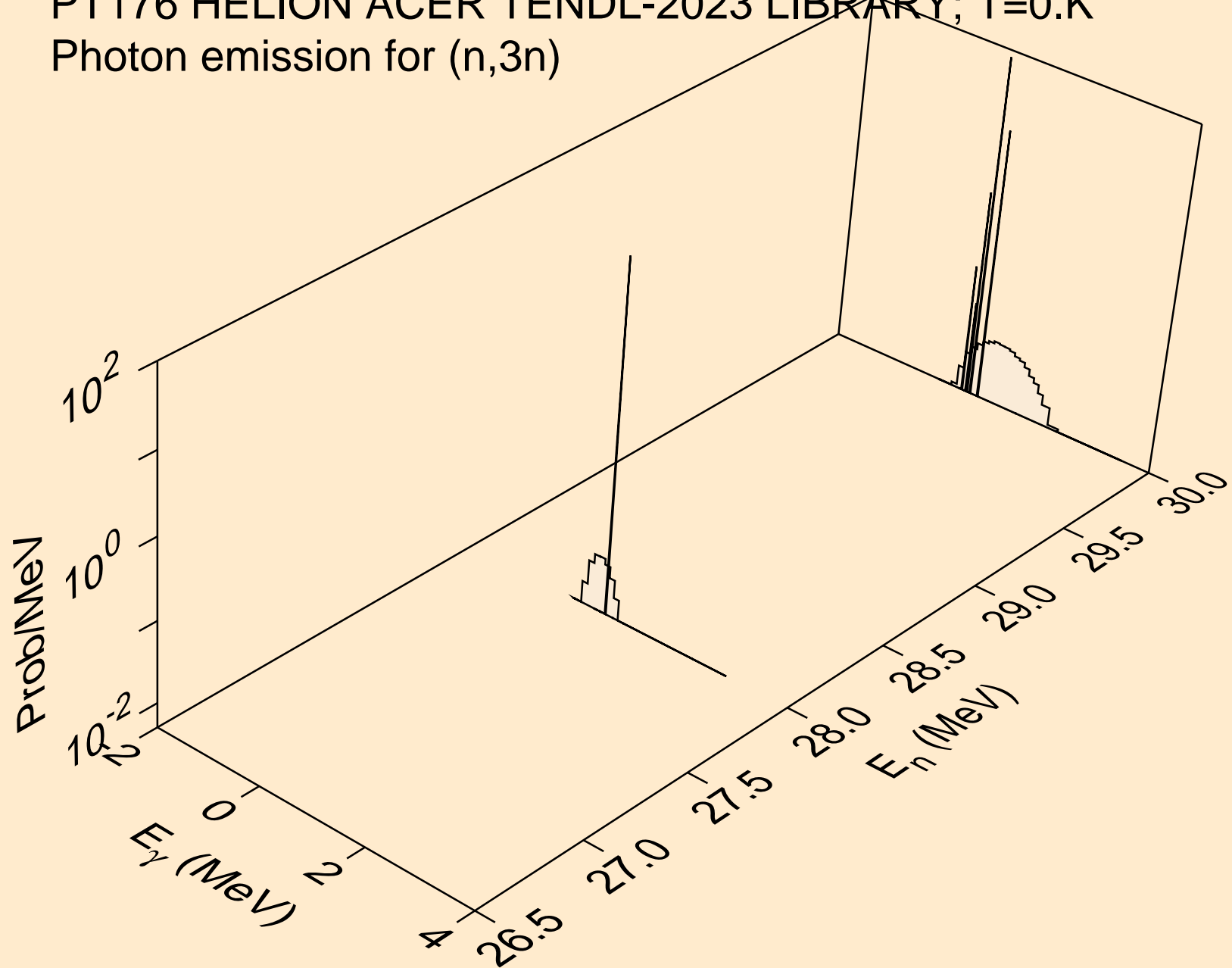
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



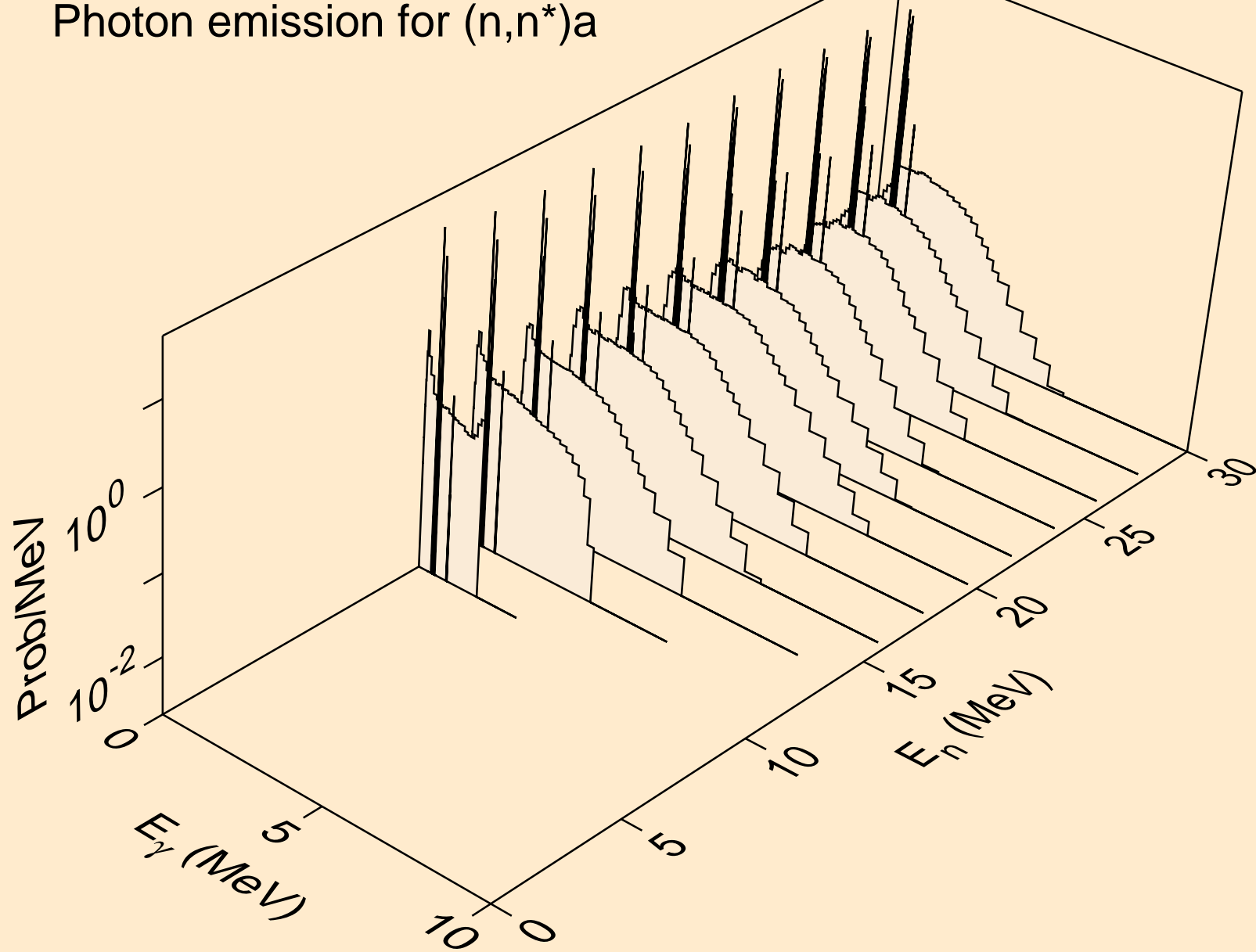
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



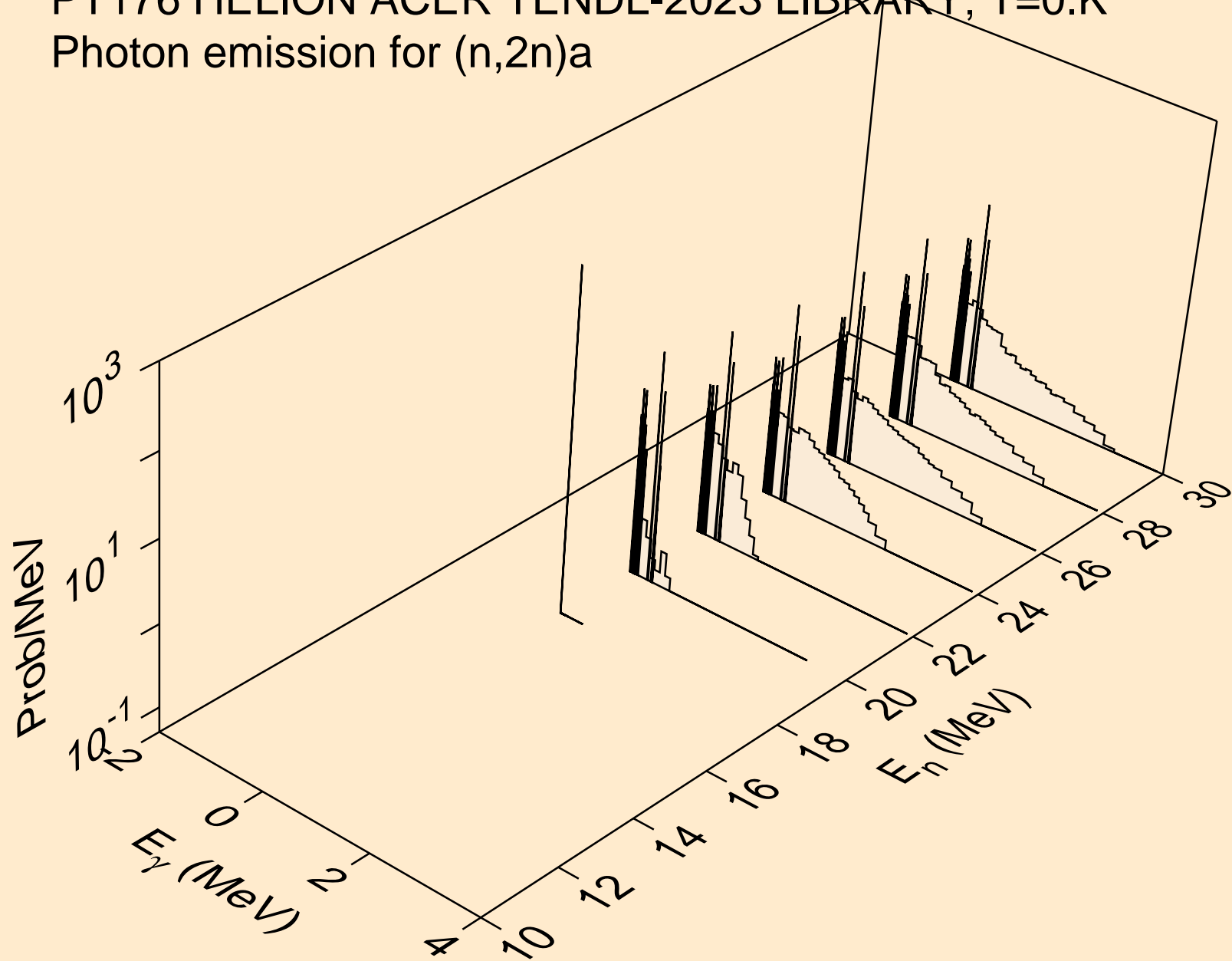
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

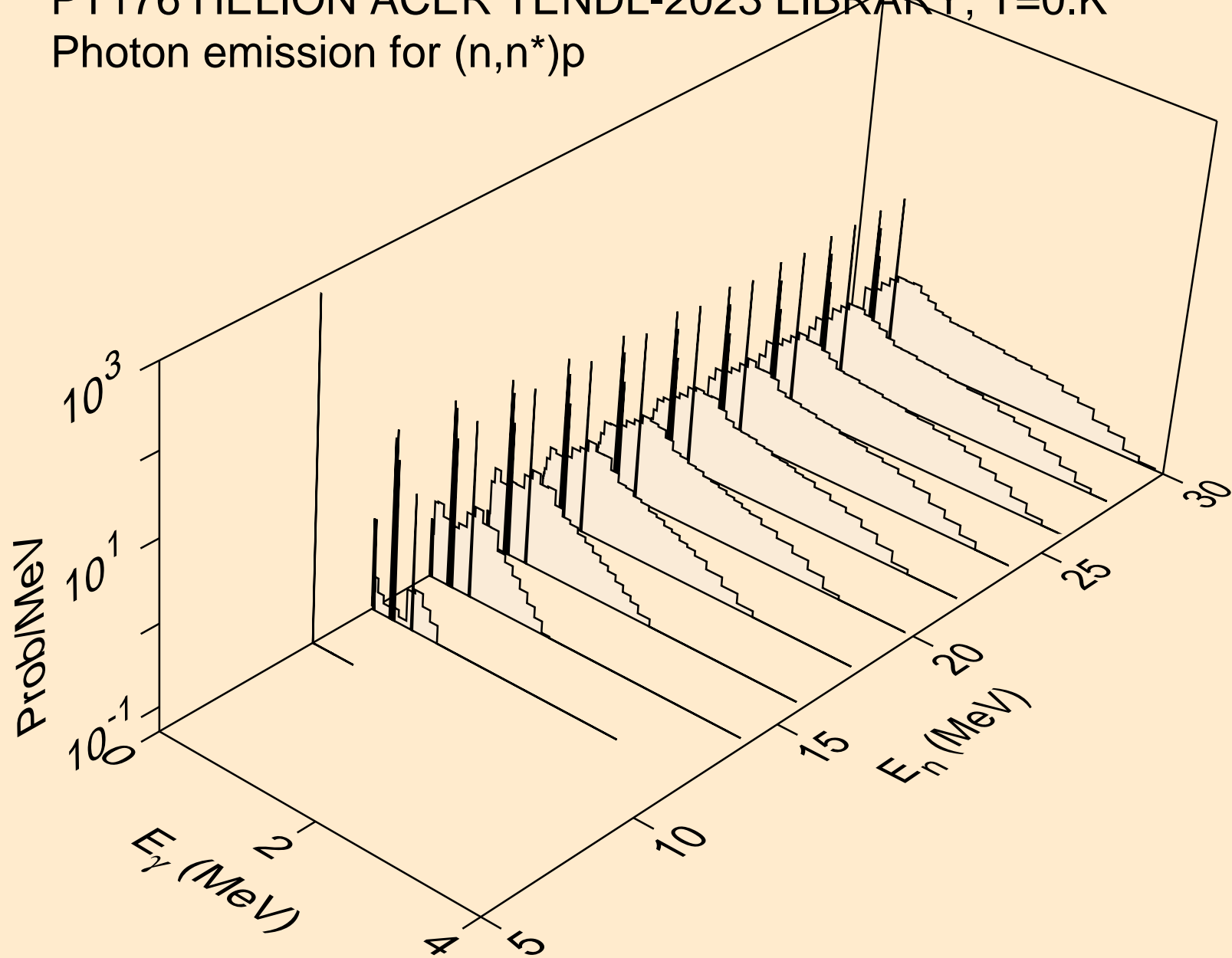


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

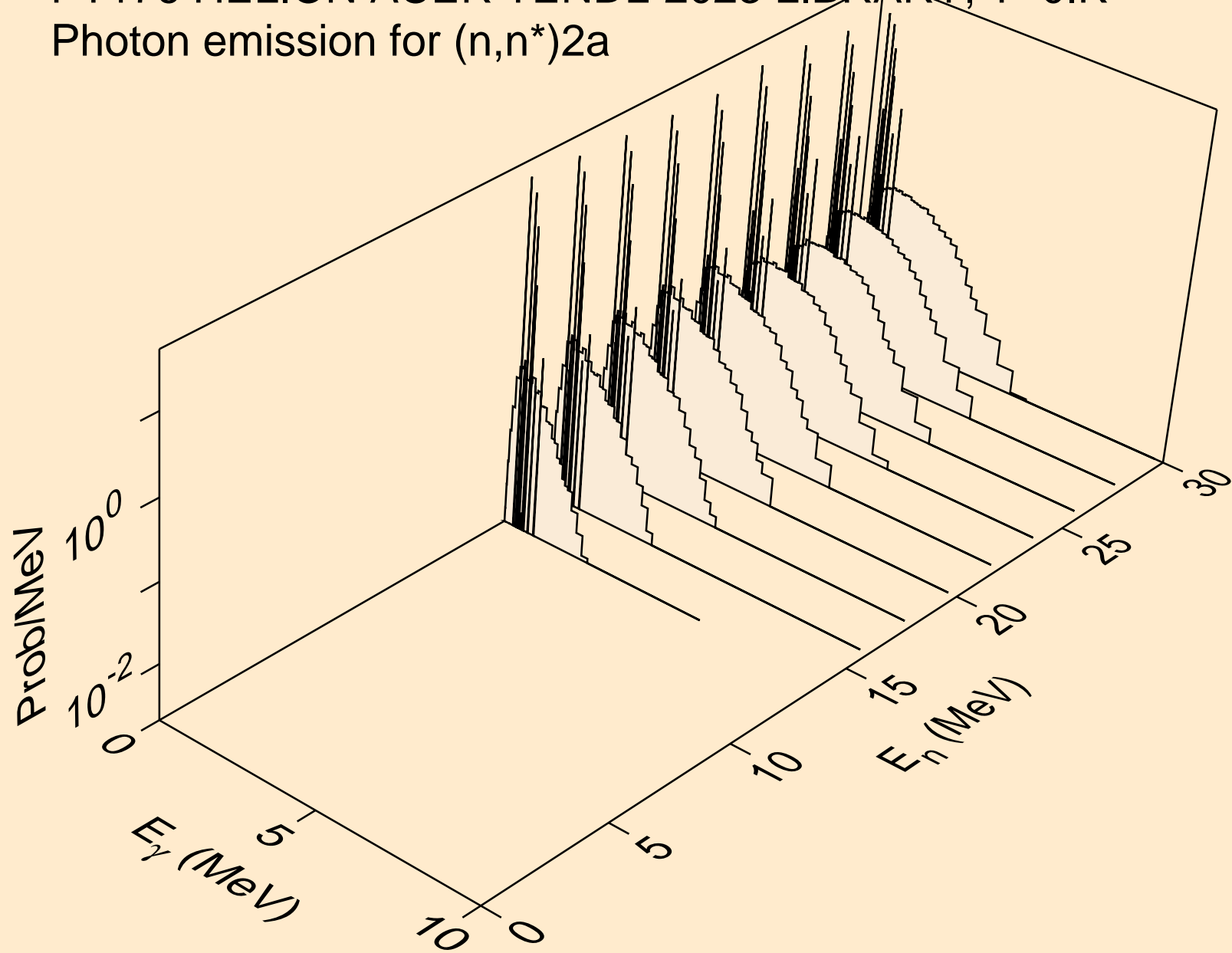




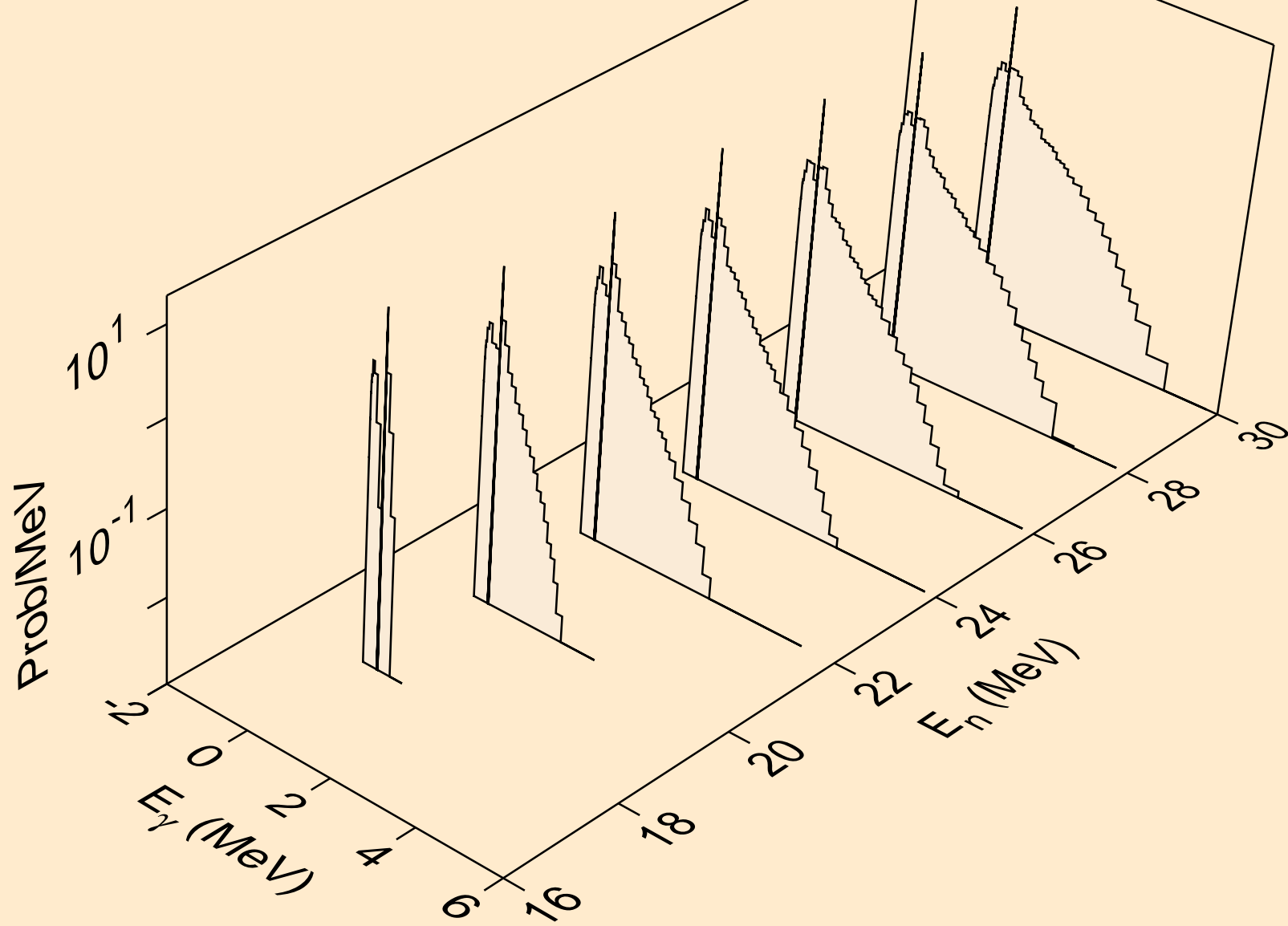
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



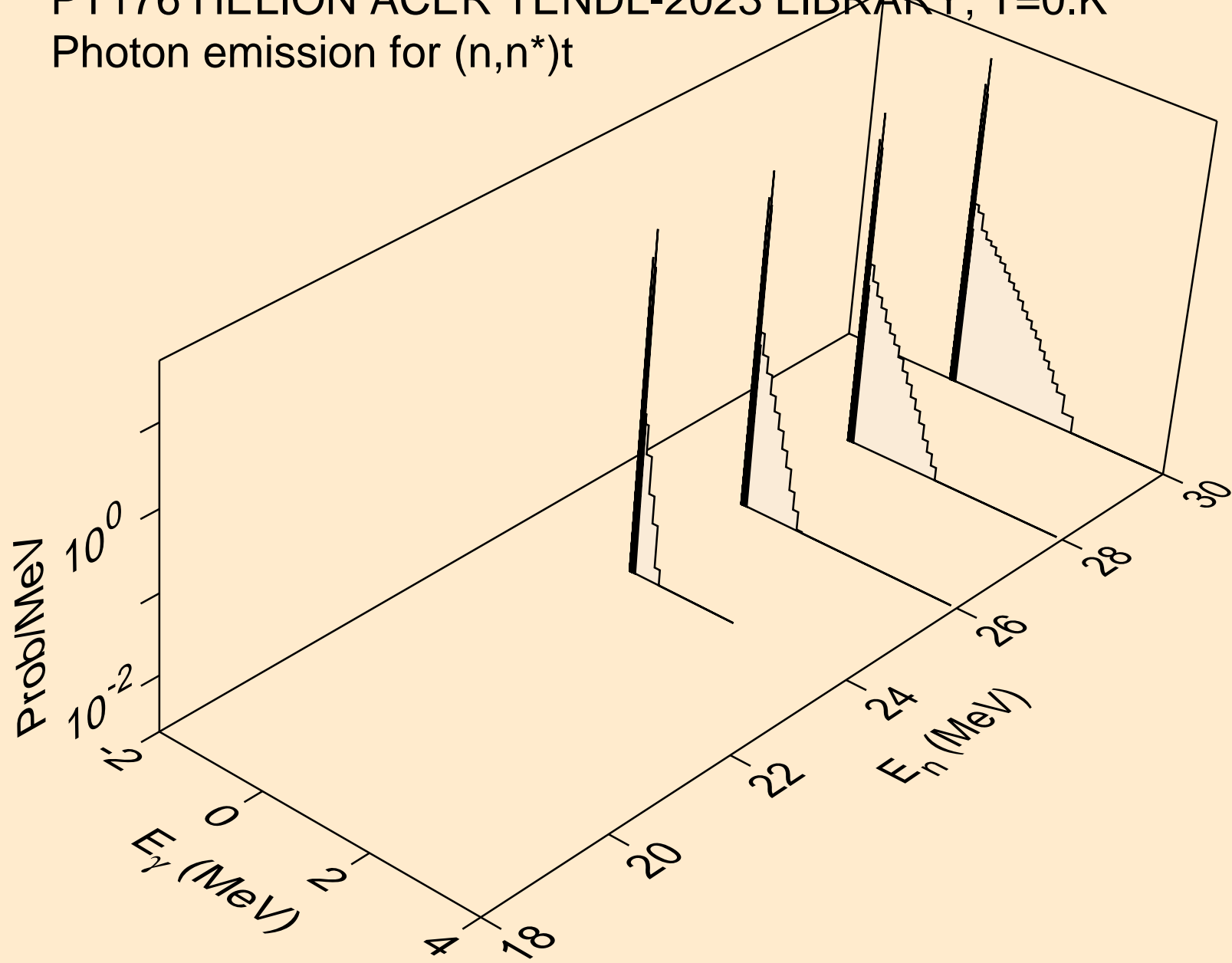
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



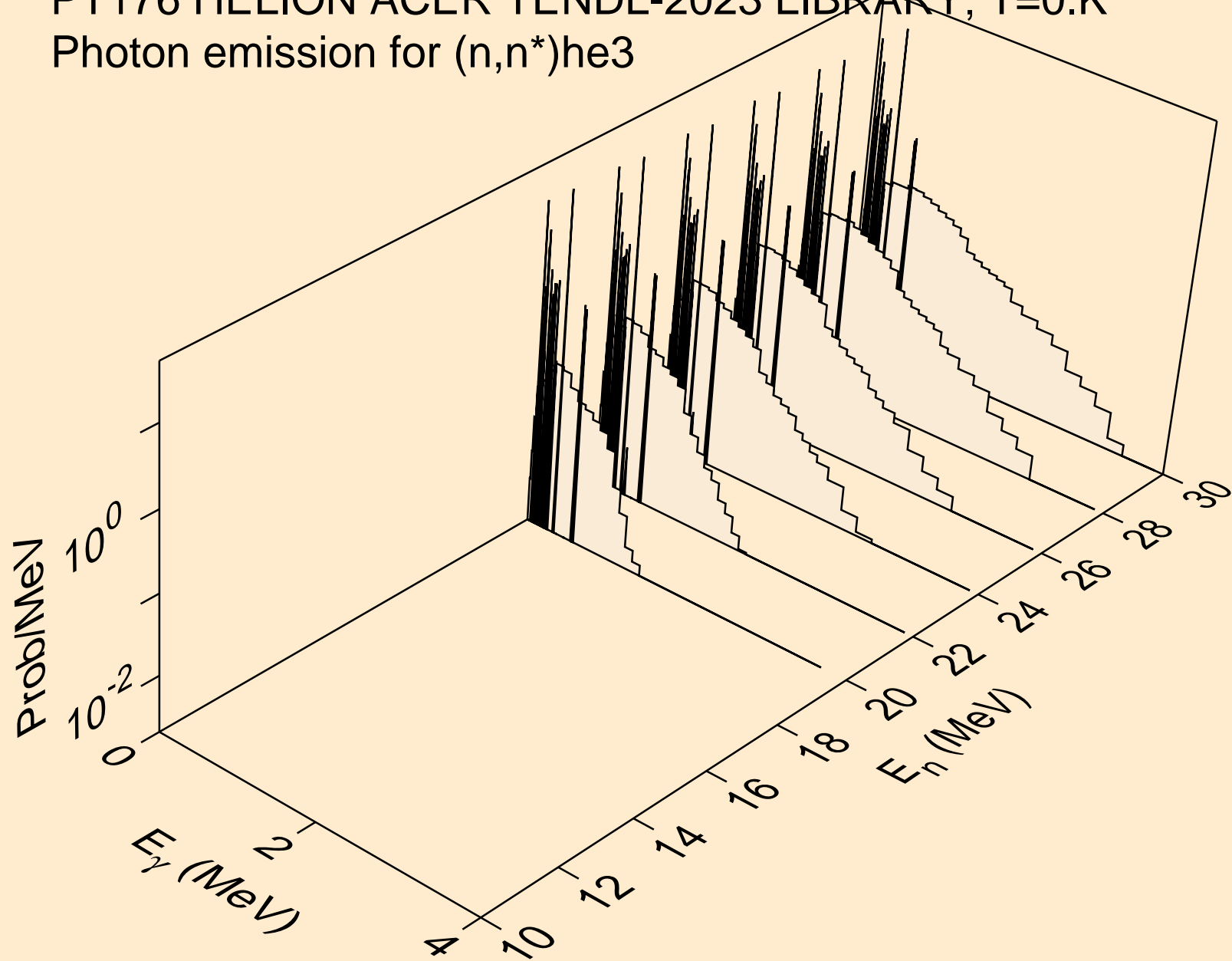
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



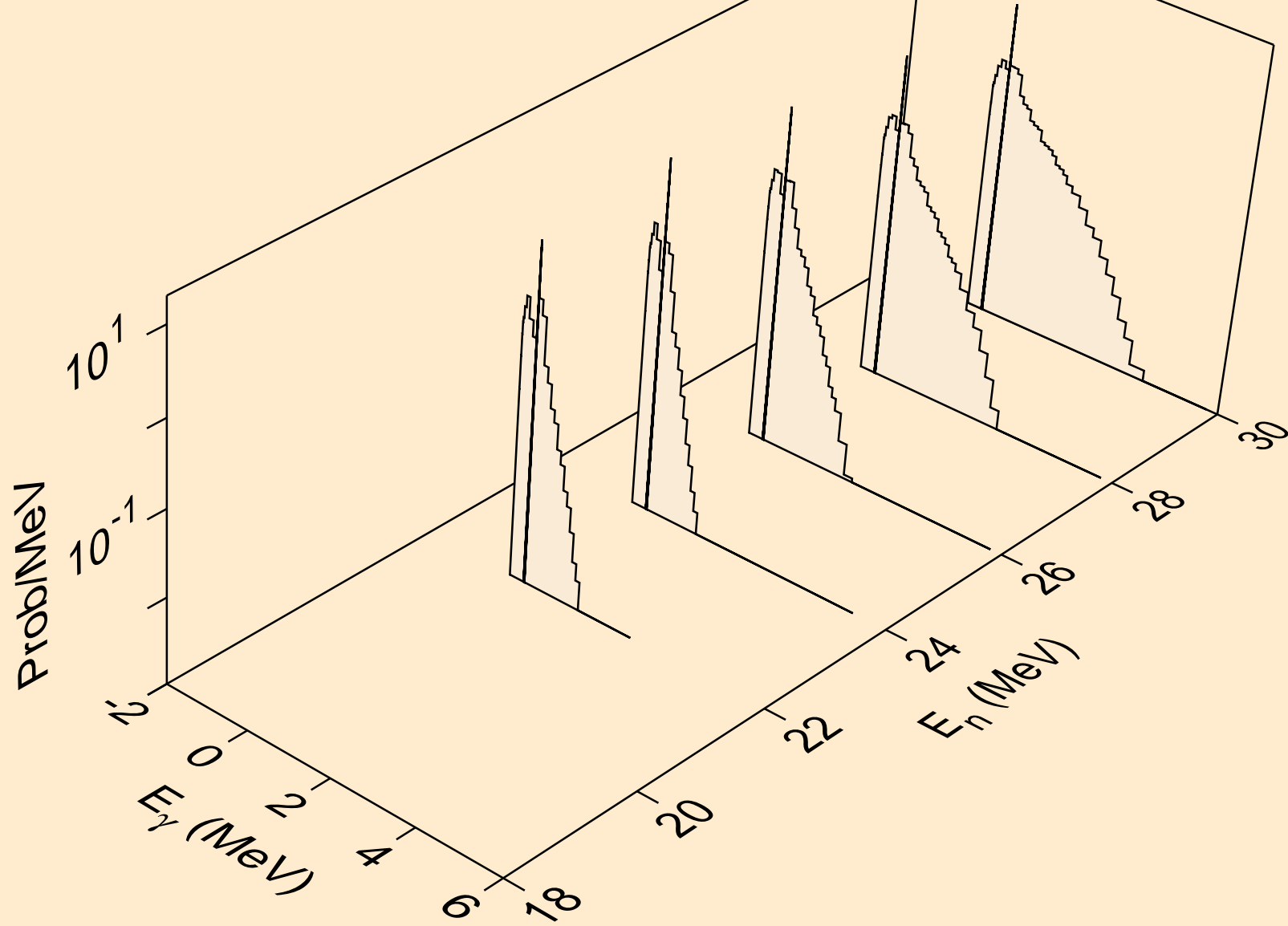
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



