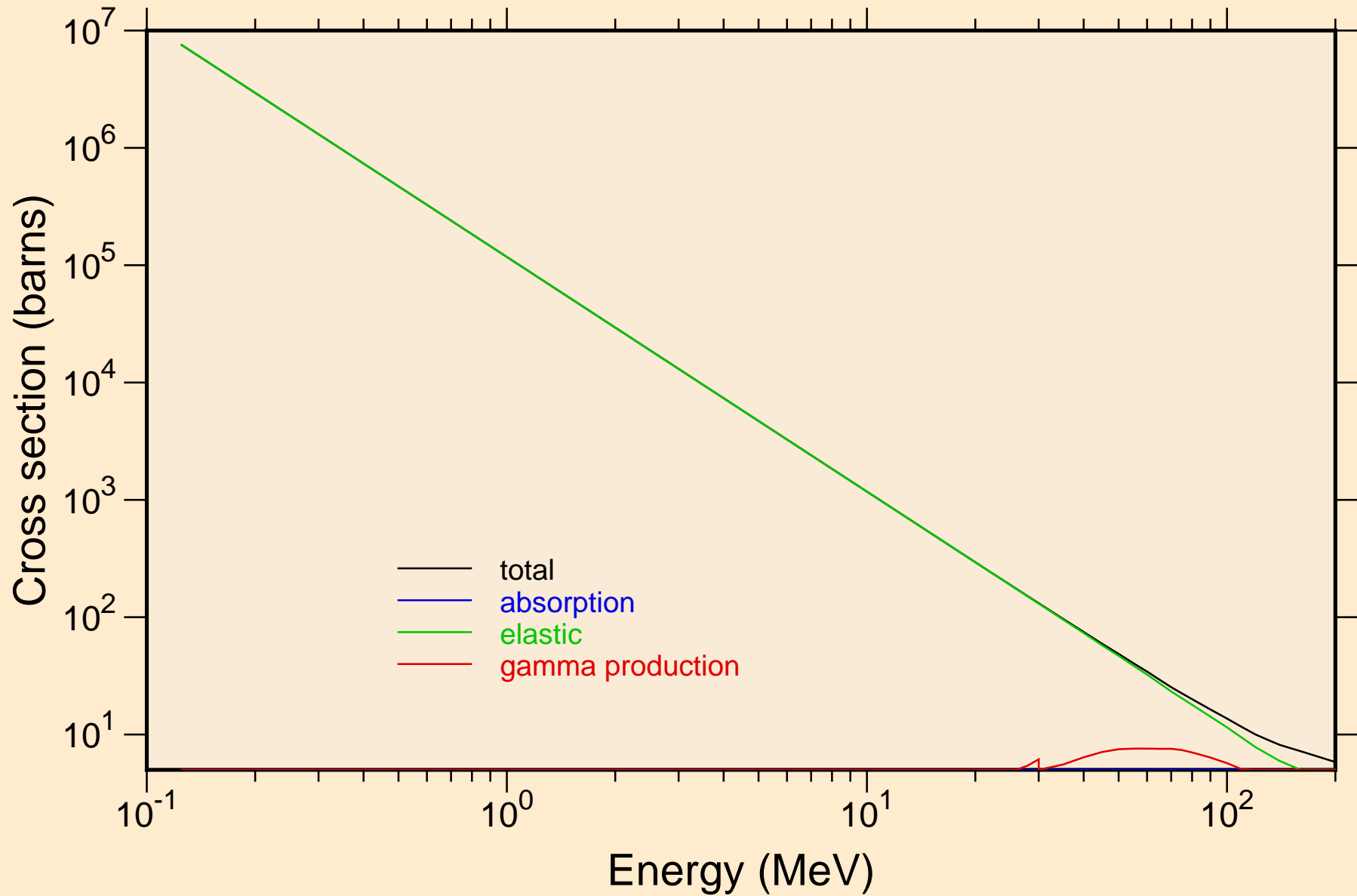


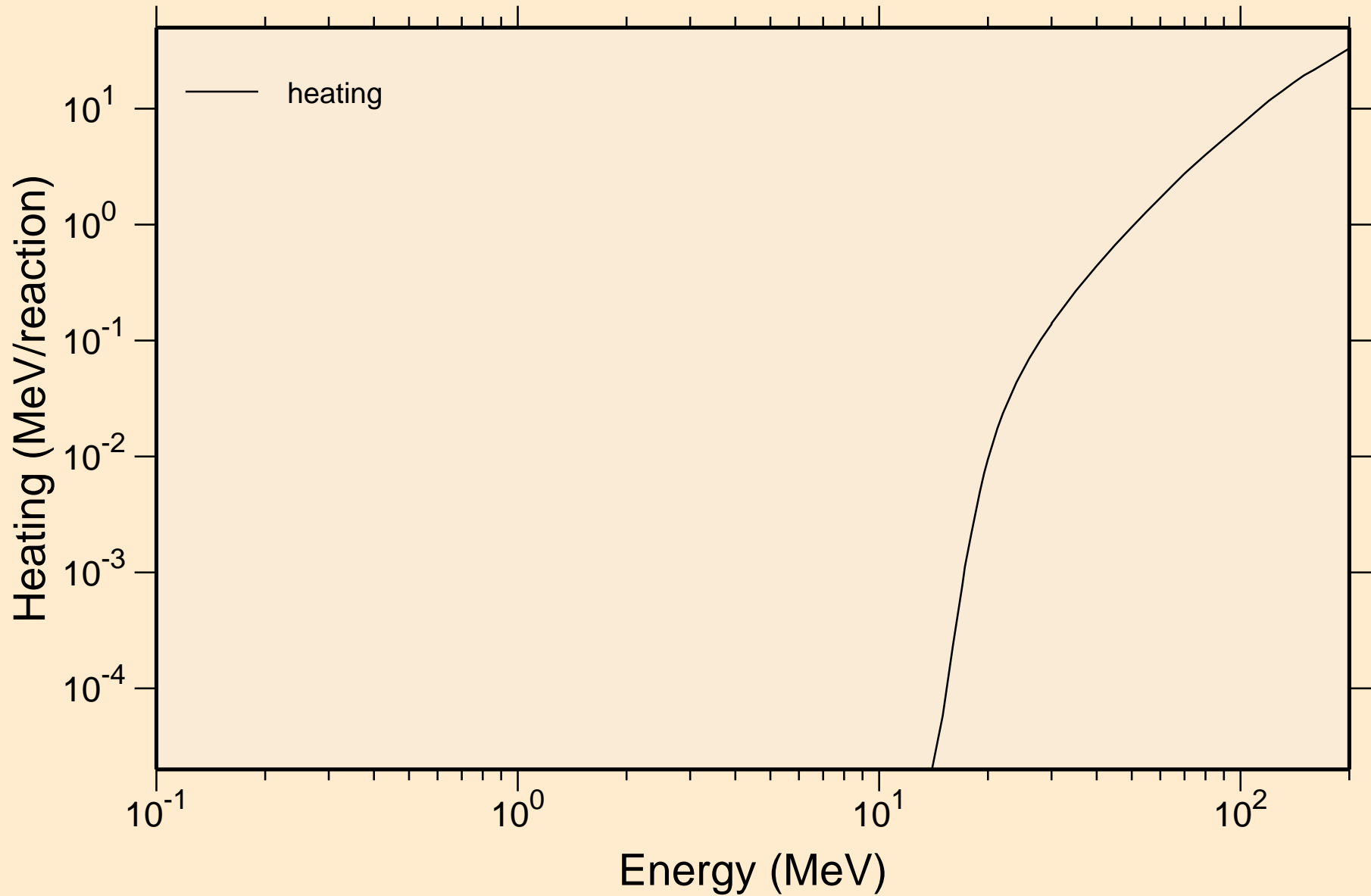
# ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



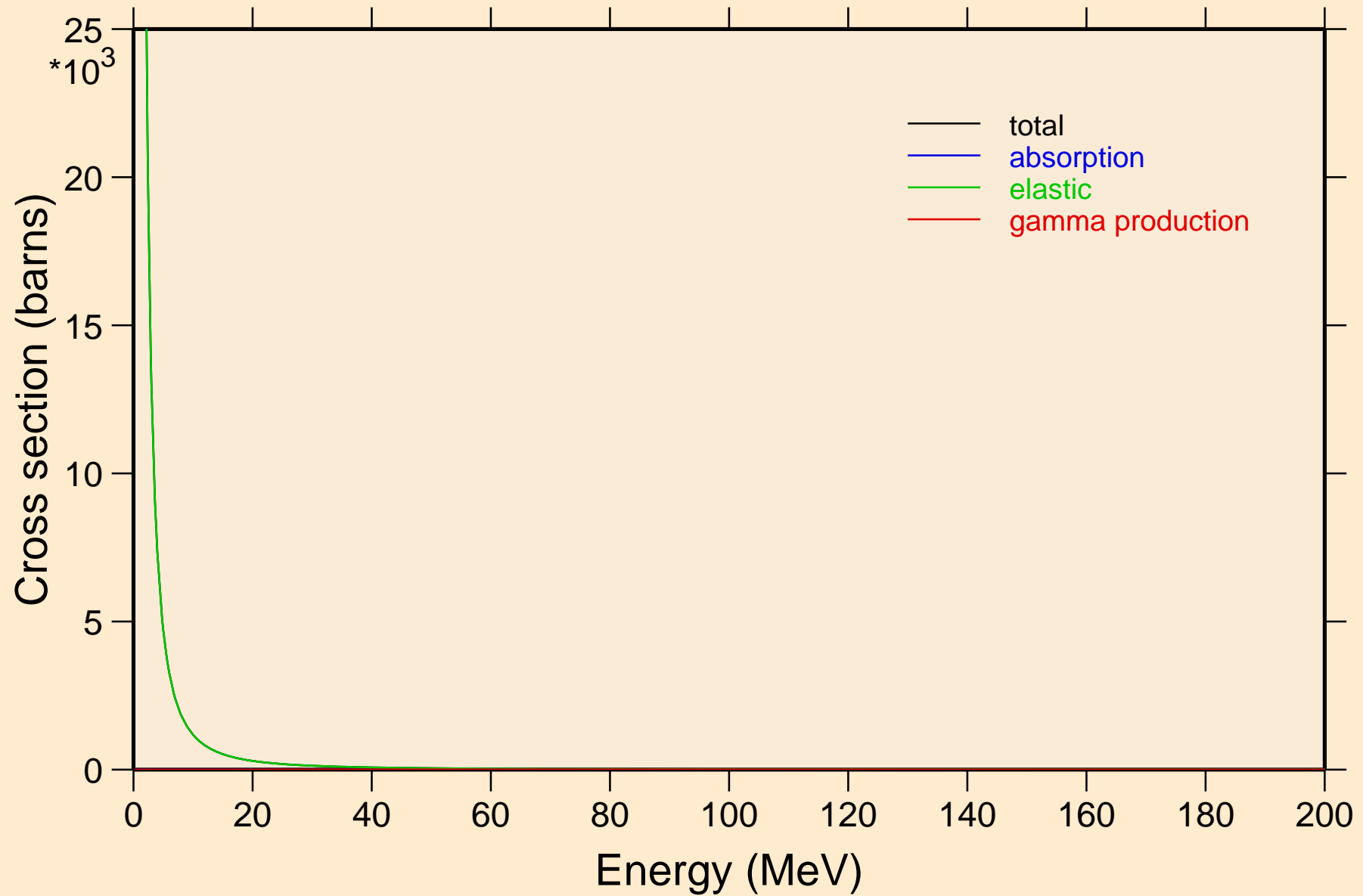
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



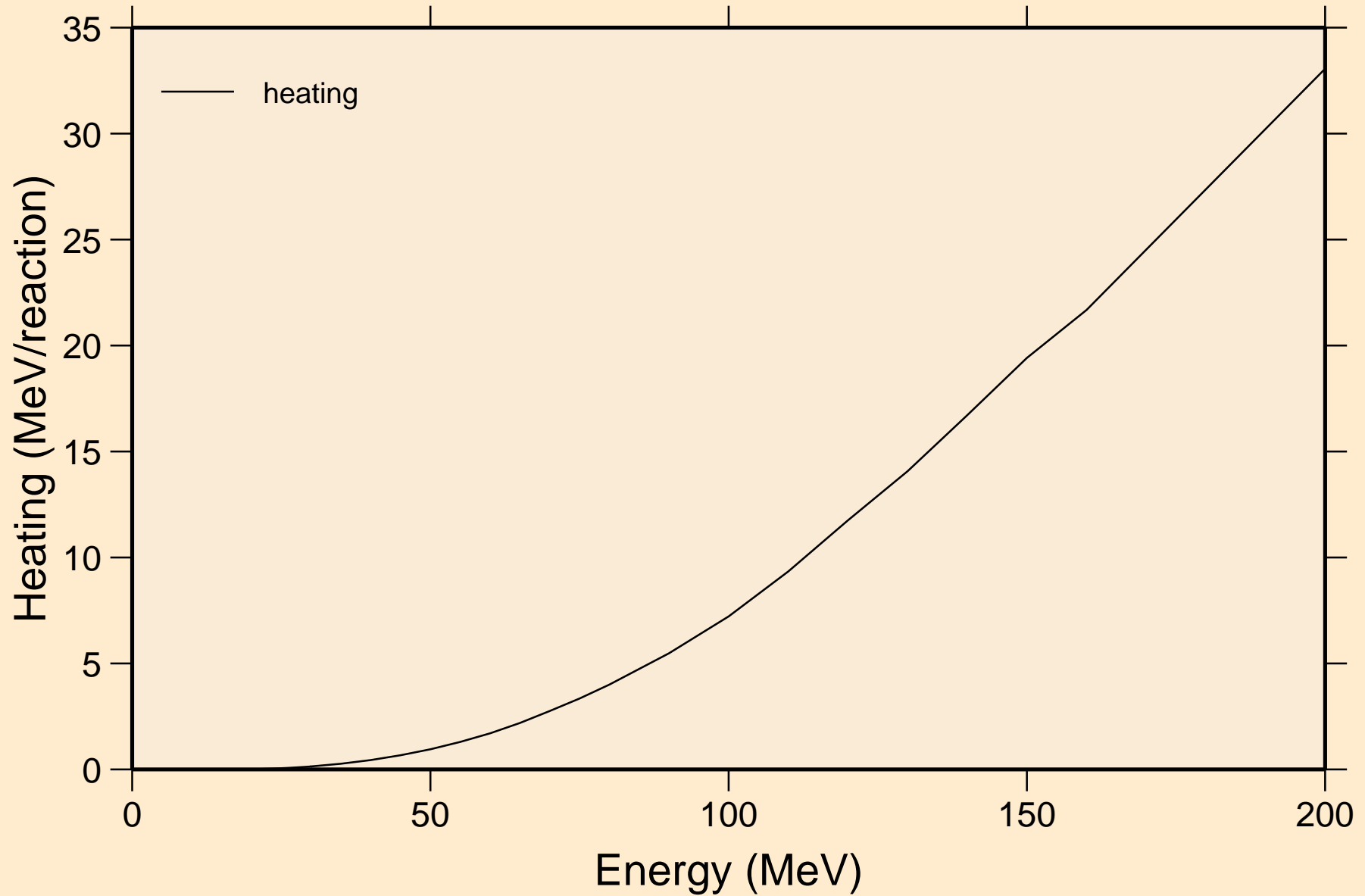
# ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

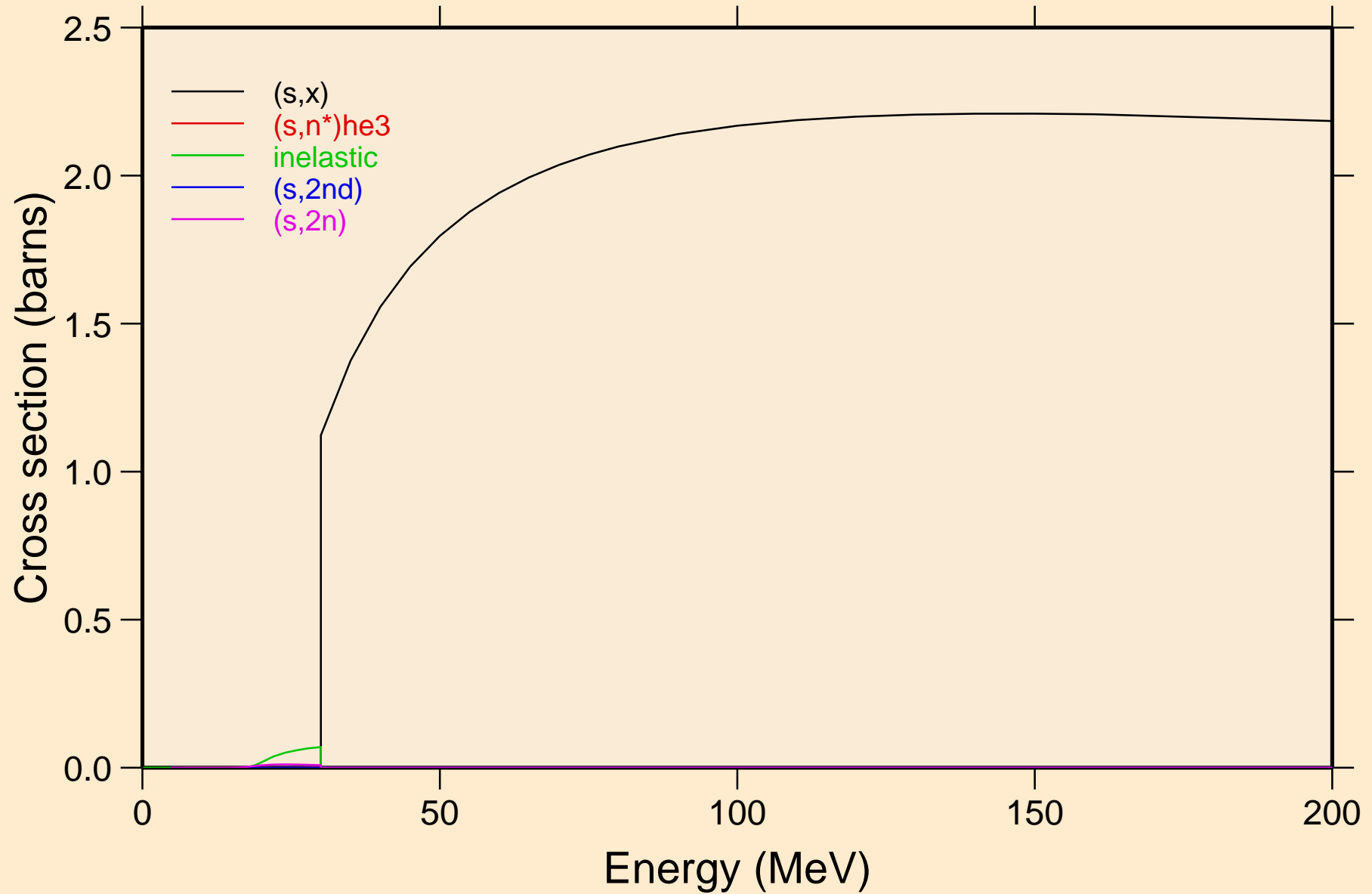


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K

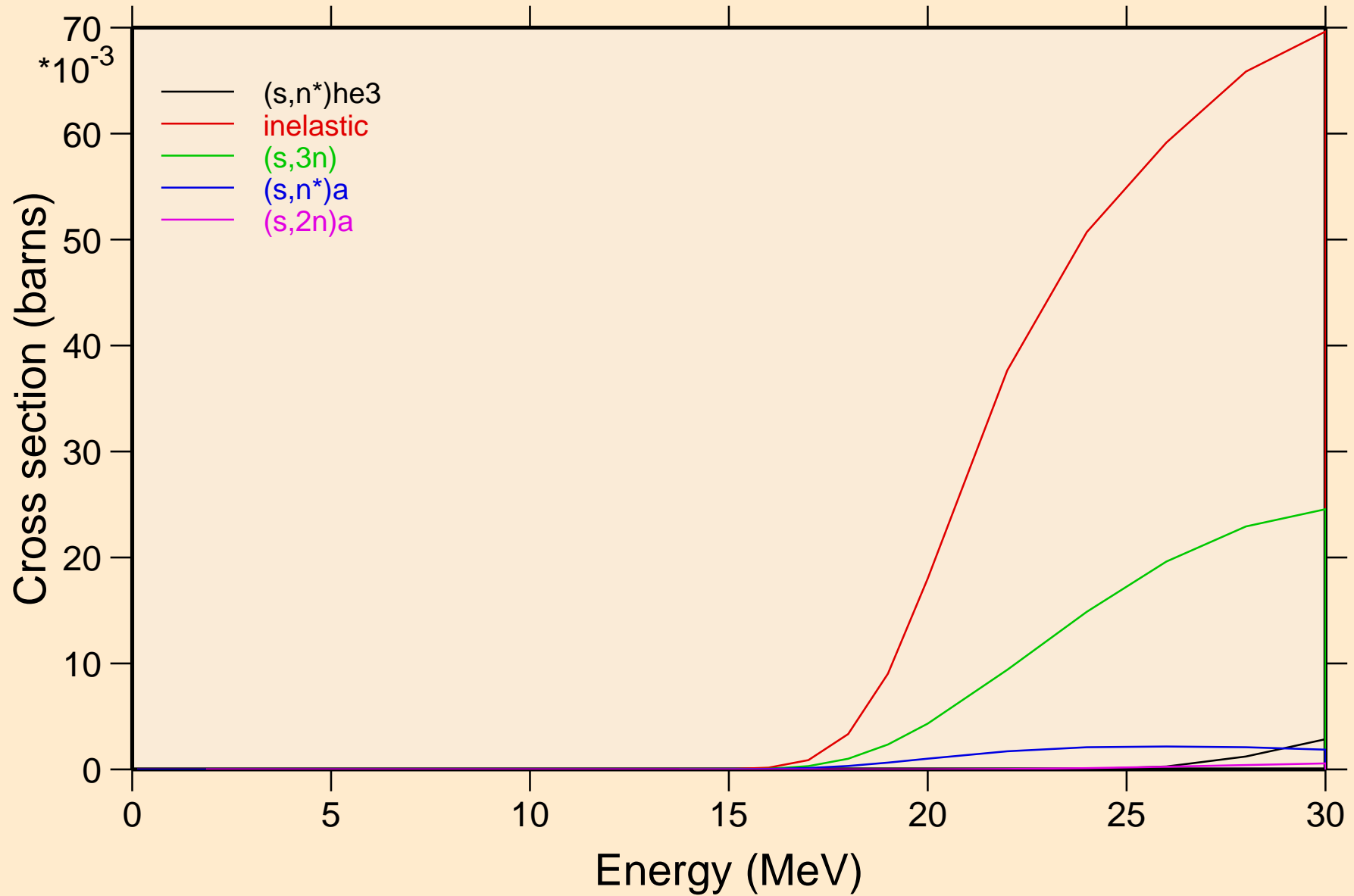
Heating



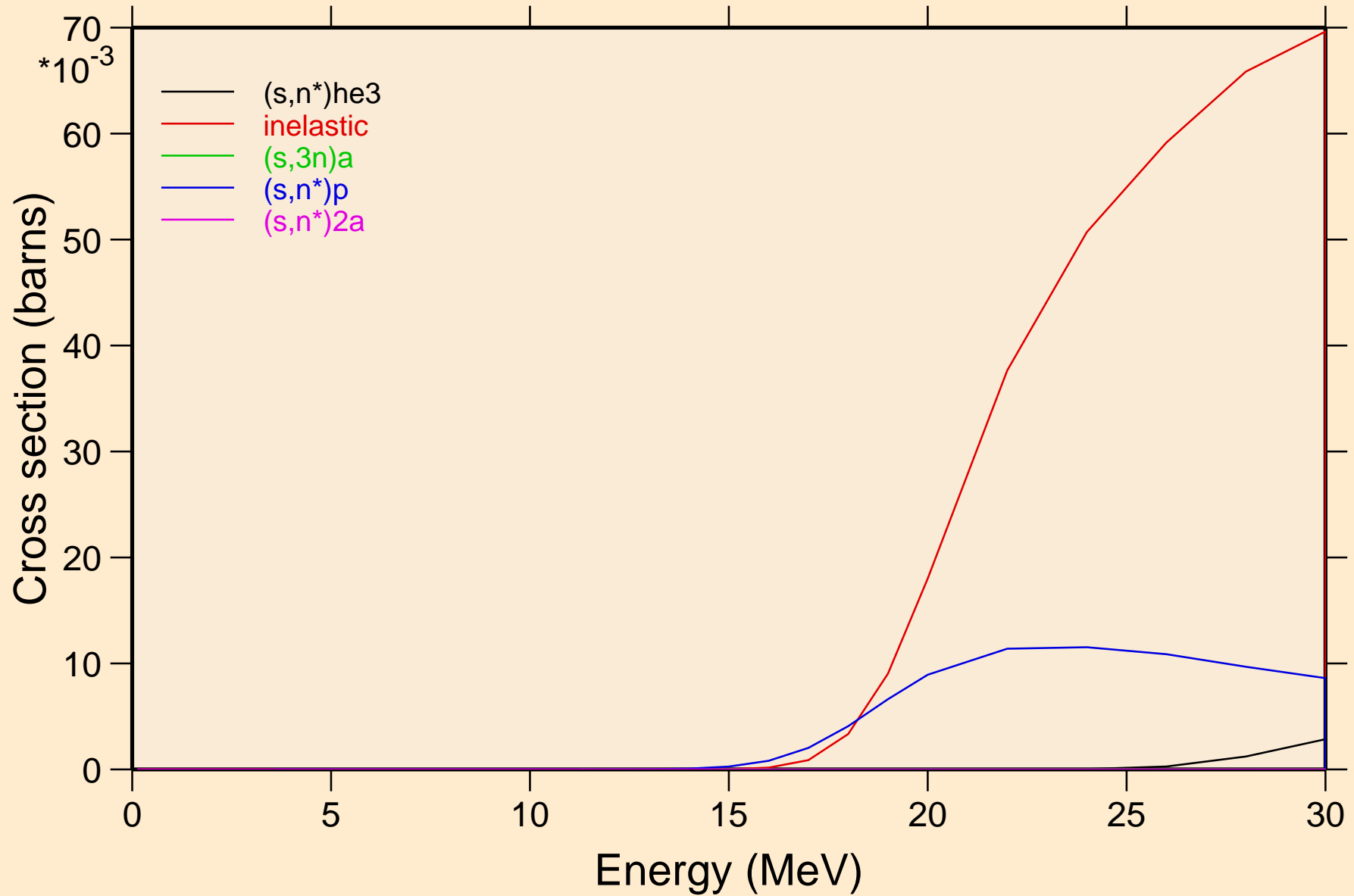
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



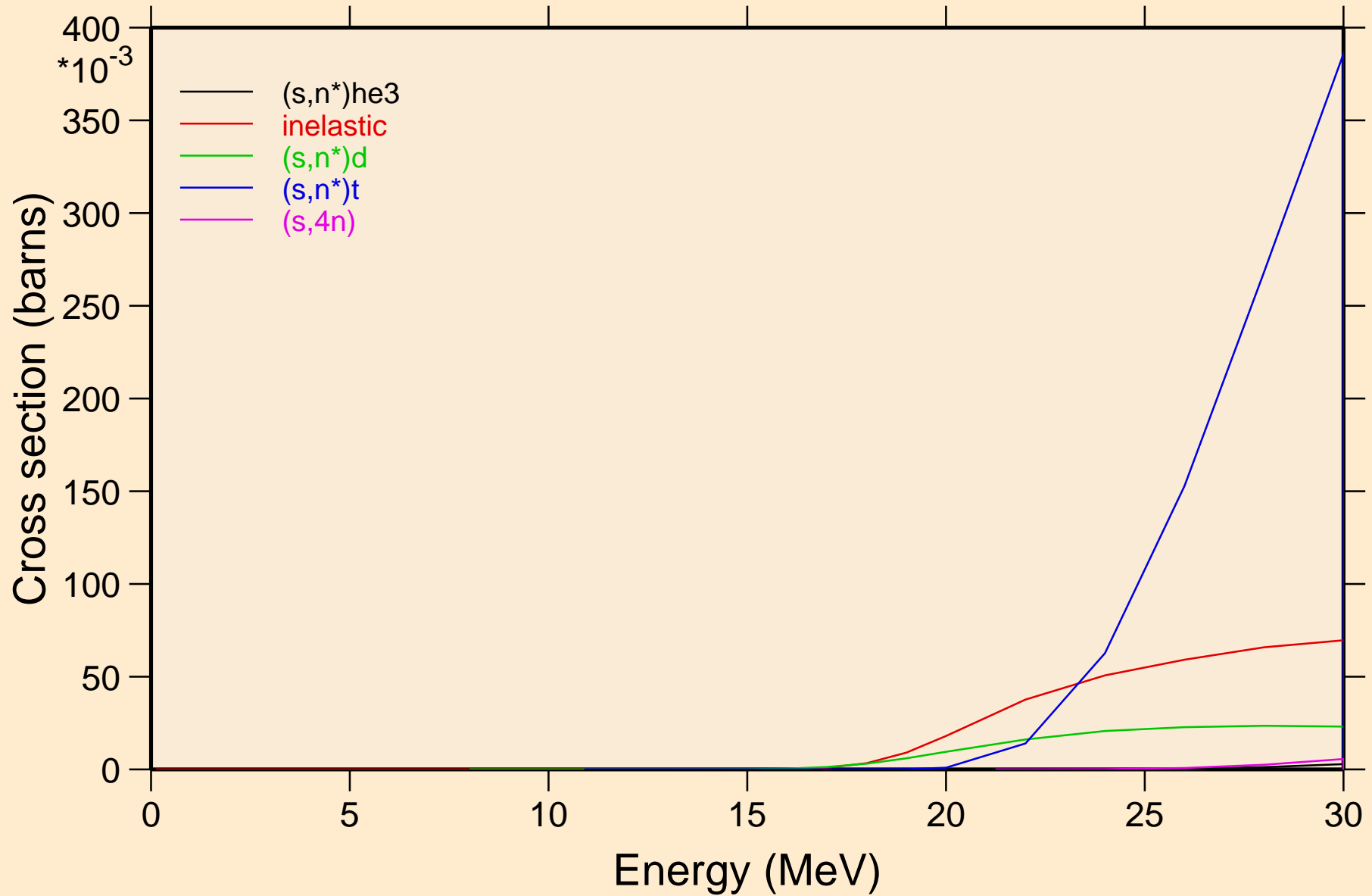
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

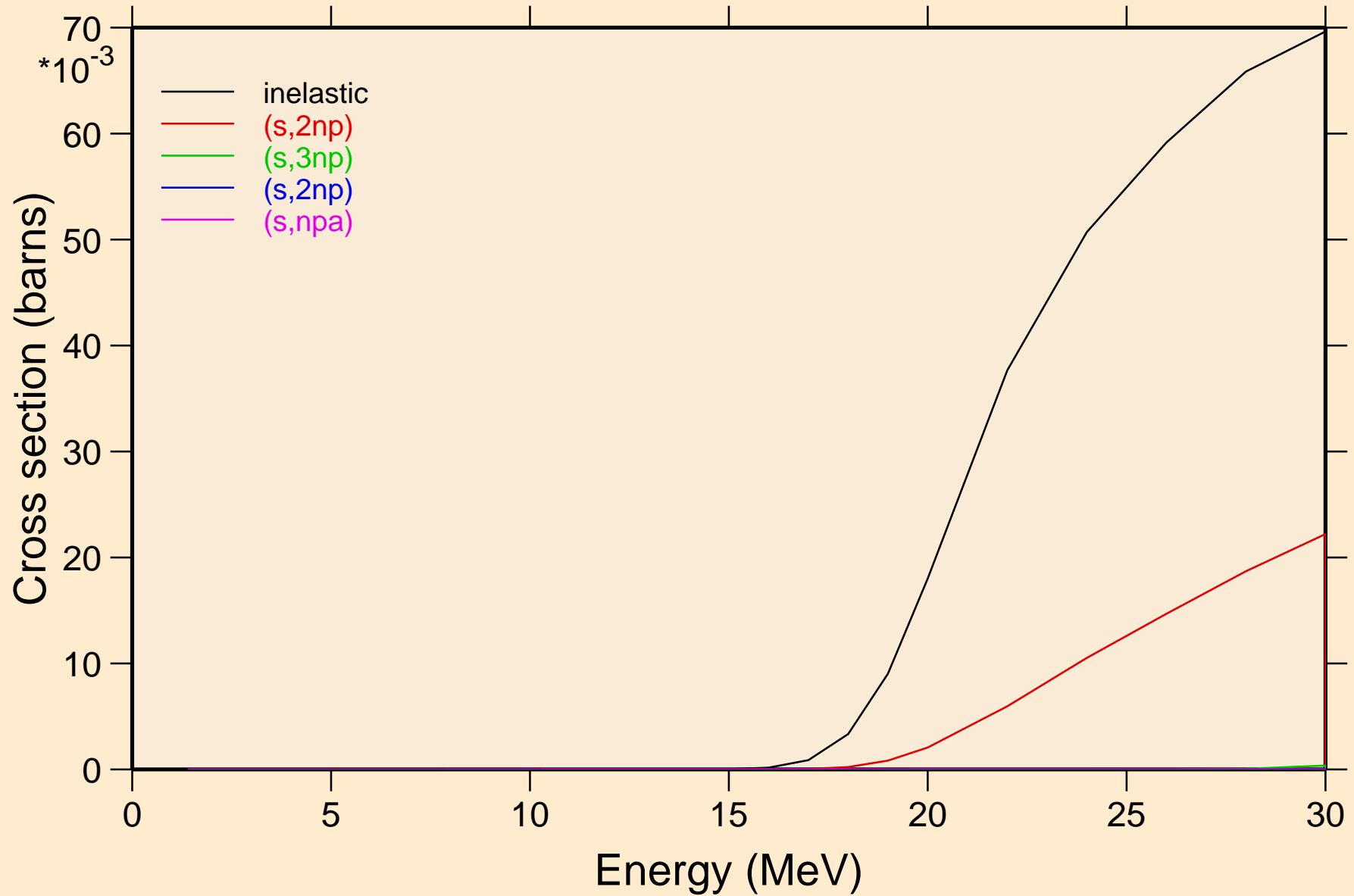


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

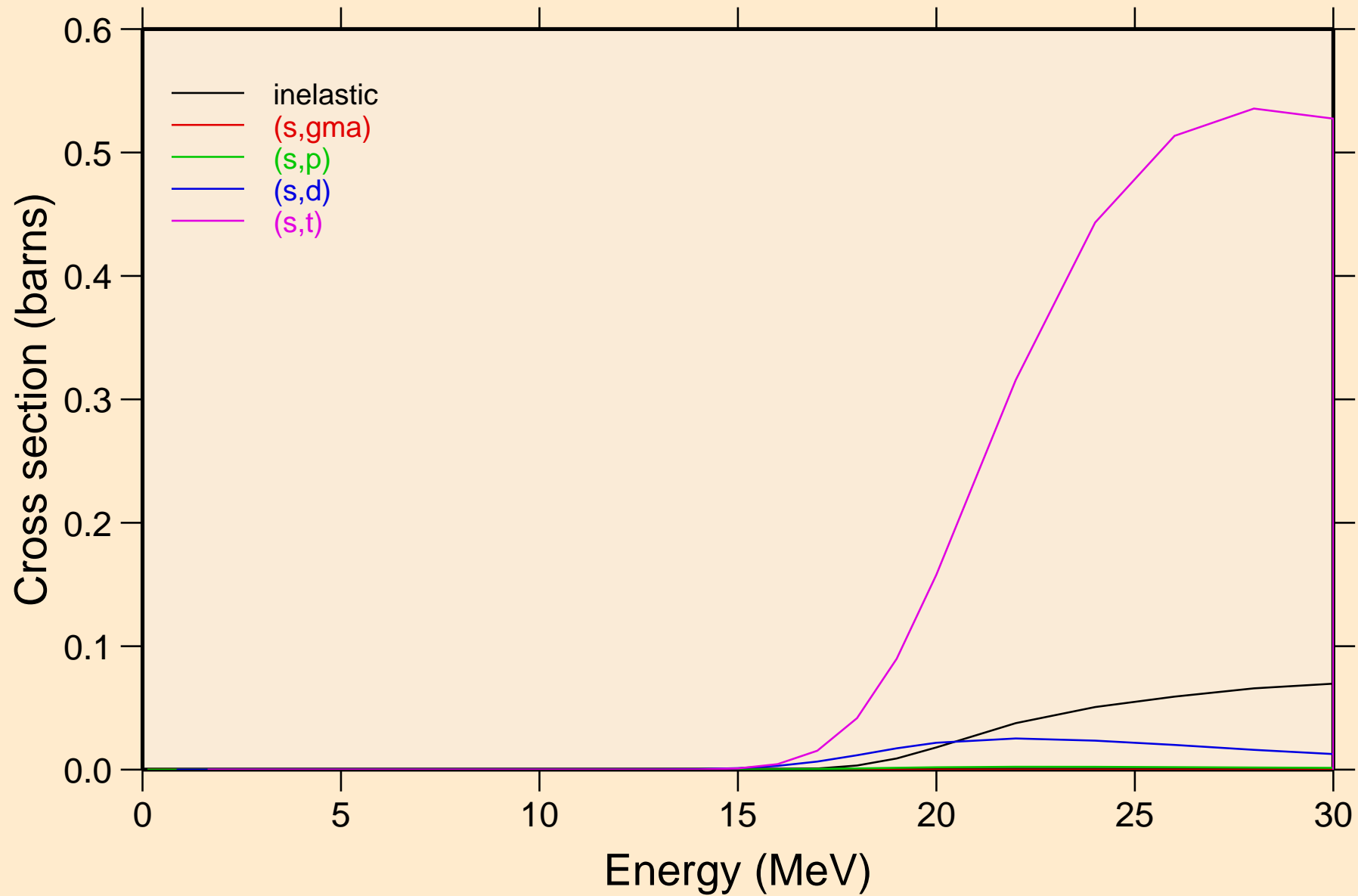




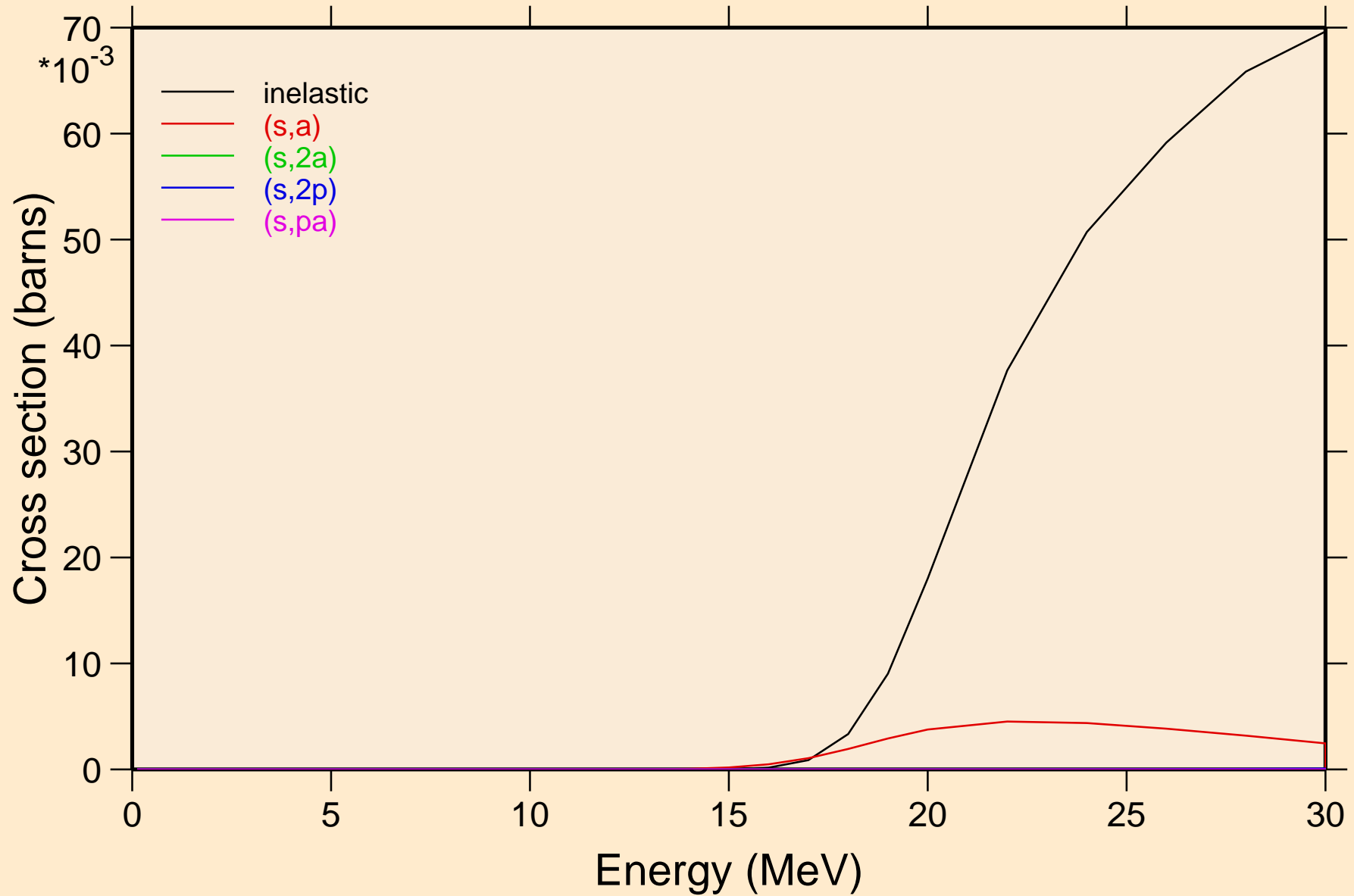
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



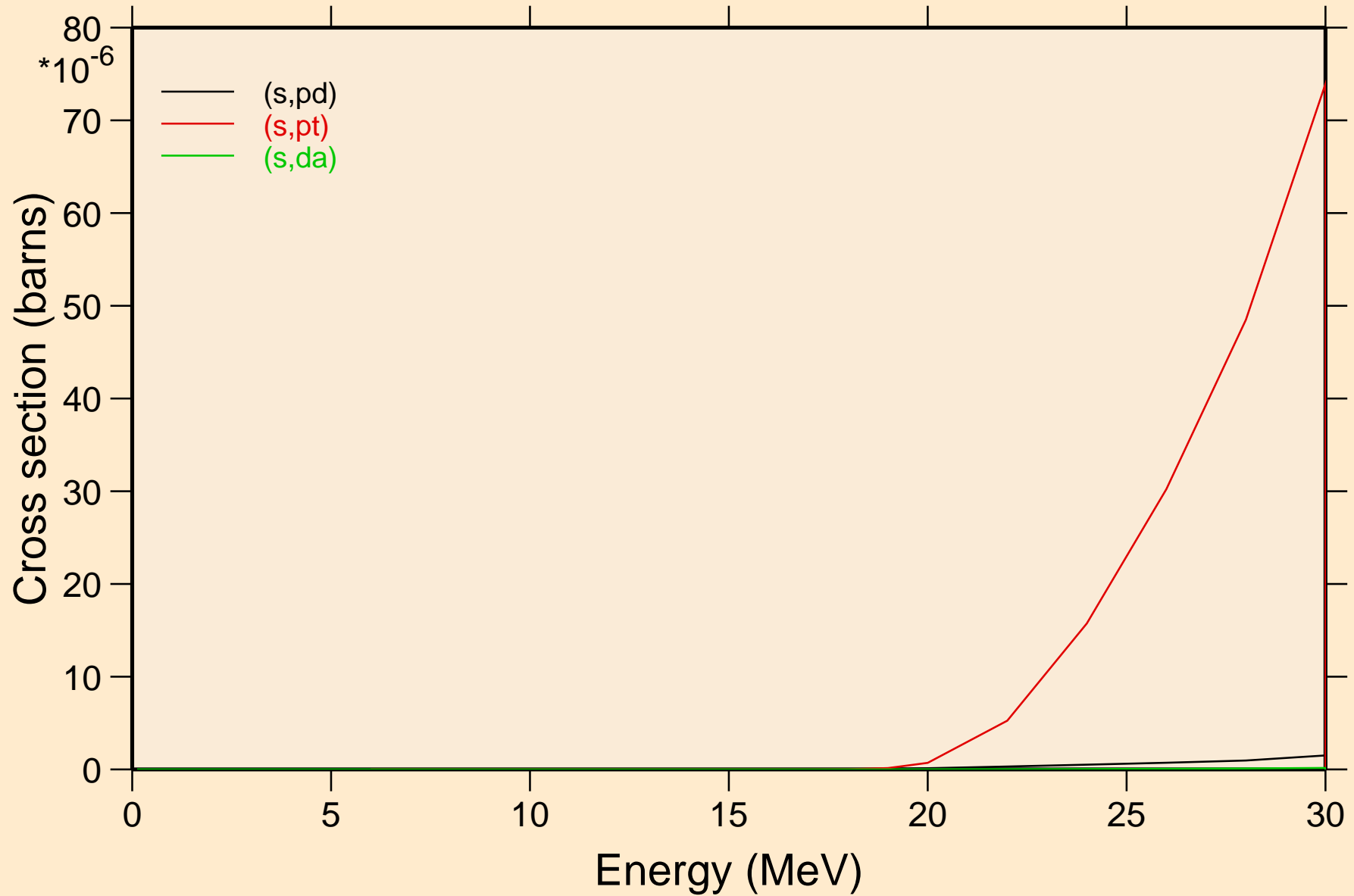
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



