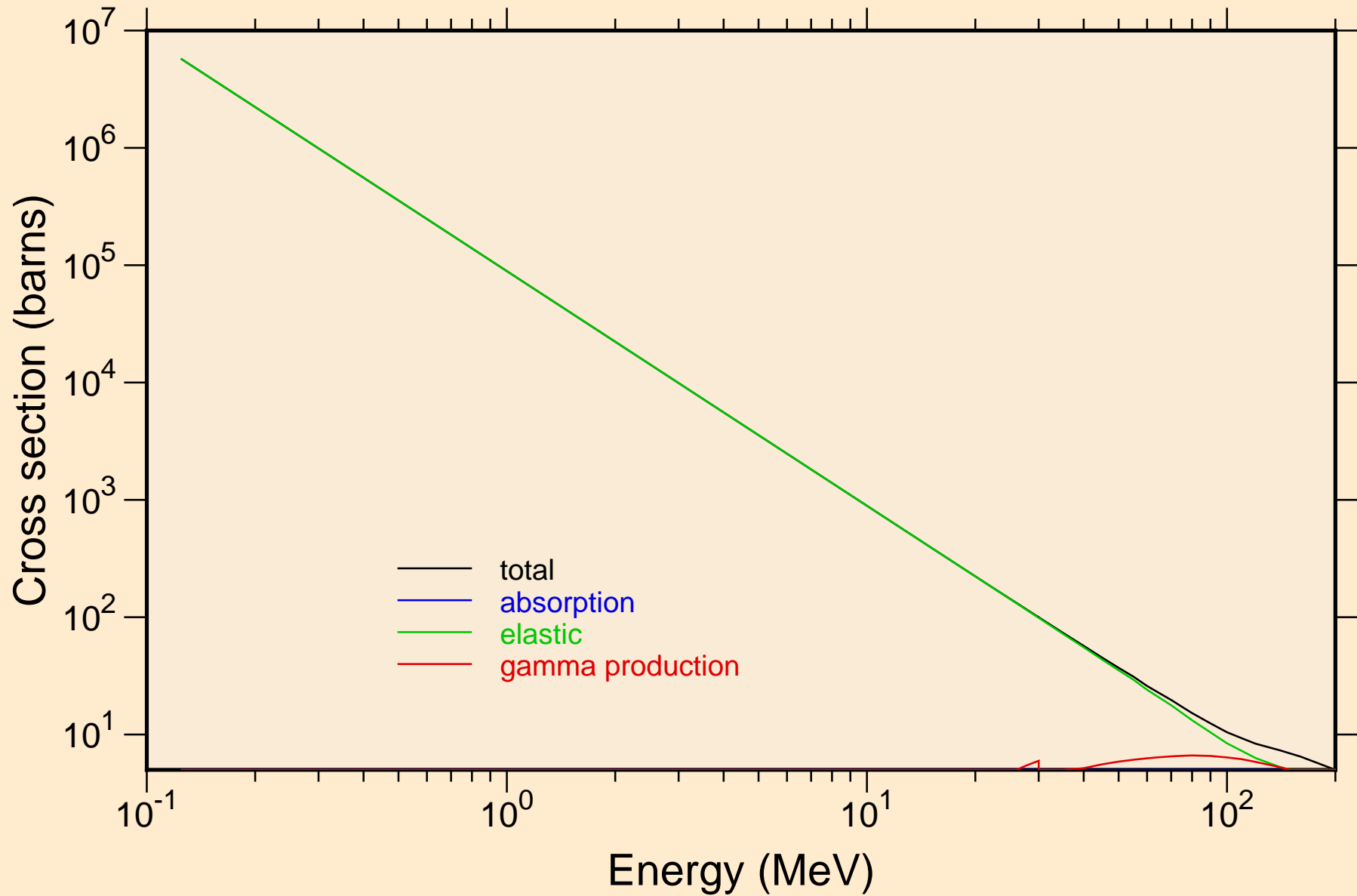
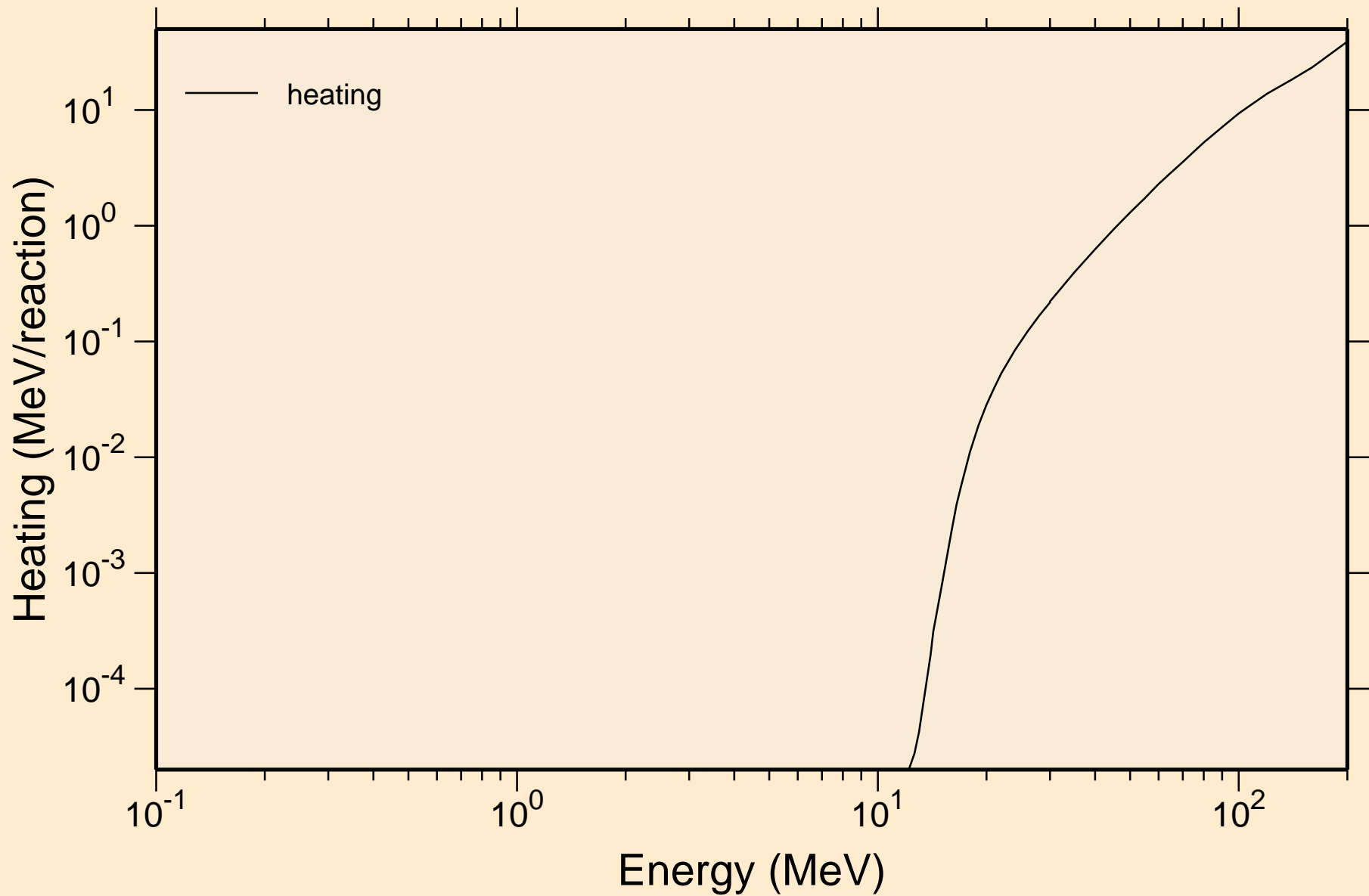


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



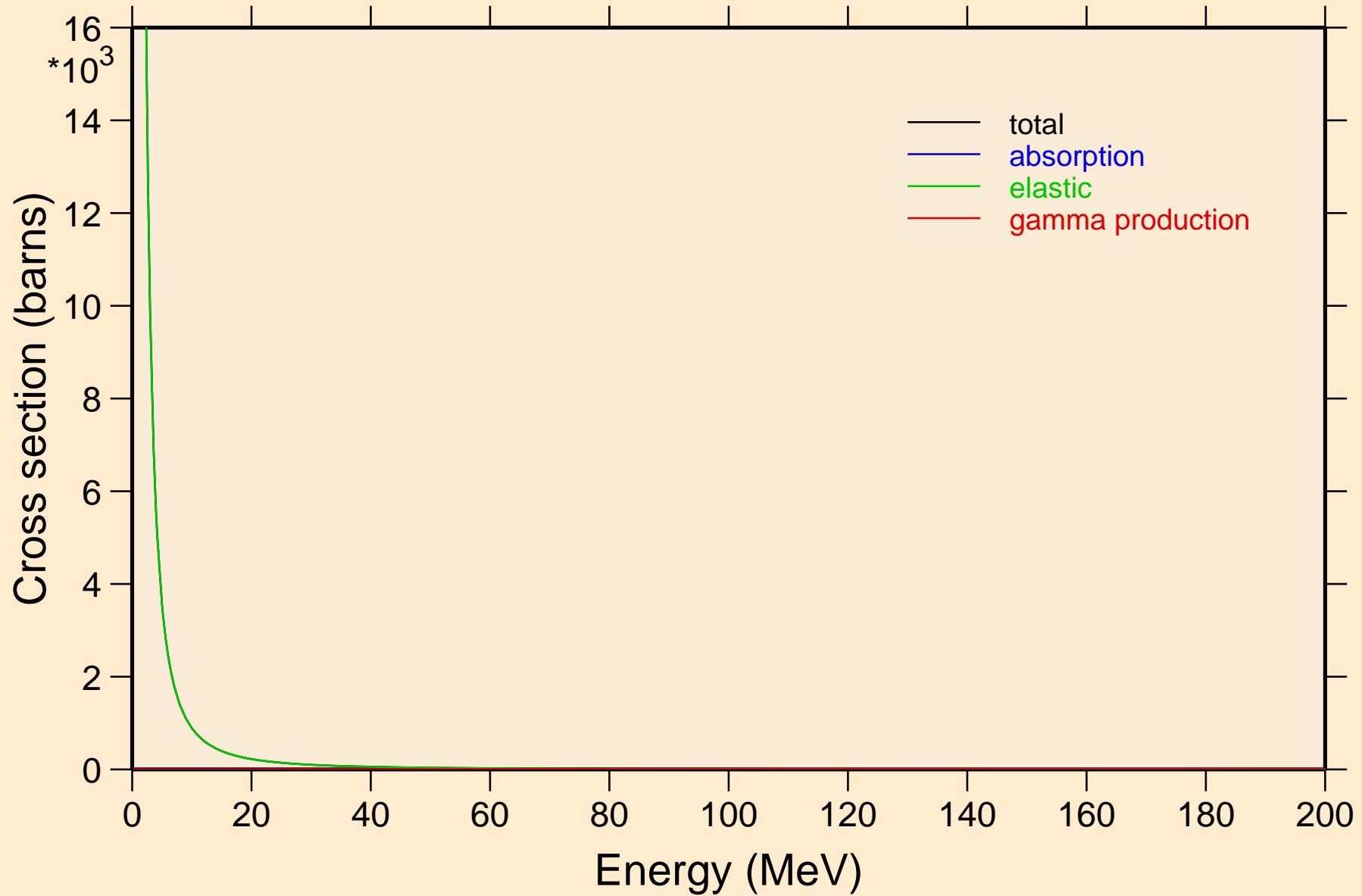
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



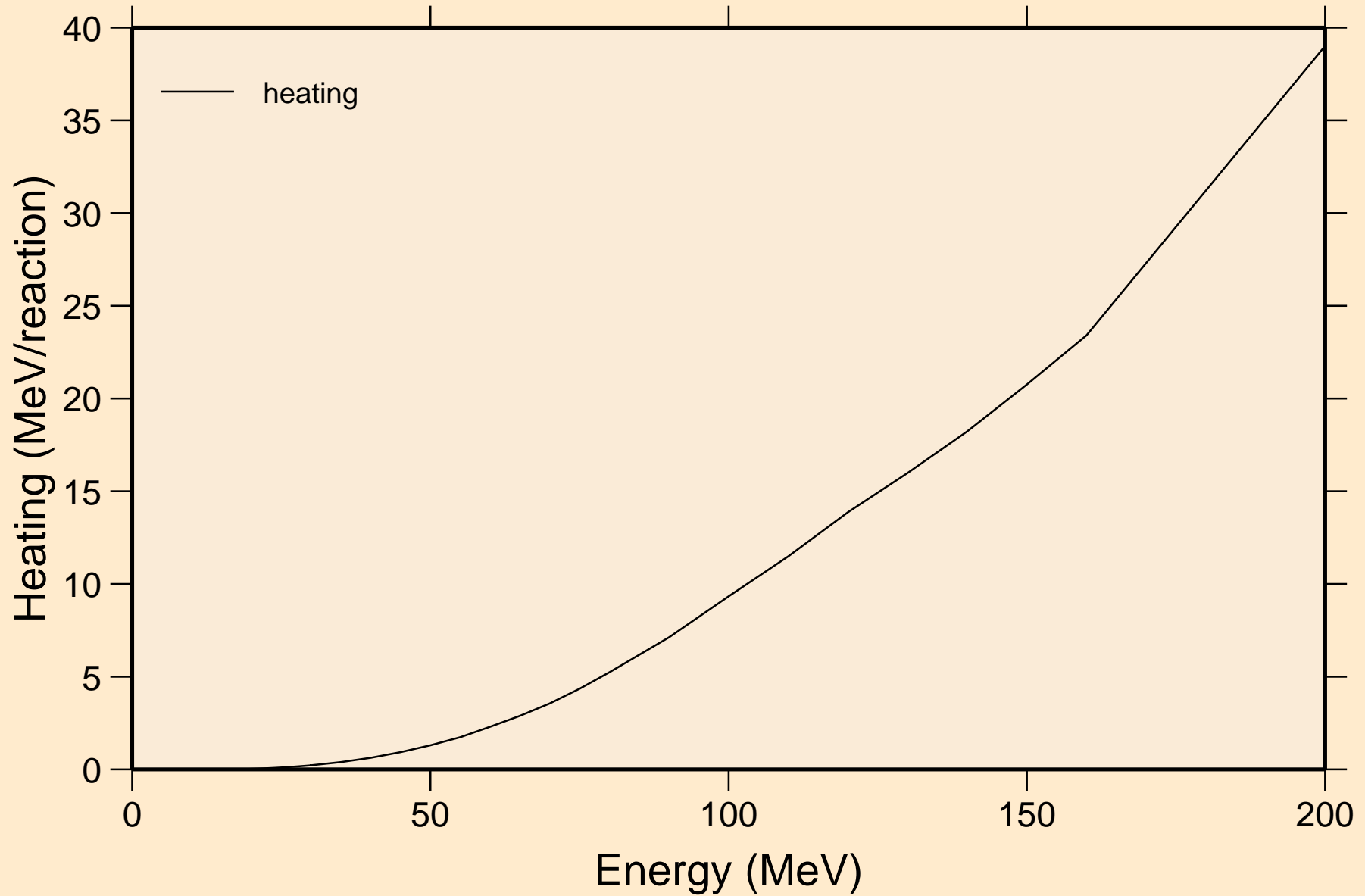
# PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

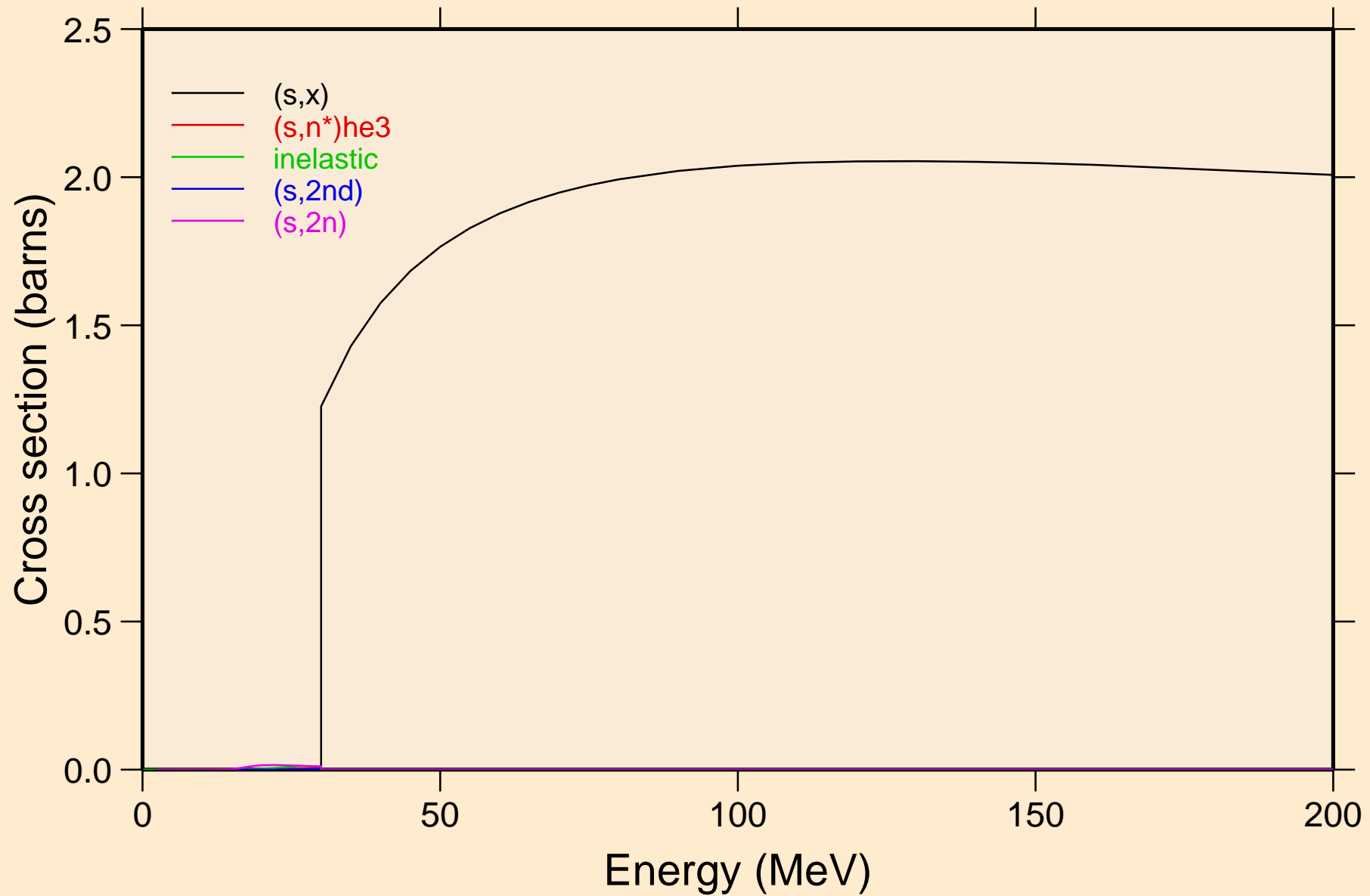


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K

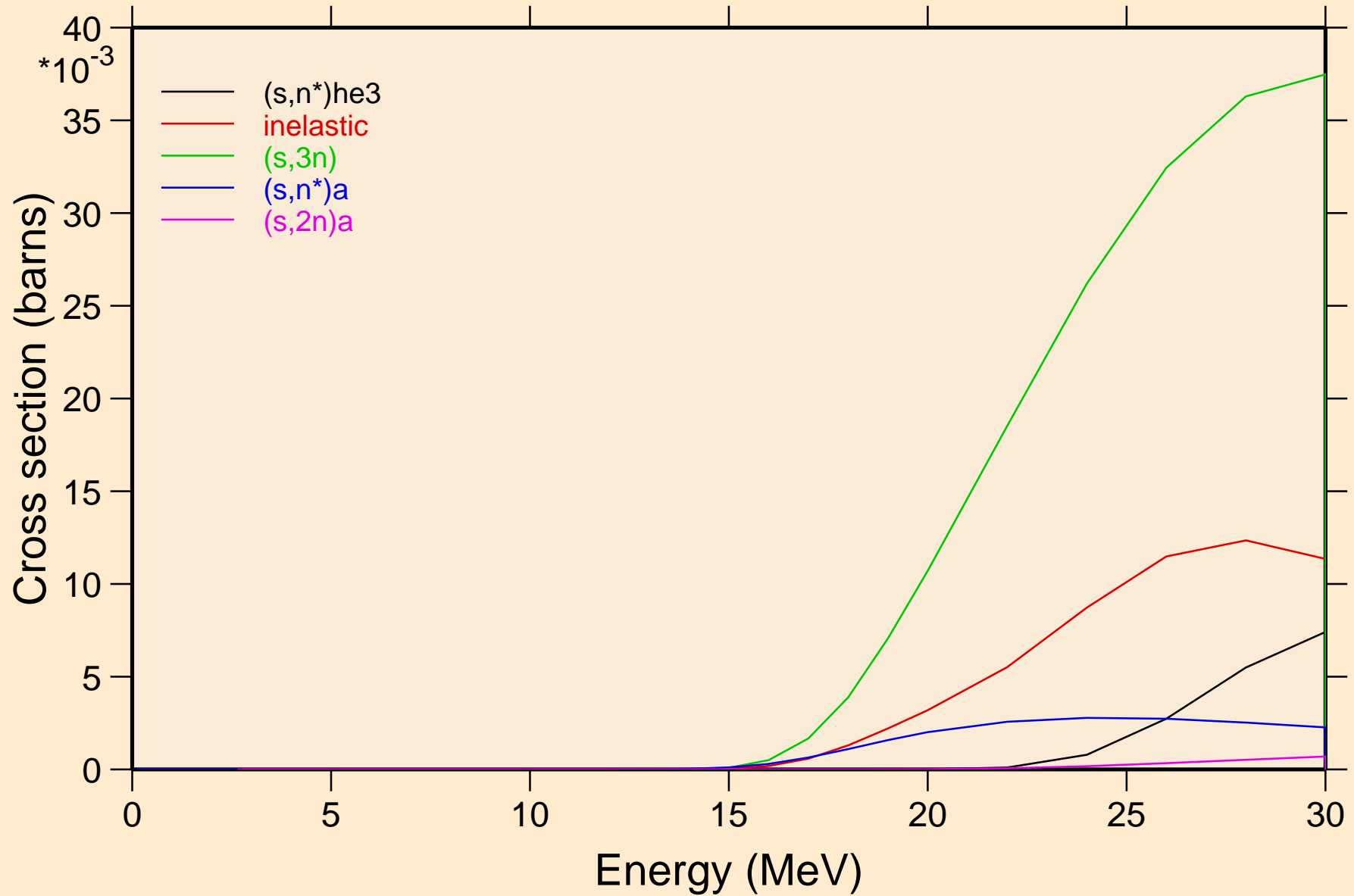
Heating



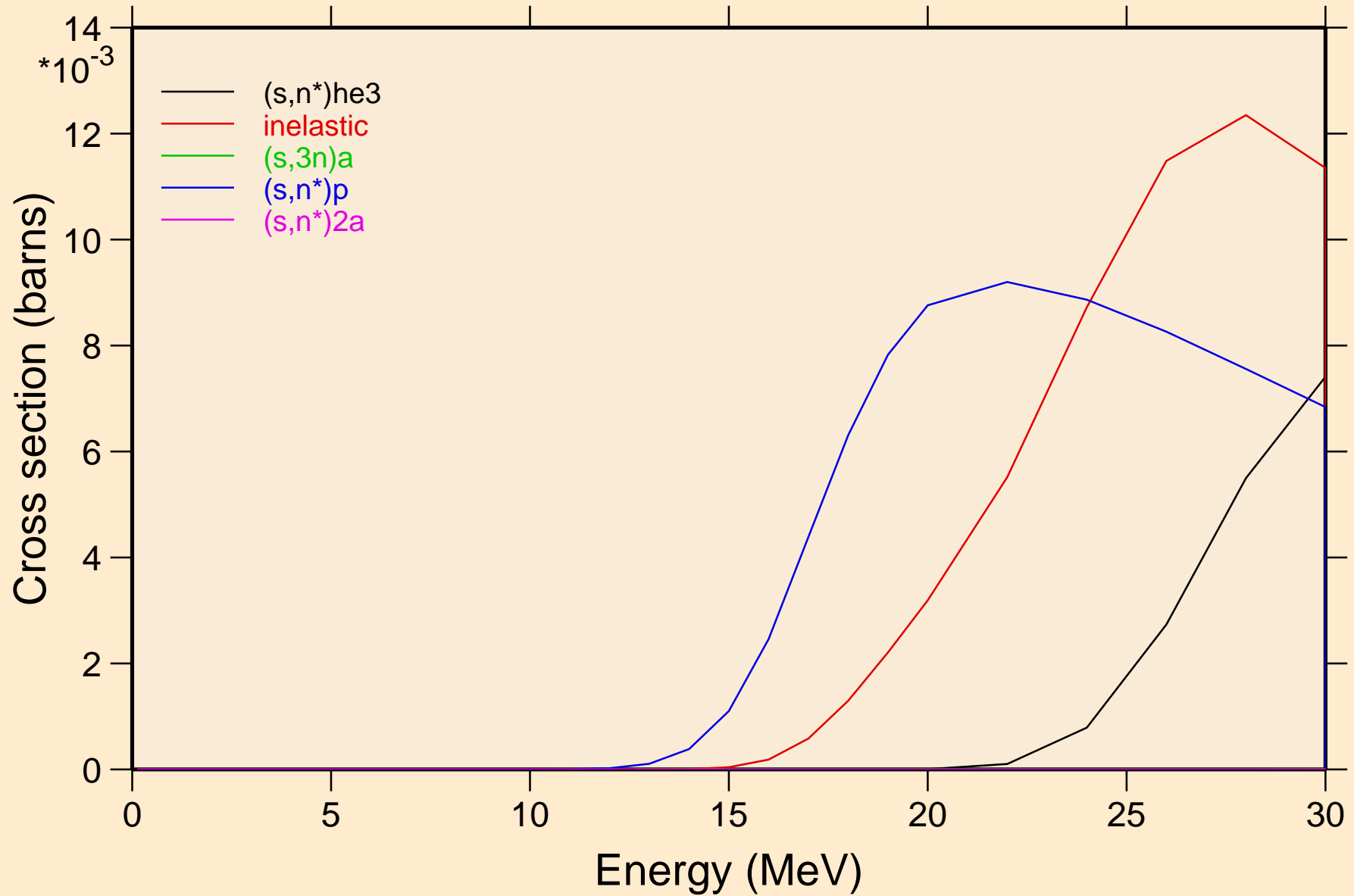
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



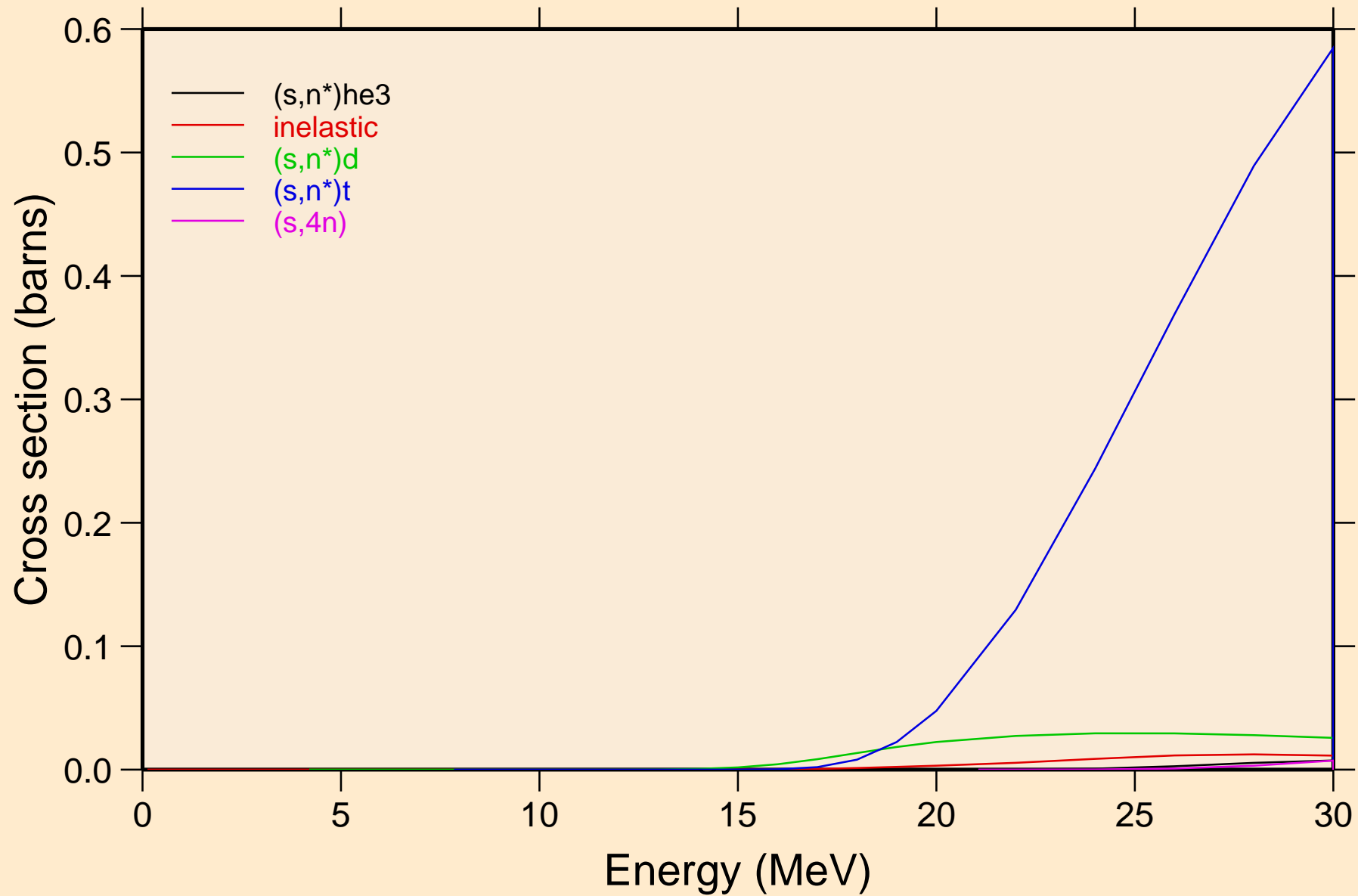
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

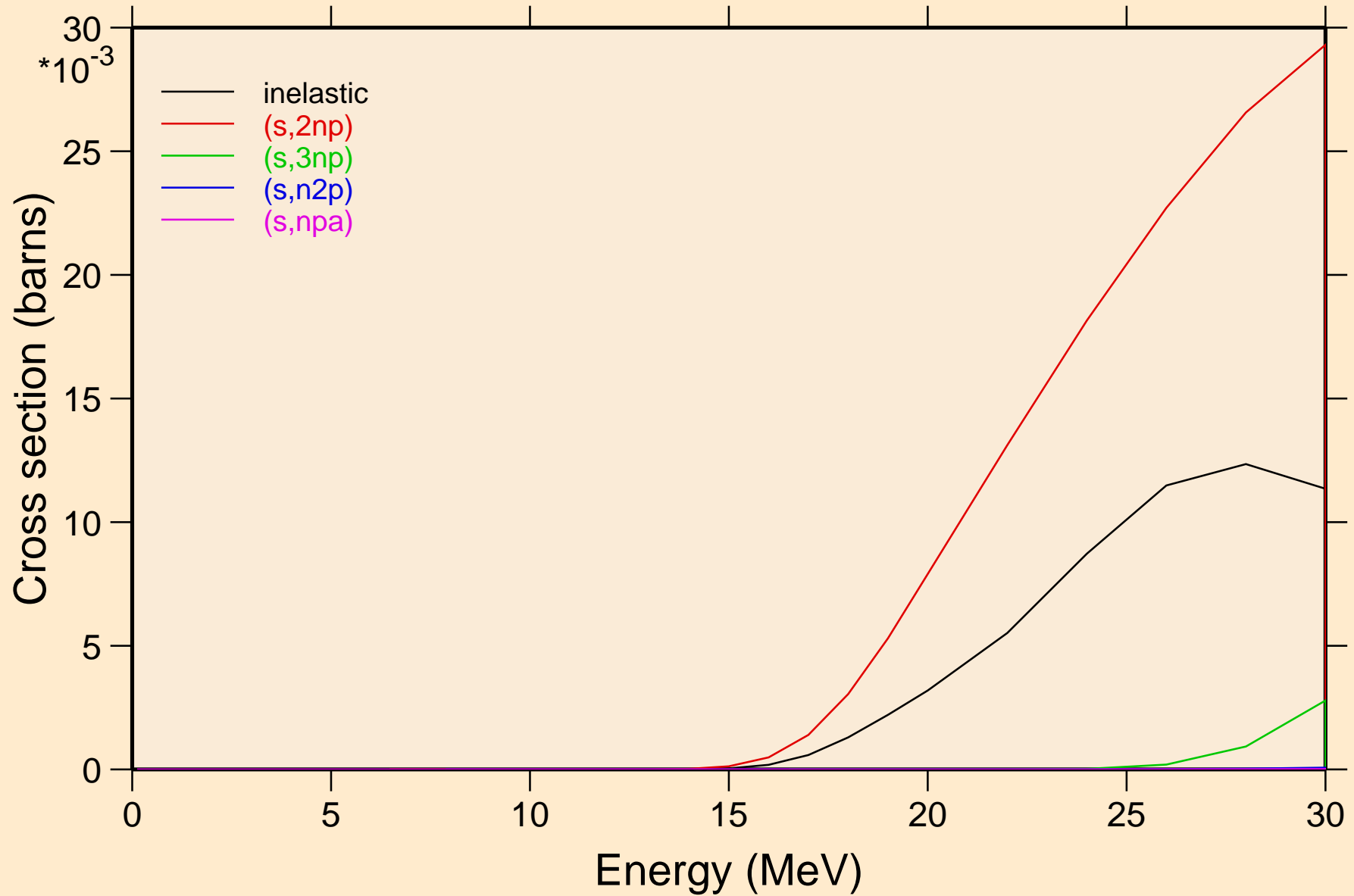


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

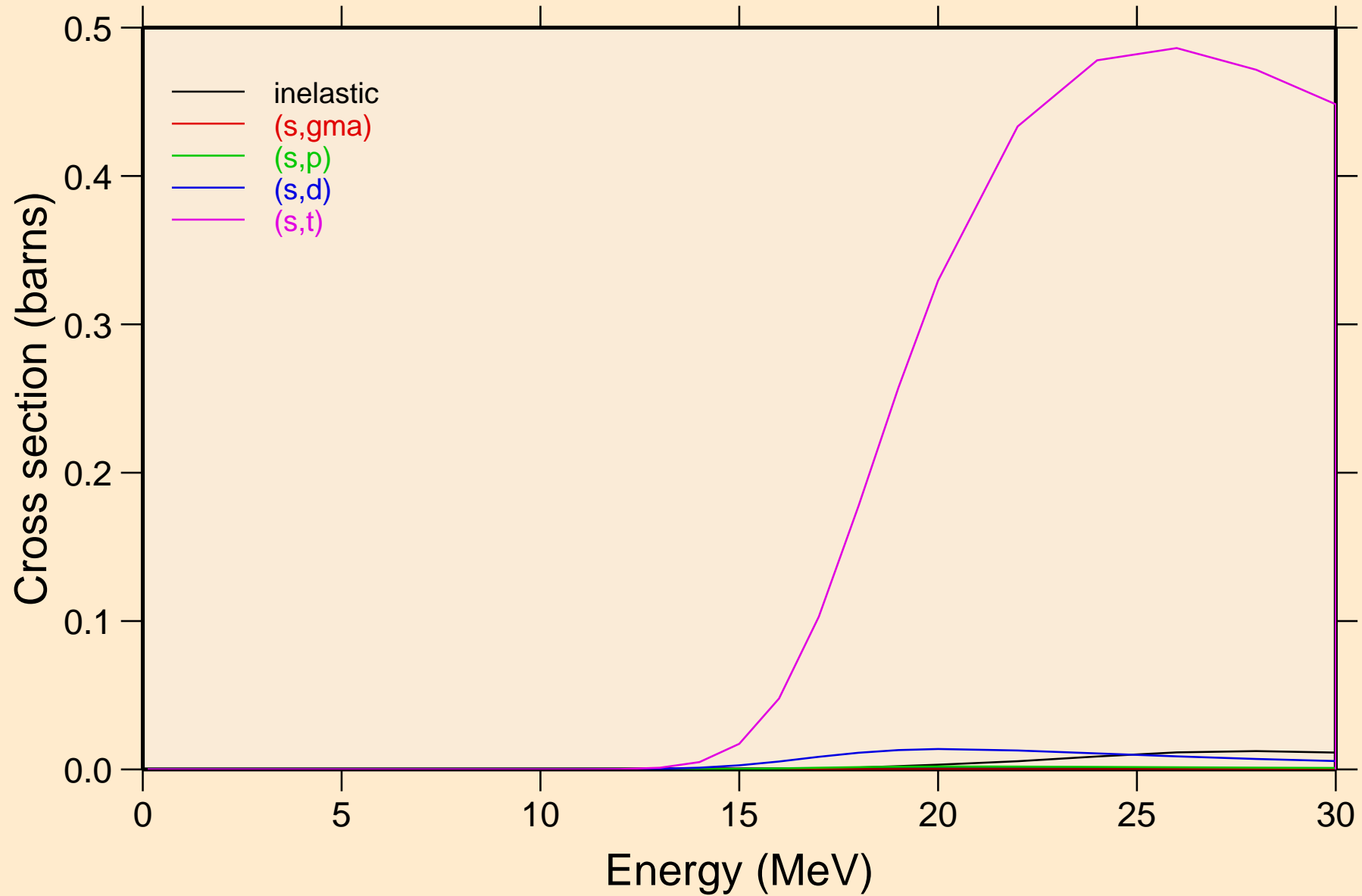




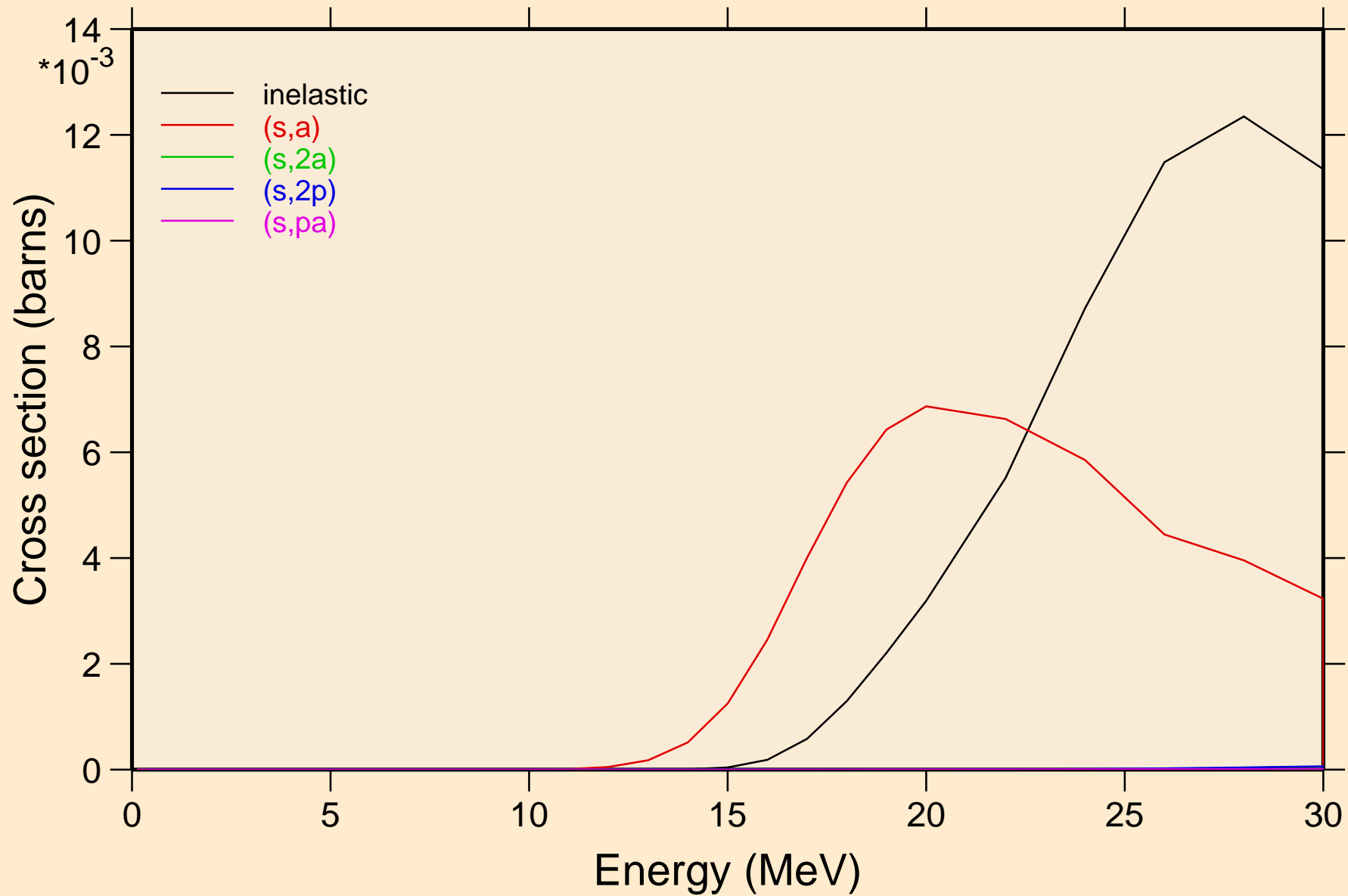
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



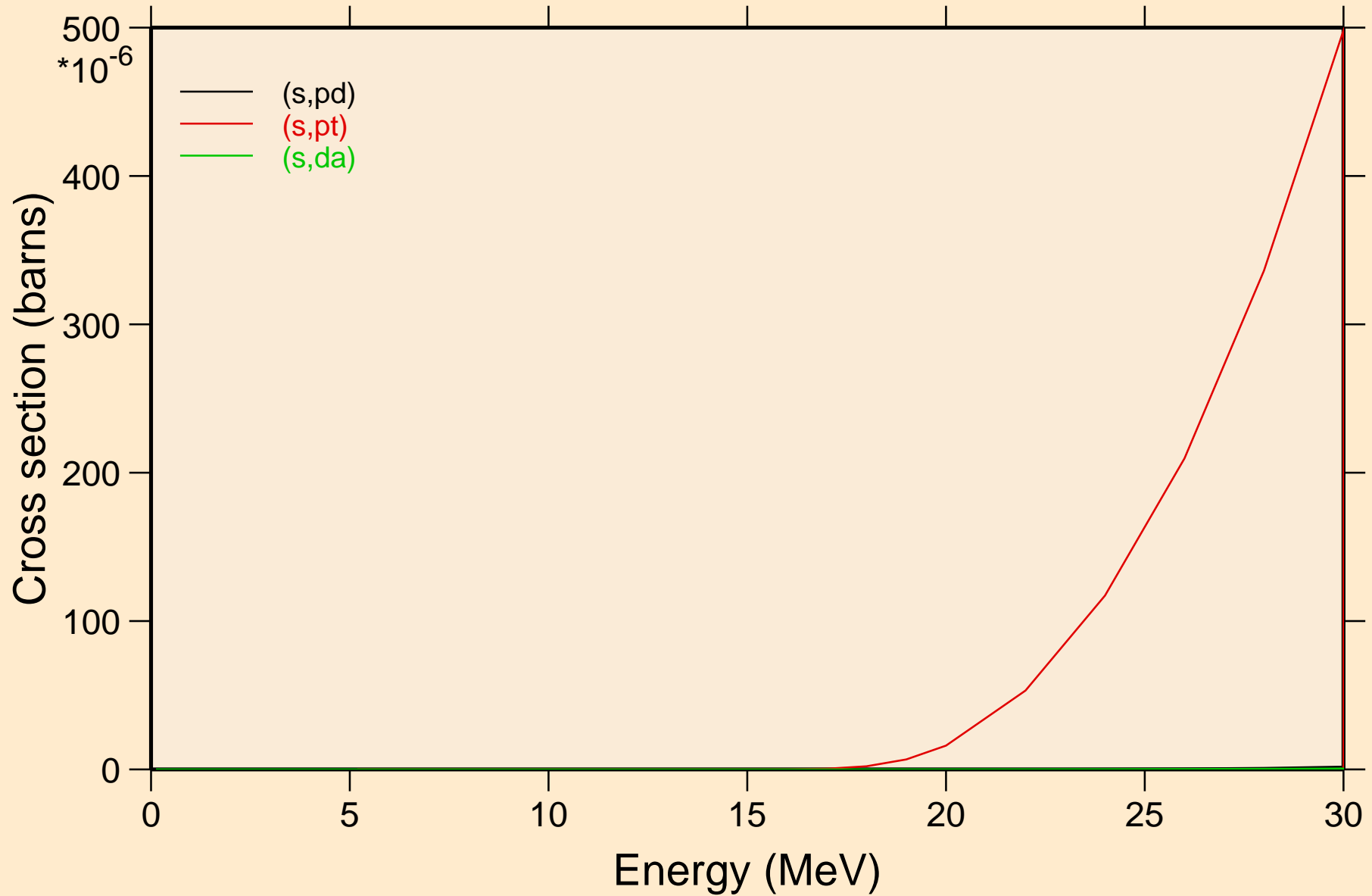
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



