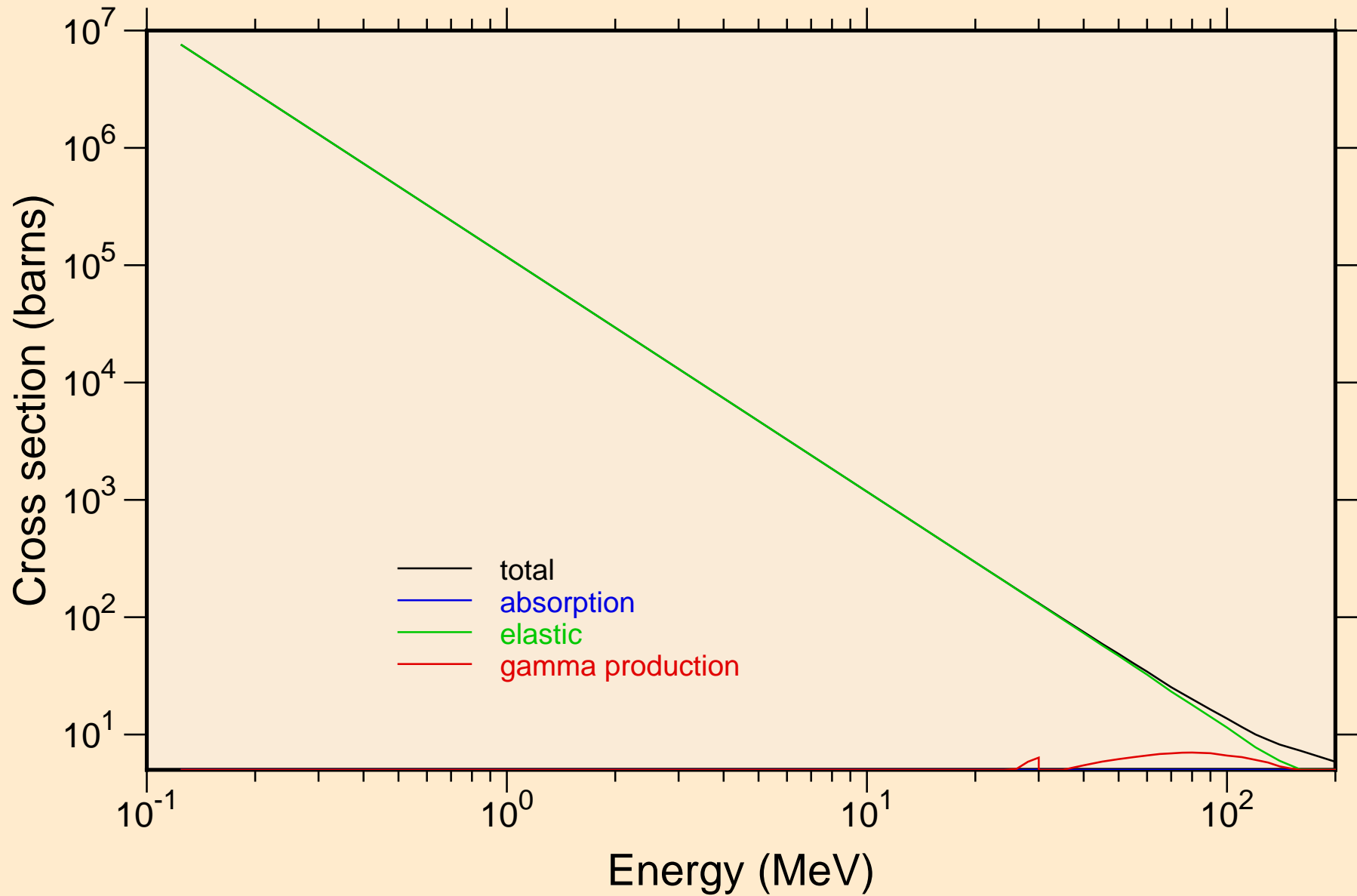


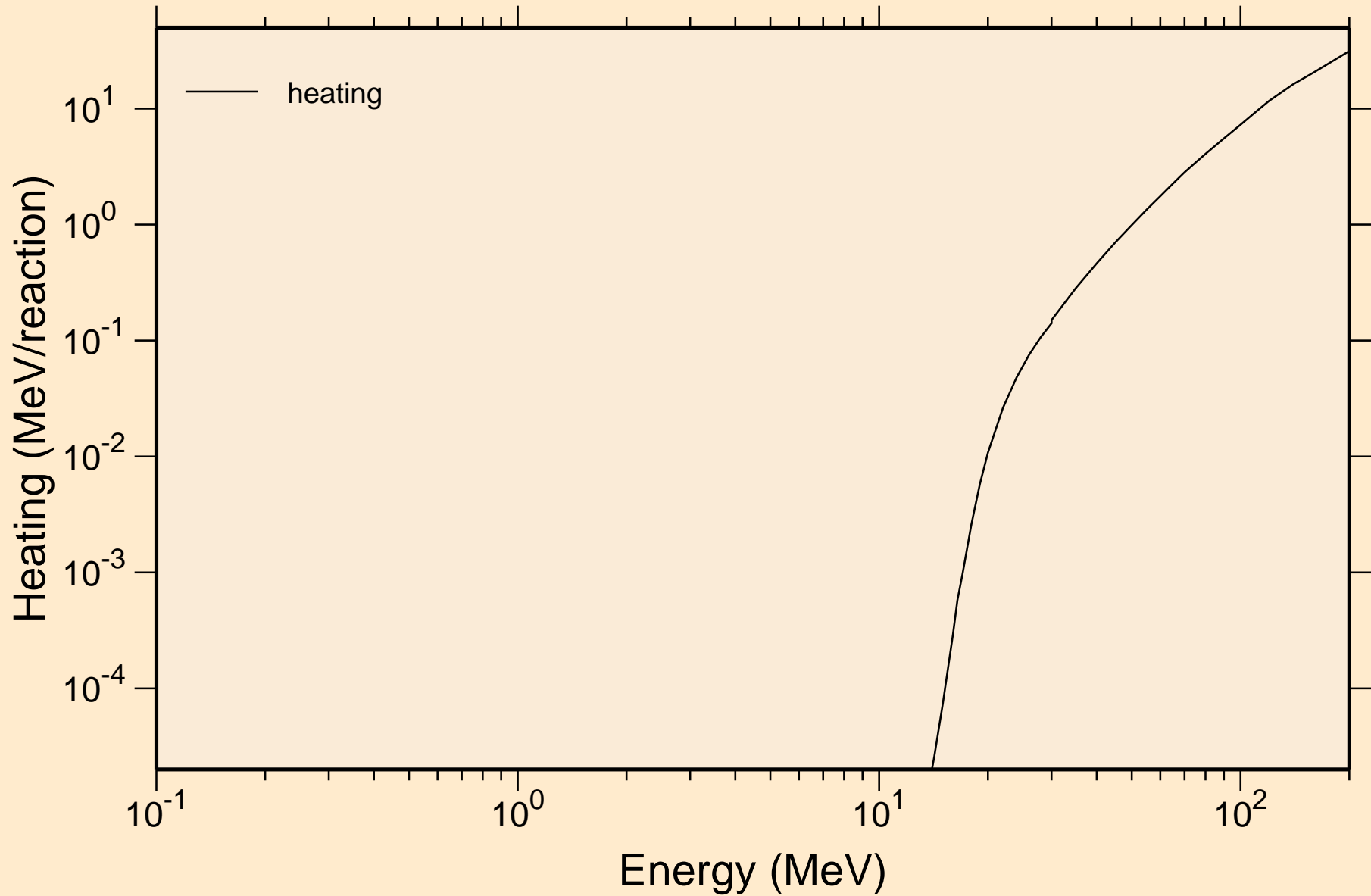
# ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



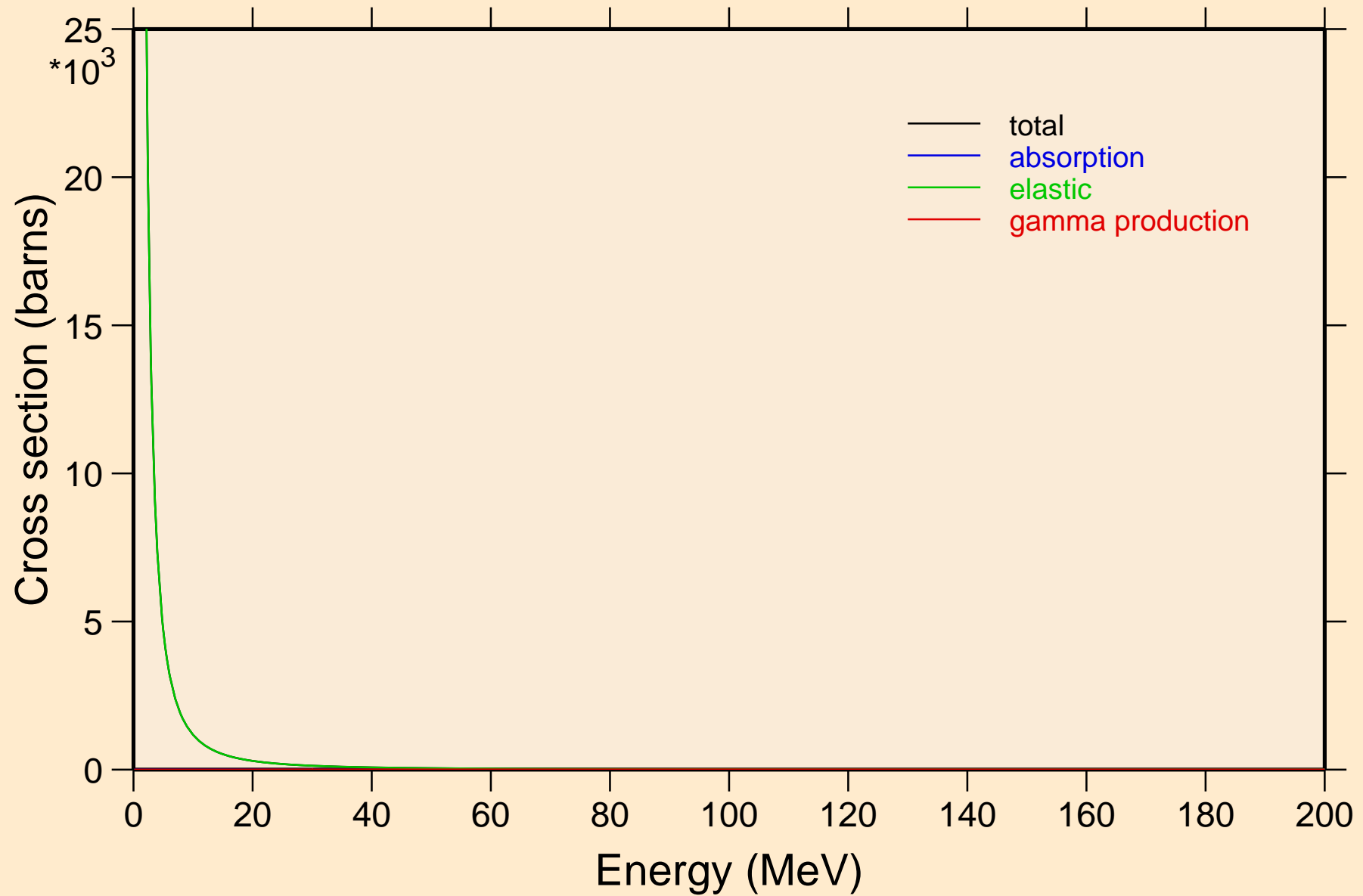
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



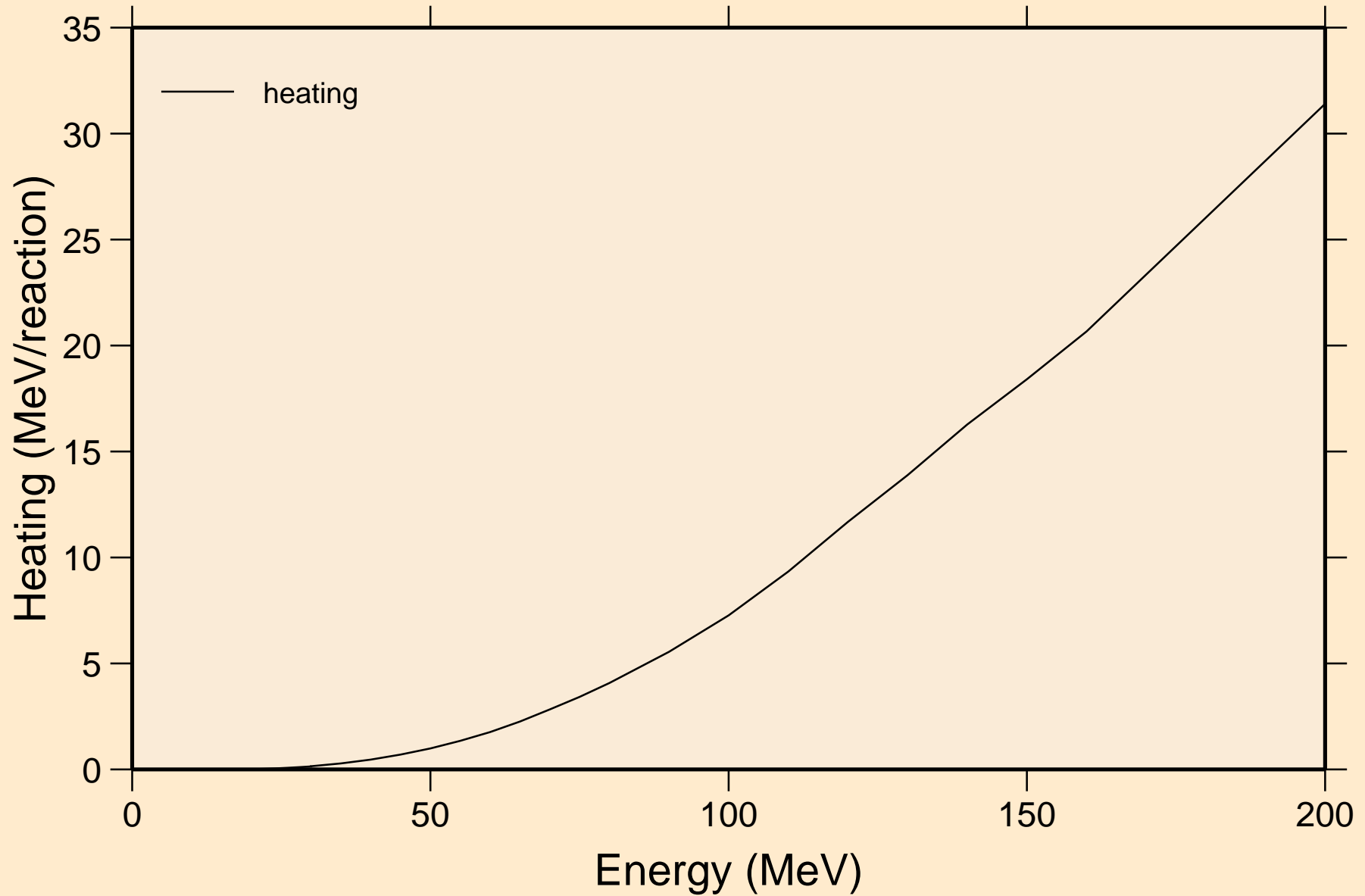
# ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

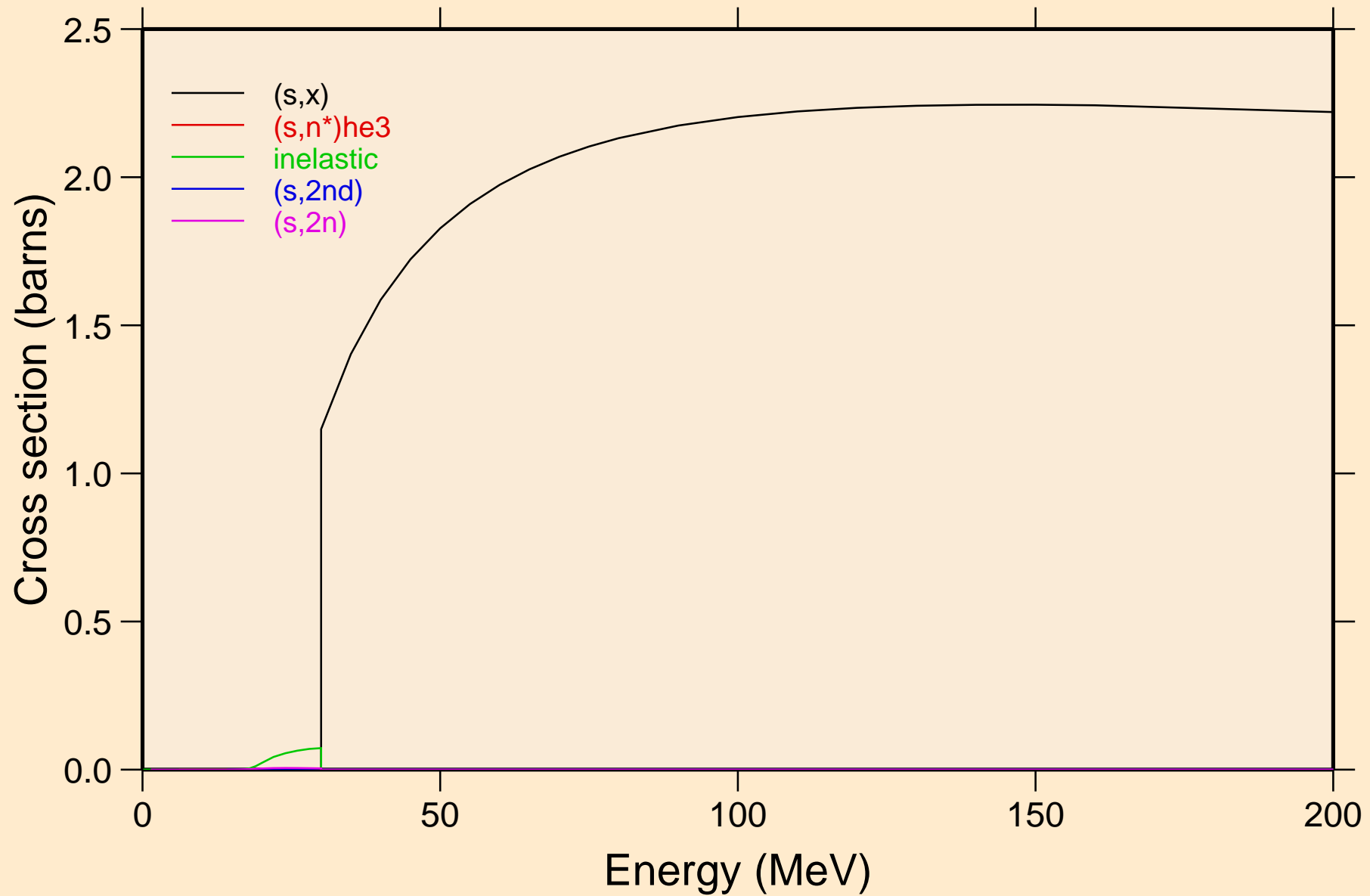


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K

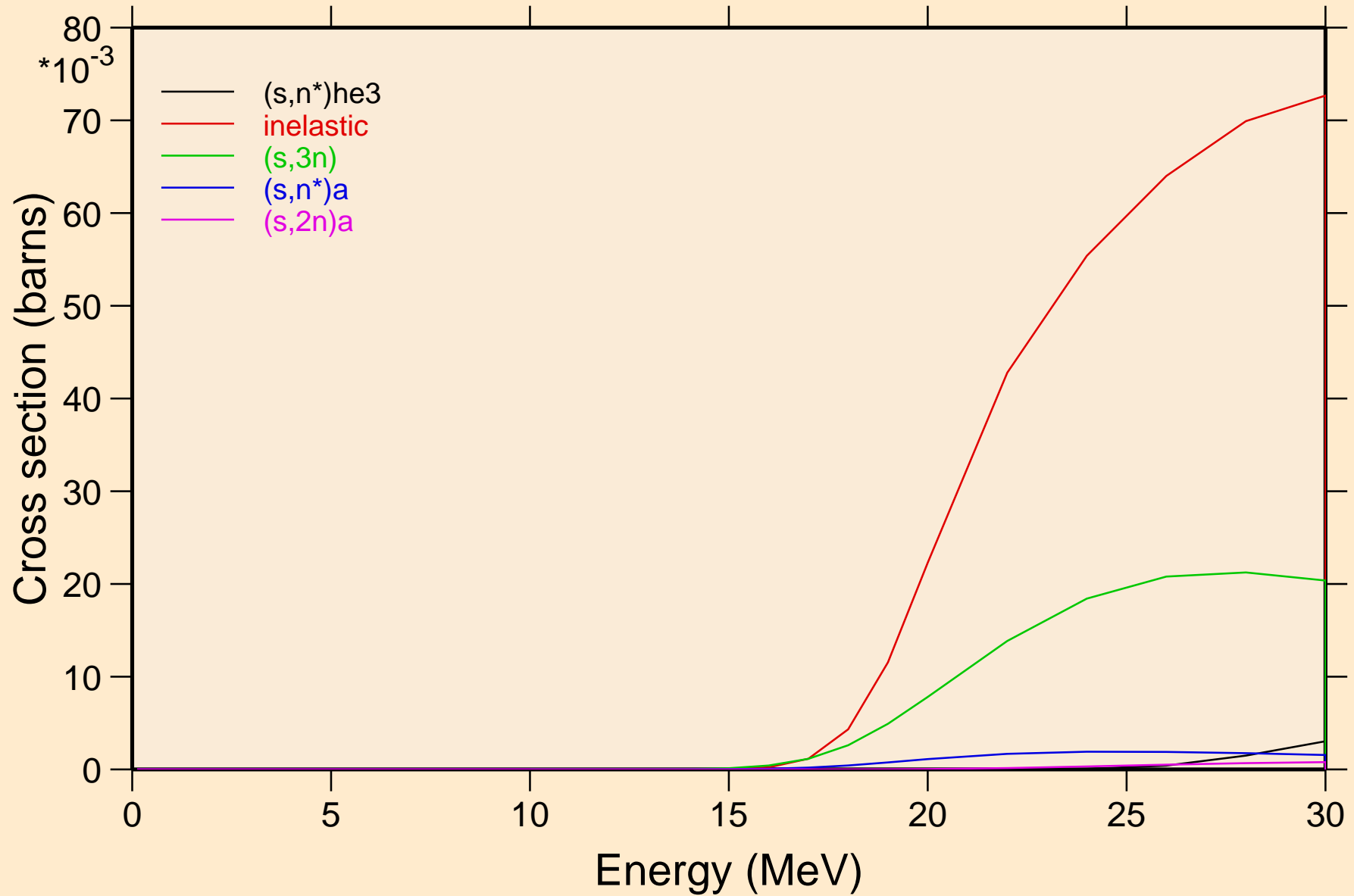
Heating



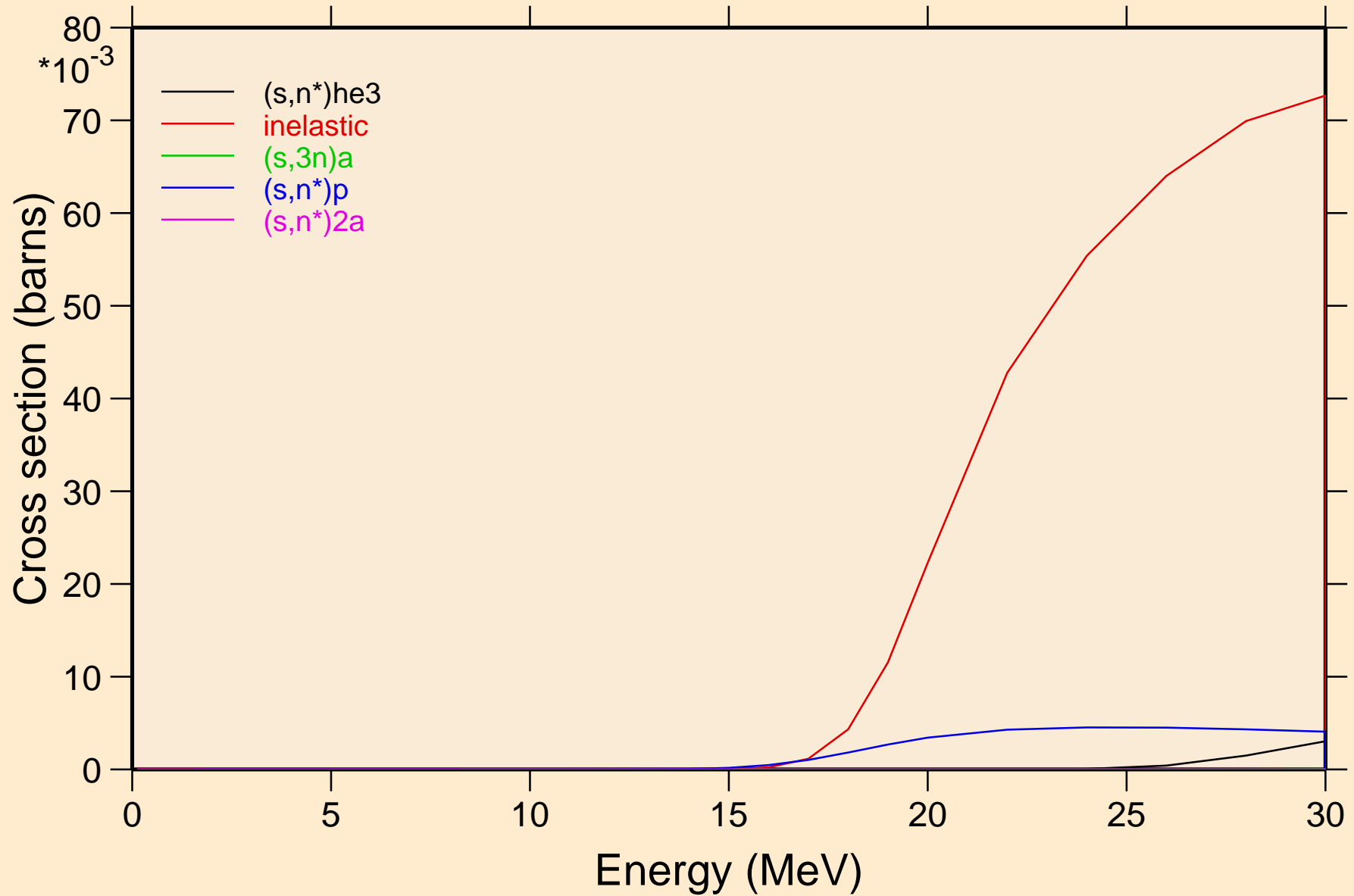
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



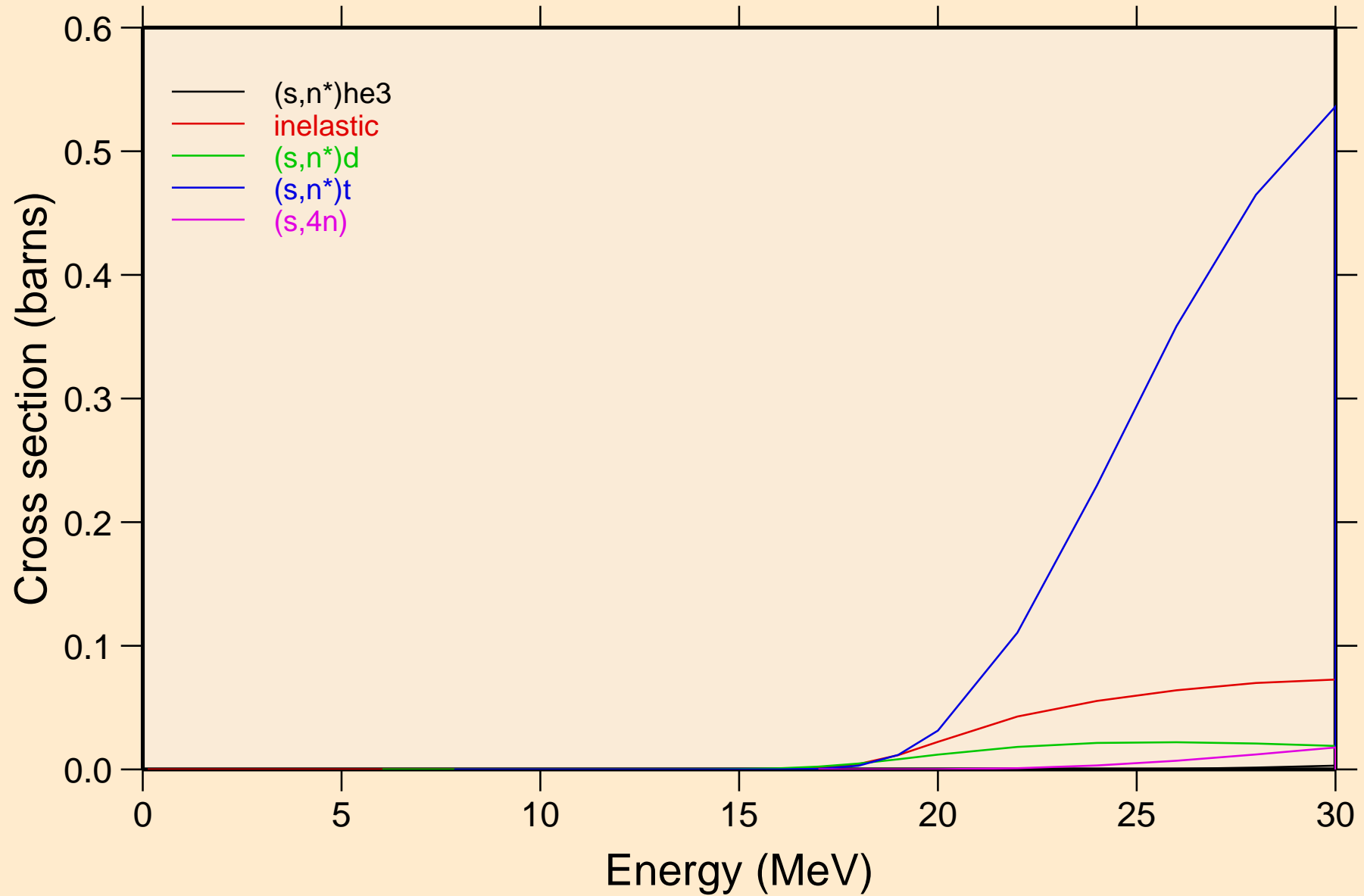
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

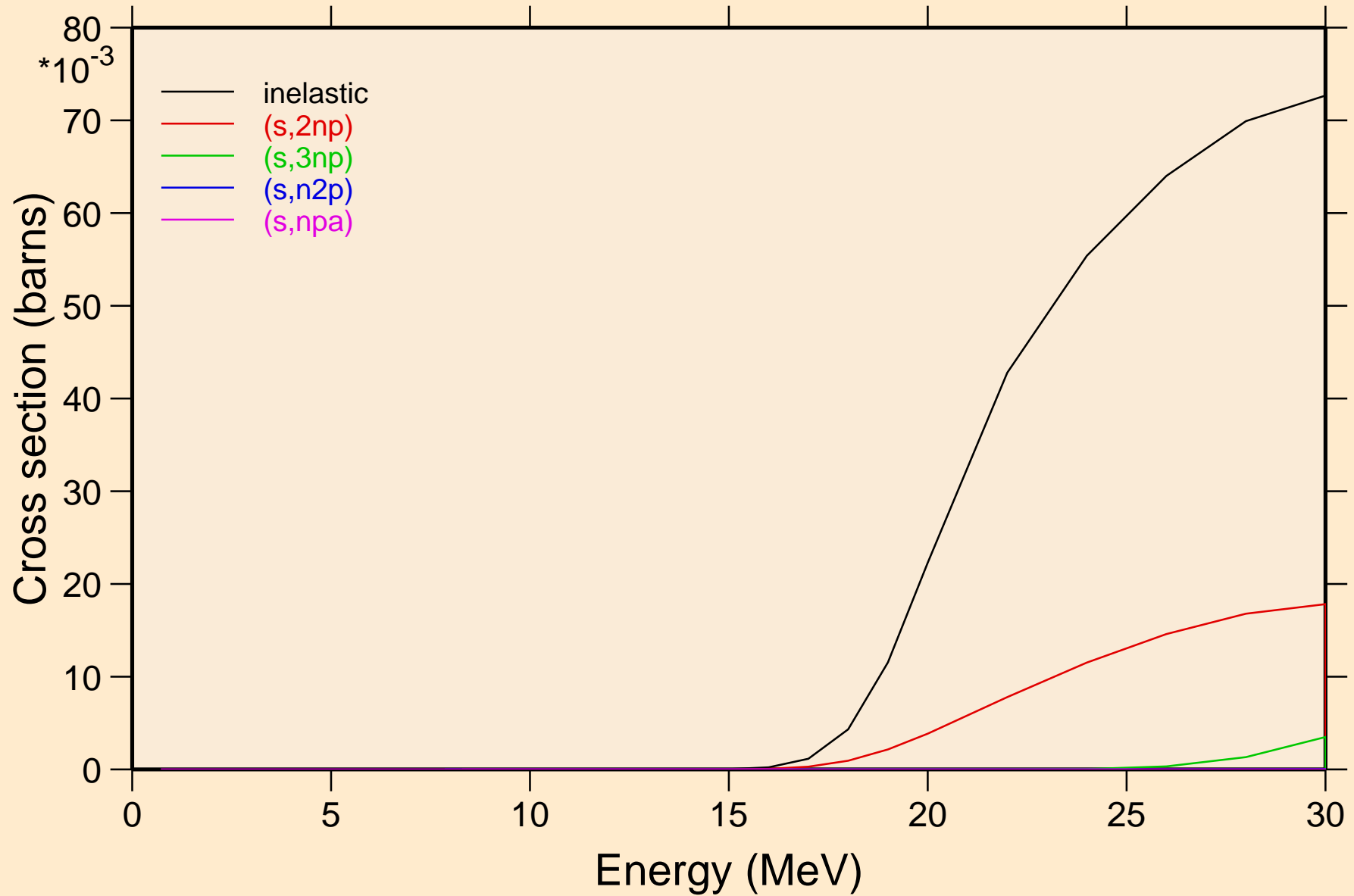


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

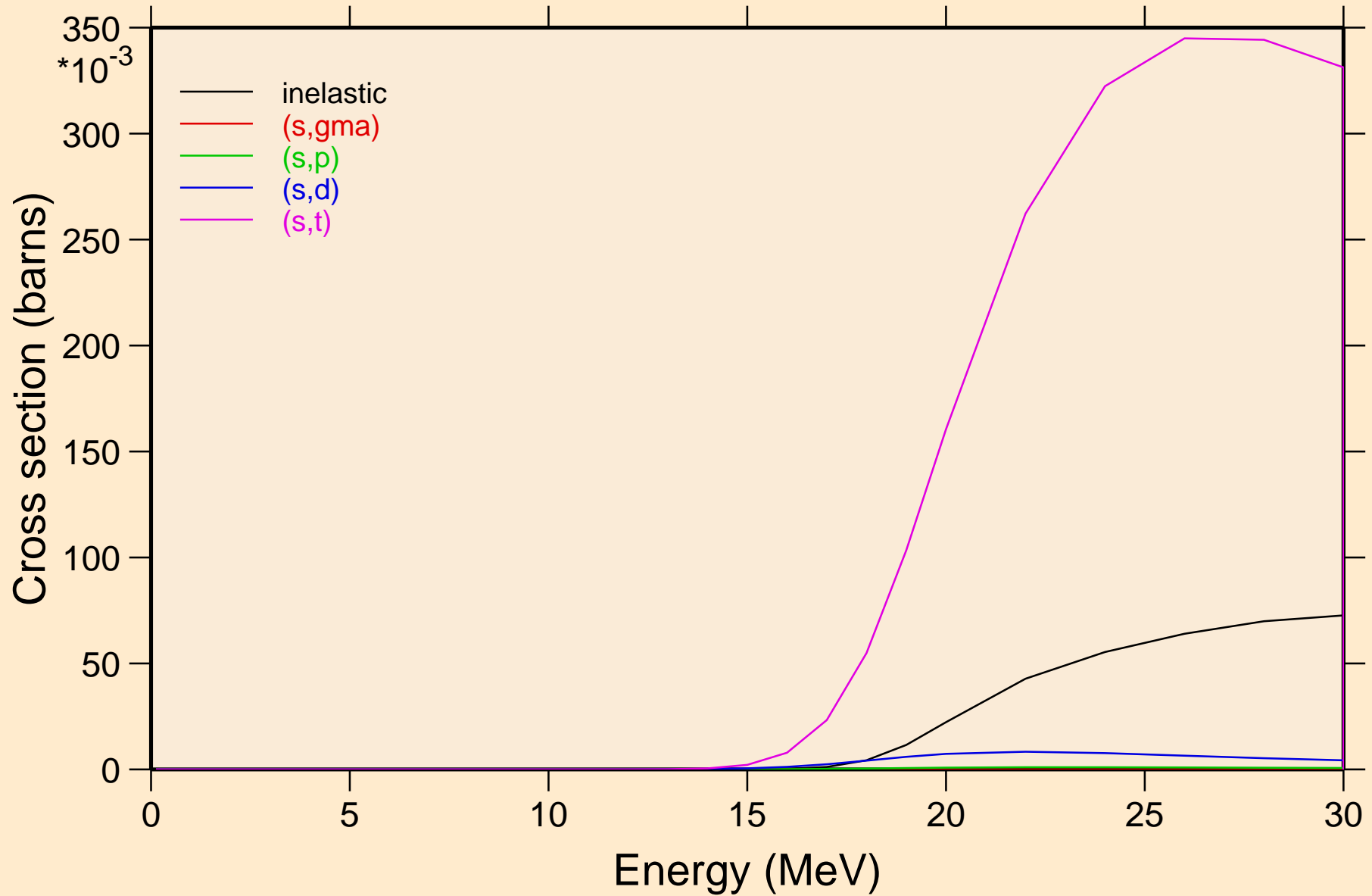




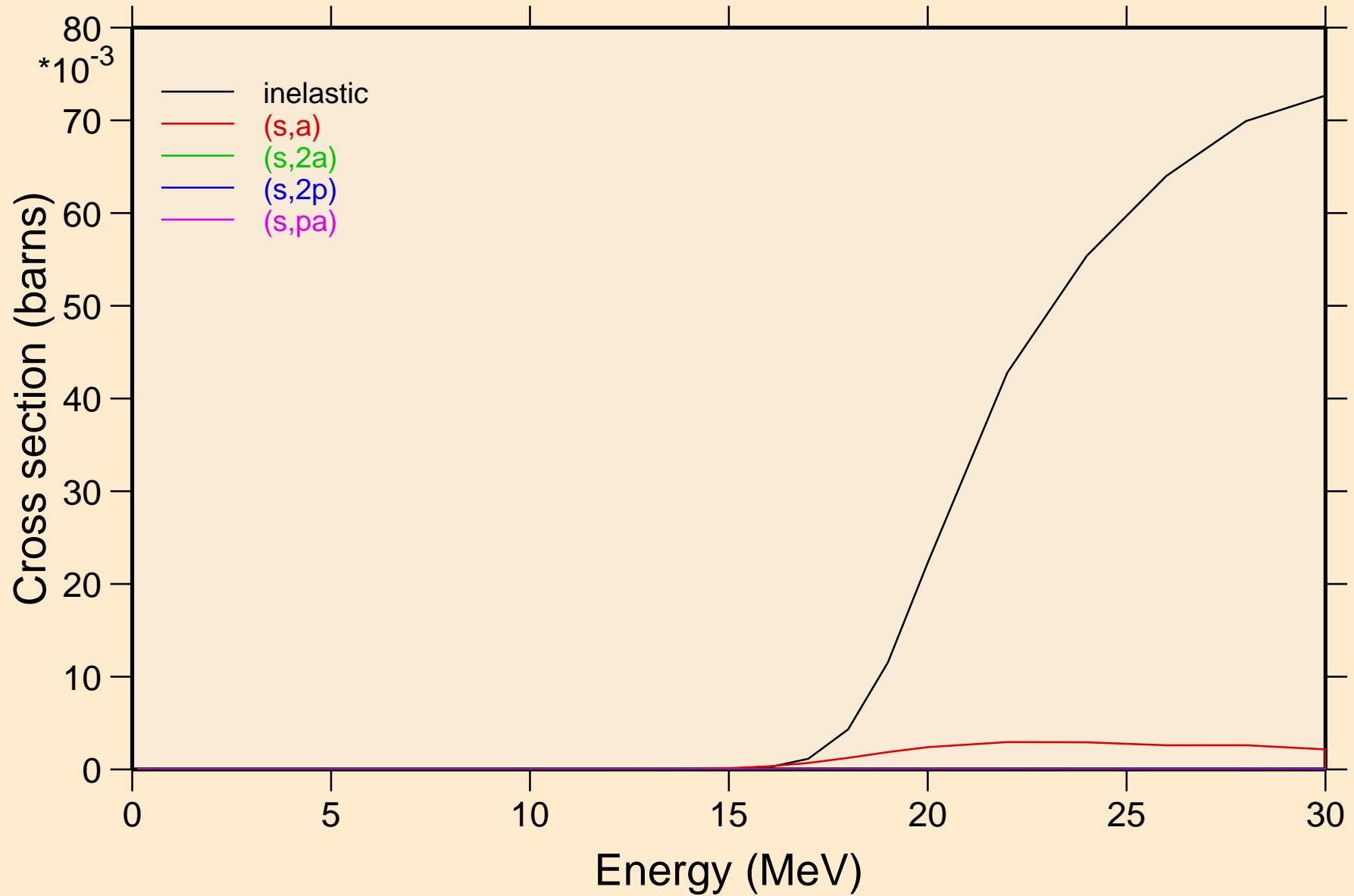
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Threshold reactions



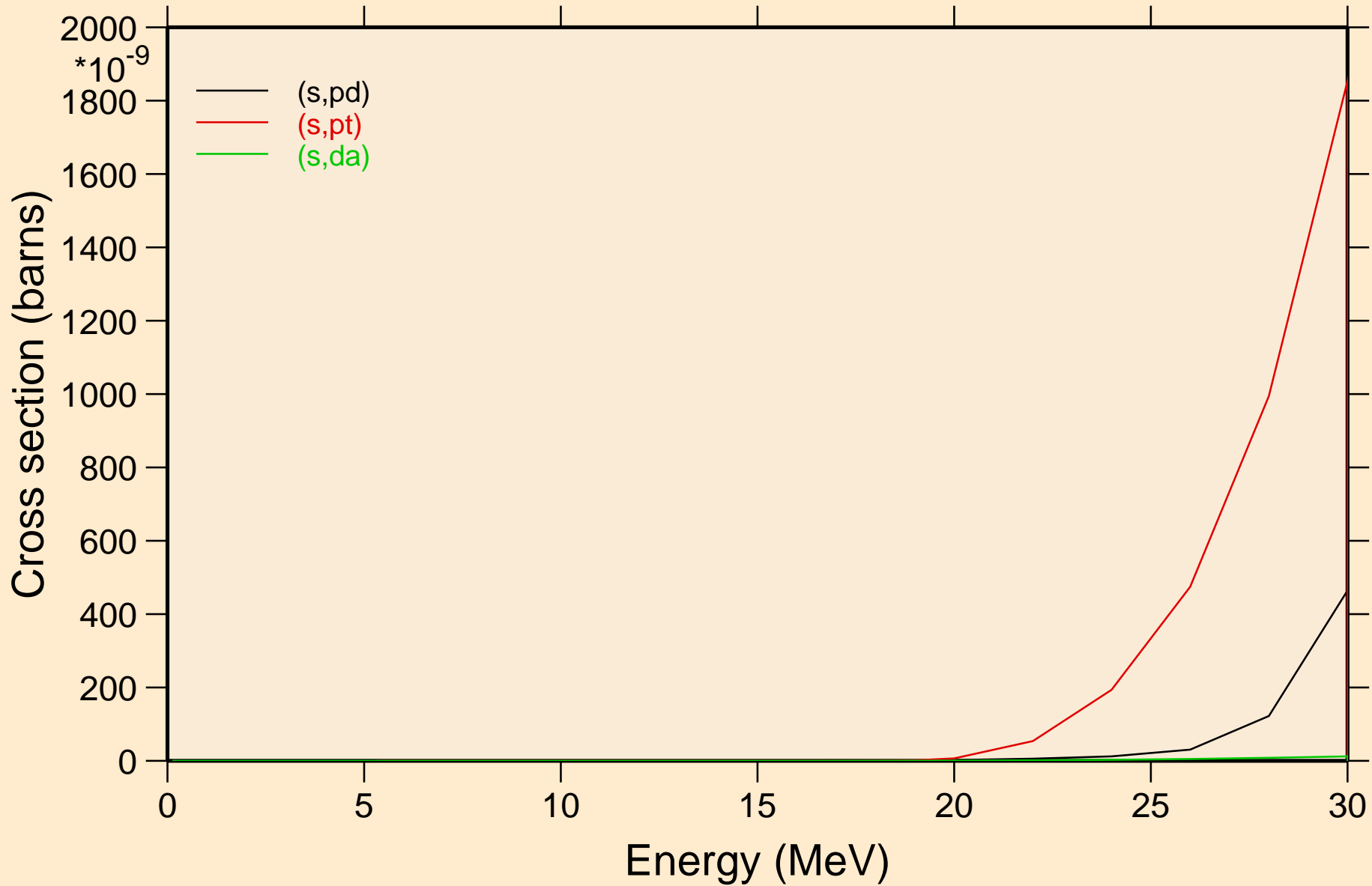
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



