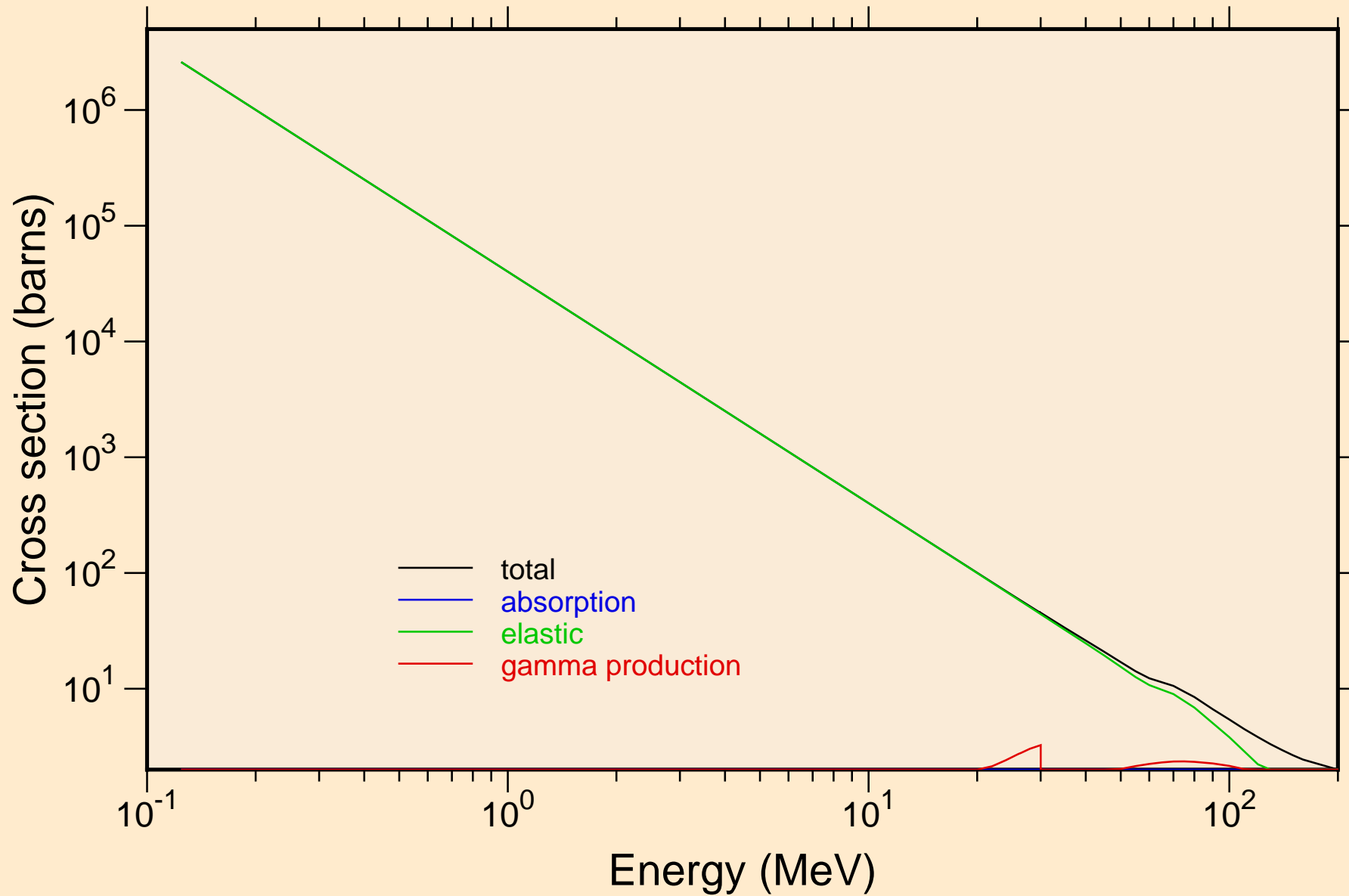


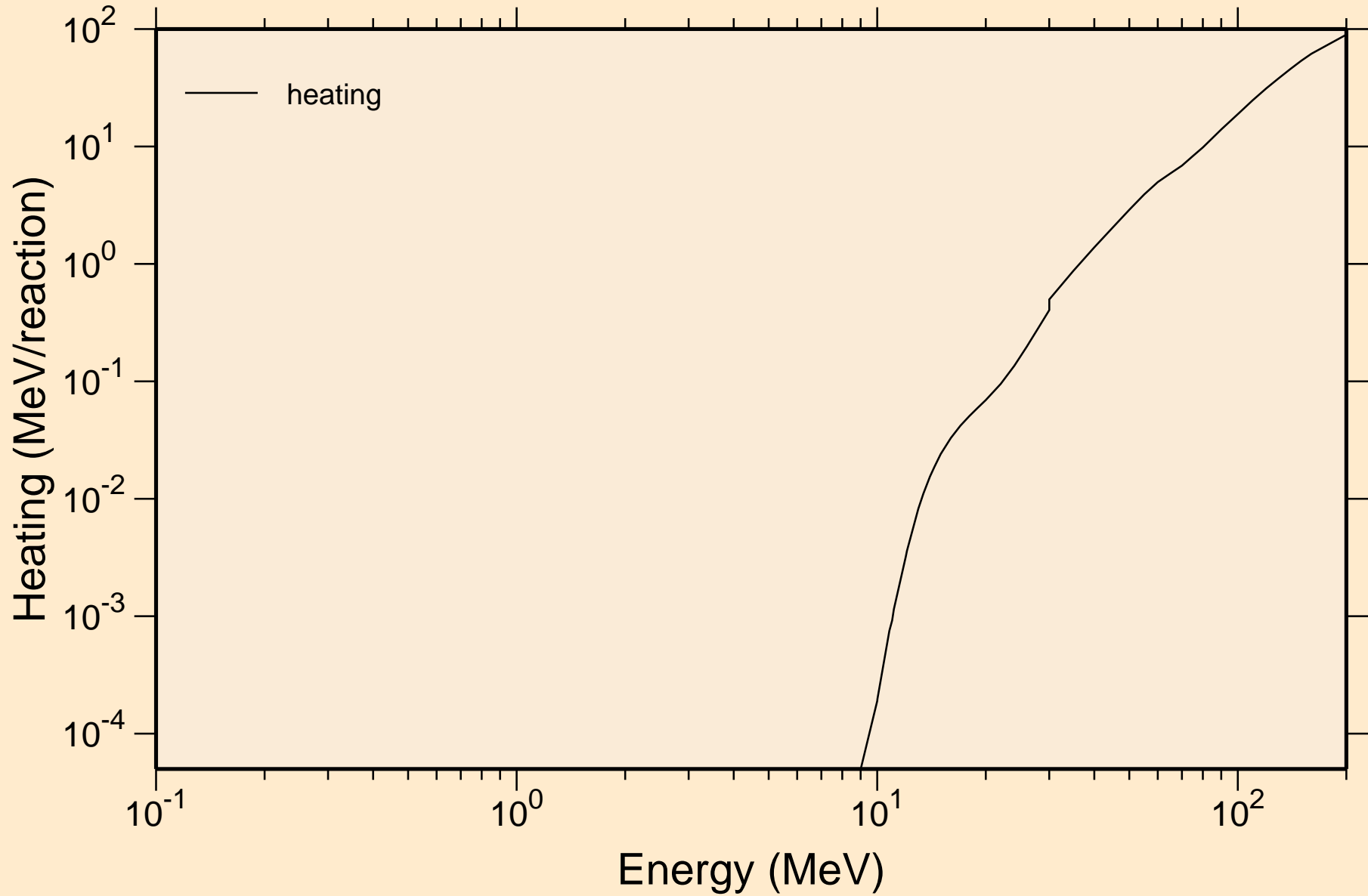
# Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



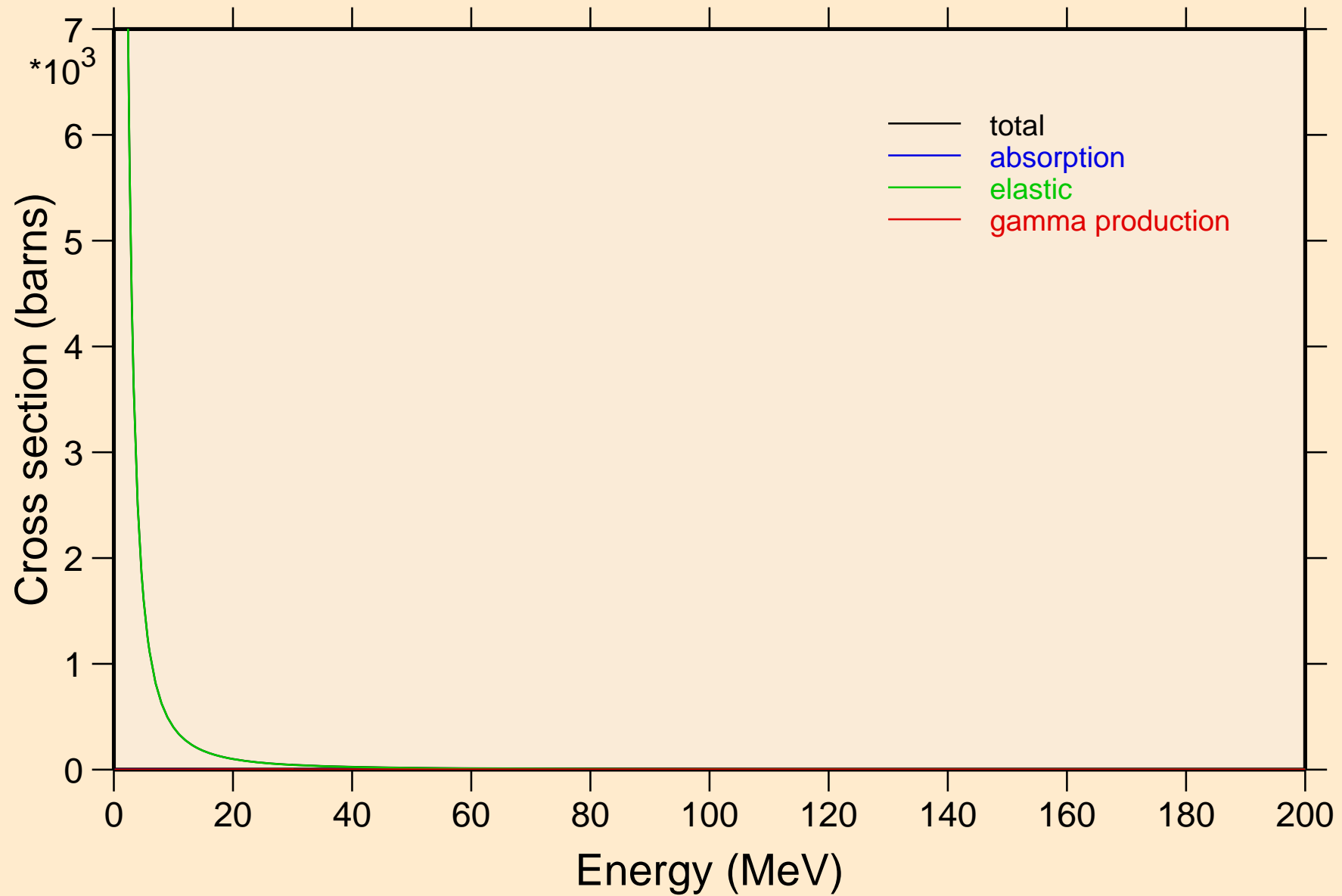
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



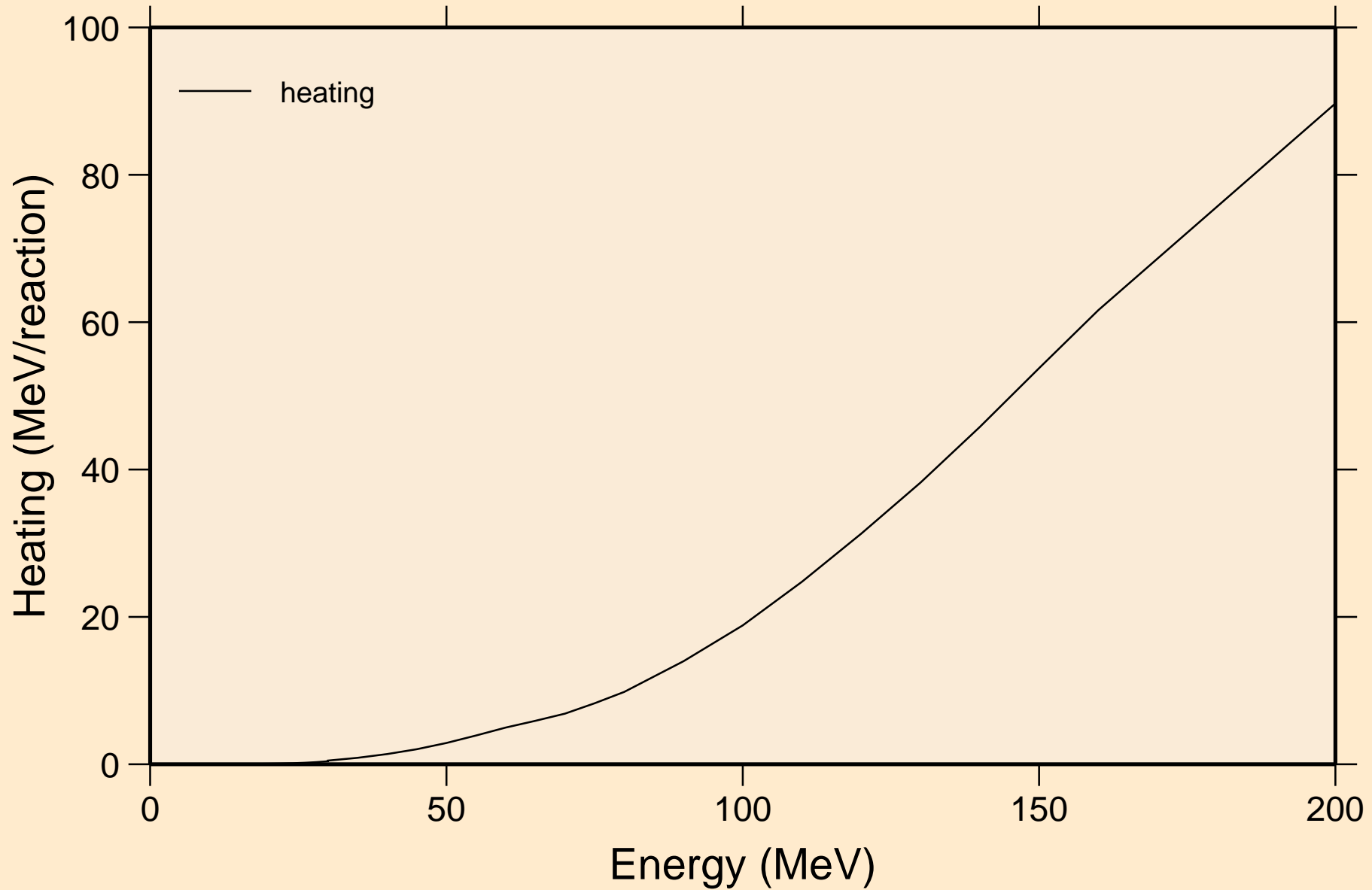
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



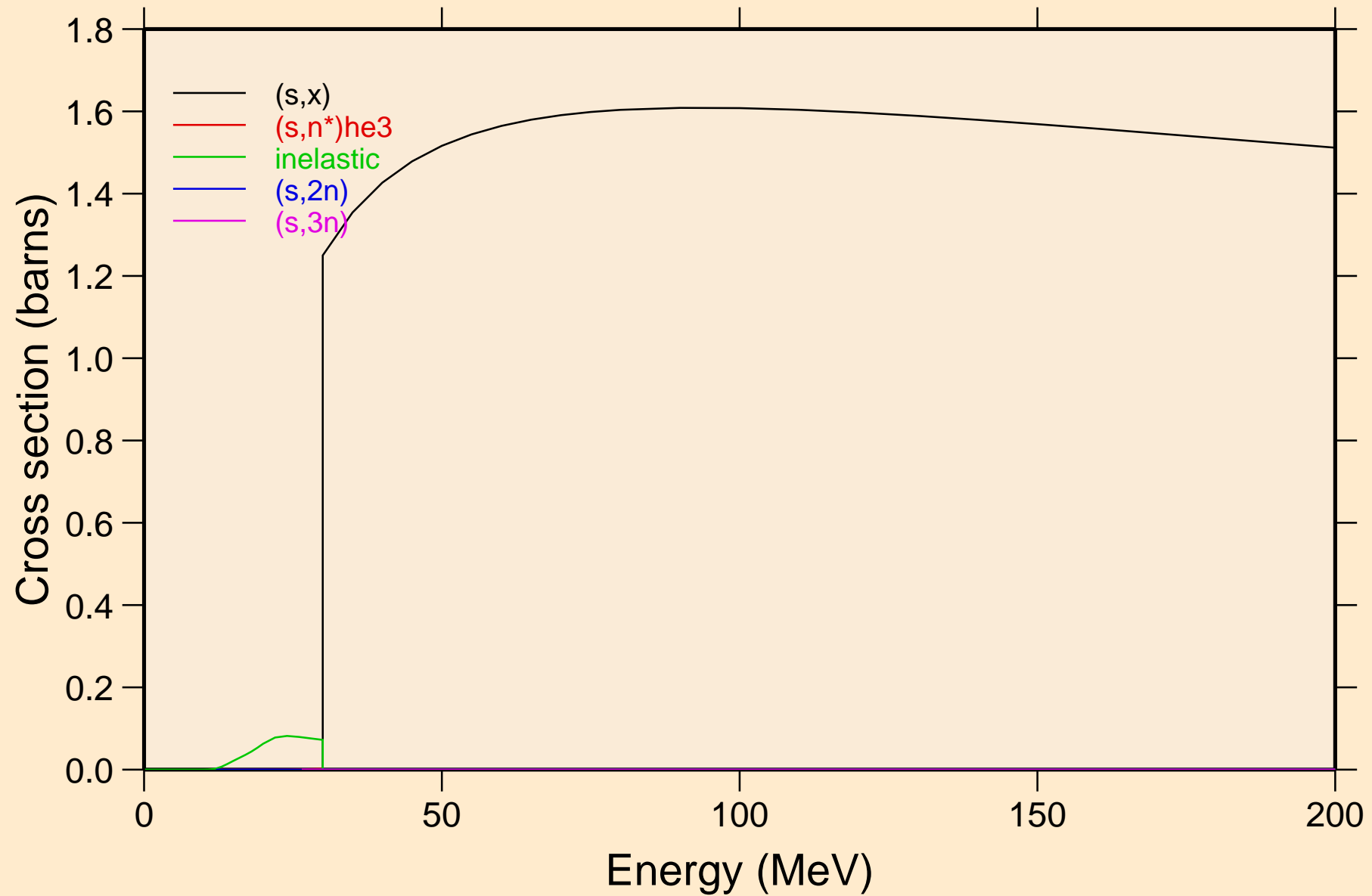
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

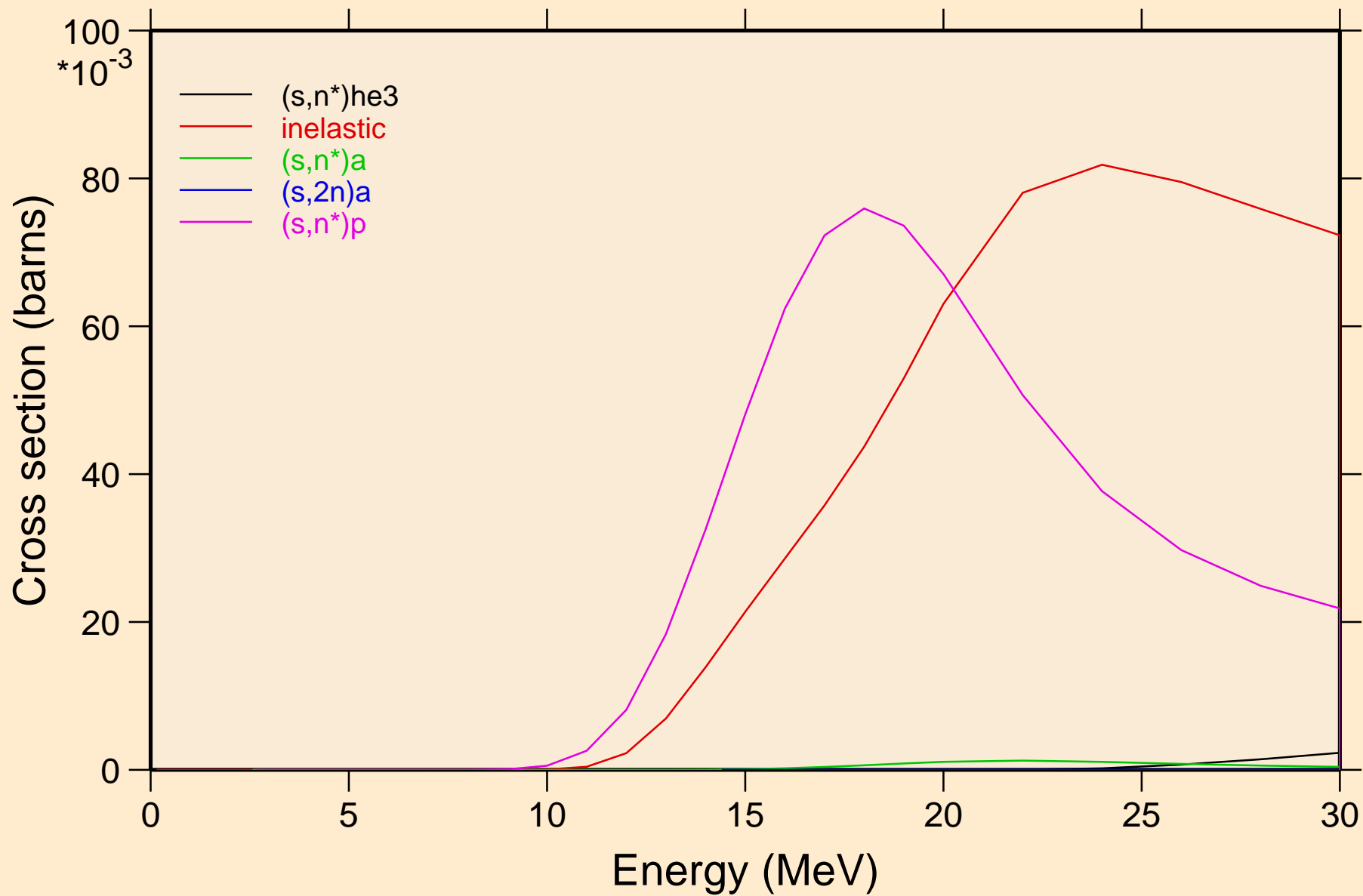


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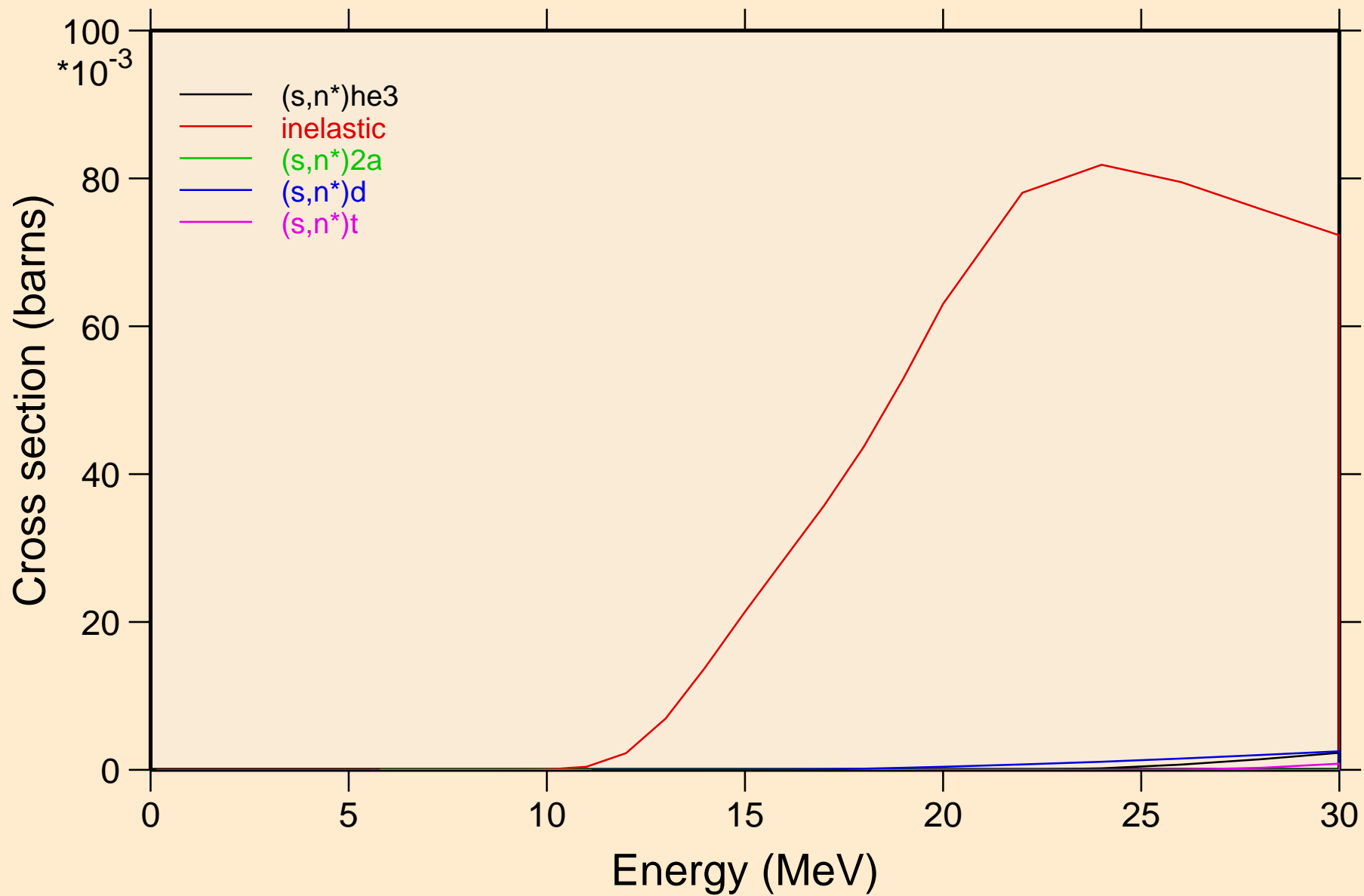
## Threshold reactions



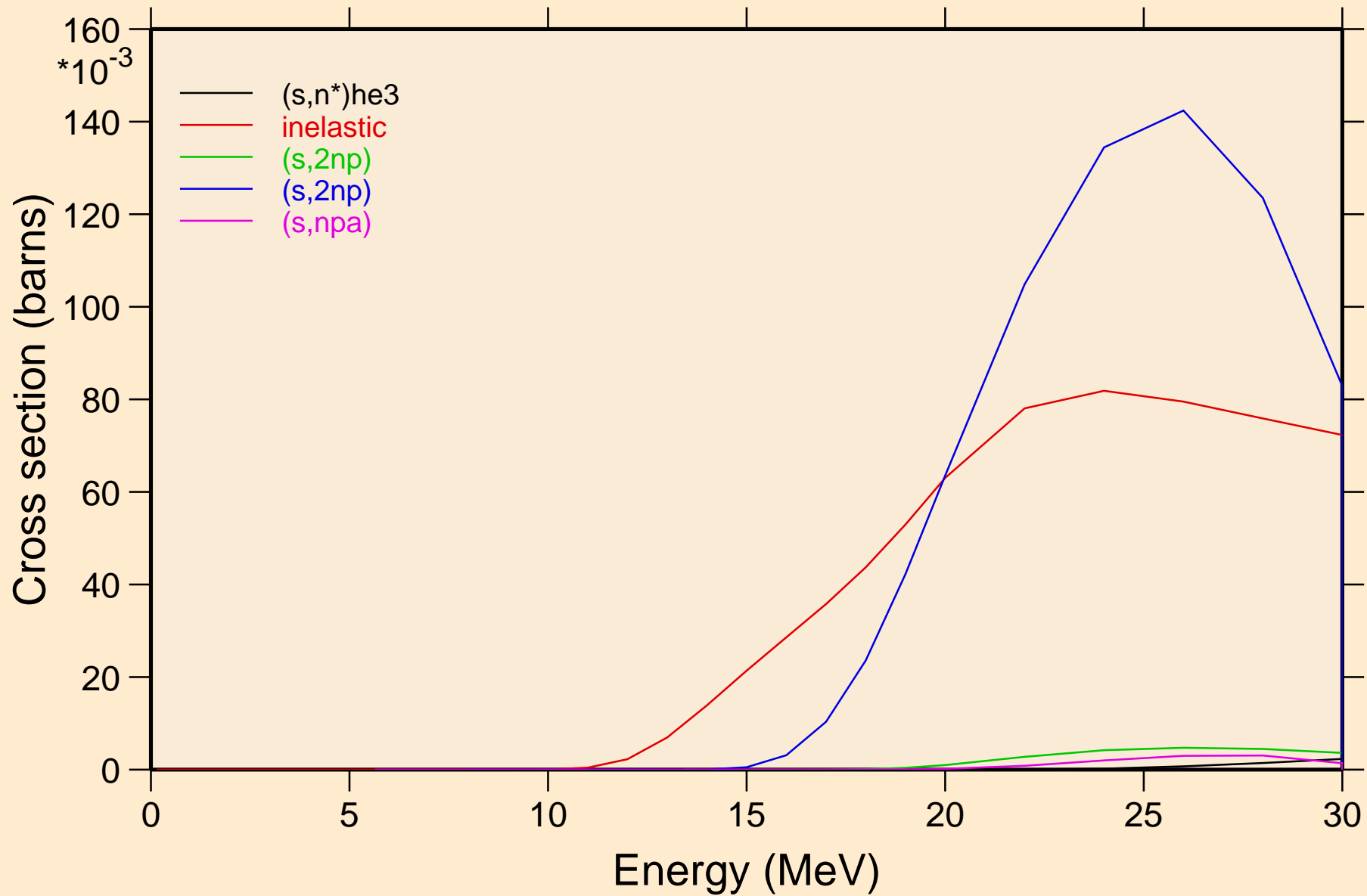
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

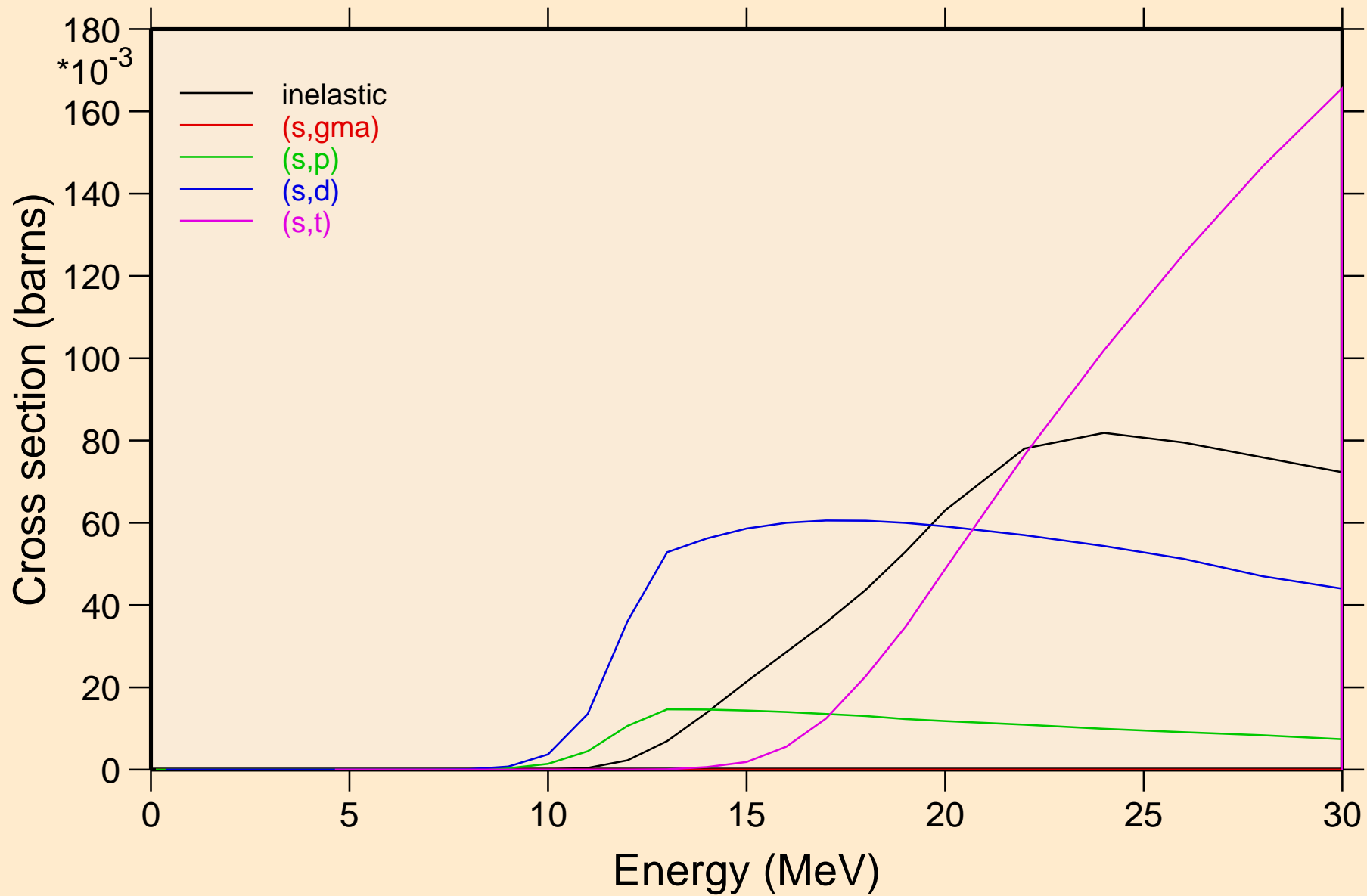


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

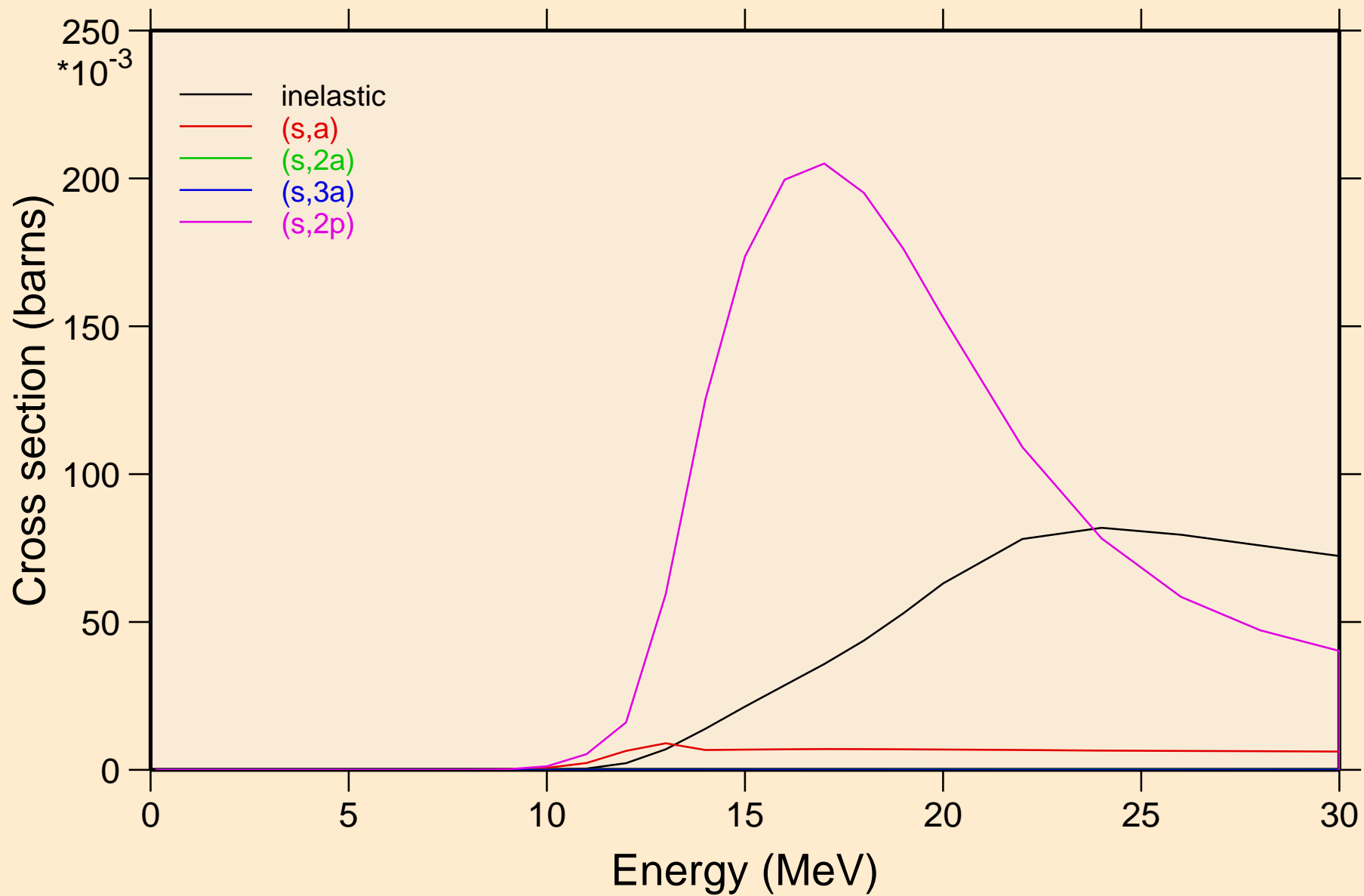




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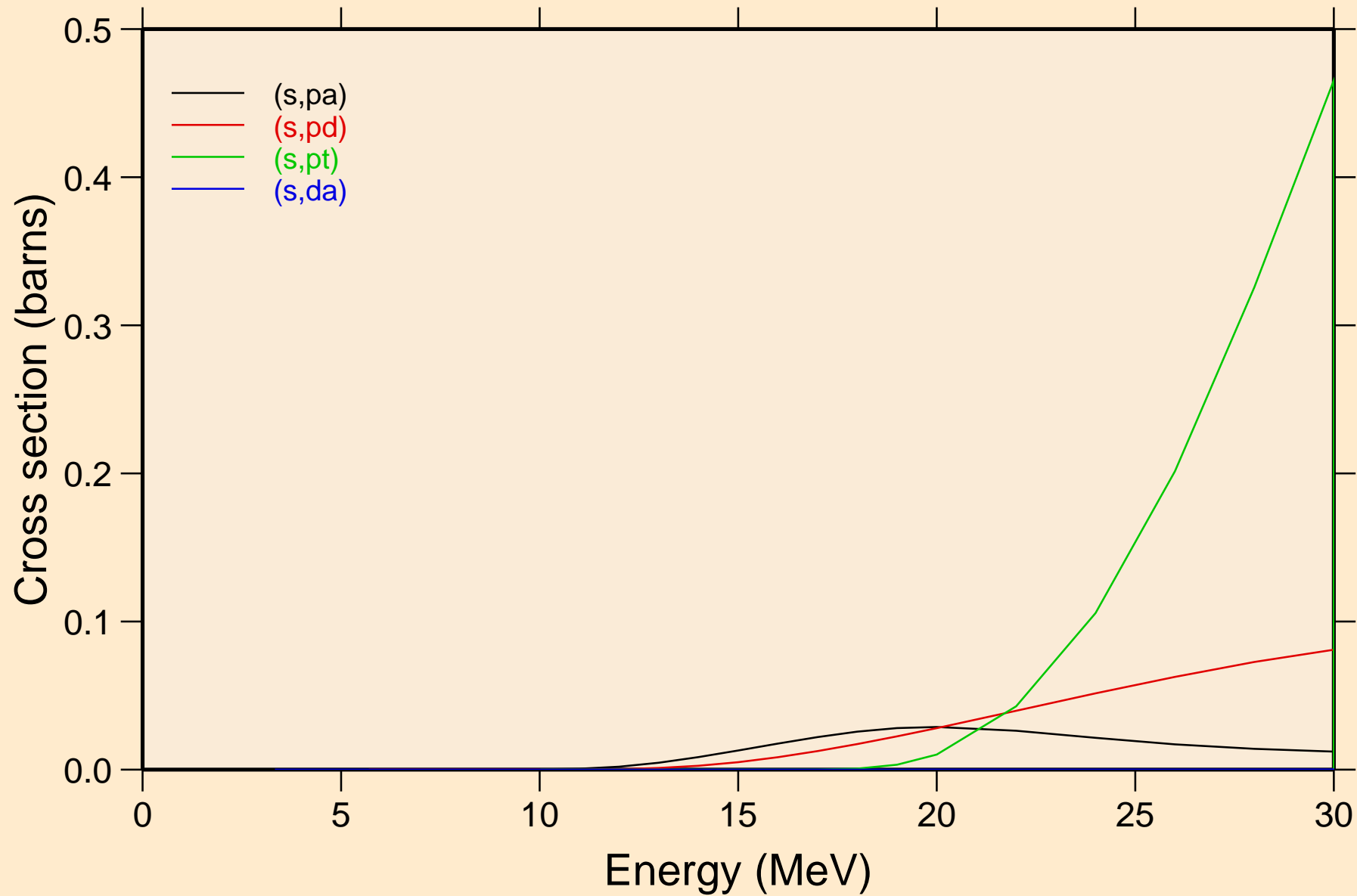


