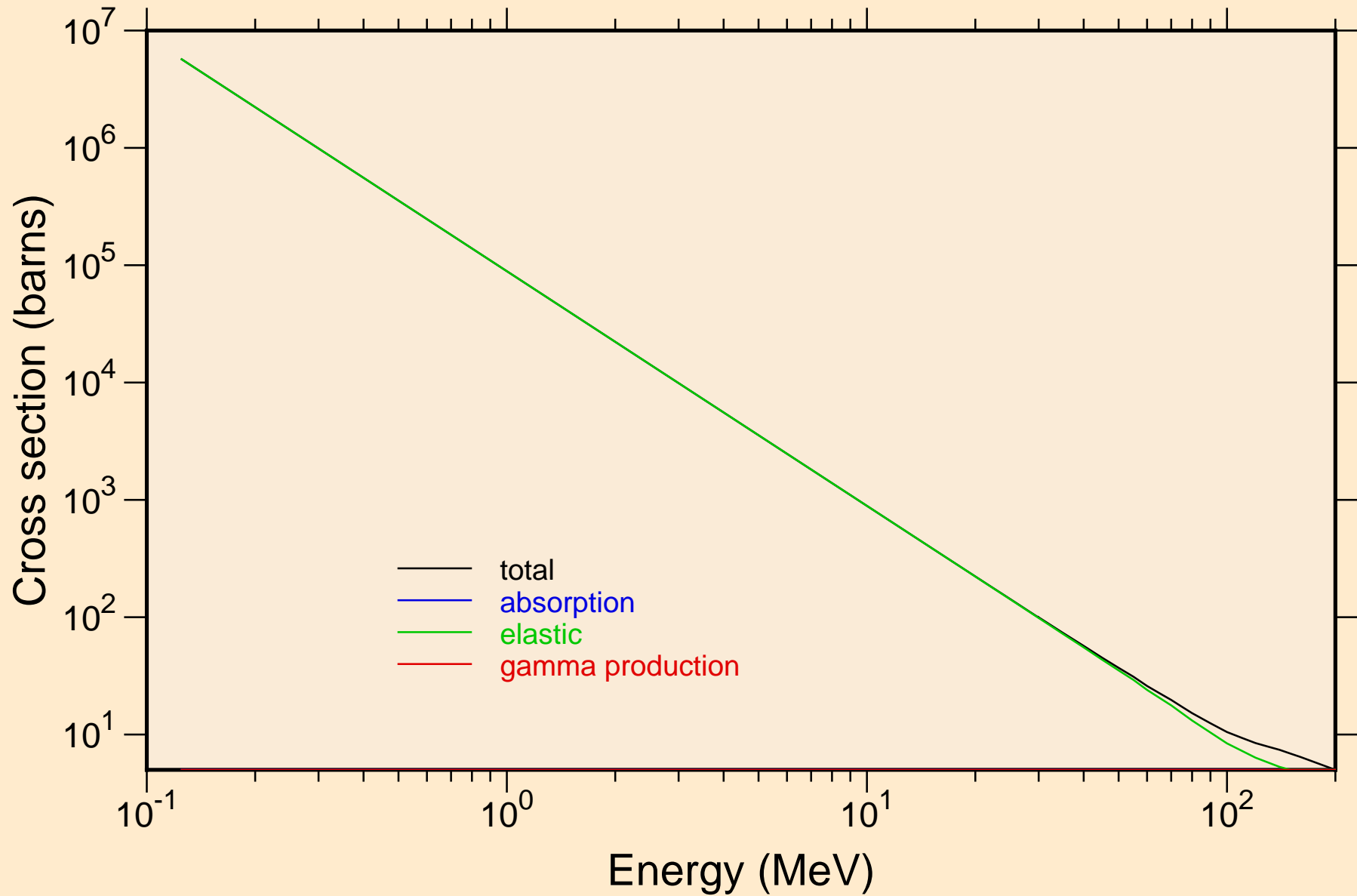
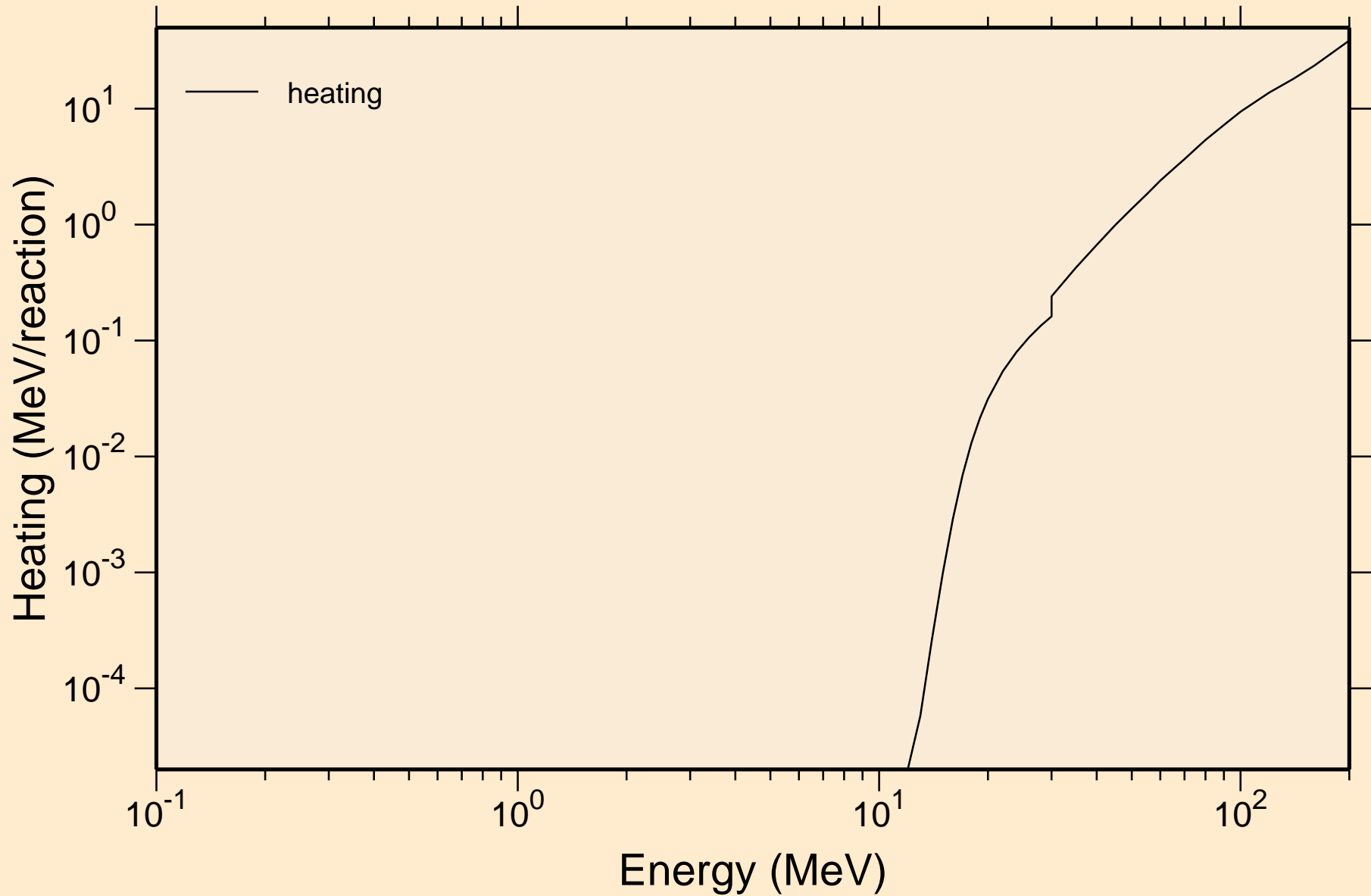


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



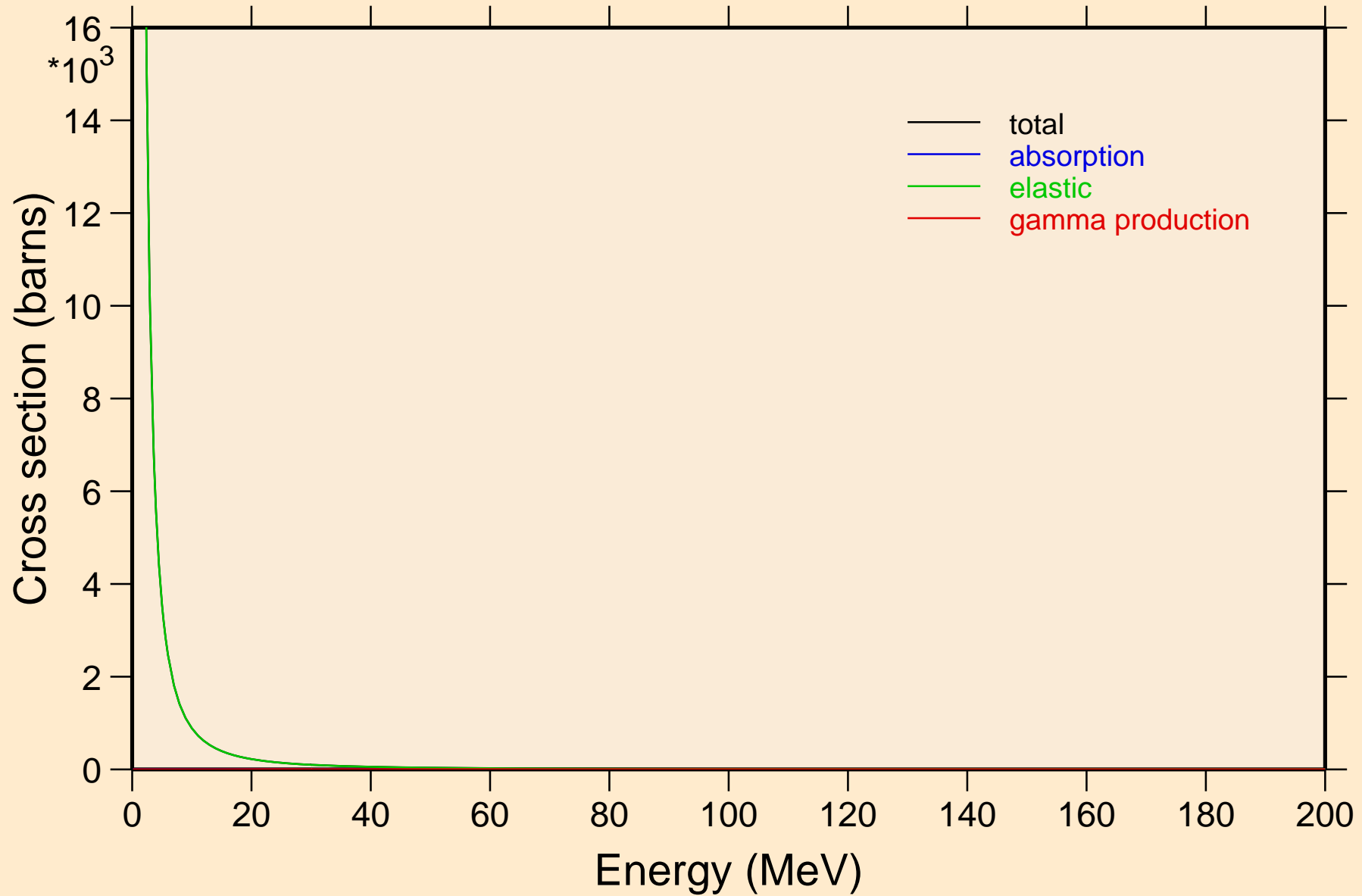
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



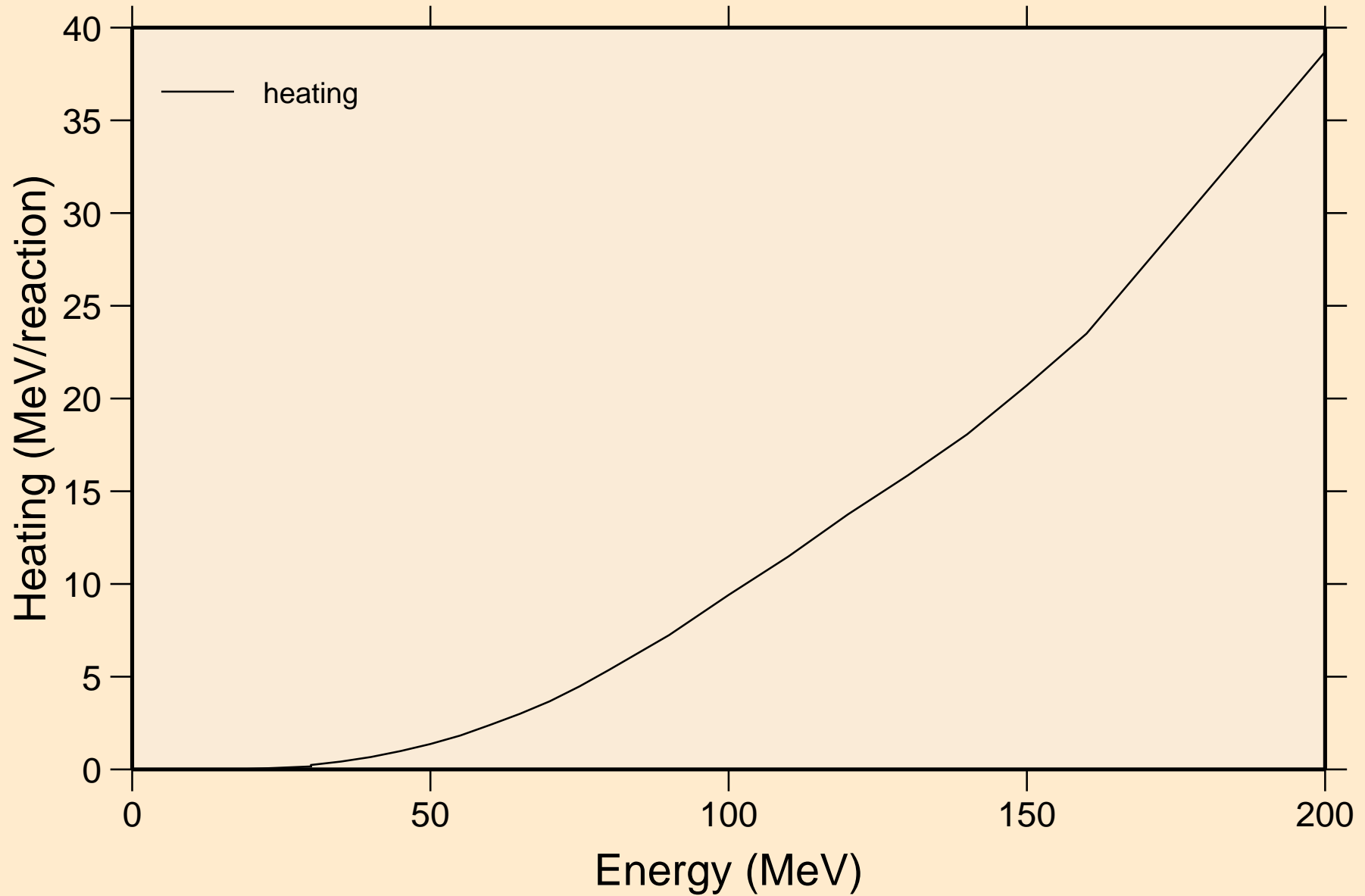
# PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

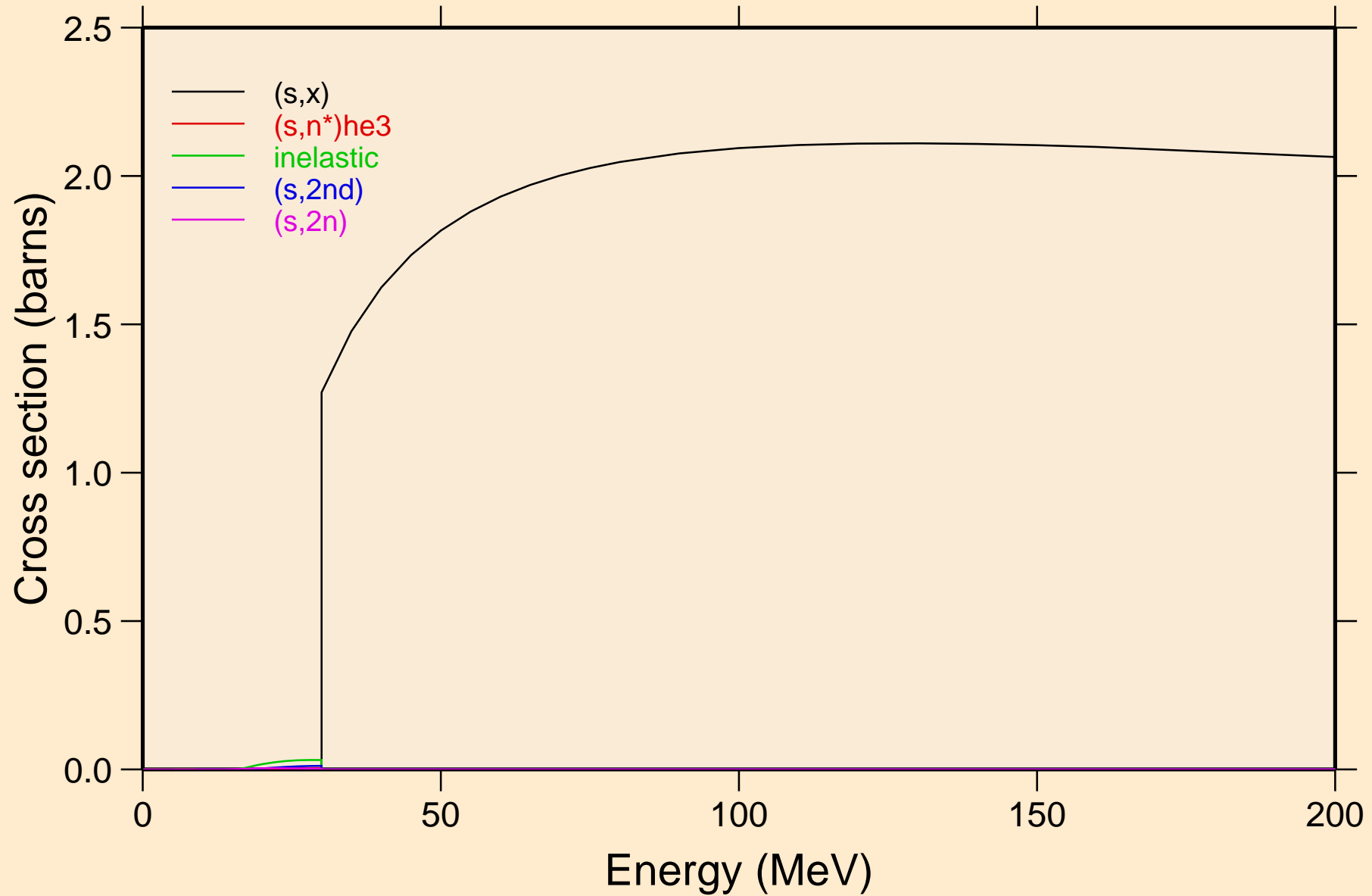


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K

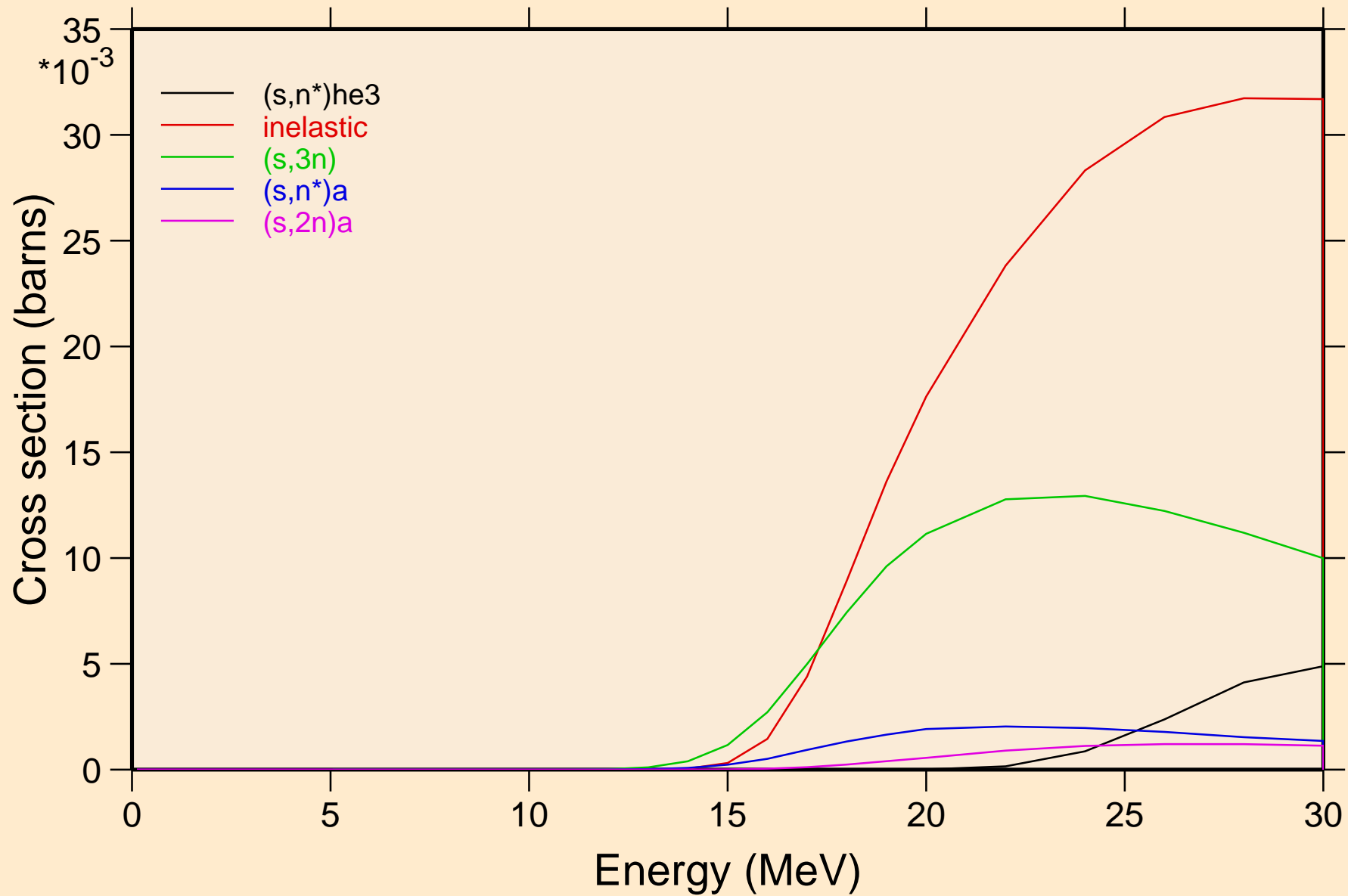
Heating



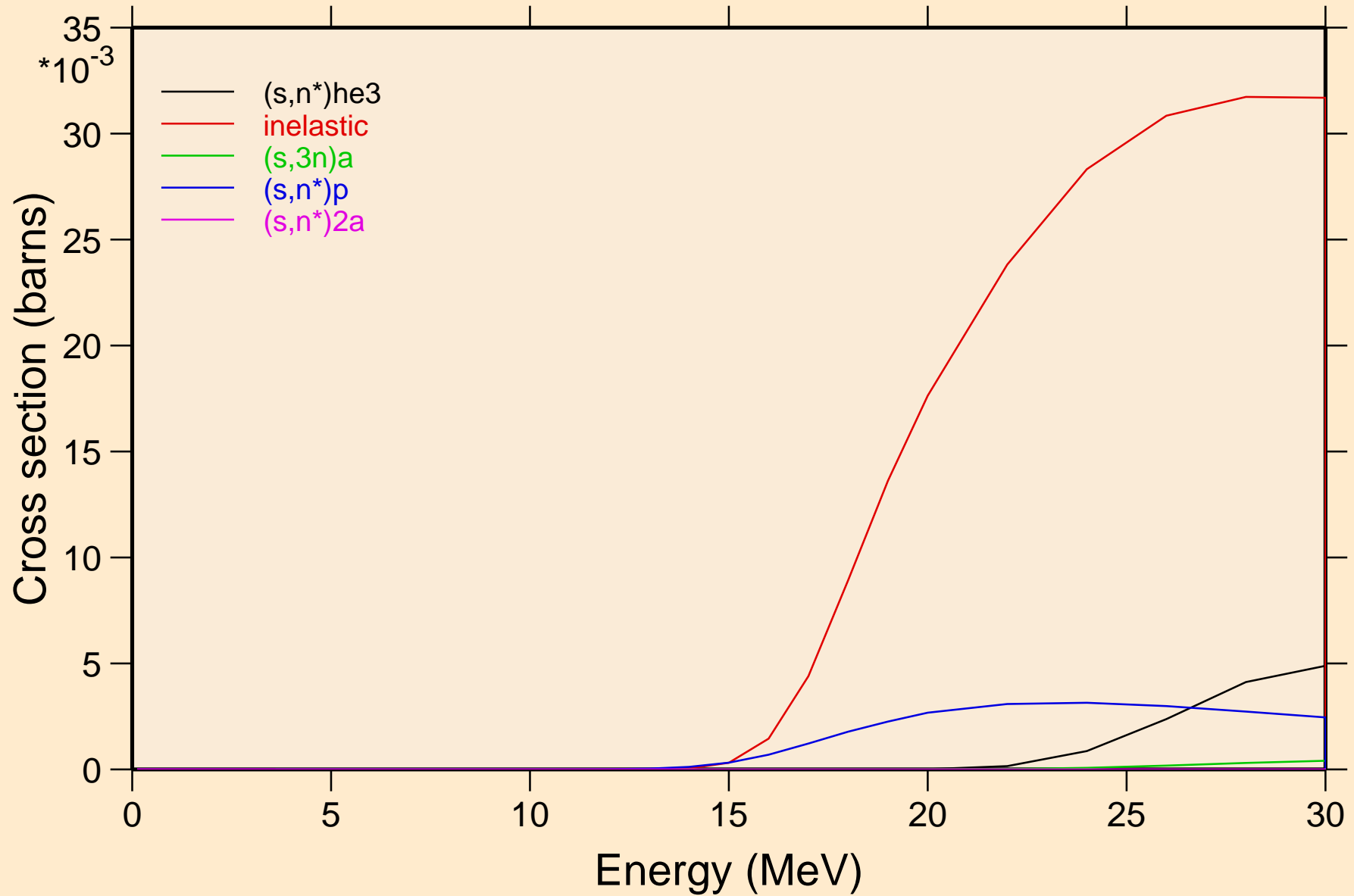
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



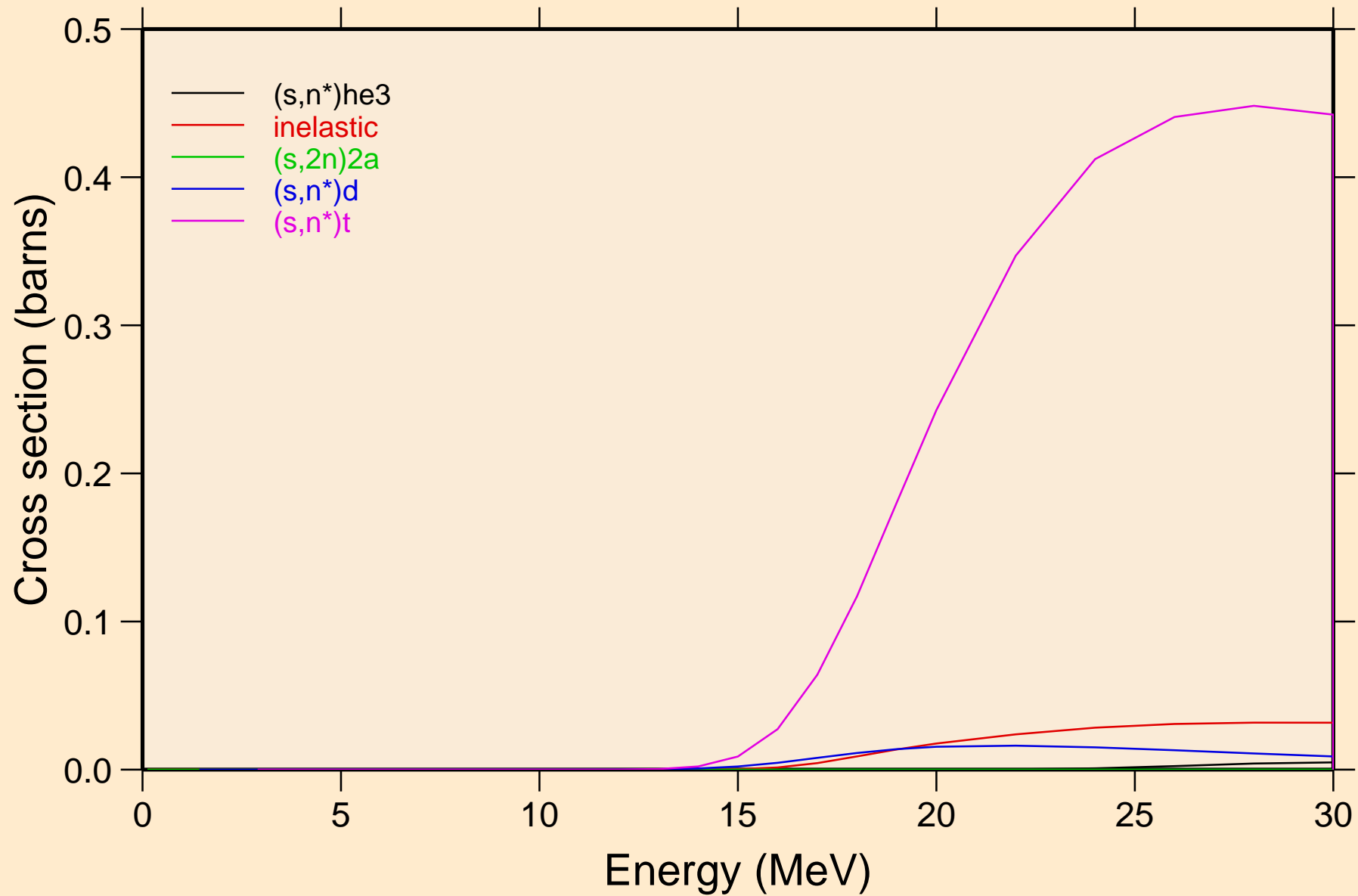
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

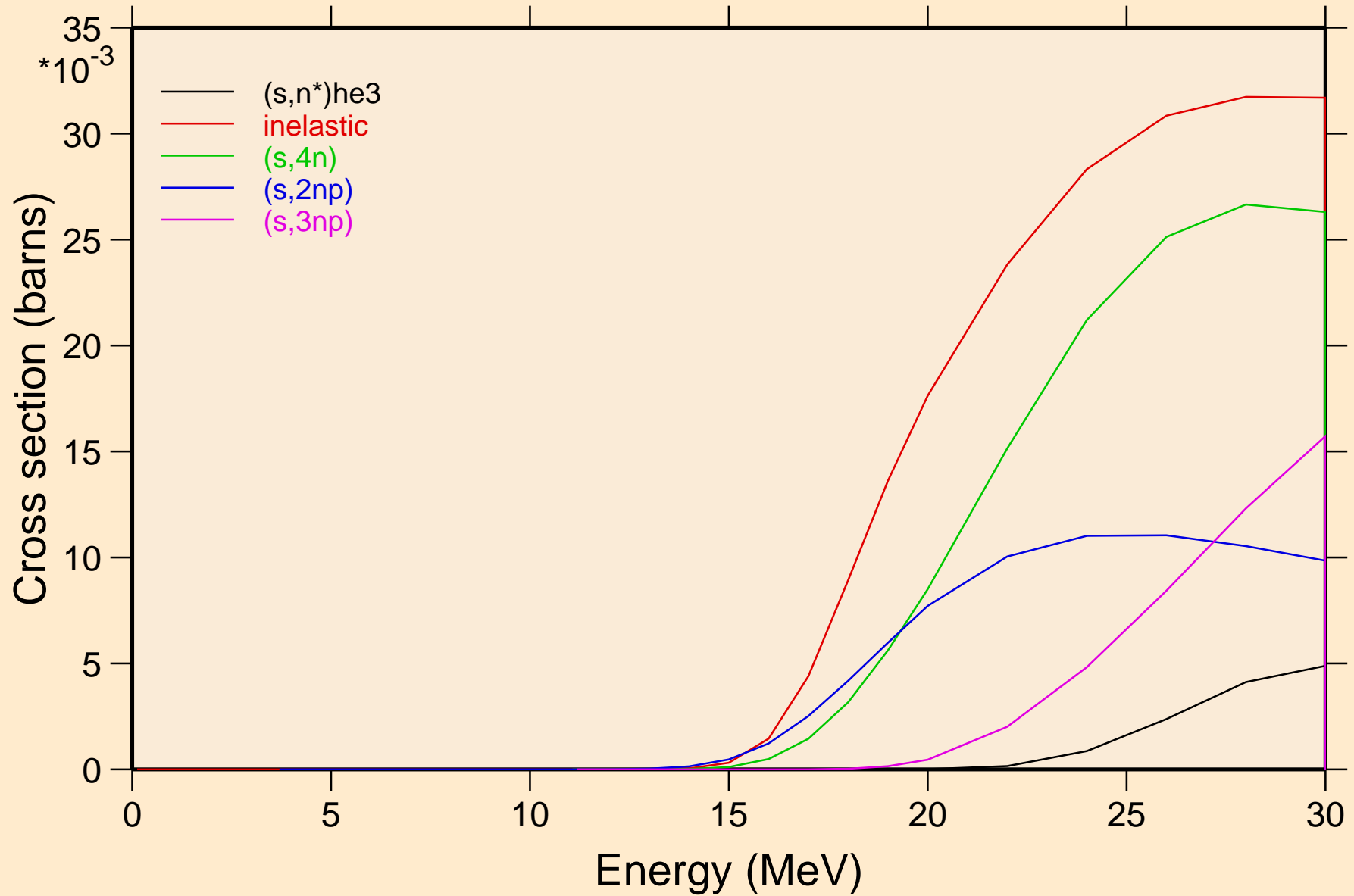


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

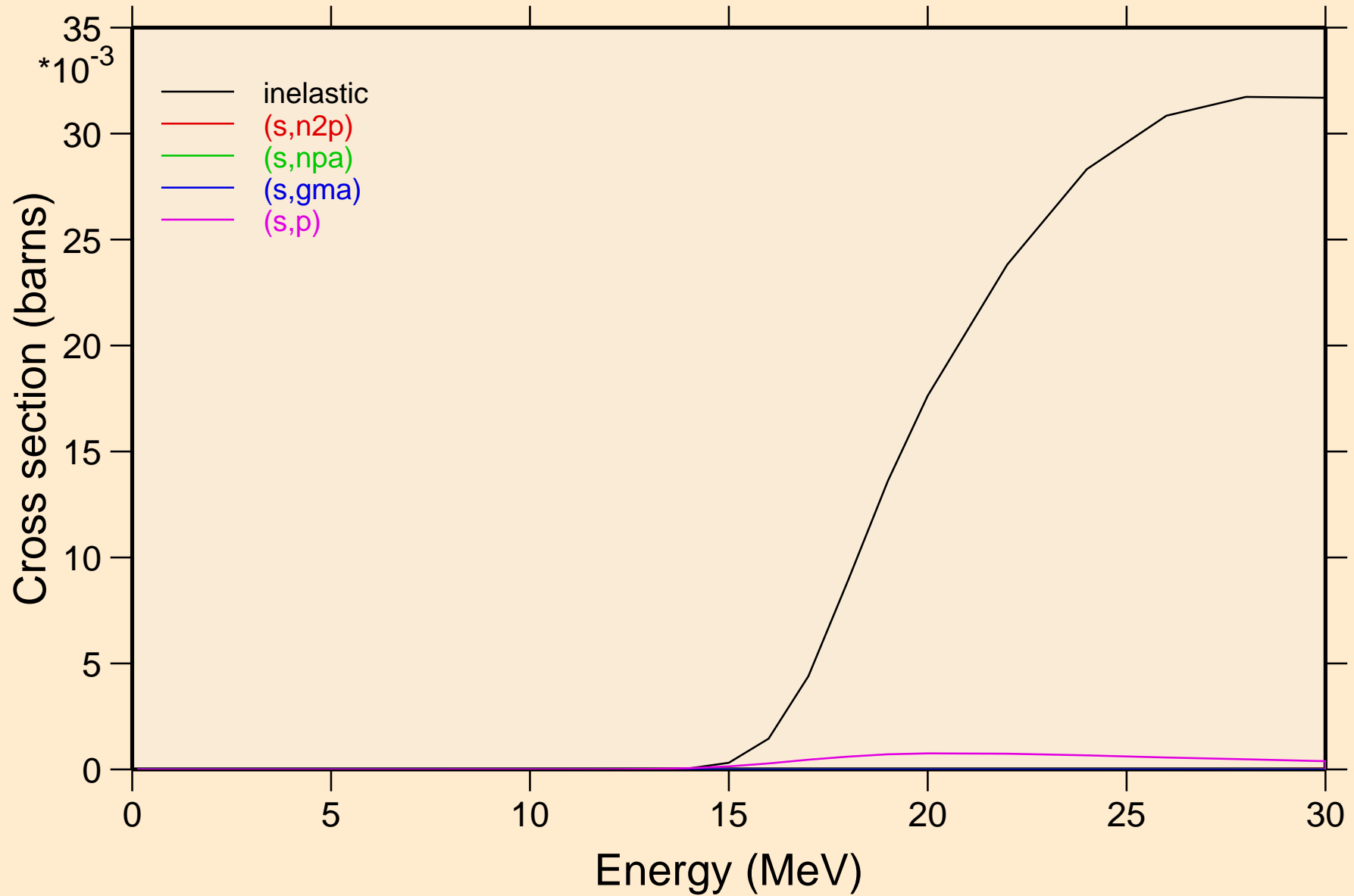




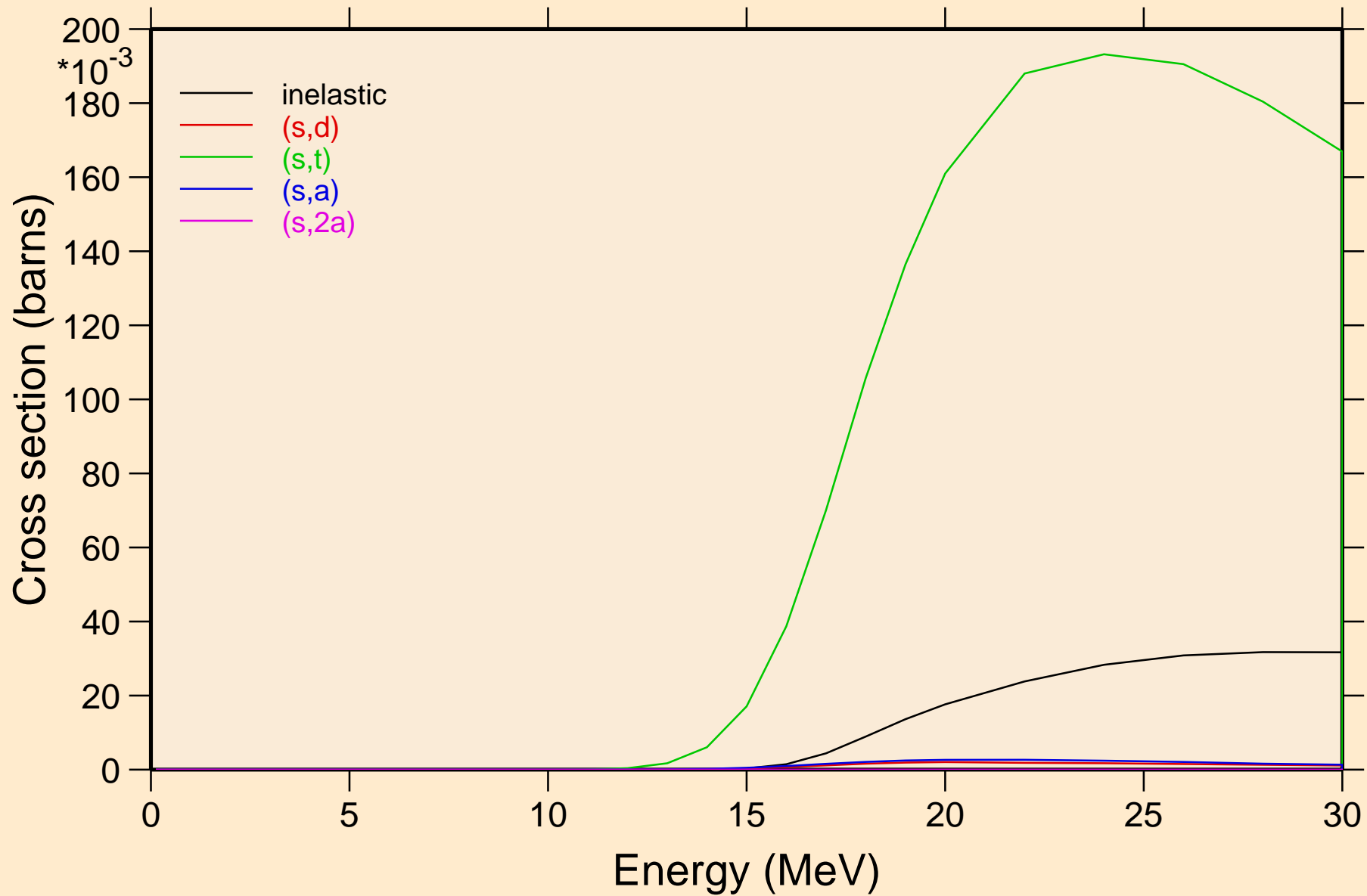
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



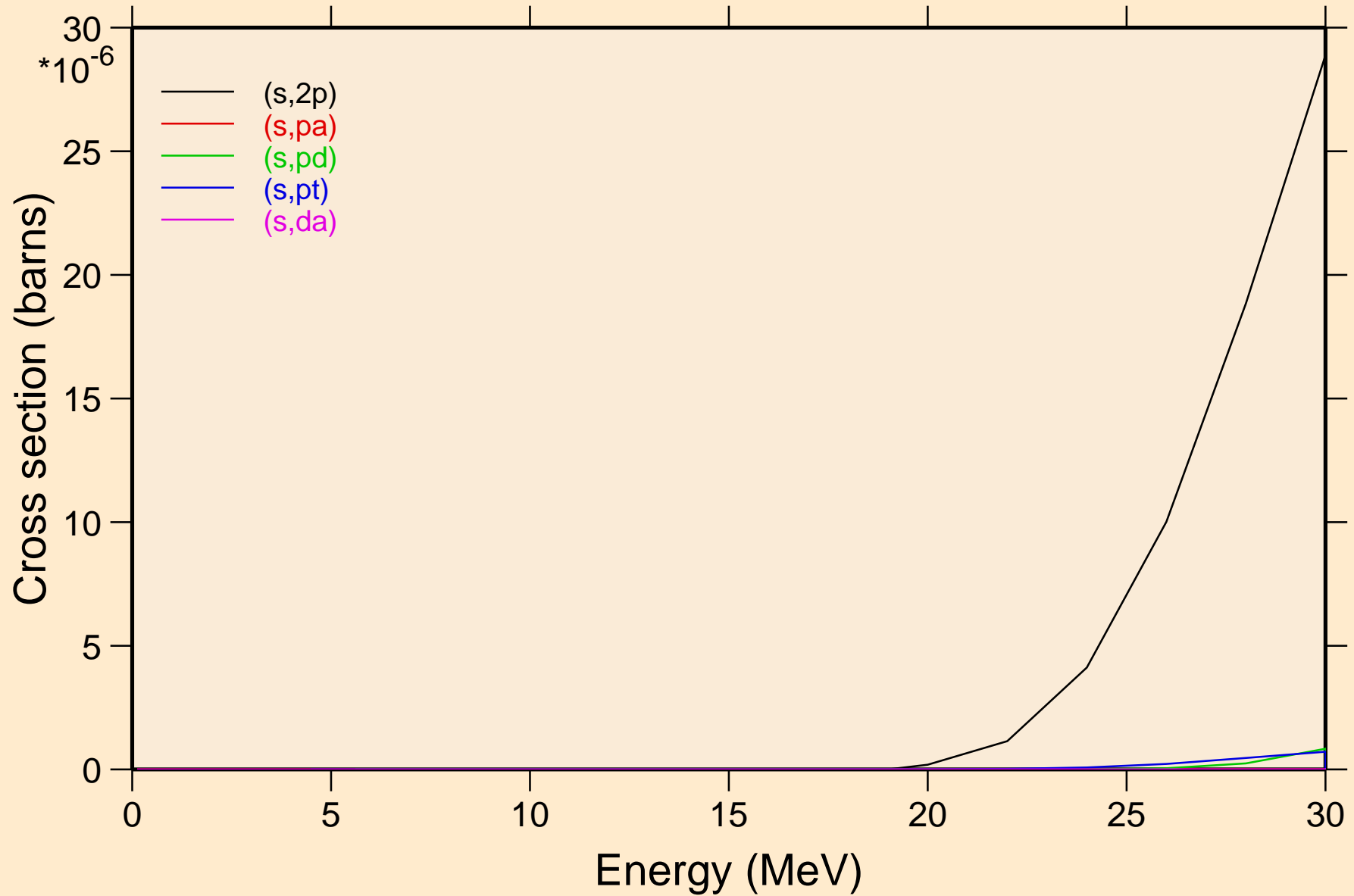
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



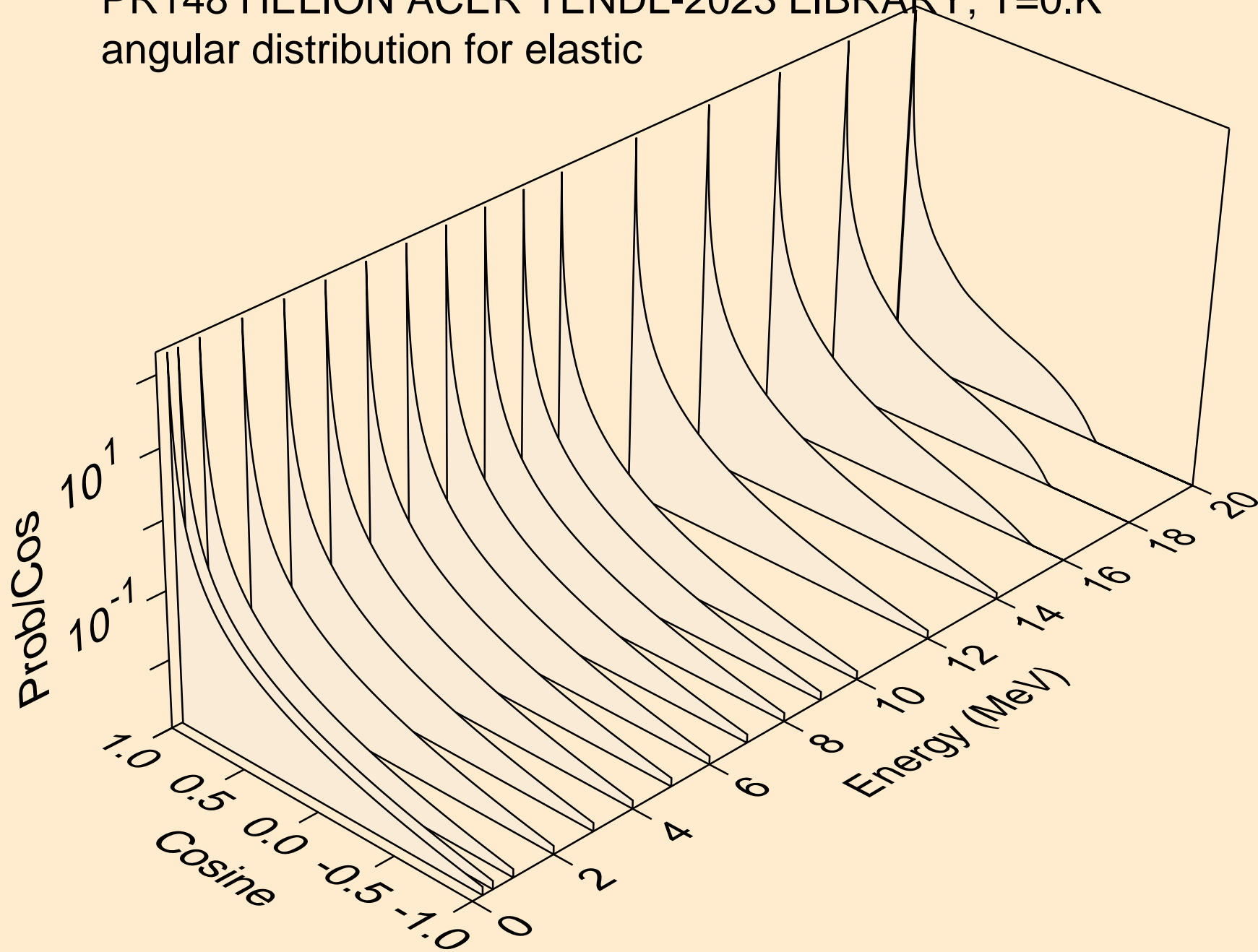
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