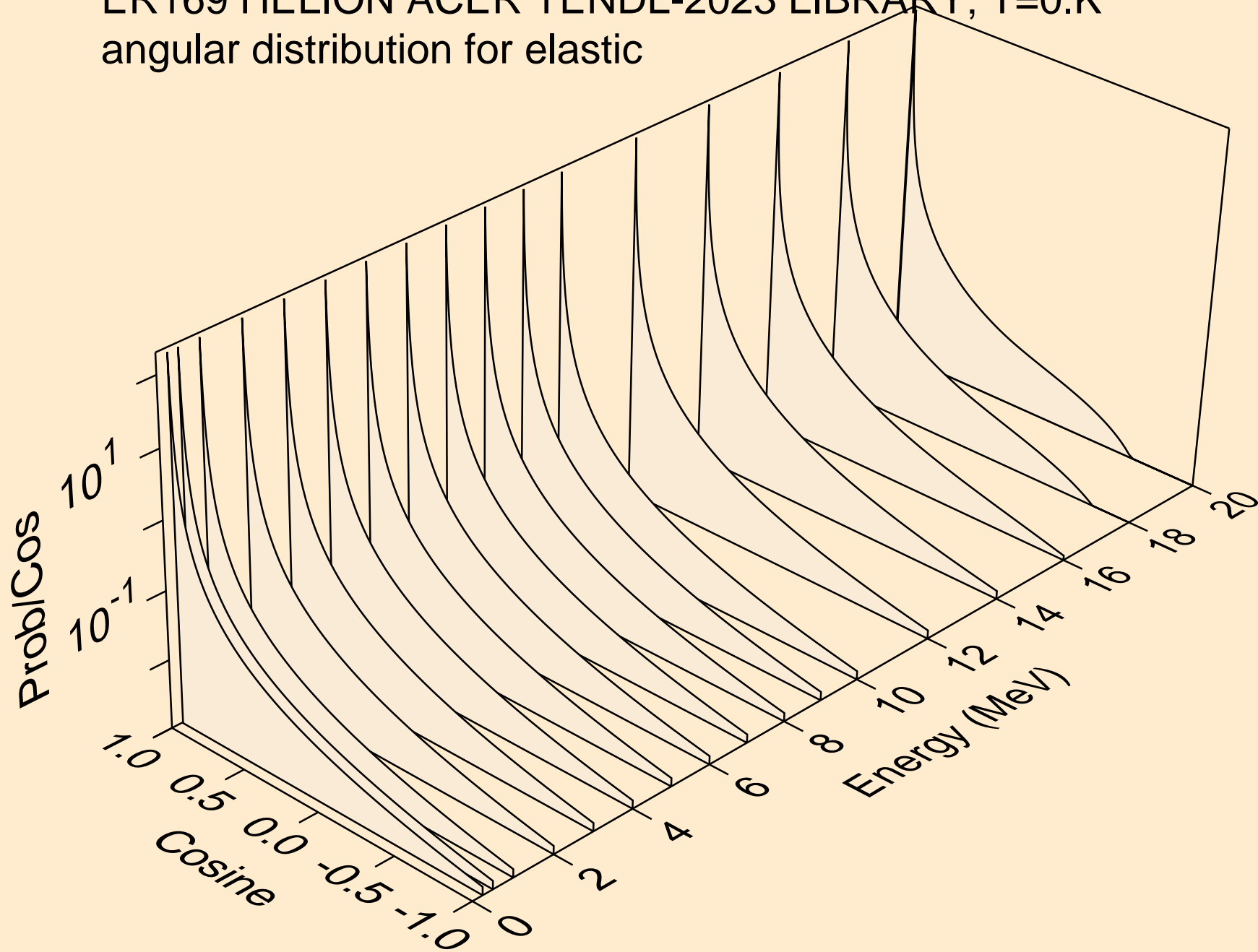
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



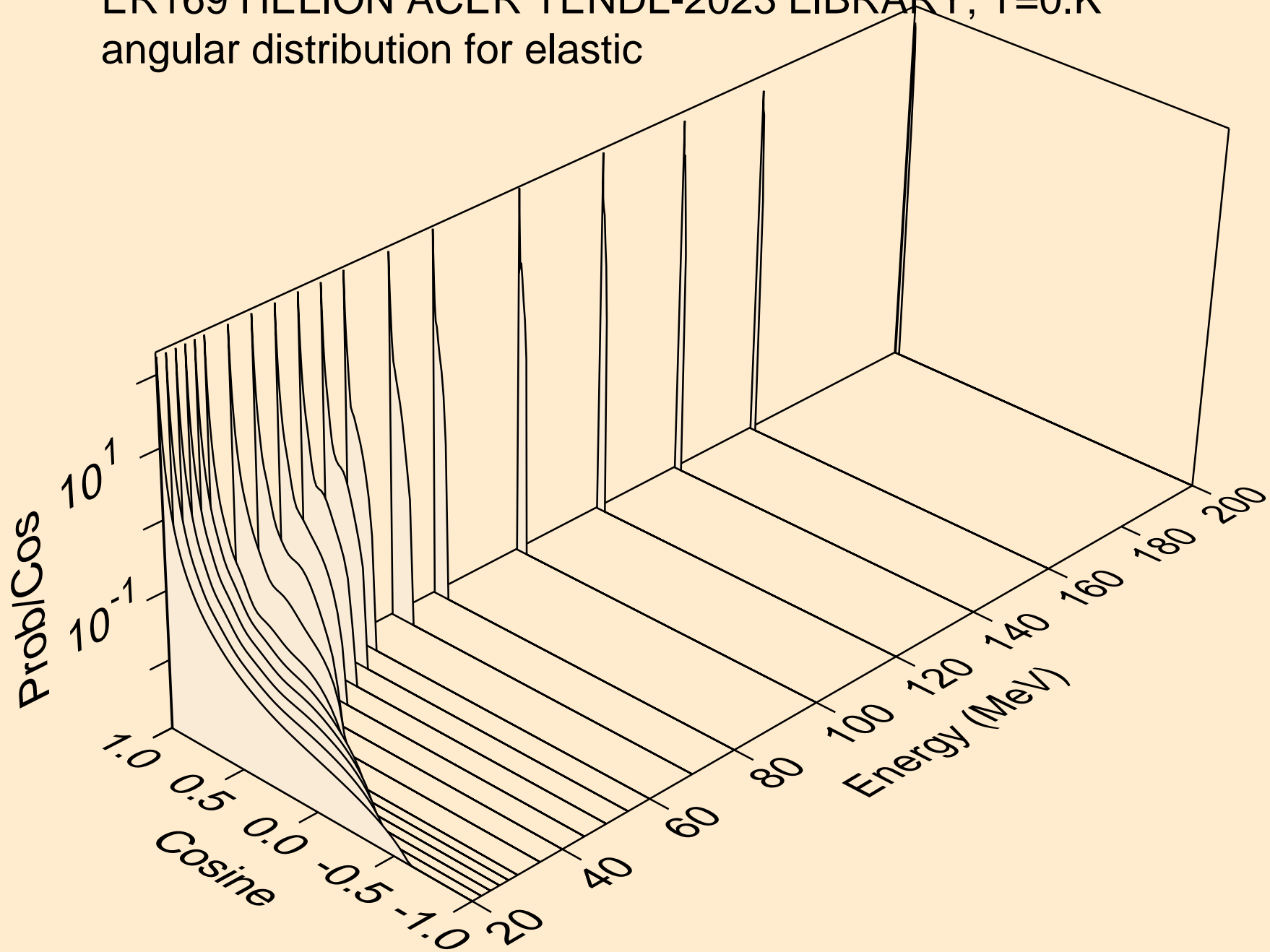
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



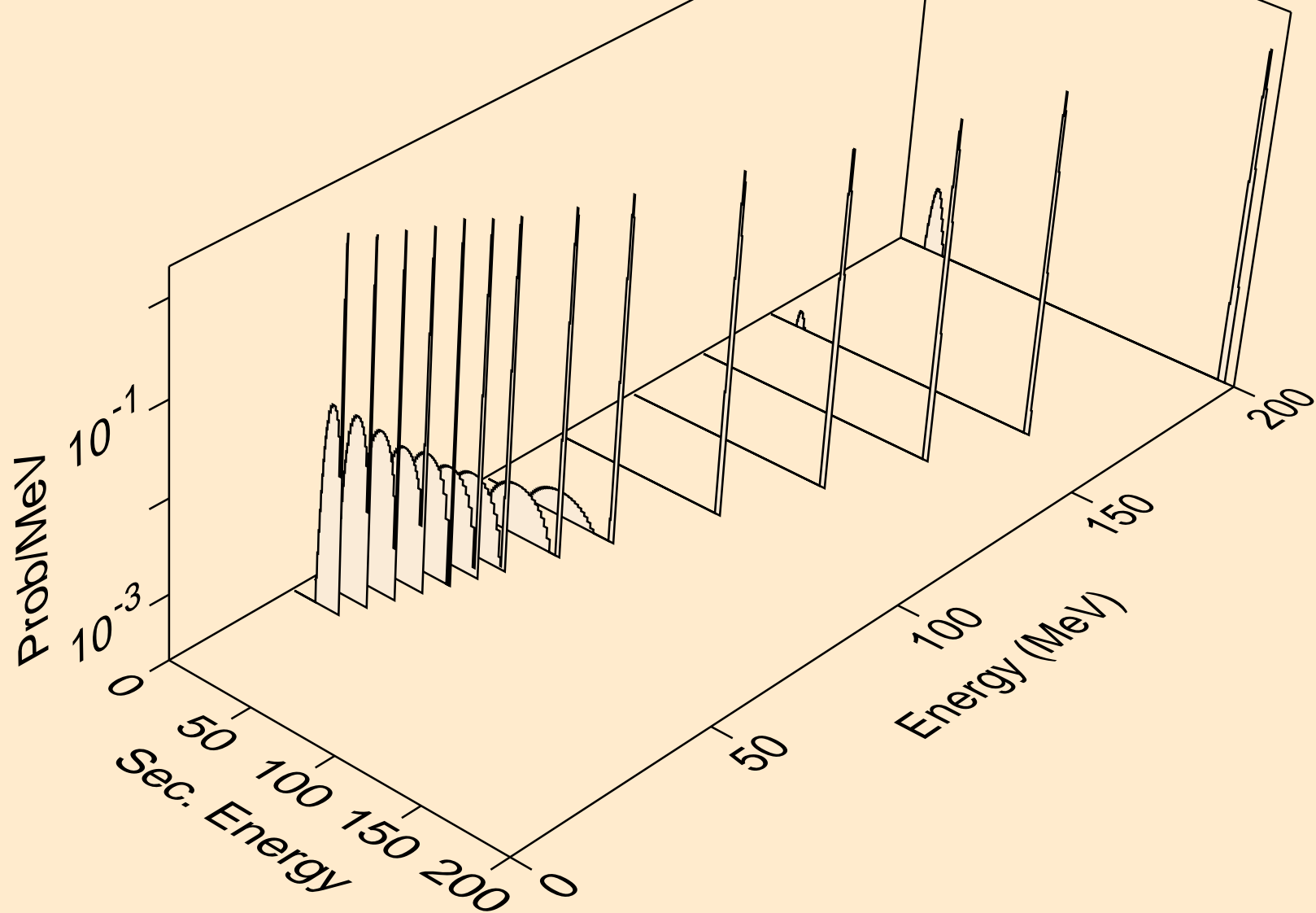
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



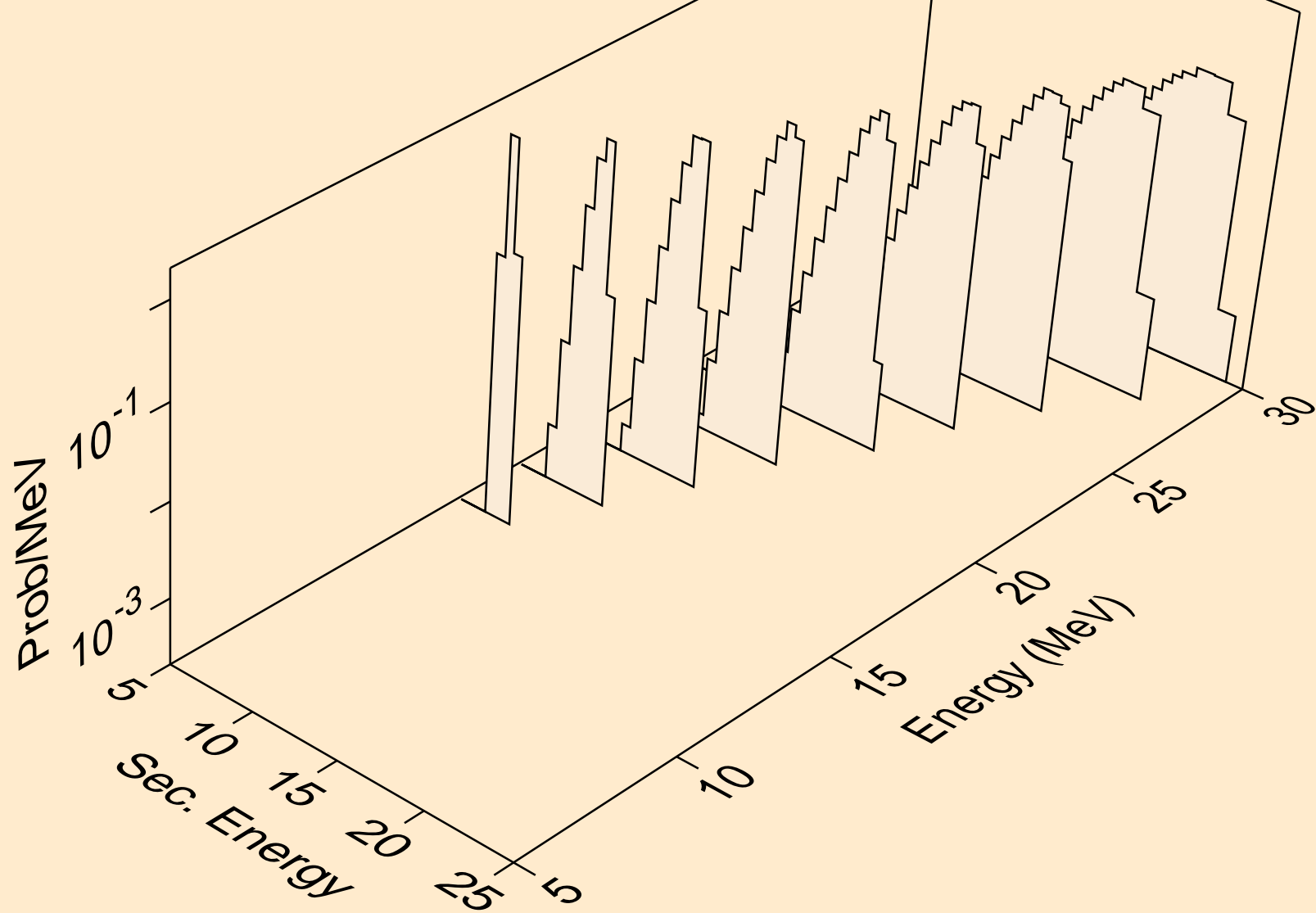
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

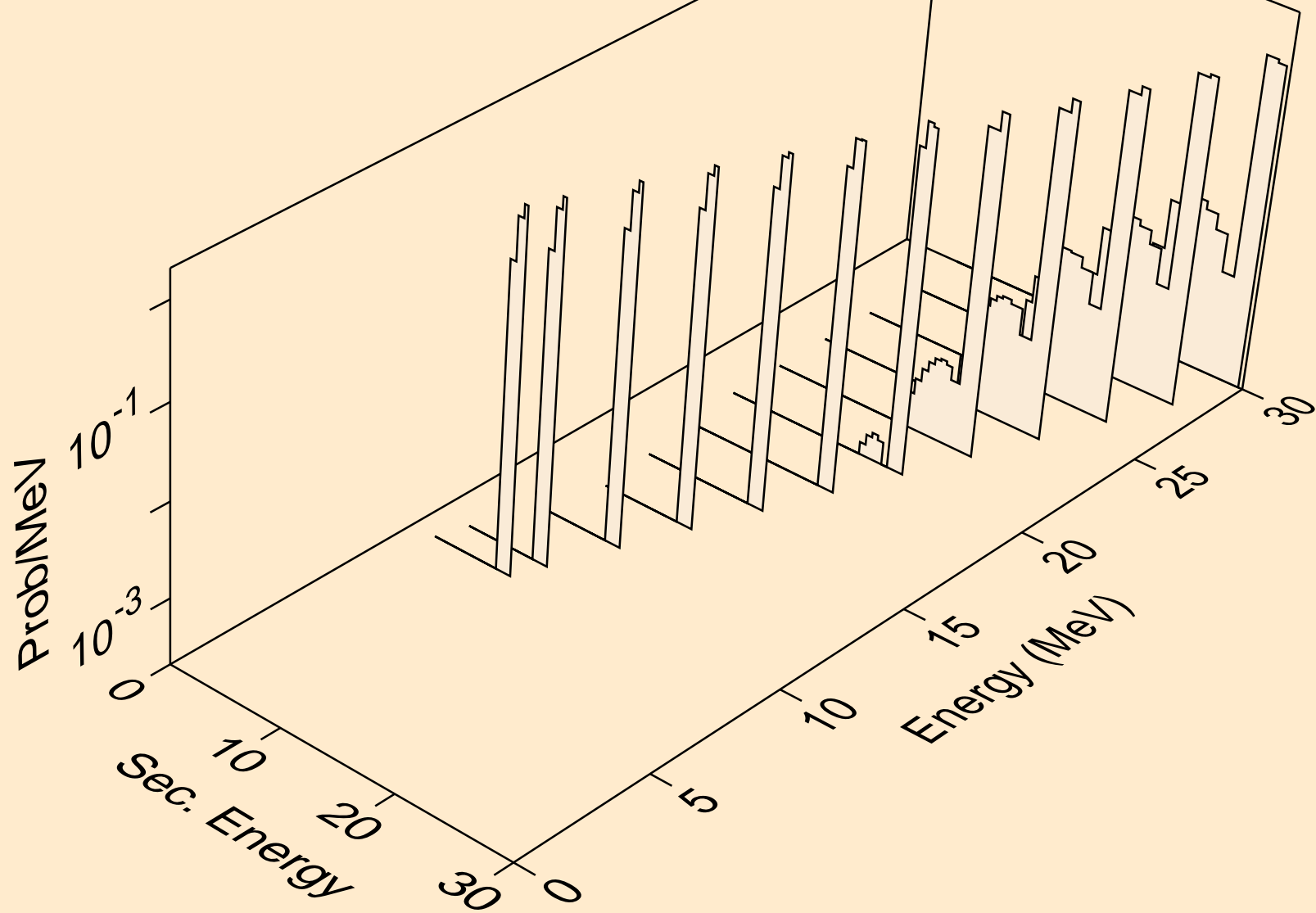


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

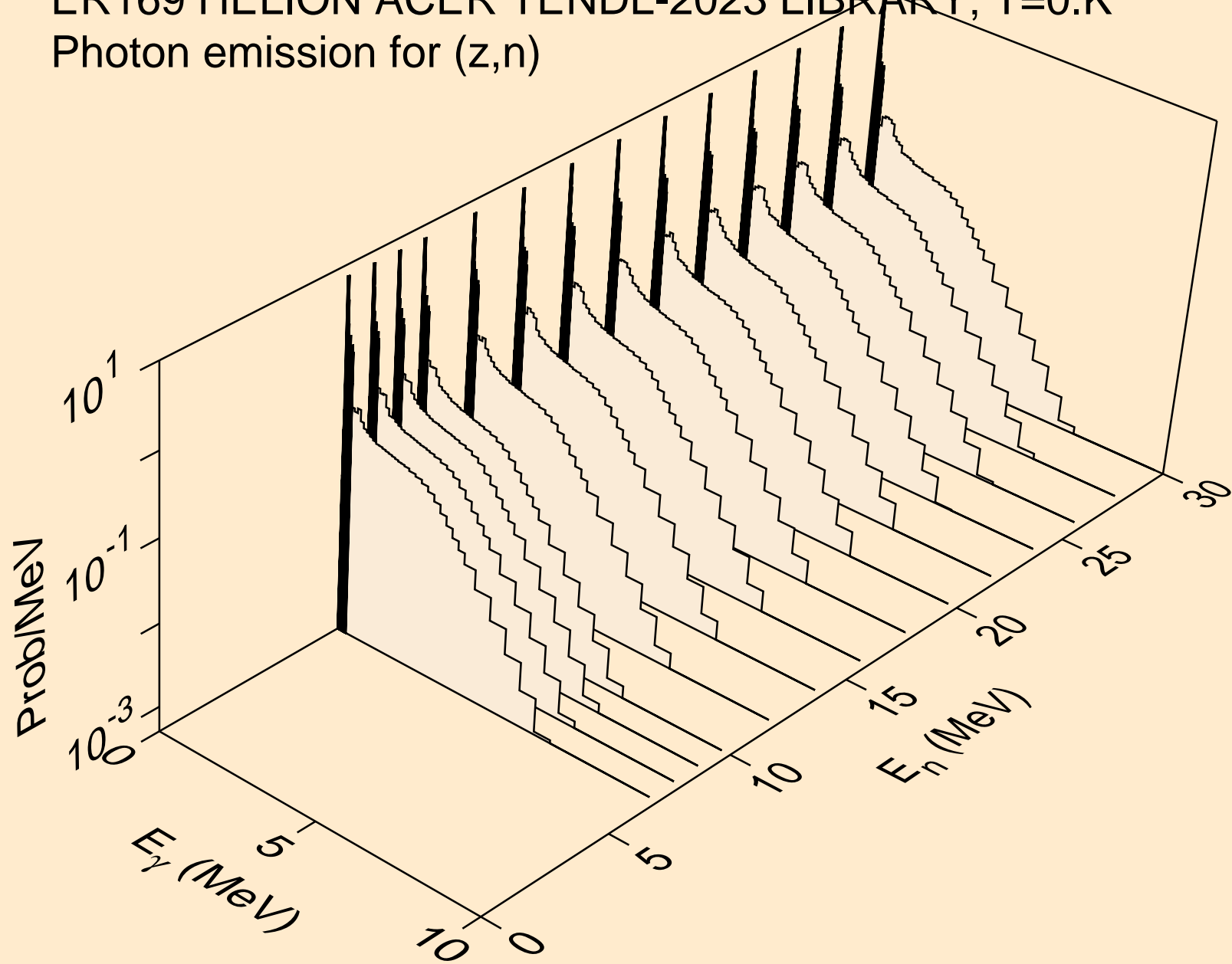




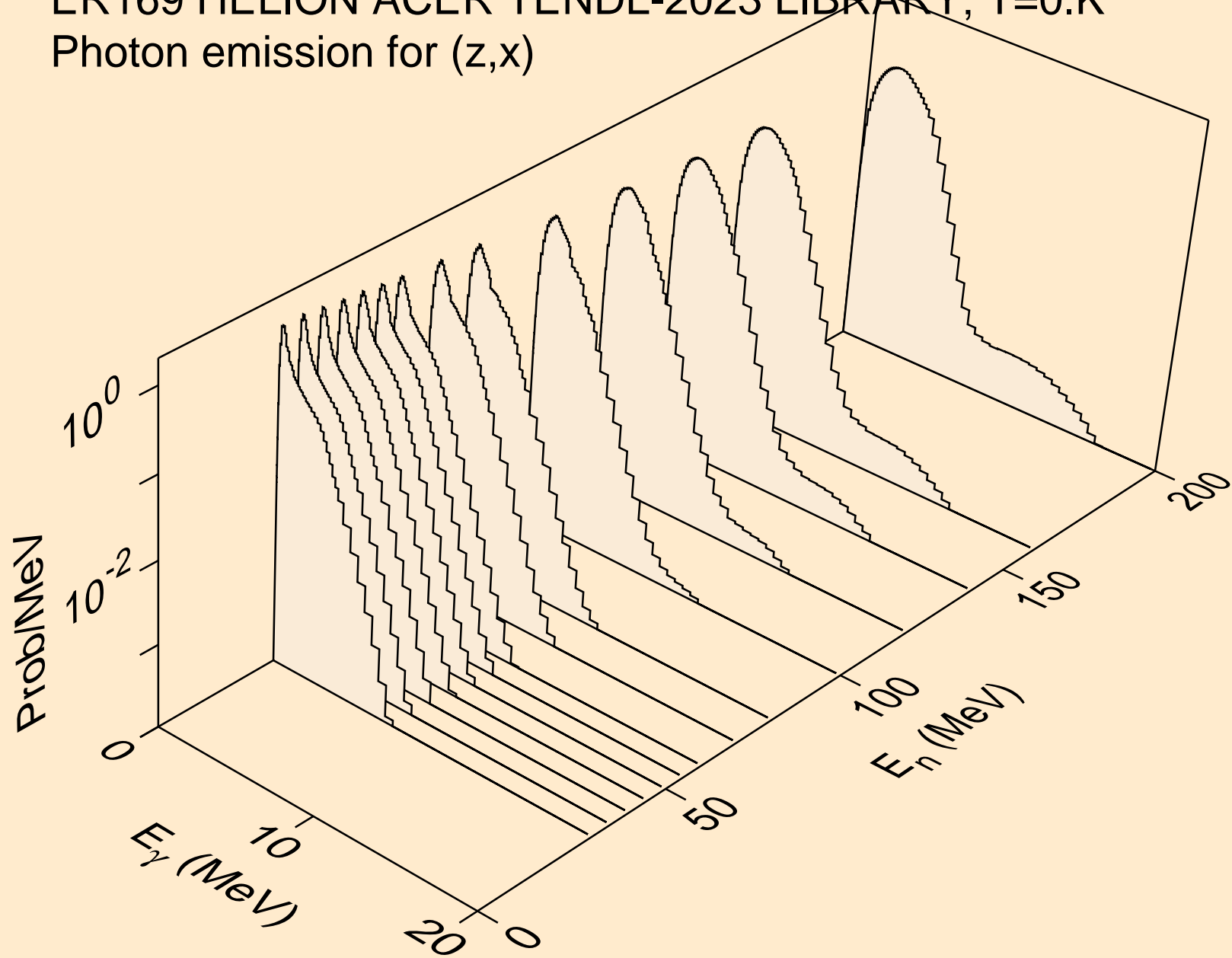
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



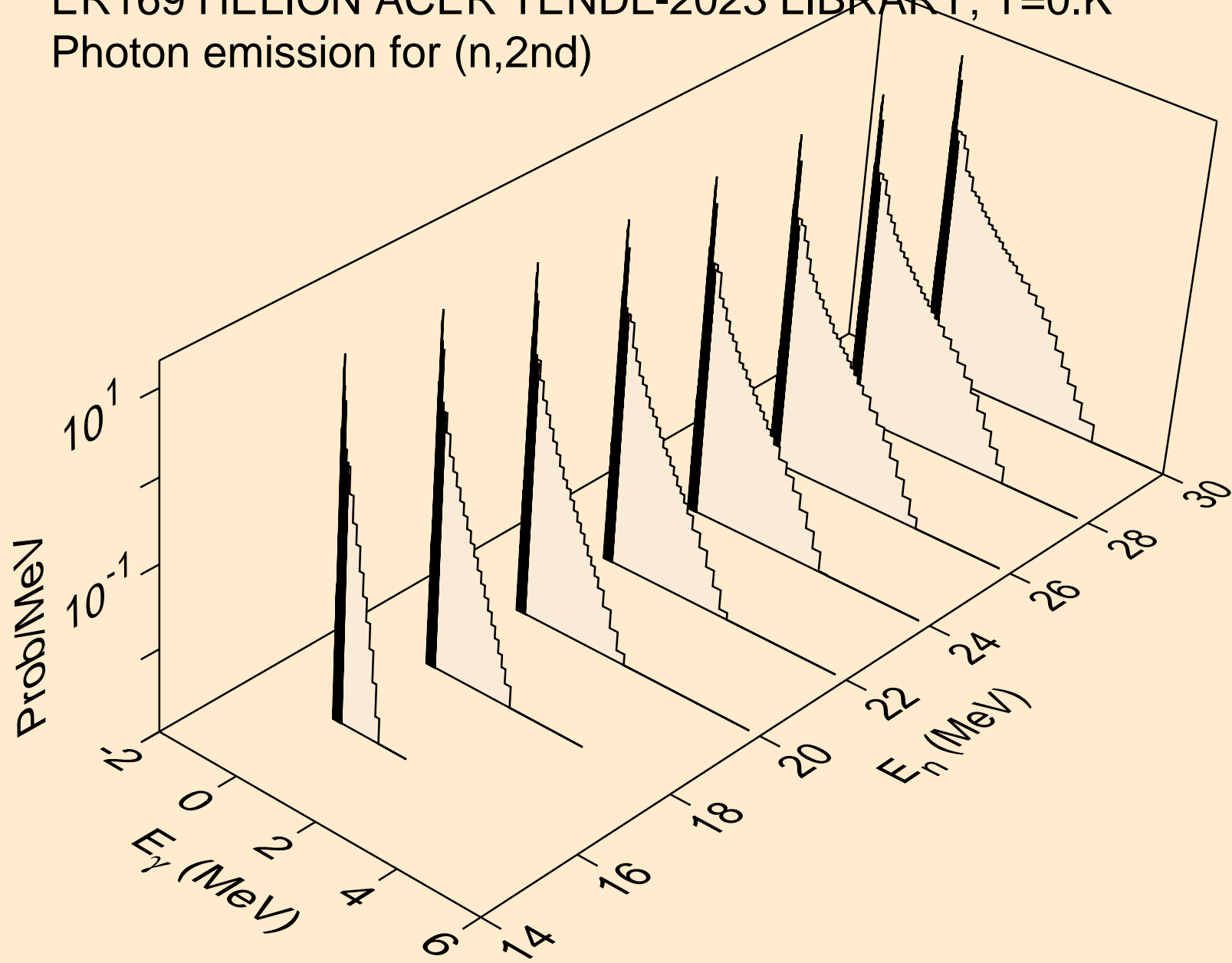
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



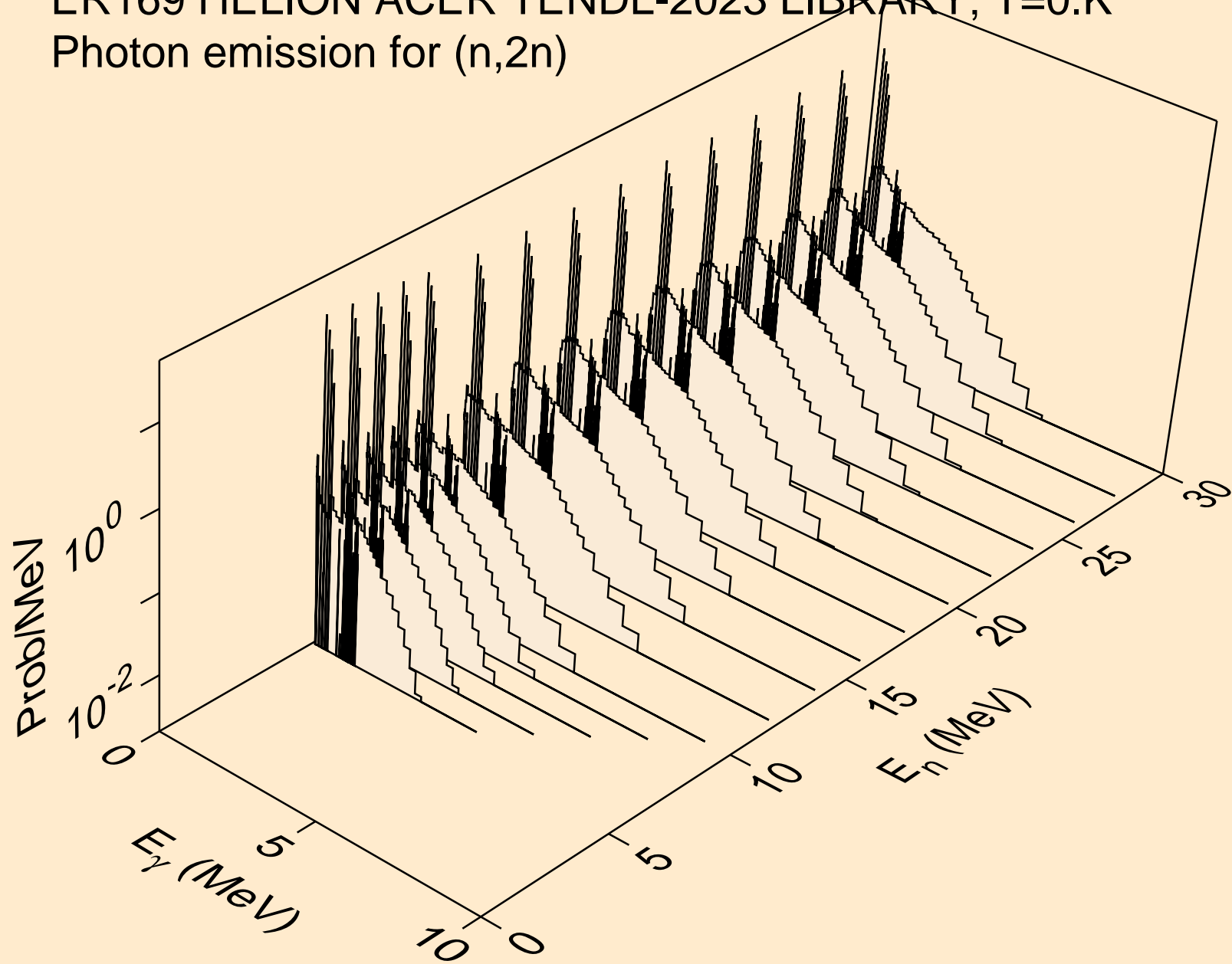
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



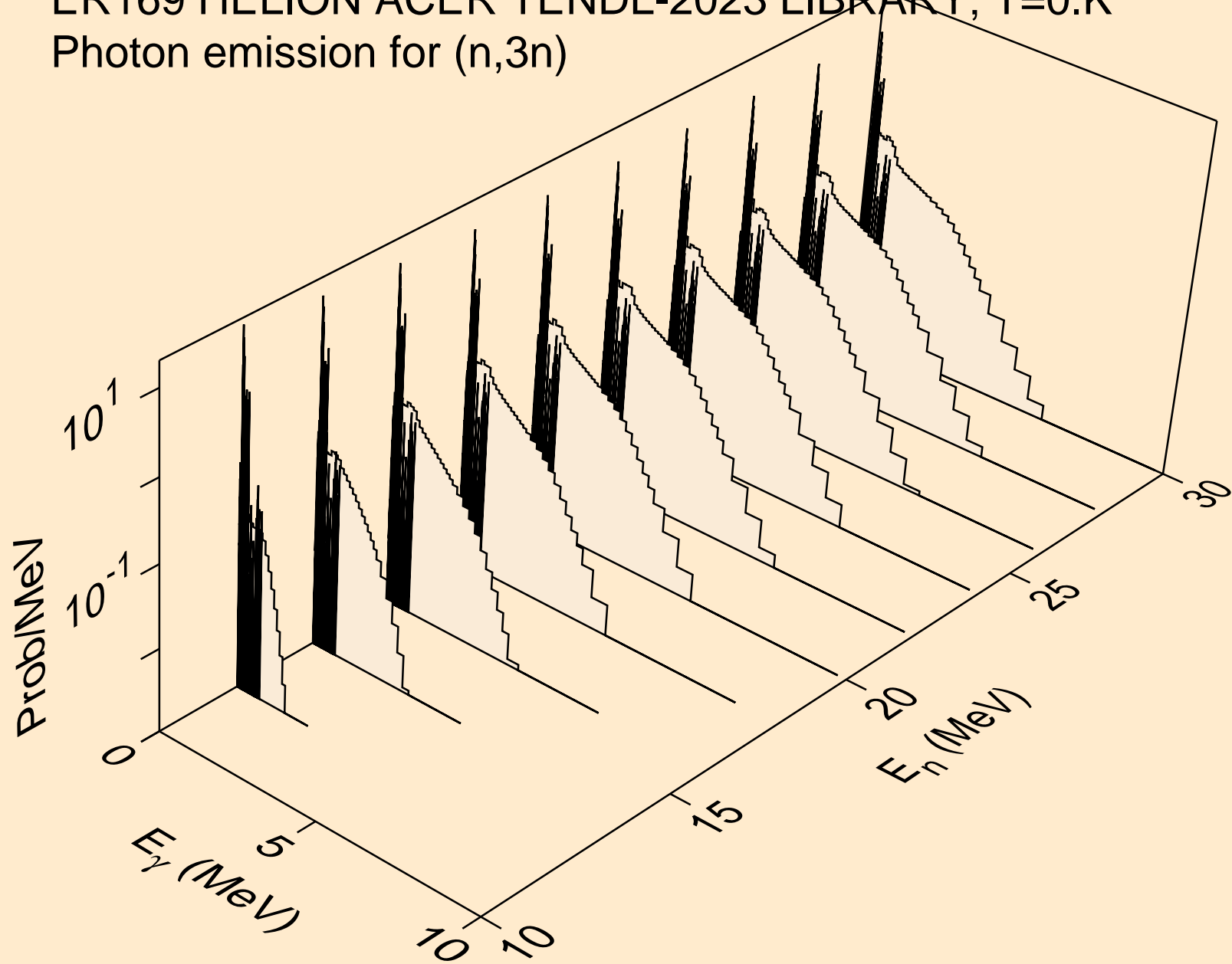
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



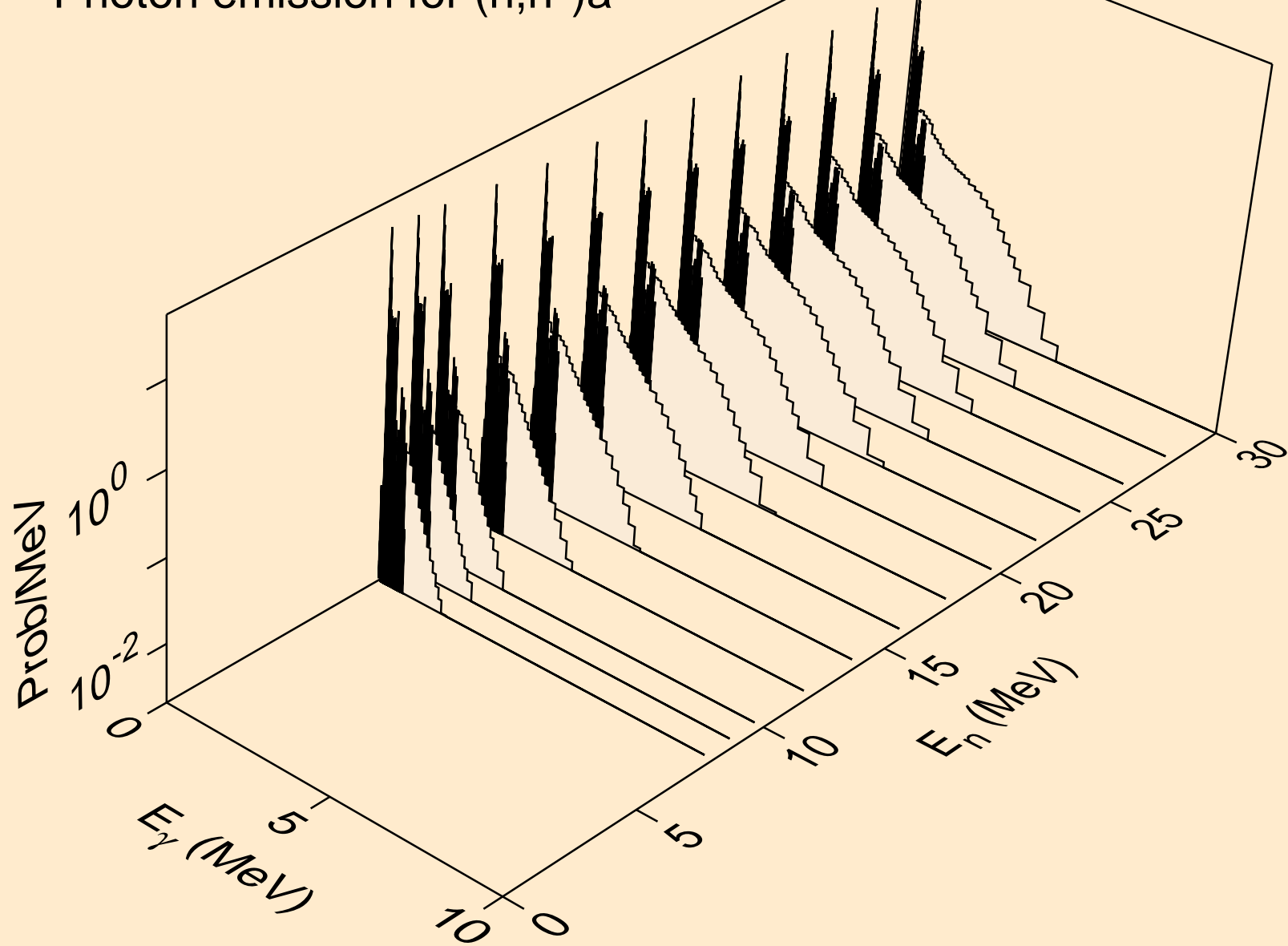
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



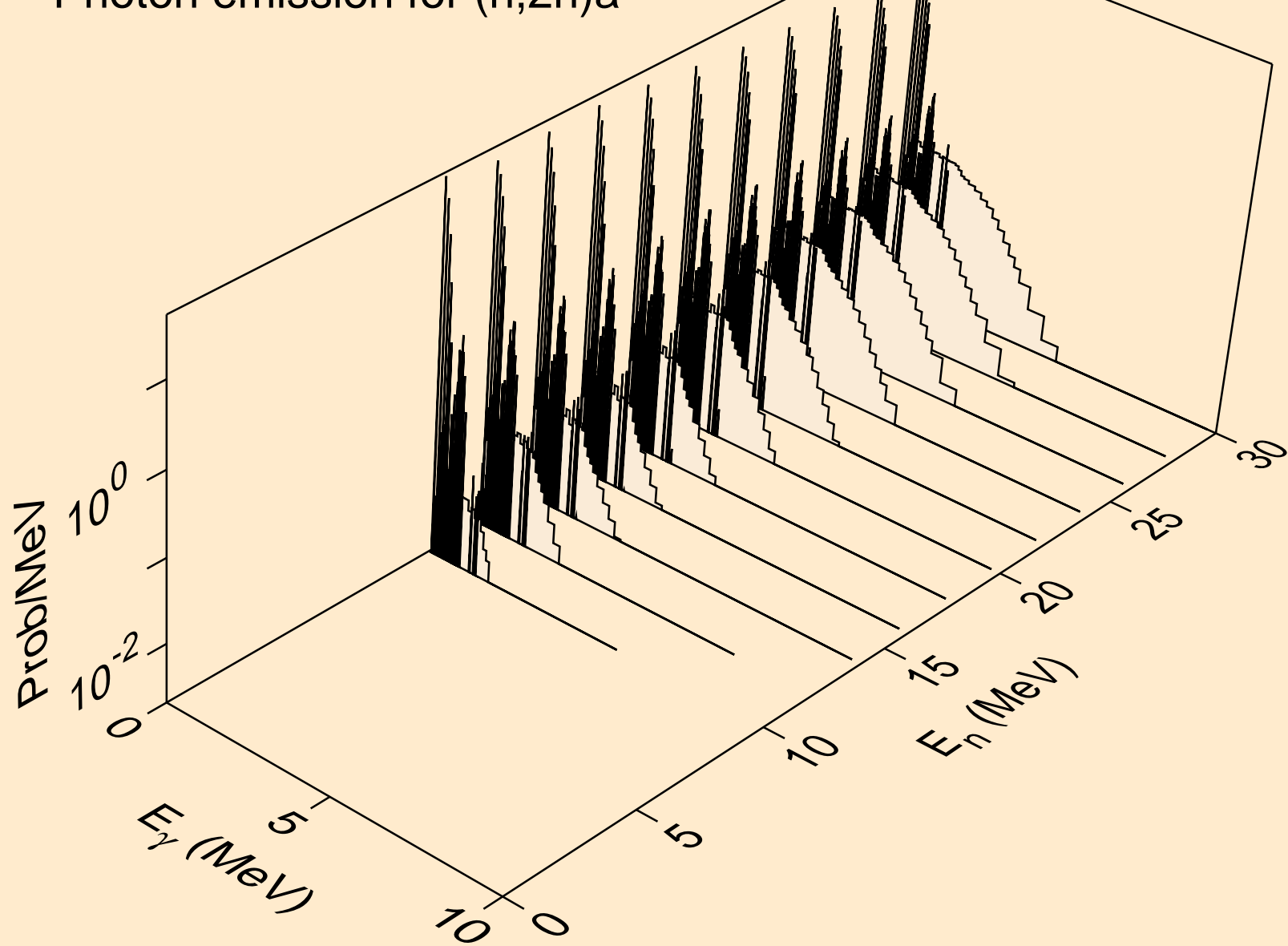
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

