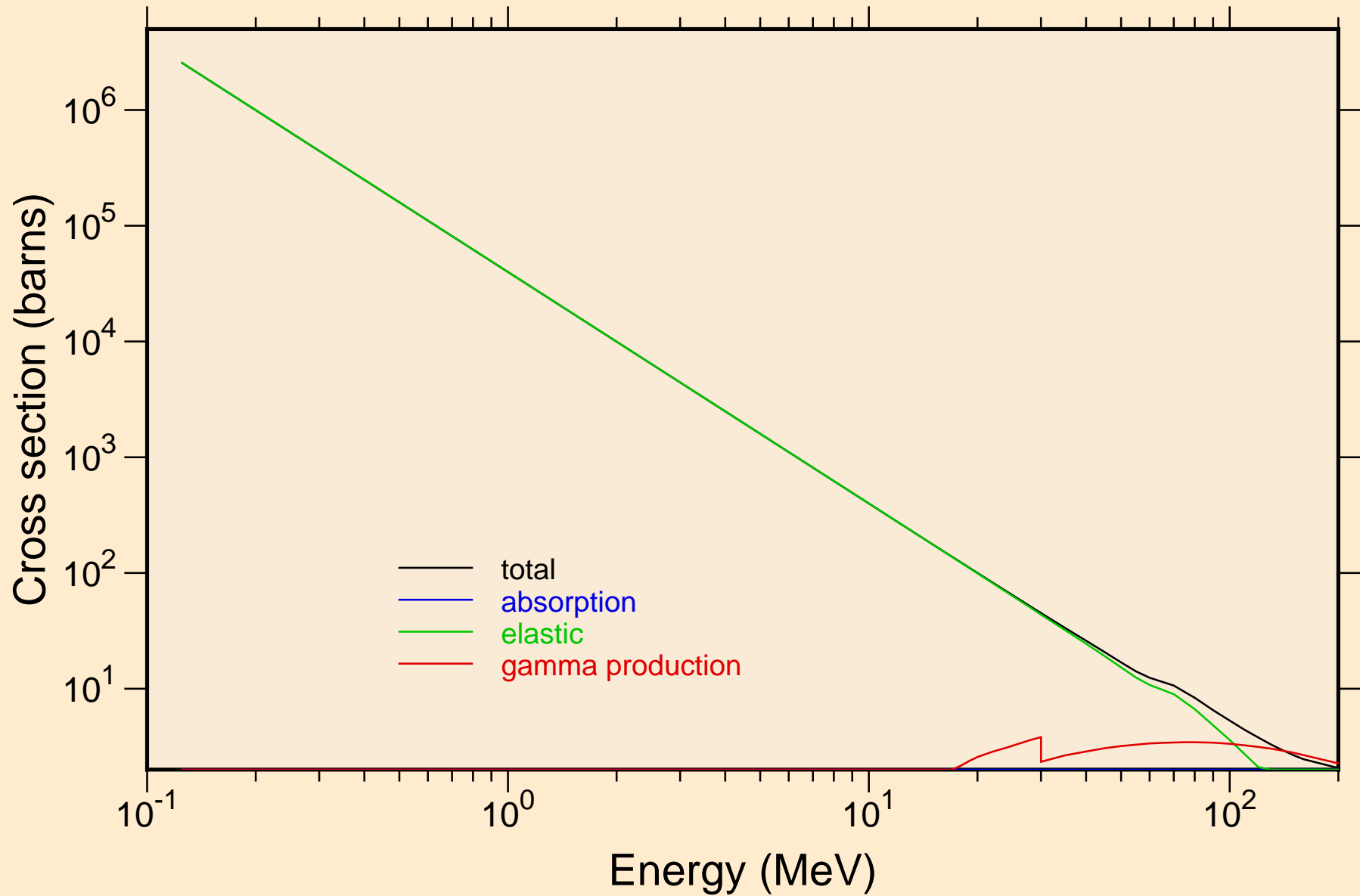


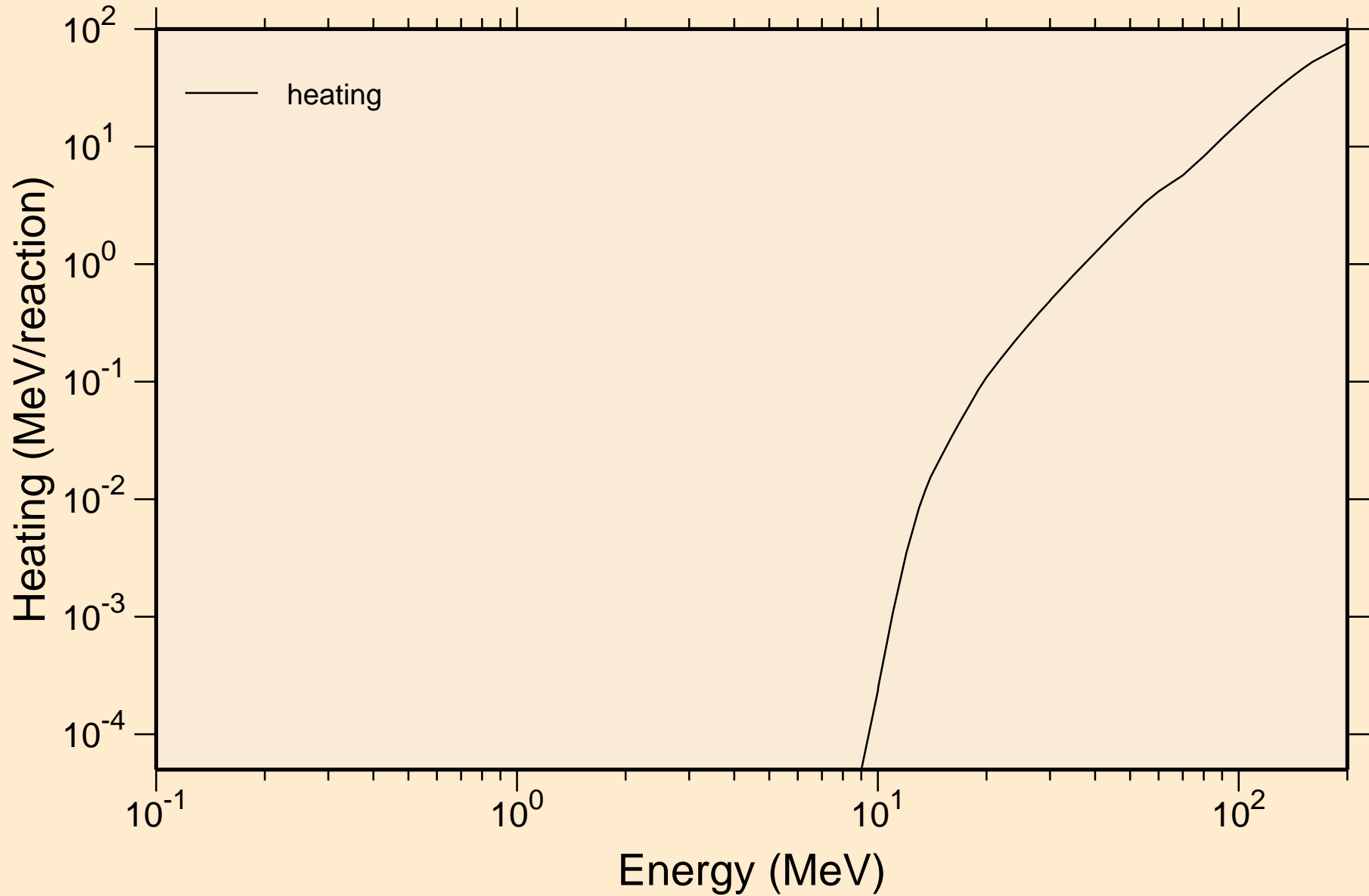
# Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



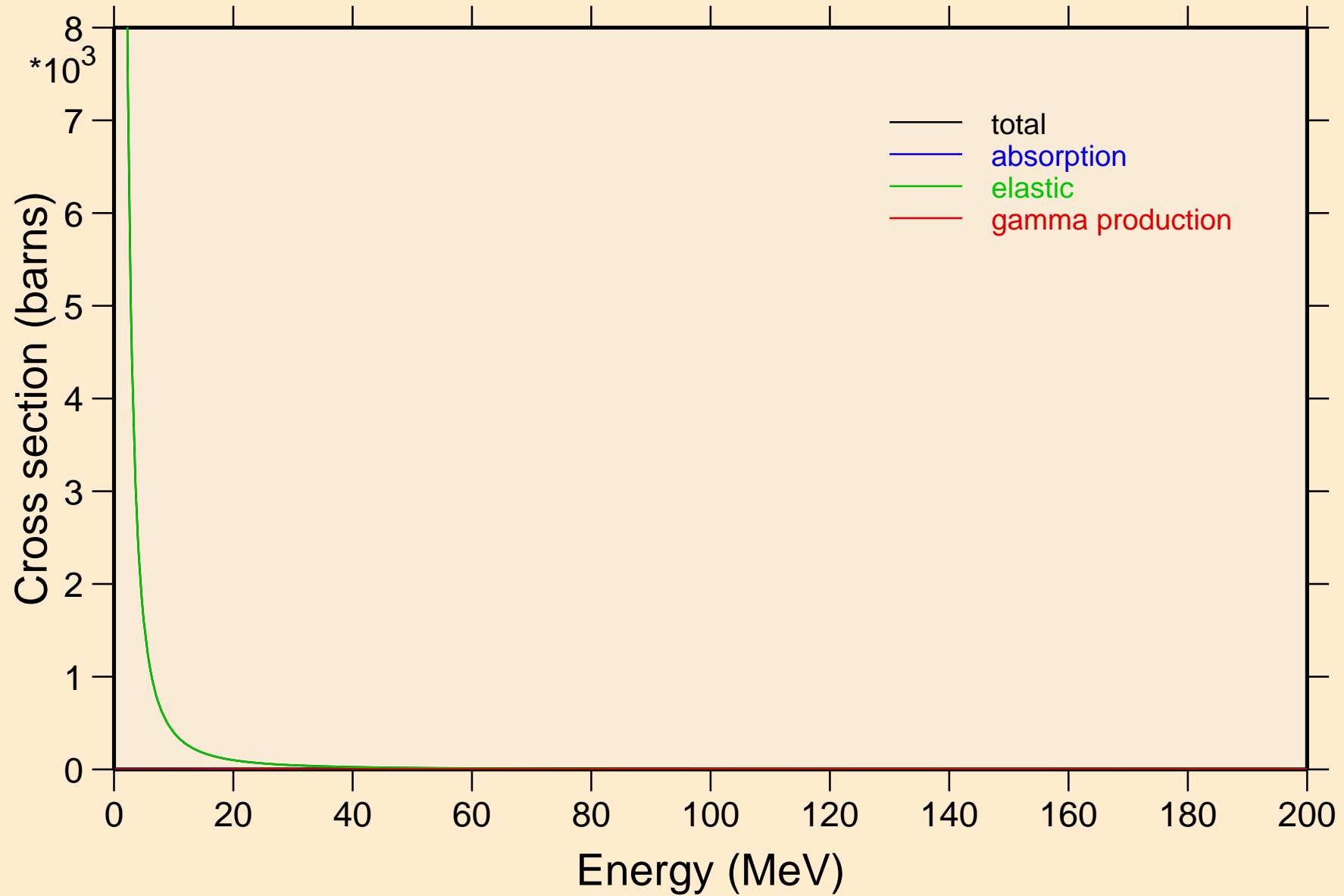
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



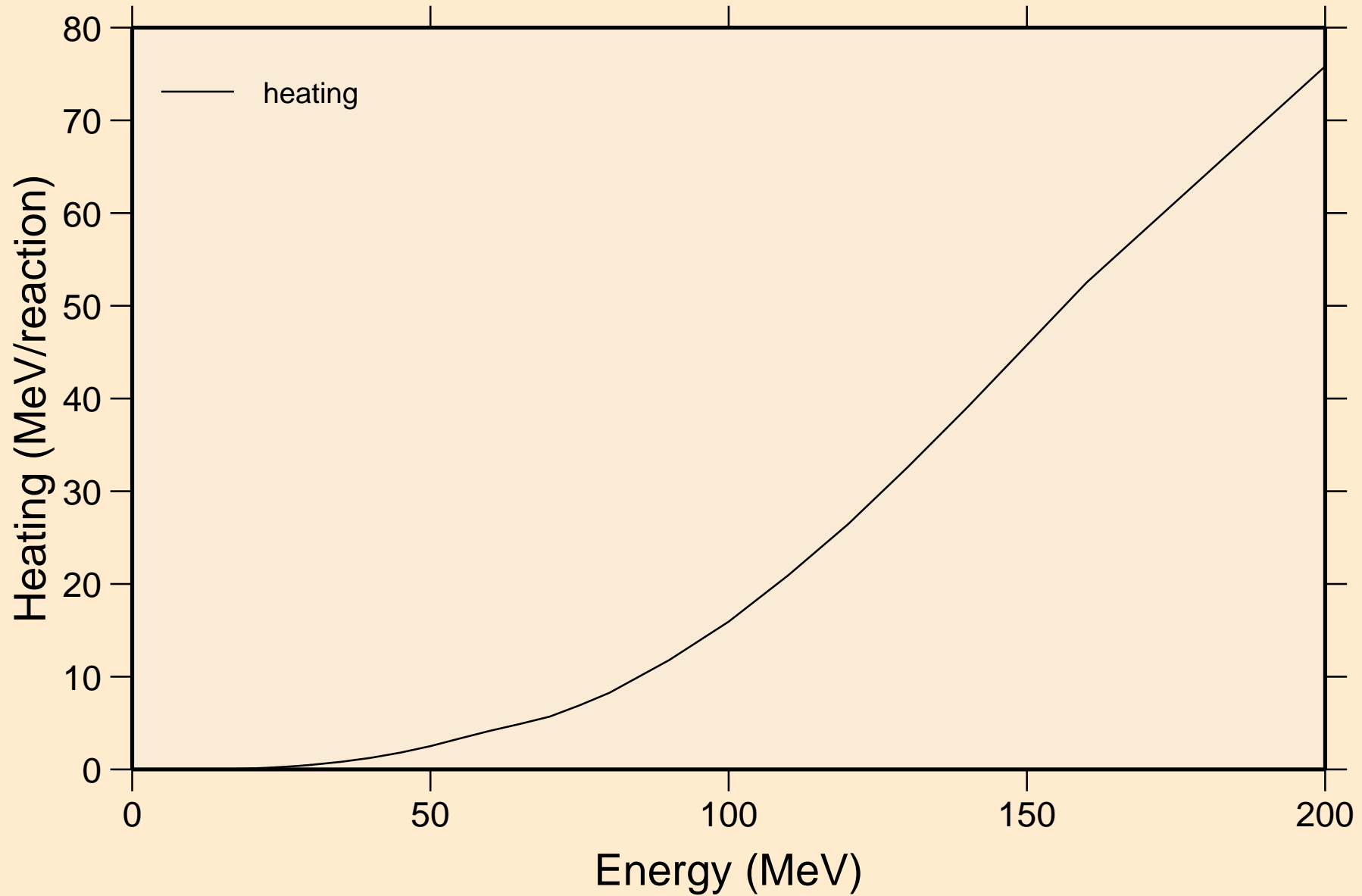
# Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



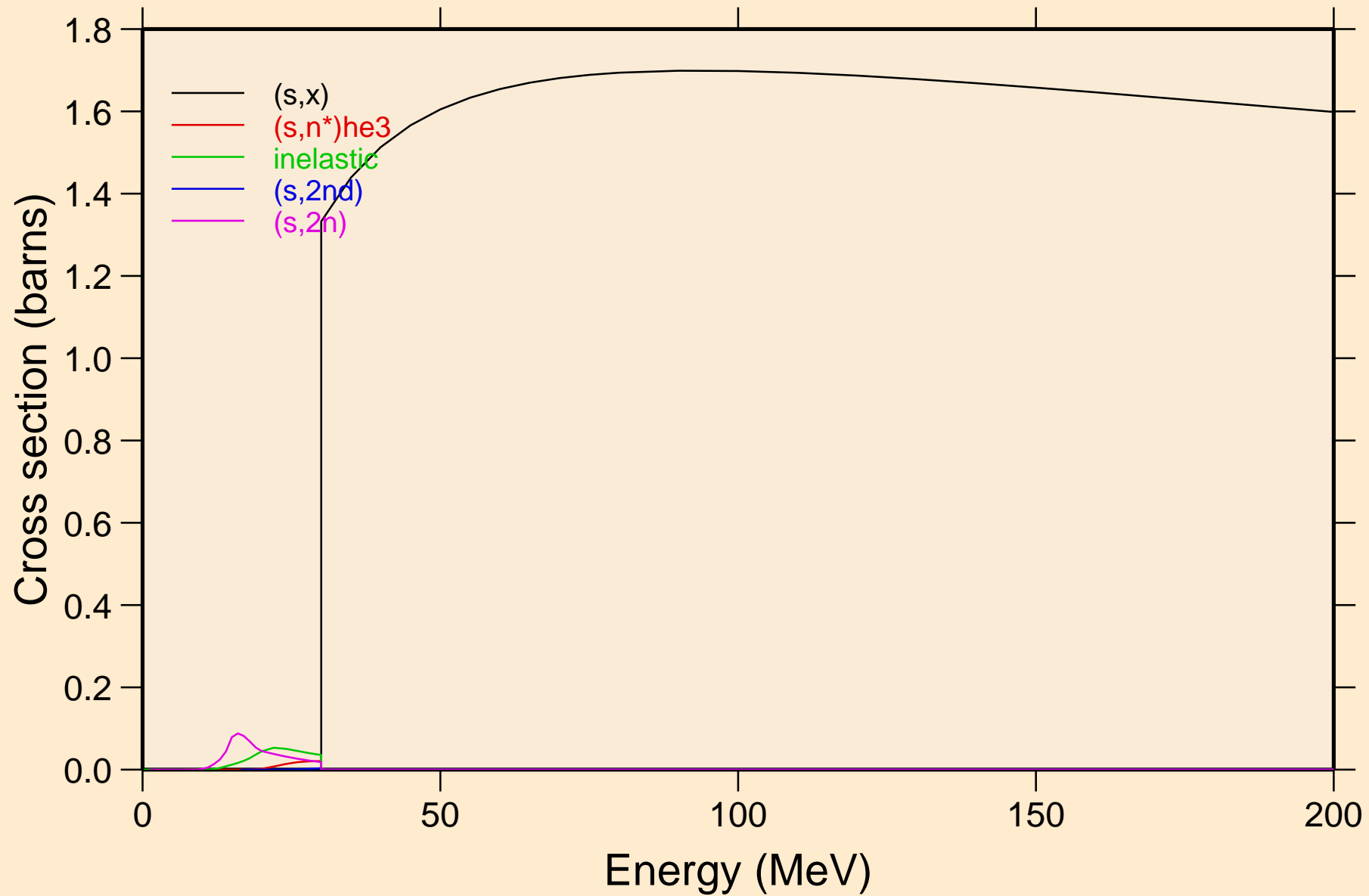
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating

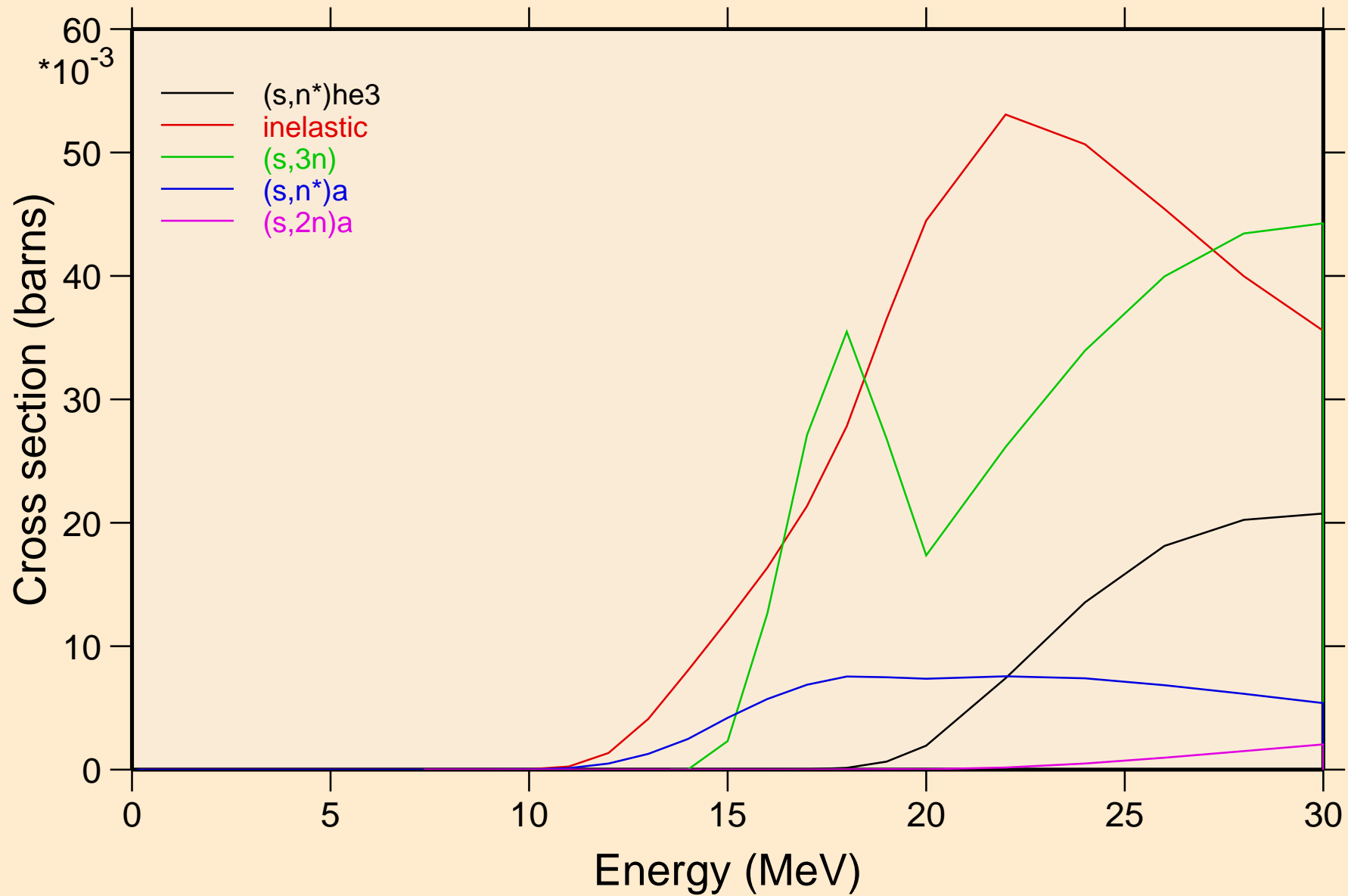


# Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

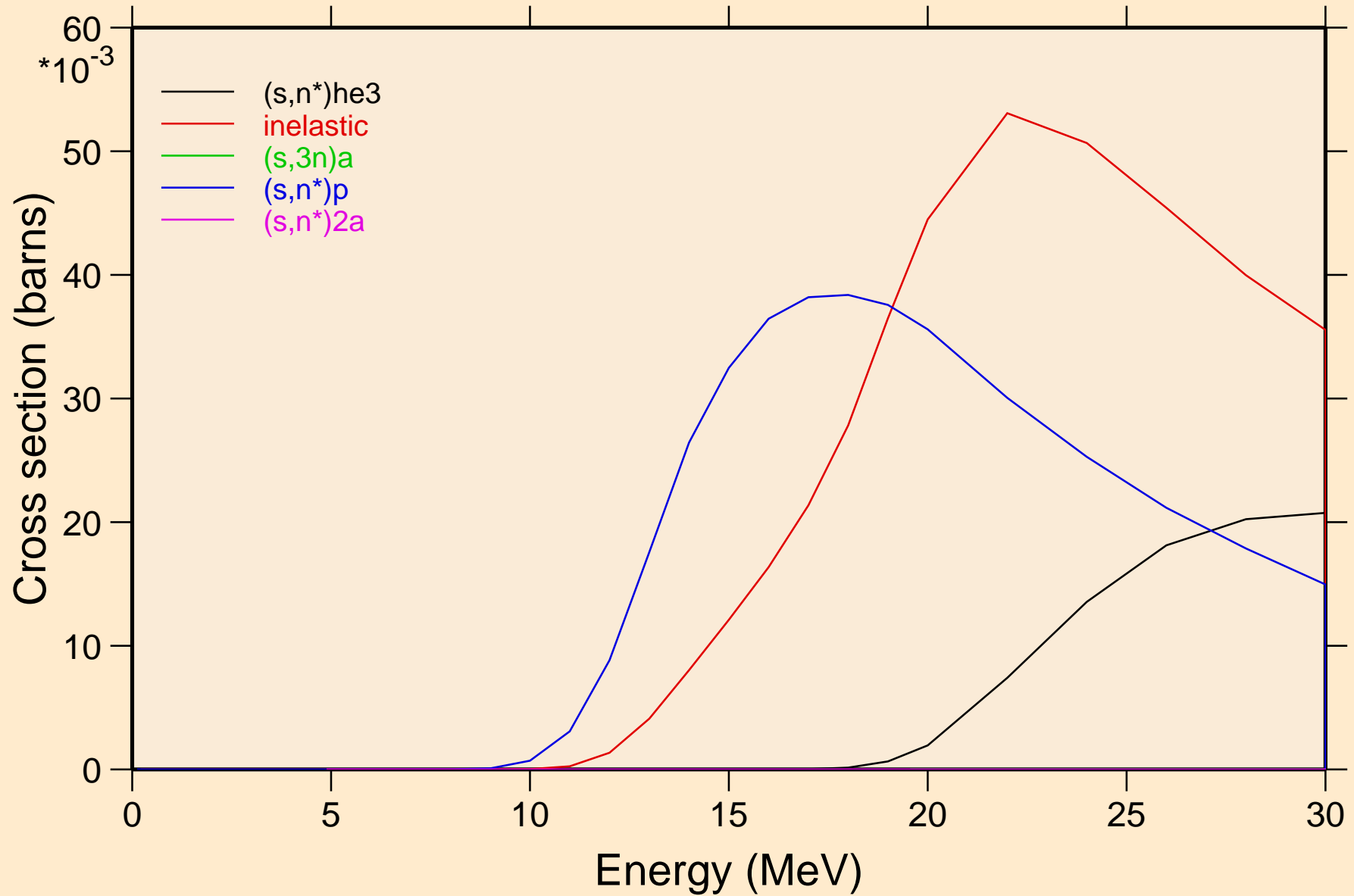
## Threshold reactions



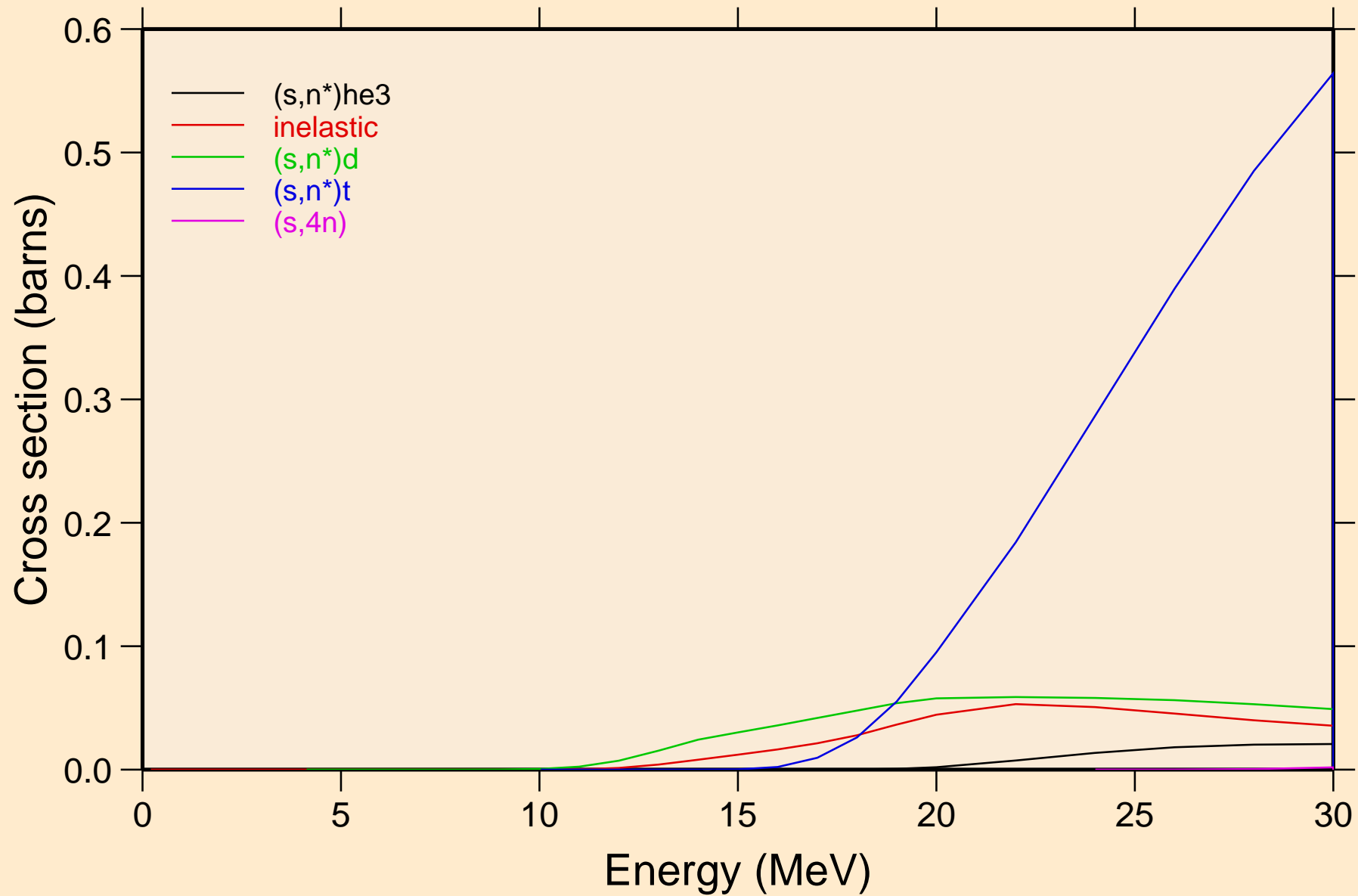
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

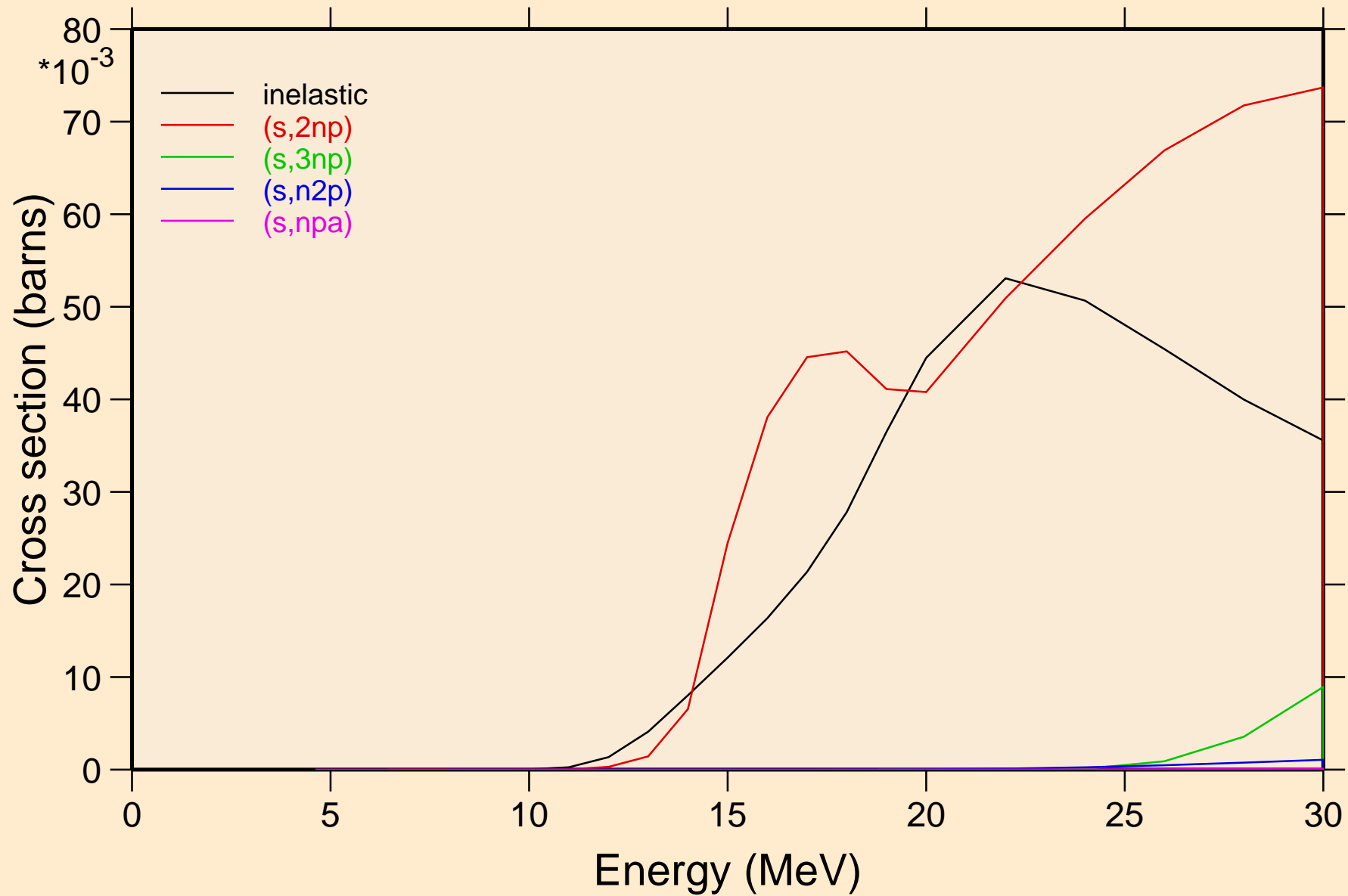


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

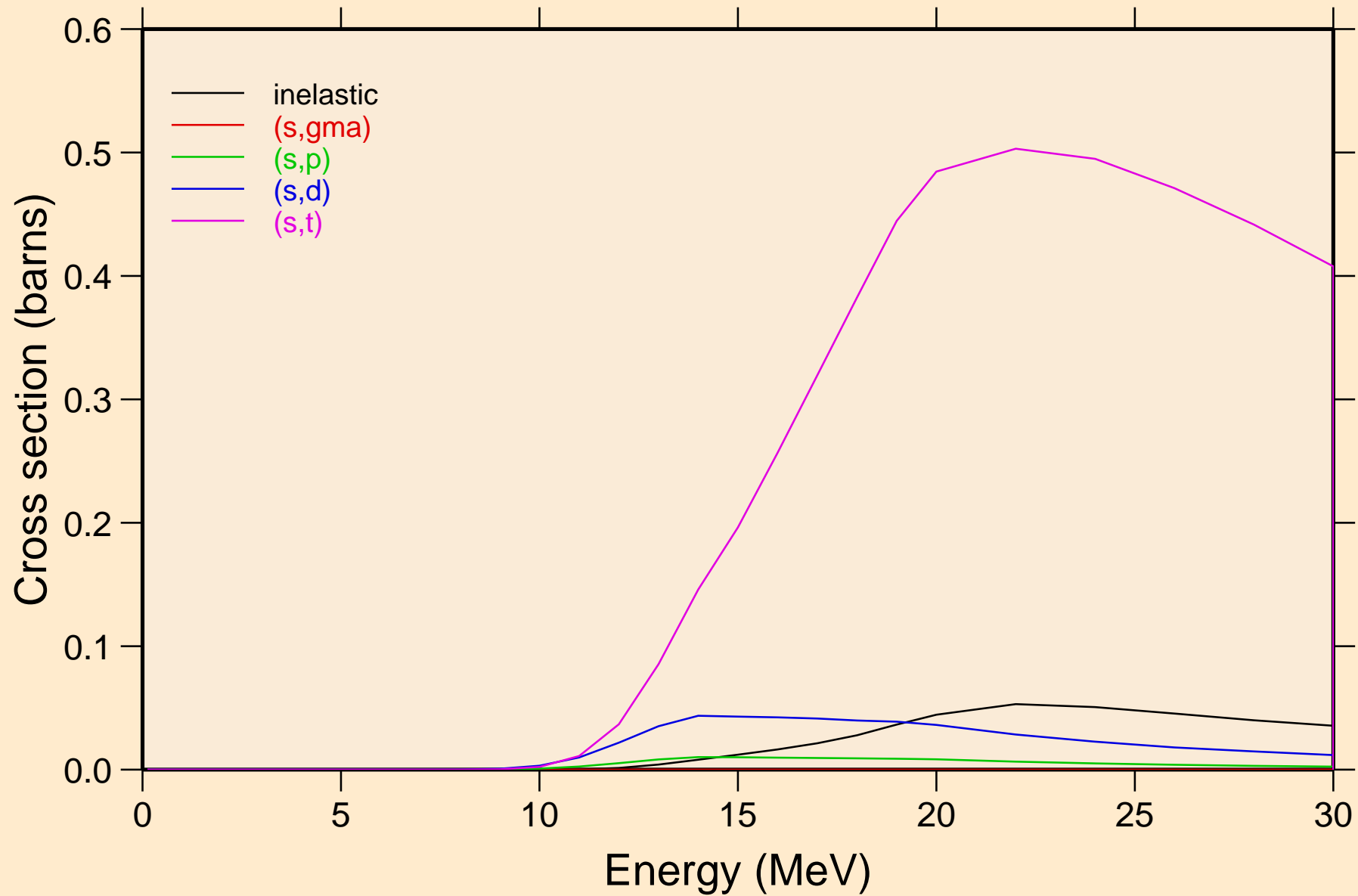




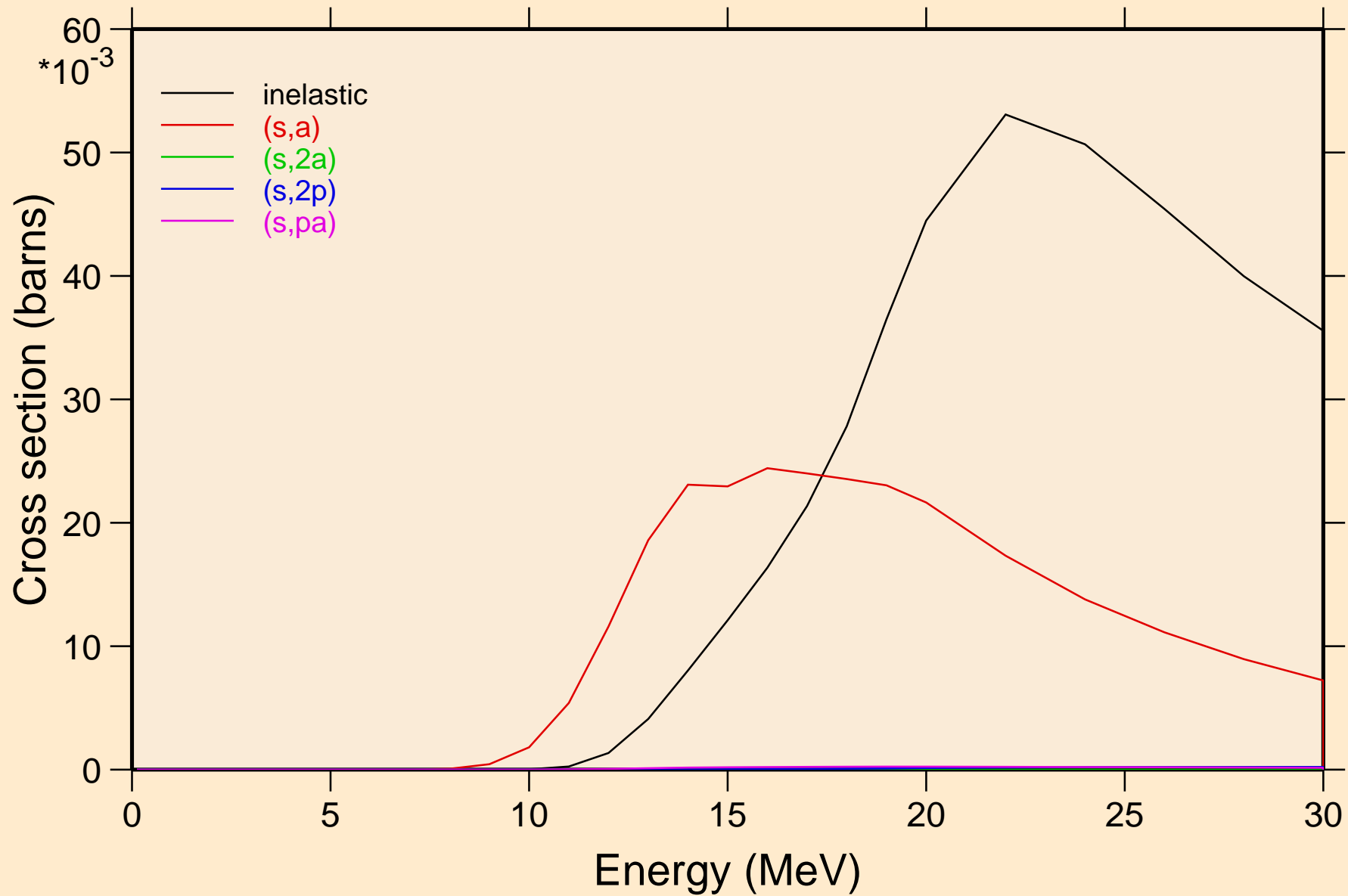
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Threshold reactions