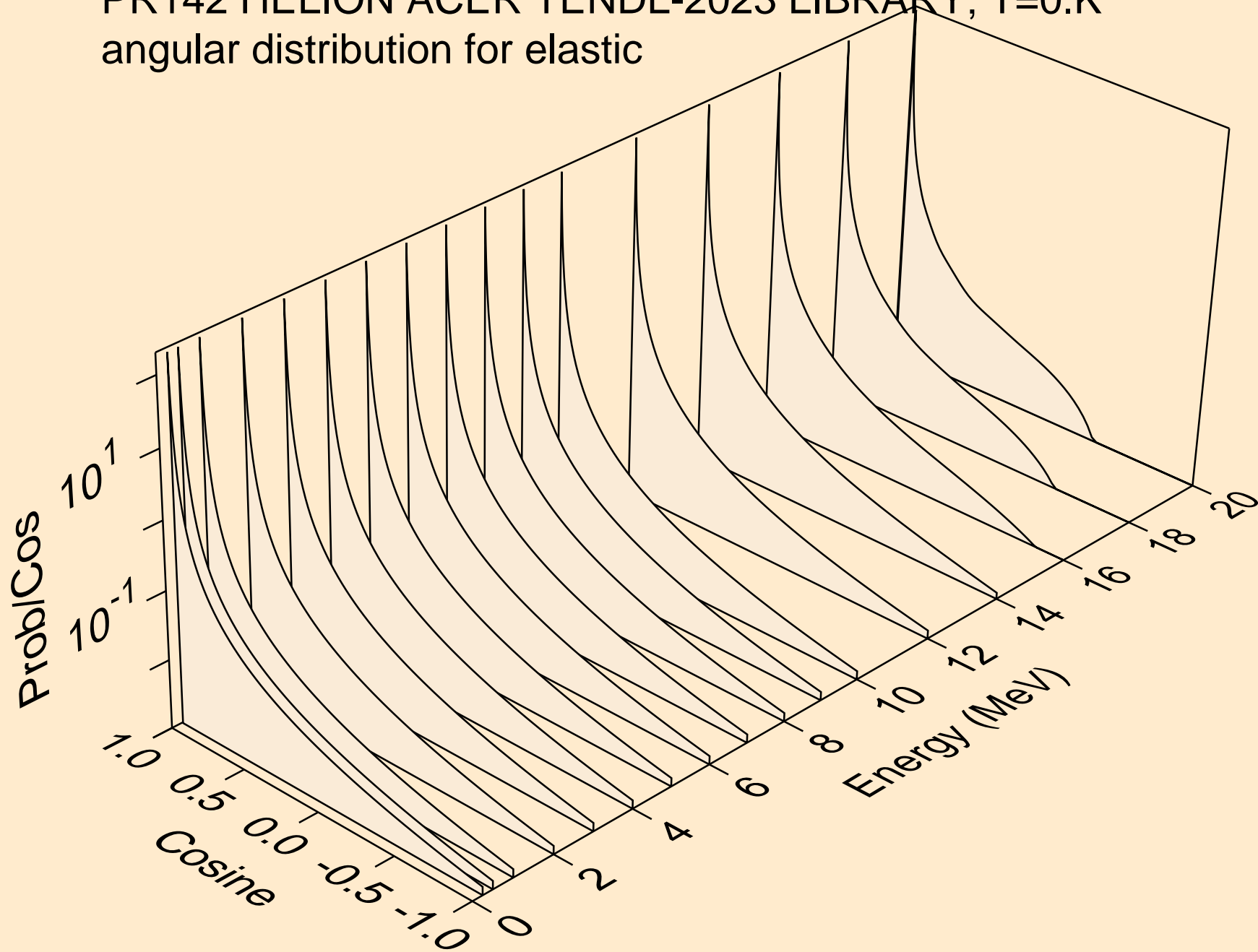
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



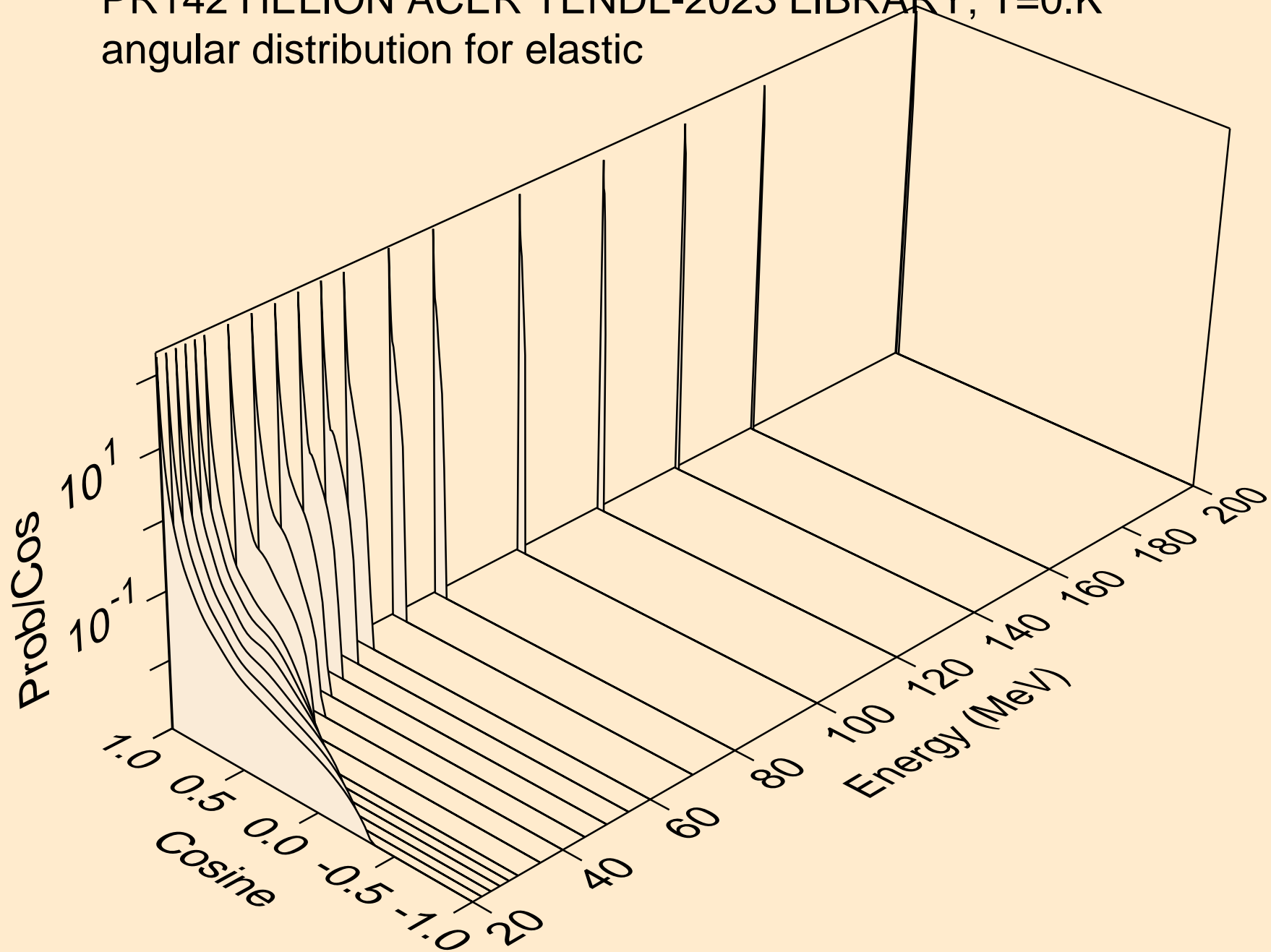
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



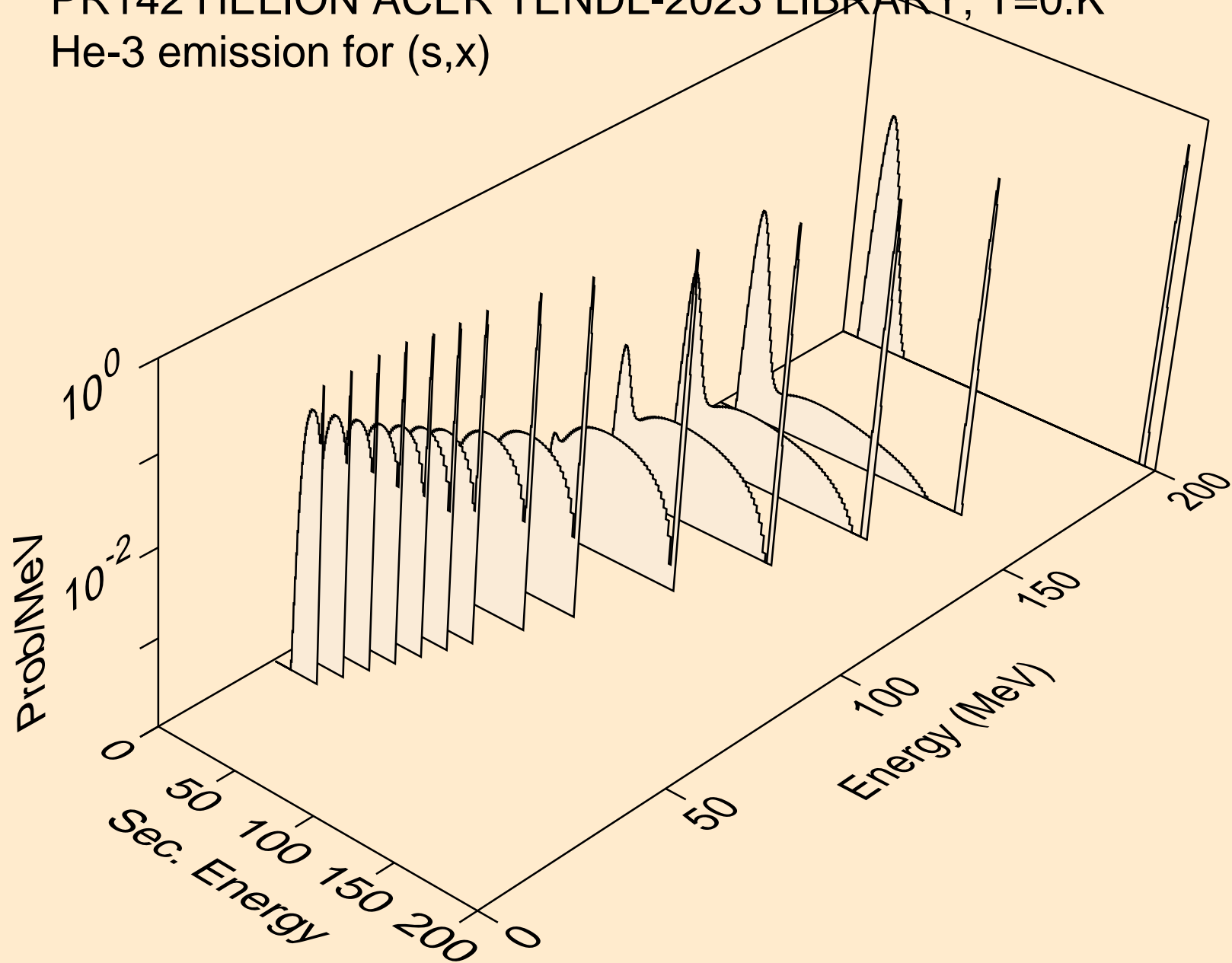
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



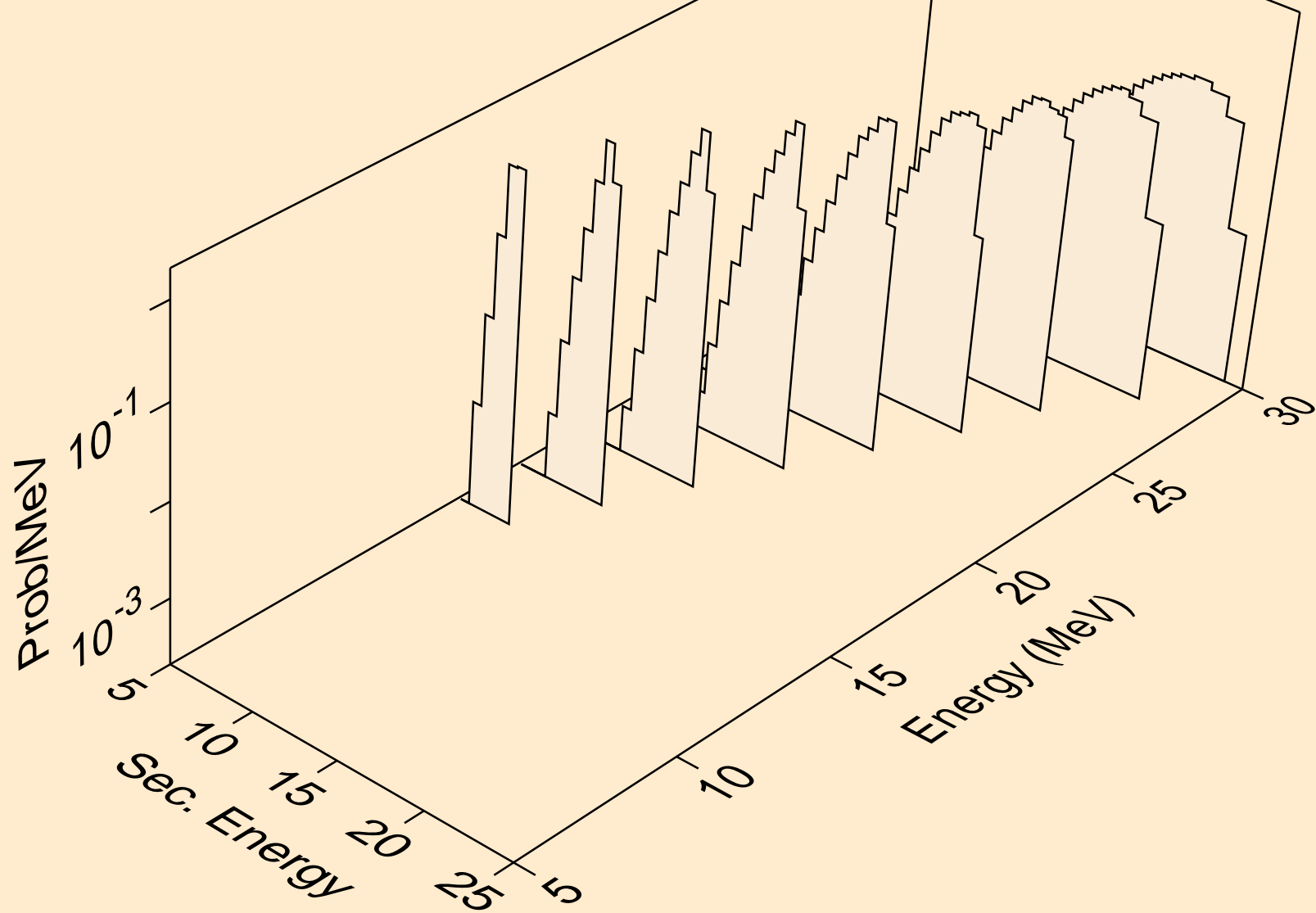
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

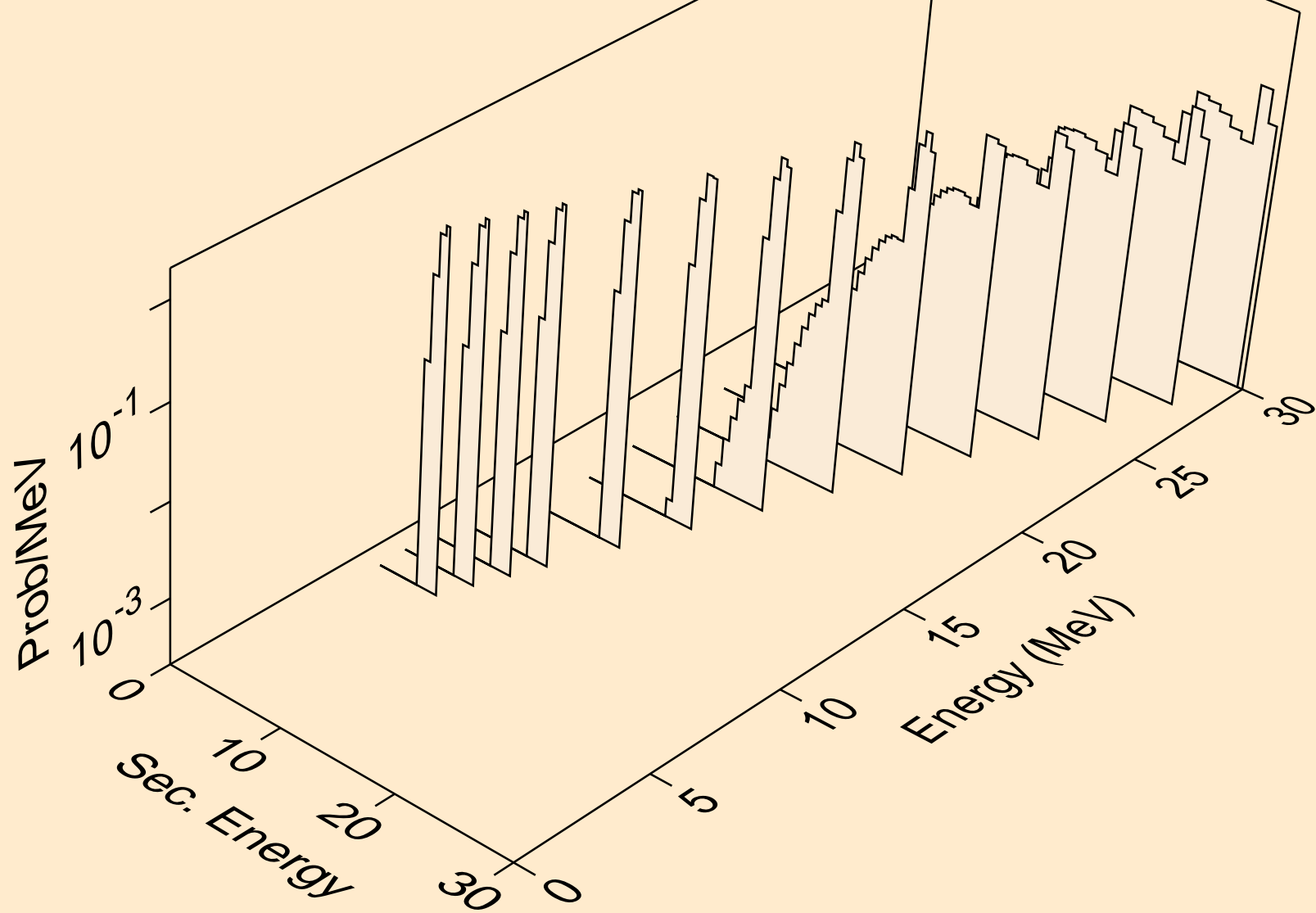


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

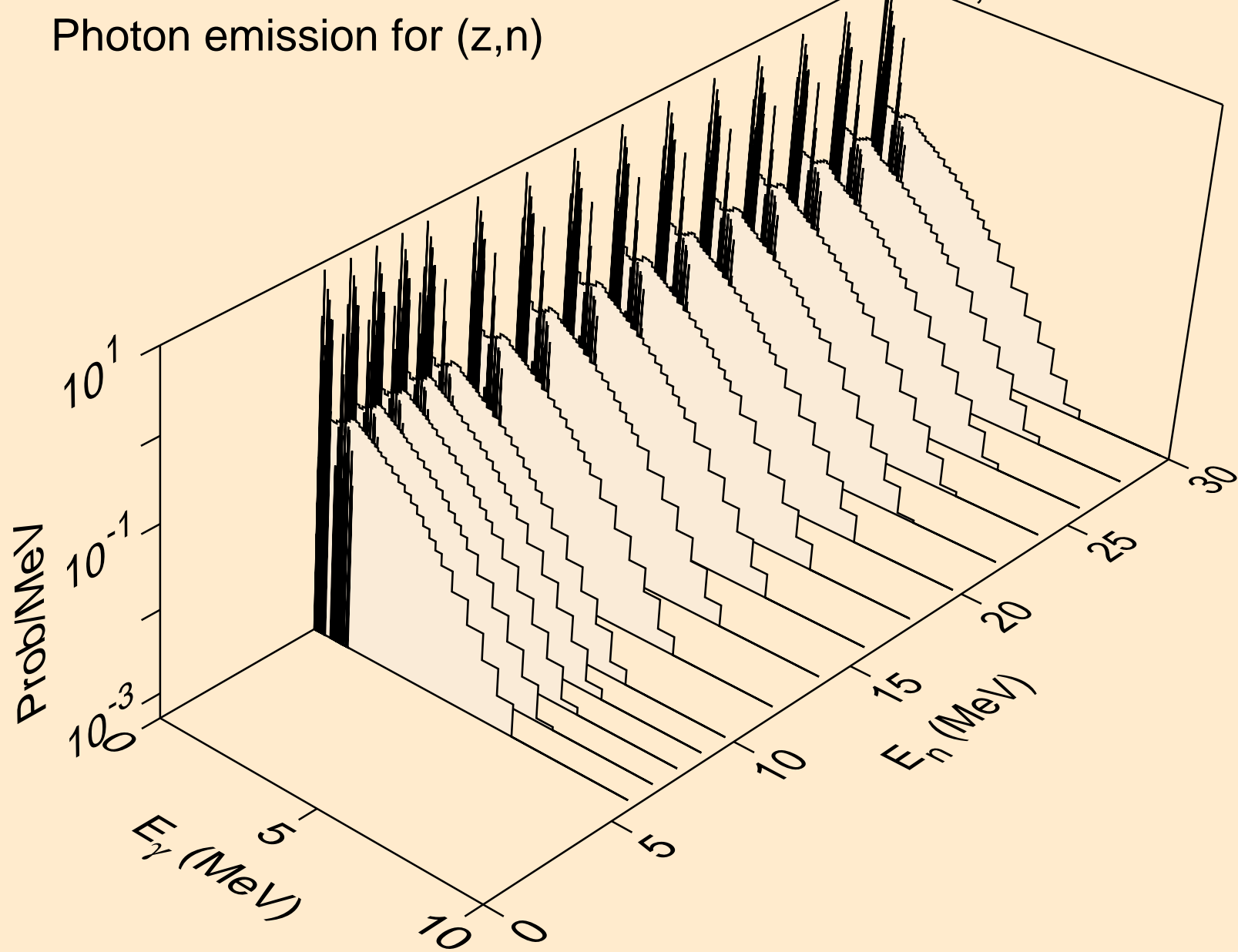




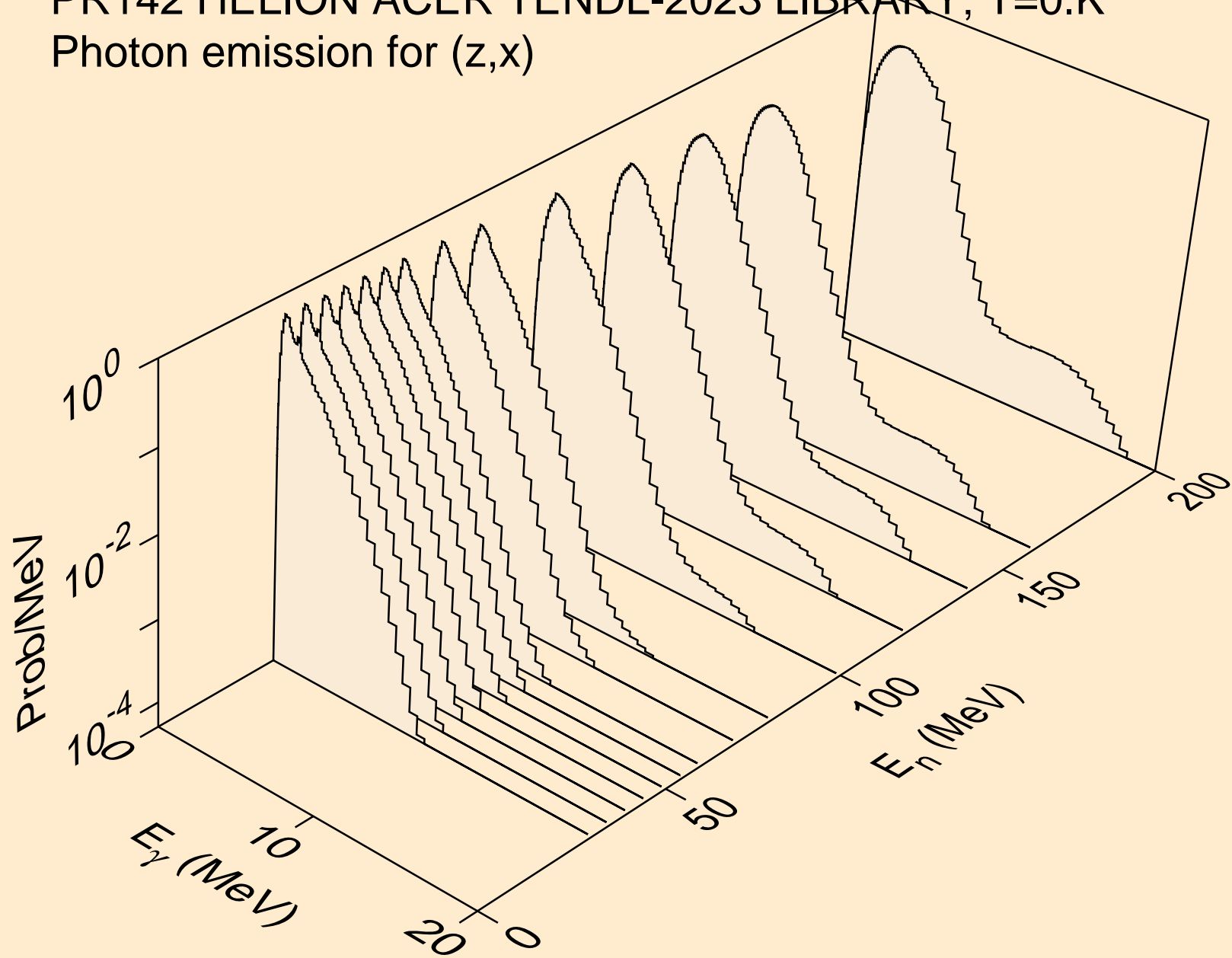
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



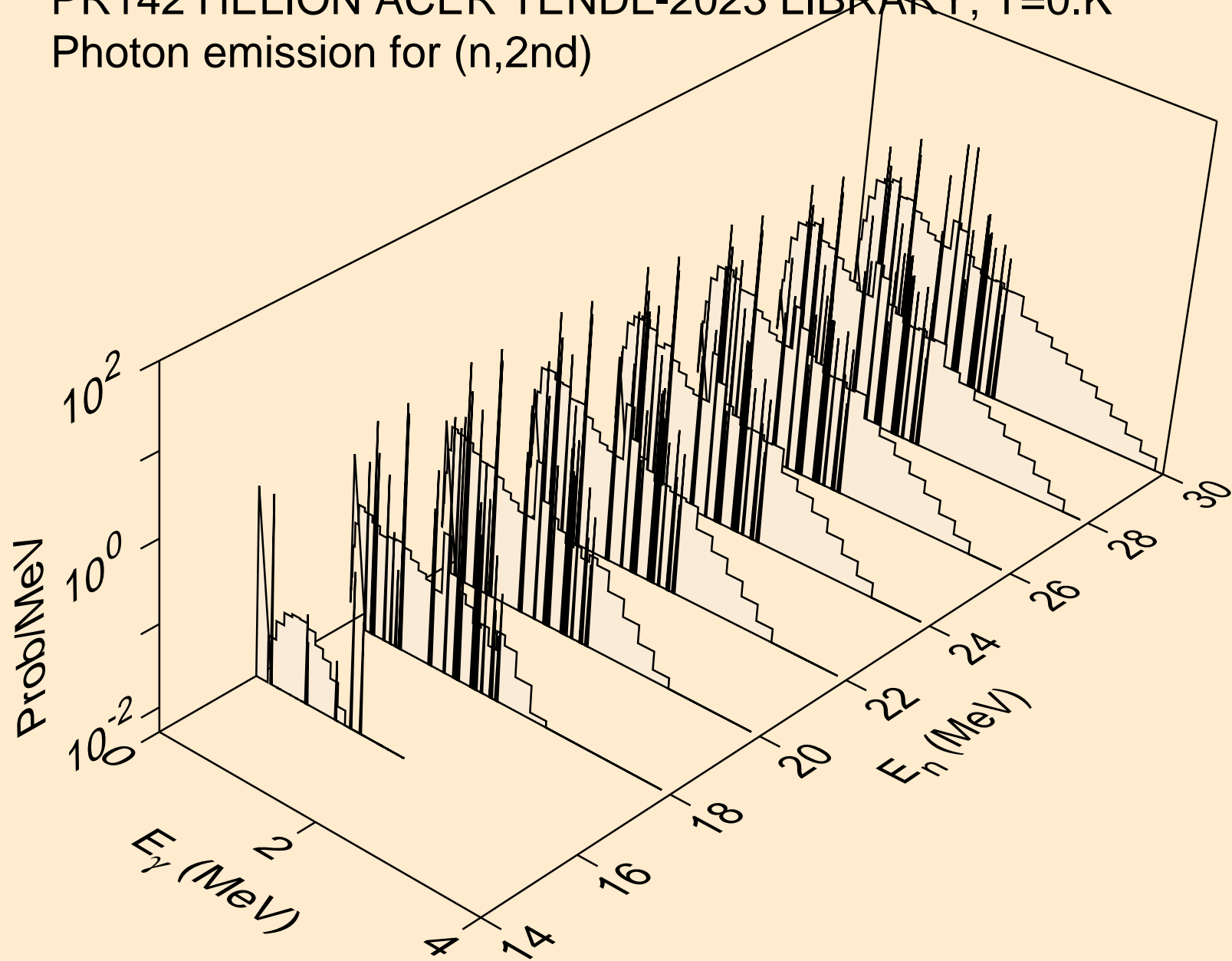
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



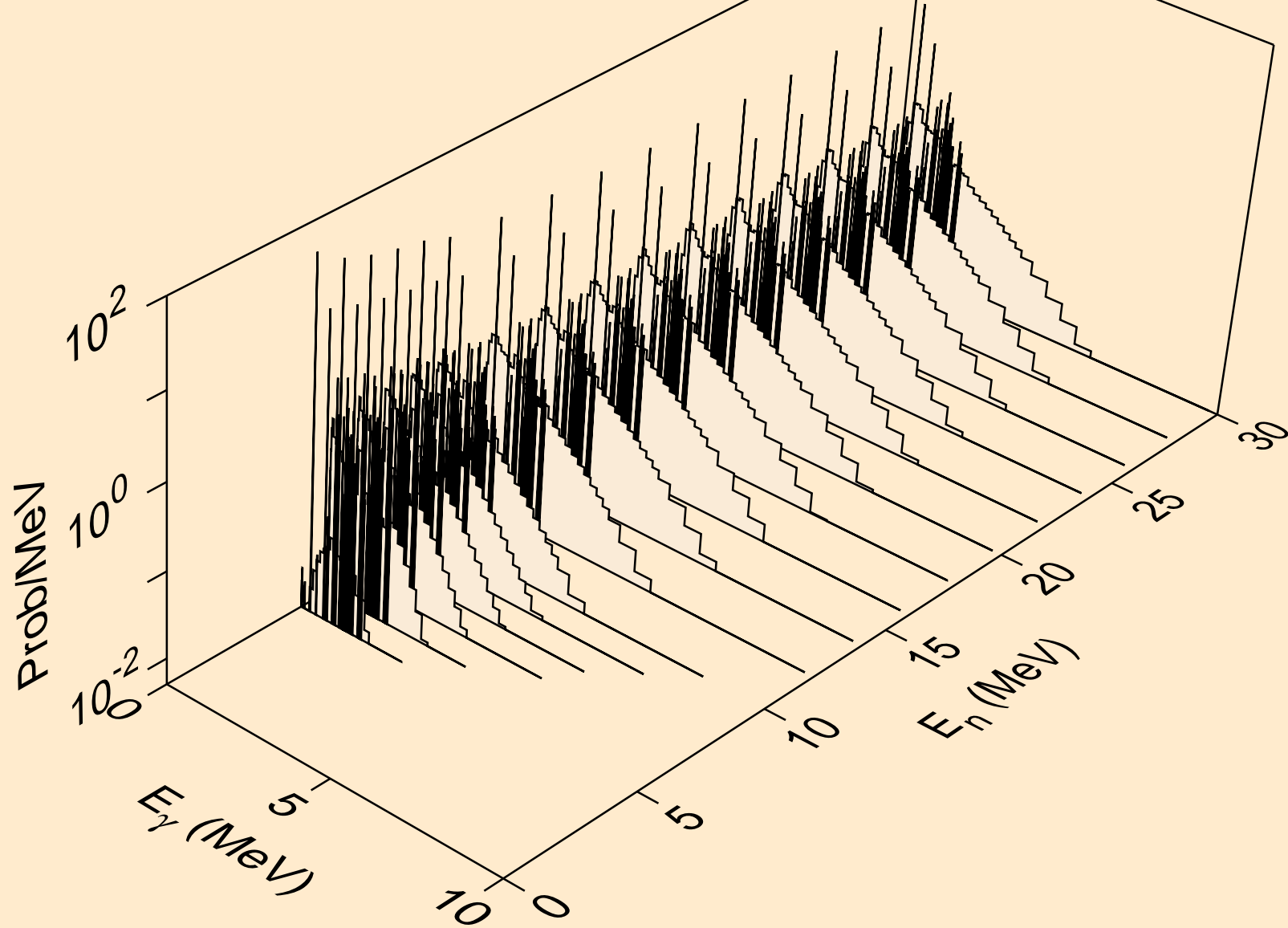
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



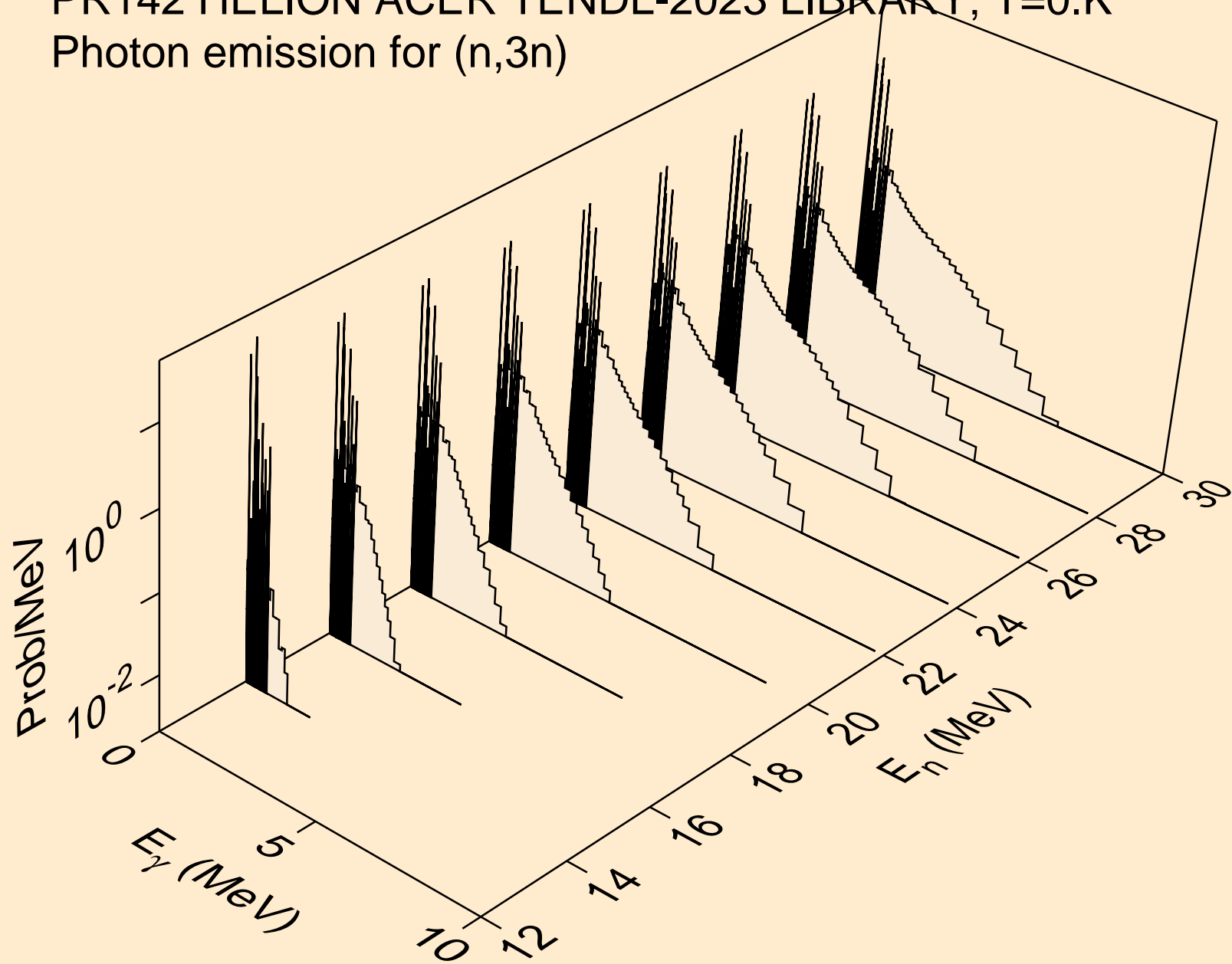
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



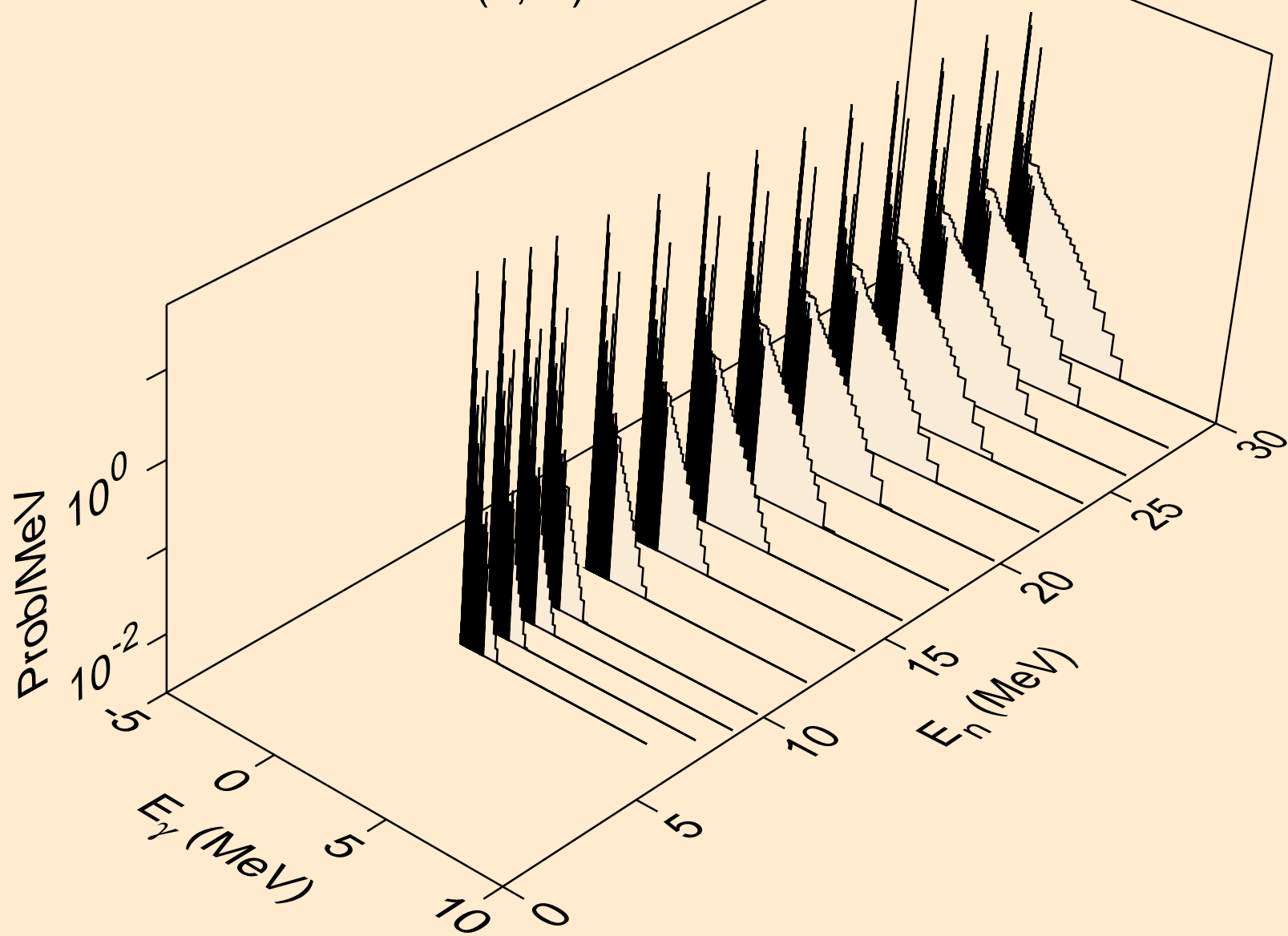
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



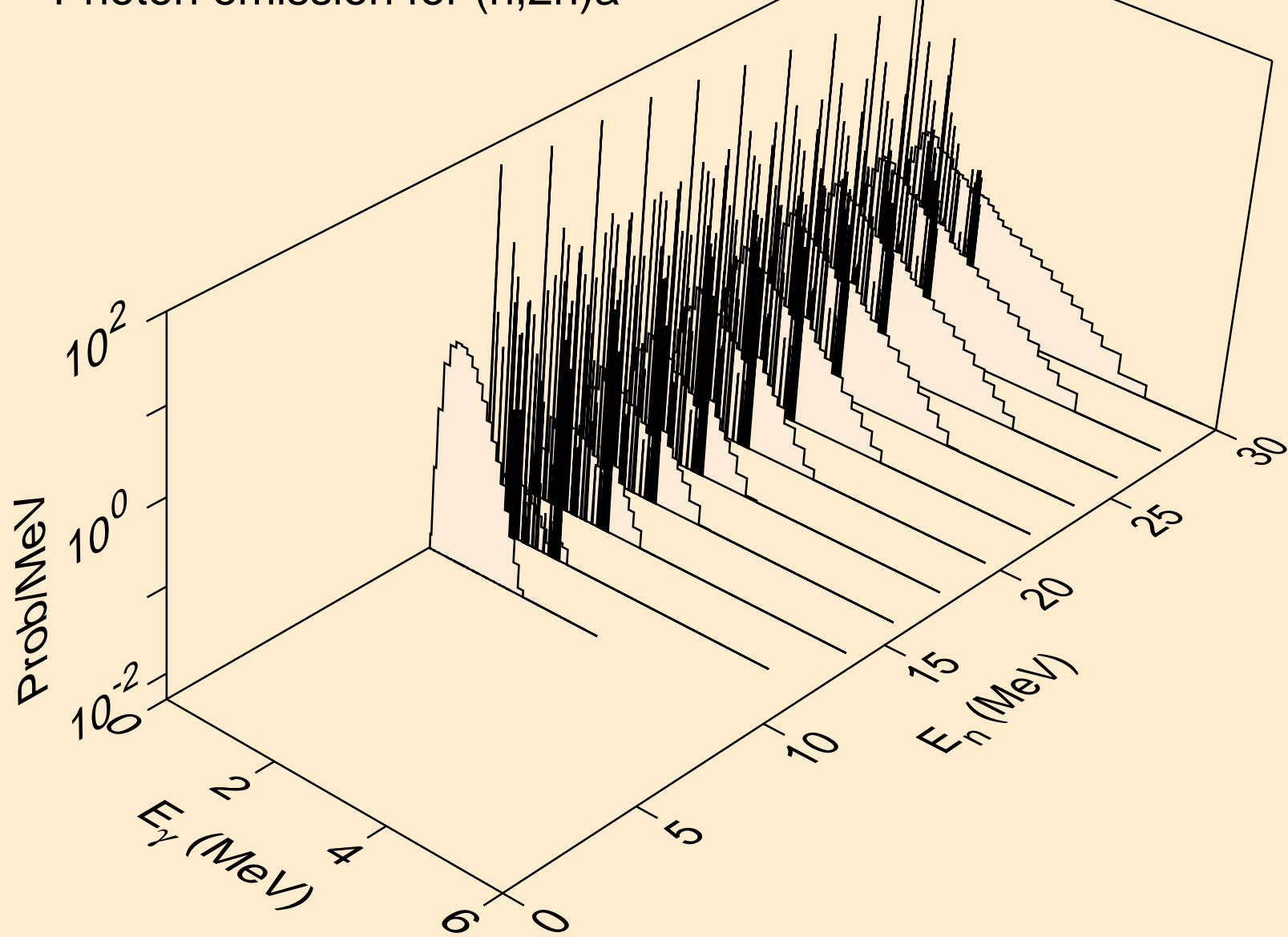
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