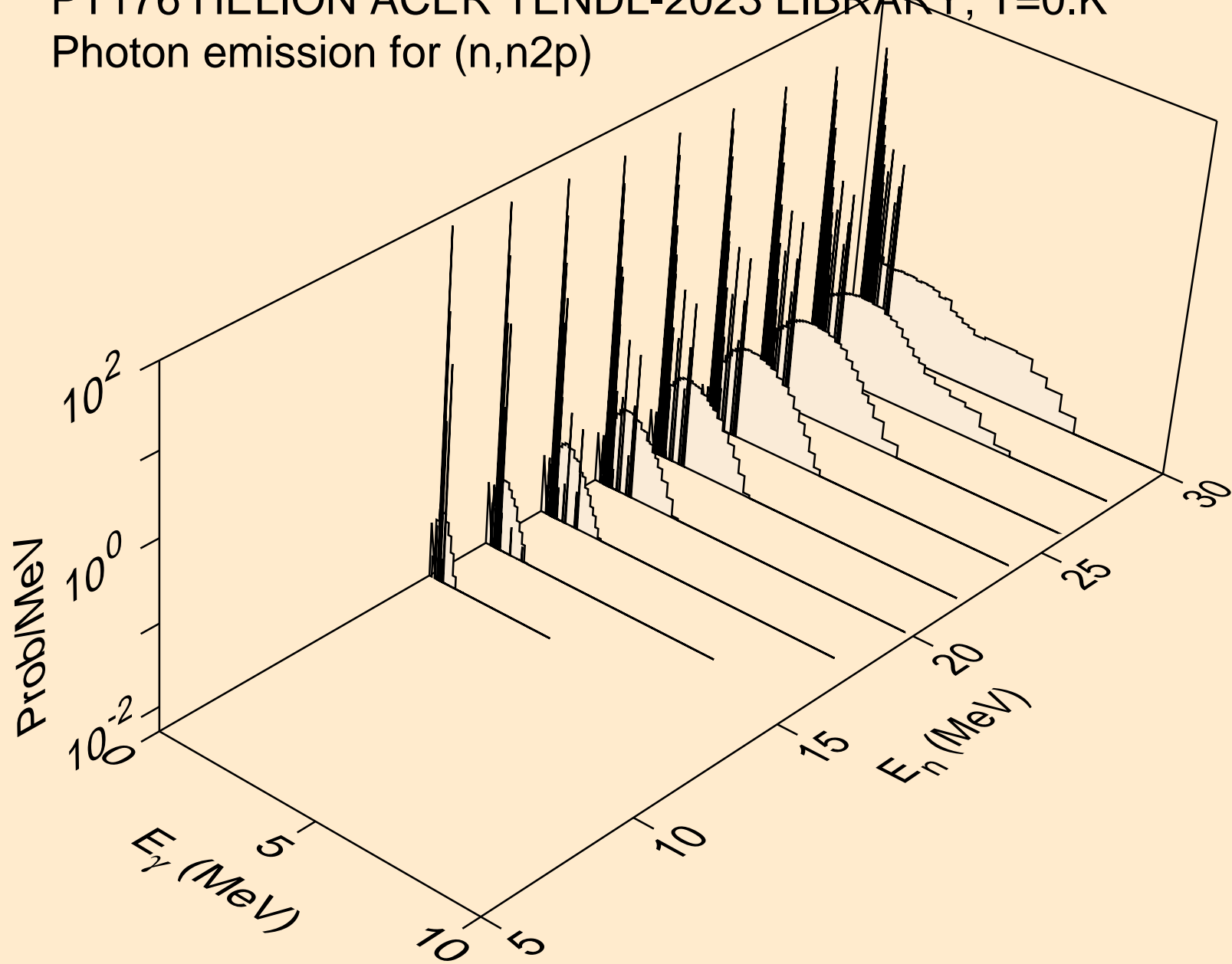
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



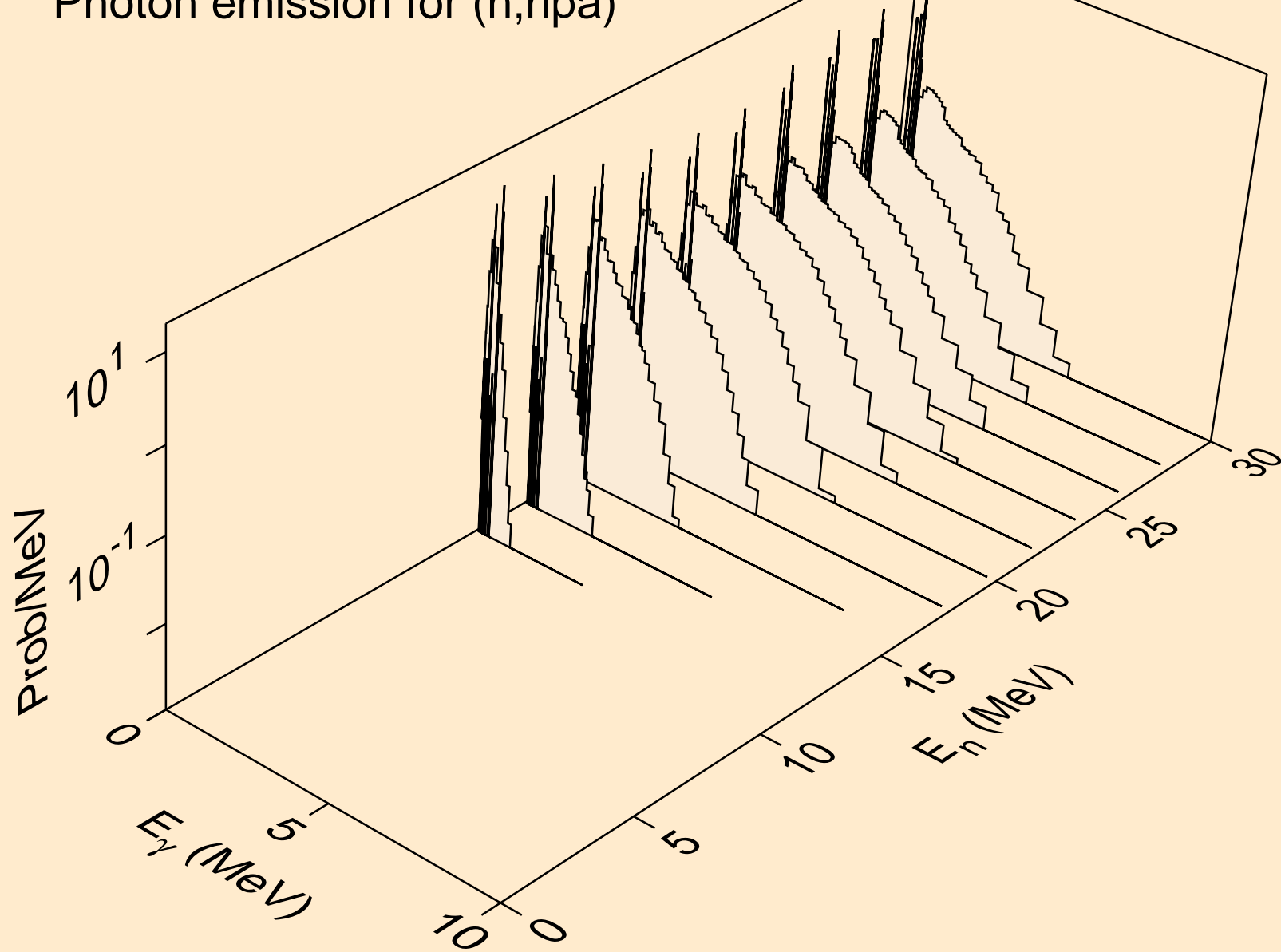
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

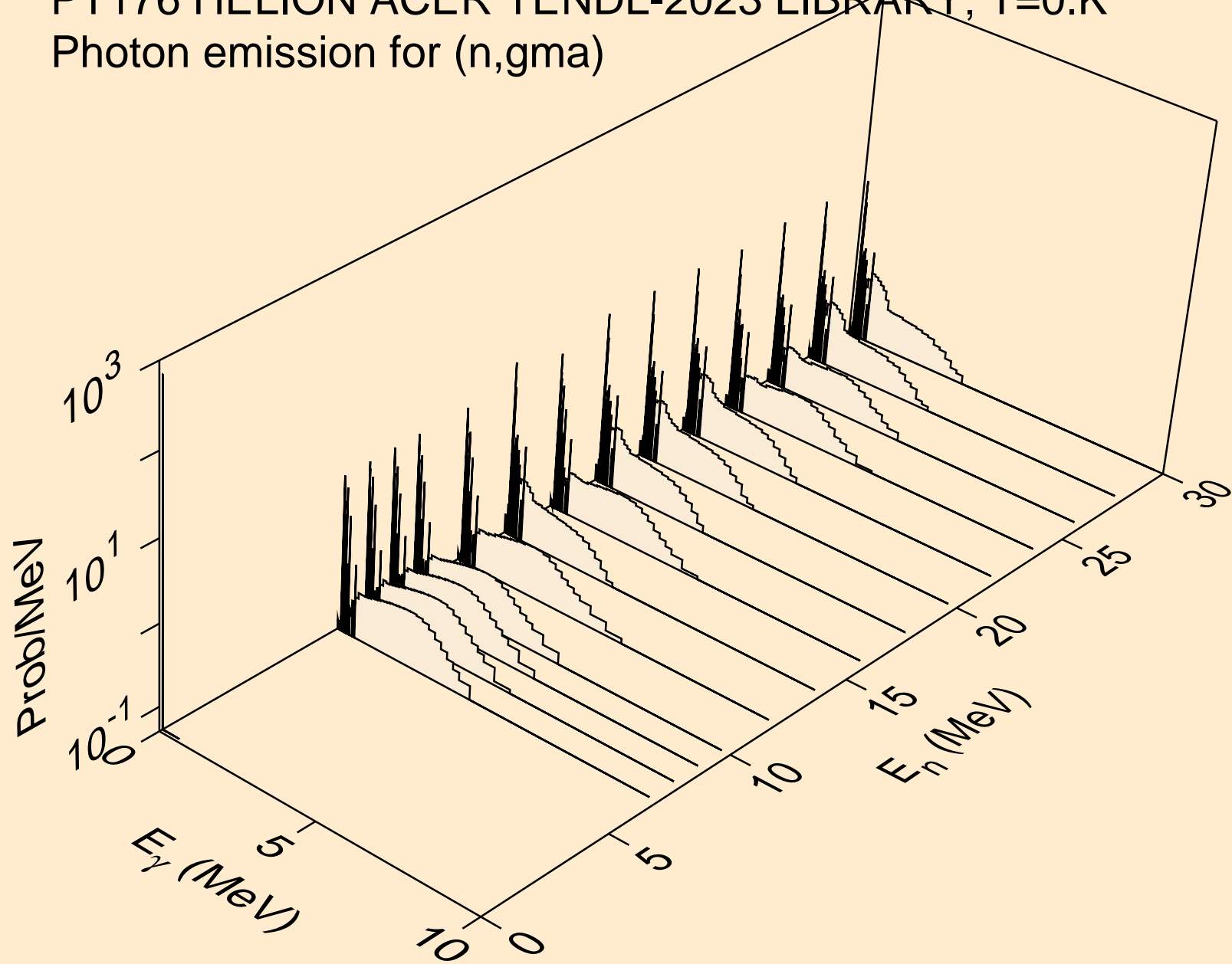


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

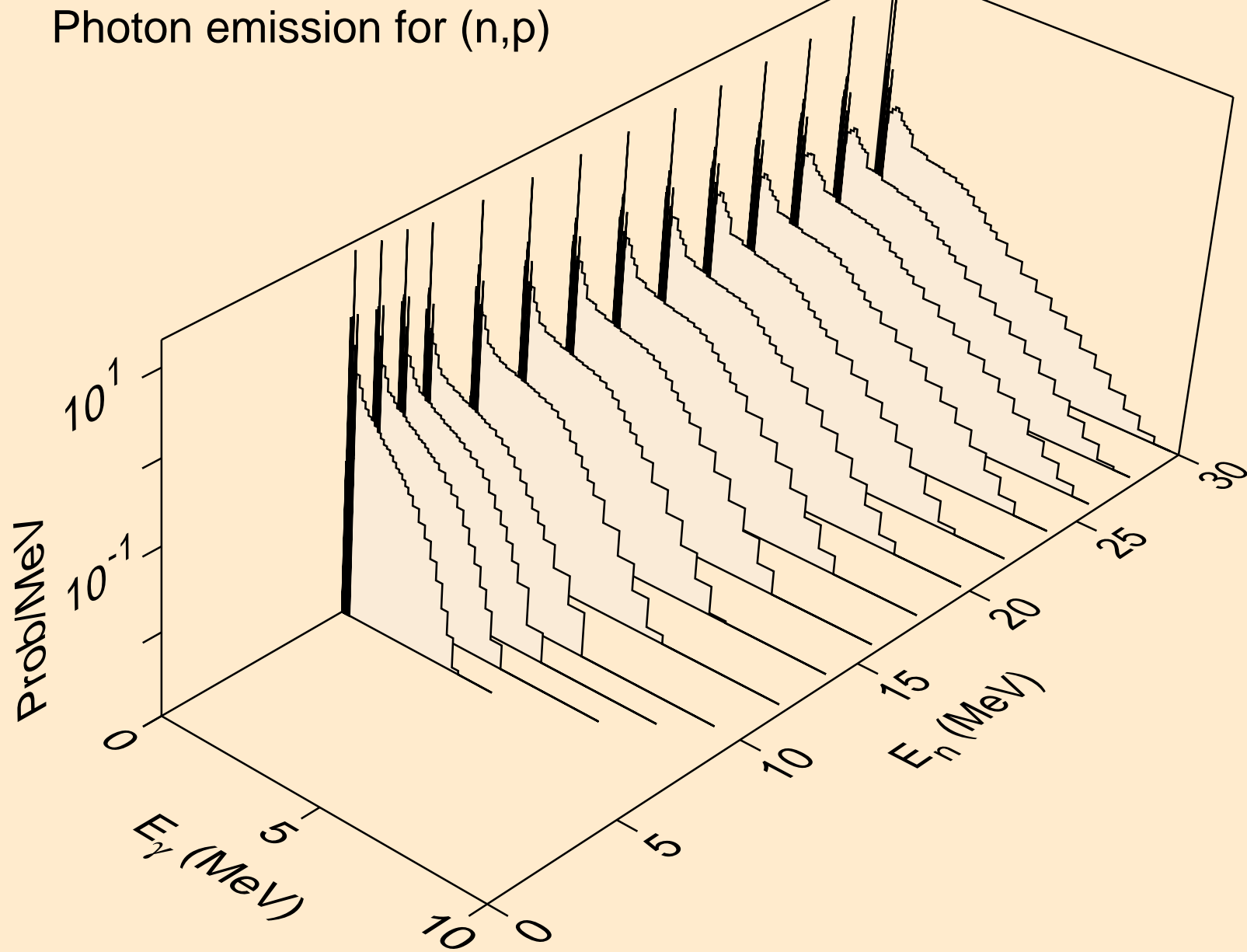




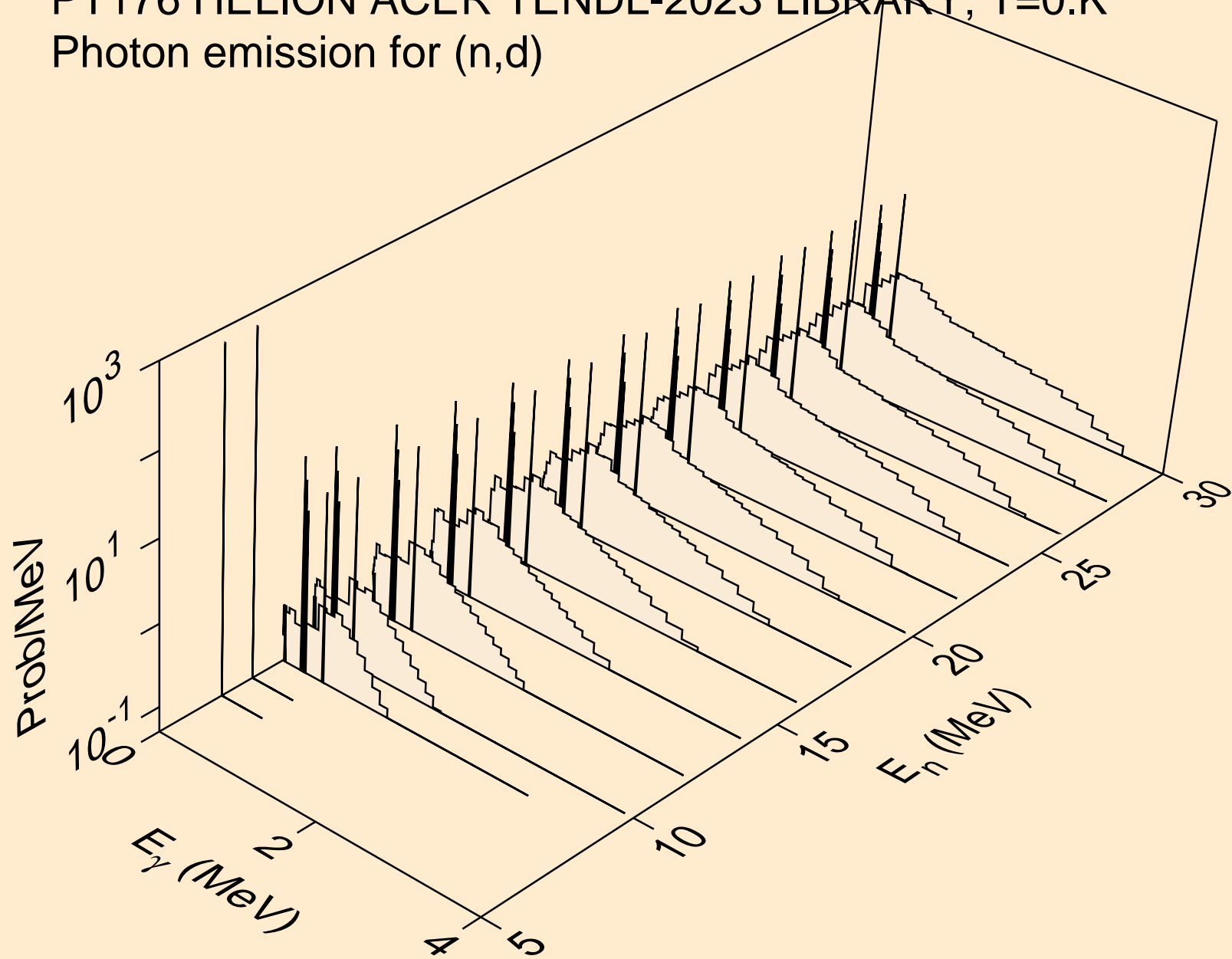
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



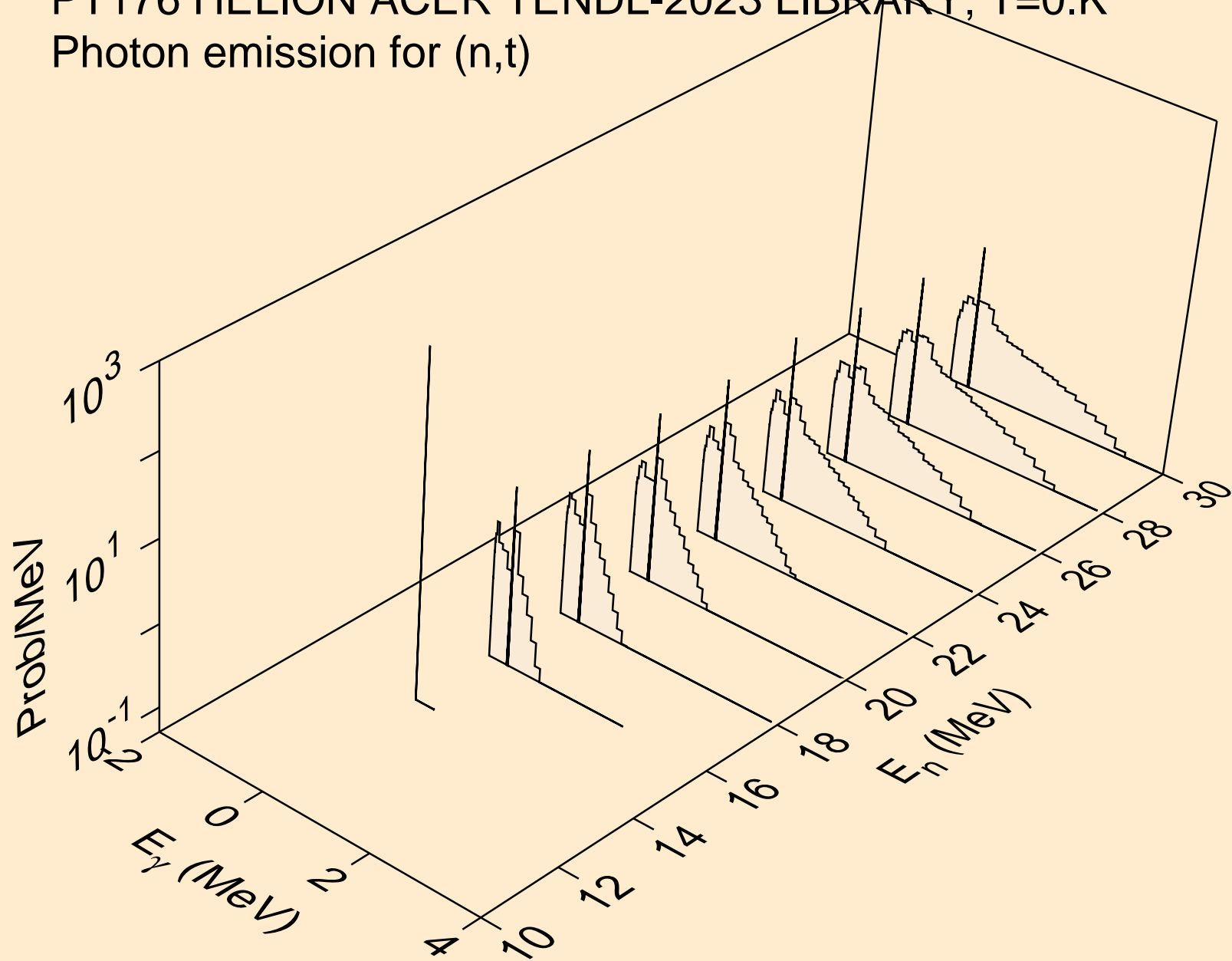
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



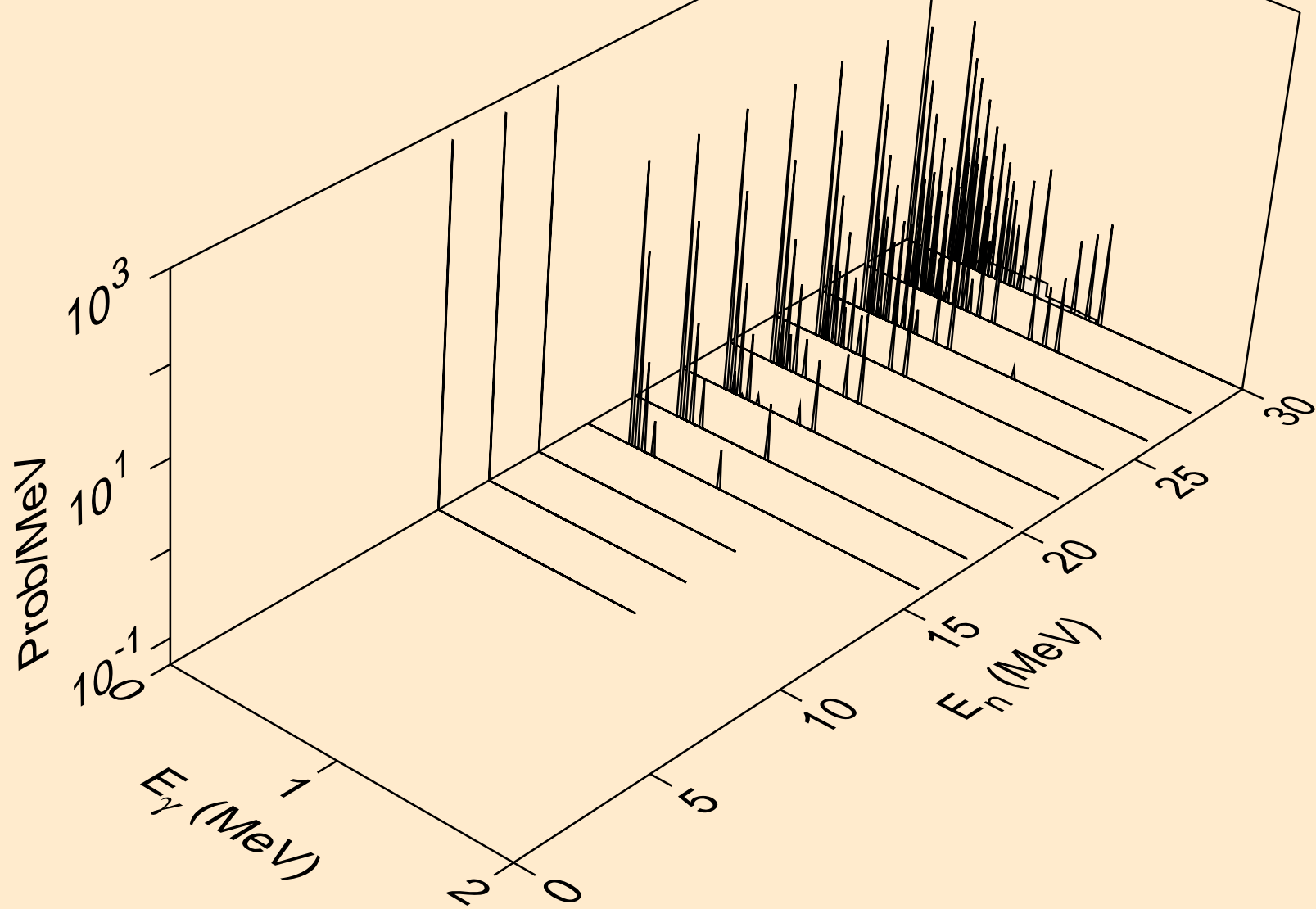
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



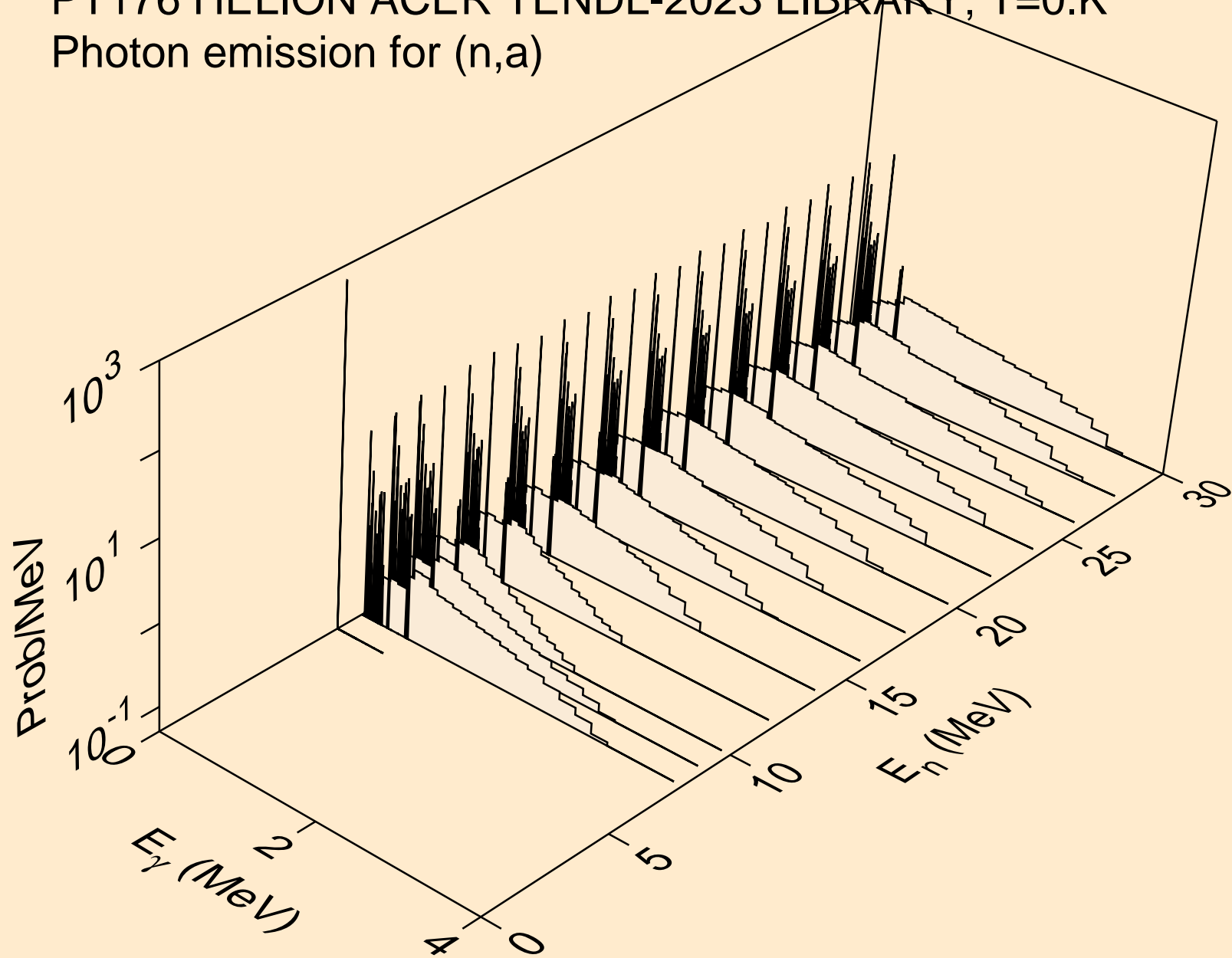
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



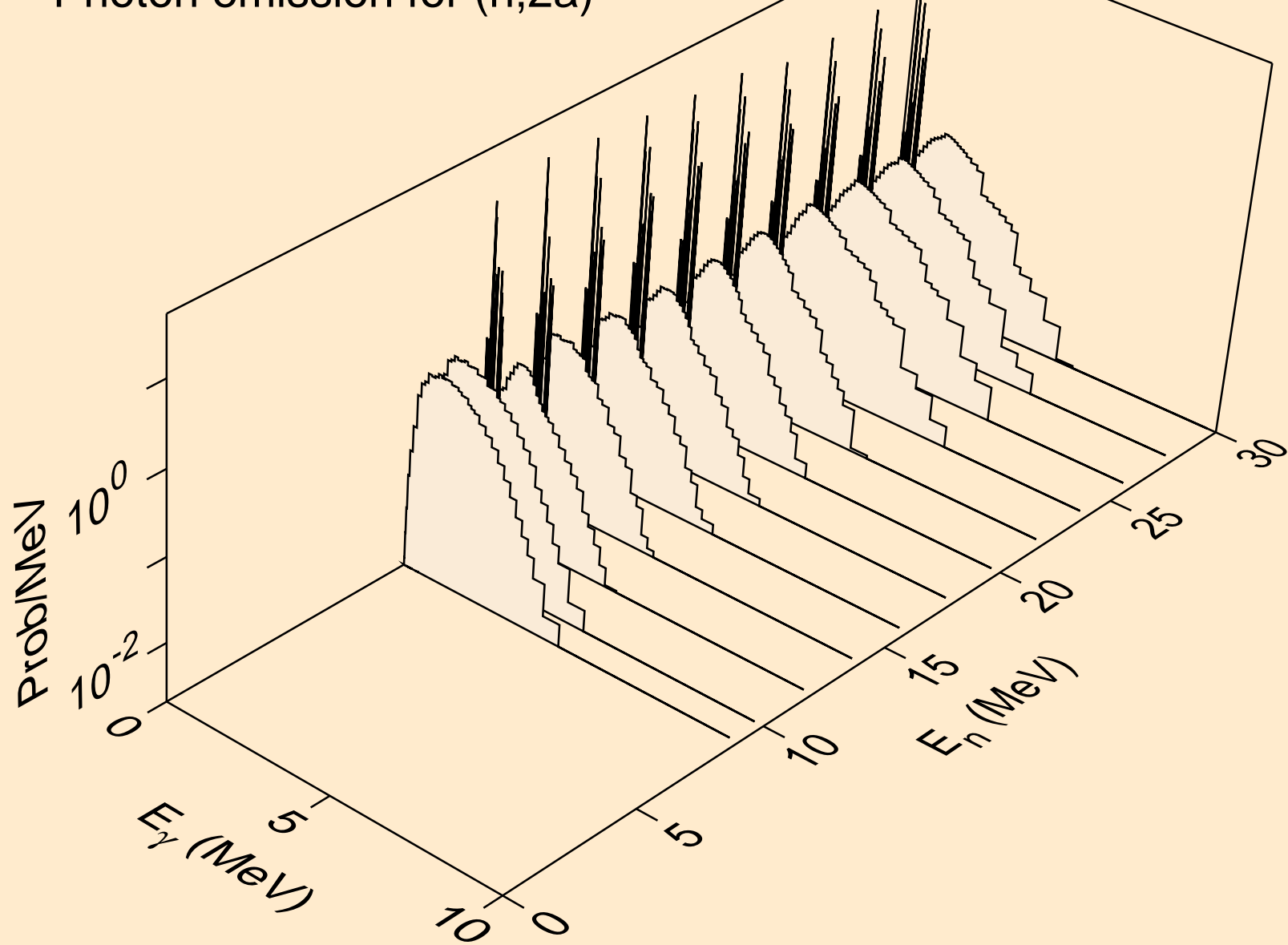
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



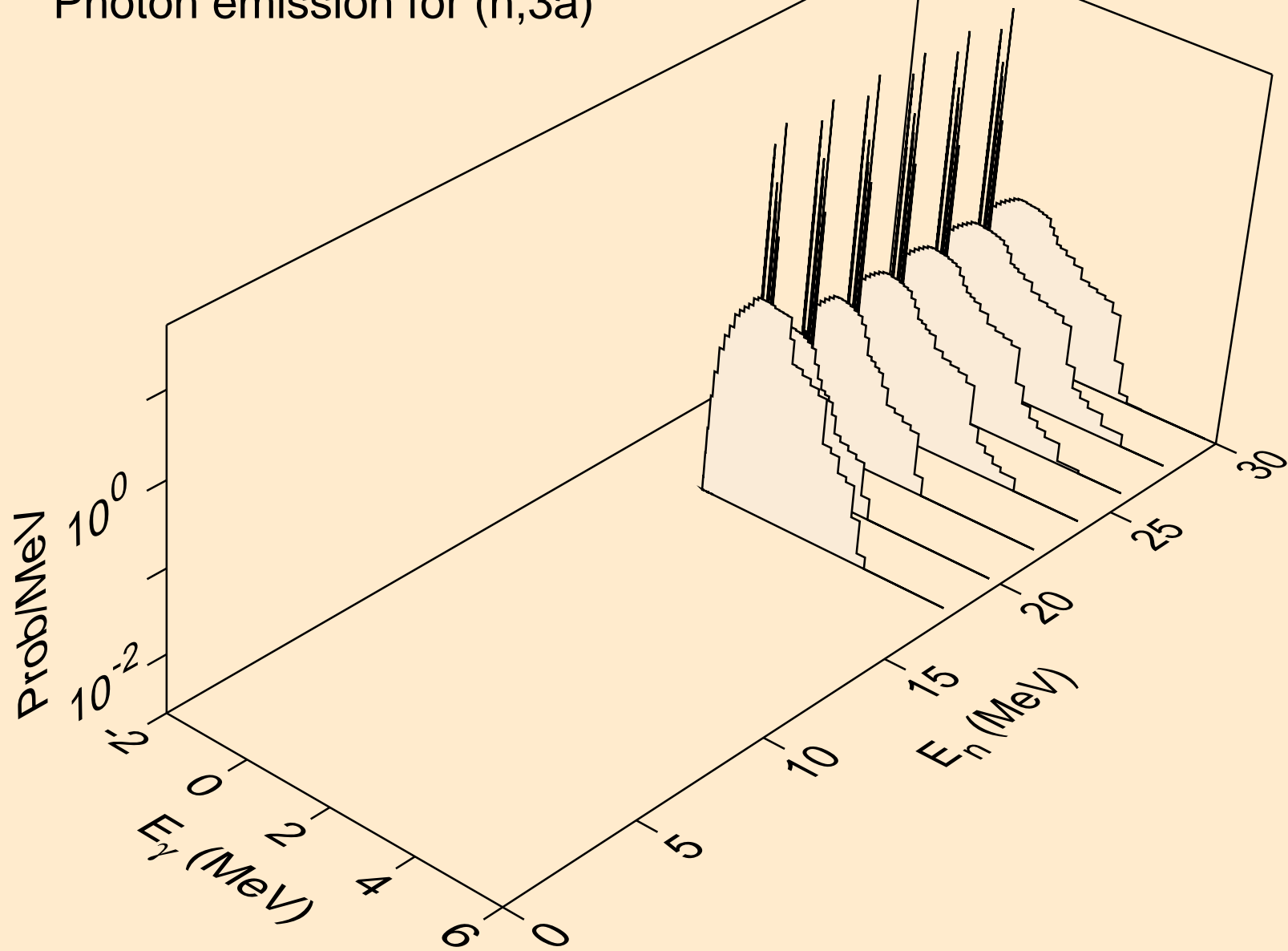
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