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Threshold reactions

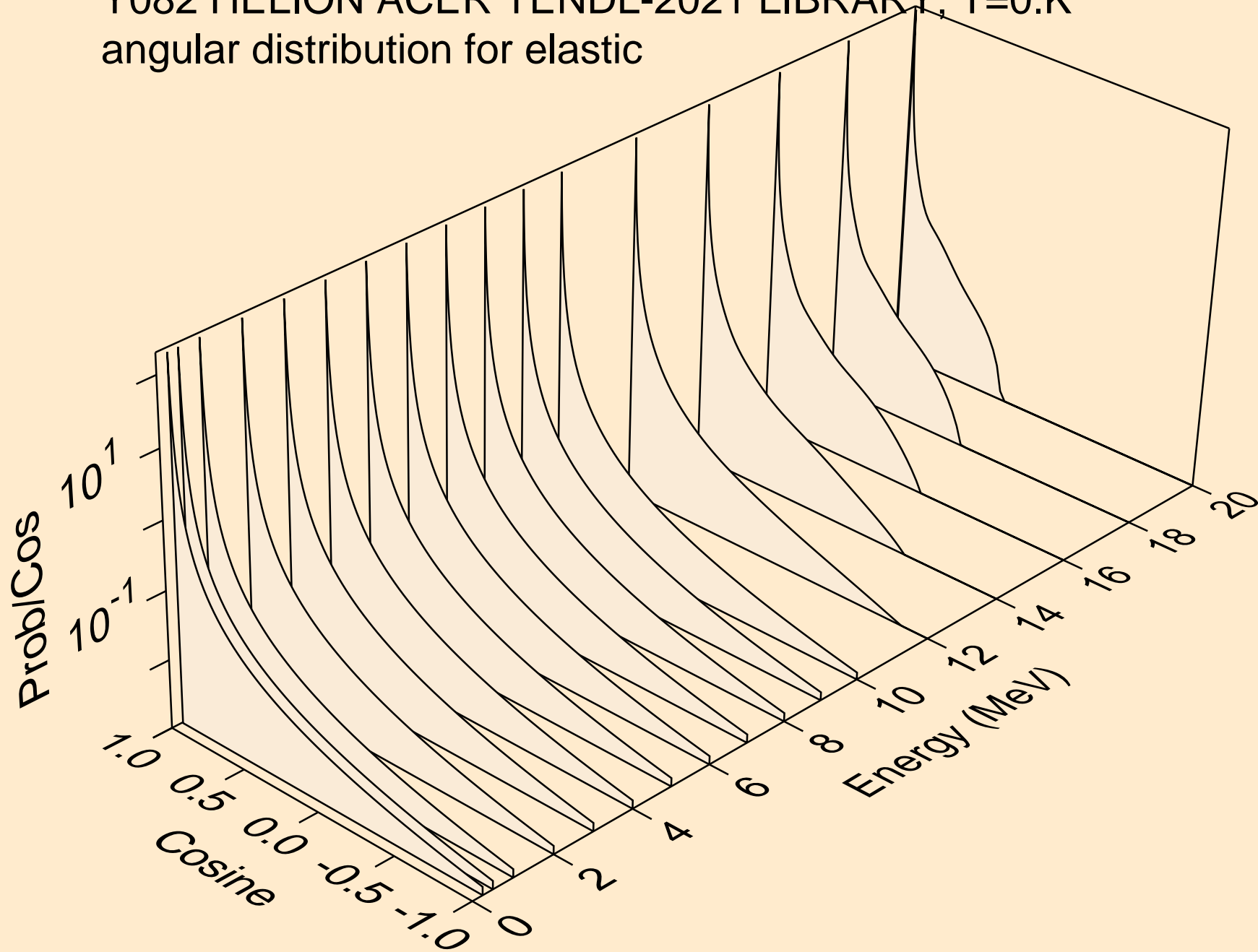


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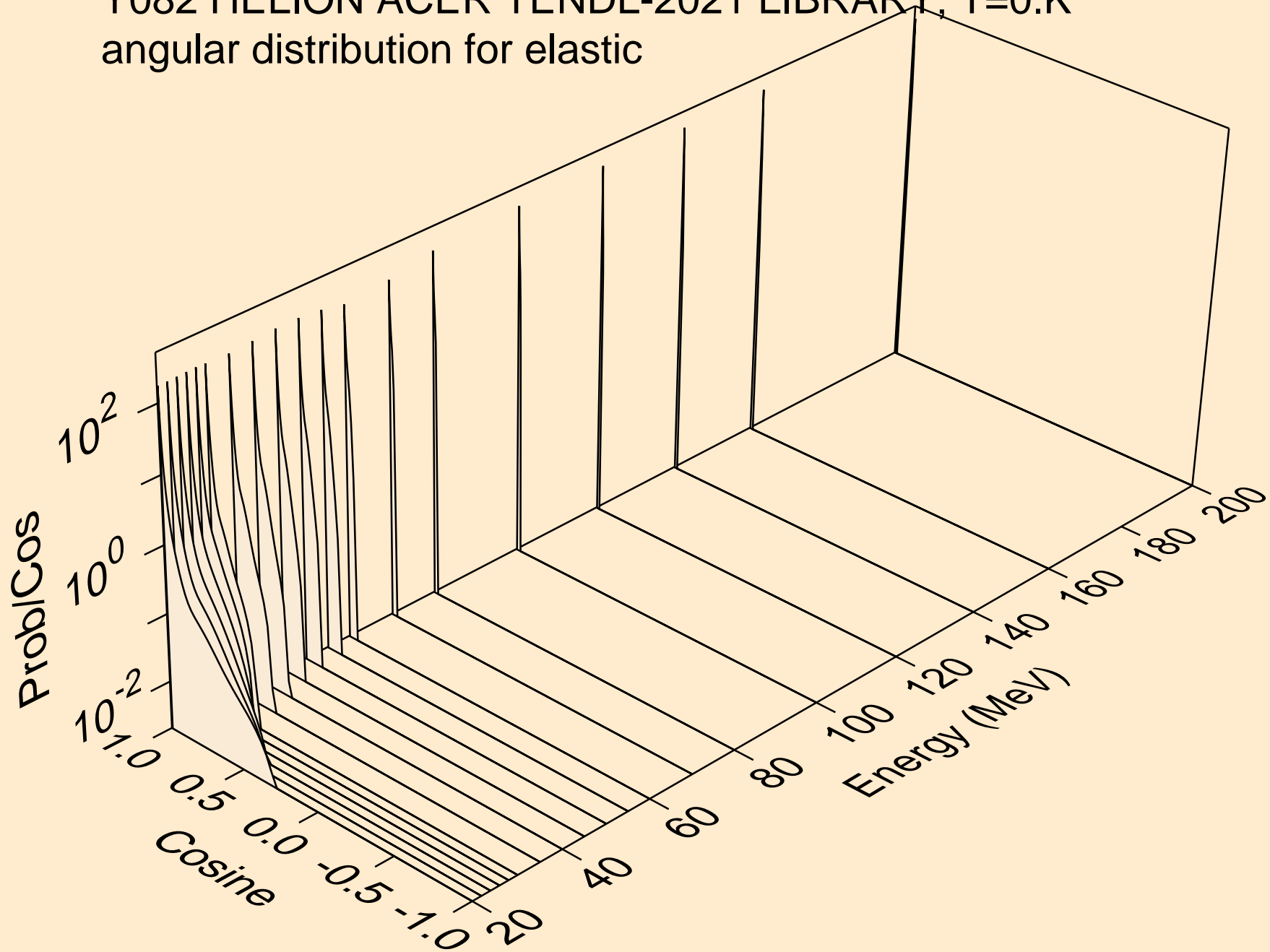
## Threshold reactions



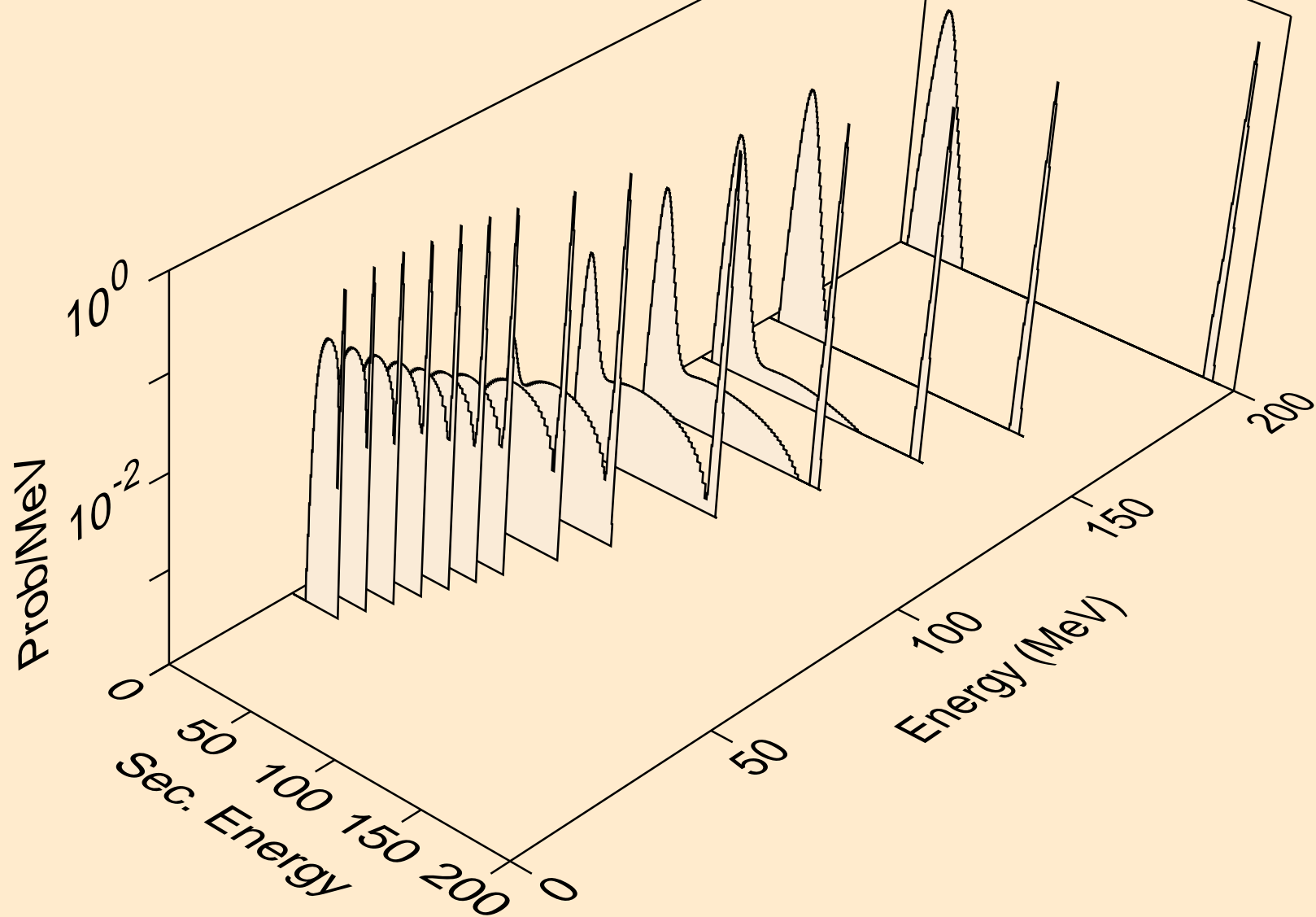
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angular distribution for elastic



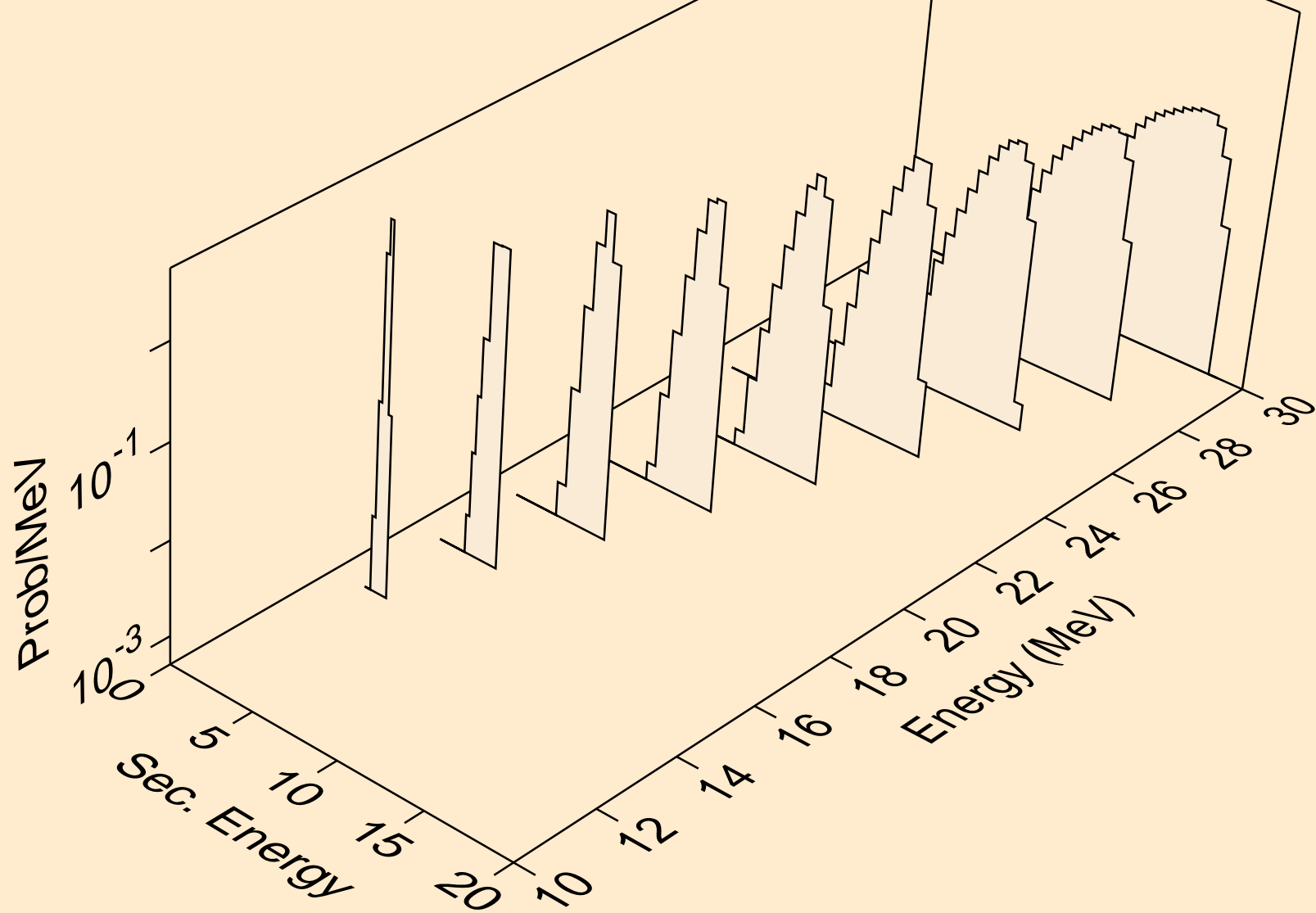
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angular distribution for elastic



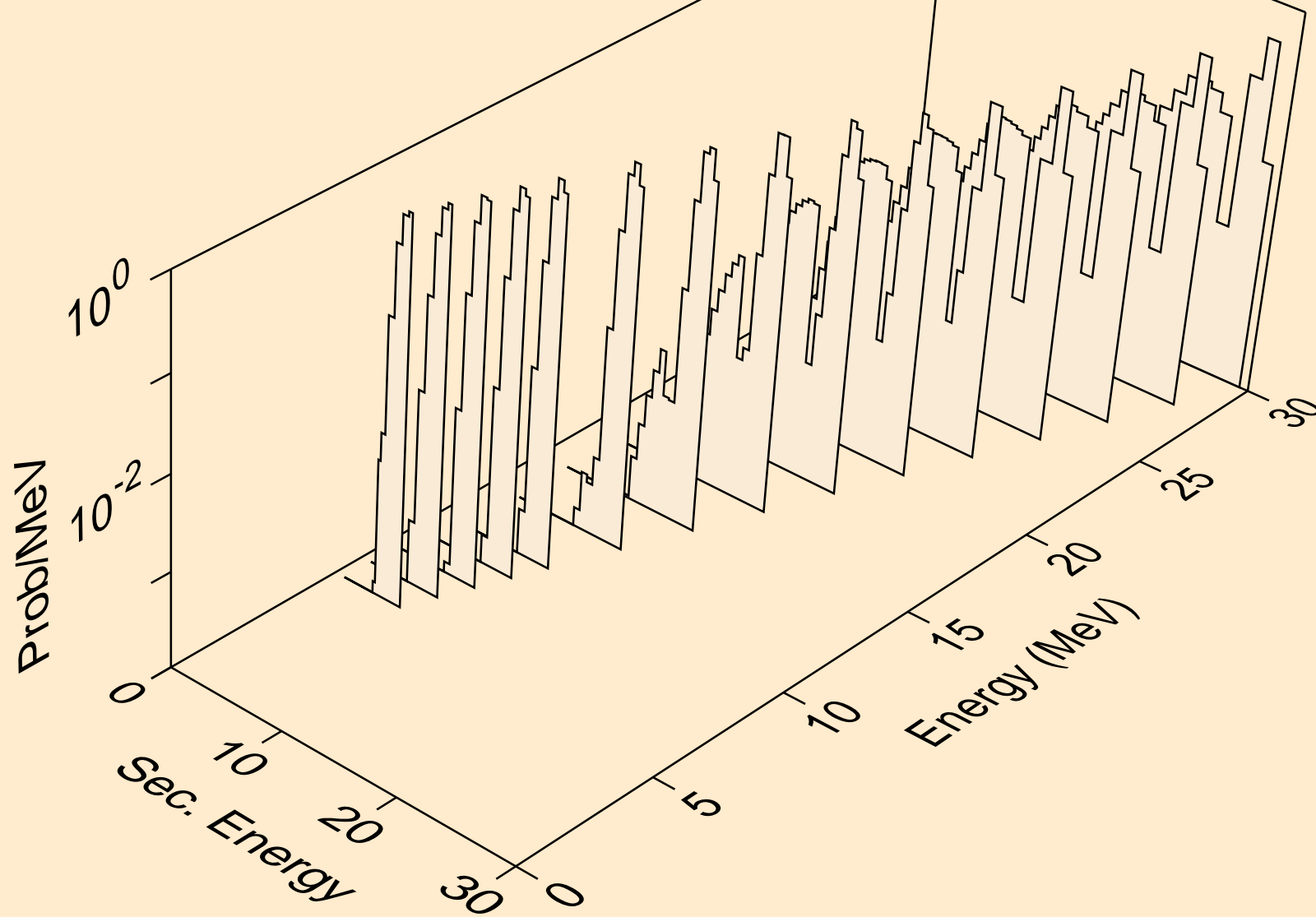
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

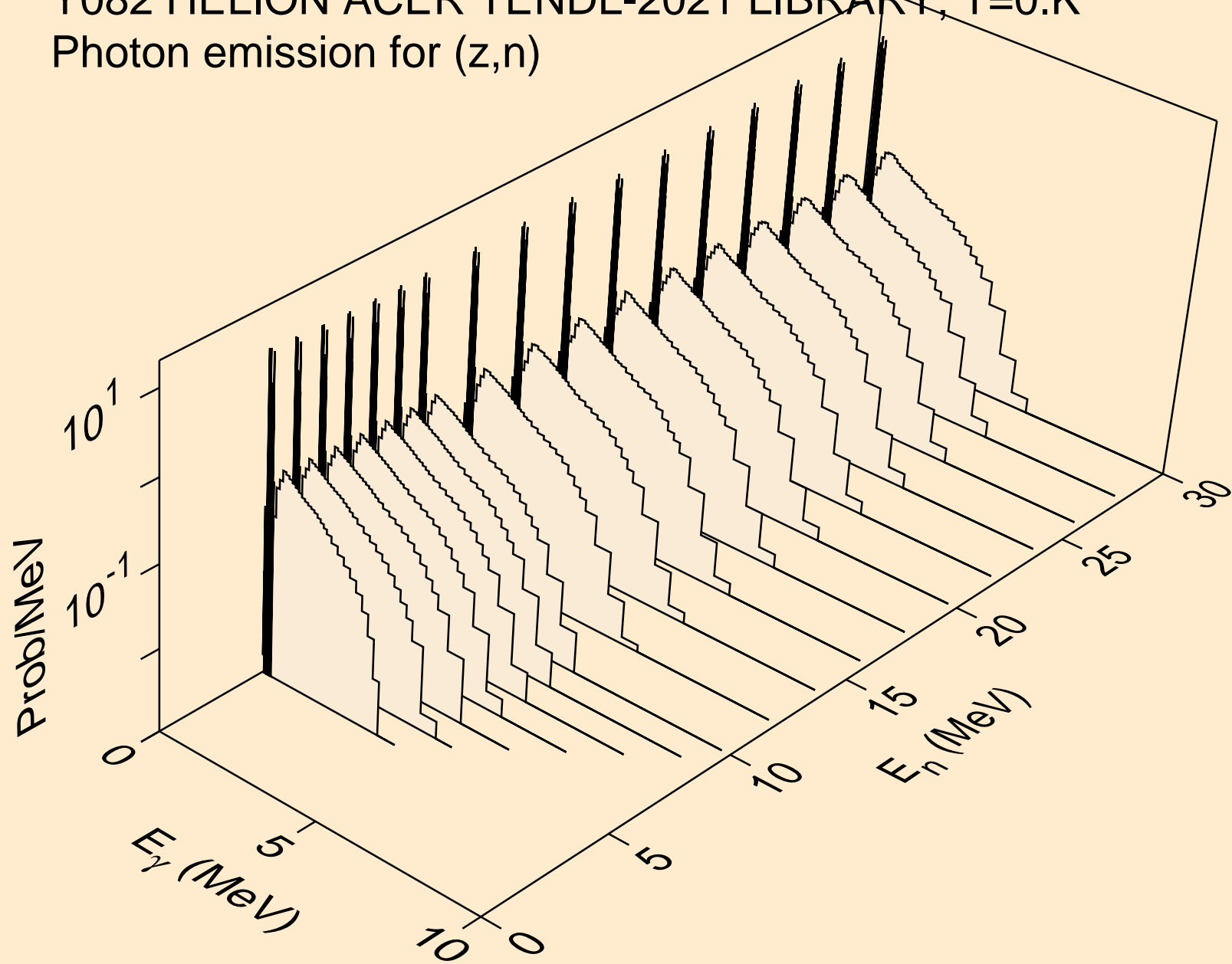


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

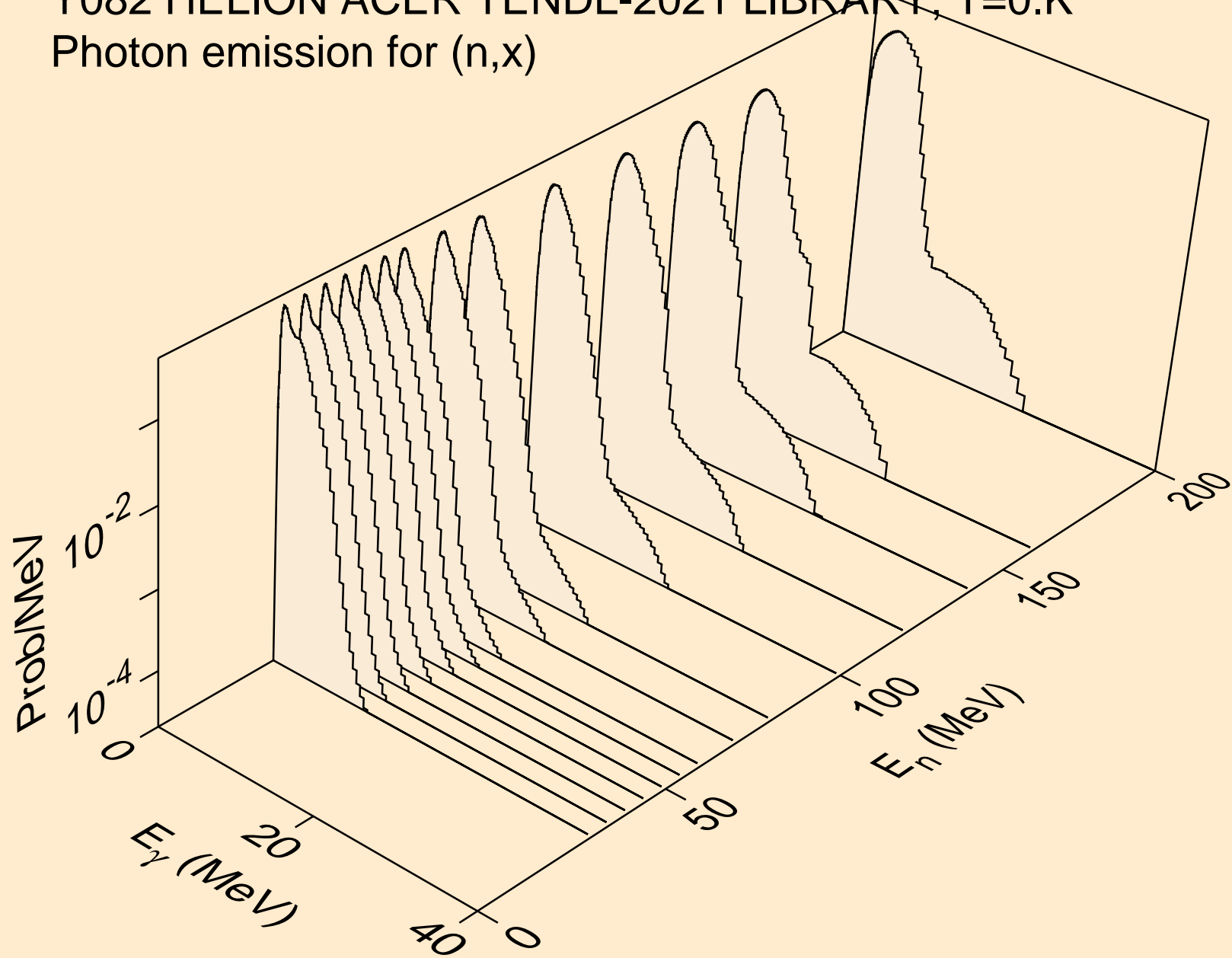




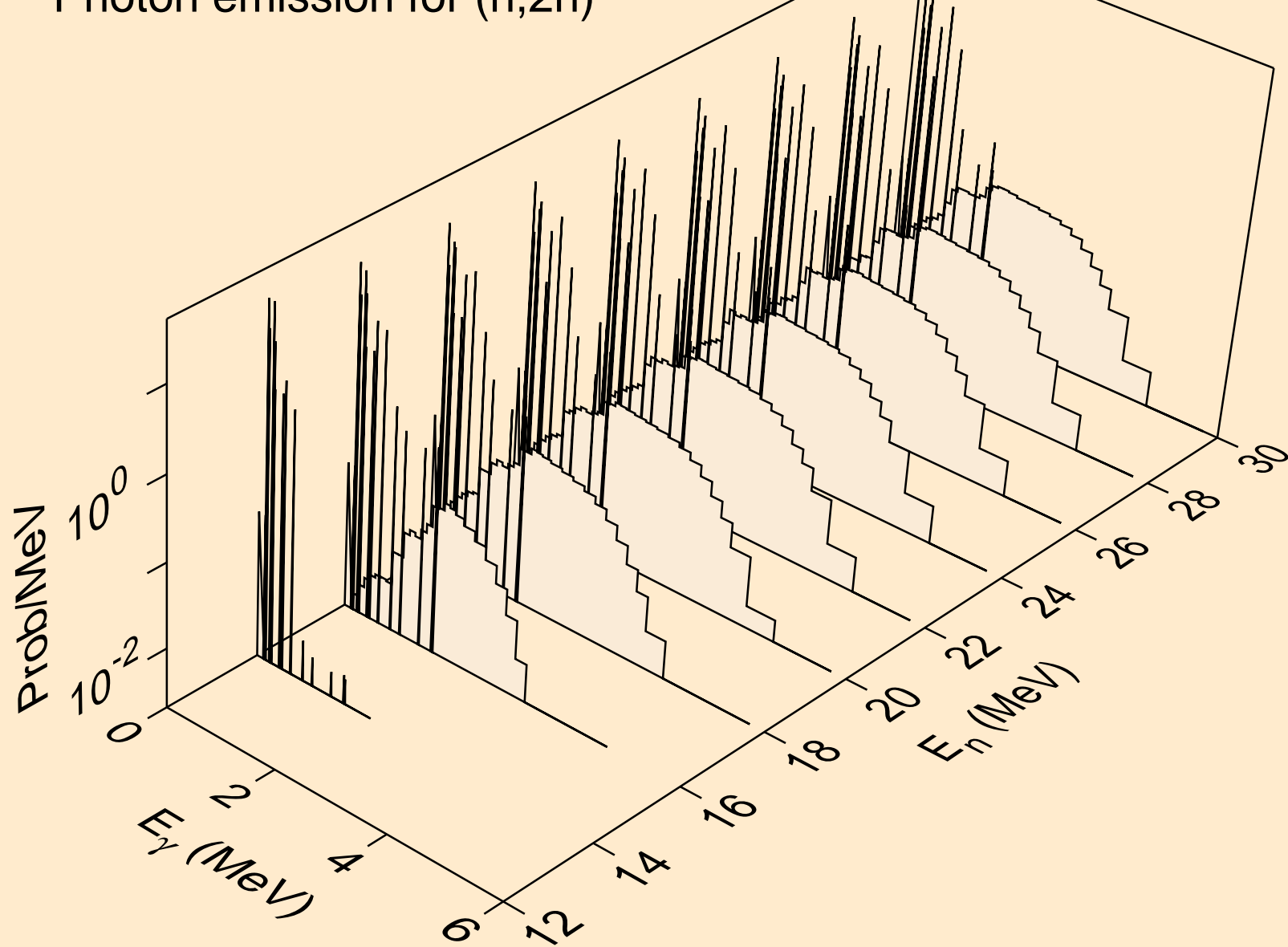
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



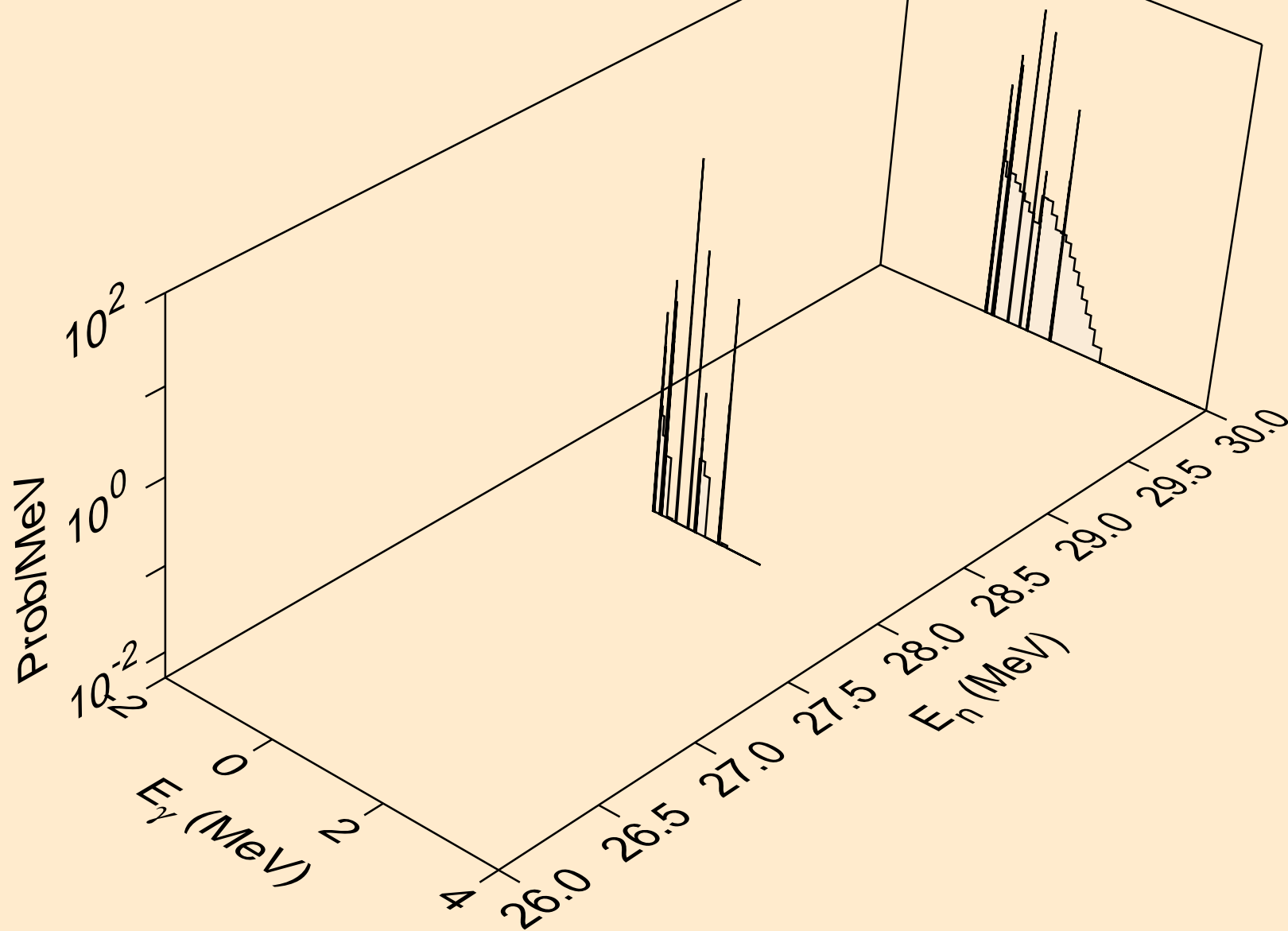
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Photon emission for (n,x)



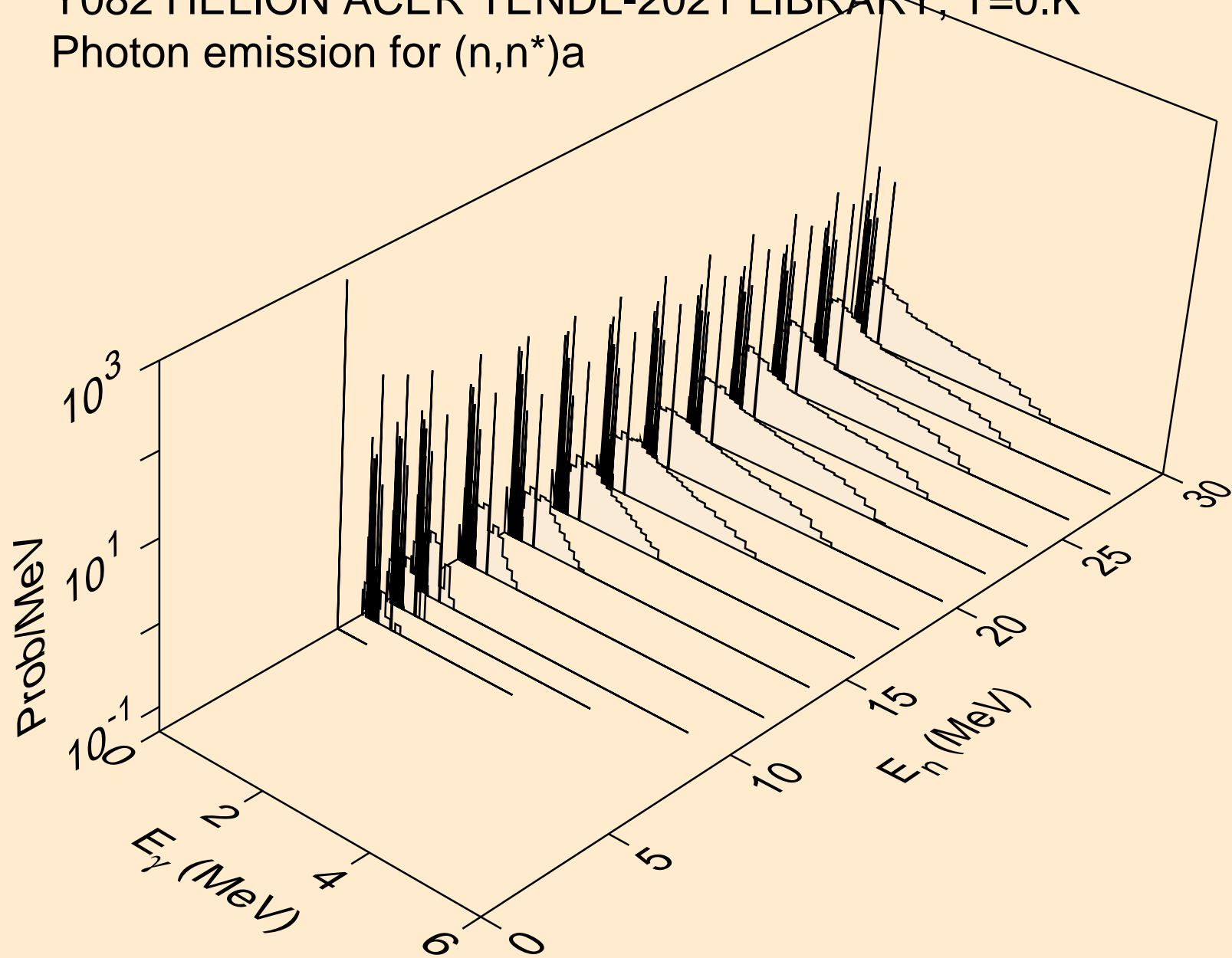
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Photon emission for (n,2n)



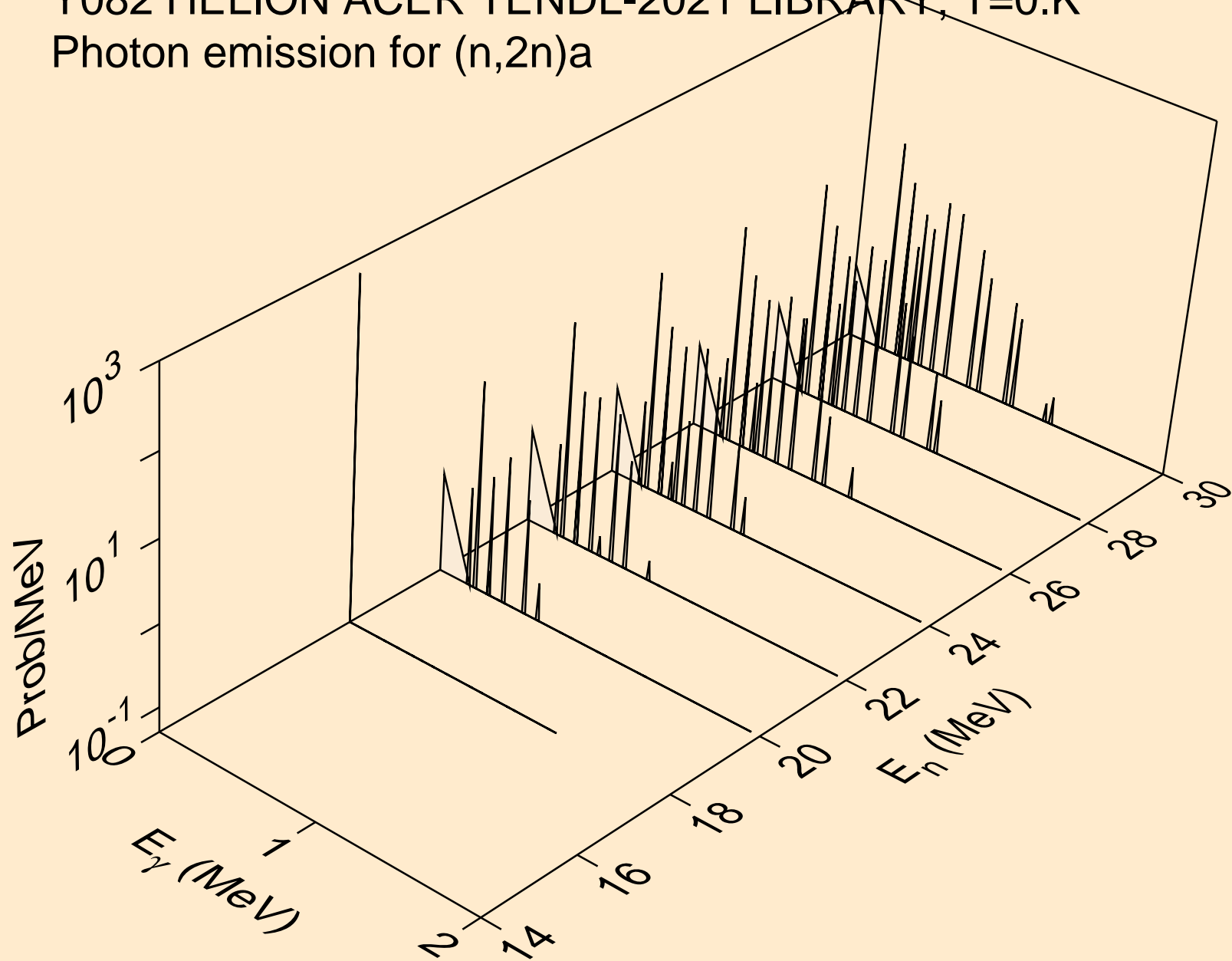
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