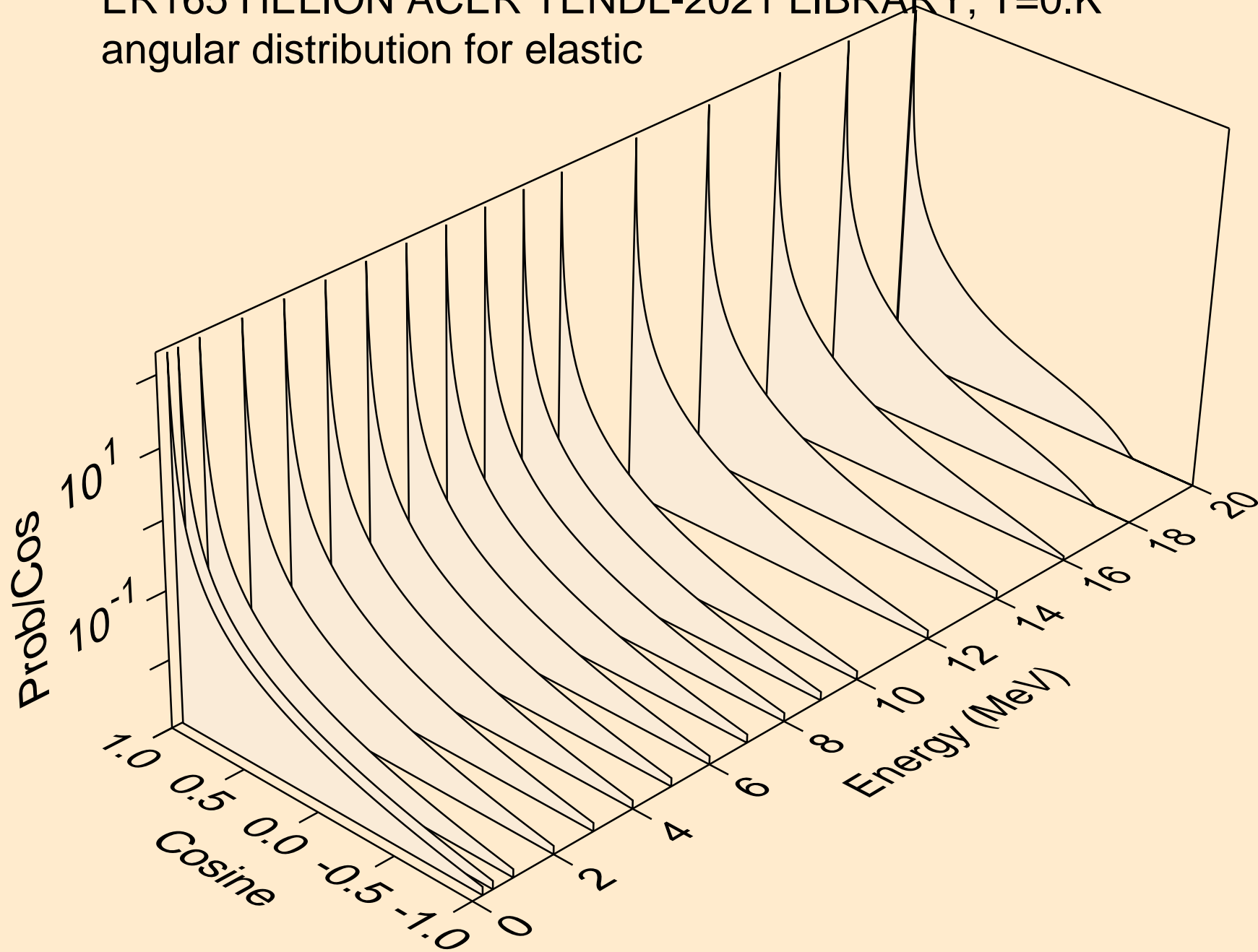
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



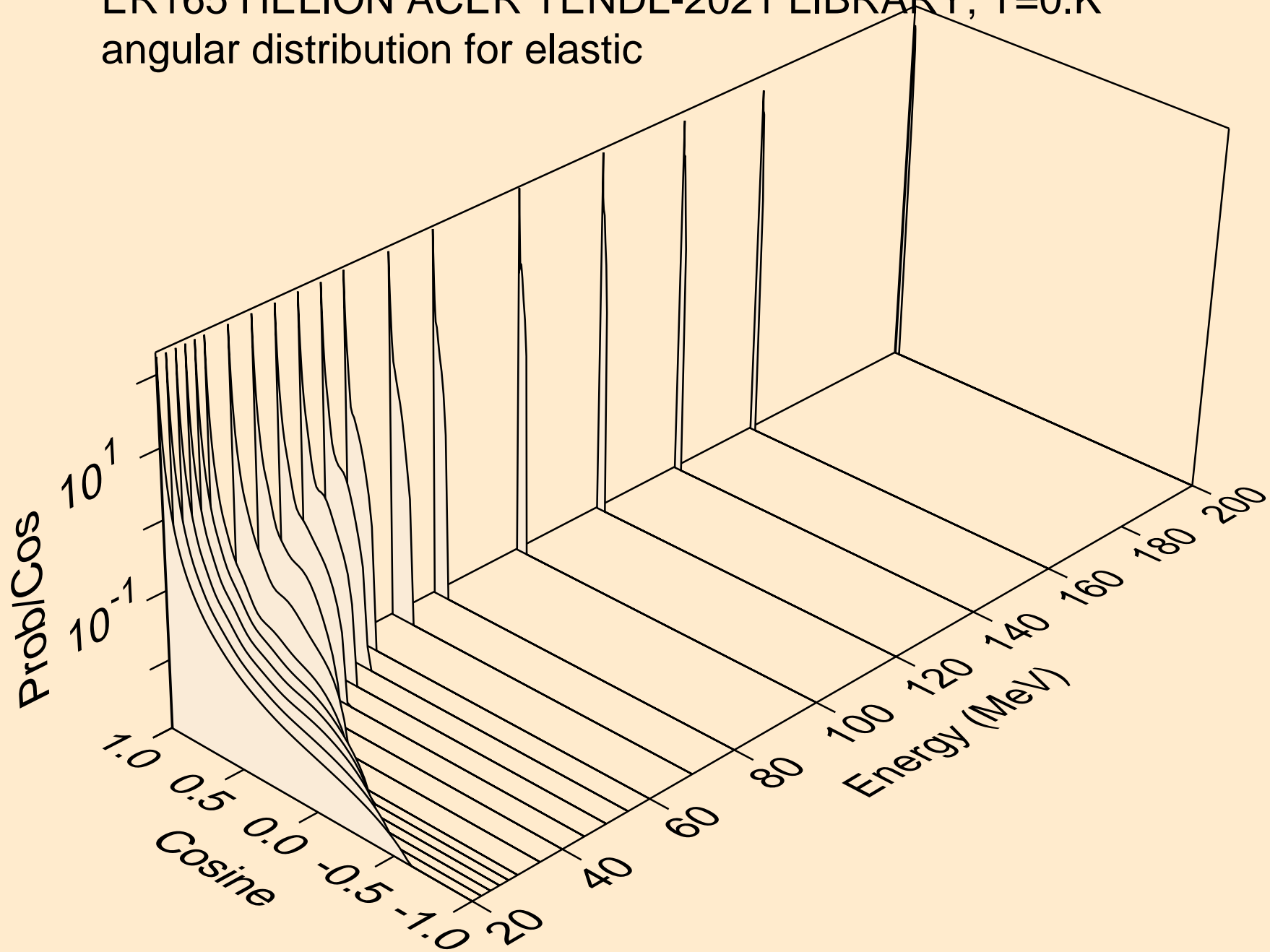
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



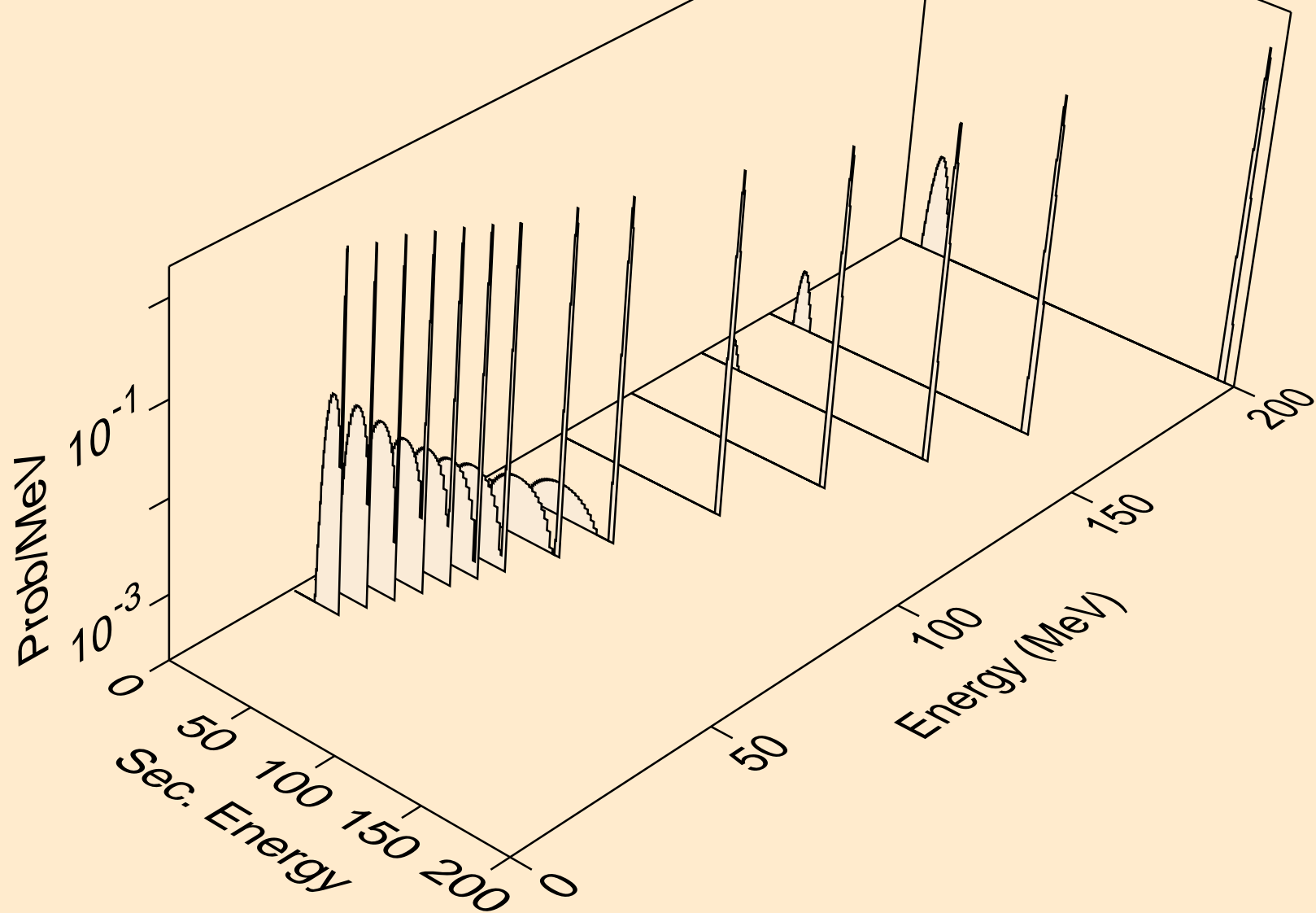
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



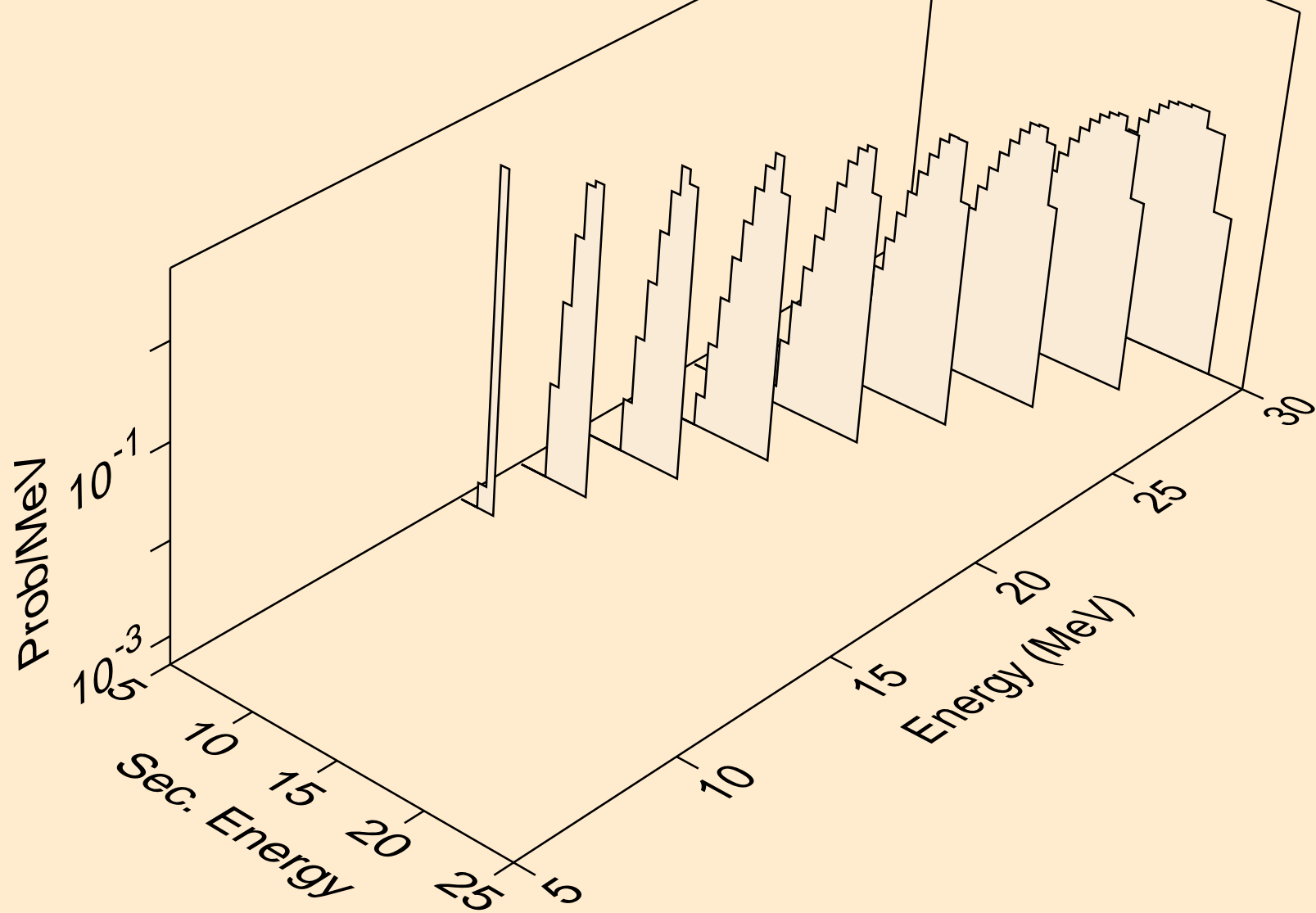
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

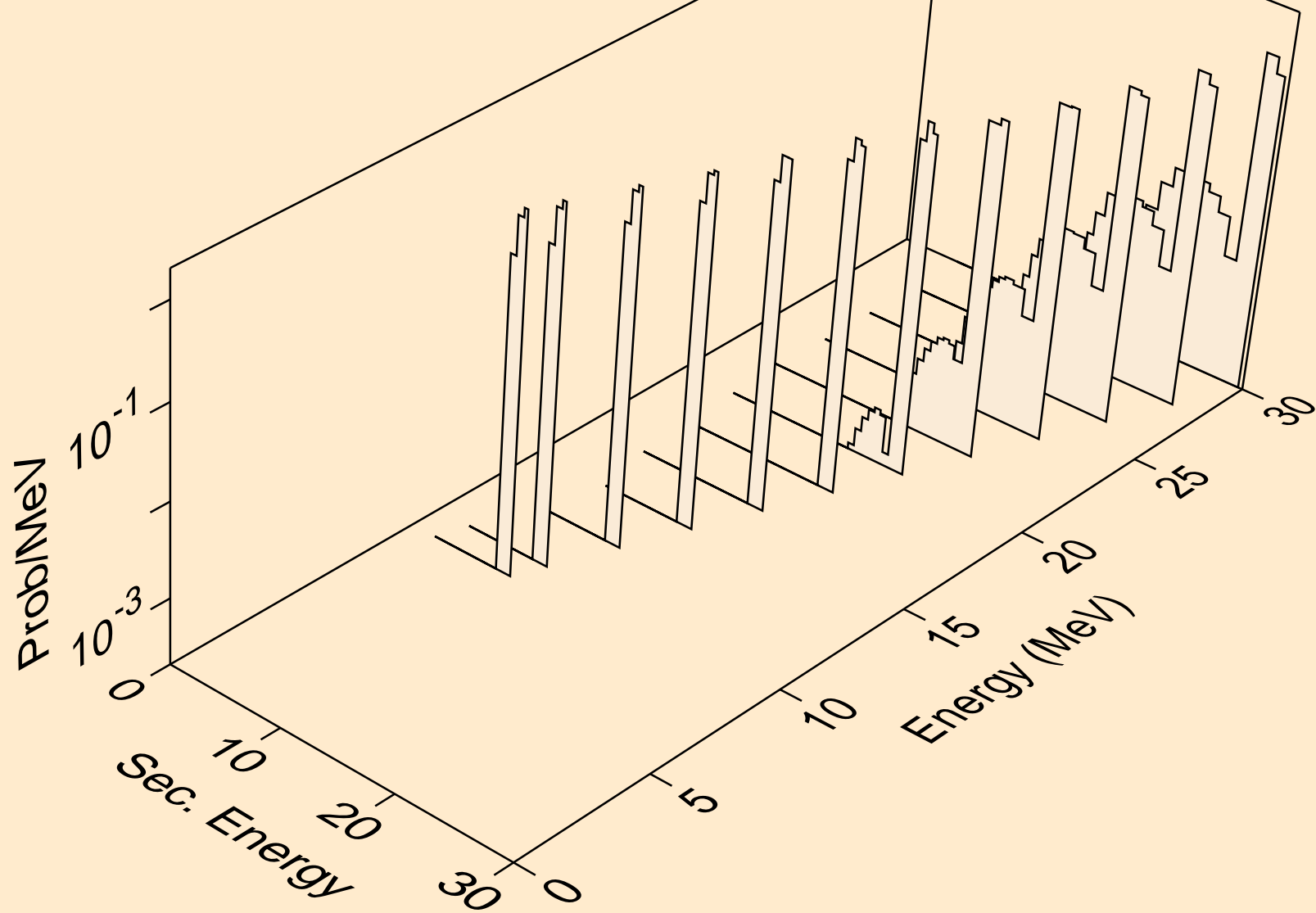


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

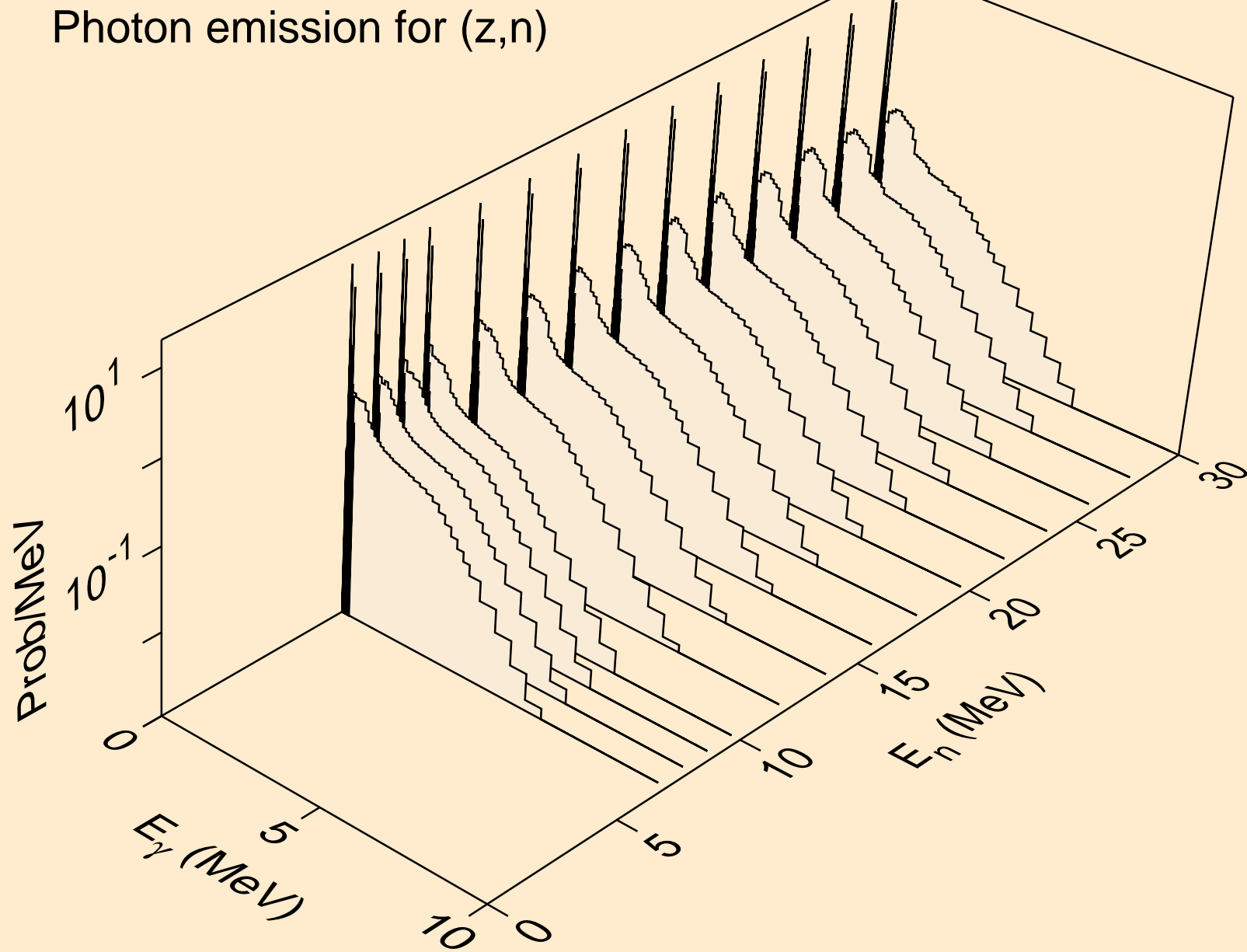




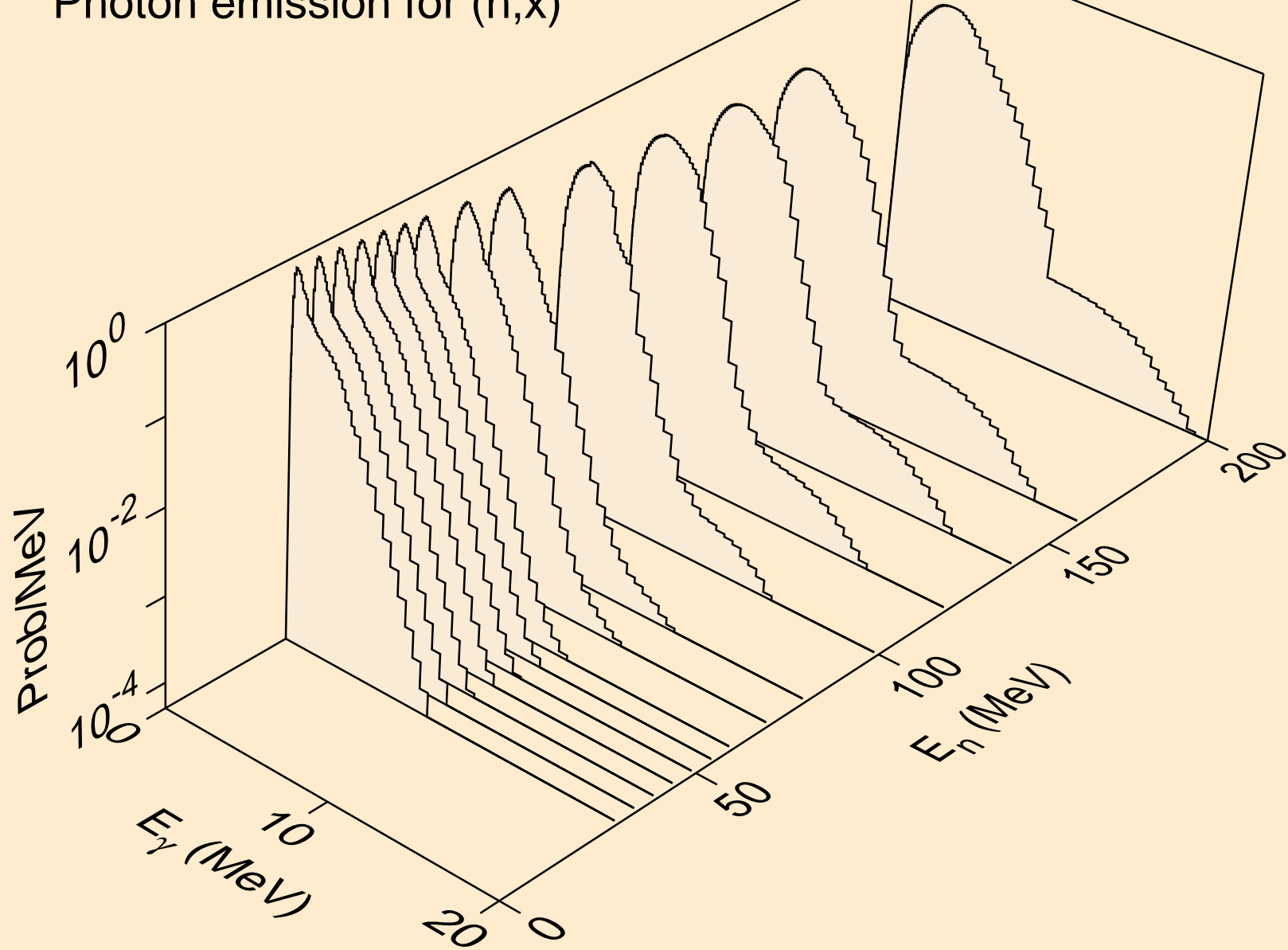
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



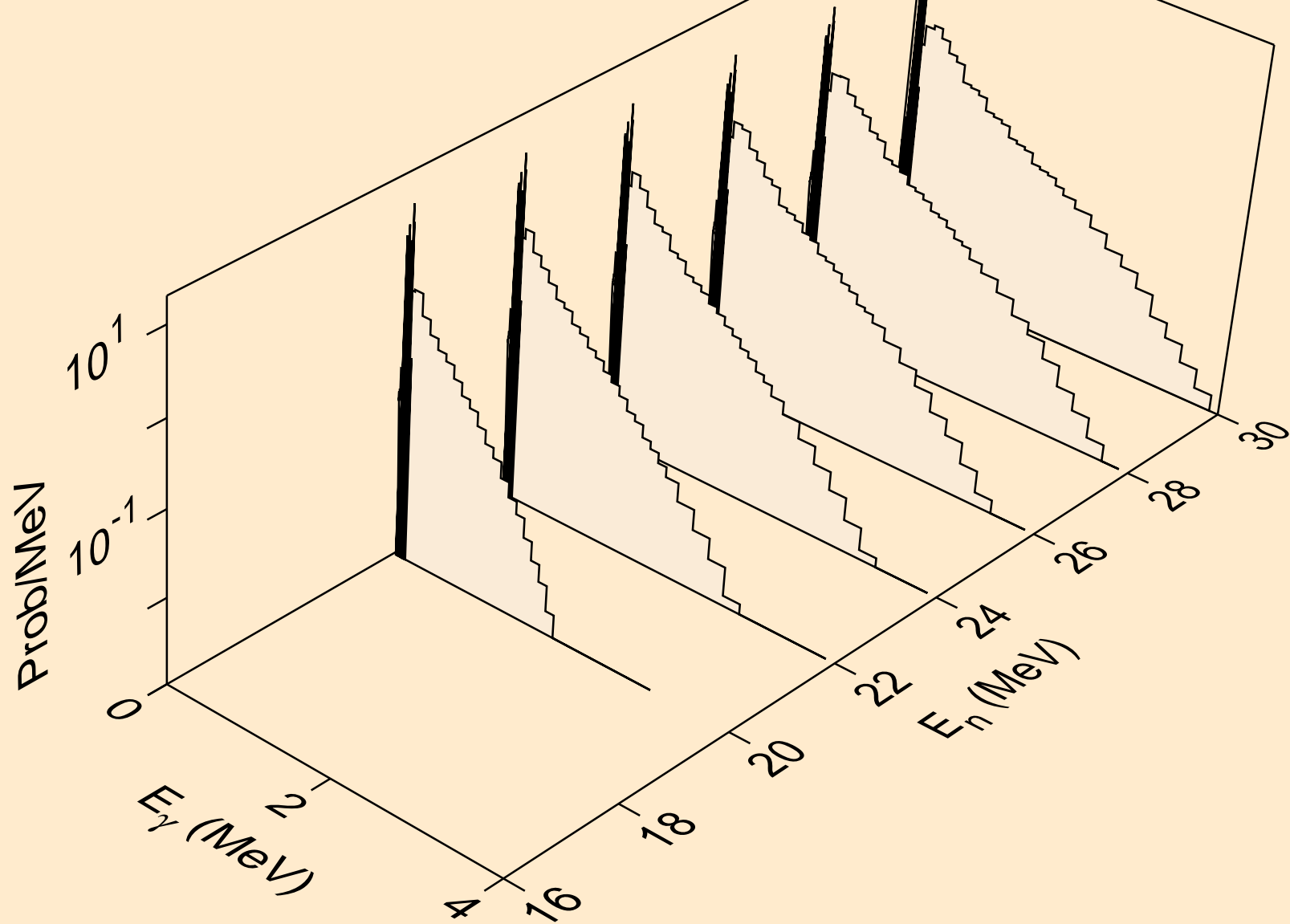
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



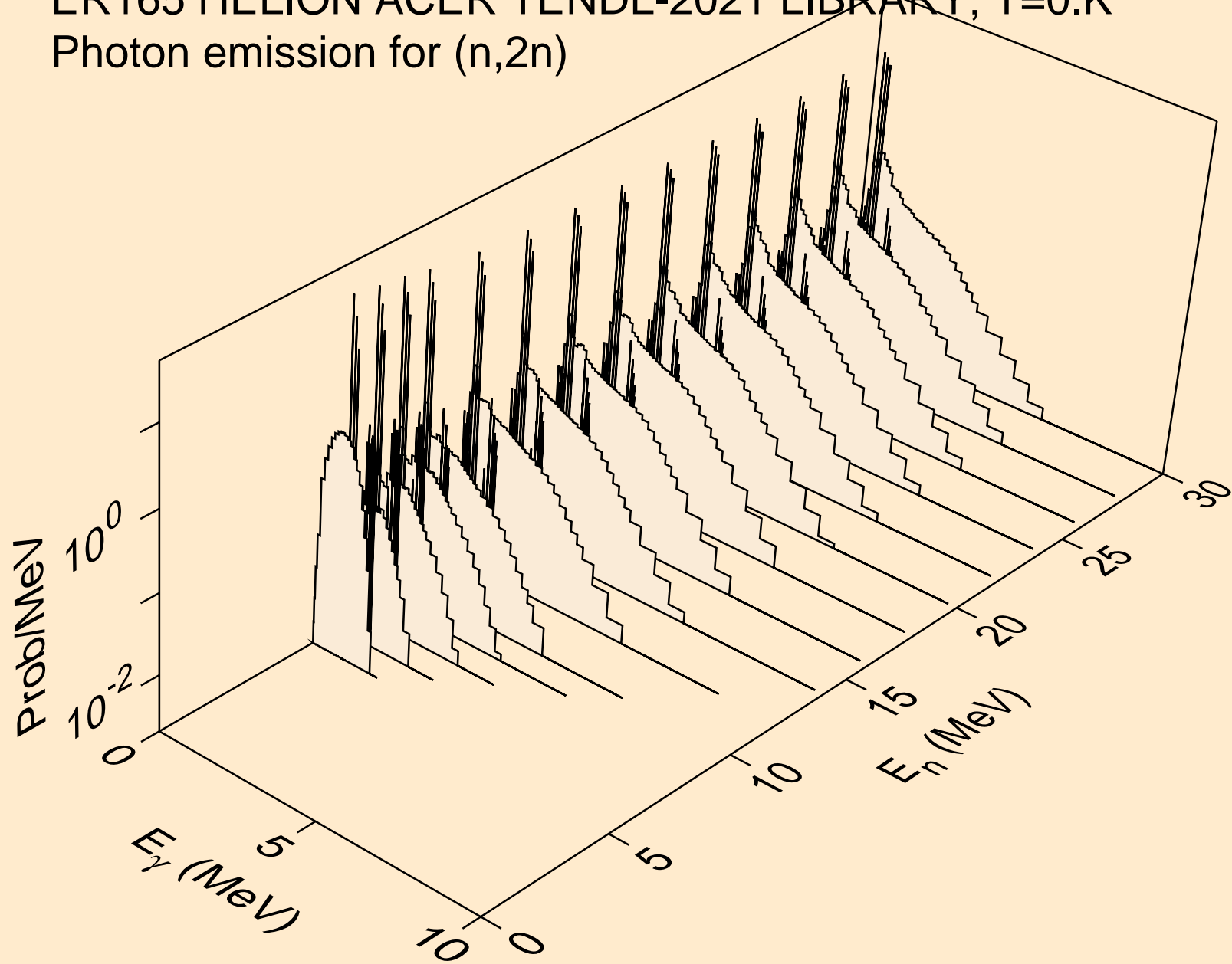
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



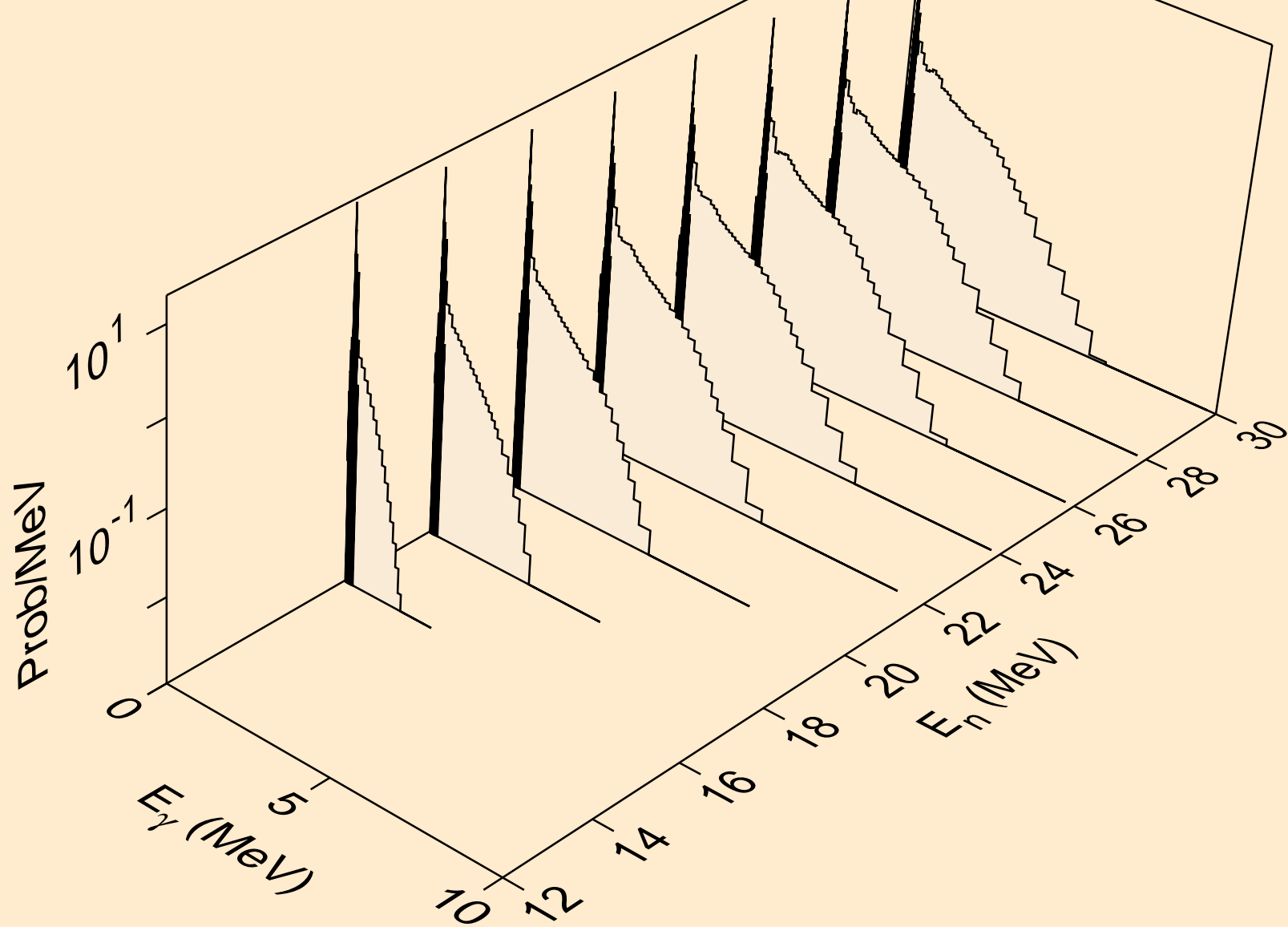
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



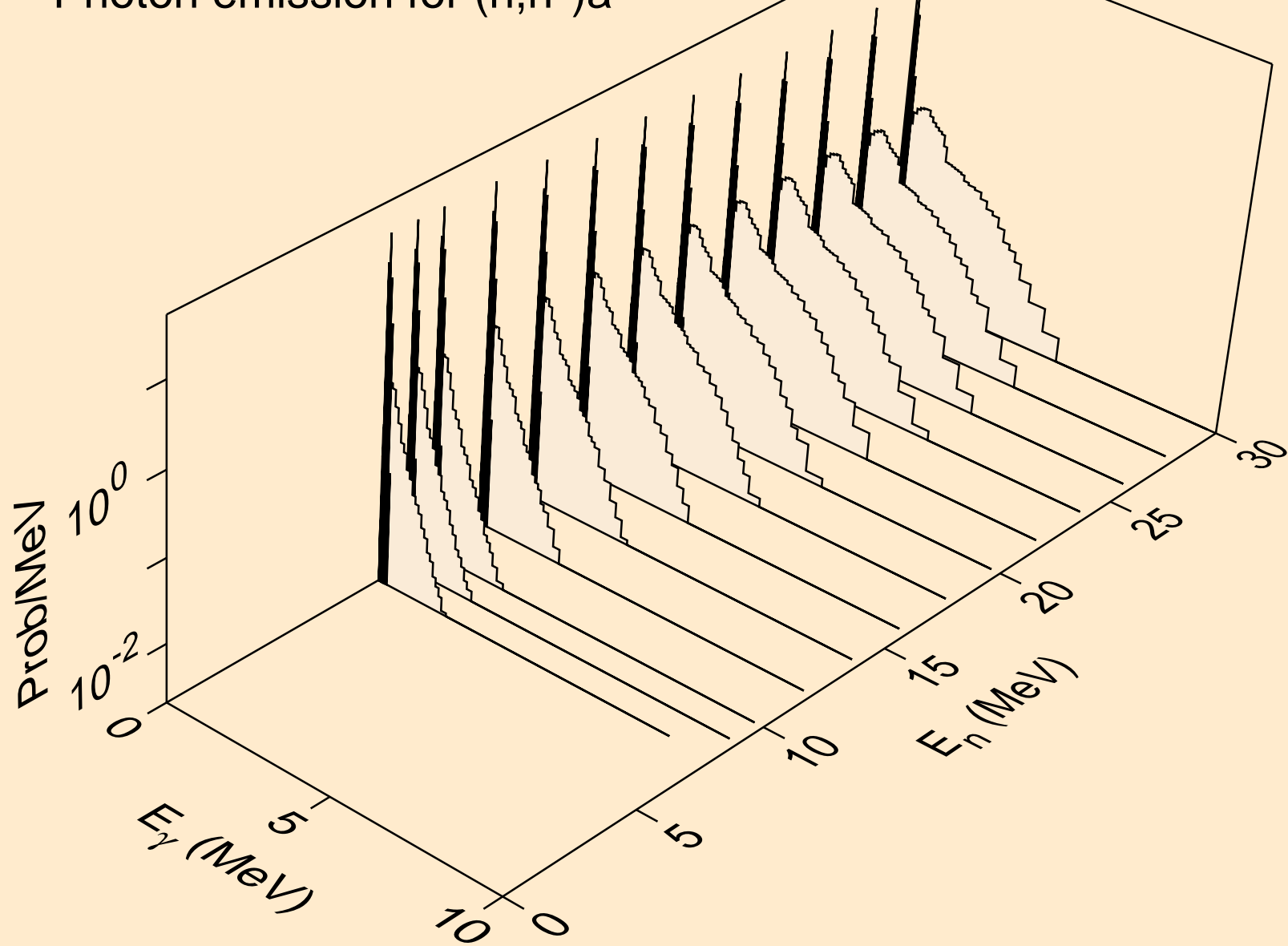
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



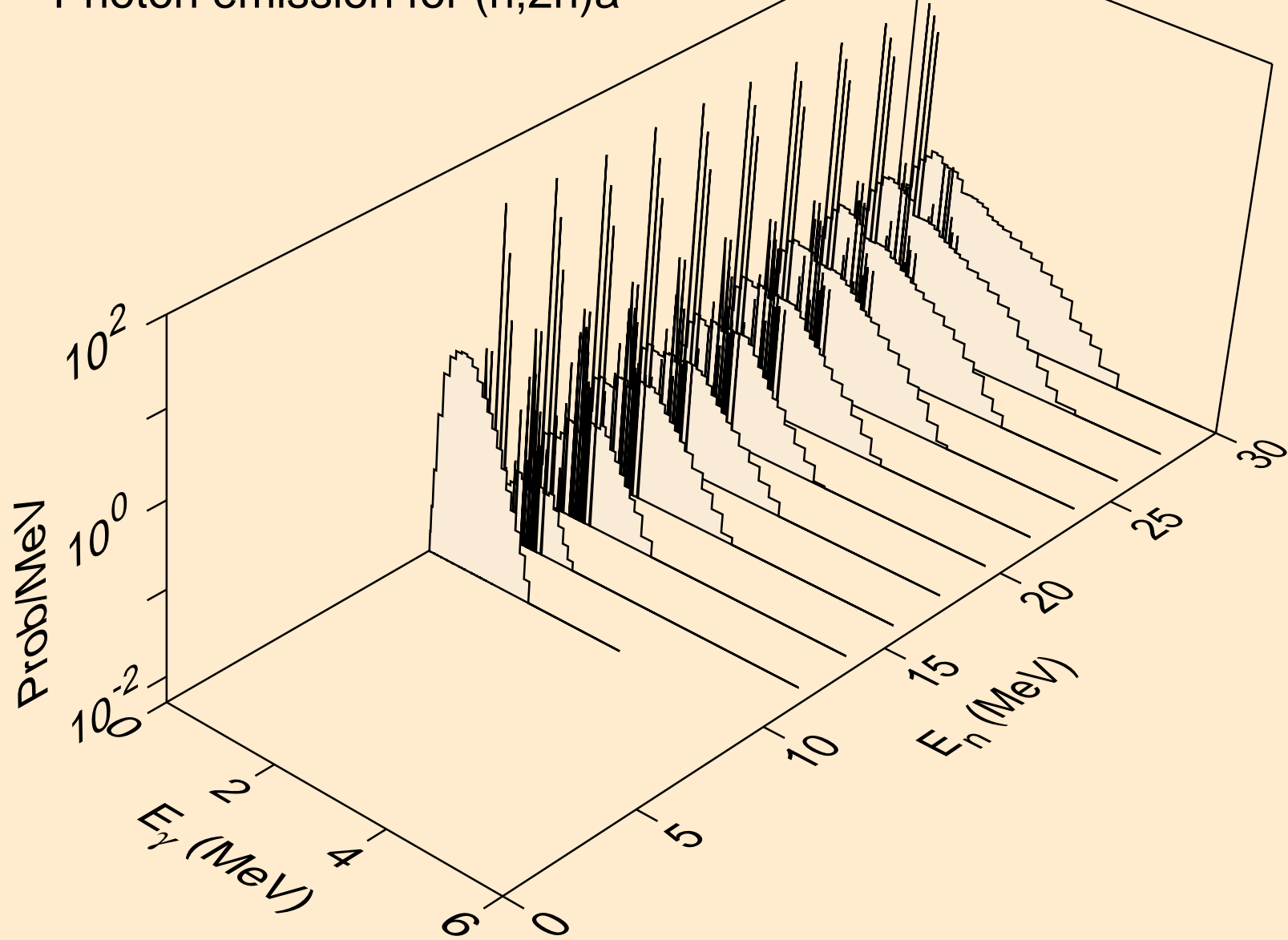
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