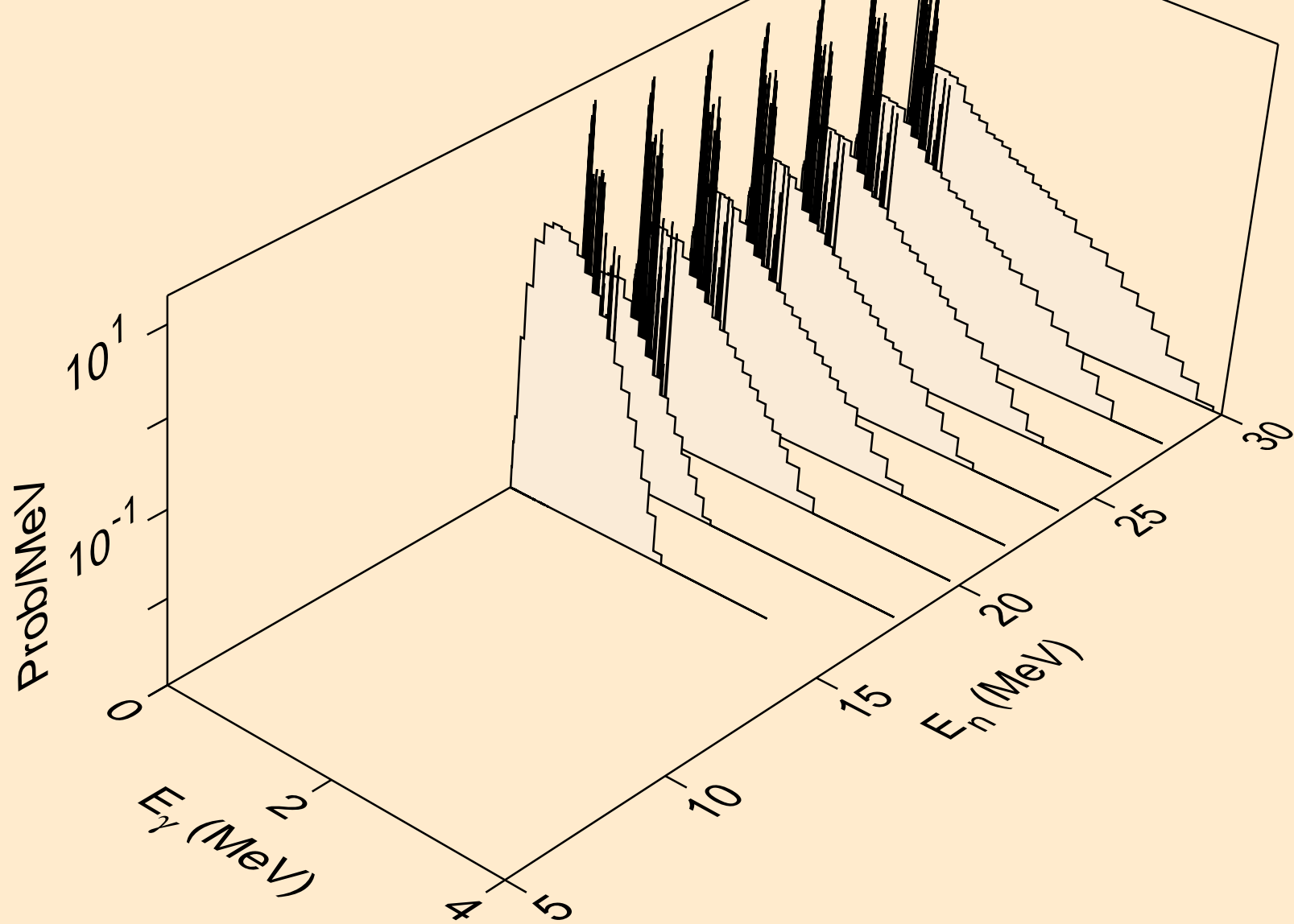


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

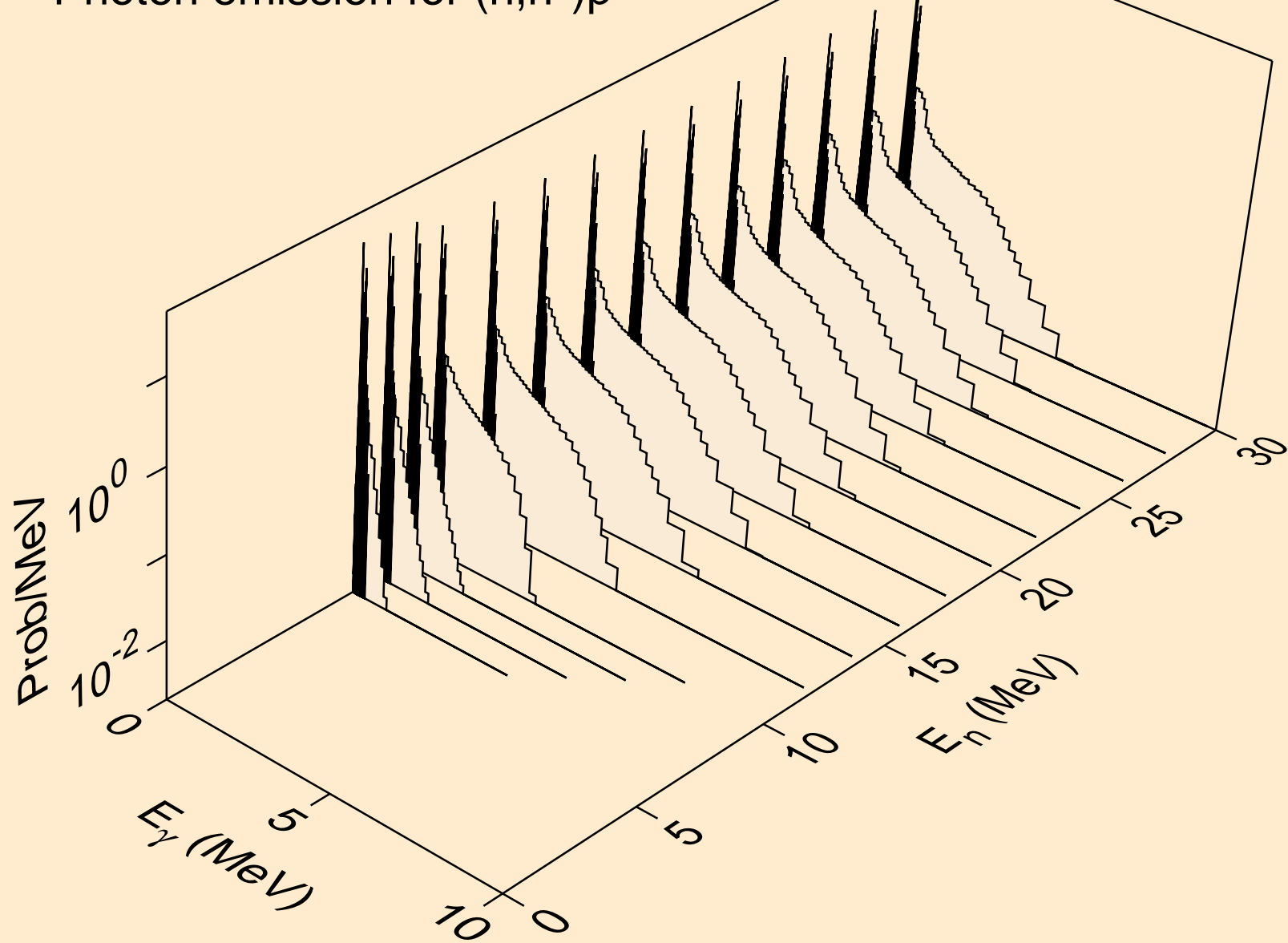




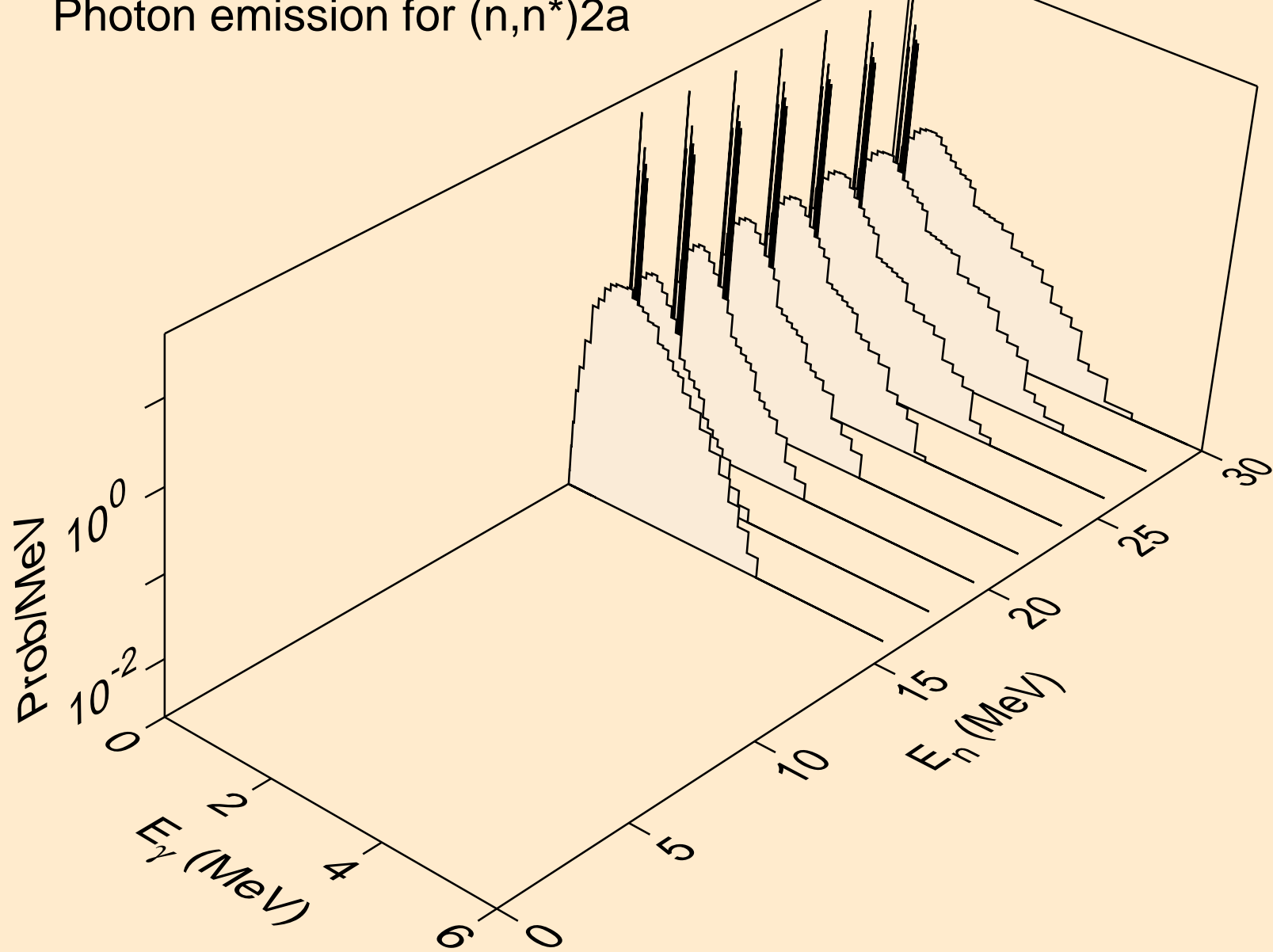
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Photon emission for (n,3n)a



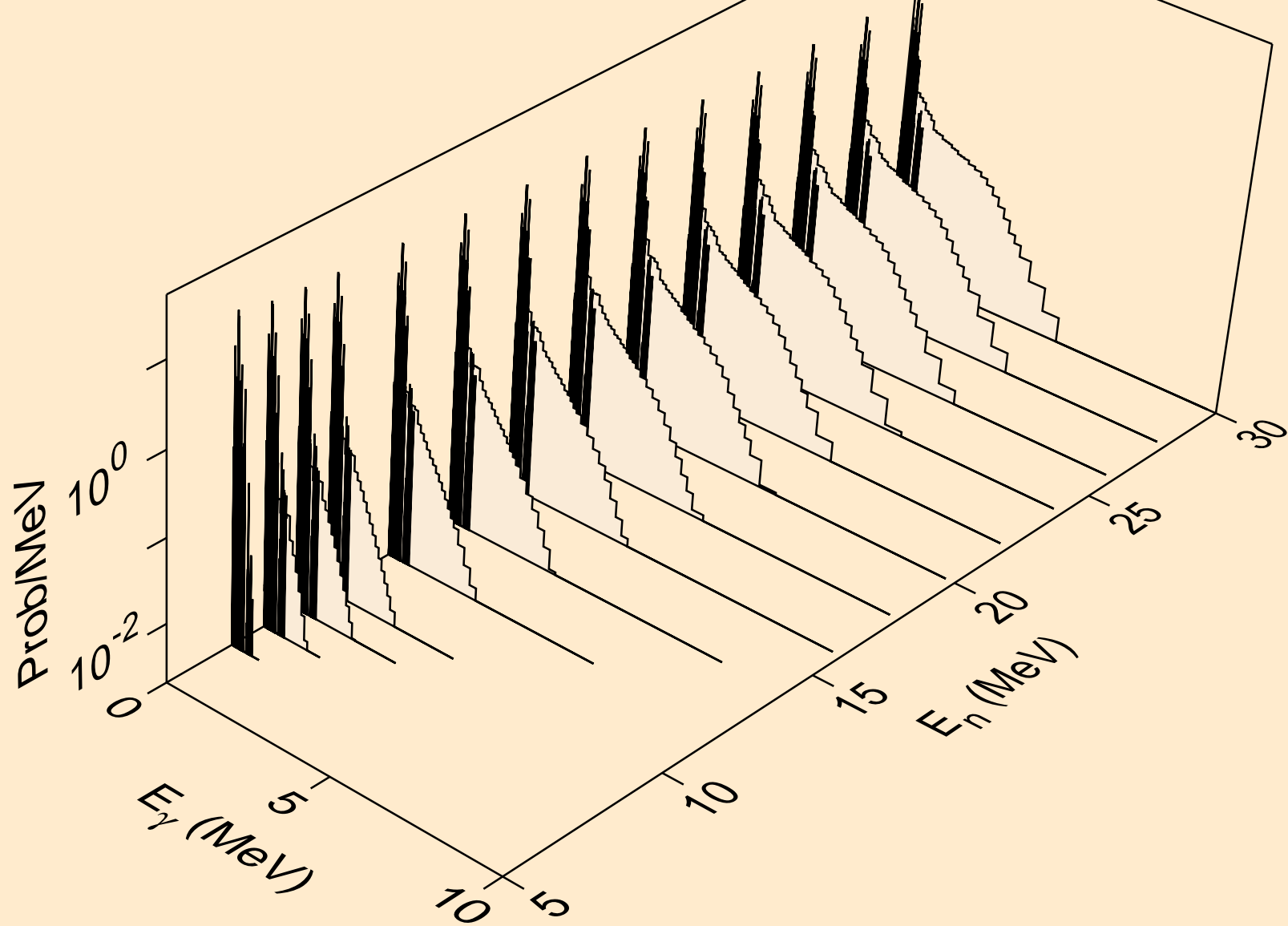
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



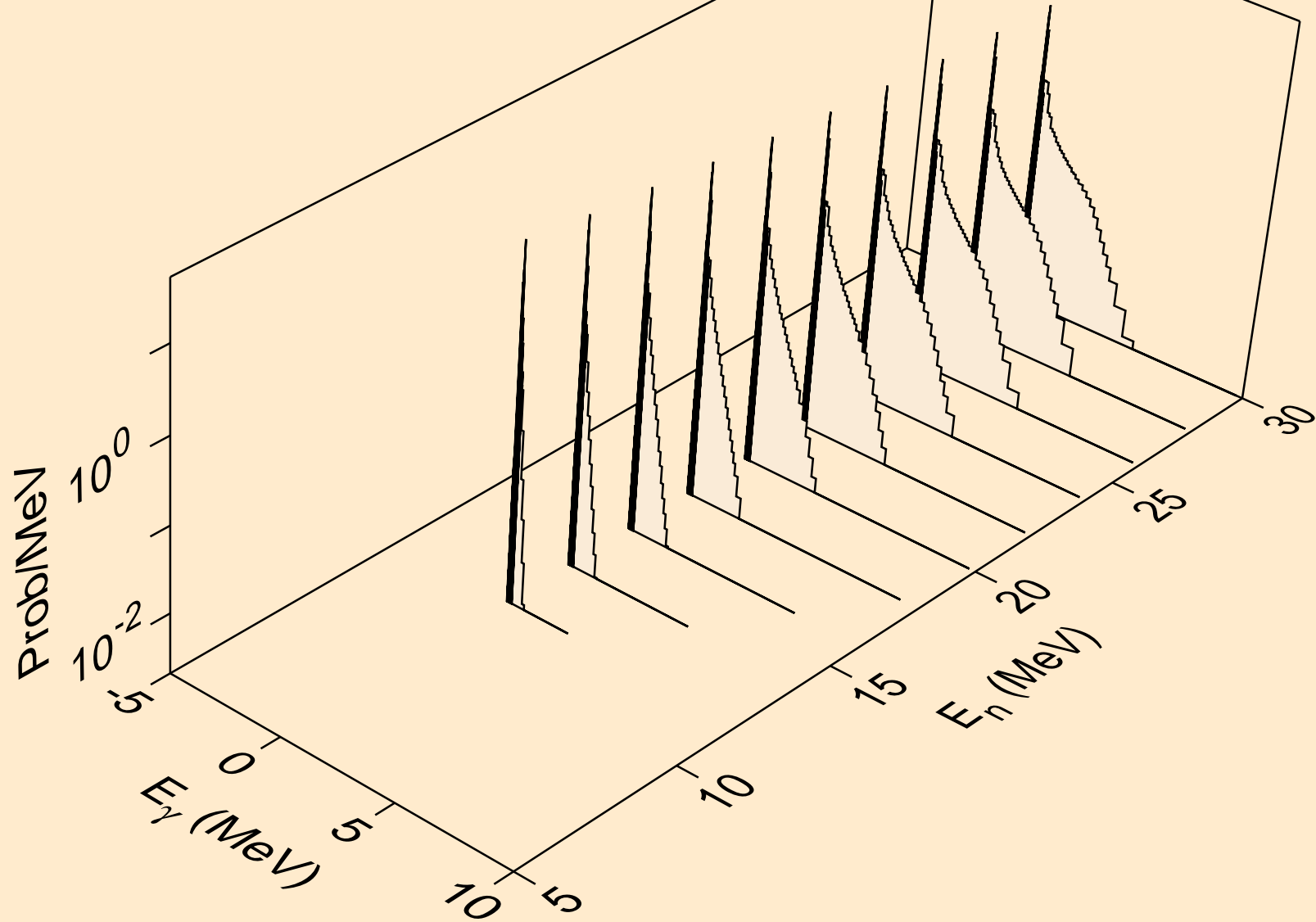
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Photon emission for (n,n\*)2a



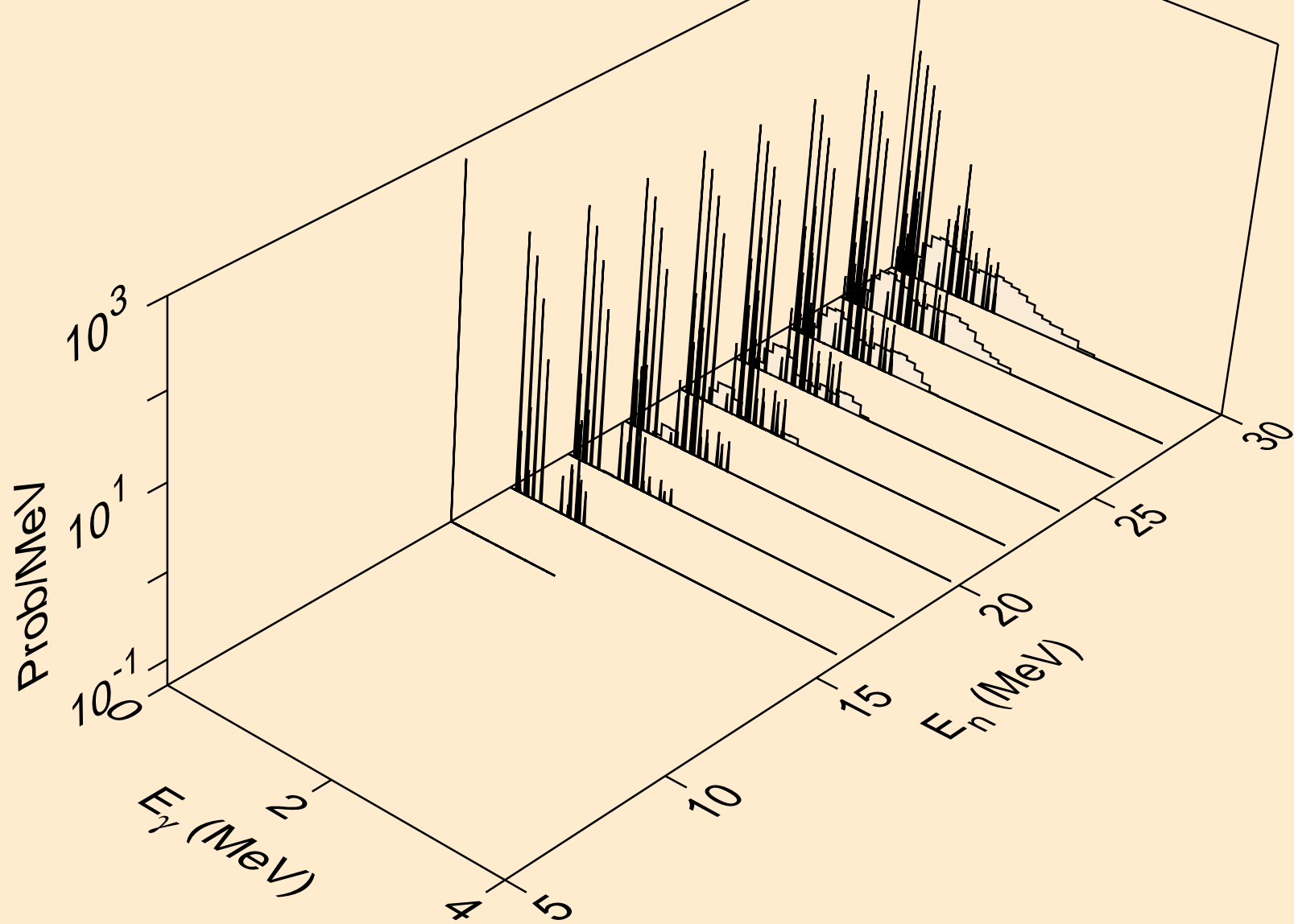
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Photon emission for (n,n\*)d



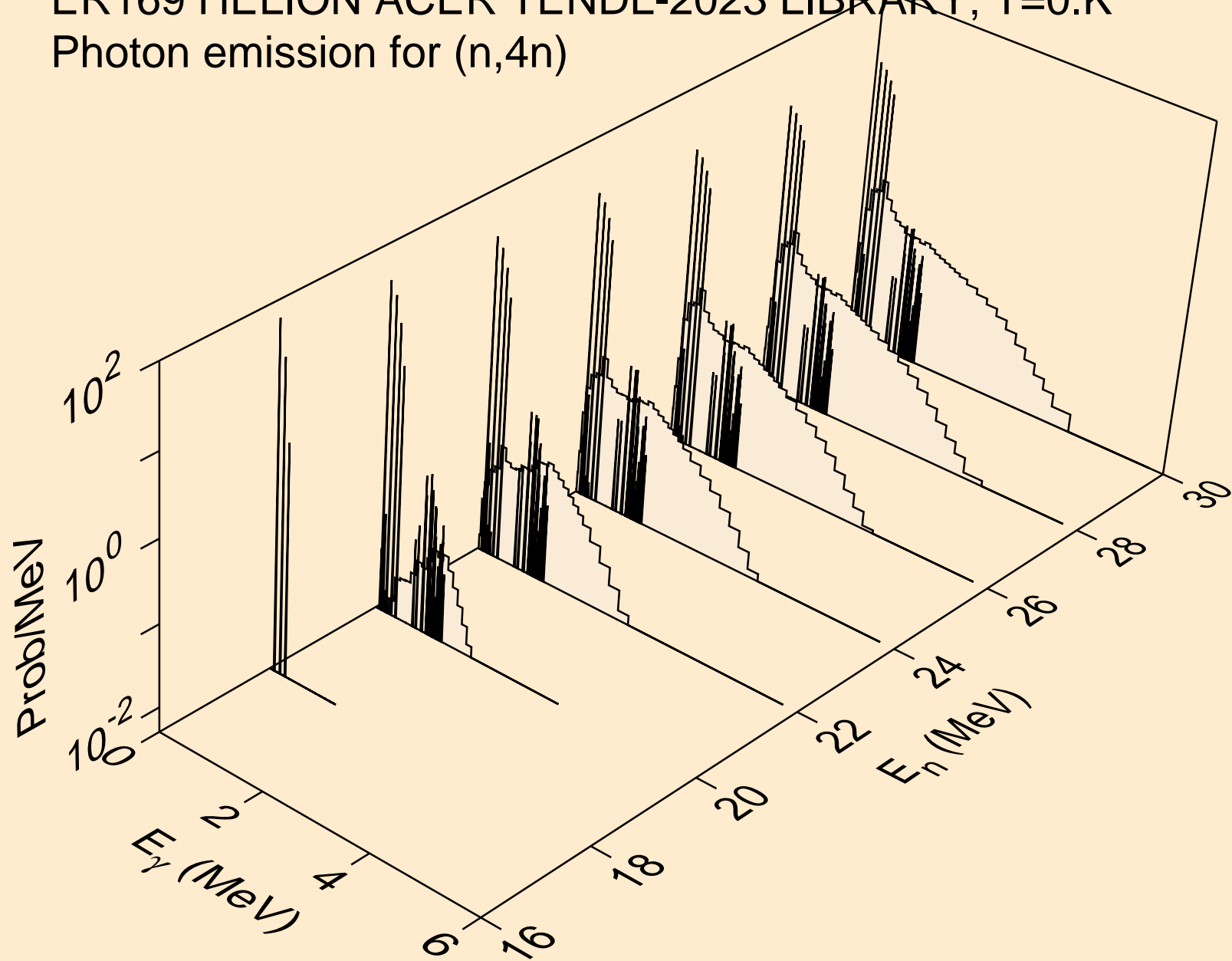
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



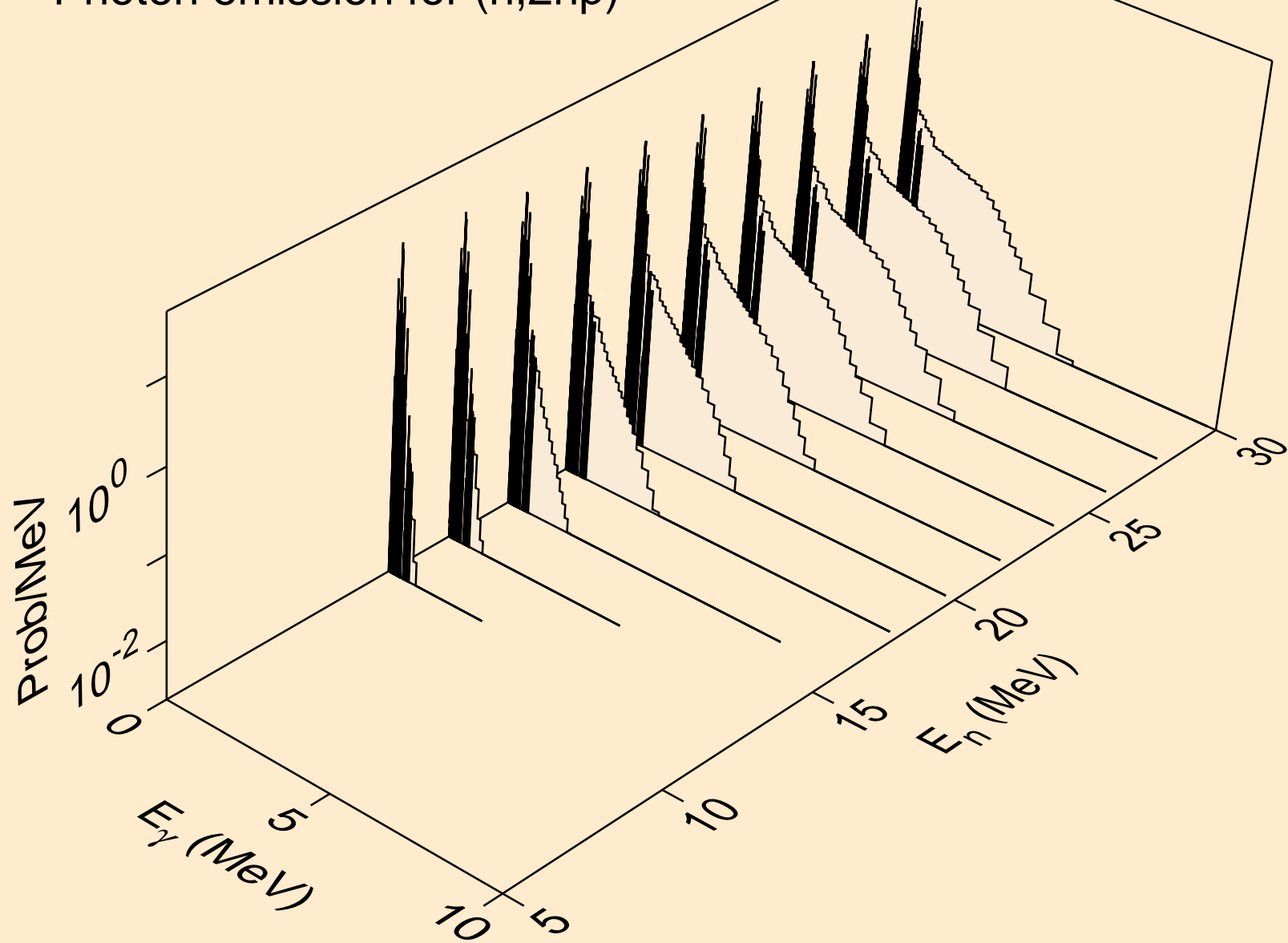
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

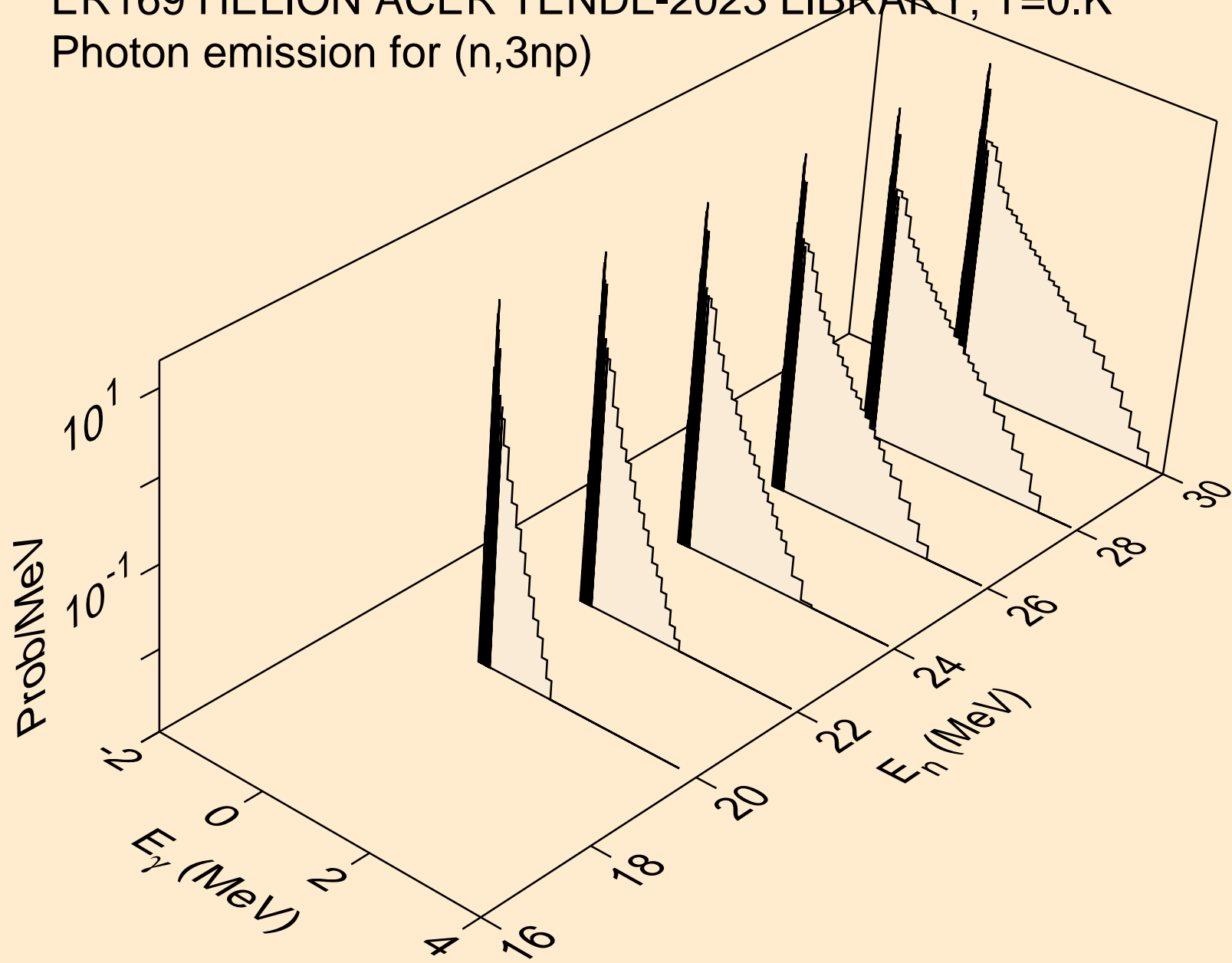


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

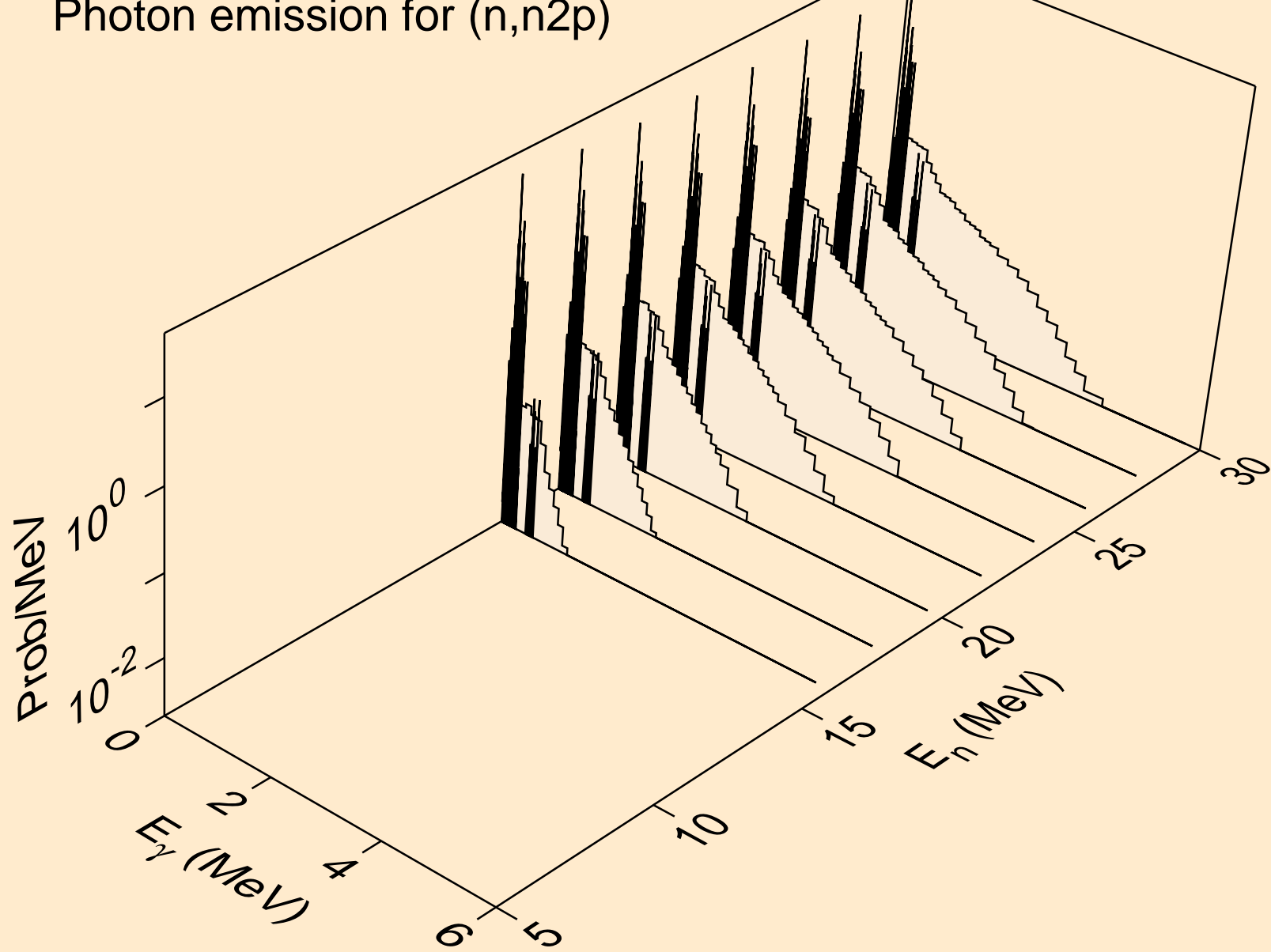




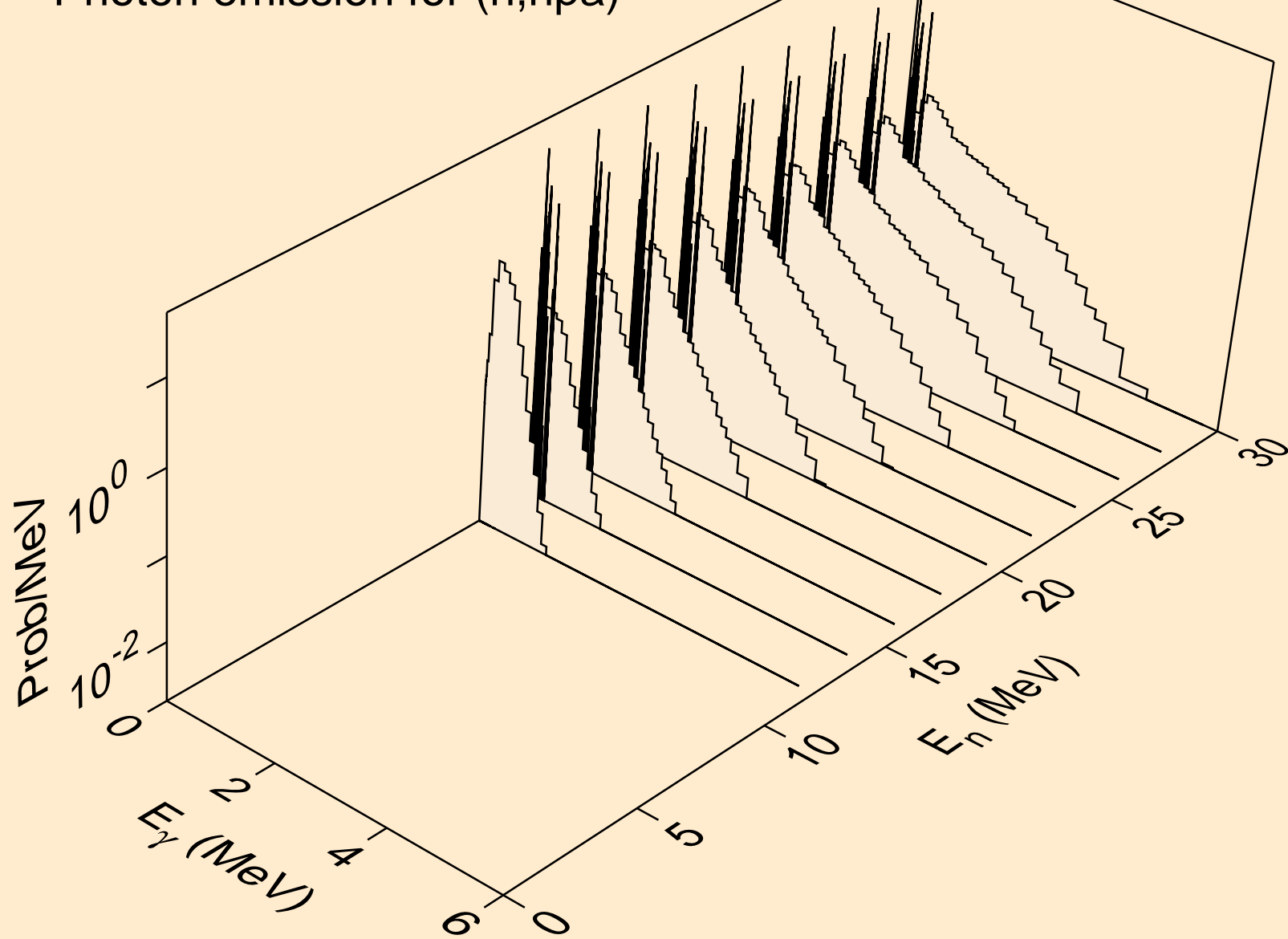
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Photon emission for (n,3np)



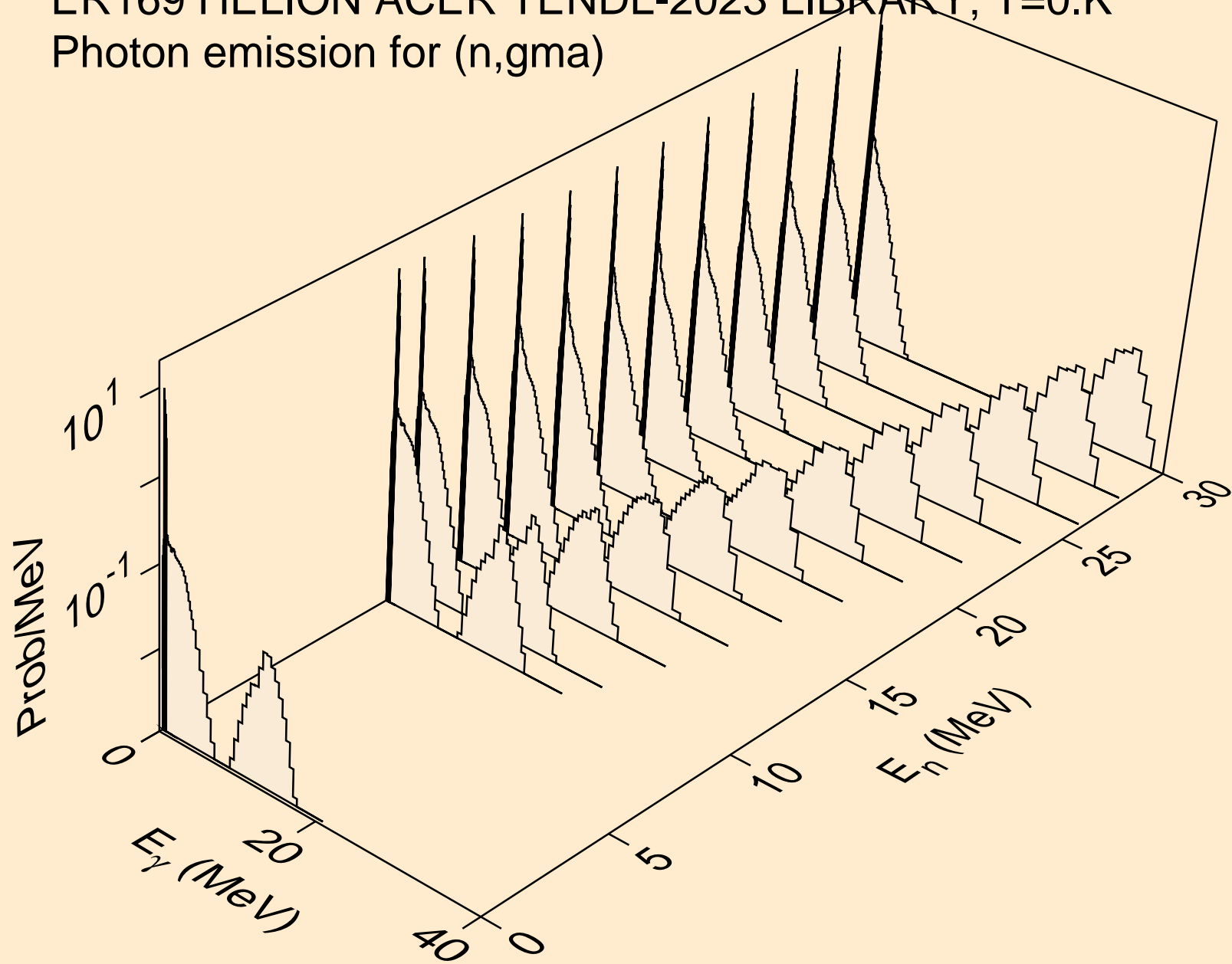
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Photon emission for (n,n2p)



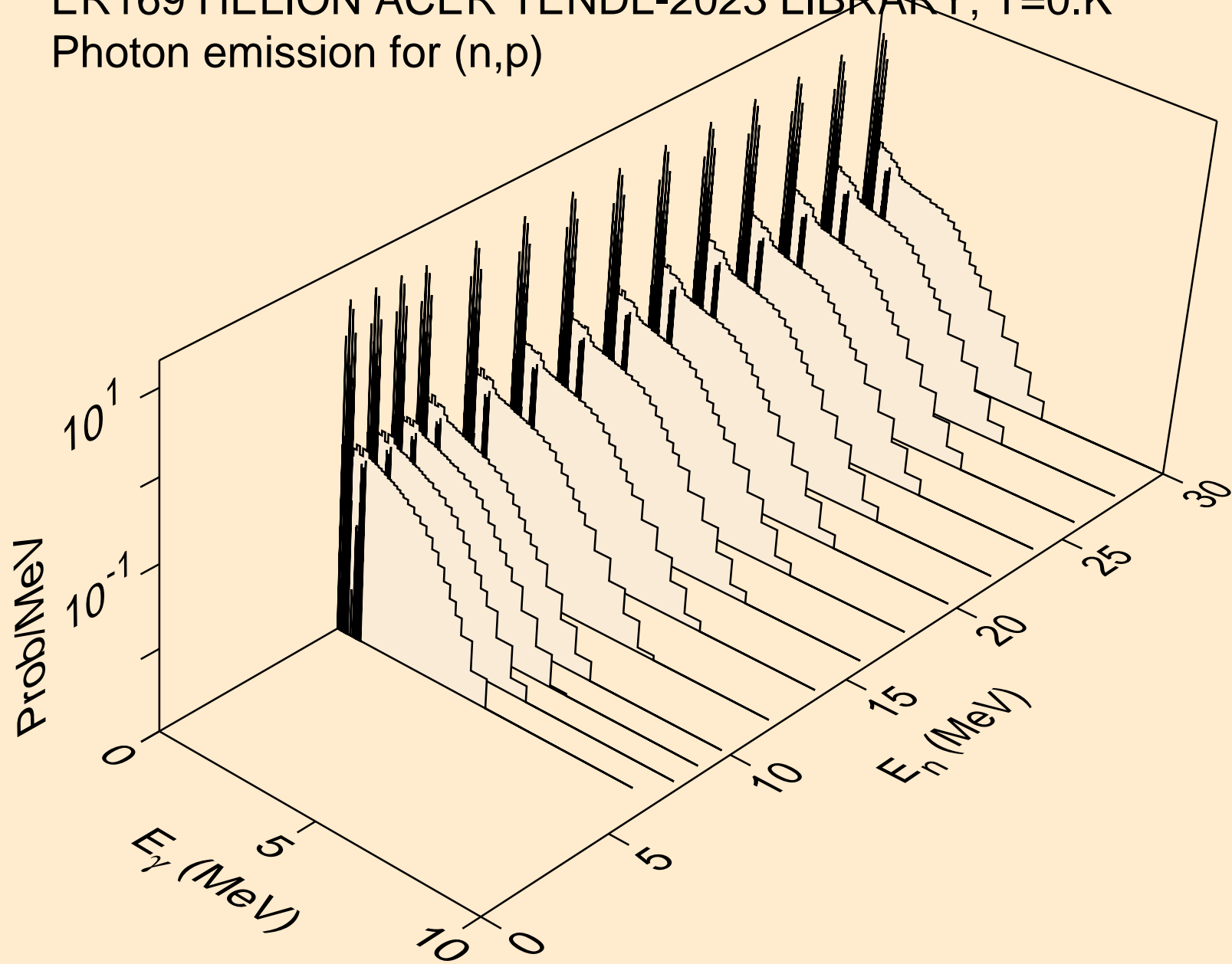
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Photon emission for (n,npa)