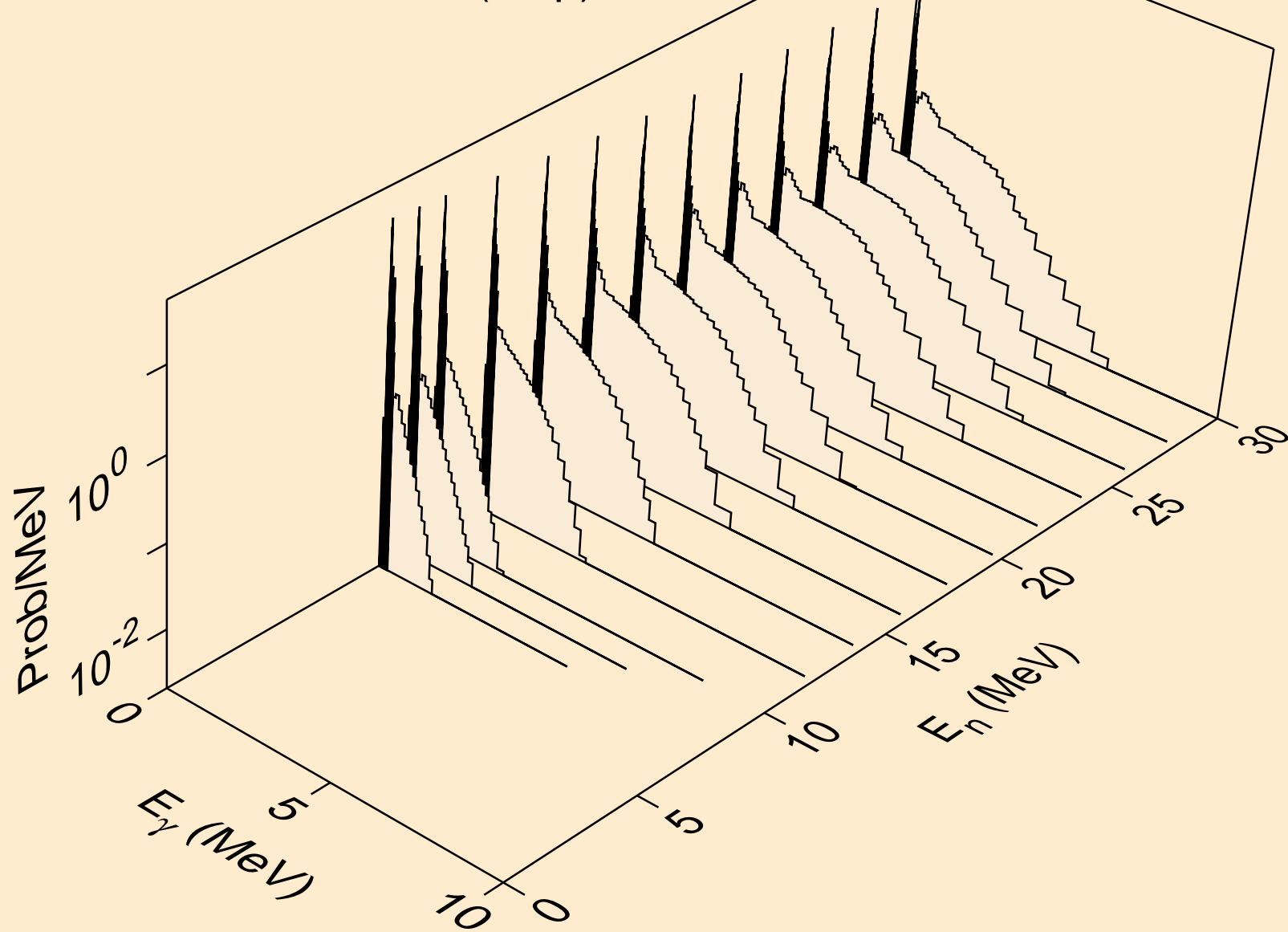


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

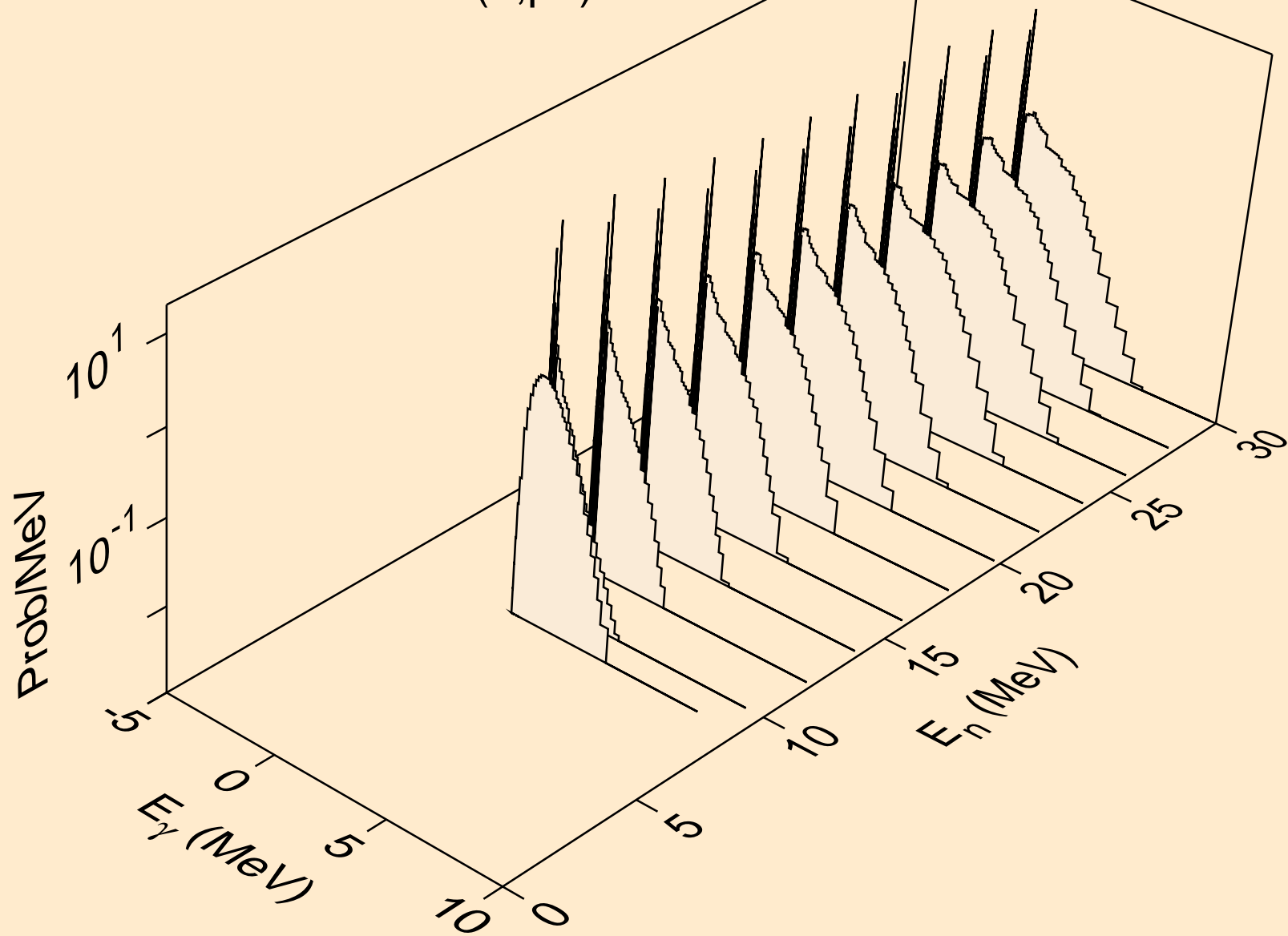




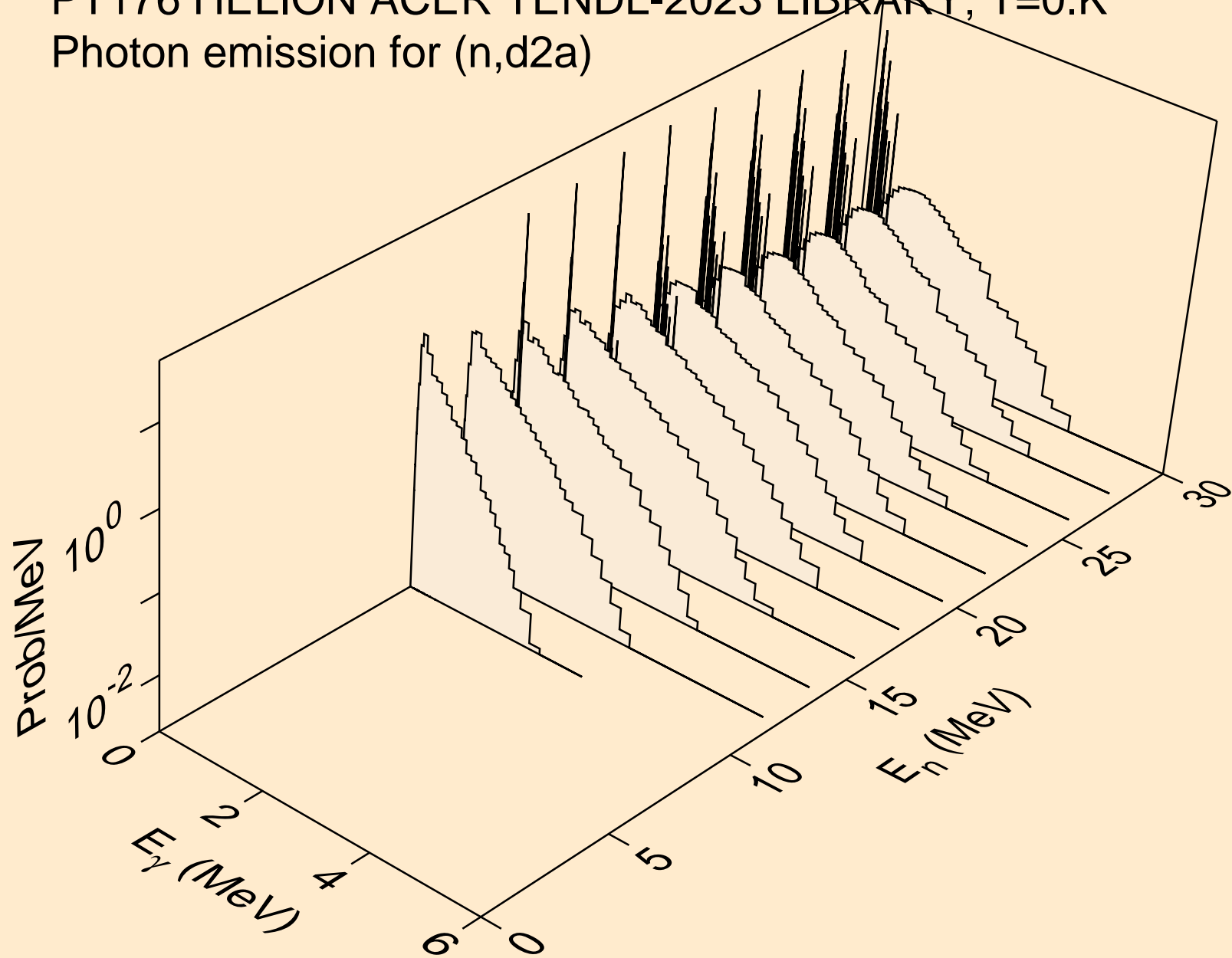
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



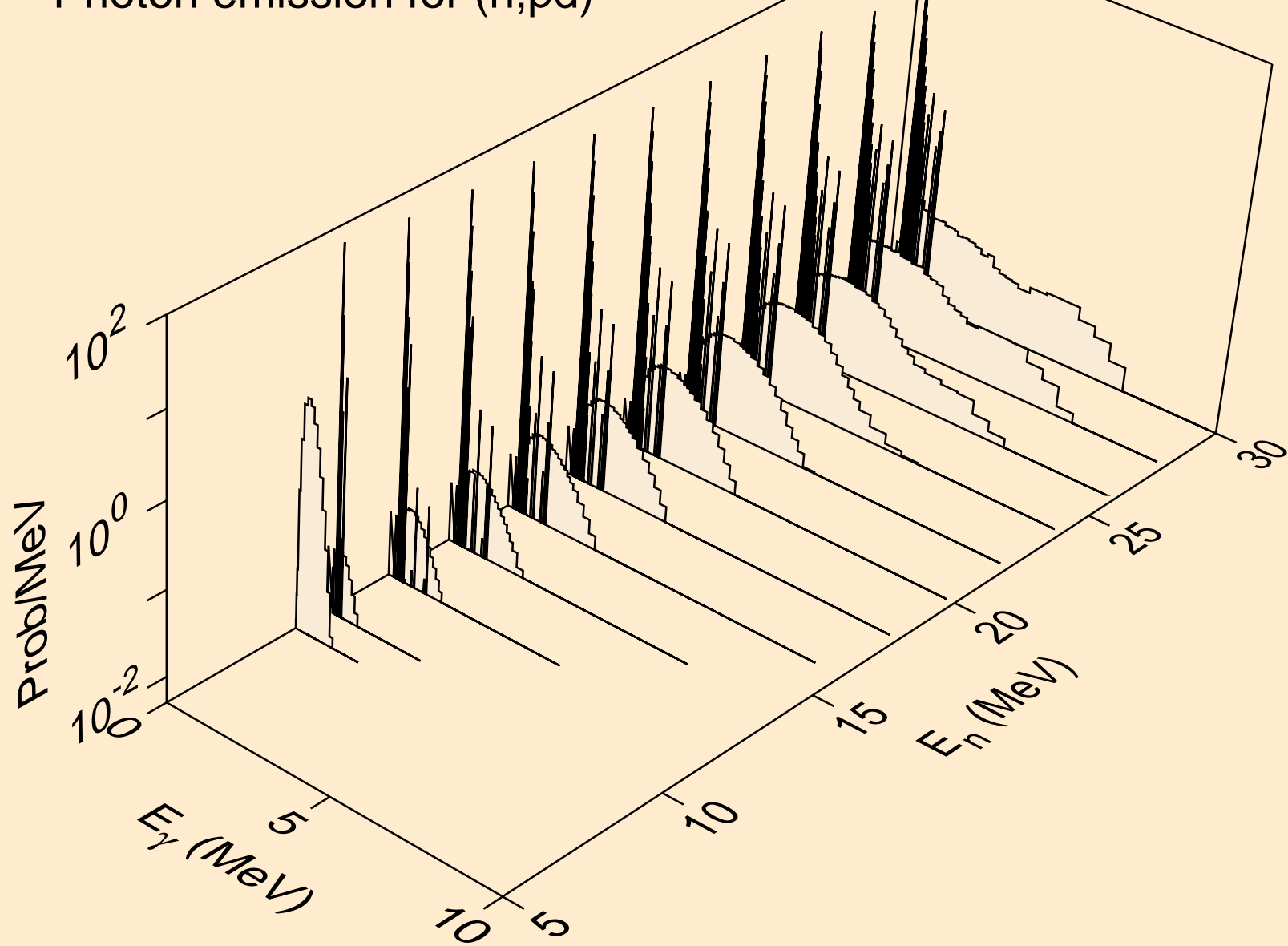
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



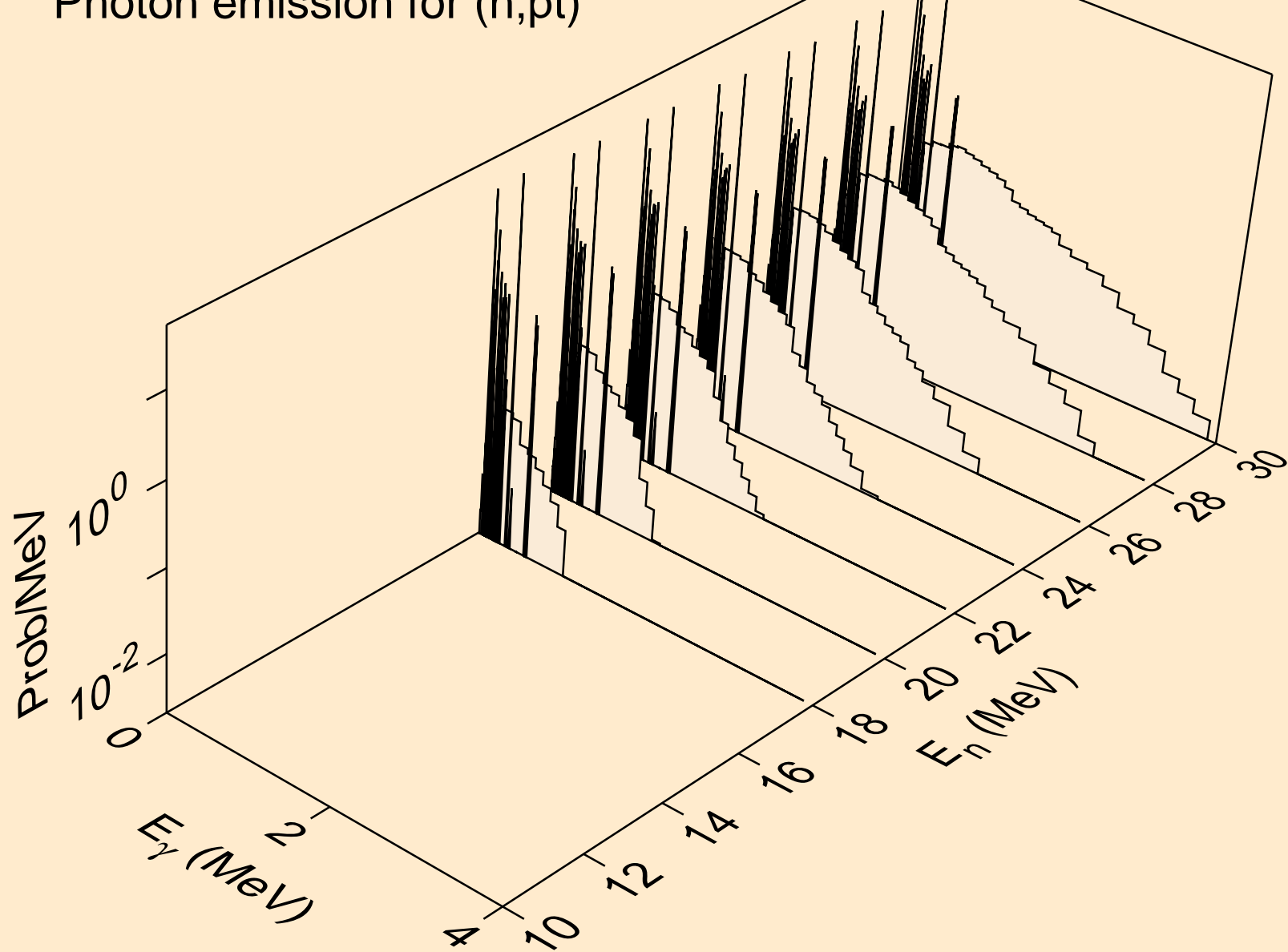
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



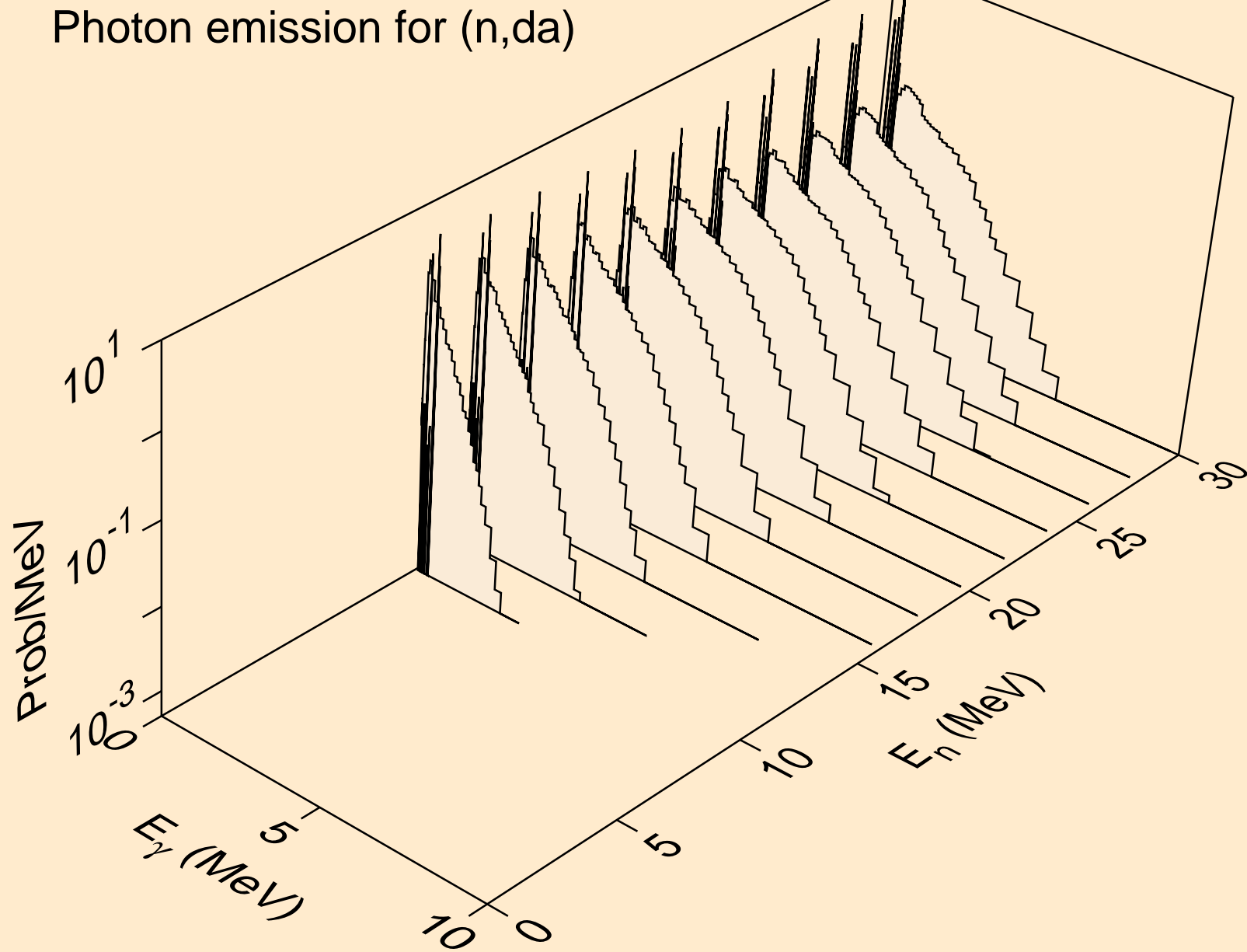
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



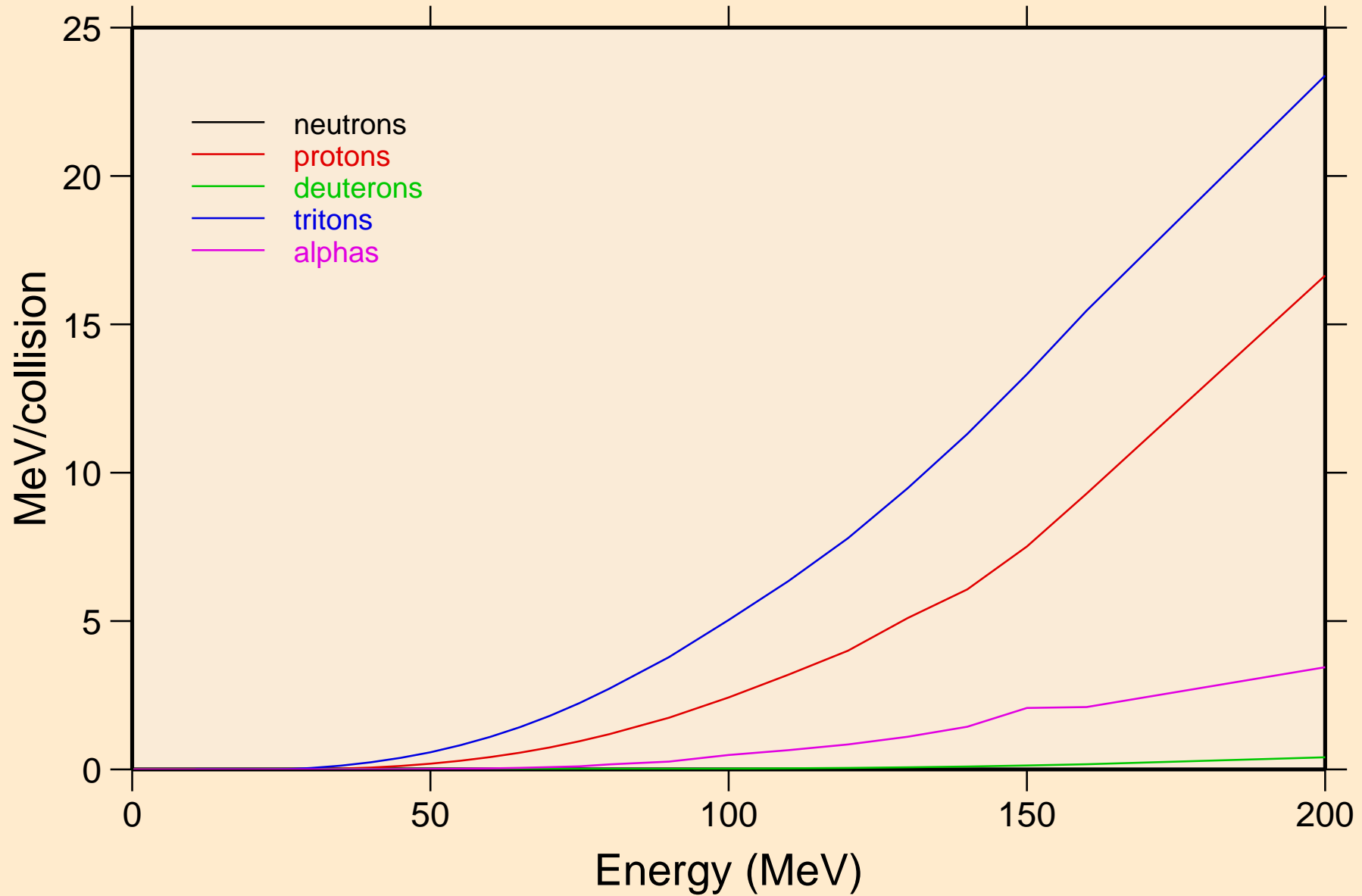
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Photon emission for (n,pt)



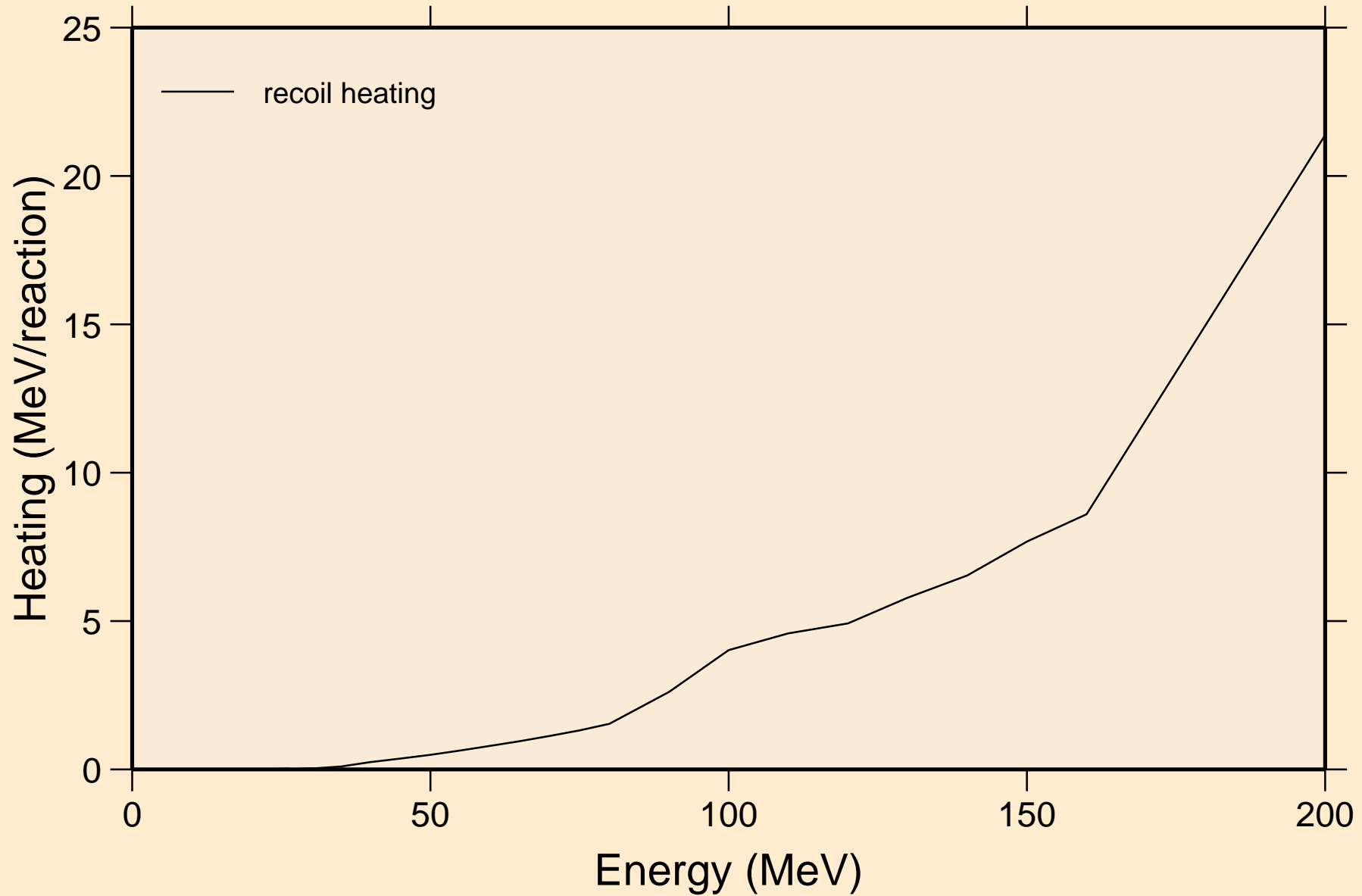
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

