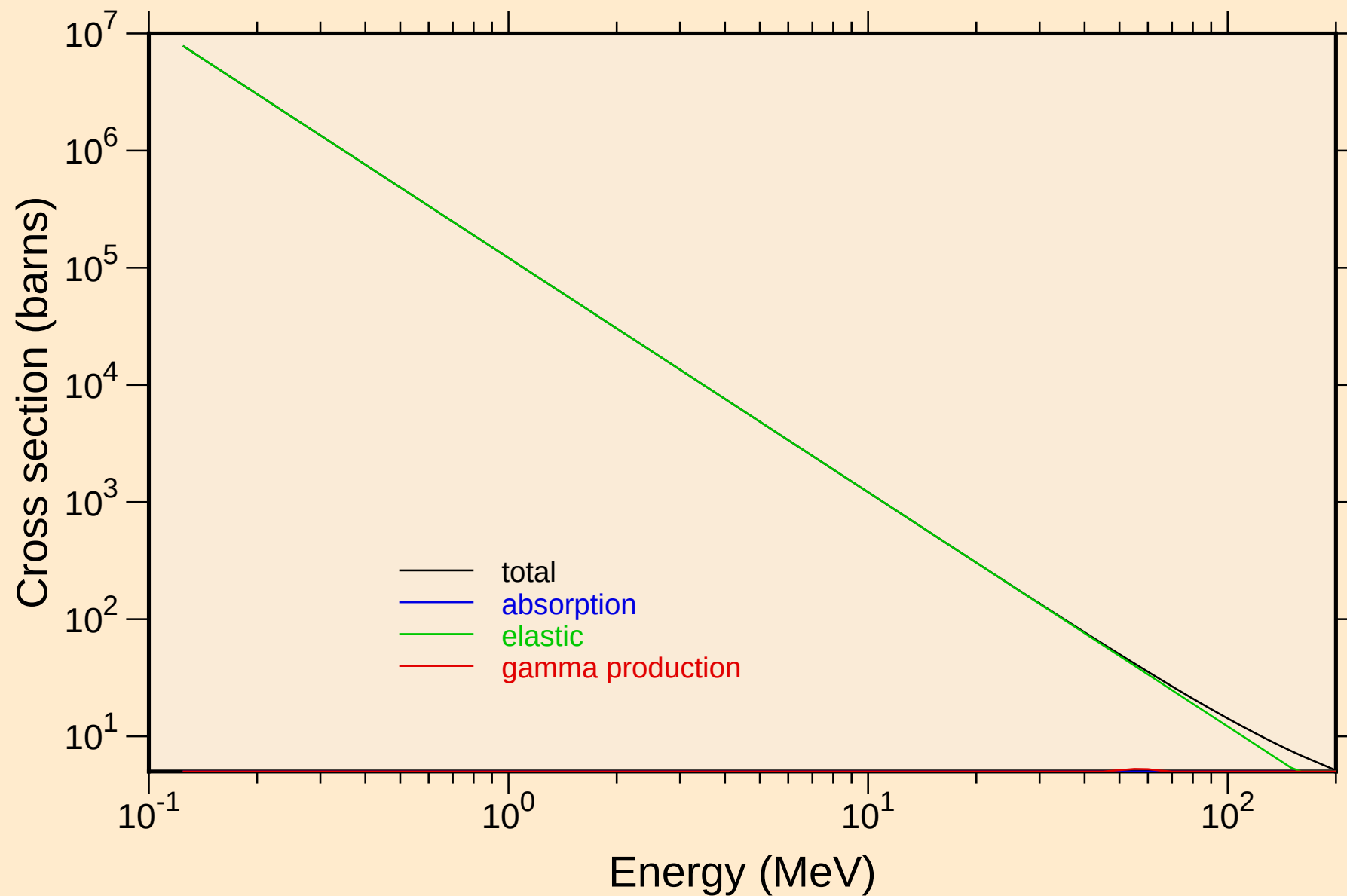


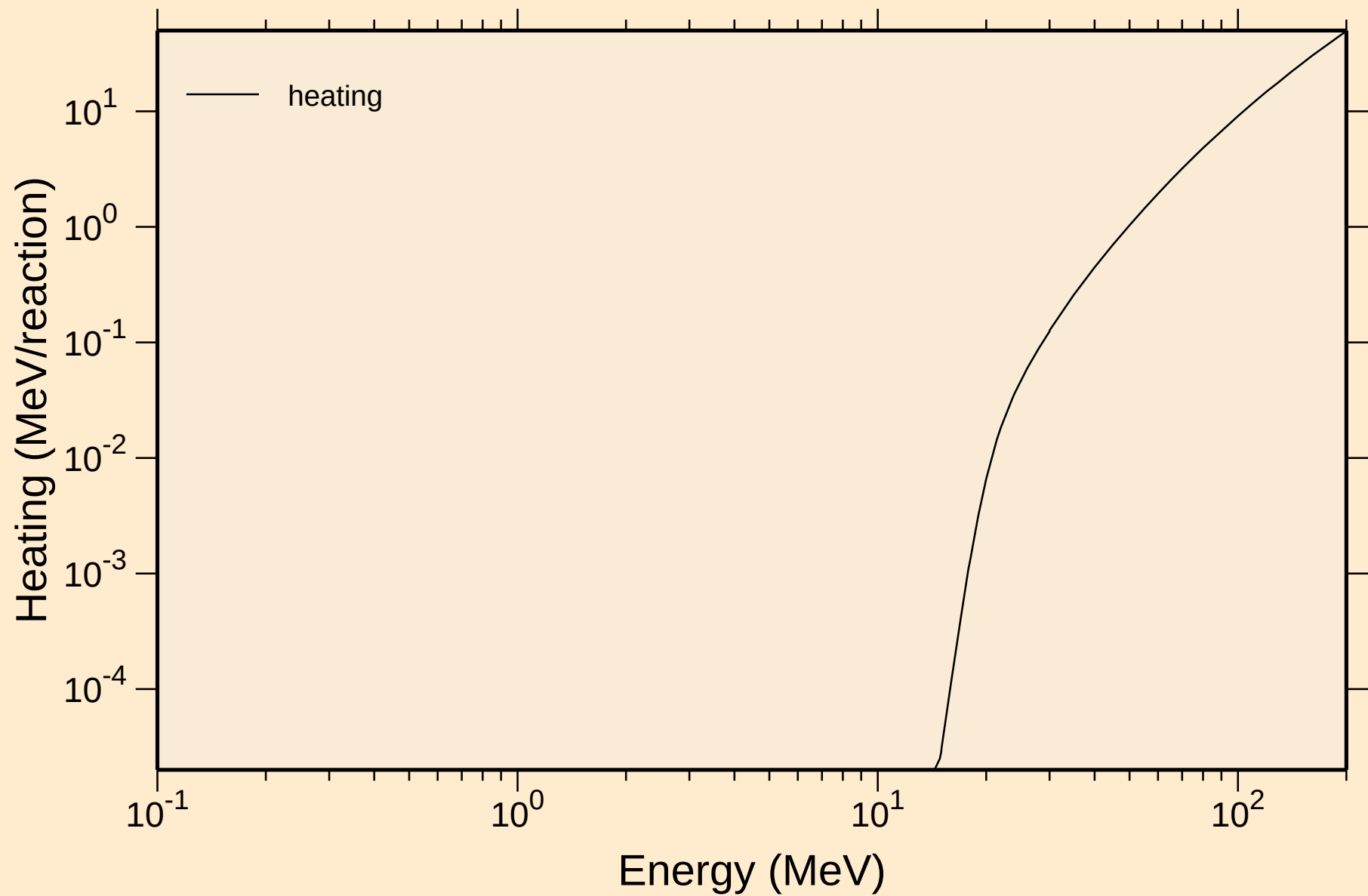
# TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



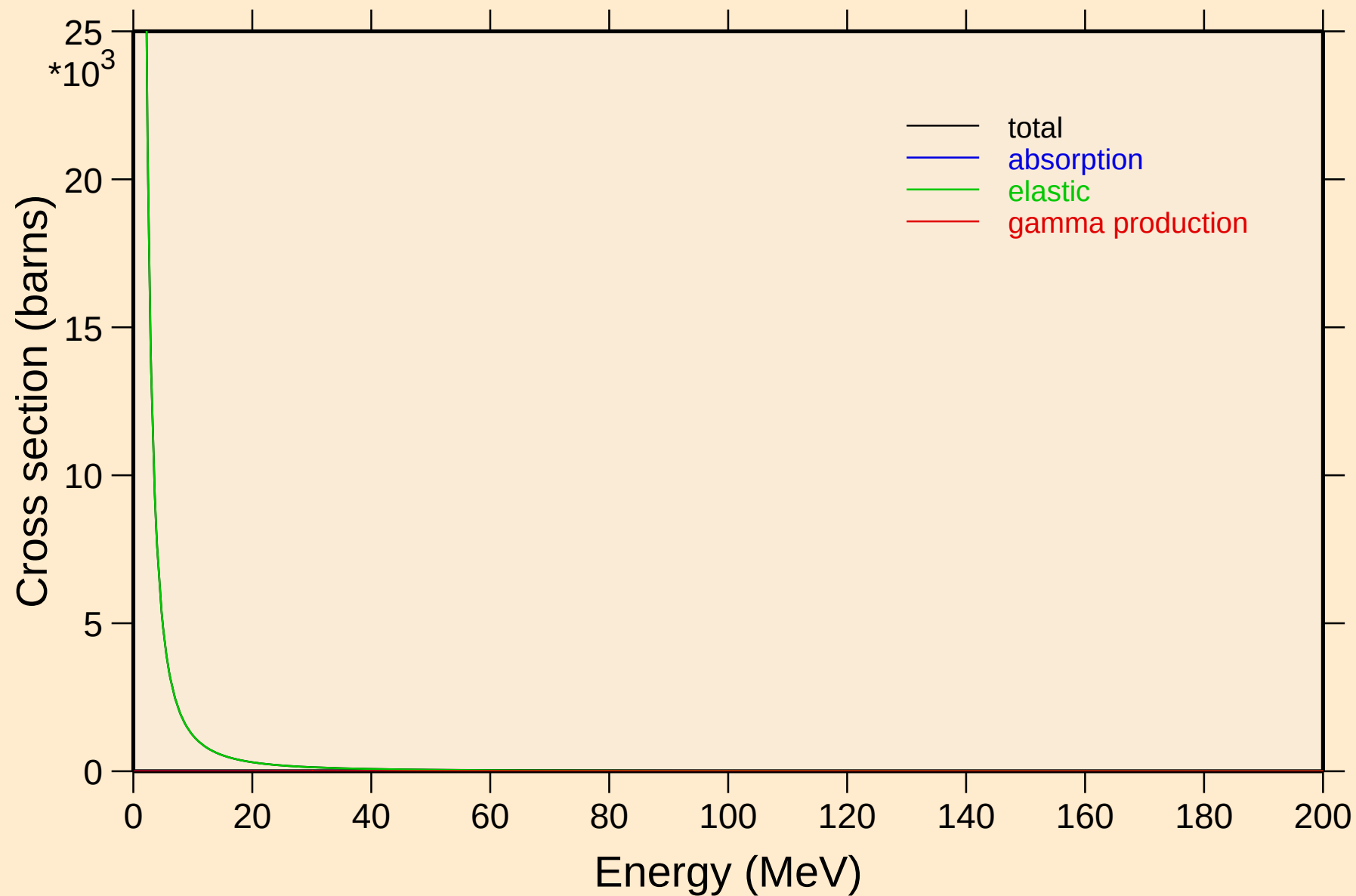
# TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



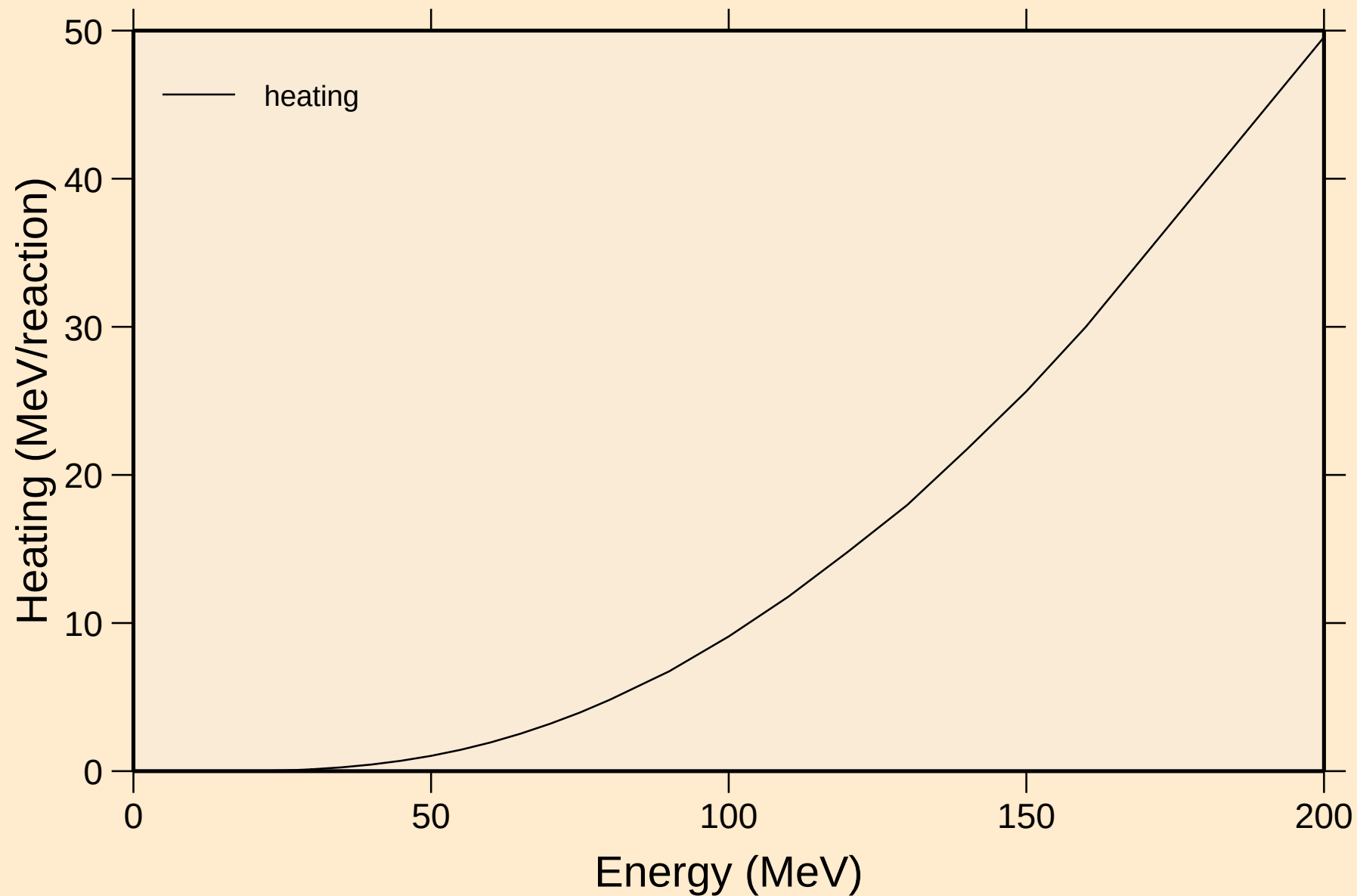
# TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

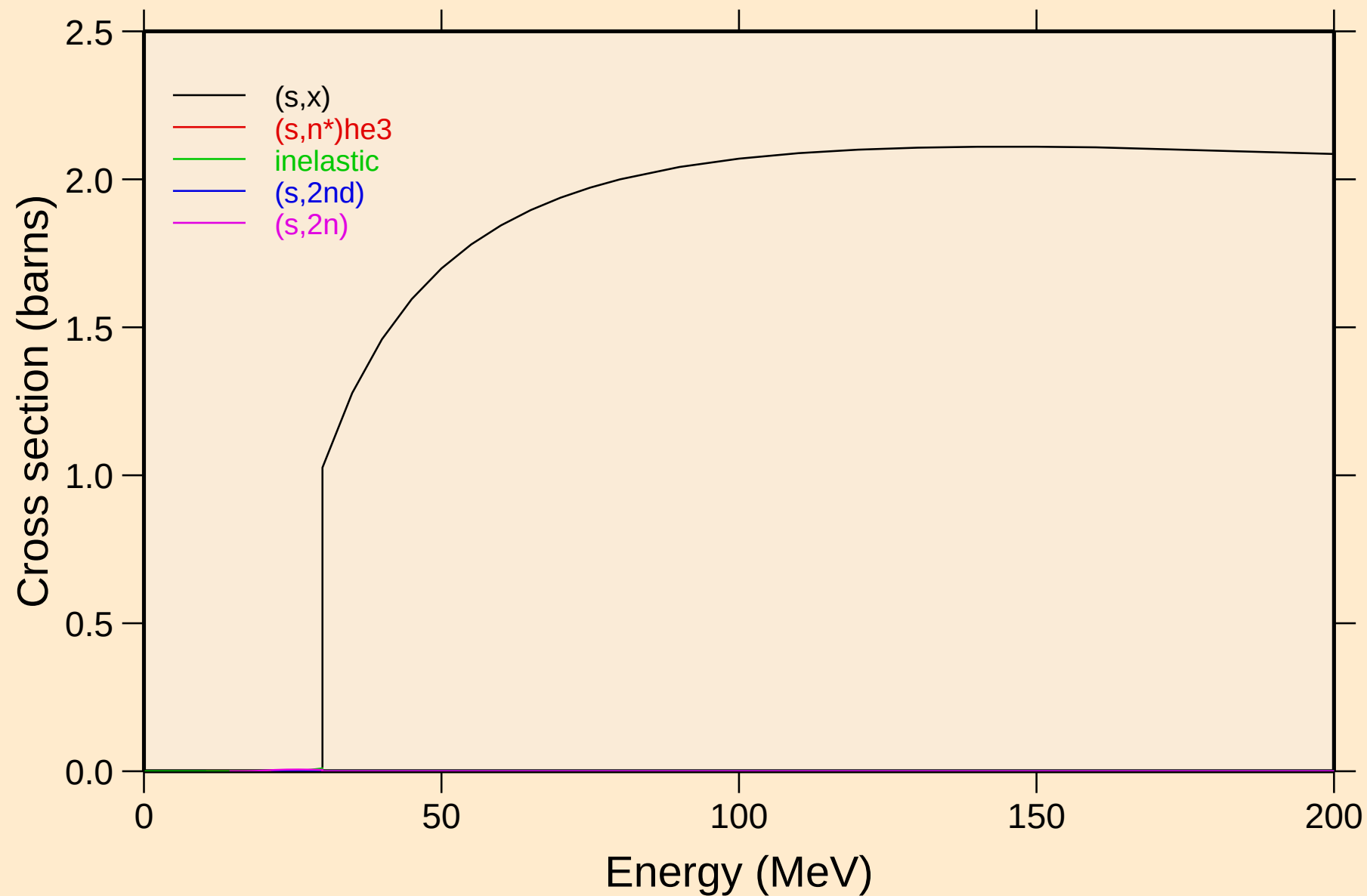


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

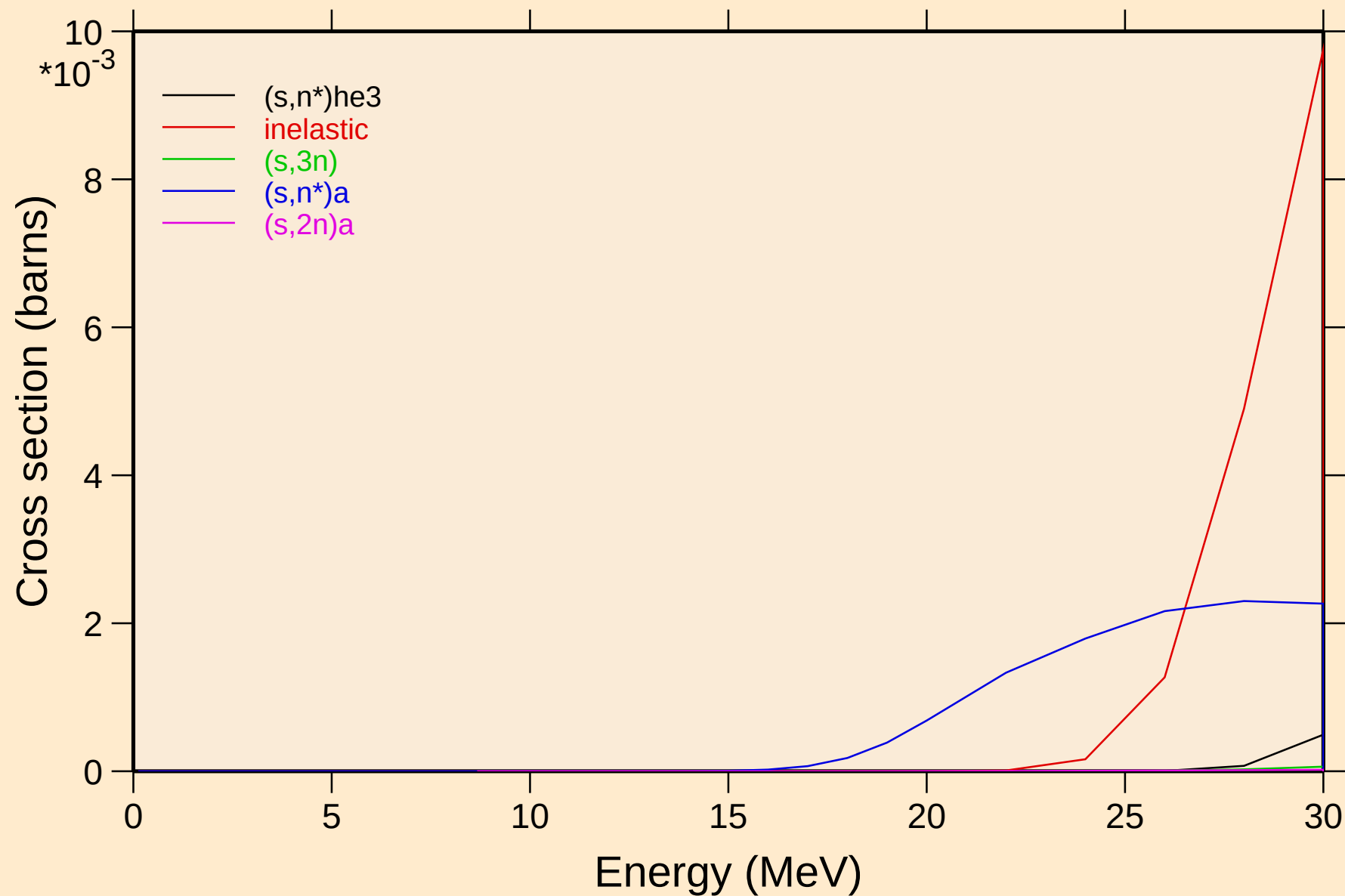
Heating



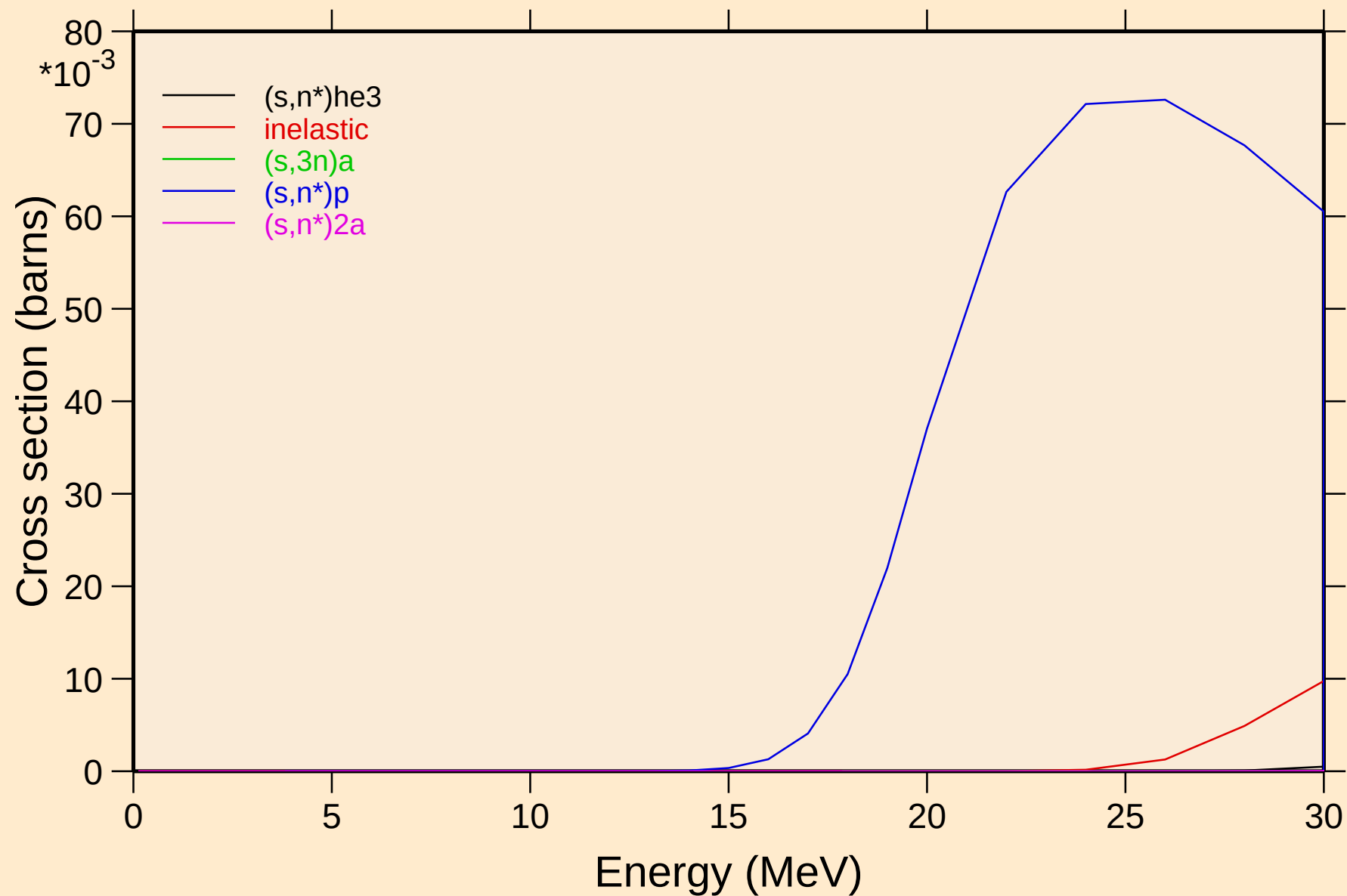
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



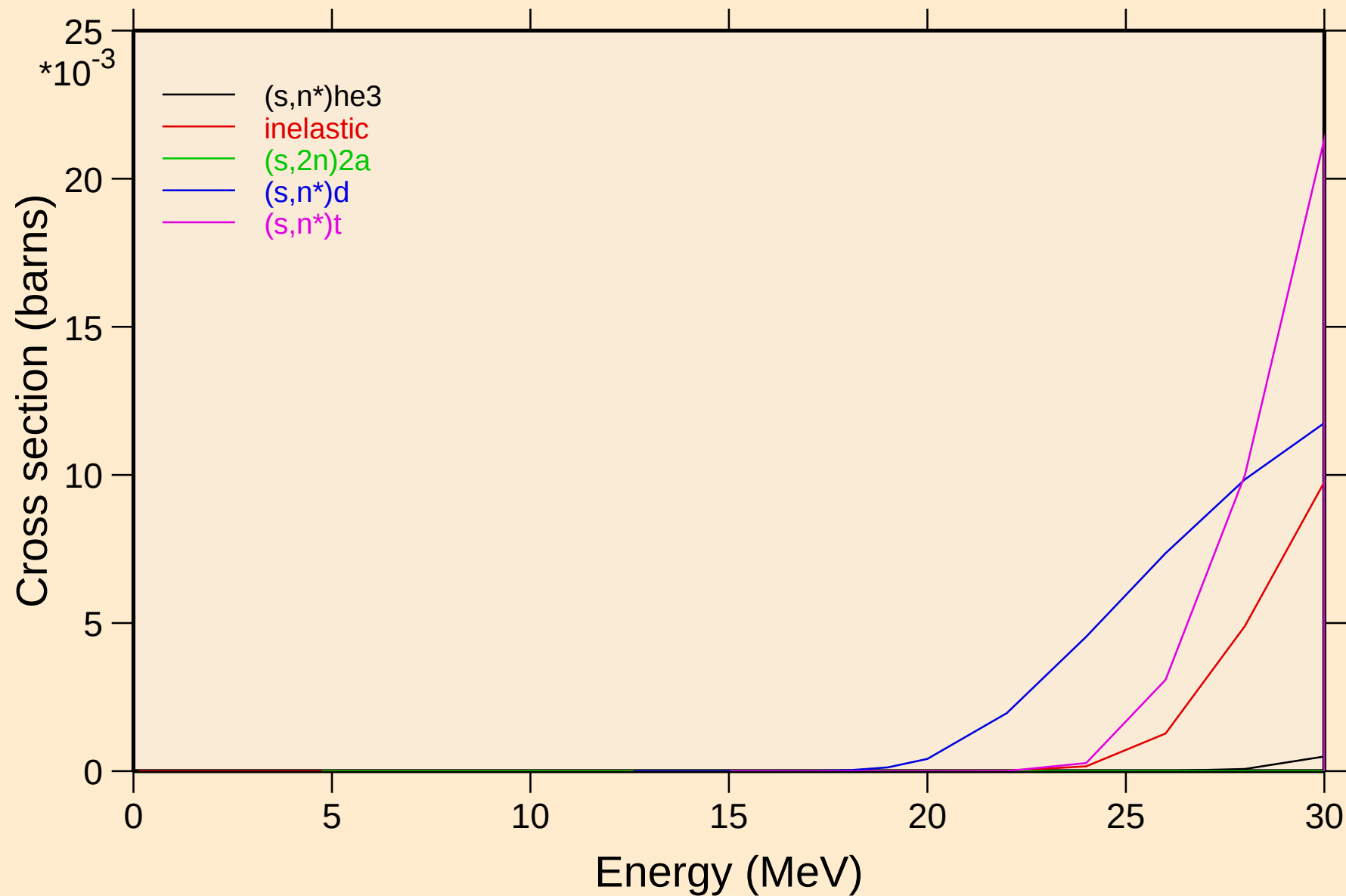
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

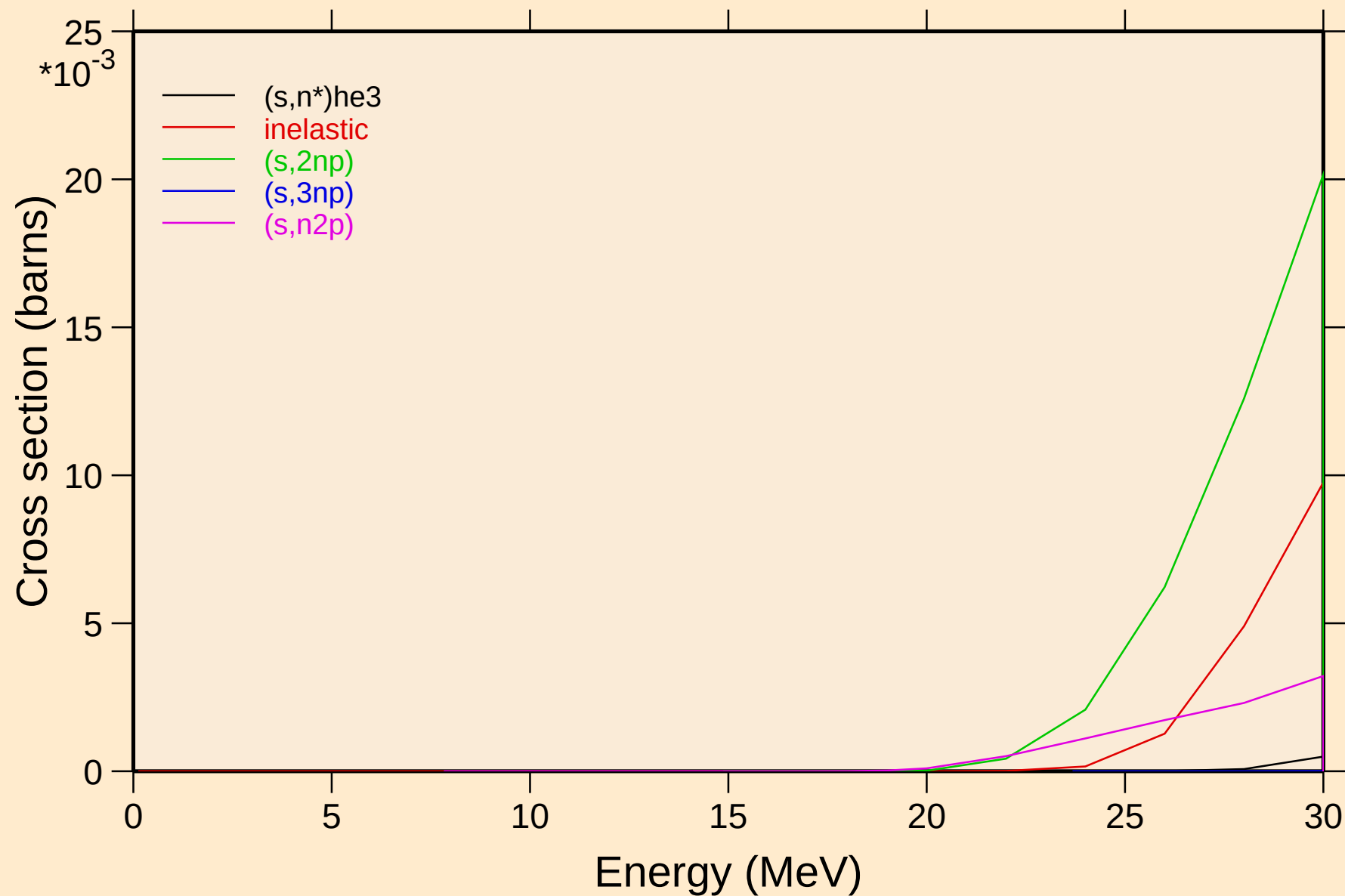


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

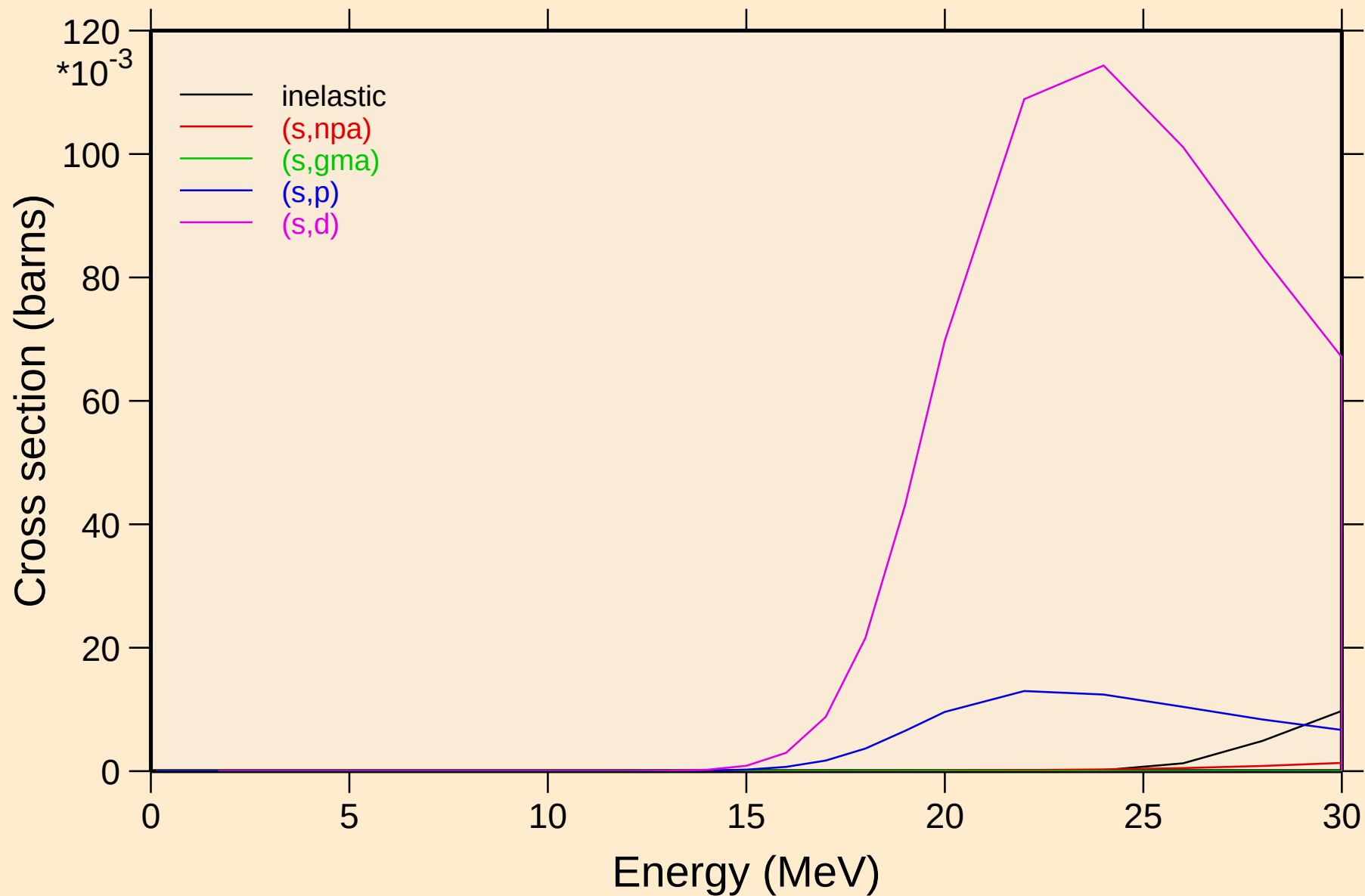




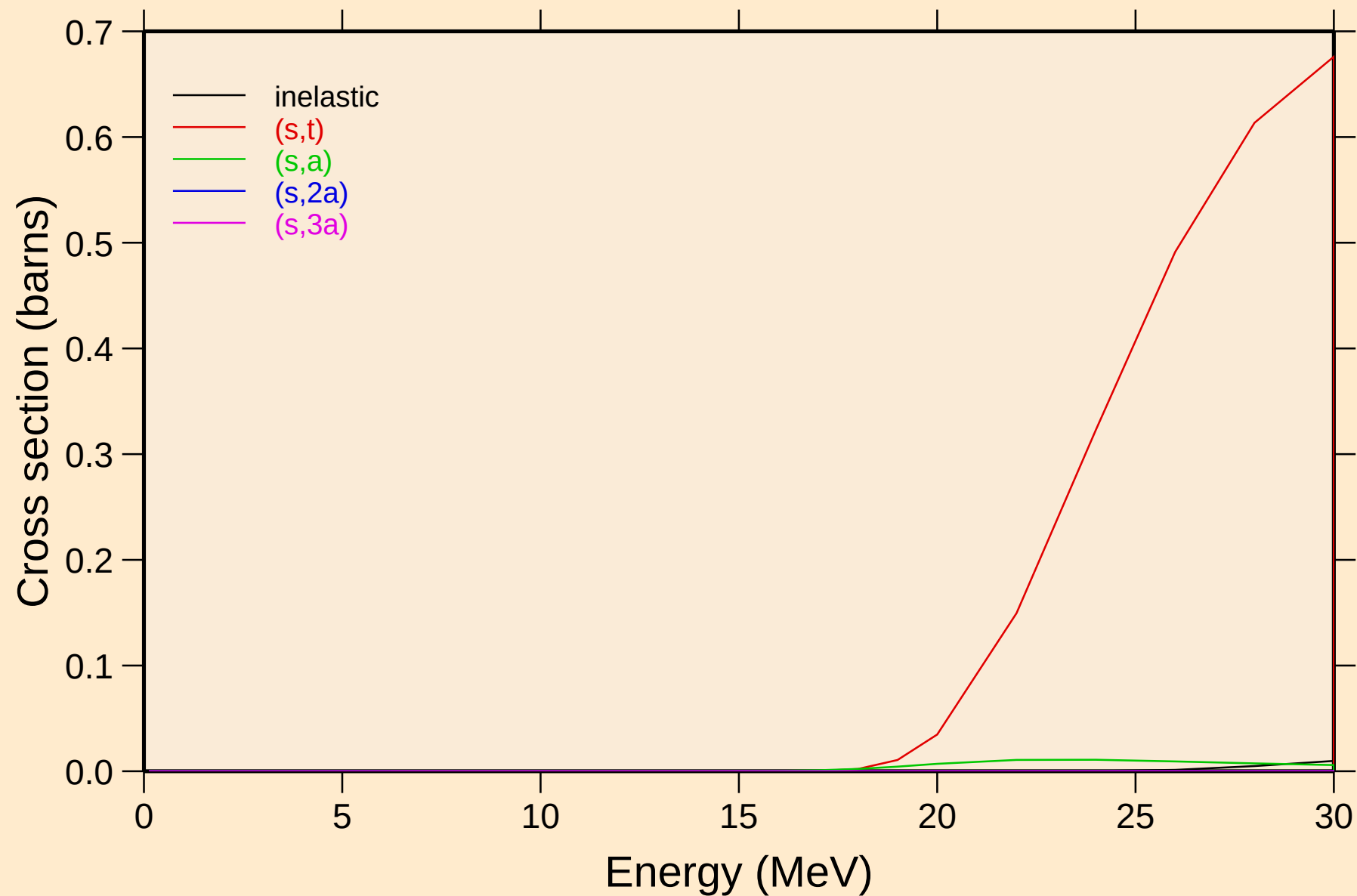
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Threshold reactions