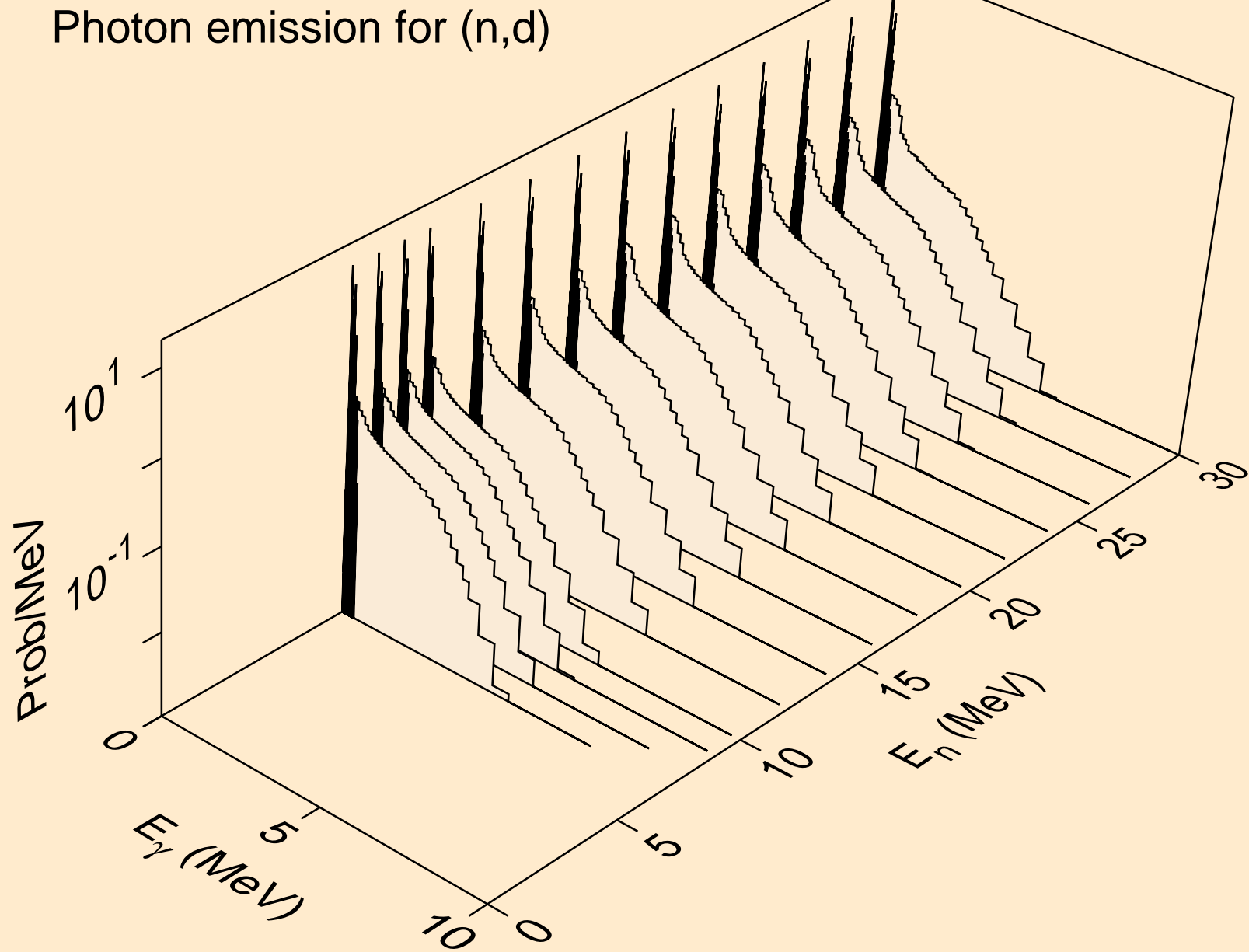
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Photon emission for (n,gma)



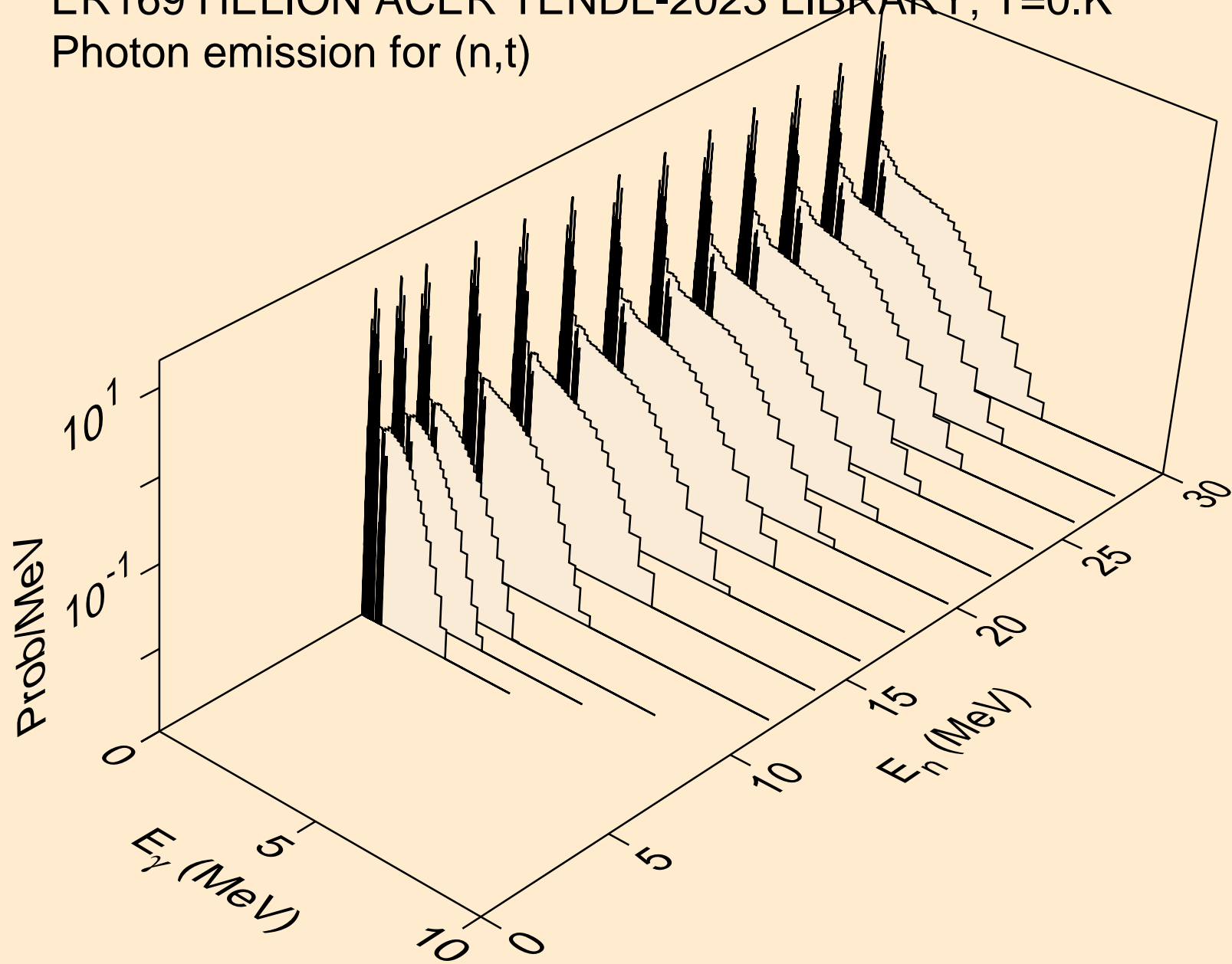
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Photon emission for (n,p)



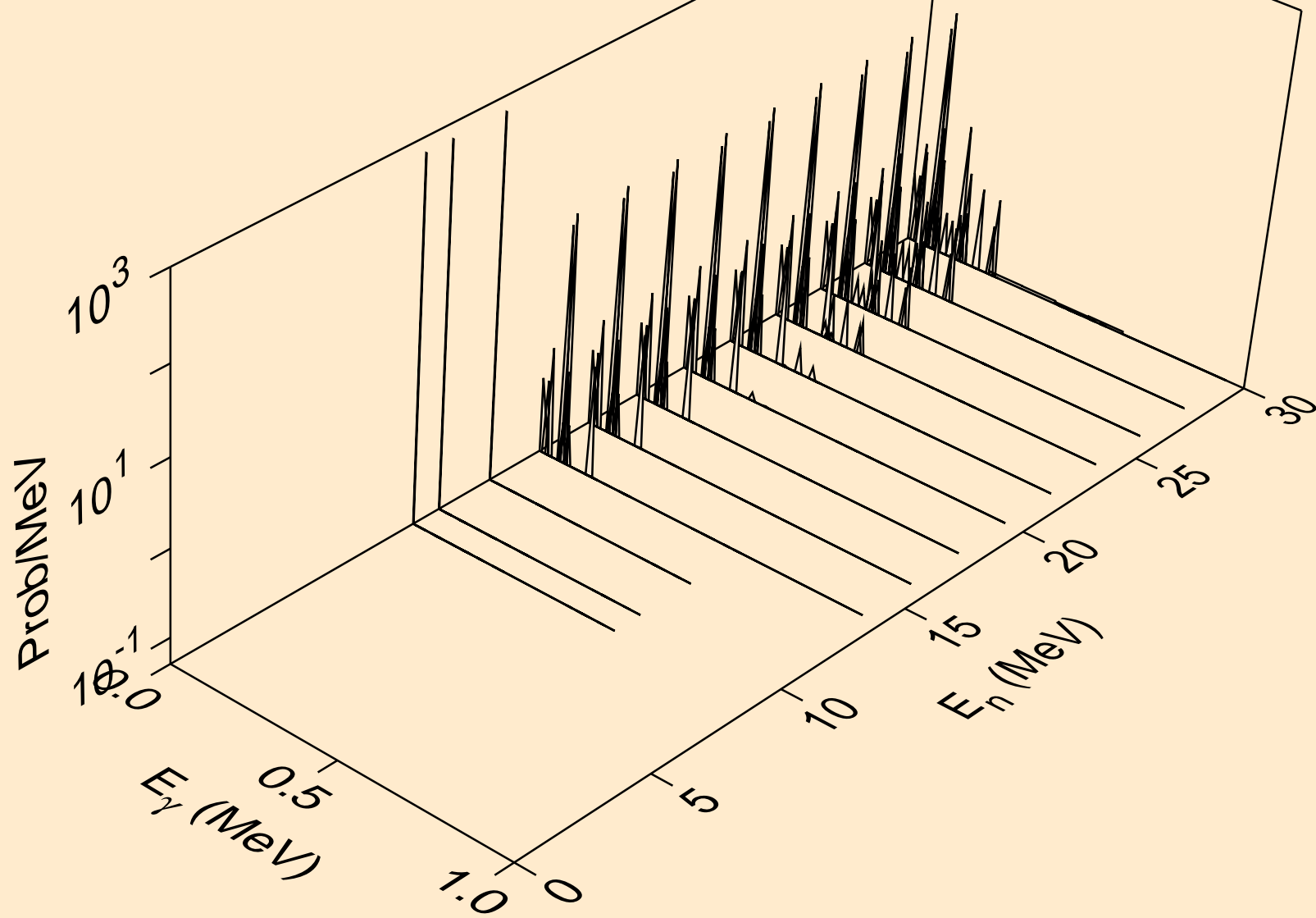
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

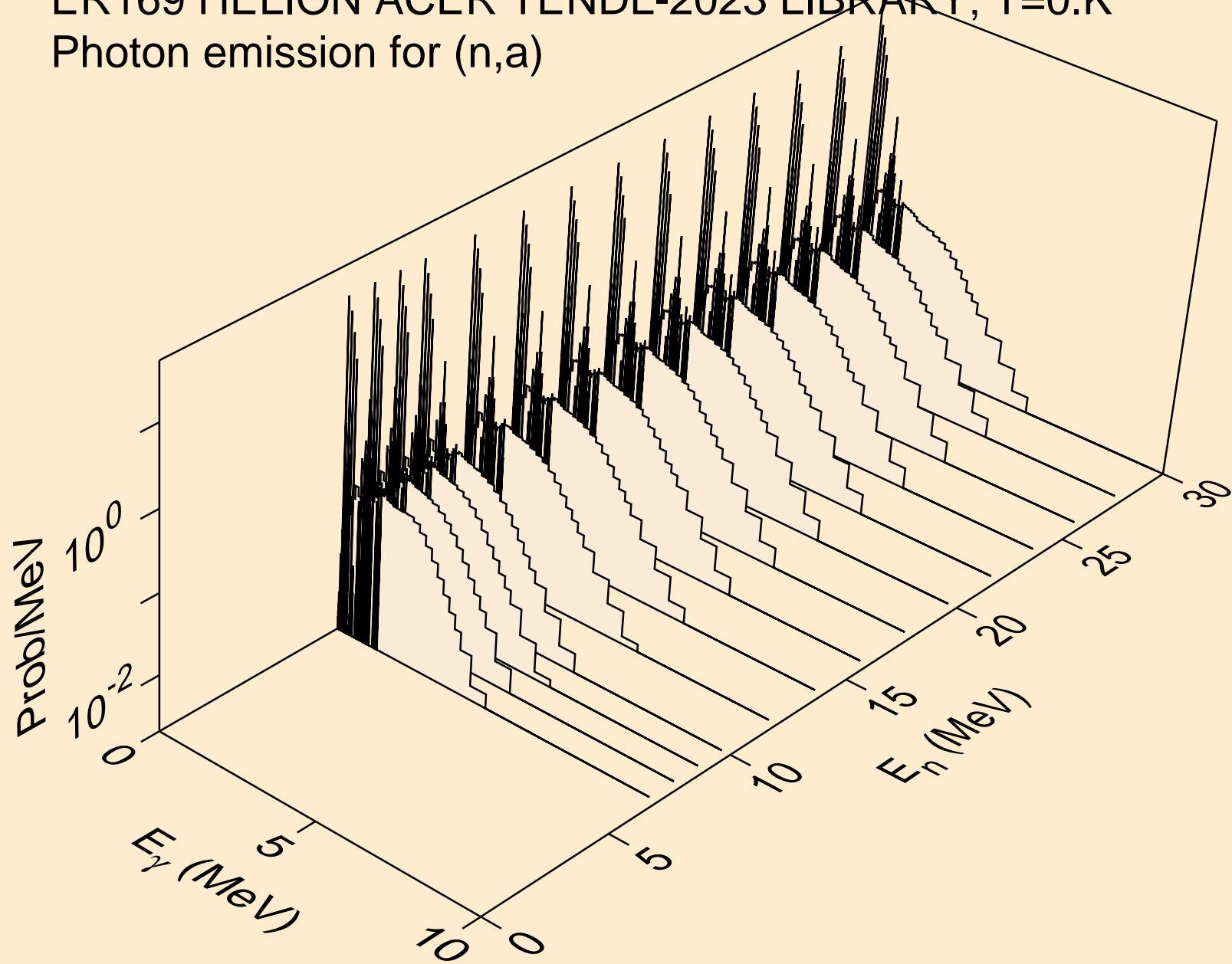


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

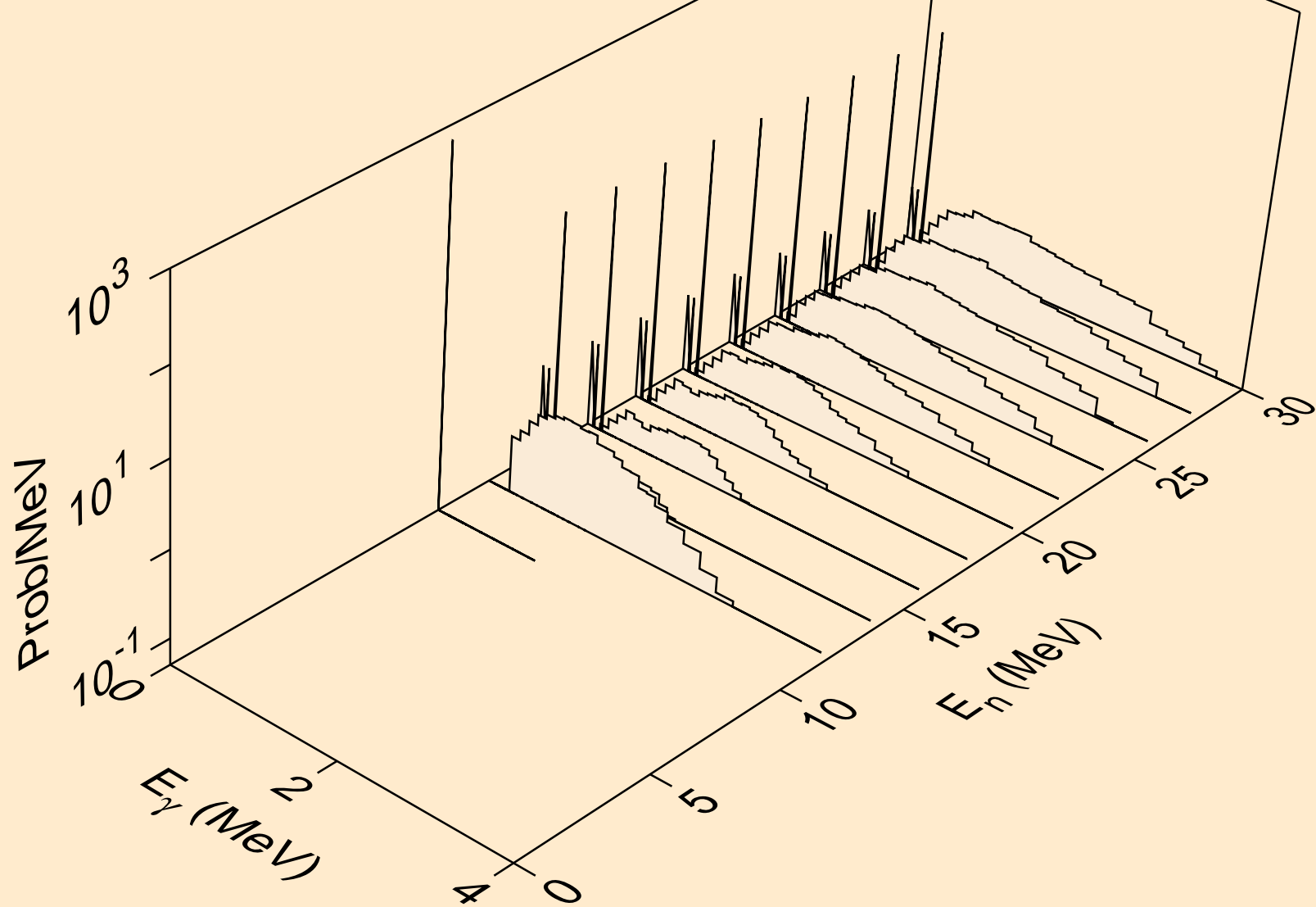




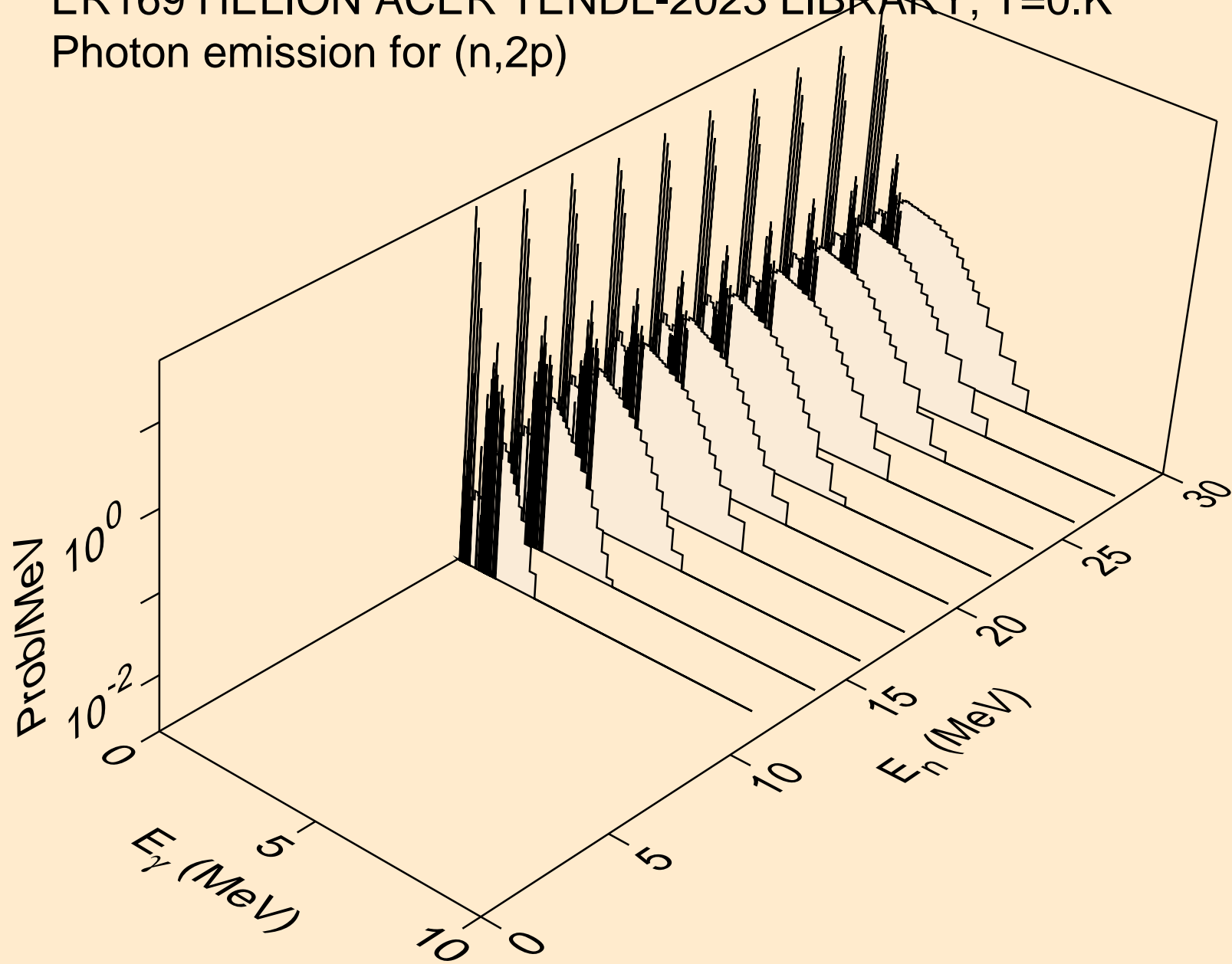
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Photon emission for (n,a)



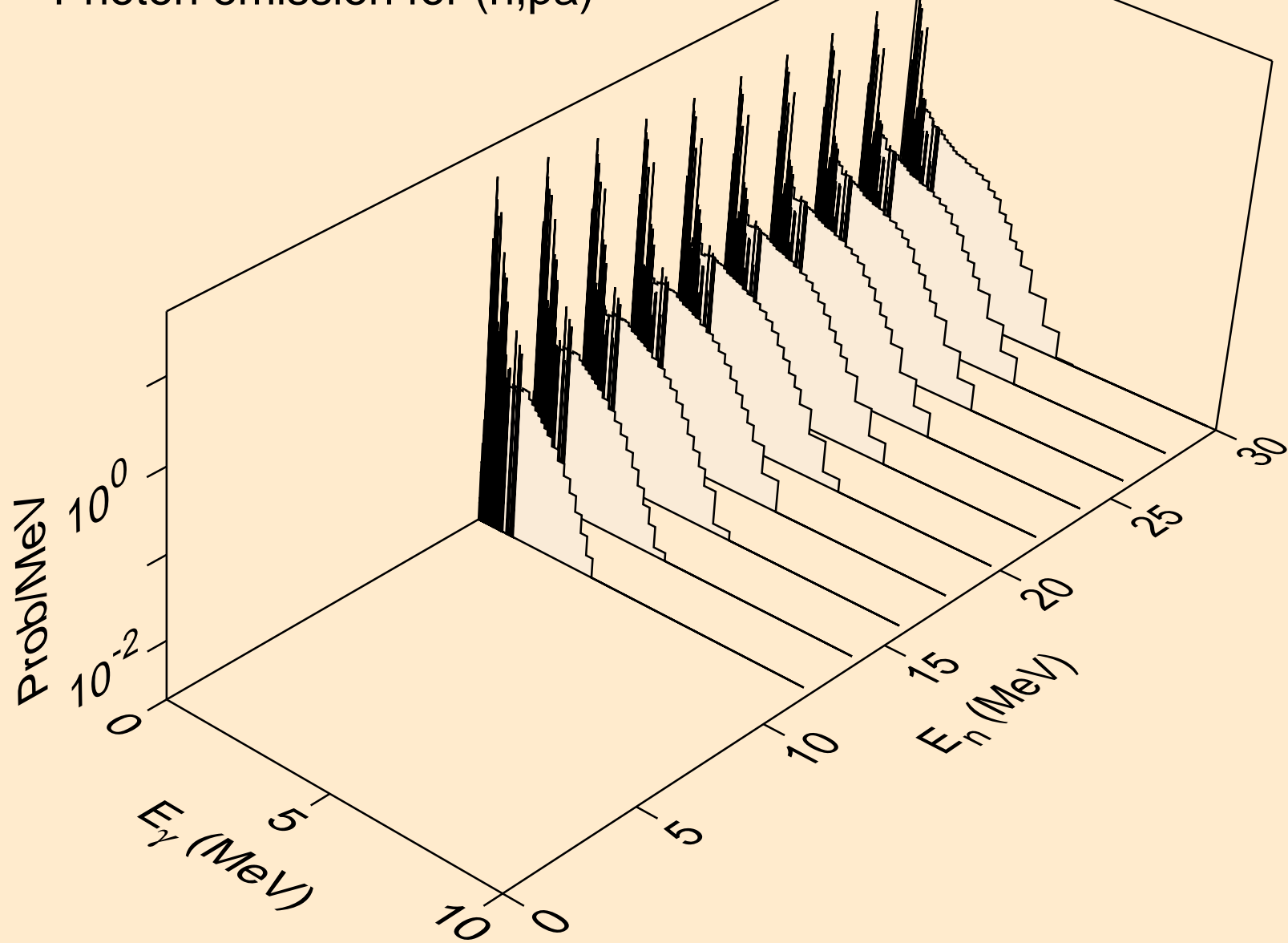
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Photon emission for (n,2a)



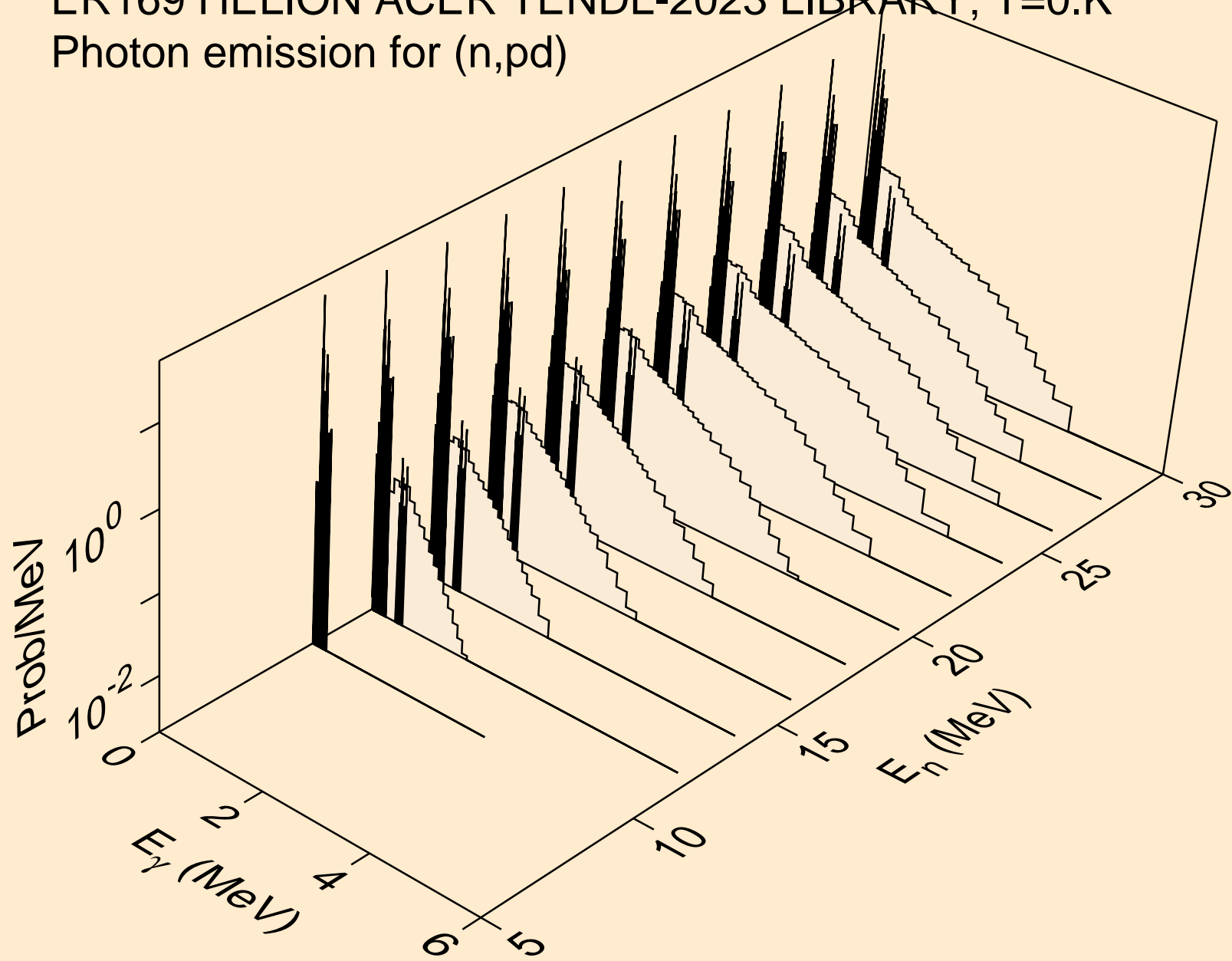
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Photon emission for (n,2p)



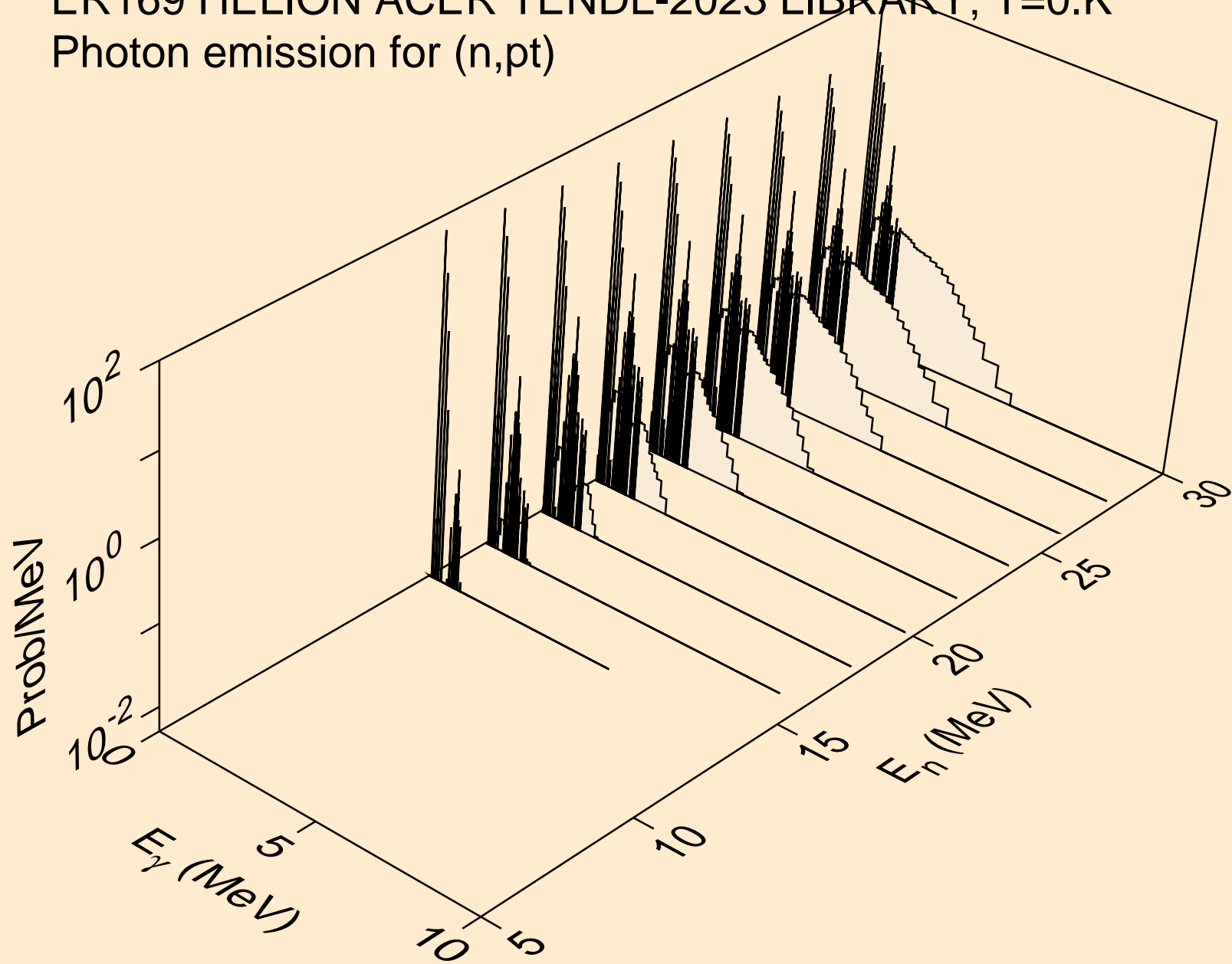
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Photon emission for (n,pa)



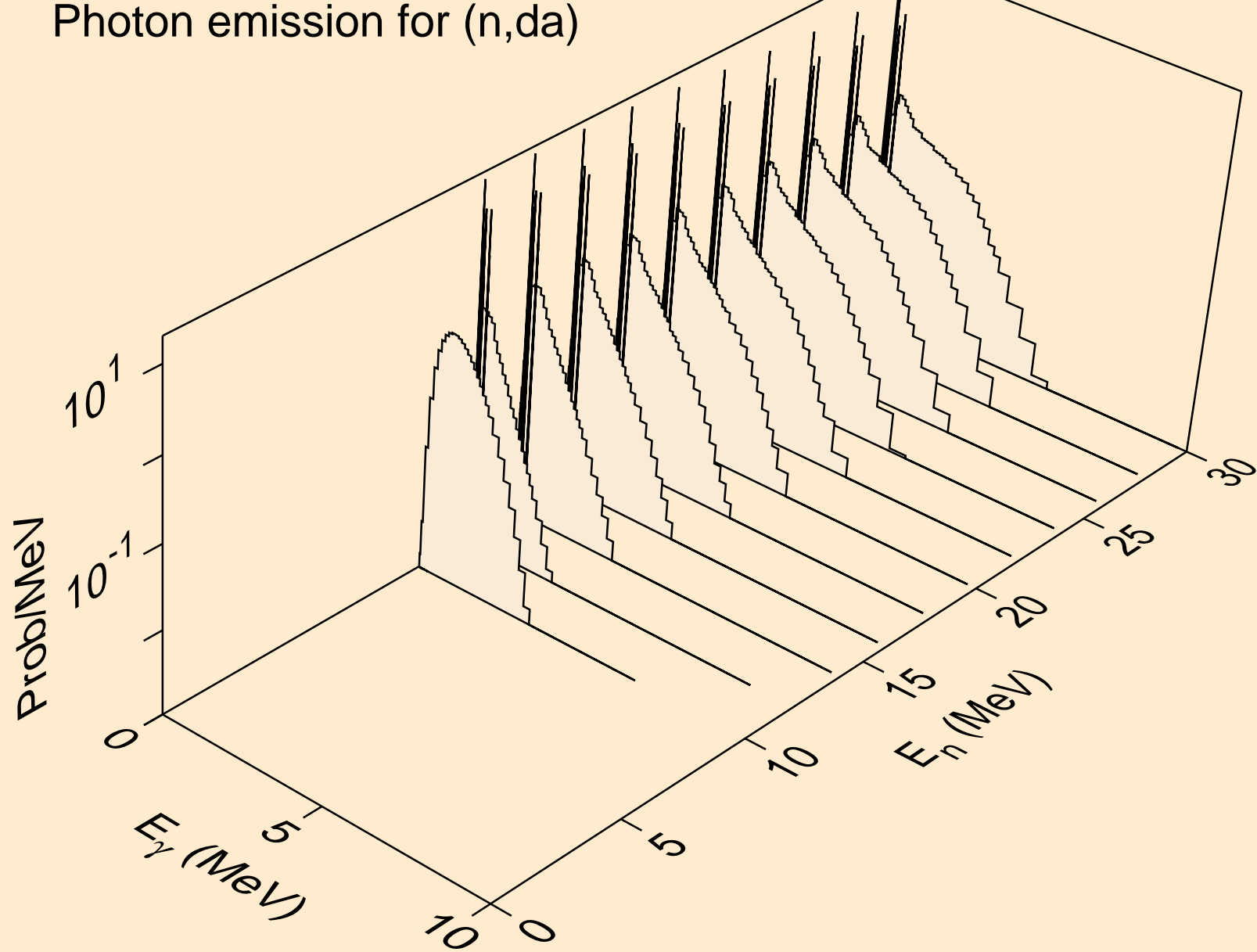
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Photon emission for (n,pd)



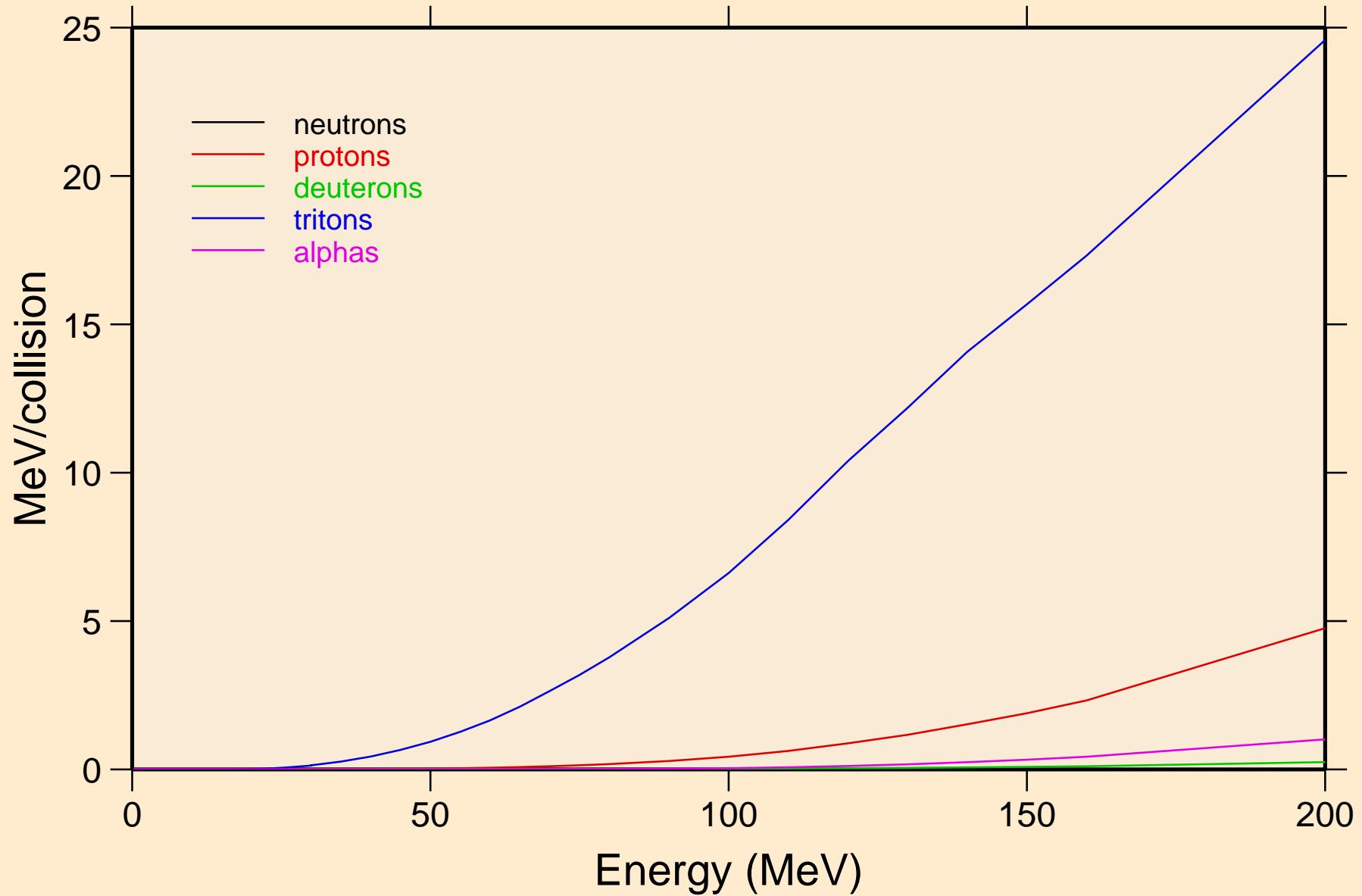
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Photon emission for (n,pt)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

