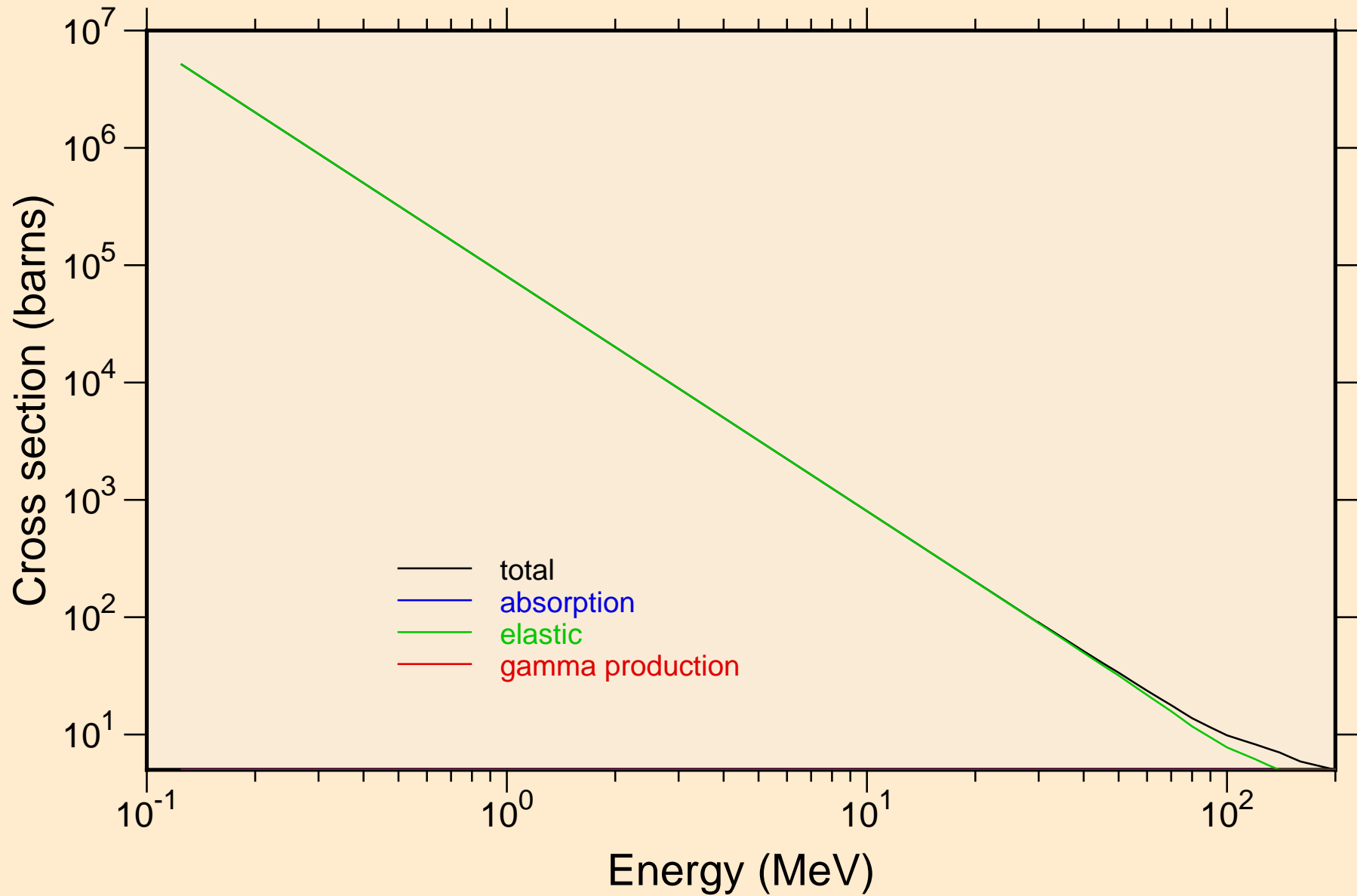
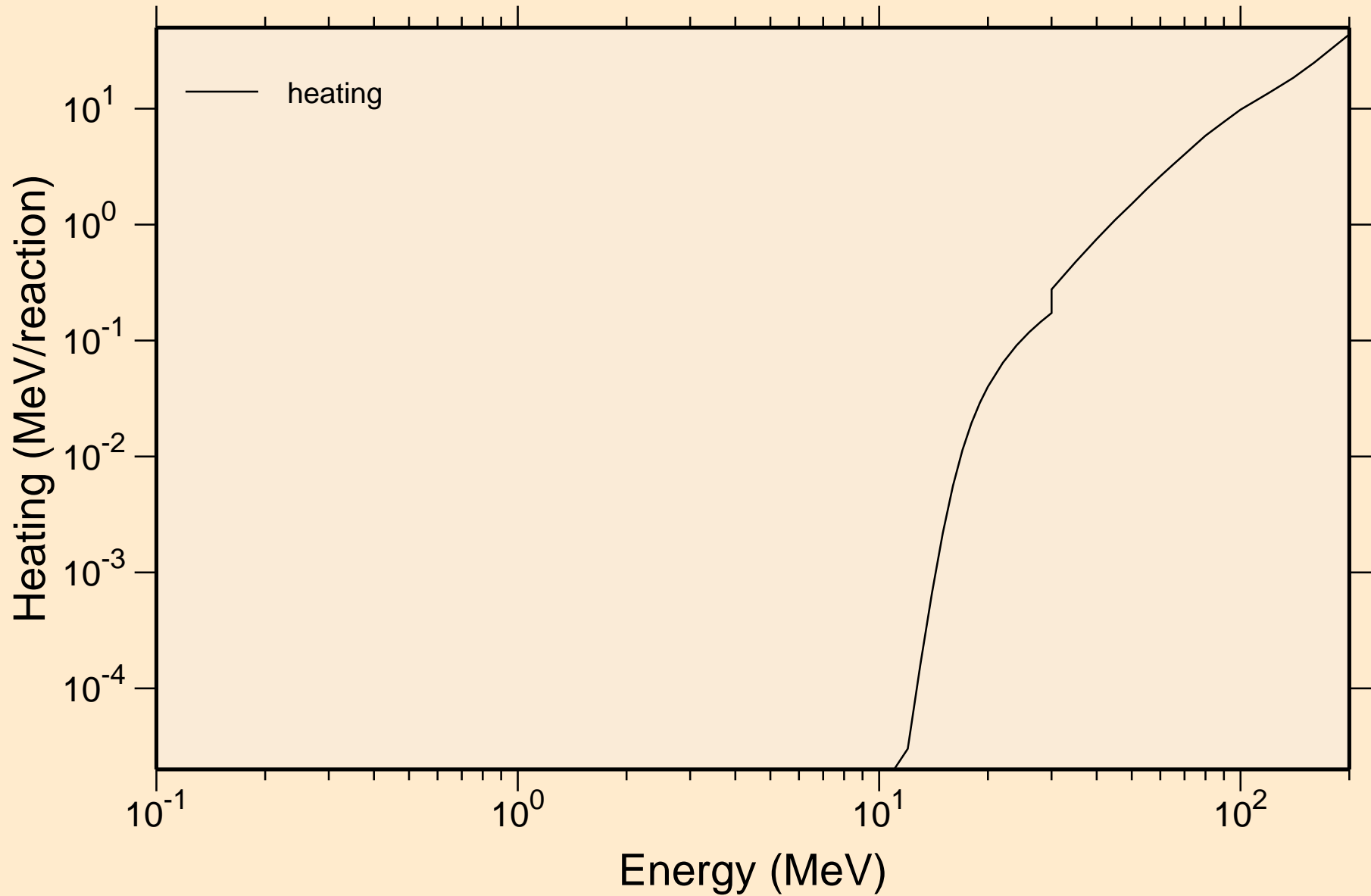


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



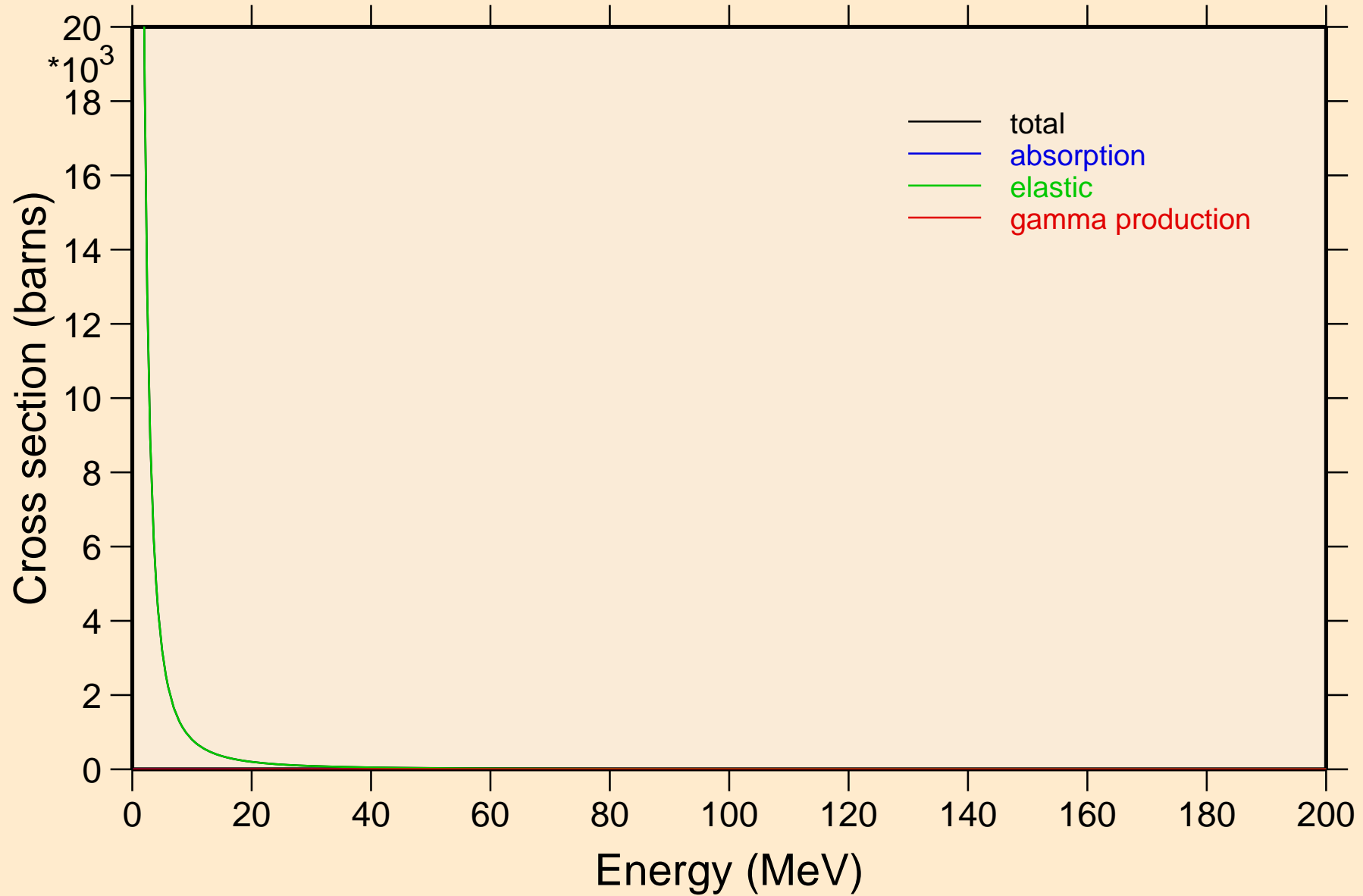
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



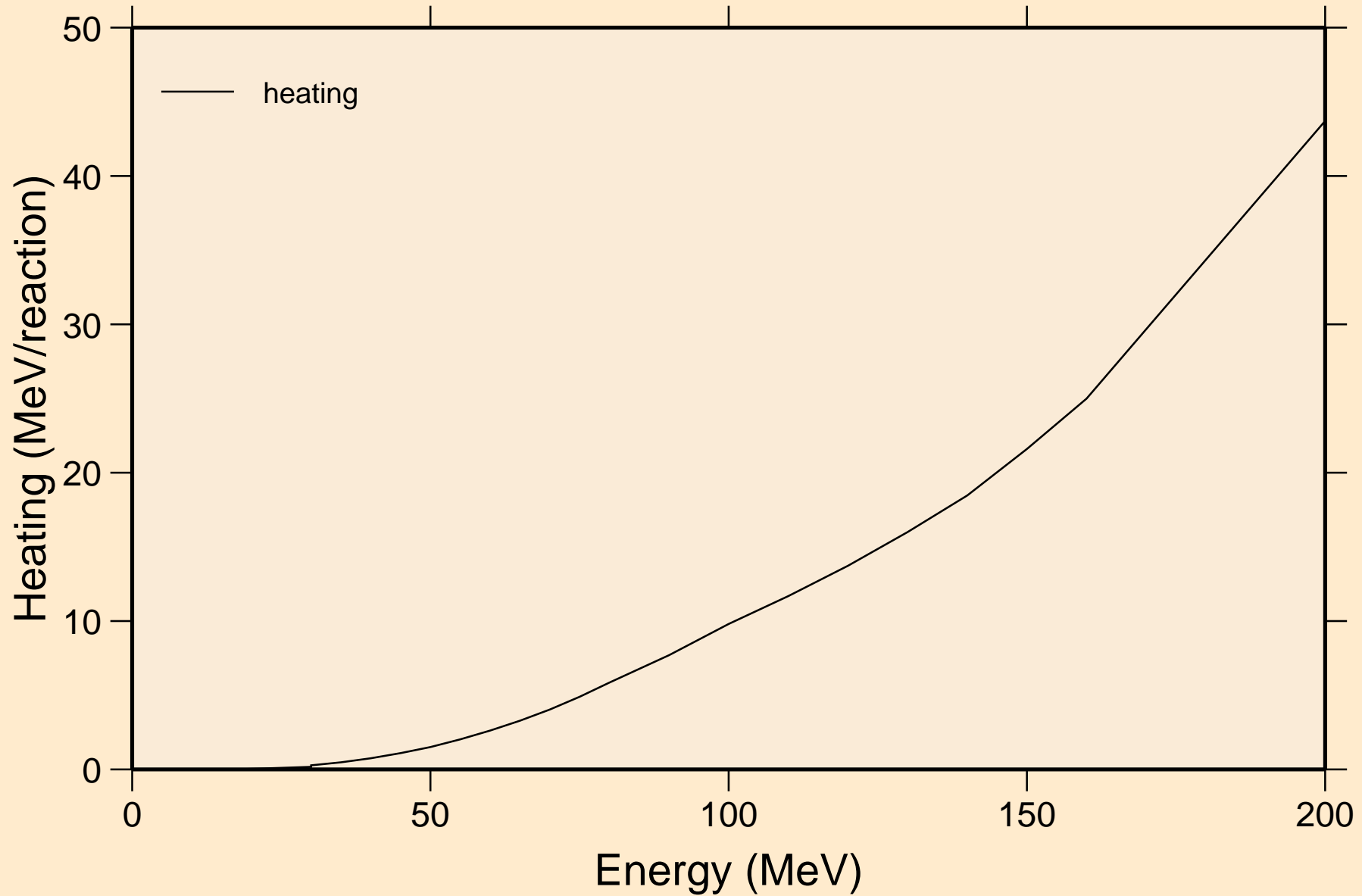
# BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

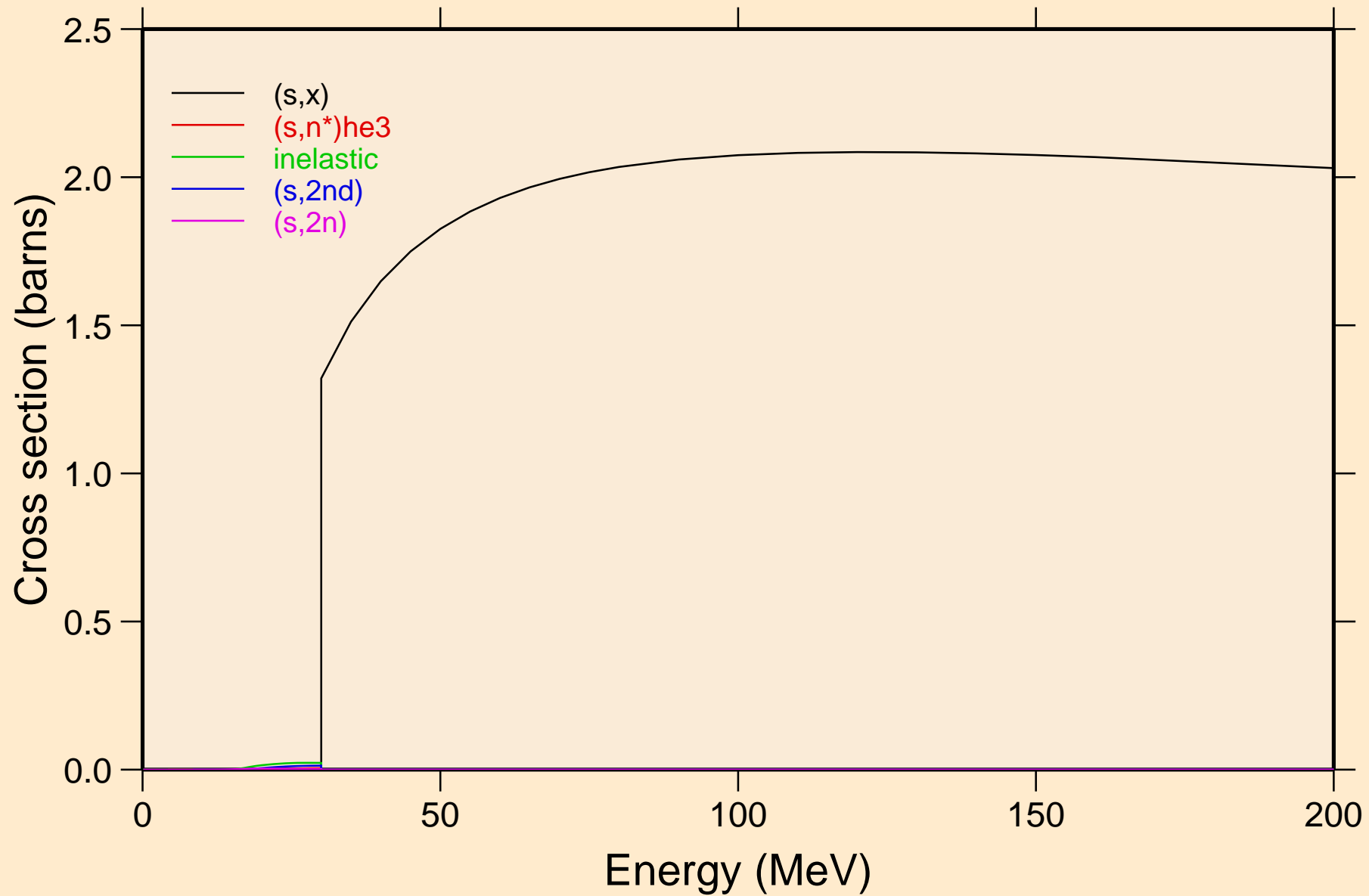


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K

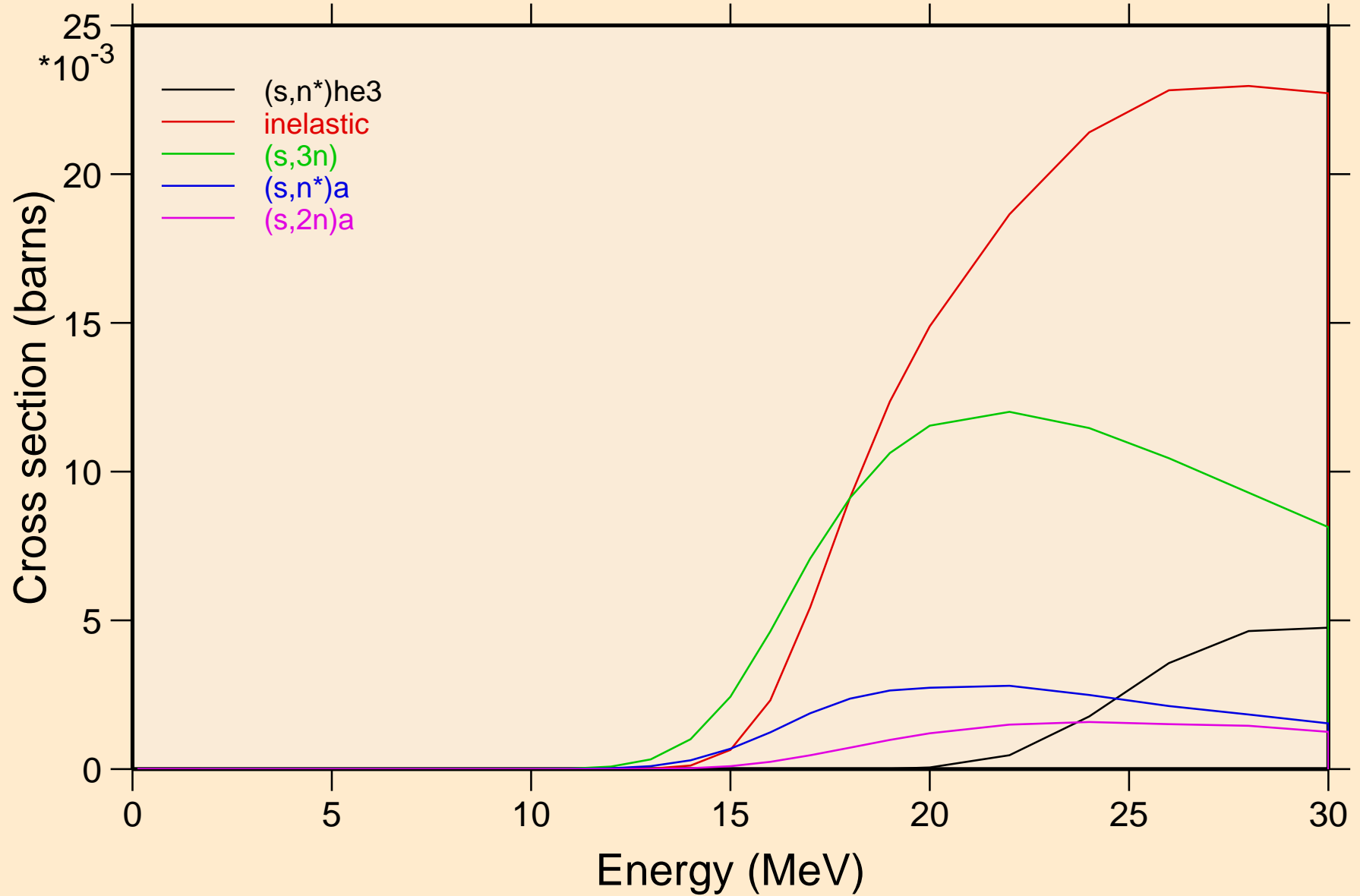
Heating



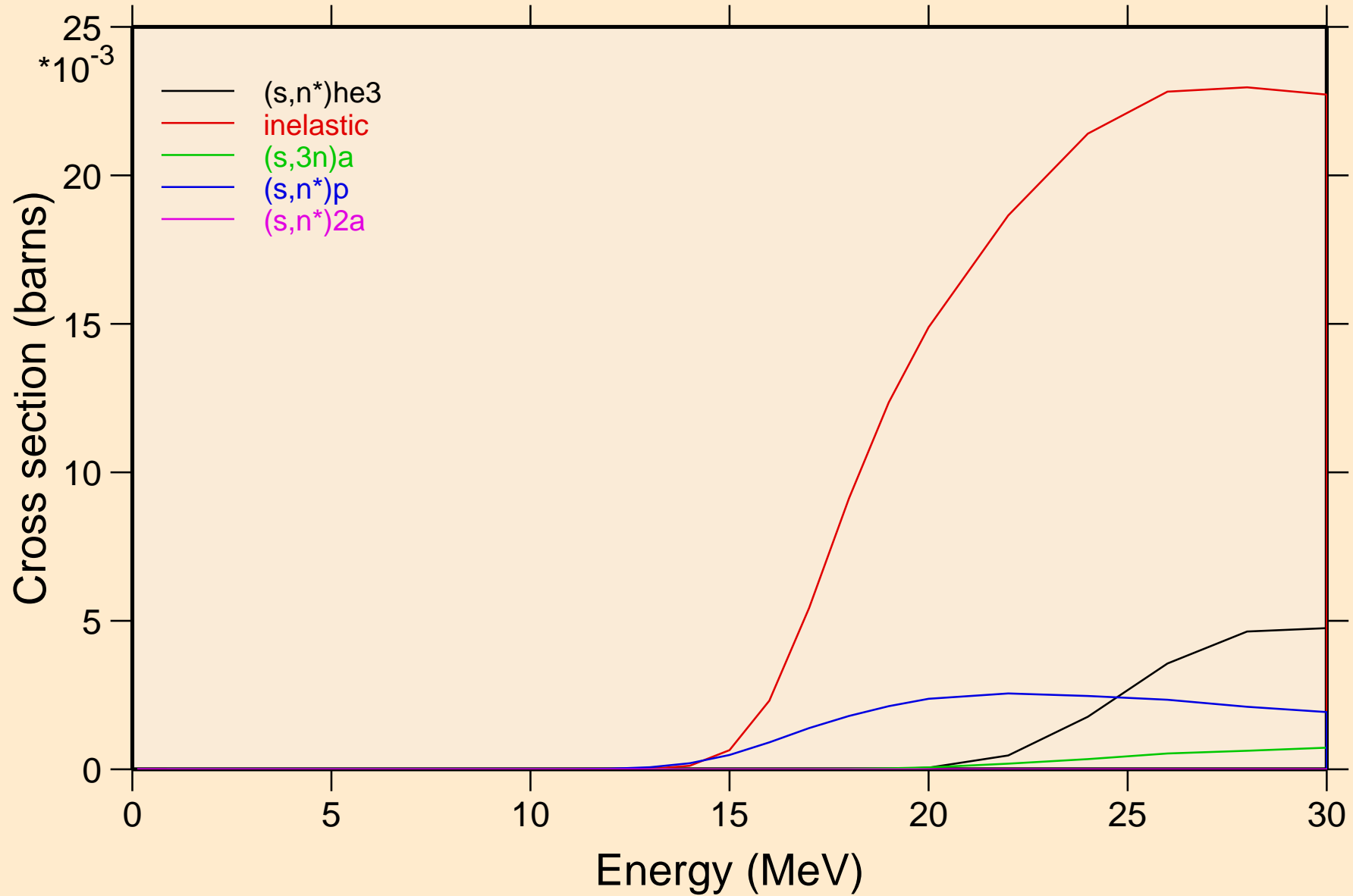
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Threshold reactions



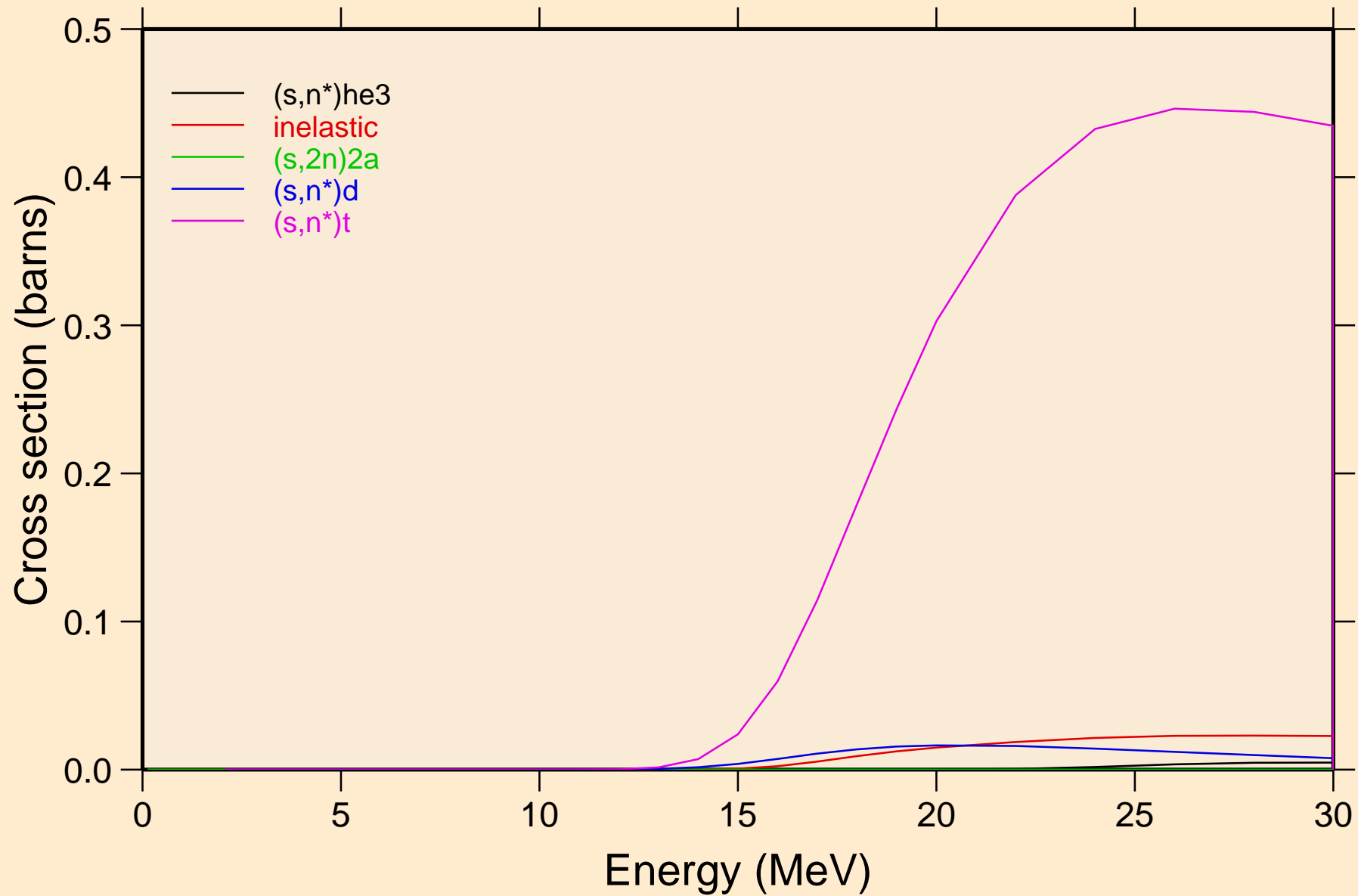
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

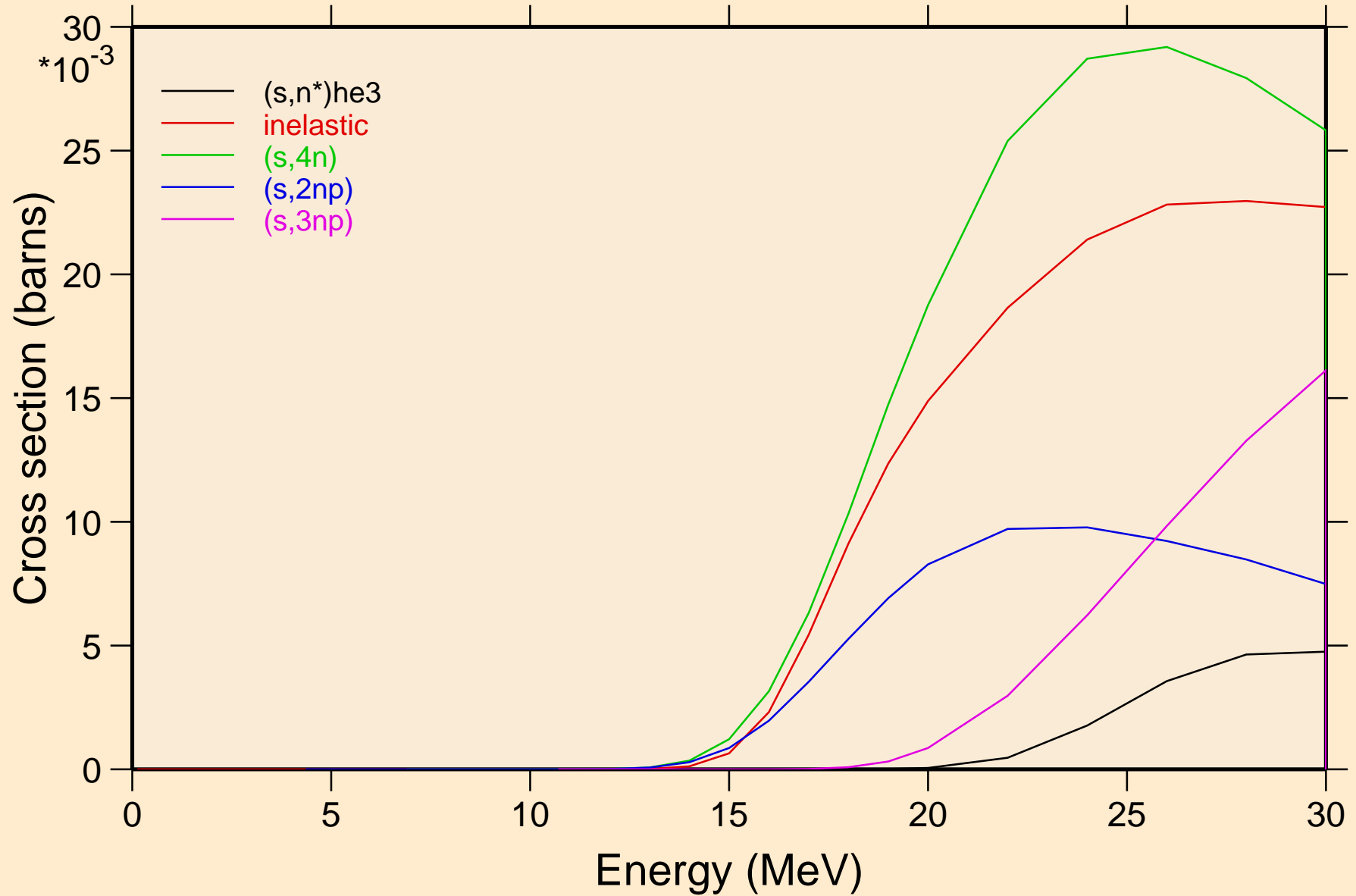


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

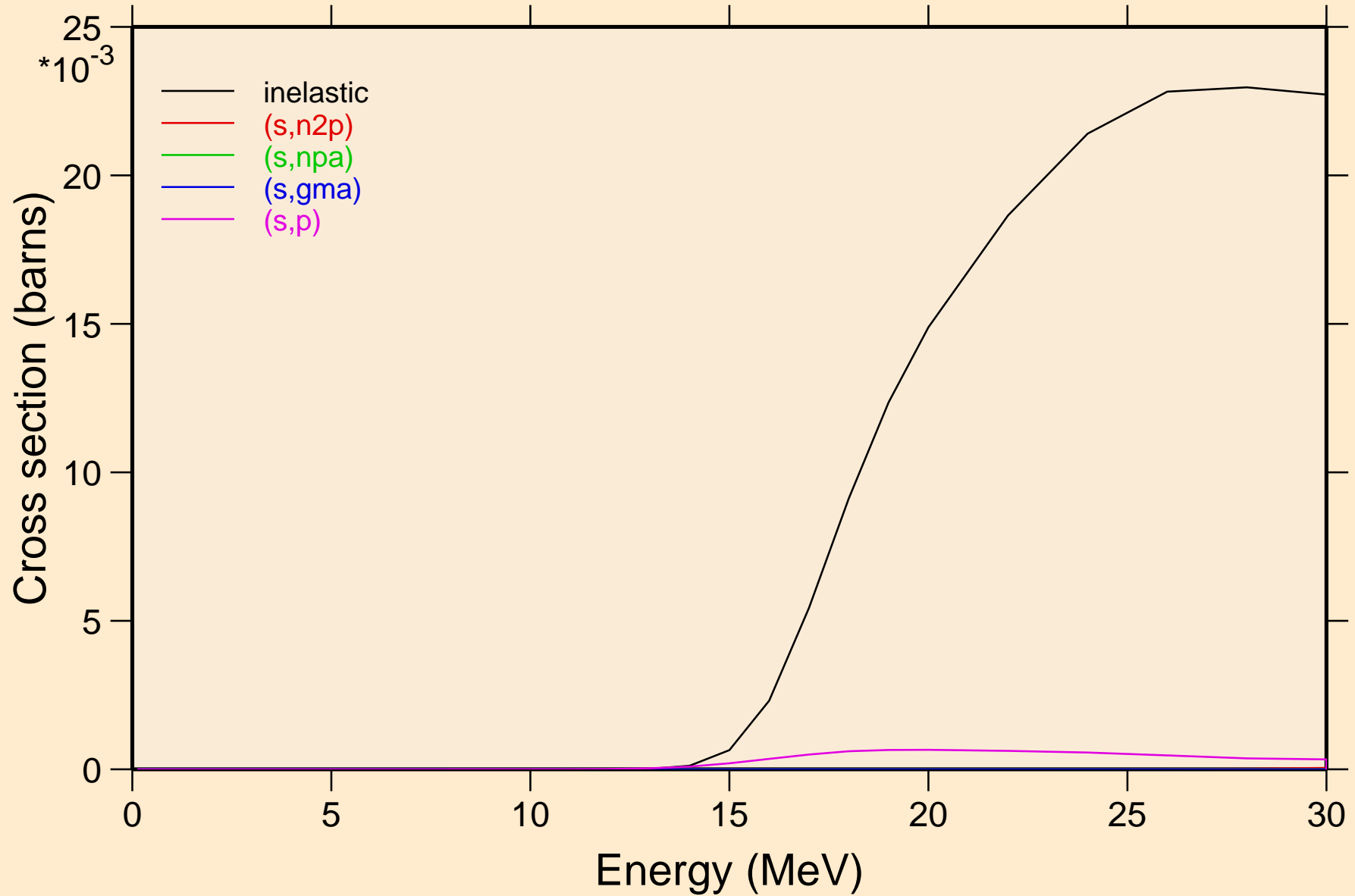




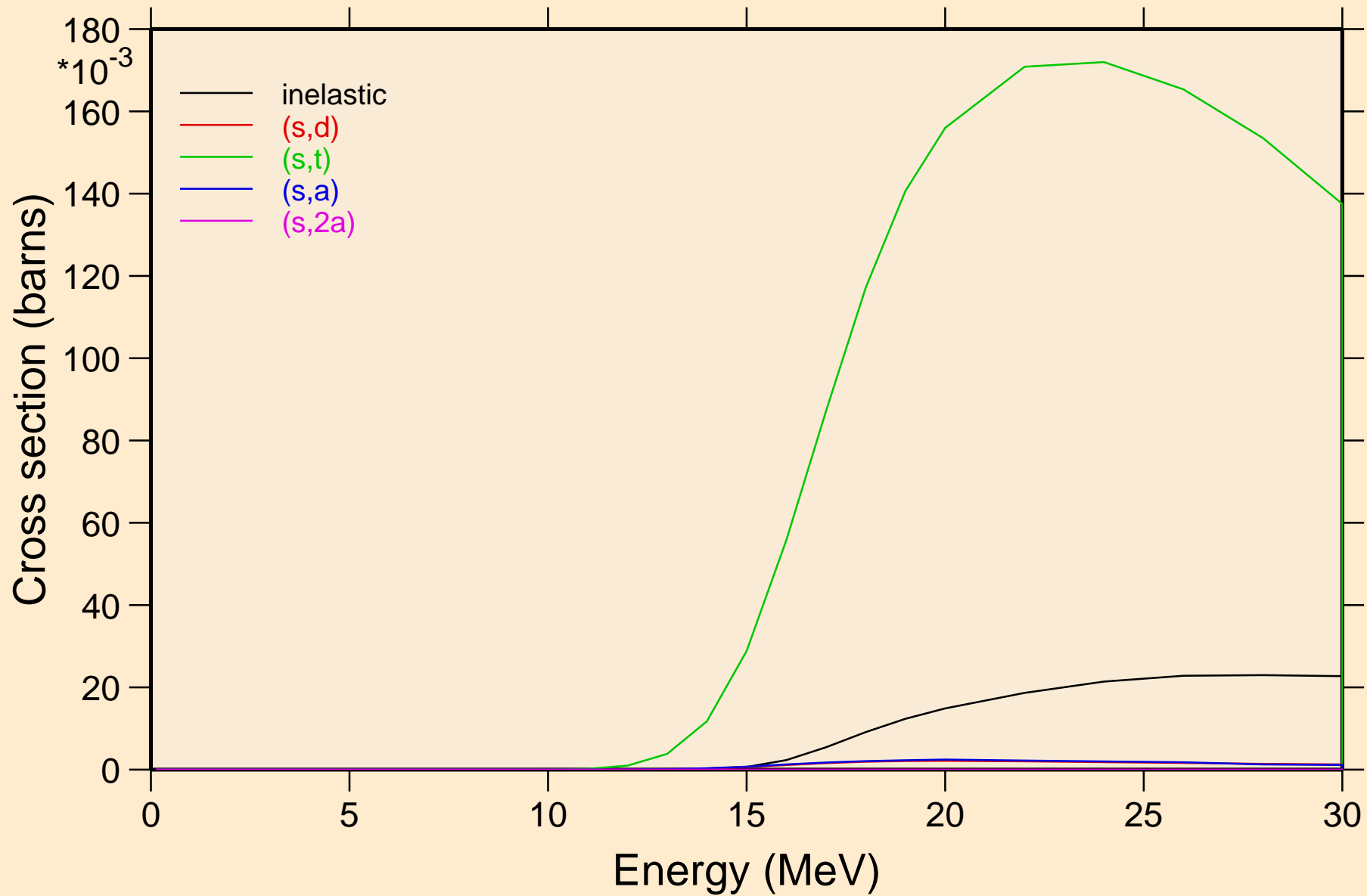
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Threshold reactions



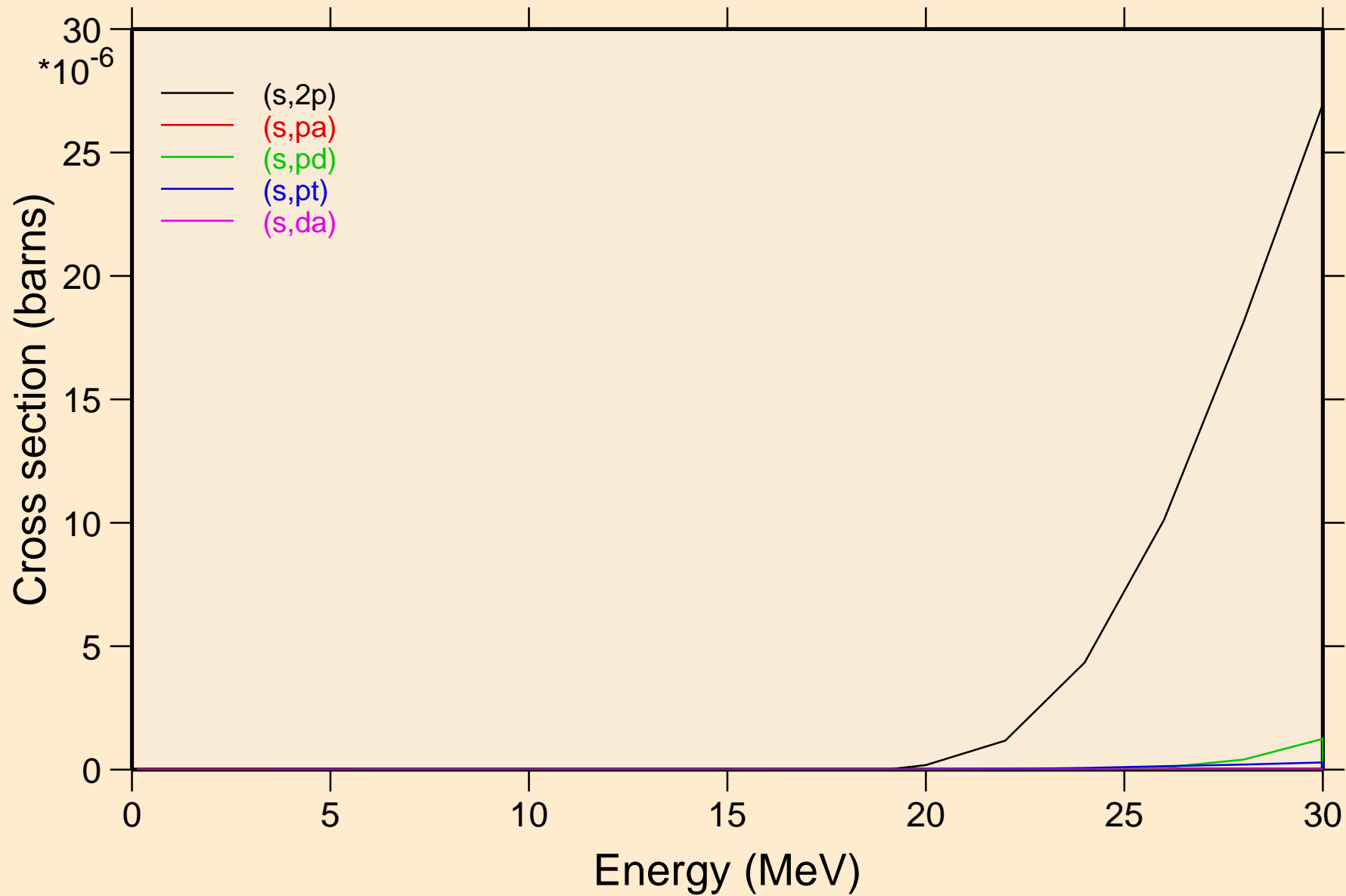
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Threshold reactions