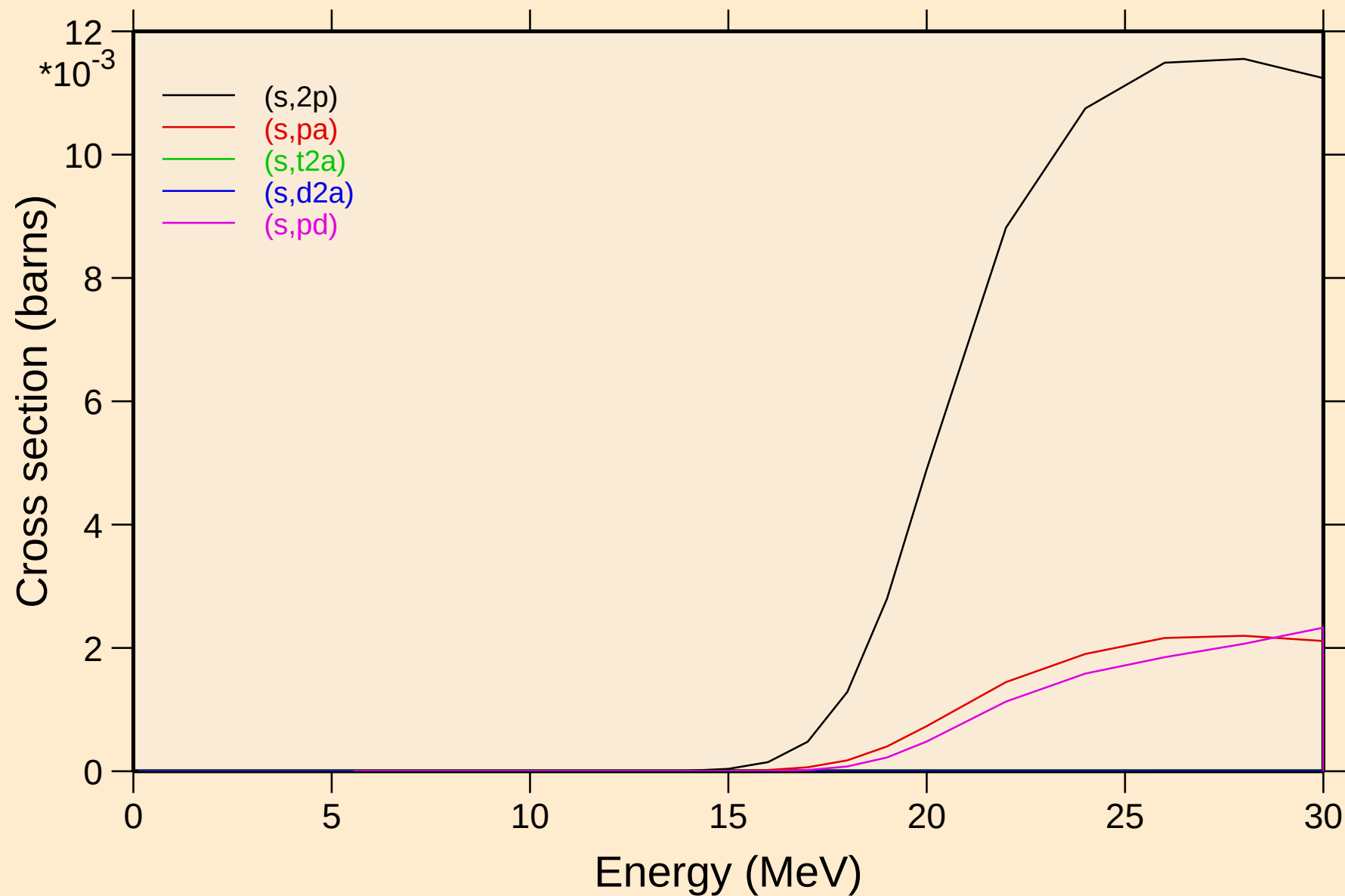
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



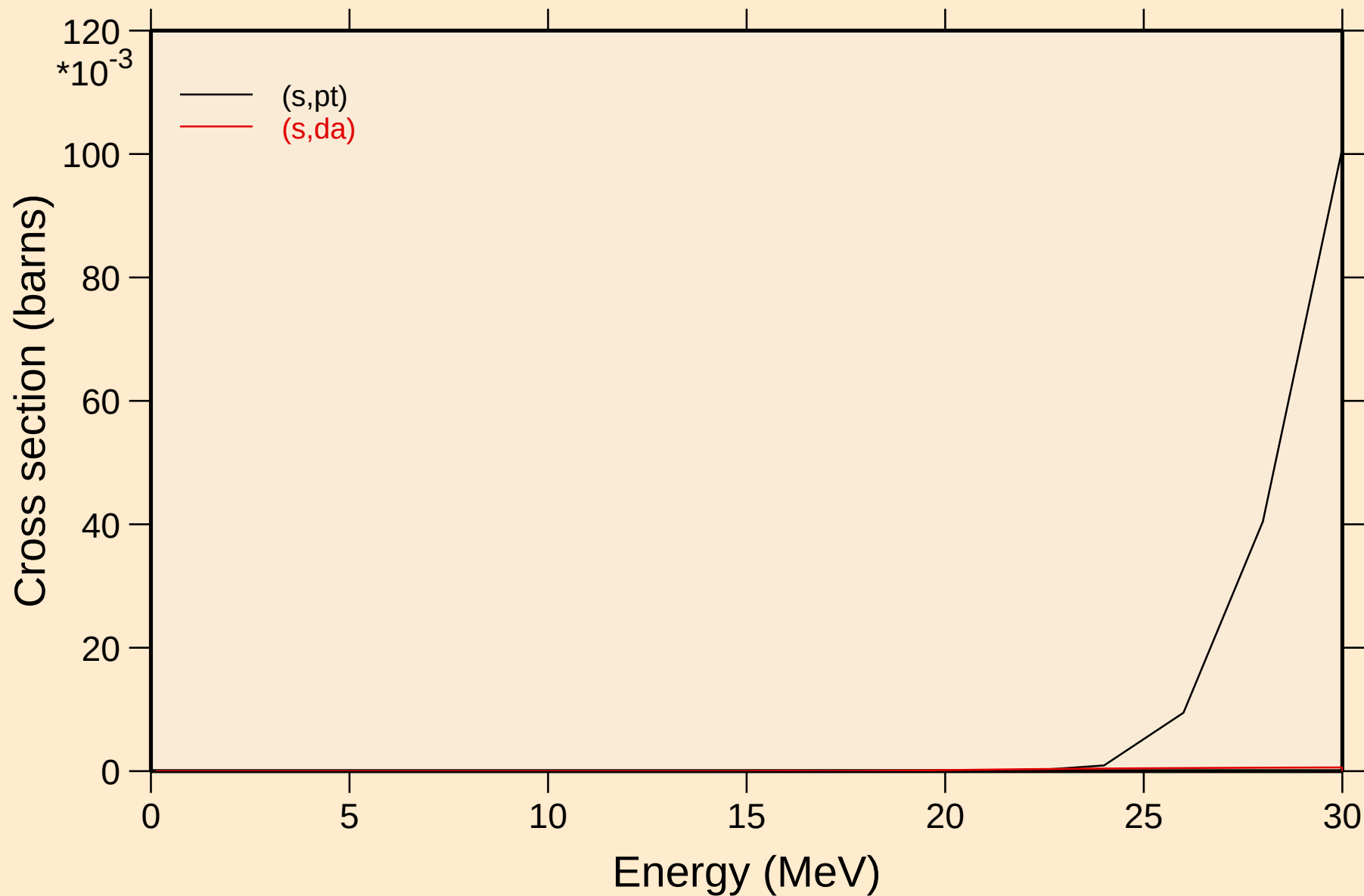
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Threshold reactions



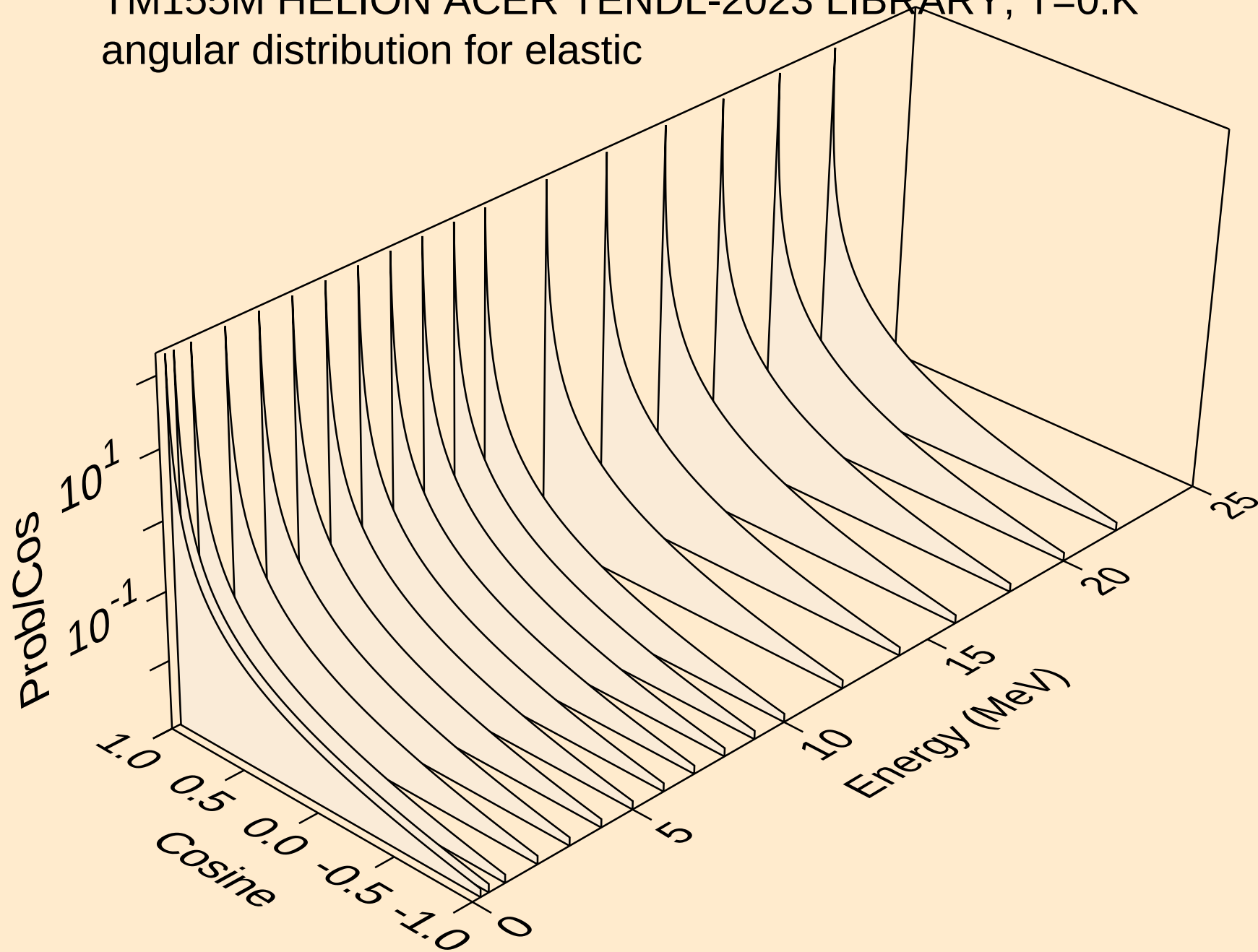
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Threshold reactions



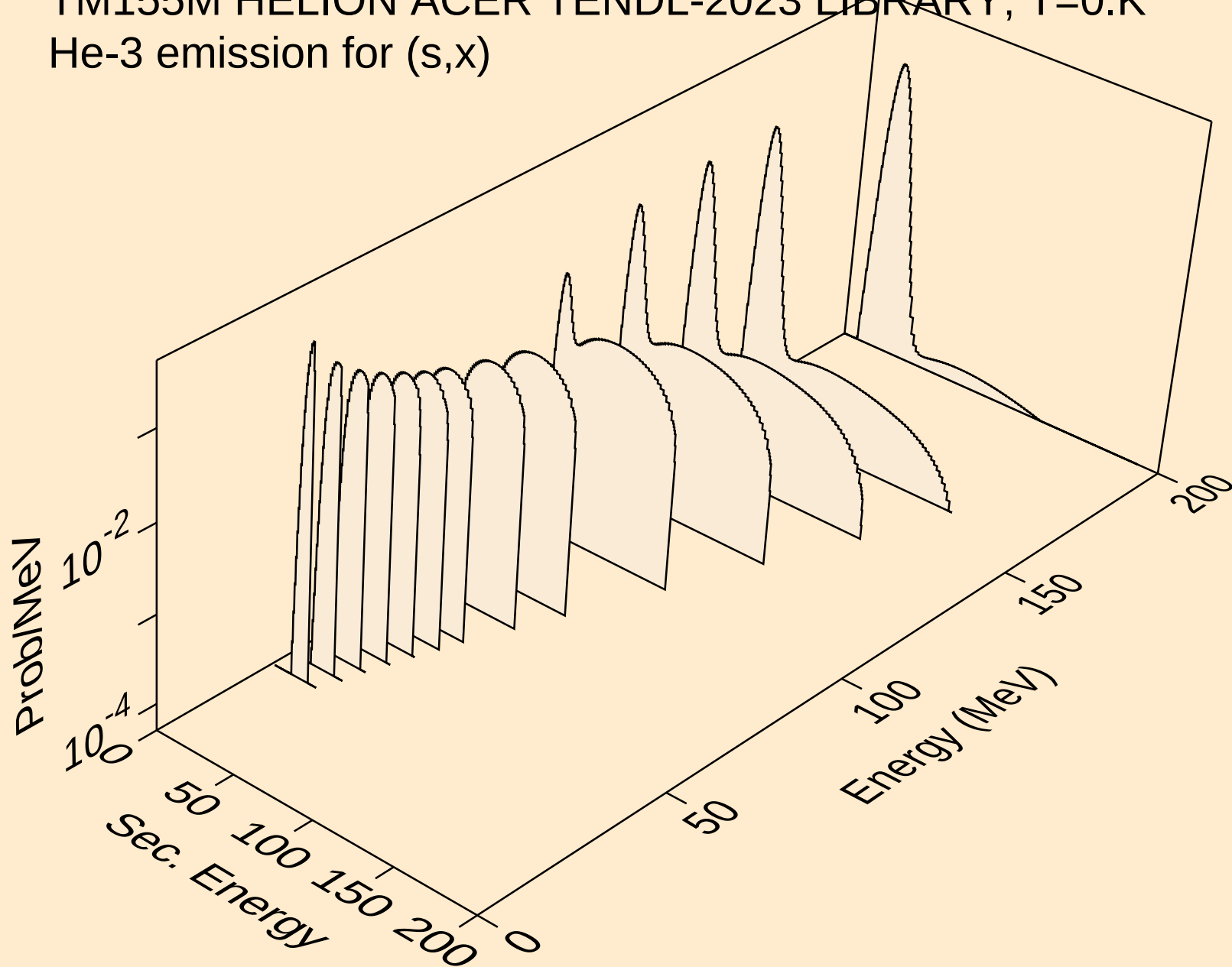
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



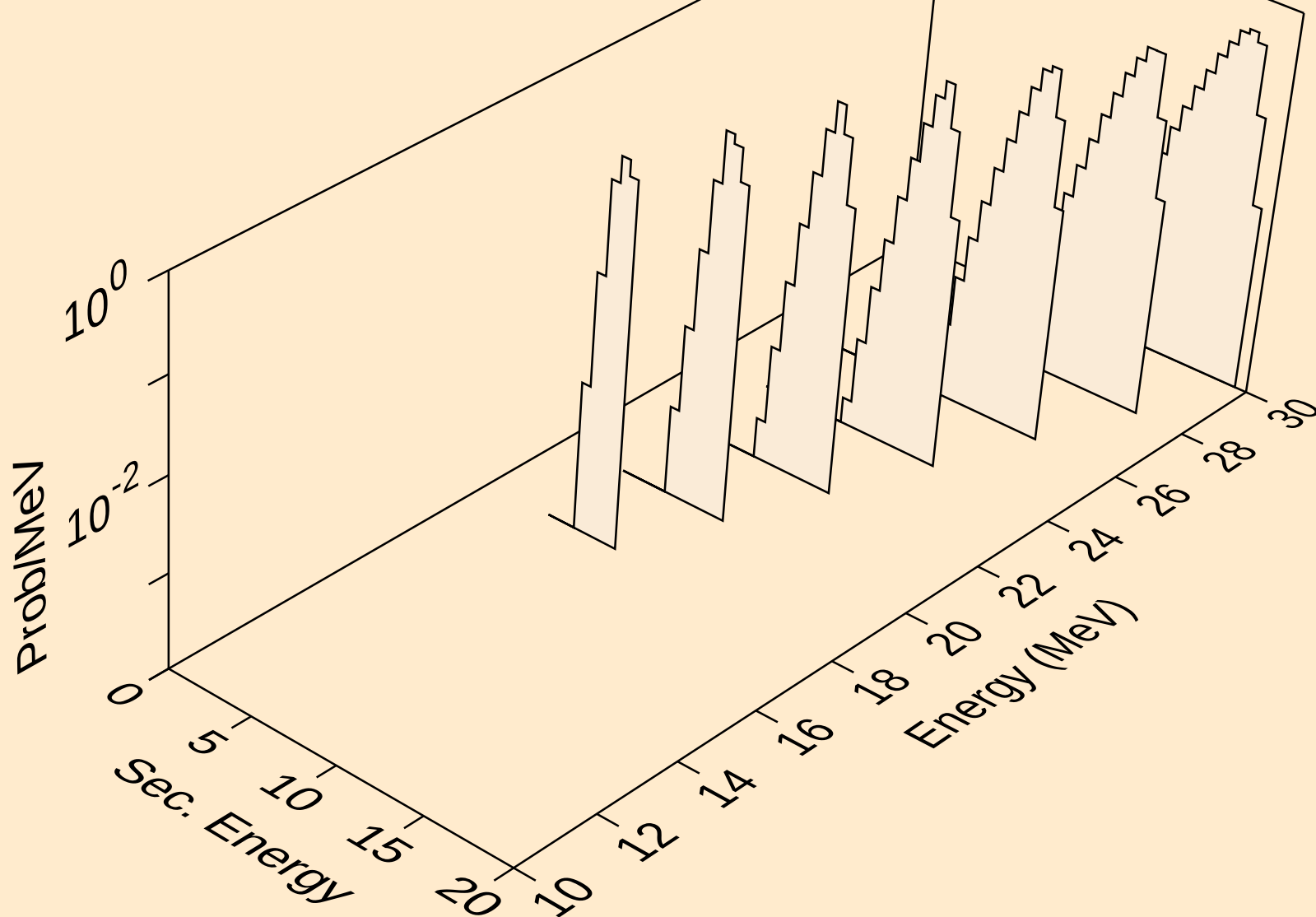
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

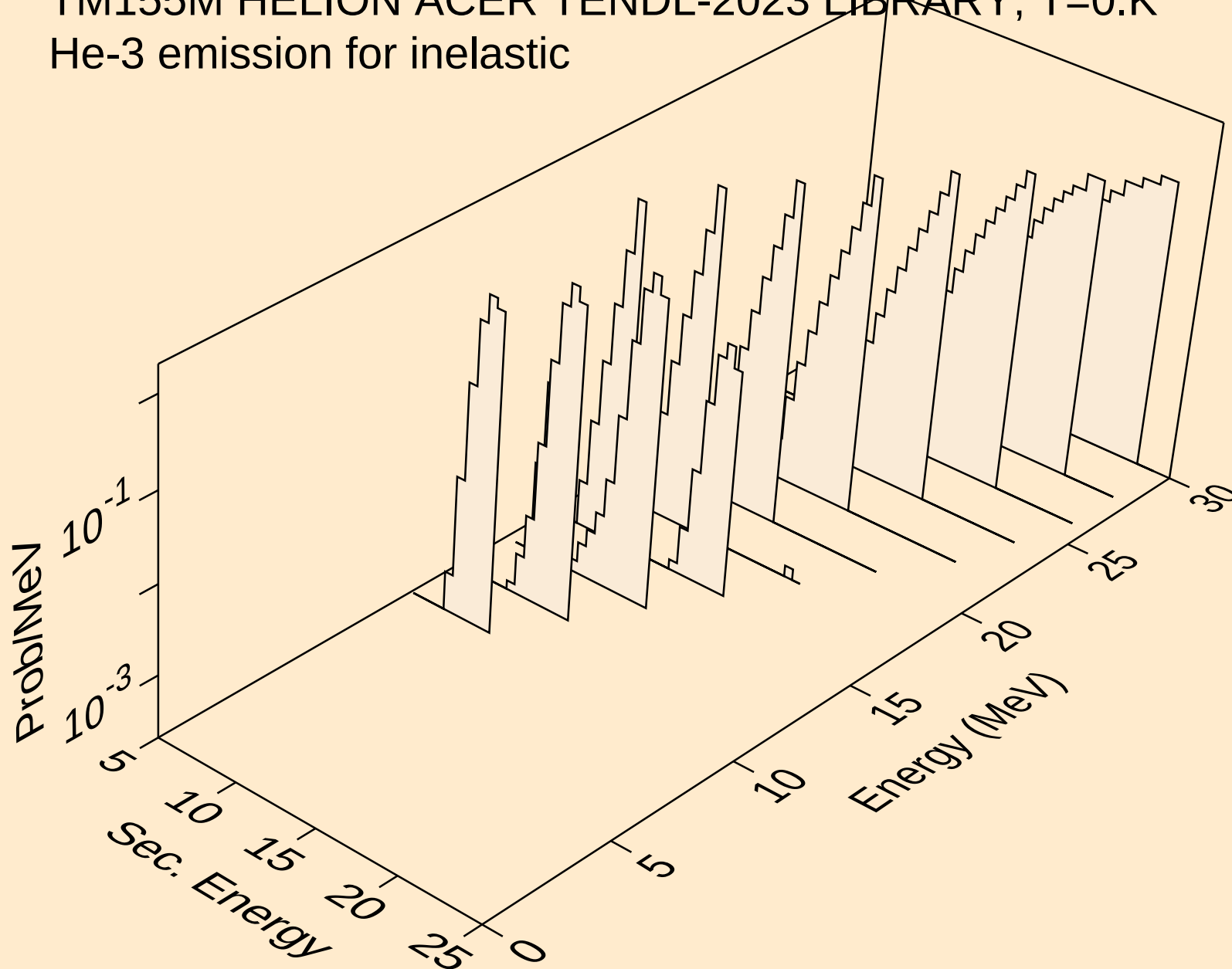


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

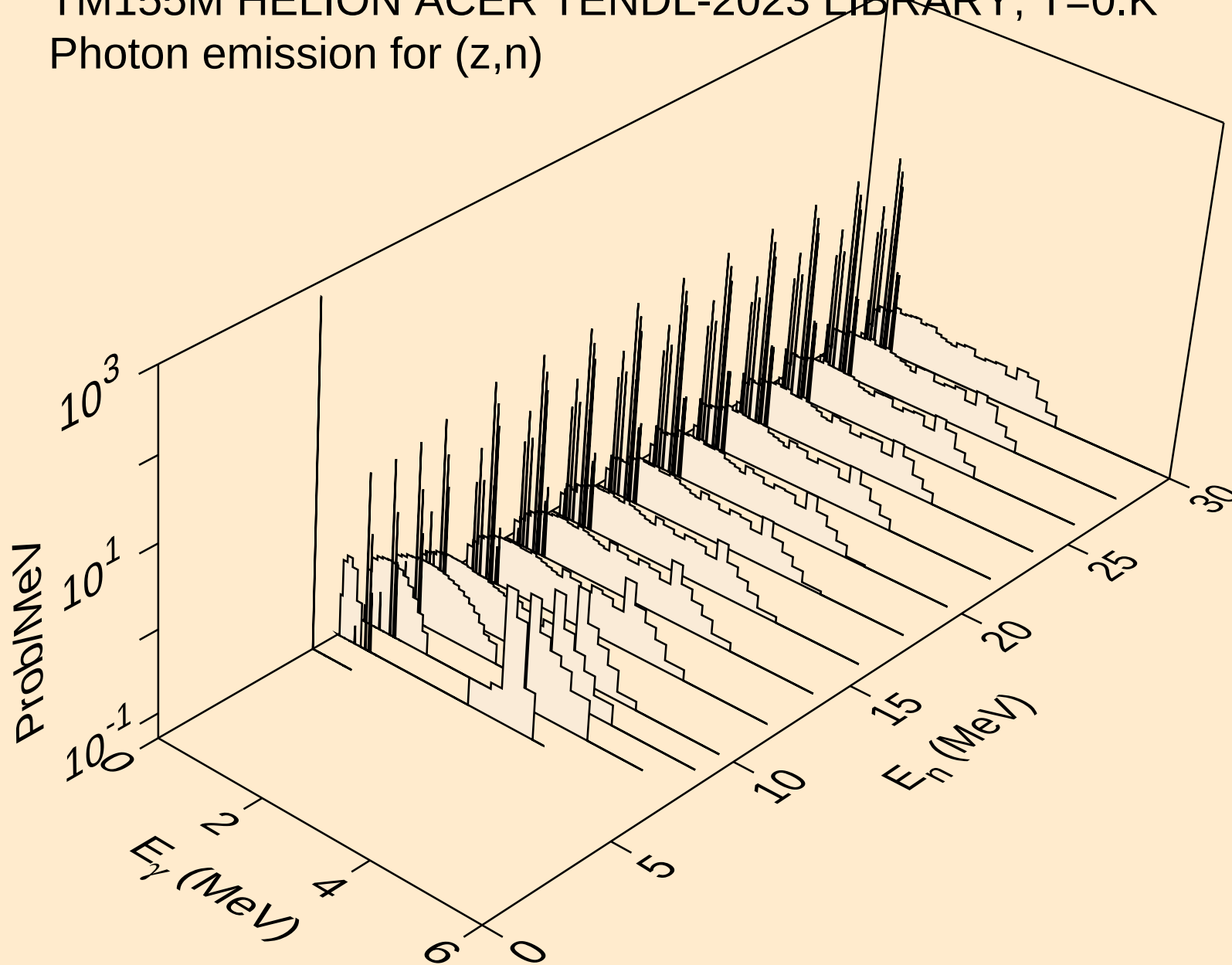




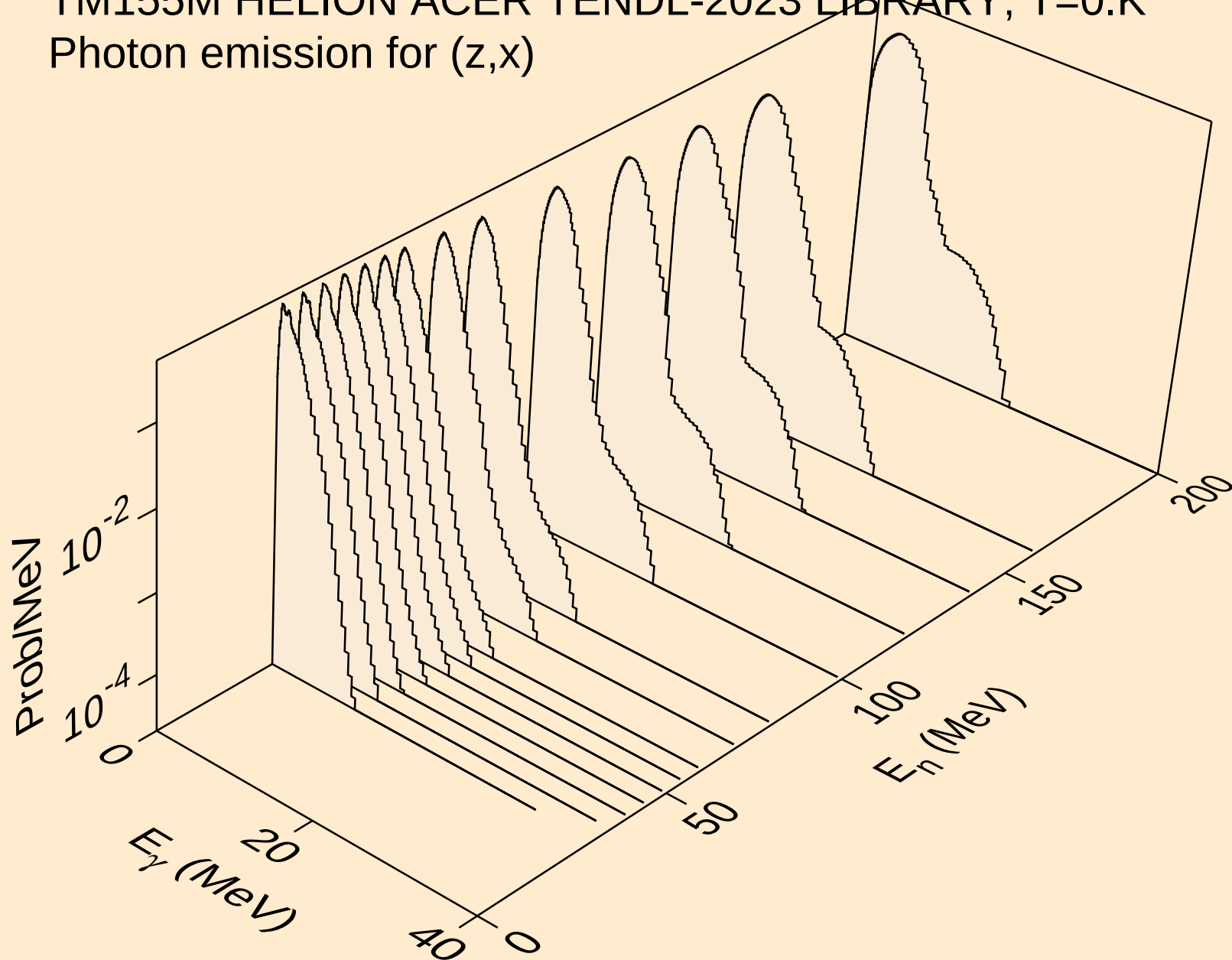
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



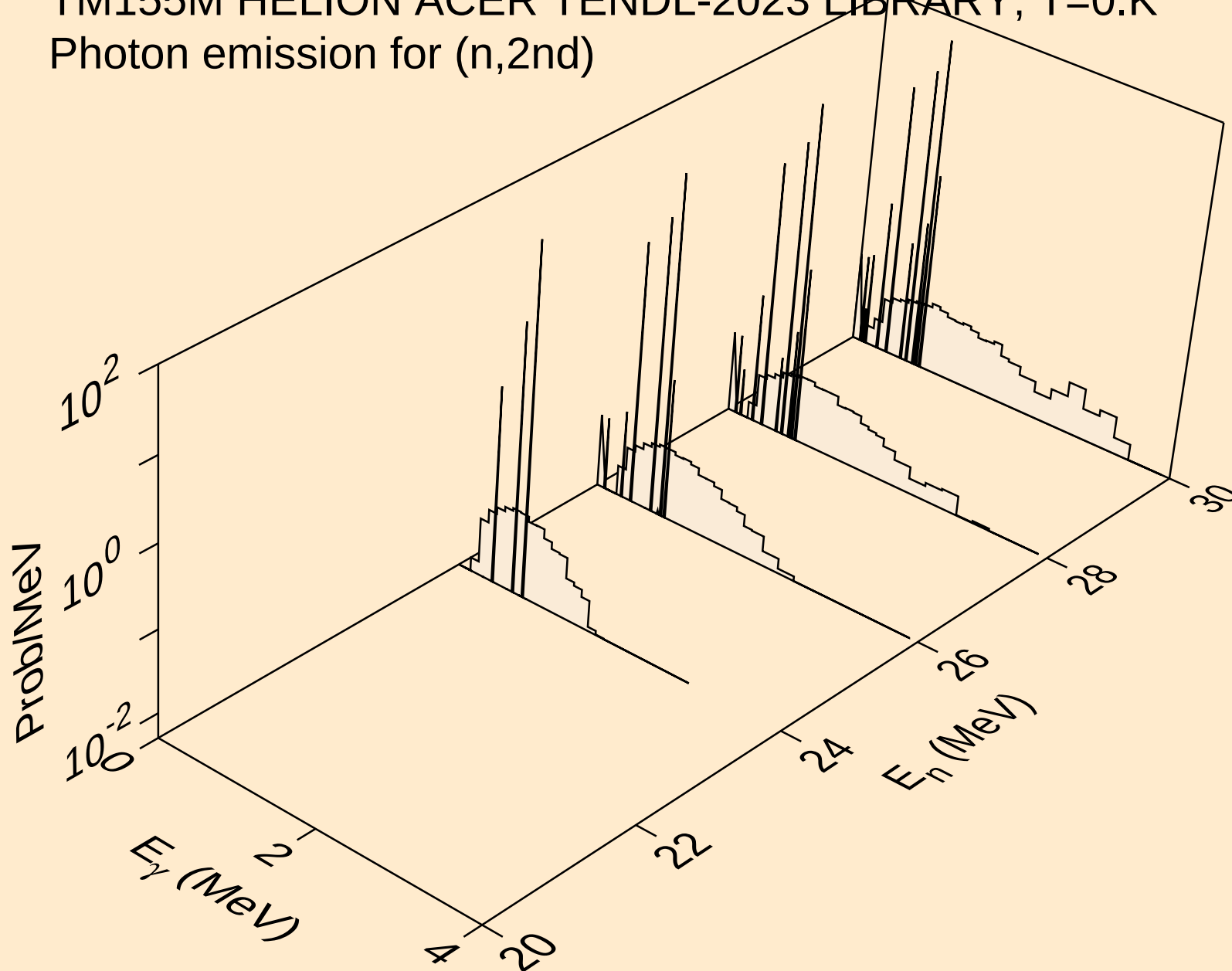
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