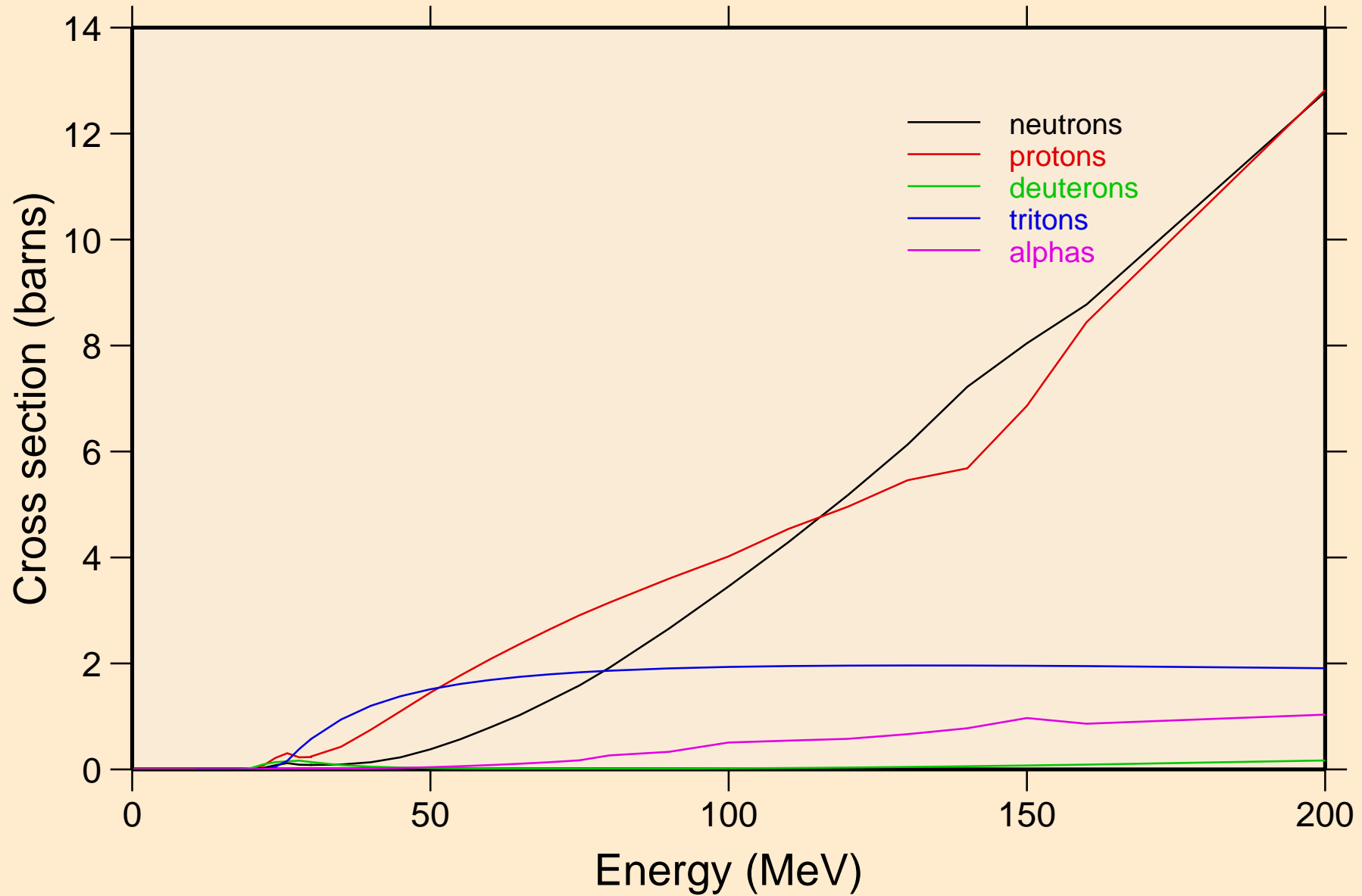


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

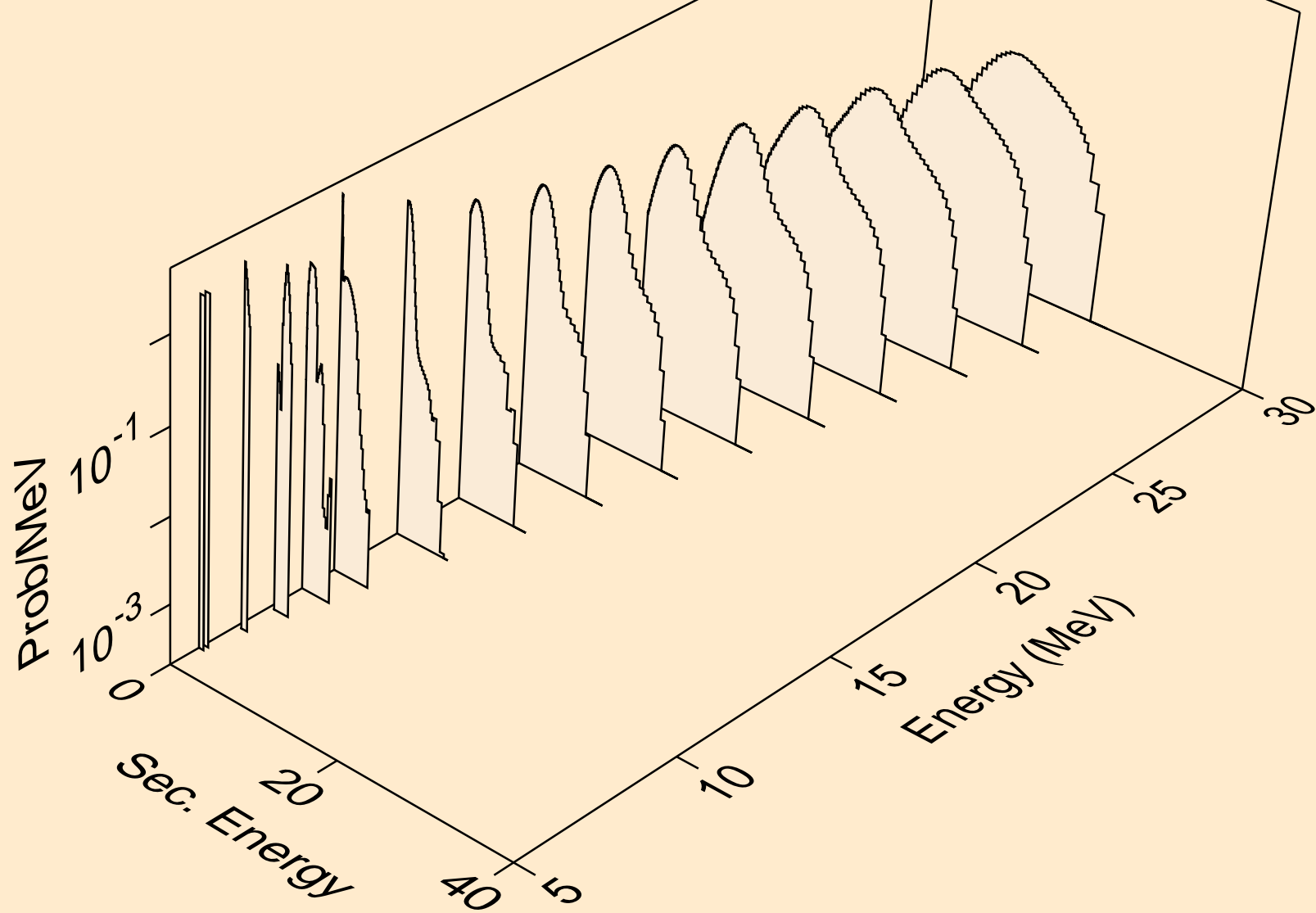




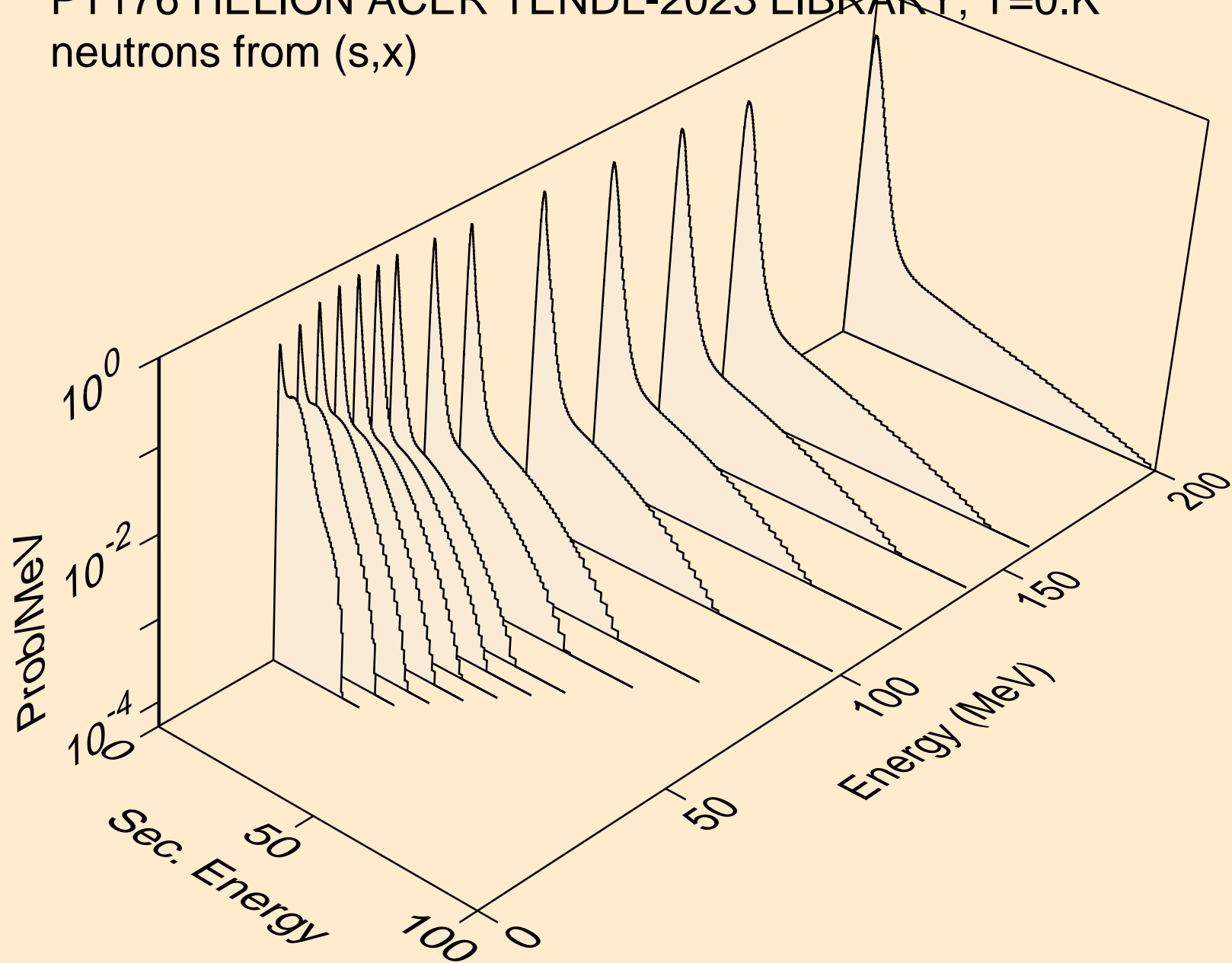
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



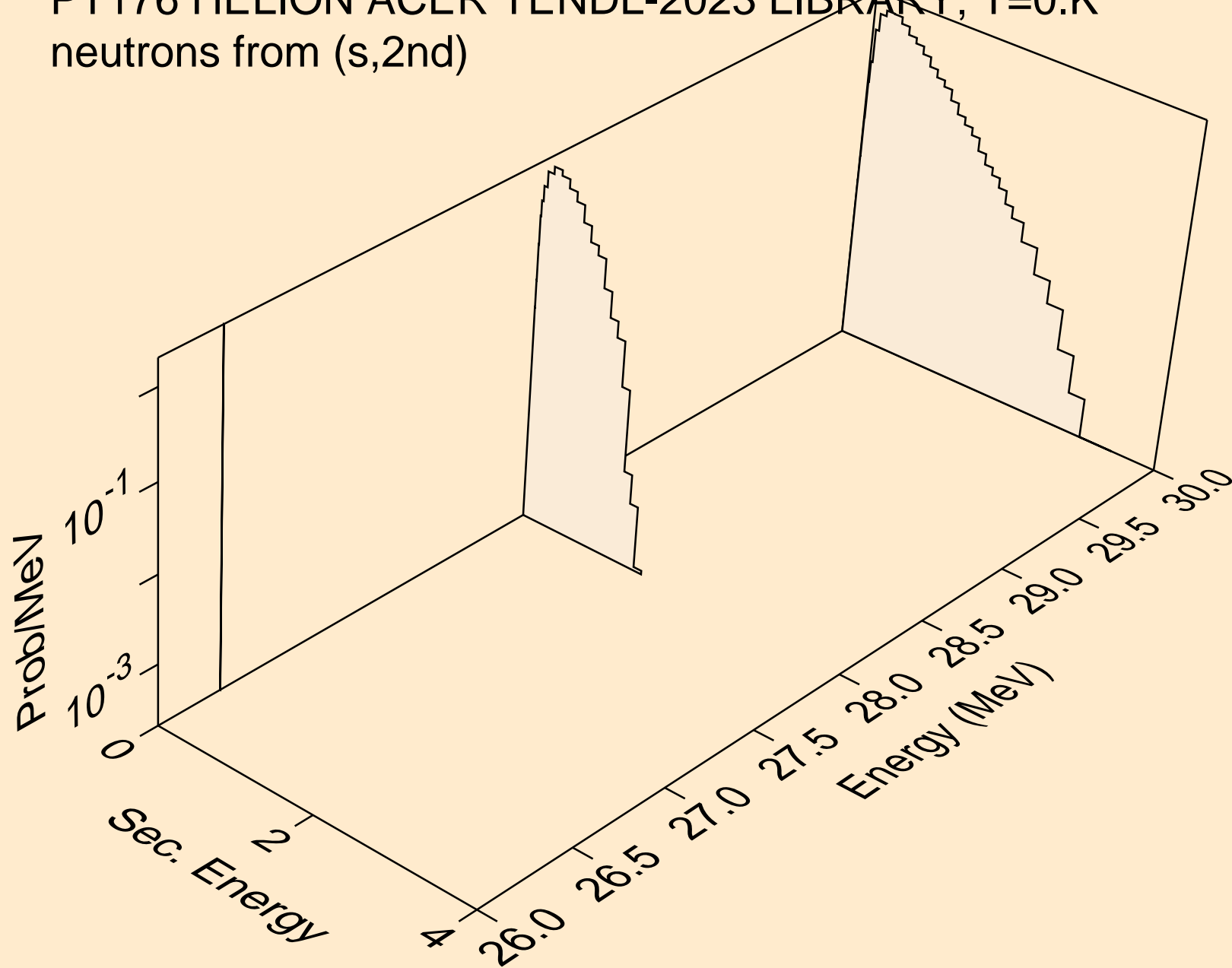
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



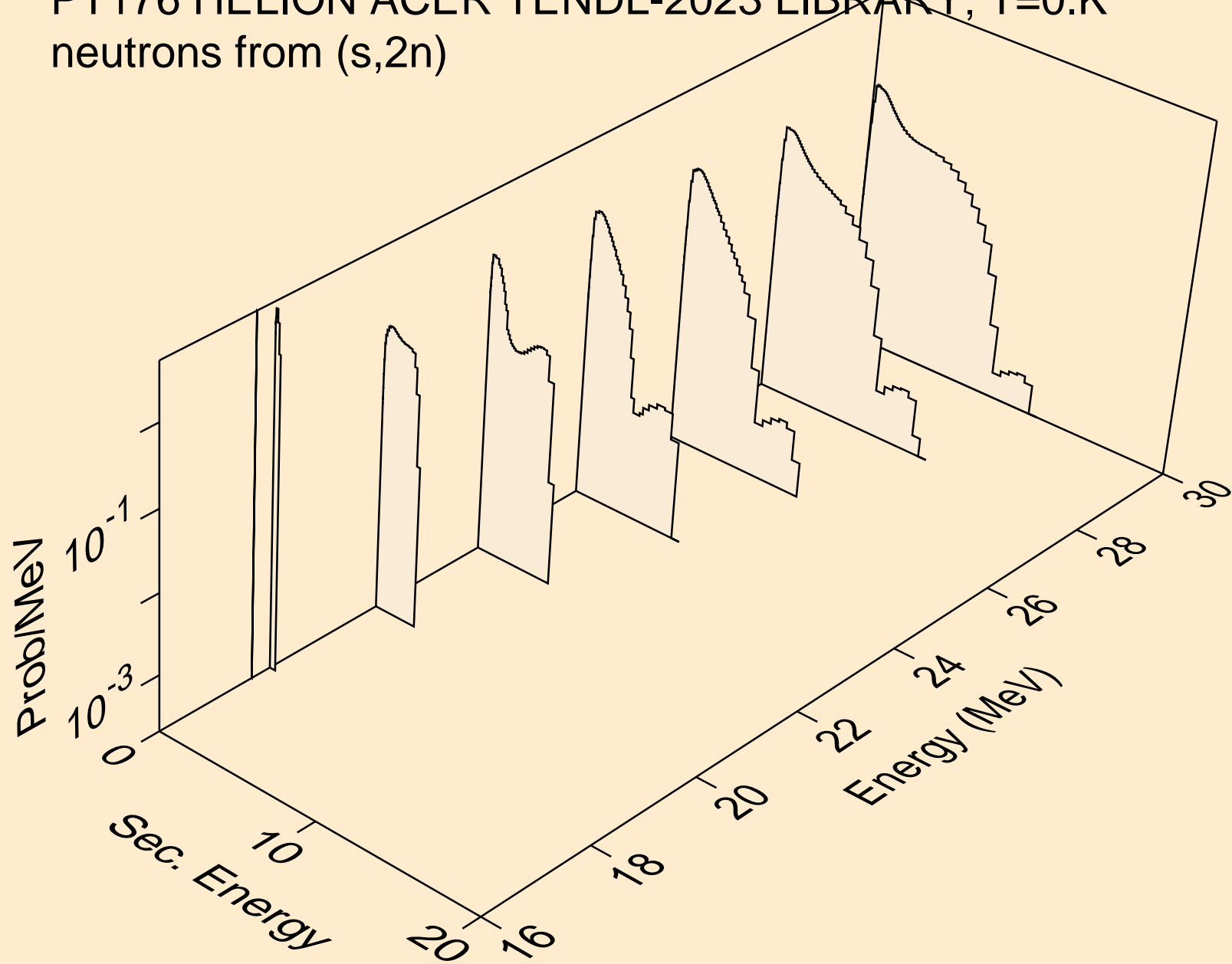
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



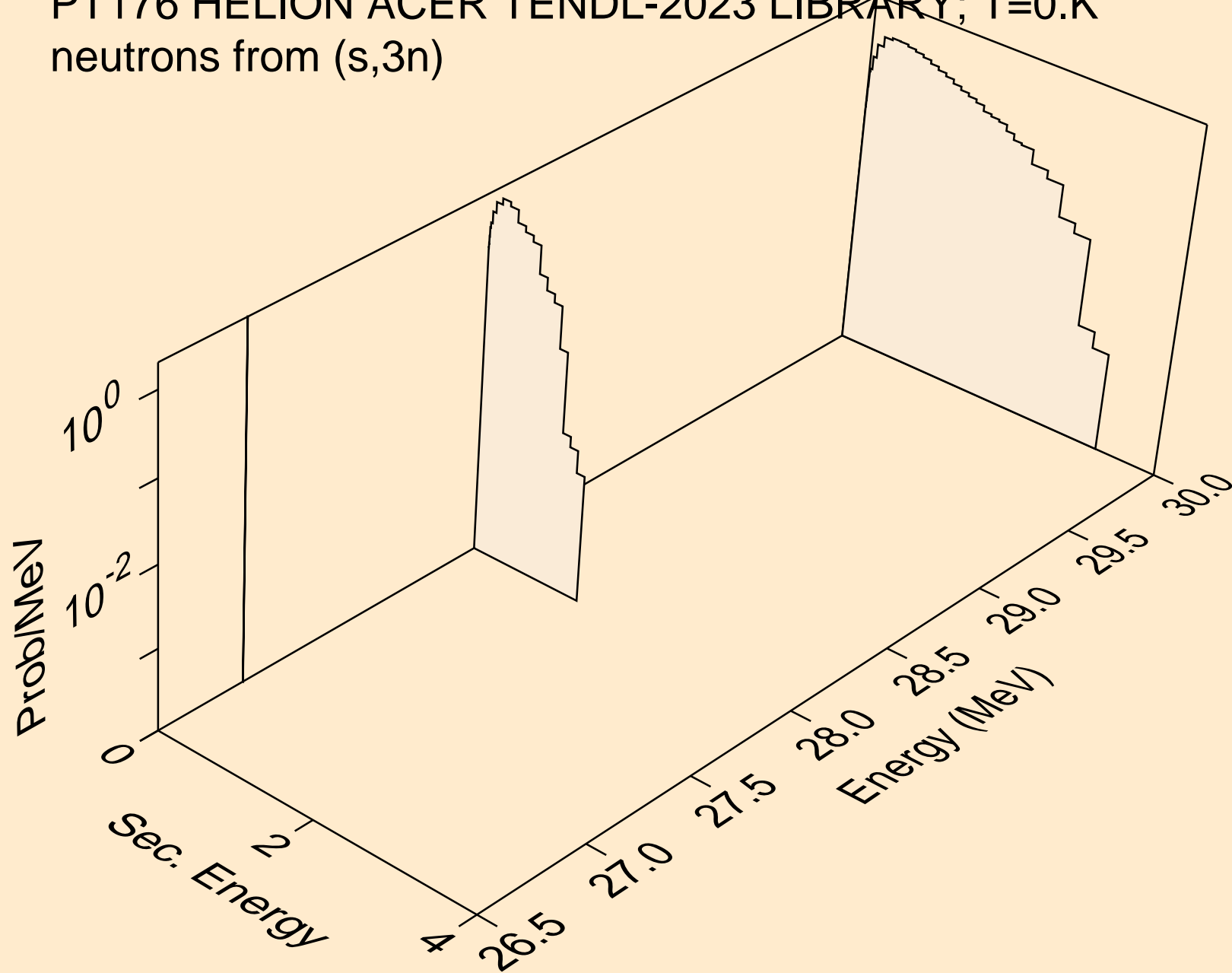
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



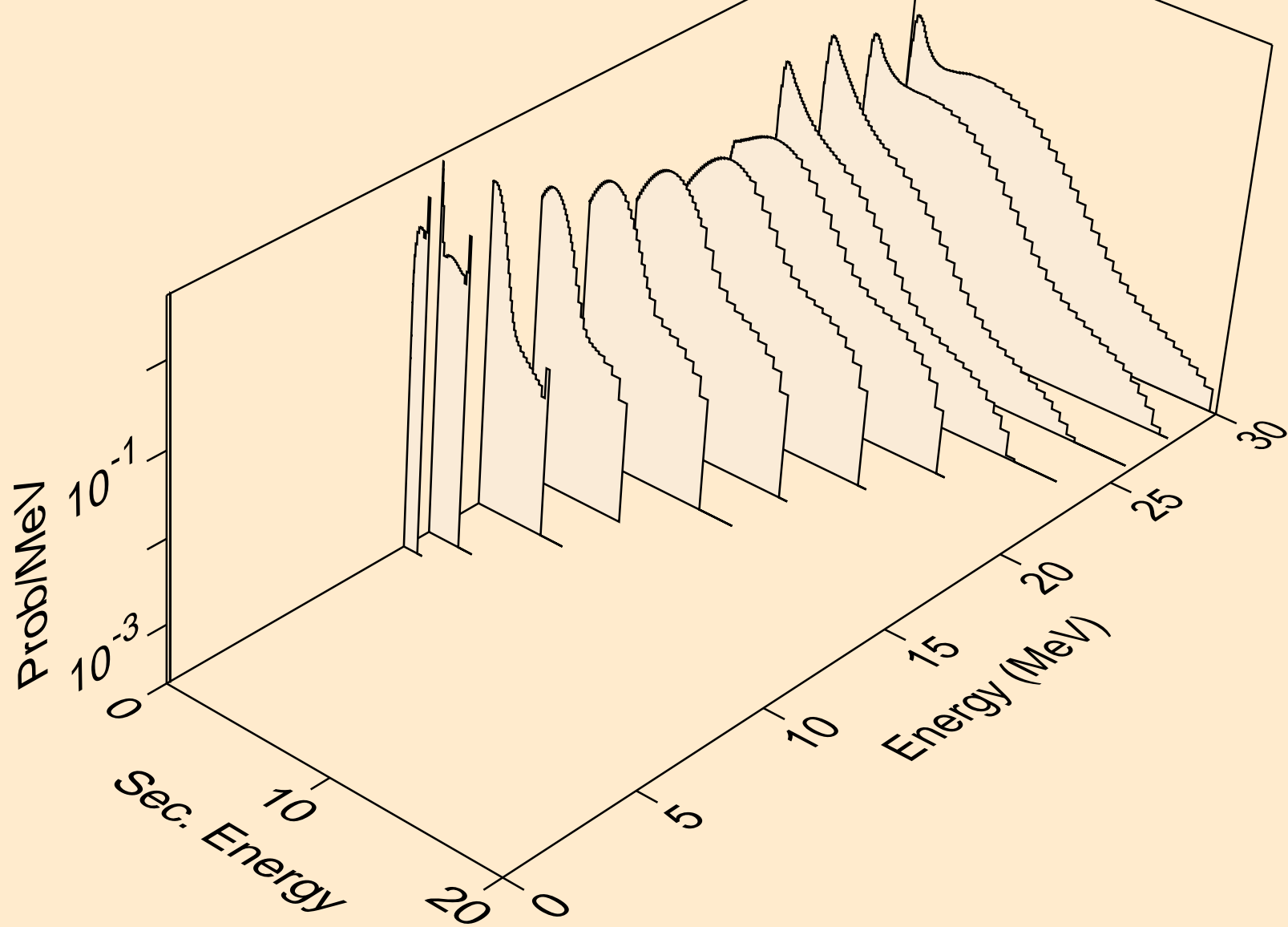
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



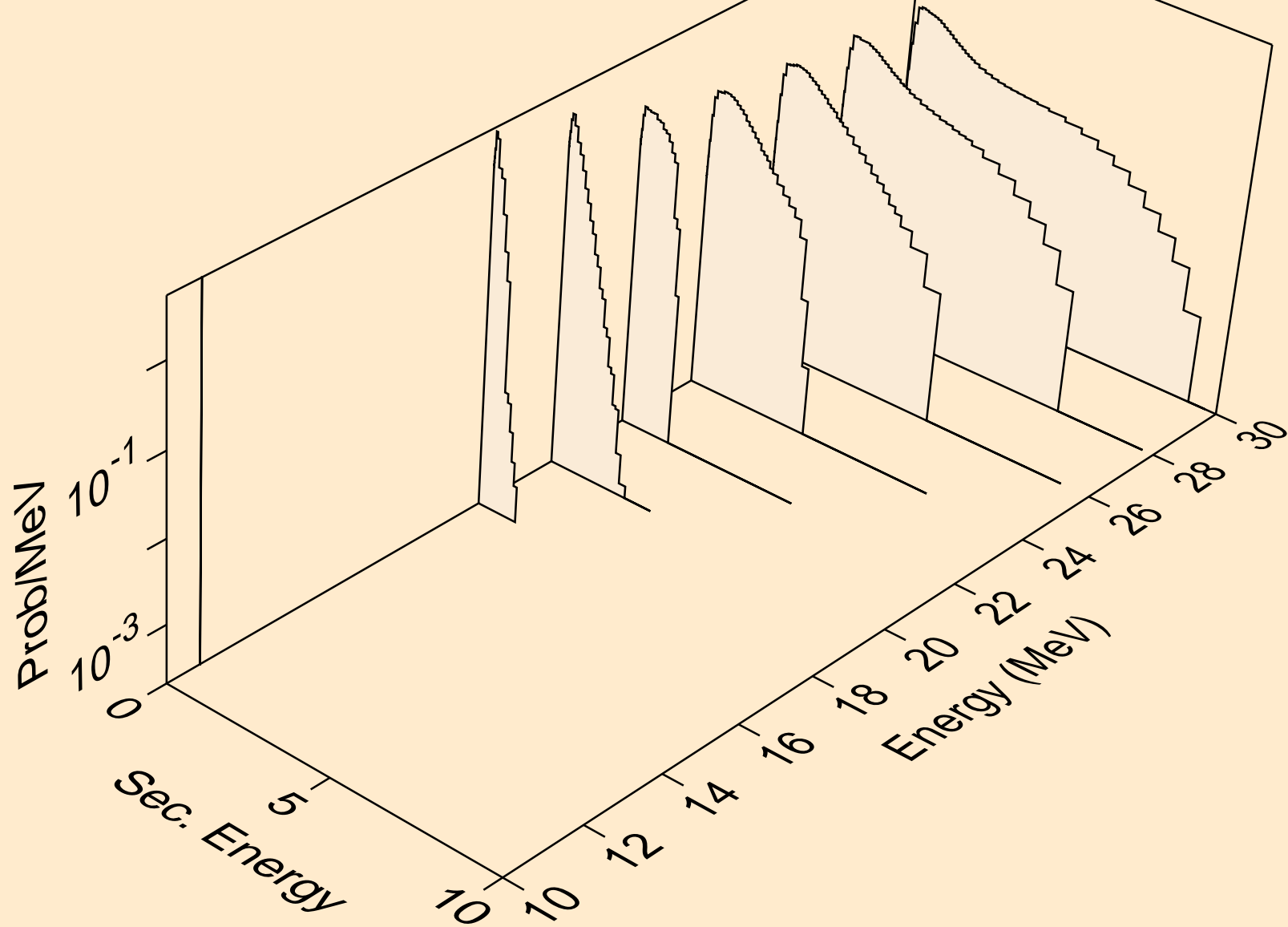
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

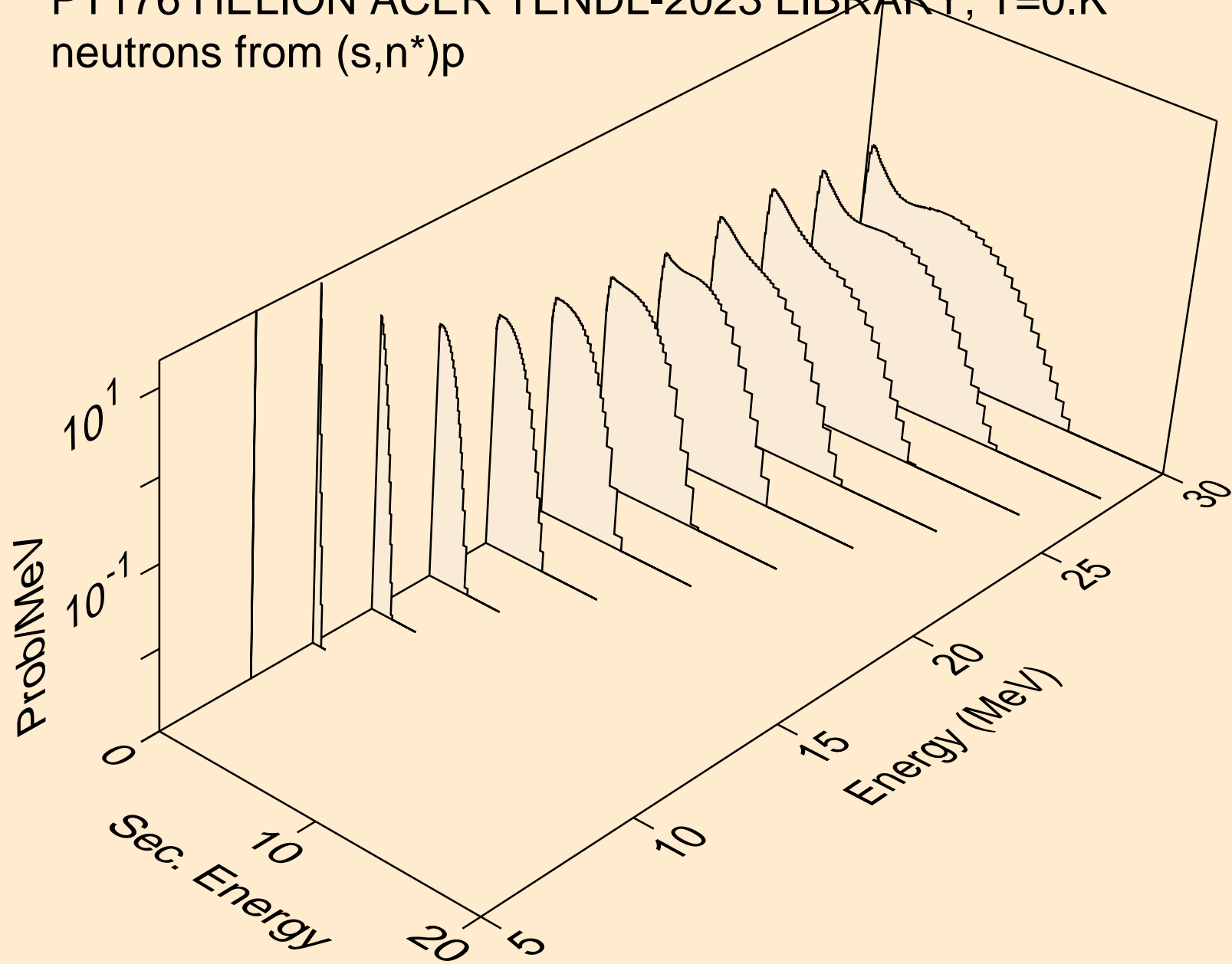


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

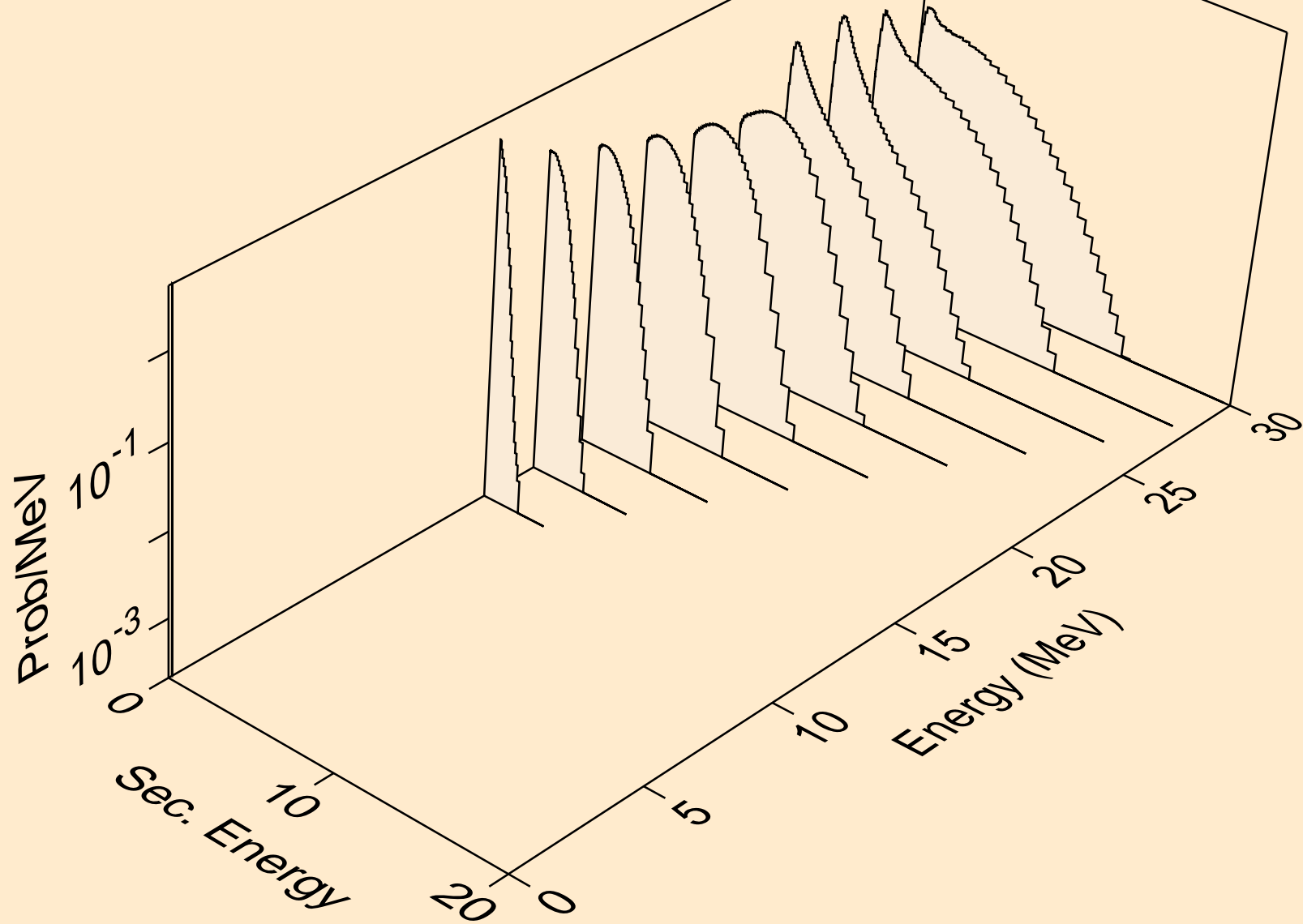




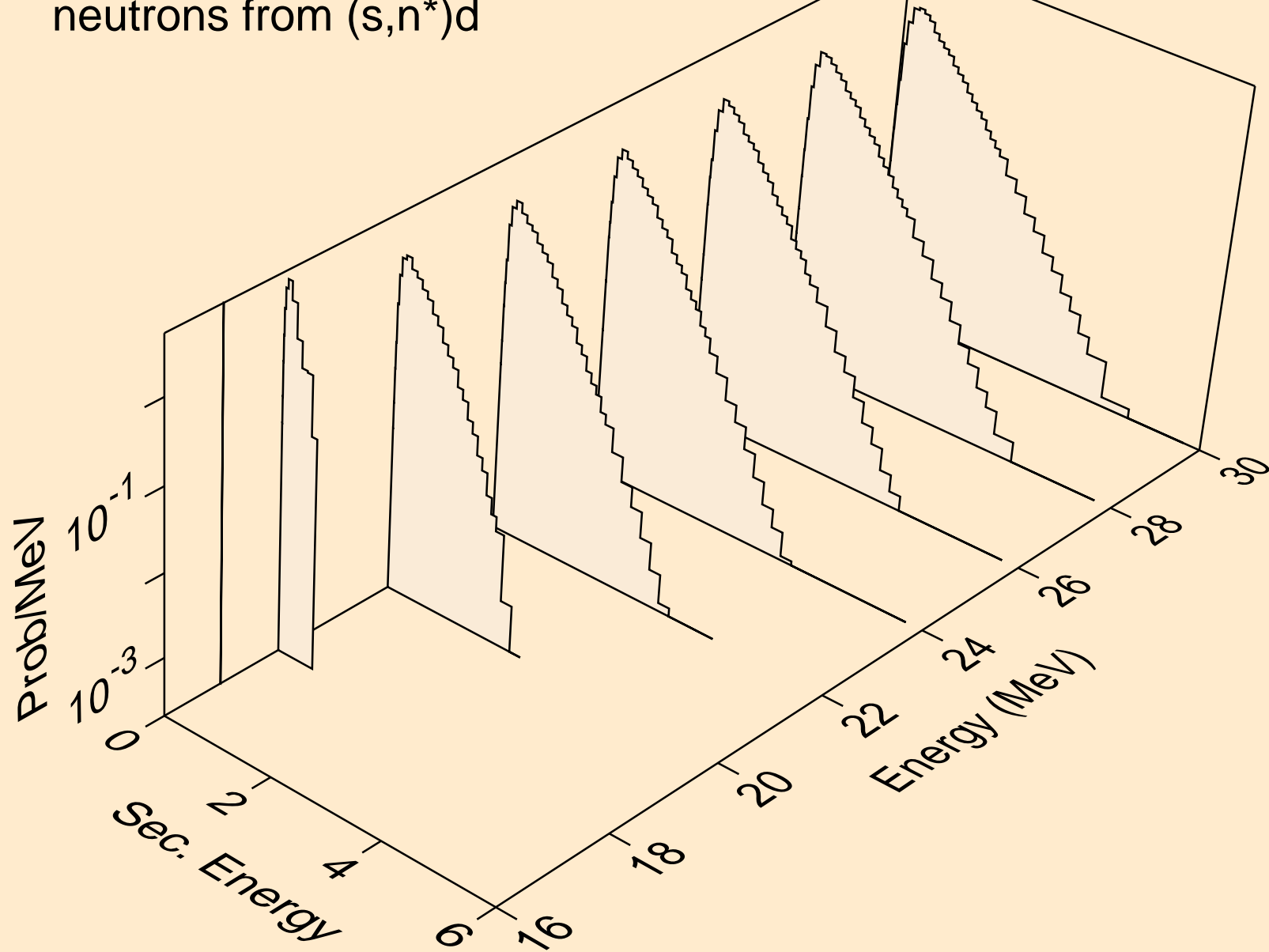
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