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

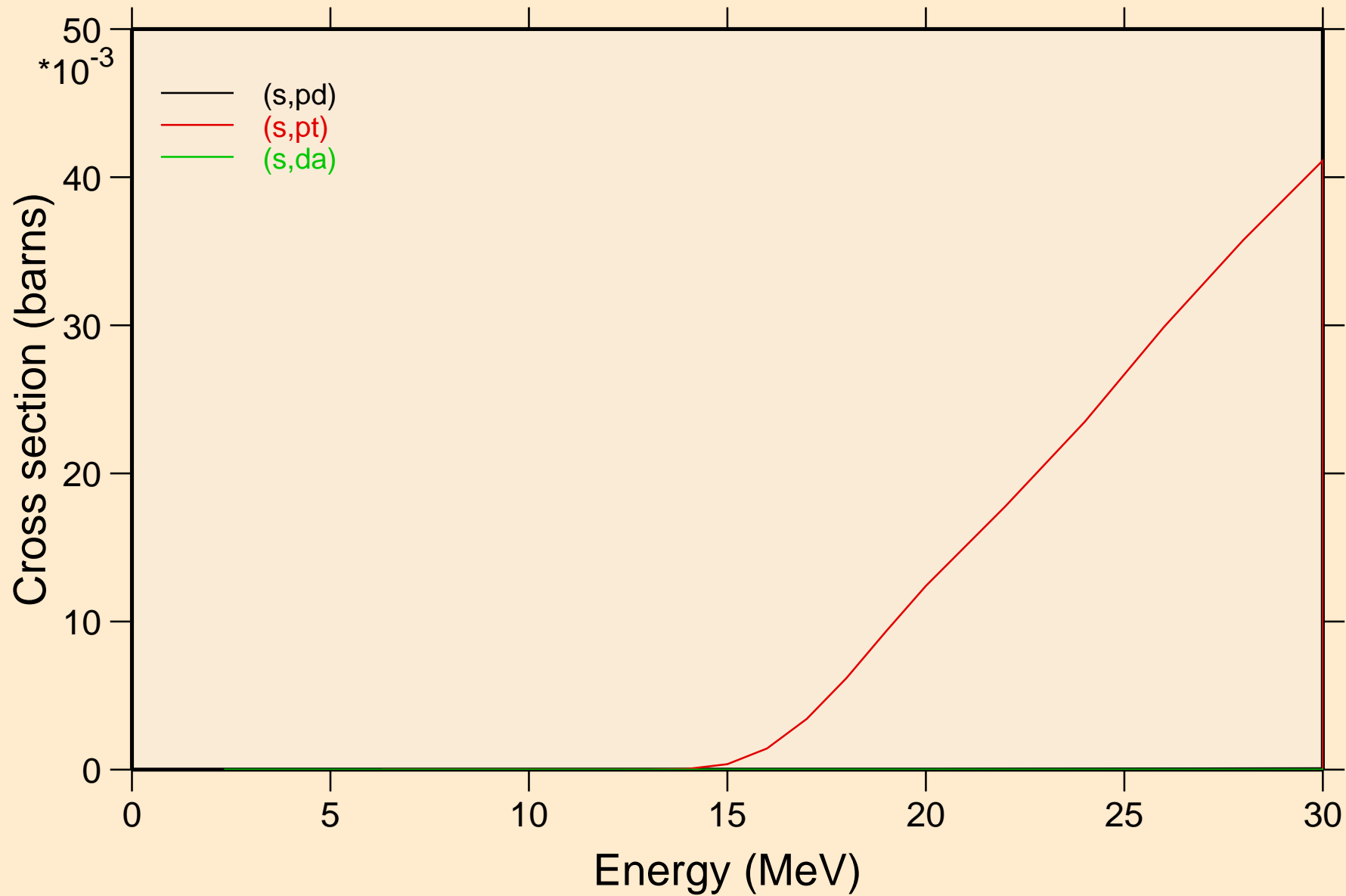


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Threshold reactions

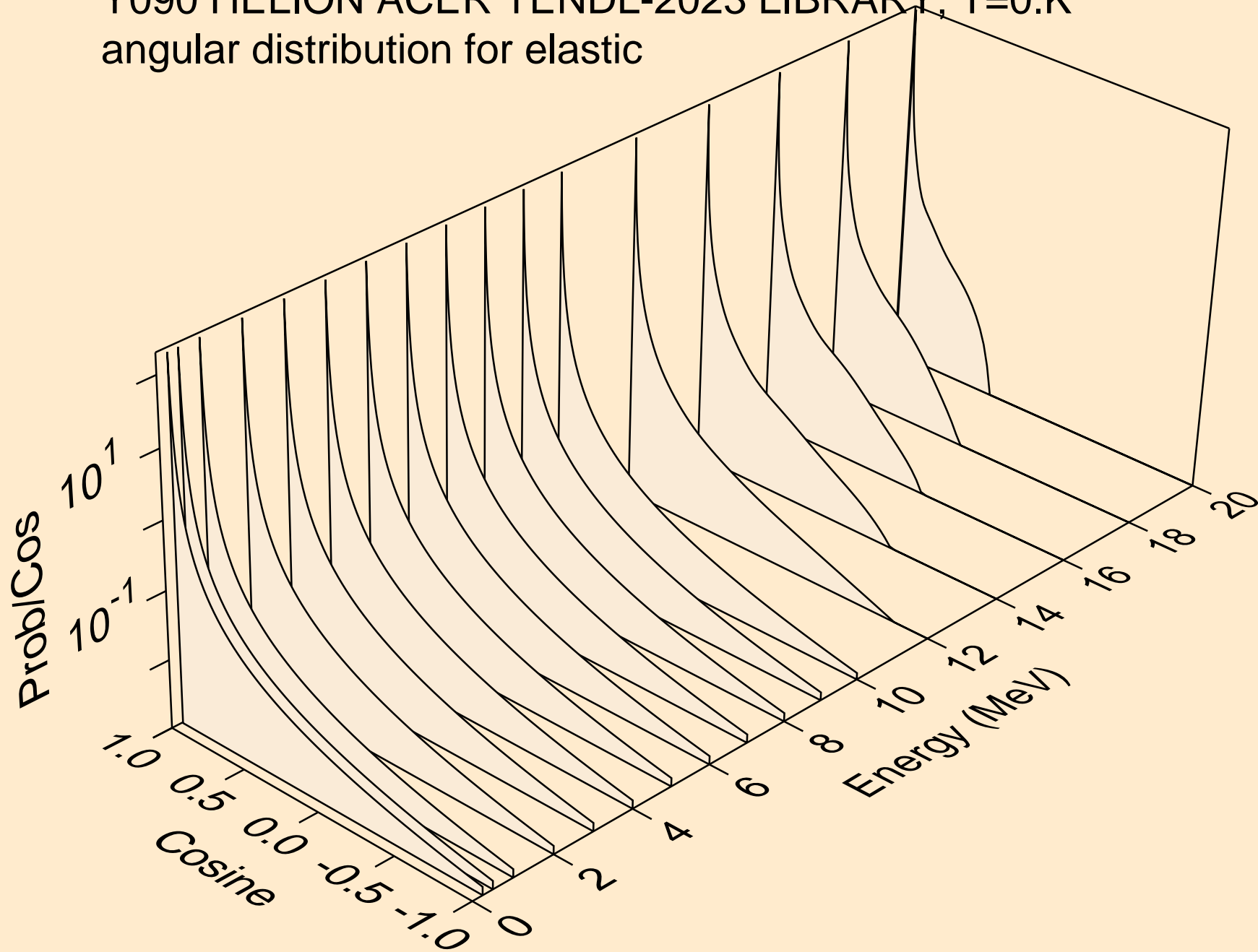


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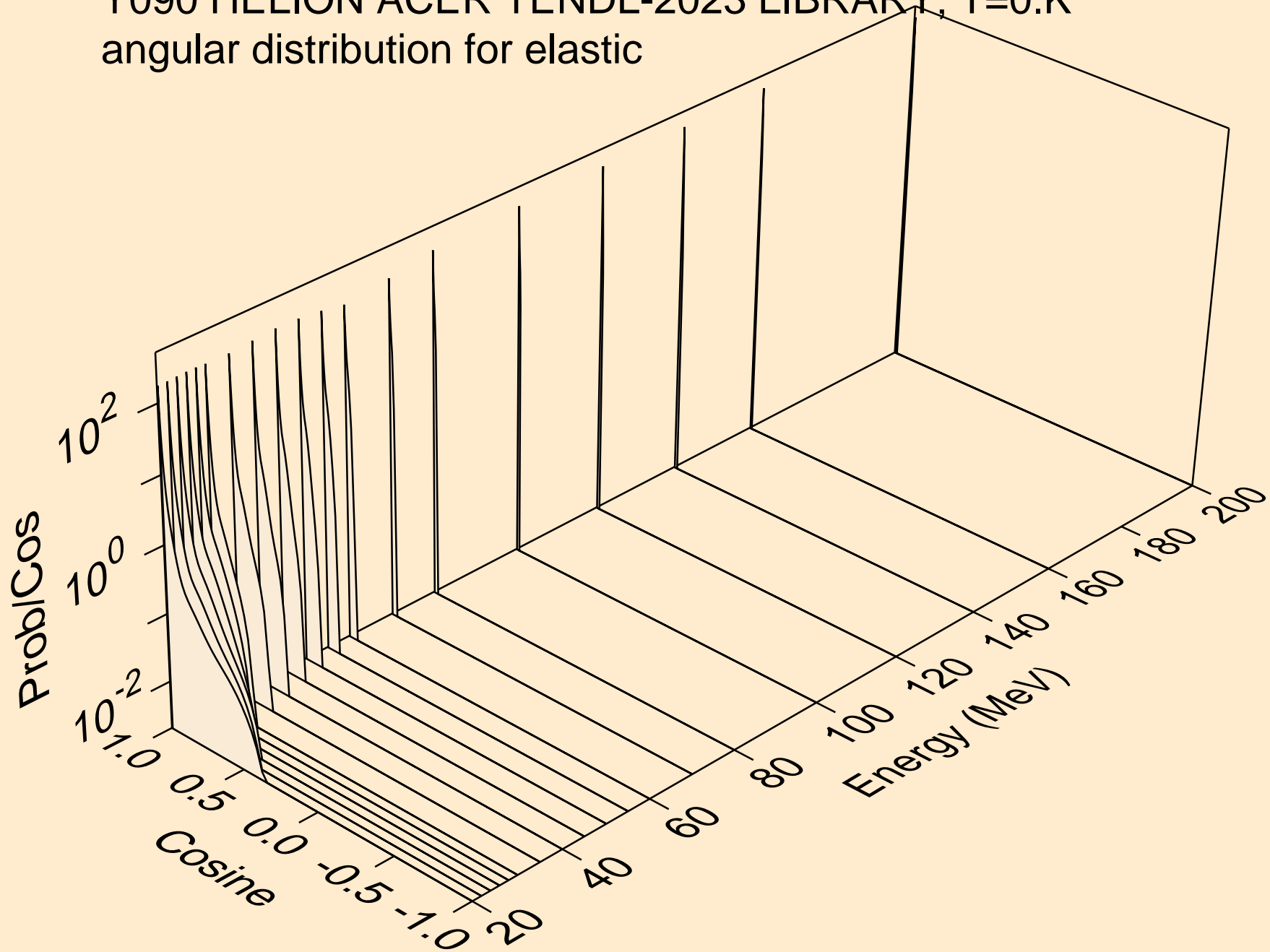
## Threshold reactions



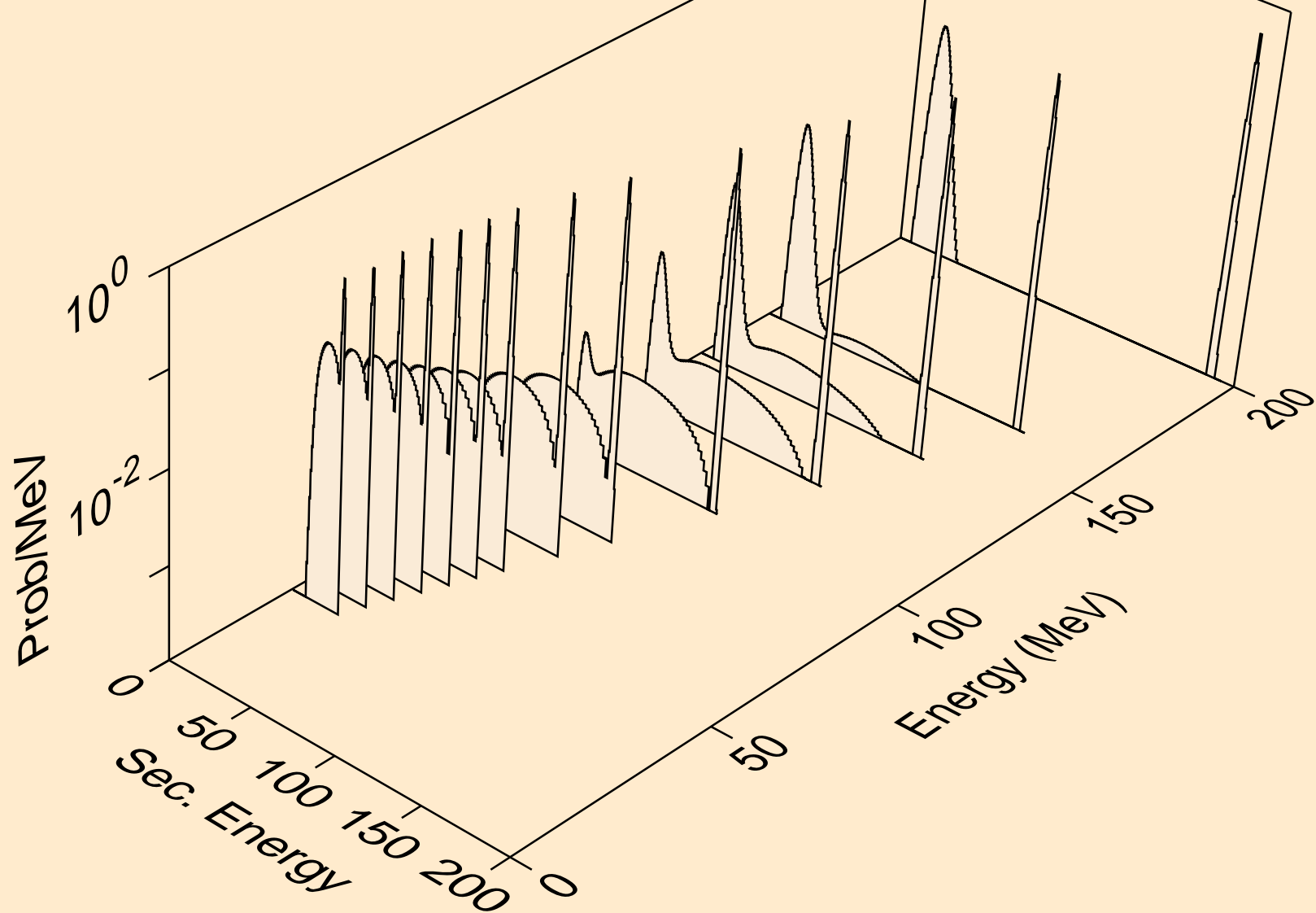
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



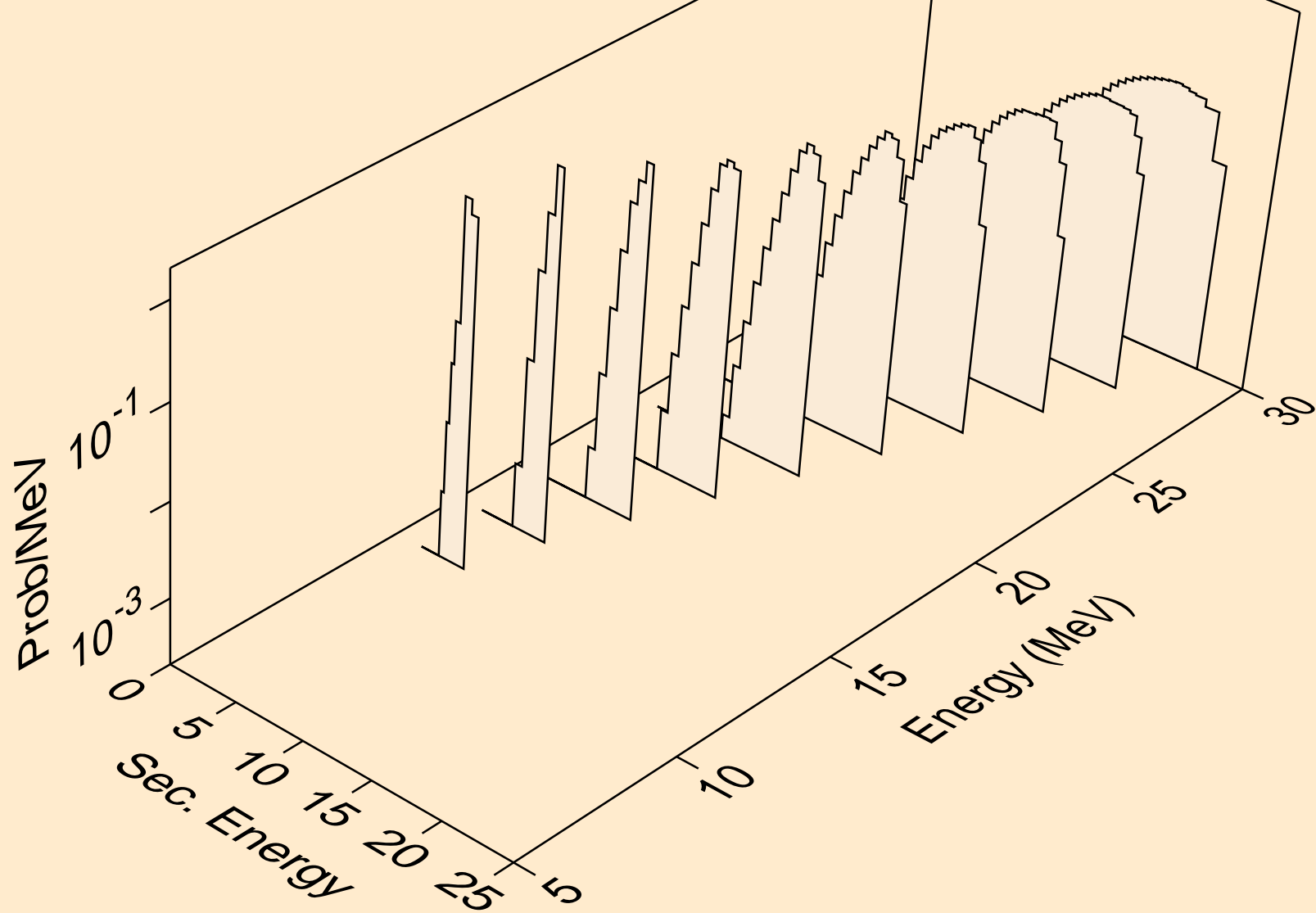
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

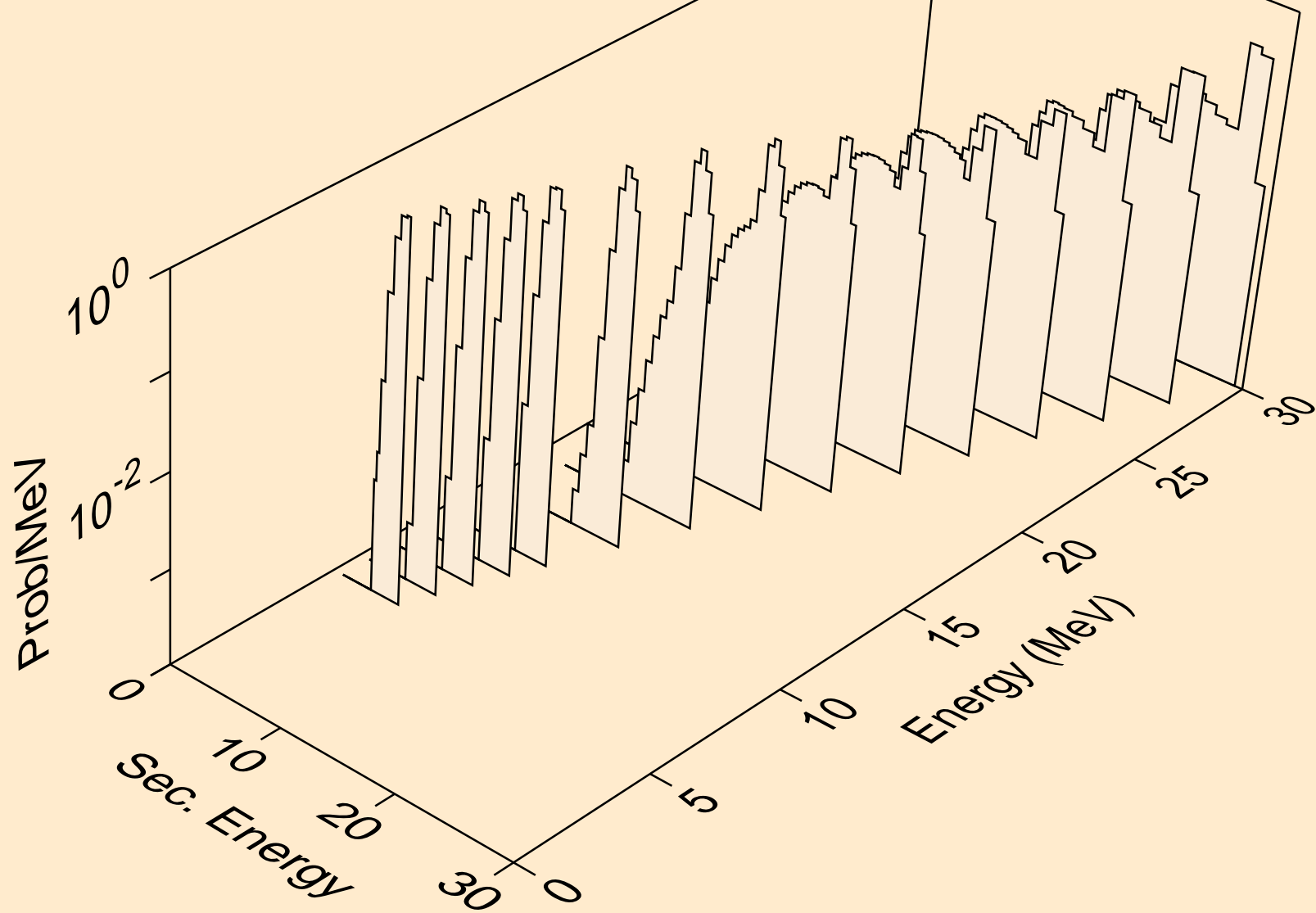


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

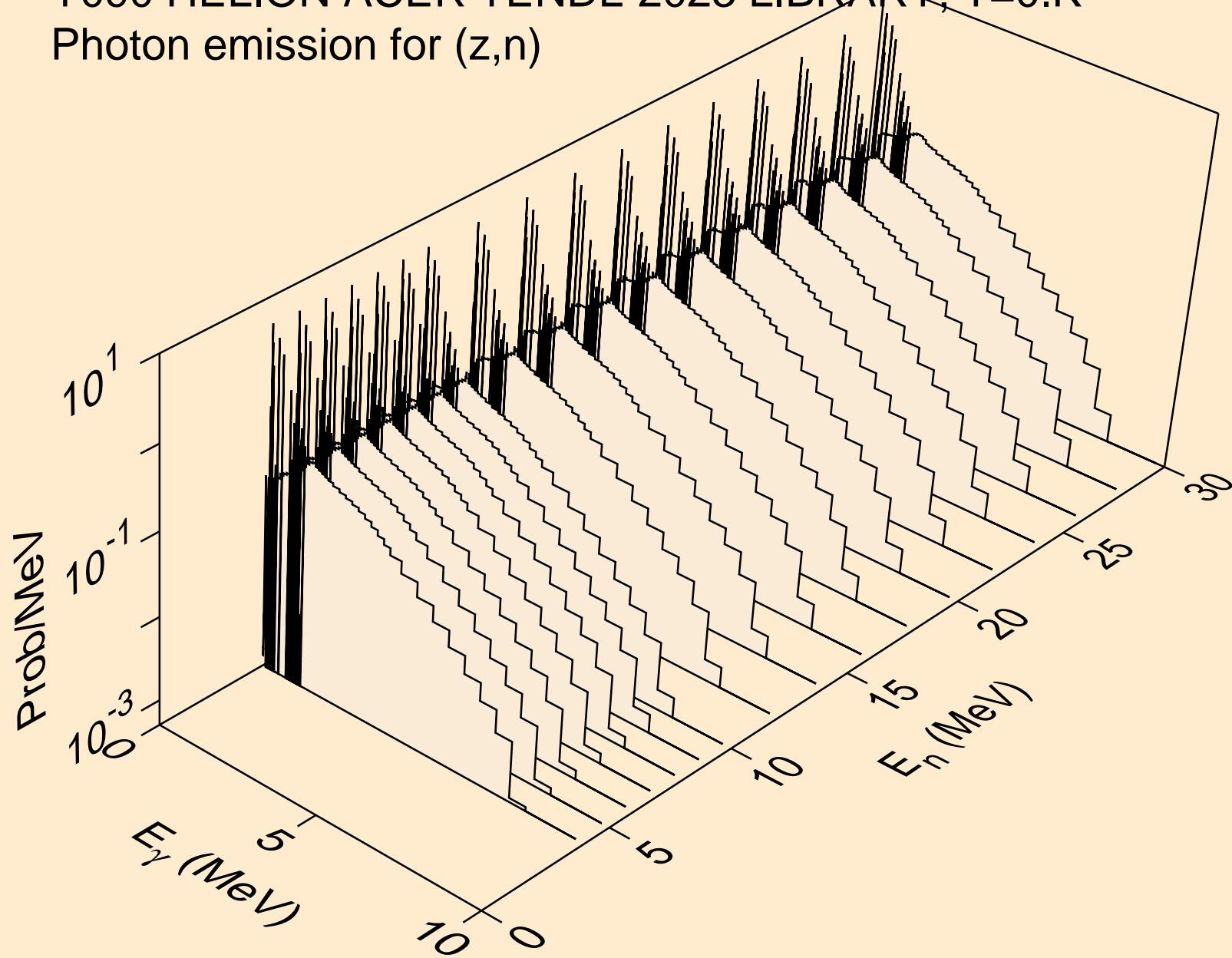




Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

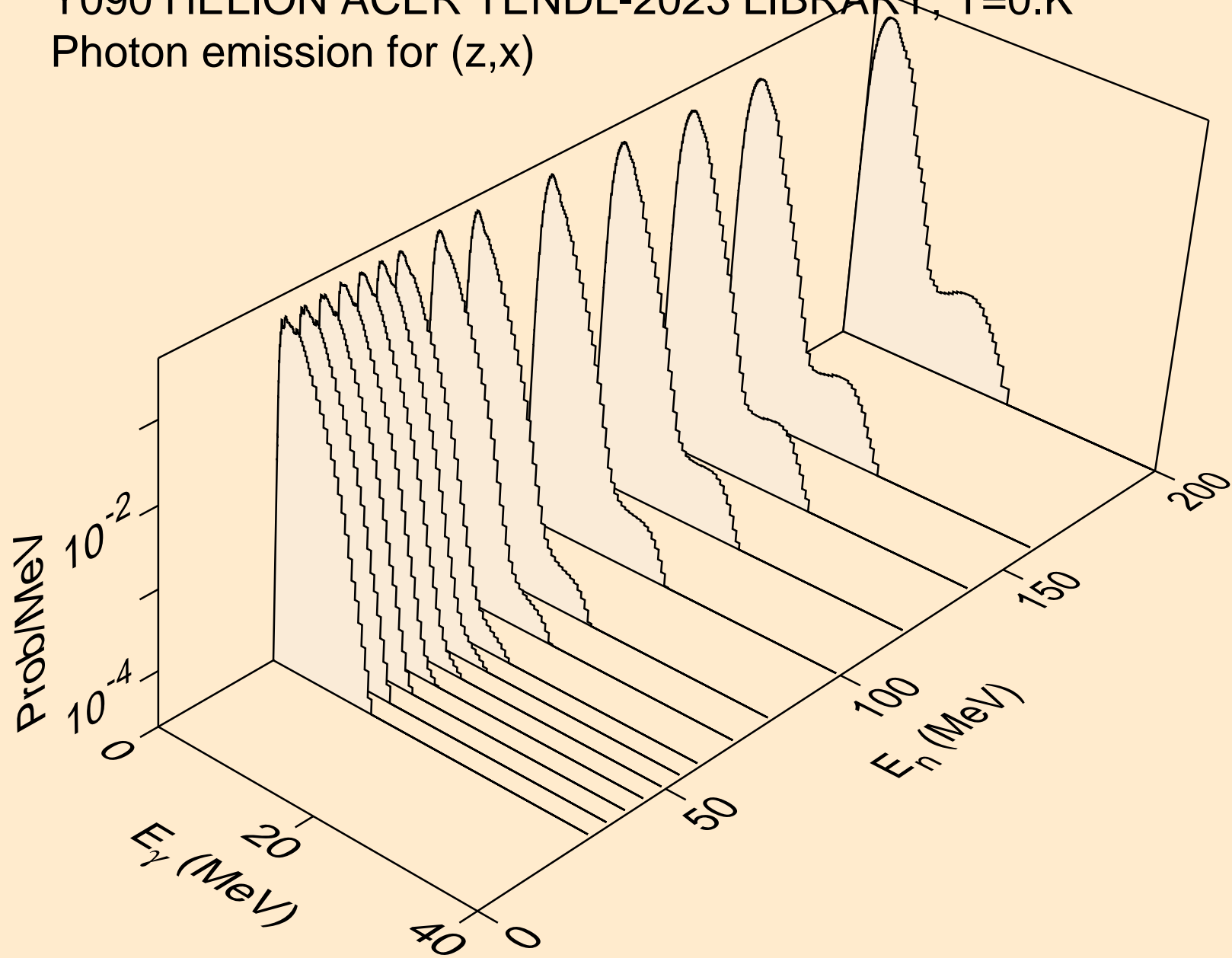


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

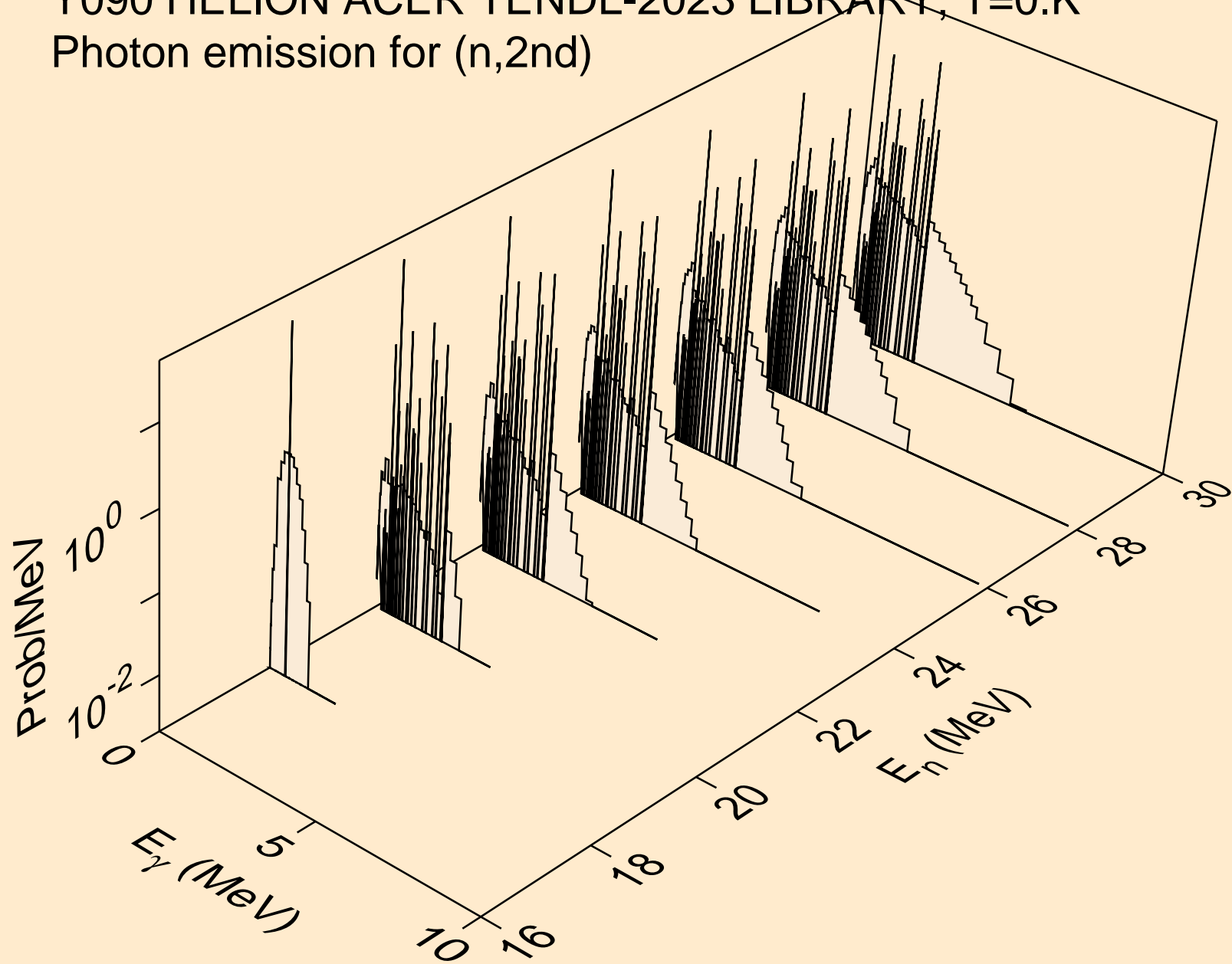


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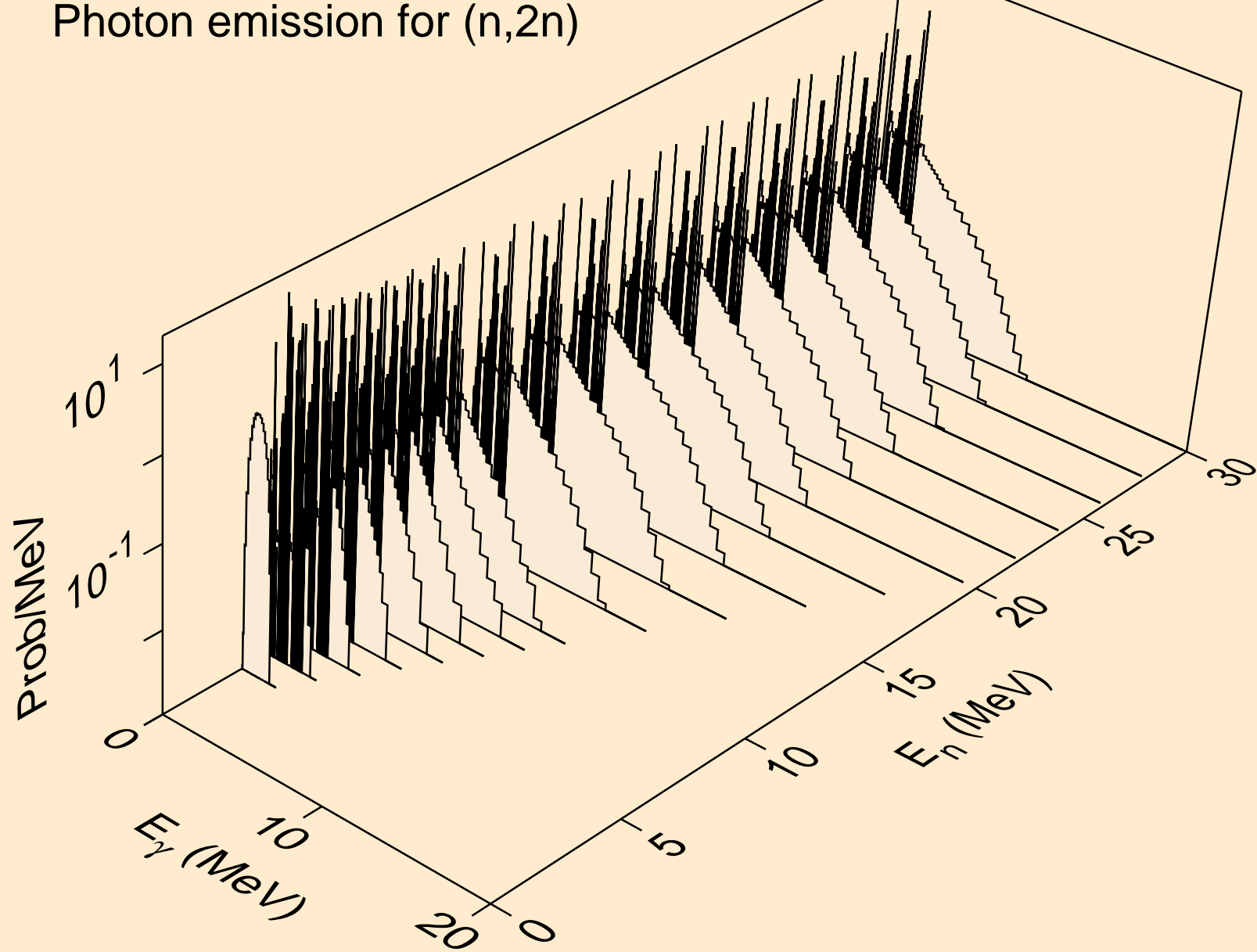
Photon emission for (z,x)



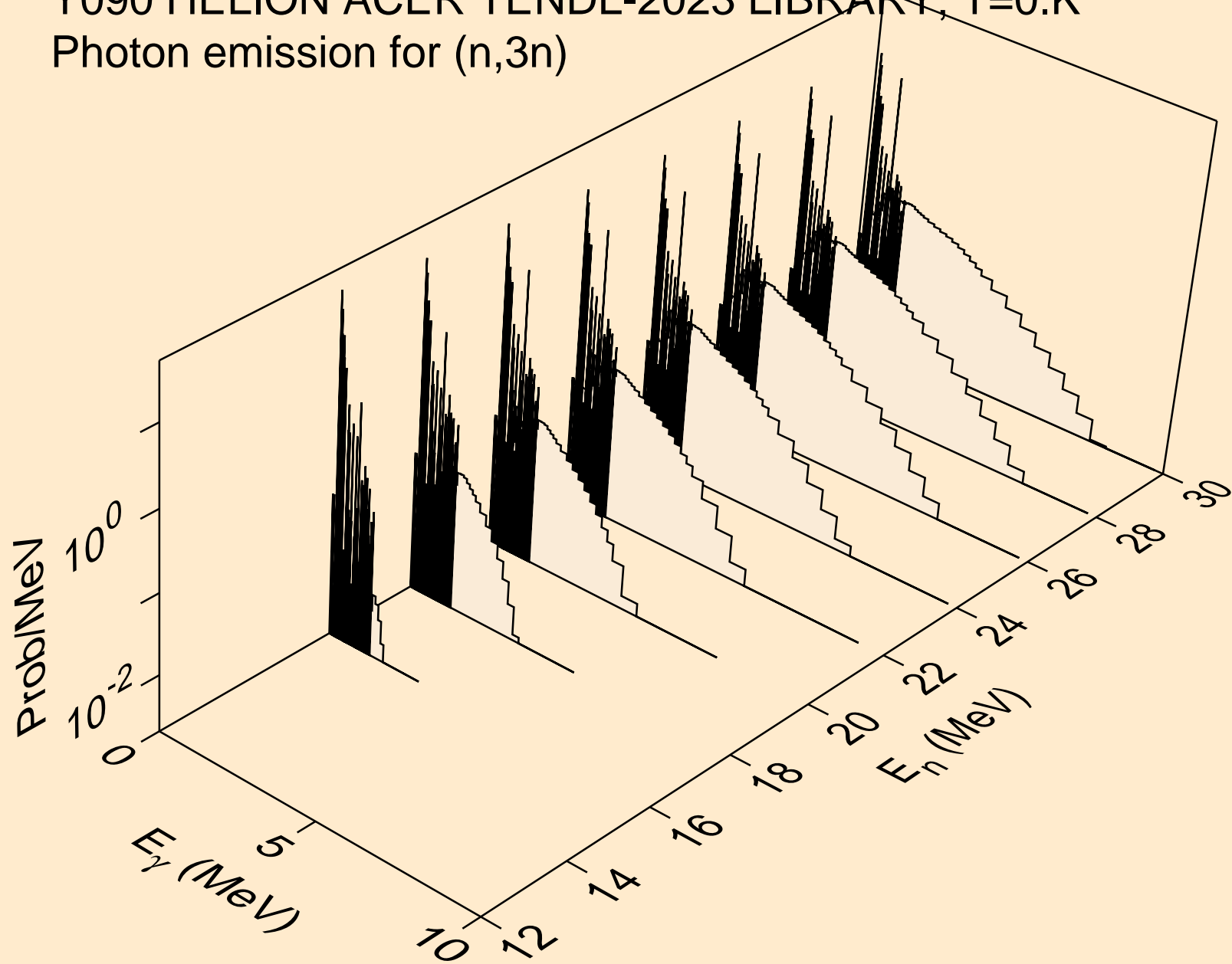
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



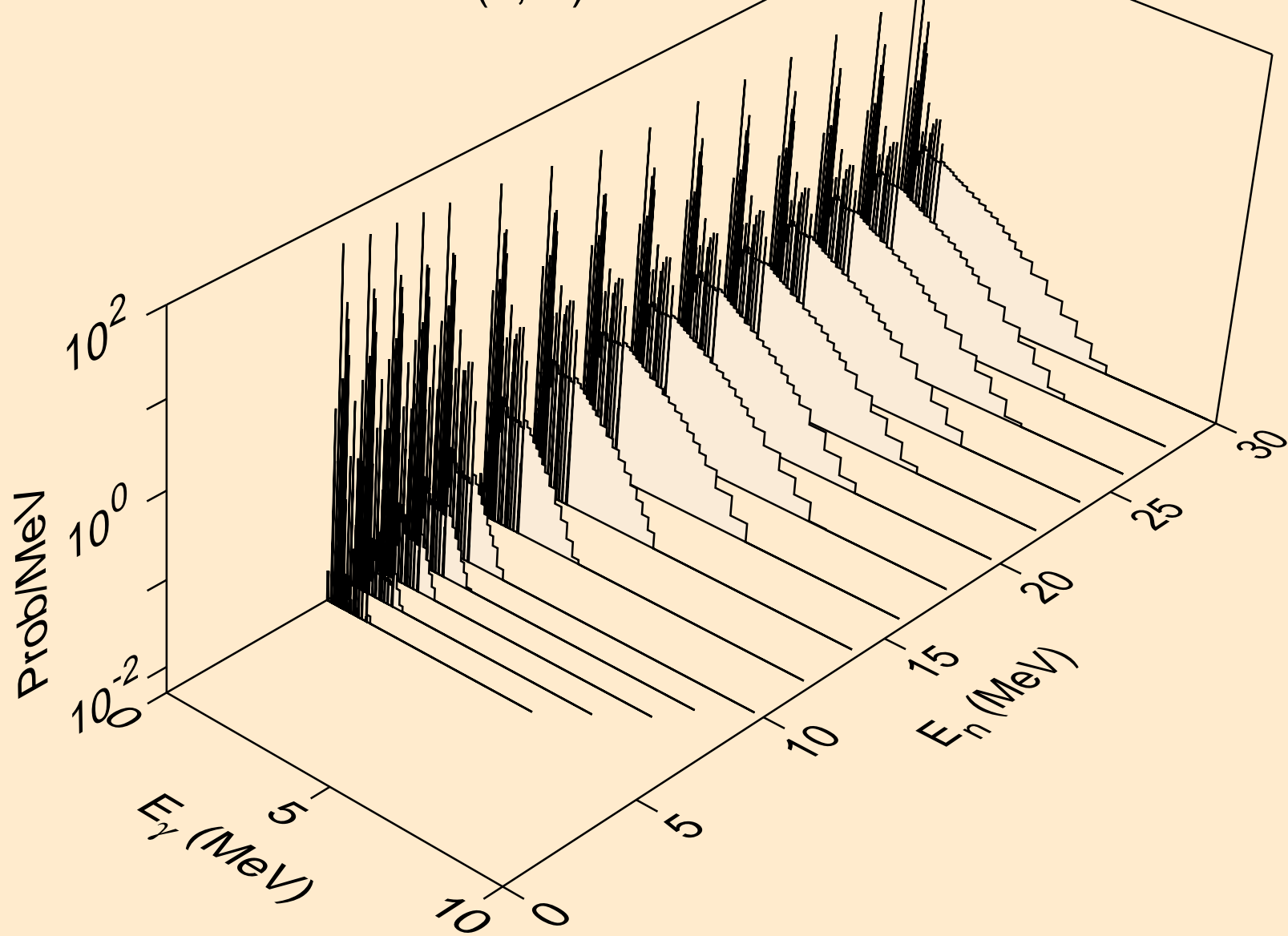
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



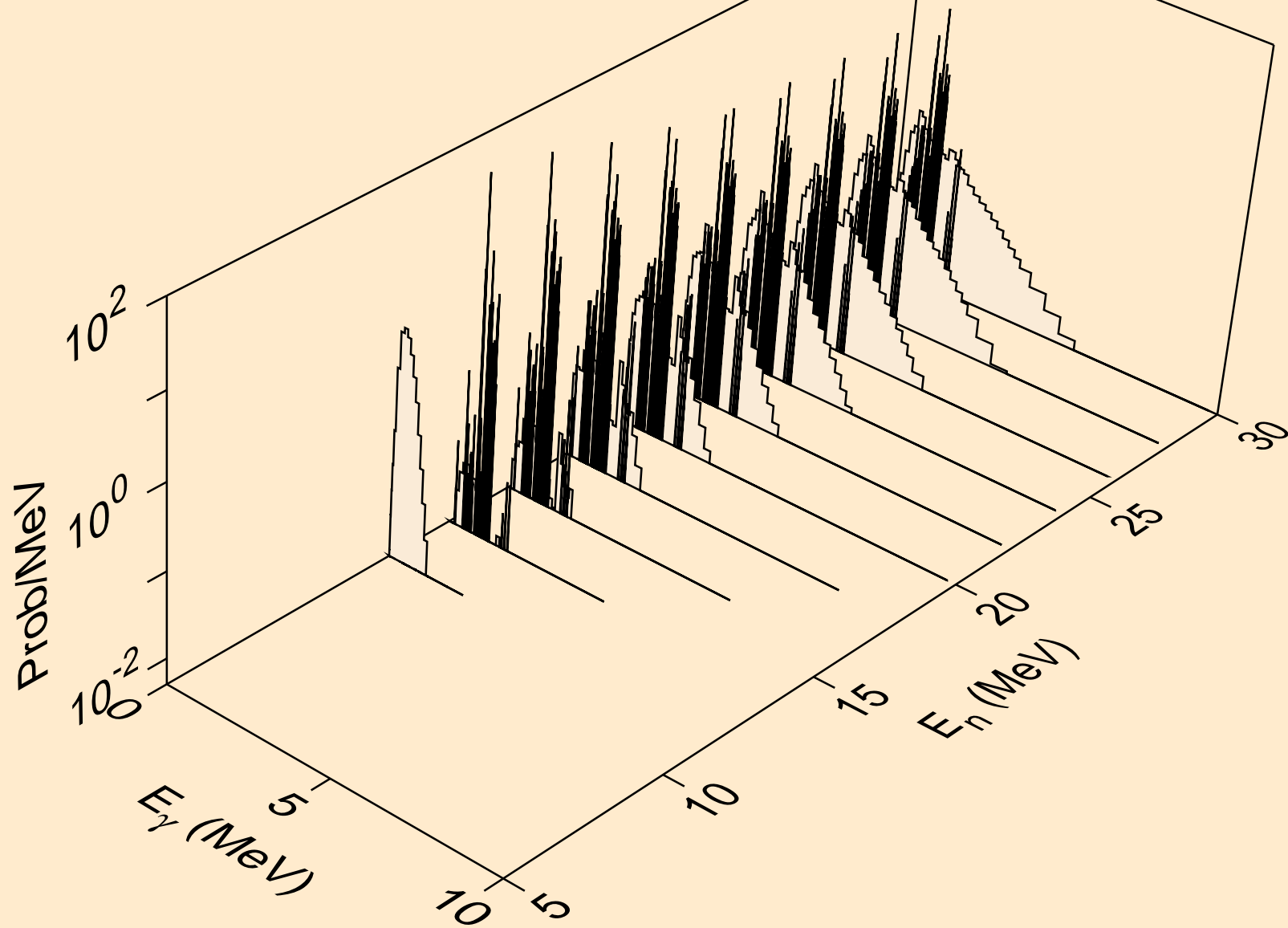
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