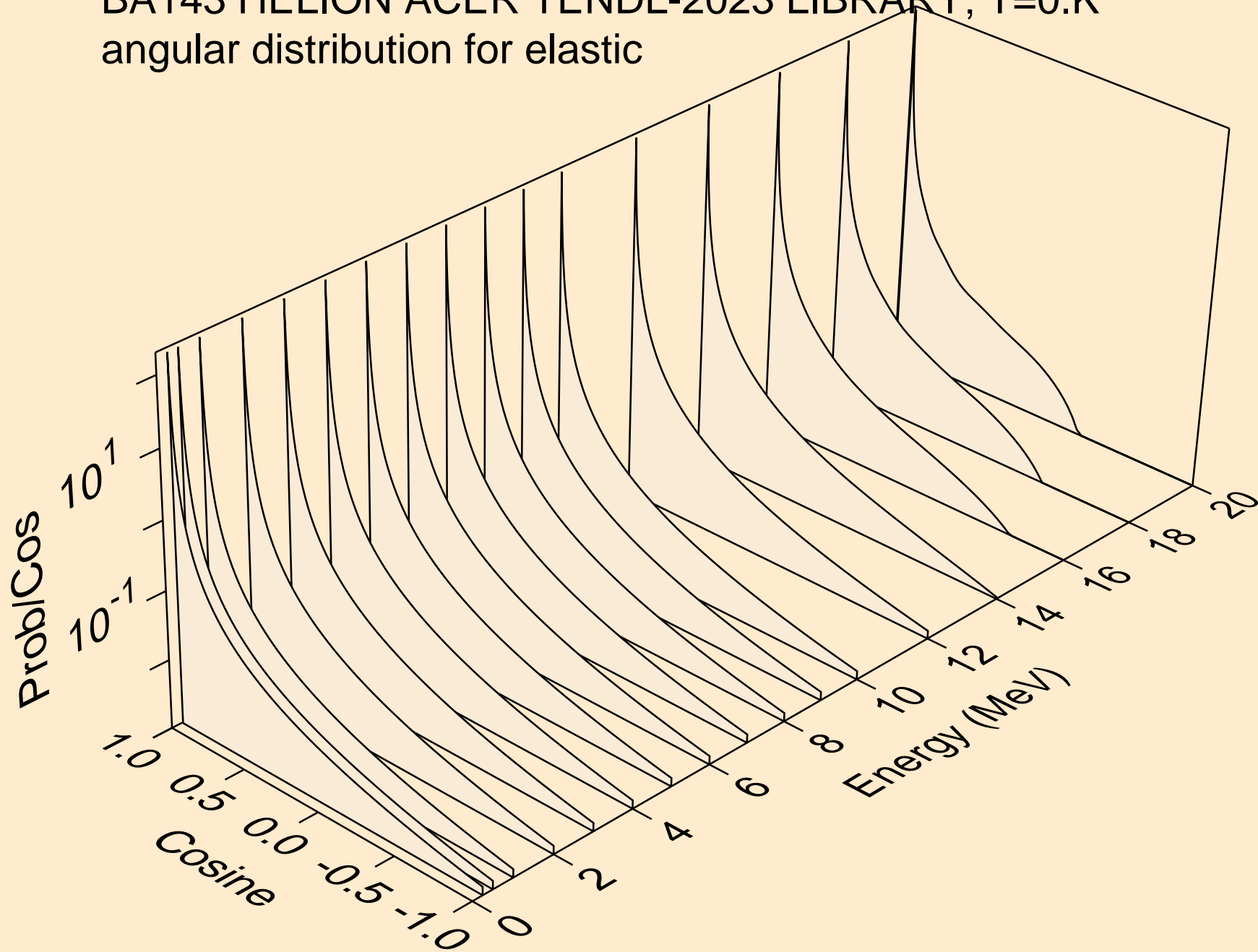
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Threshold reactions



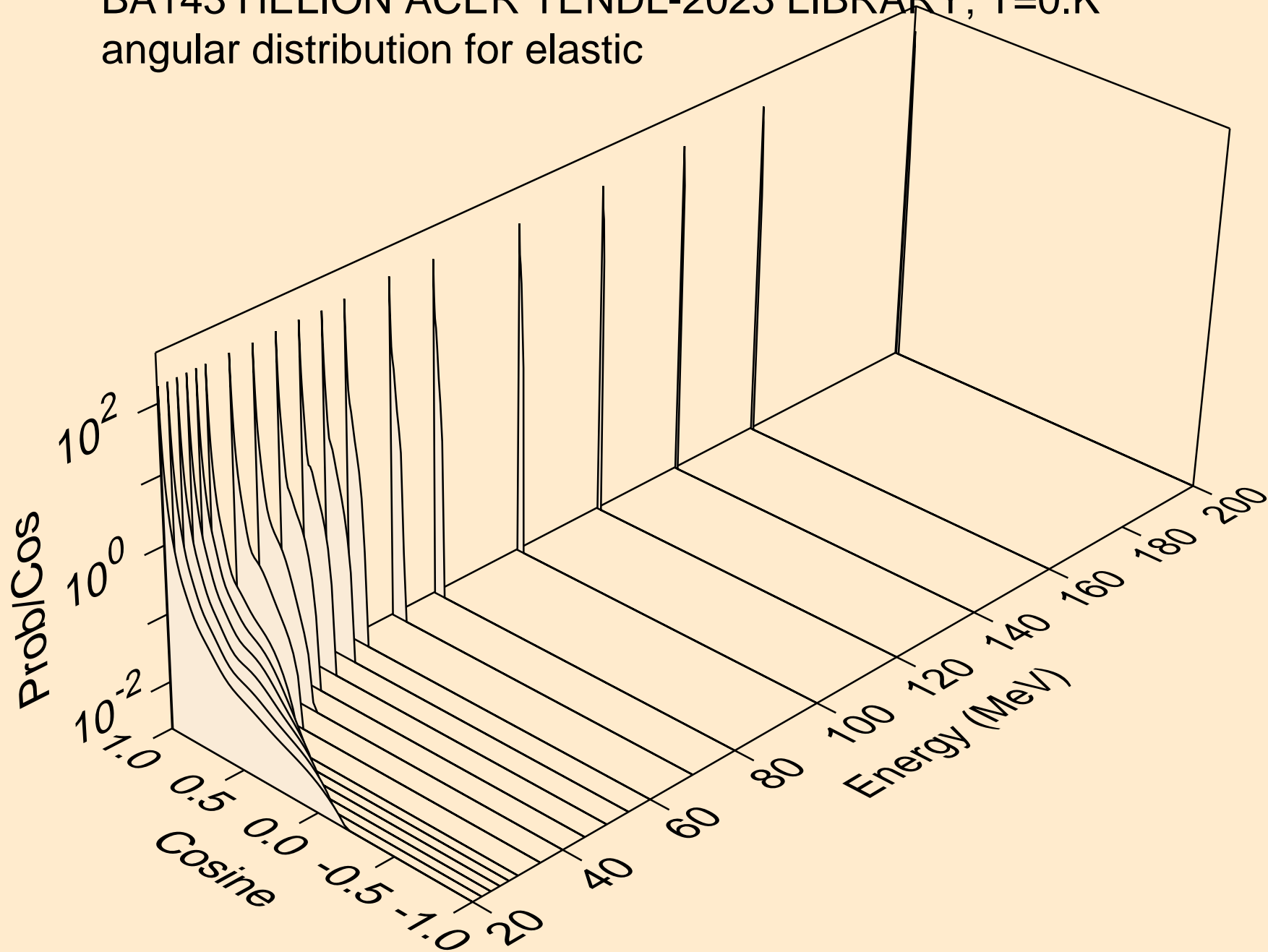
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



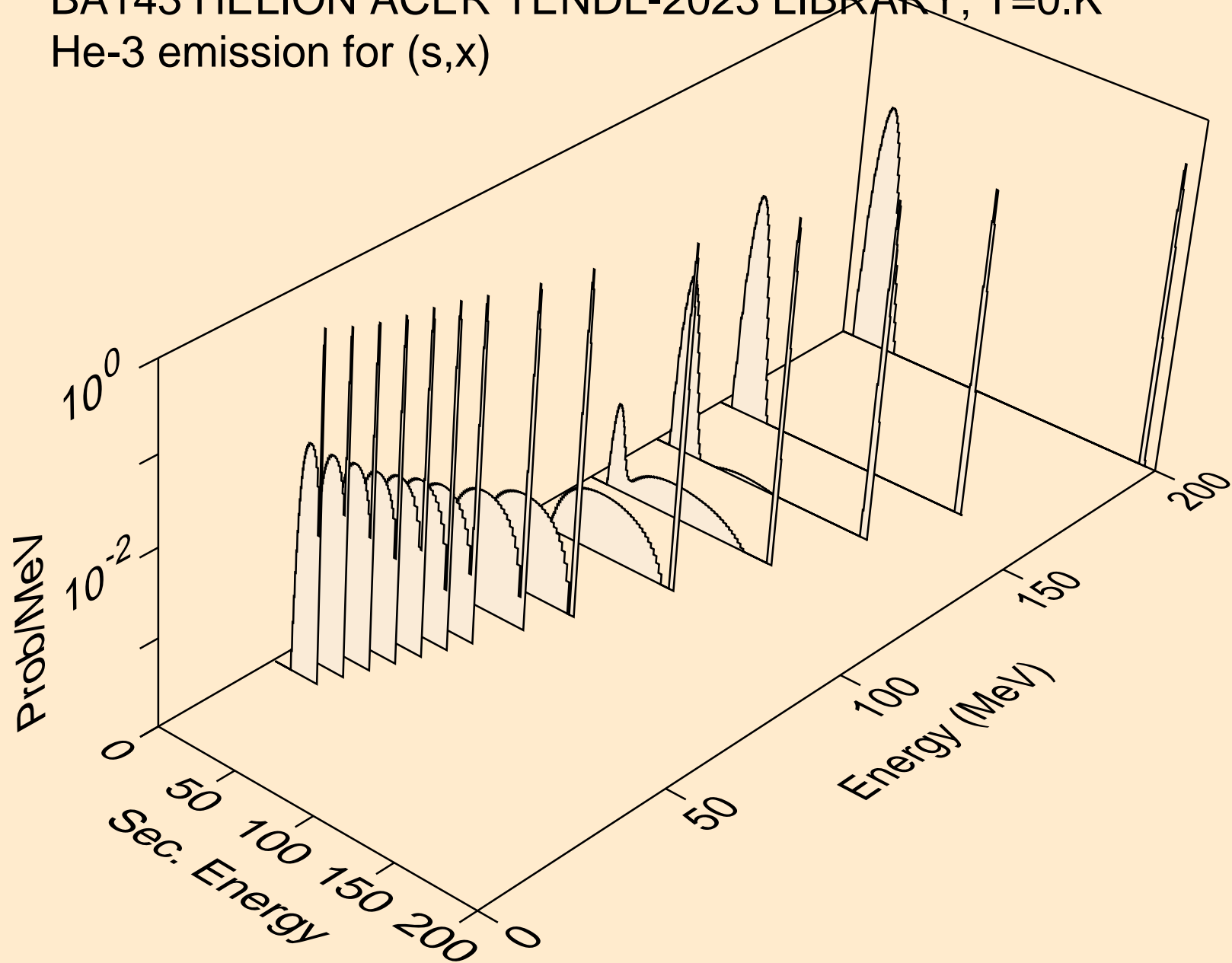
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



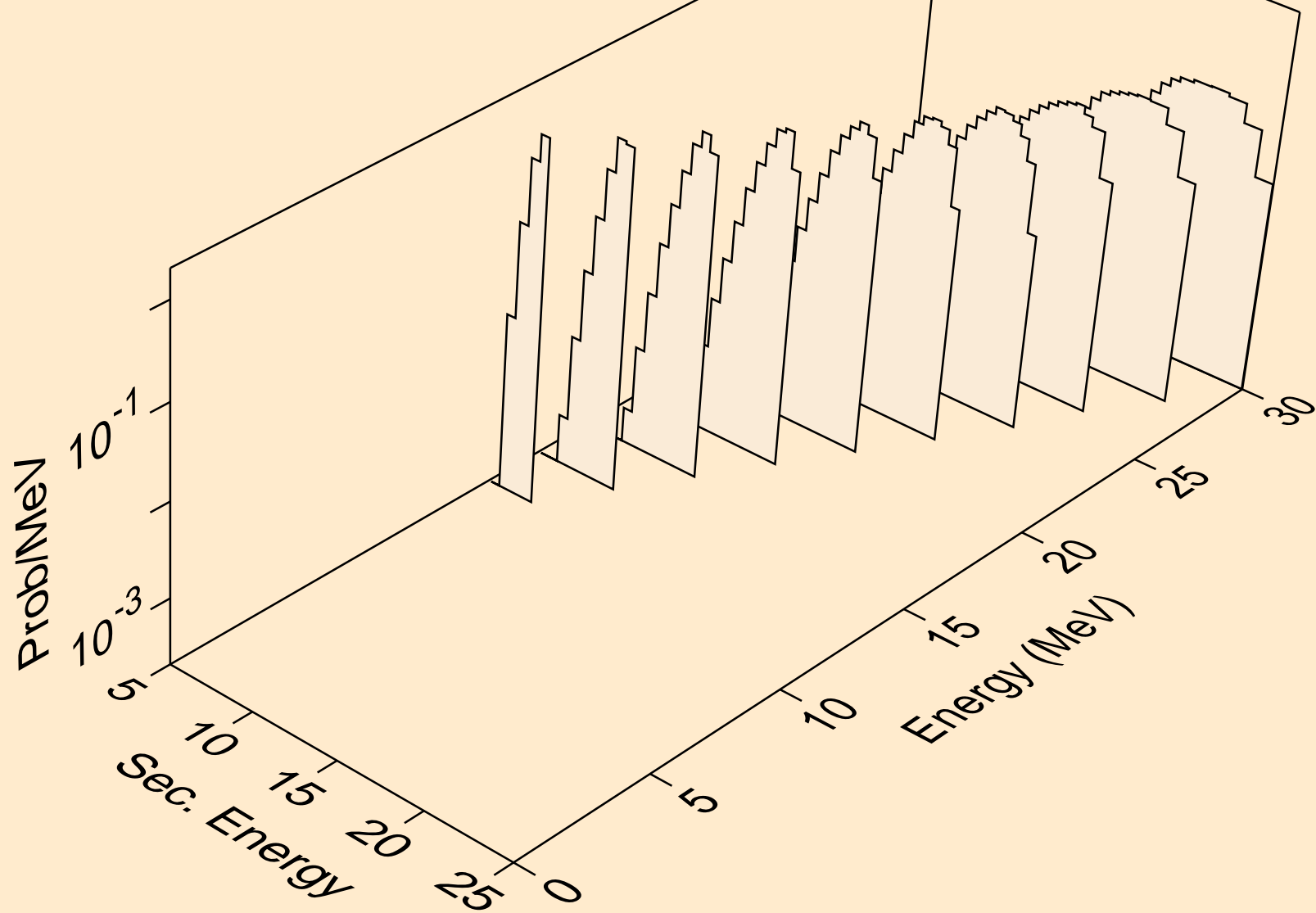
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

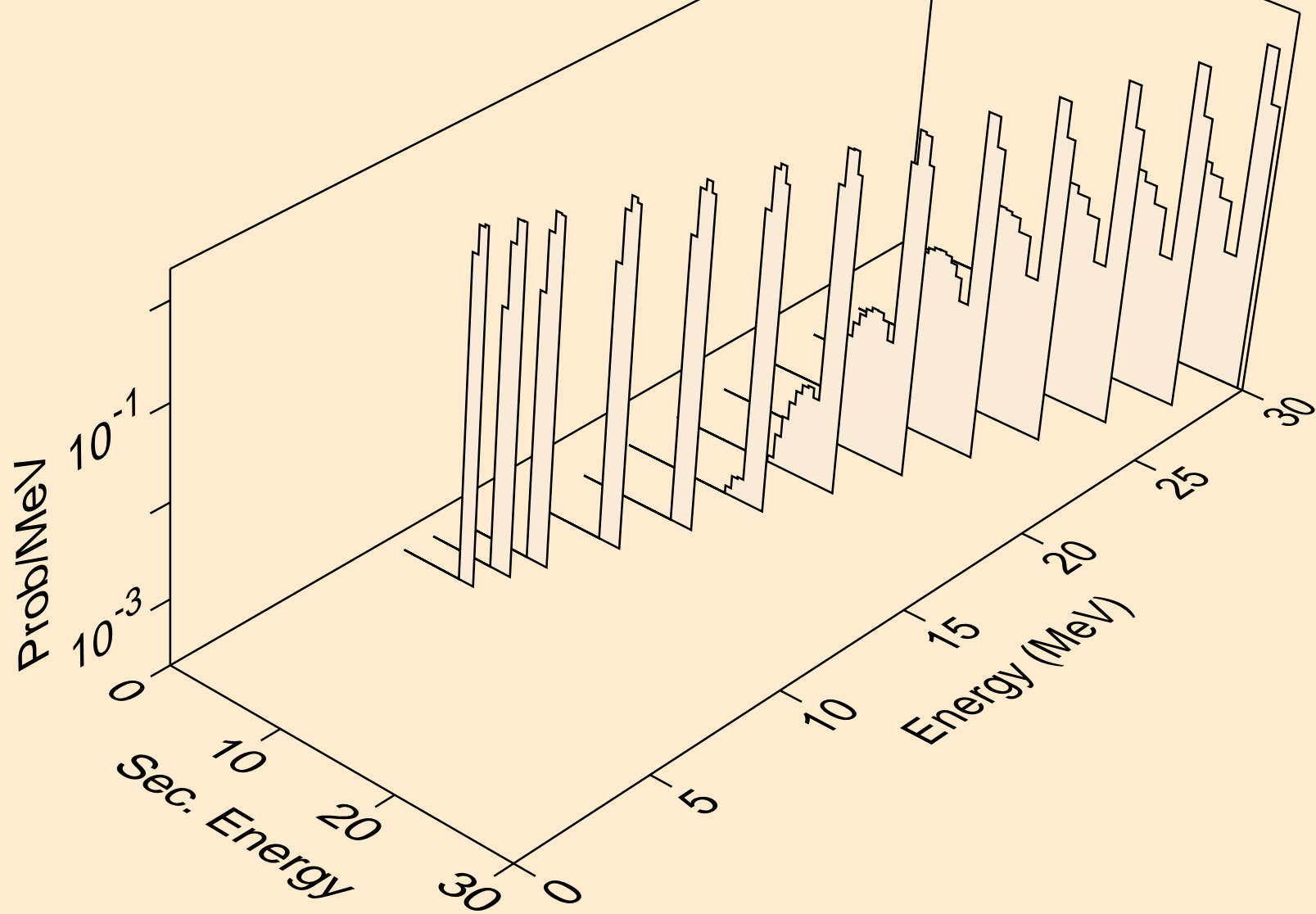


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

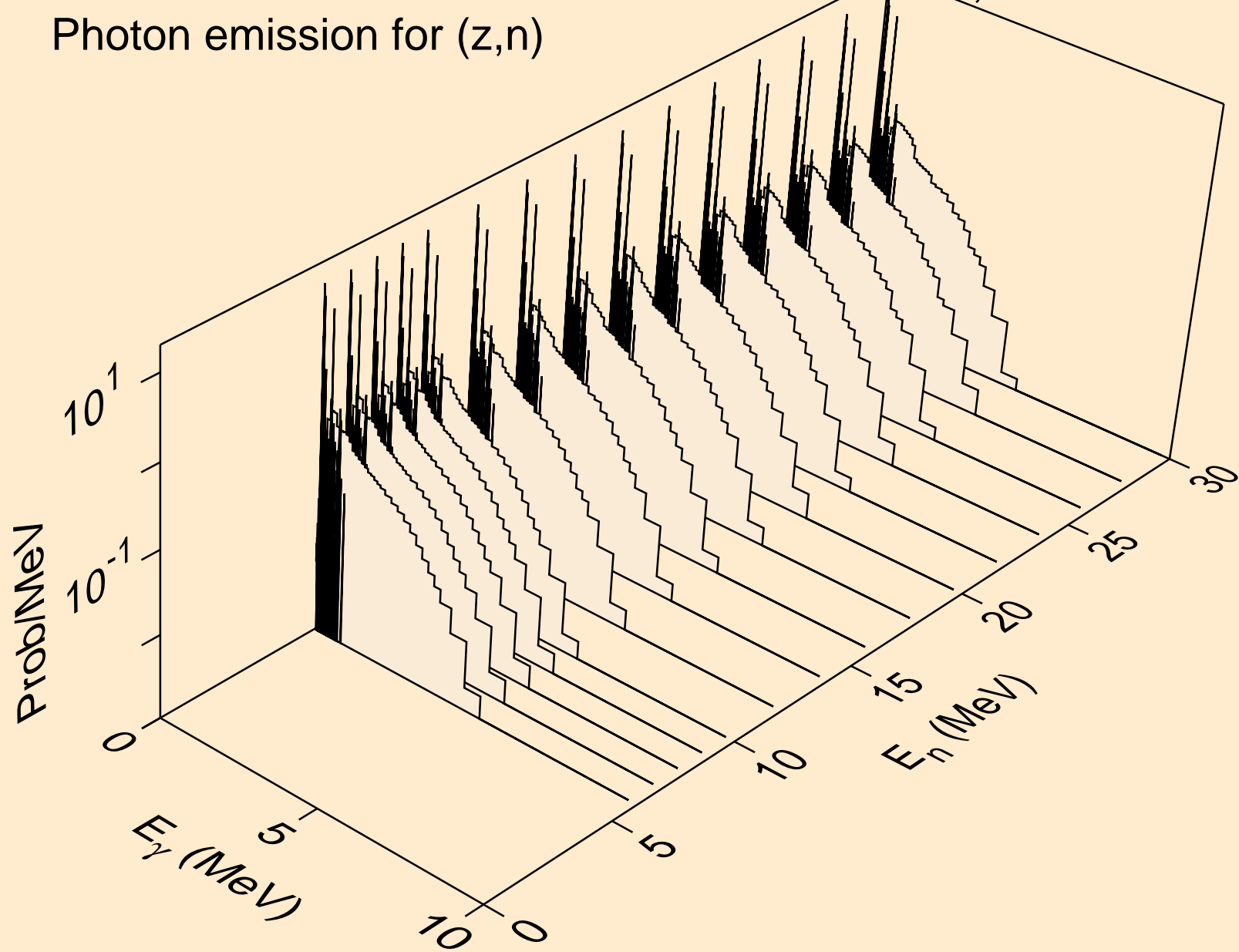




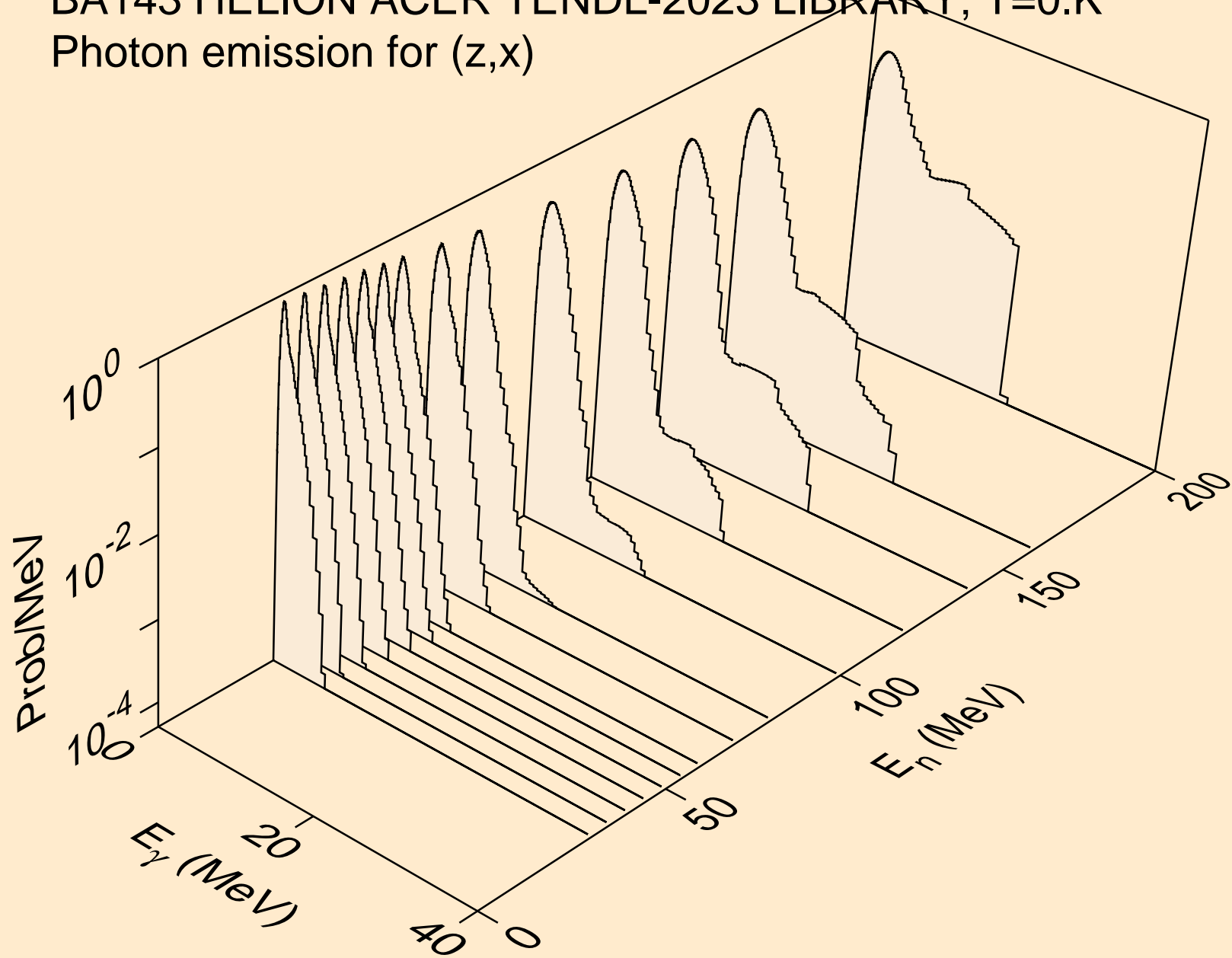
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



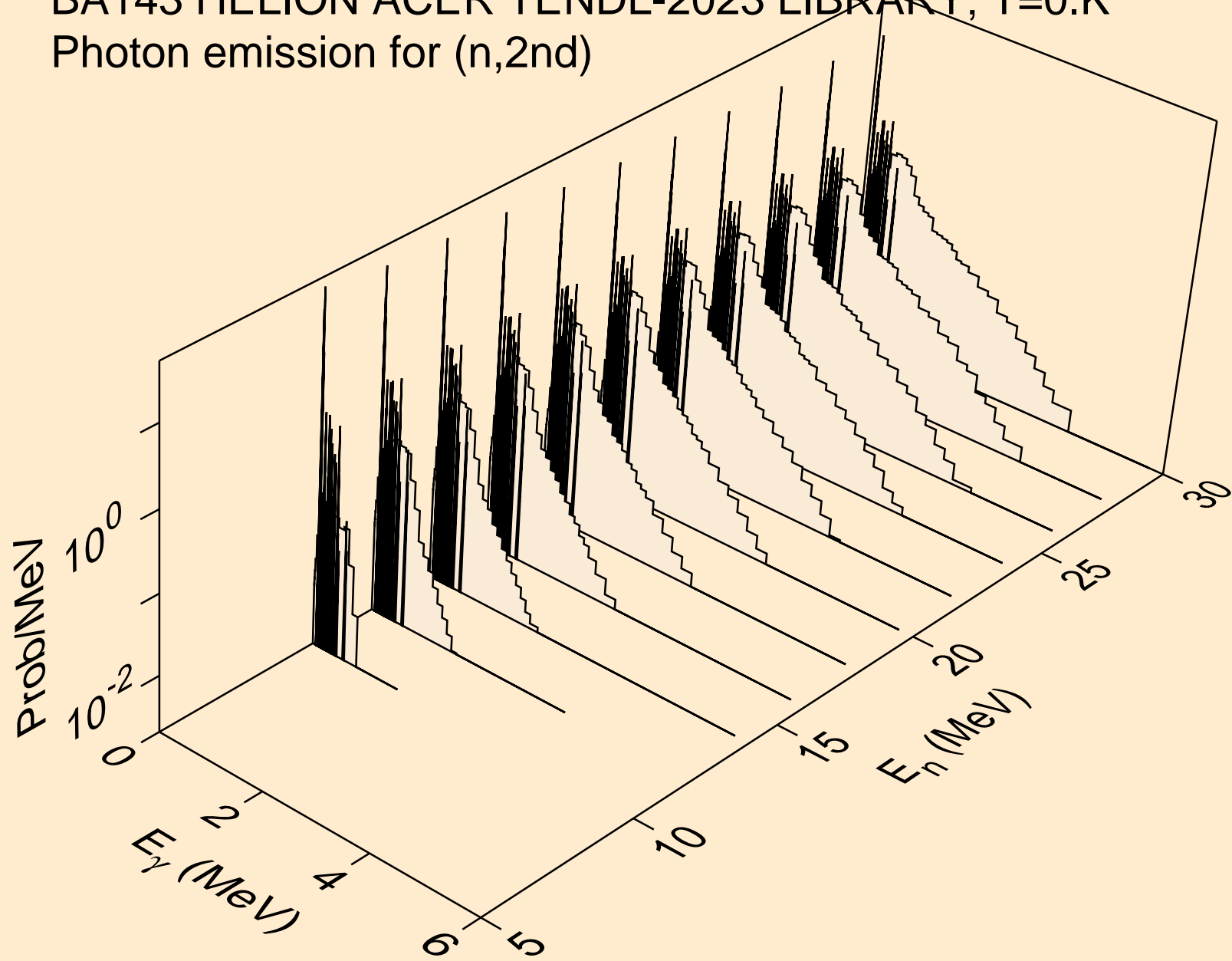
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



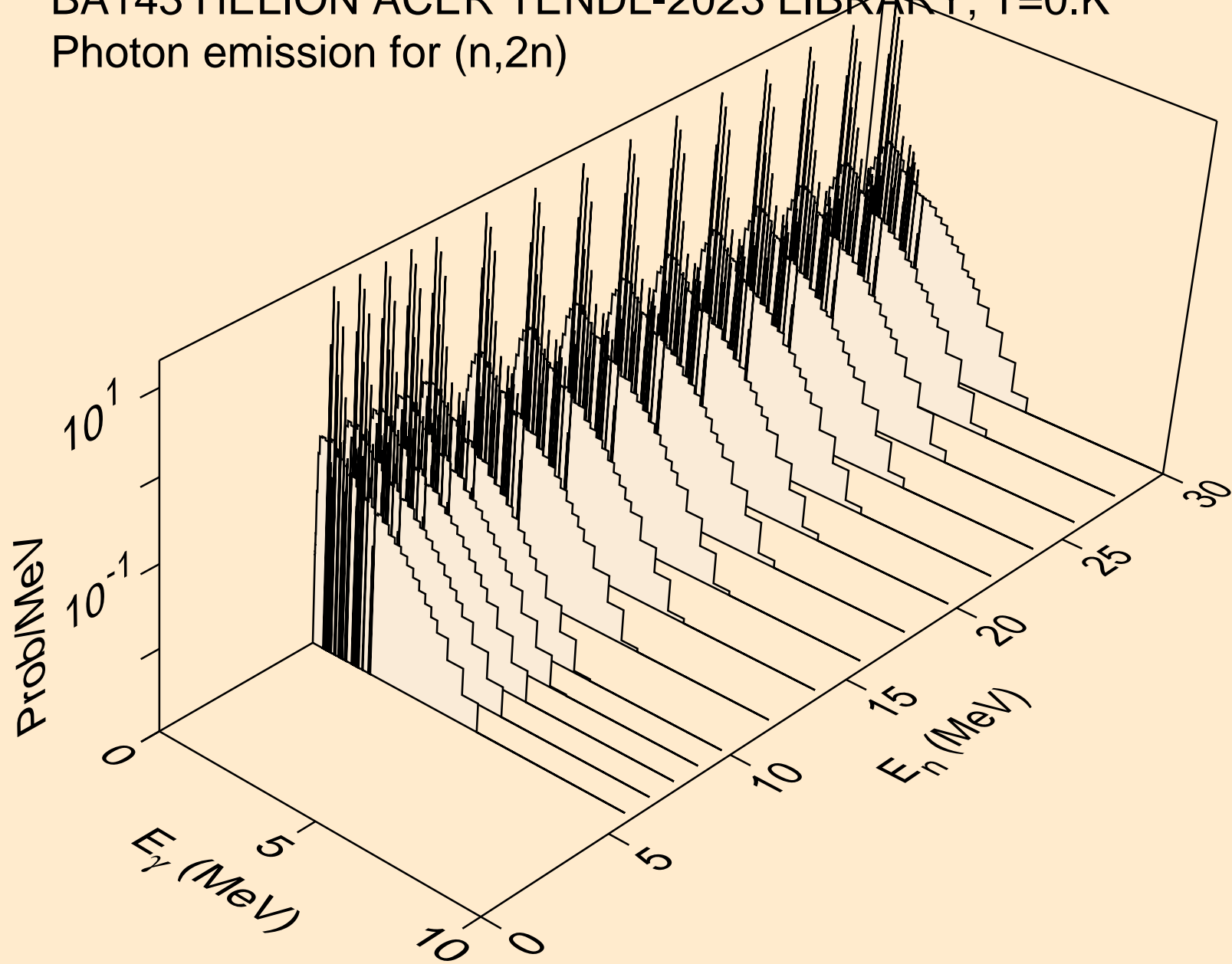
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Photon emission for (z,x)



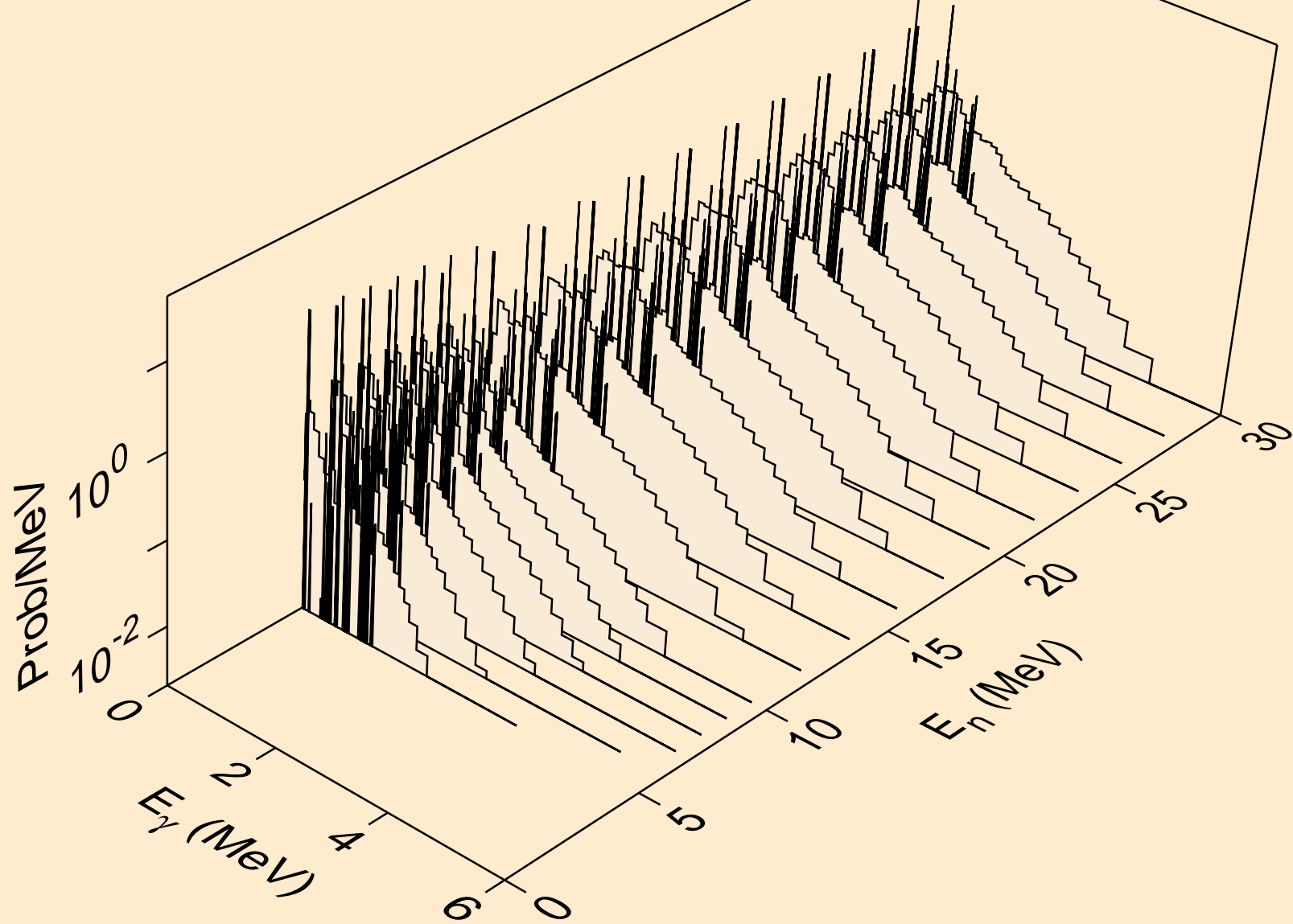
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



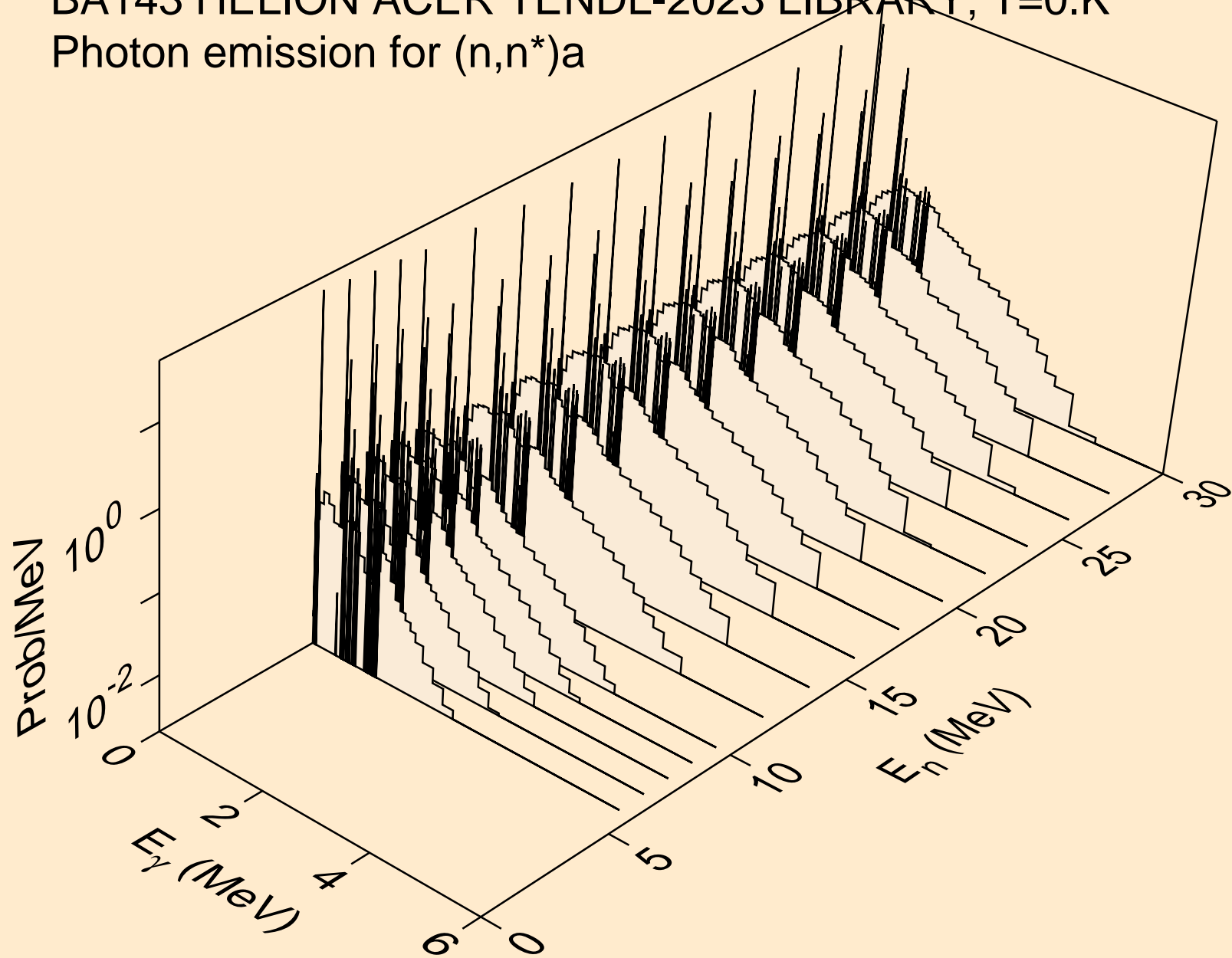
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



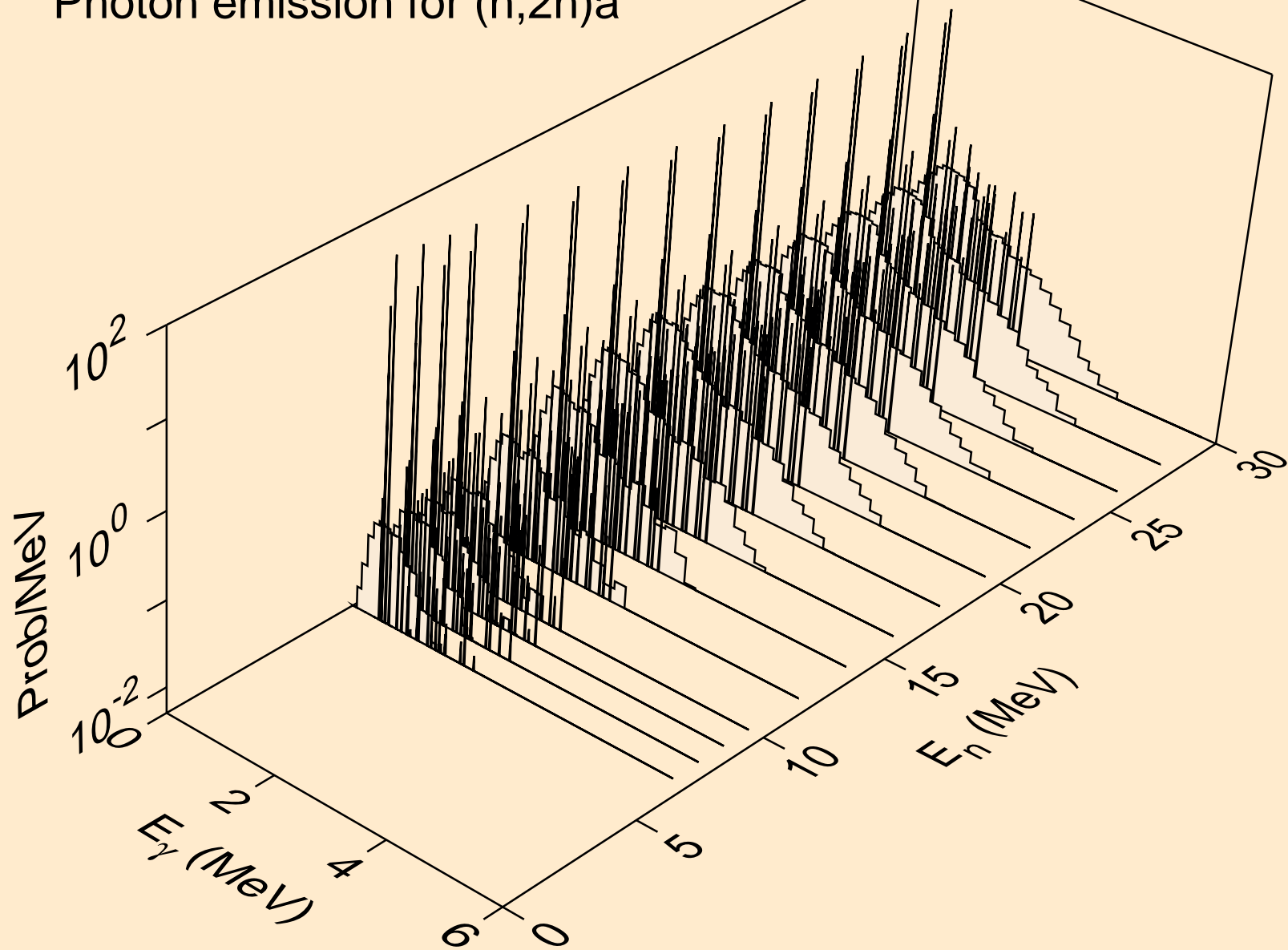
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