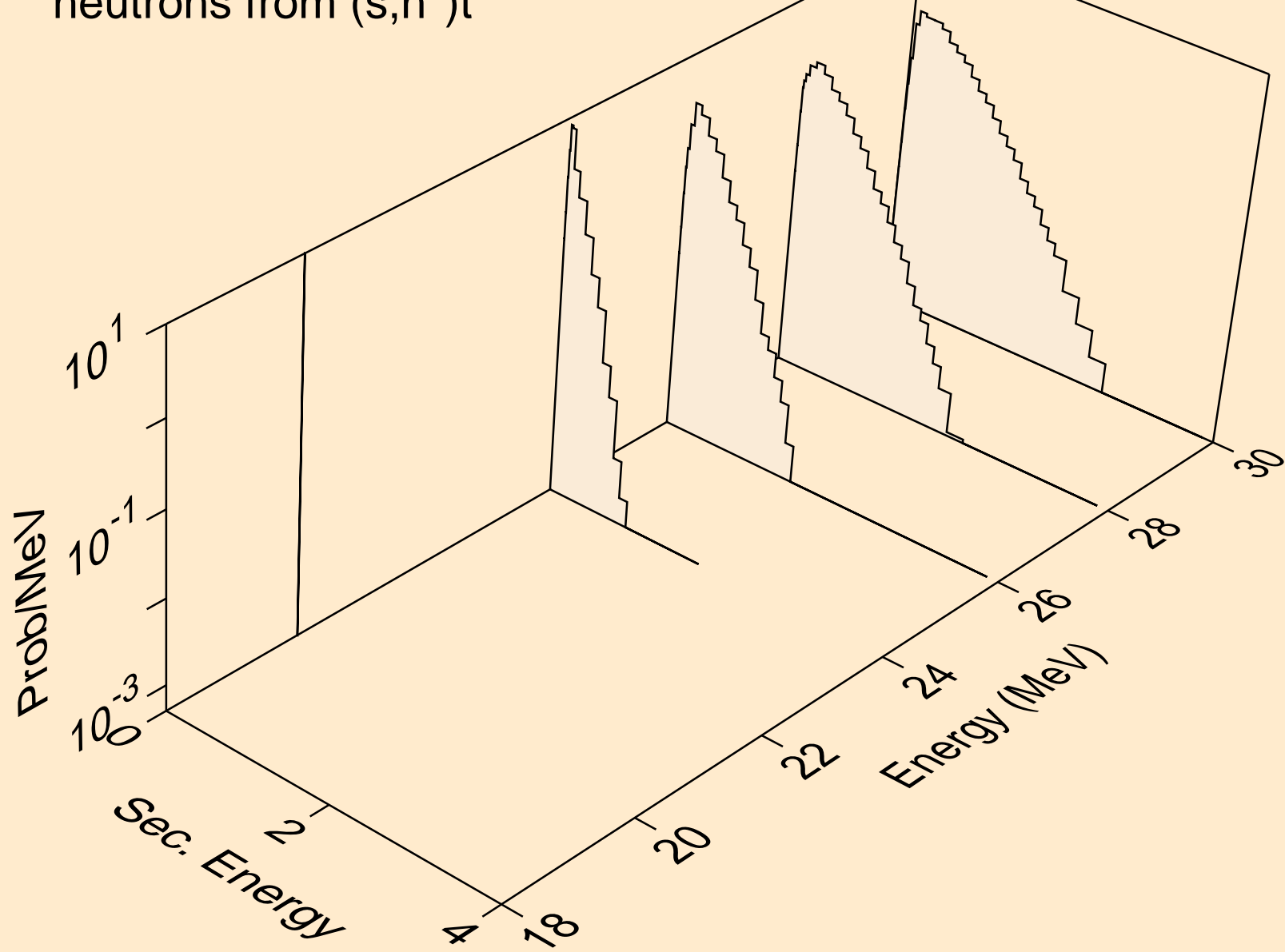
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



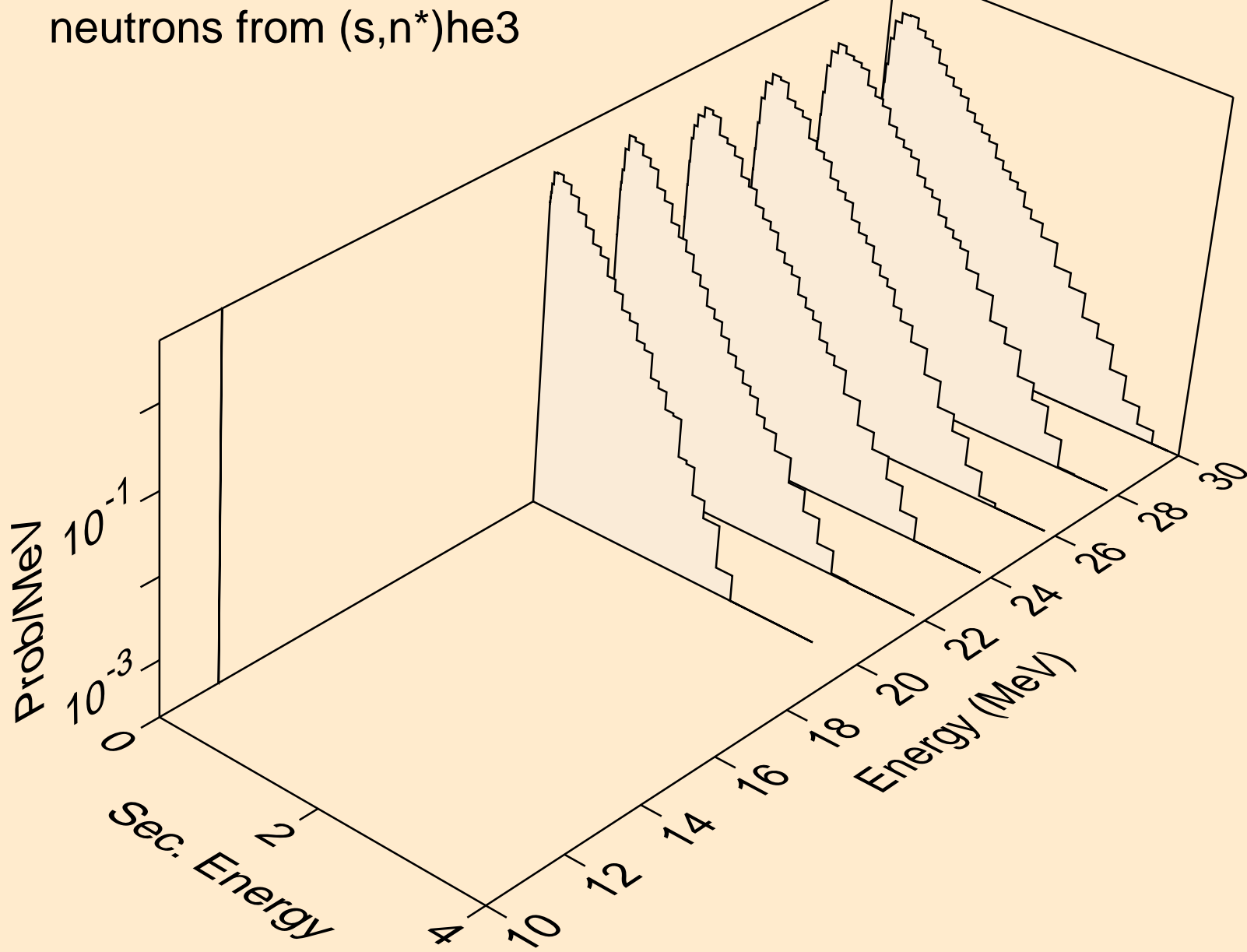
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



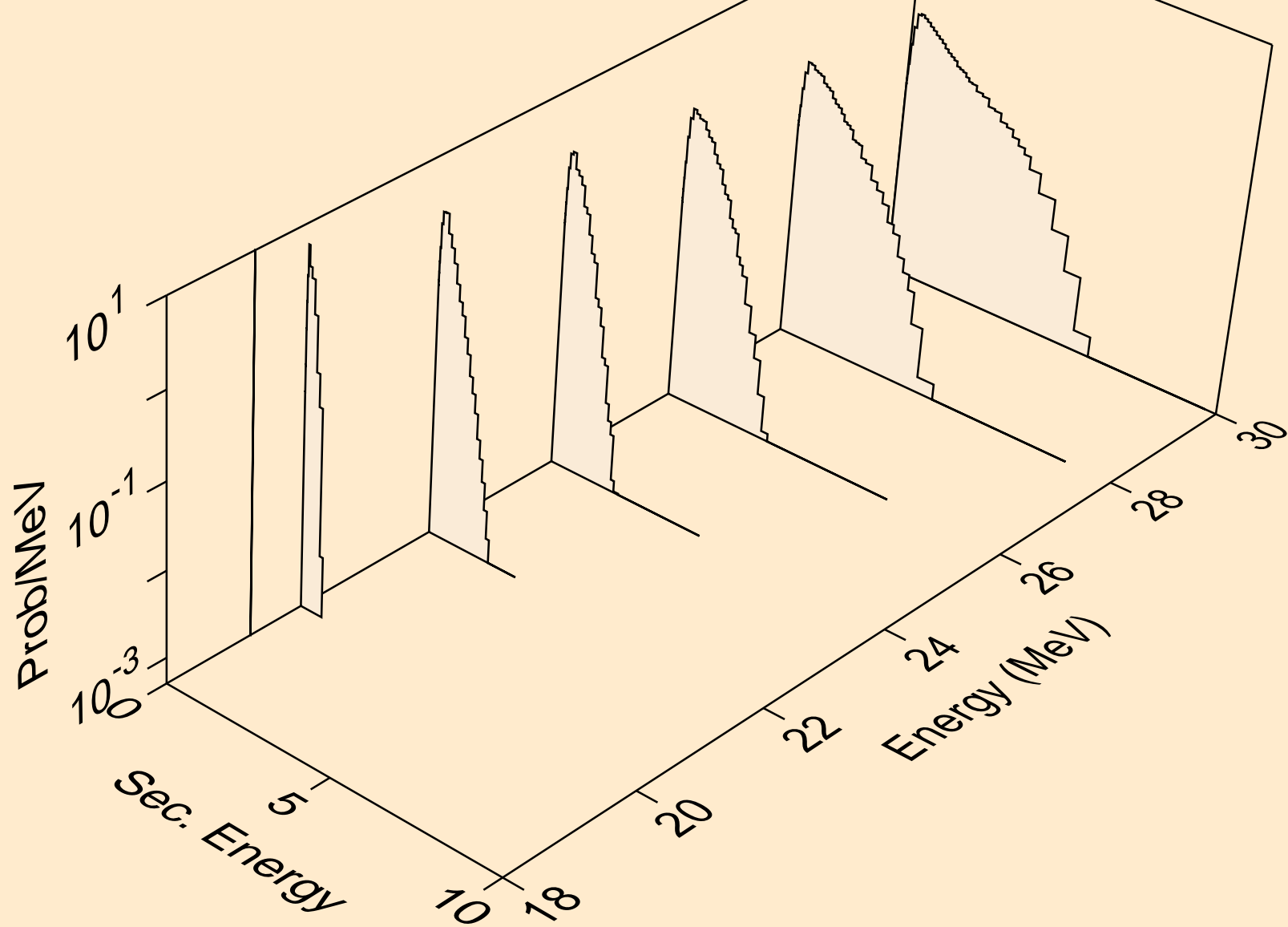
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



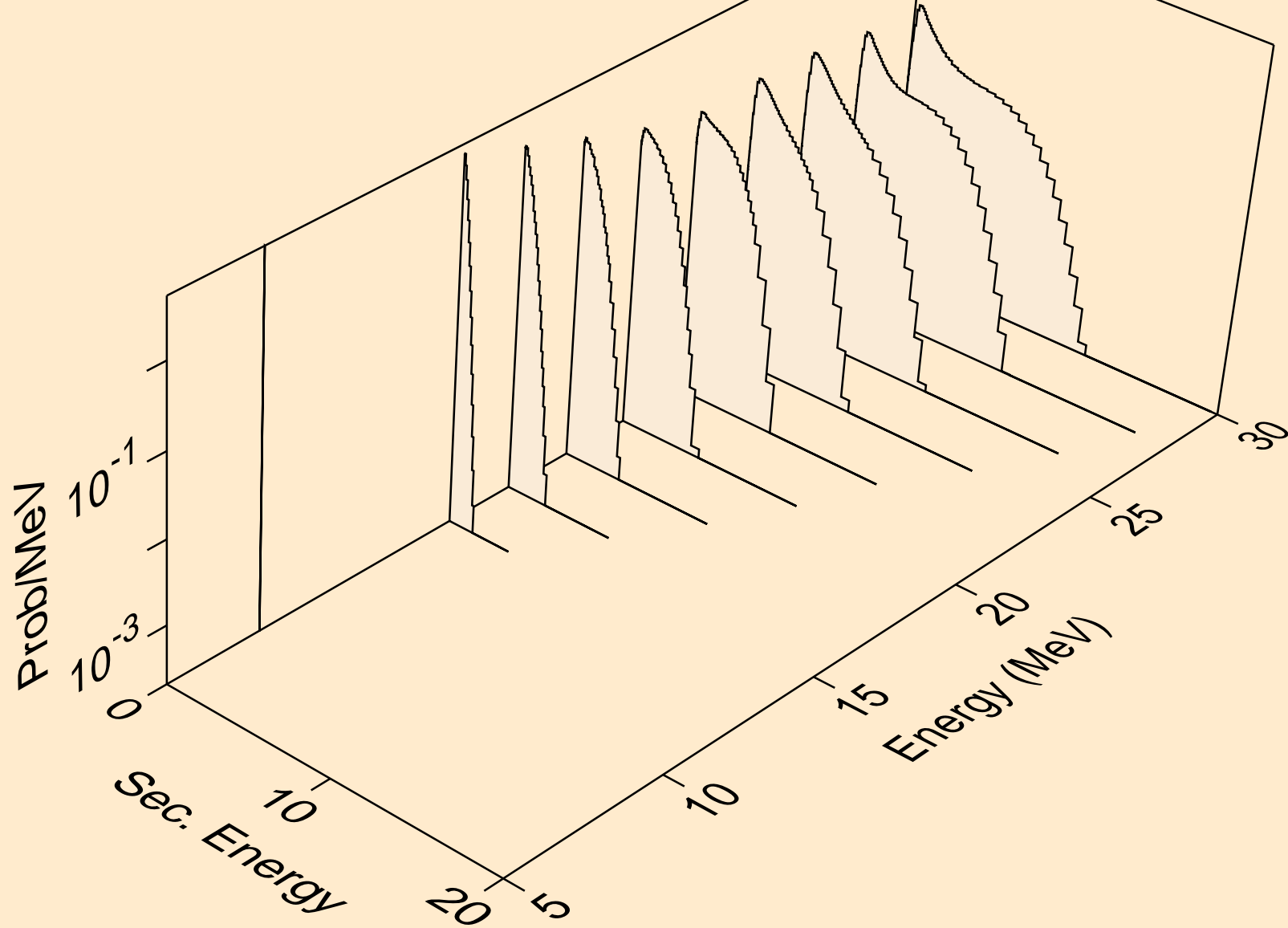
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



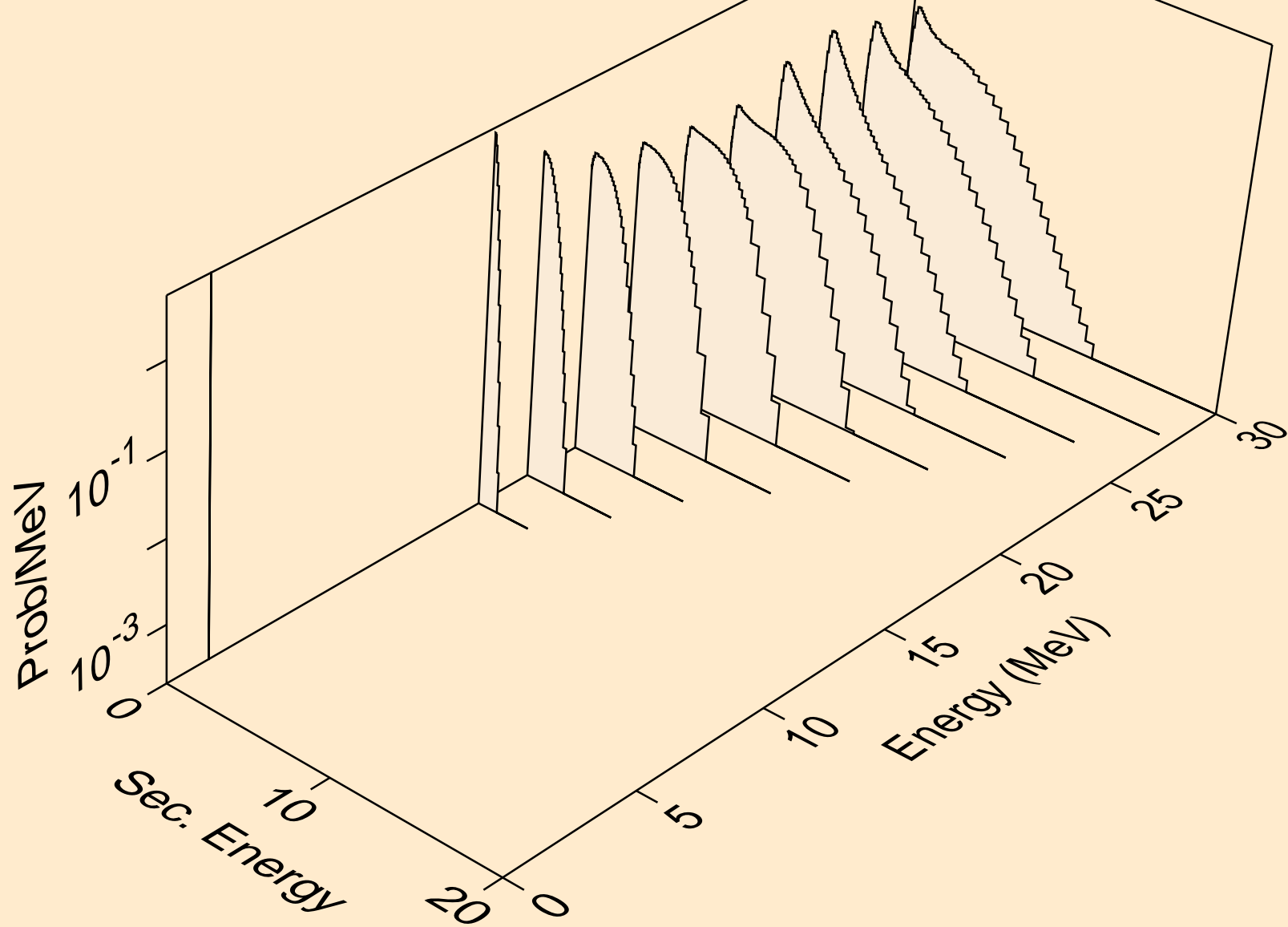
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

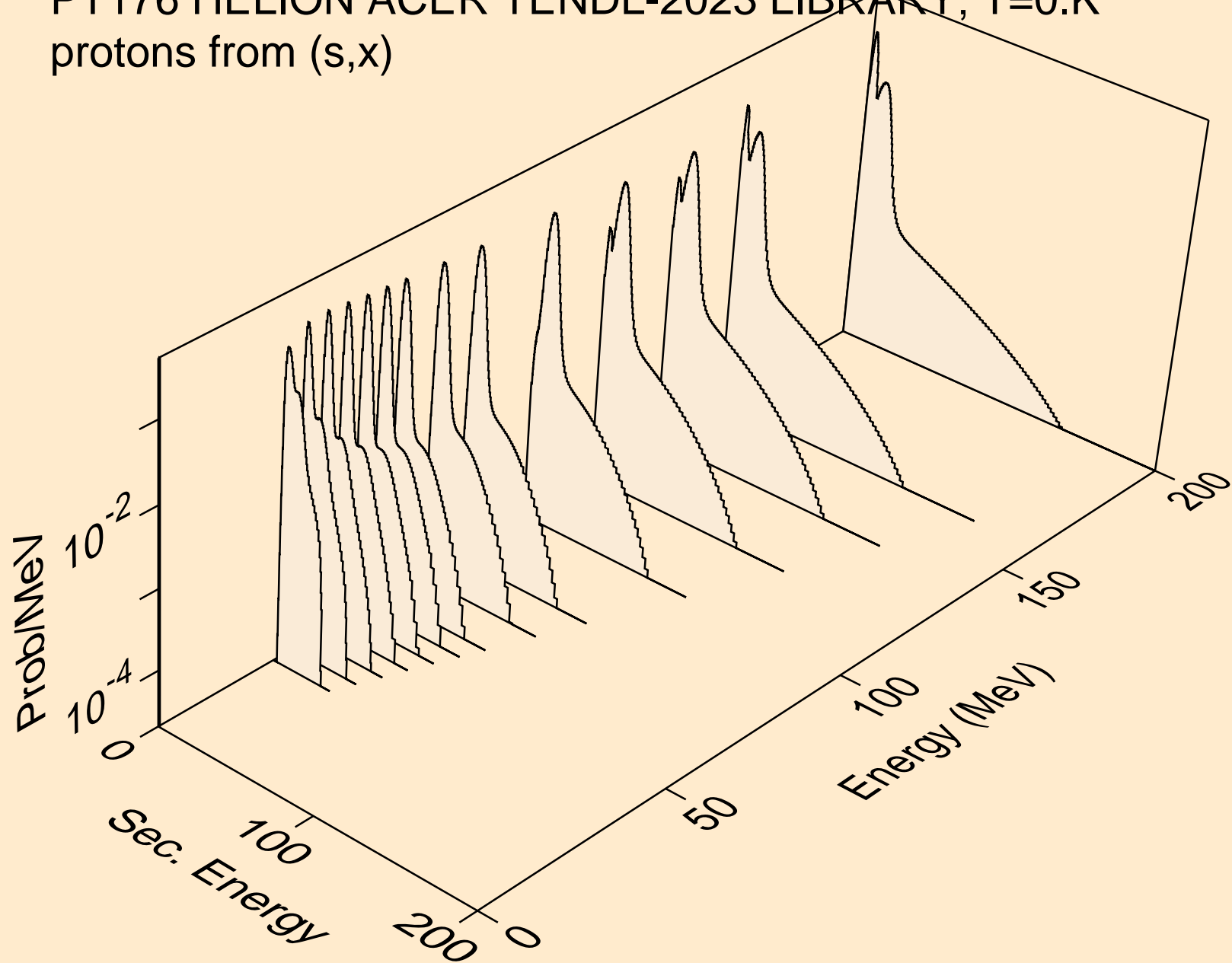


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neutrons from (s,npa)

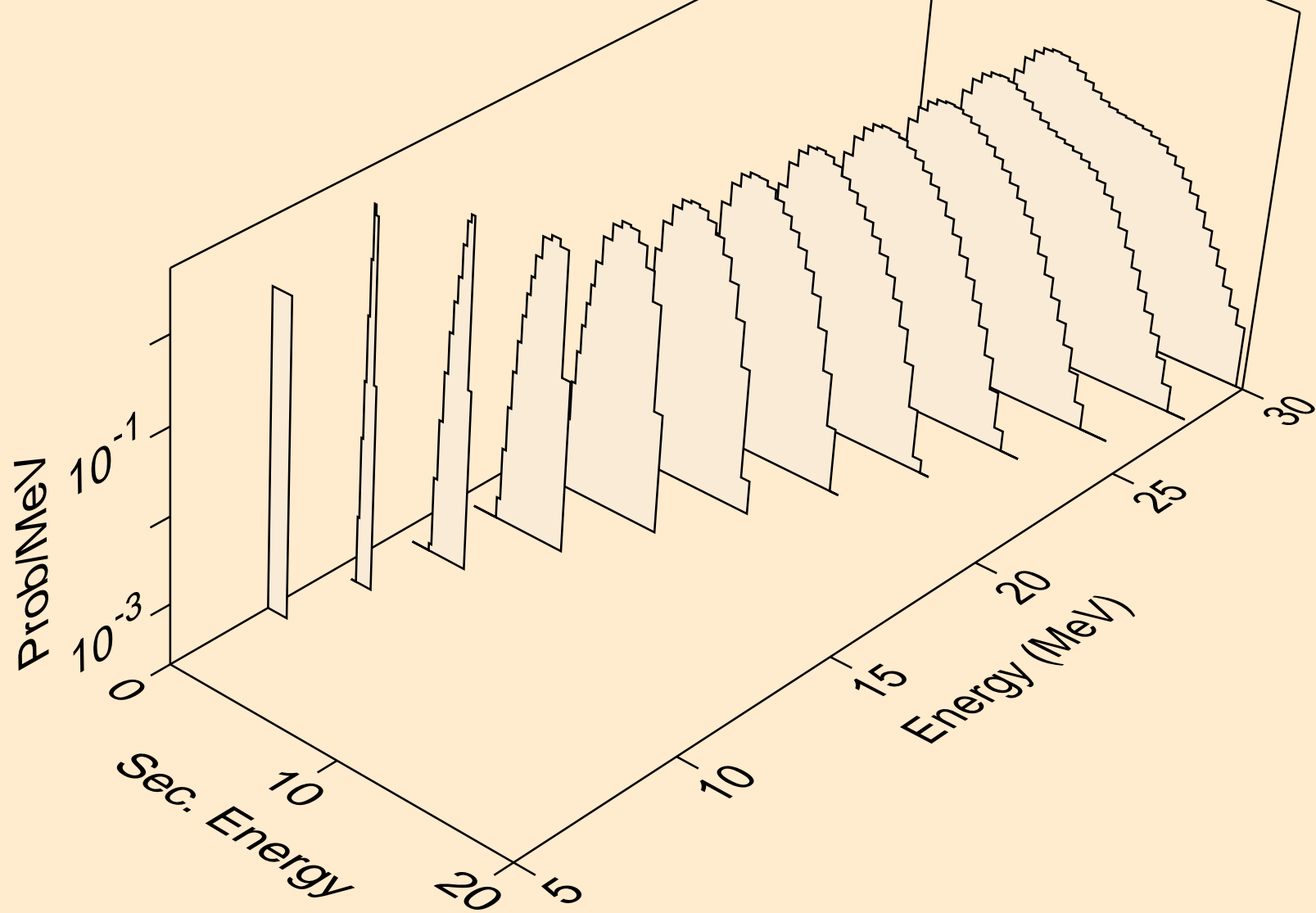




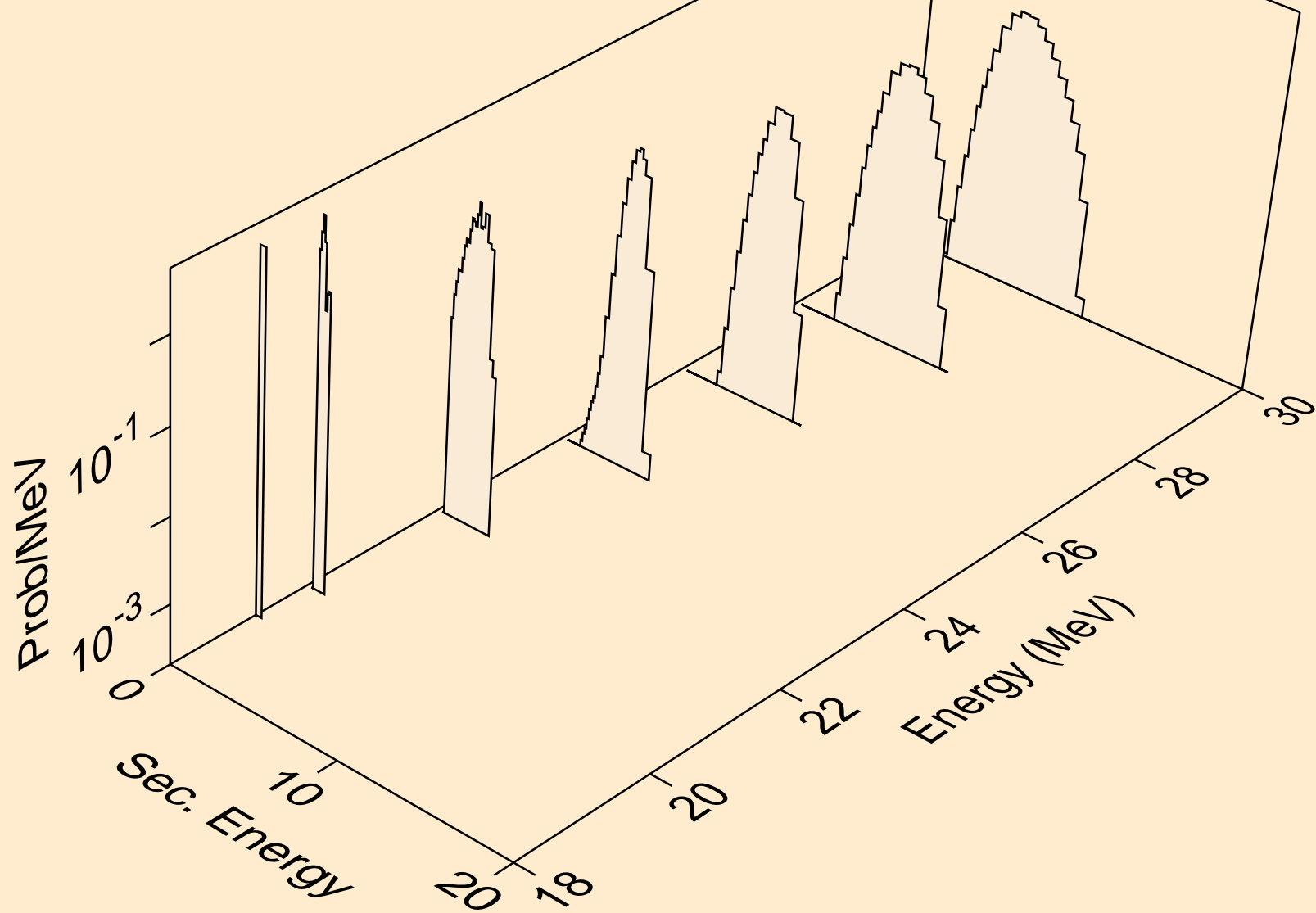
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