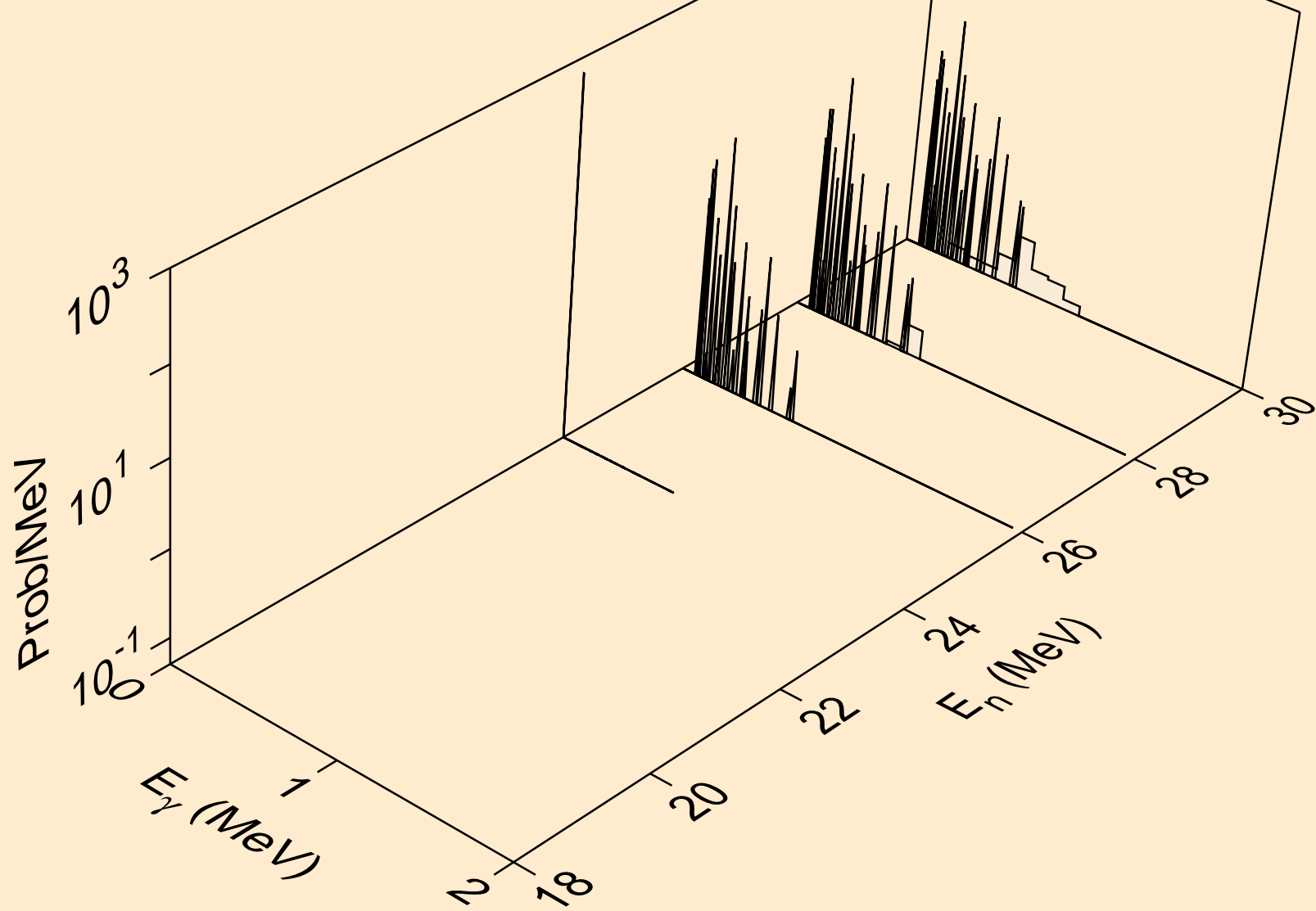


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



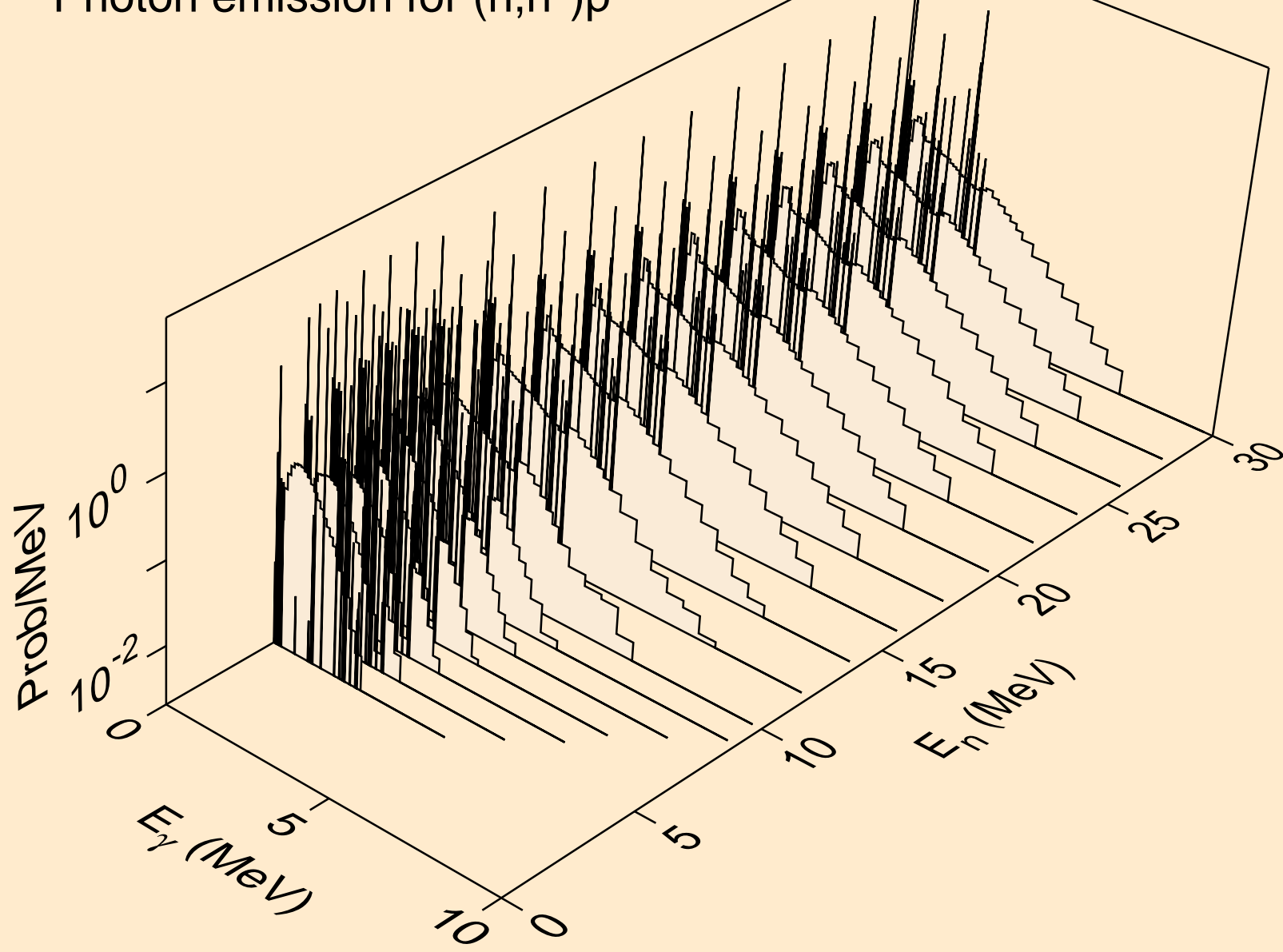


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Photon emission for (n,3n)a

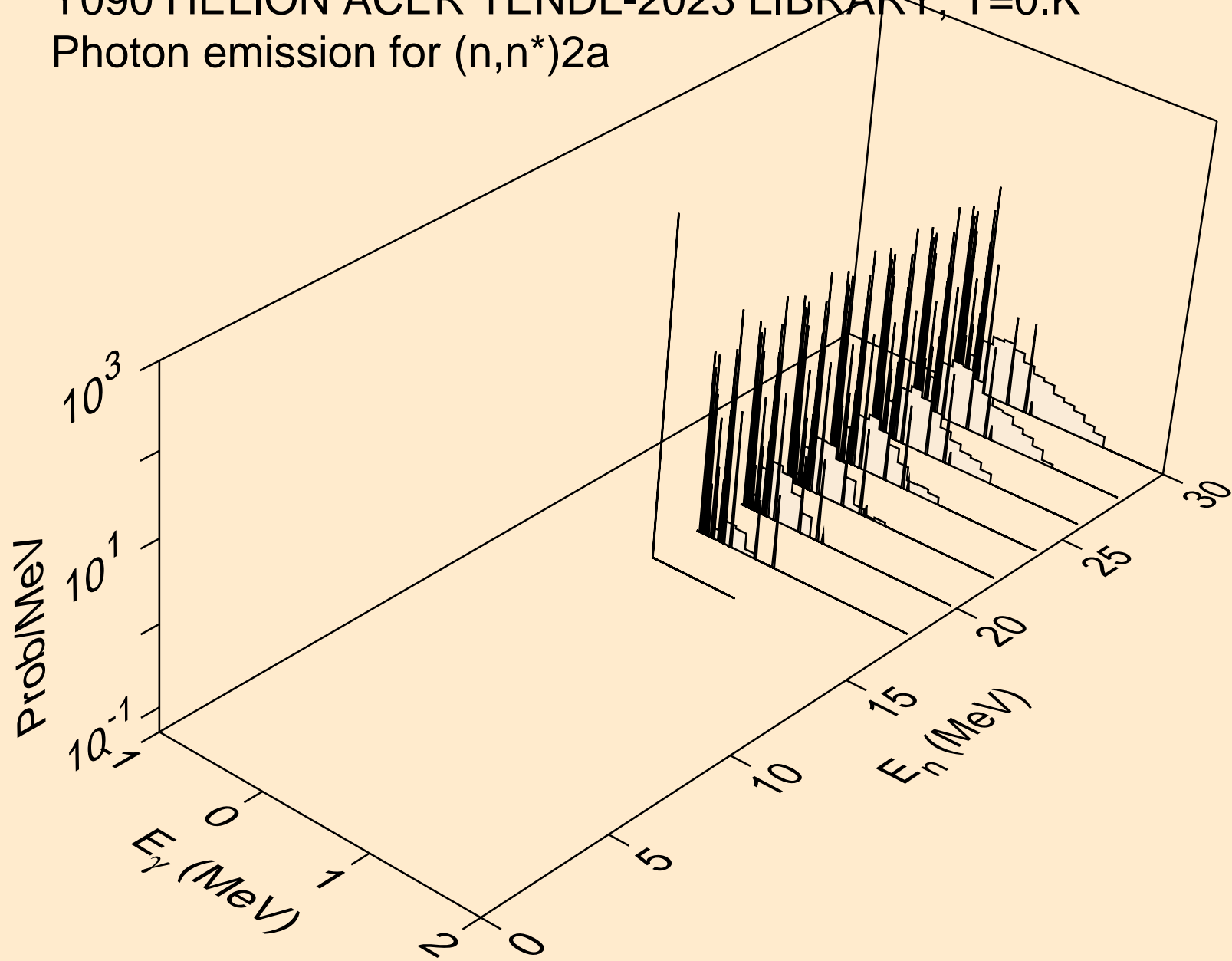


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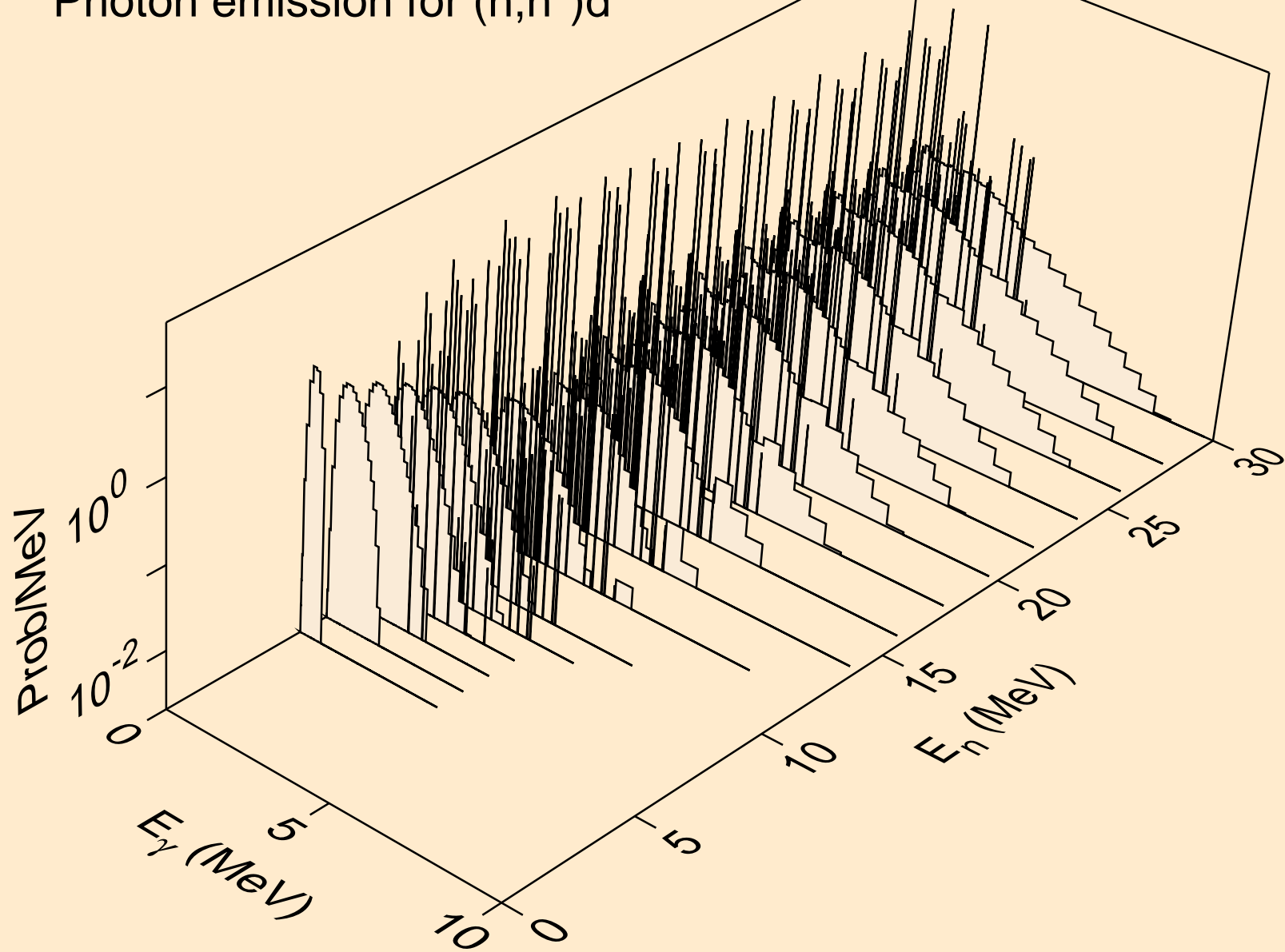
Photon emission for (n,n\*)p



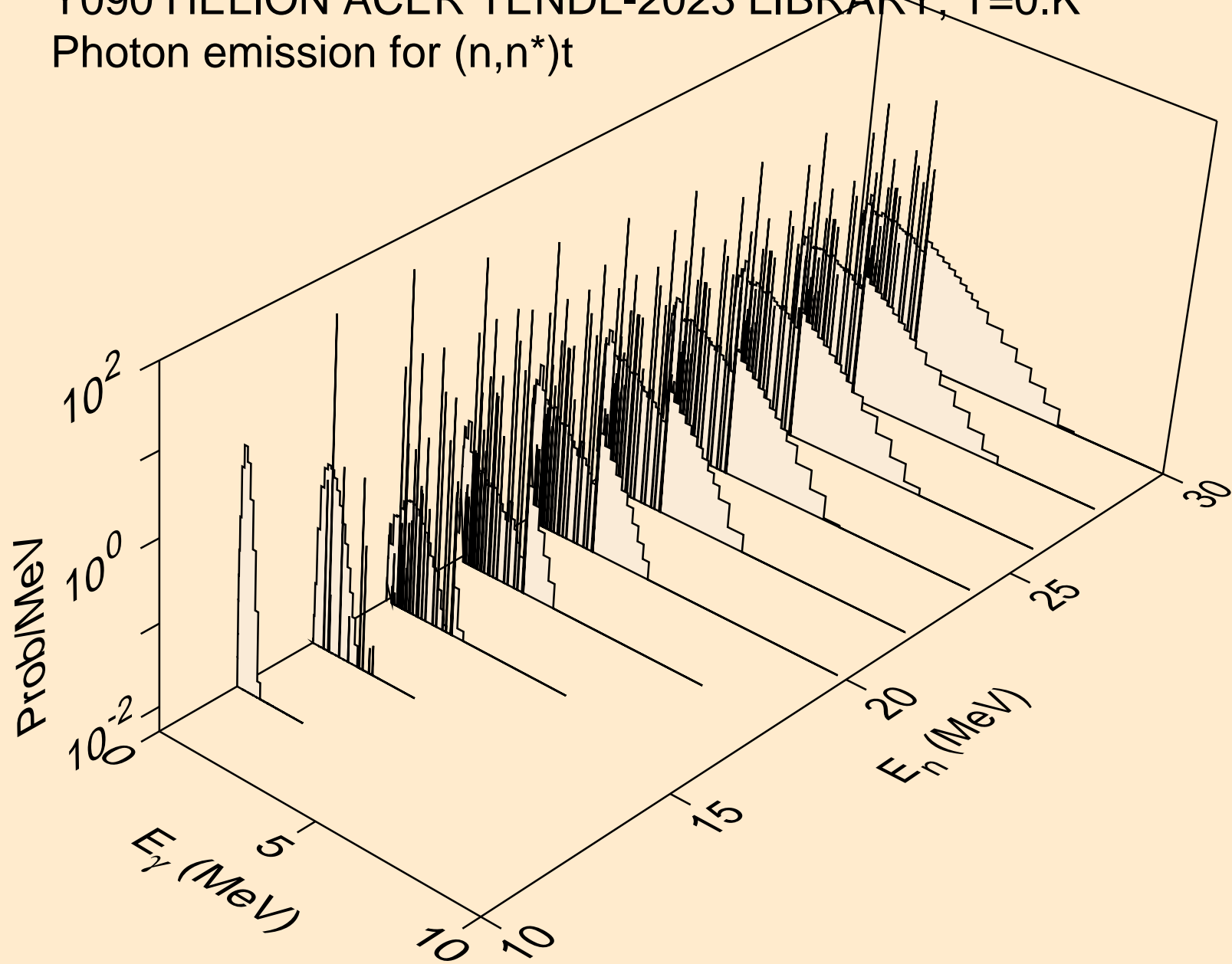
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Photon emission for (n,n\*)2a



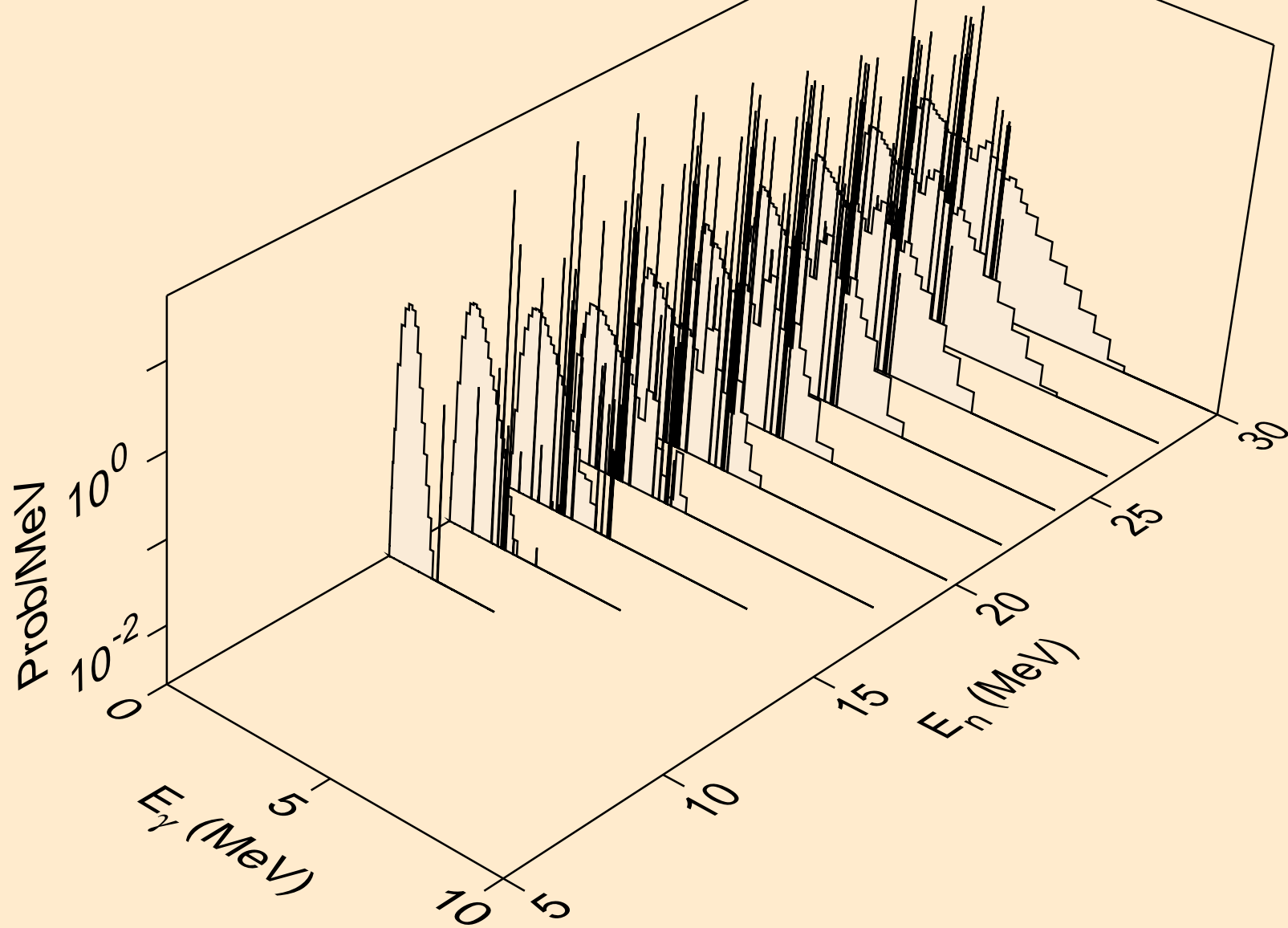
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



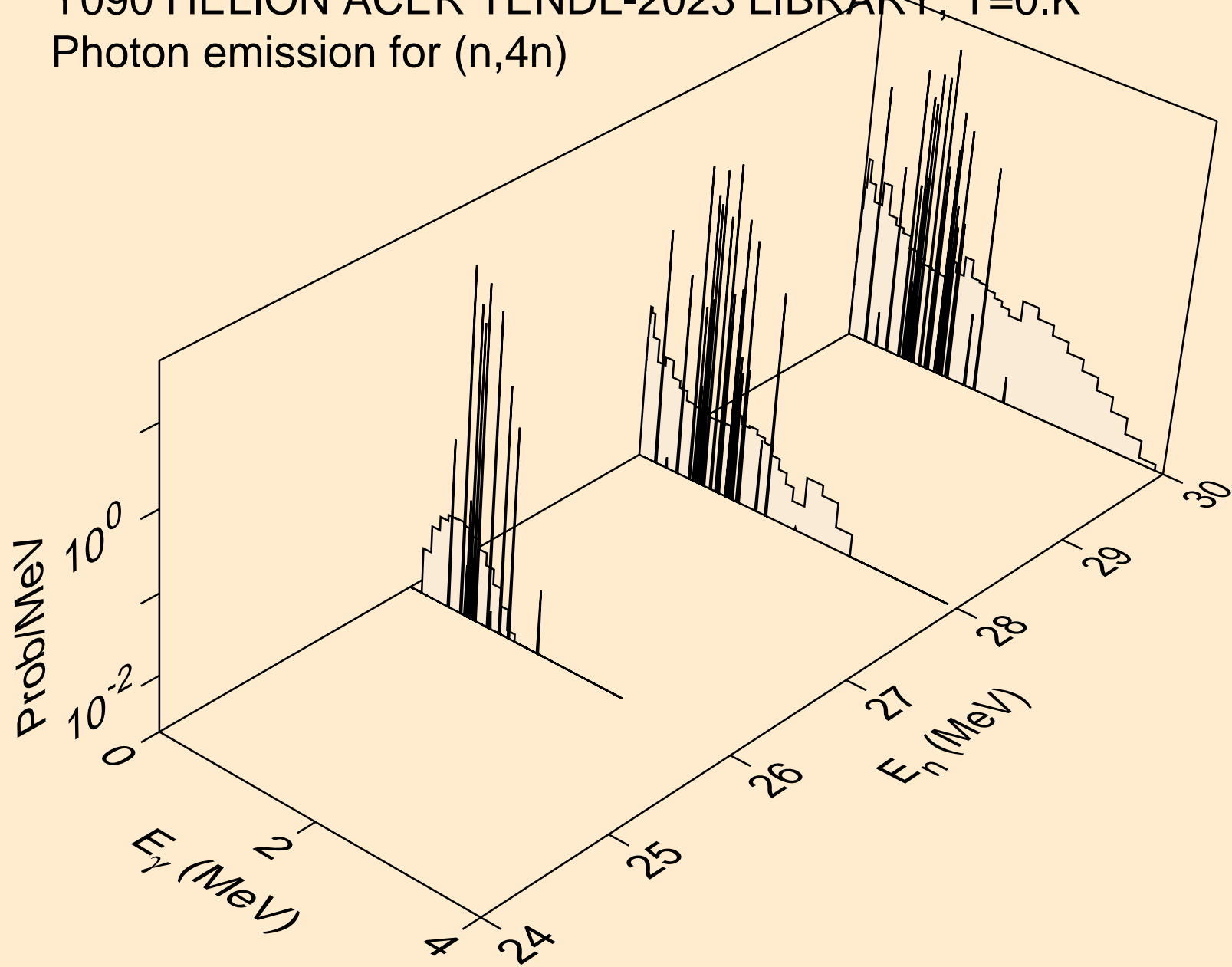
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



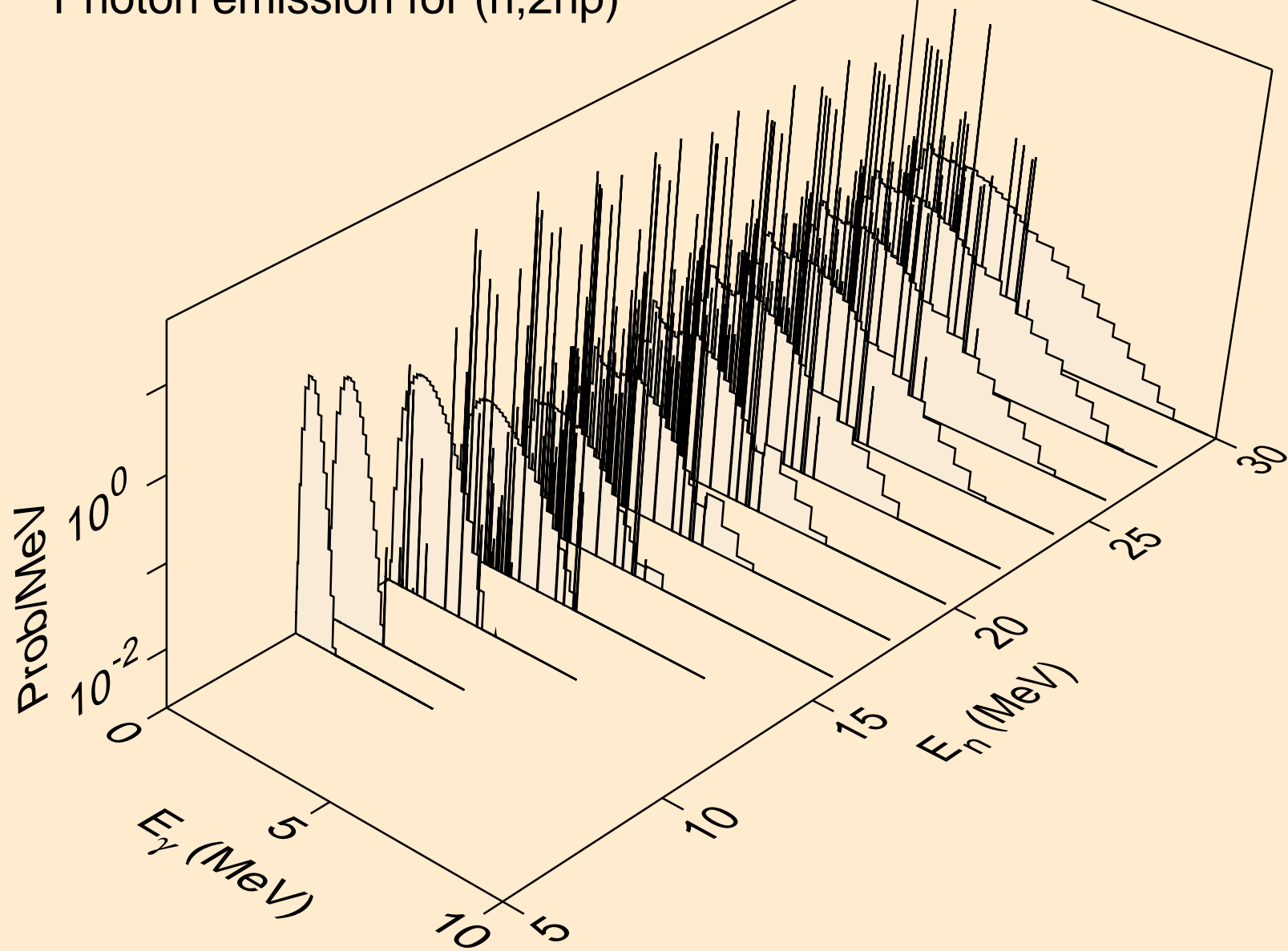
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

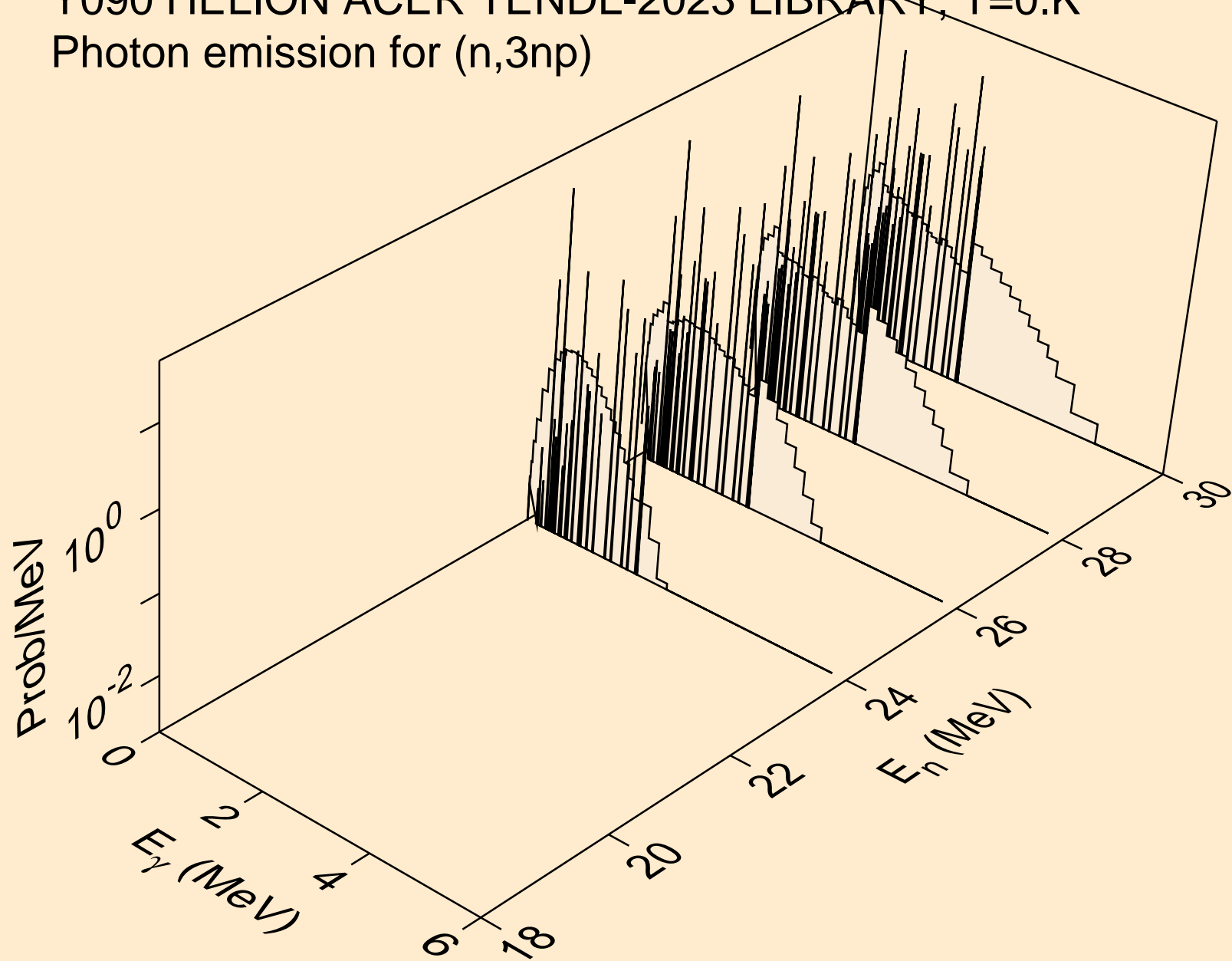


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Photon emission for (n,2np)

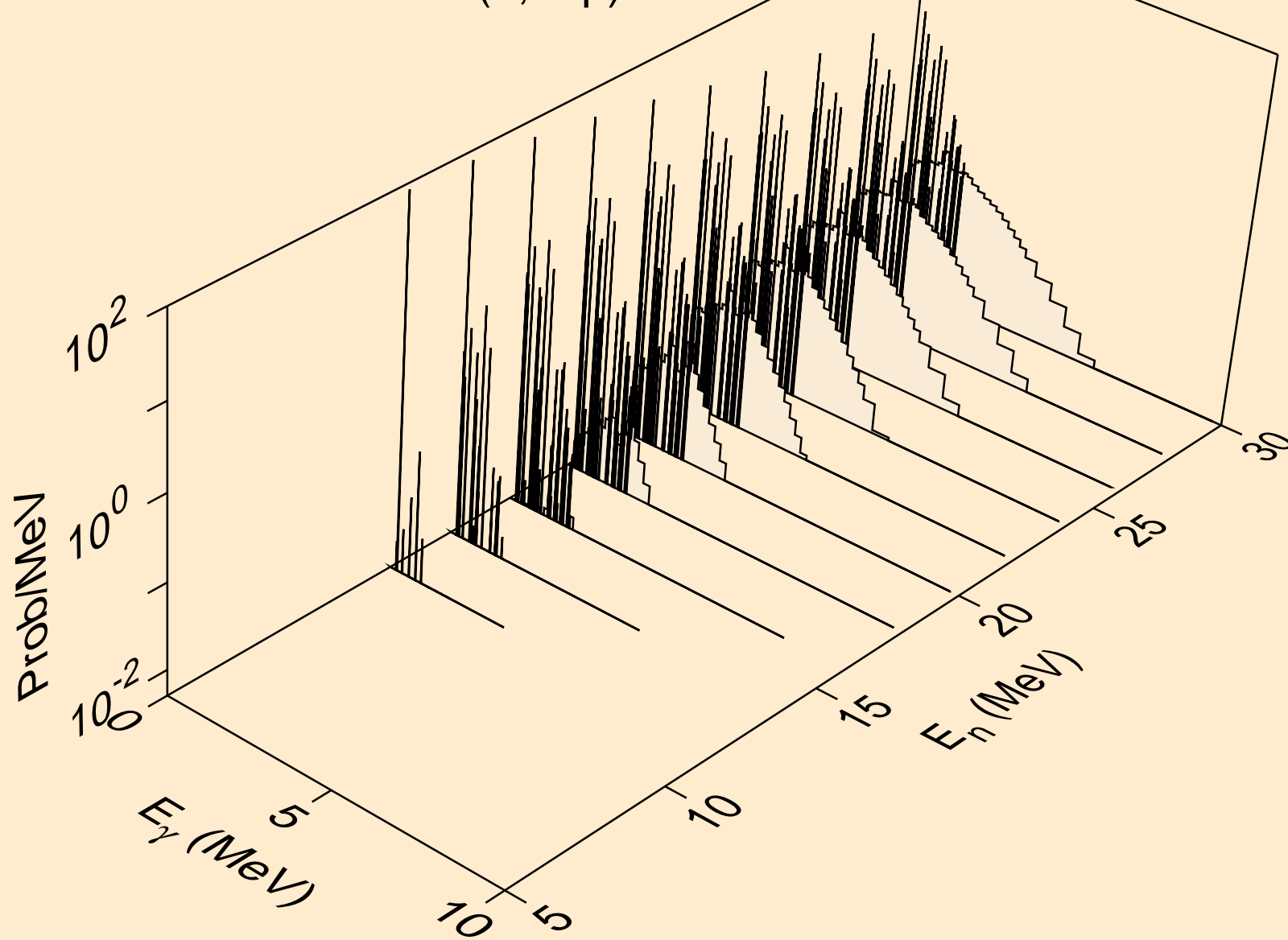




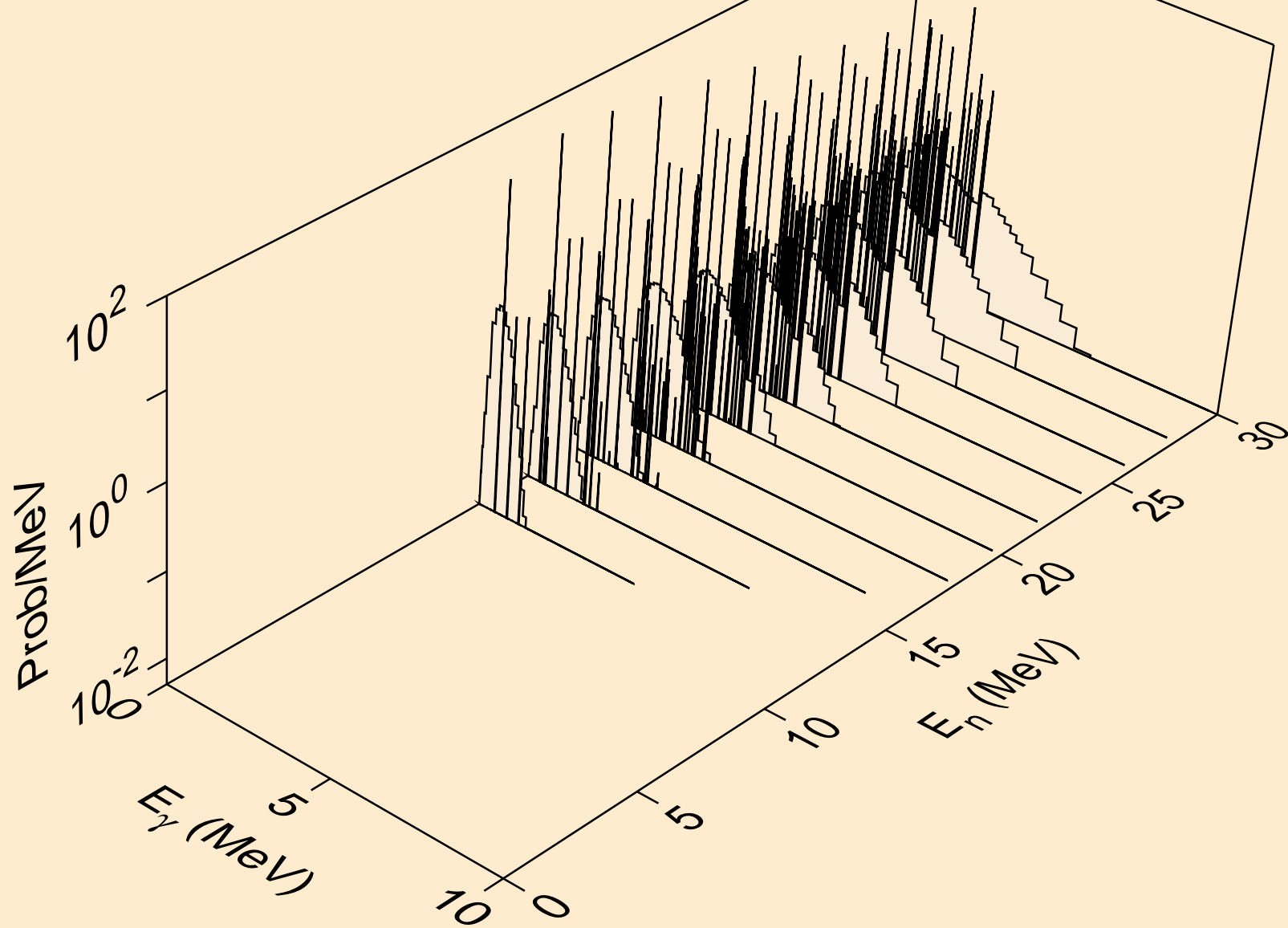
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Photon emission for (n,3np)



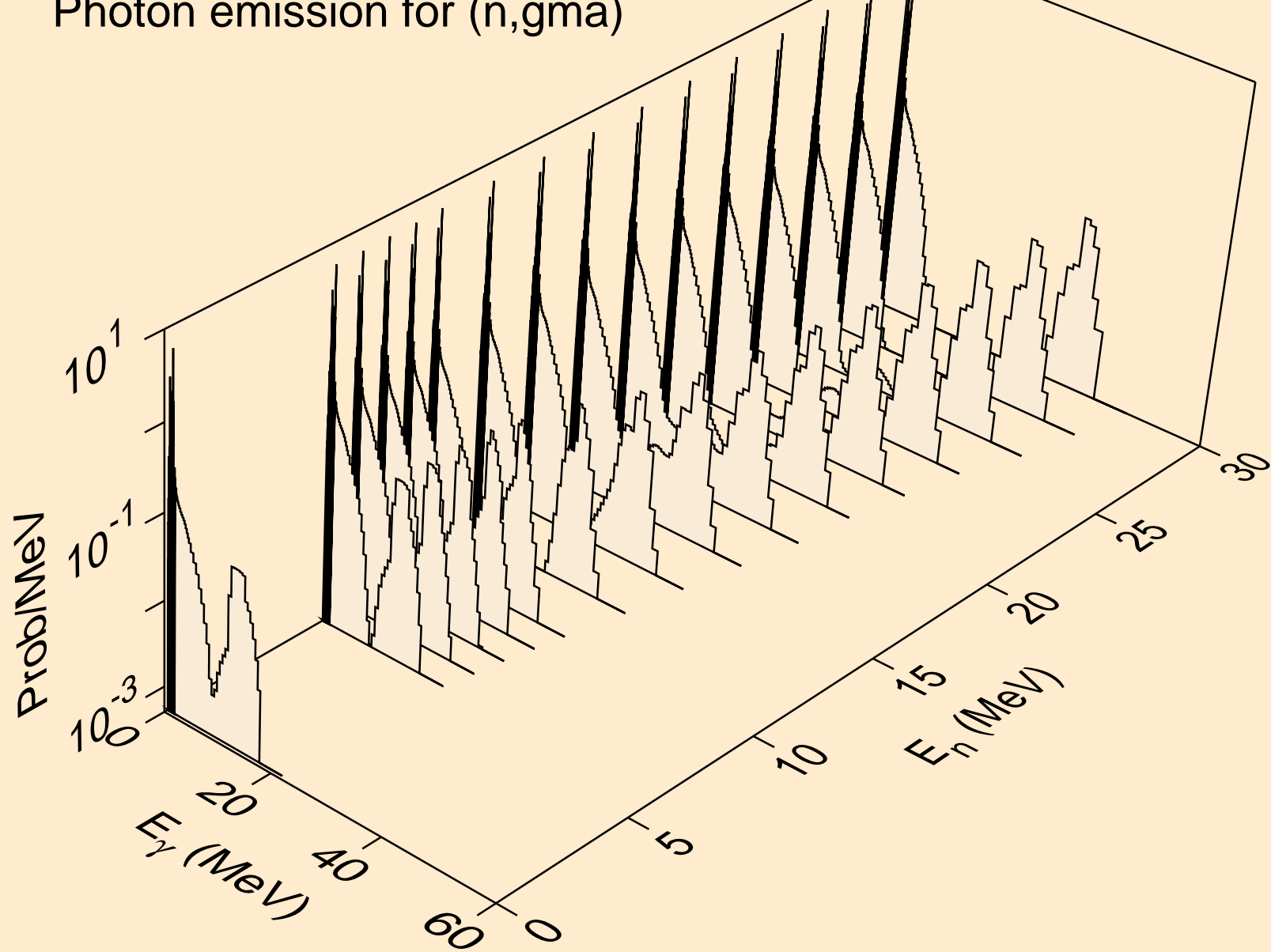
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Photon emission for (n,n2p)



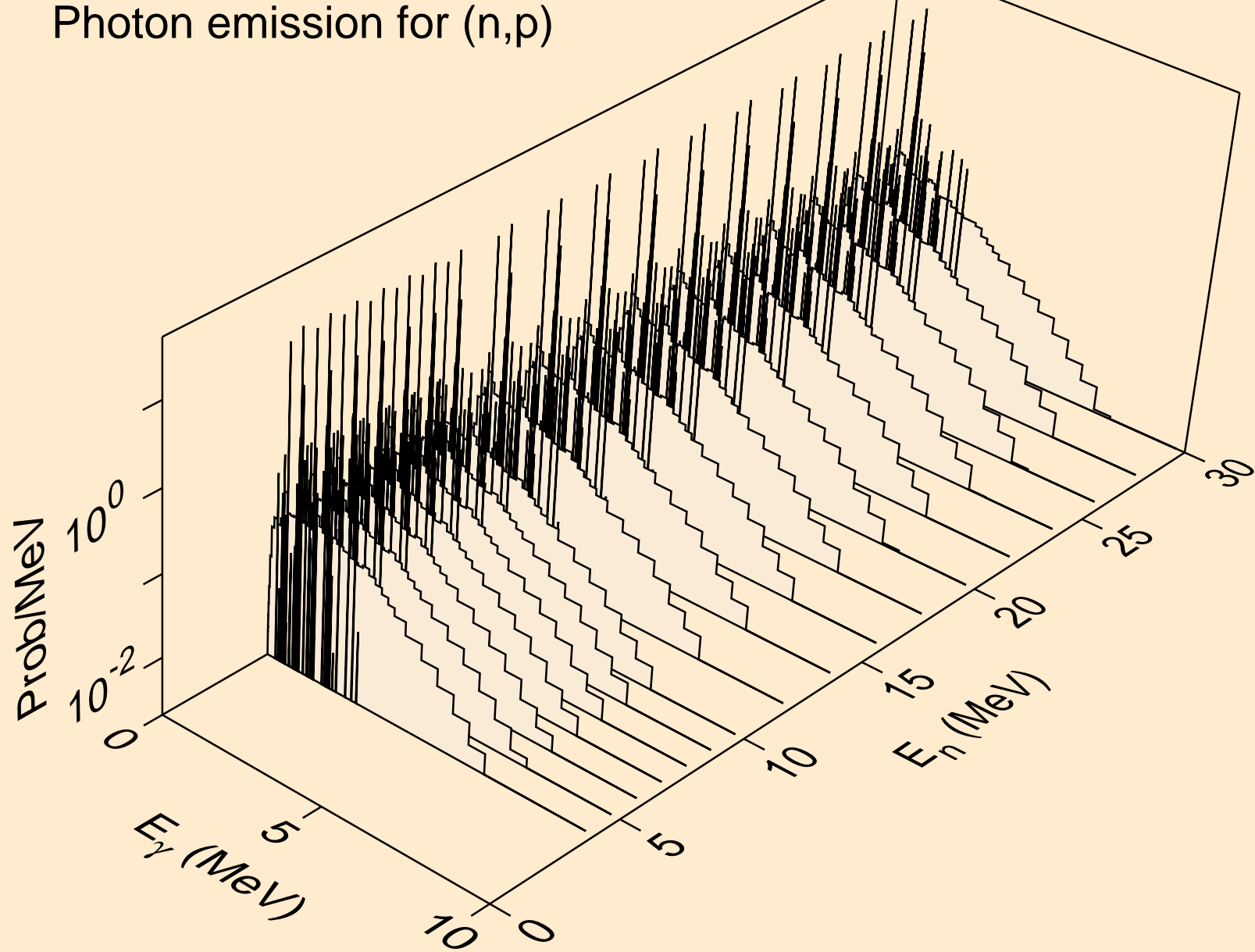
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Photon emission for (n,npa)