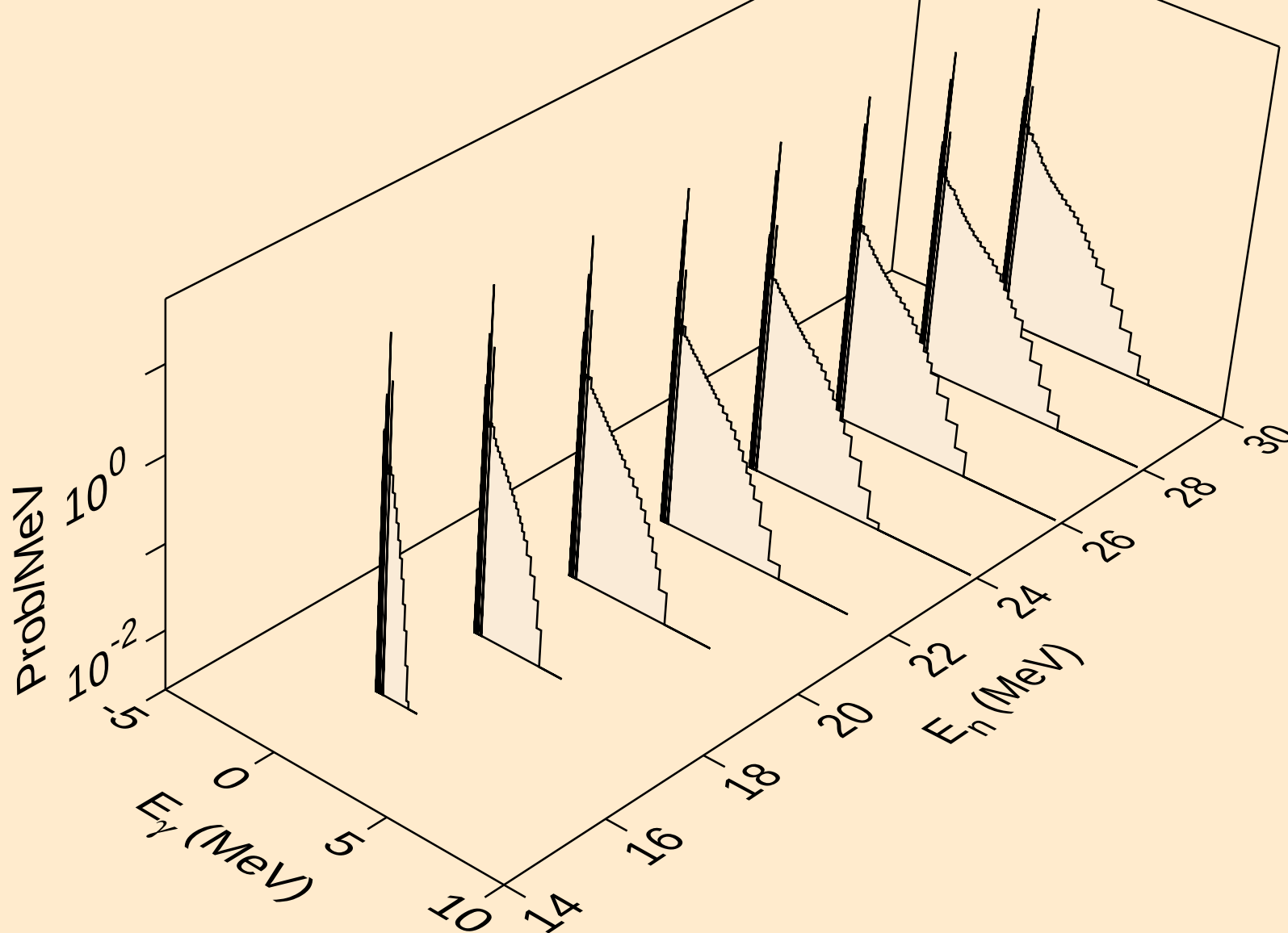
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



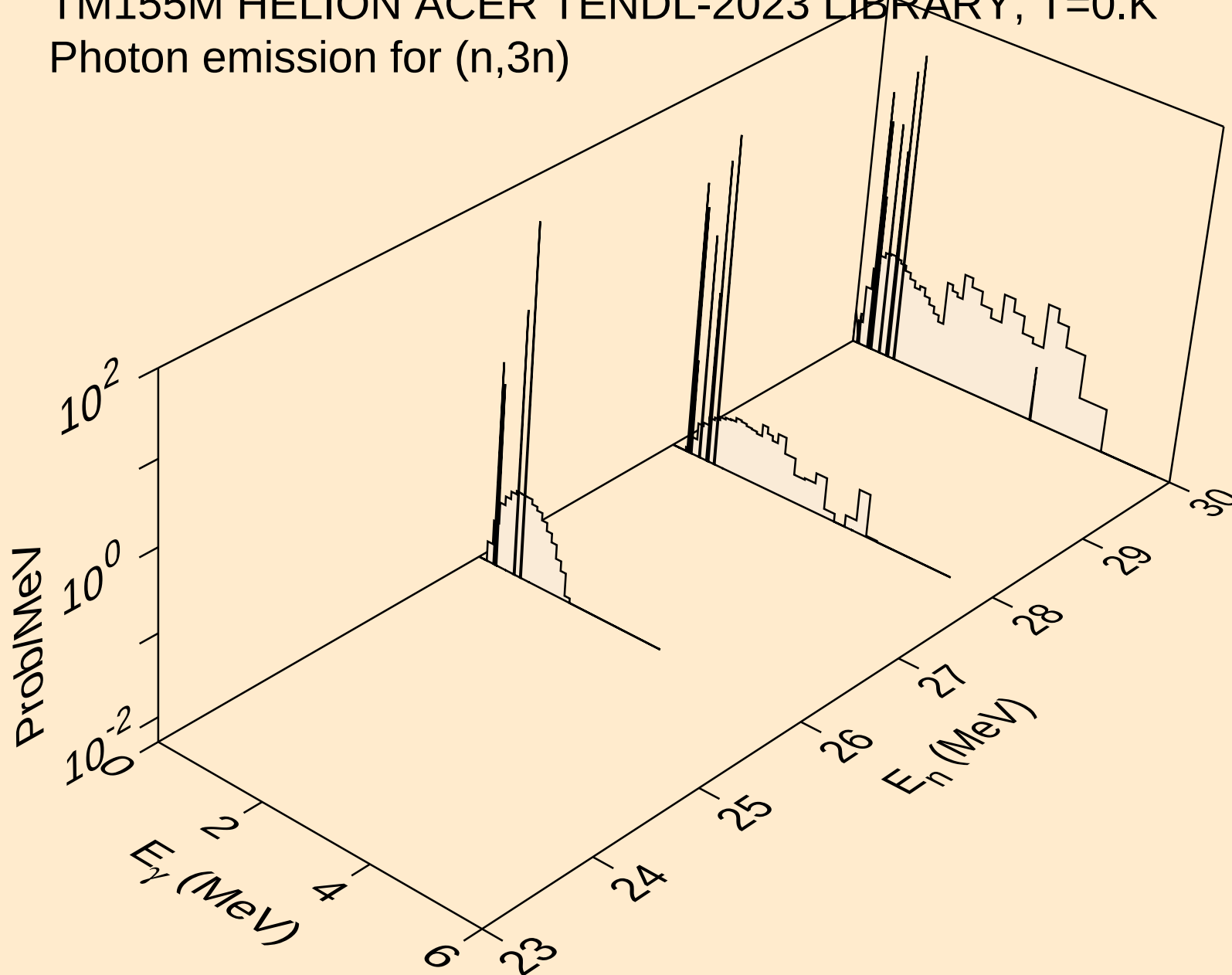
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



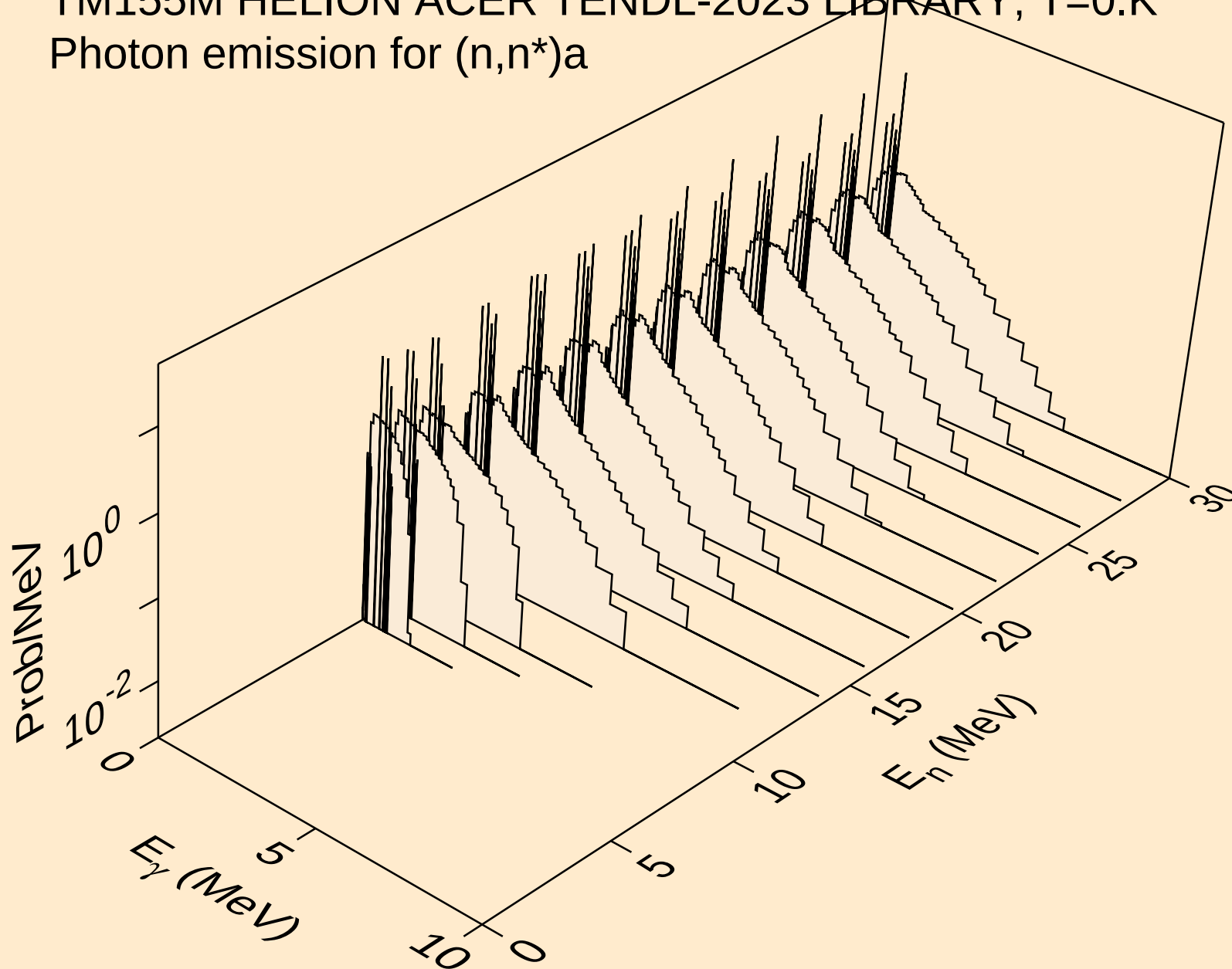
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

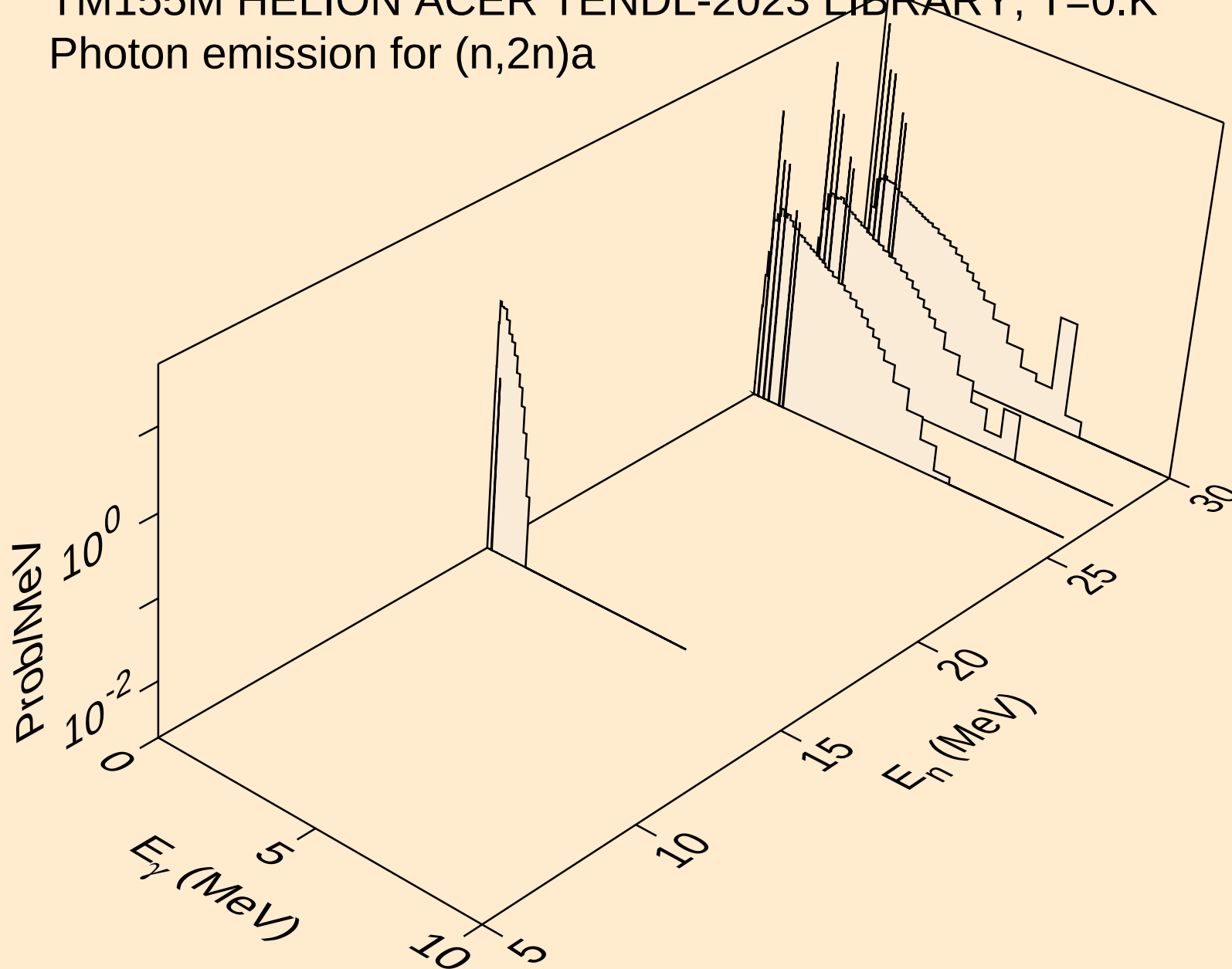


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



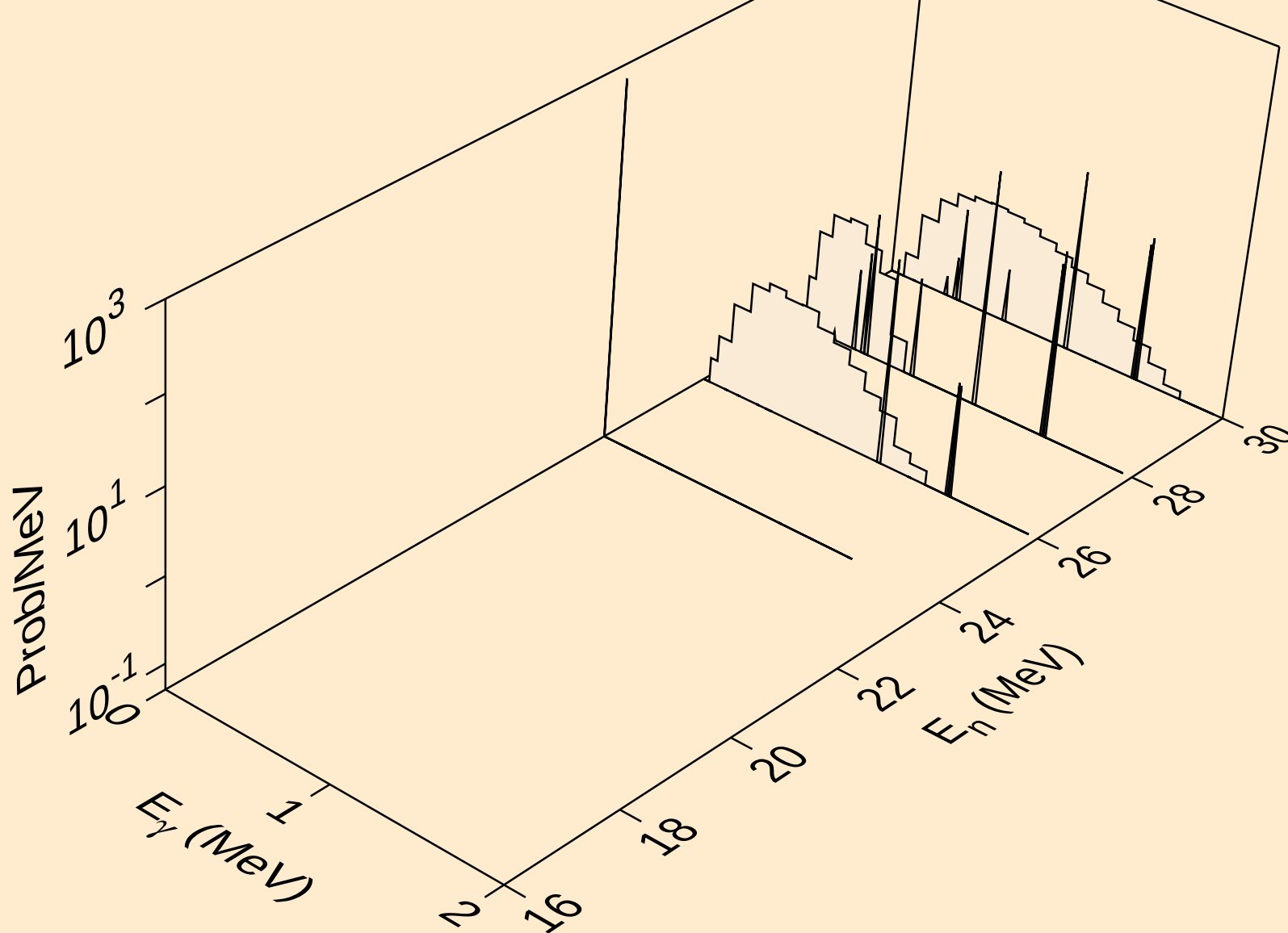
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

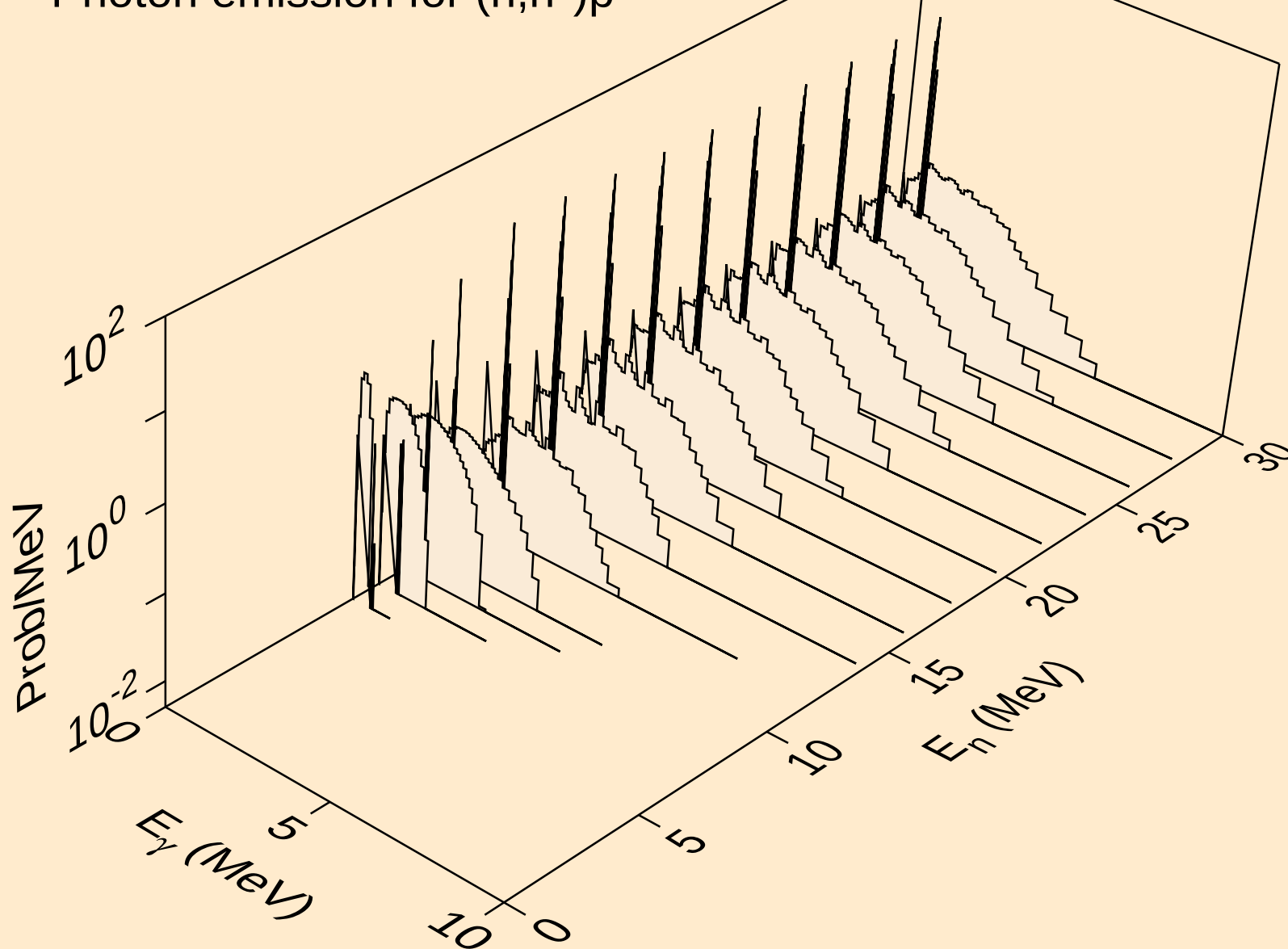




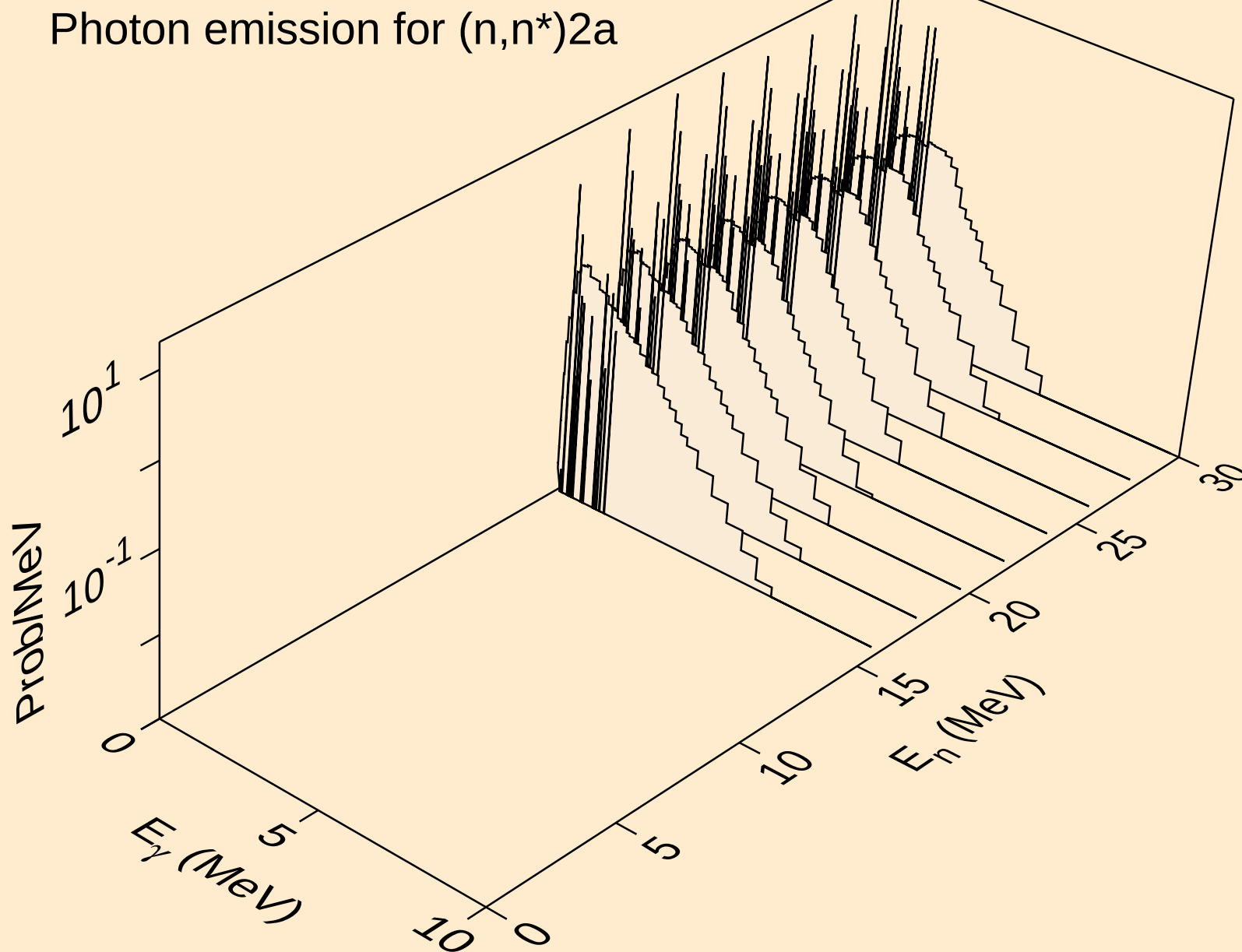
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



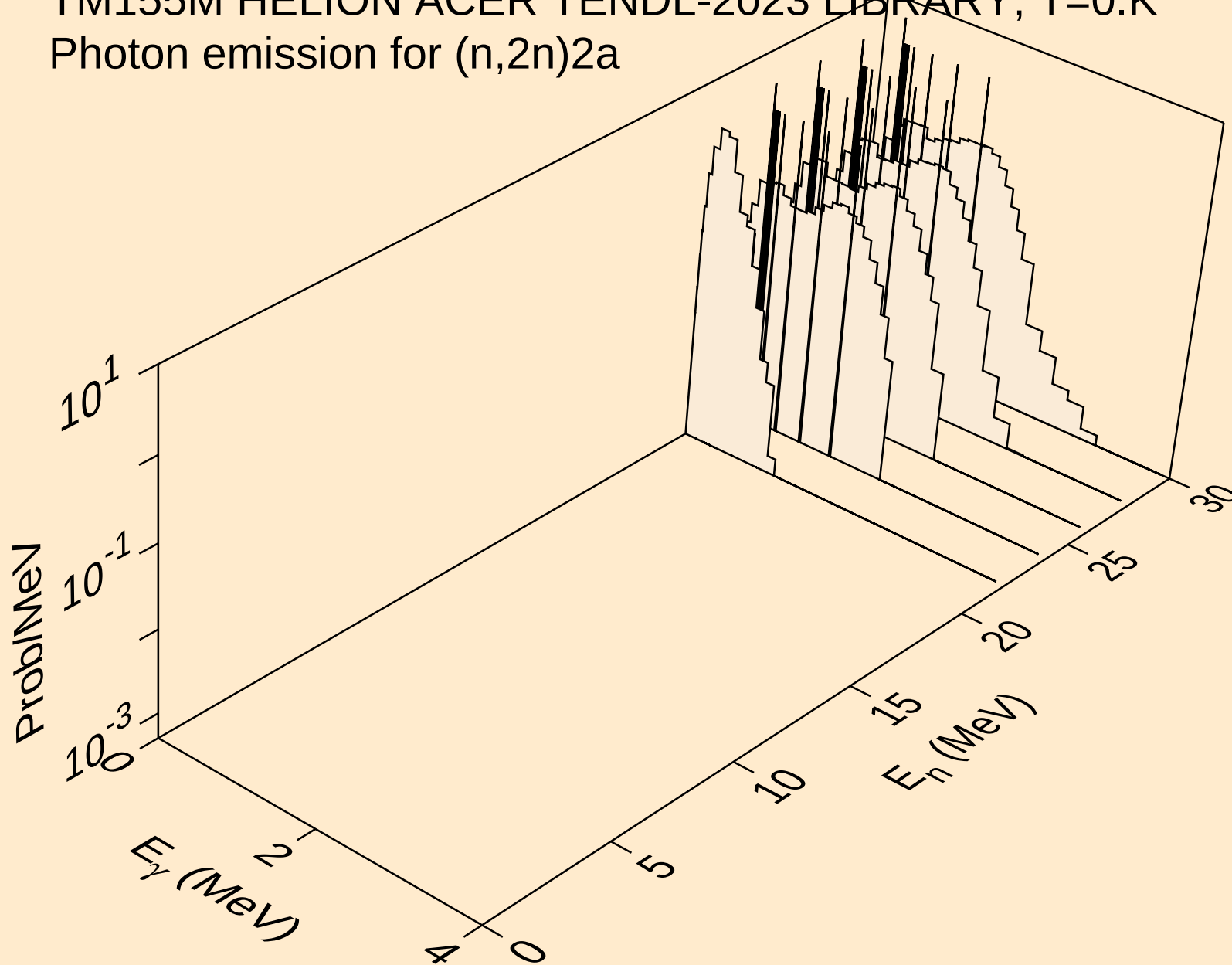
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



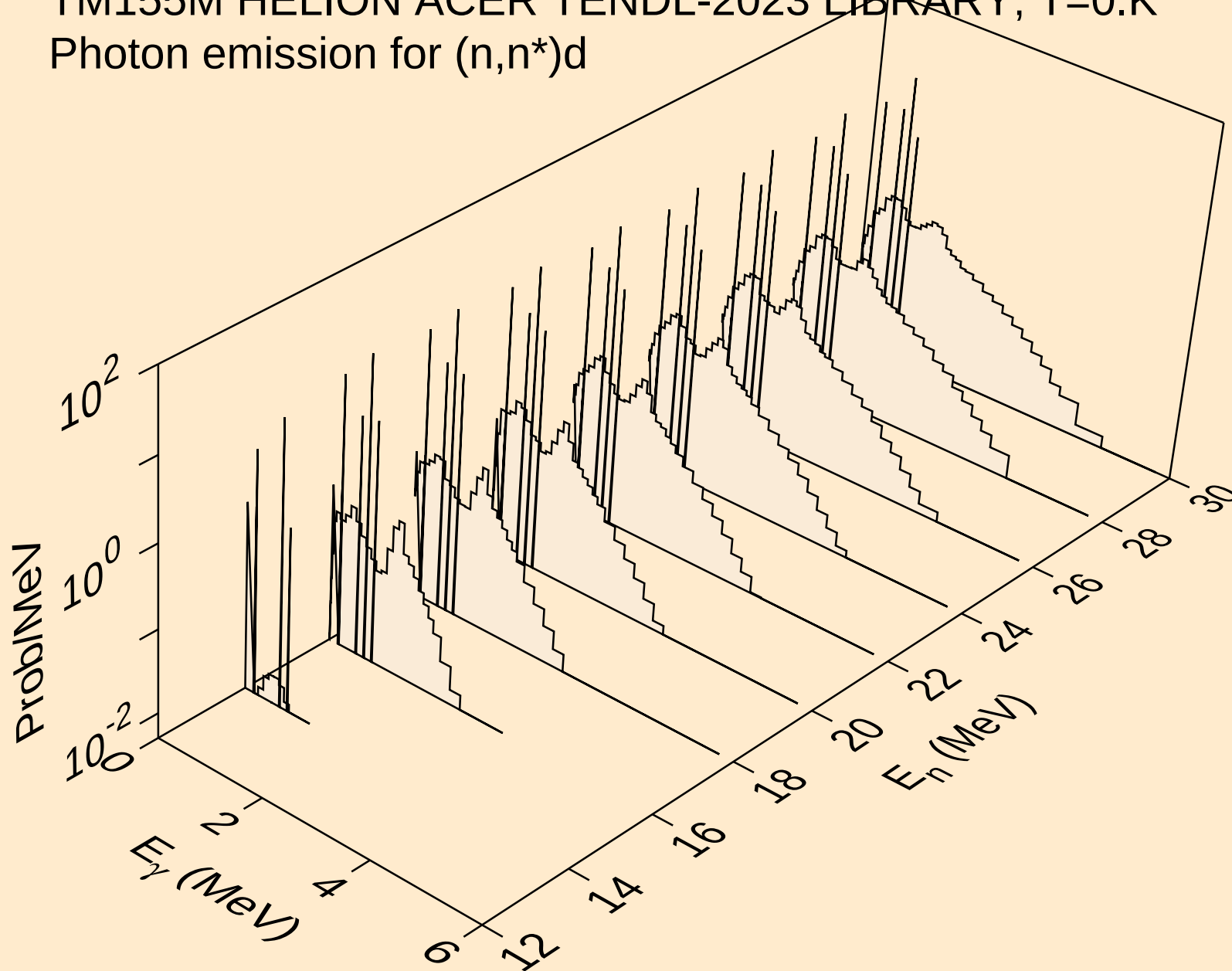
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Photon emission for (n,n\*)2a



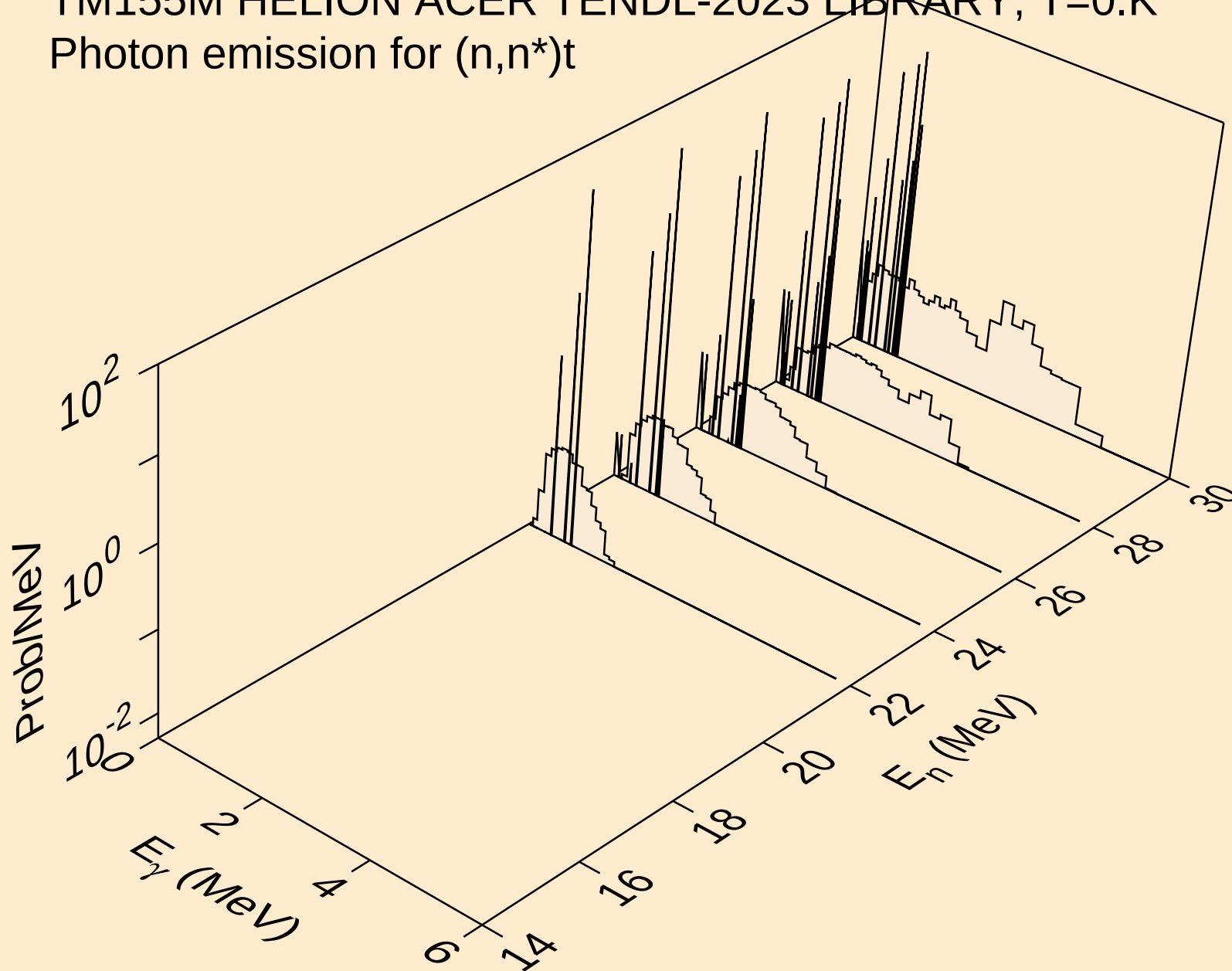
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Photon emission for (n,2n)2a