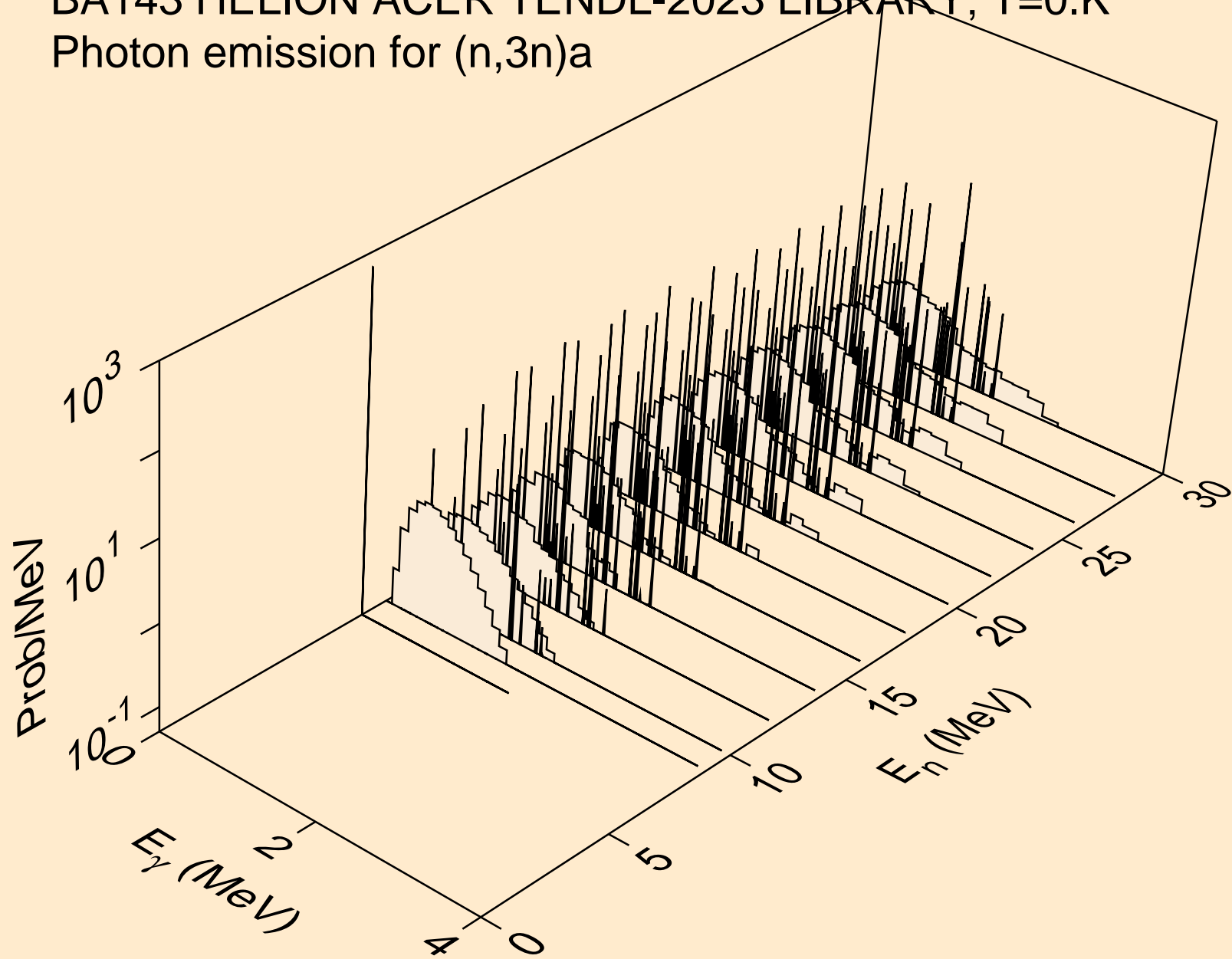


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

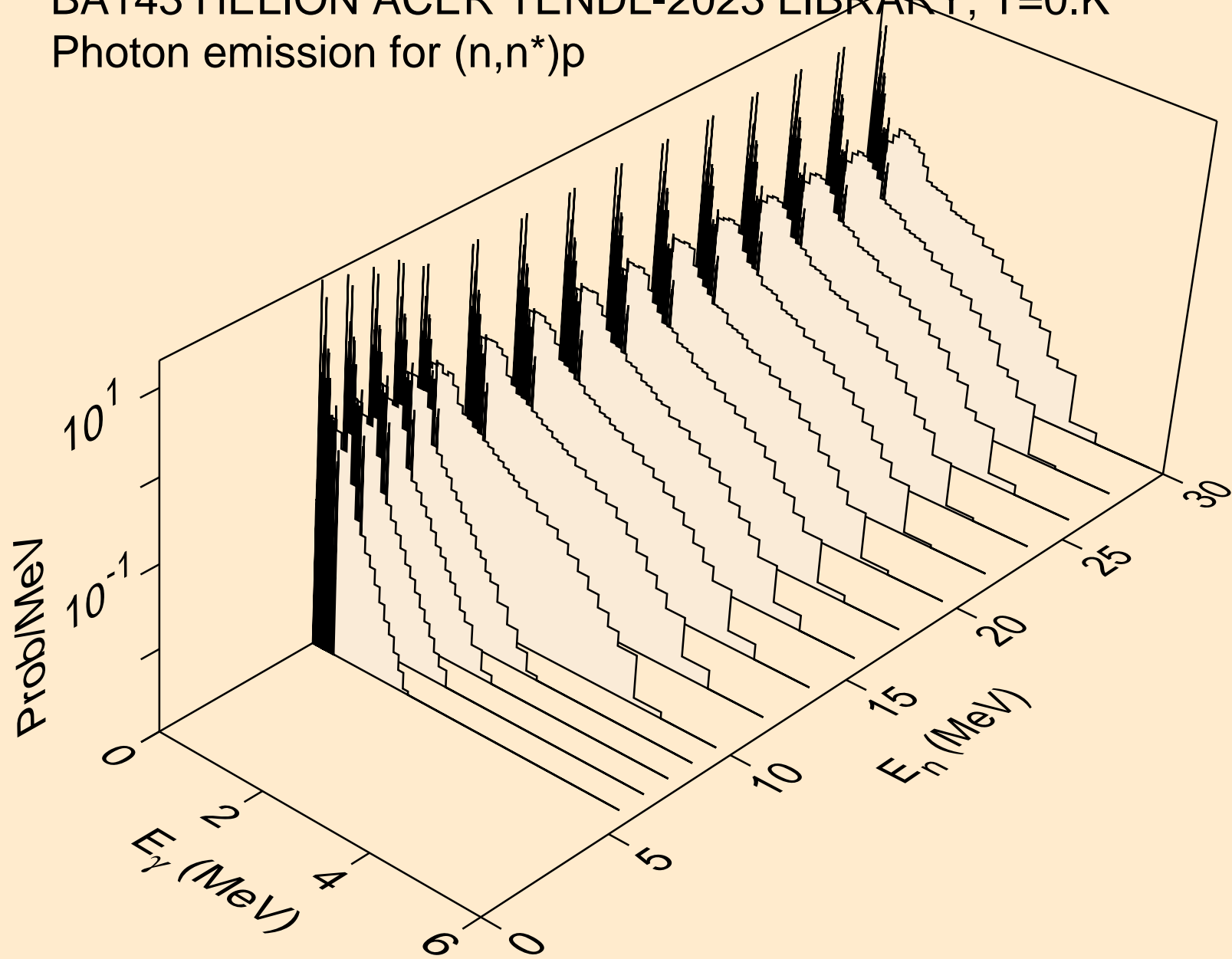




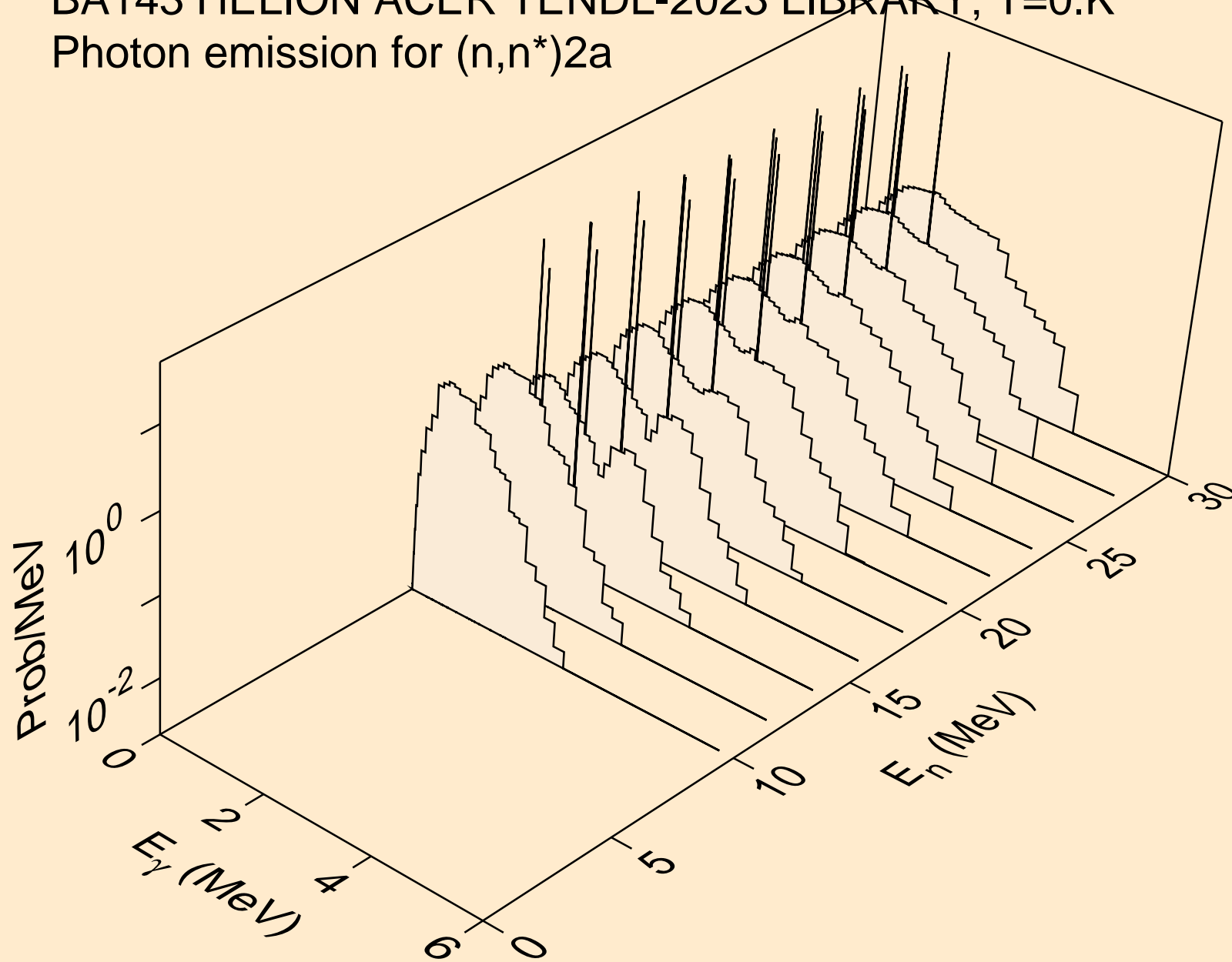
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Photon emission for (n,3n)a



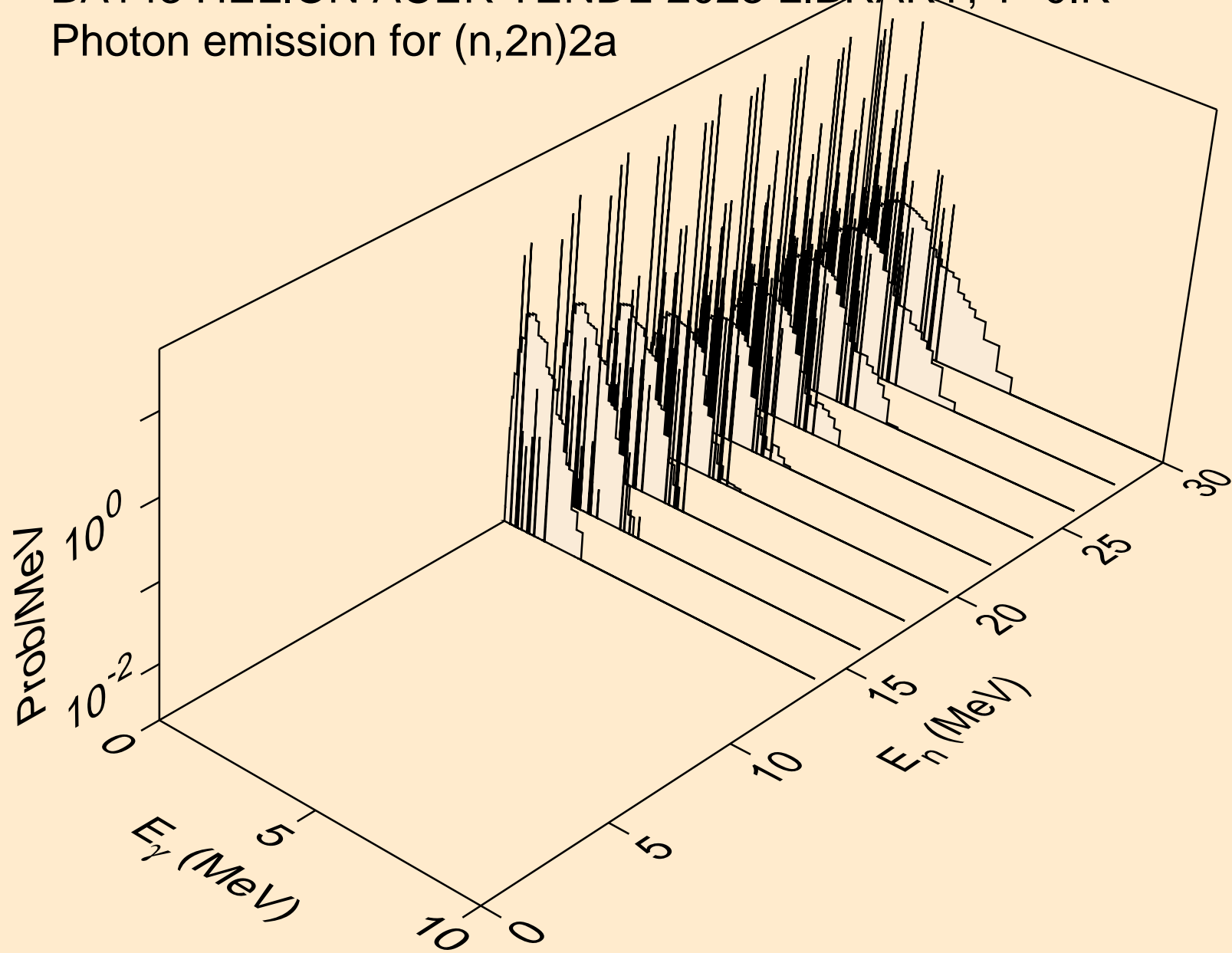
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



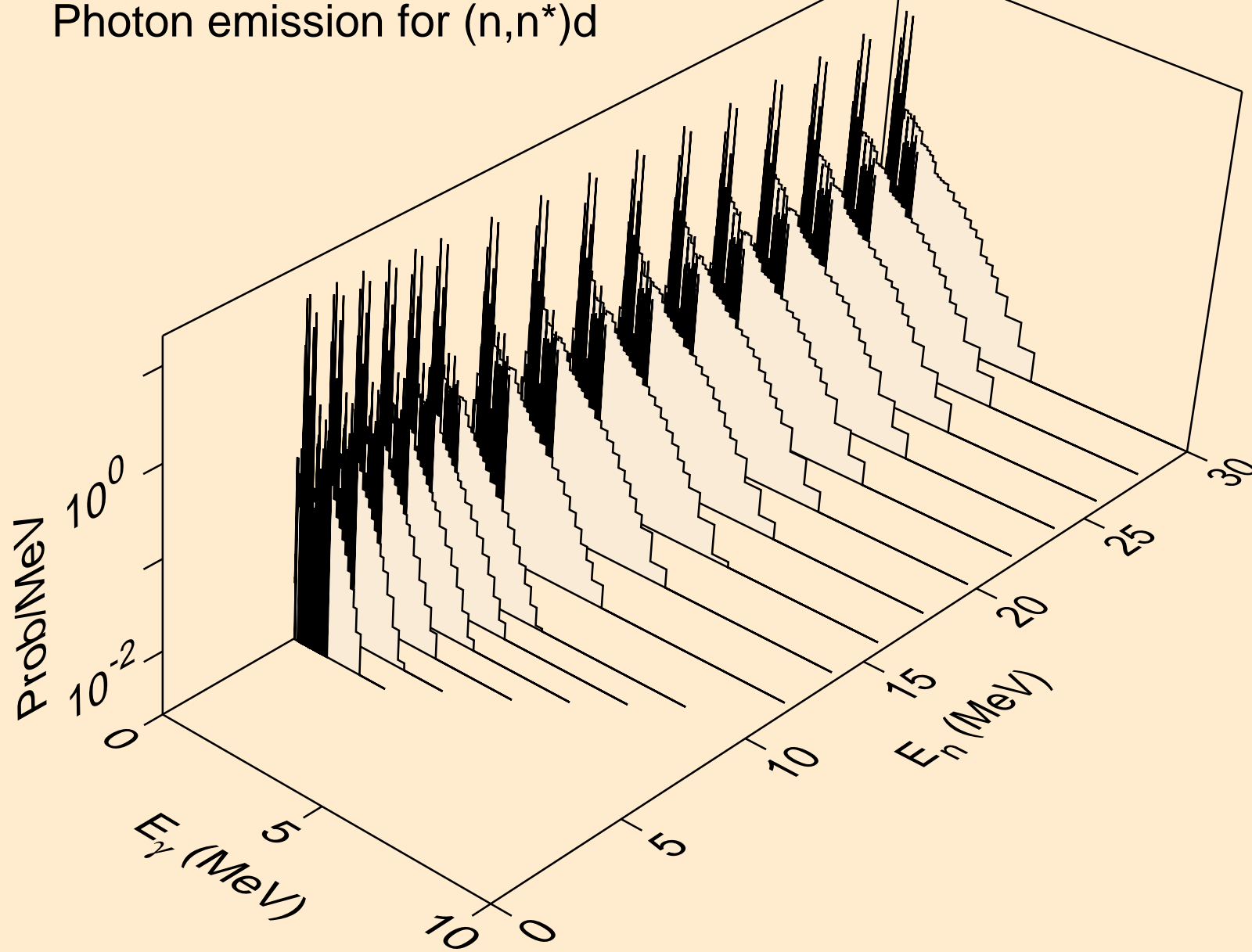
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



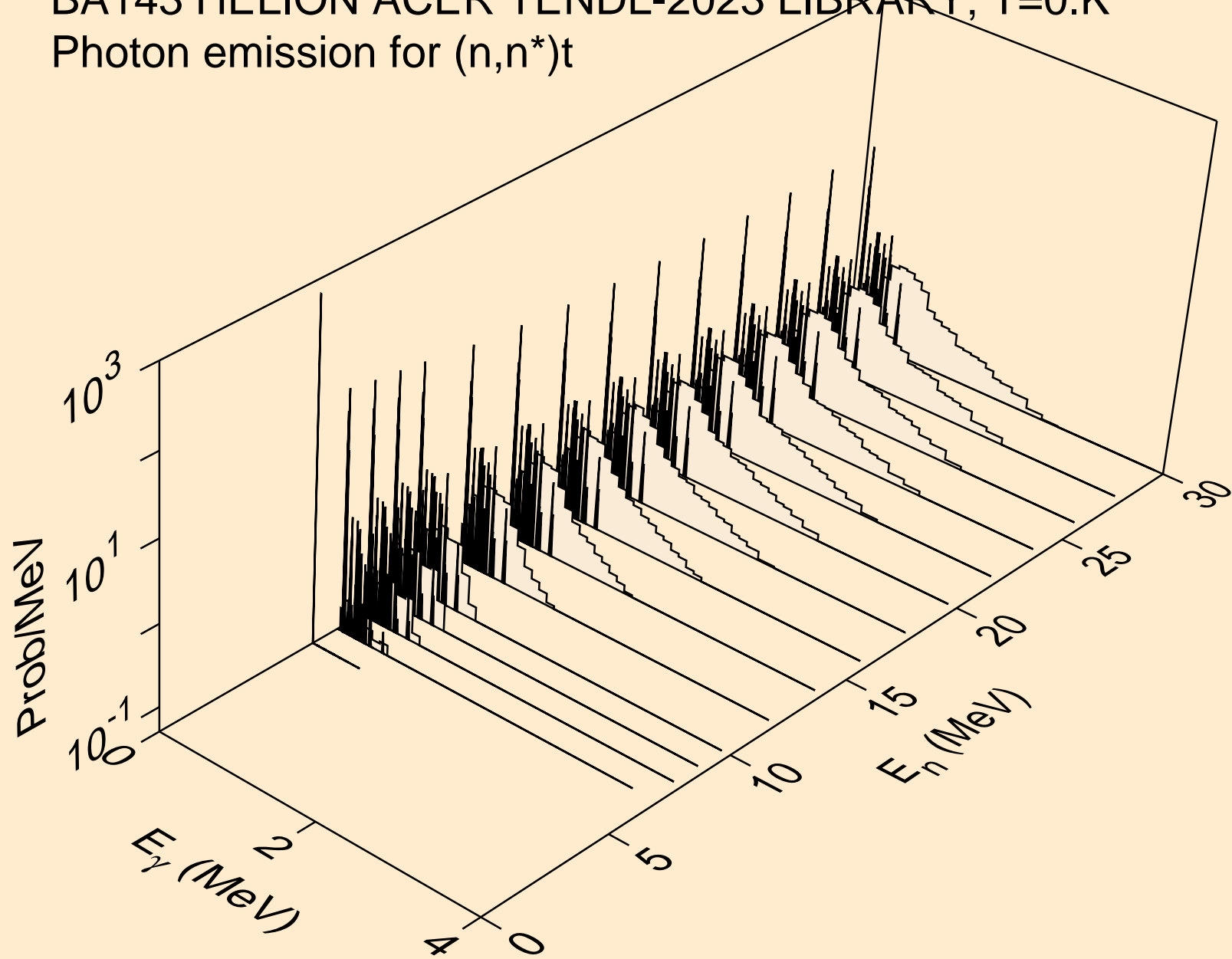
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Photon emission for (n,2n)2a



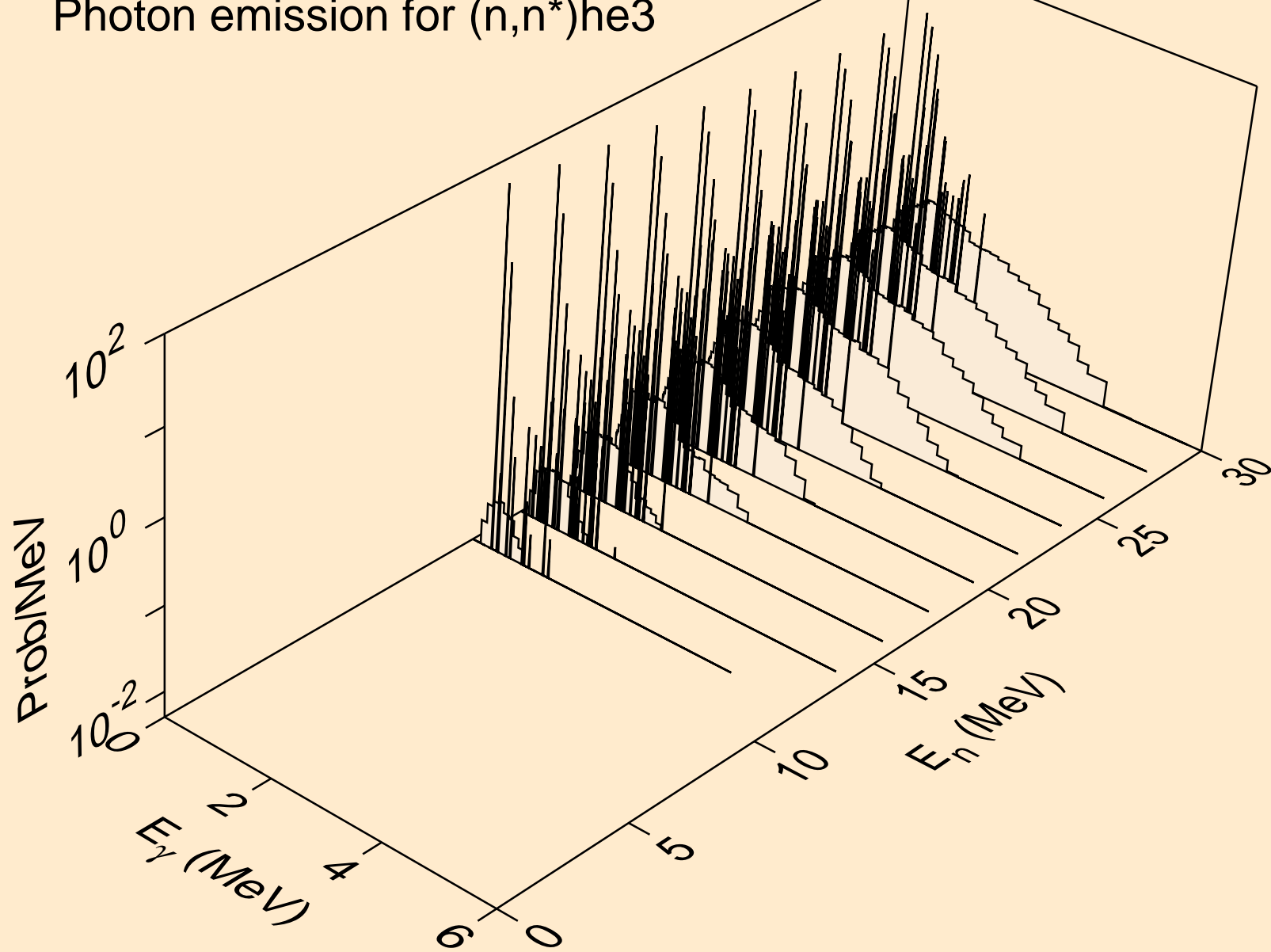
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



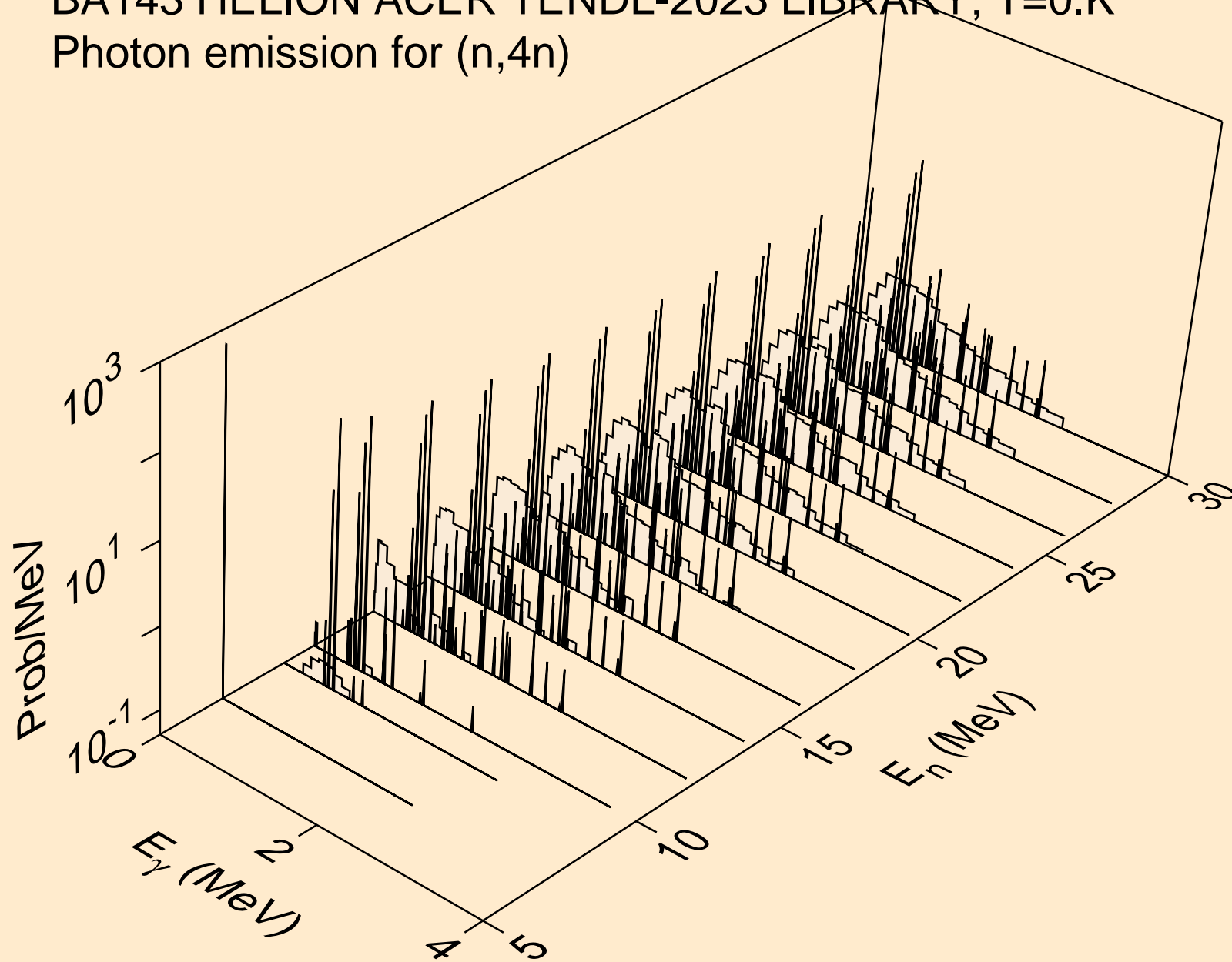
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

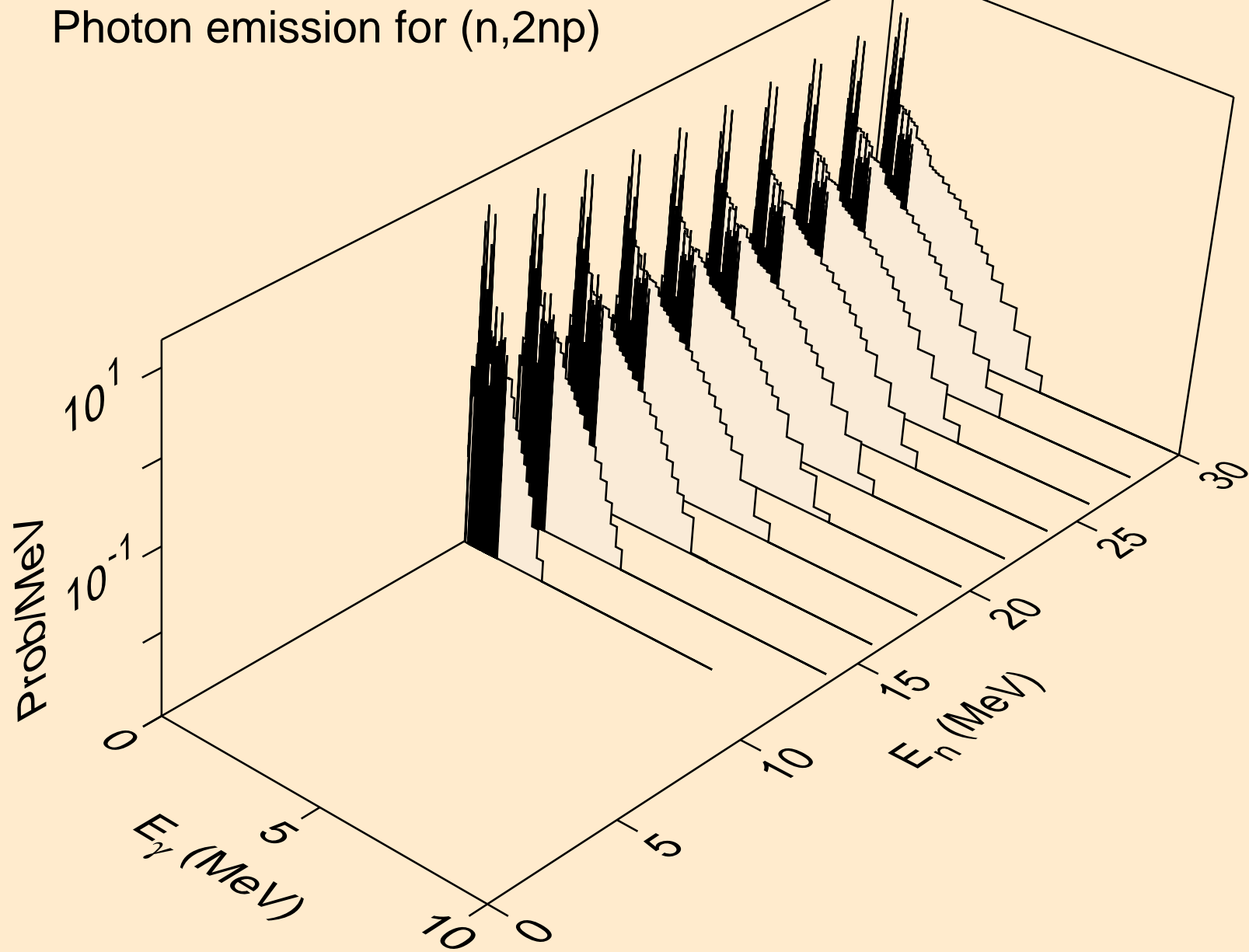


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

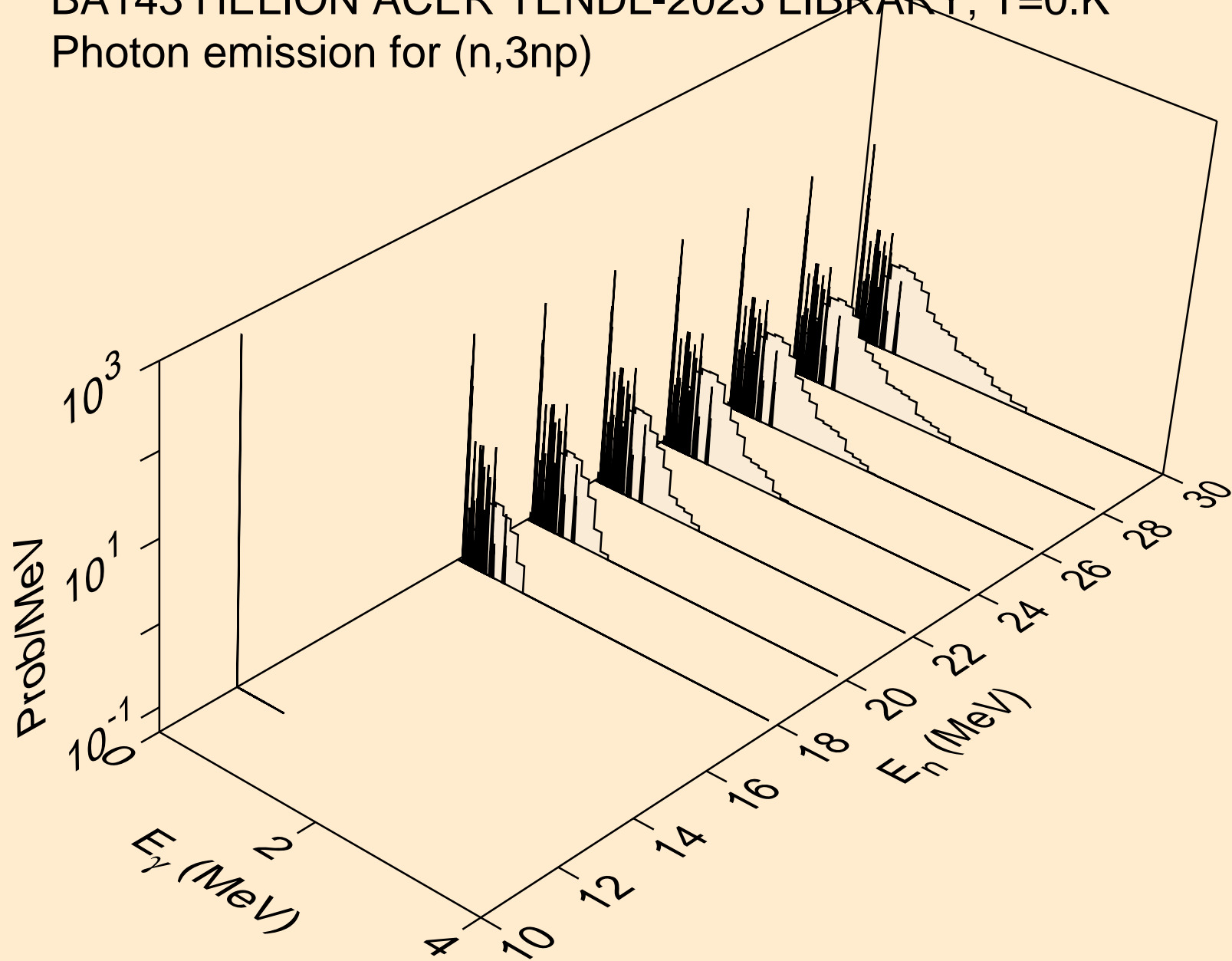




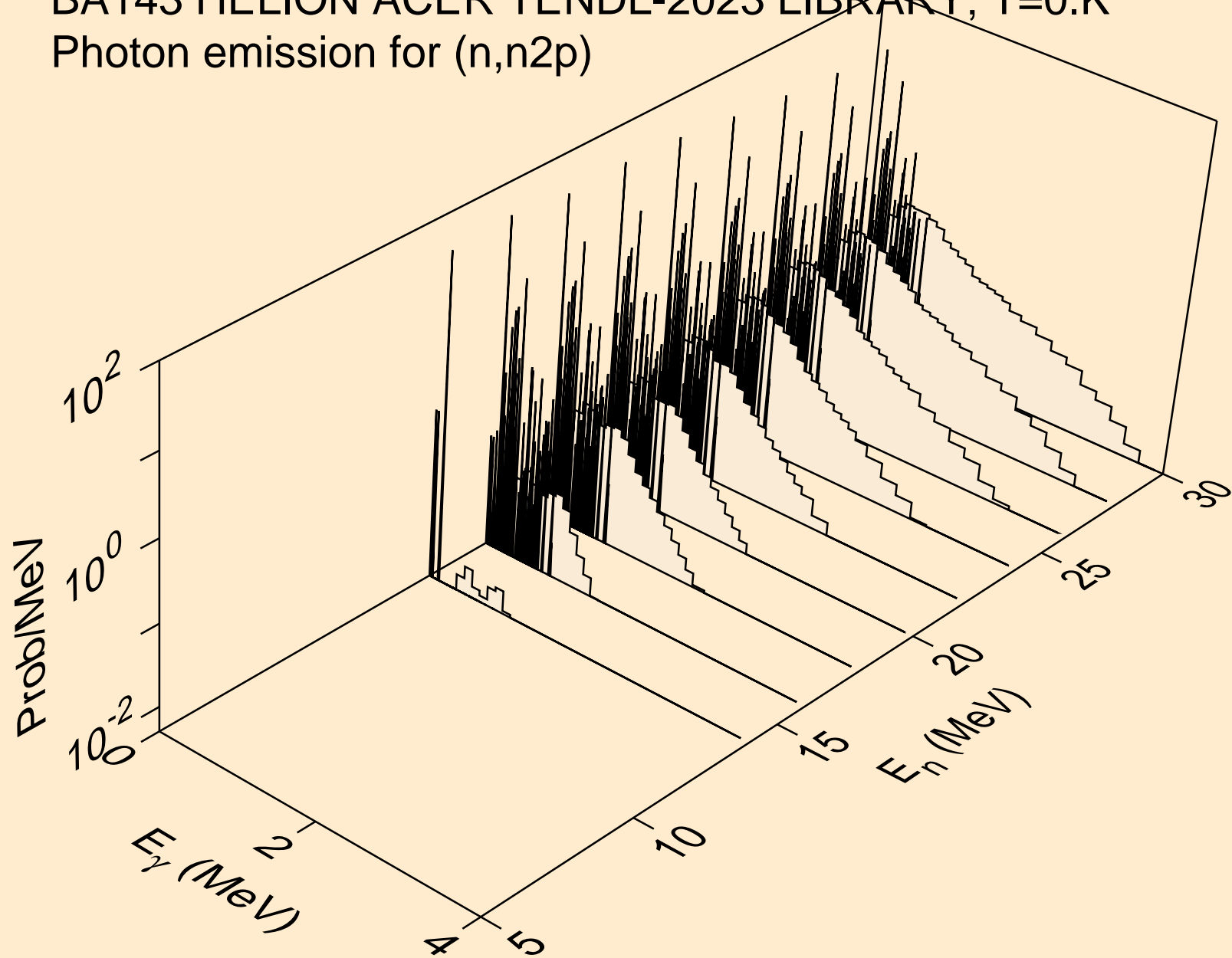
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Photon emission for (n,2np)



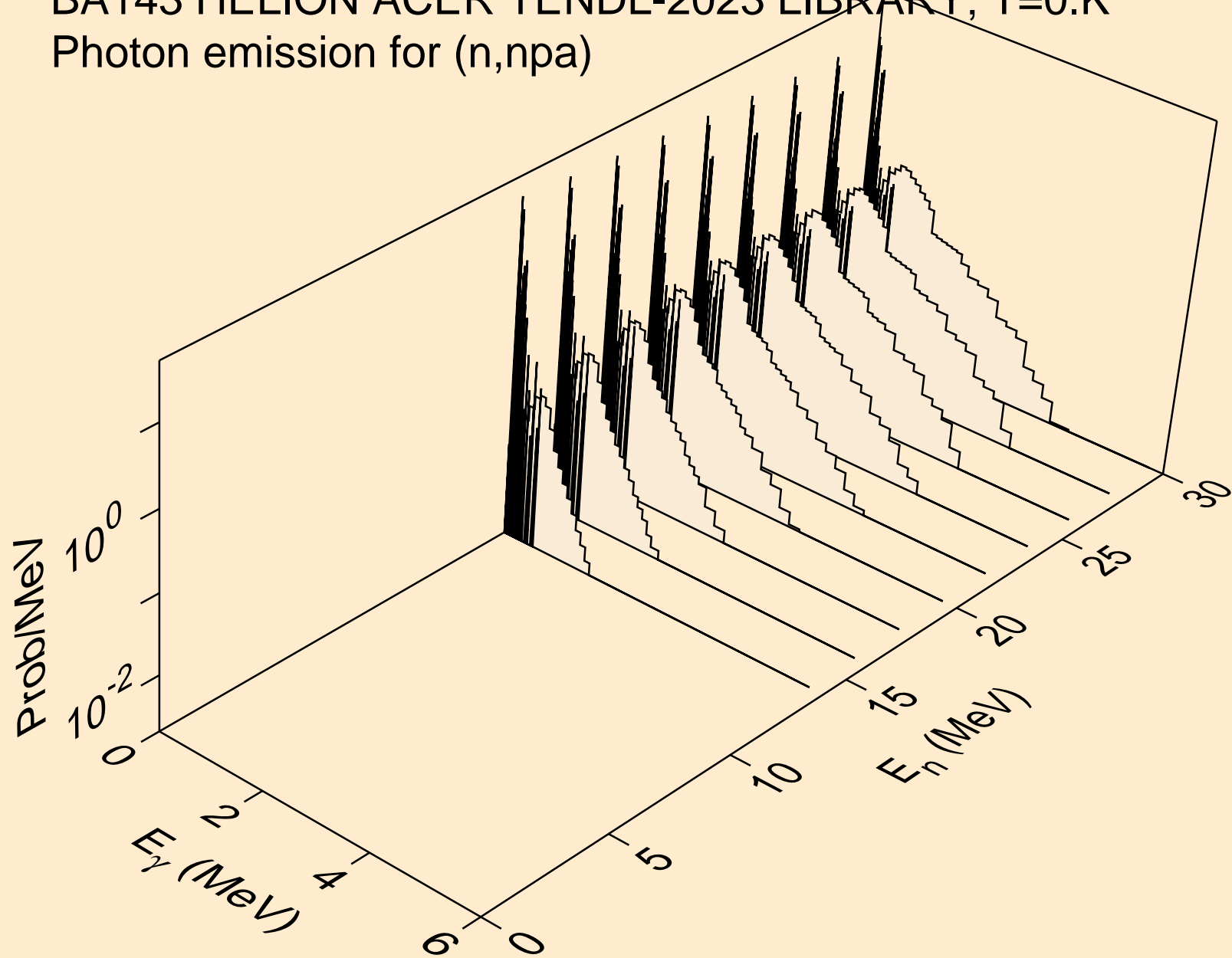
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Photon emission for (n,3np)



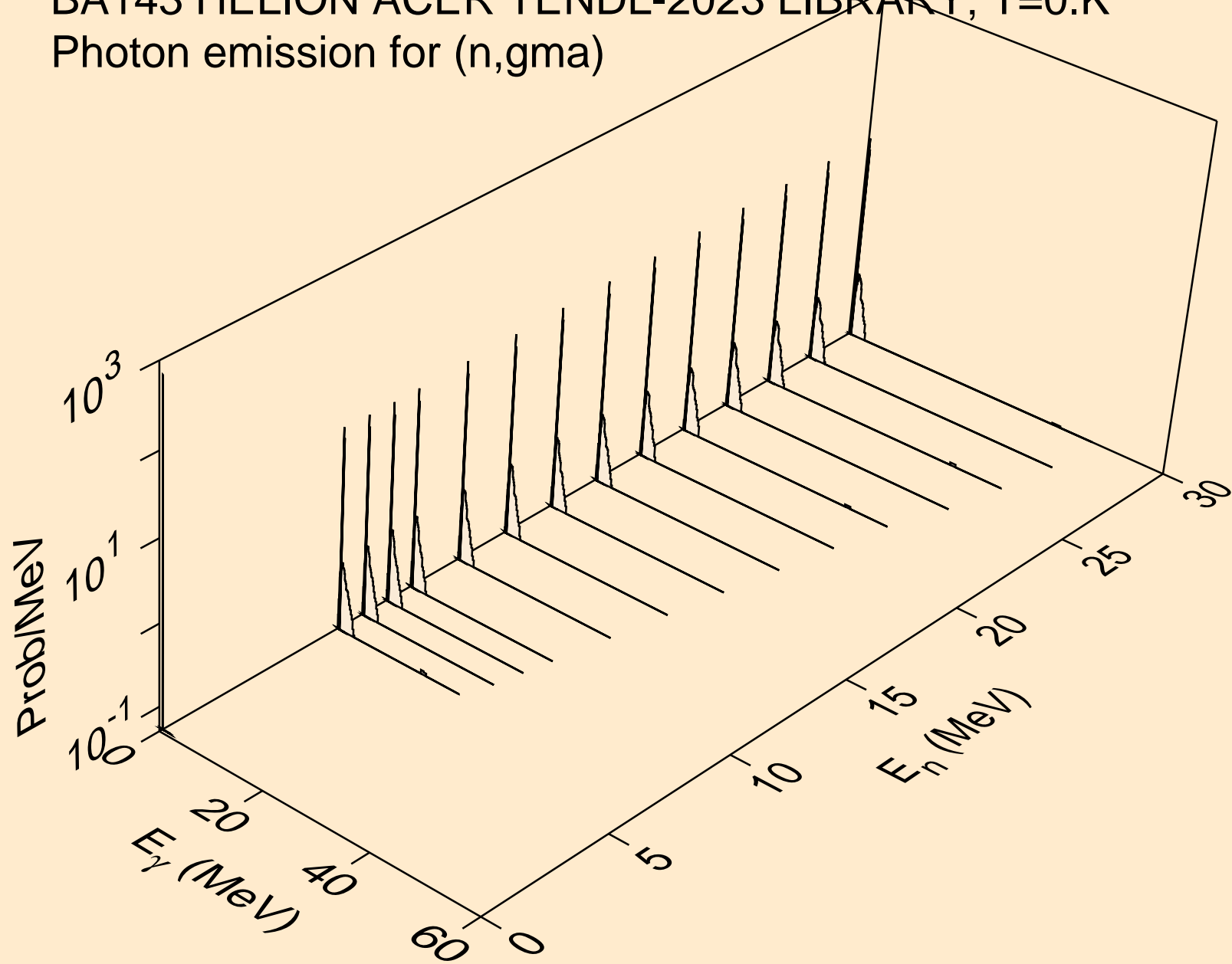
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Photon emission for (n,n2p)



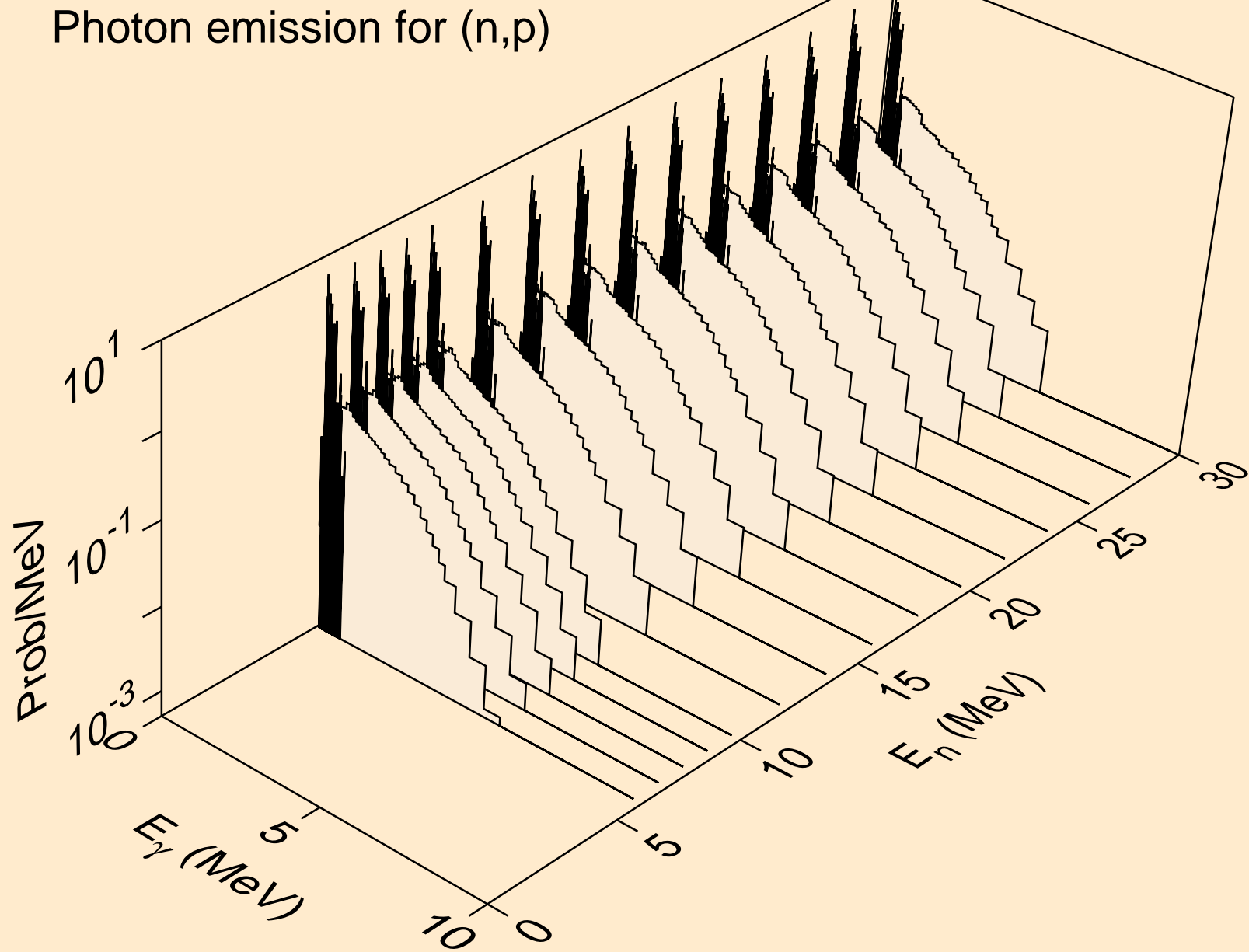
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Photon emission for (n,npa)