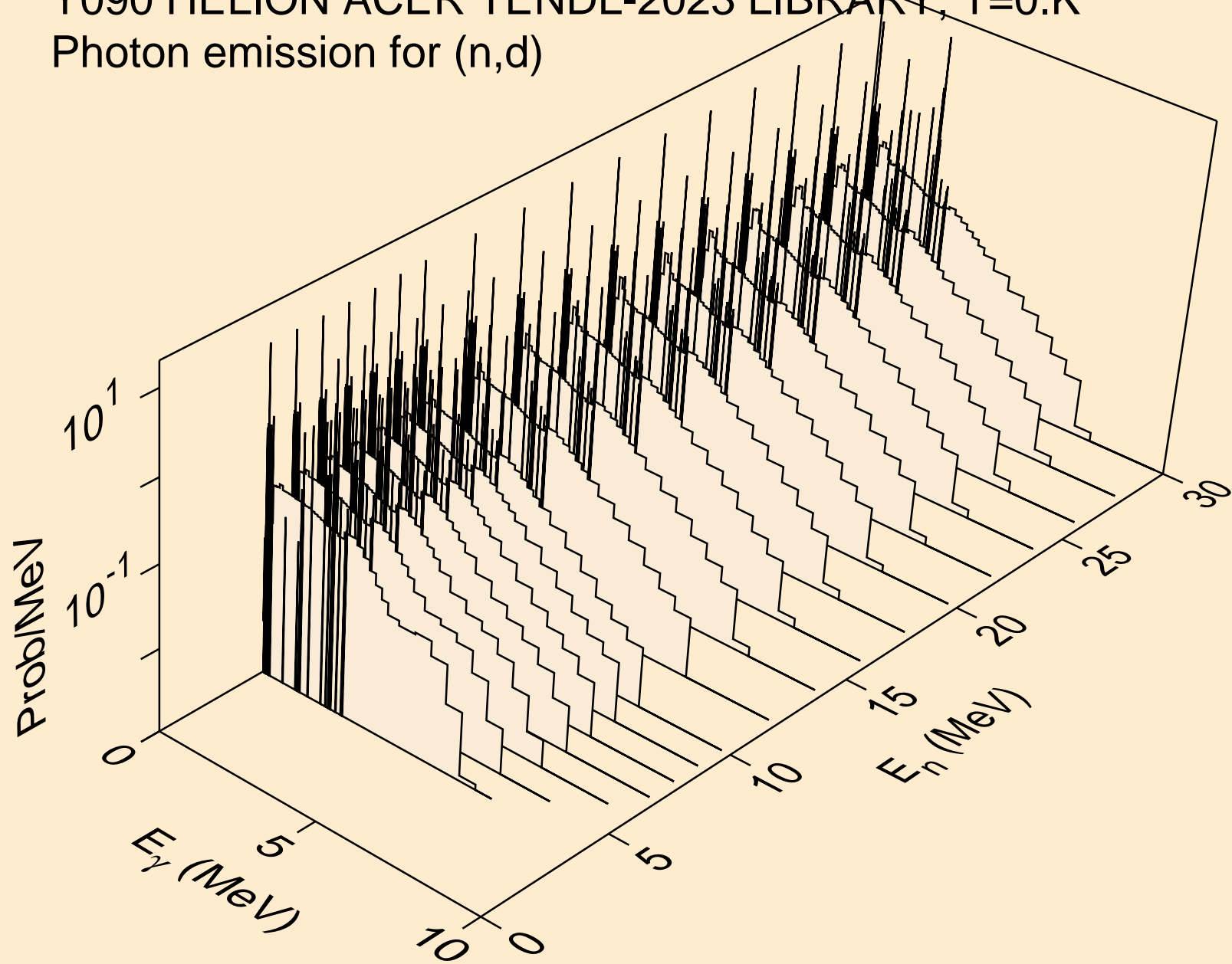
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Photon emission for (n,gma)



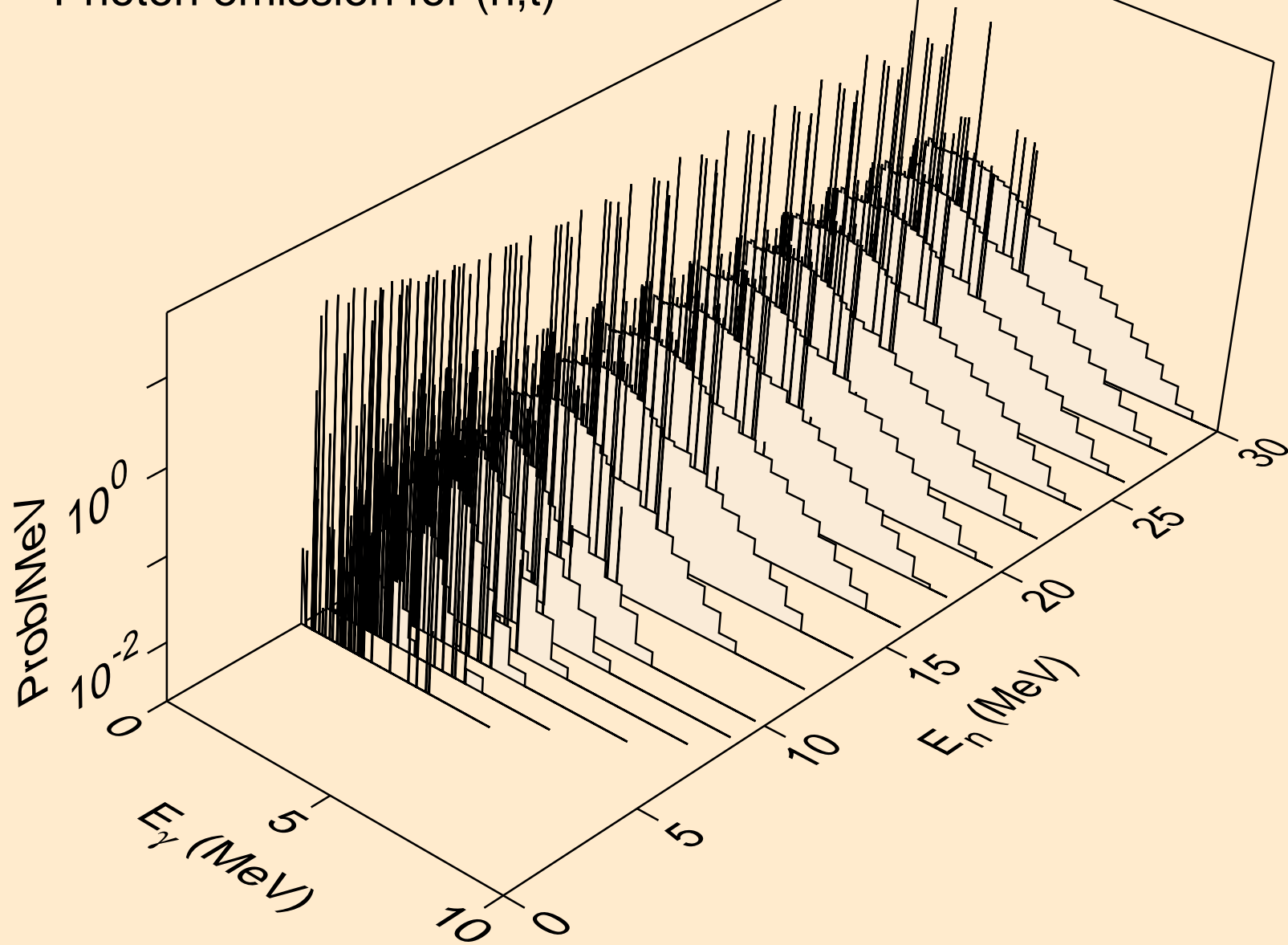
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Photon emission for (n,p)



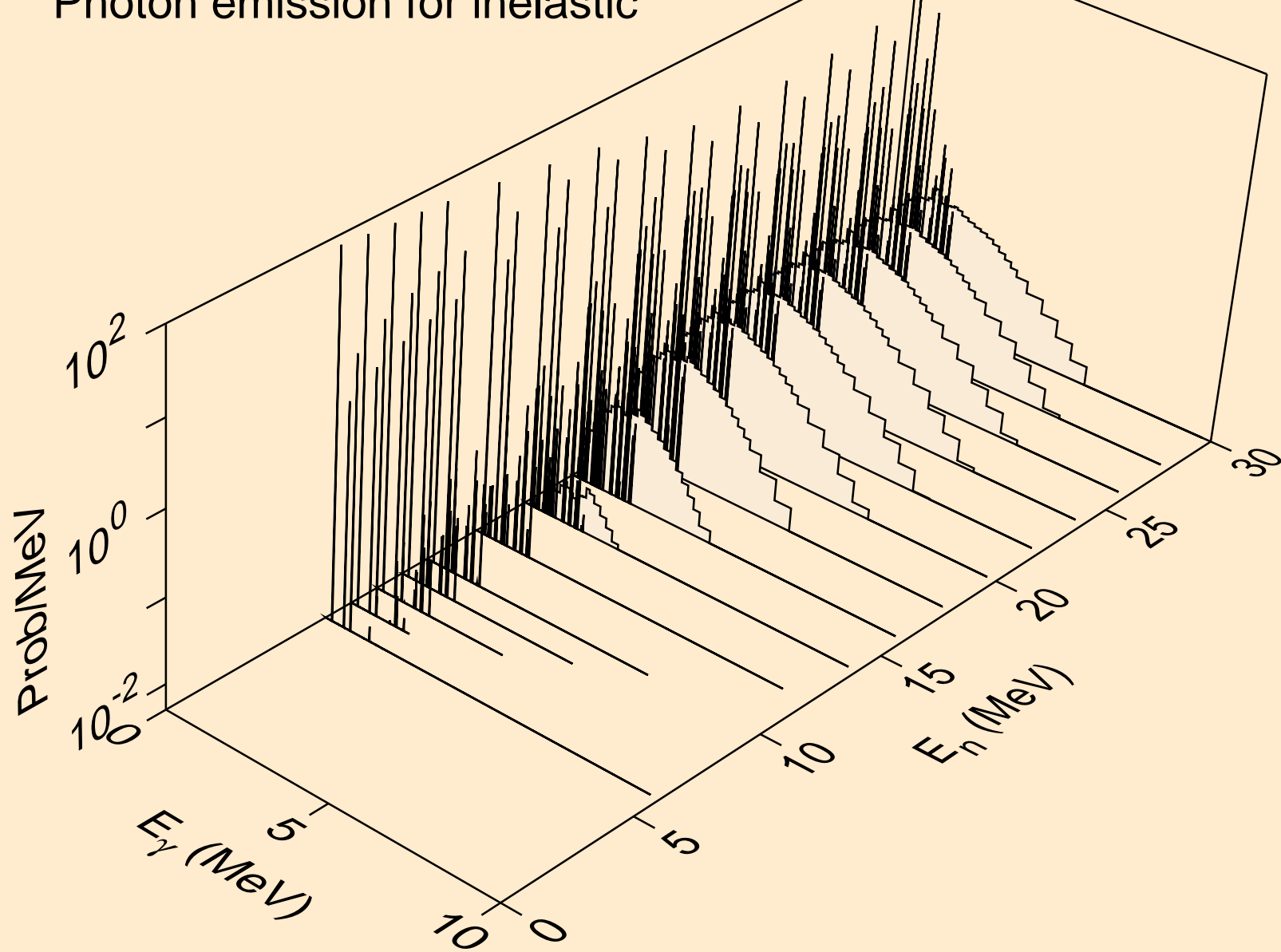
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

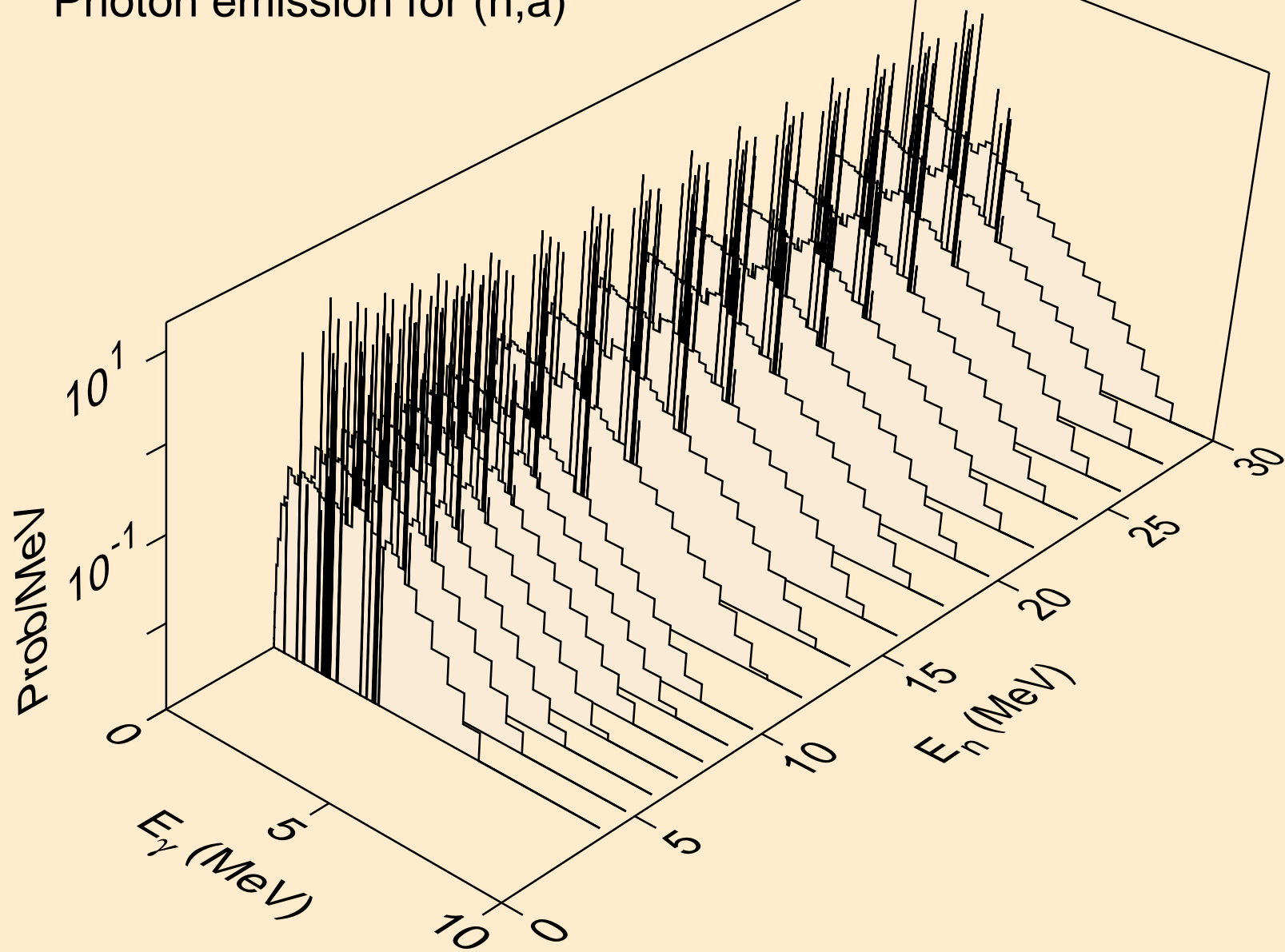


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Photon emission for inelastic

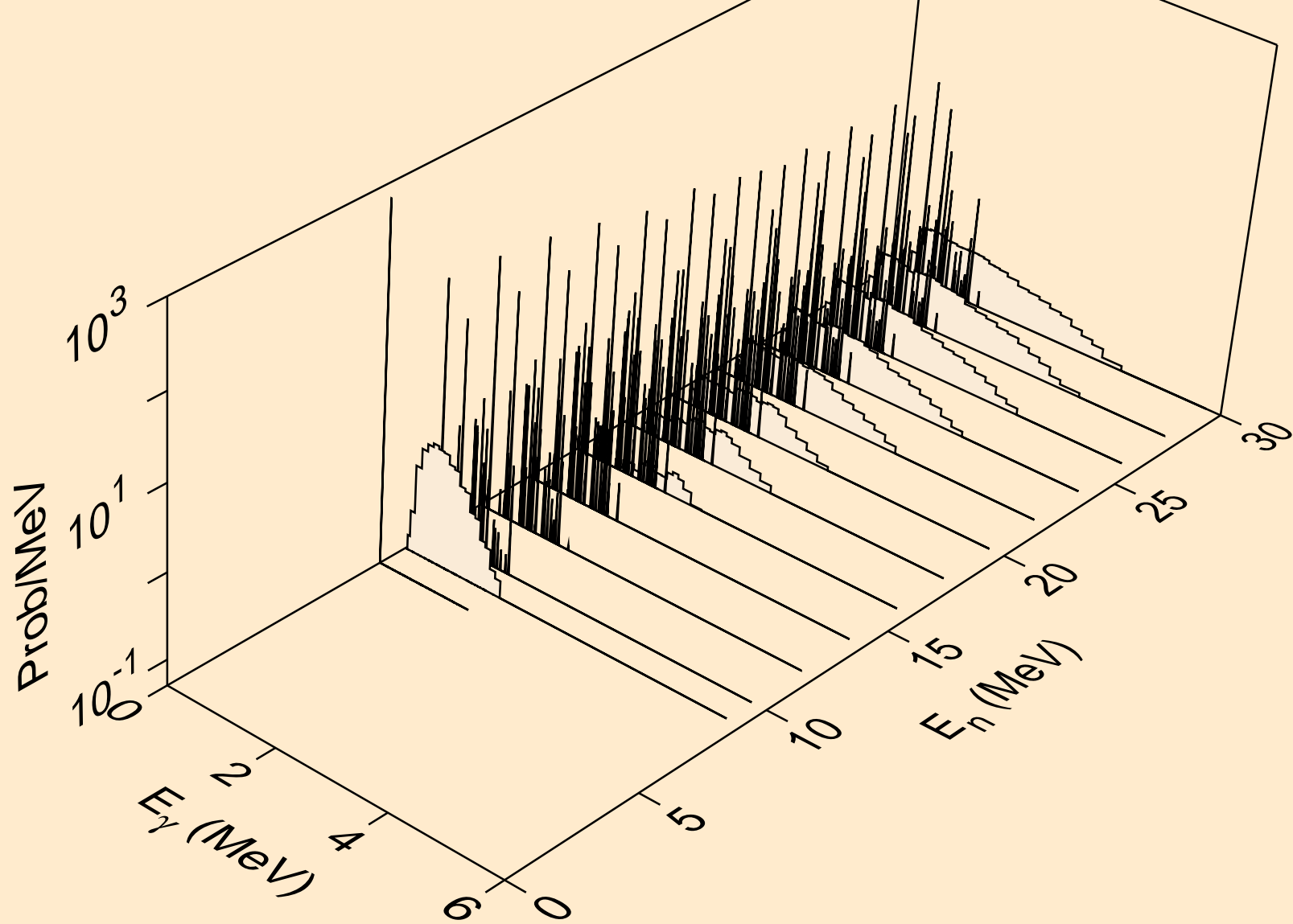




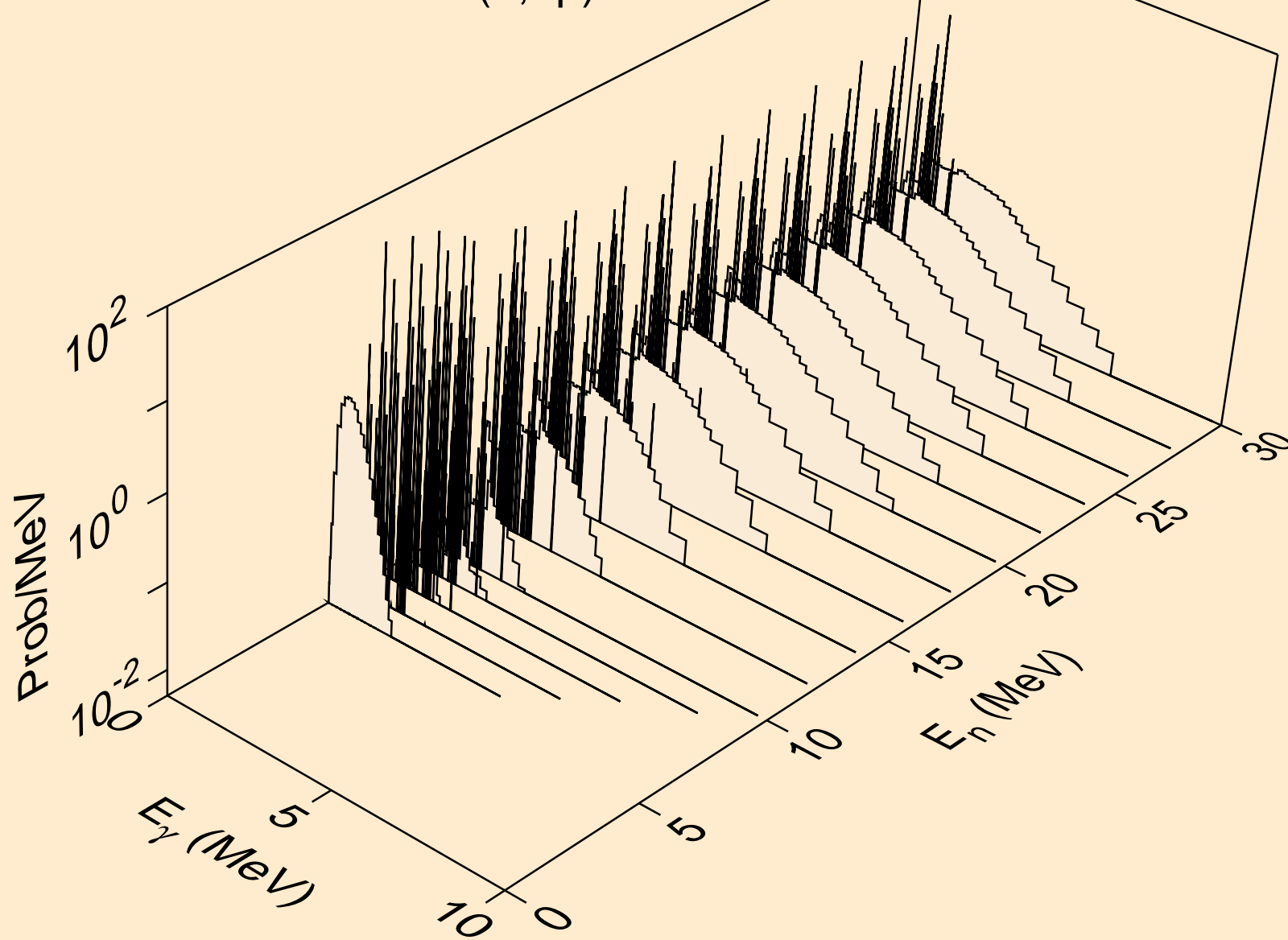
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Photon emission for (n,a)



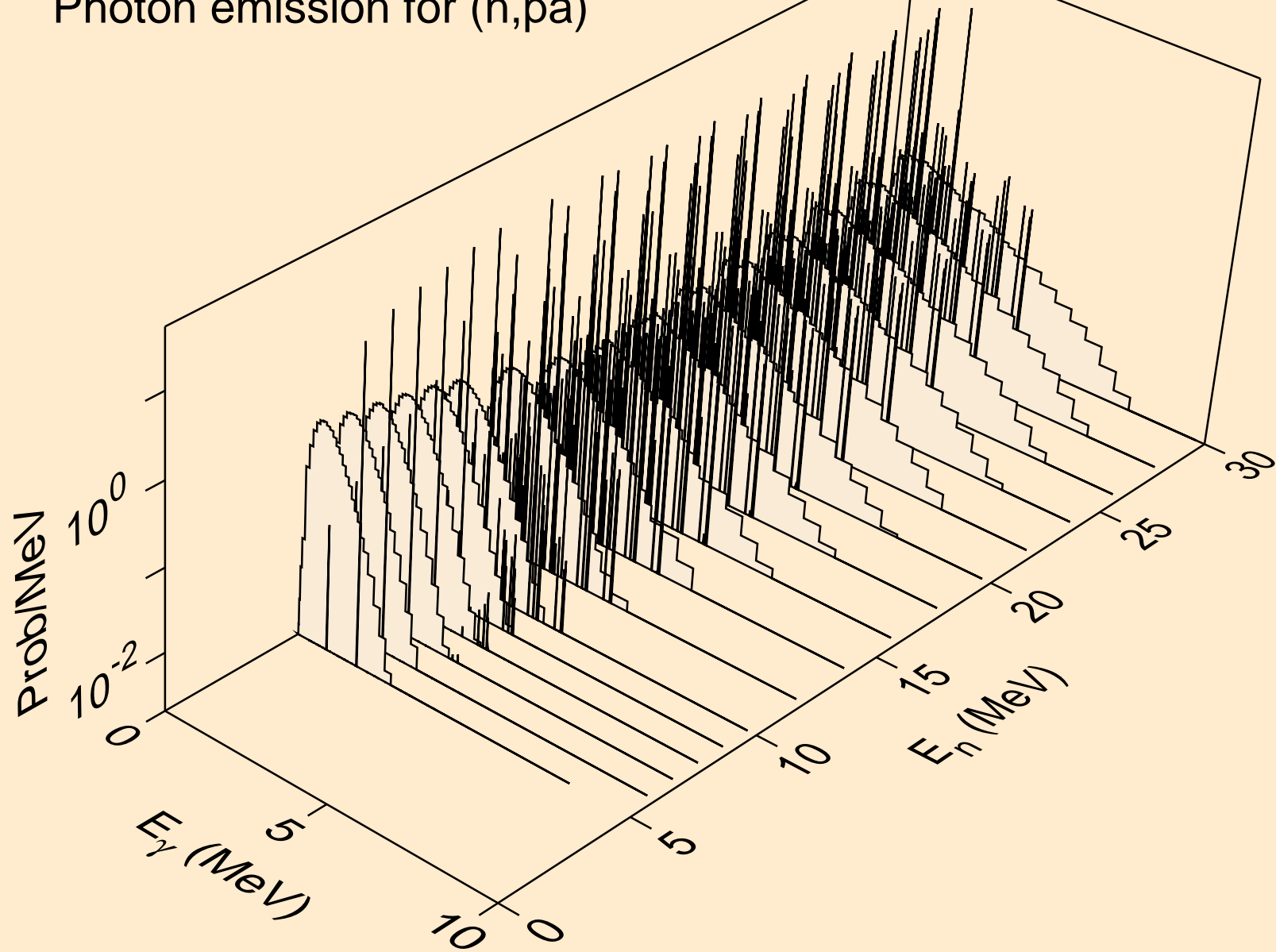
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Photon emission for (n,2a)



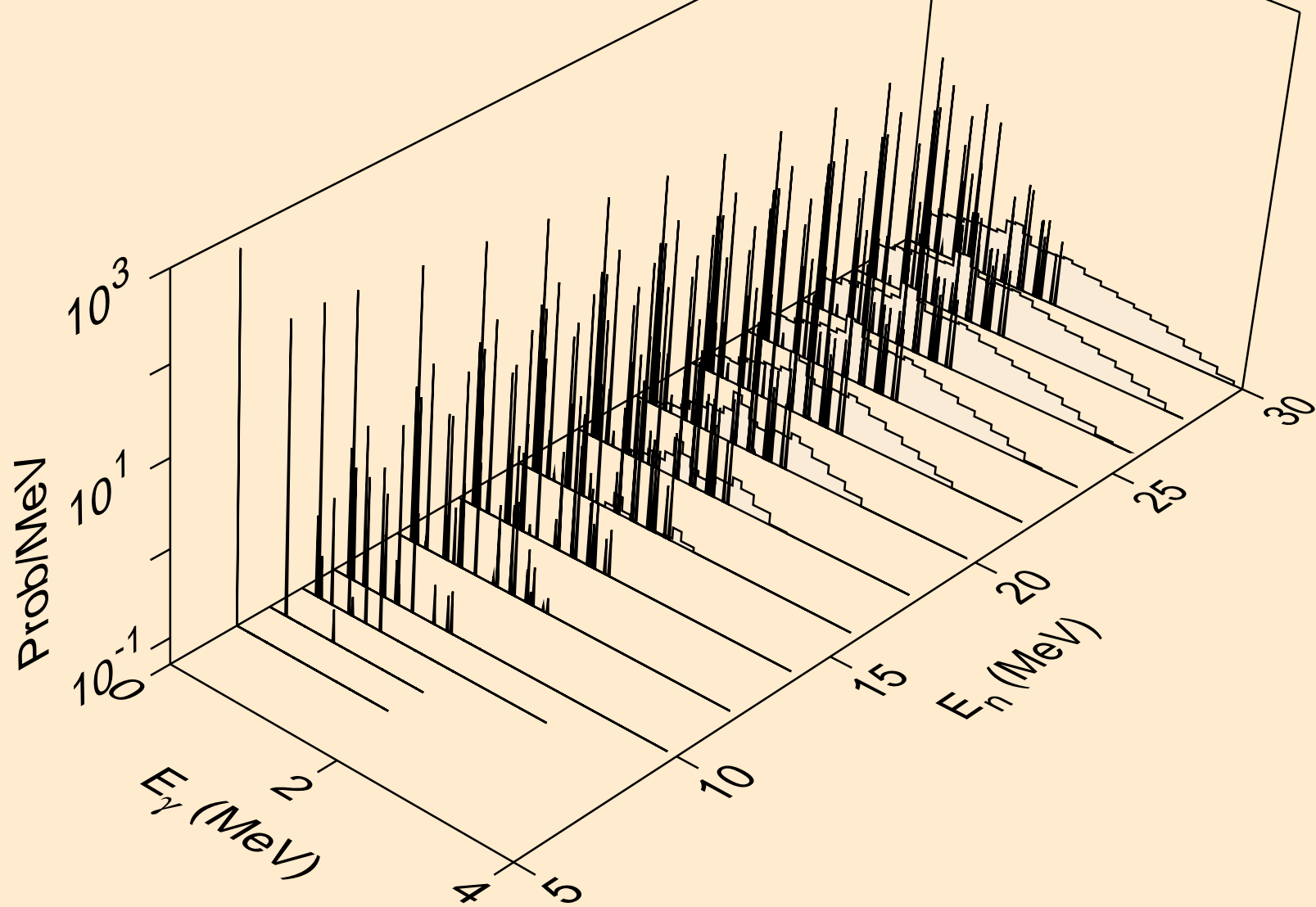
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Photon emission for (n,2p)



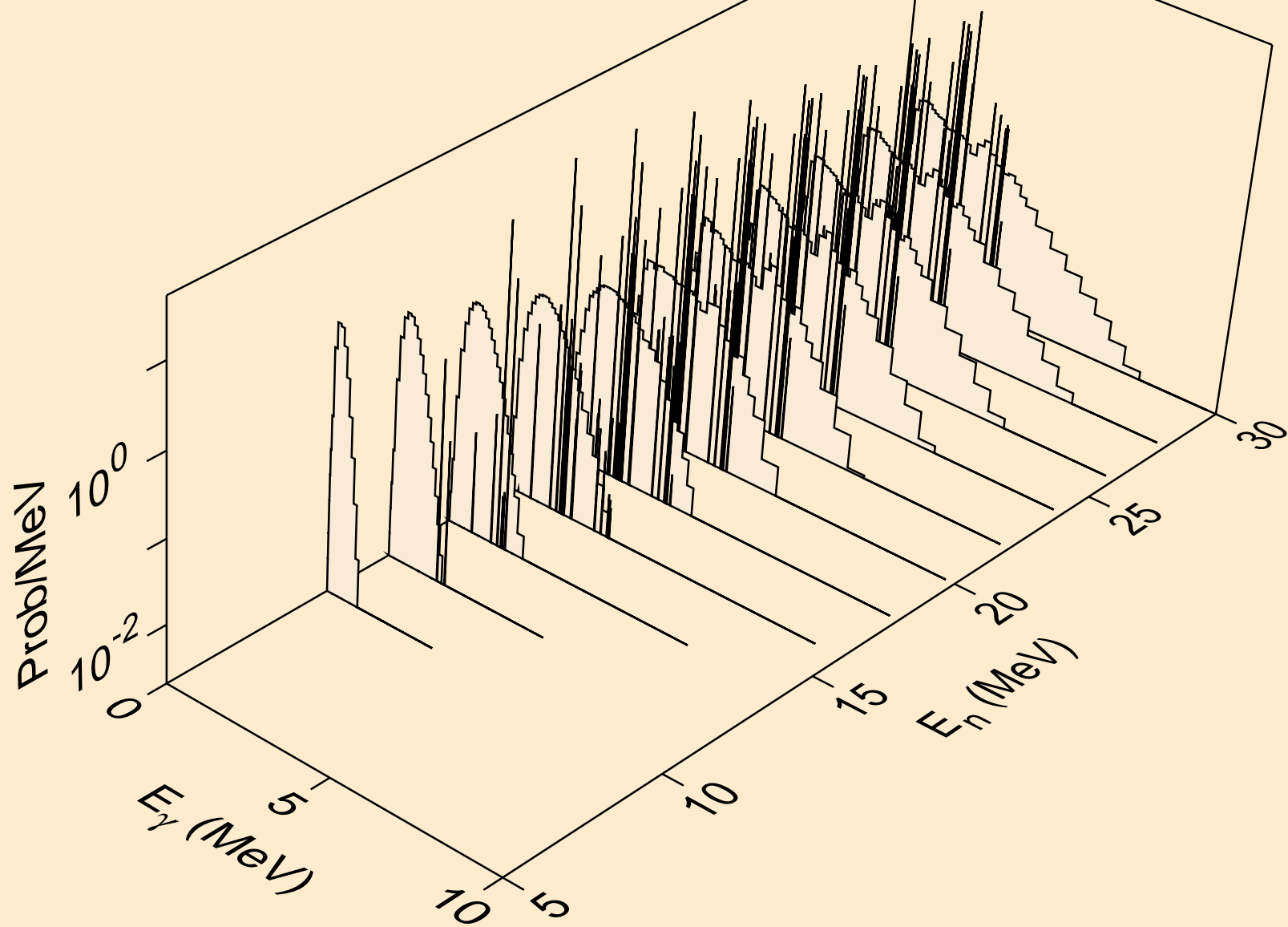
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Photon emission for (n,p $\alpha$ )



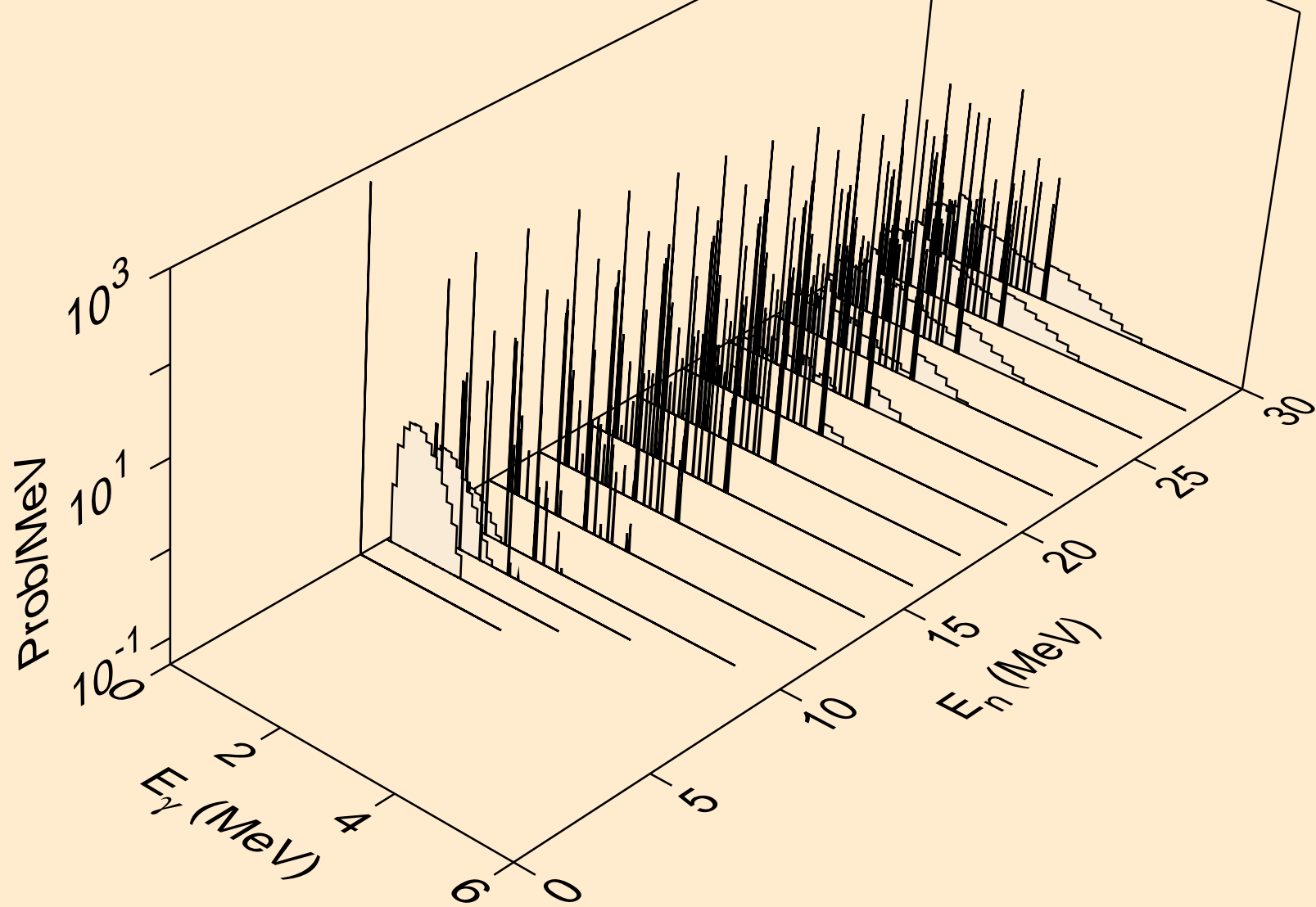
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Photon emission for (n,pd)



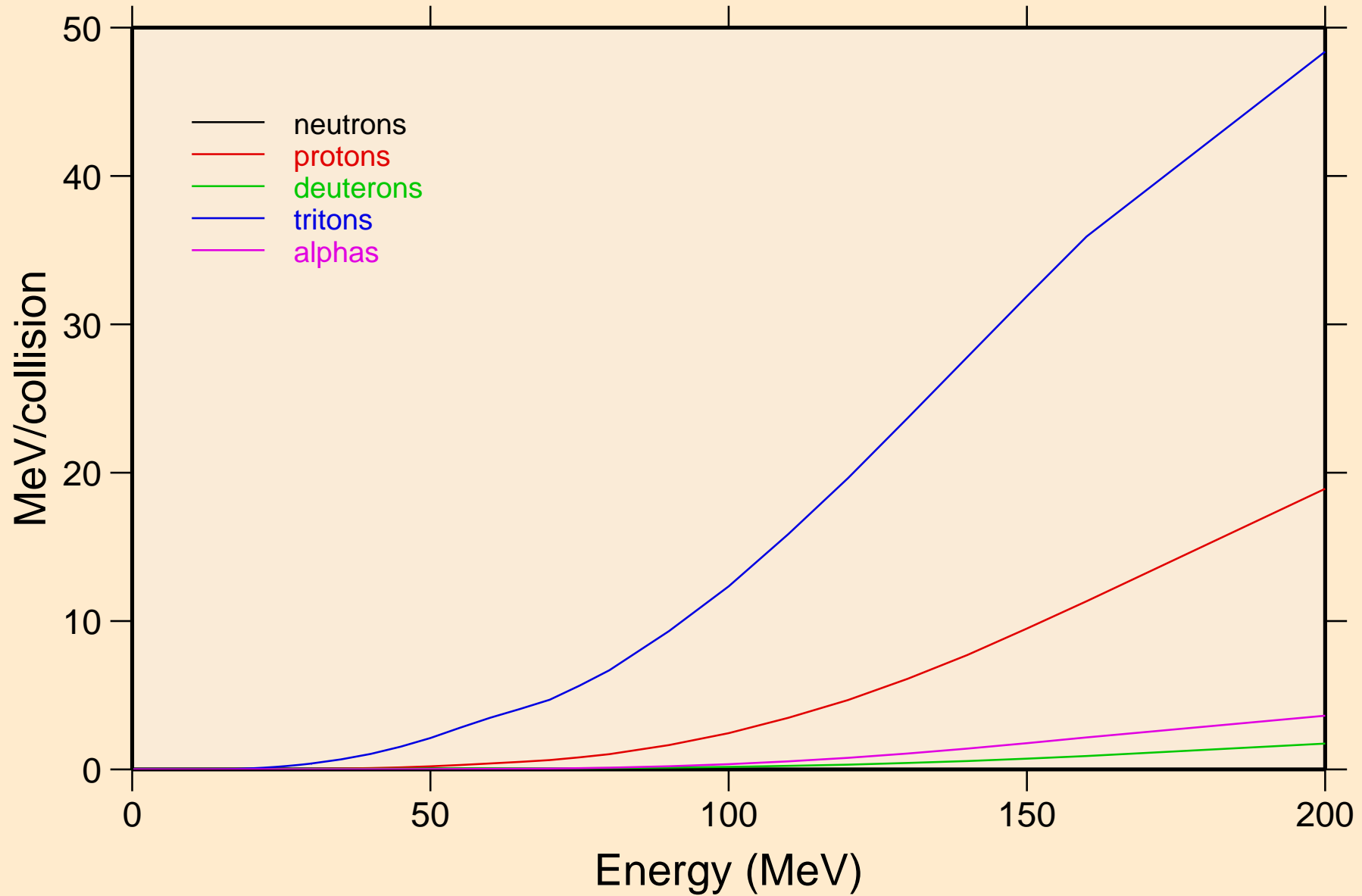
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



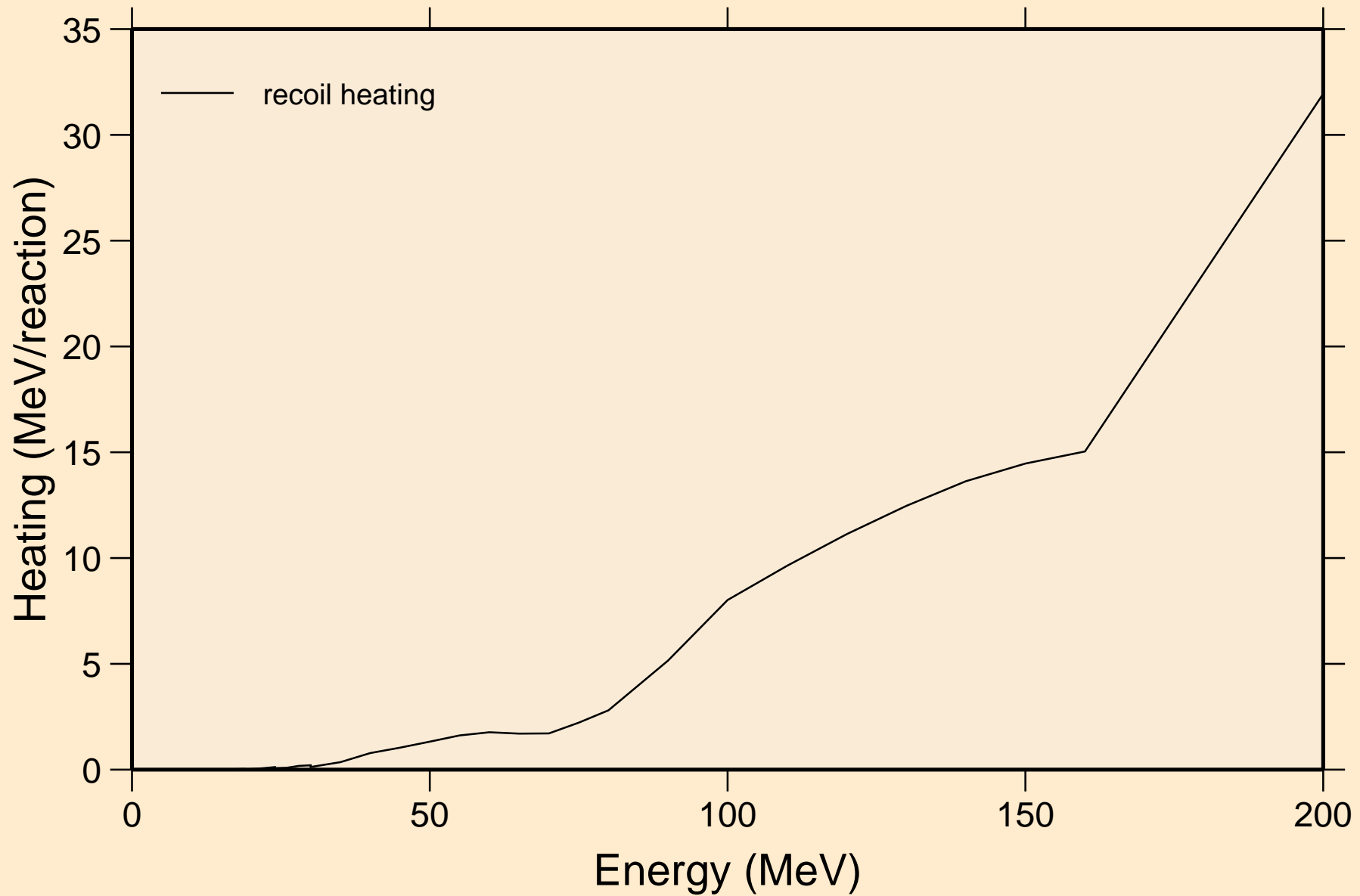
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Particle heating contributions