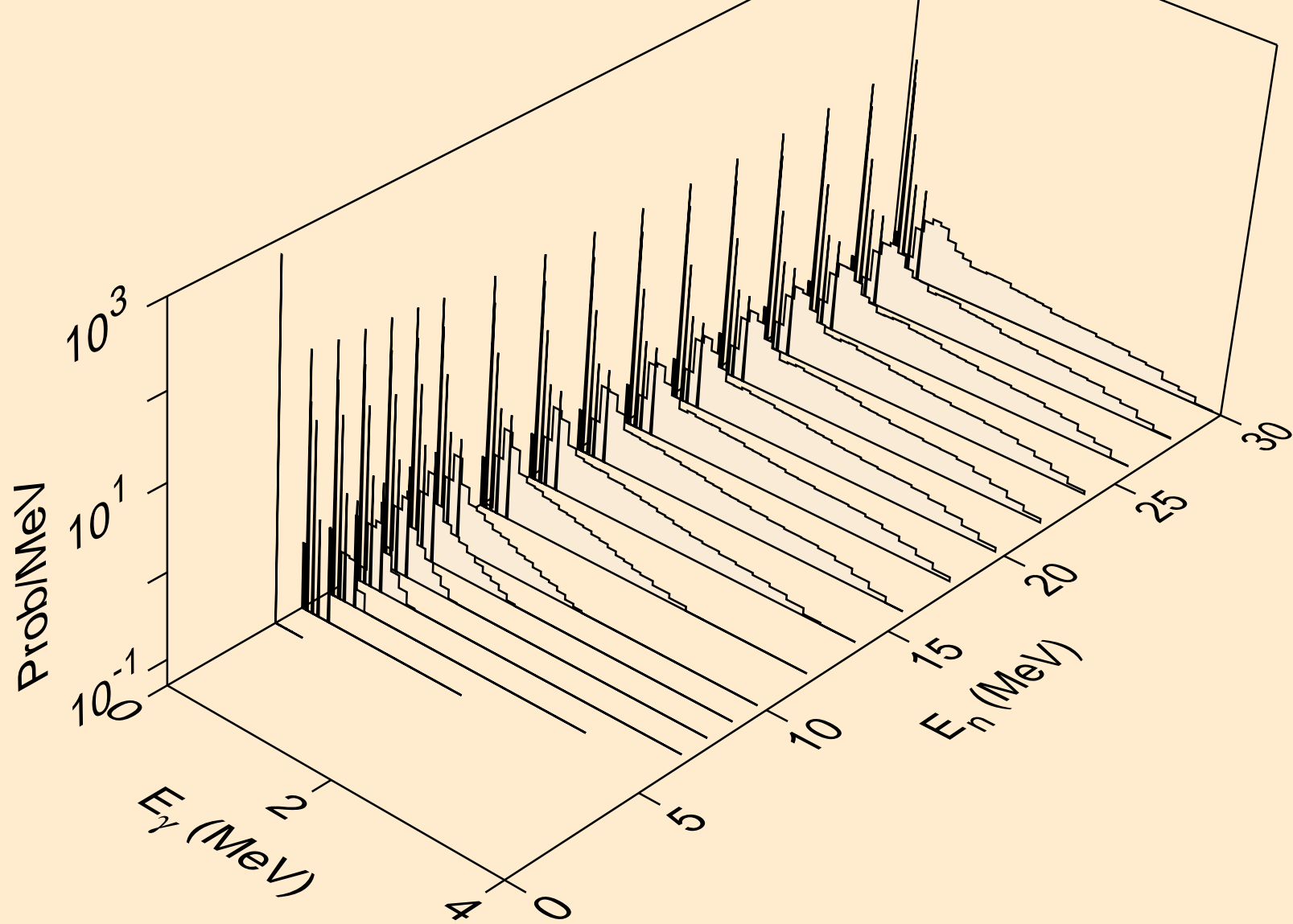
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



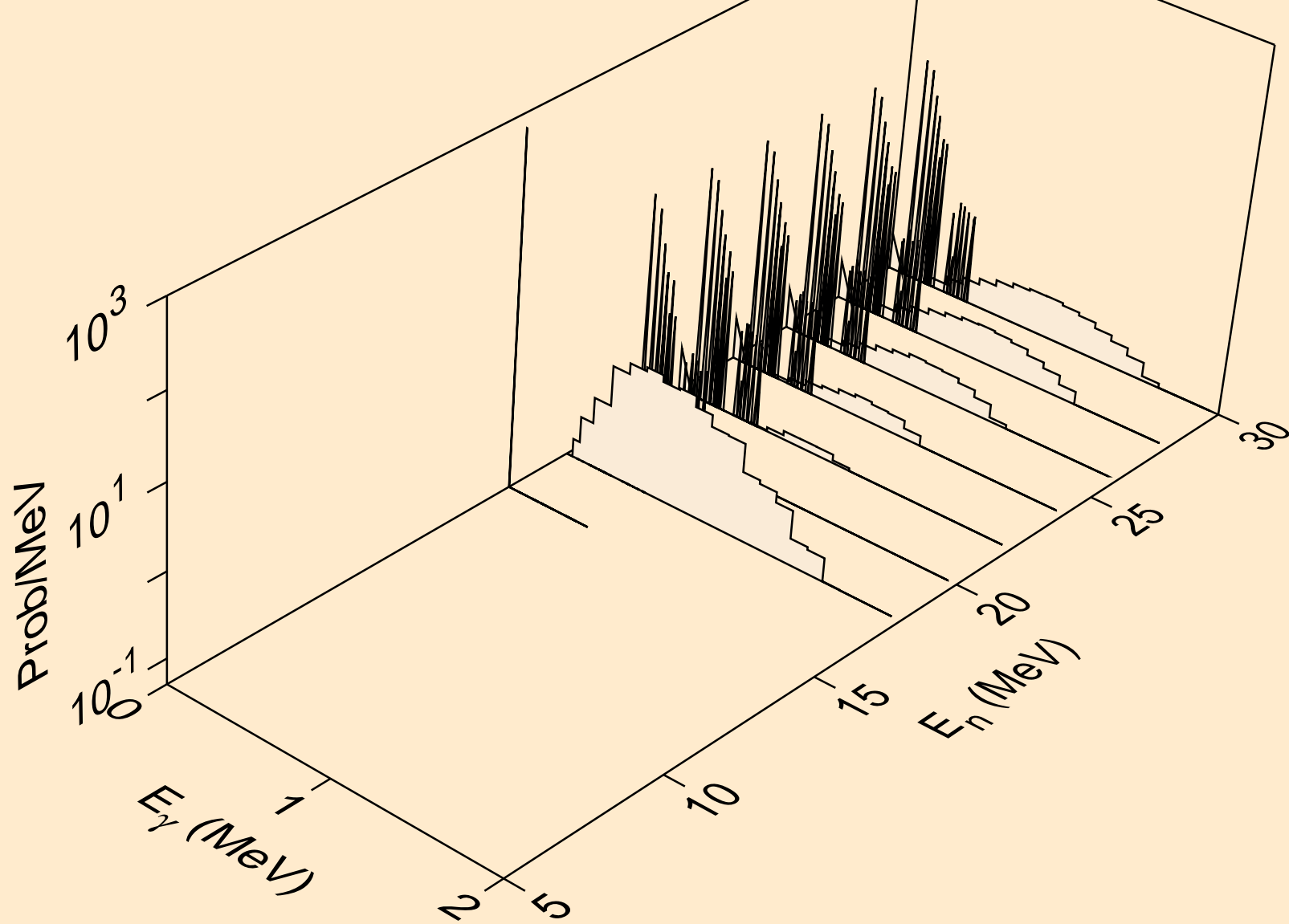
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

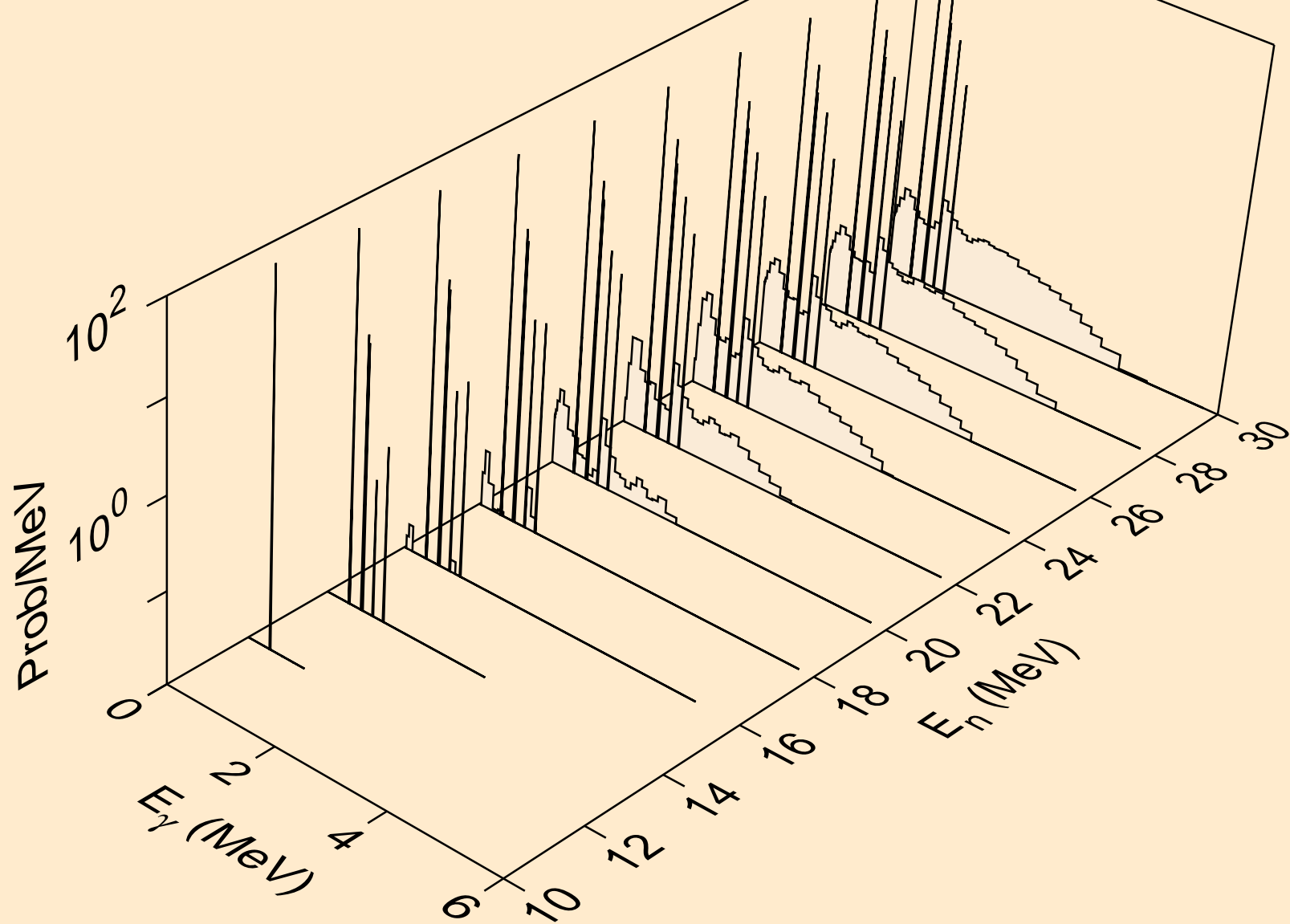


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Photon emission for (n,n\*)2a

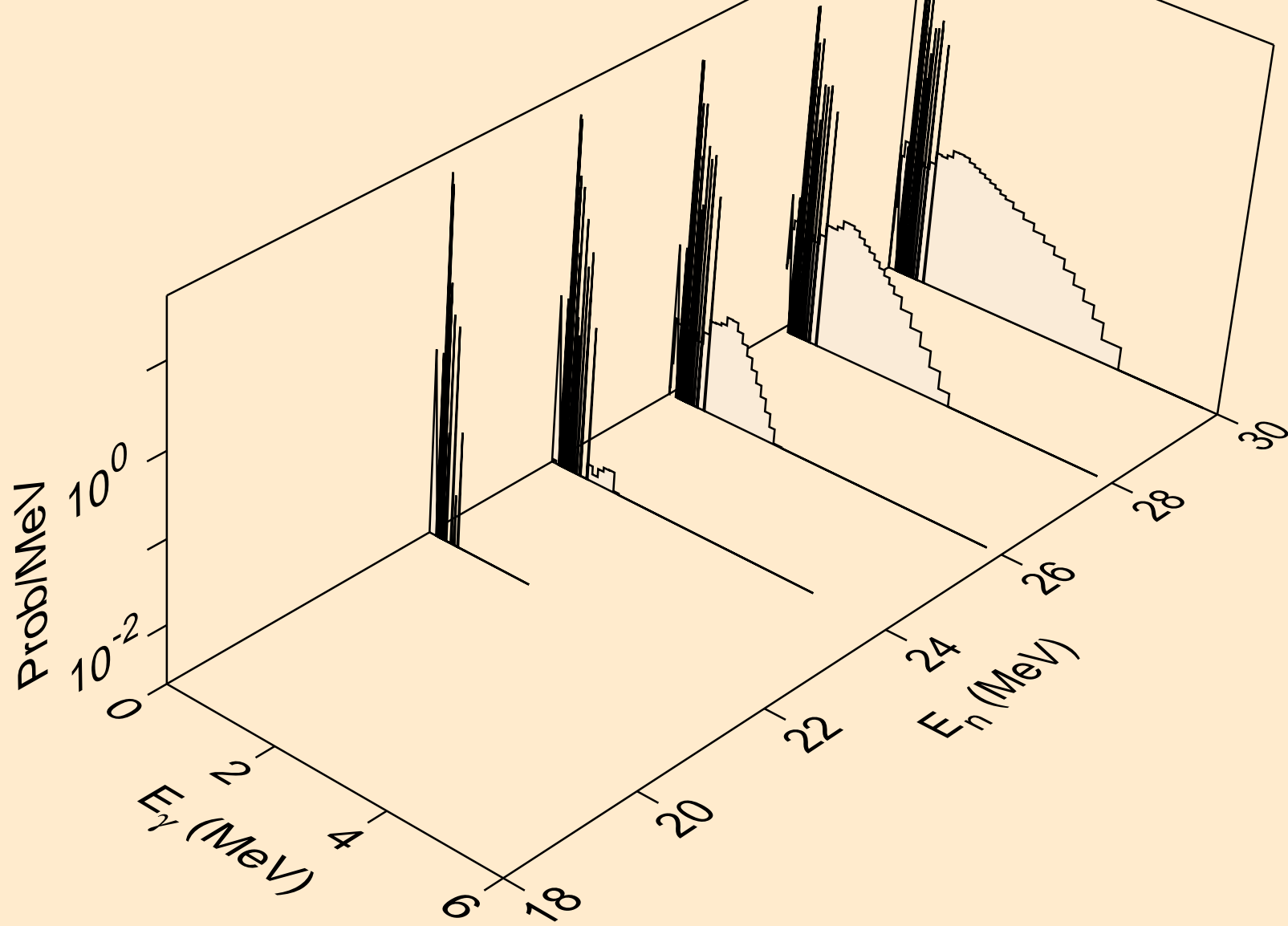




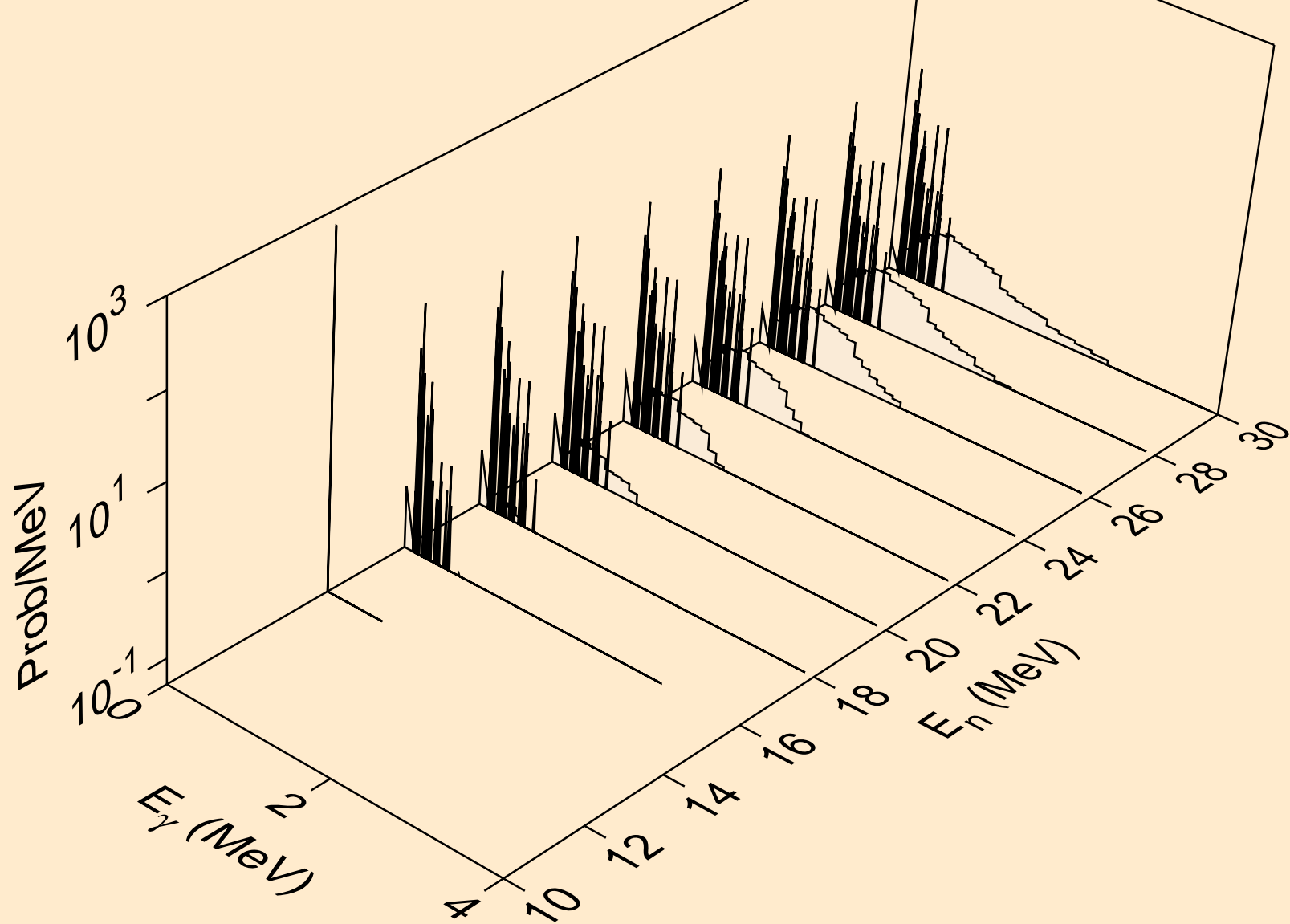
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Photon emission for (n,n\*)d



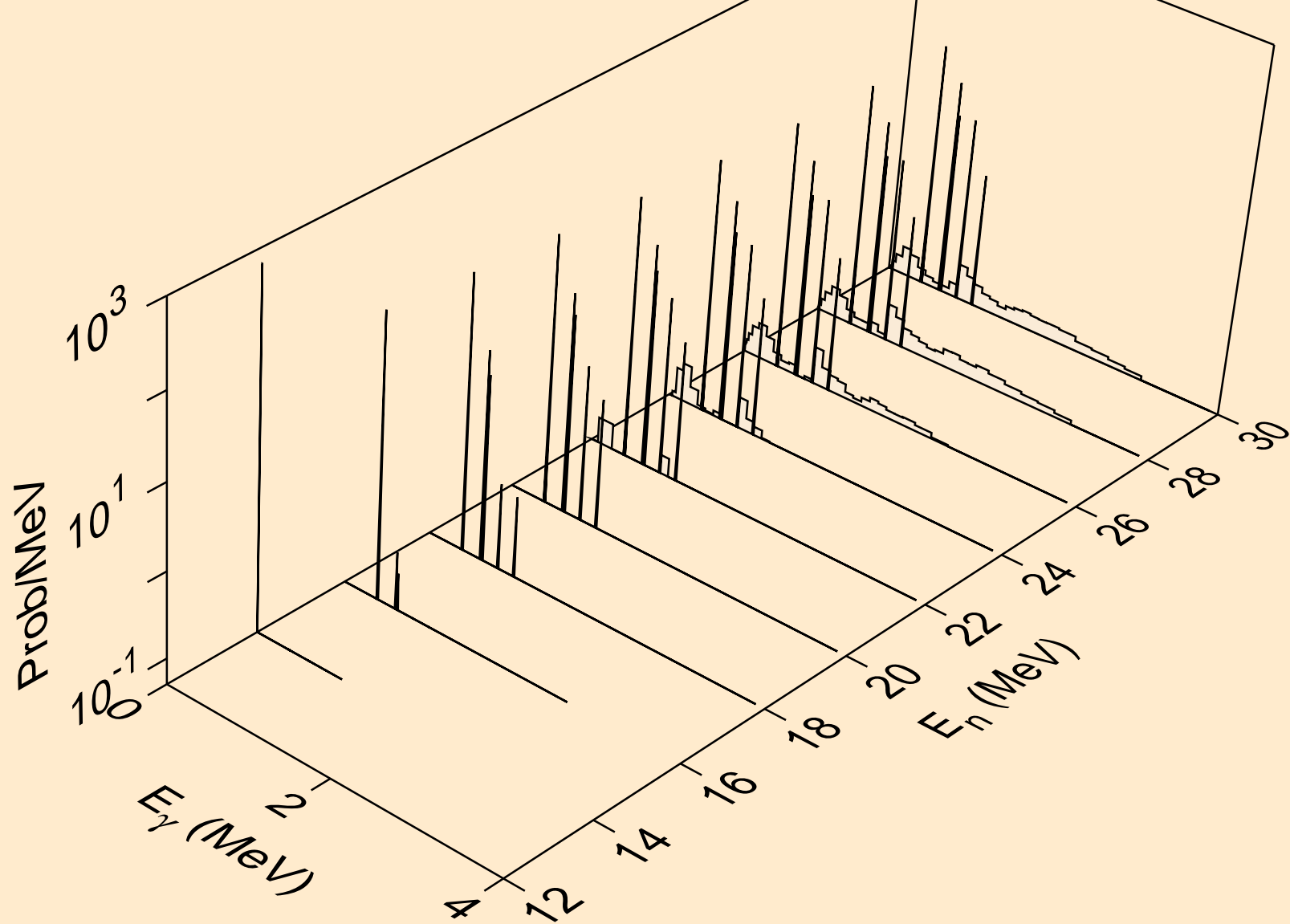
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



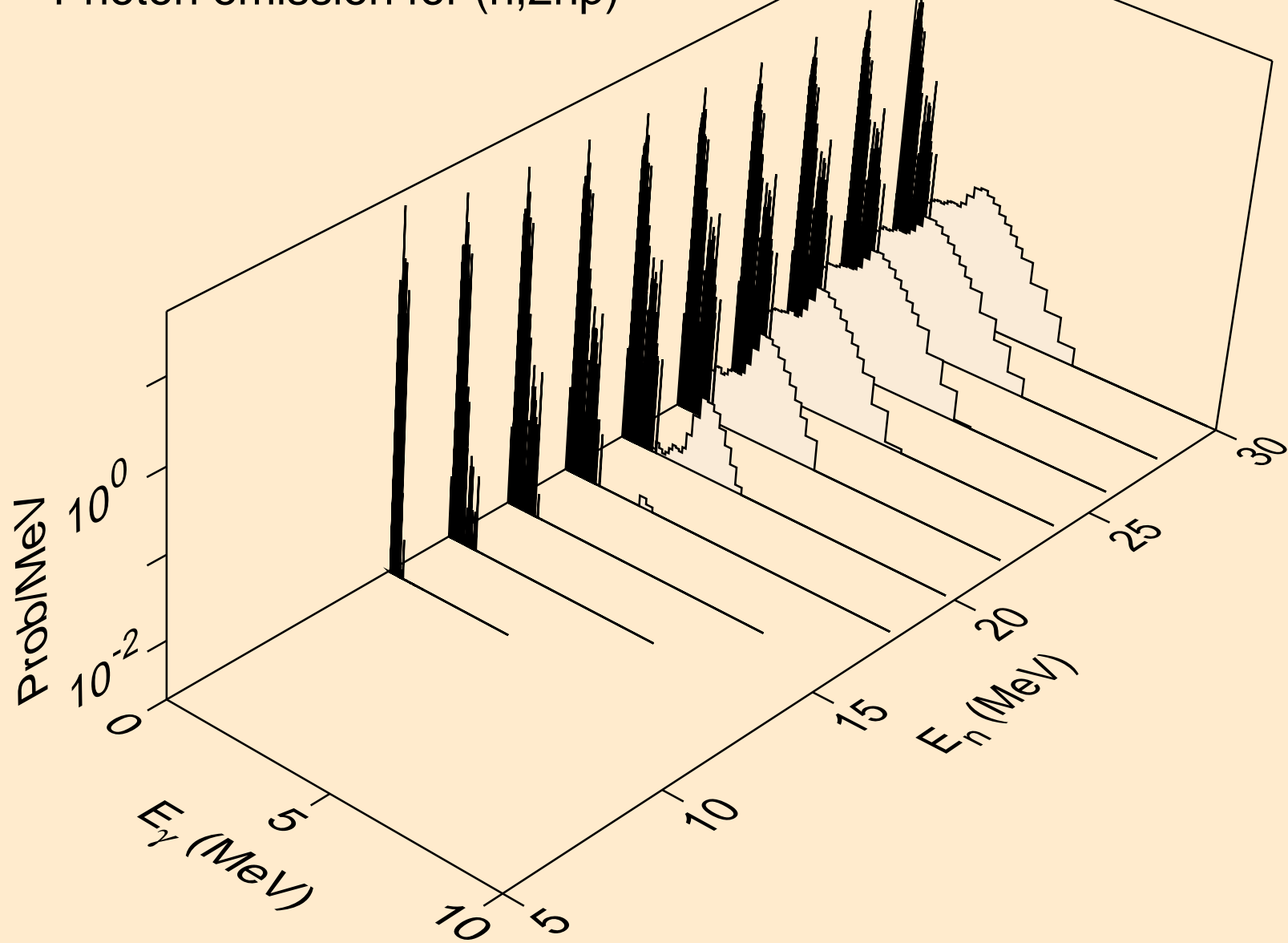
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



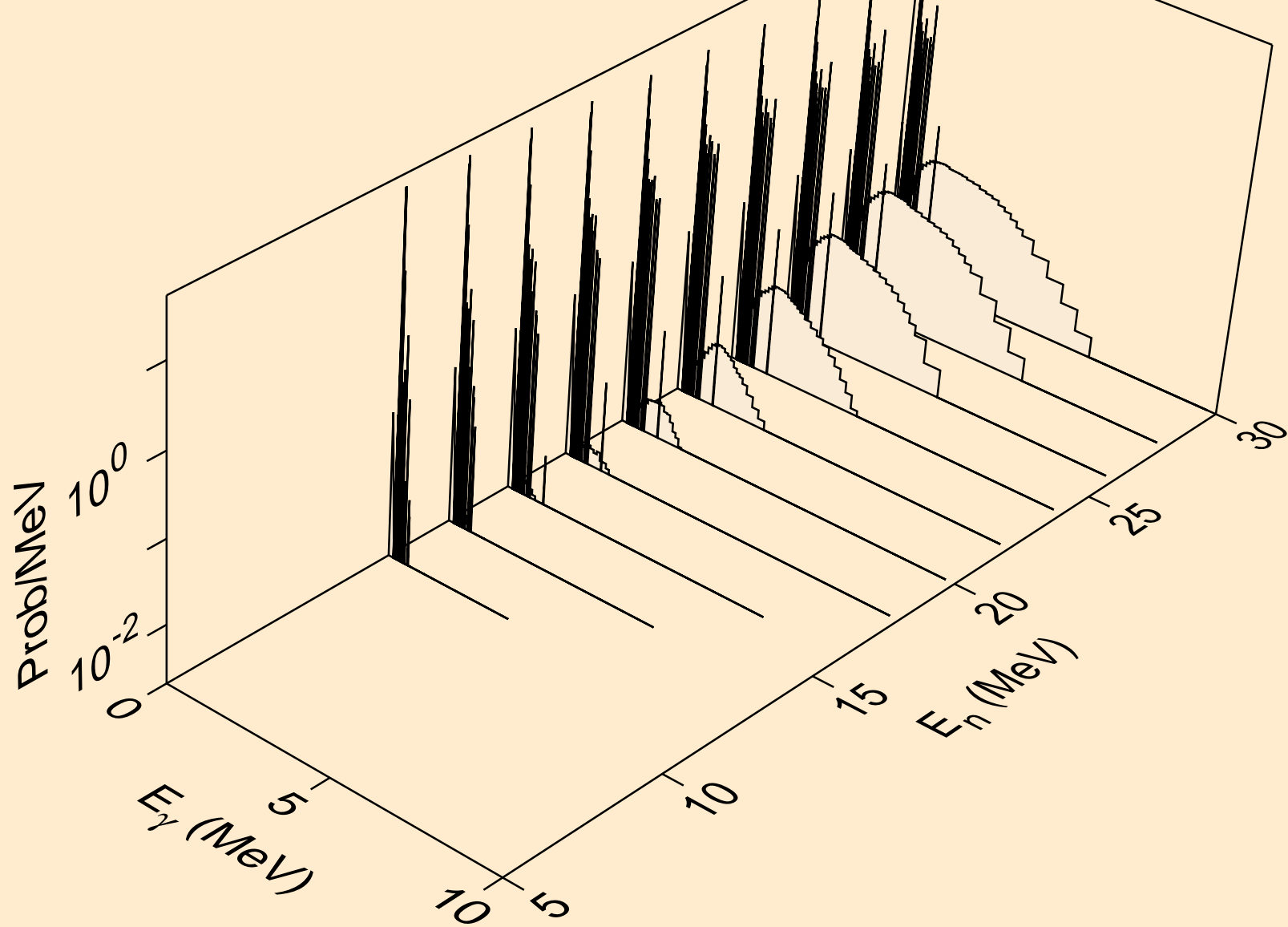
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Photon emission for (n,2np)



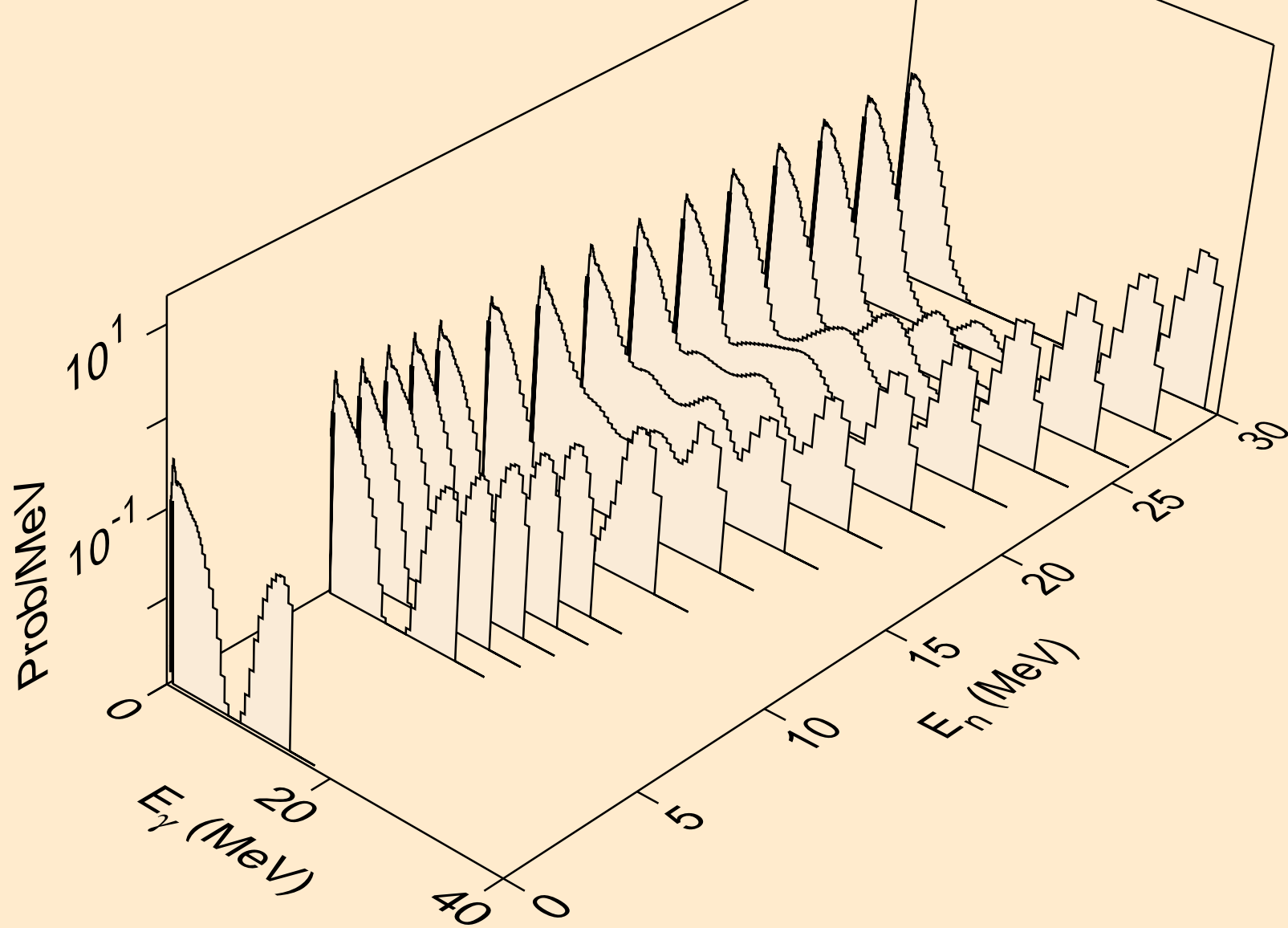
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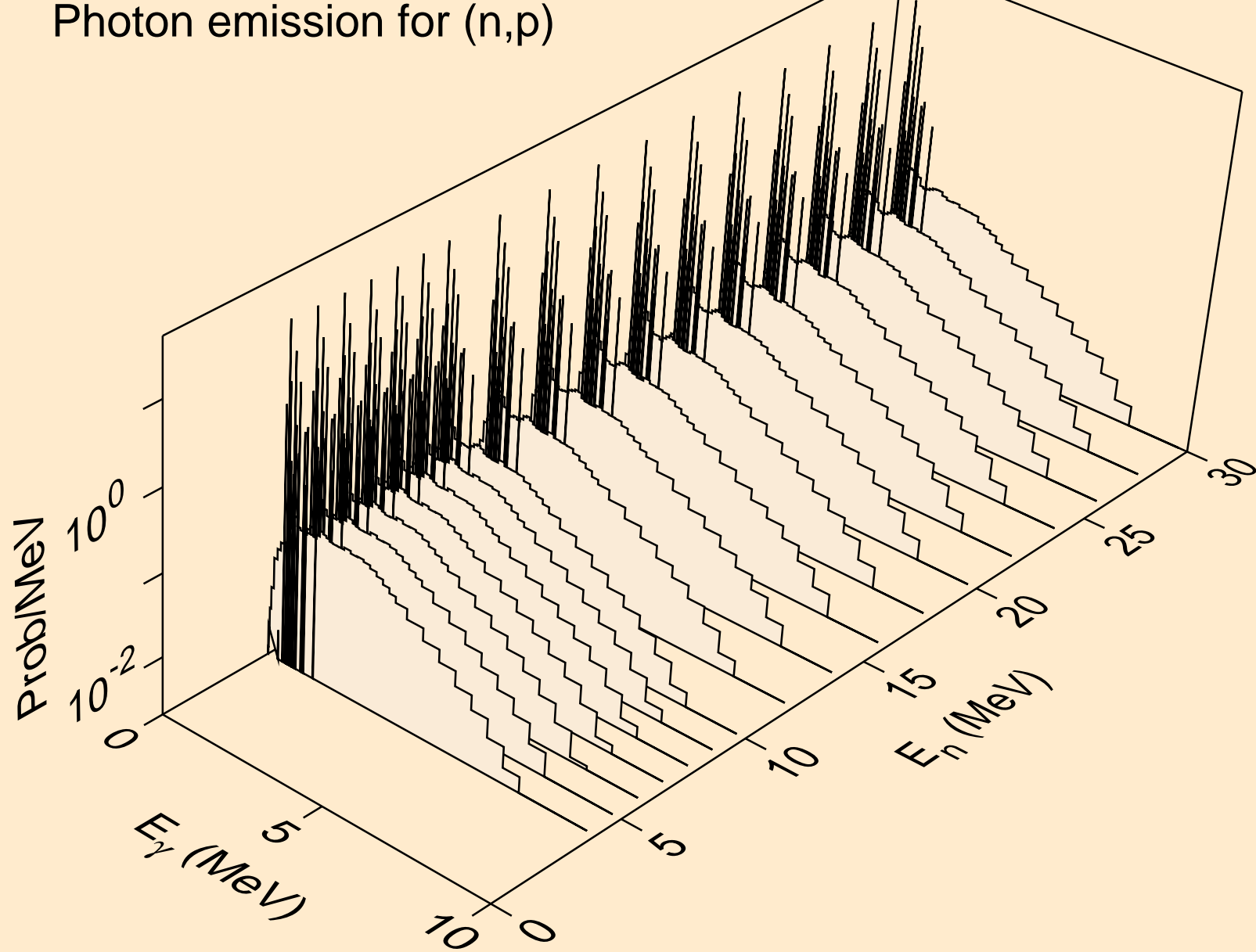
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

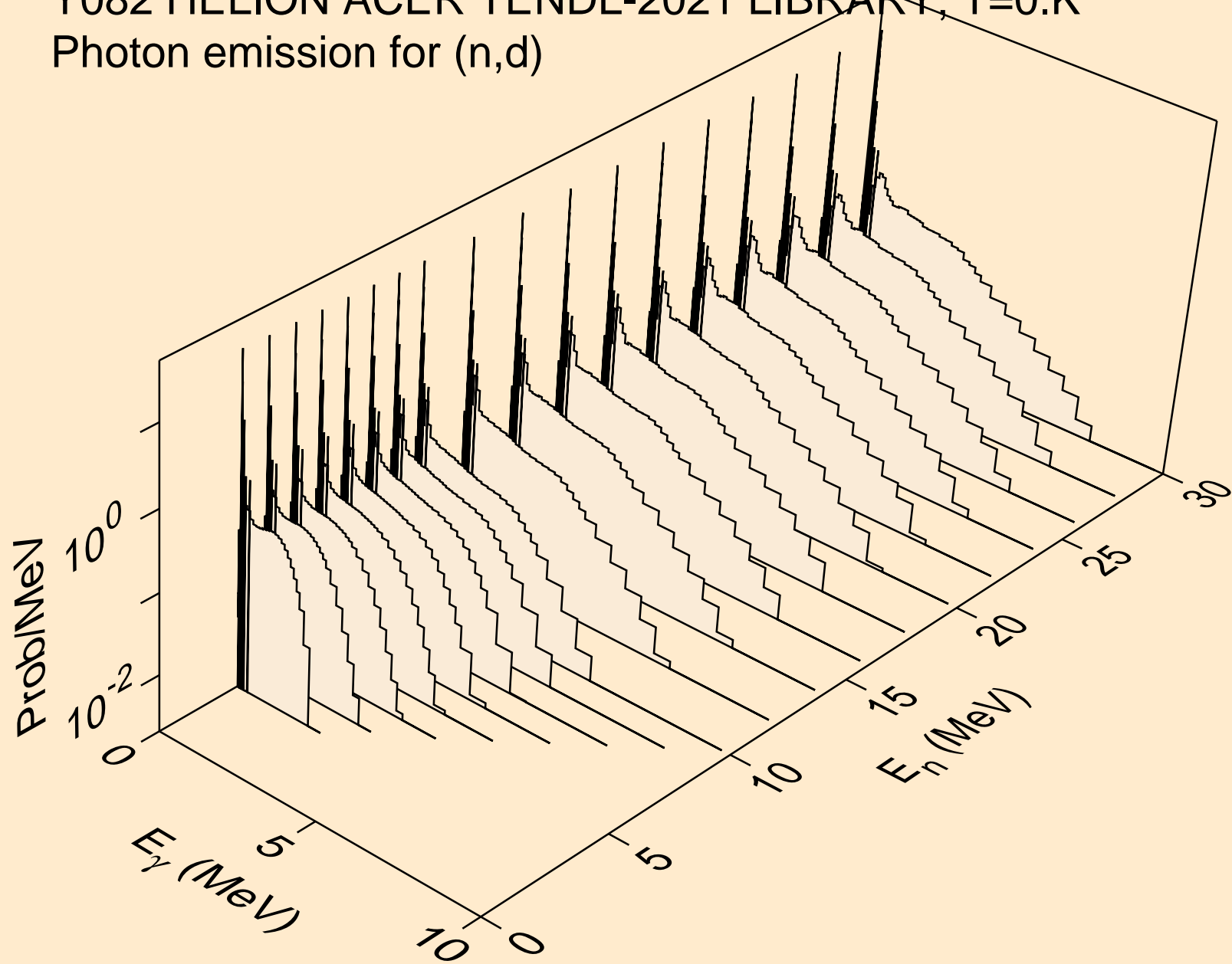


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Photon emission for (n,p)