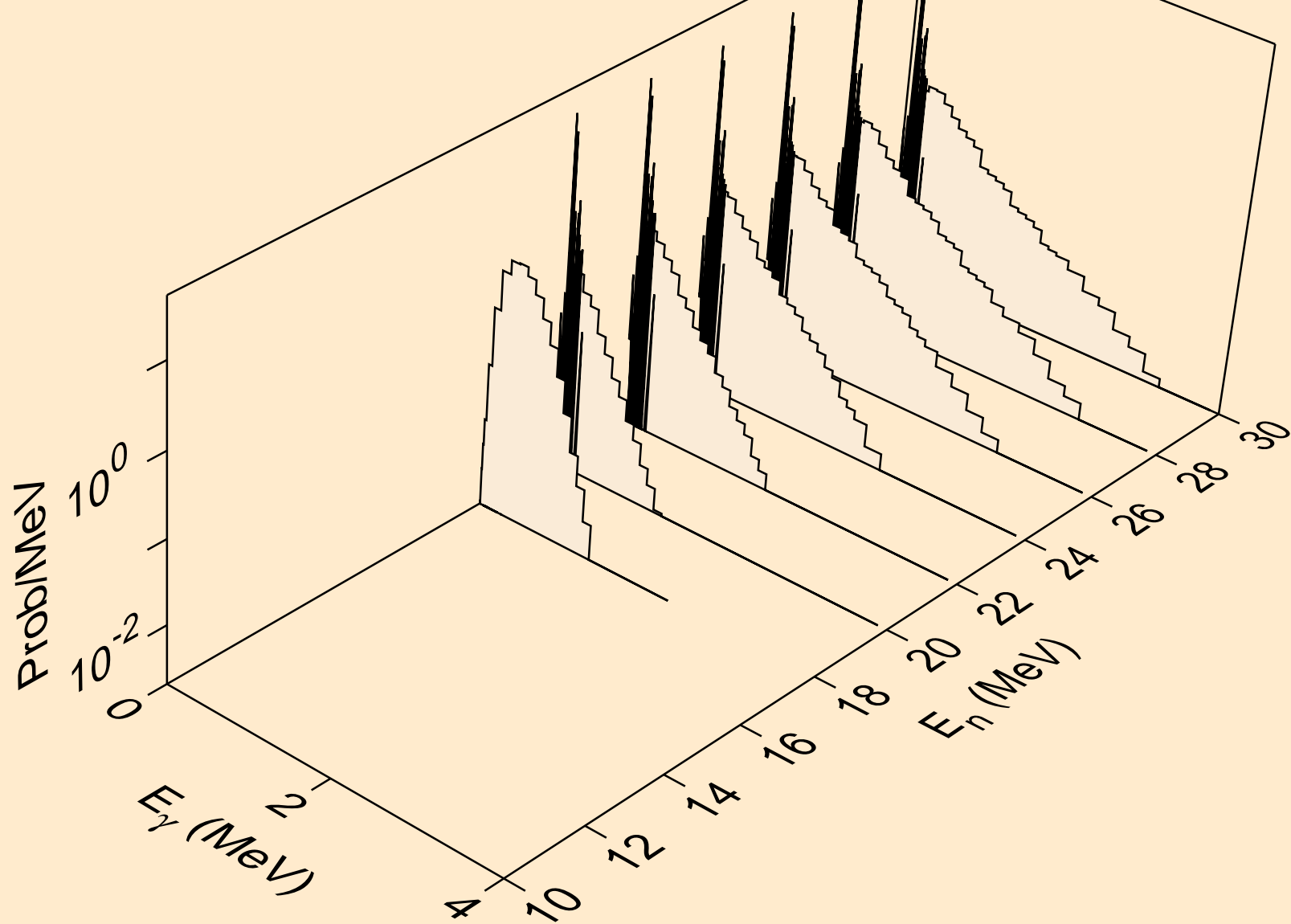


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

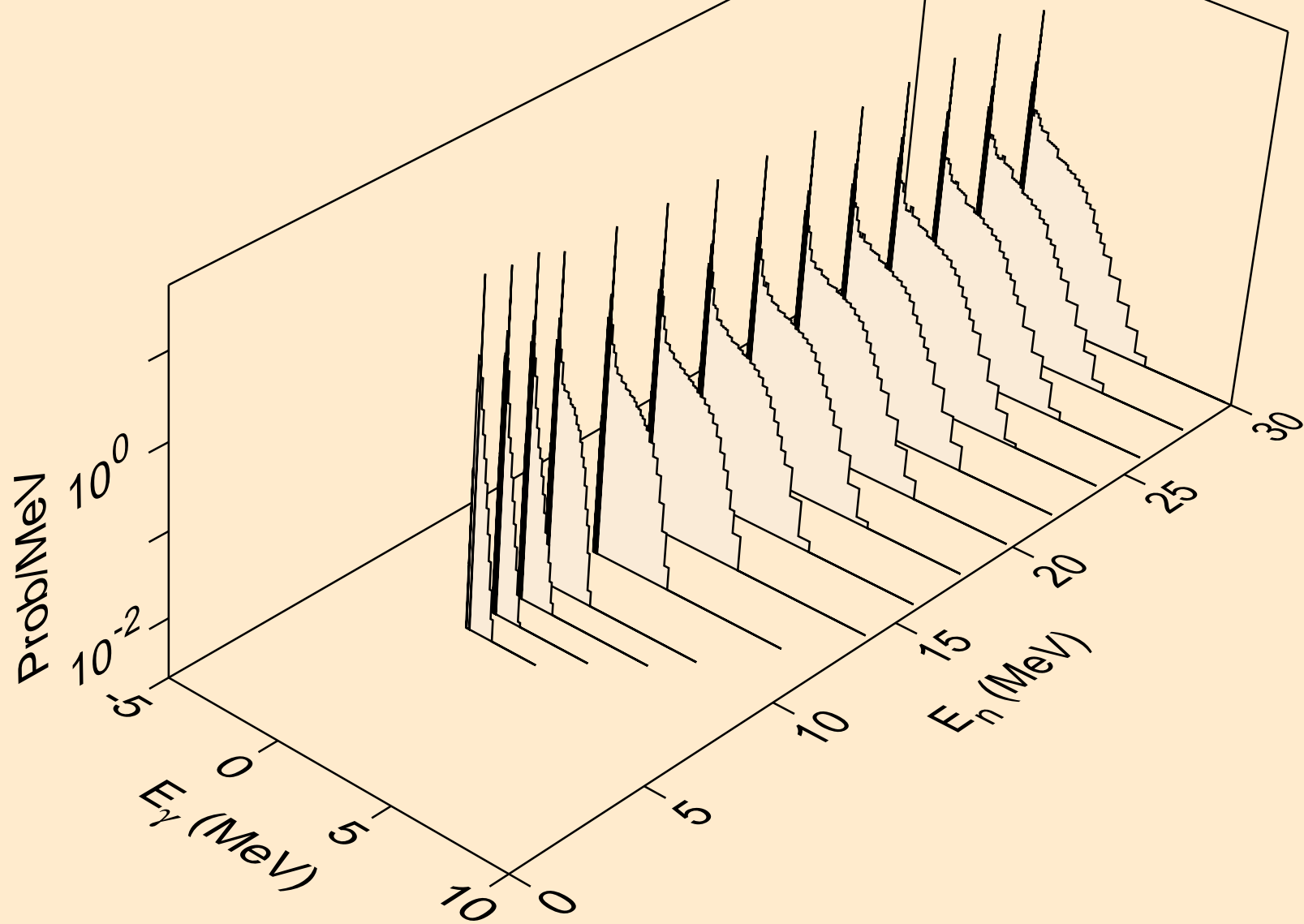




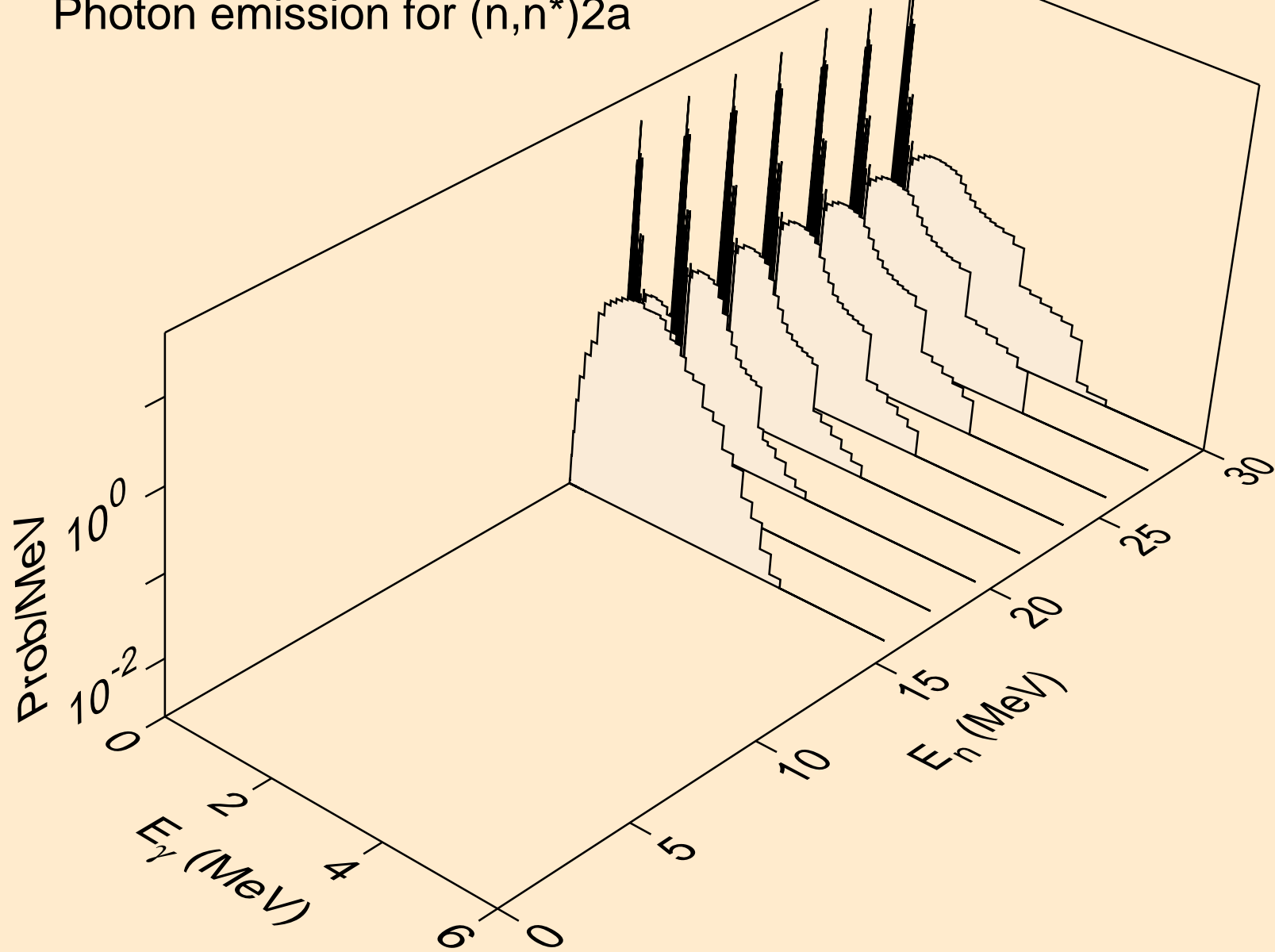
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



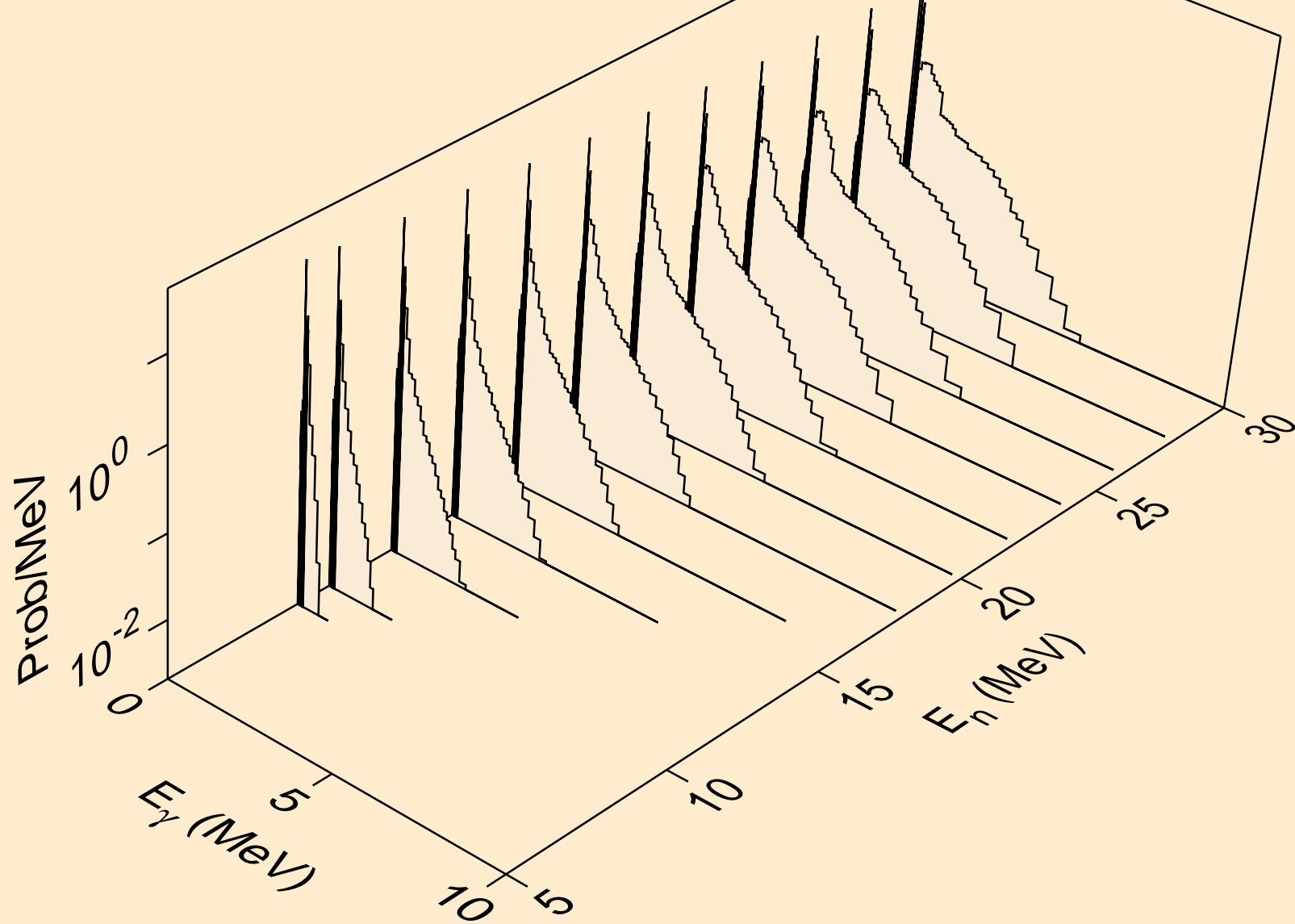
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



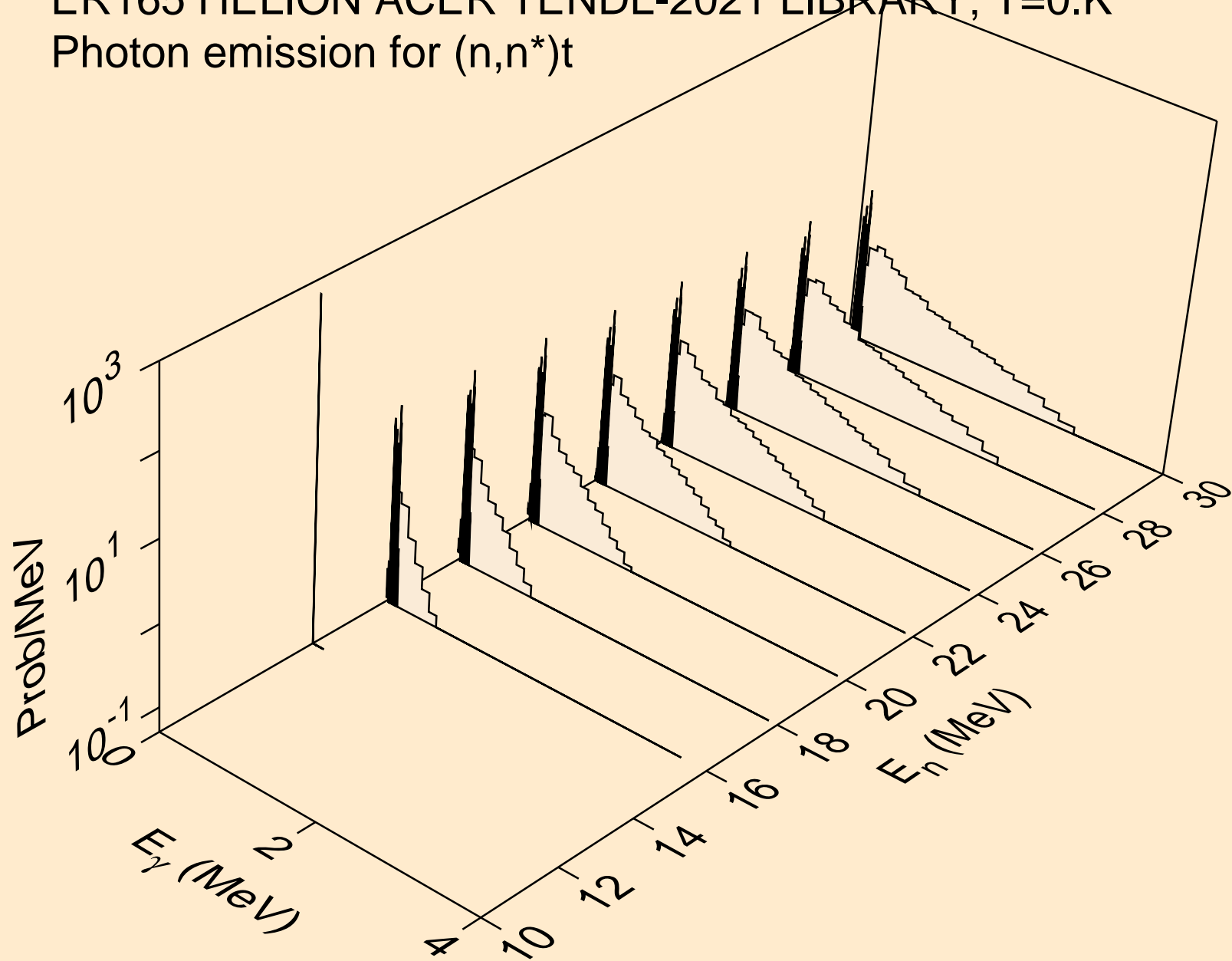
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Photon emission for (n,n\*)2a



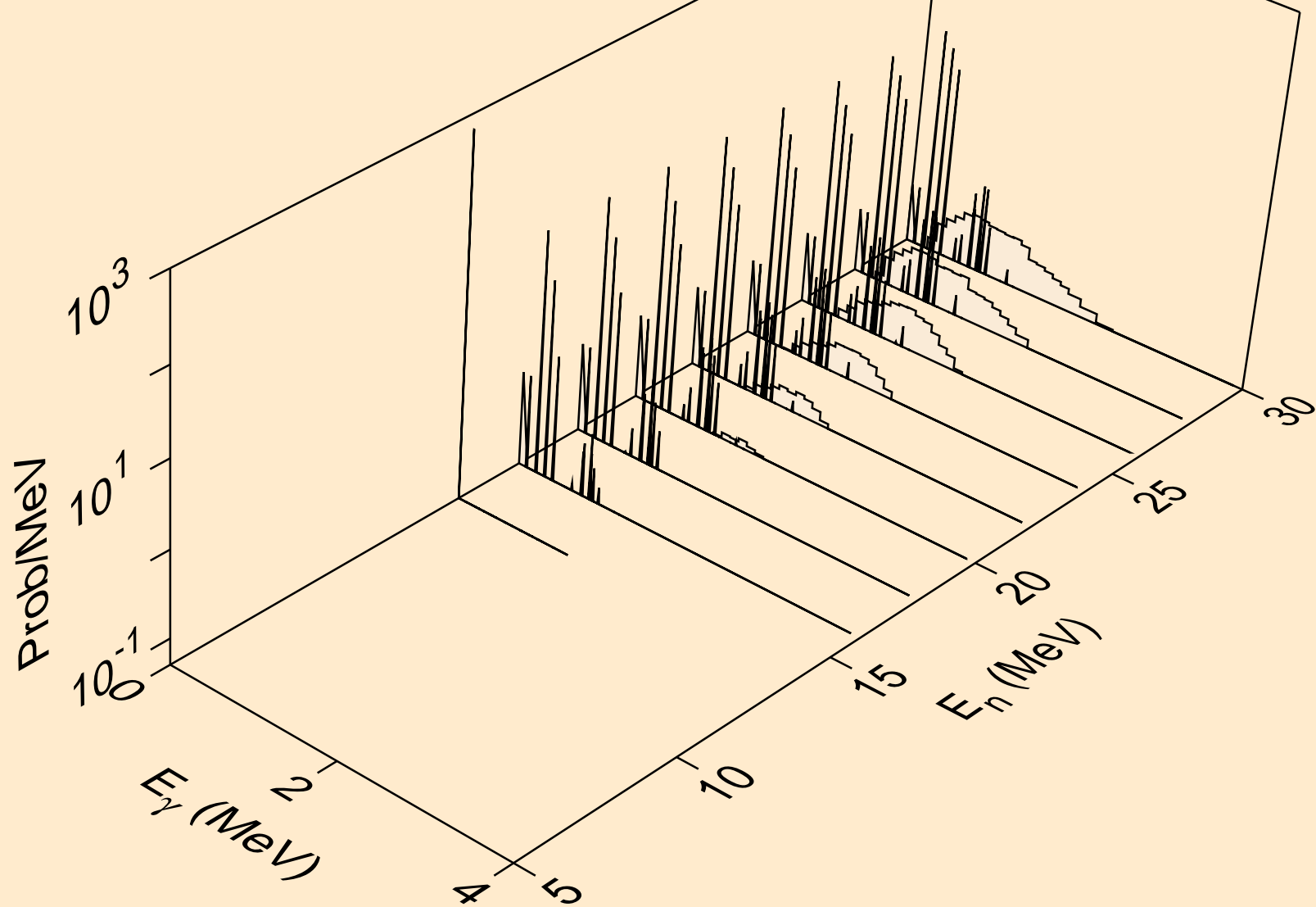
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



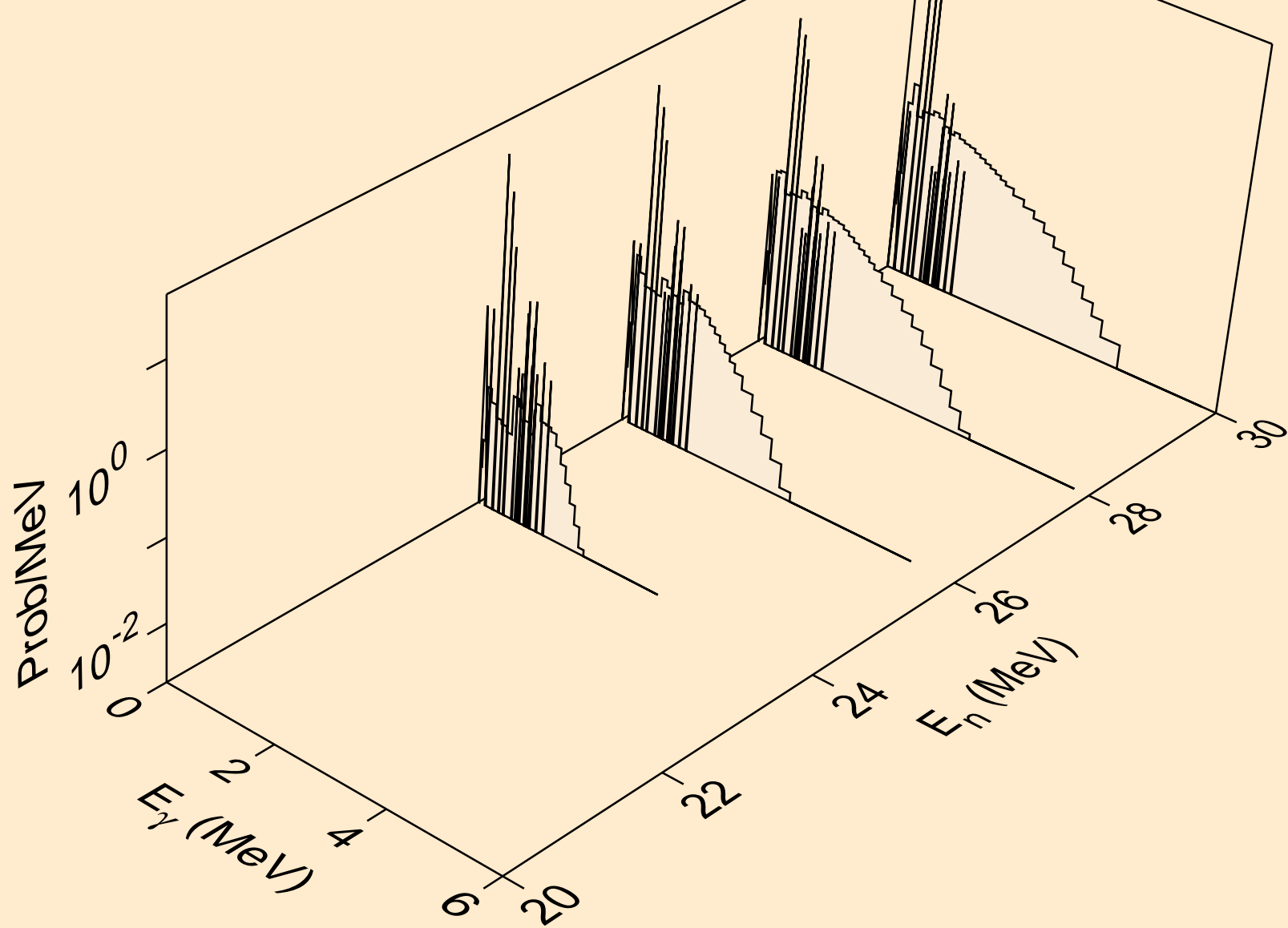
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



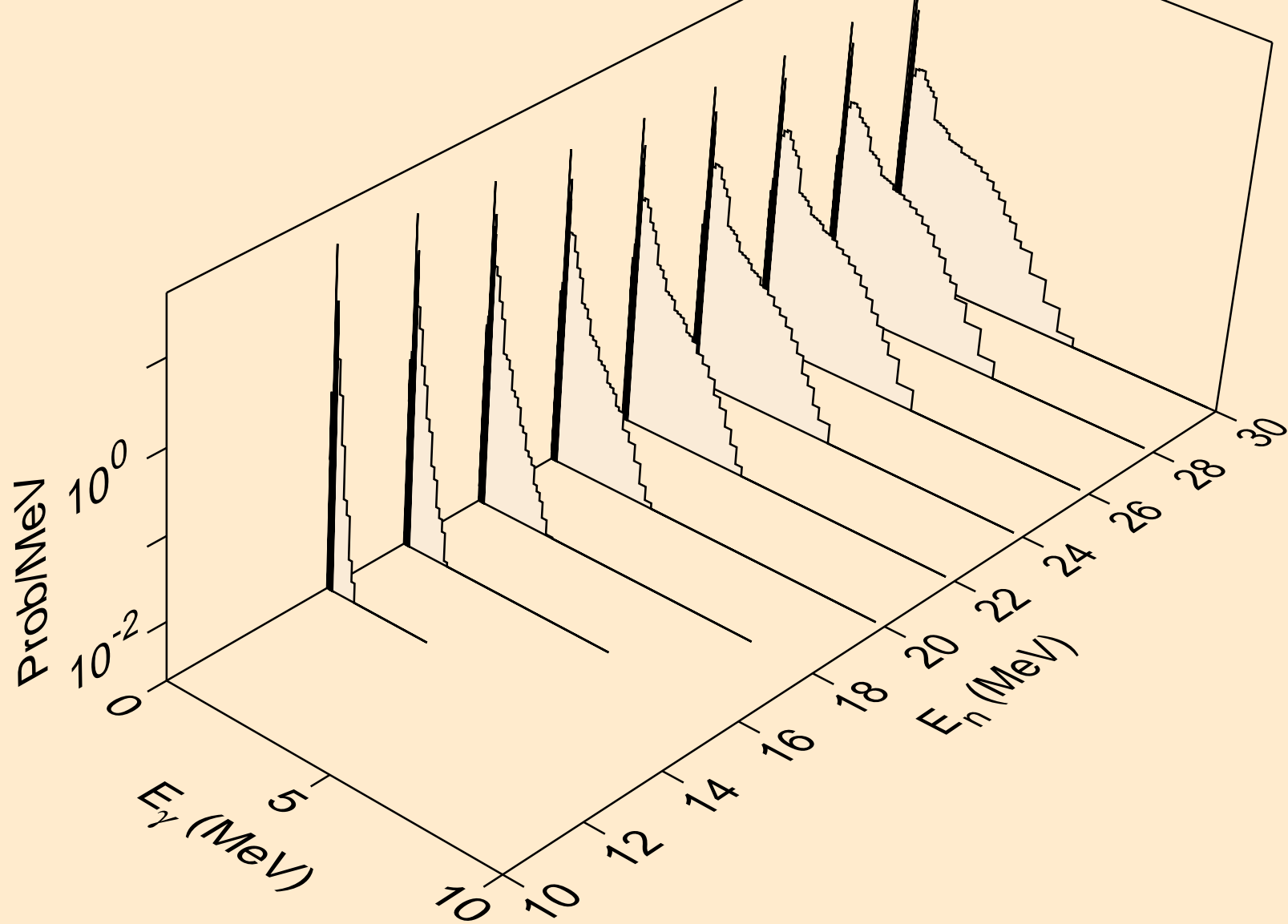
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

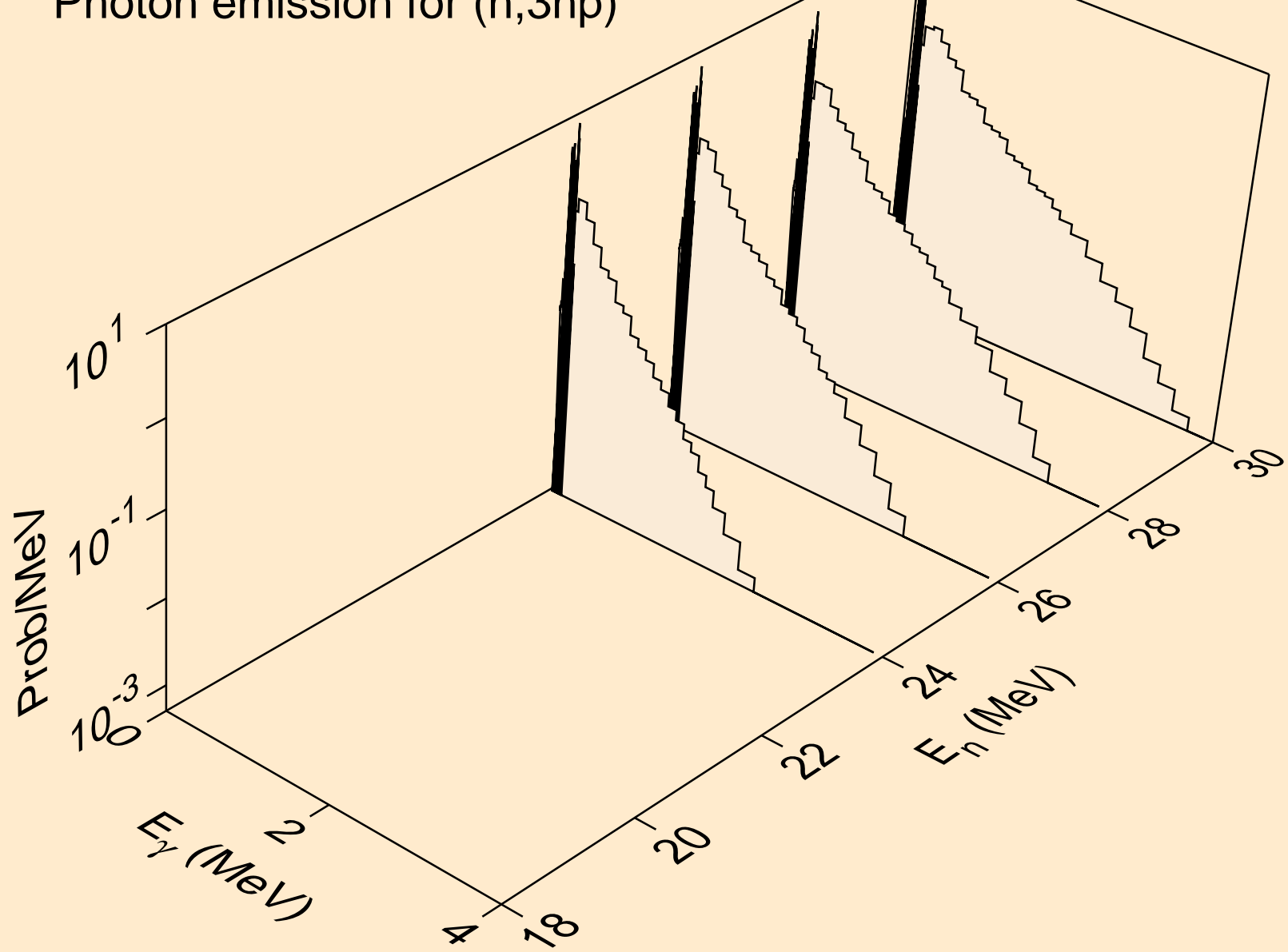


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Photon emission for (n,2np)

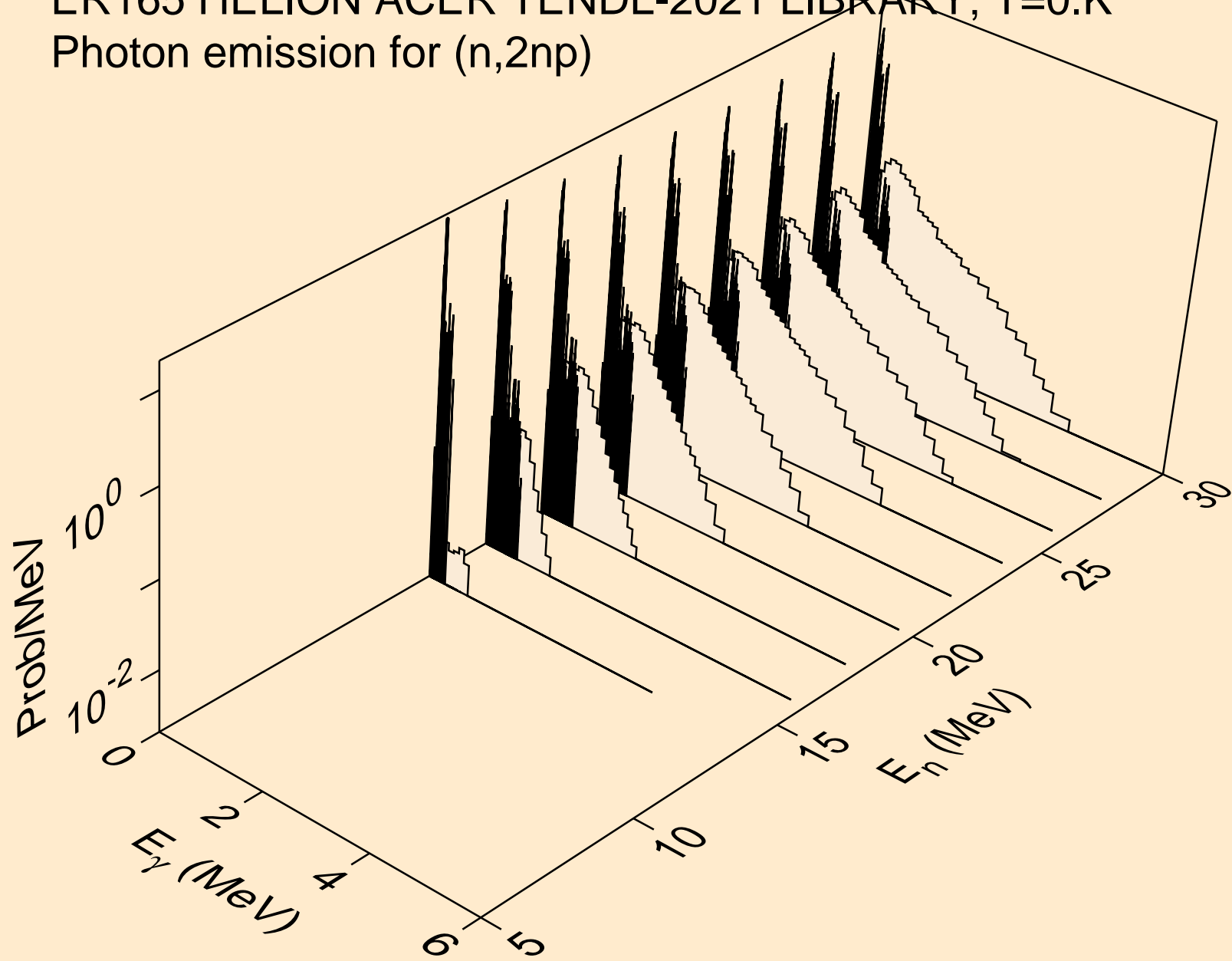




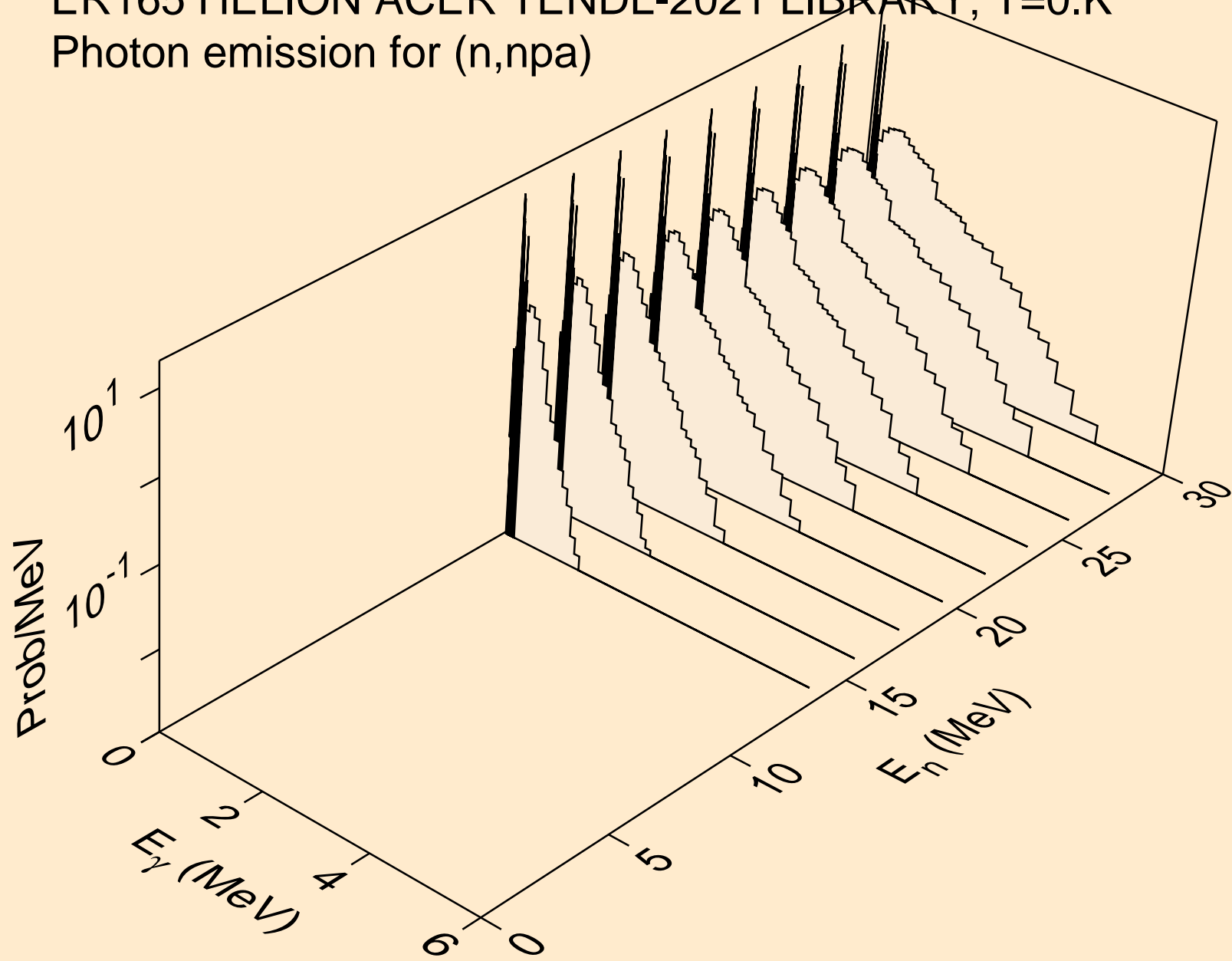
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Photon emission for (n,3np)



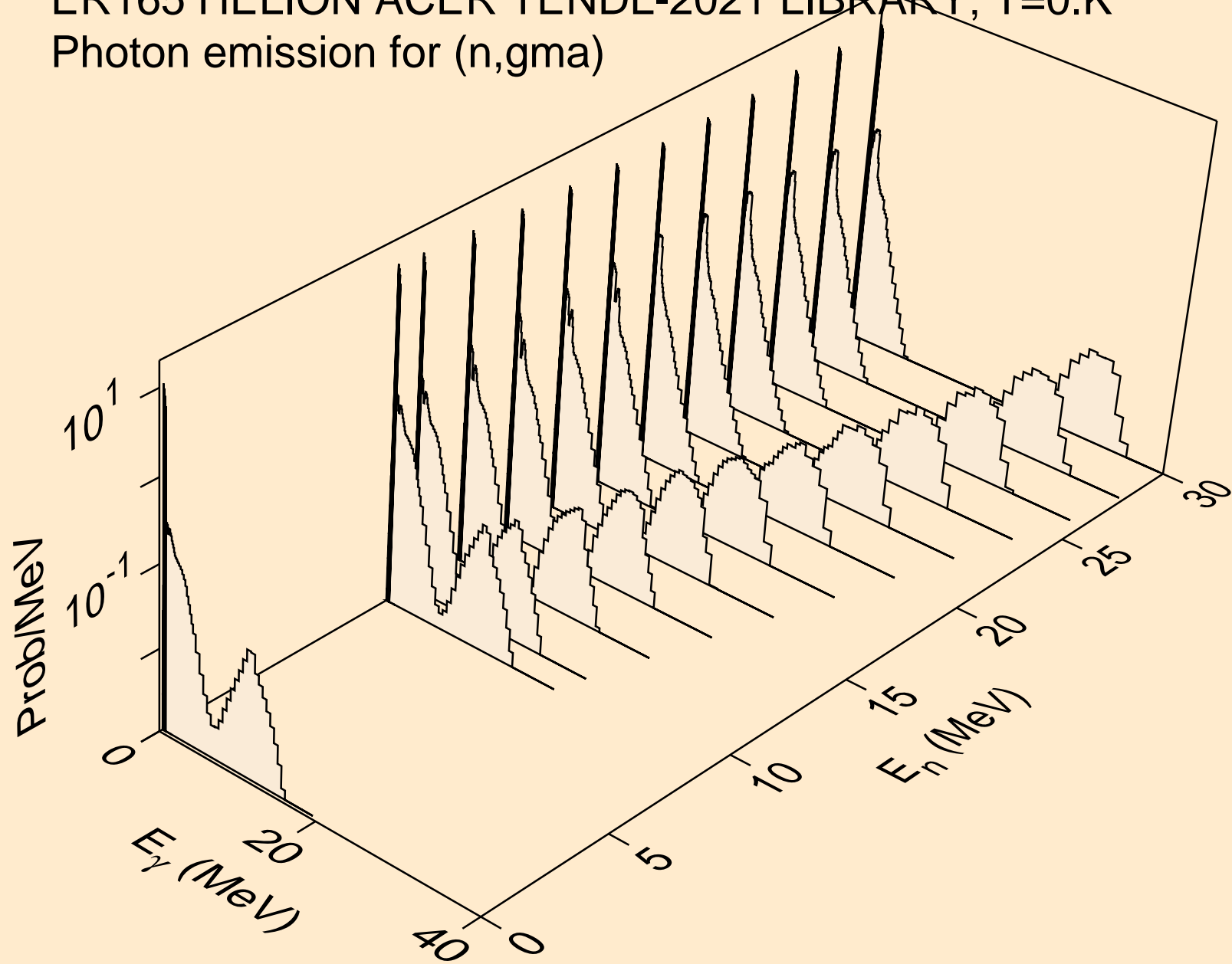
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Photon emission for (n,2np)



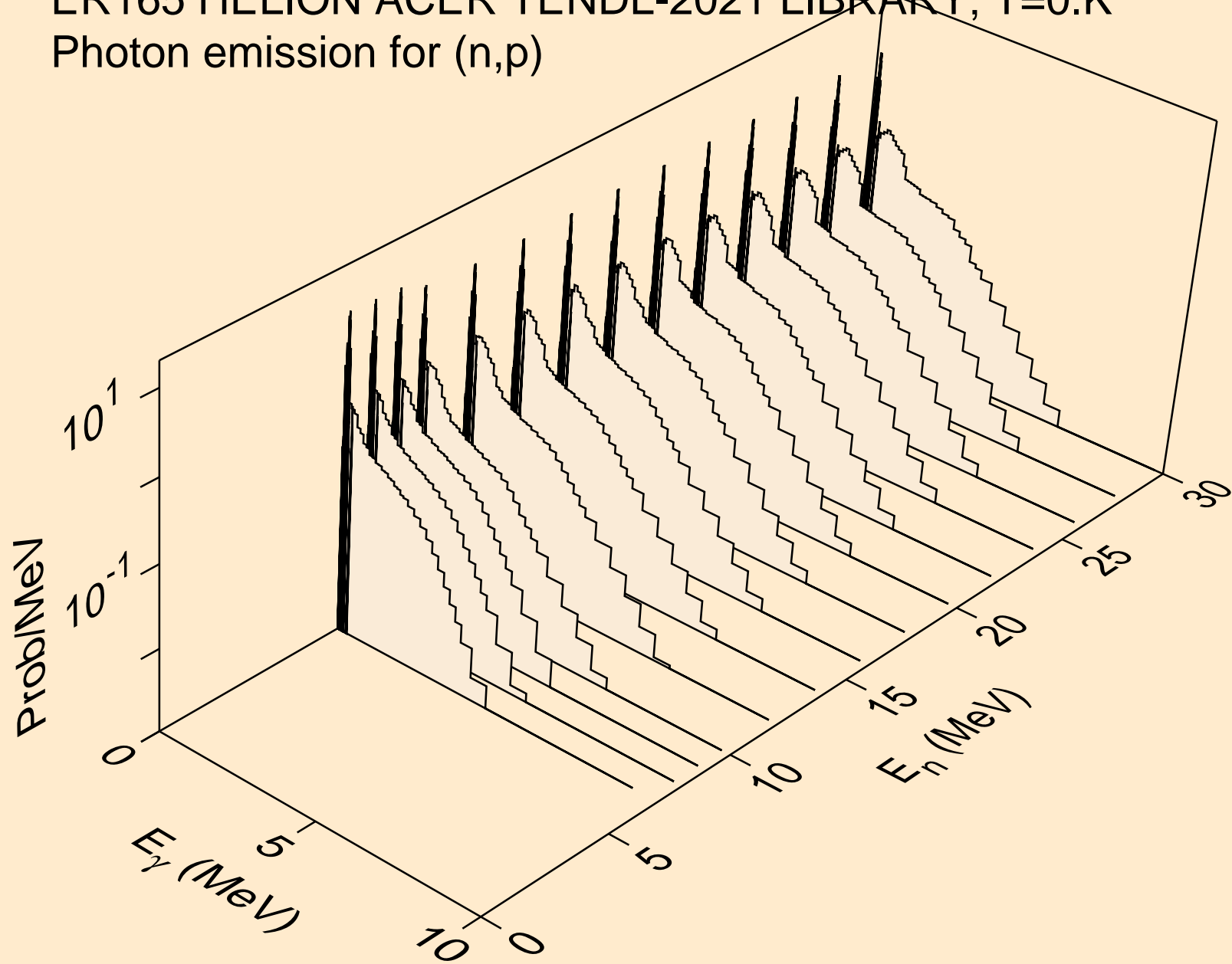
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Photon emission for (n,npa)