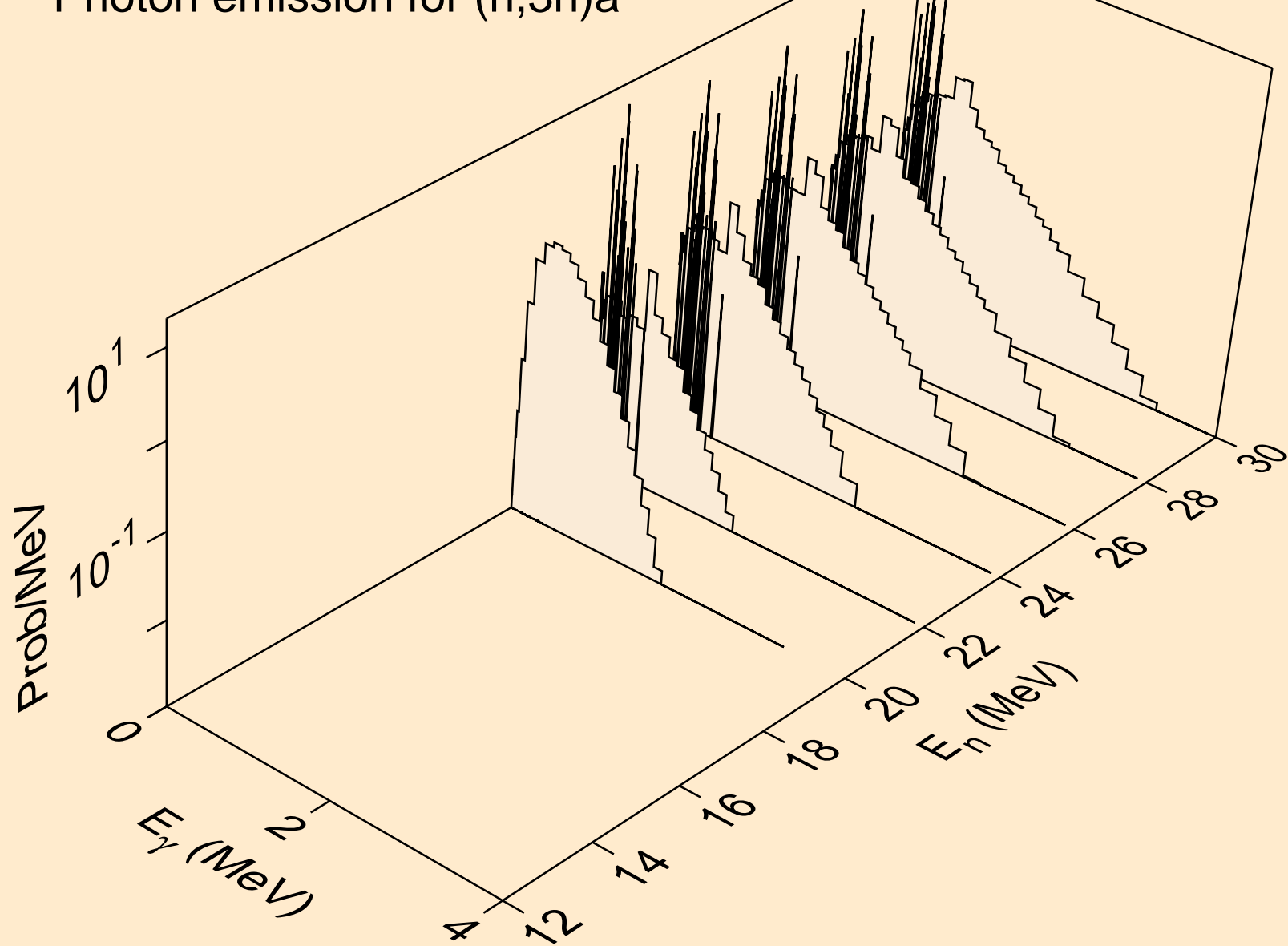


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

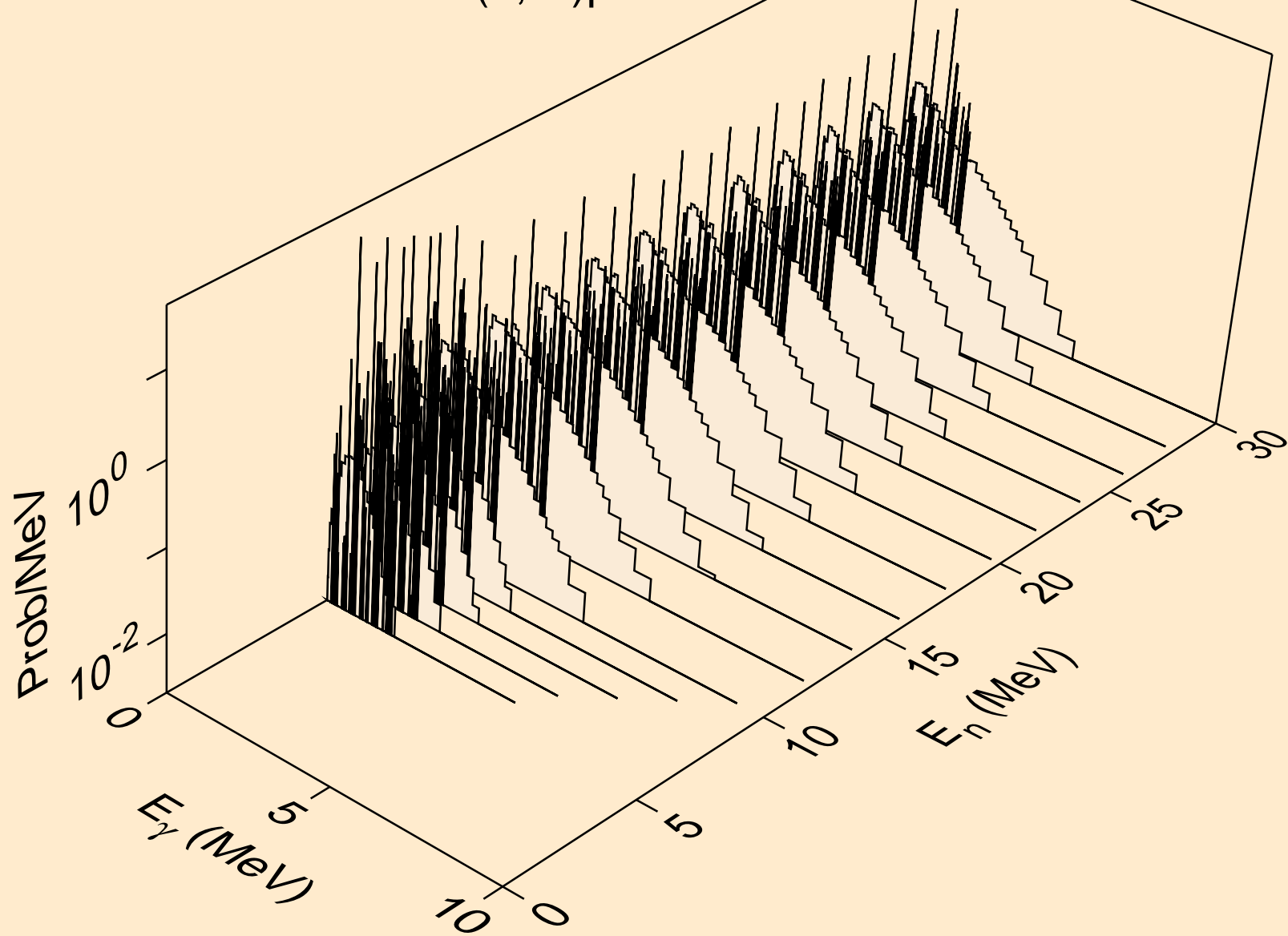




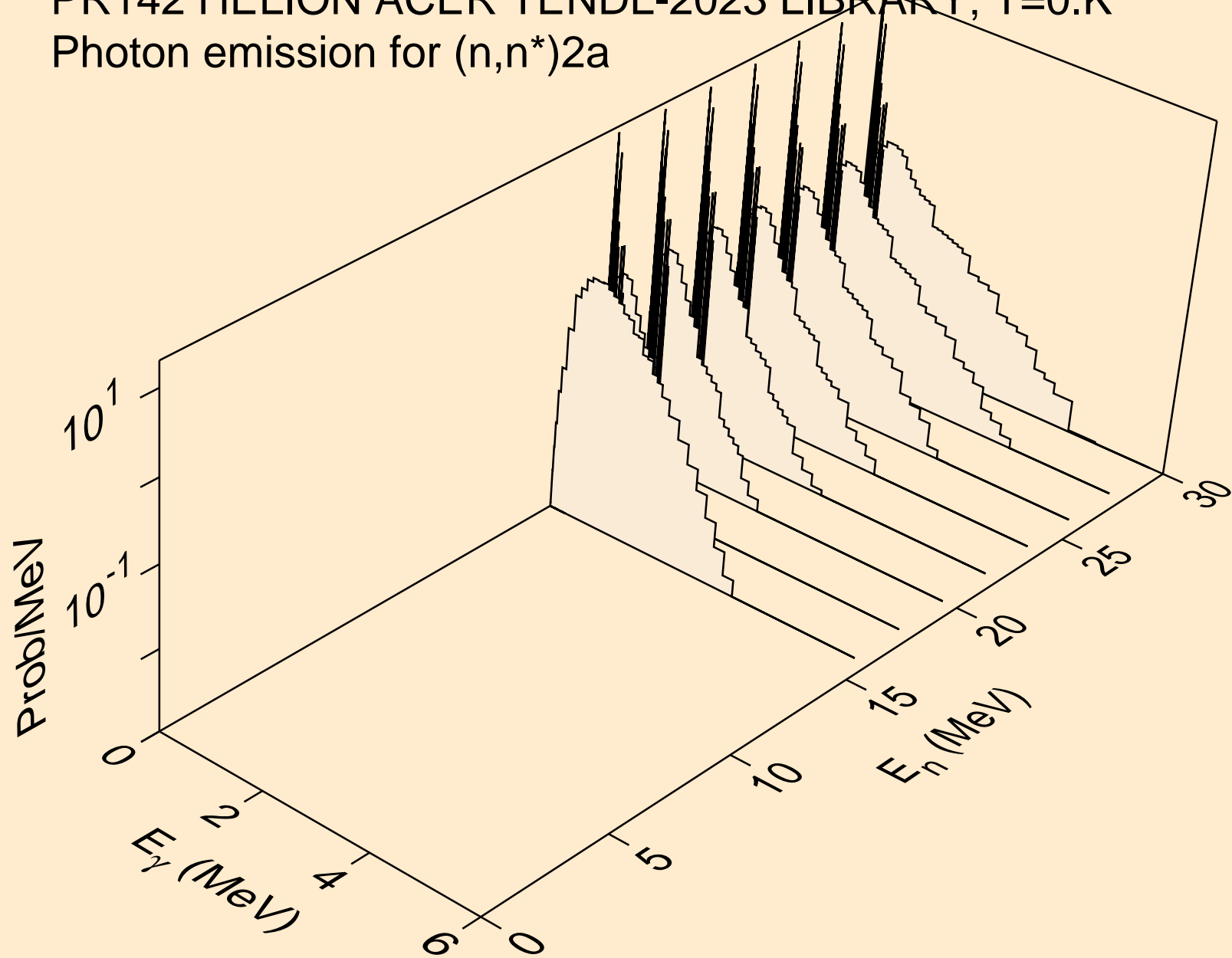
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



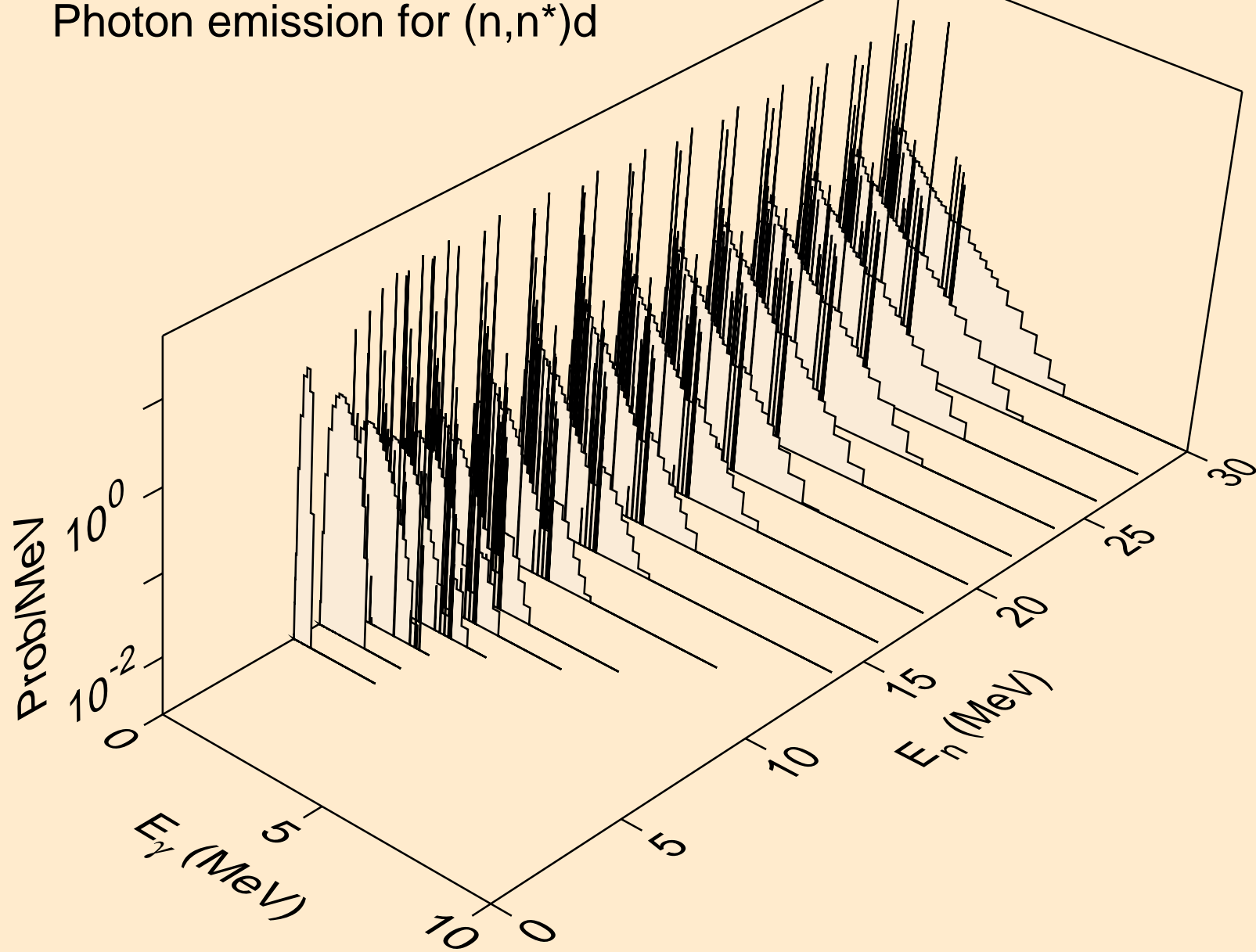
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



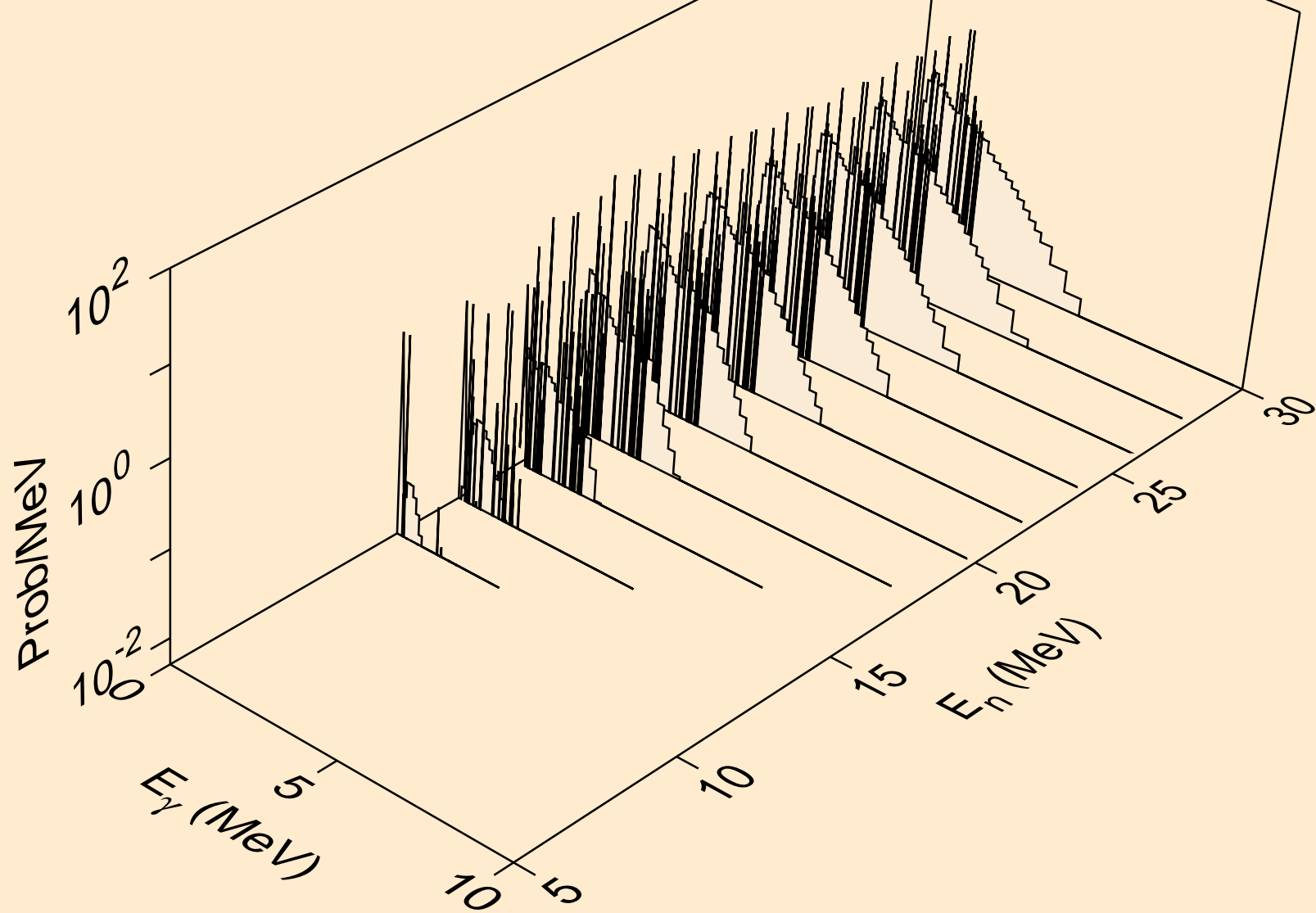
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



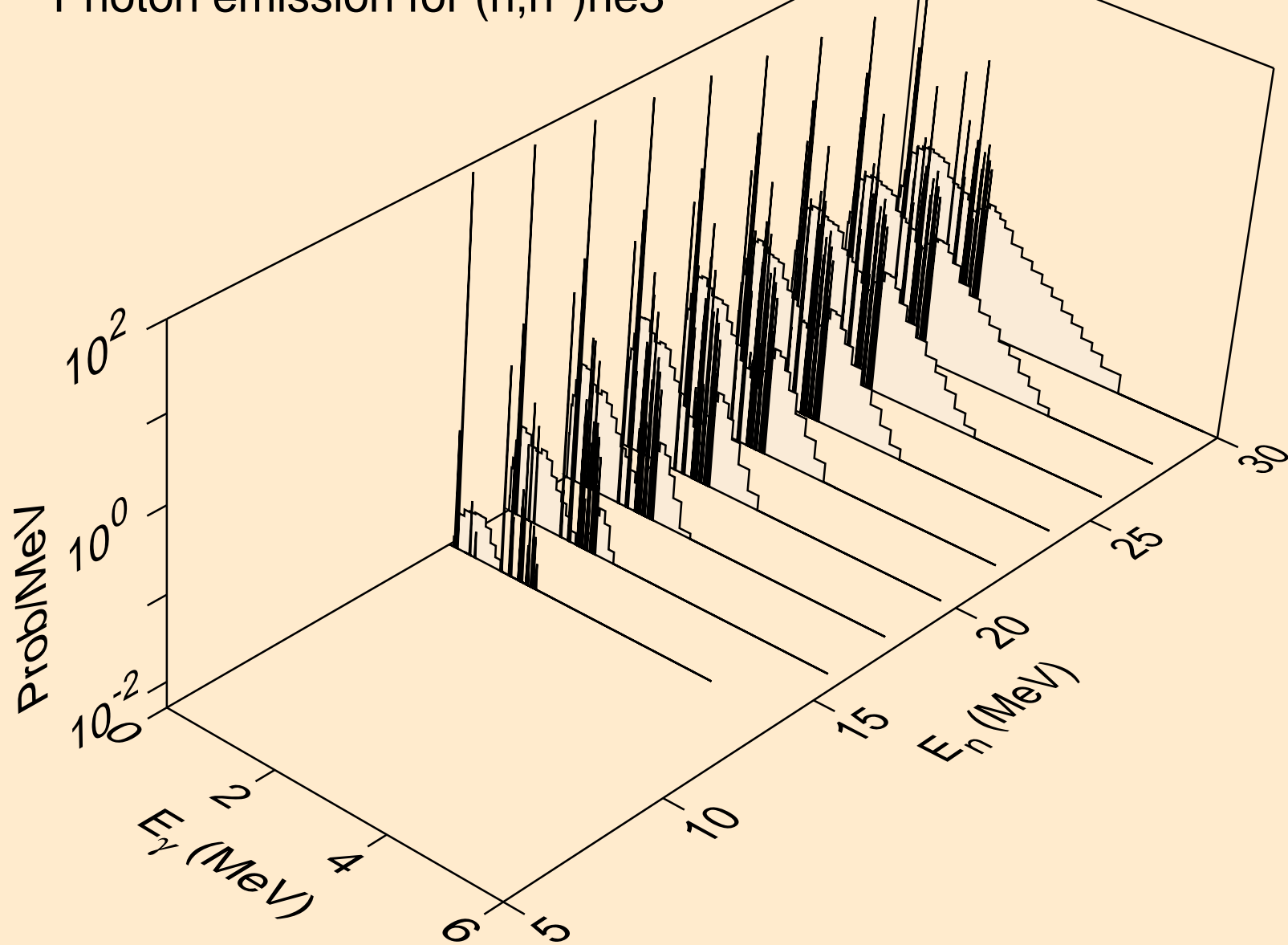
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



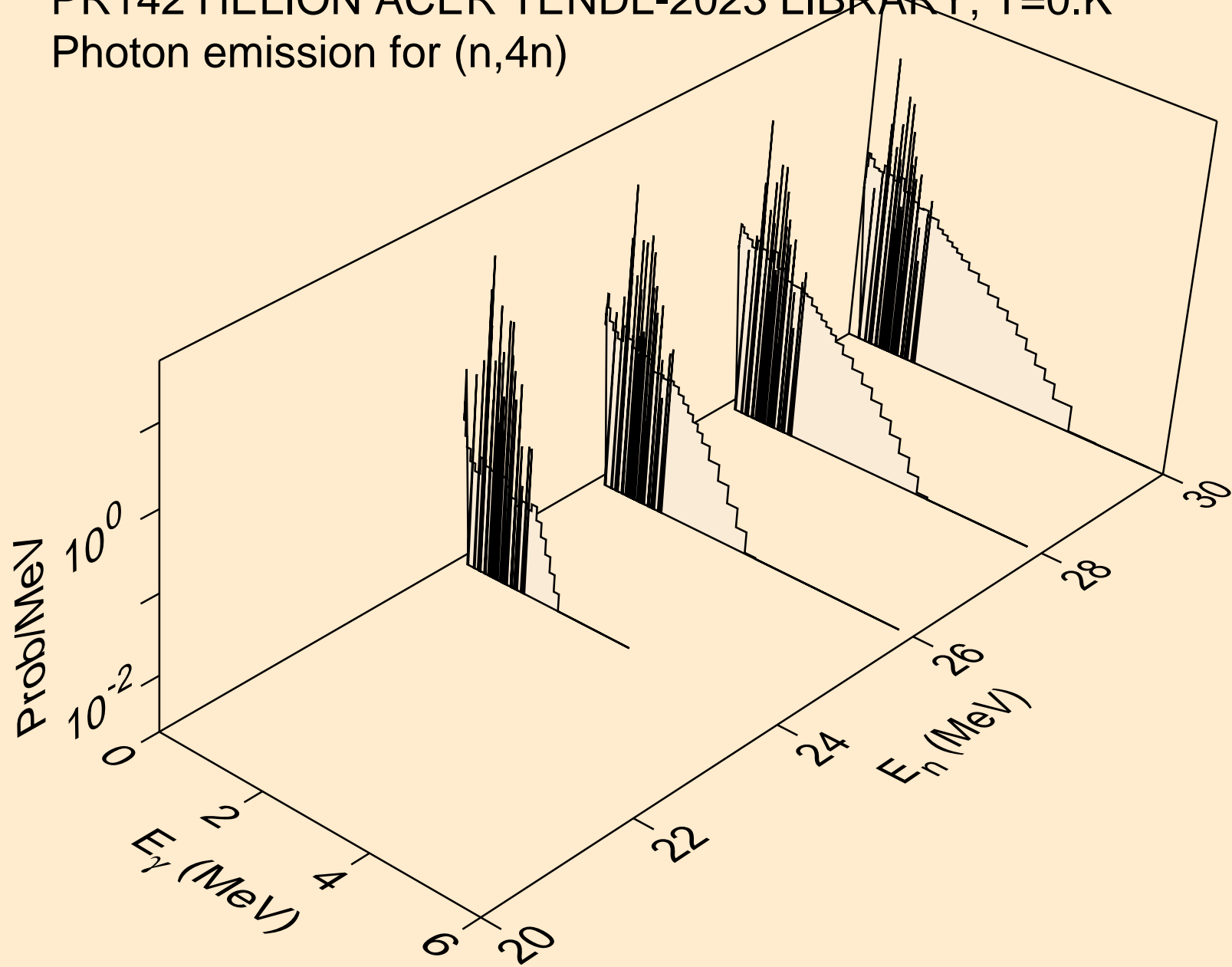
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



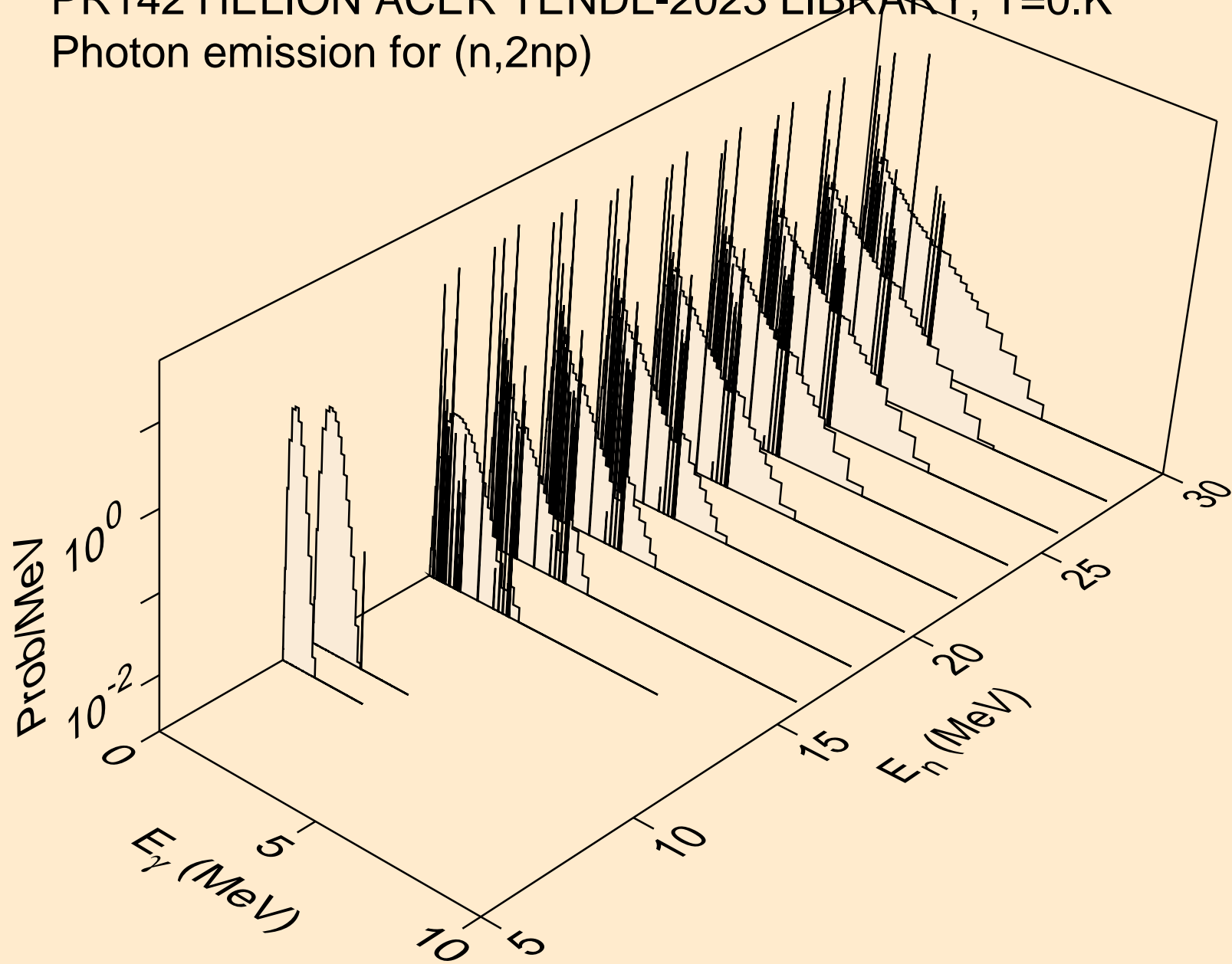
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

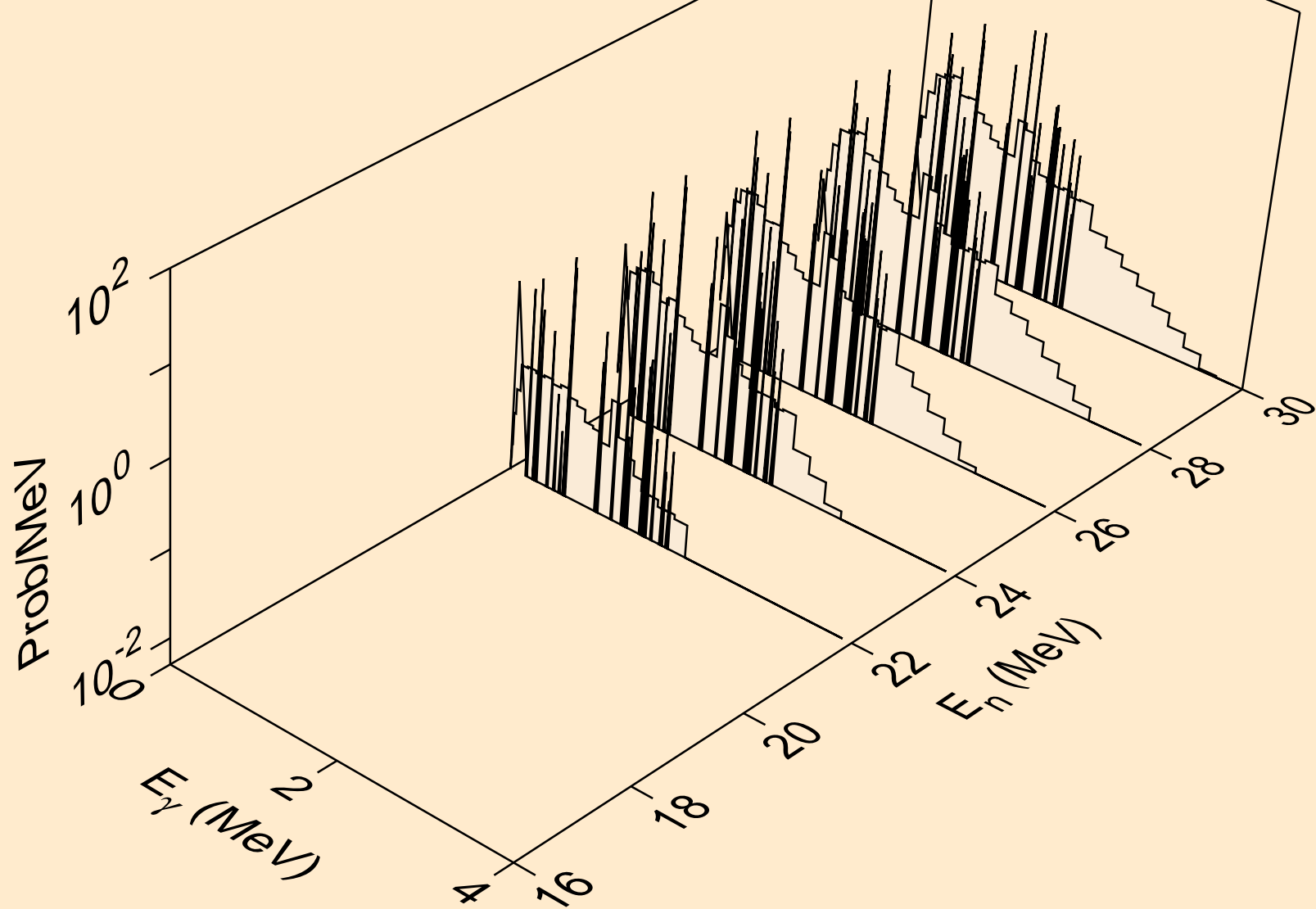


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

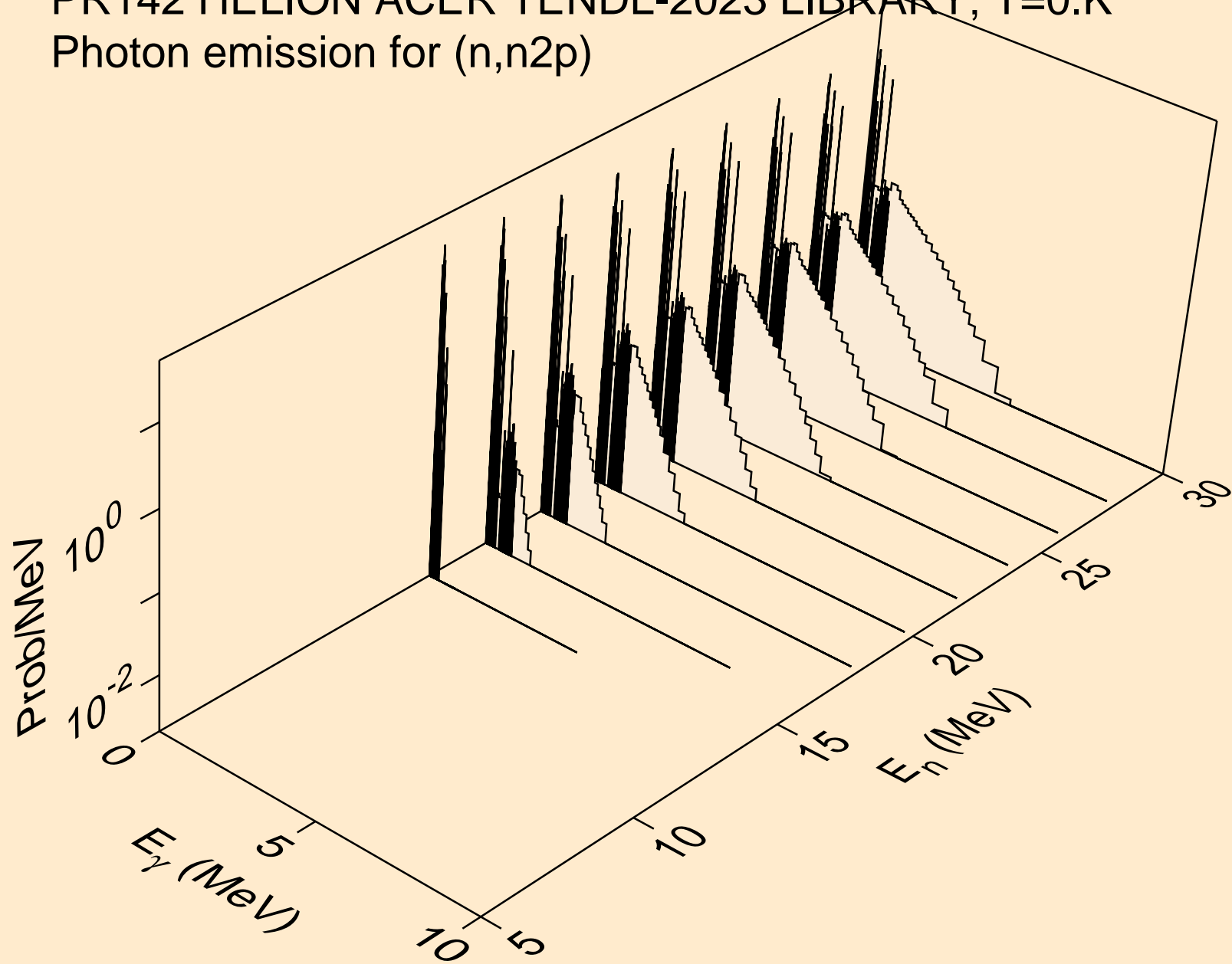




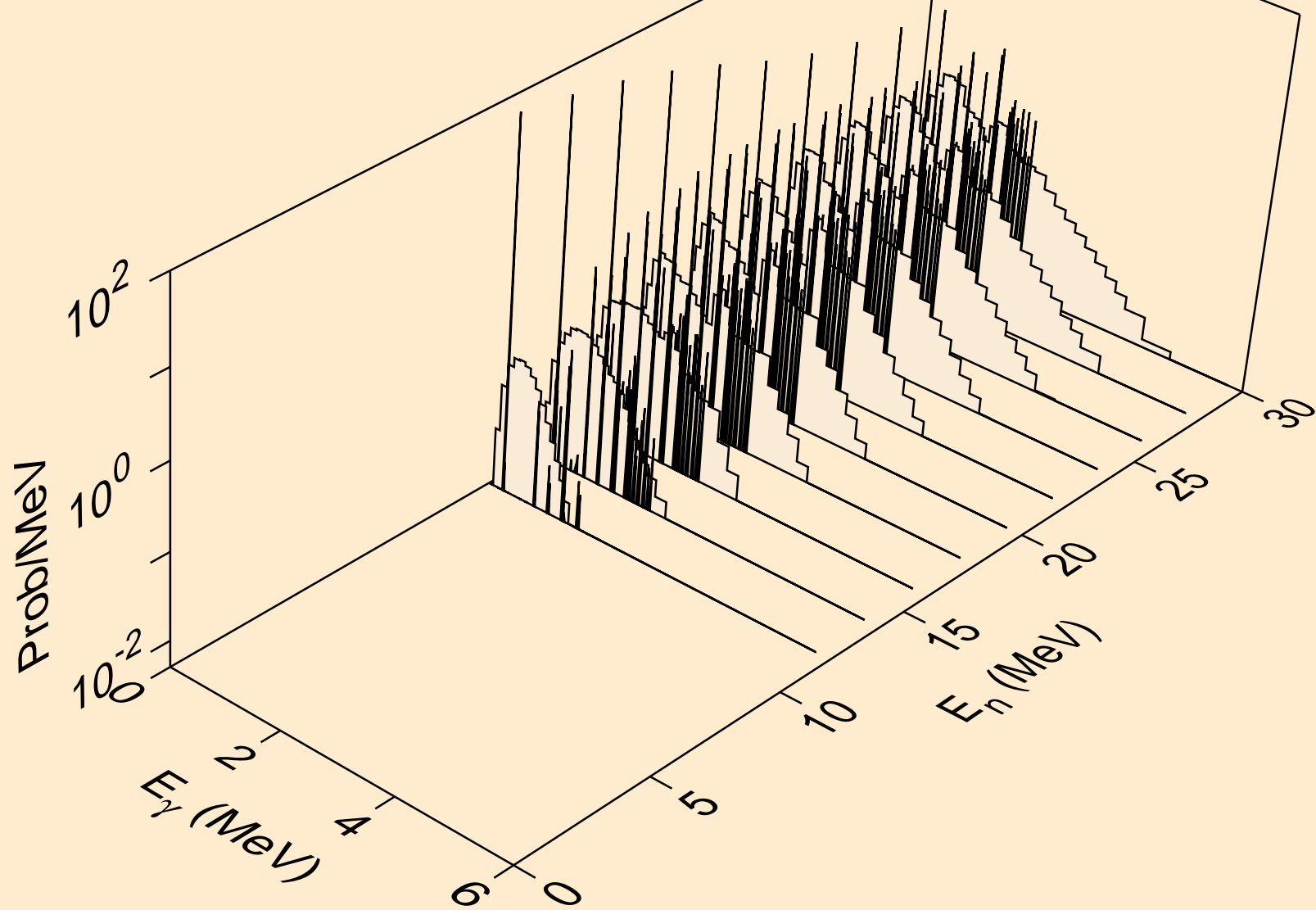
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Photon emission for (n,3np)



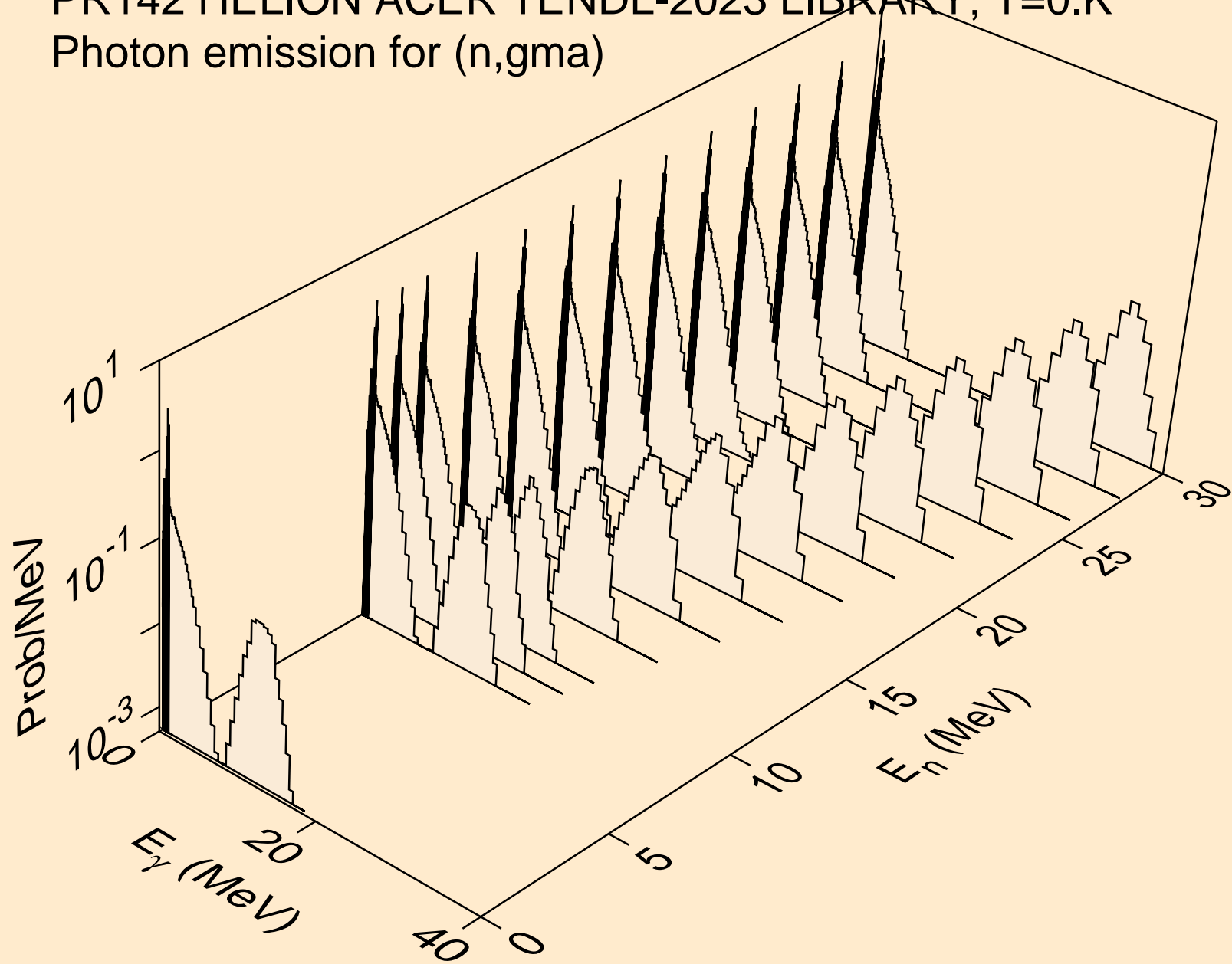
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



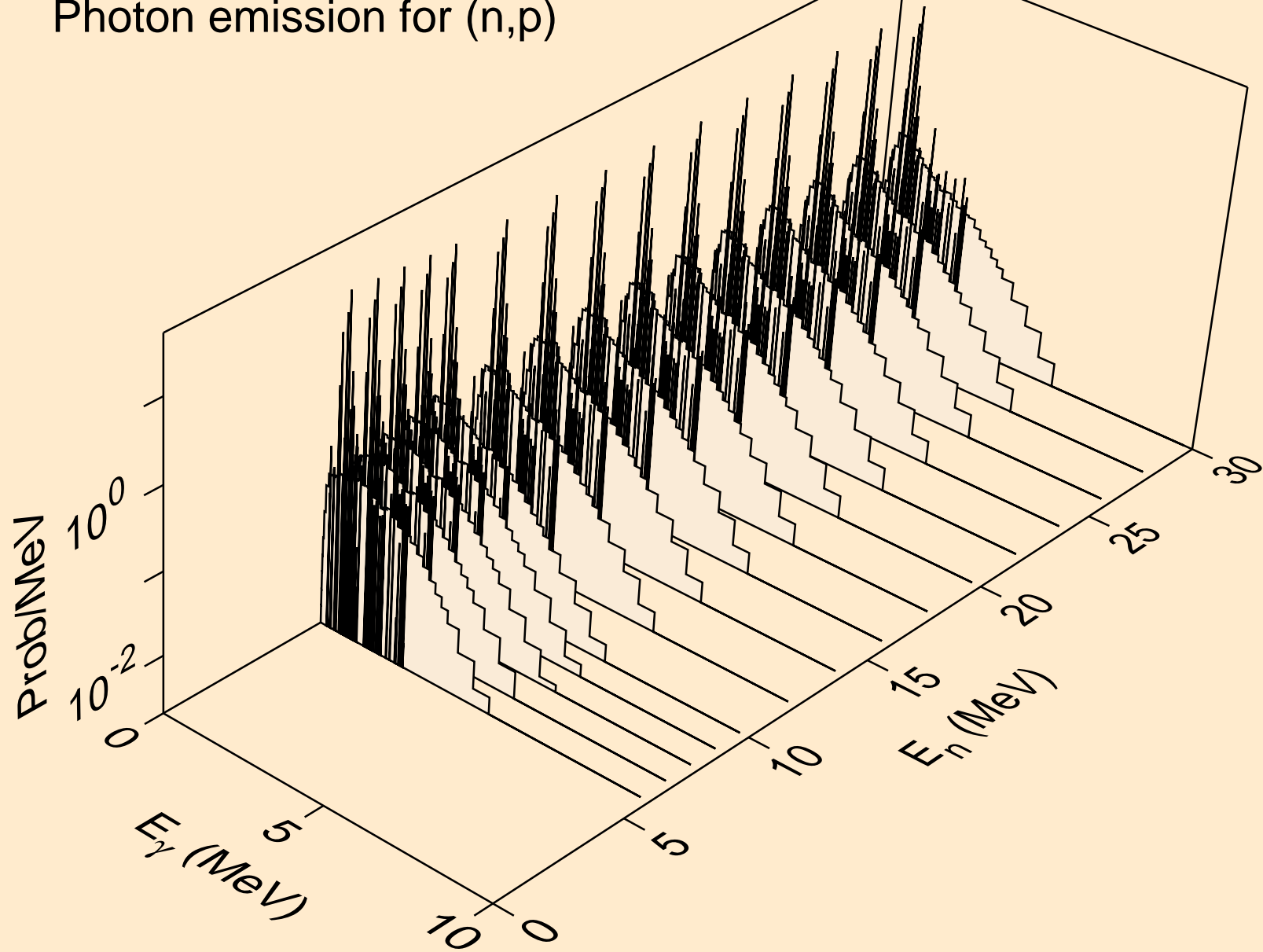
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