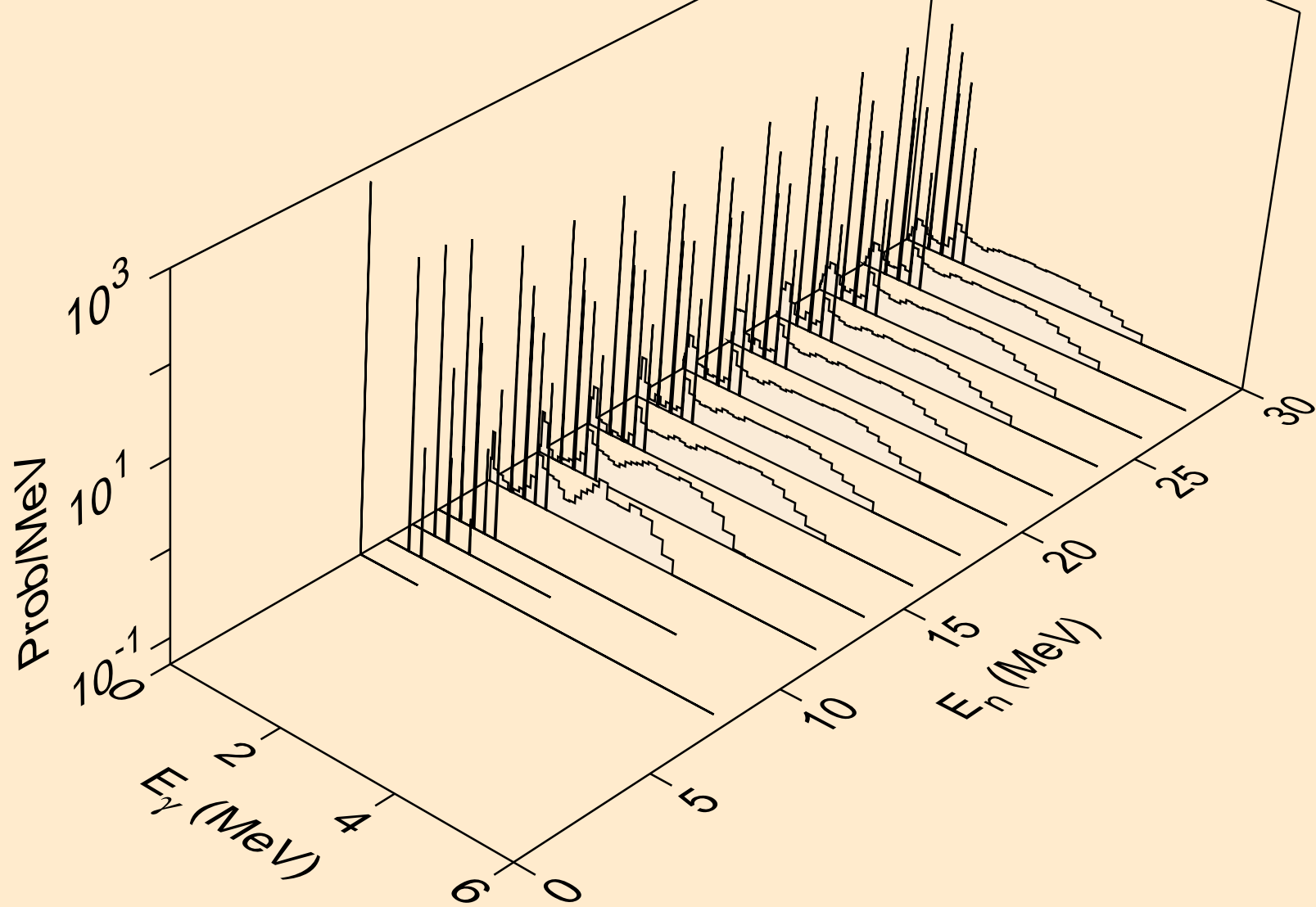




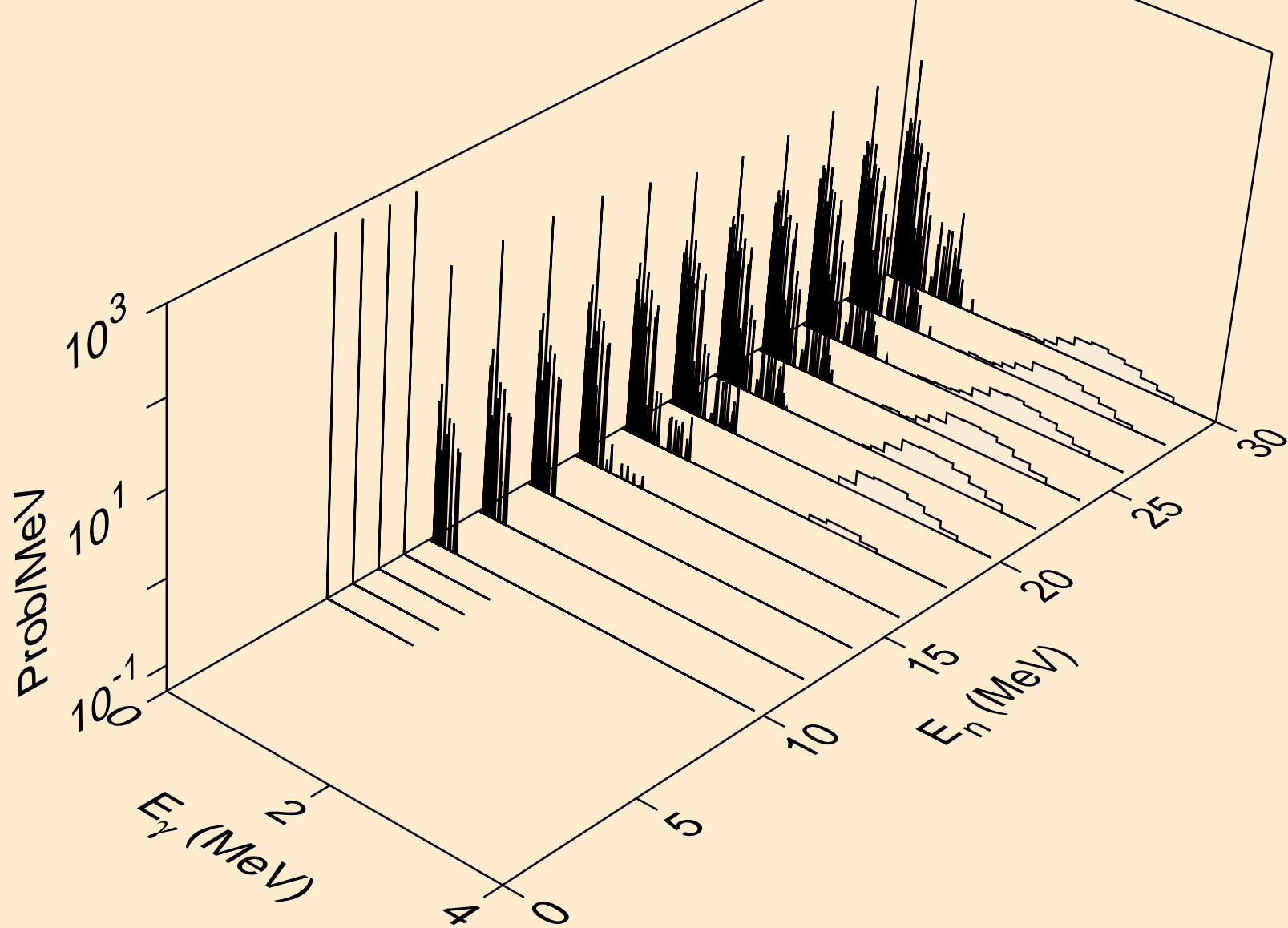
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Photon emission for (n,d)



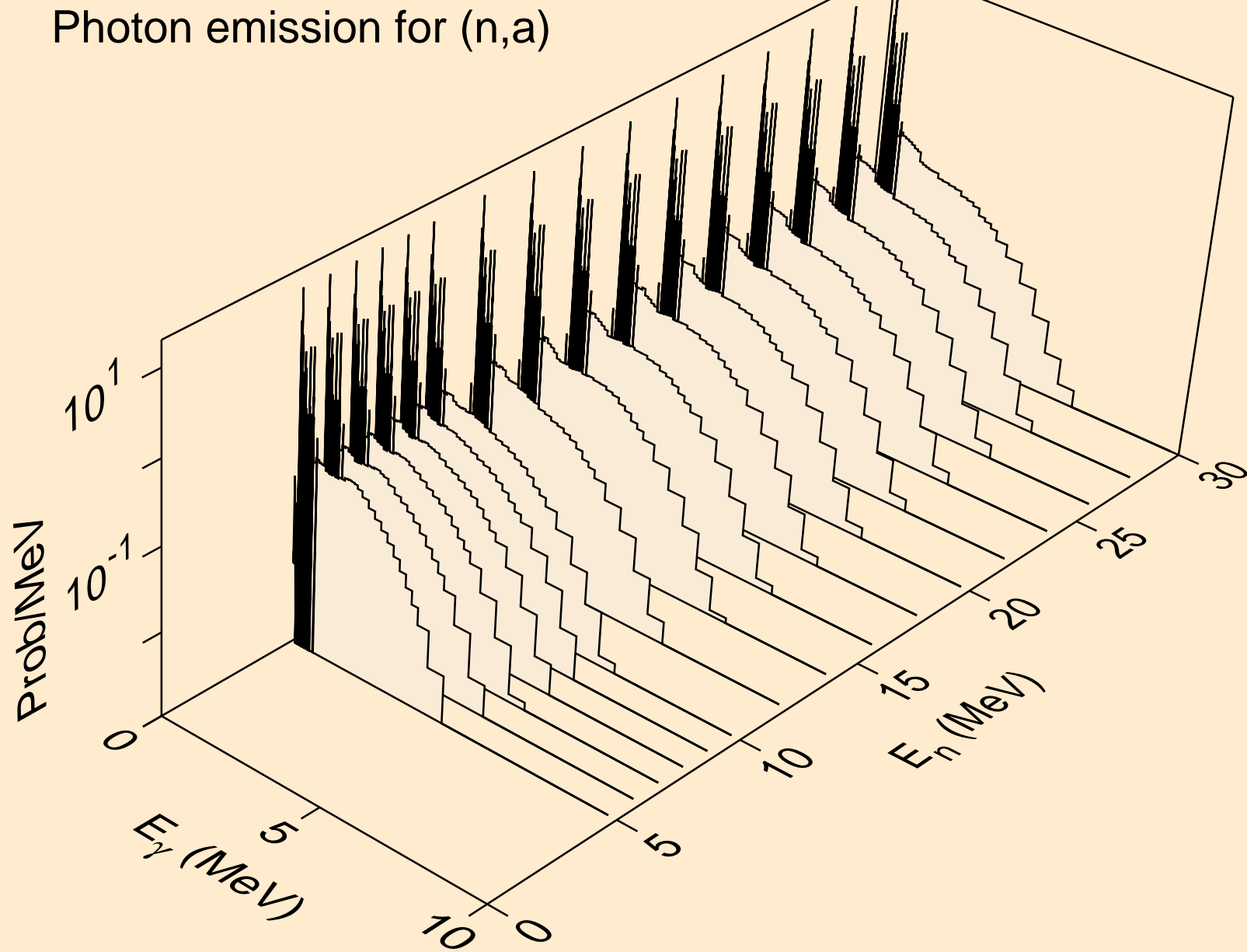
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Photon emission for (n,t)



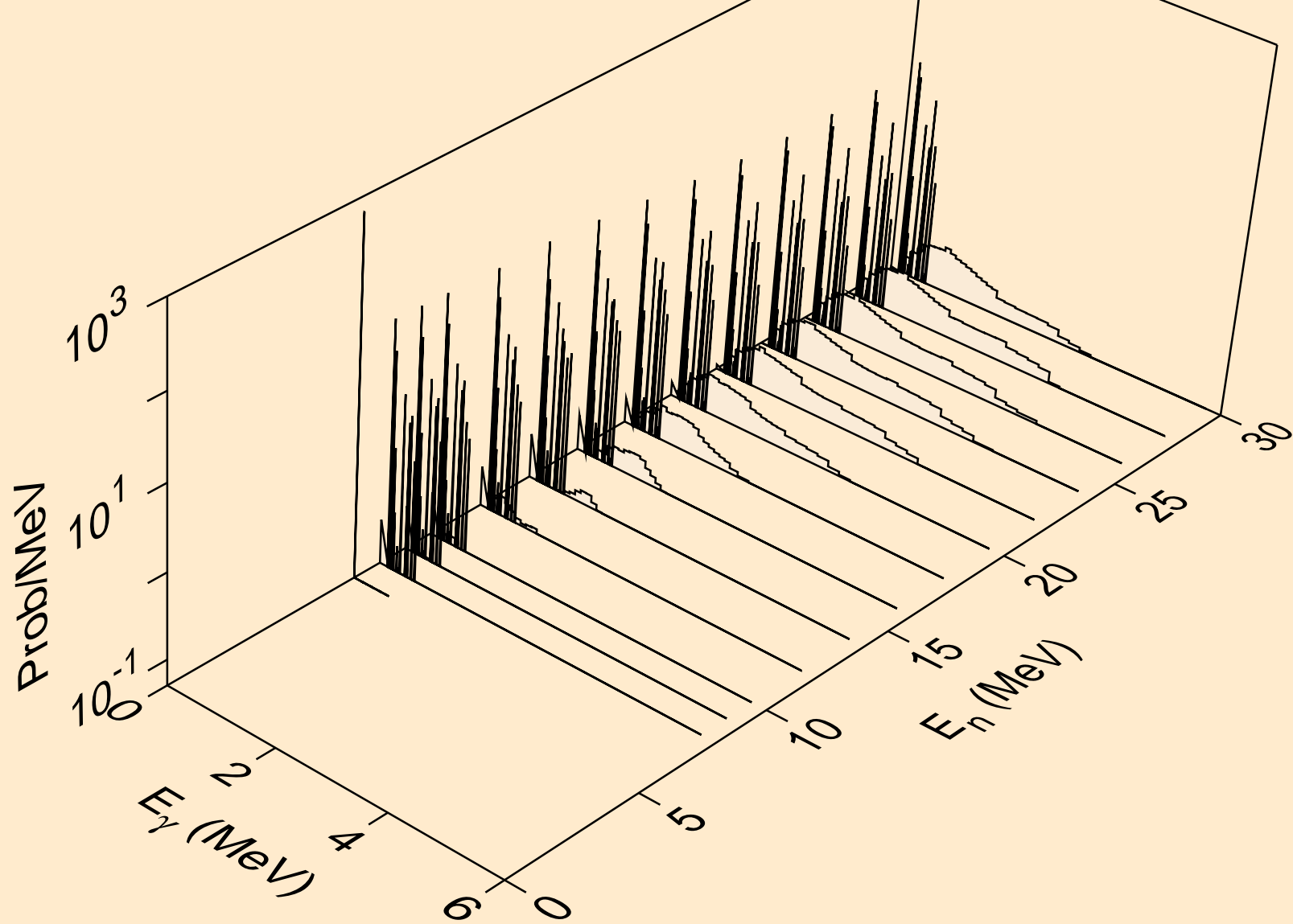
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Photon emission for inelastic



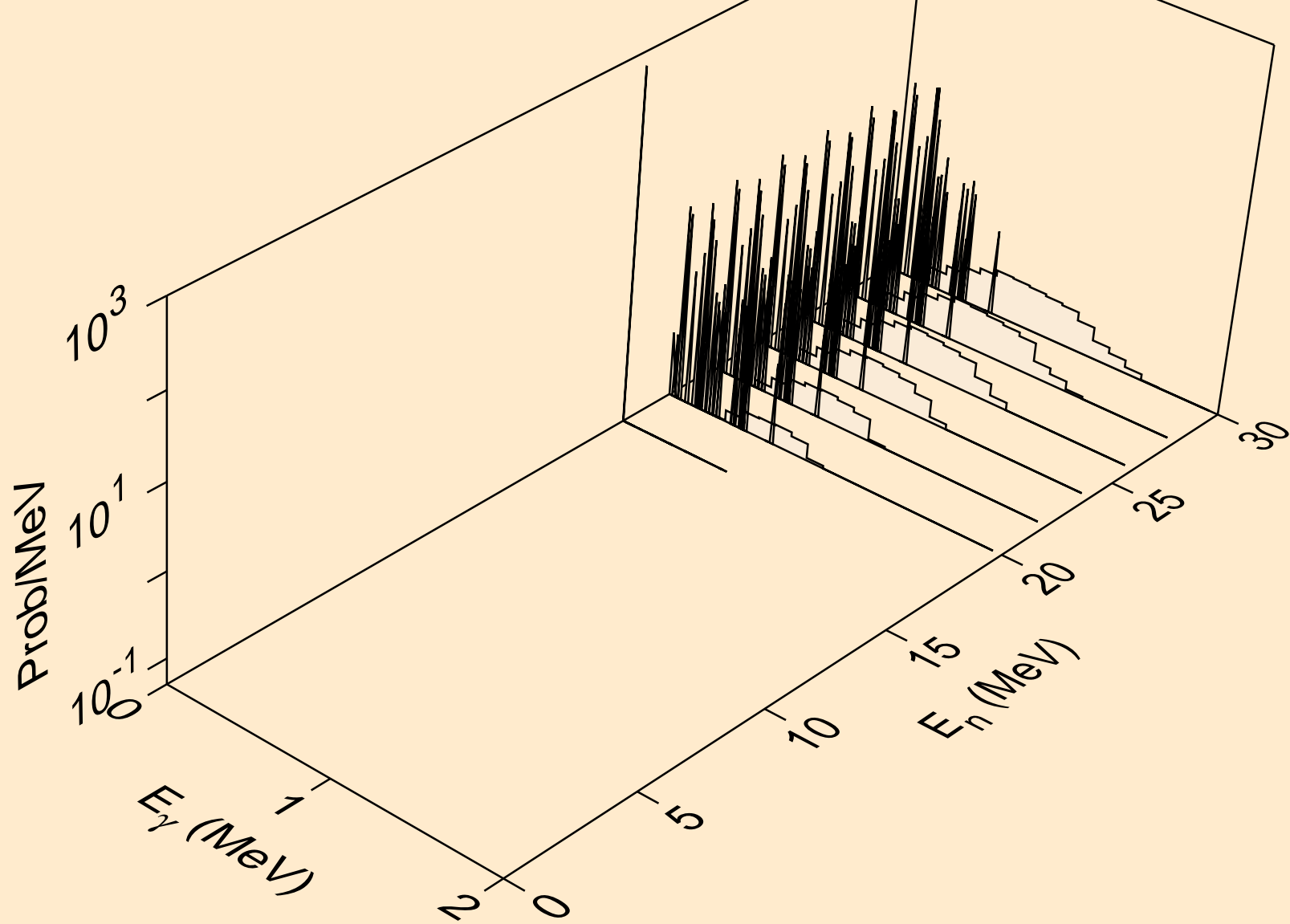
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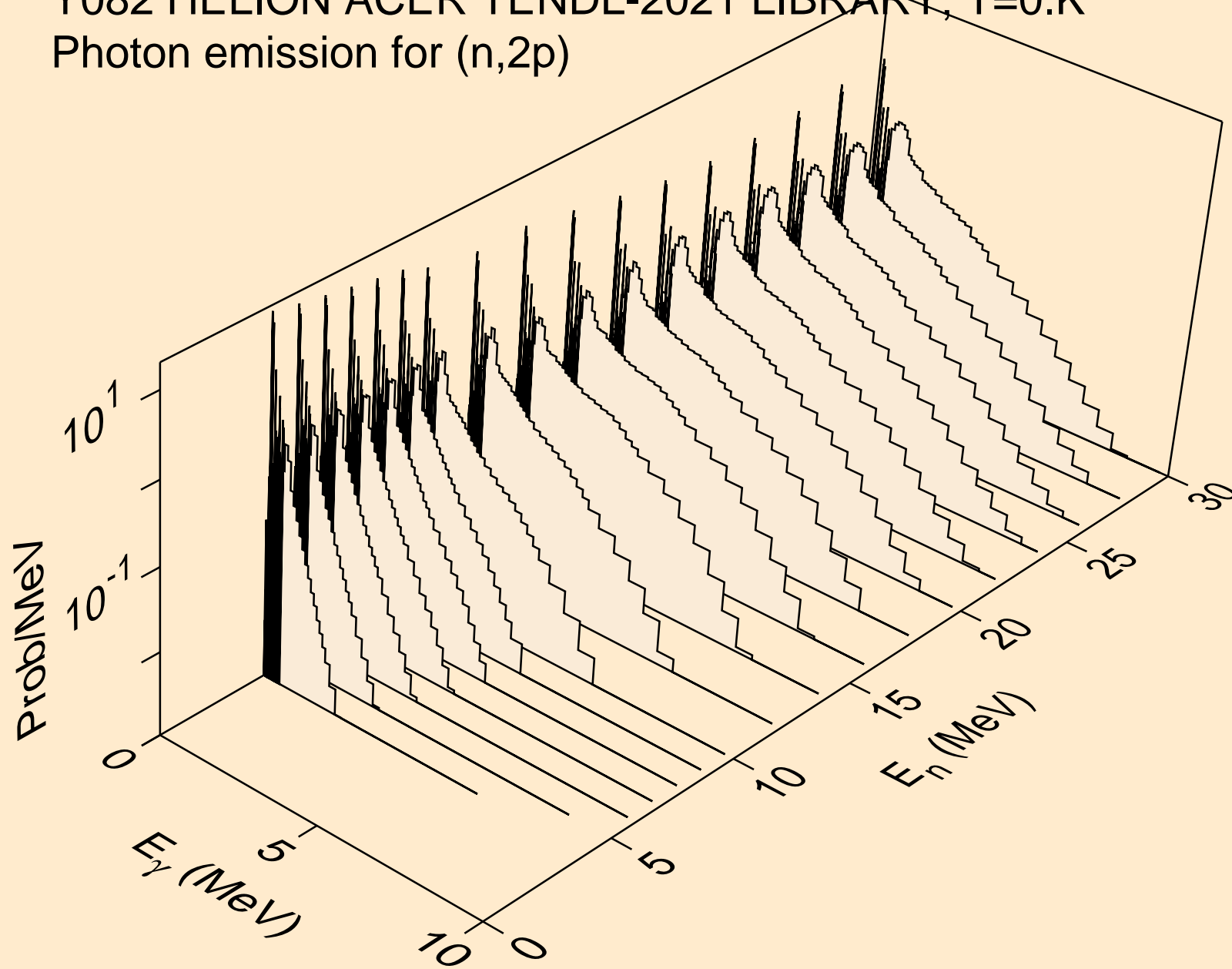
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Photon emission for (n,2a)



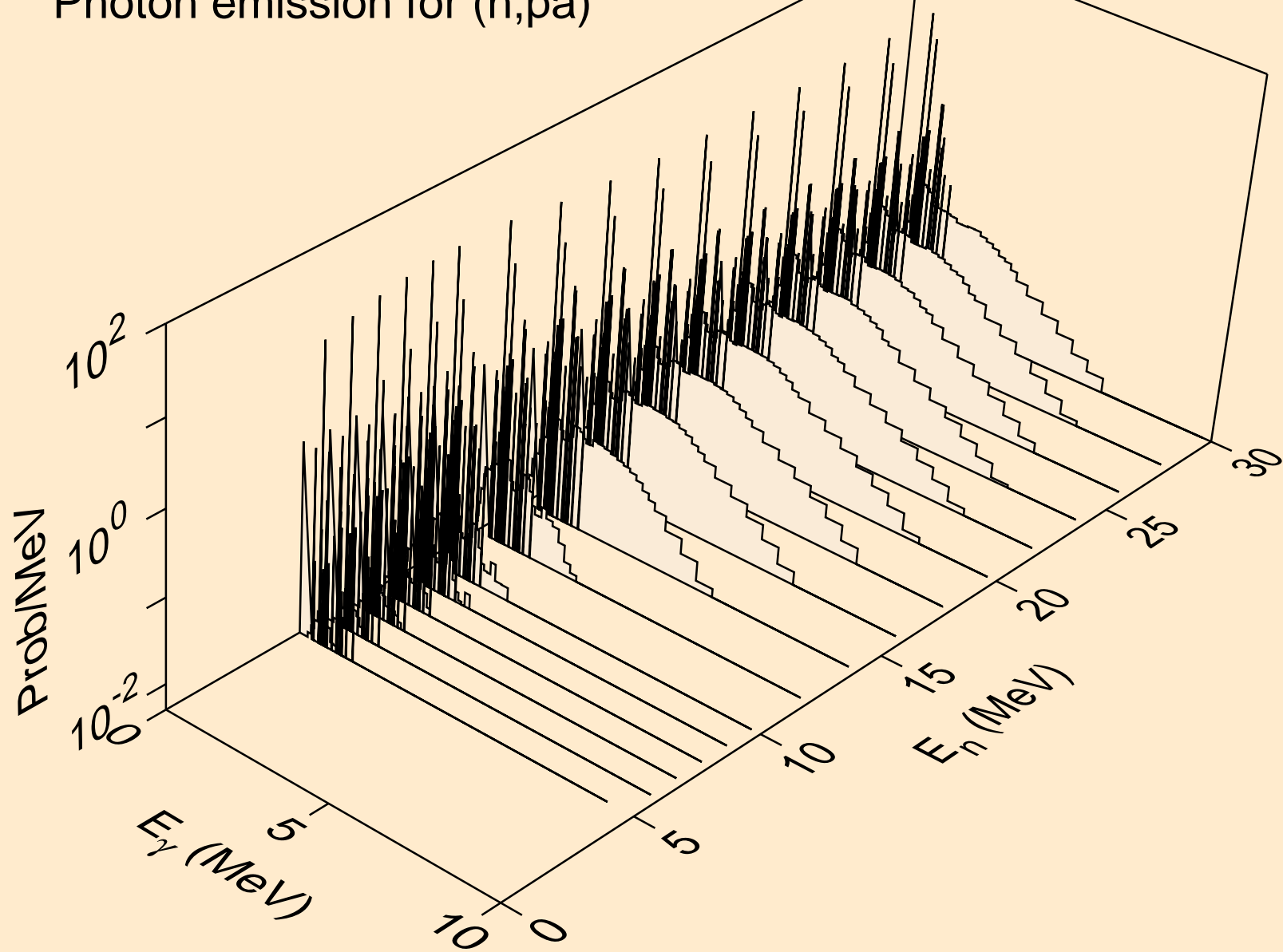
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

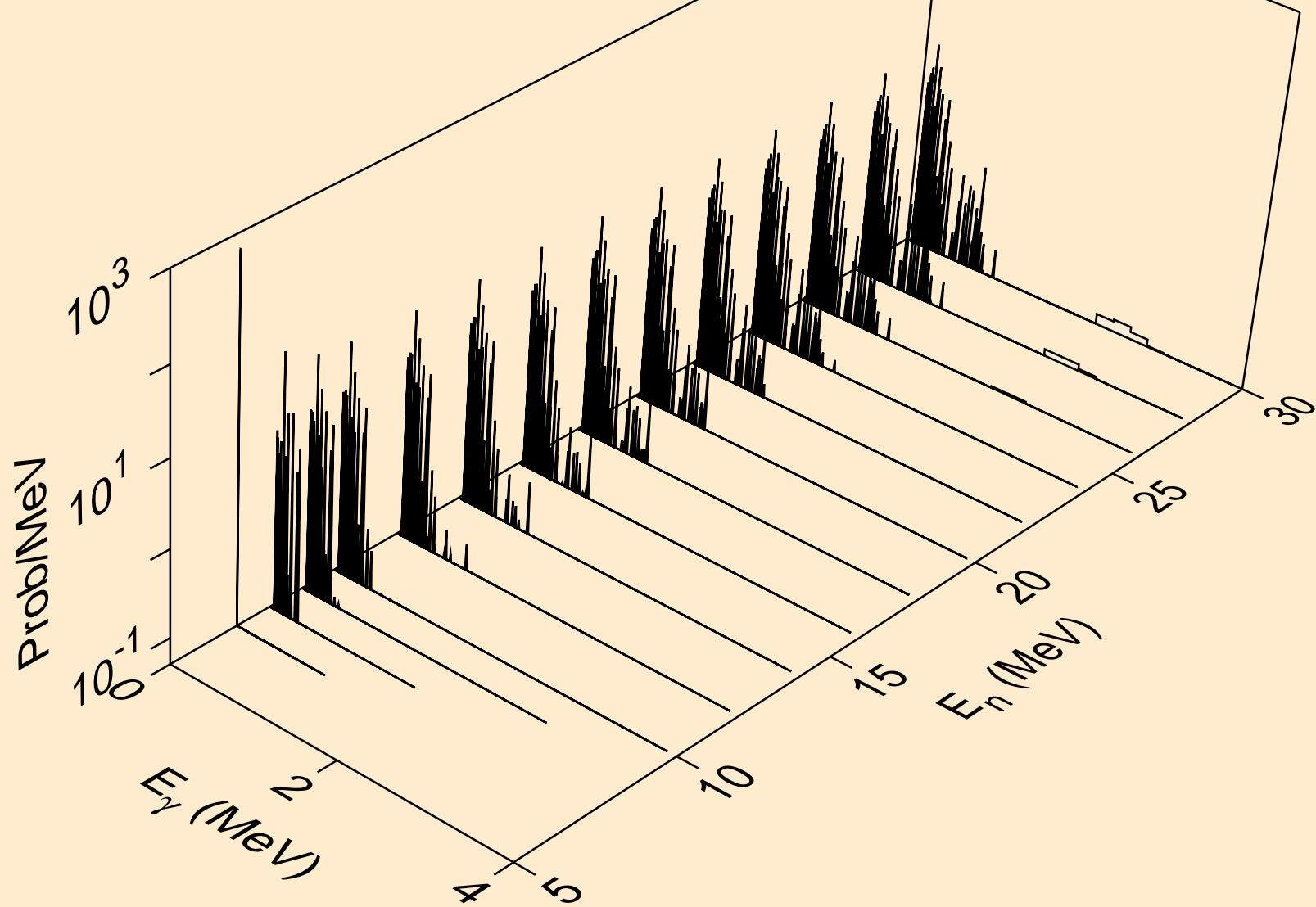


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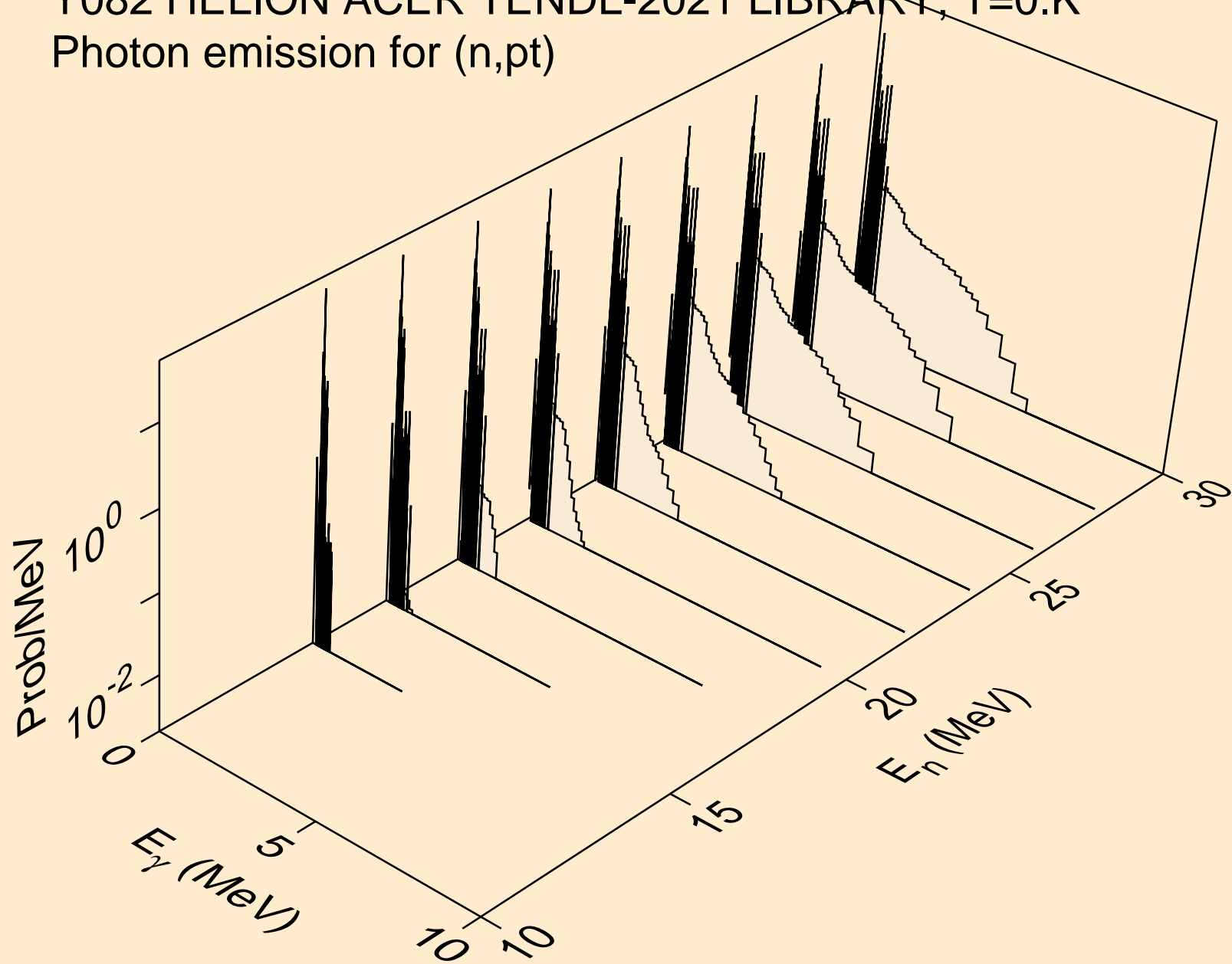




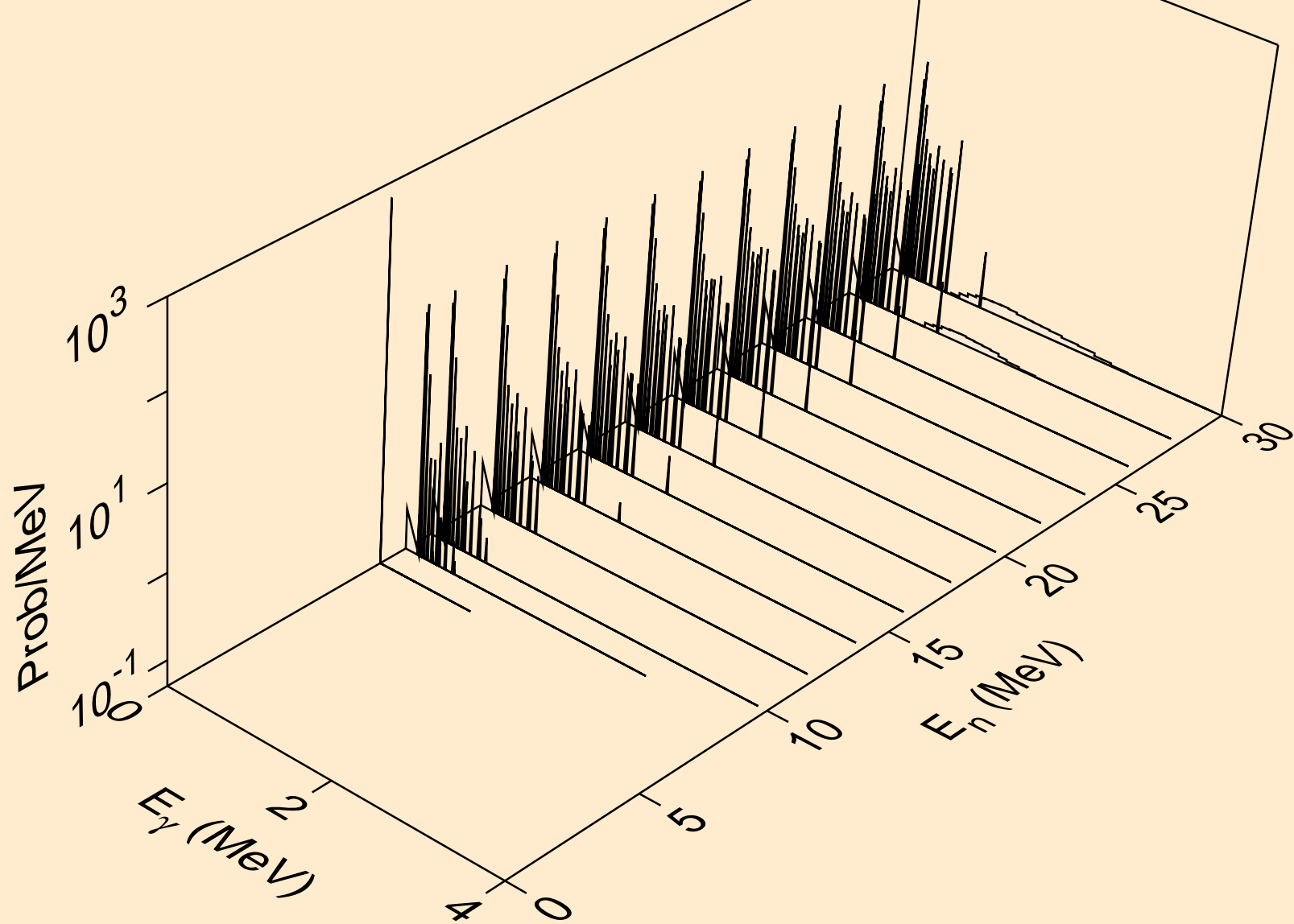
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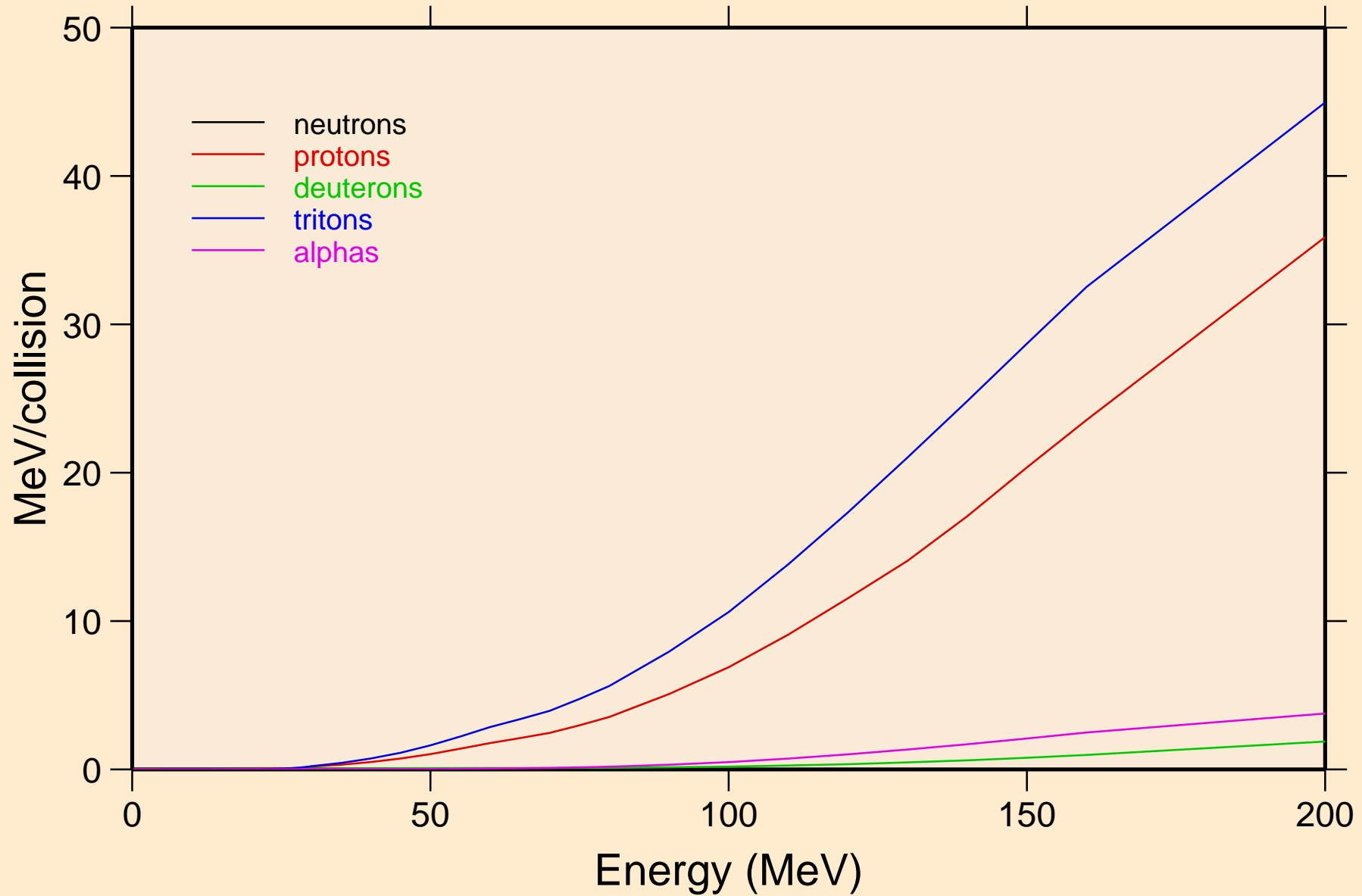
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

