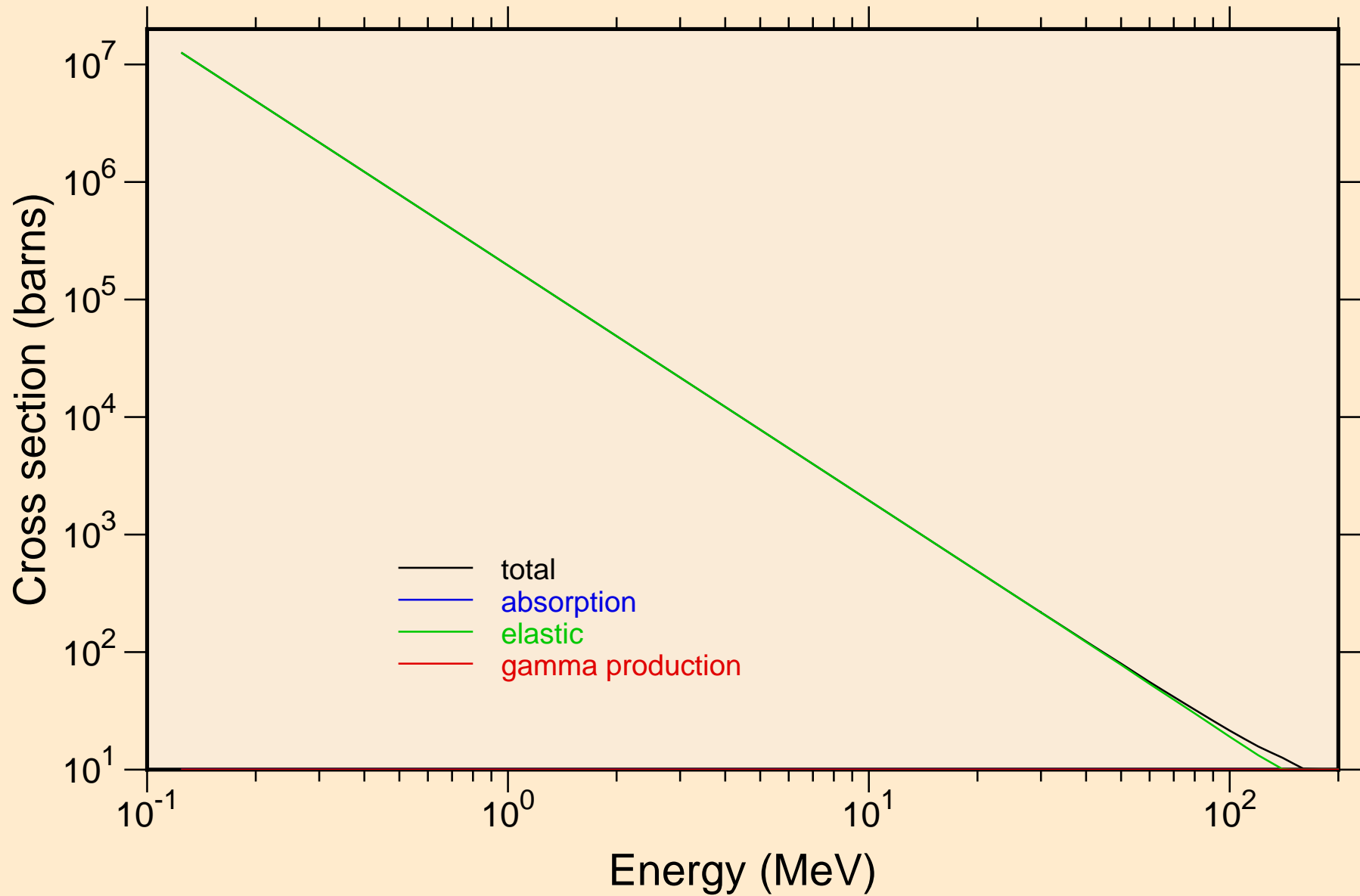
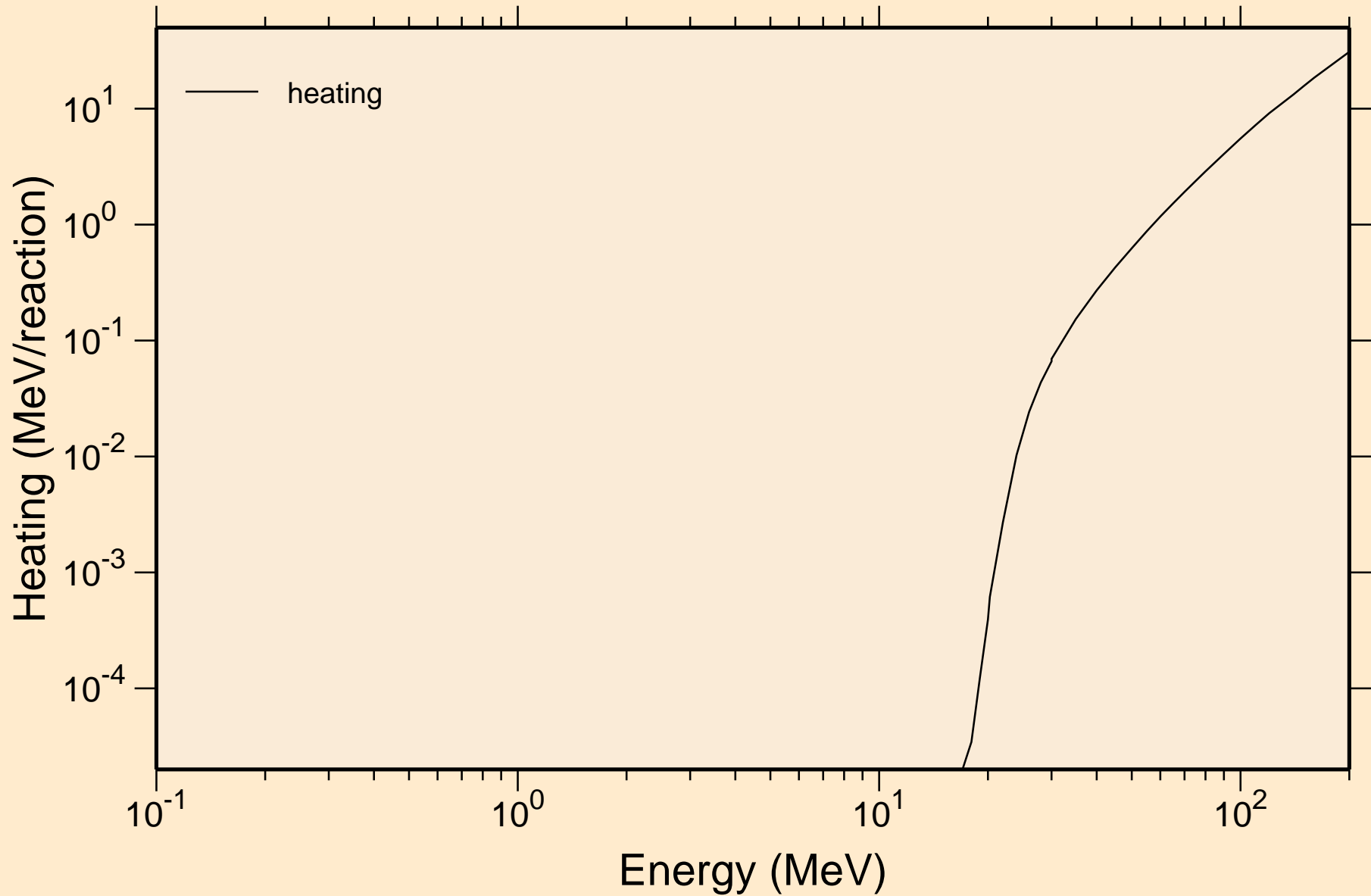


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



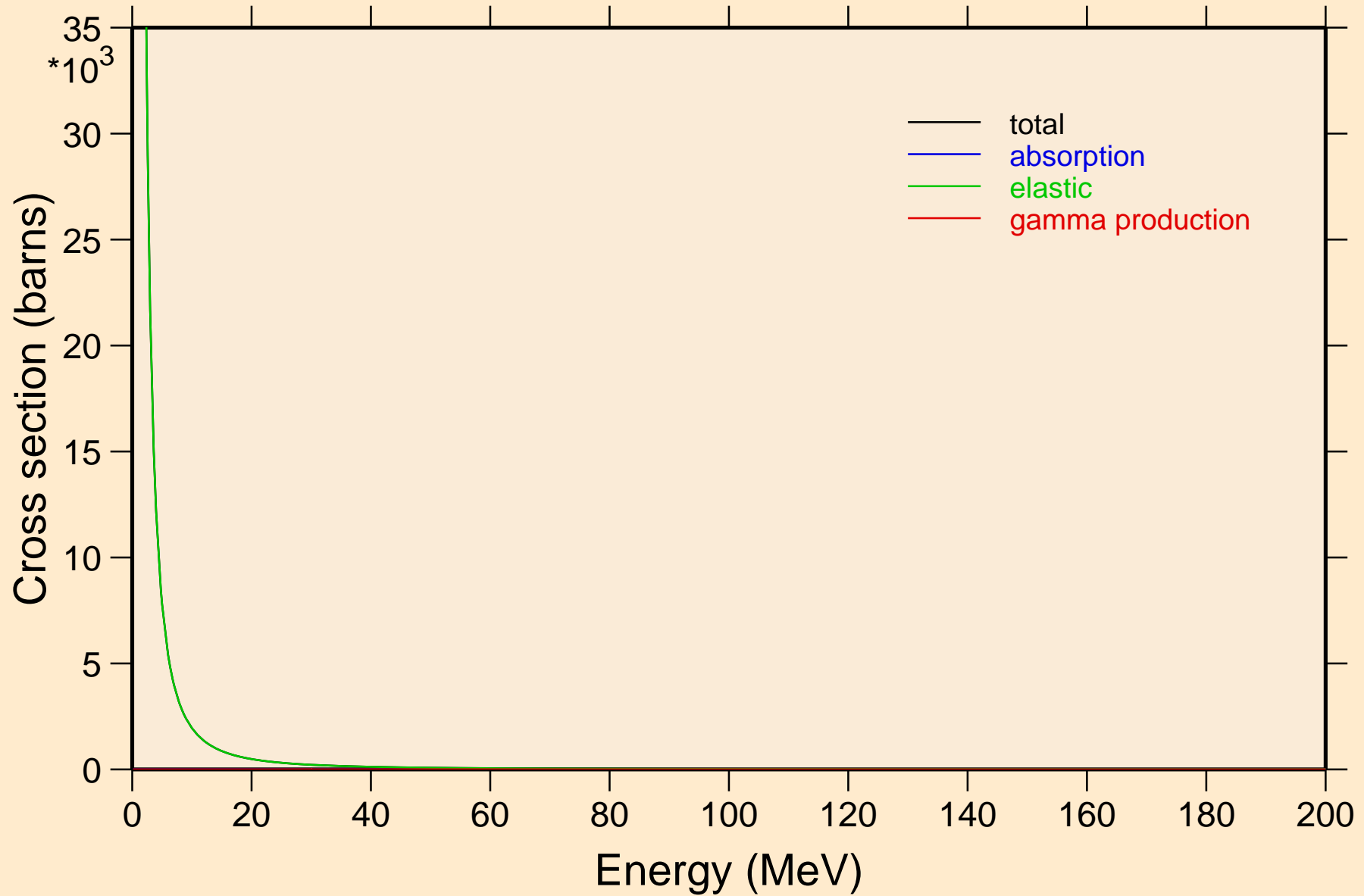
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



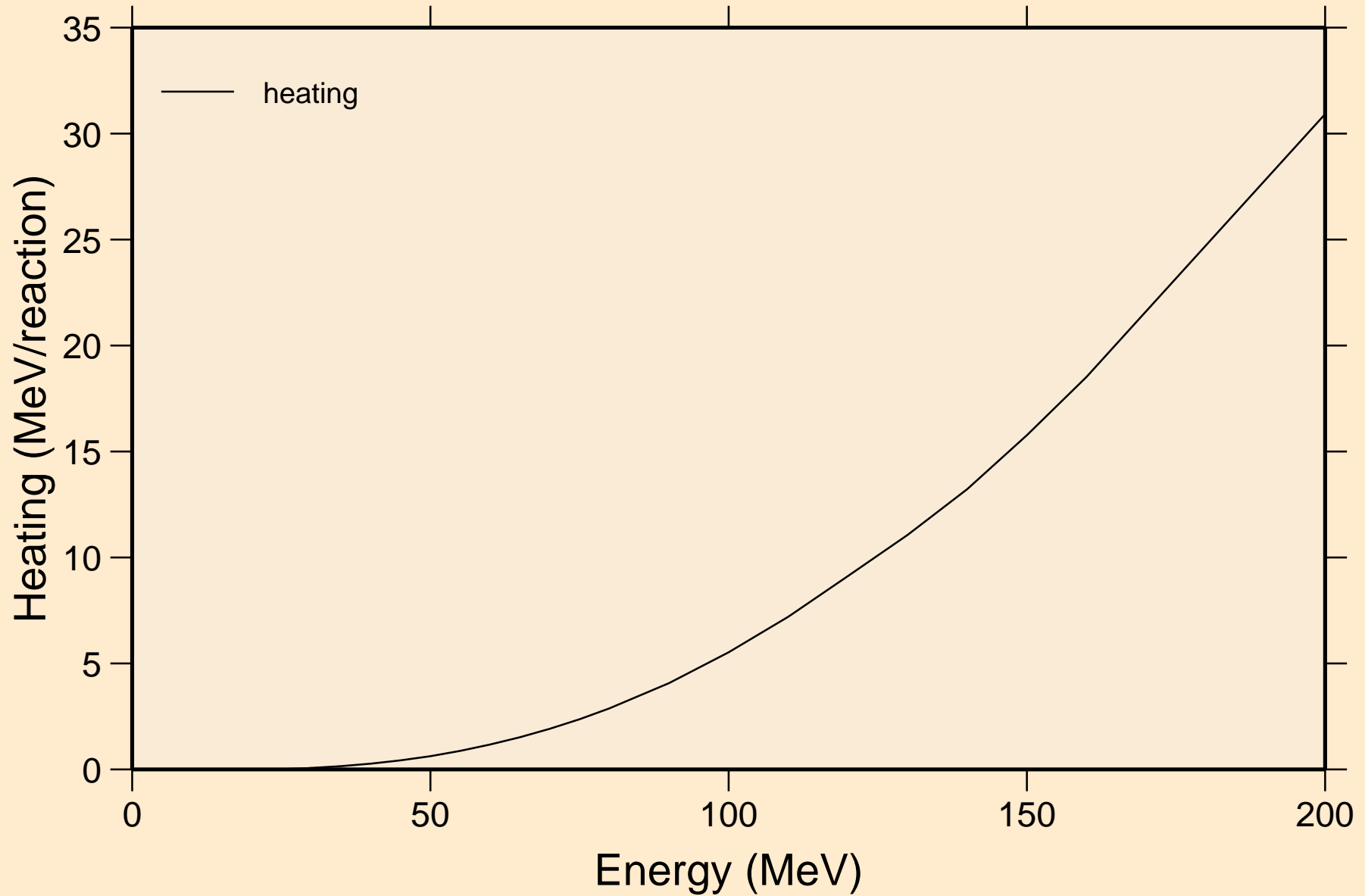
# RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

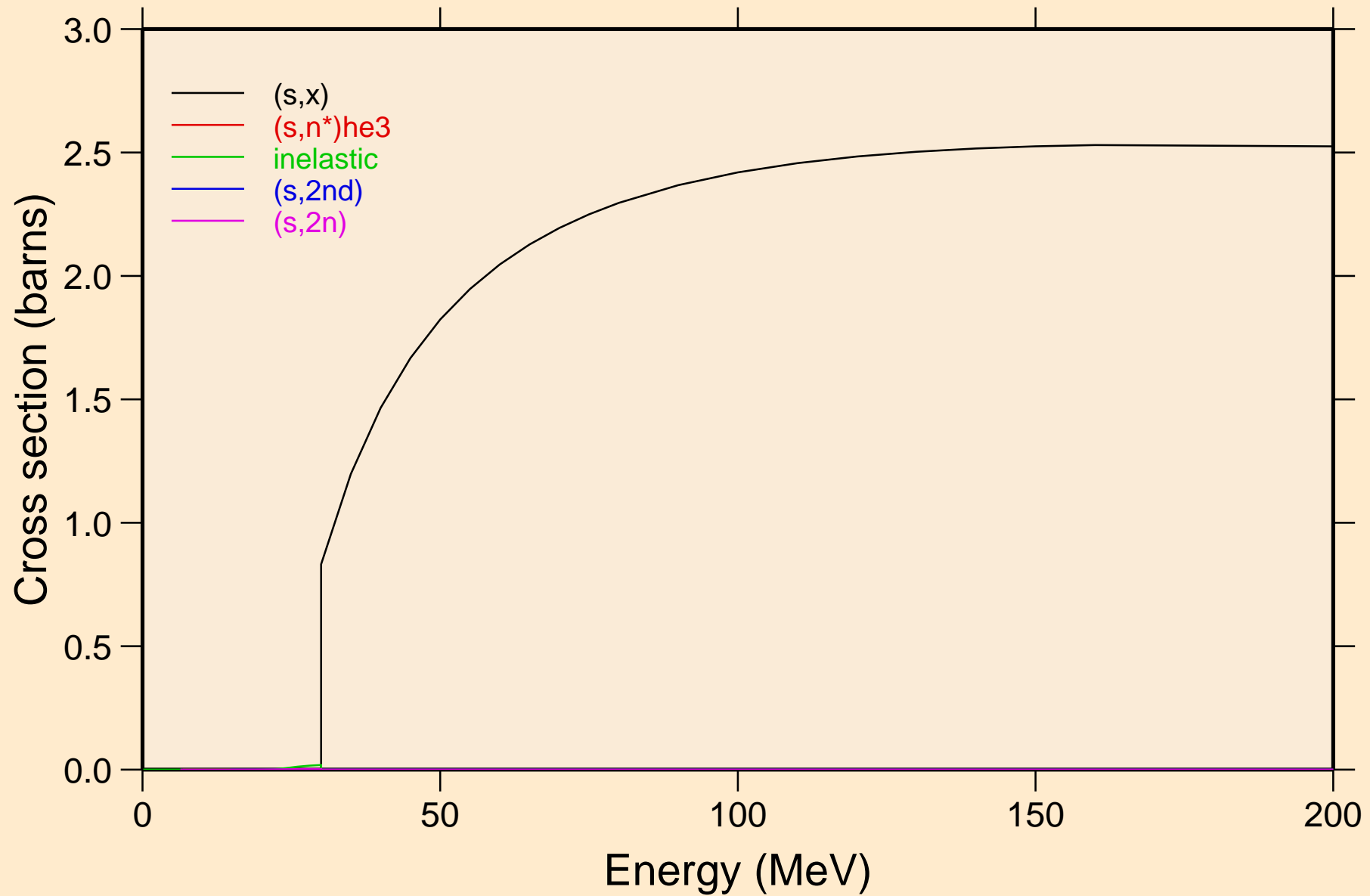


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K

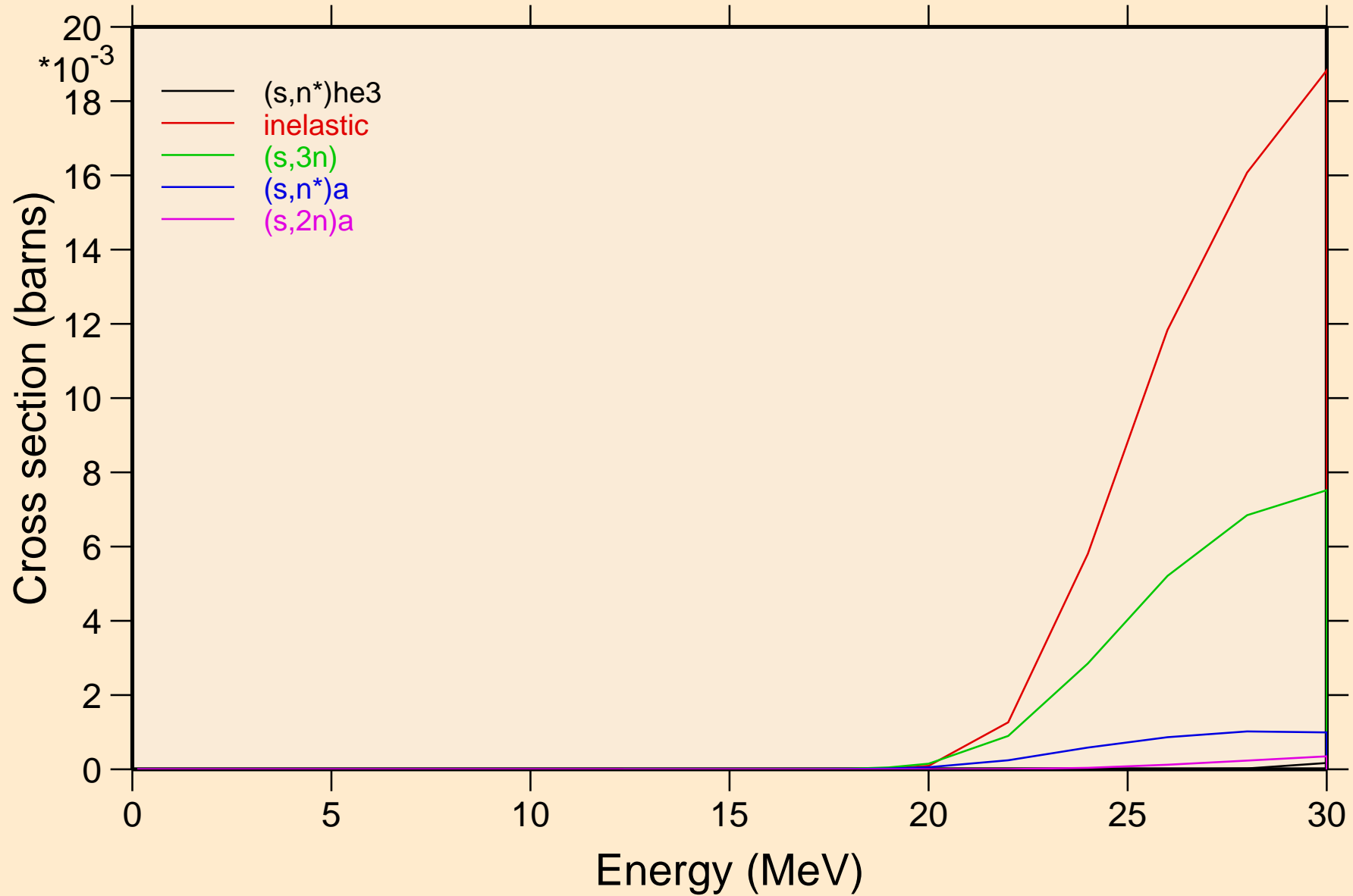
Heating



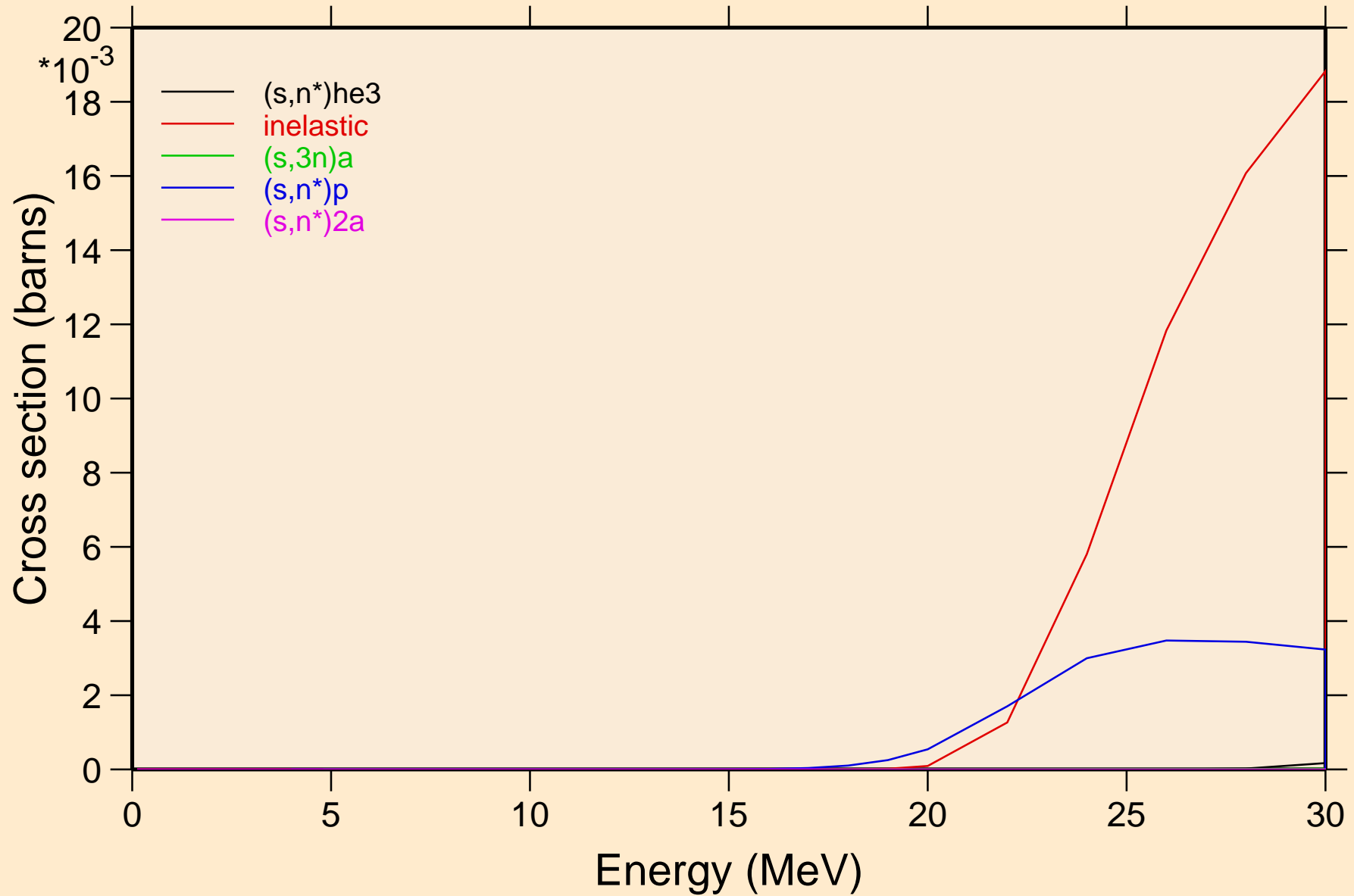
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



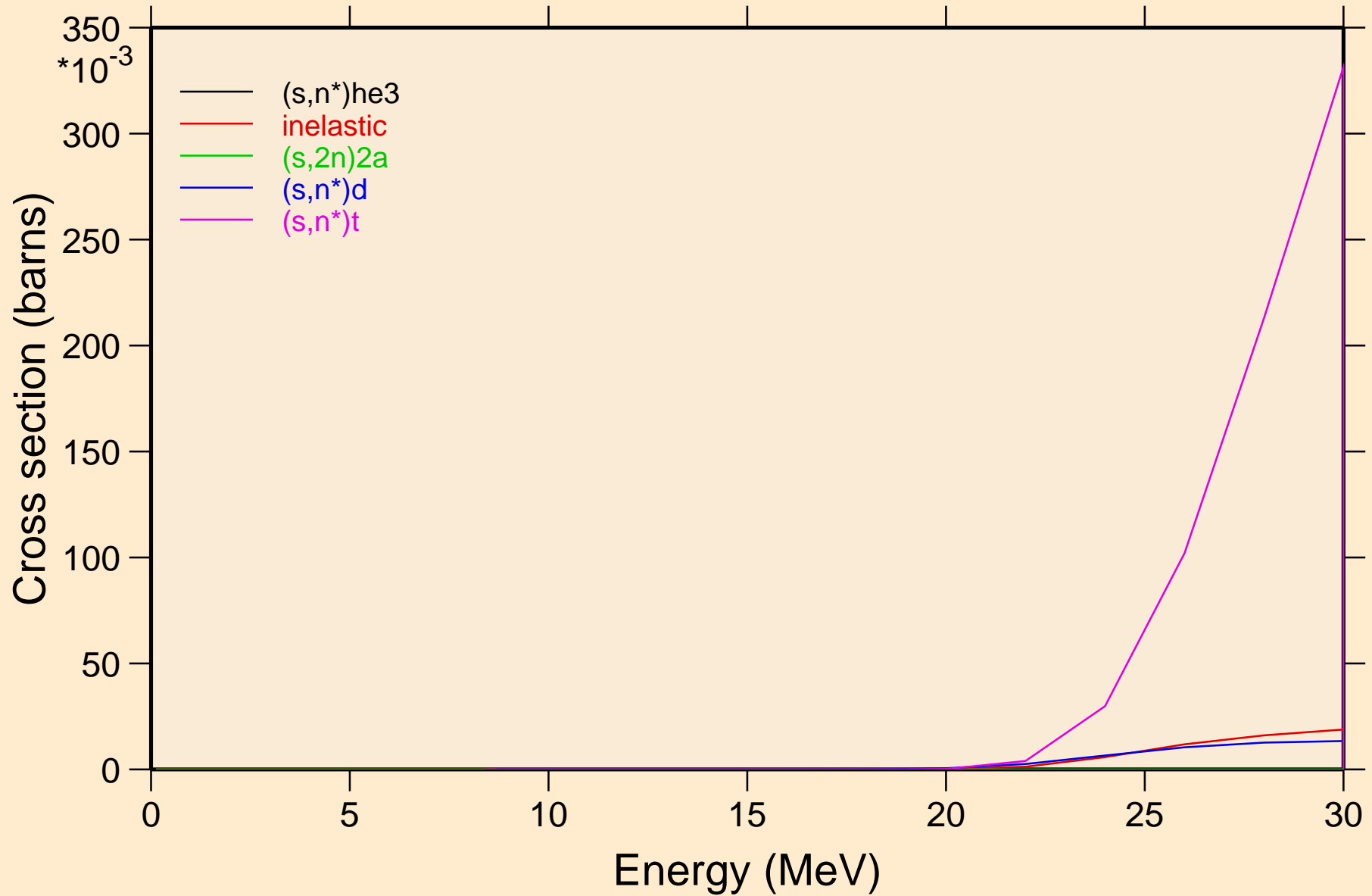
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

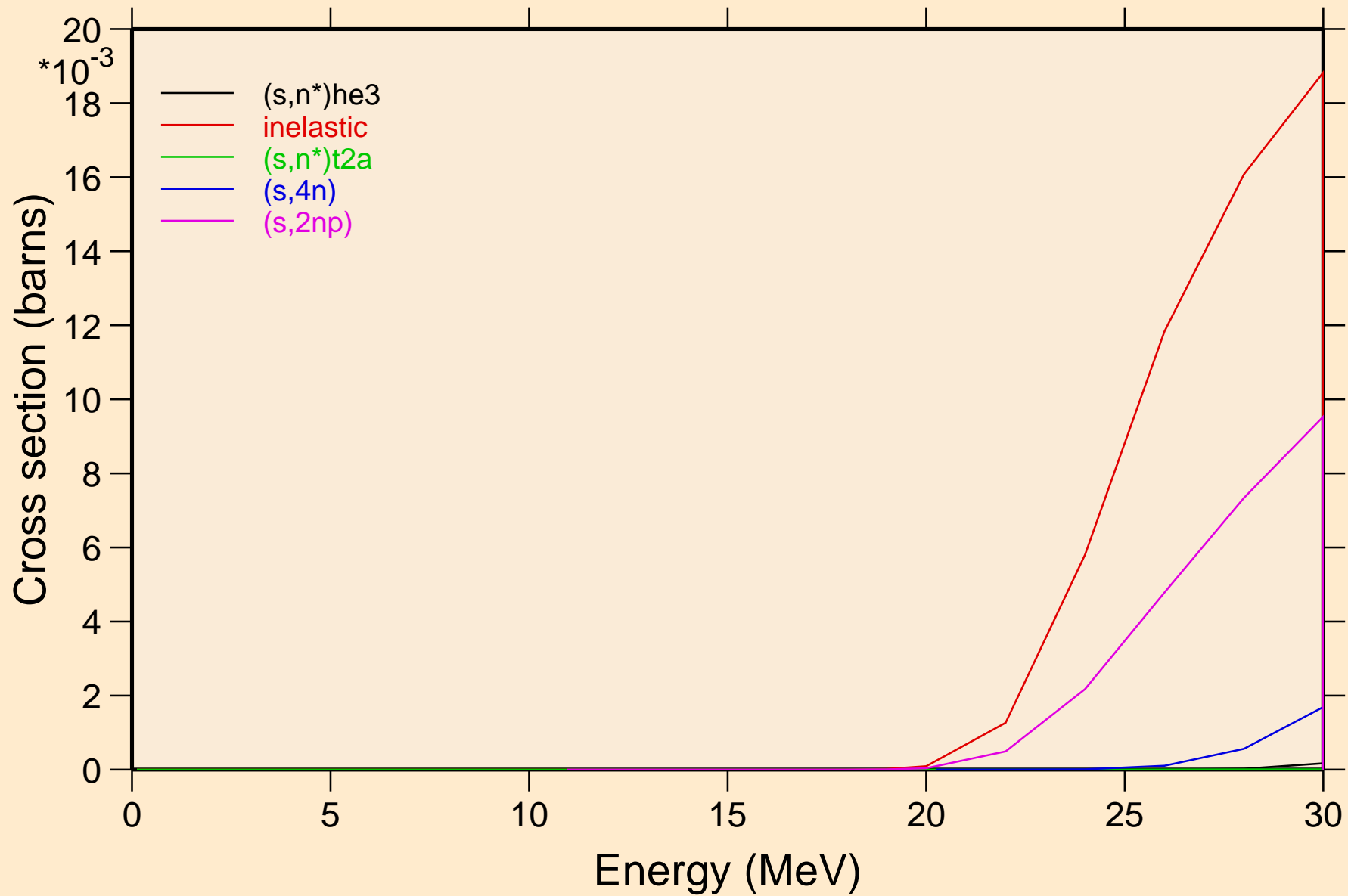


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

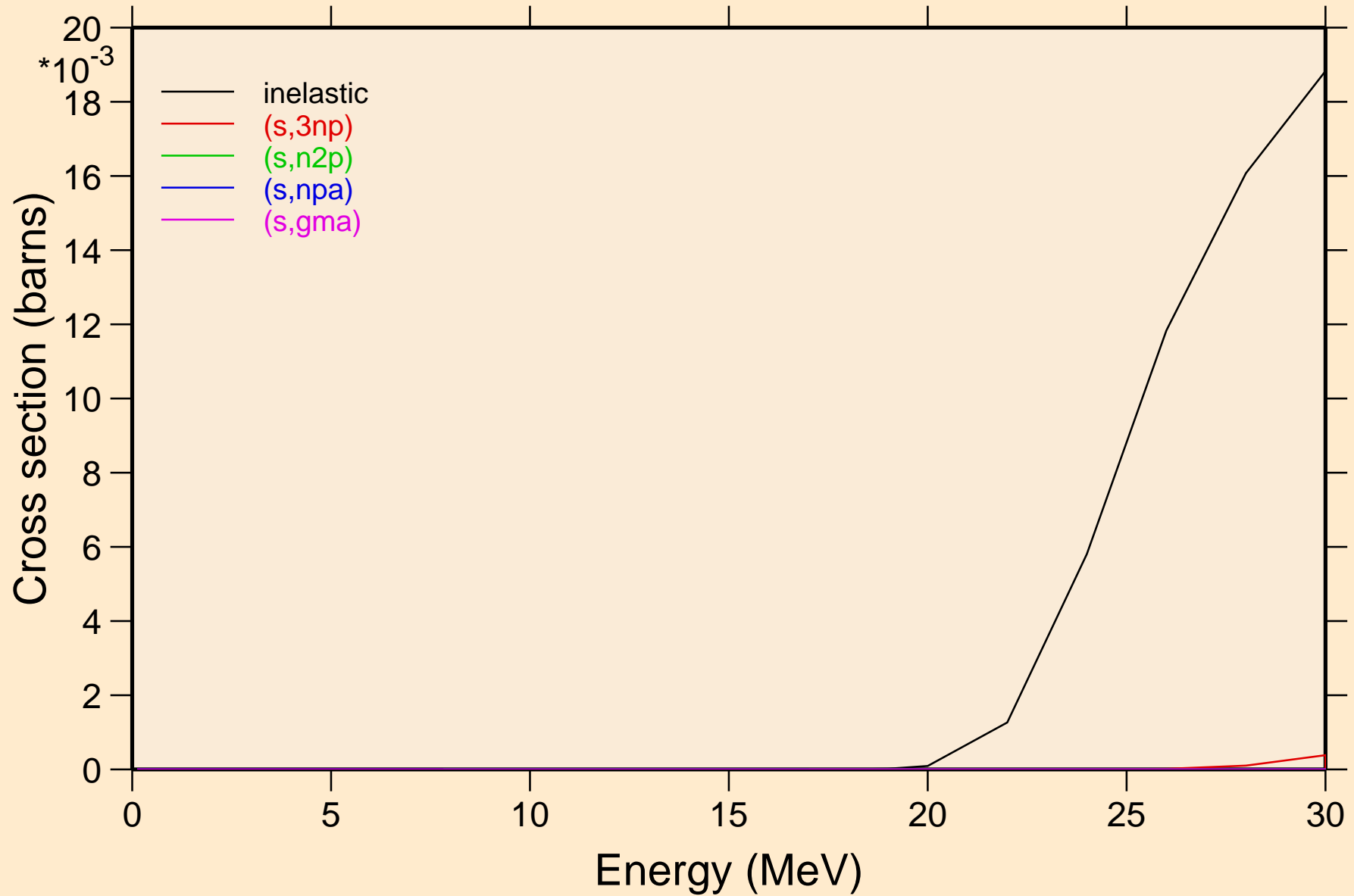




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Threshold reactions

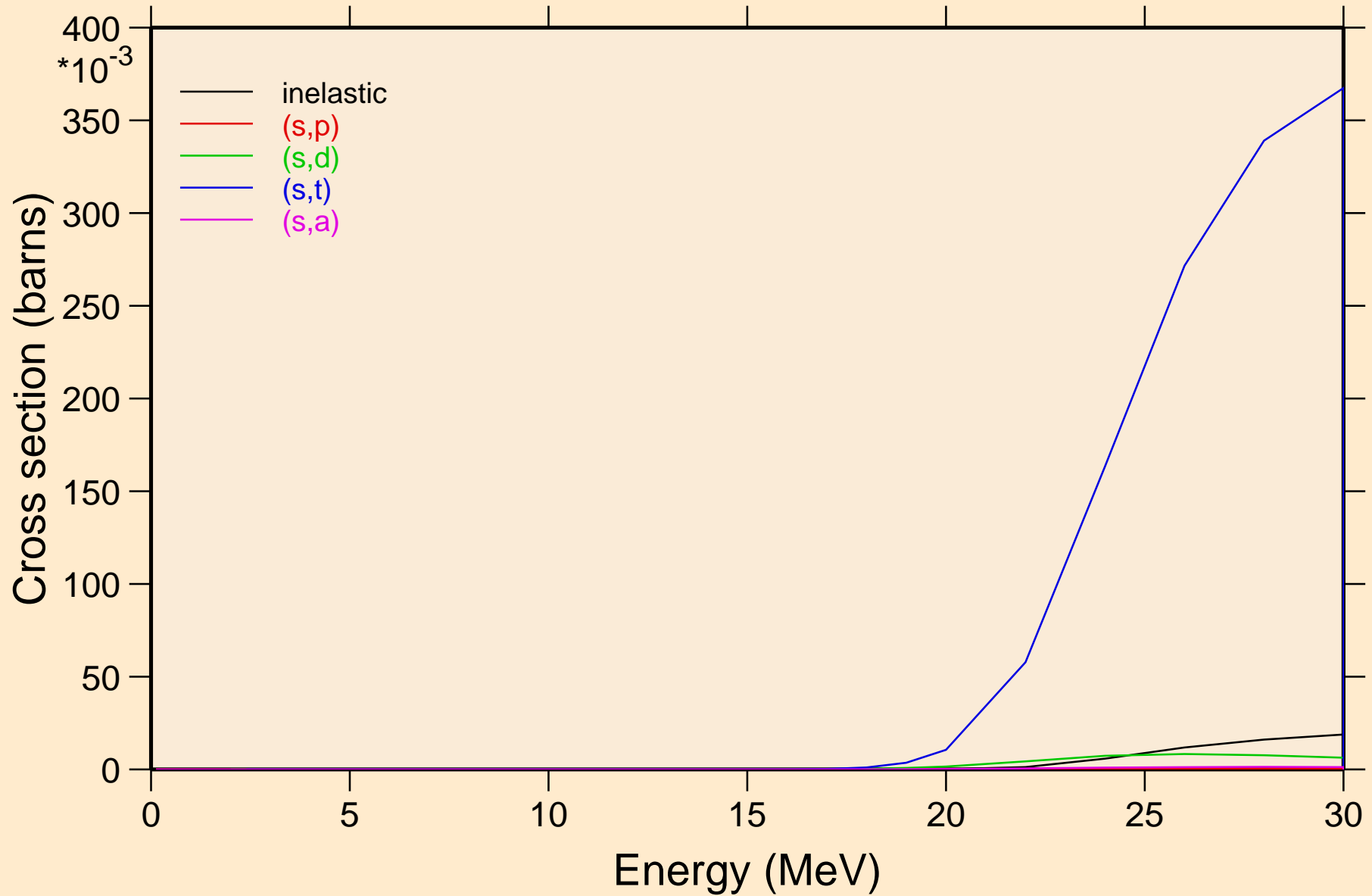


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

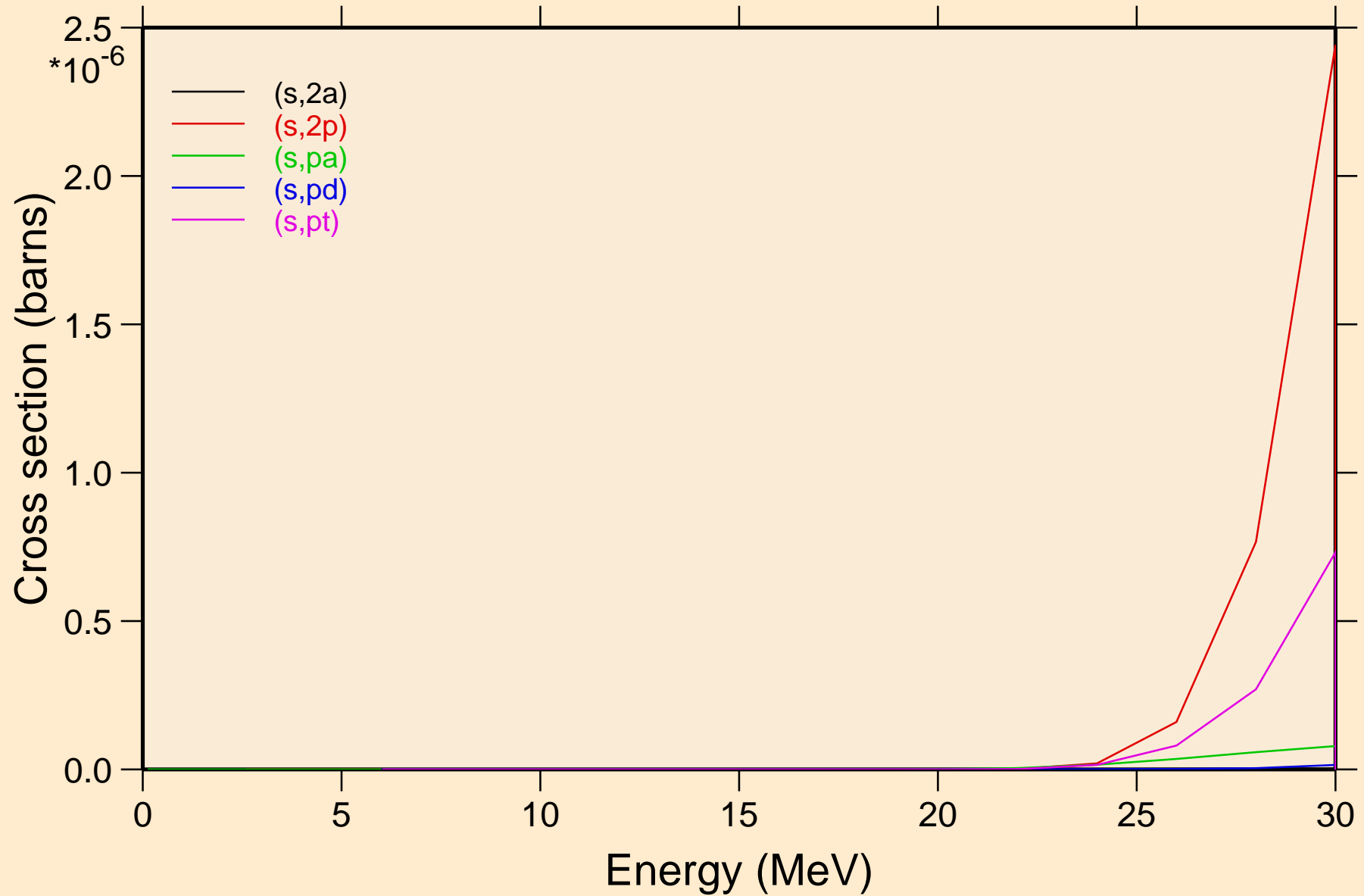


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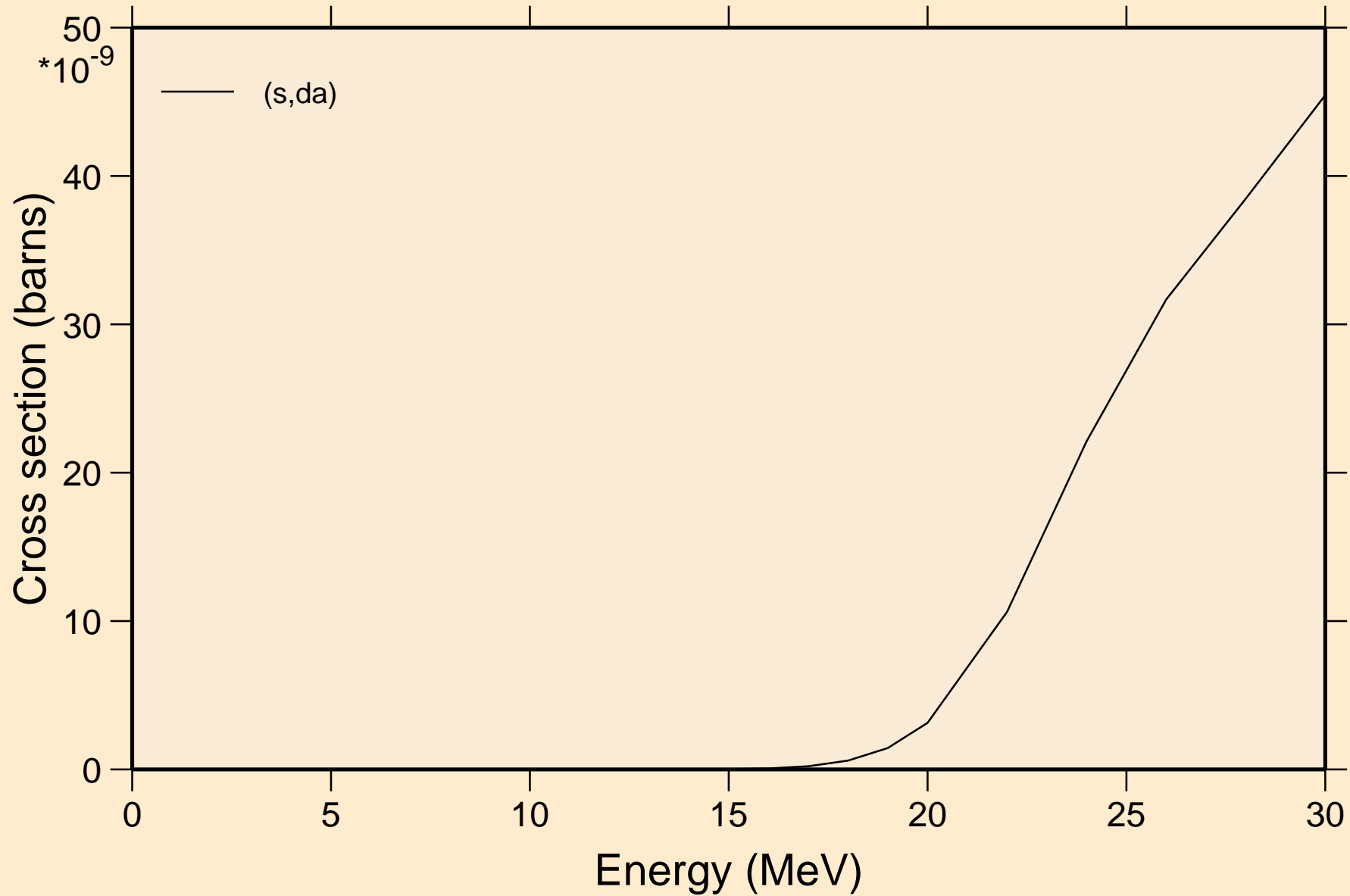
## Threshold reactions