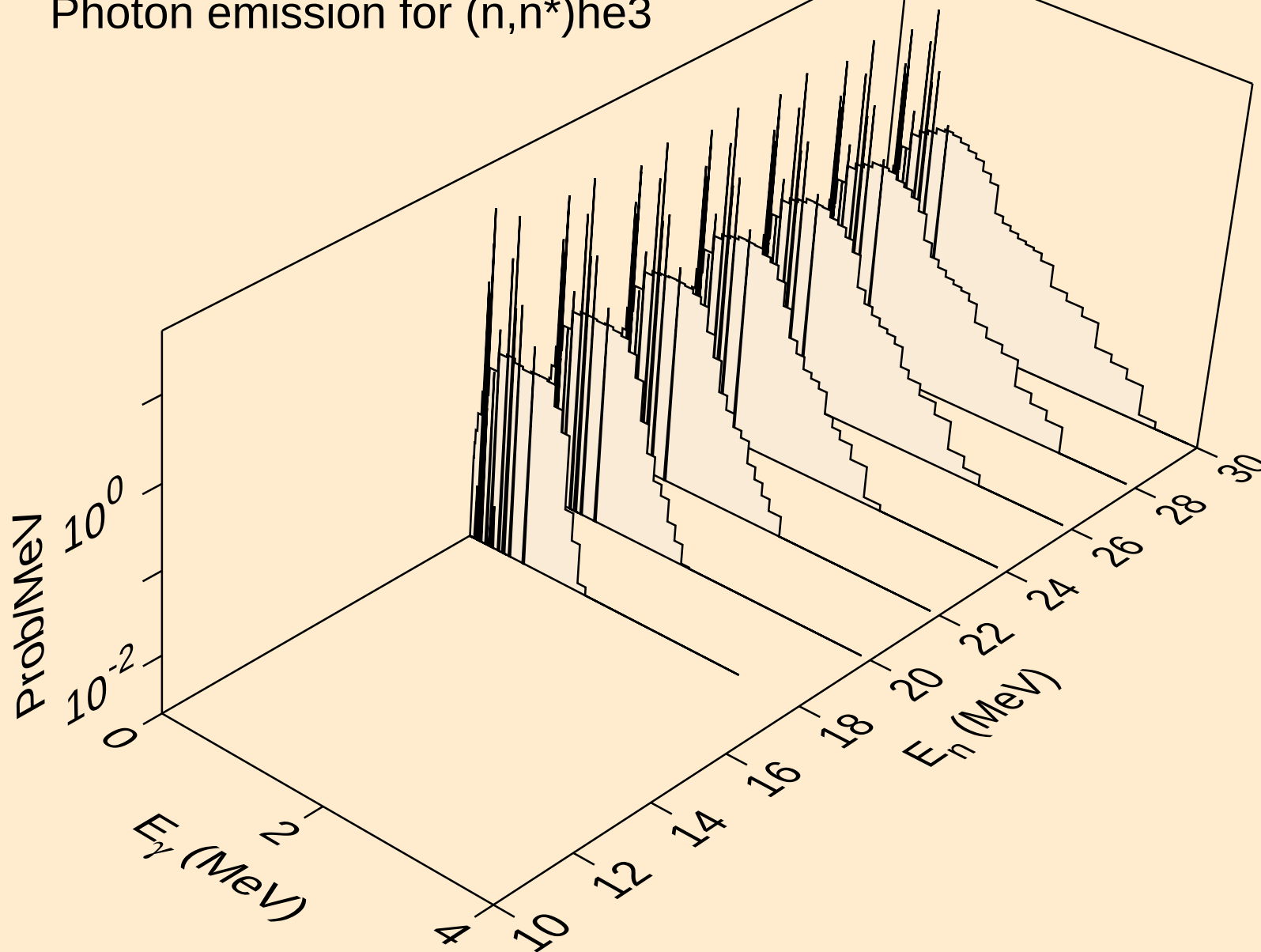
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



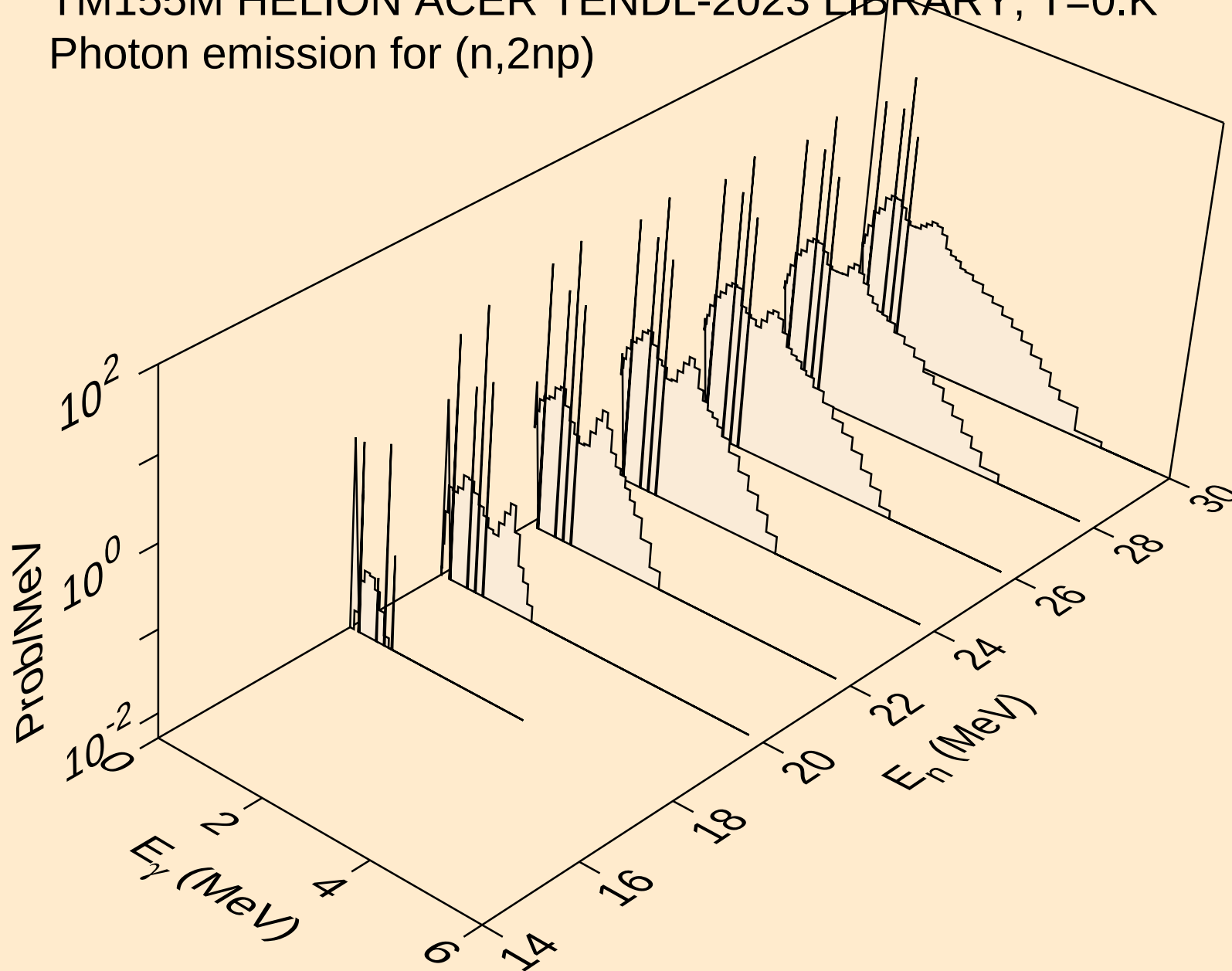
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

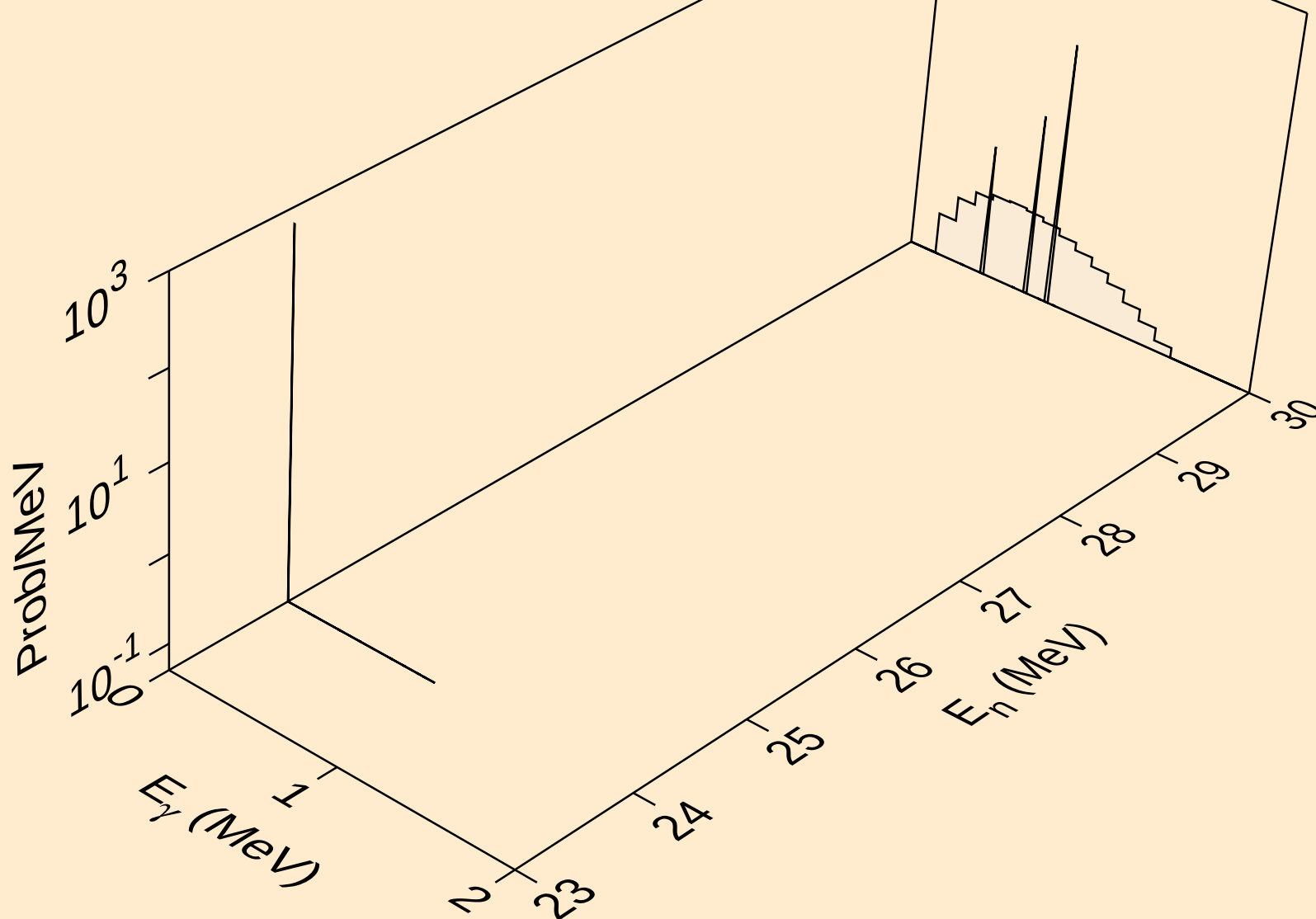


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Photon emission for (n,2np)

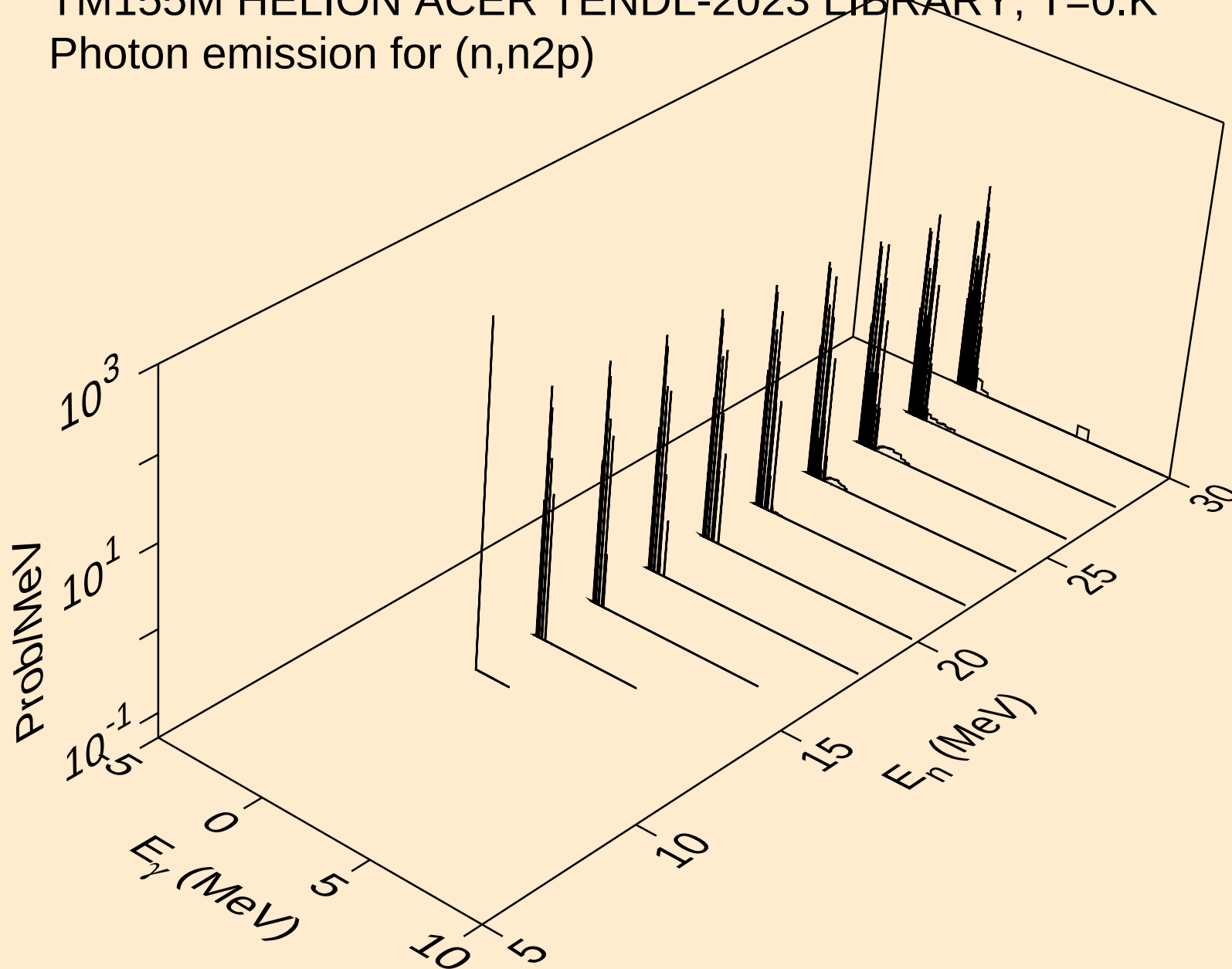




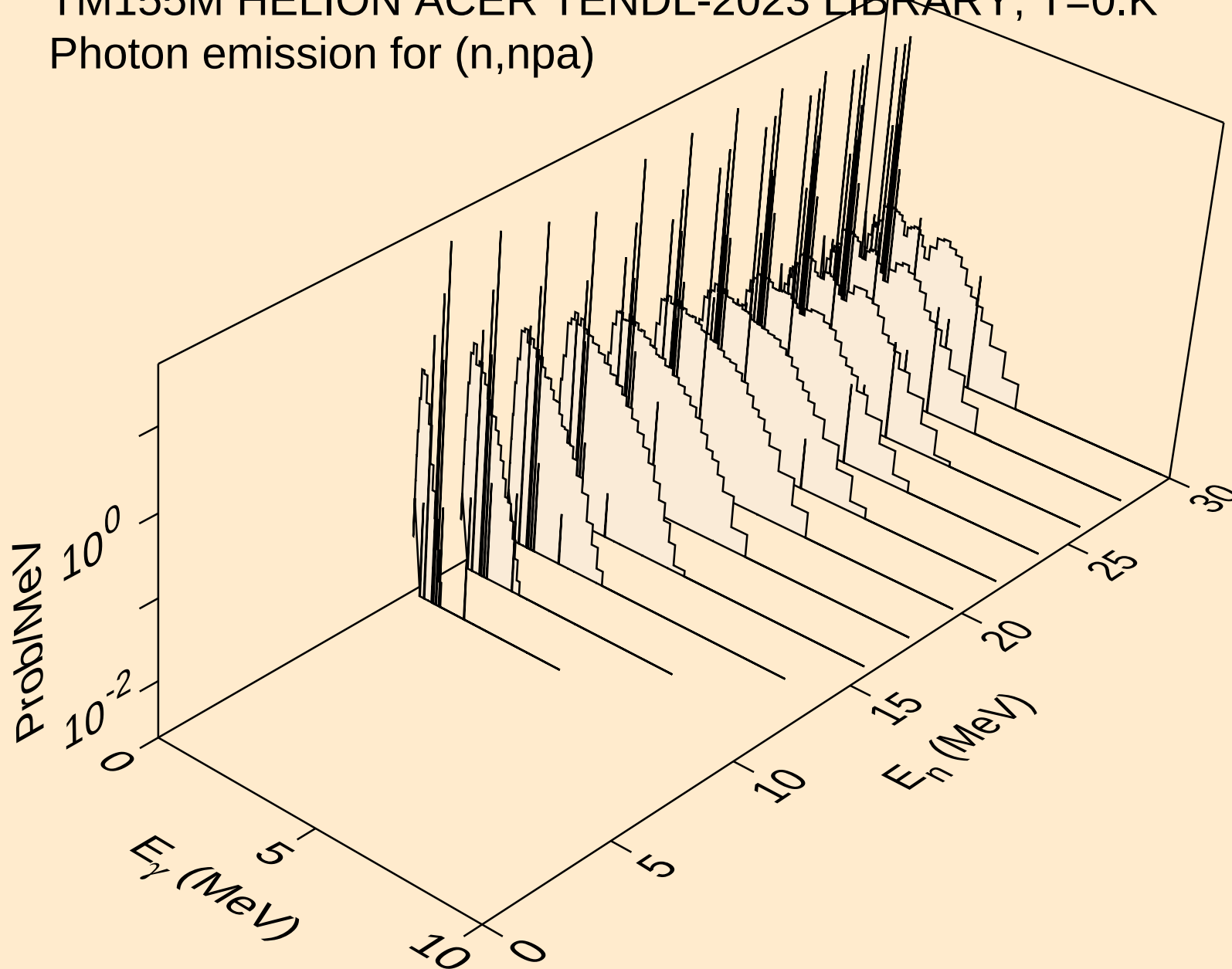
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Photon emission for (n,3np)



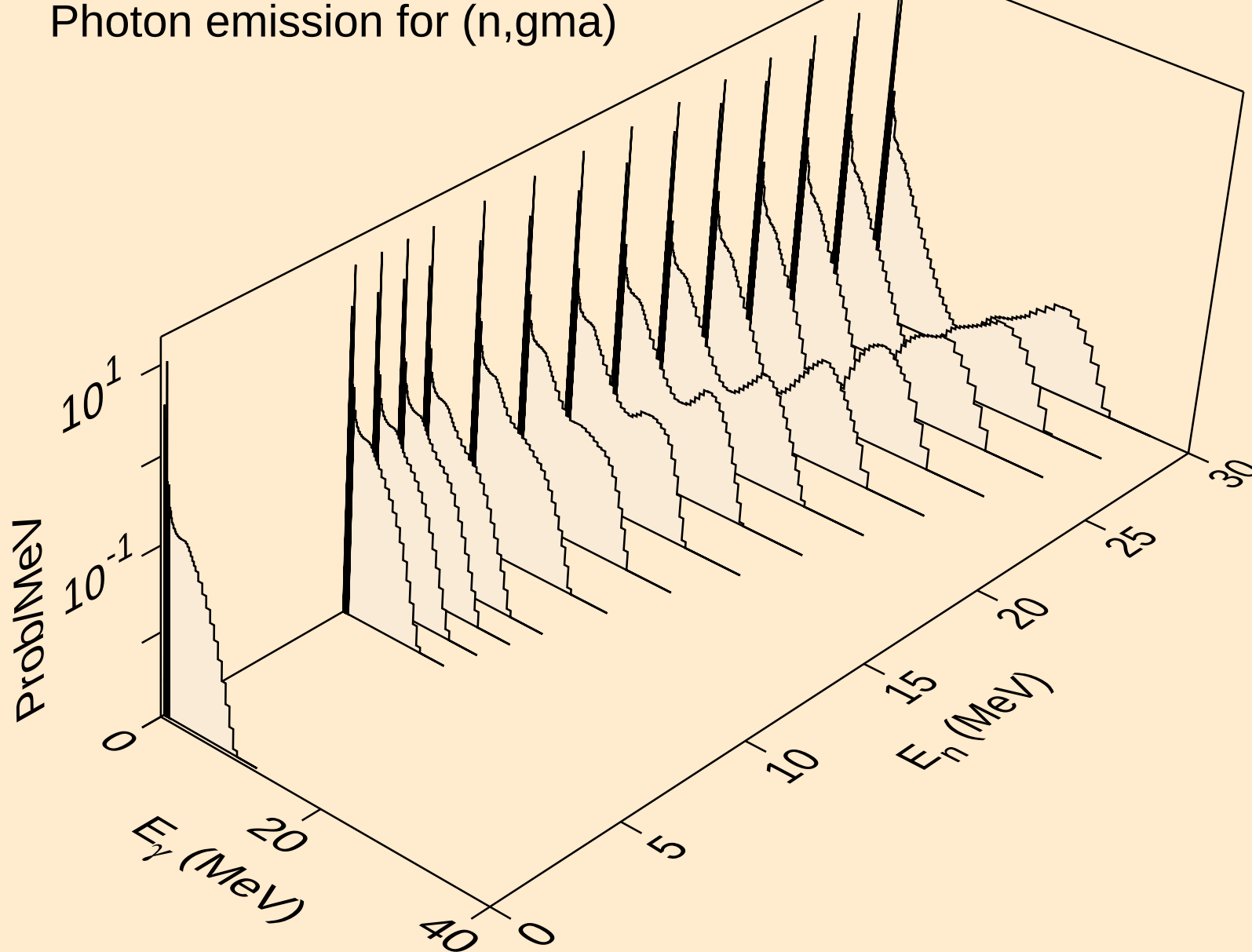
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Photon emission for (n,n2p)



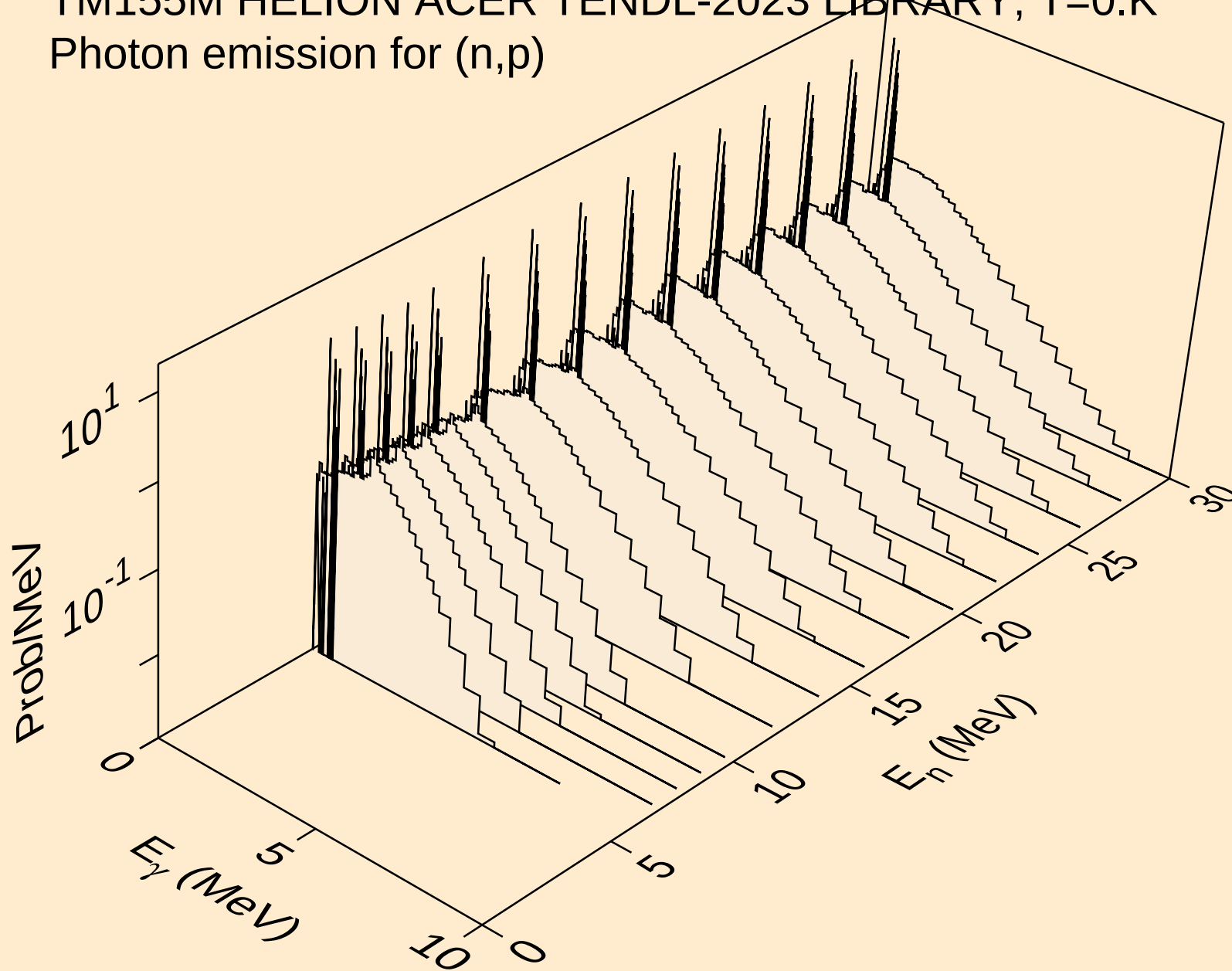
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Photon emission for (n,npa)



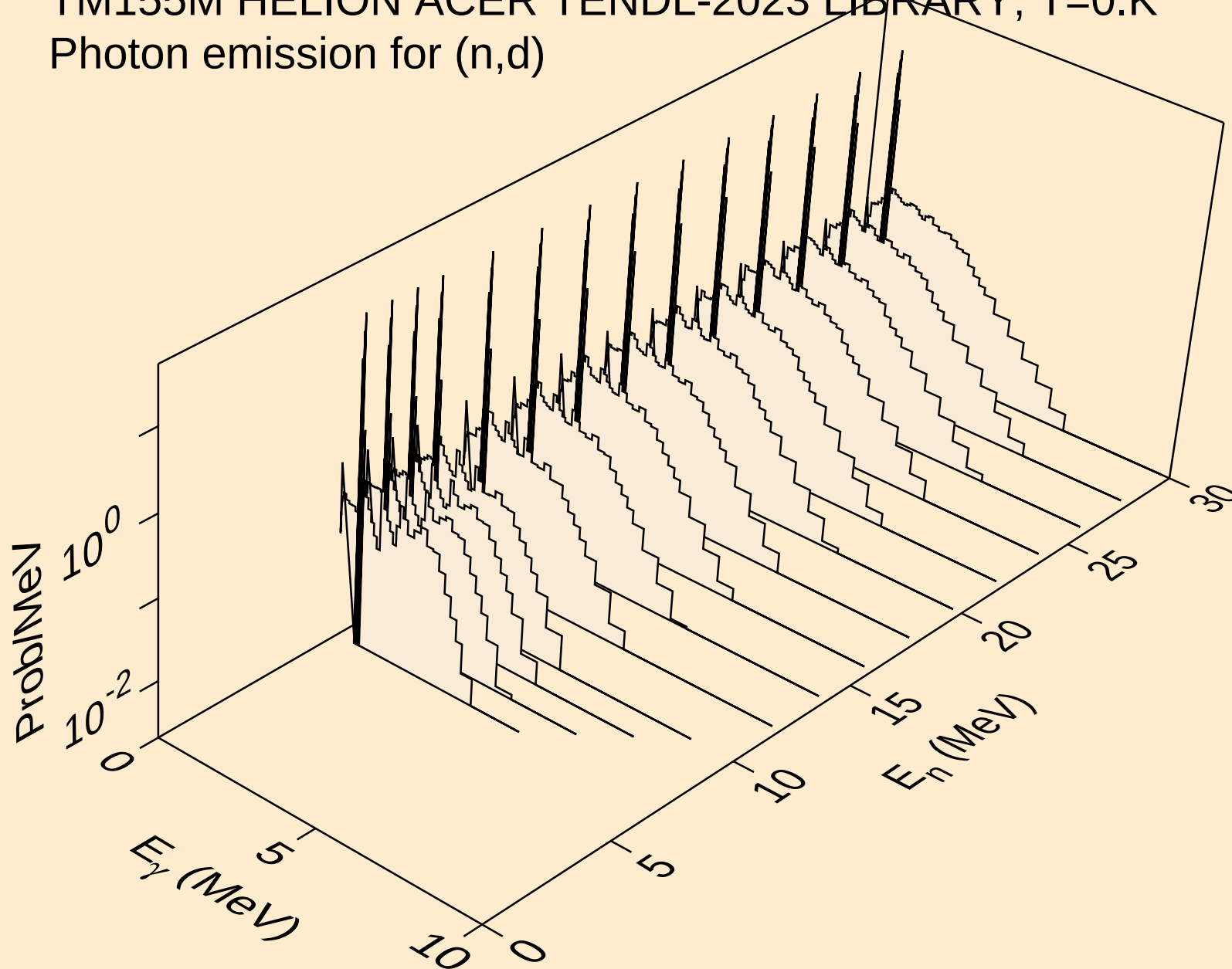
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Photon emission for (n,gma)



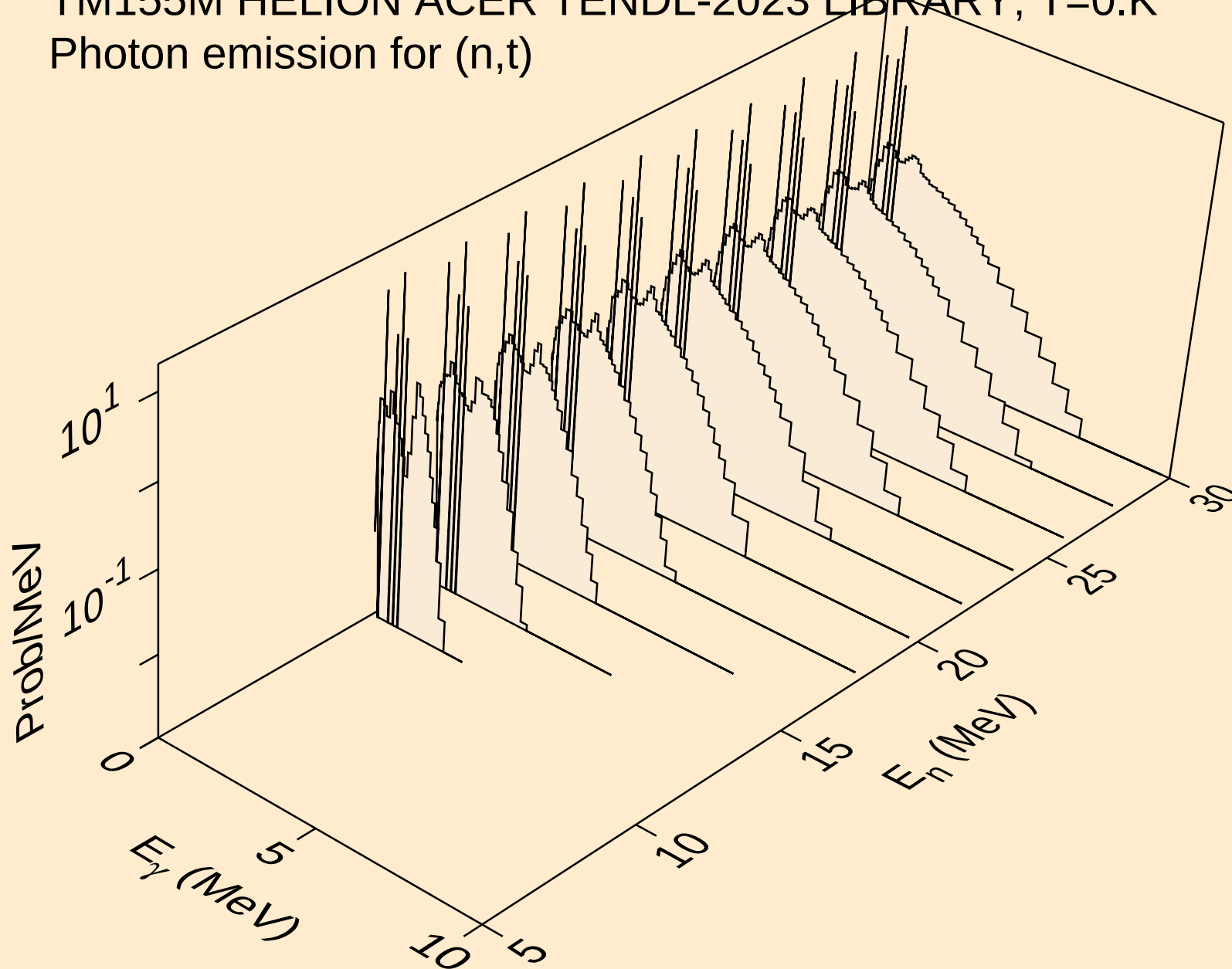
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Photon emission for (n,p)



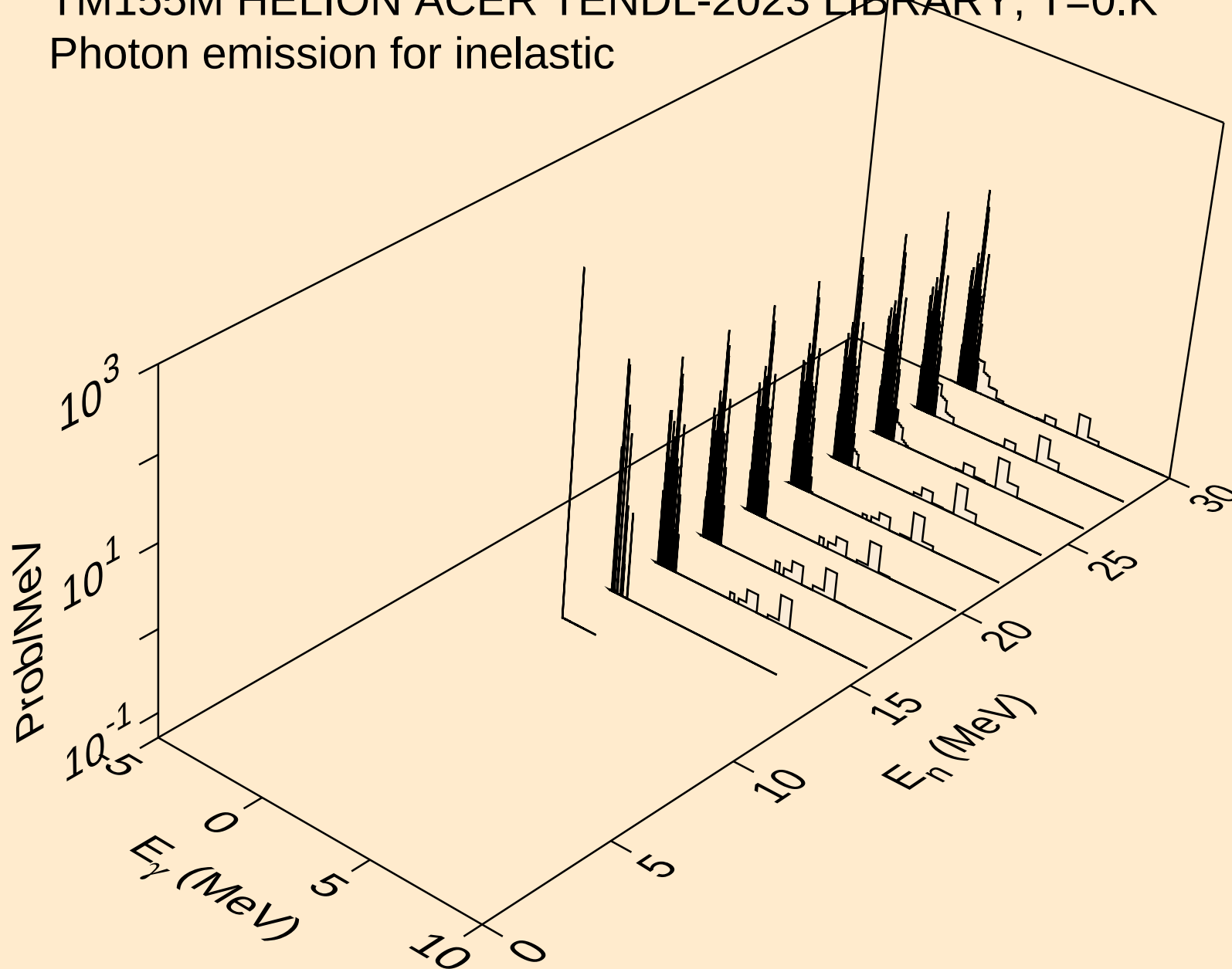
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