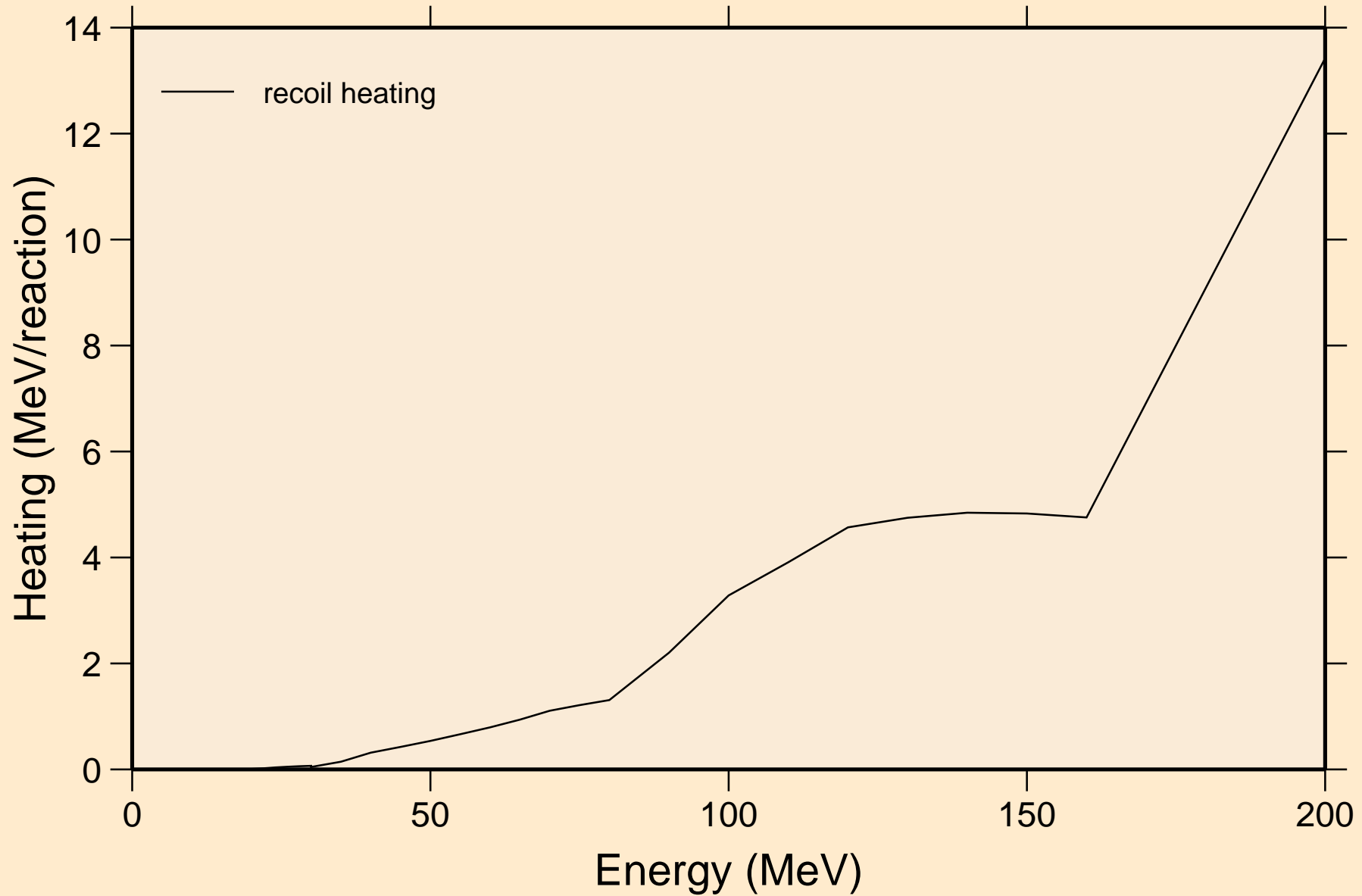


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

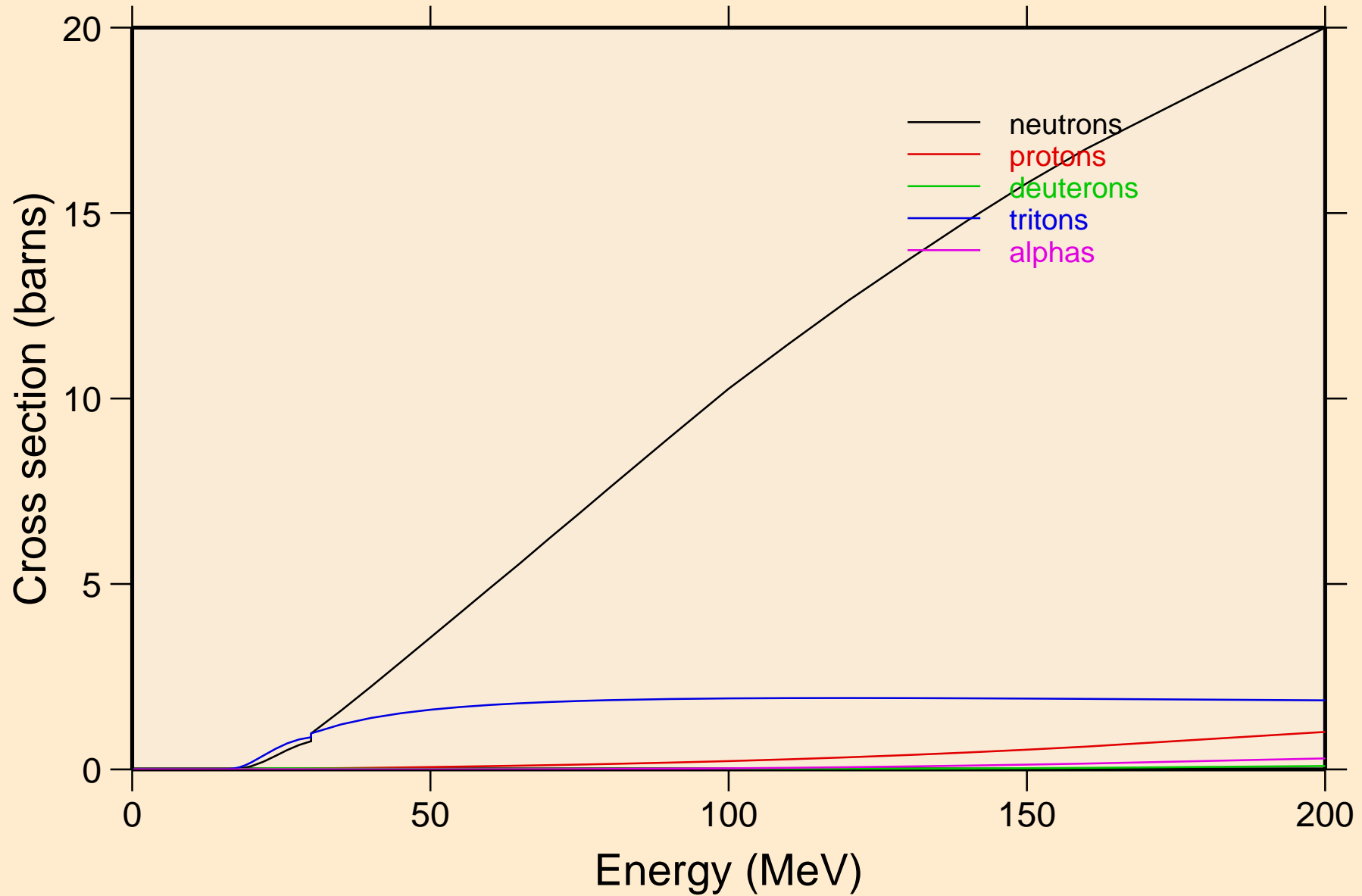




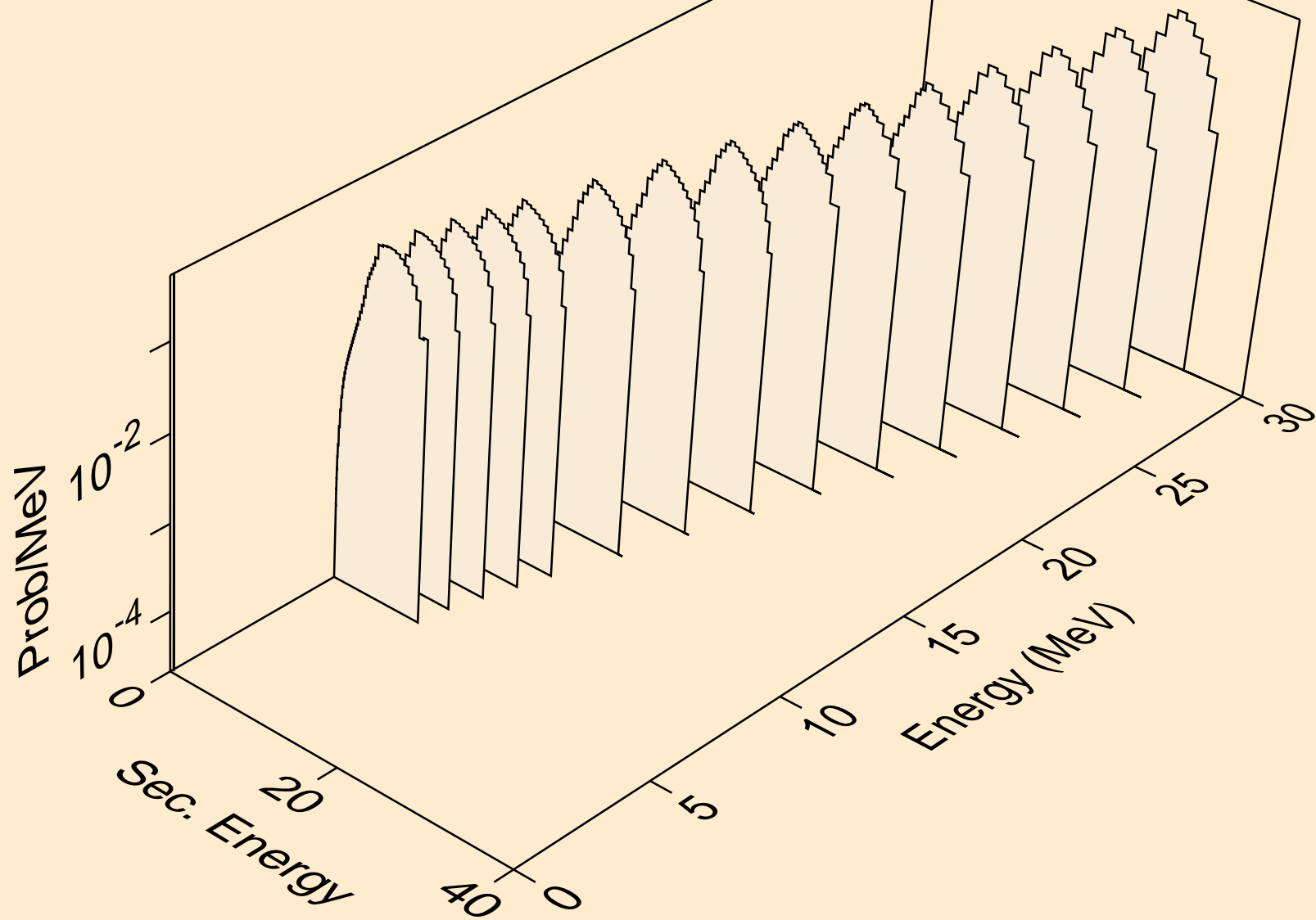
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Recoil Heating



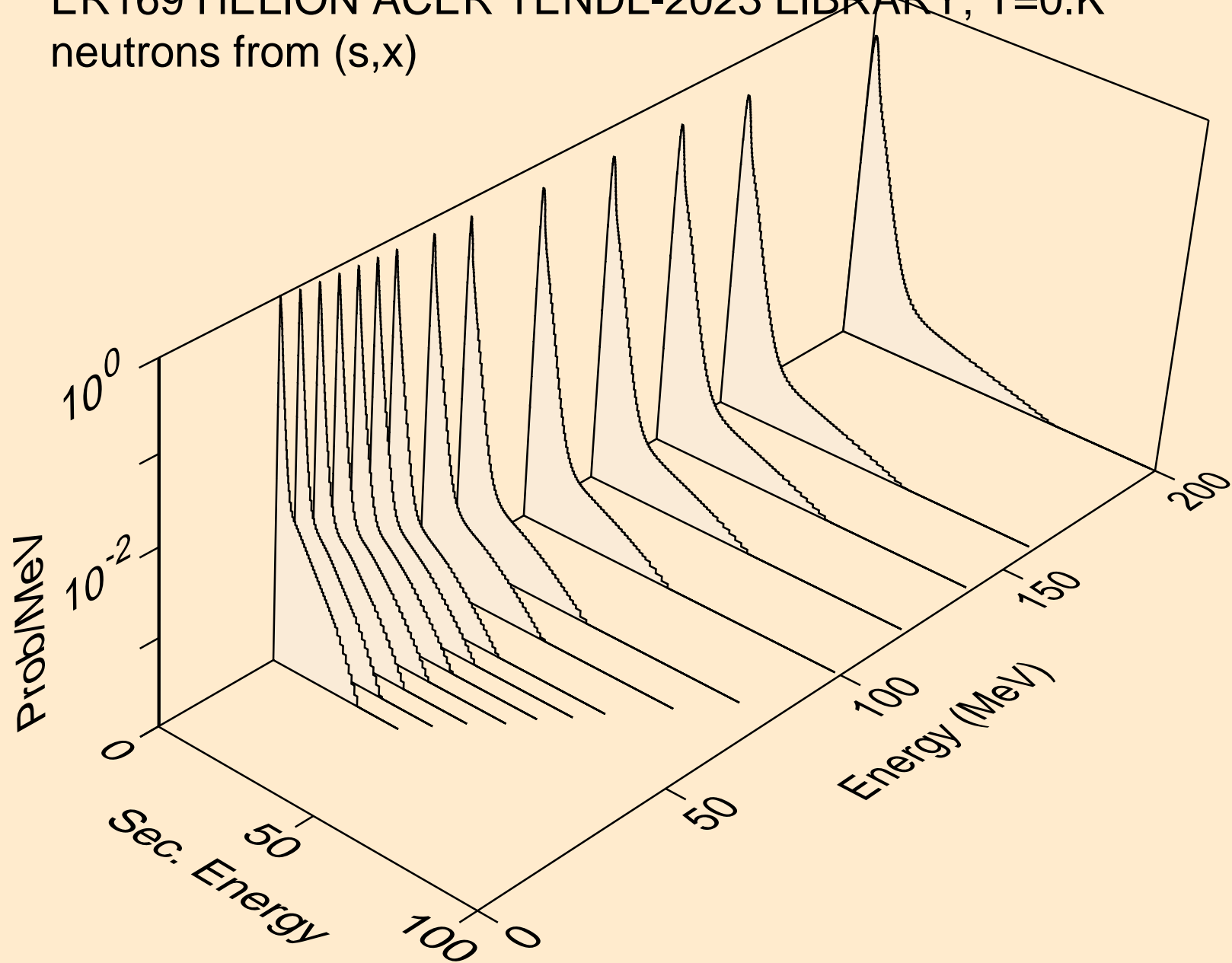
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



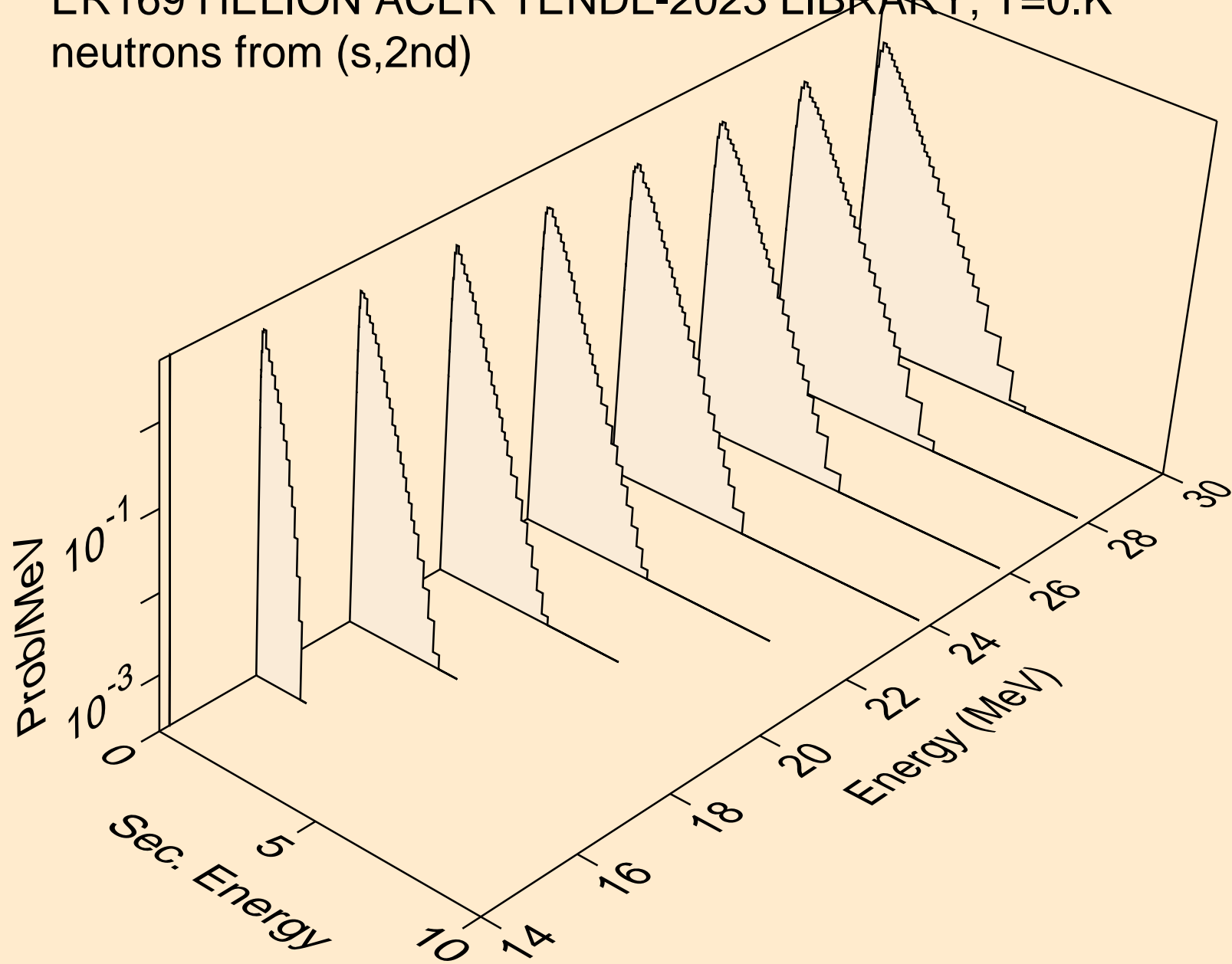
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



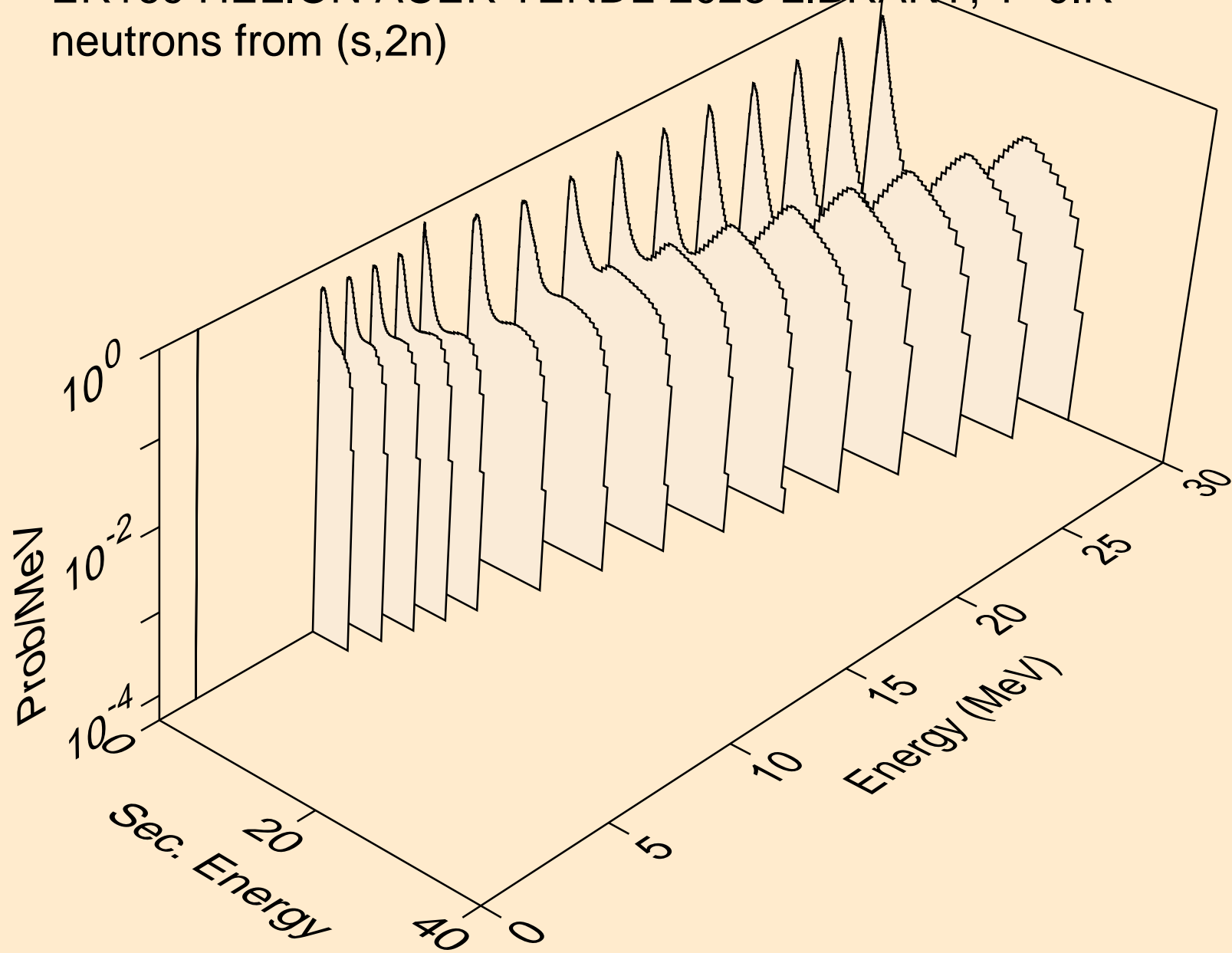
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neutrons from (s,x)



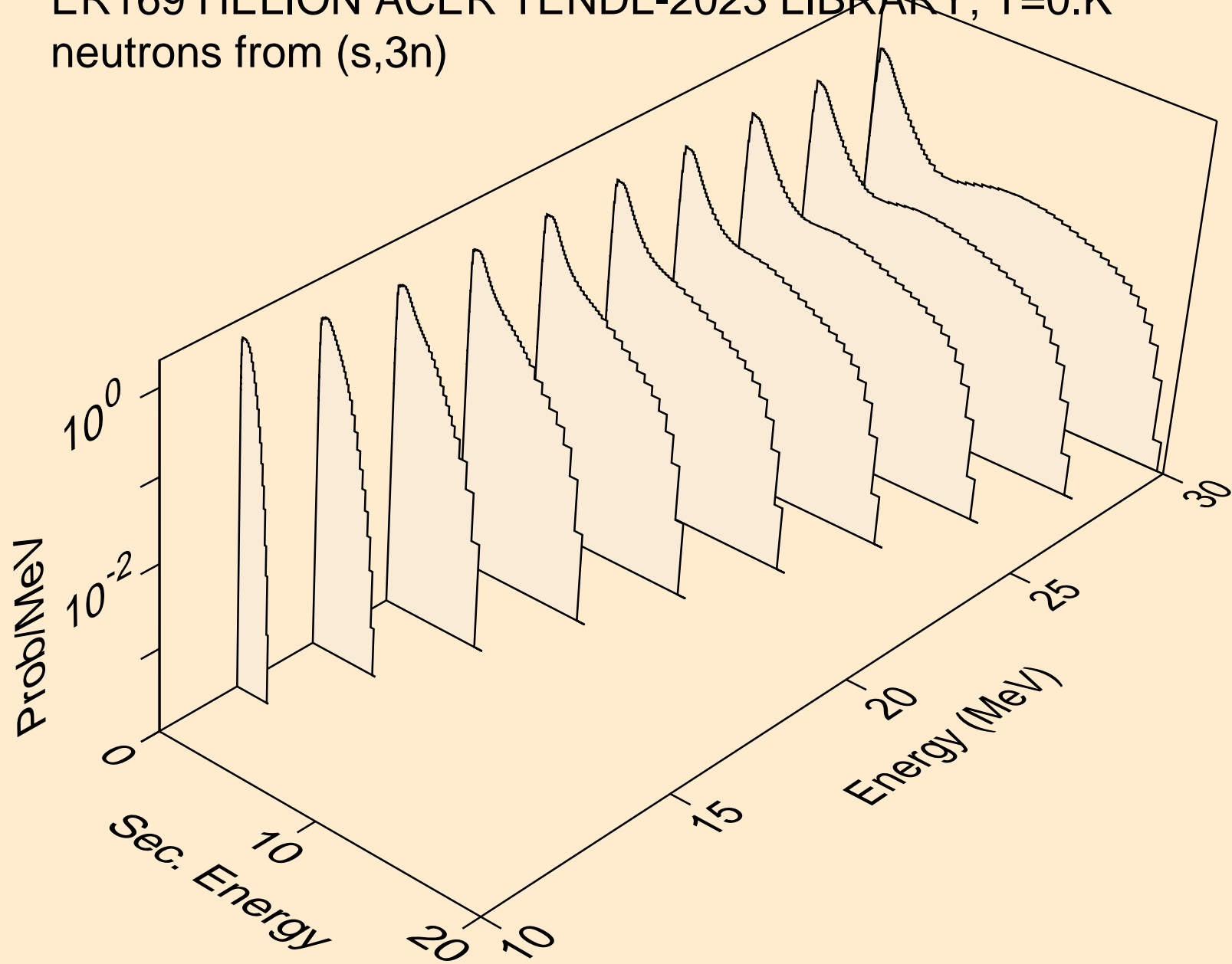
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neutrons from (s,2nd)



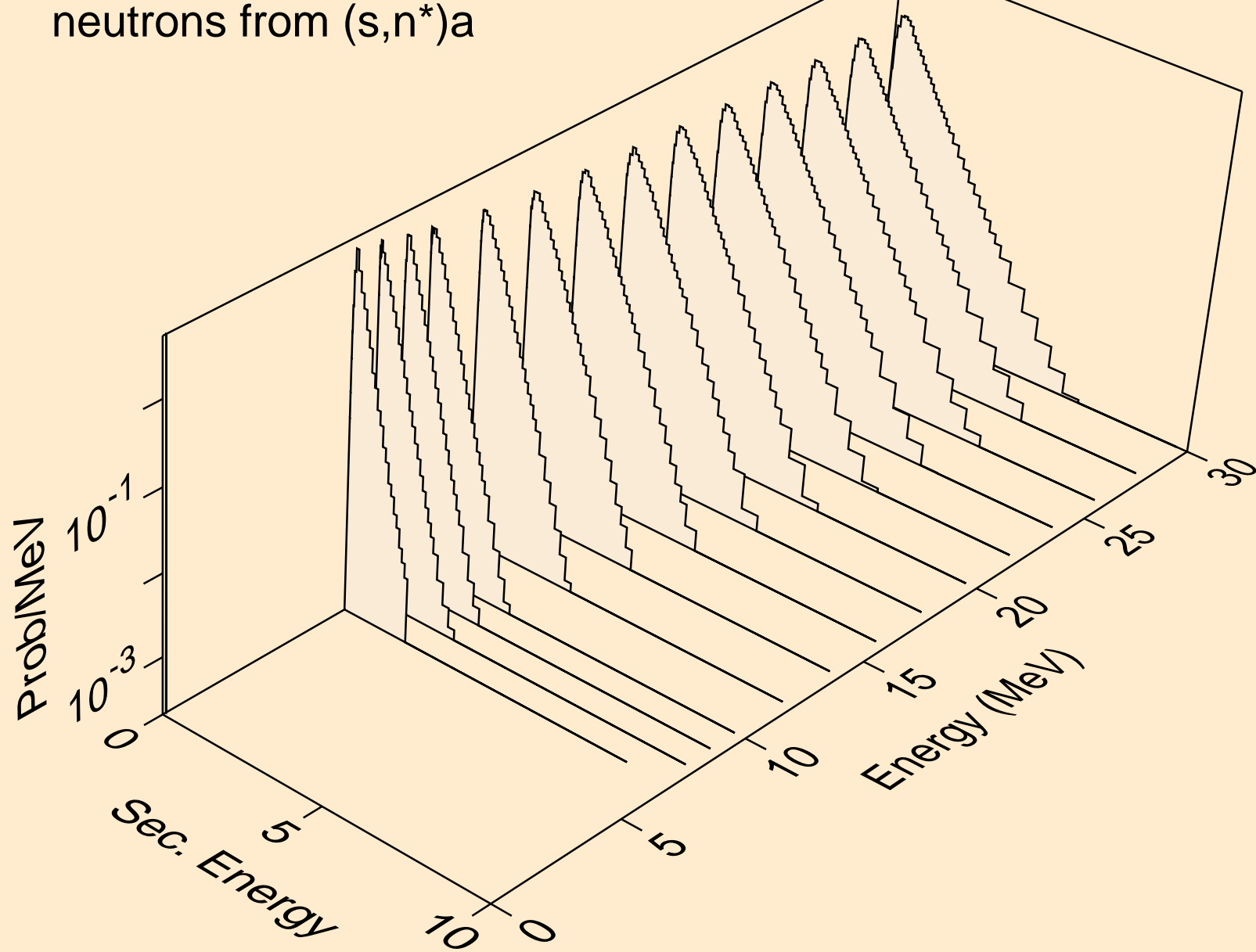
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

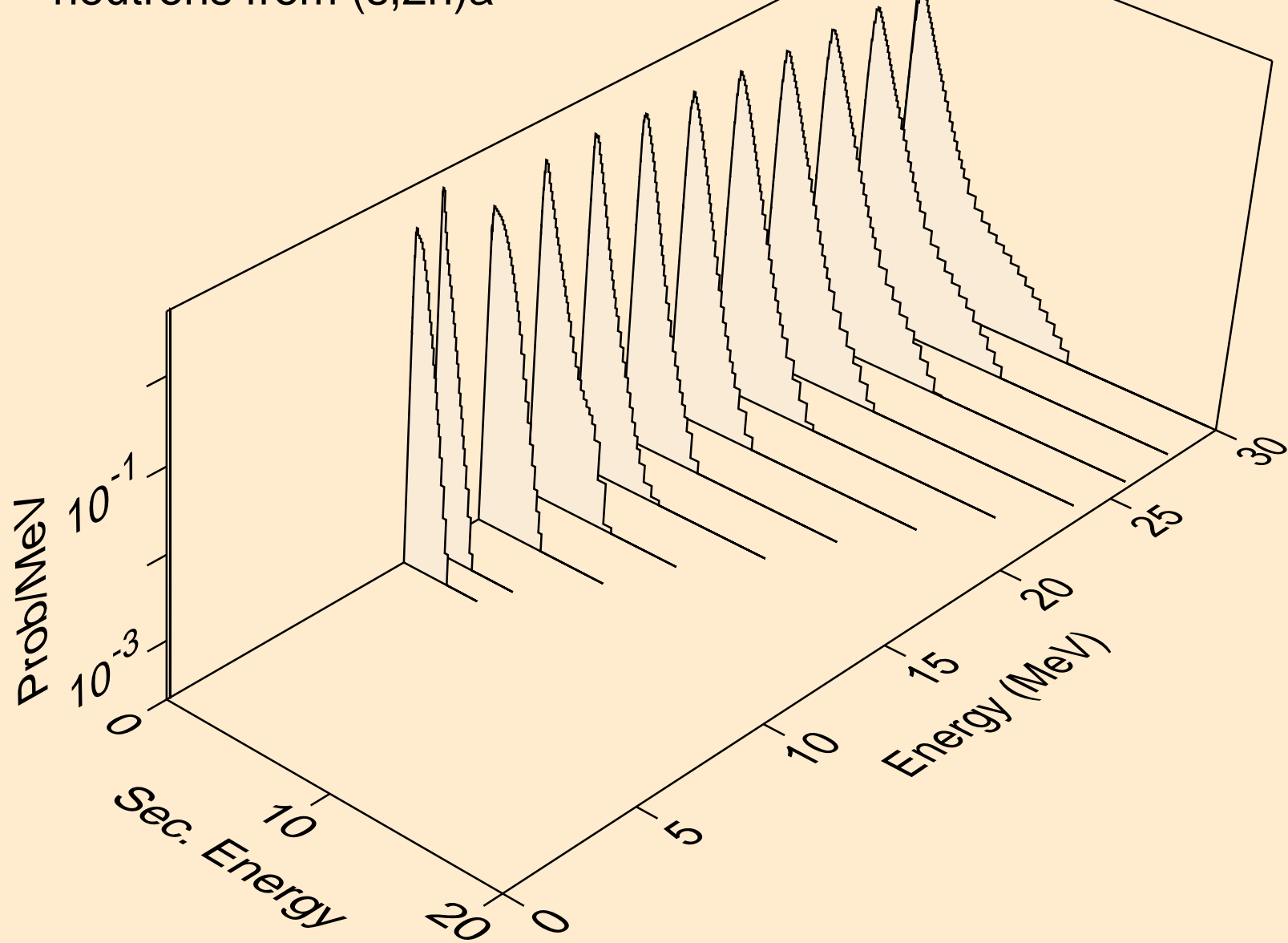


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

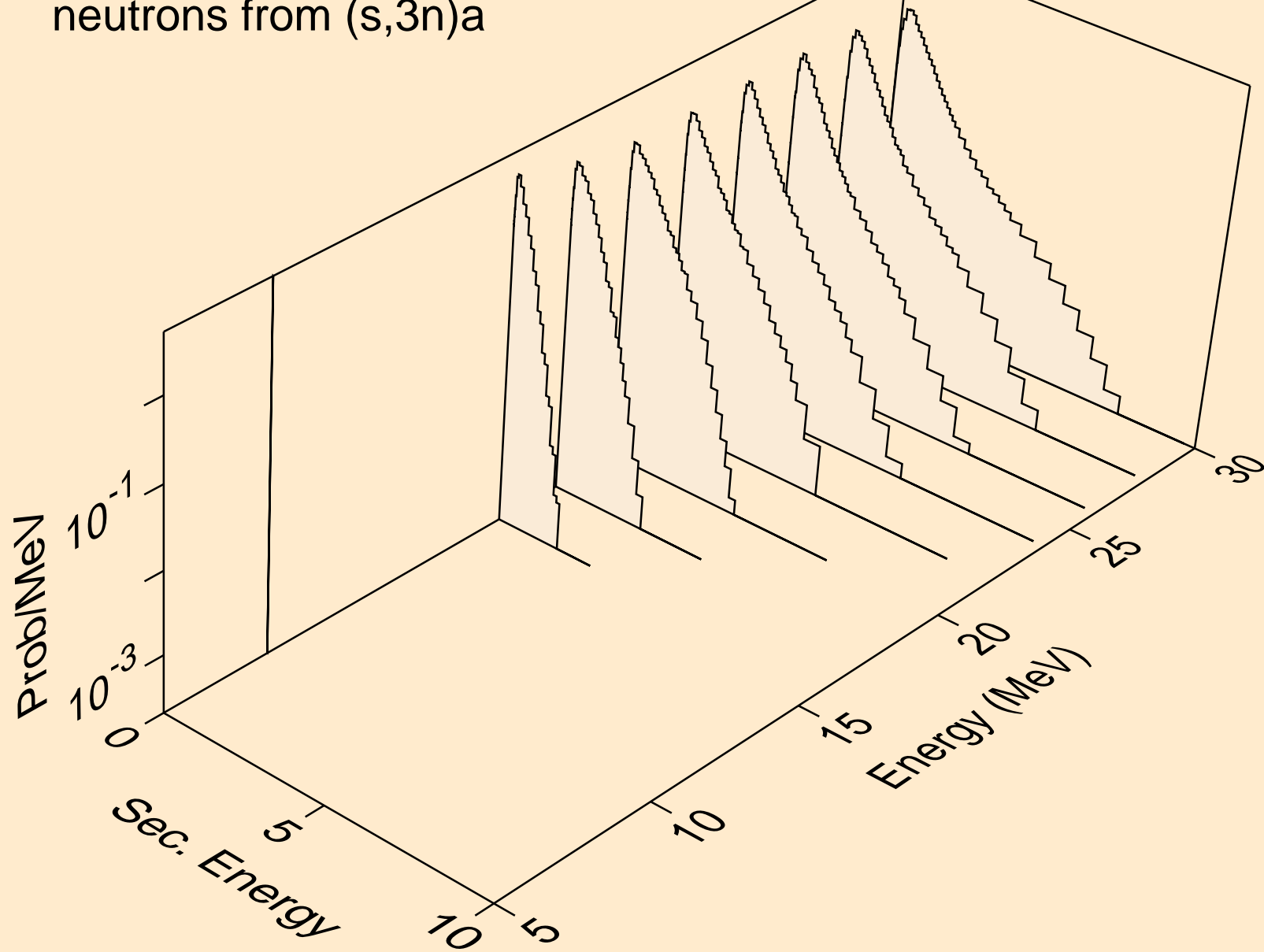




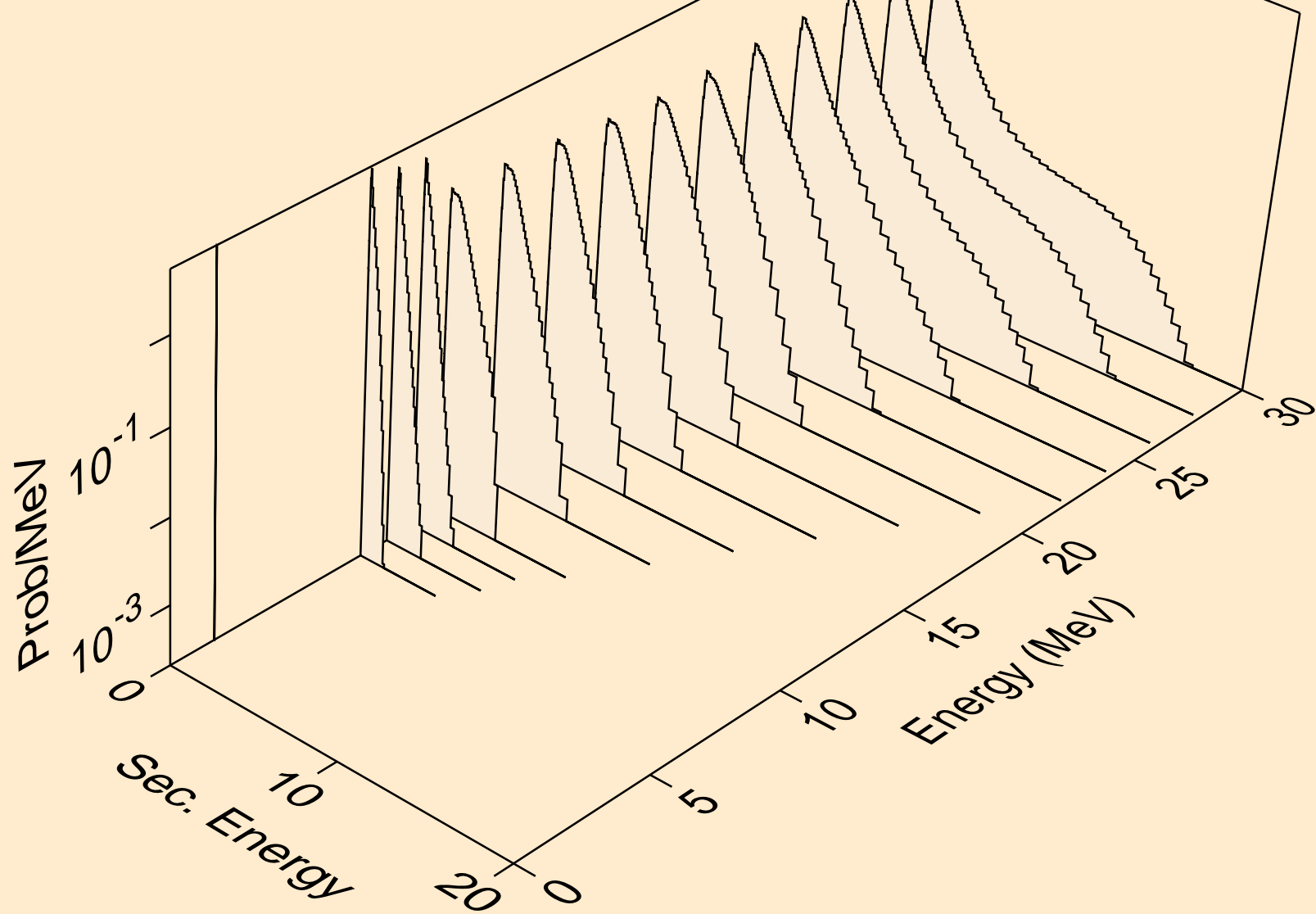
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neutrons from (s,2n)a



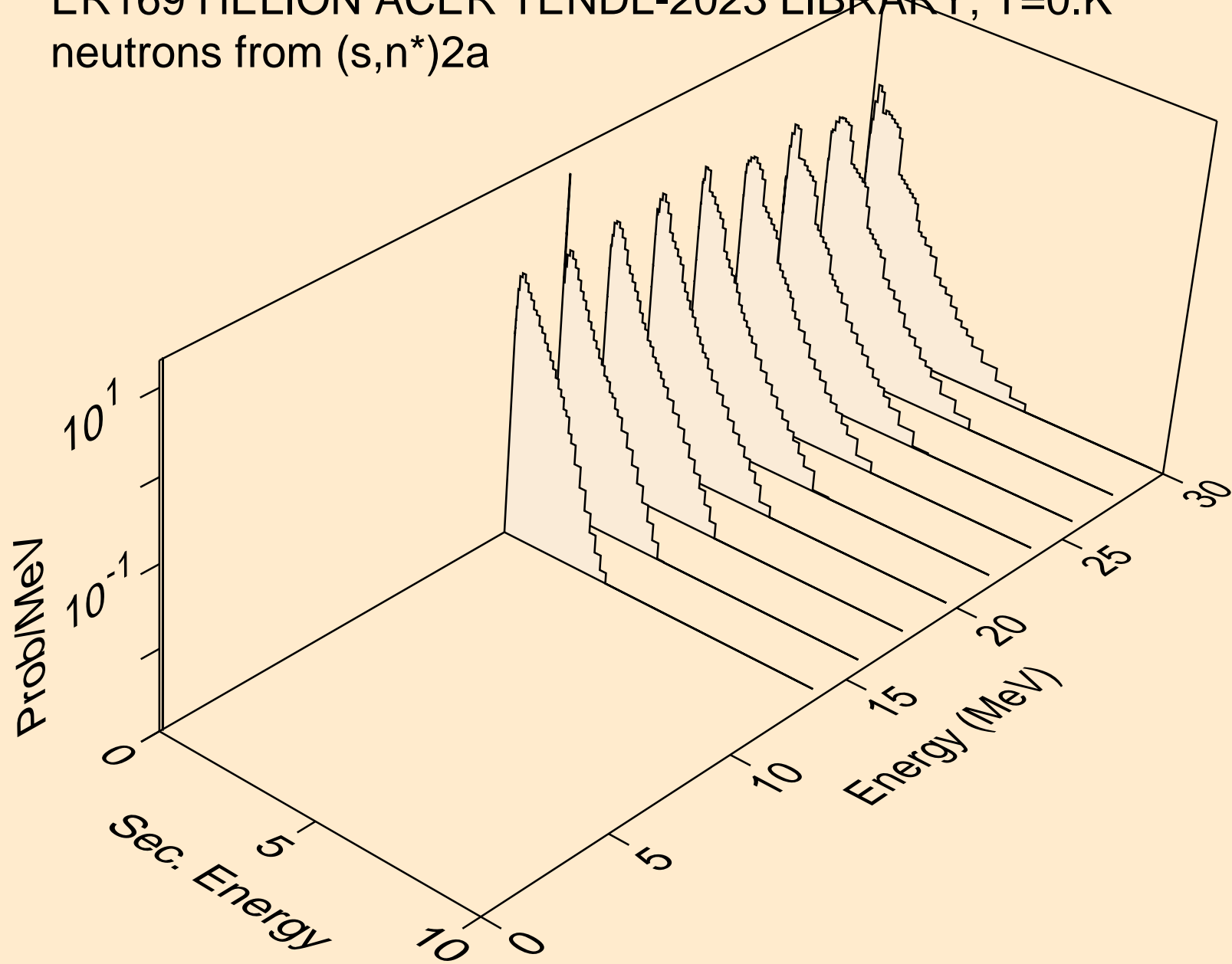
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neutrons from (s,3n)a



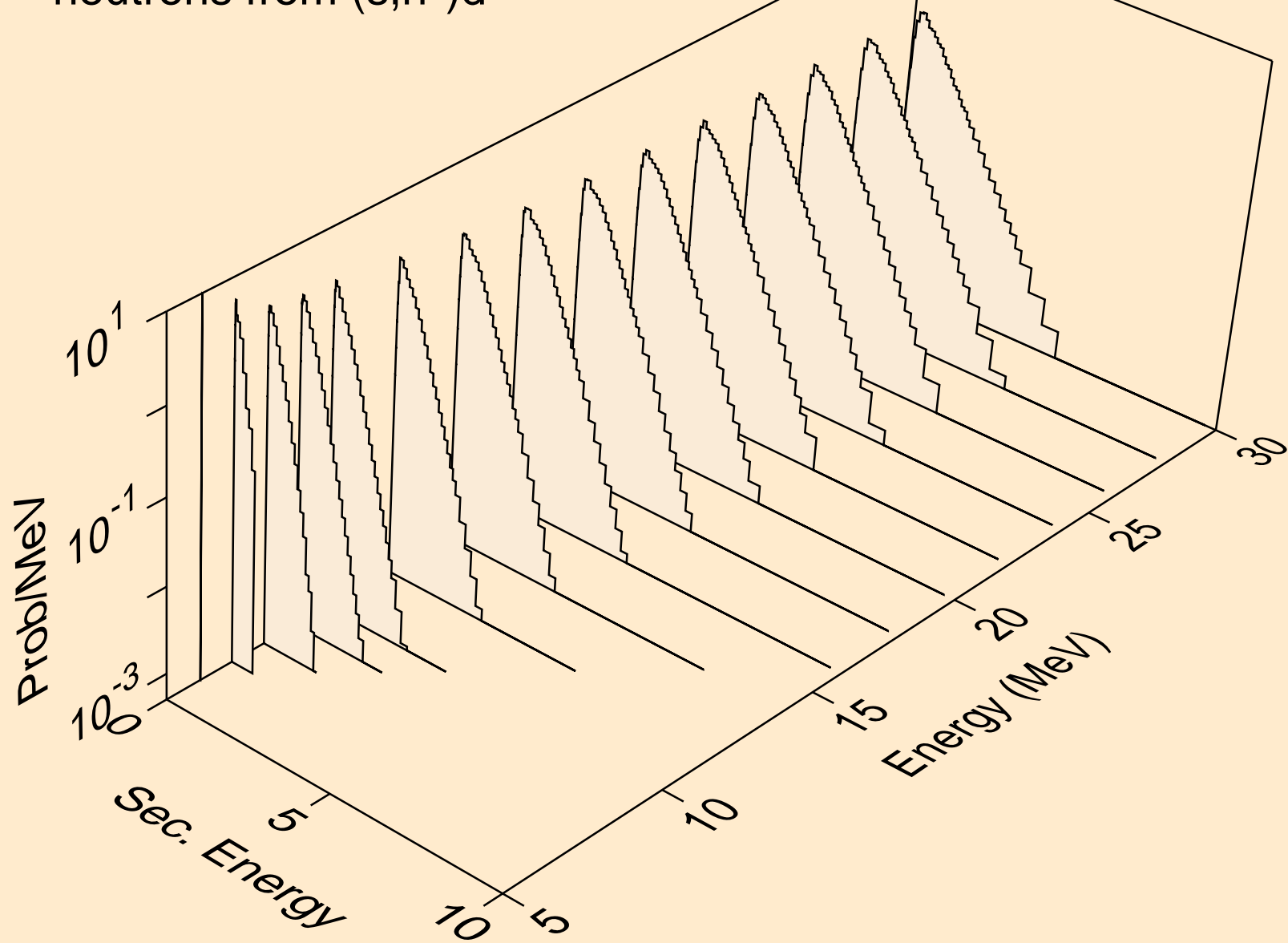
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