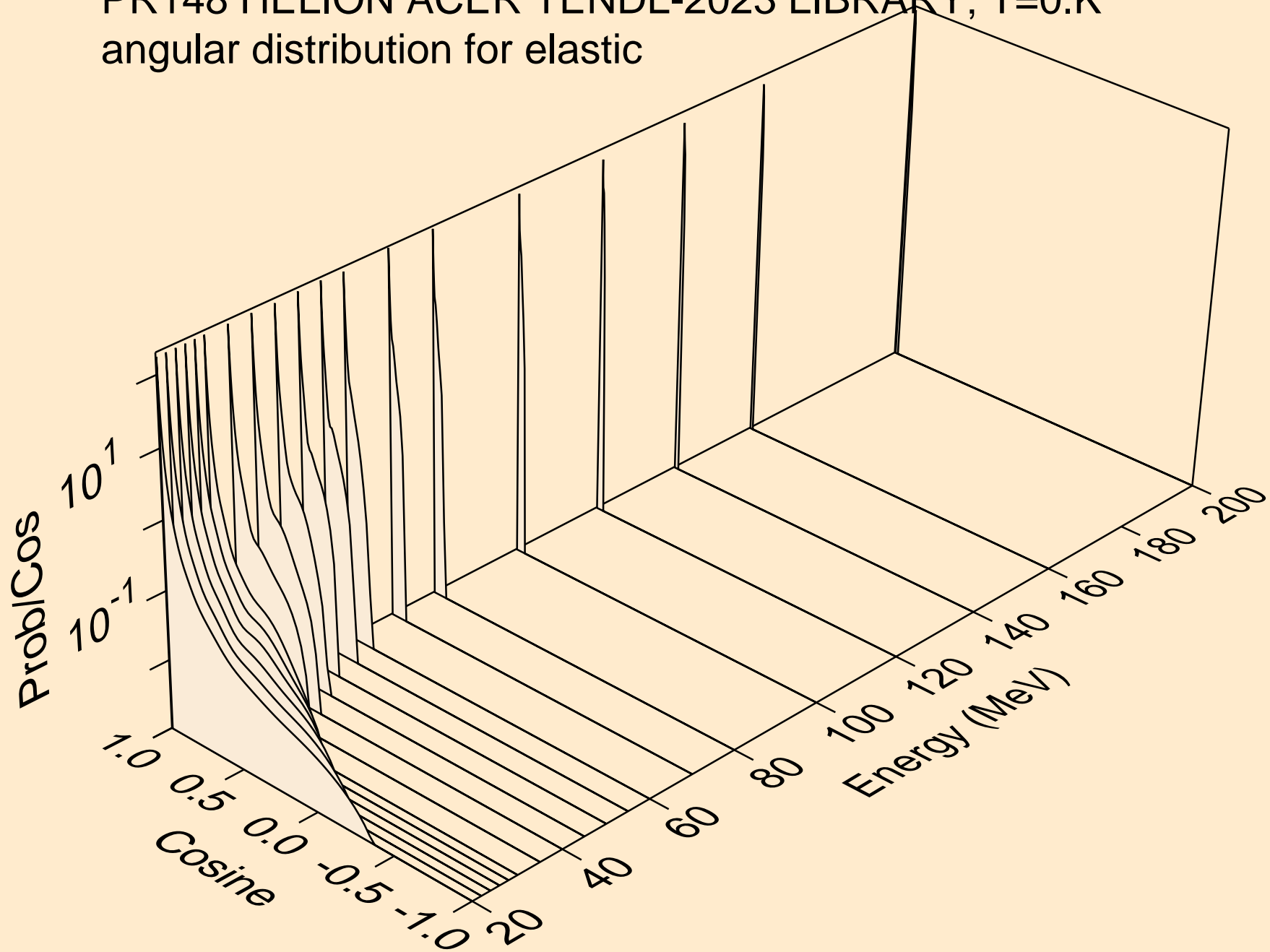
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



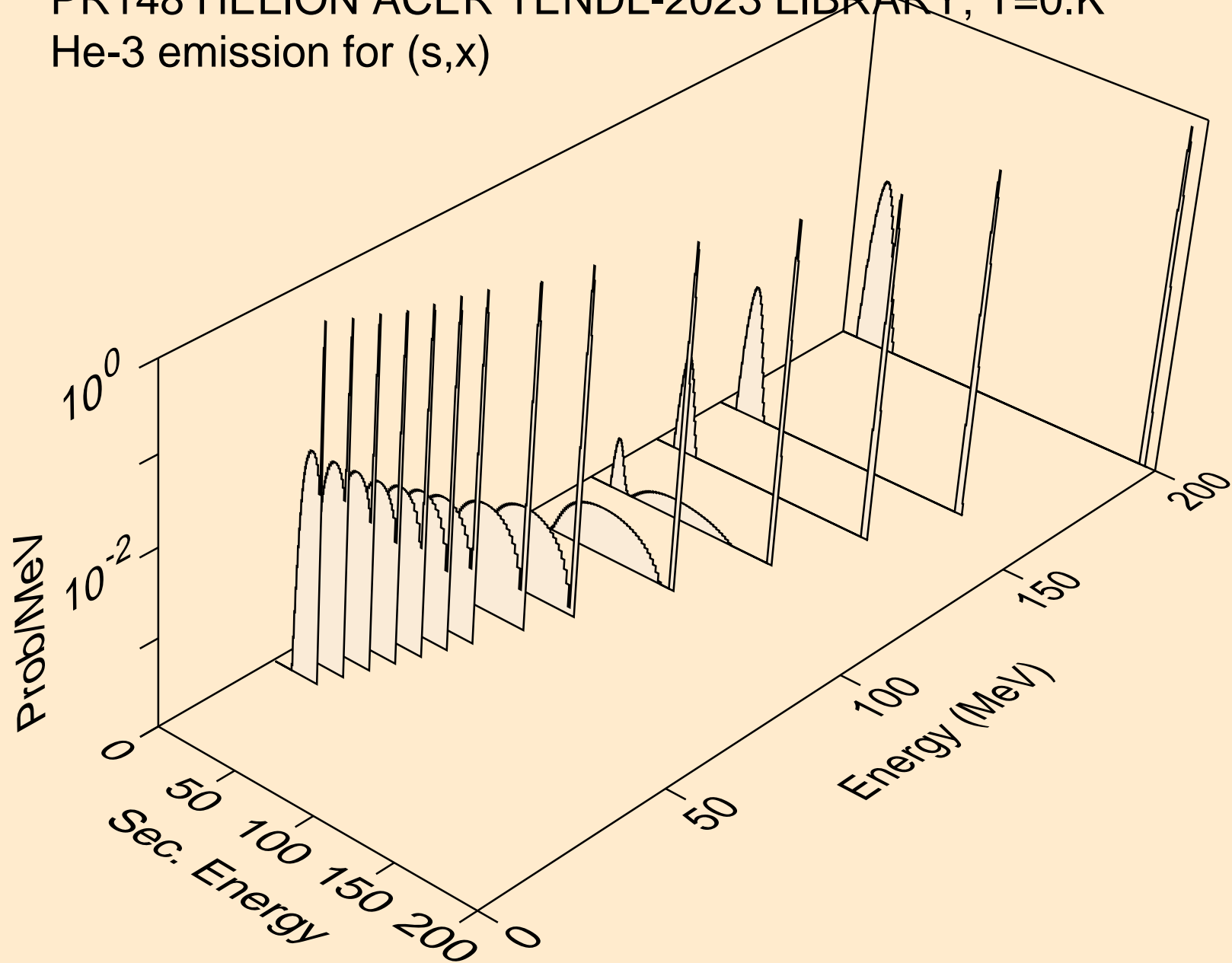
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



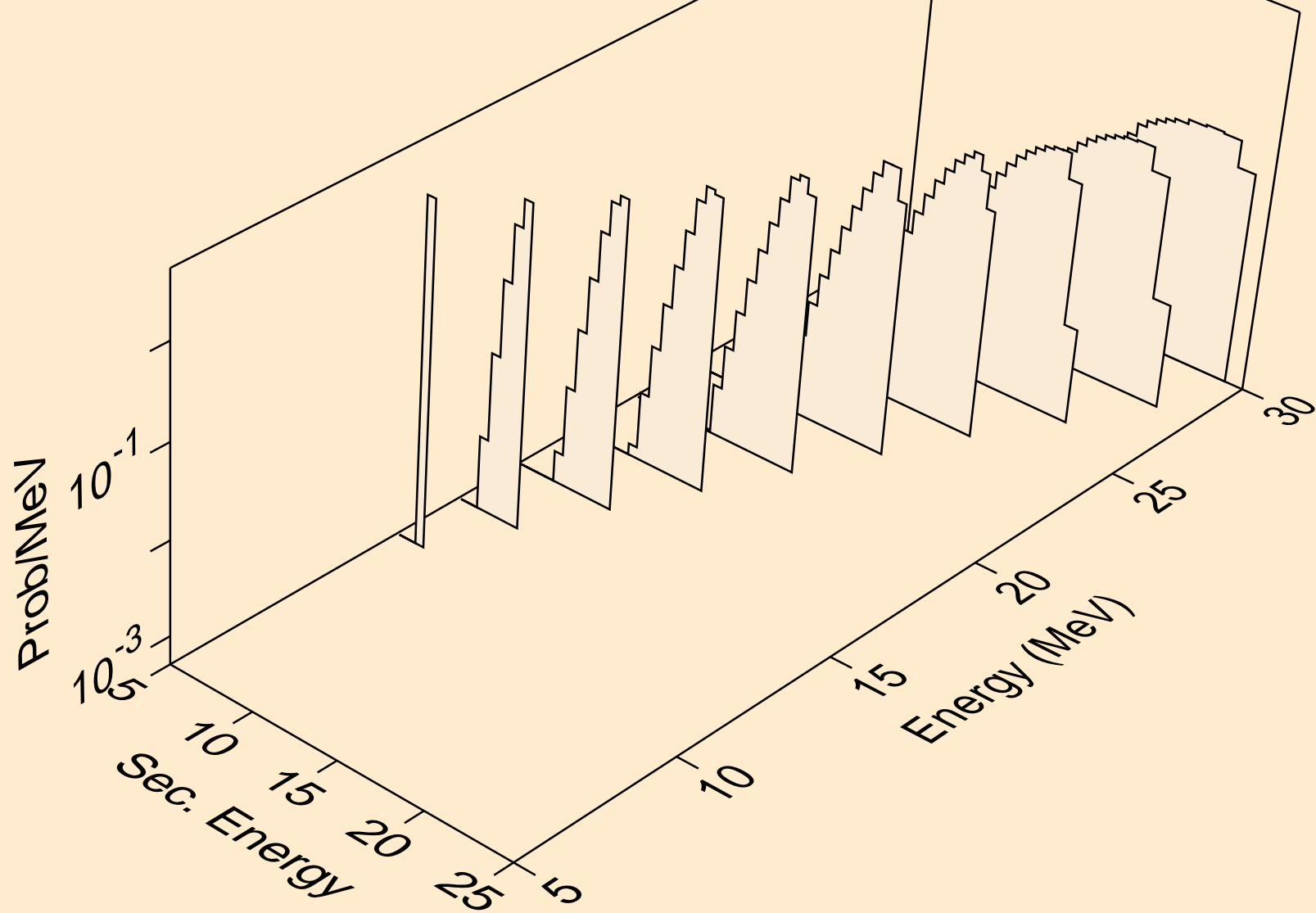
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

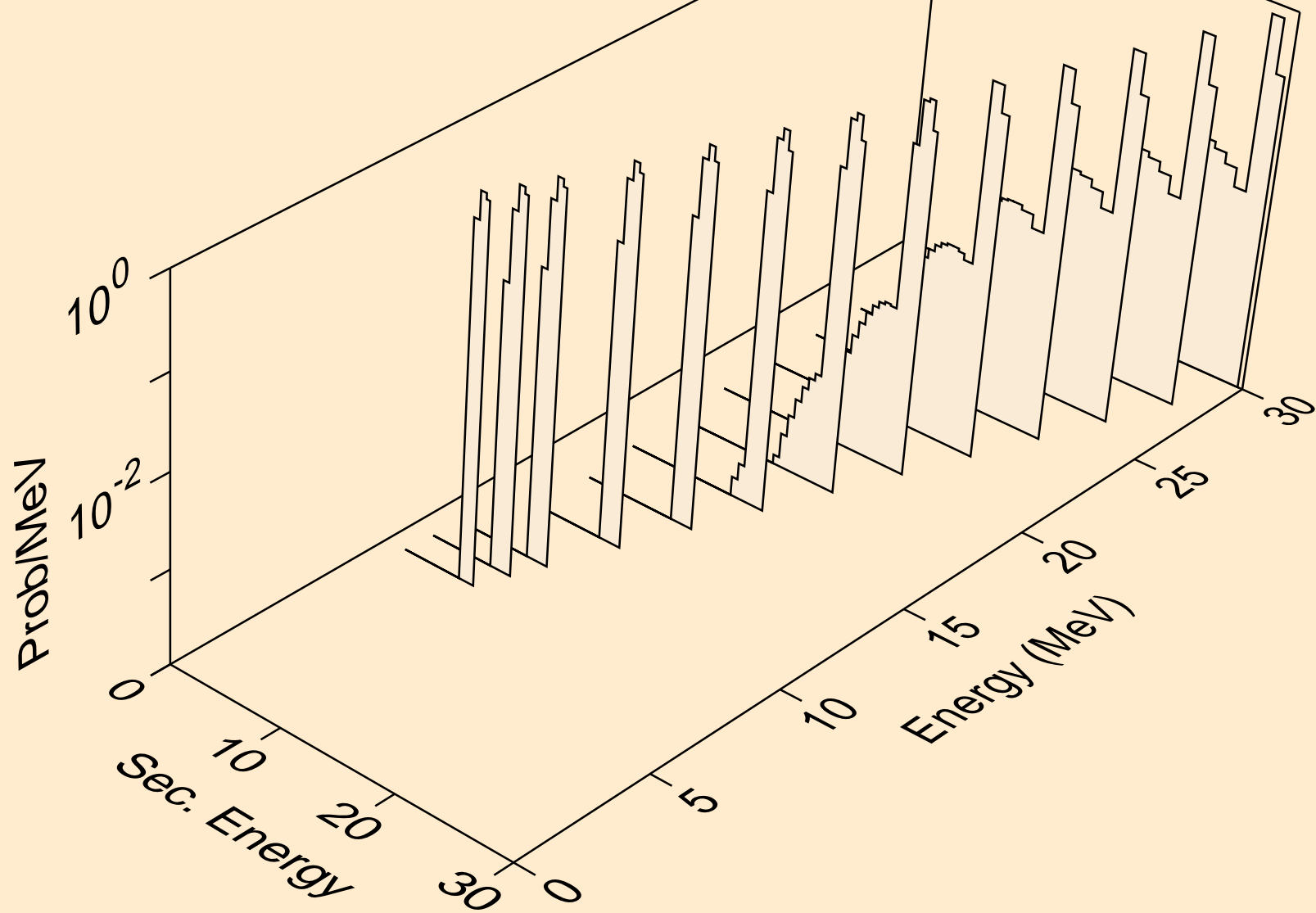


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

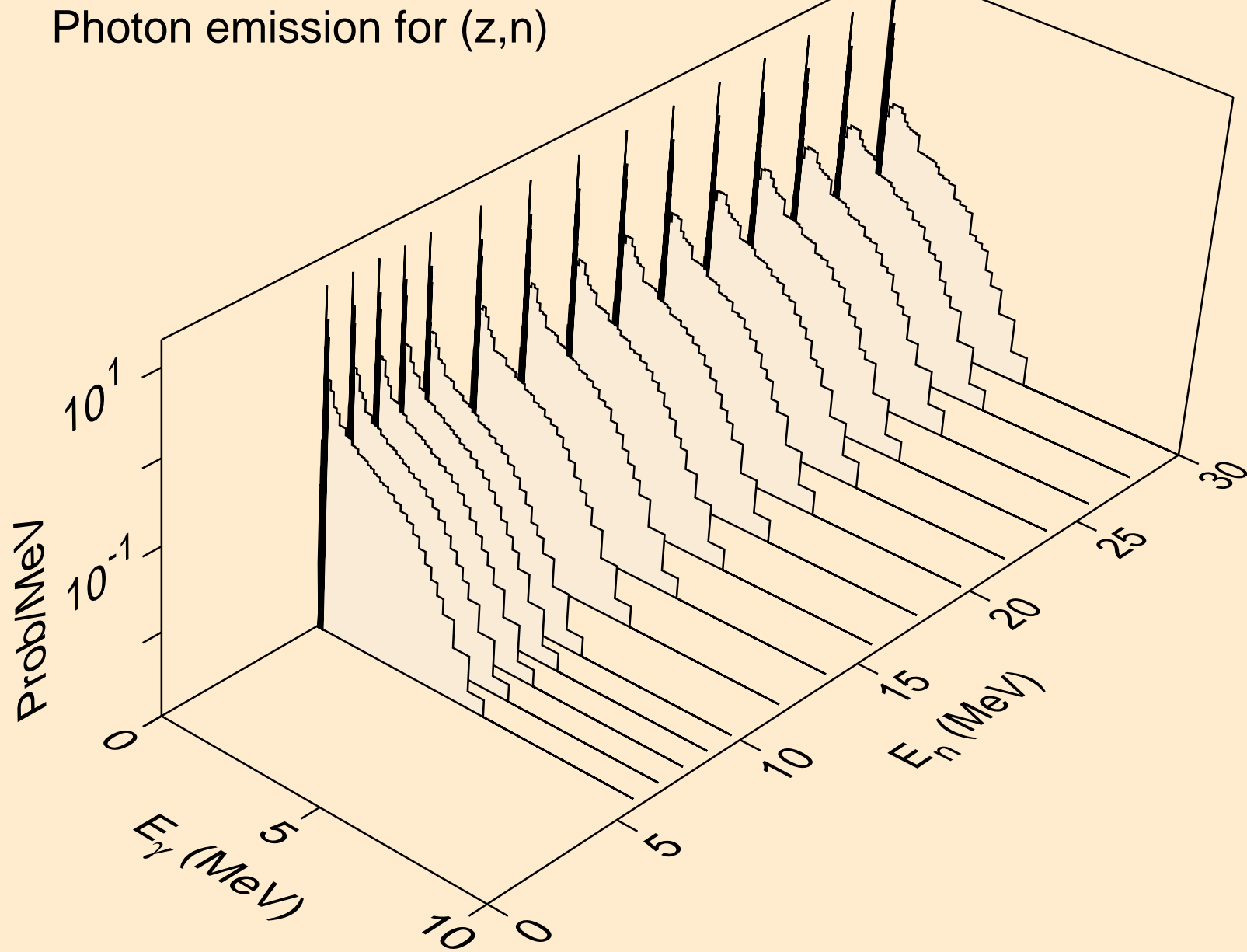




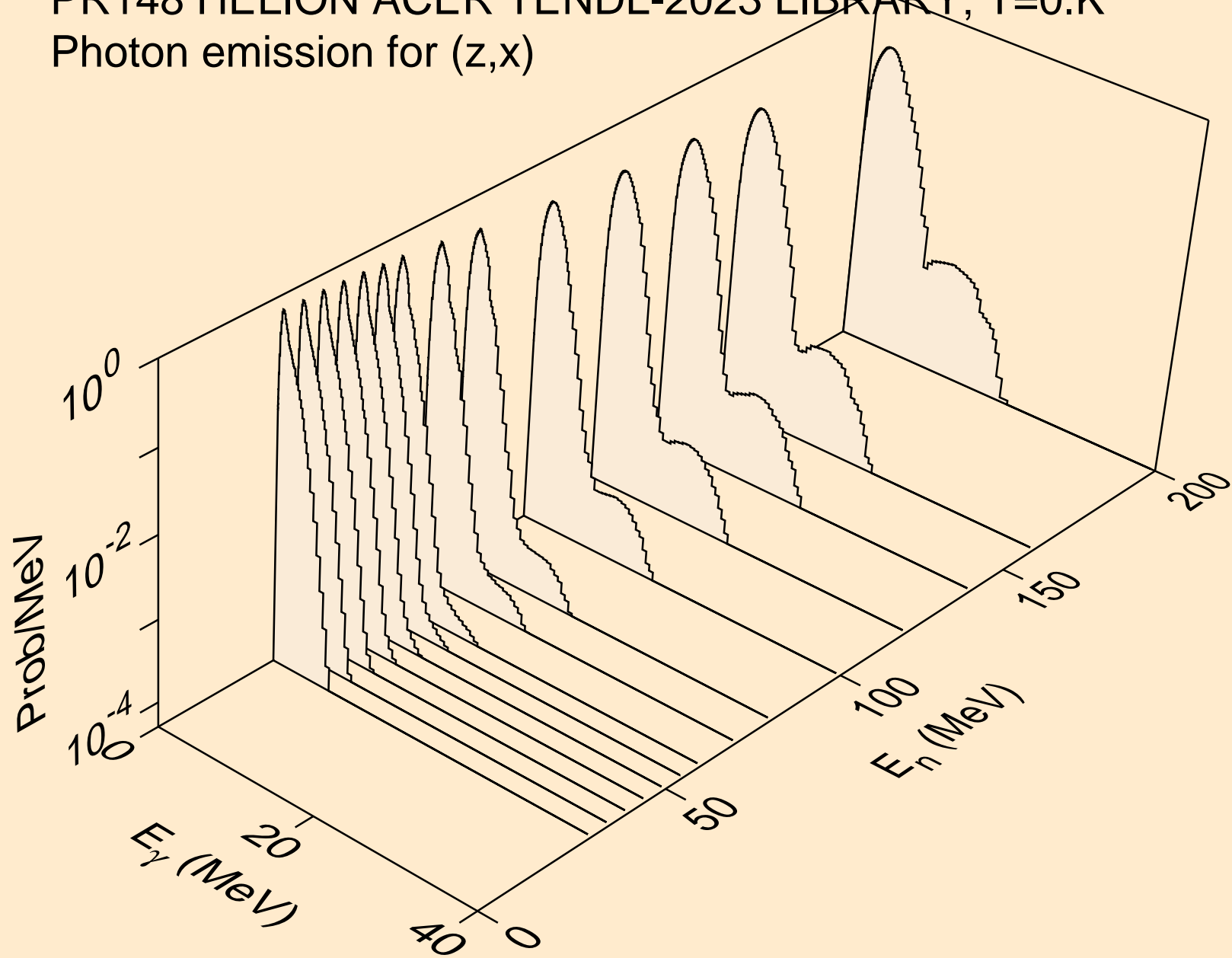
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



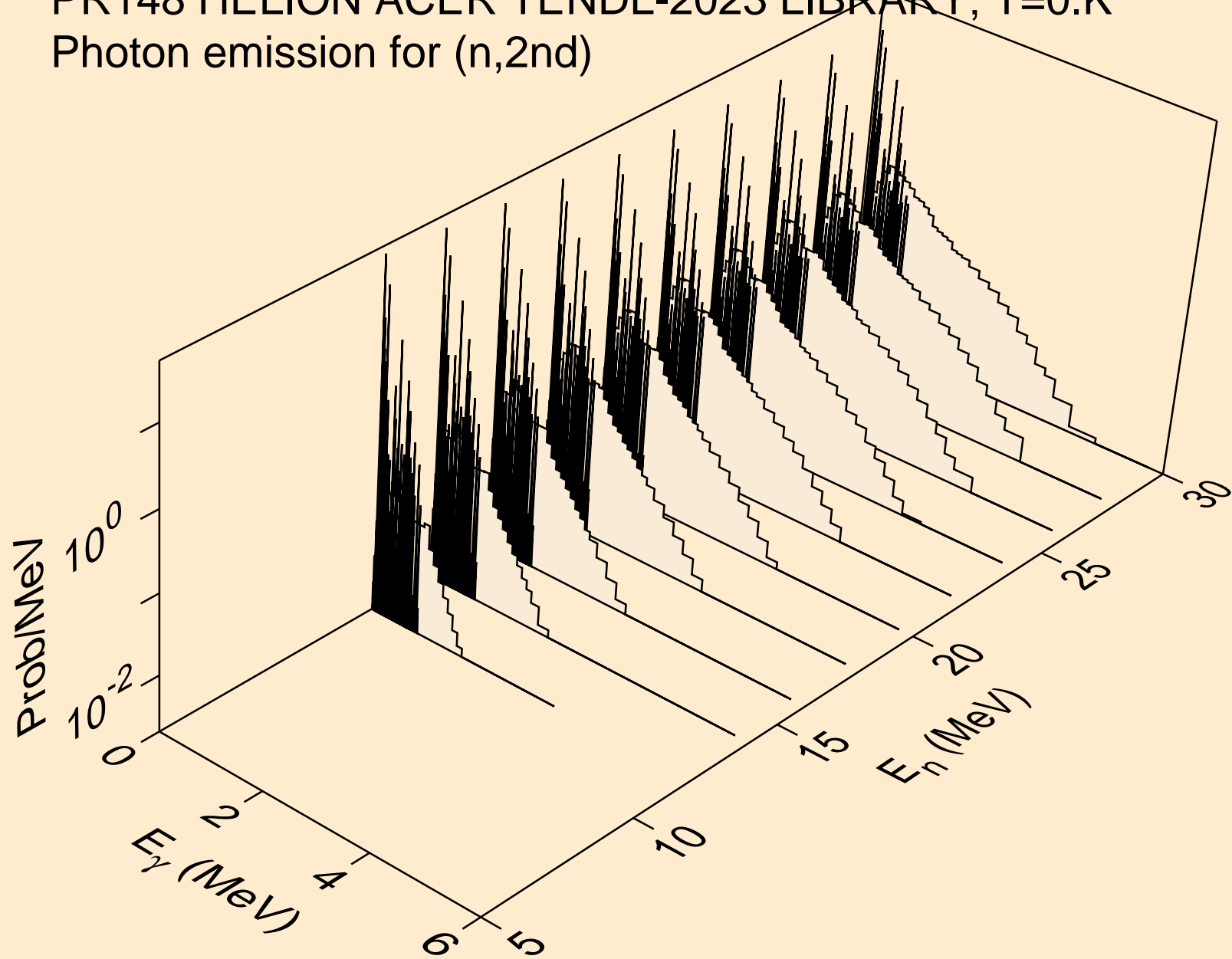
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



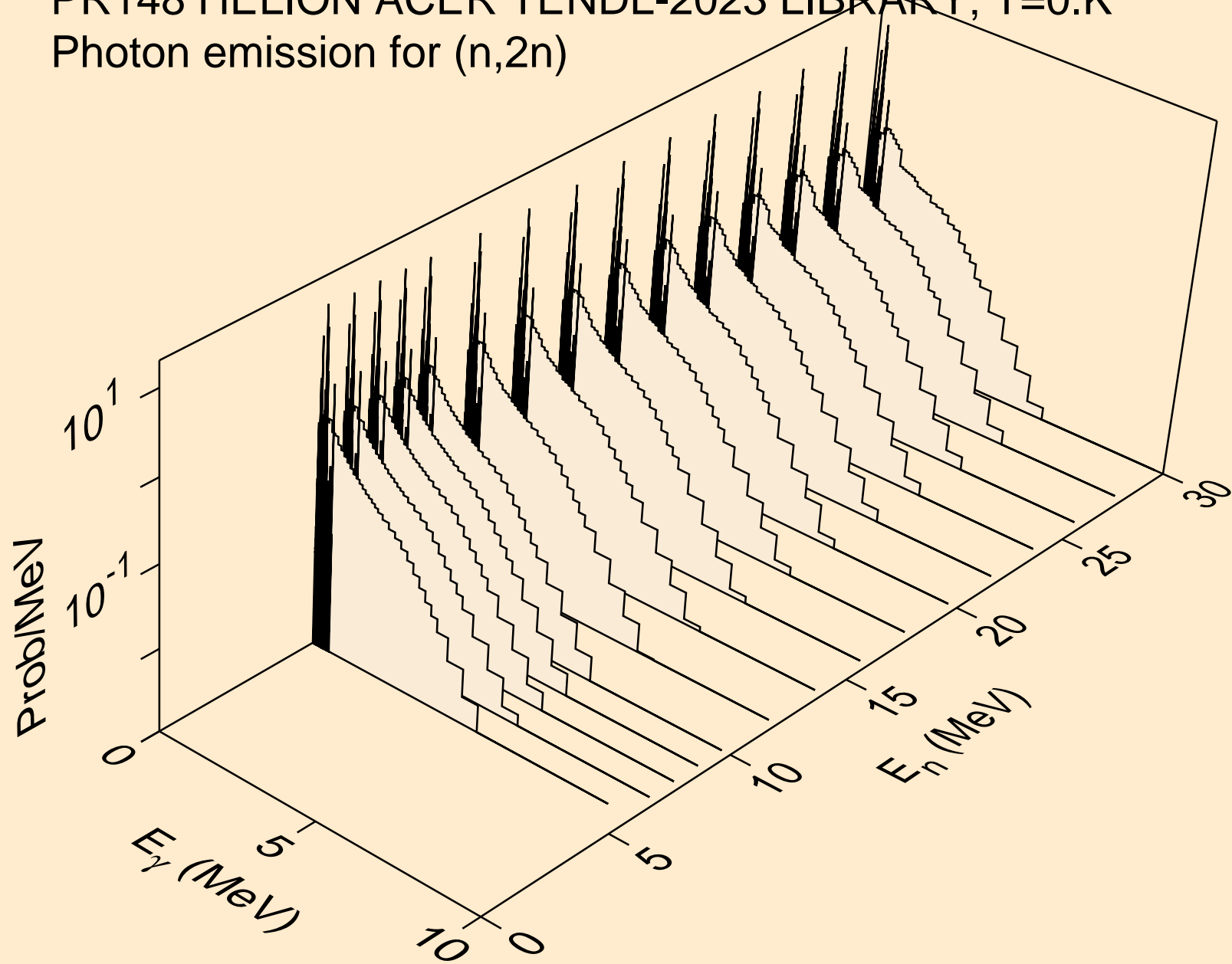
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



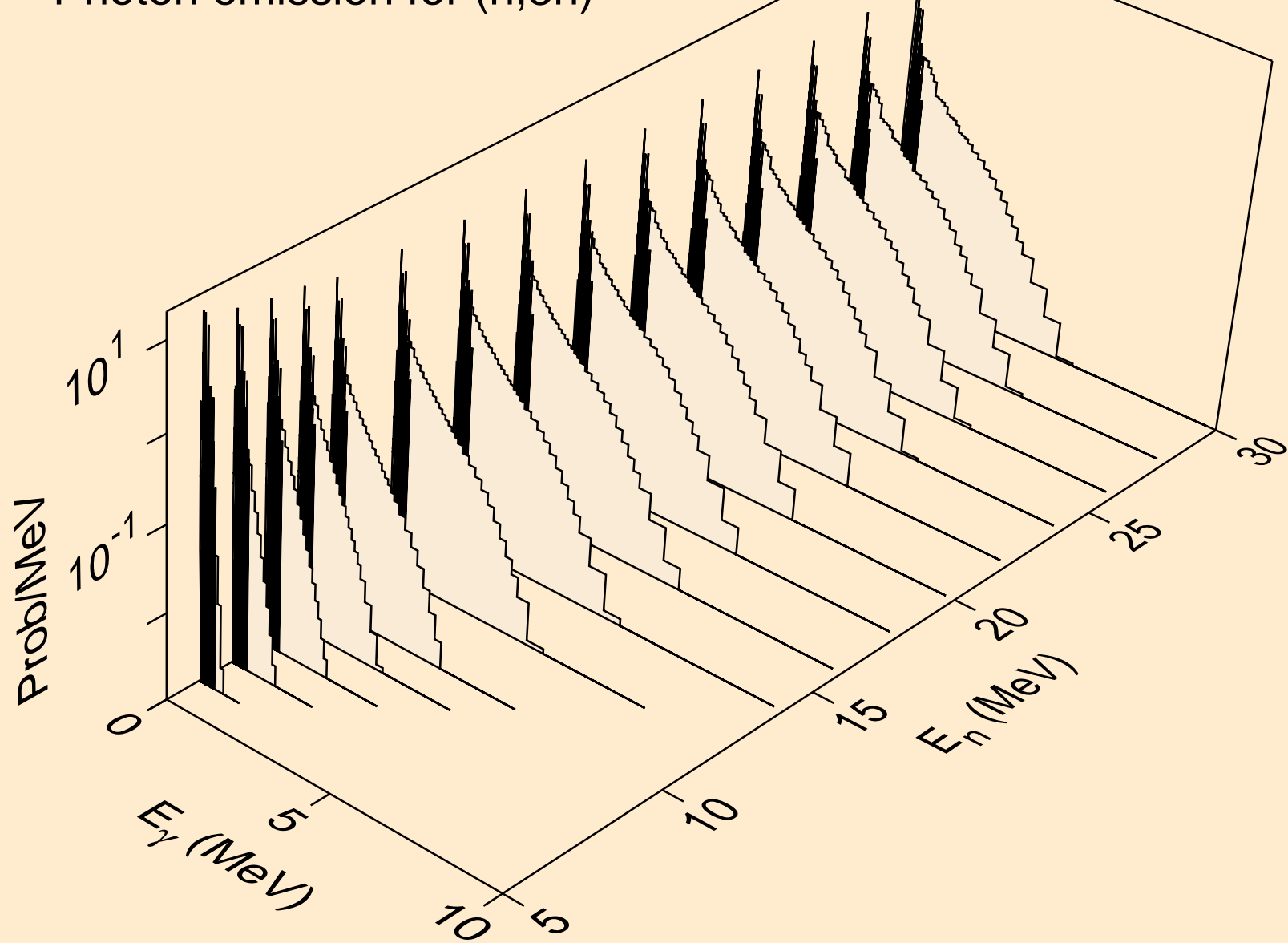
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



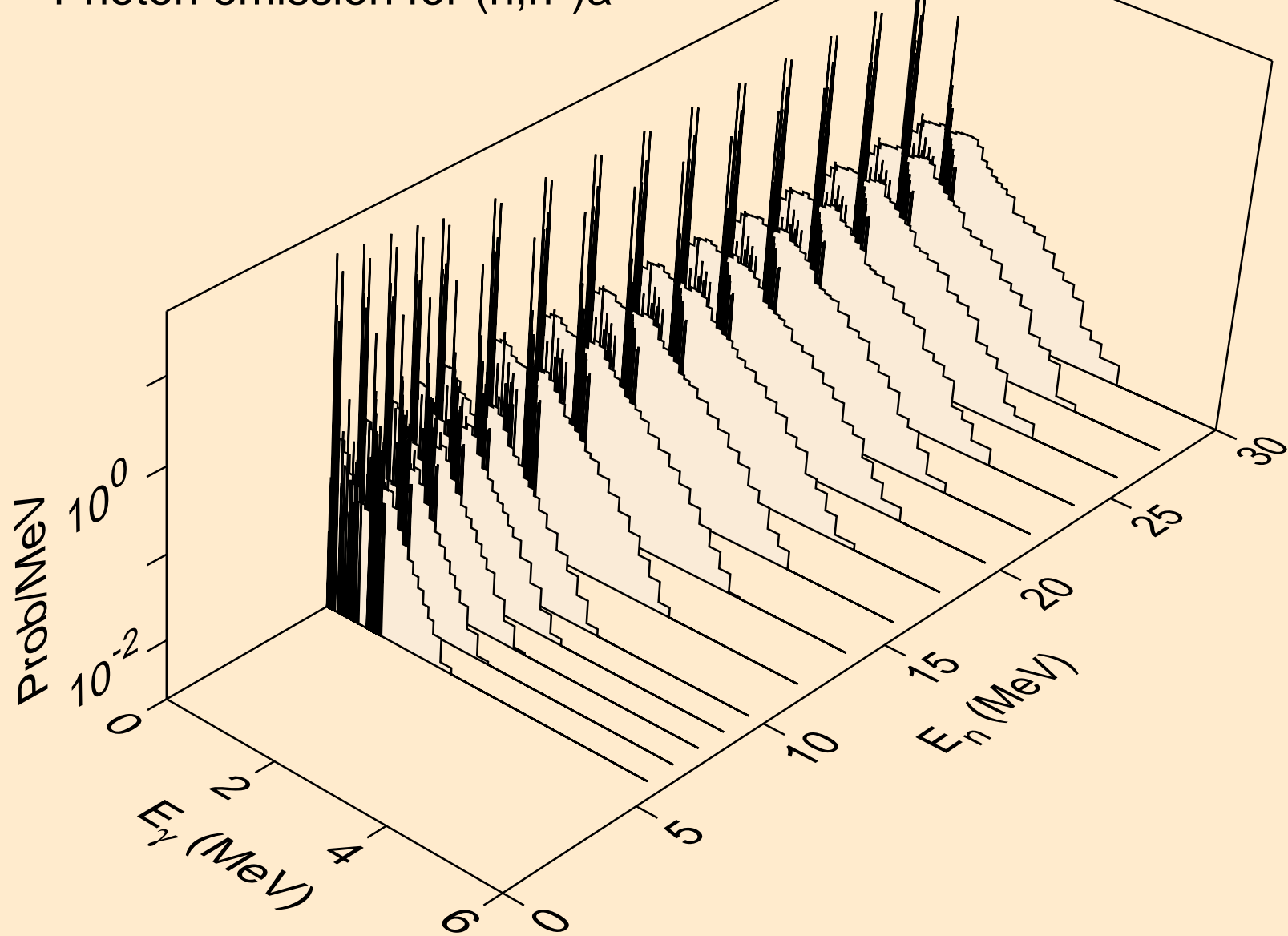
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



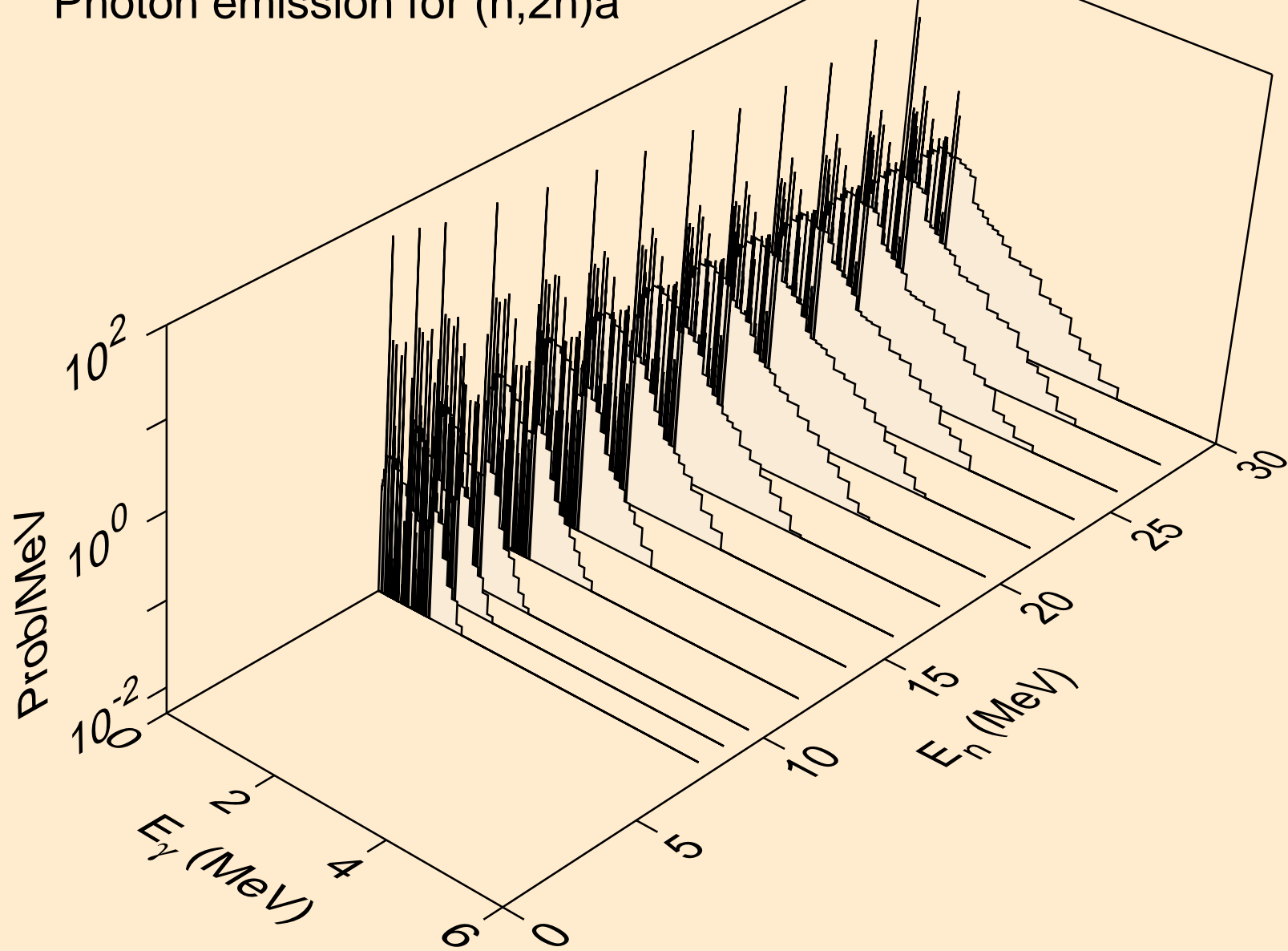
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