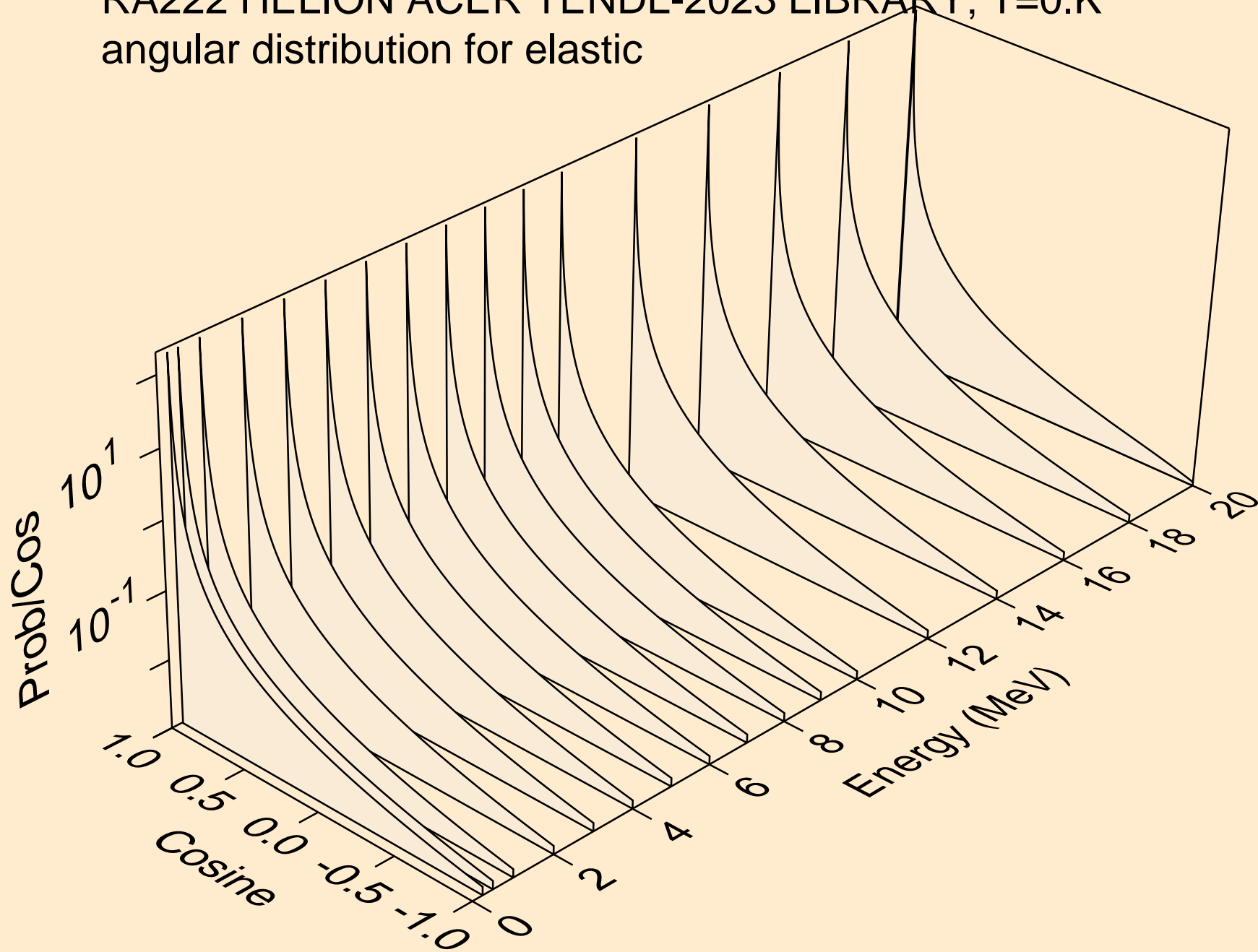
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



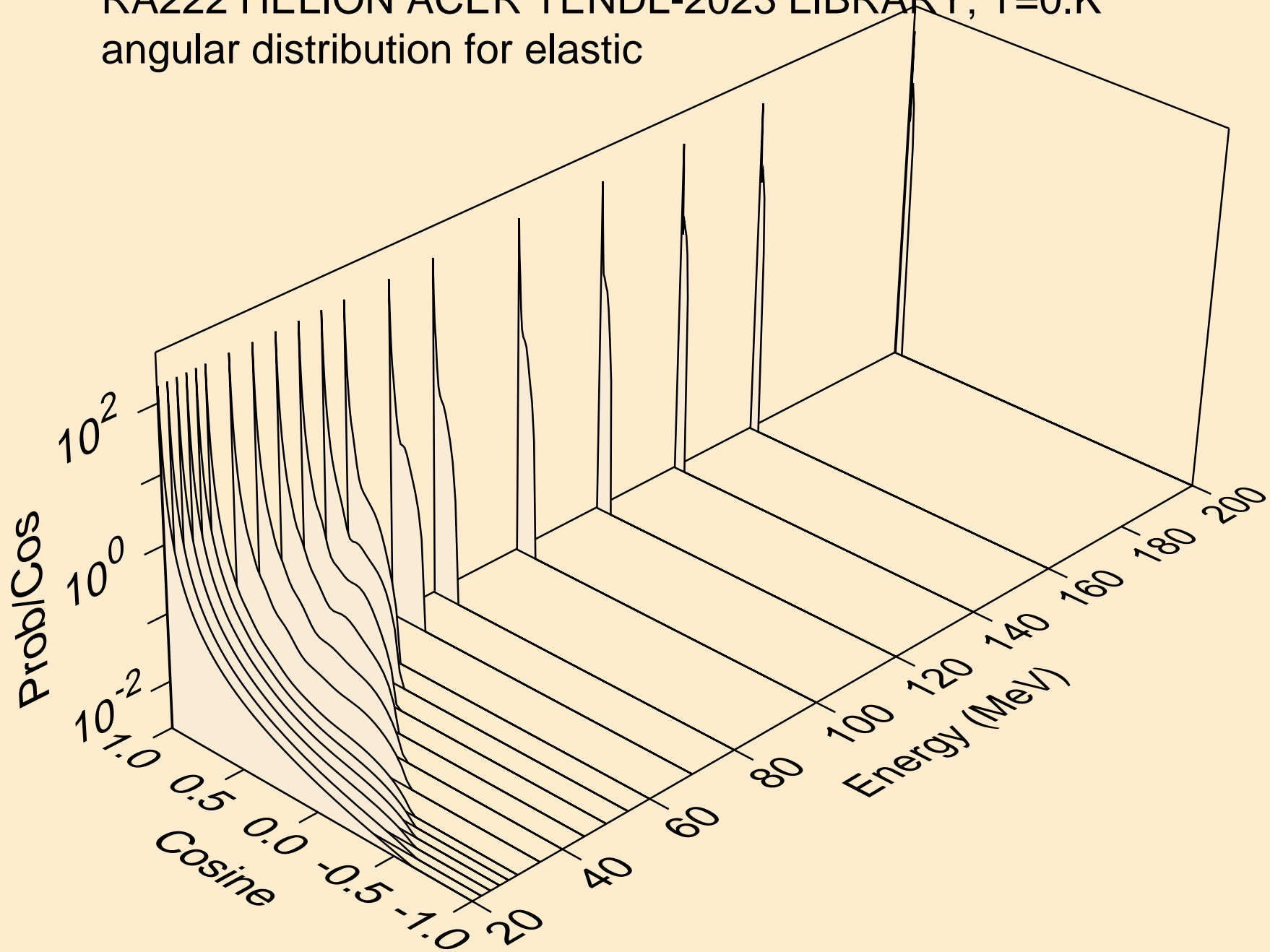
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Threshold reactions



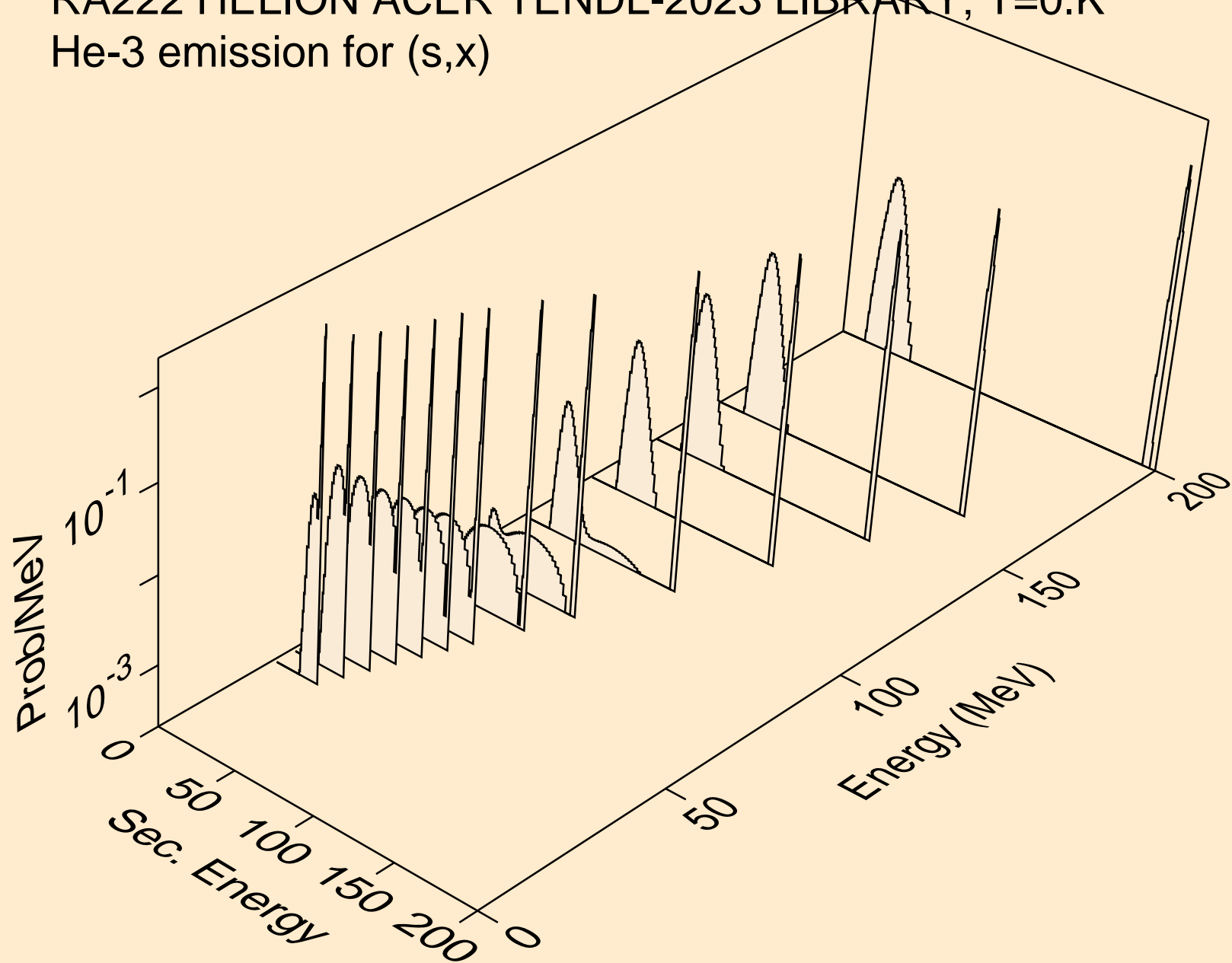
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

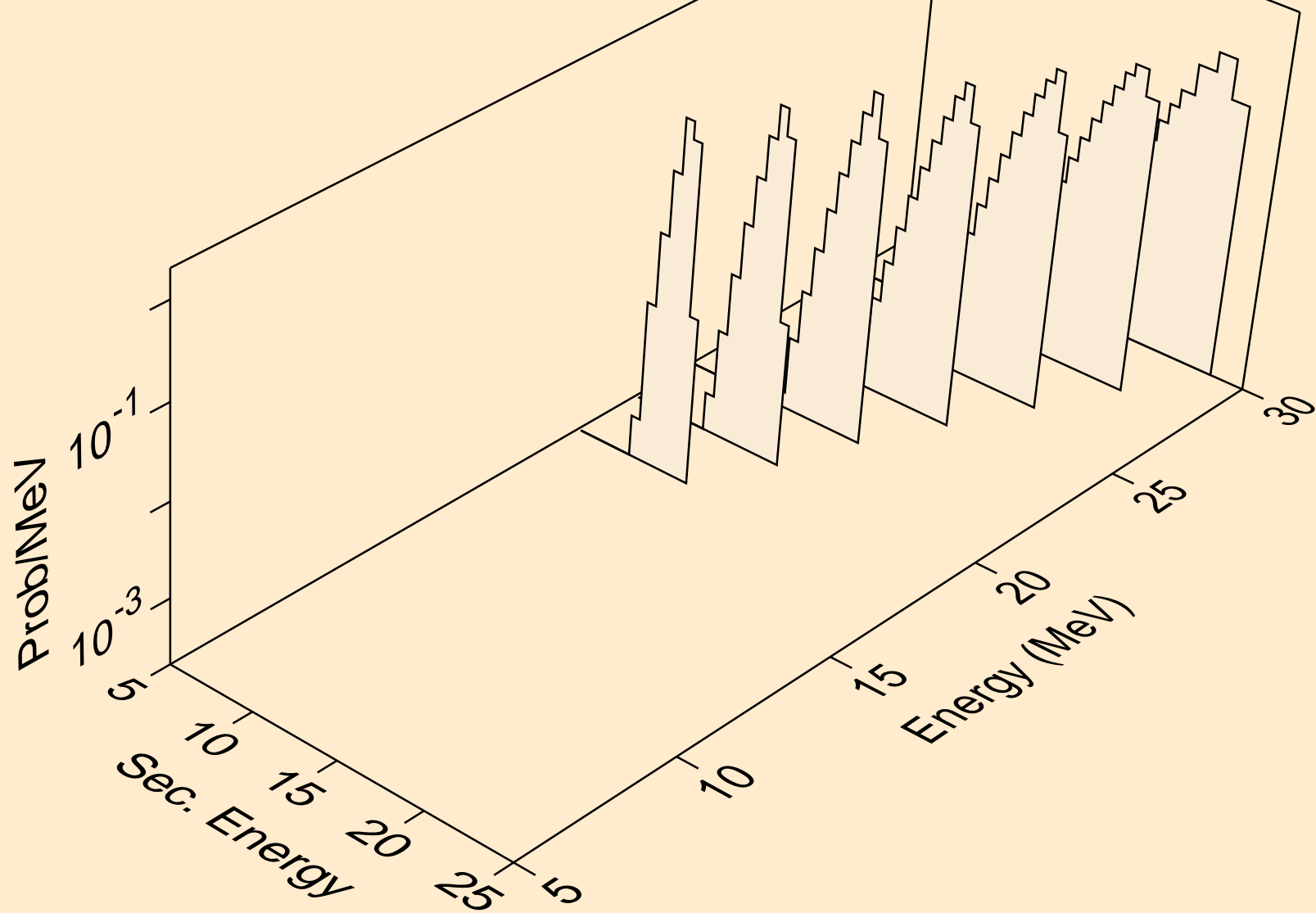


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

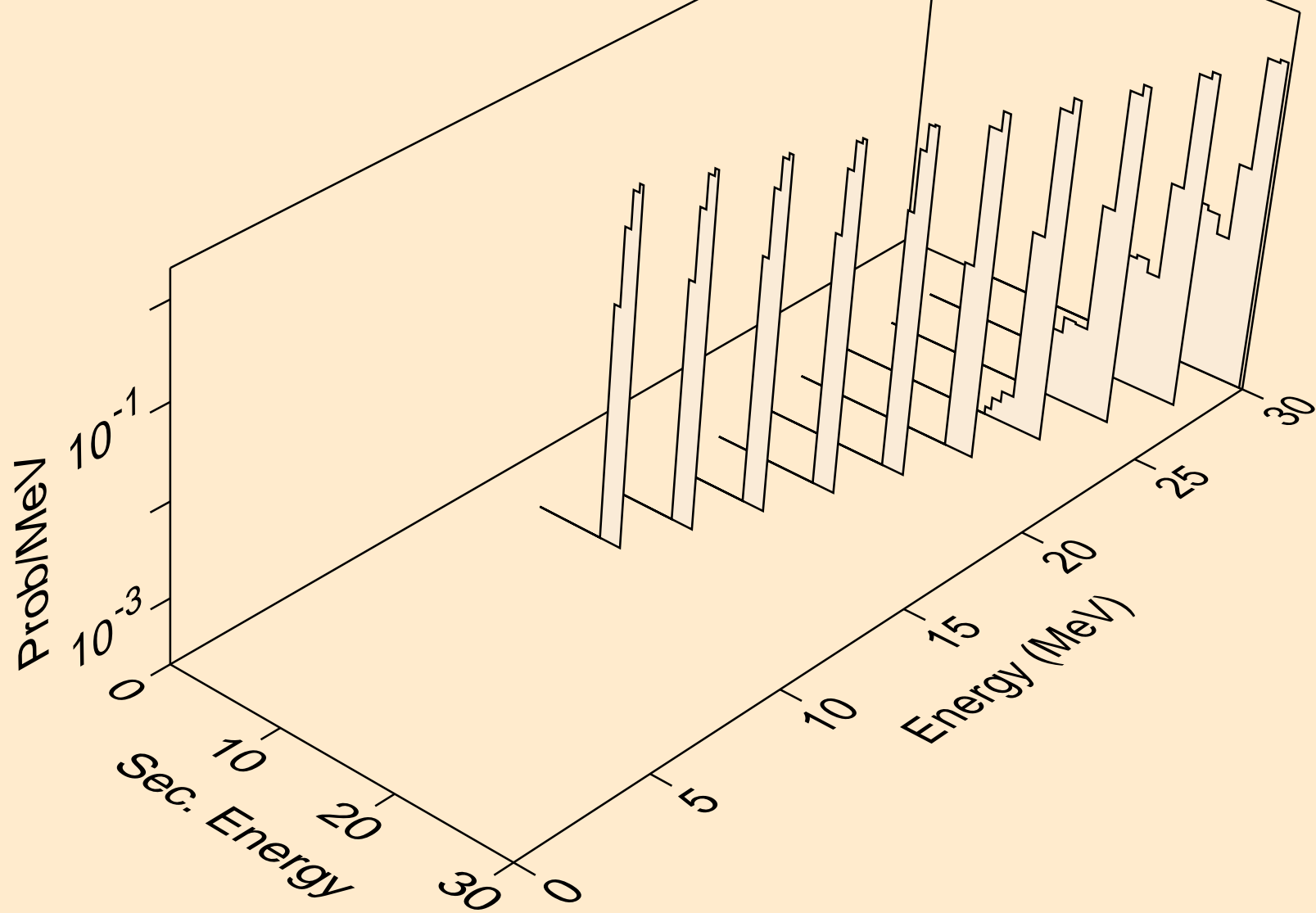




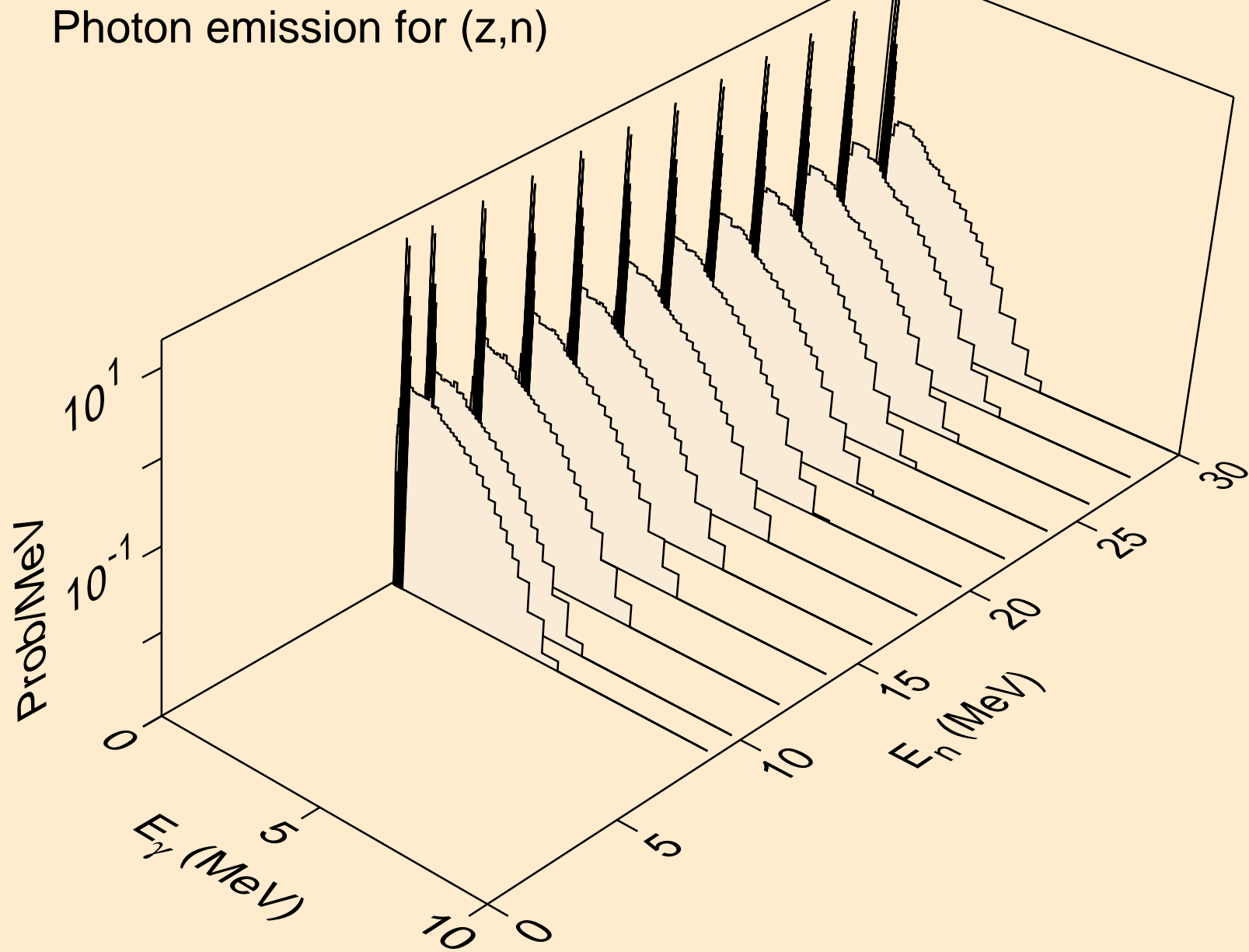
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



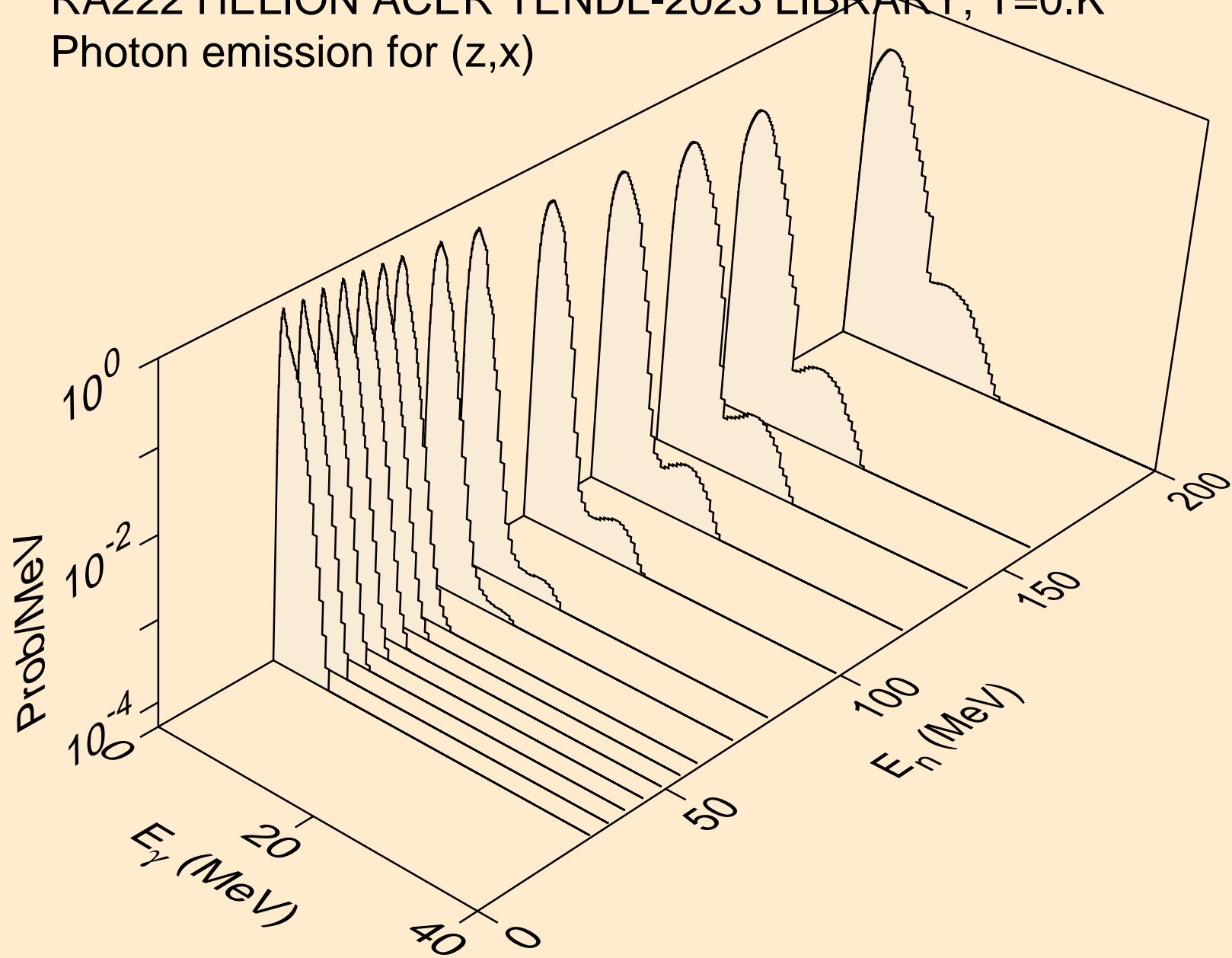
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



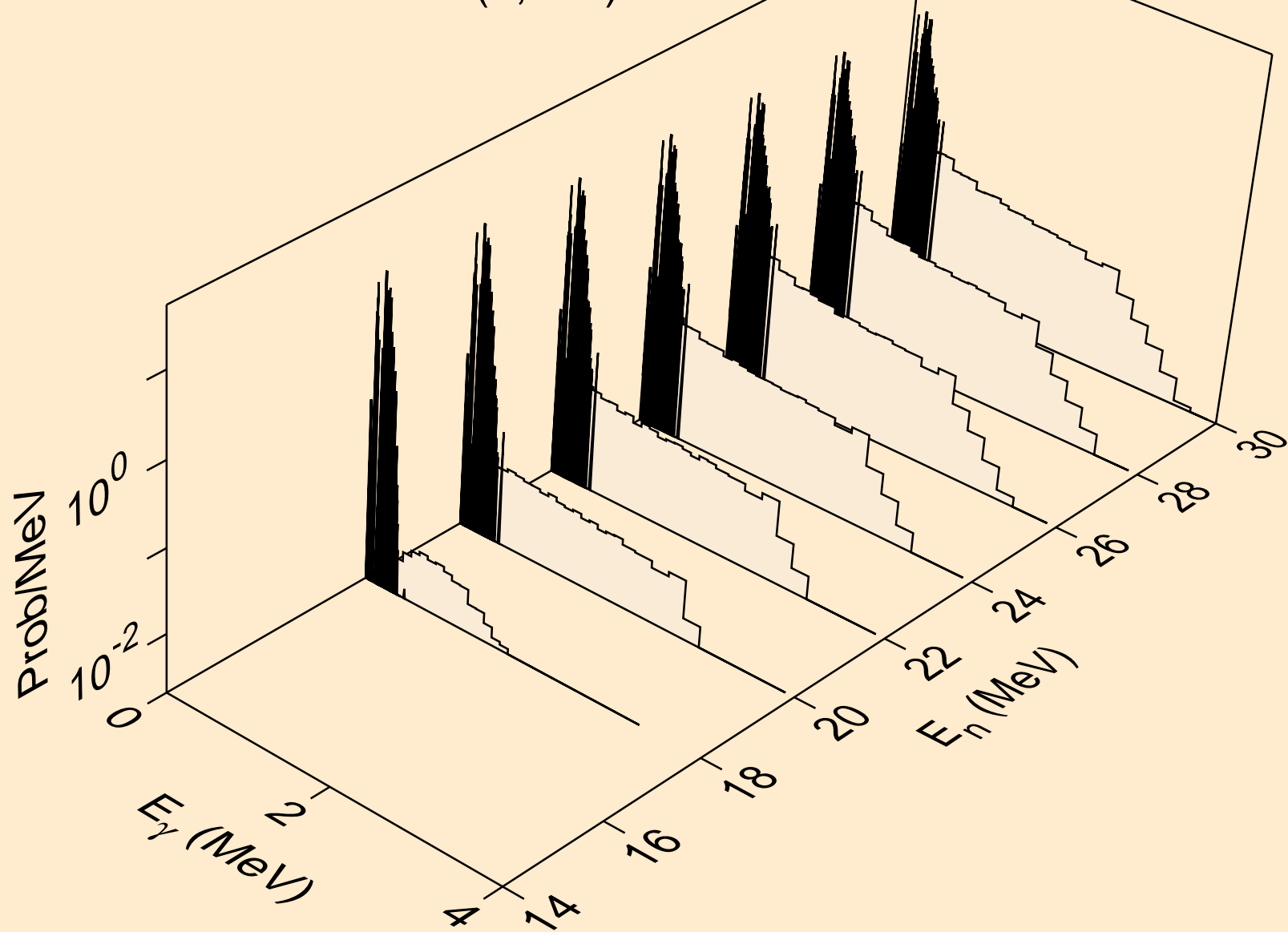
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



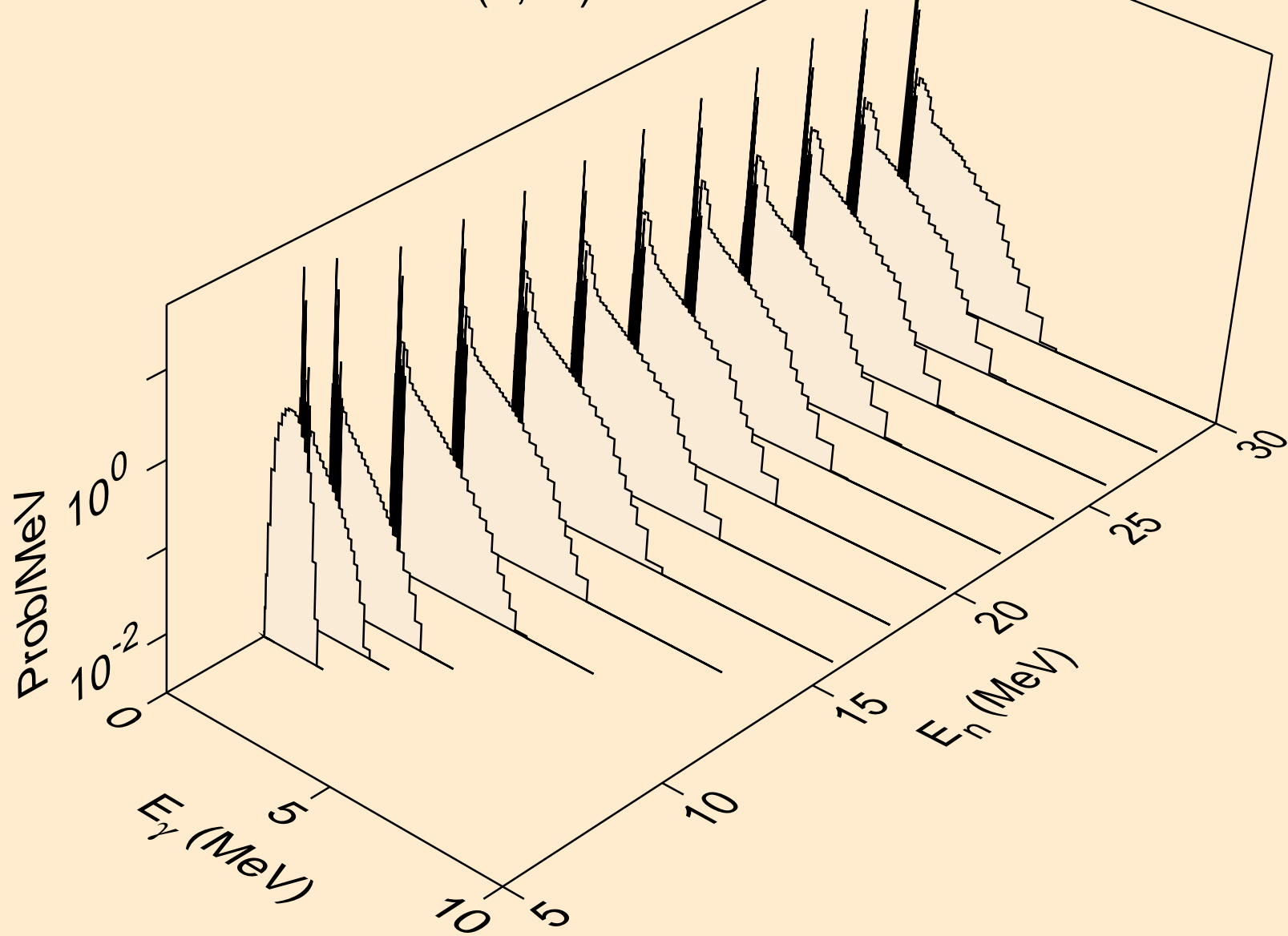
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



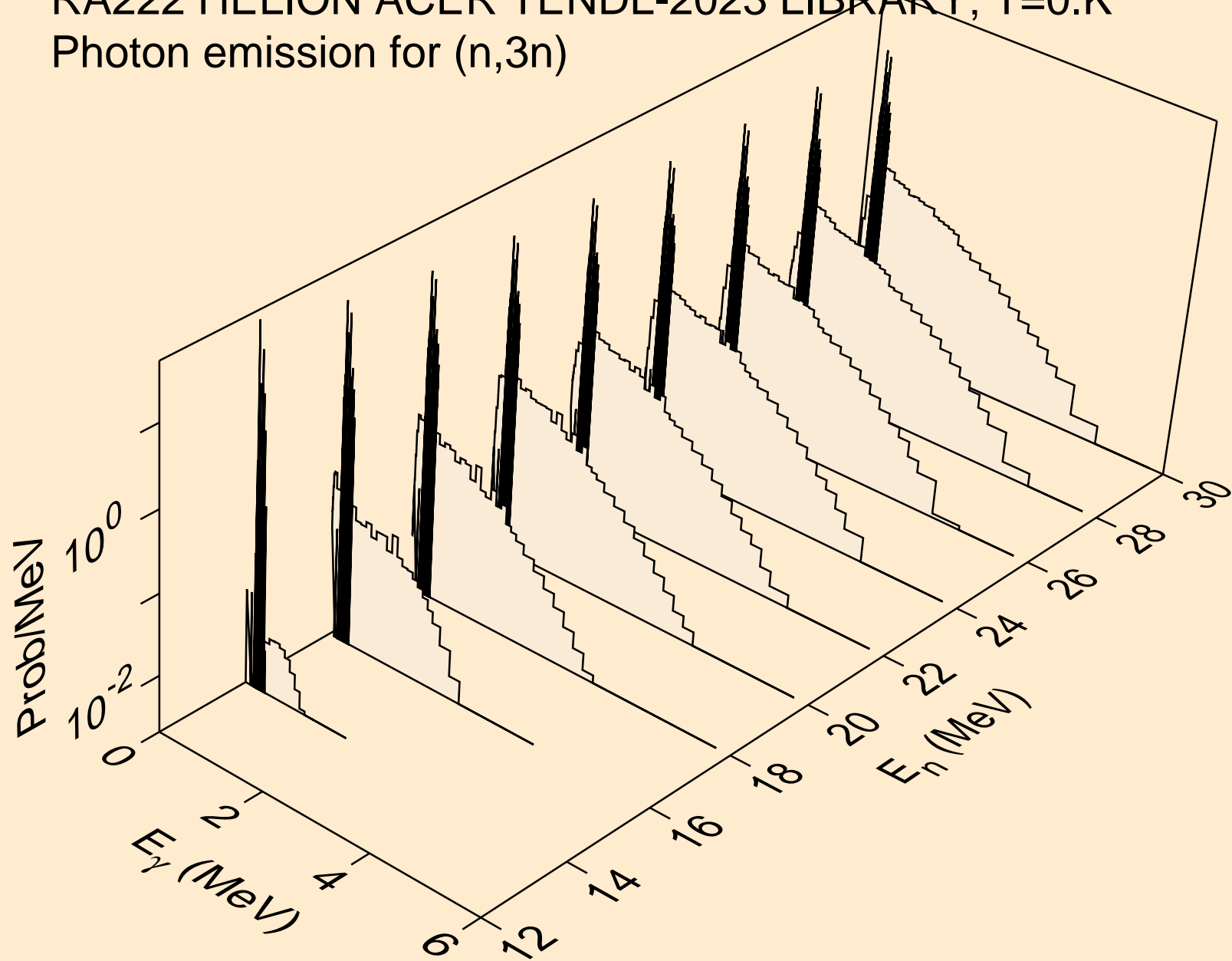
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



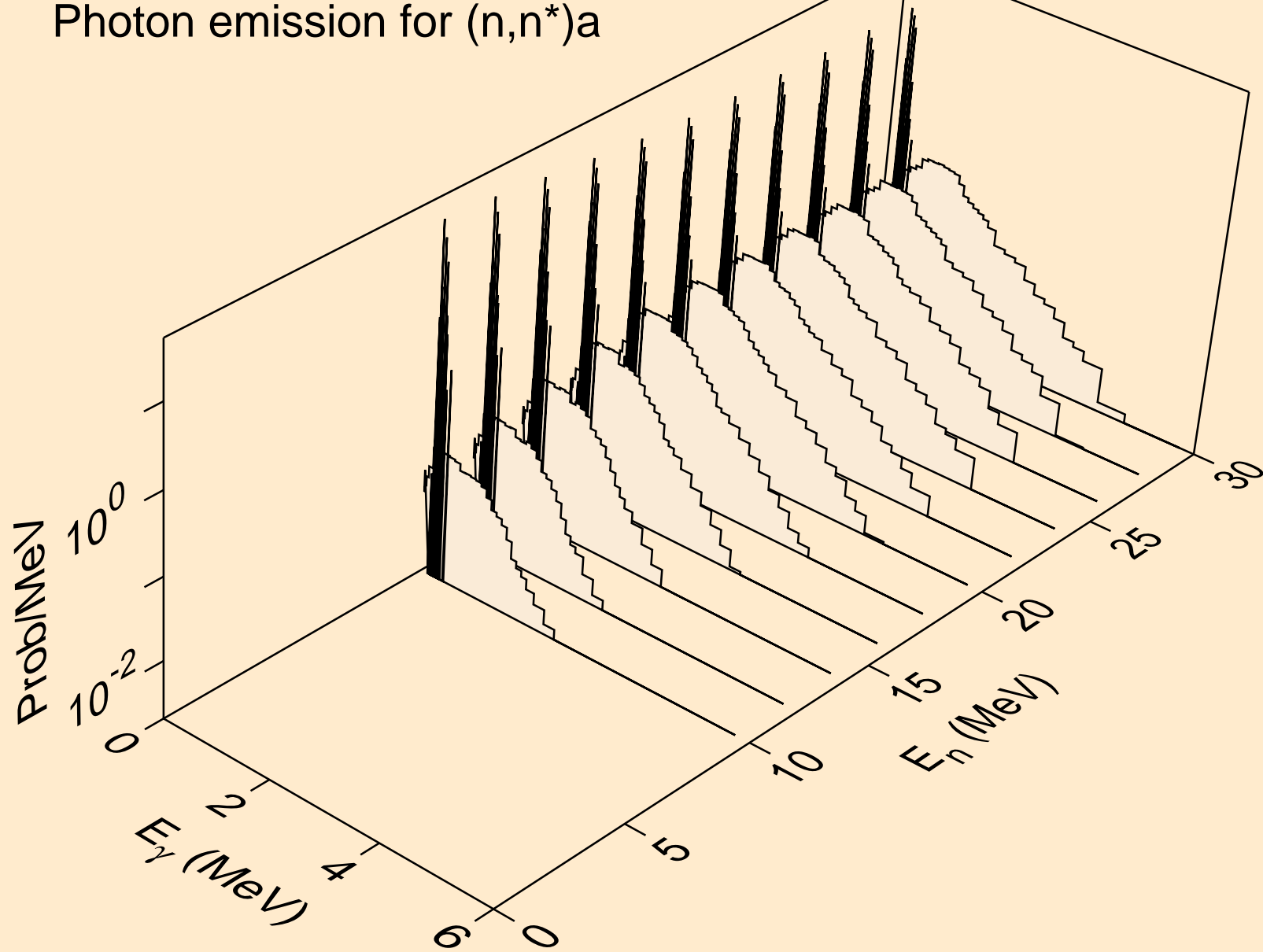
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

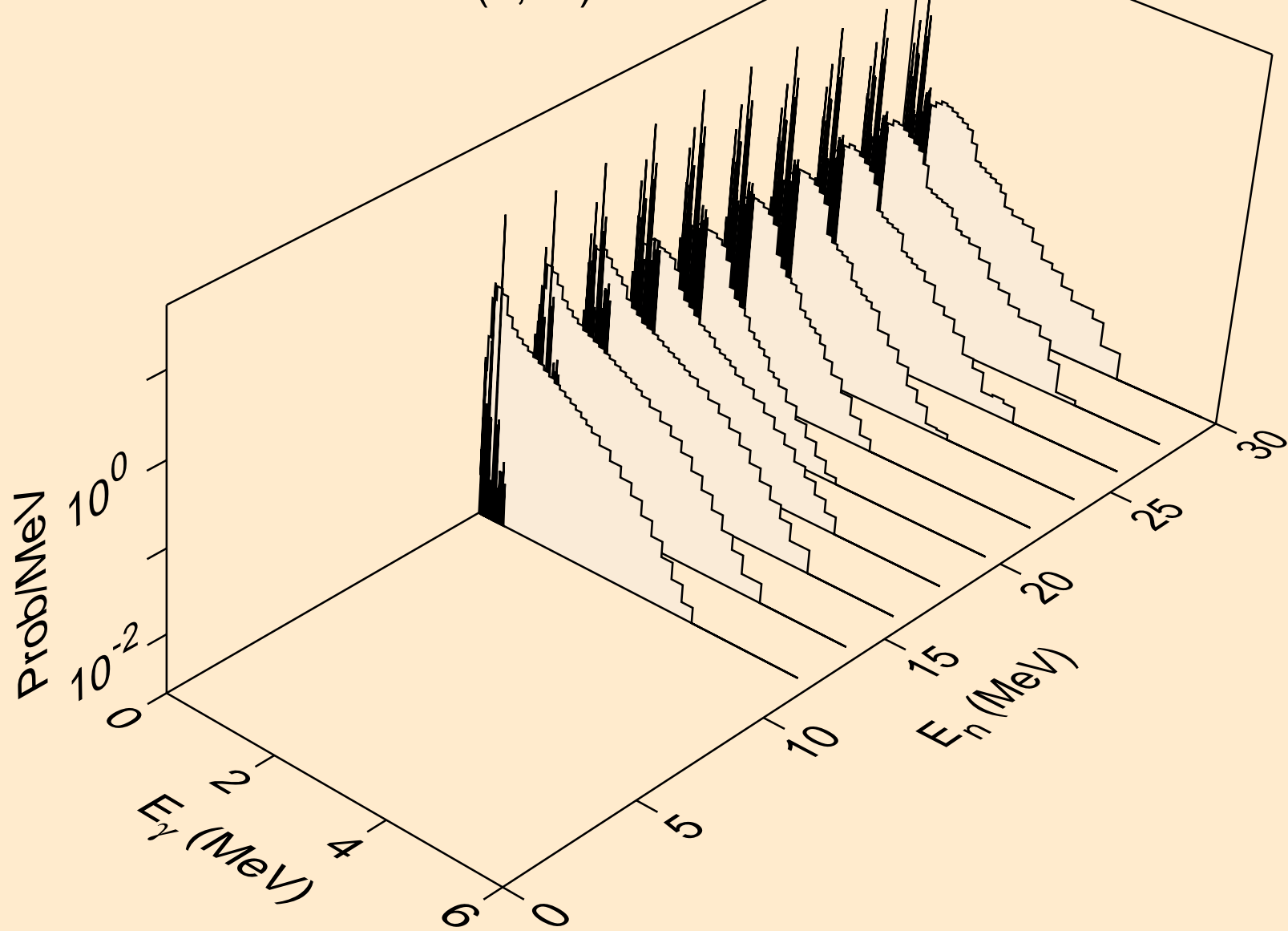


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

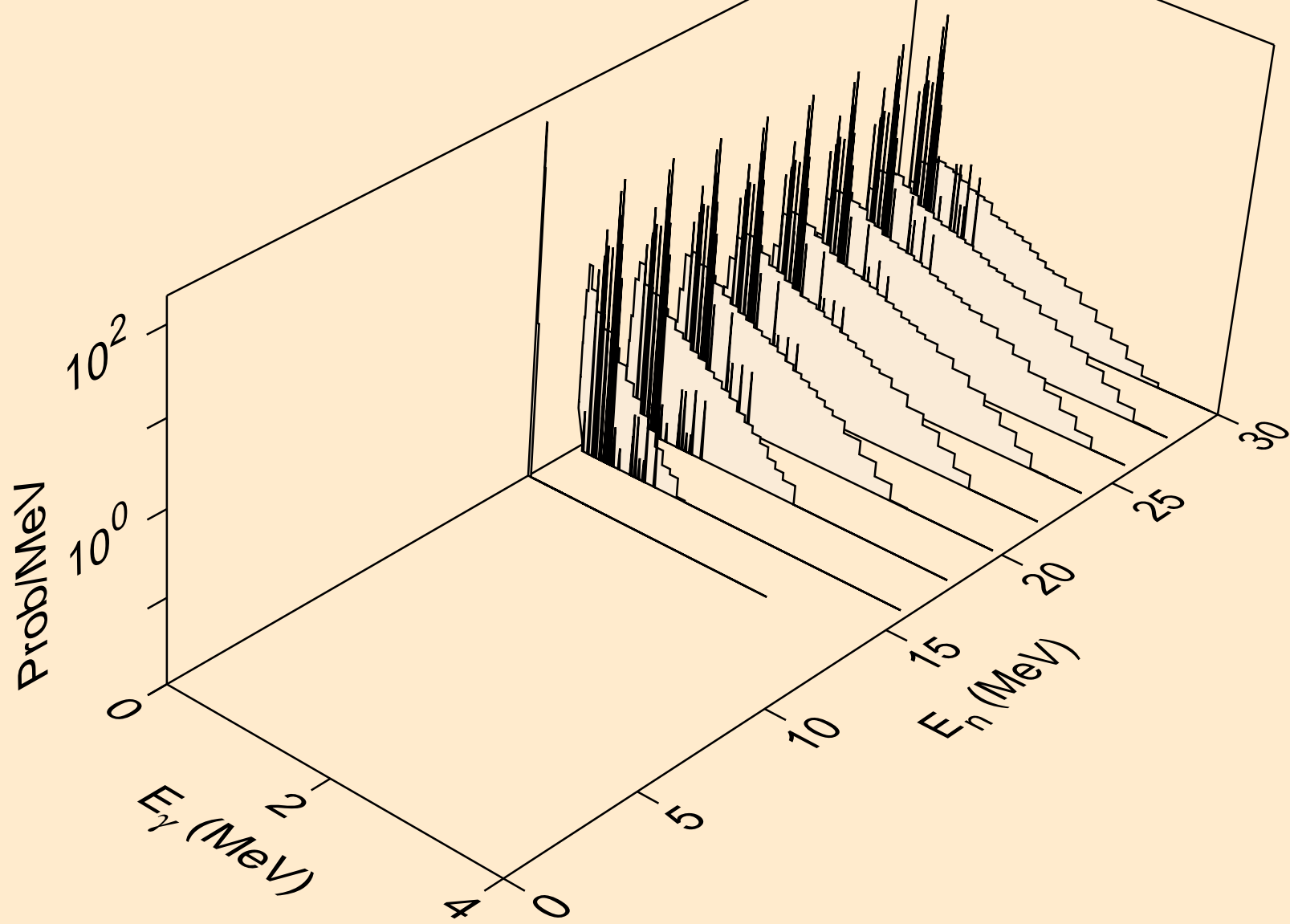




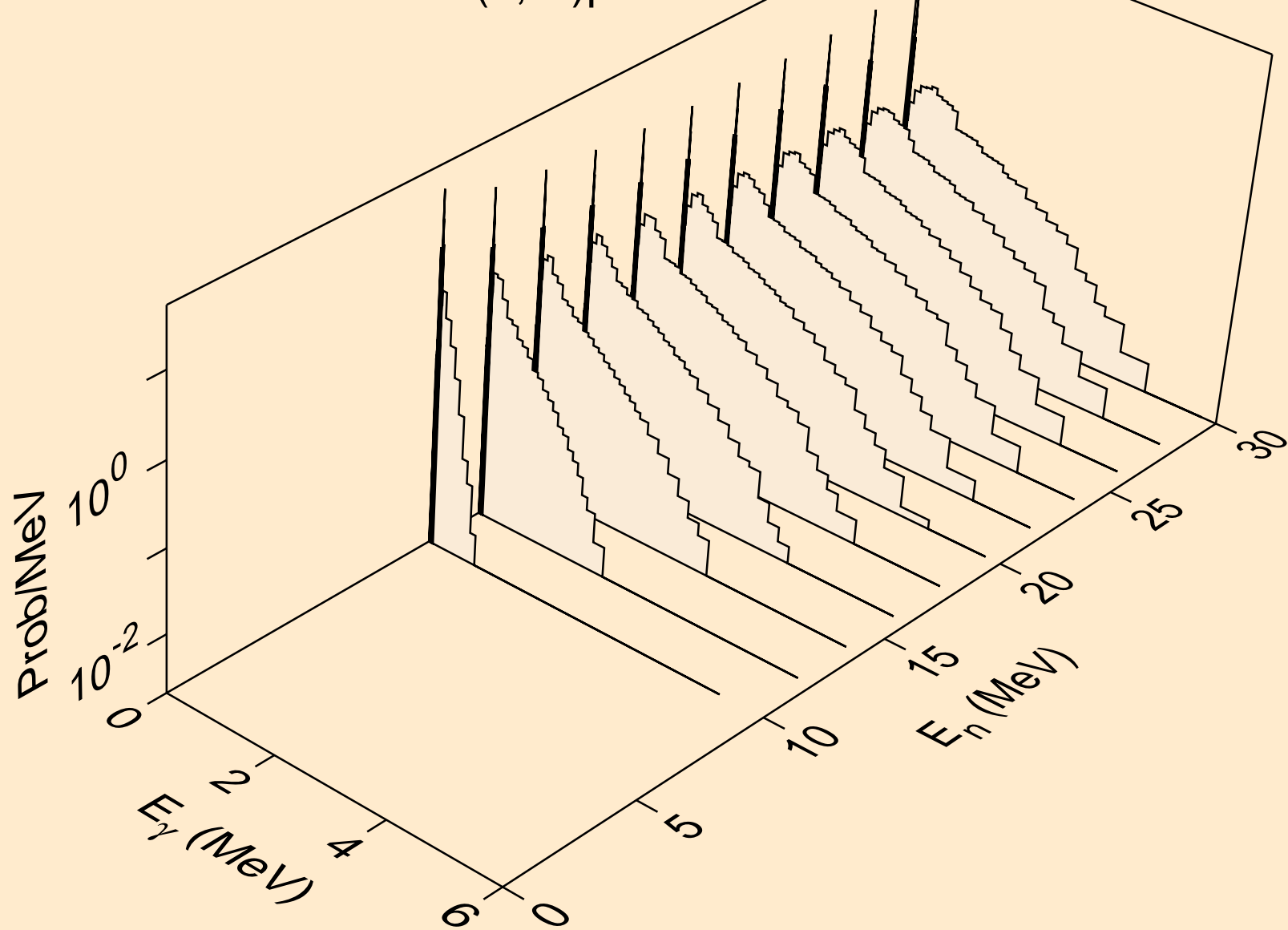
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