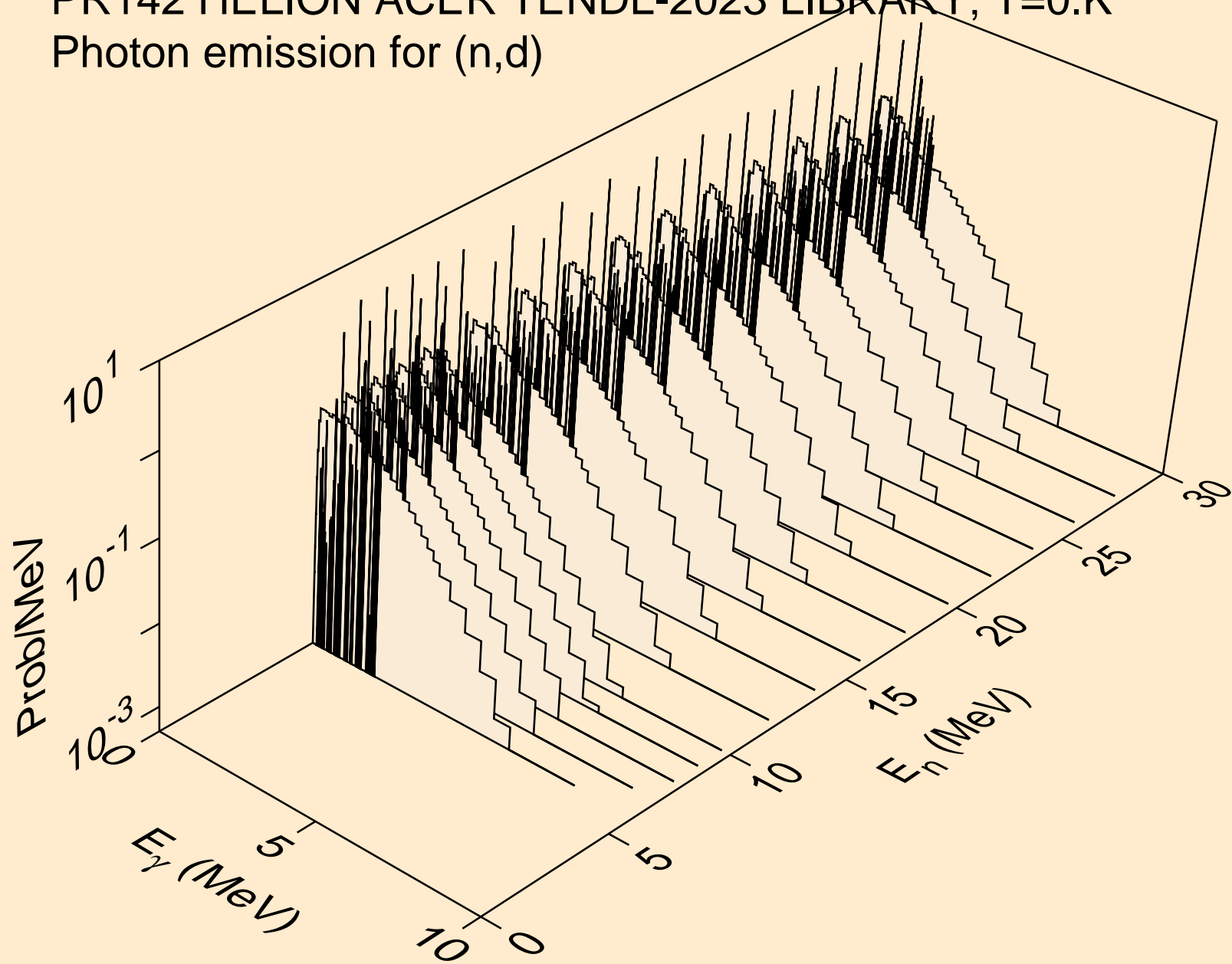
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



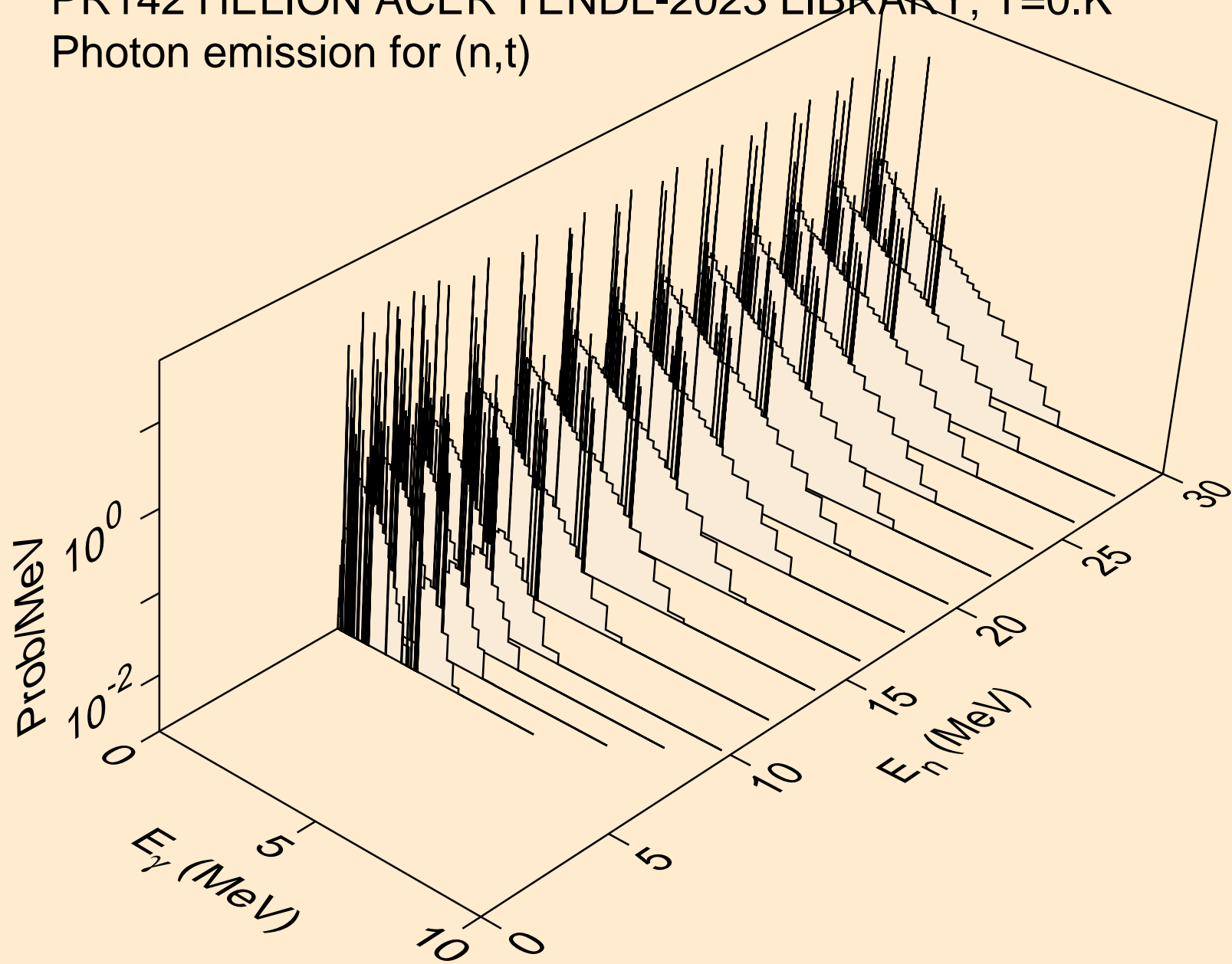
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



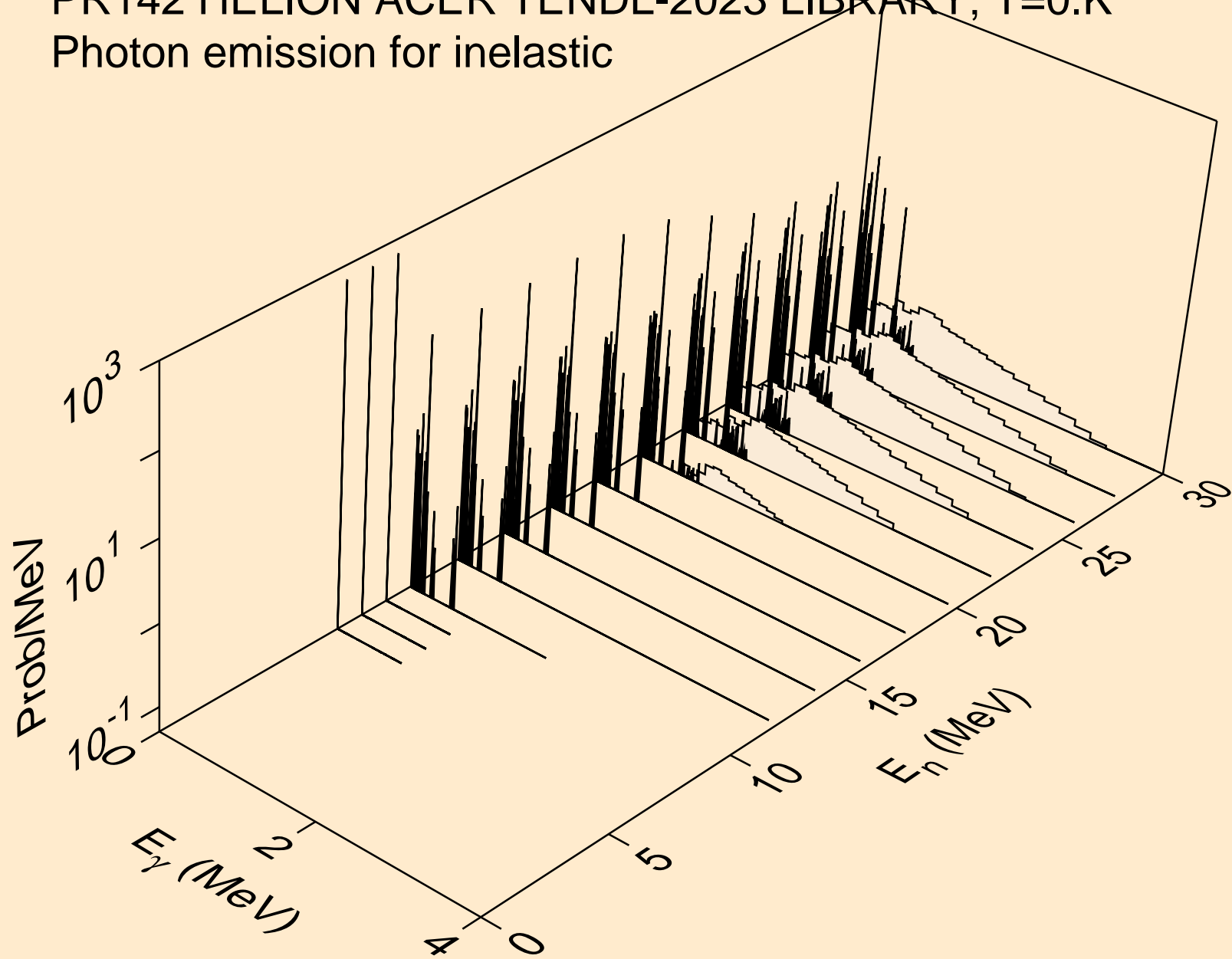
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

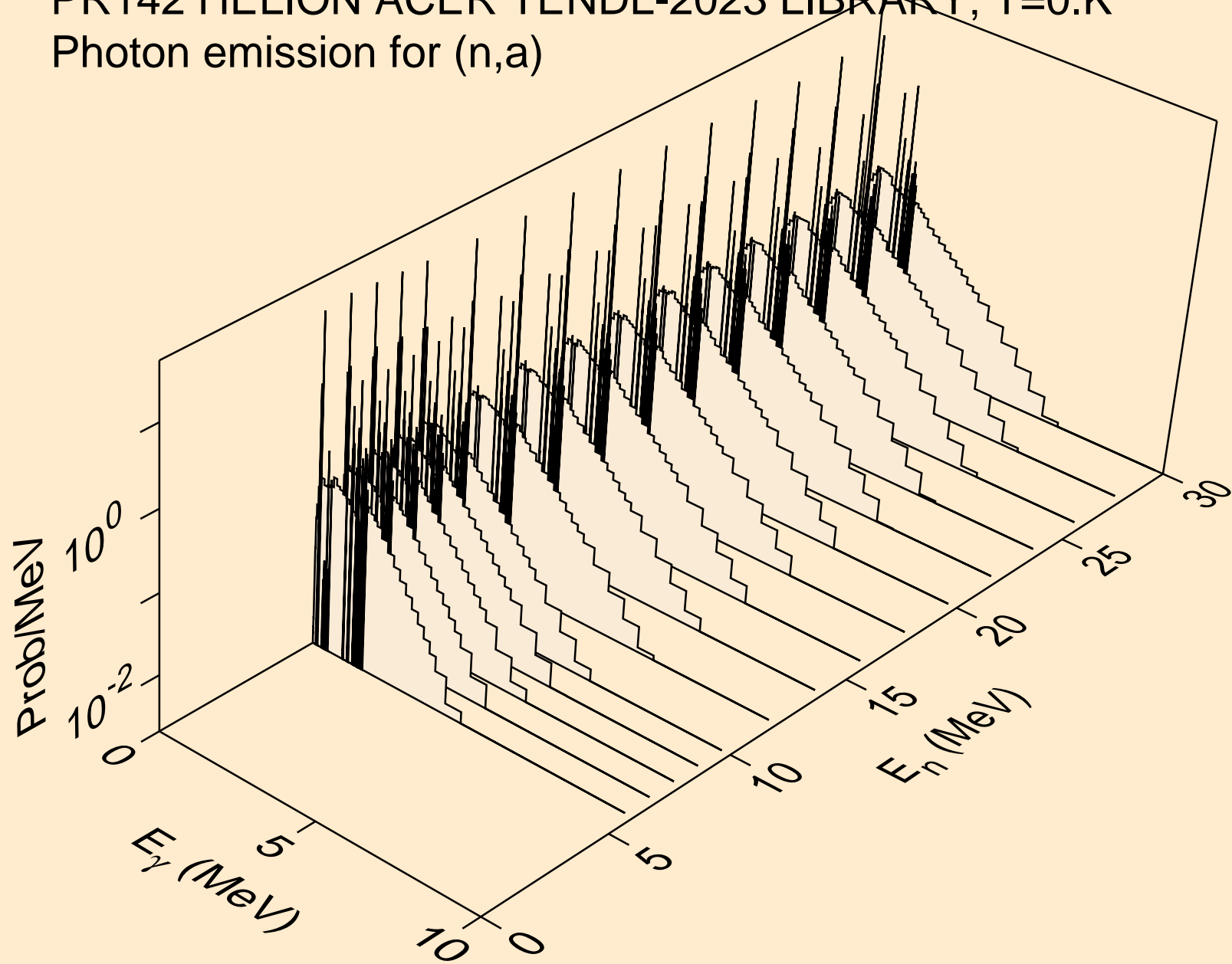


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

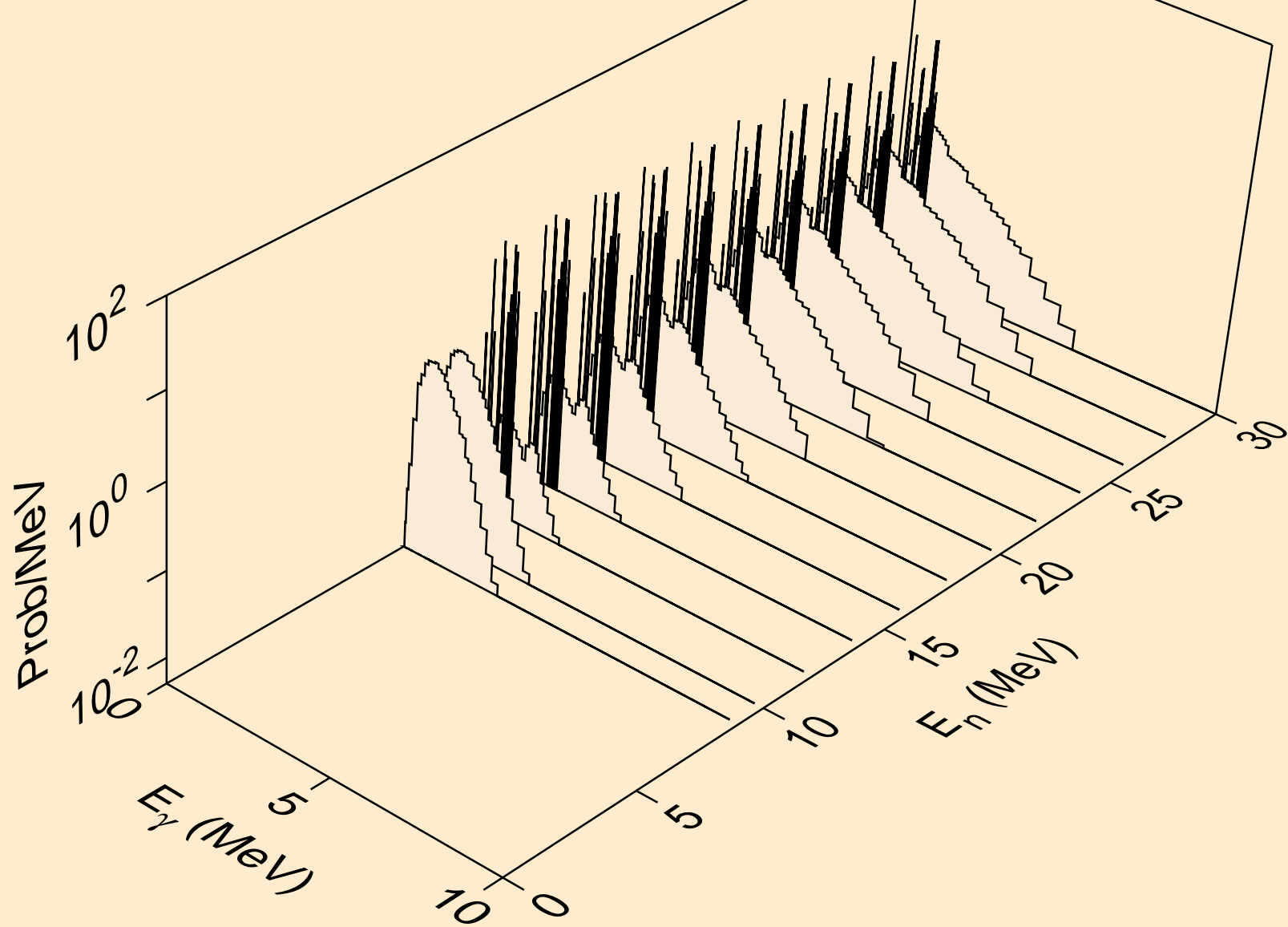




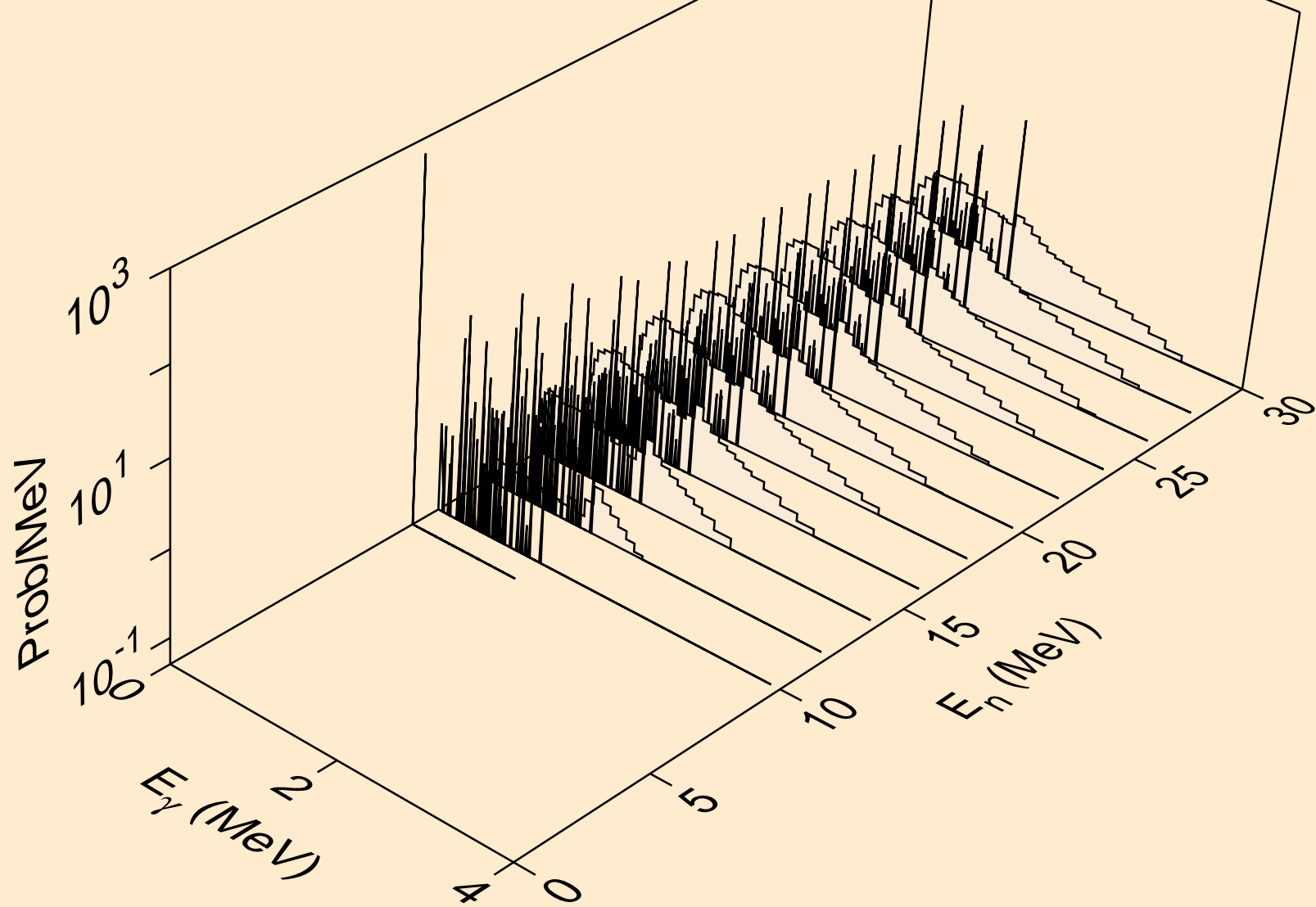
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



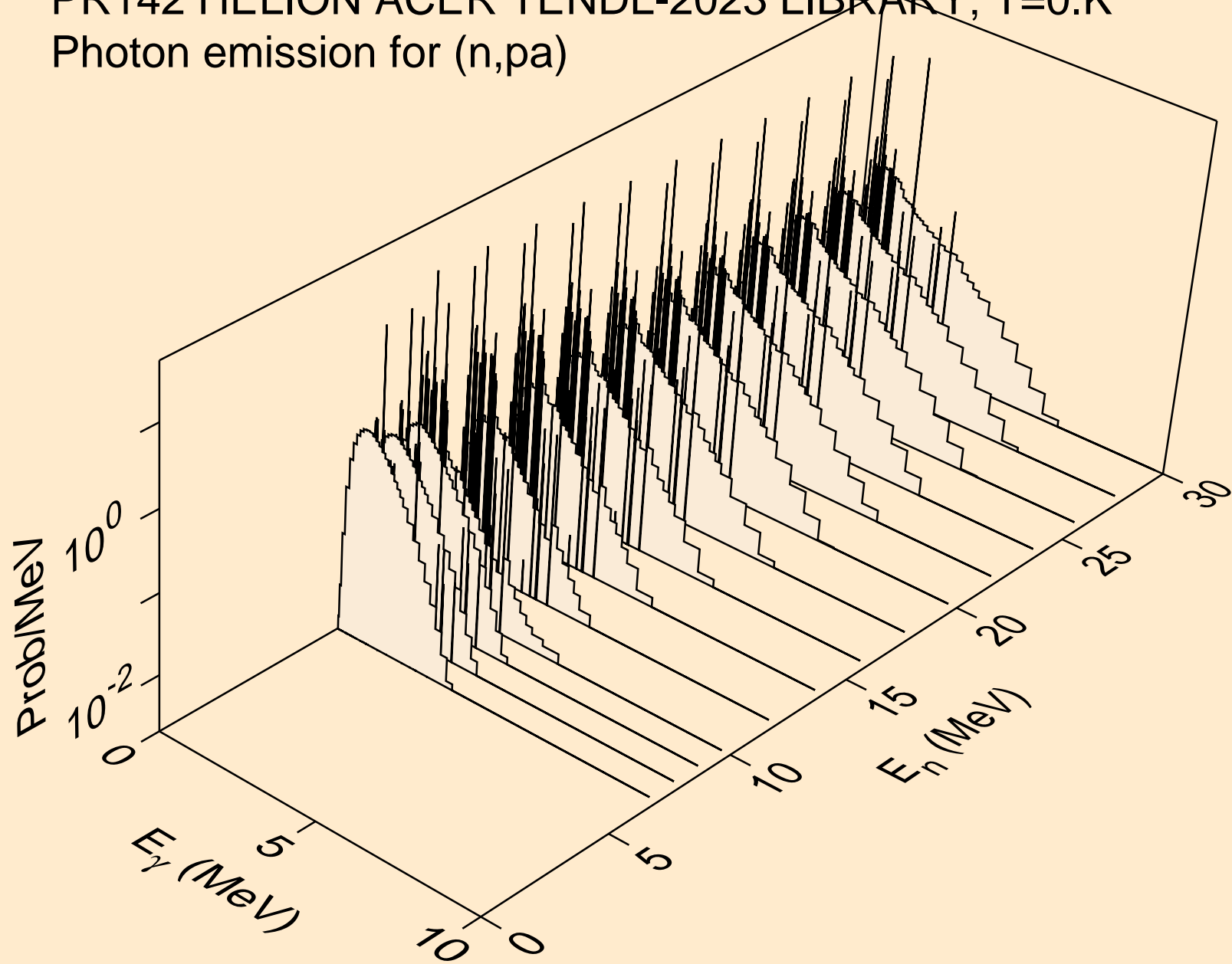
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



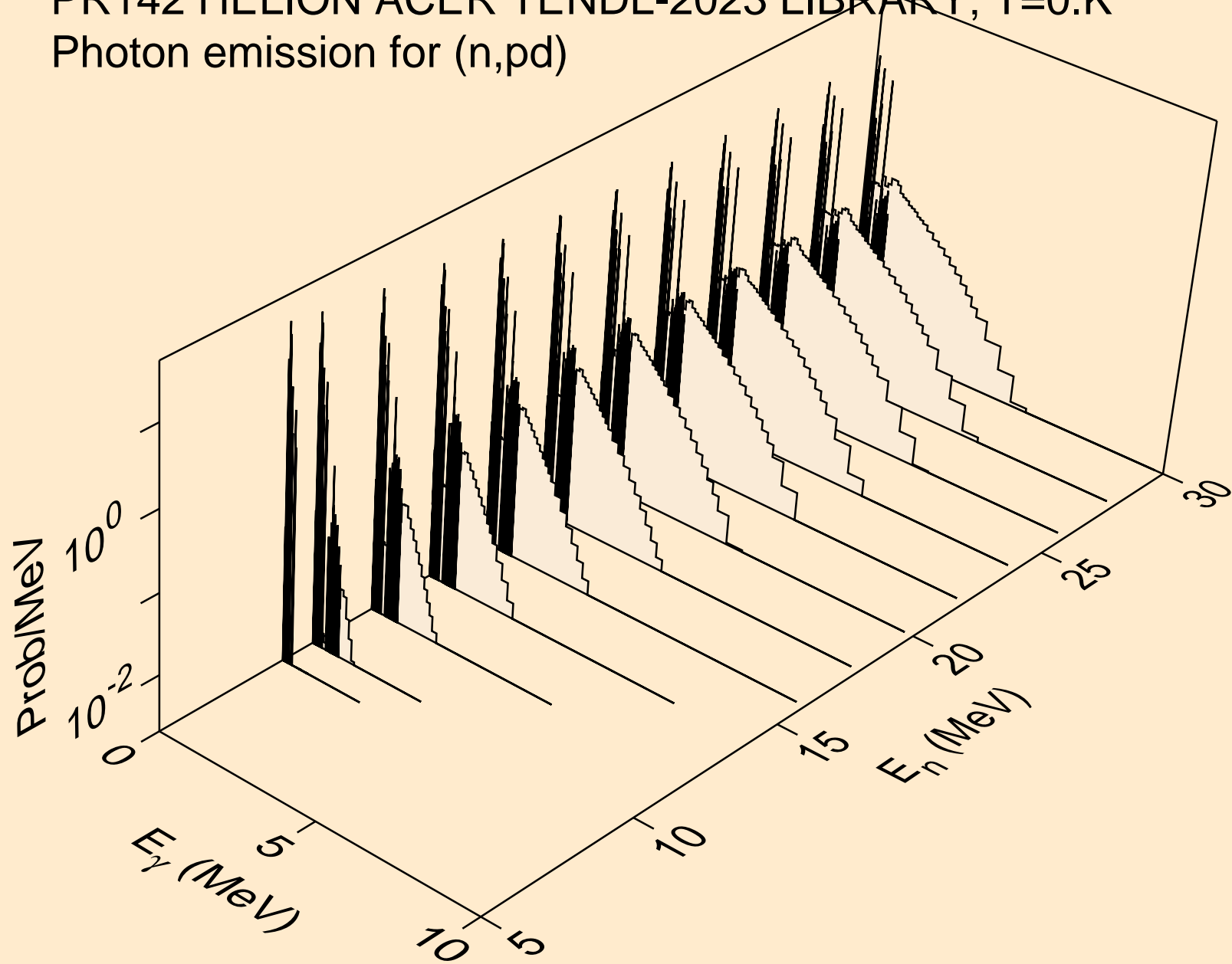
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



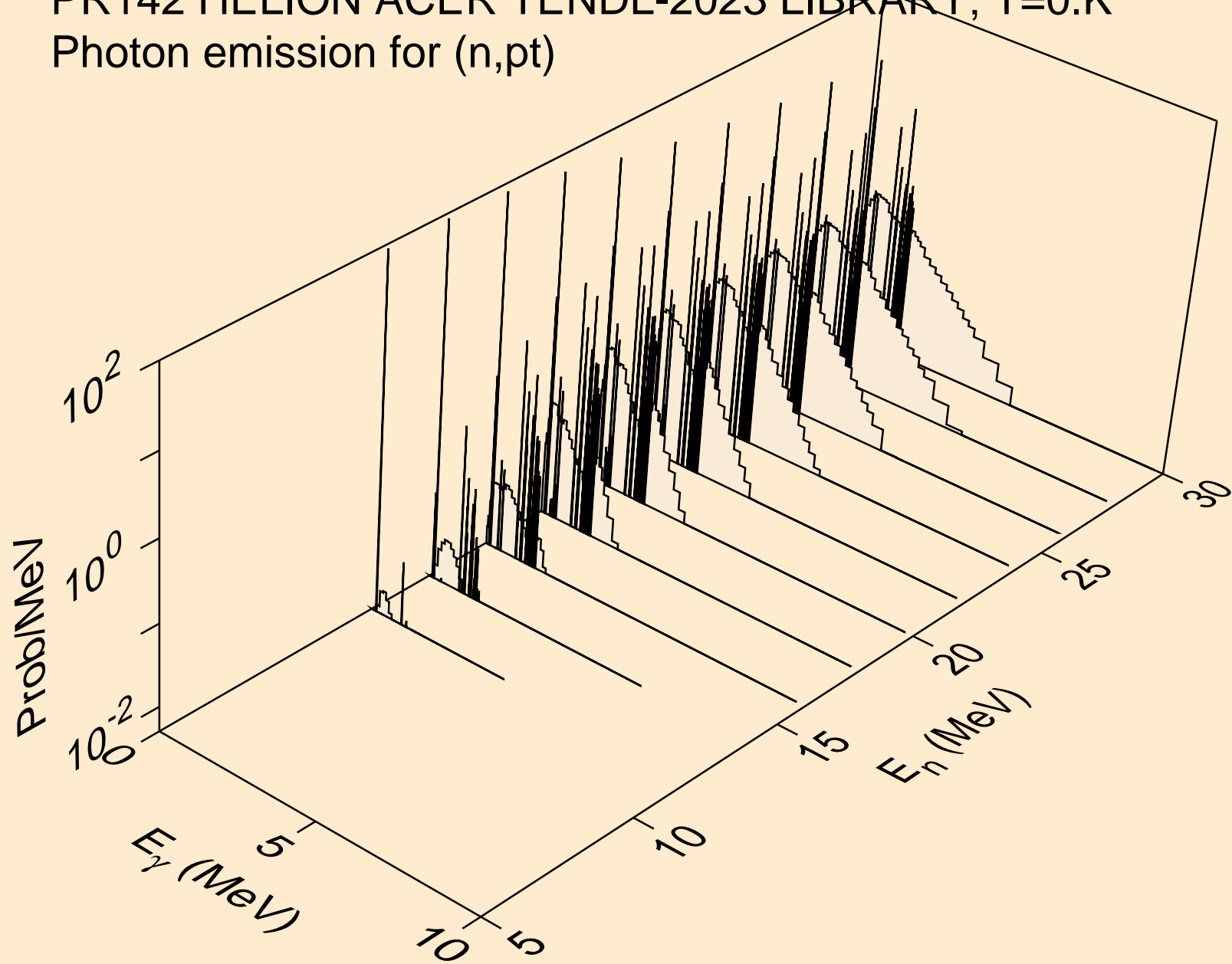
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



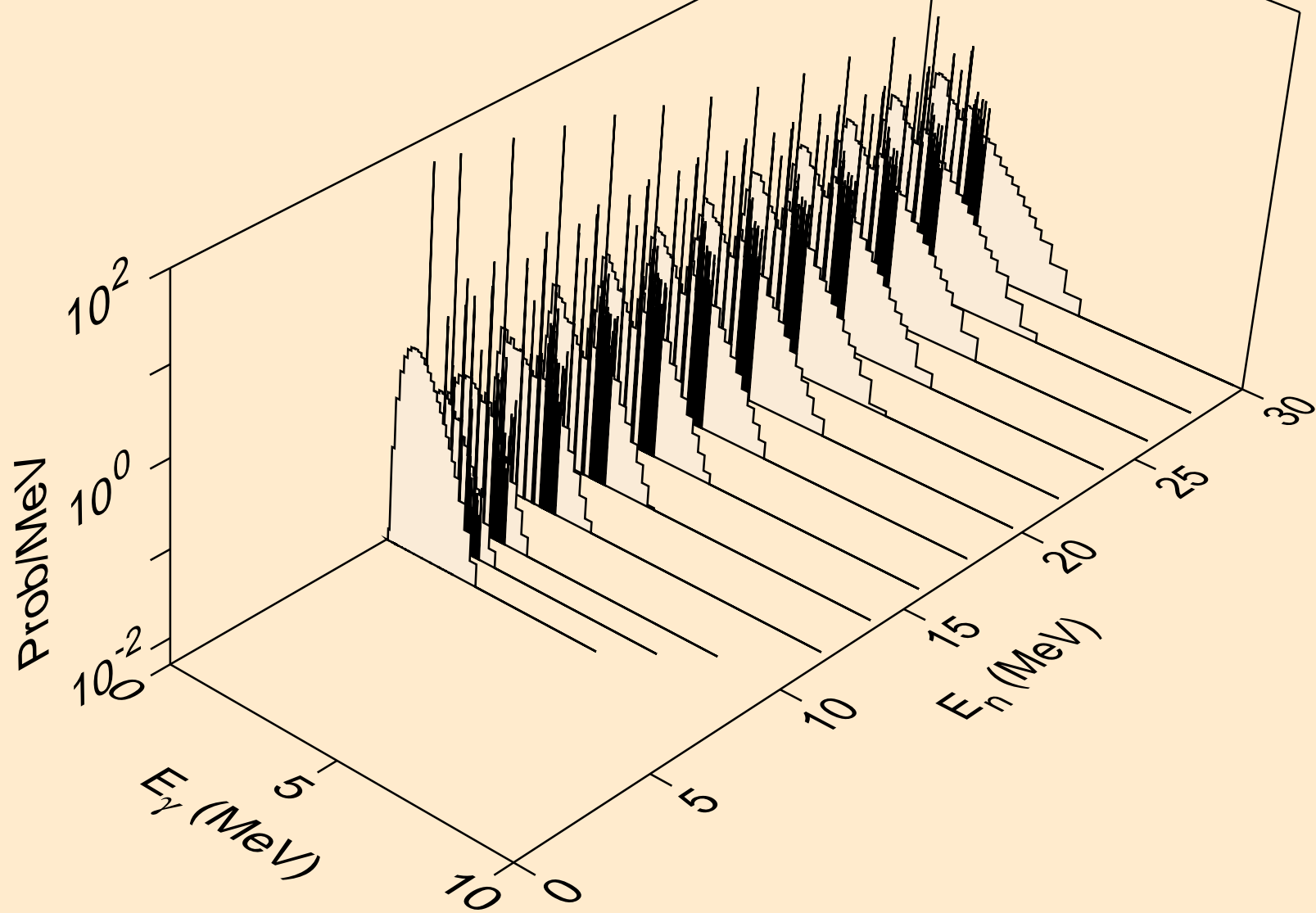
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



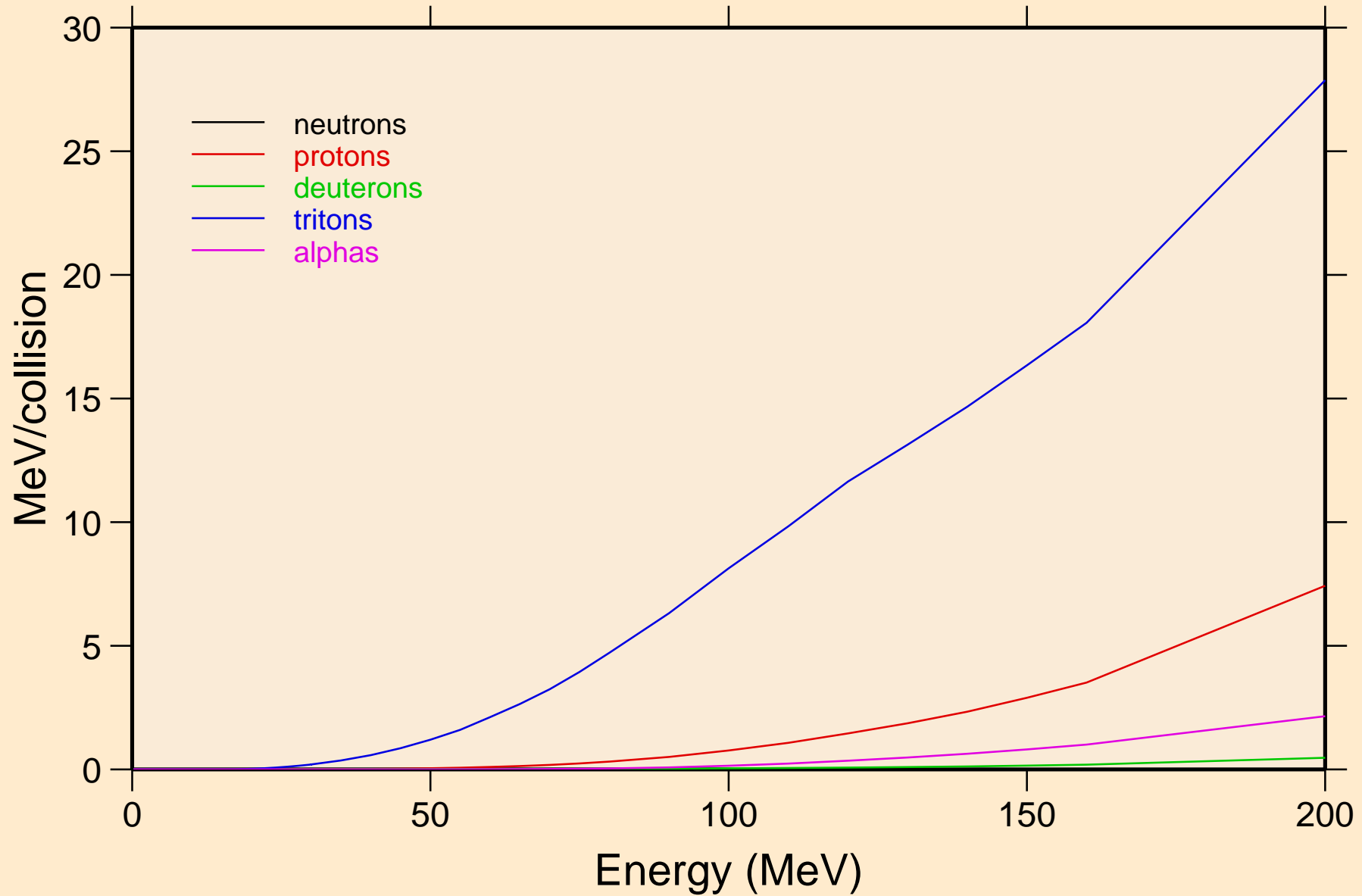
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