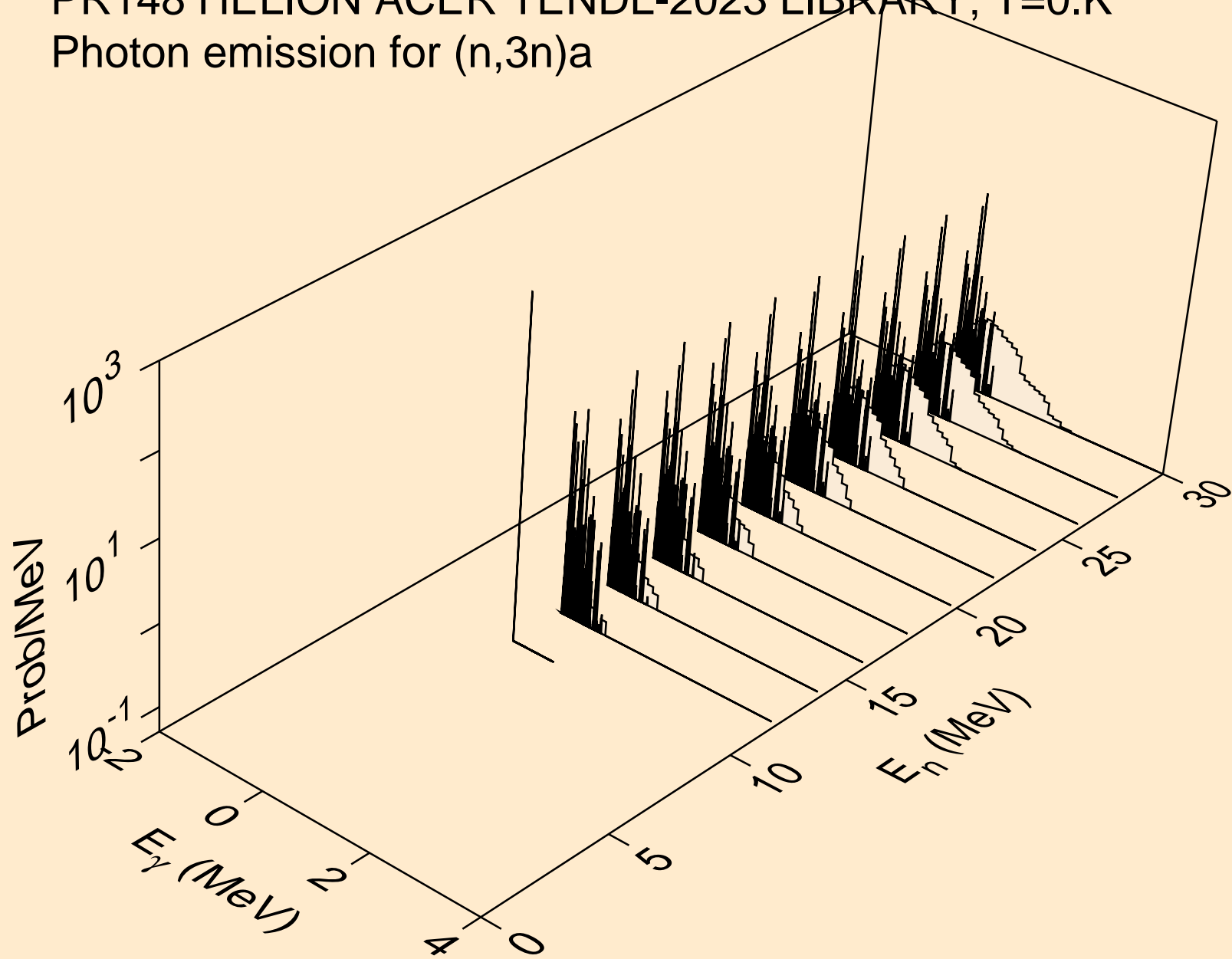


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

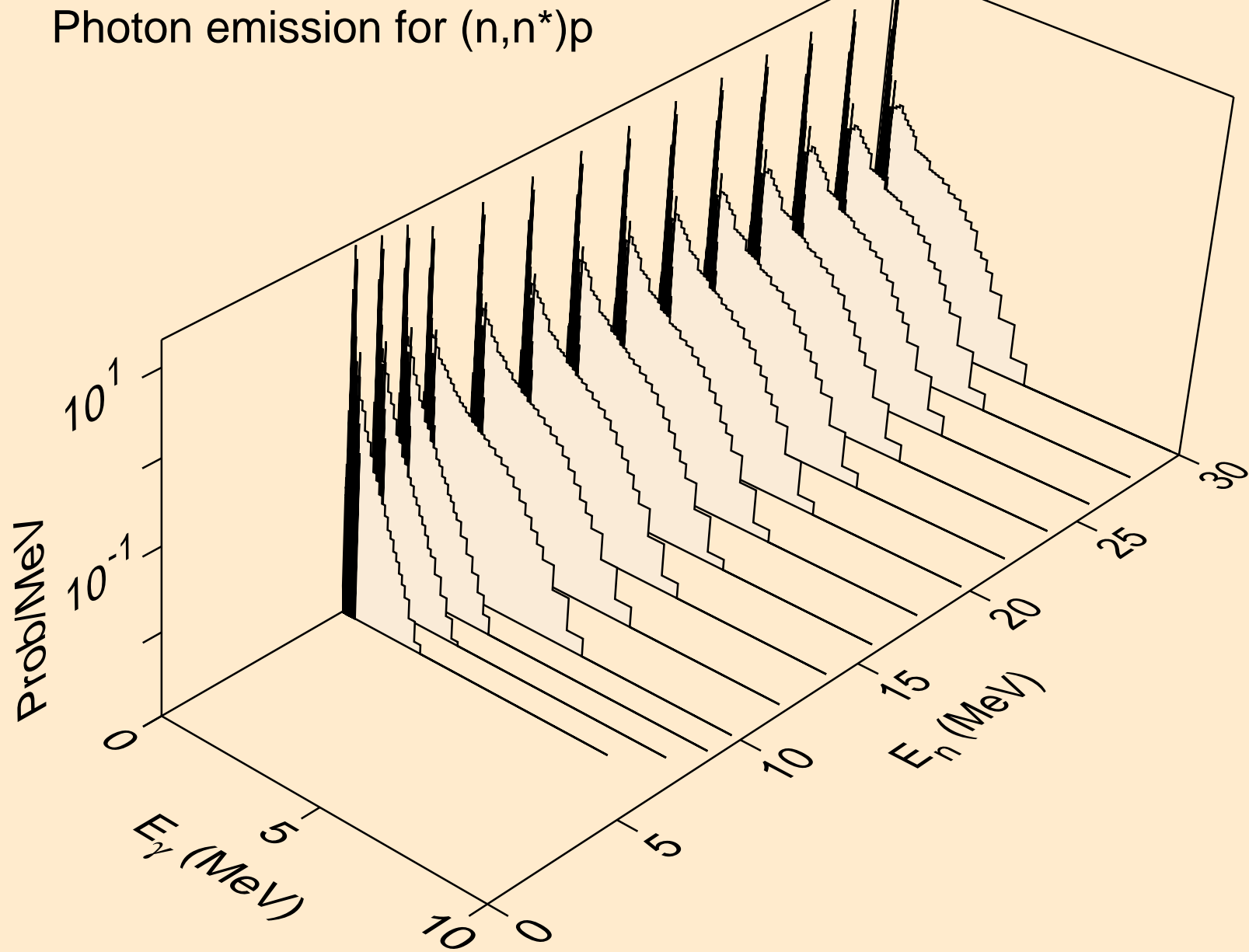




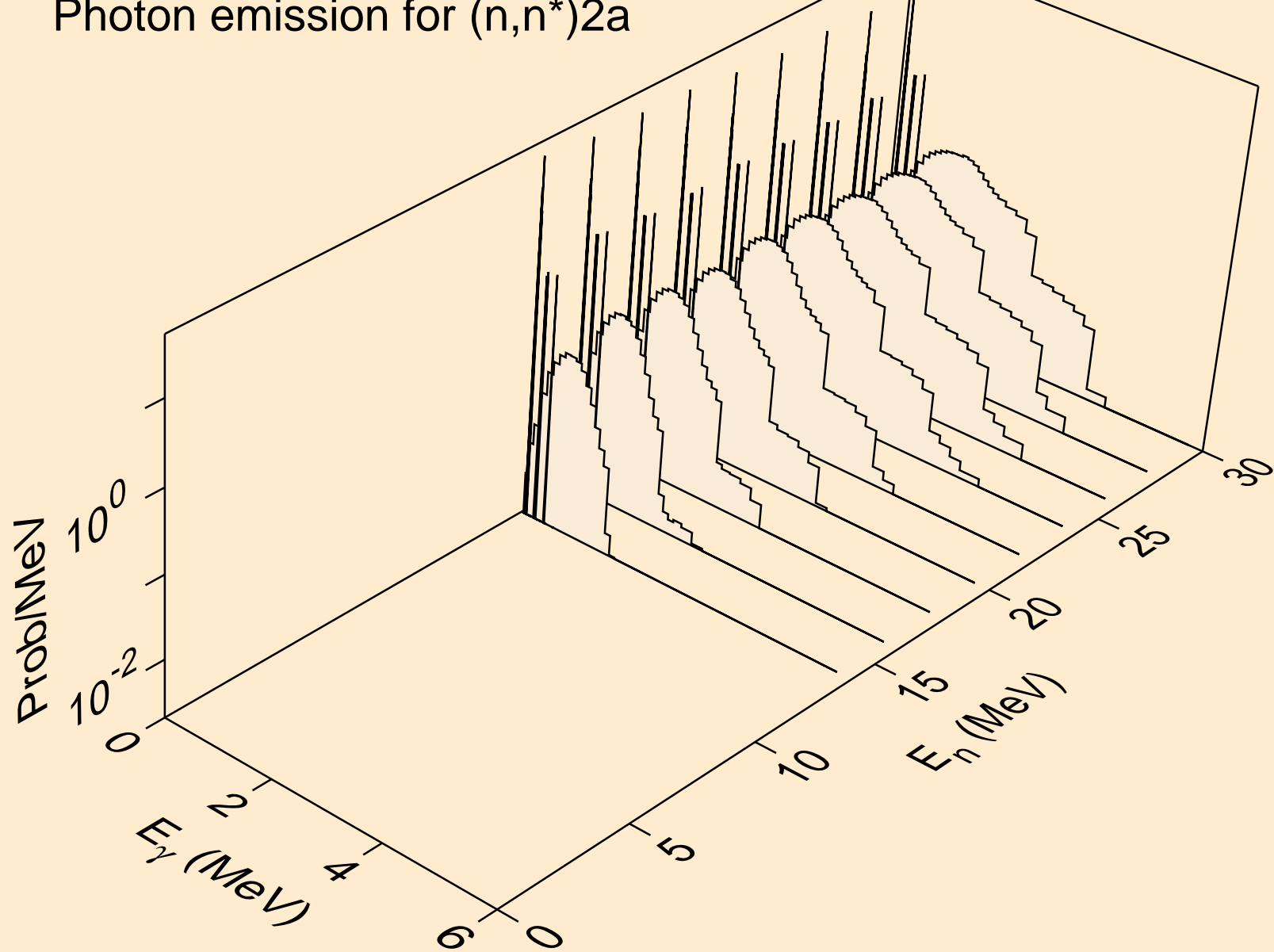
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



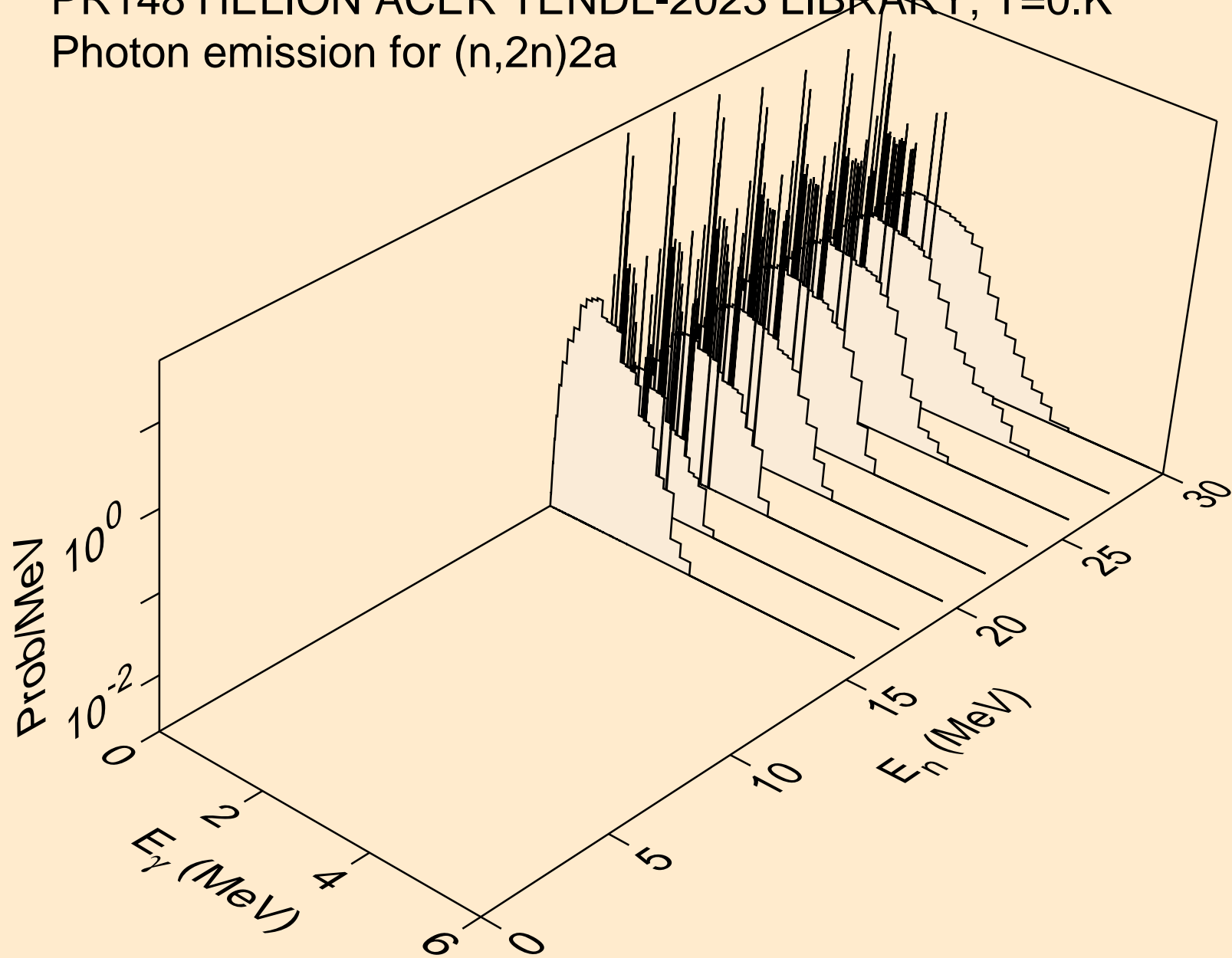
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



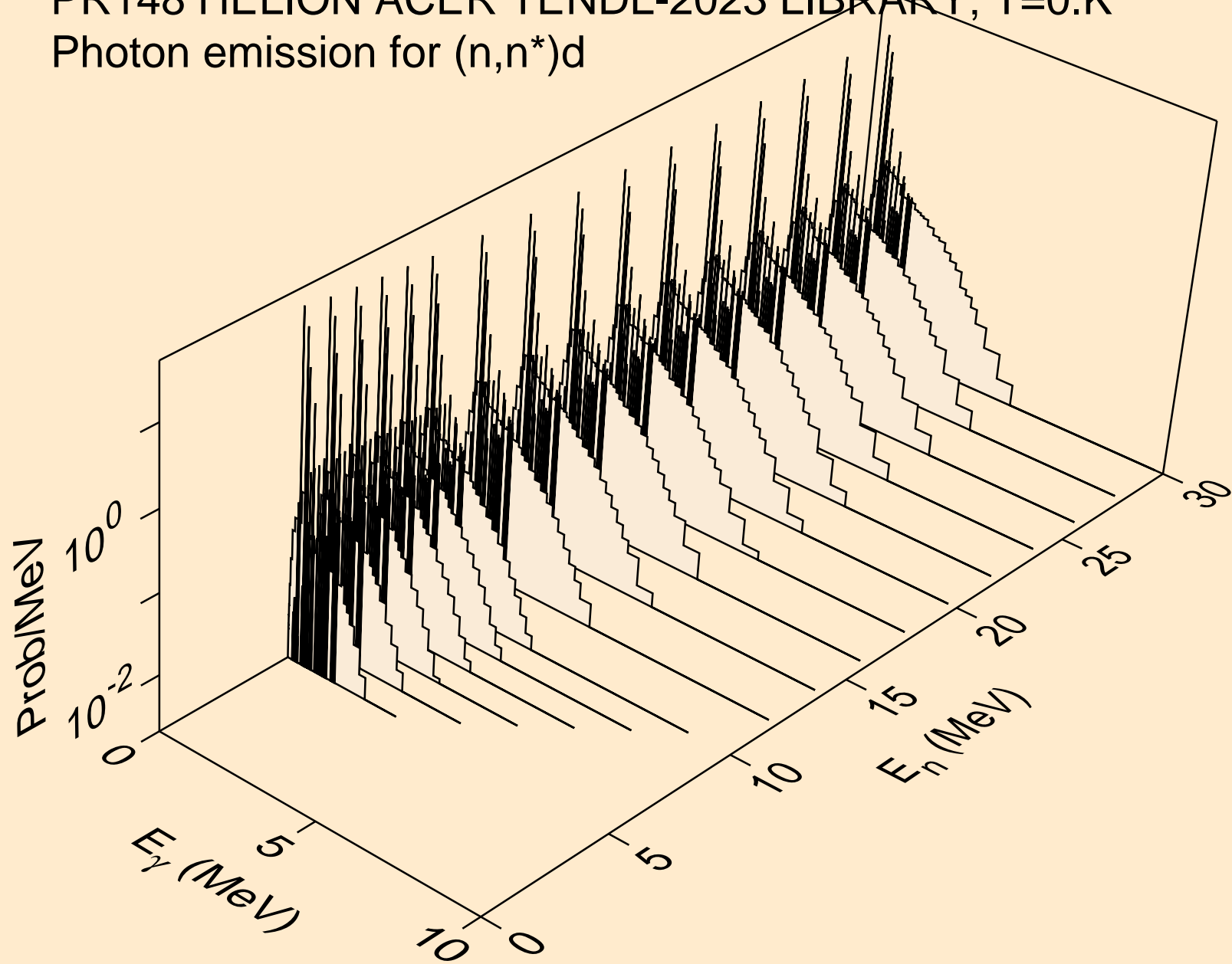
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



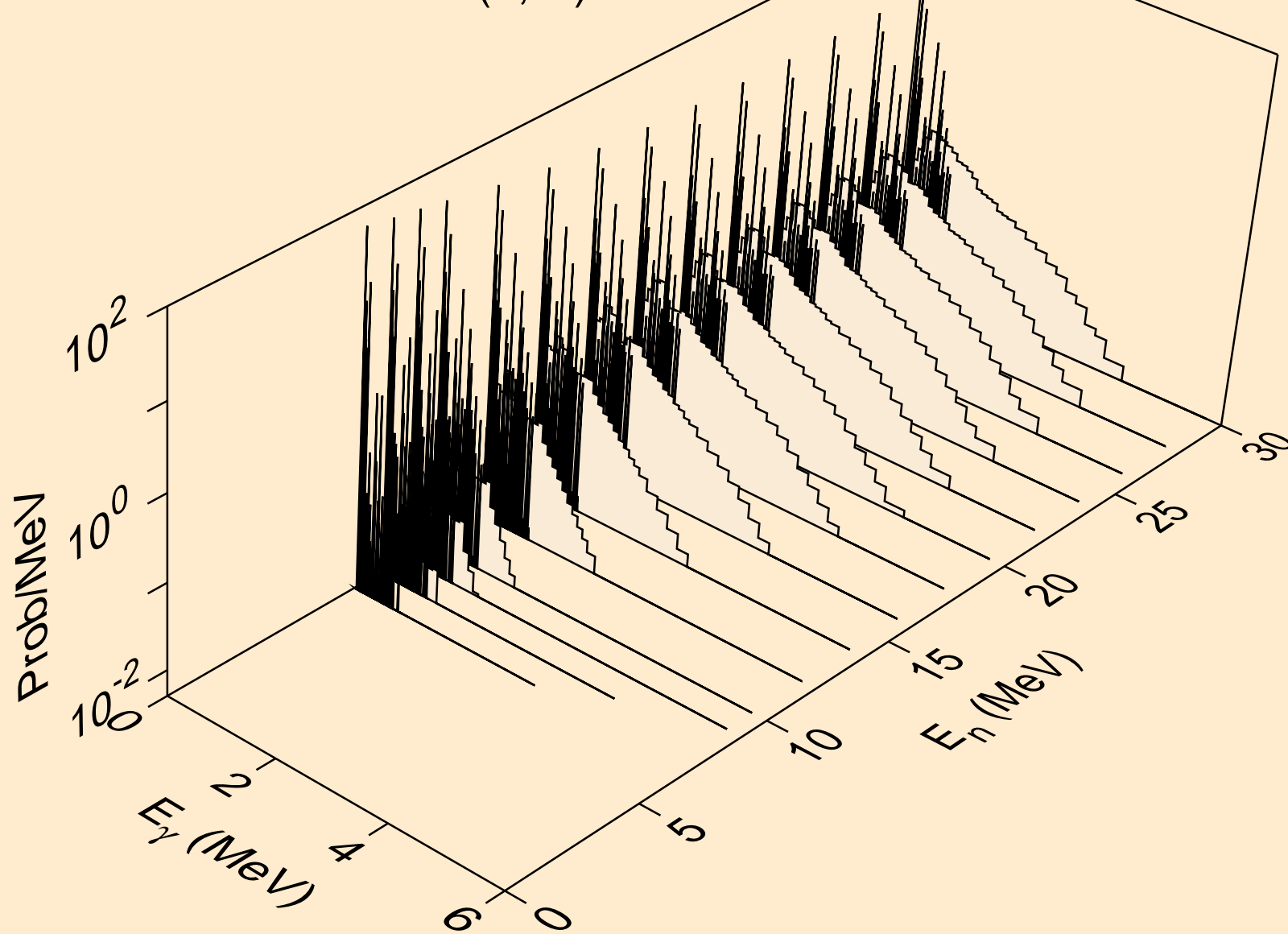
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



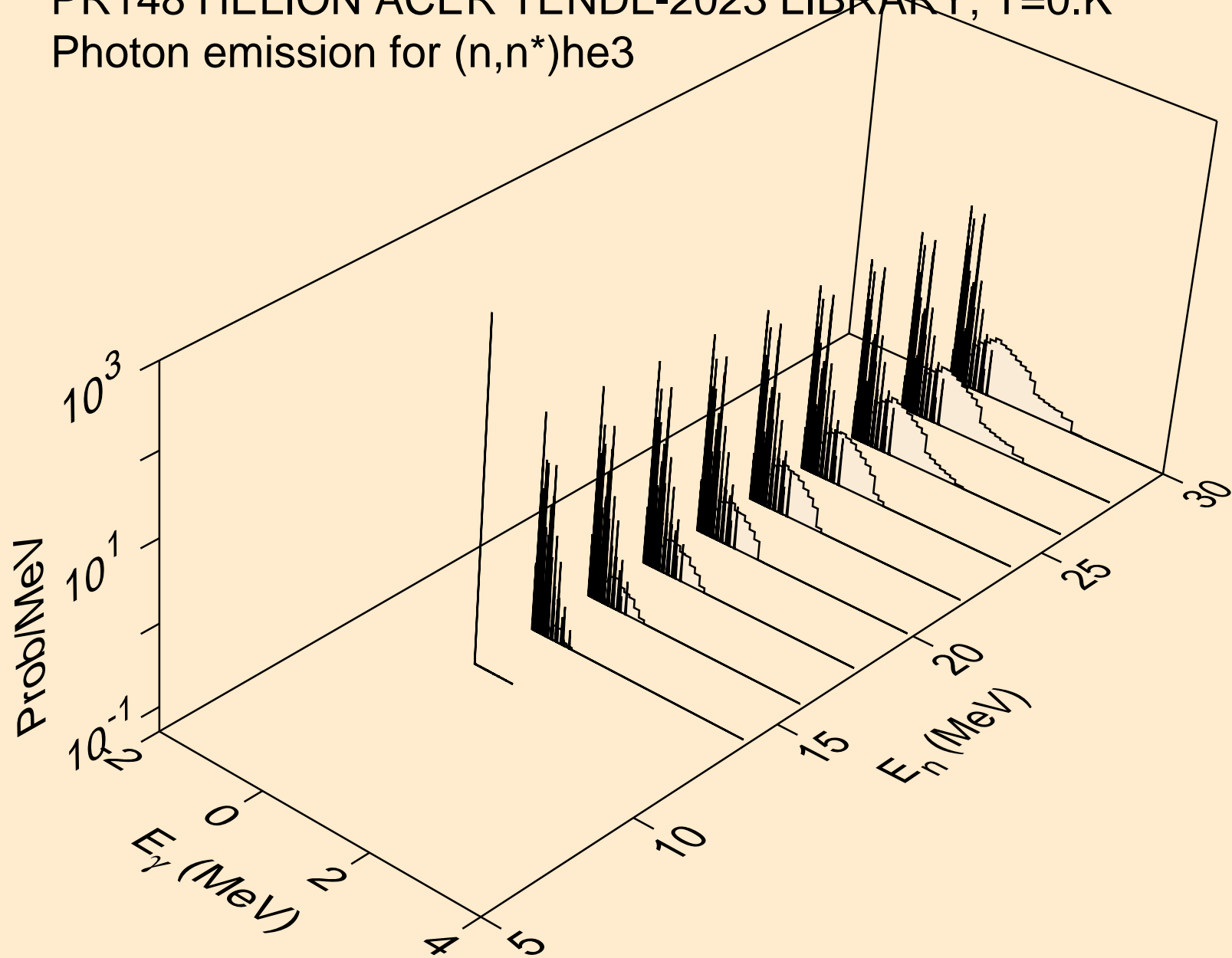
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



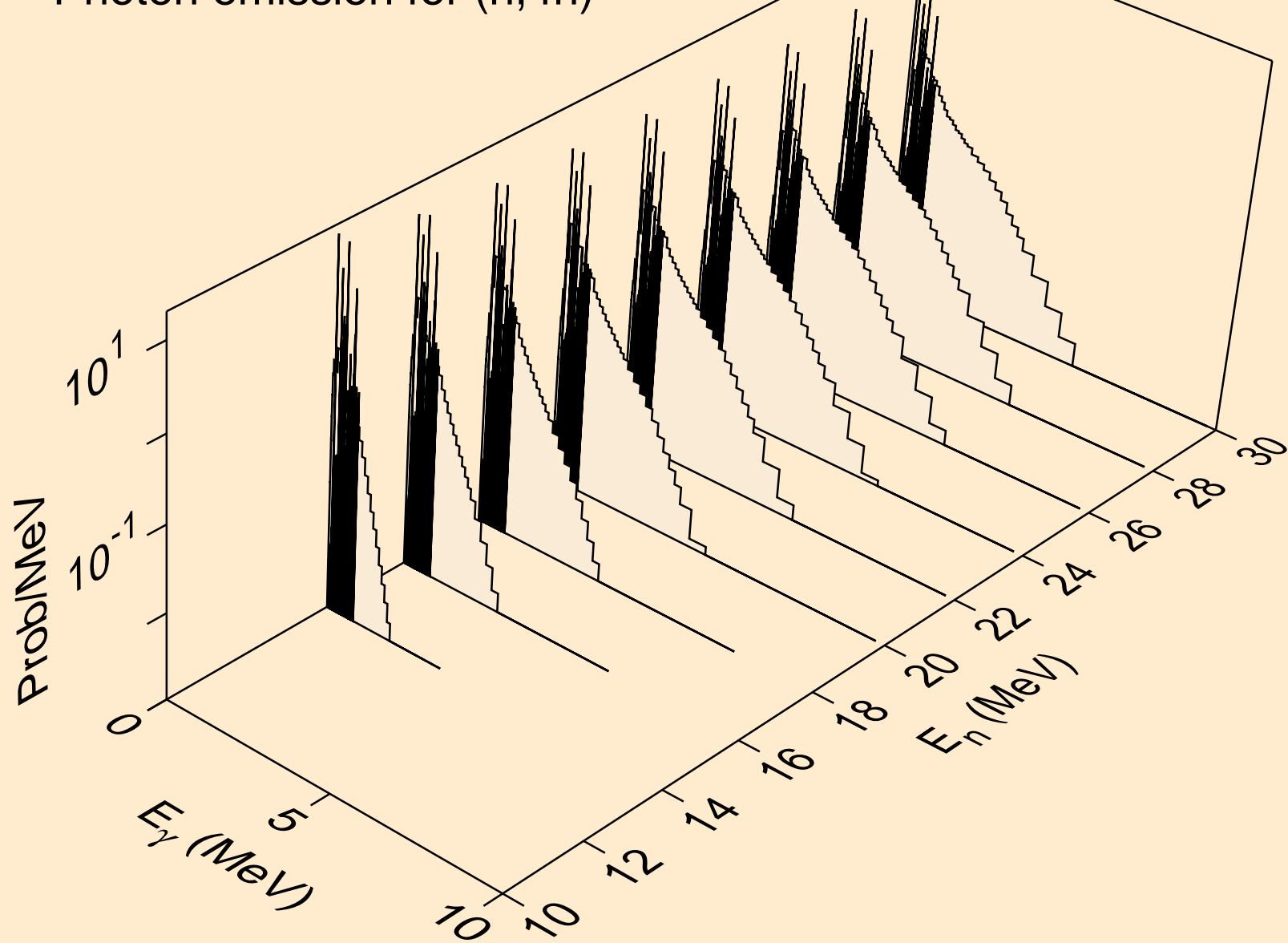
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

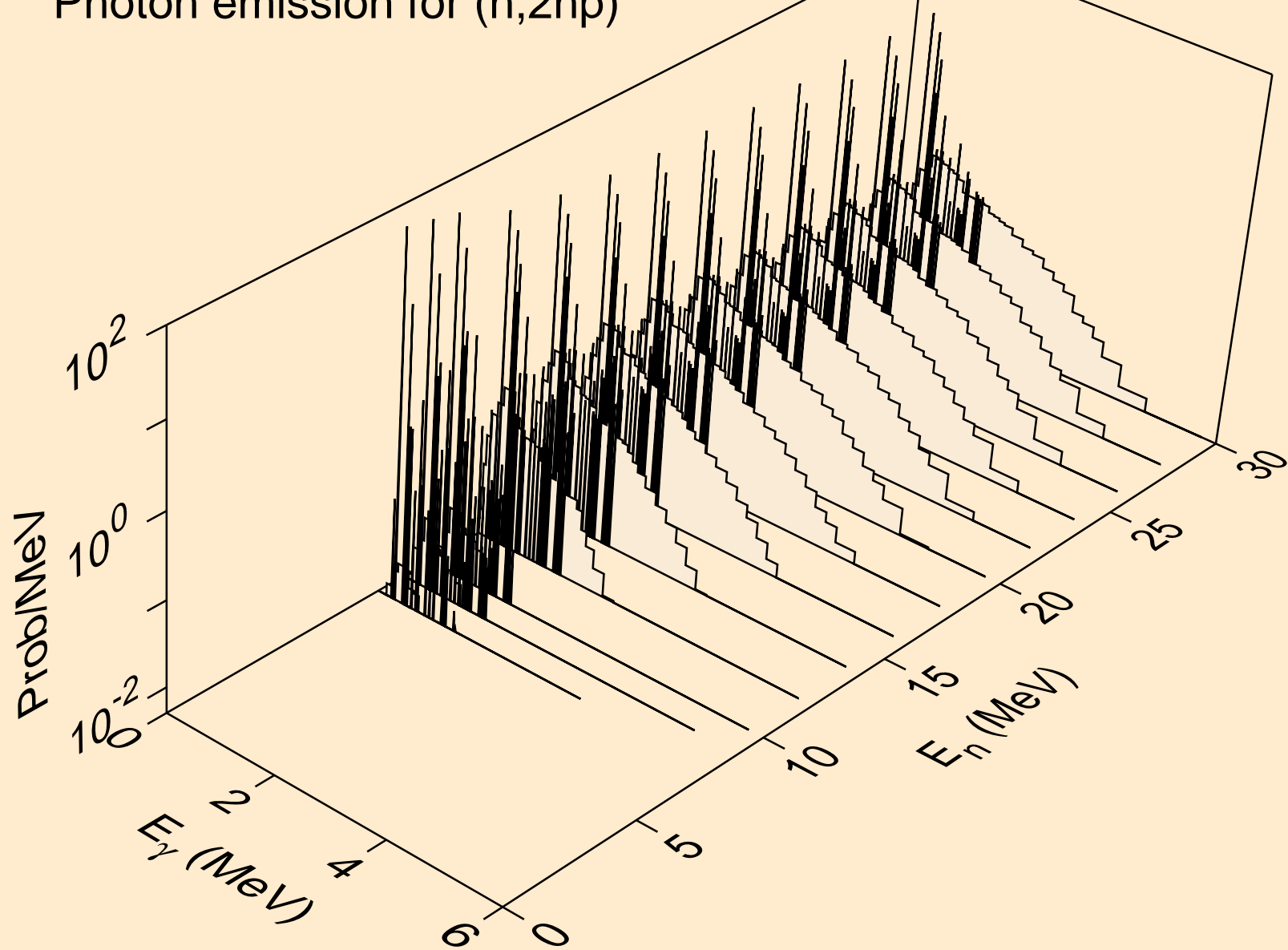


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

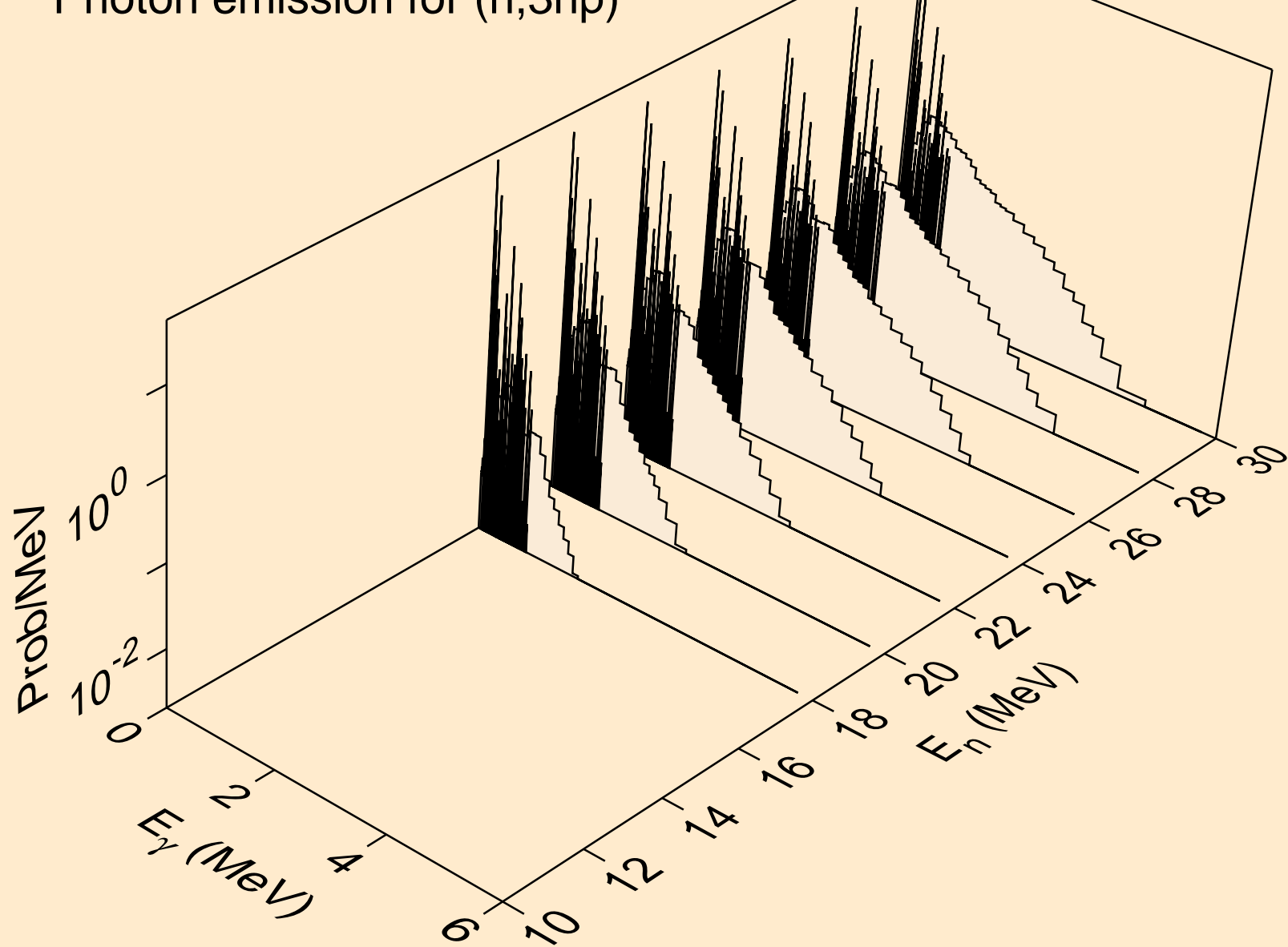




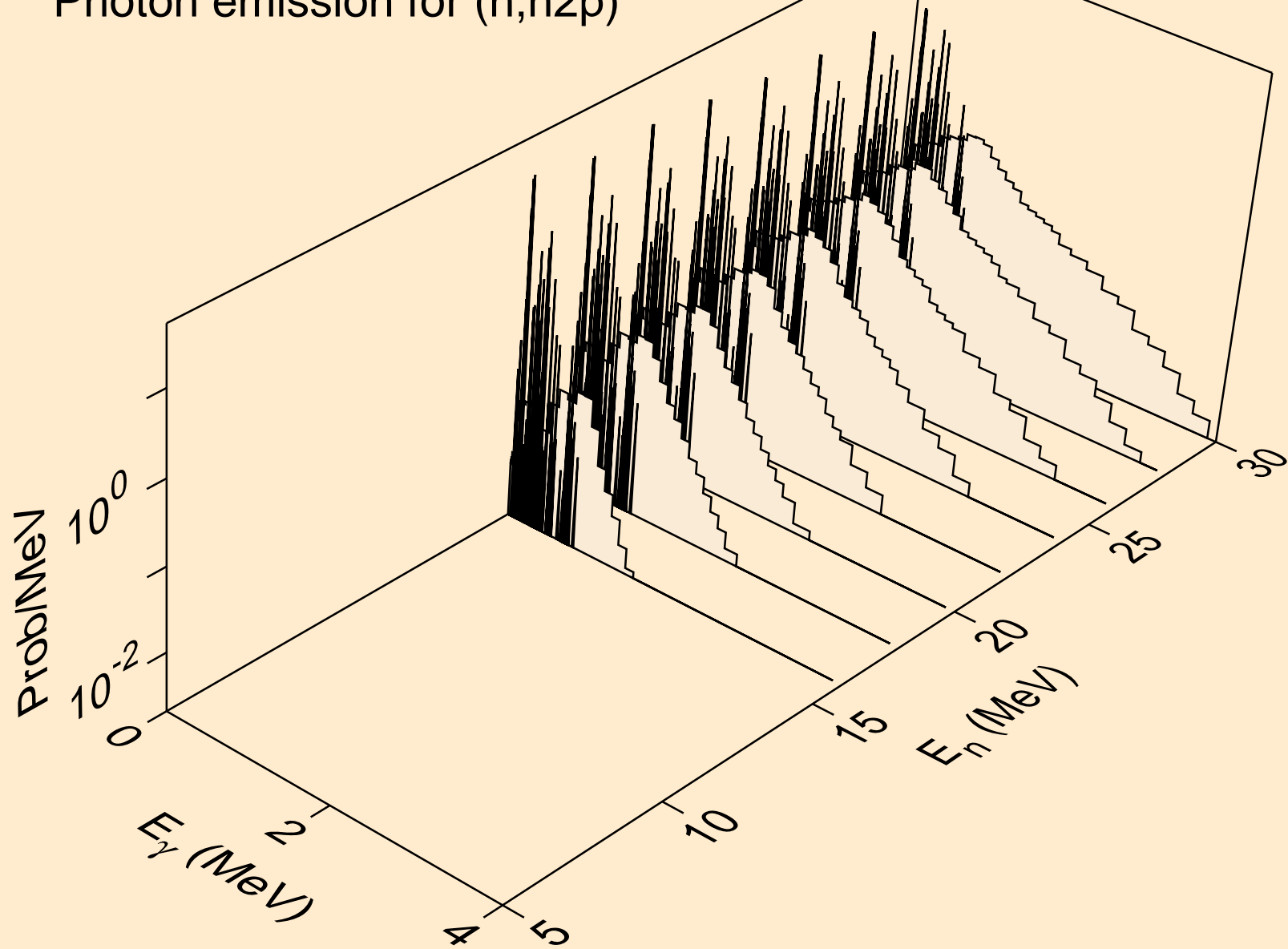
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



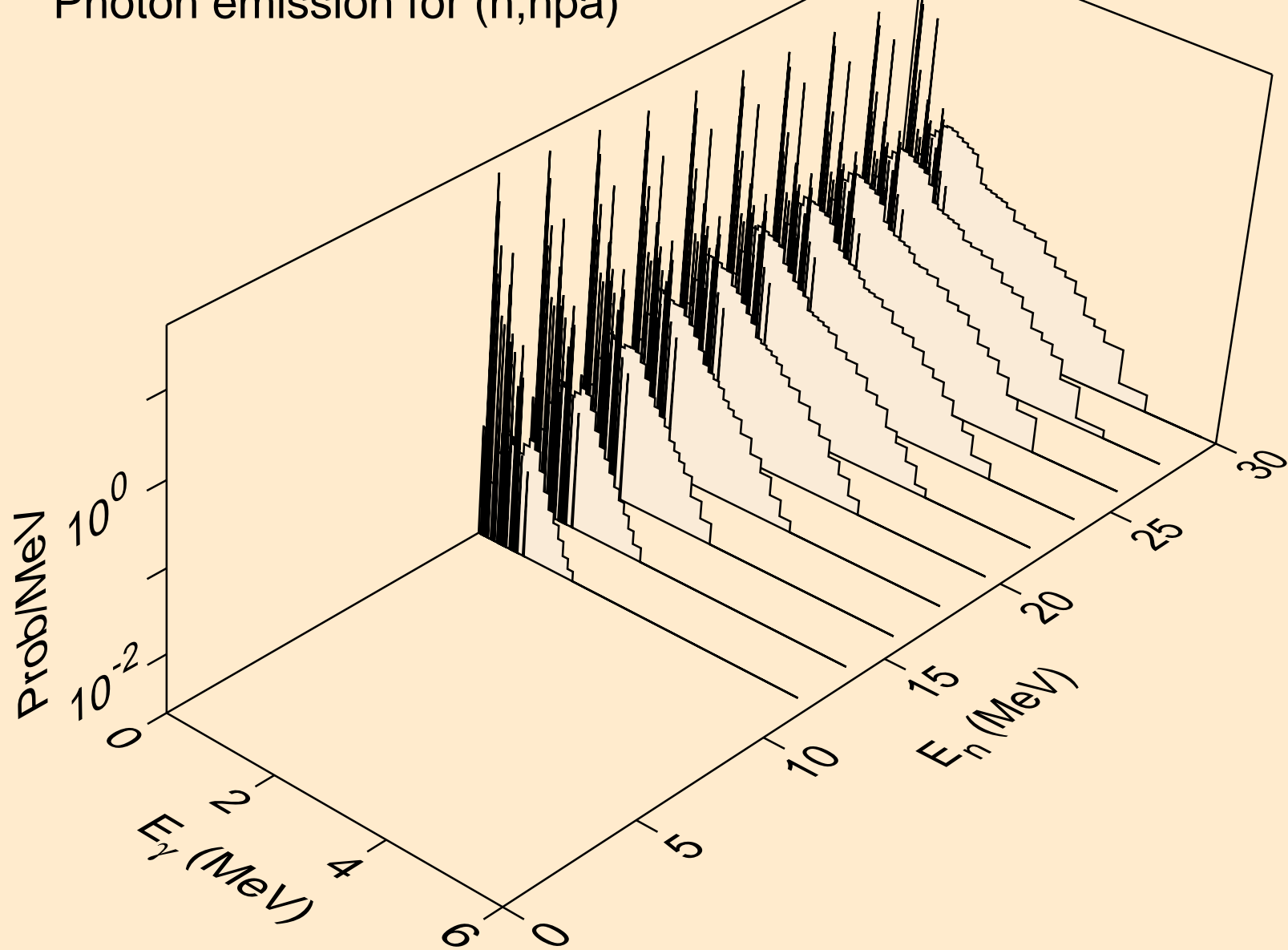
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



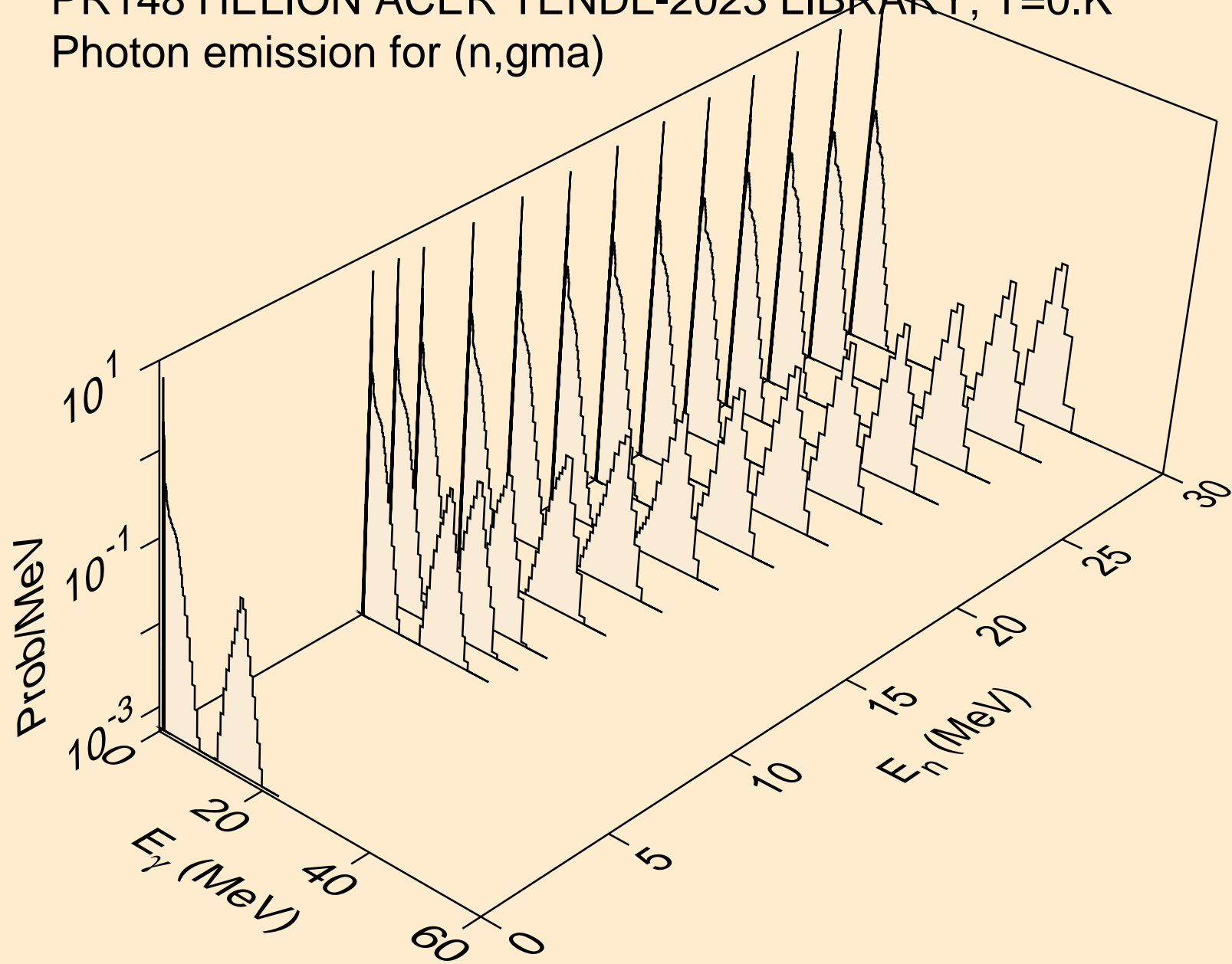
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



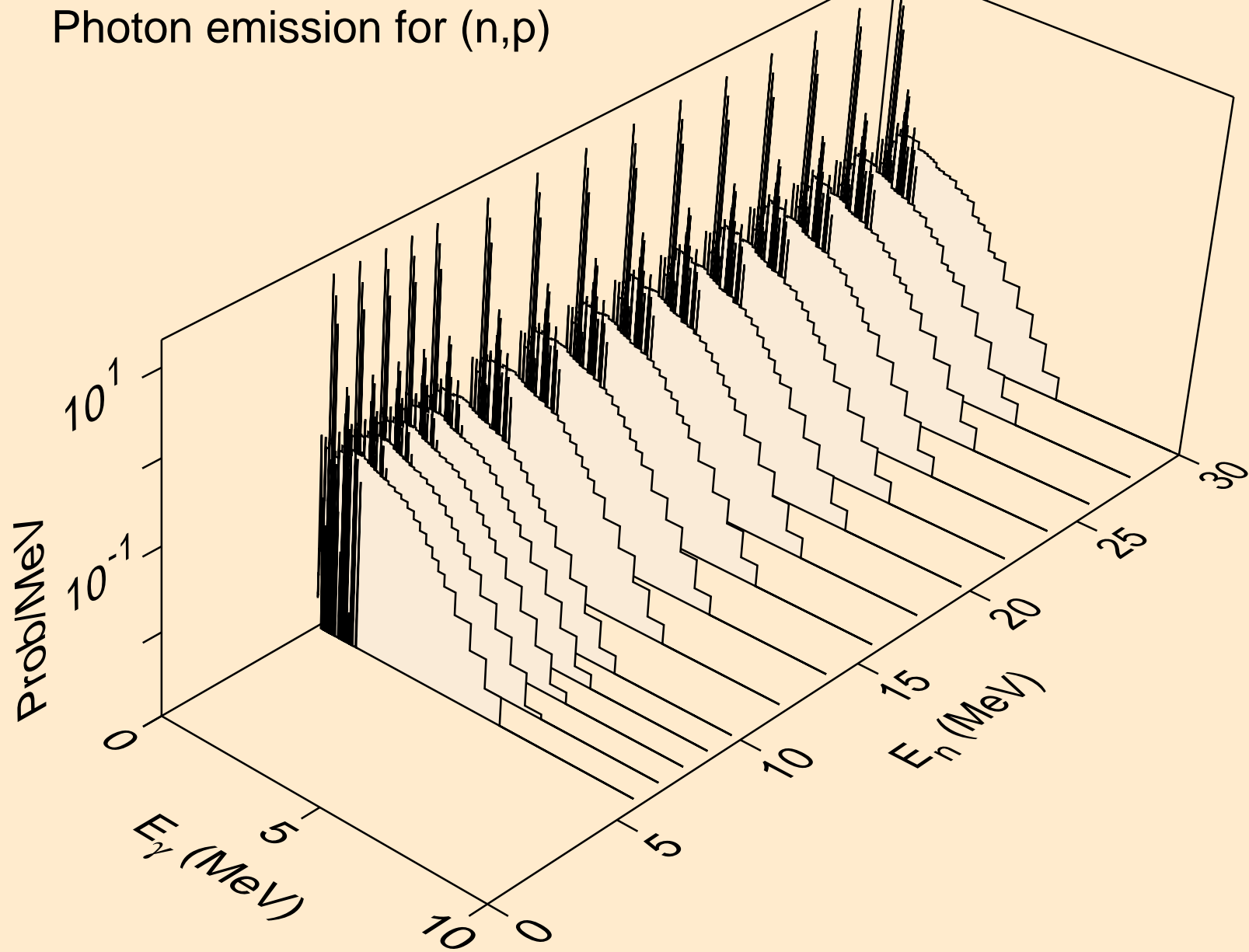
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