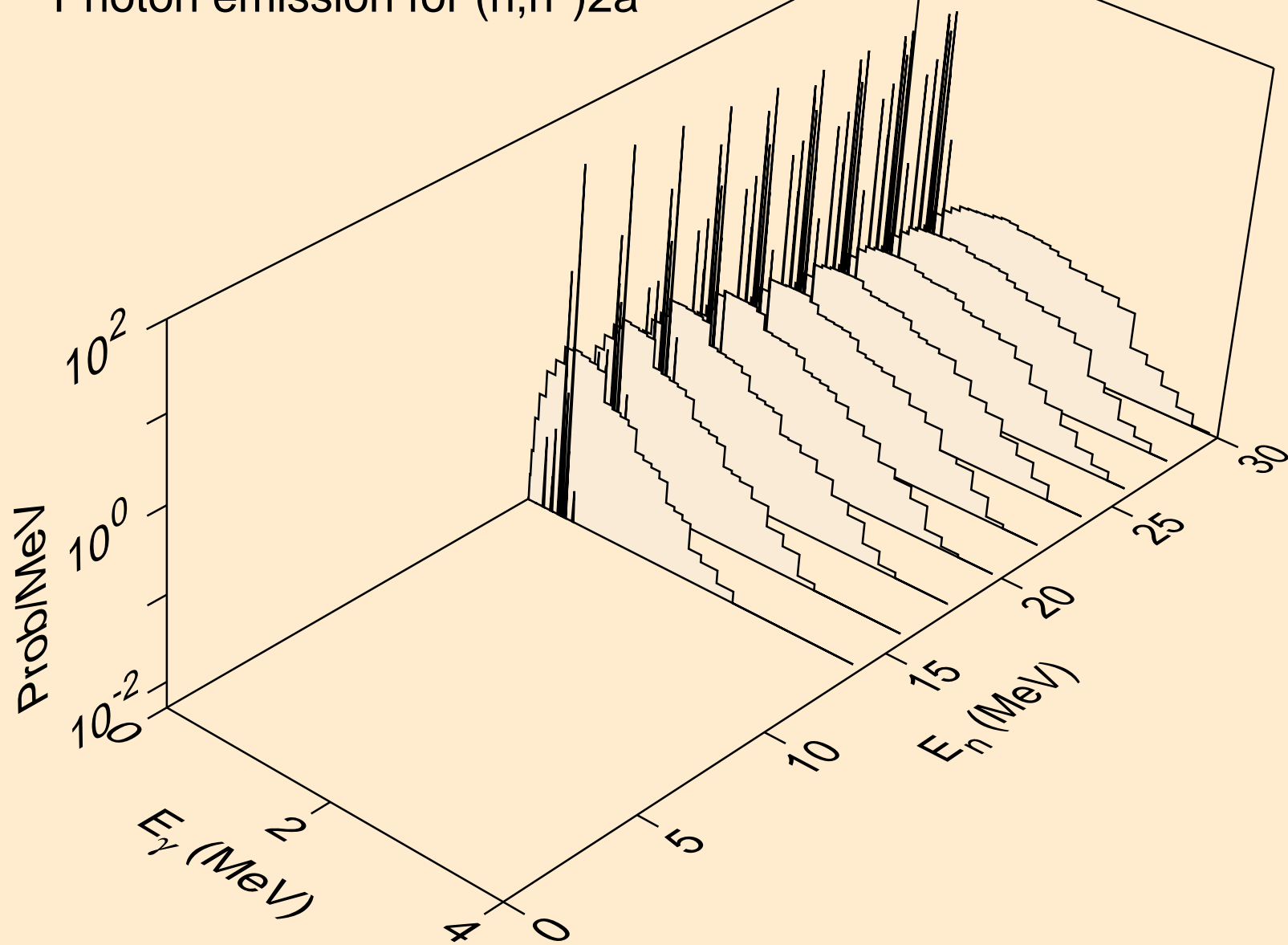
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



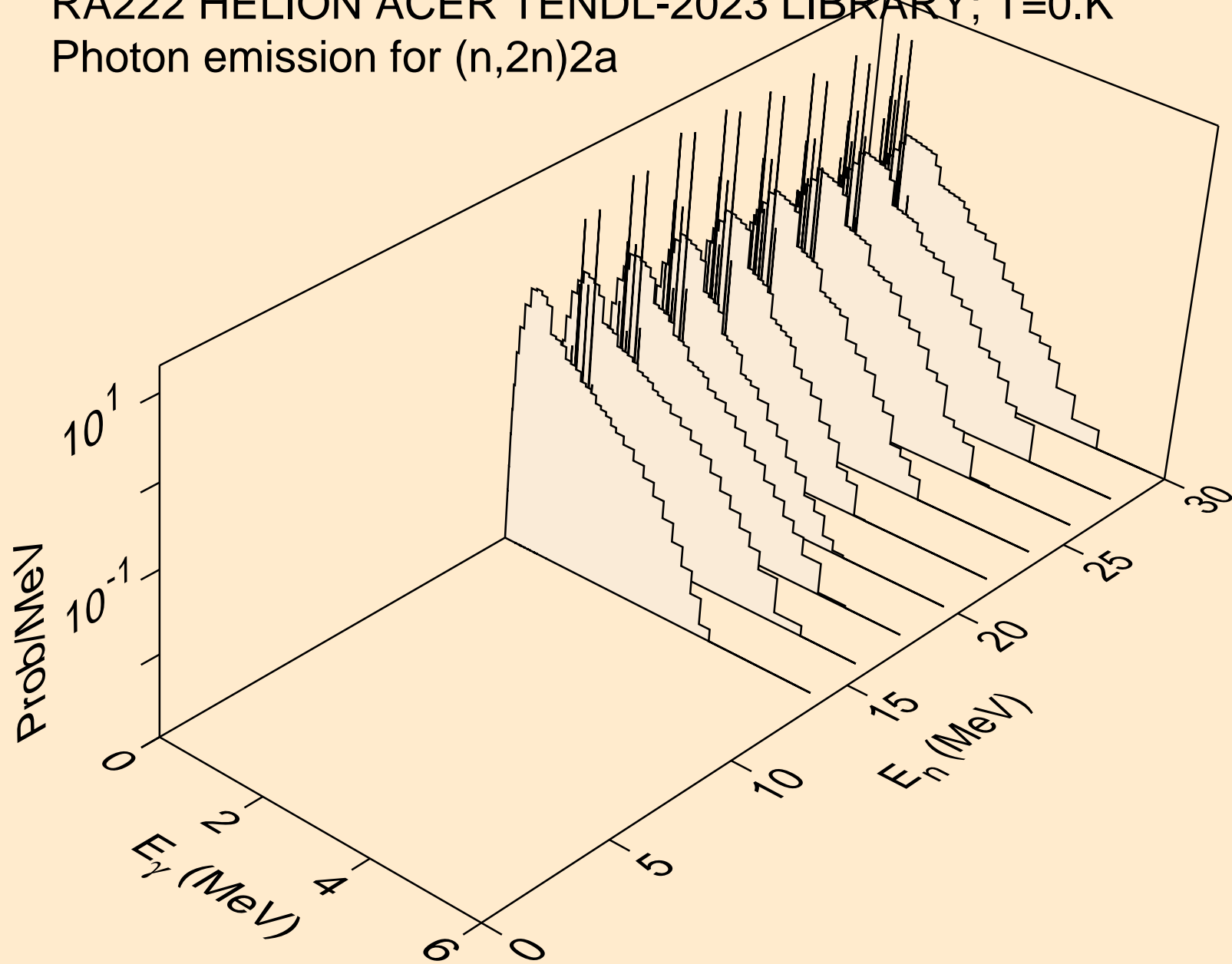
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



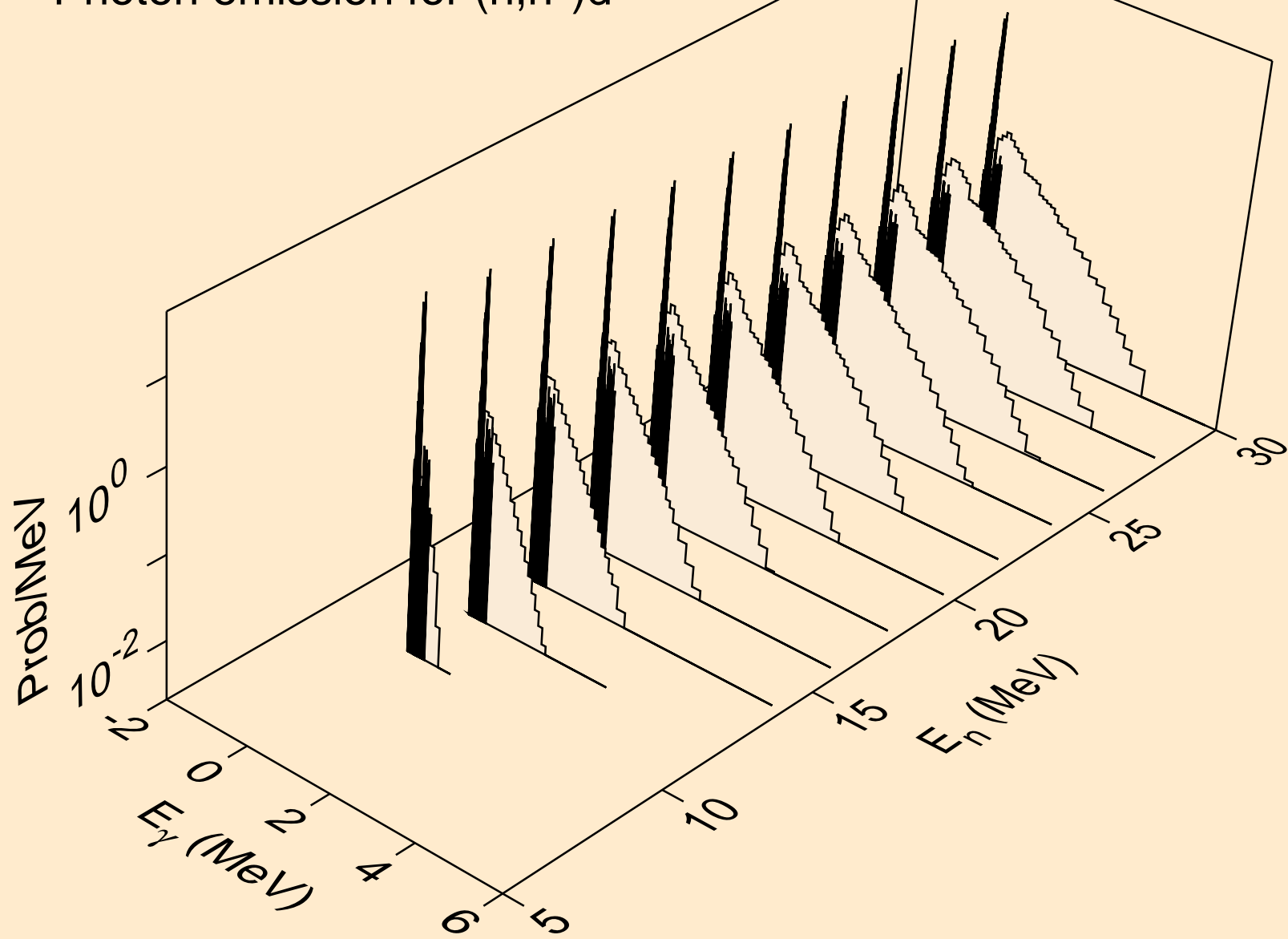
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



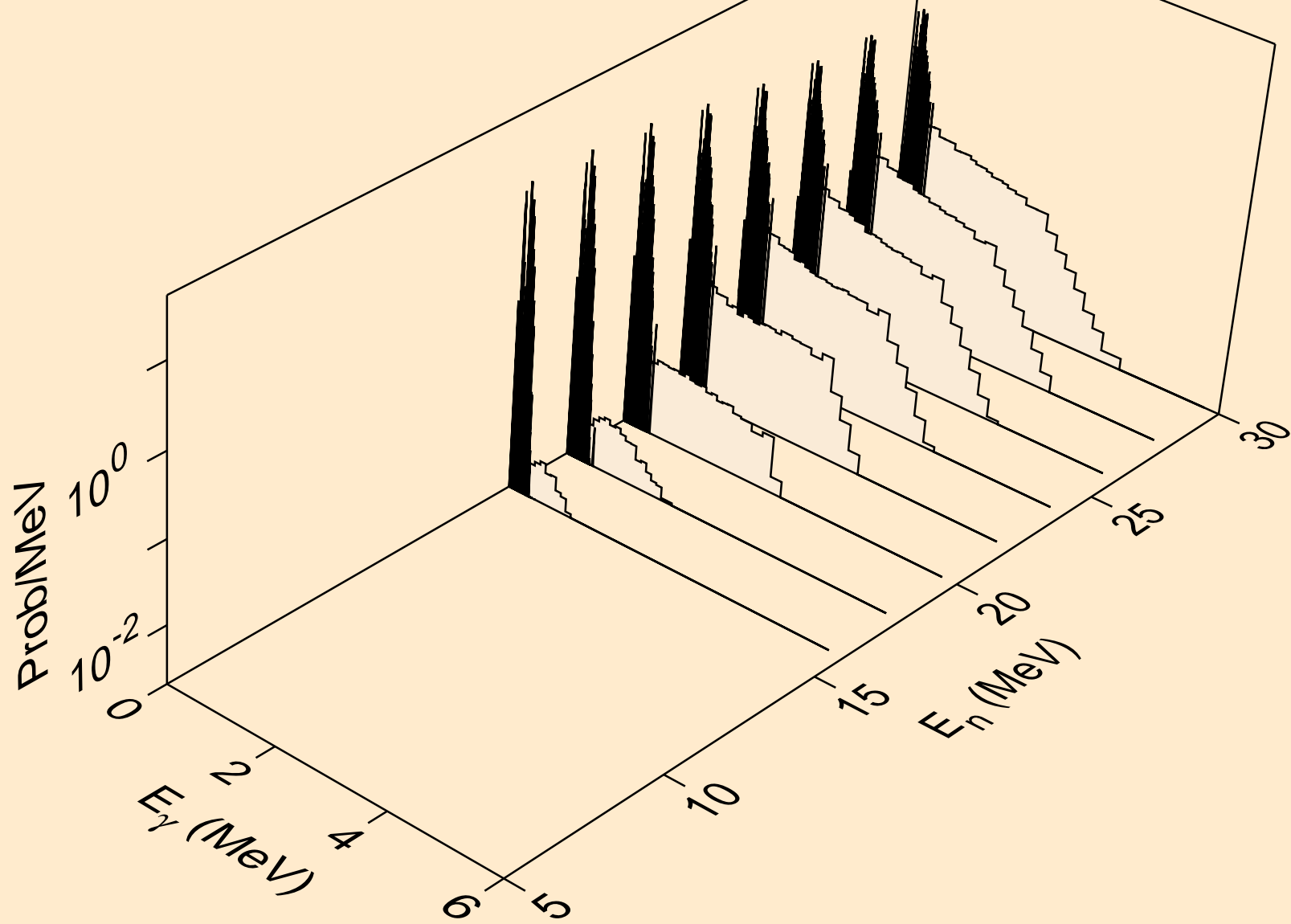
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



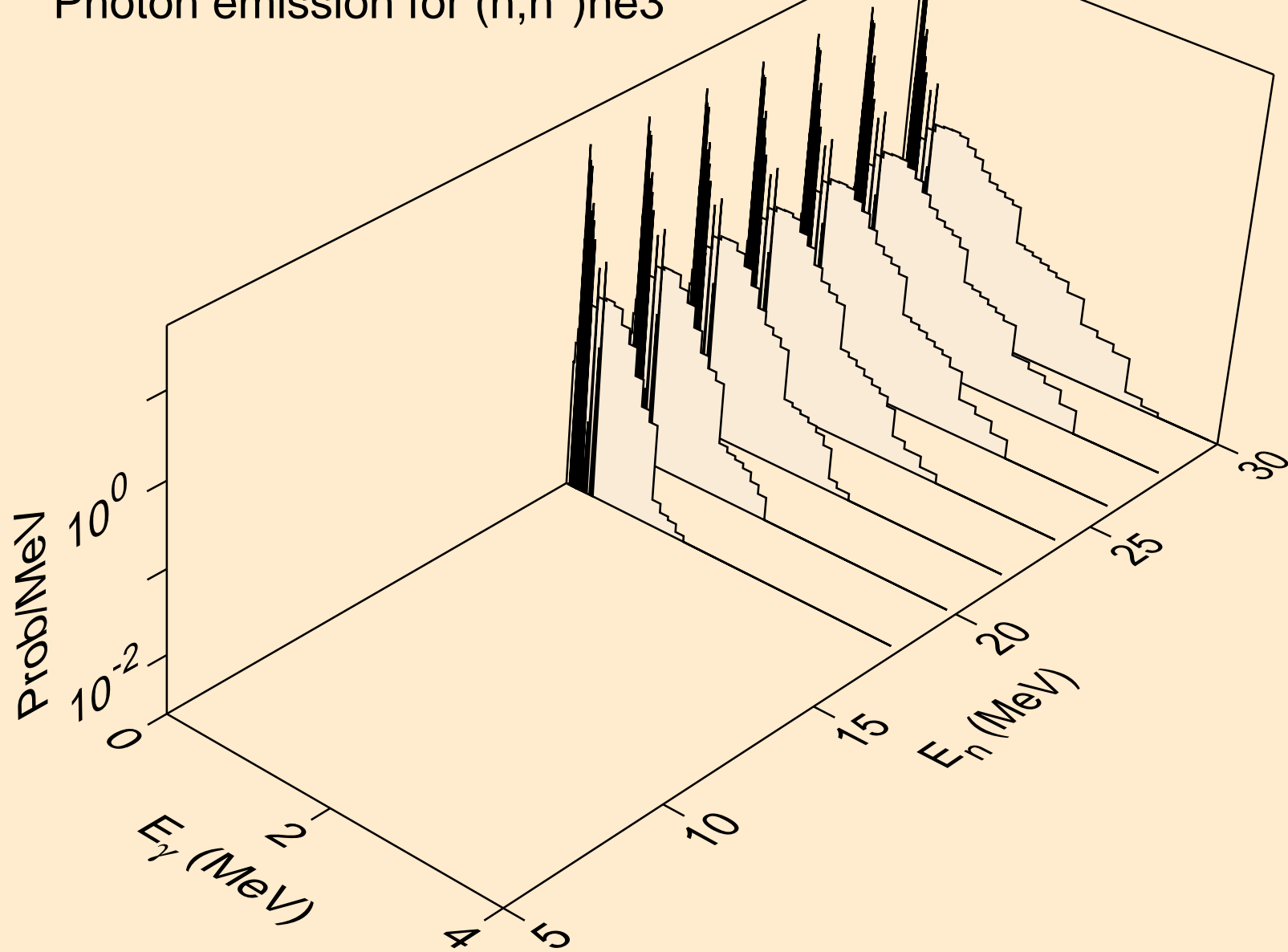
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

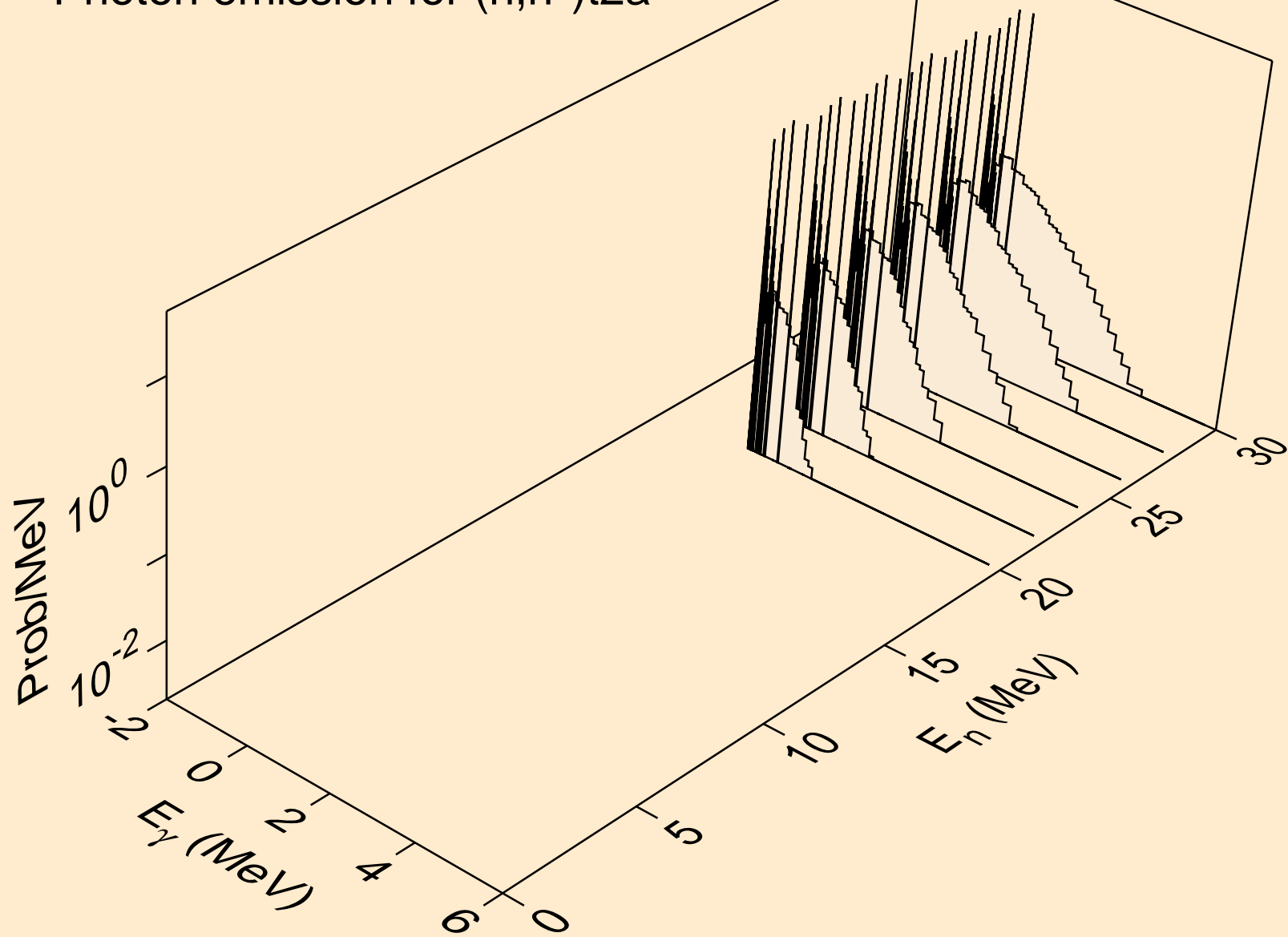


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

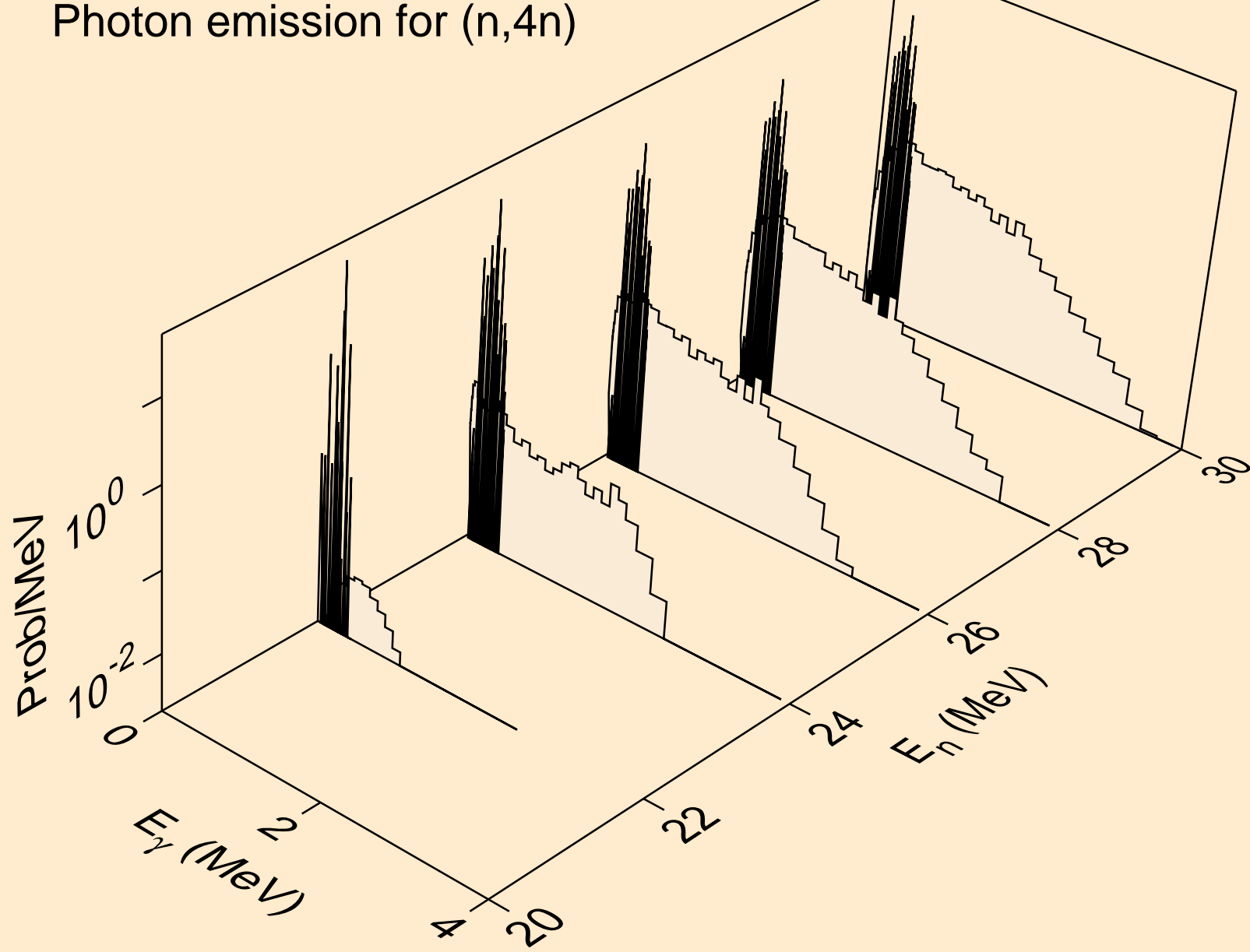




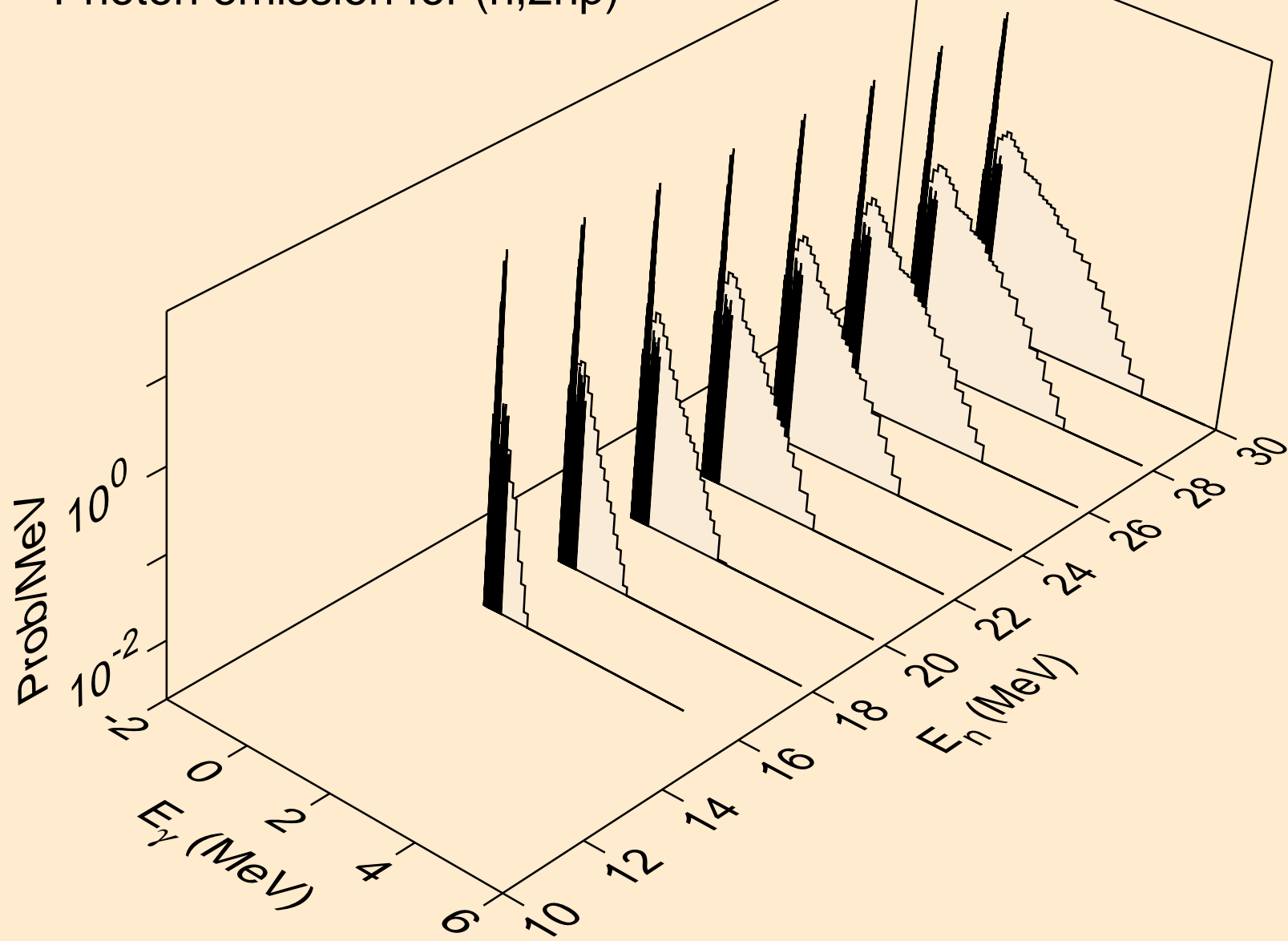
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Photon emission for (n,n\*)t2a



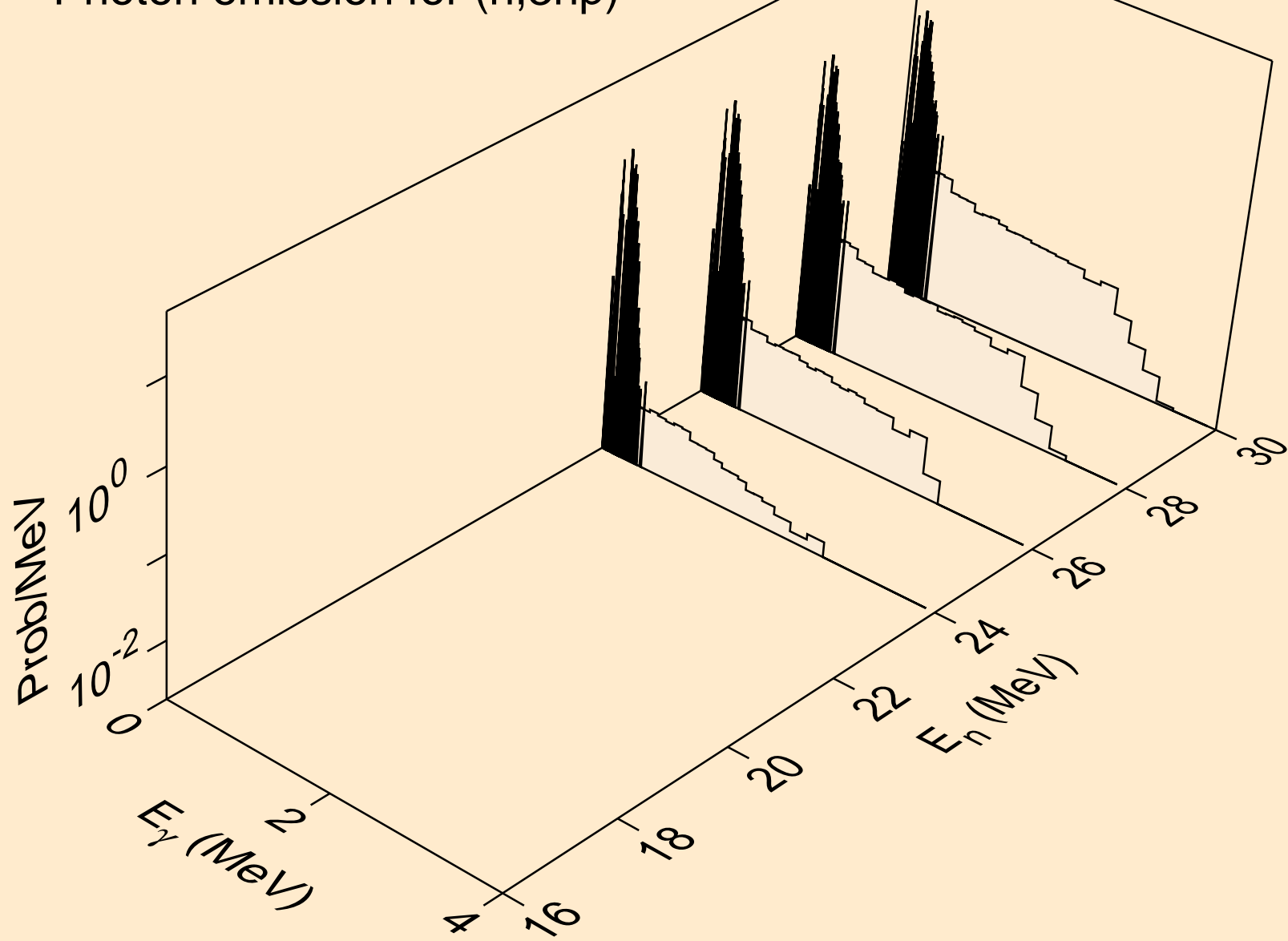
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Photon emission for (n,4n)



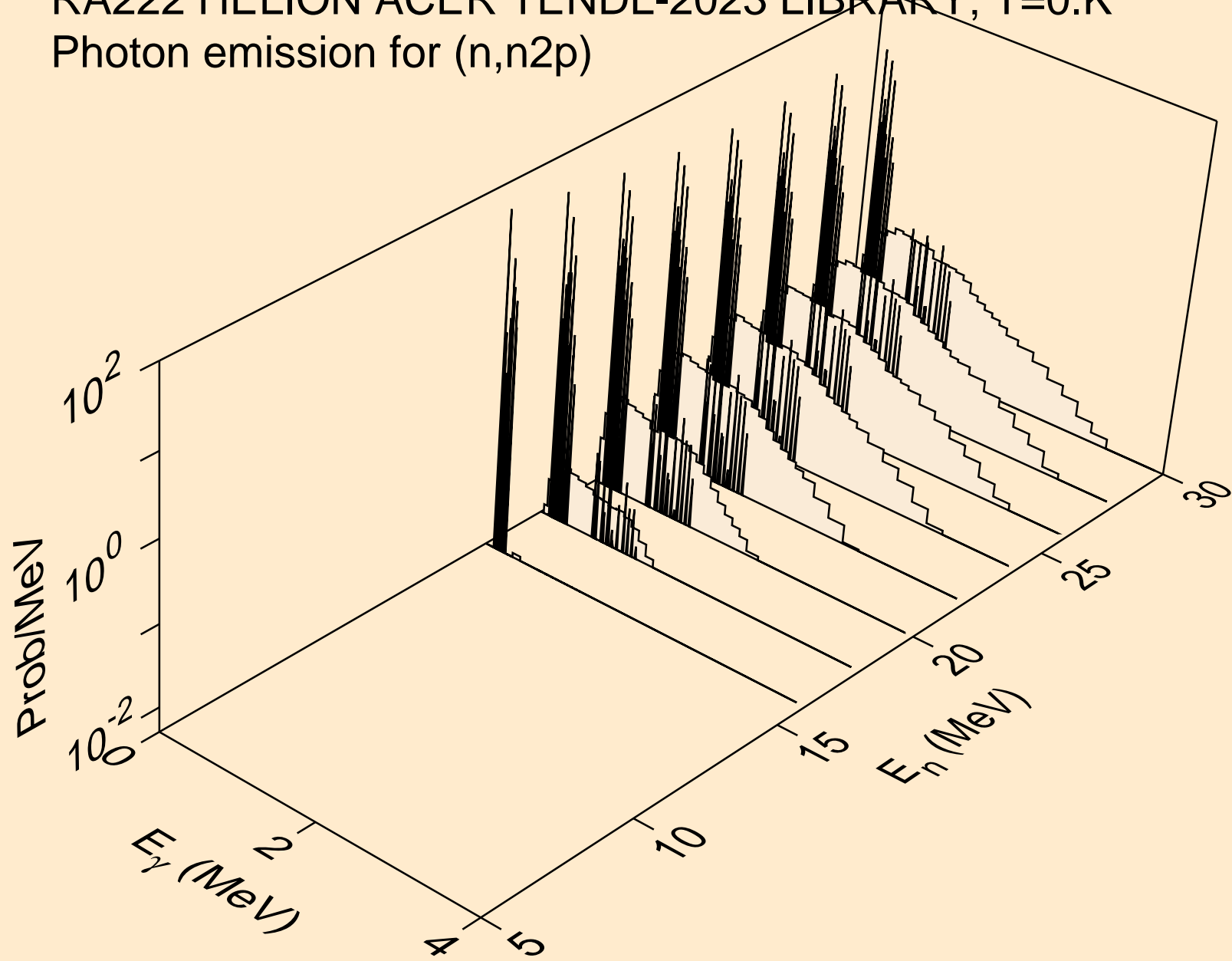
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Photon emission for (n,2np)



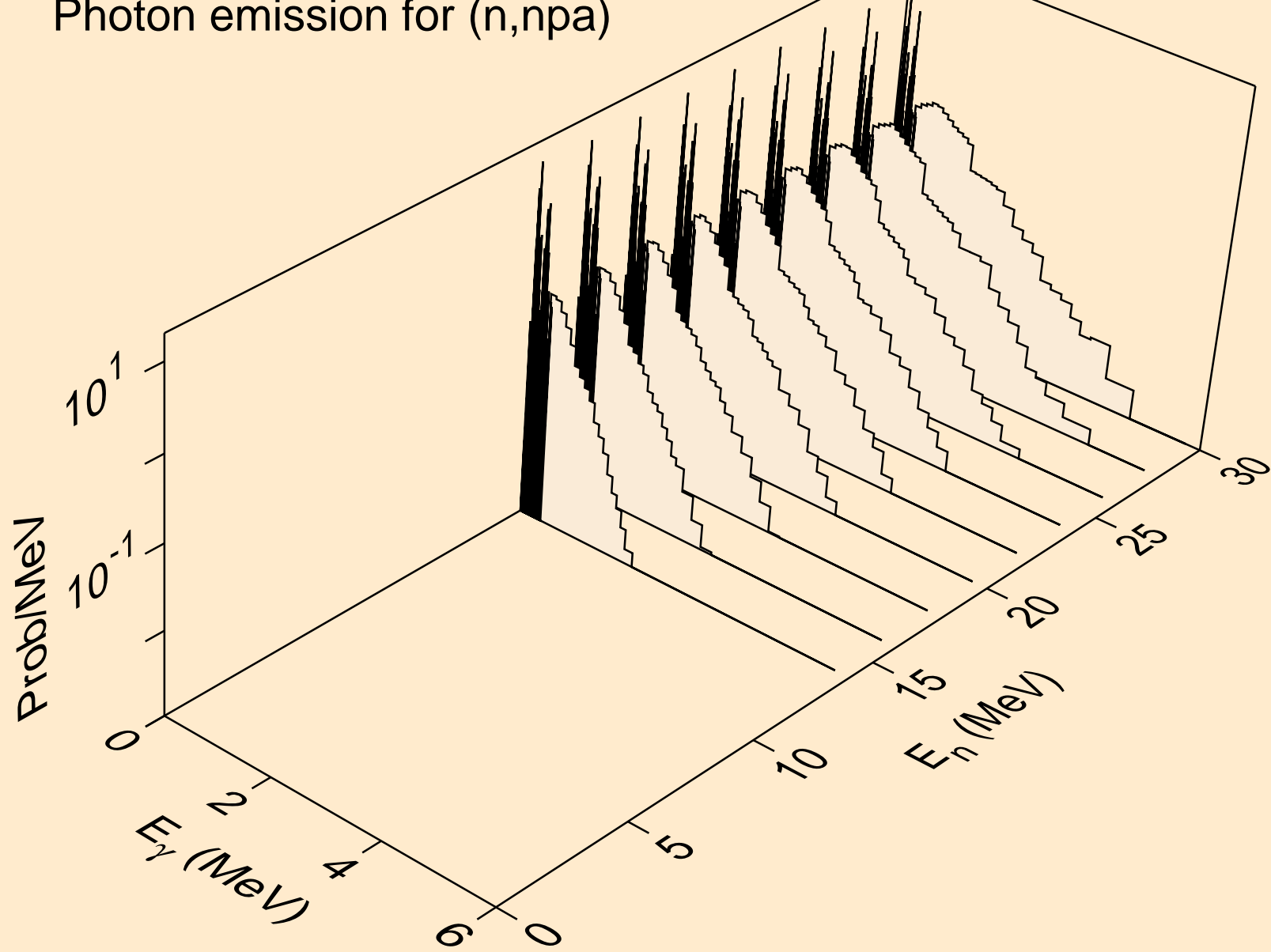
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Photon emission for (n,3np)



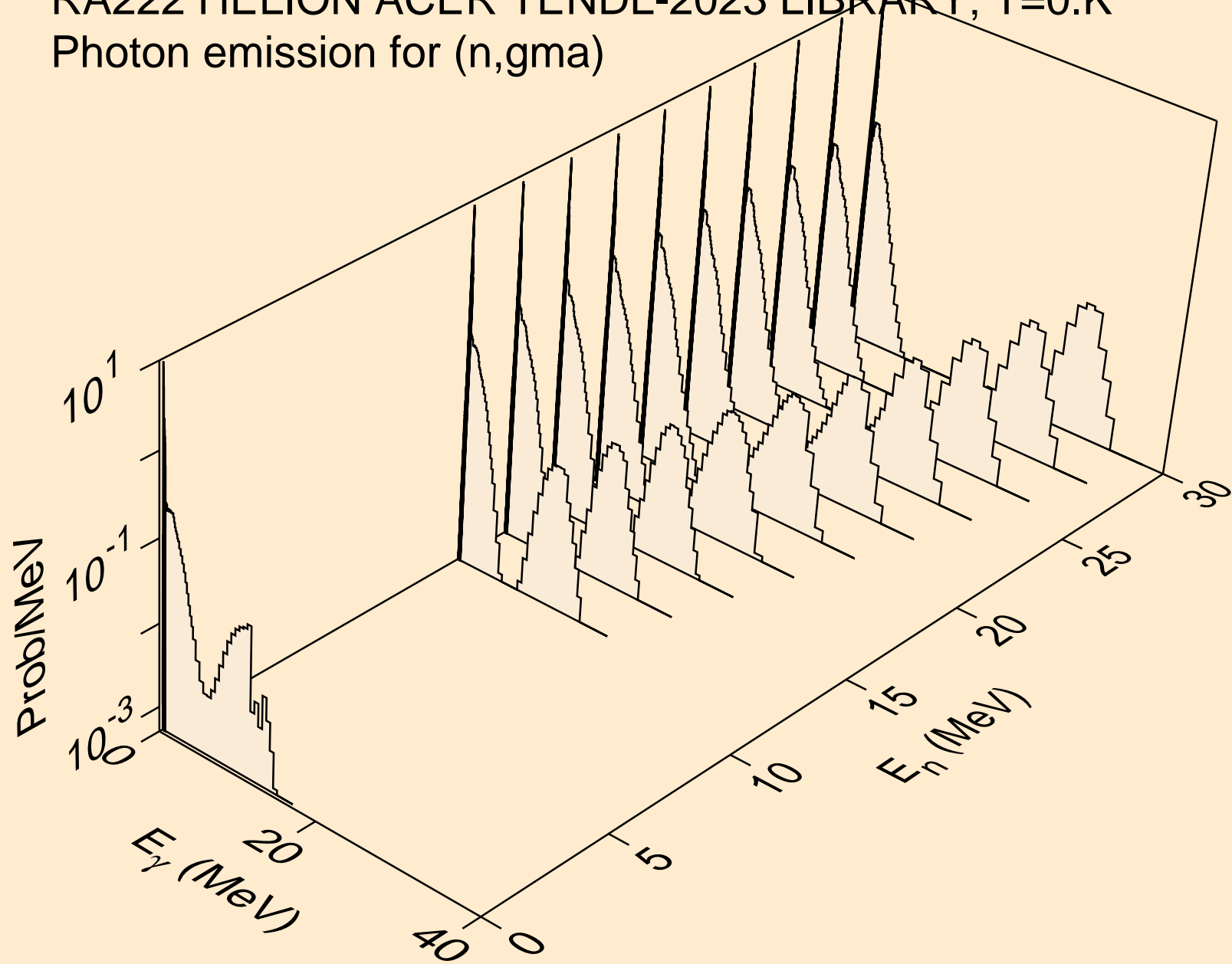
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Photon emission for (n,n2p)



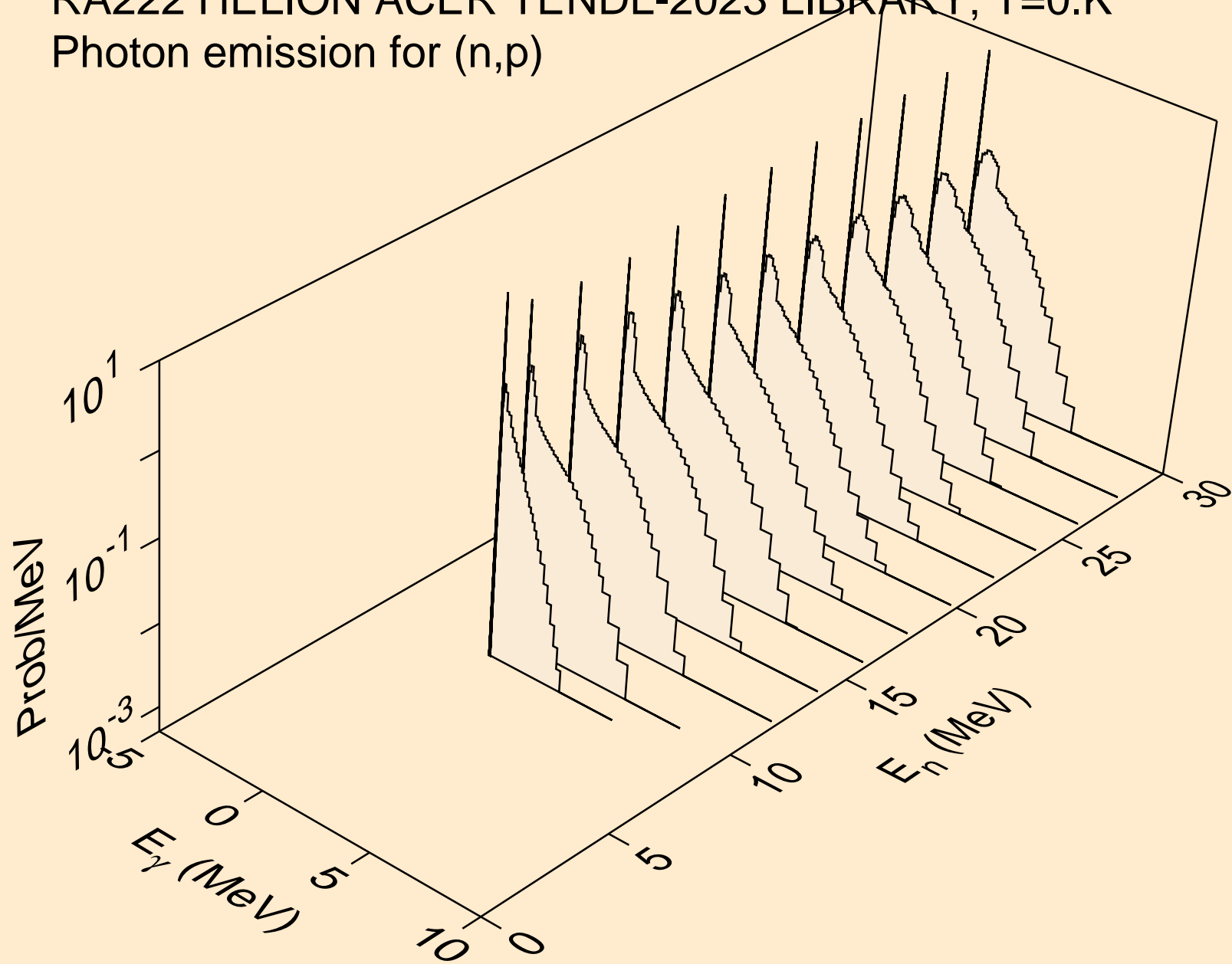
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