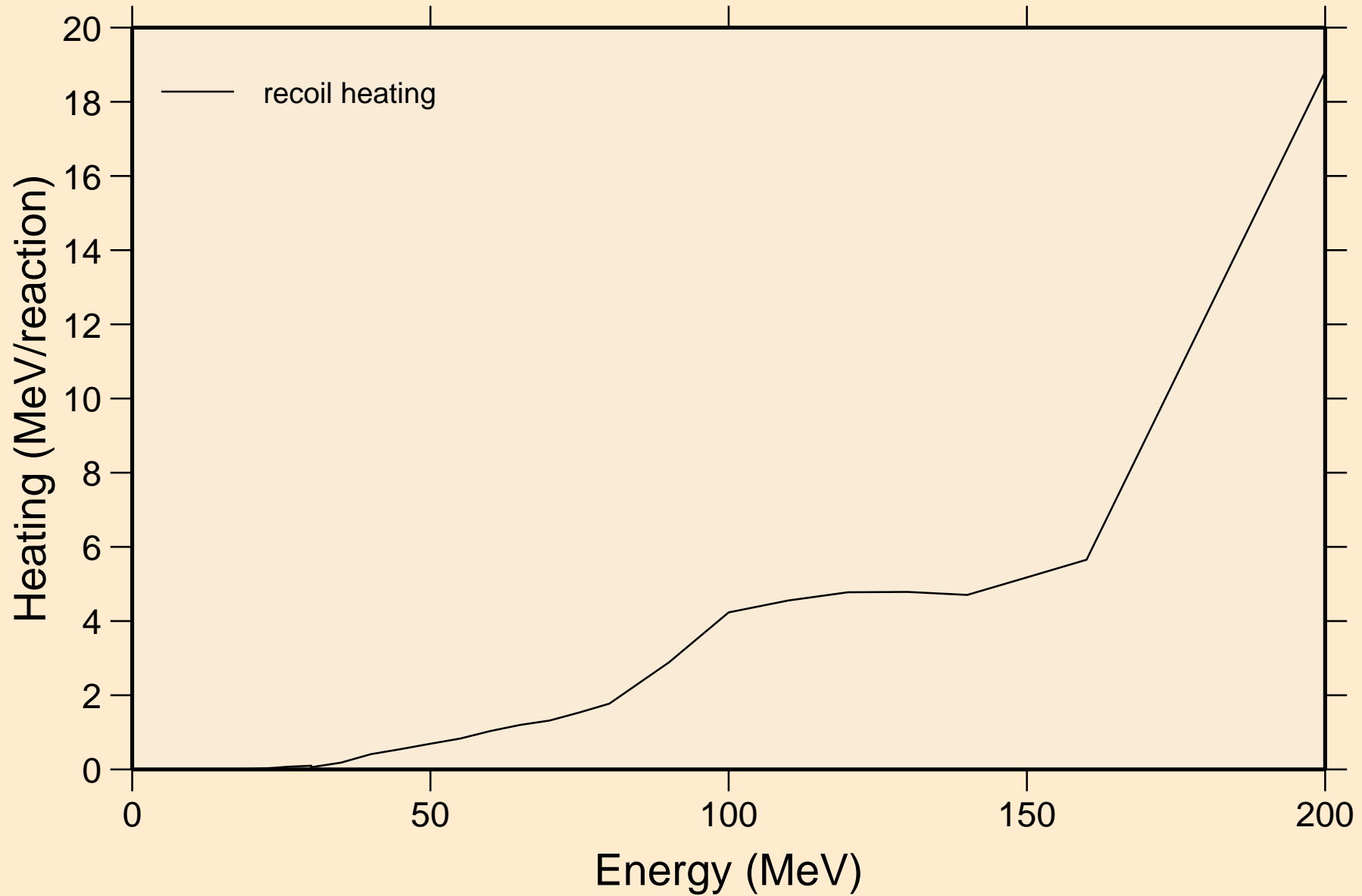


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

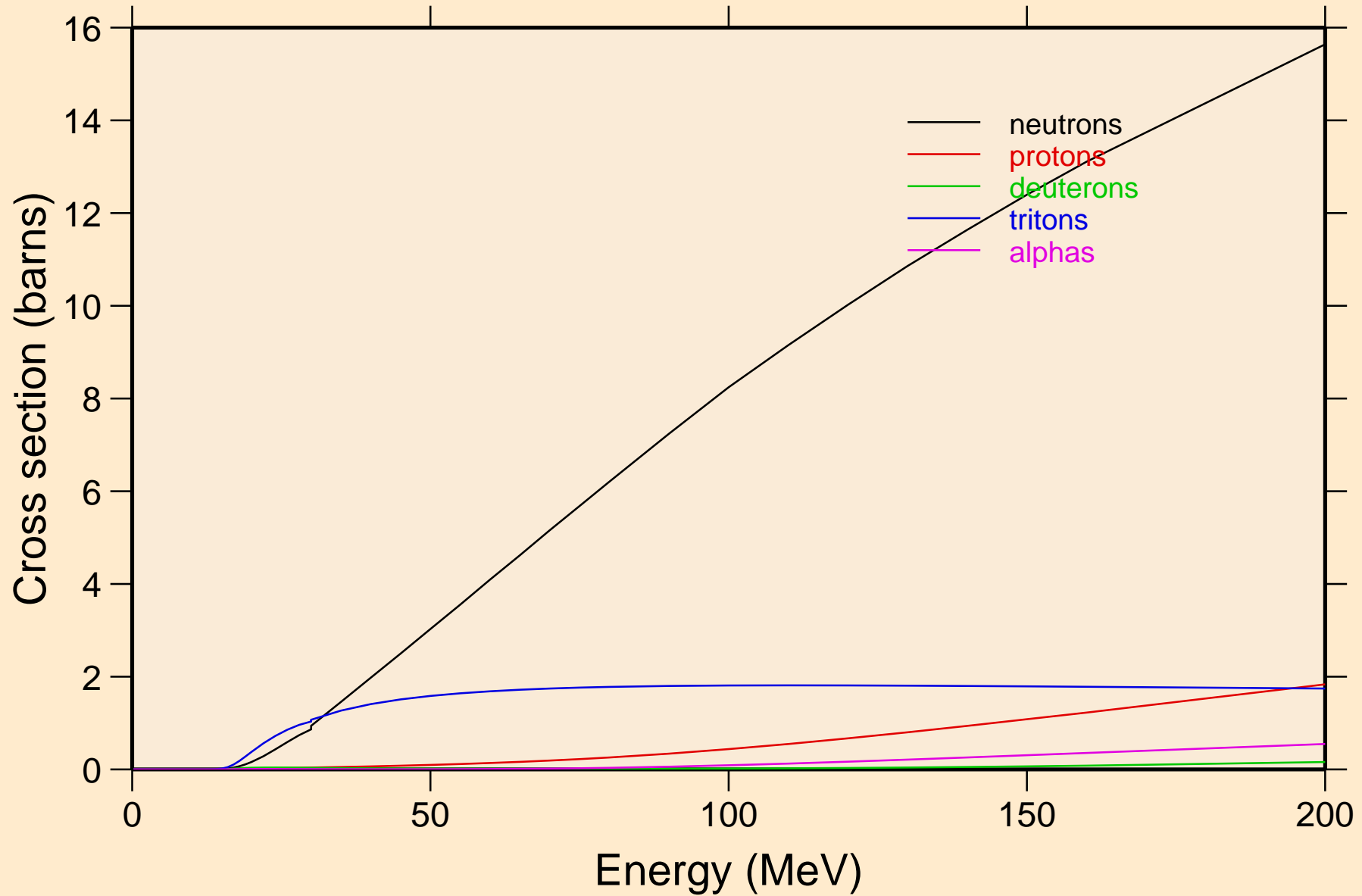




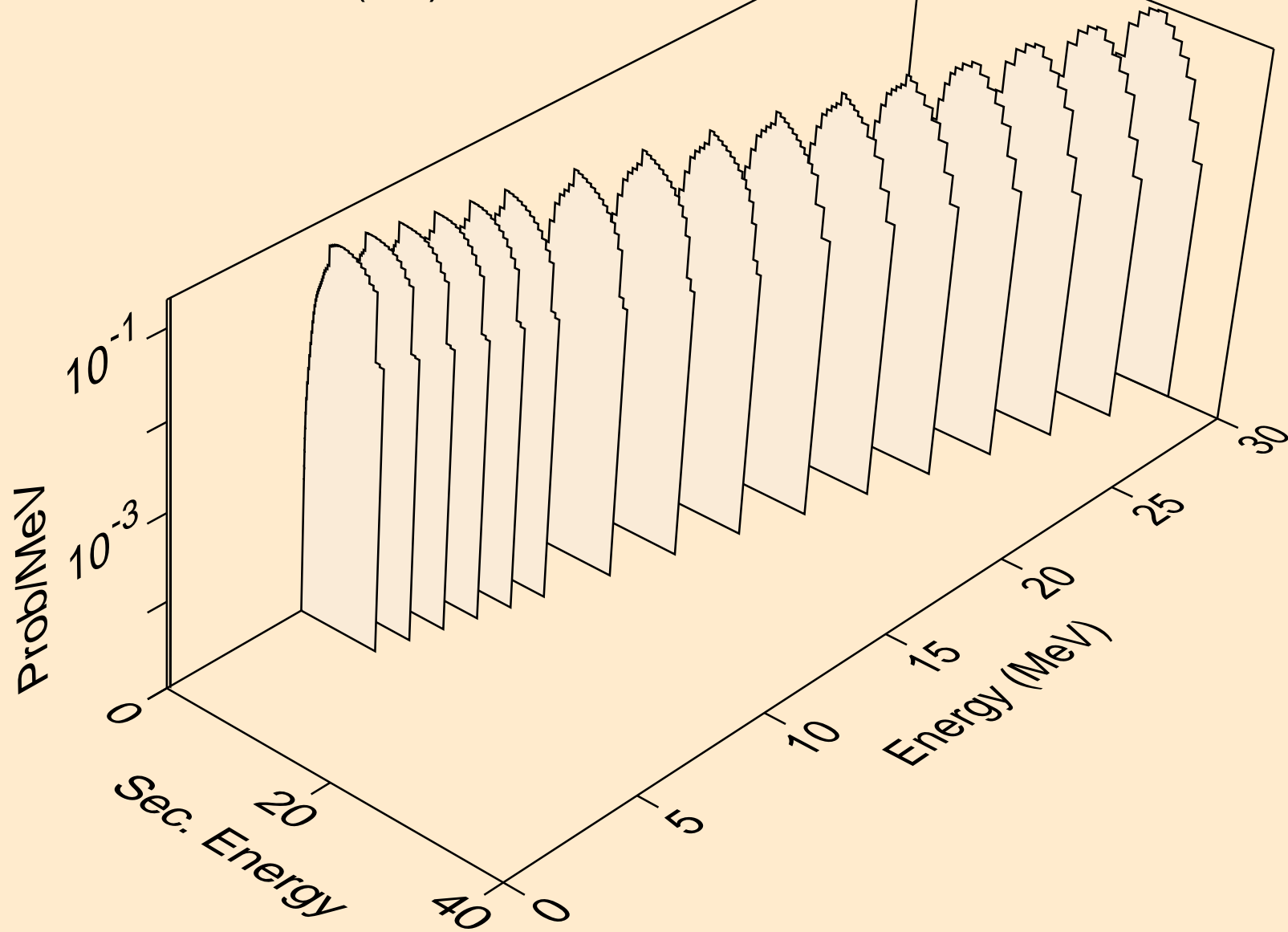
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



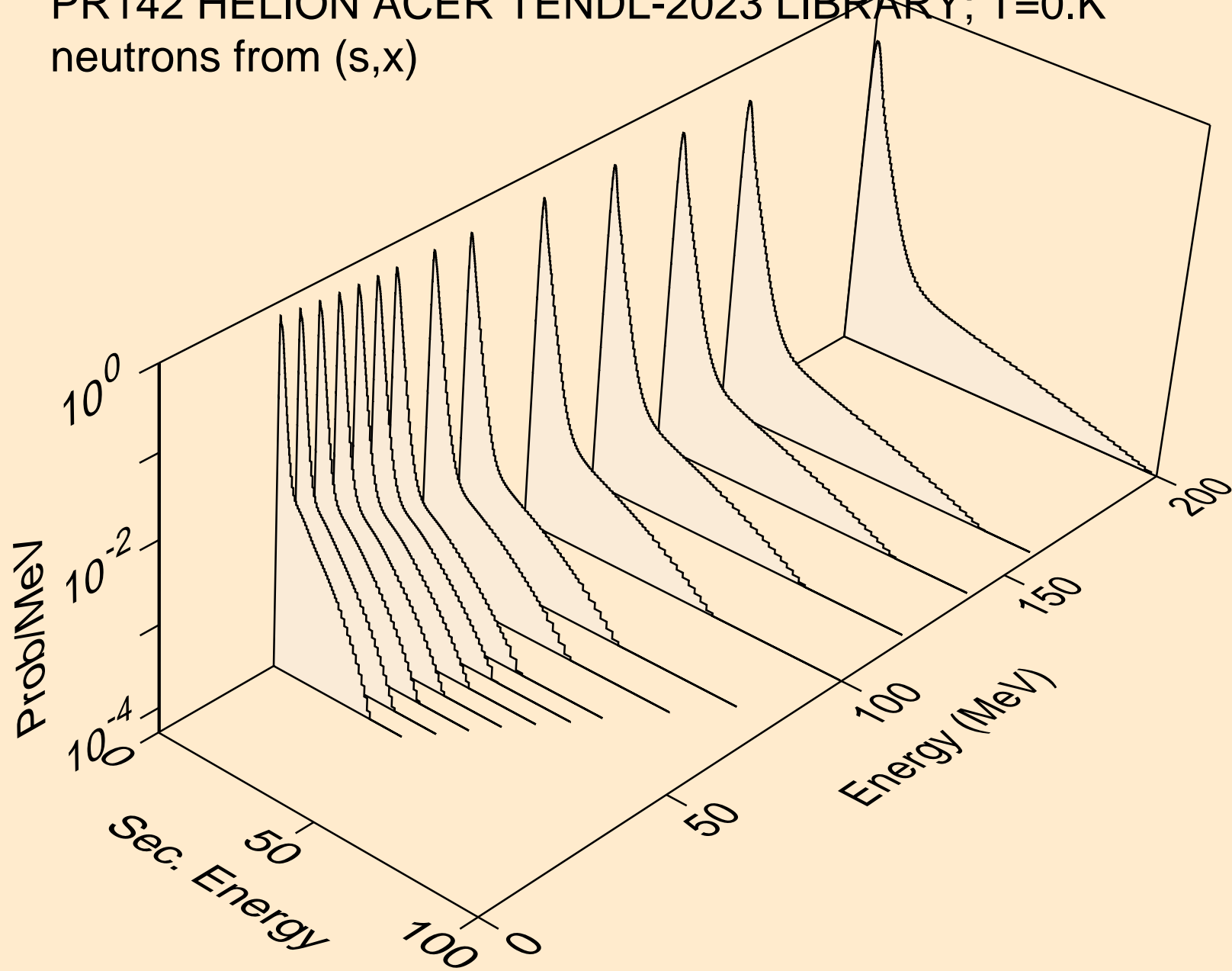
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



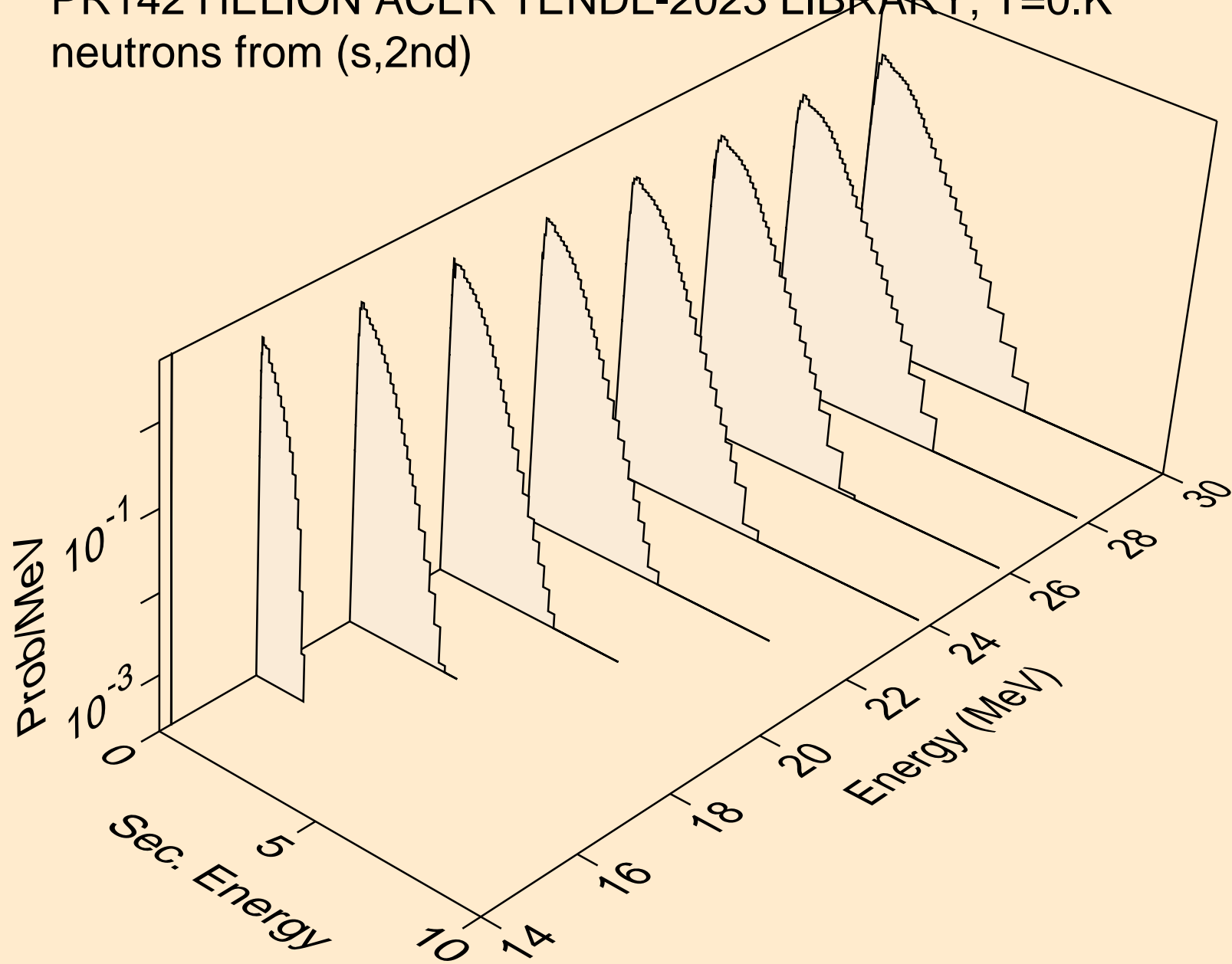
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



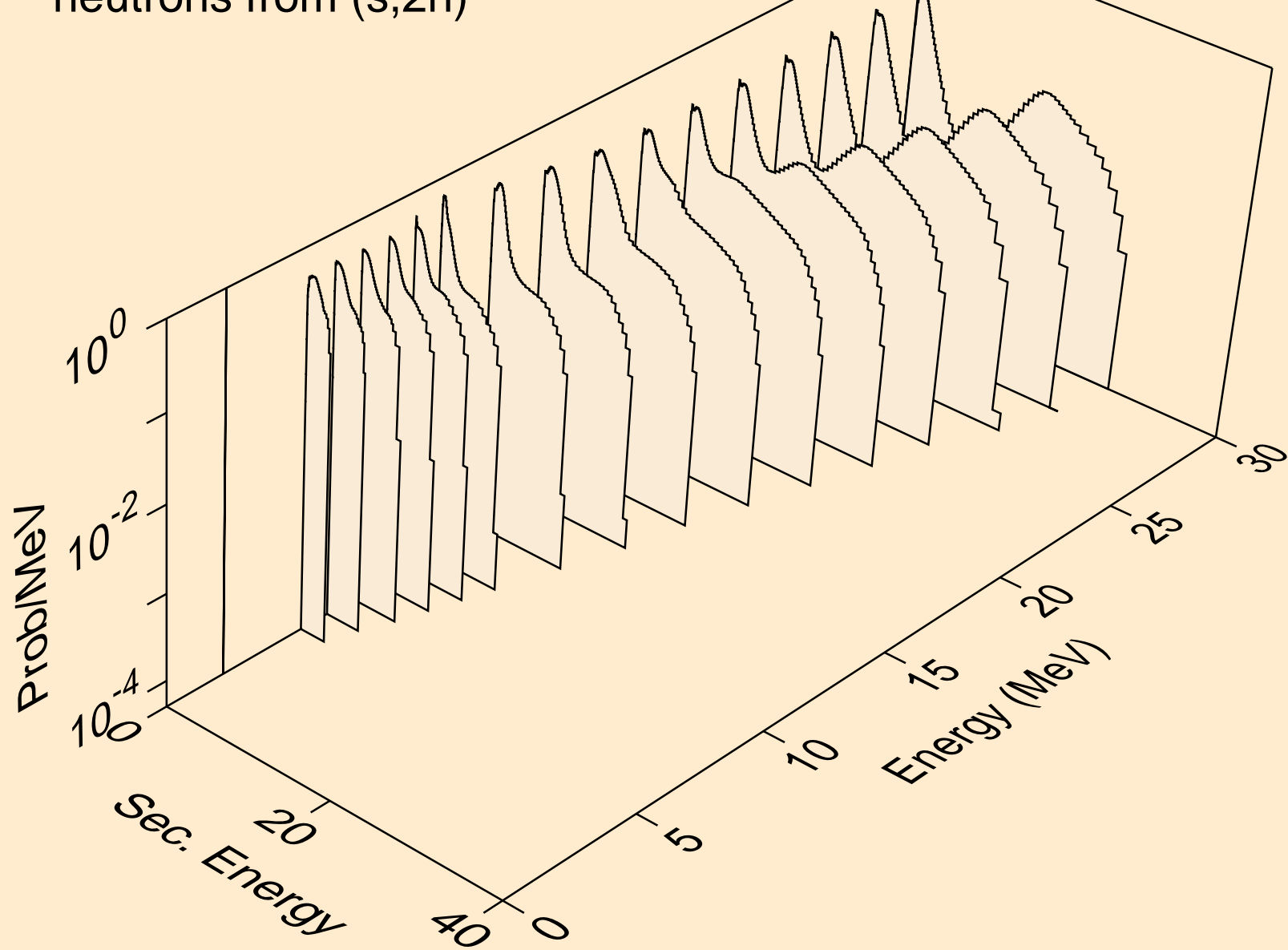
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



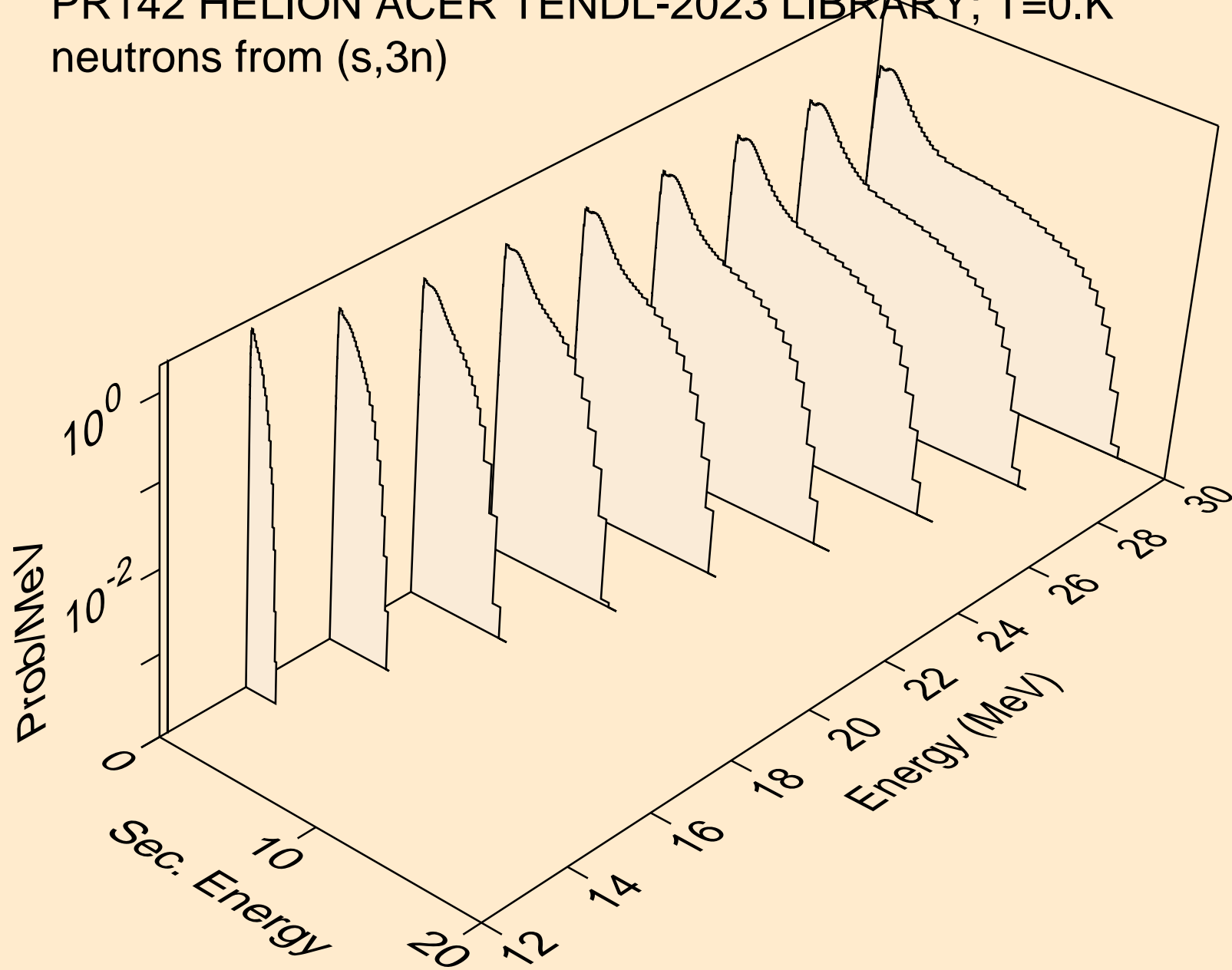
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



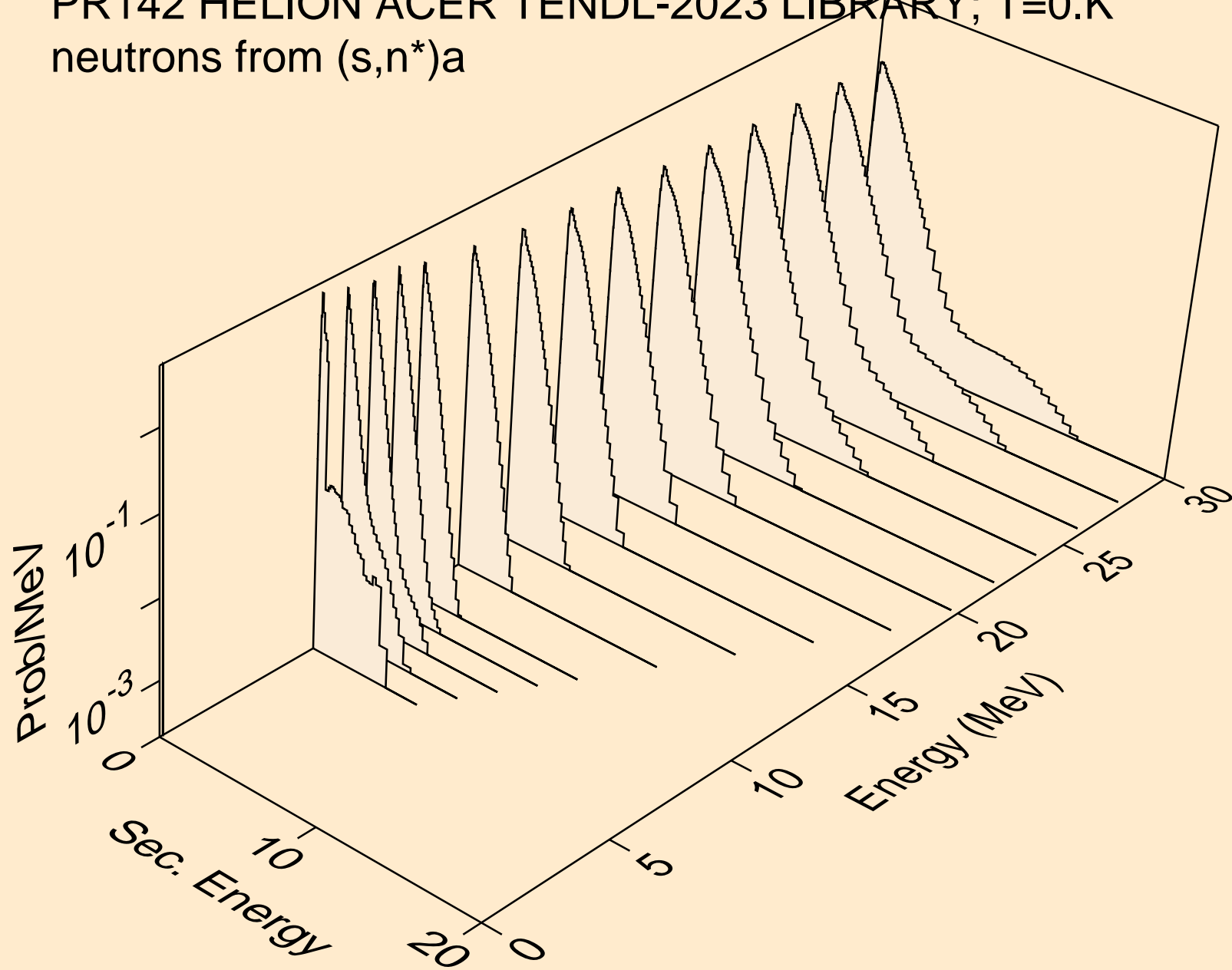
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

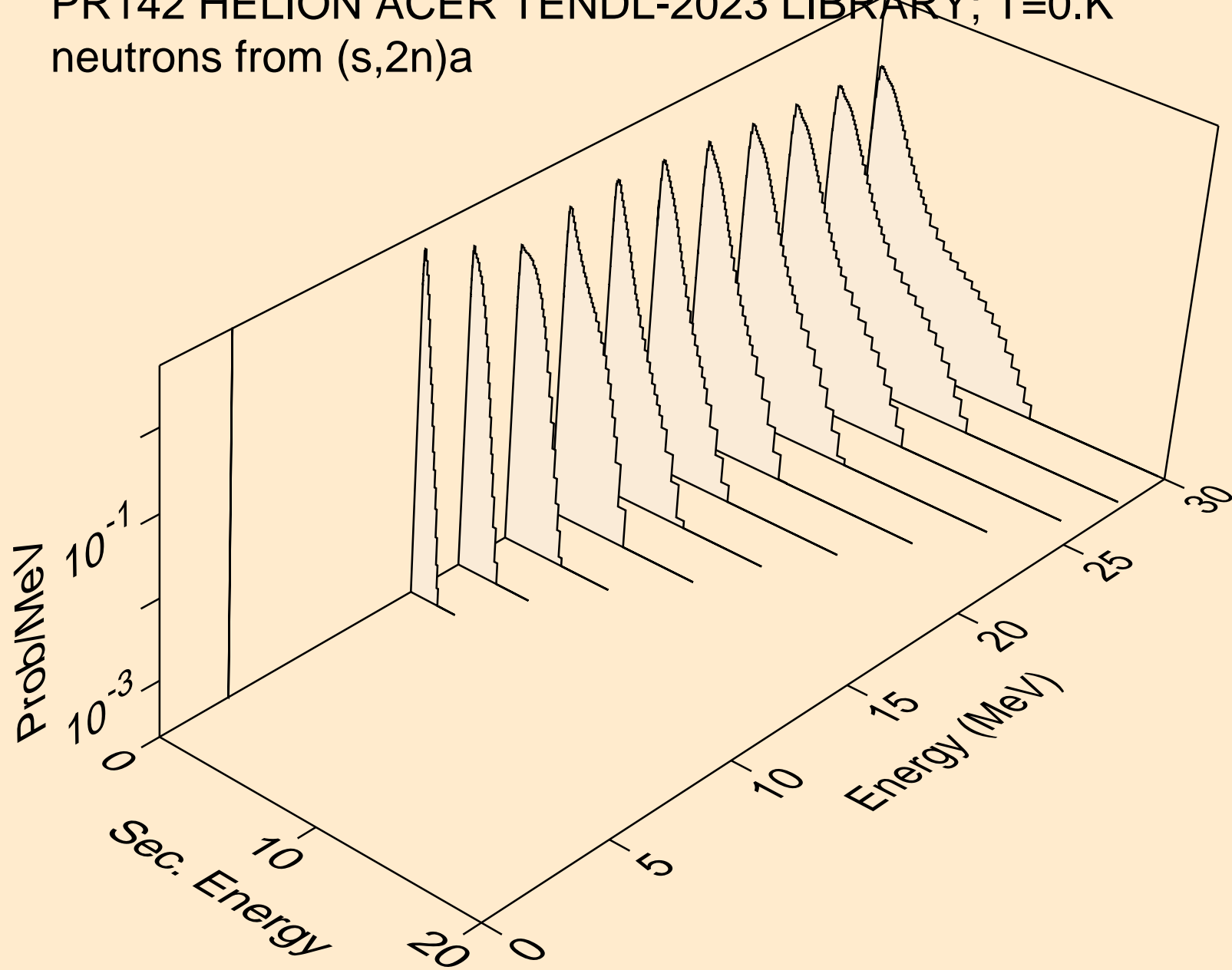


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

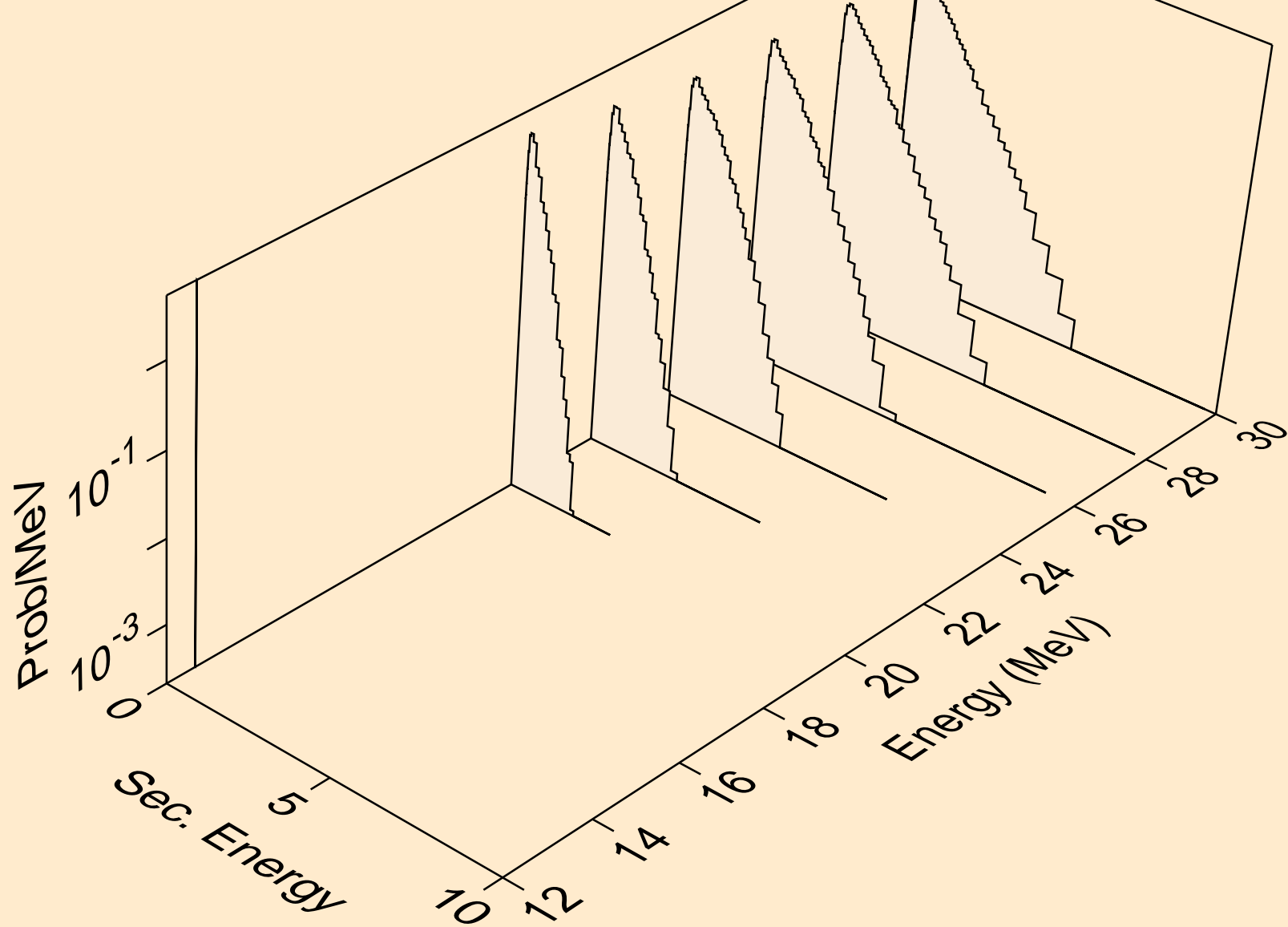




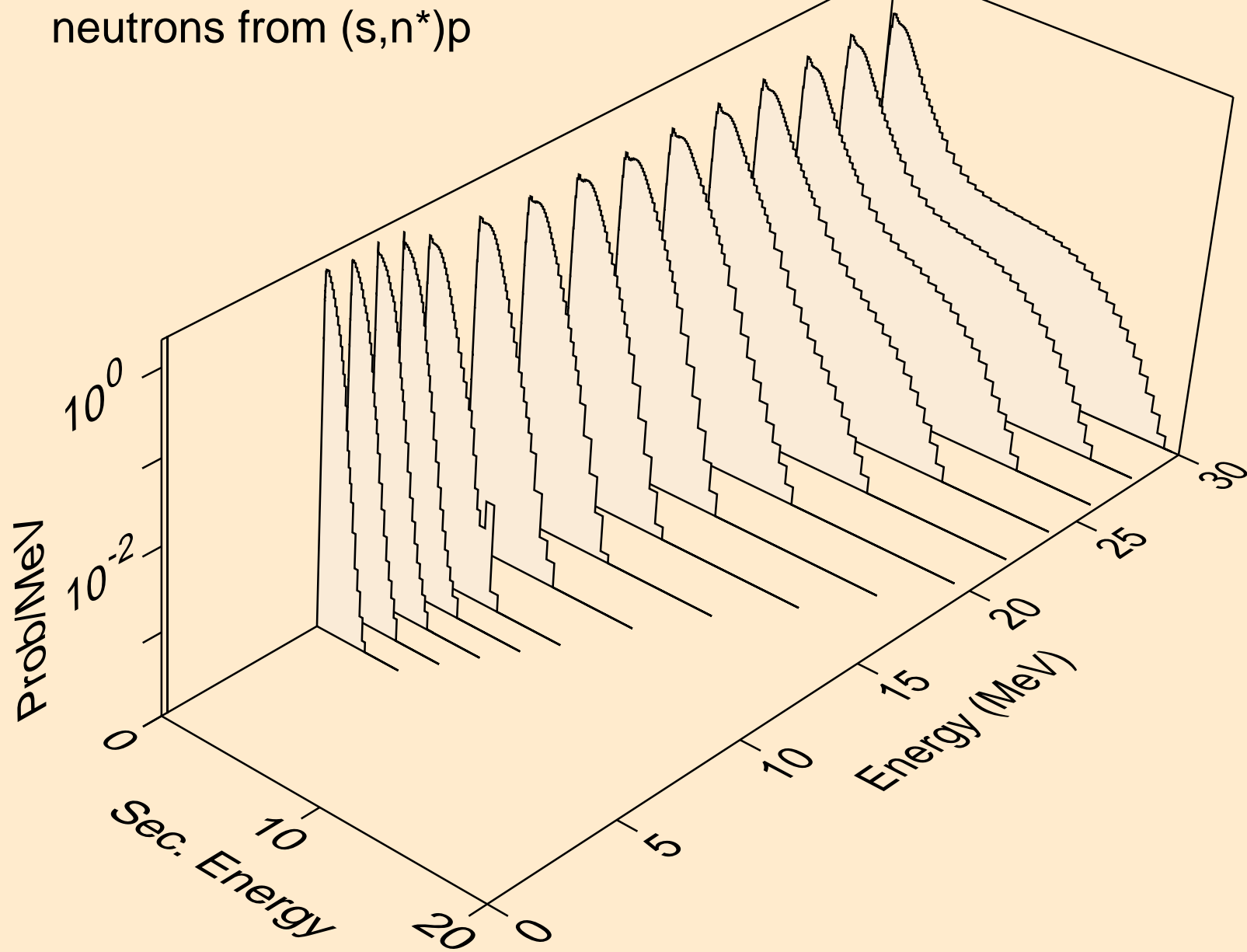
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



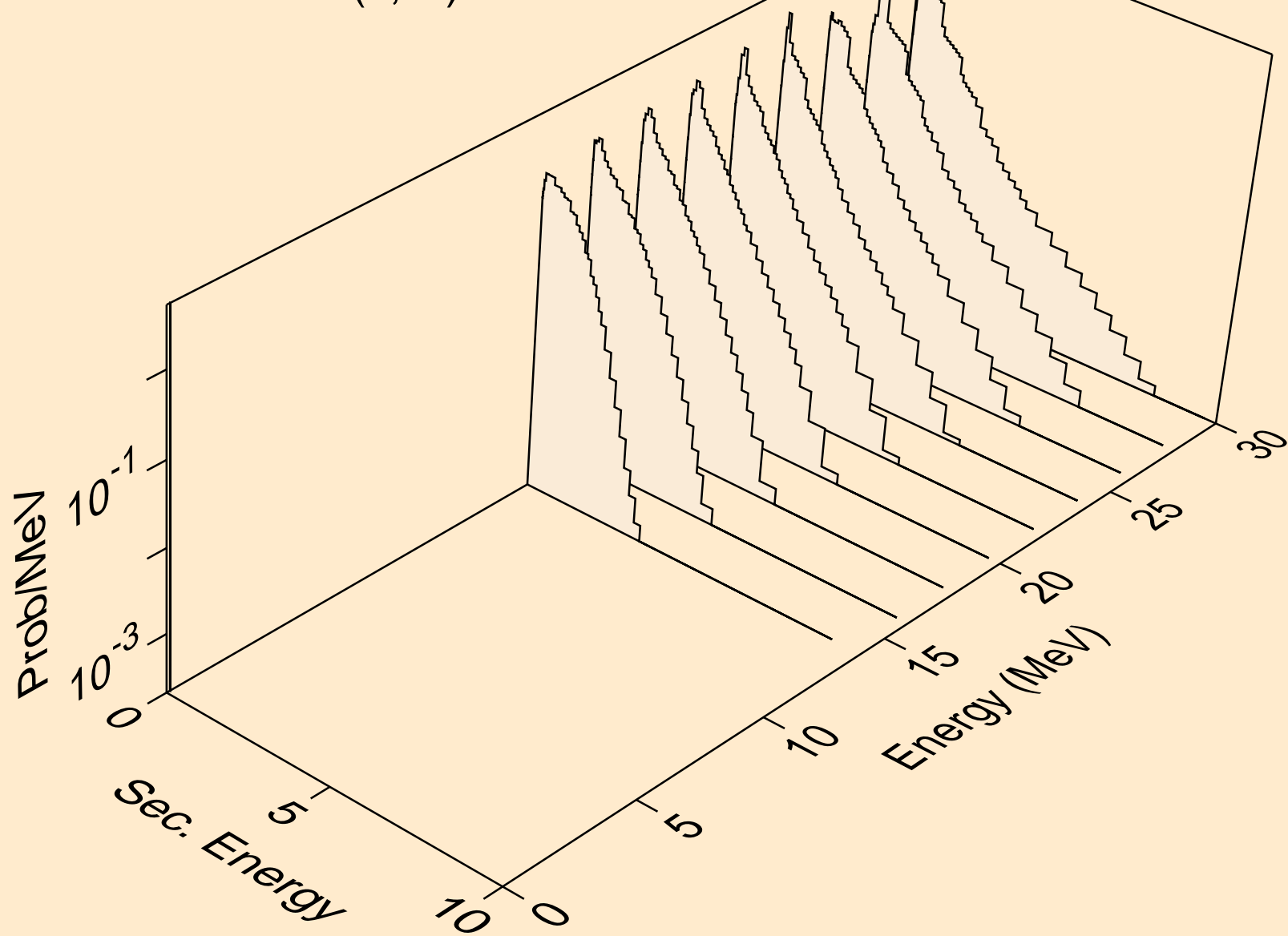
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



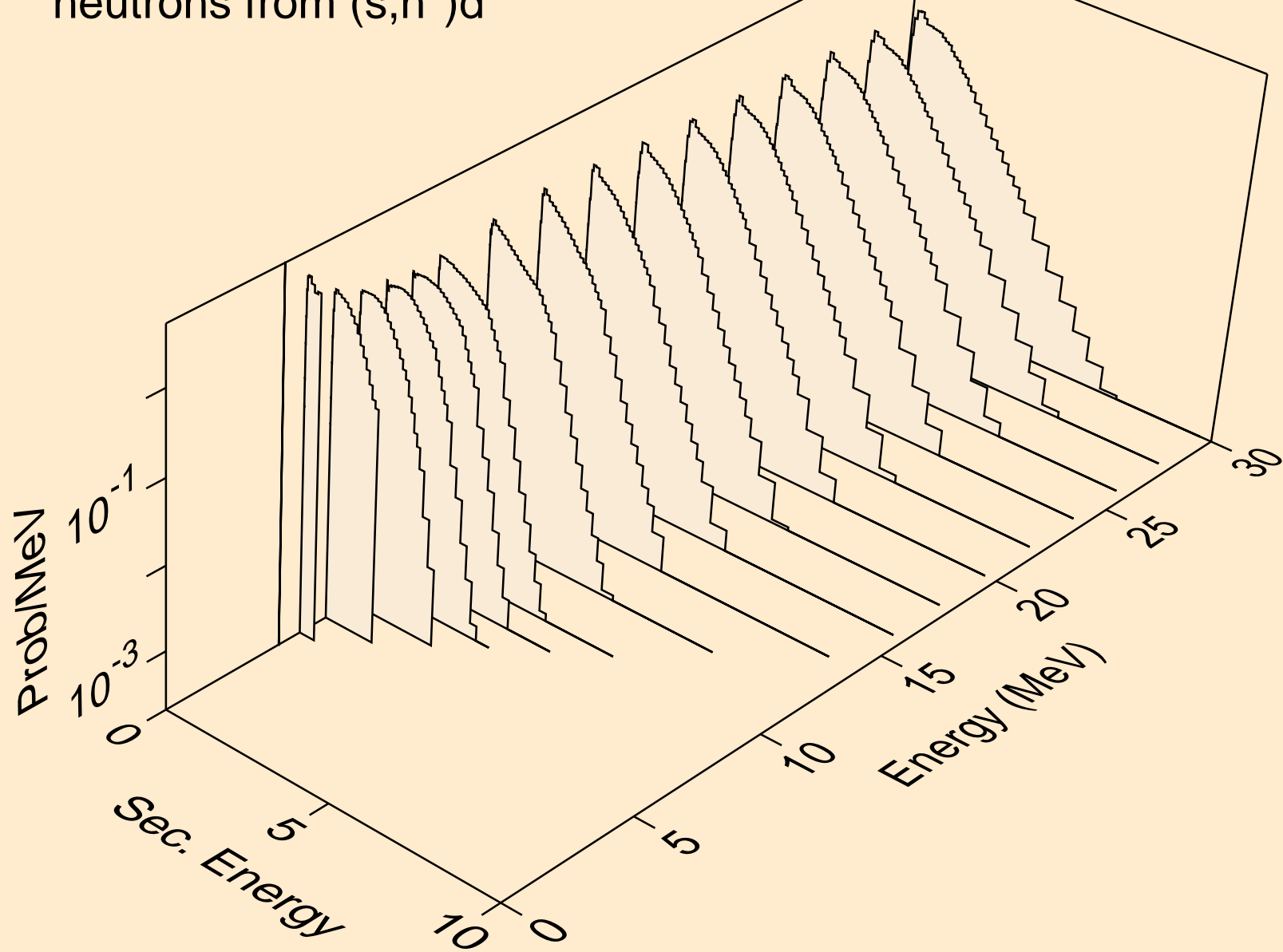
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