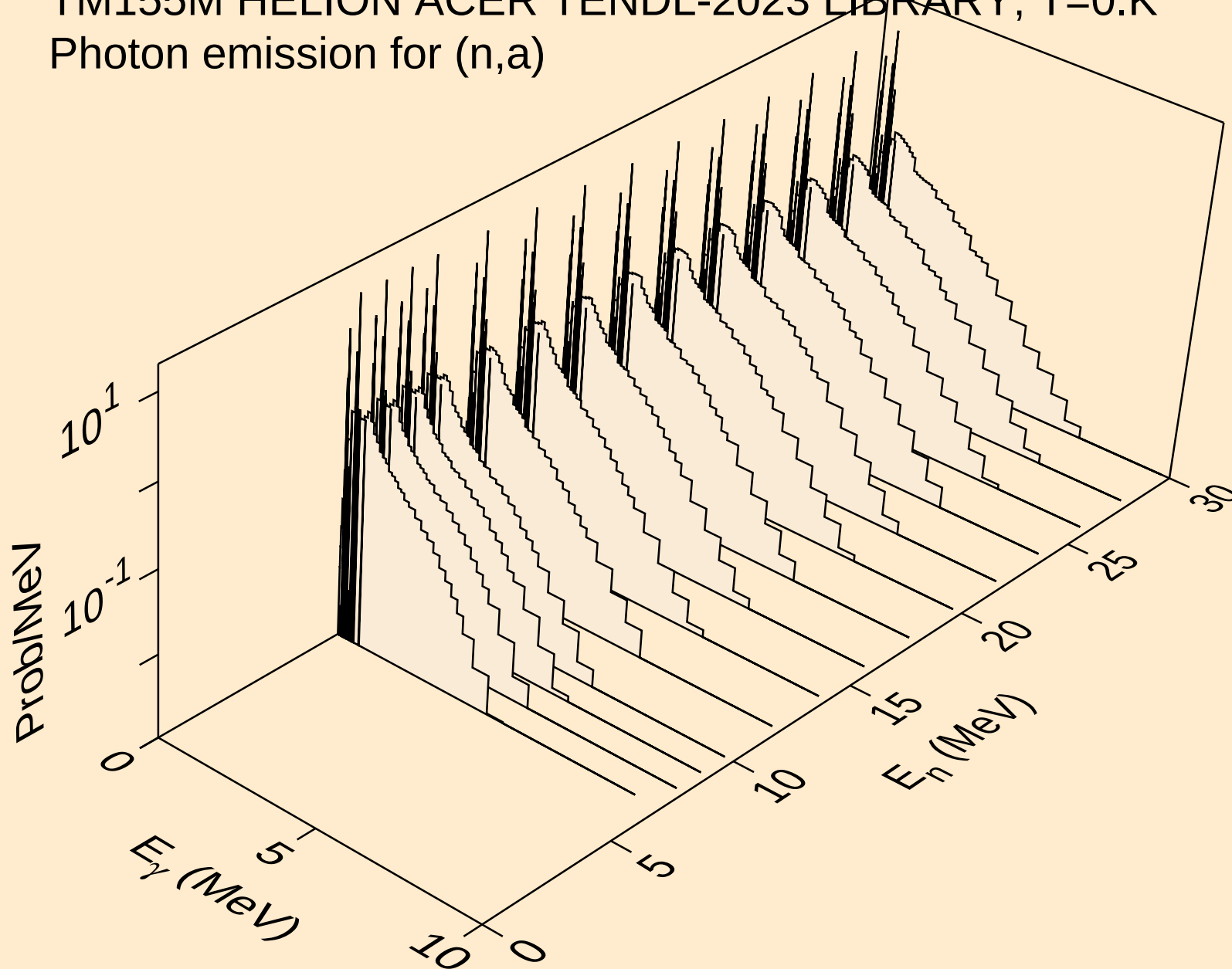


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Photon emission for inelastic

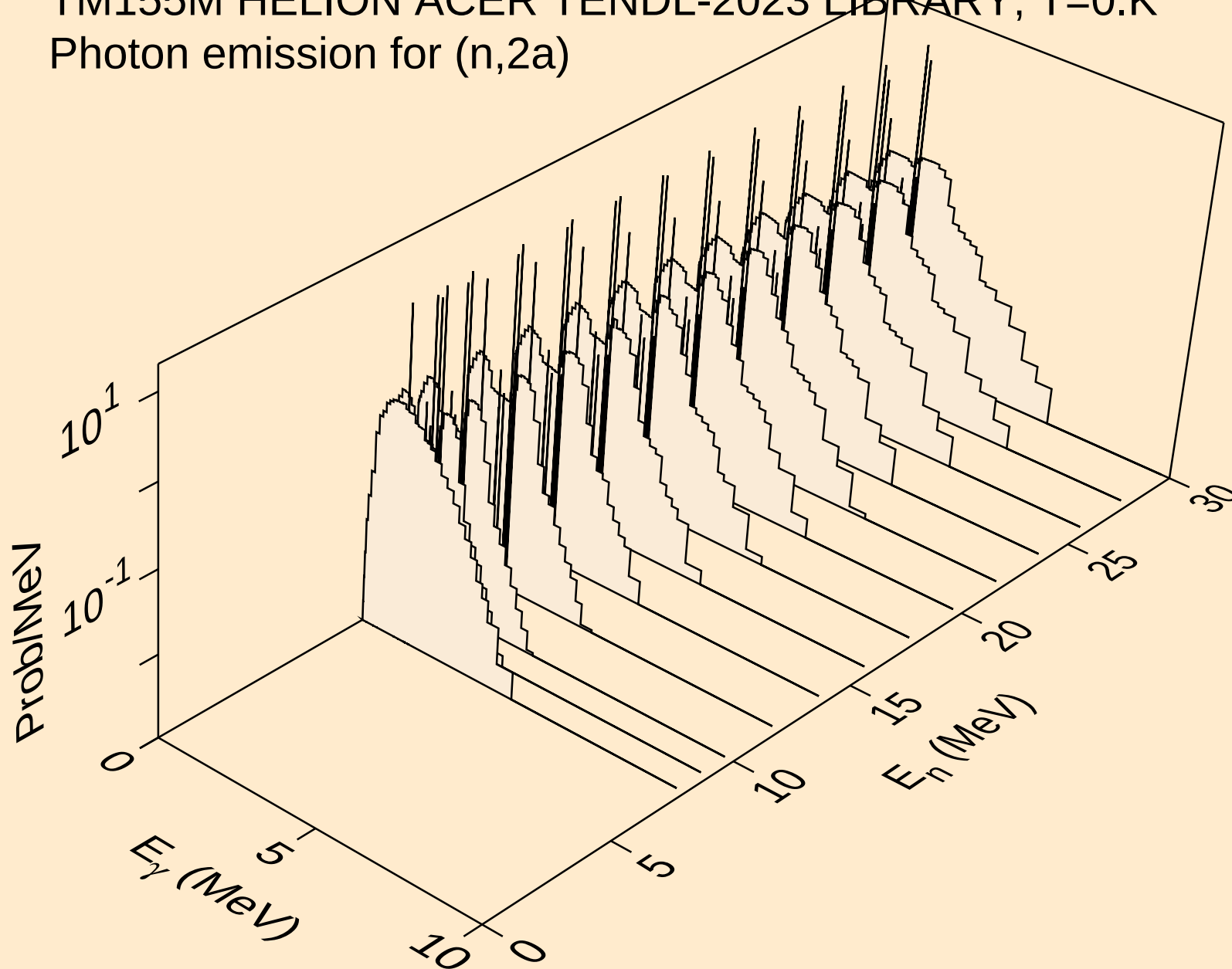




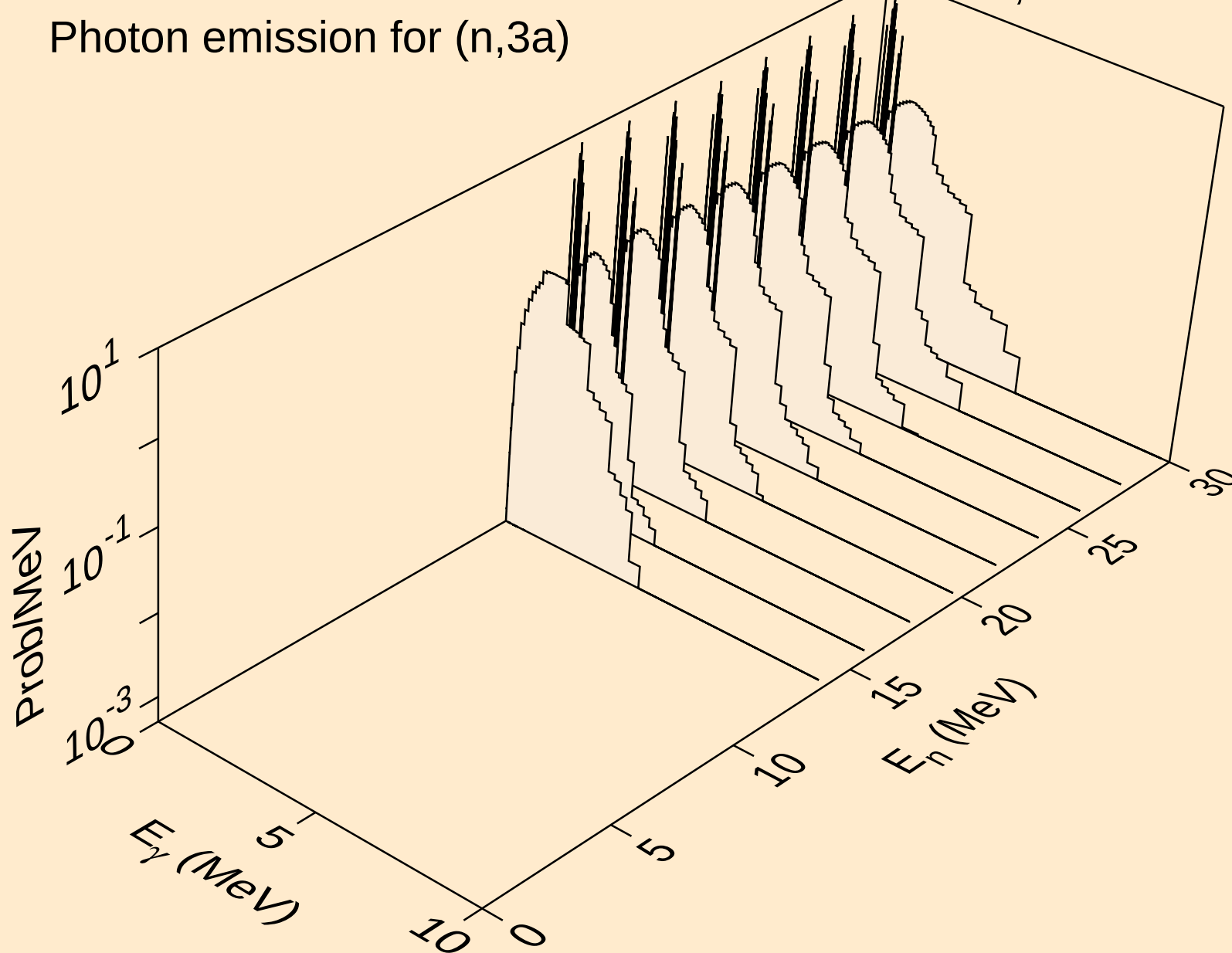
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Photon emission for (n,a)



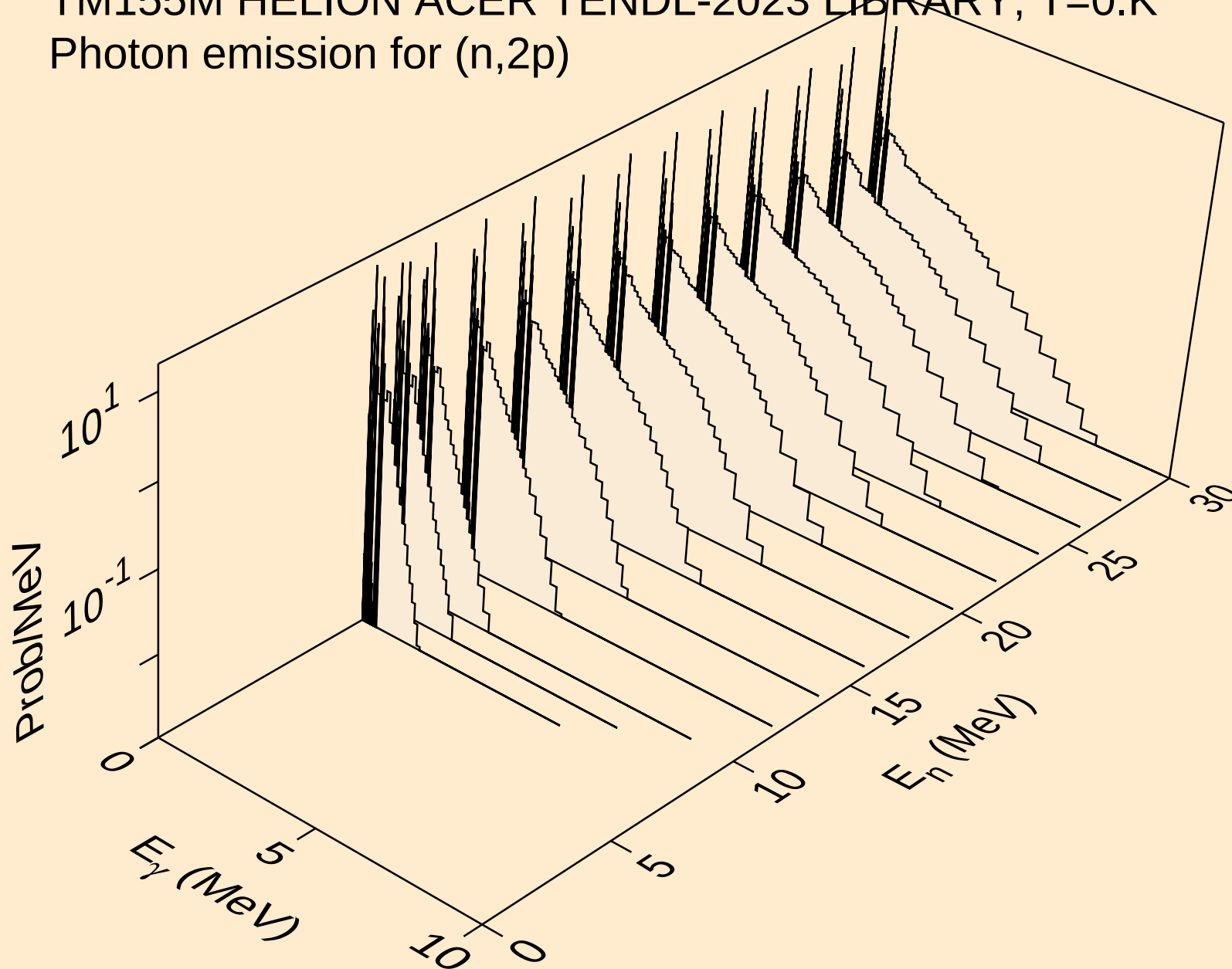
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Photon emission for (n,2a)



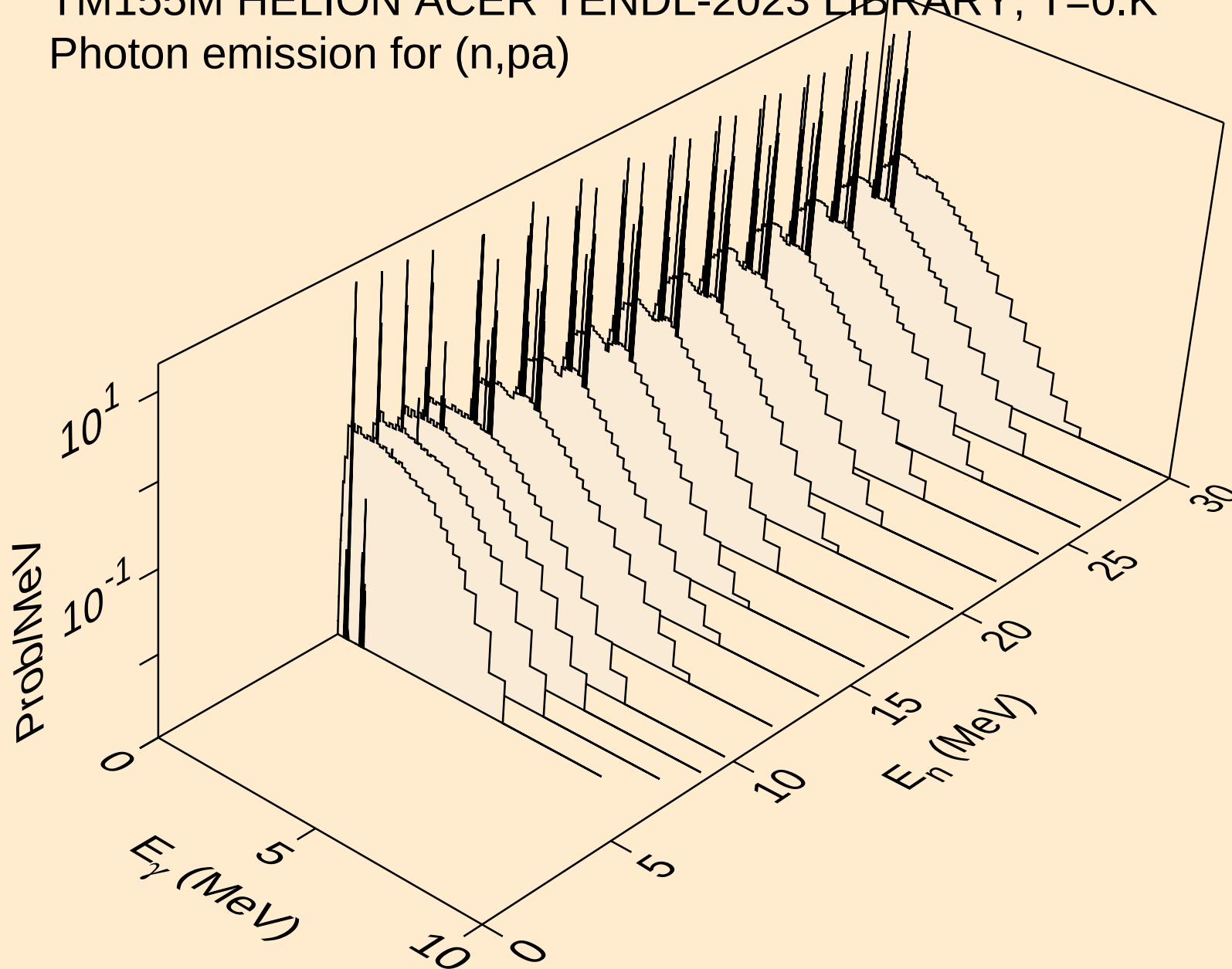
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Photon emission for (n,3a)



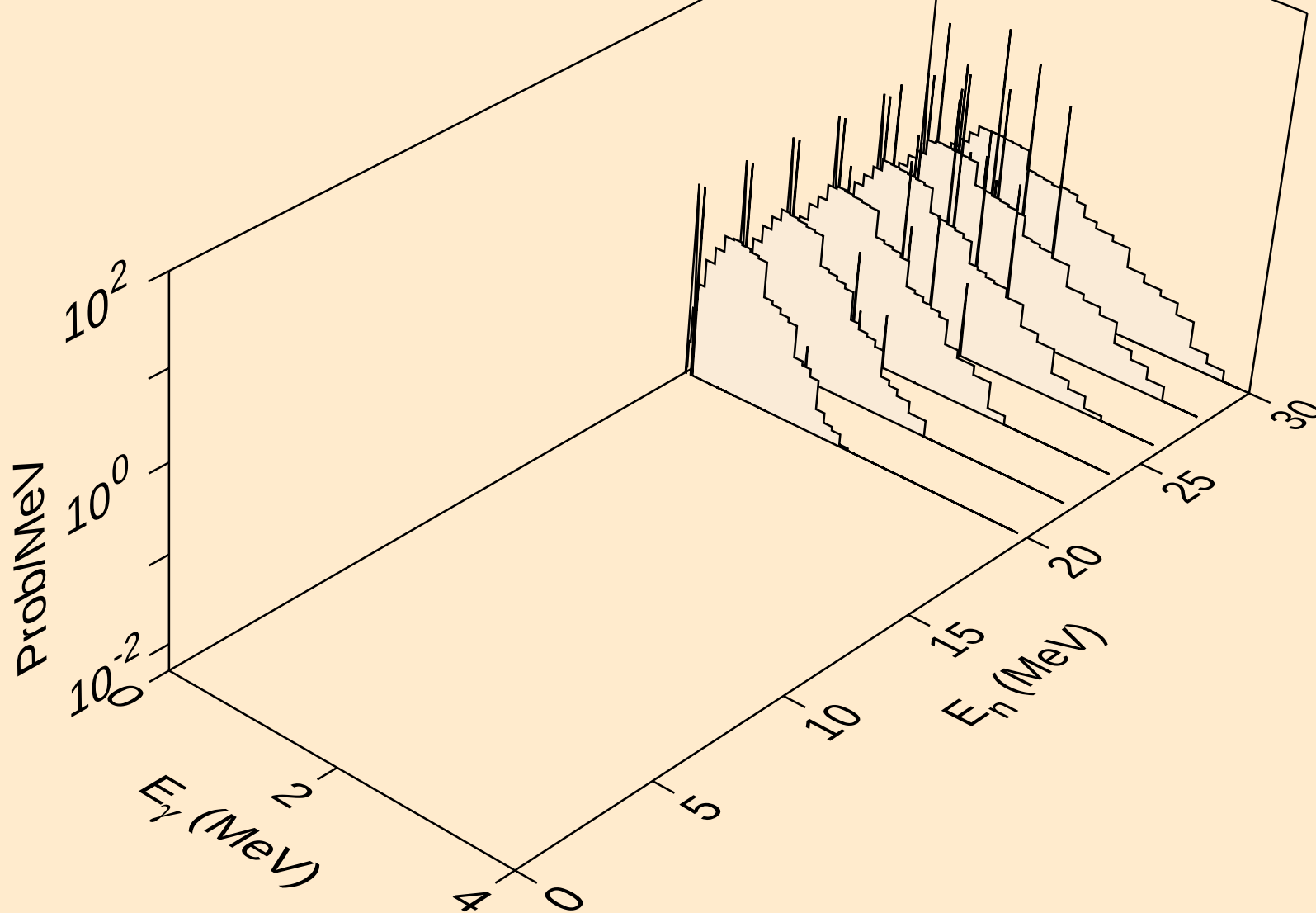
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Photon emission for (n,2p)



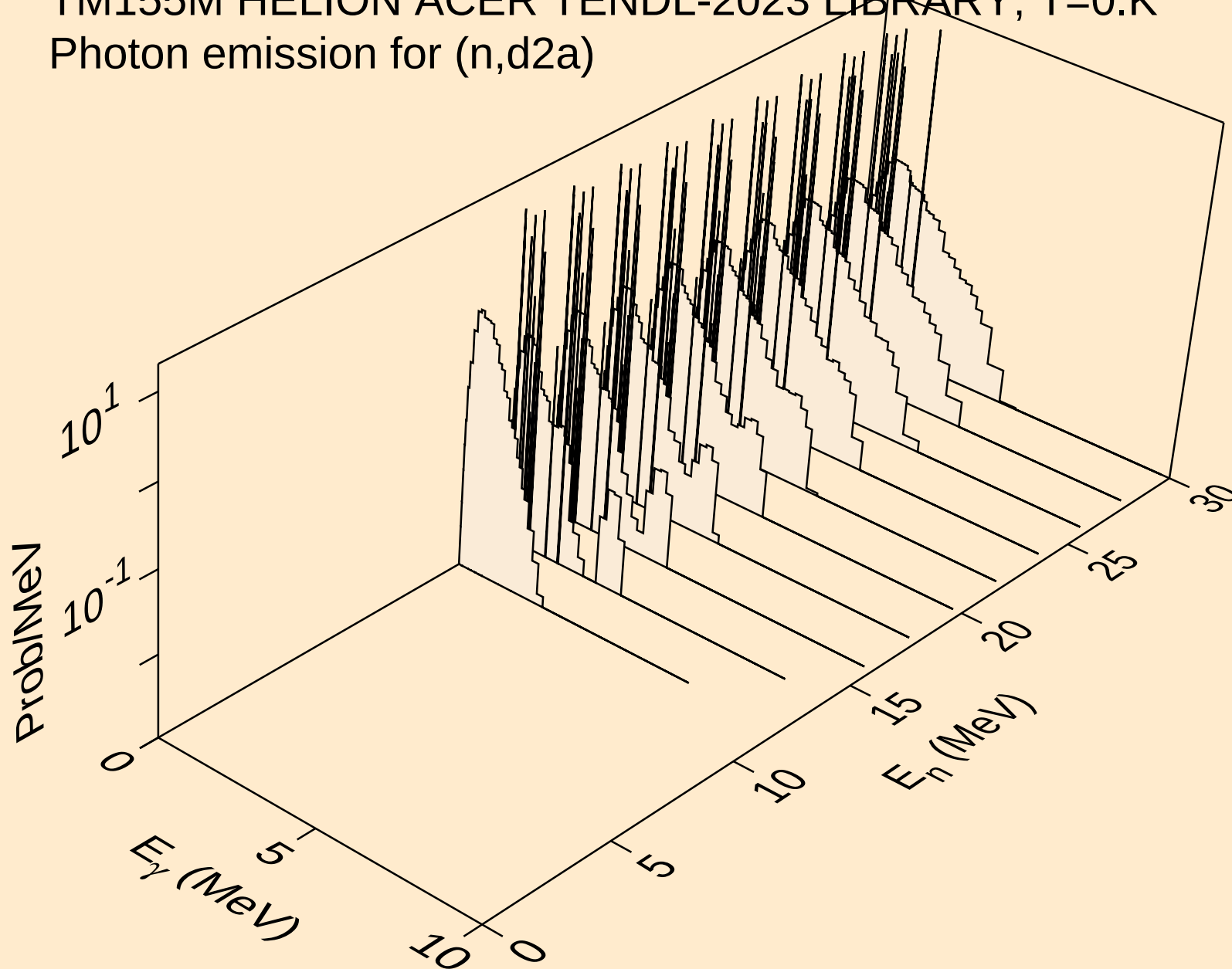
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Photon emission for (n,p $\alpha$ )



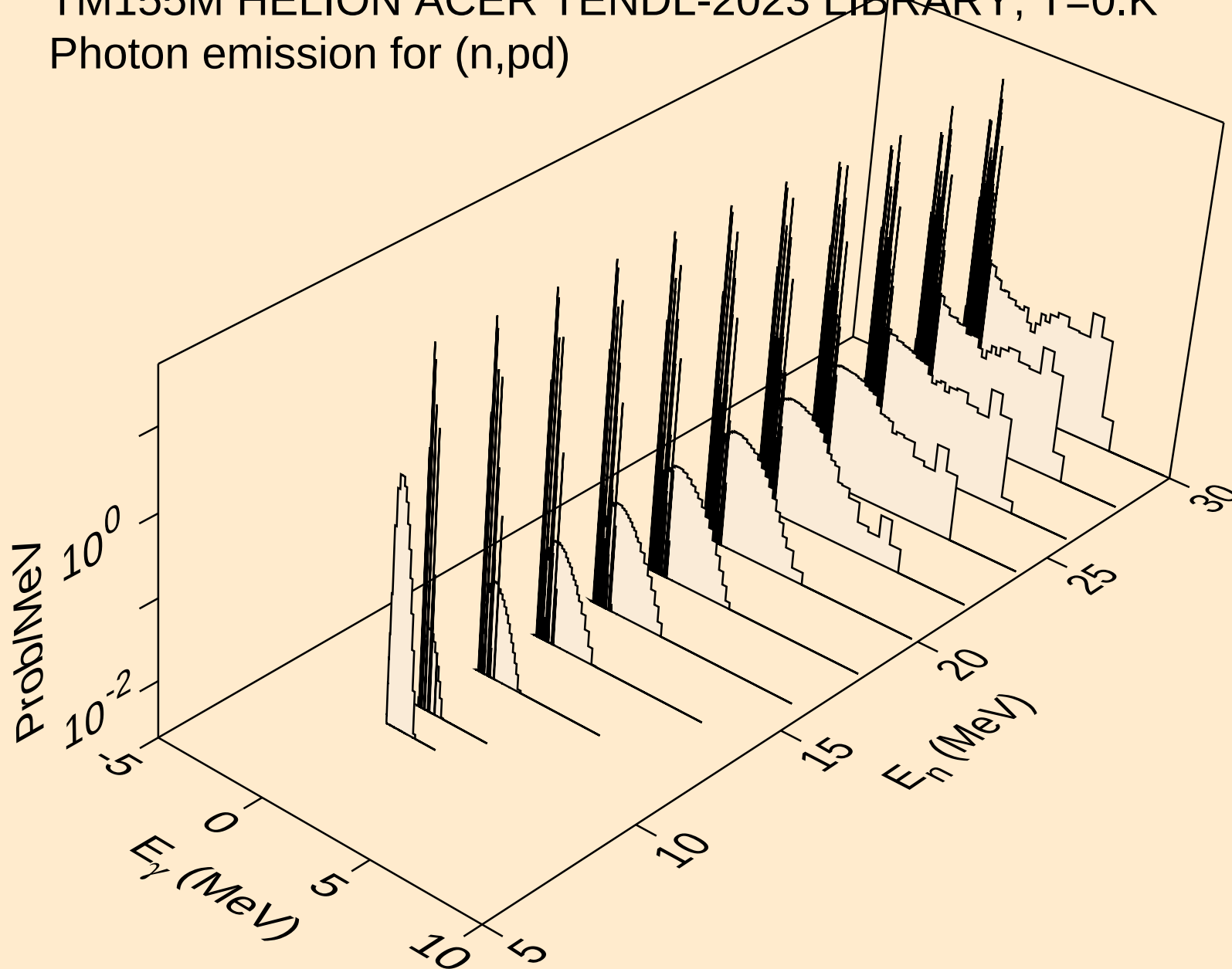
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

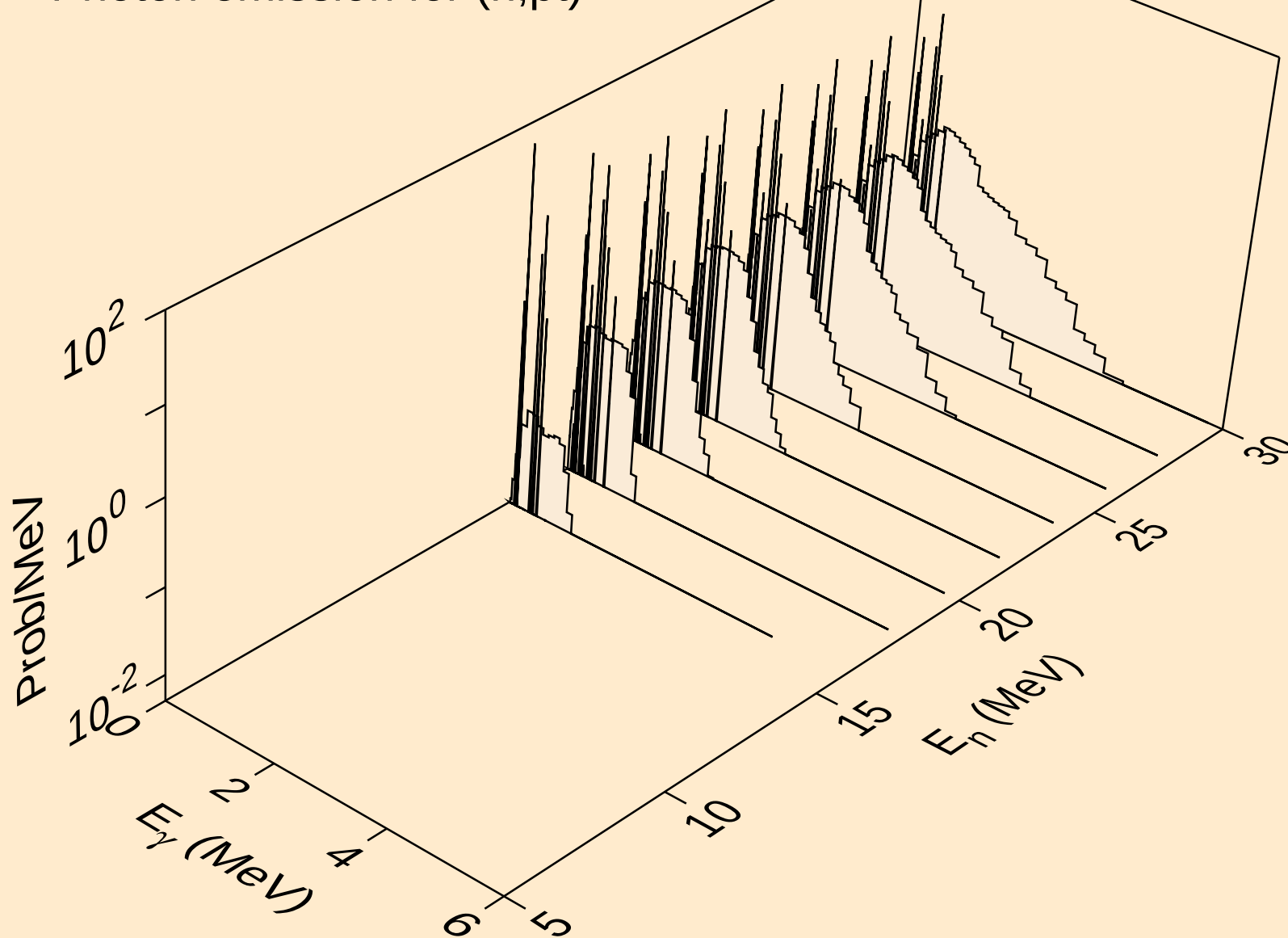


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

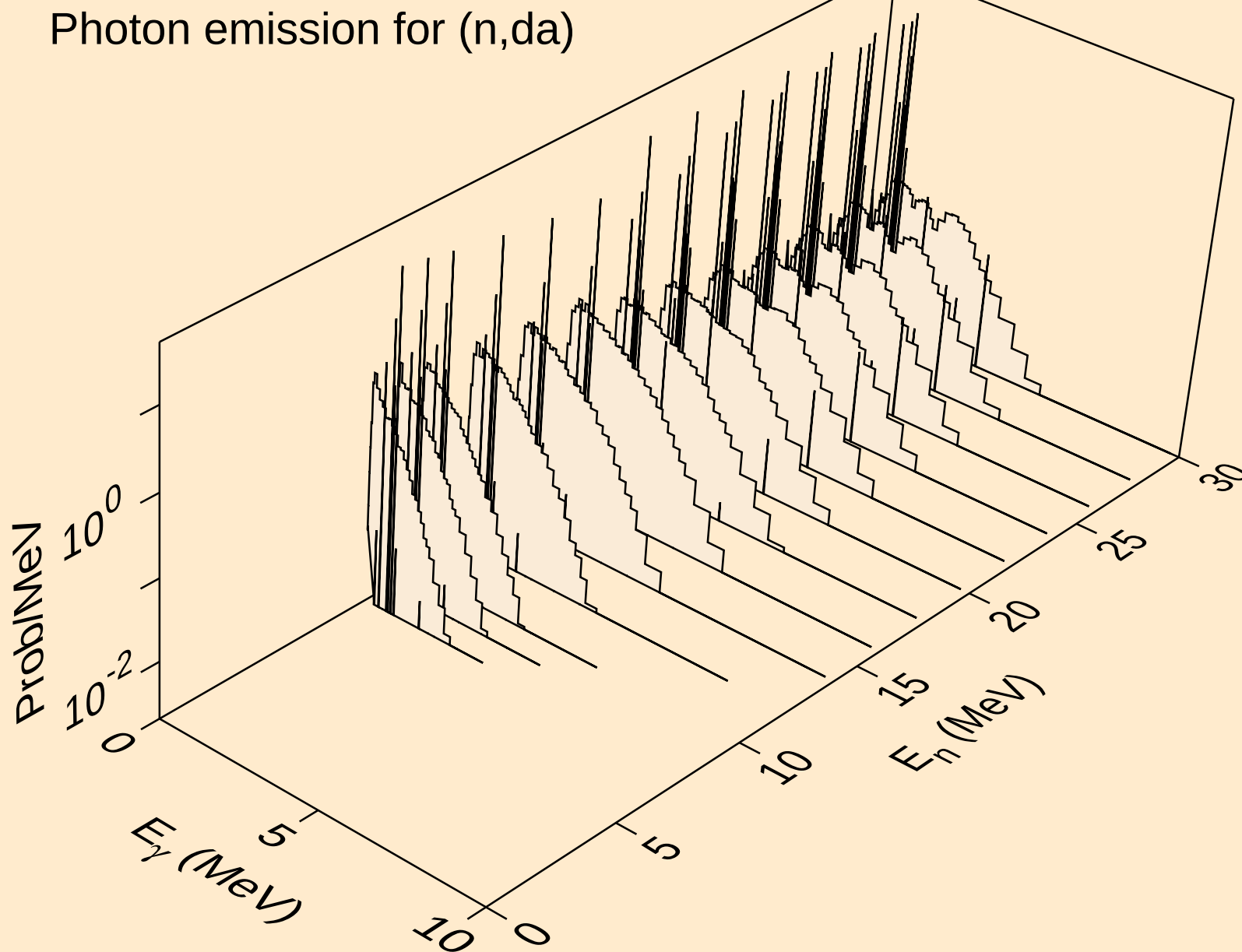




TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

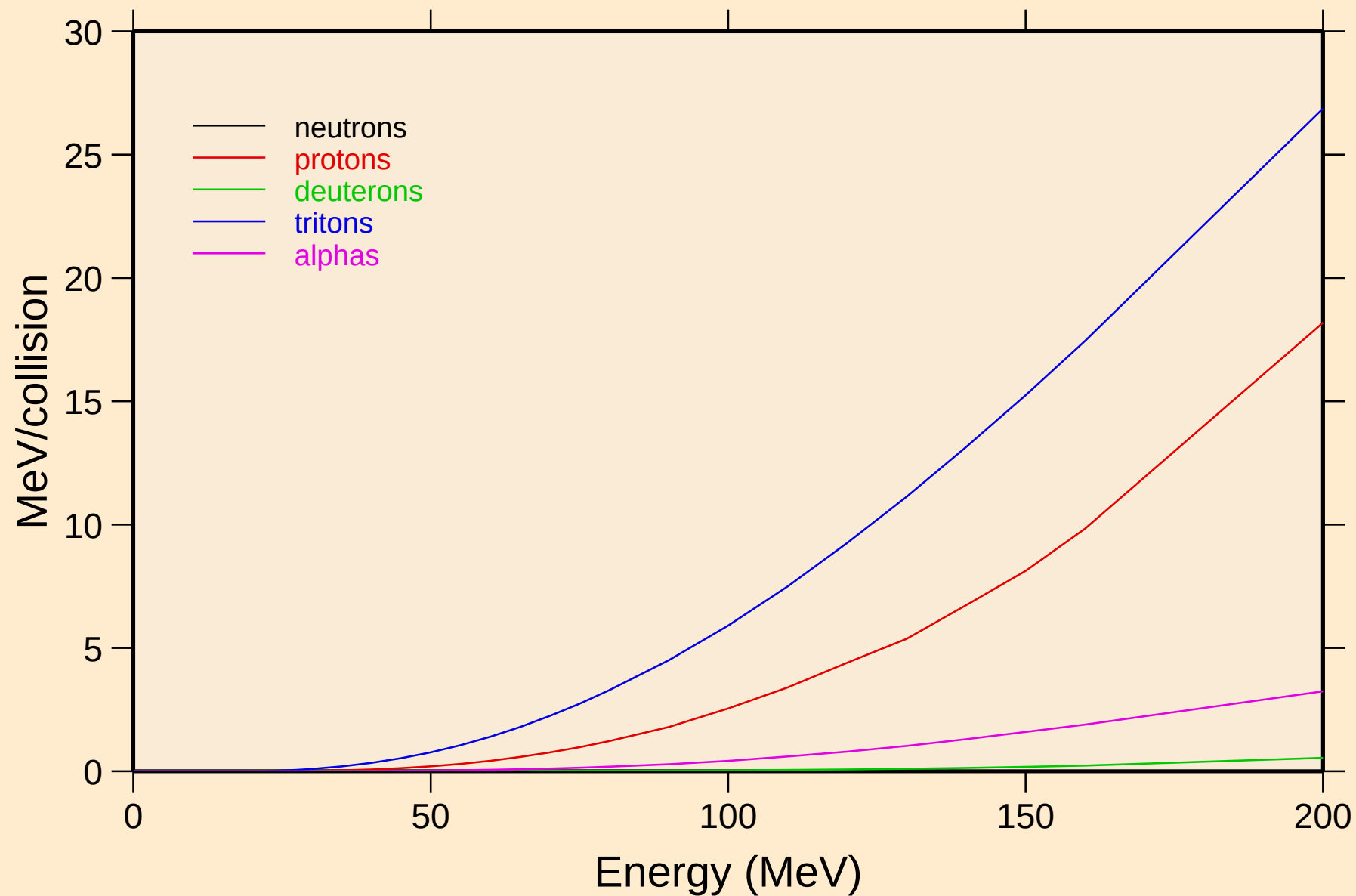


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Photon emission for (n,da)