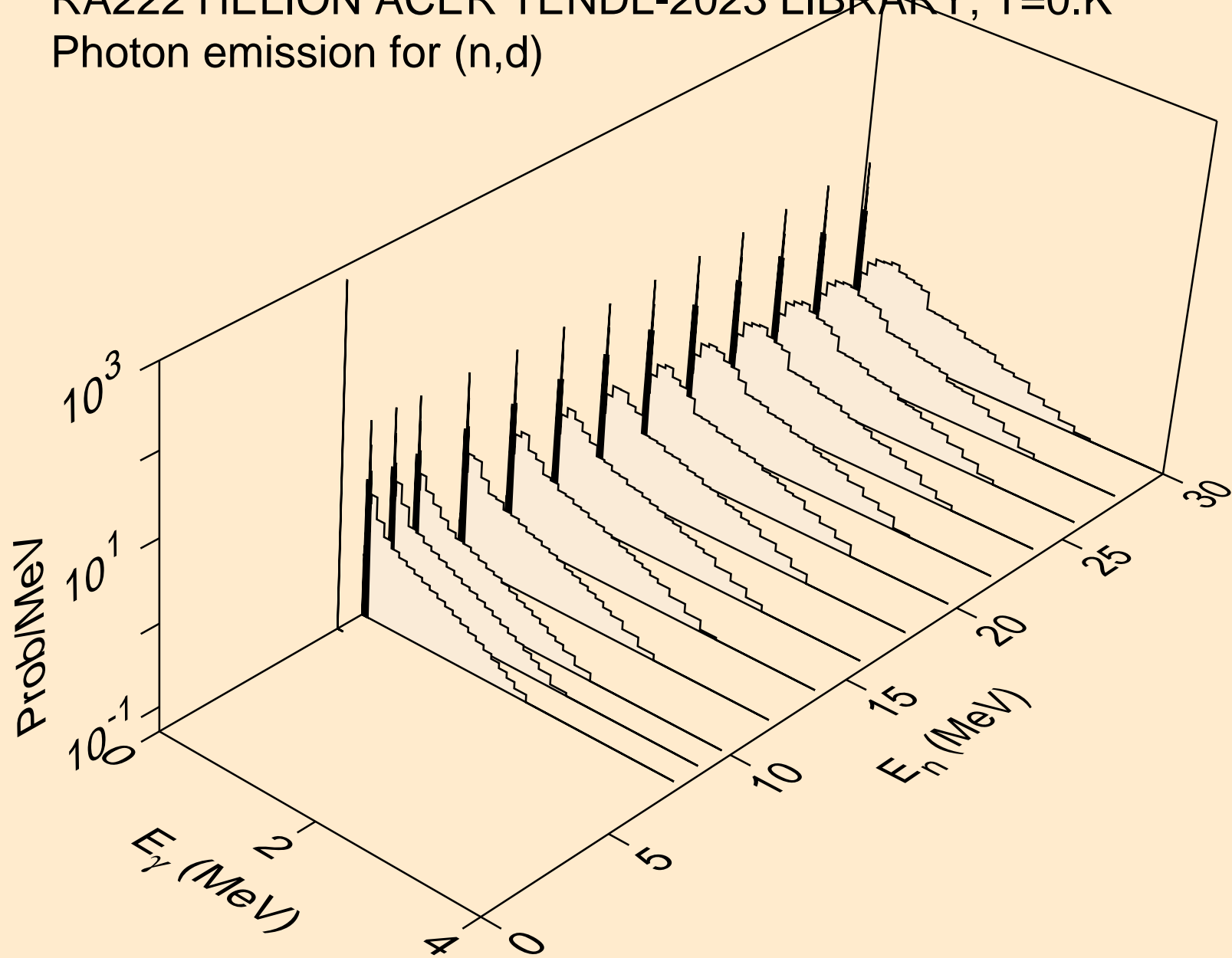


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Photon emission for (n,p)

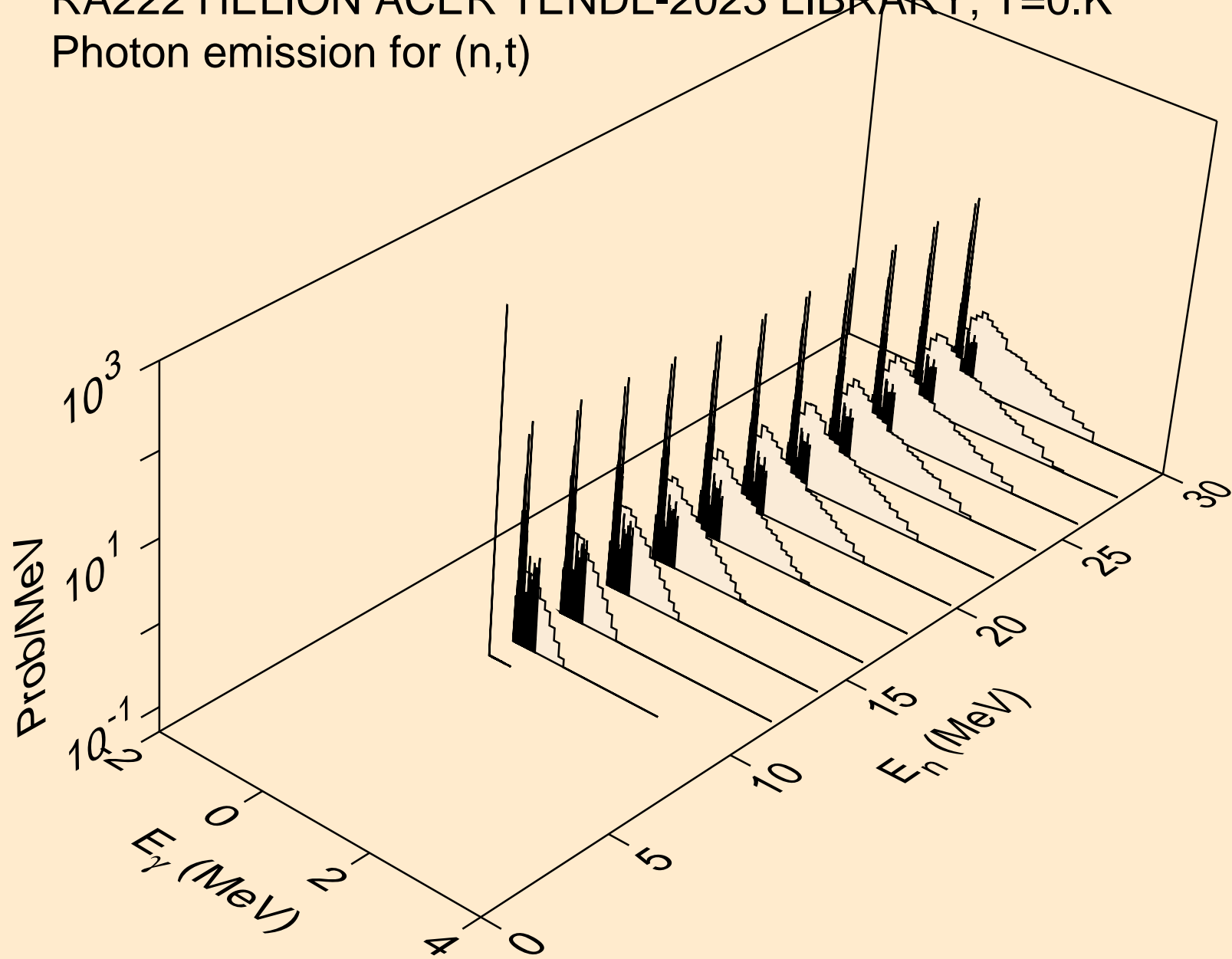




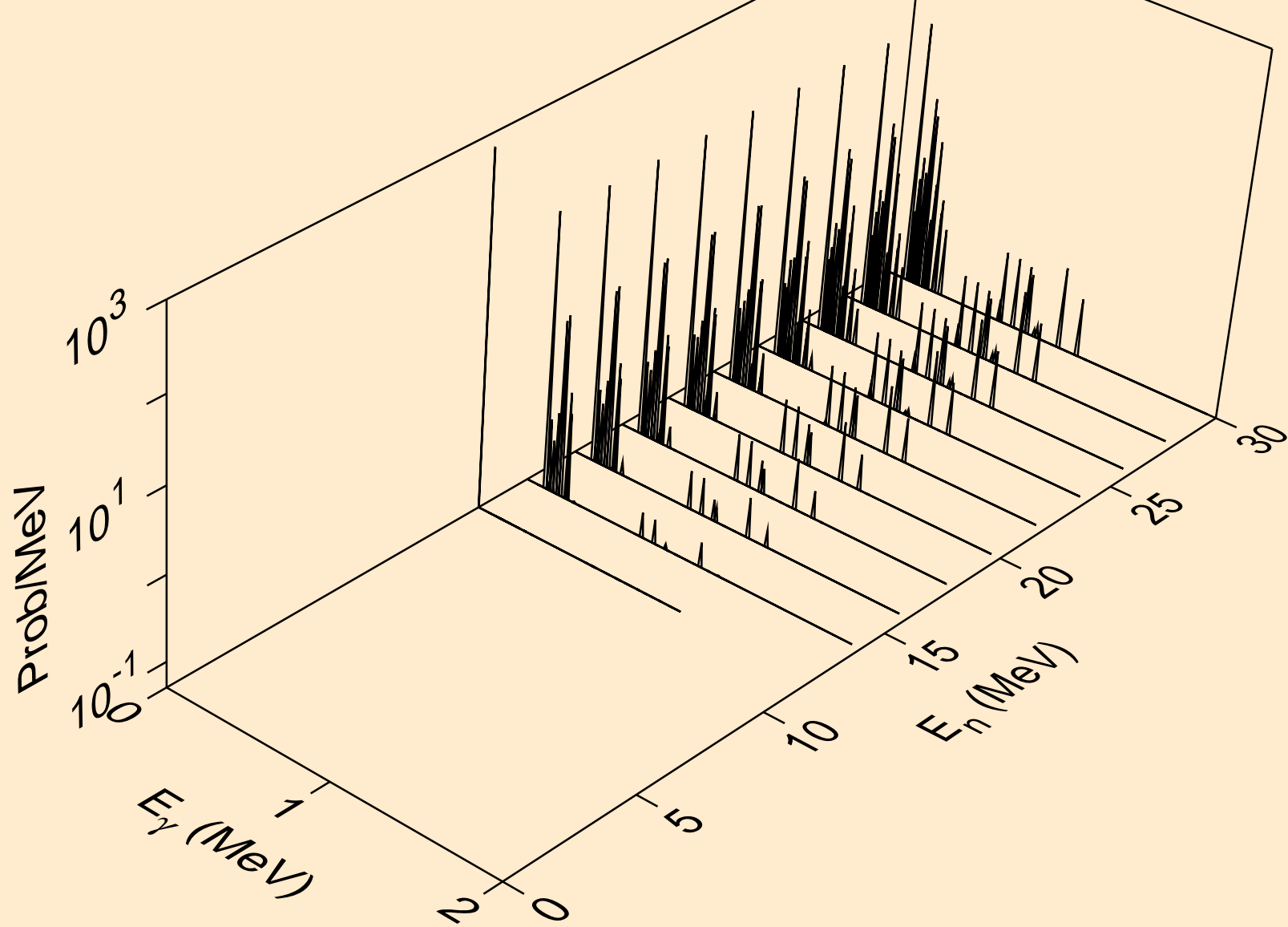
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Photon emission for (n,d)



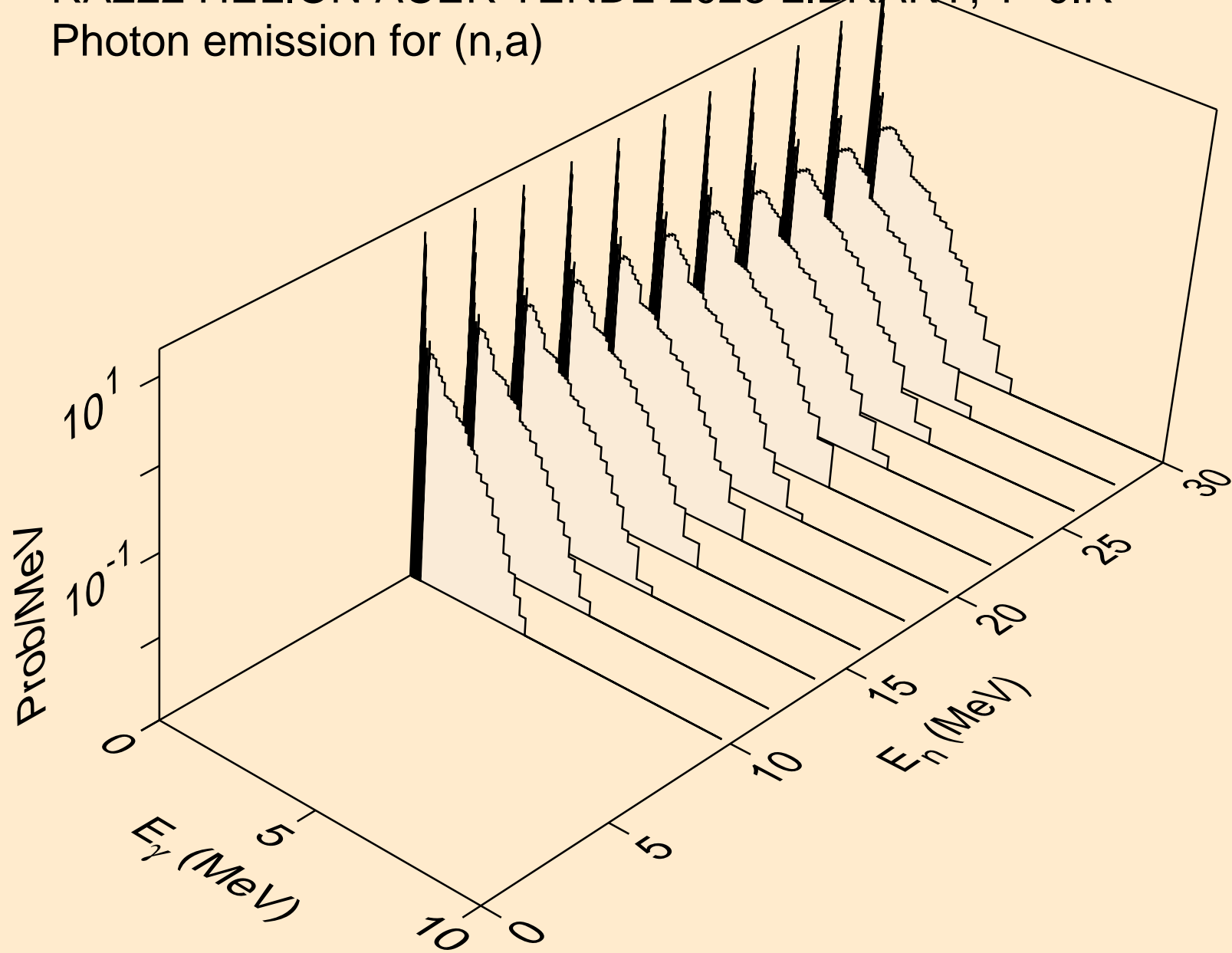
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Photon emission for (n,t)



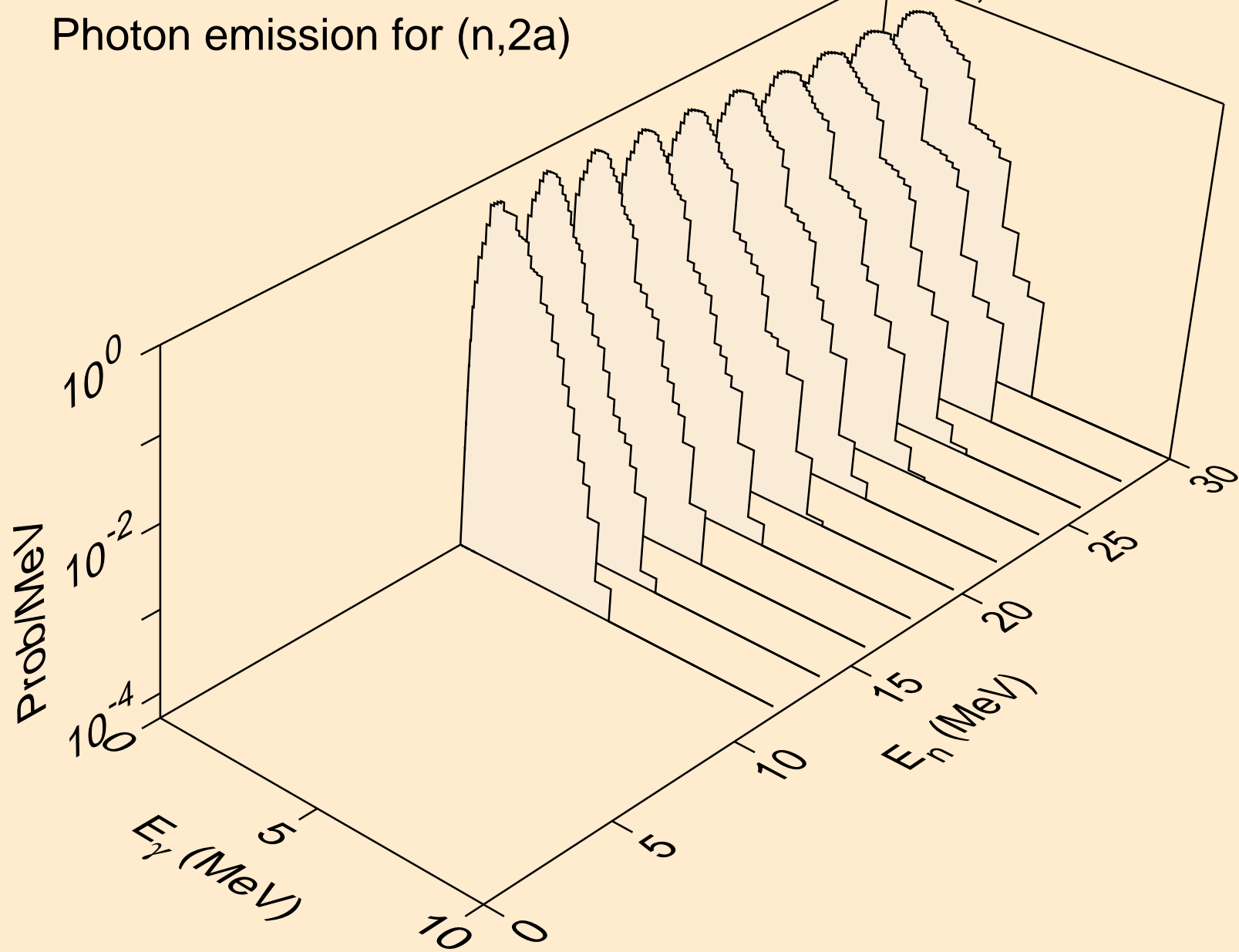
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



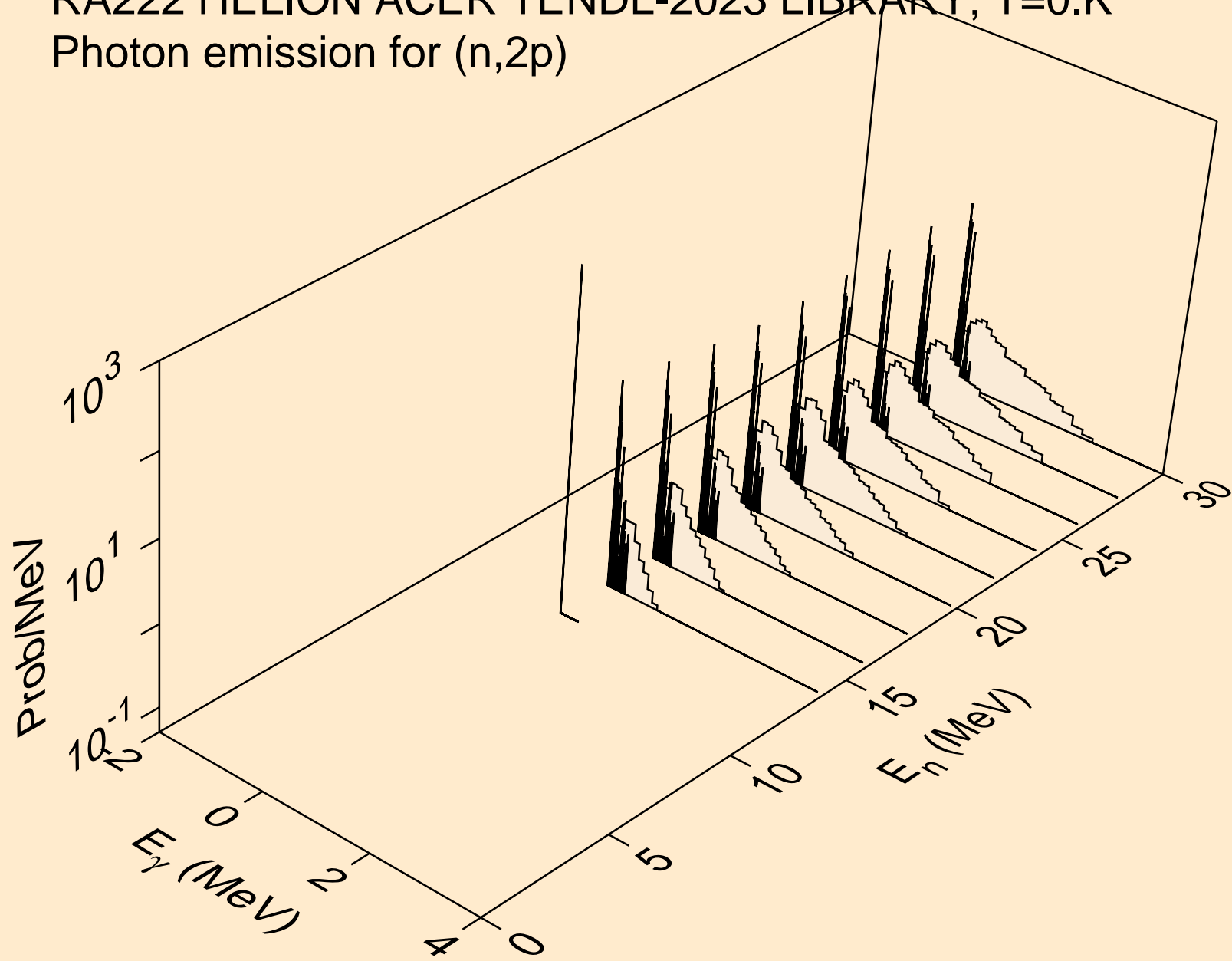
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Photon emission for (n,a)



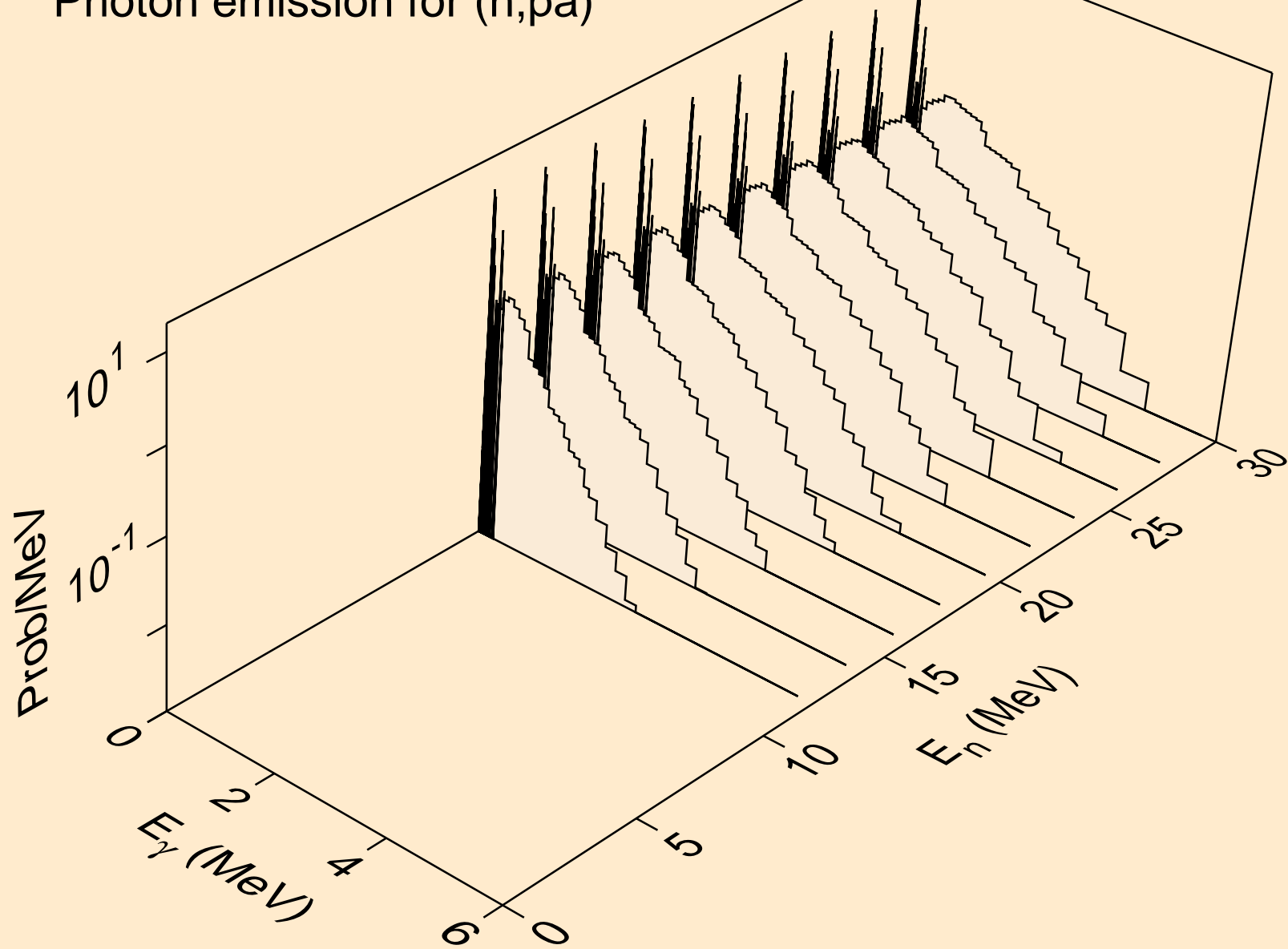
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Photon emission for (n,2a)



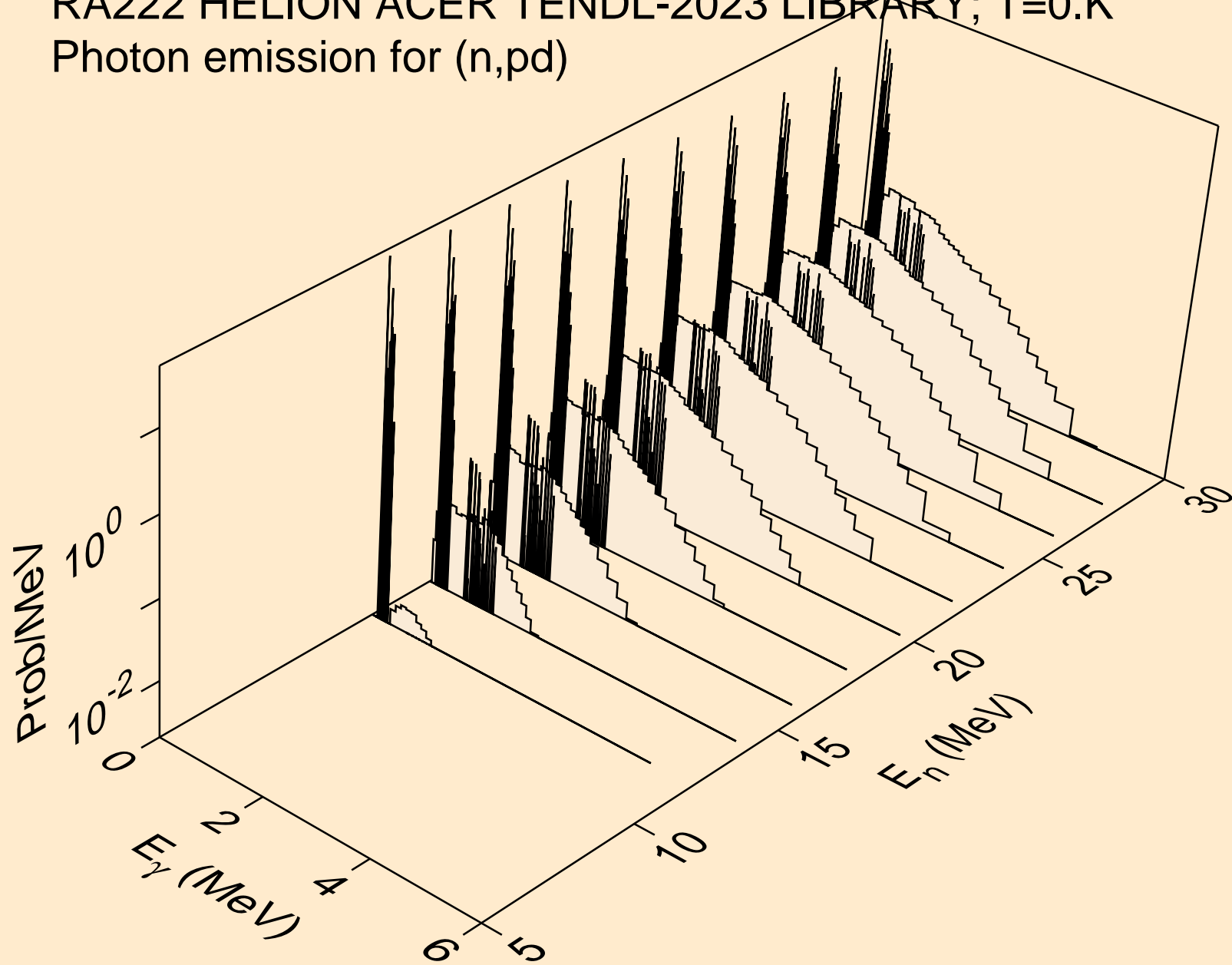
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

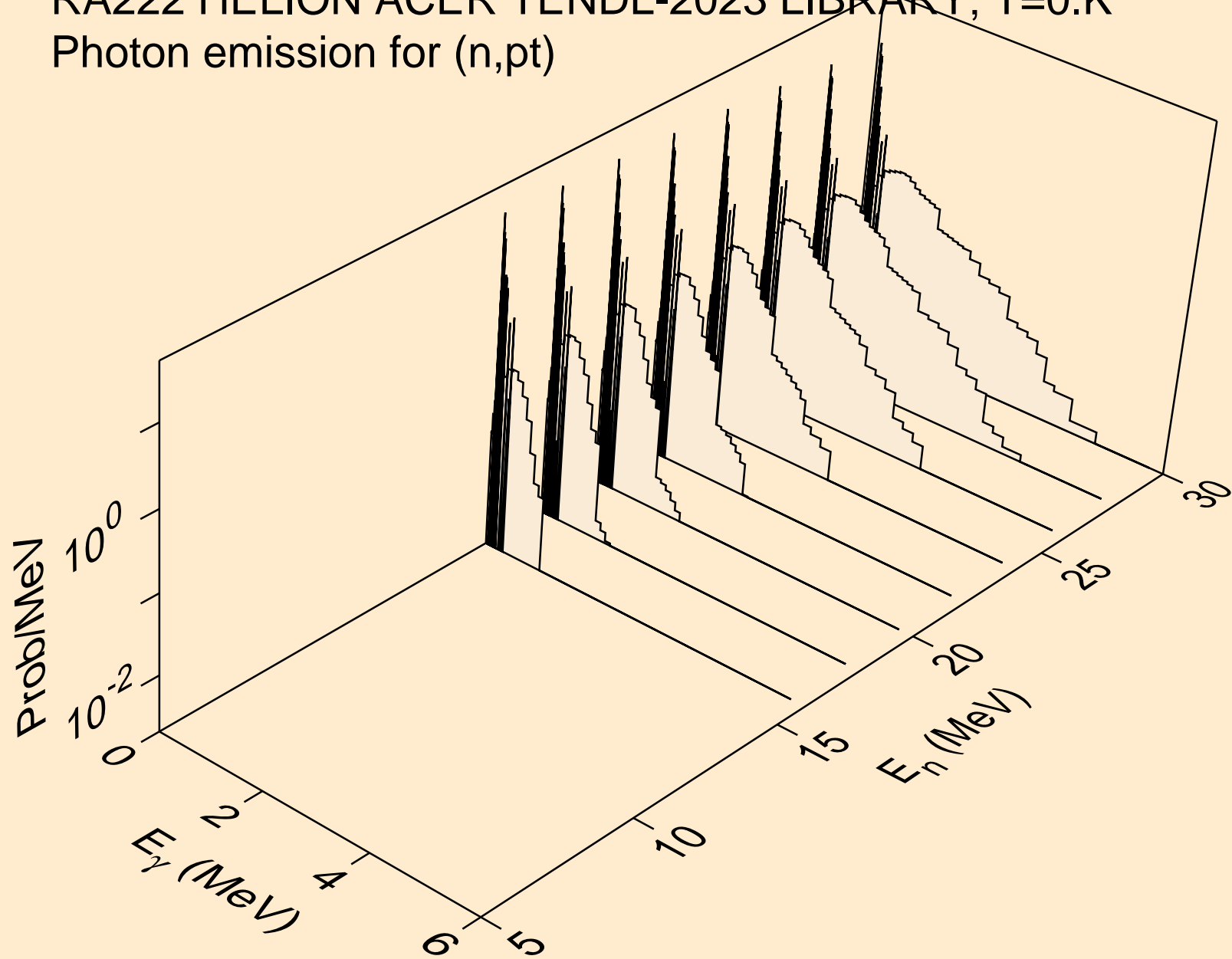


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

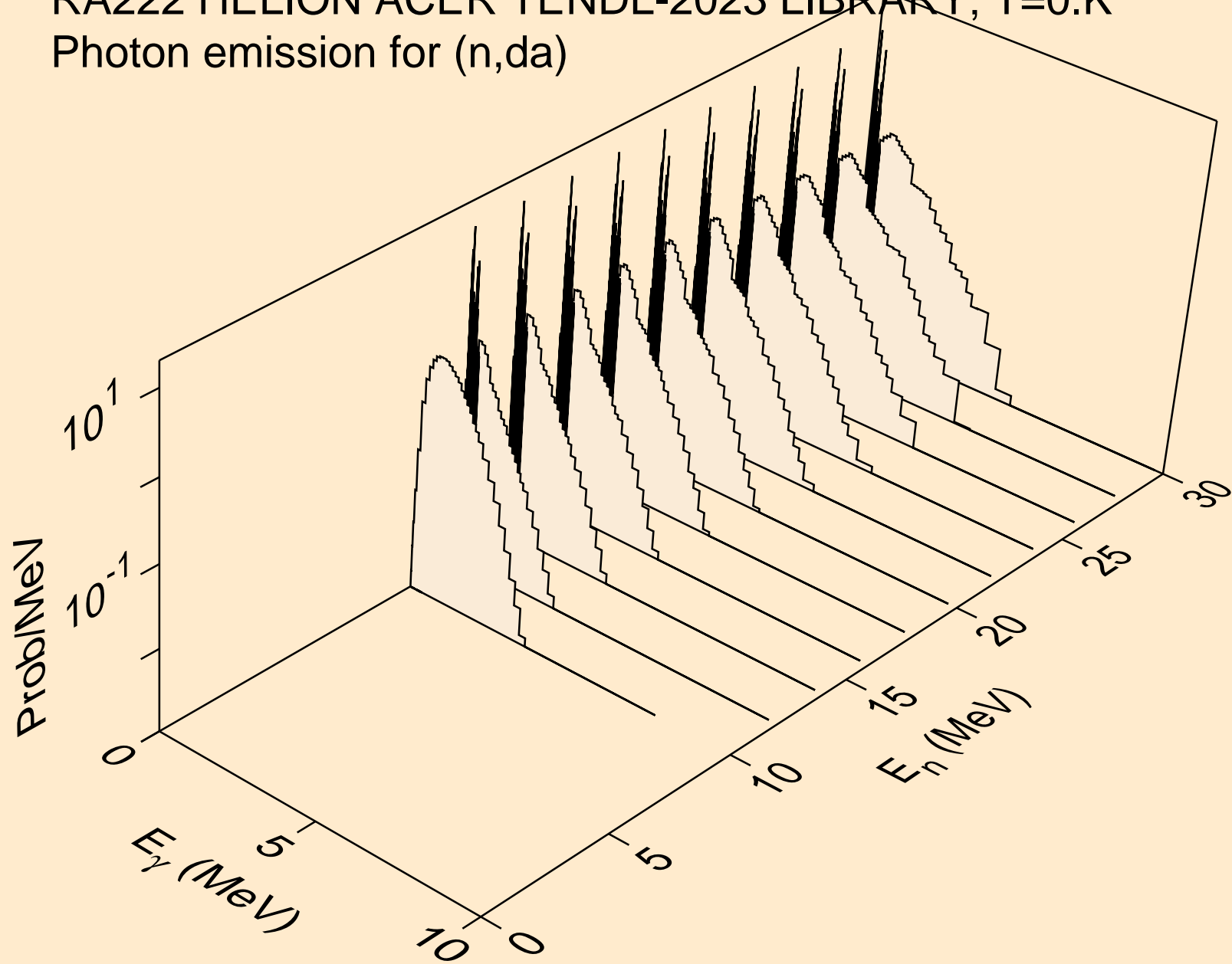




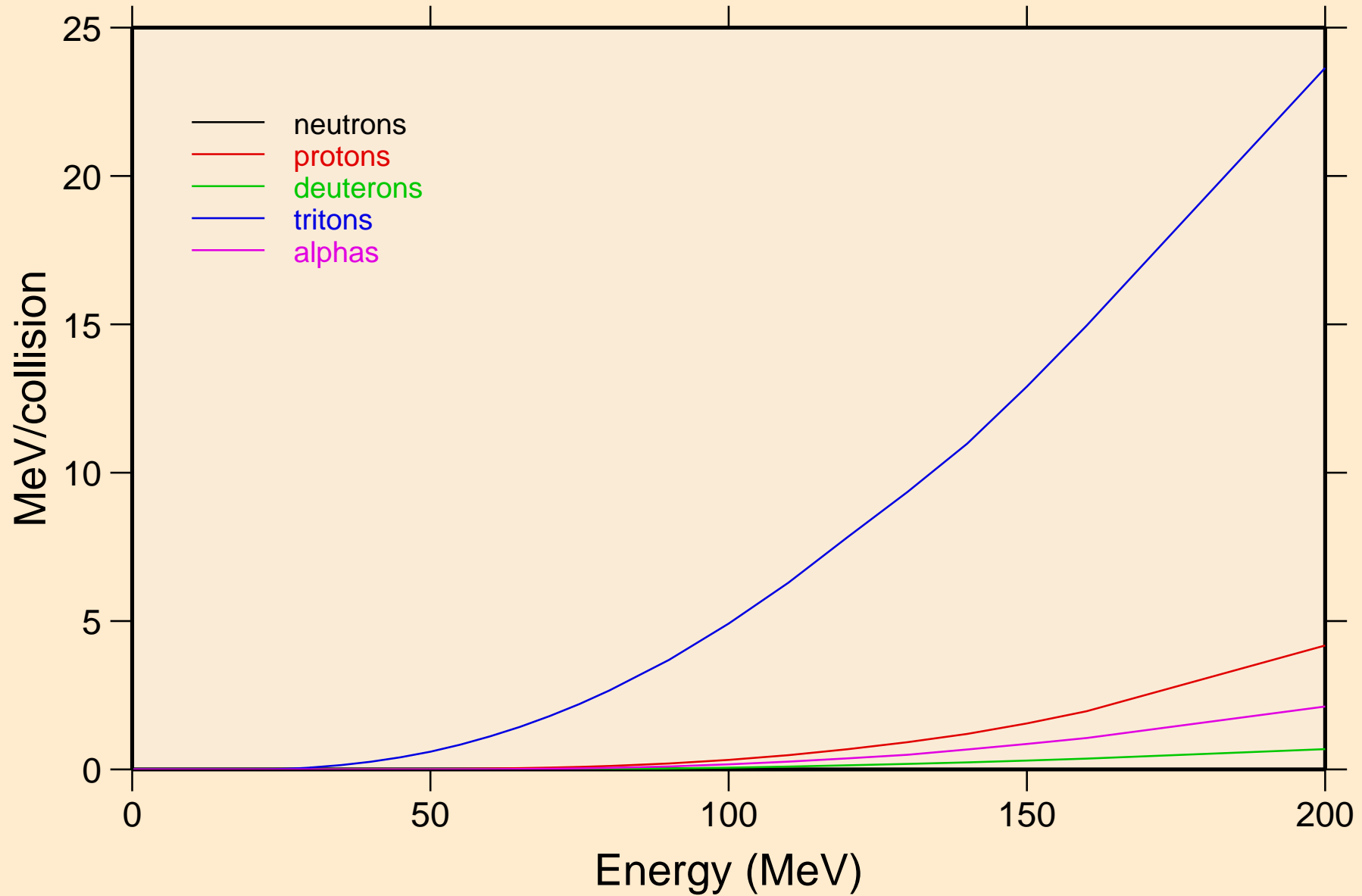
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



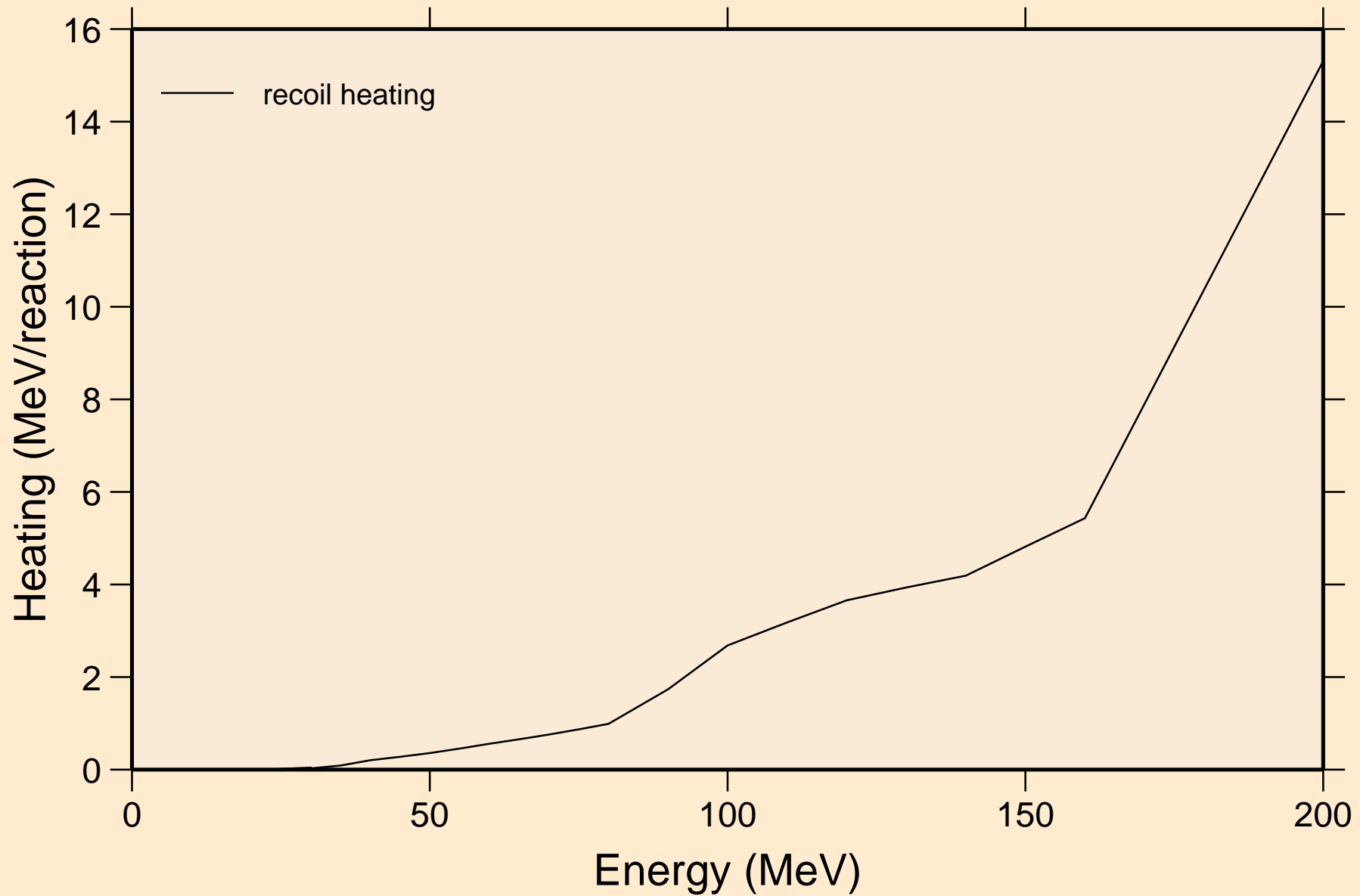
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



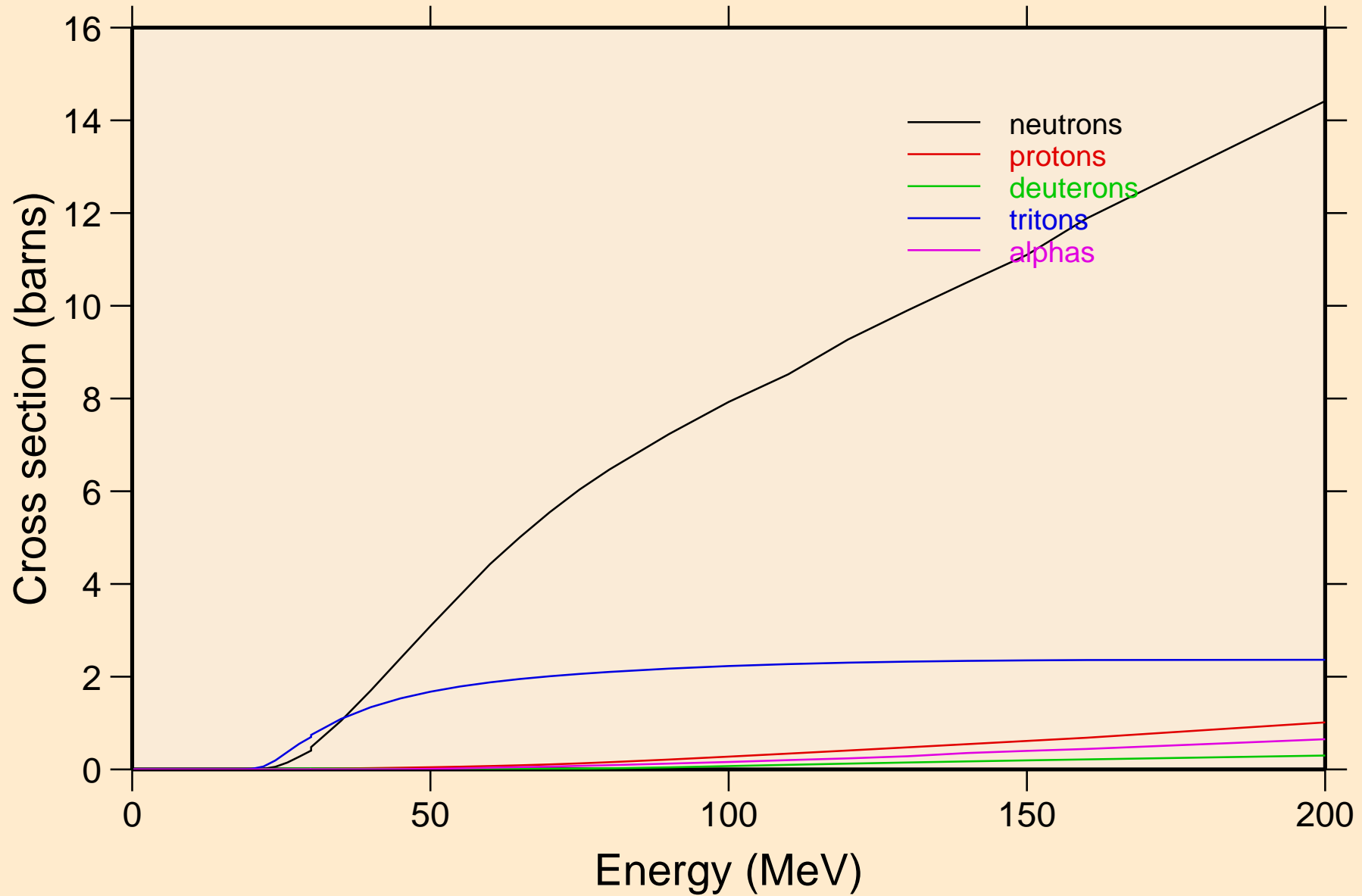
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