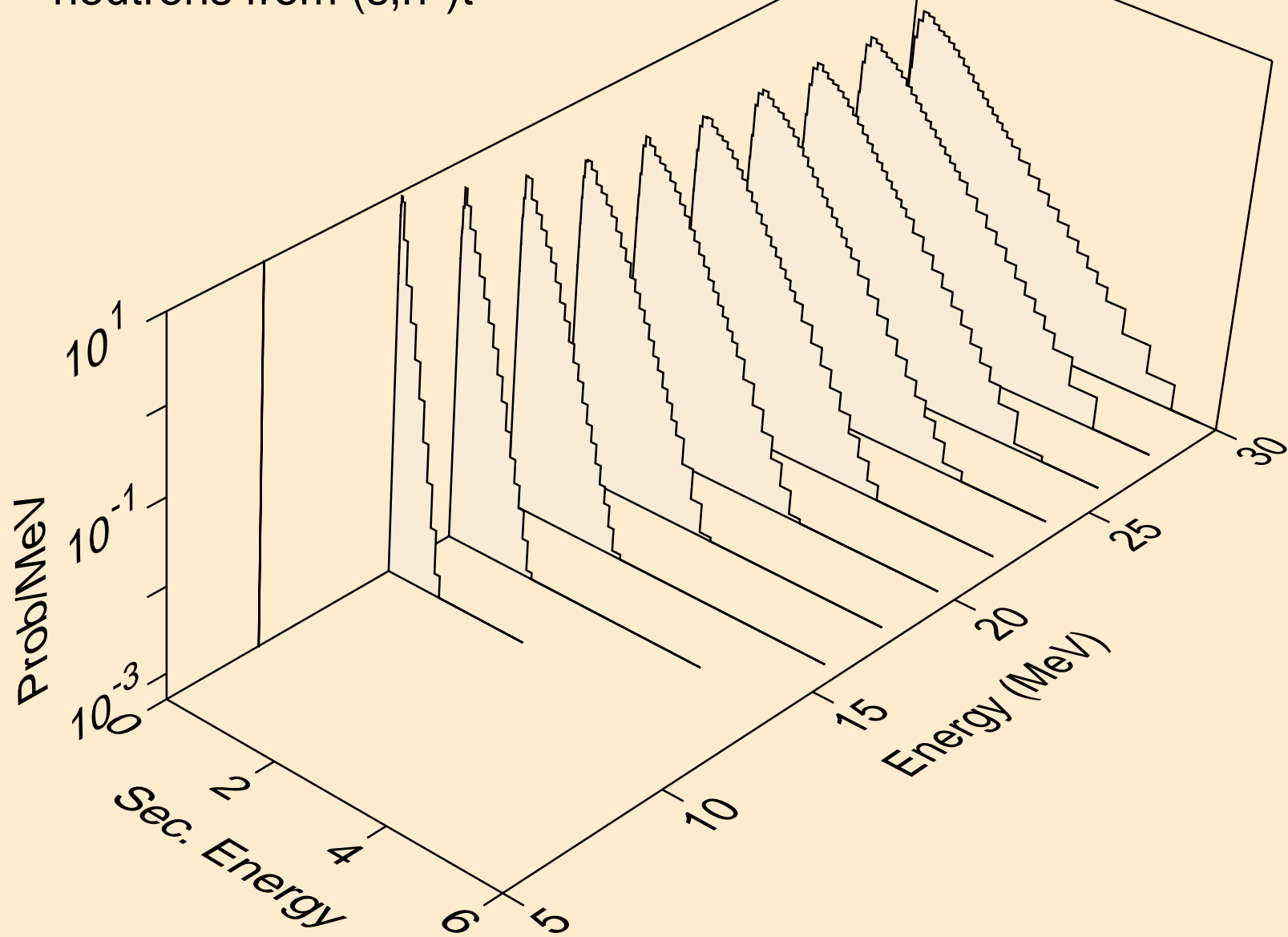
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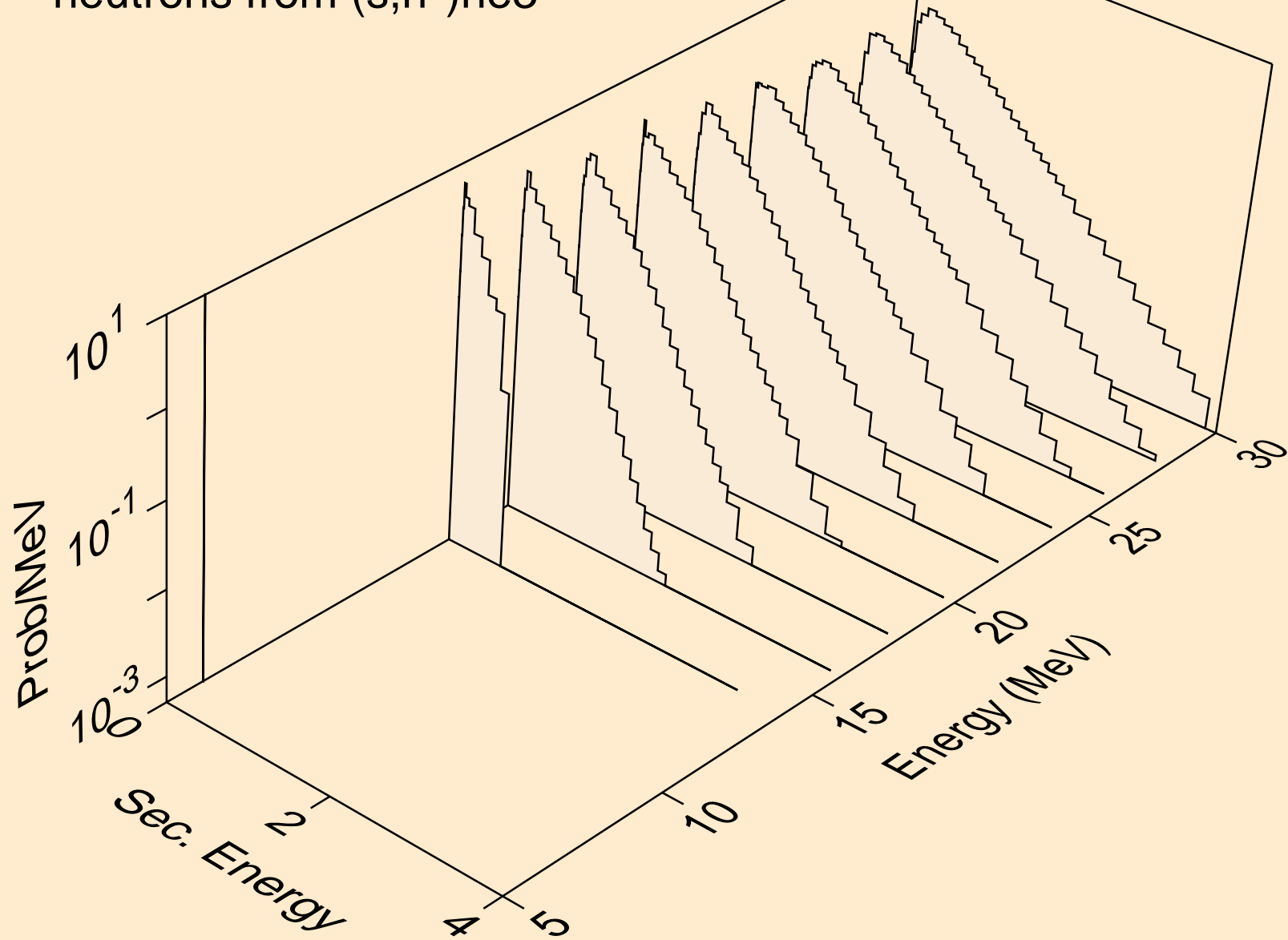
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neutrons from (s,n\*)d



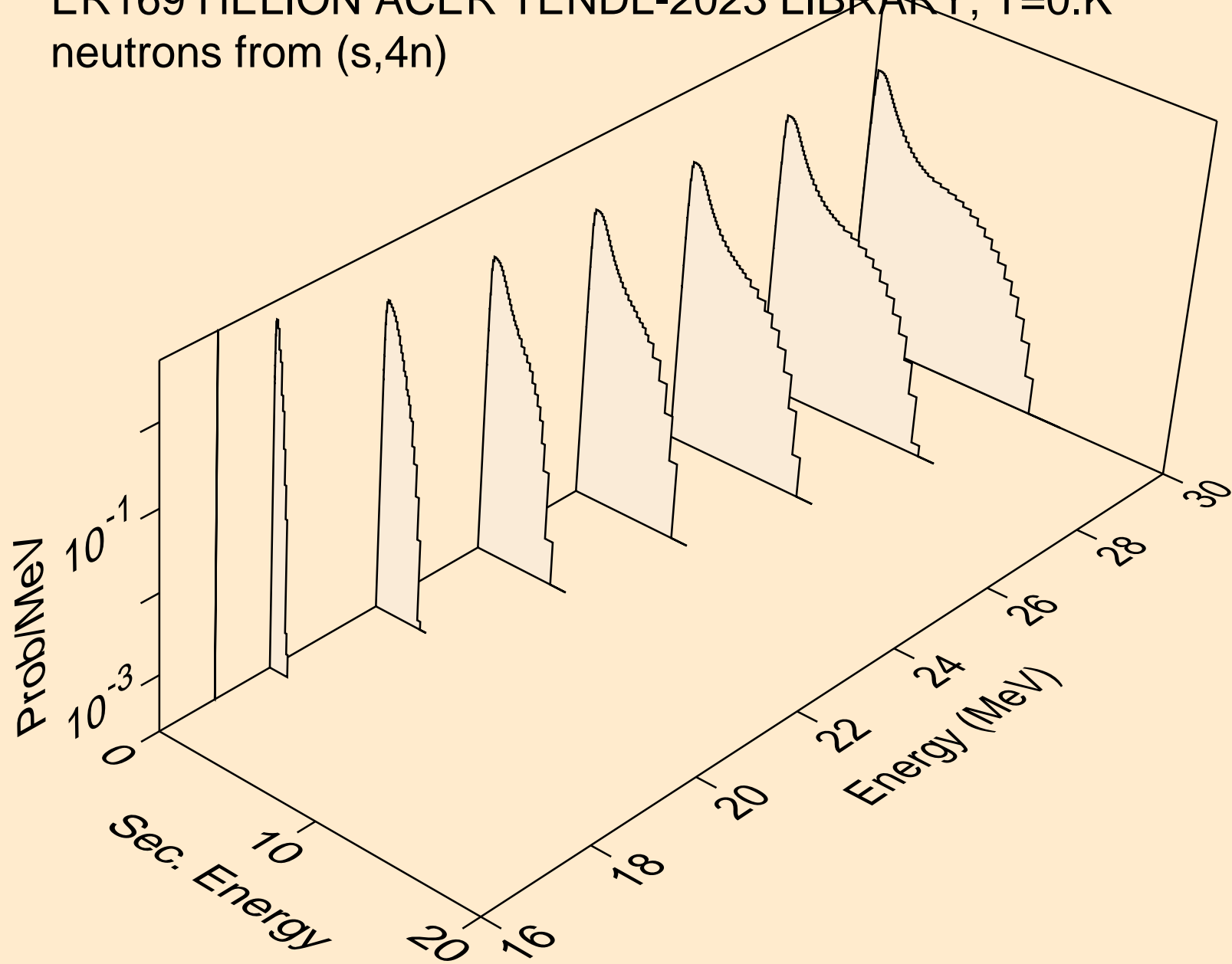
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

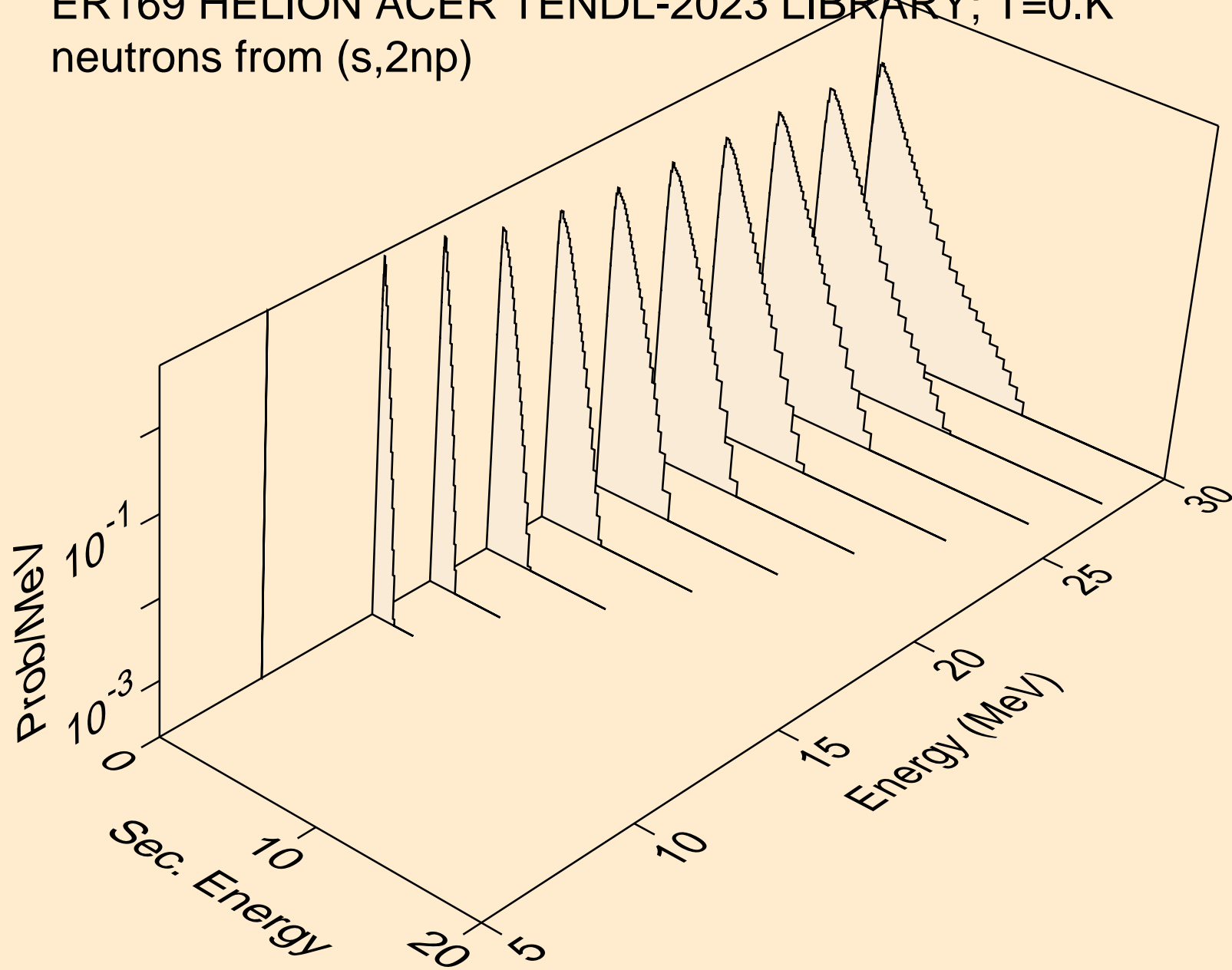


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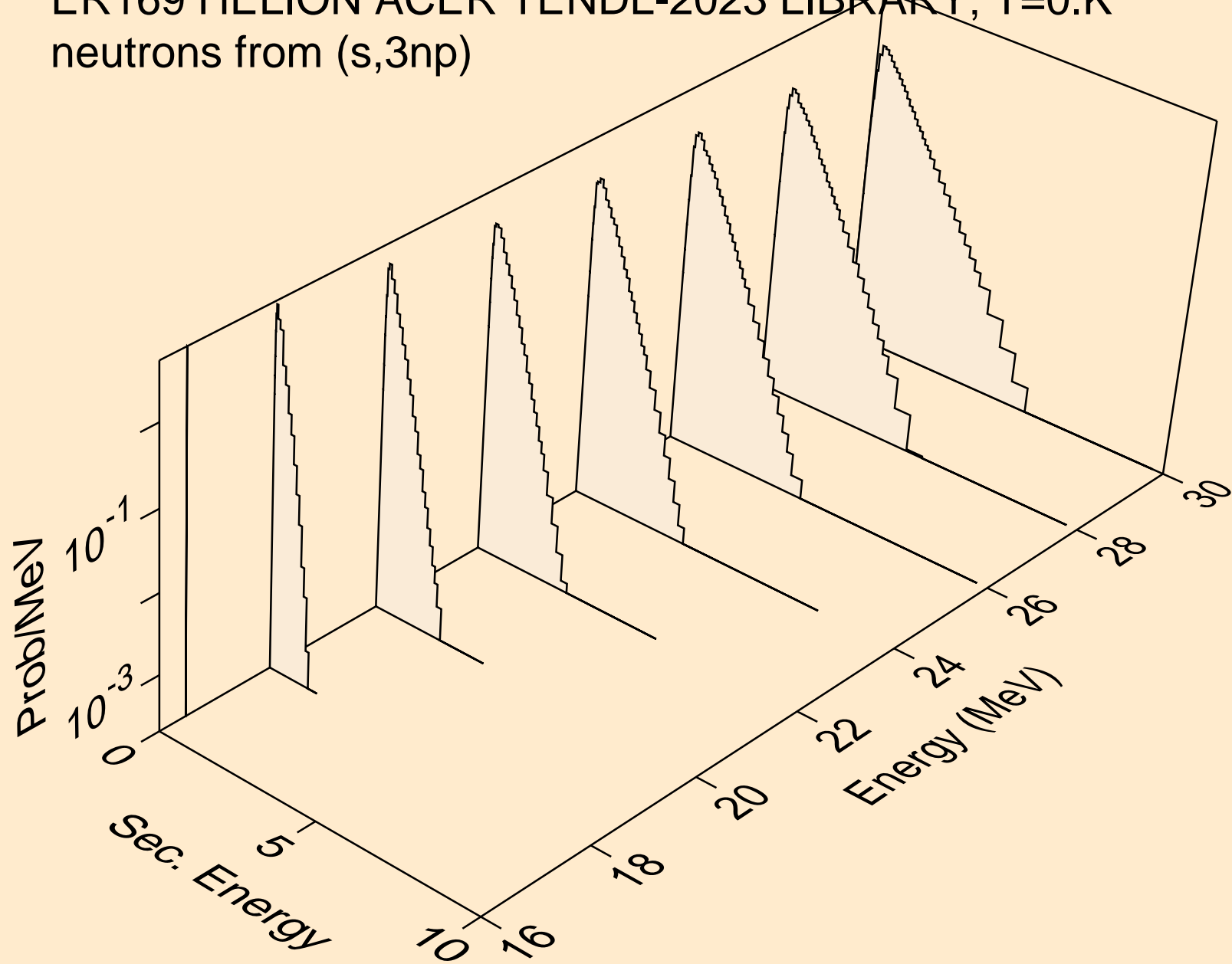




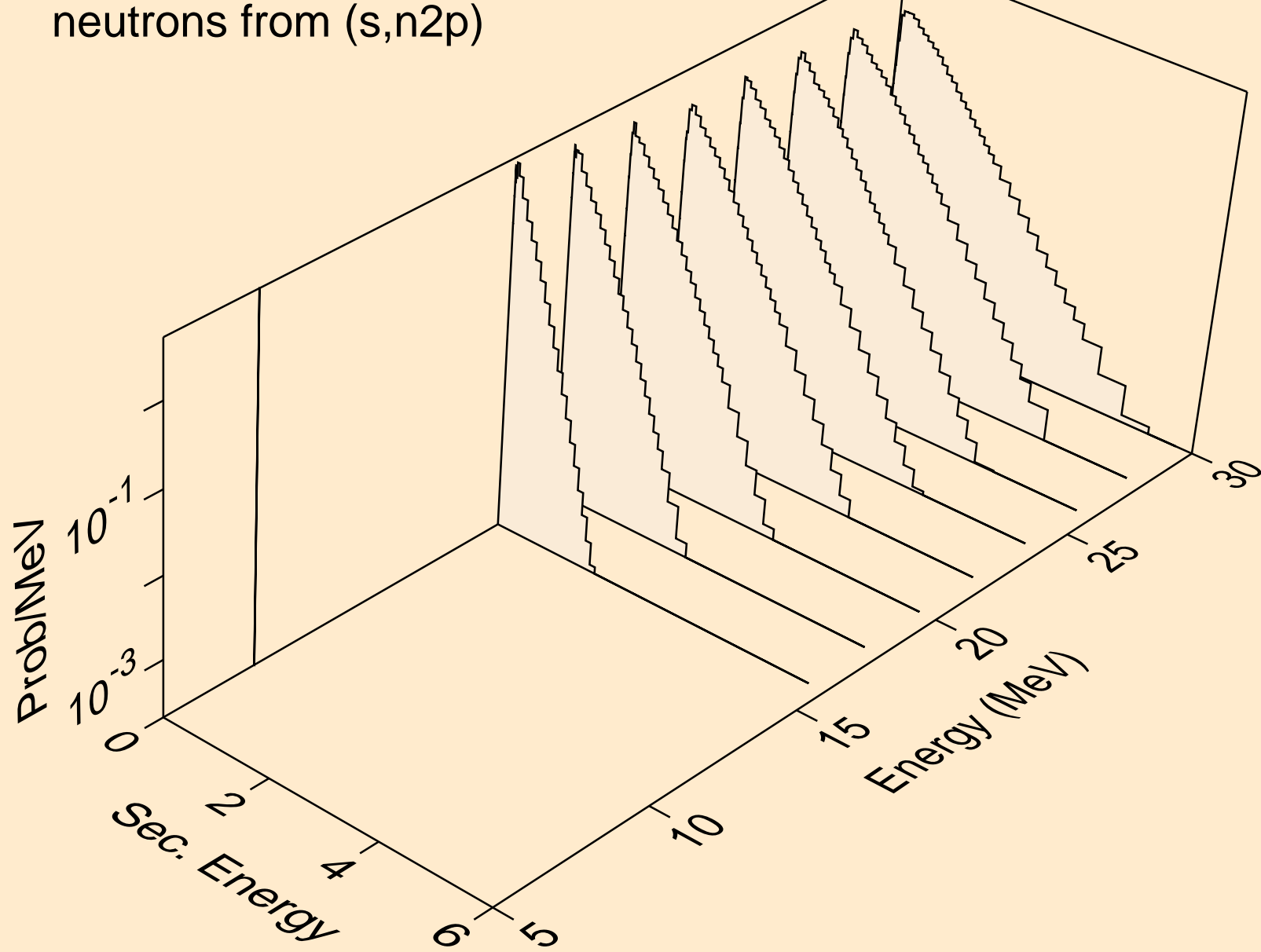
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neutrons from (s,2np)



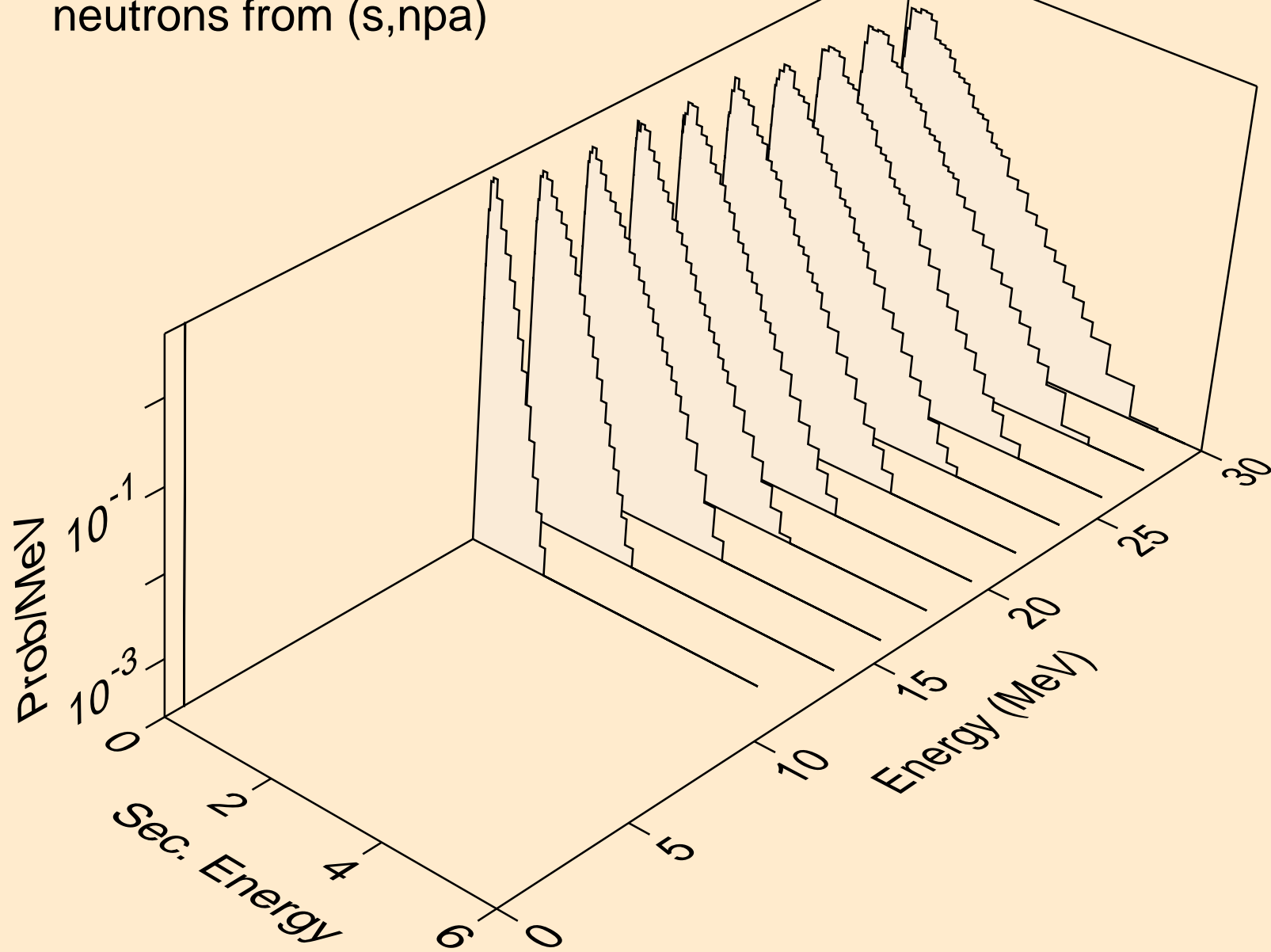
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neutrons from (s,3np)



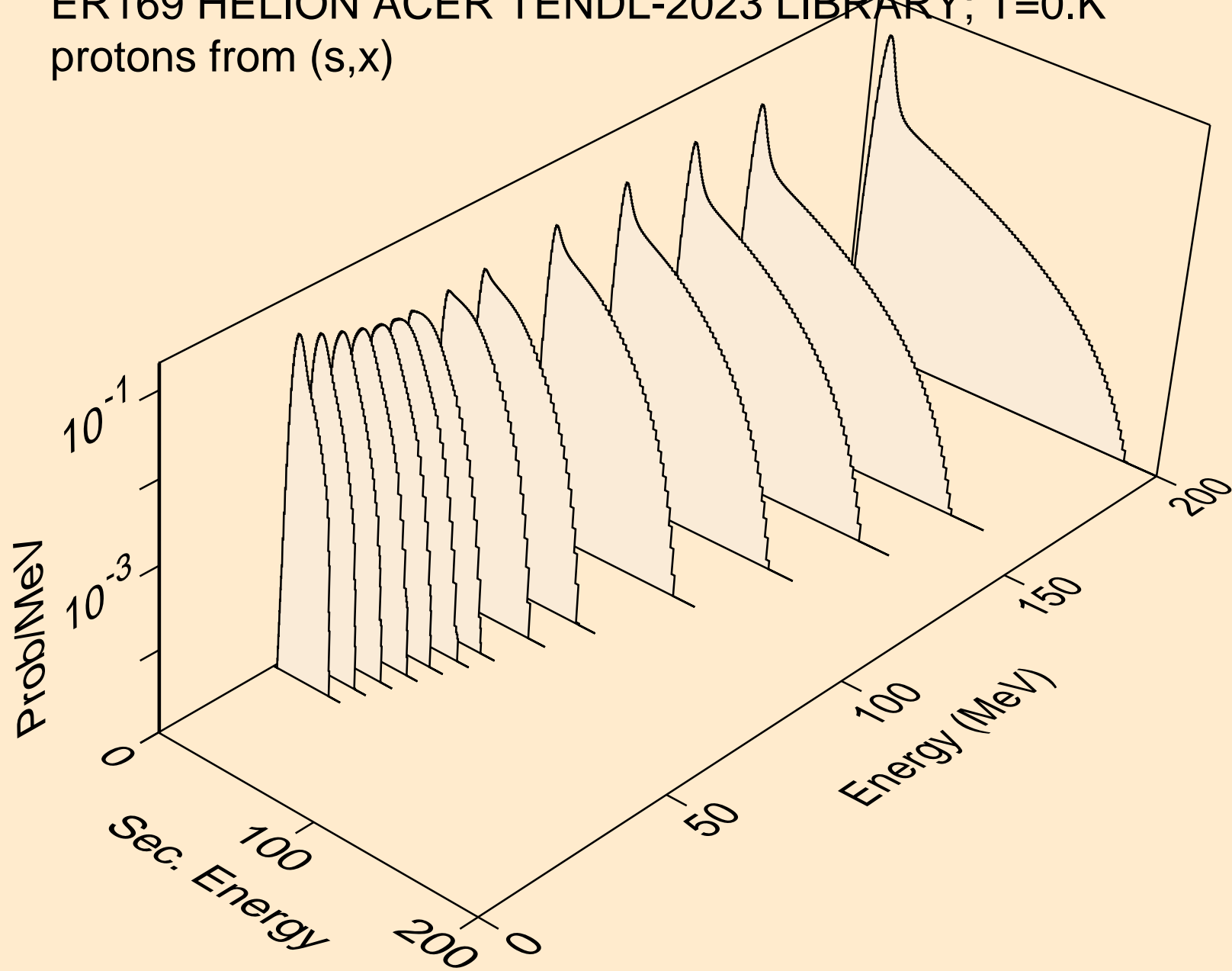
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neutrons from (s,n2p)



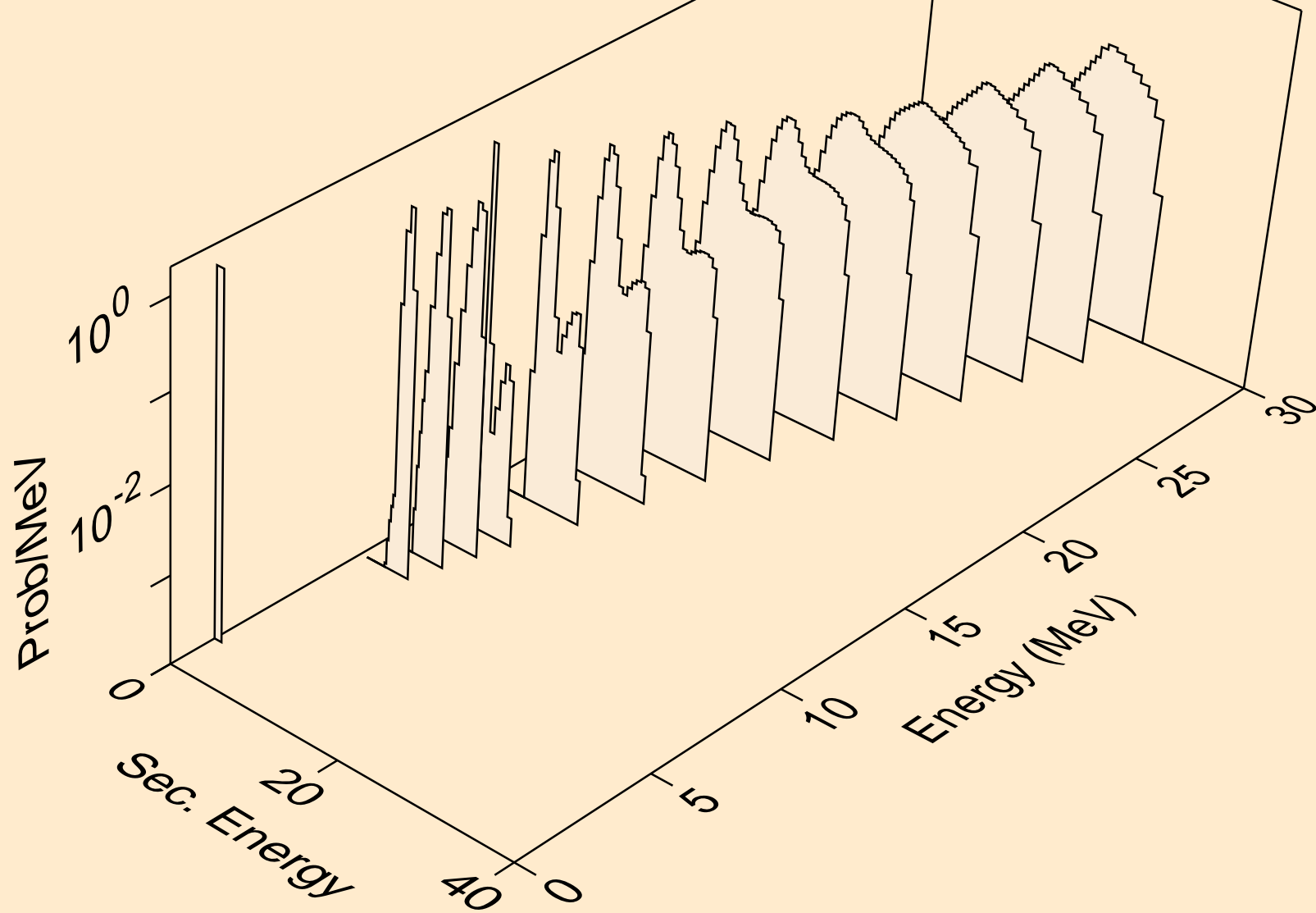
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)



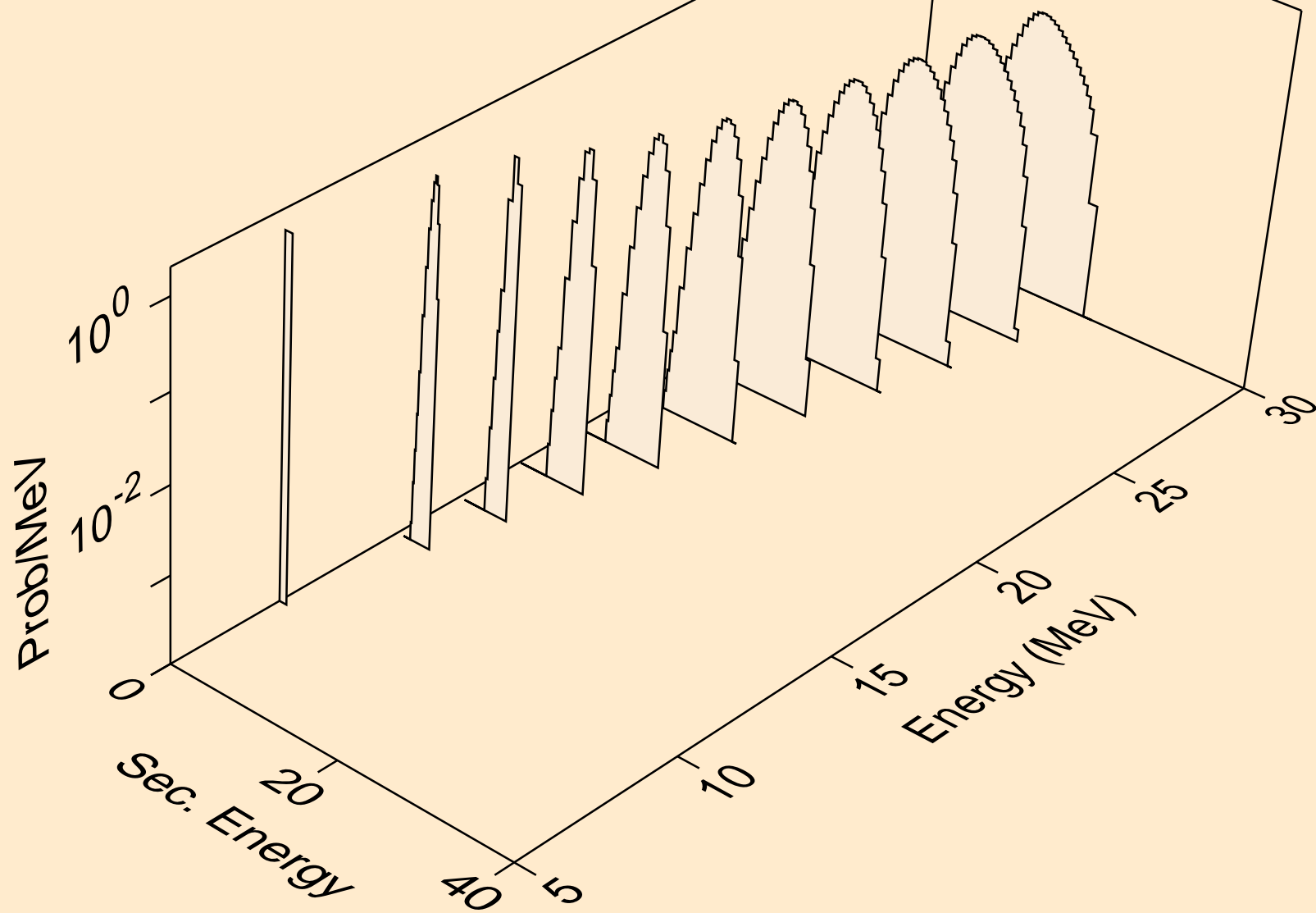
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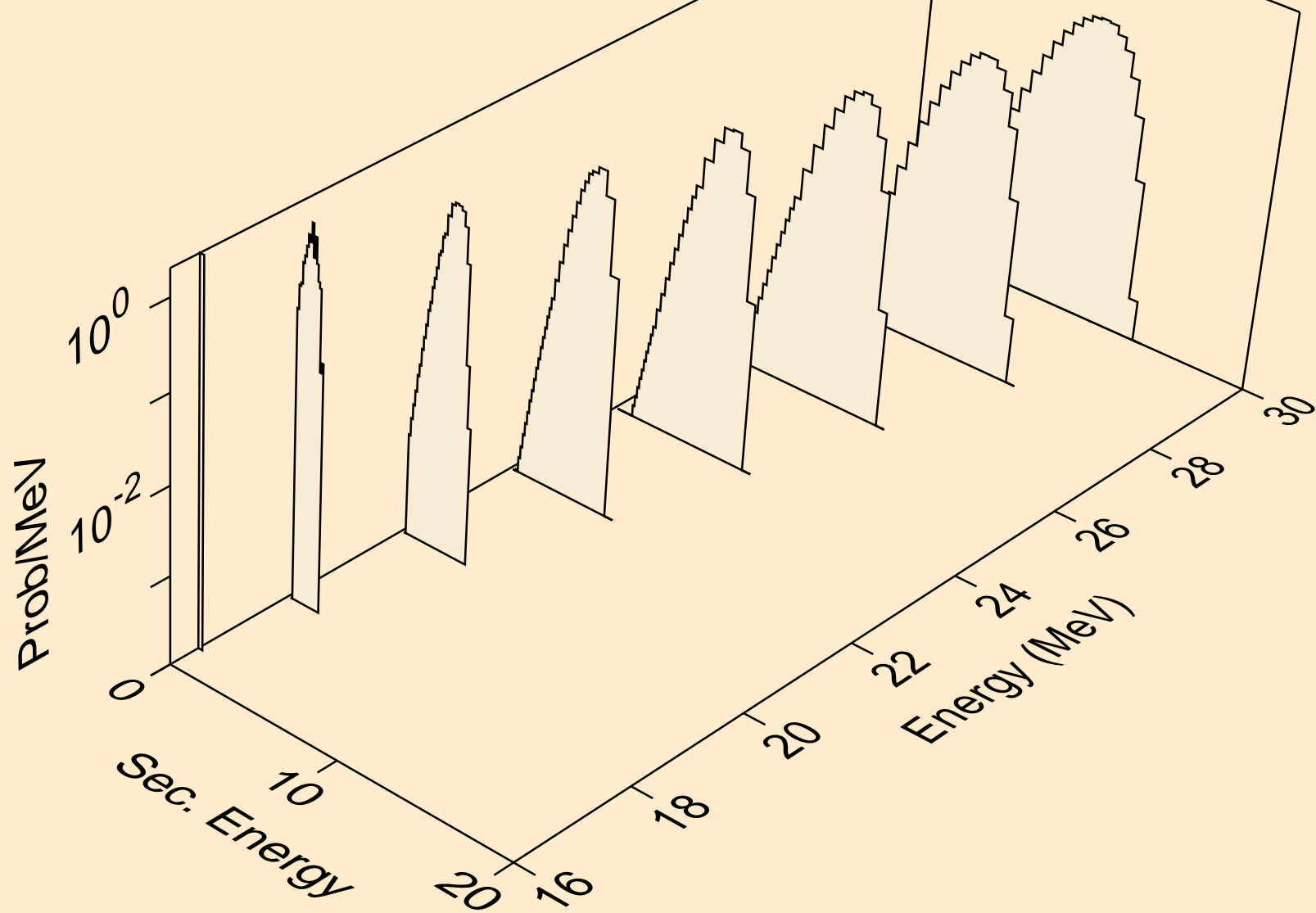
ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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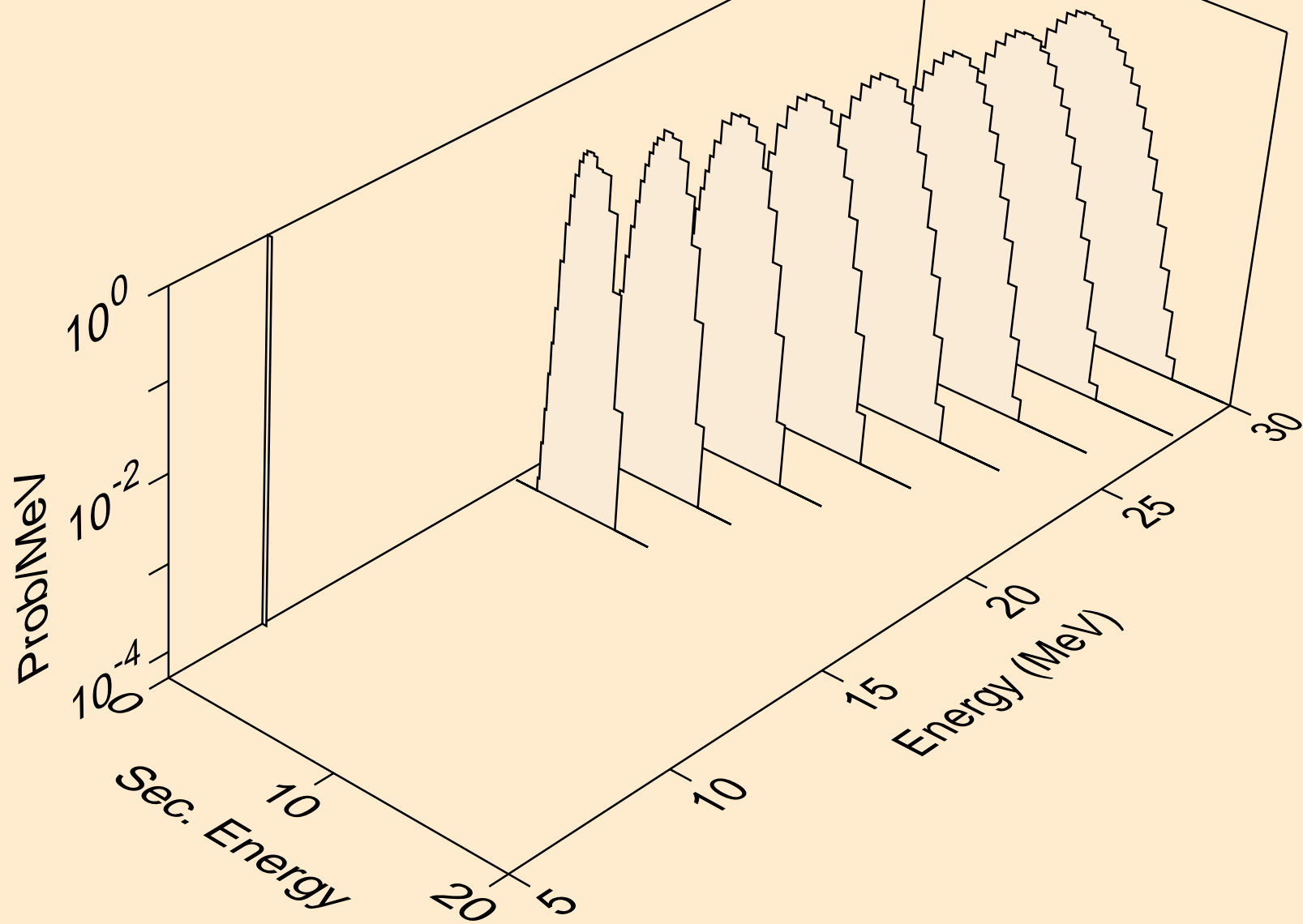