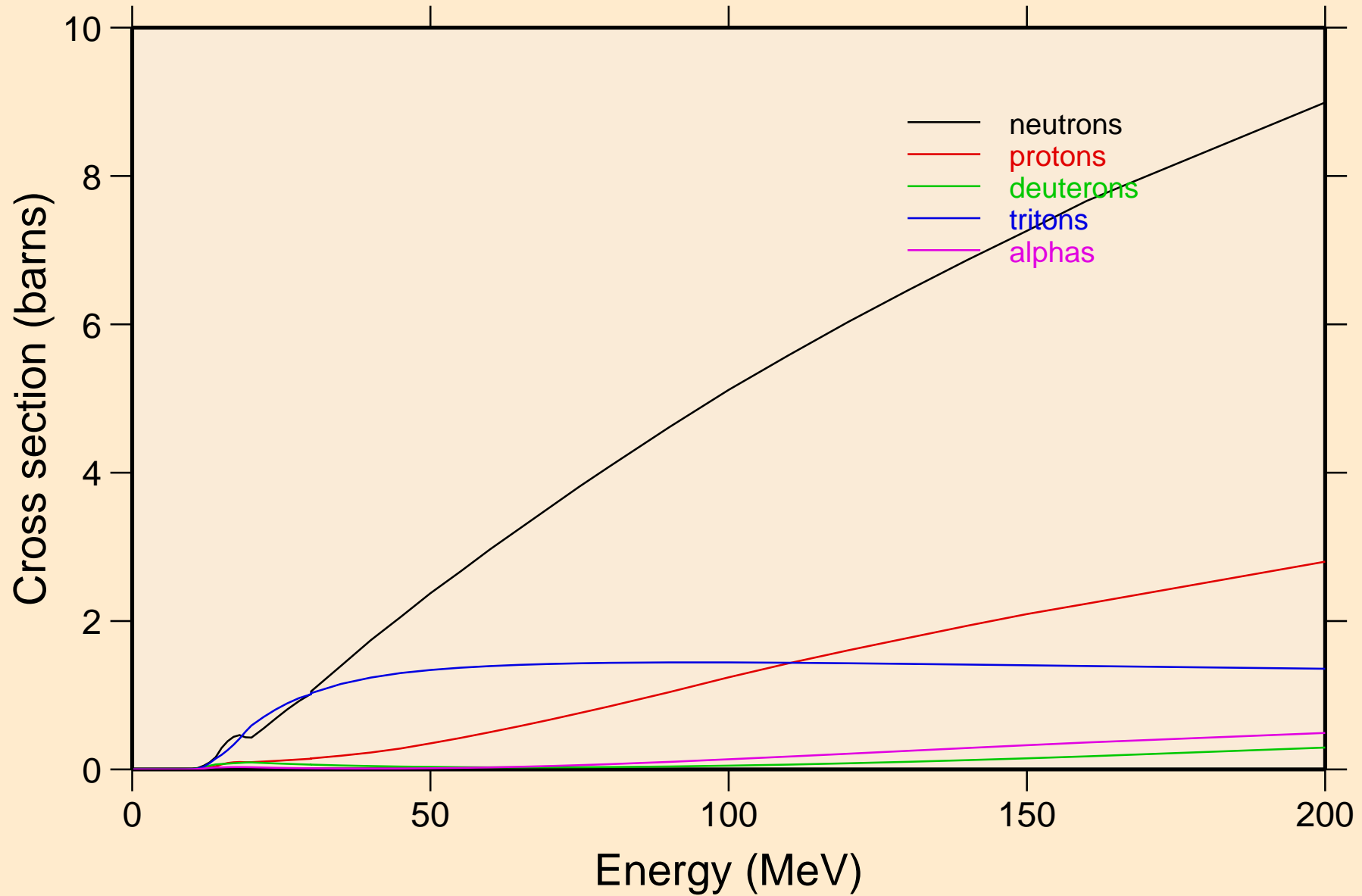


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K

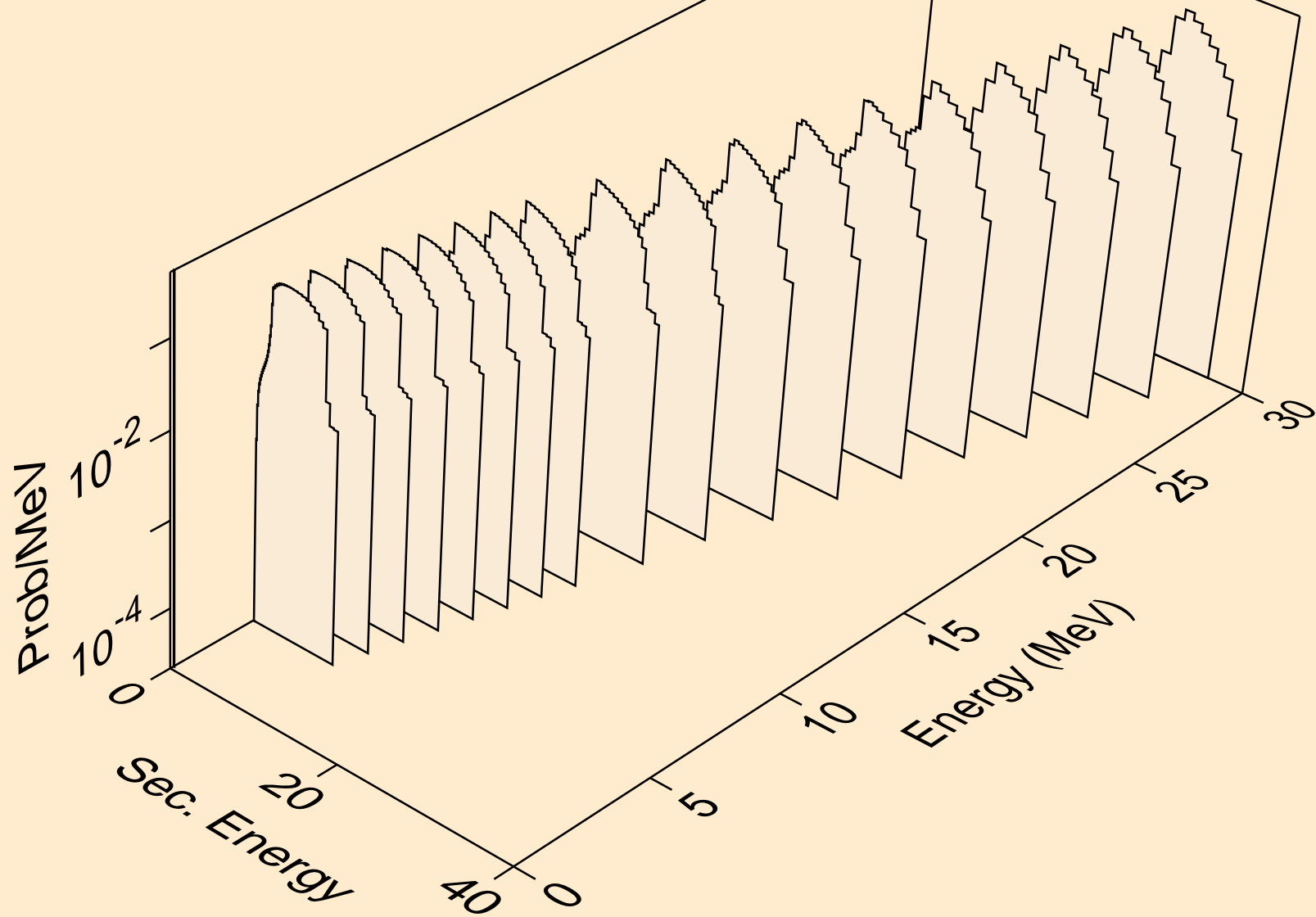
Recoil Heating



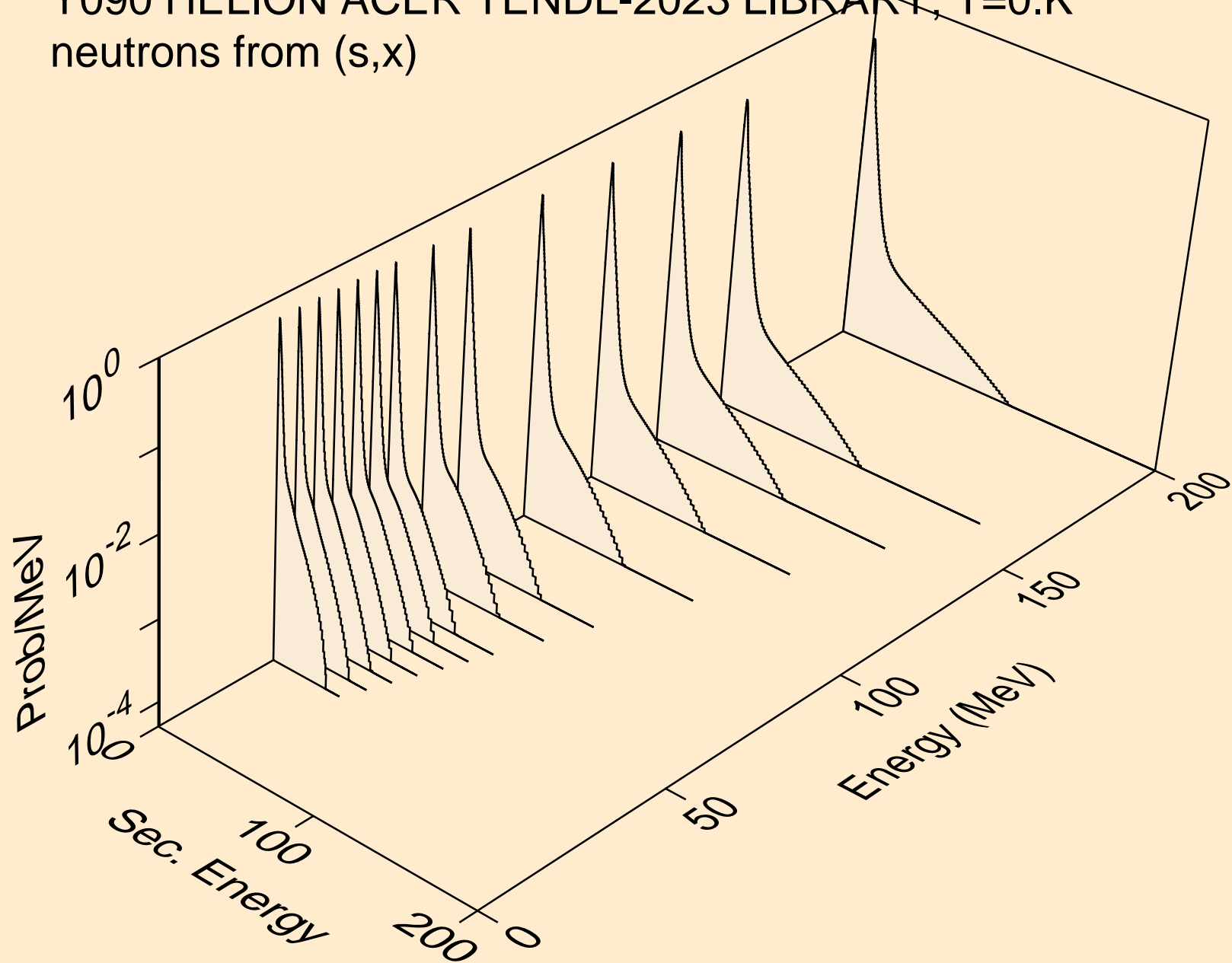
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



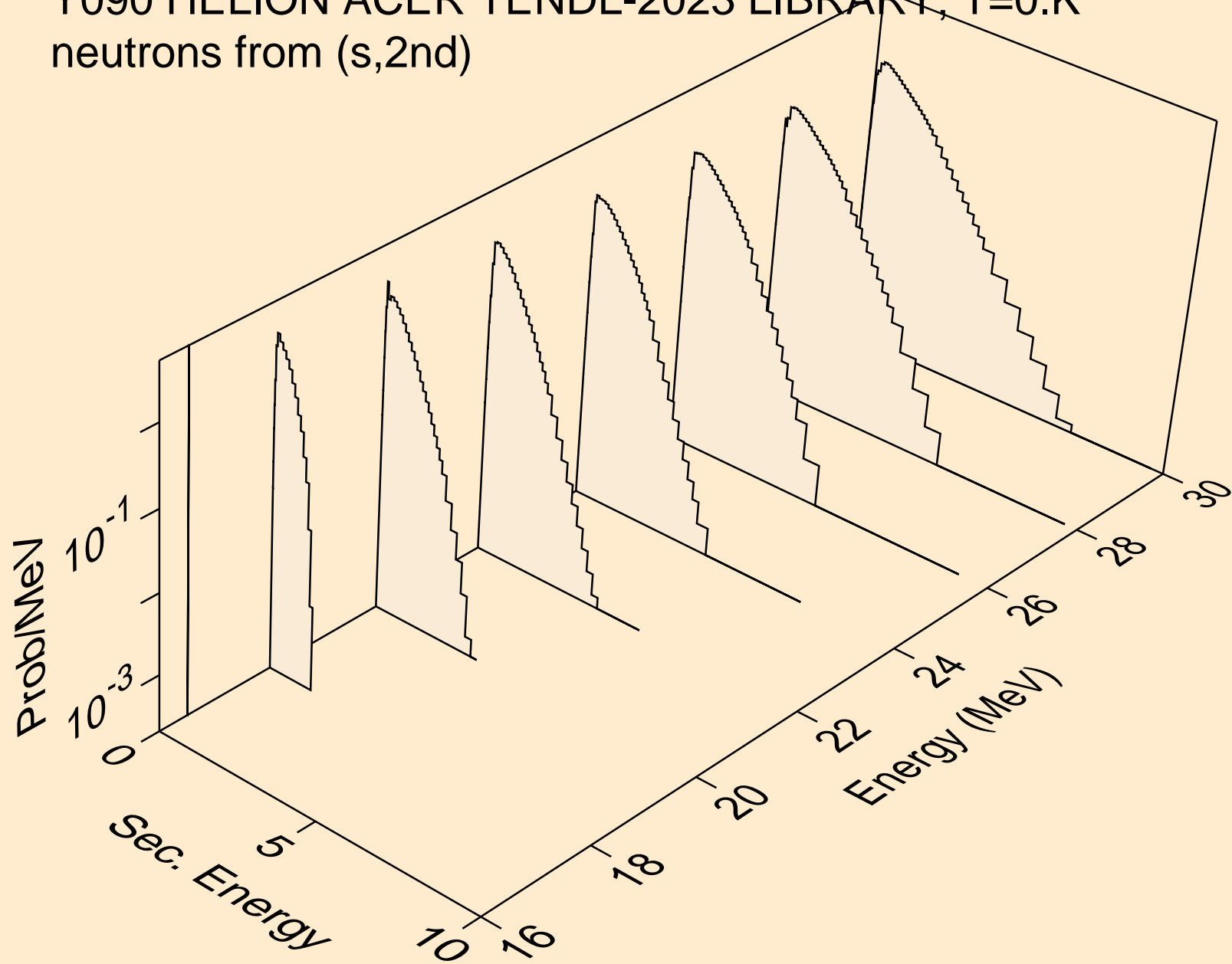
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



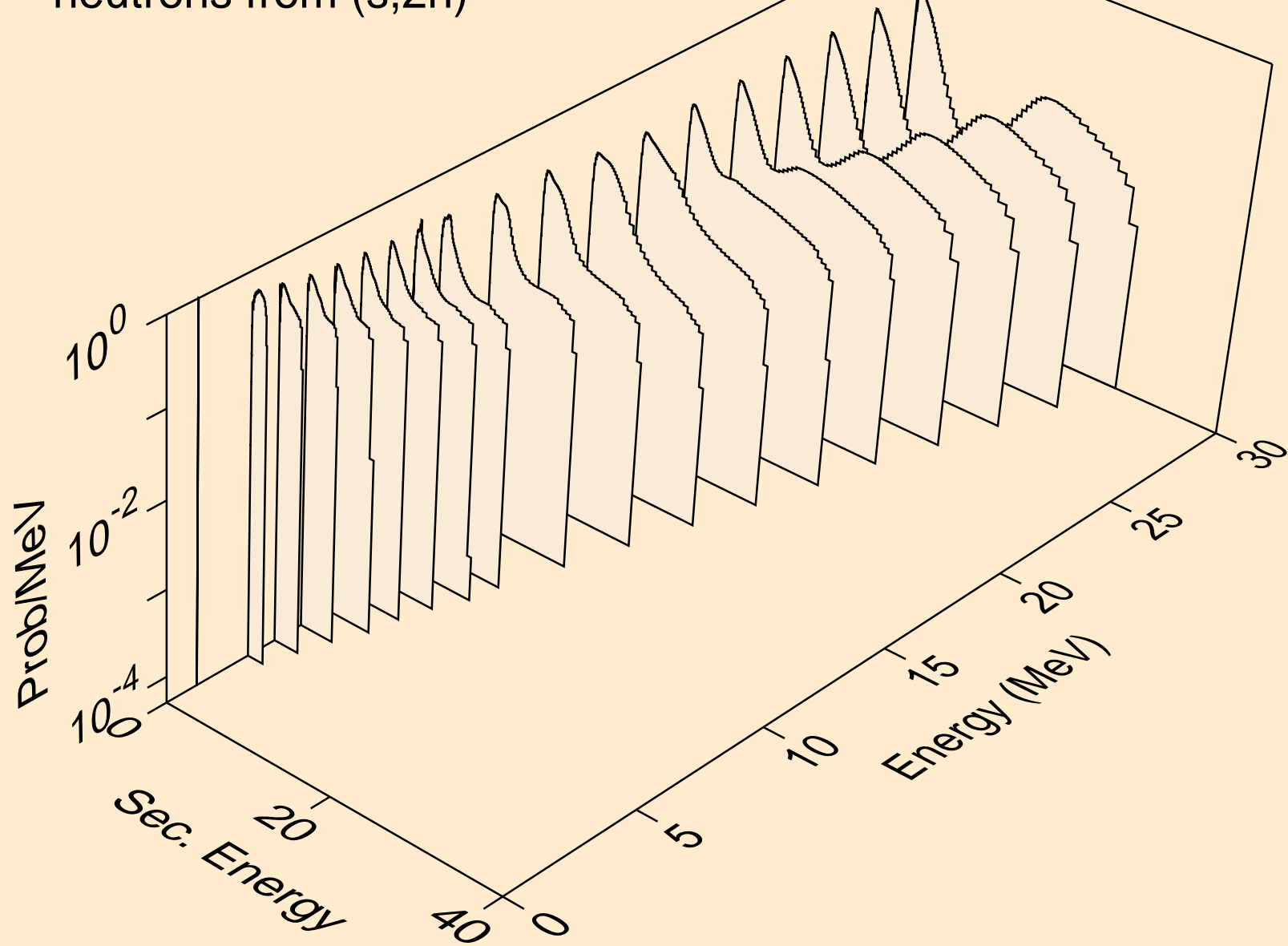
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neutrons from (s,x)



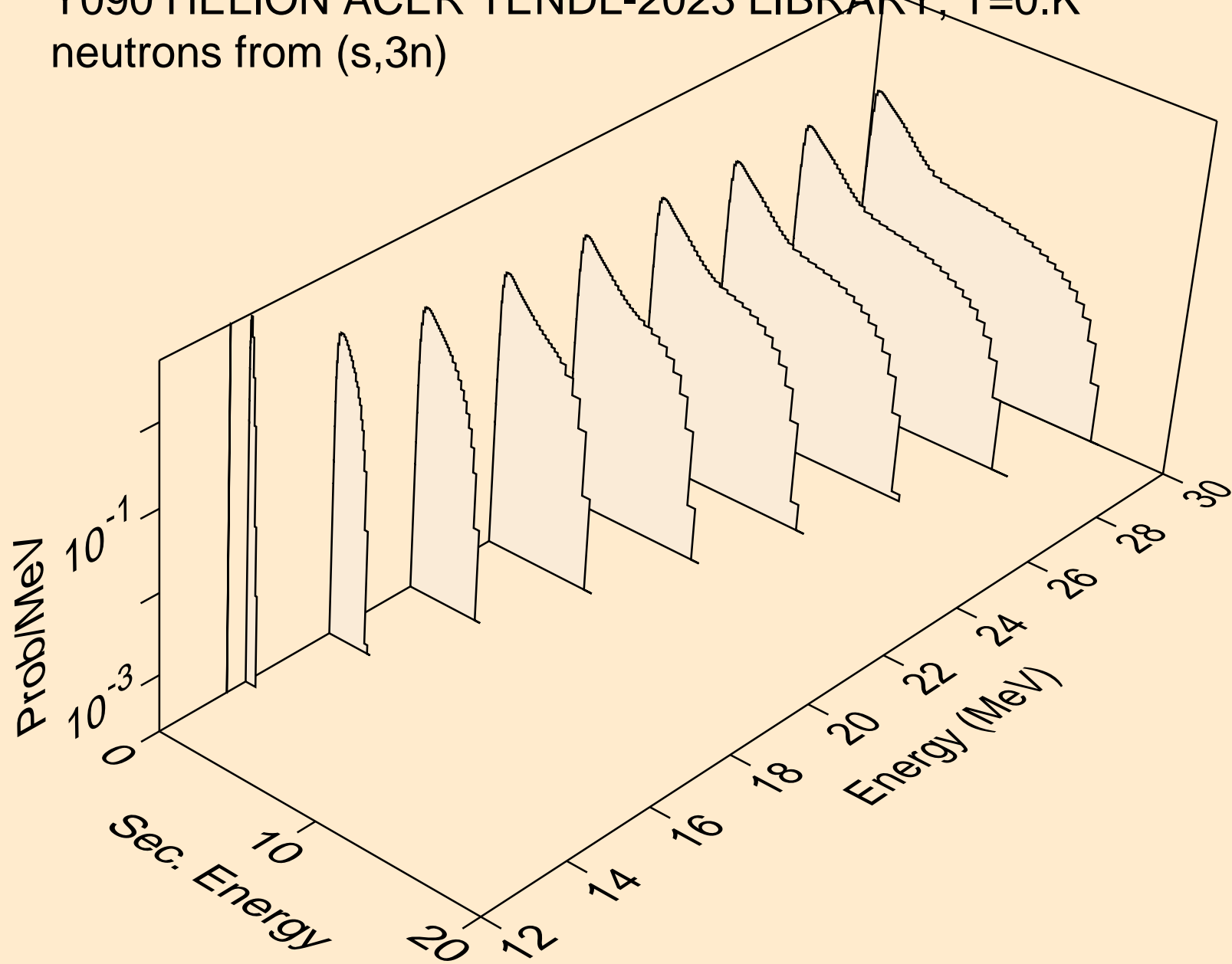
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



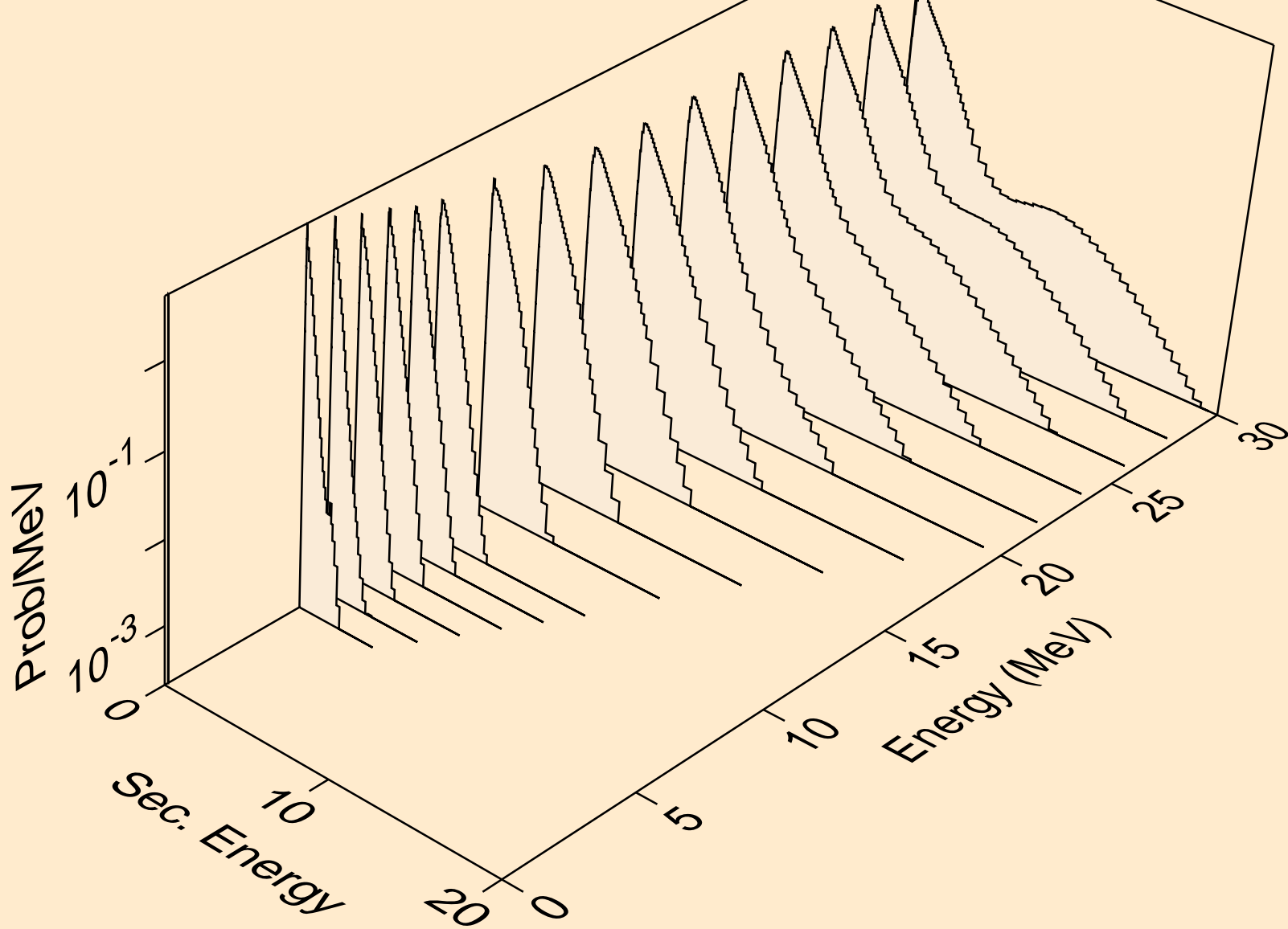
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

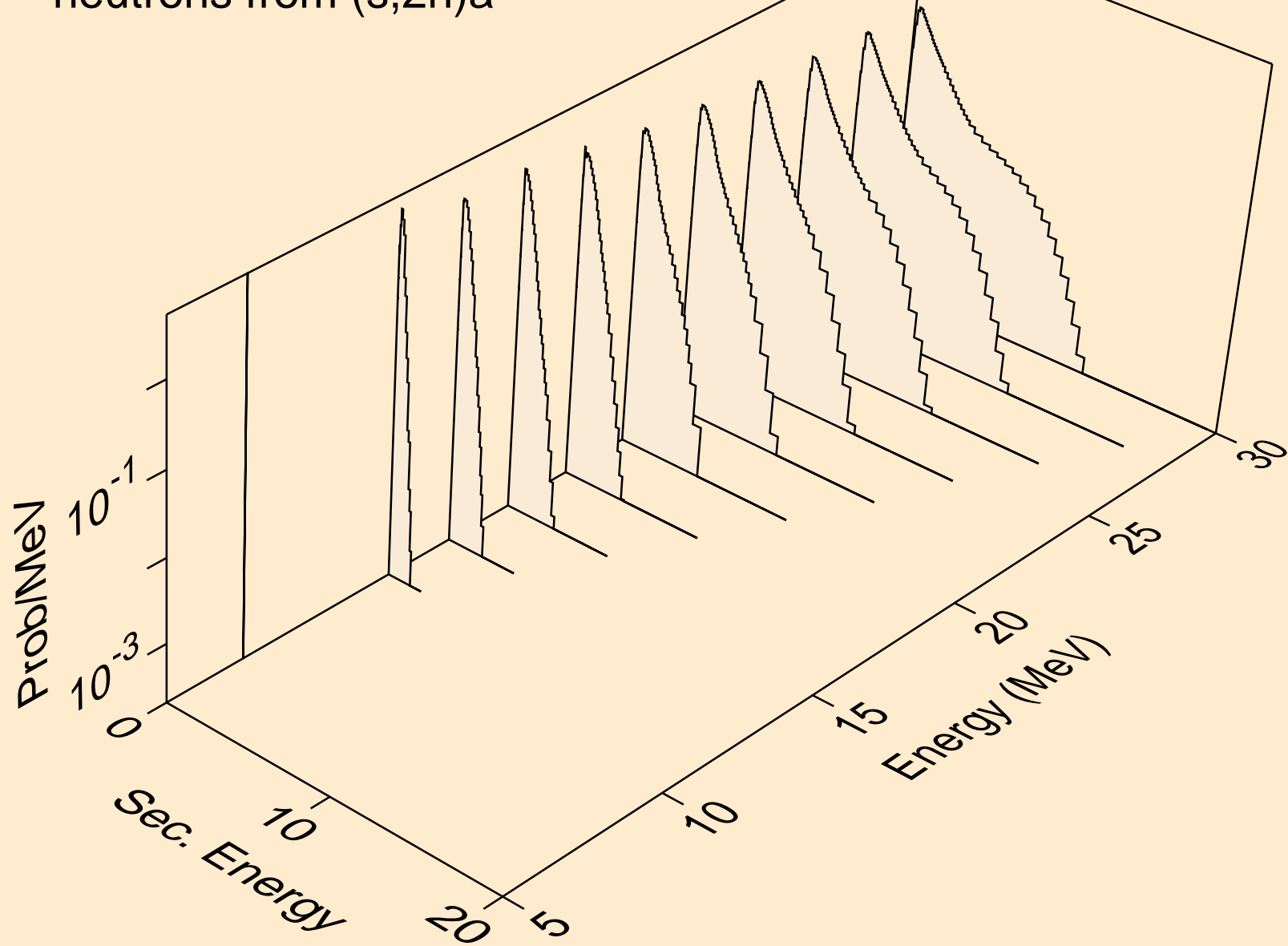


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

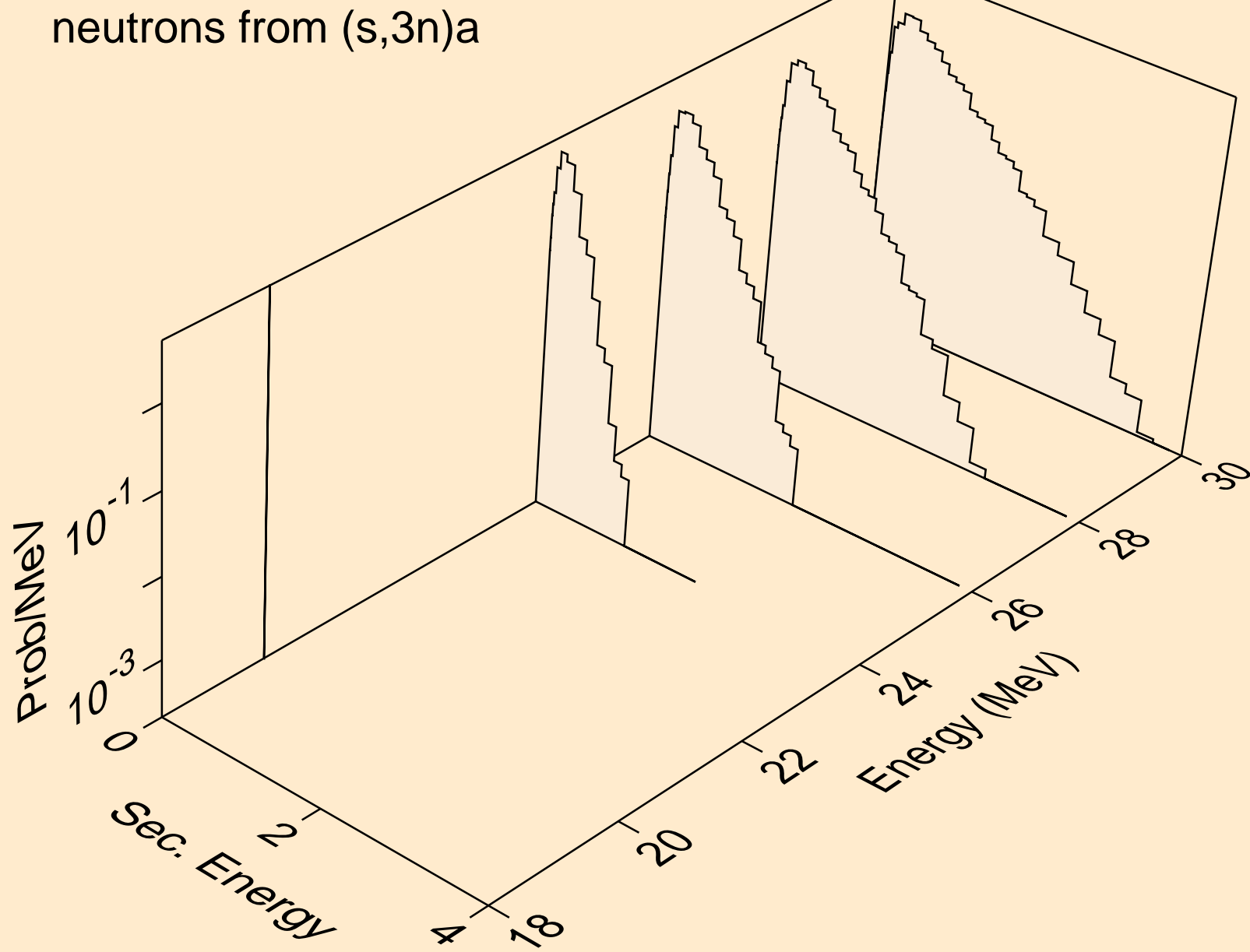




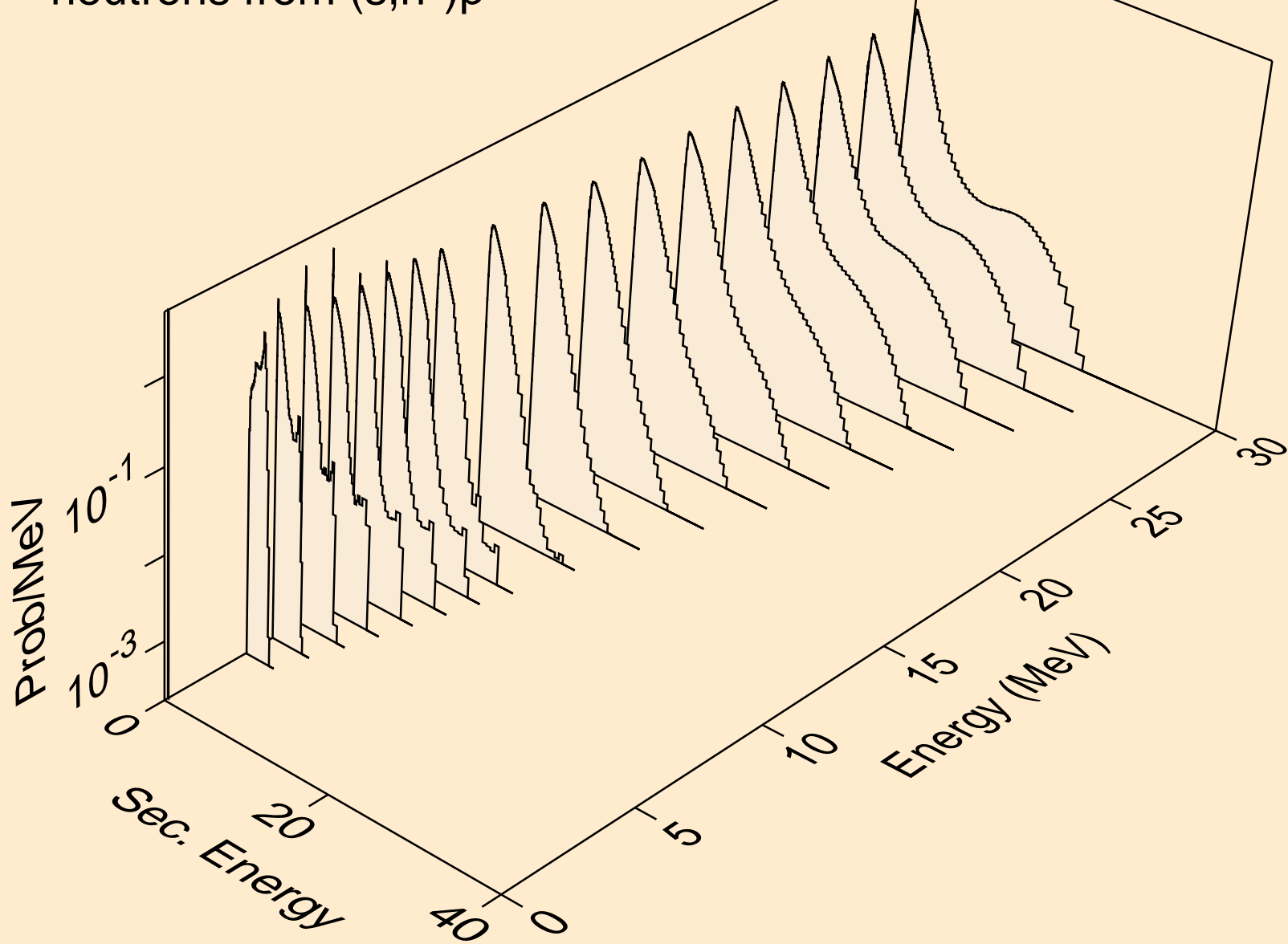
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



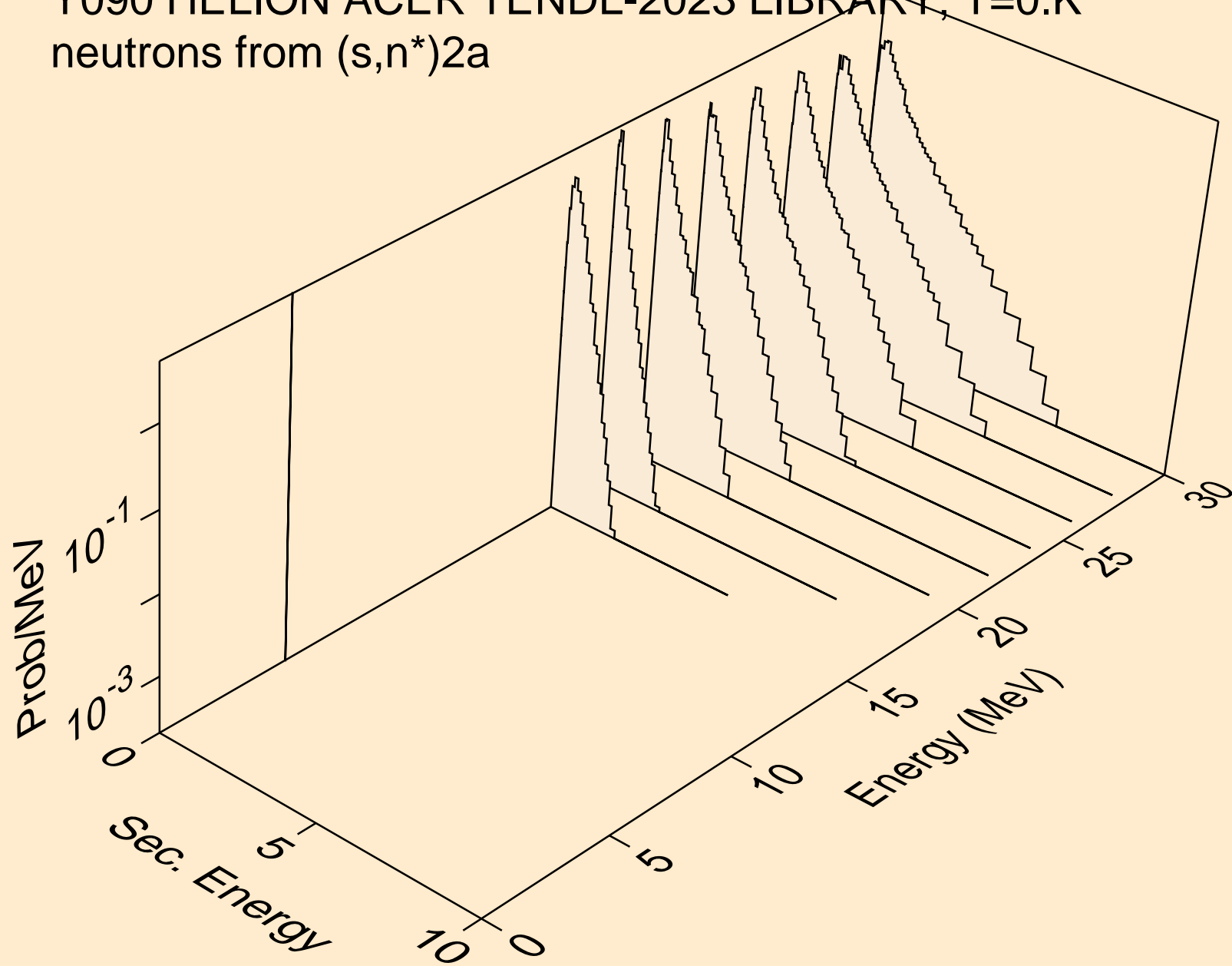
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neutrons from (s,3n)a