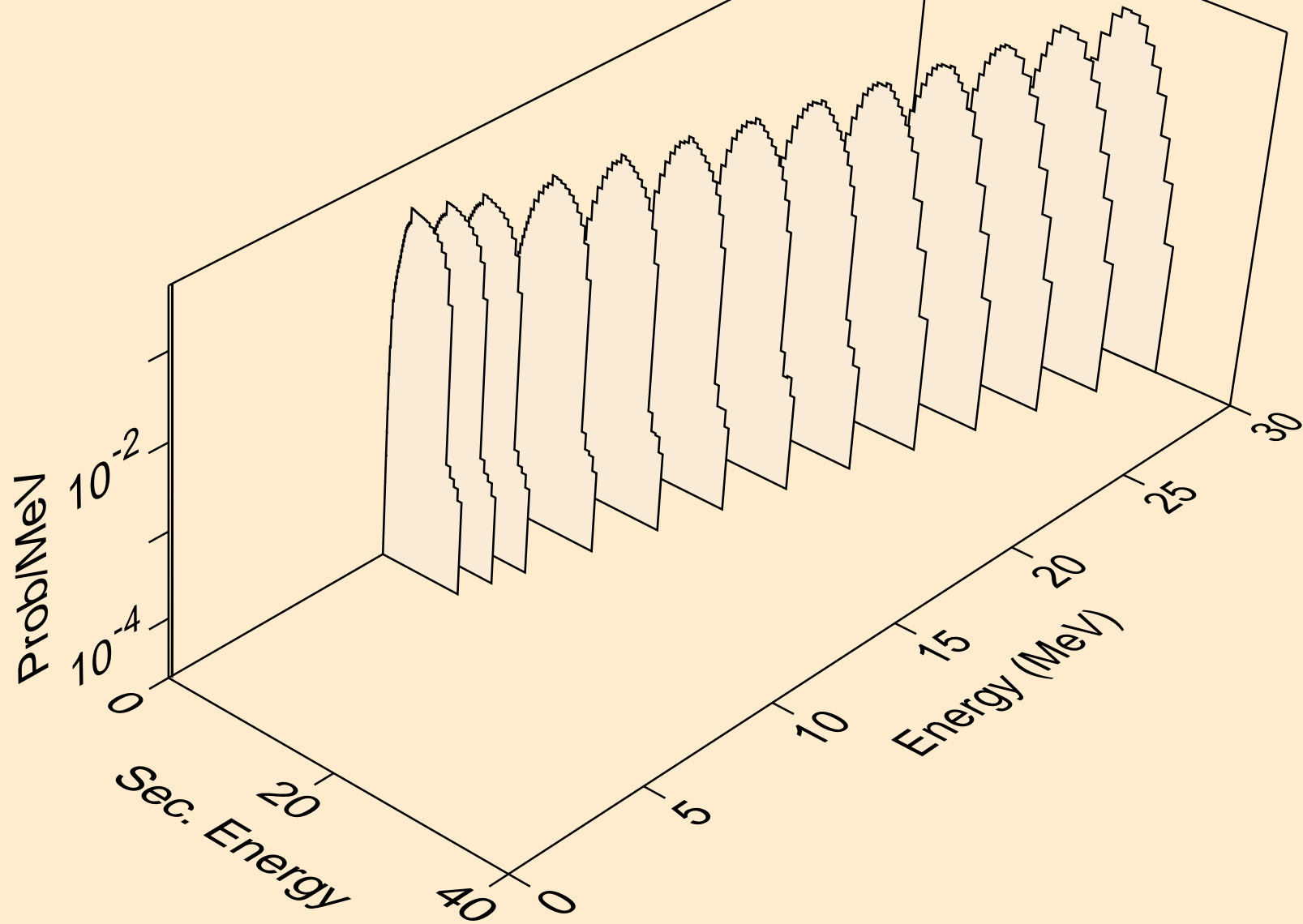
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Recoil Heating



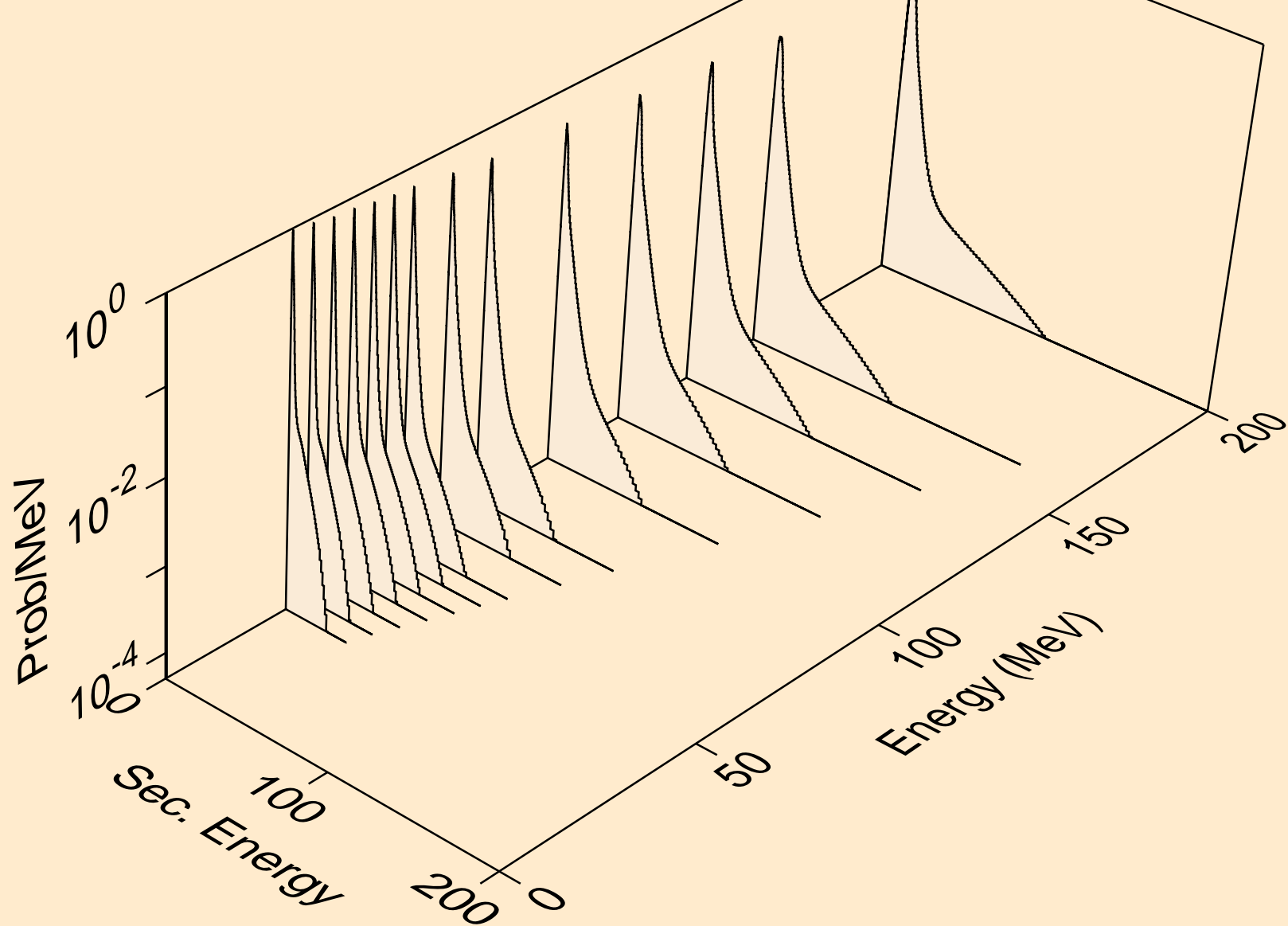
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



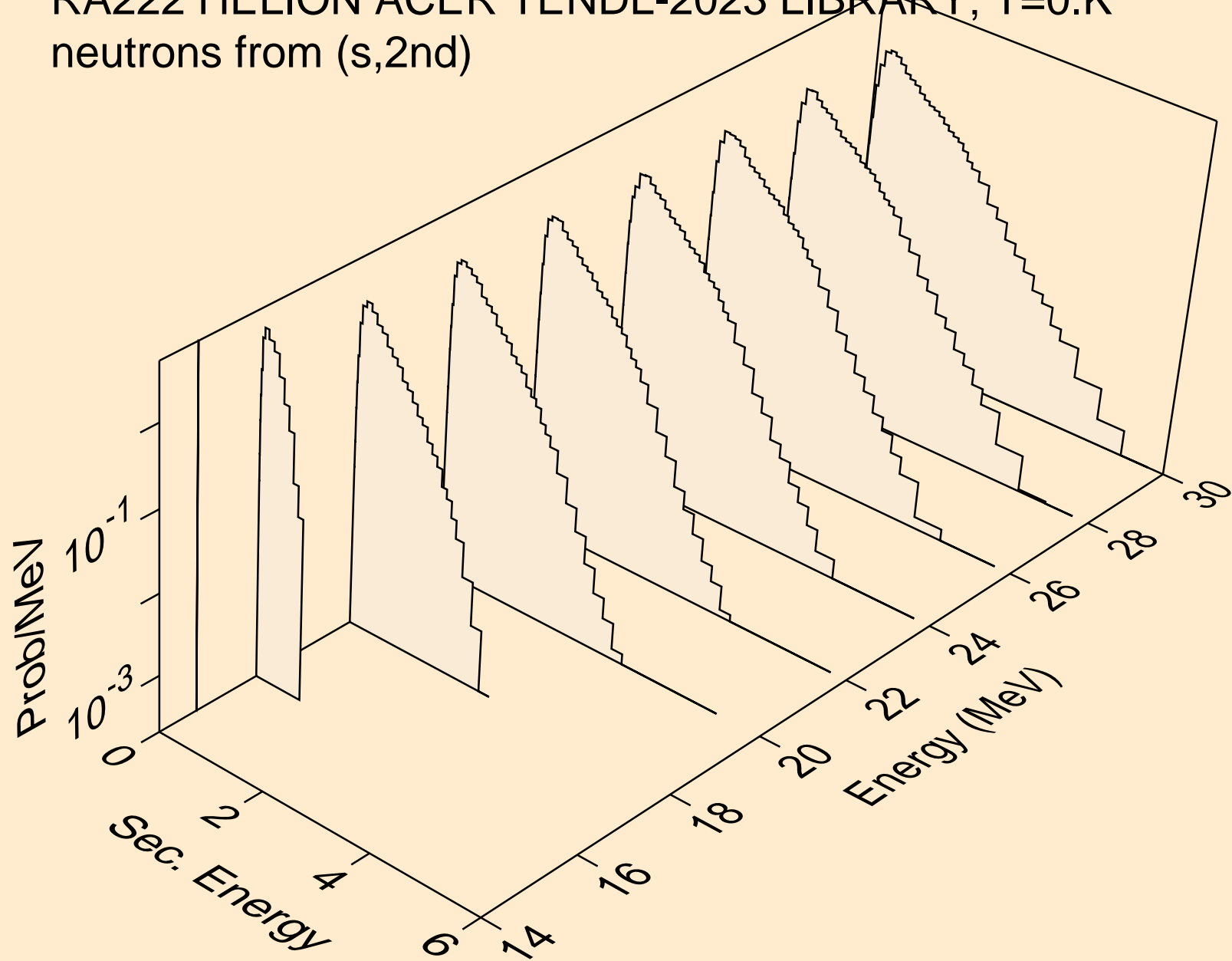
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

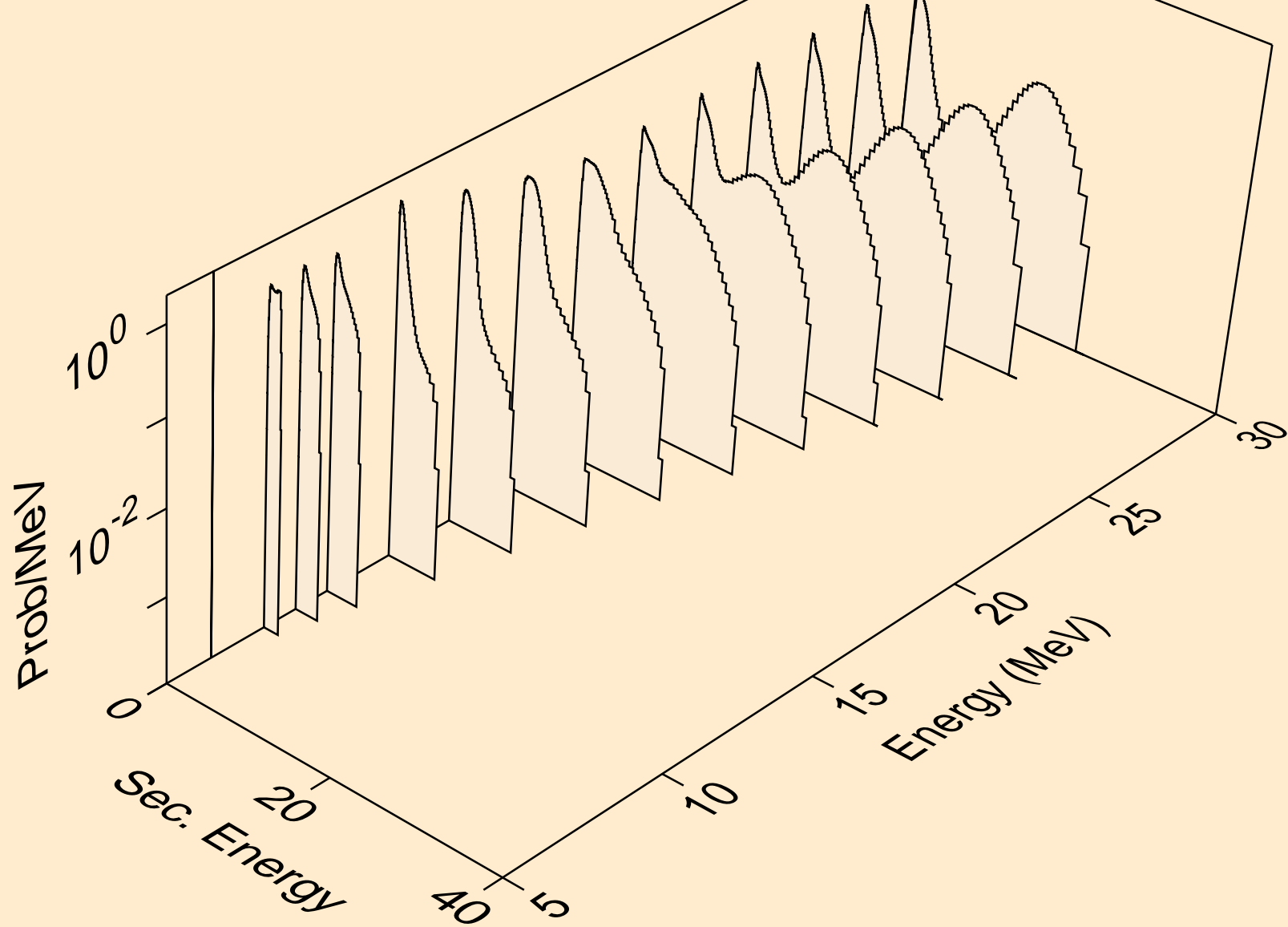


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)

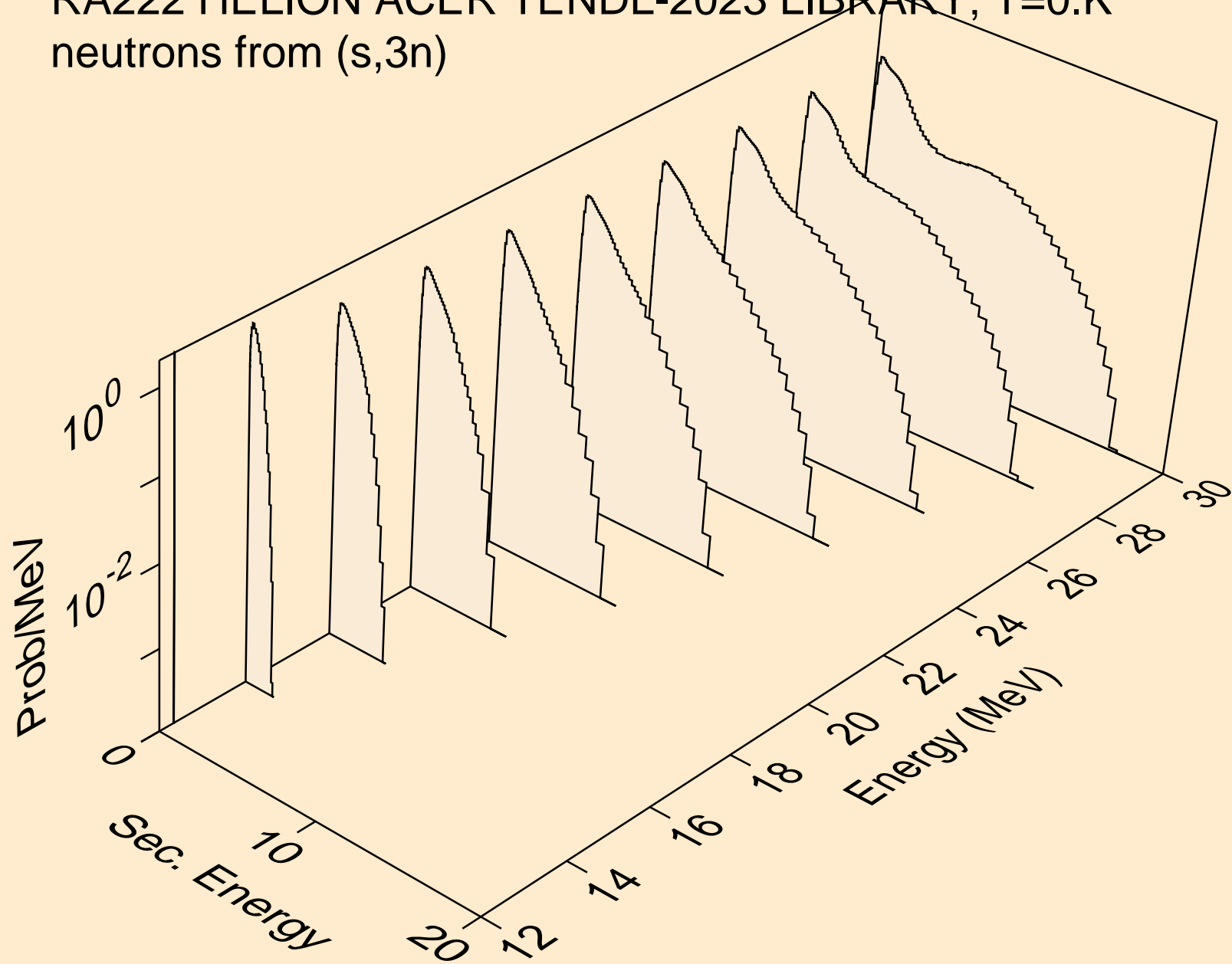




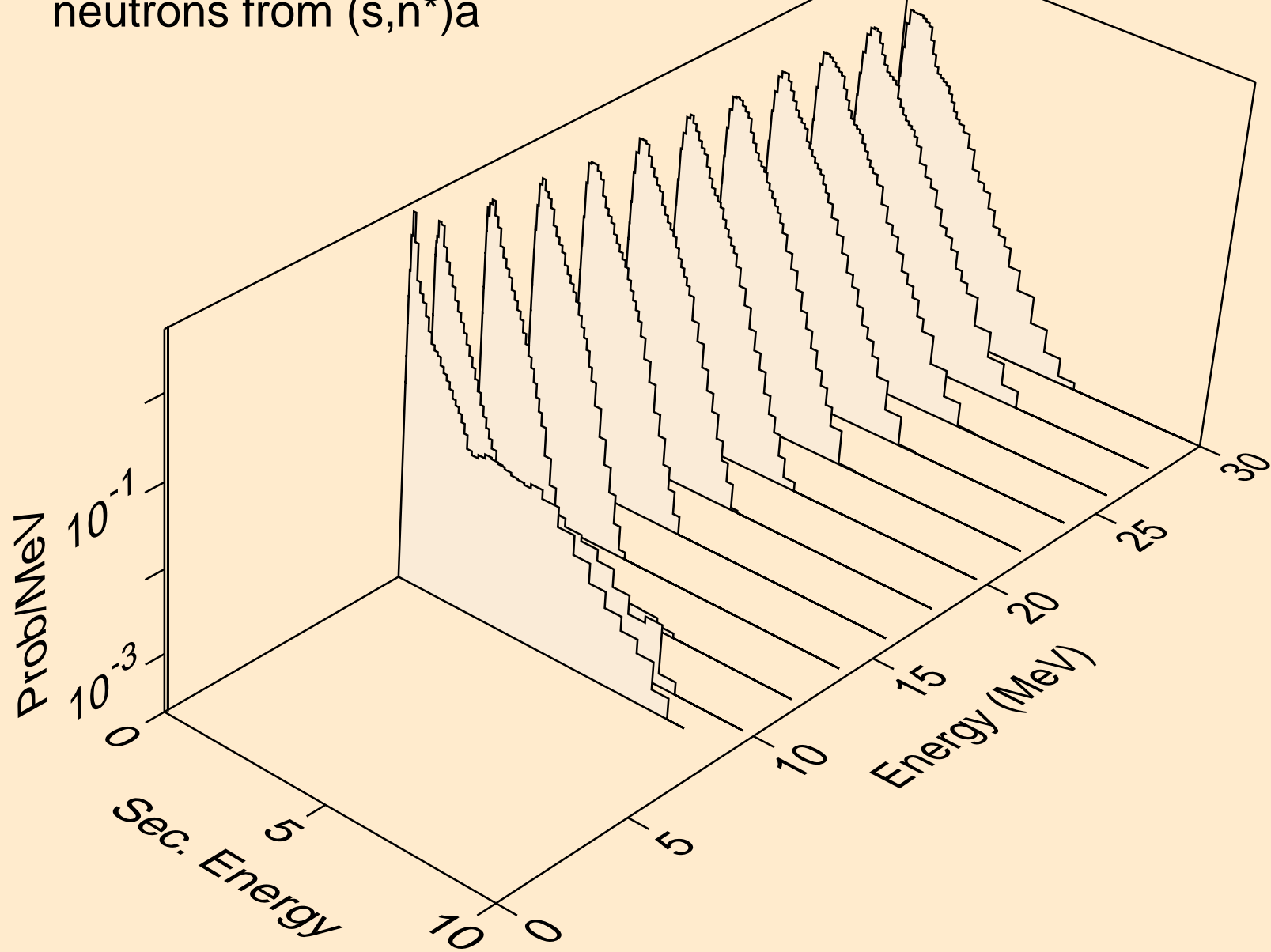
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



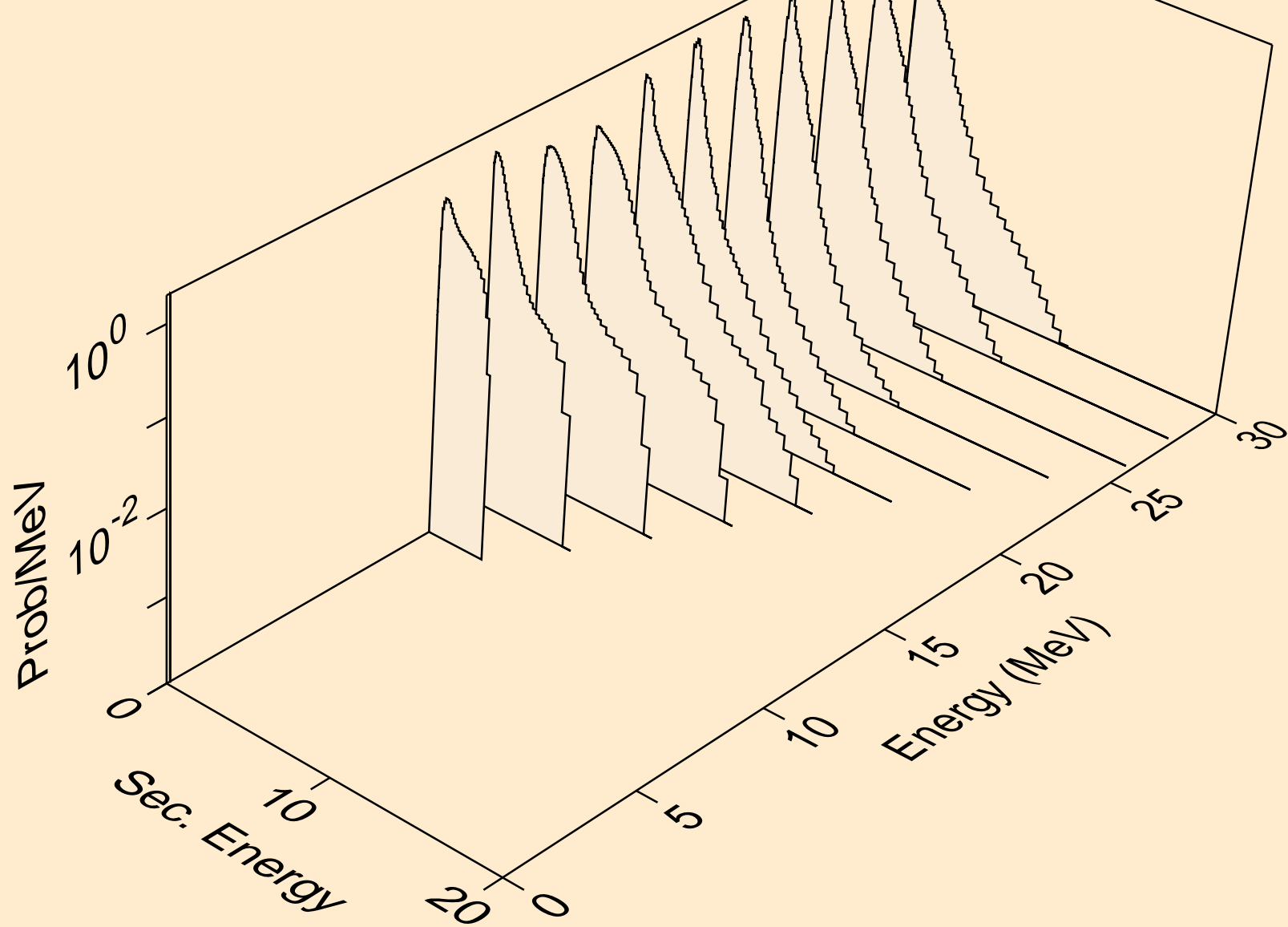
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neutrons from (s,3n)



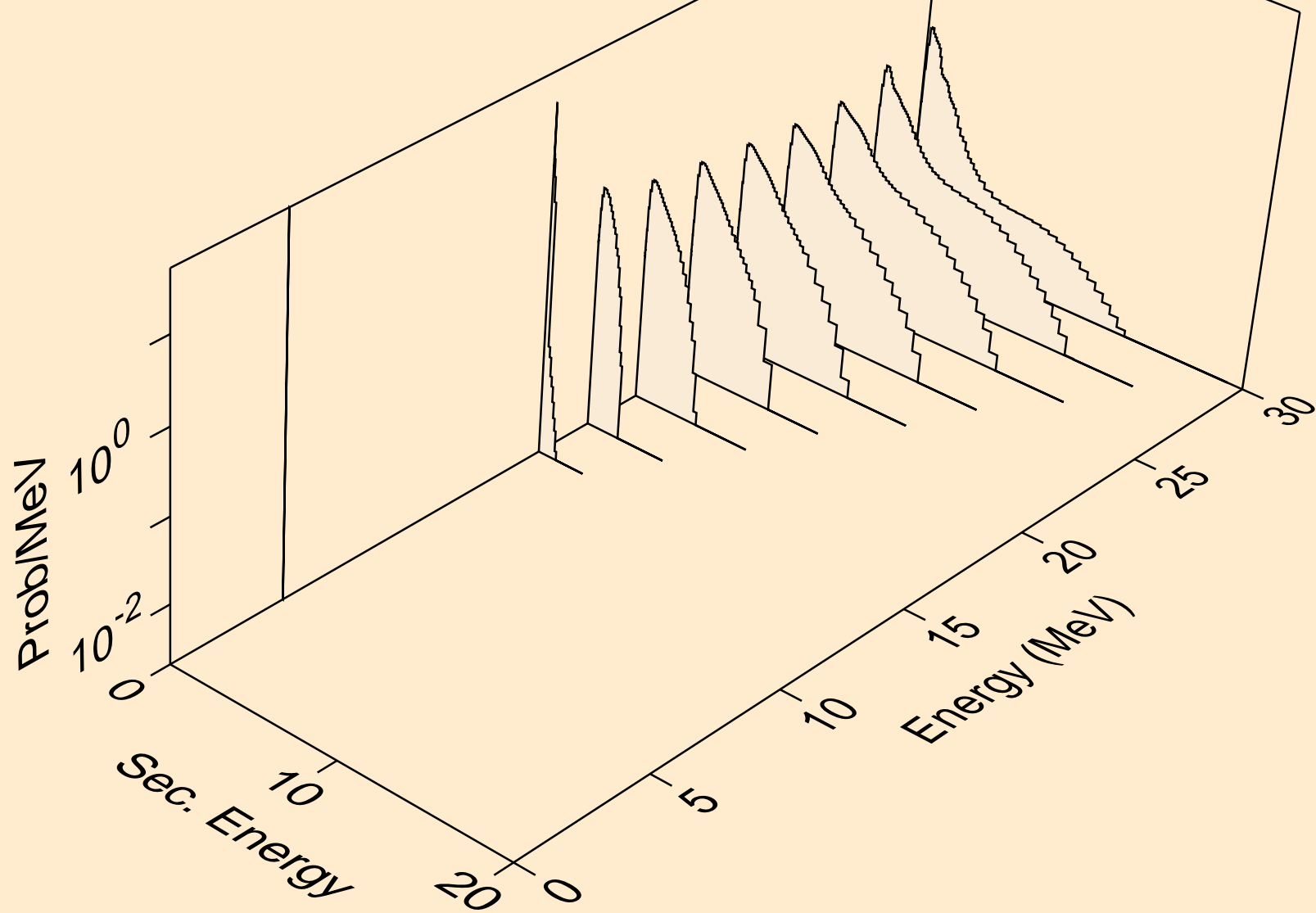
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



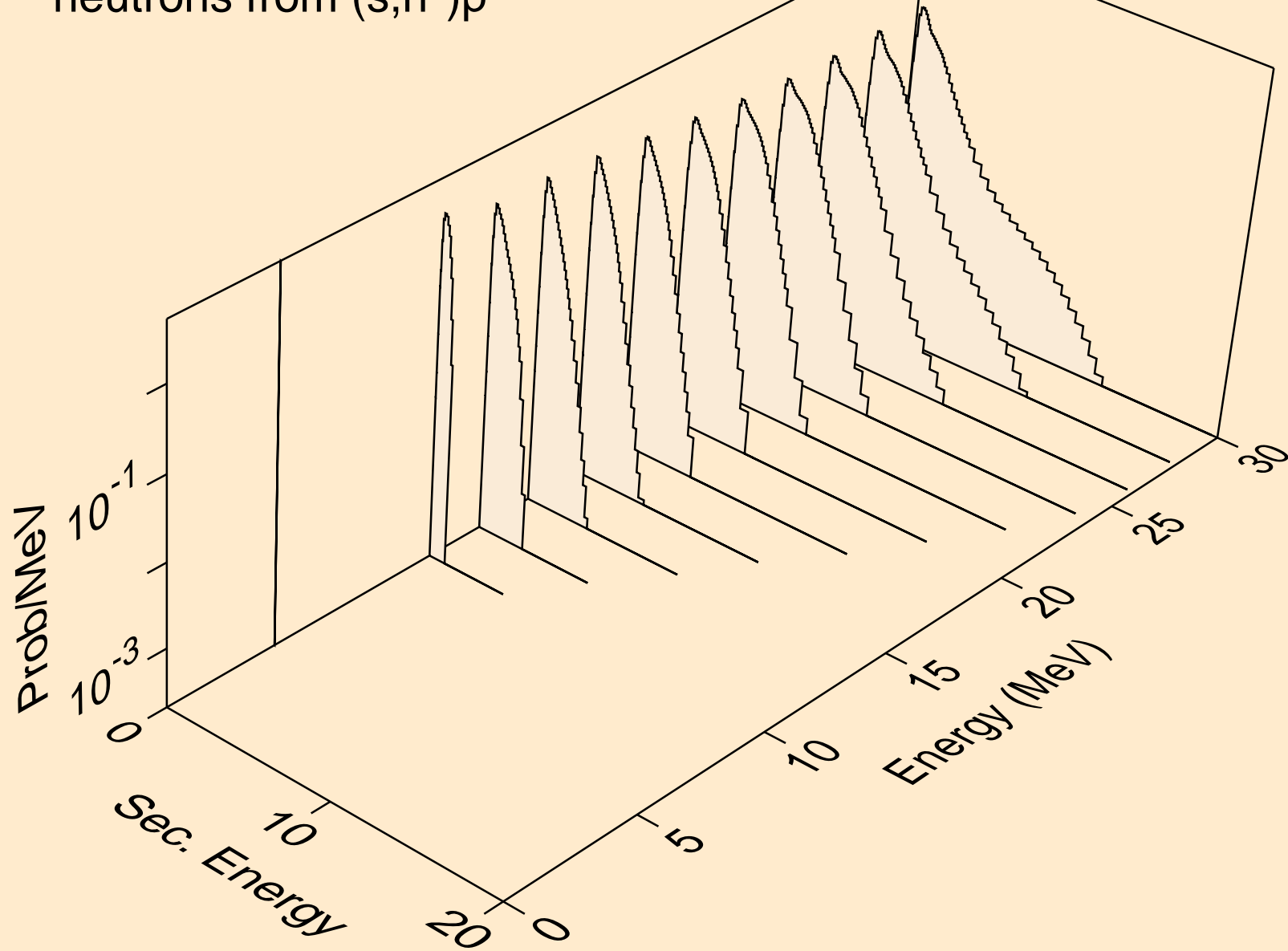
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



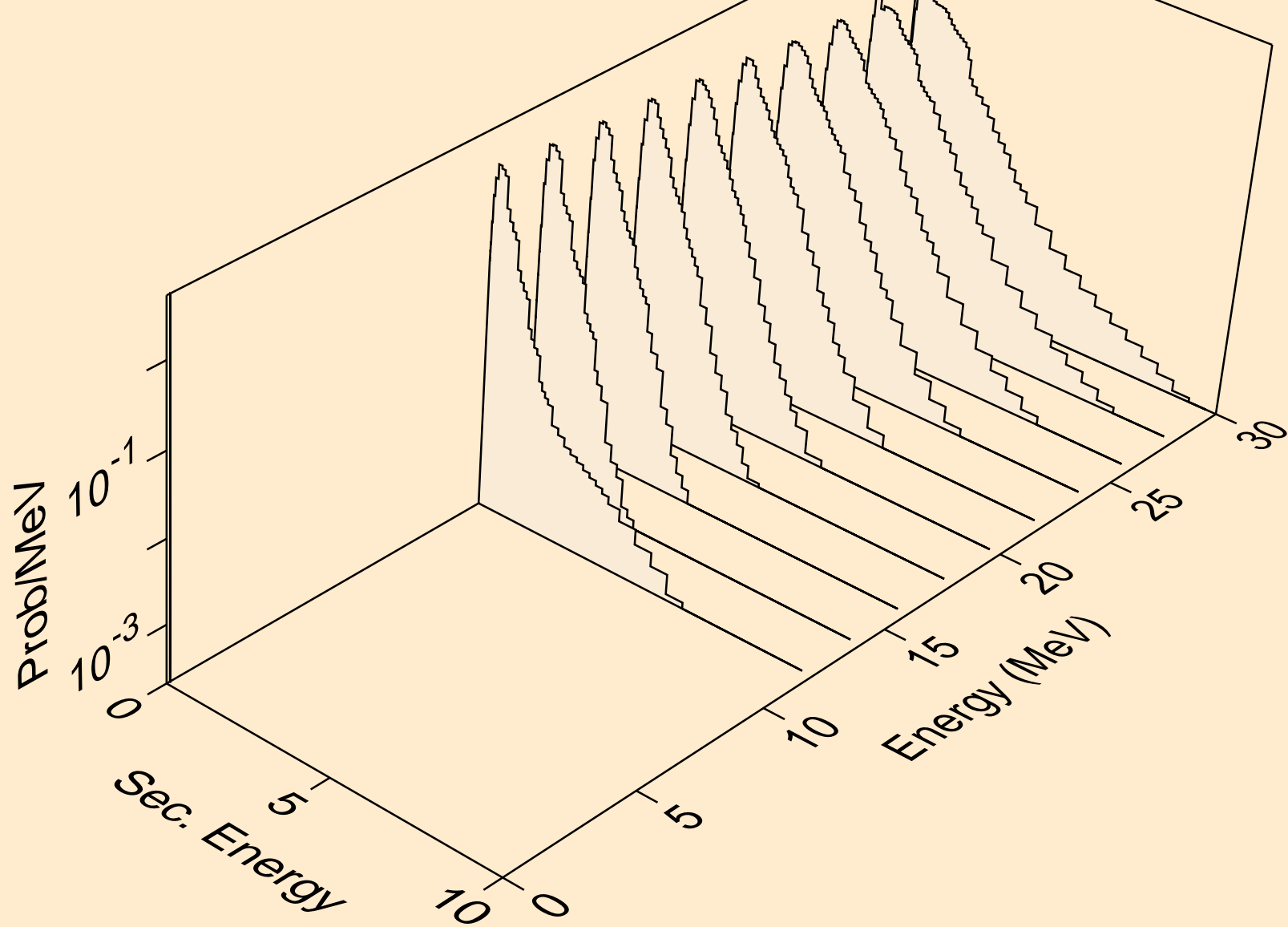
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neutrons from (s,3n)a



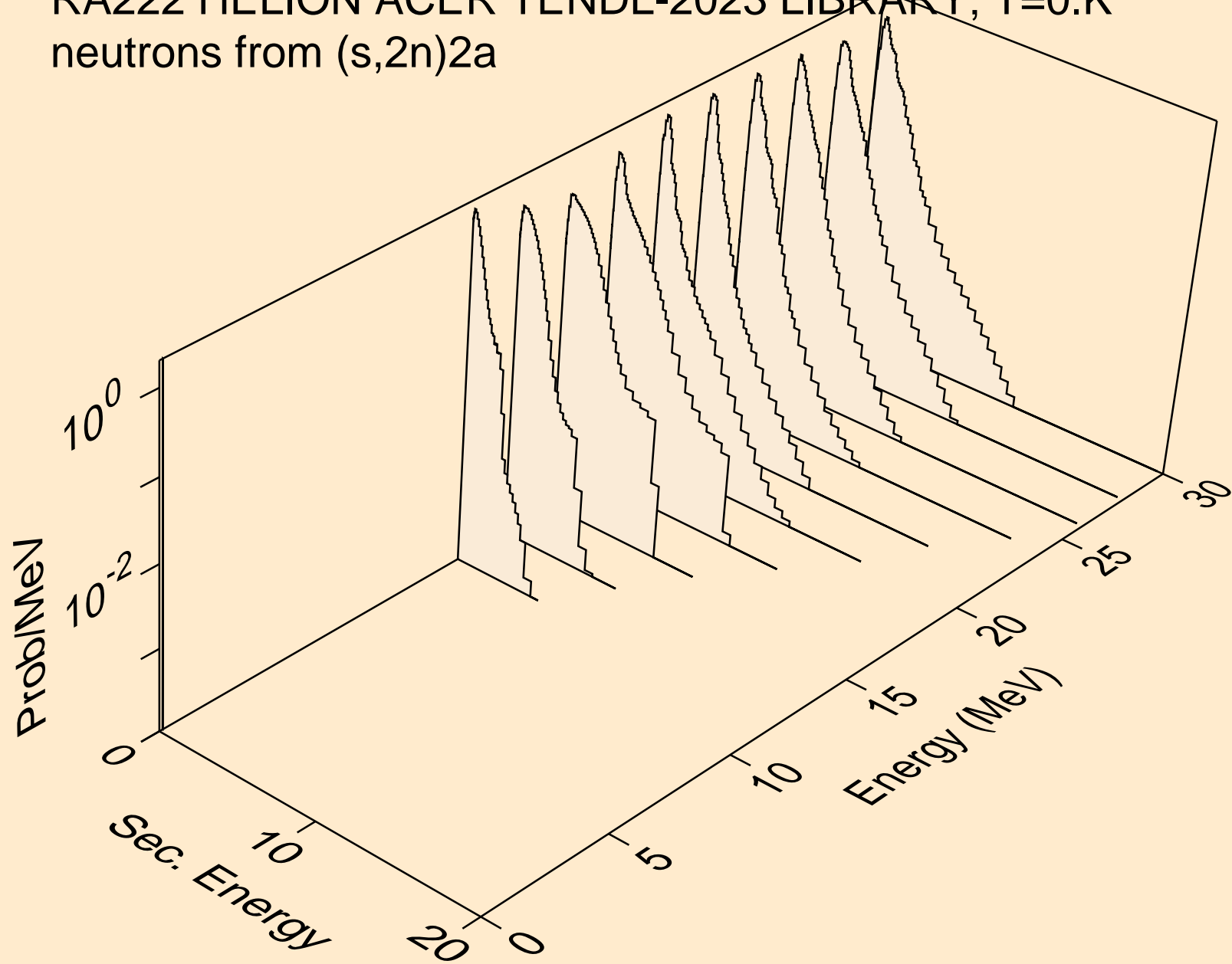
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

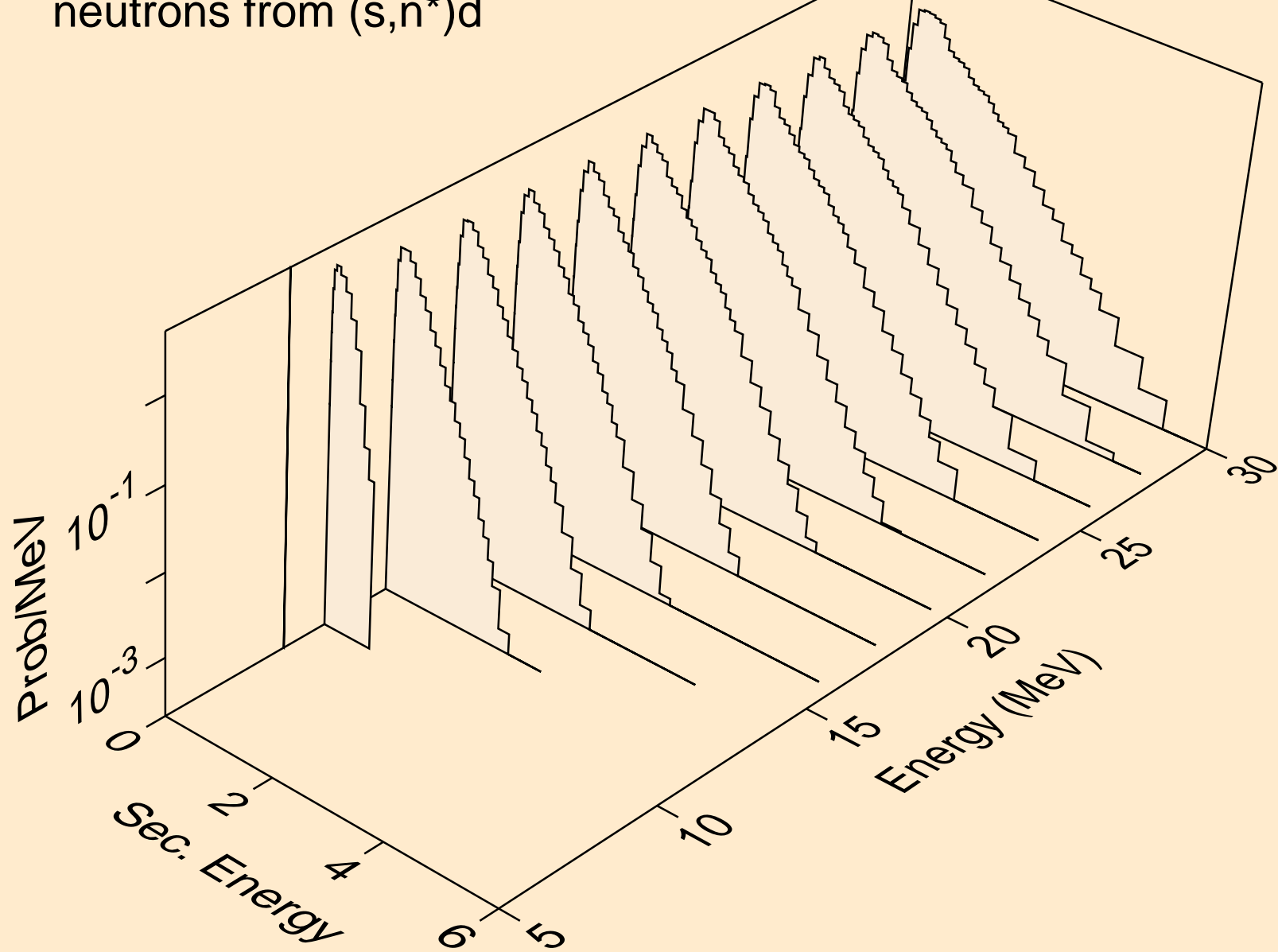


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neutrons from (s,2n)2a

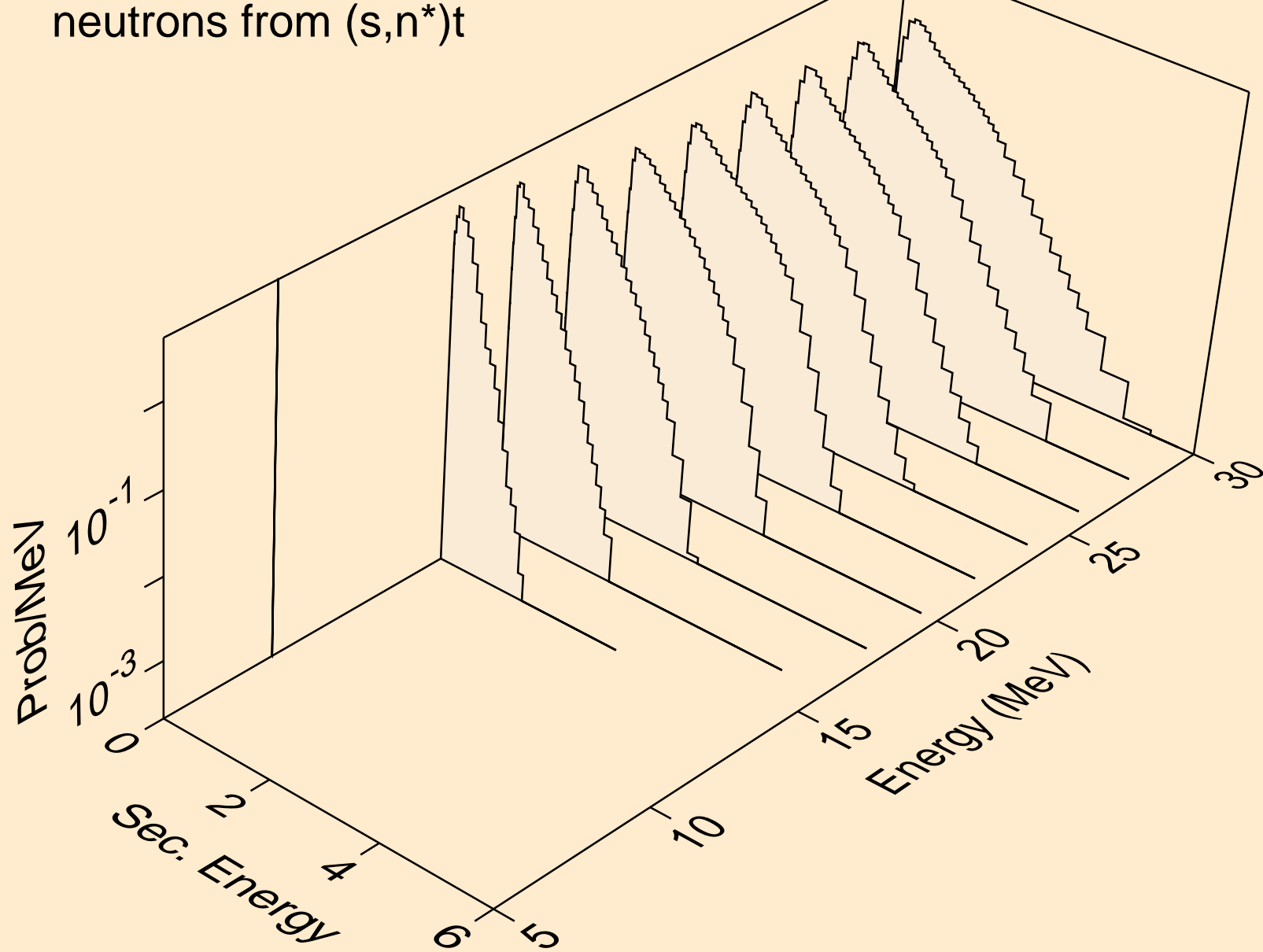




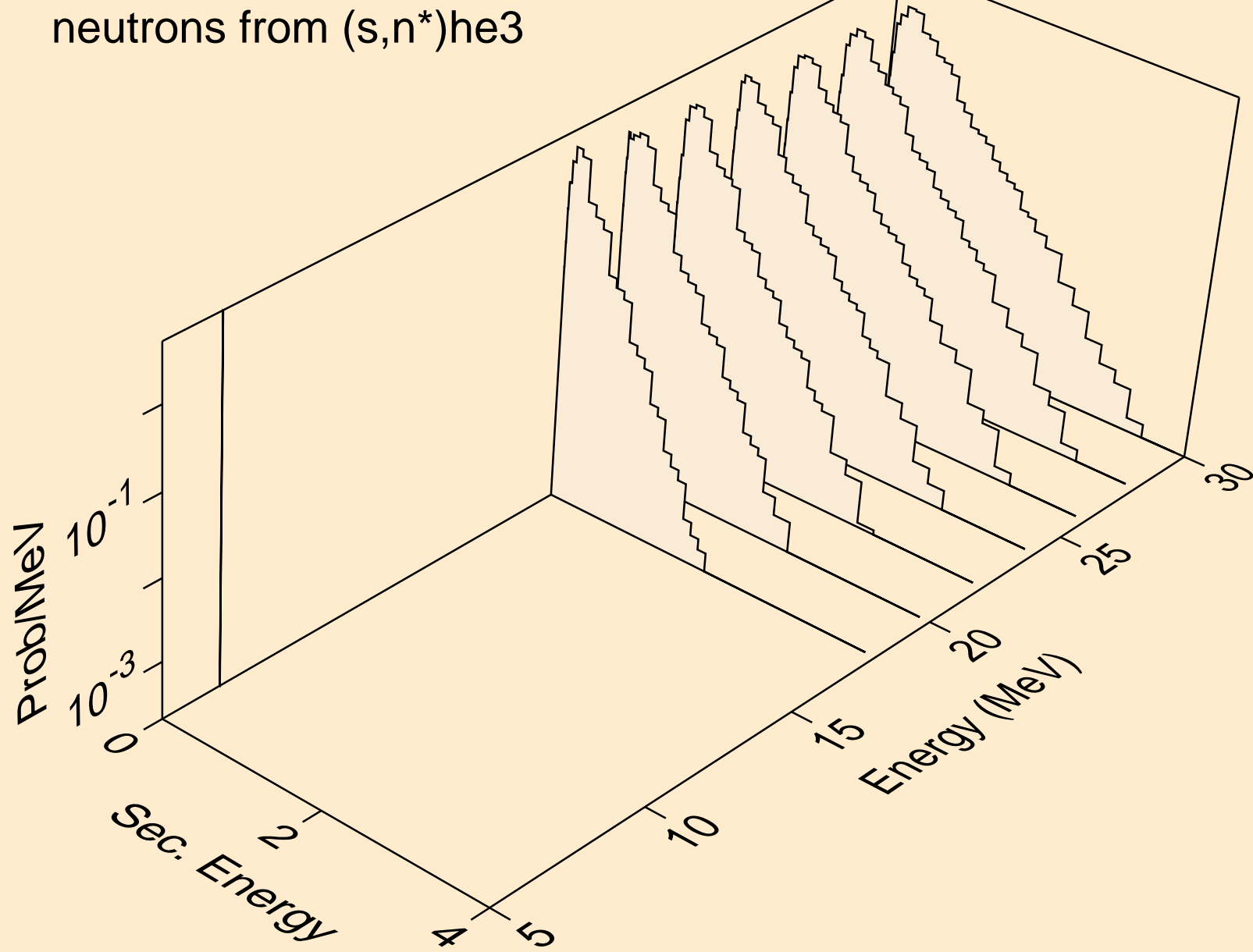
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