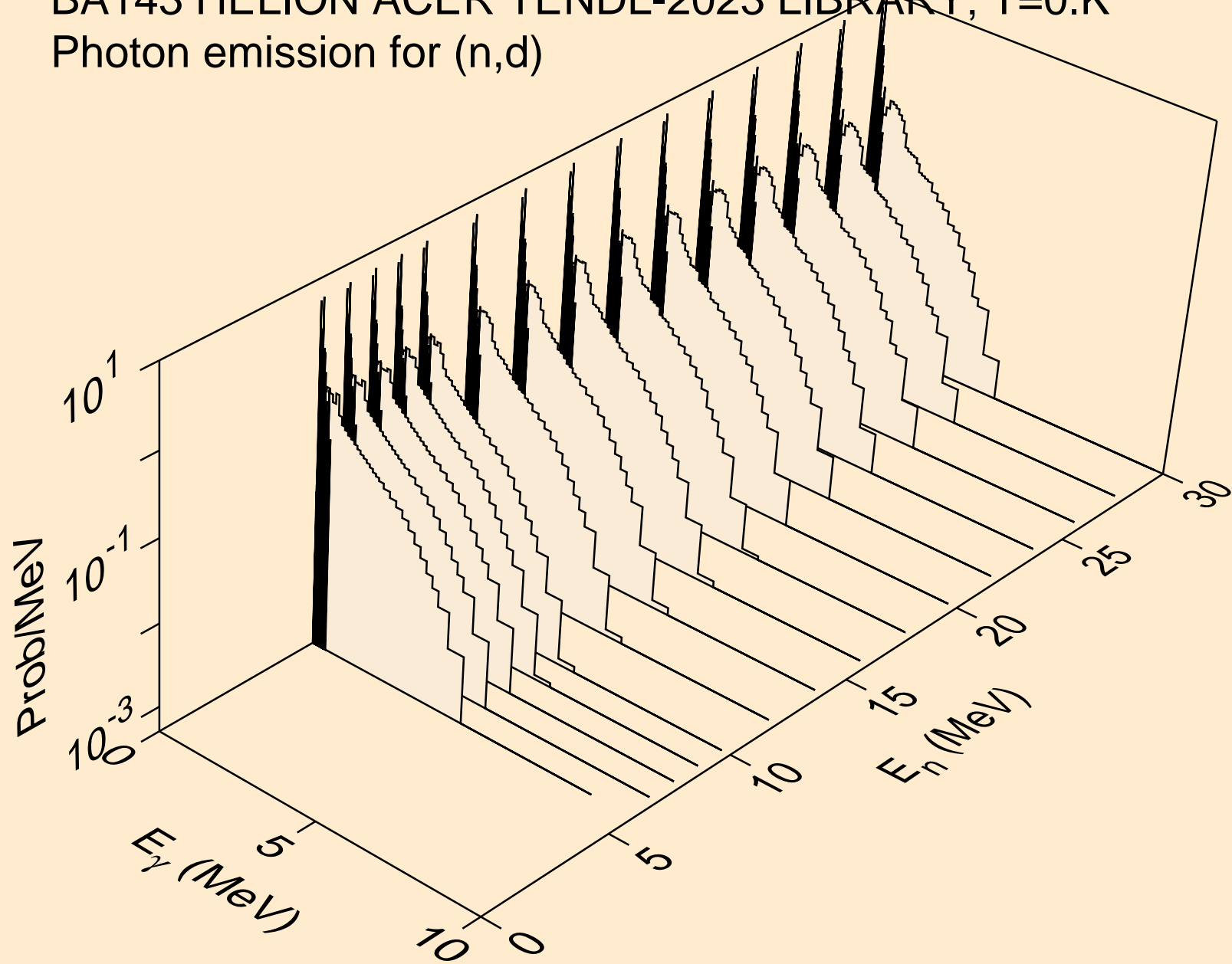
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Photon emission for (n,gma)



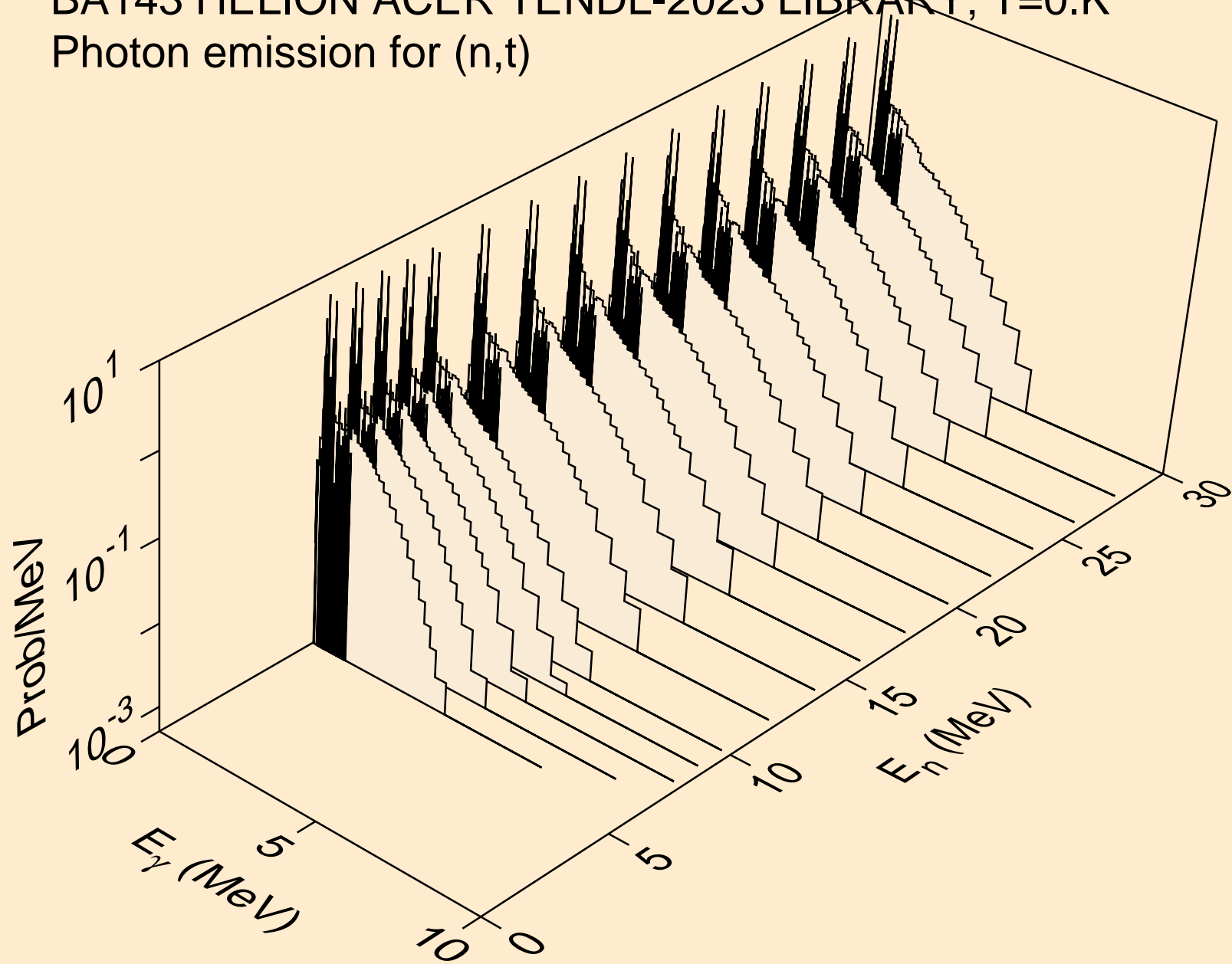
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

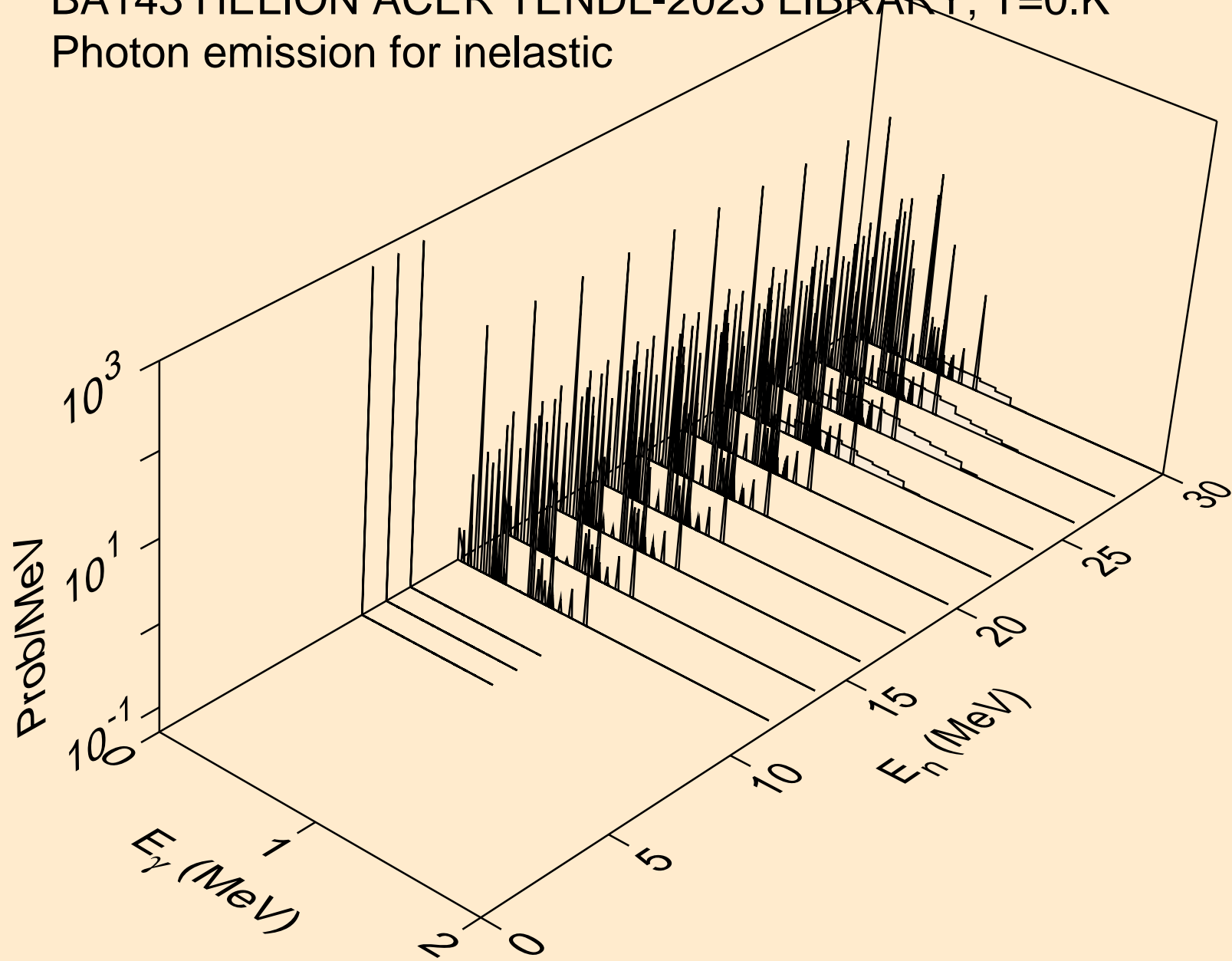


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

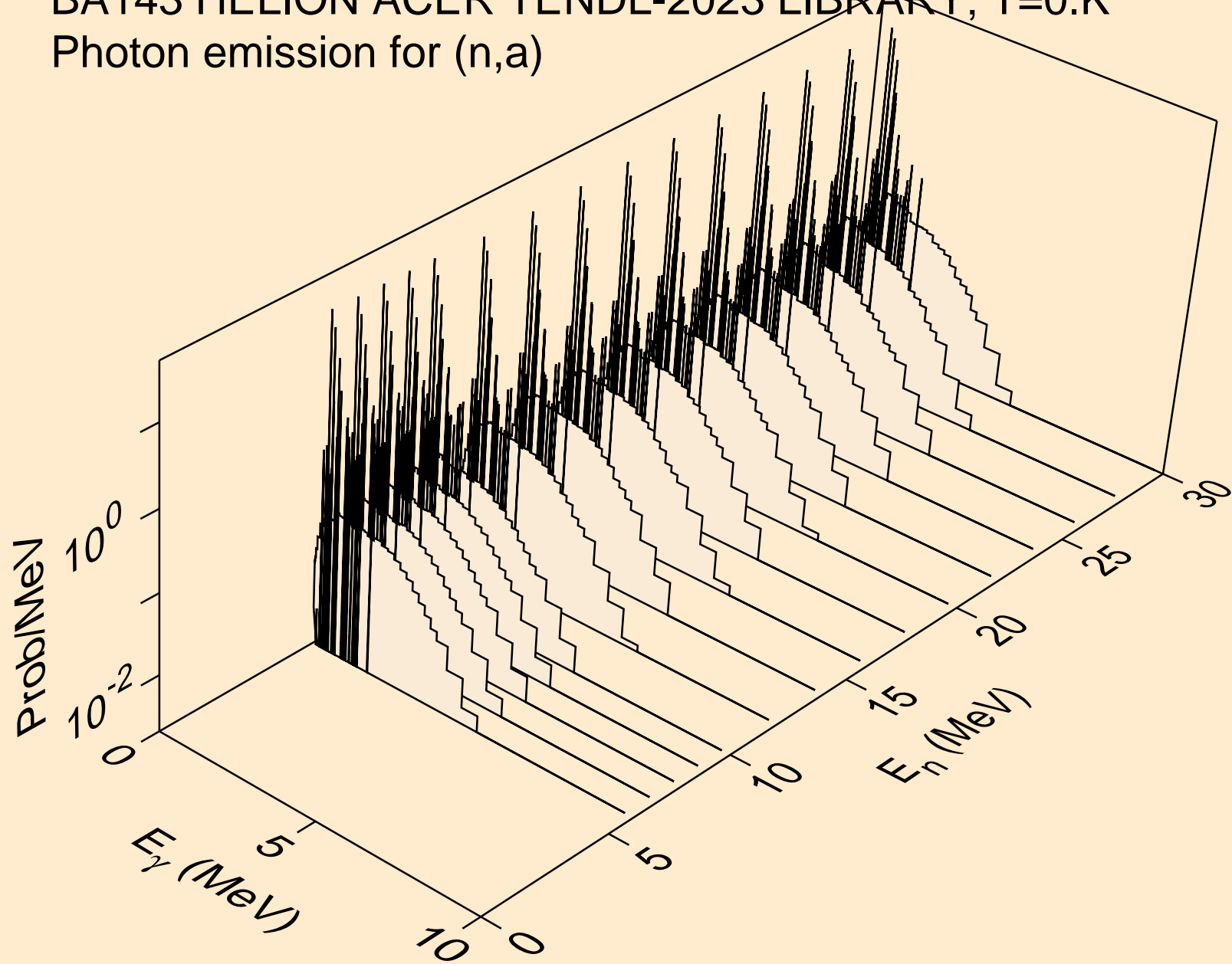




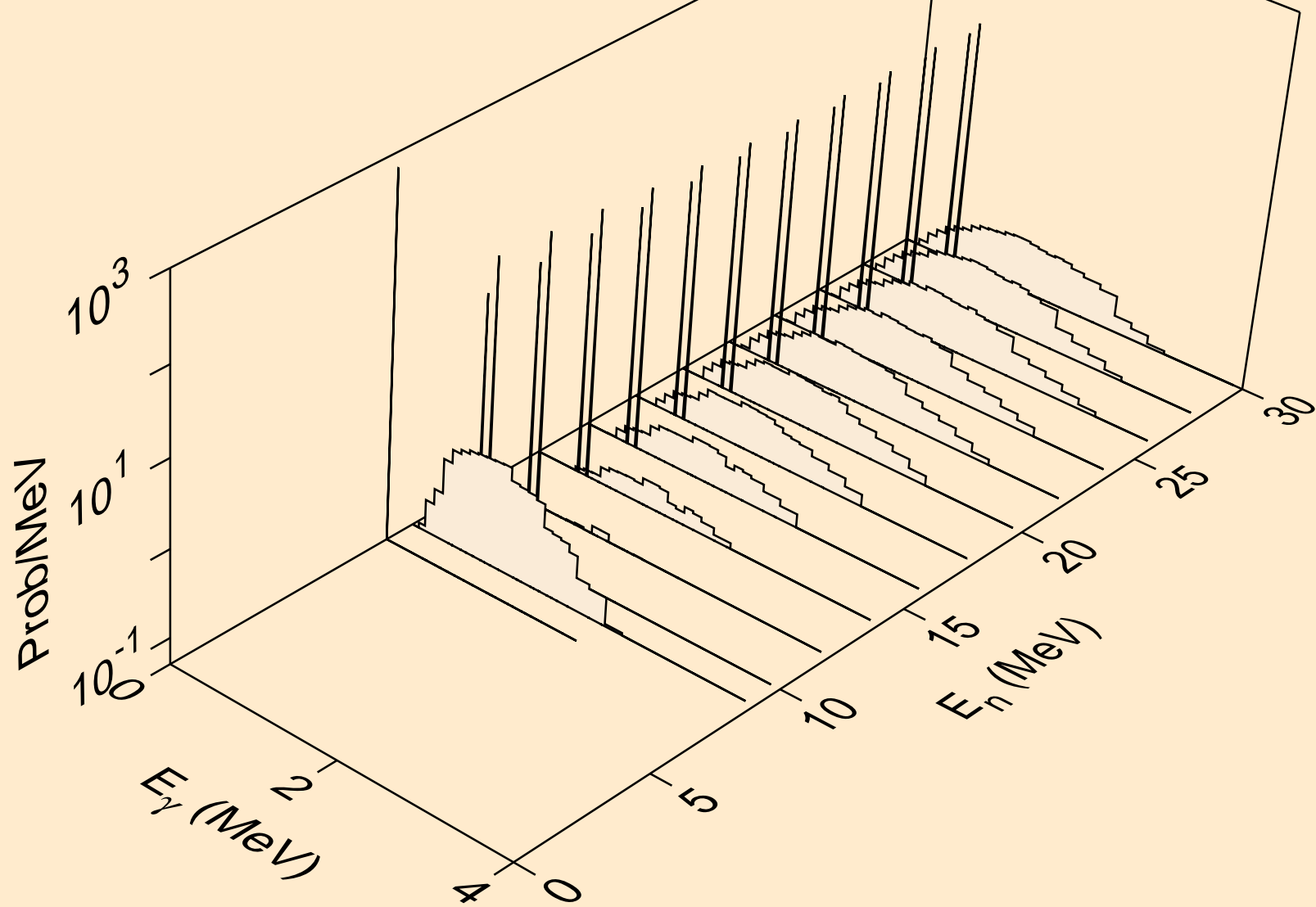
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



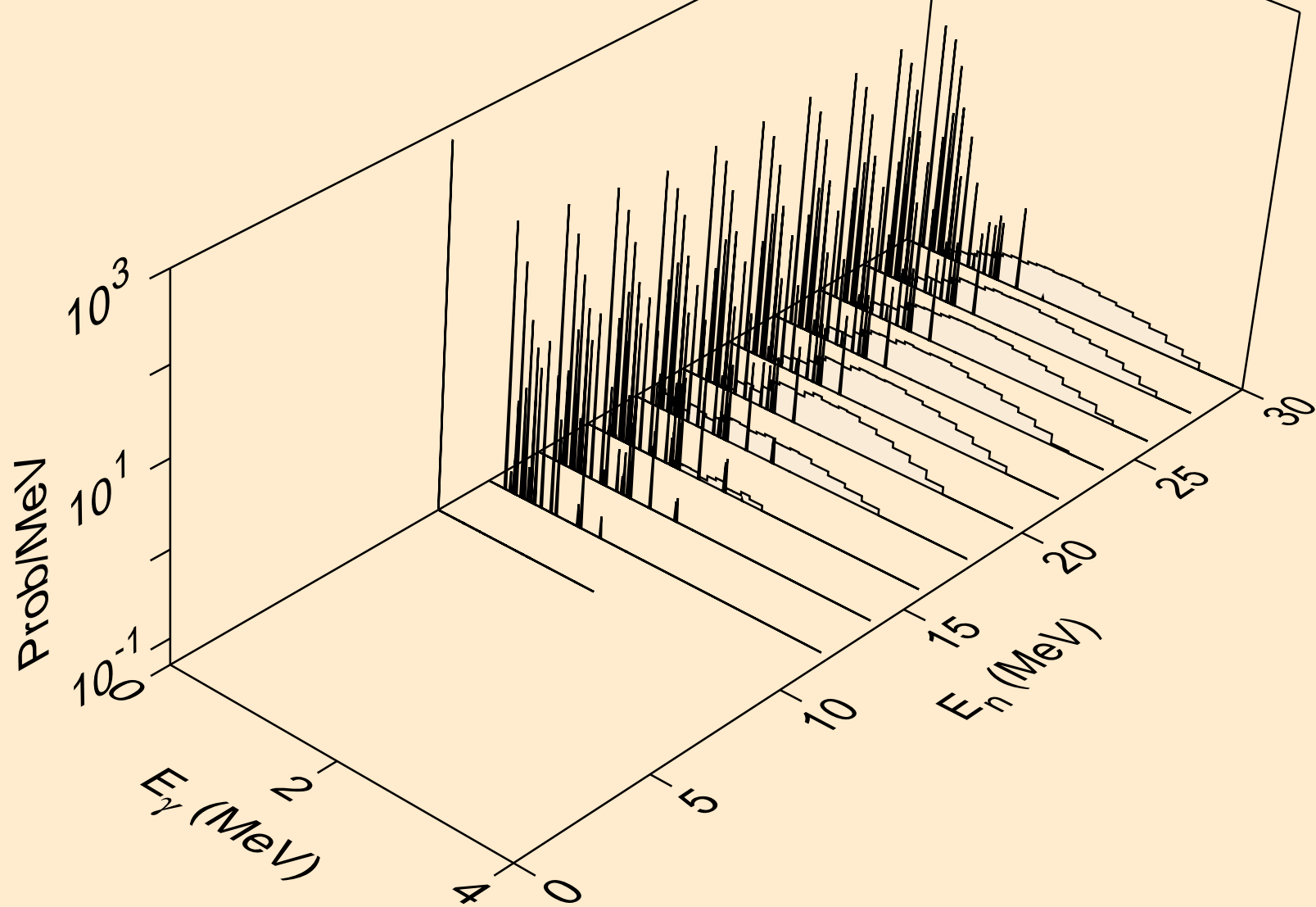
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



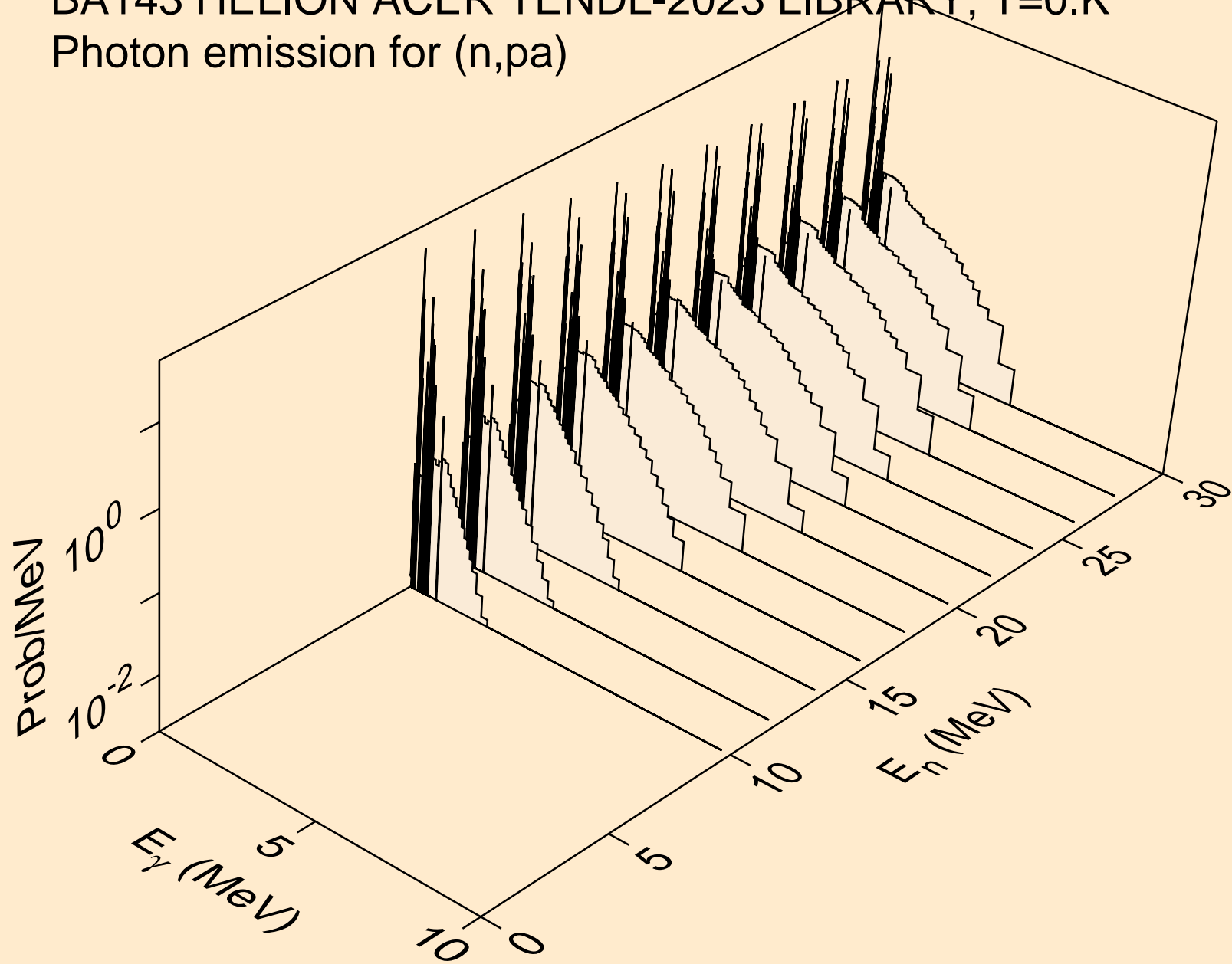
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Photon emission for (n,2a)



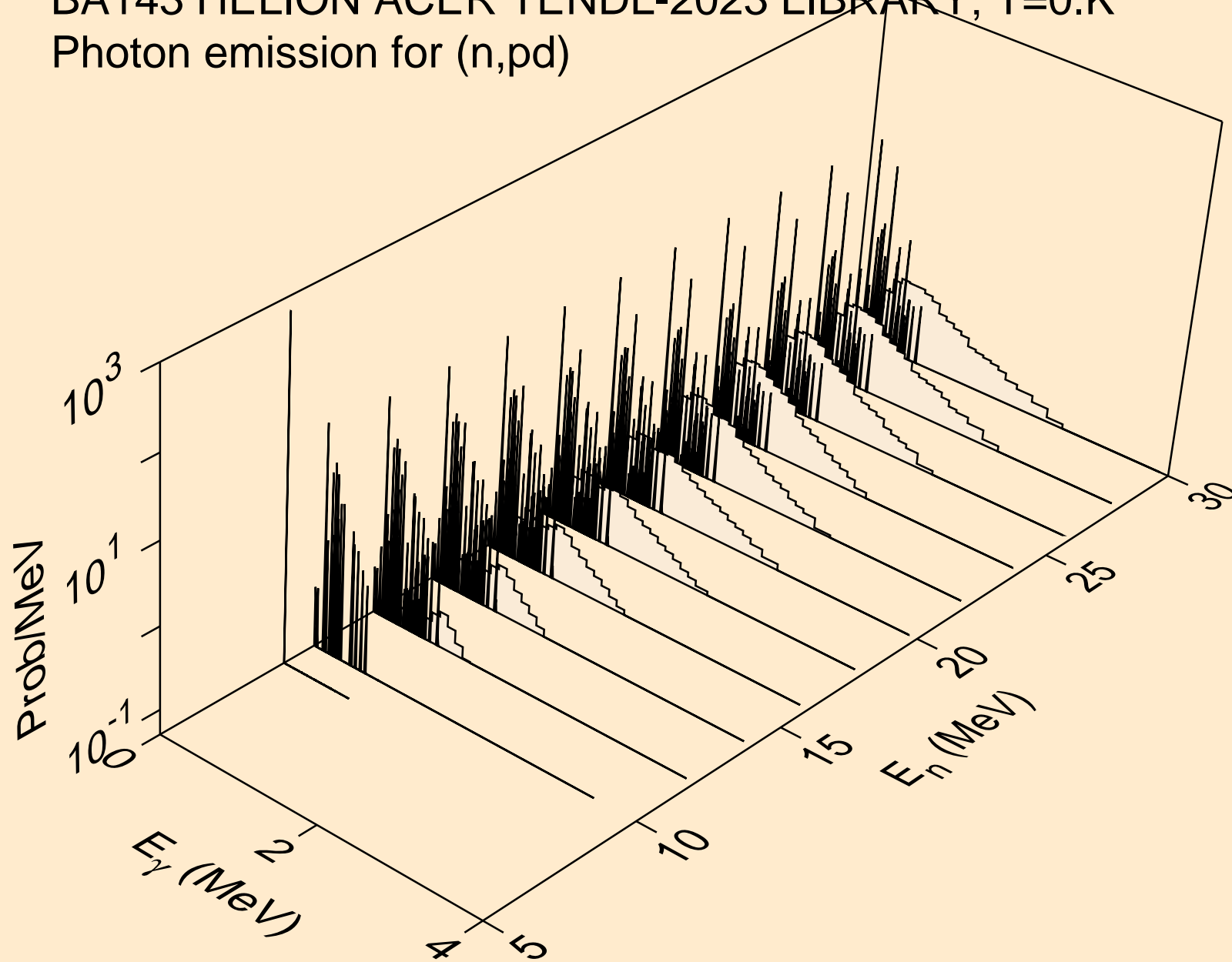
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Photon emission for (n,2p)



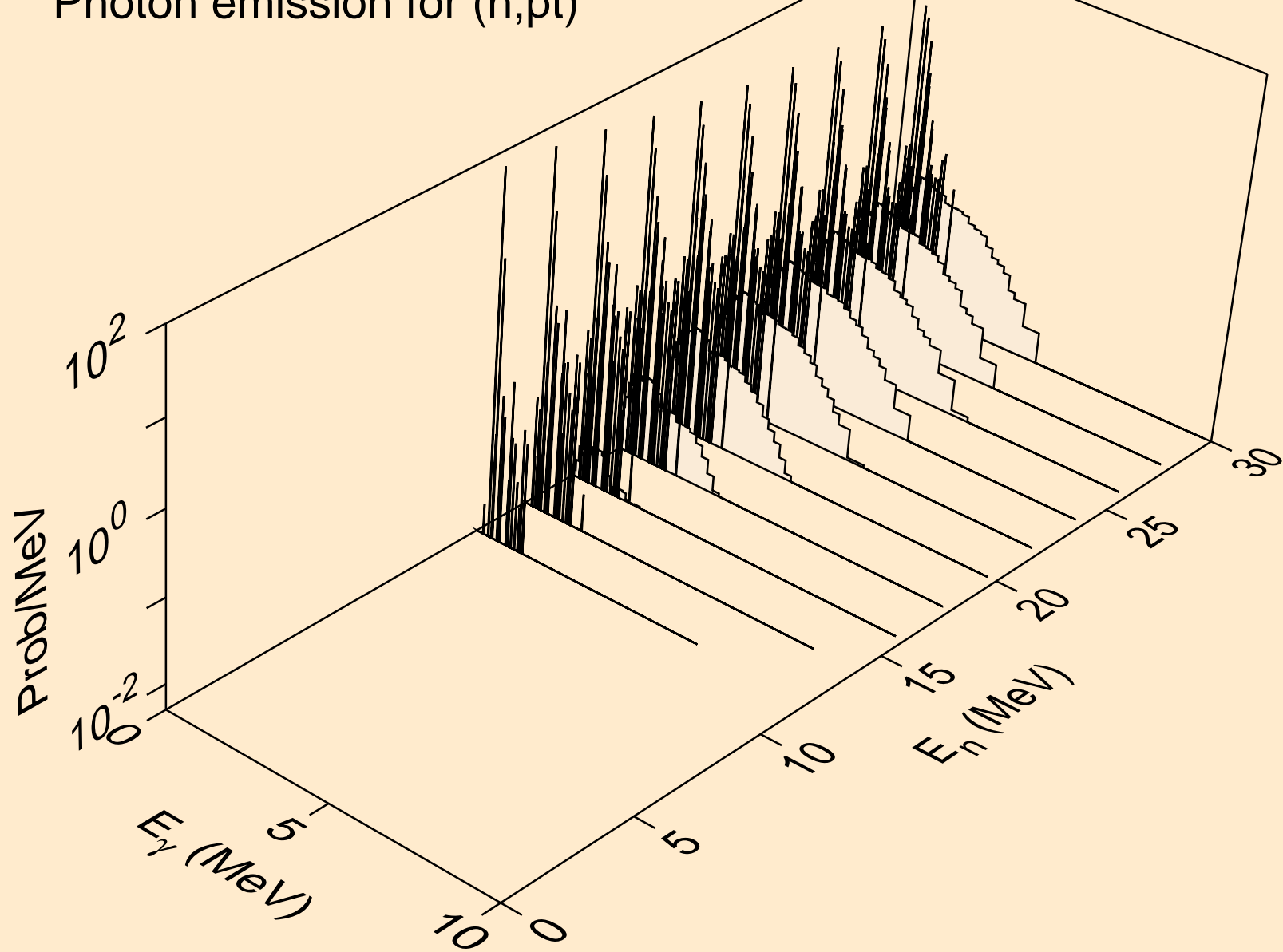
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Photon emission for (n,pa)



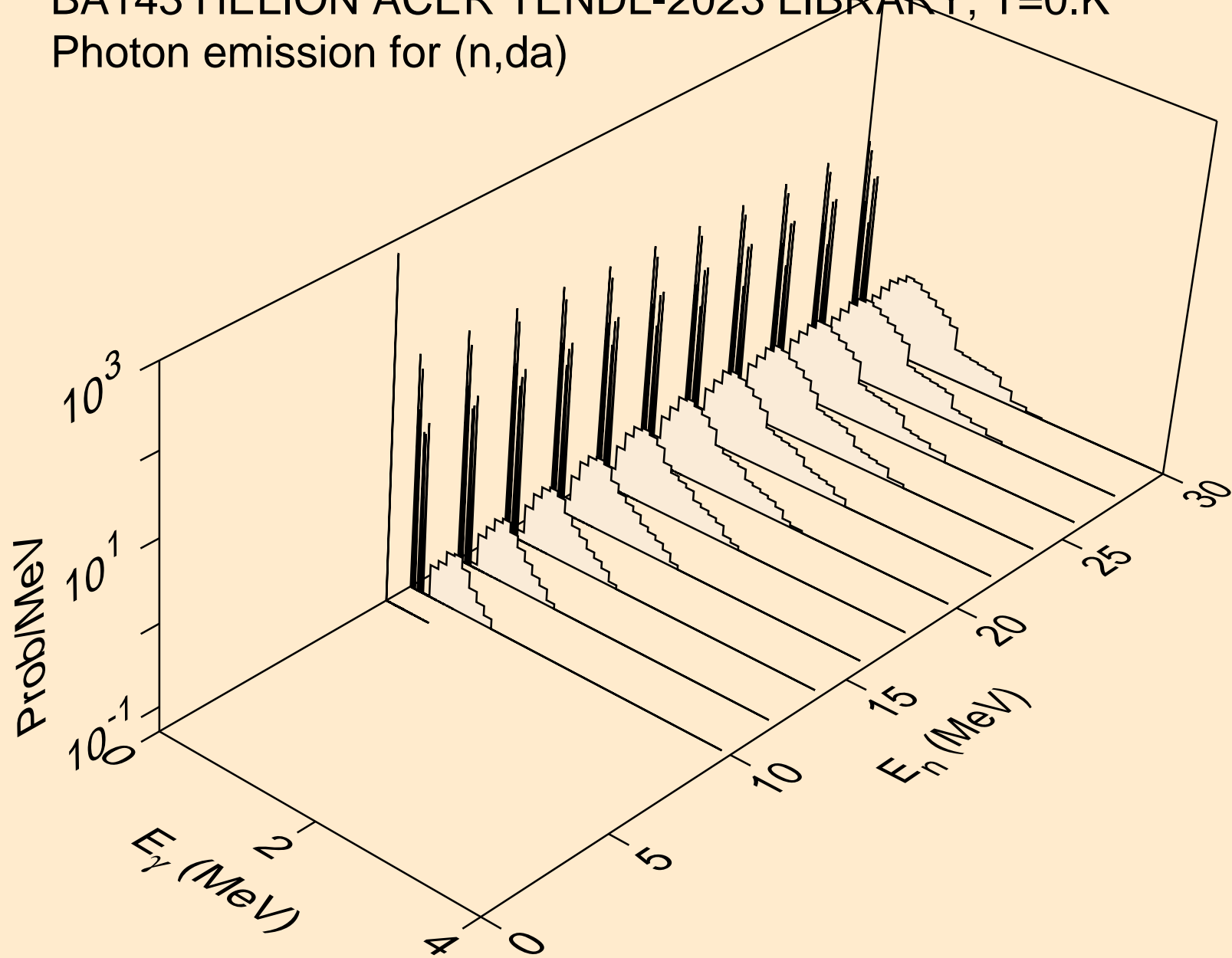
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

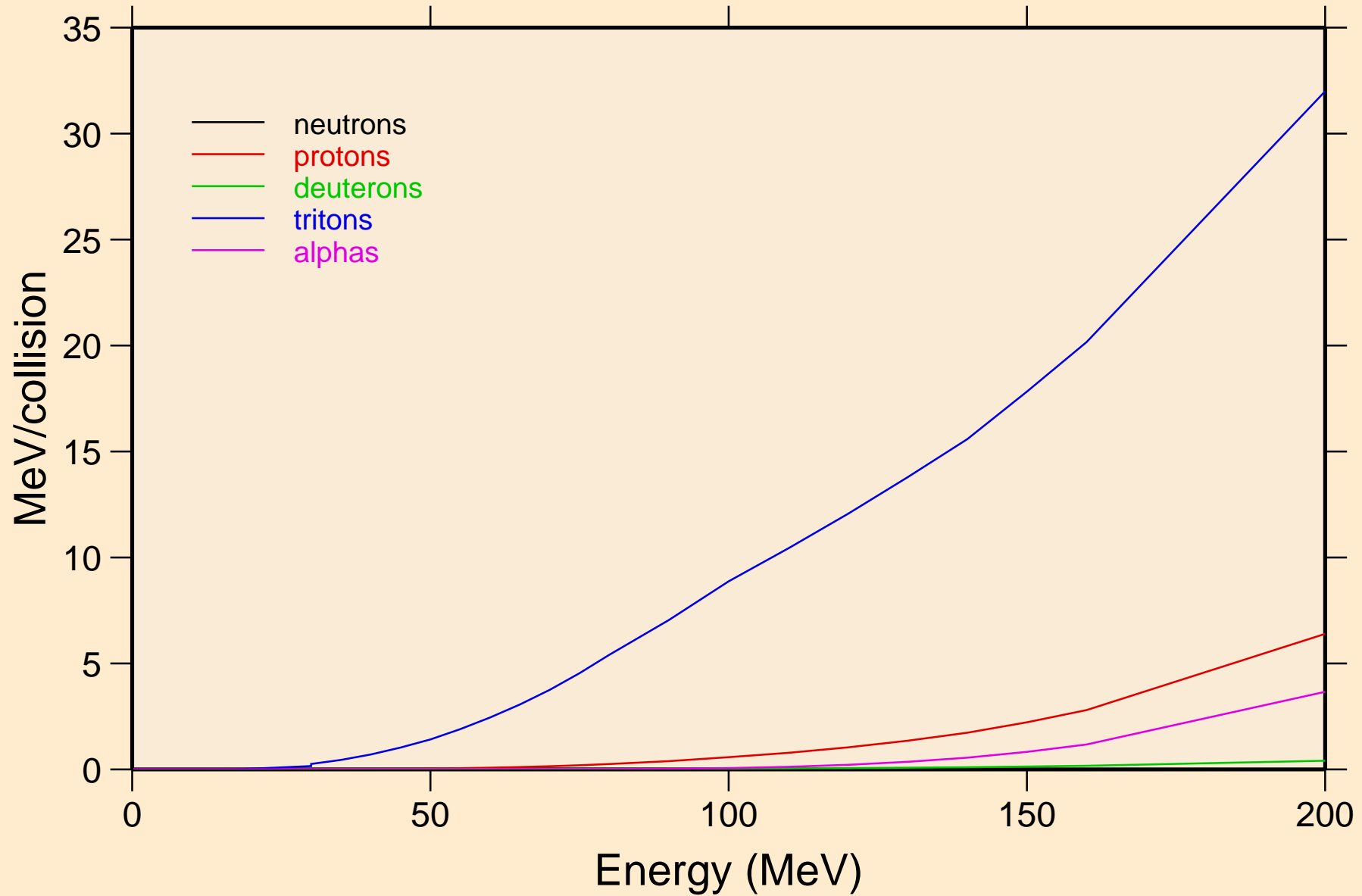


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

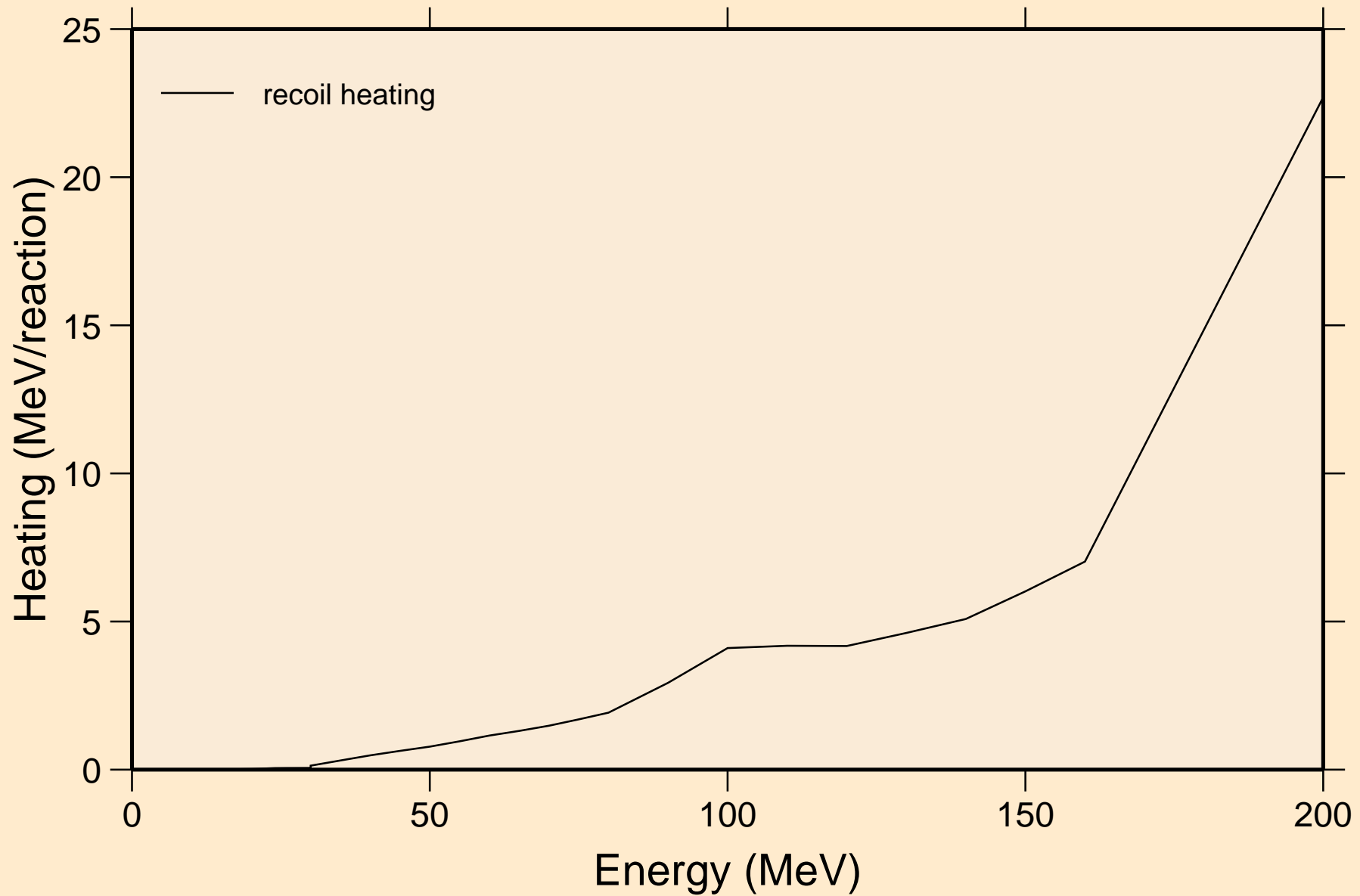




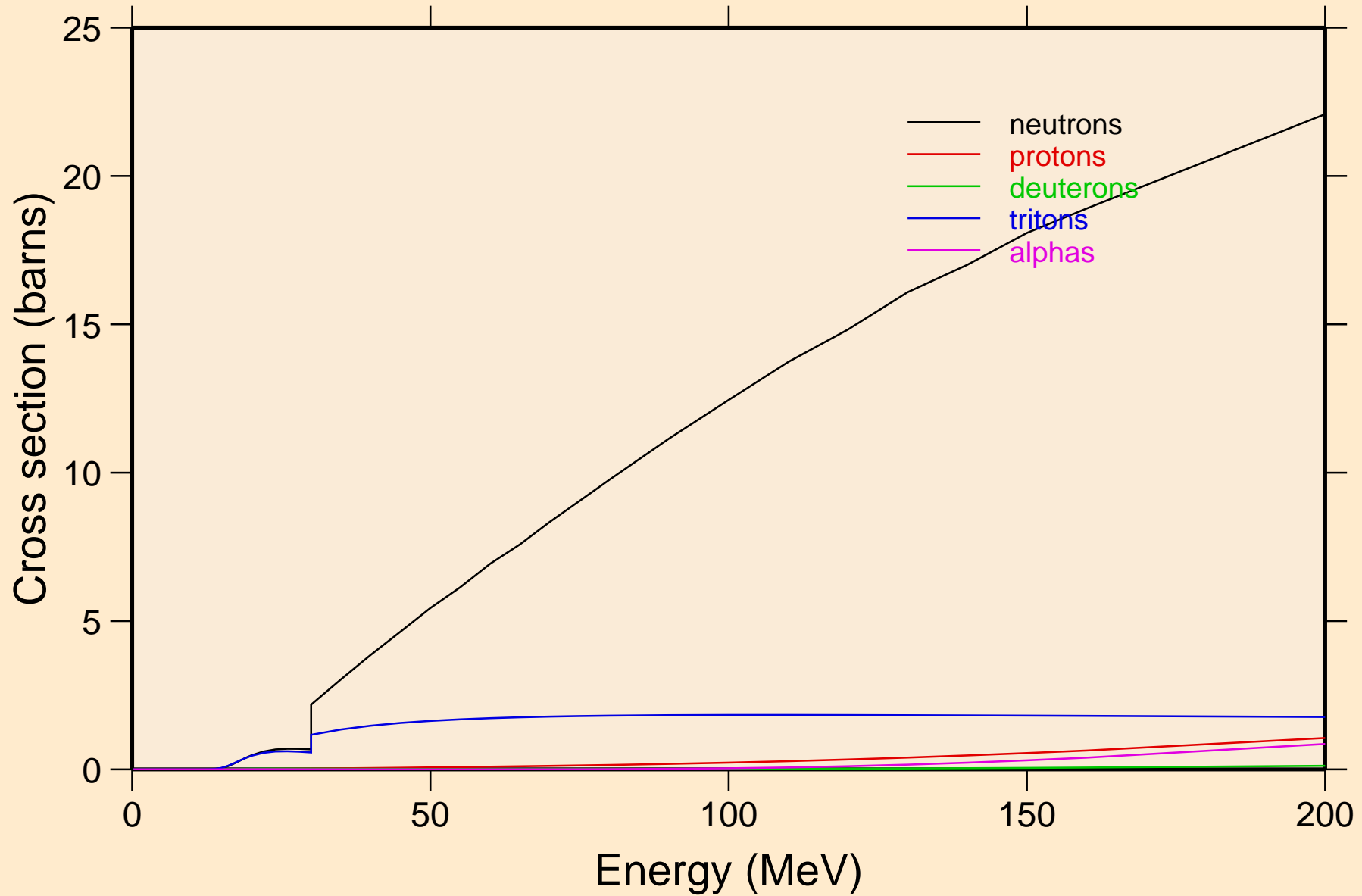
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