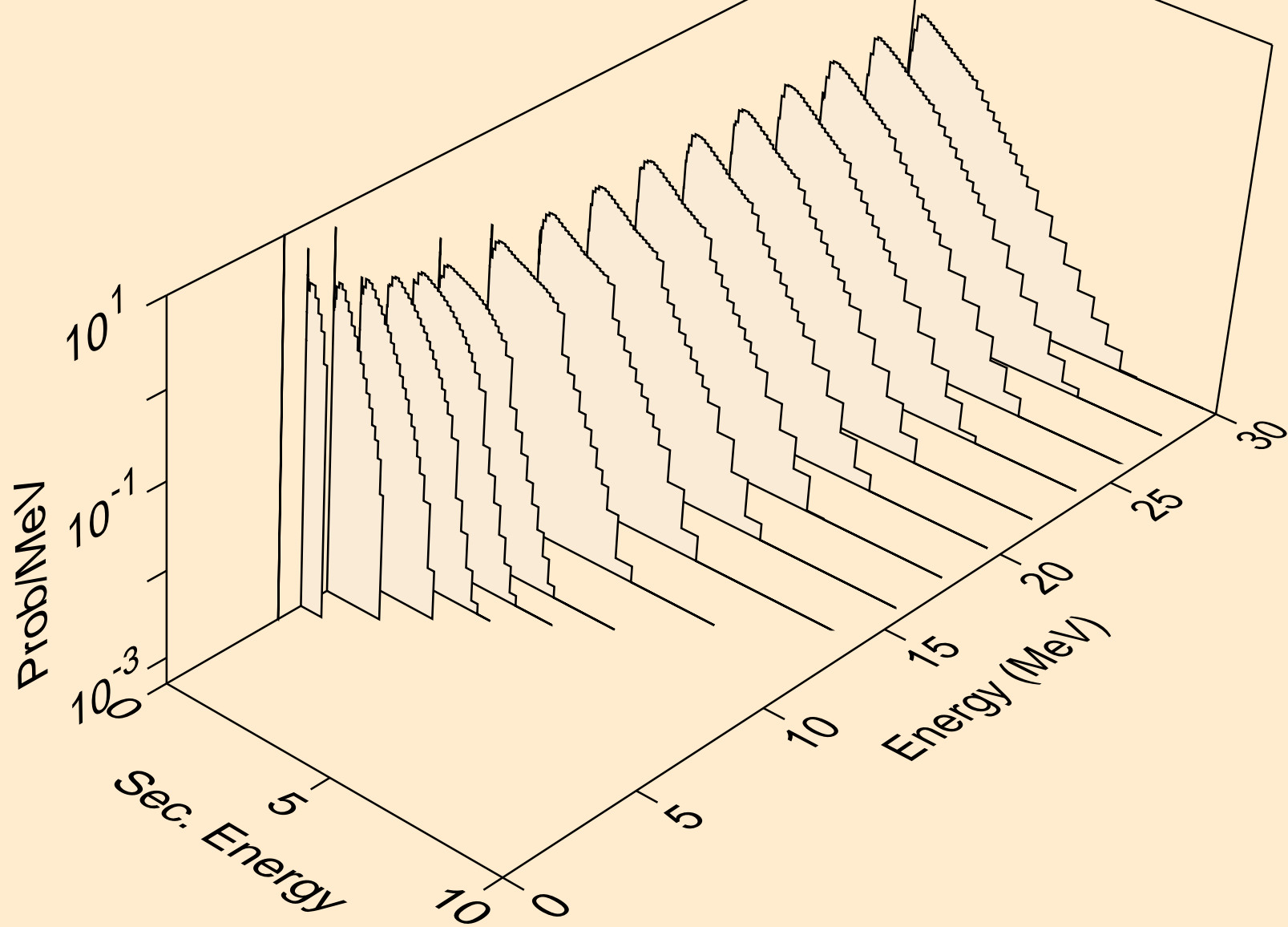
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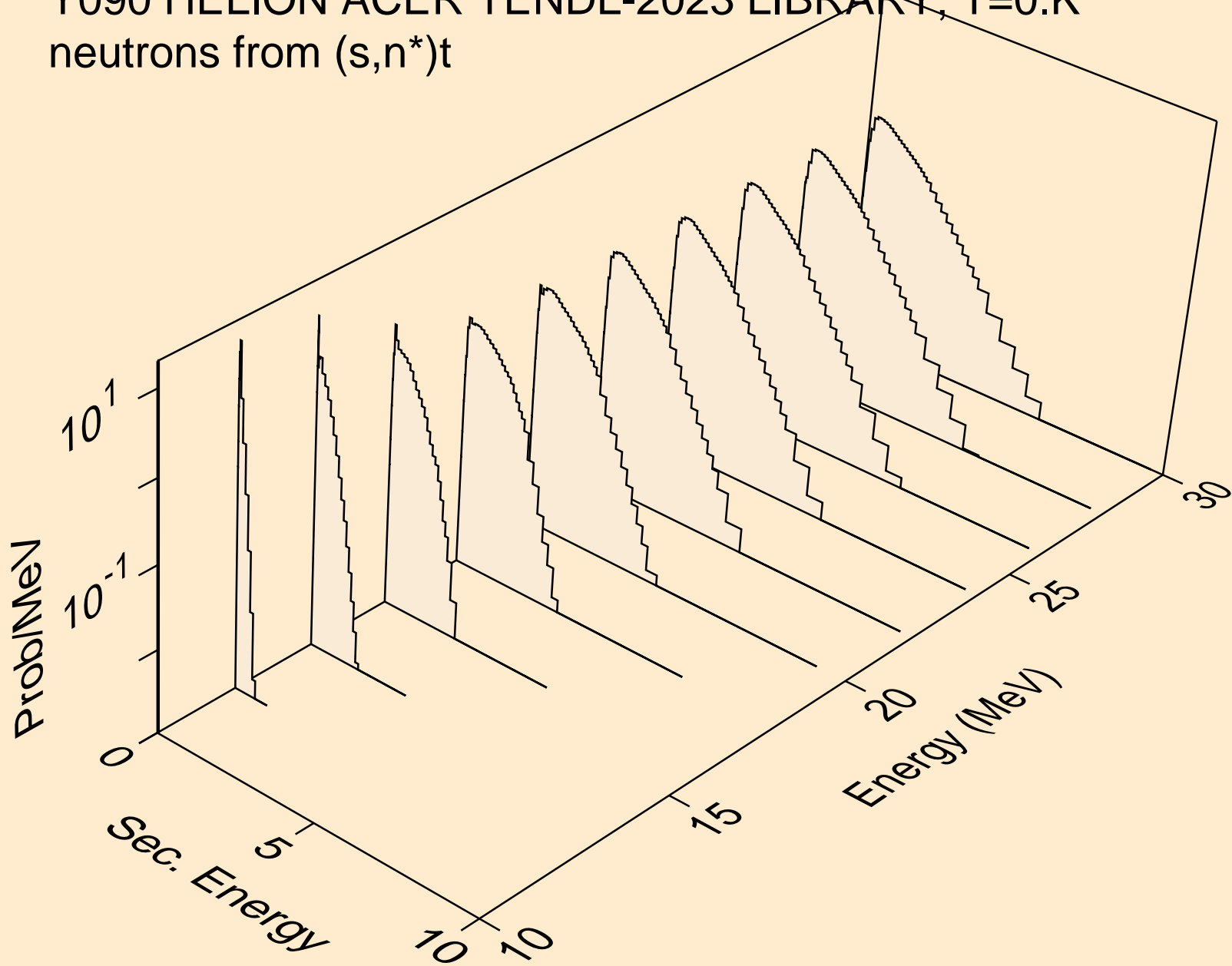
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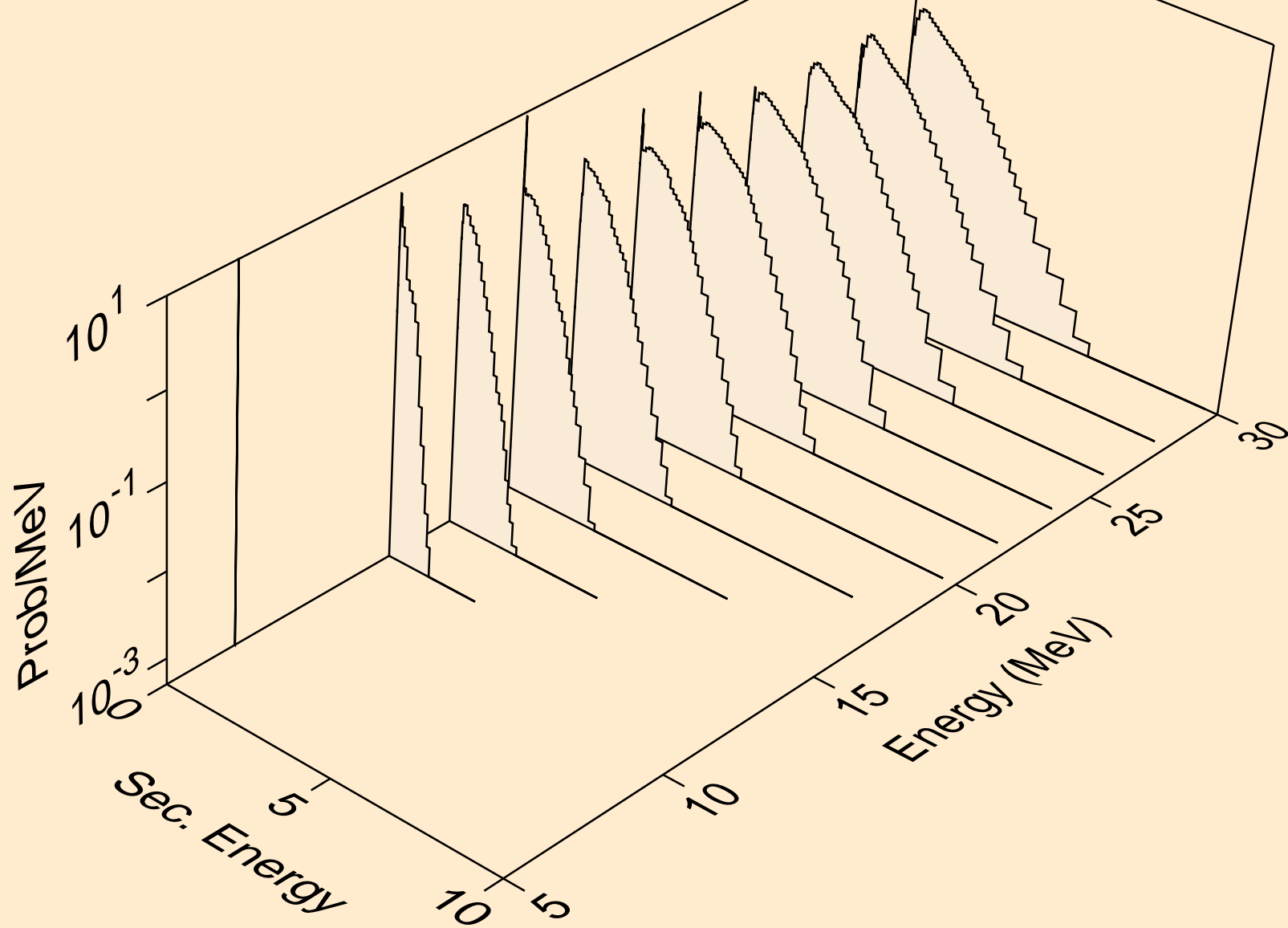
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neutrons from (s,n\*)d



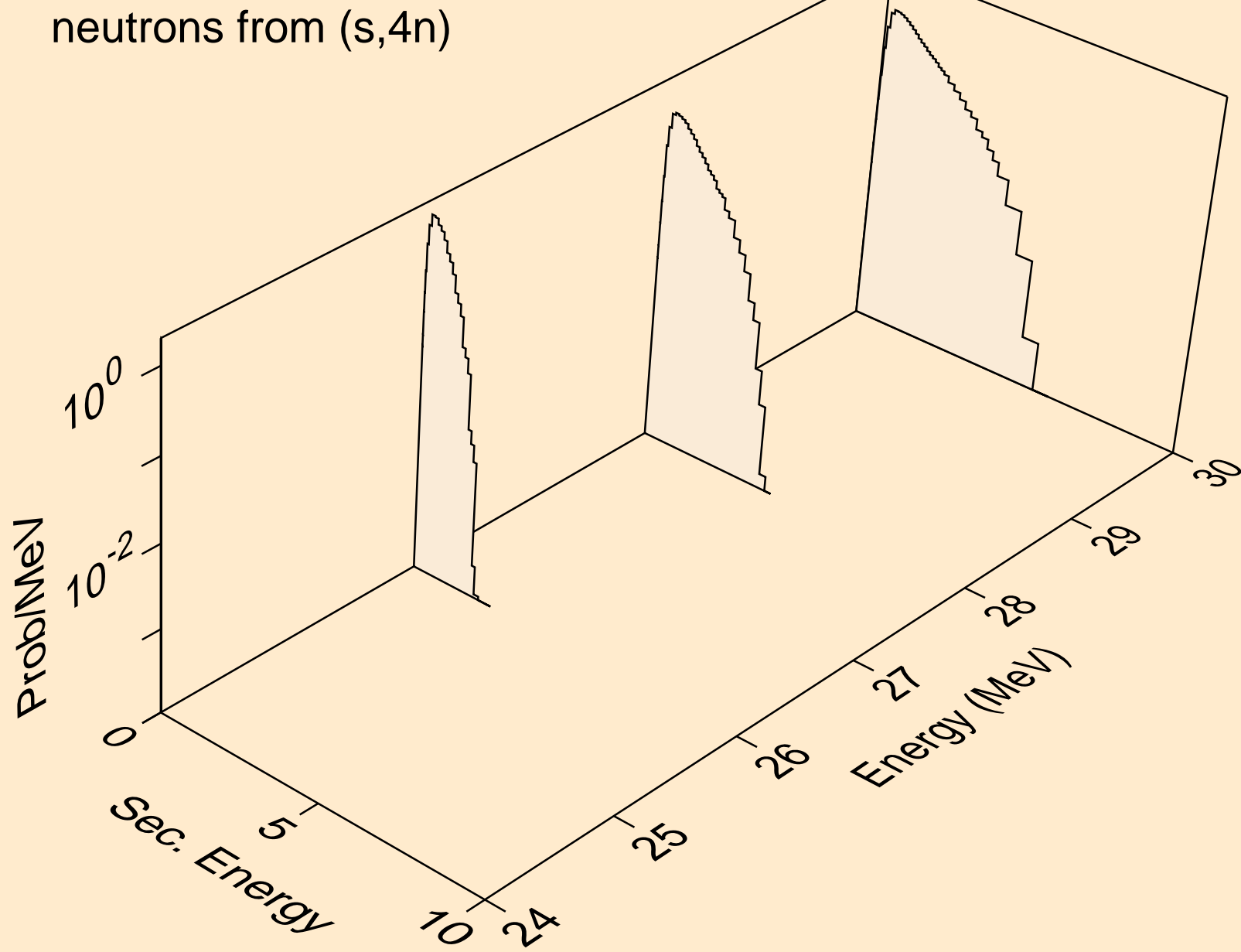
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

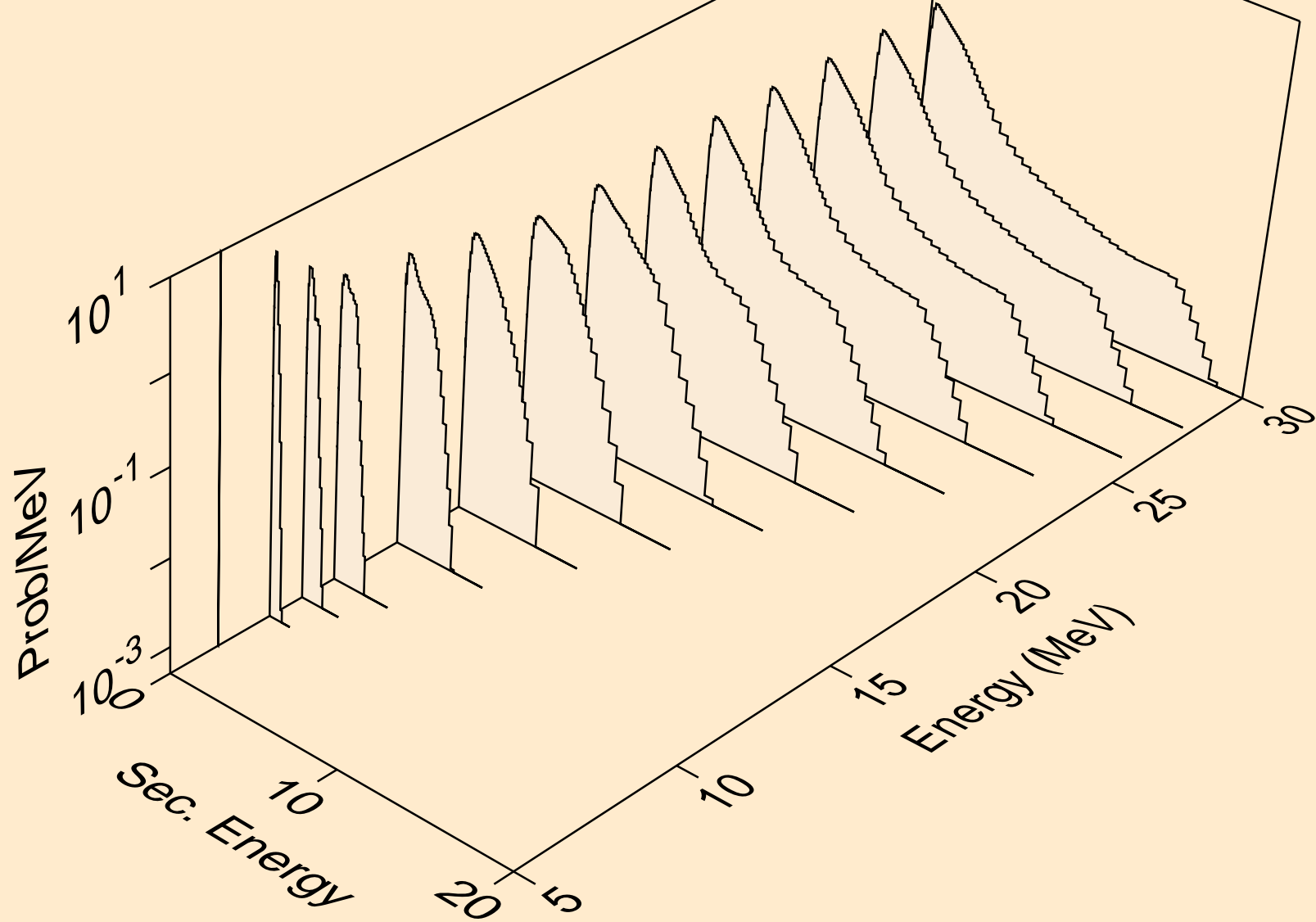


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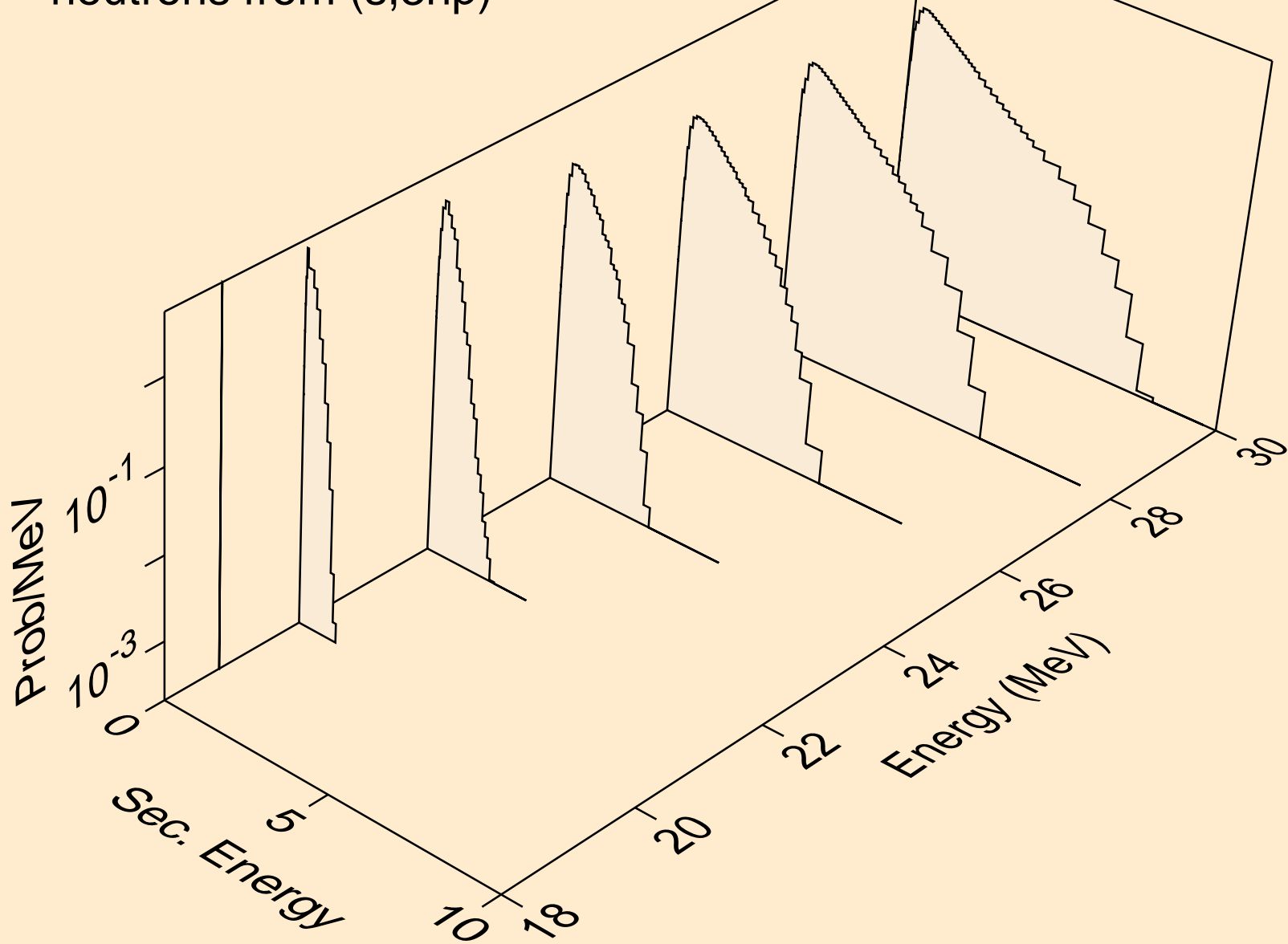




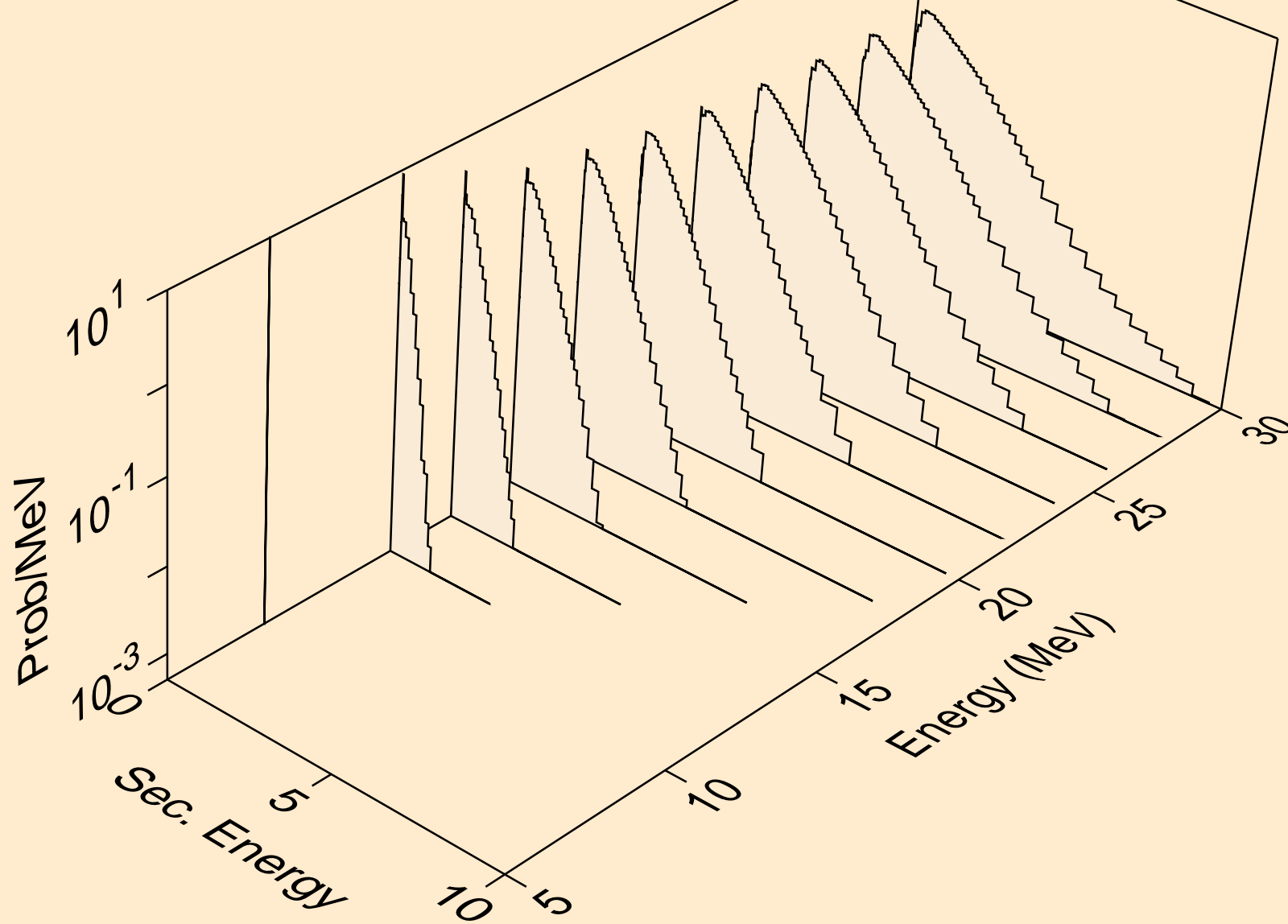
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neutrons from (s,2np)



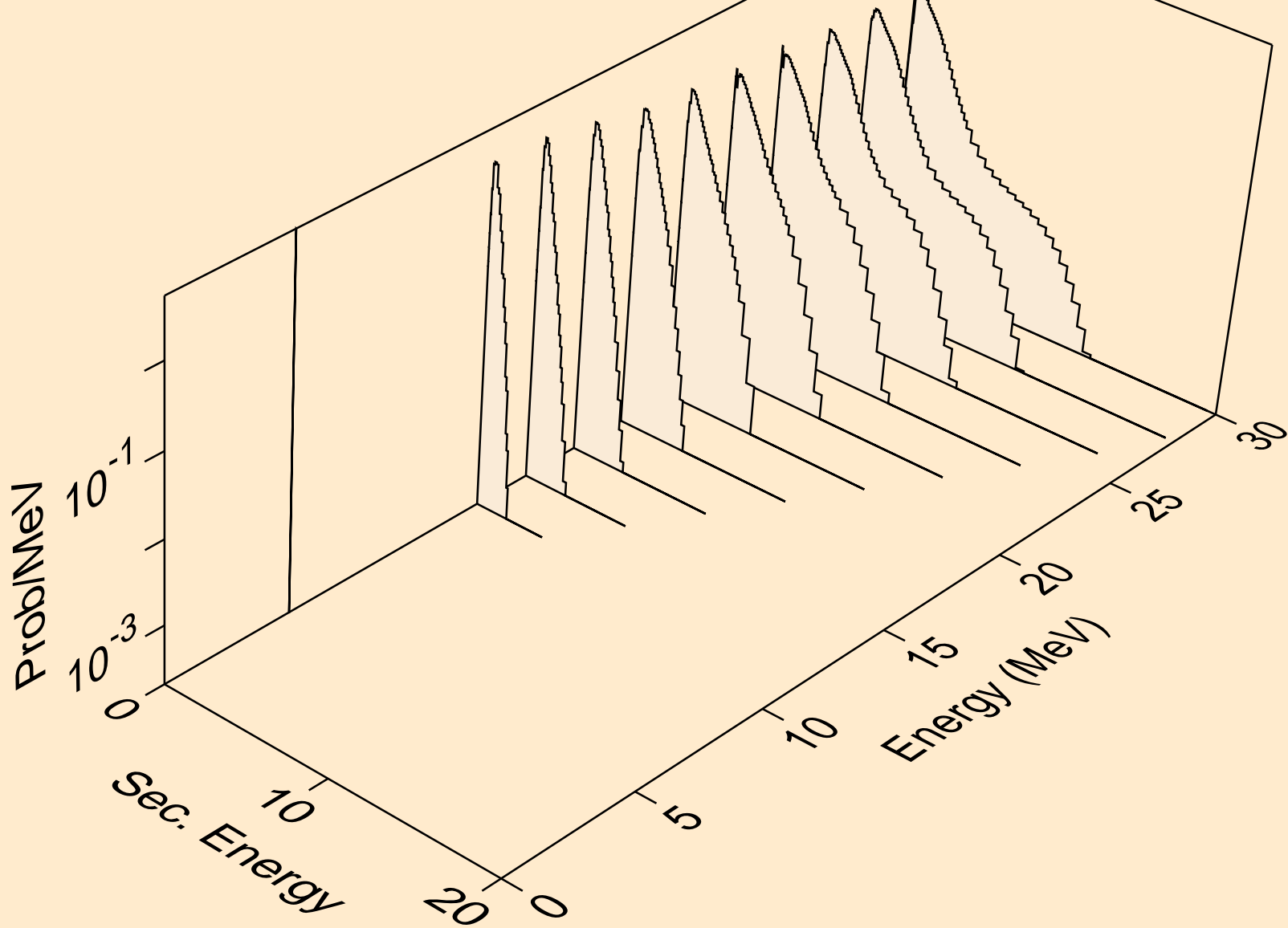
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neutrons from (s,3np)



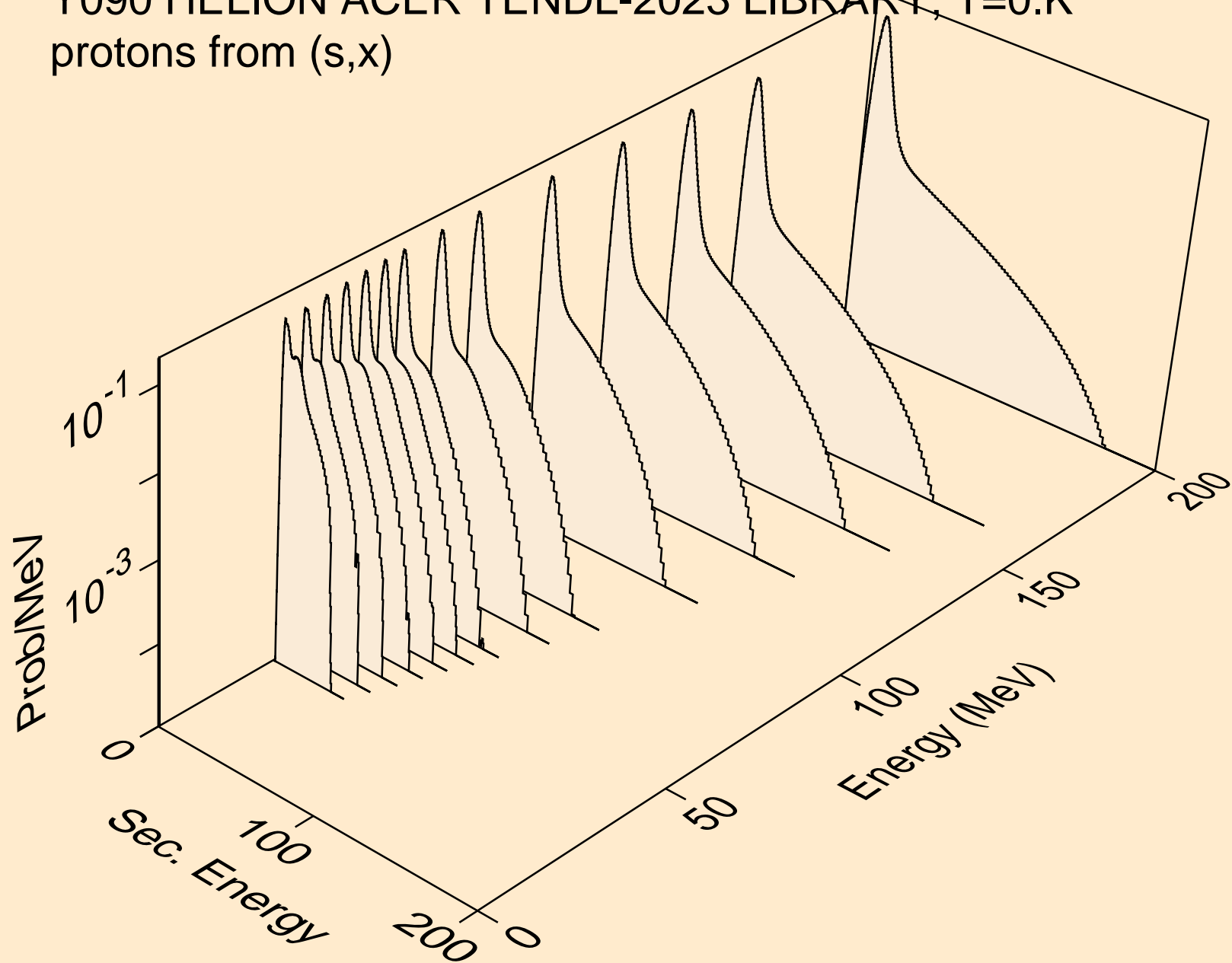
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



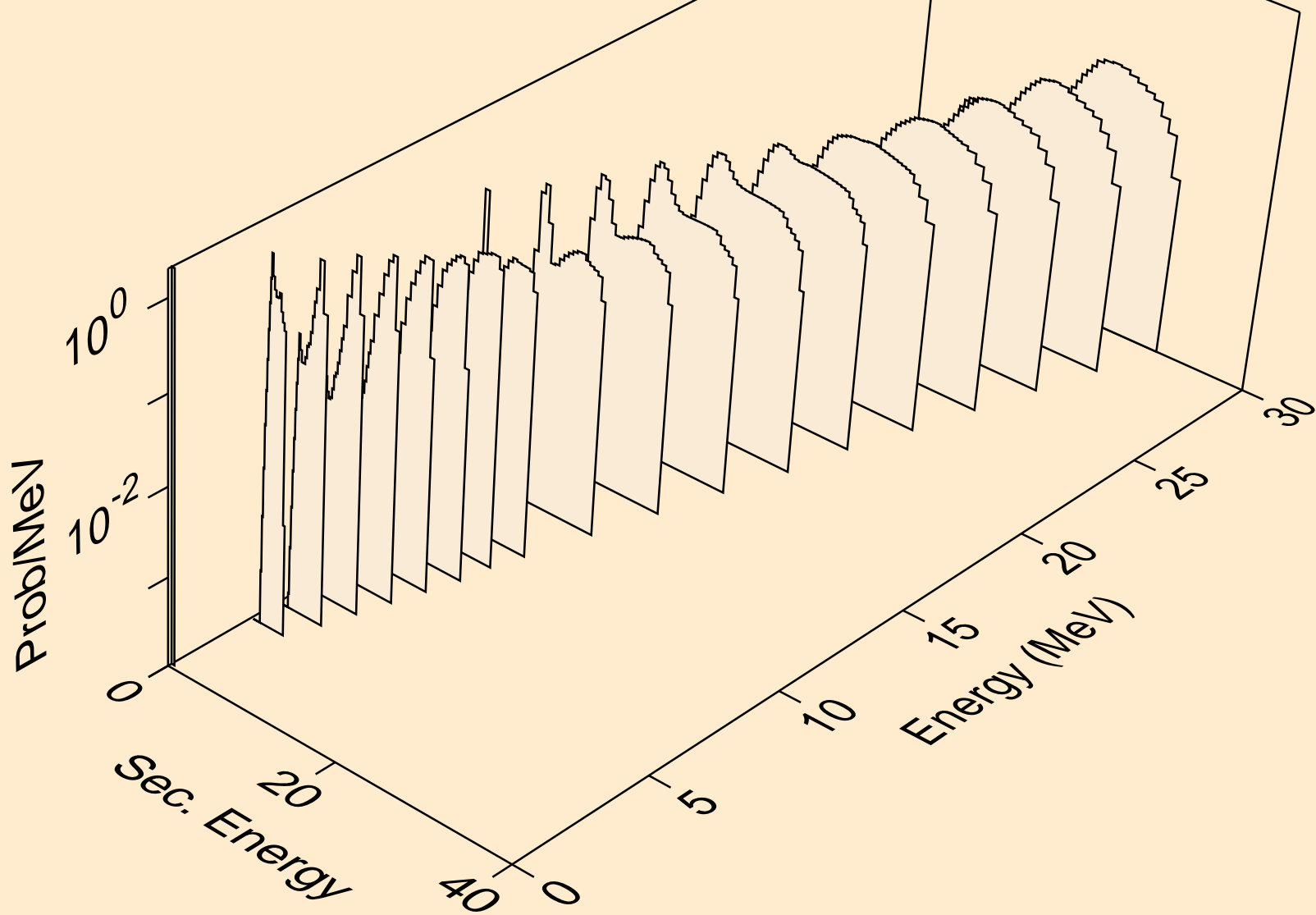
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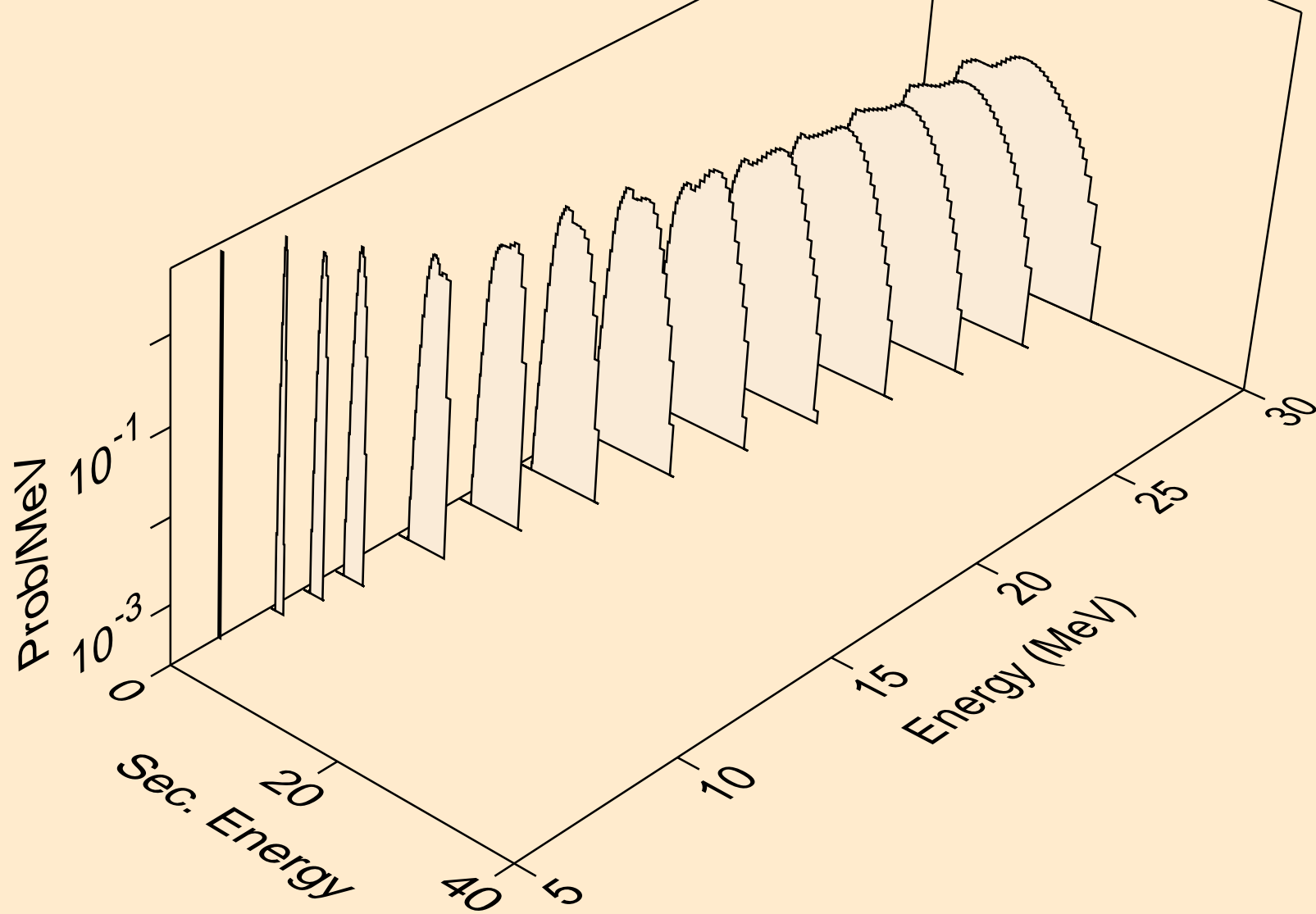
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protons from (s,x)



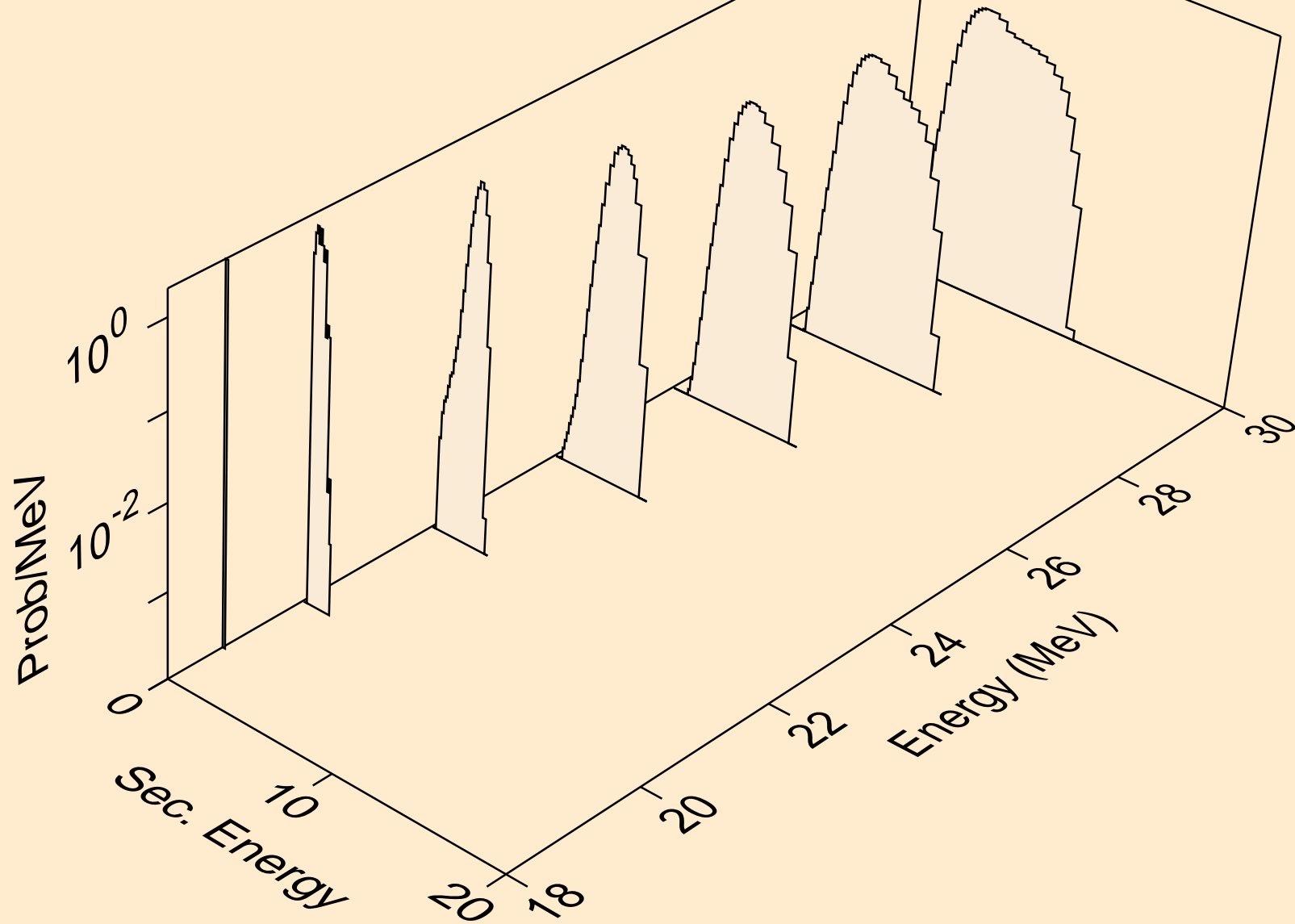
Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

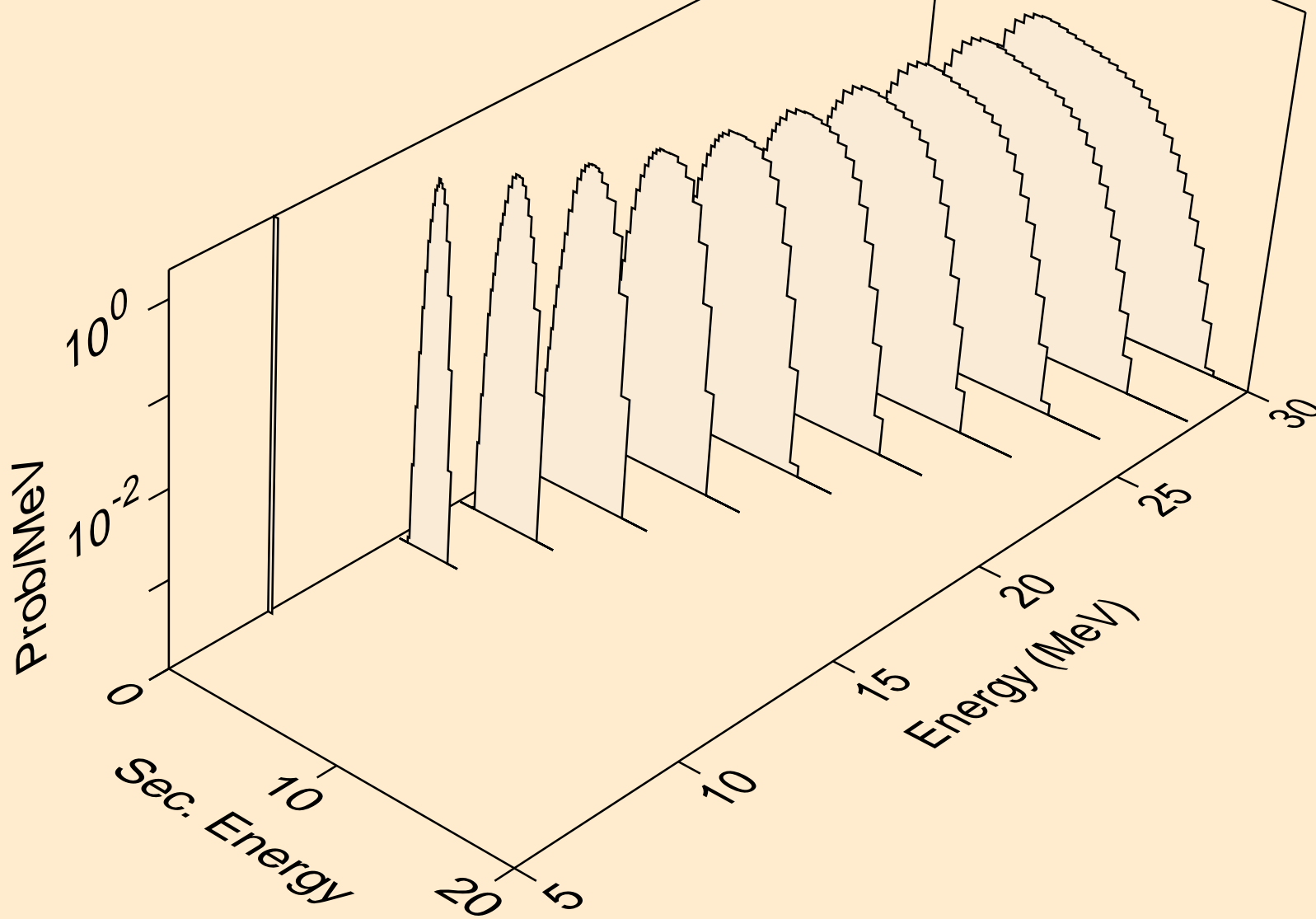


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protons from (s,3np)