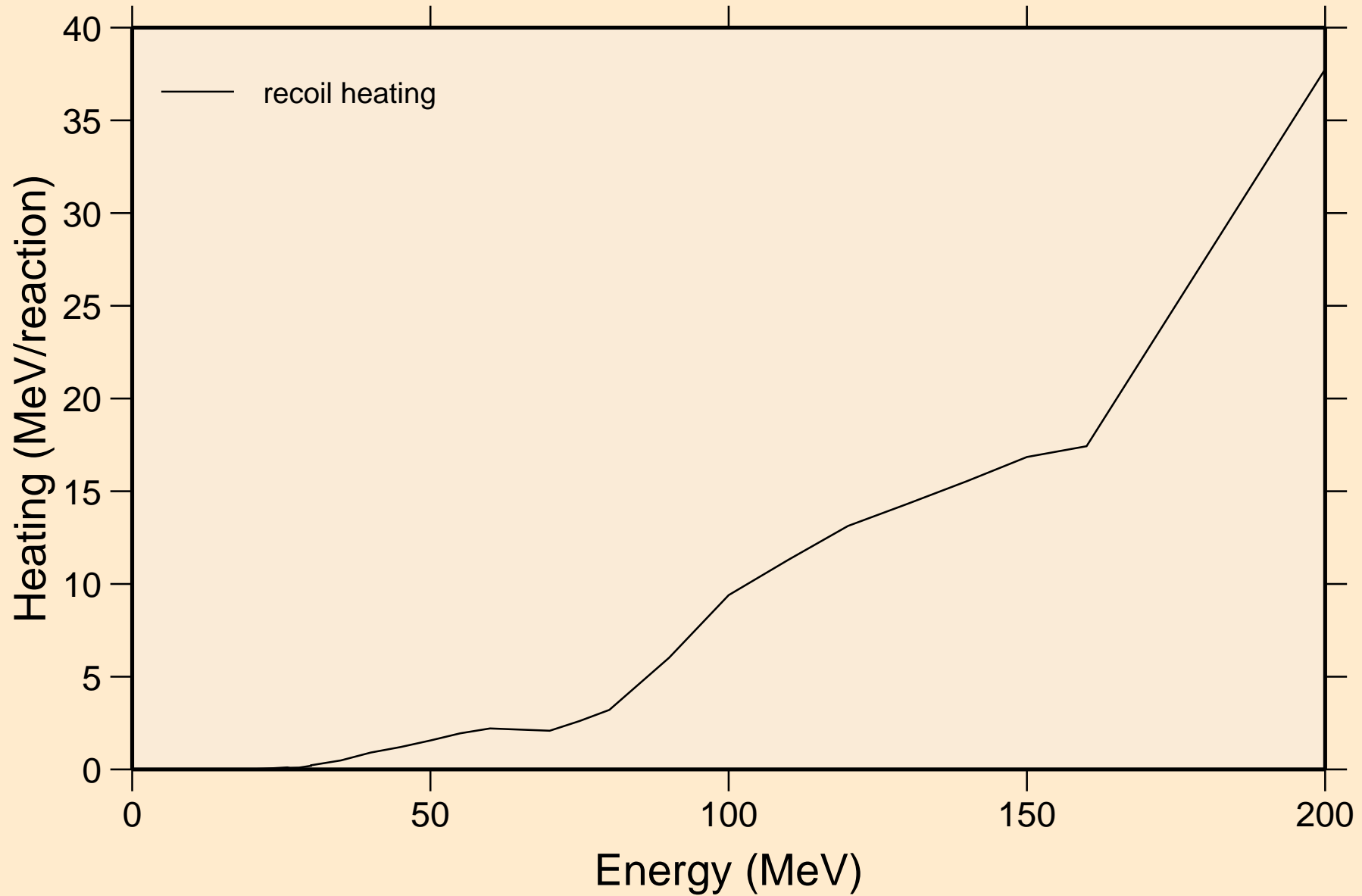


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



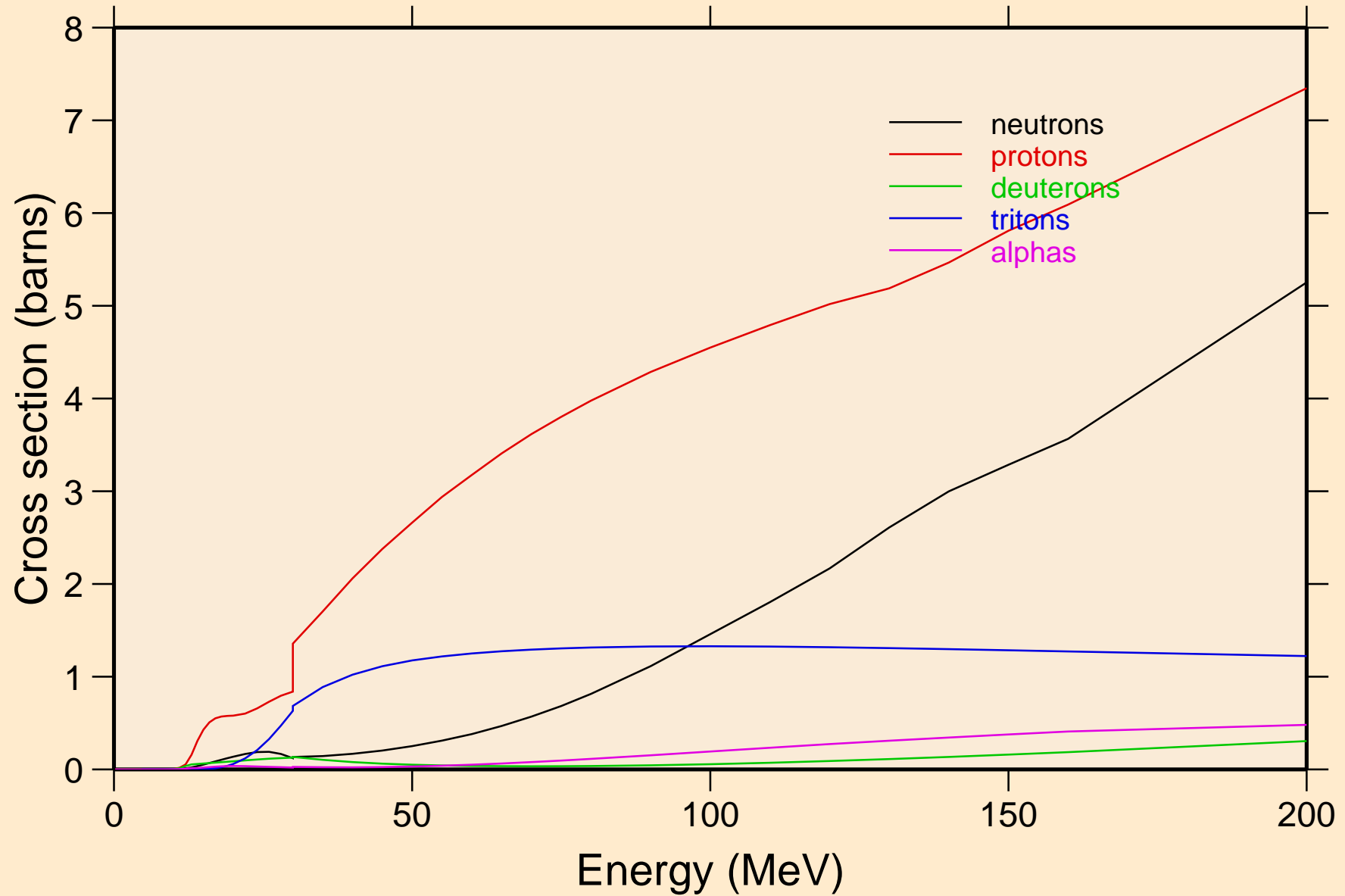
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Recoil Heating

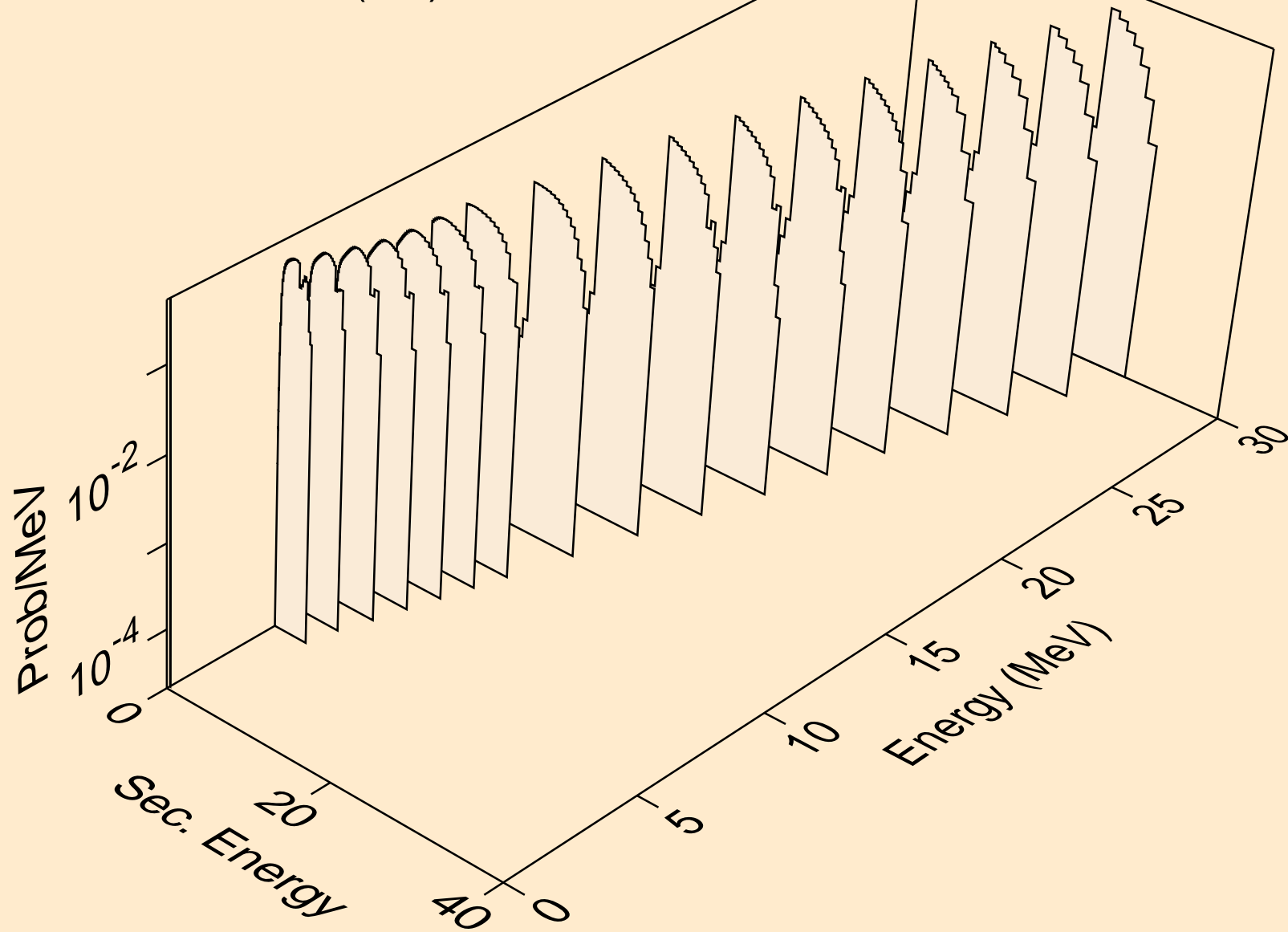


# Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K

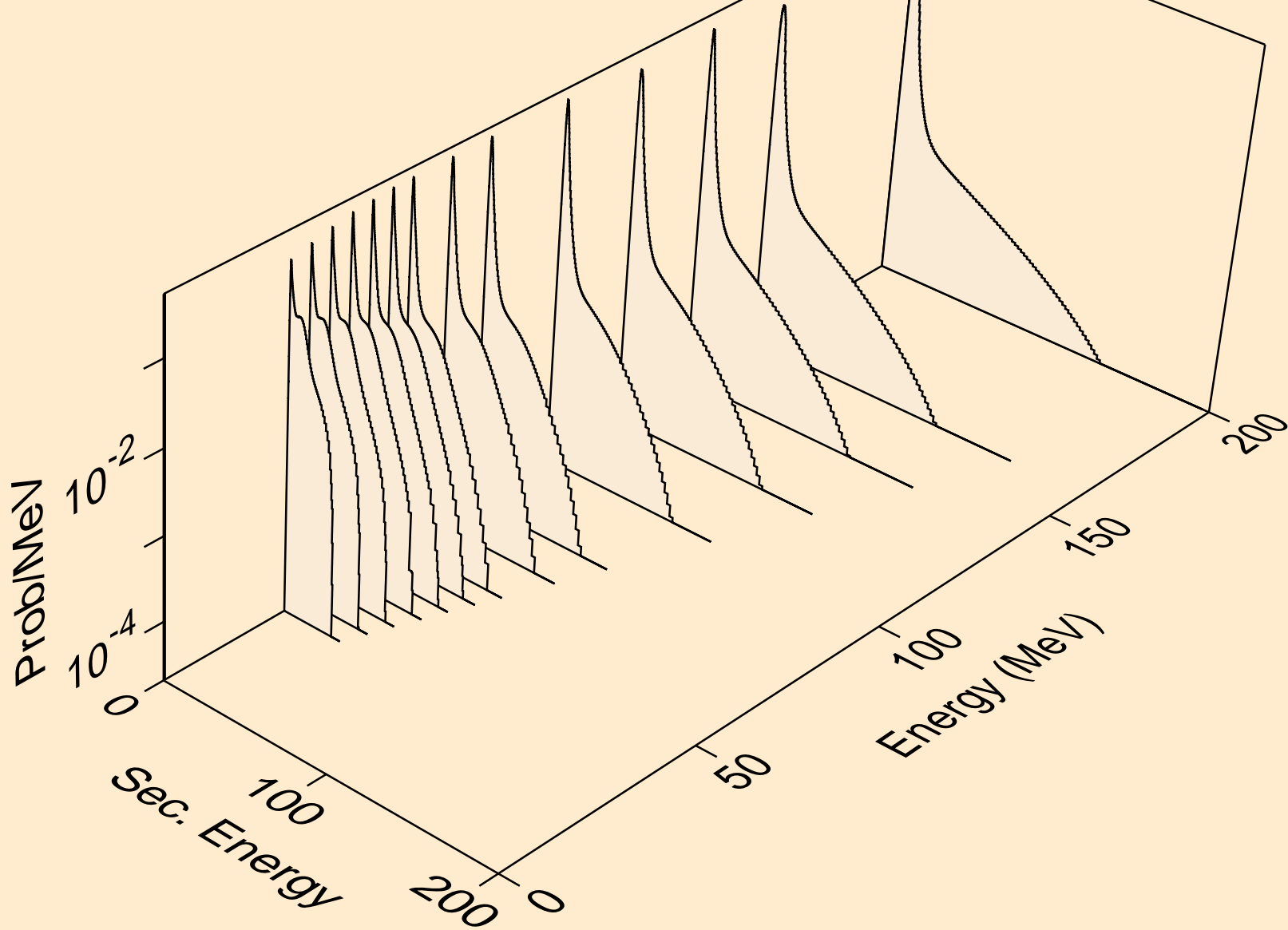
## Particle production cross sections



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

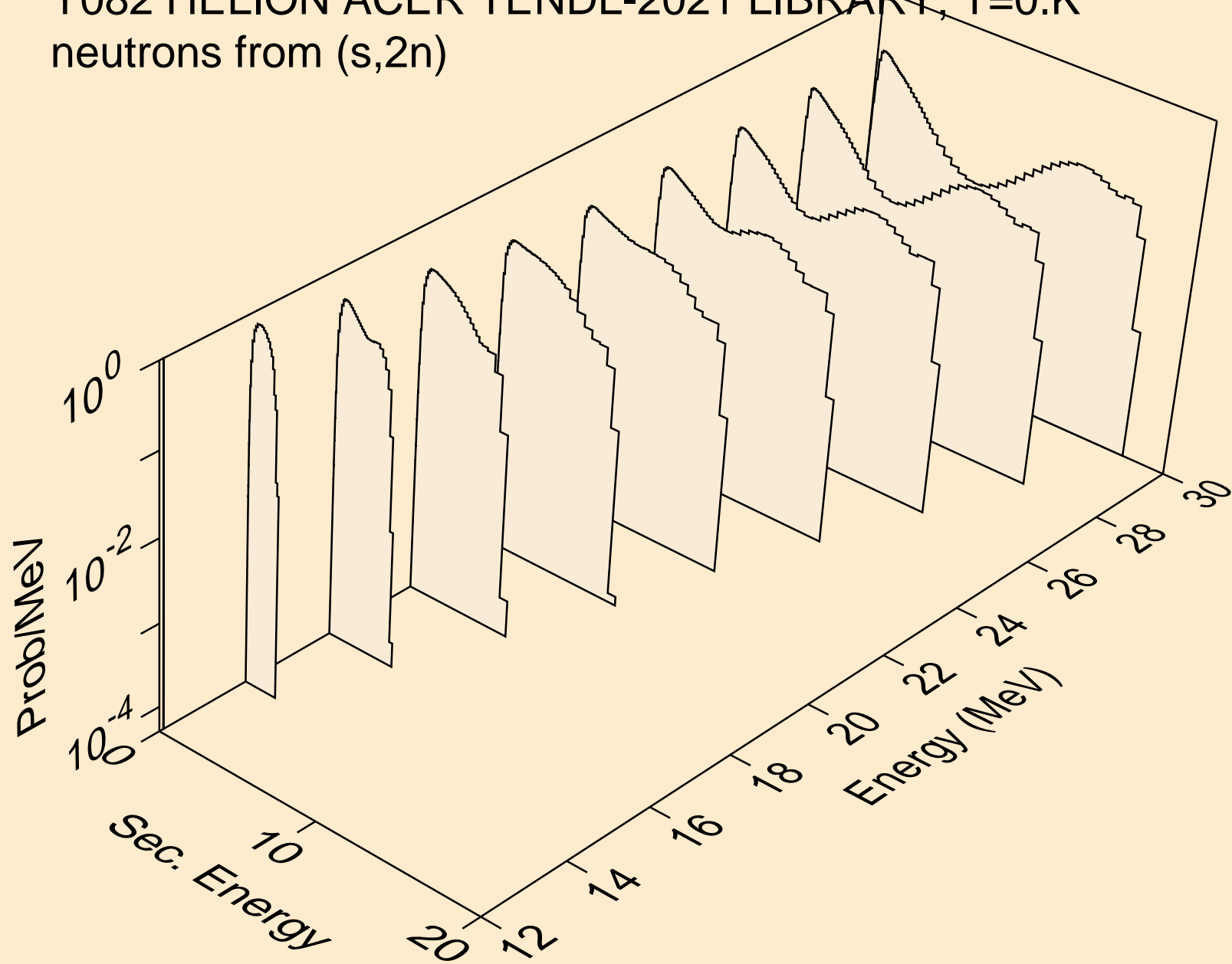


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

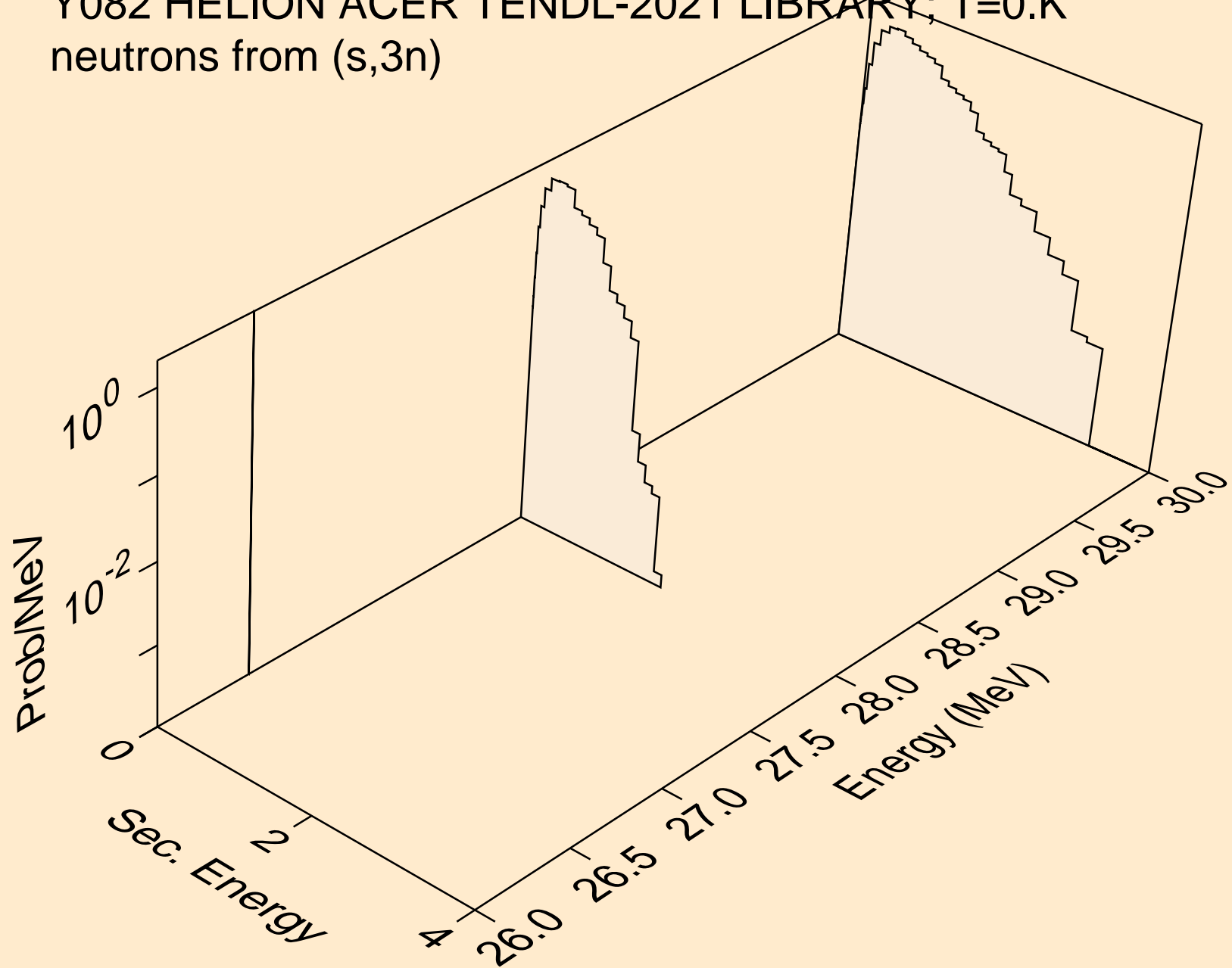




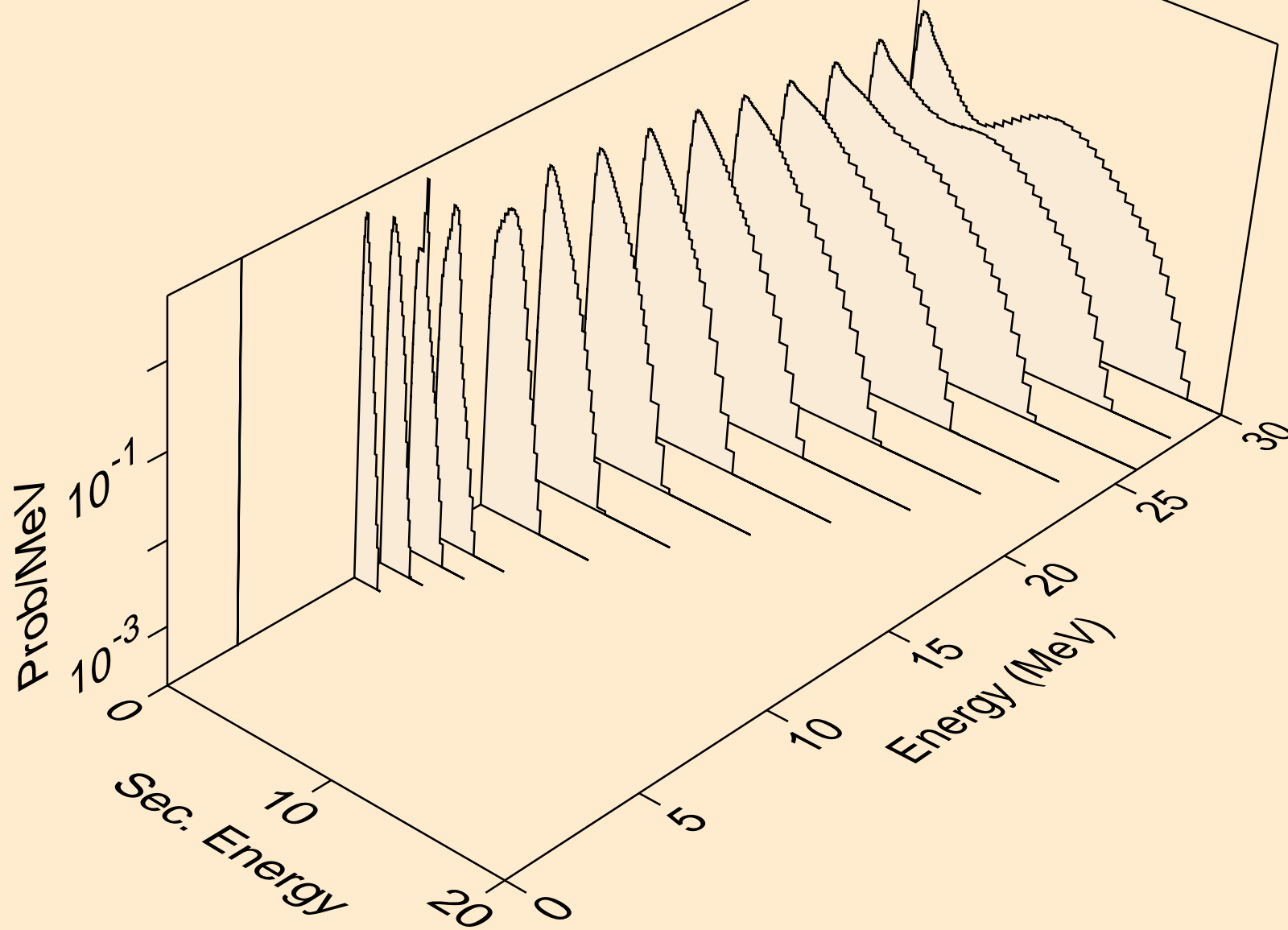
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neutrons from (s,2n)



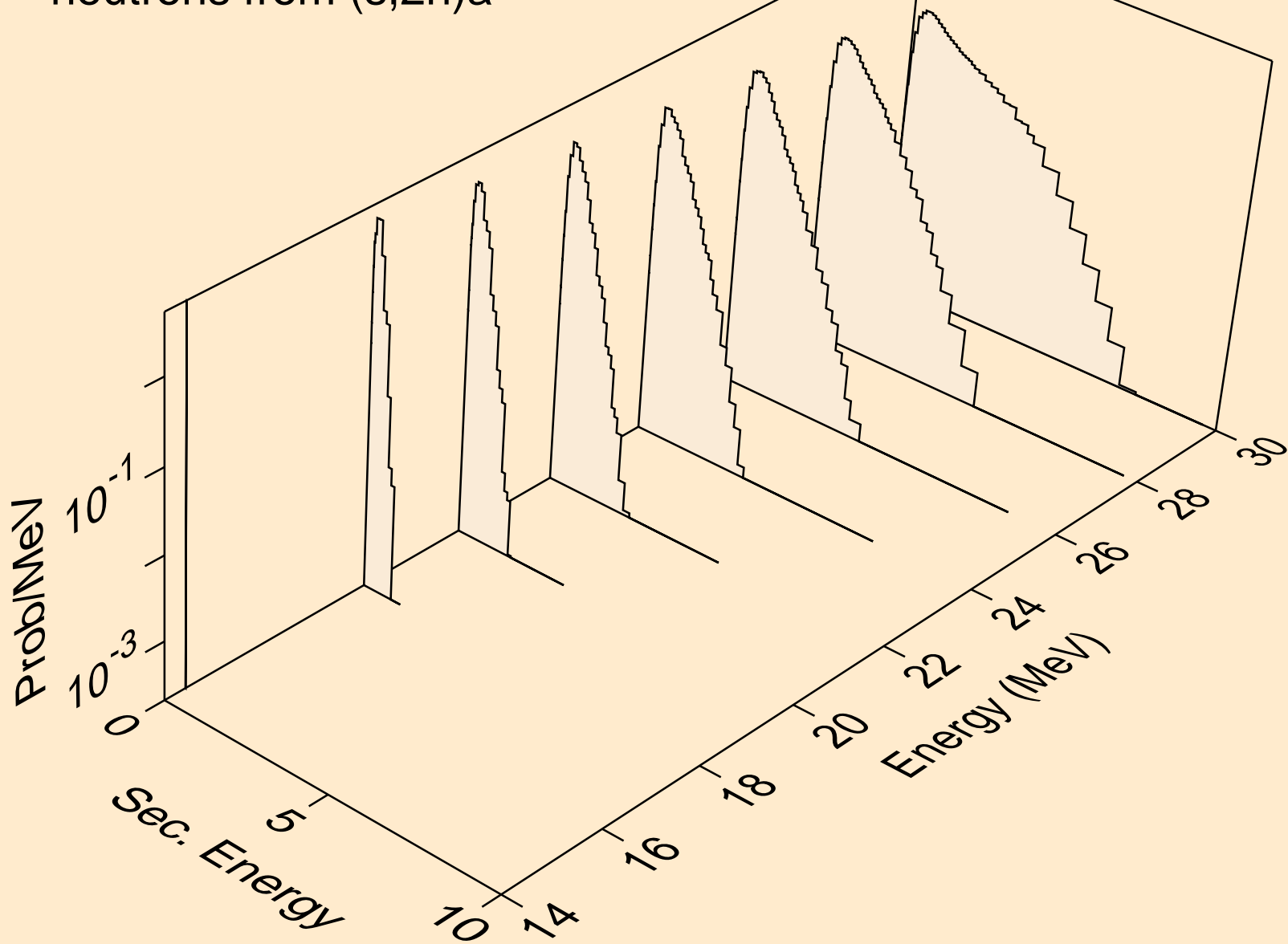
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neutrons from (s,3n)



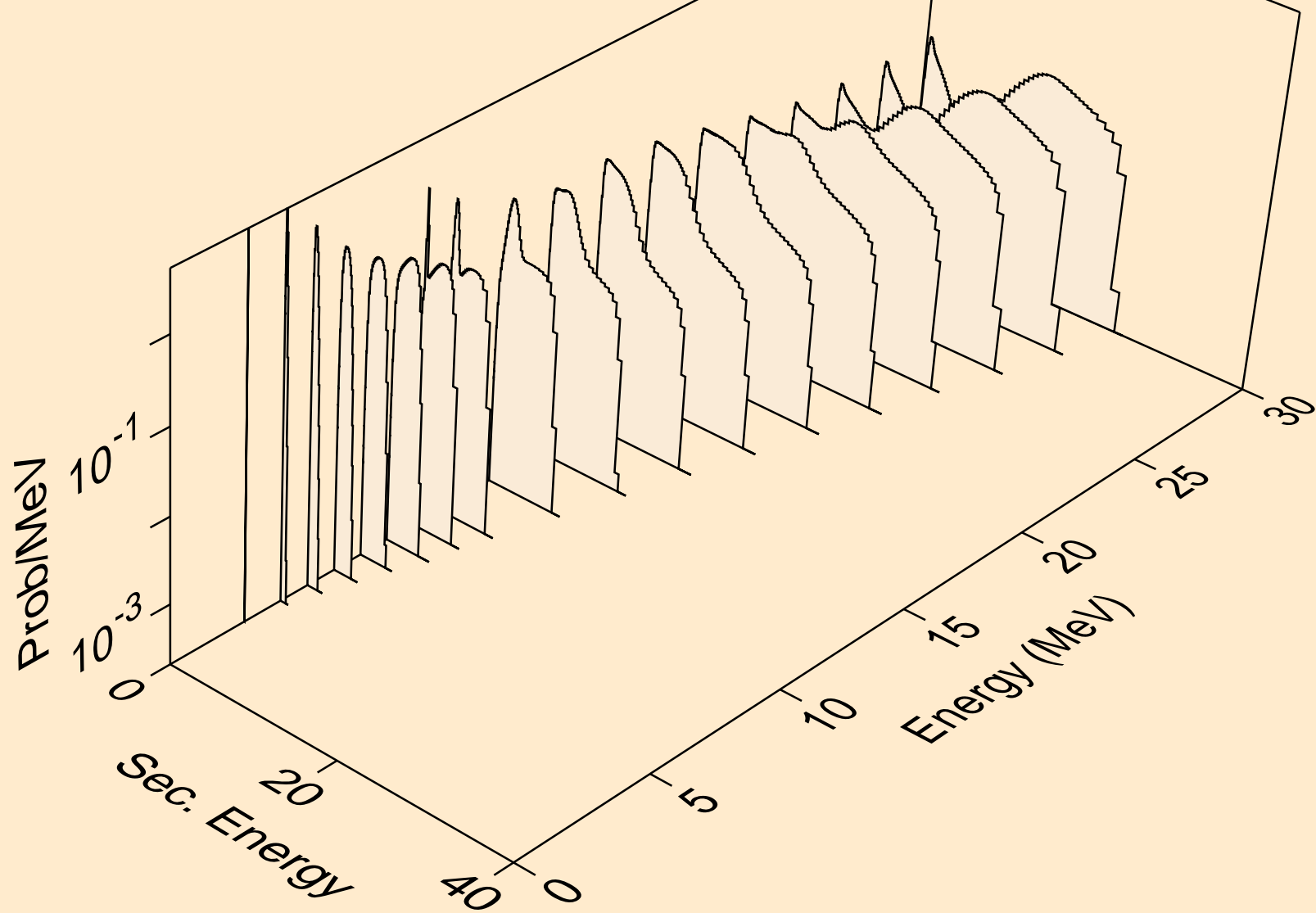
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



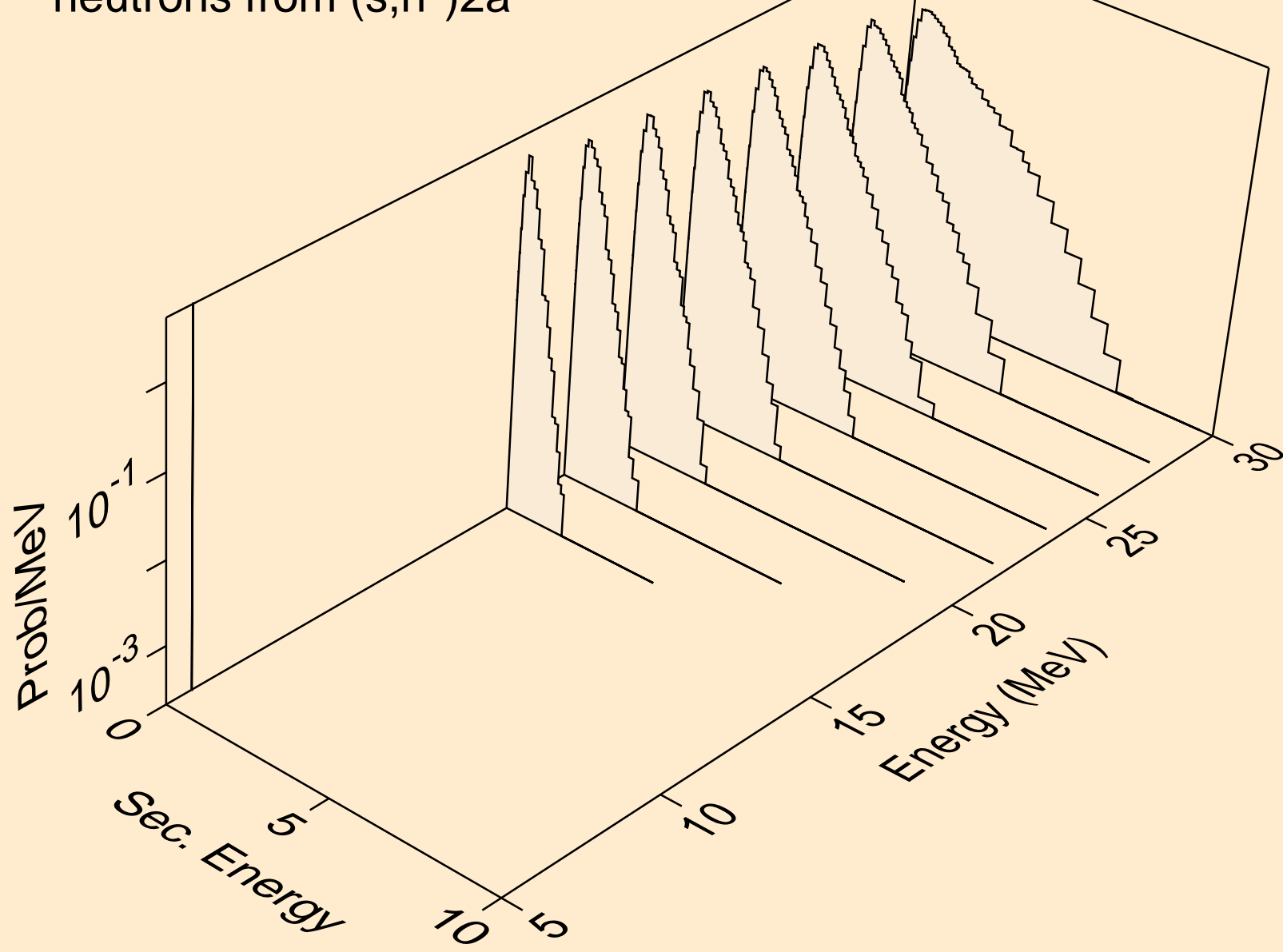
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neutrons from (s,2n)a



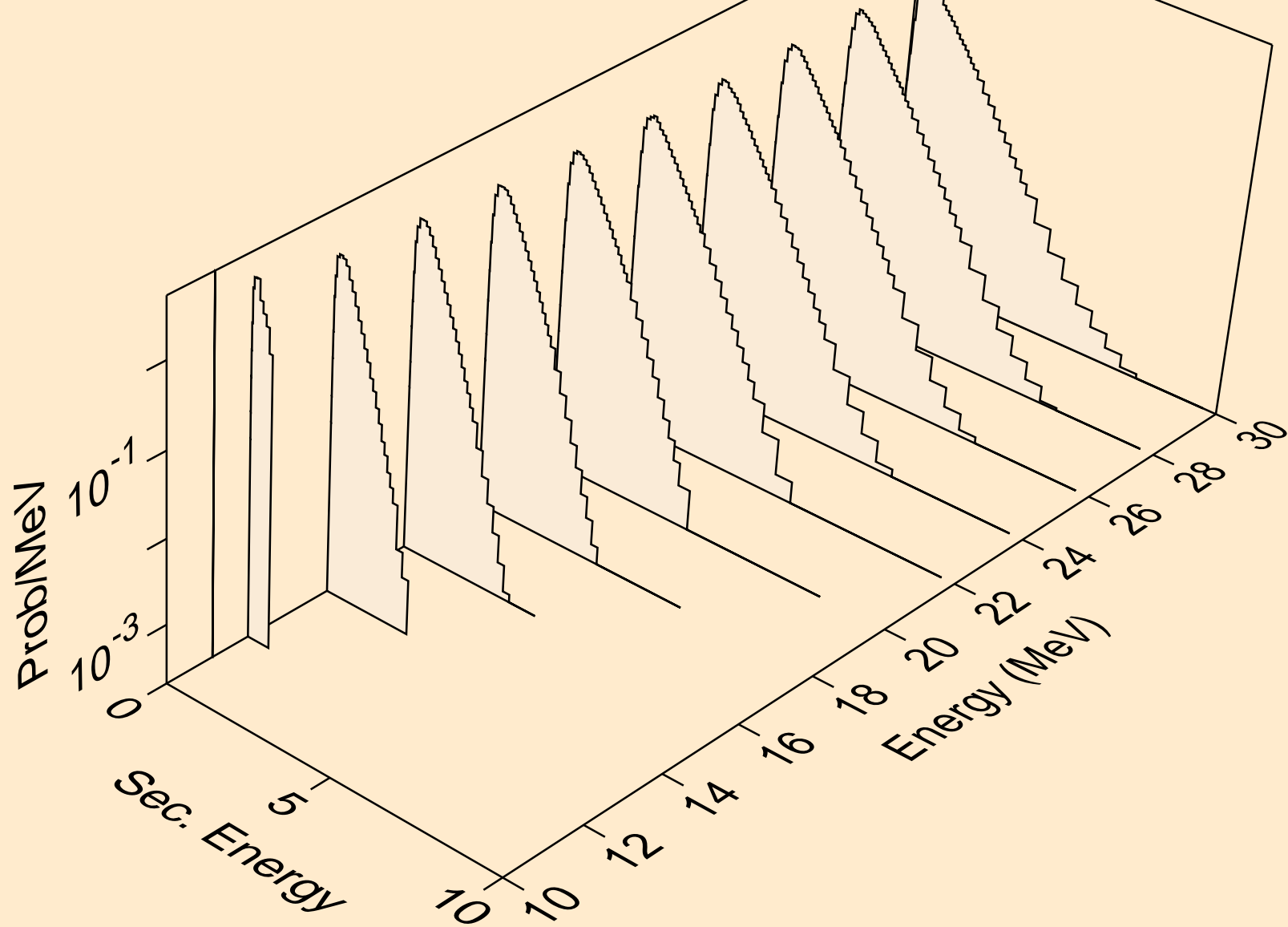
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