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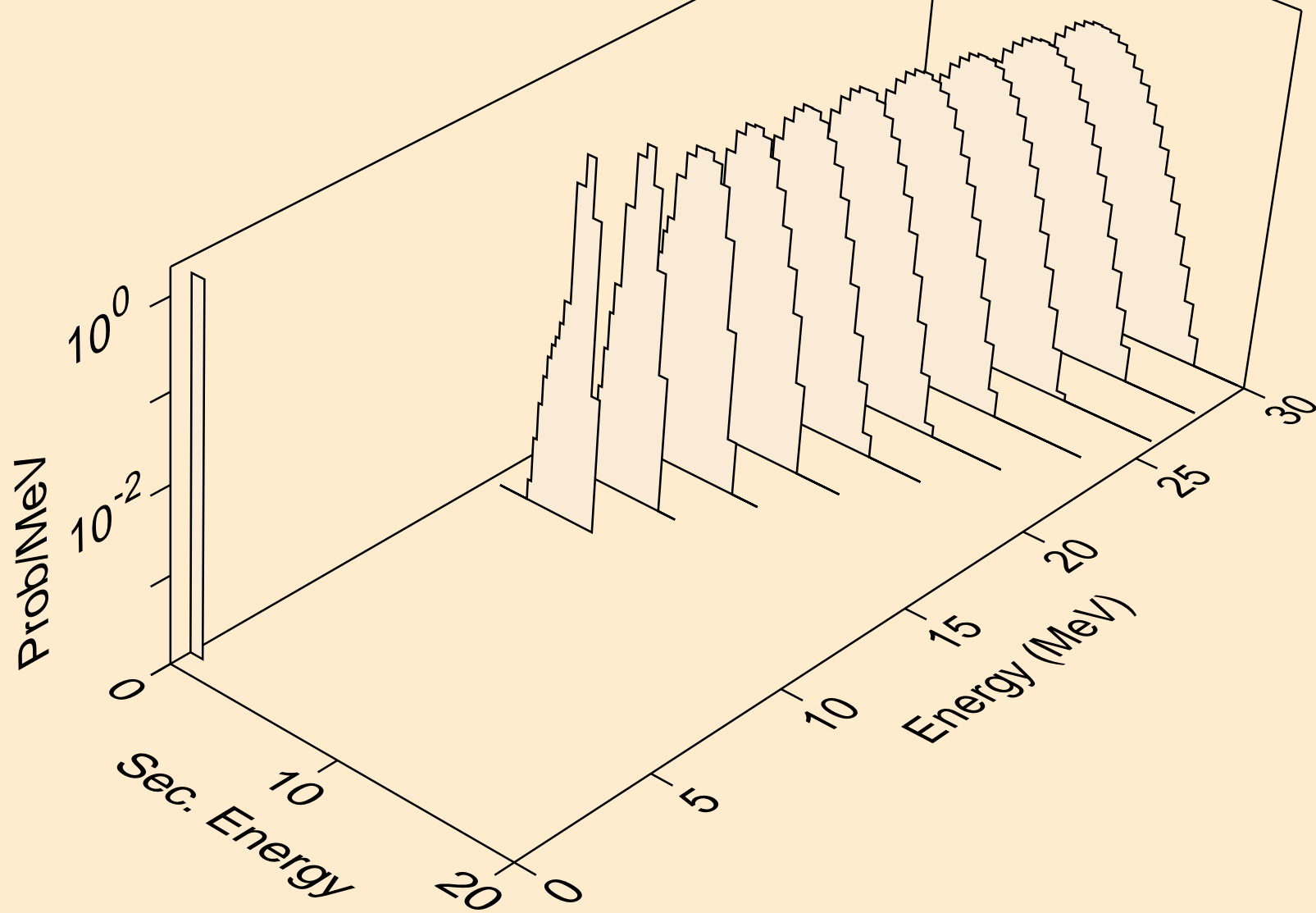




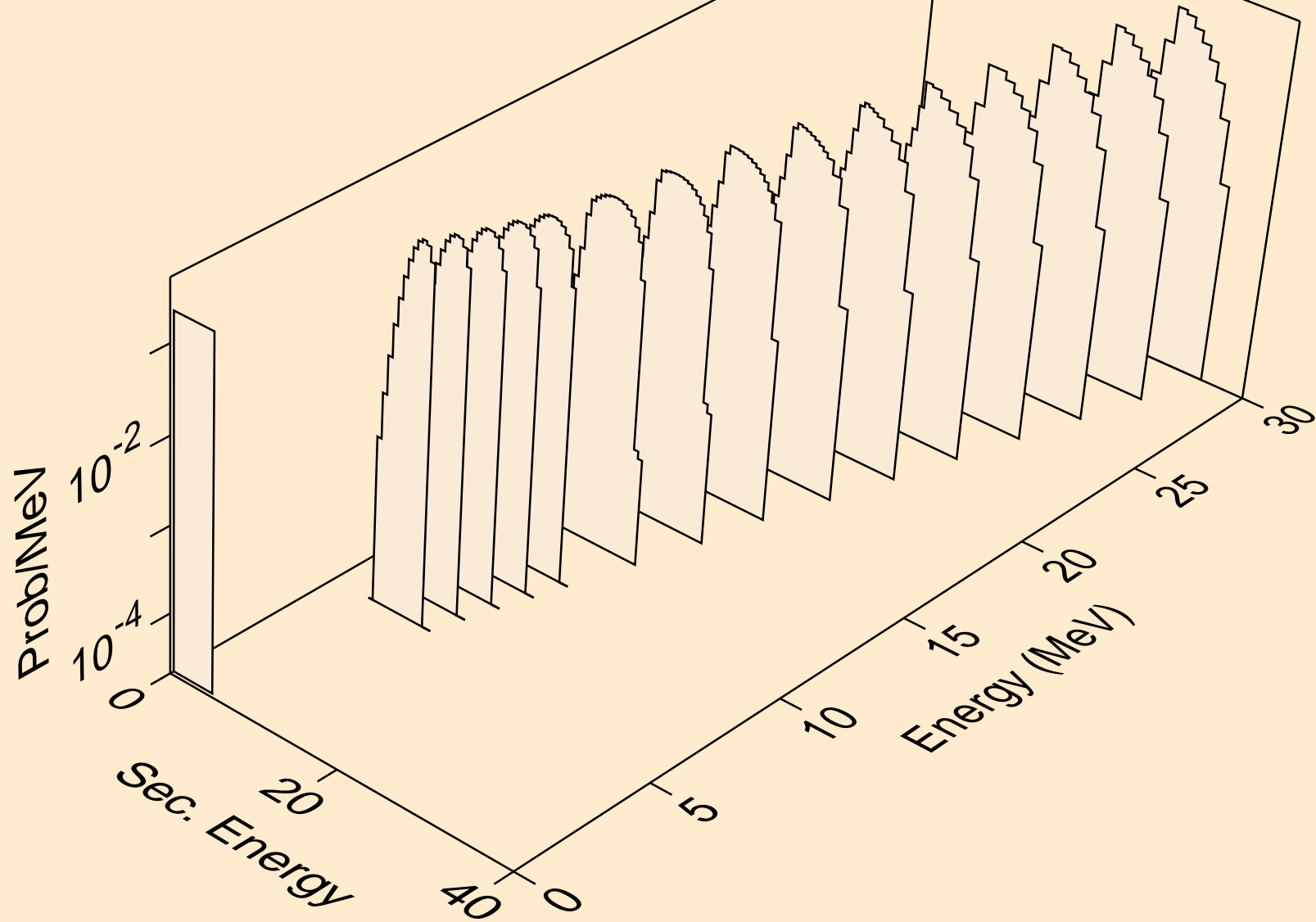
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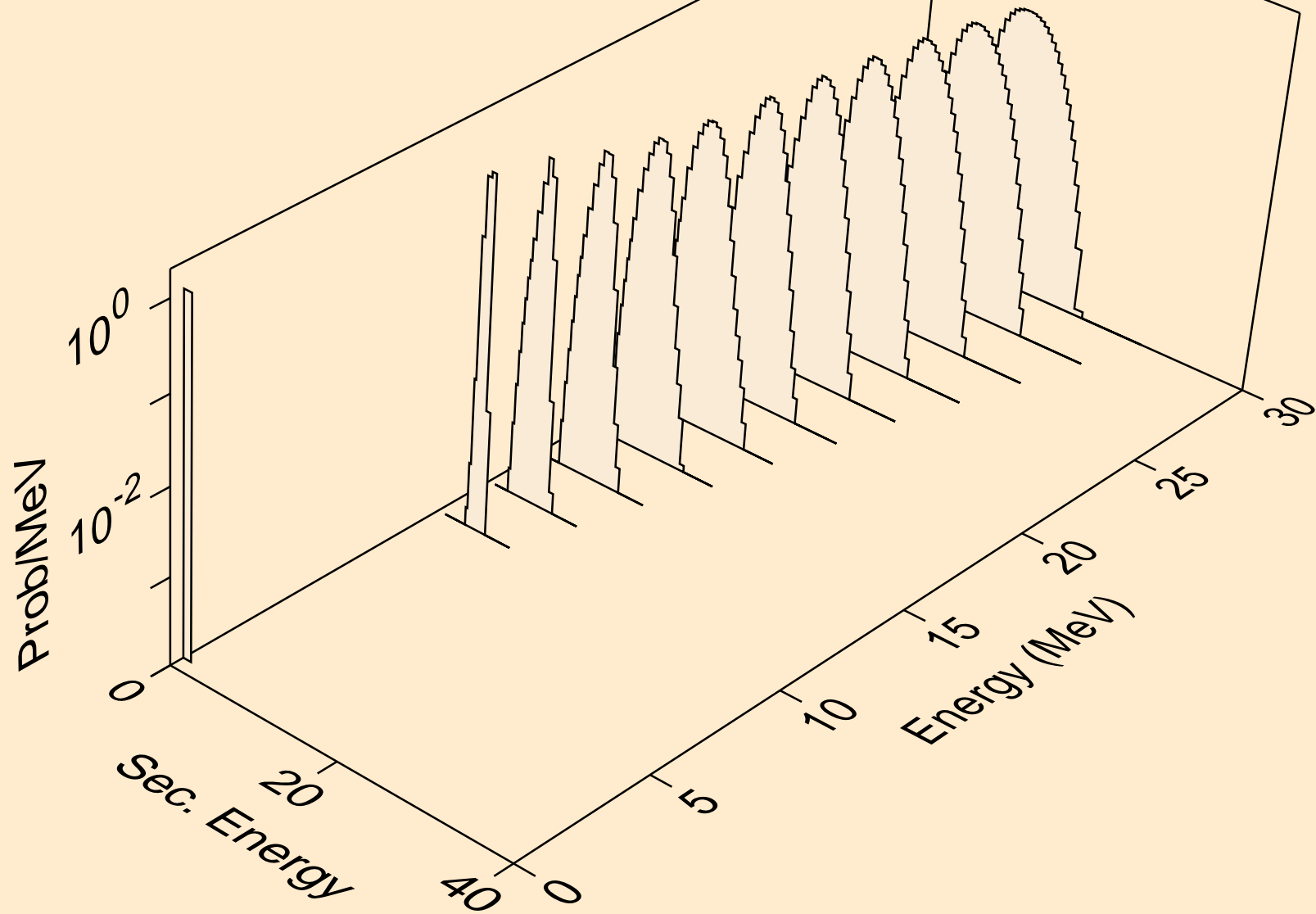
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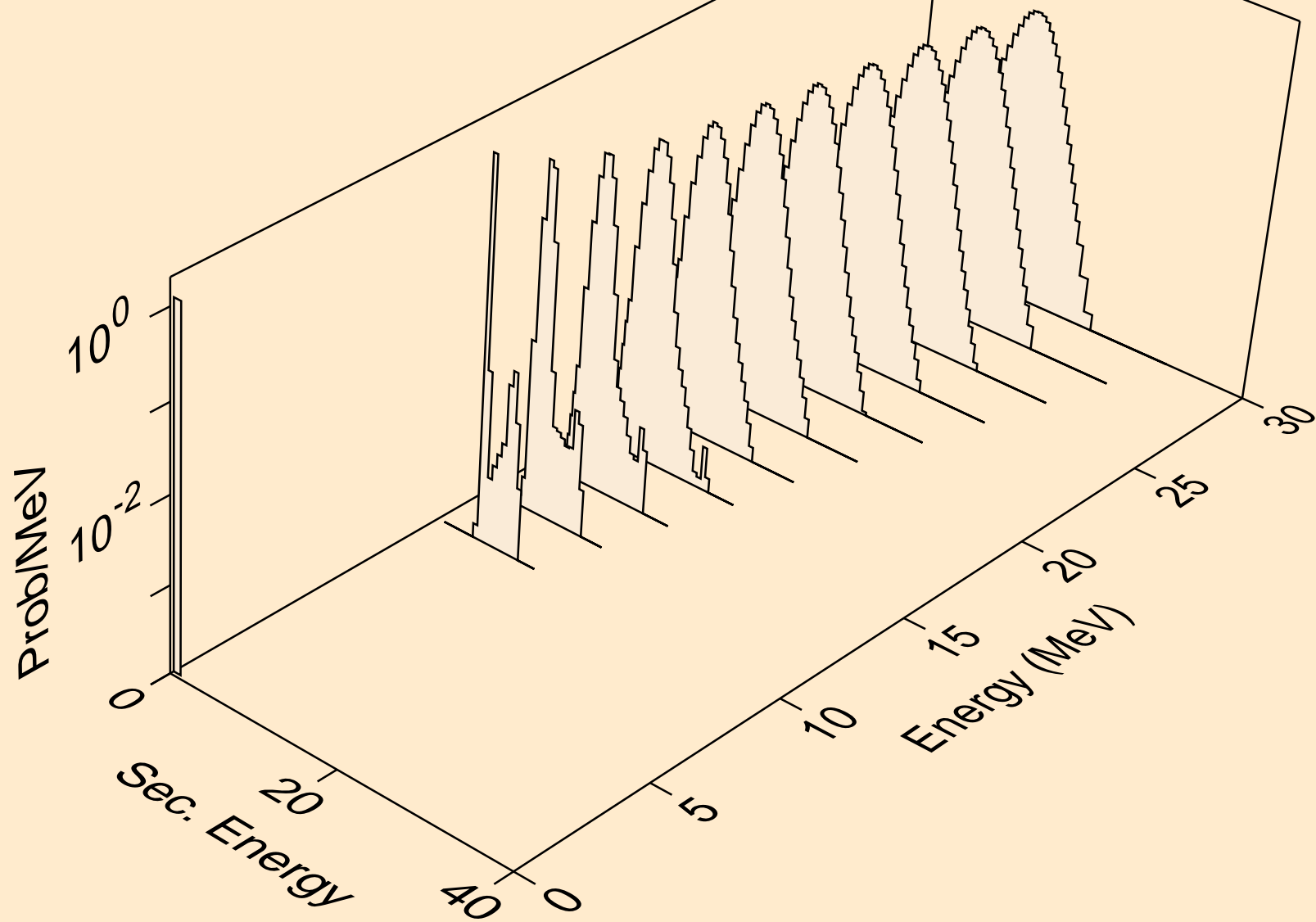
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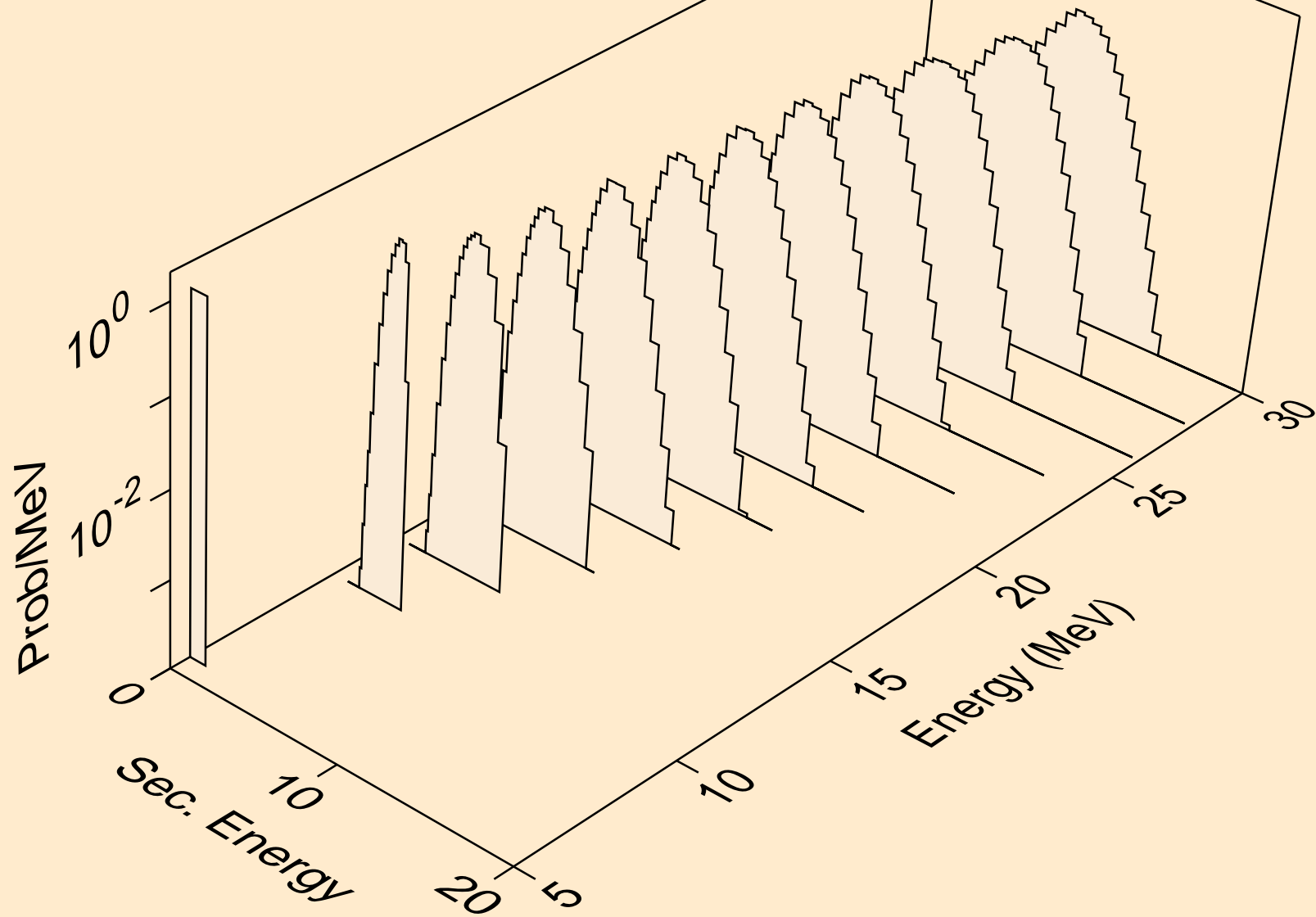
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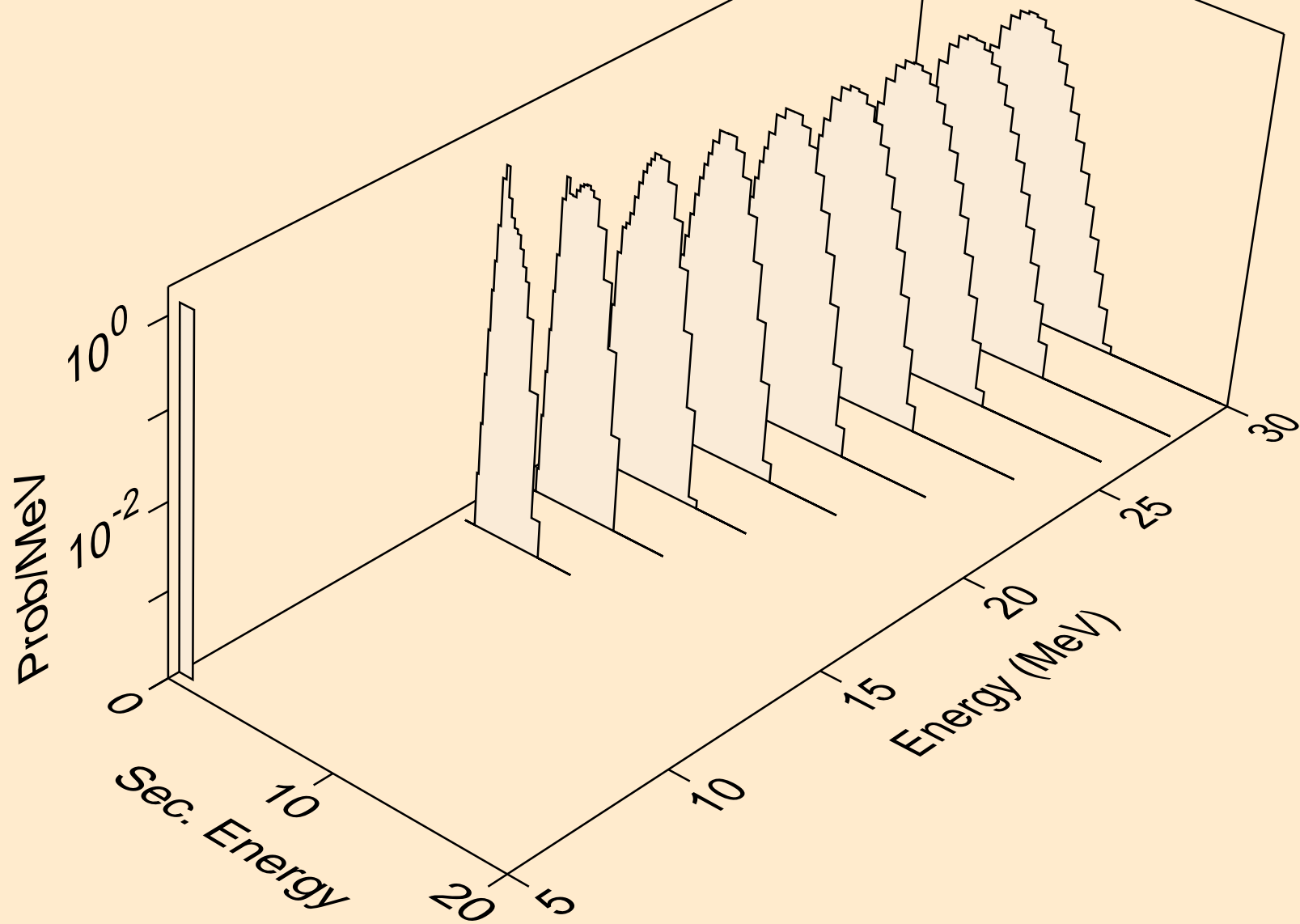
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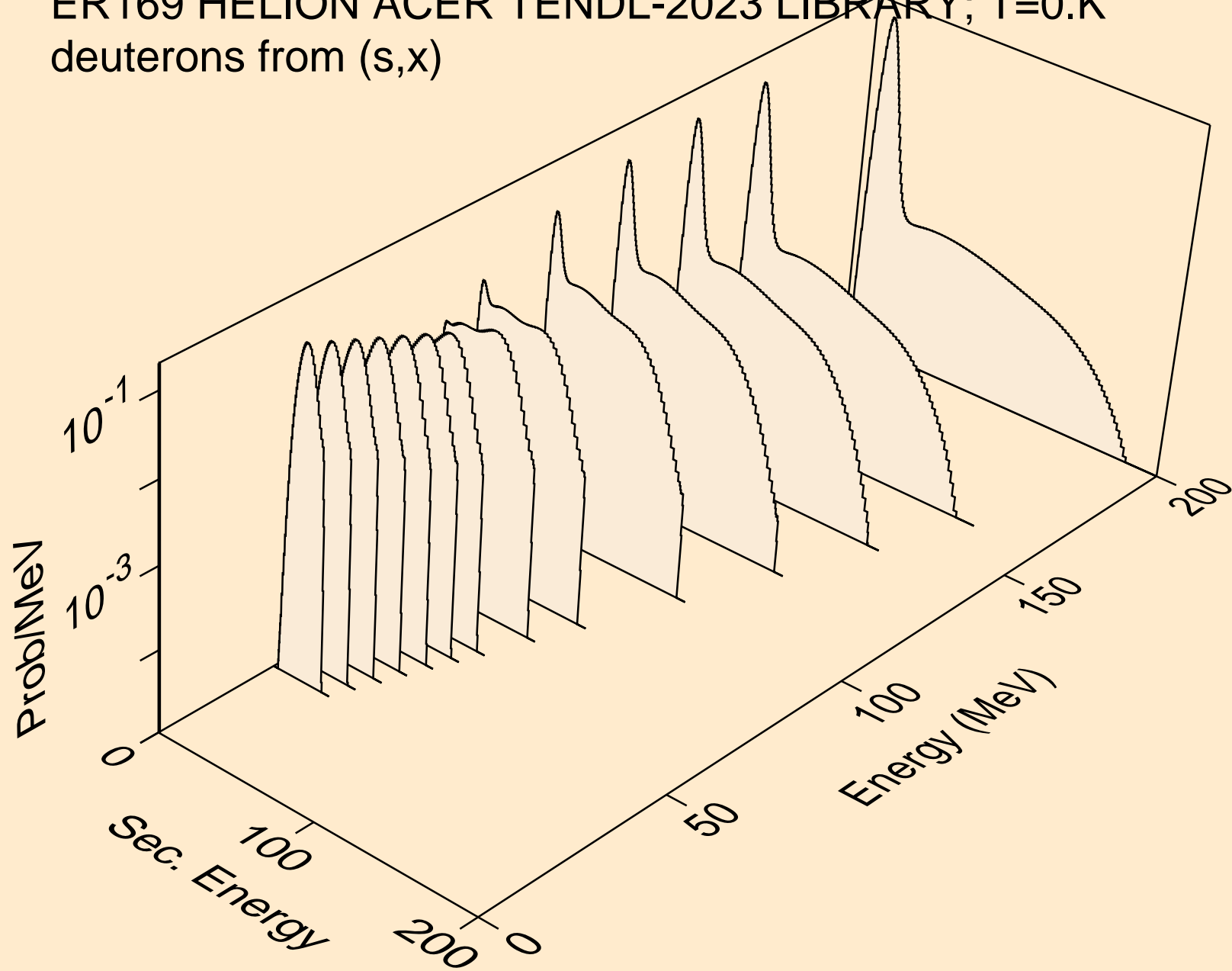
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ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

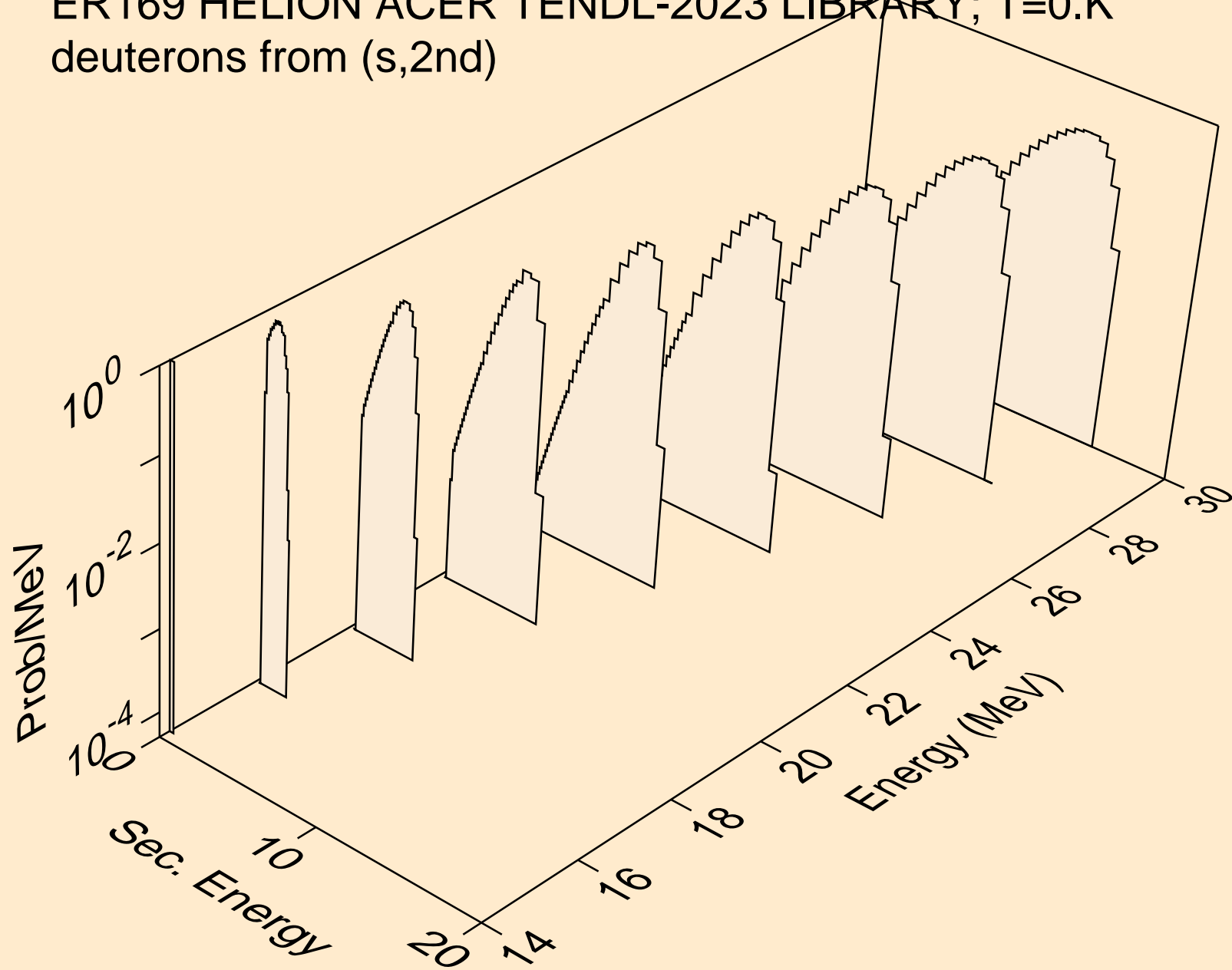


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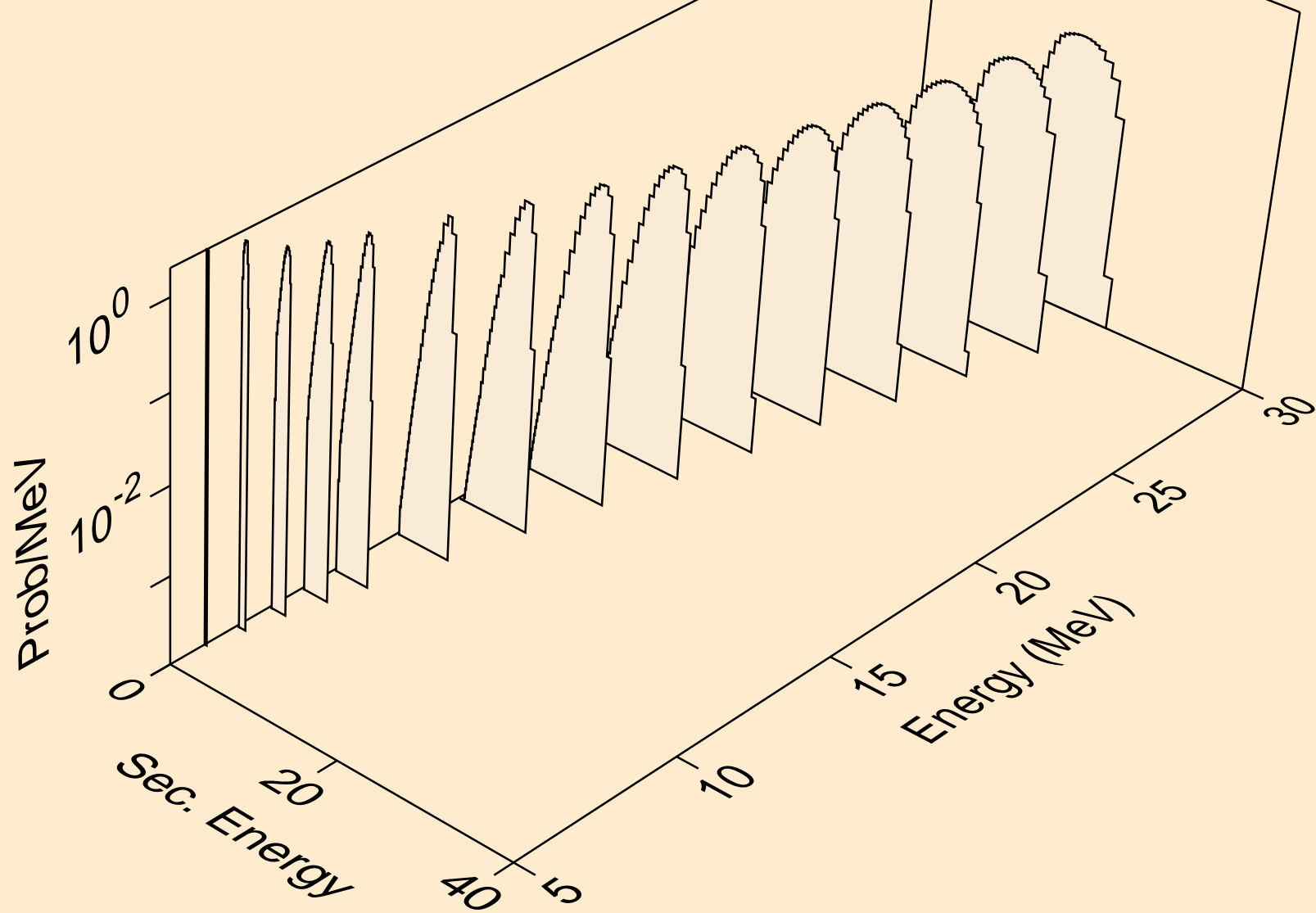




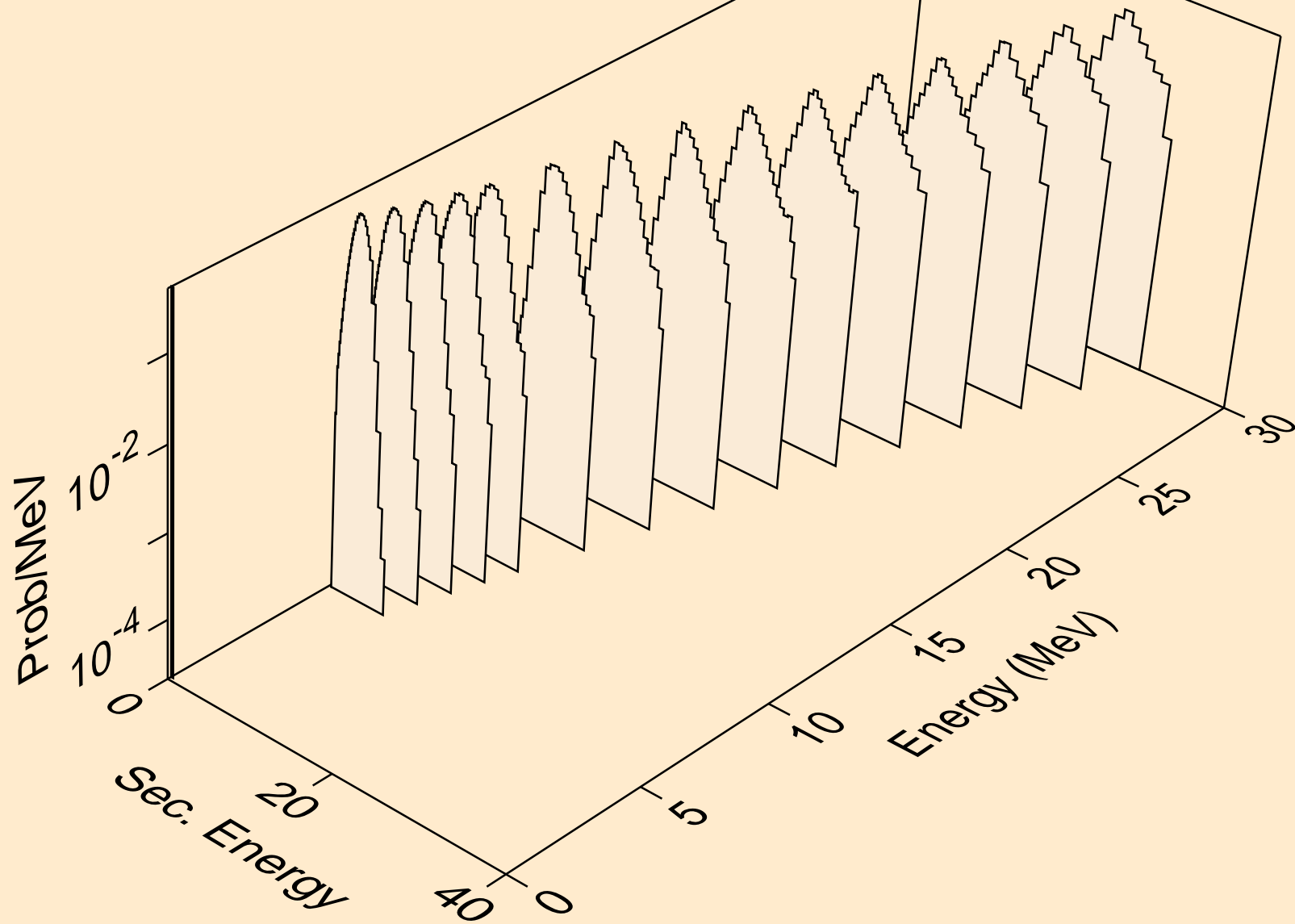
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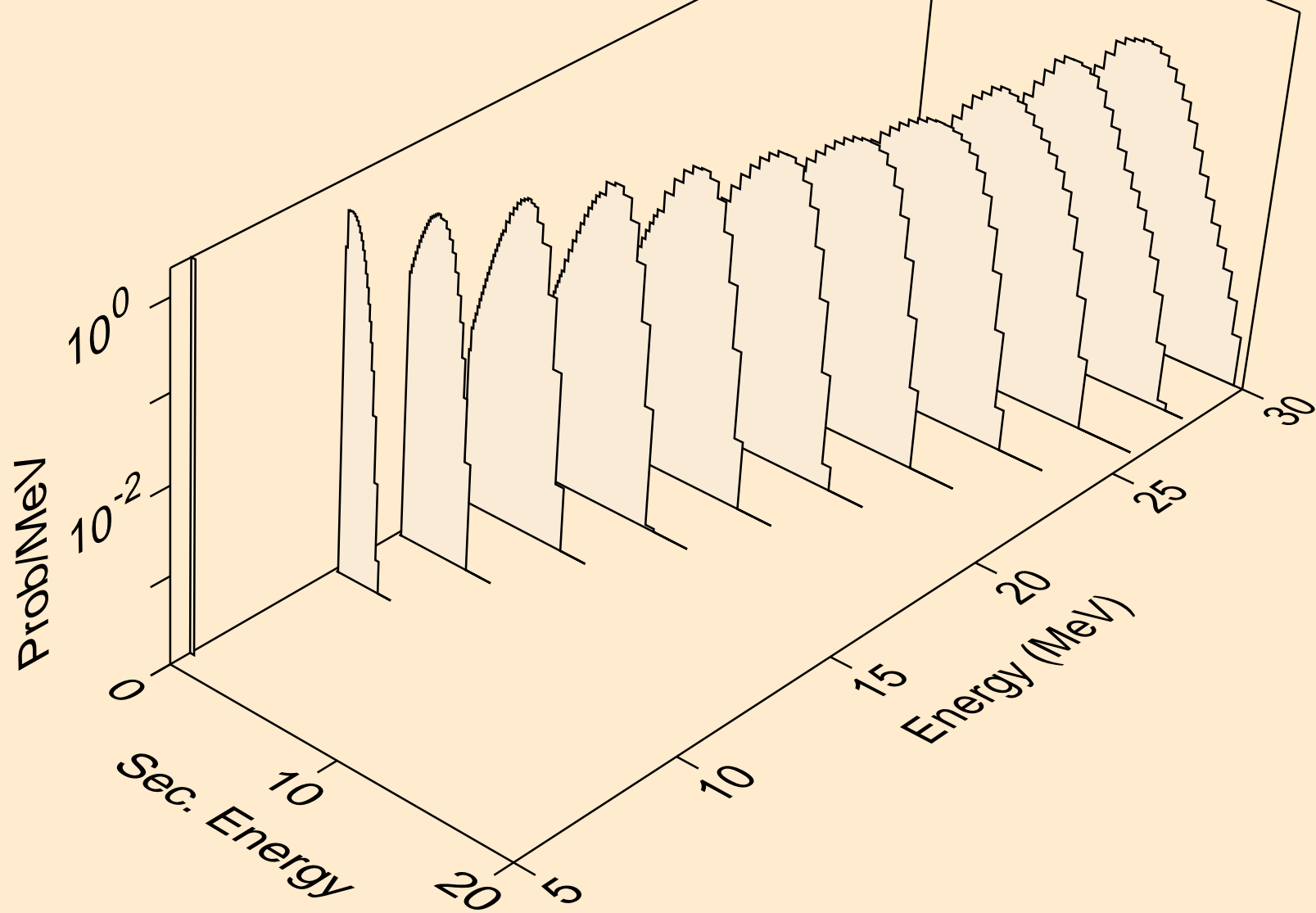
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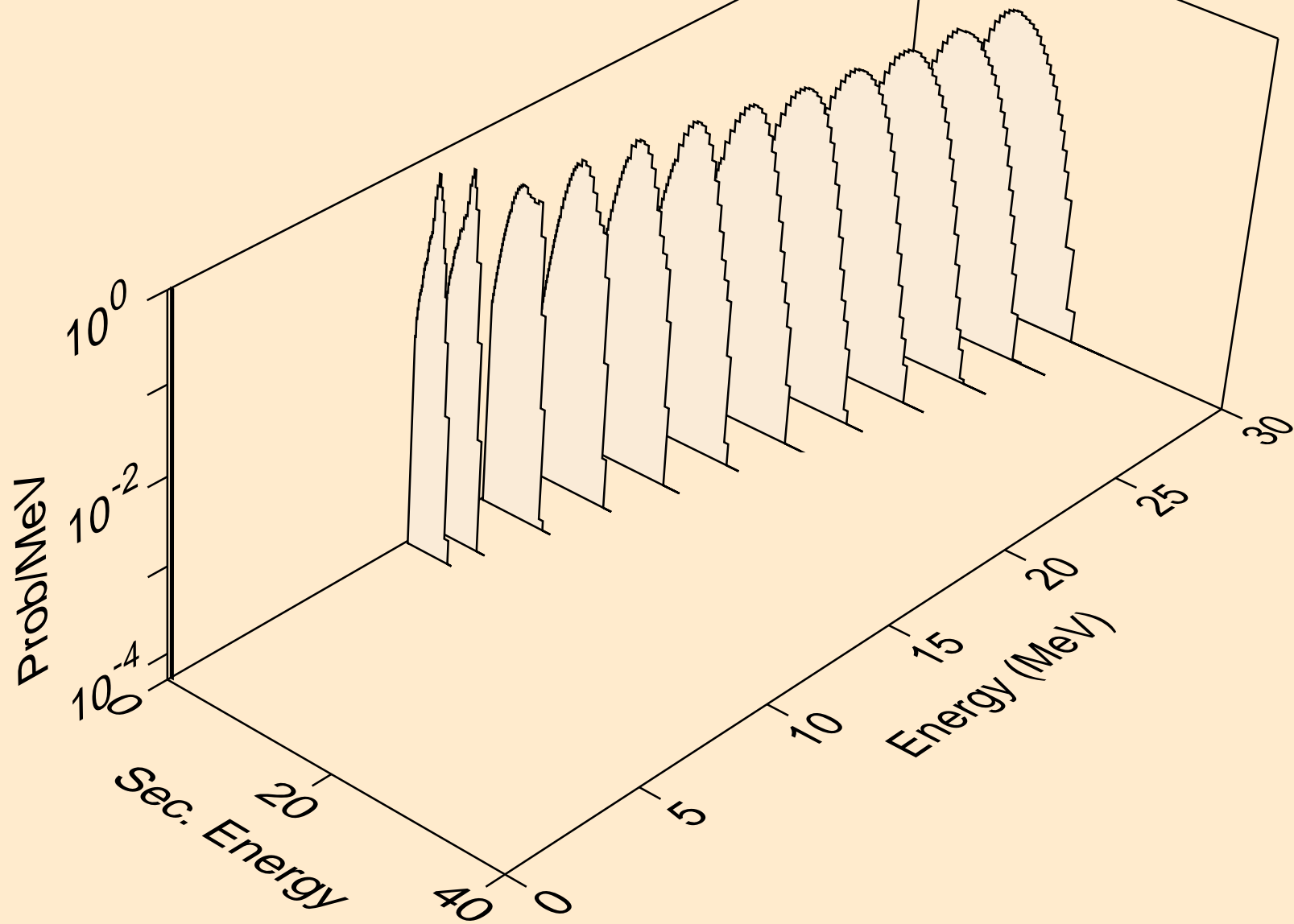
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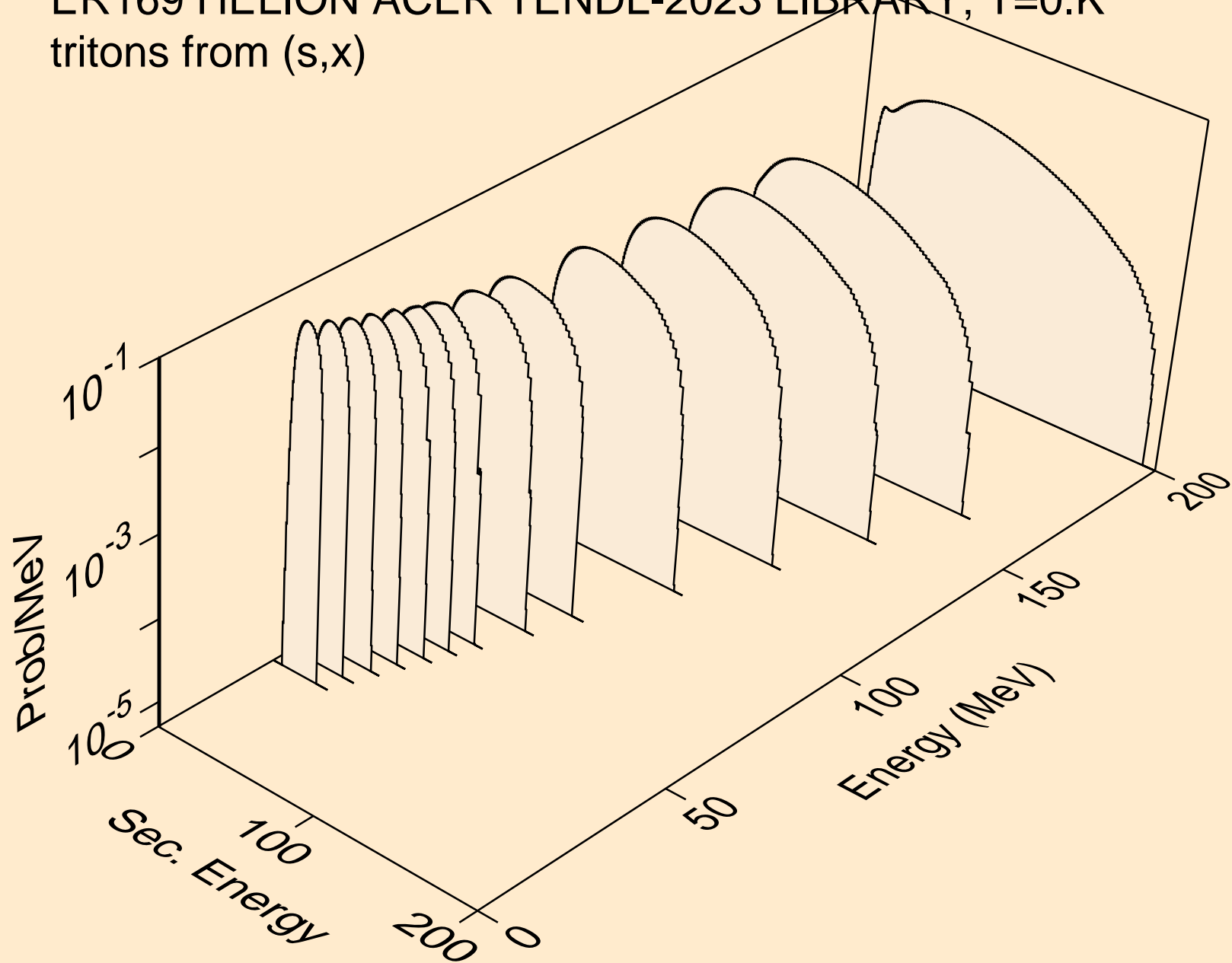
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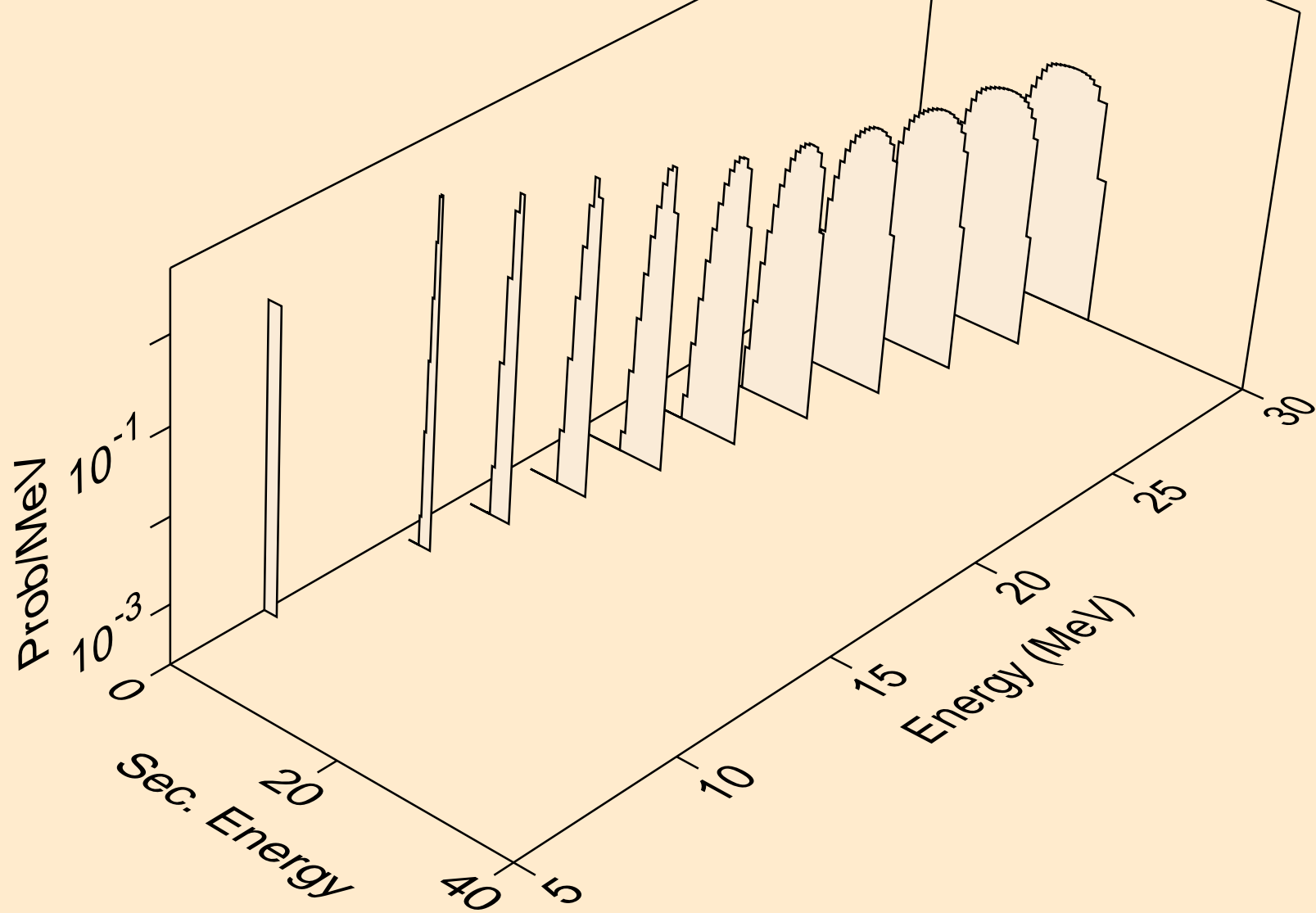
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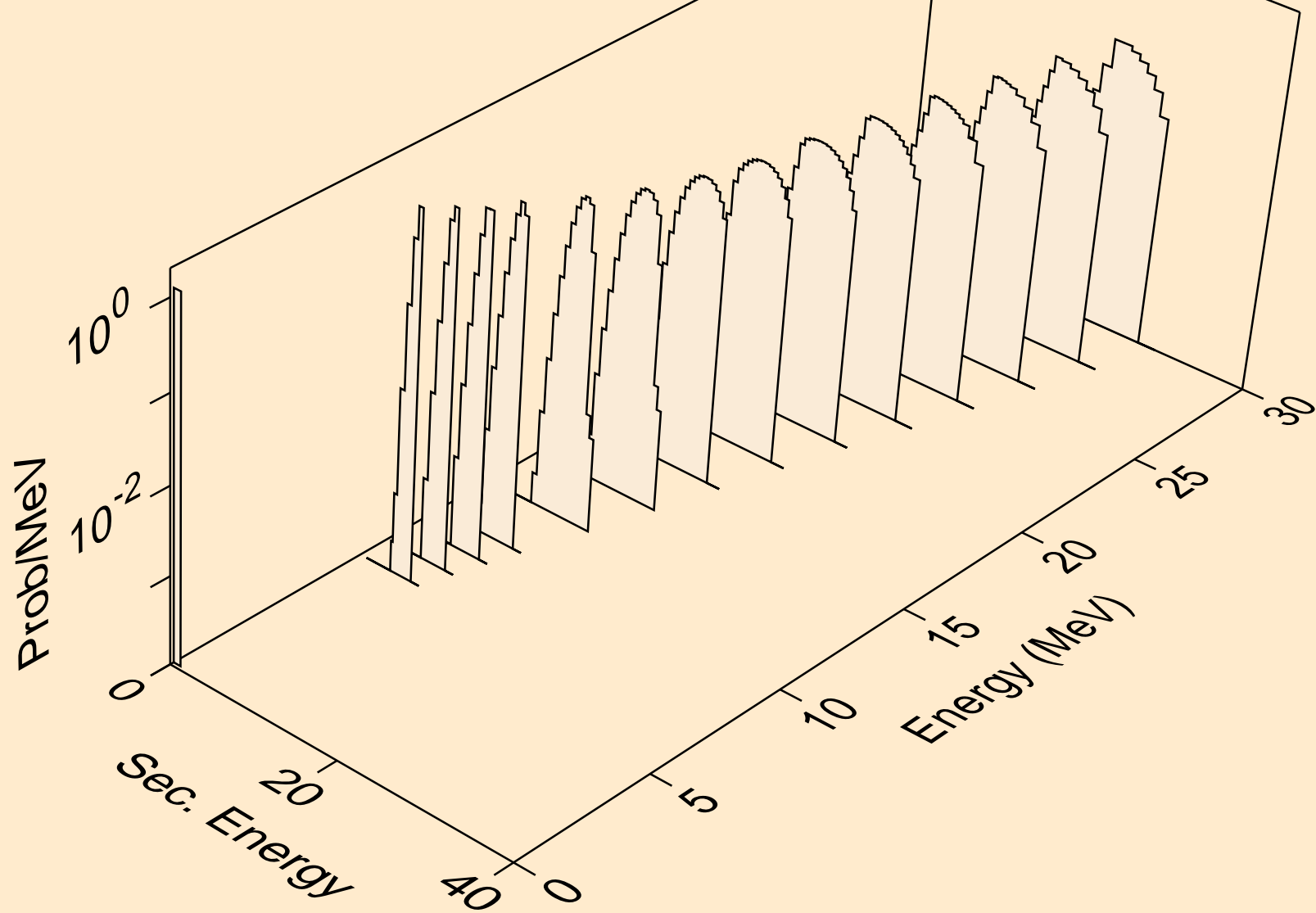
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tritons from (s,x)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