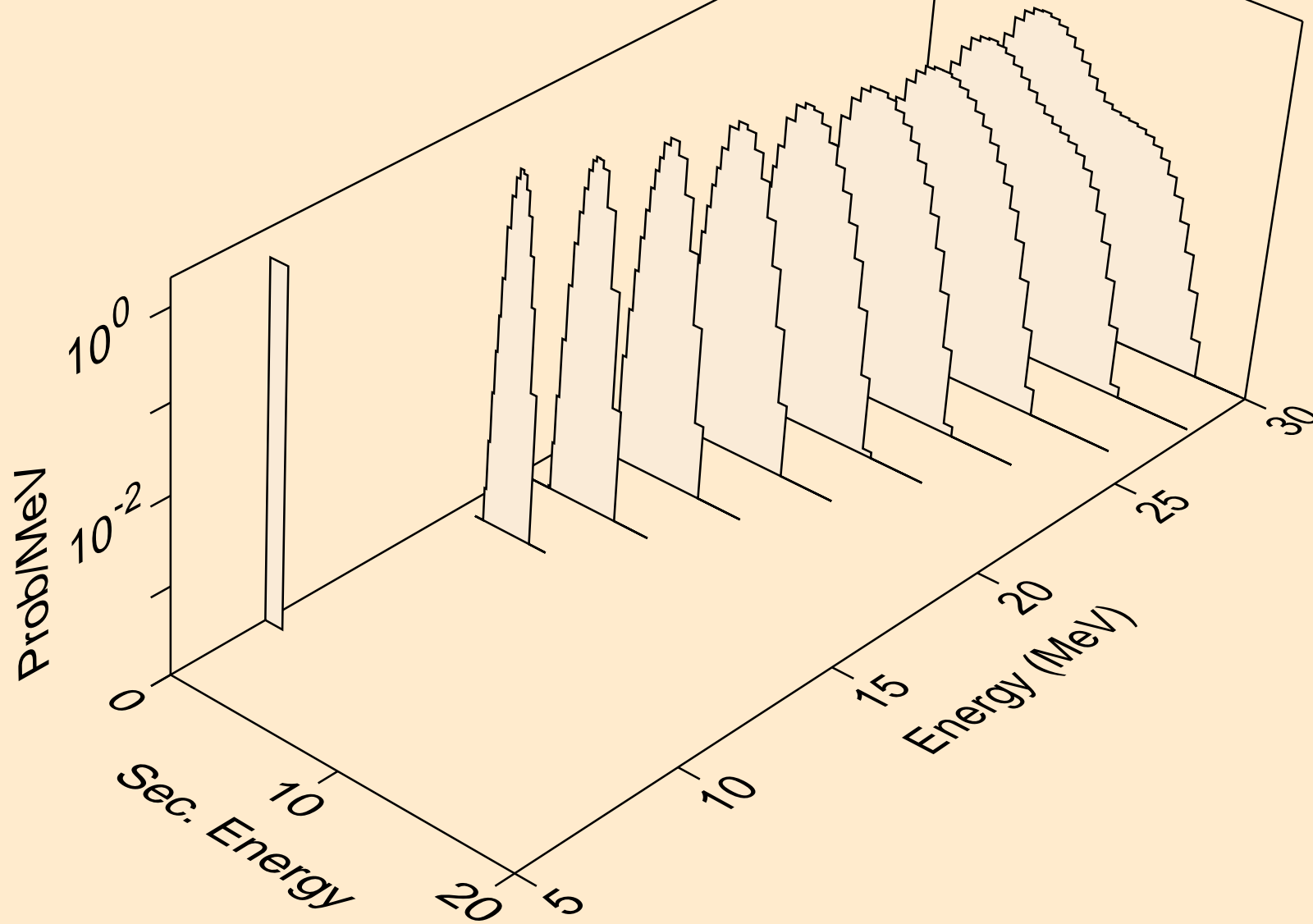
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



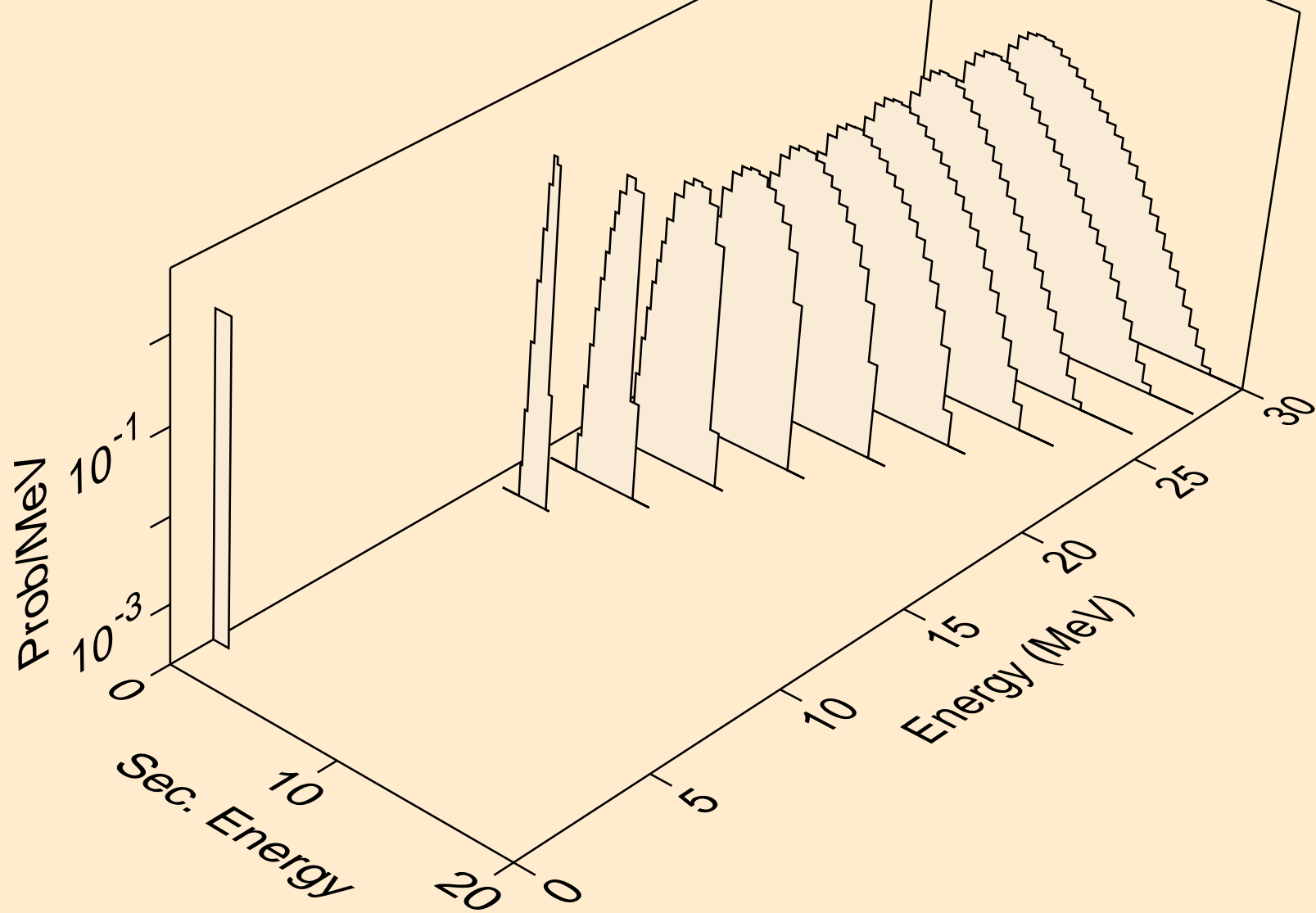
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



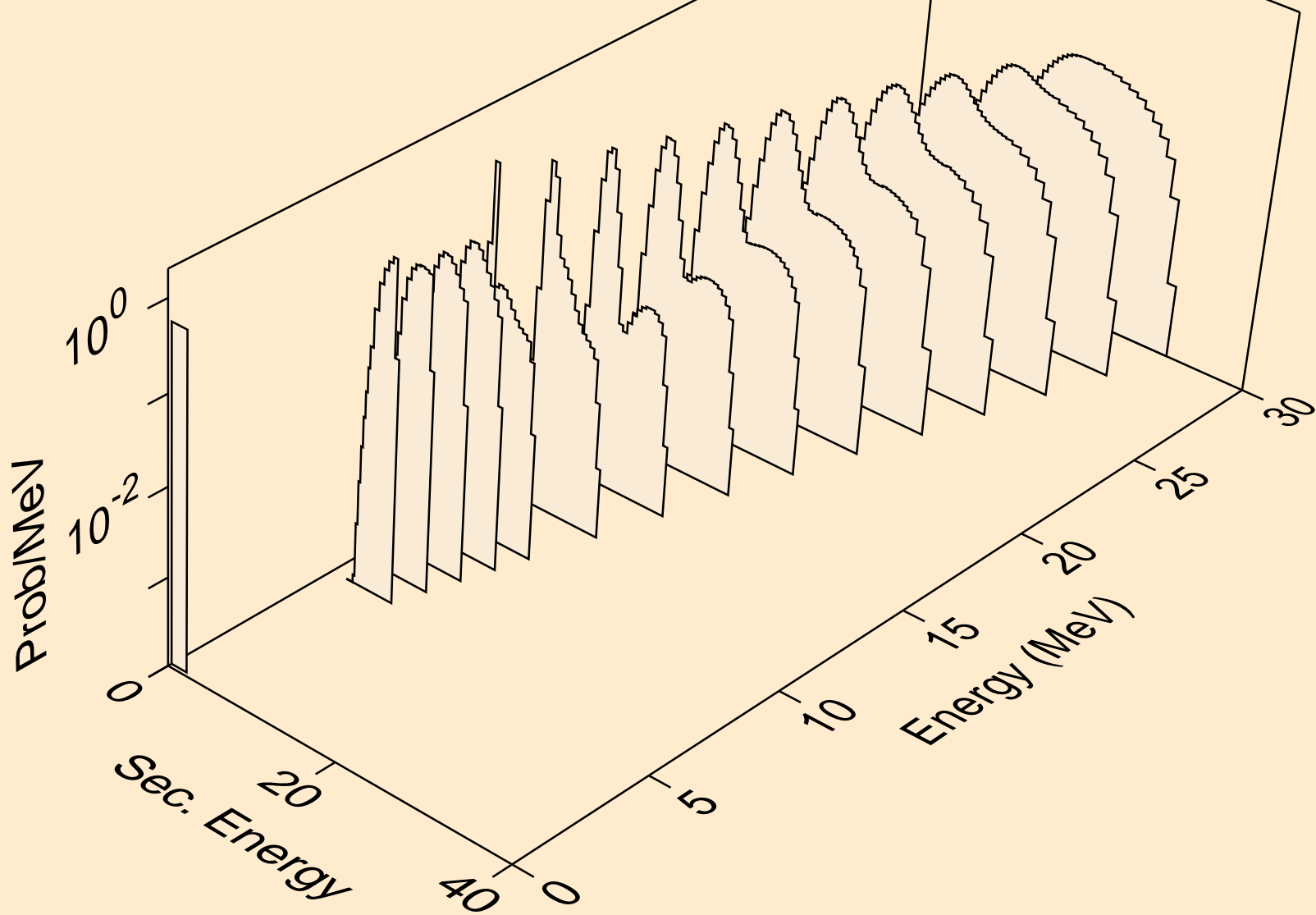
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



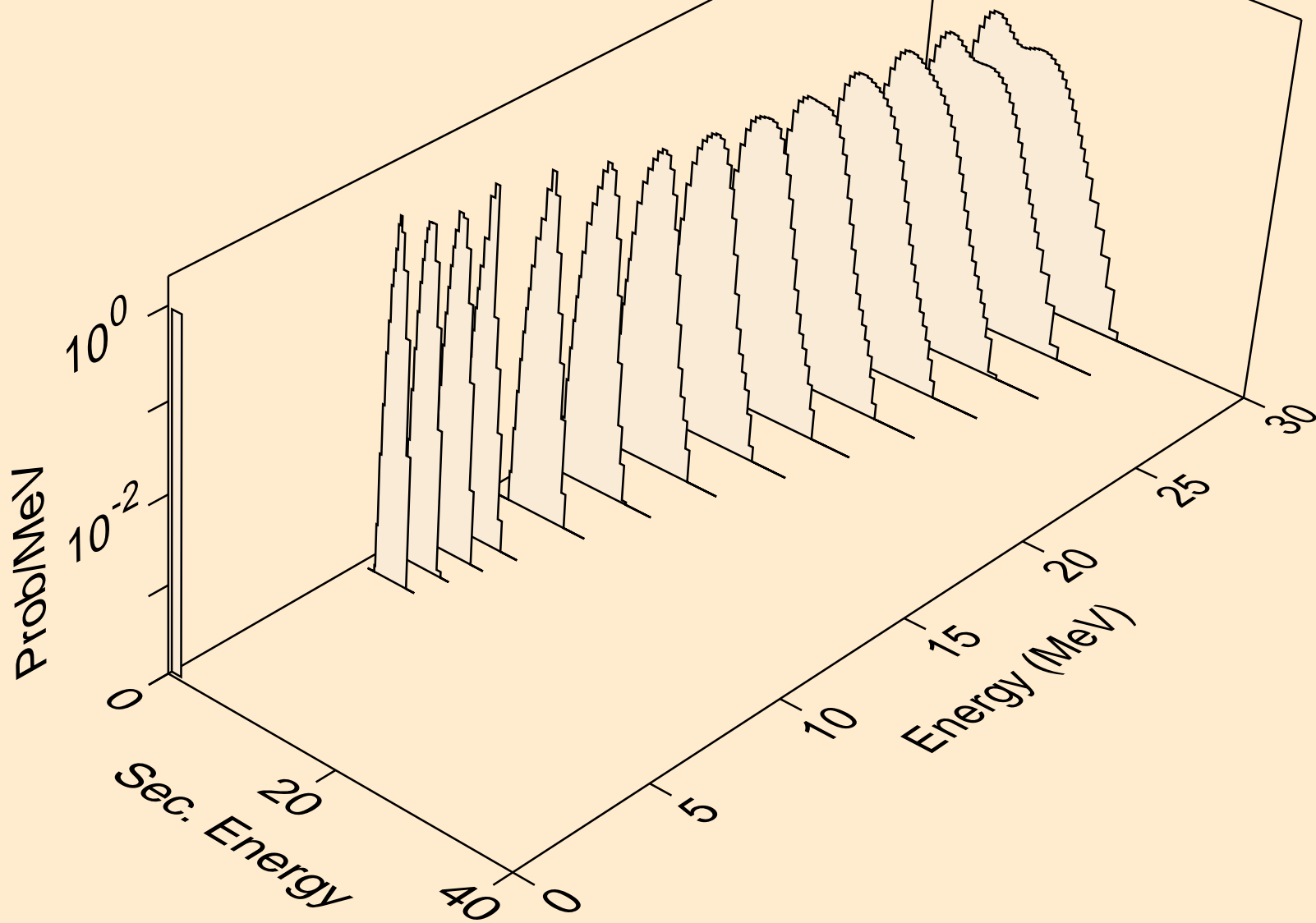
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



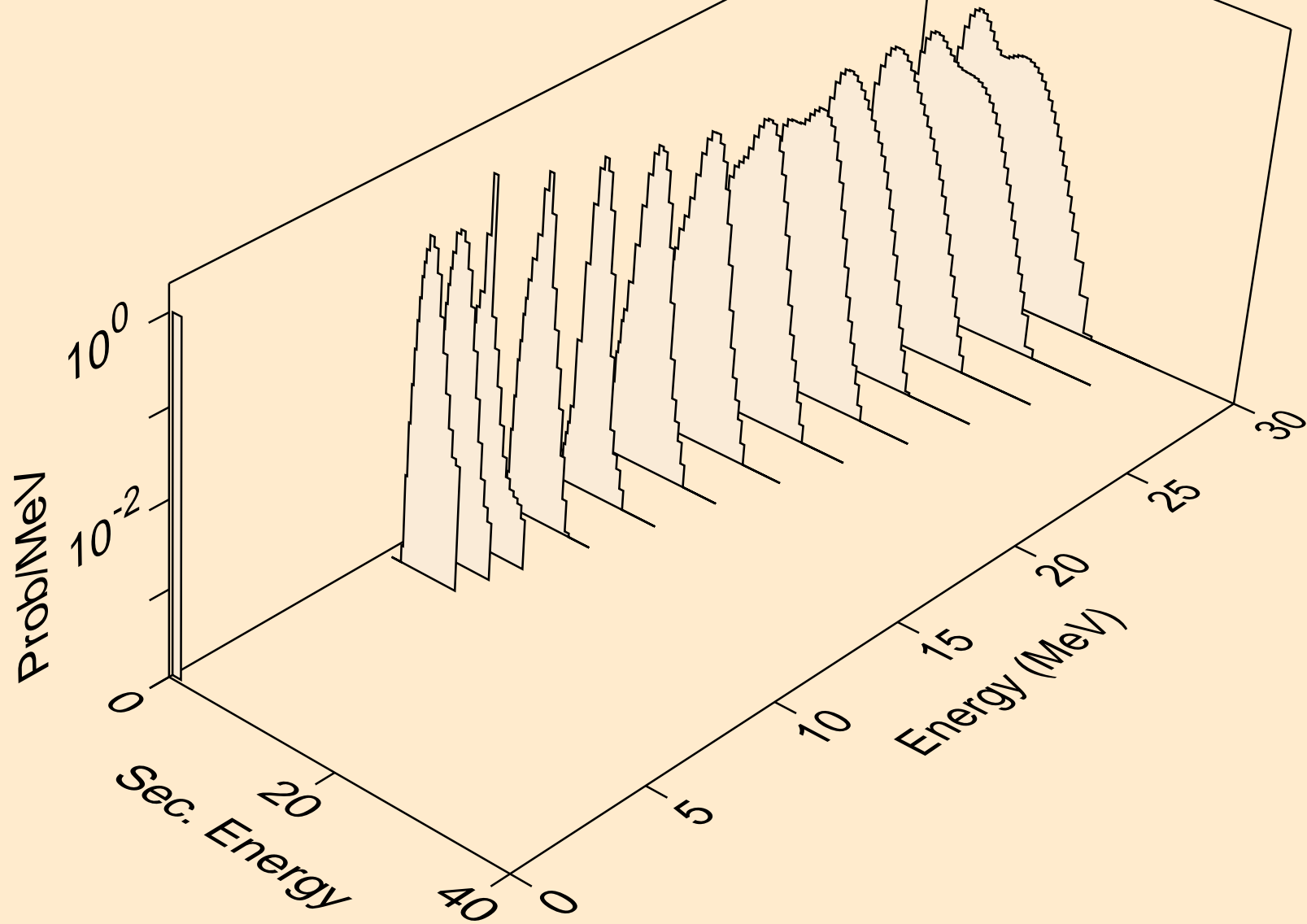
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

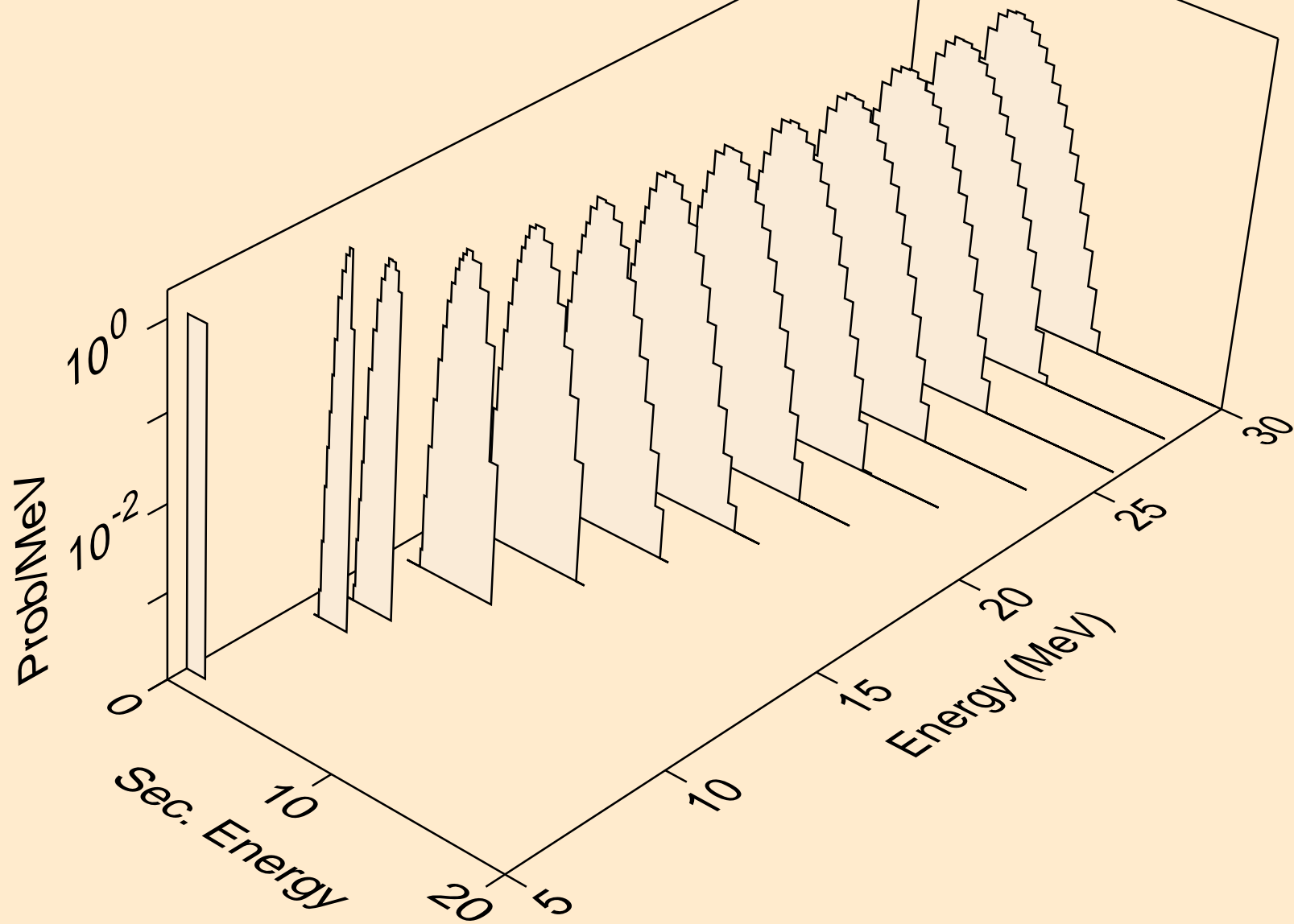


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

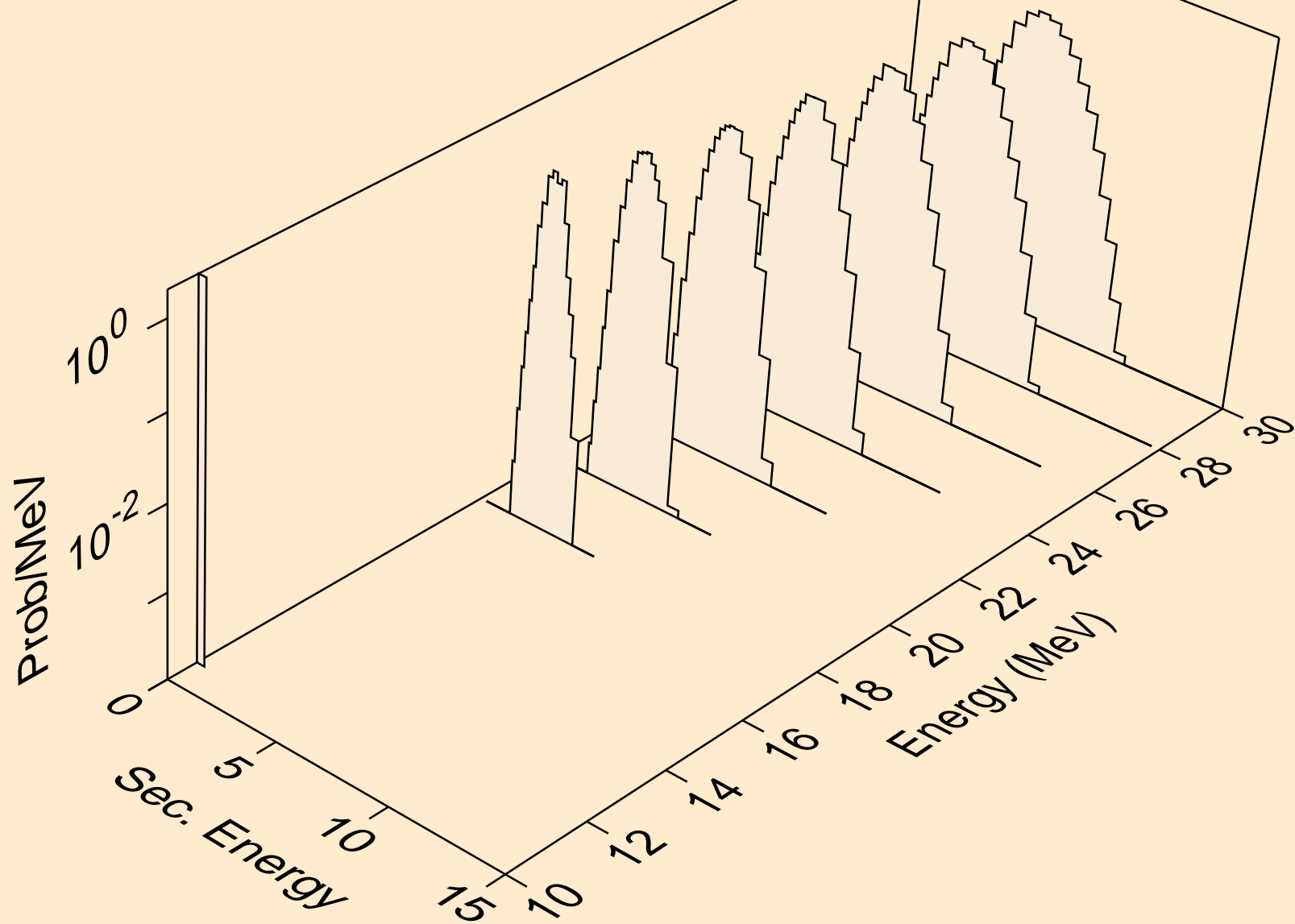




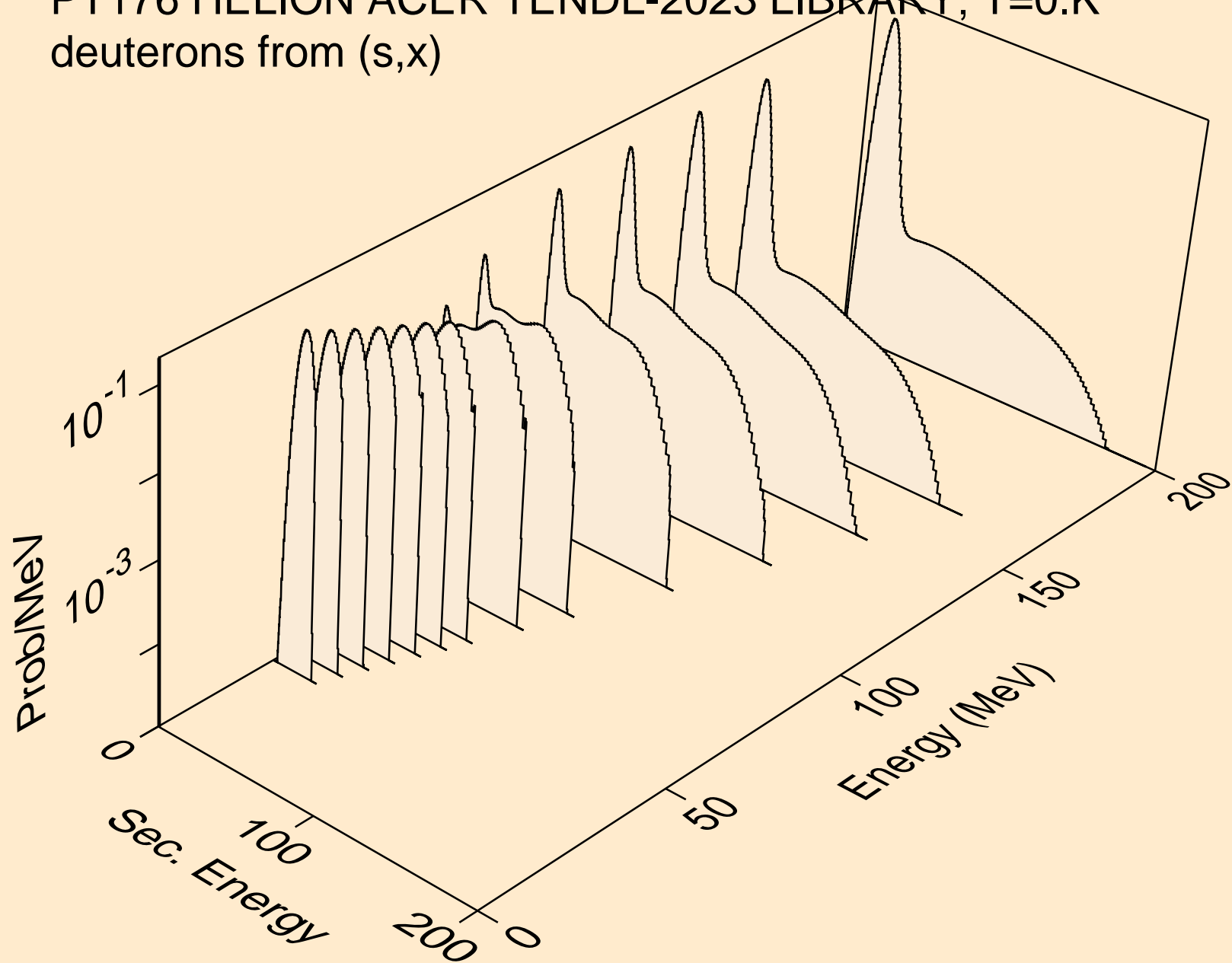
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



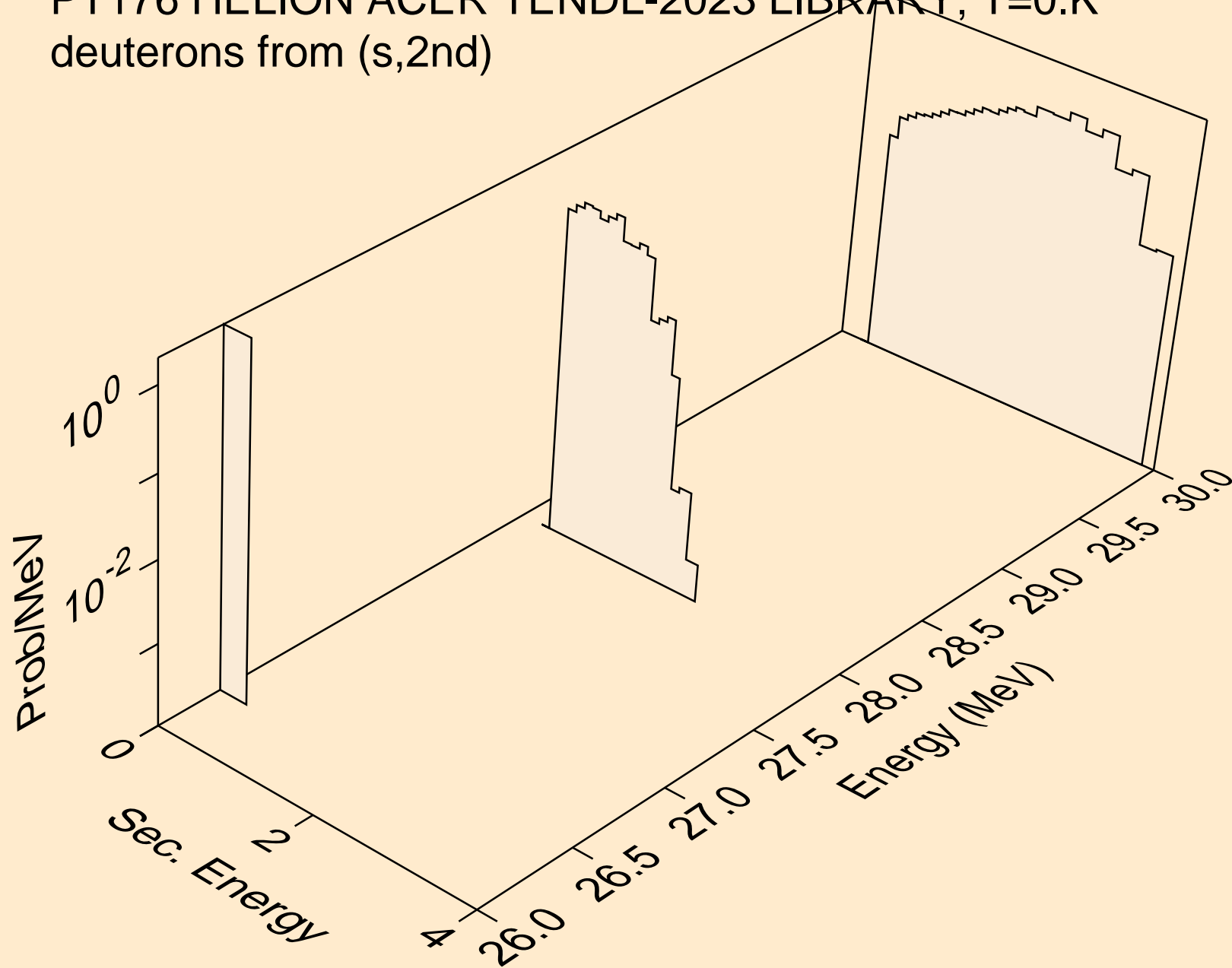
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



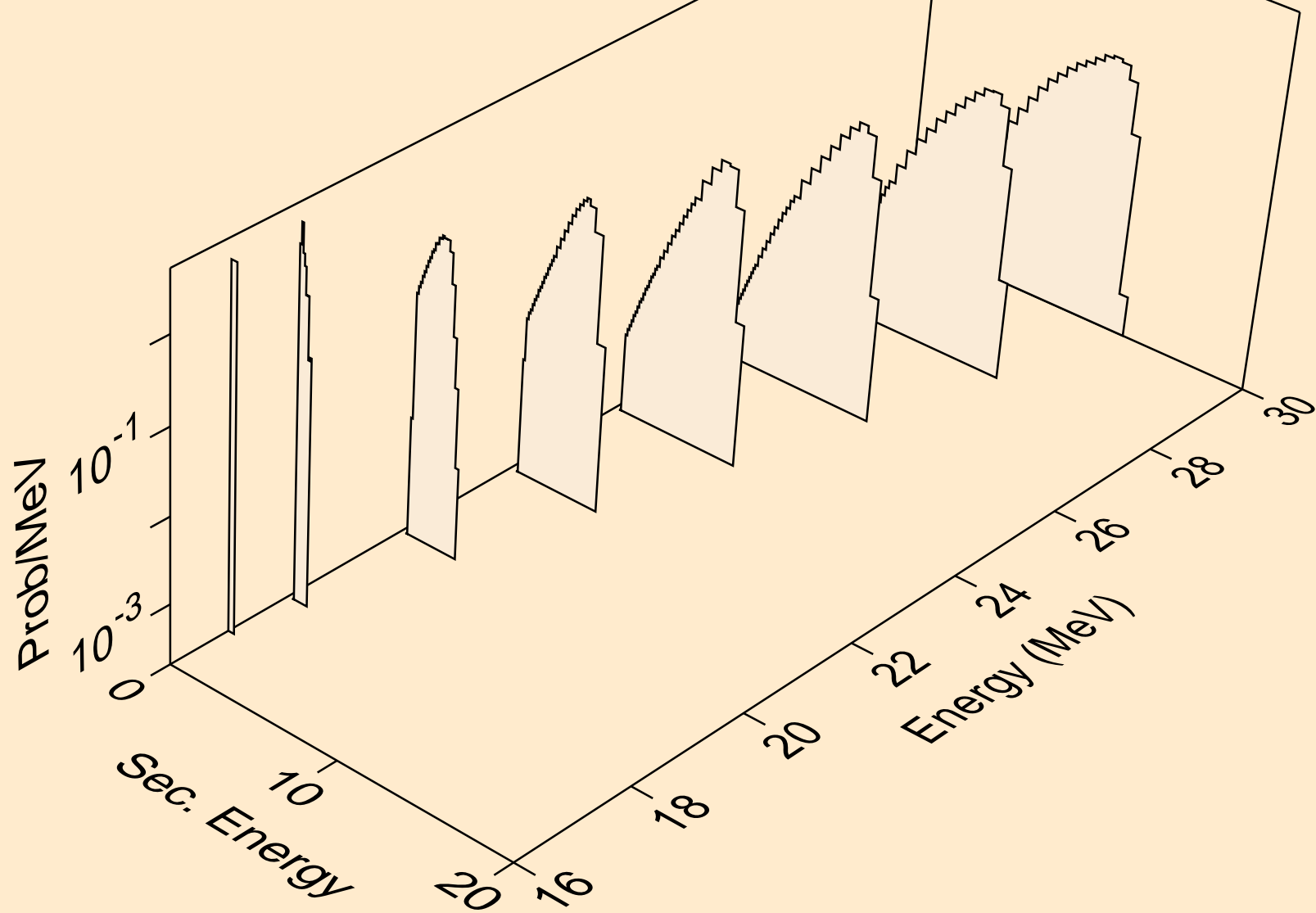
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