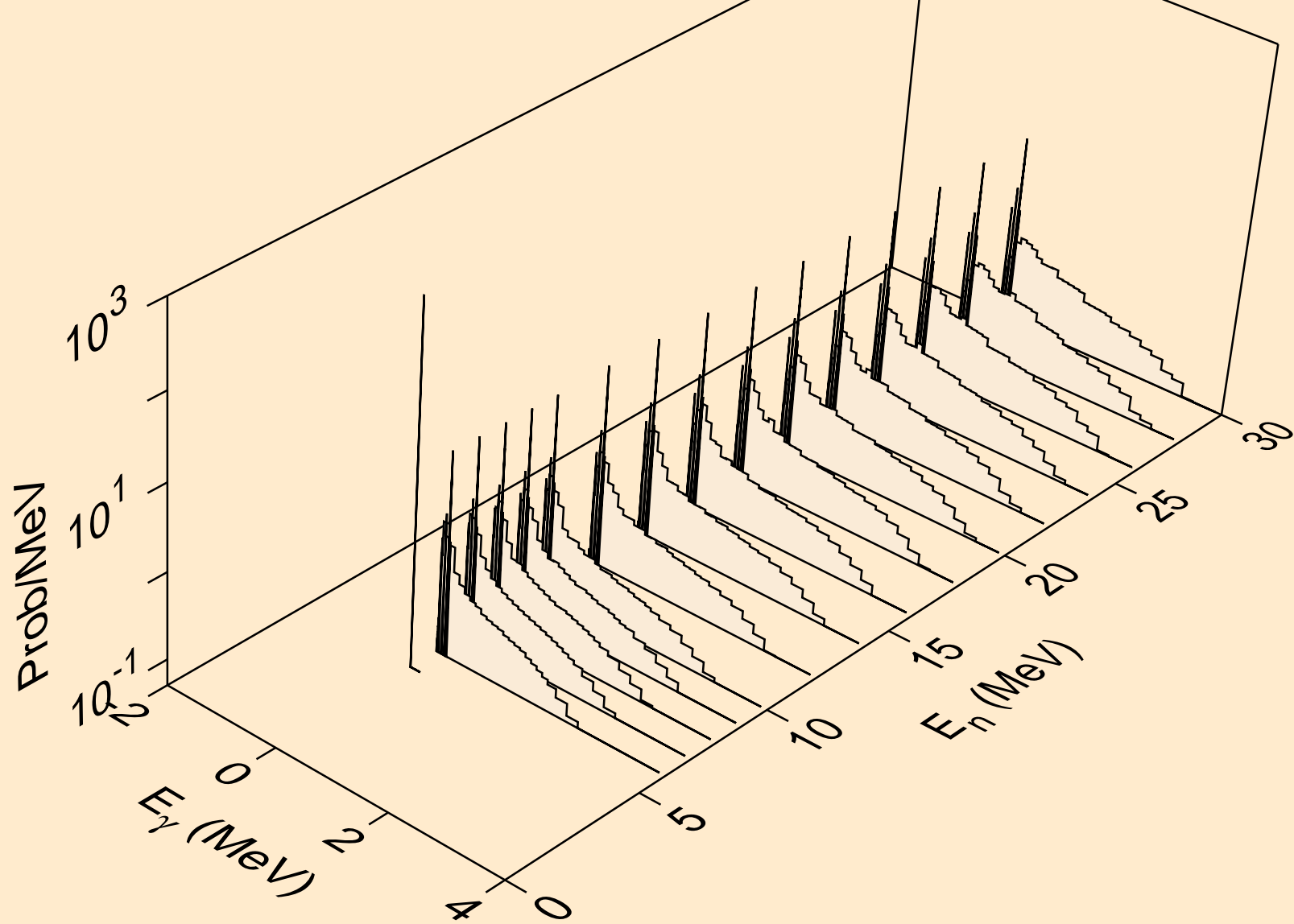
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Photon emission for (n,gma)



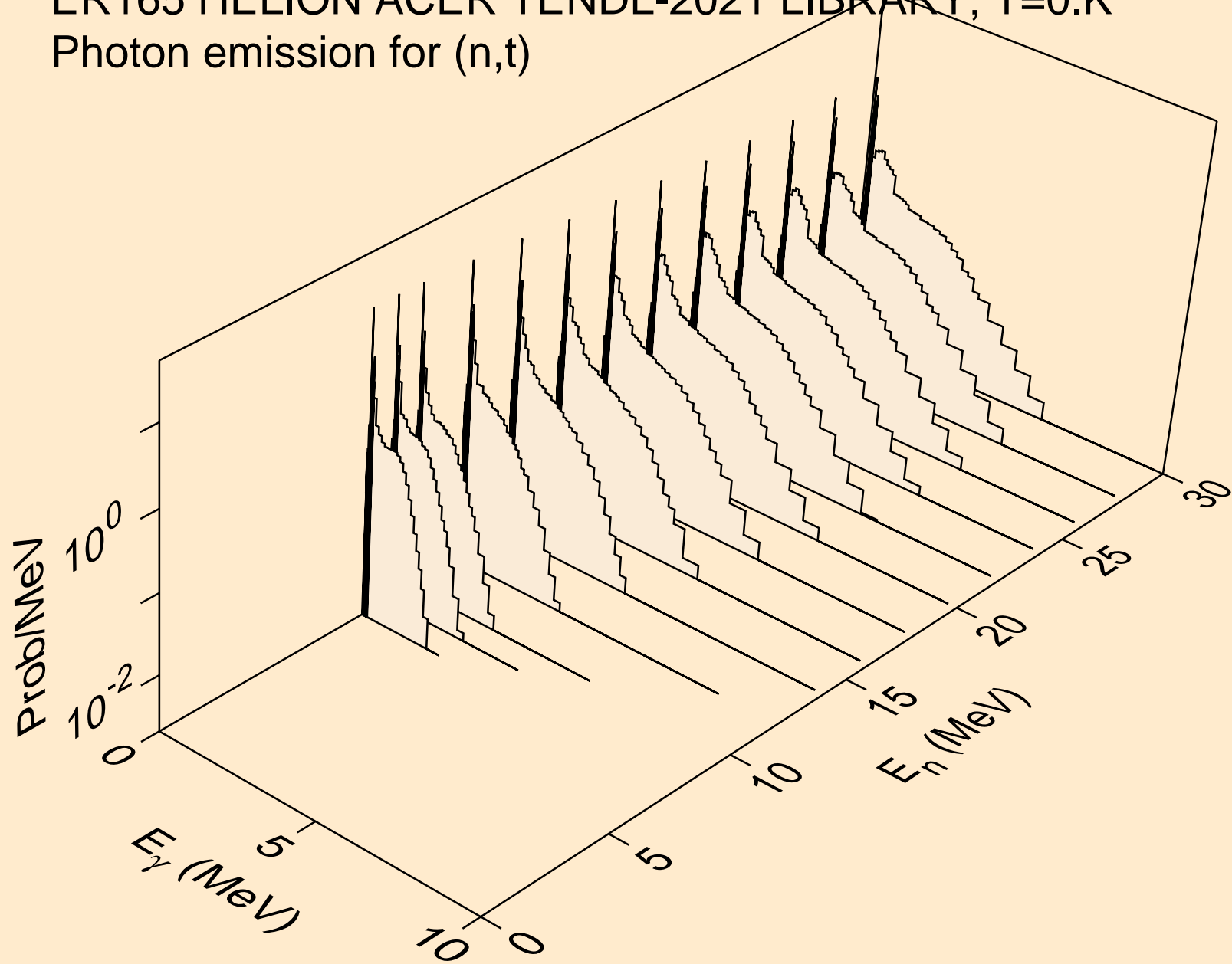
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Photon emission for (n,p)



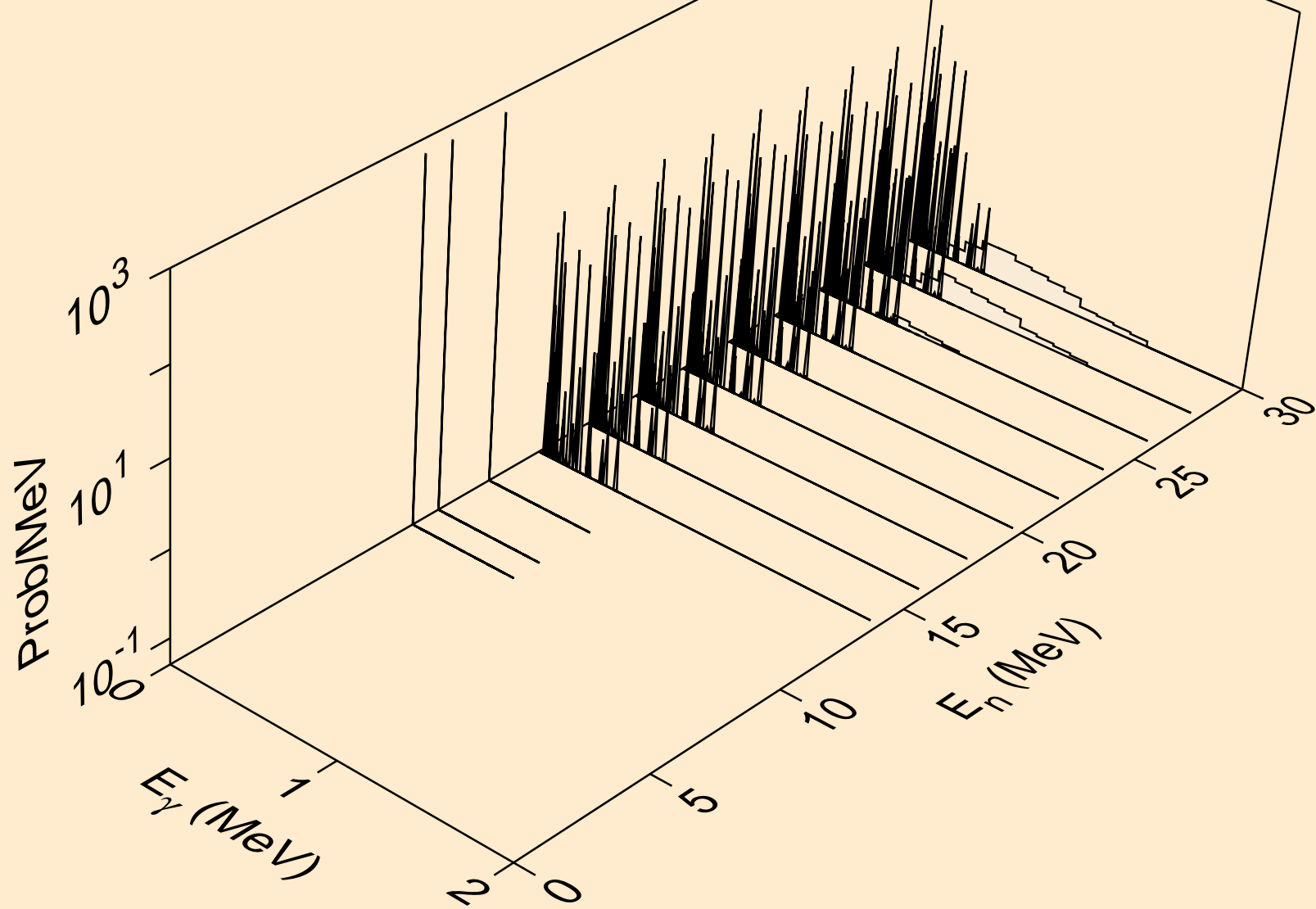
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

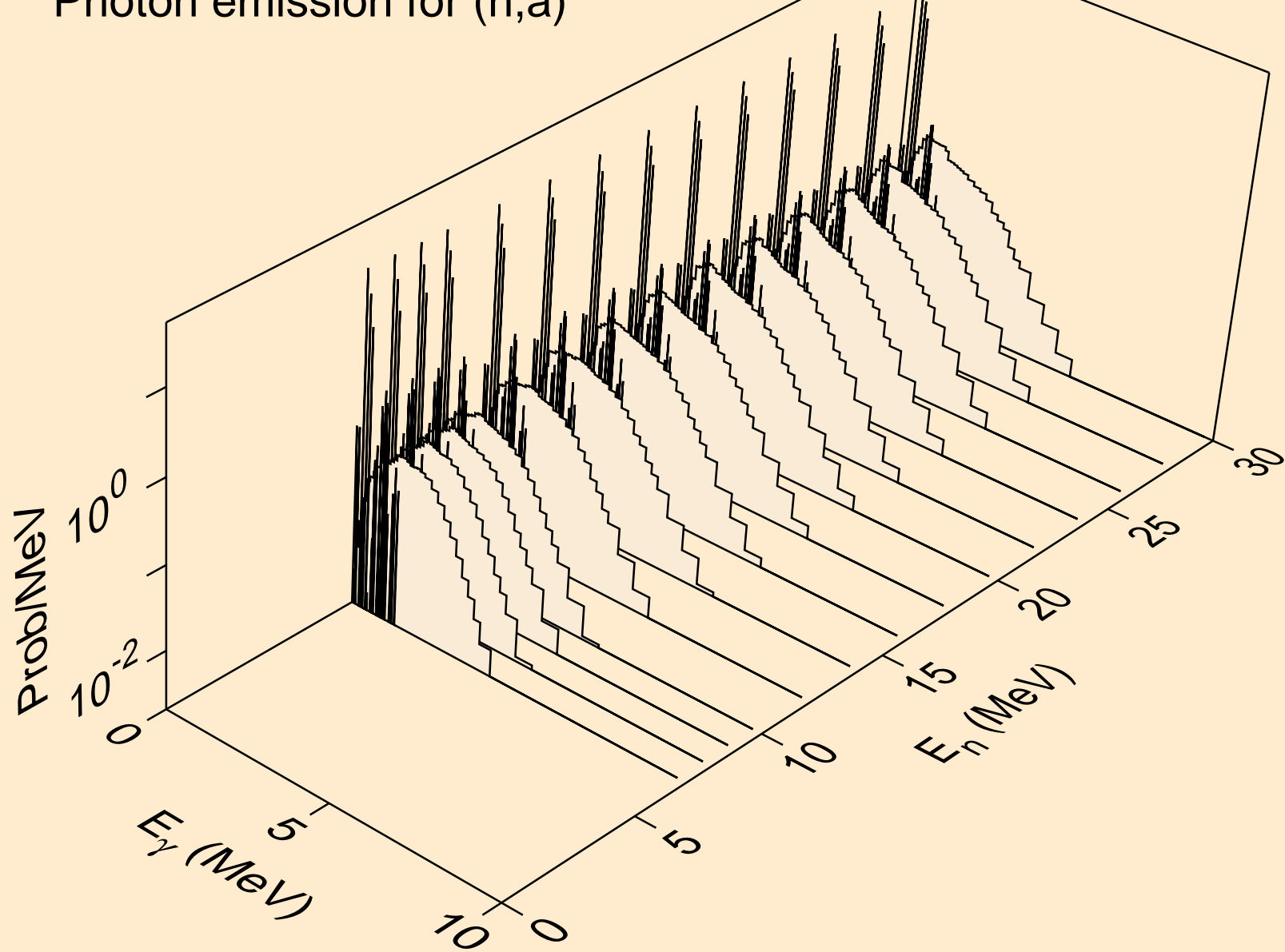


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Photon emission for inelastic

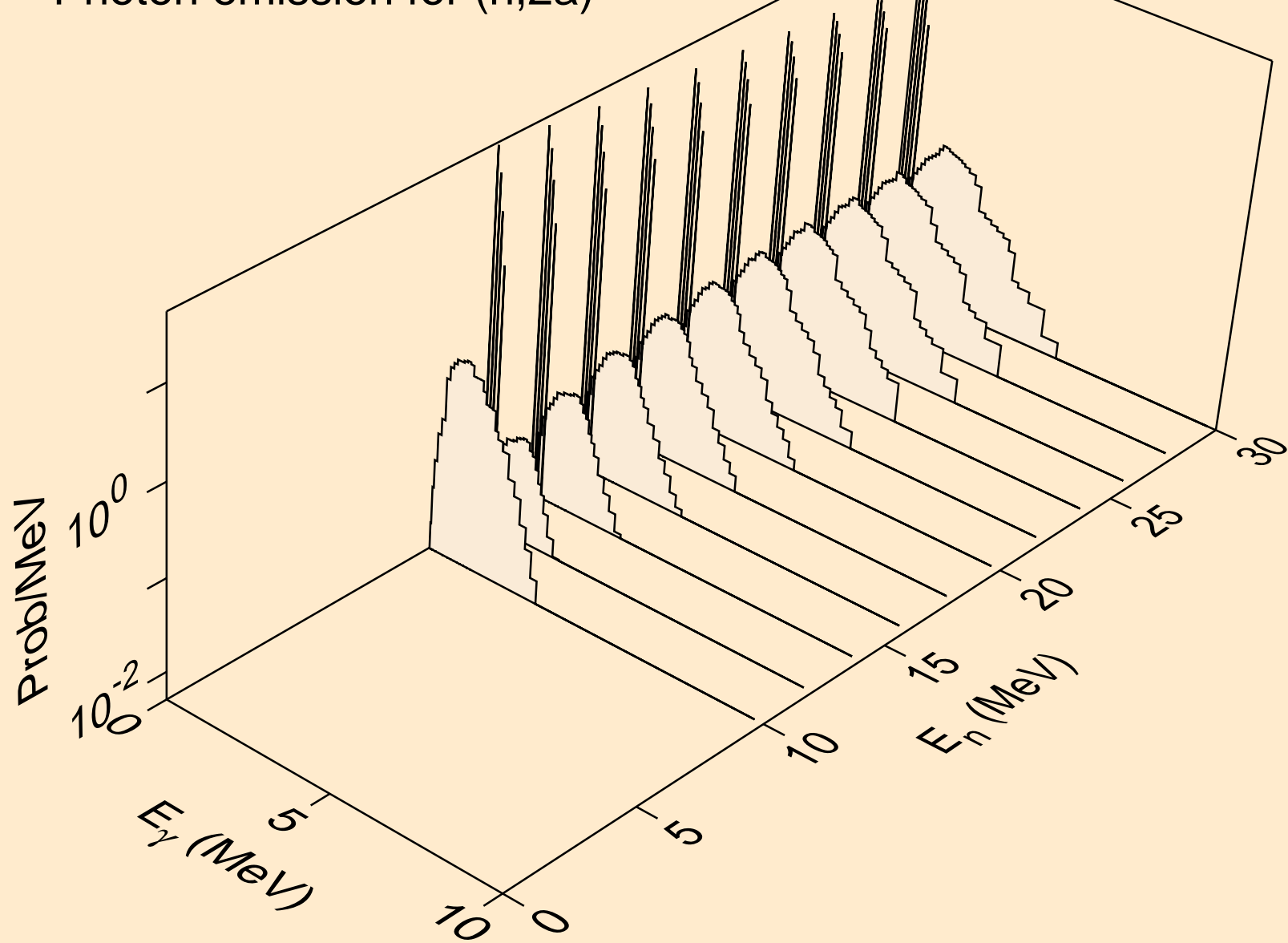




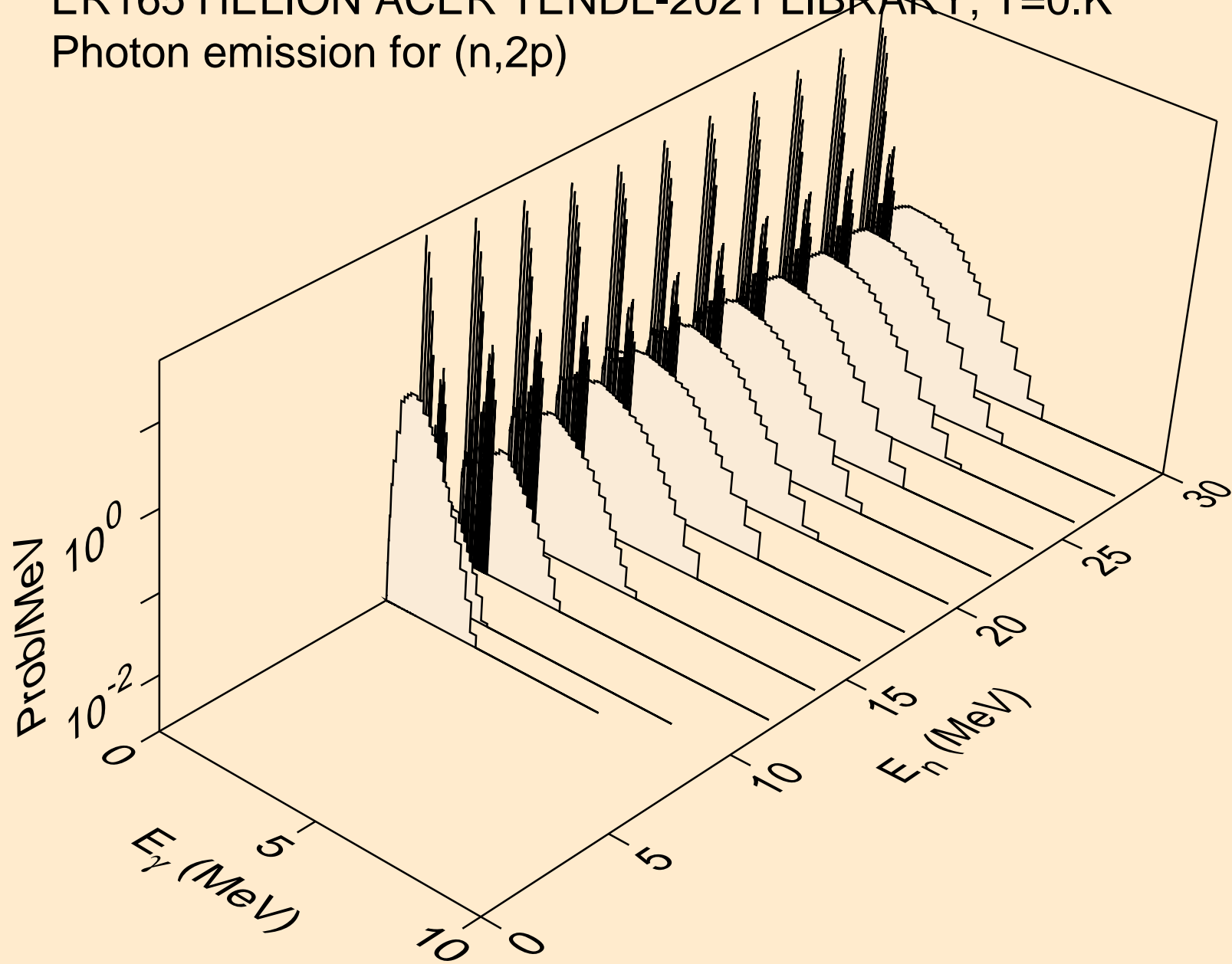
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Photon emission for (n,a)



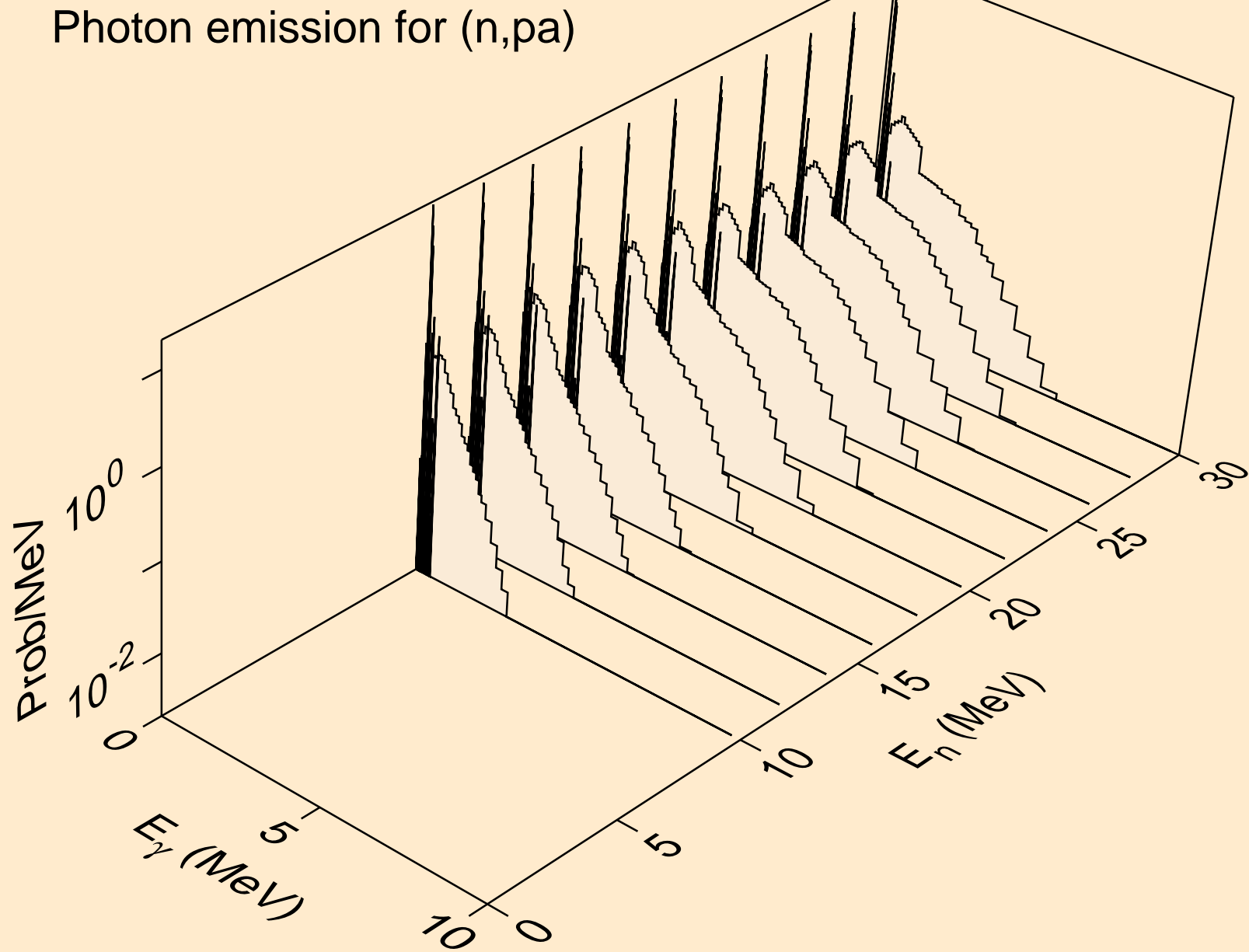
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Photon emission for (n,2a)



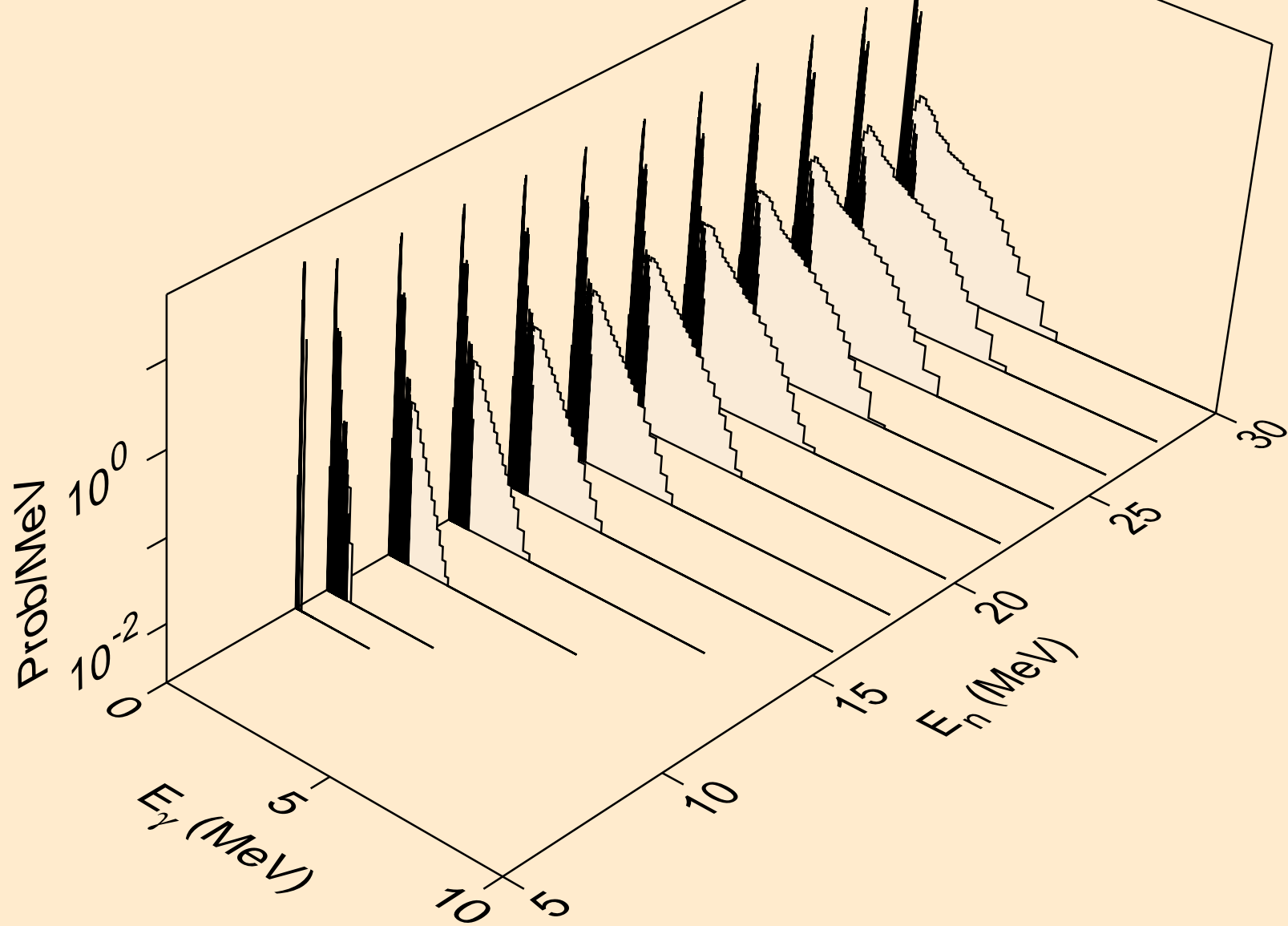
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Photon emission for (n,2p)



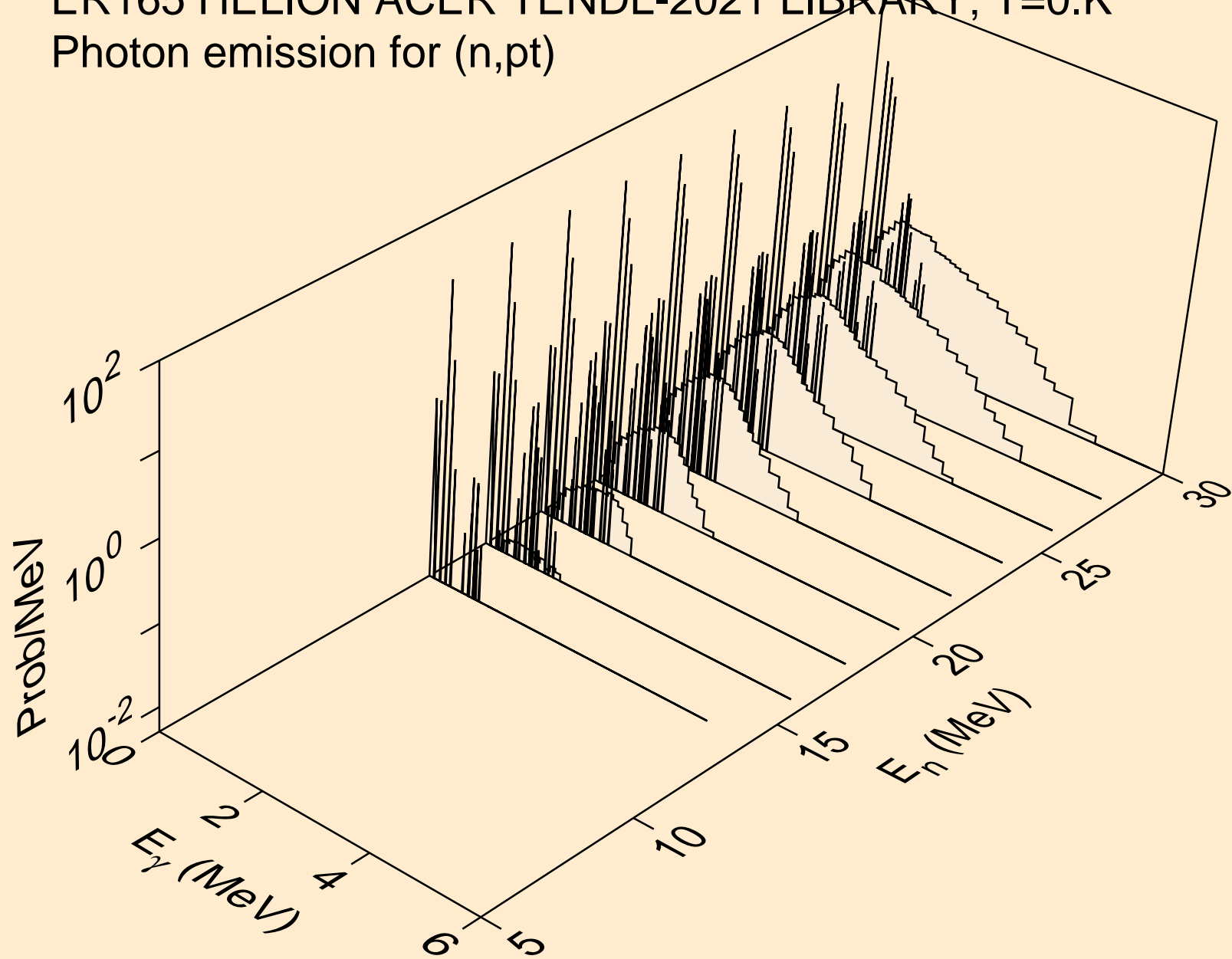
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Photon emission for (n,pa)



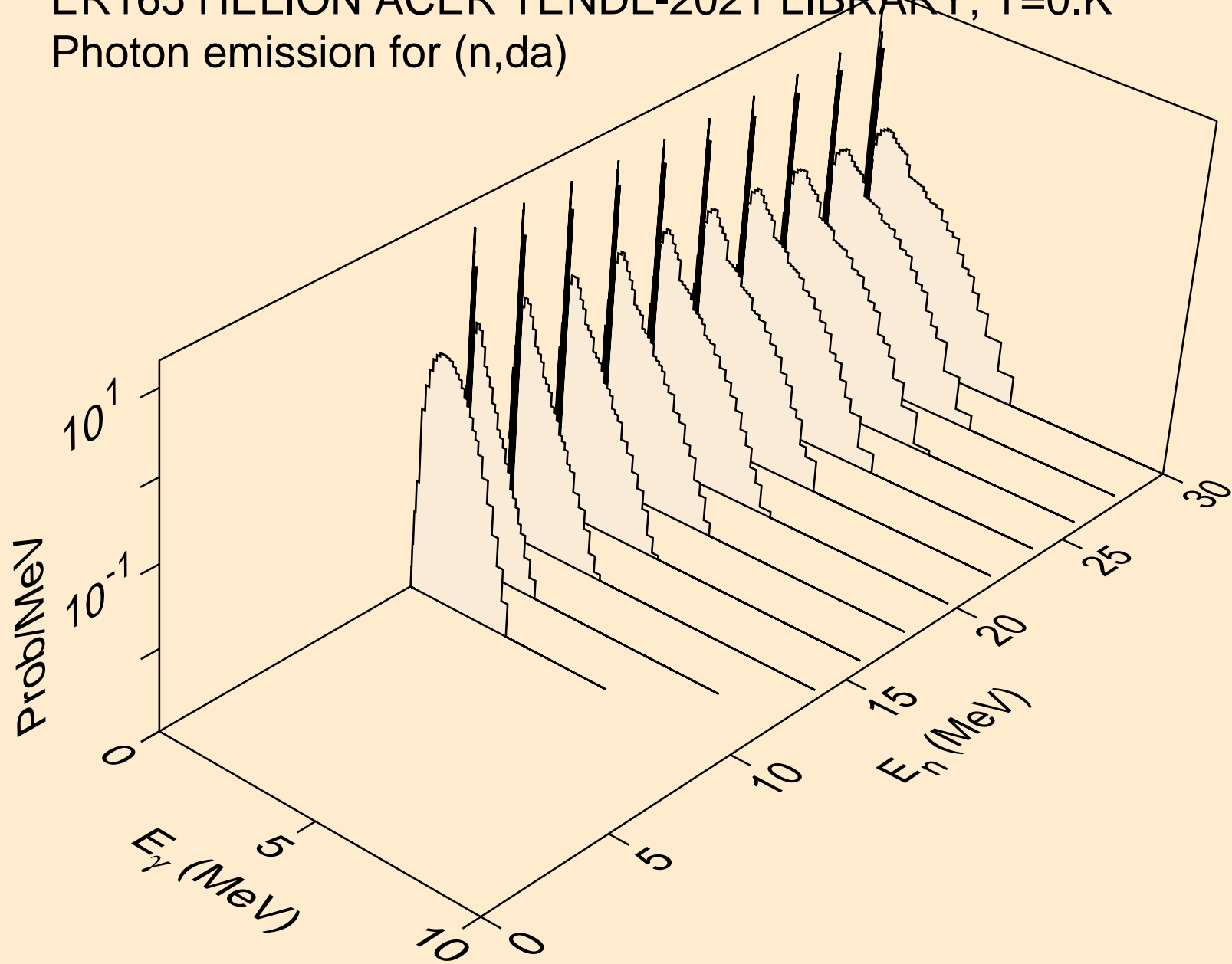
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

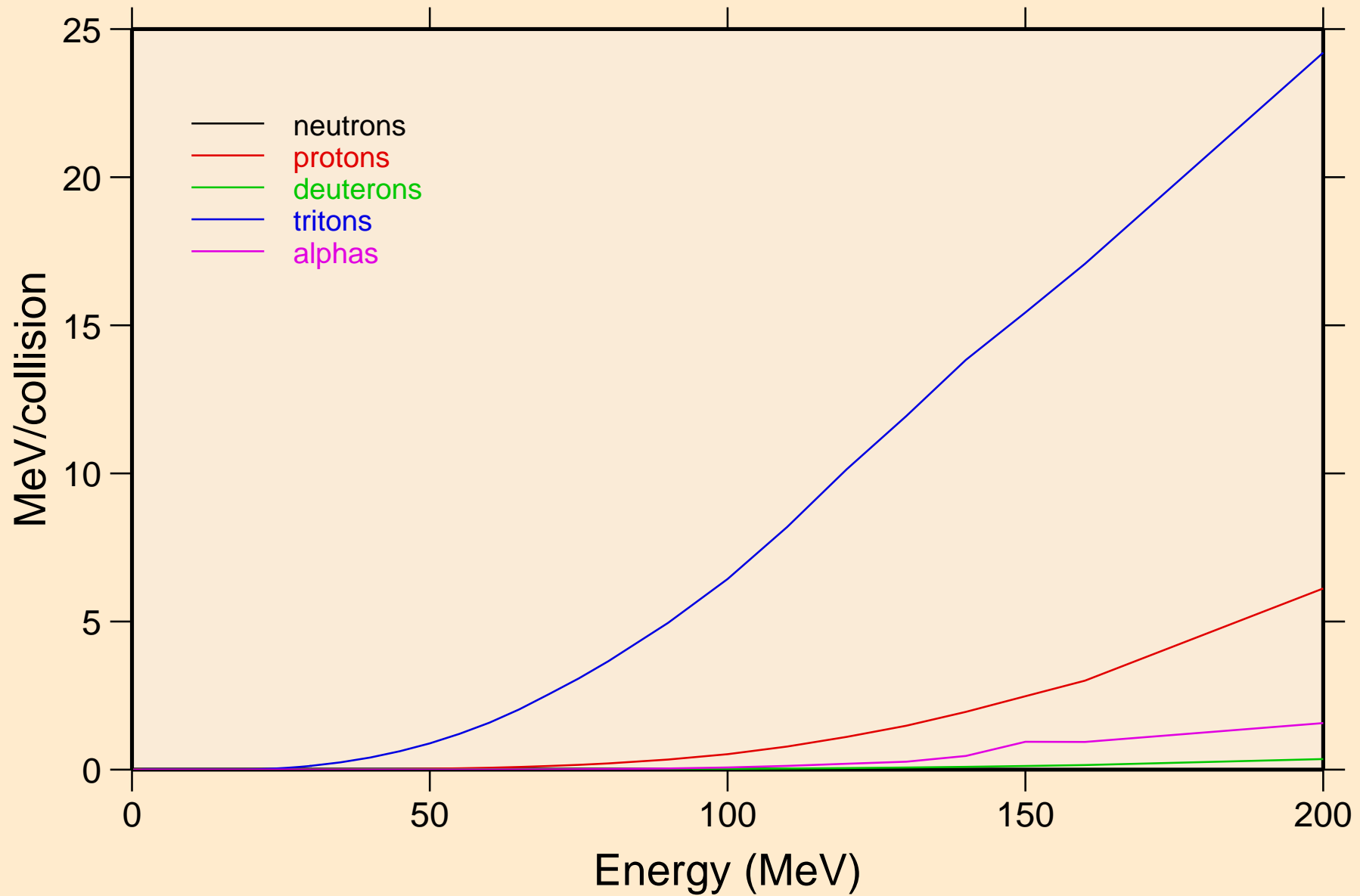


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



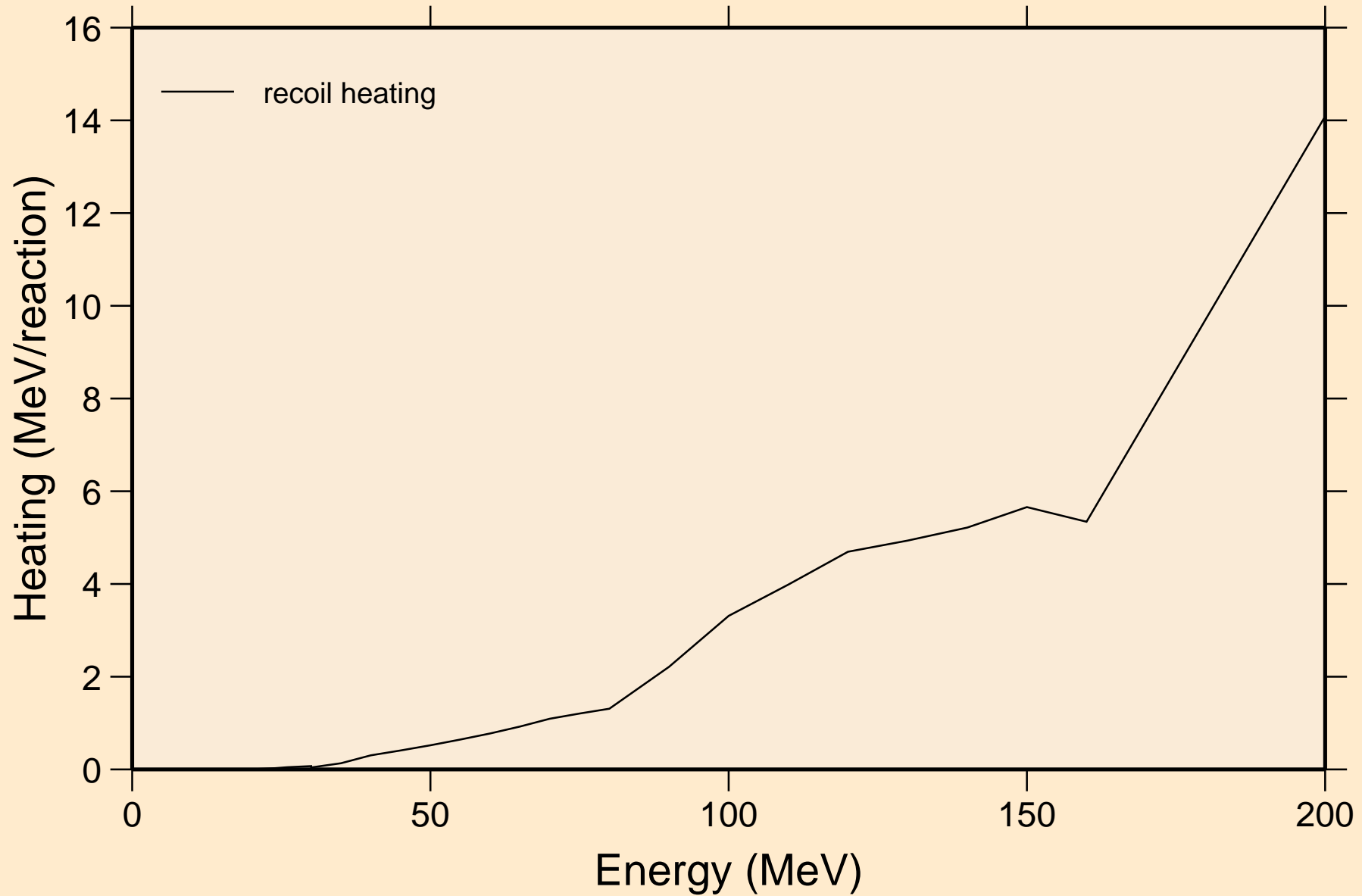
# ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