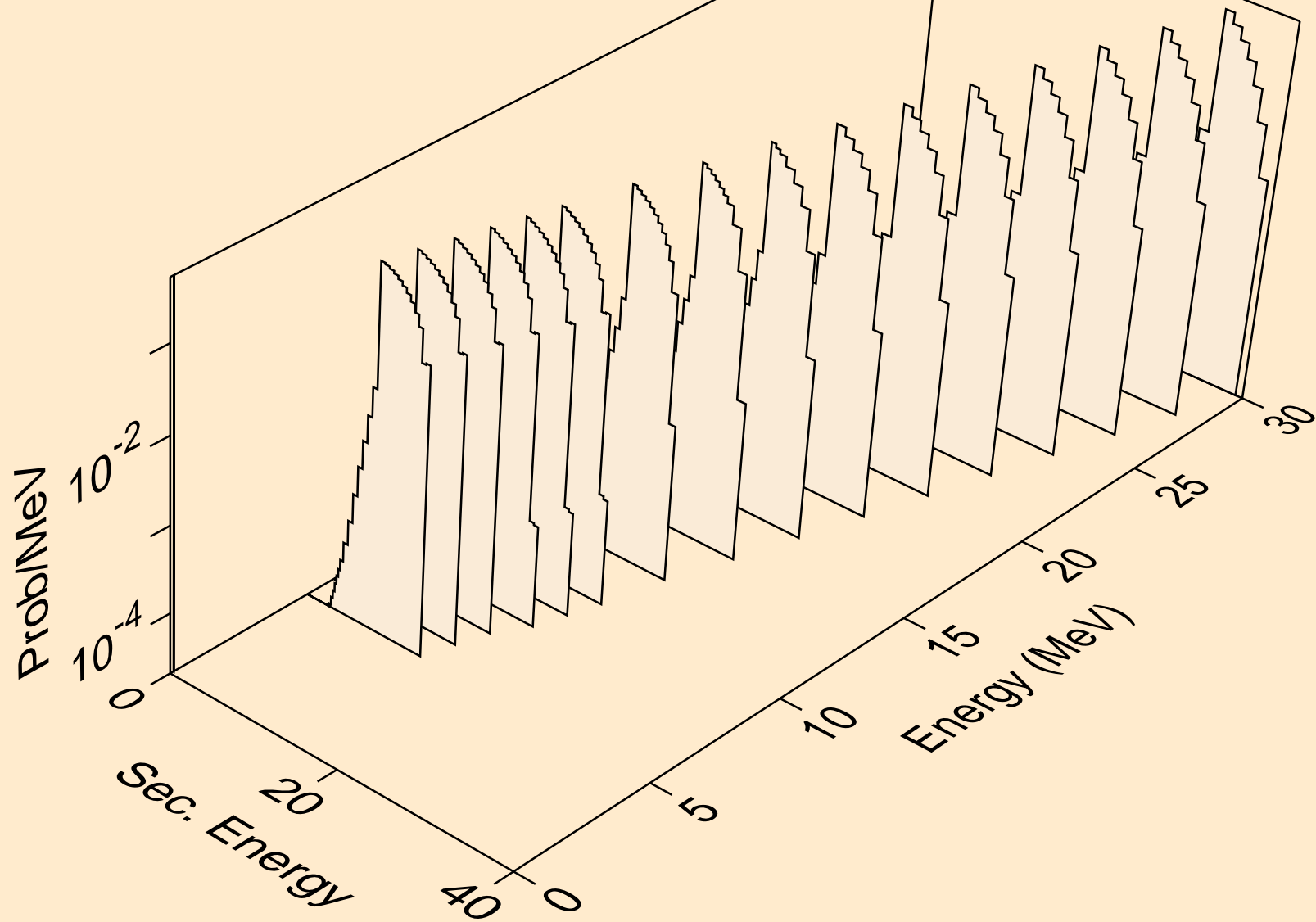
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Recoil Heating



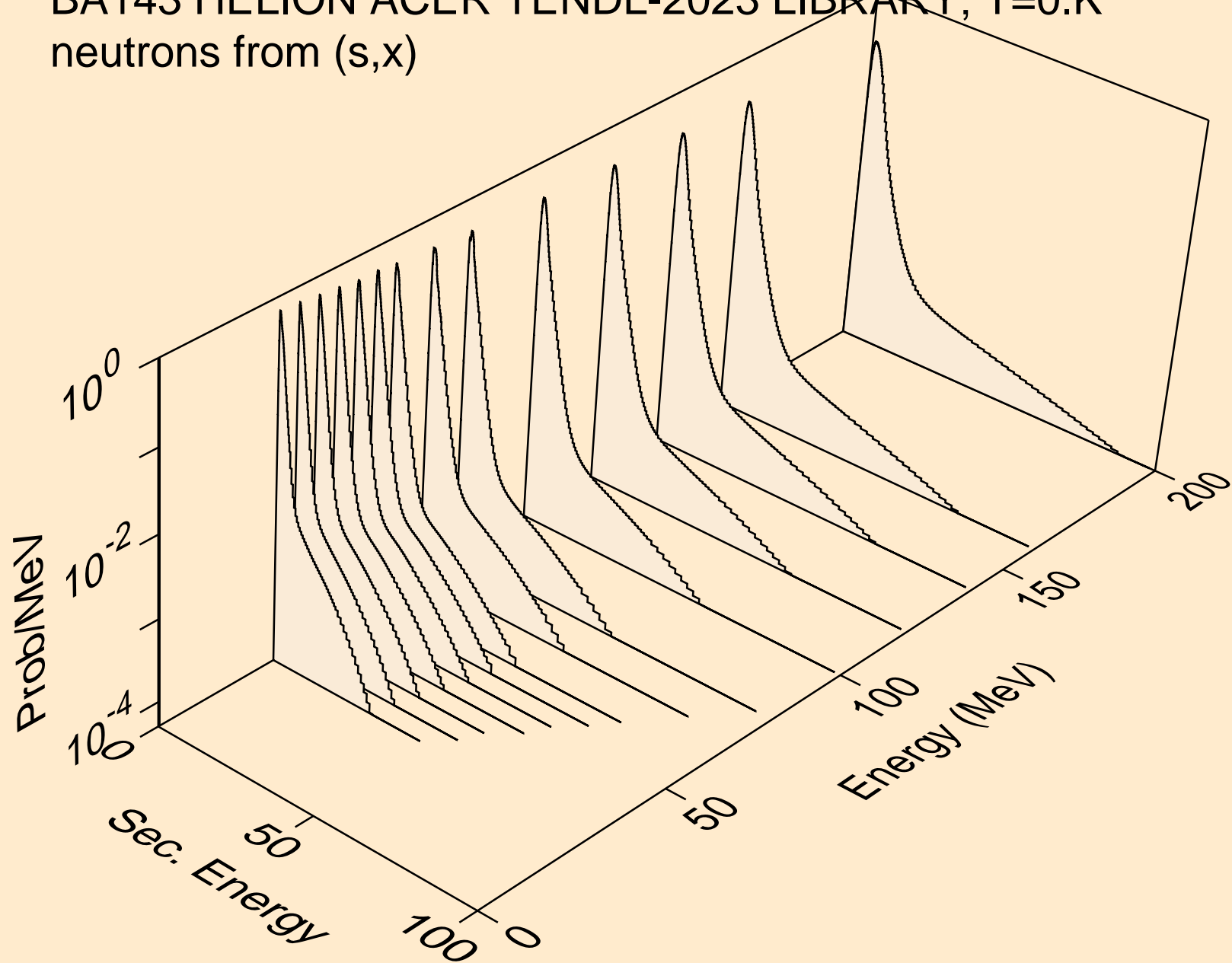
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



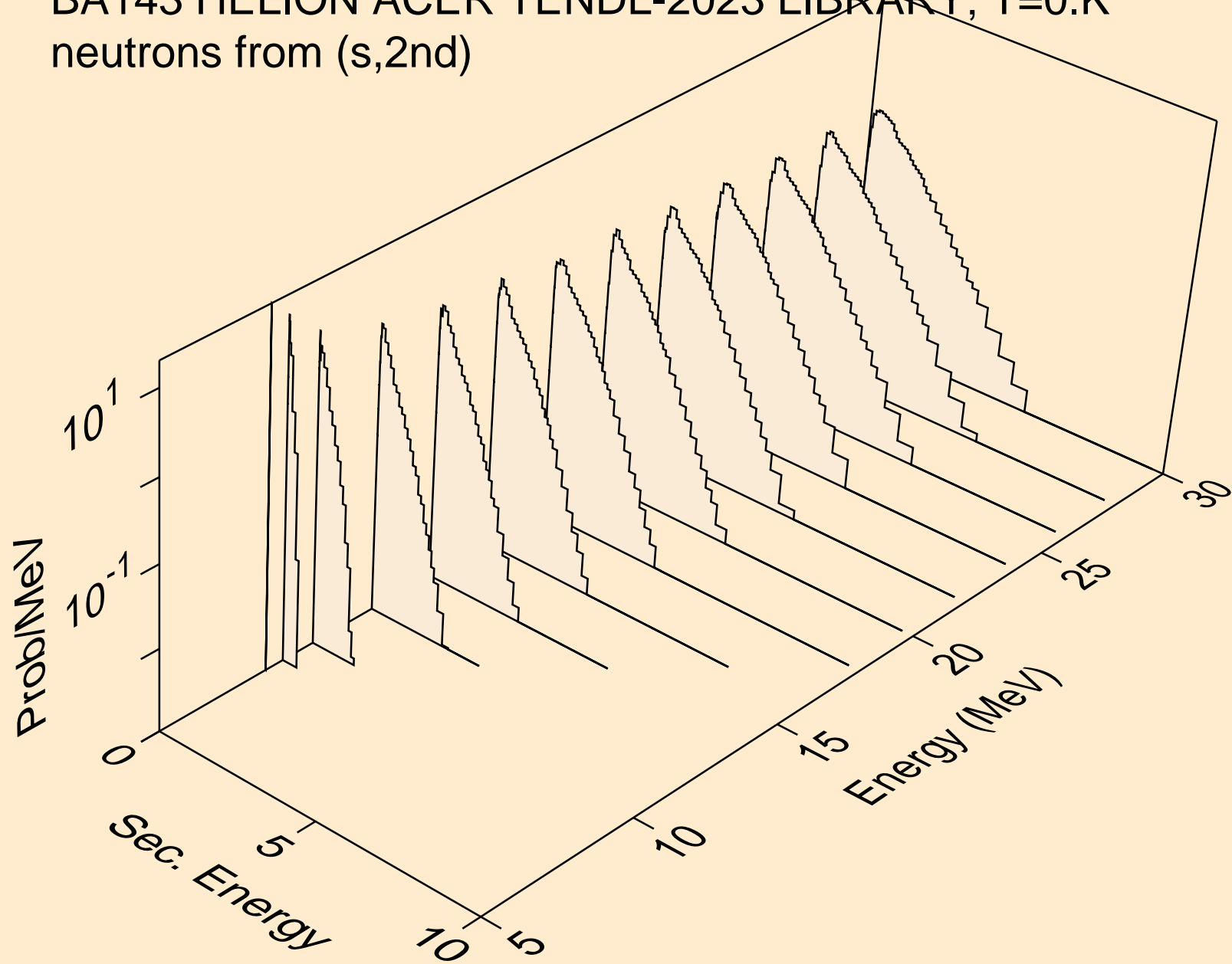
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



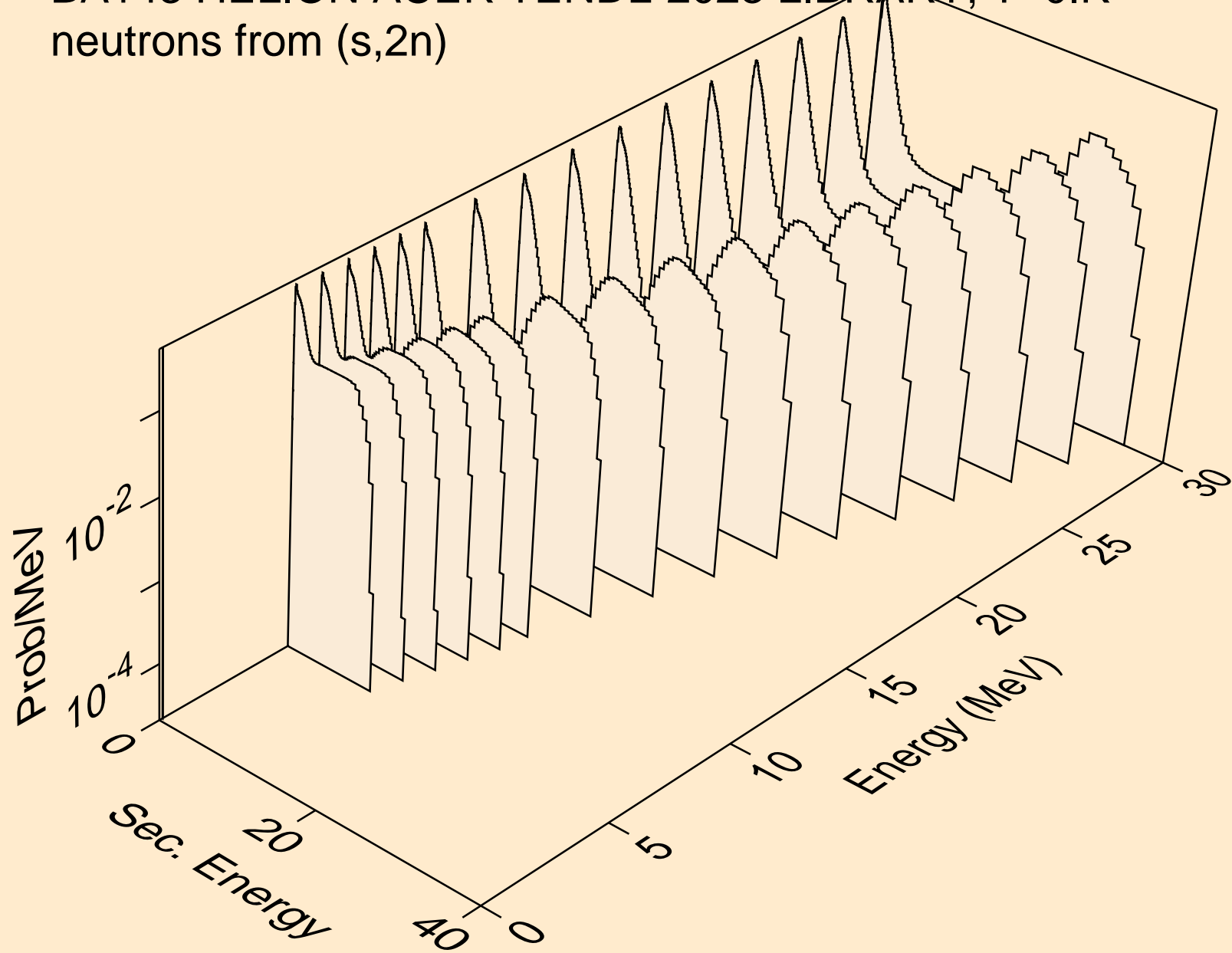
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neutrons from (s,x)



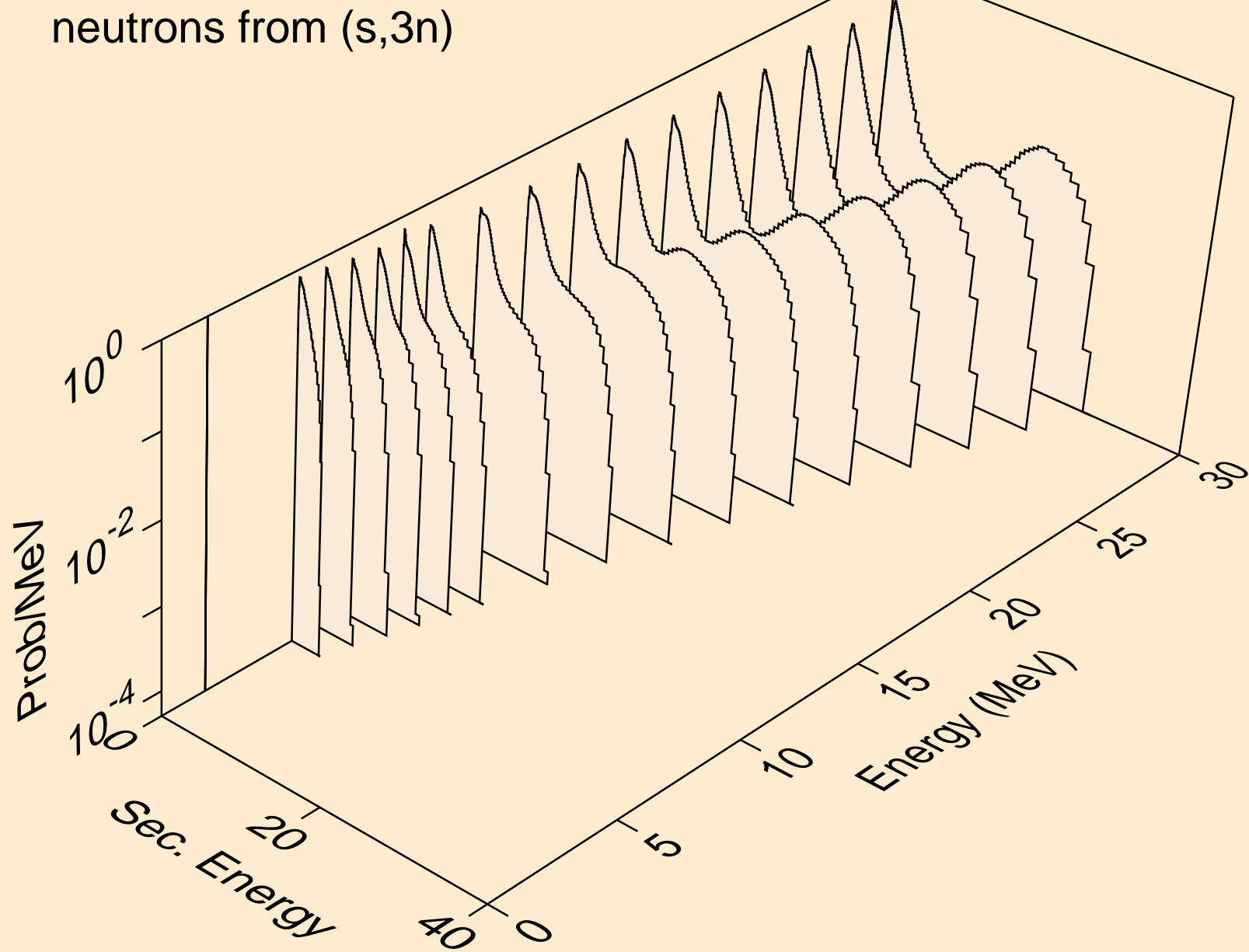
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)

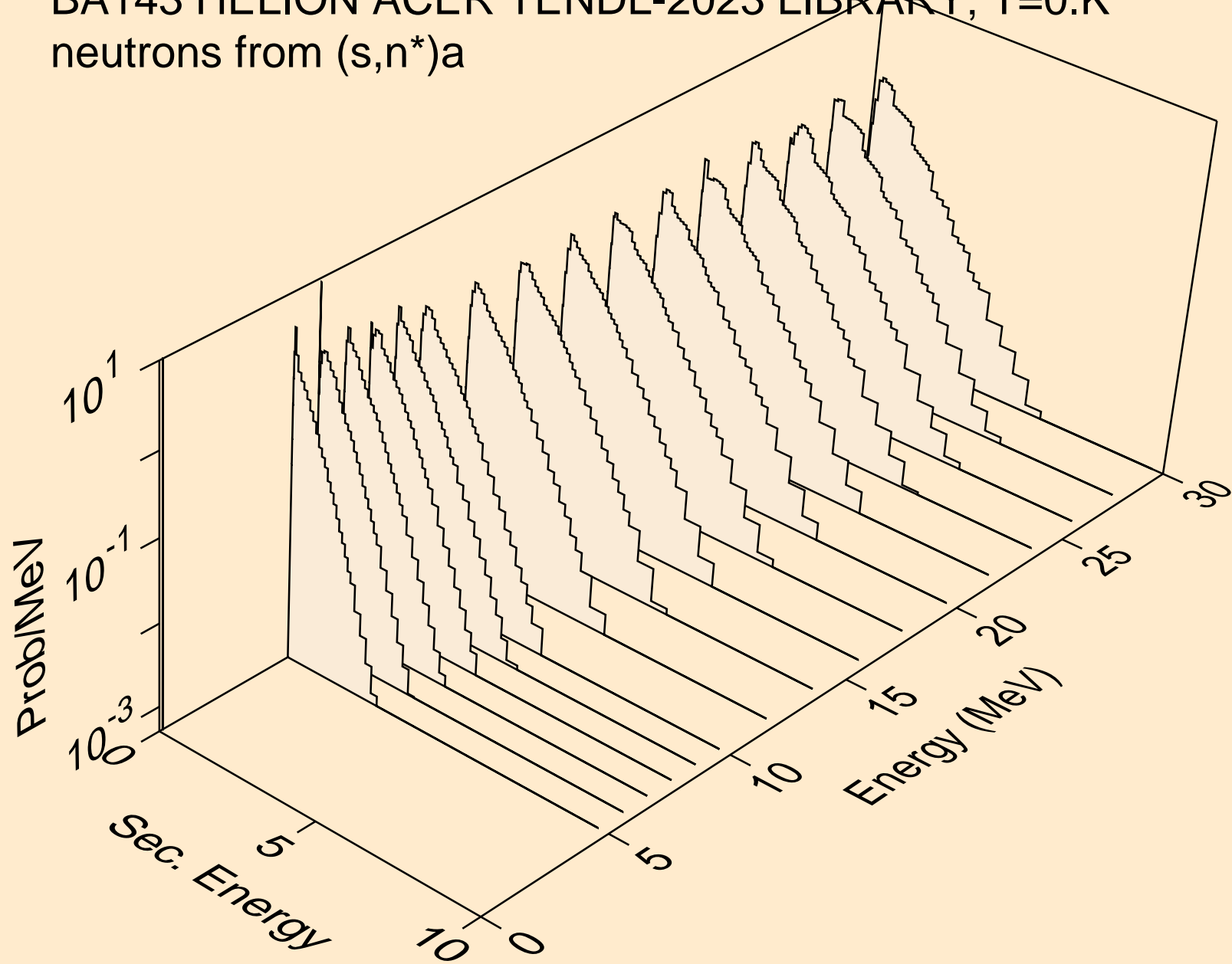


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

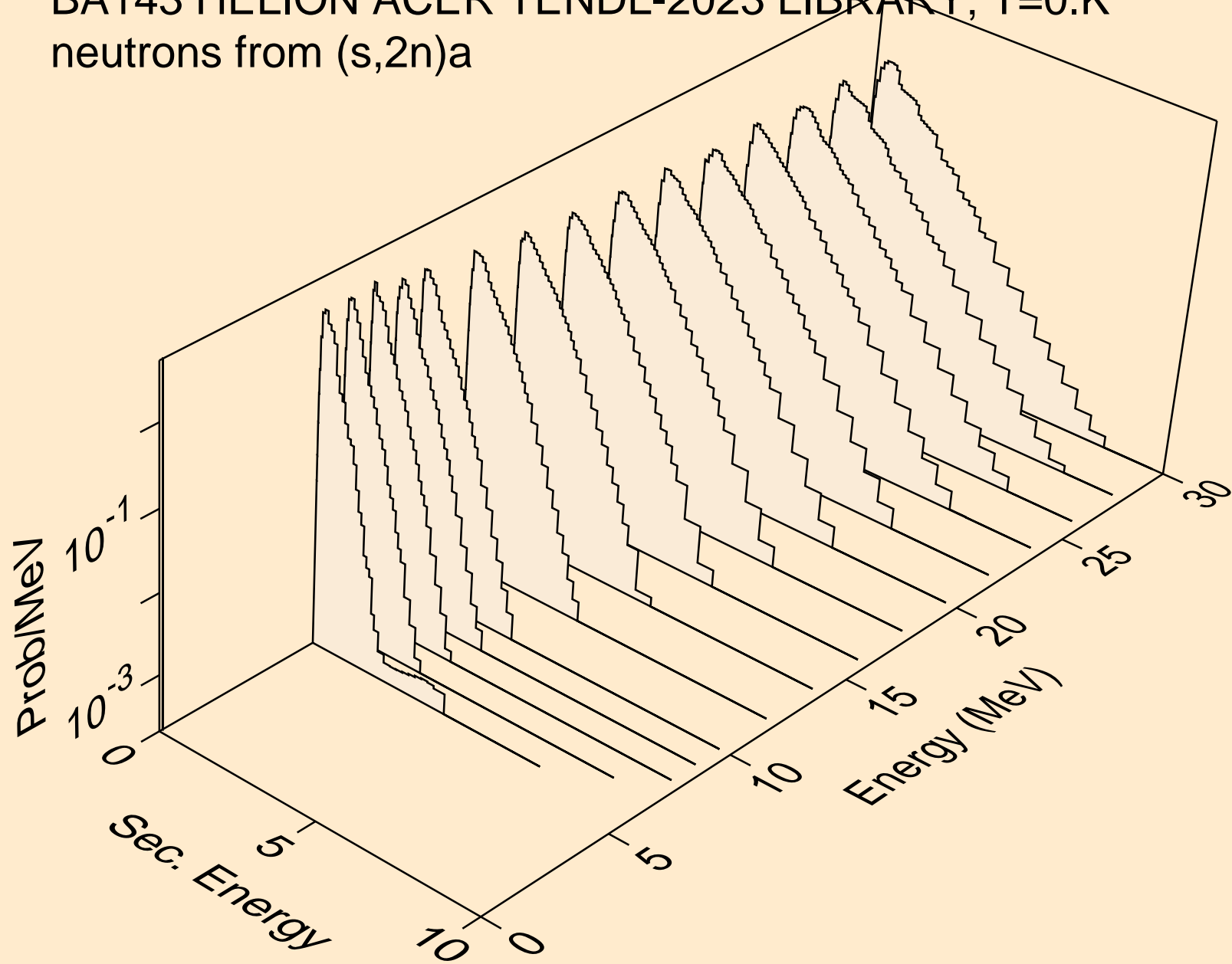




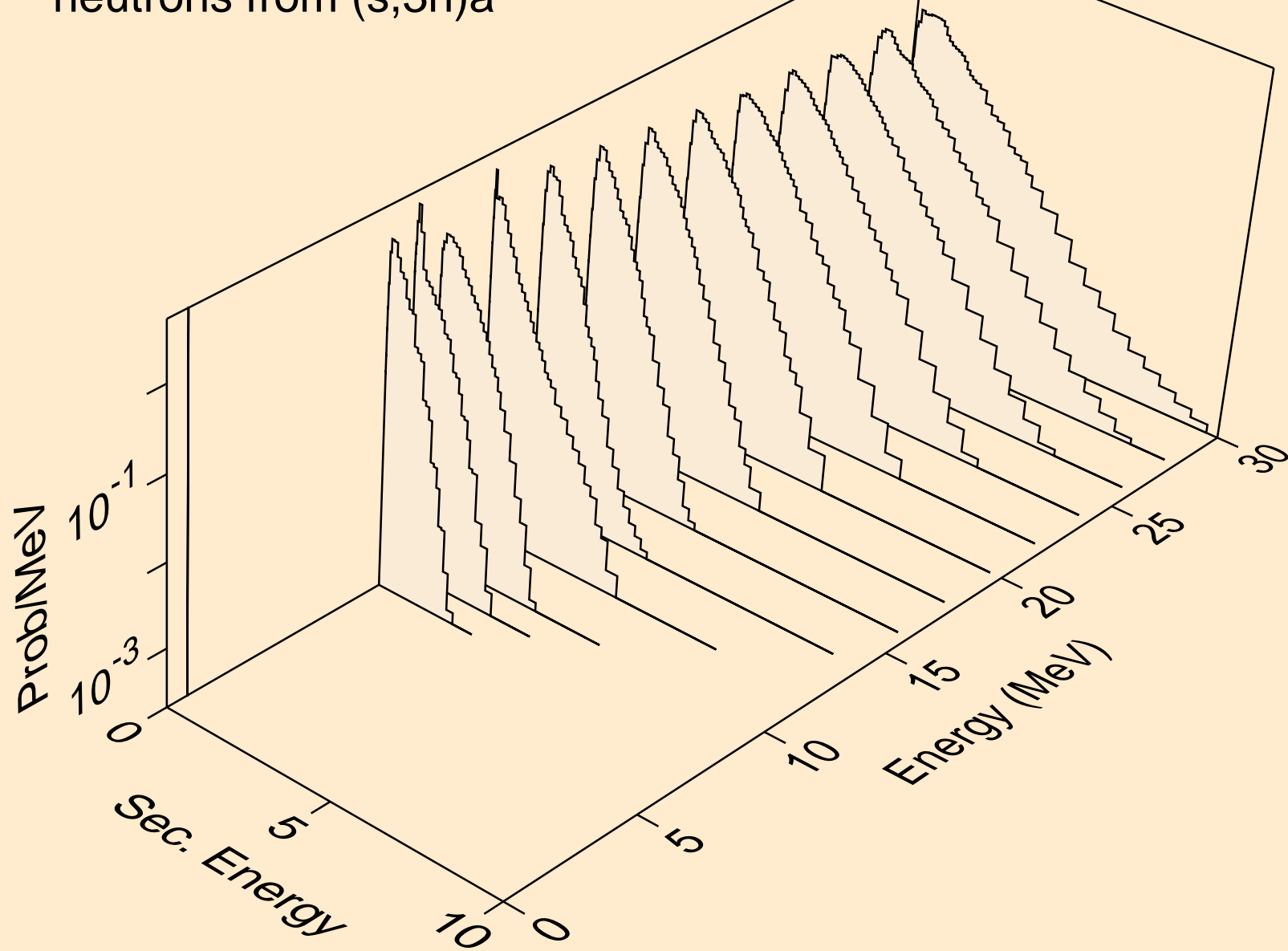
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



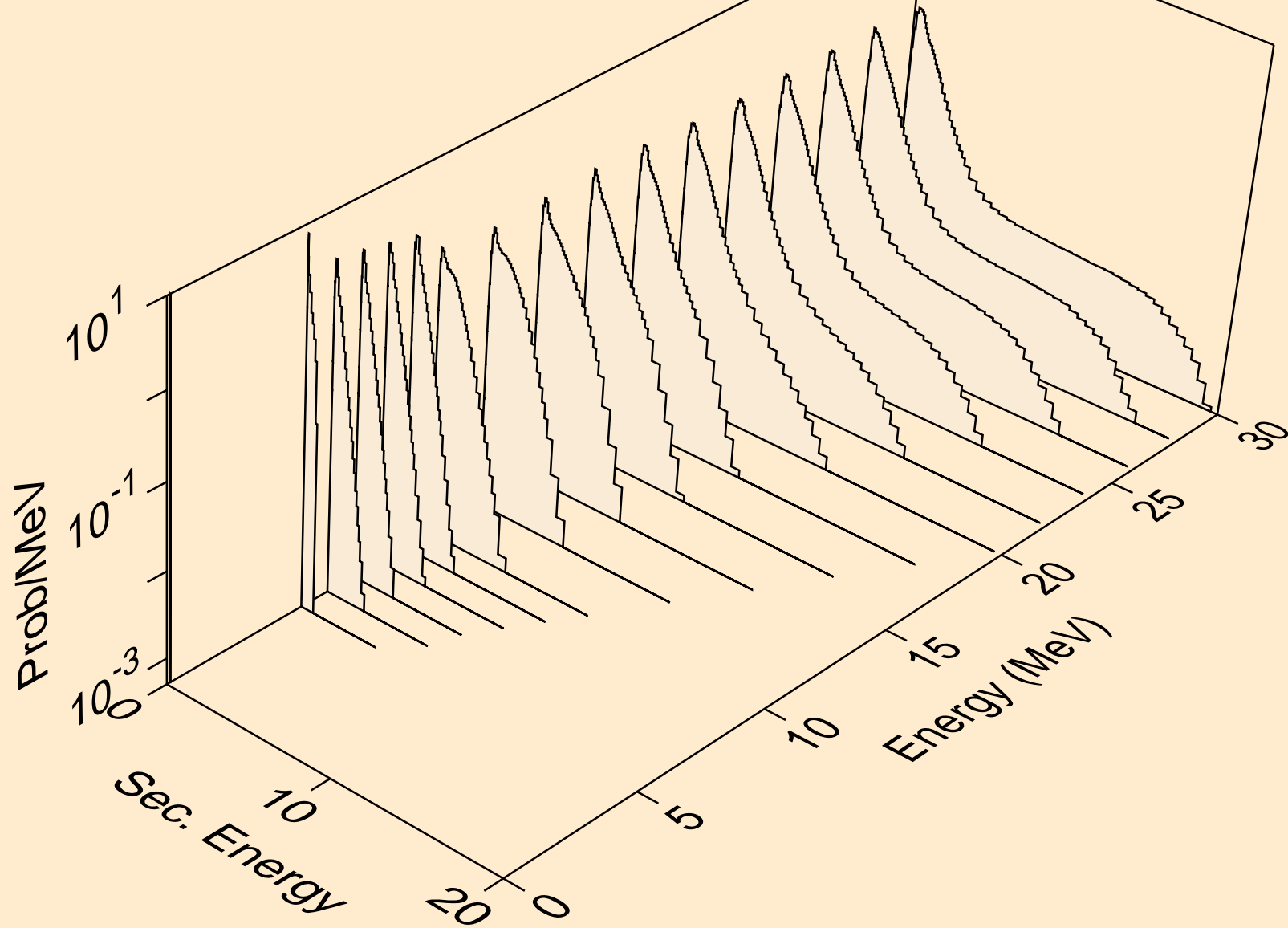
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



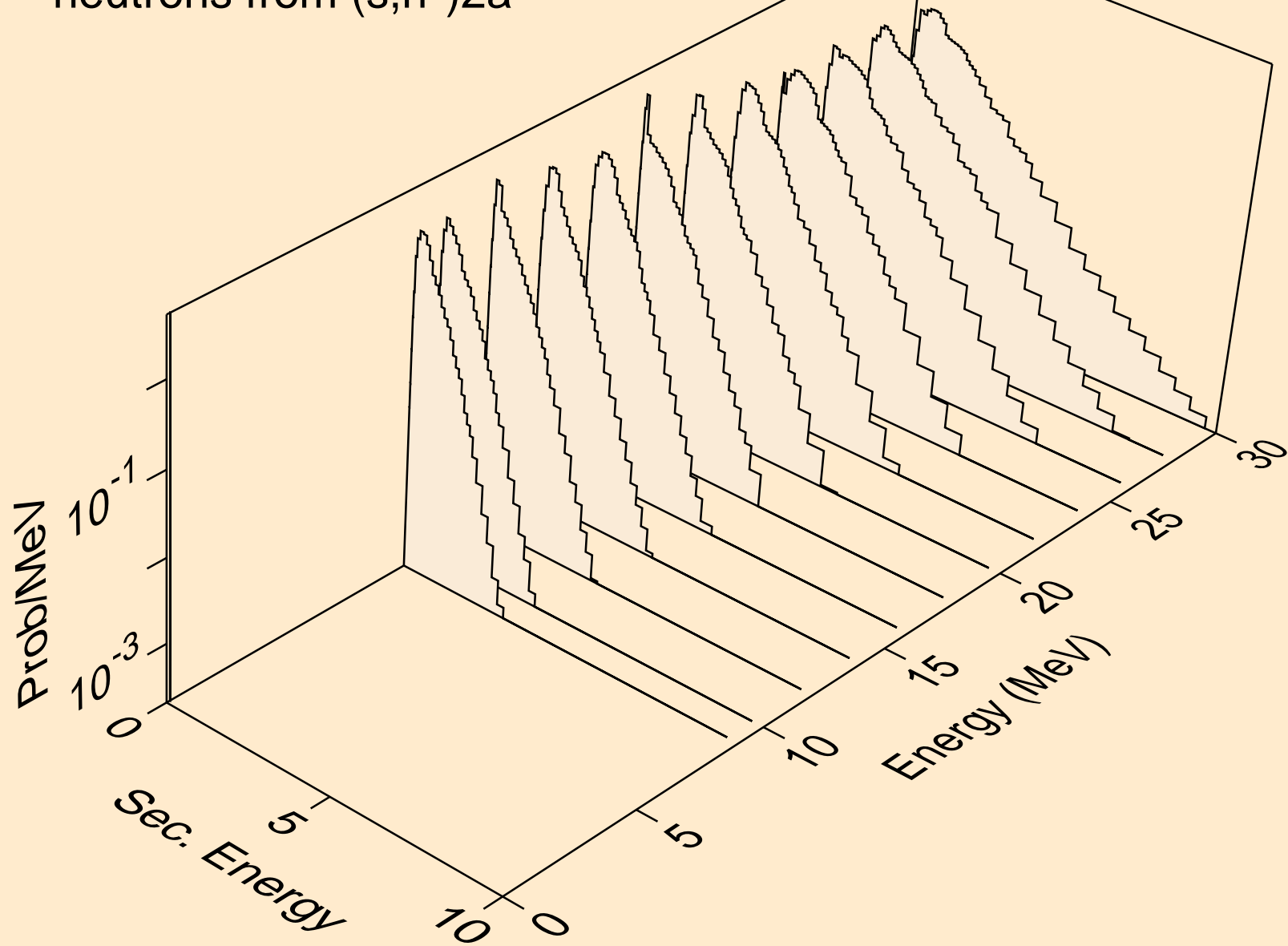
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neutrons from (s,3n)a



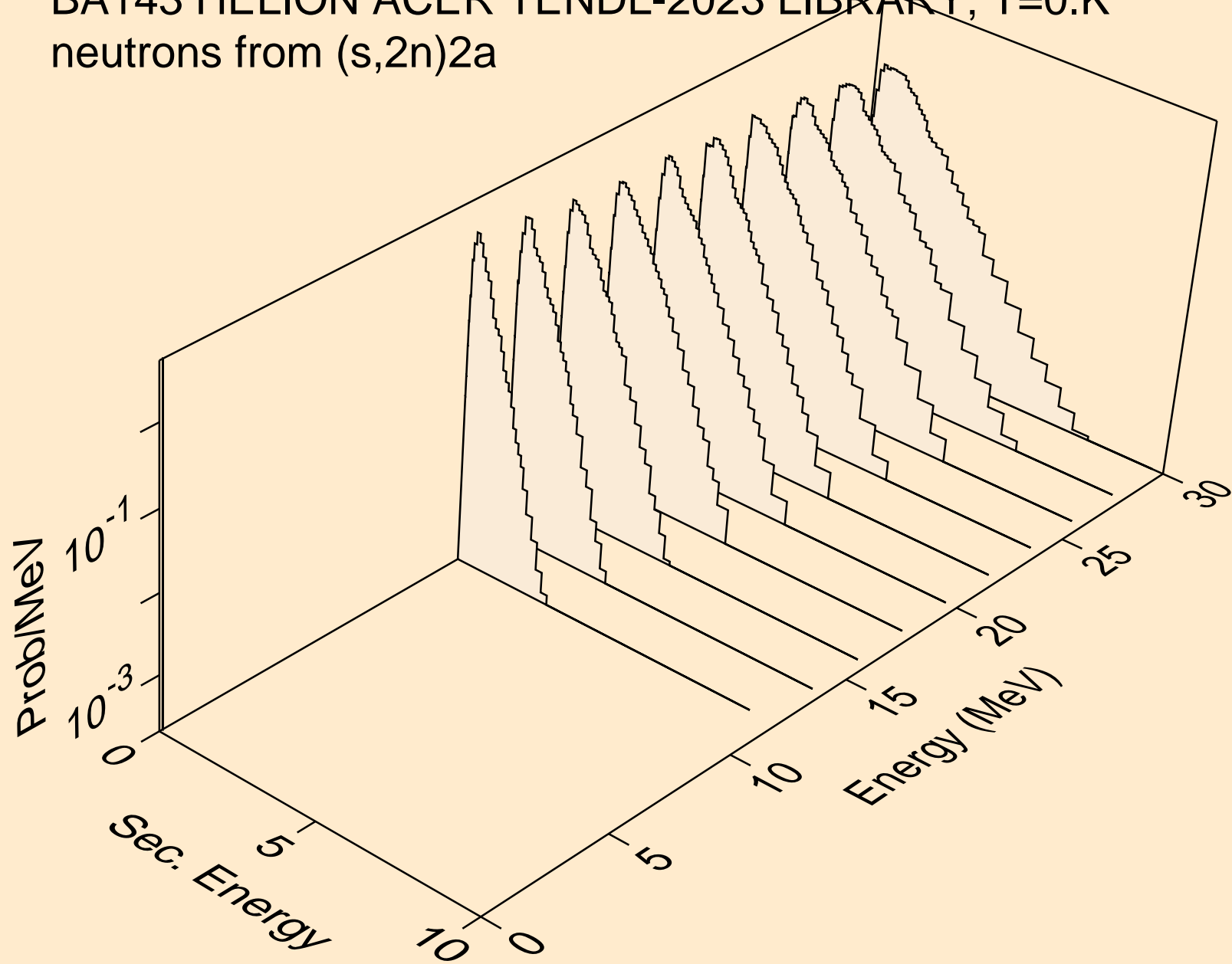
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



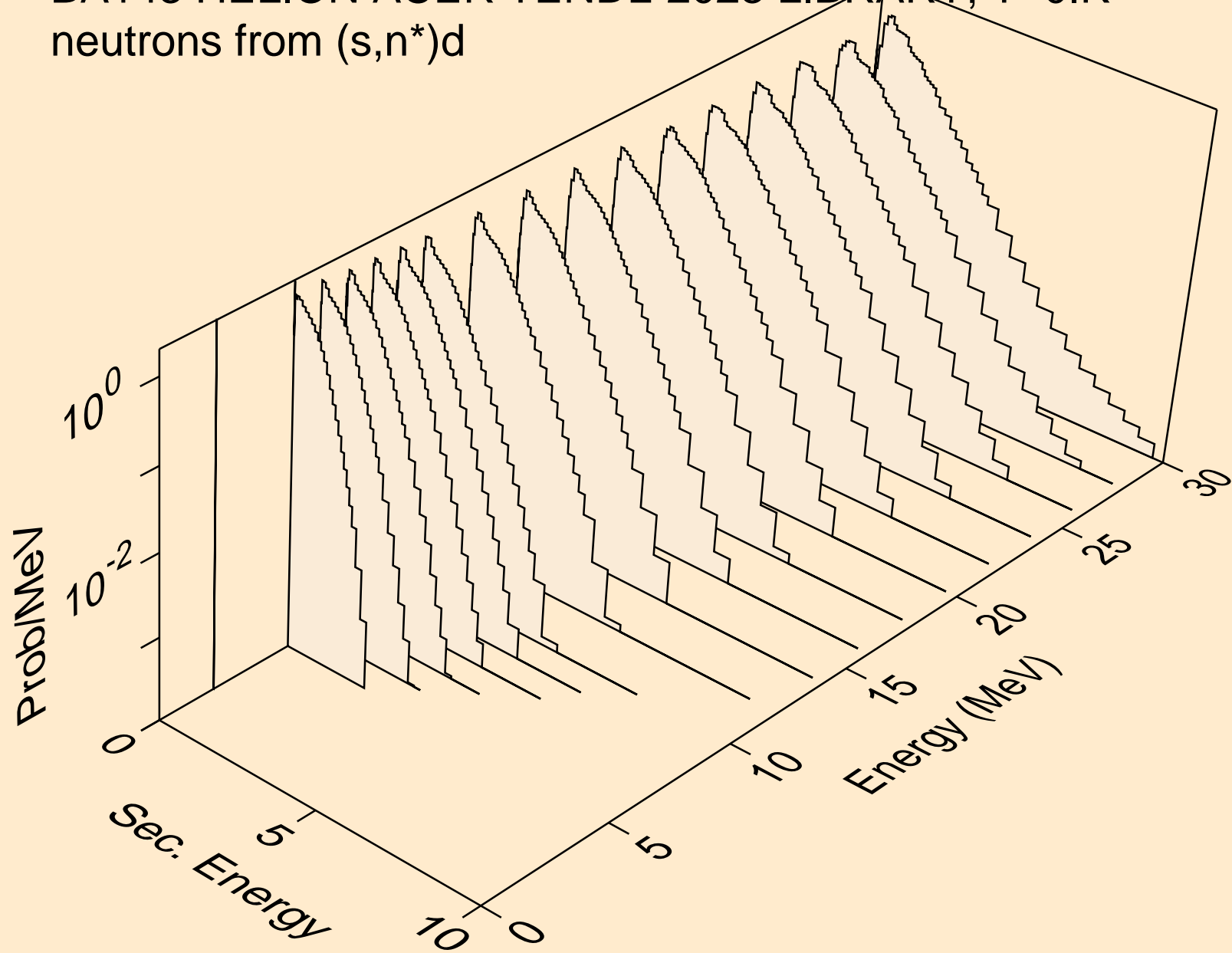
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neutrons from (s,n\*)2a