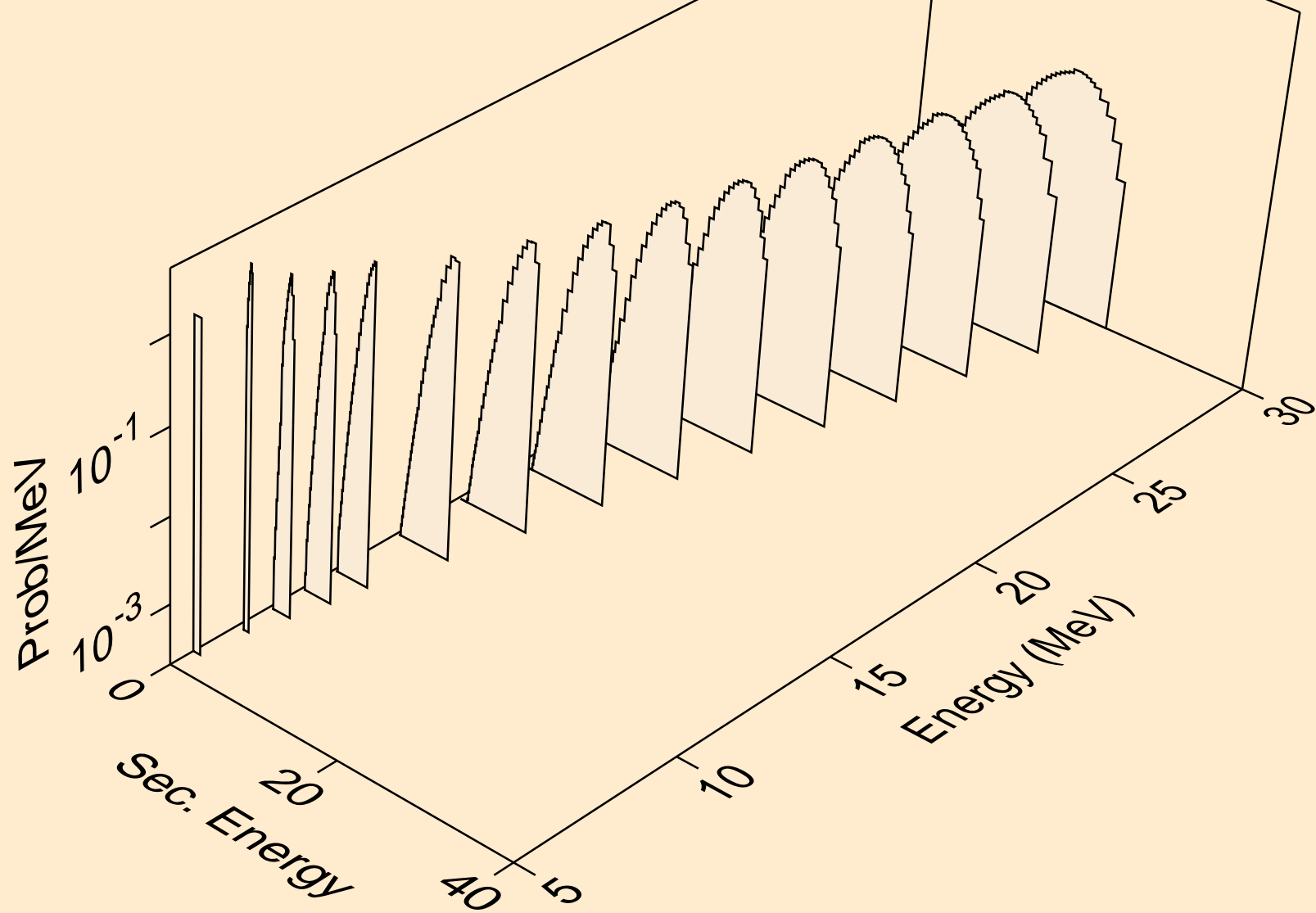
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



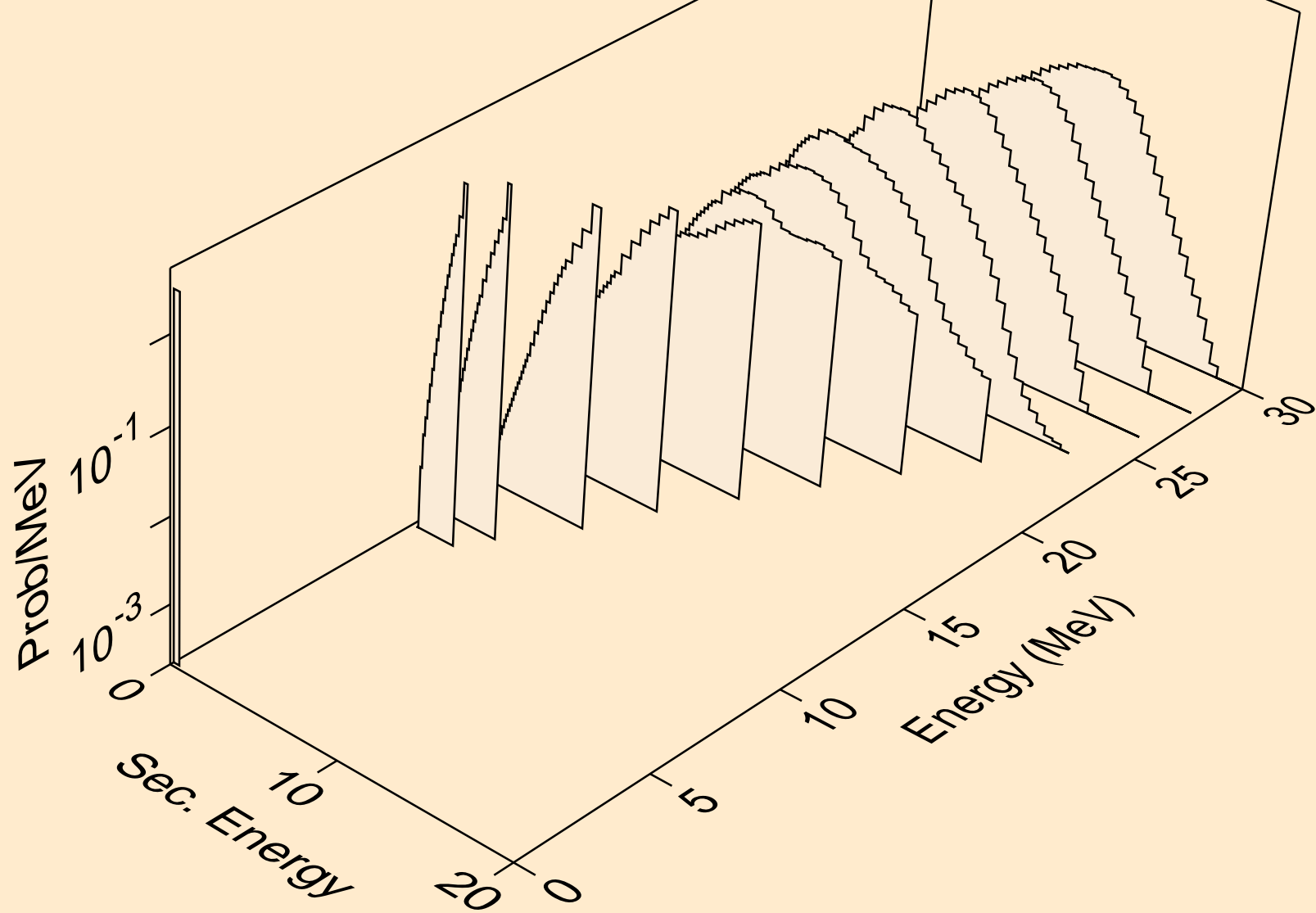
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



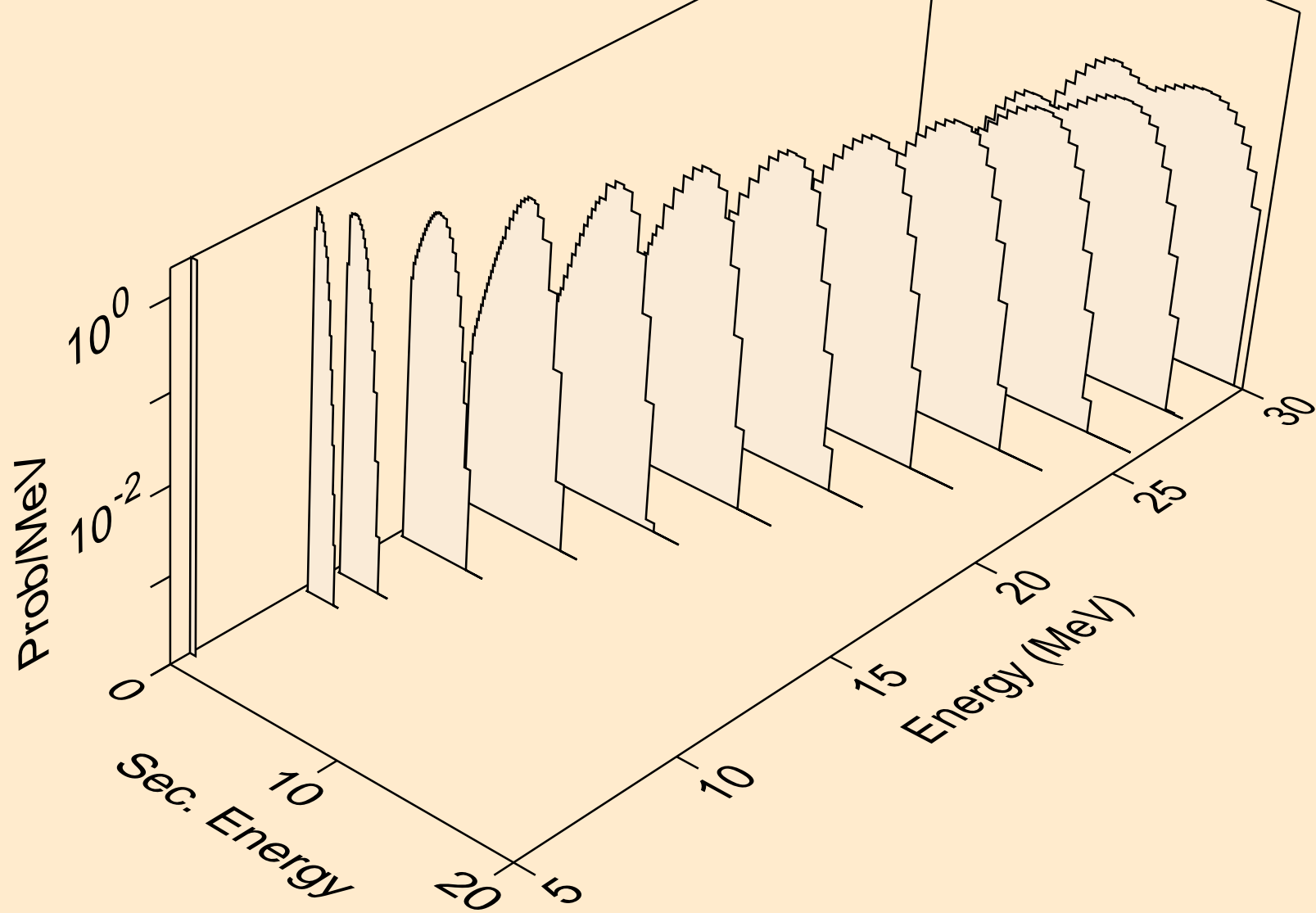
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d2a)

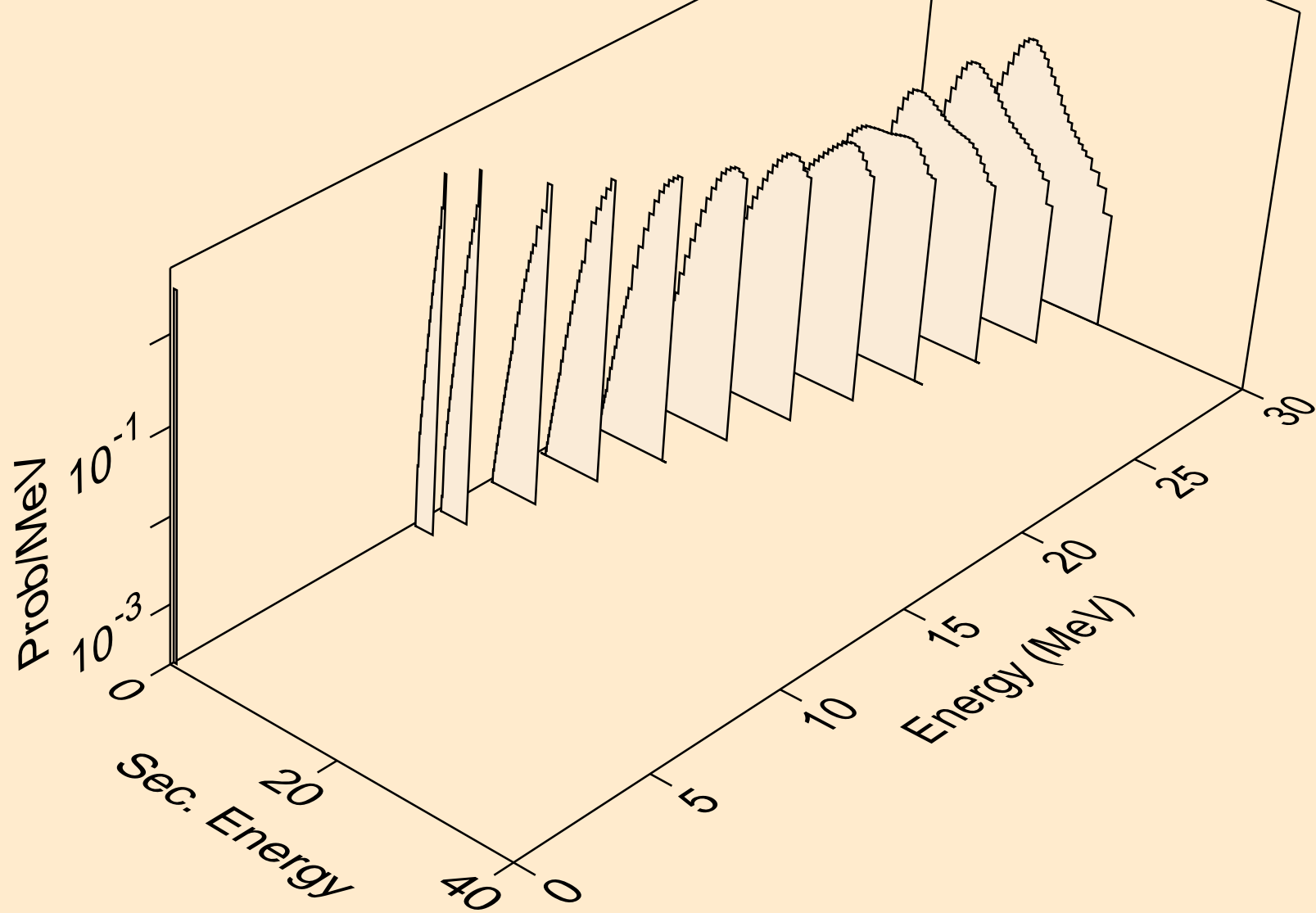


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

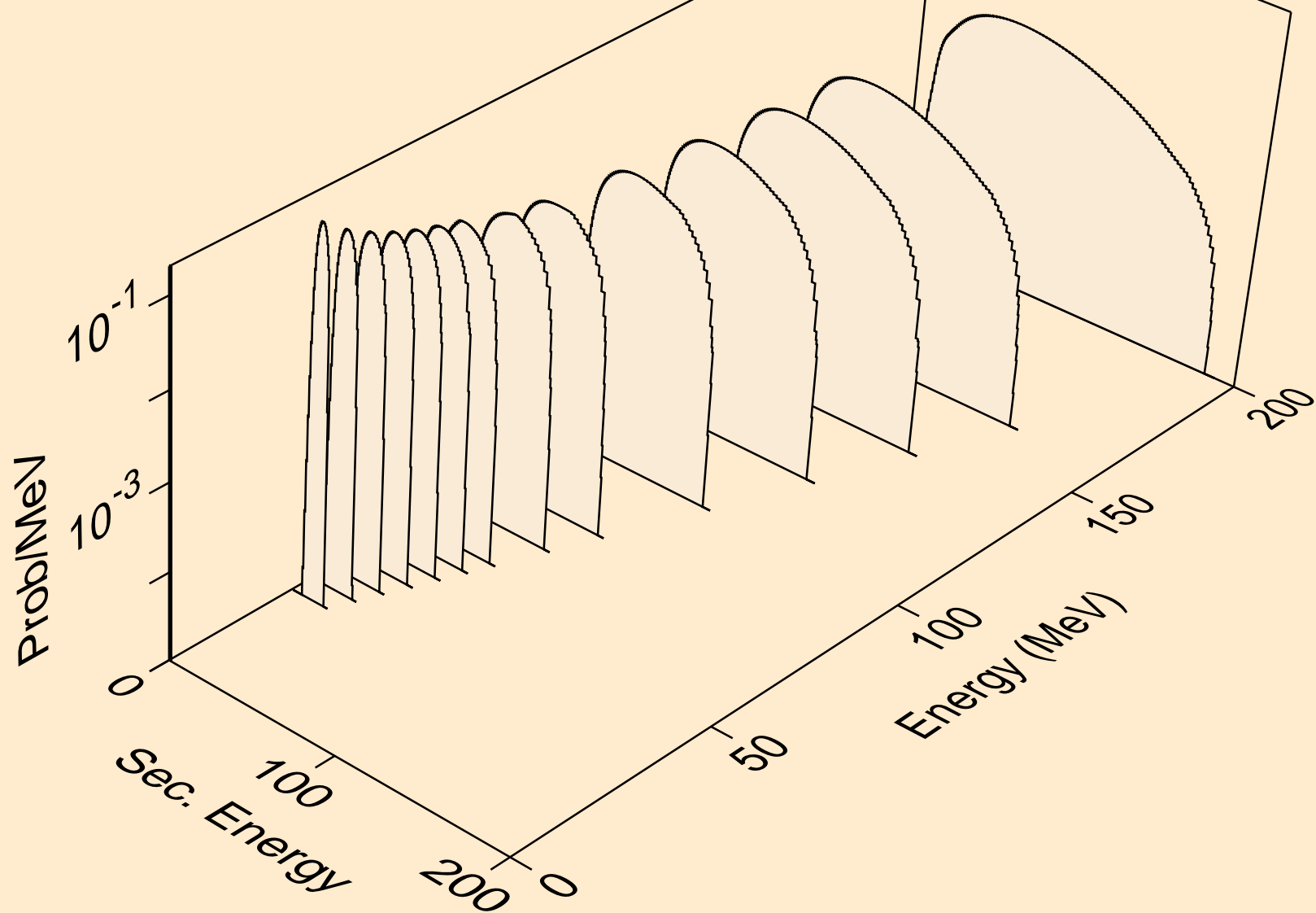




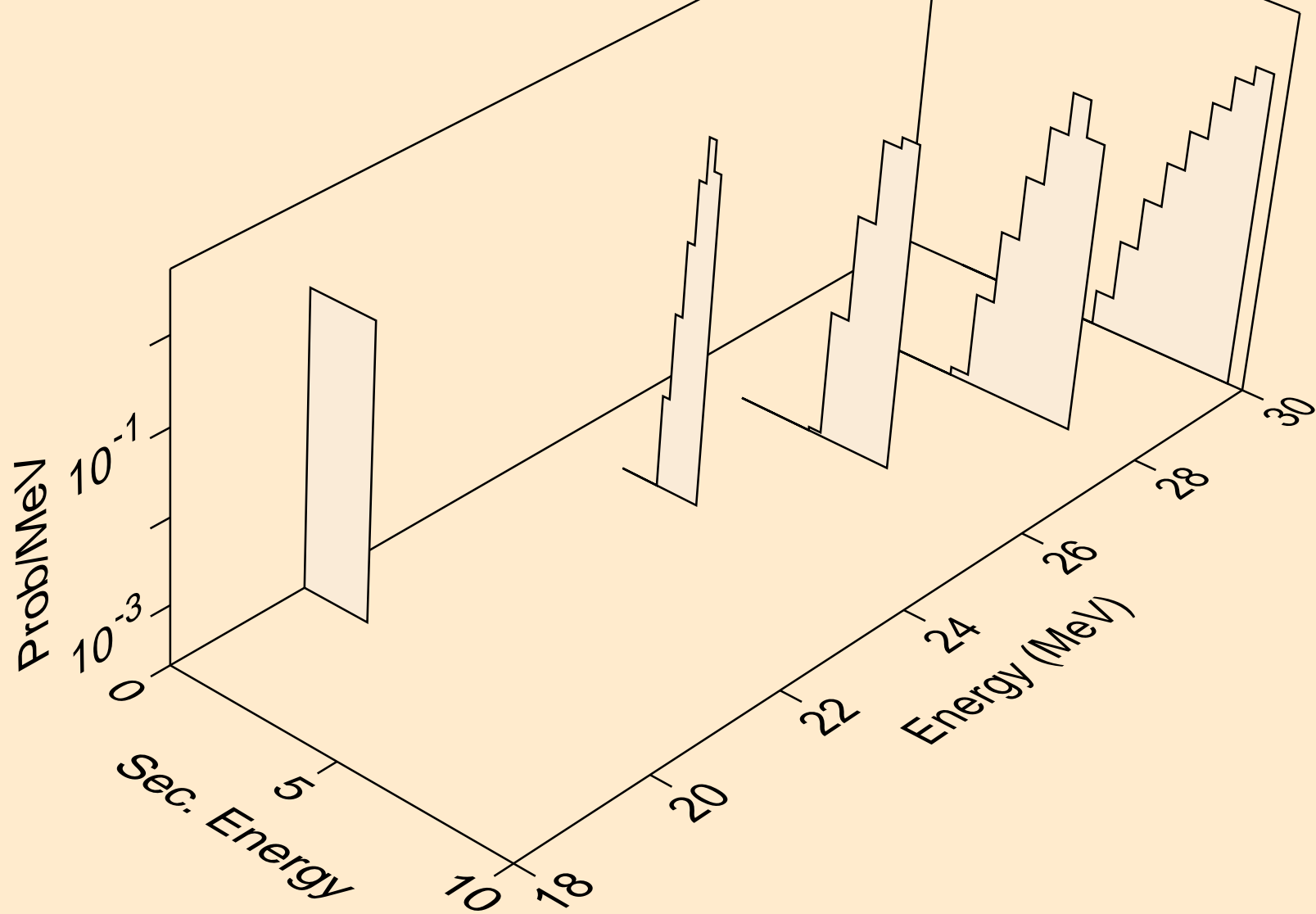
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



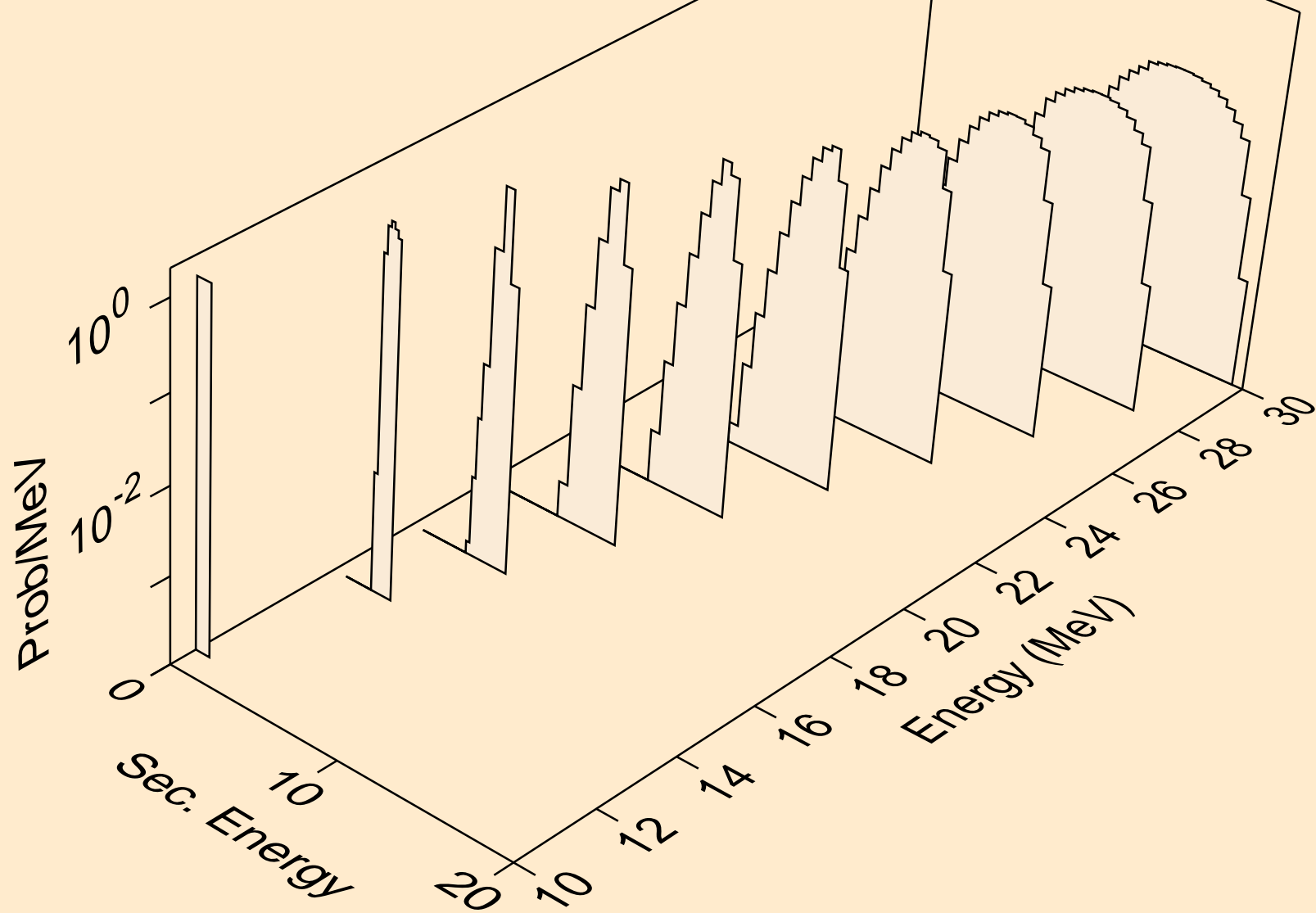
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



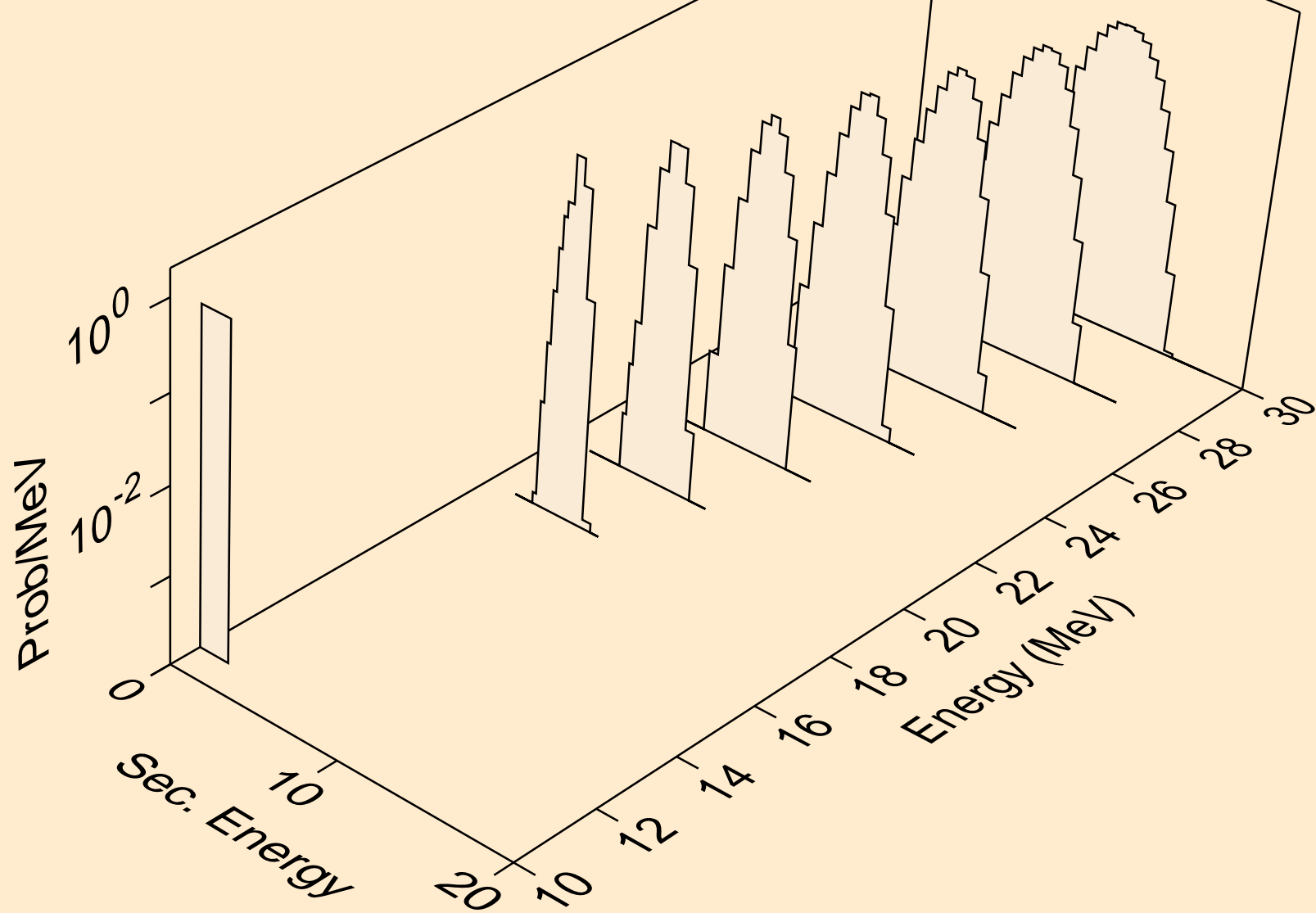
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



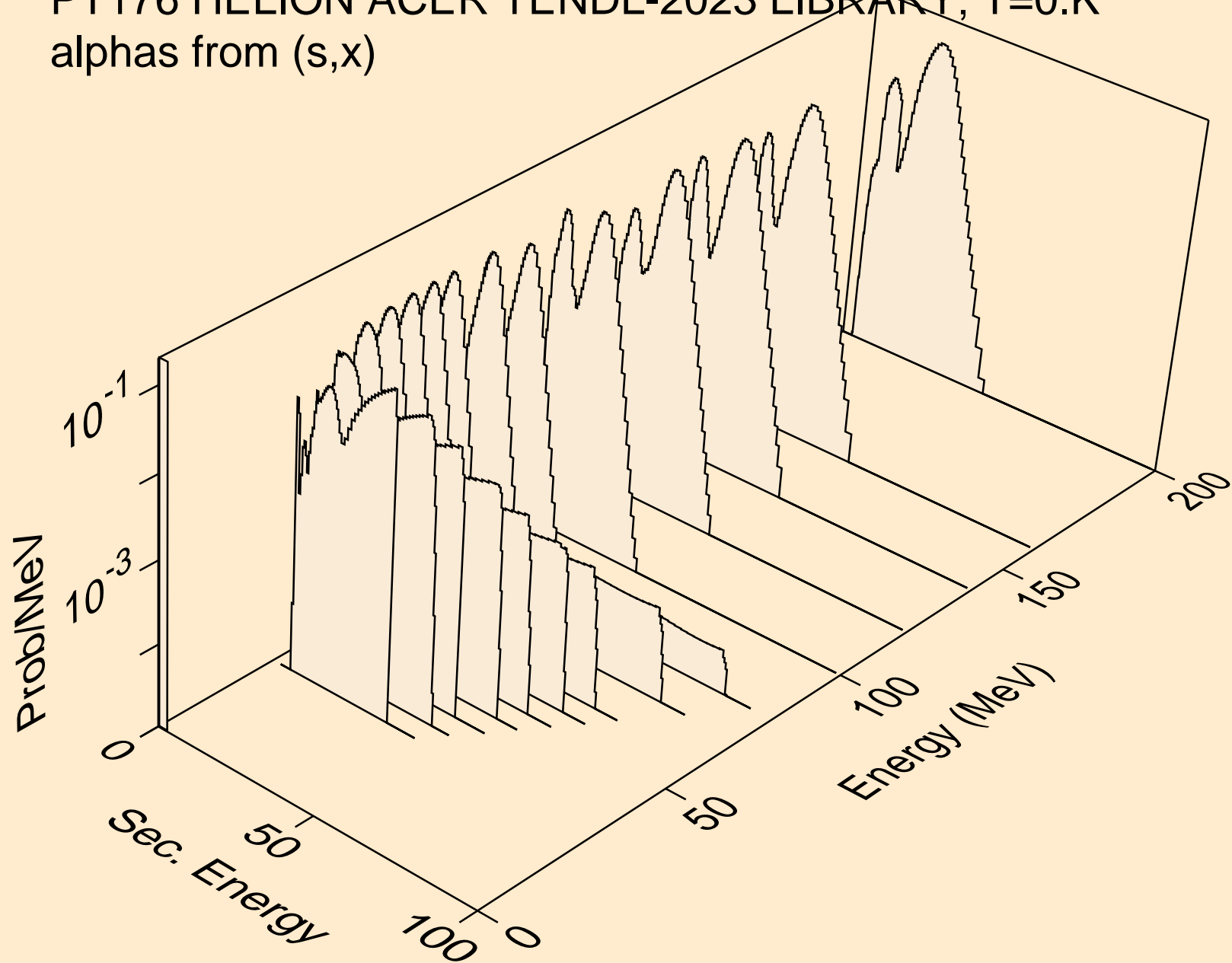
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tritons from (s,t)