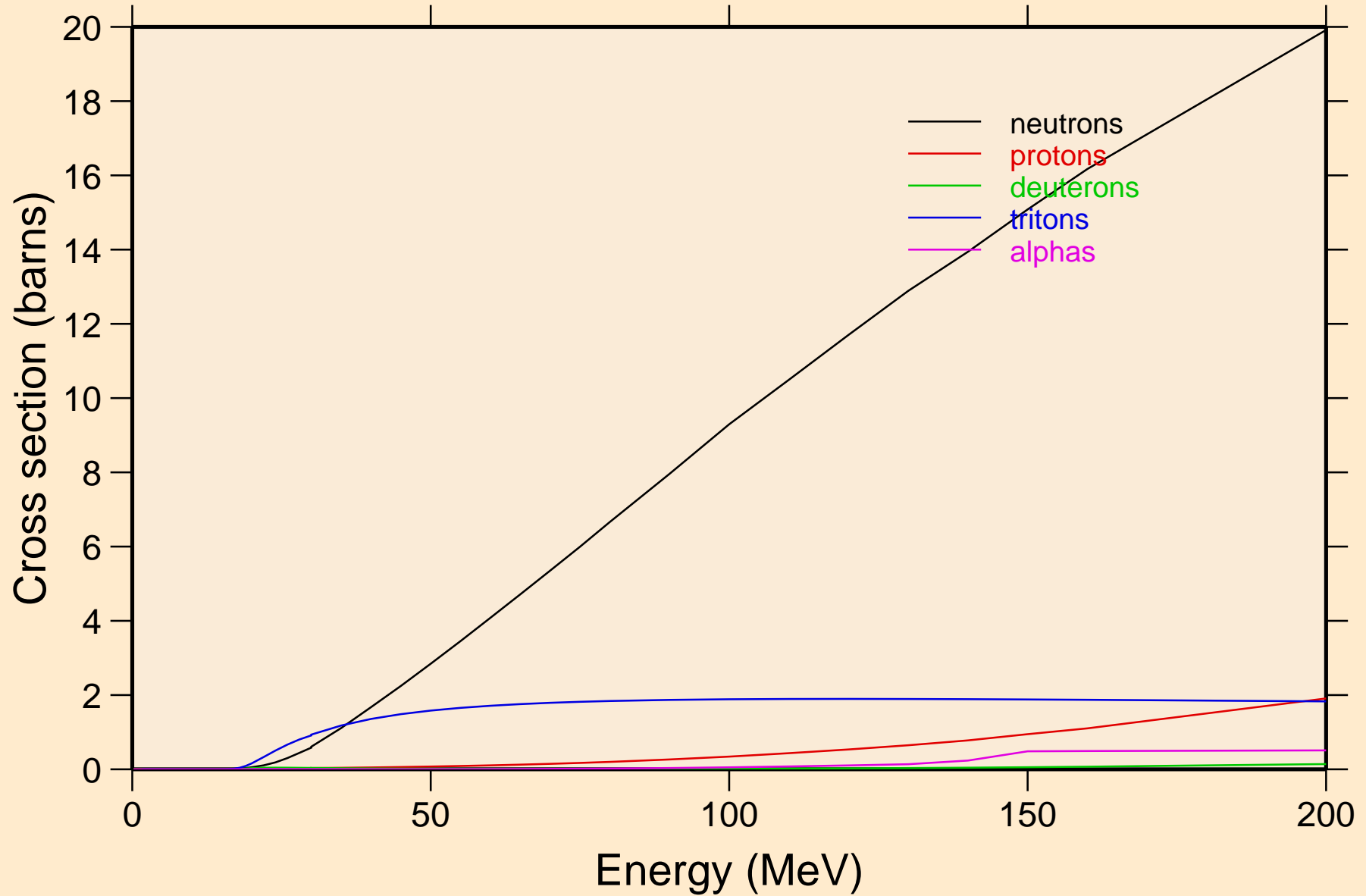




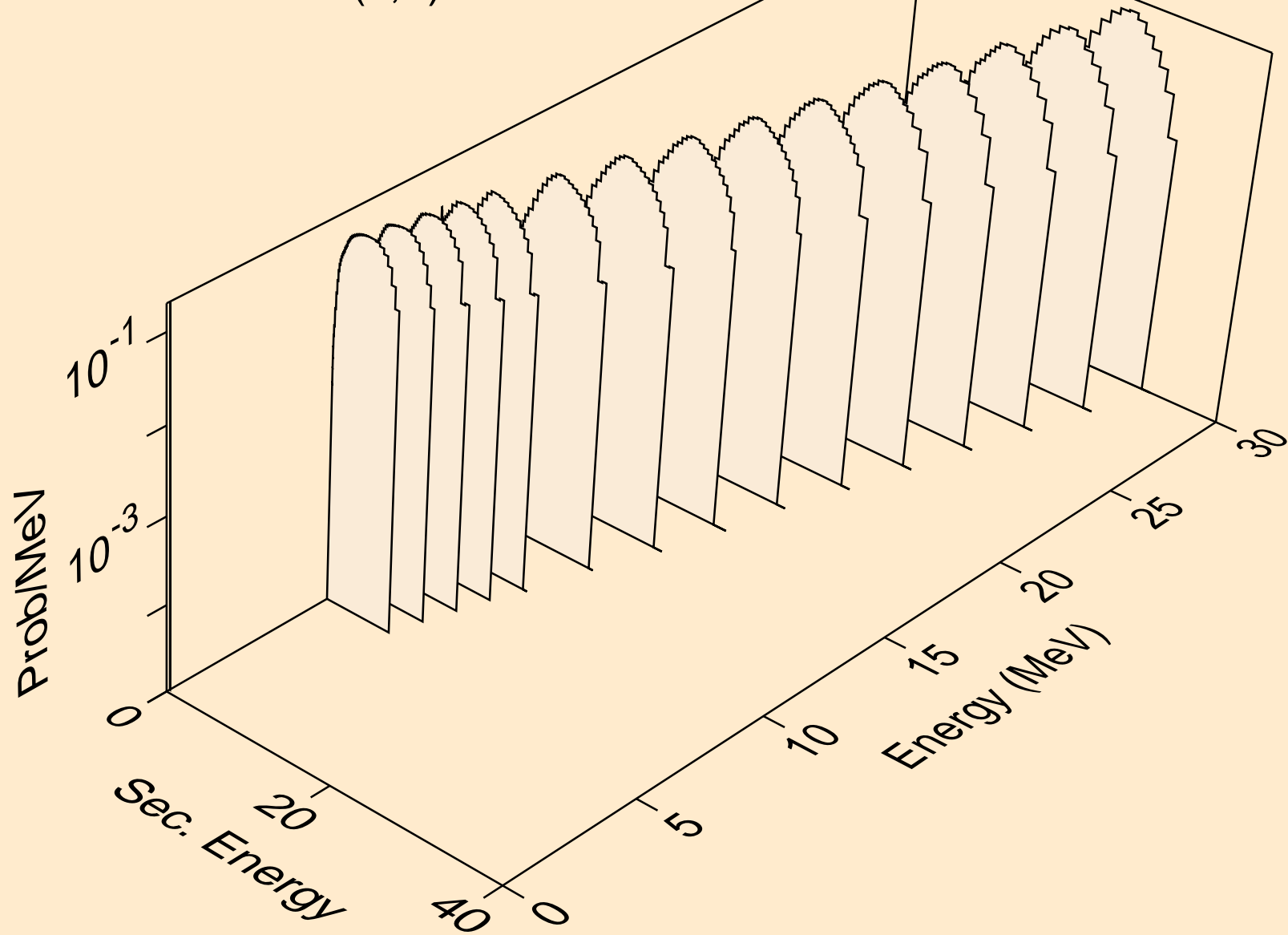
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Recoil Heating



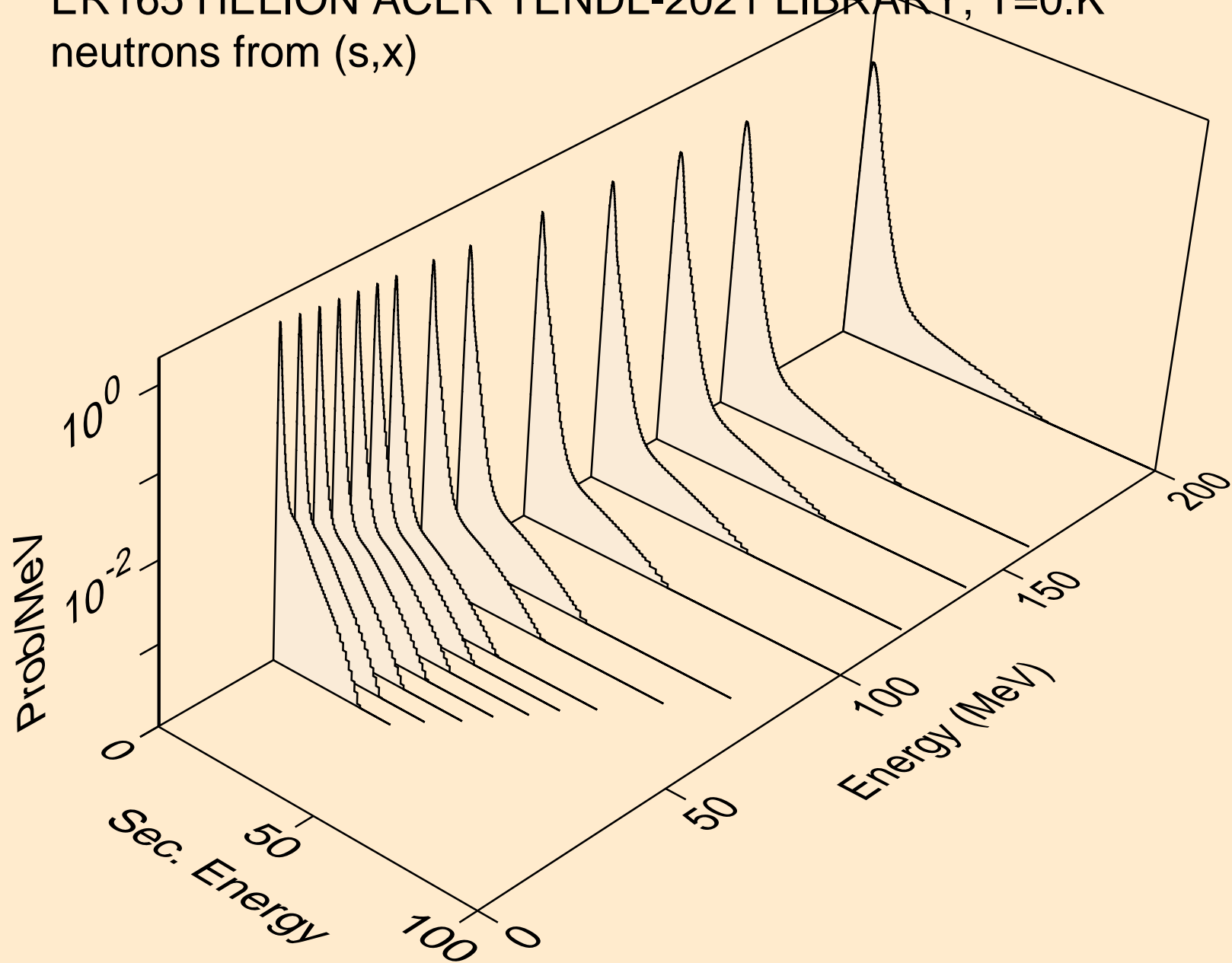
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



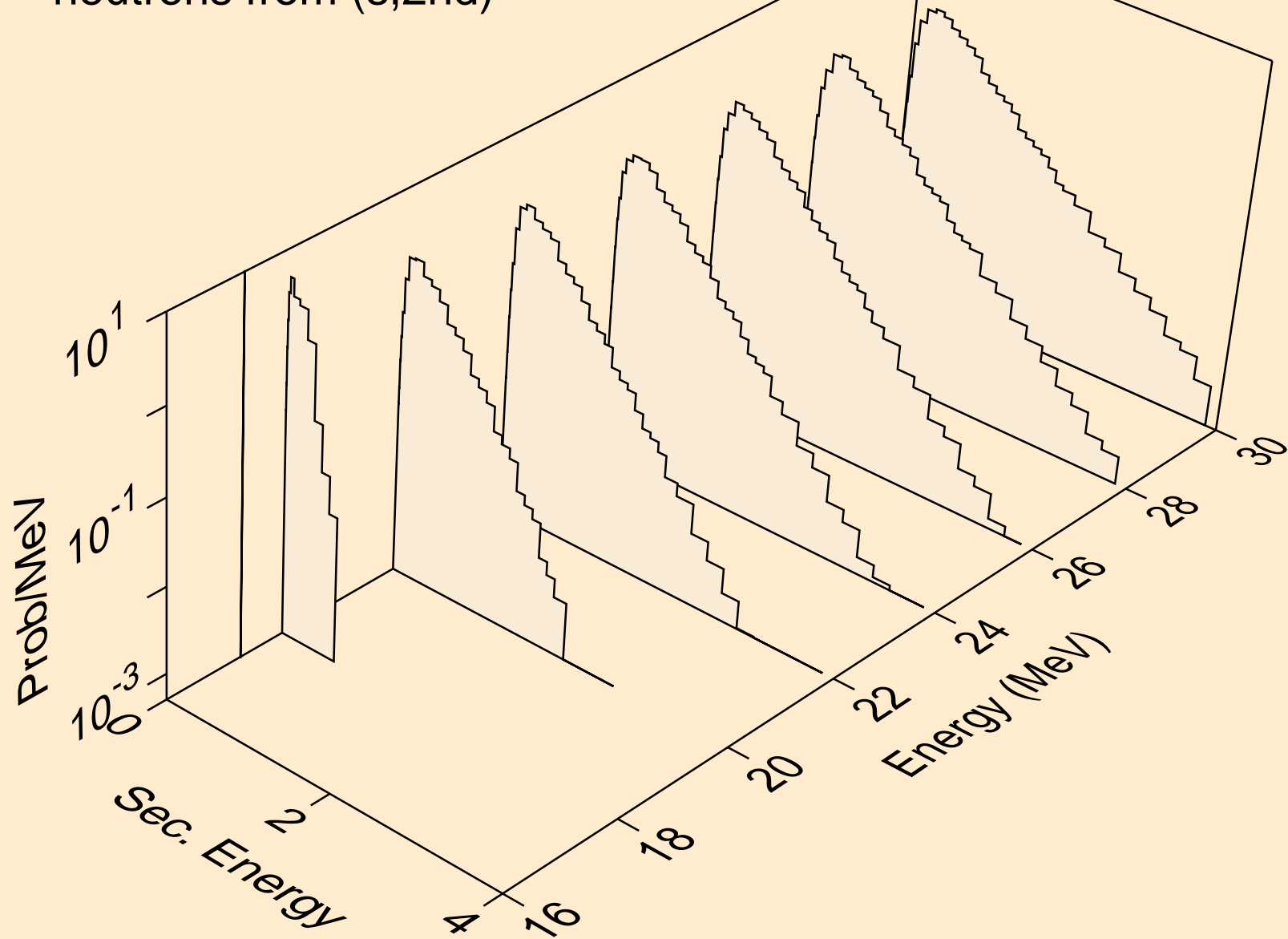
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



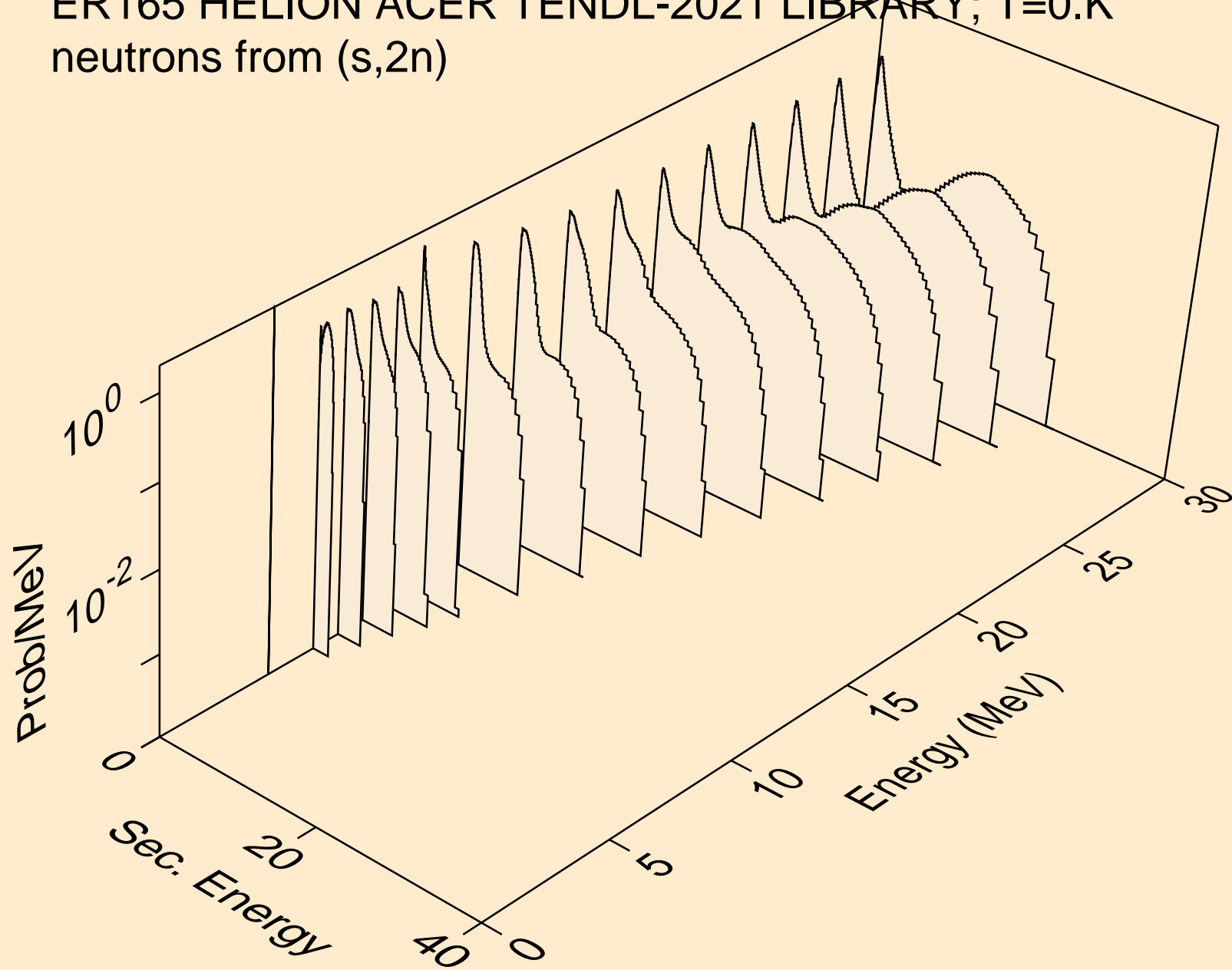
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



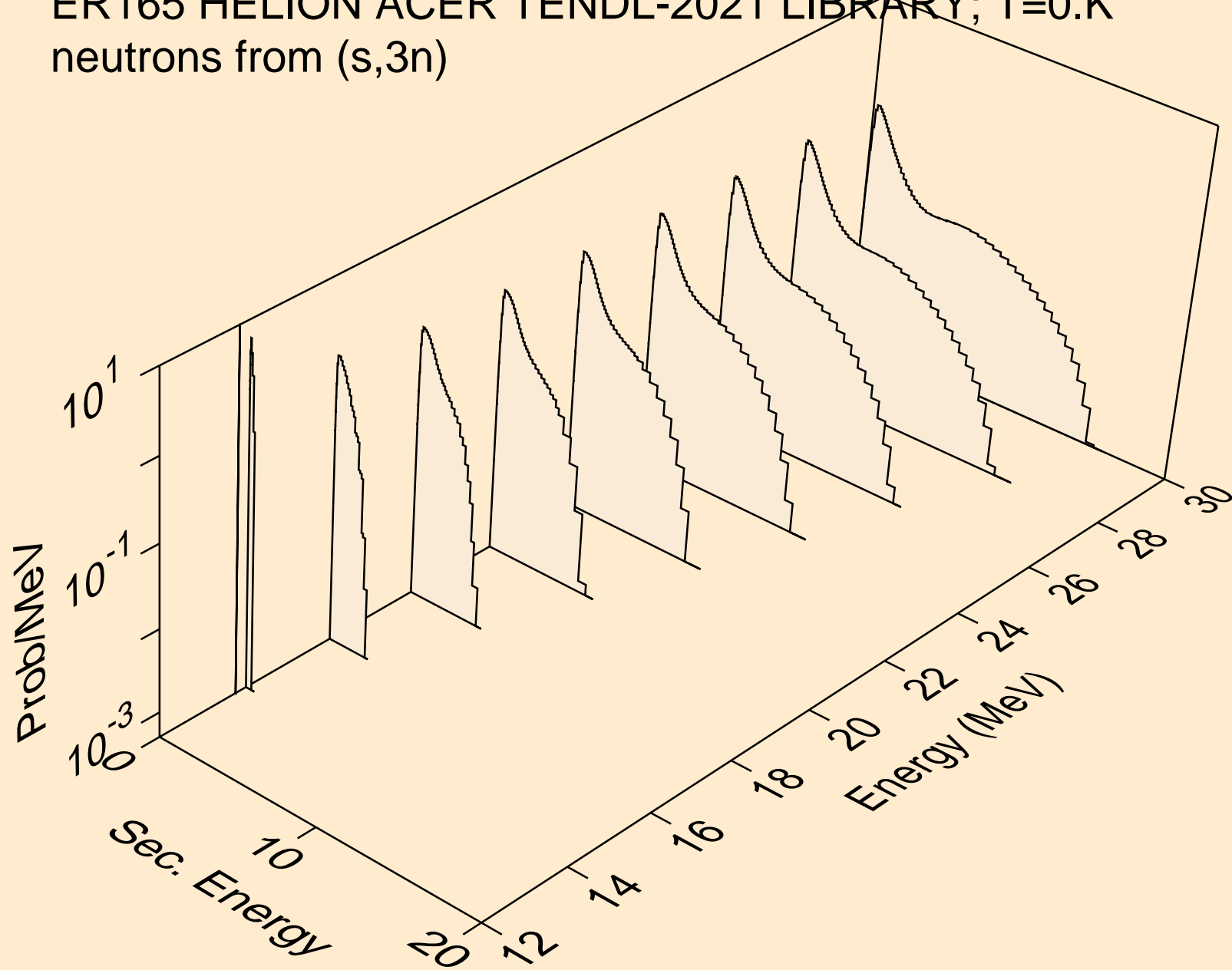
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



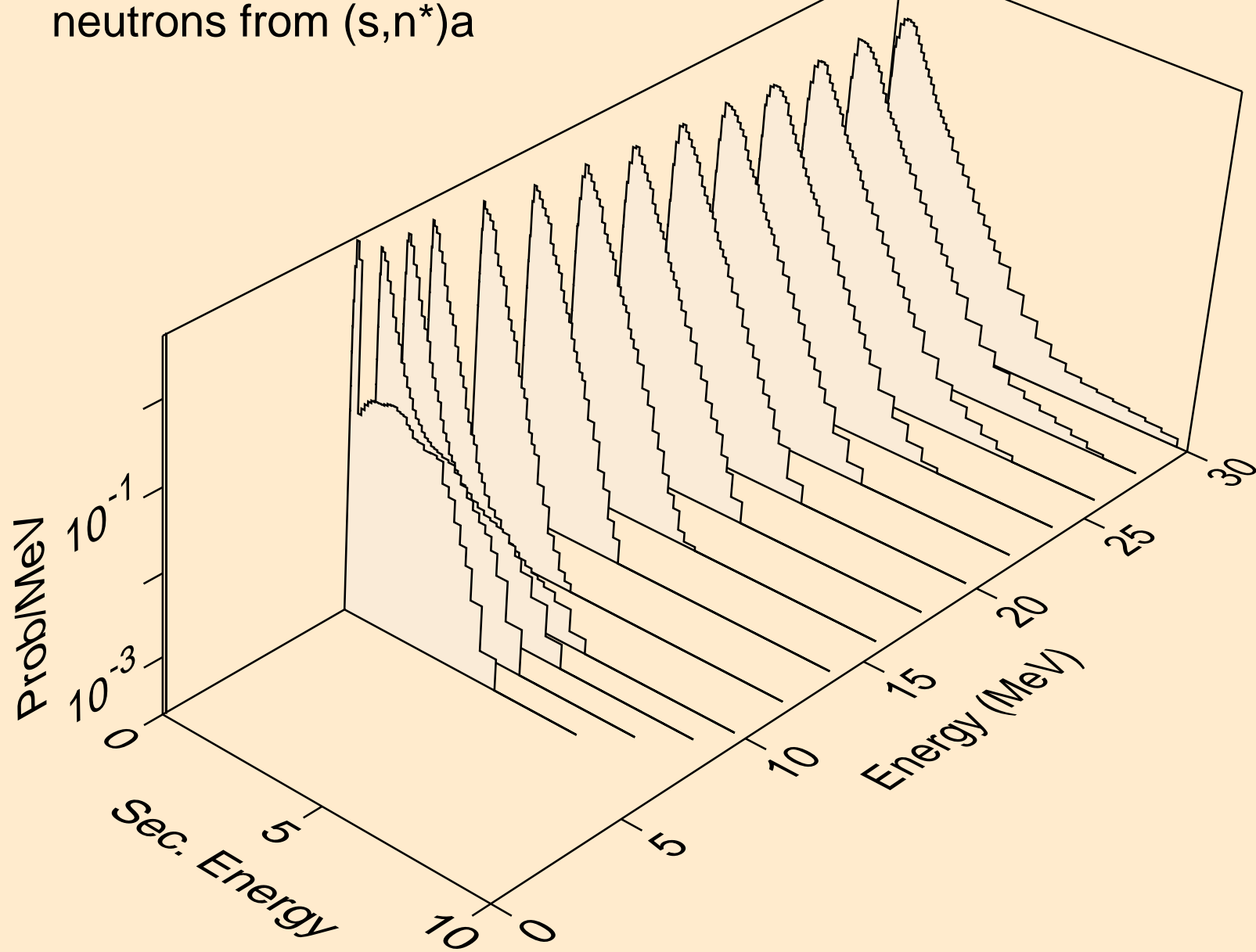
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

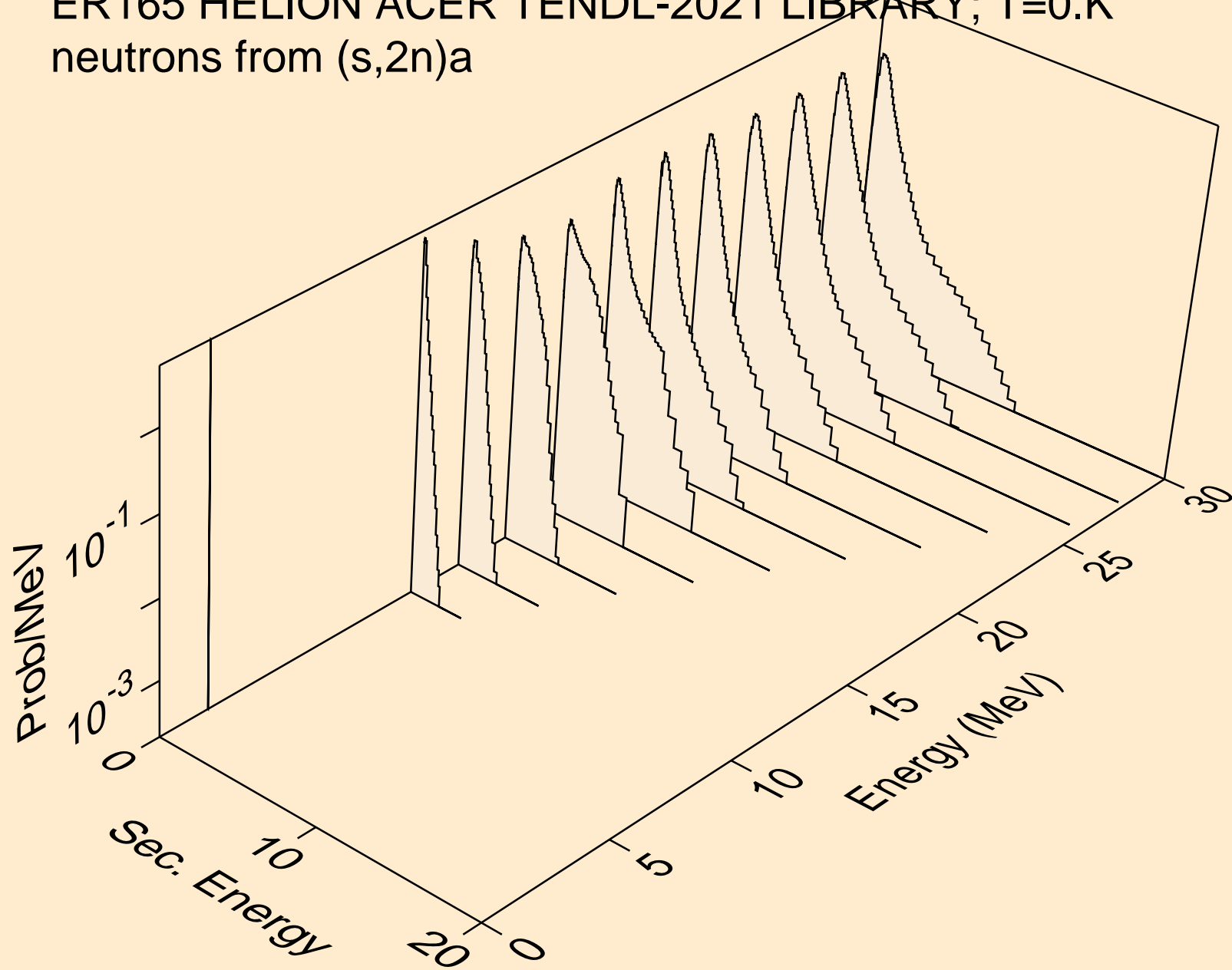


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

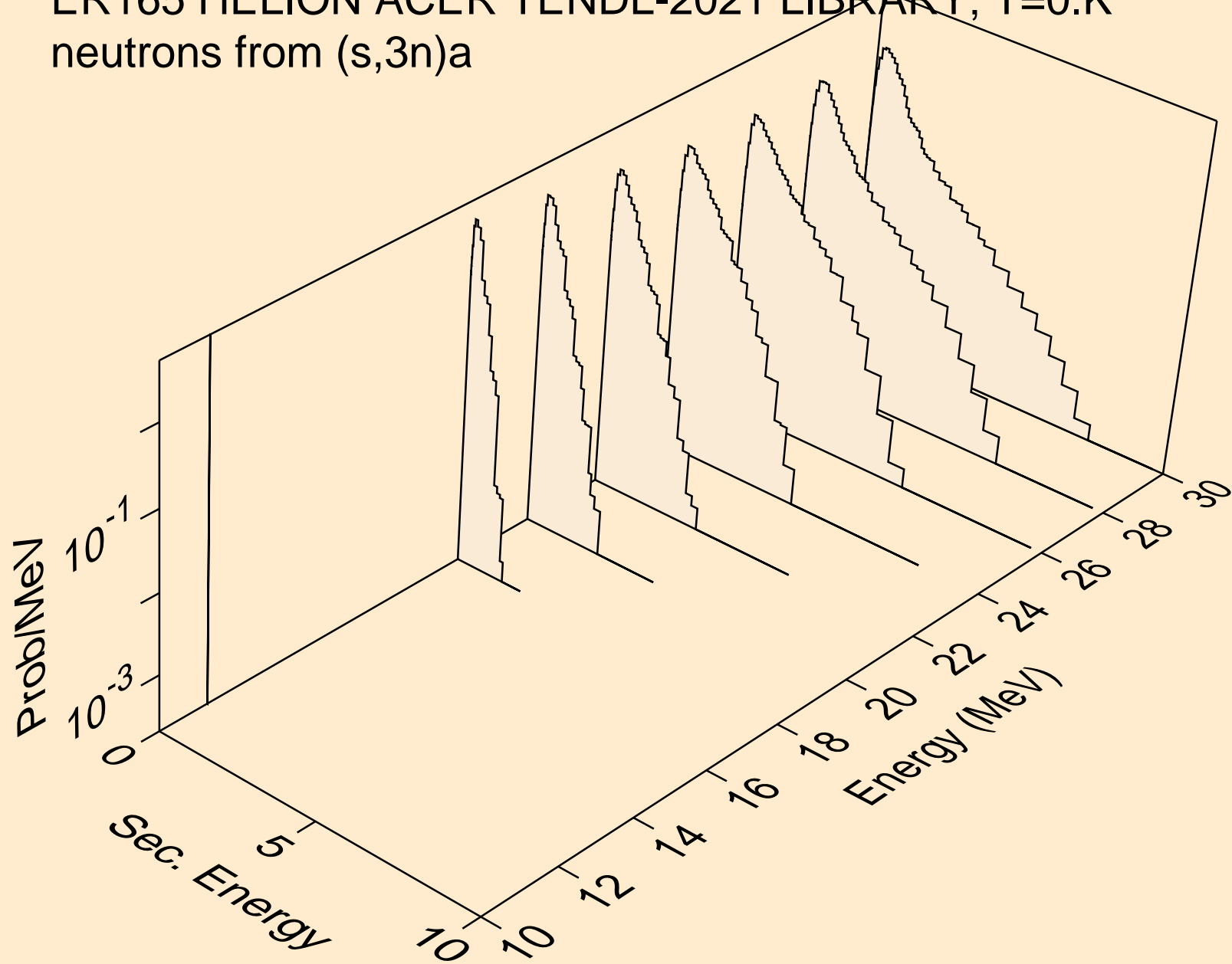




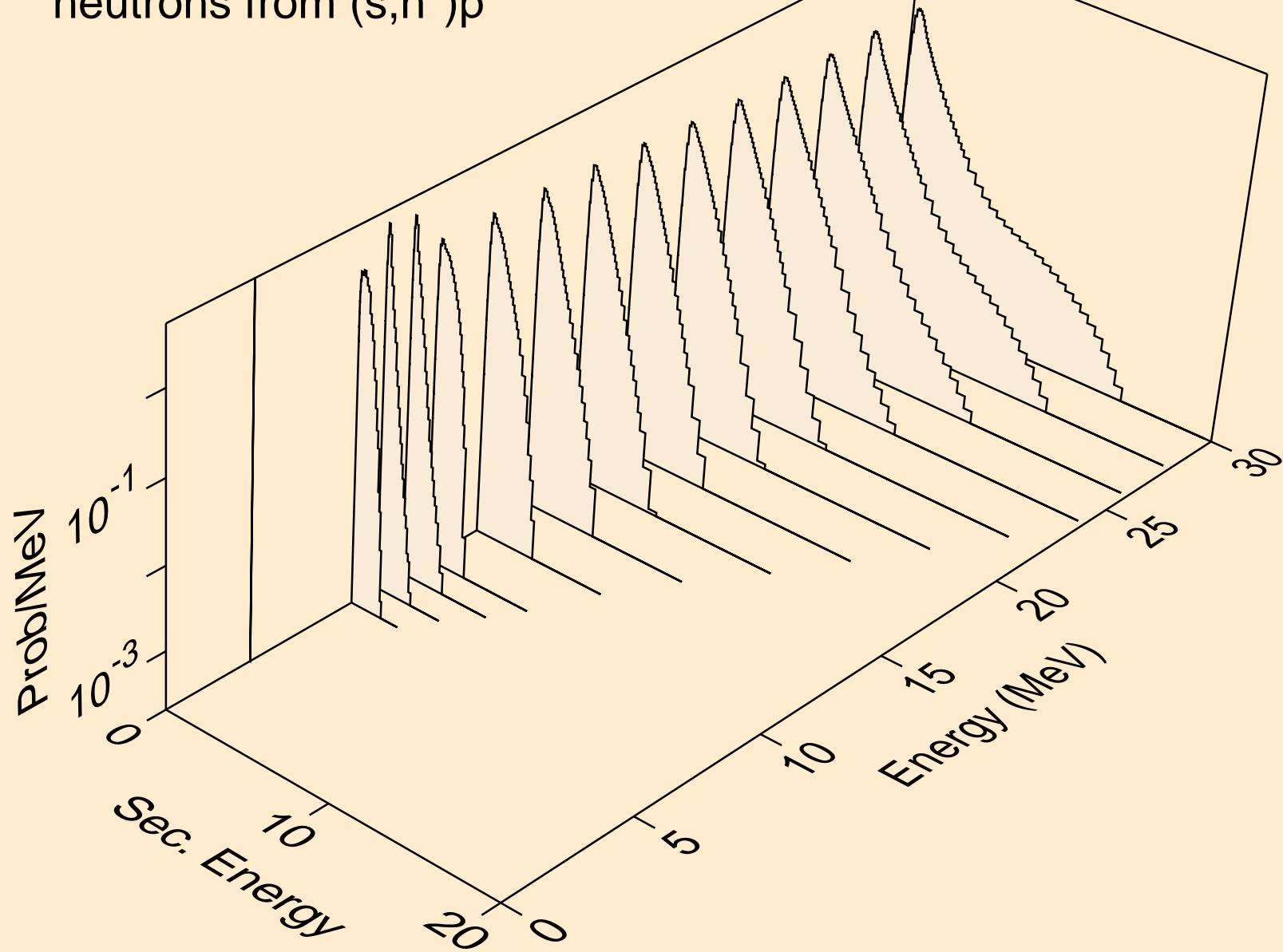
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neutrons from (s,2n)a



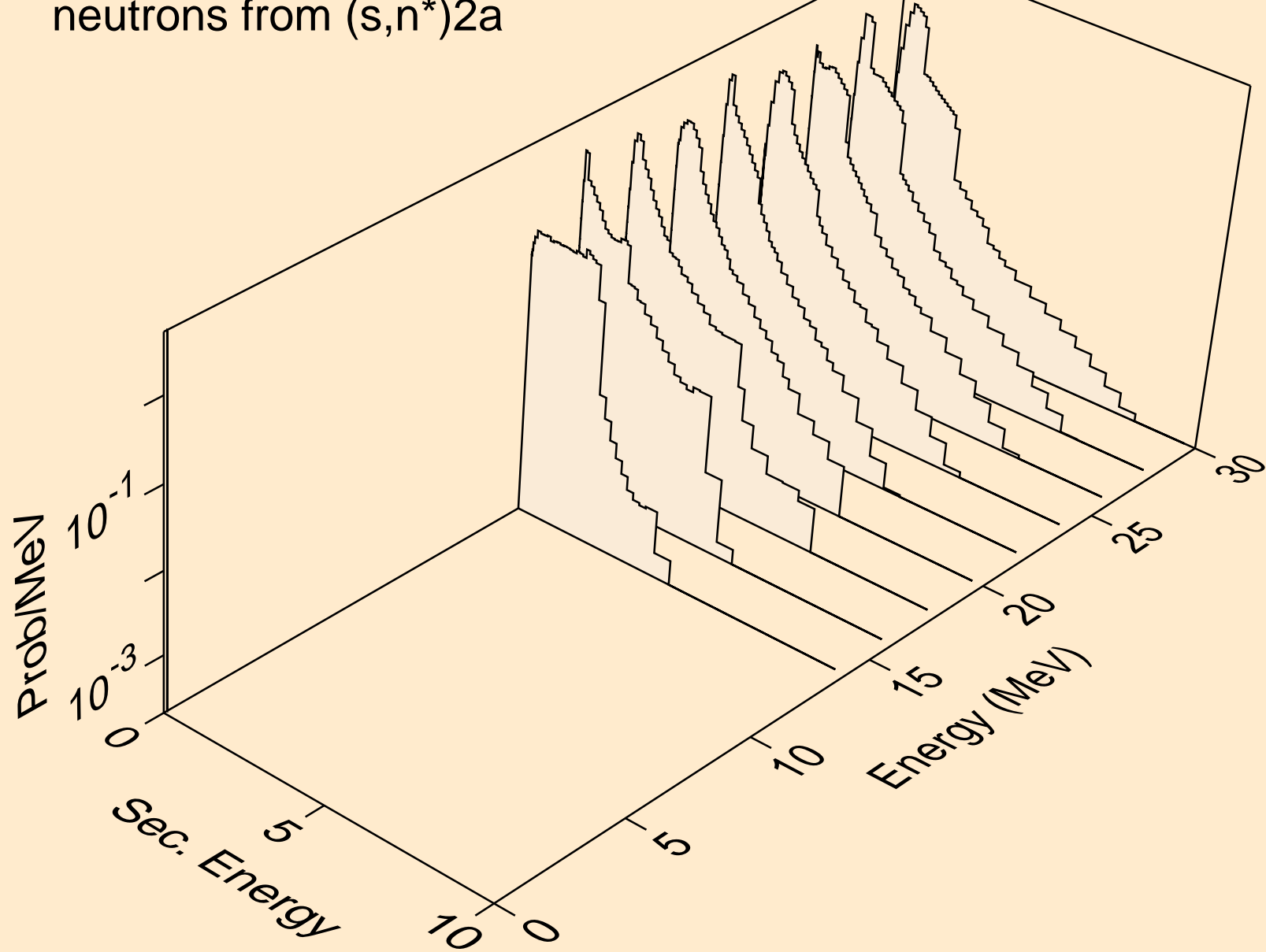
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neutrons from (s,3n)a