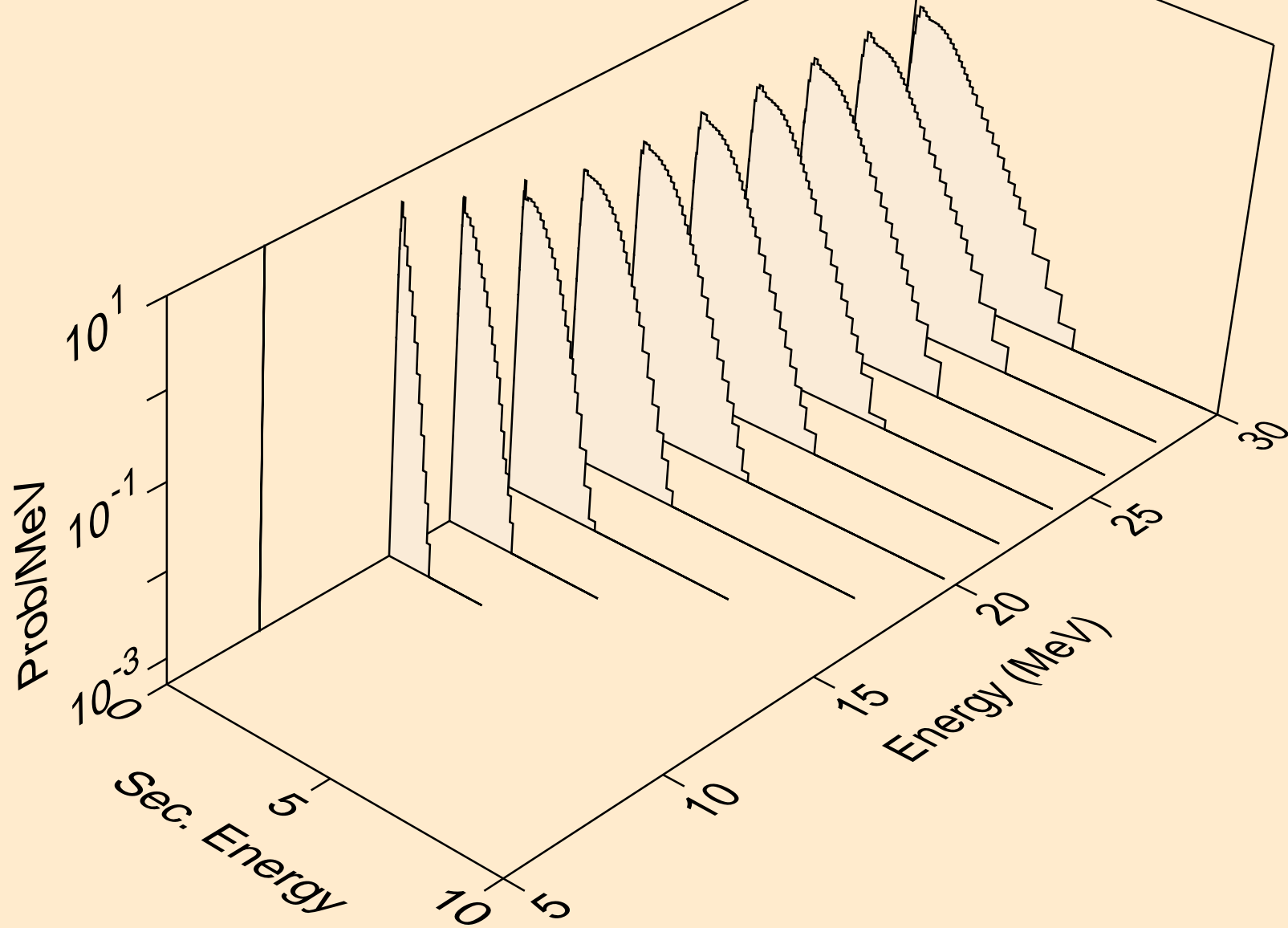
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



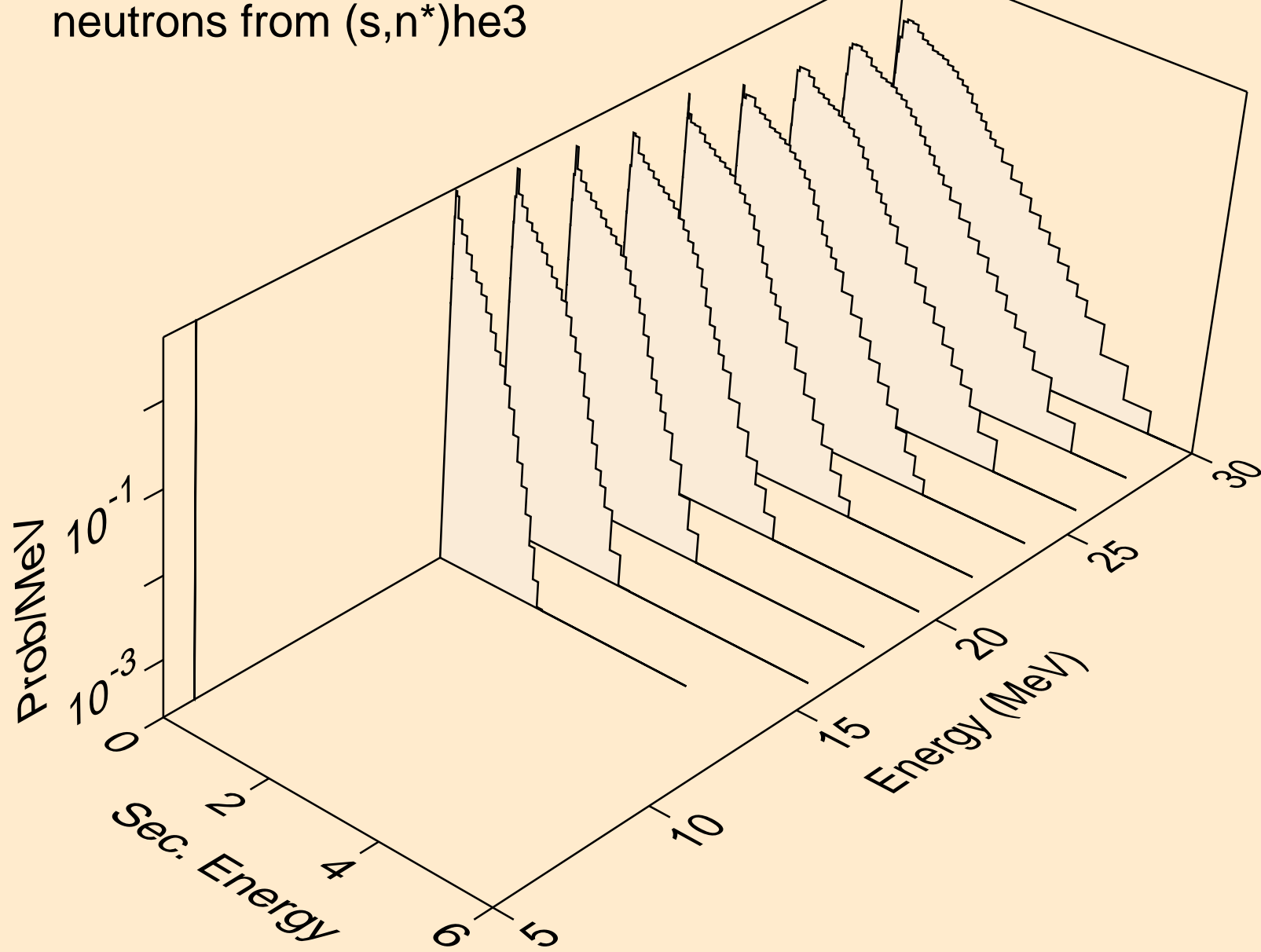
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



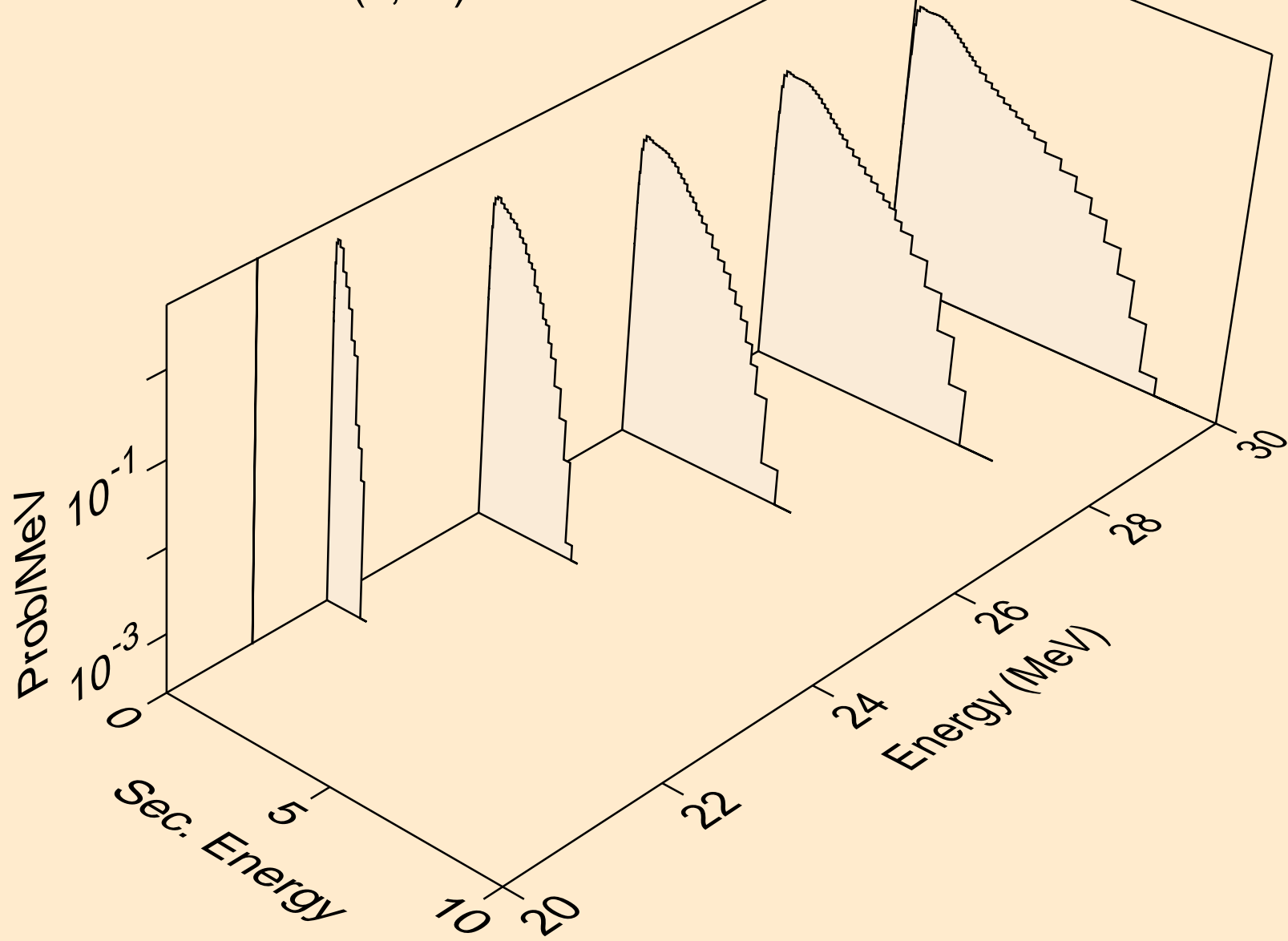
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

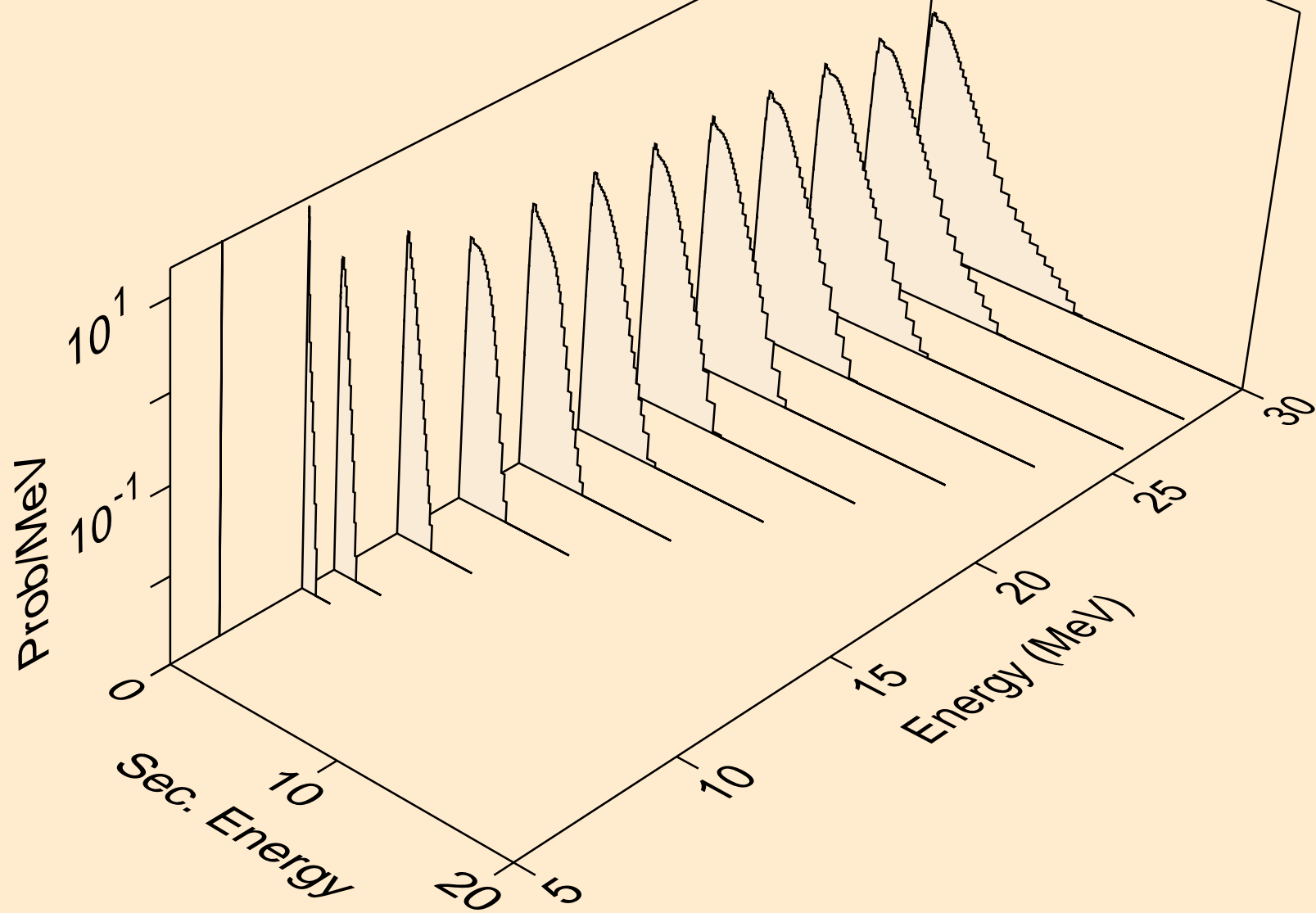


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neutrons from (s,4n)

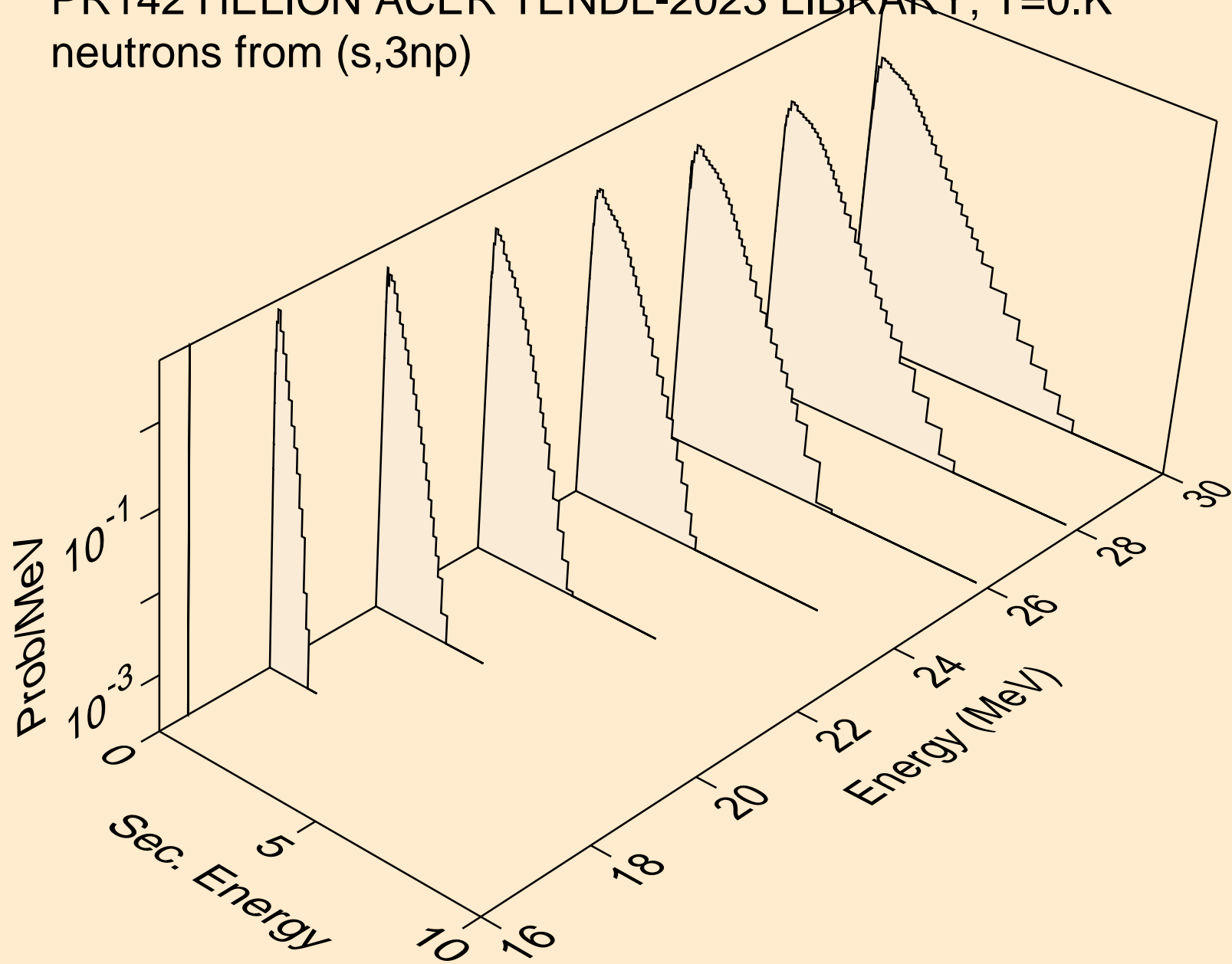




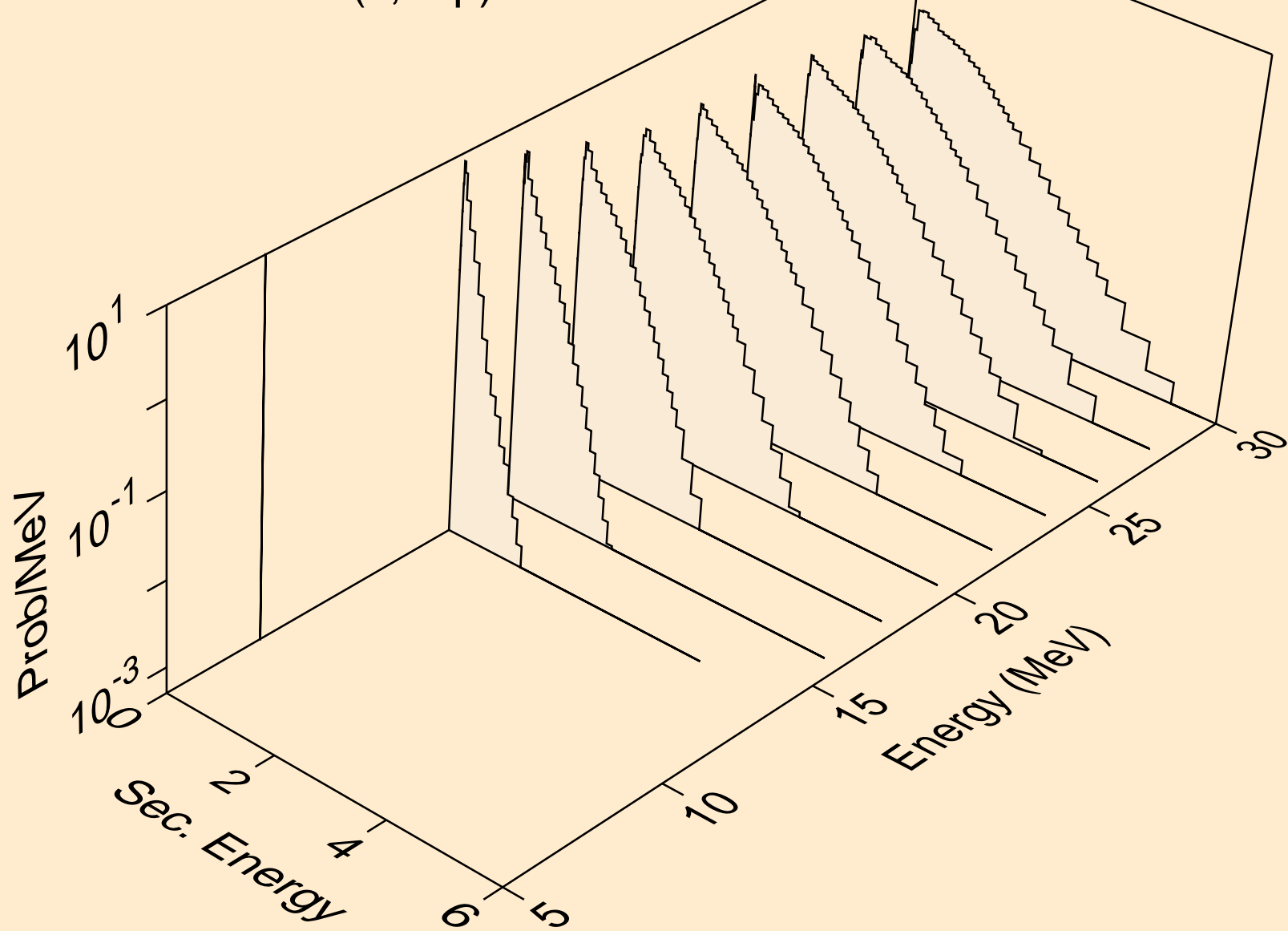
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neutrons from (s,2np)



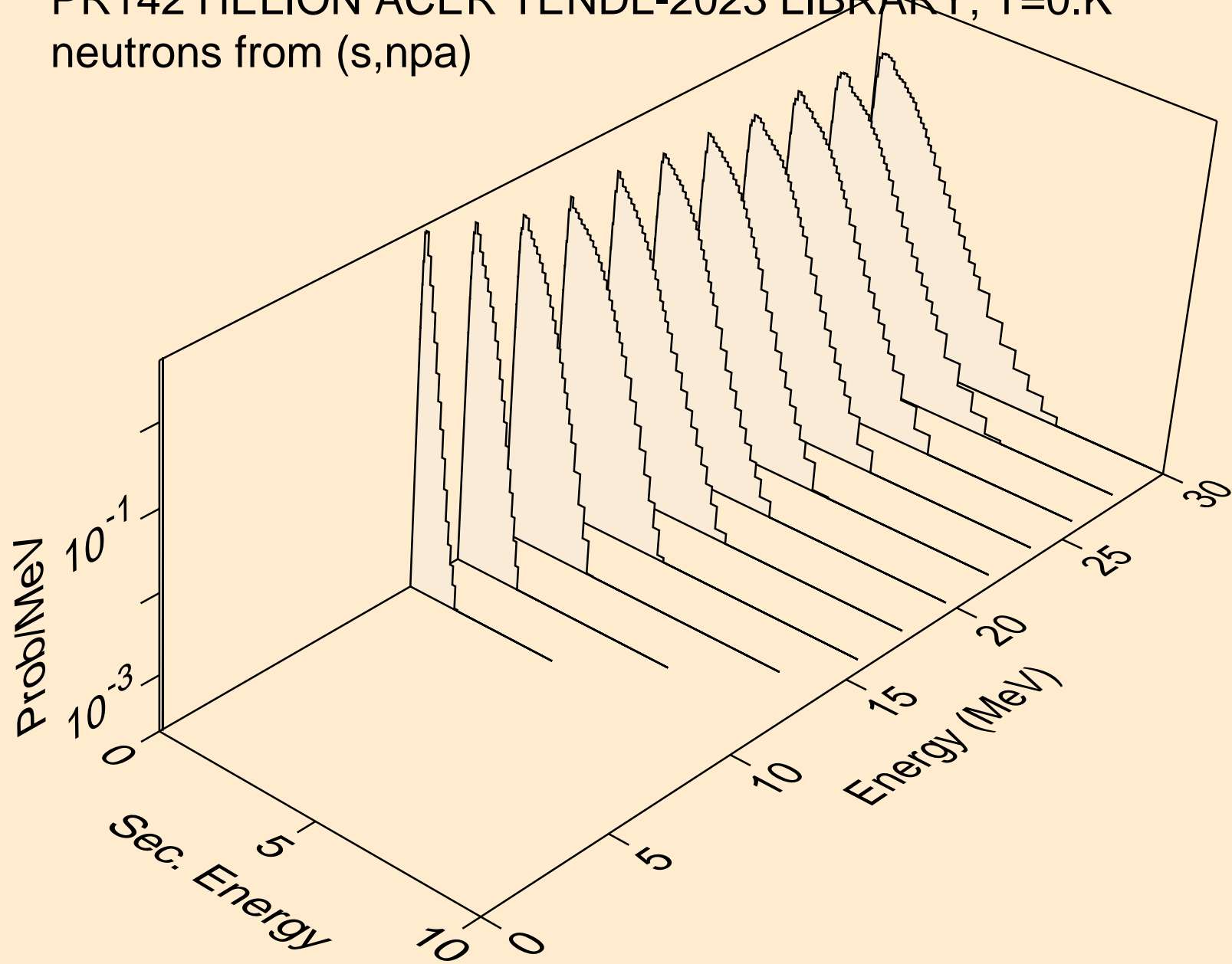
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neutrons from (s,3np)



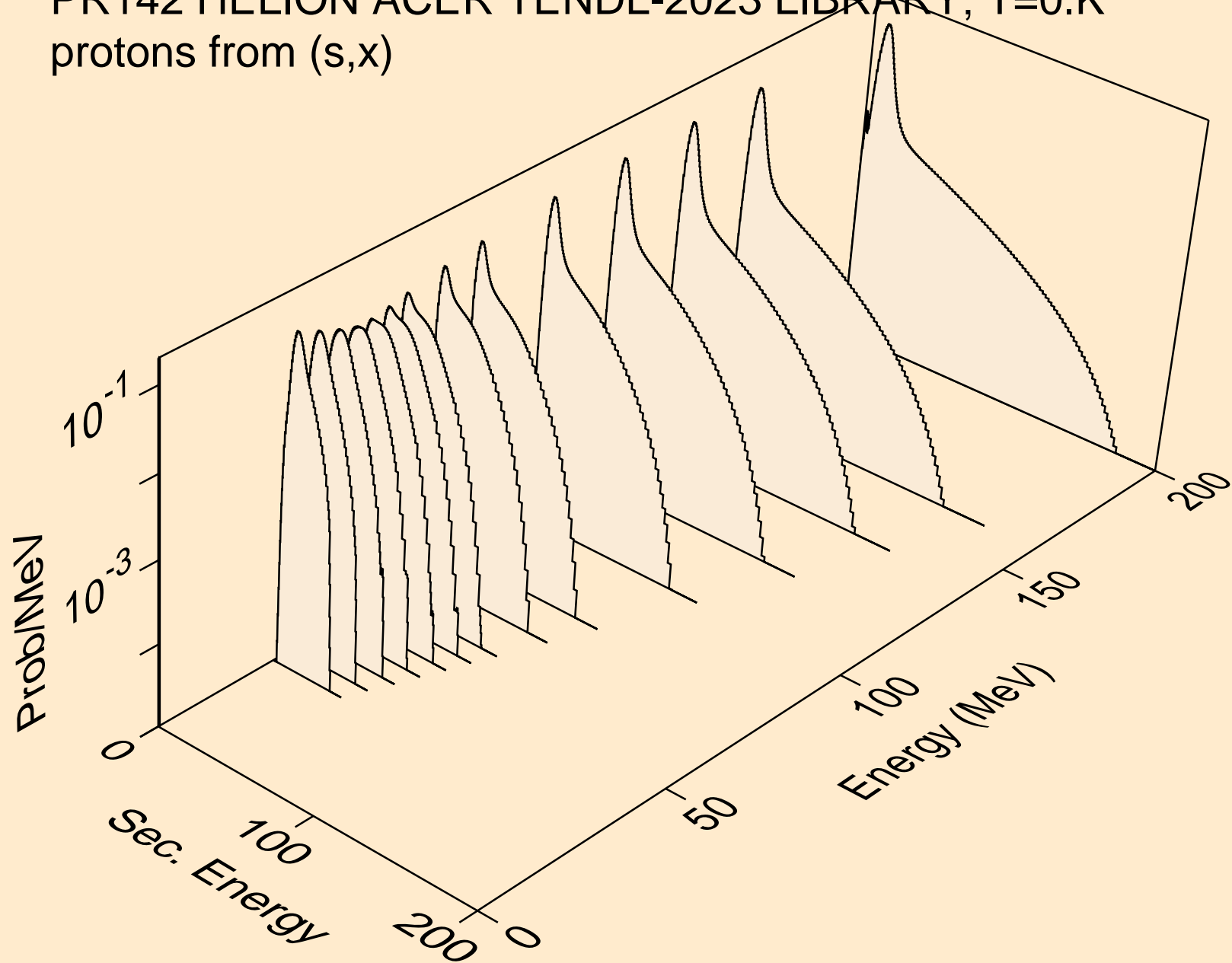
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



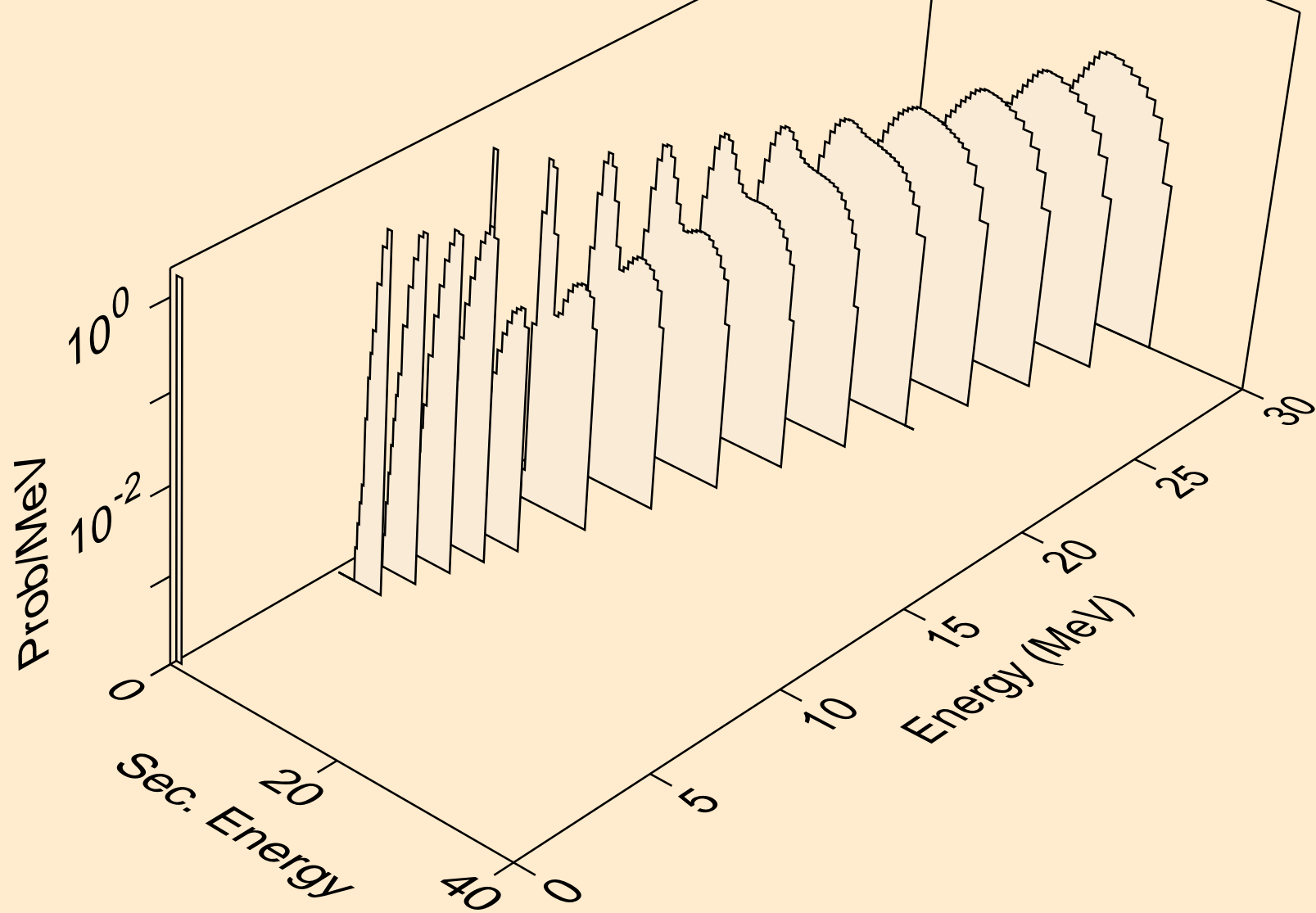
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



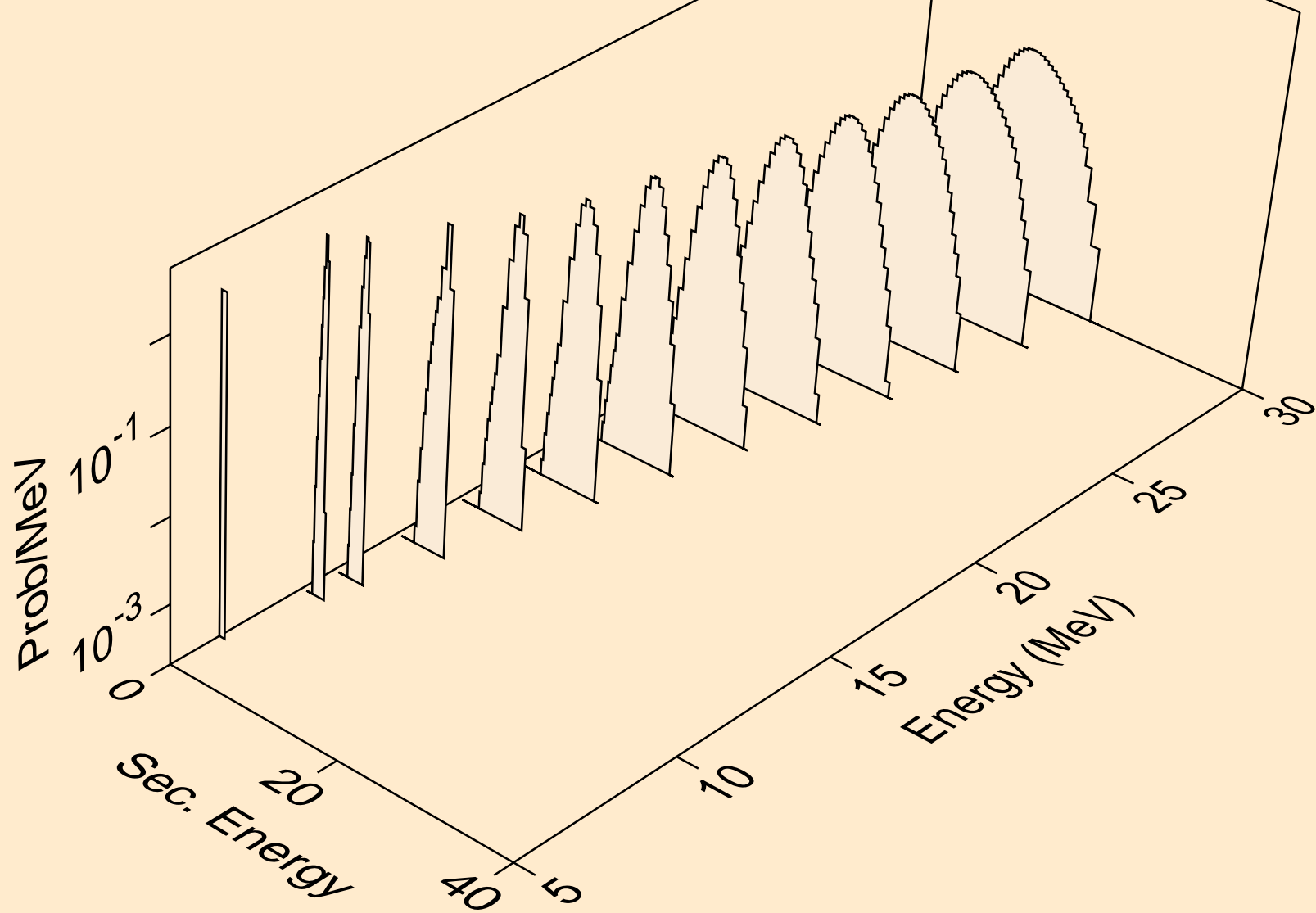
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



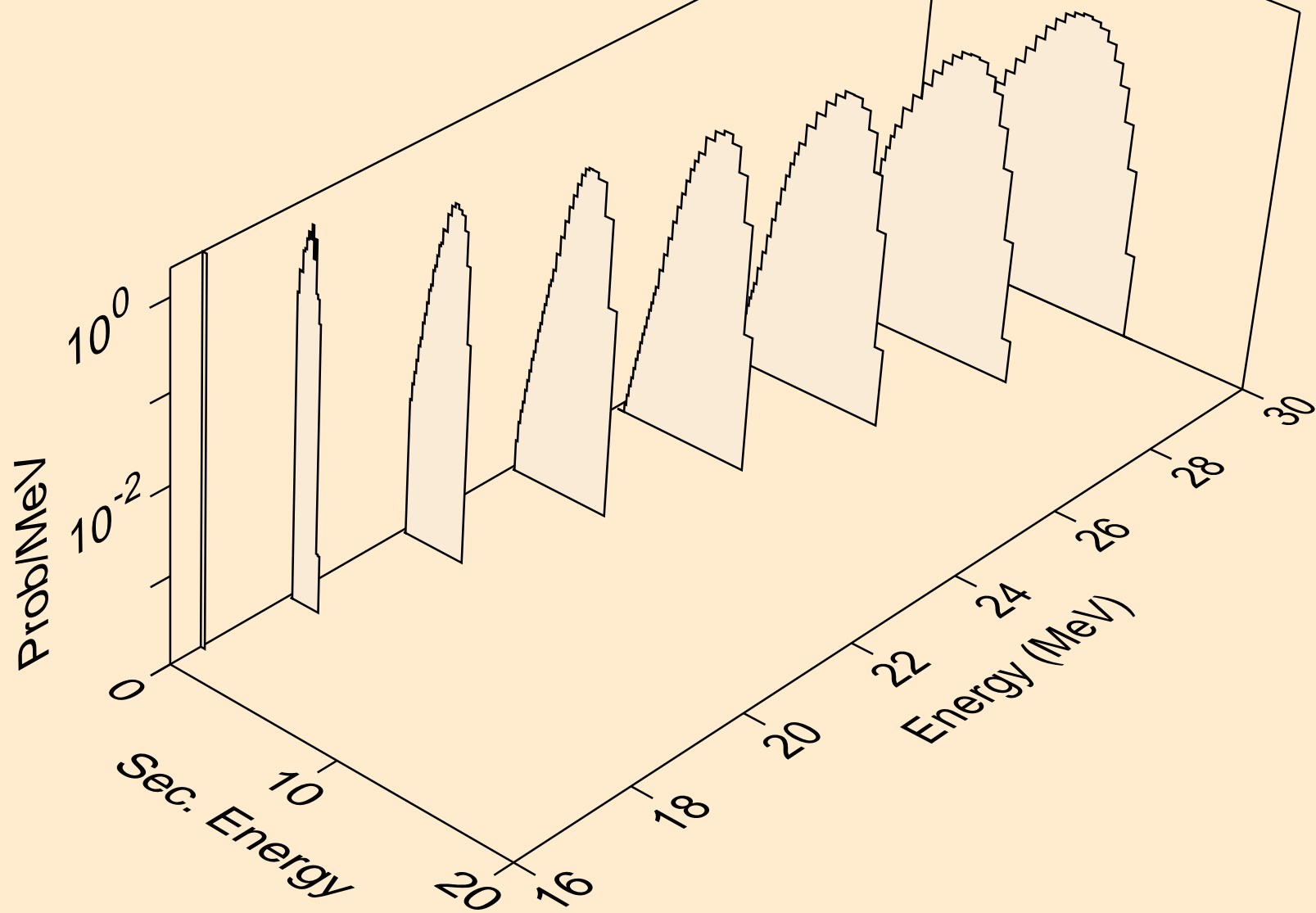
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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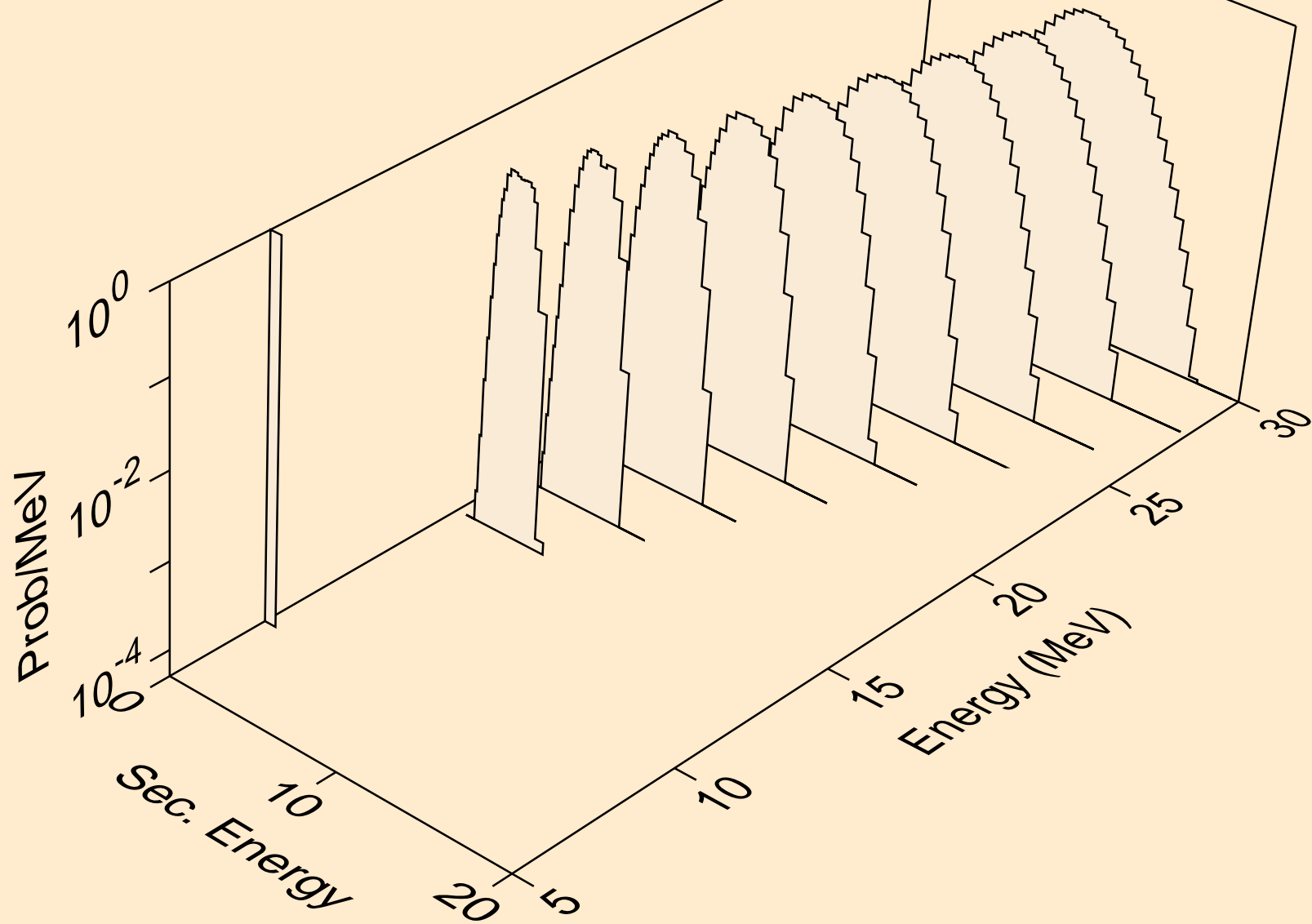