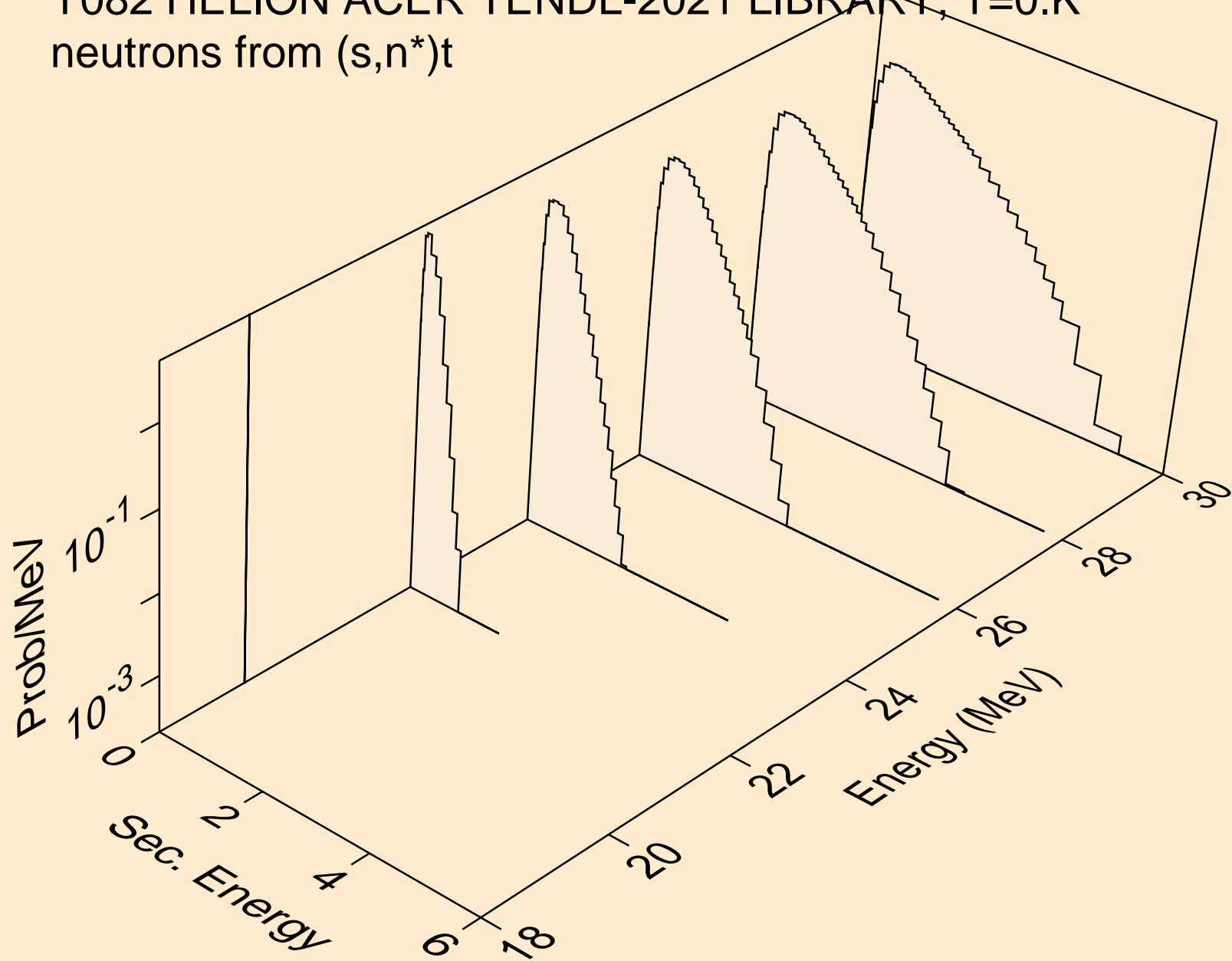
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

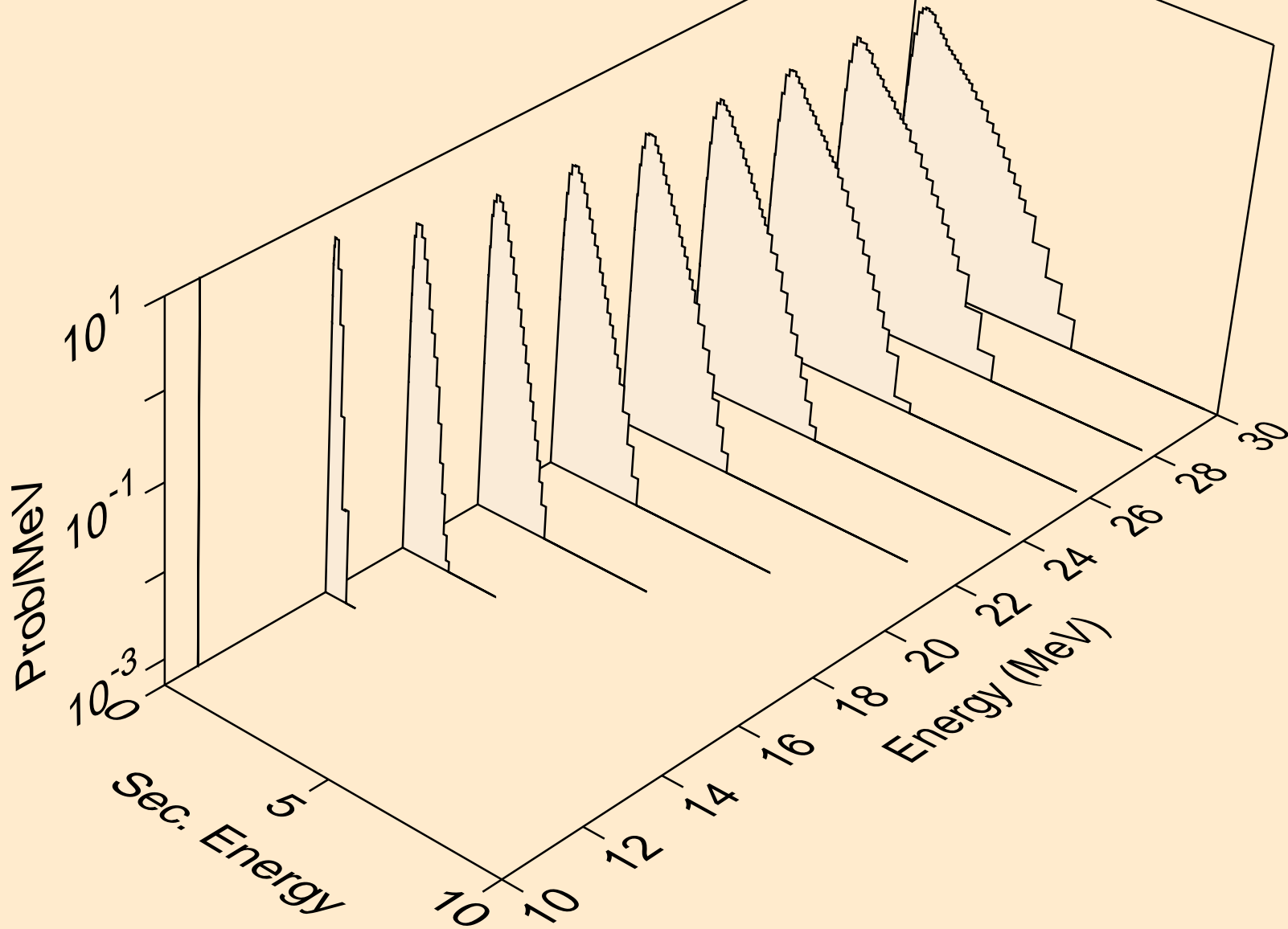


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

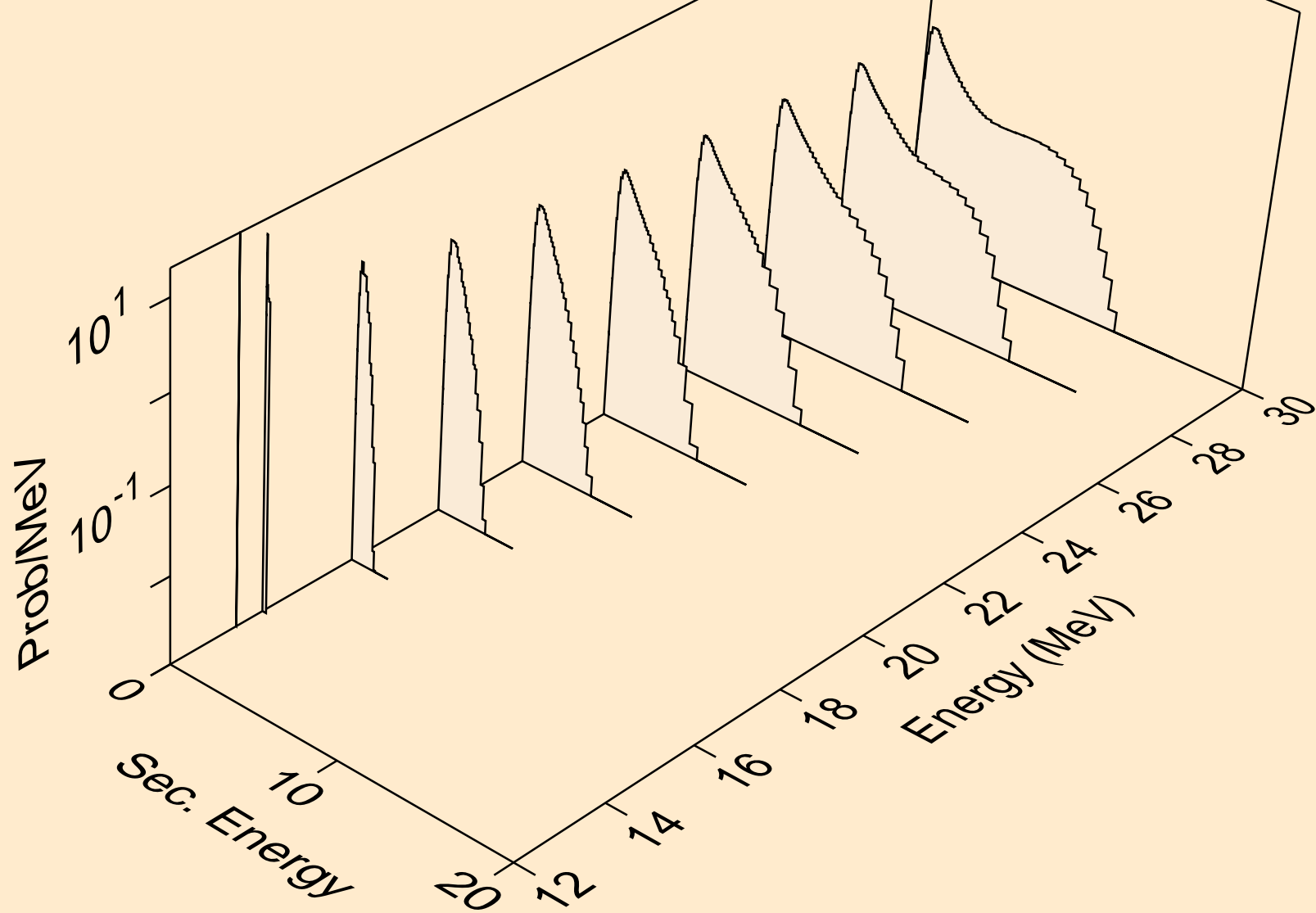




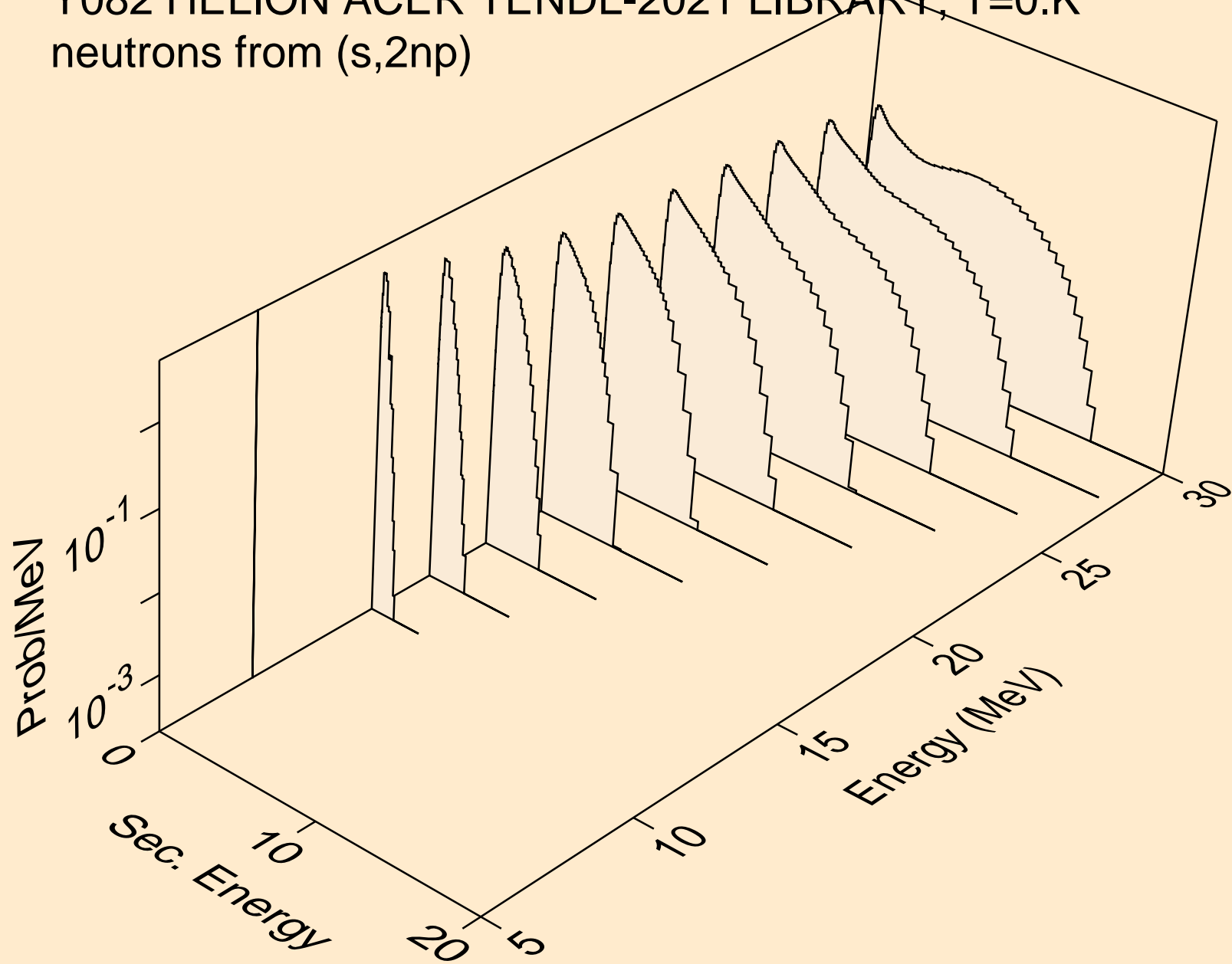
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



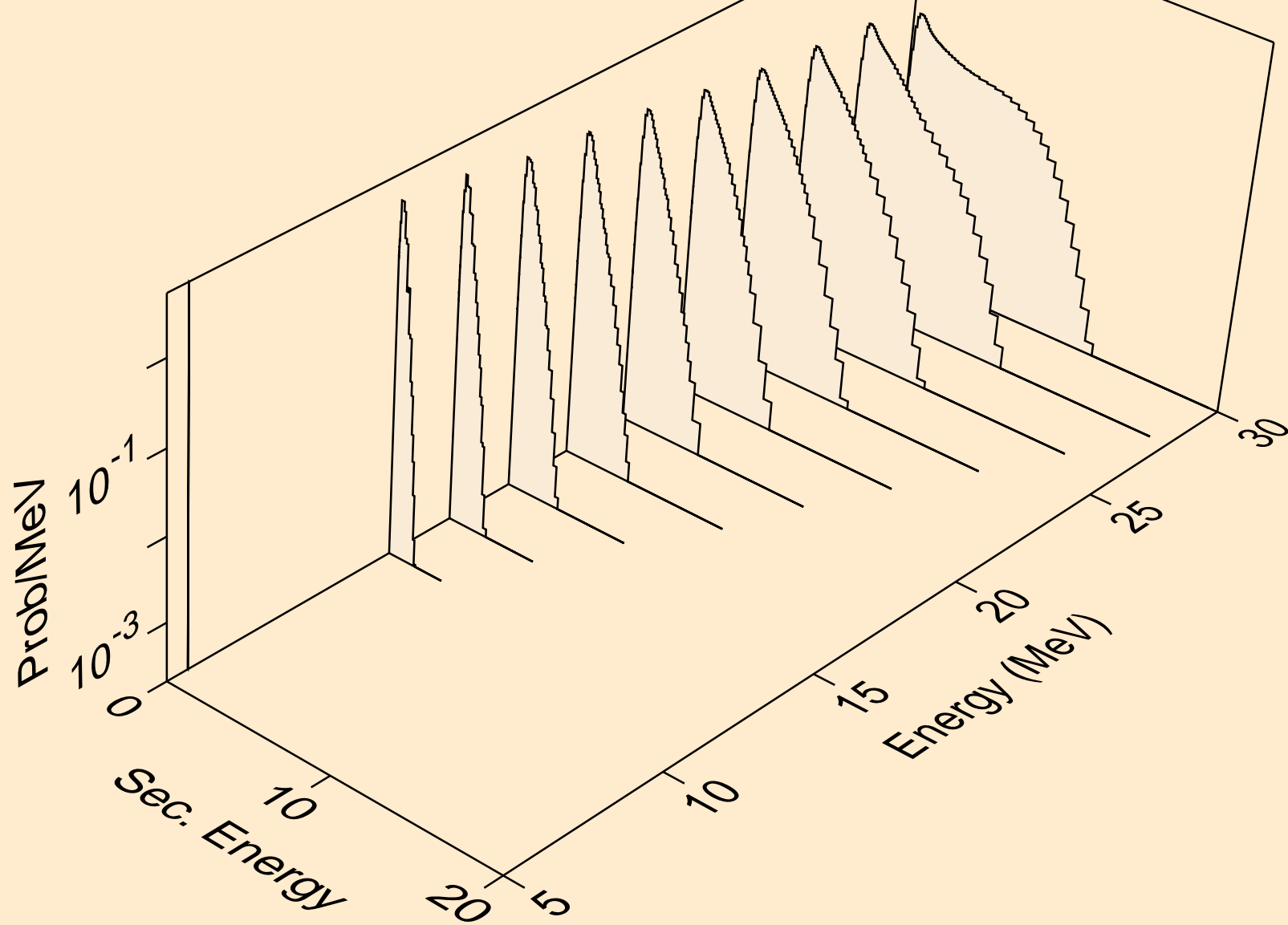
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neutrons from (s,2np)



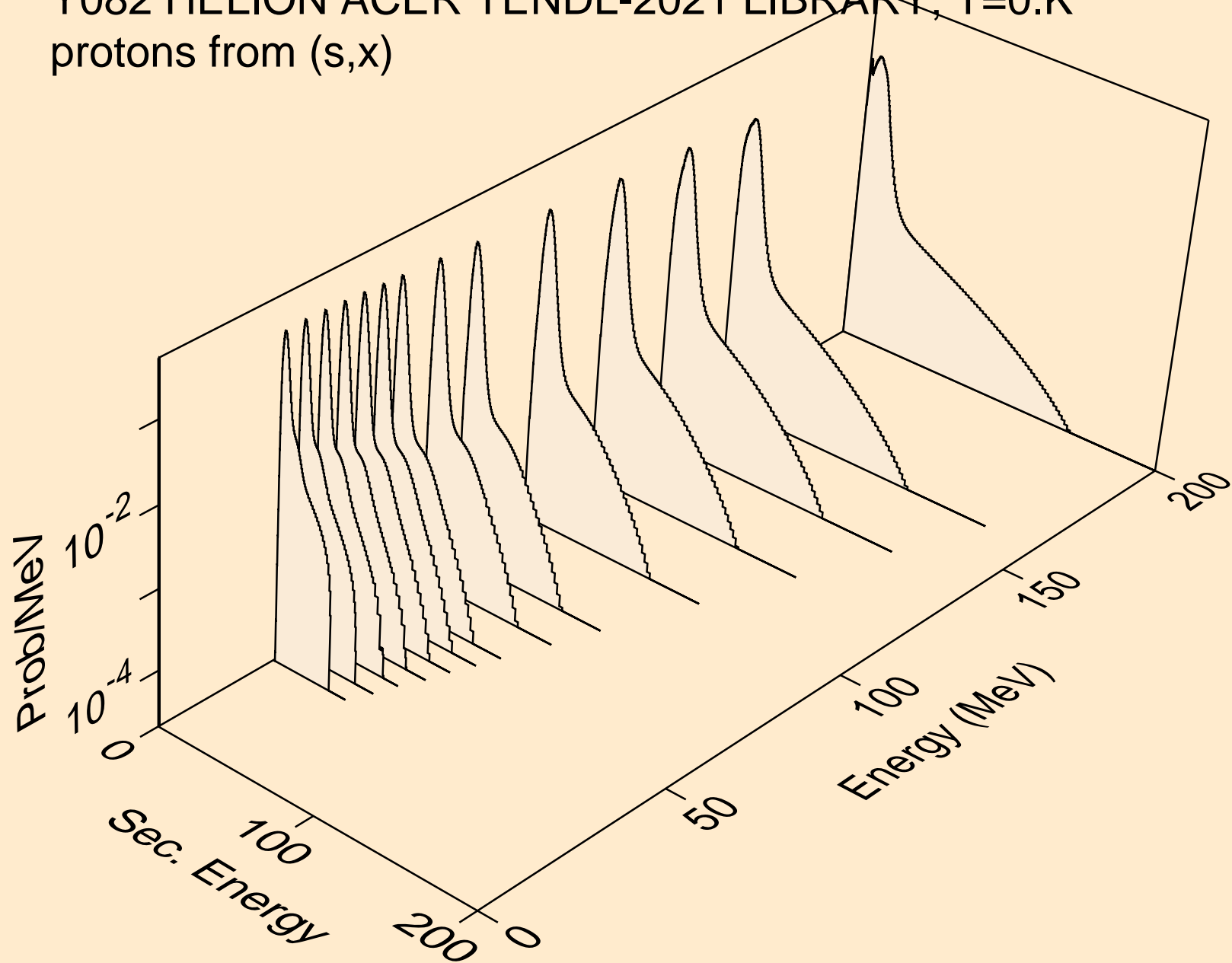
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neutrons from (s,2np)



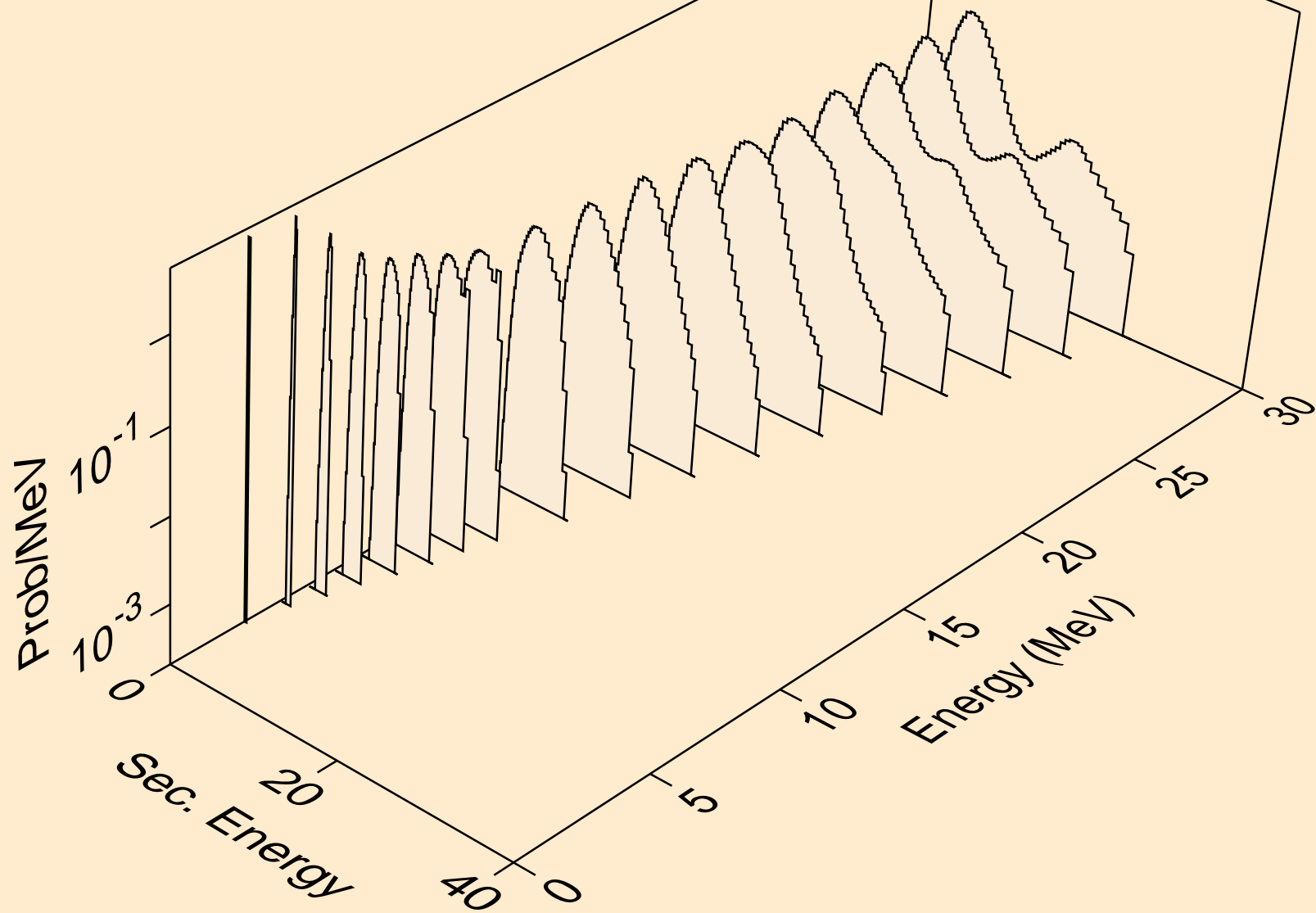
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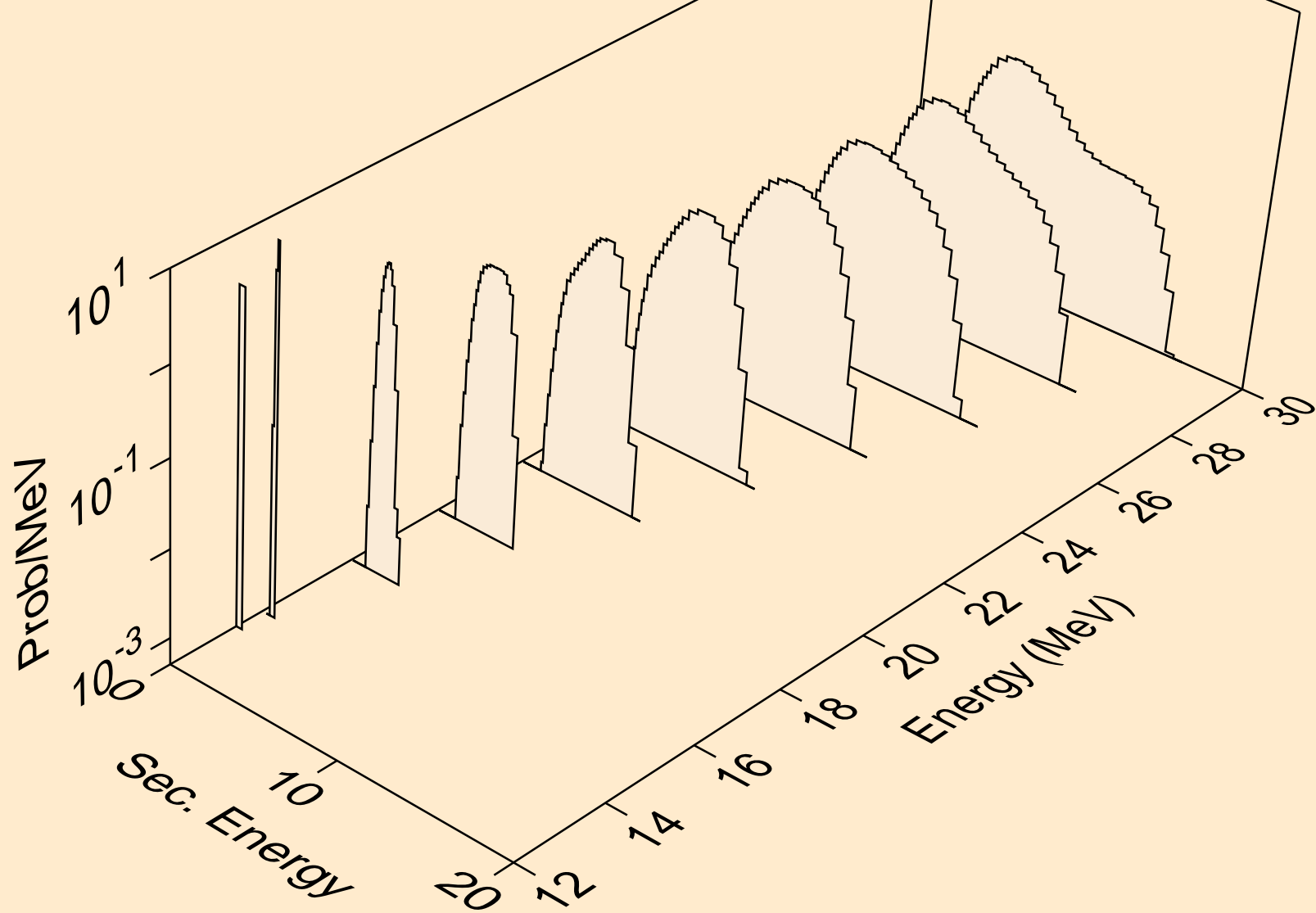
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protons from (s,x)



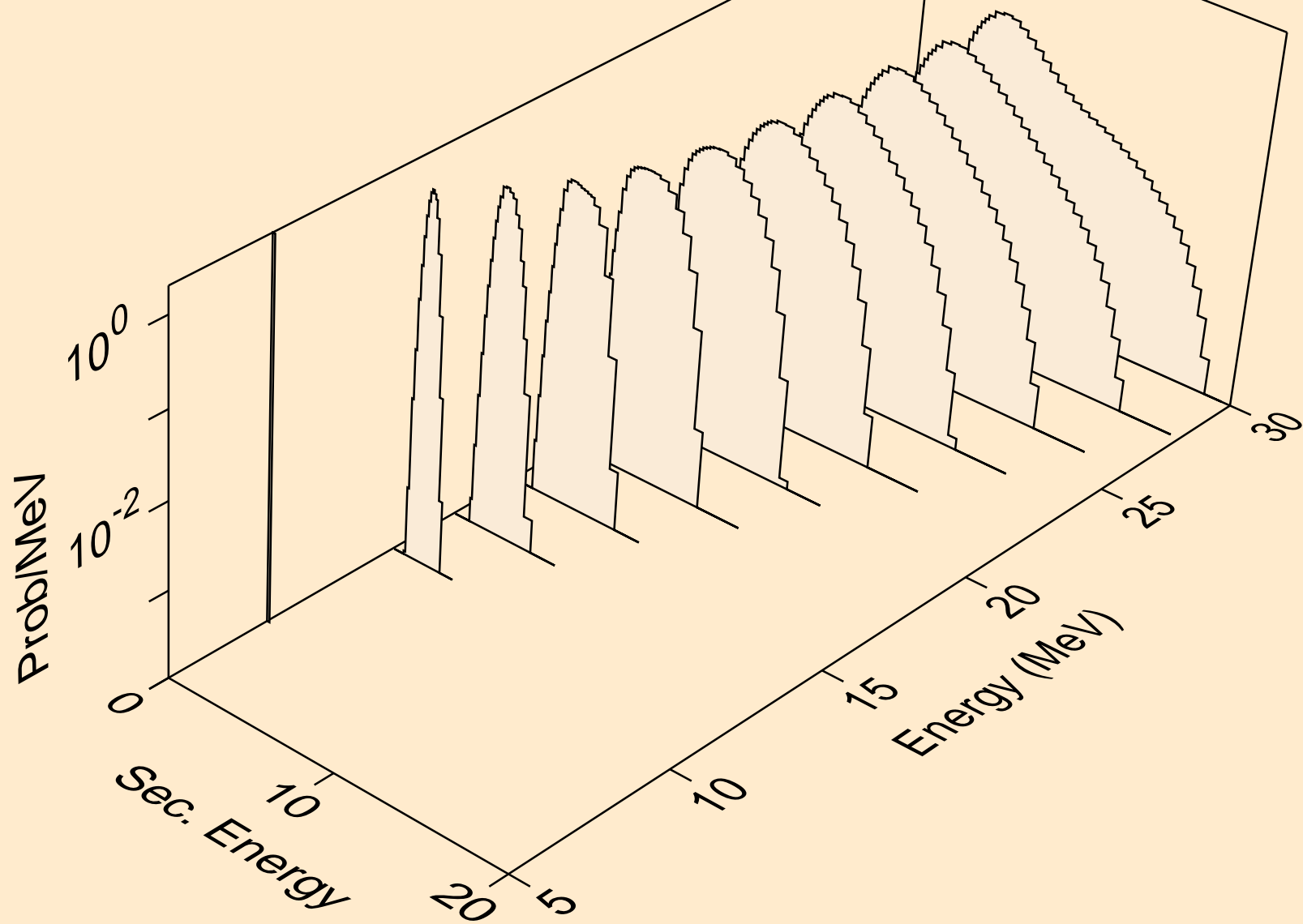
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

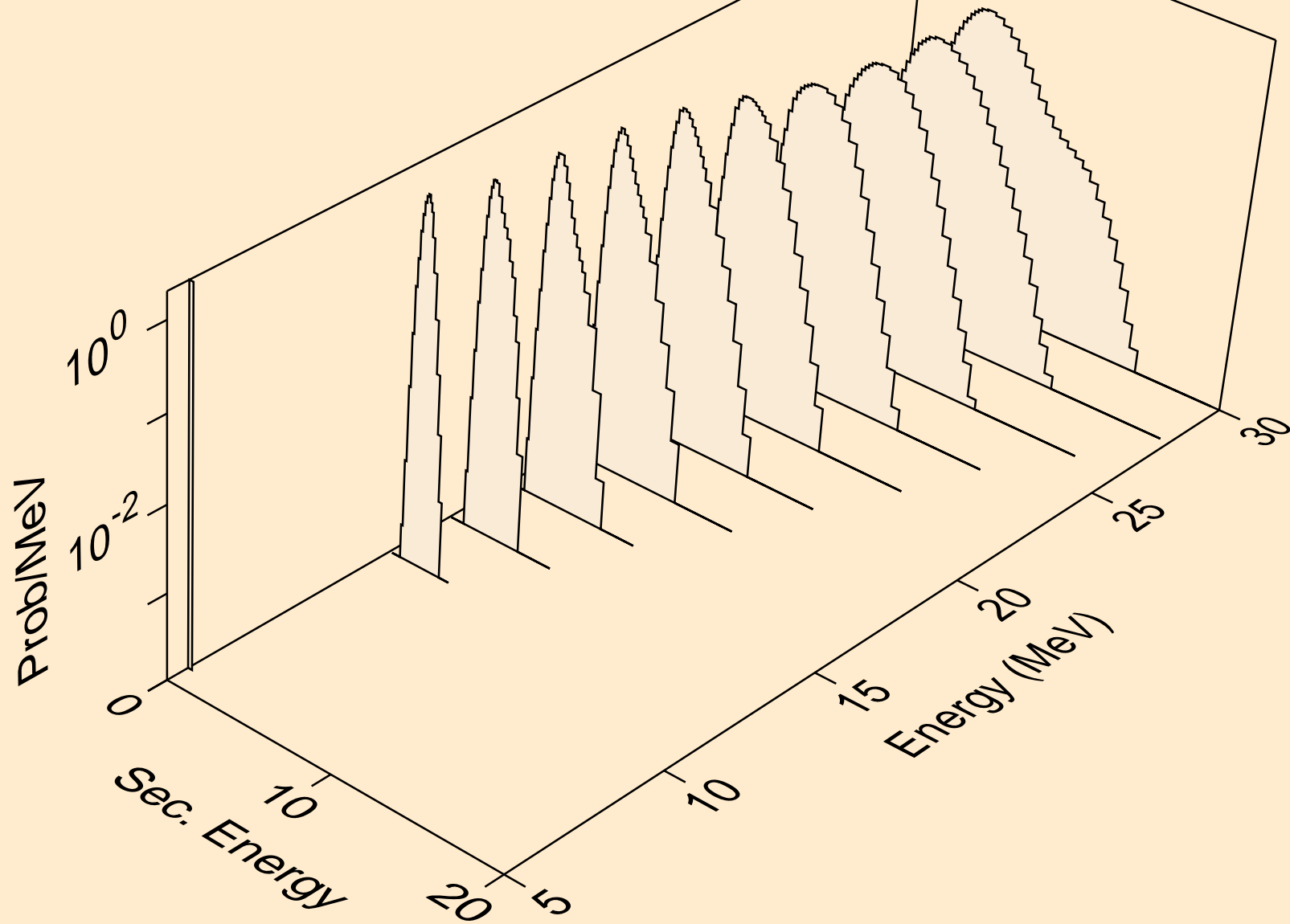


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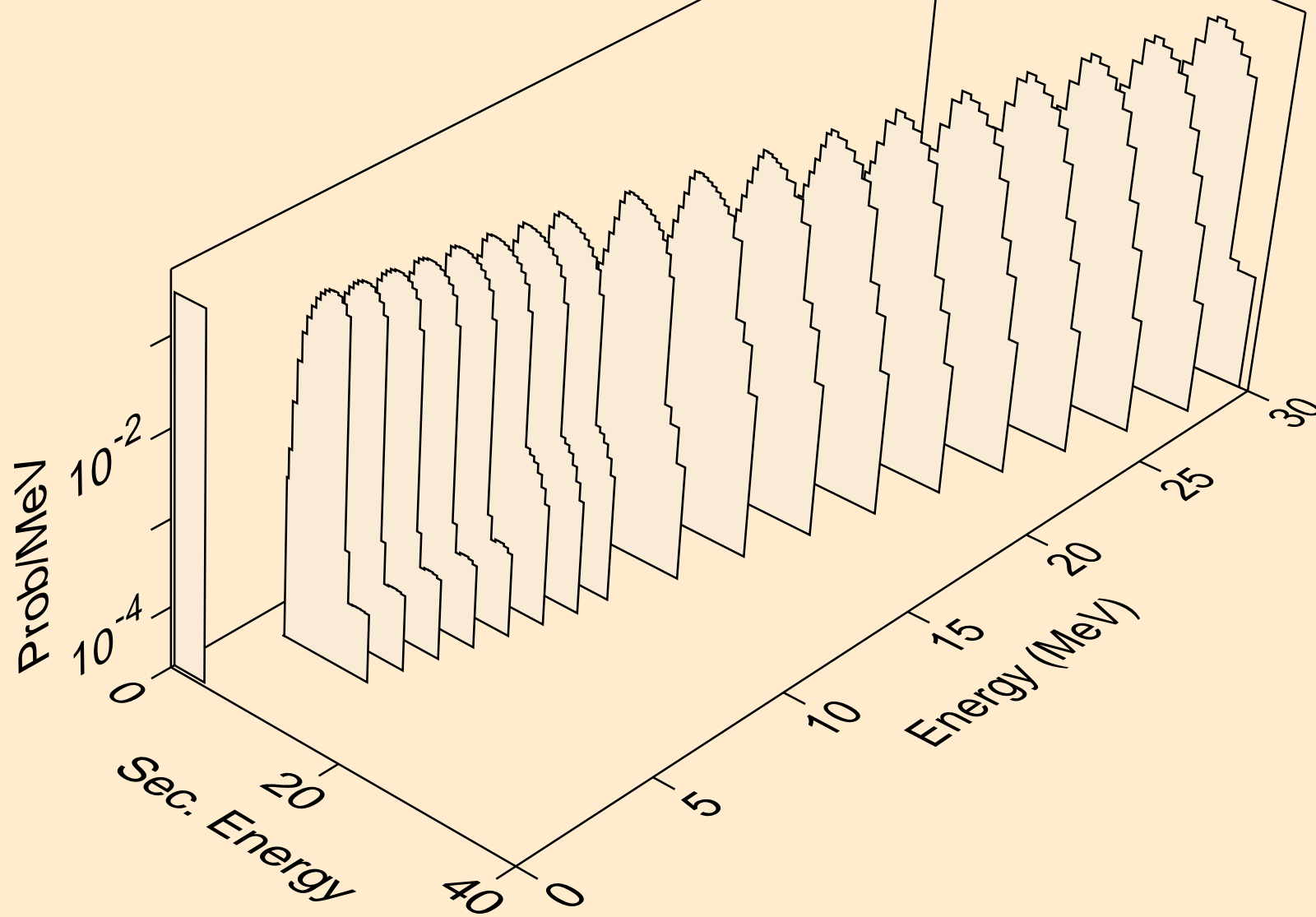