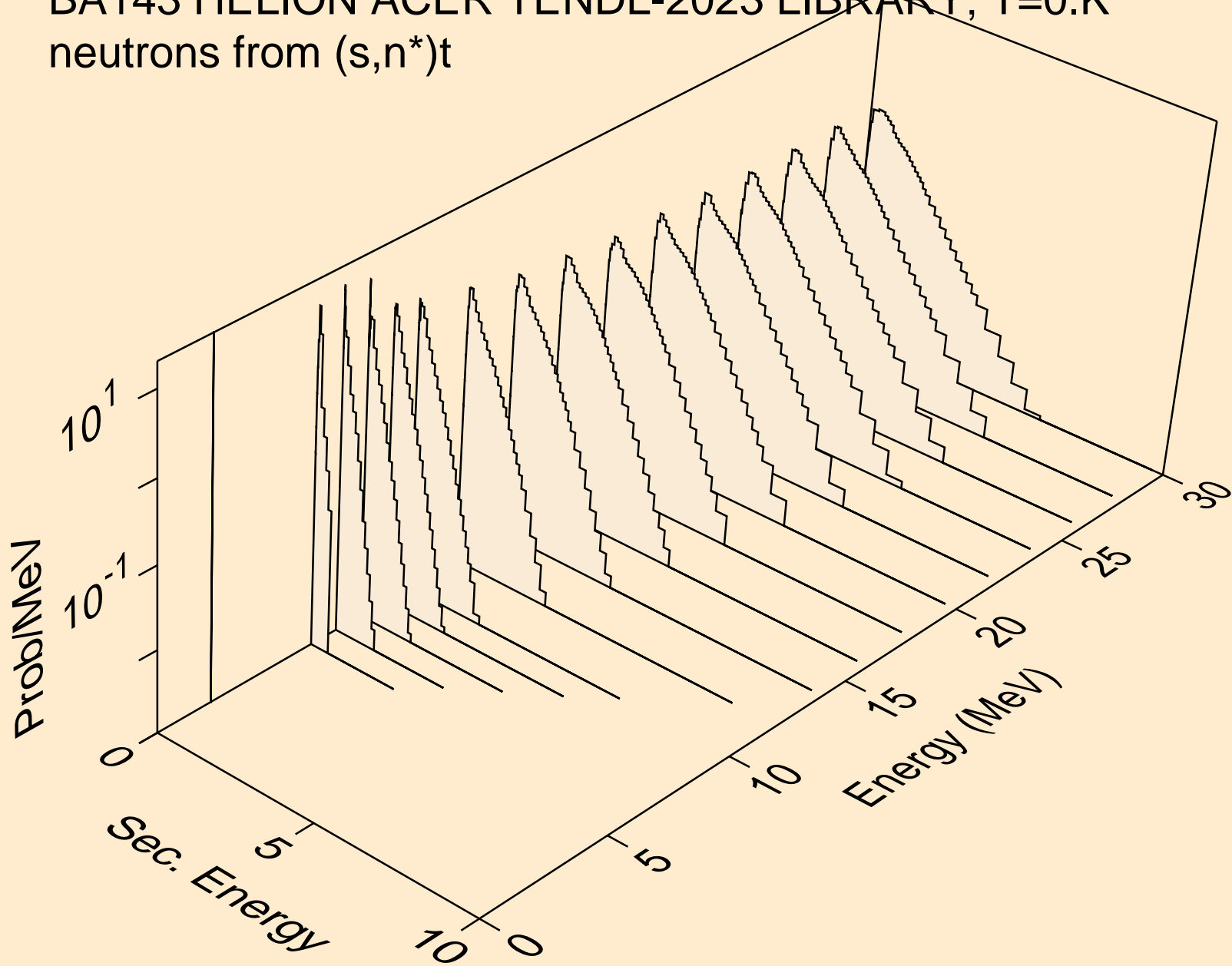
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neutrons from (s,2n)2a



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d

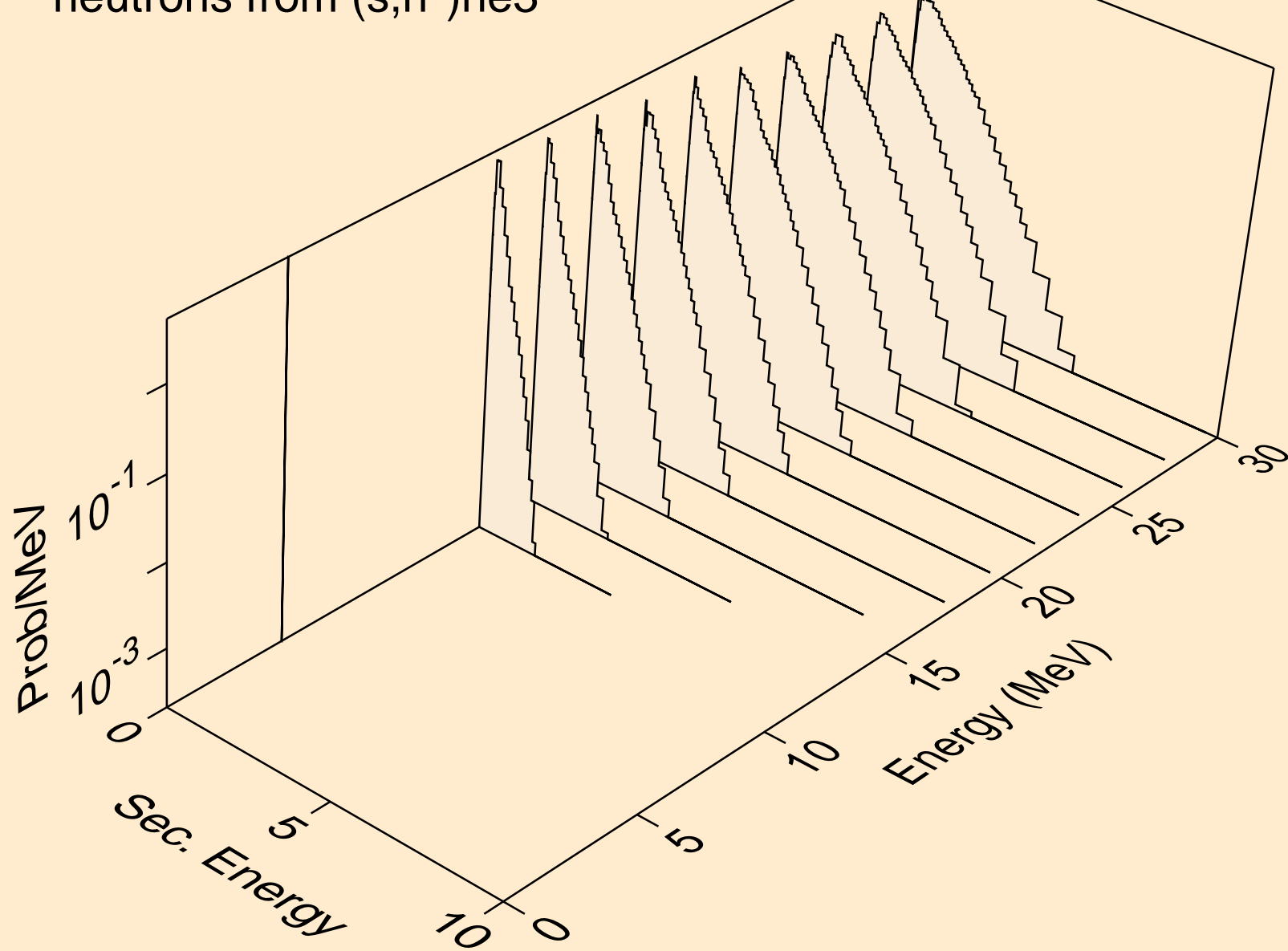


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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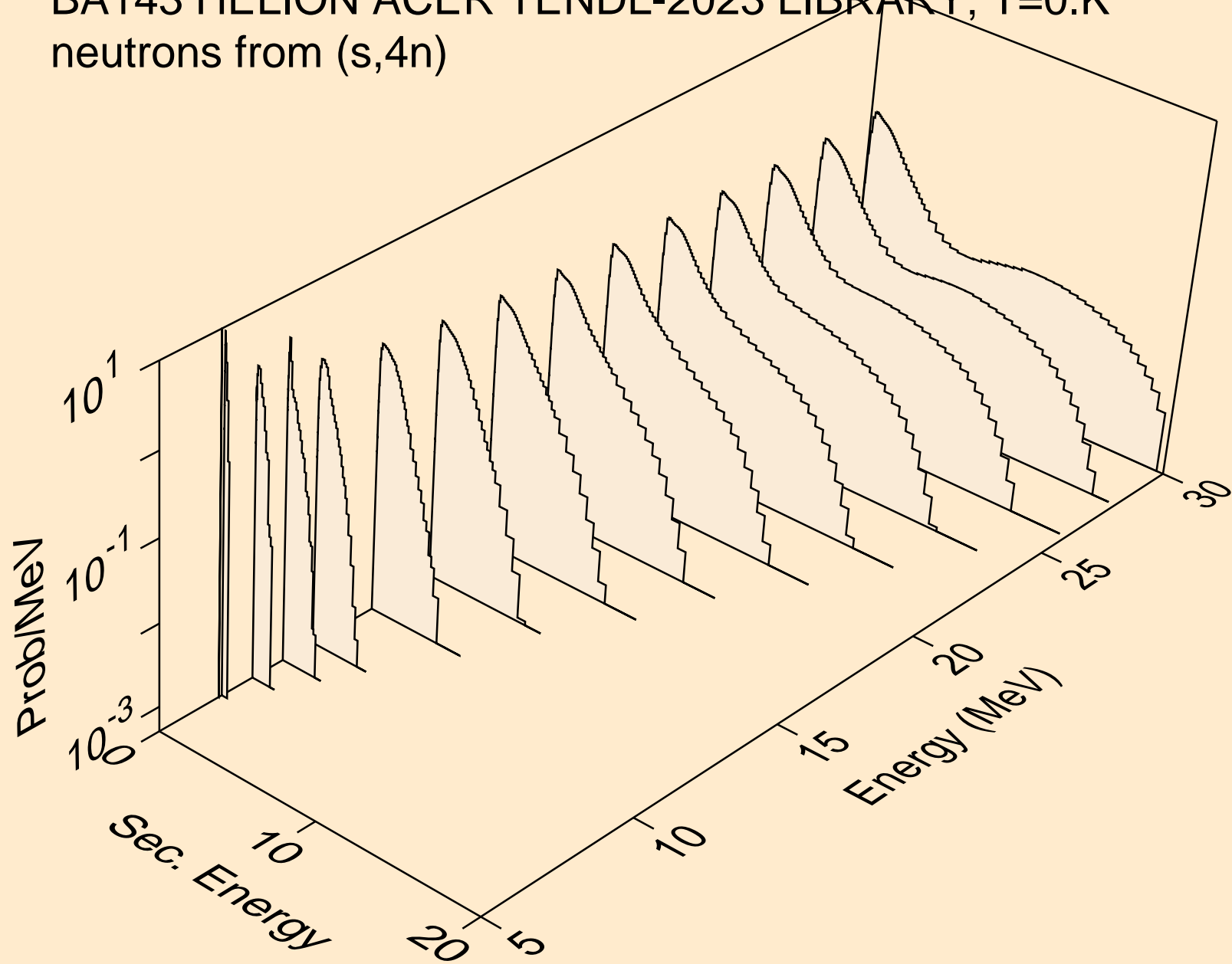




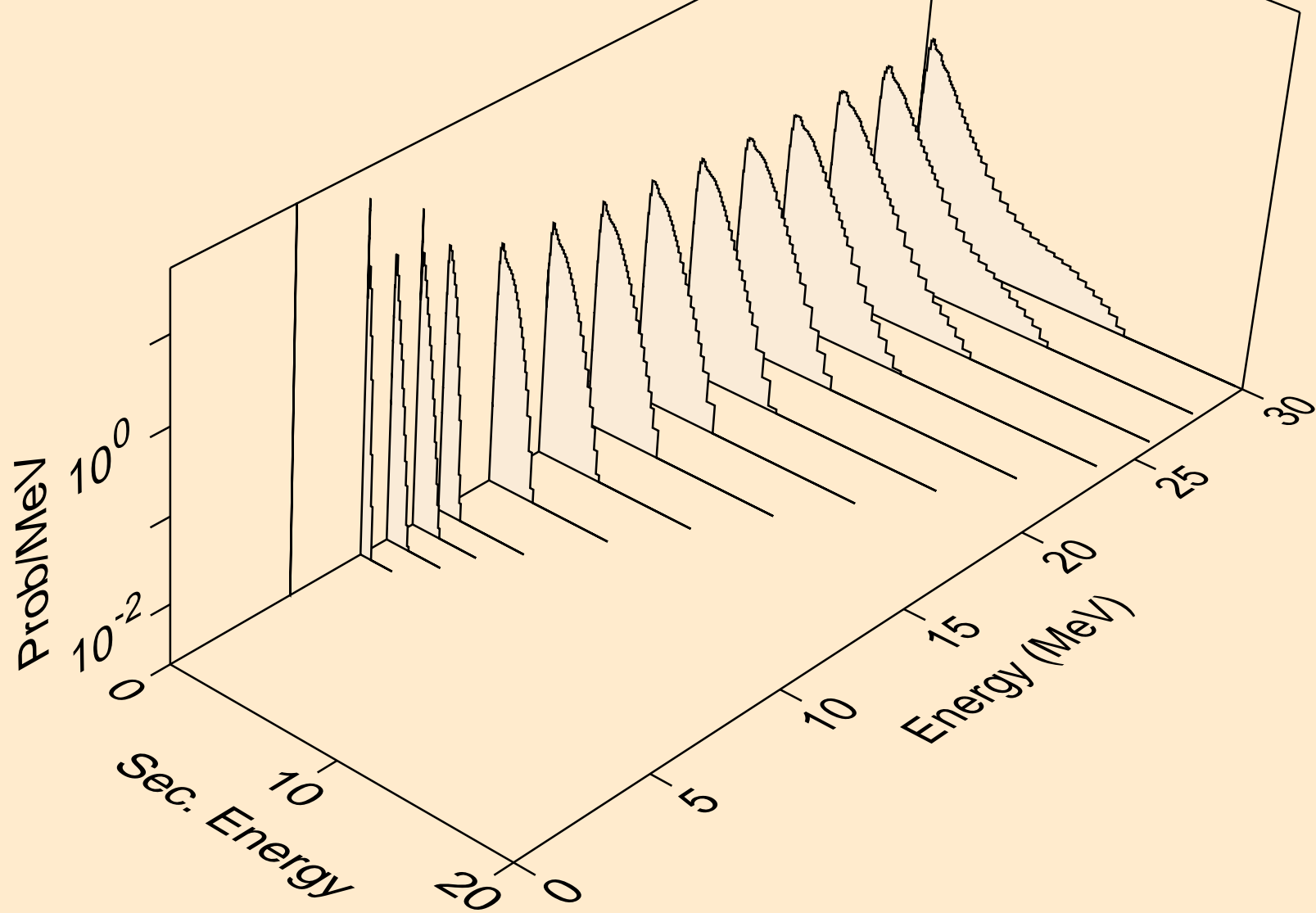
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



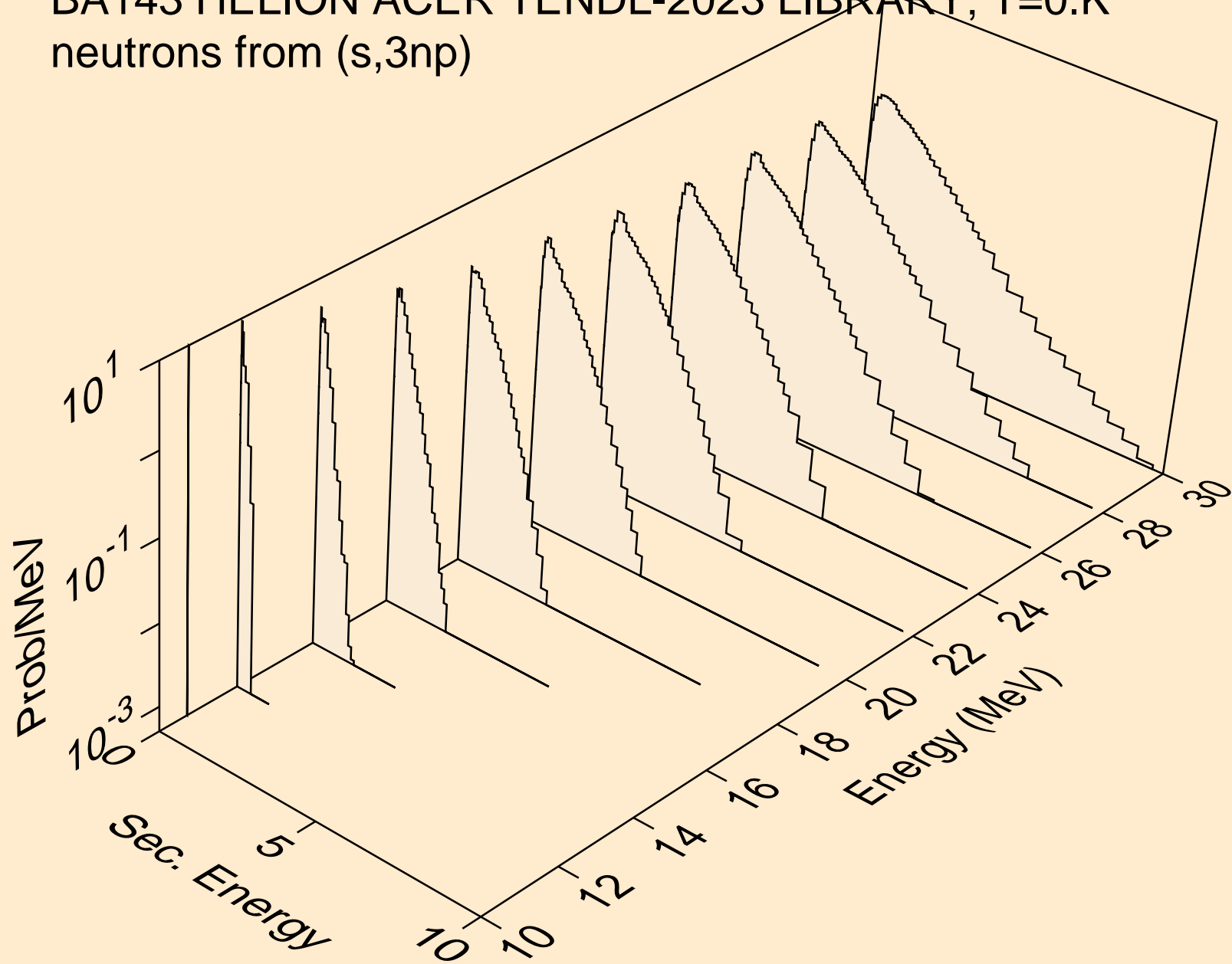
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neutrons from (s,4n)



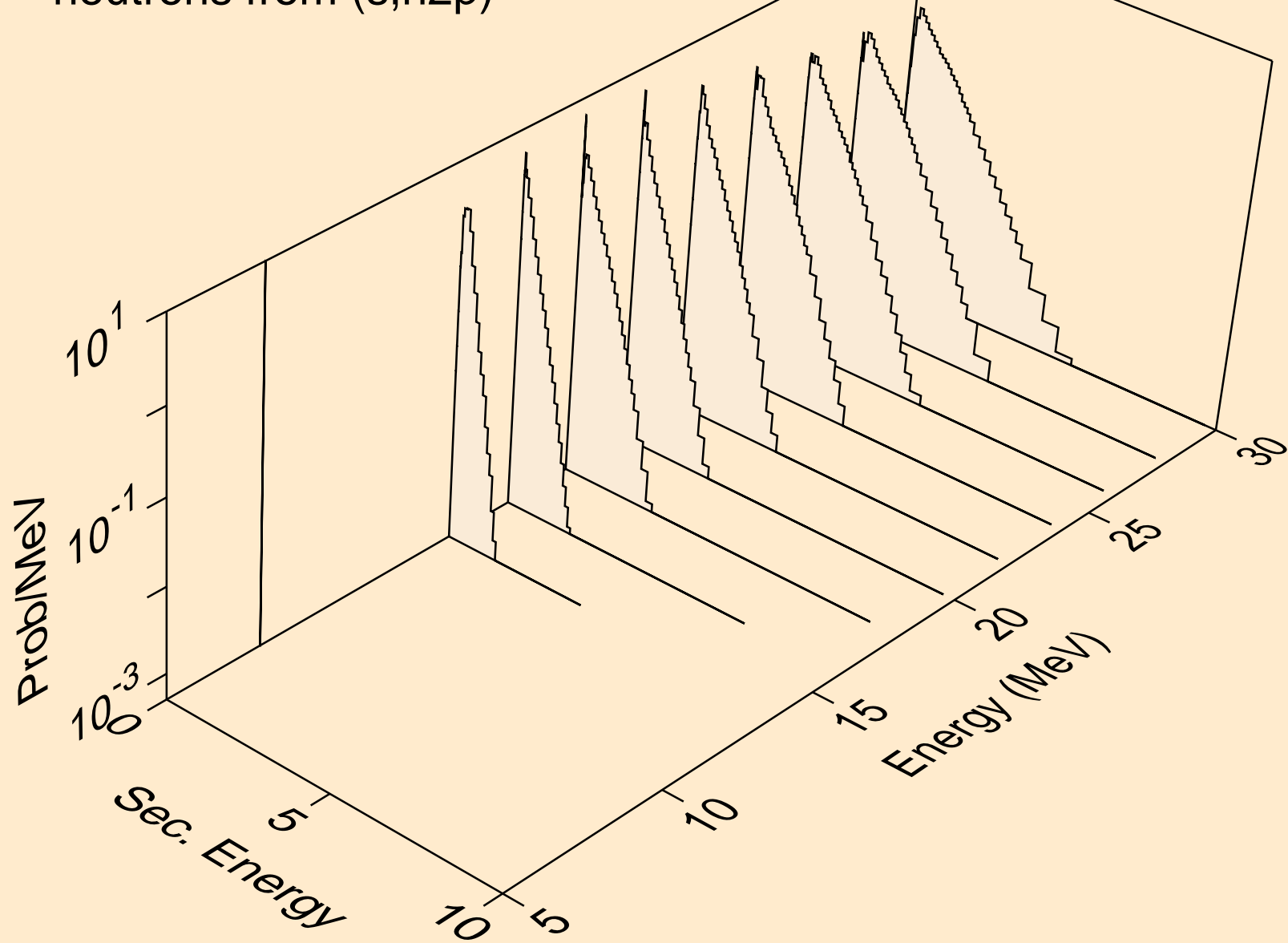
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neutrons from (s,2np)



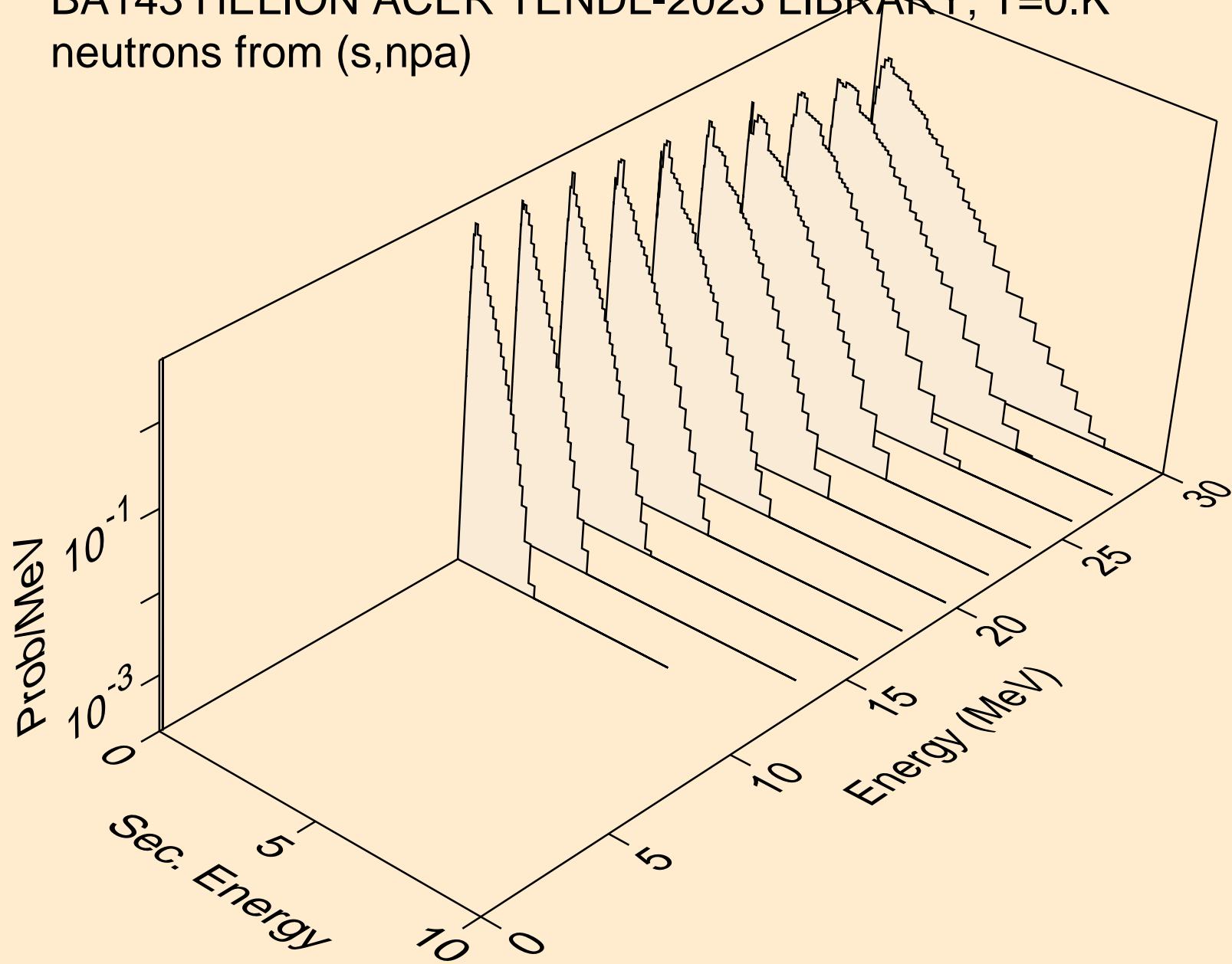
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neutrons from (s,3np)



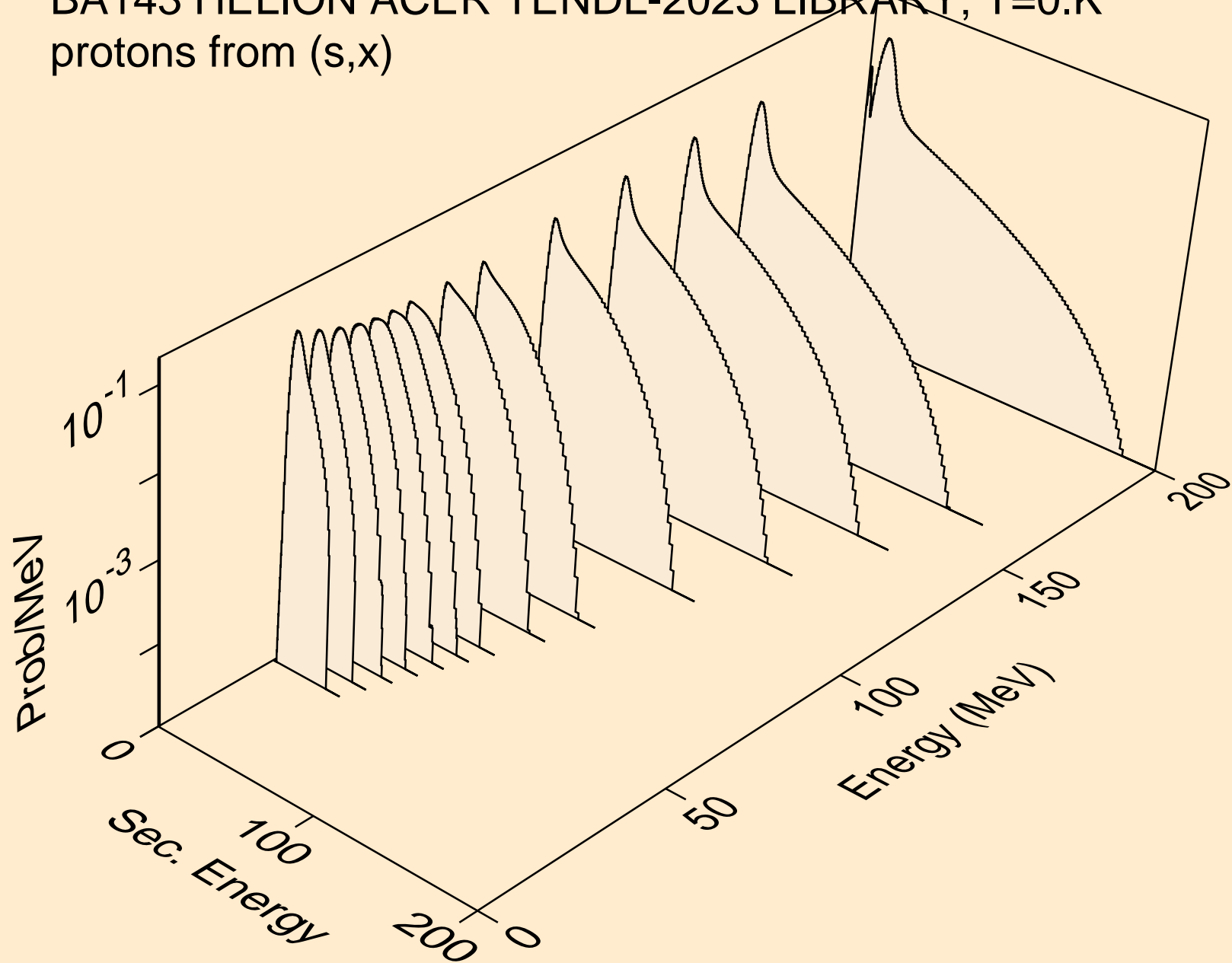
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



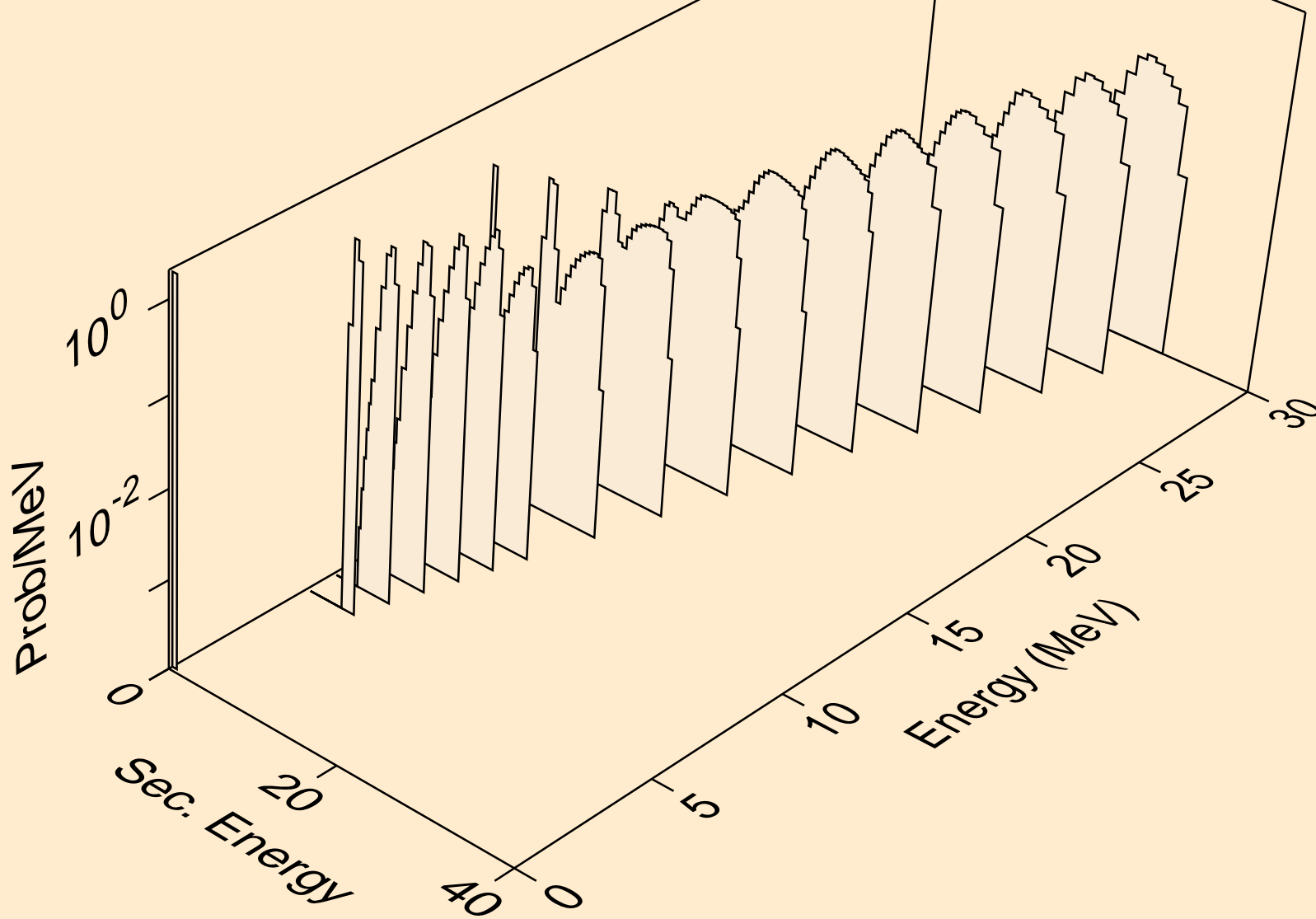
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

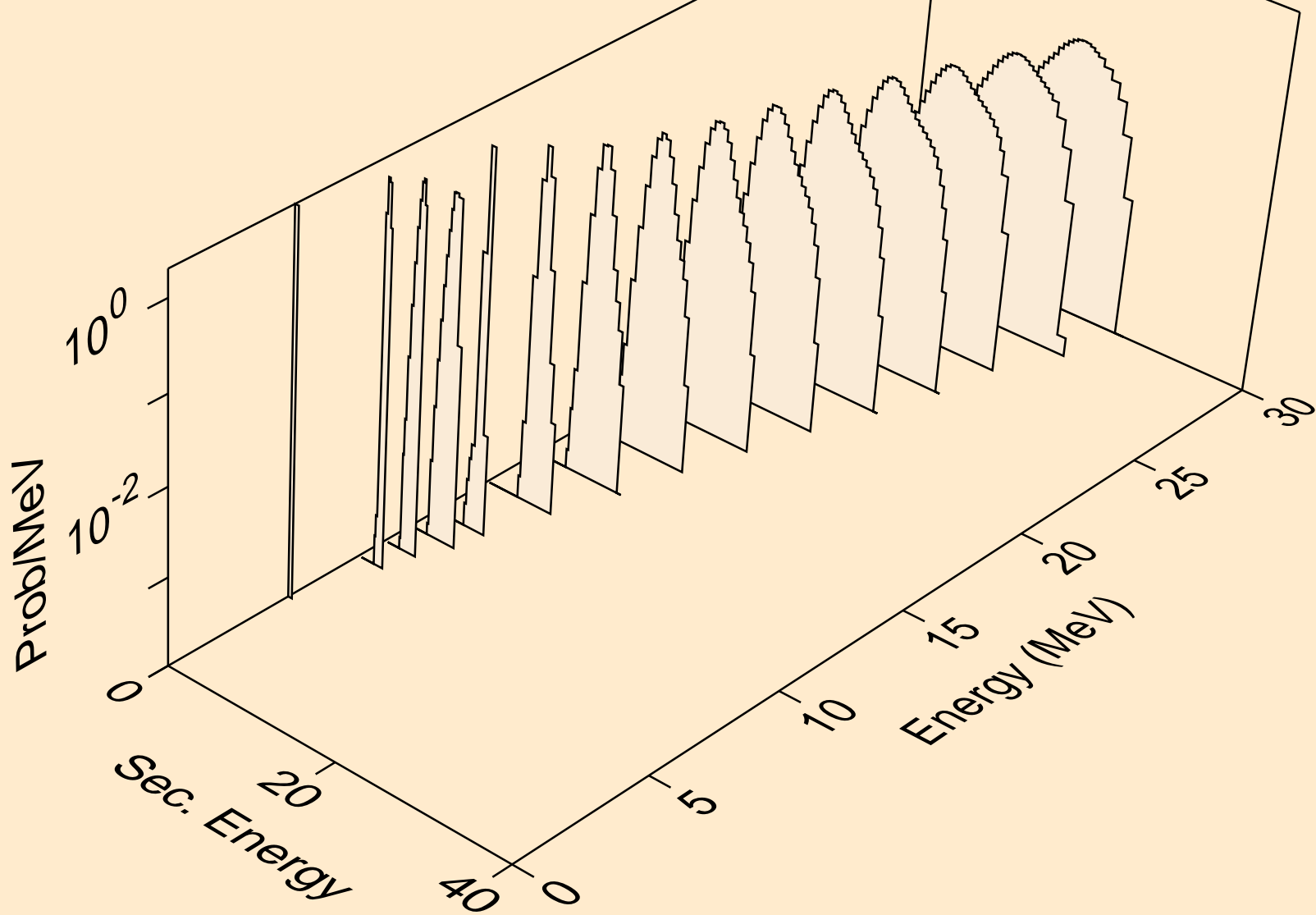


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

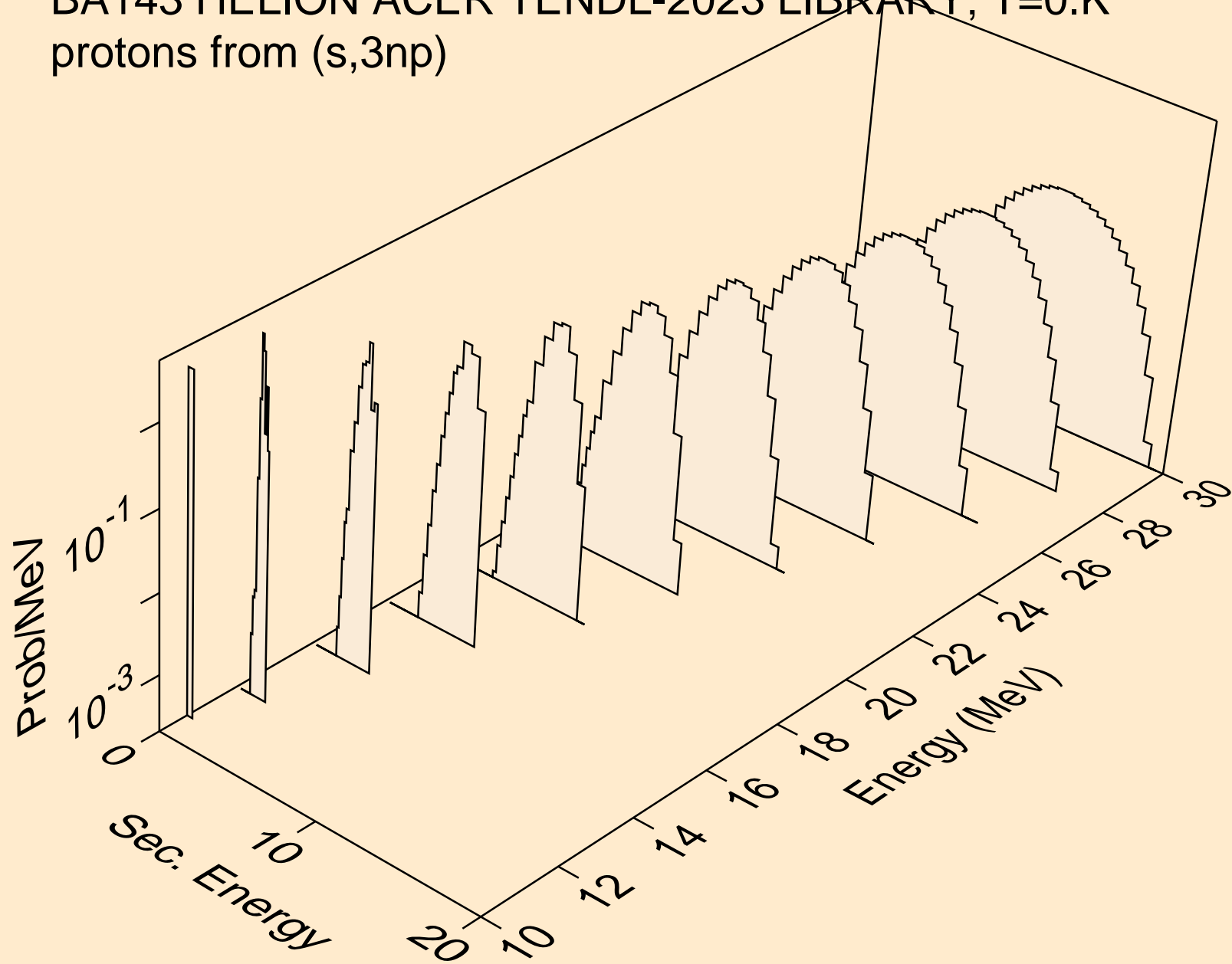




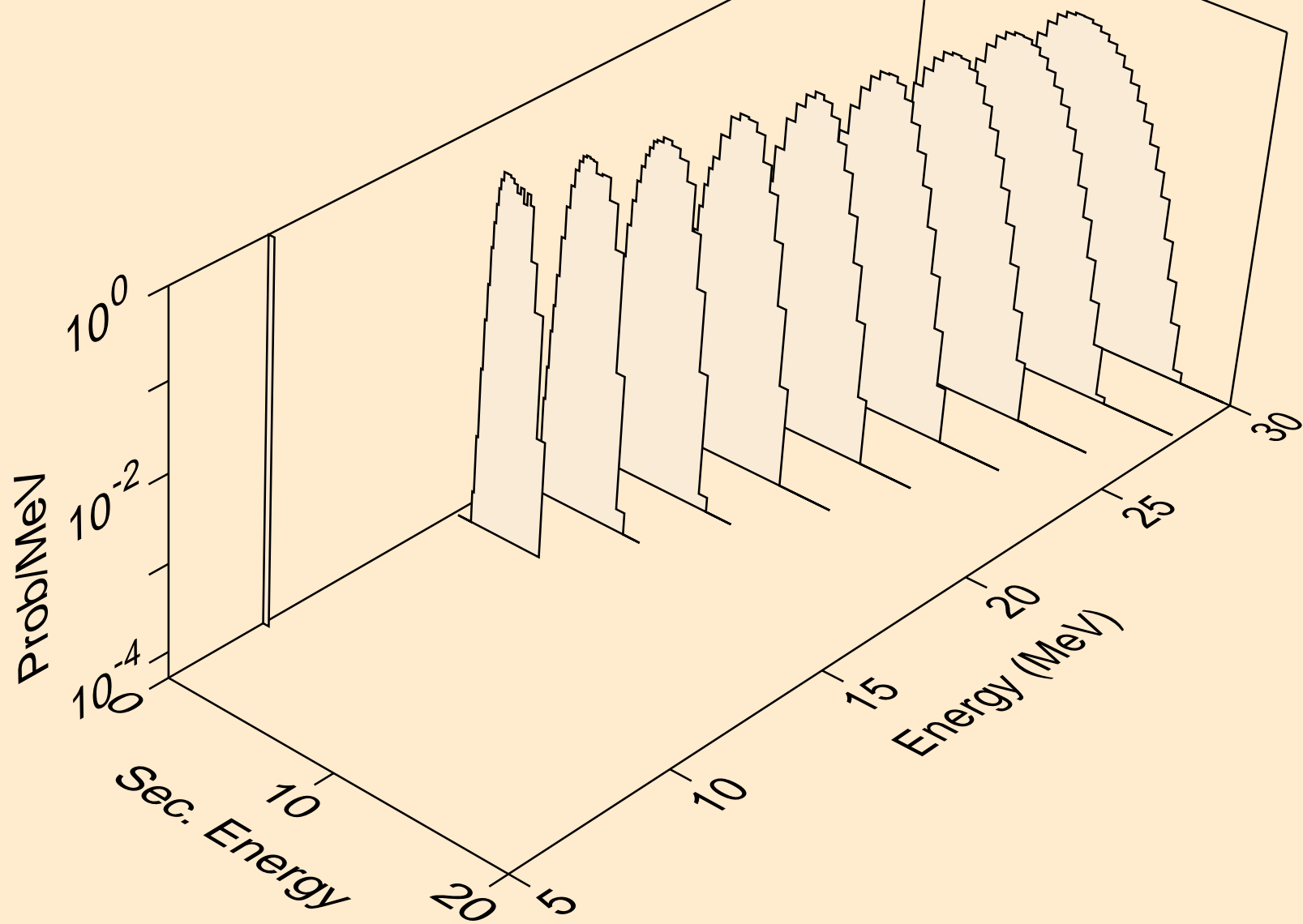
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



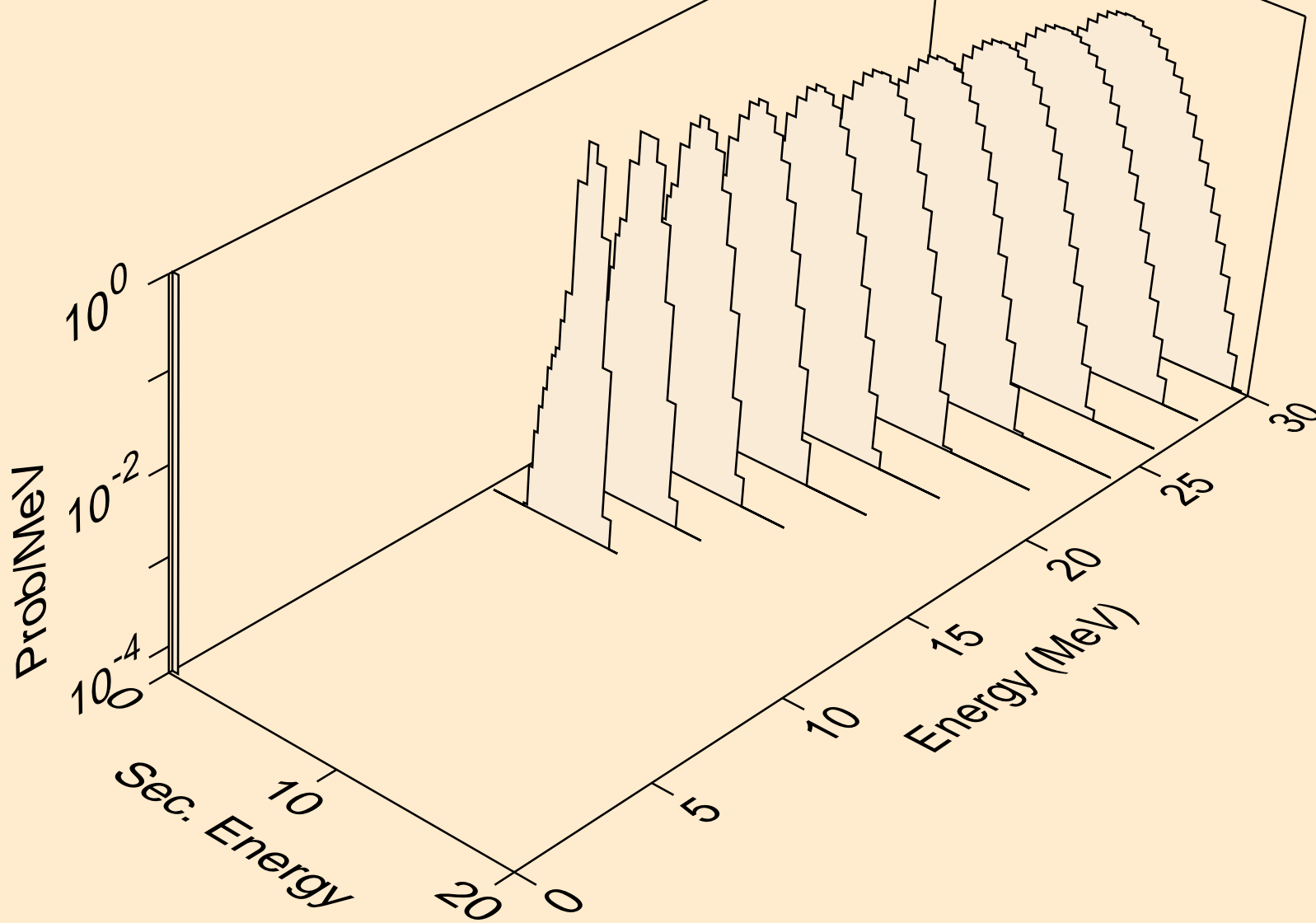
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