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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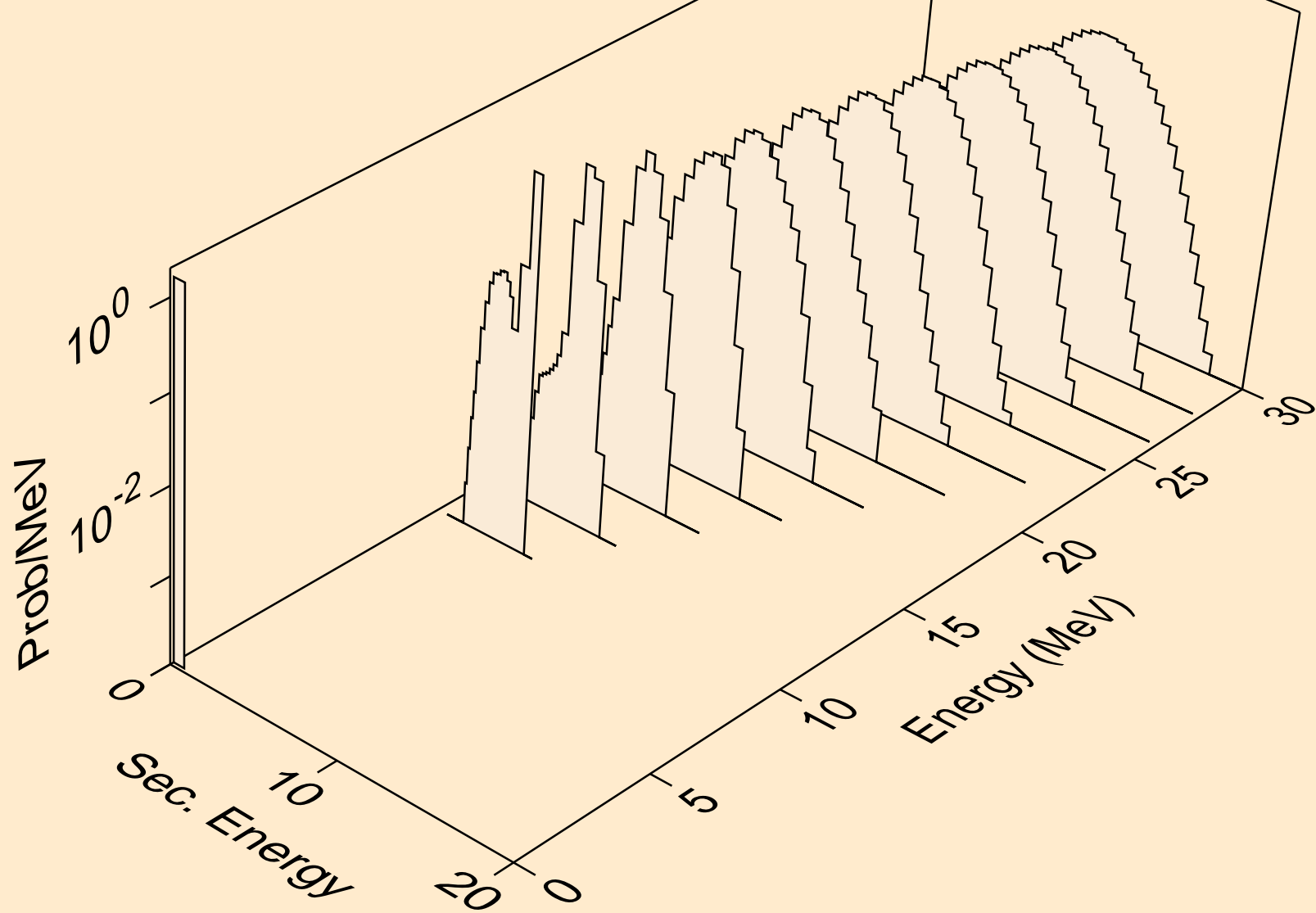




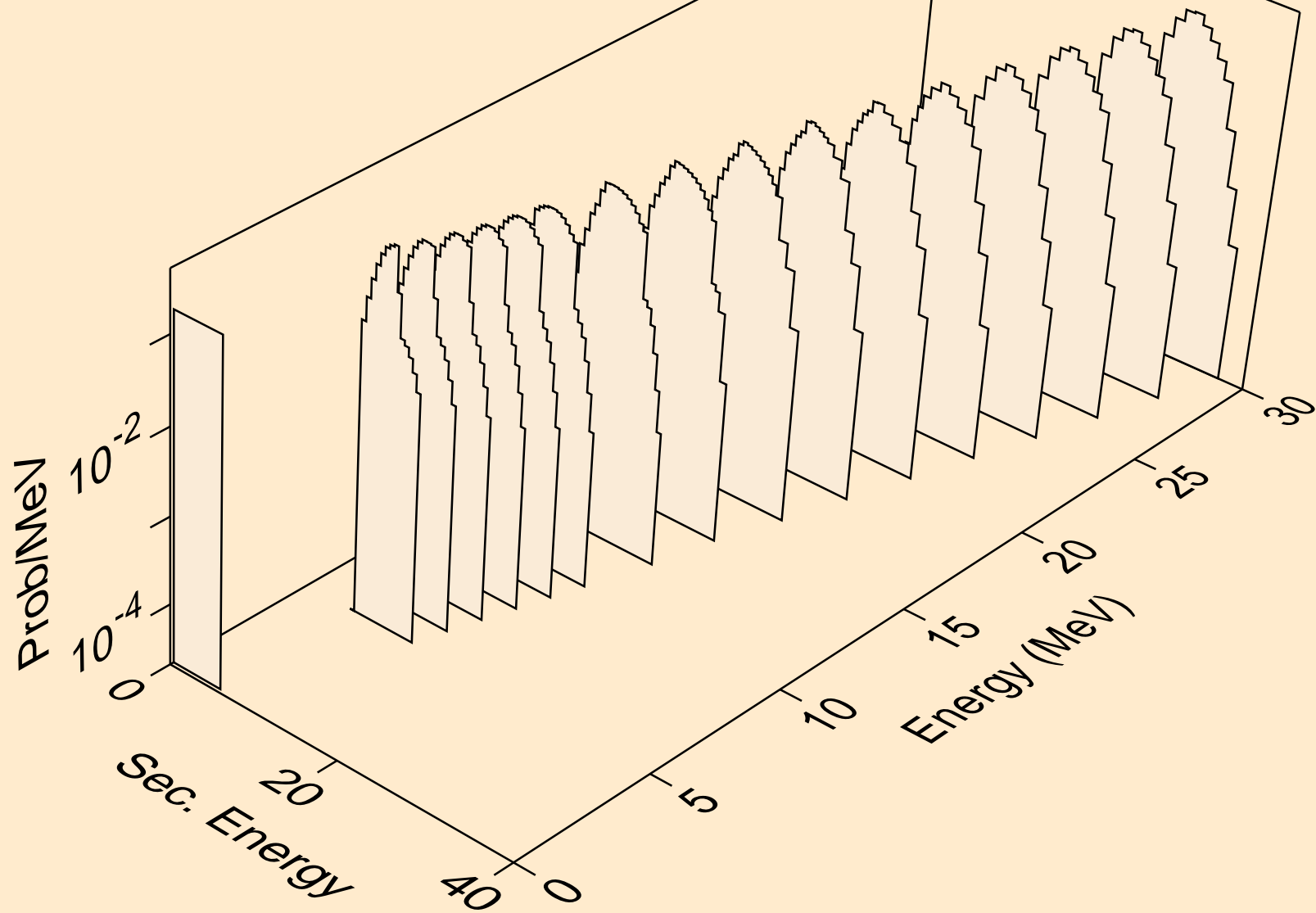
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



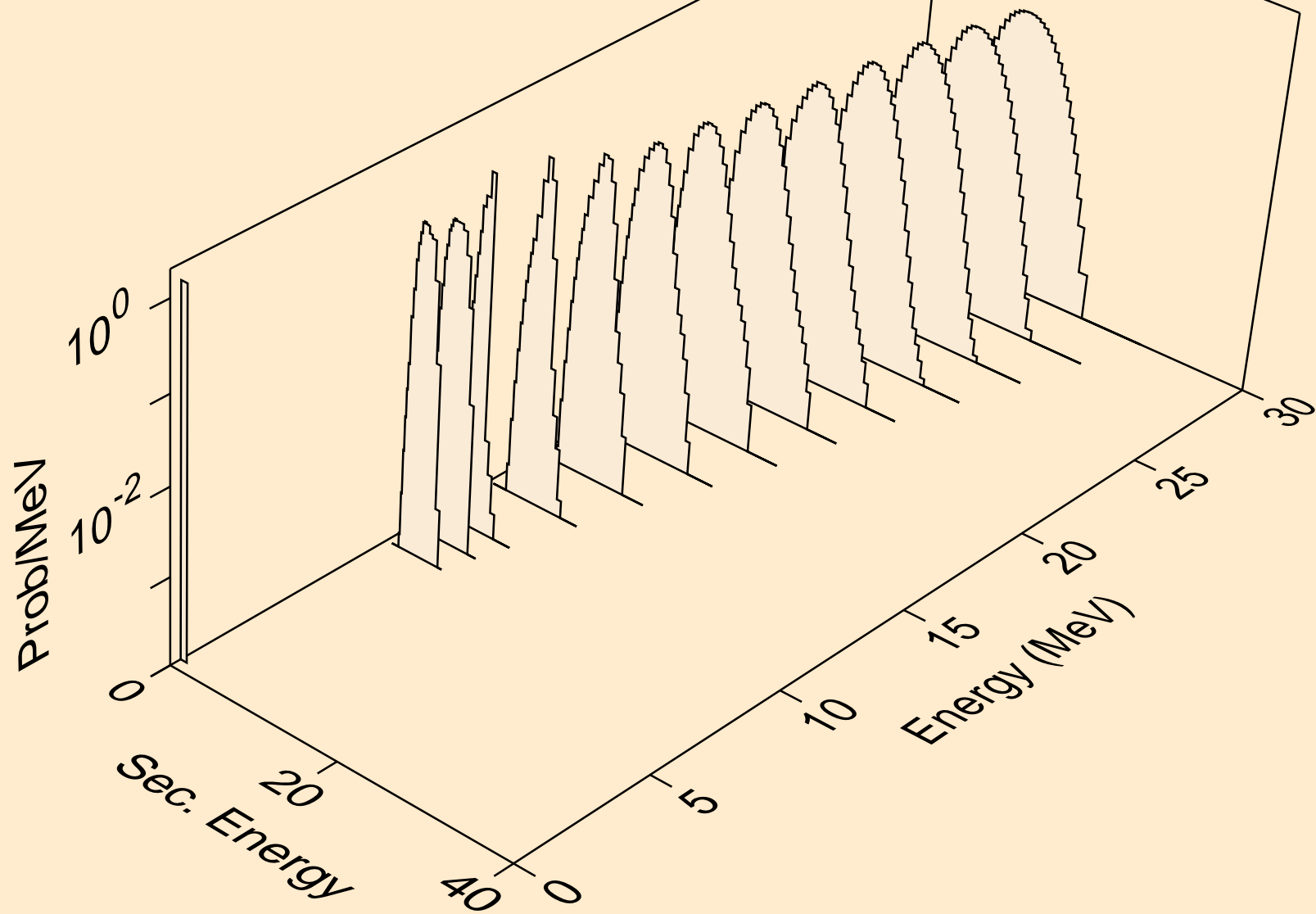
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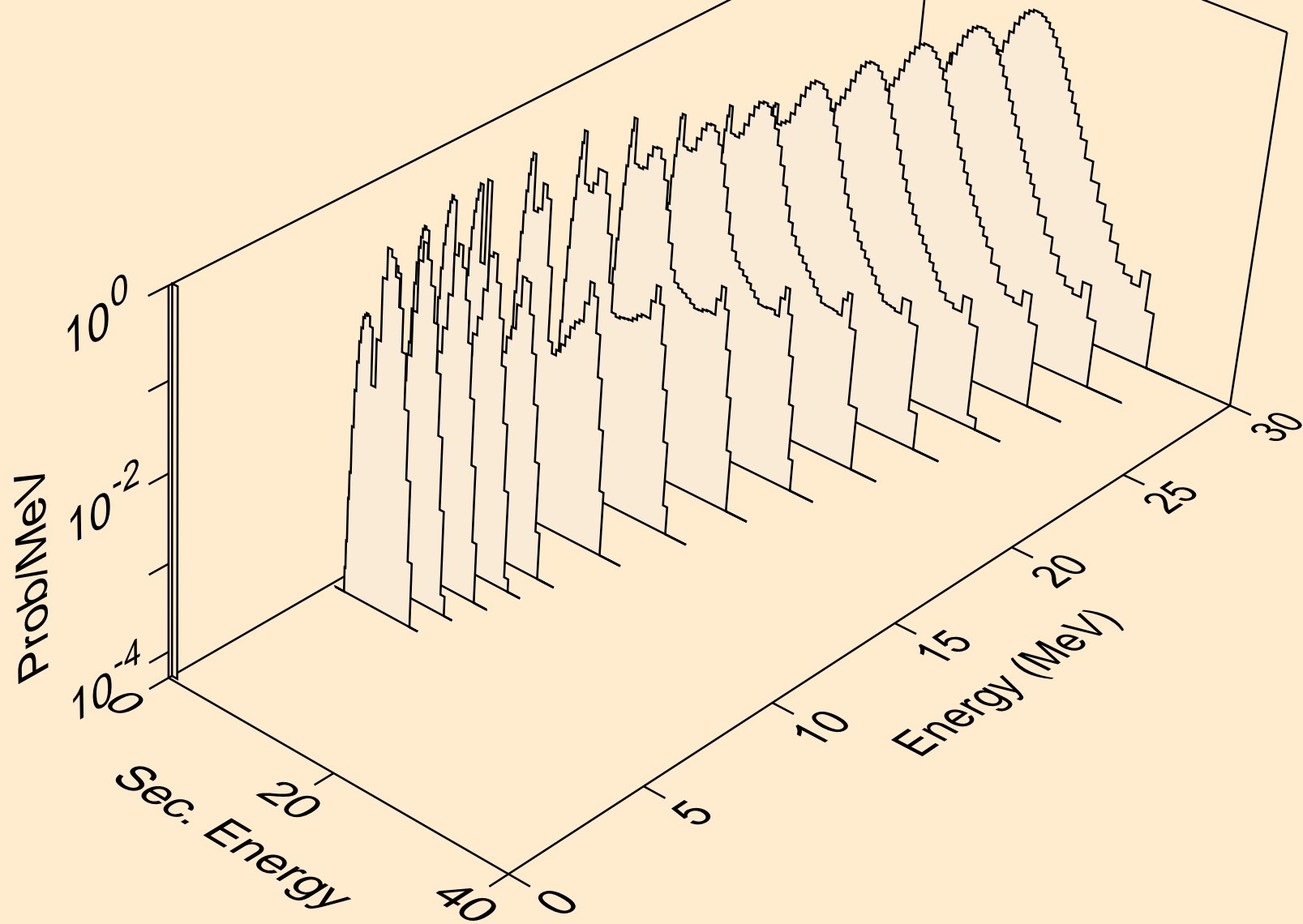
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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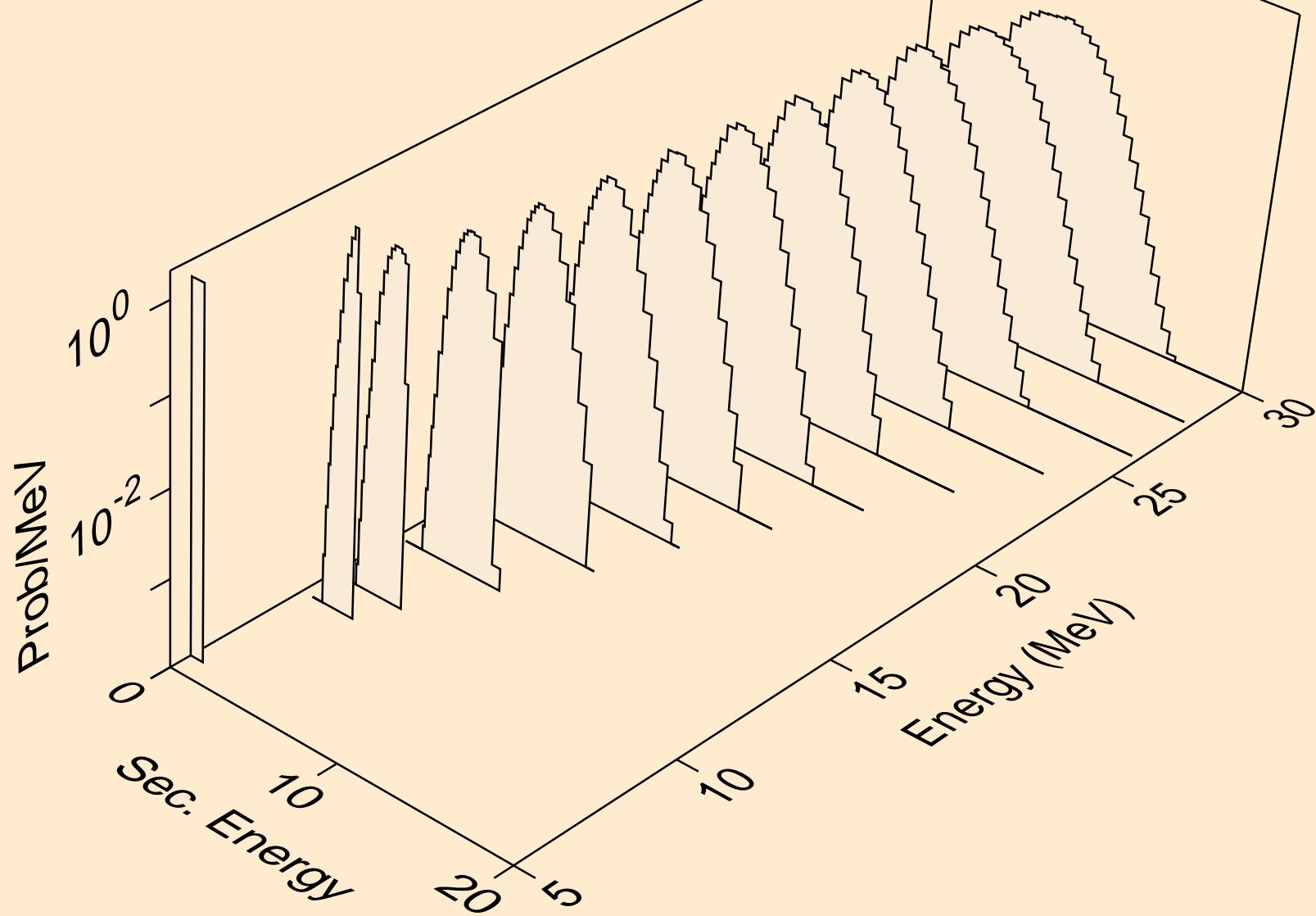
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



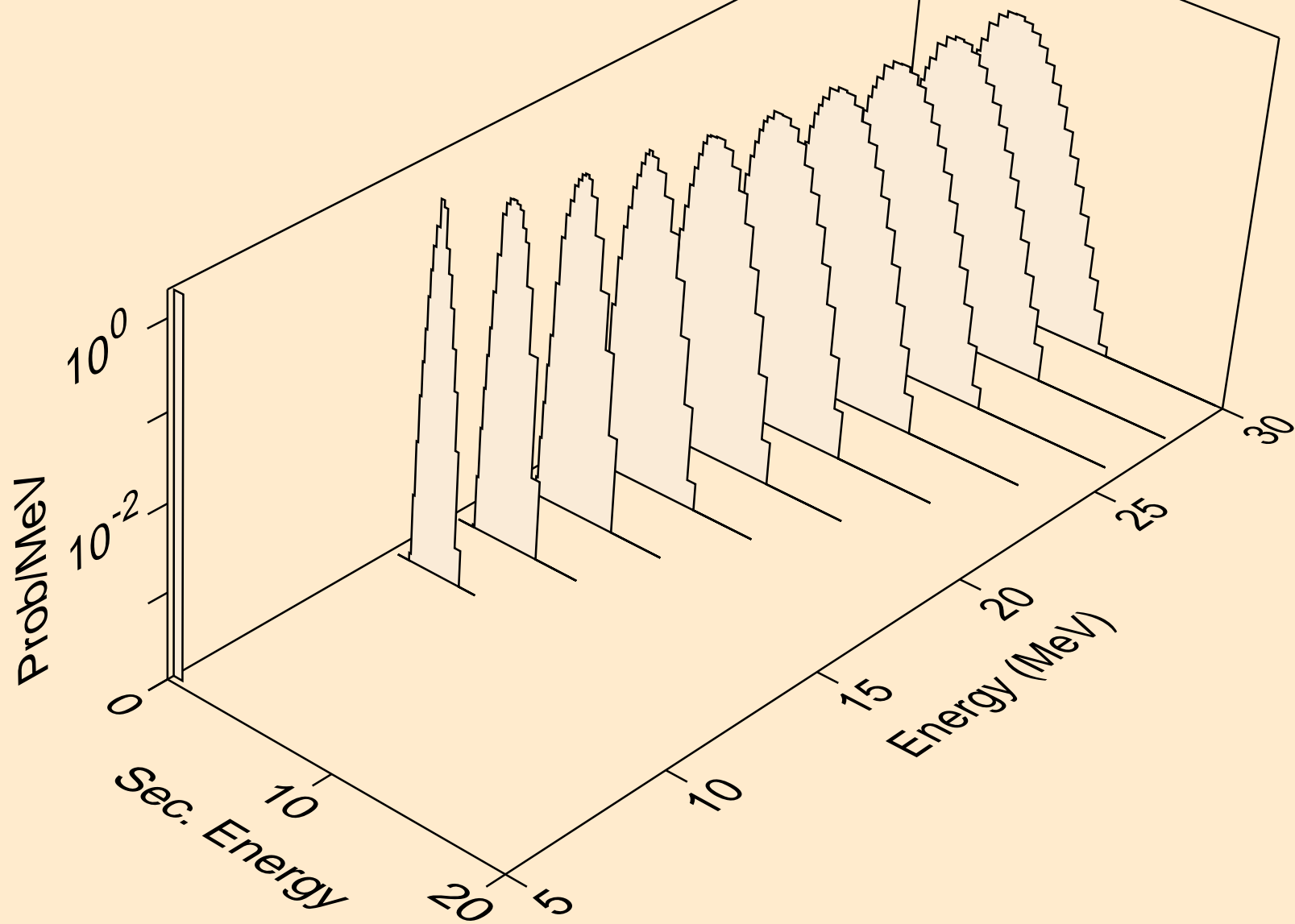
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



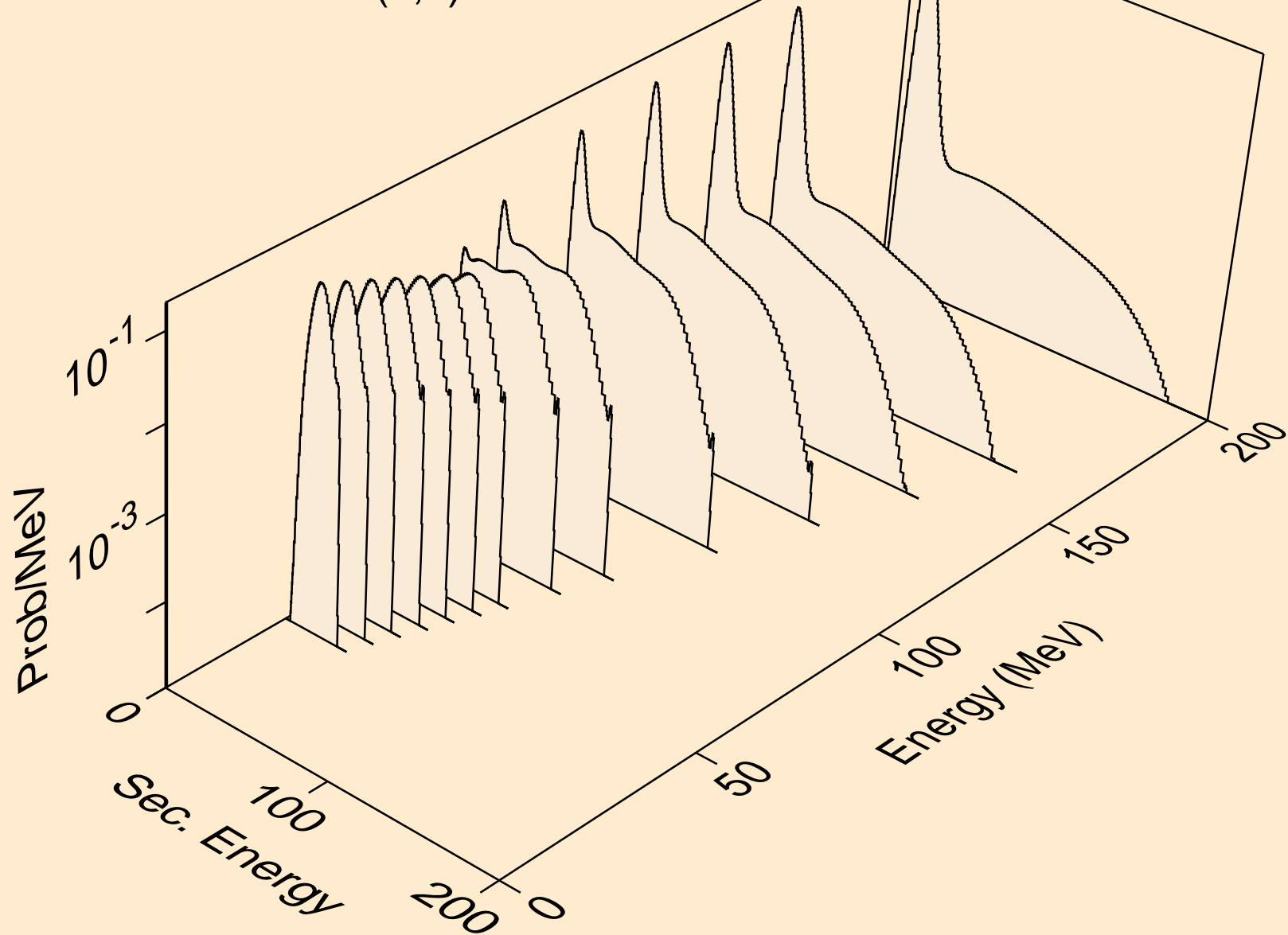
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

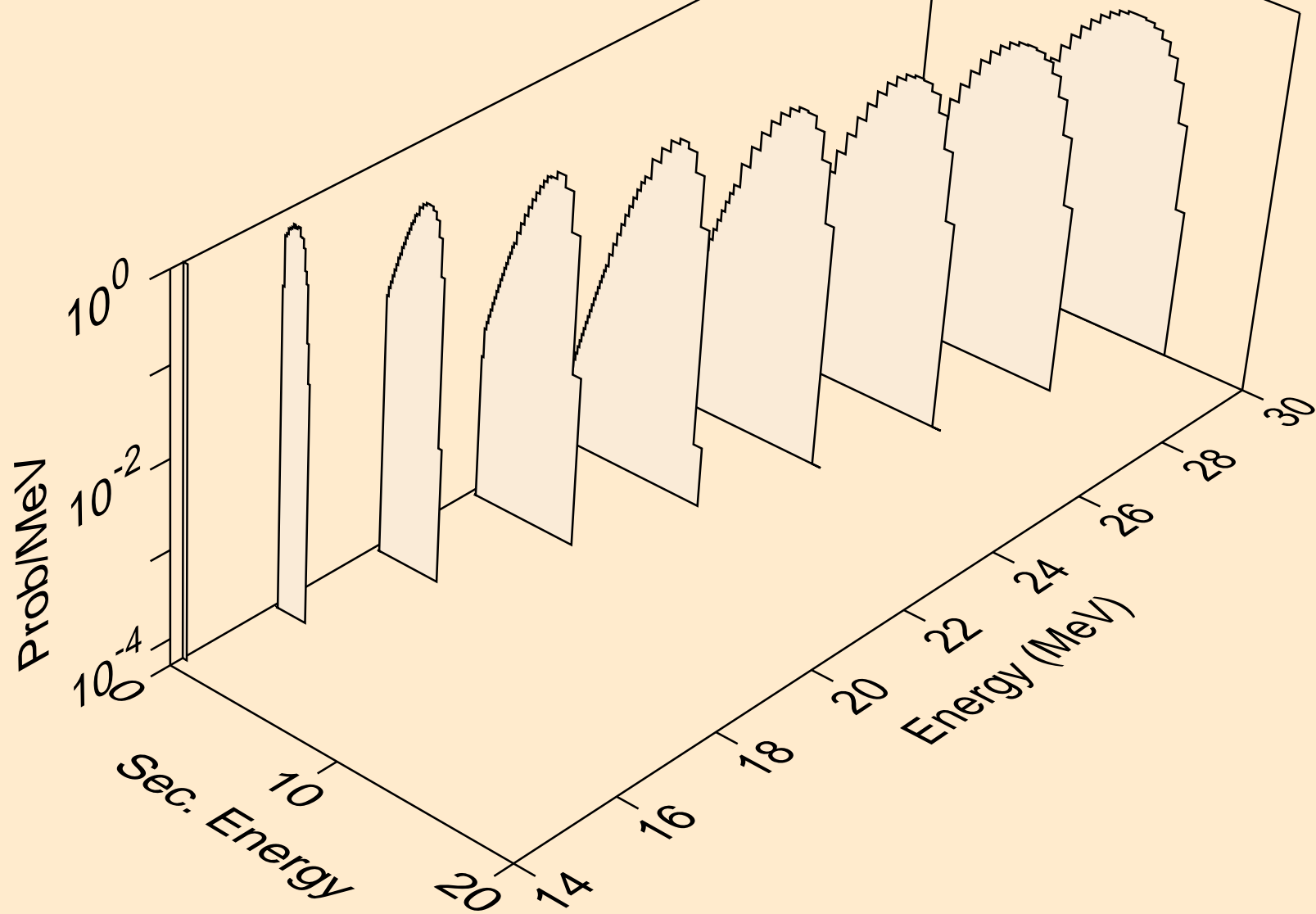


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

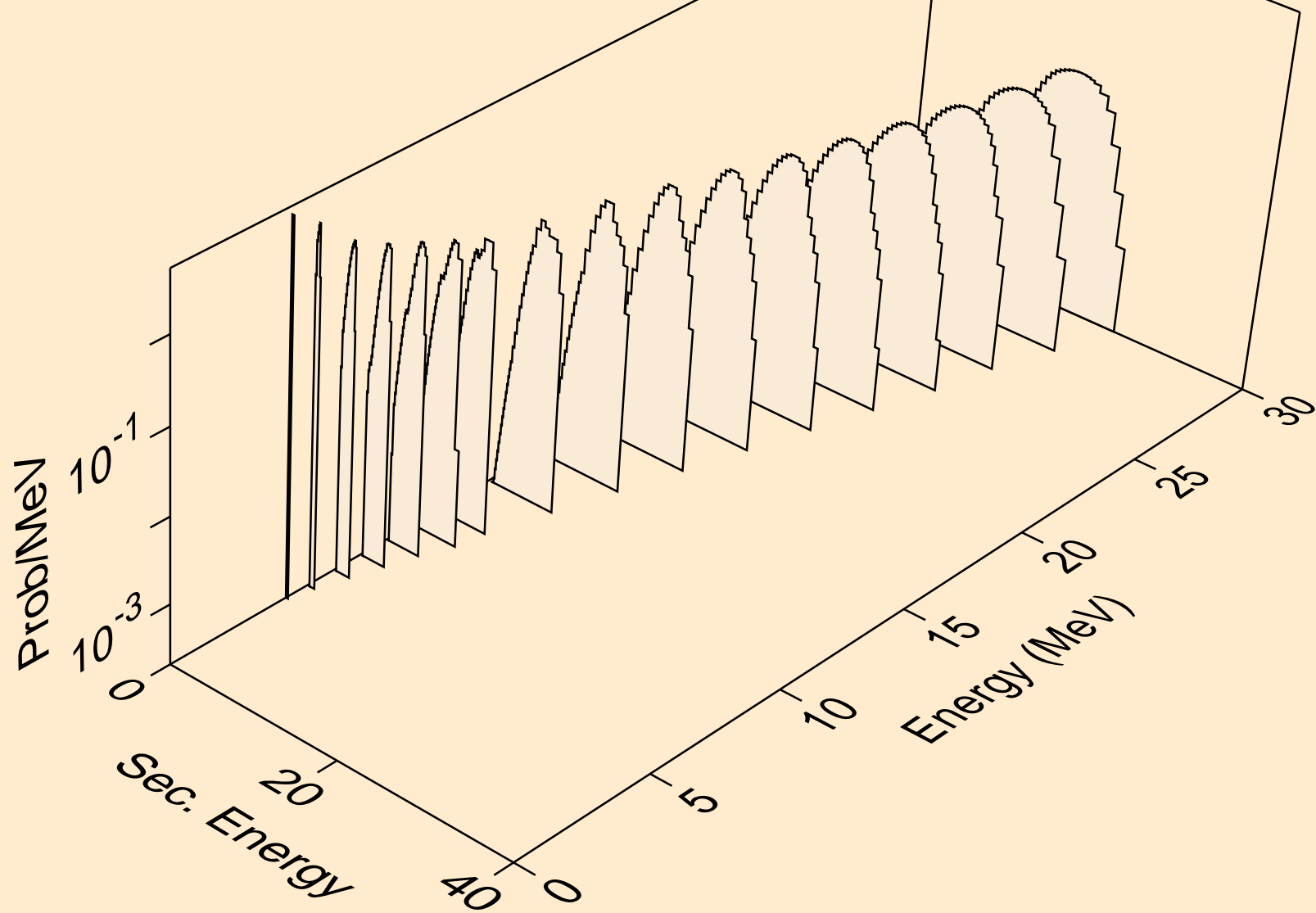




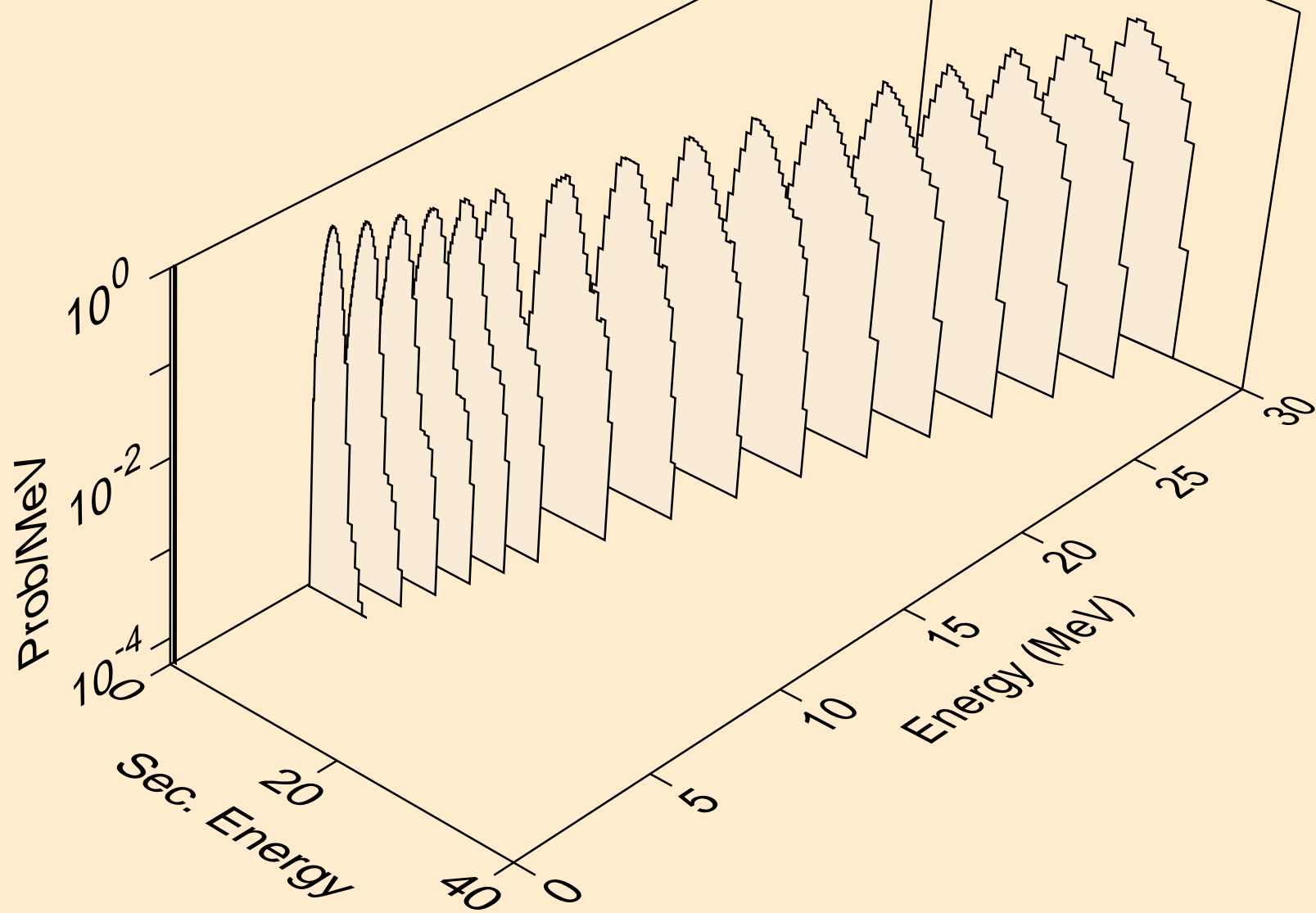
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



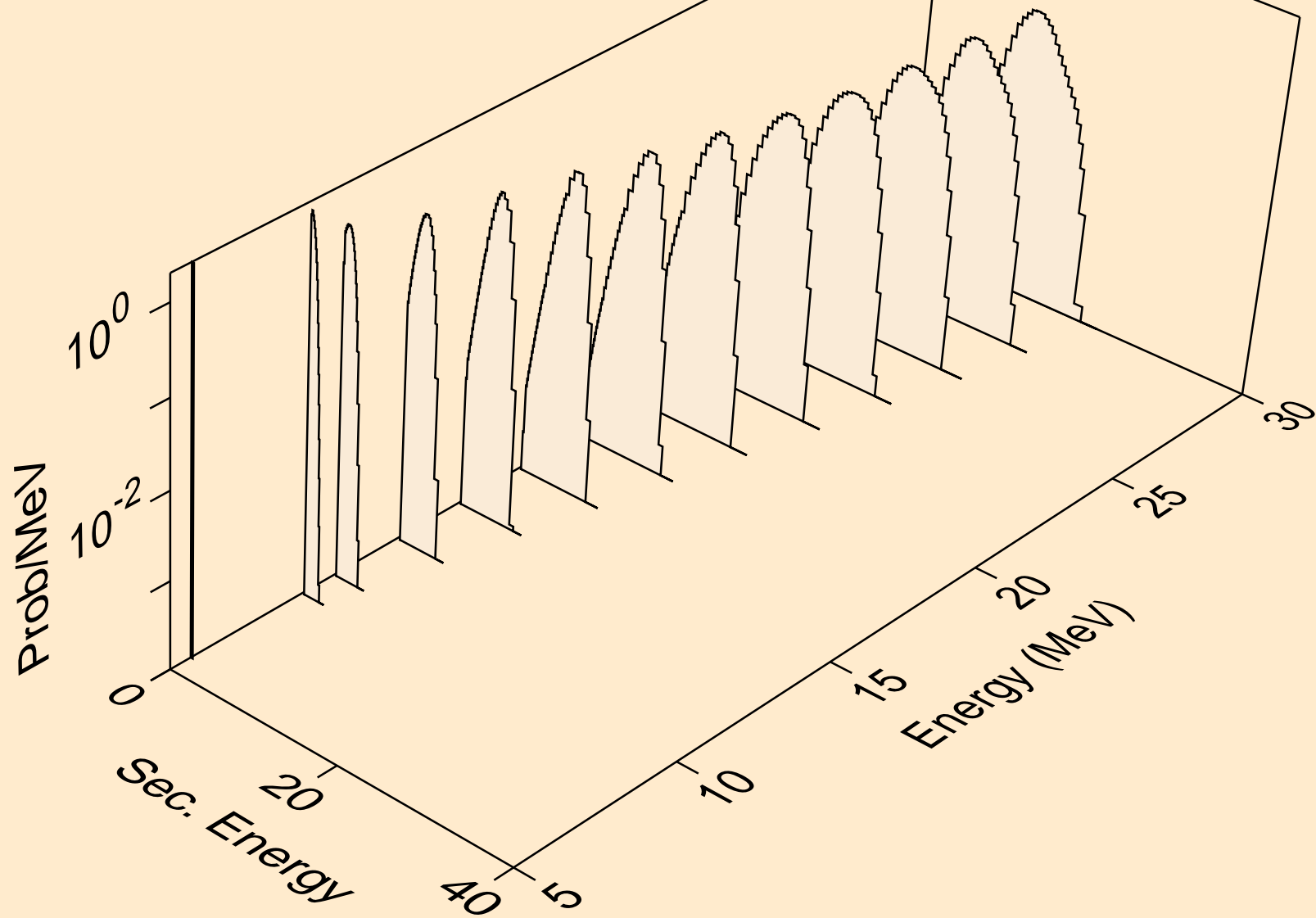
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



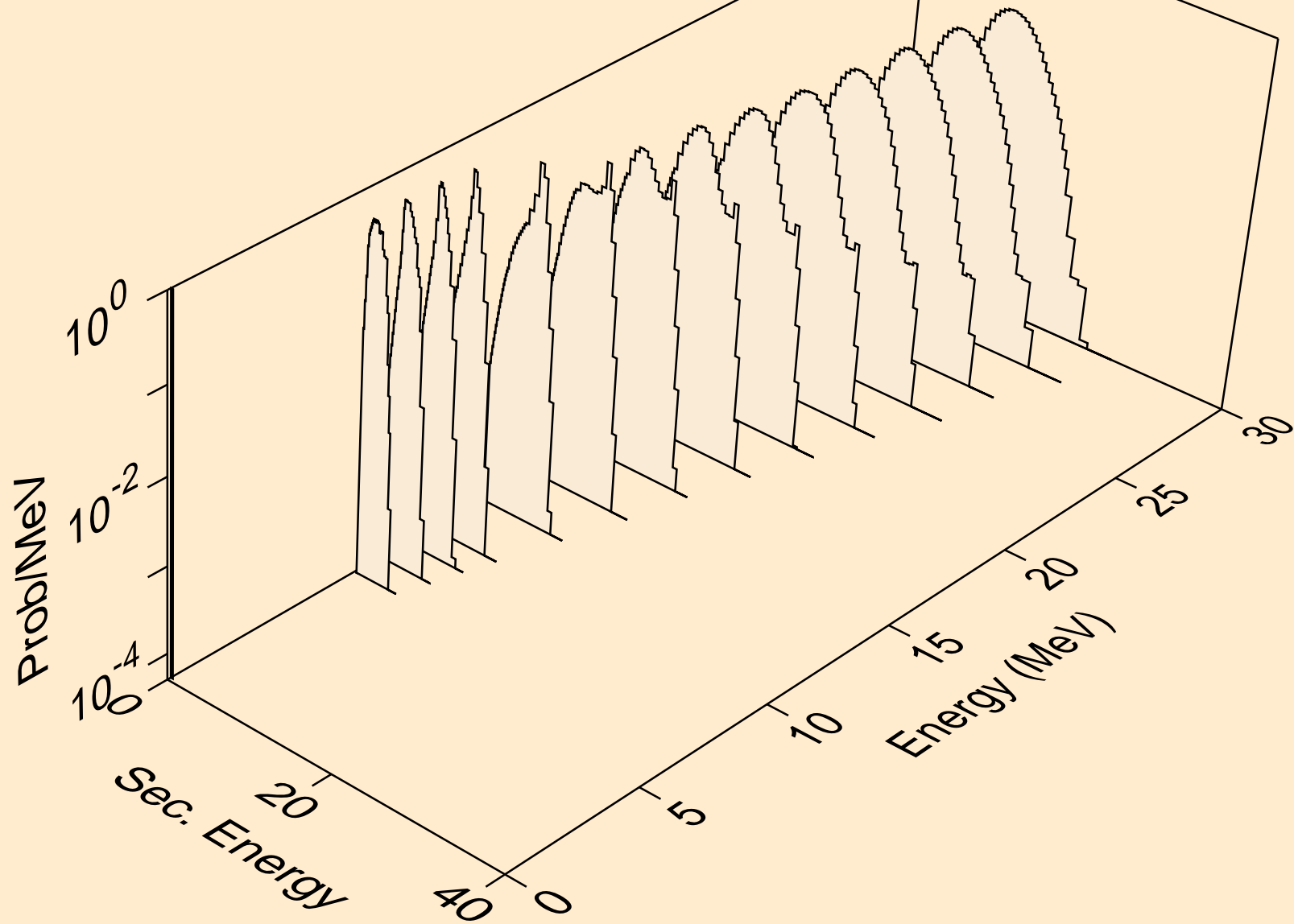
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deuterons from (s,d)



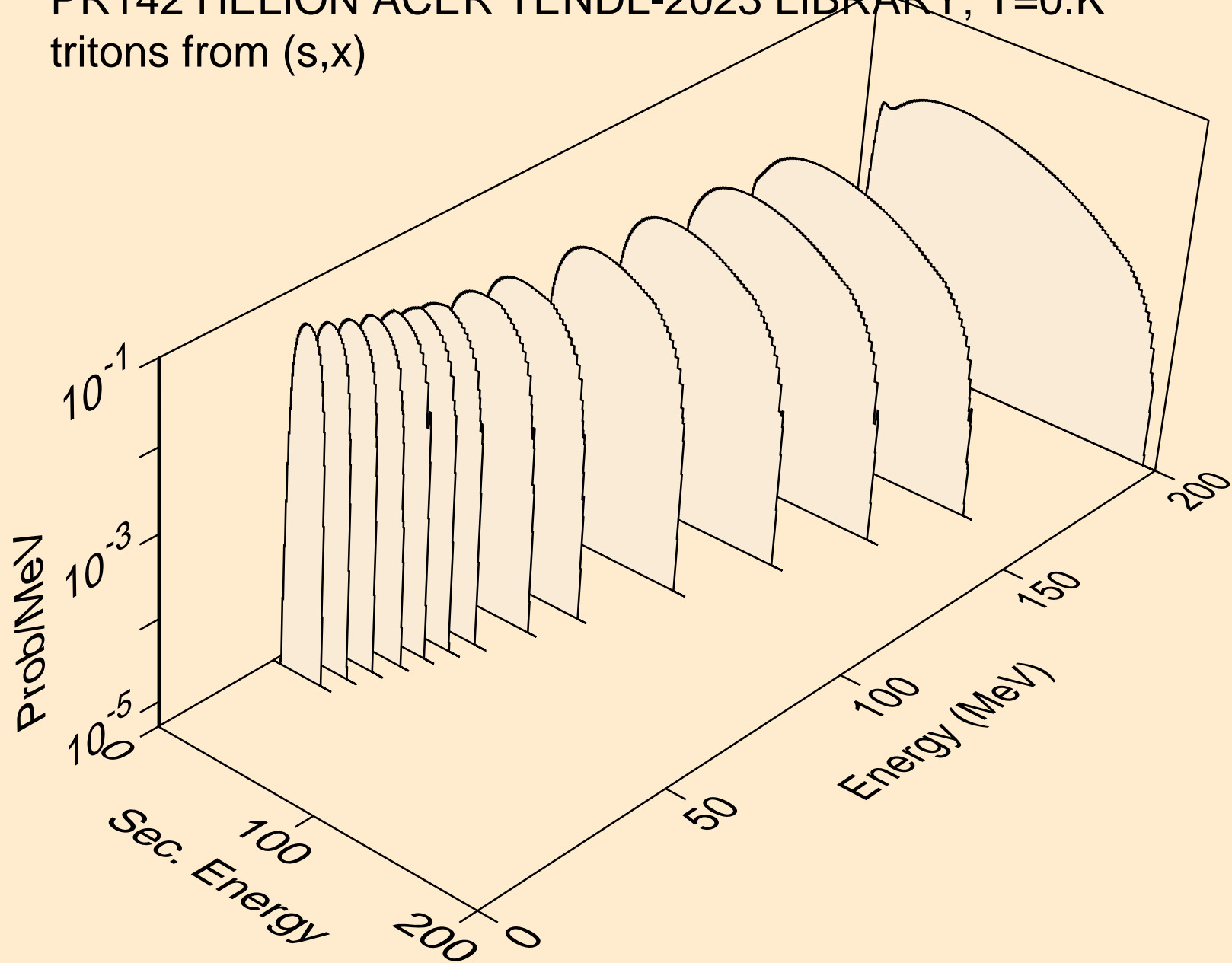
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deuterons from (s,pd)