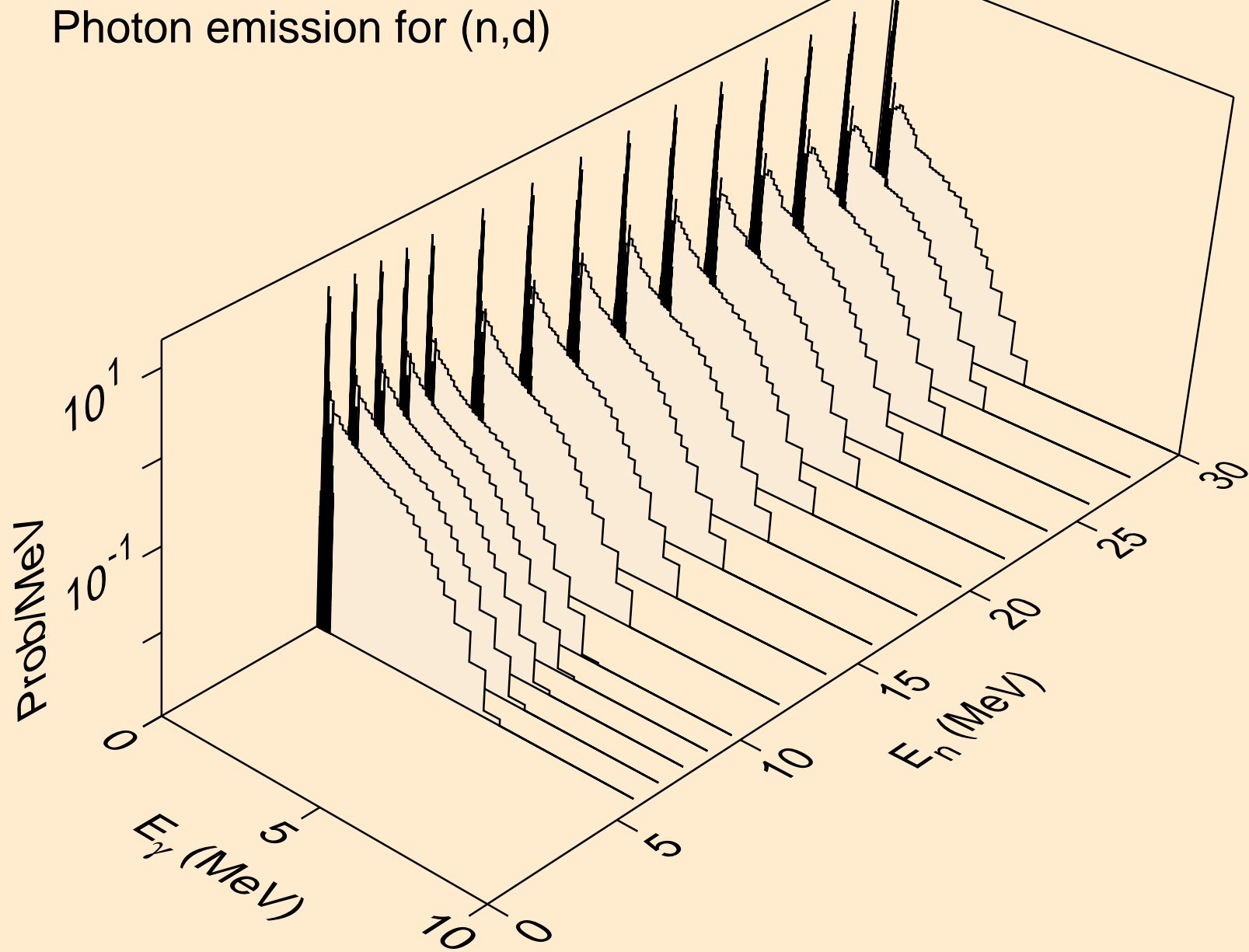
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



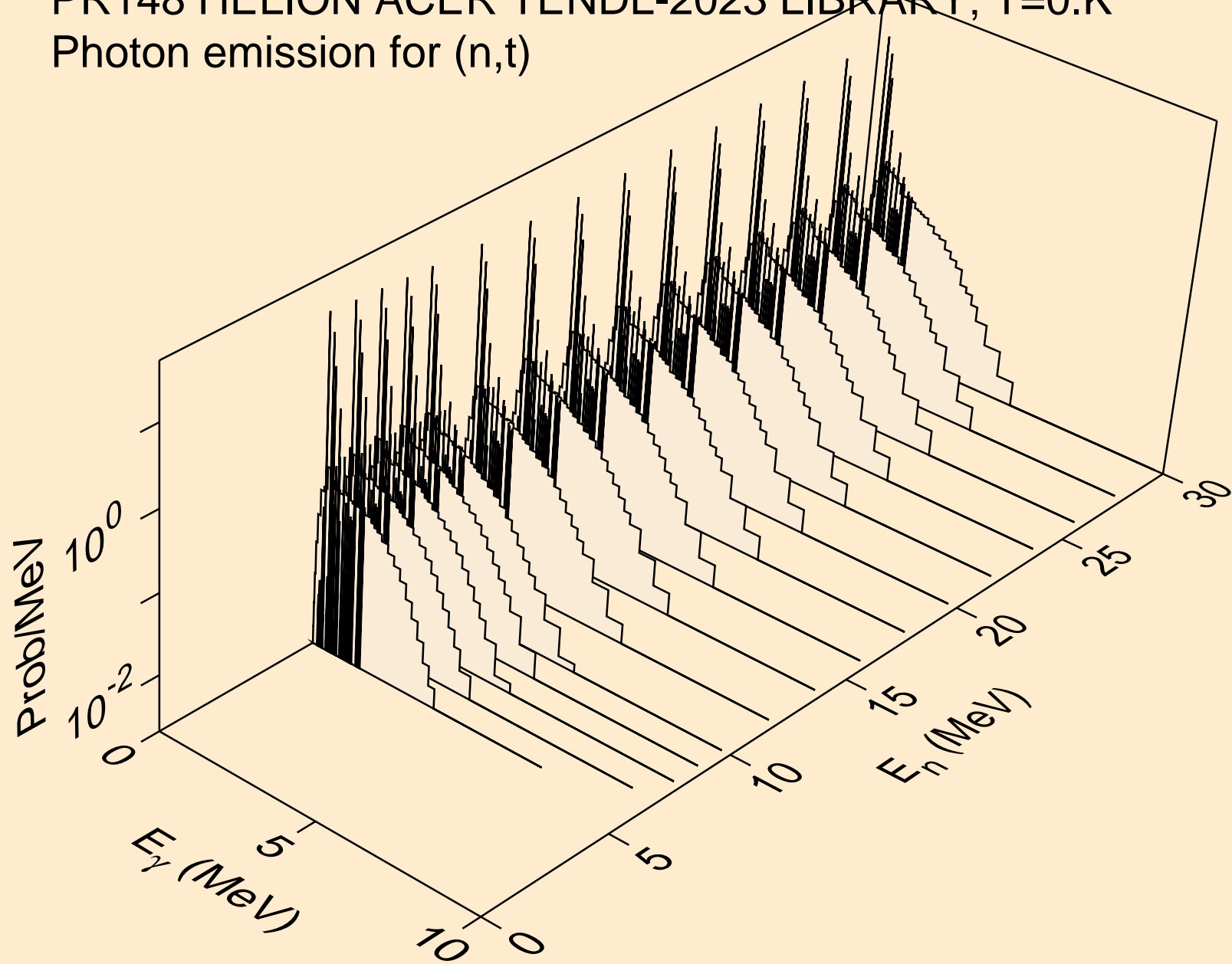
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

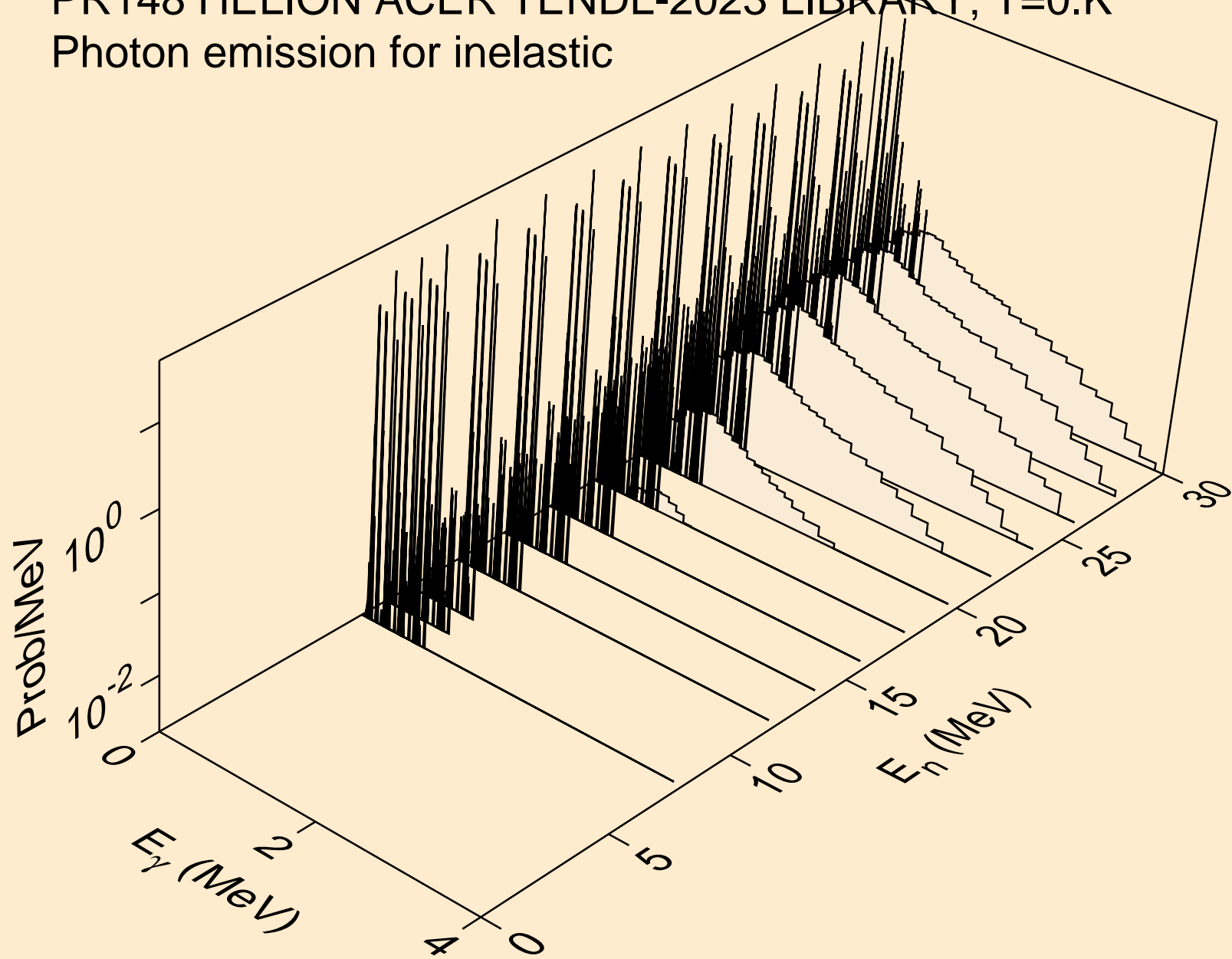


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

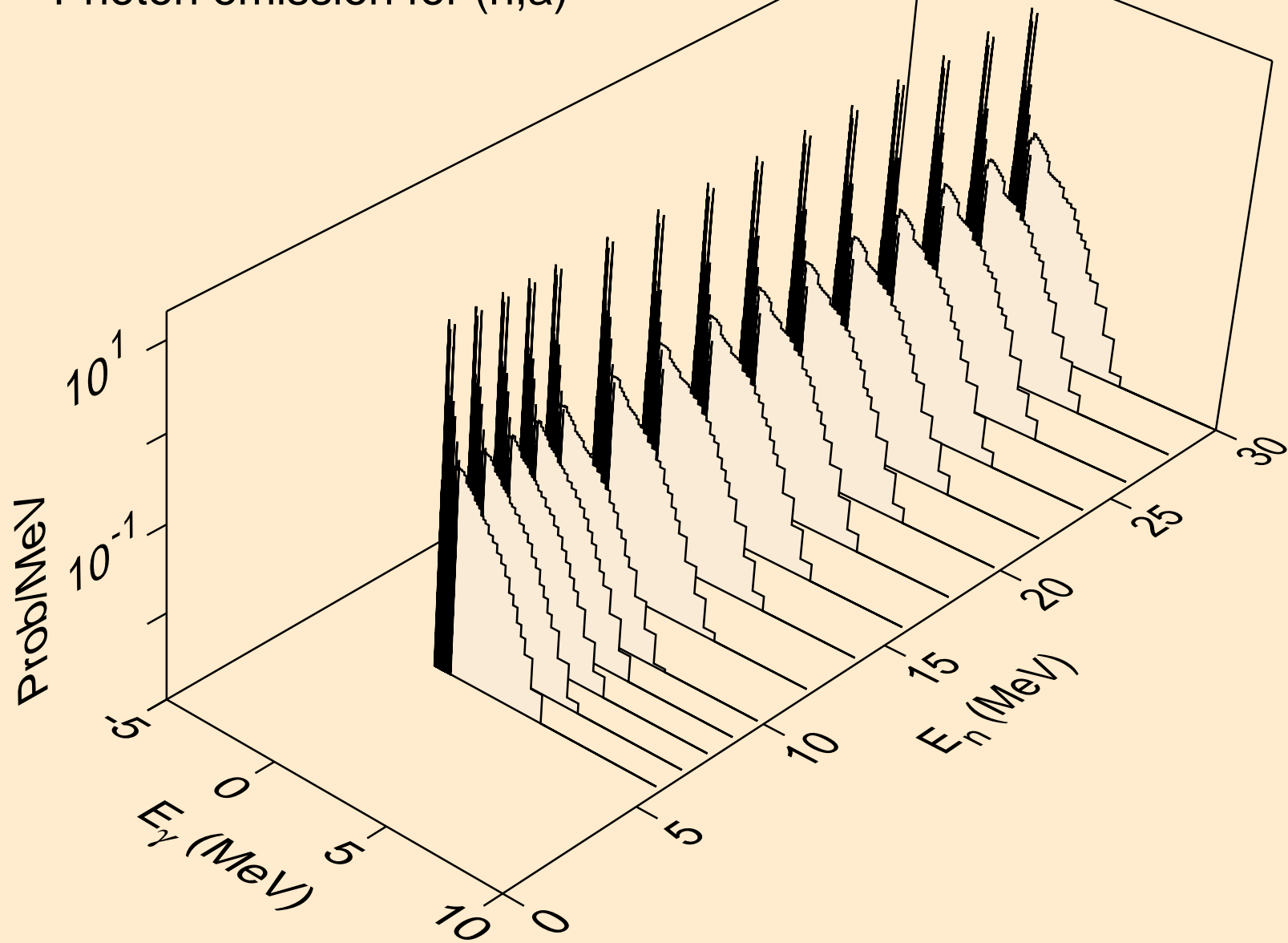




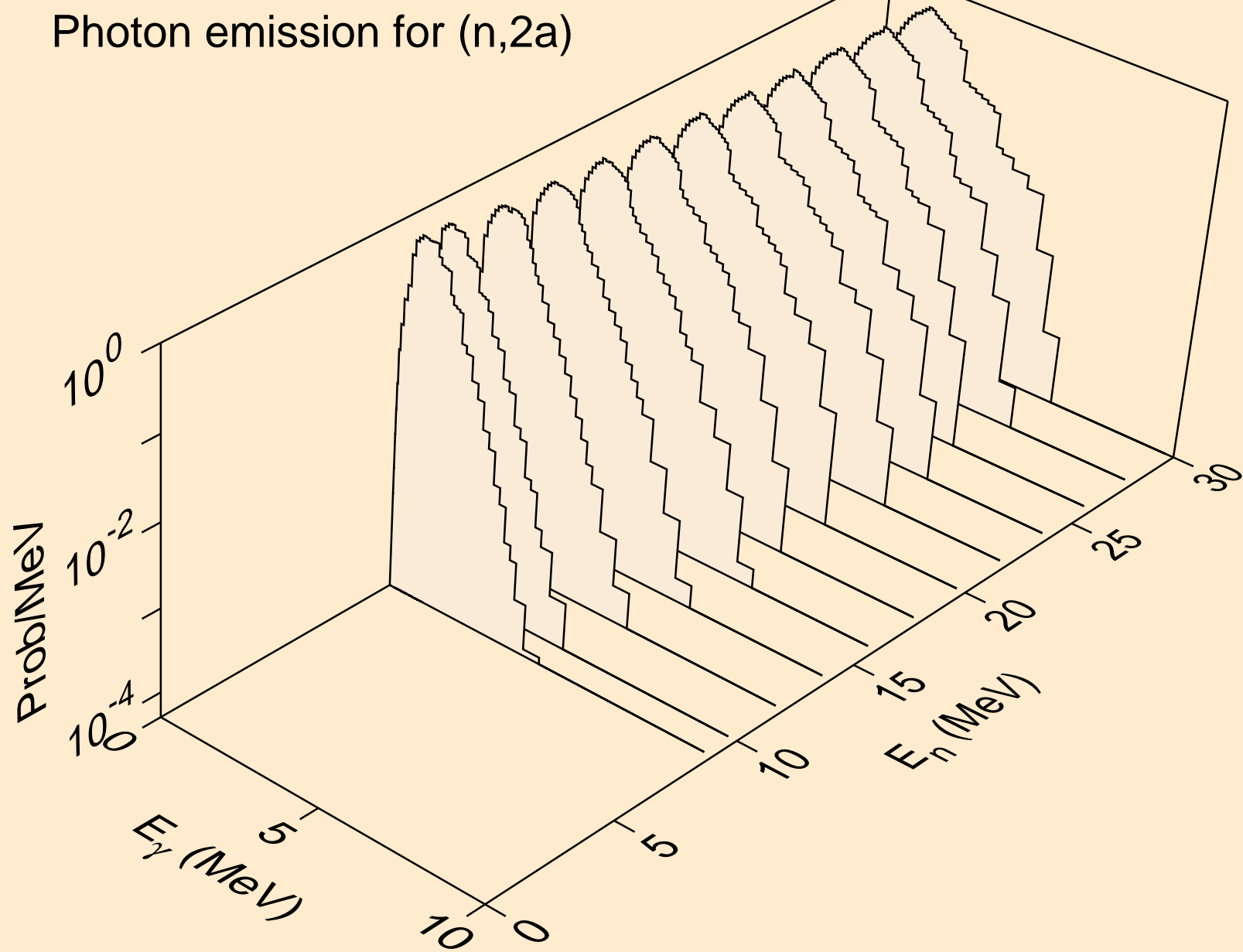
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



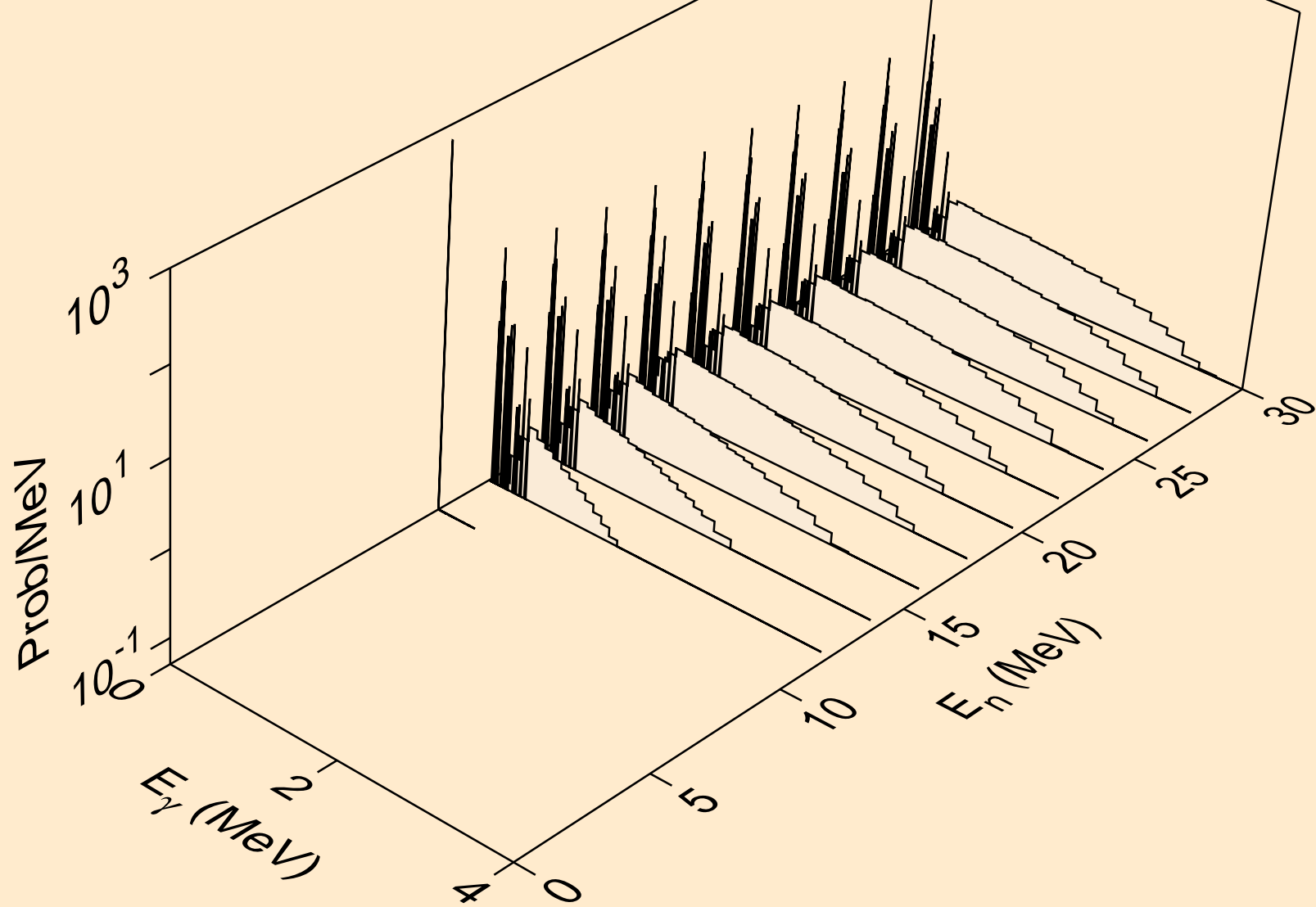
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



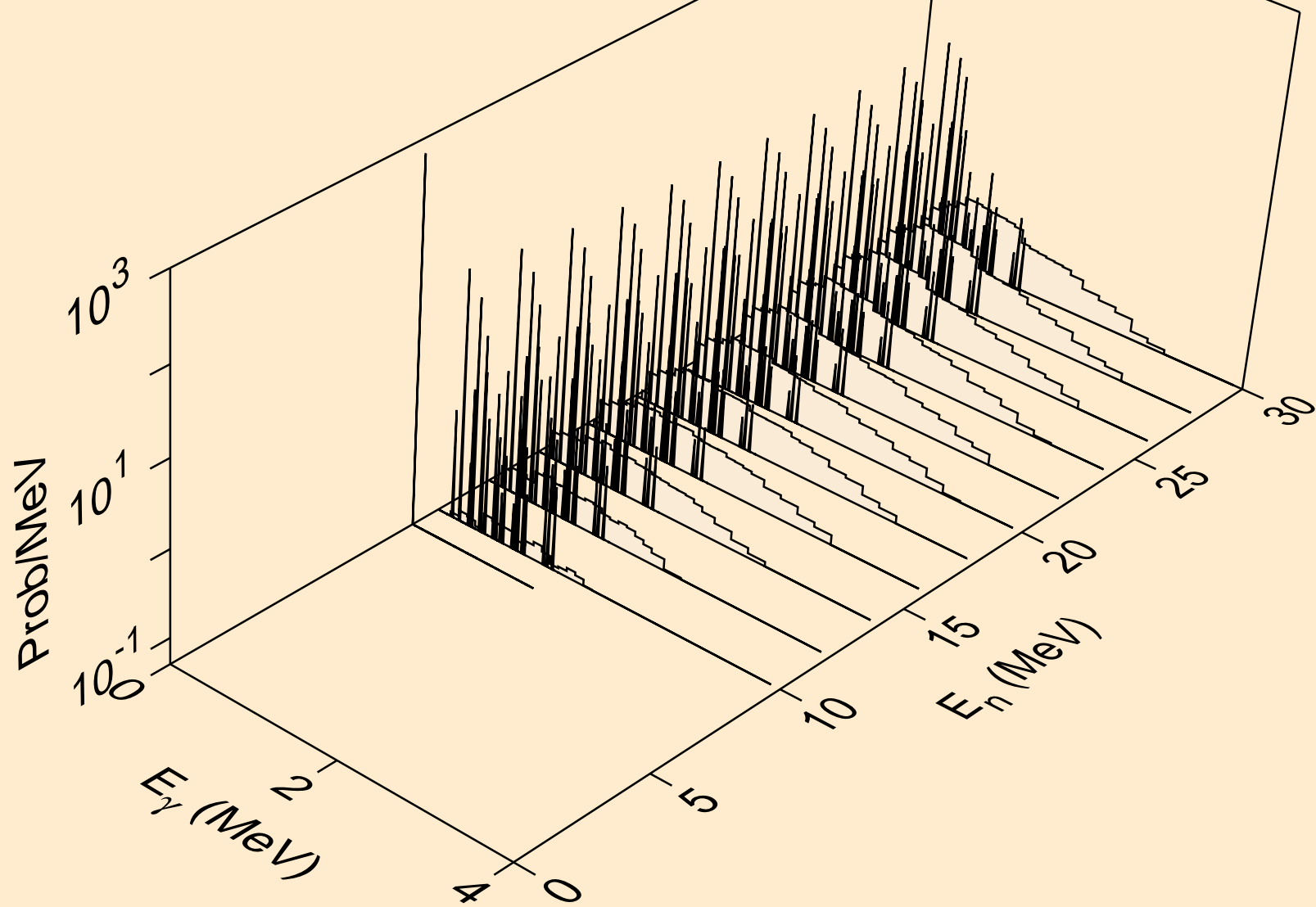
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



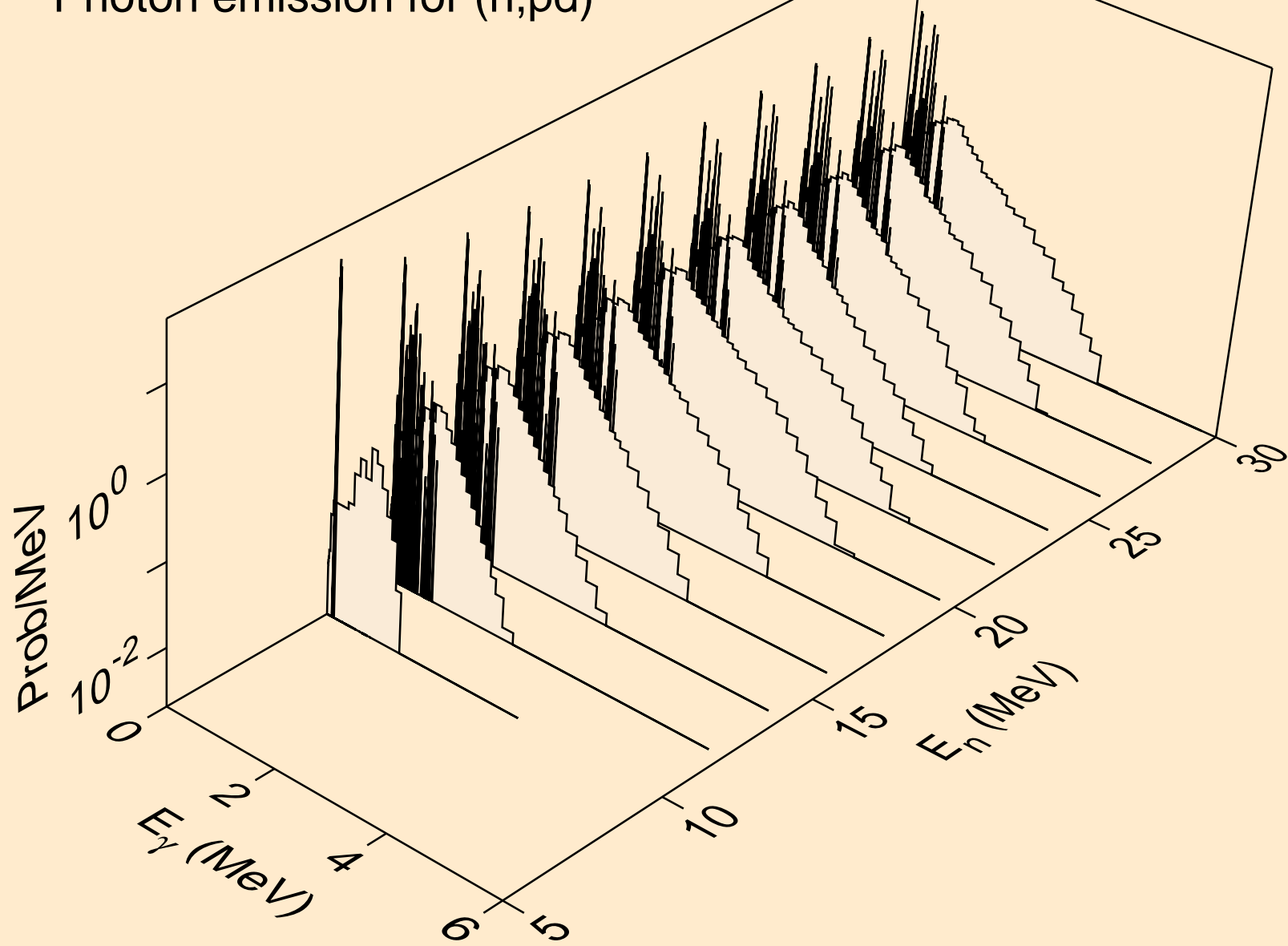
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



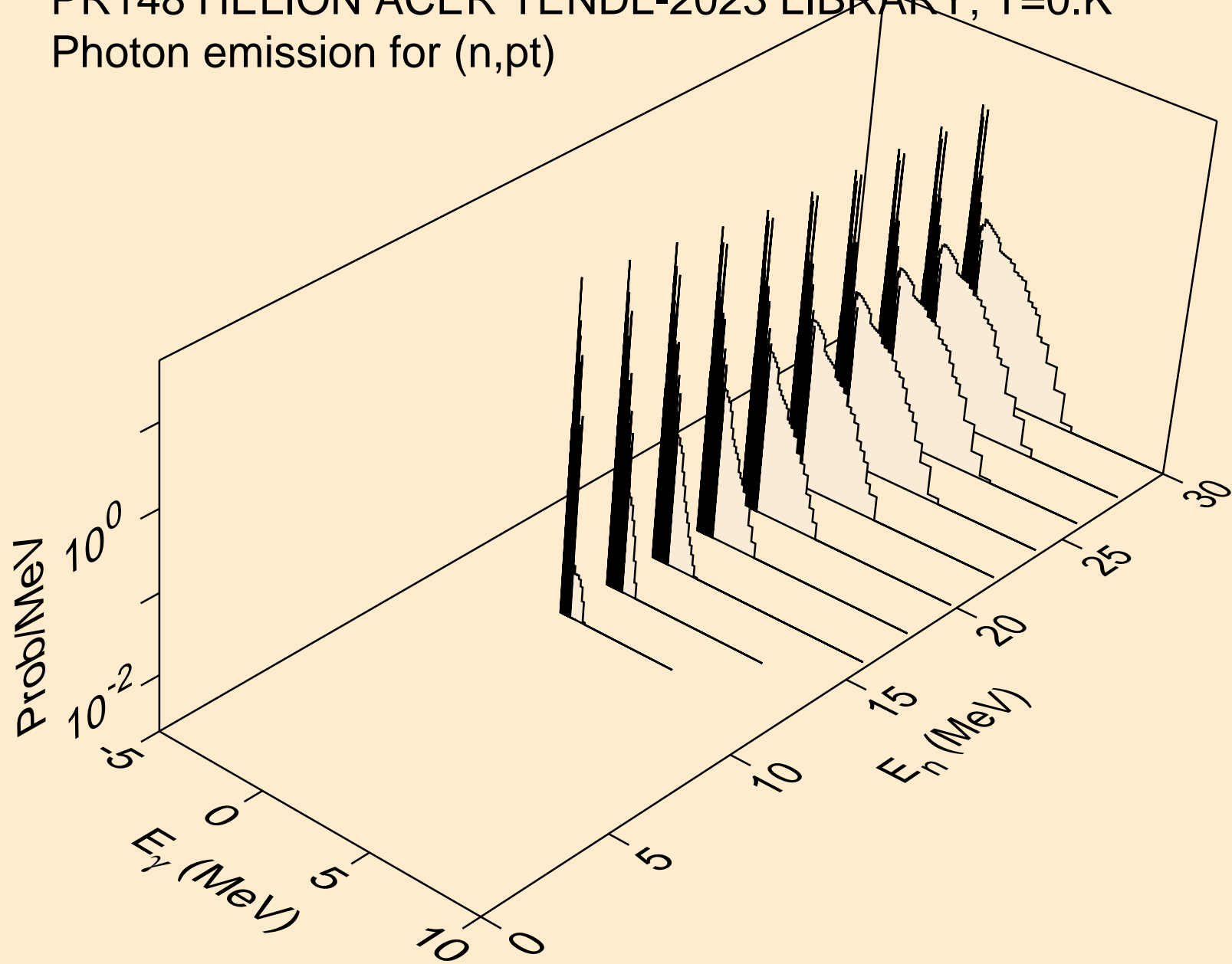
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



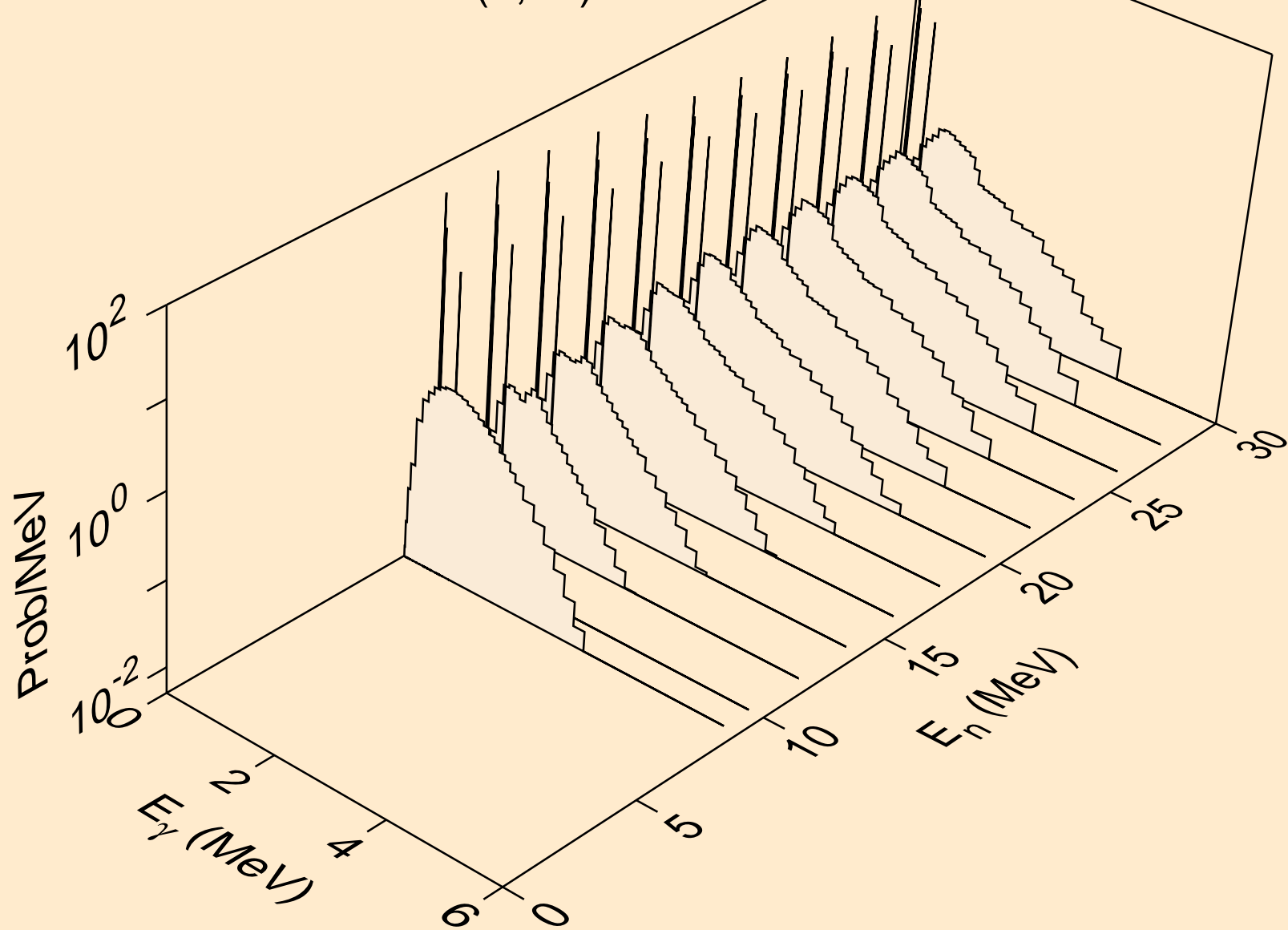
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

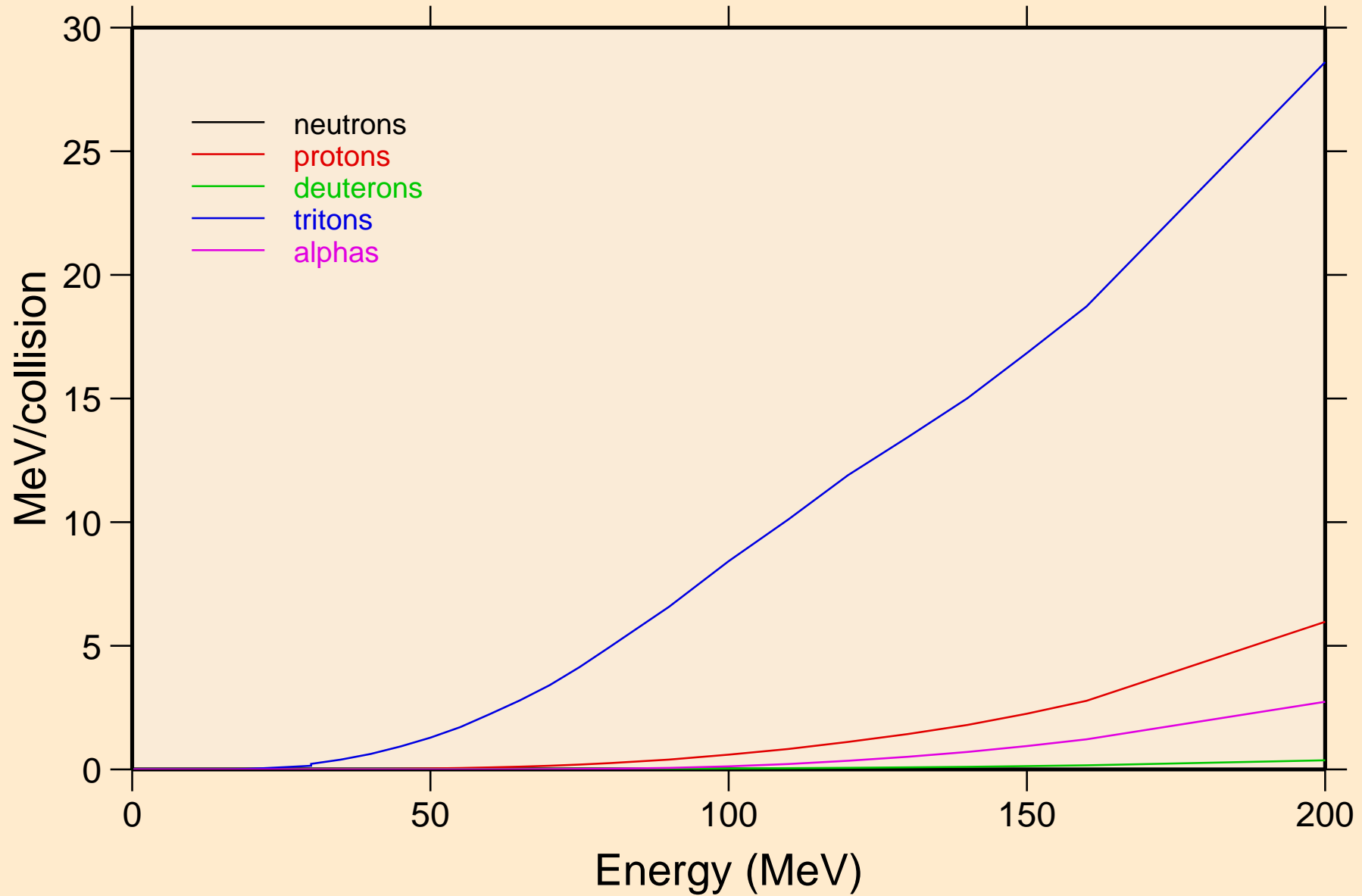


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

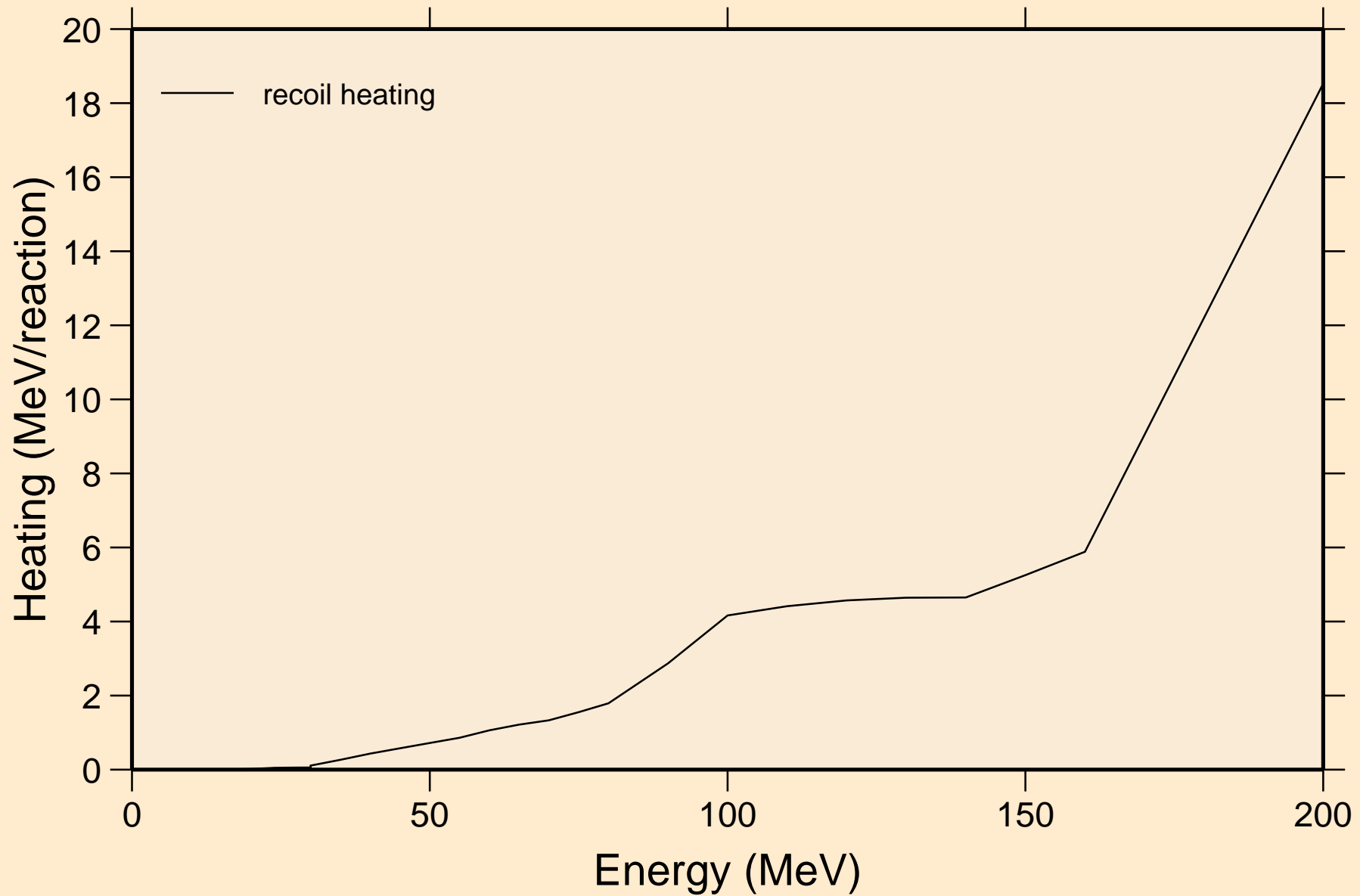




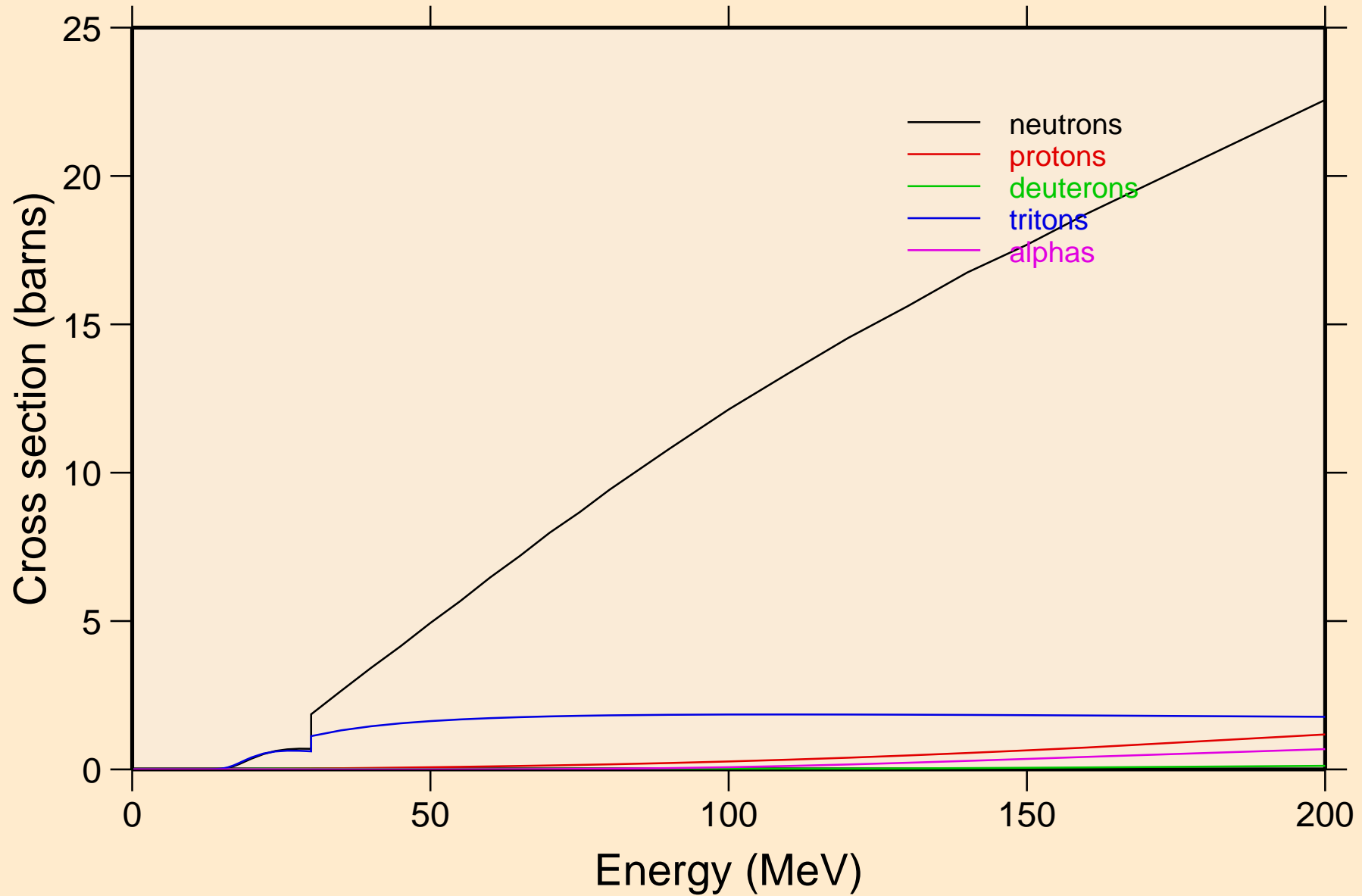
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