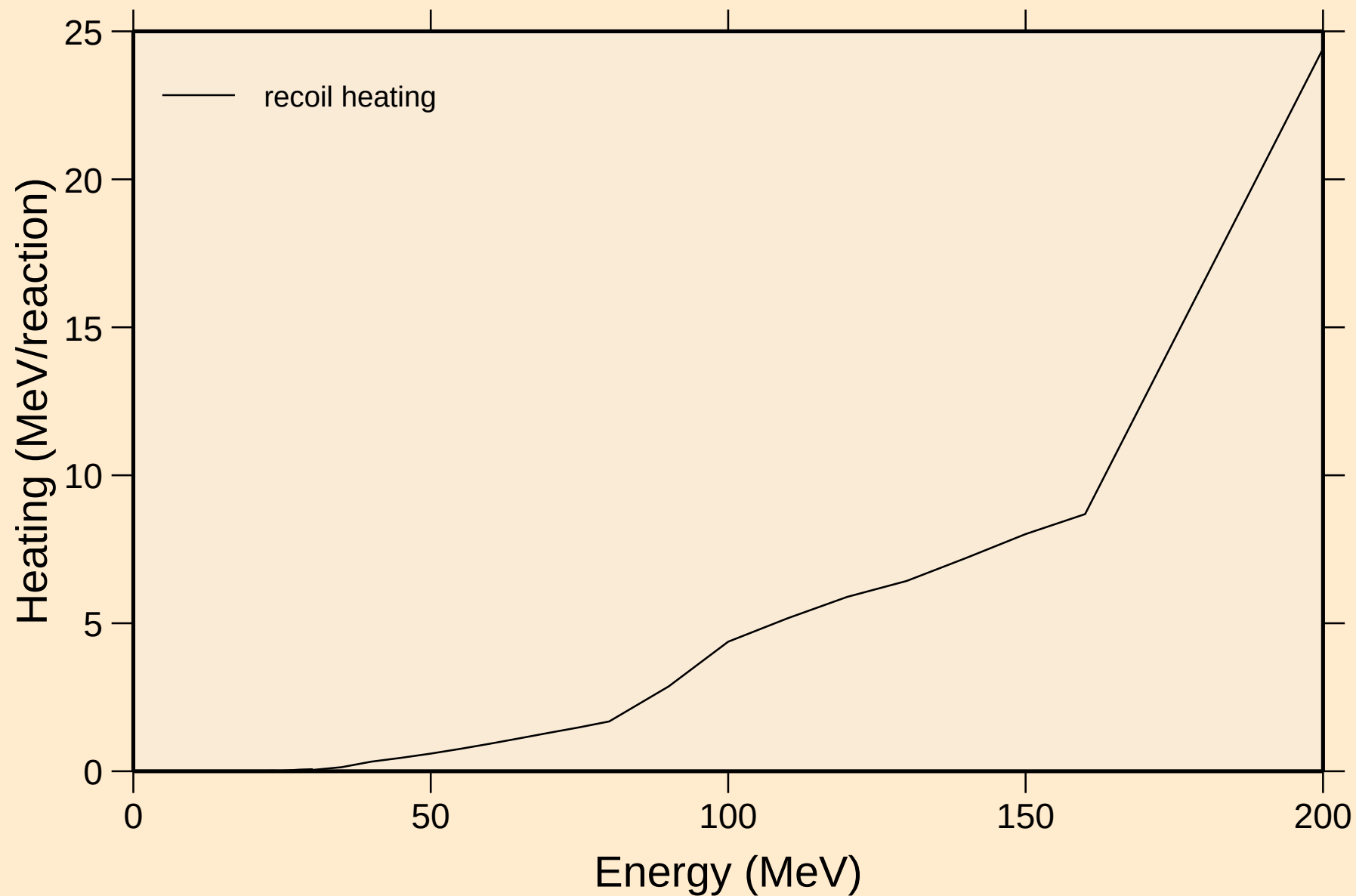


# TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

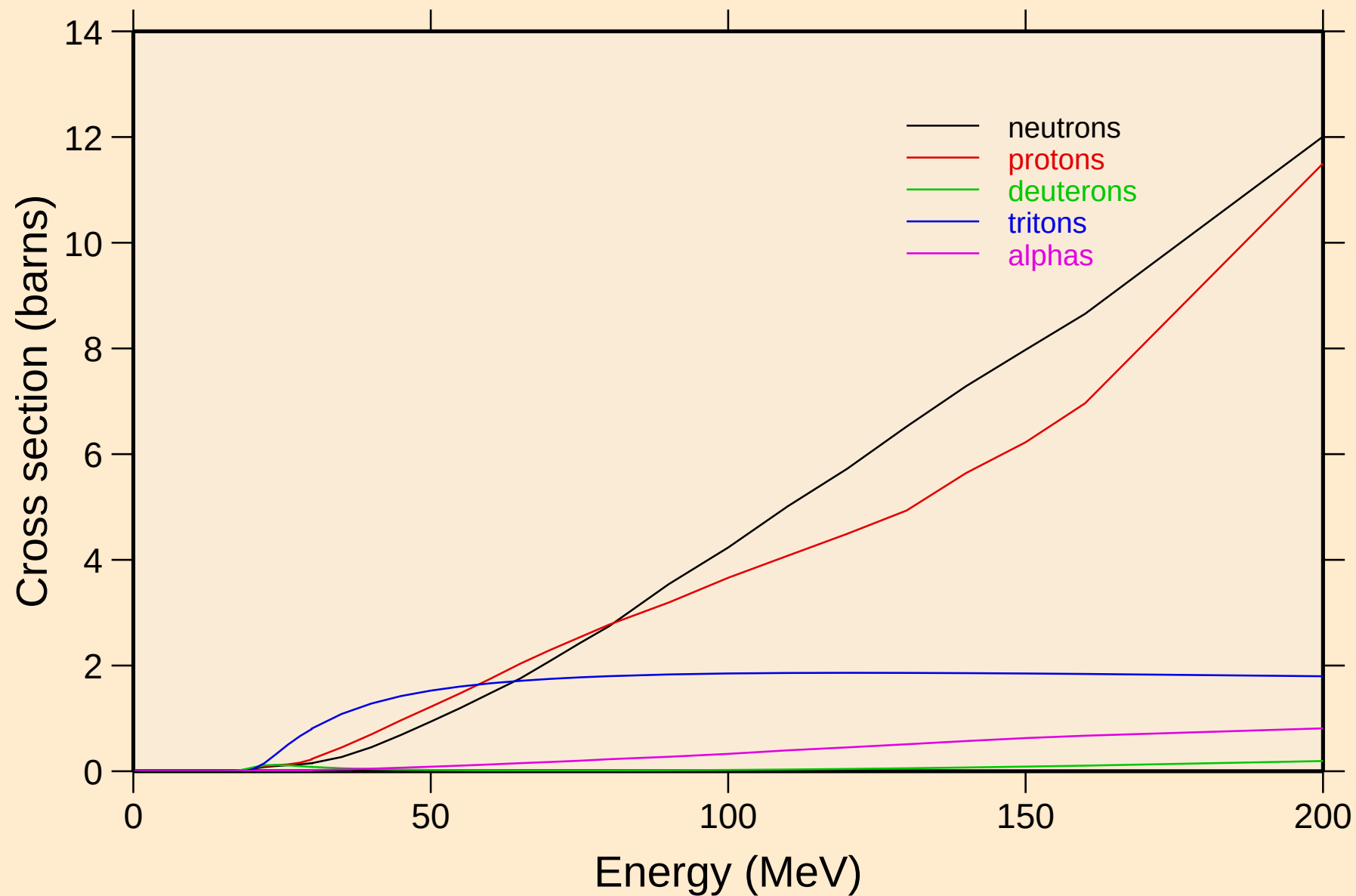


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

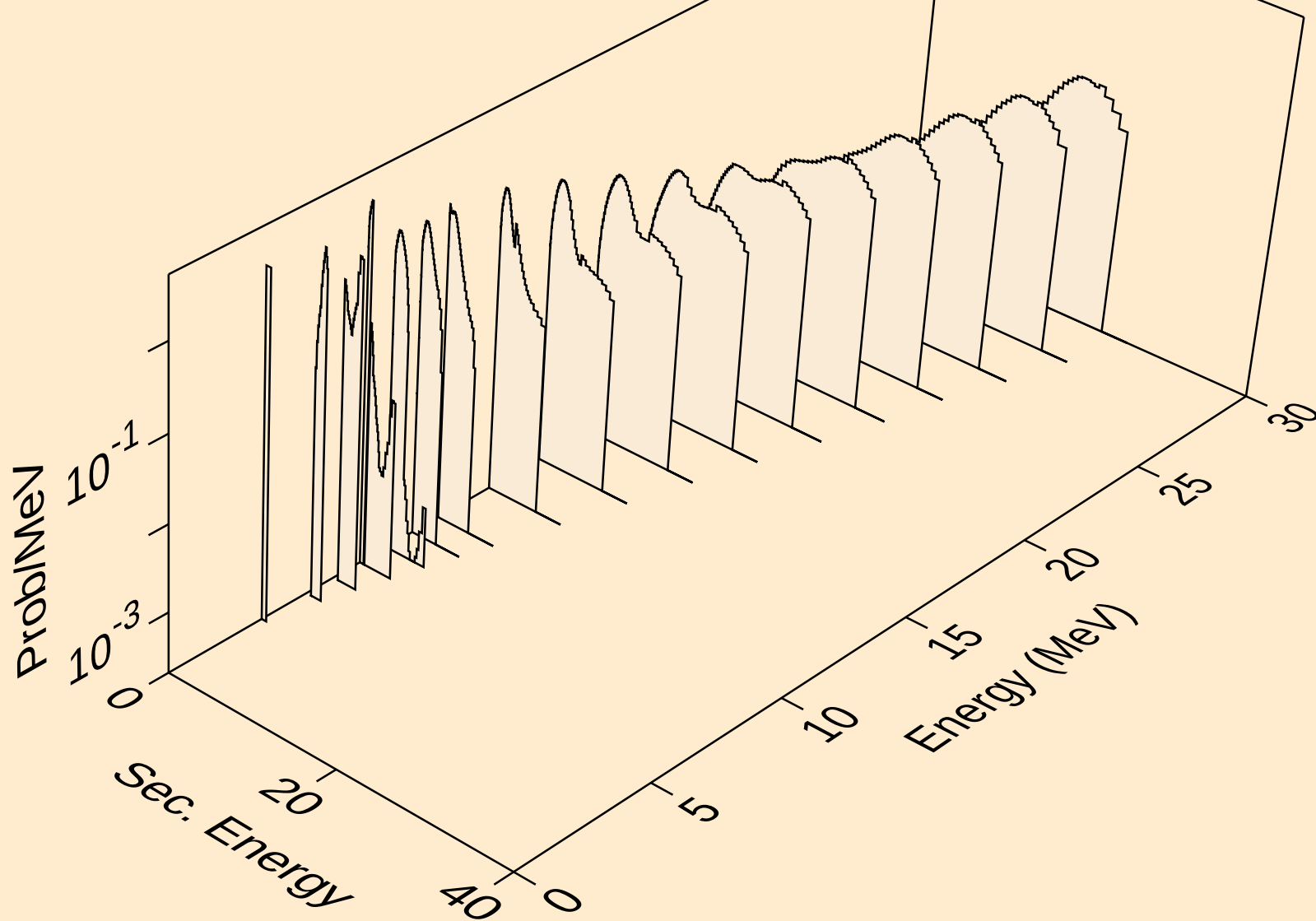


# TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K

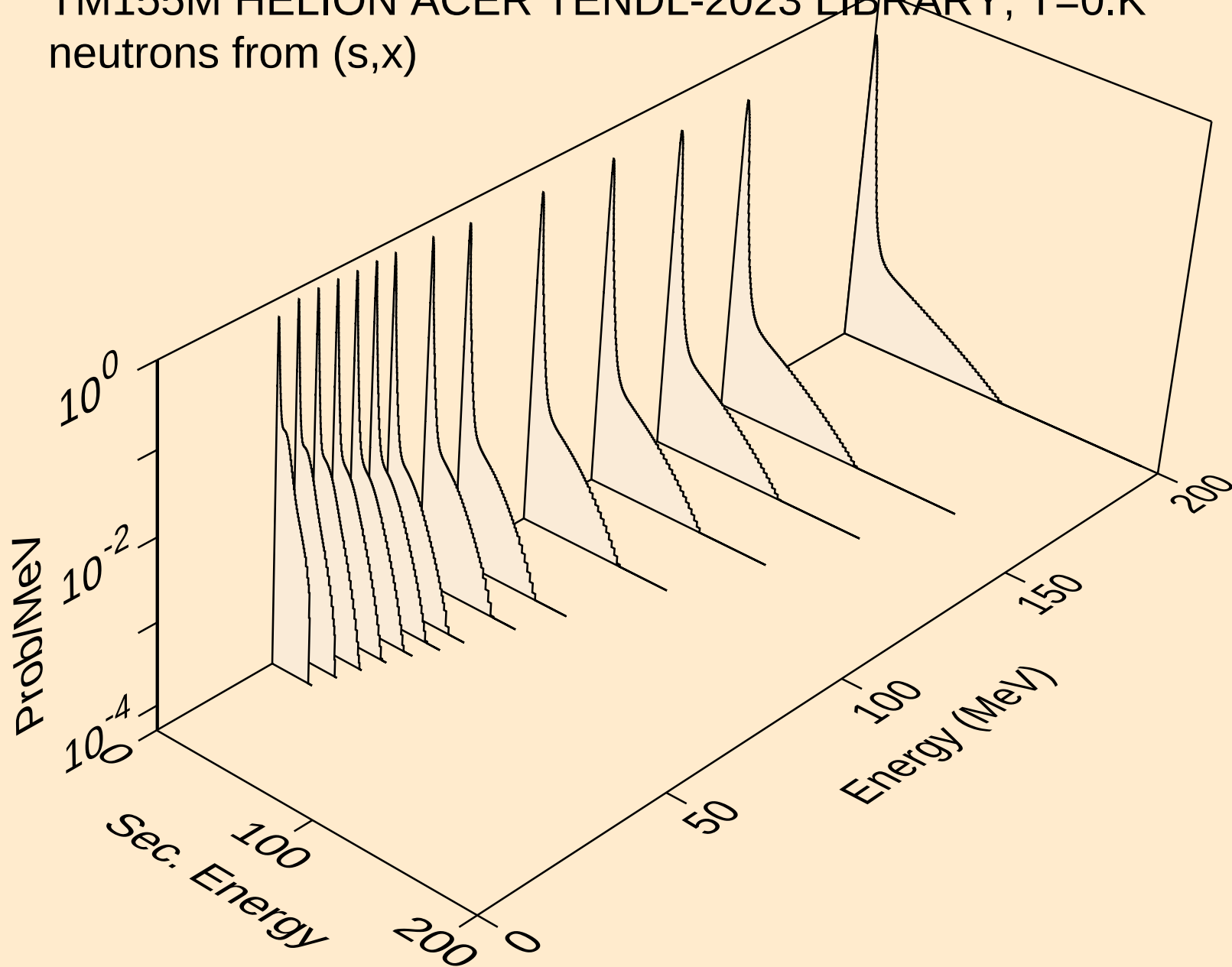
## Particle production cross sections



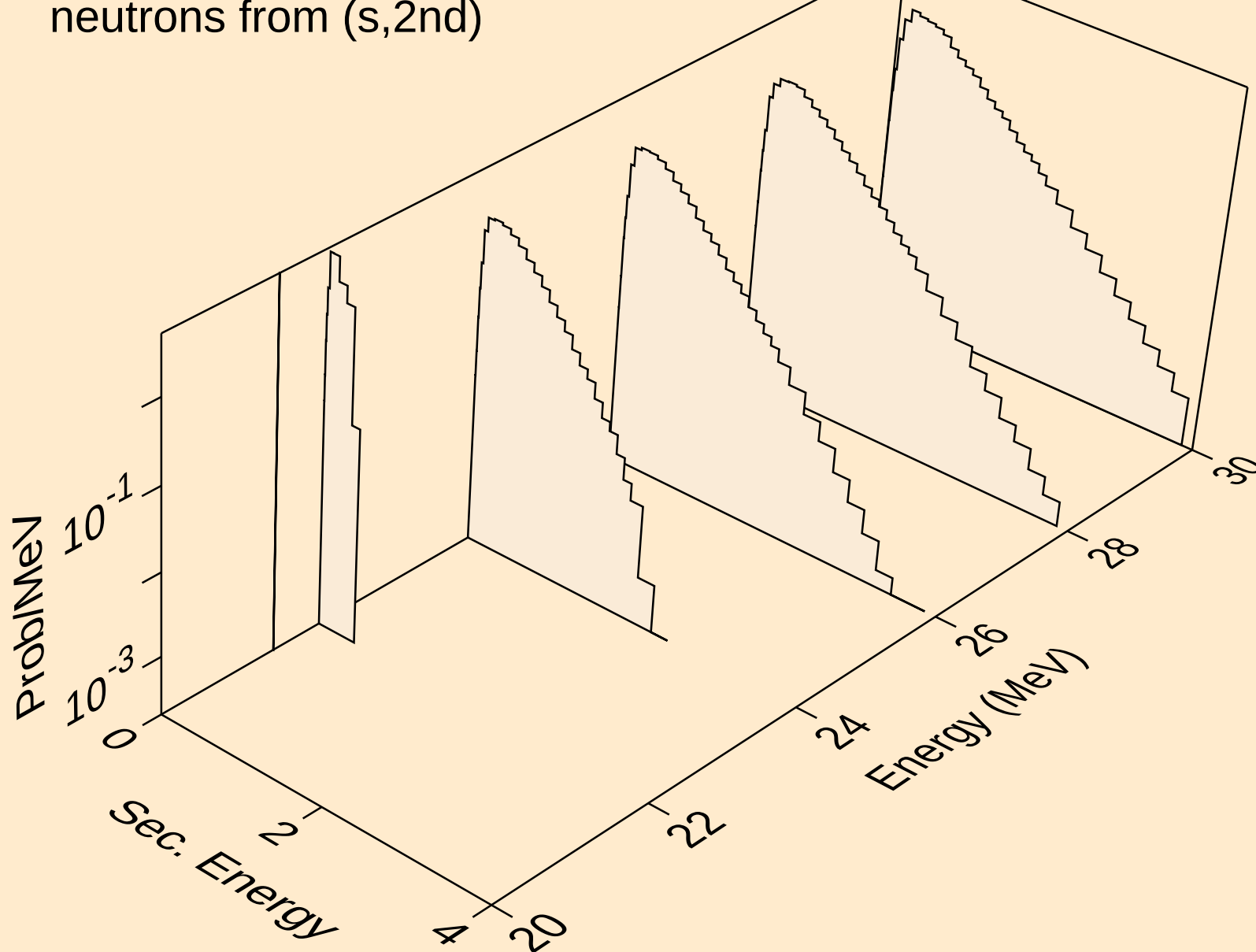
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

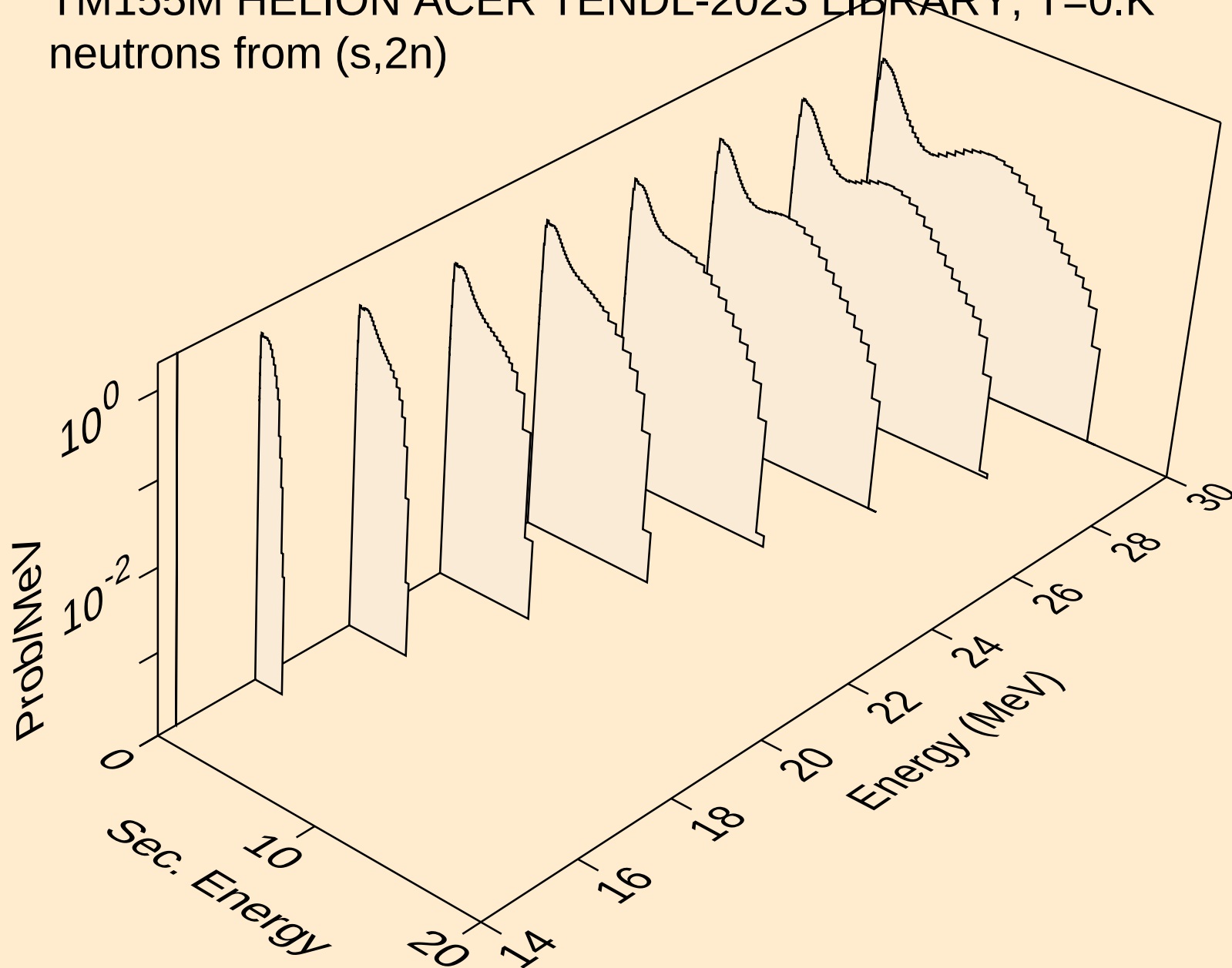


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)

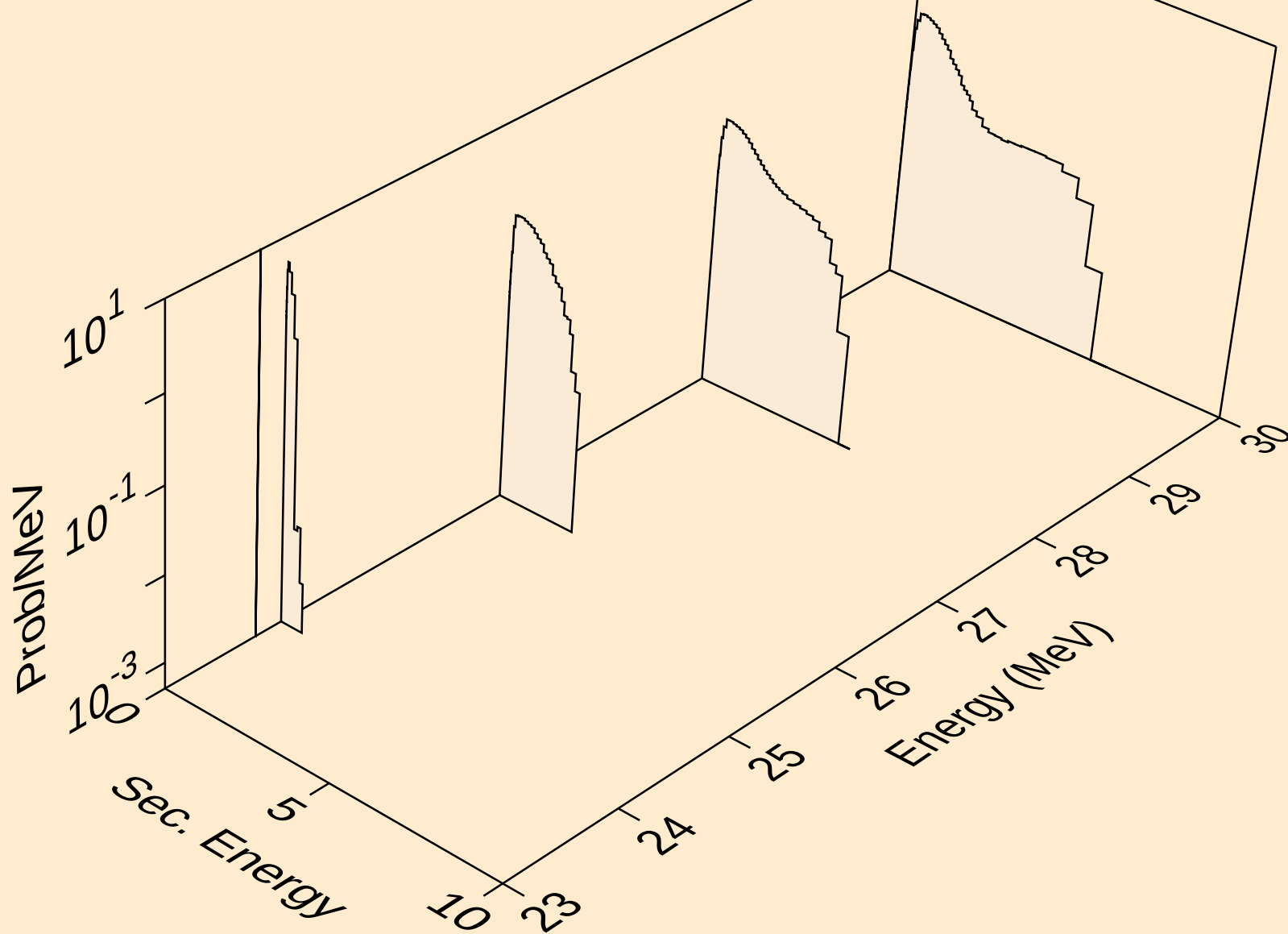




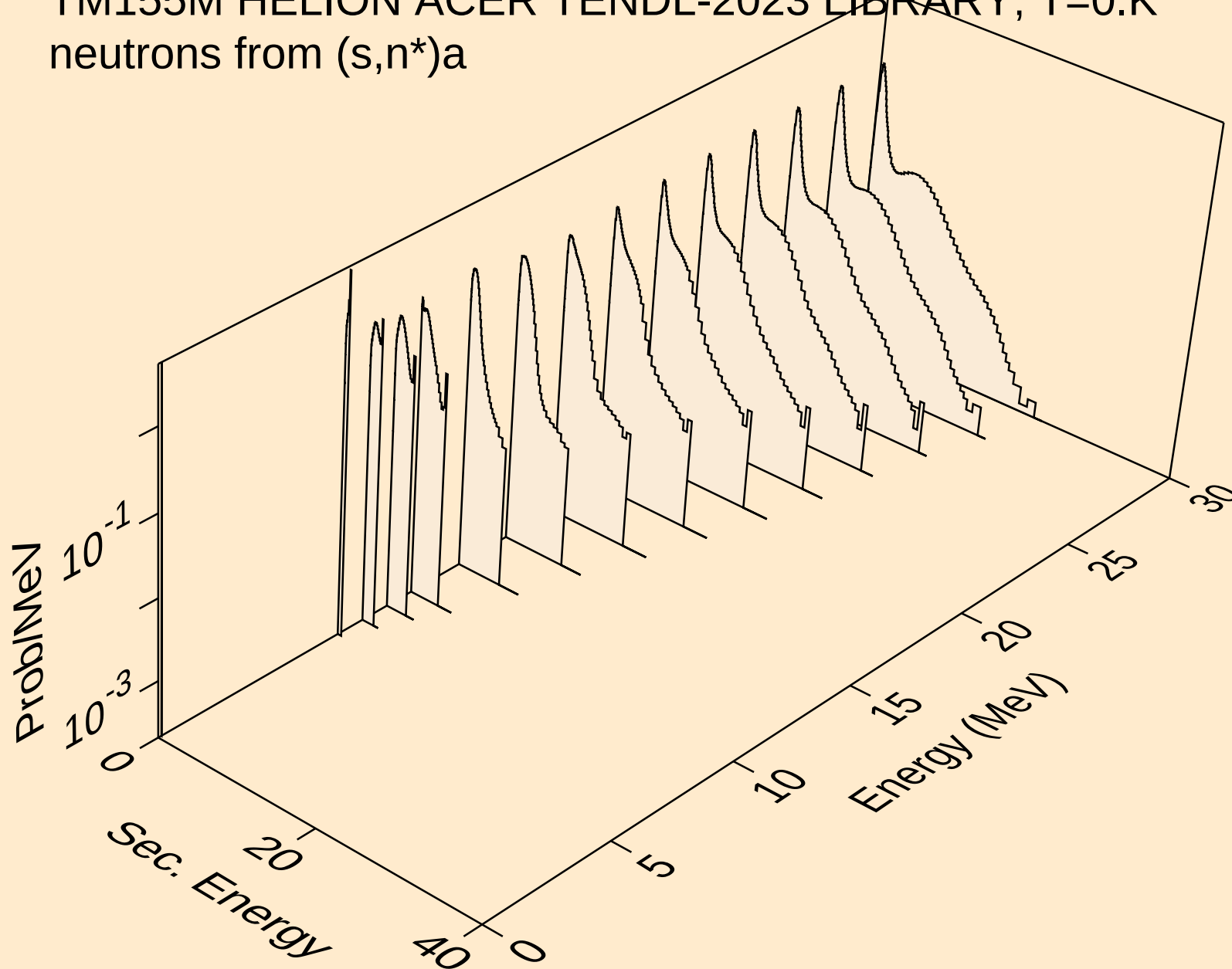
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



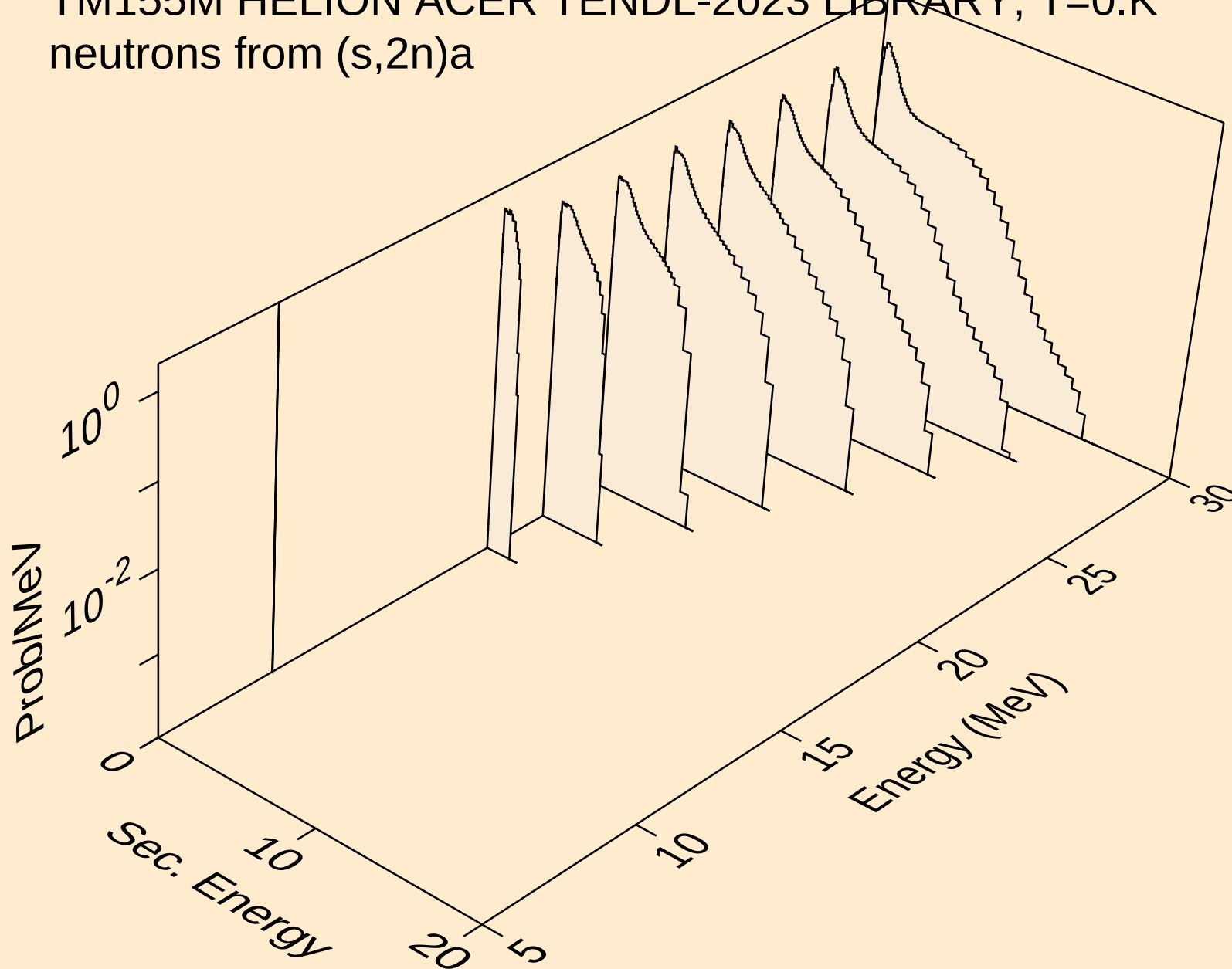
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