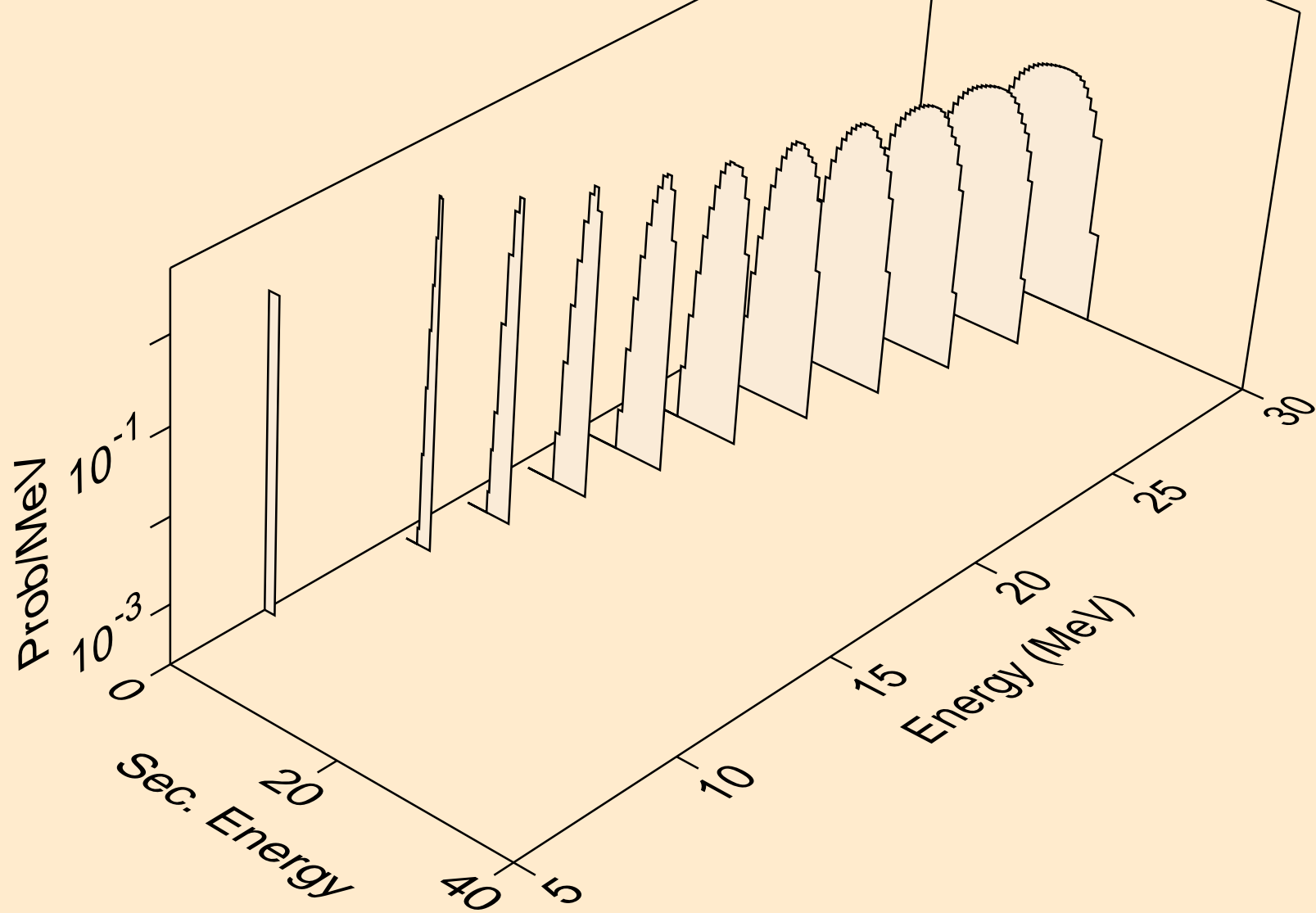
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



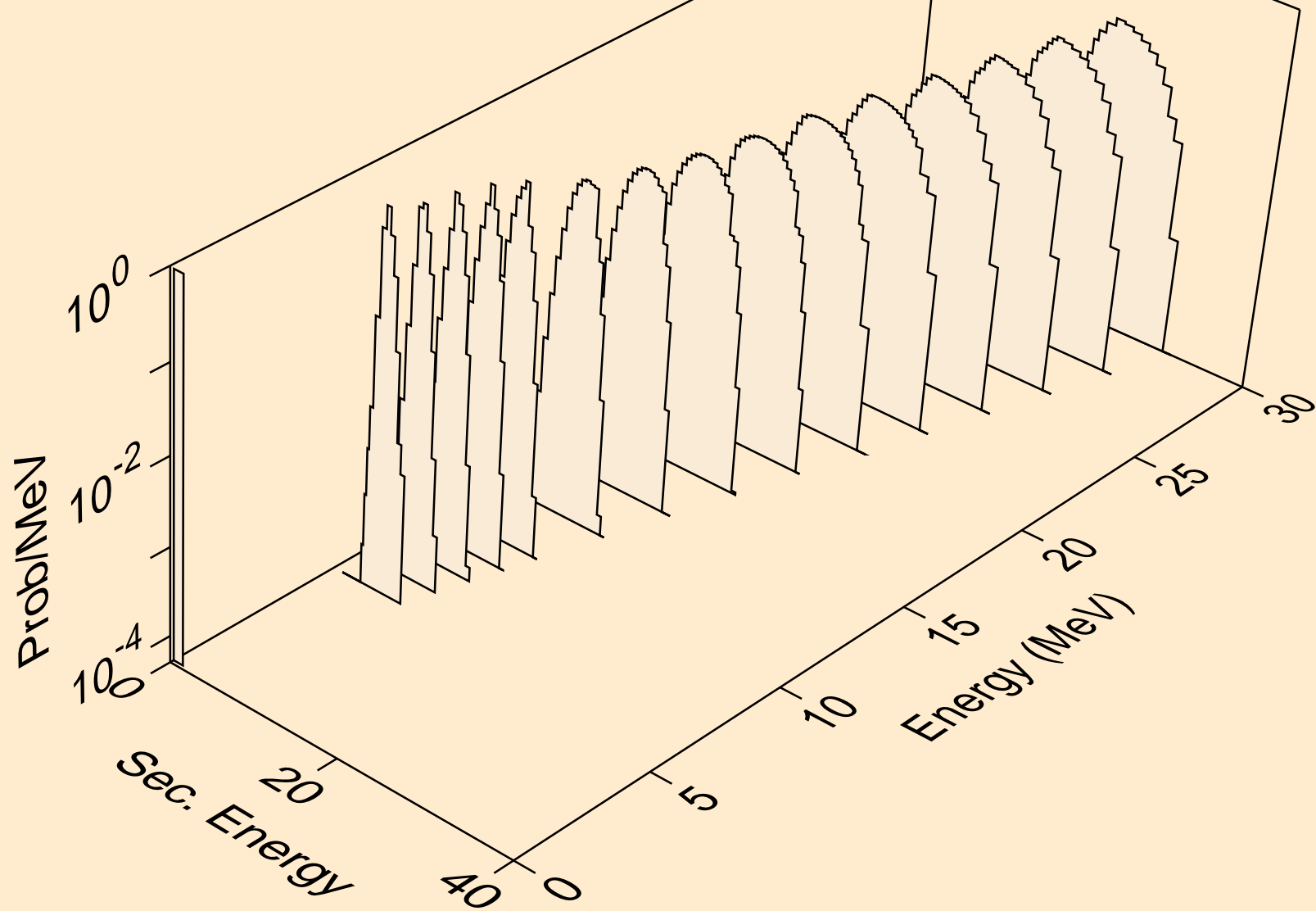
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

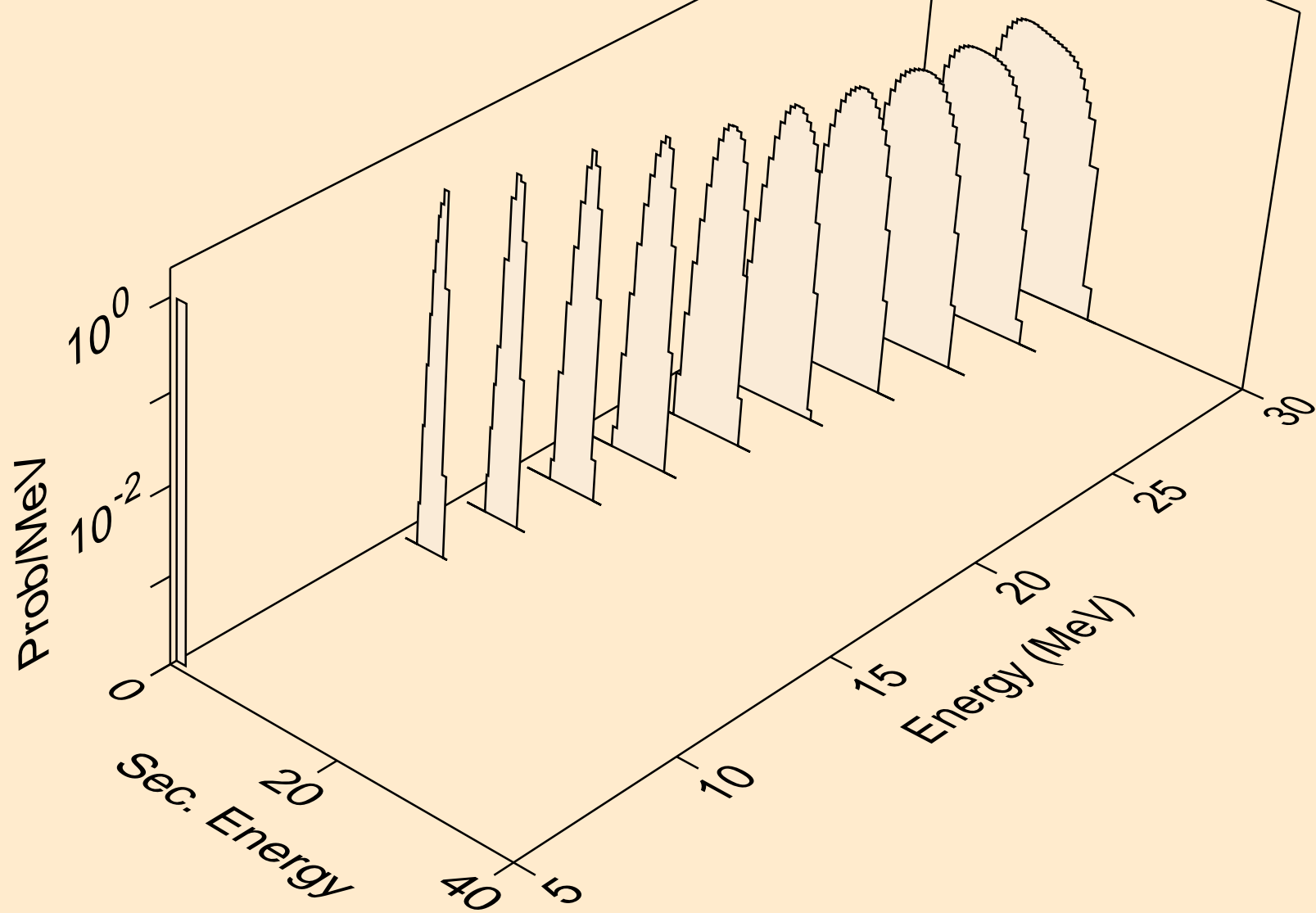


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

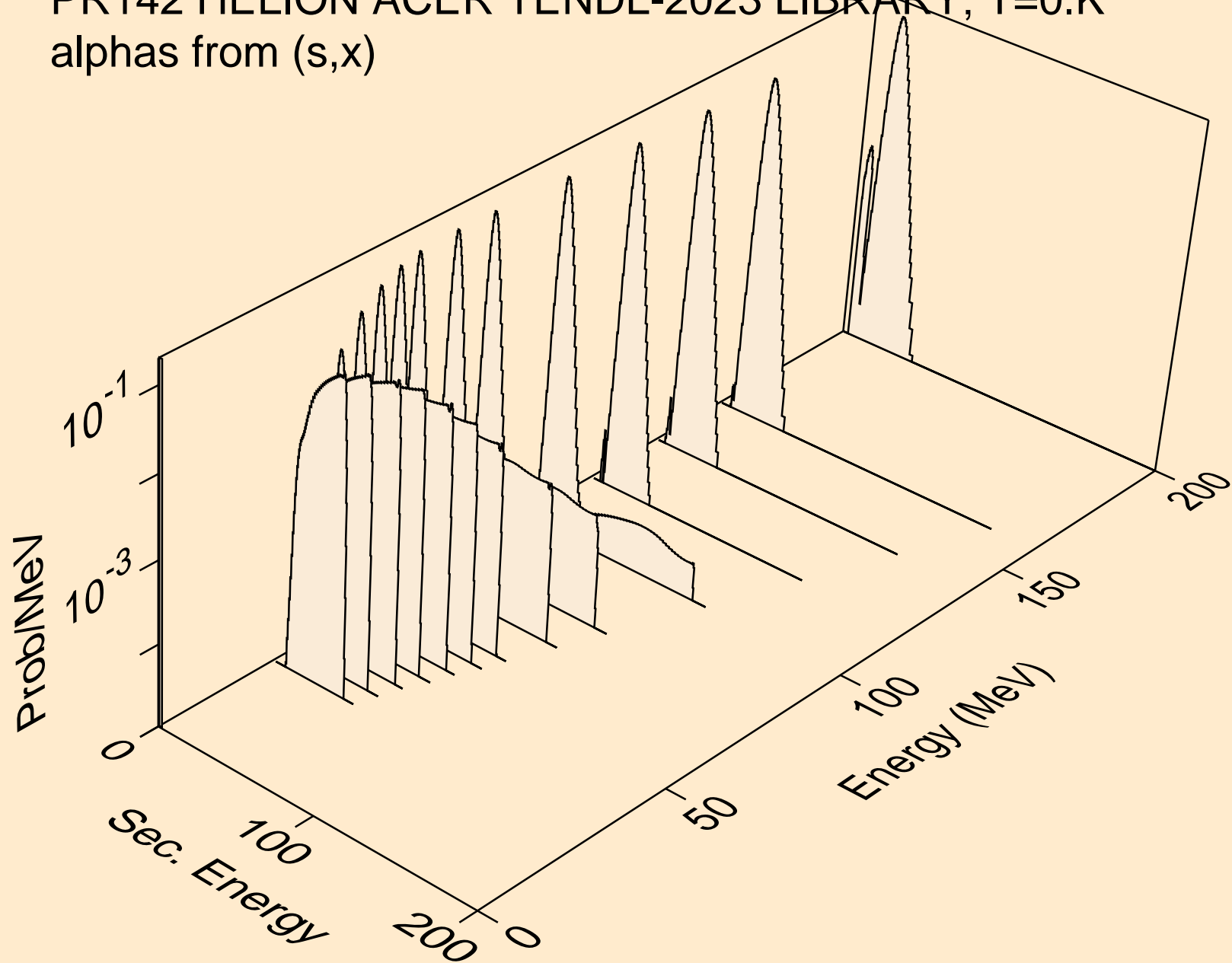




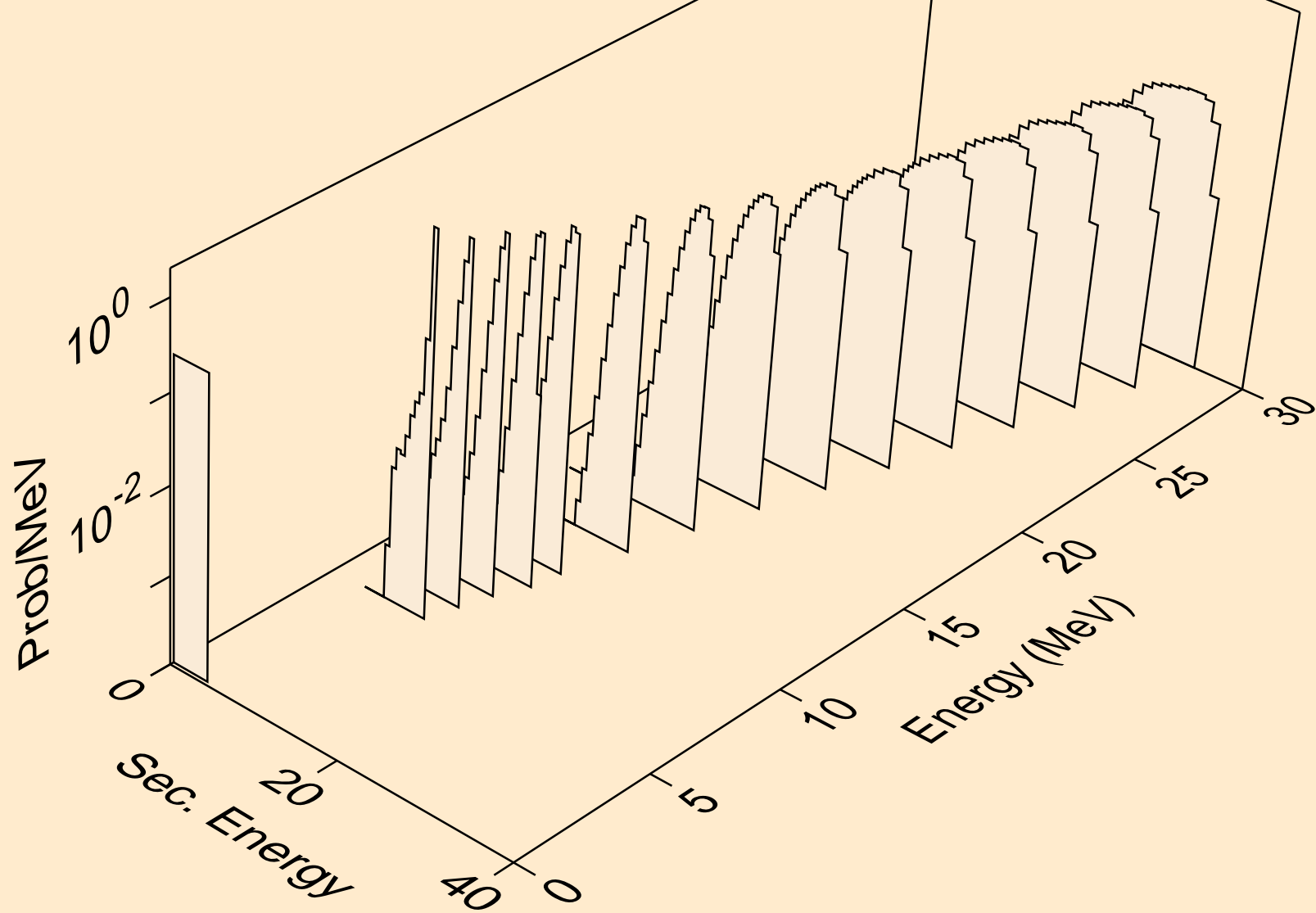
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



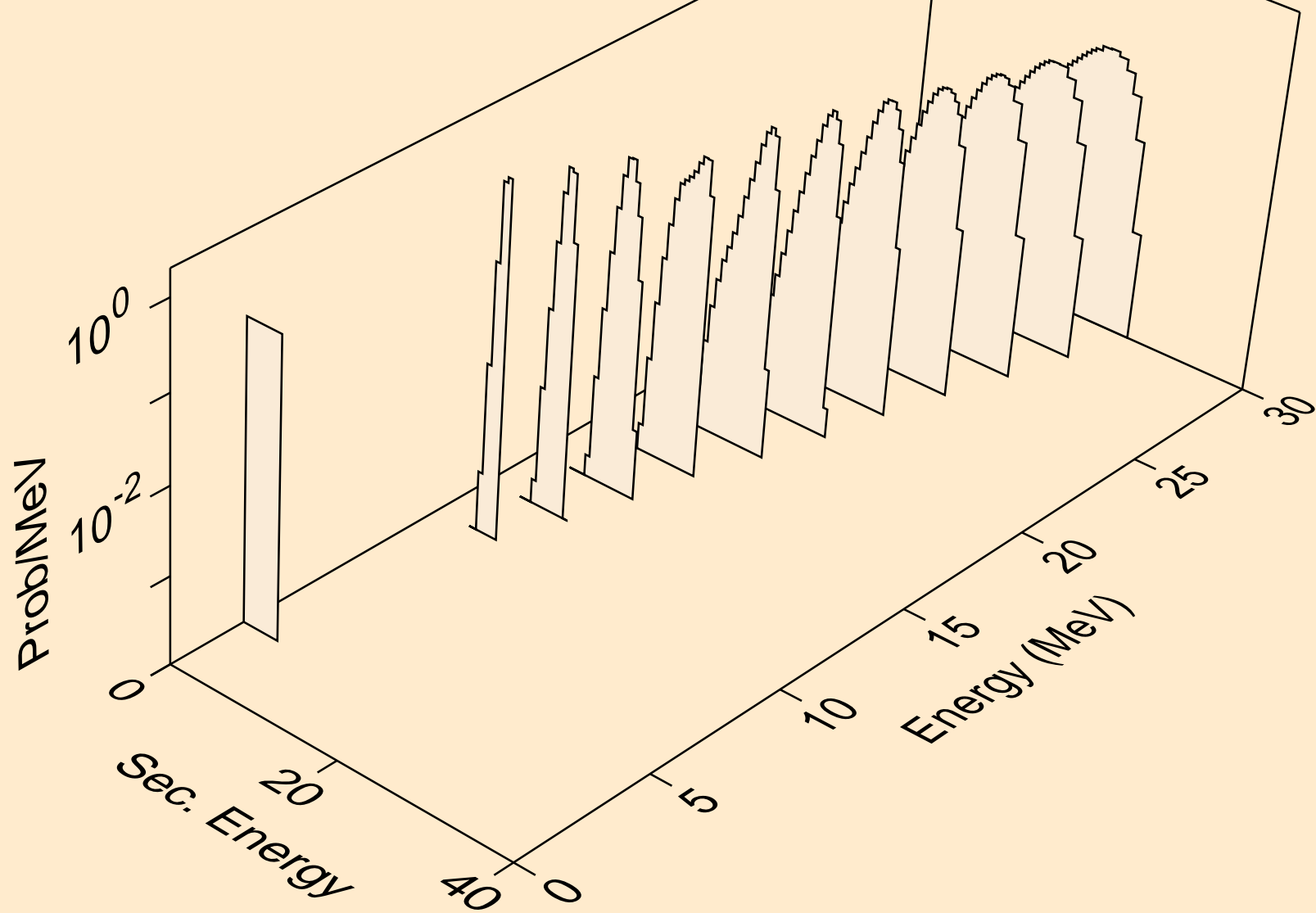
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



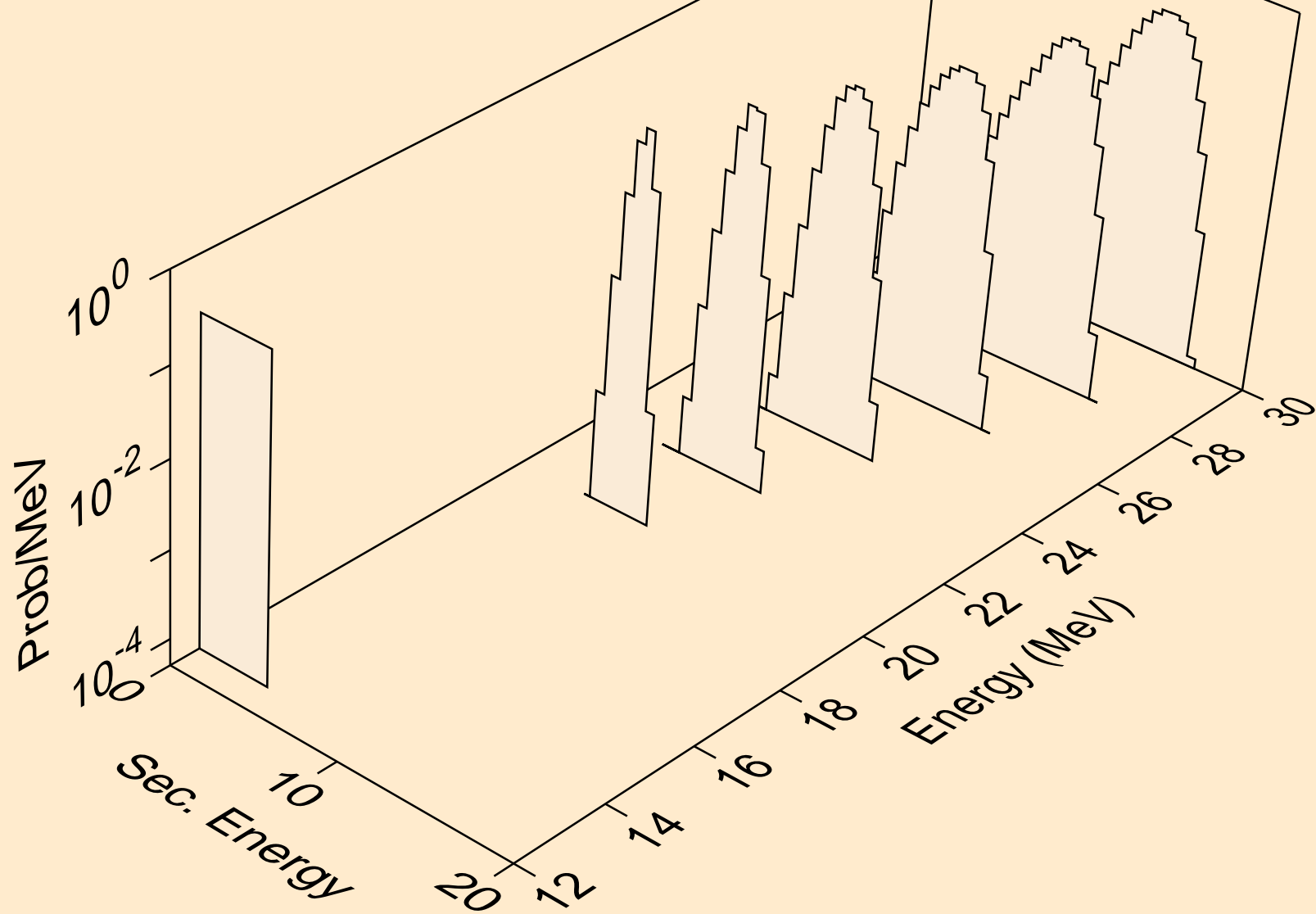
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



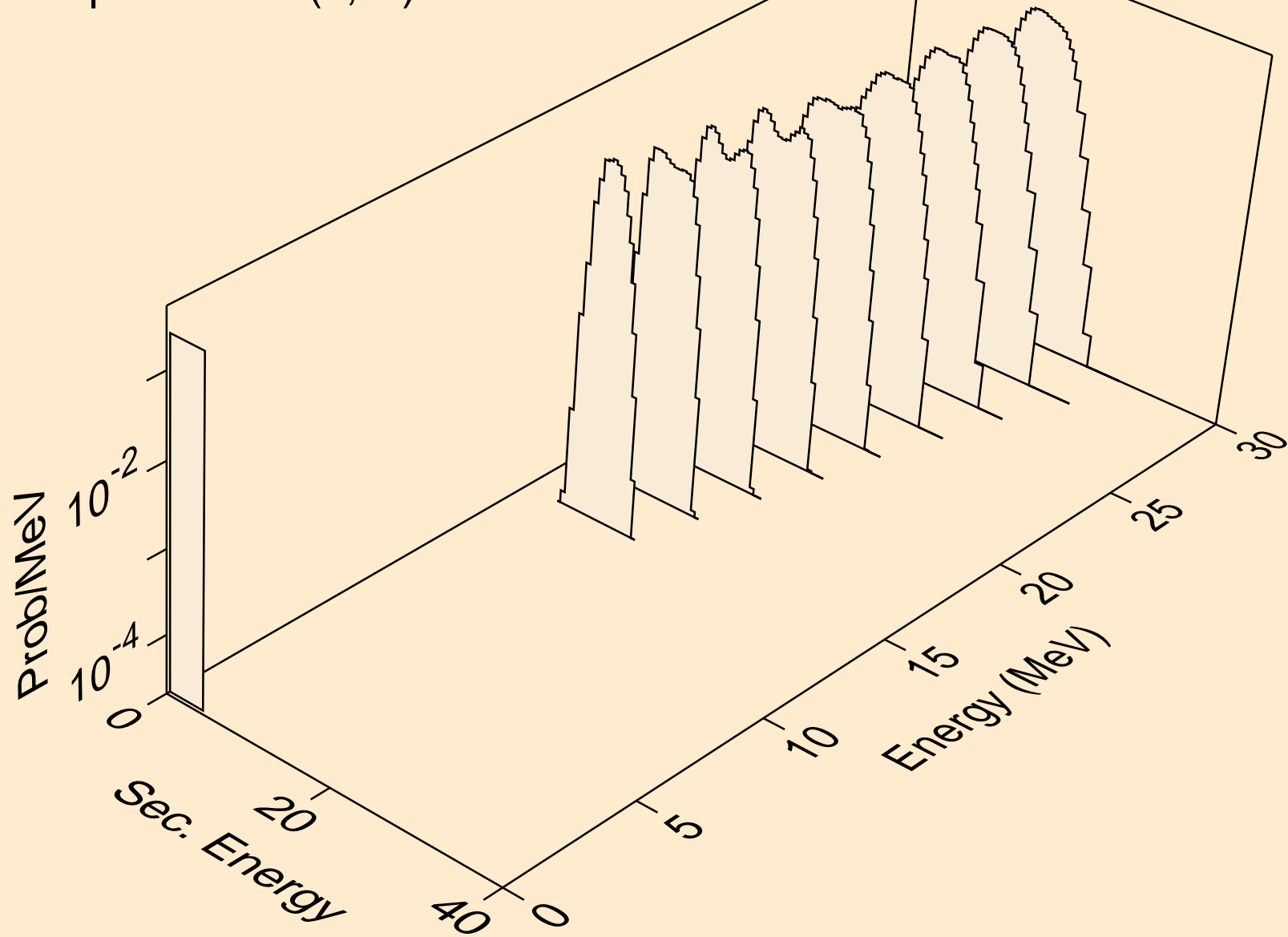
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



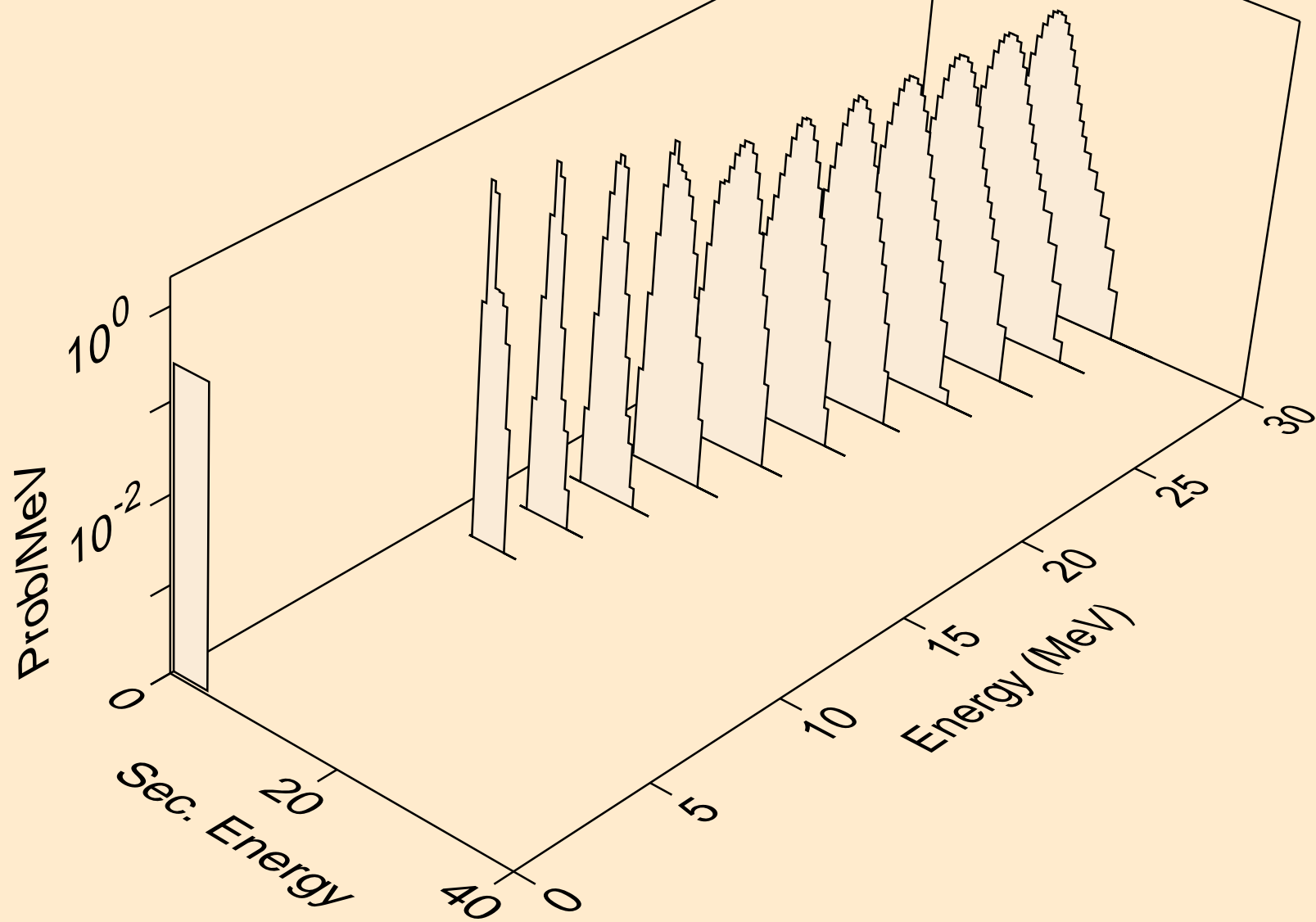
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



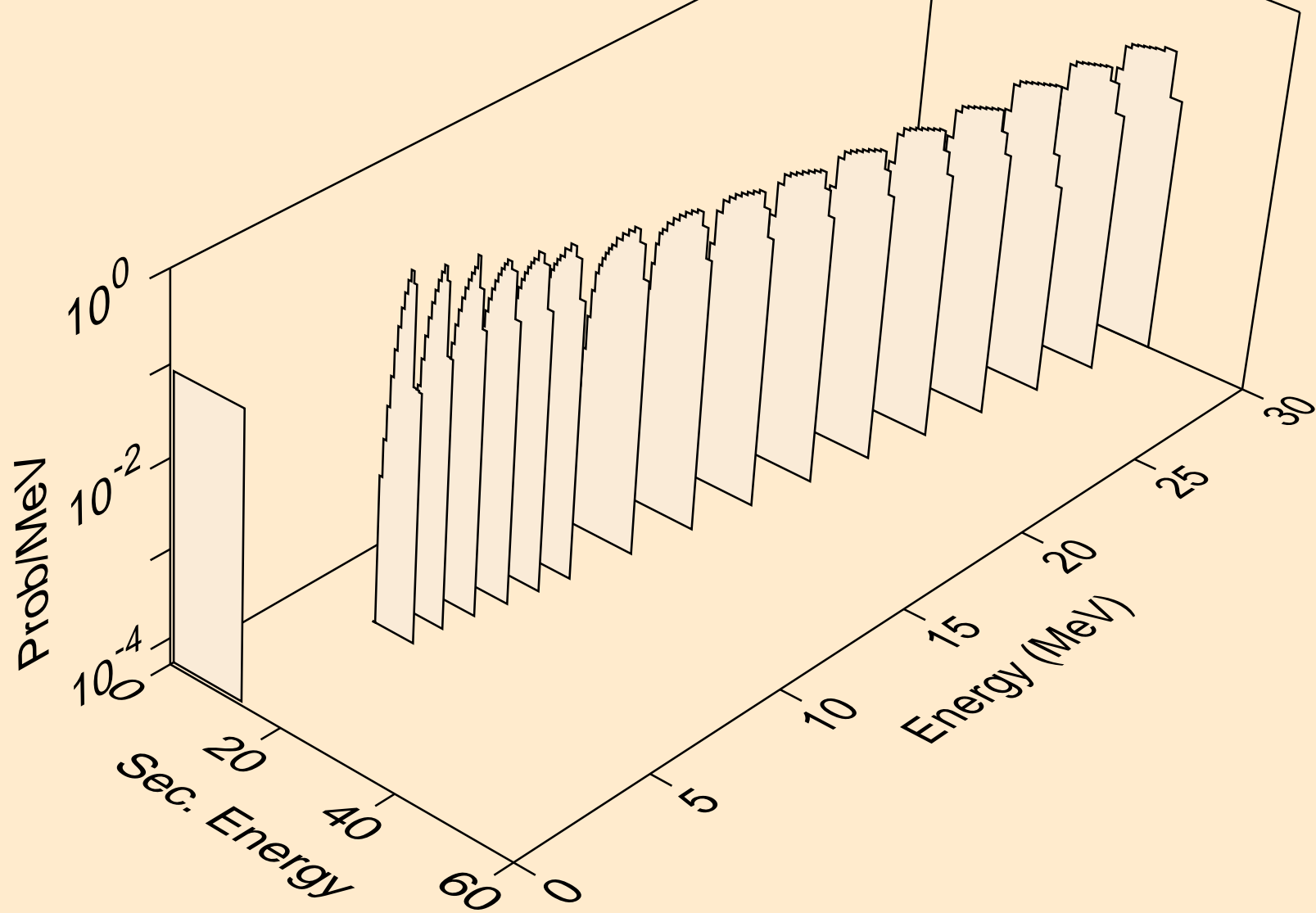
PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

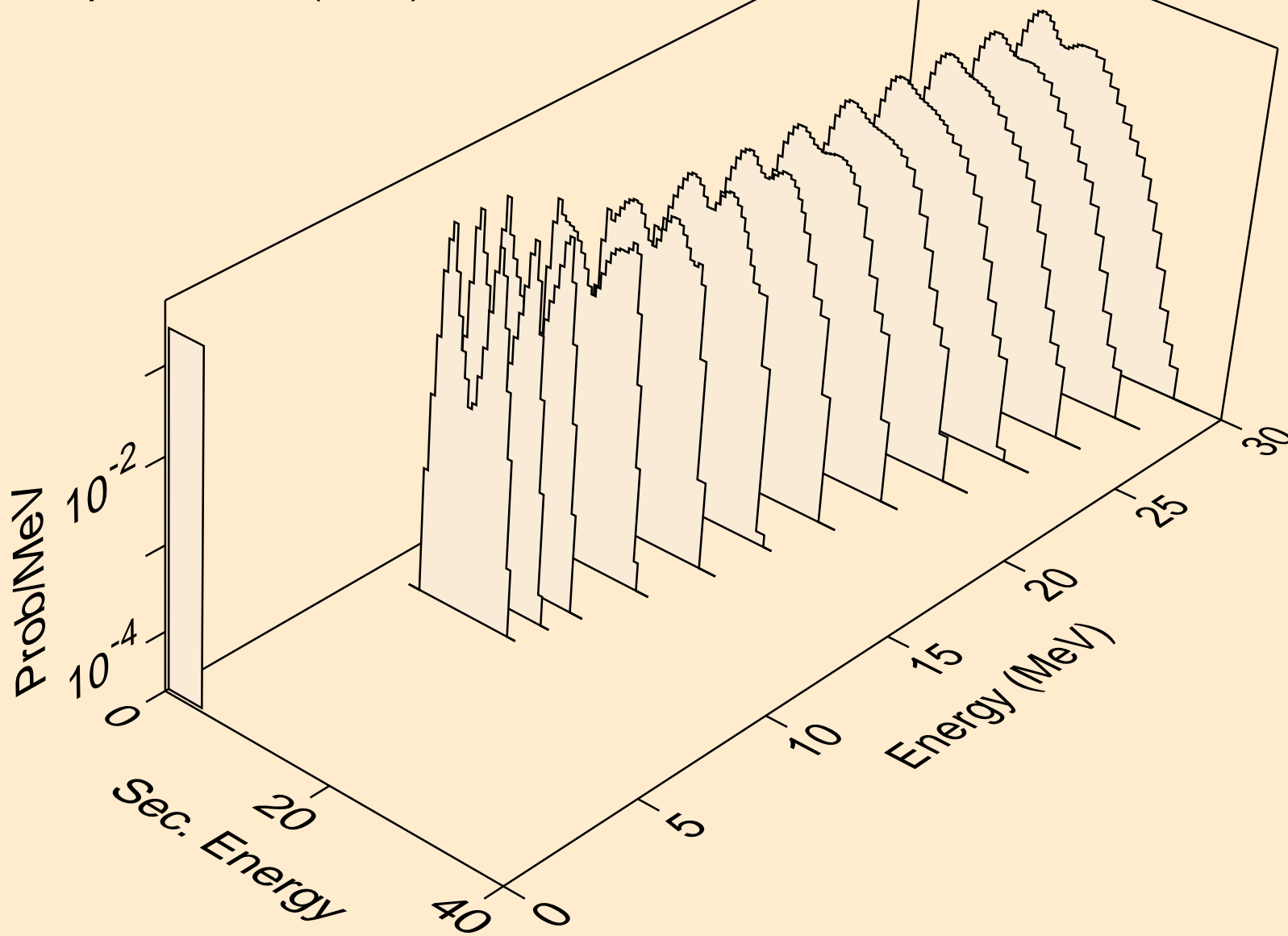


PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

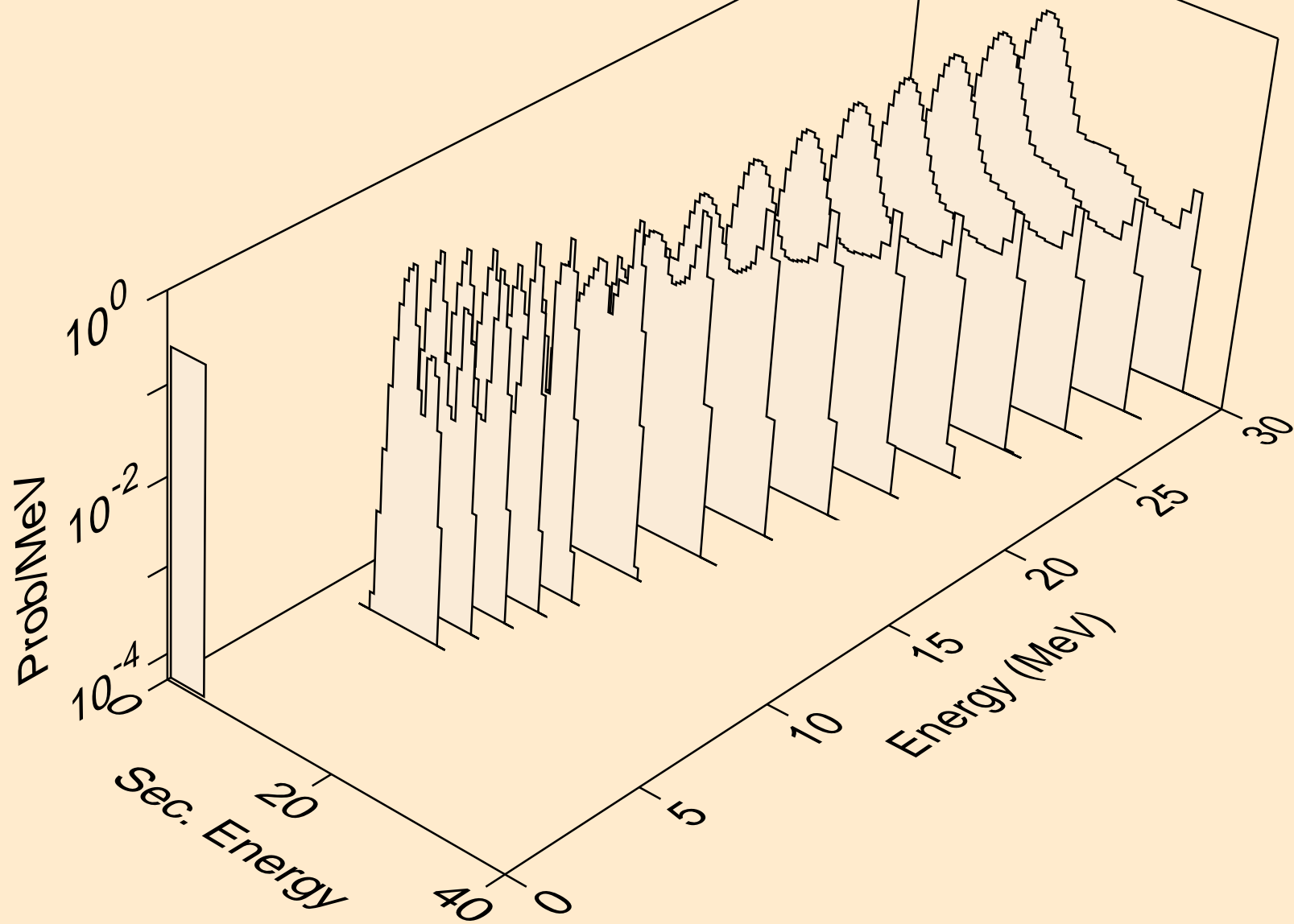




PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PR142 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