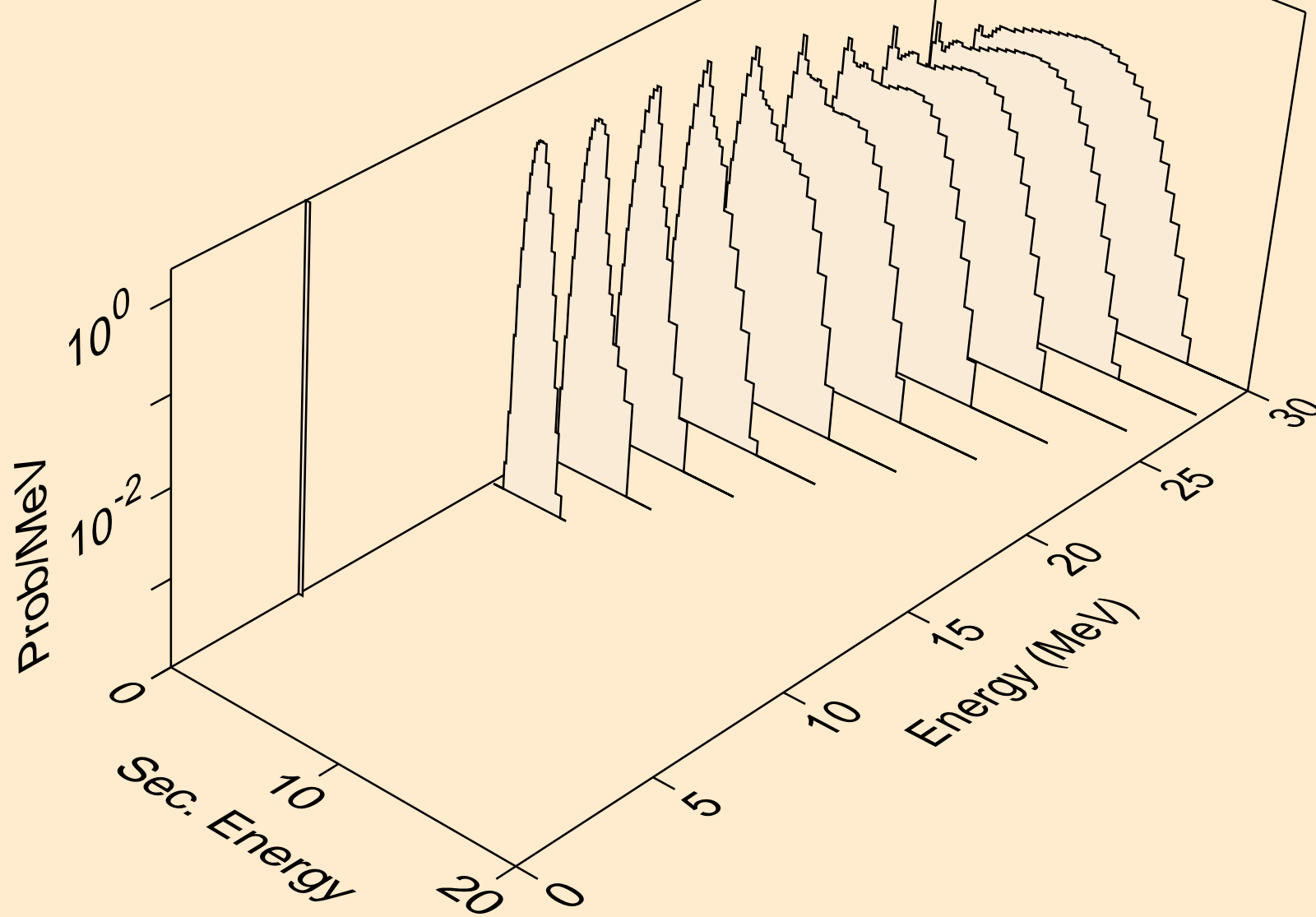




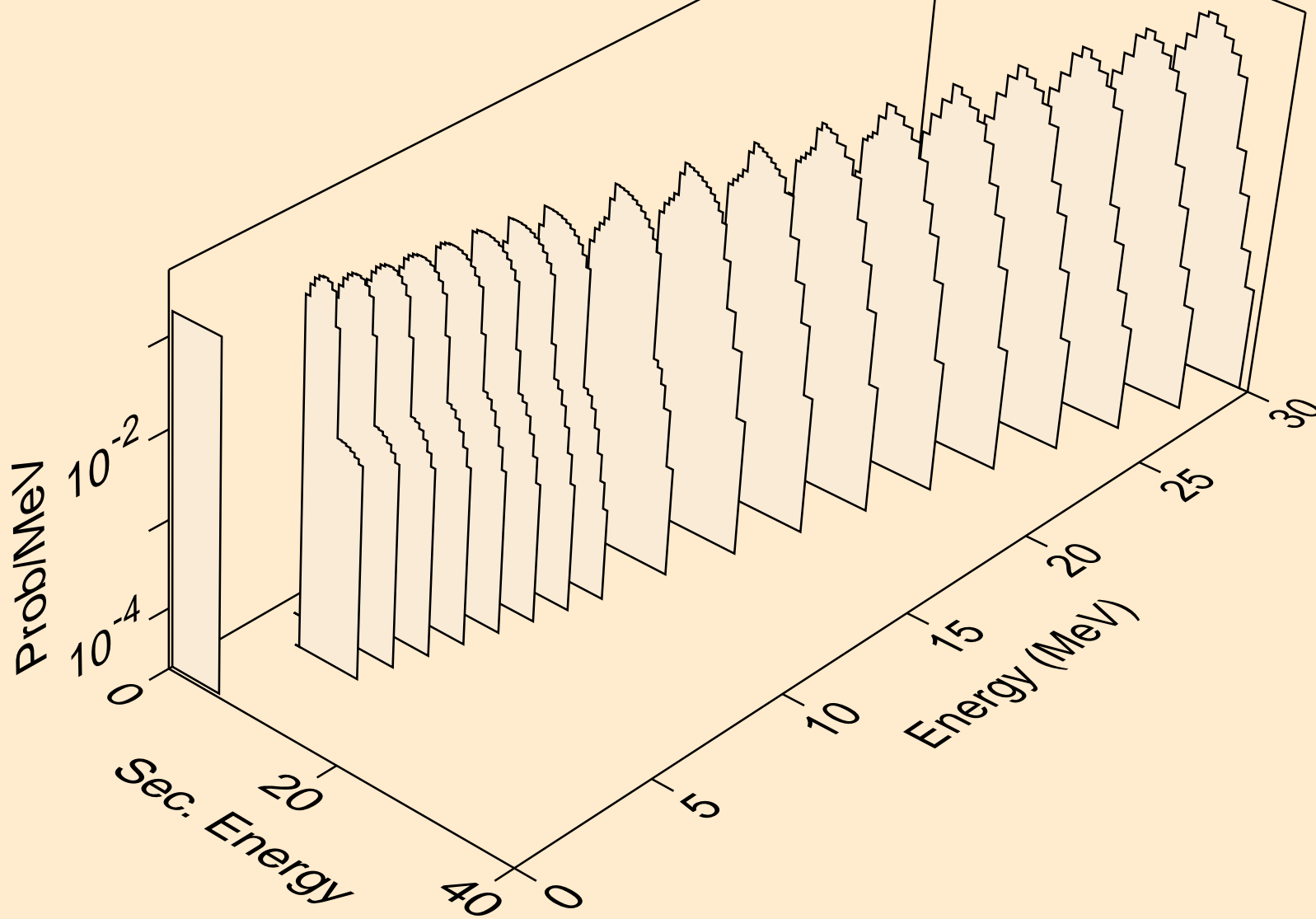
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protons from (s,n2p)



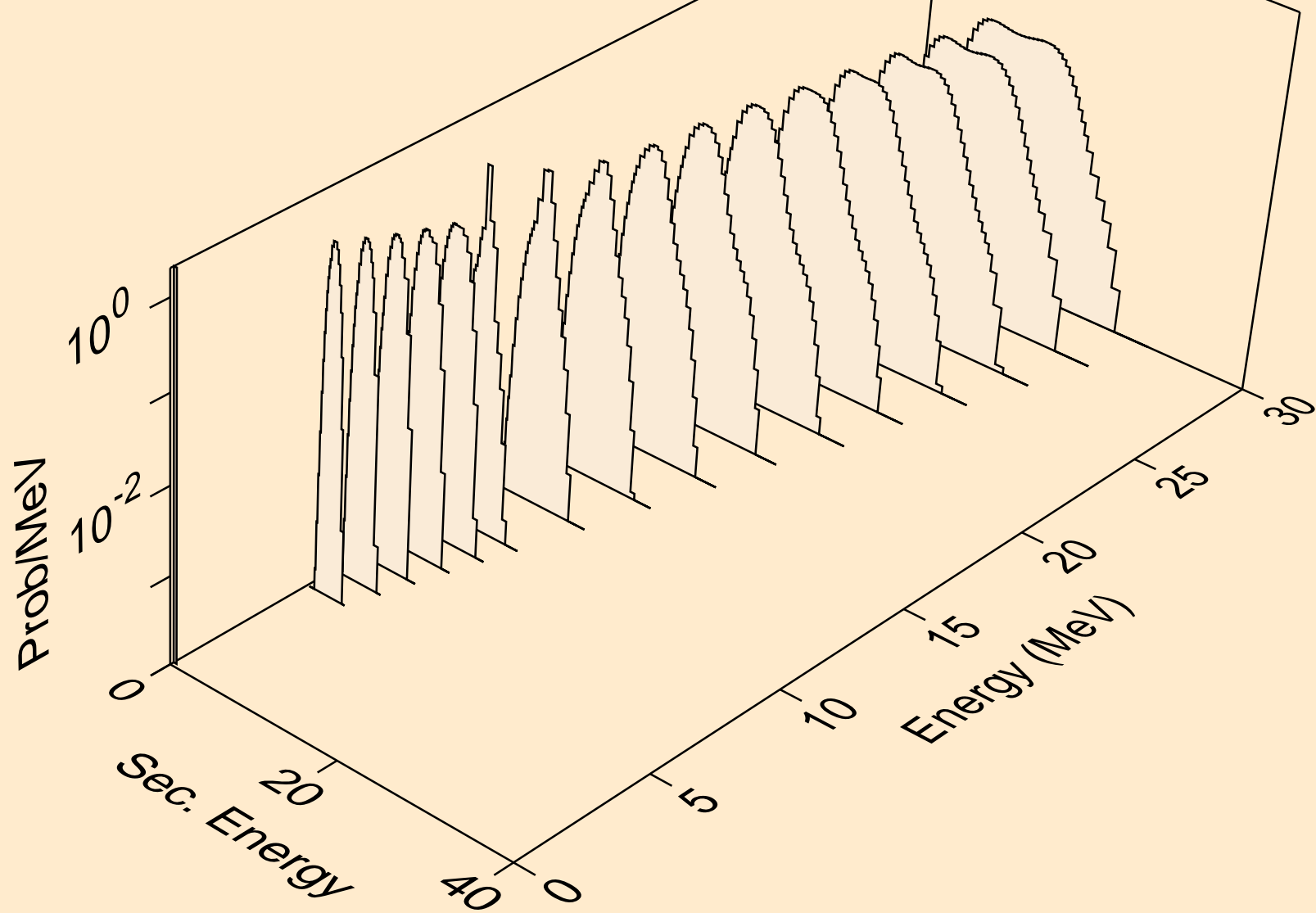
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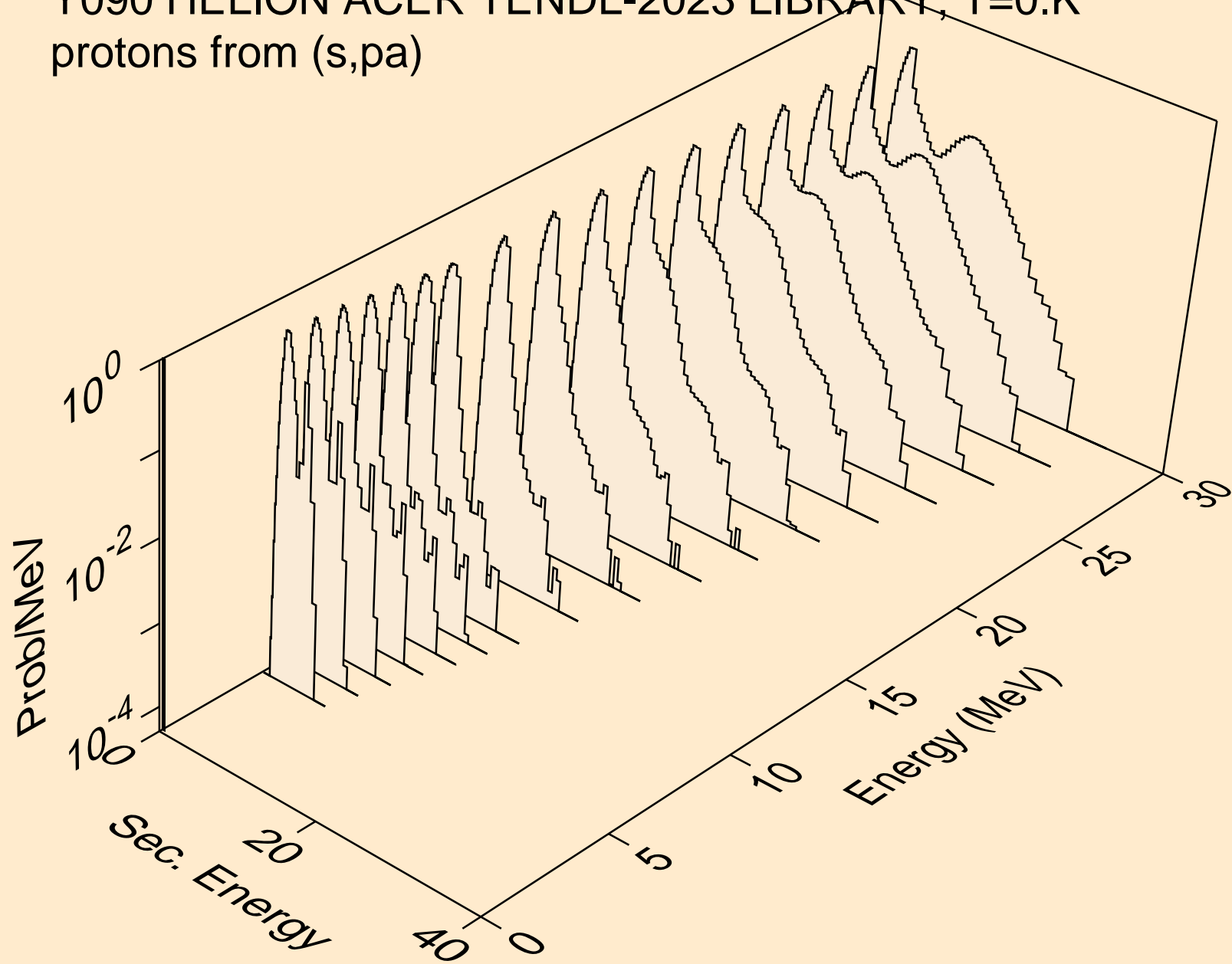
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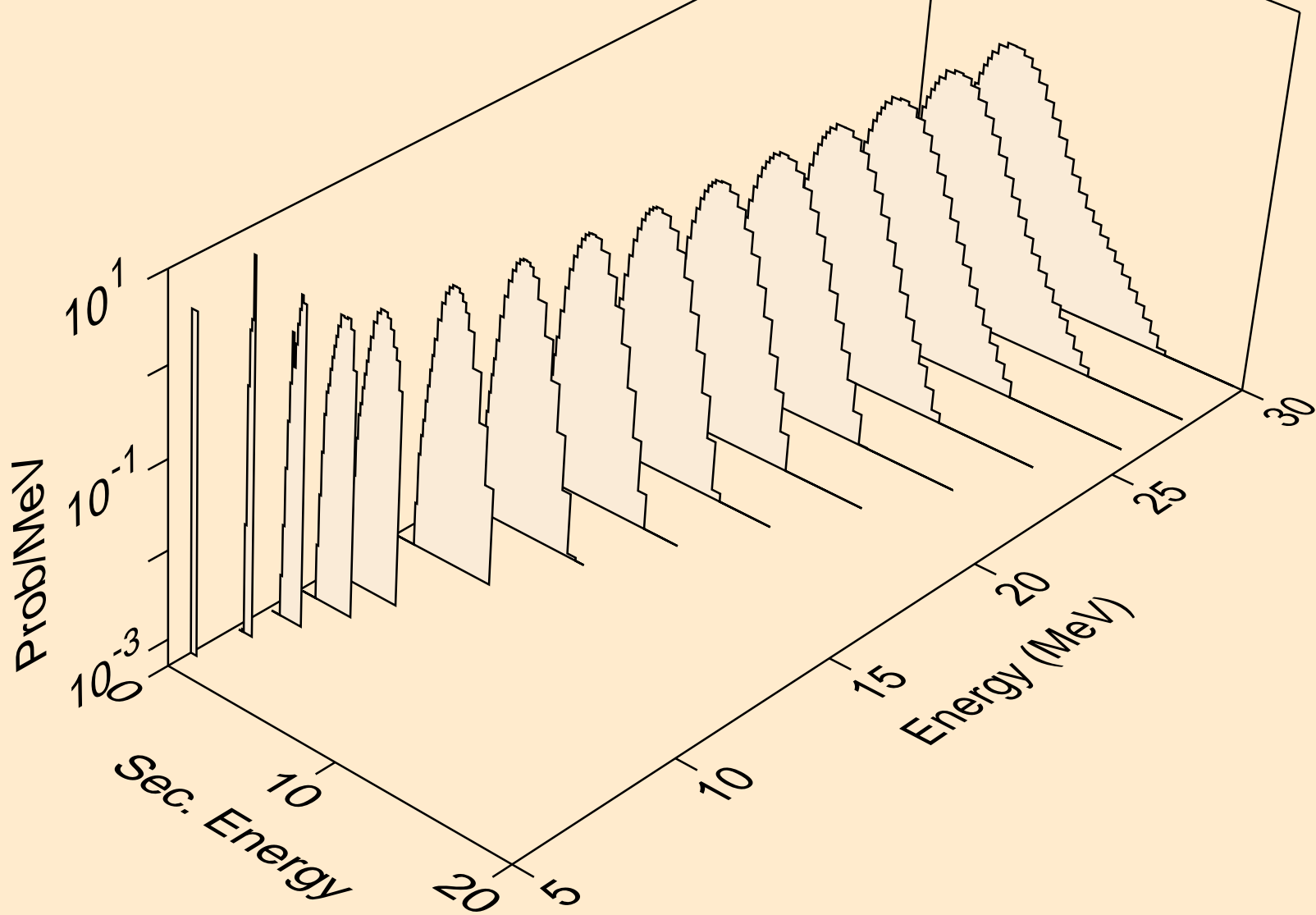
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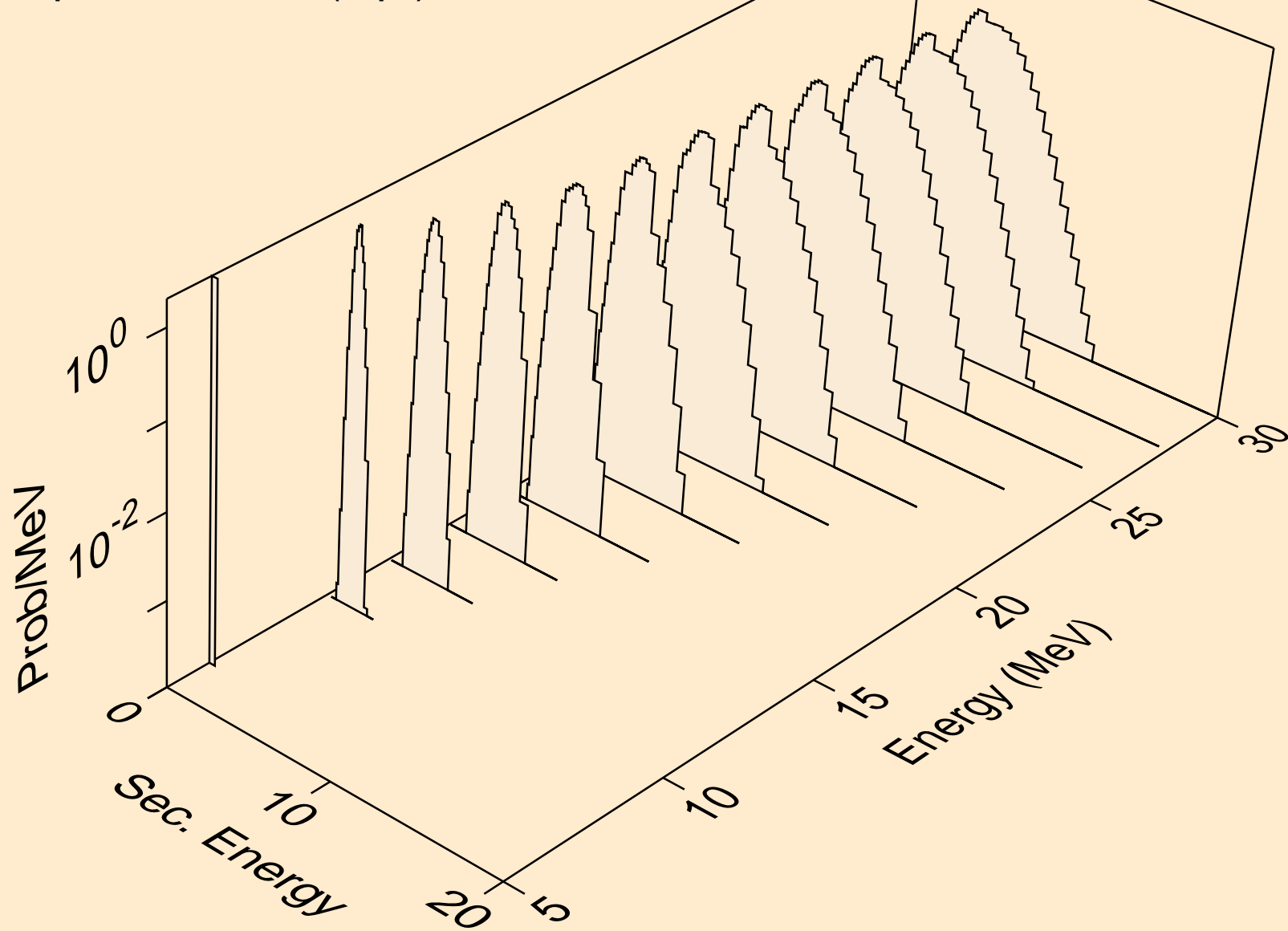
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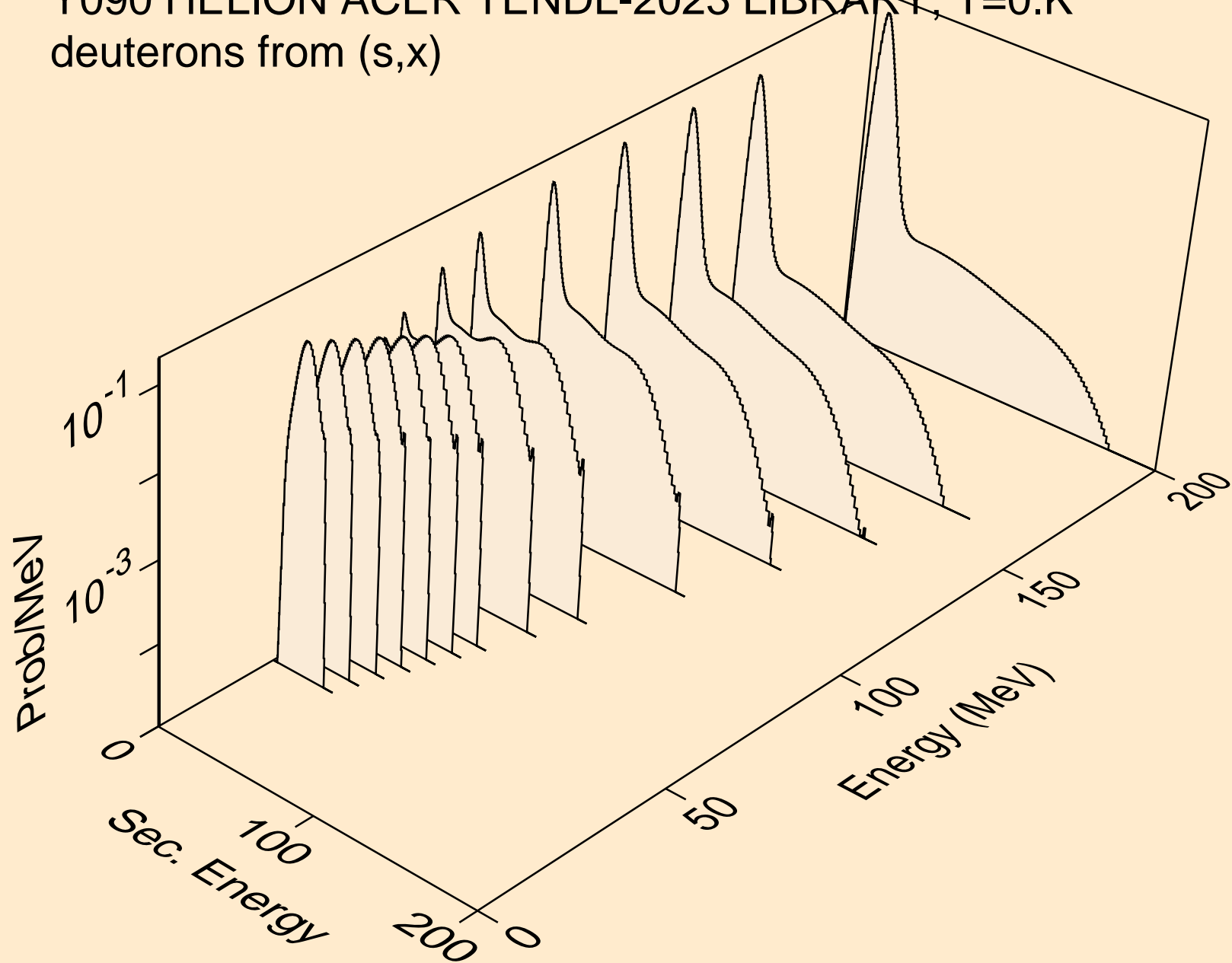
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protons from (s,pd)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

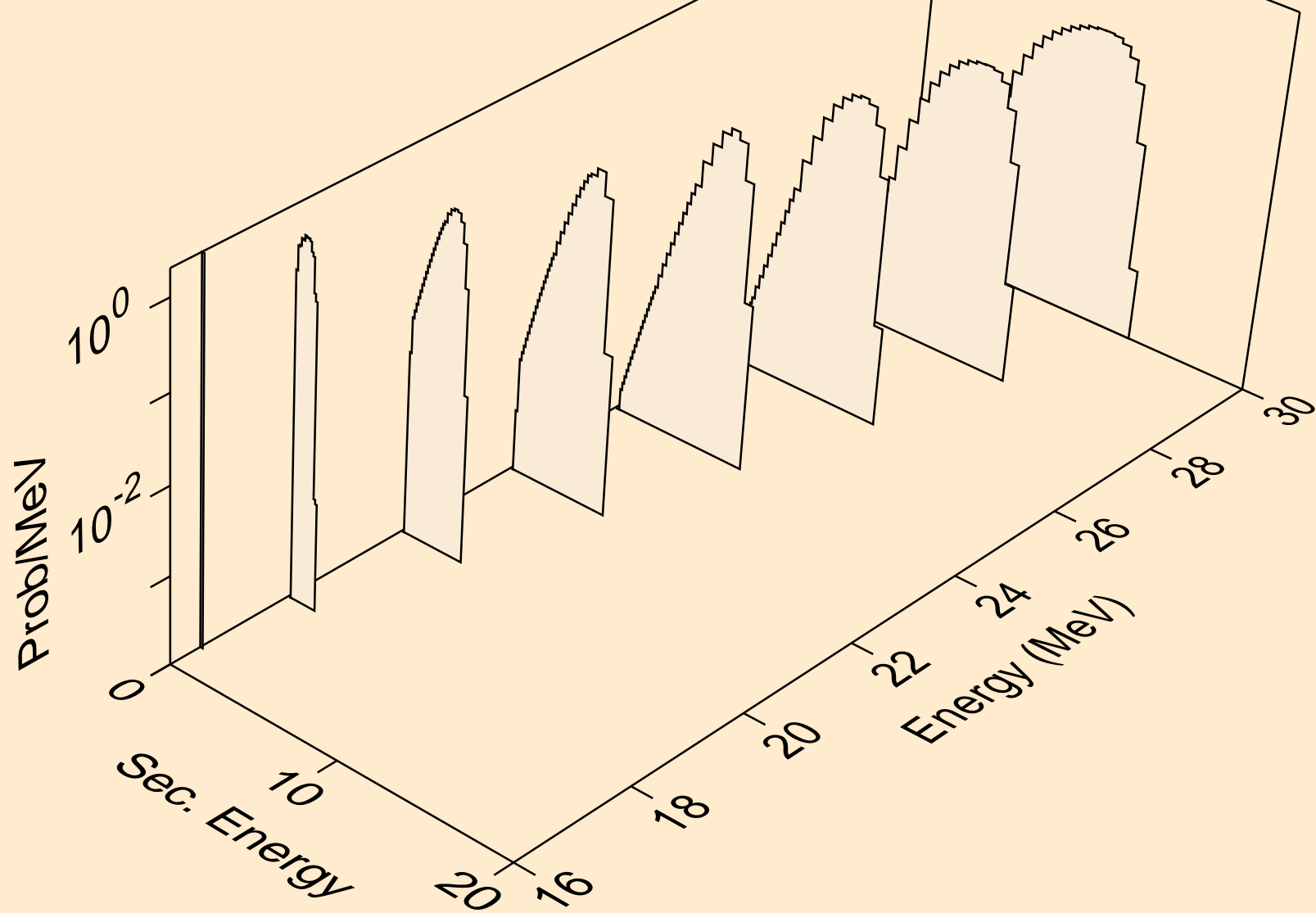


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

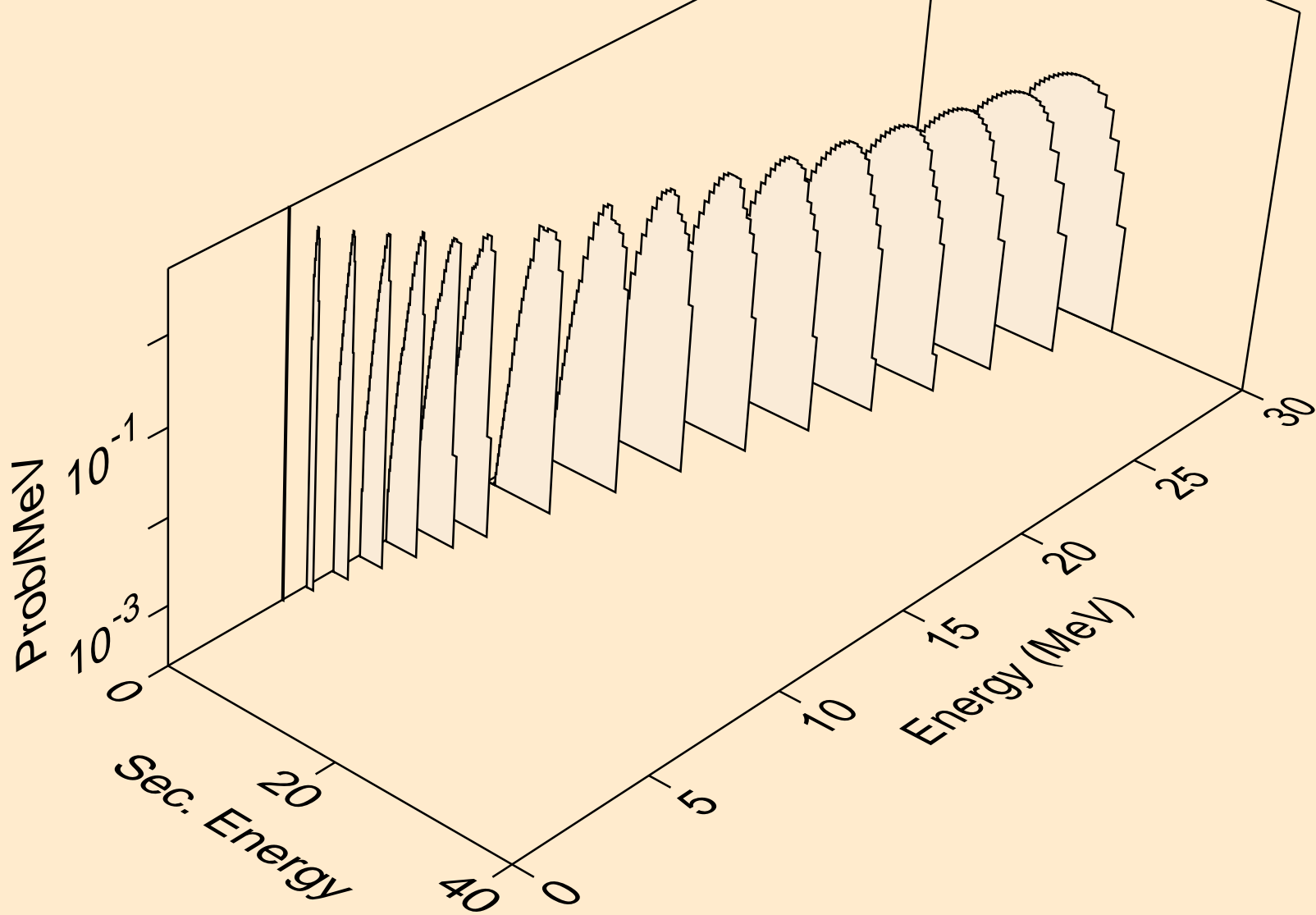




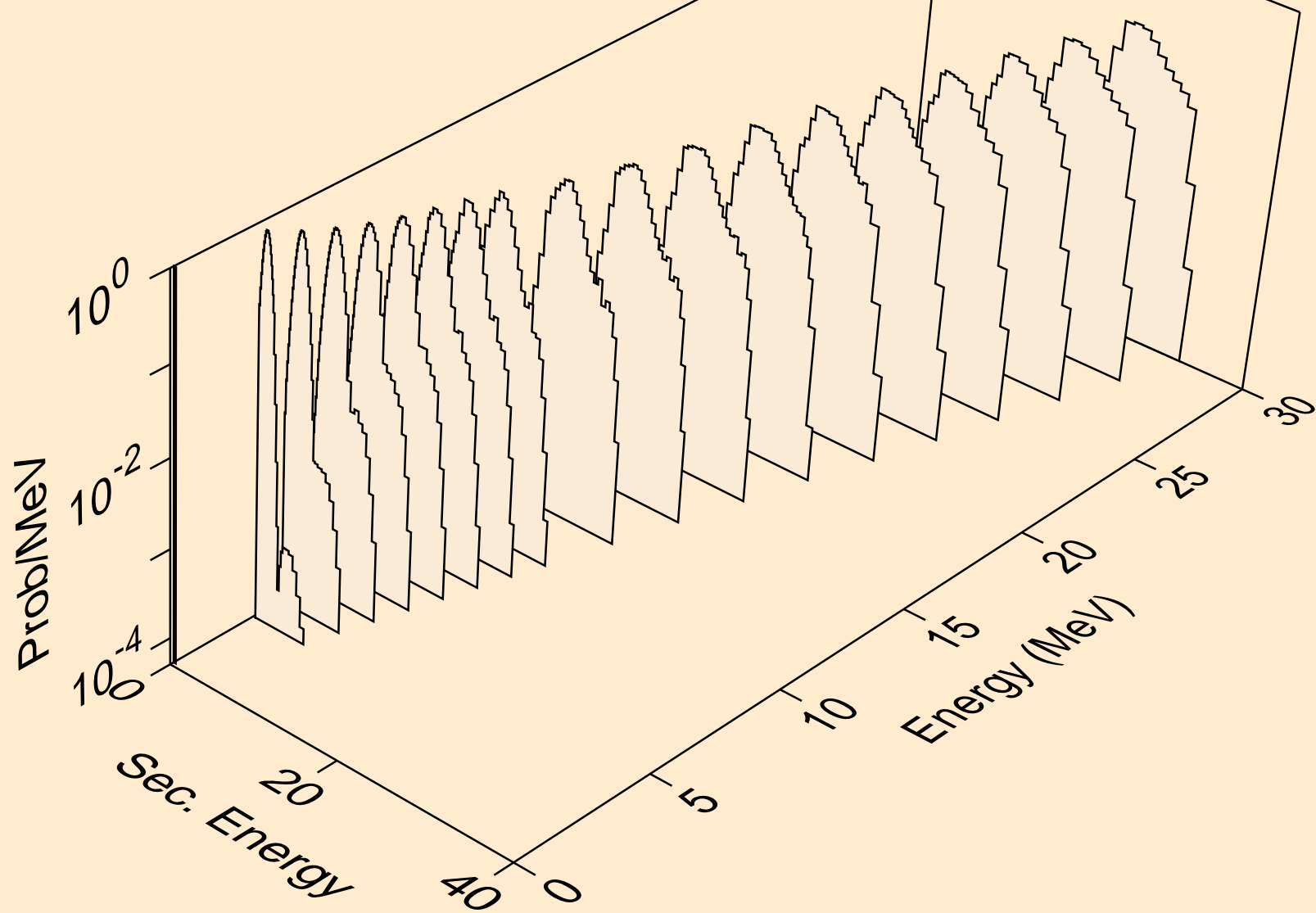
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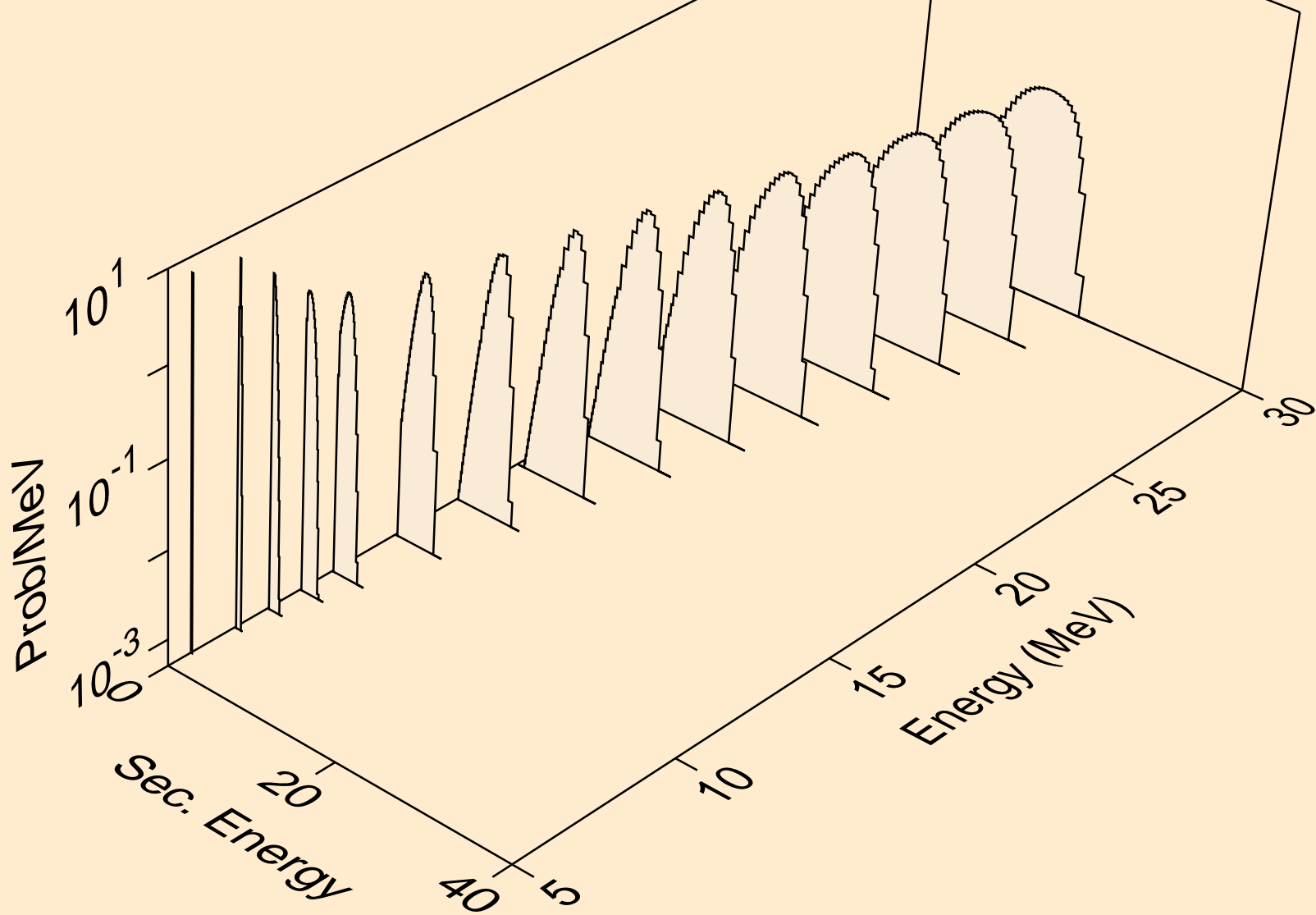
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deuterons from (s,n\*)d