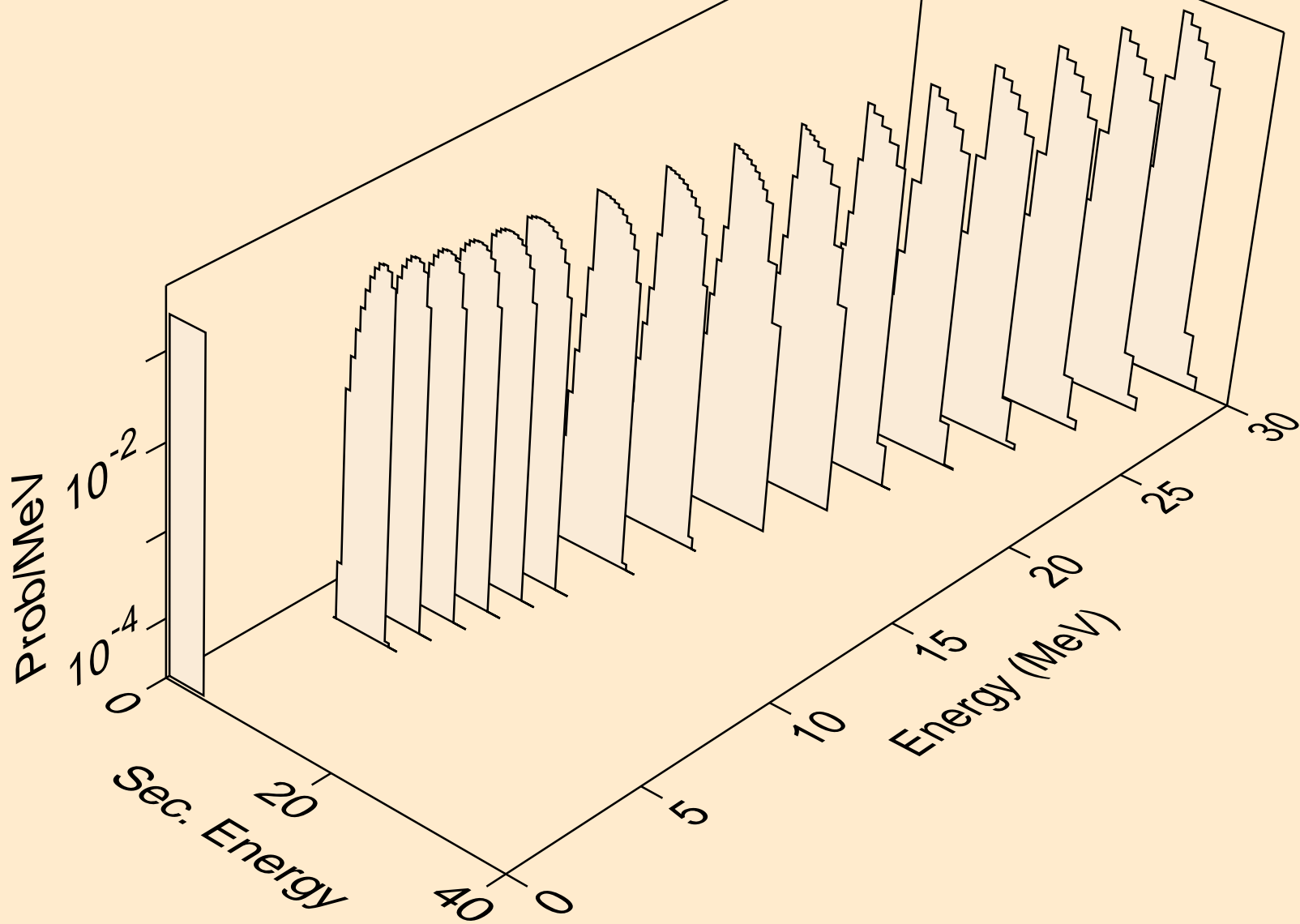
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



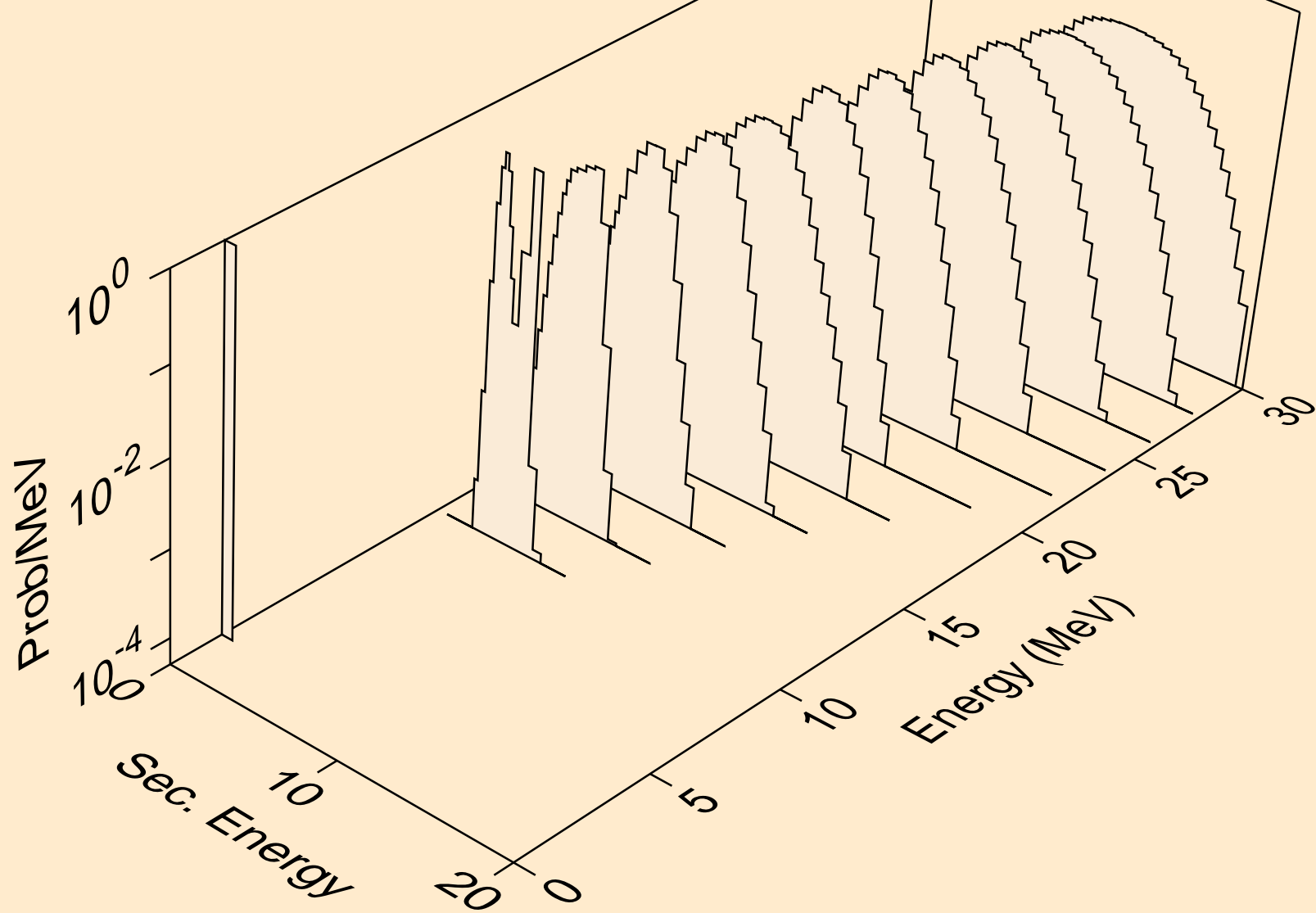
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



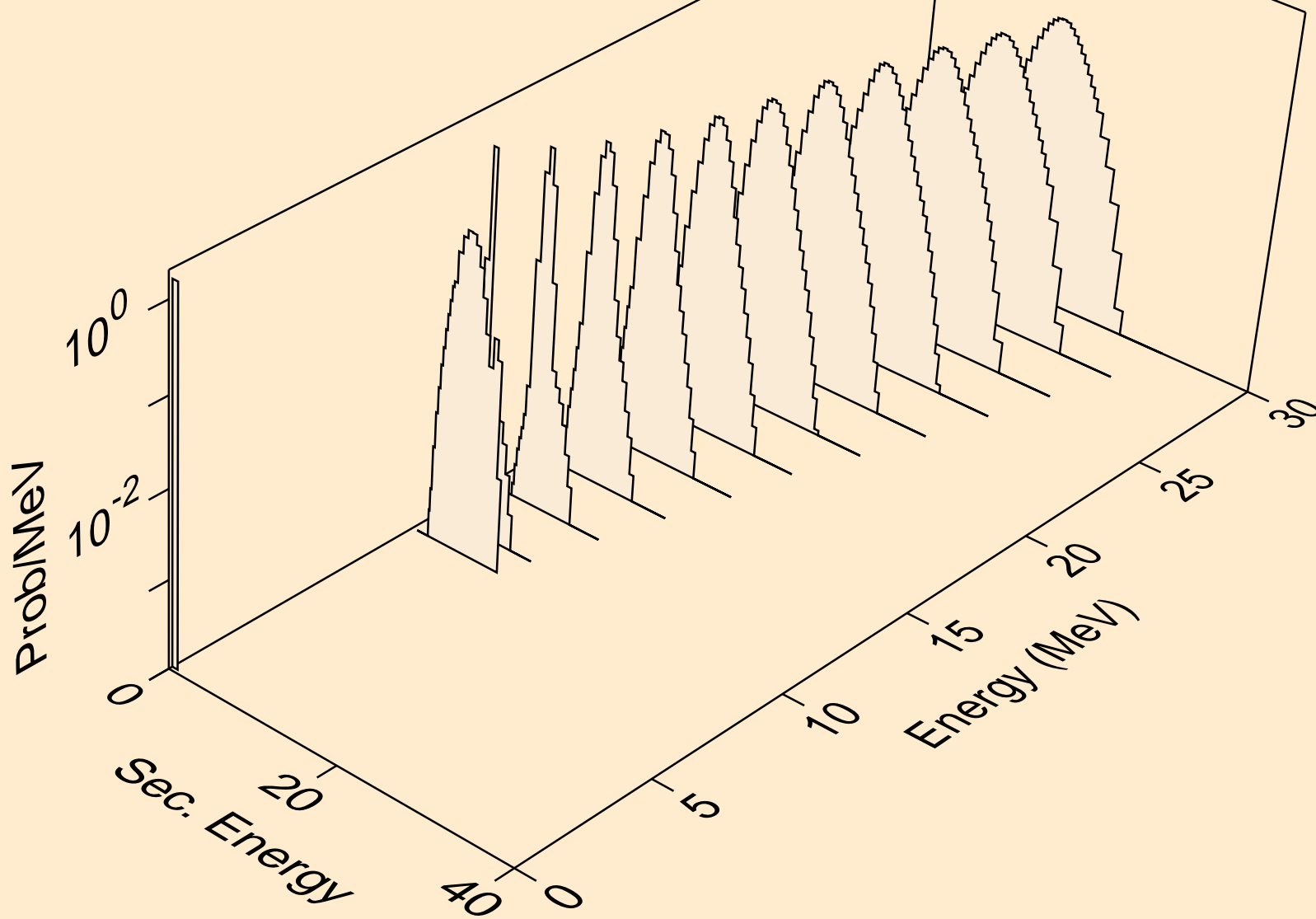
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



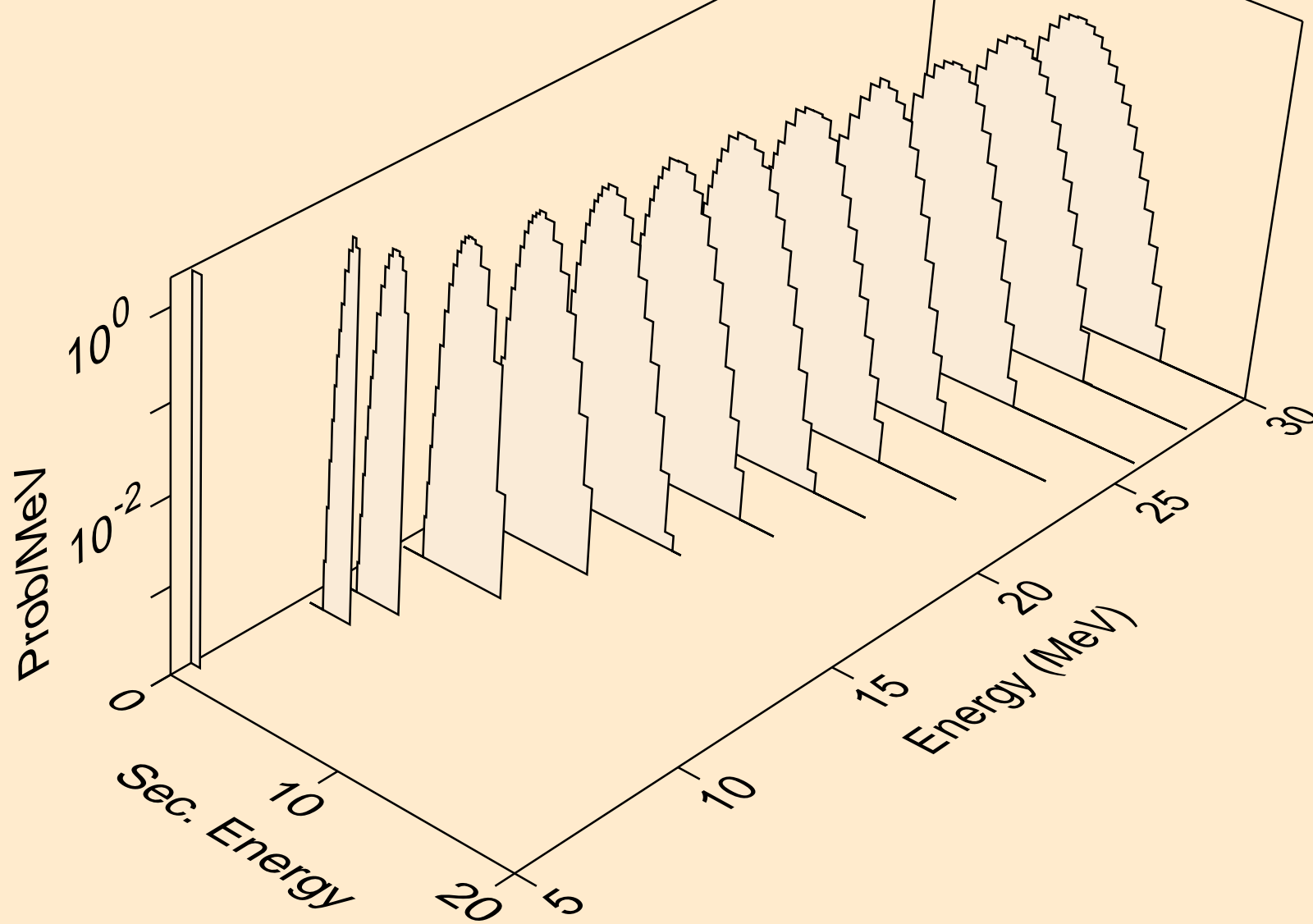
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

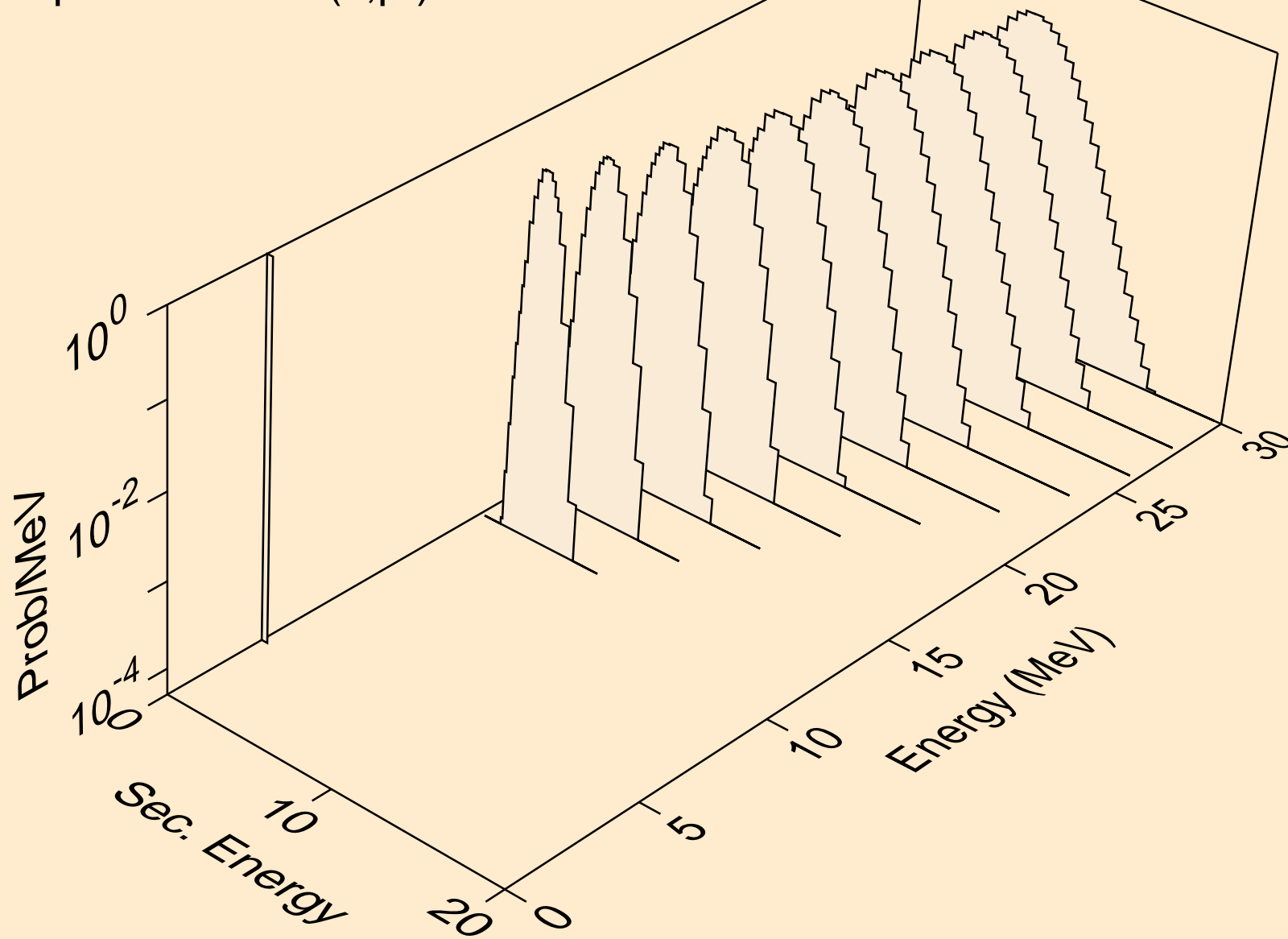


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)

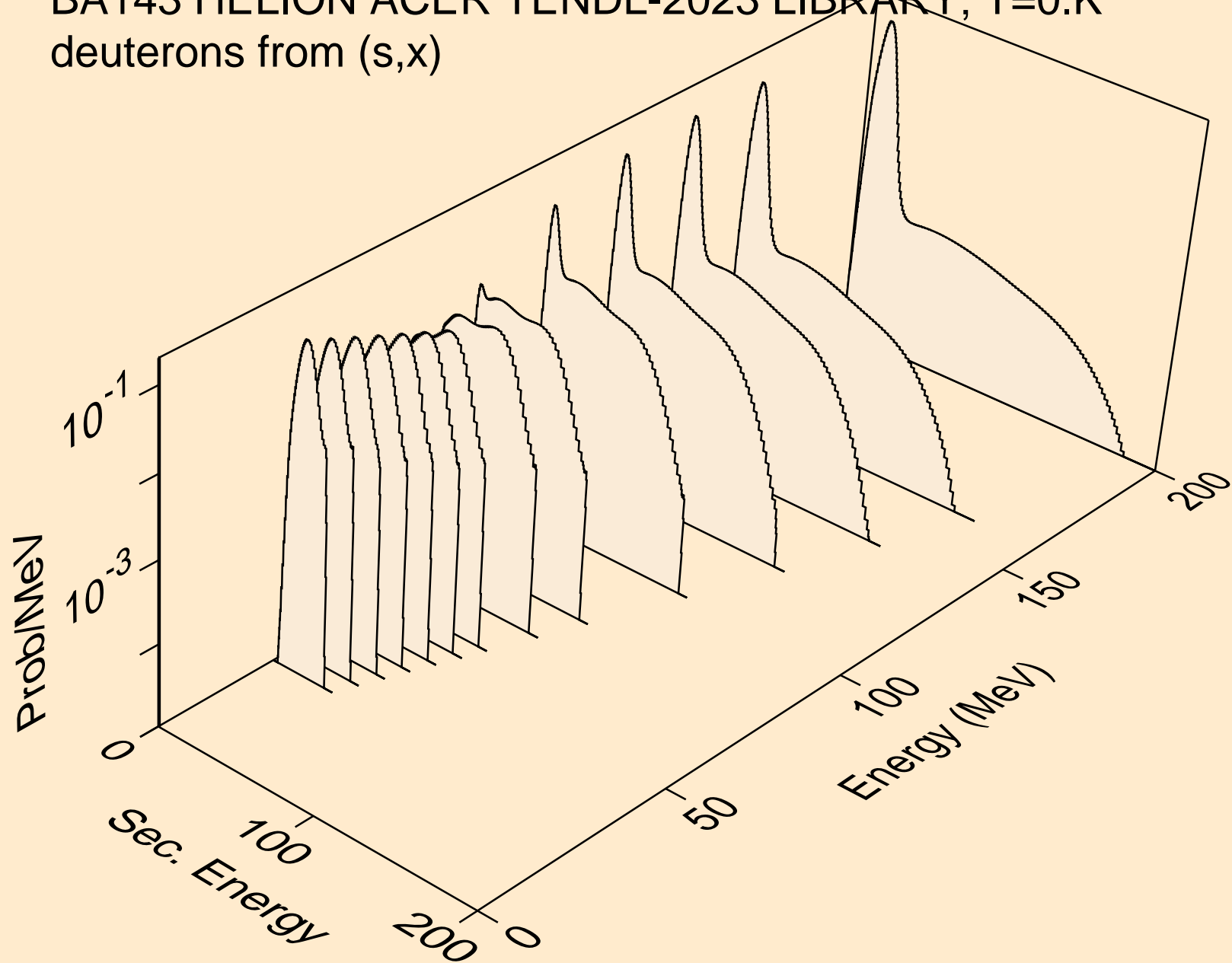




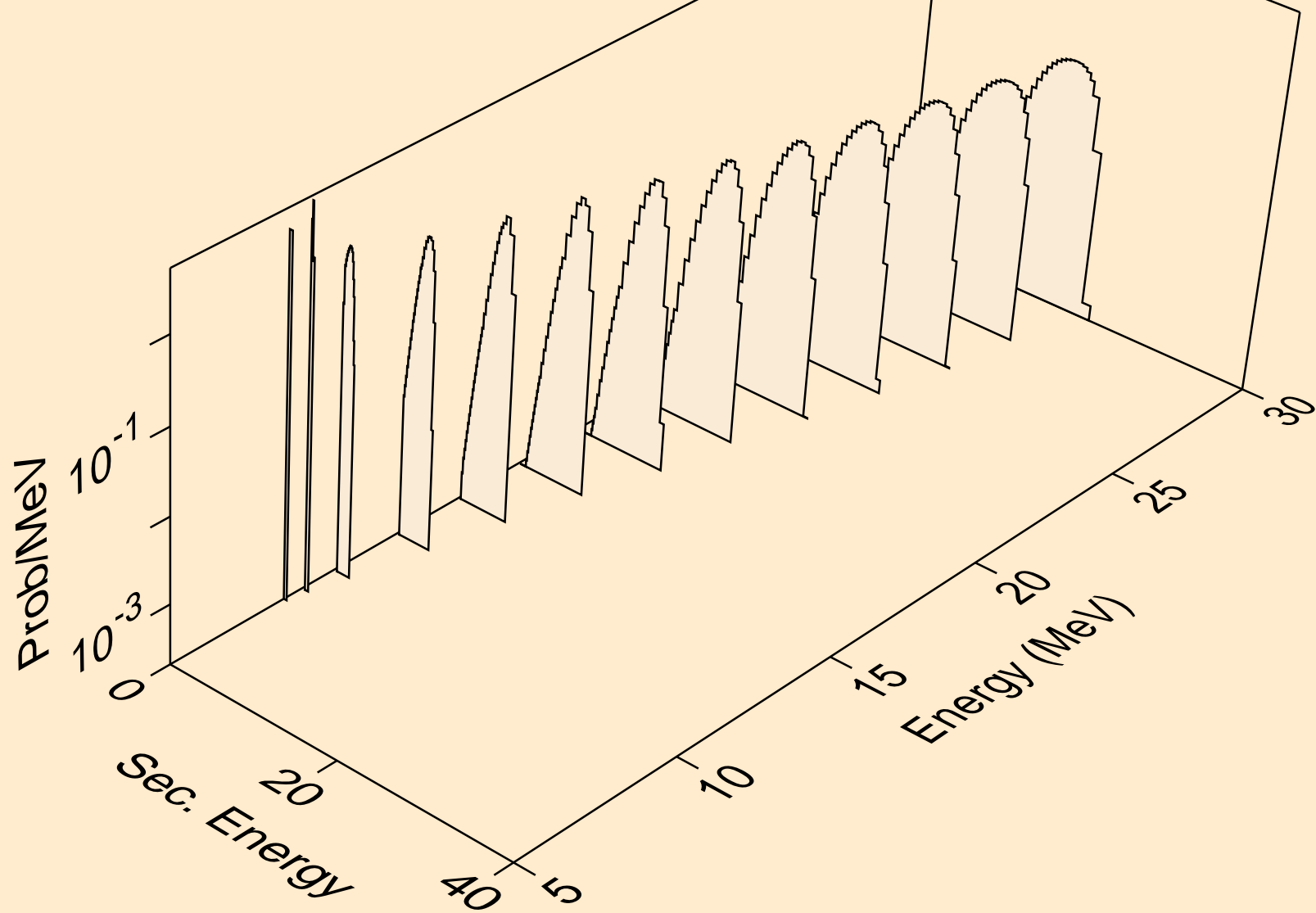
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



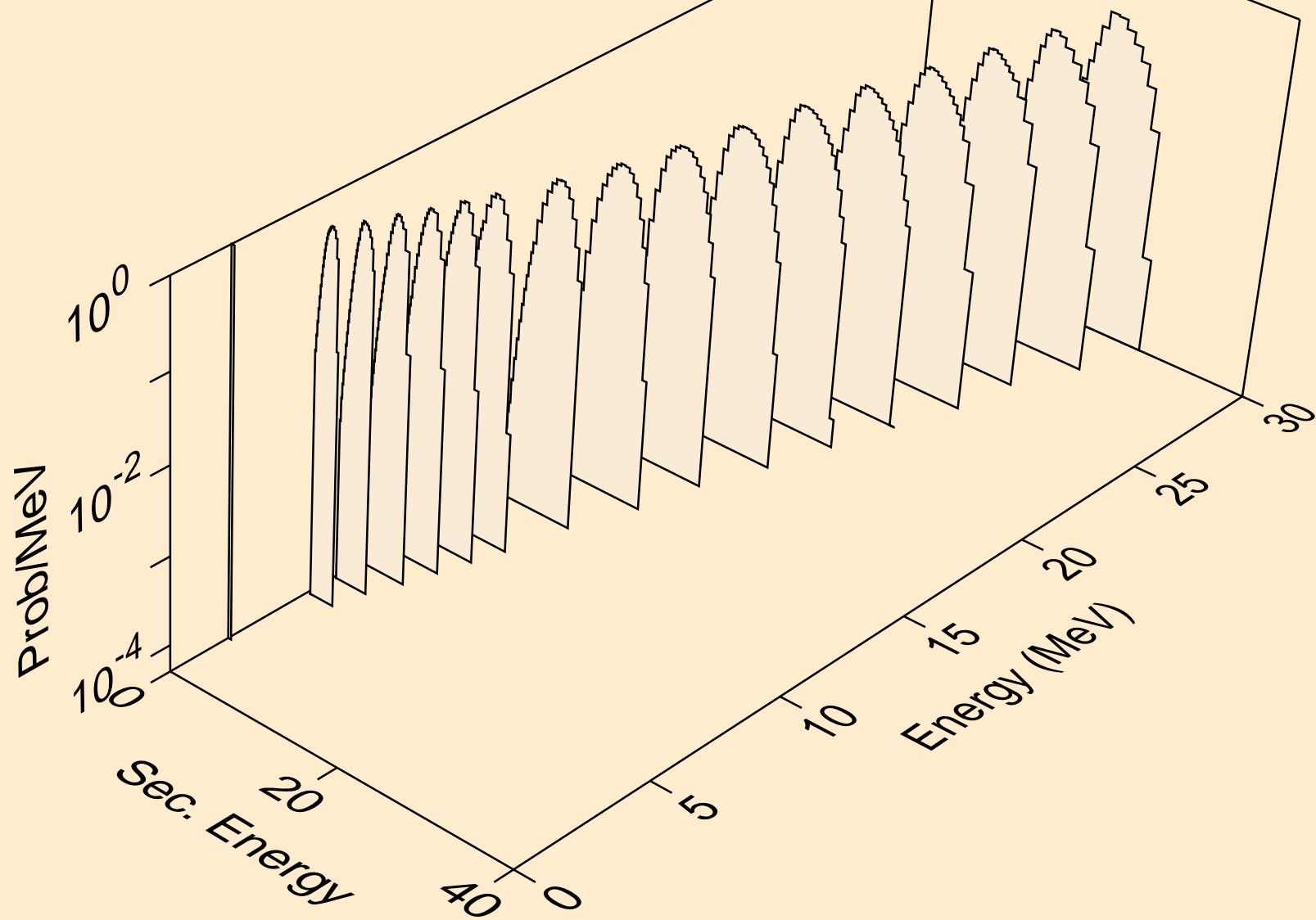
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



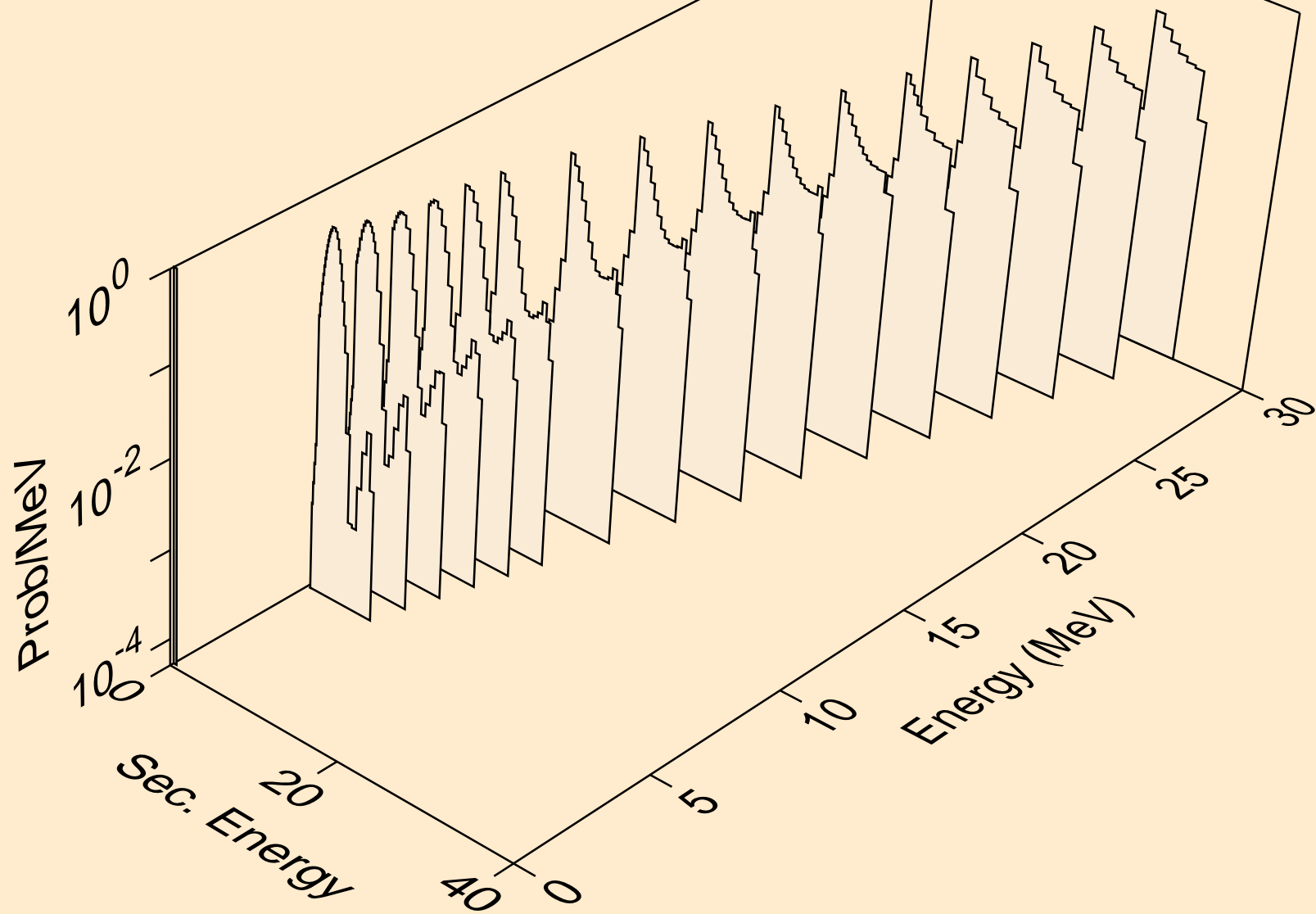
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deuterons from (s,2nd)



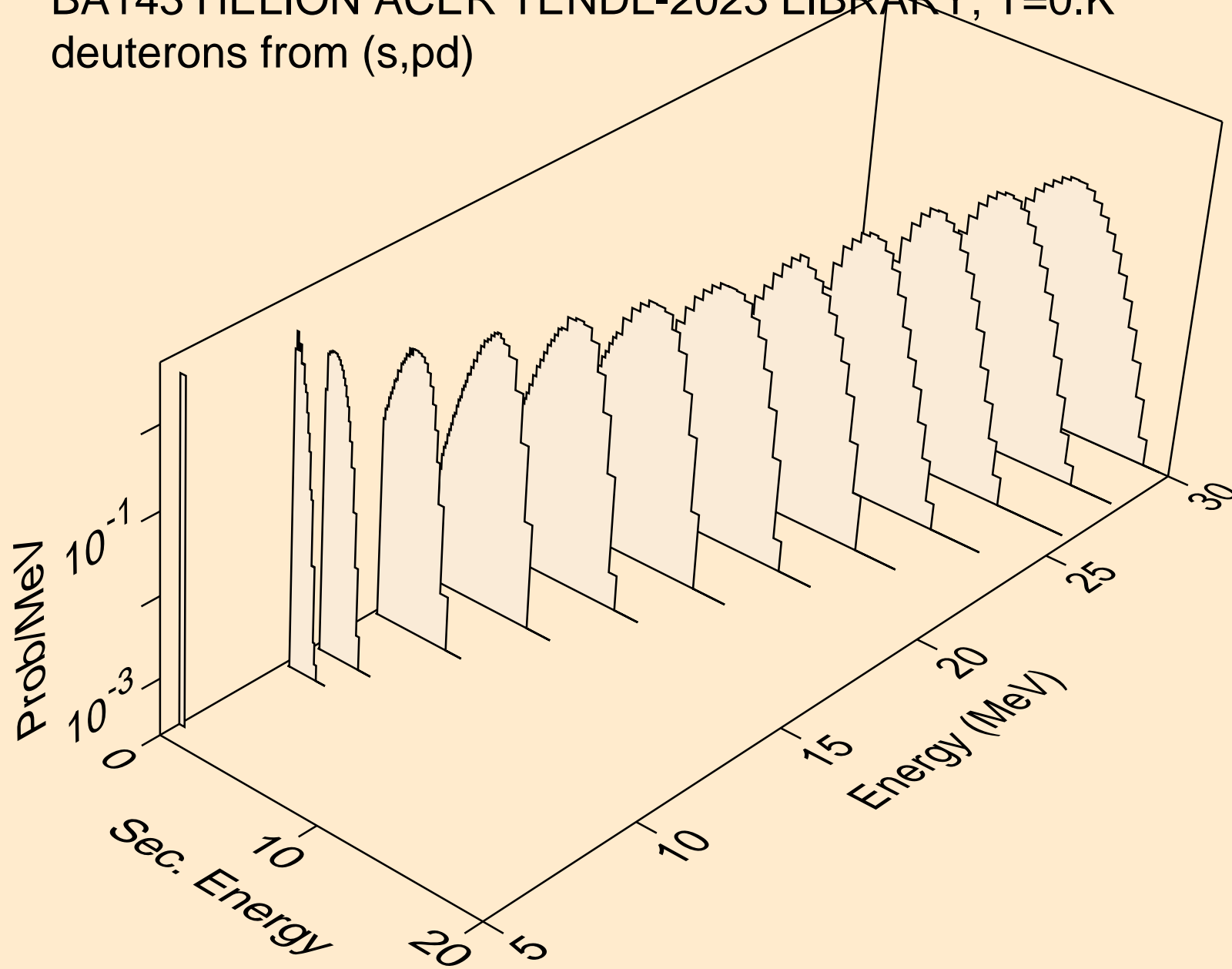
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



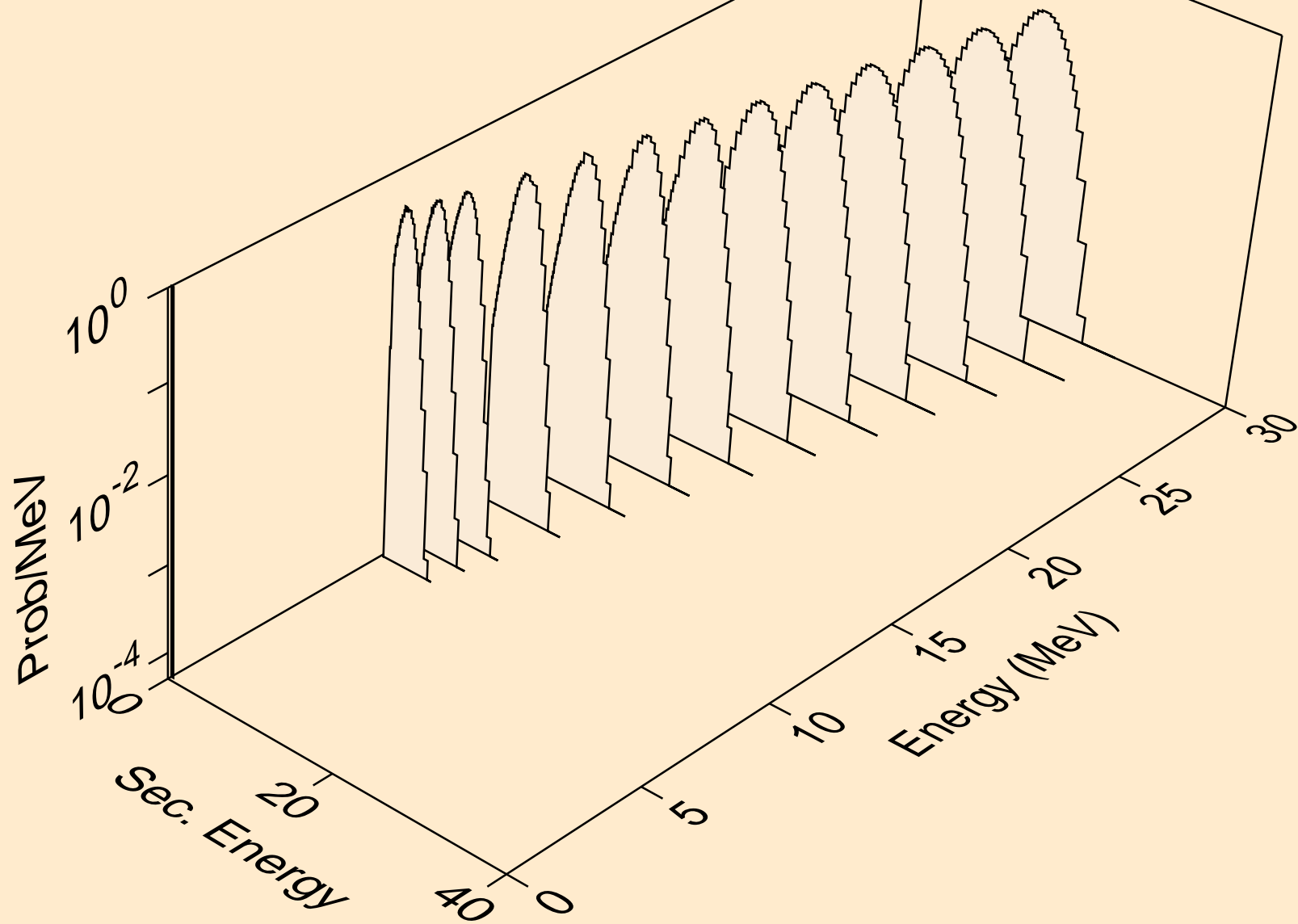
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deuterons from (s,d)



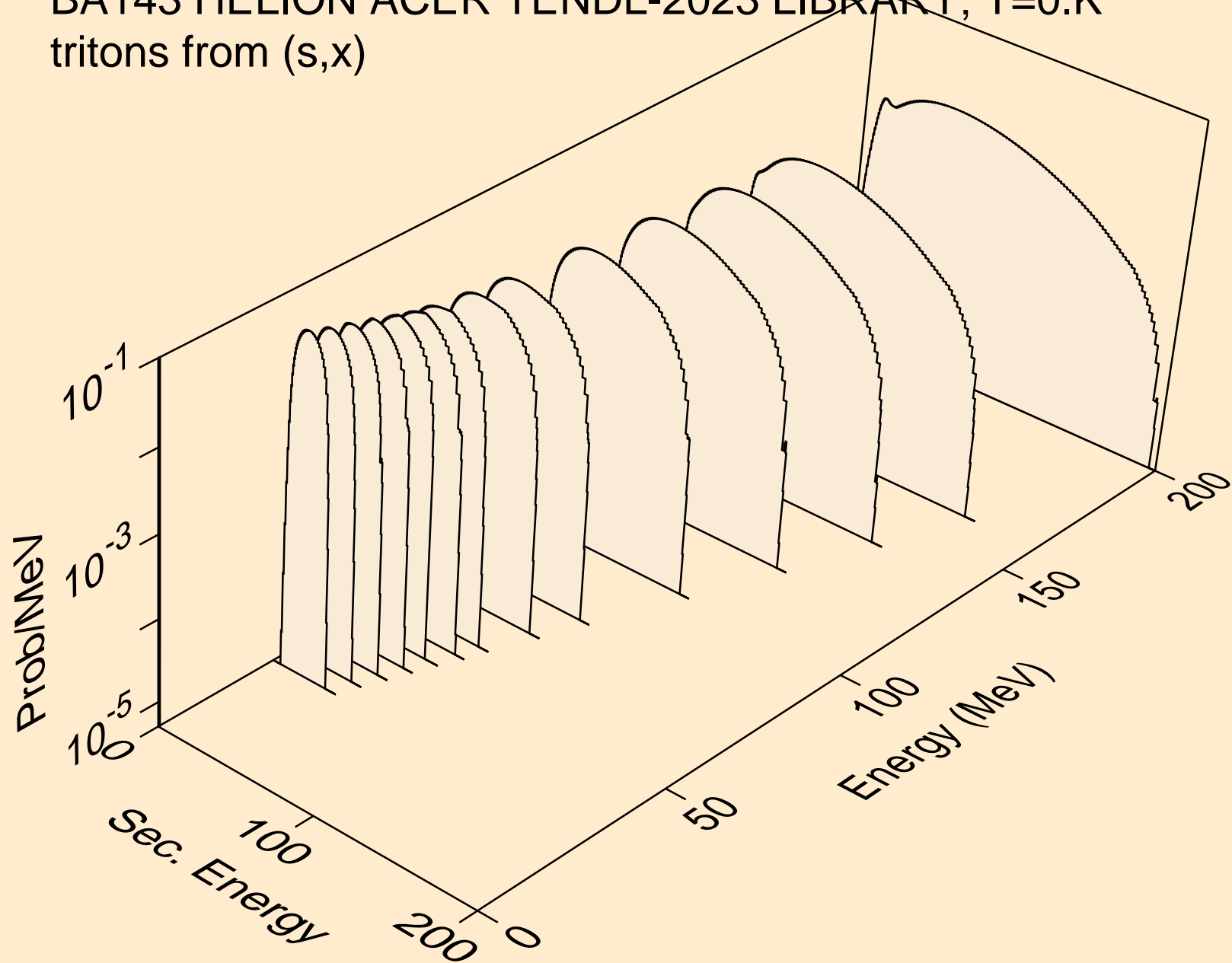
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)