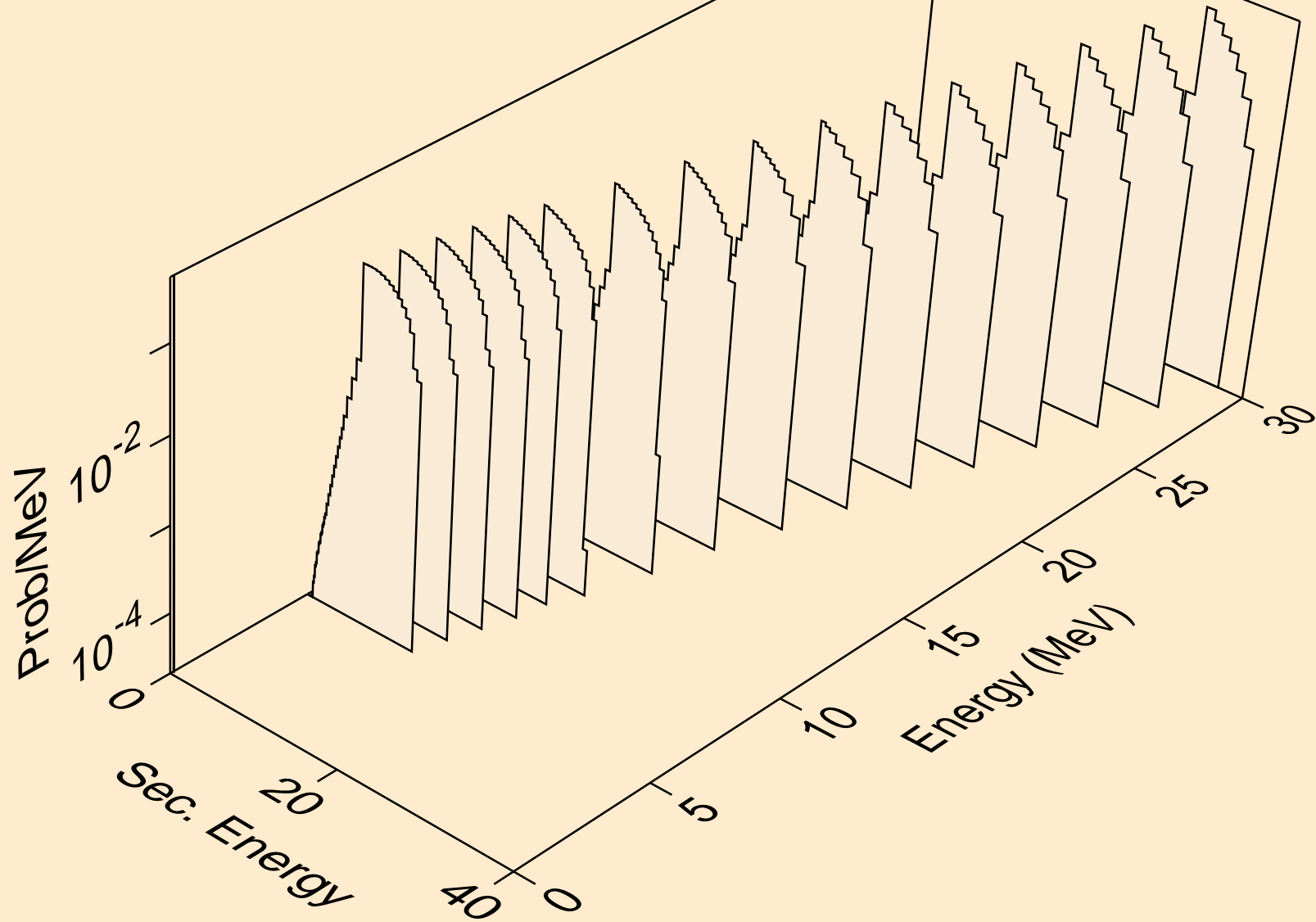
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



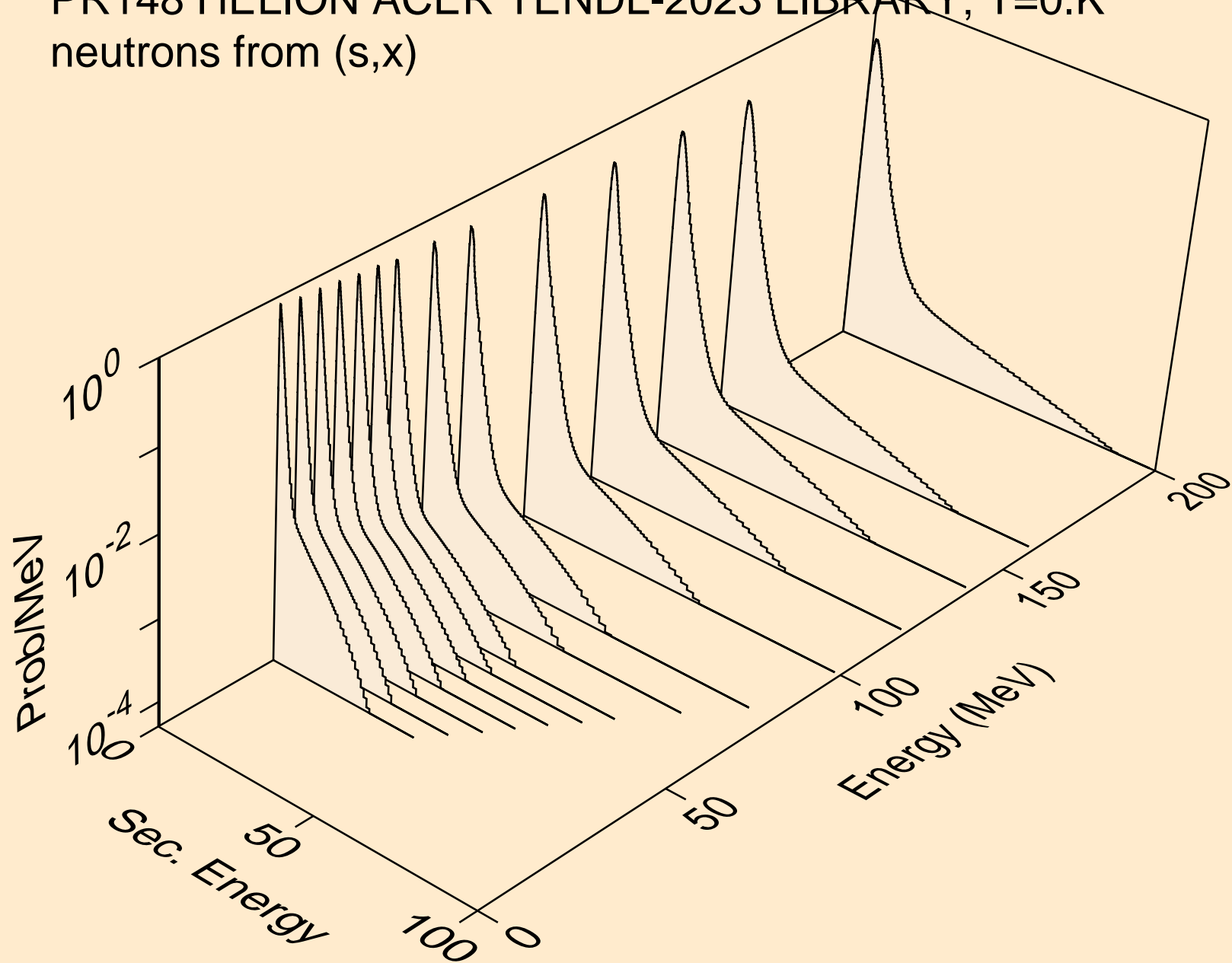
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



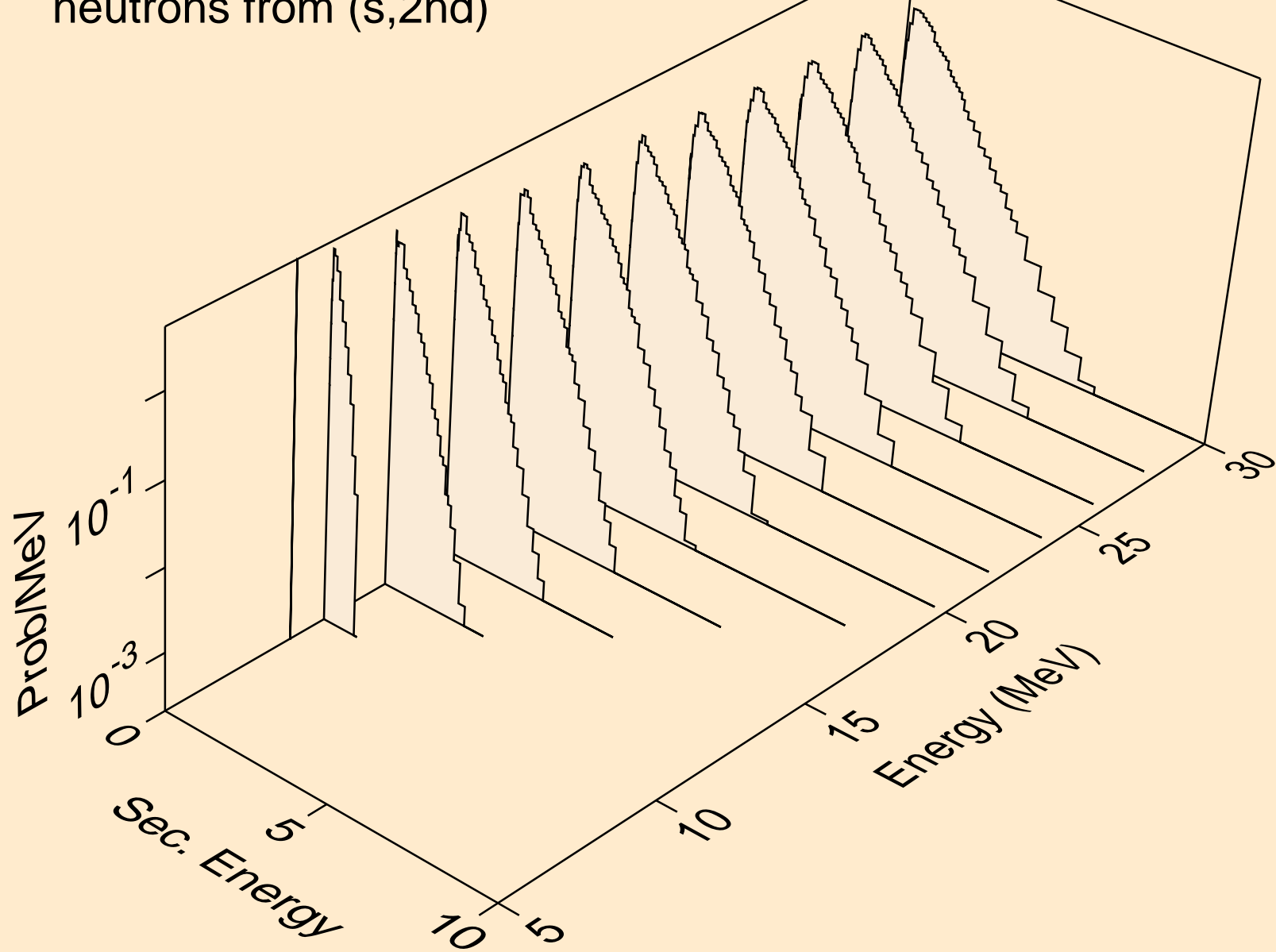
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



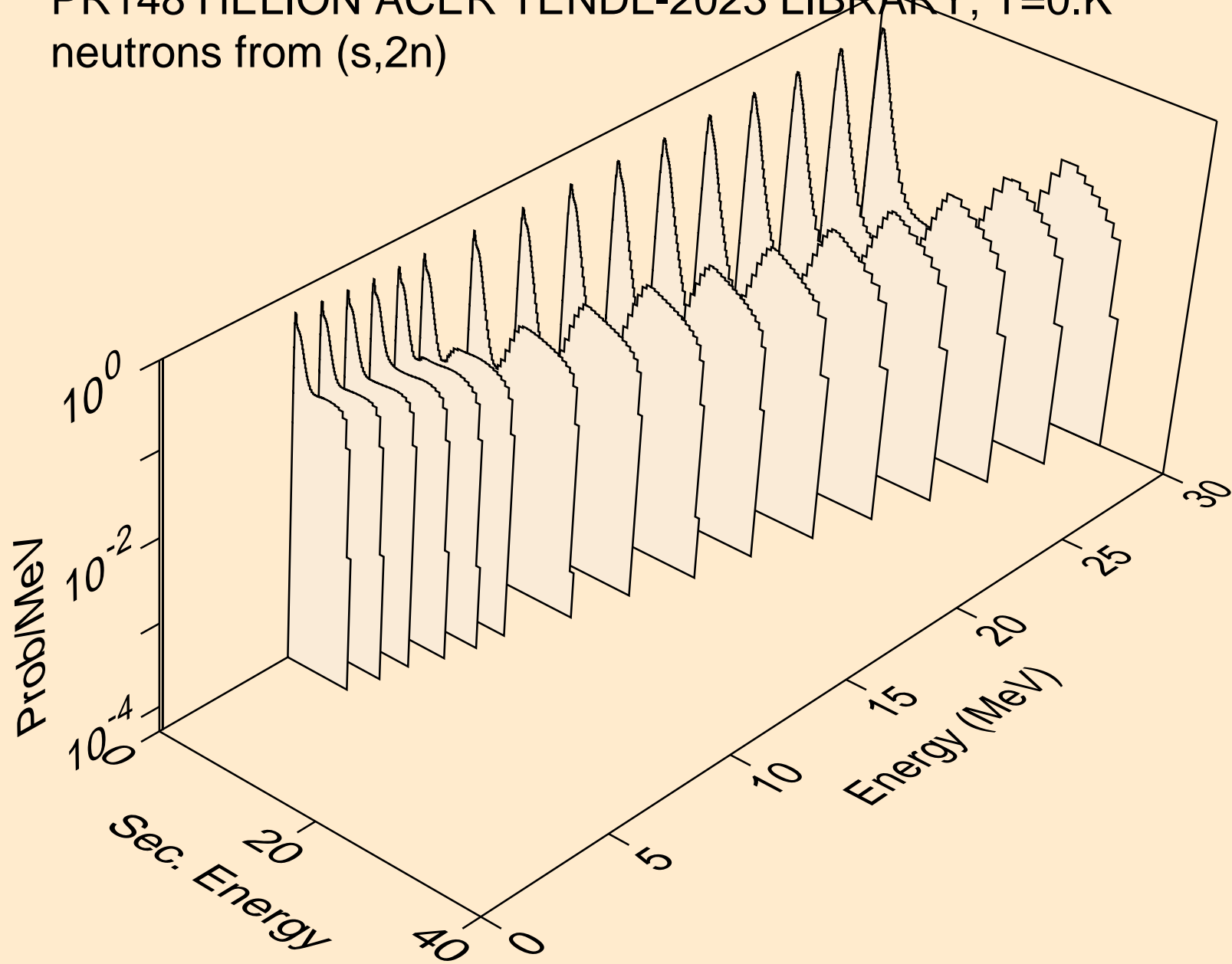
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



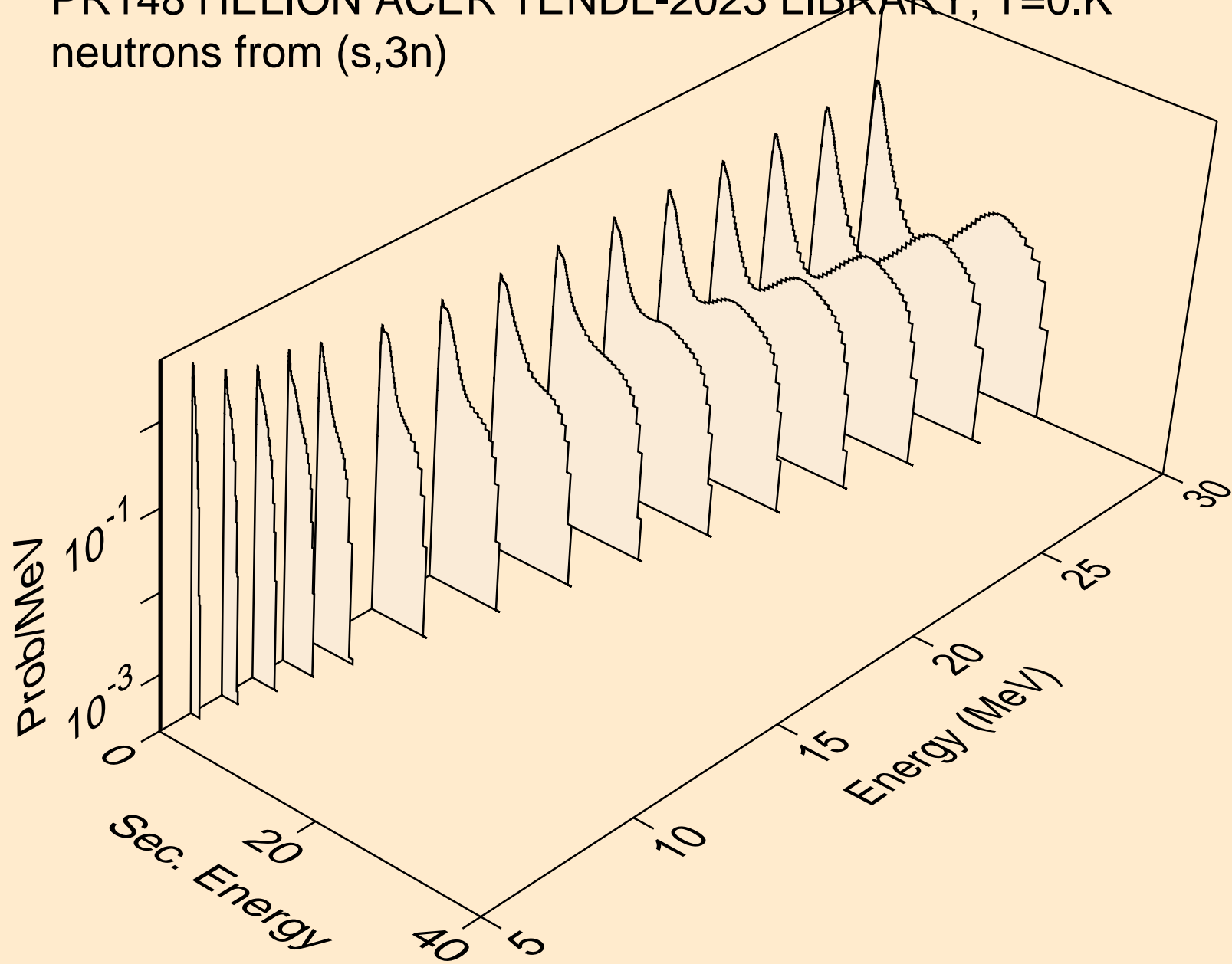
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

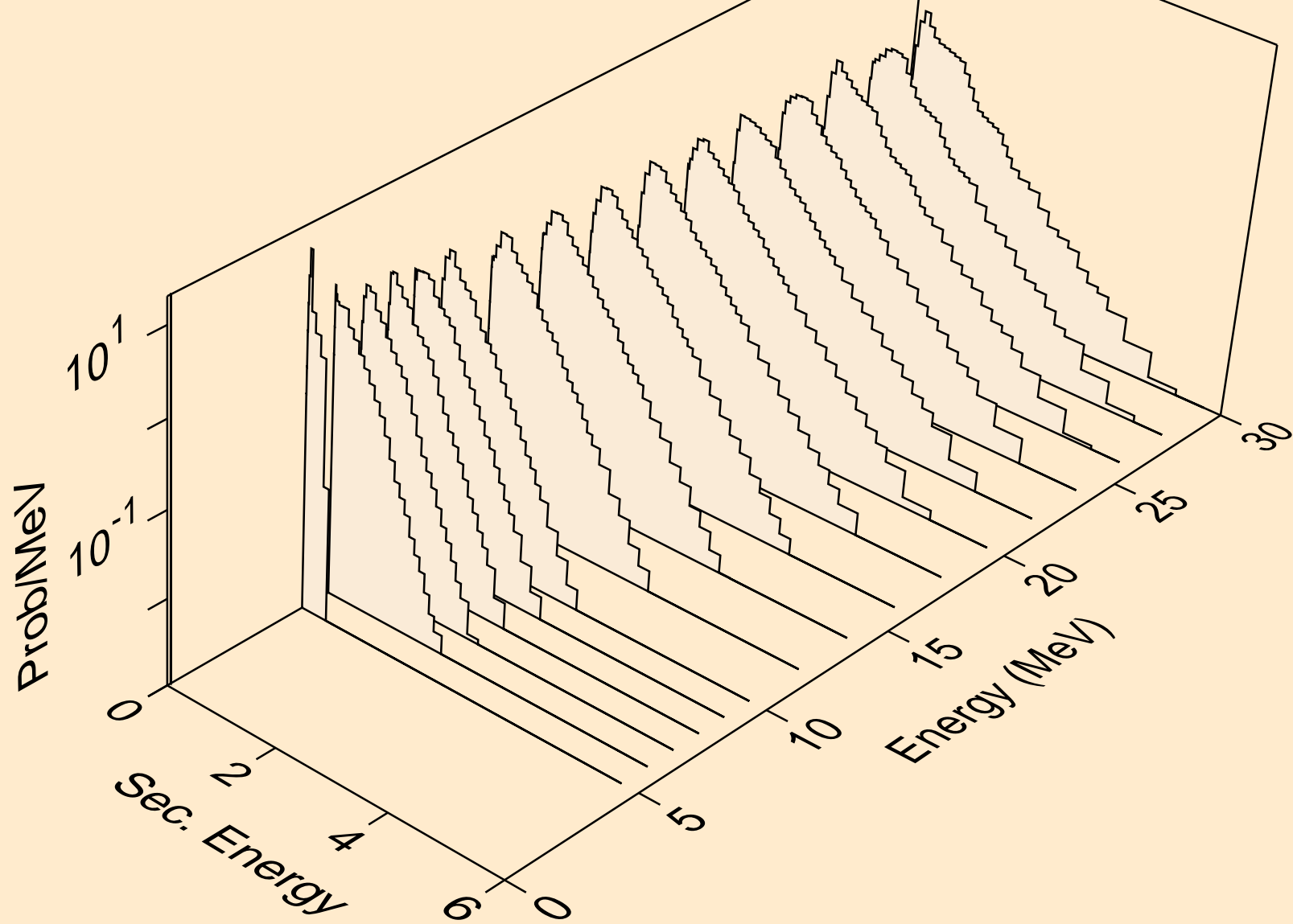


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

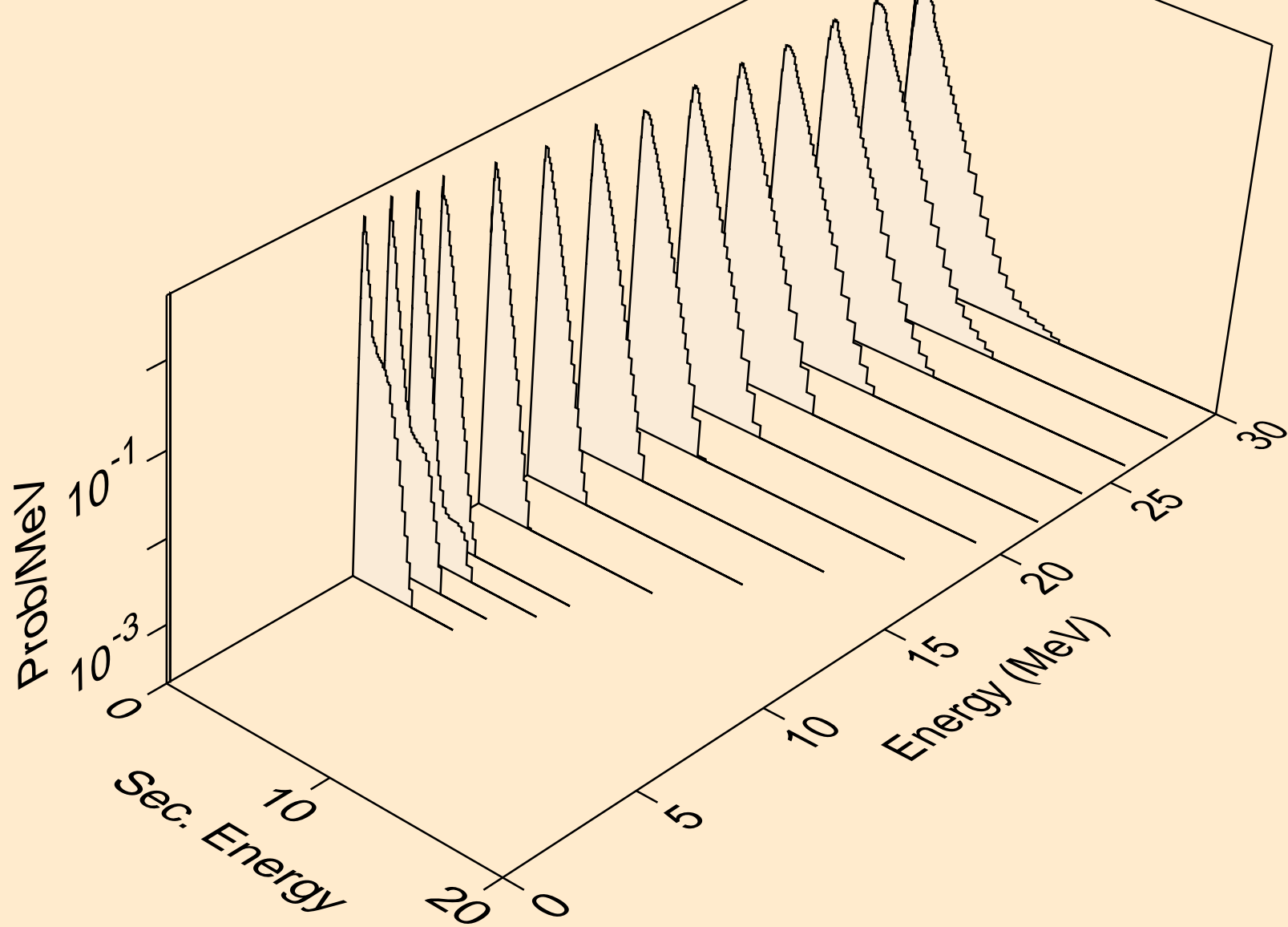




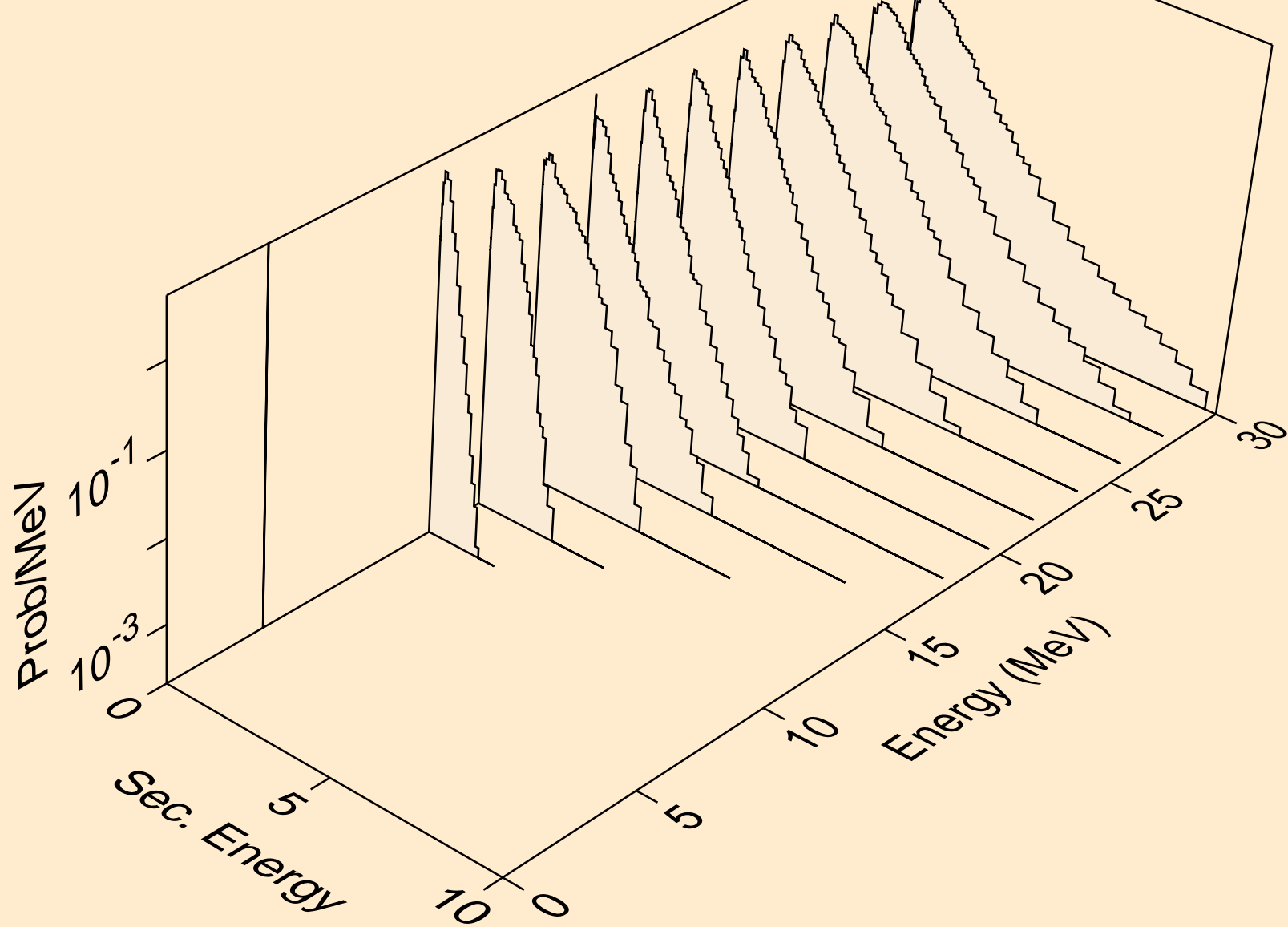
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



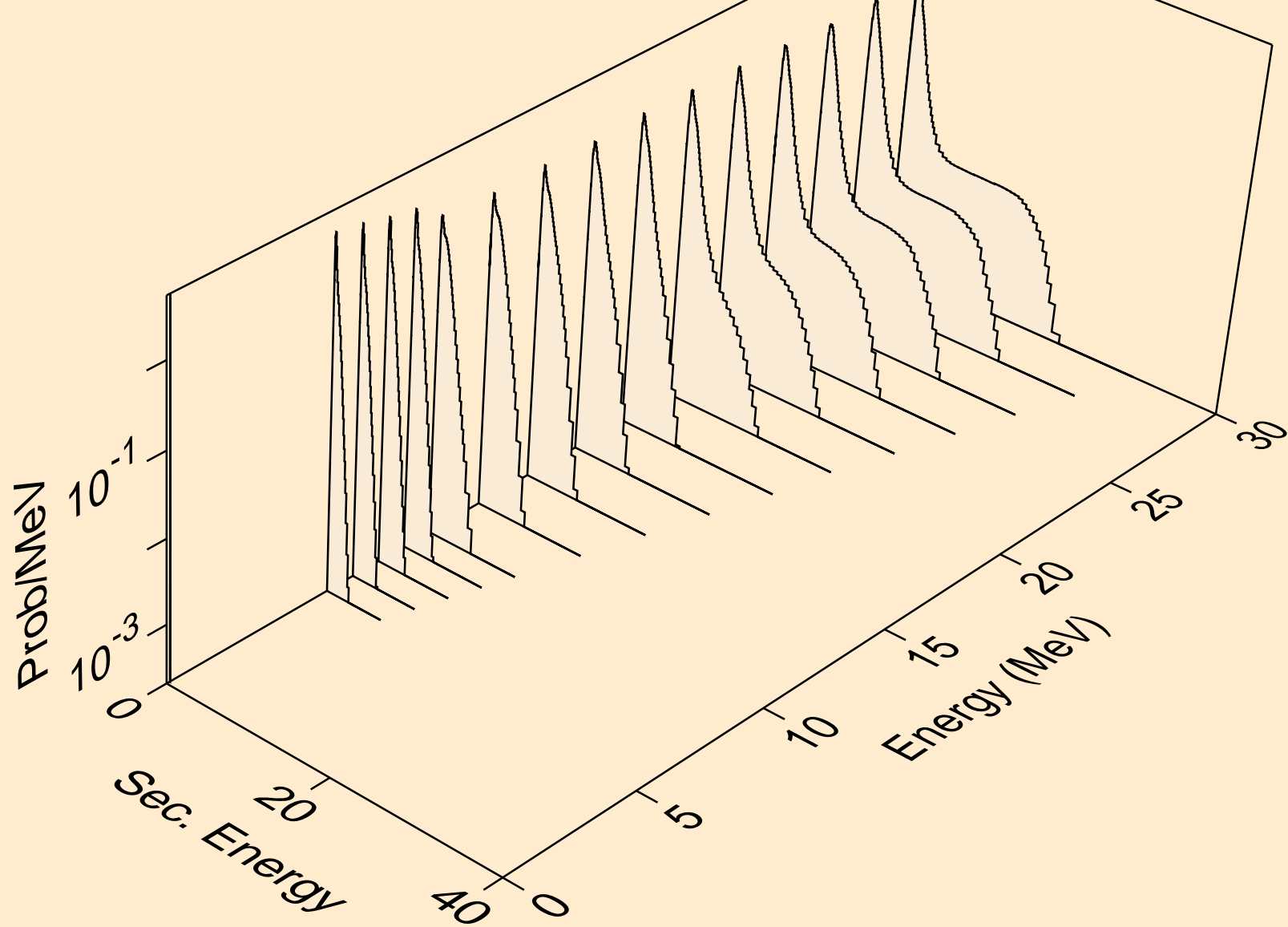
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



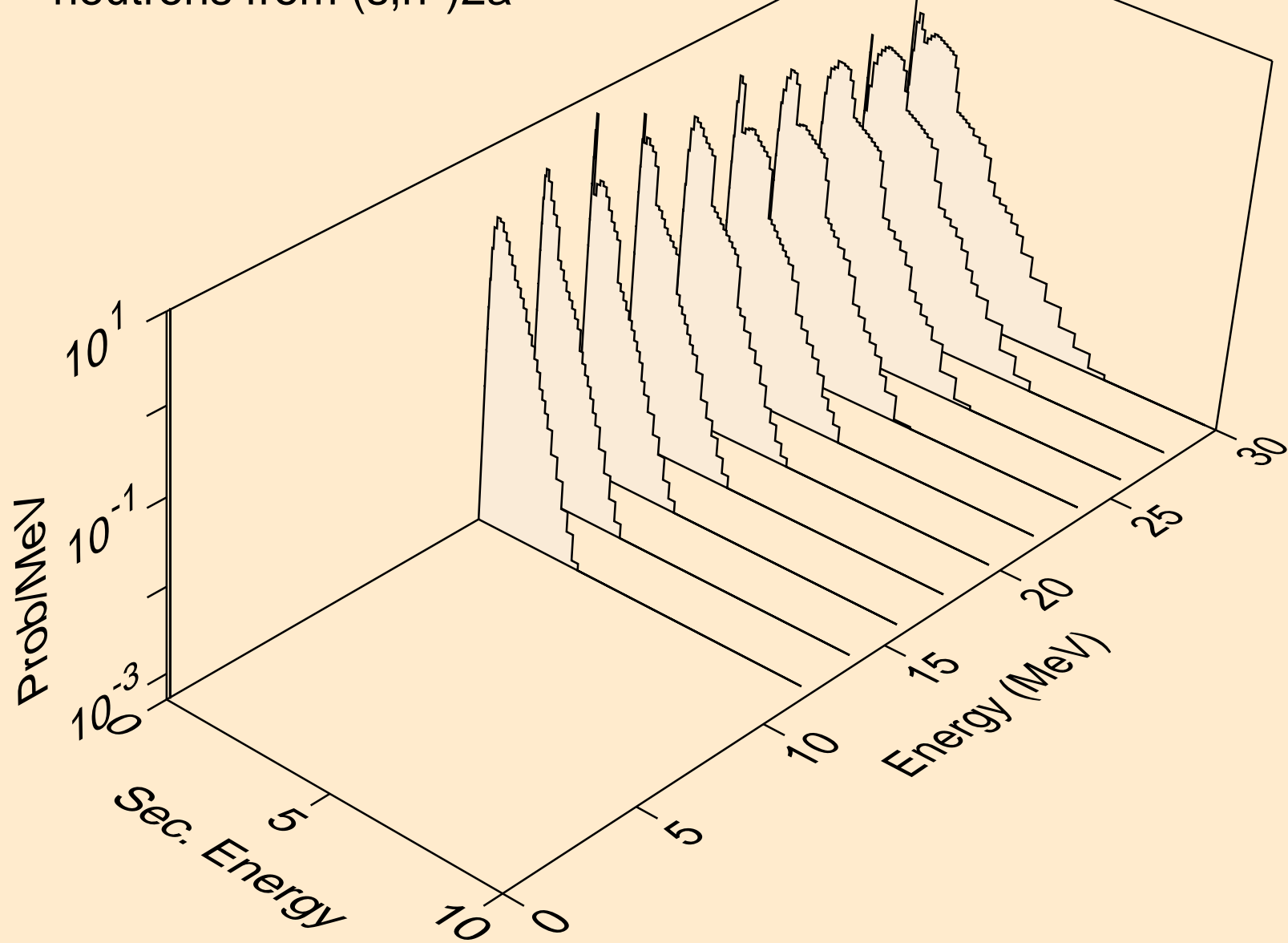
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



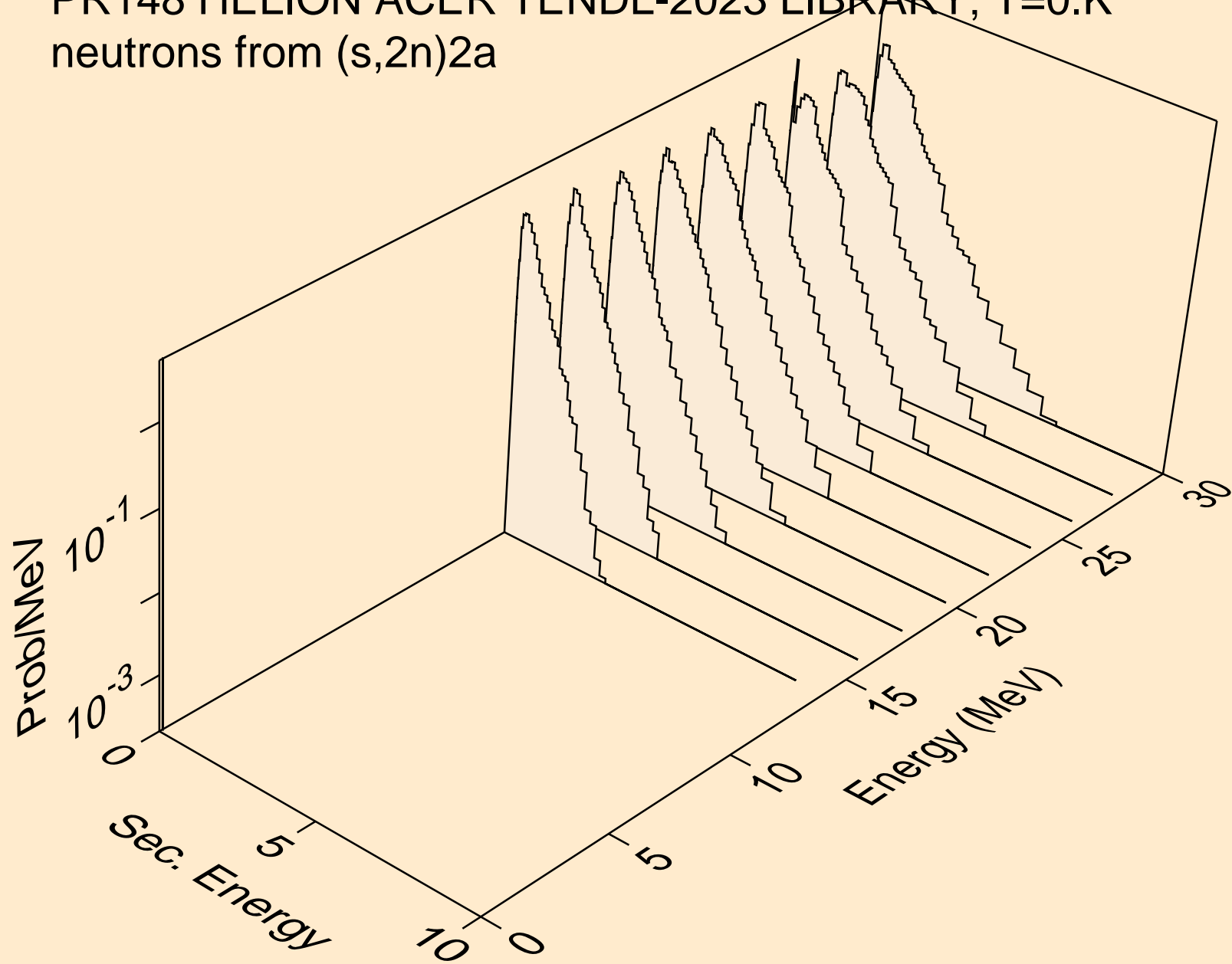
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



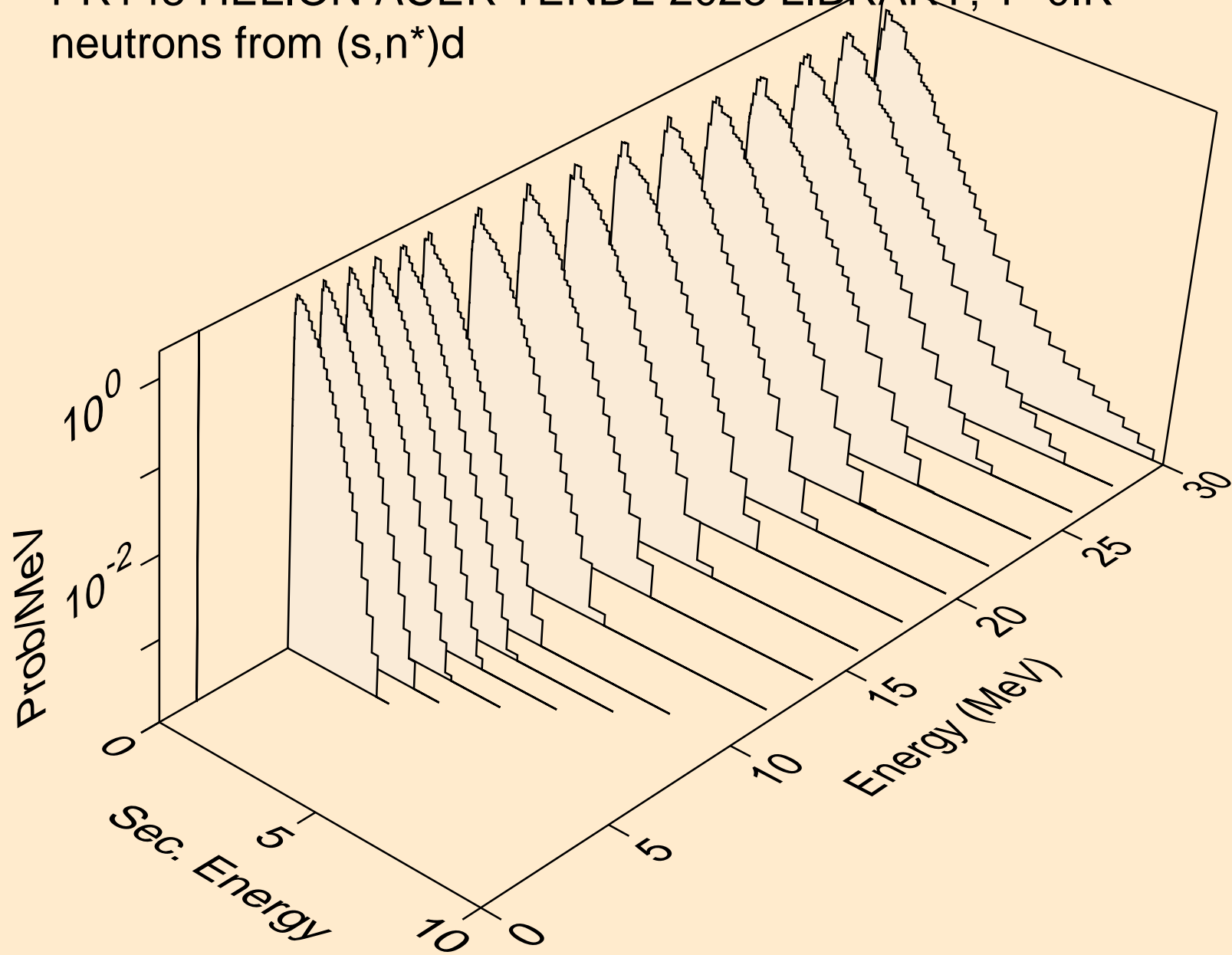
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