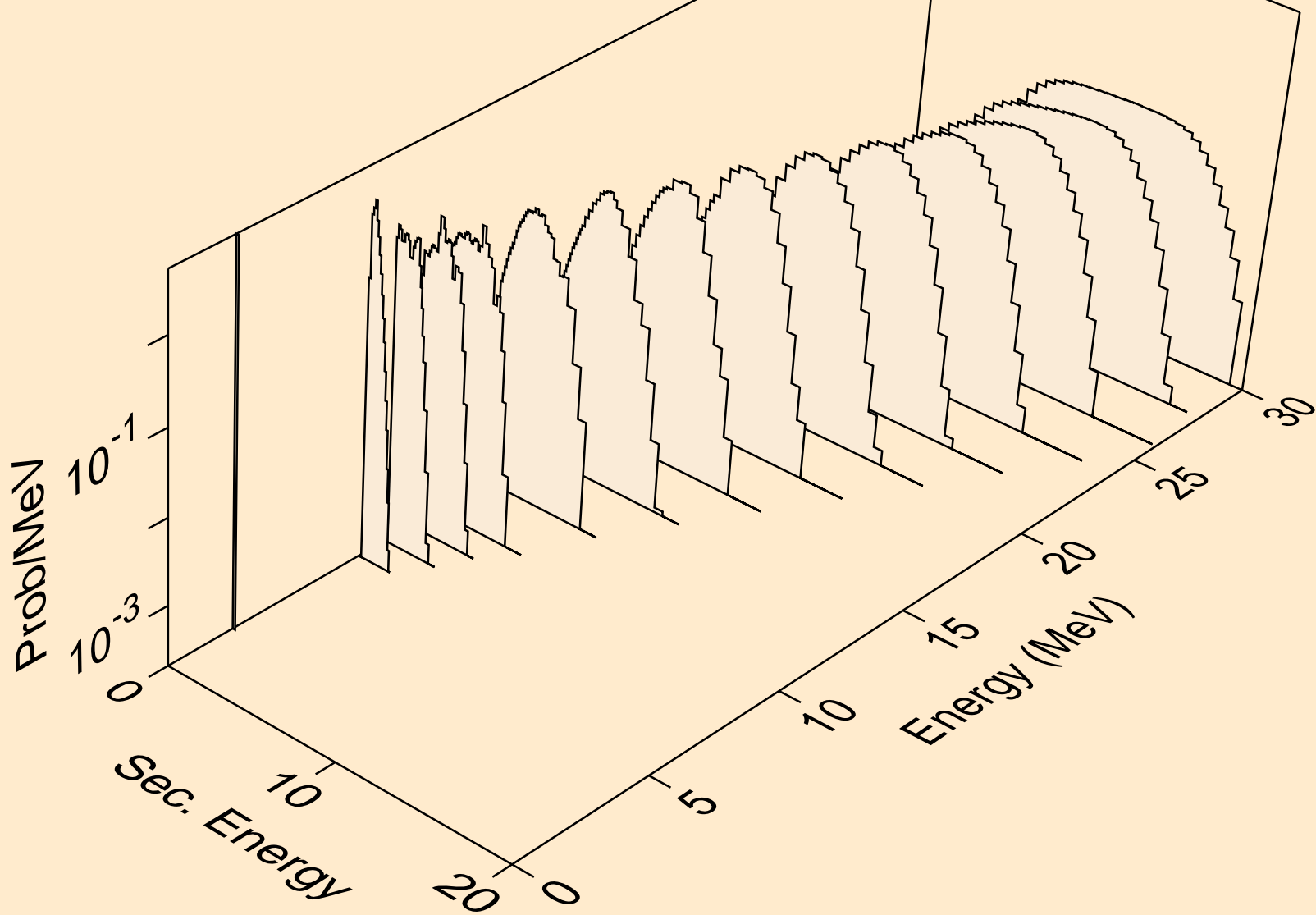
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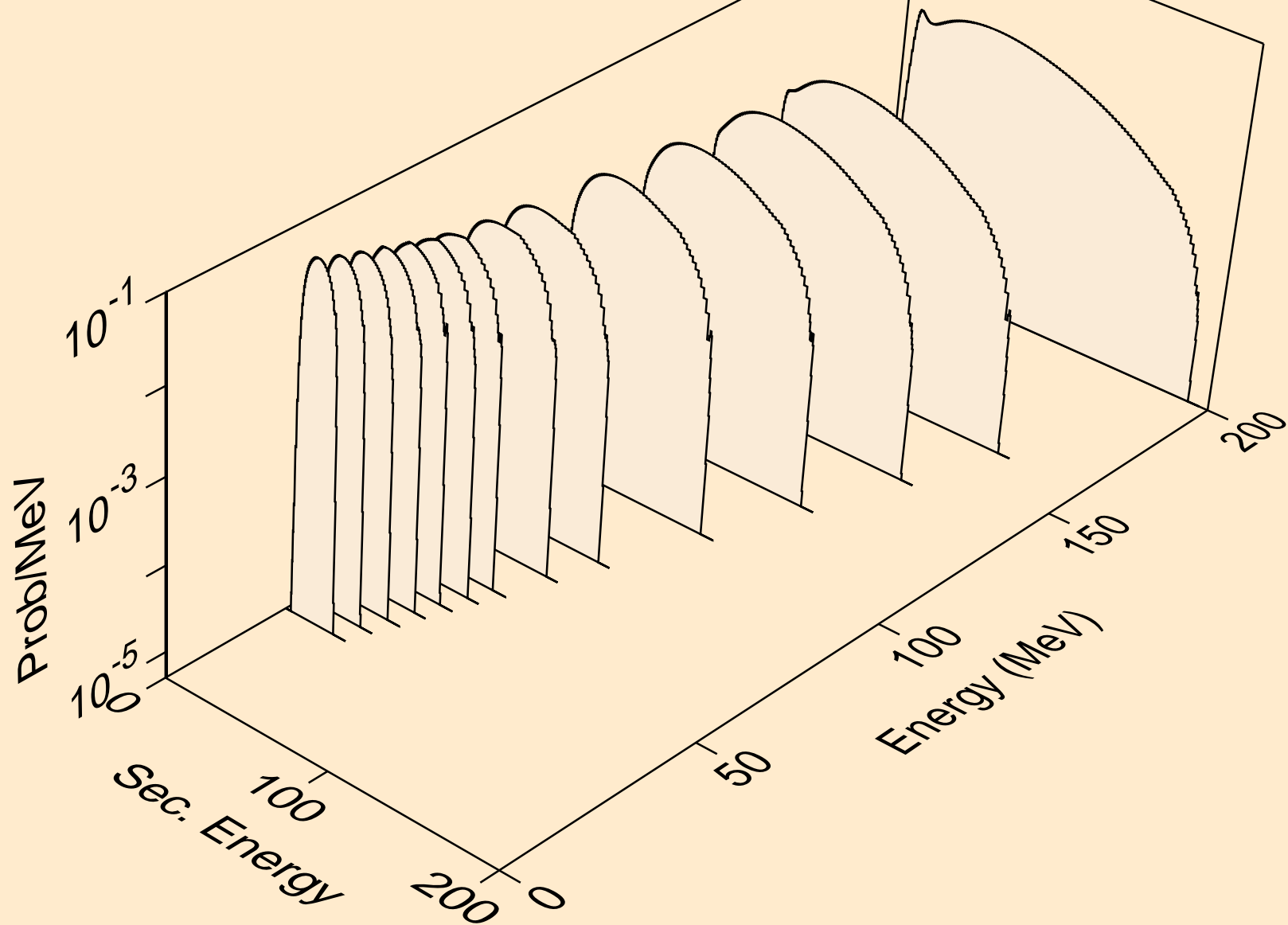
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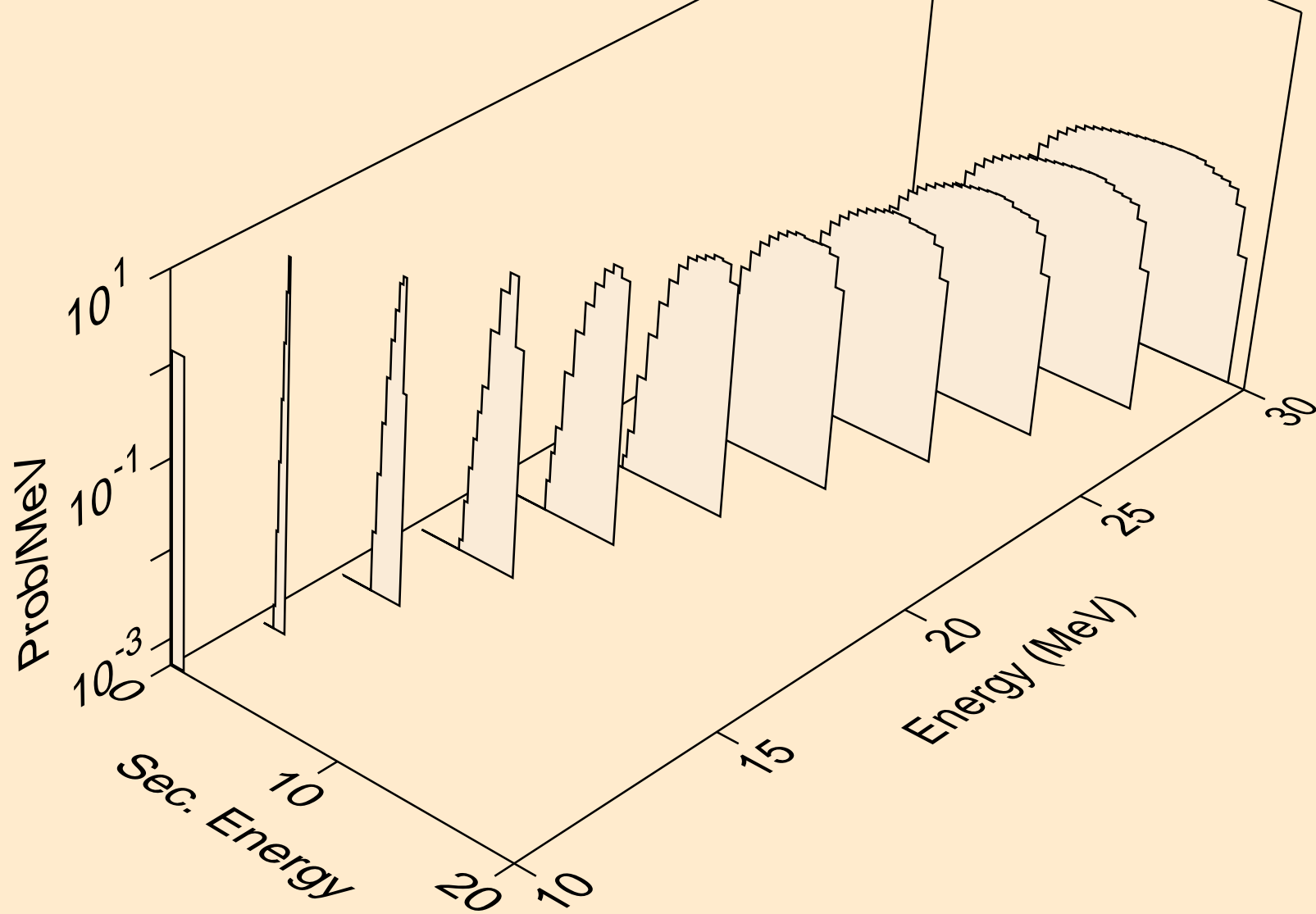
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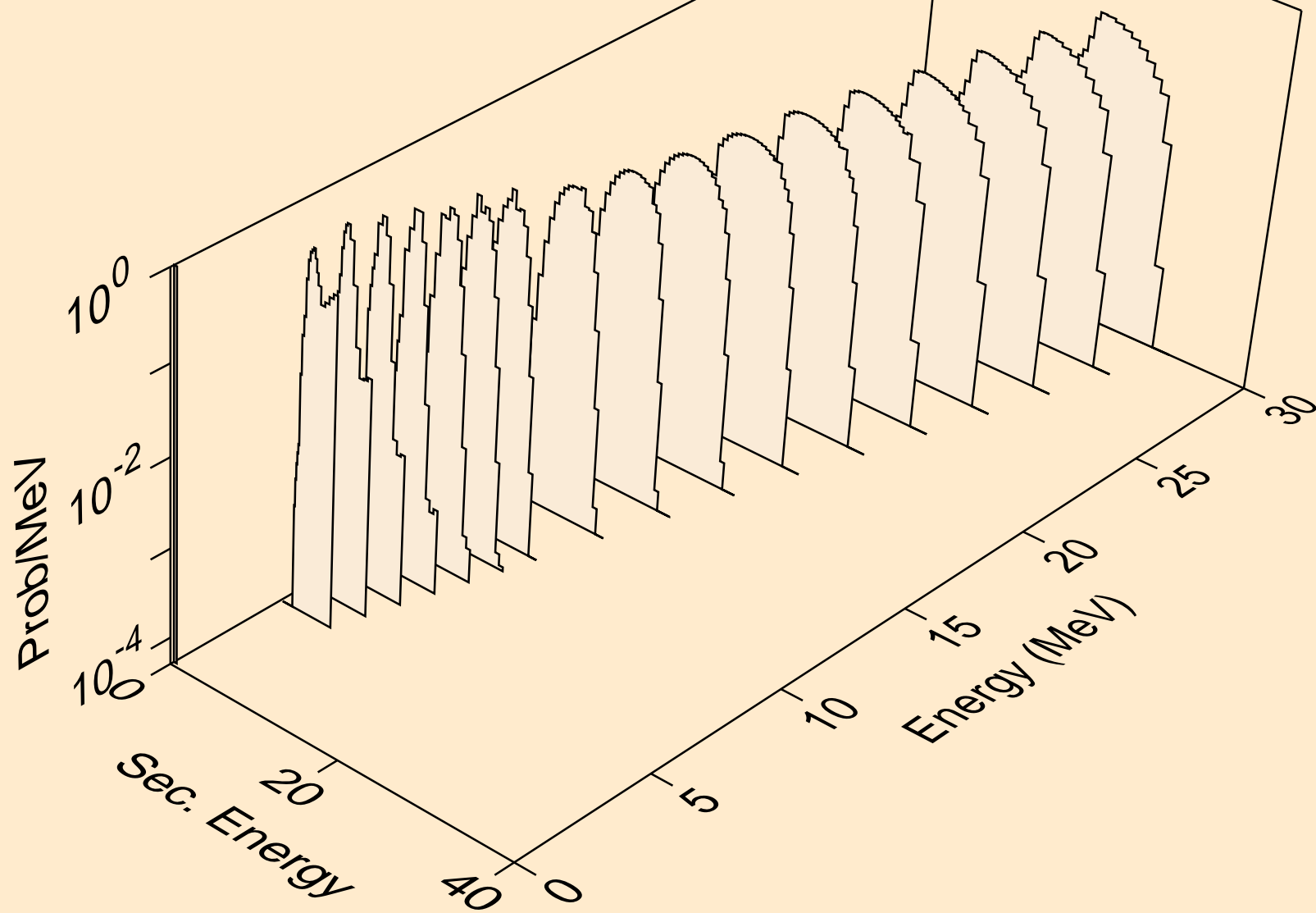
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tritons from (s,x)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

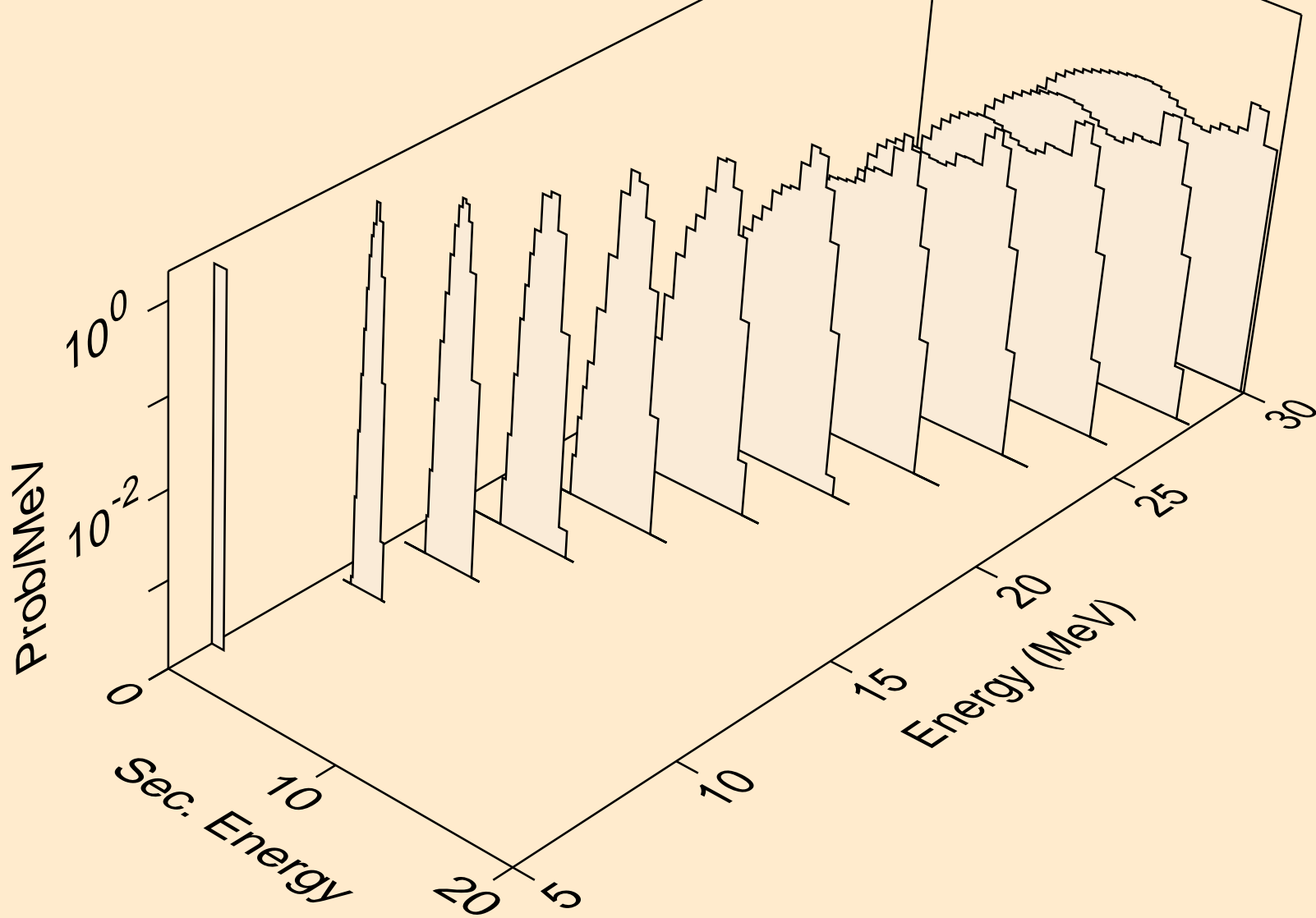


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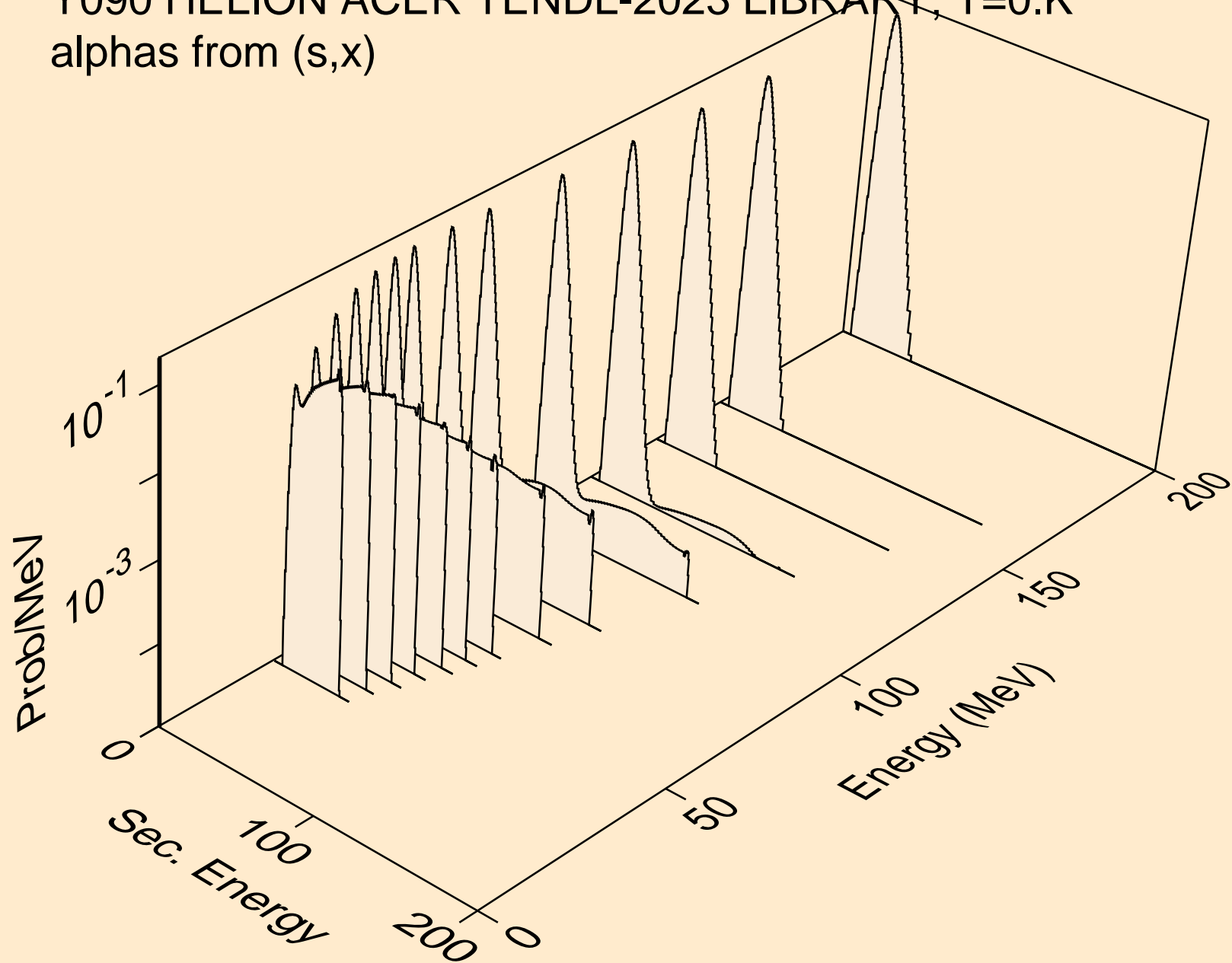




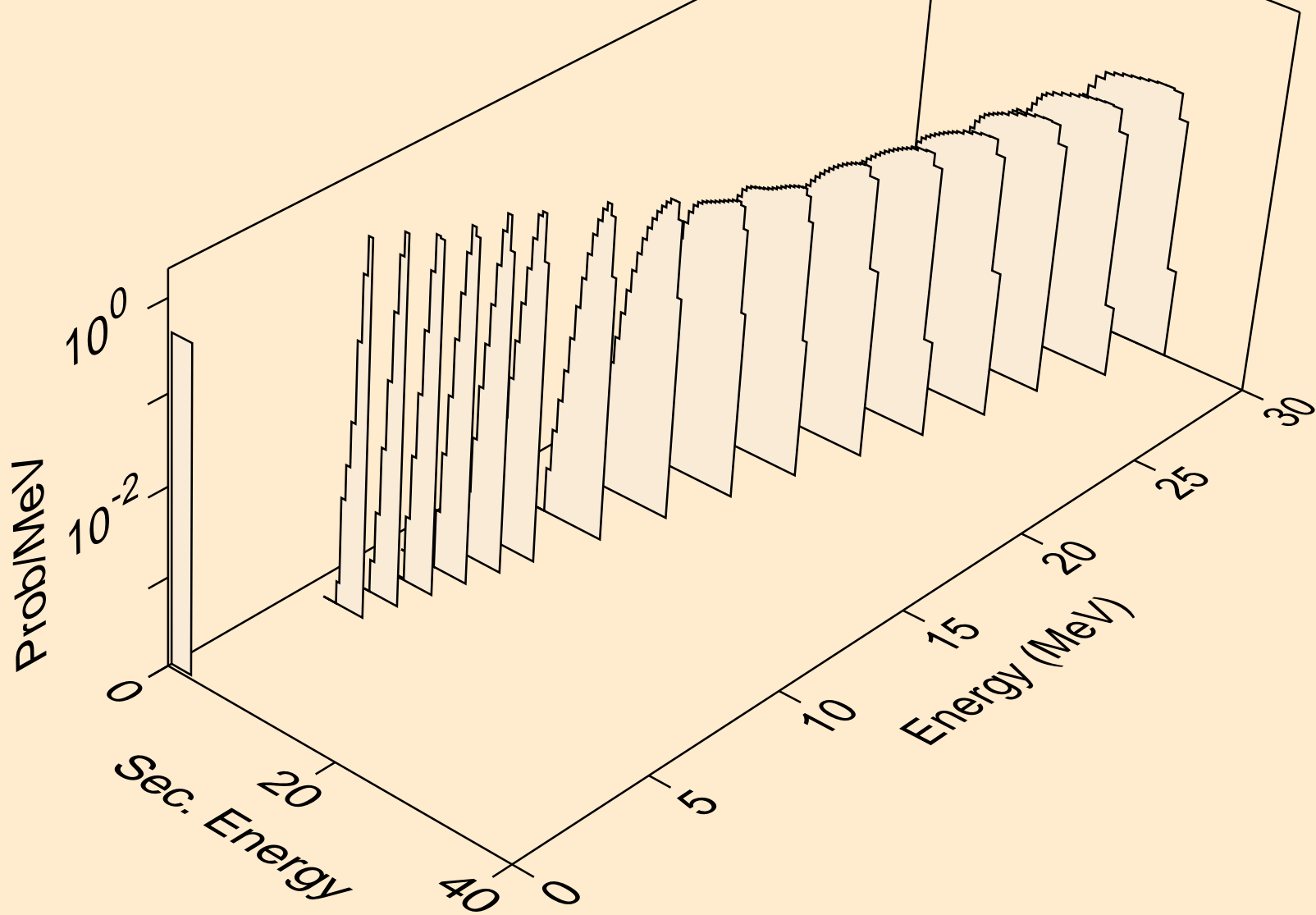
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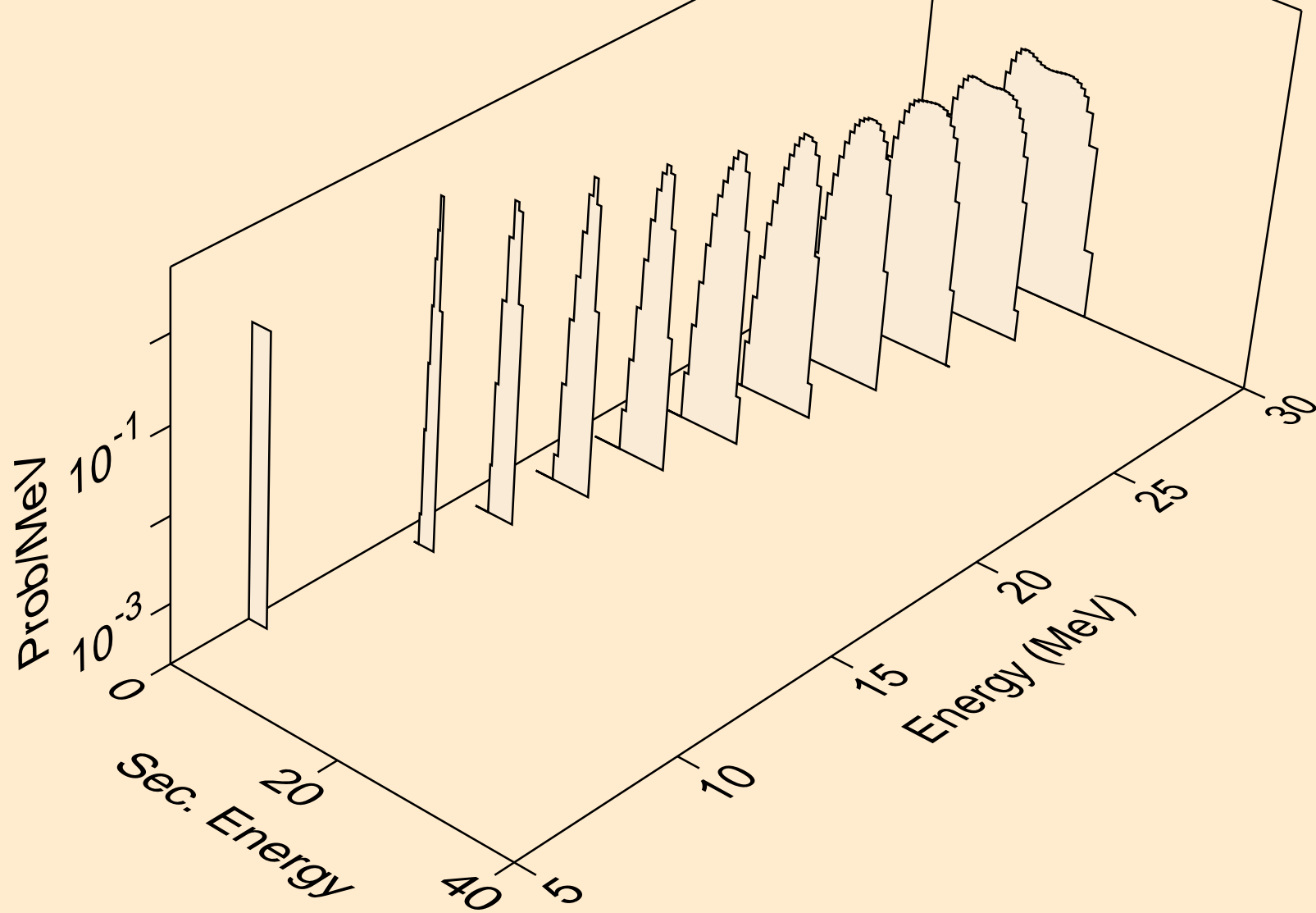
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alphas from (s,x)



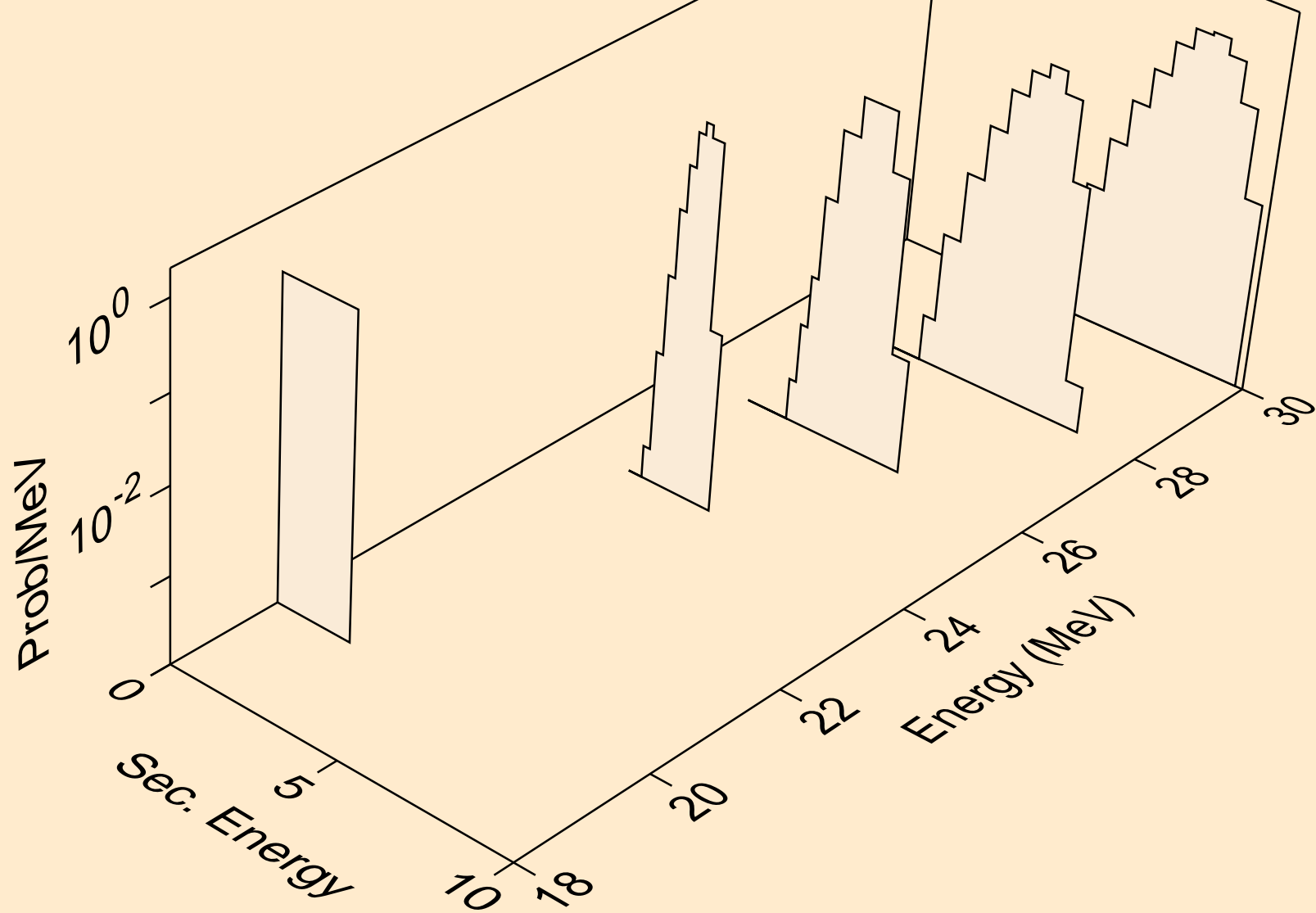
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alphas from (s,n\*)a



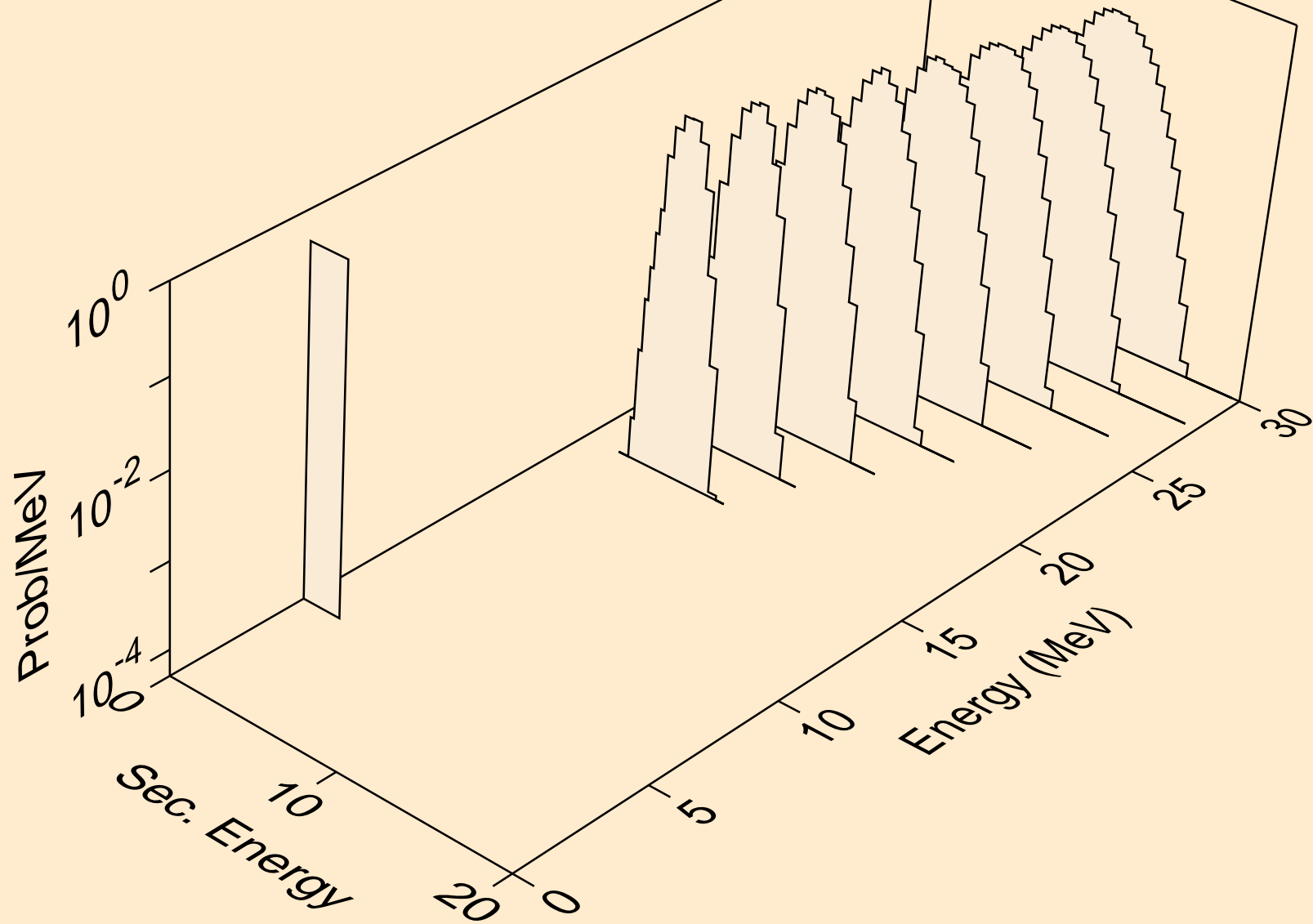
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alphas from (s,2n)a



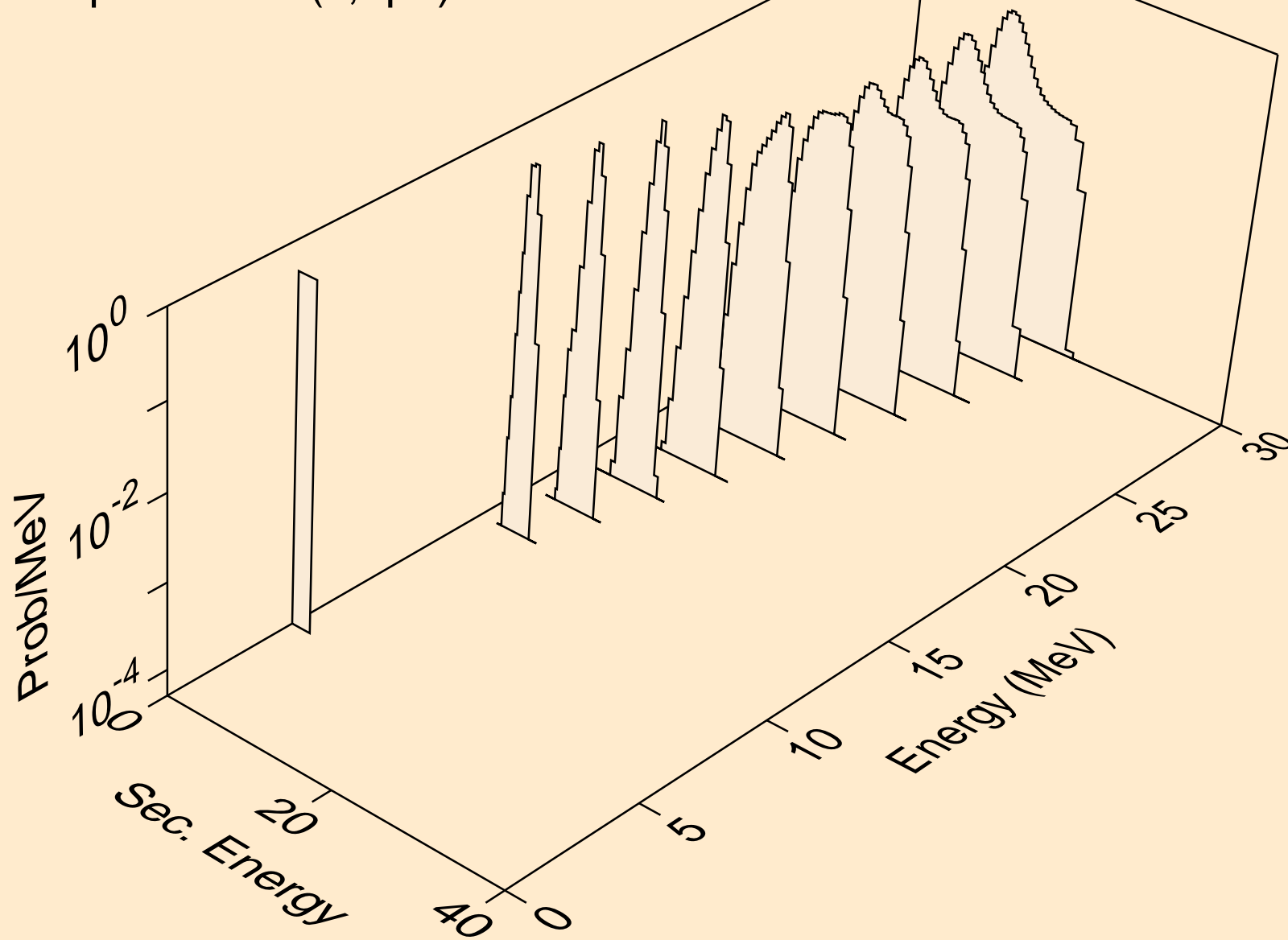
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alphas from (s,3n)a



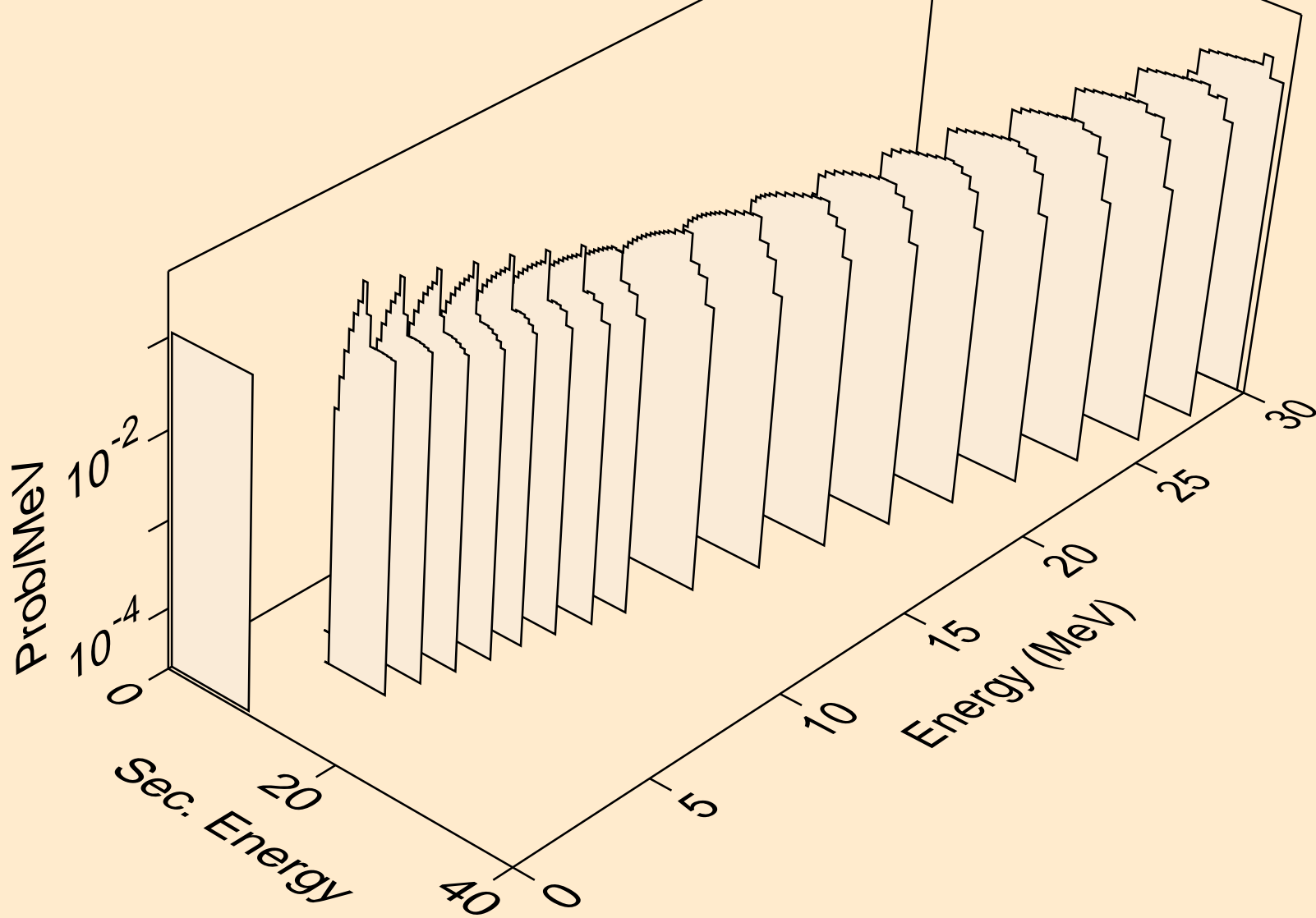
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alphas from (s,n\*)2a



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)

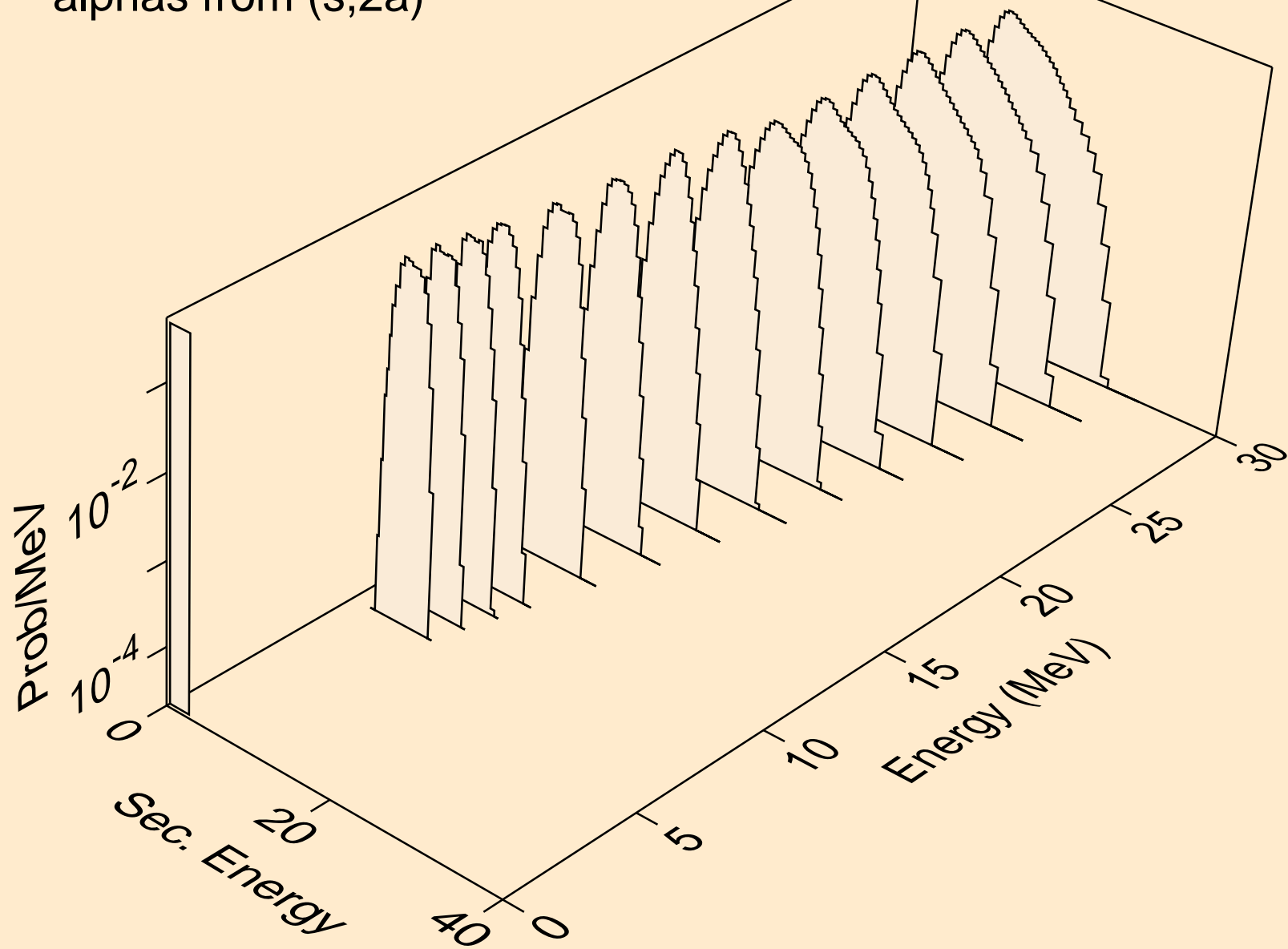


Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)

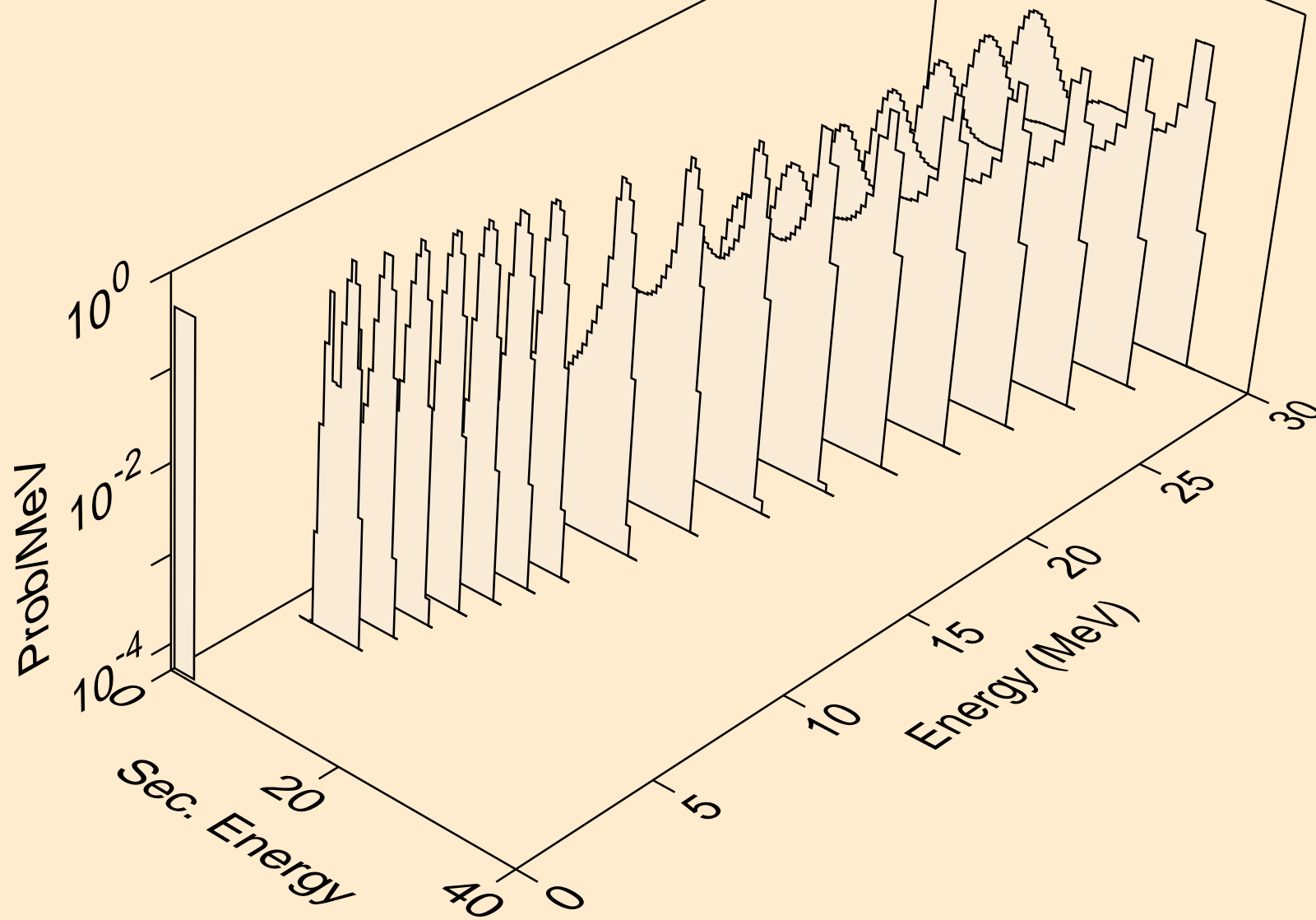




Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



Y090 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