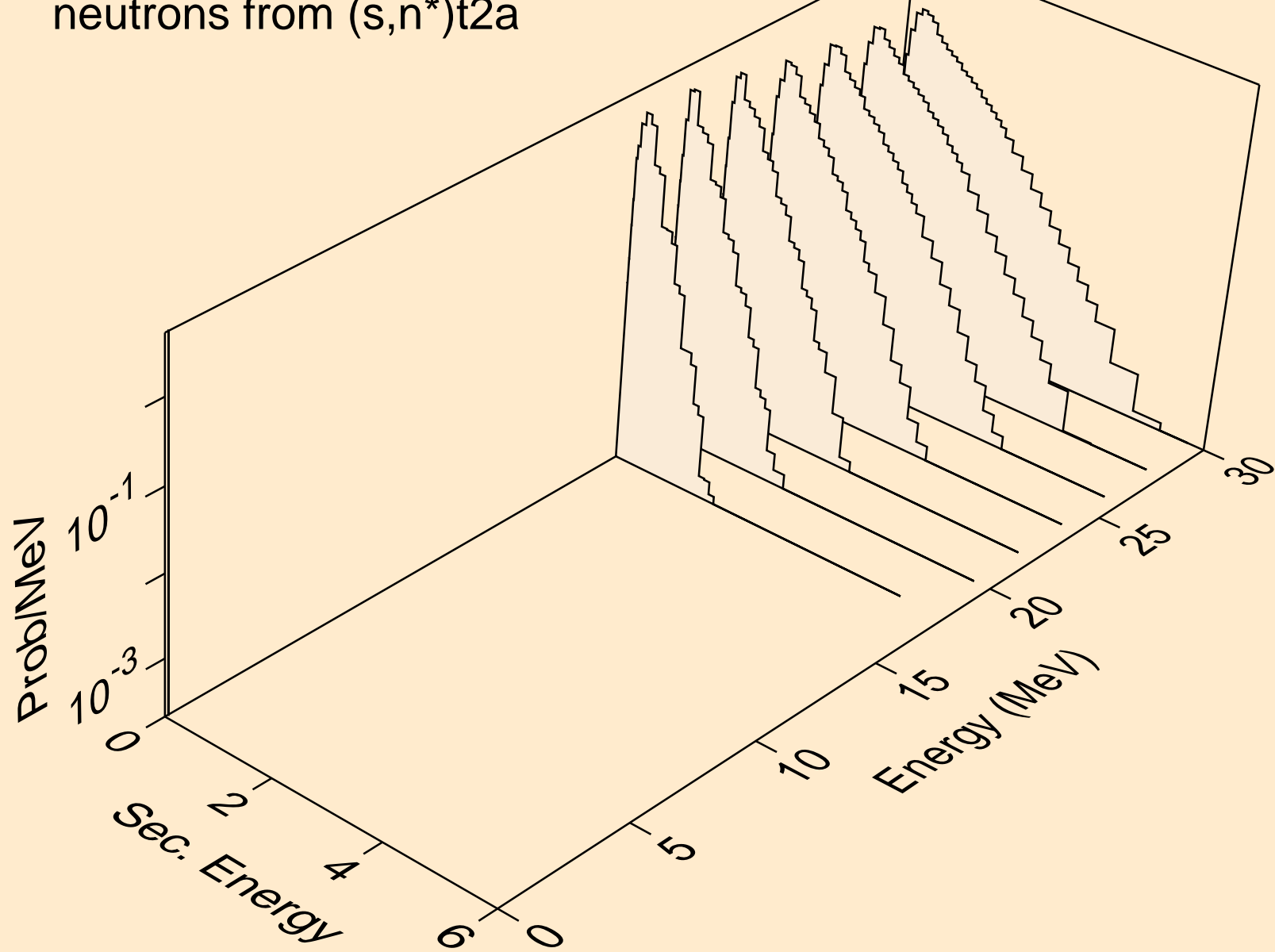
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



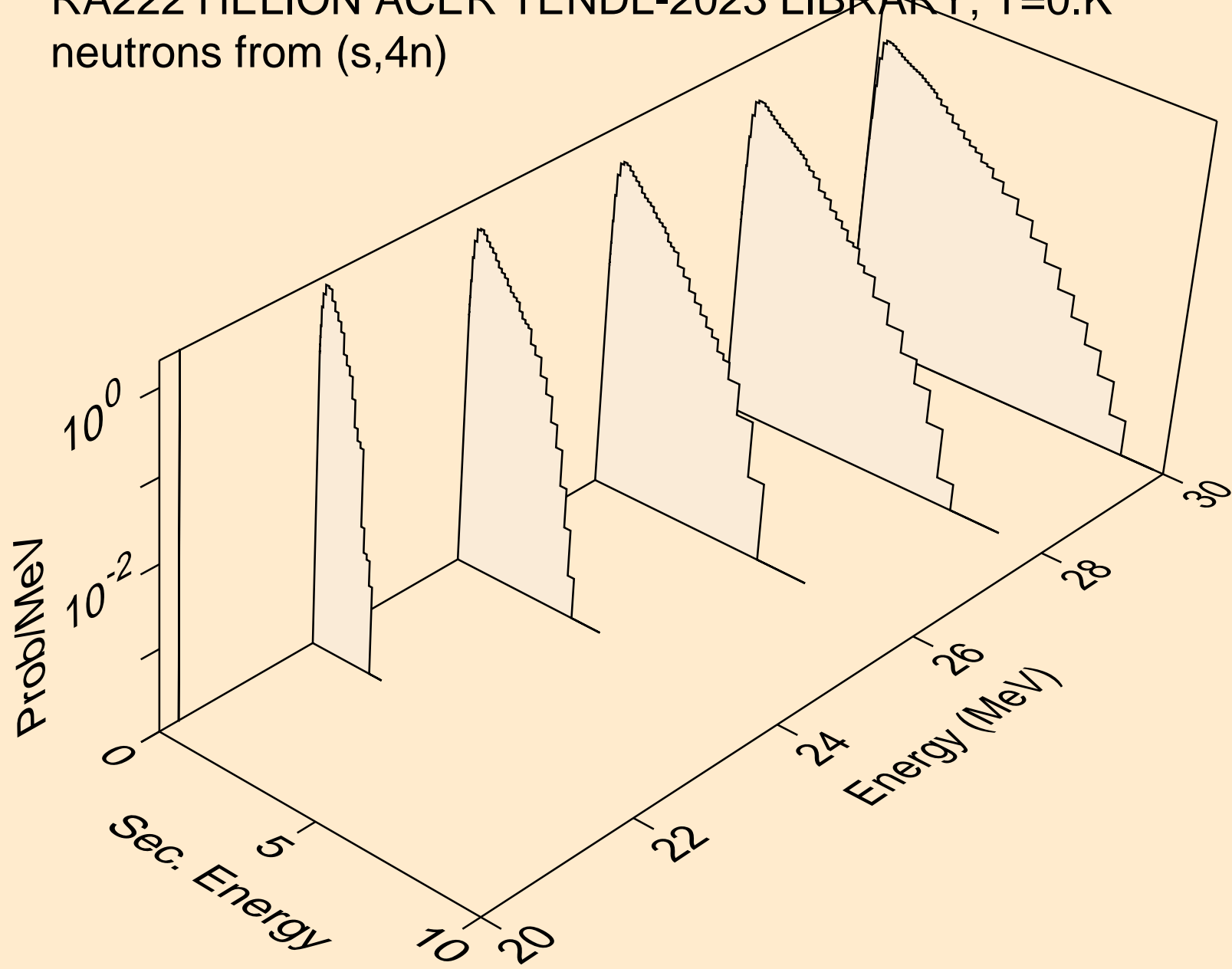
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



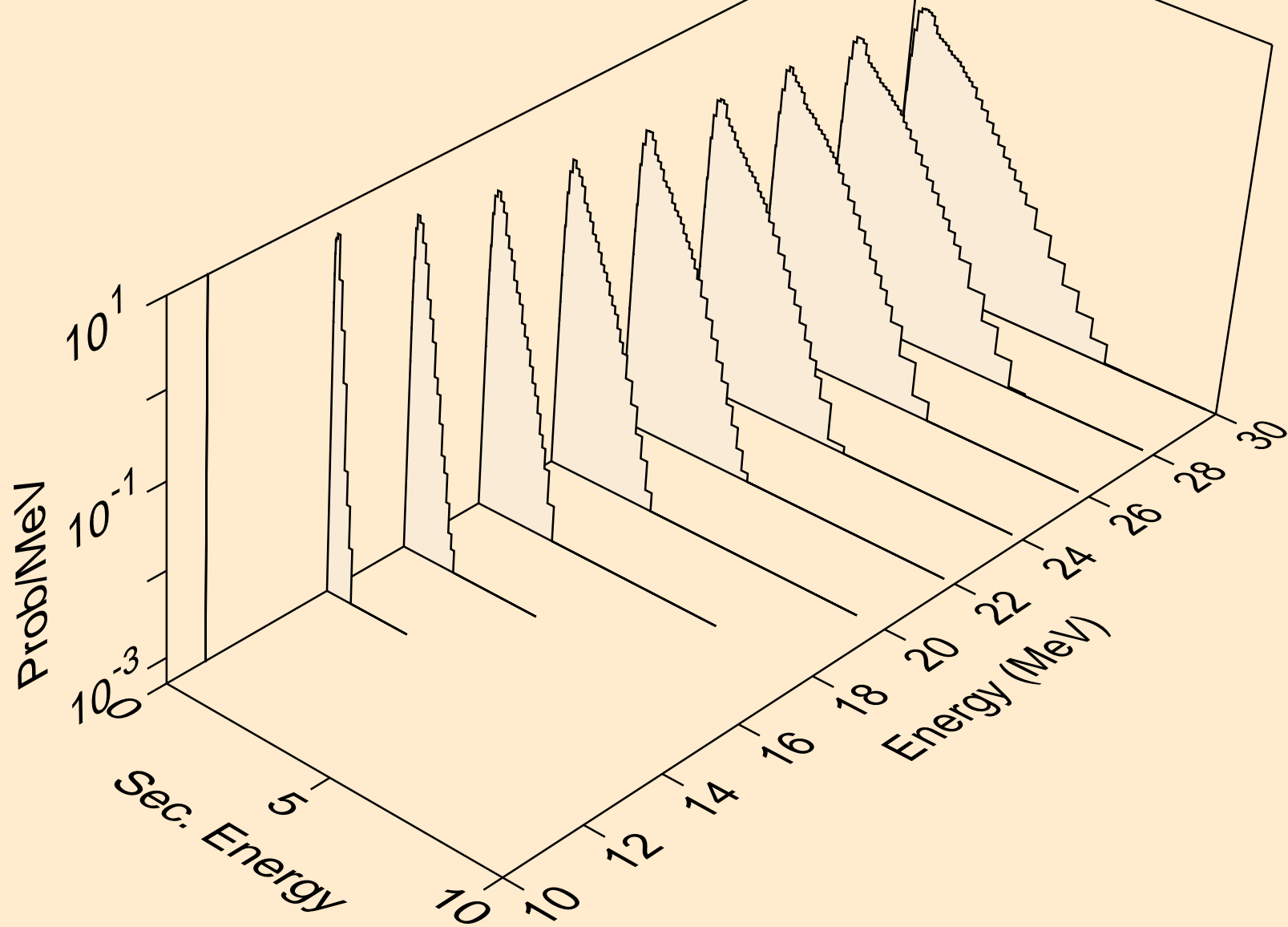
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t2a



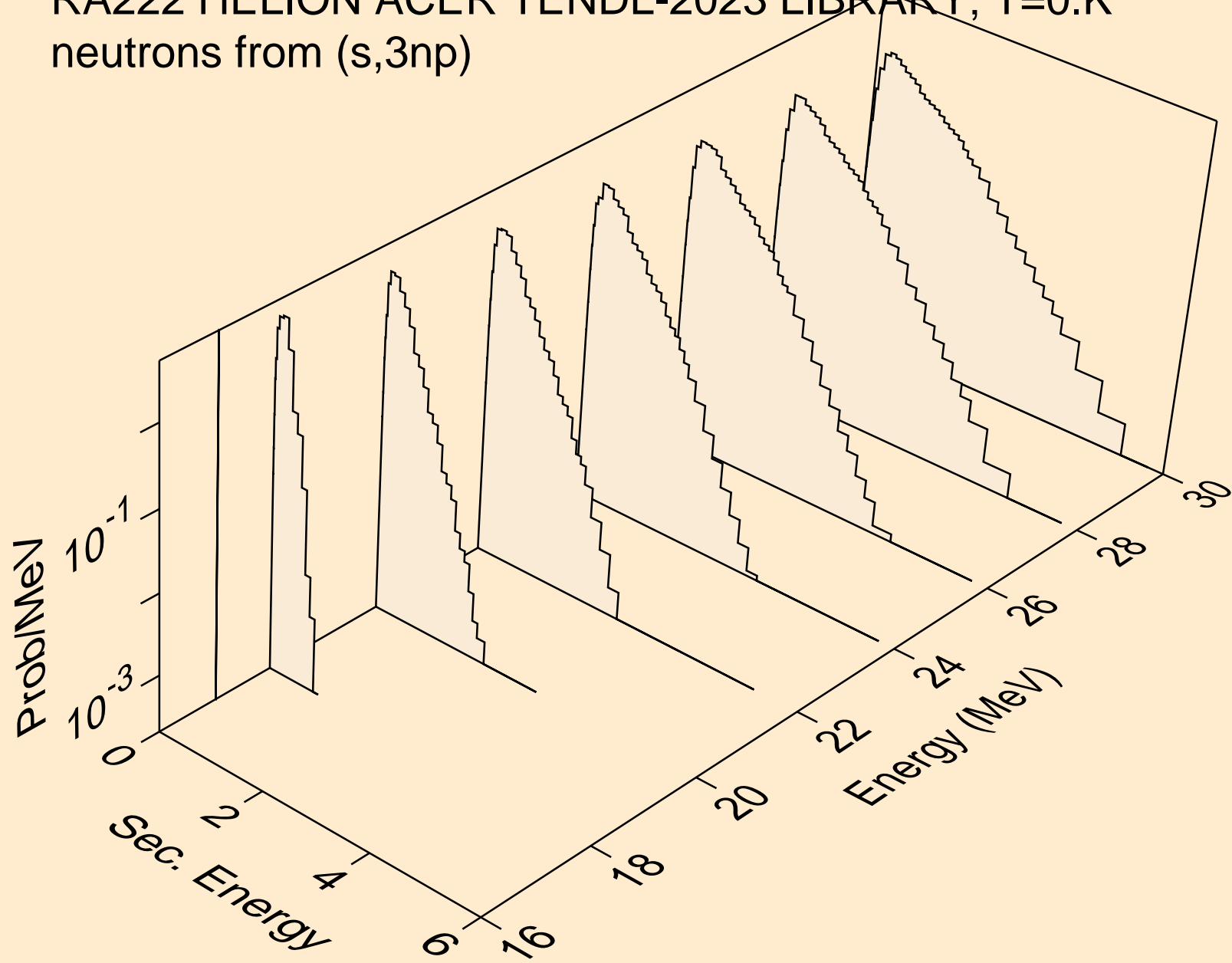
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



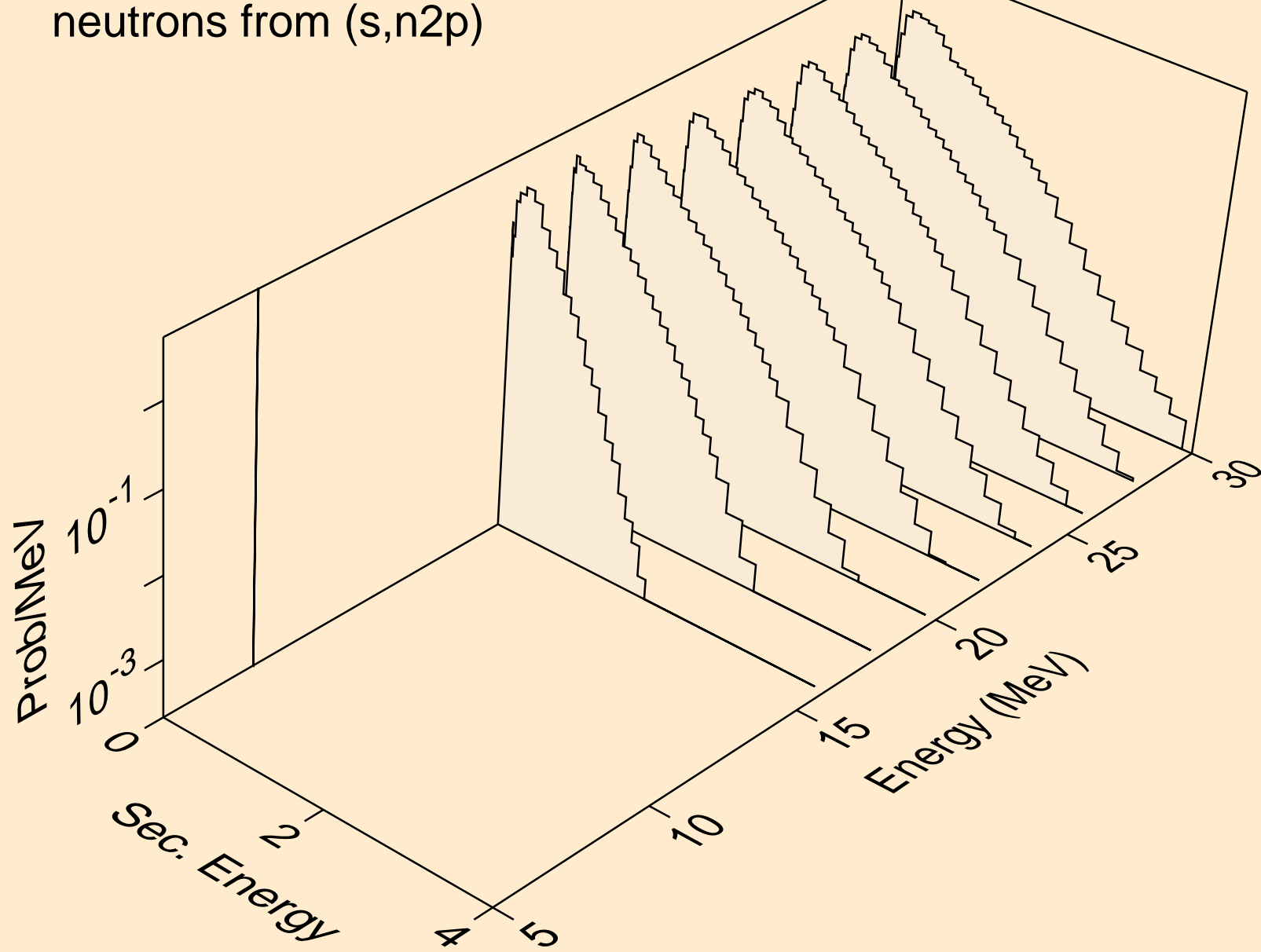
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)

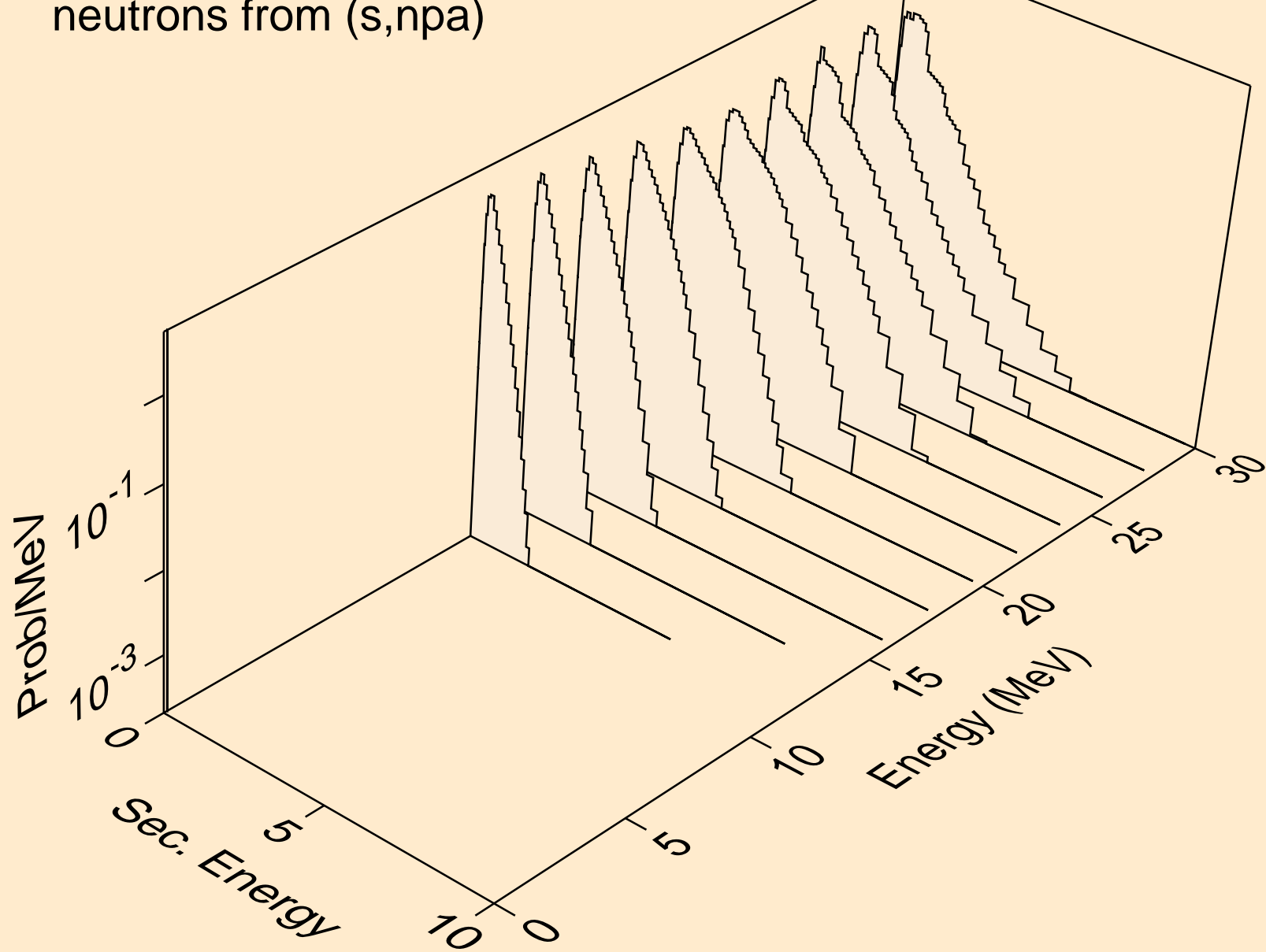


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

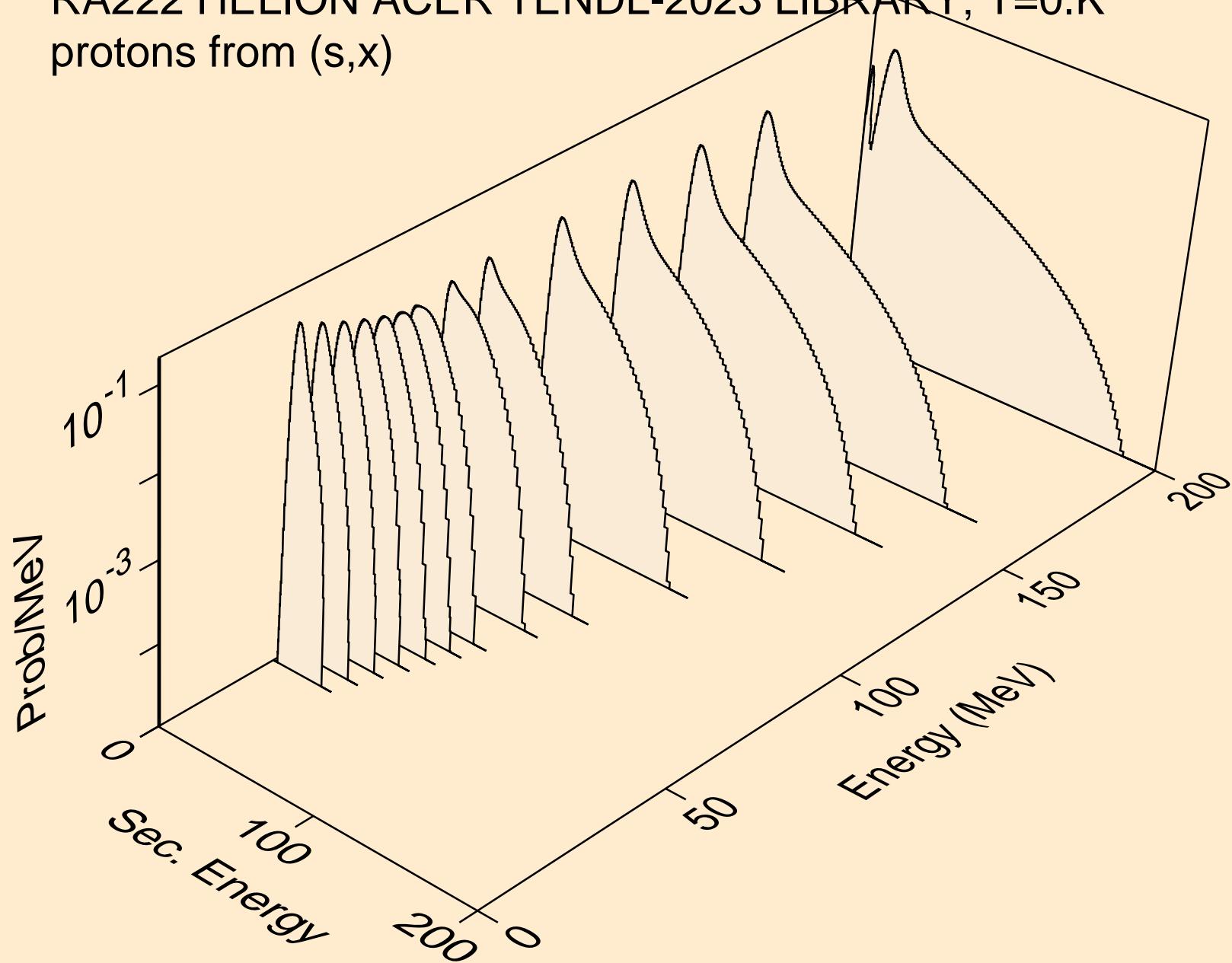




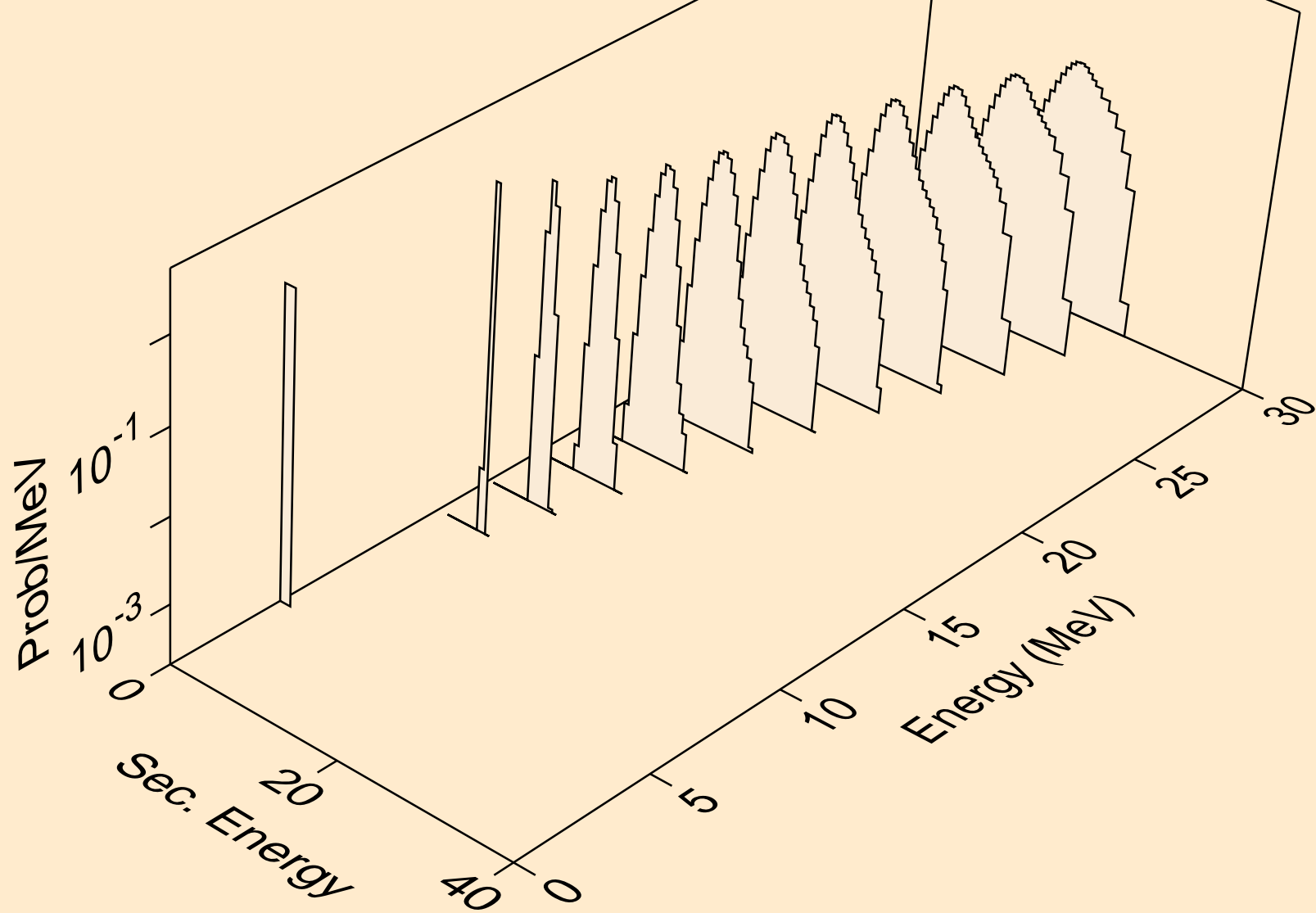
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



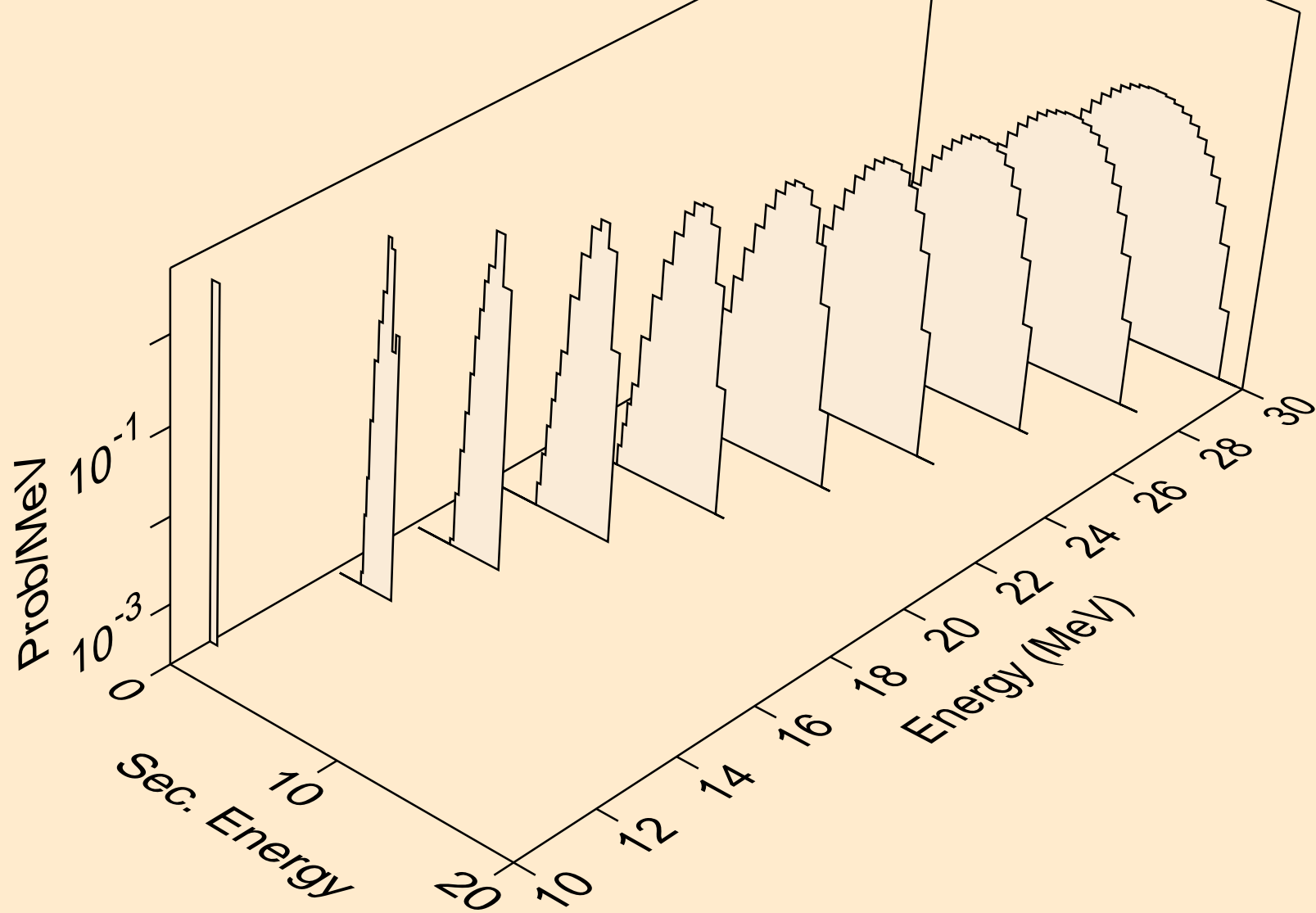
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



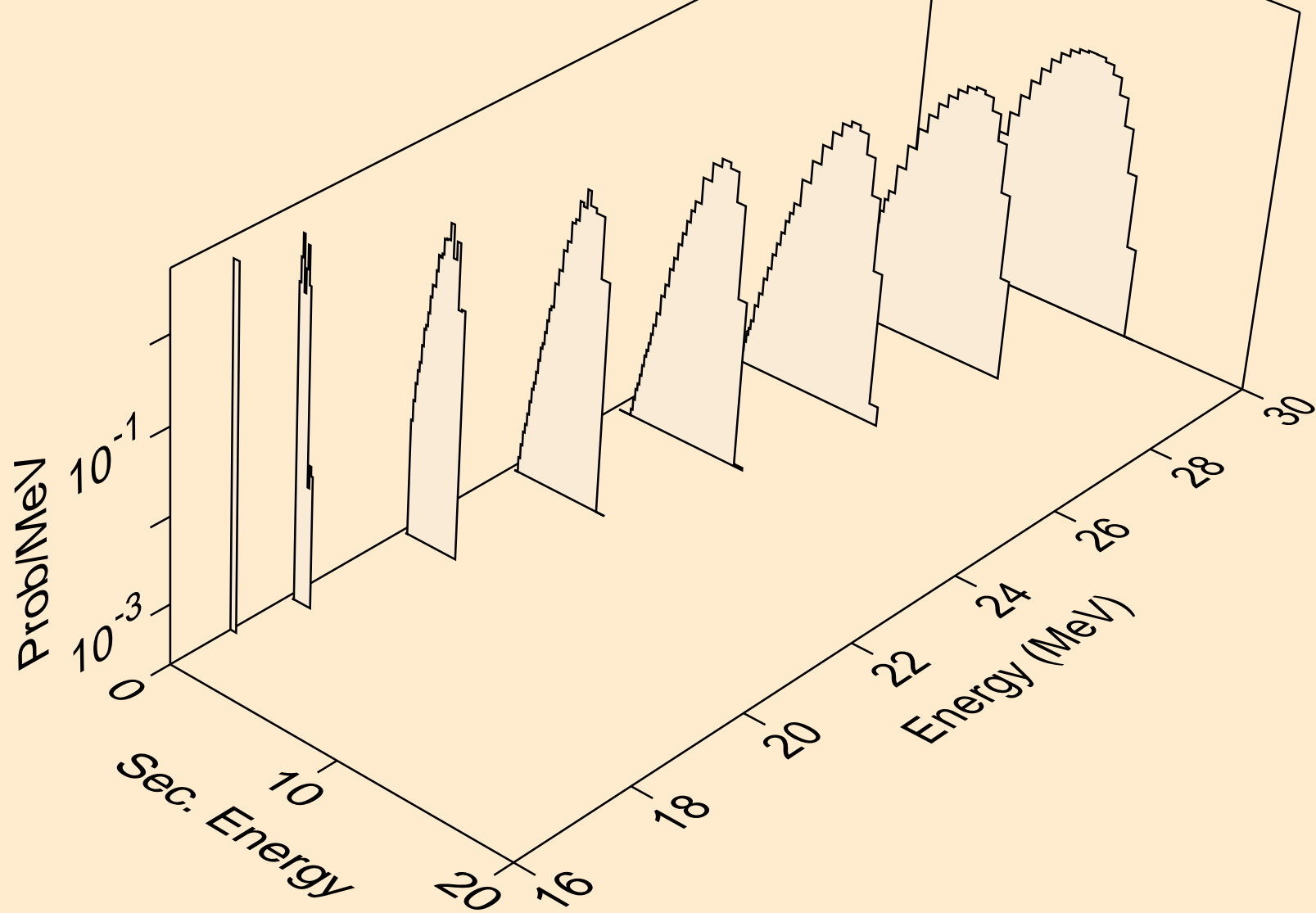
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



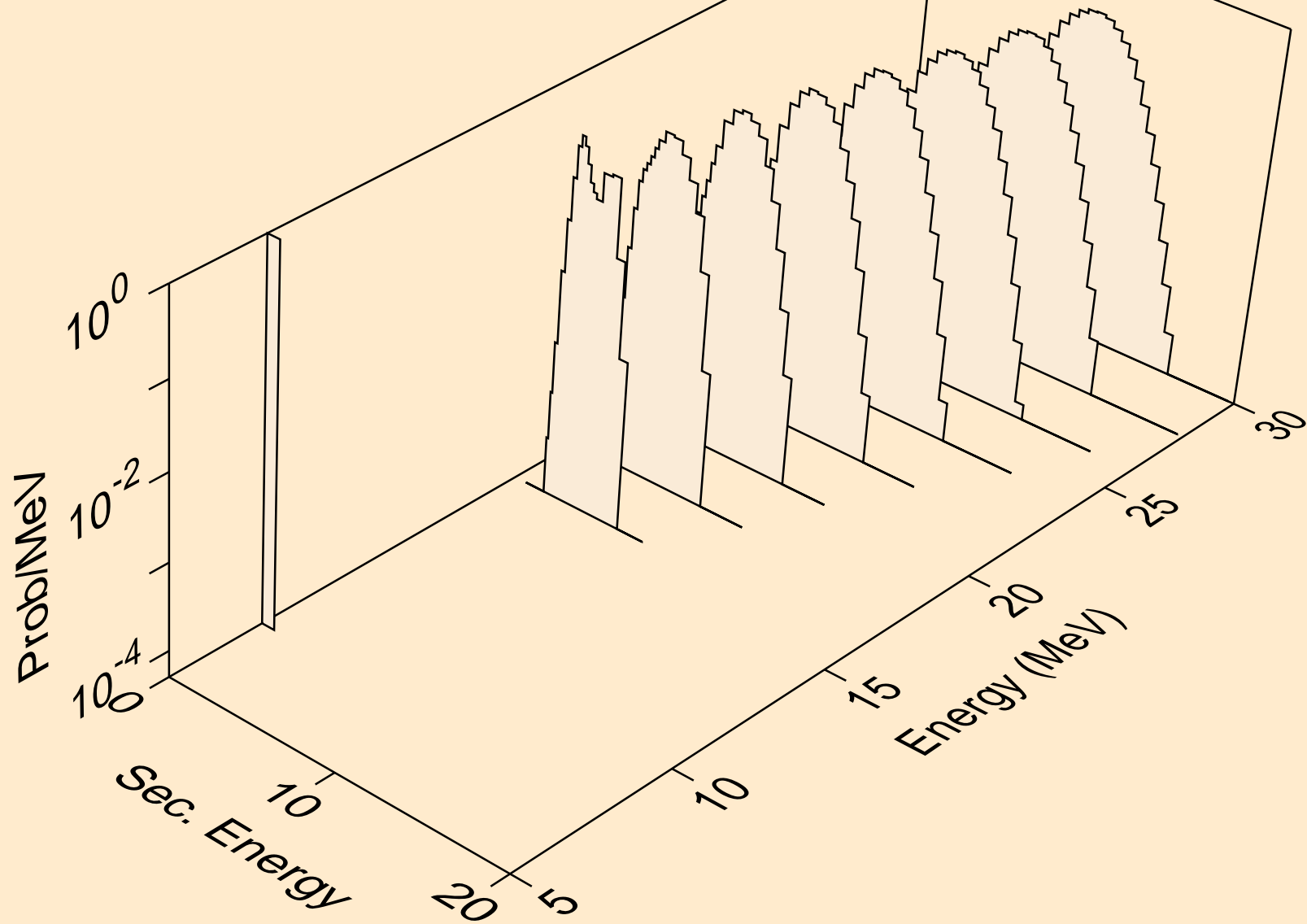
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protons from (s,2np)



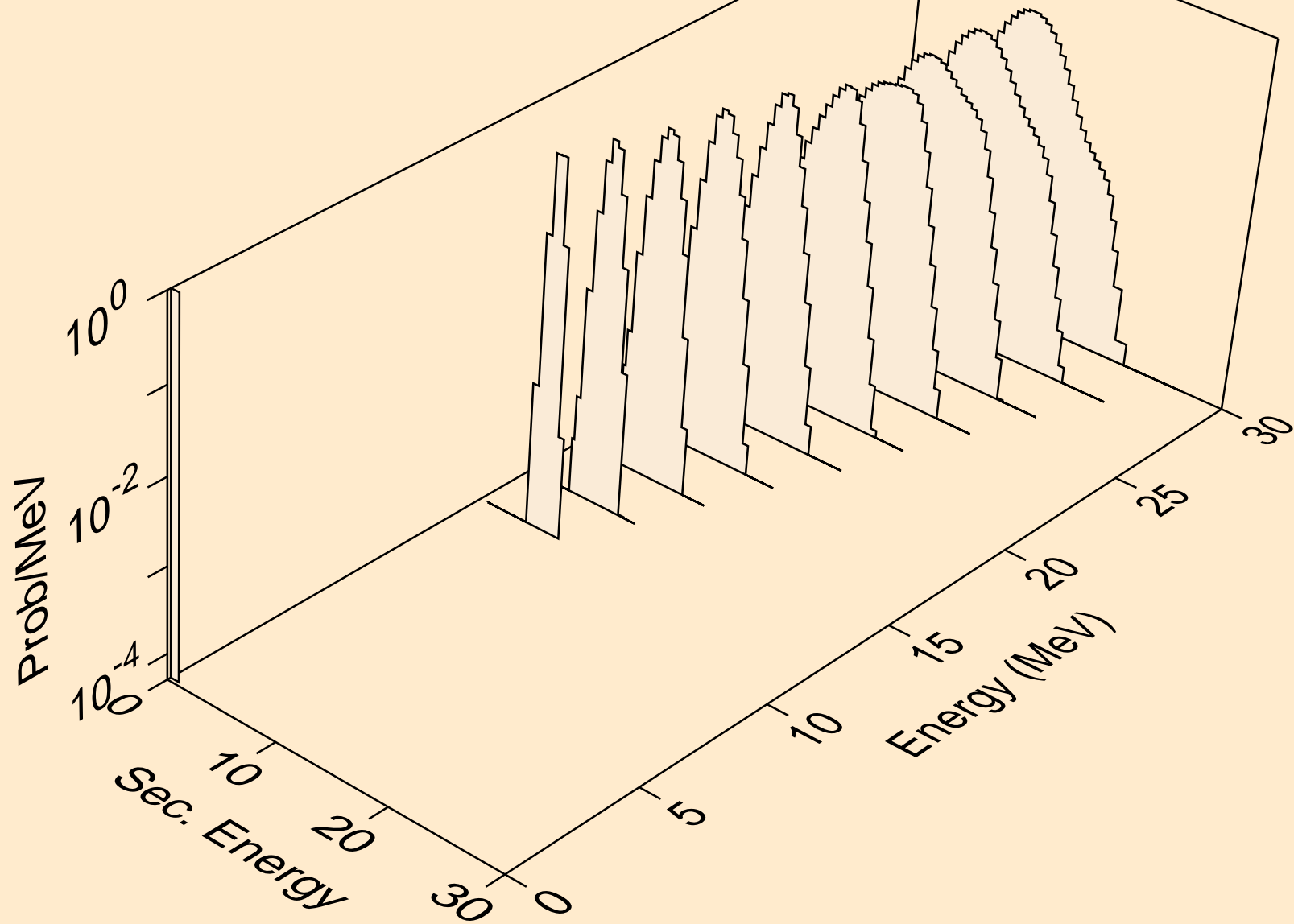
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protons from (s,3np)