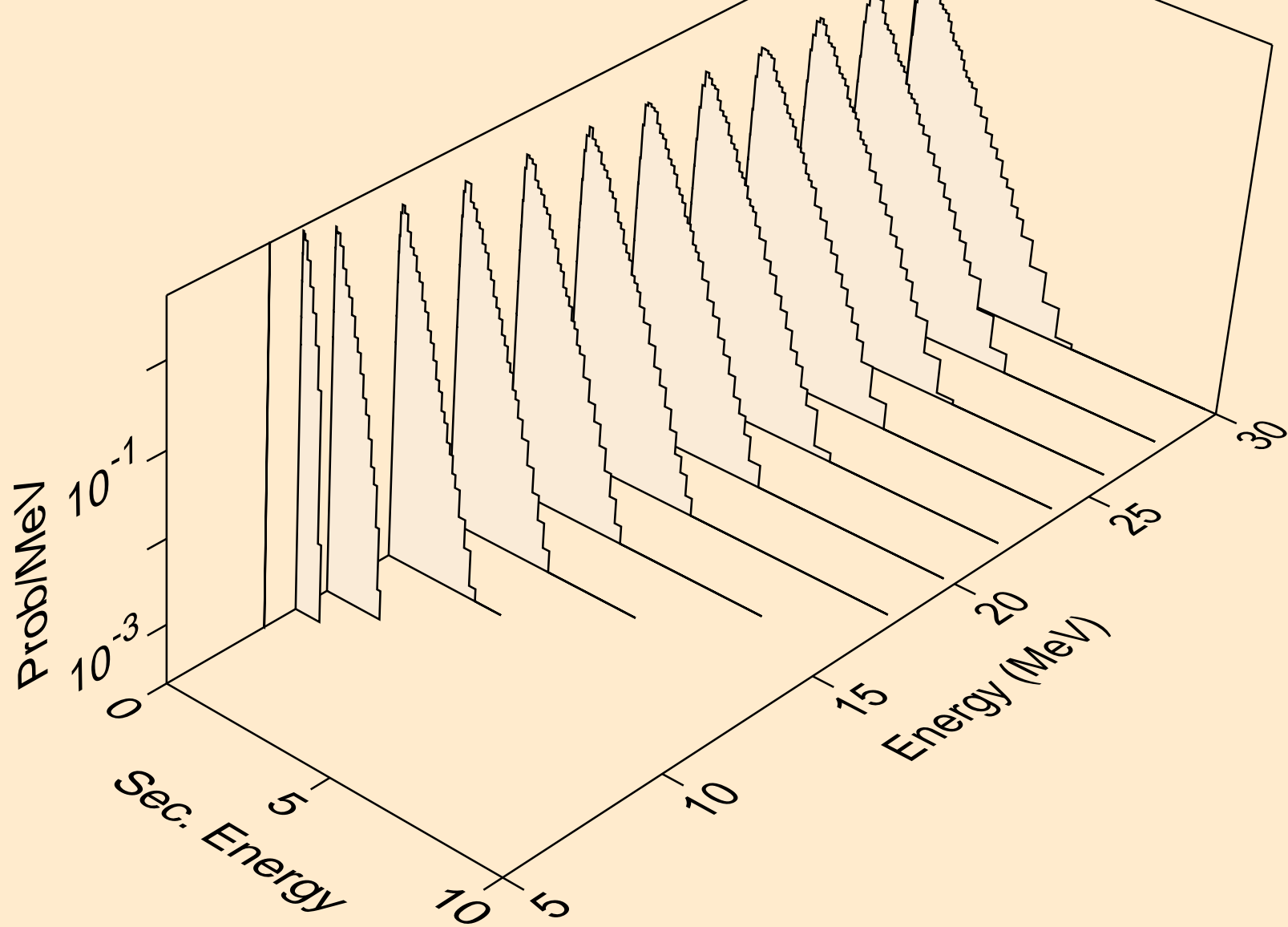
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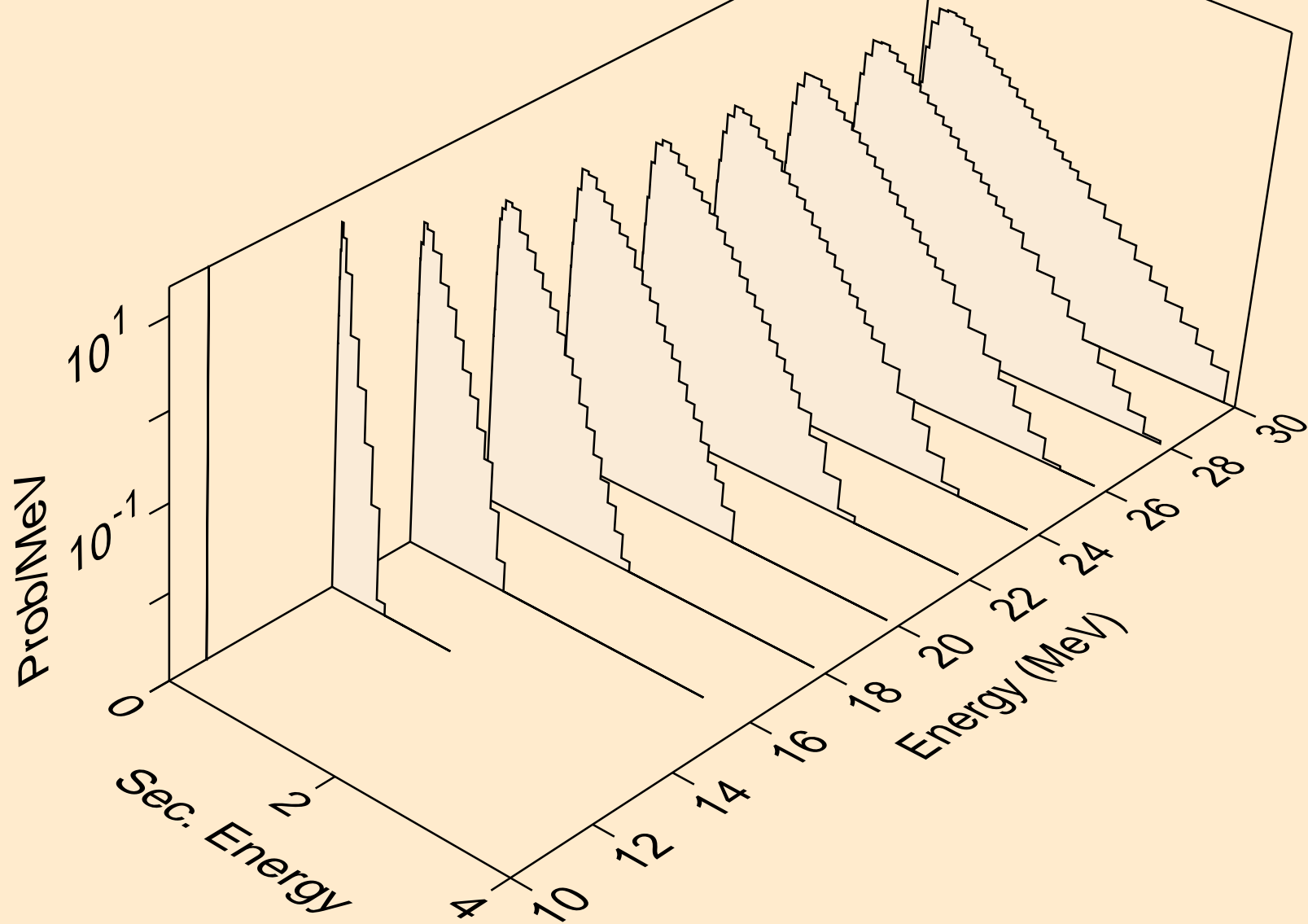
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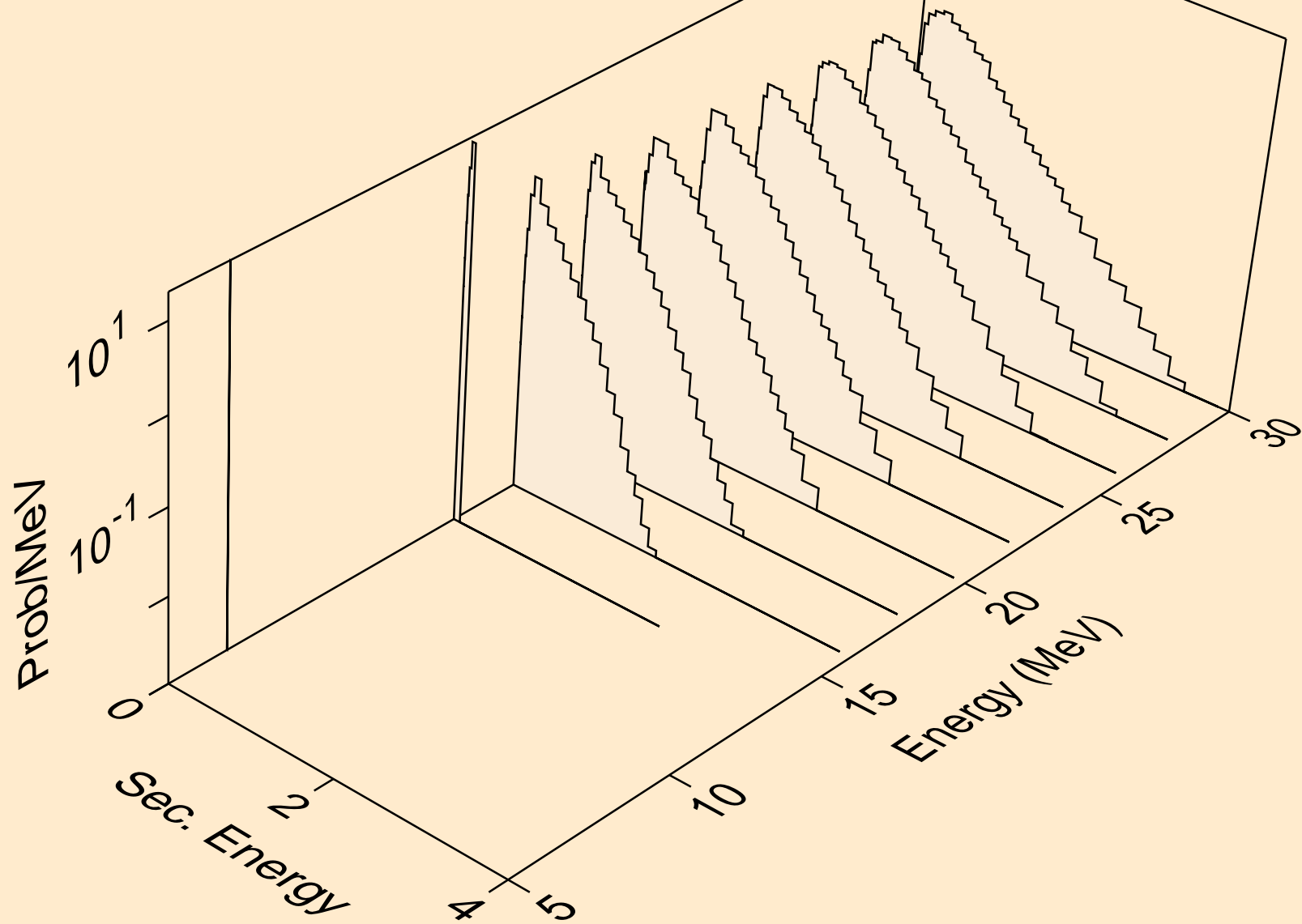
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neutrons from (s,n\*)d



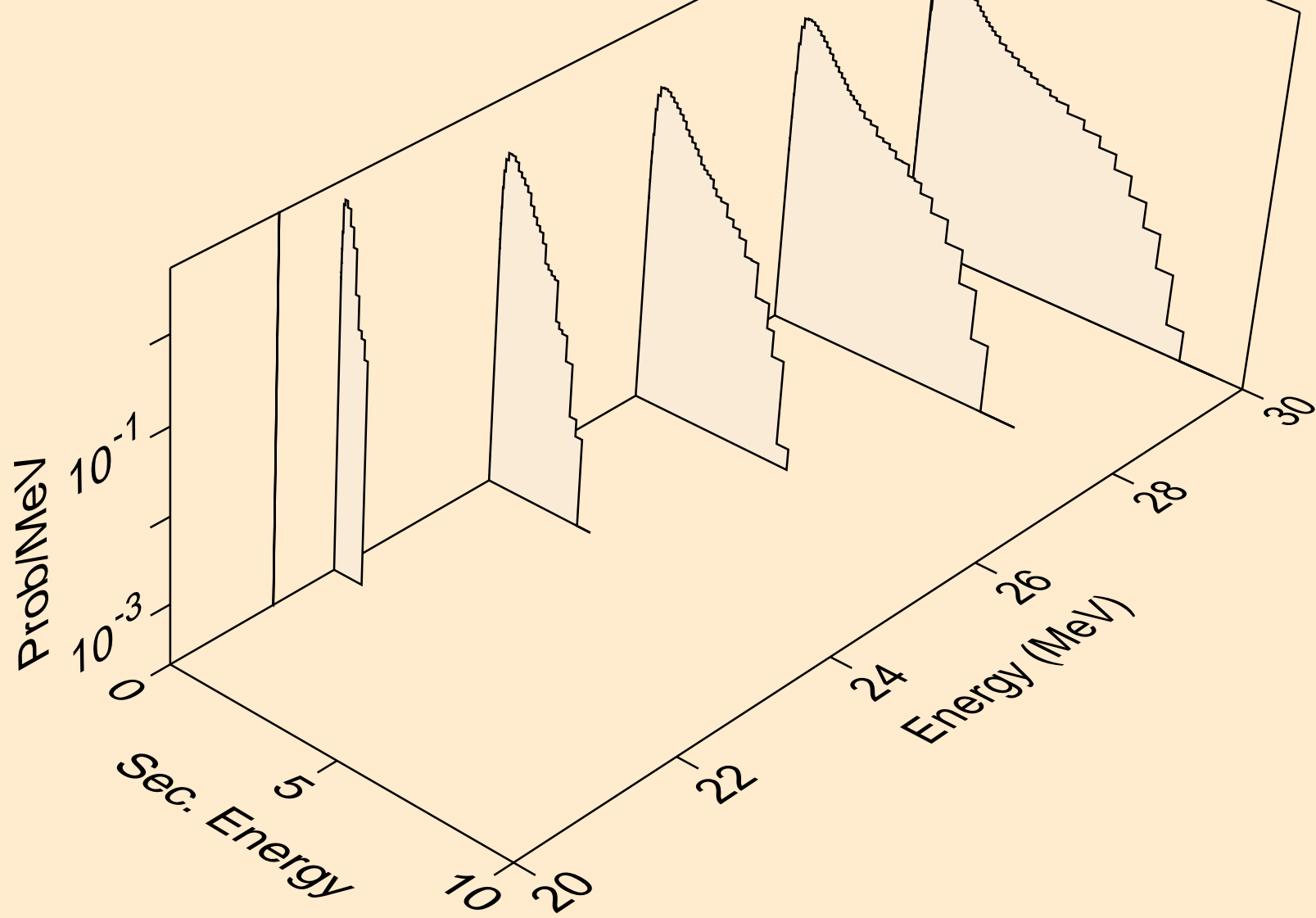
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

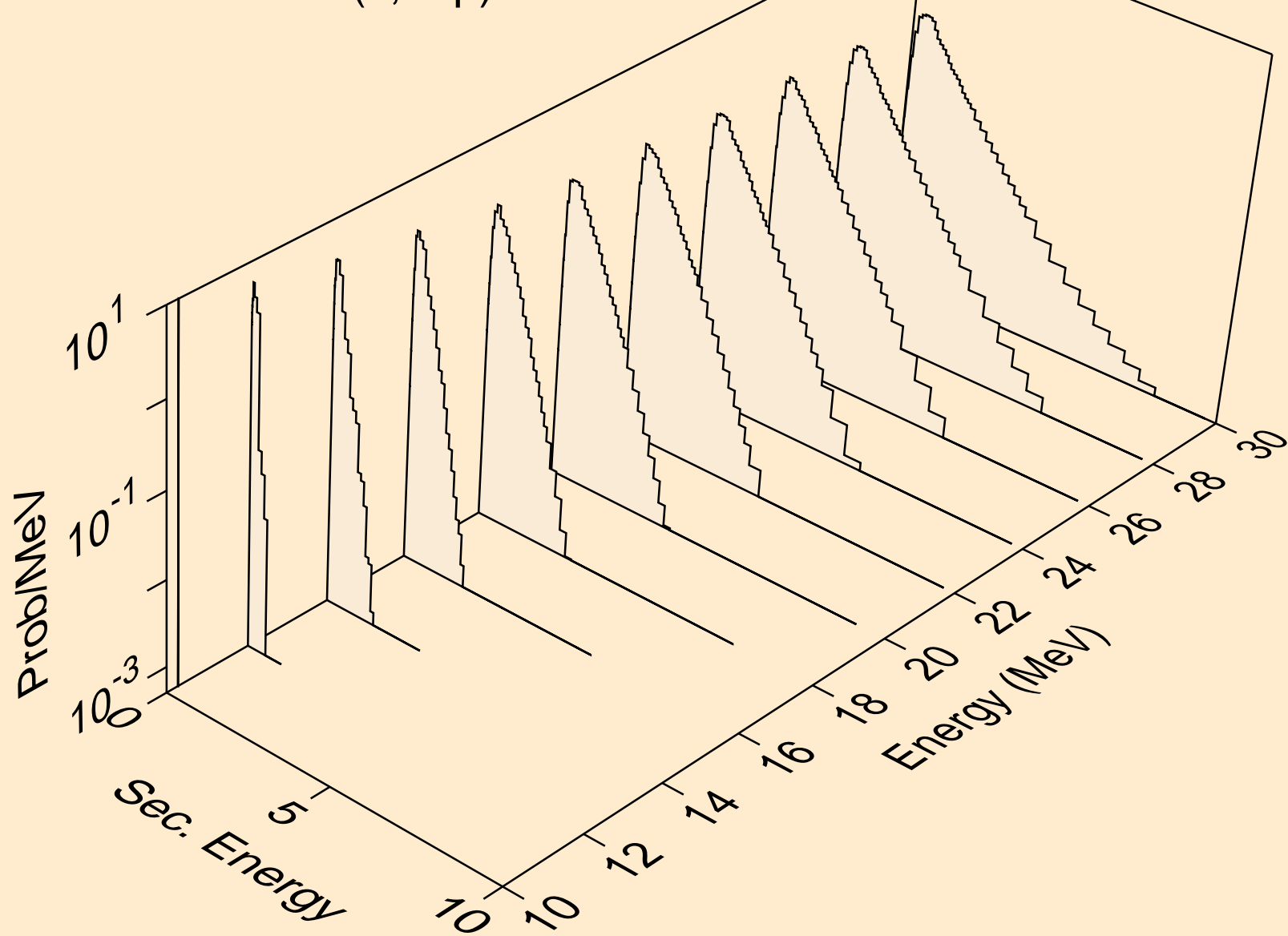


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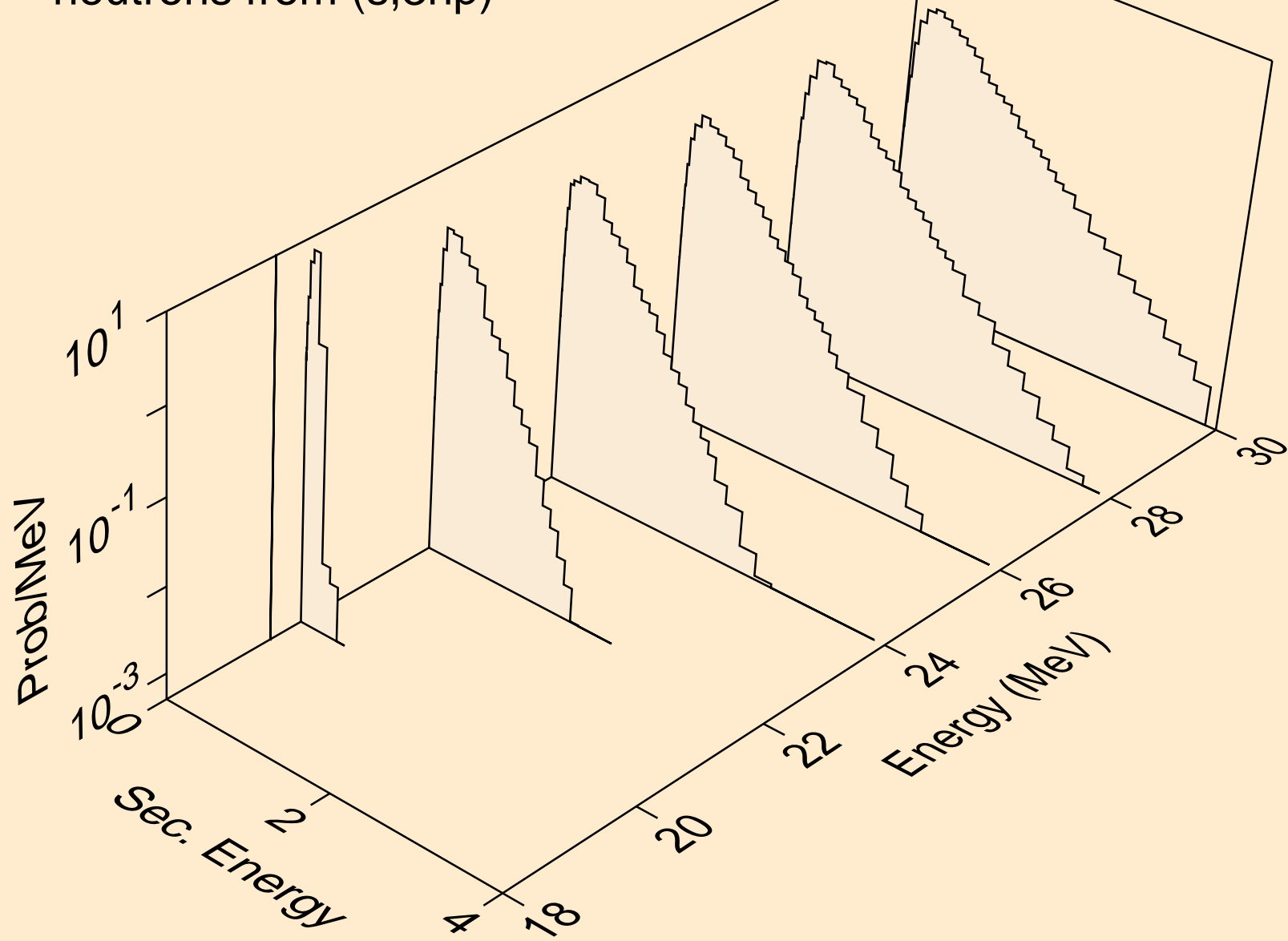




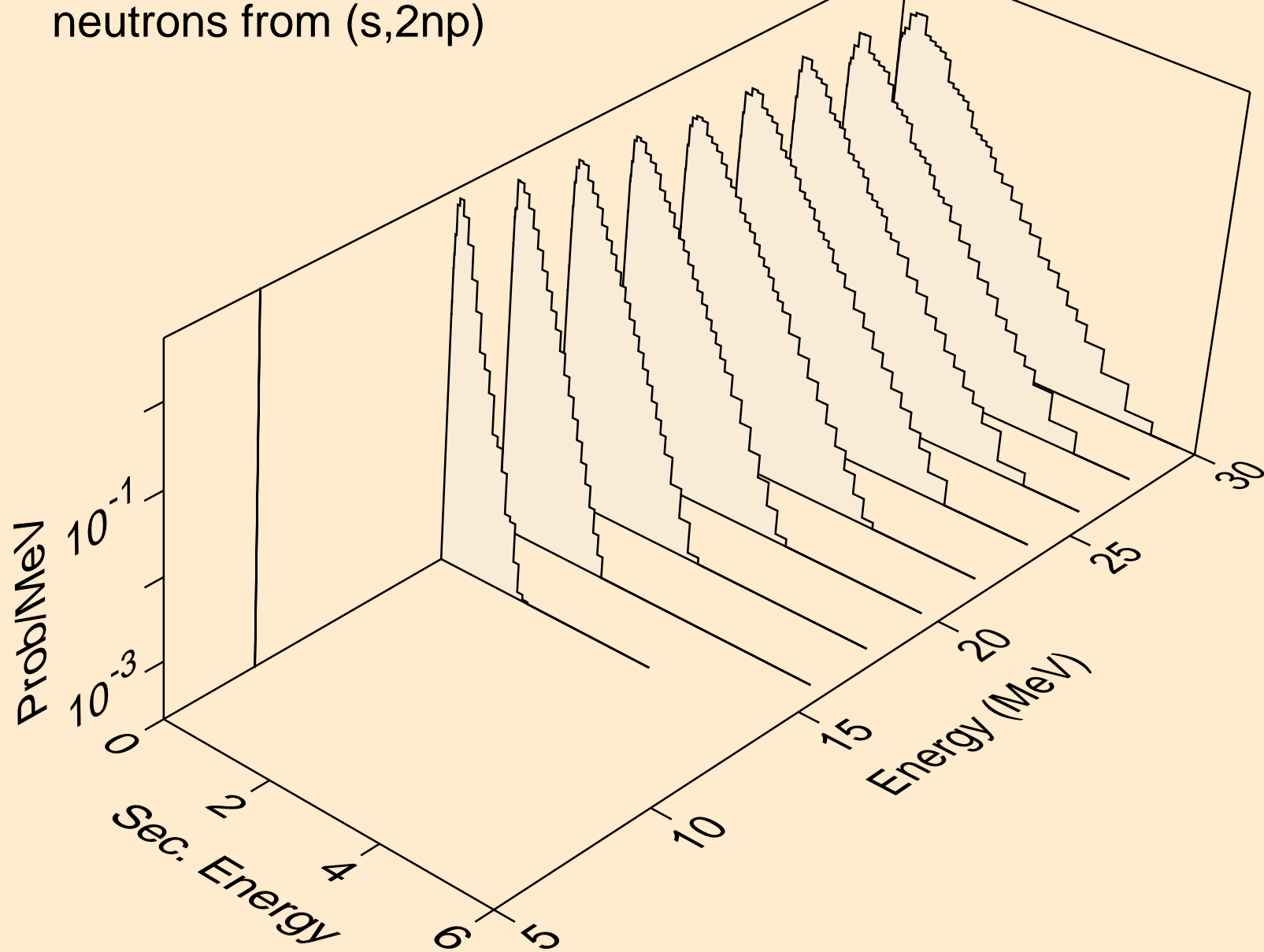
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neutrons from (s,2np)



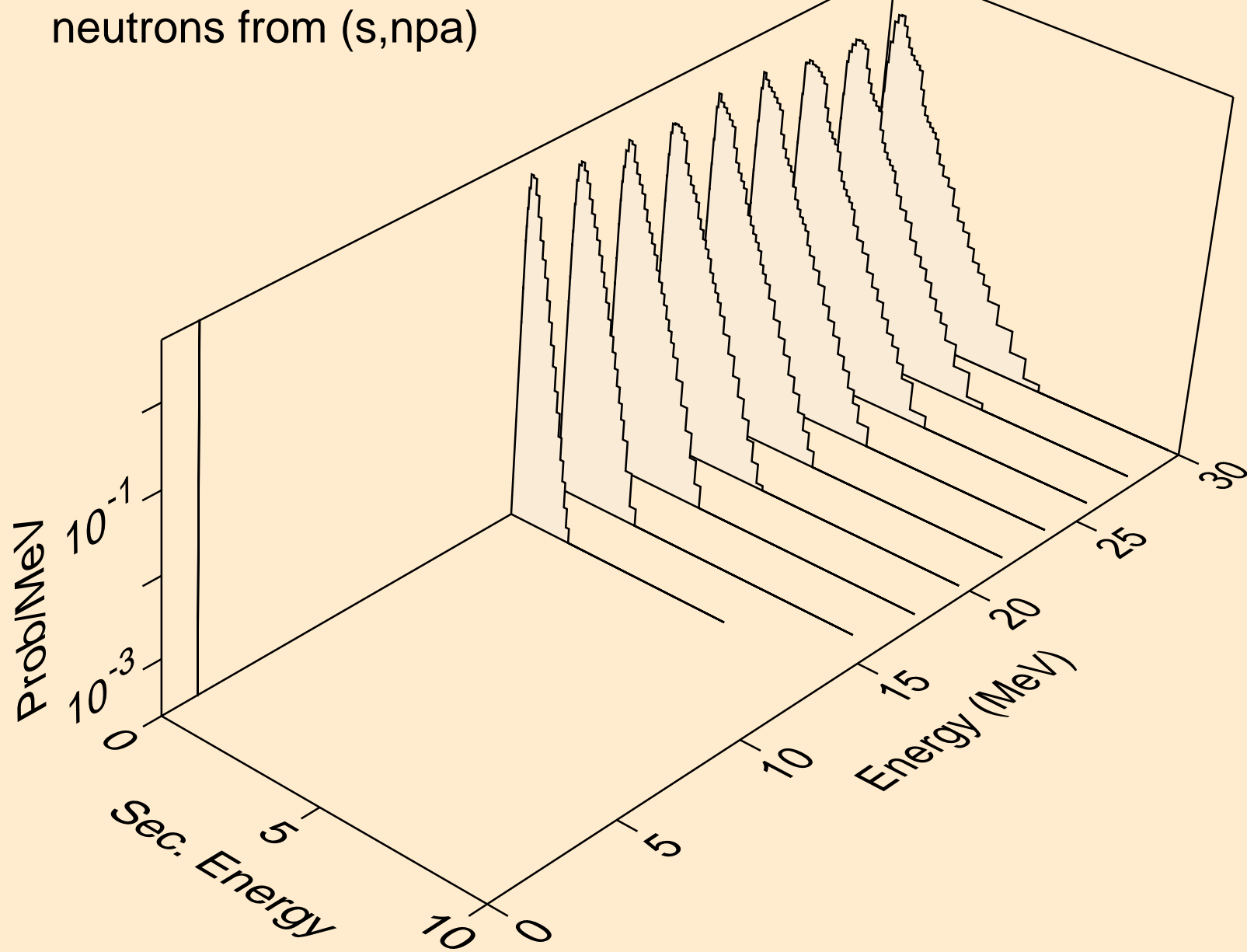
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neutrons from (s,3np)



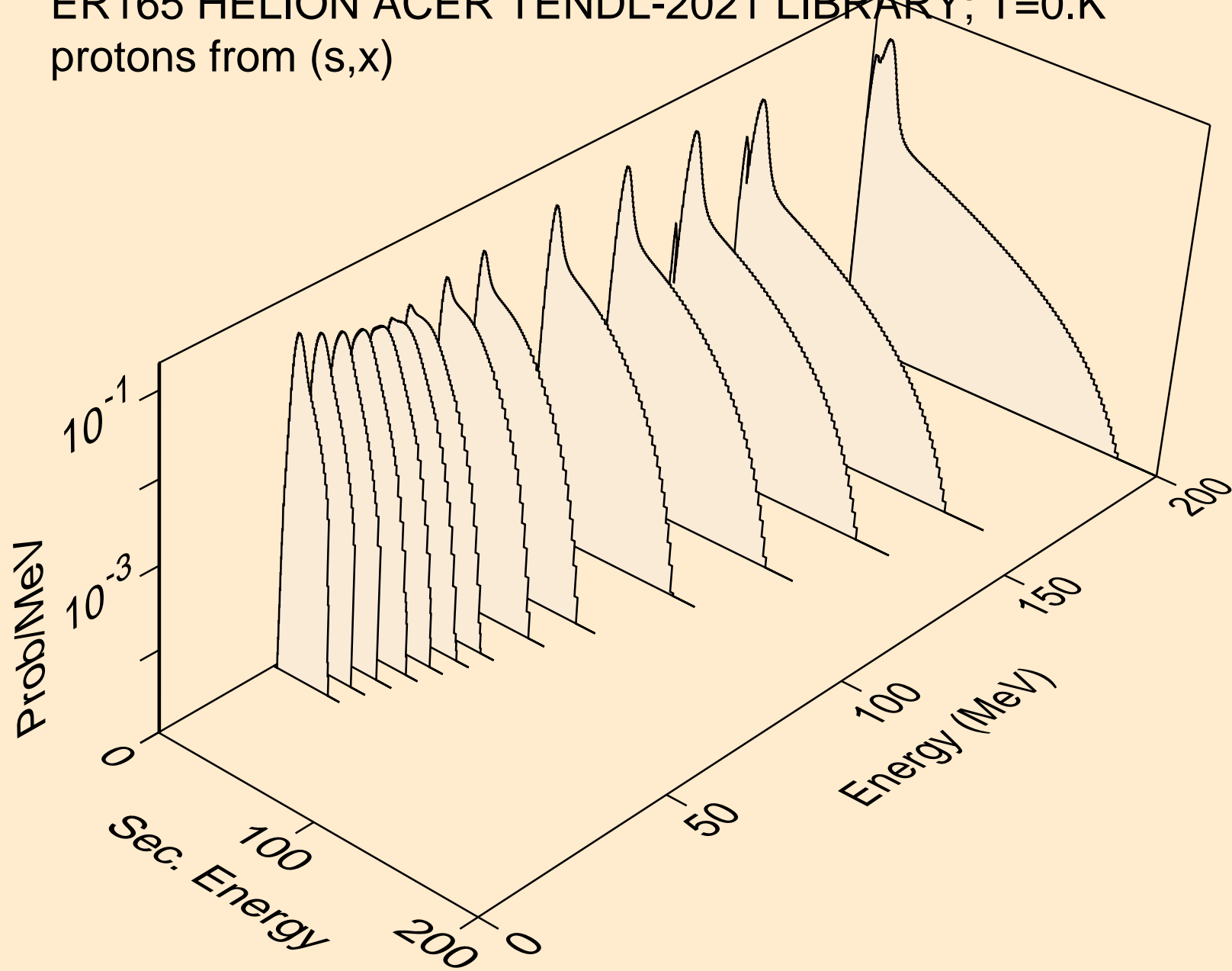
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



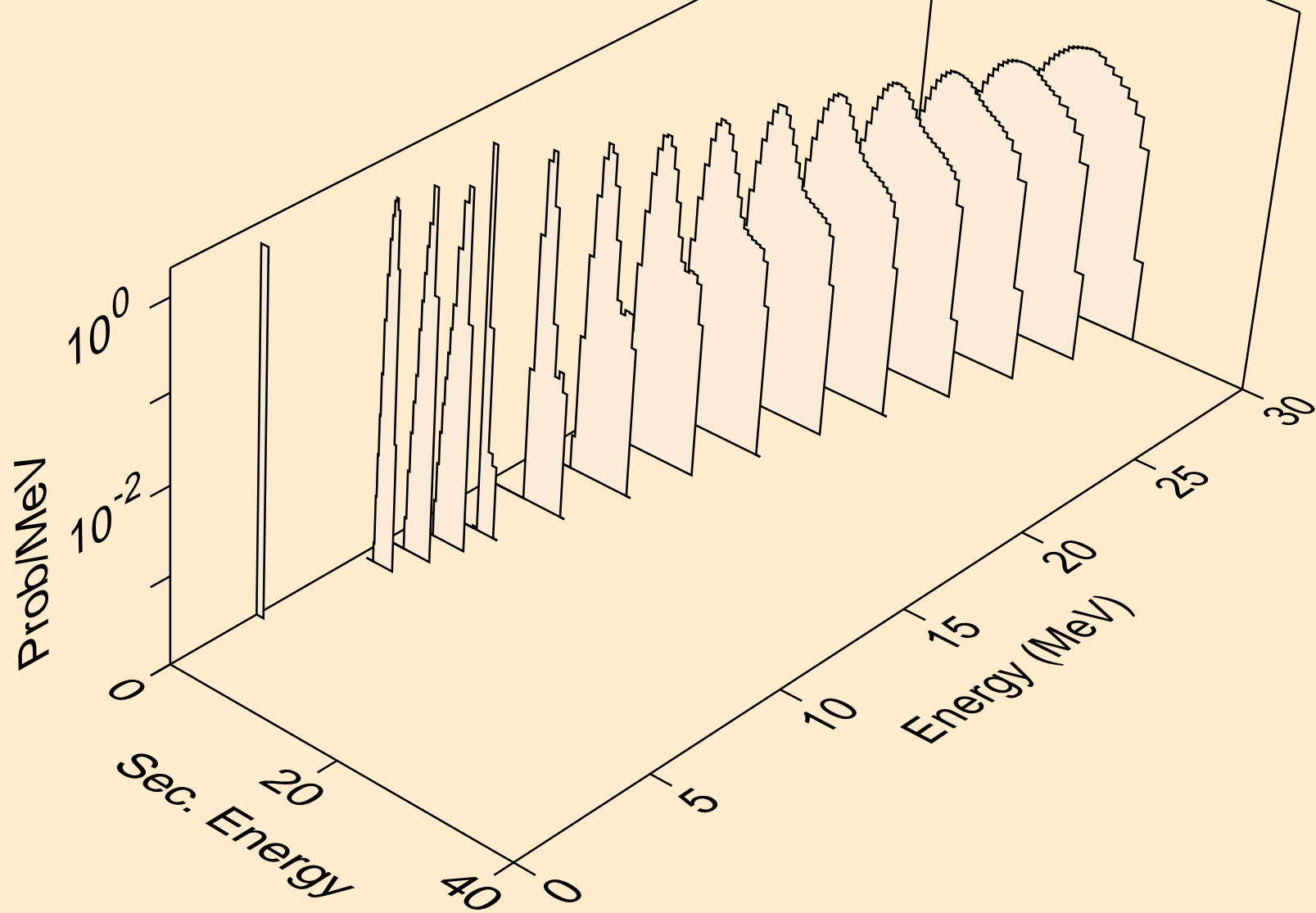
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



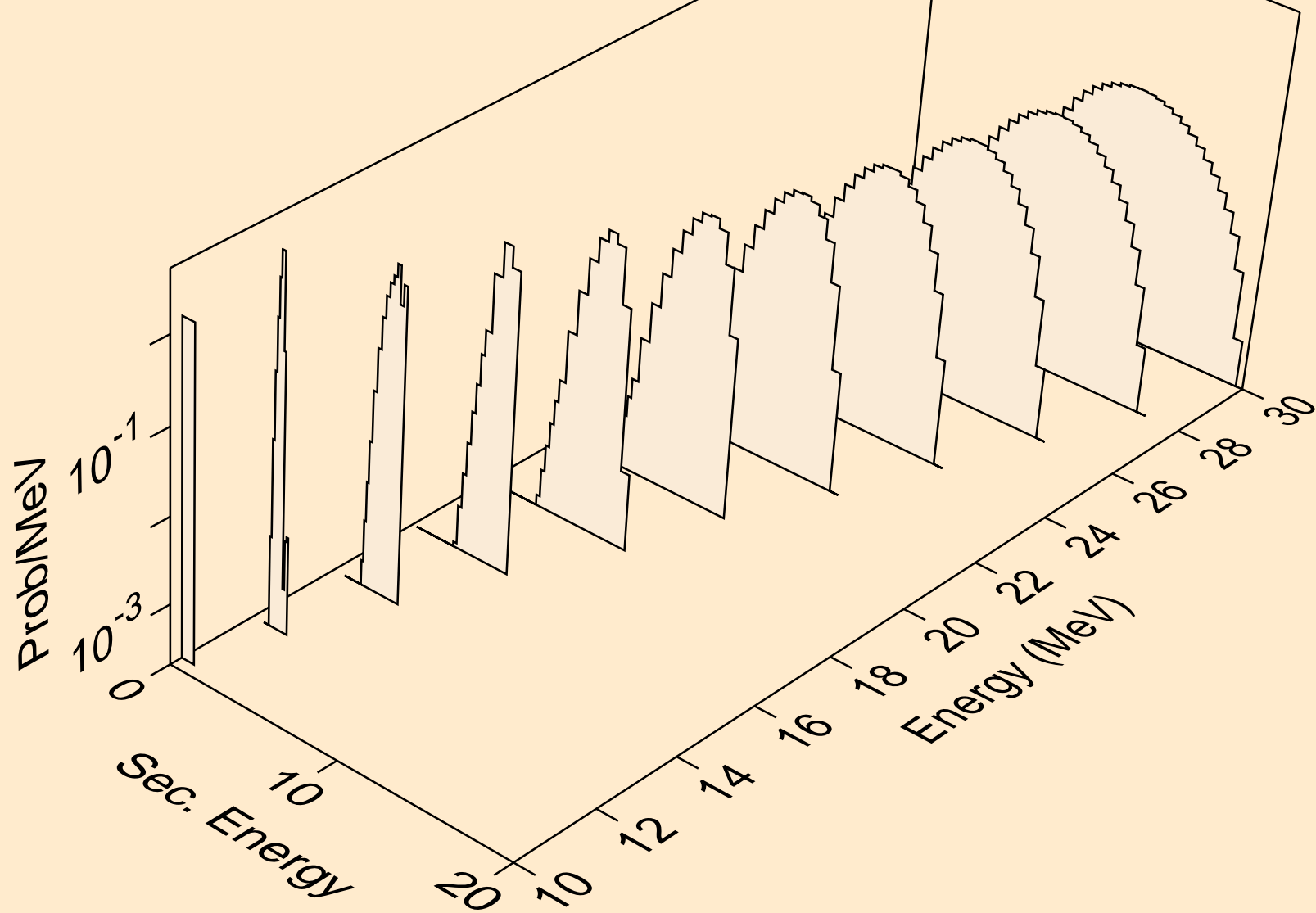
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



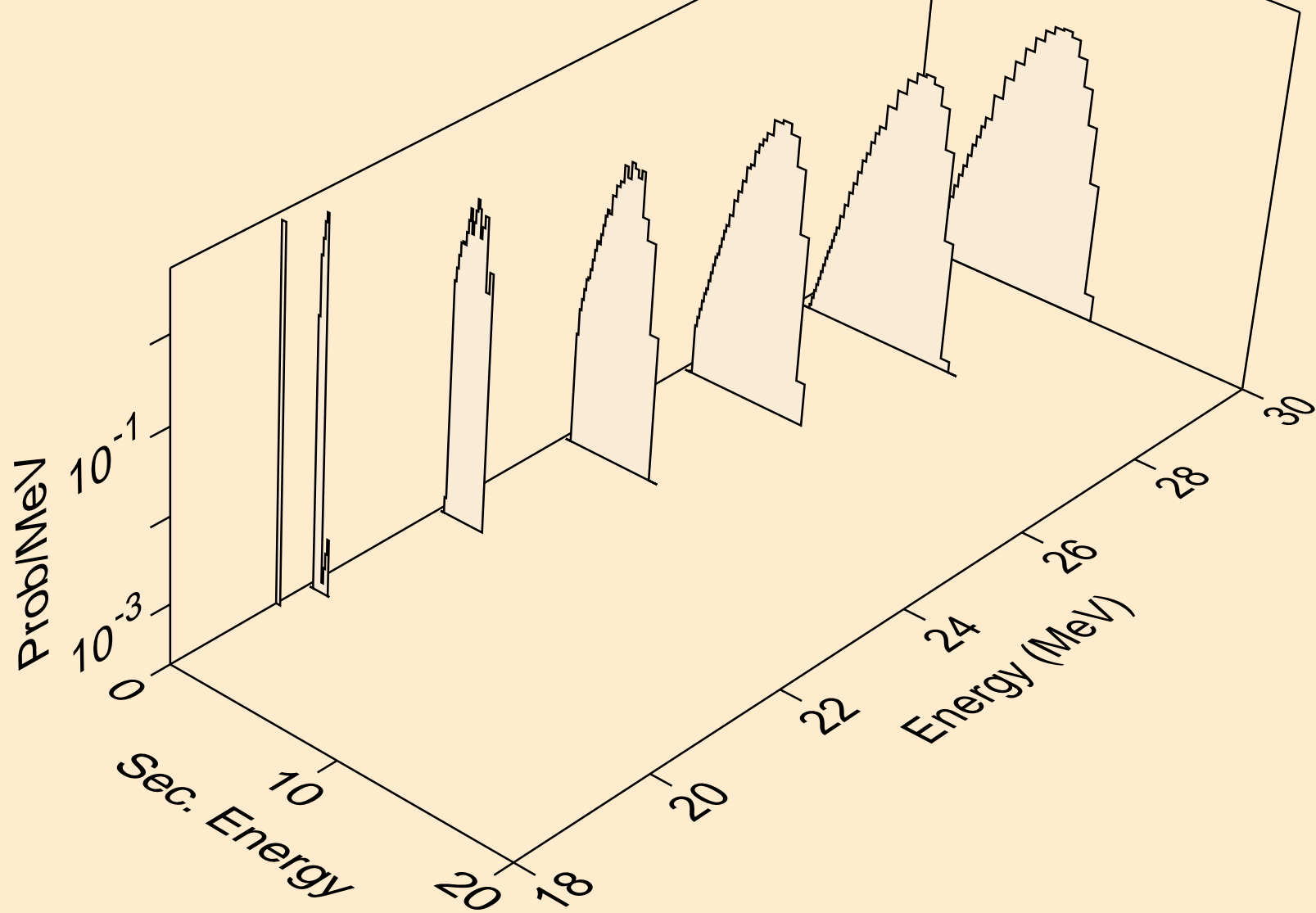
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