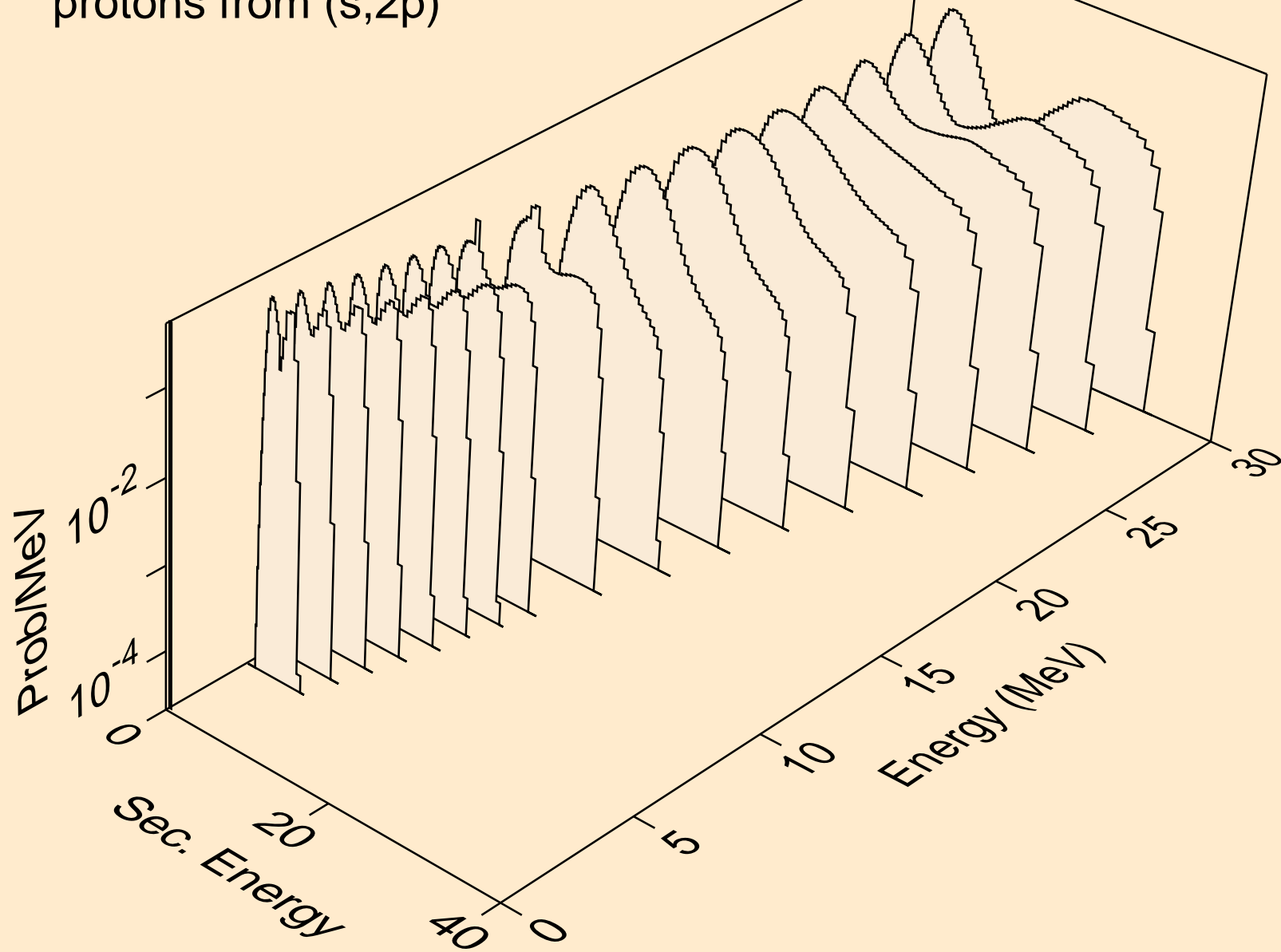
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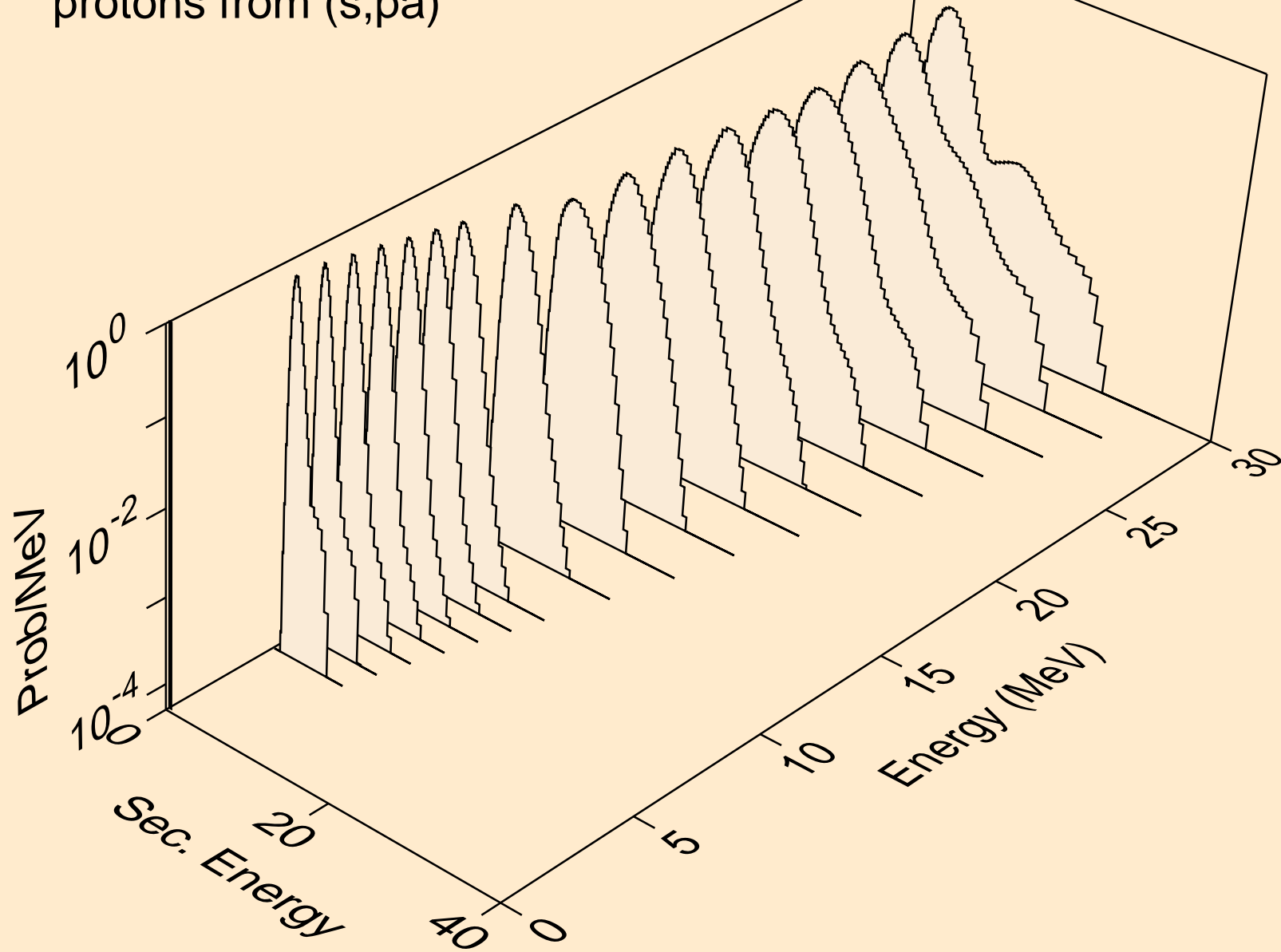
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protons from (s,p)



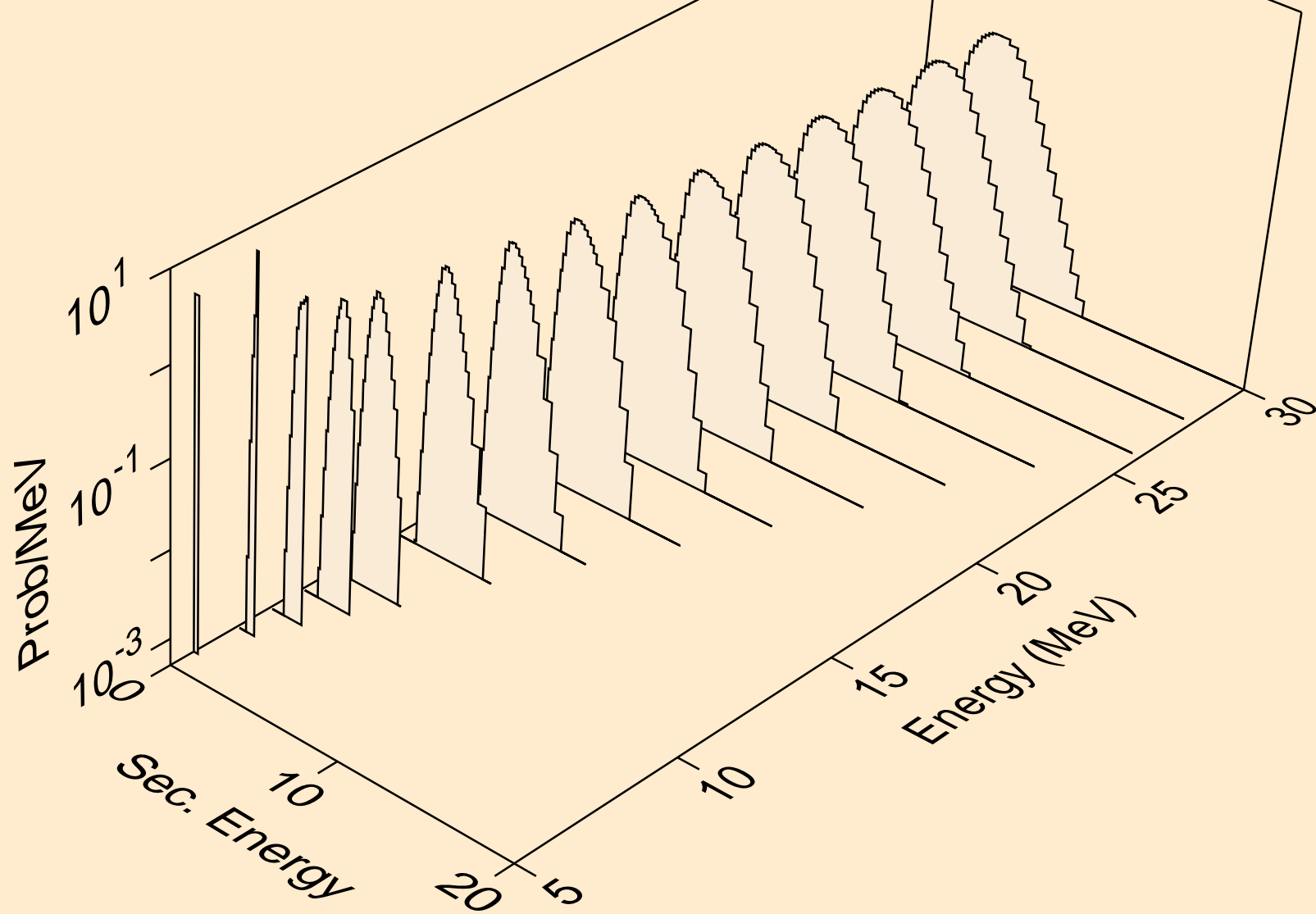
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



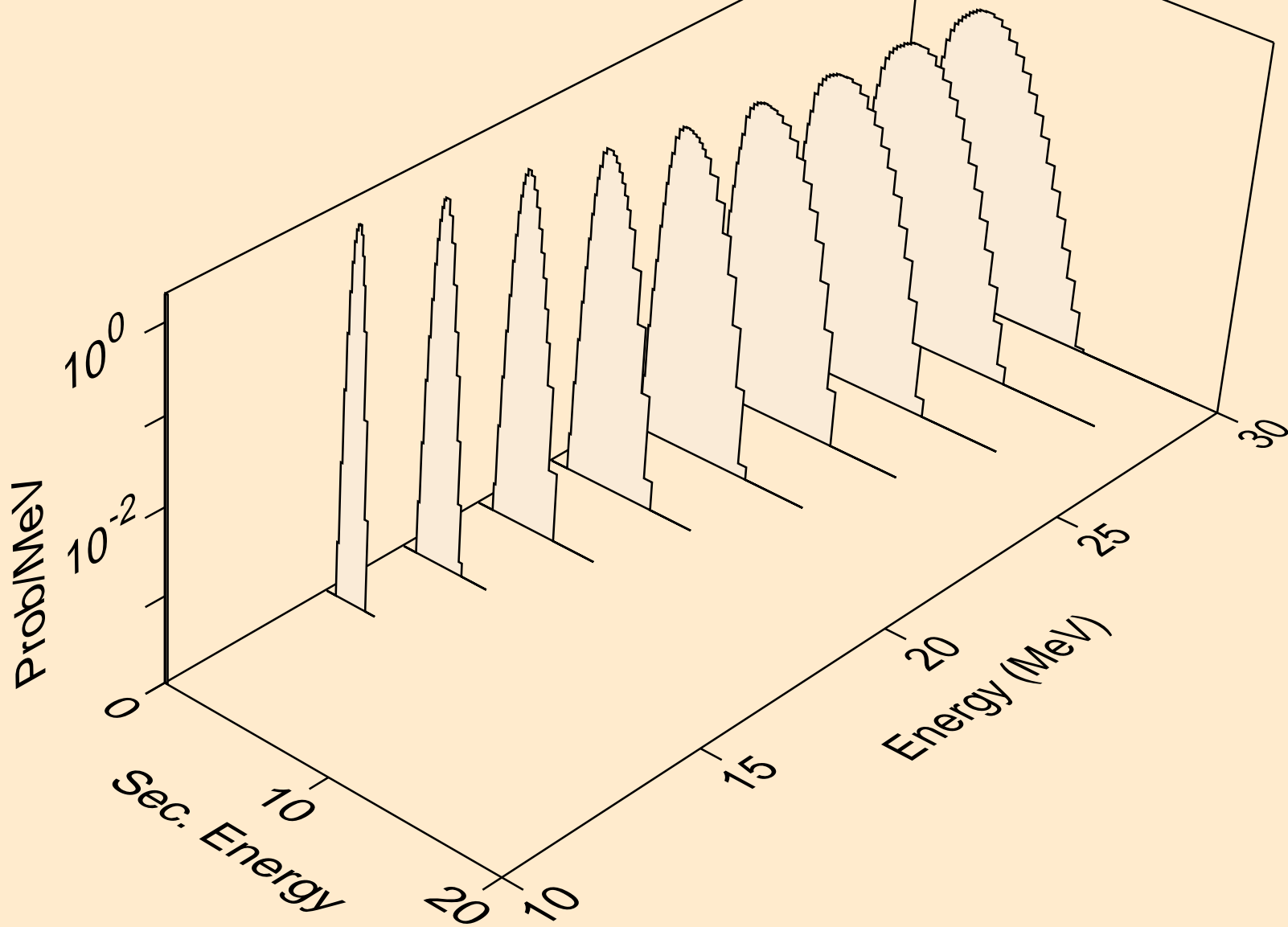
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protons from (s,pa)



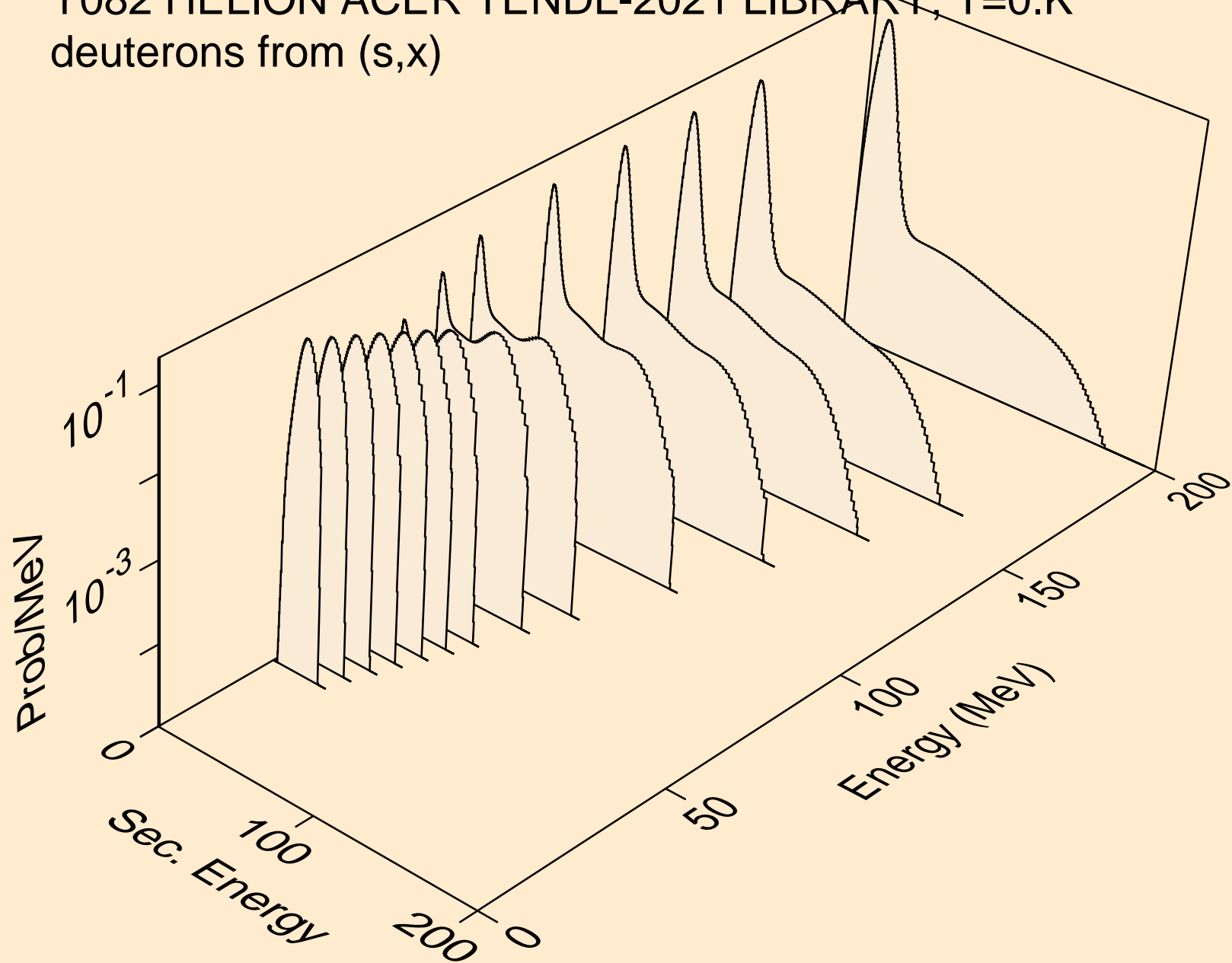
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protons from (s,pd)



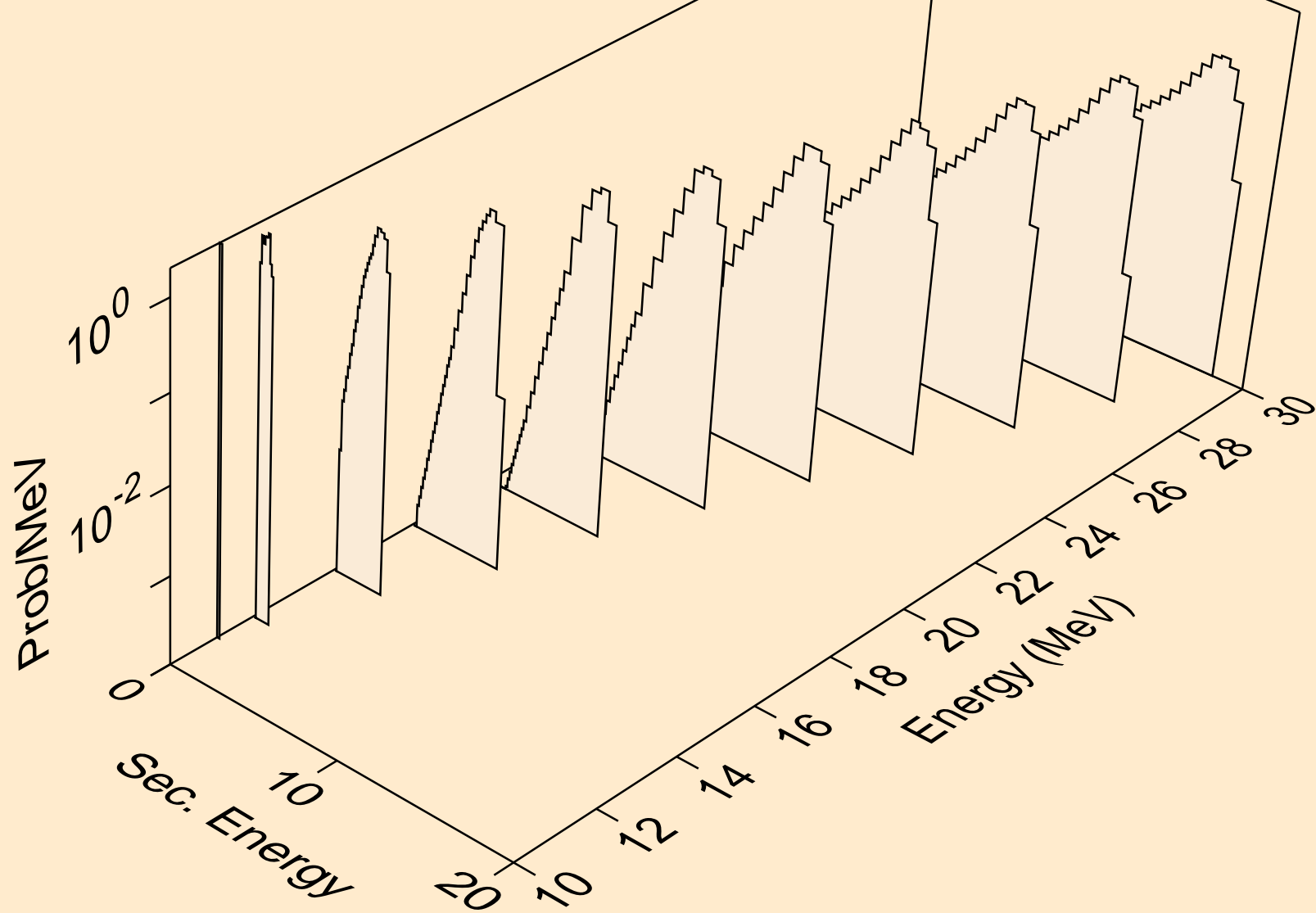
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

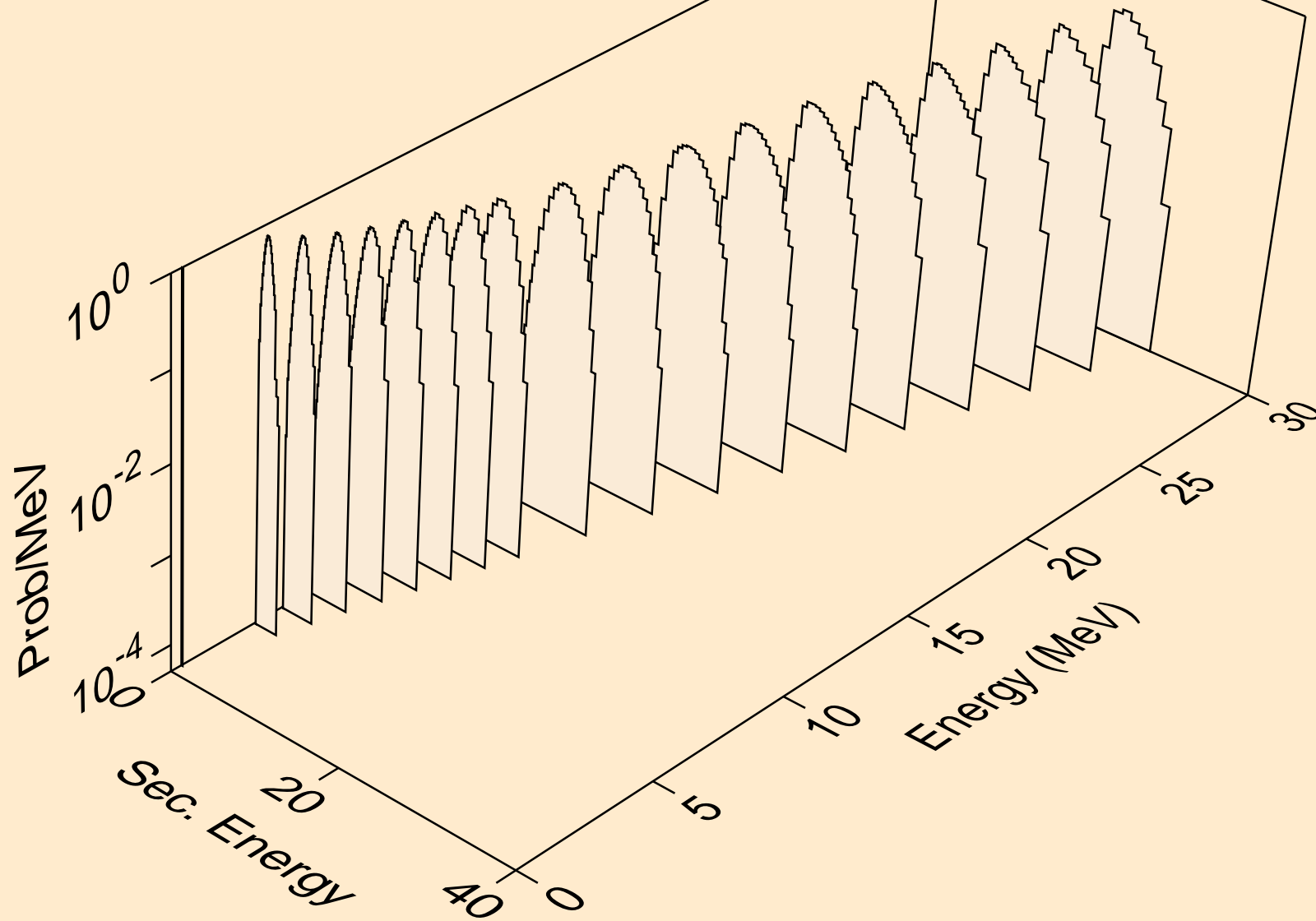


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

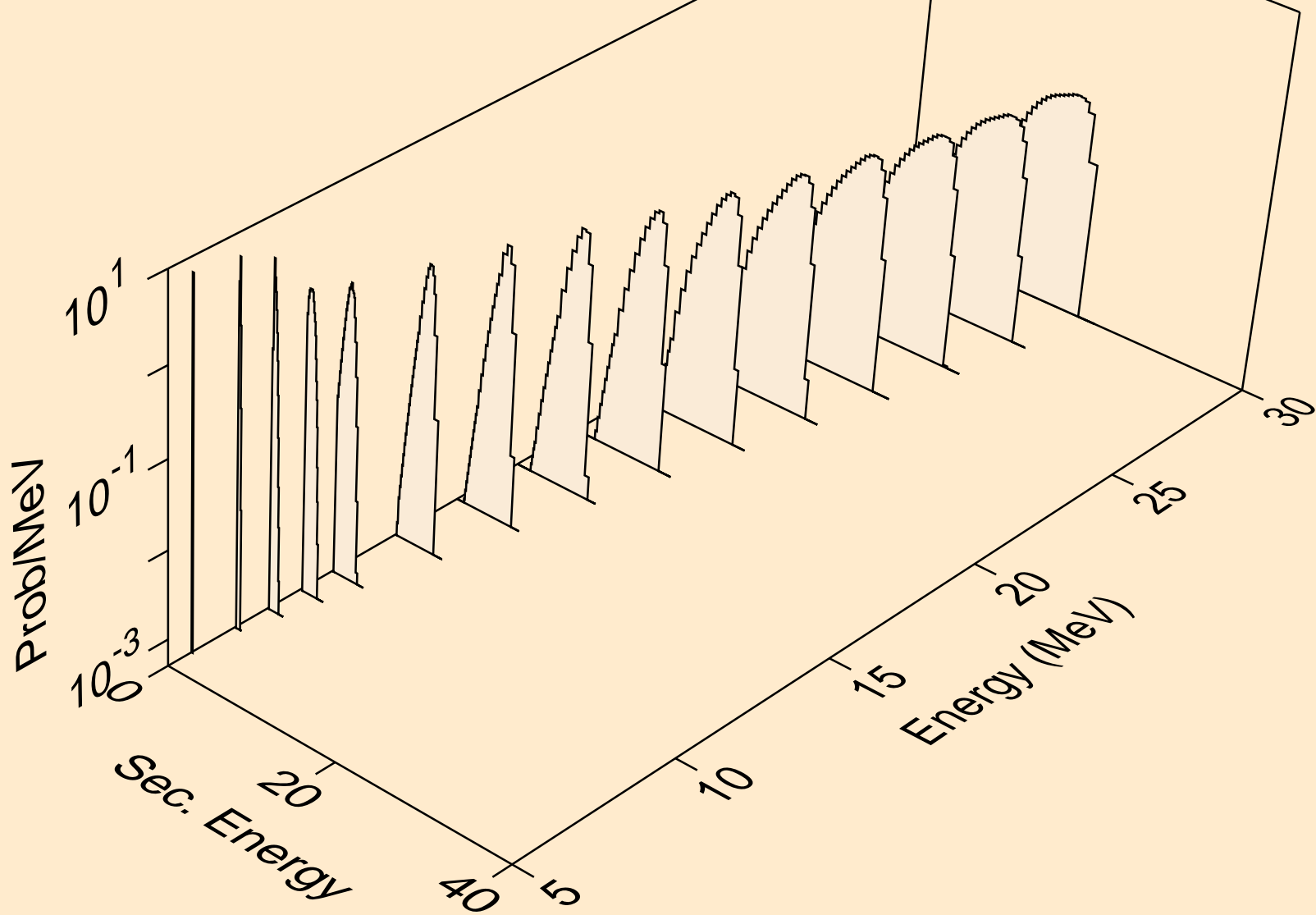




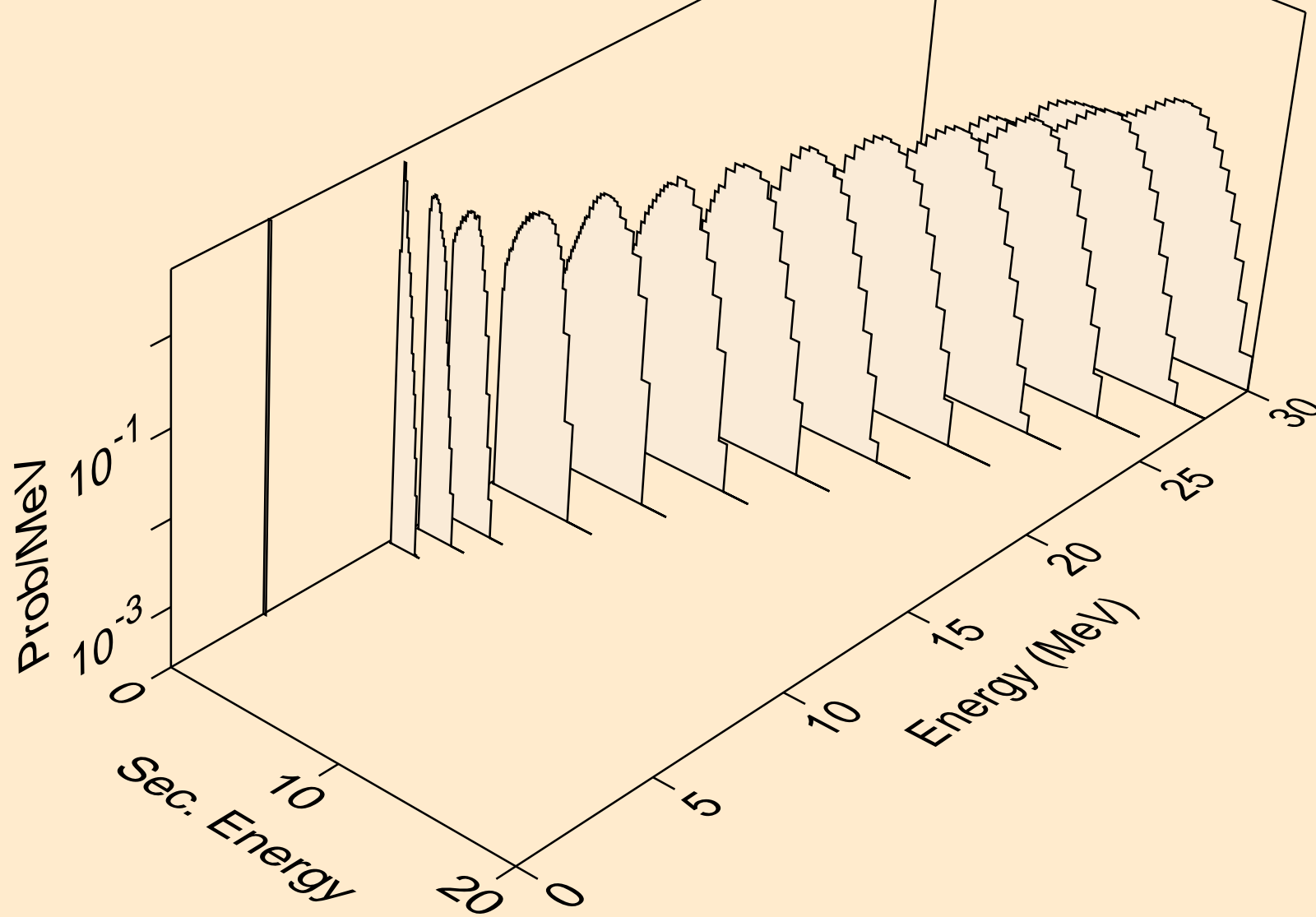
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deuterons from (s,d)



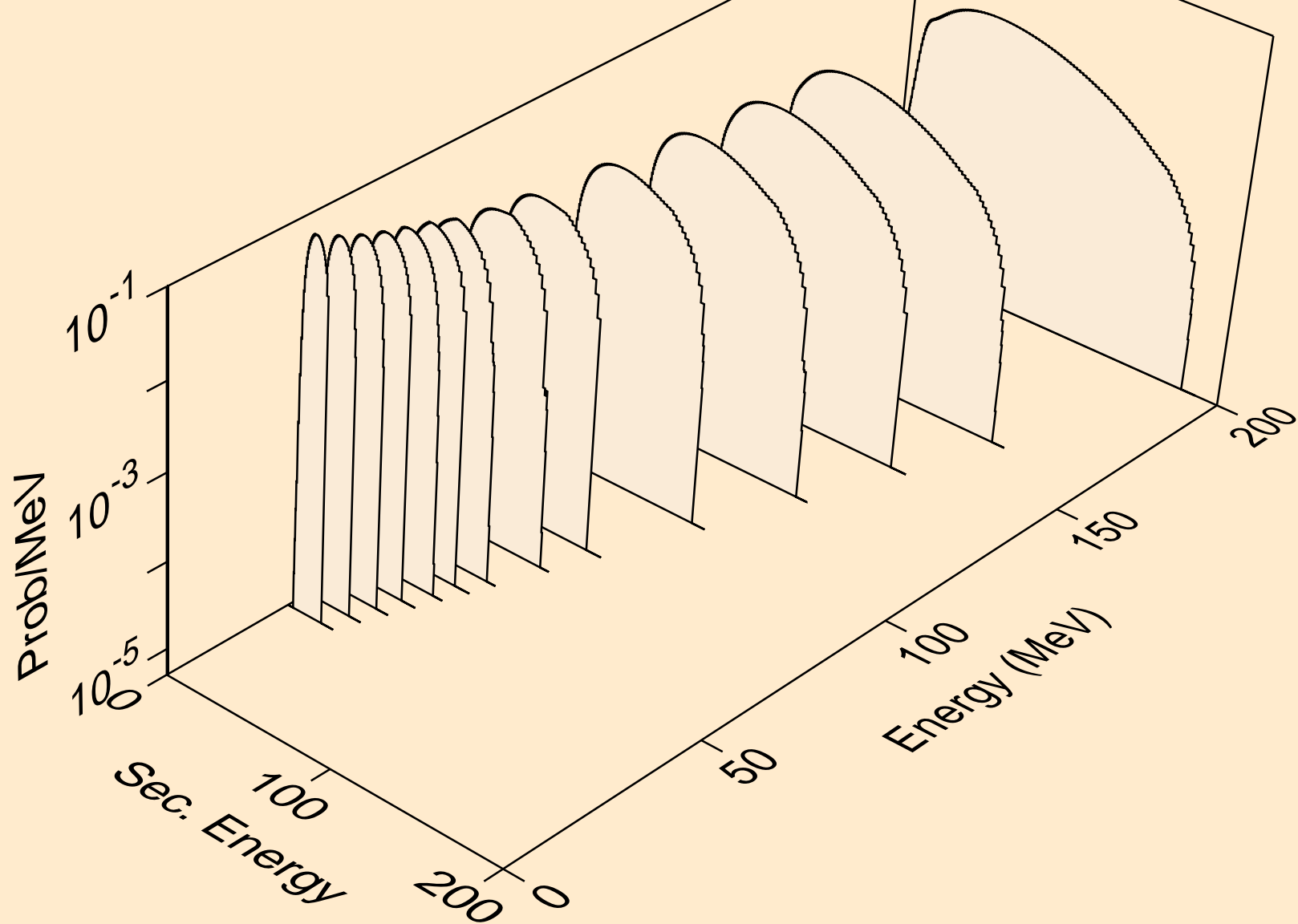
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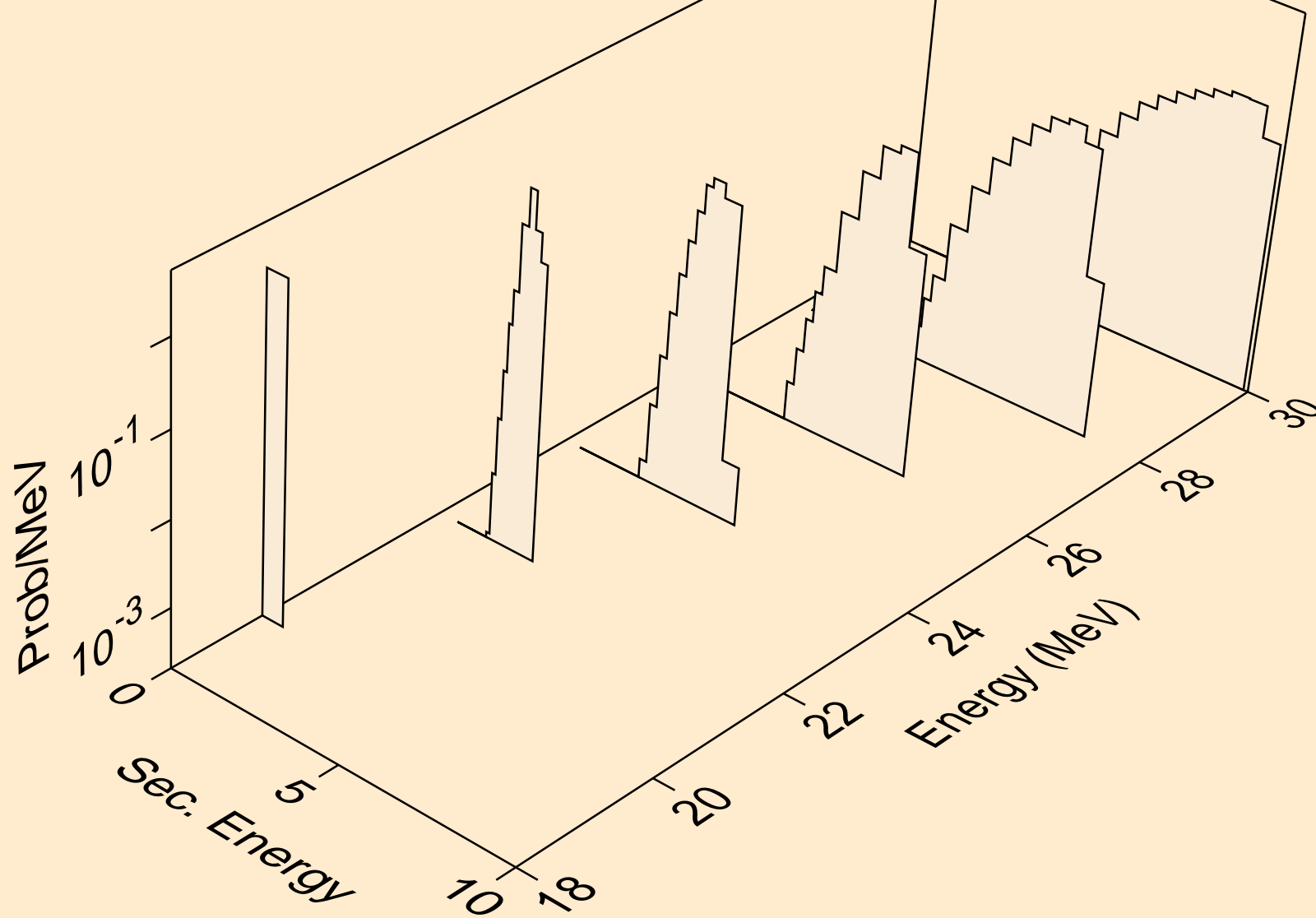
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deuterons from (s,da)