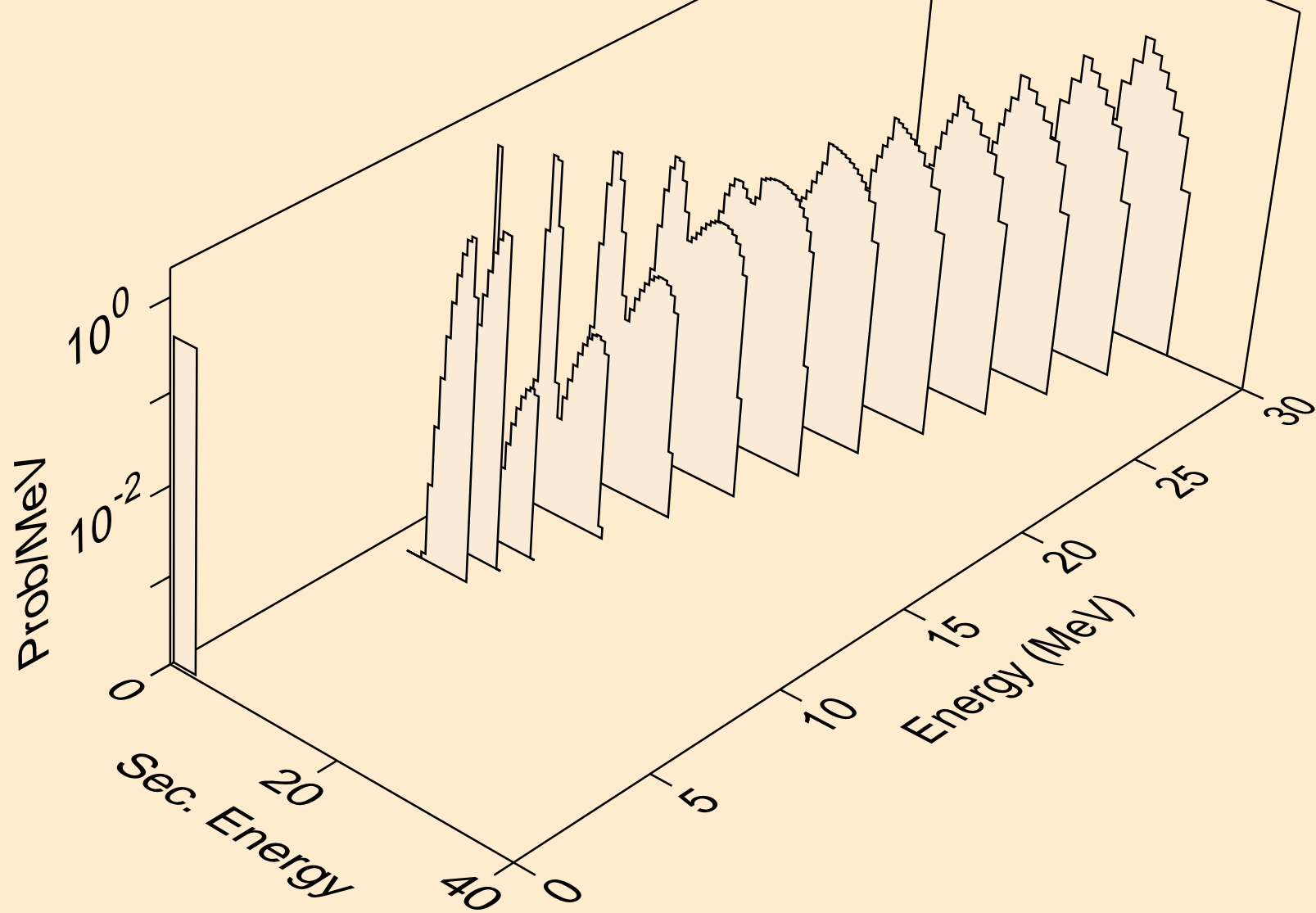
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

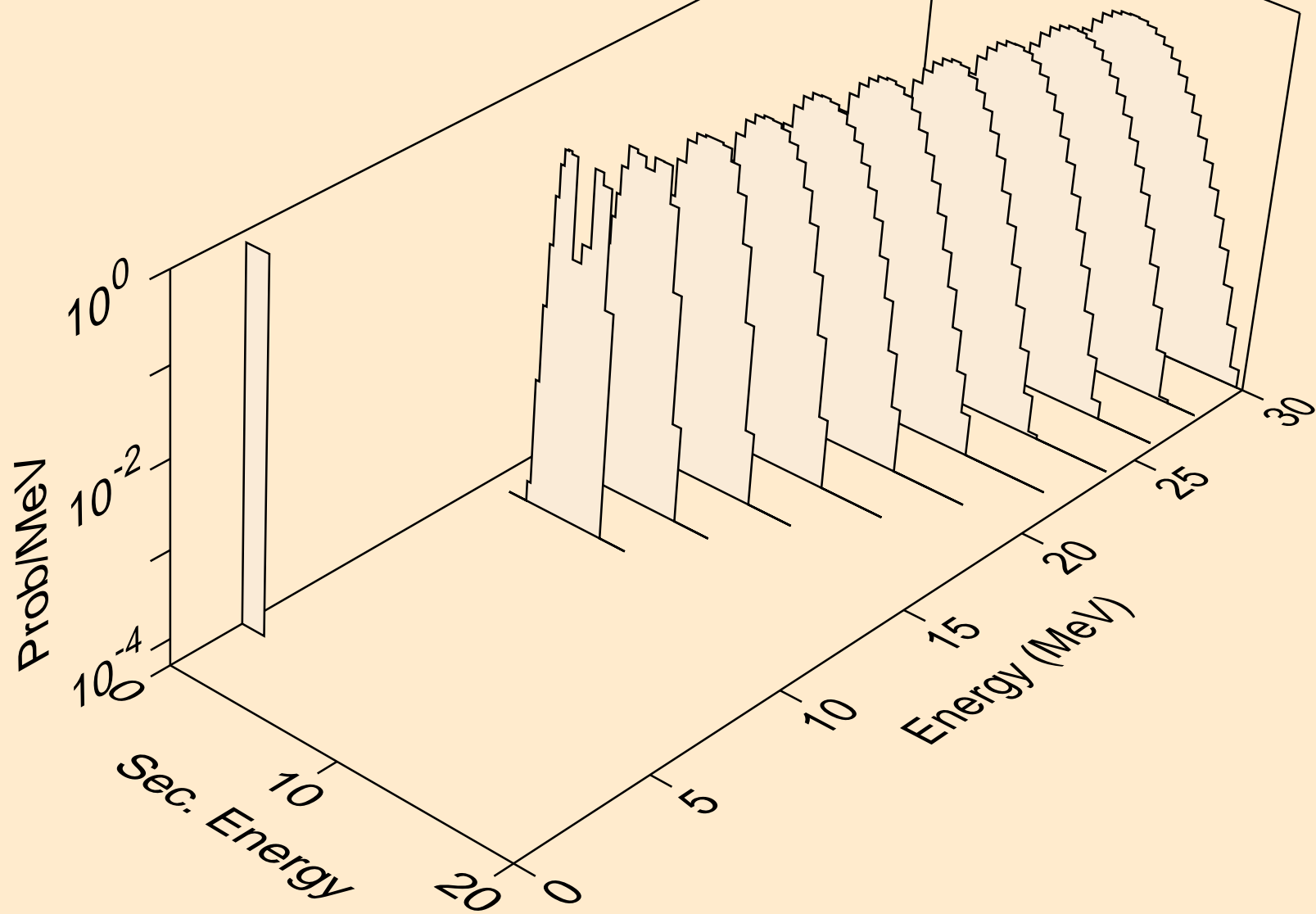


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

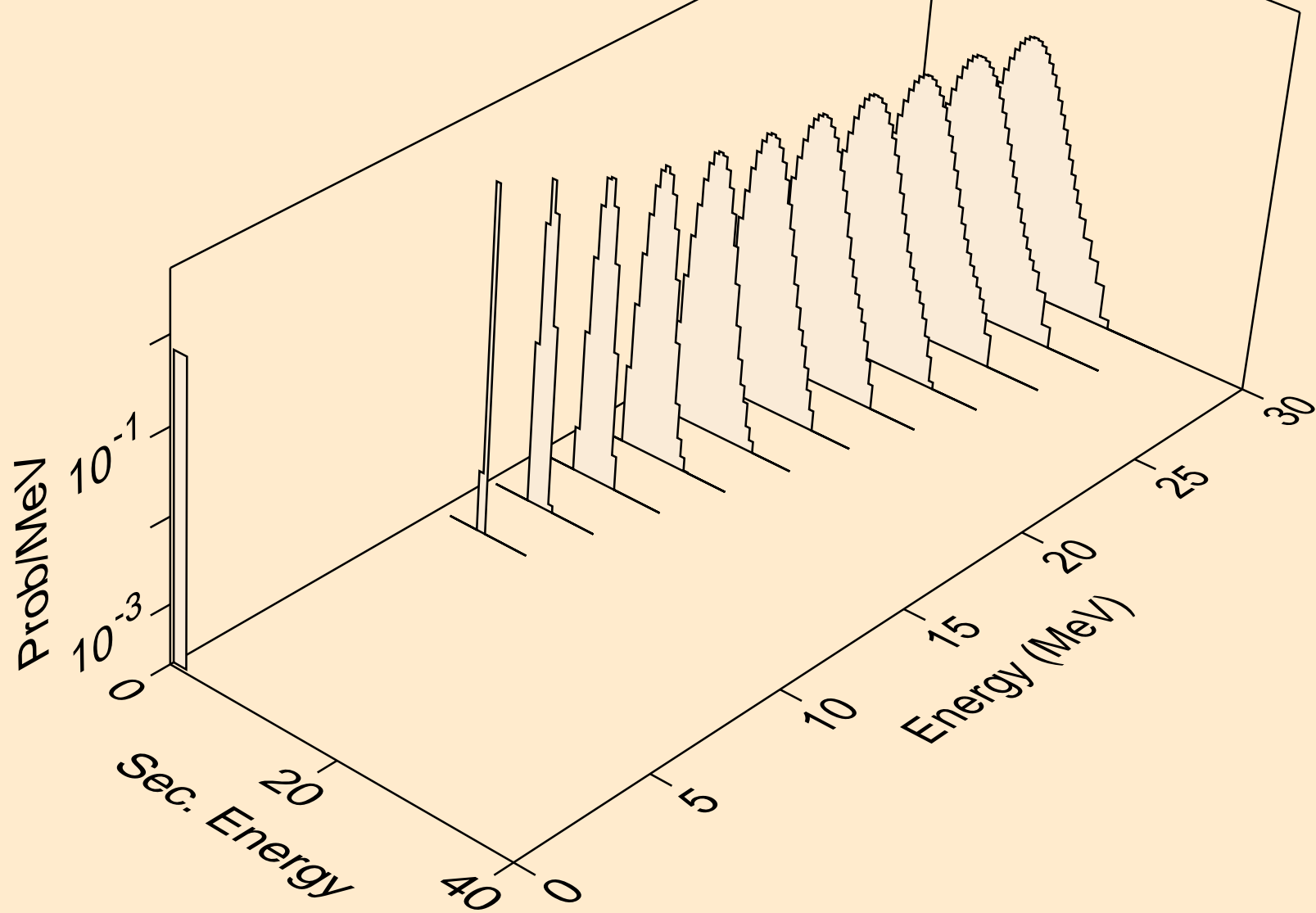




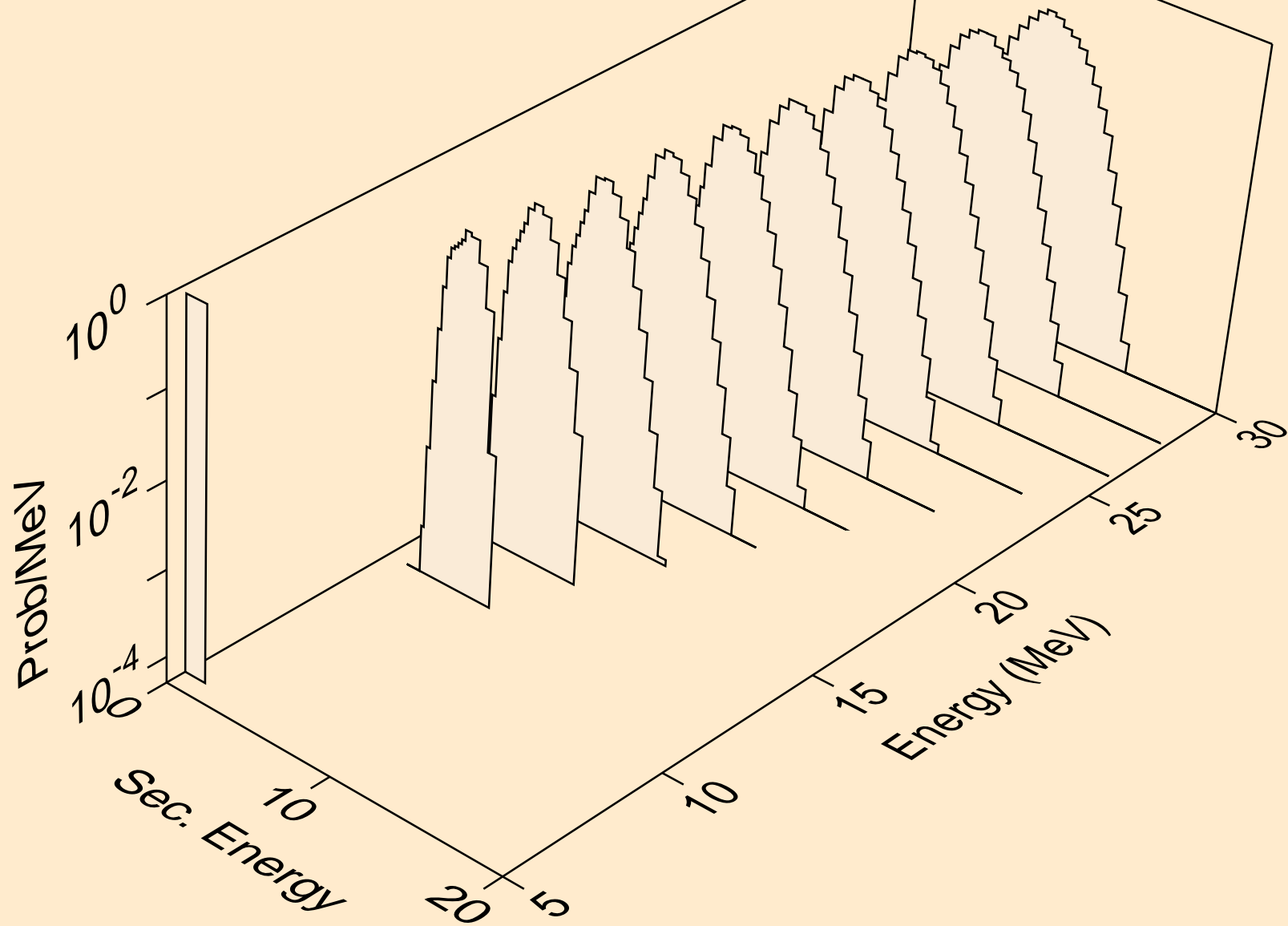
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protons from (s,2p)



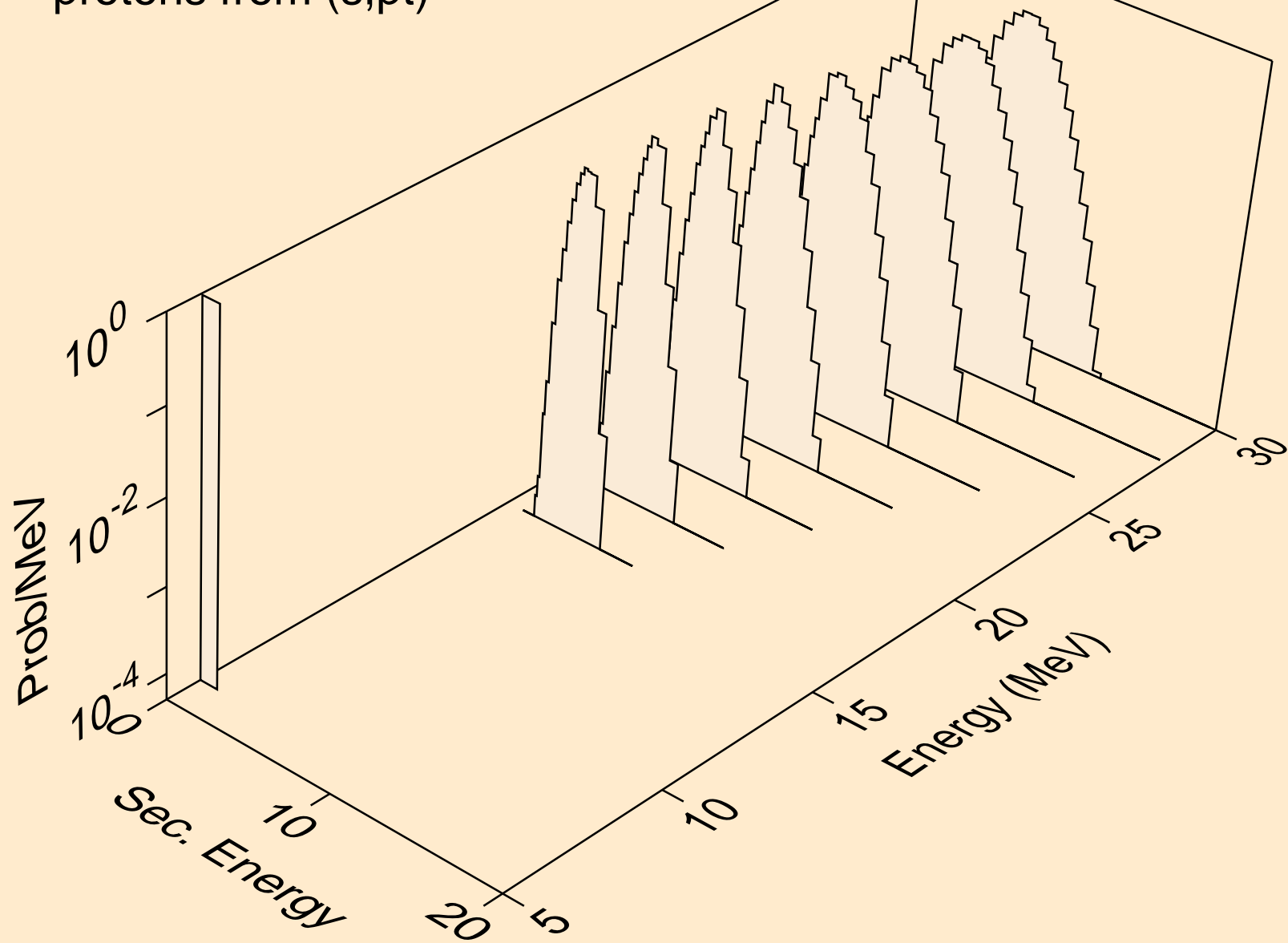
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protons from (s,pa)



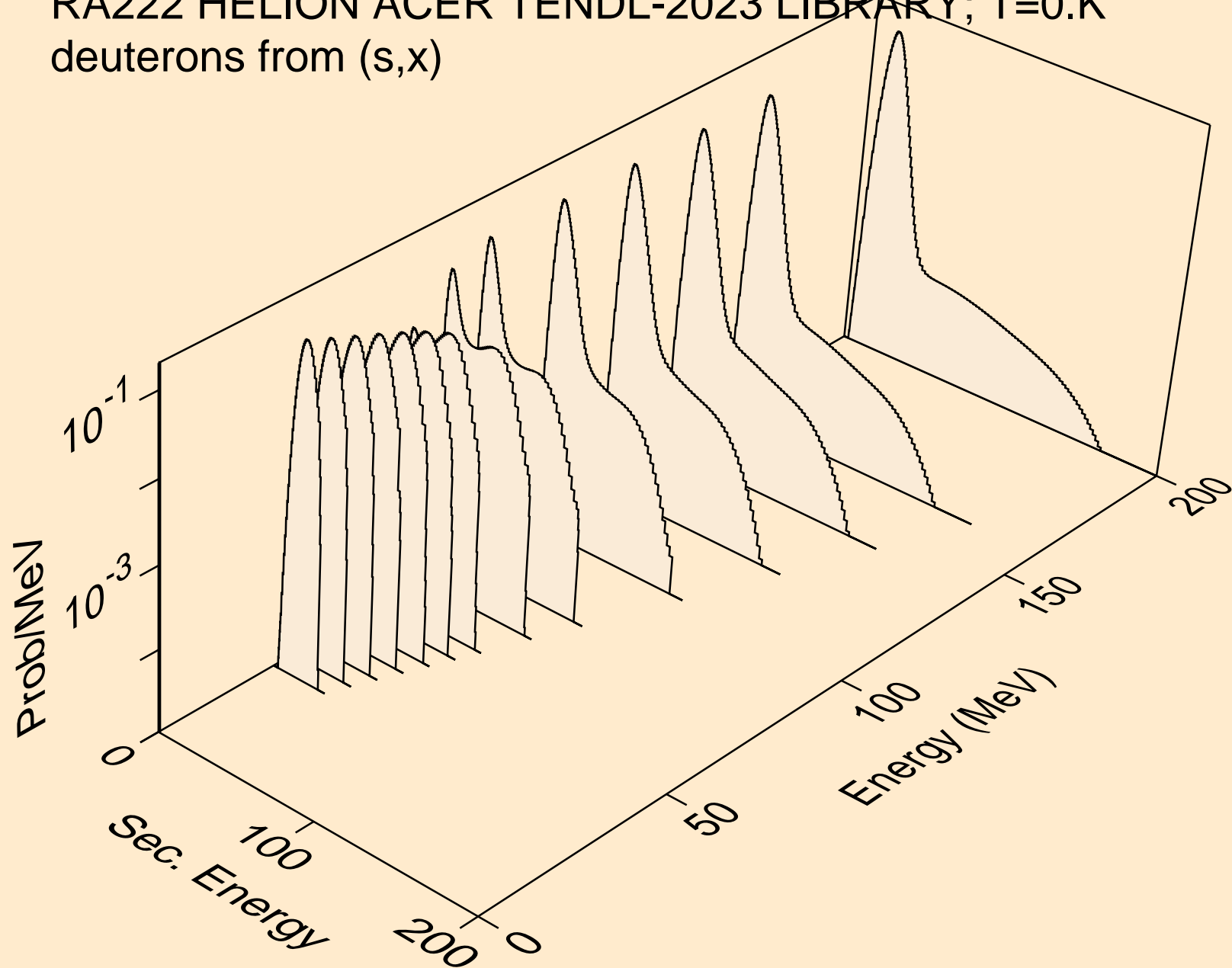
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protons from (s,pd)



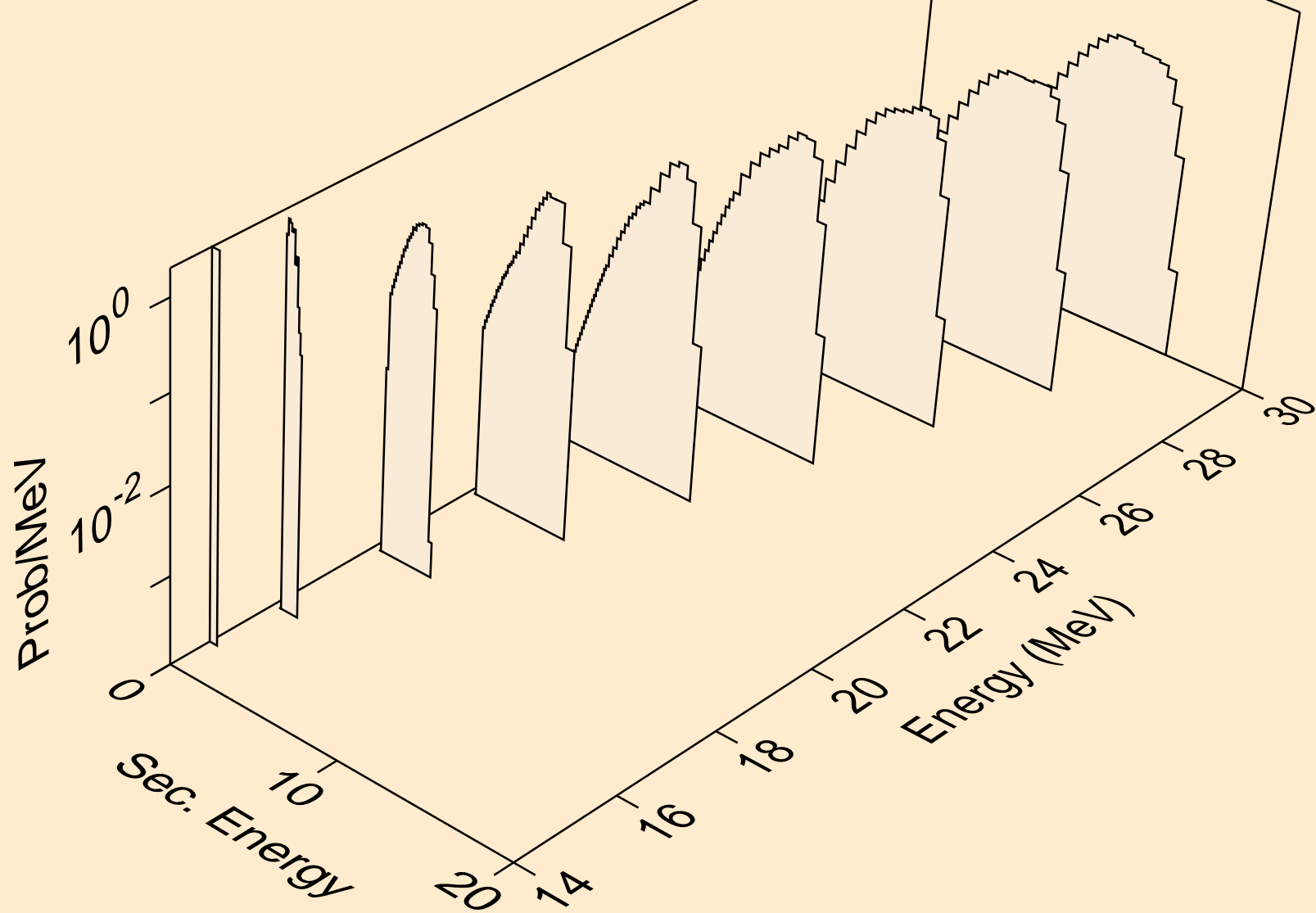
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protons from (s,pt)



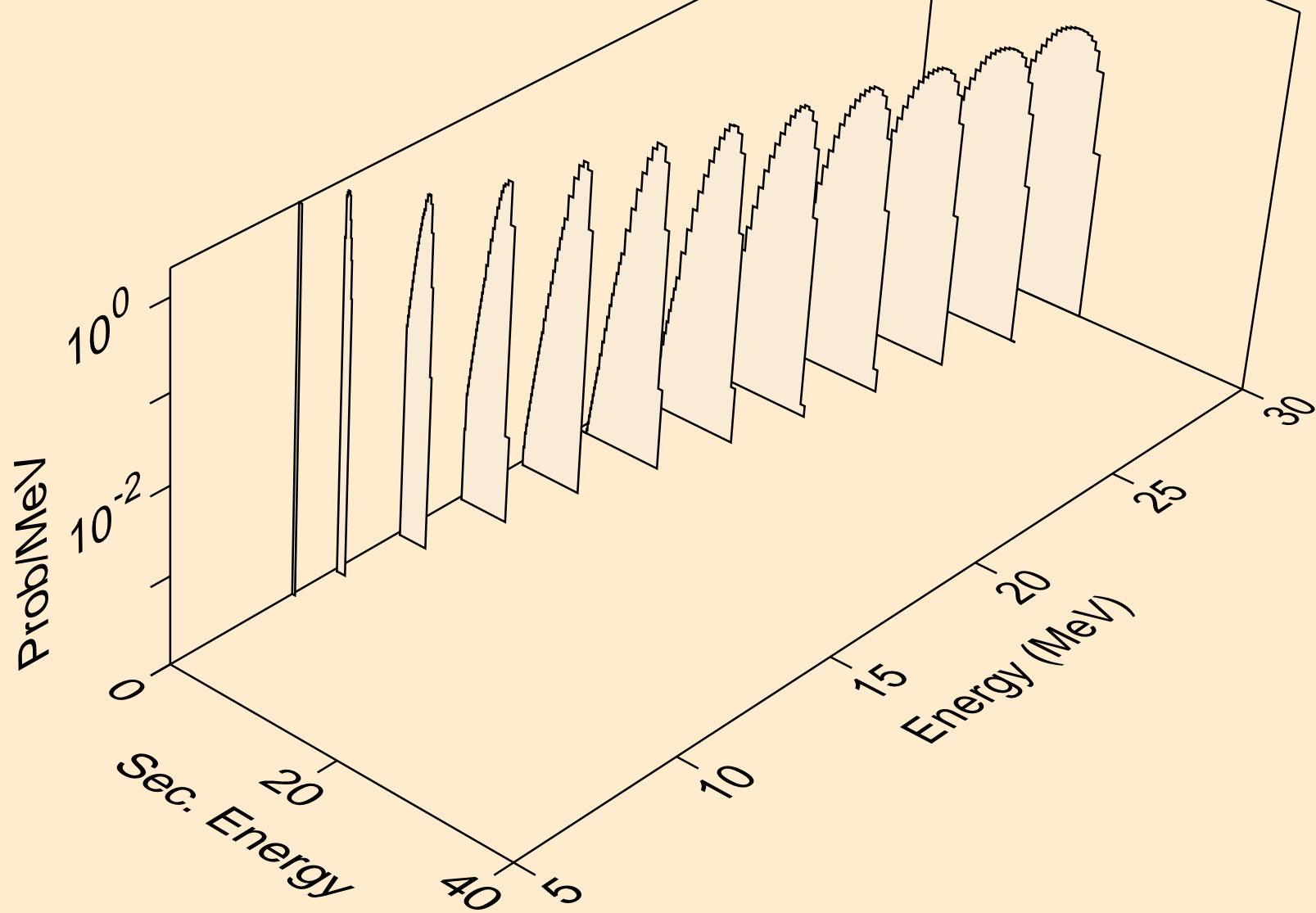
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deuterons from (s,x)



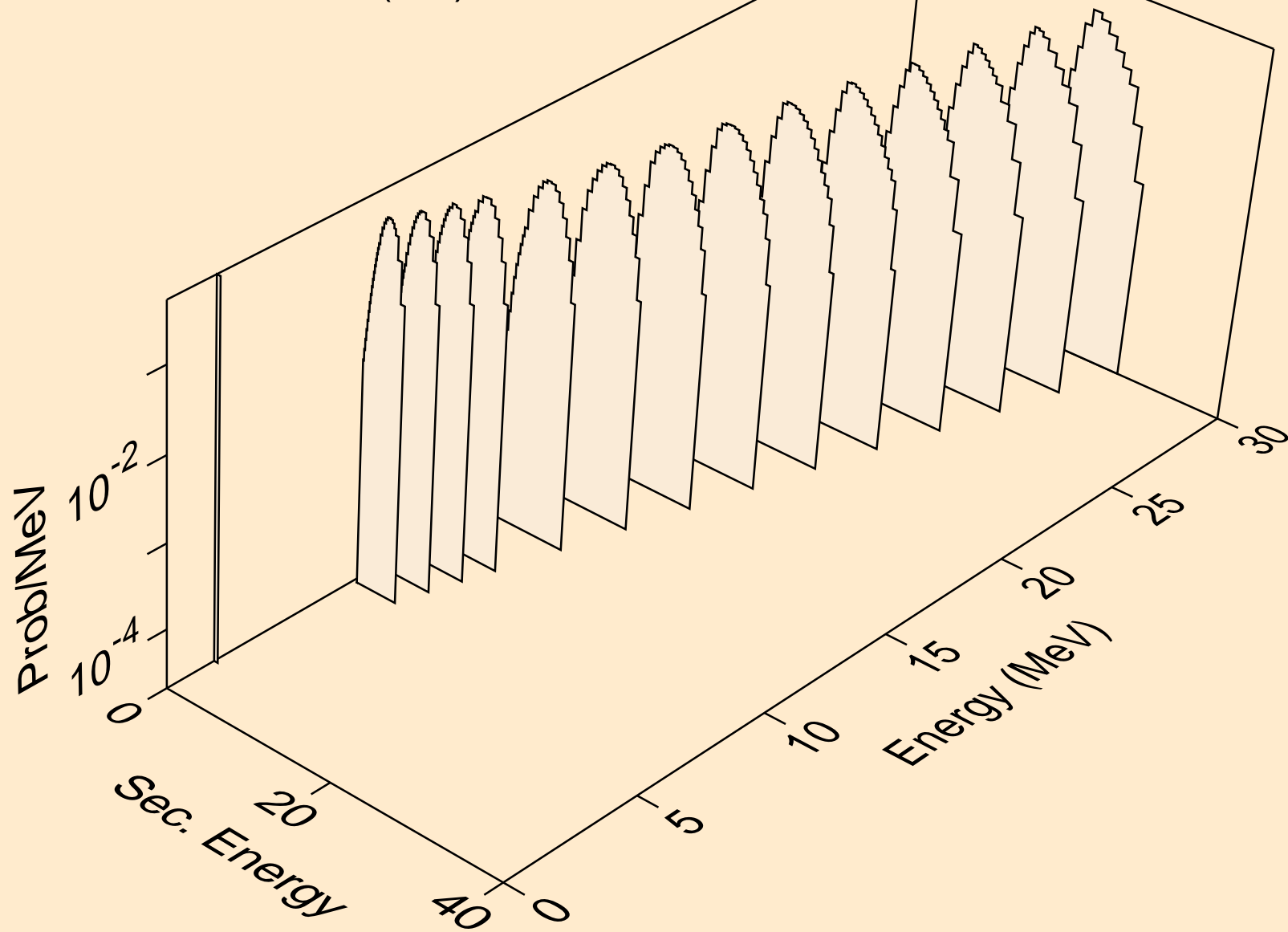
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,2nd)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d

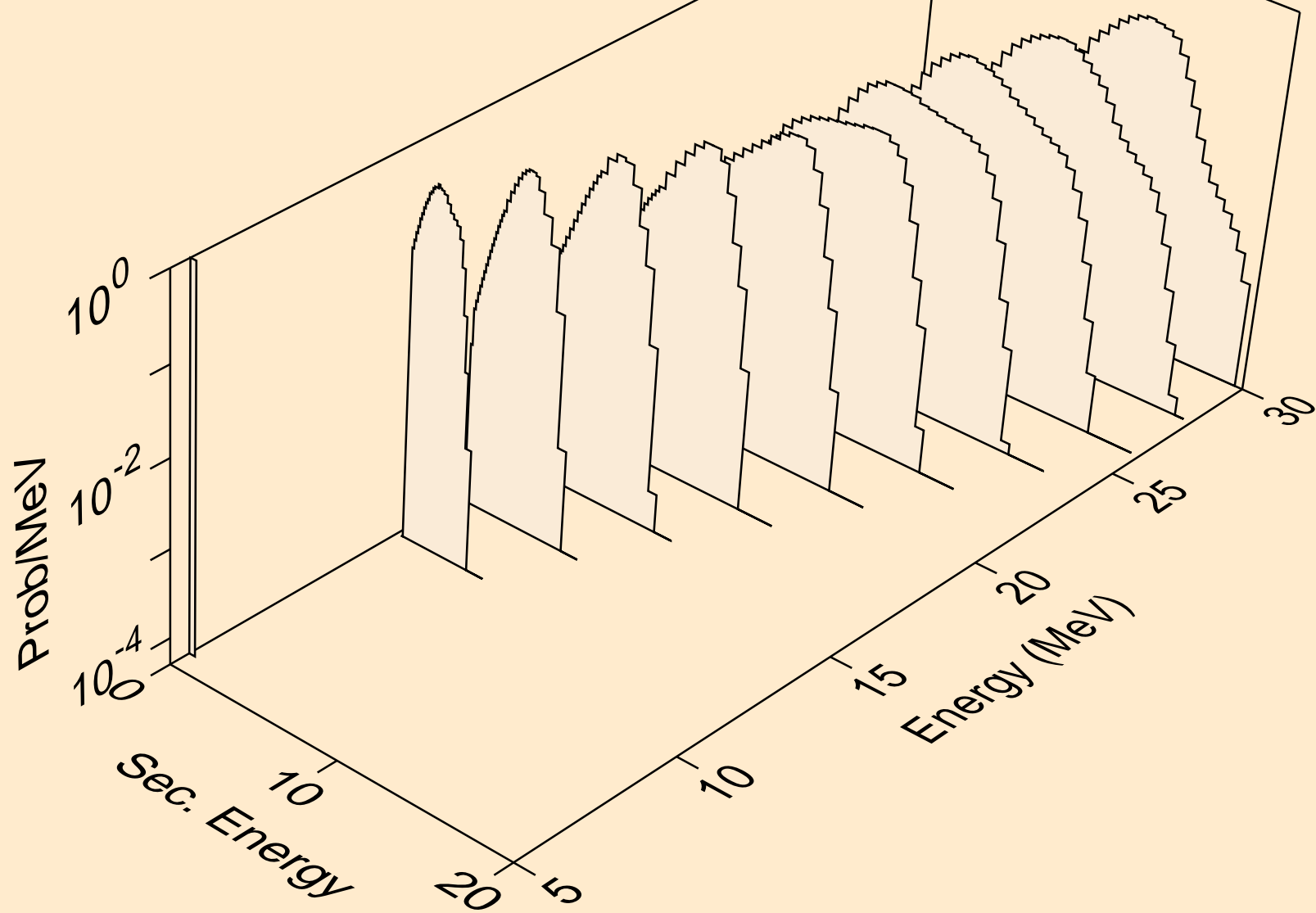


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

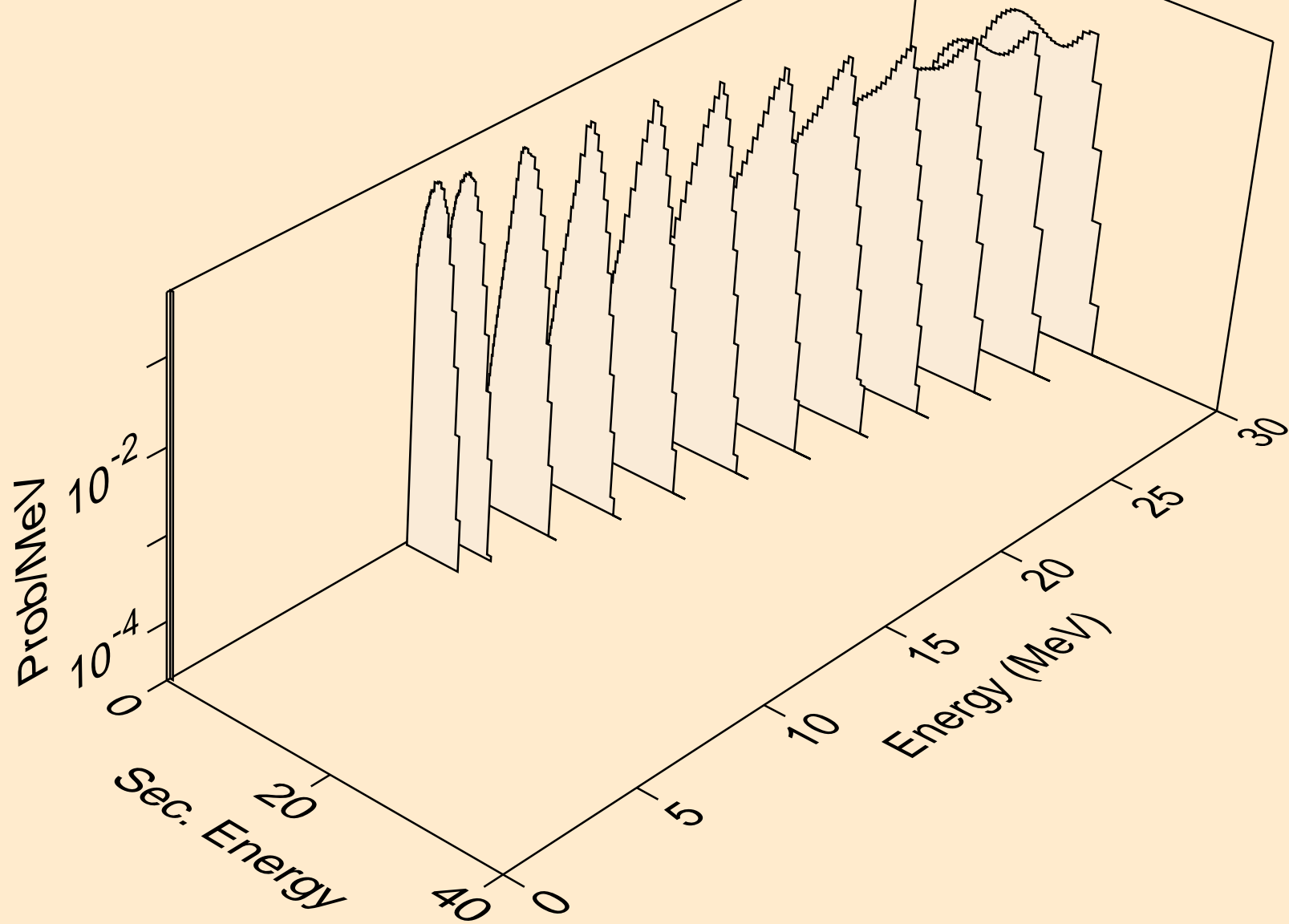




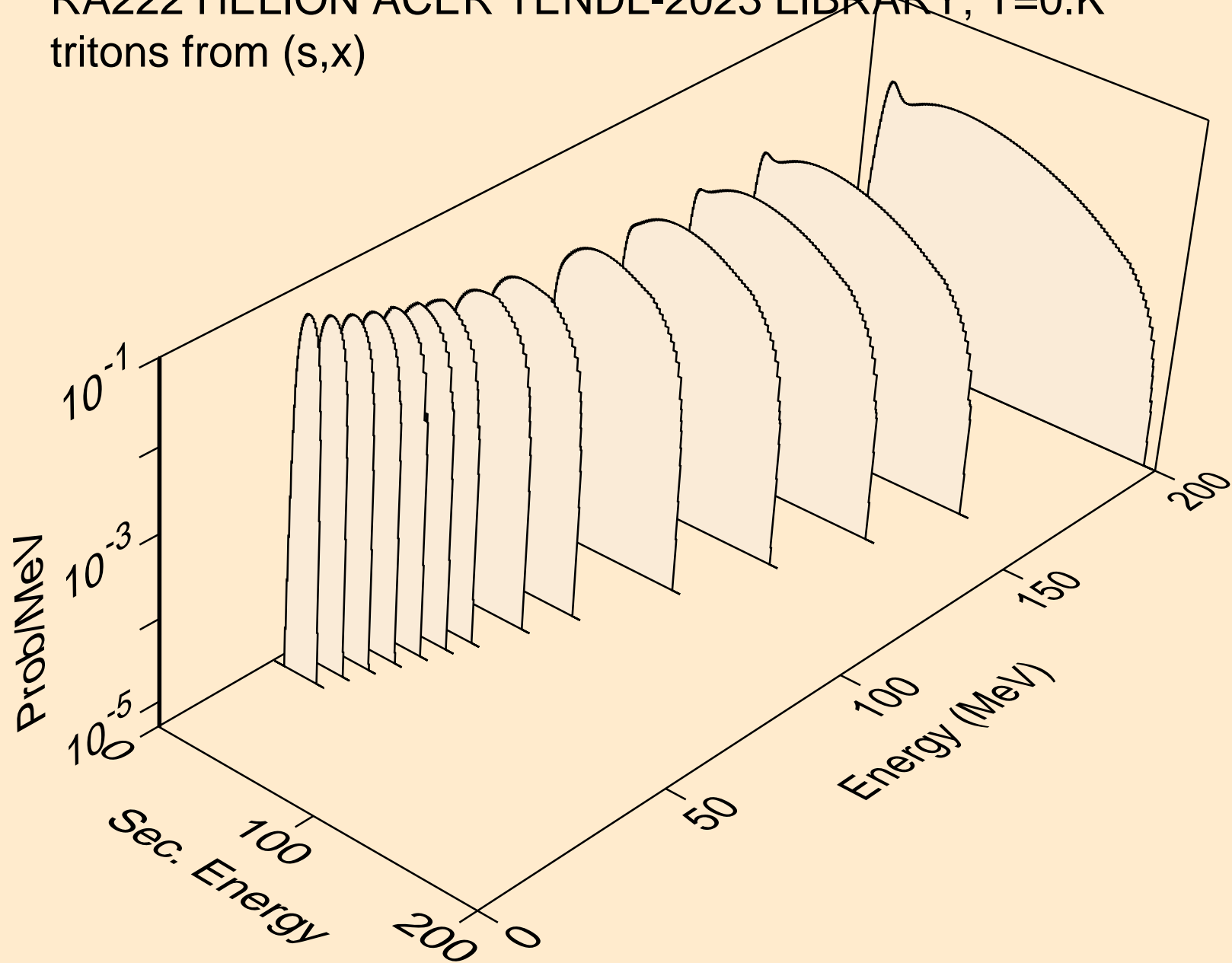
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



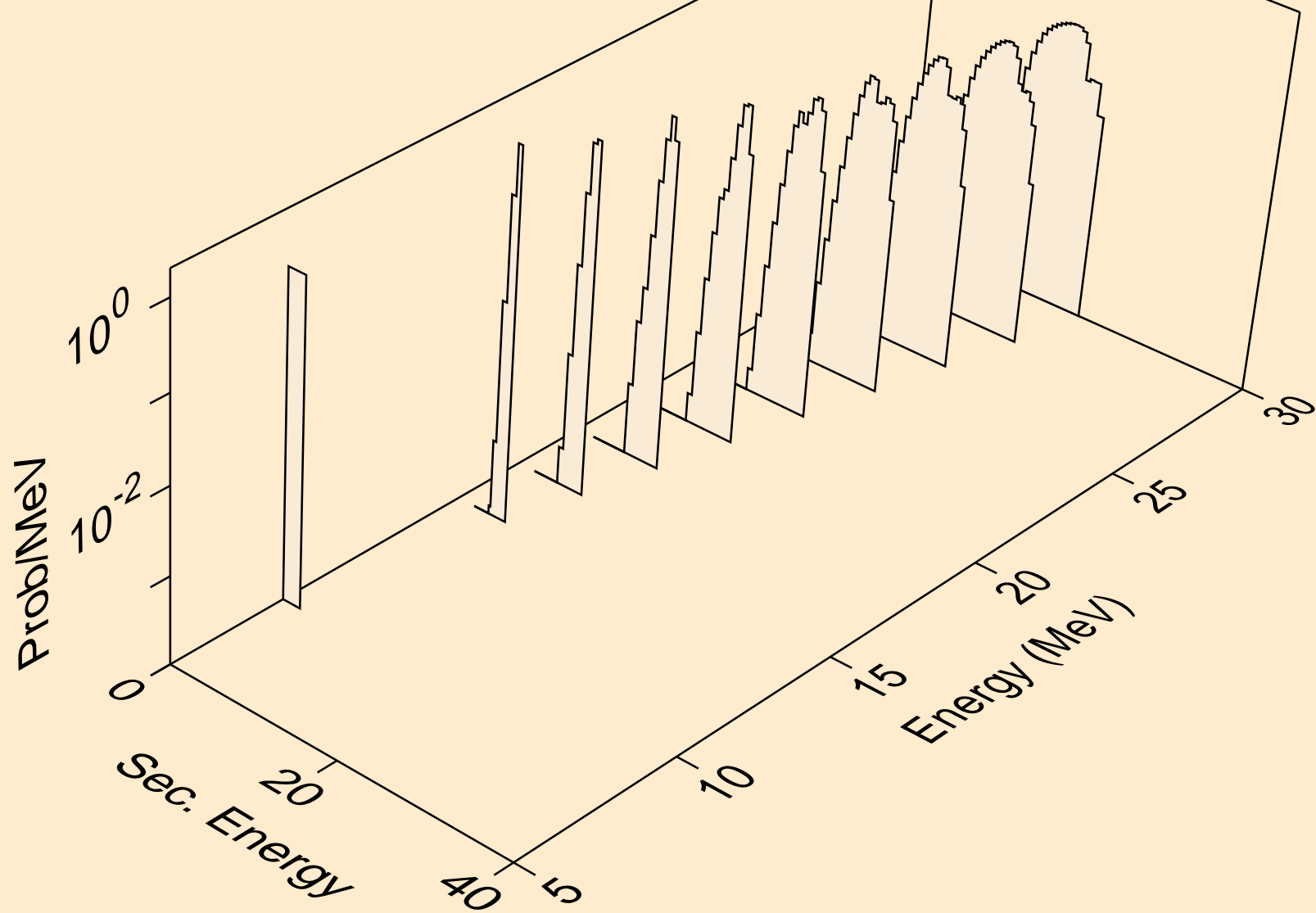
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deuterons from (s,da)



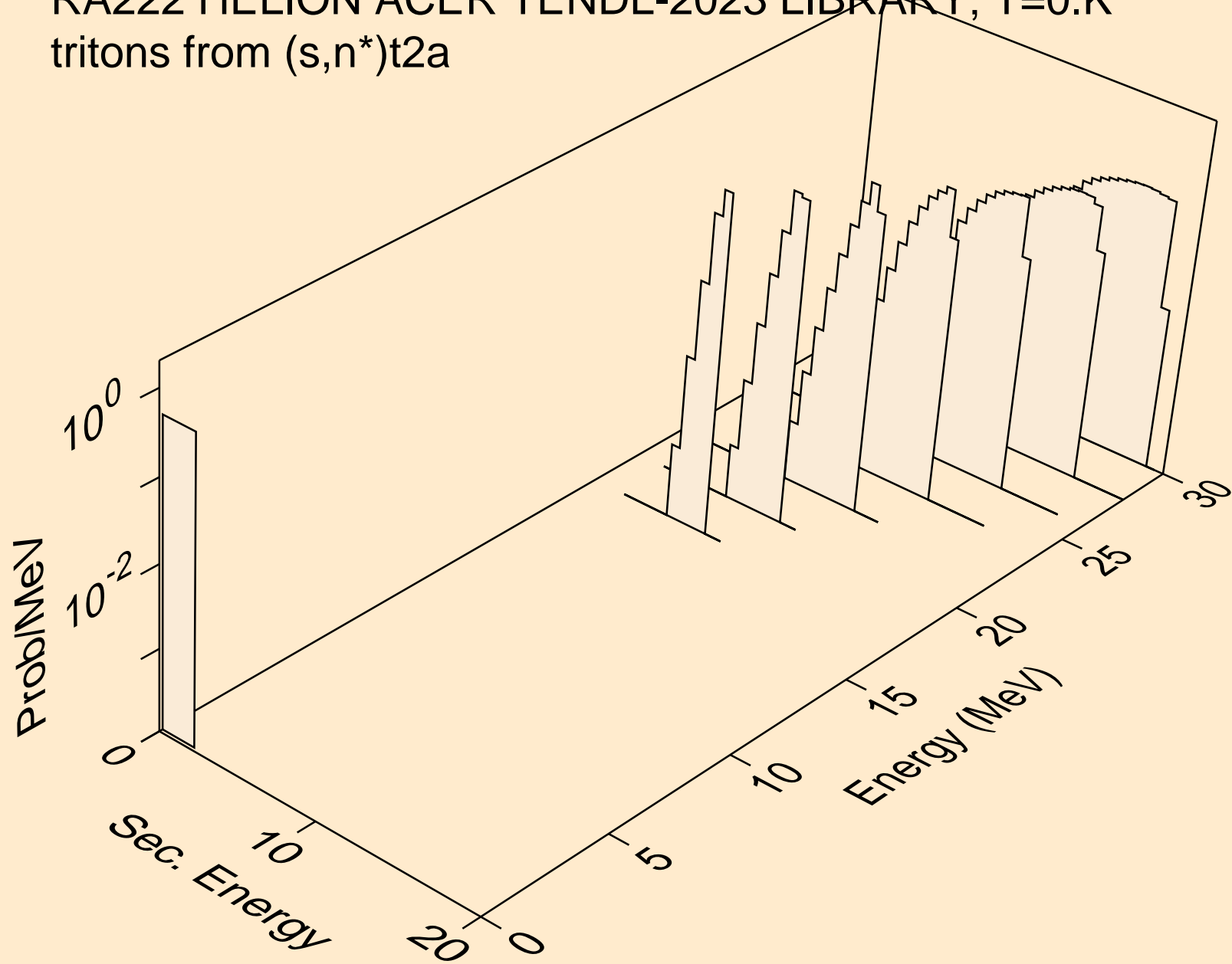
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