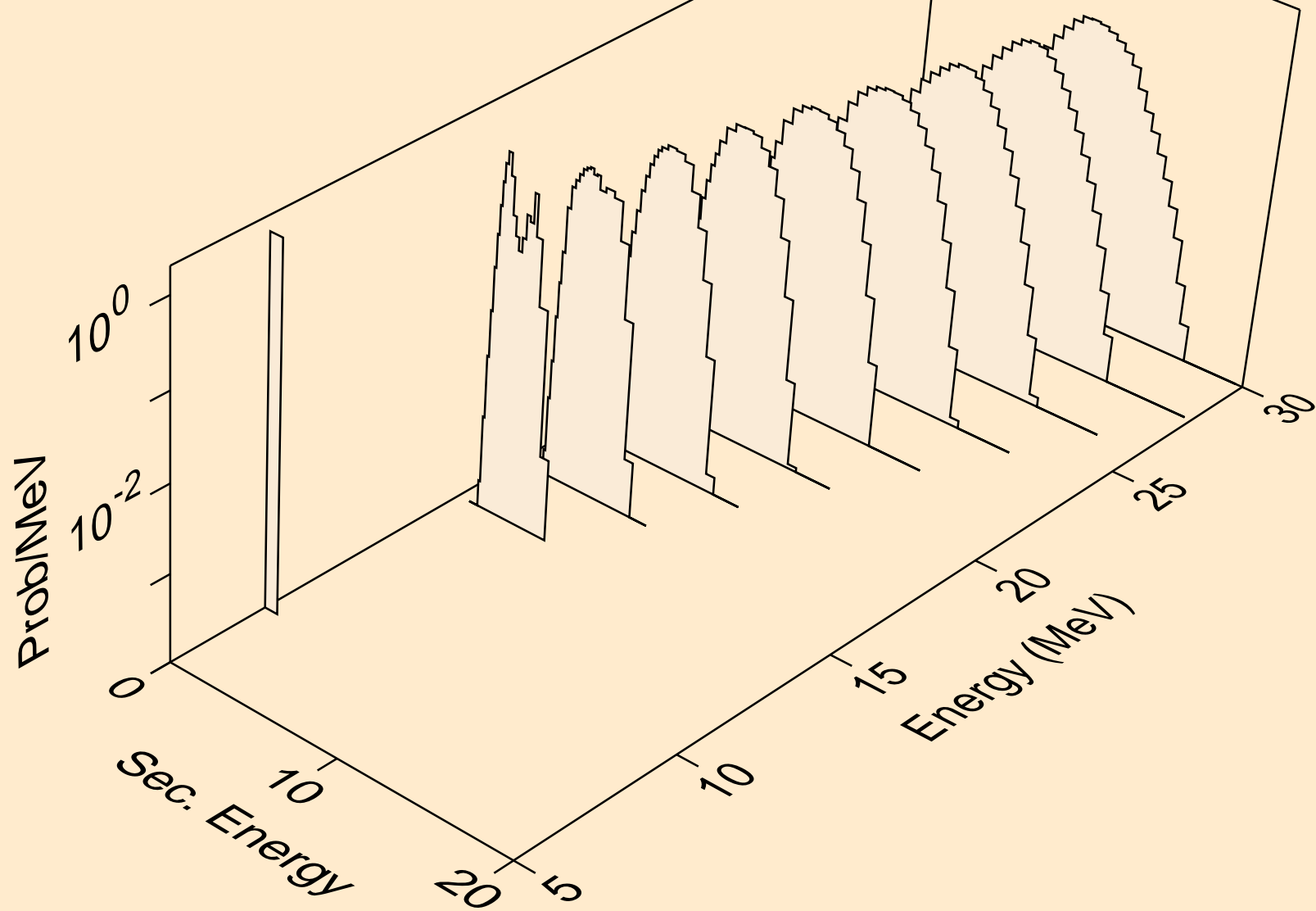


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

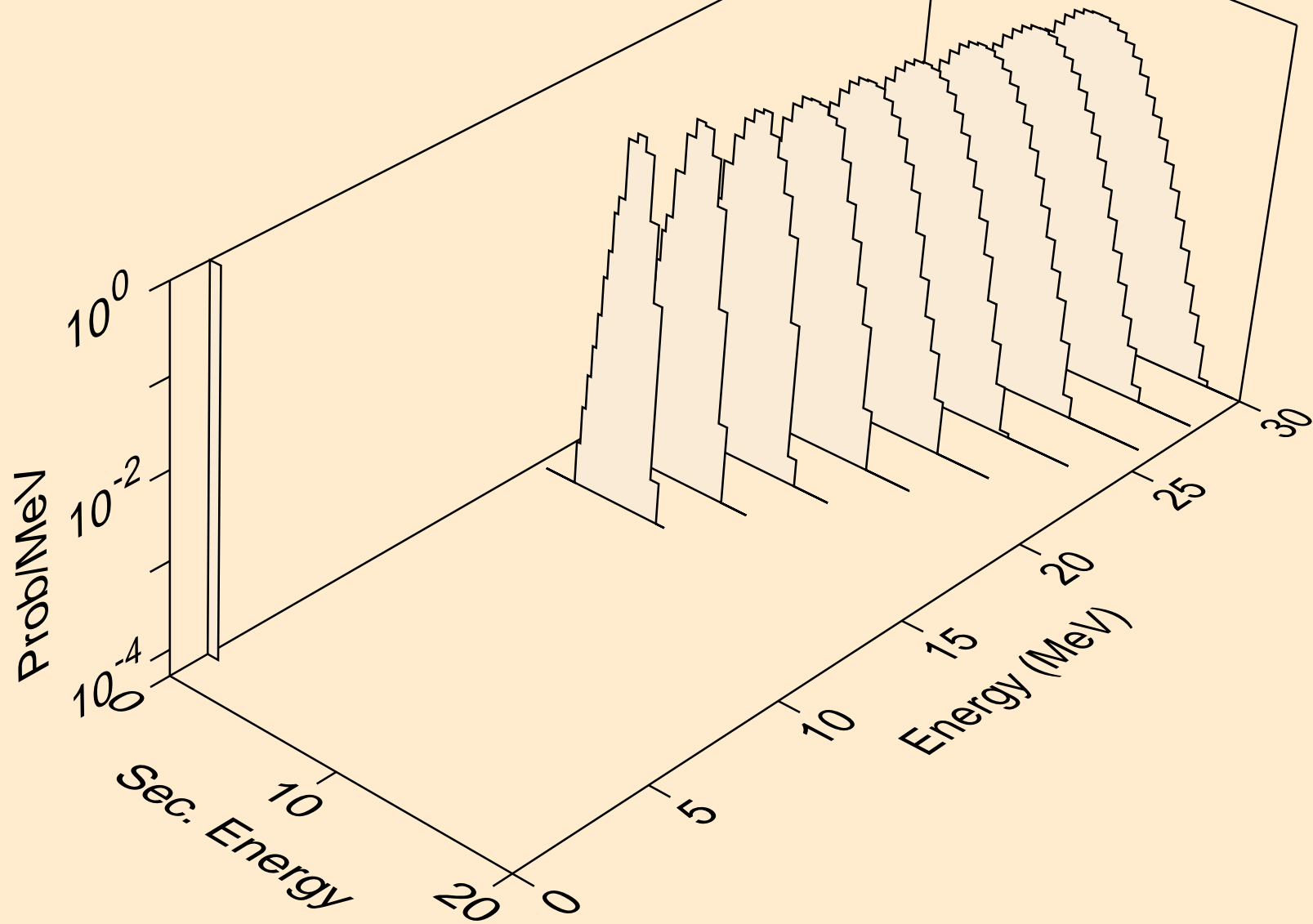




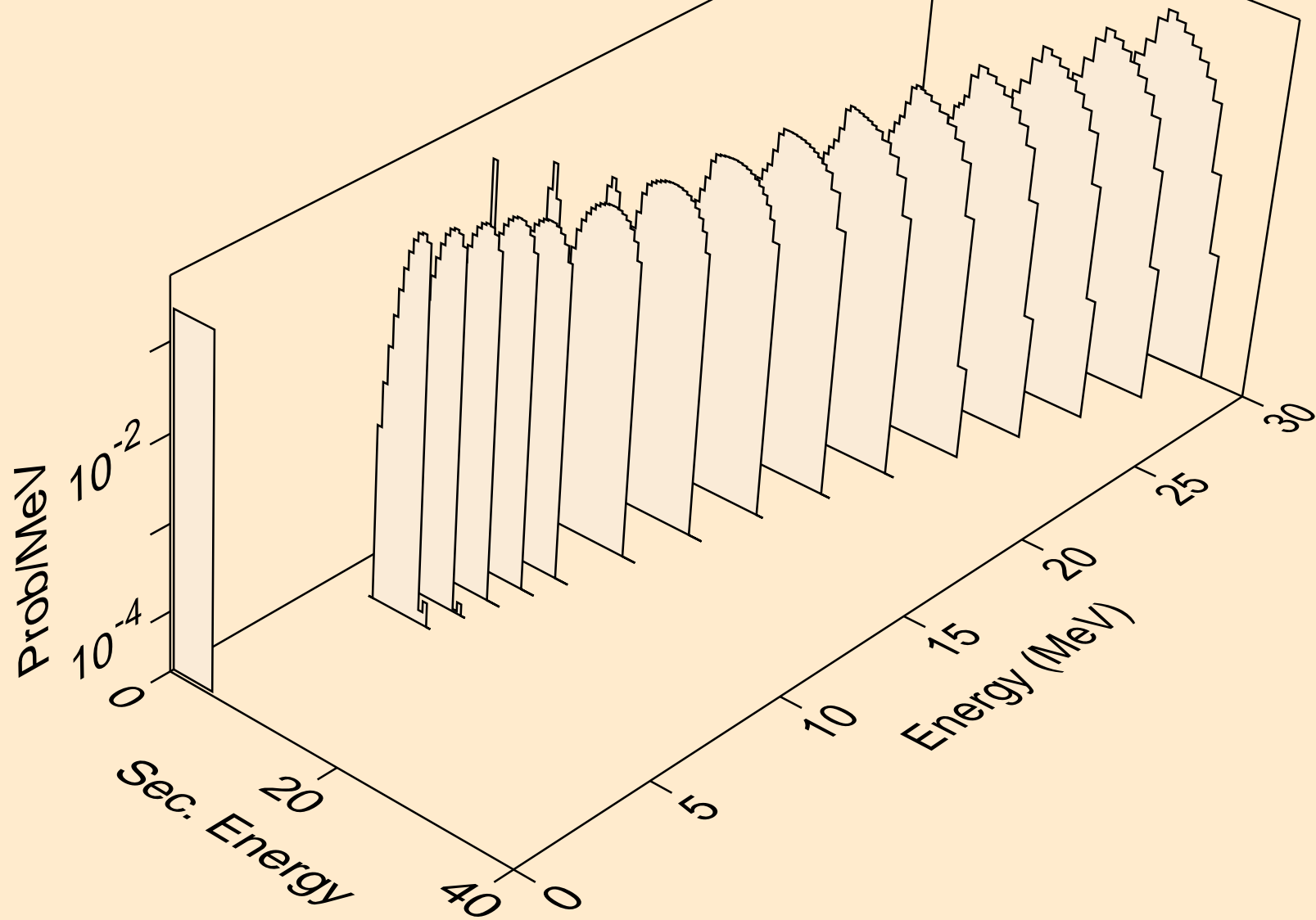
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



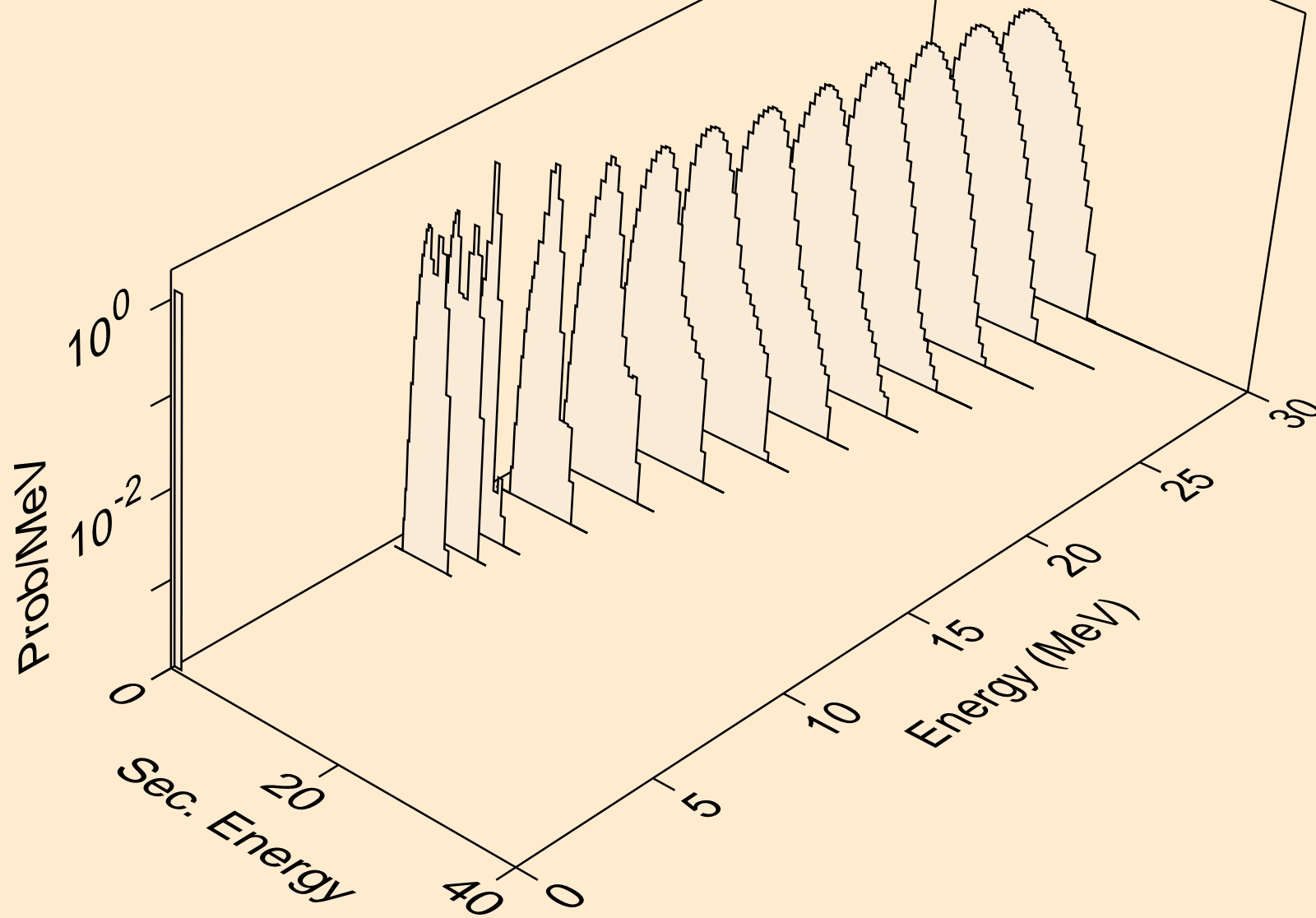
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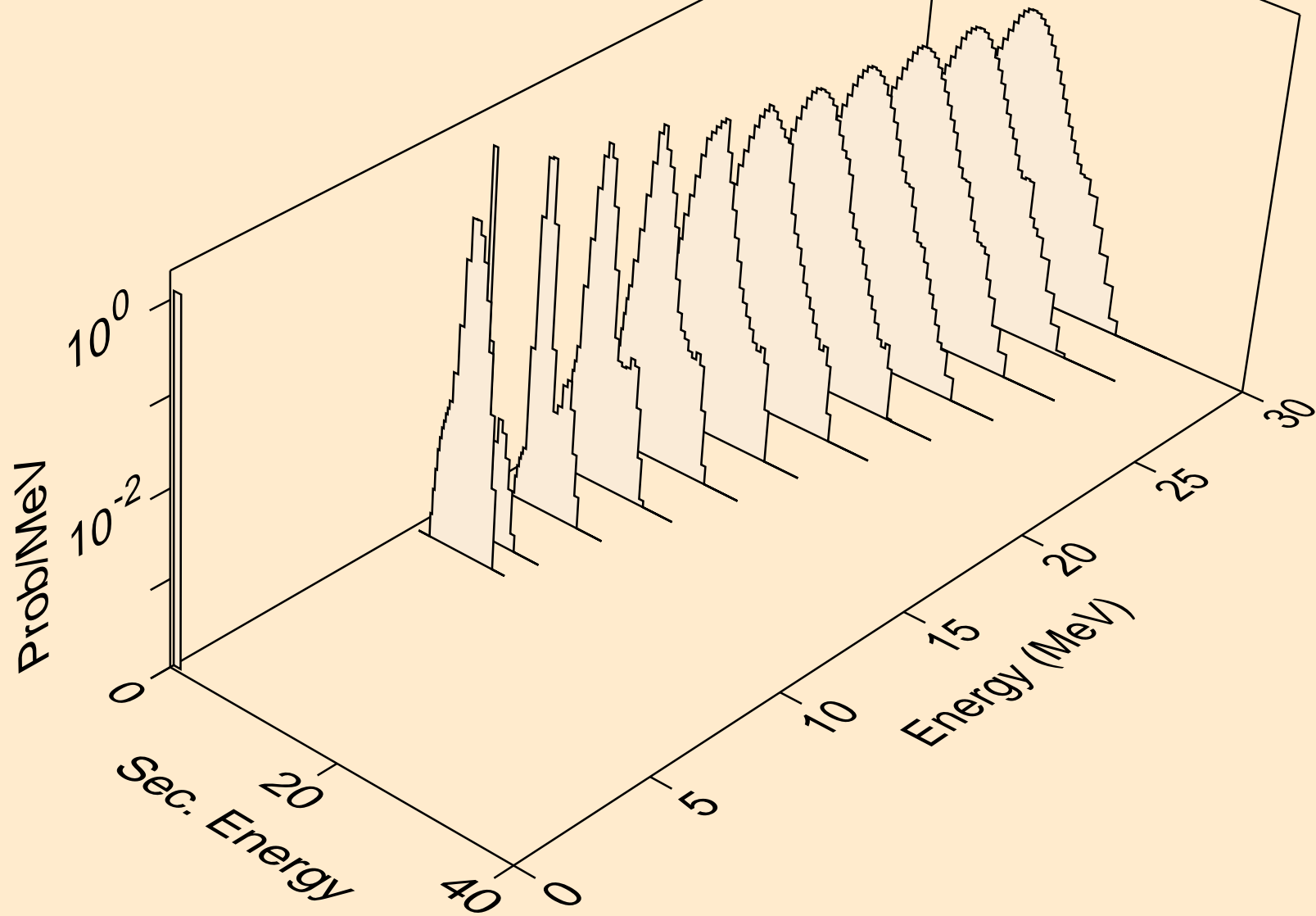
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protons from (s,p)



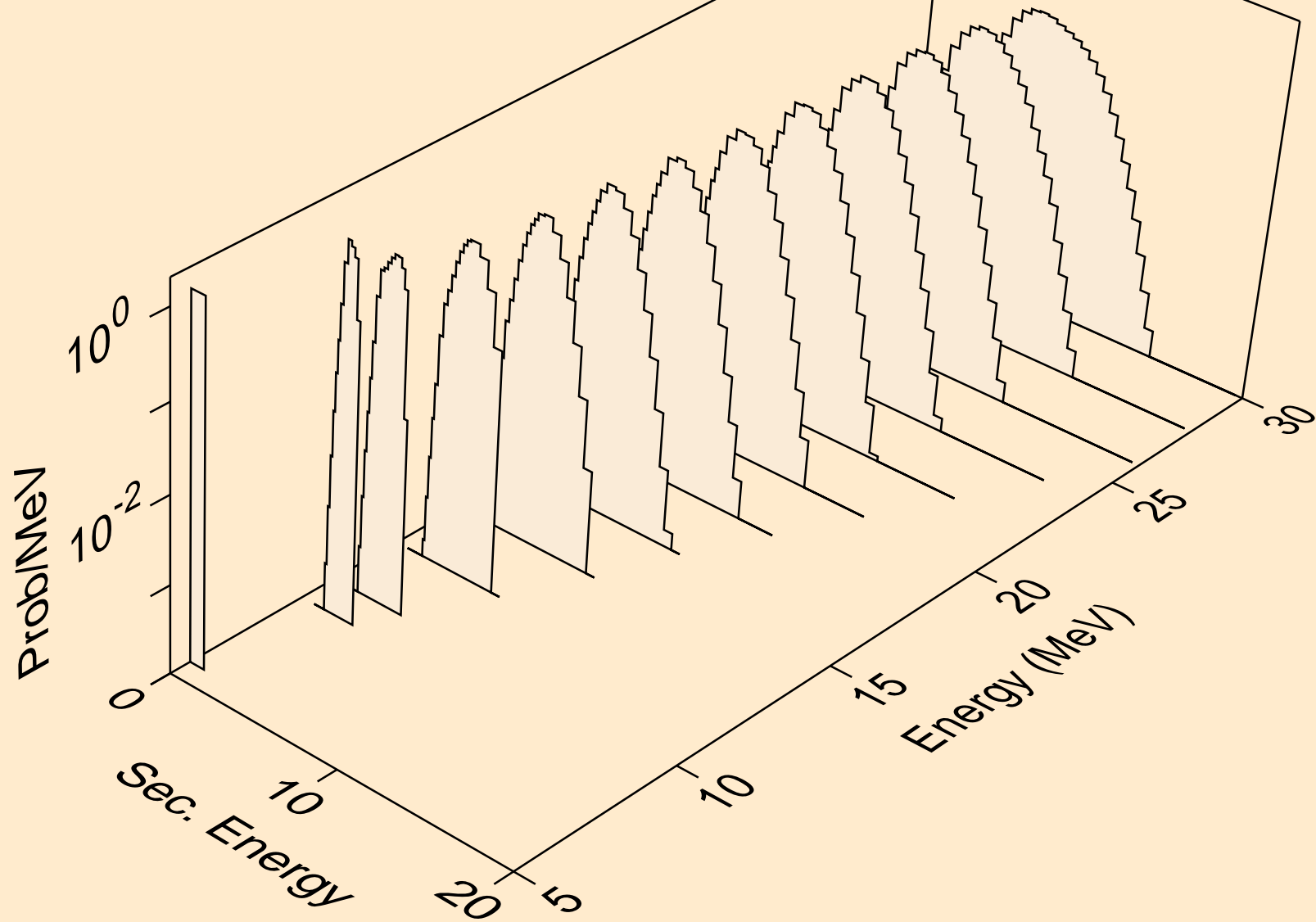
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protons from (s,2p)



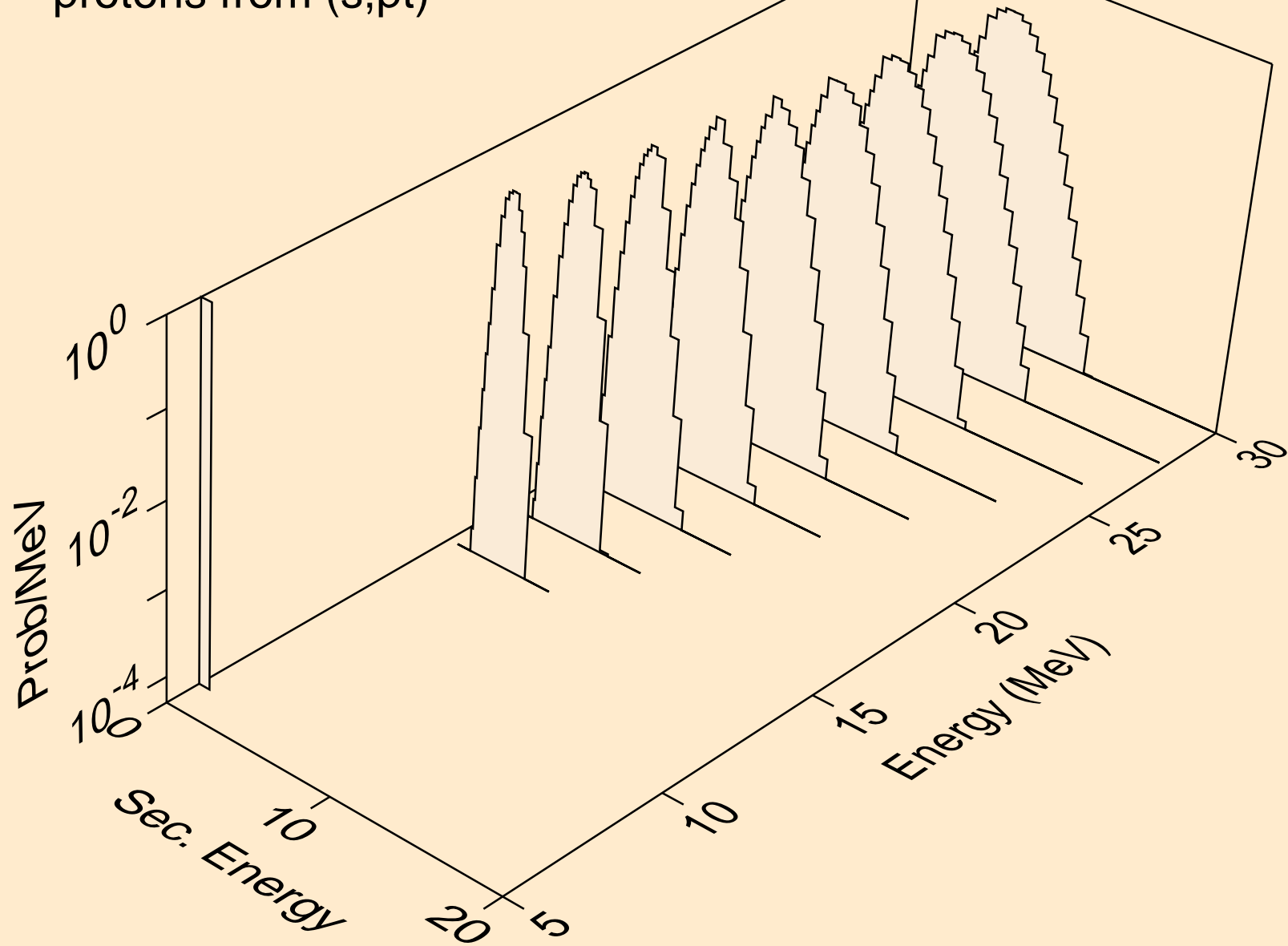
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



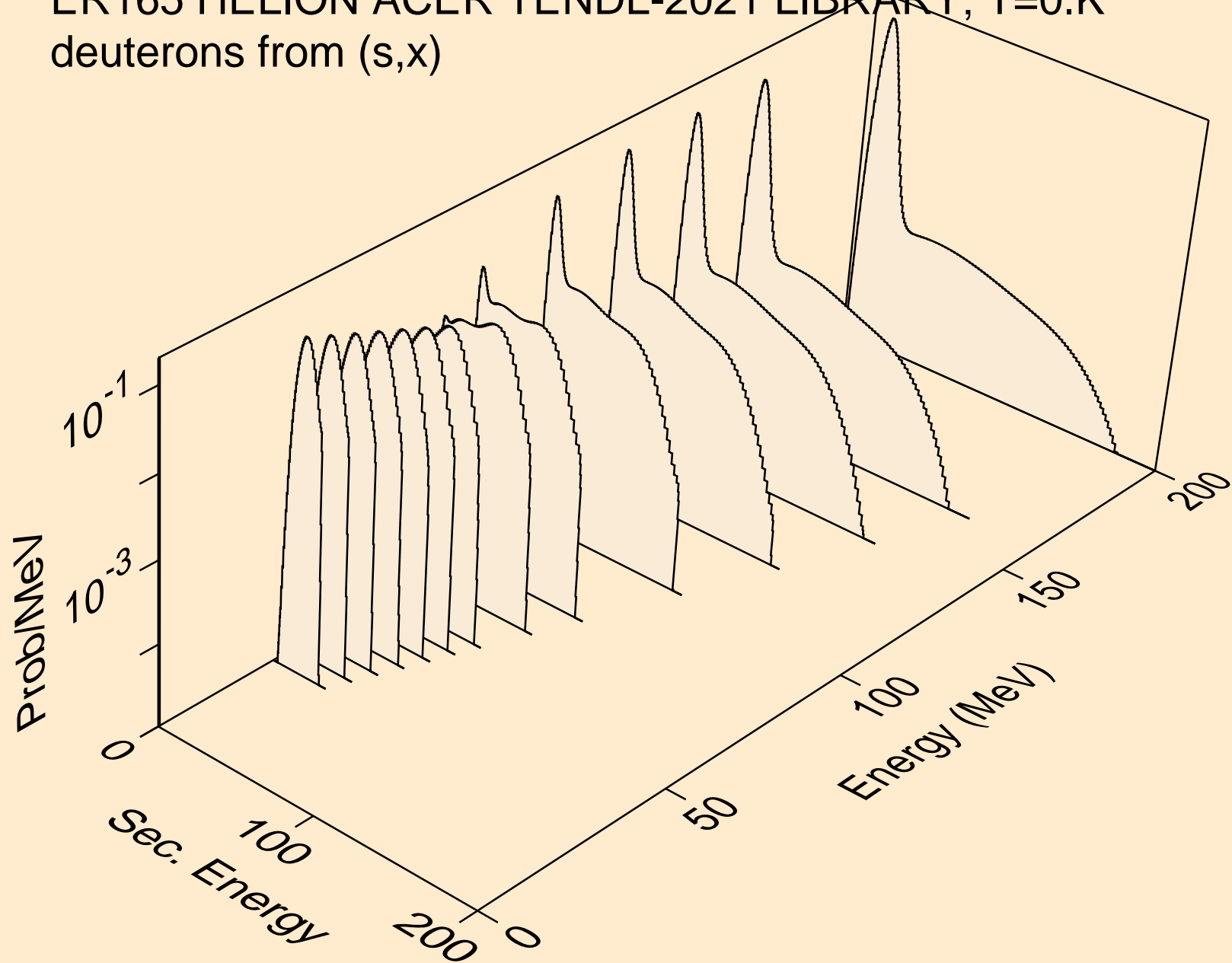
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

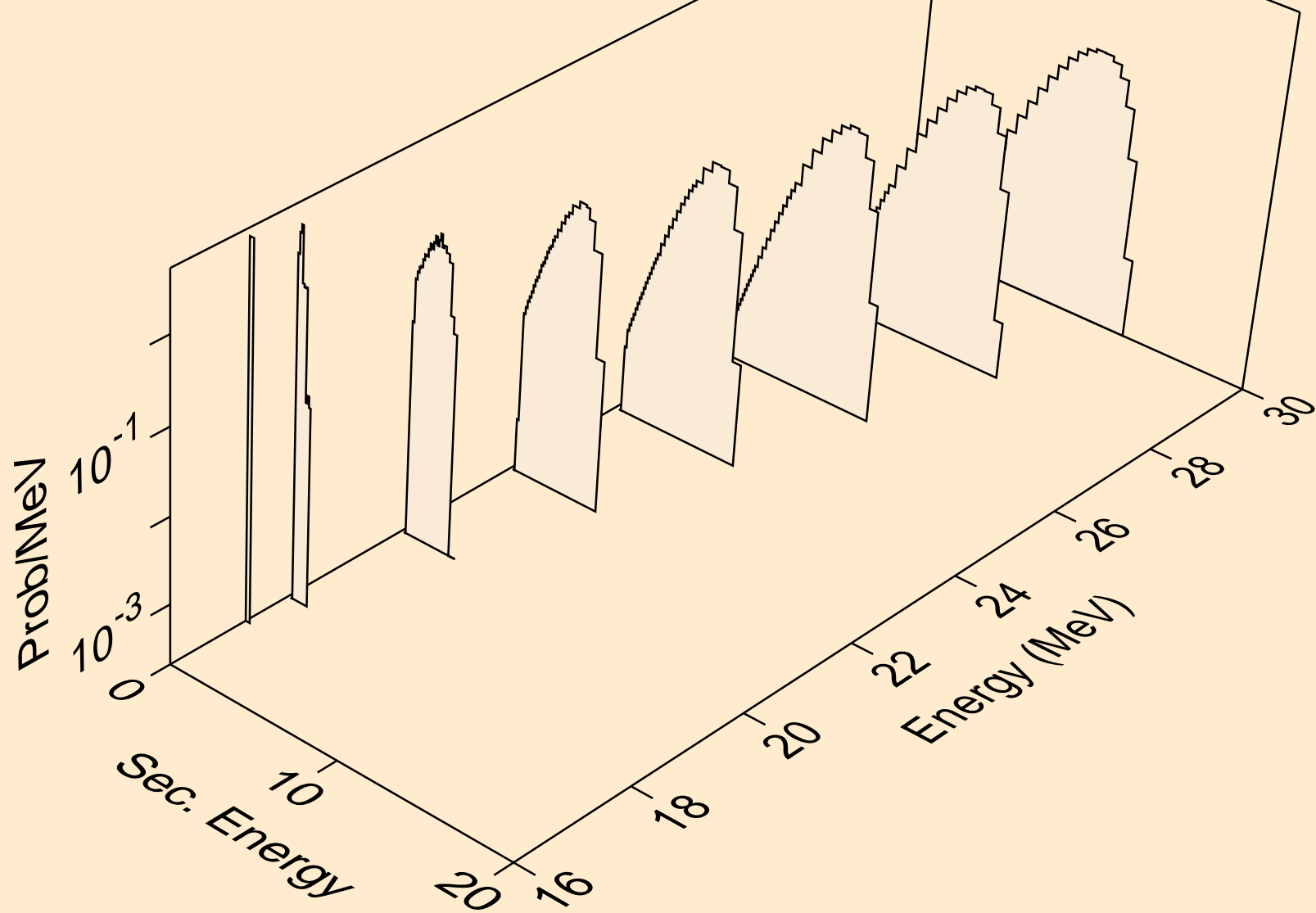


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

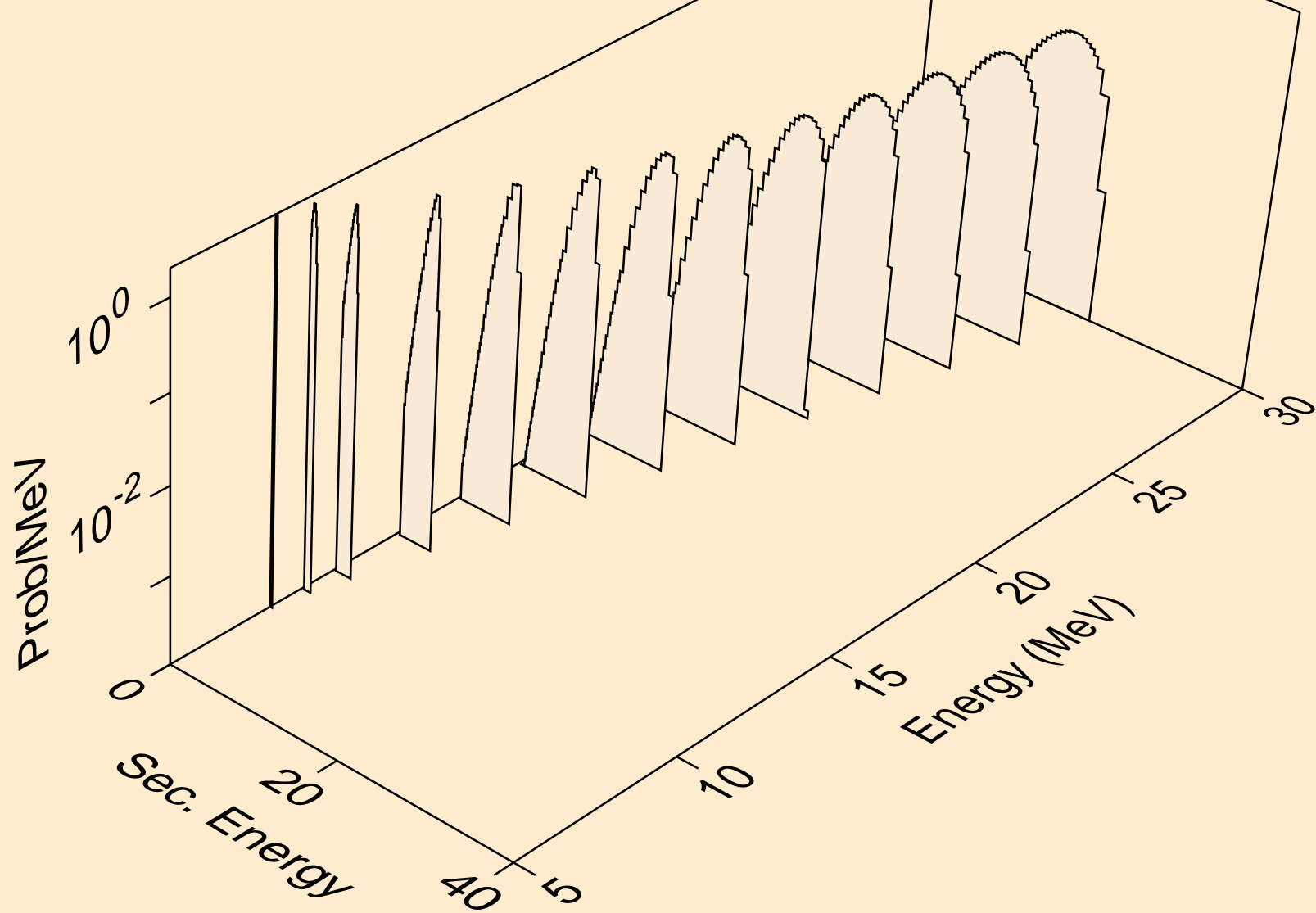




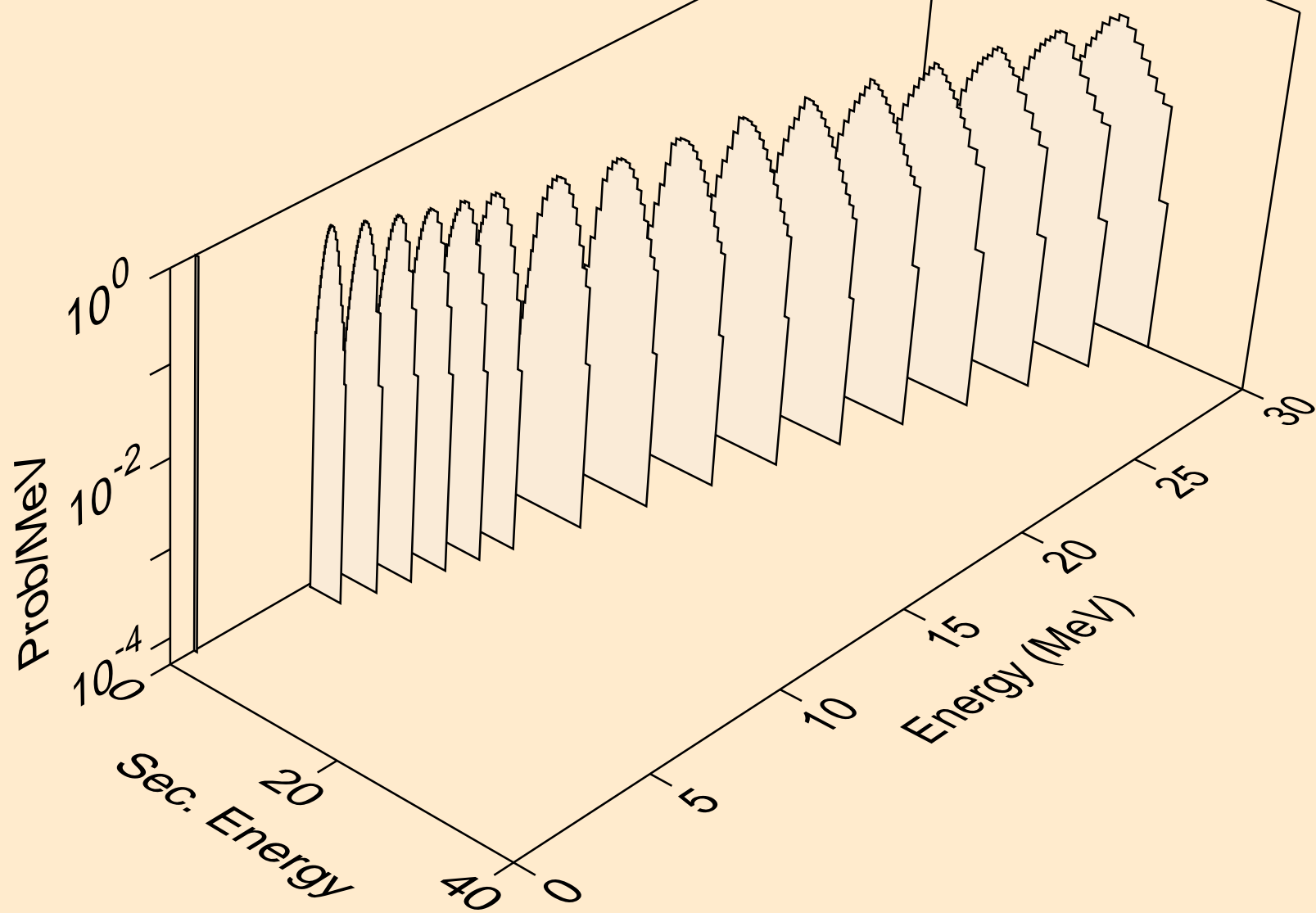
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



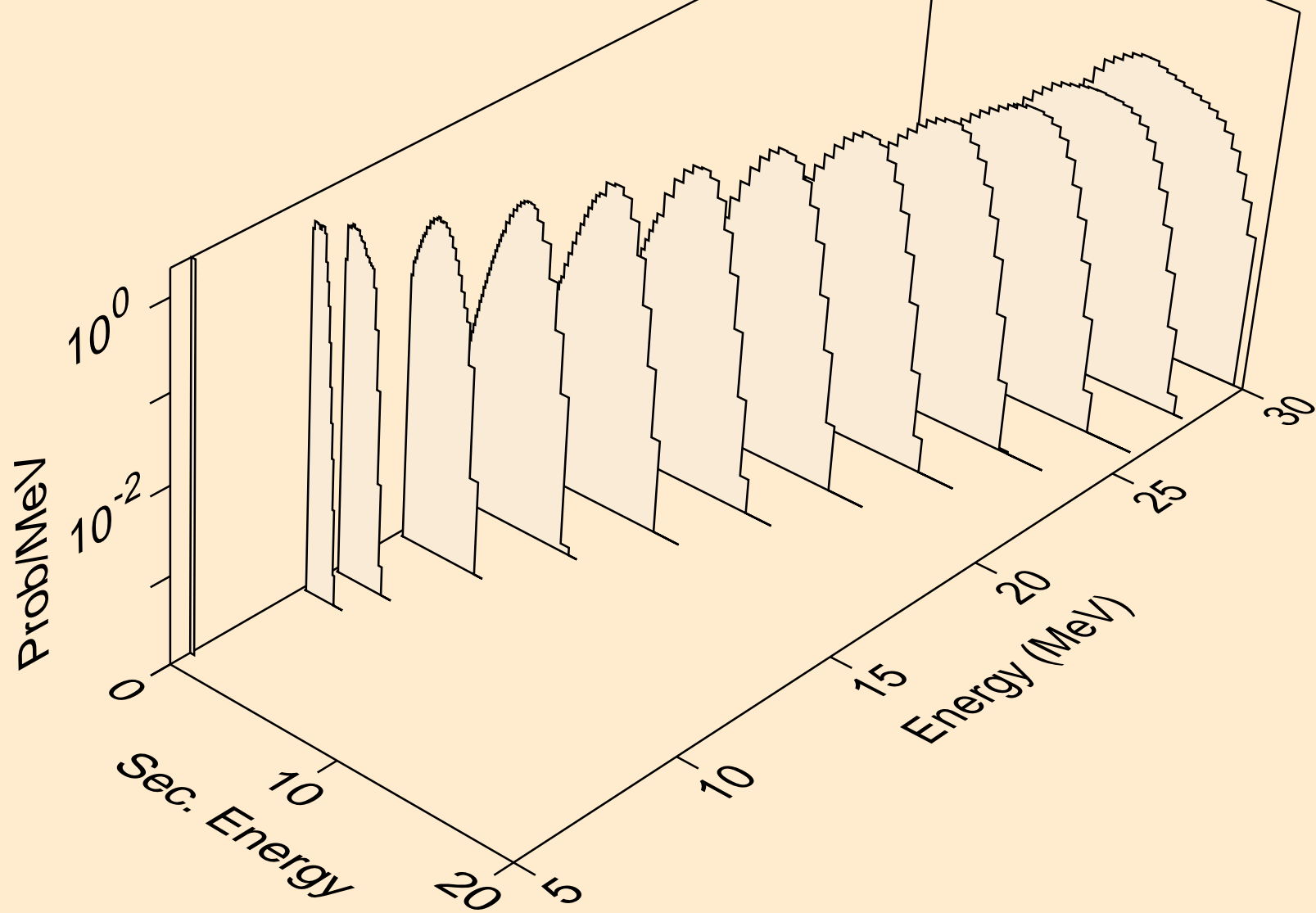
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



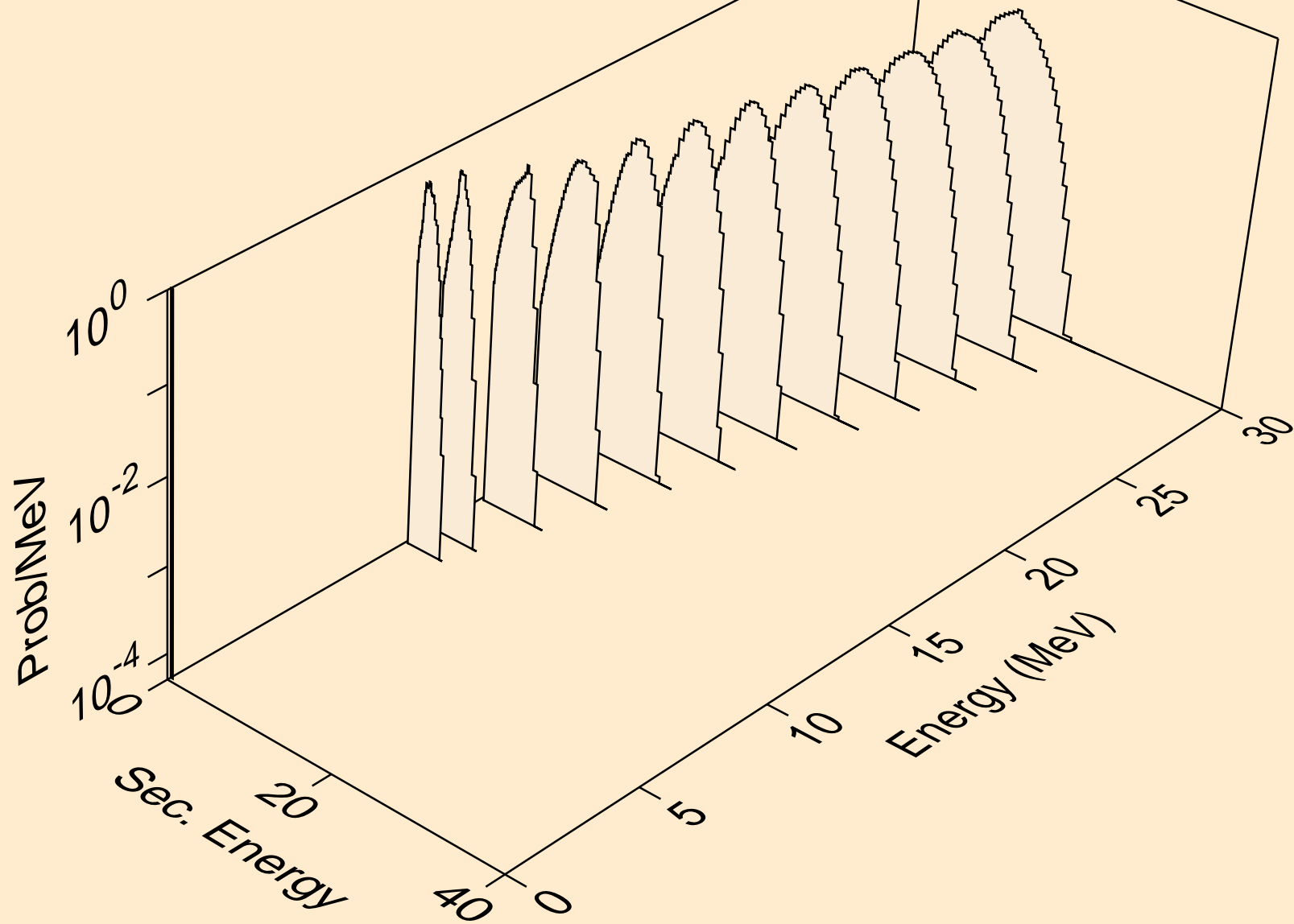
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deuterons from (s,d)



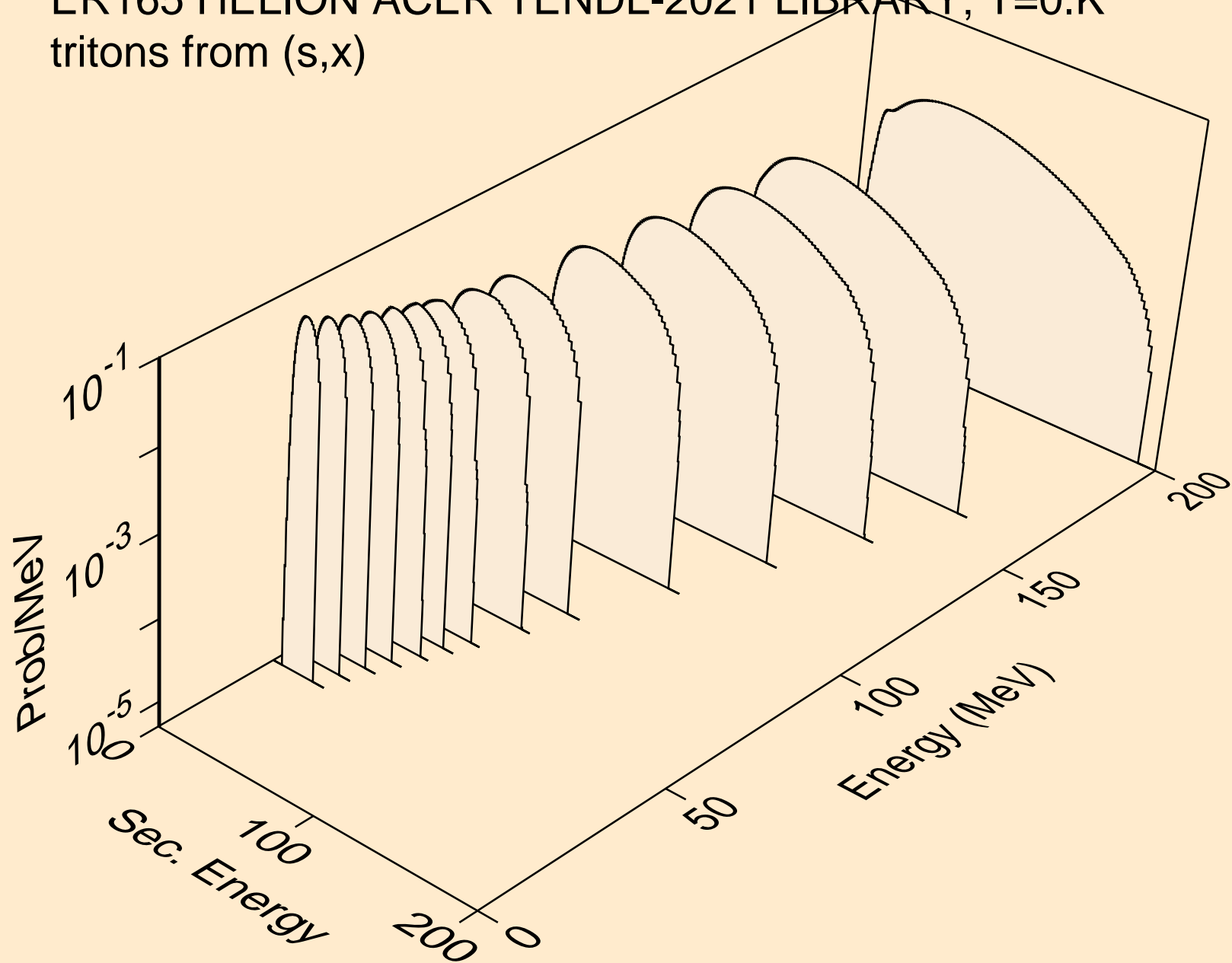
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