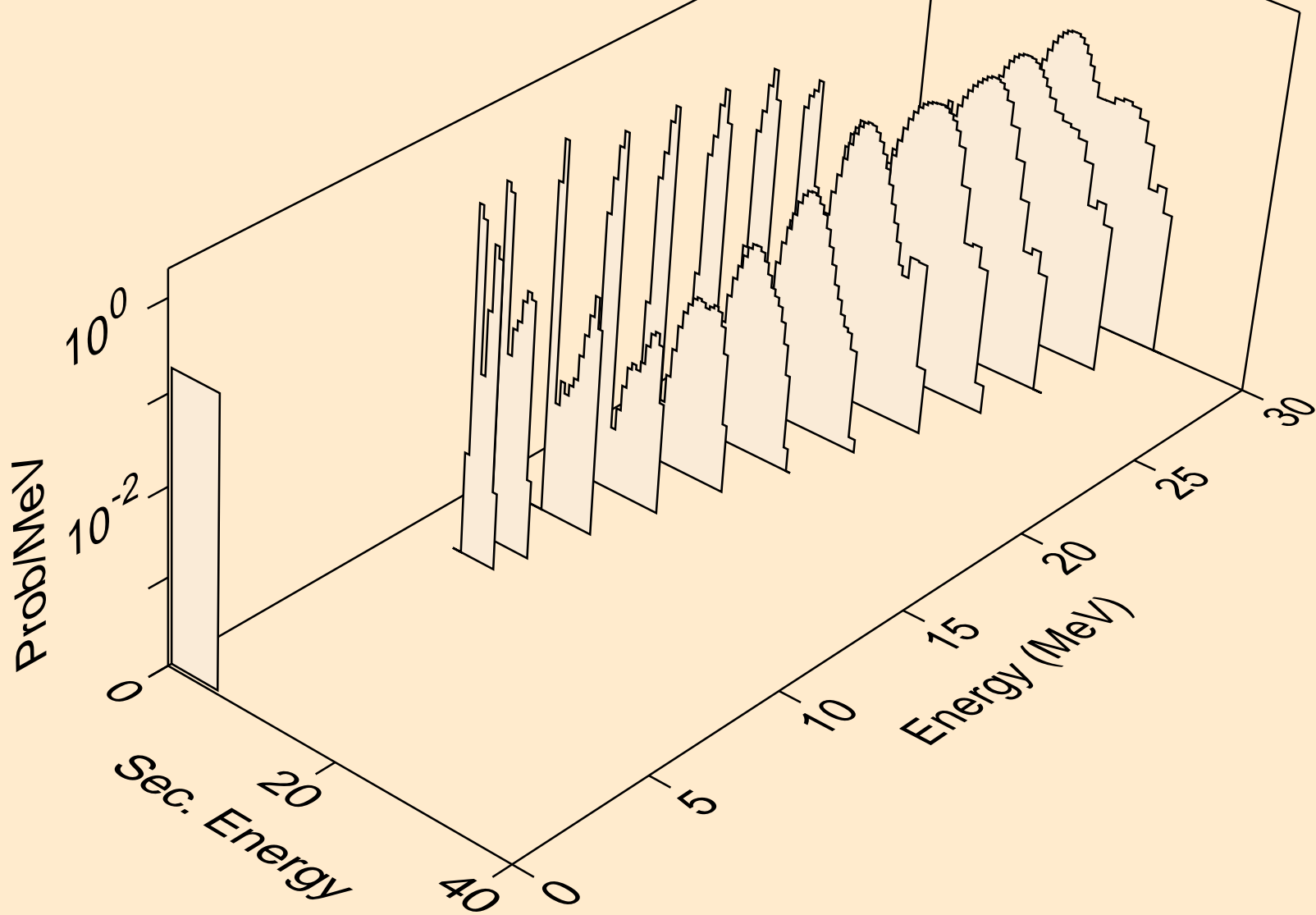
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



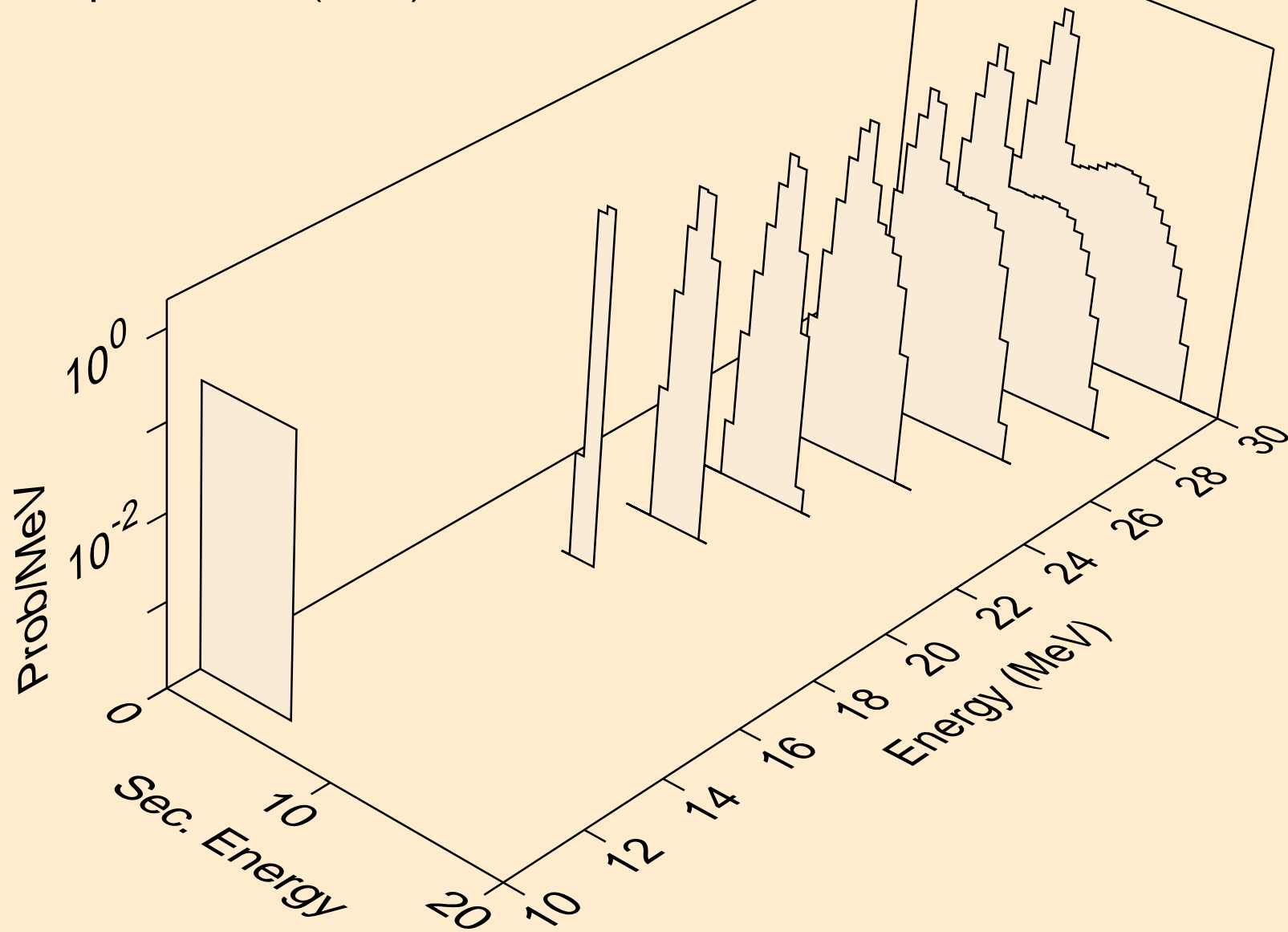
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

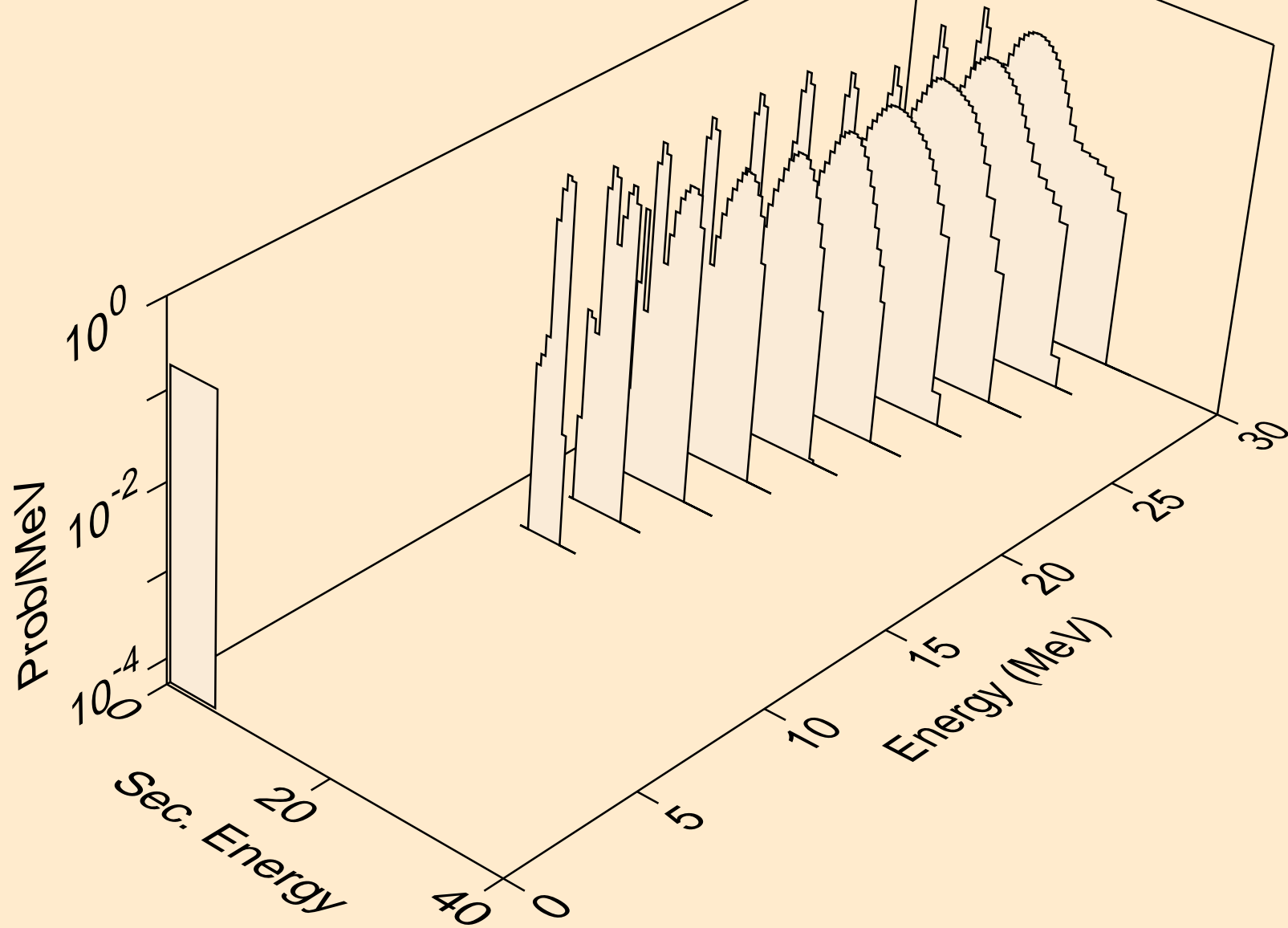


PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

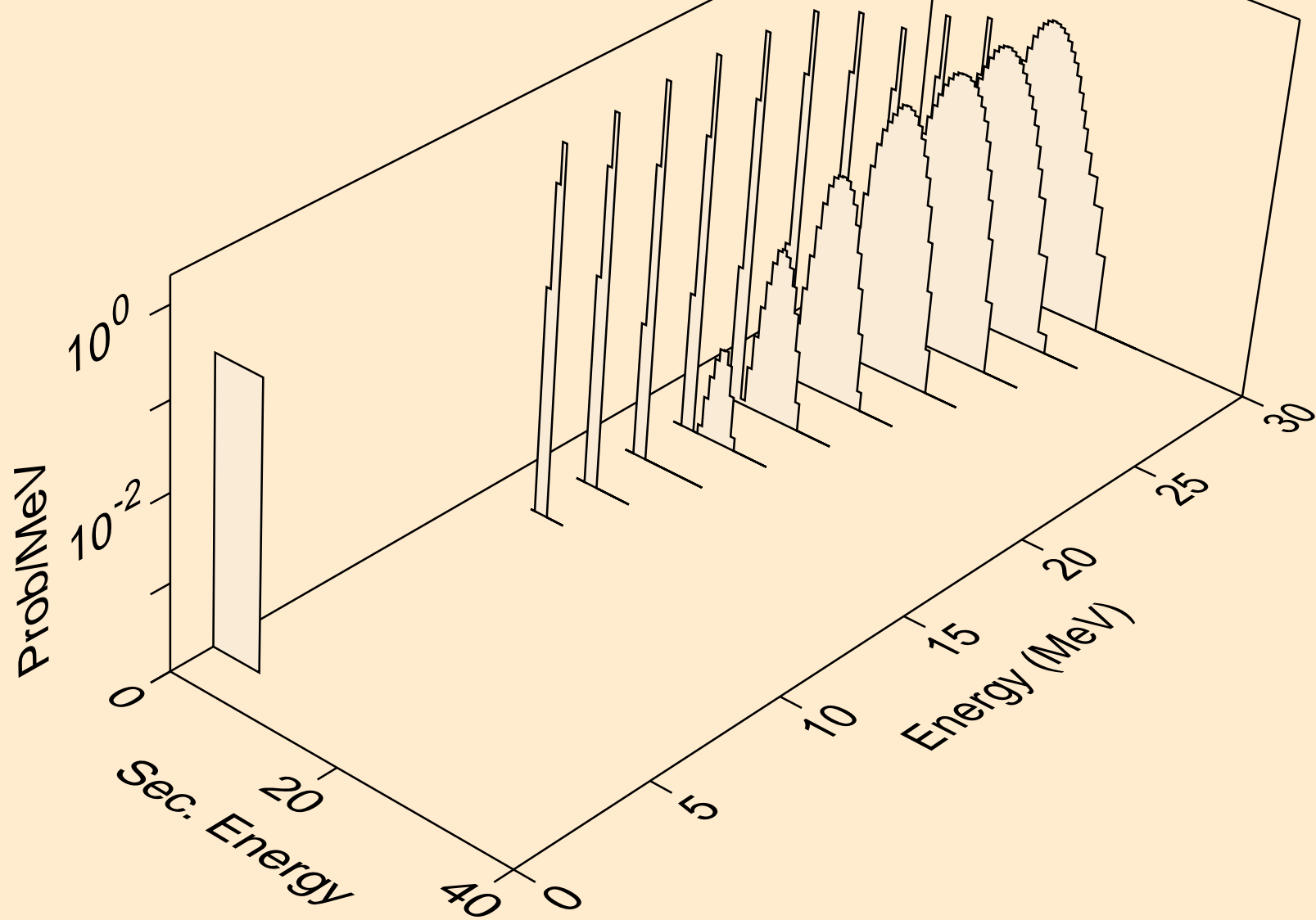




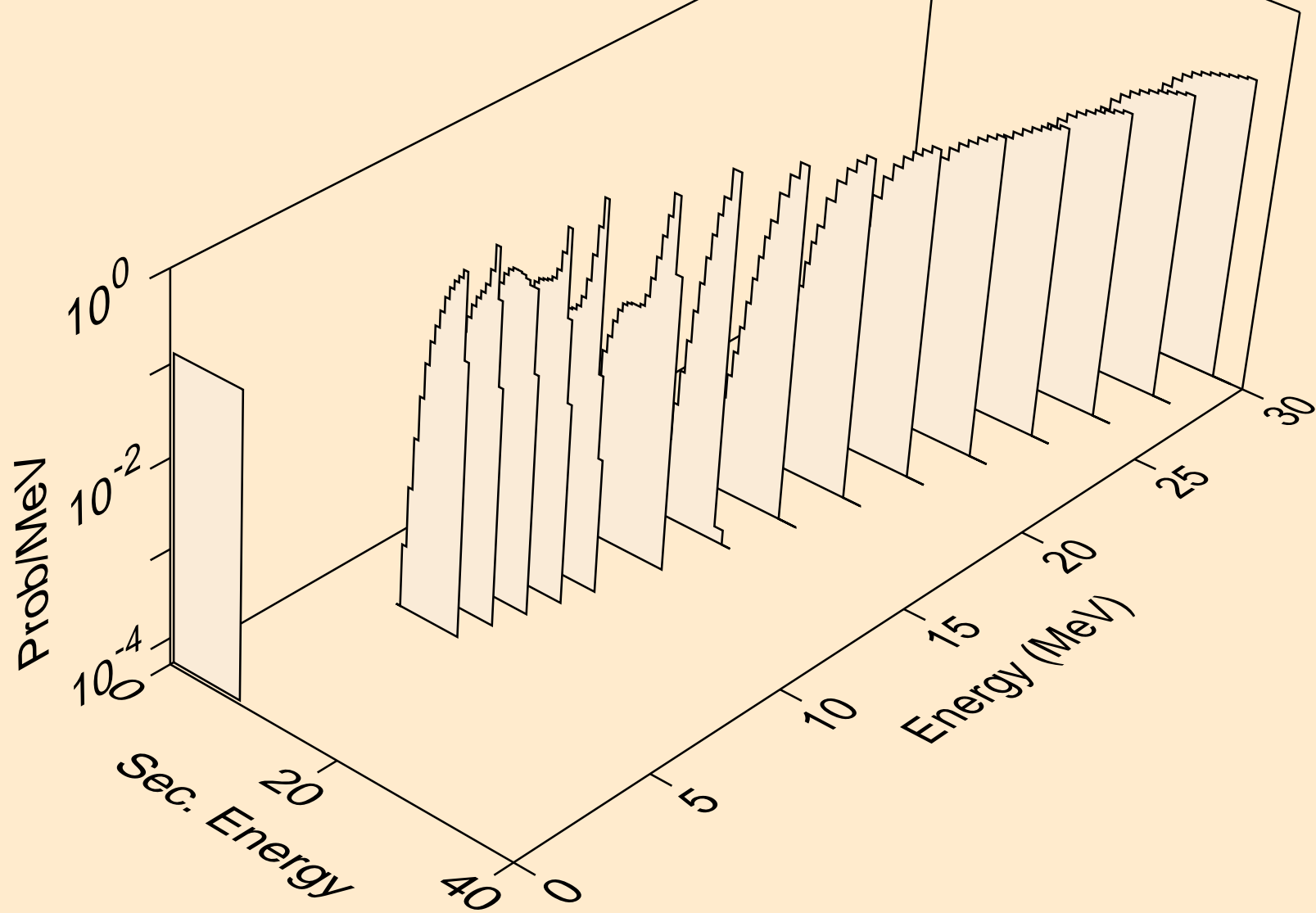
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



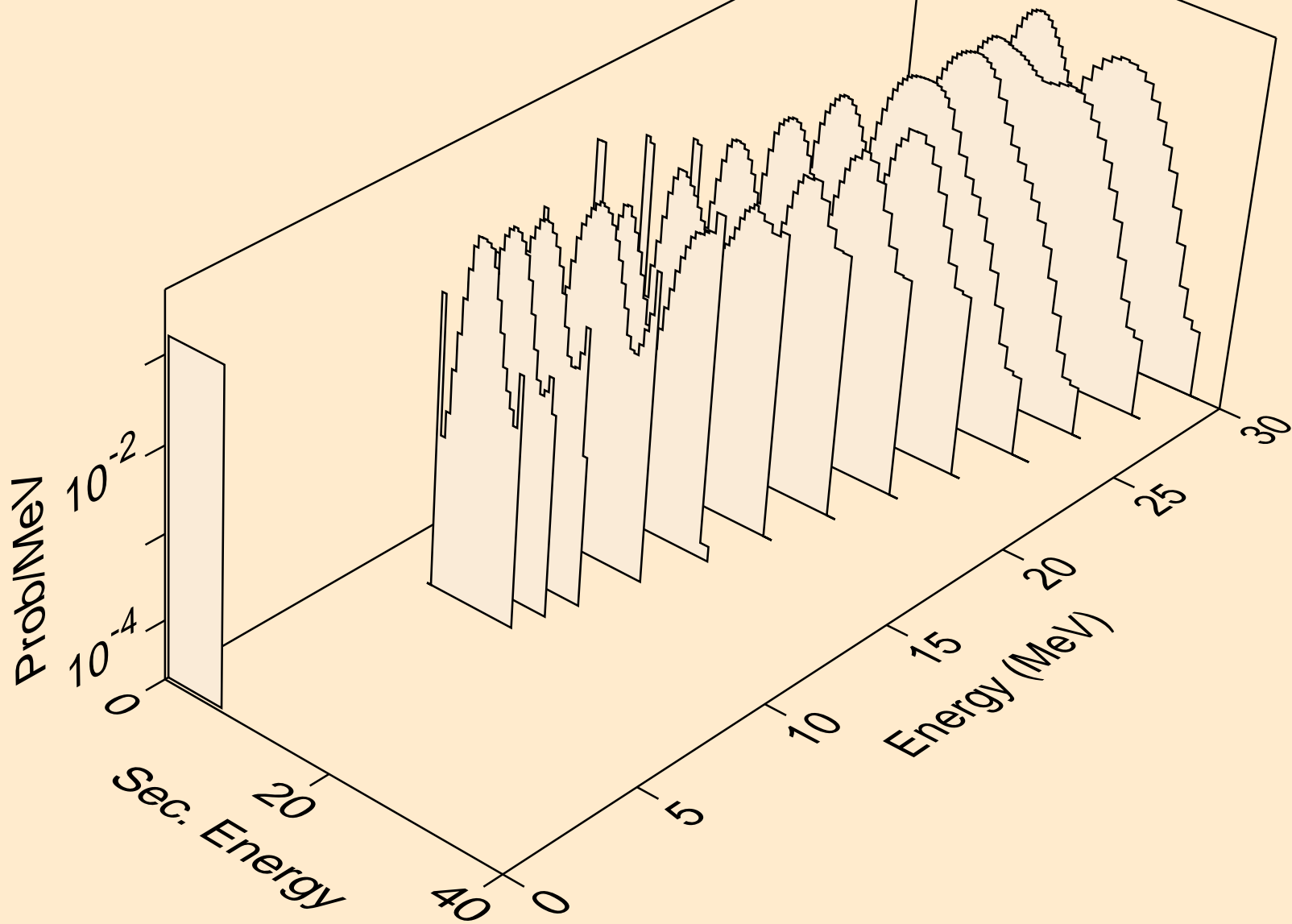
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



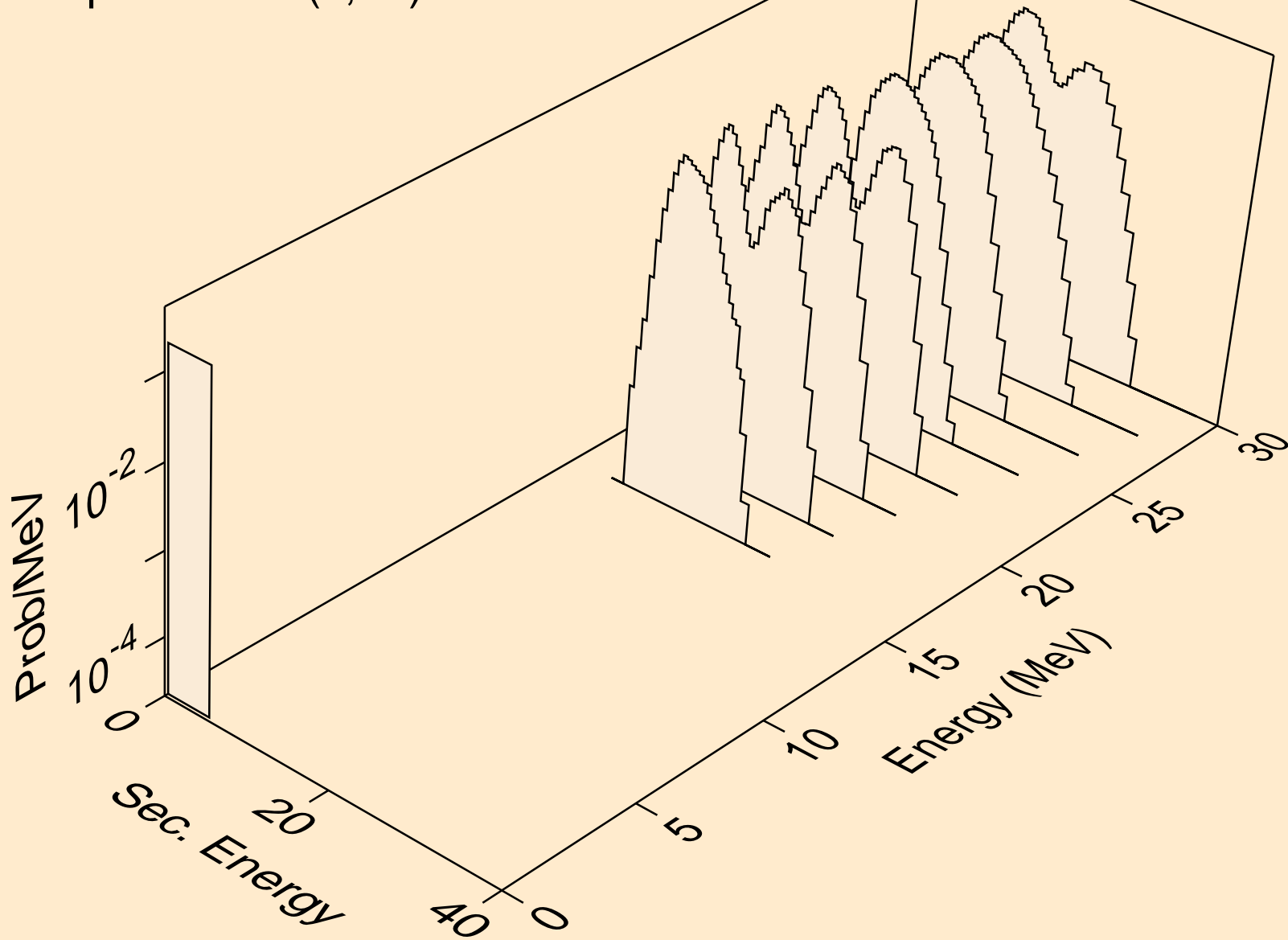
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alphas from (s,a)



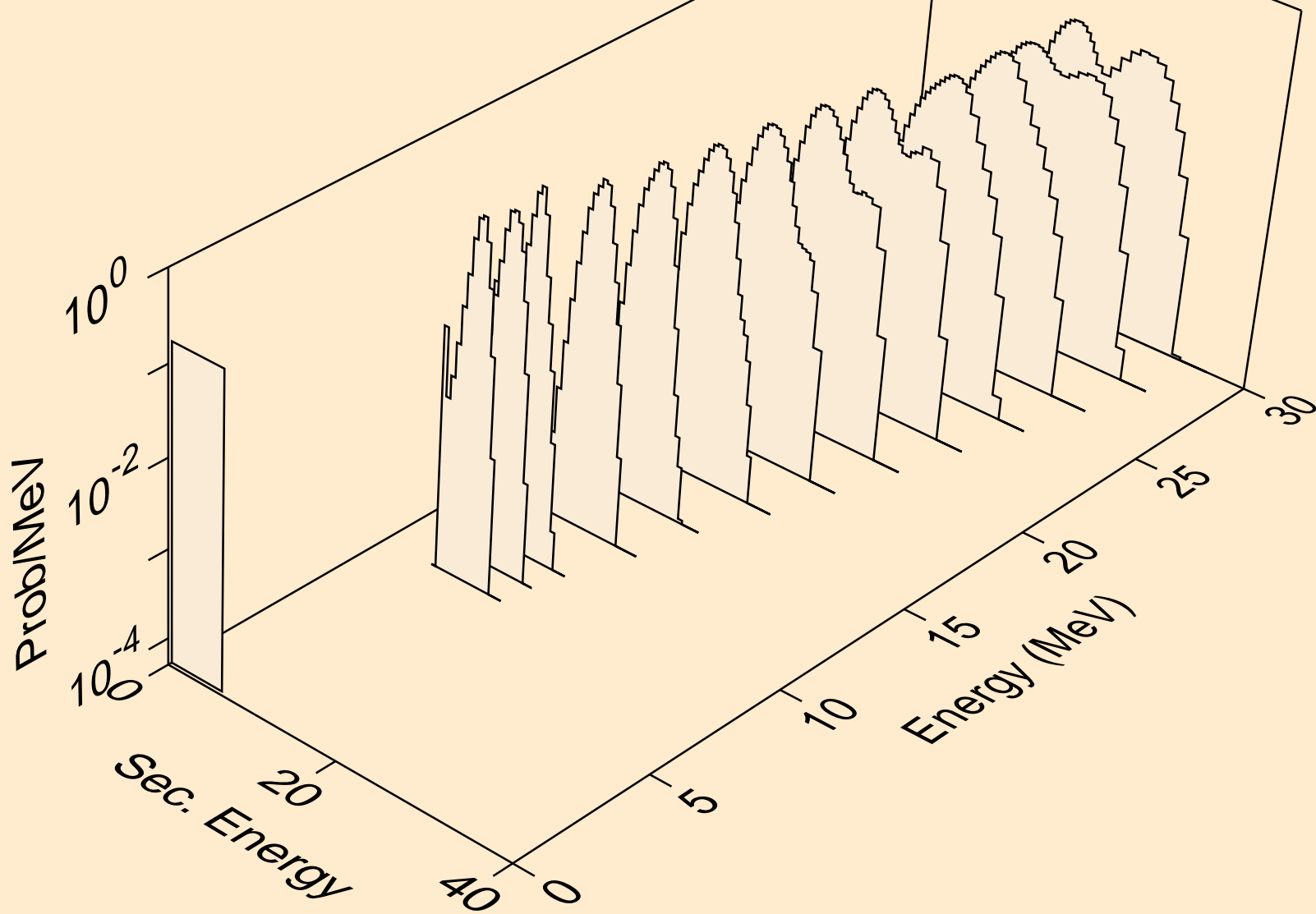
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alphas from (s,2a)



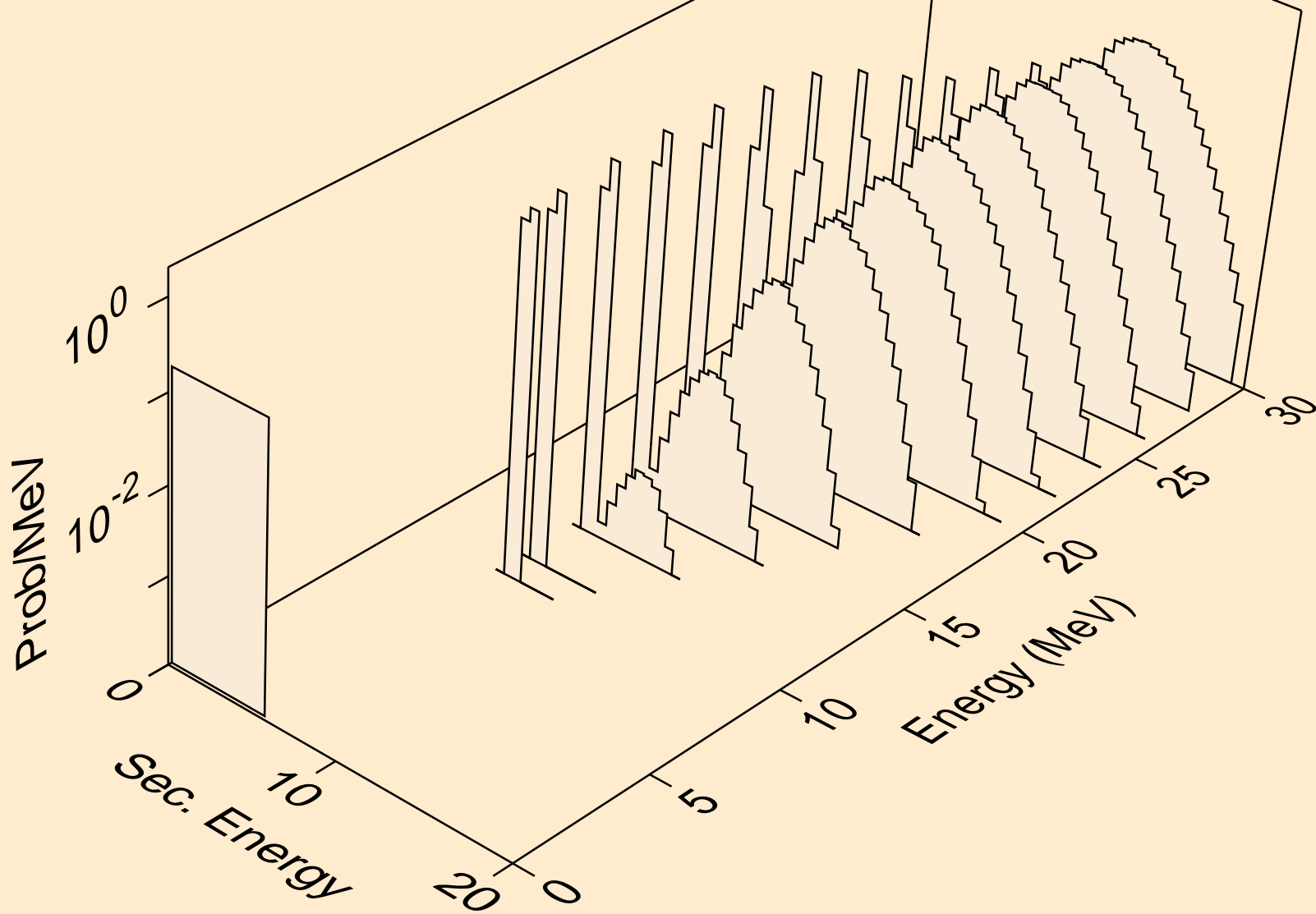
PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



PT176 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