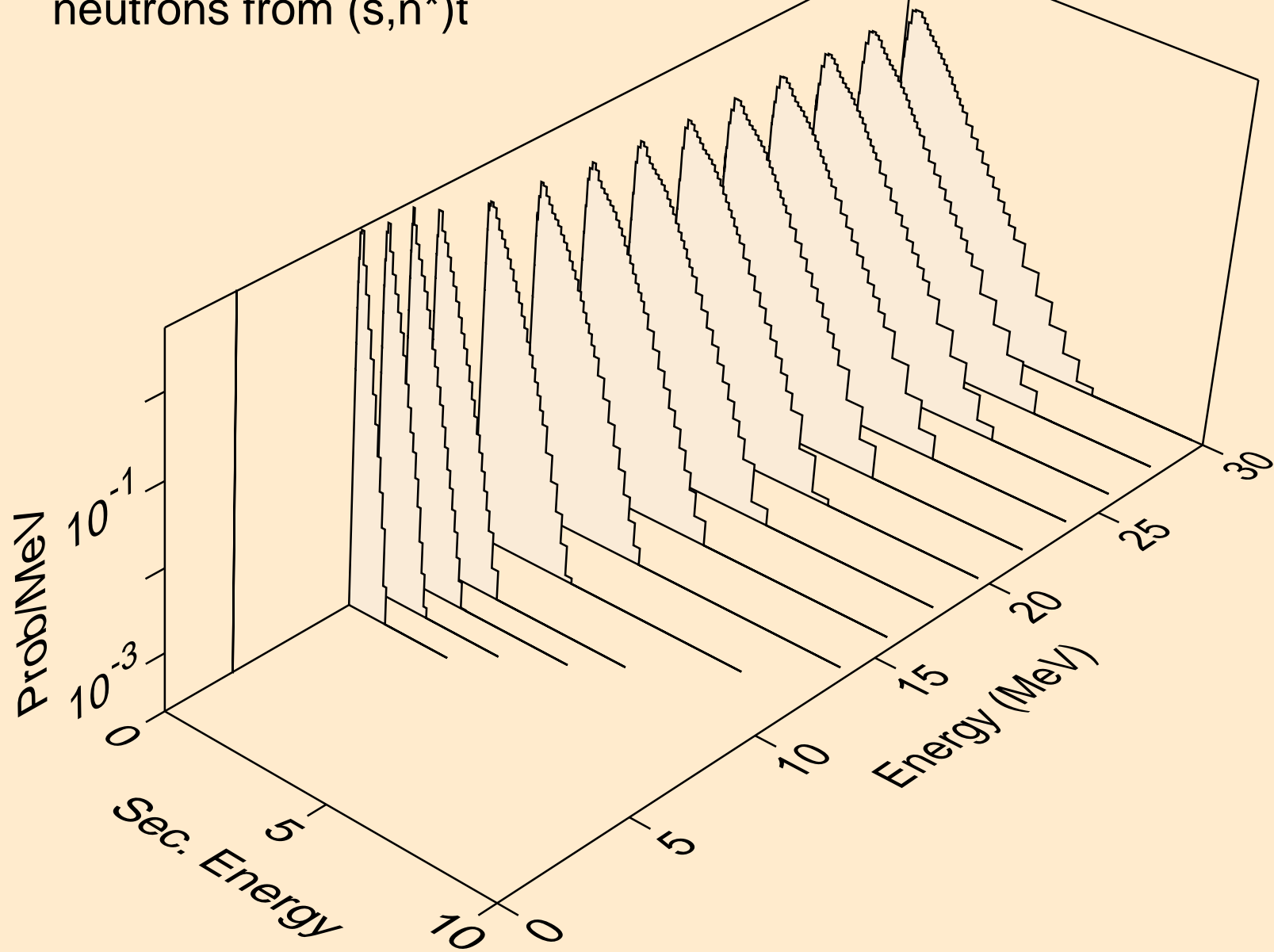
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

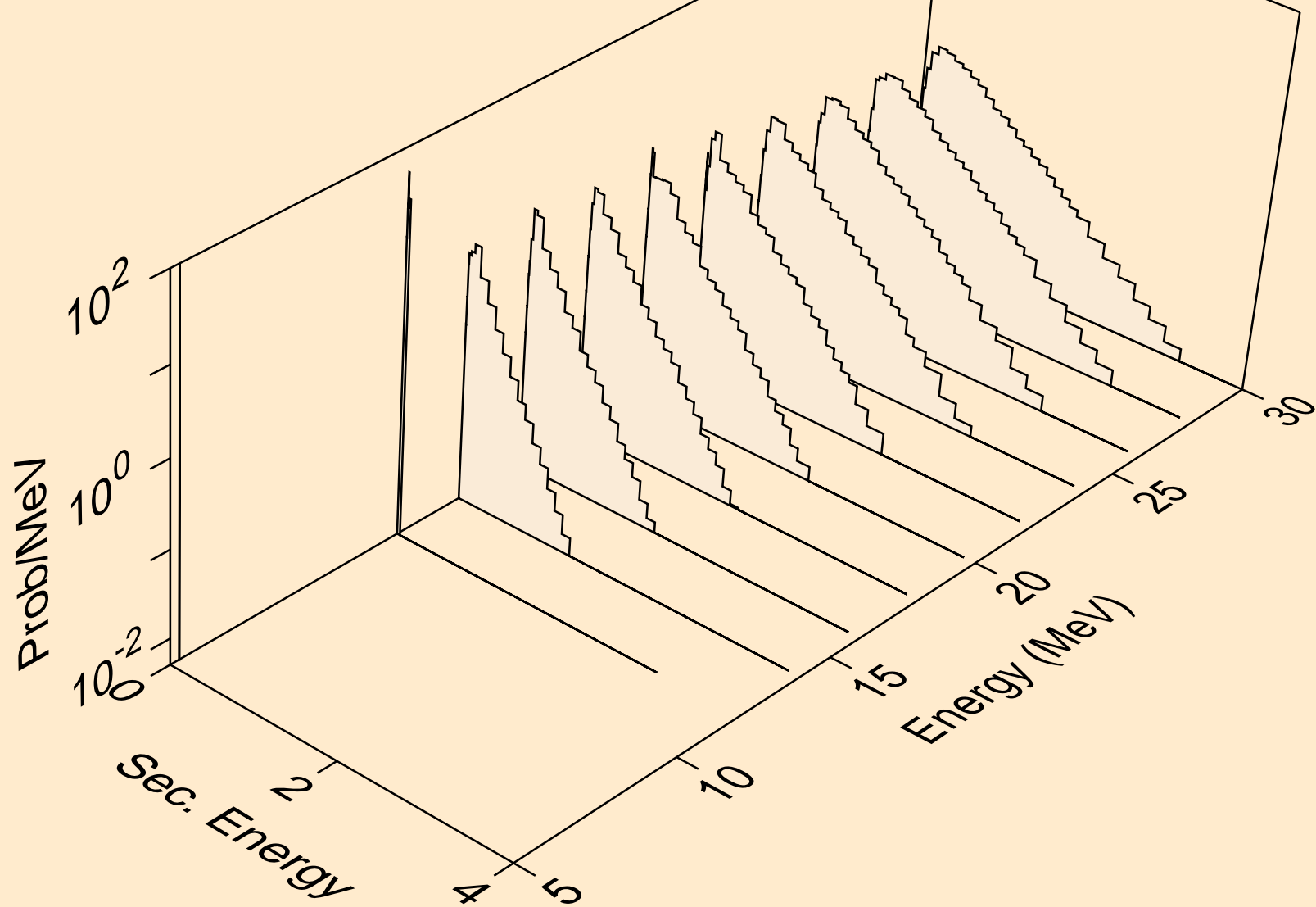


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

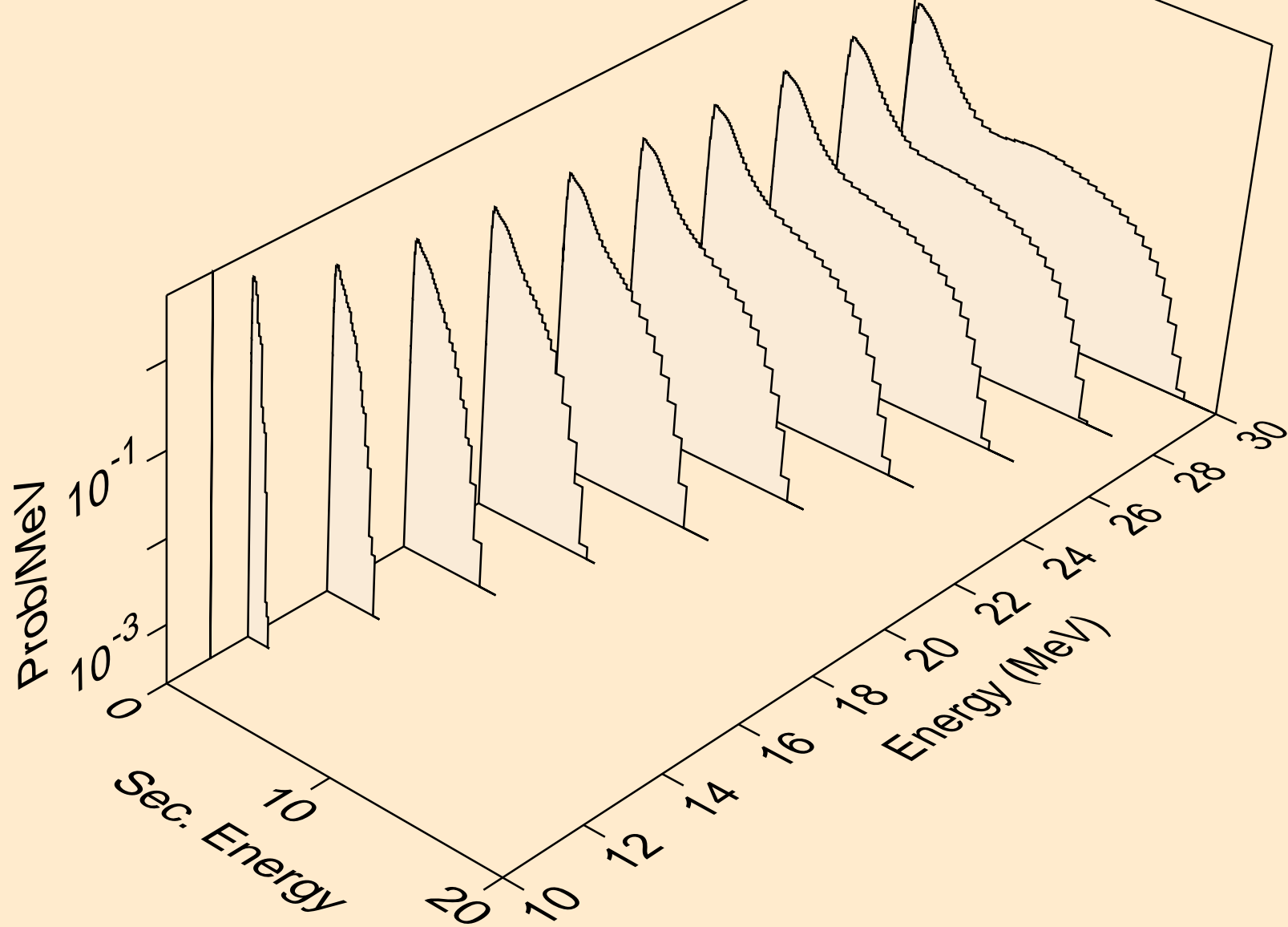




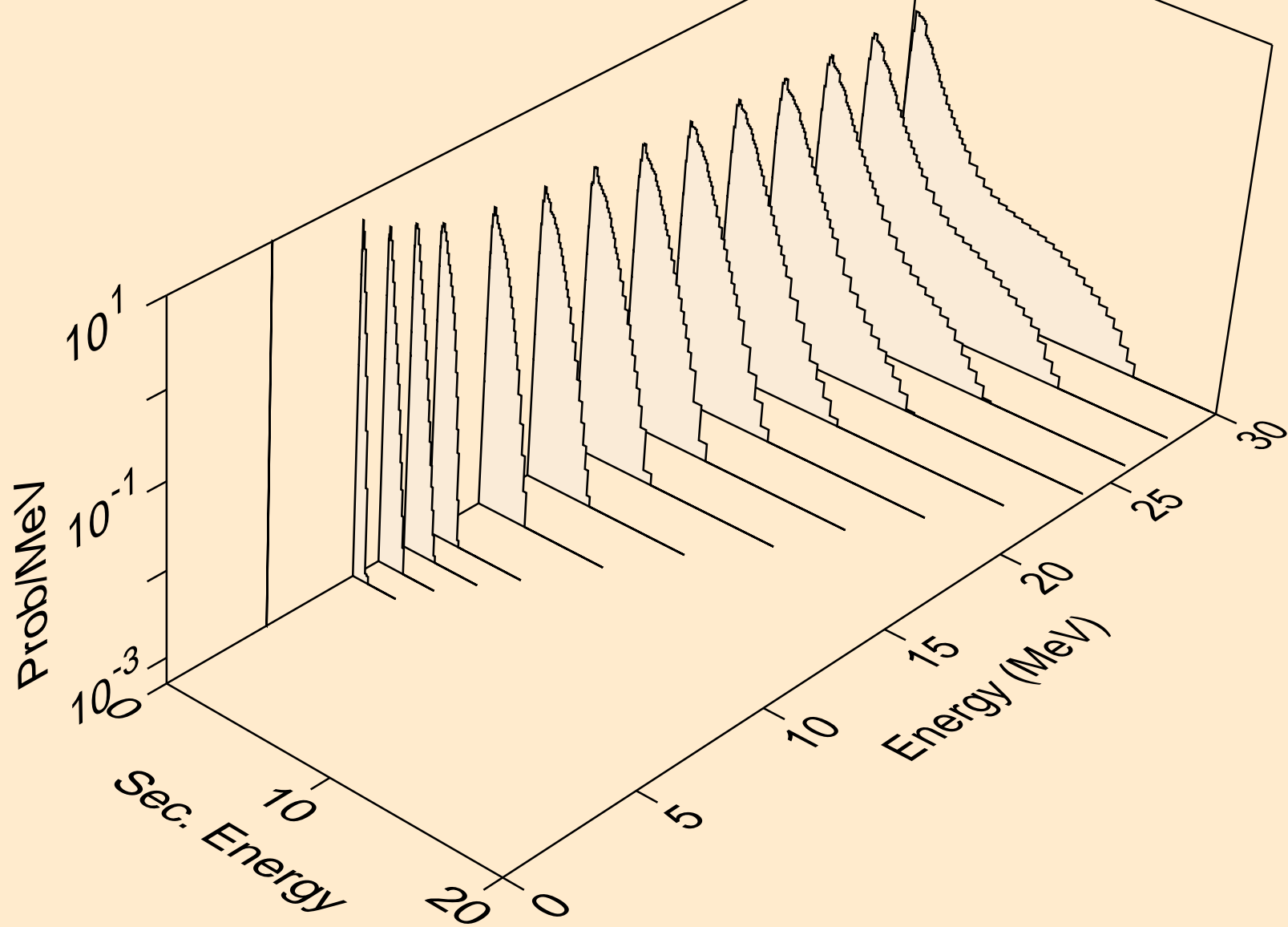
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



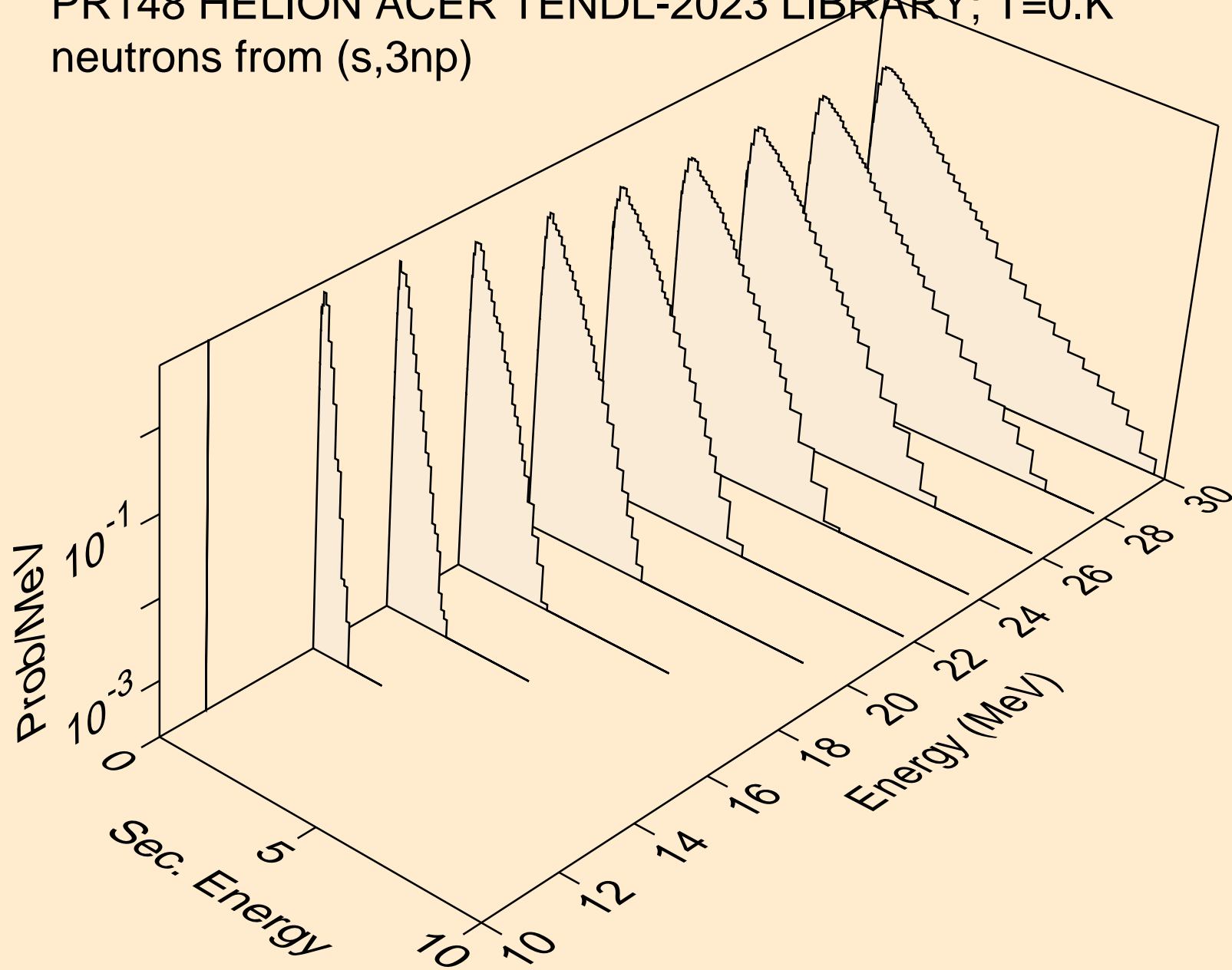
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



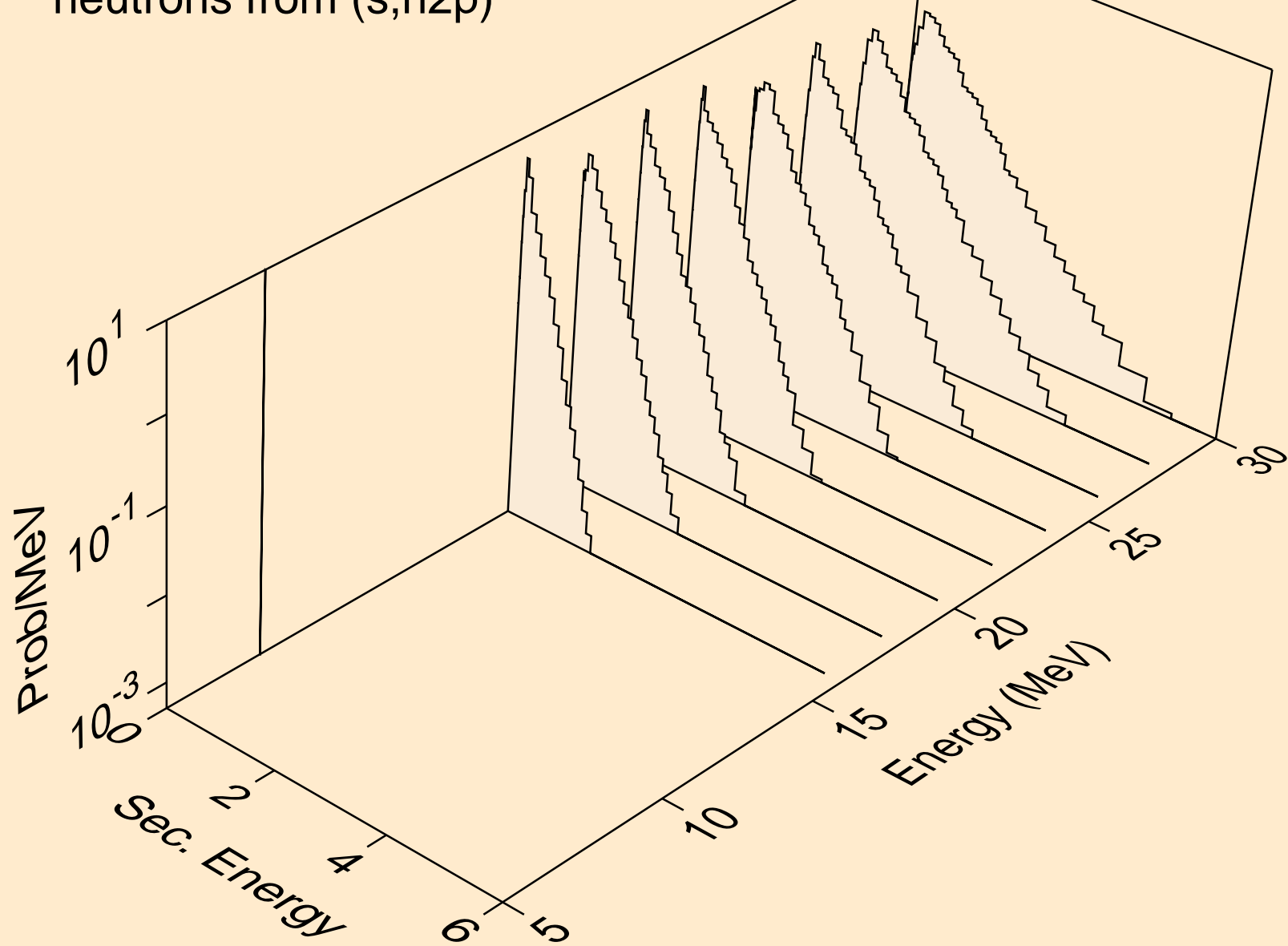
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



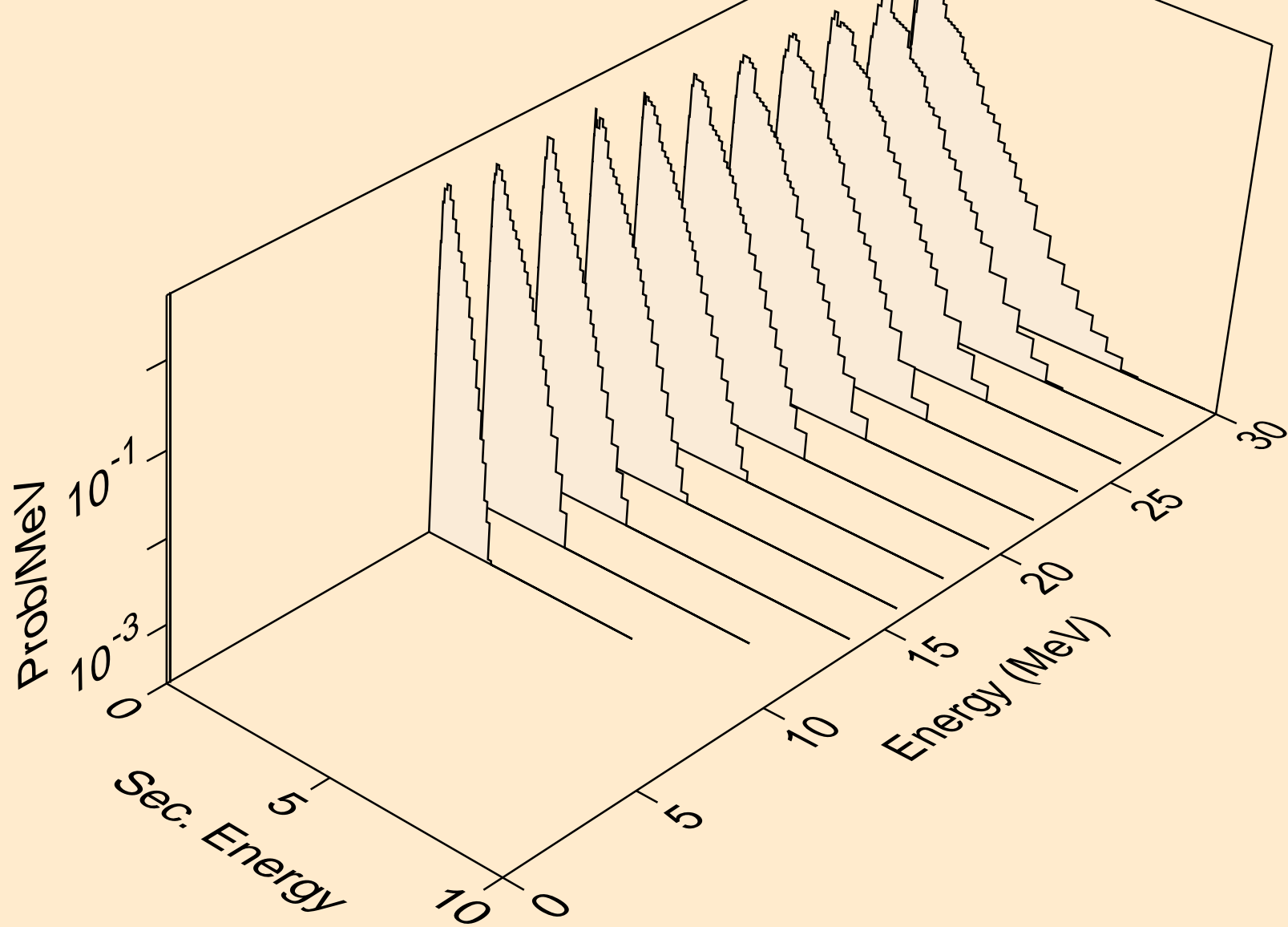
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



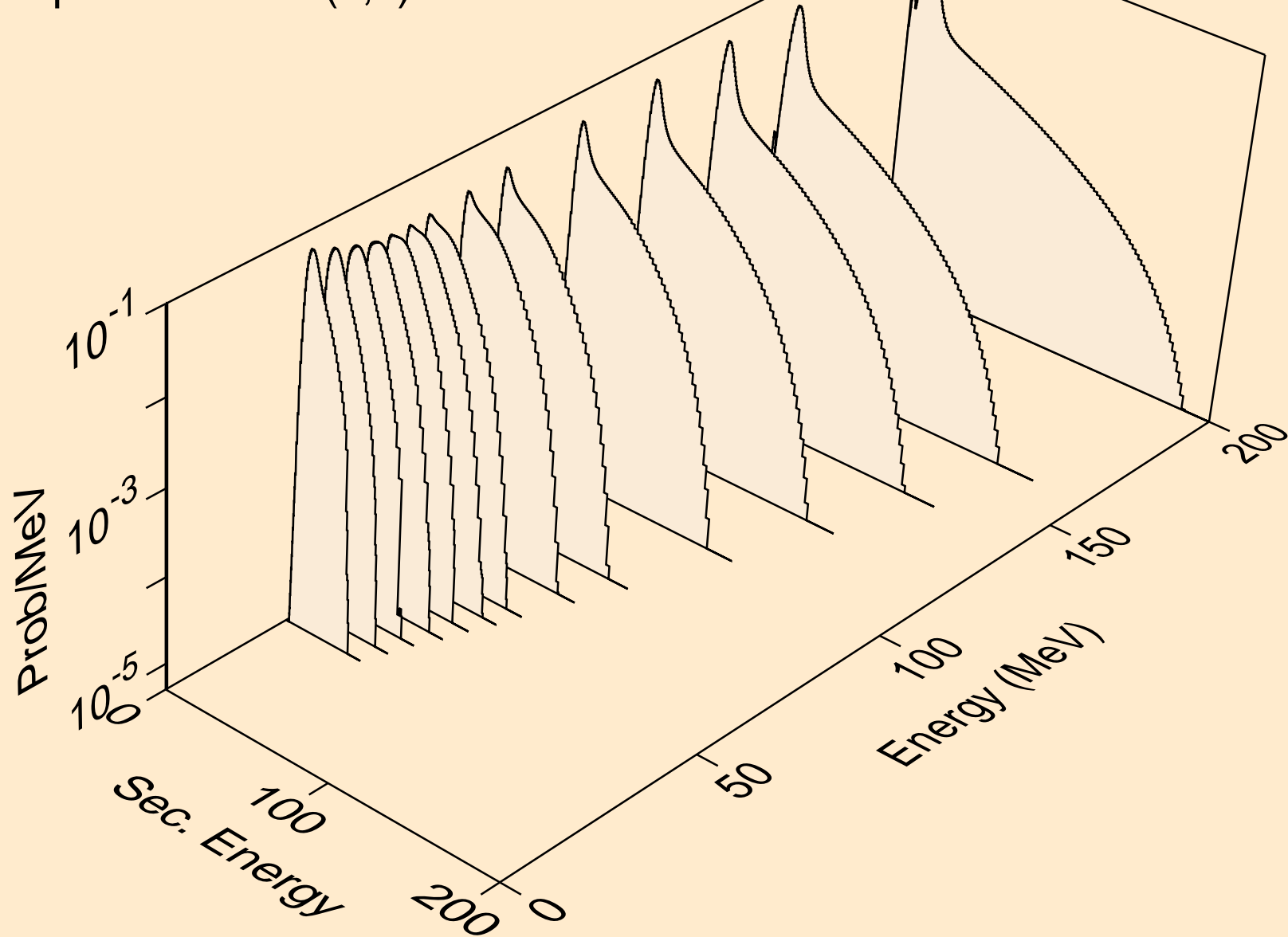
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



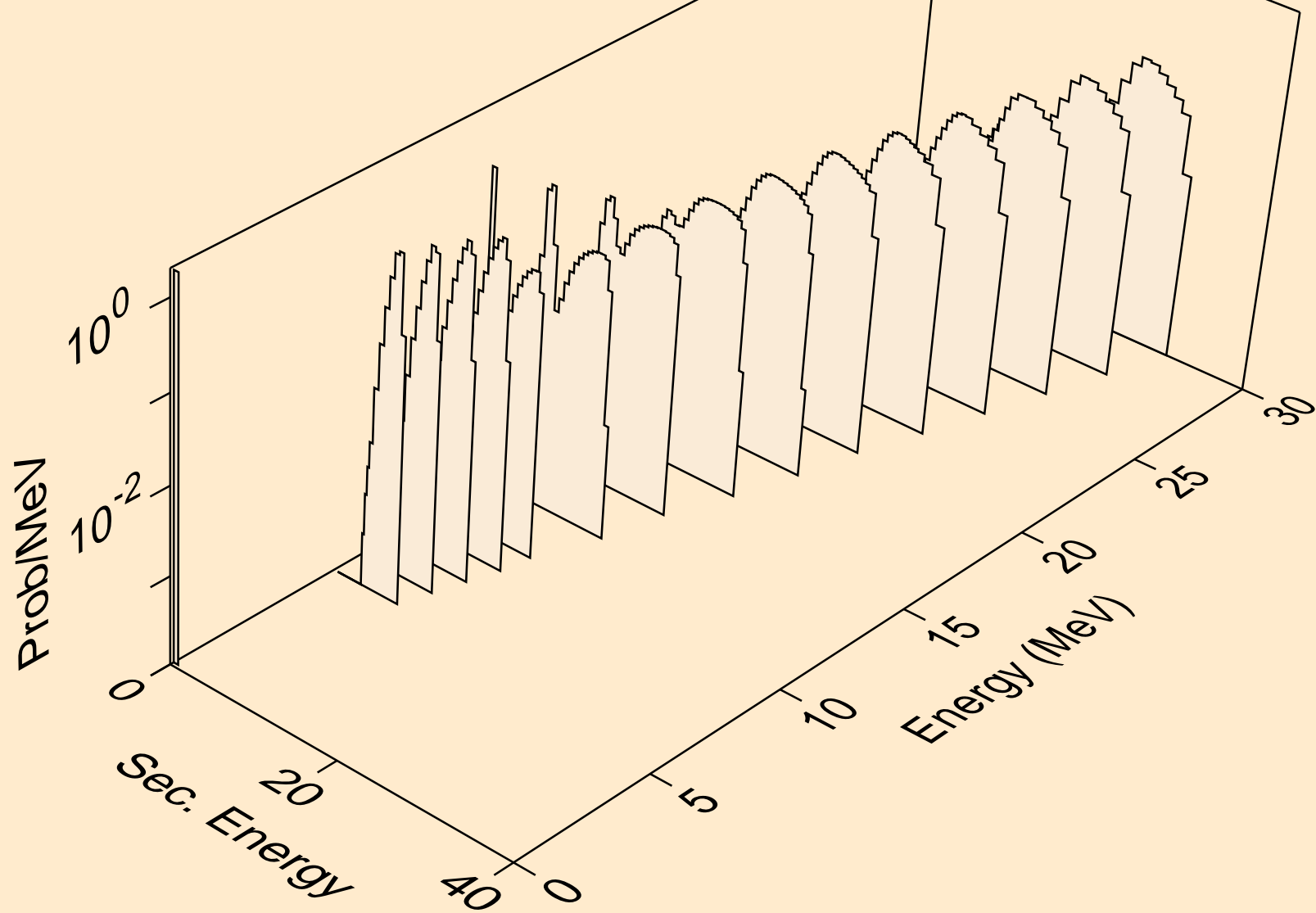
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

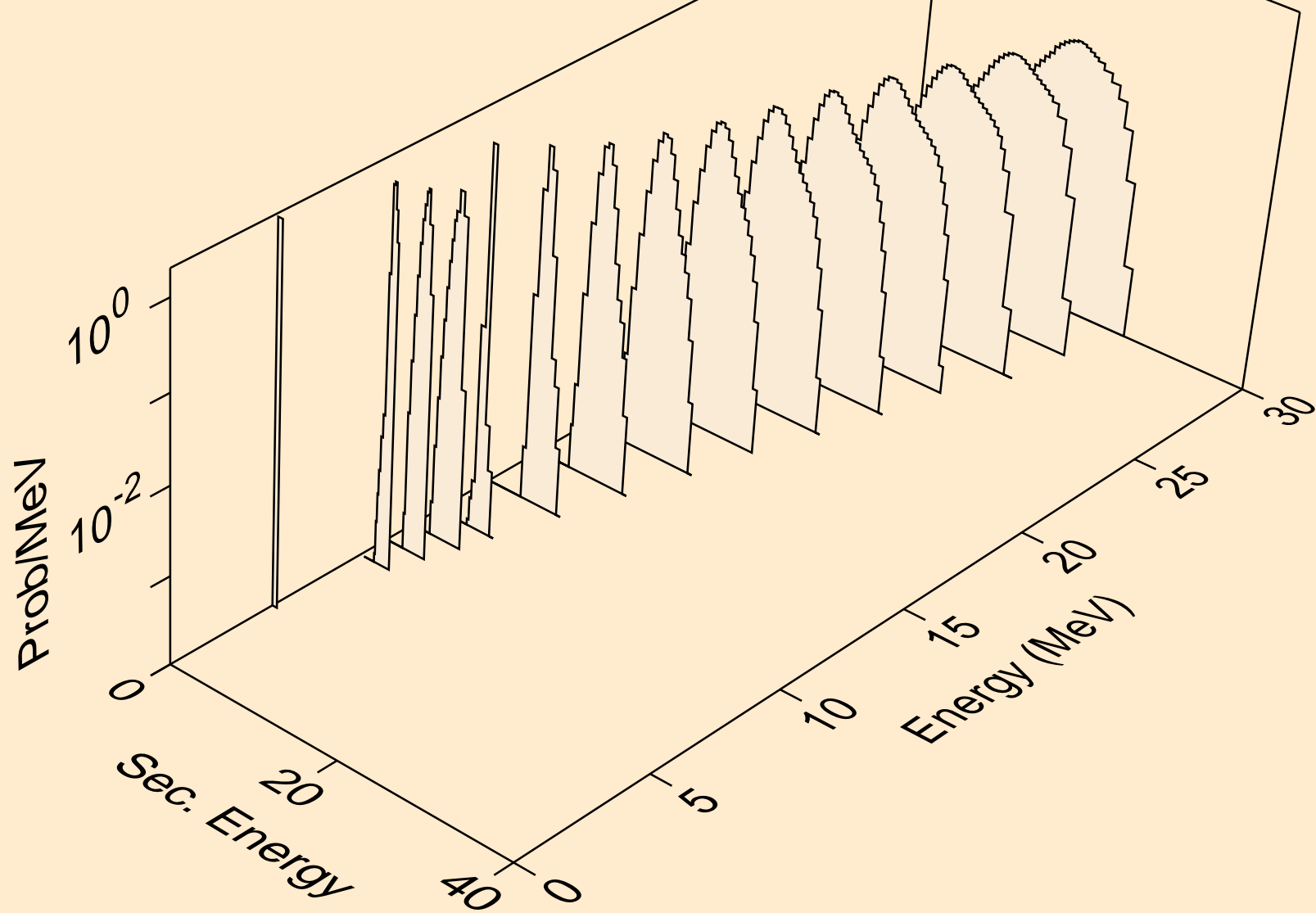


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

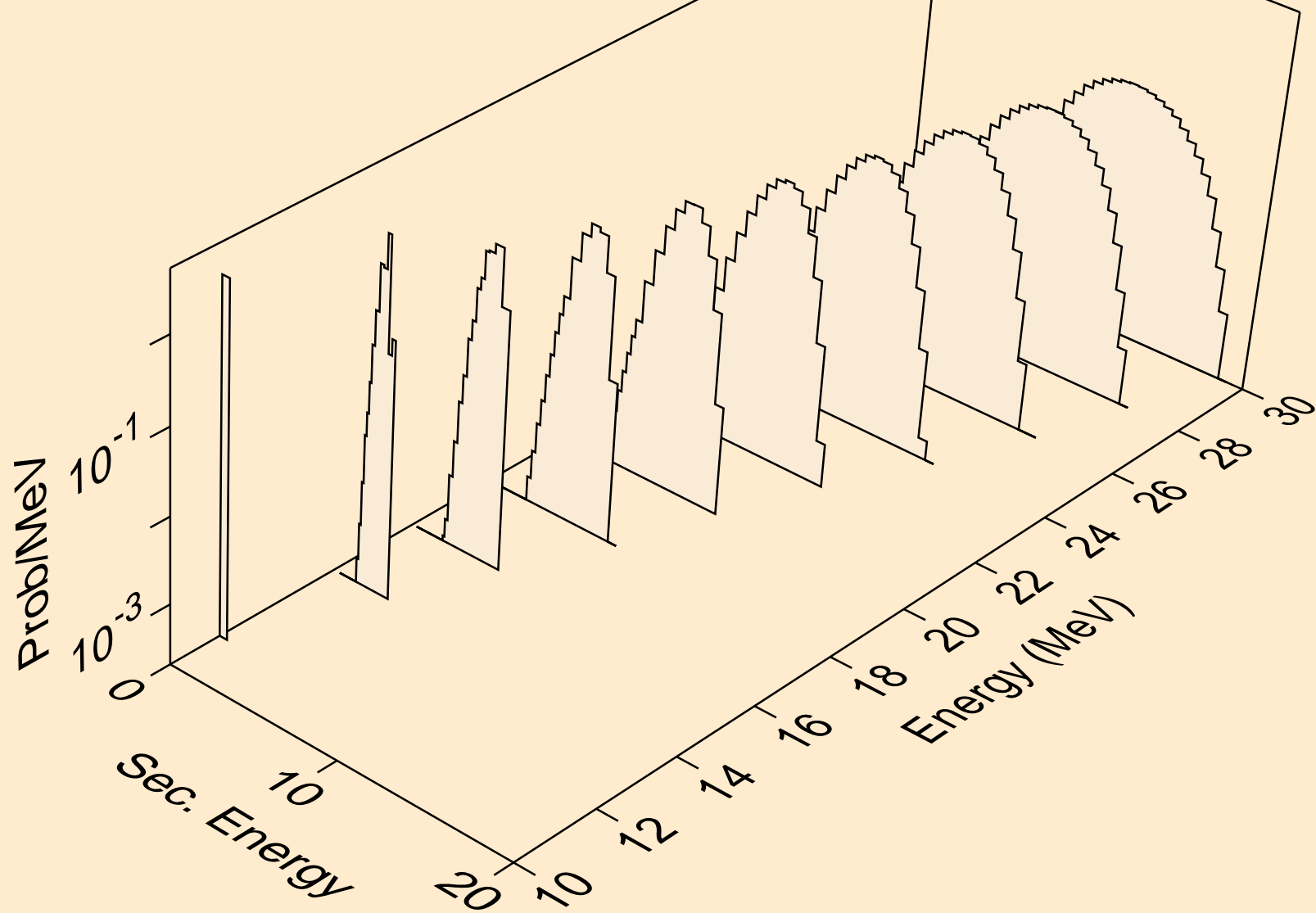




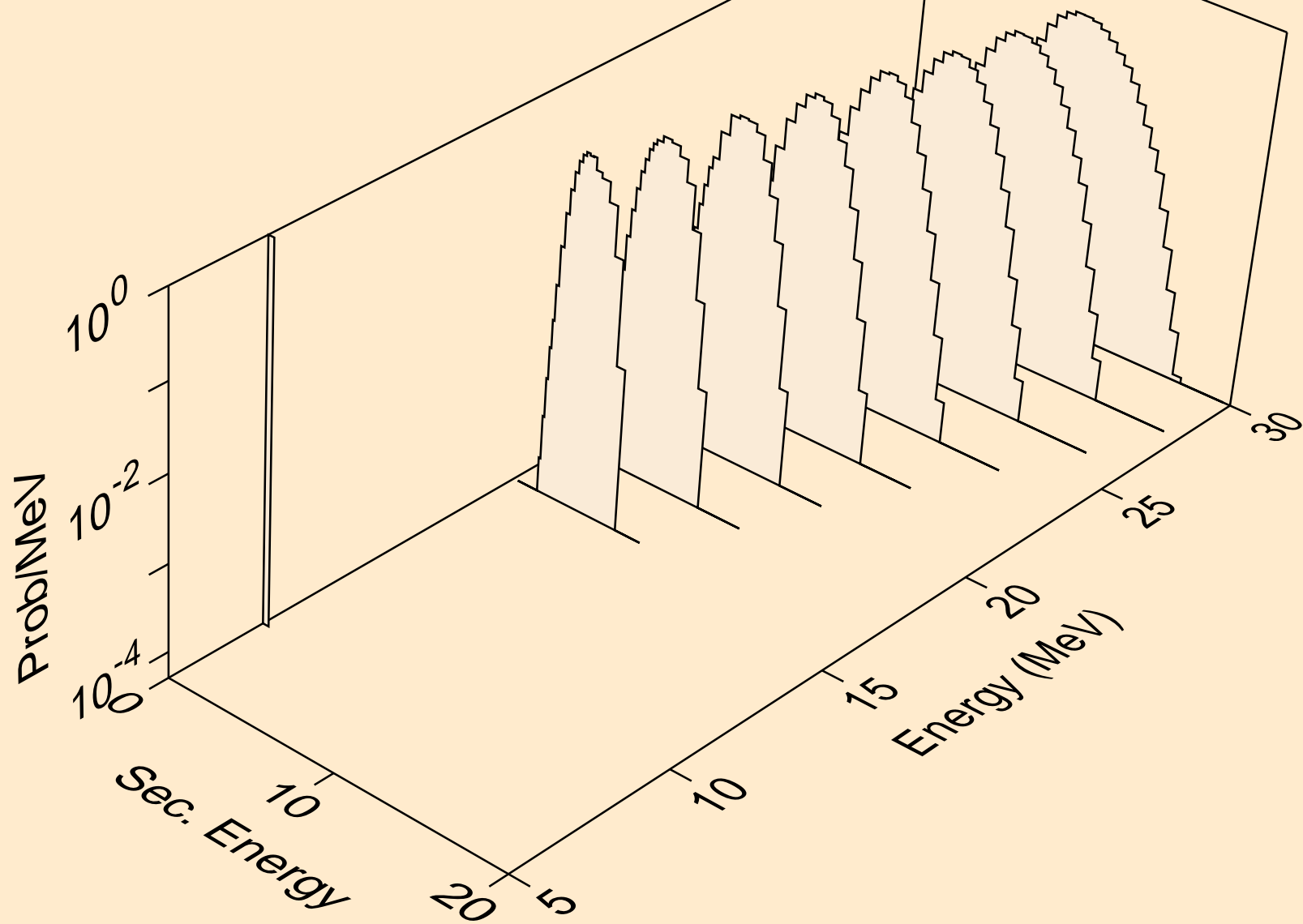
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



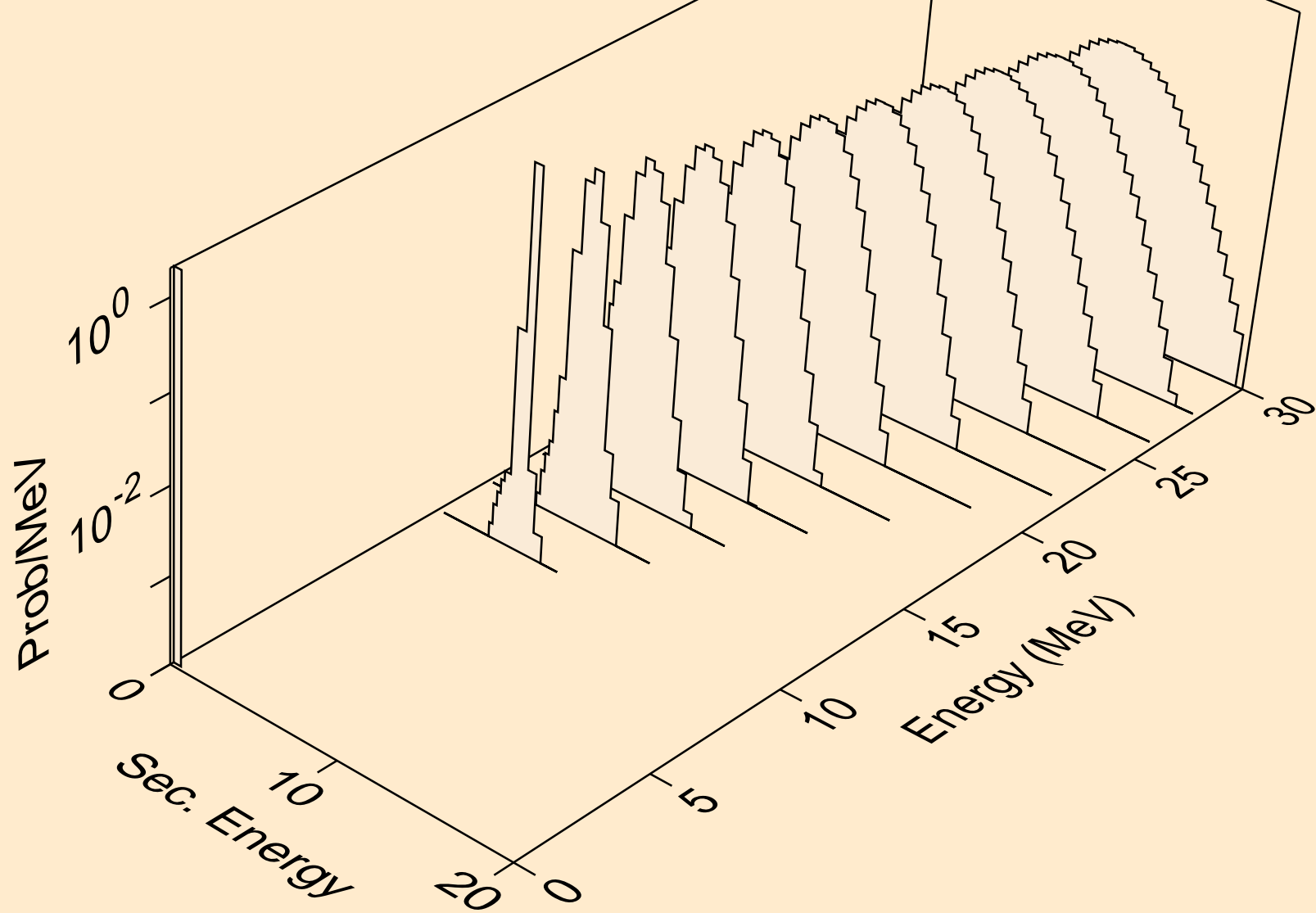
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protons from (s,3np)