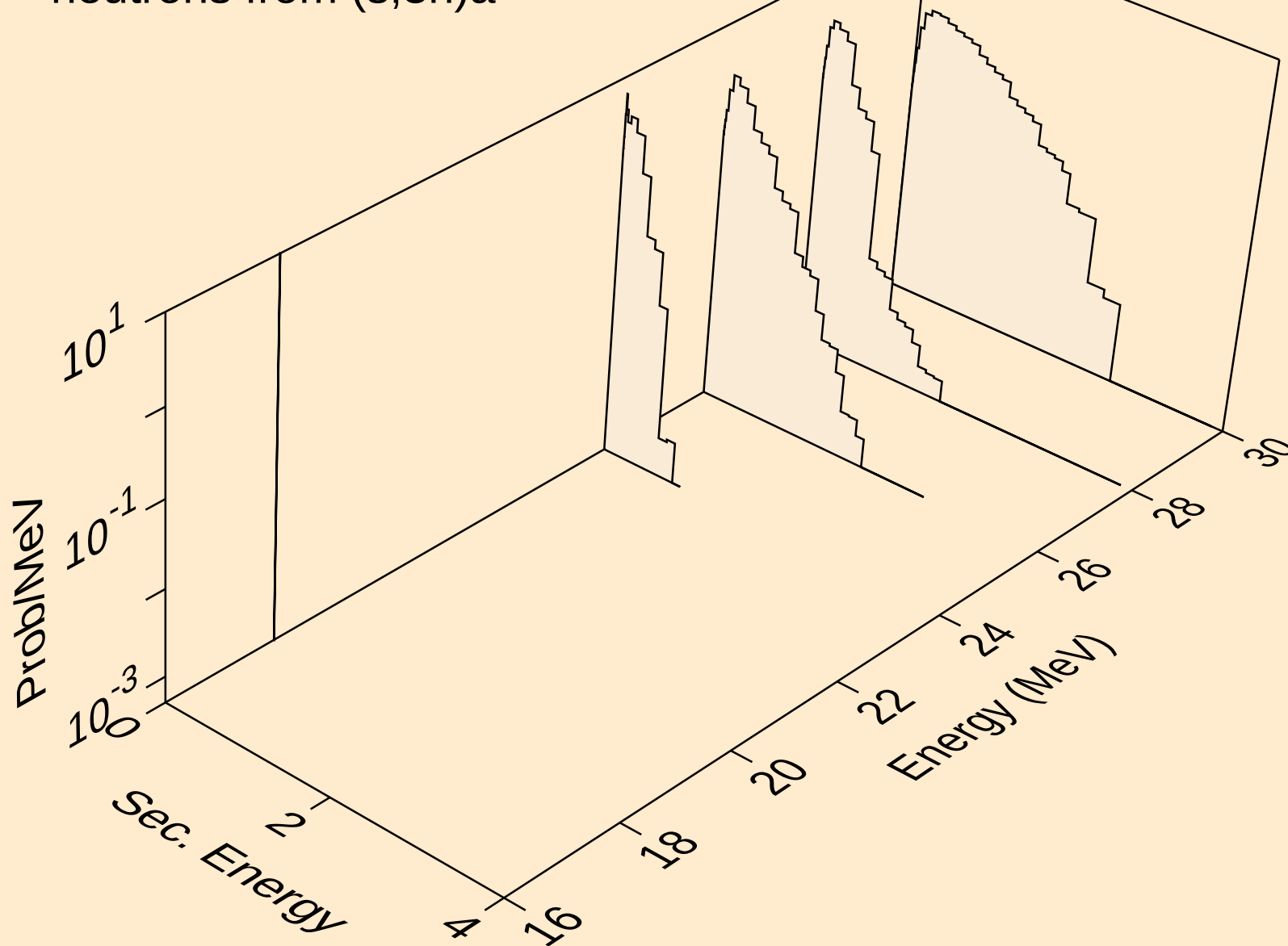
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



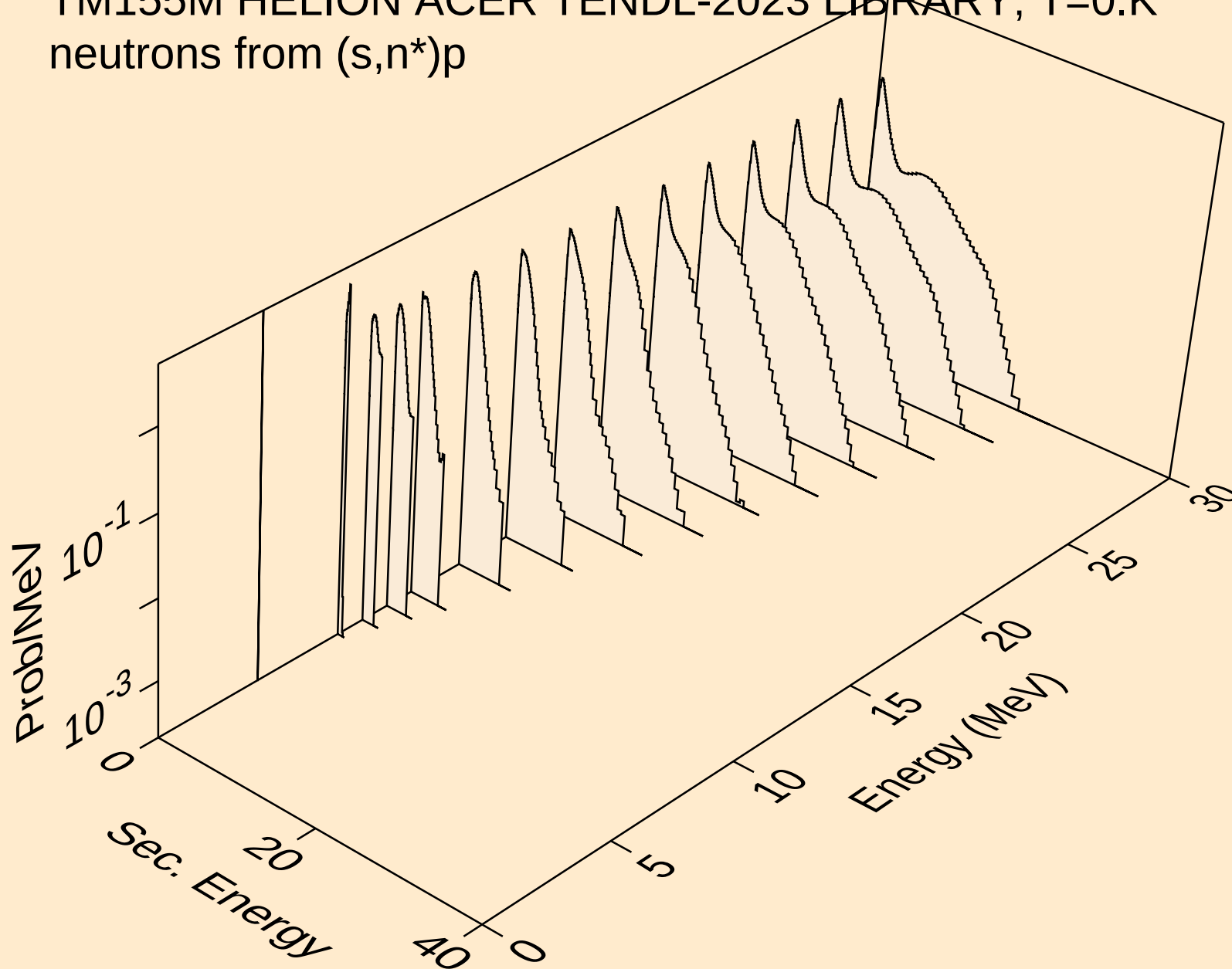
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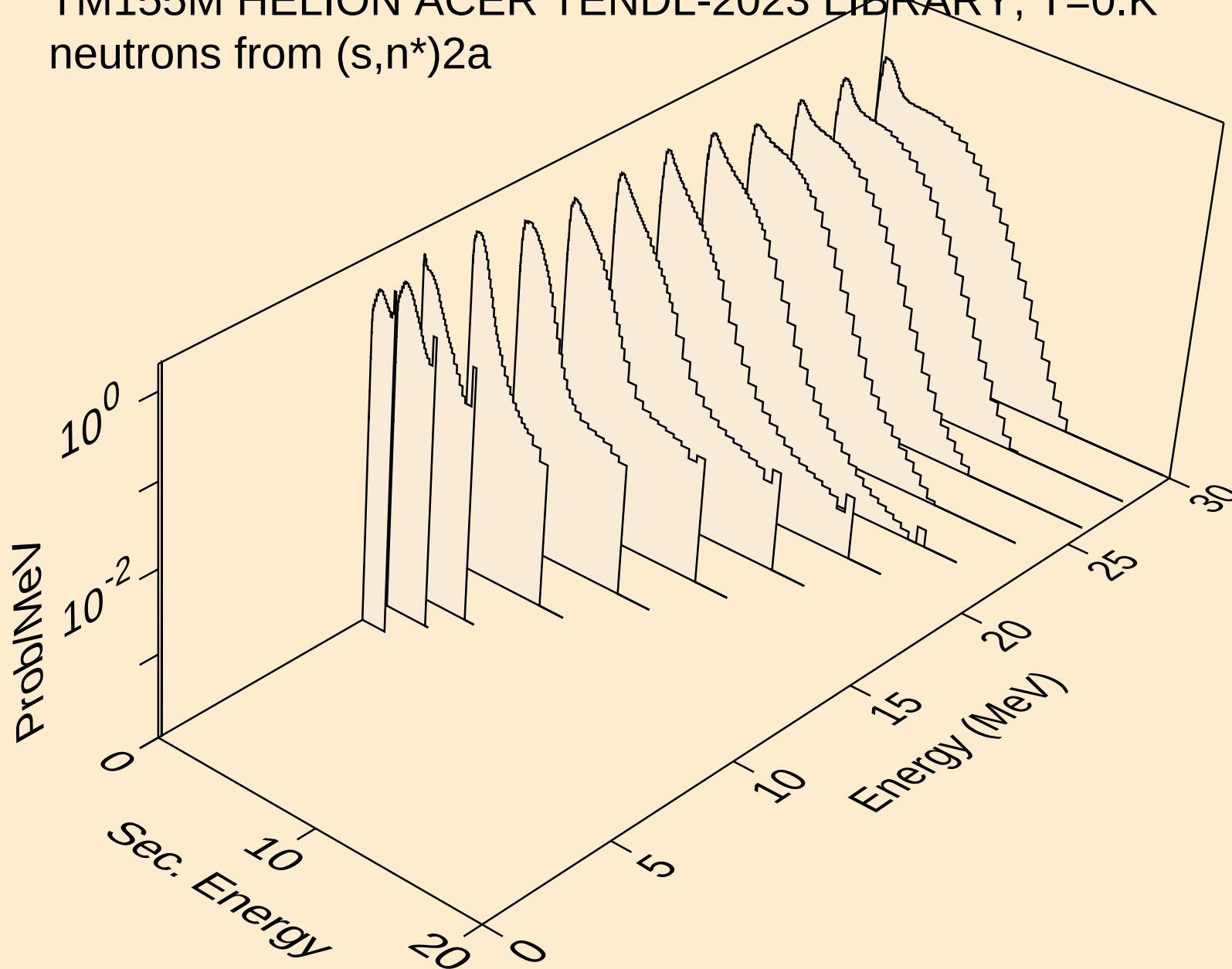
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neutrons from (s,3n)a



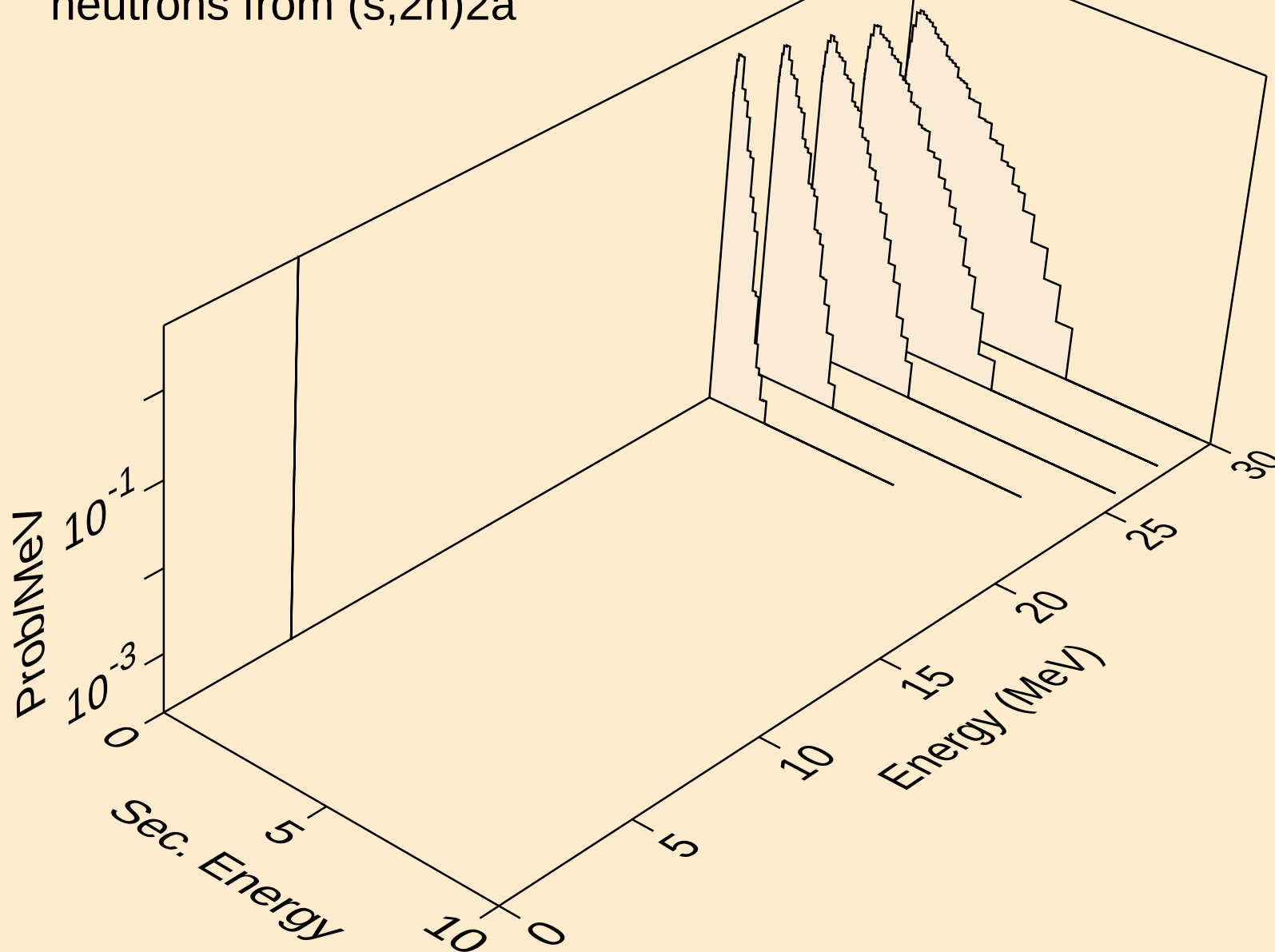
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
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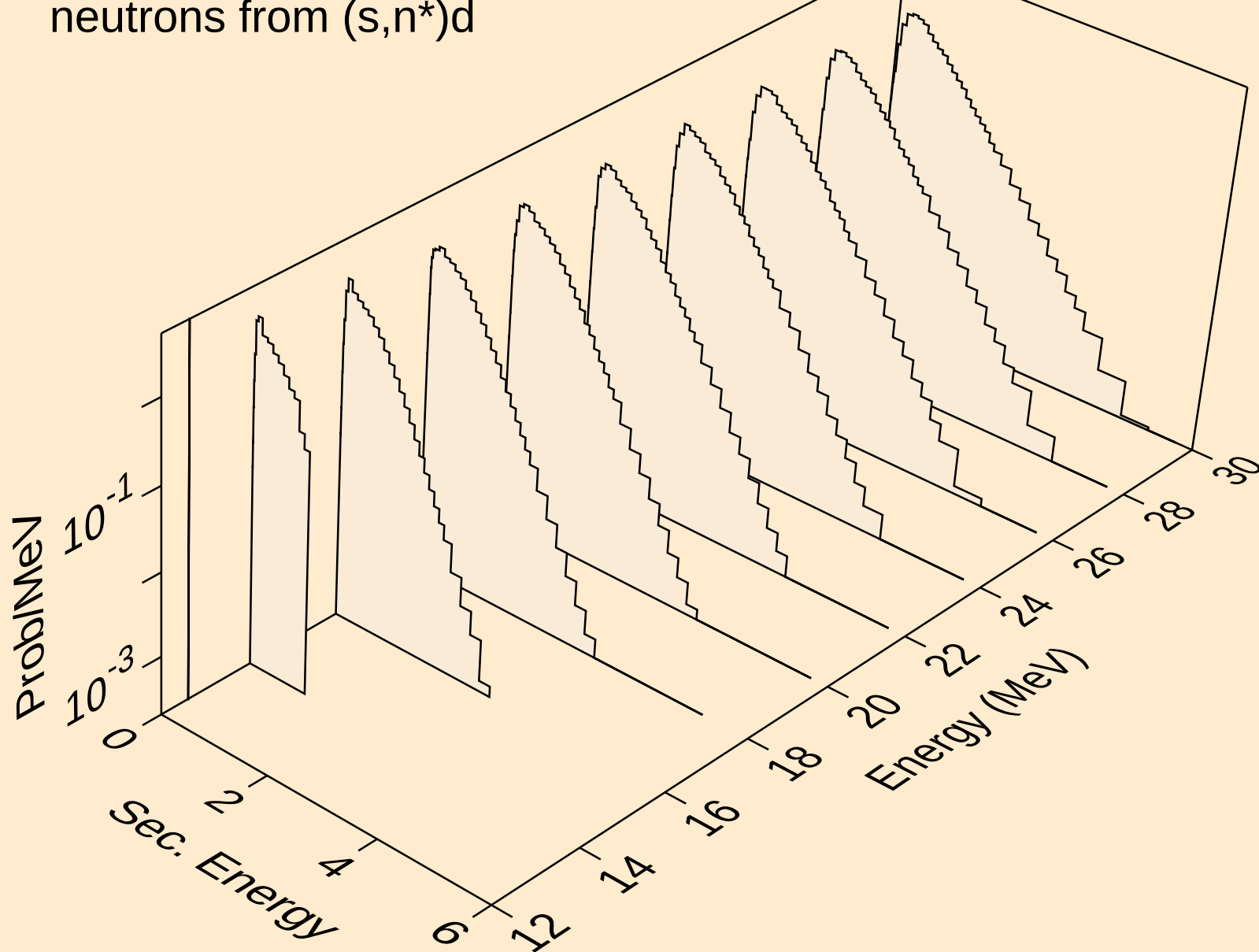


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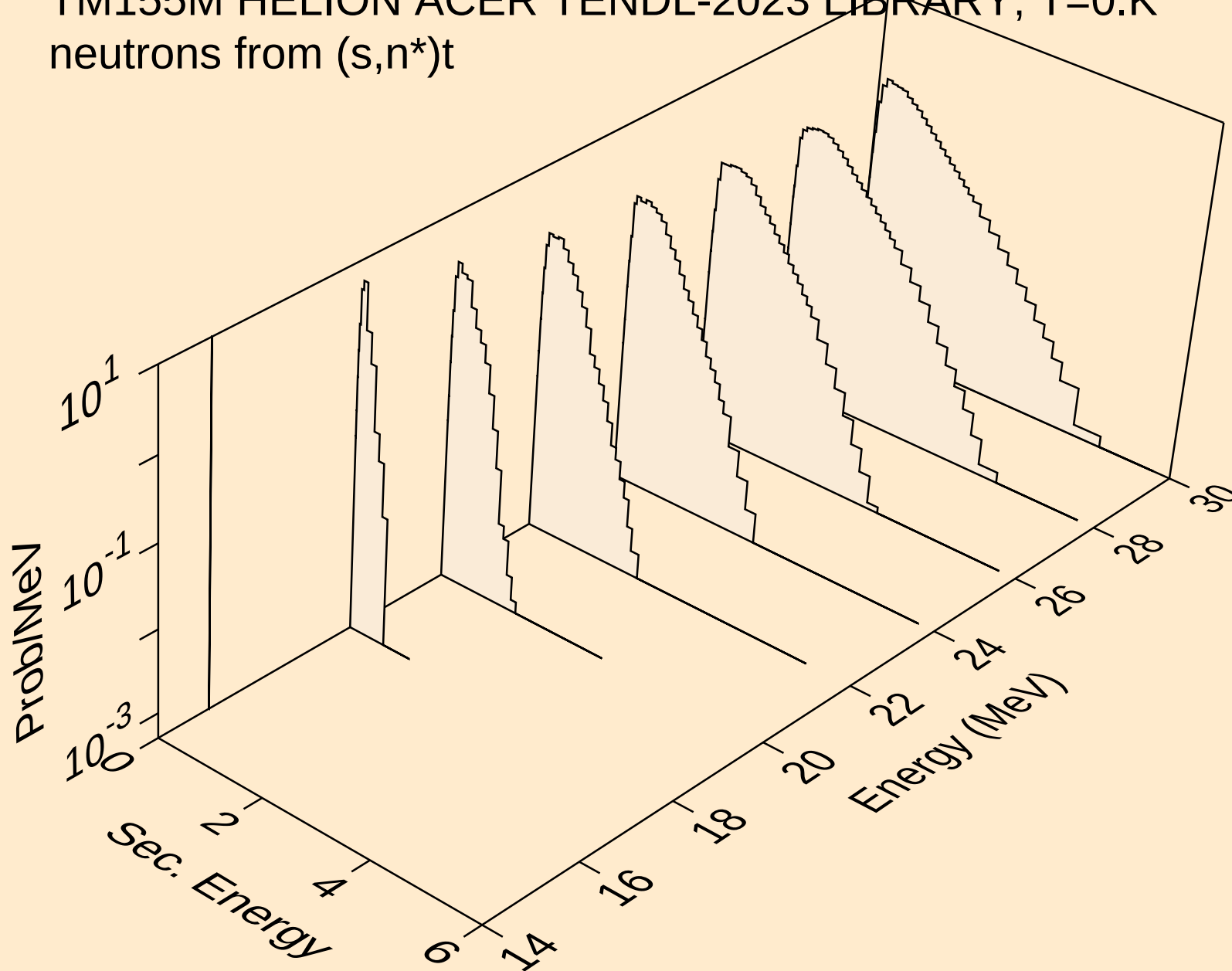




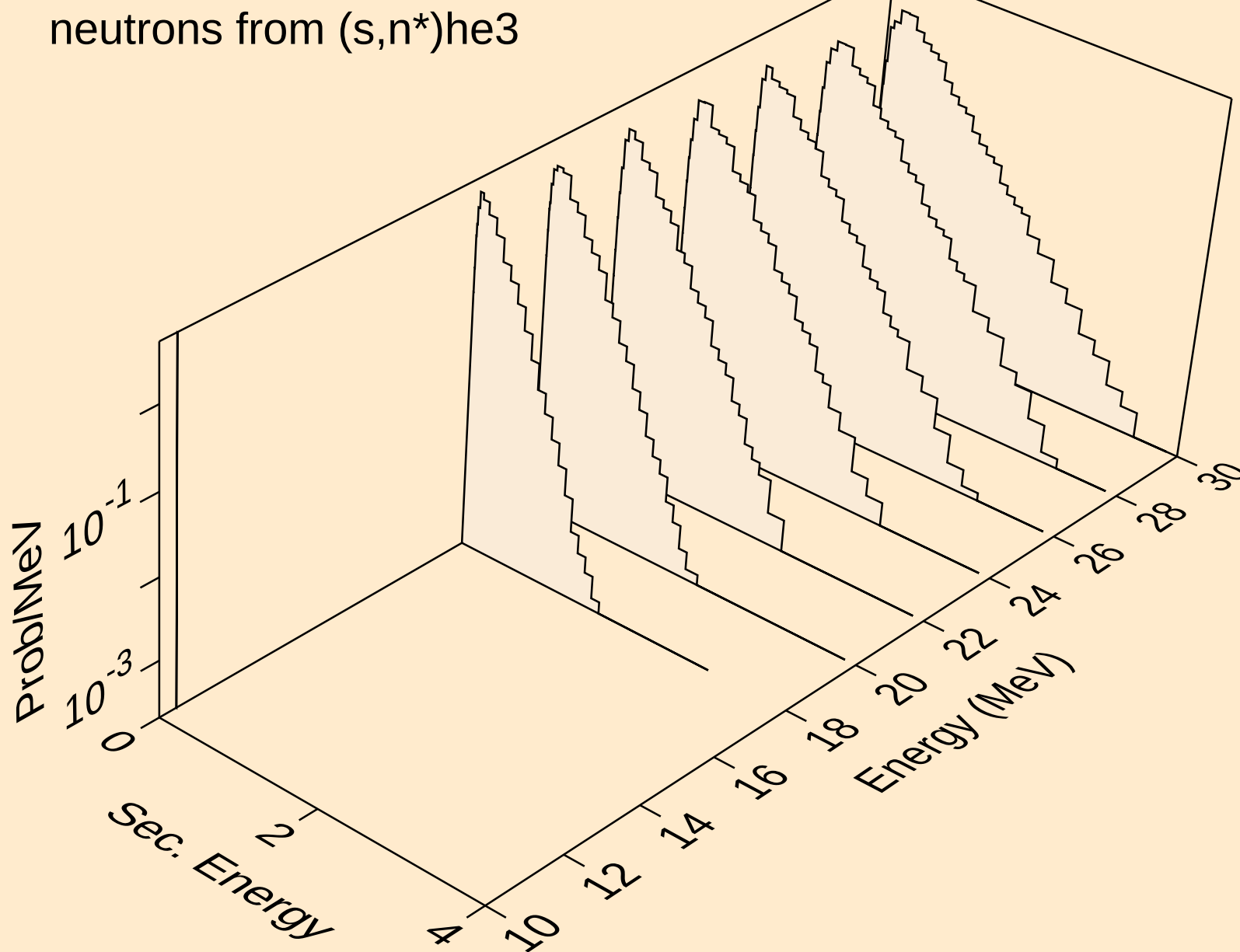
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neutrons from (s,n\*)d



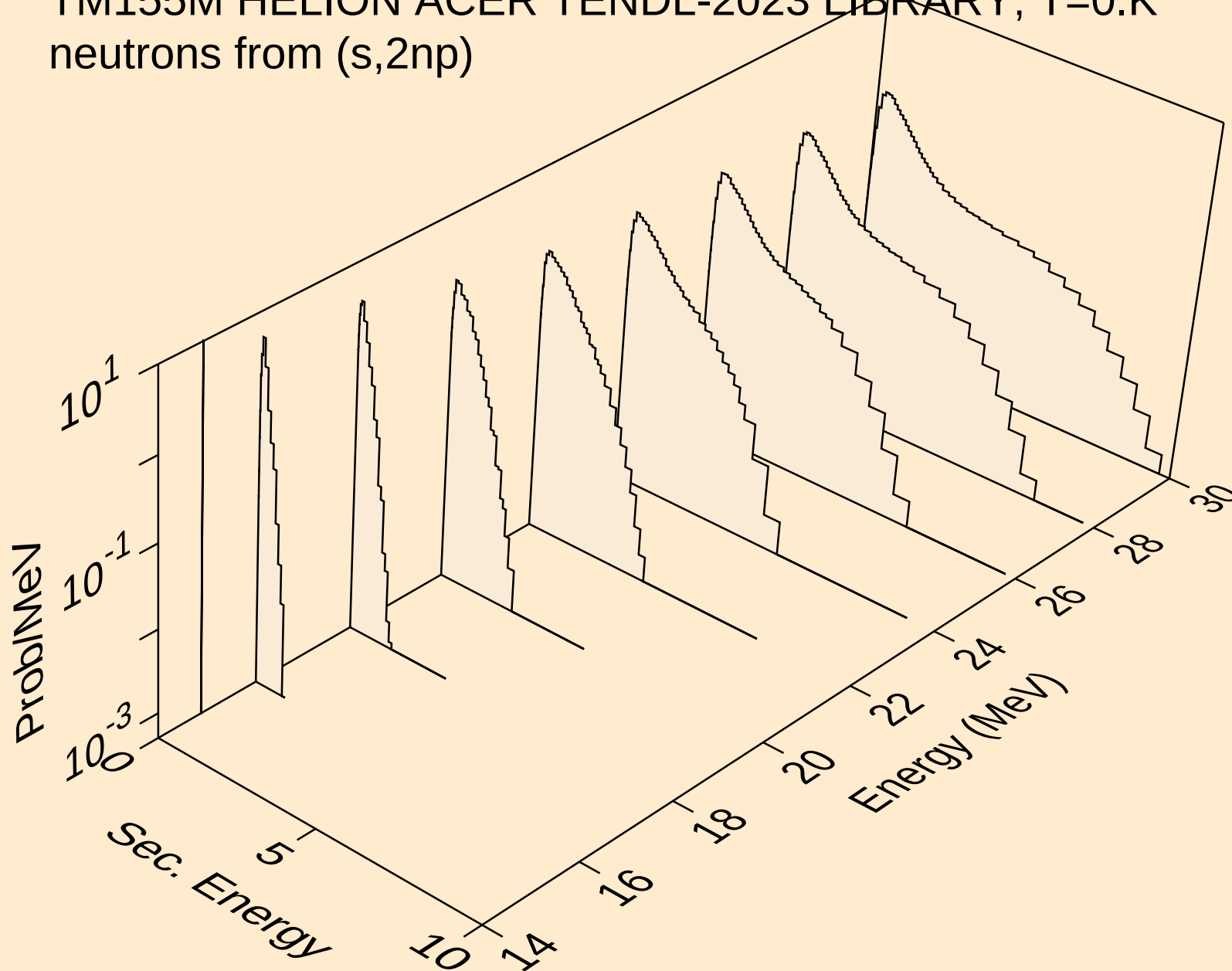
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neutrons from (s,n\*)t



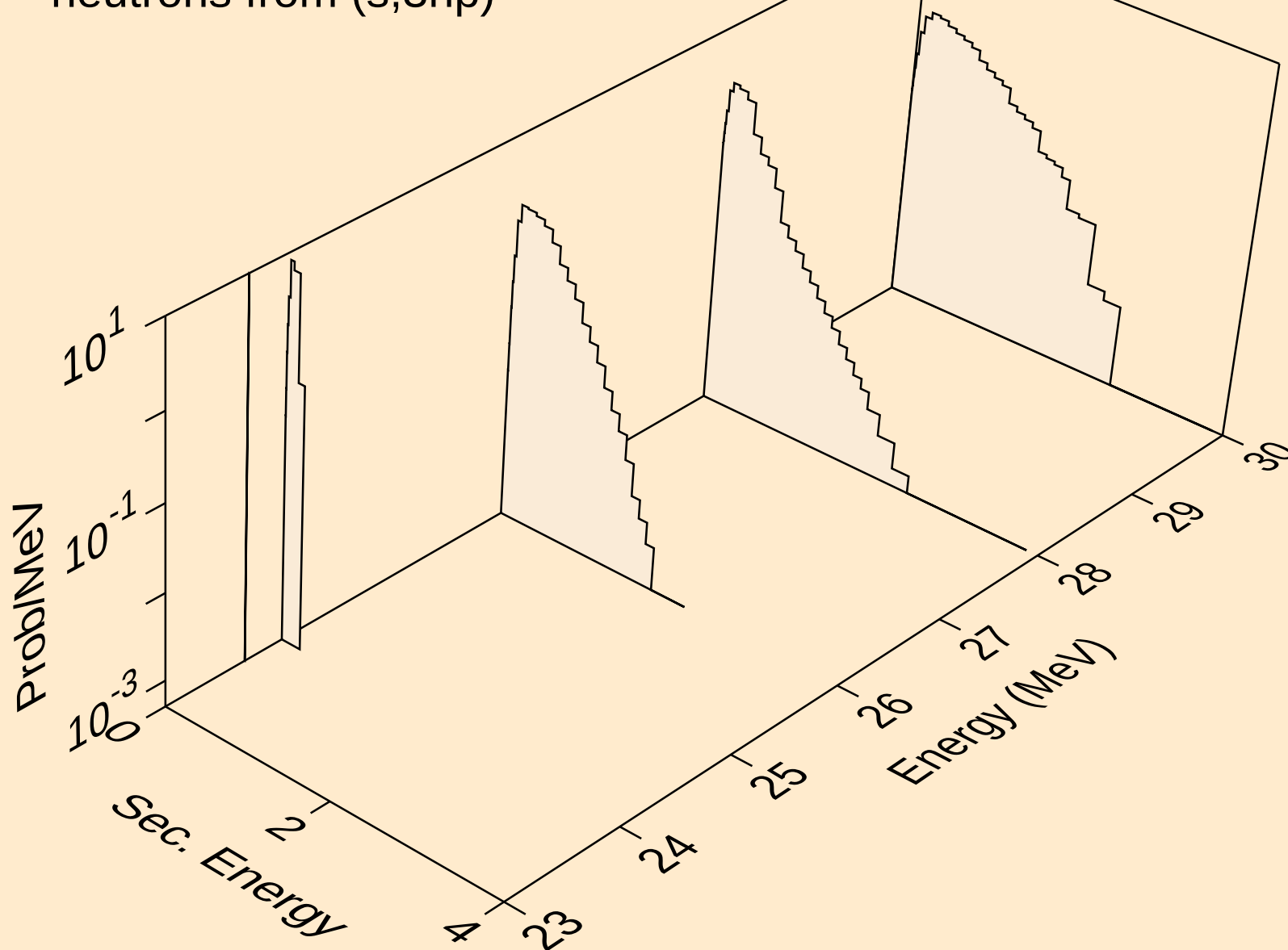
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



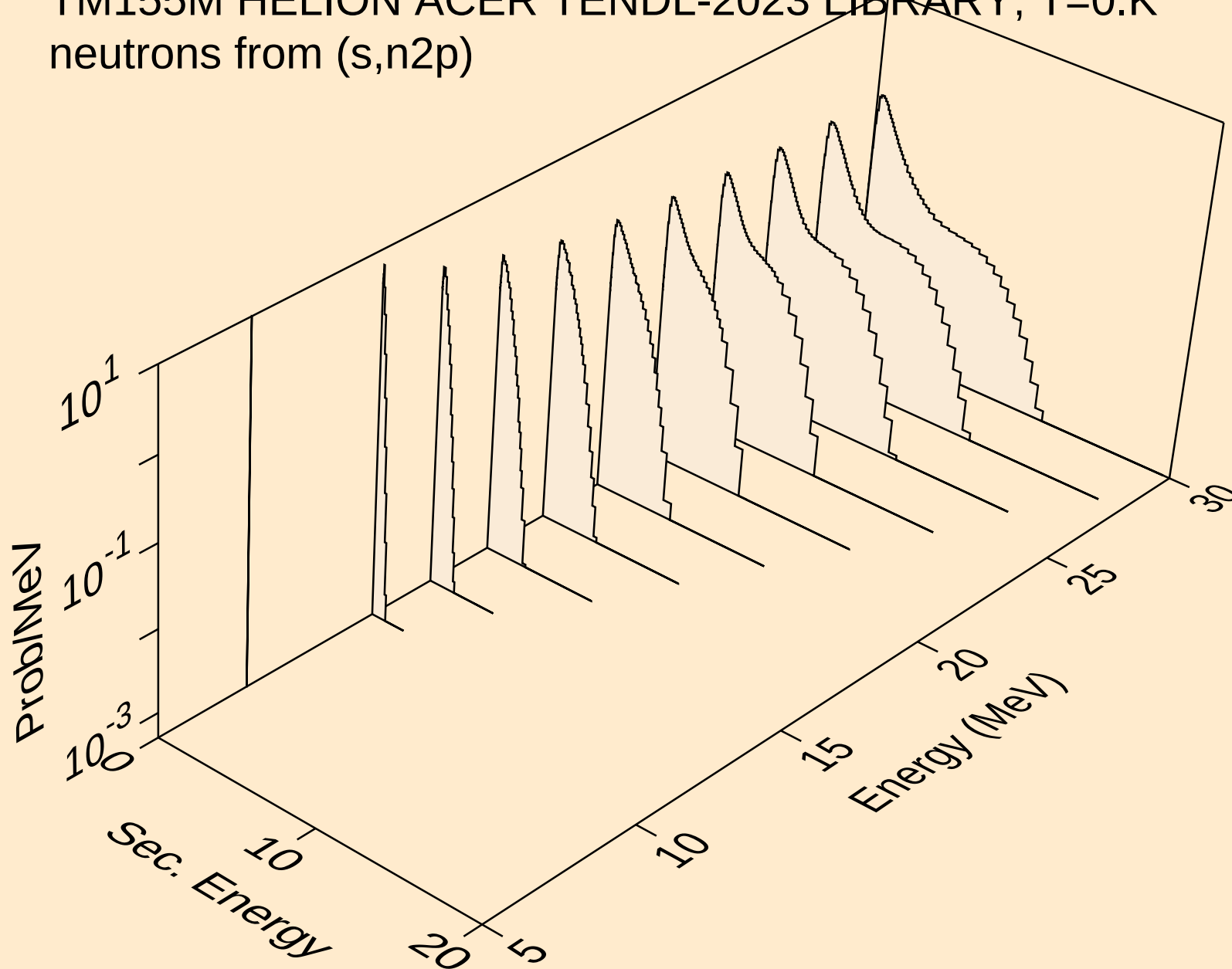
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