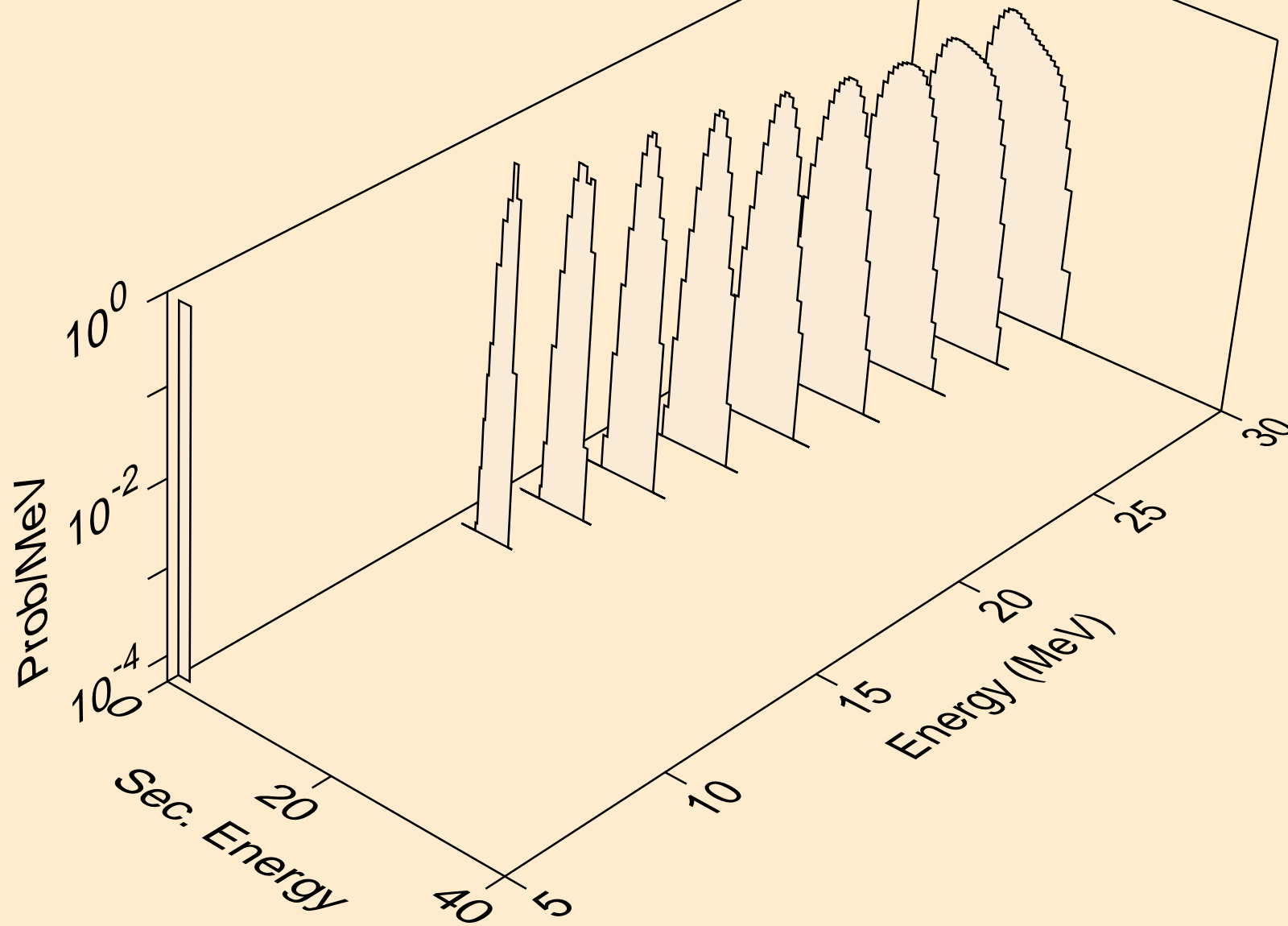


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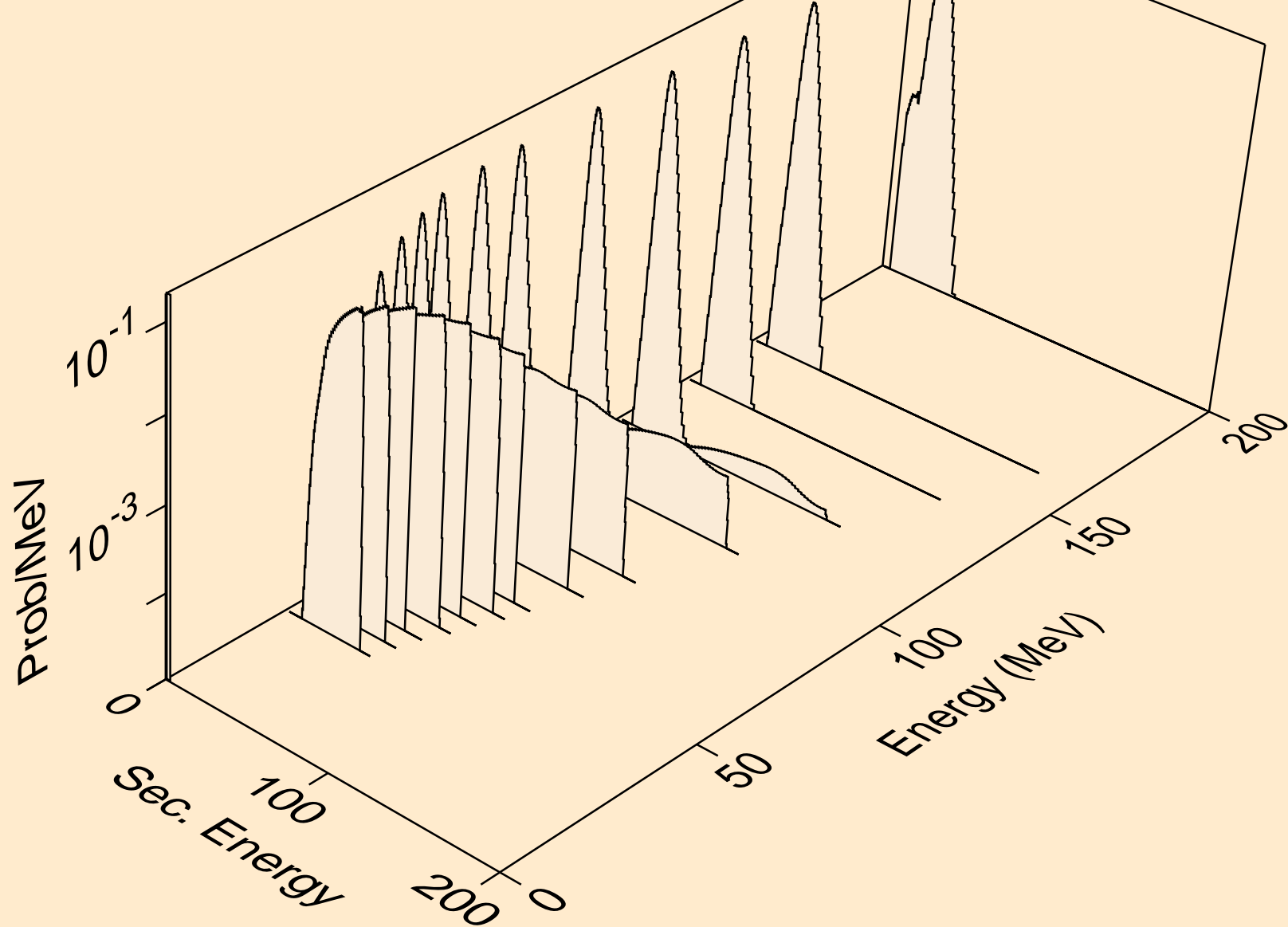




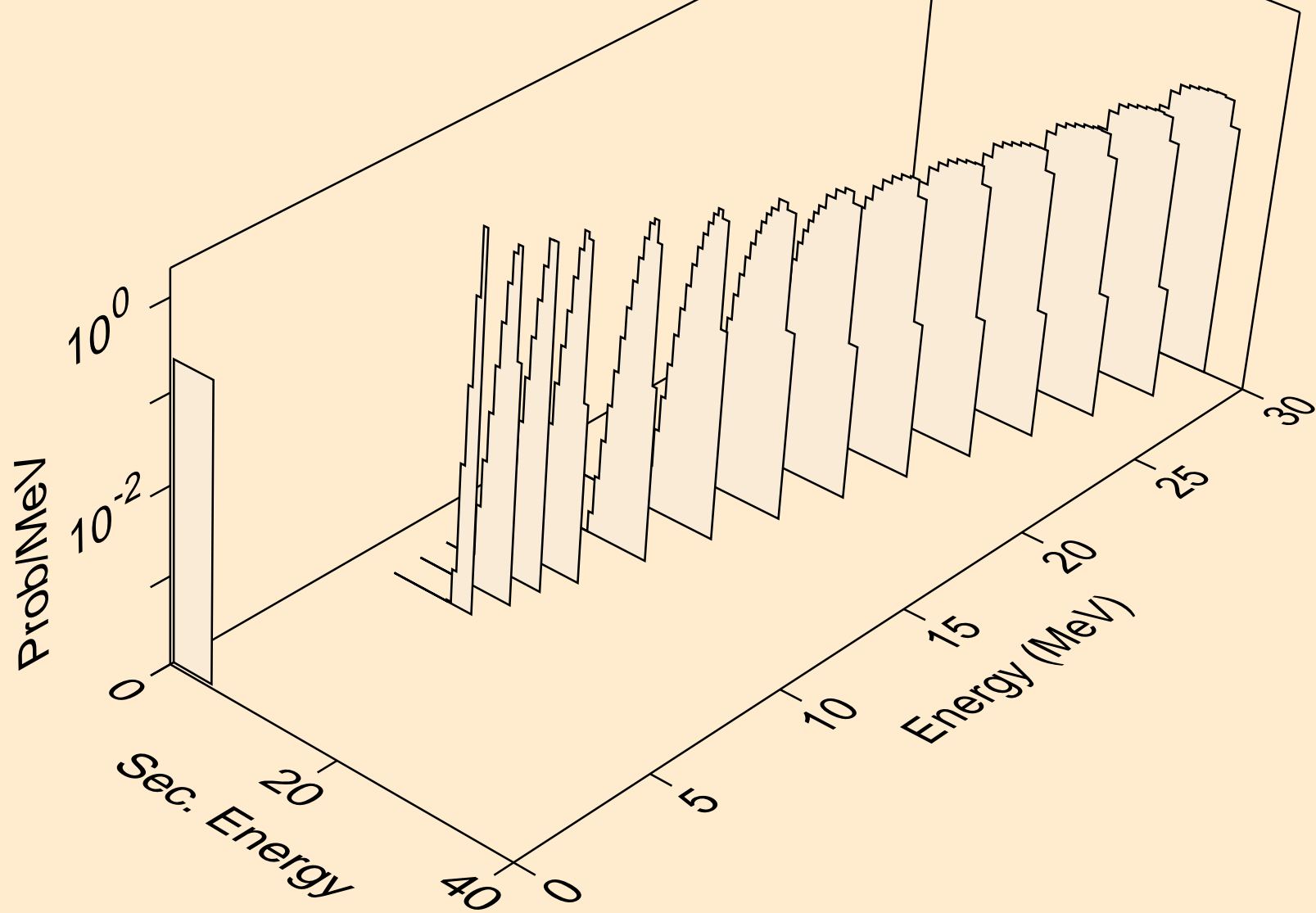
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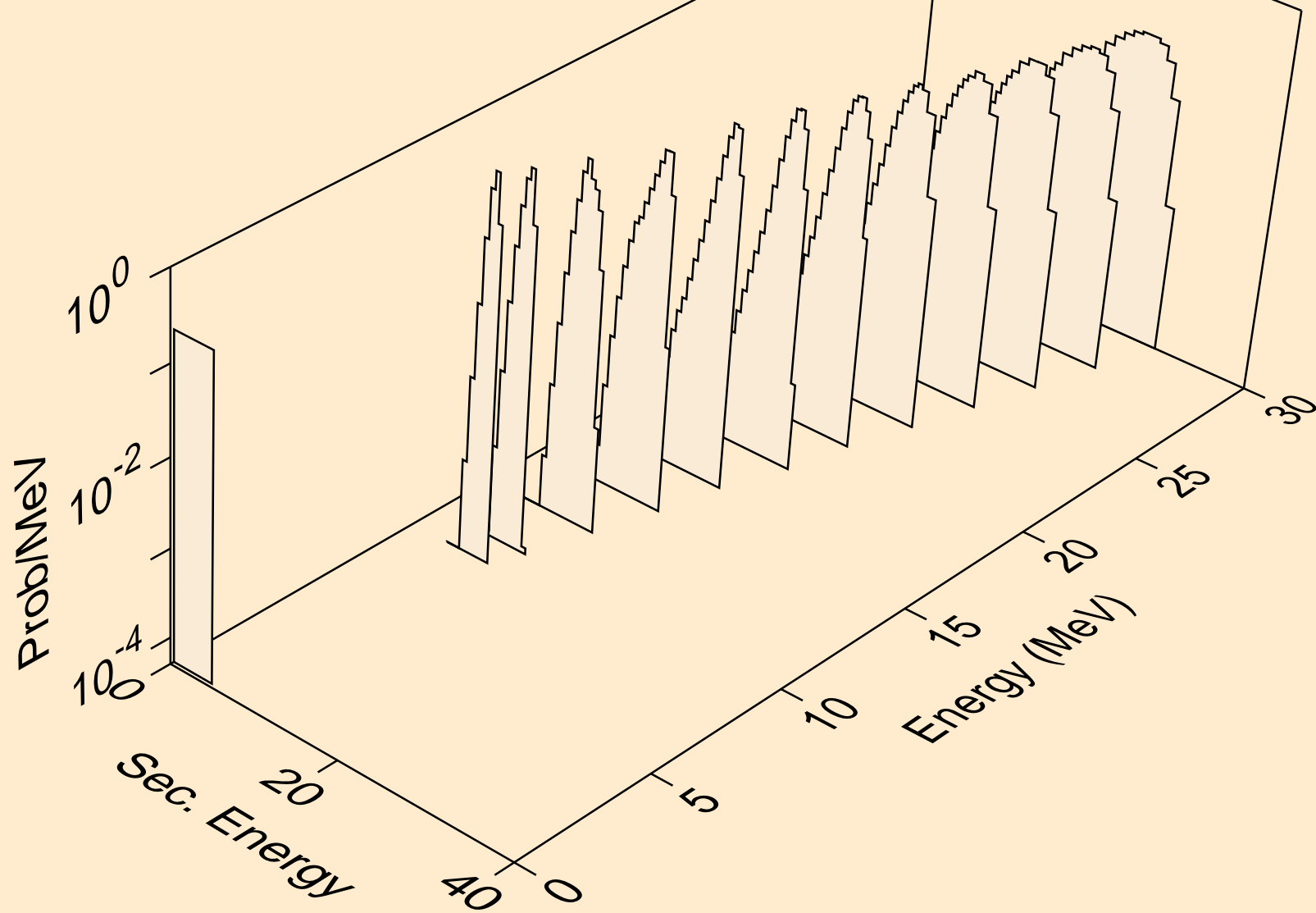
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alphas from (s,x)



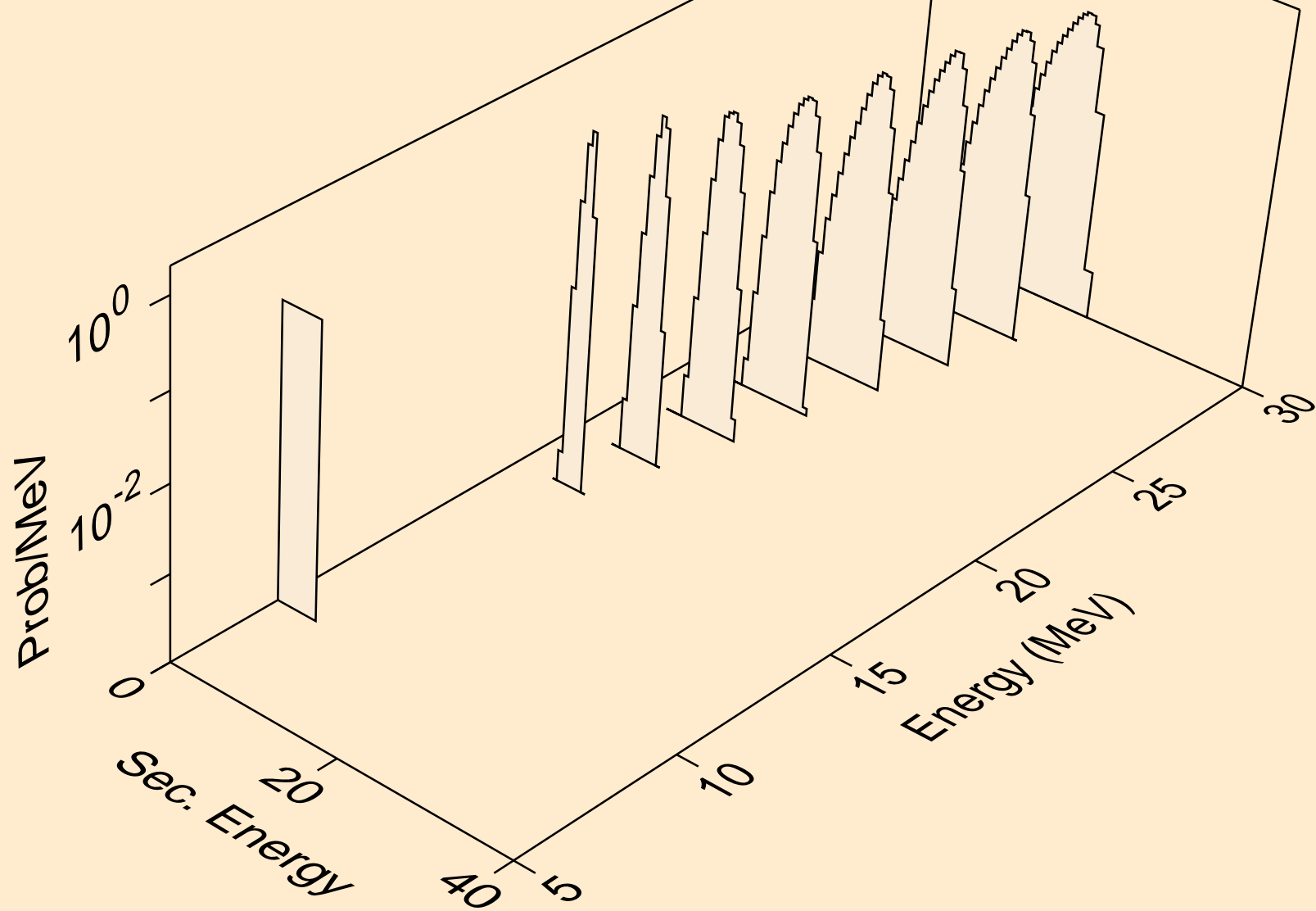
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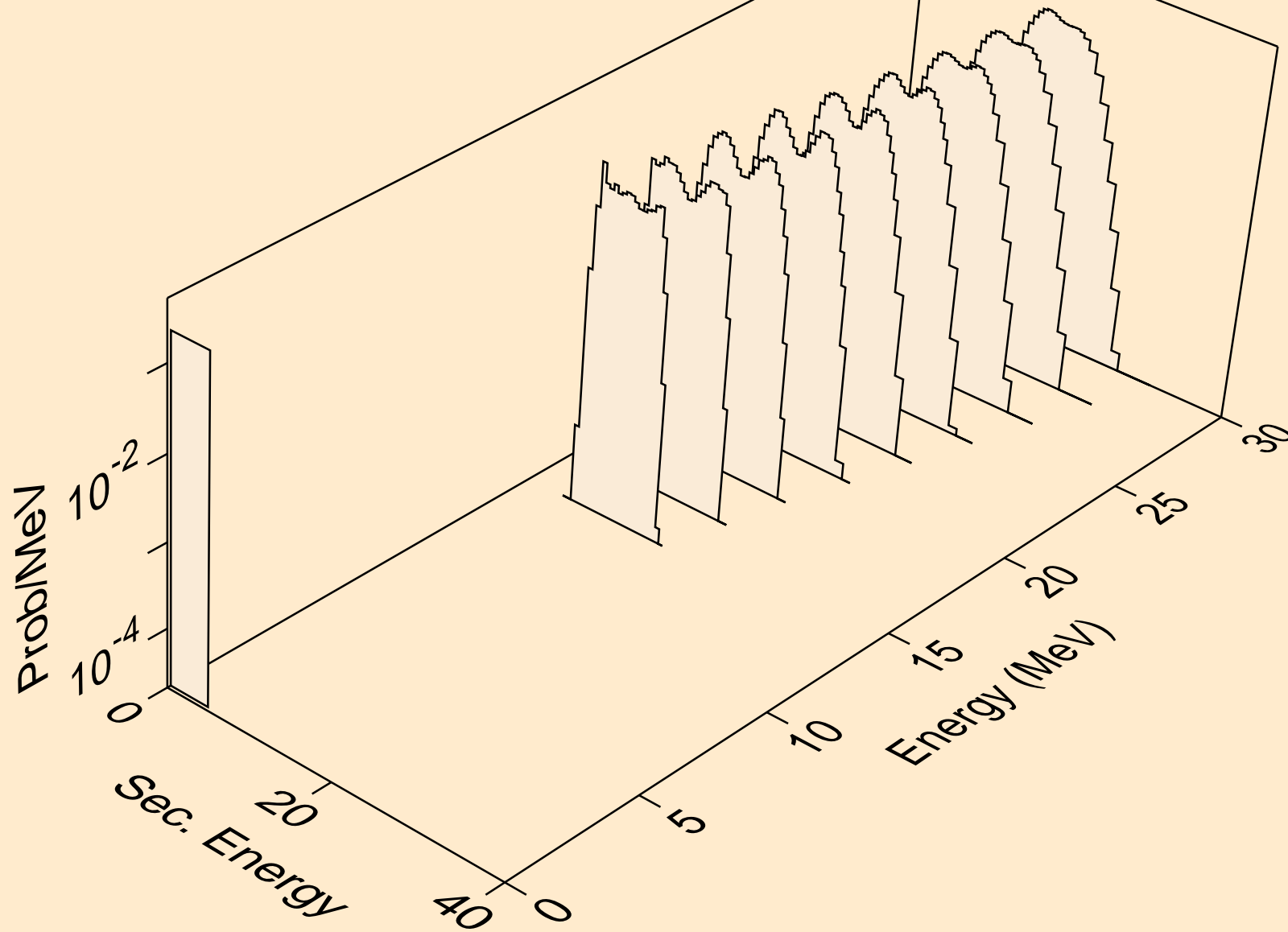
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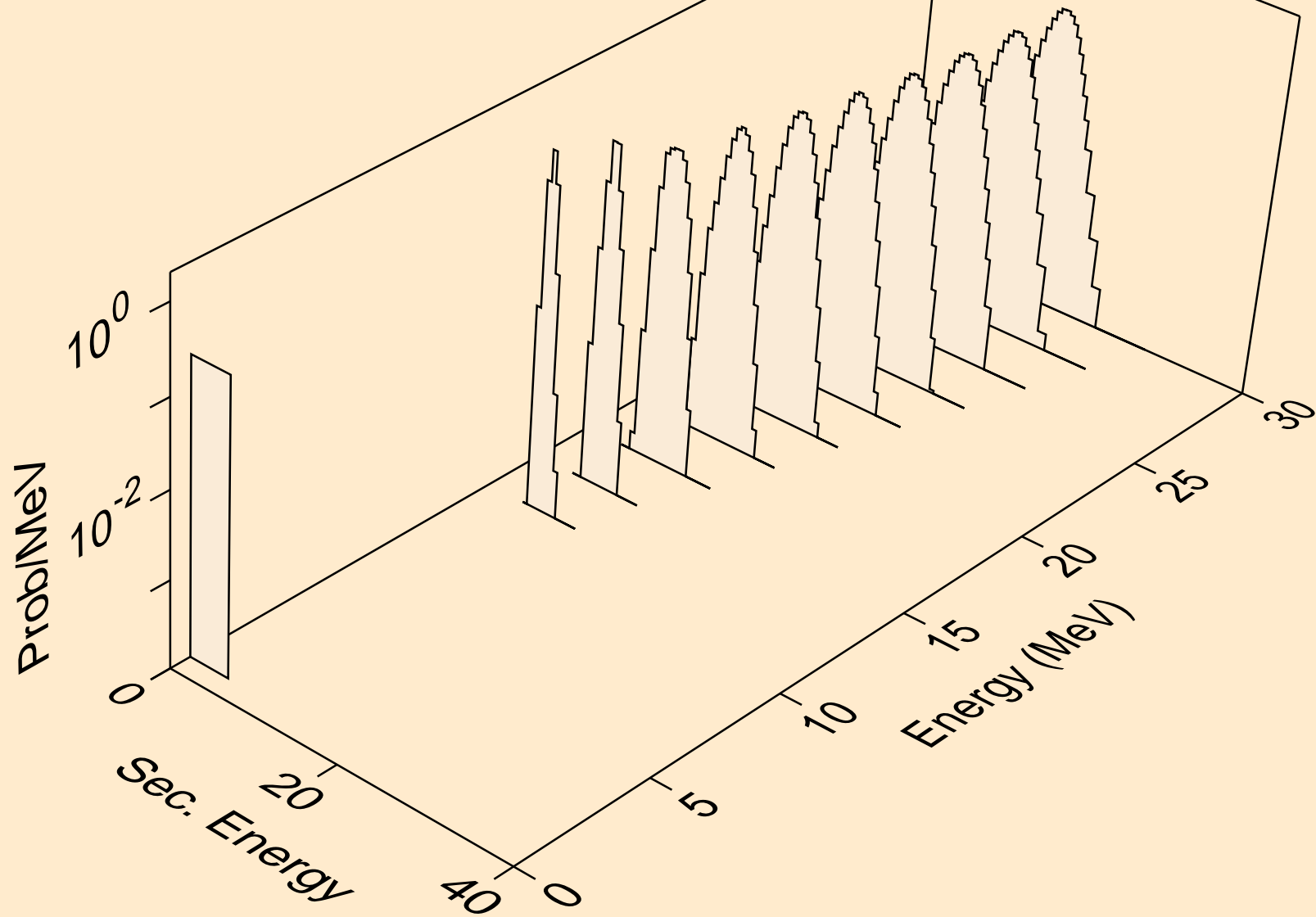
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alphas from (s,3n)a



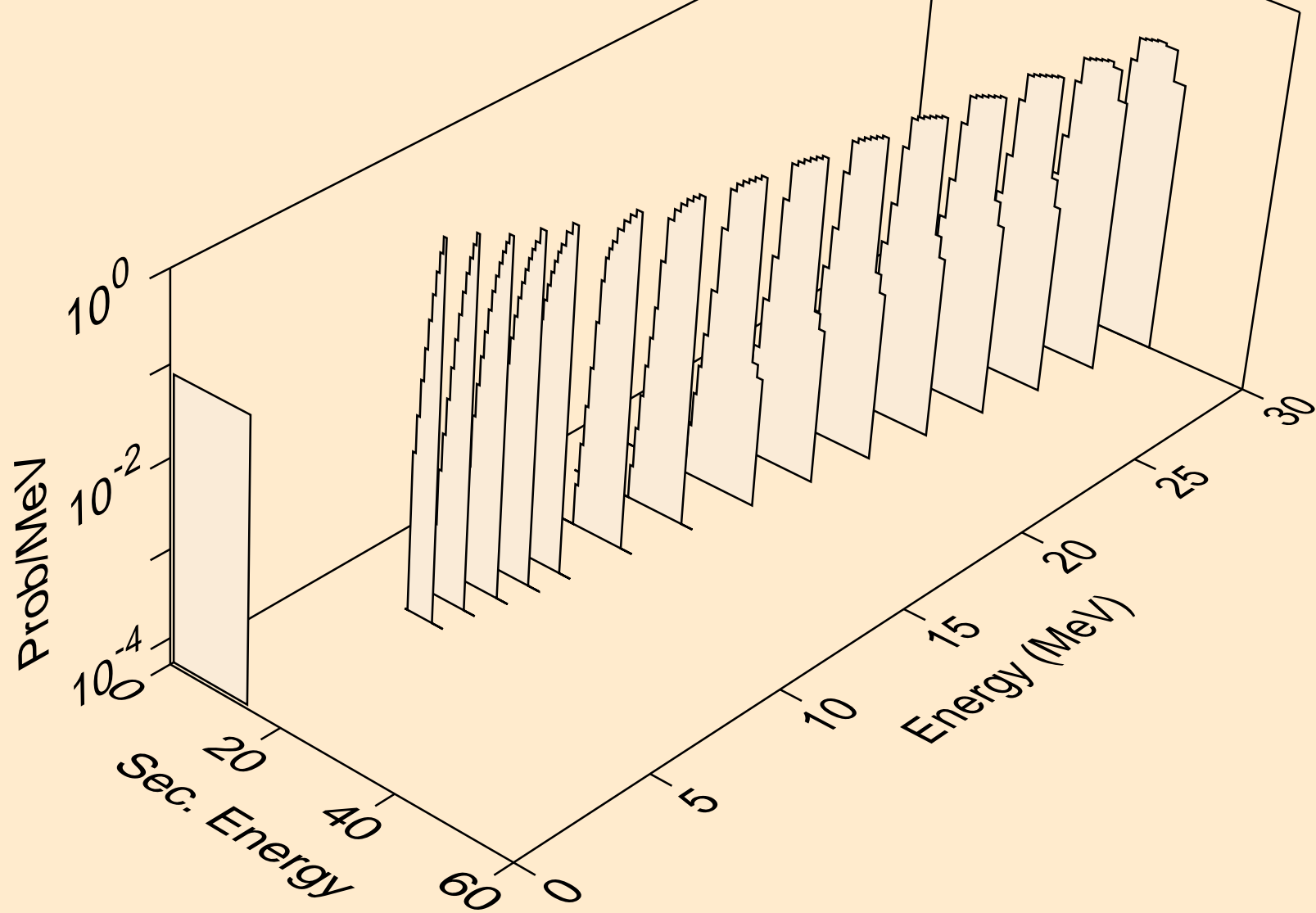
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alphas from (s,n\*)2a



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

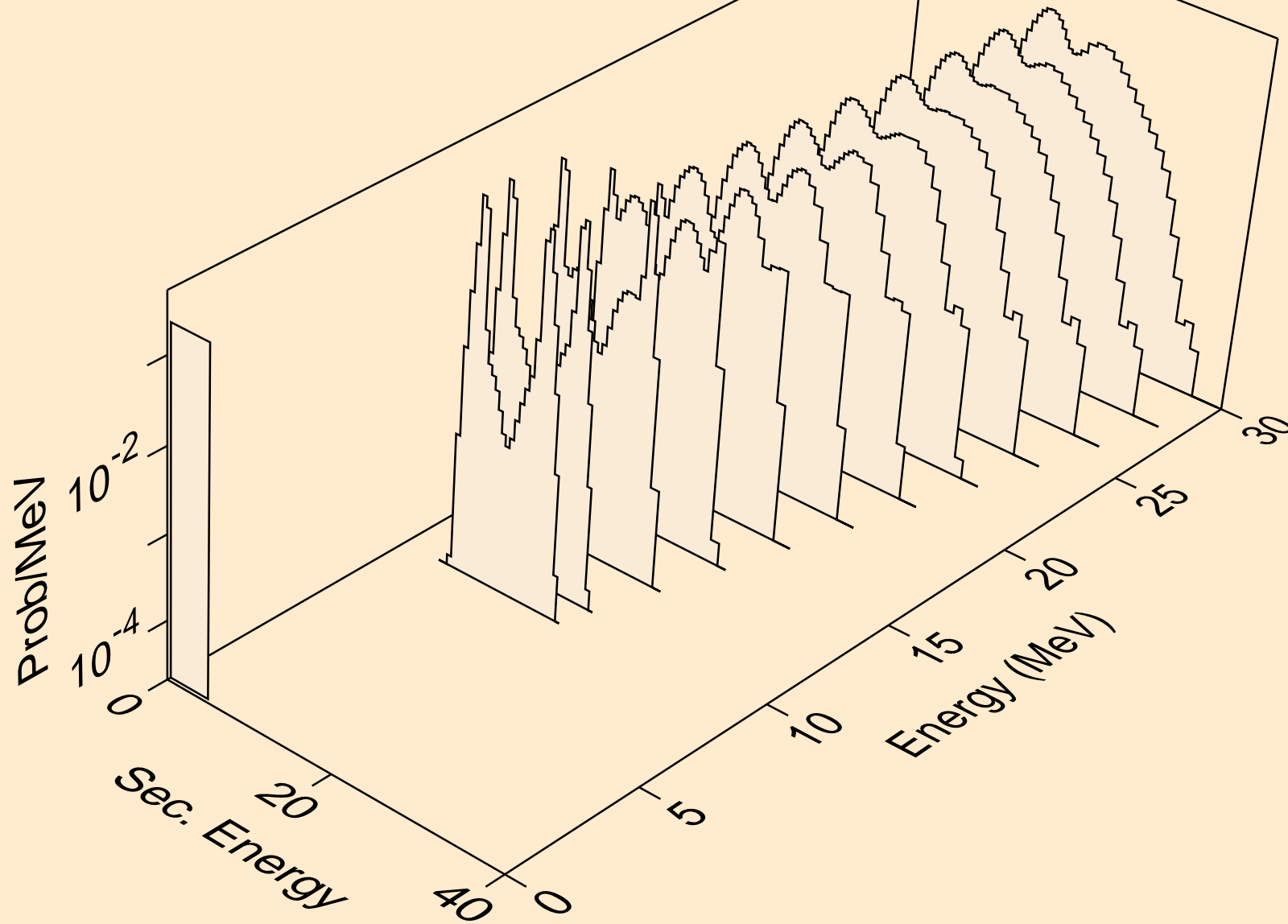


ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

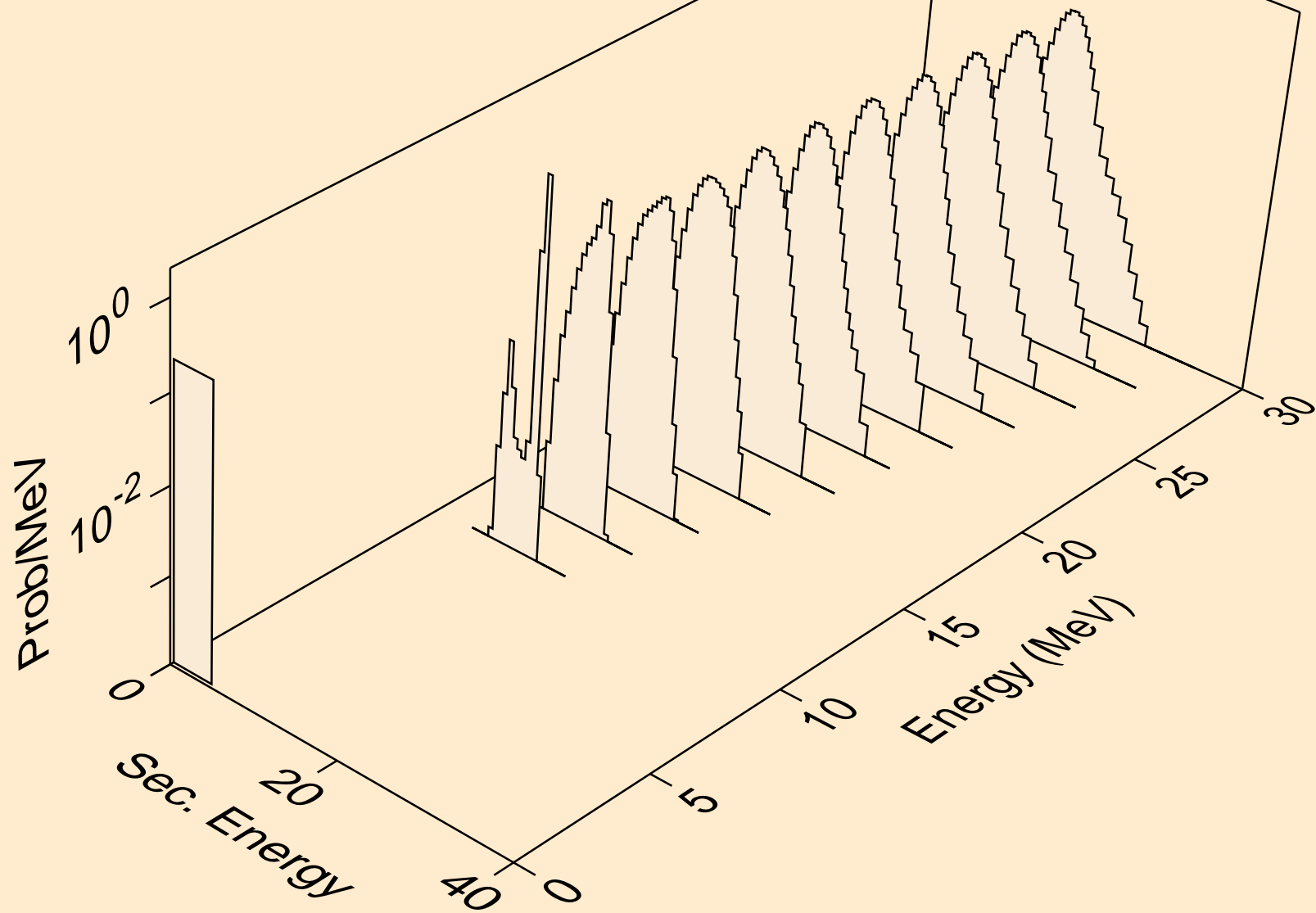




ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



ER169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