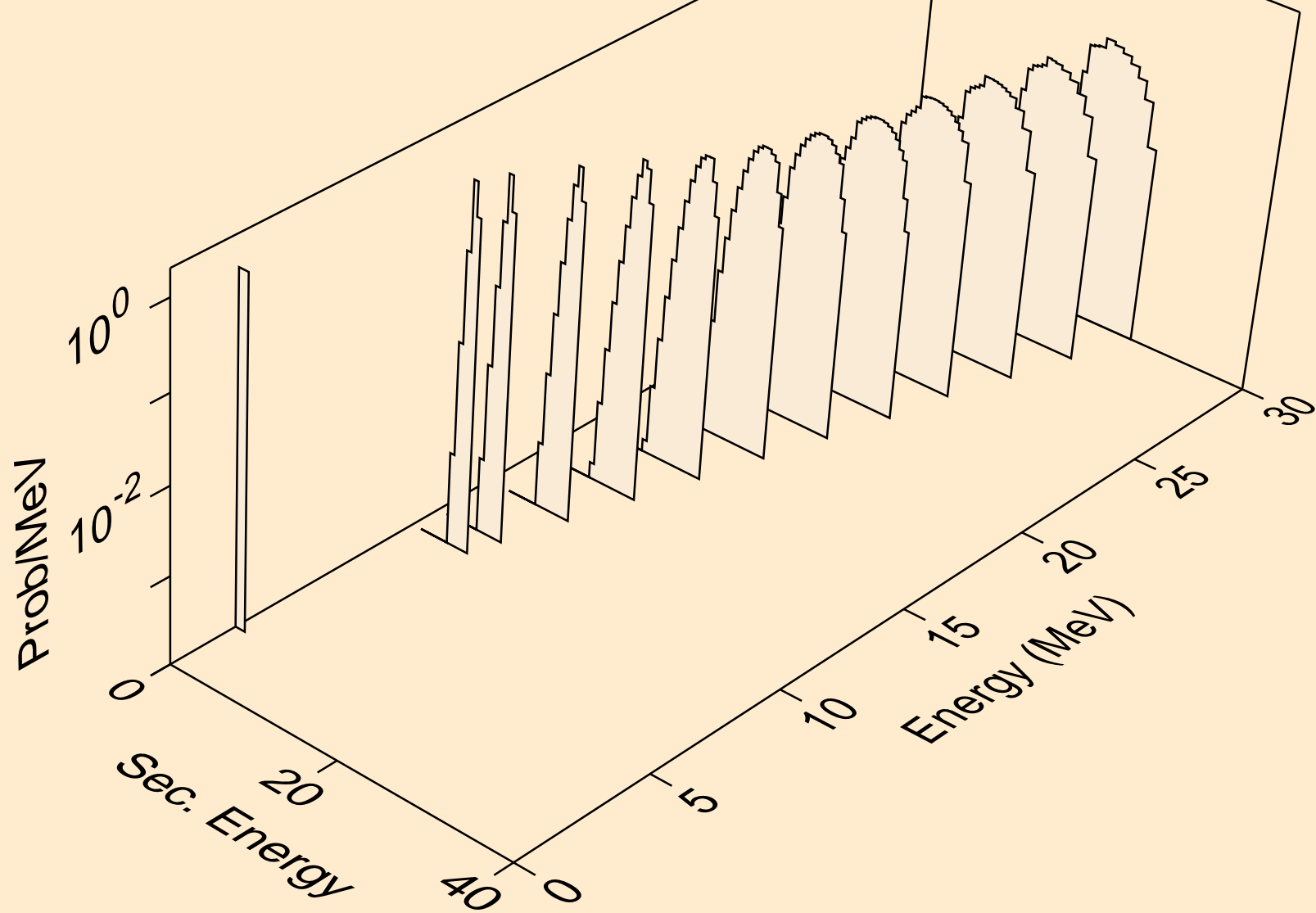
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



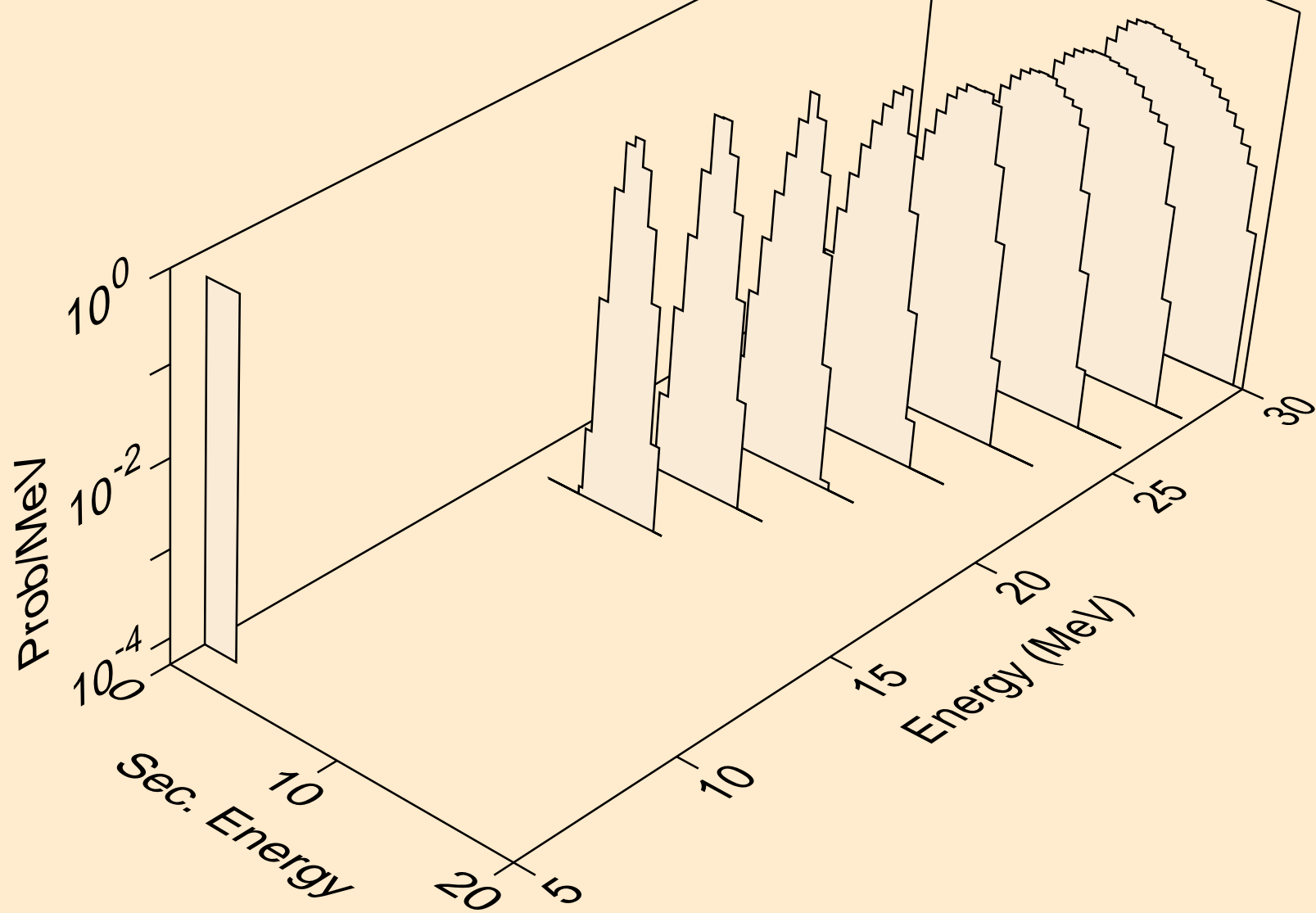
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t2a



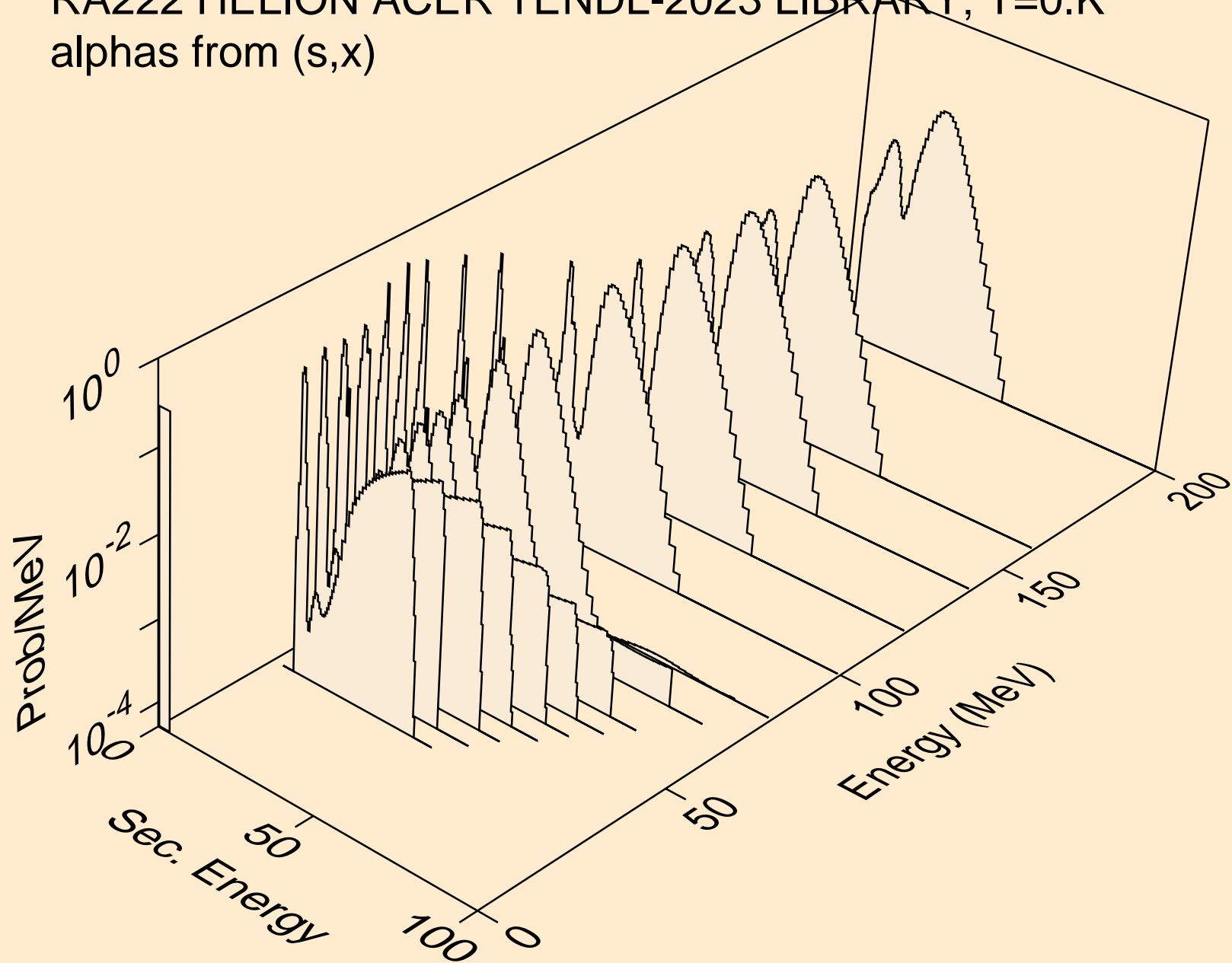
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

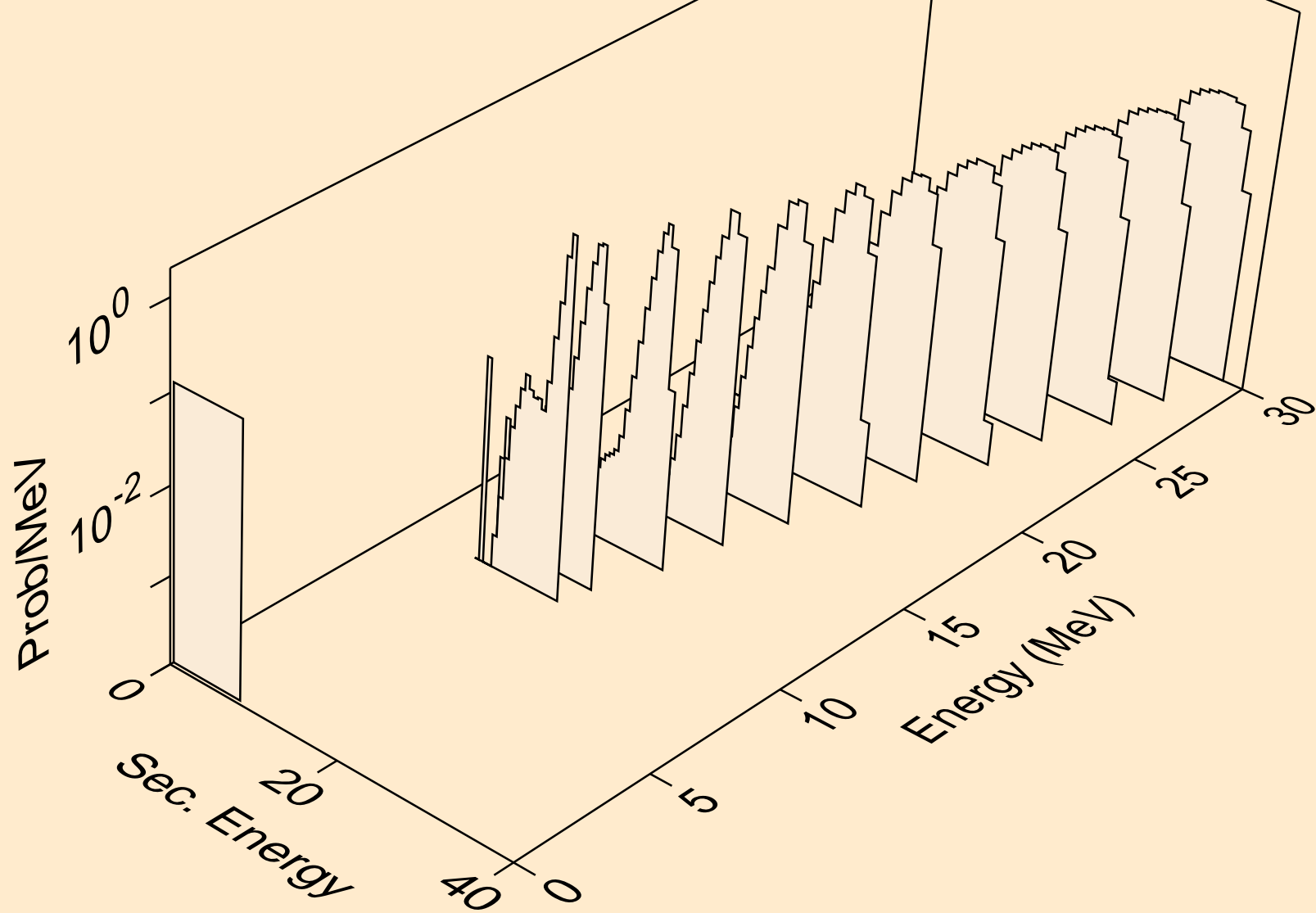


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

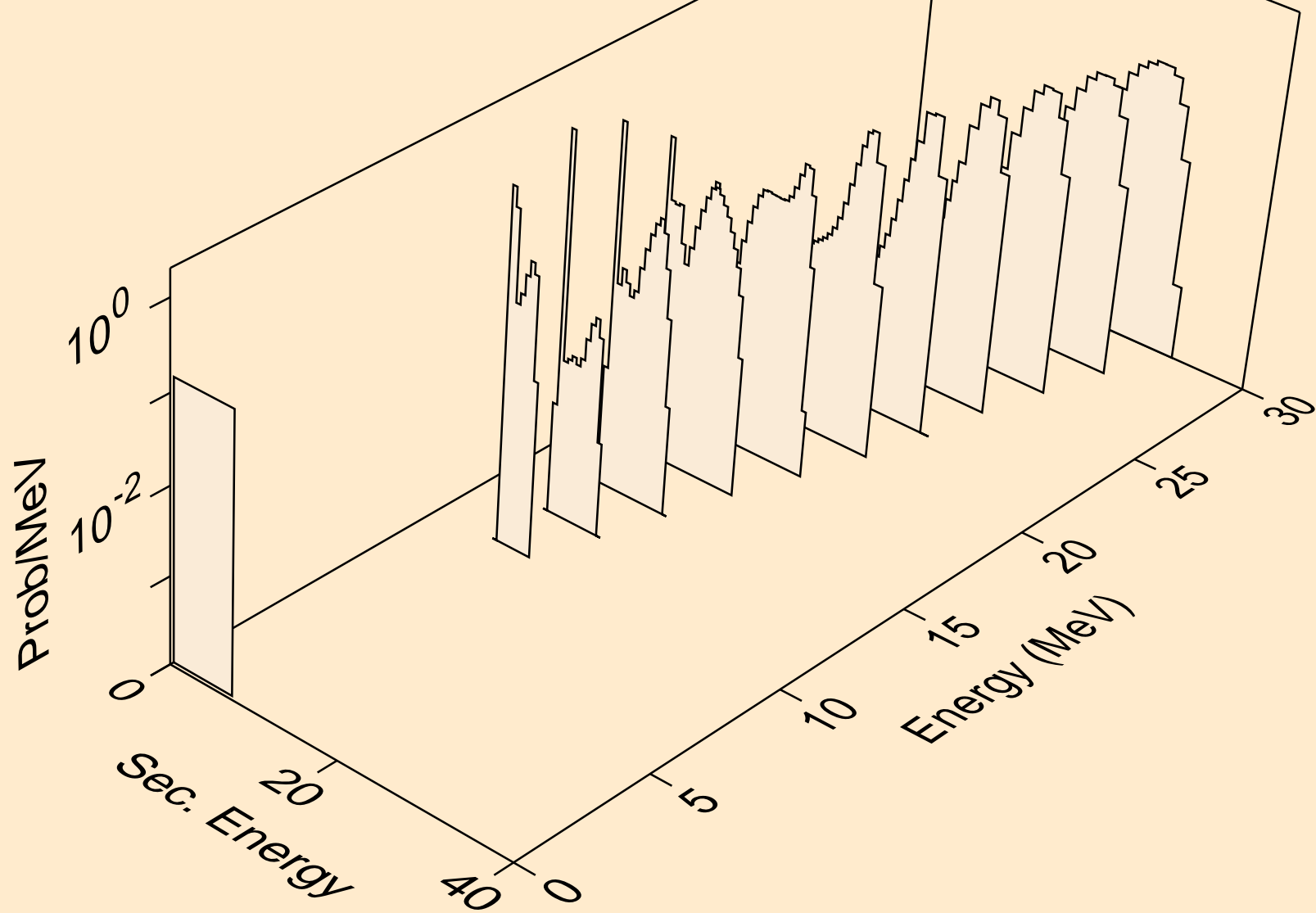




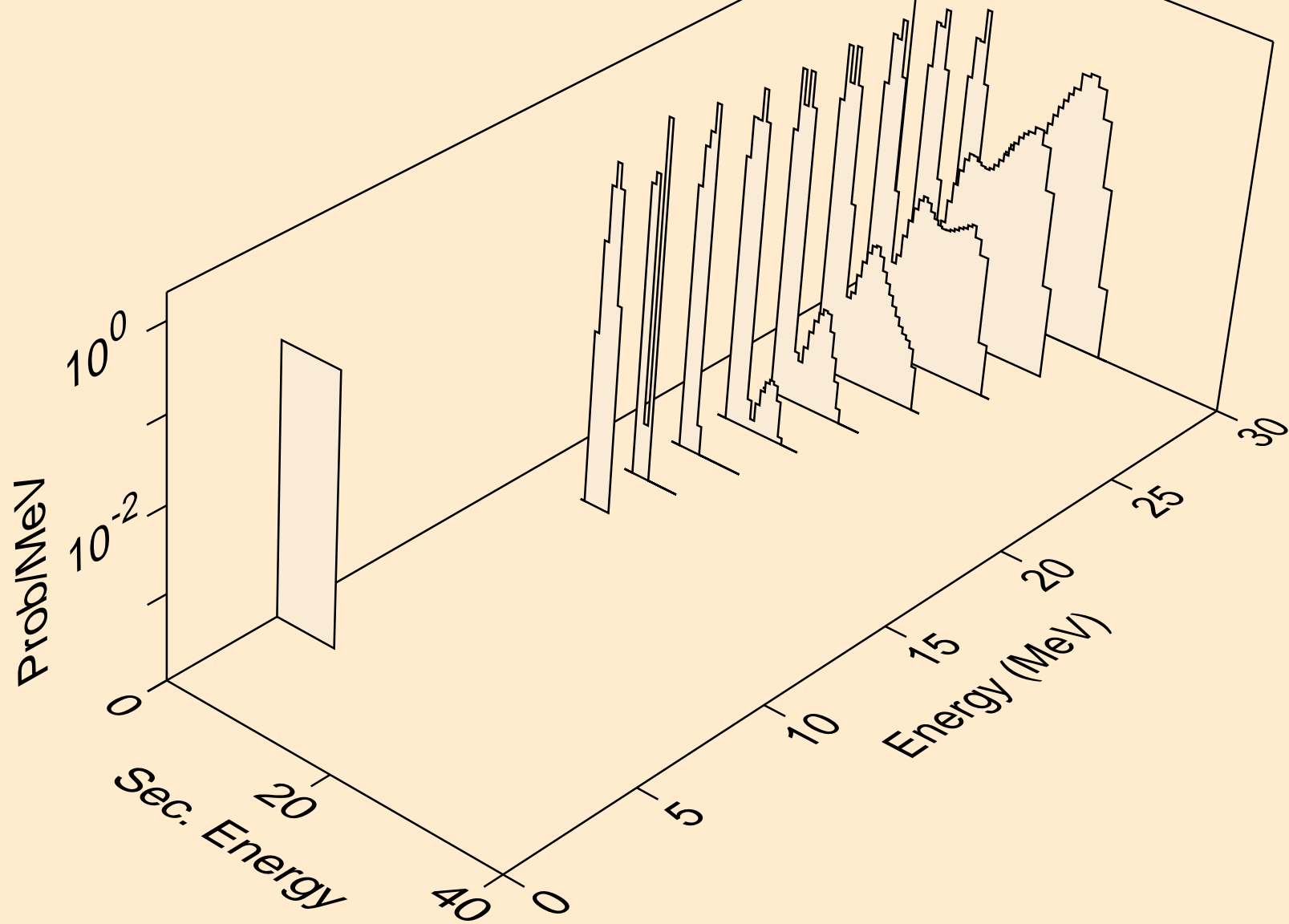
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alphas from (s,n\*)a



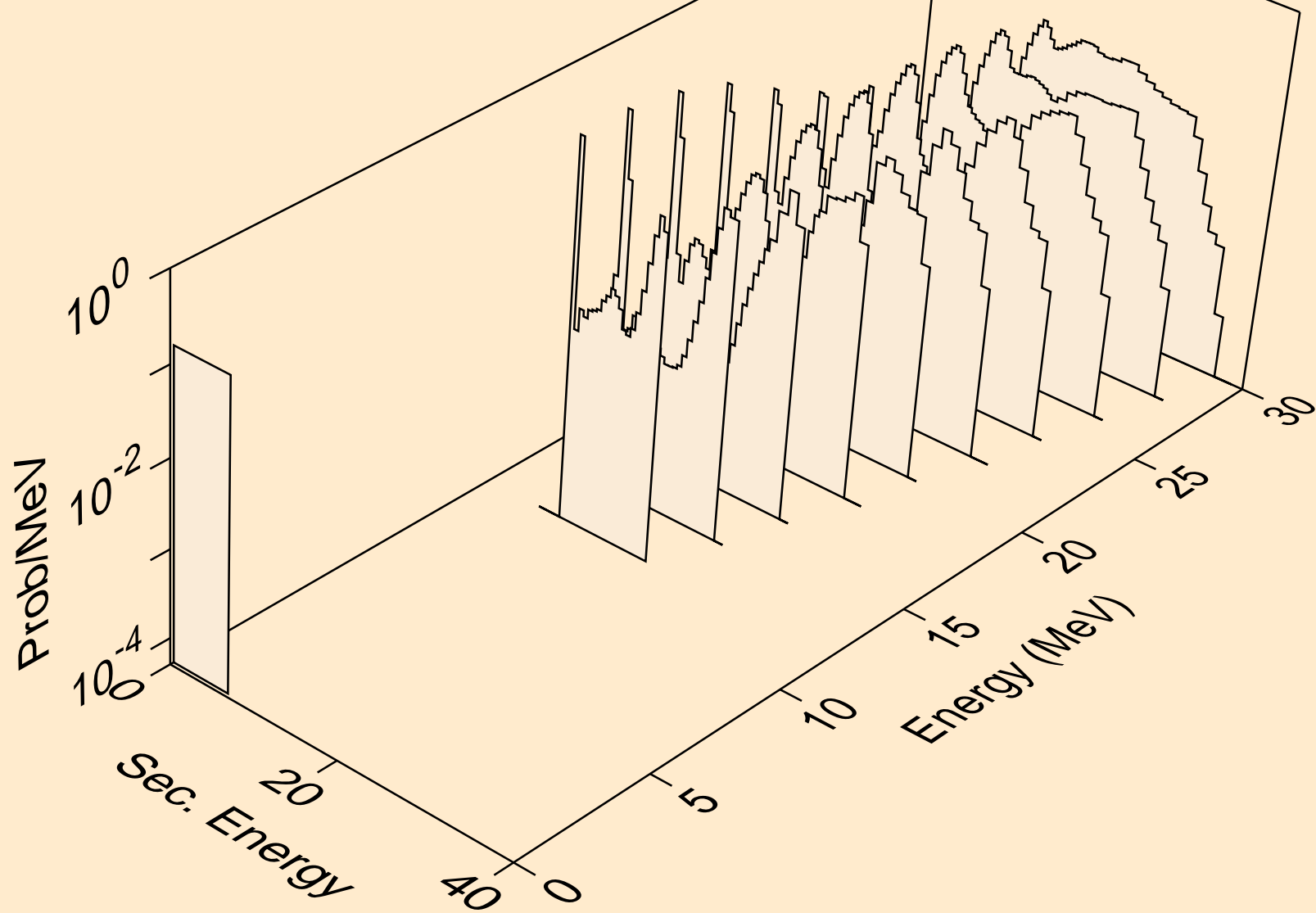
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



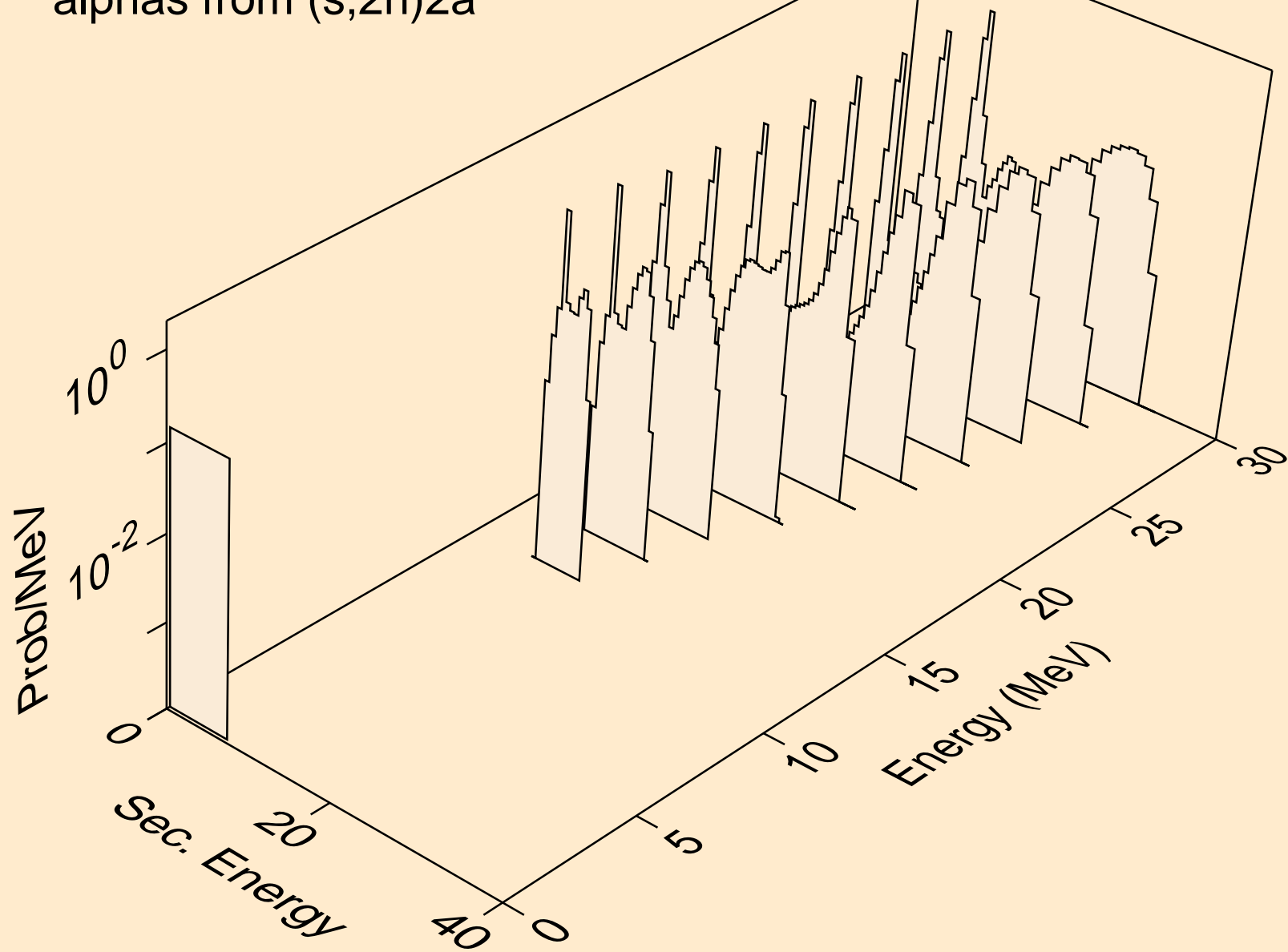
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



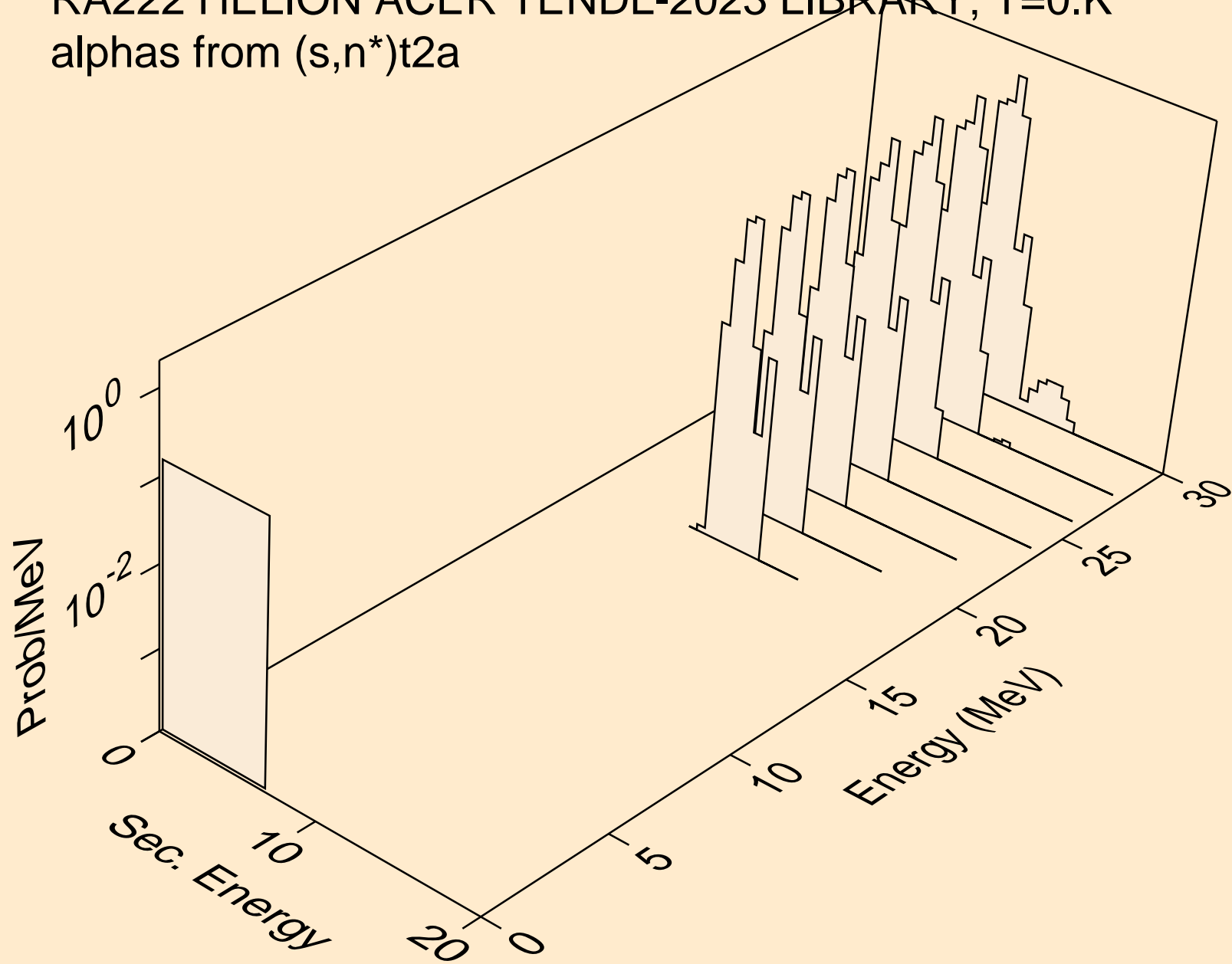
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alphas from (s,n\*)2a



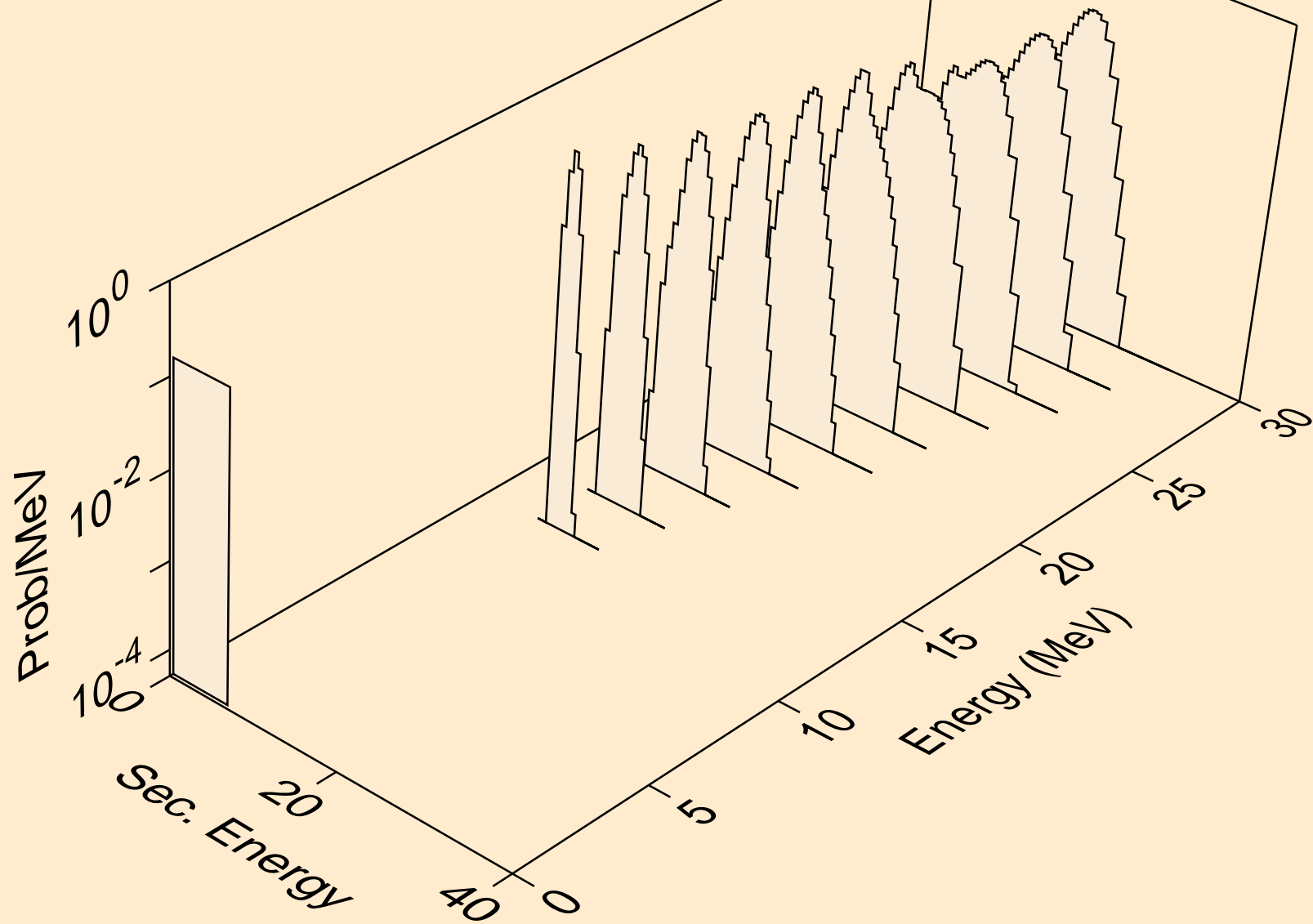
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alphas from (s,2n)2a



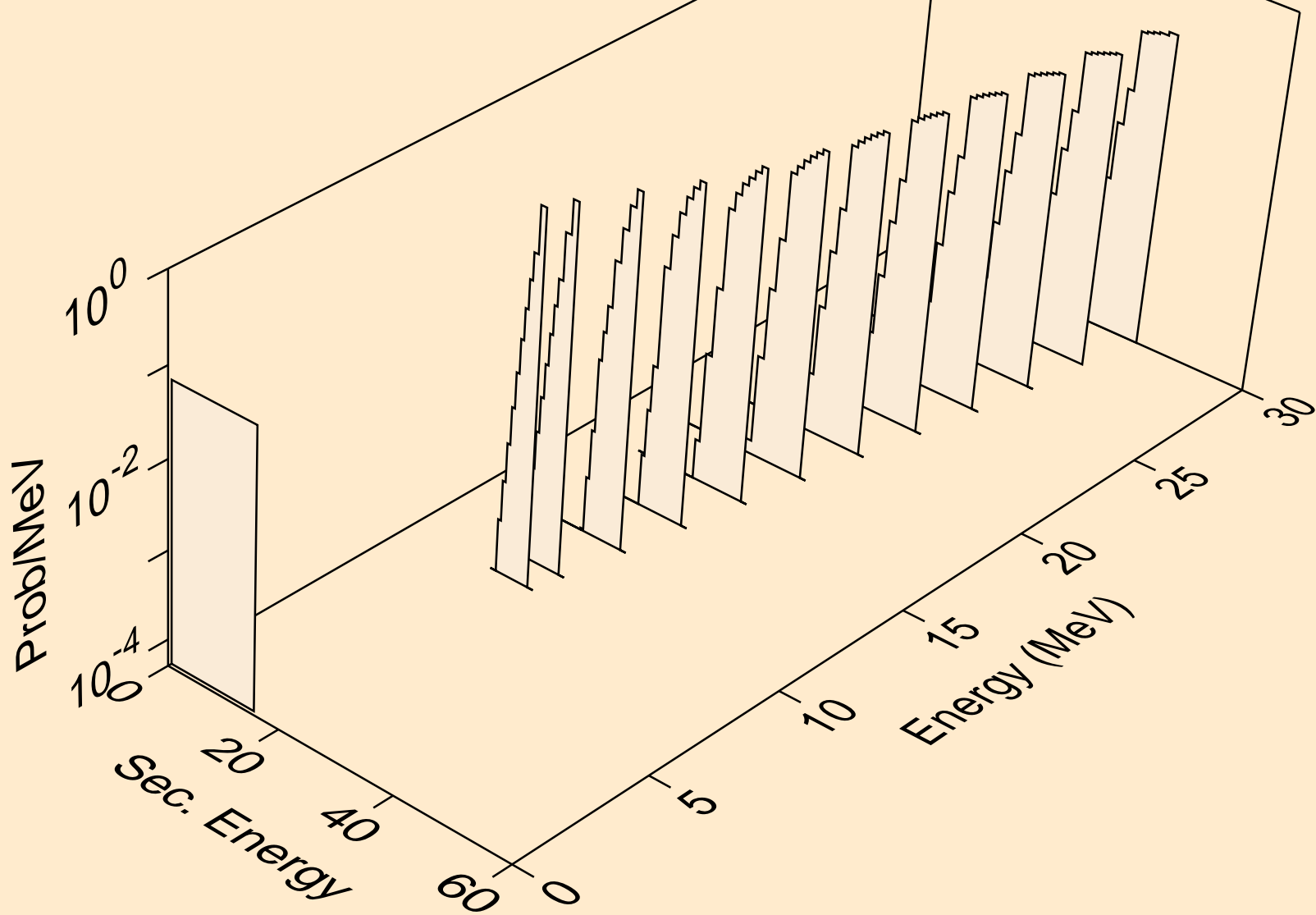
RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)t2a



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

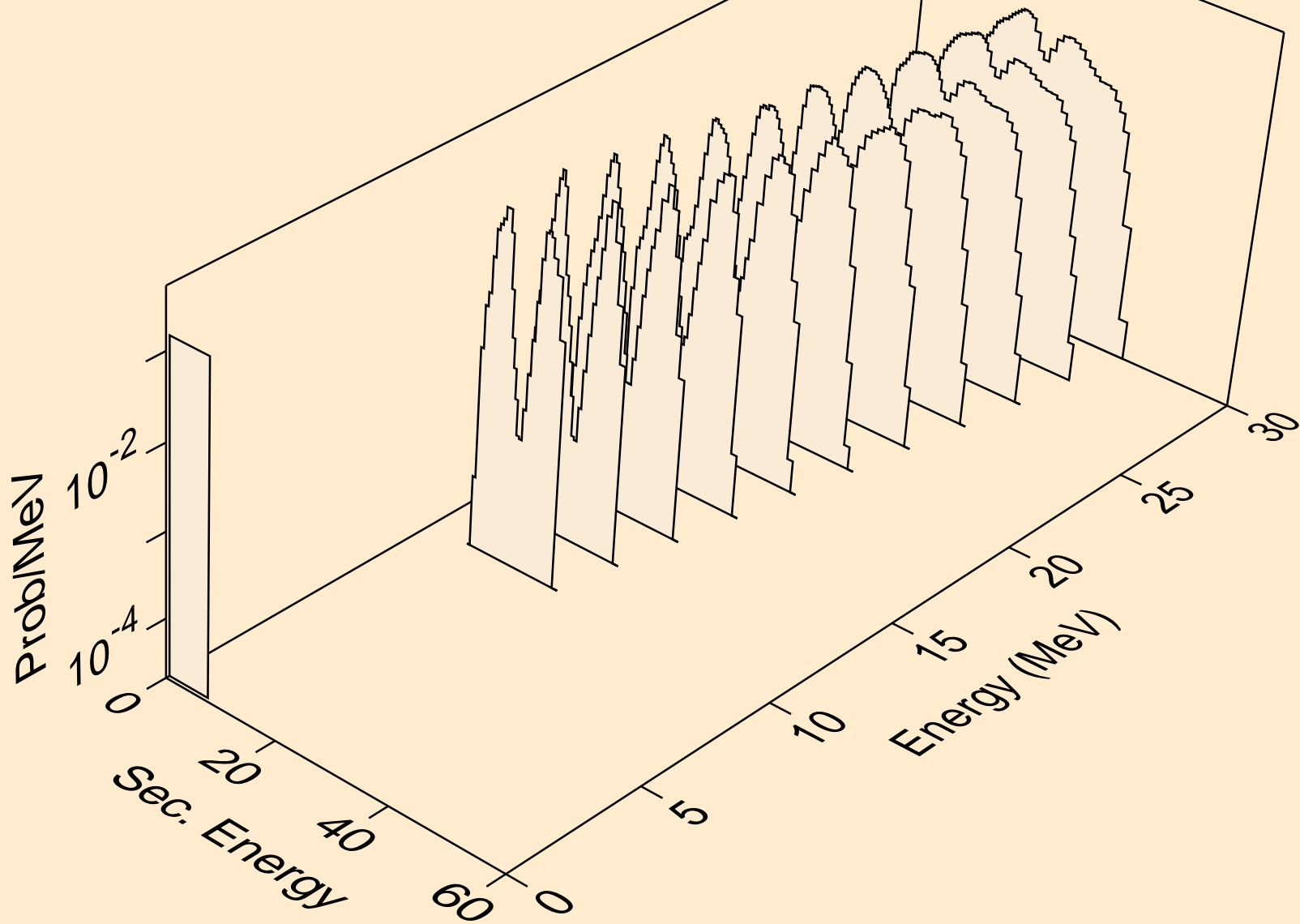


RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

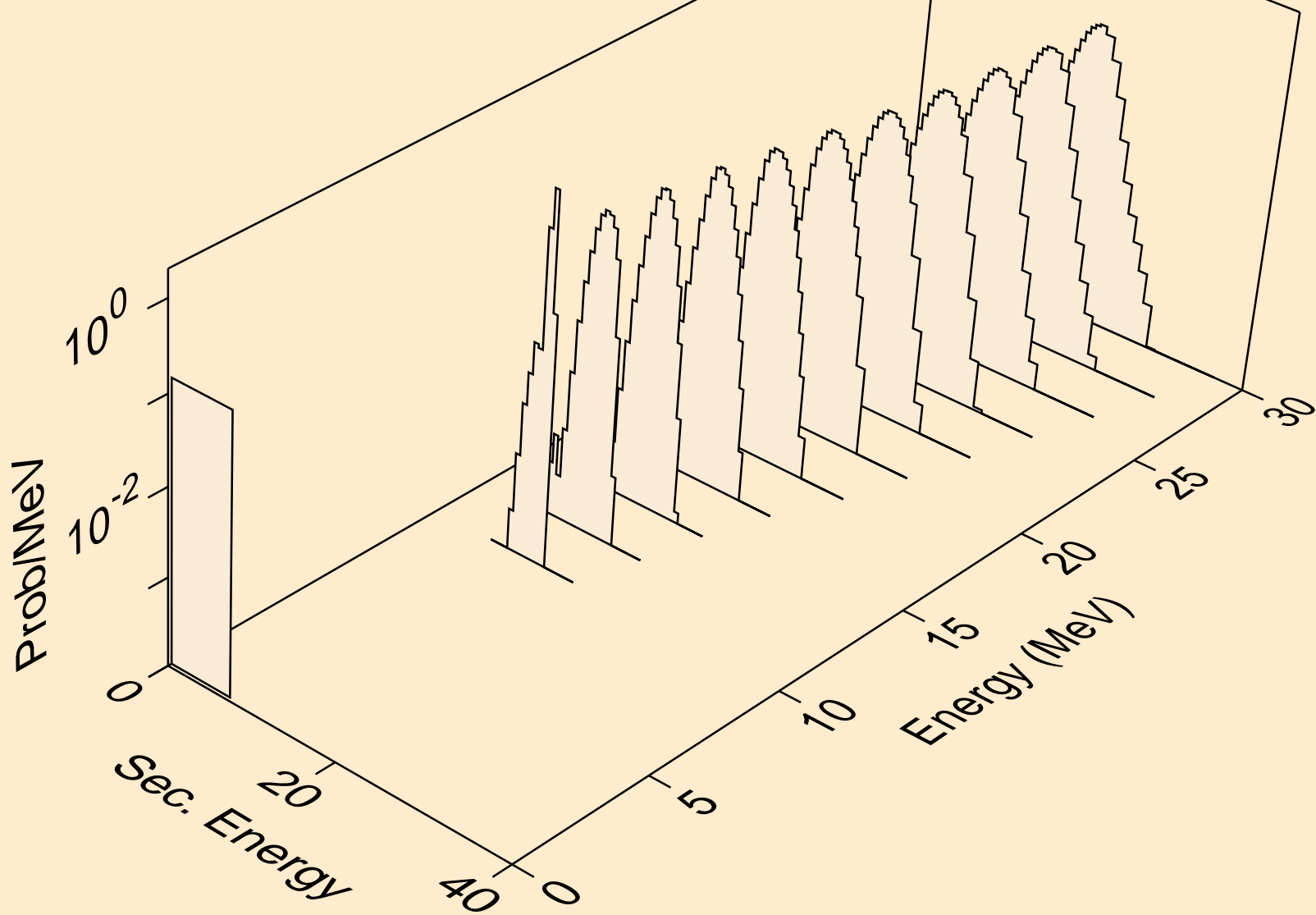




RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



RA222 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