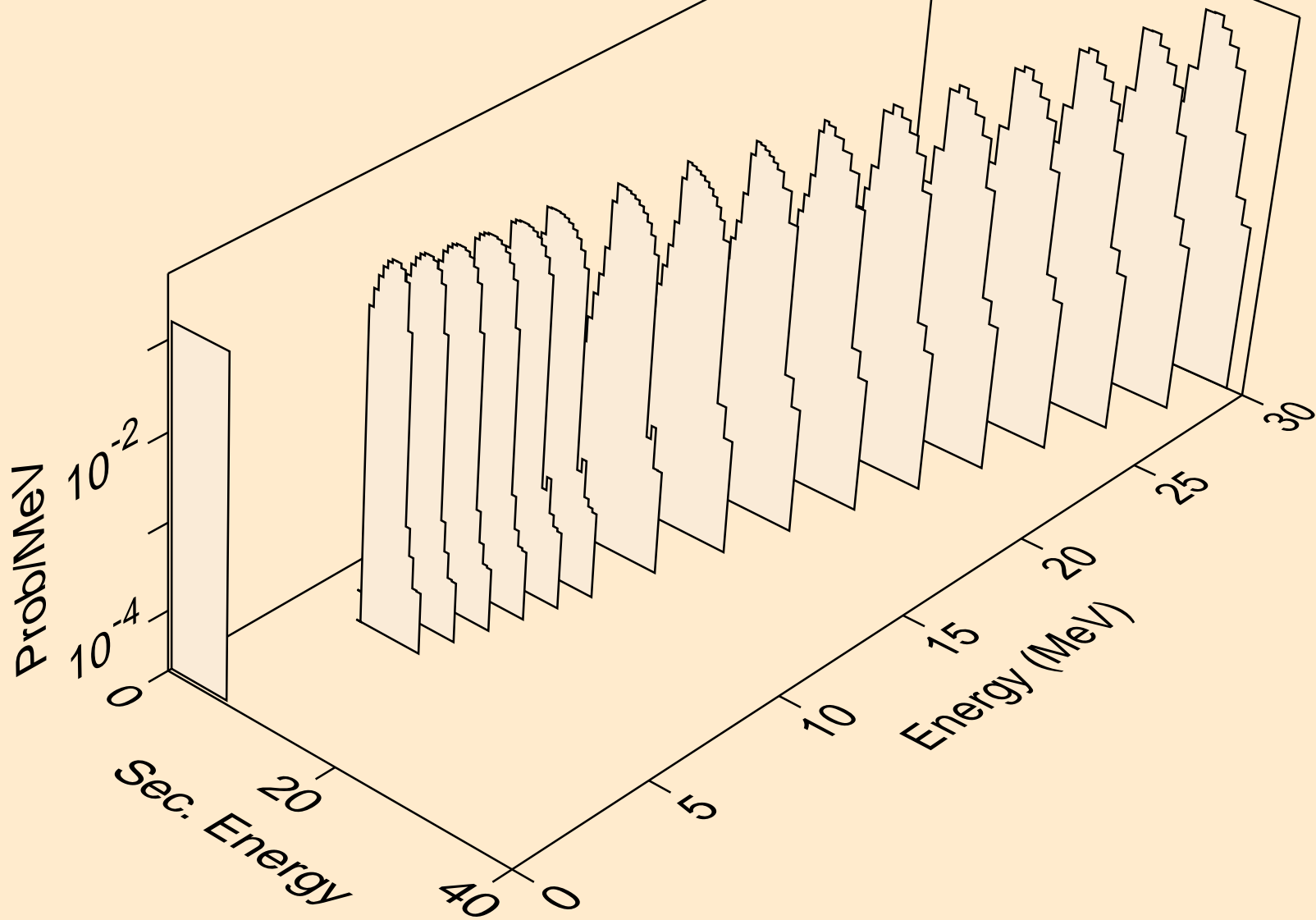
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protons from (s,n2p)



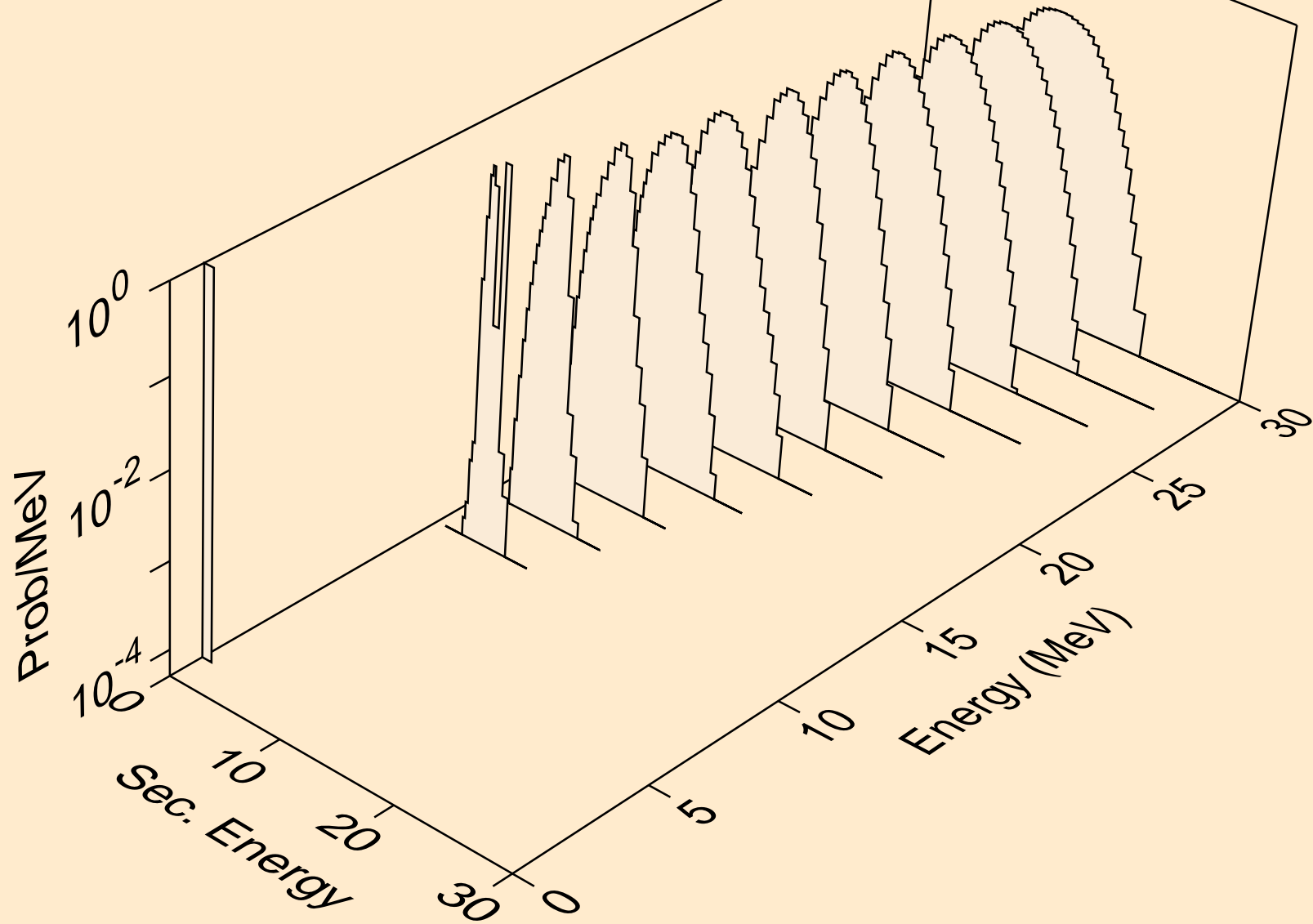
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protons from (s,npa)



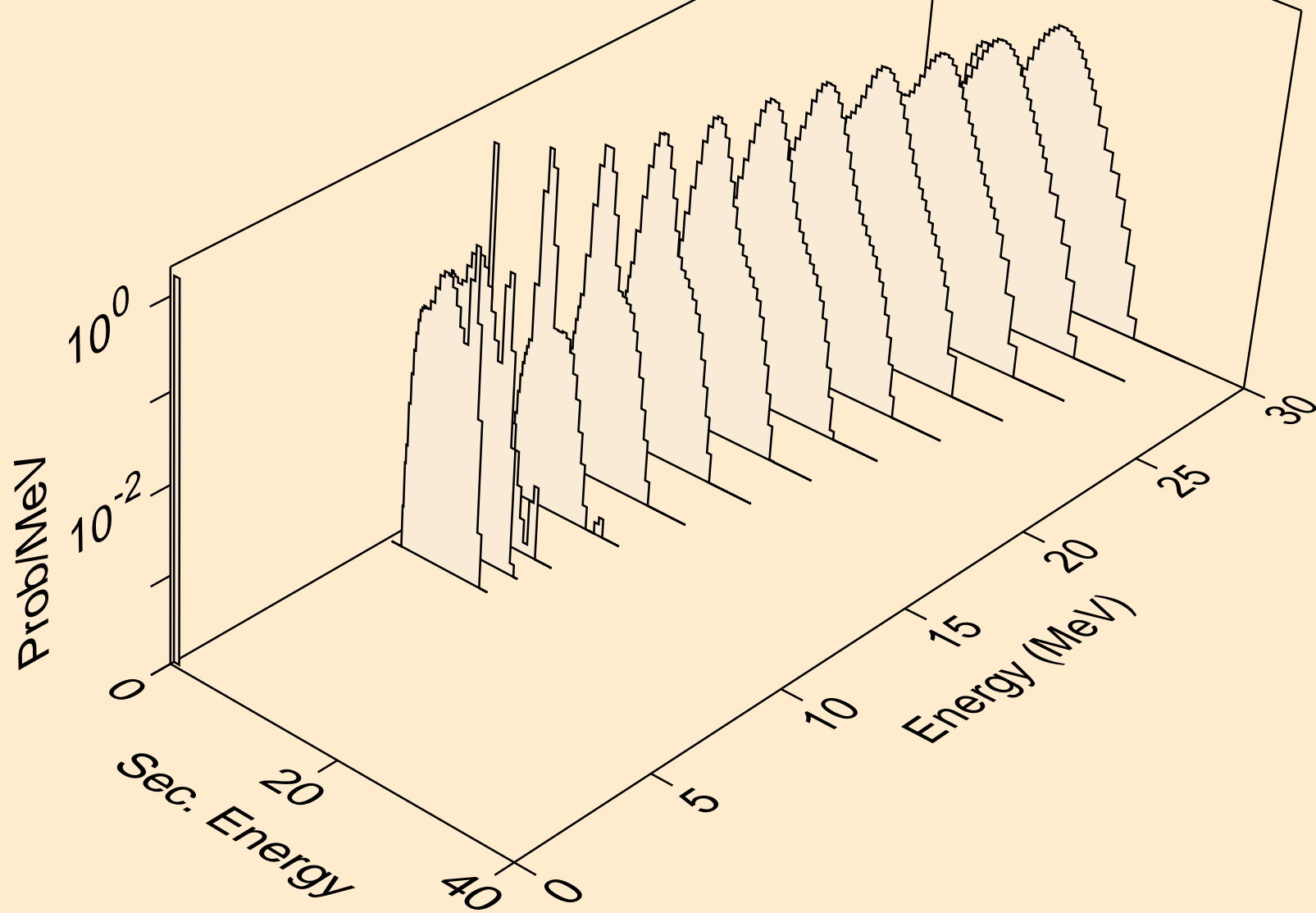
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protons from (s,p)



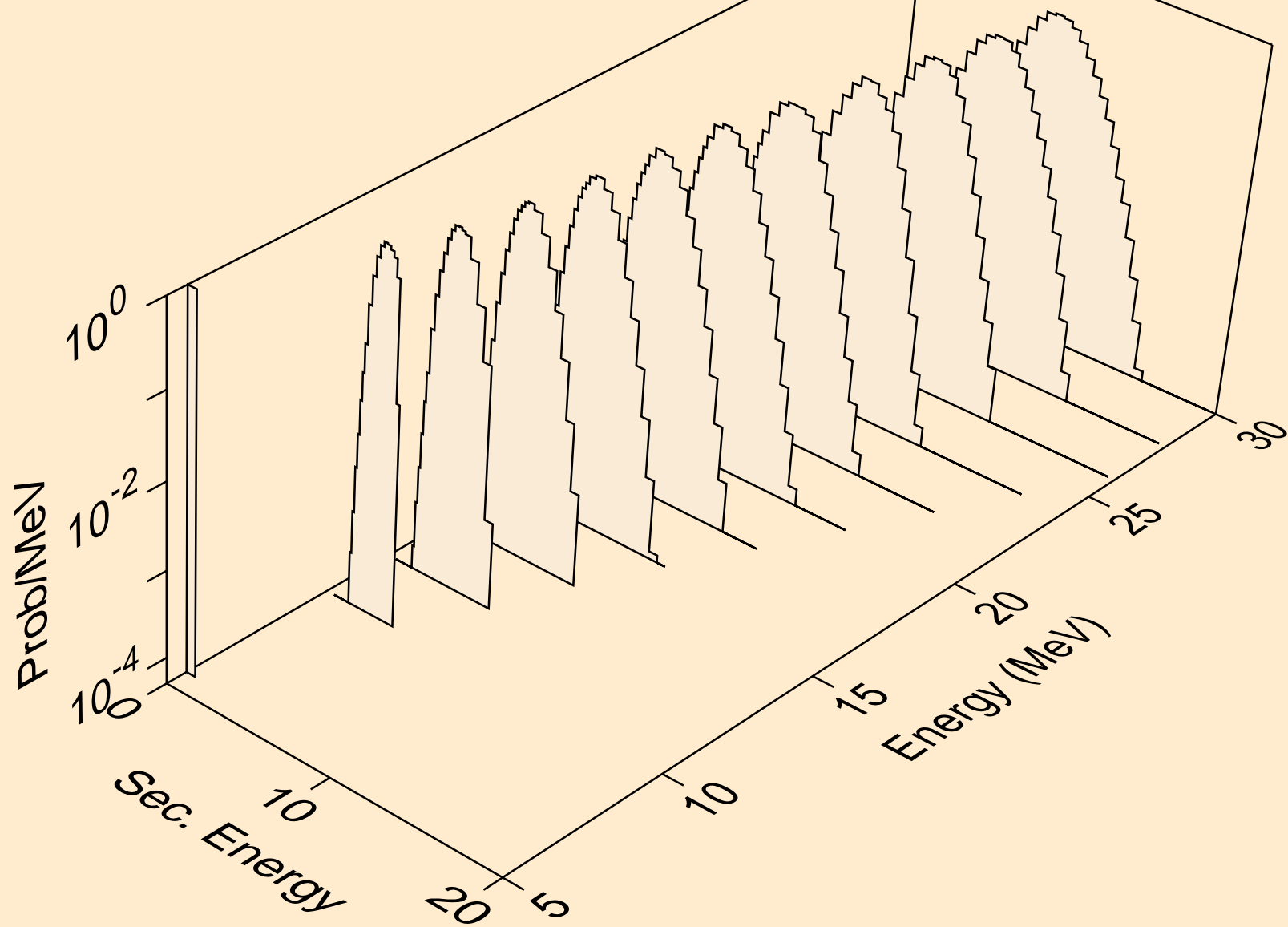
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

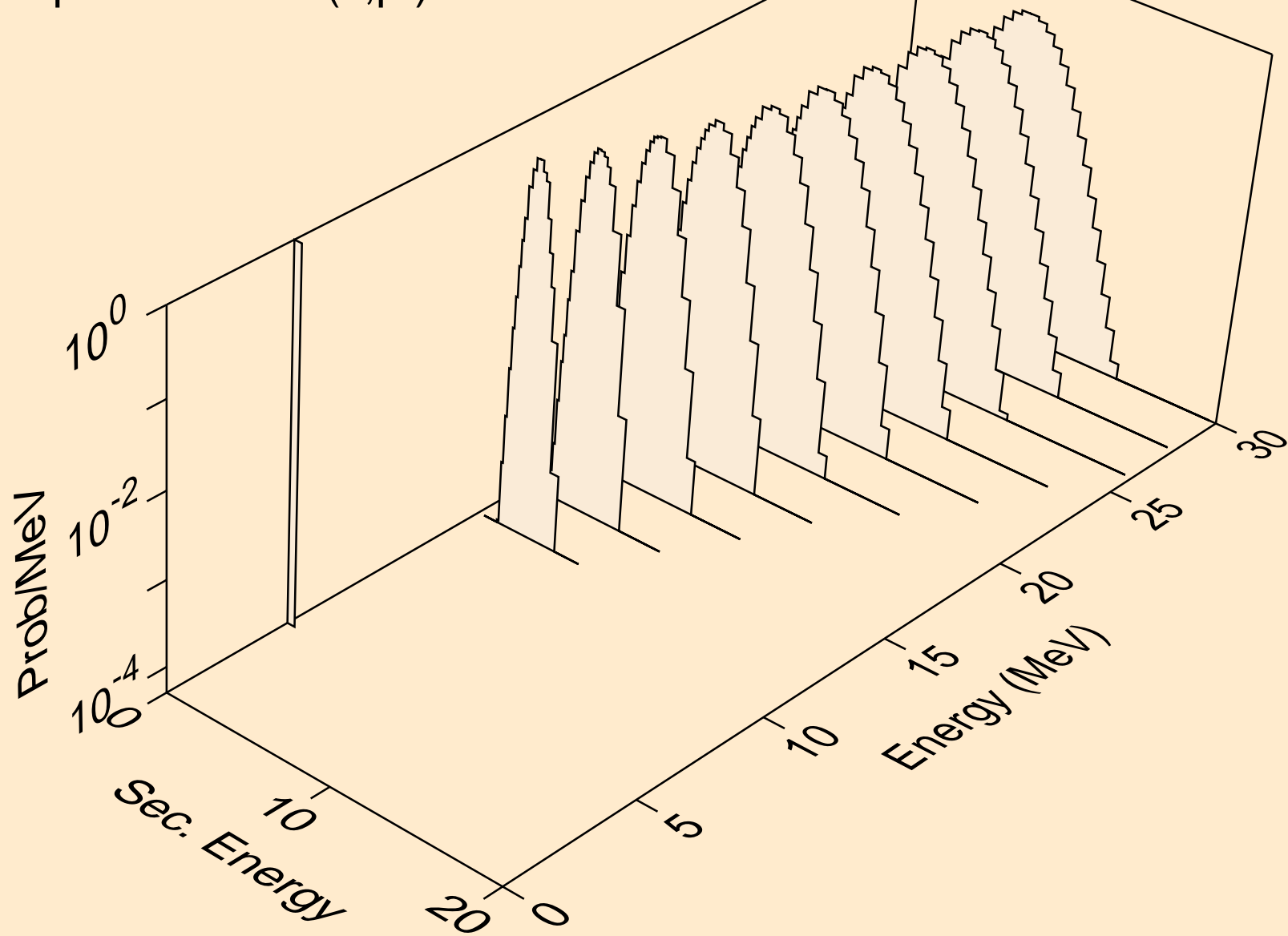


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)

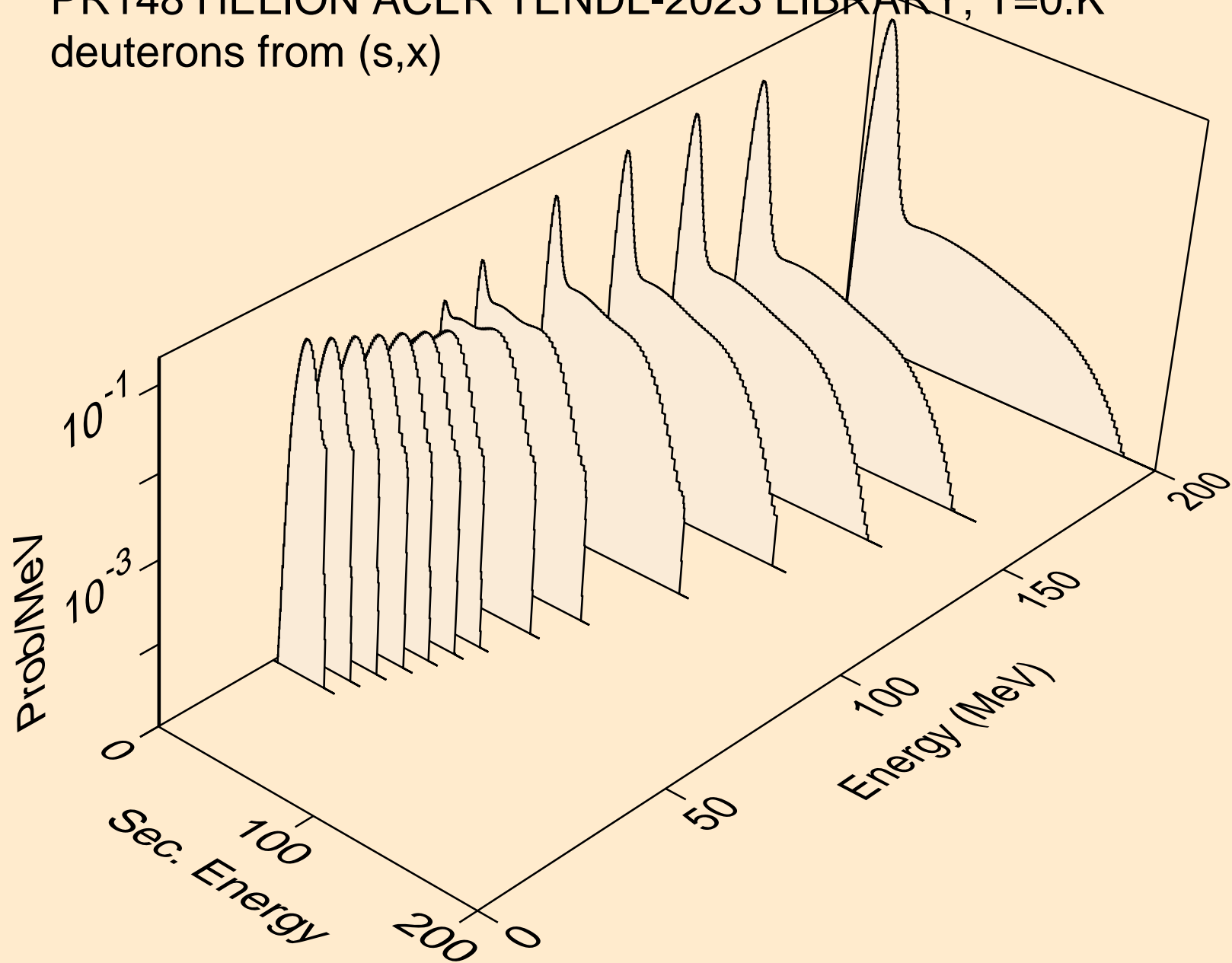




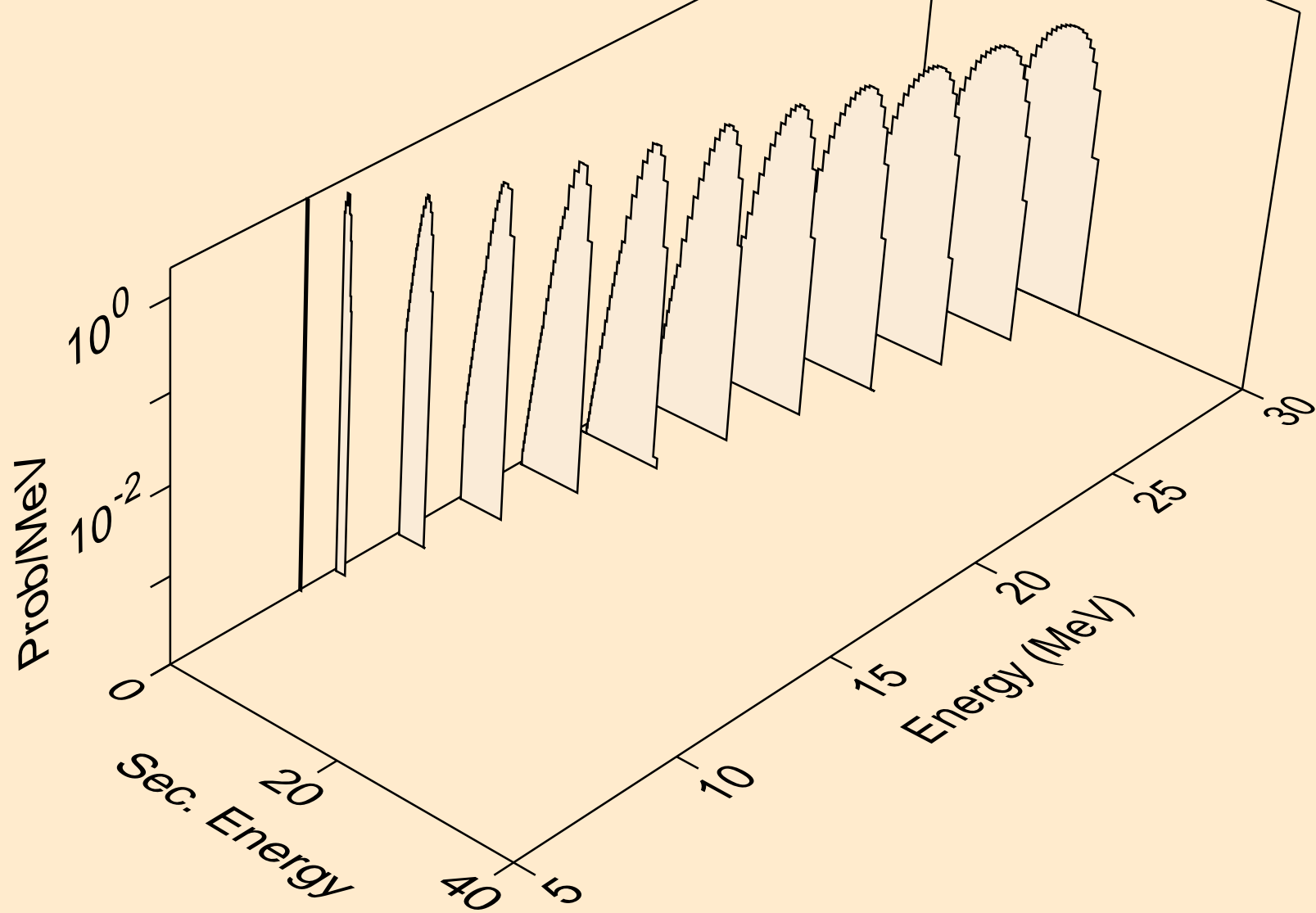
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



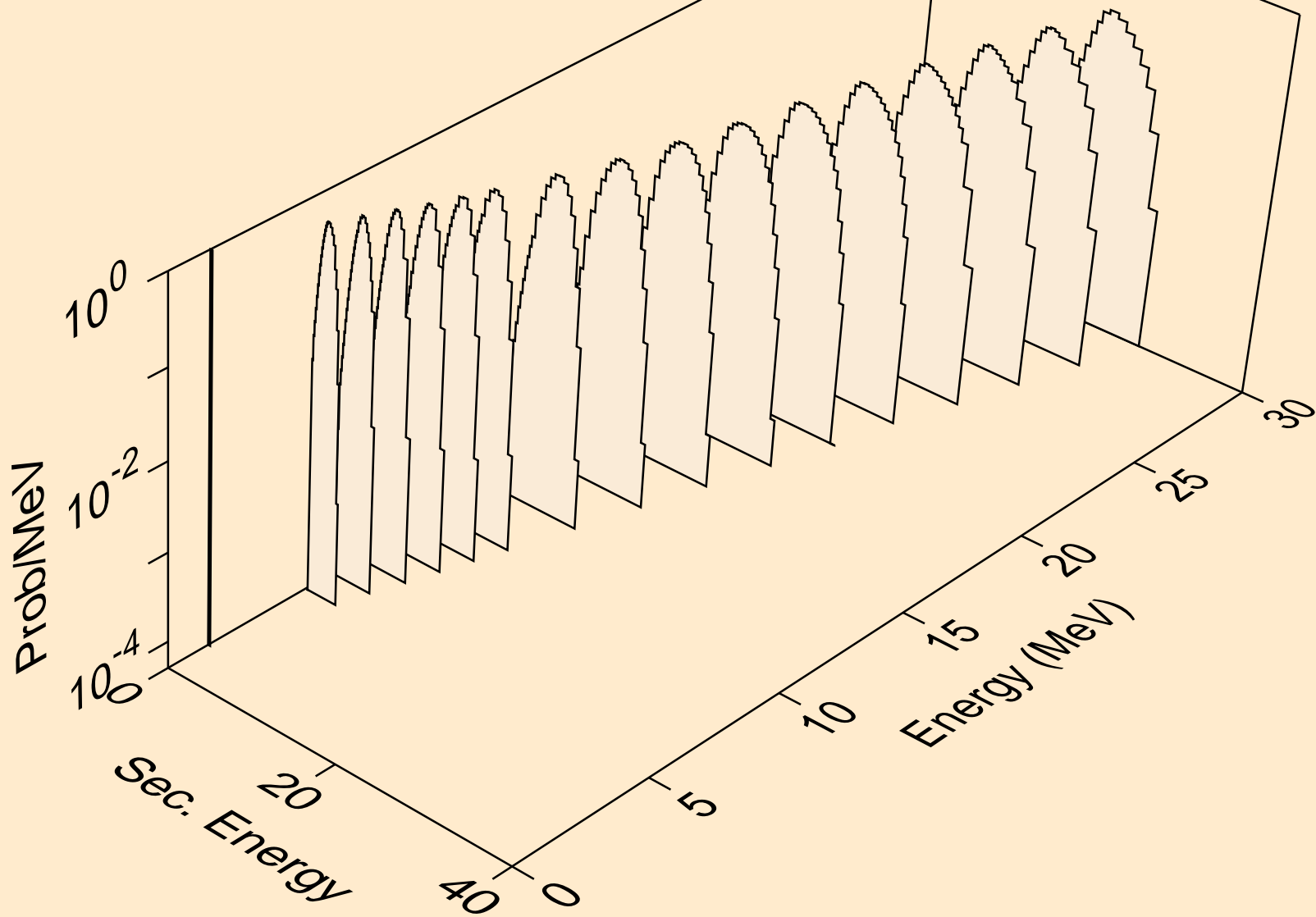
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



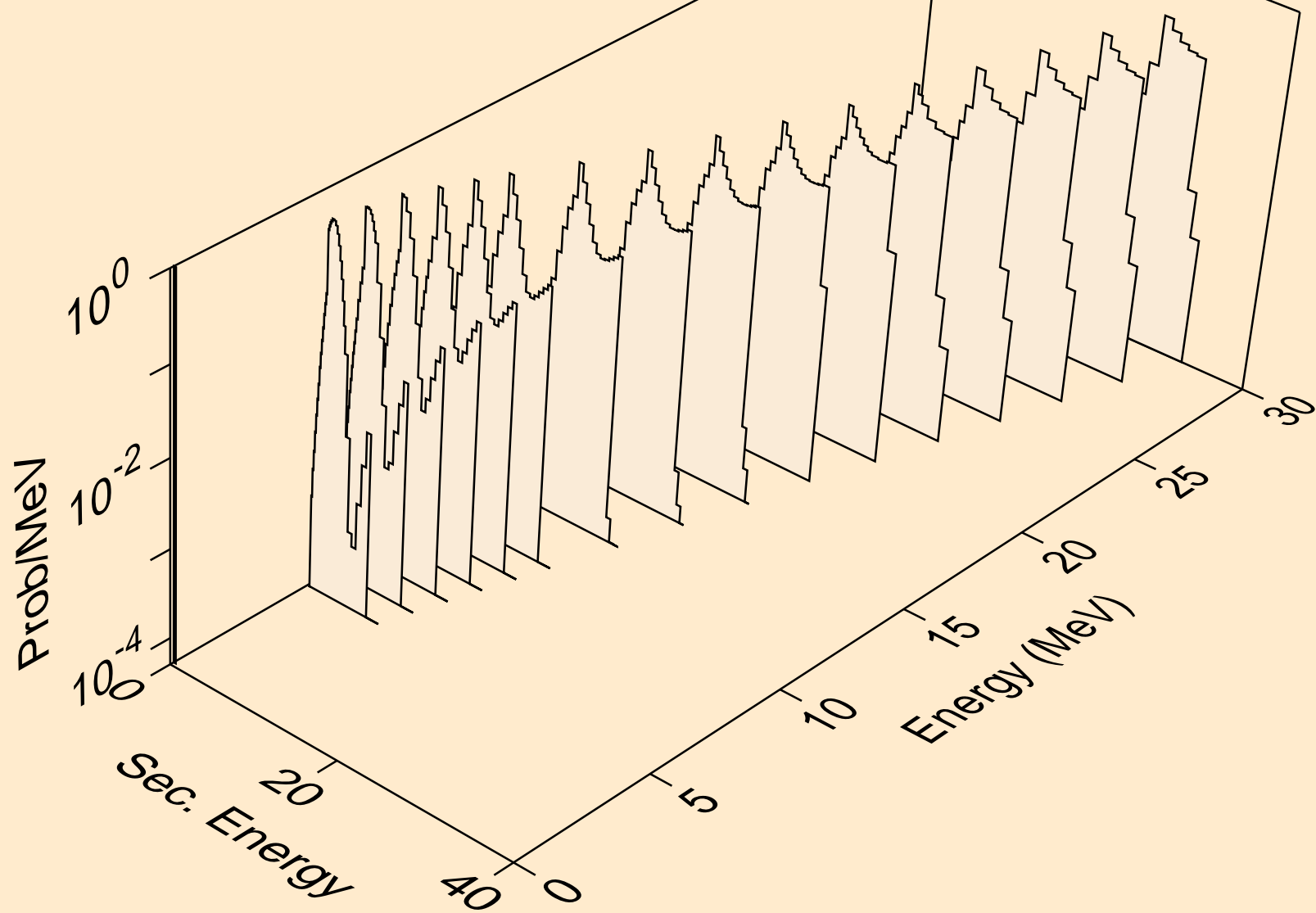
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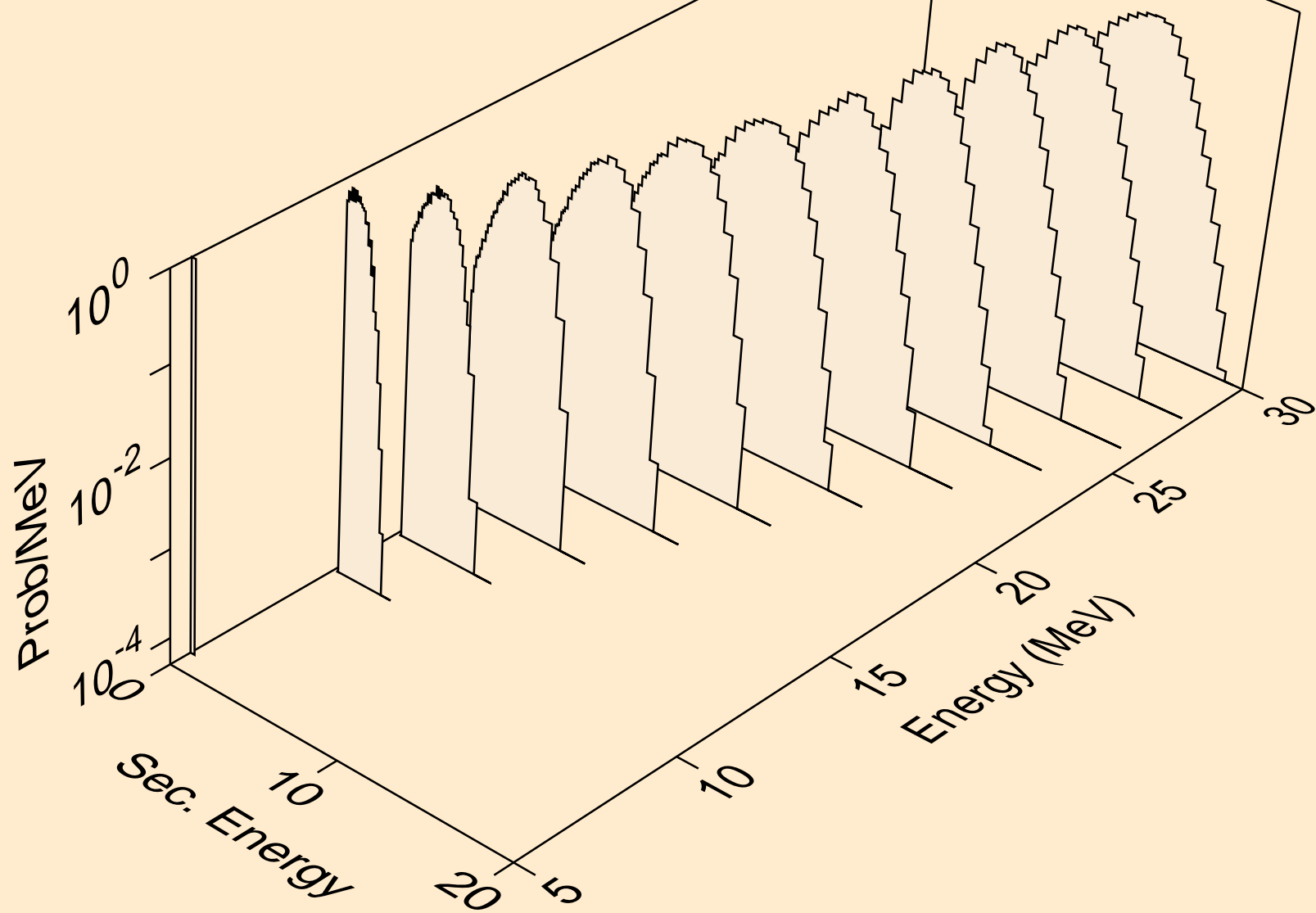
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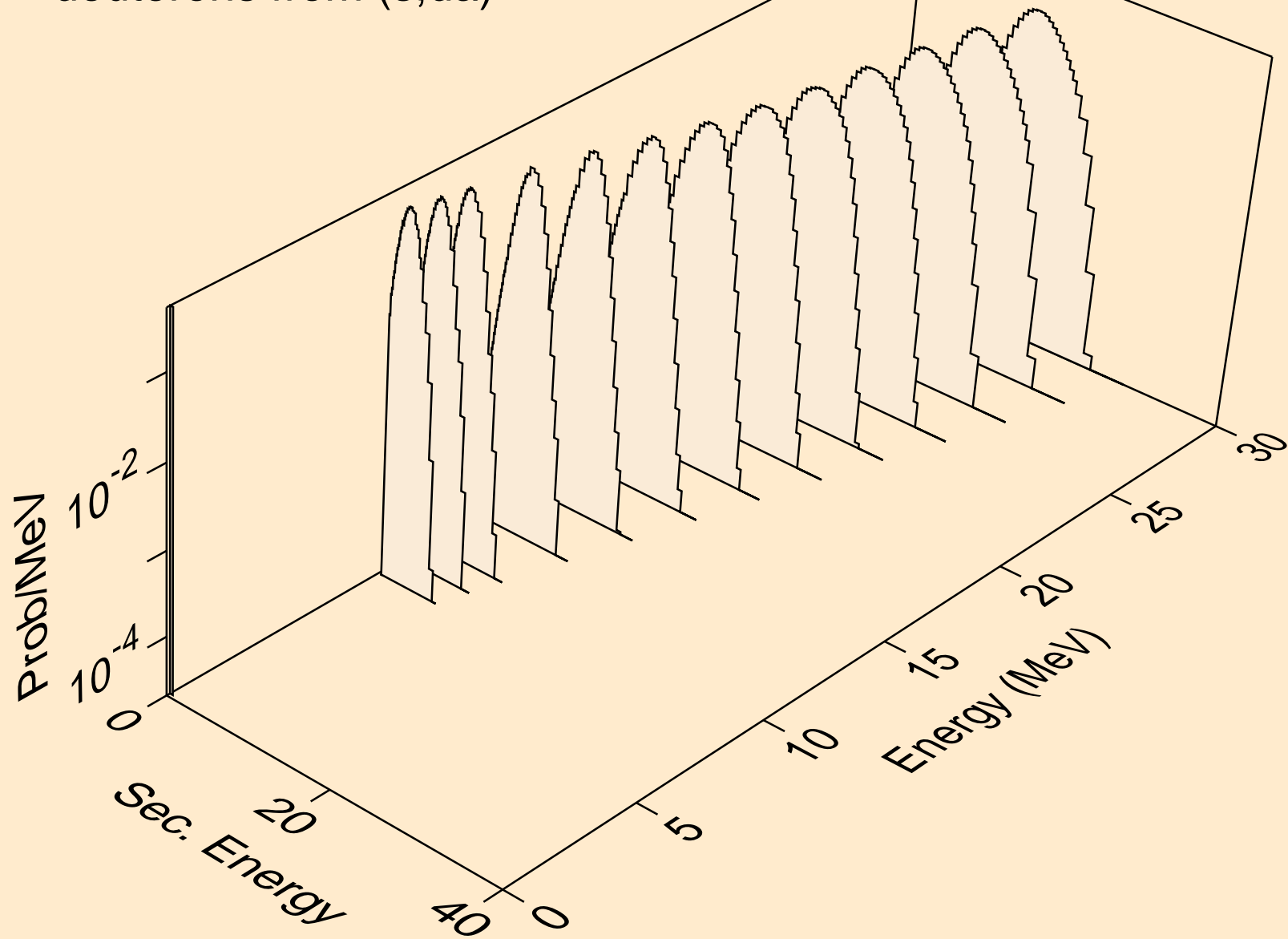
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deuterons from (s,d)



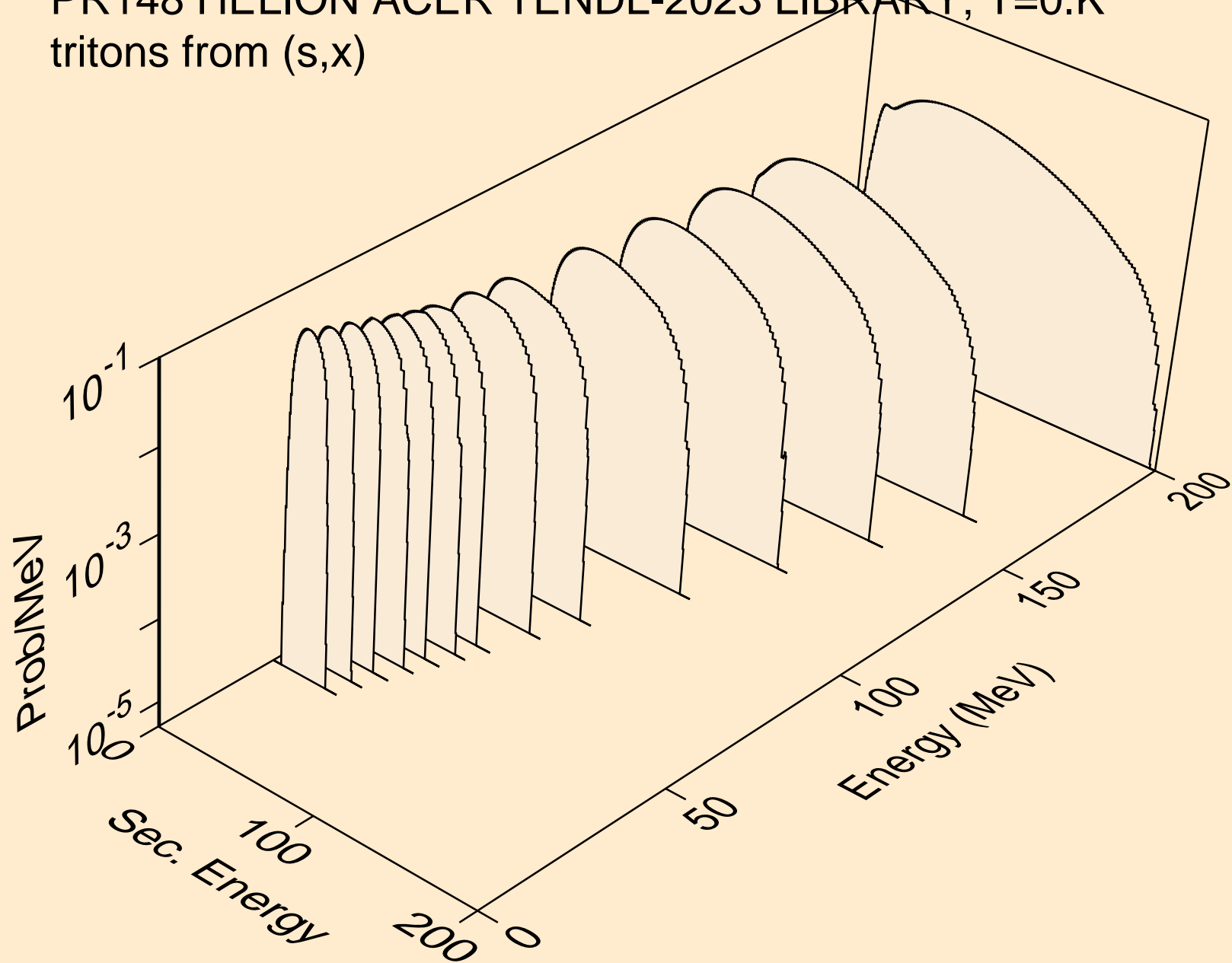
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