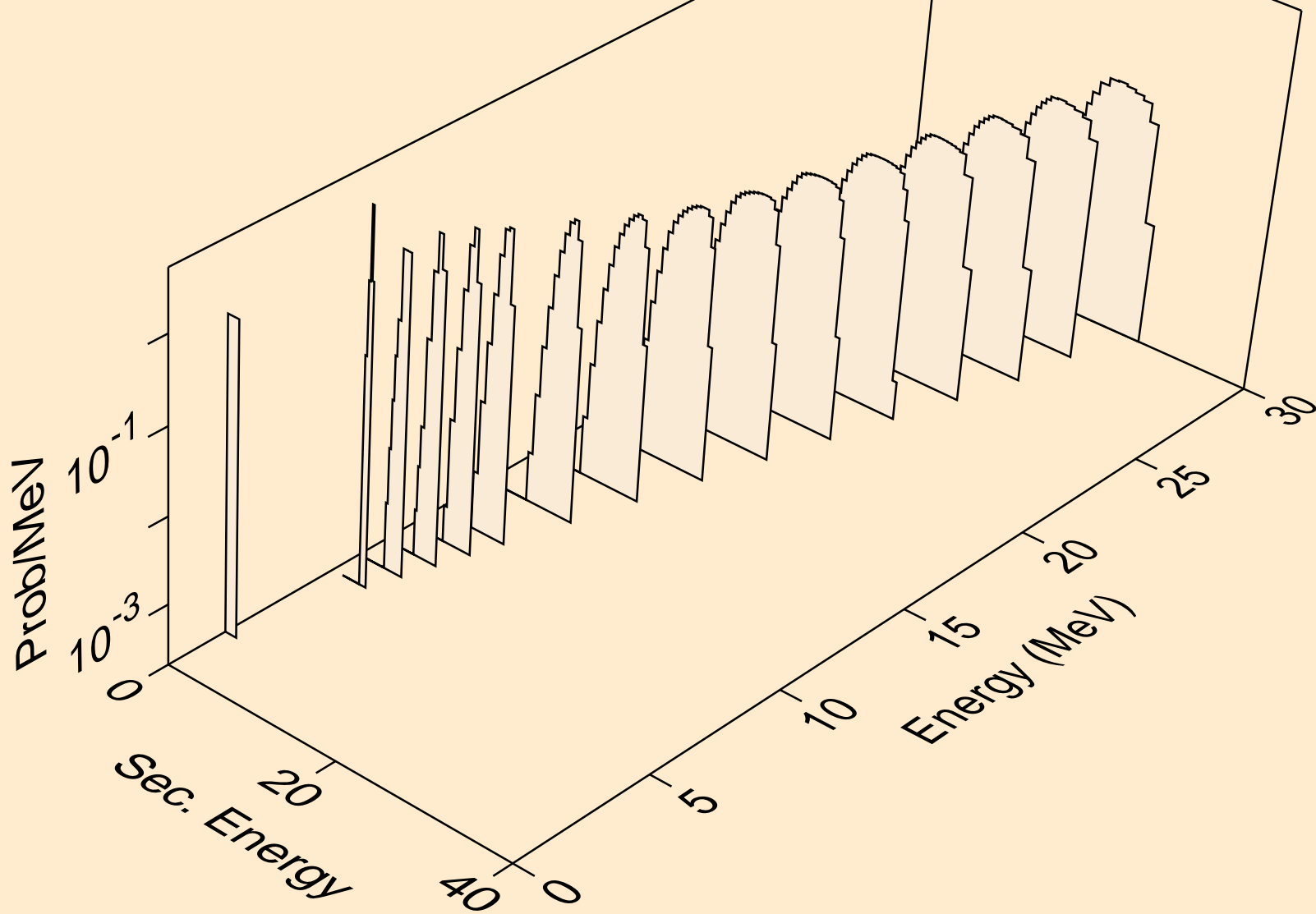


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

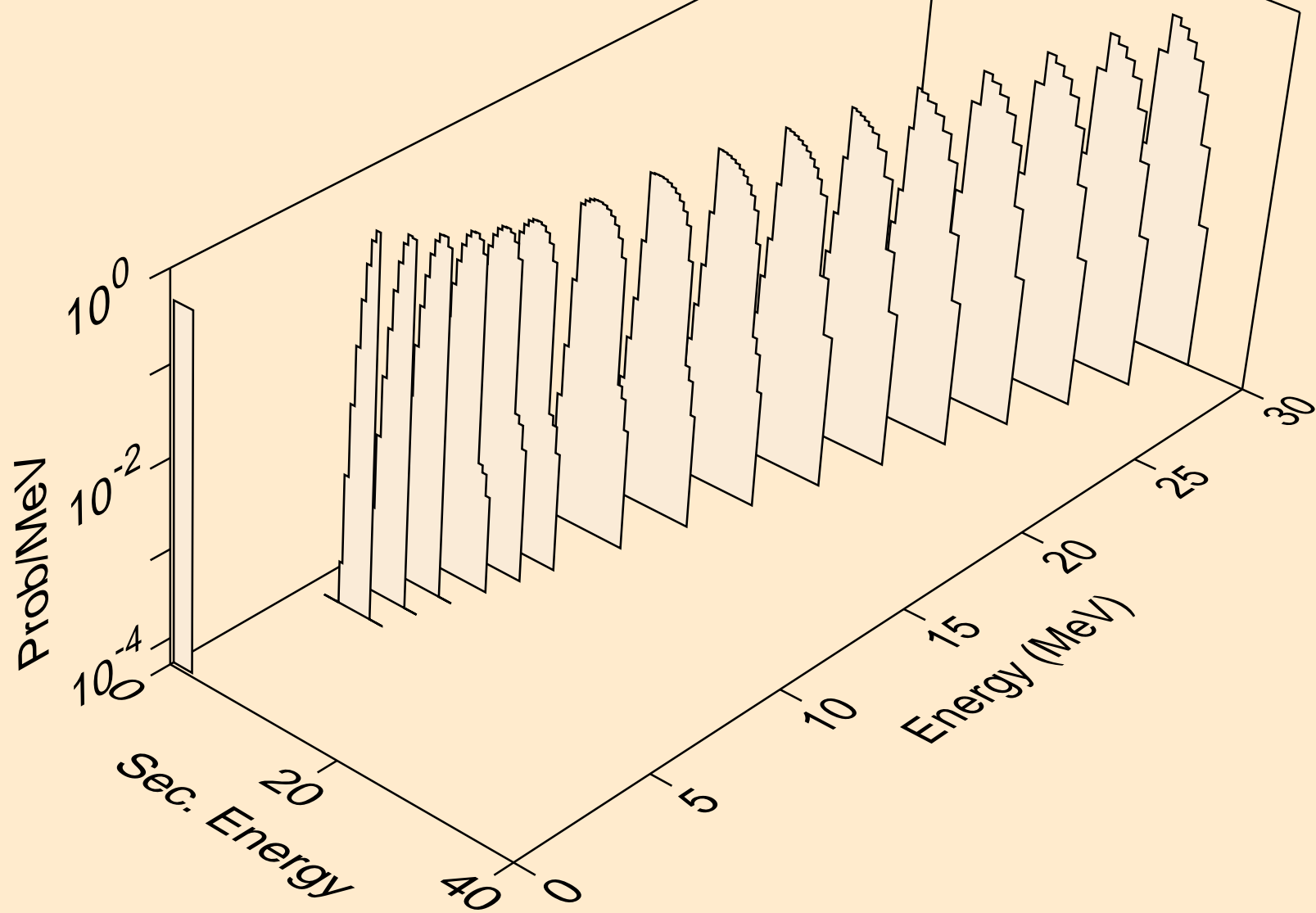




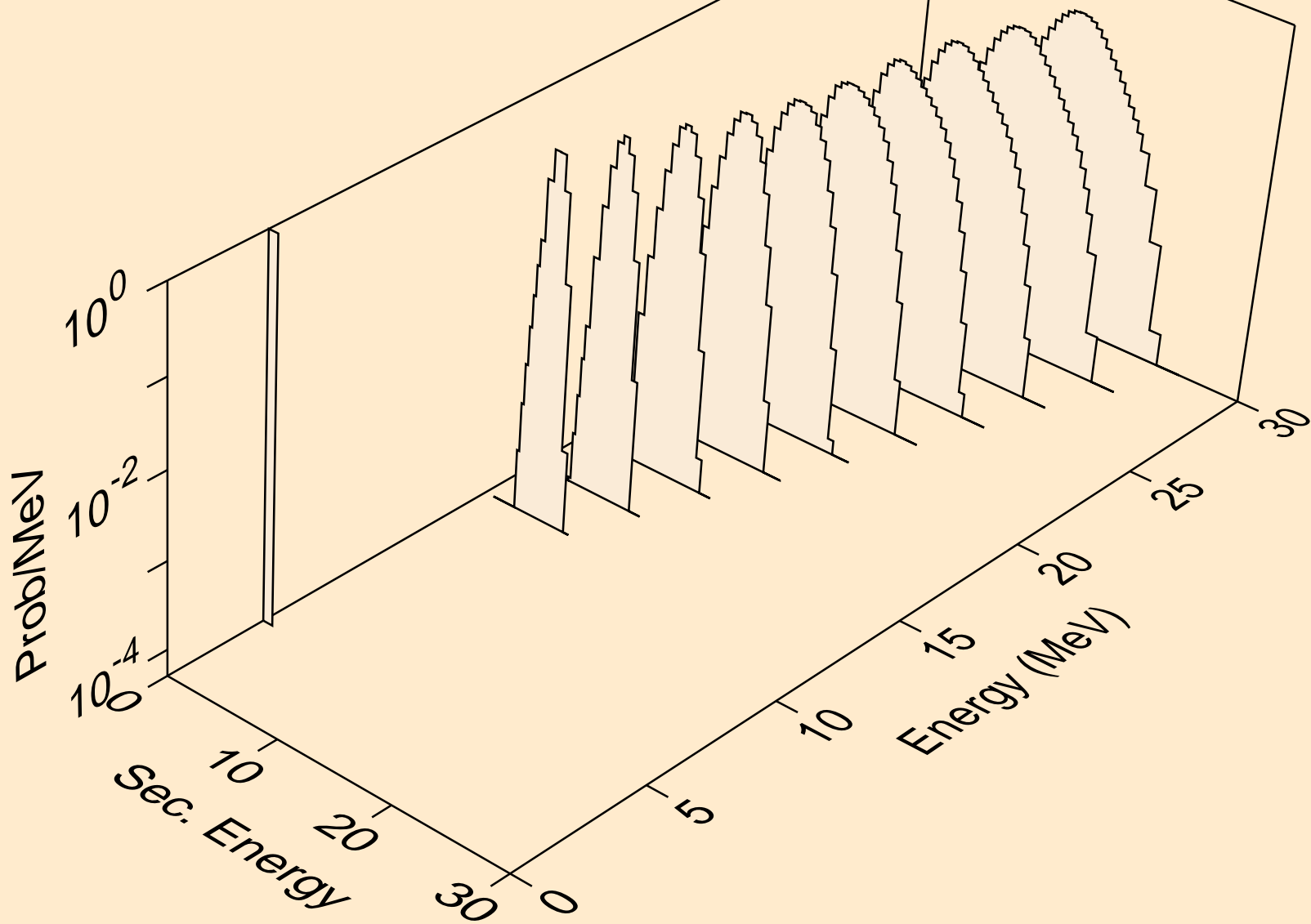
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



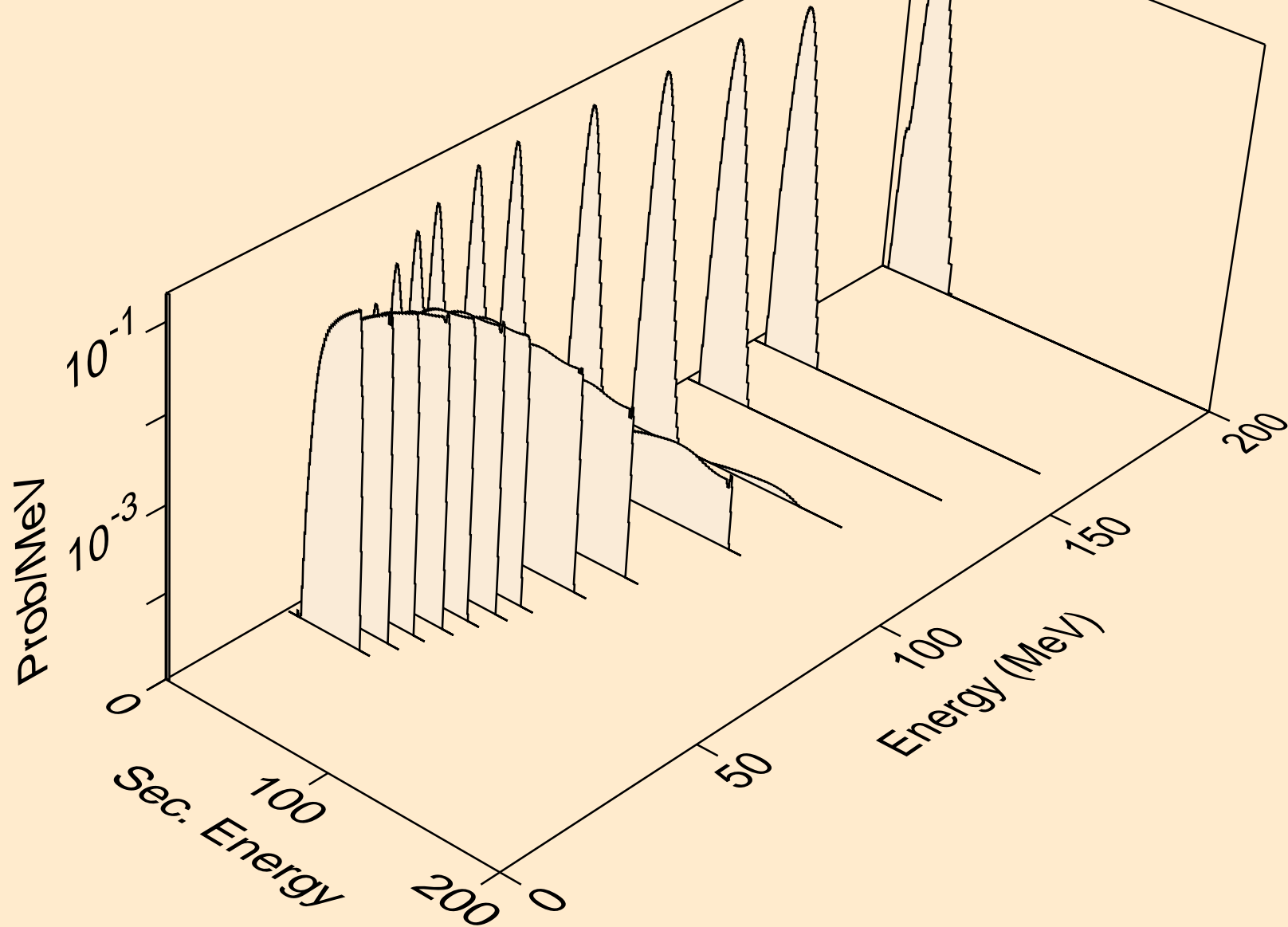
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



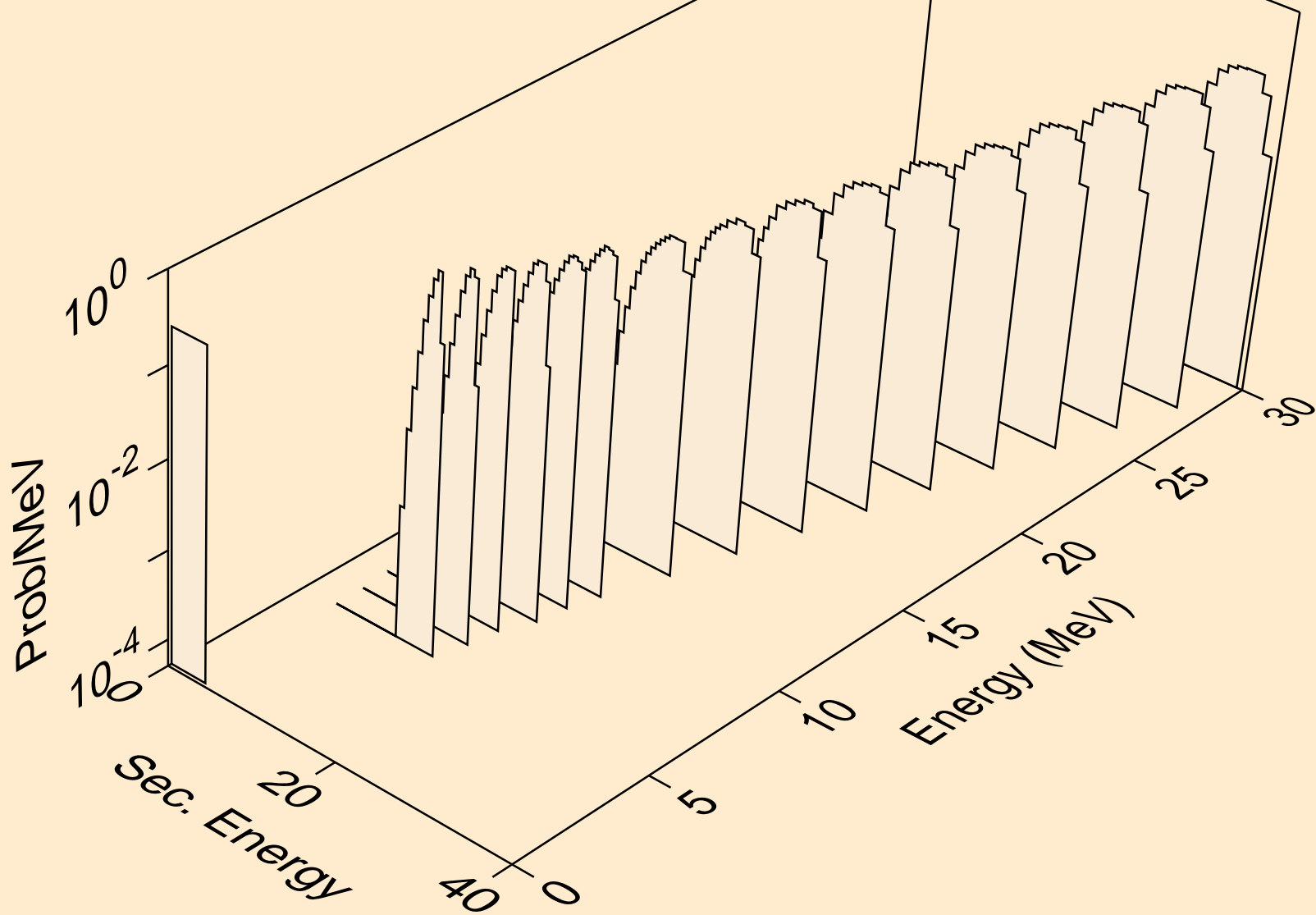
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



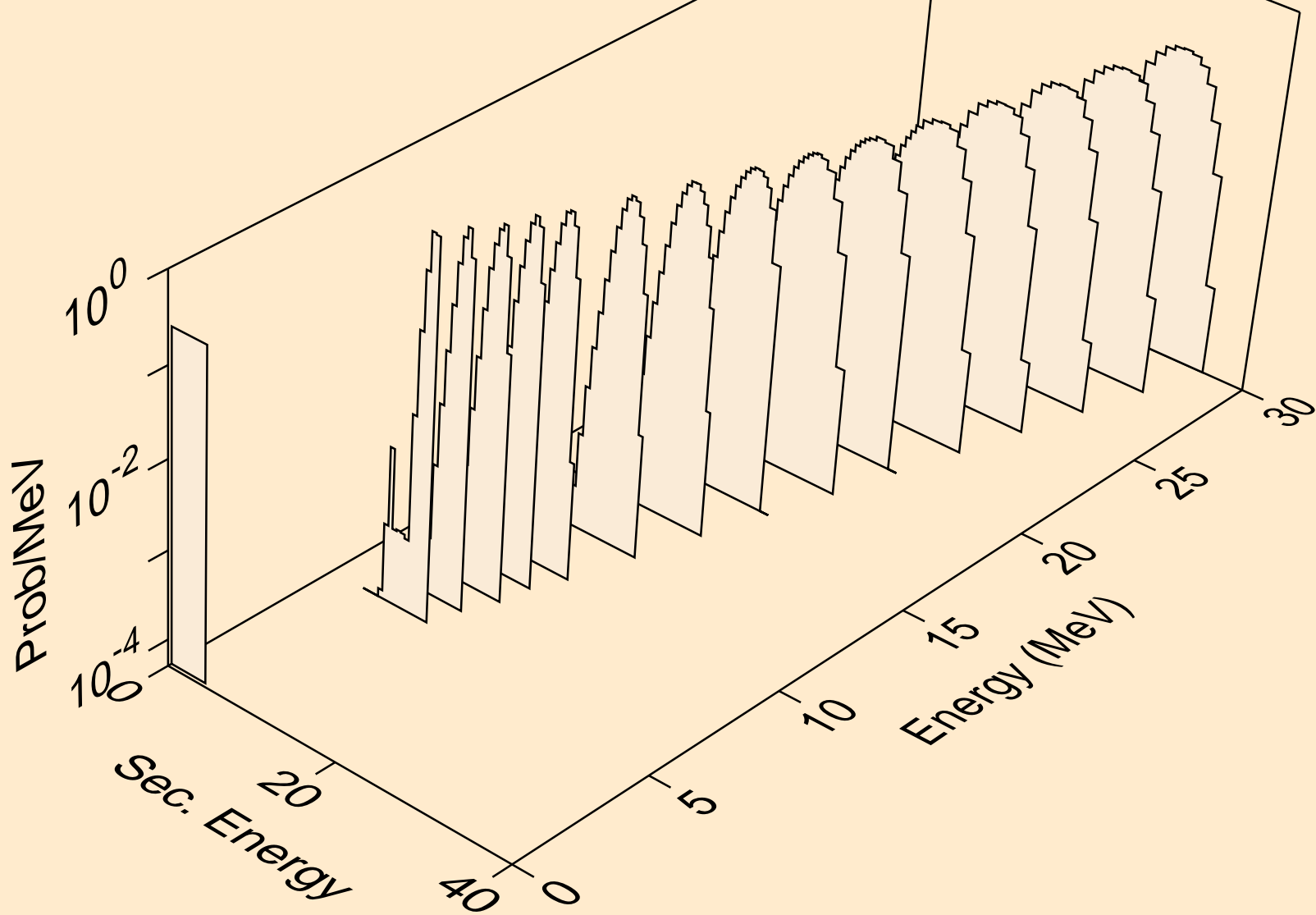
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



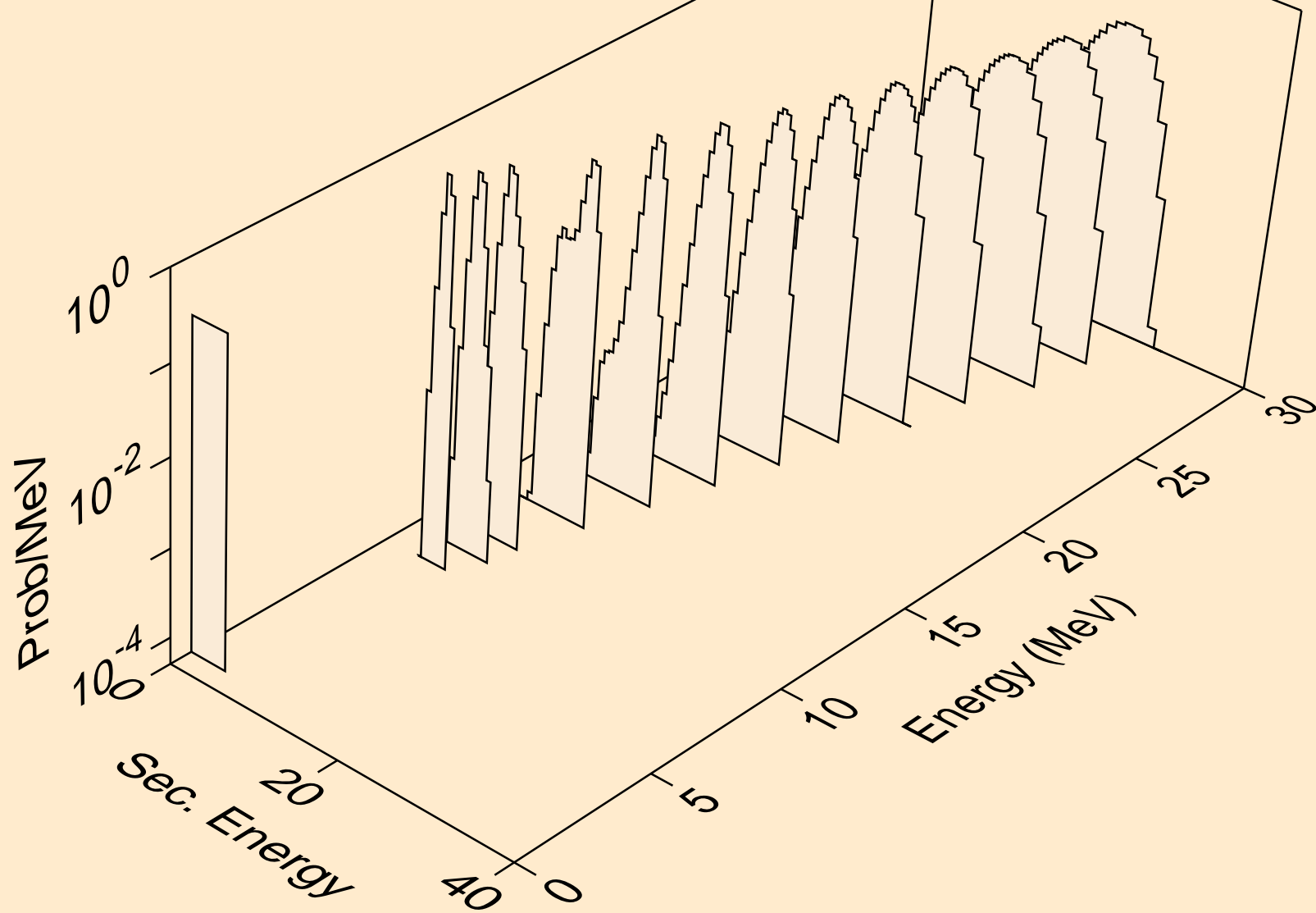
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



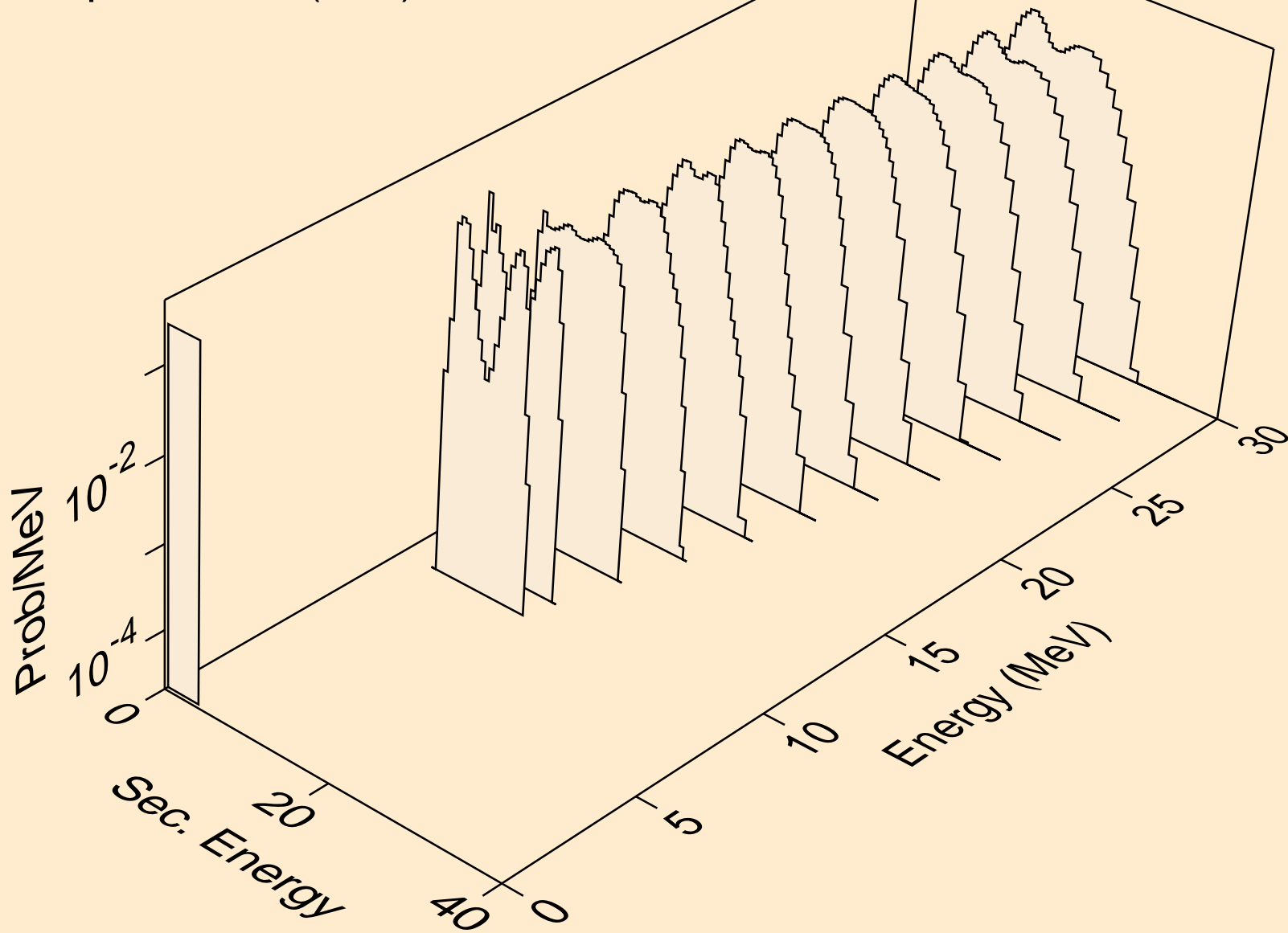
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a

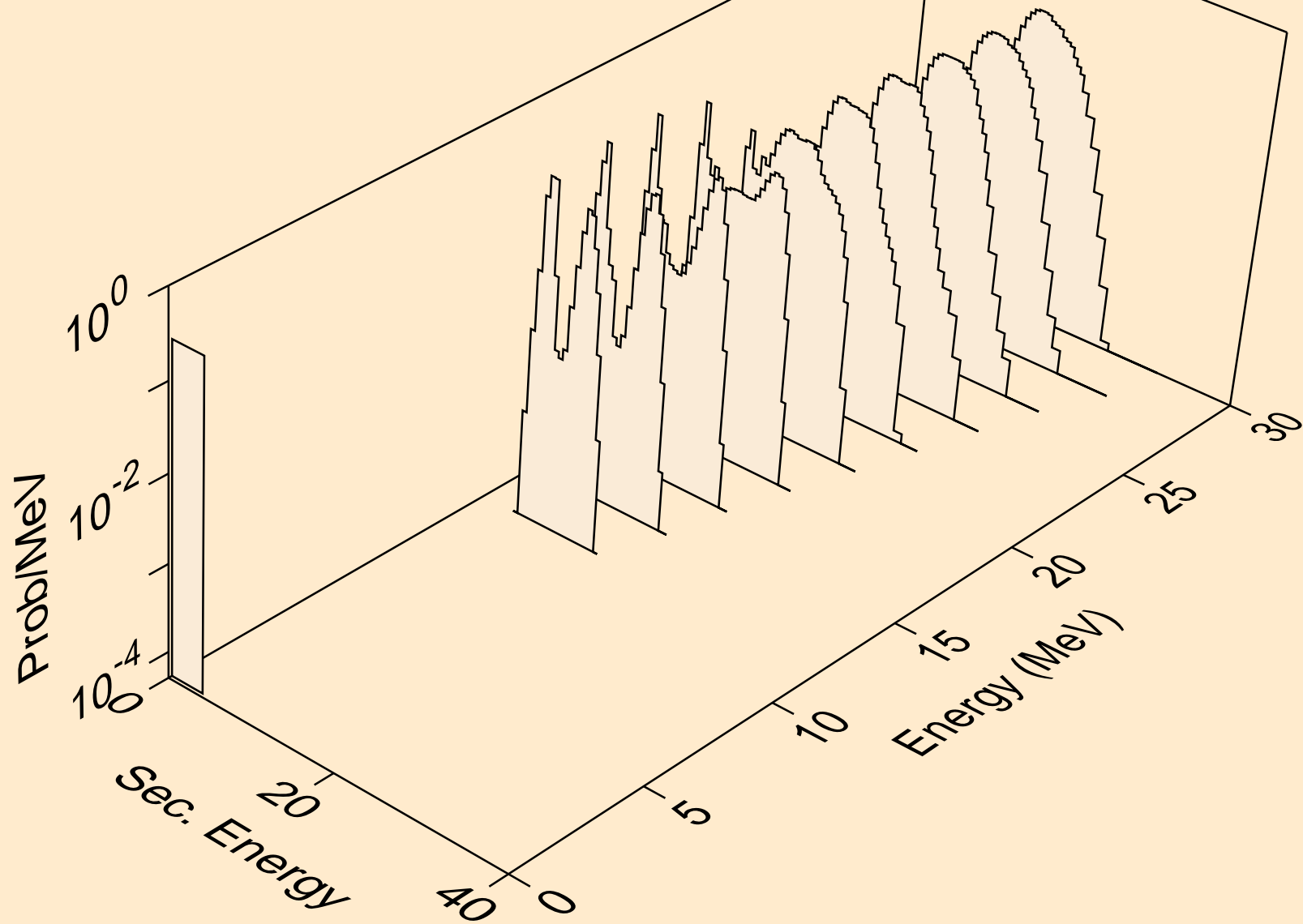


BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

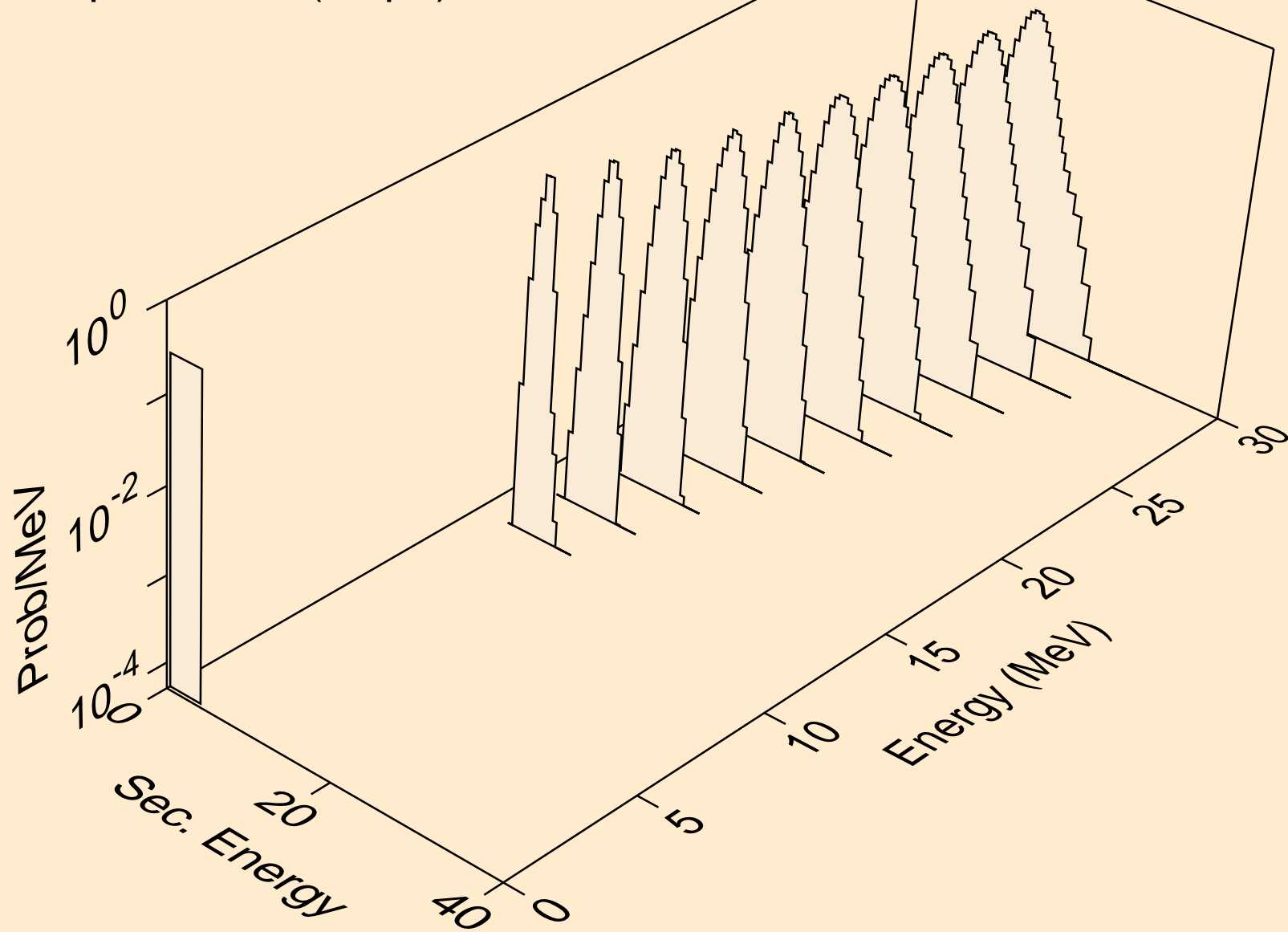




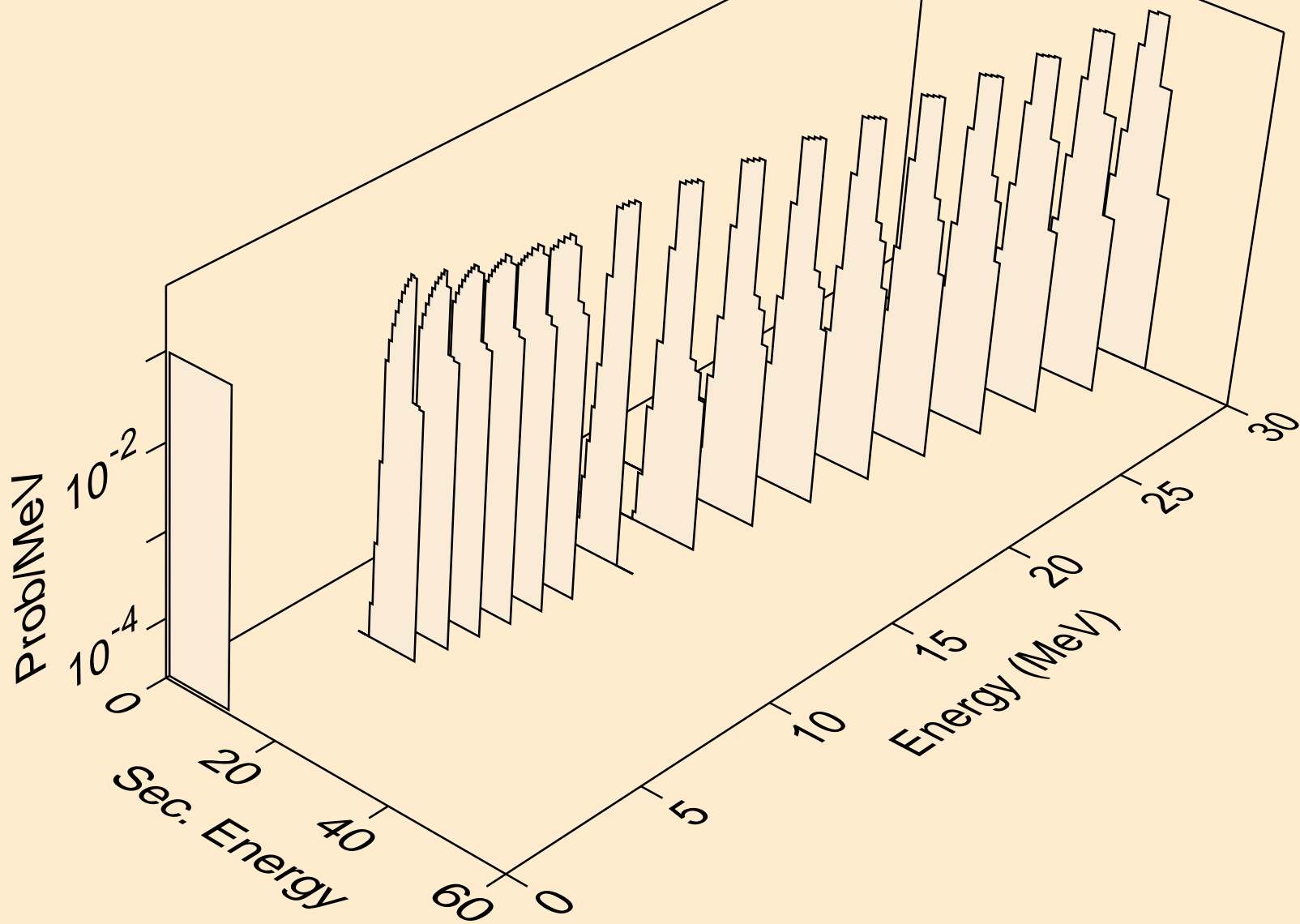
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)2a



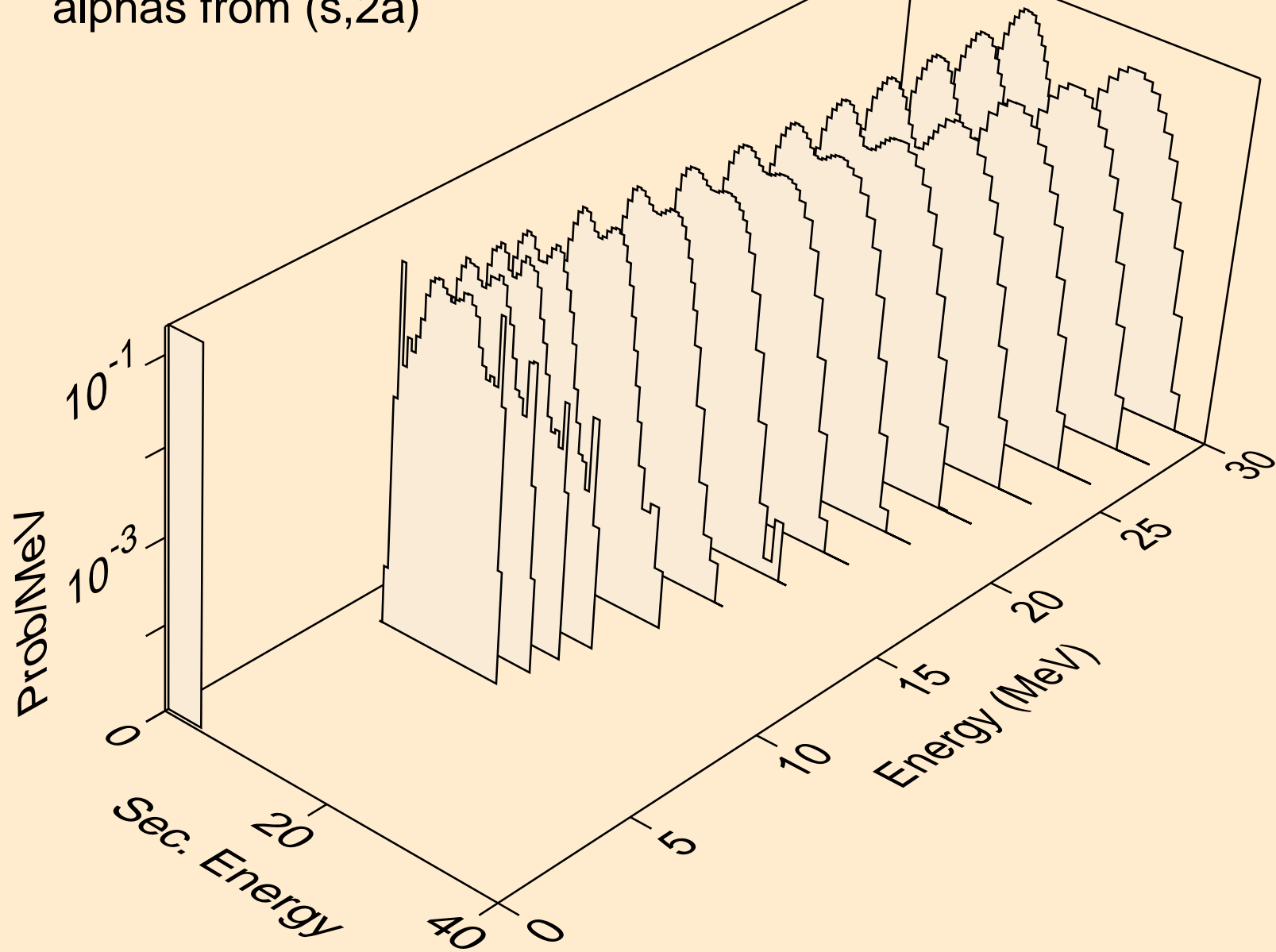
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alphas from (s,npa)



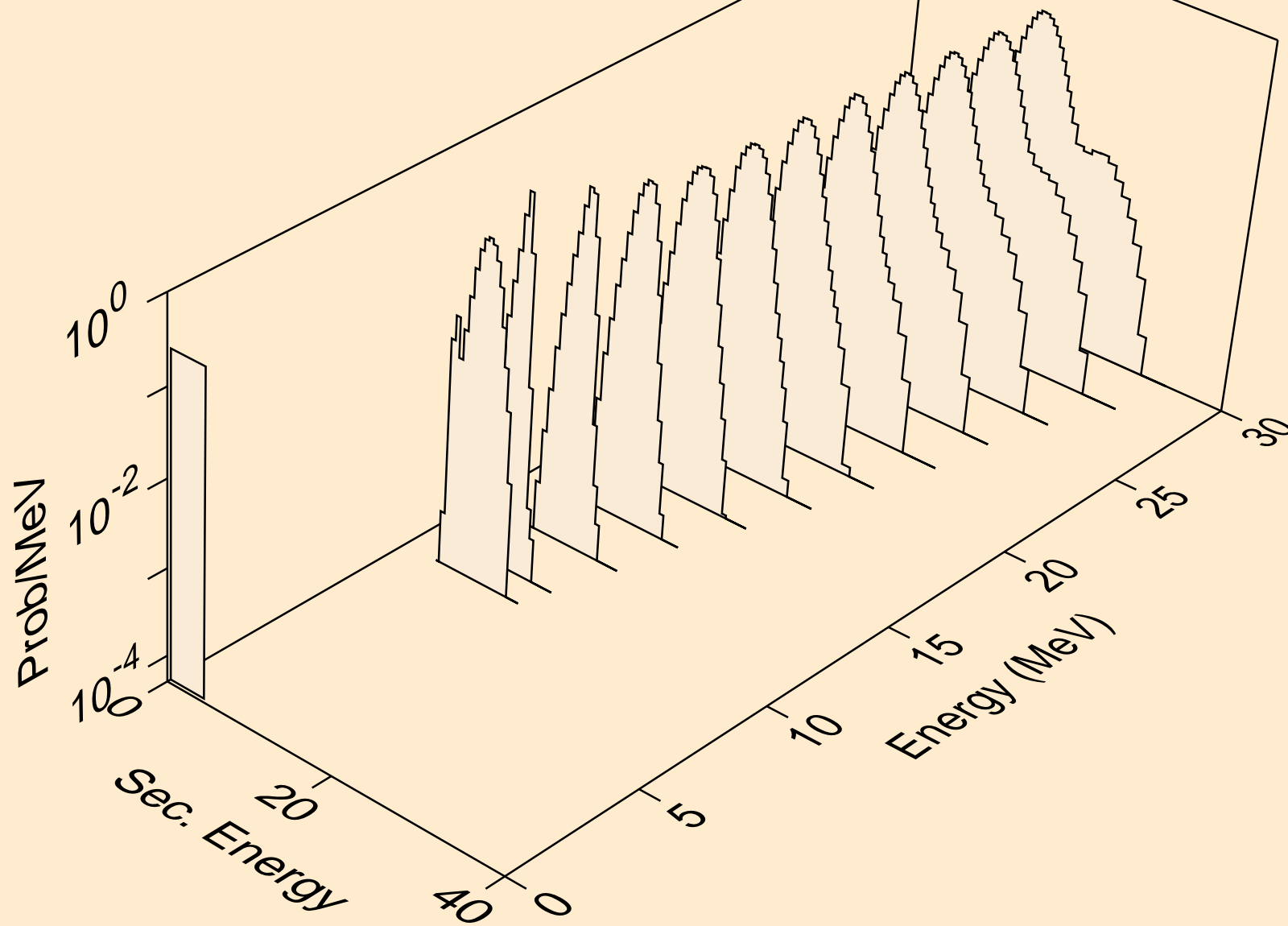
BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



BA143 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