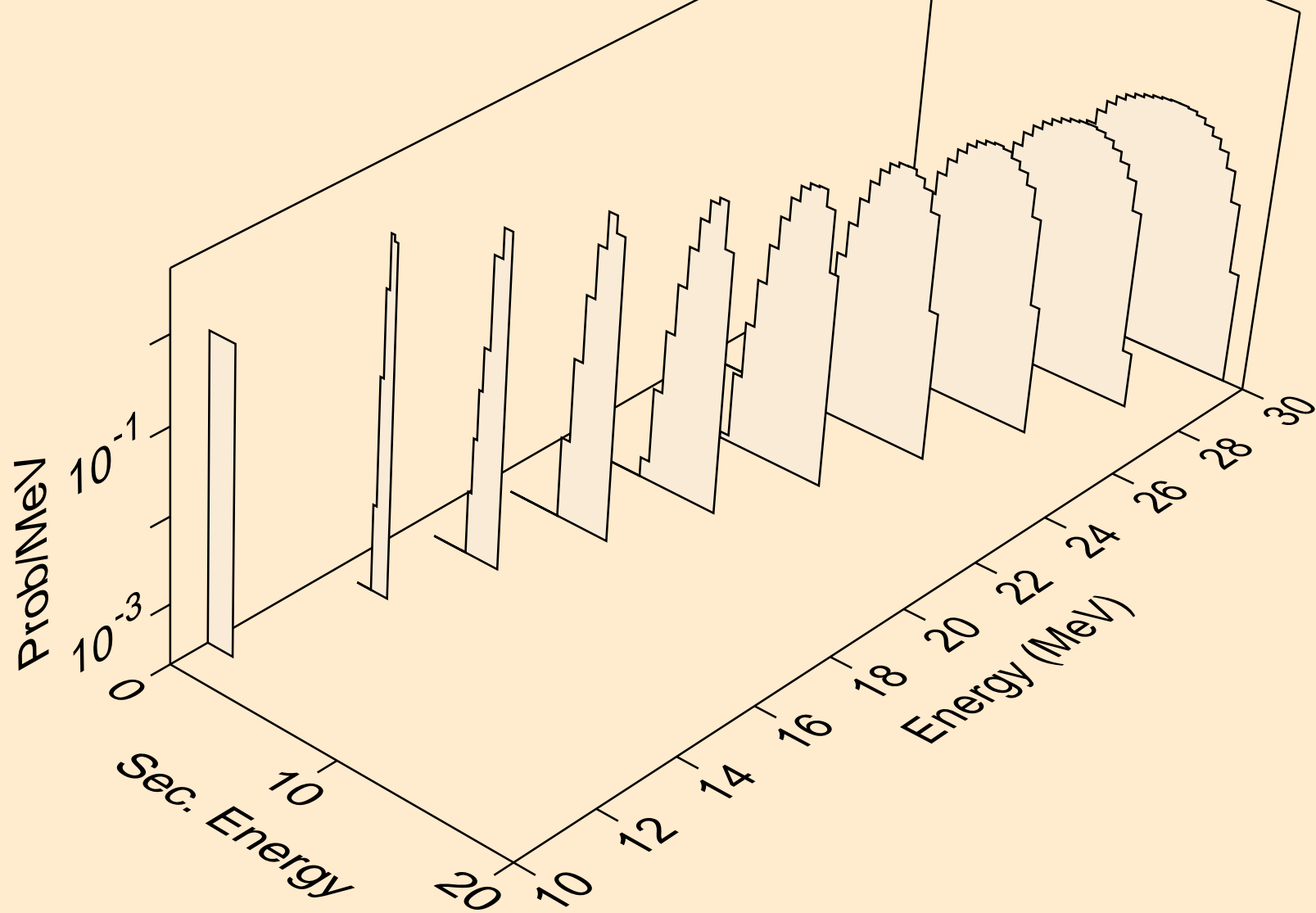
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



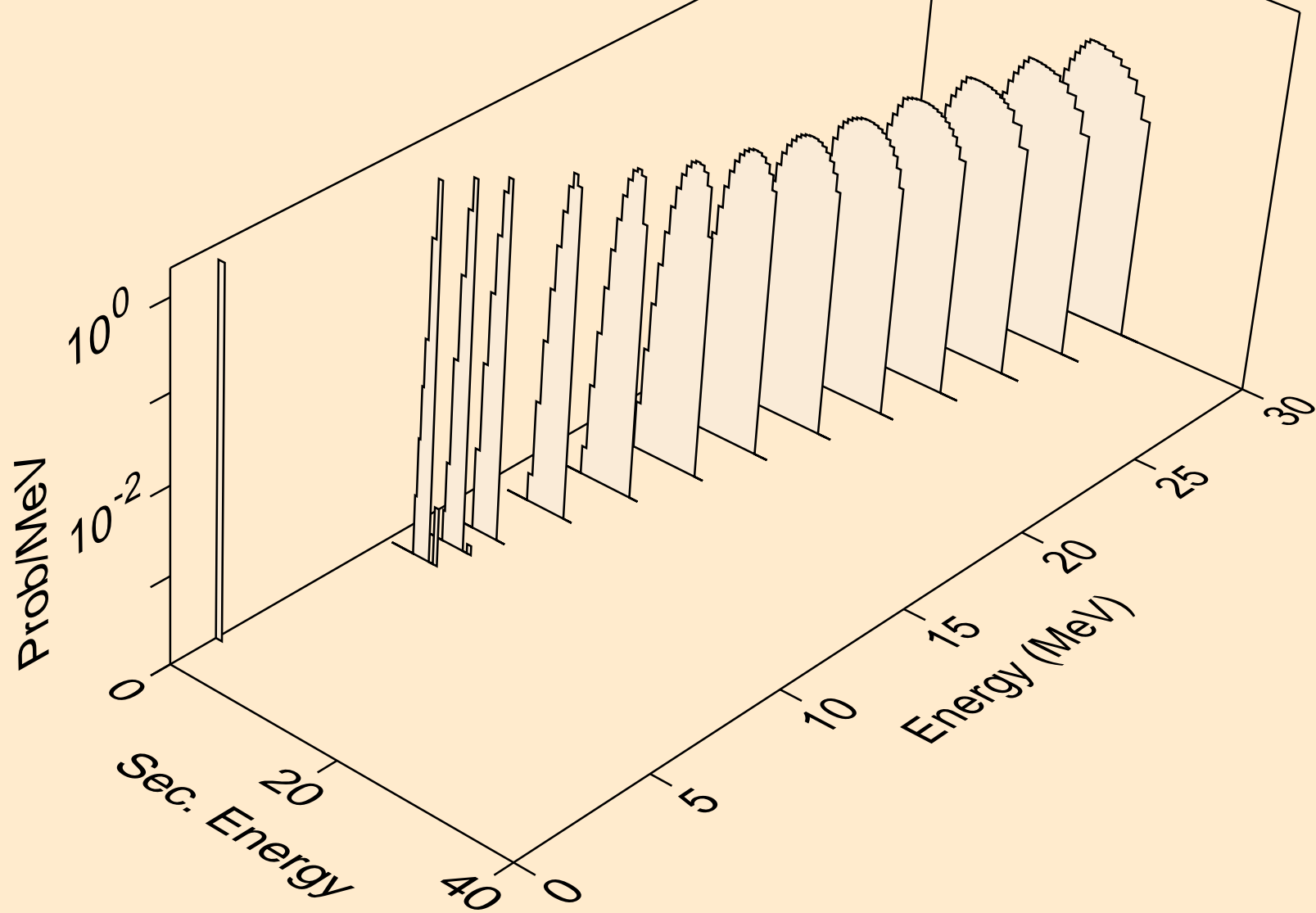
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

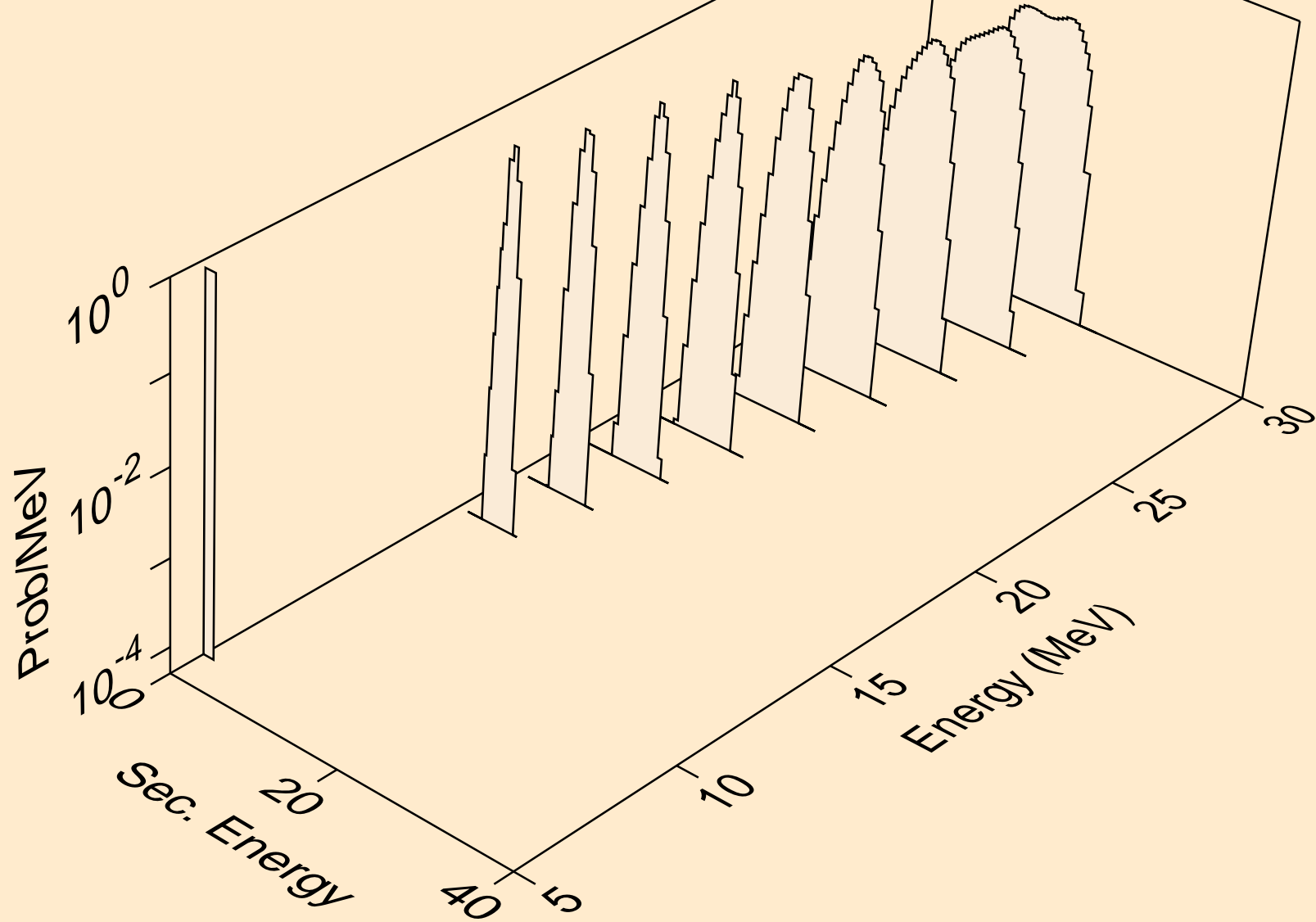


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

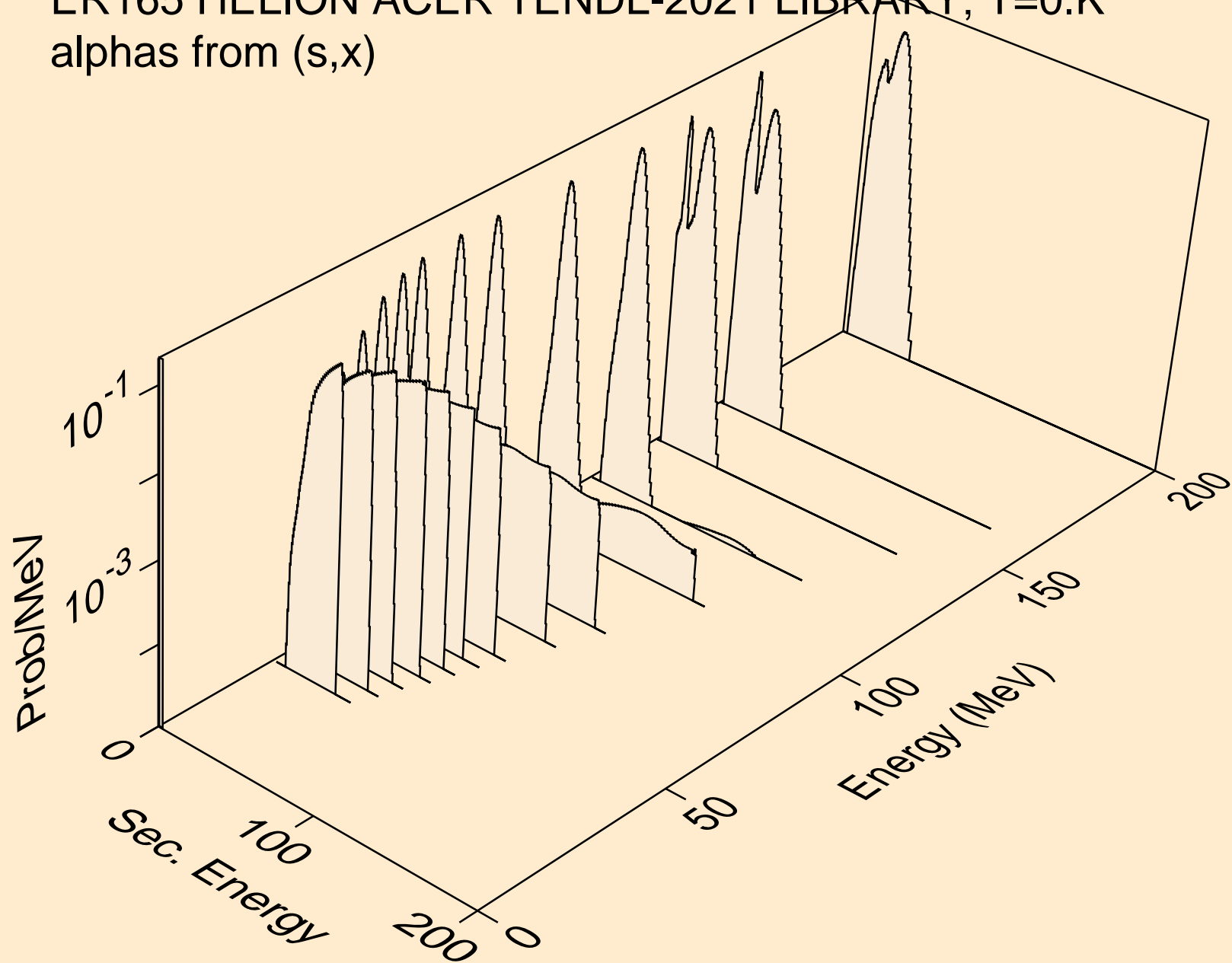




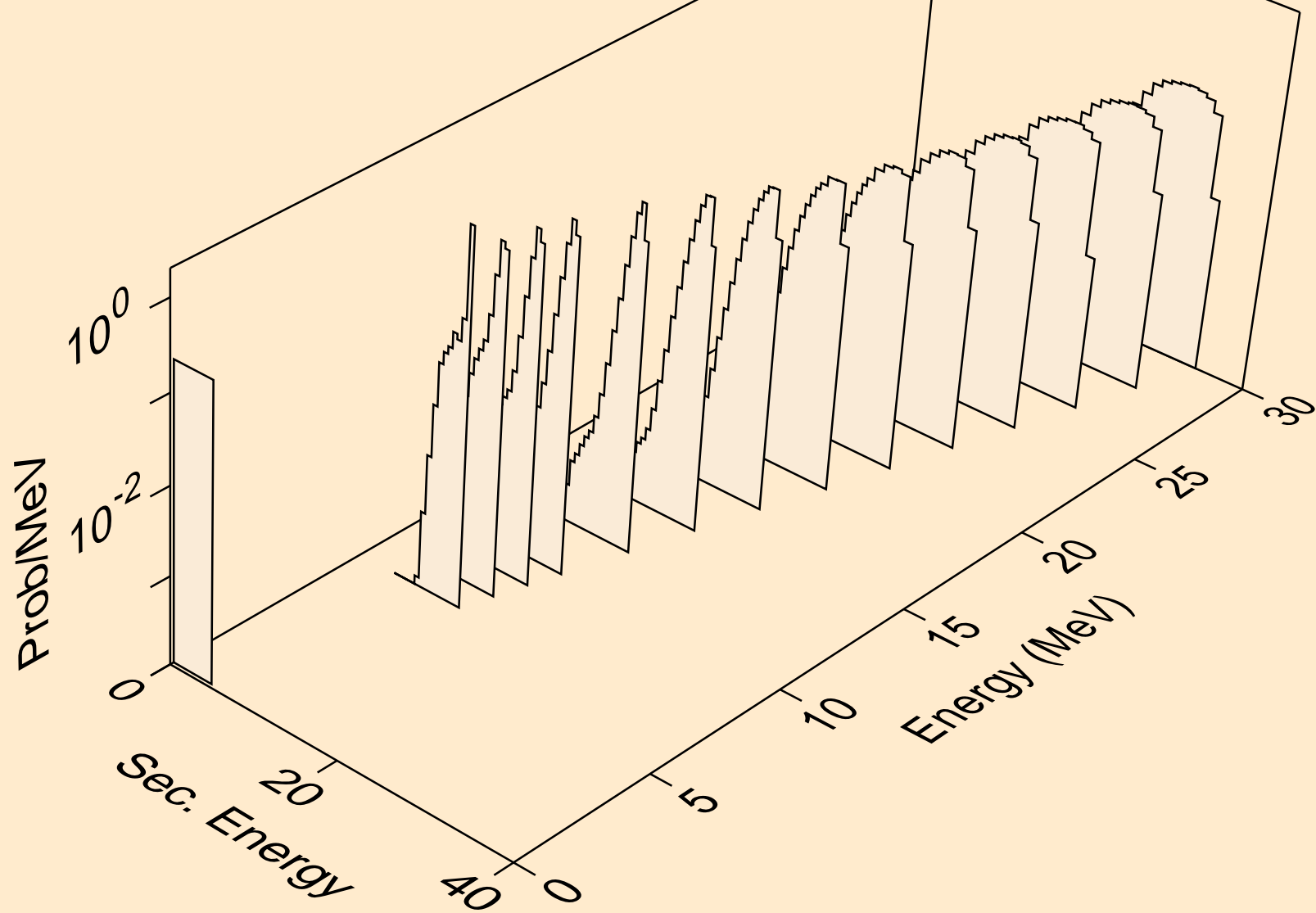
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



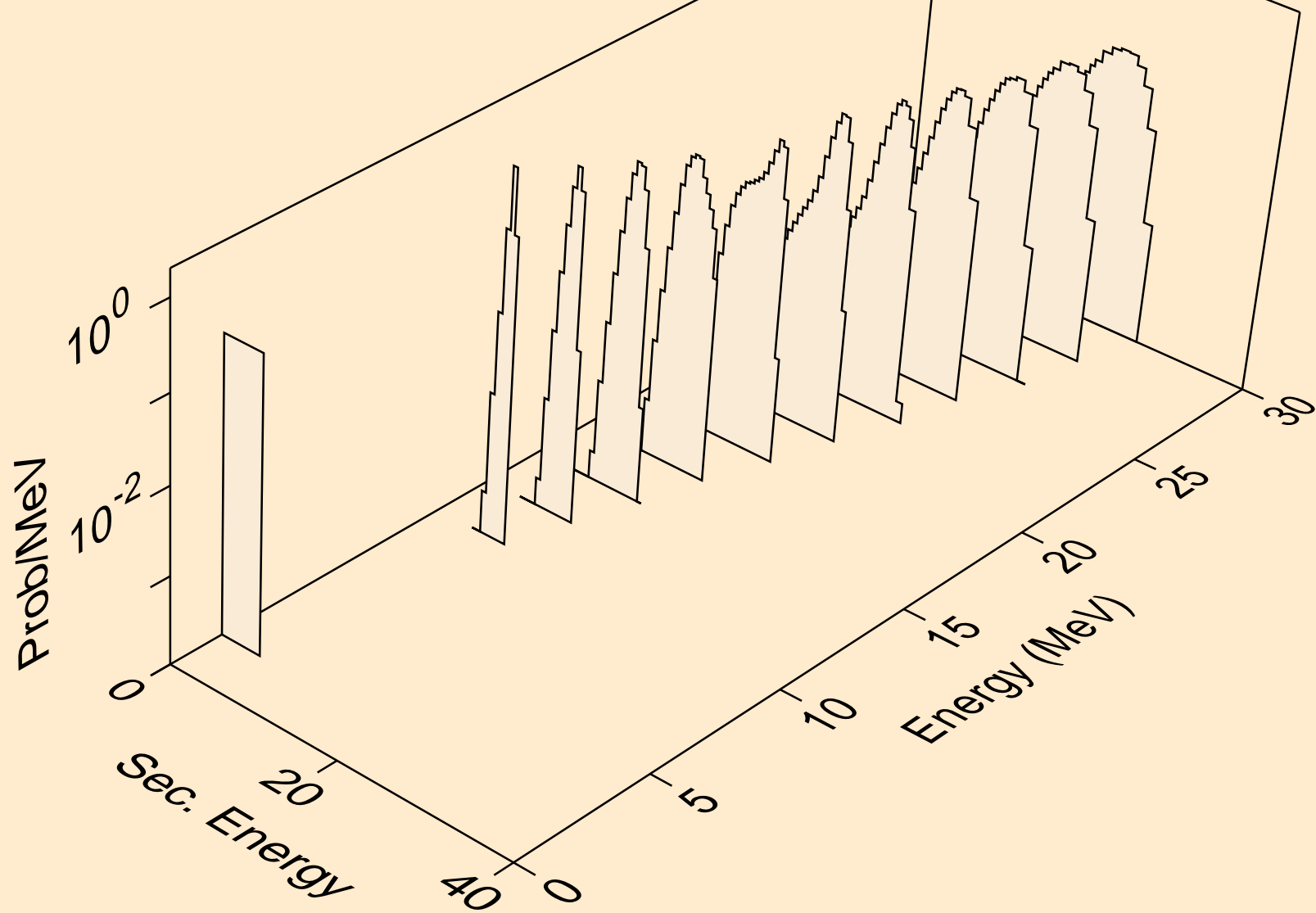
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



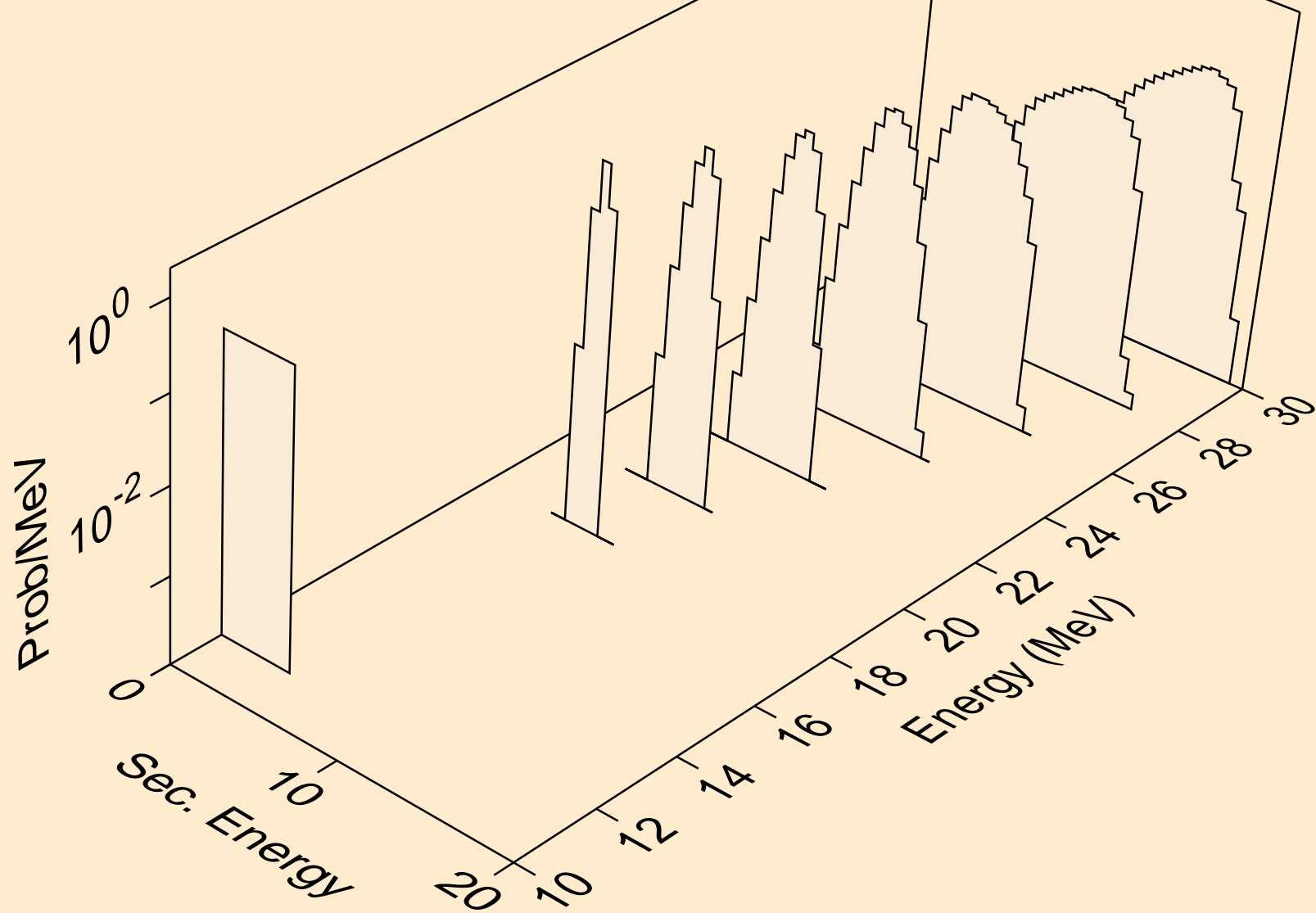
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



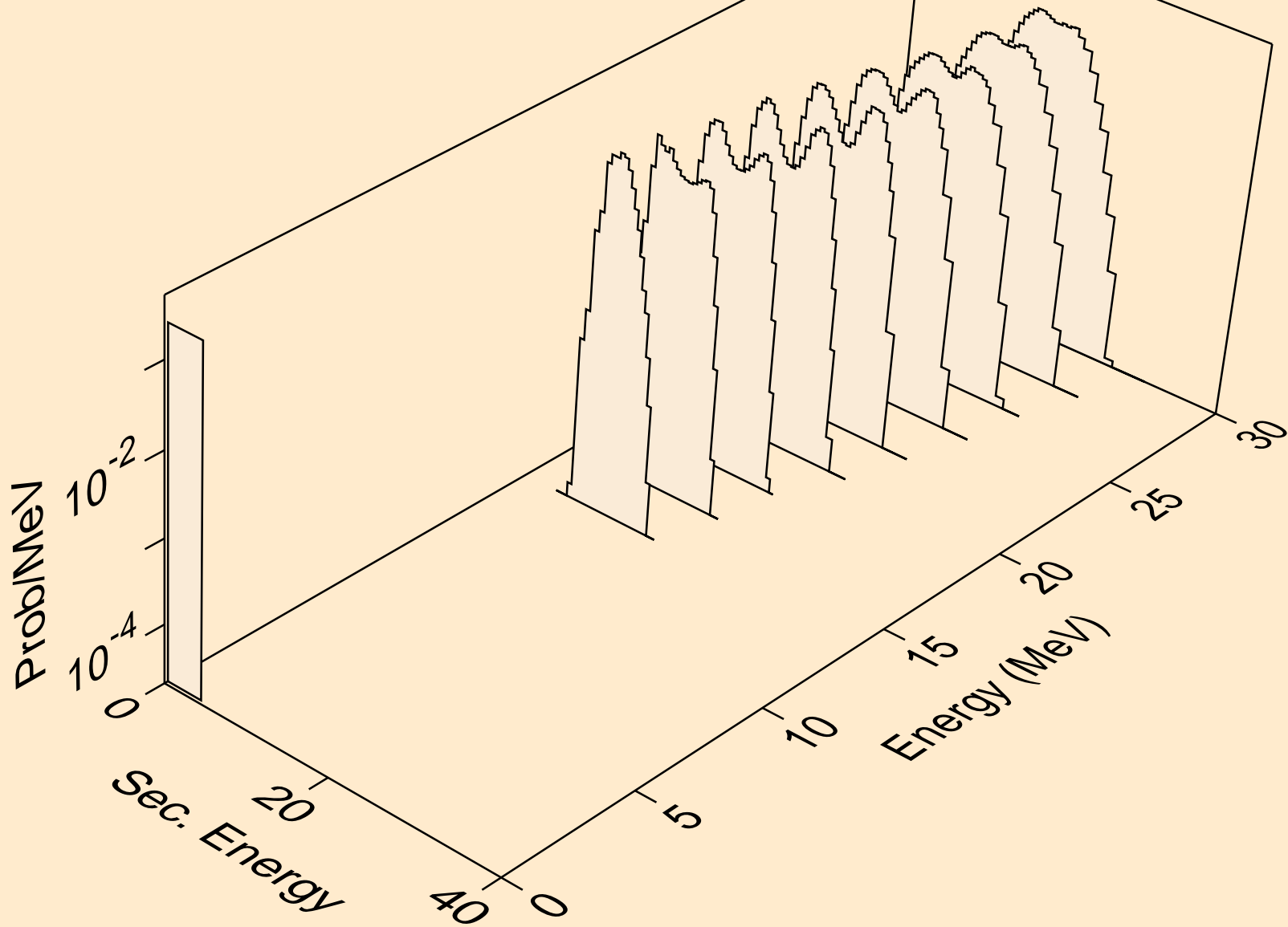
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



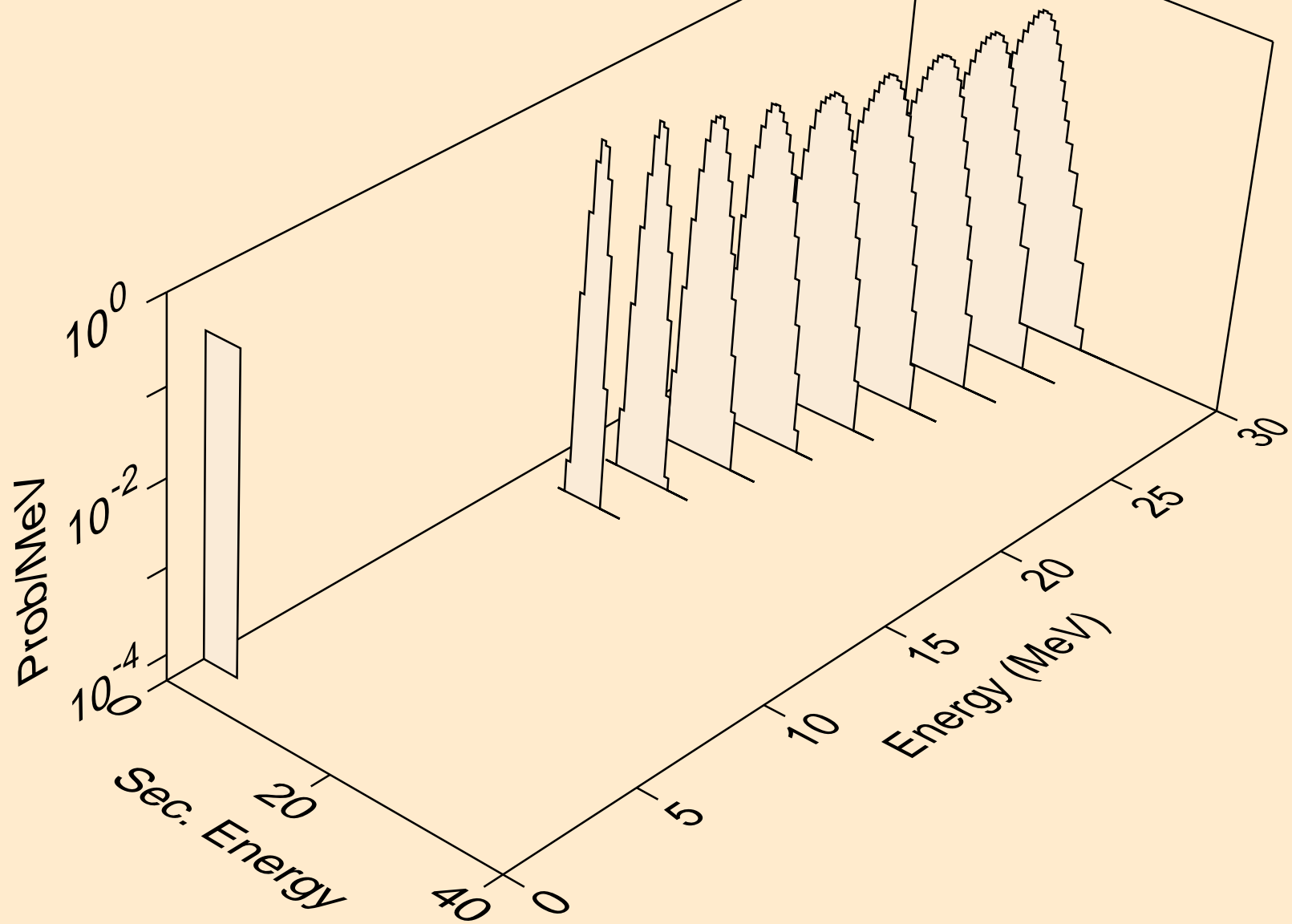
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



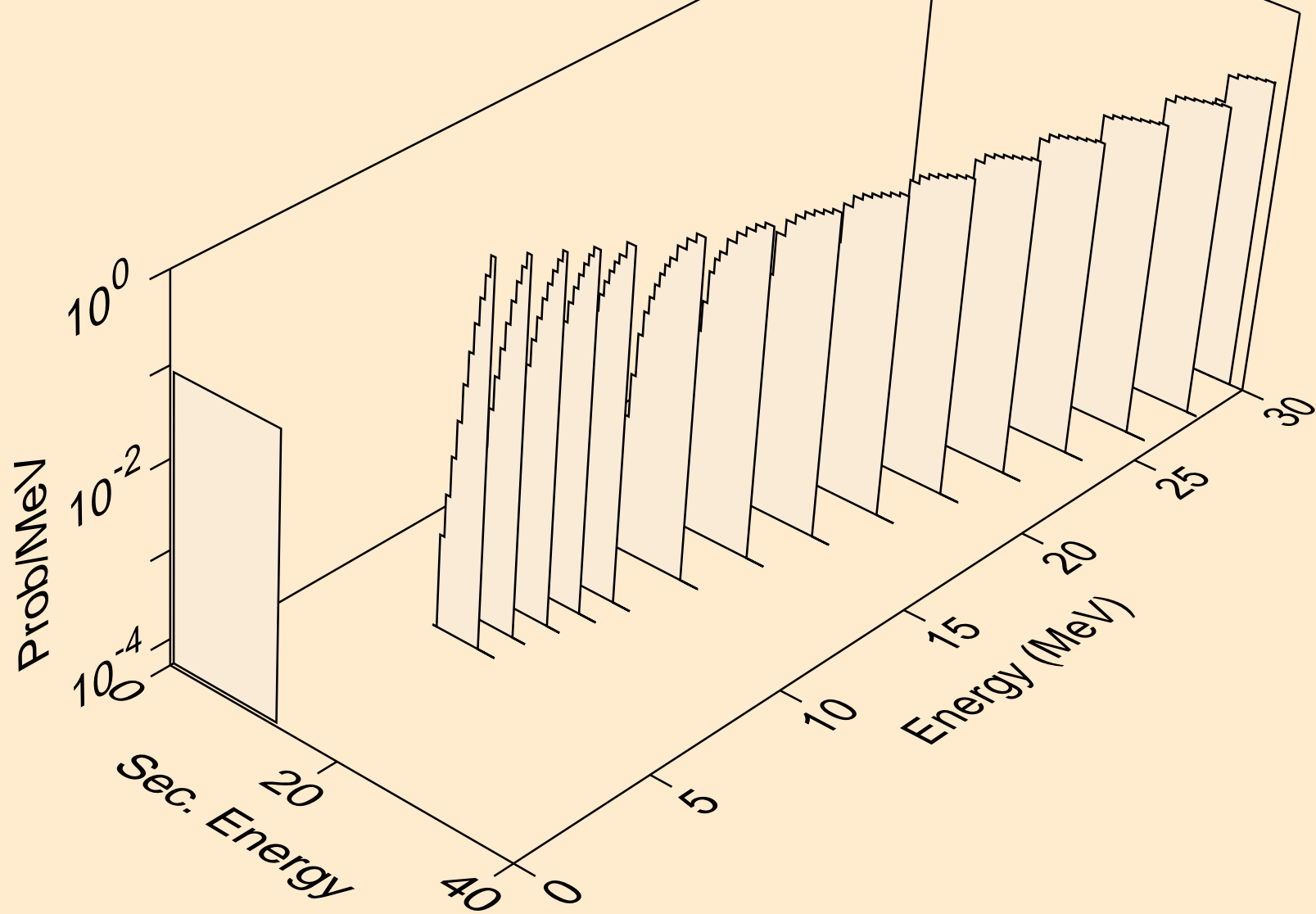
ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

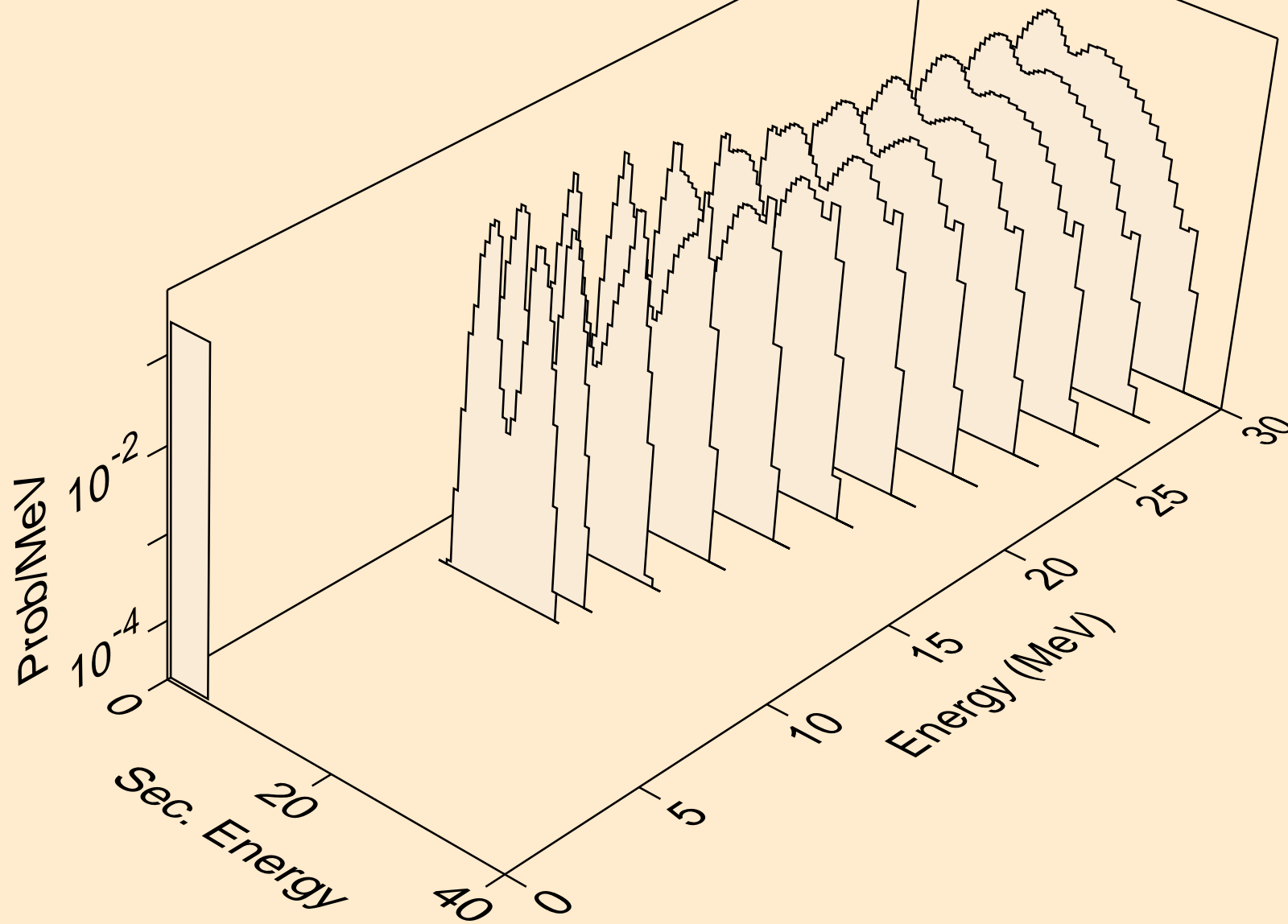


ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

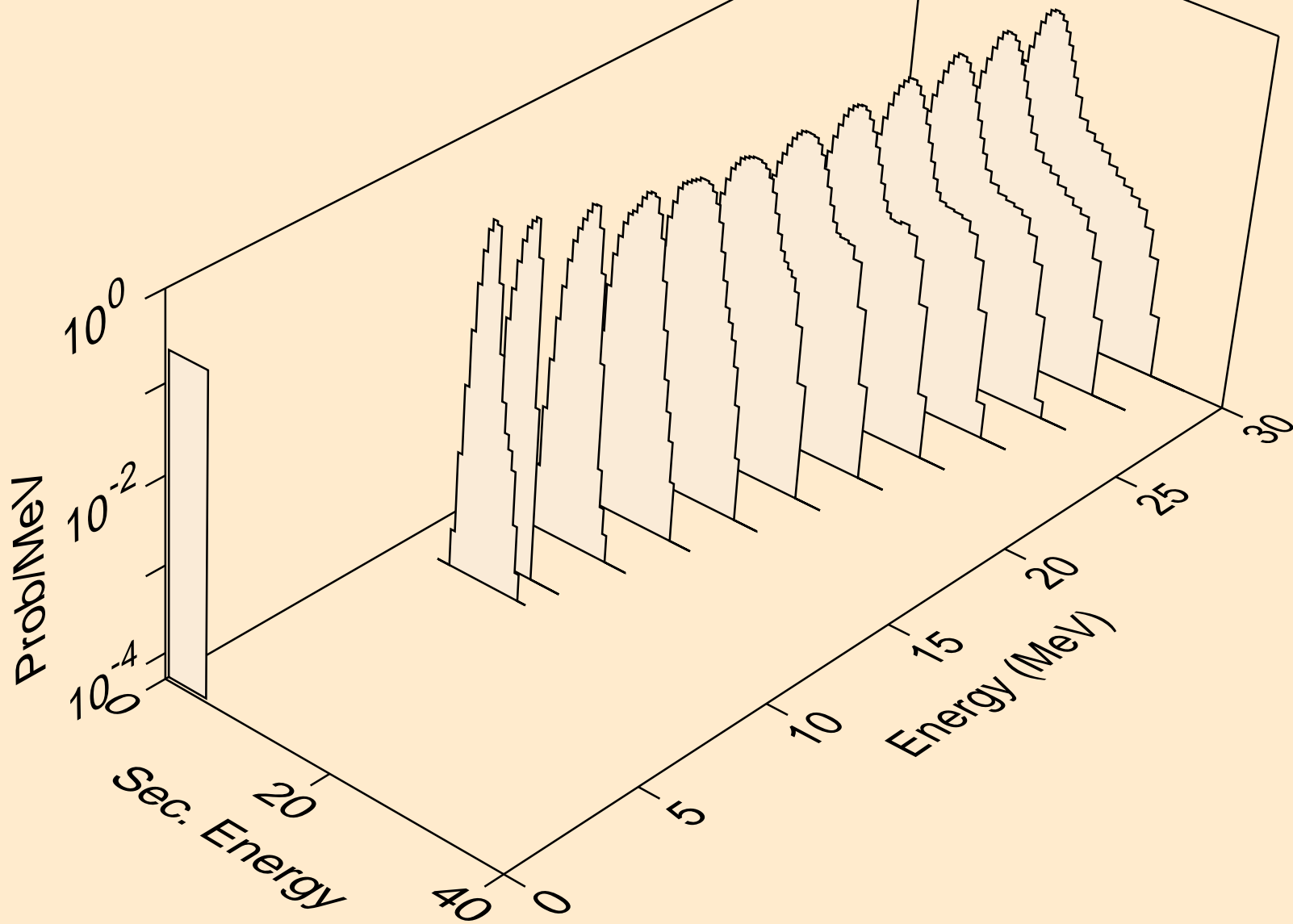




ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



ER165 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