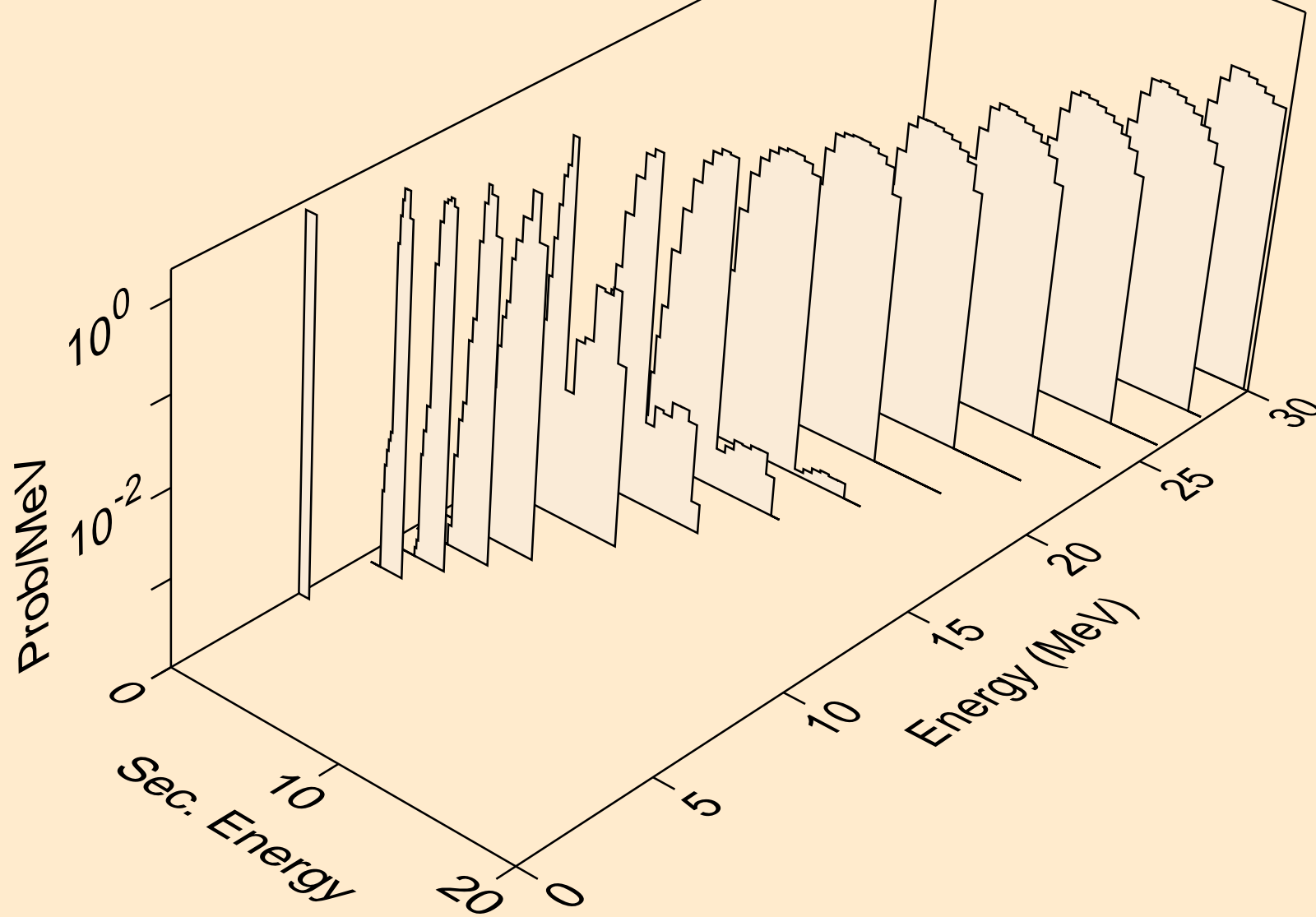
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



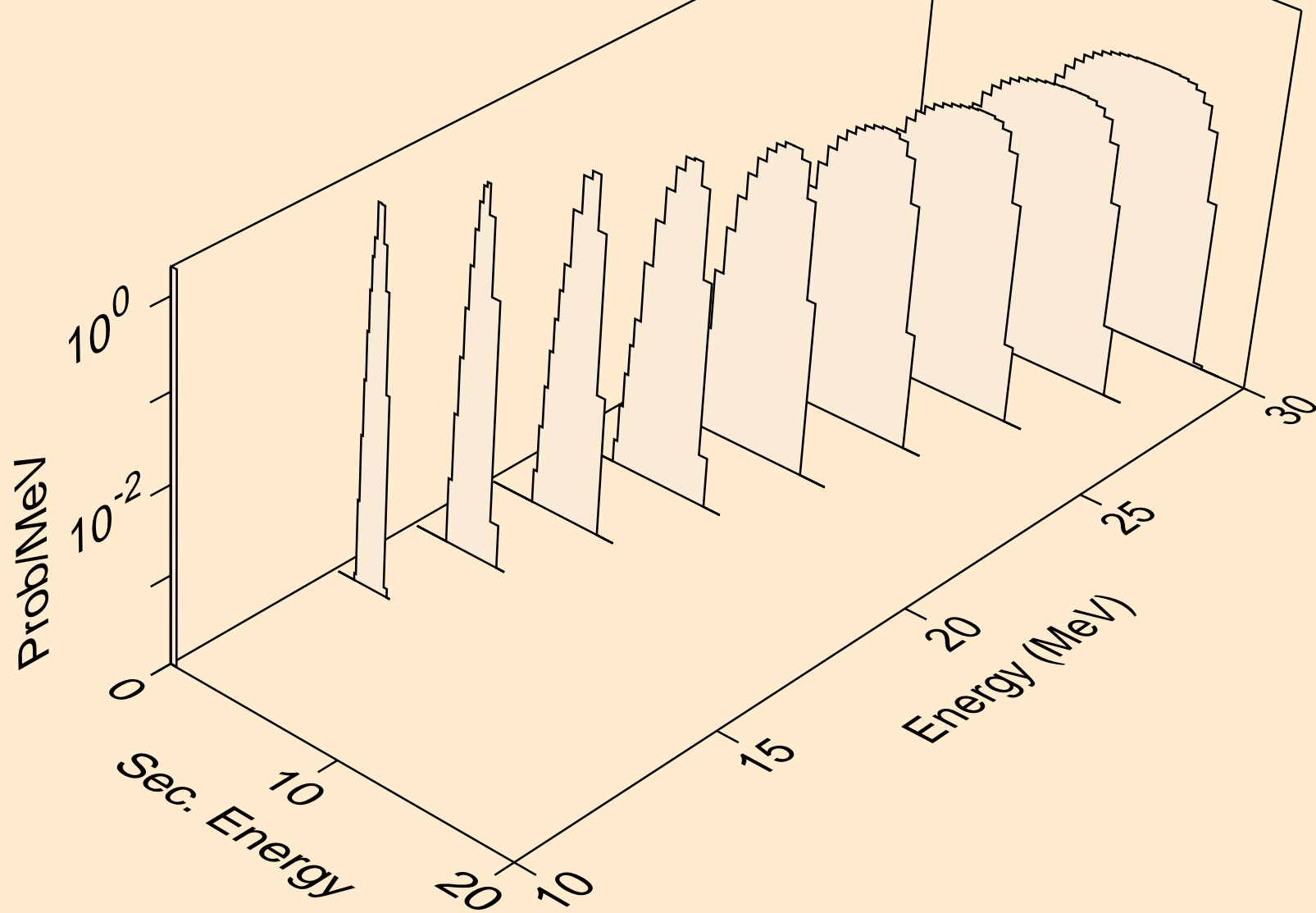
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



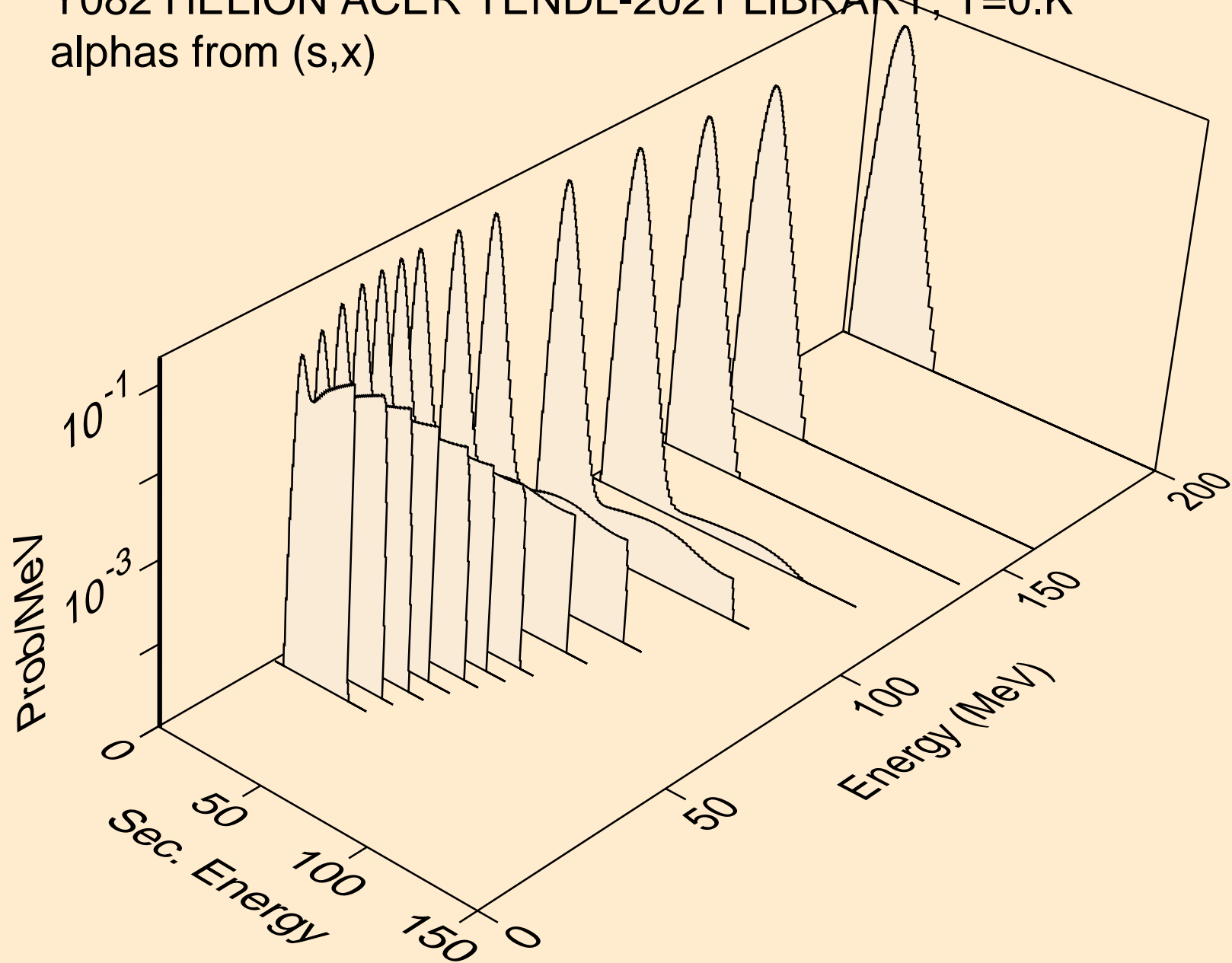
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tritons from (s,t)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

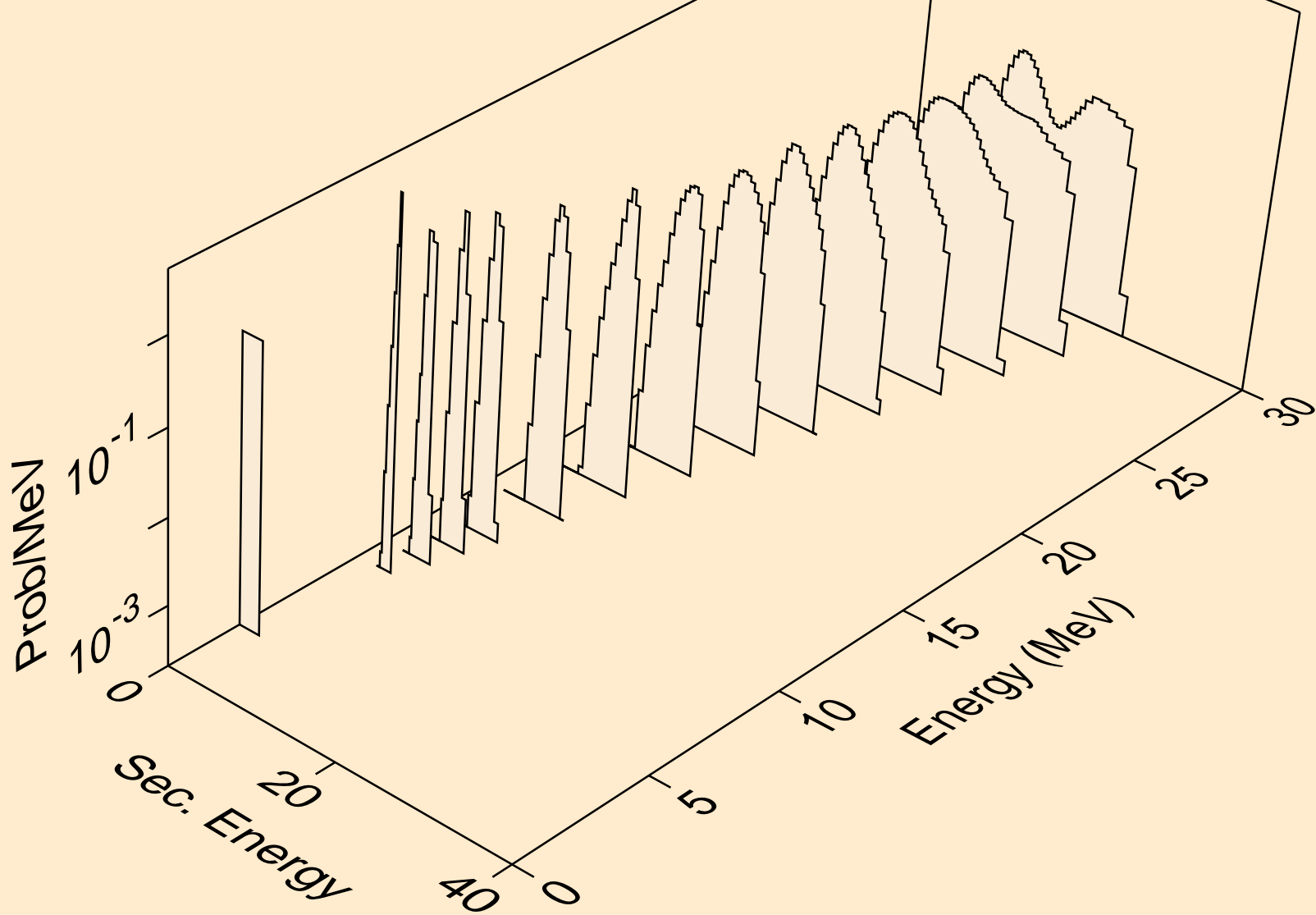


Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

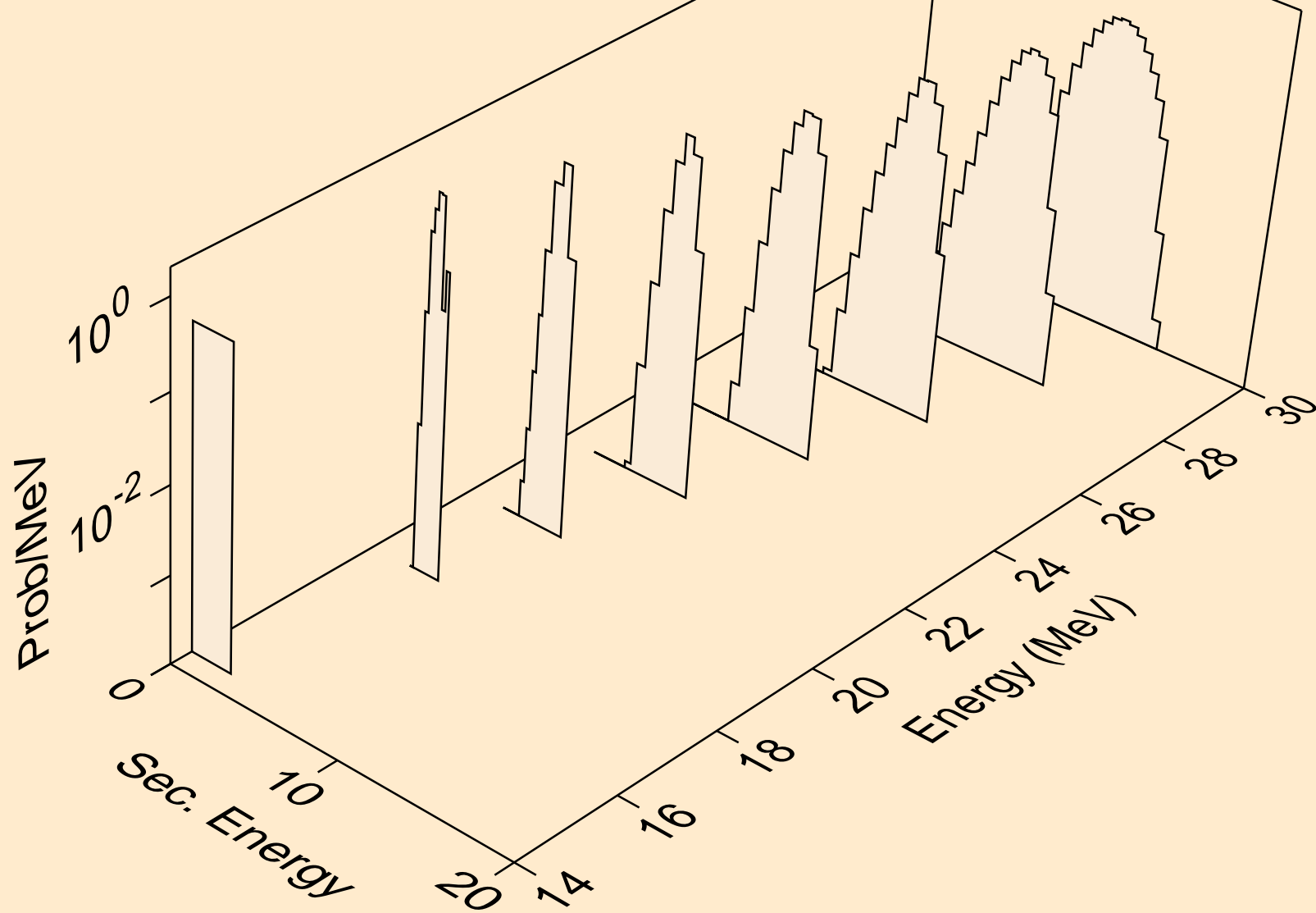




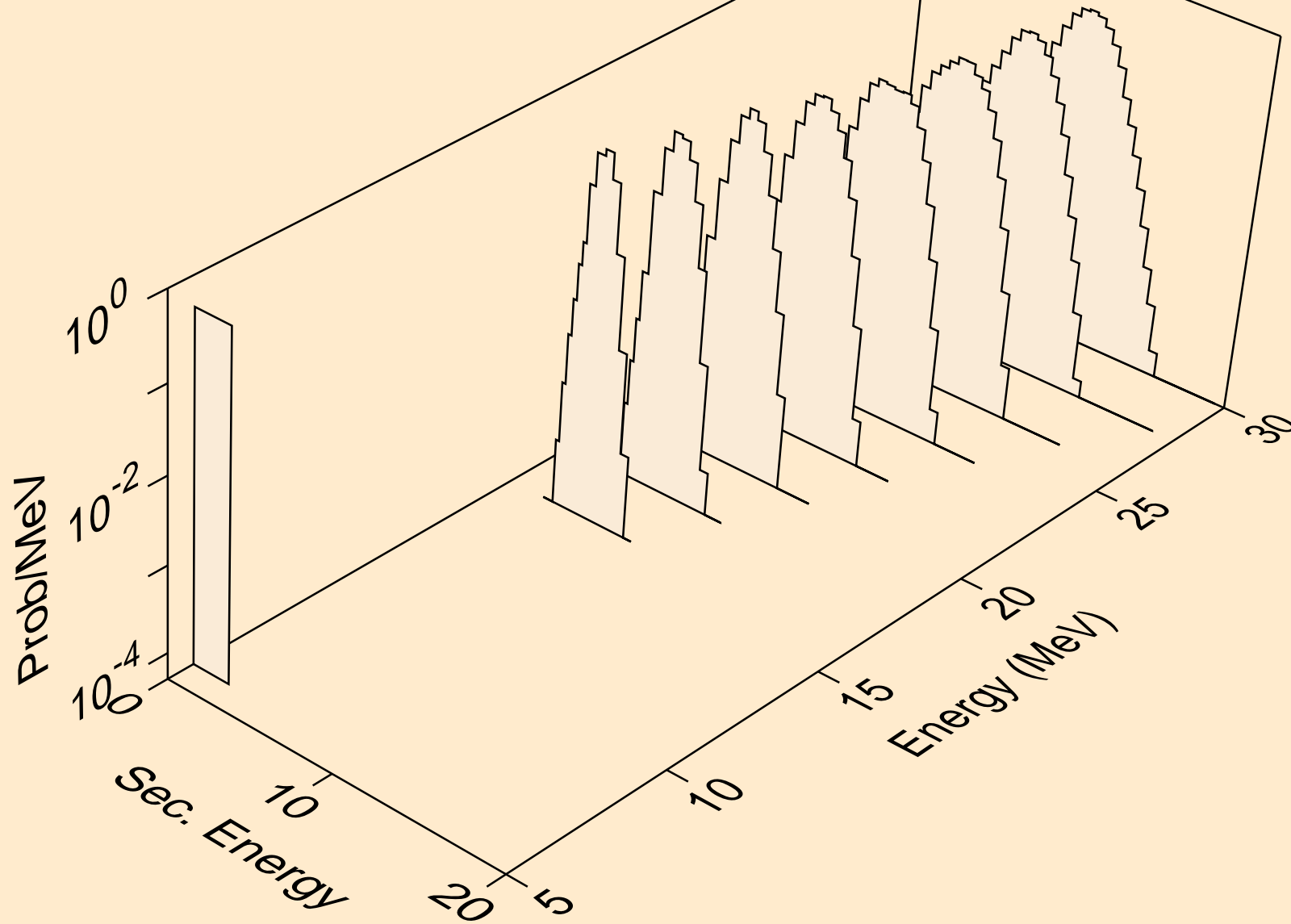
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



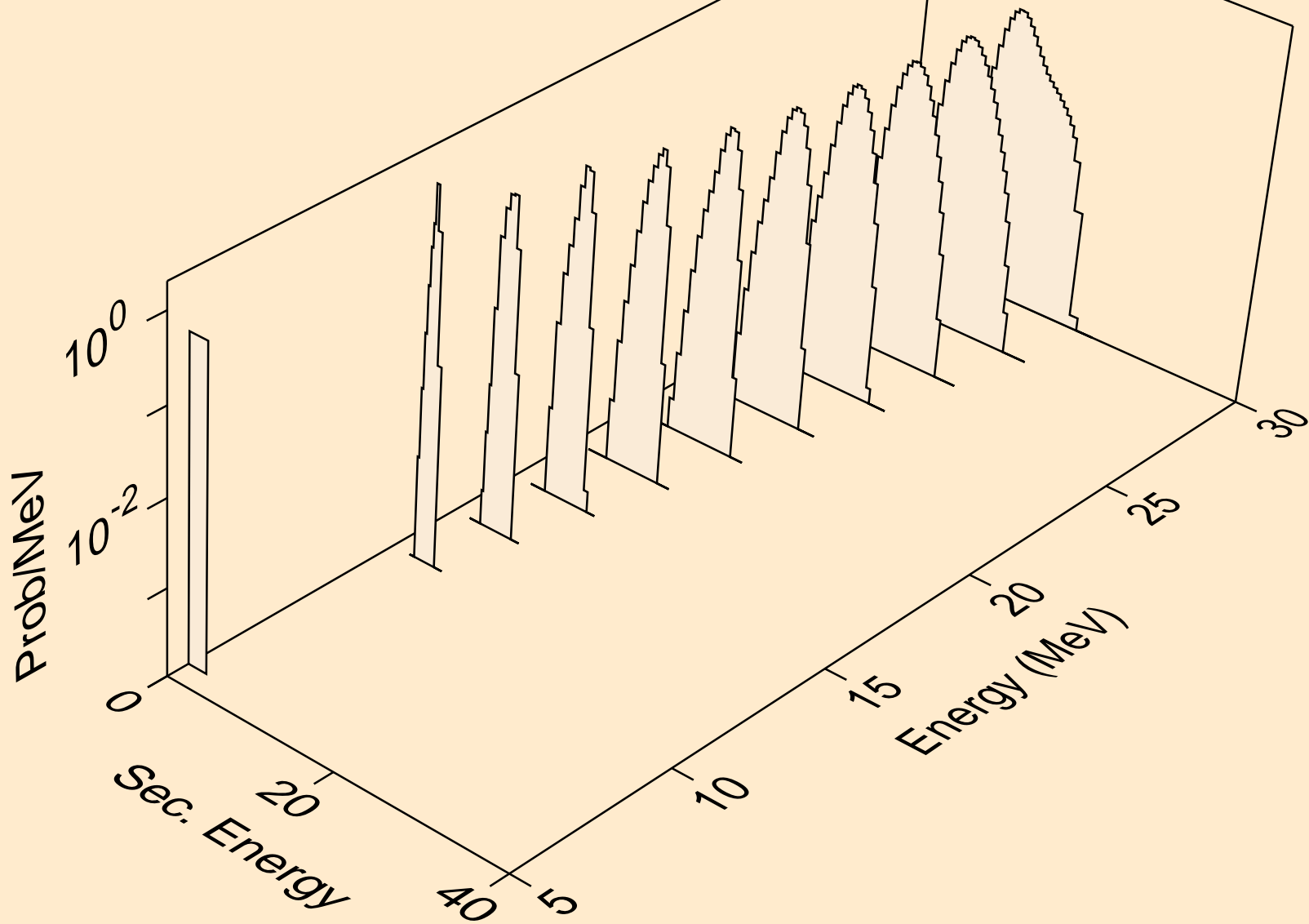
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



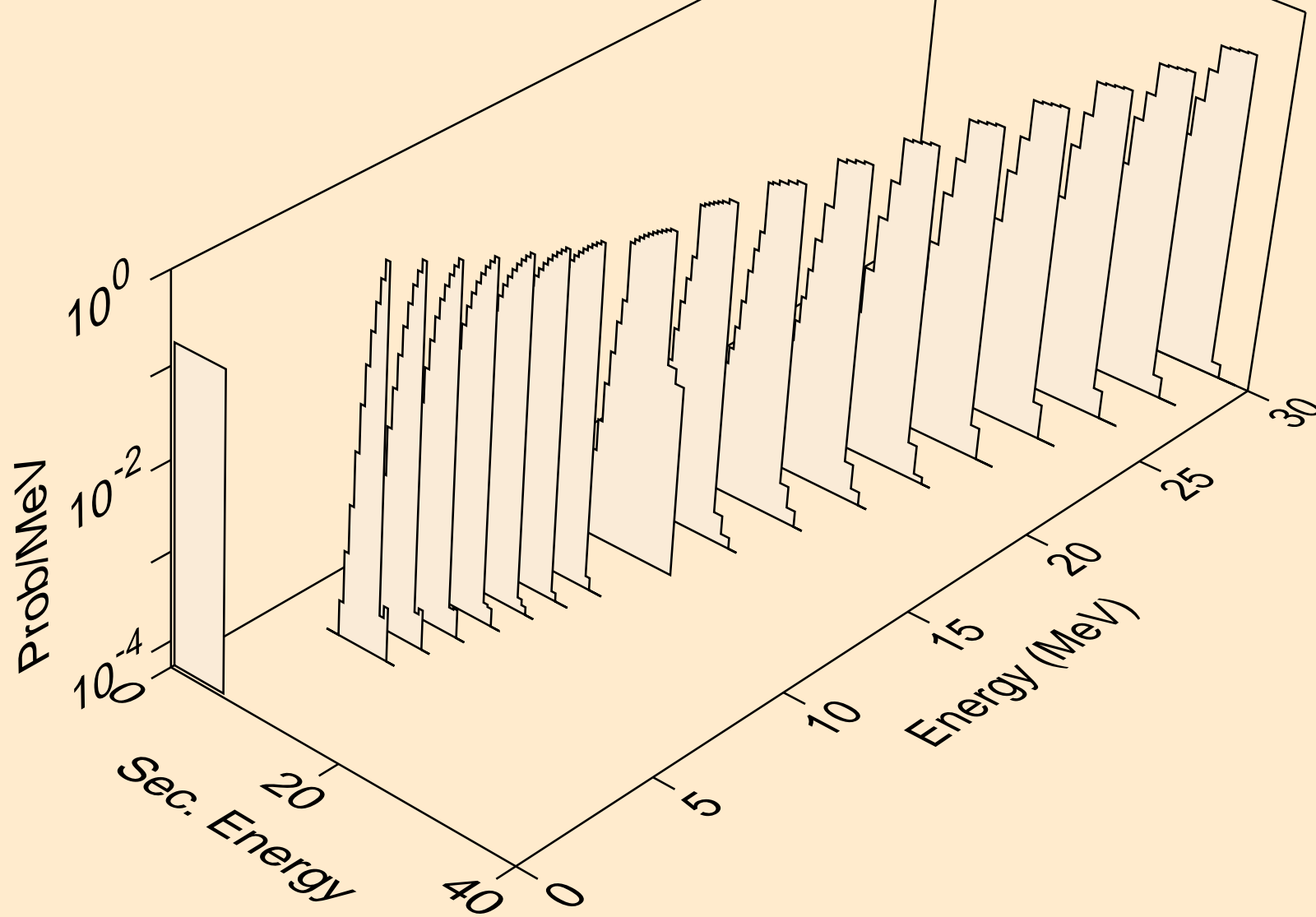
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



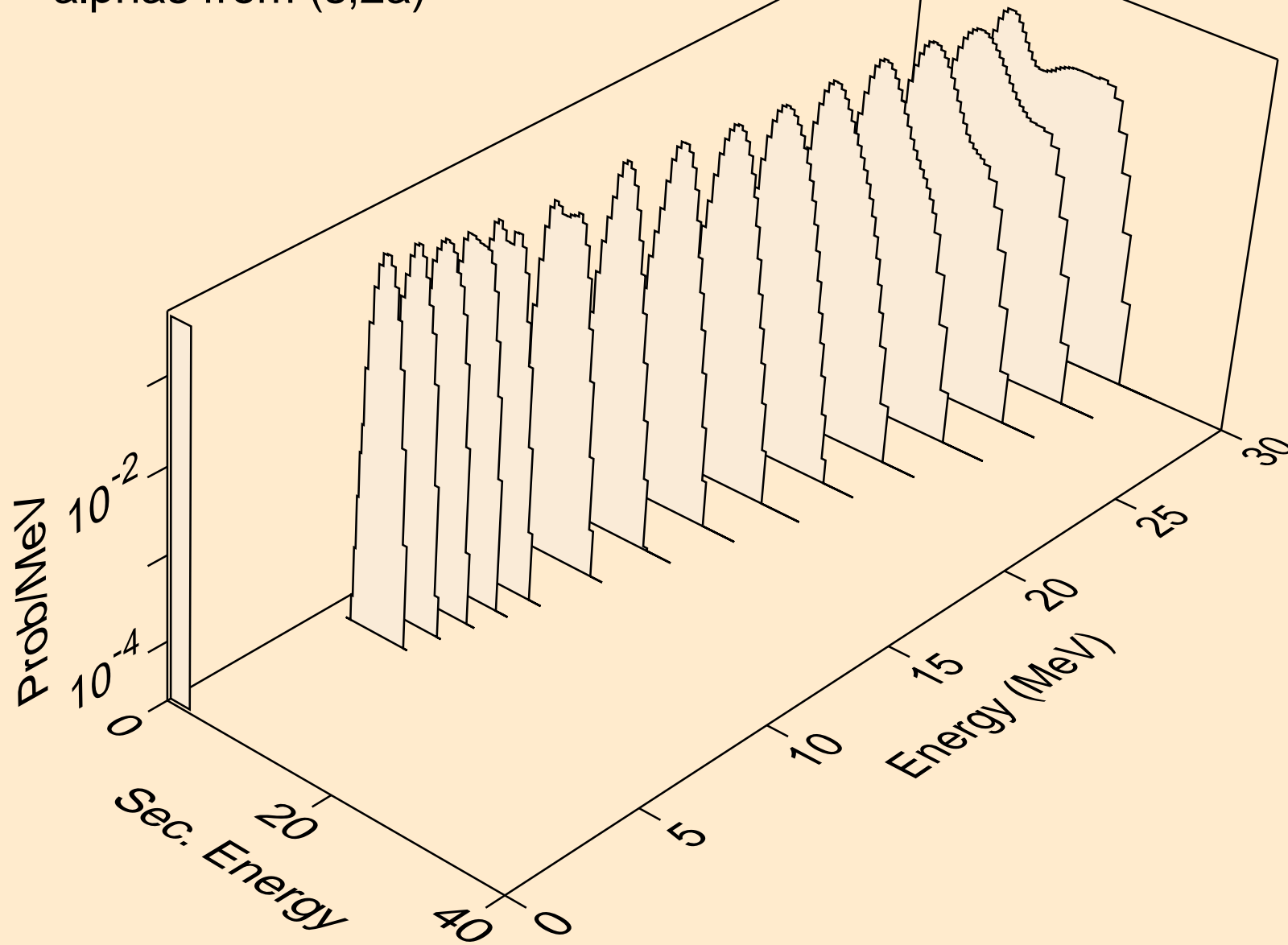
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



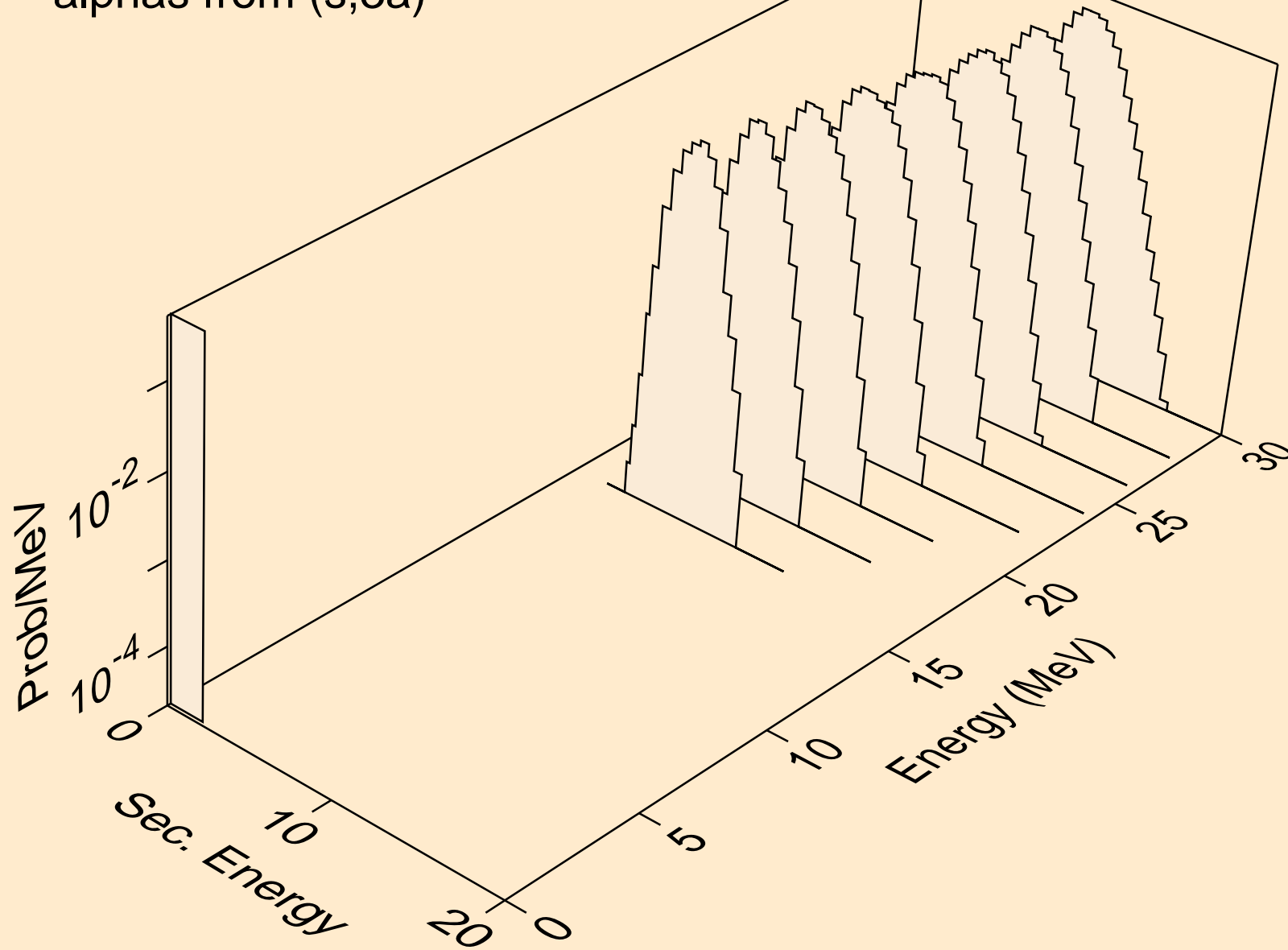
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



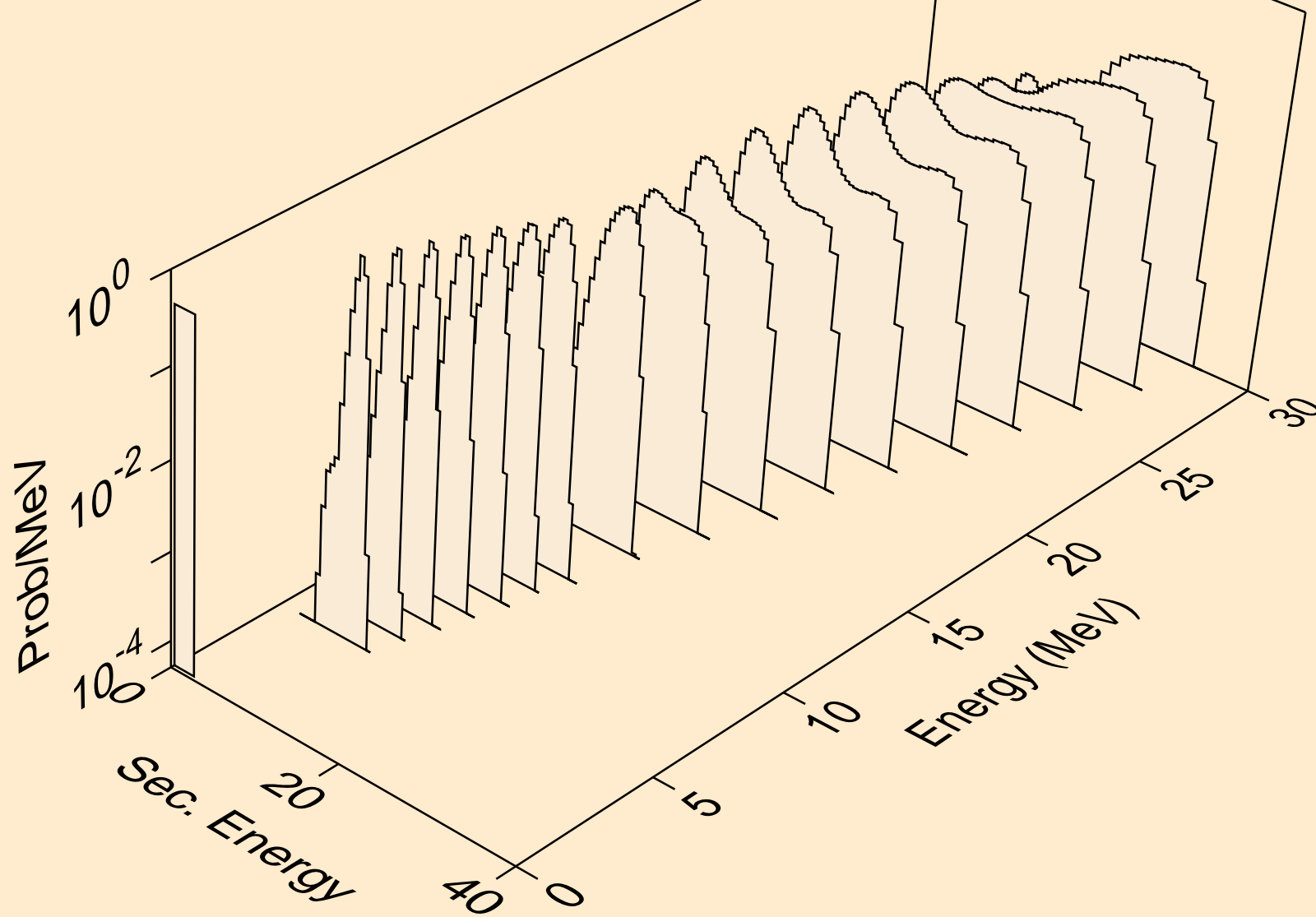
Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





Y082 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