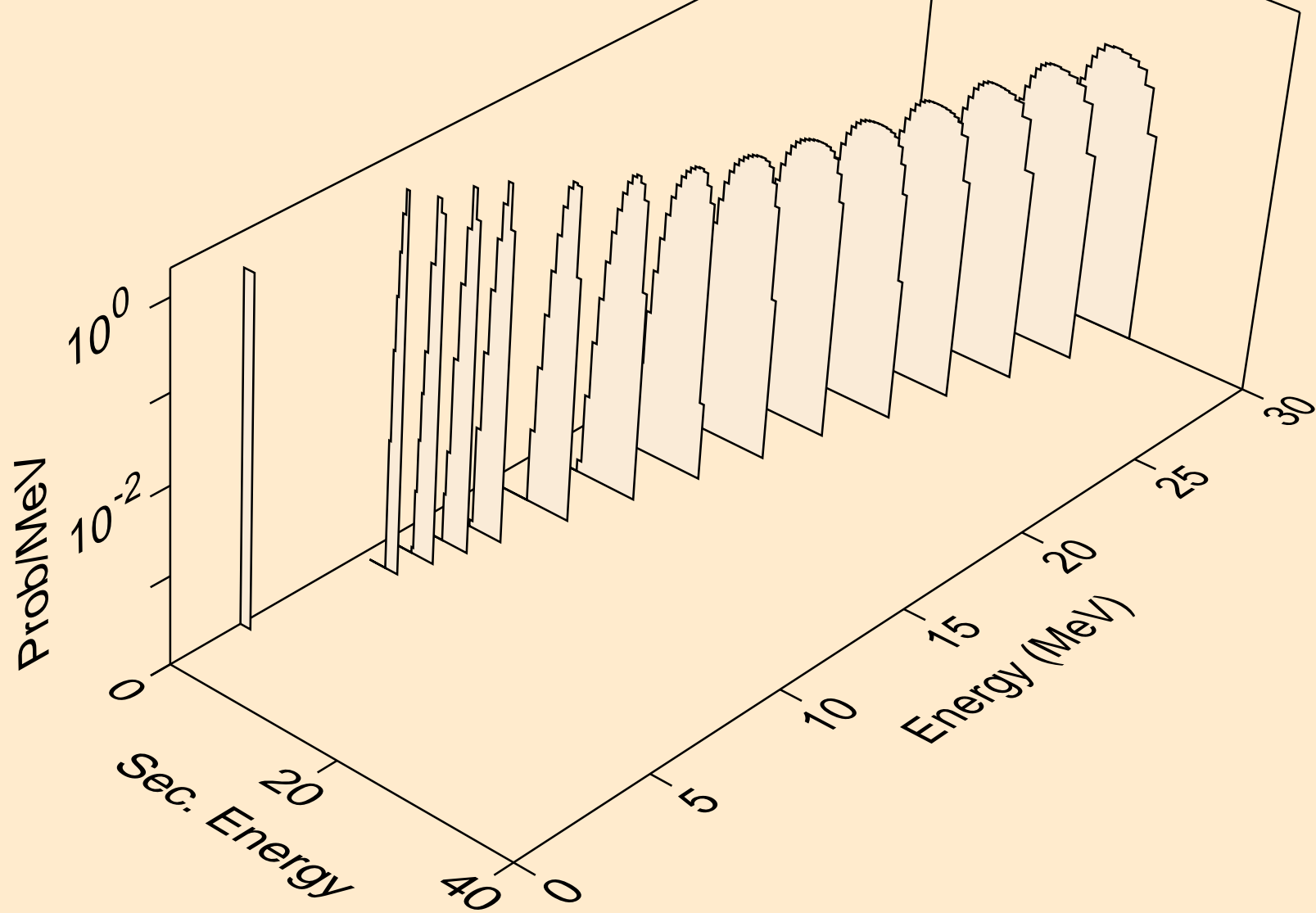


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

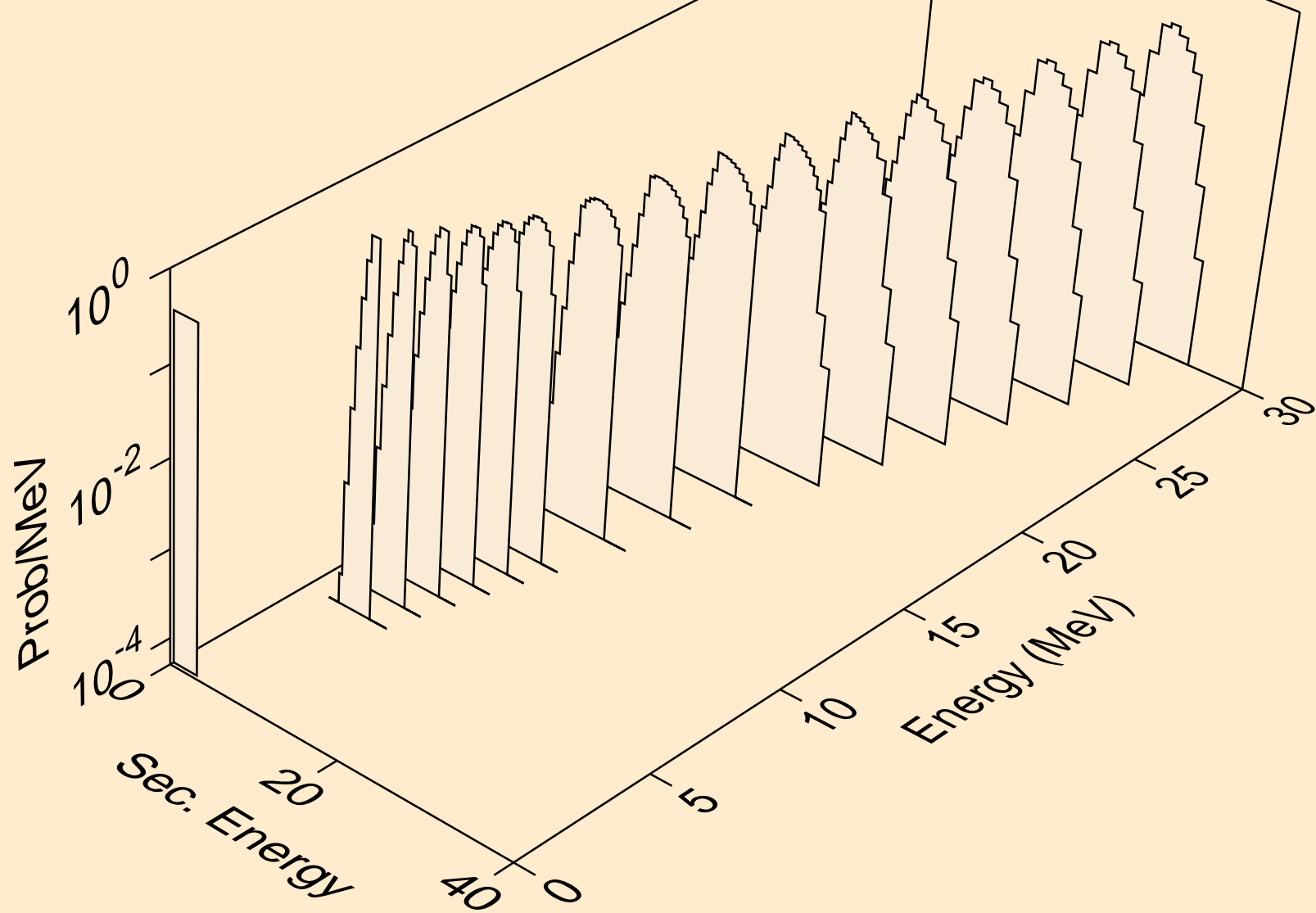




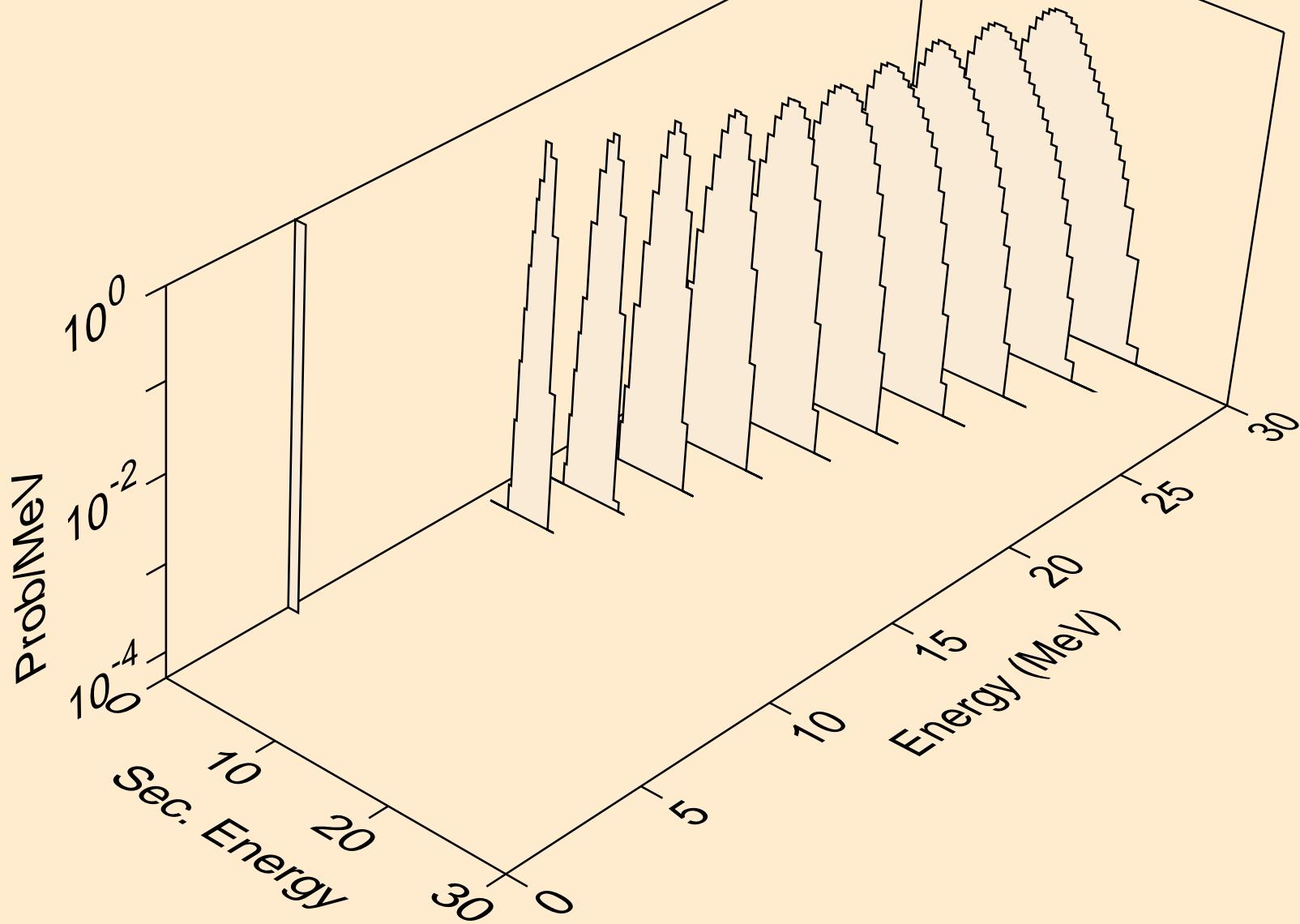
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



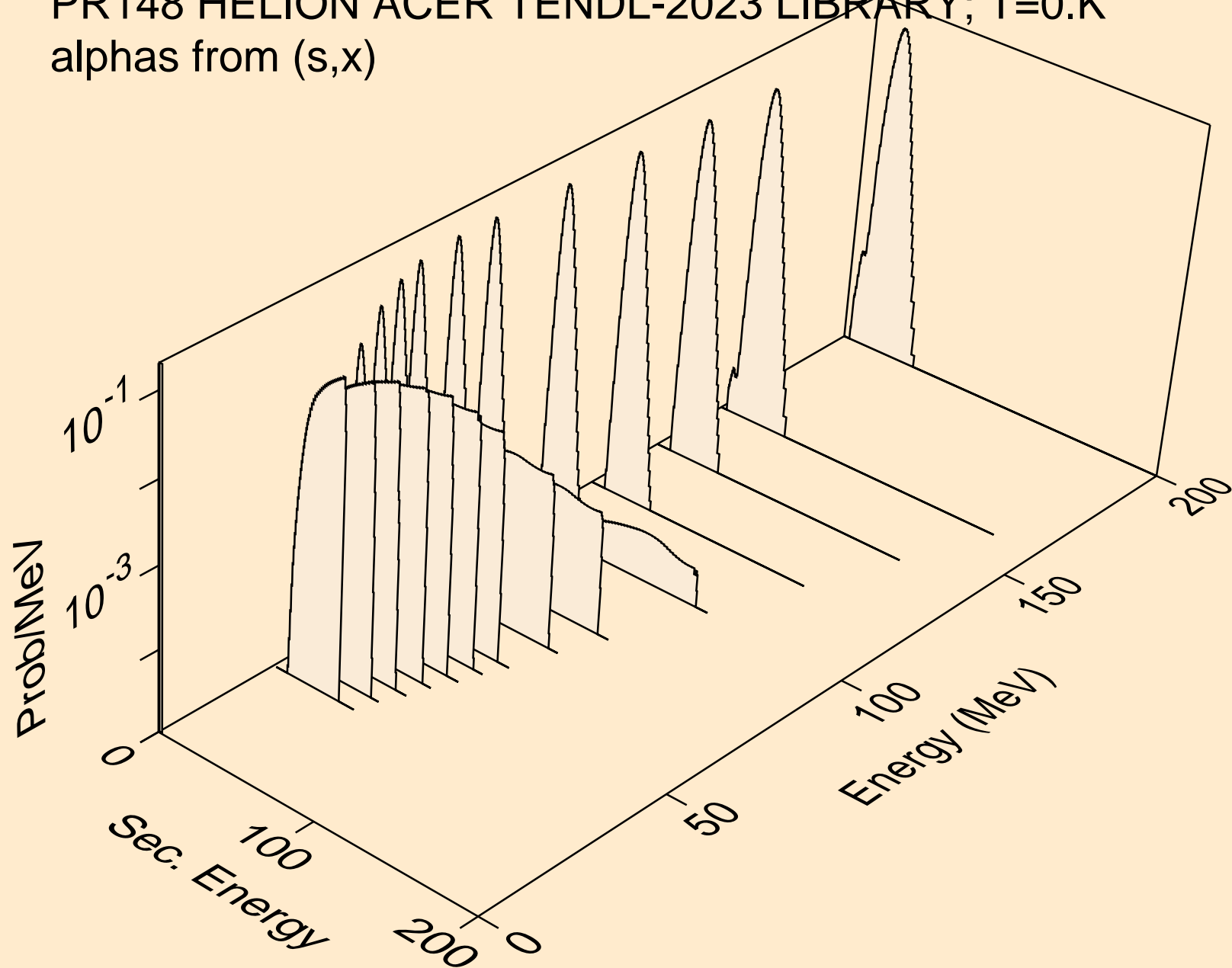
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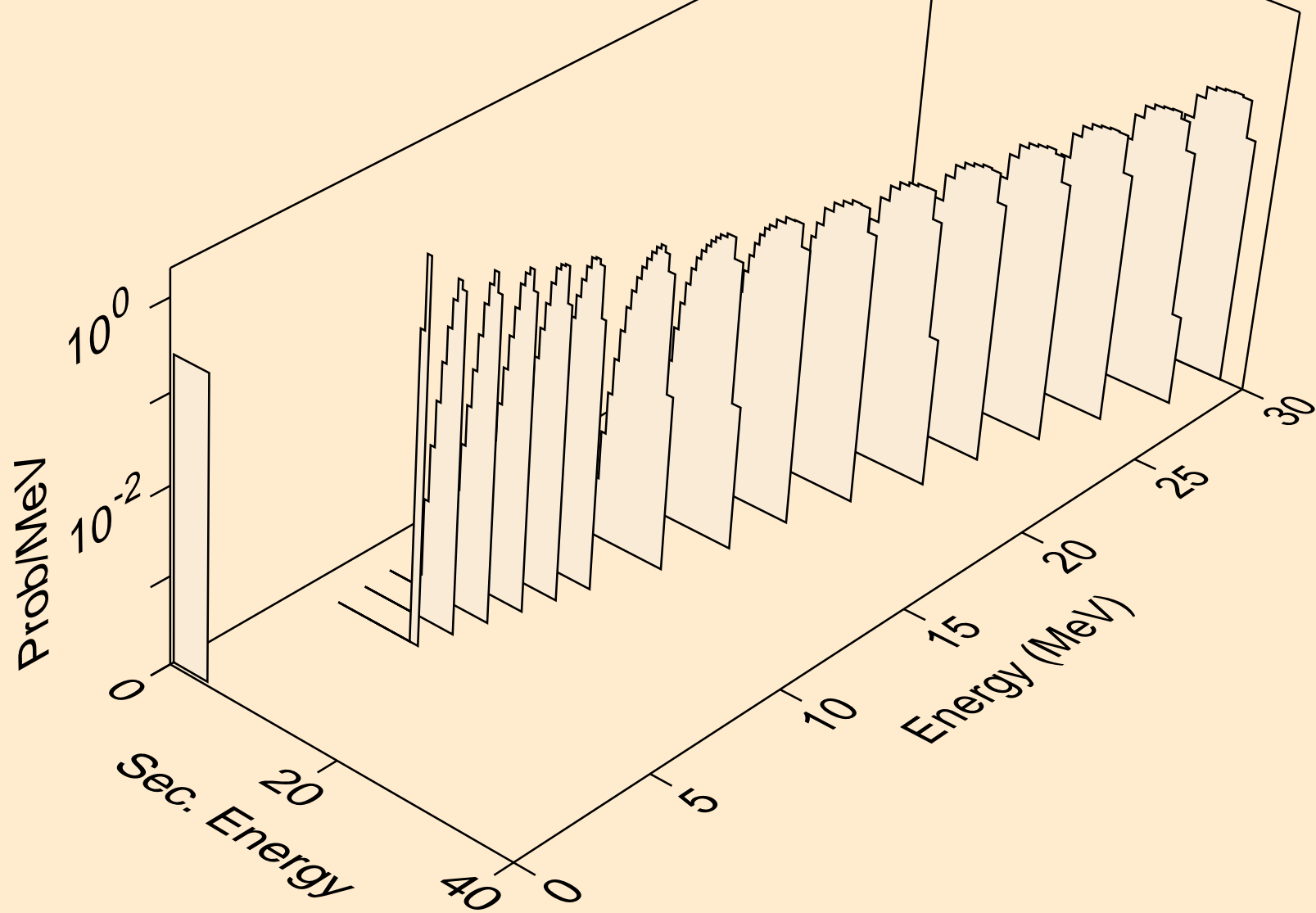
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



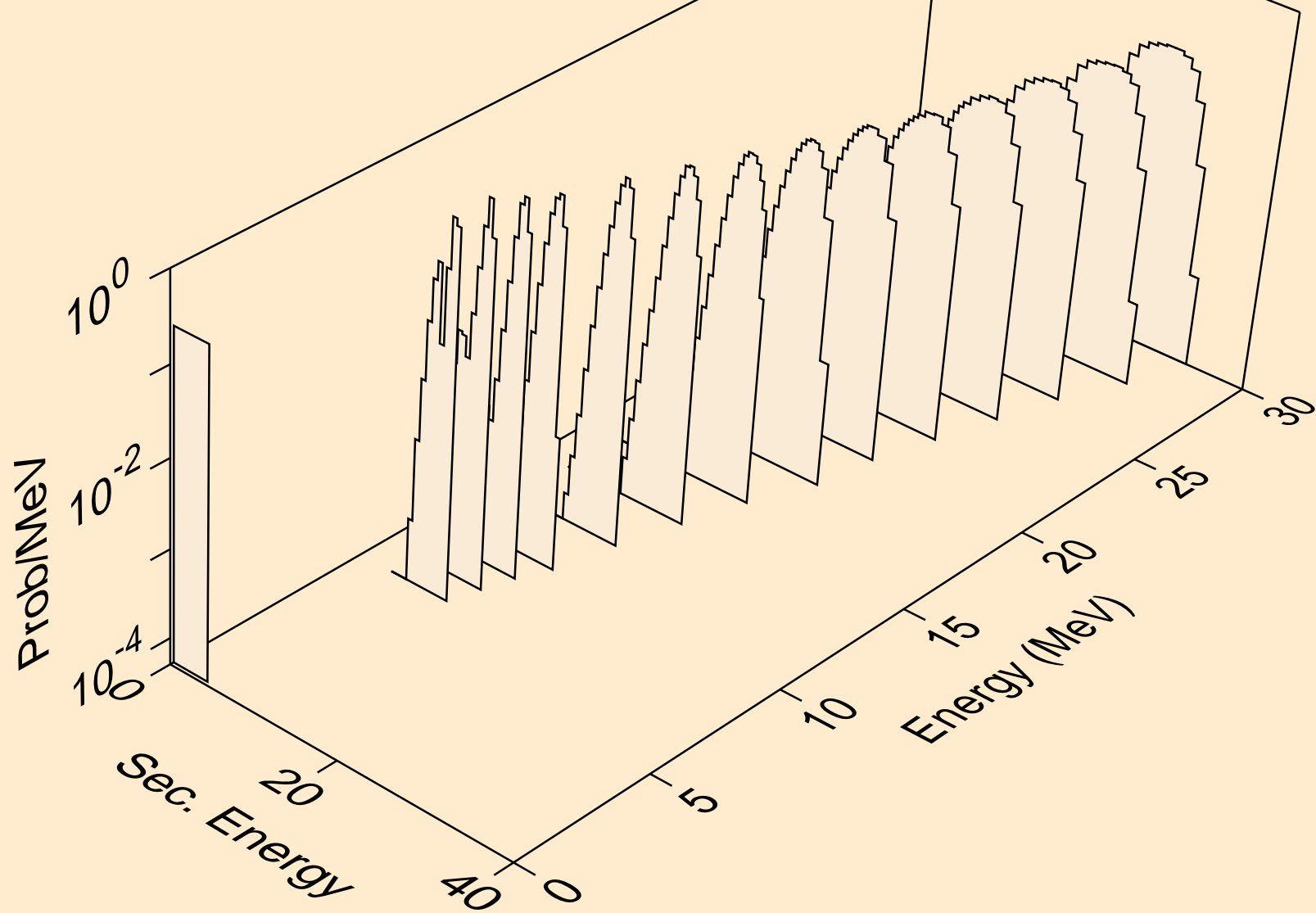
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



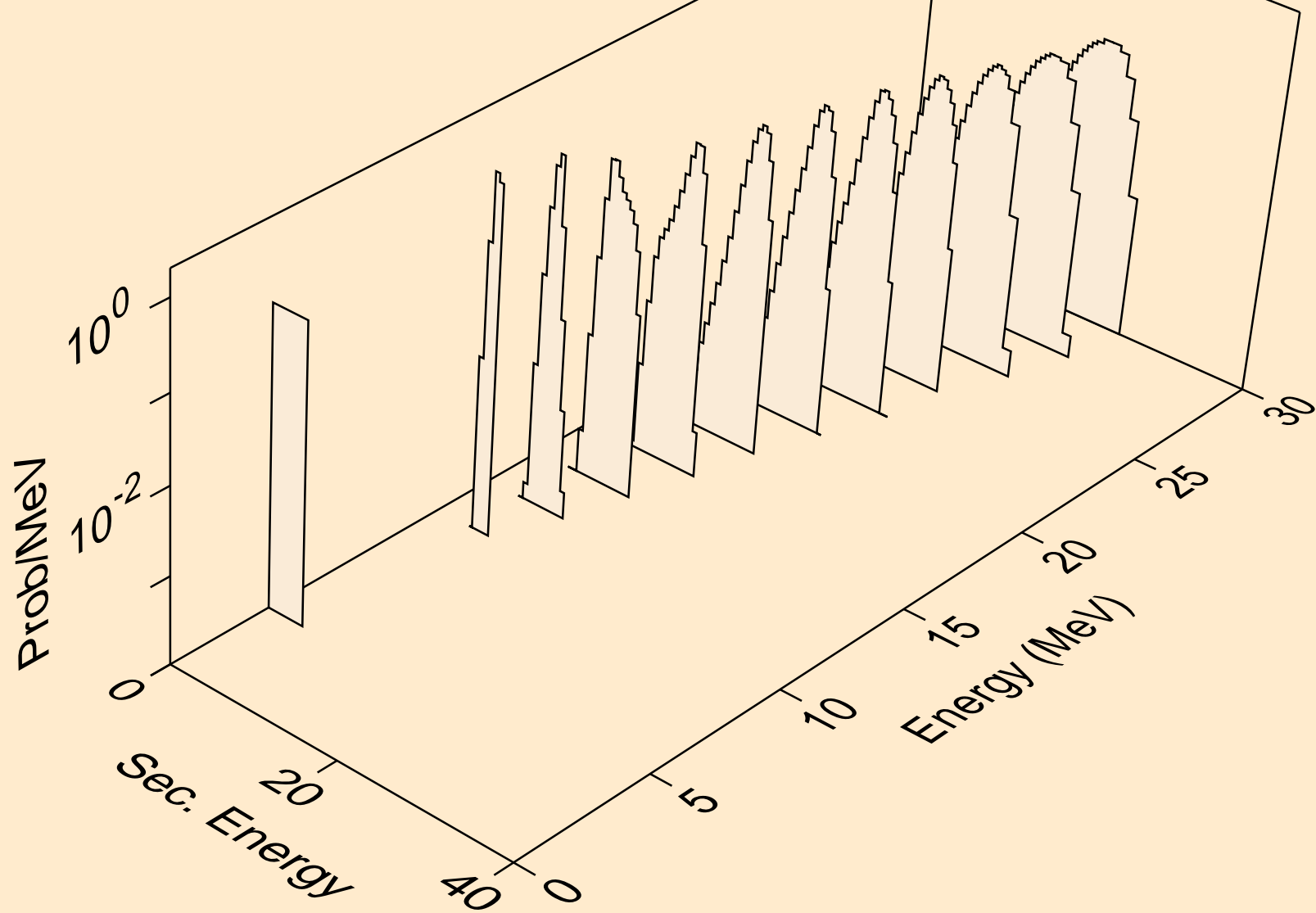
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



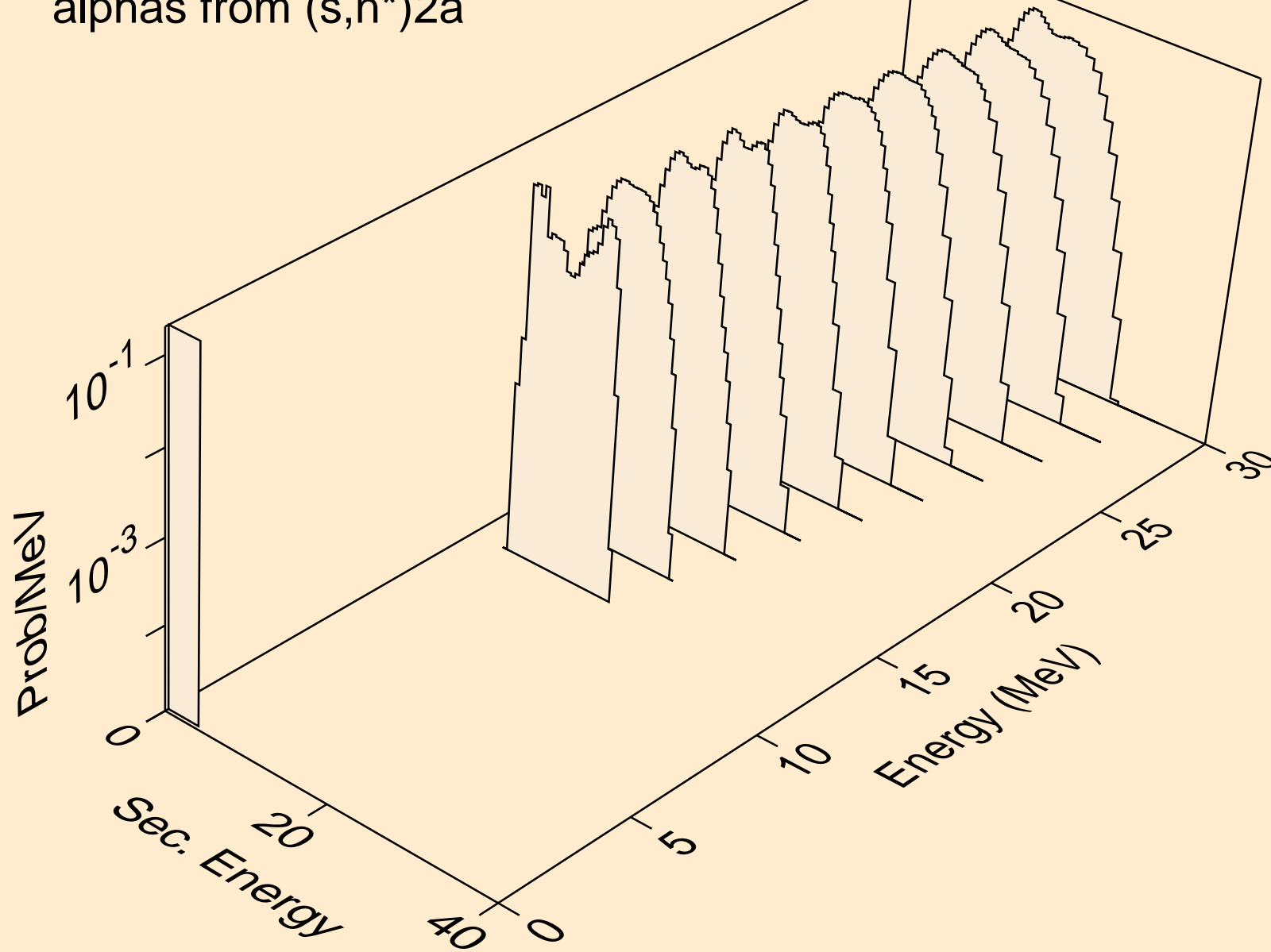
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a

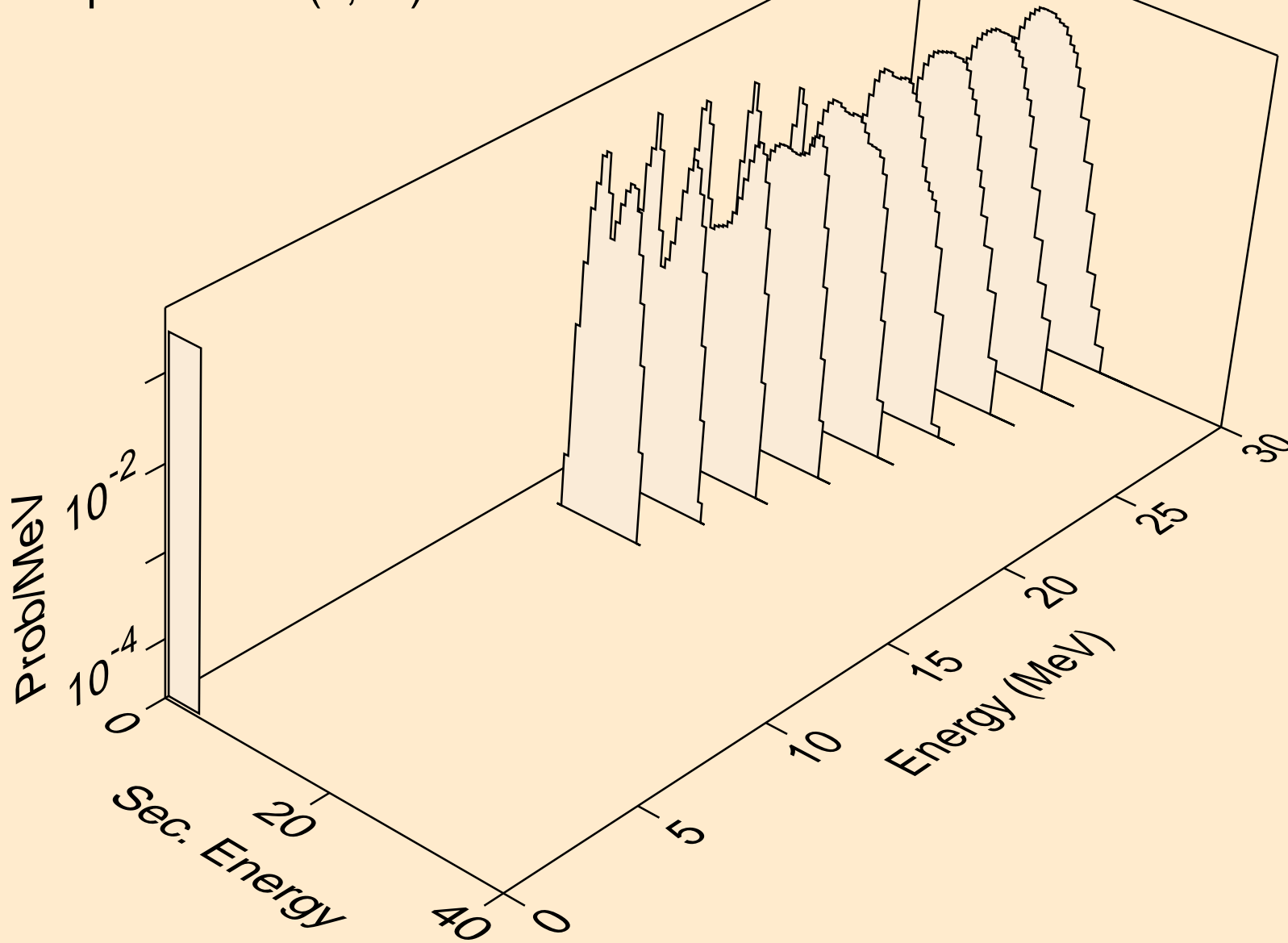


PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

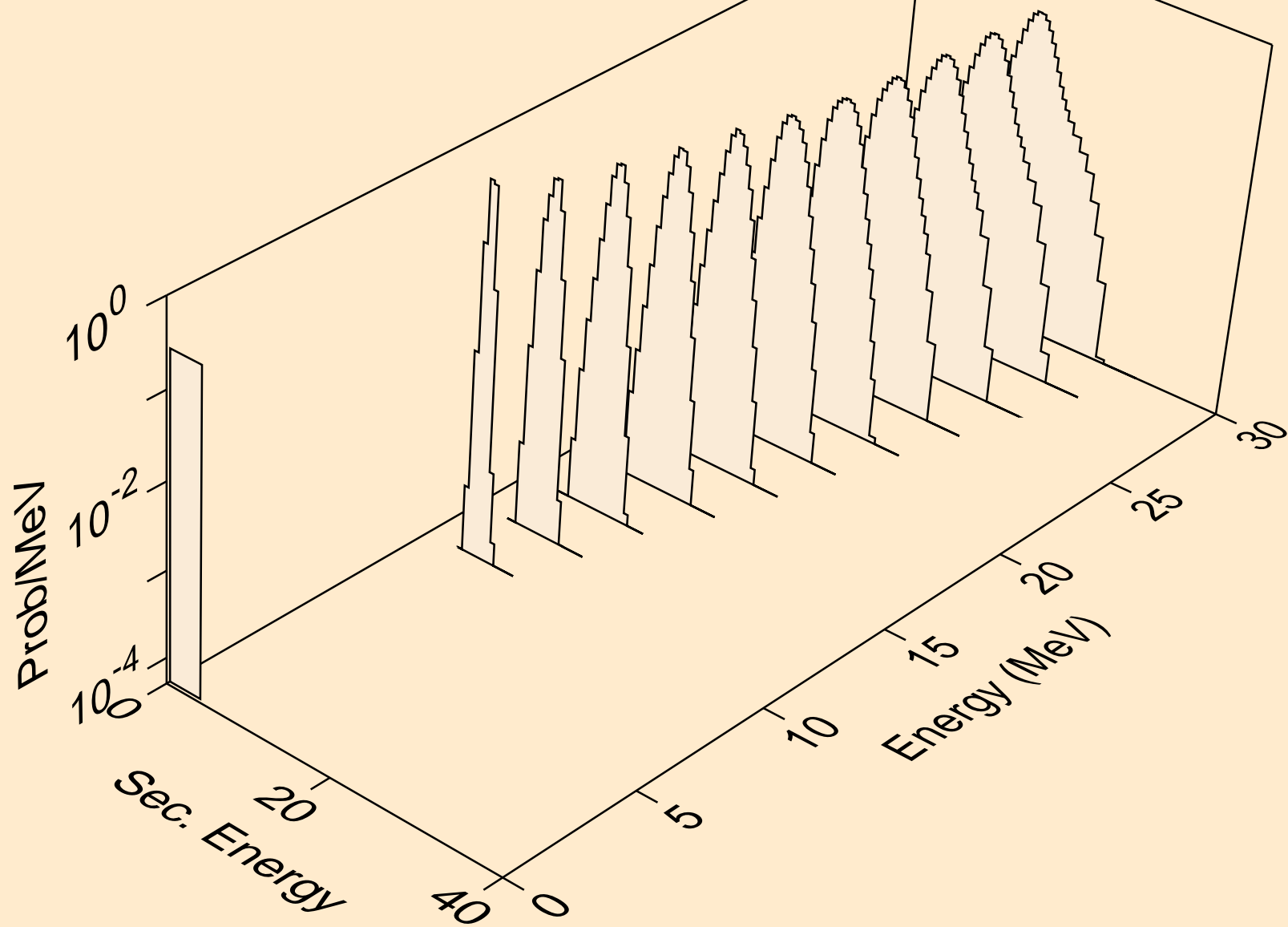




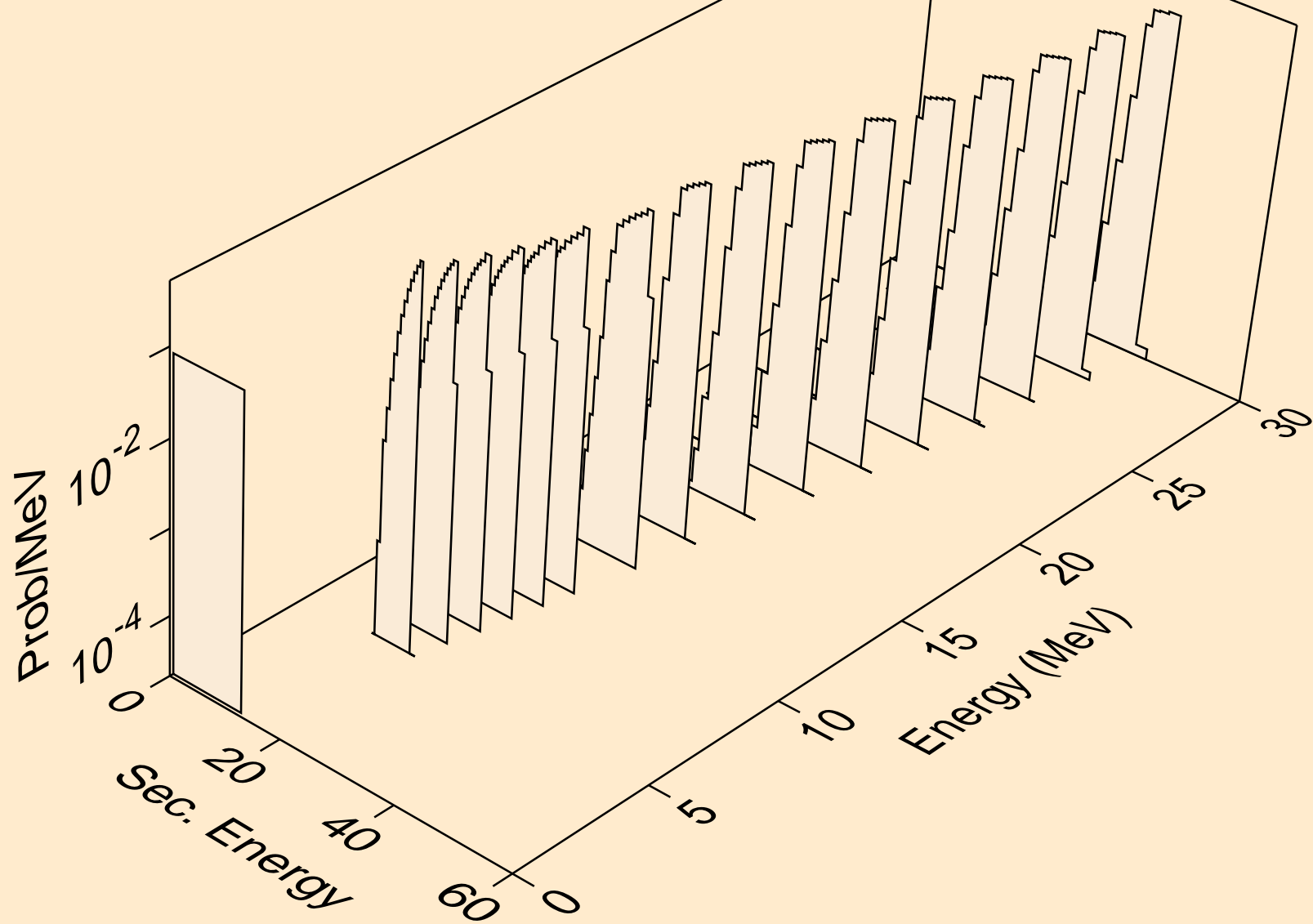
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alphas from (s,2n)2a



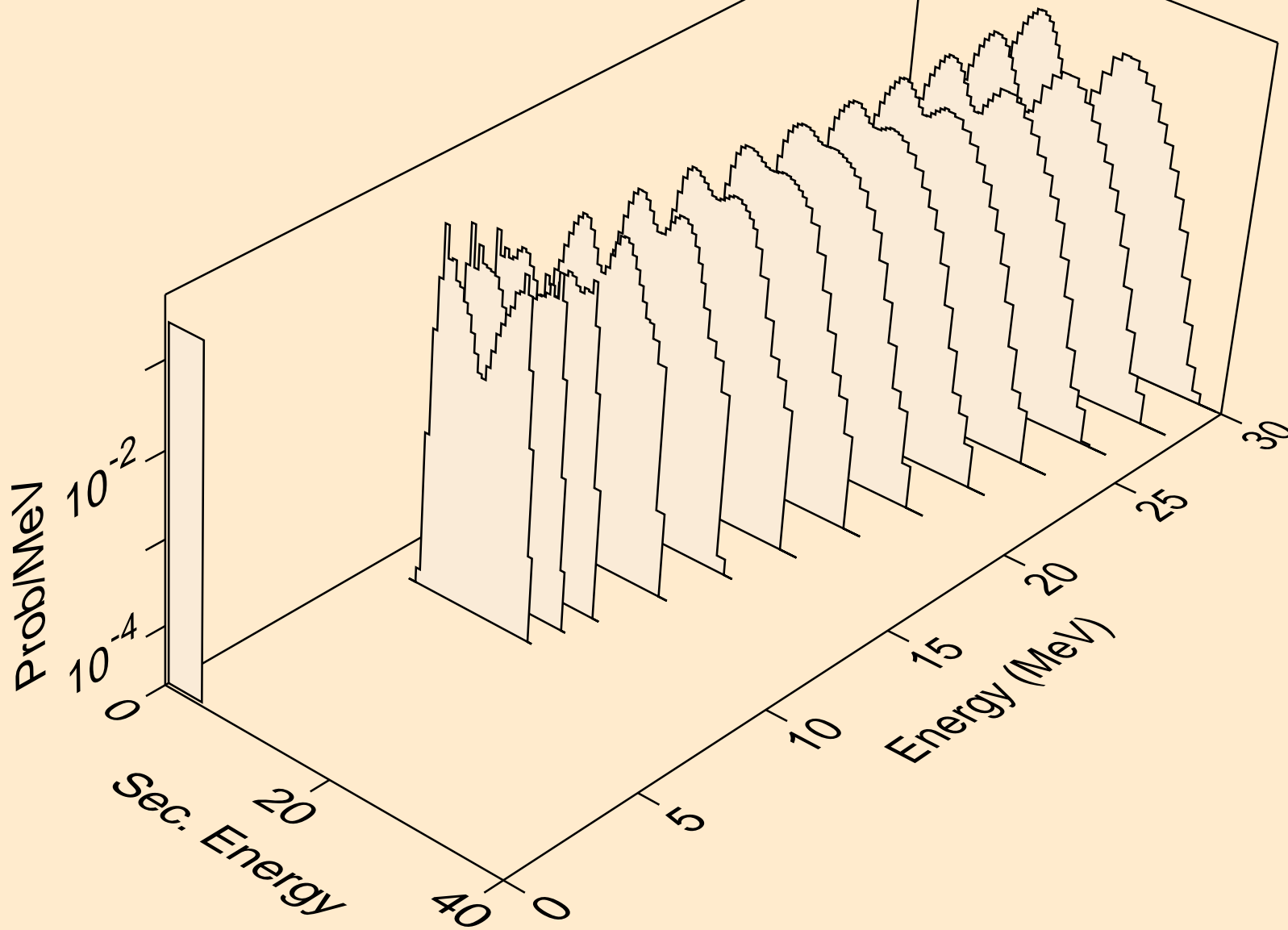
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alphas from (s,npa)



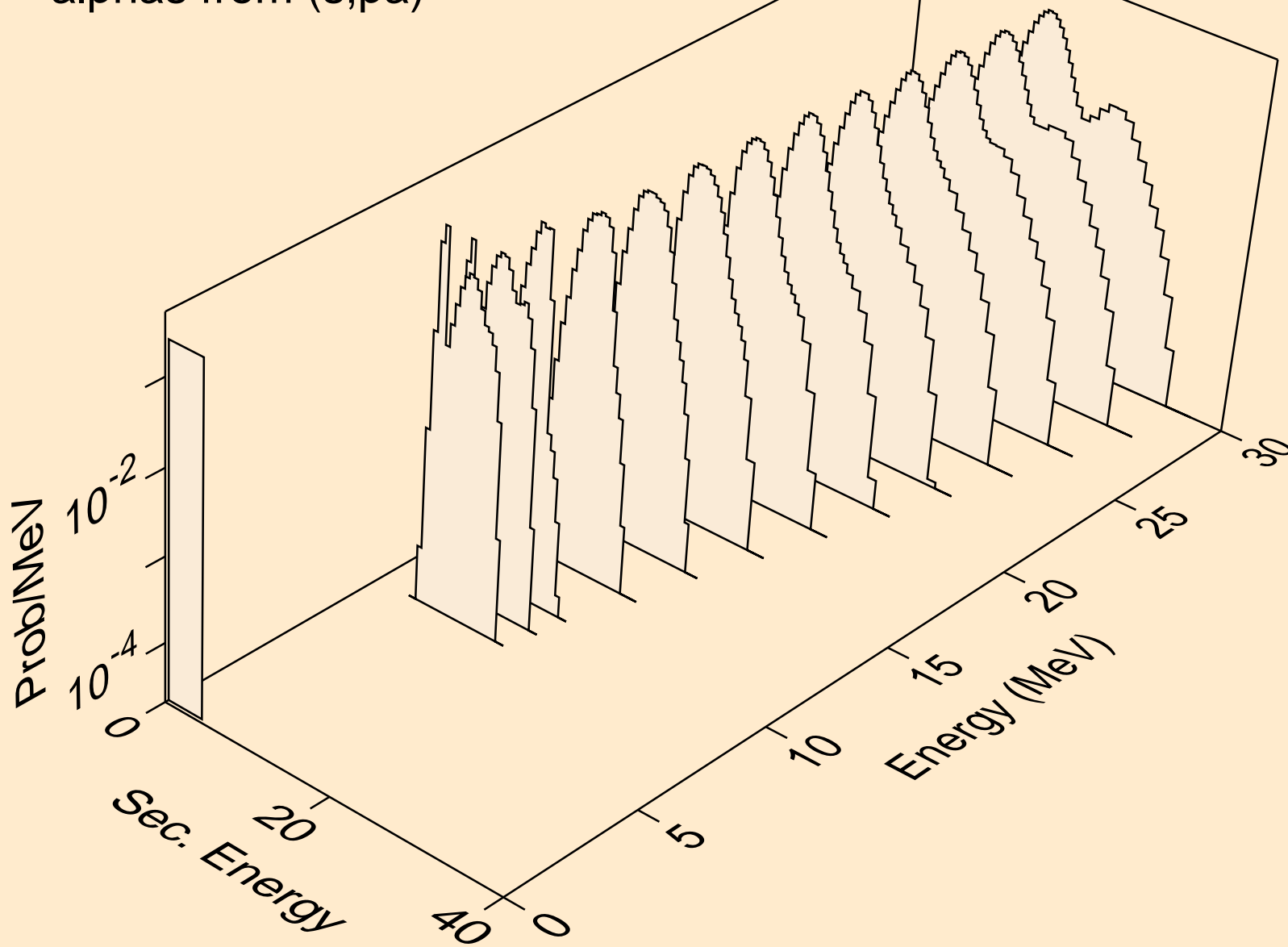
PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PR148 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