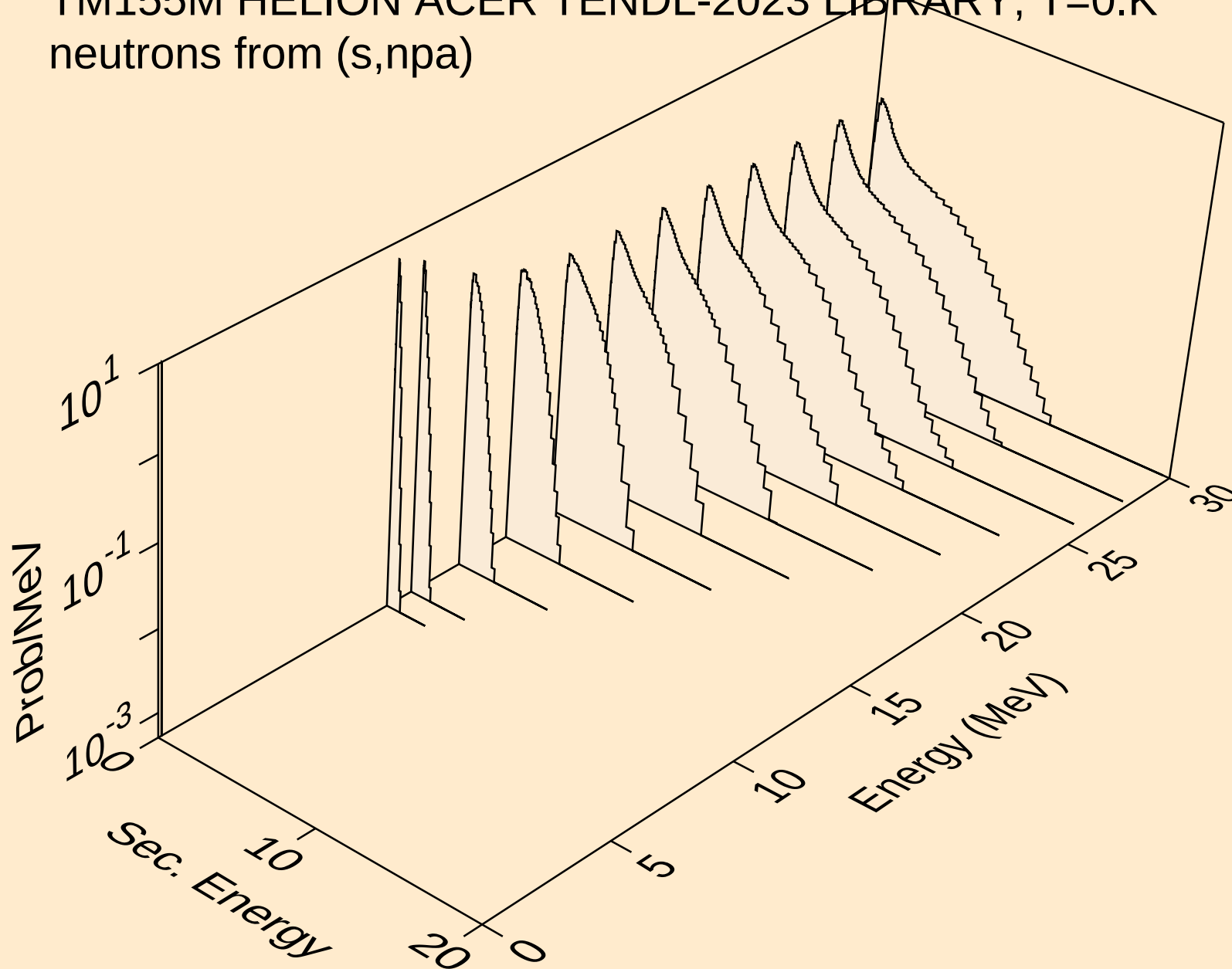
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neutrons from (s,3np)



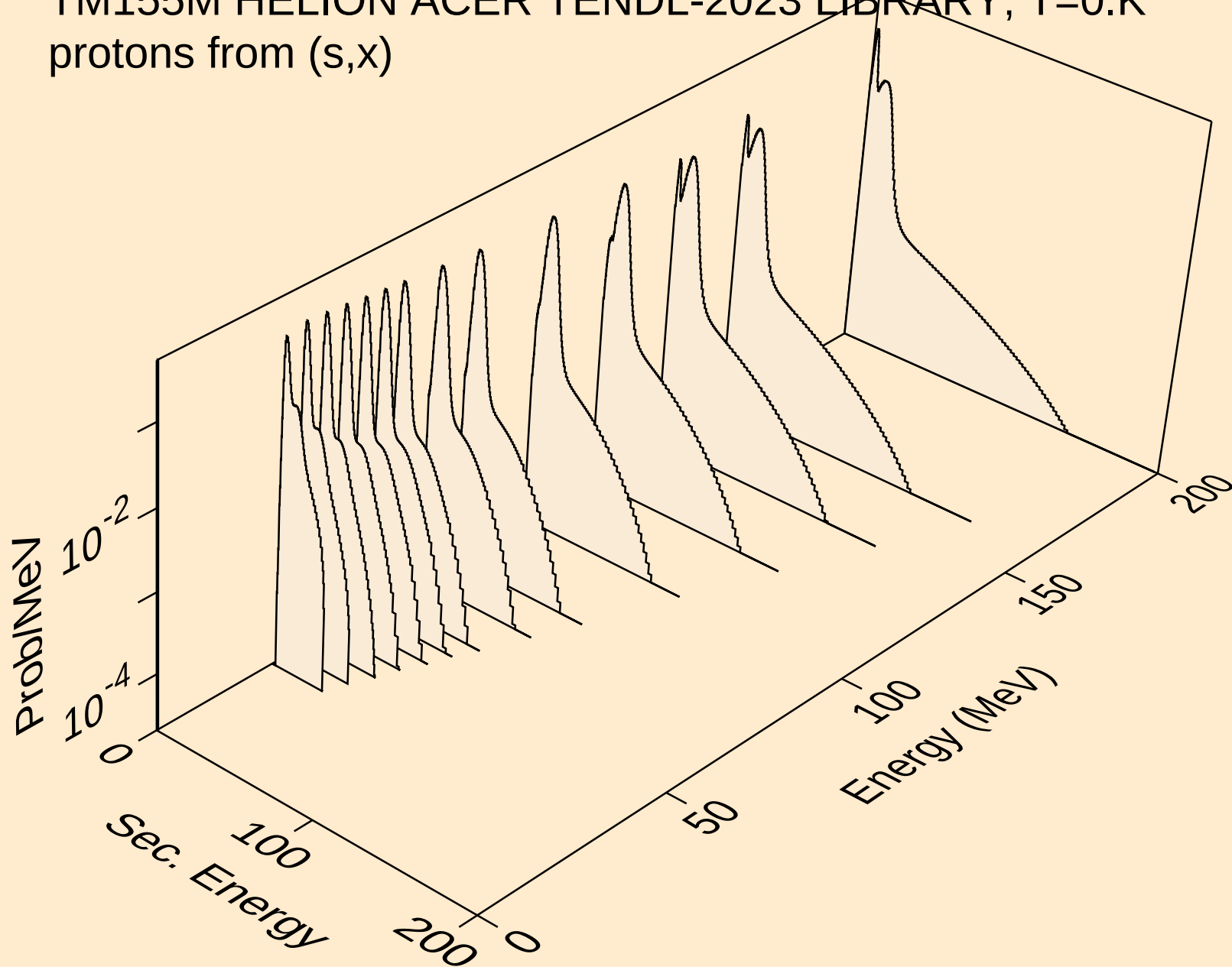
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neutrons from (s,n2p)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)

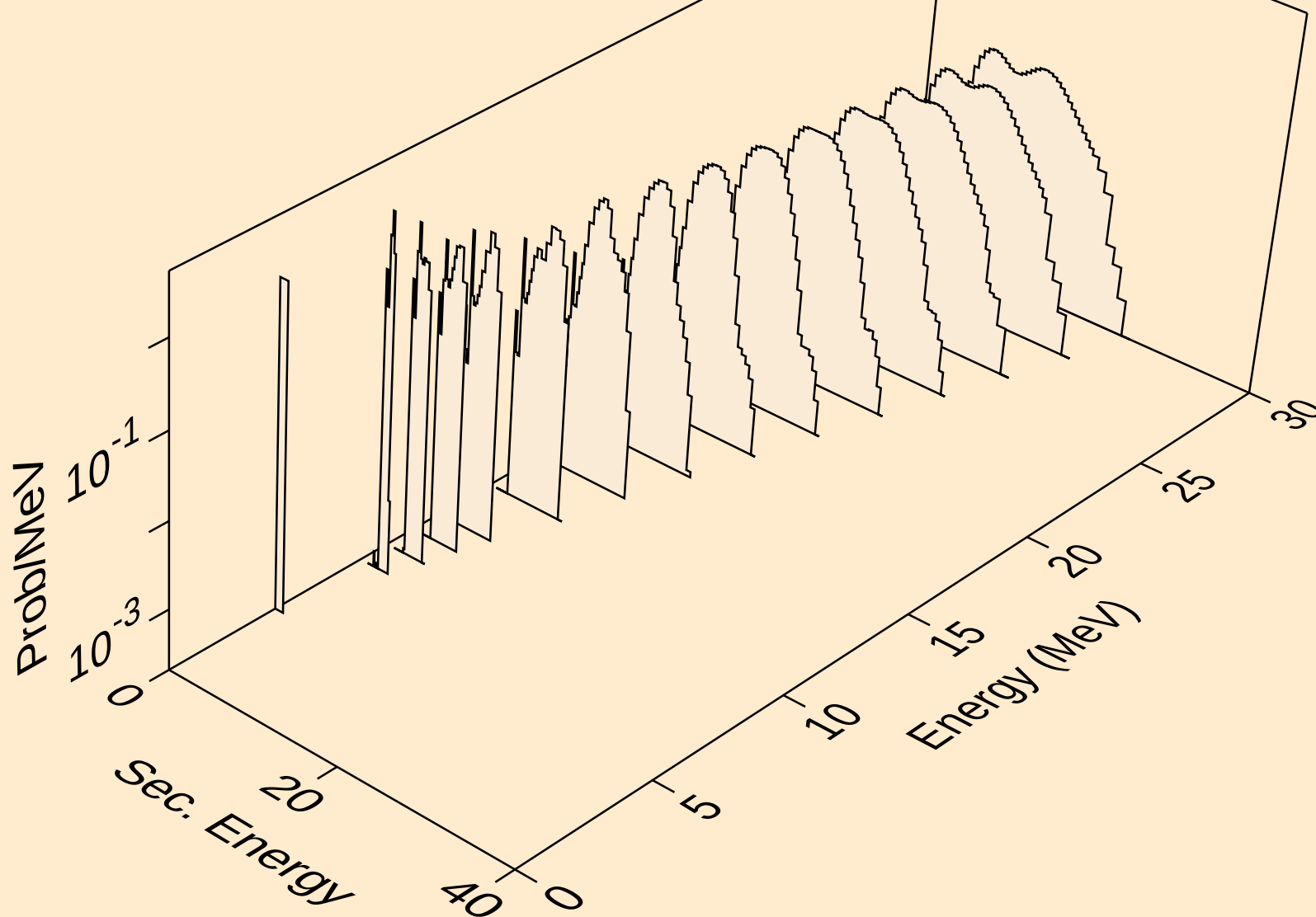


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)

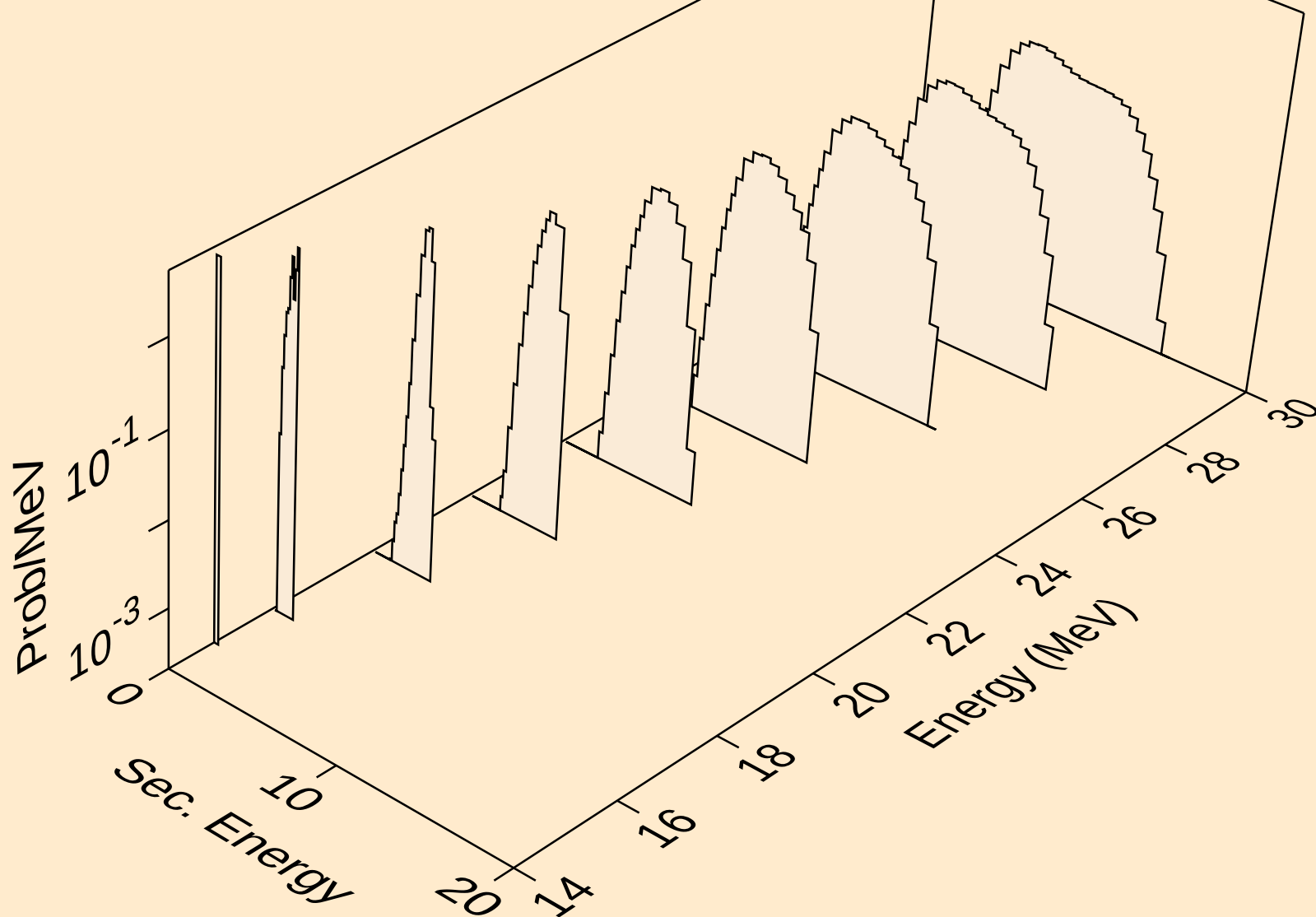




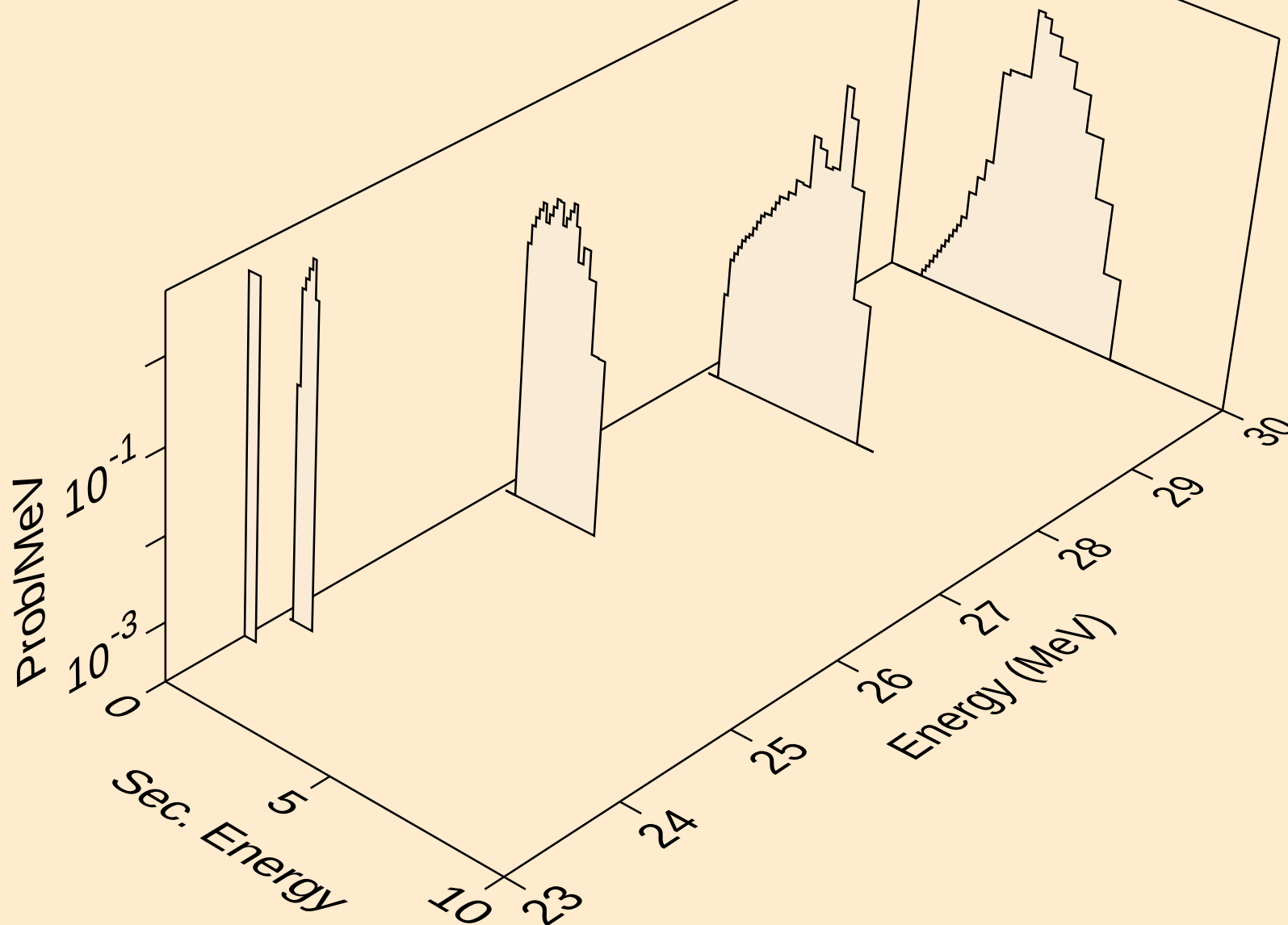
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



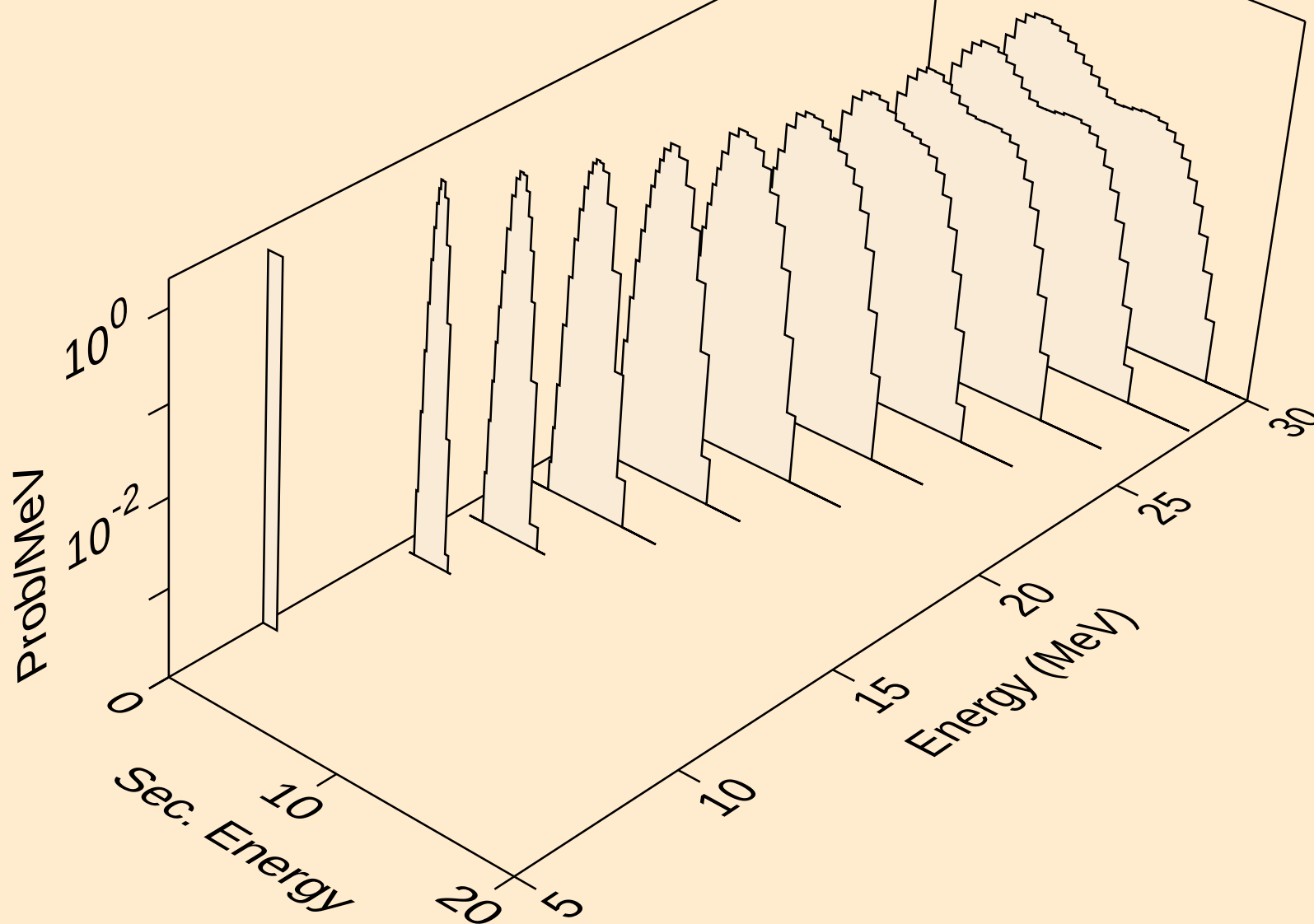
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protons from (s,2np)



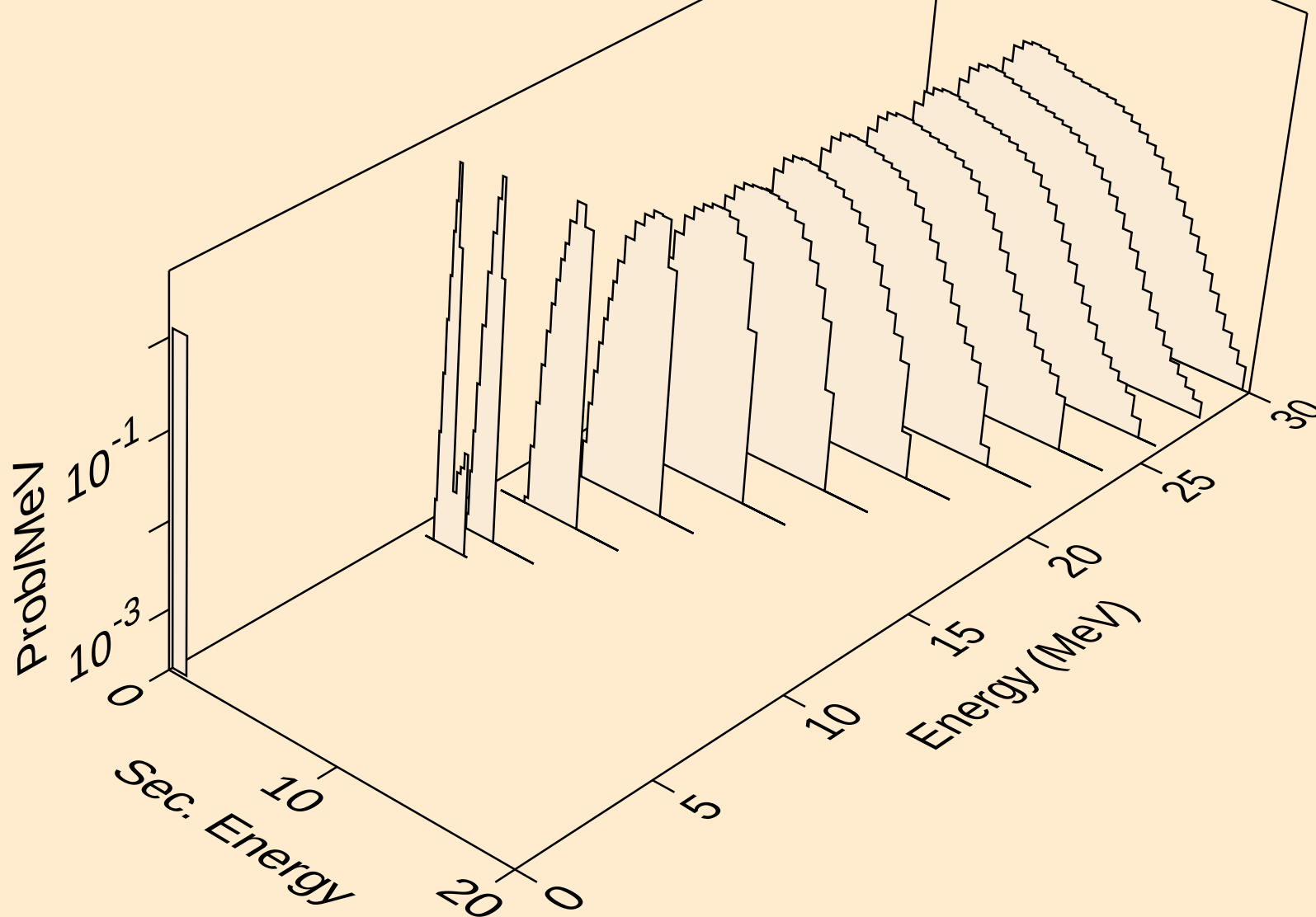
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protons from (s,3np)



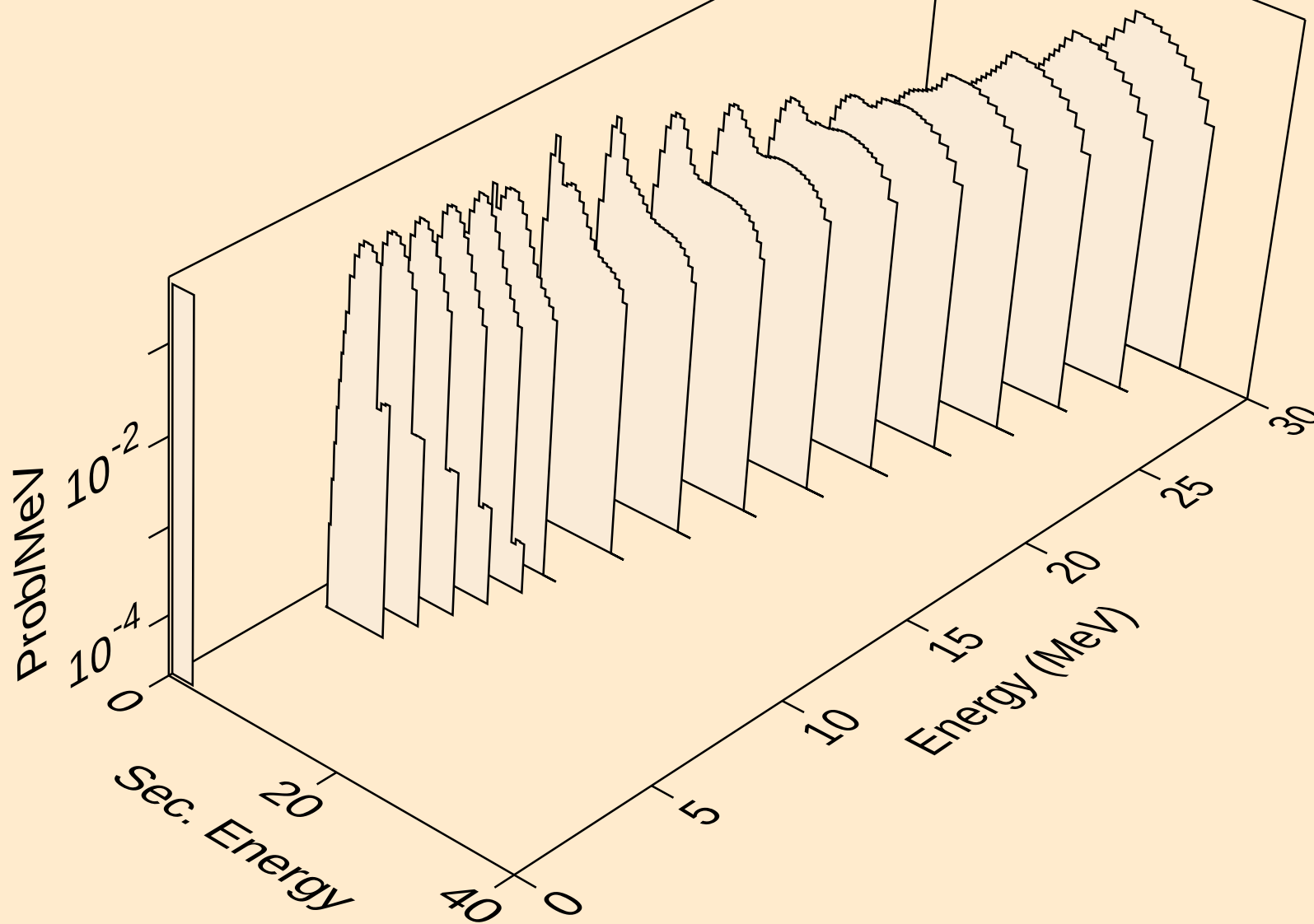
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protons from (s,n2p)



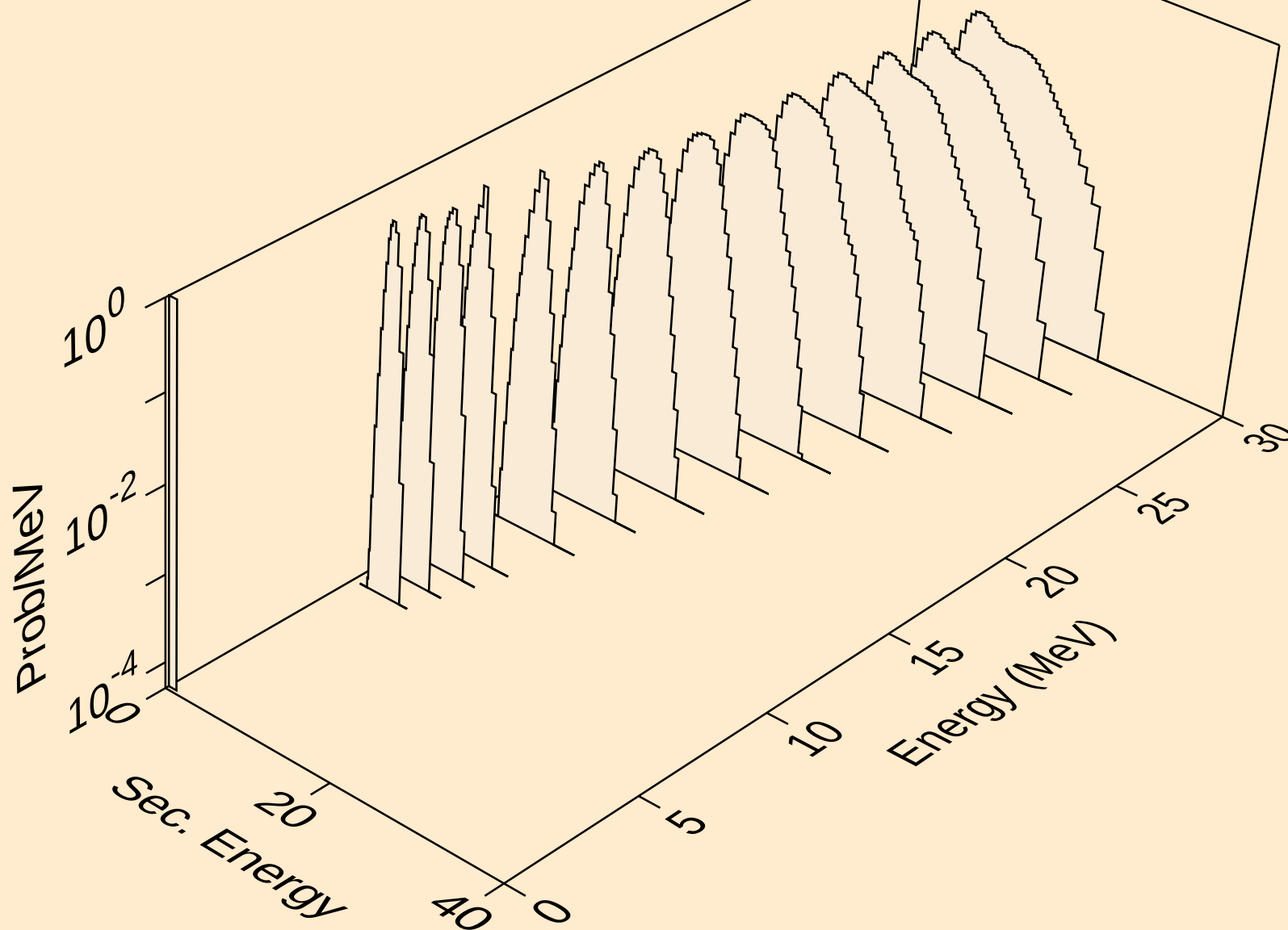
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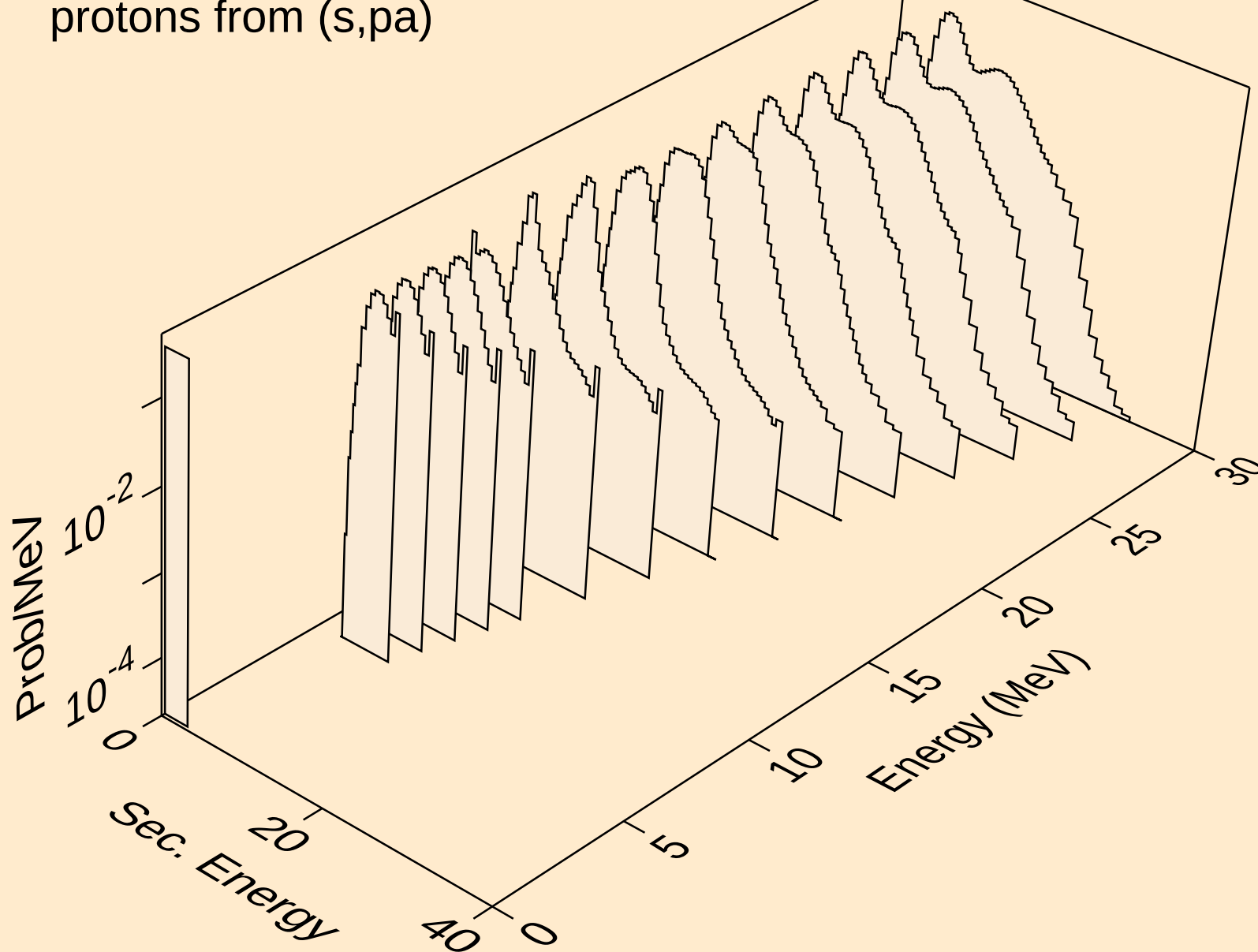
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protons from (s,p)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

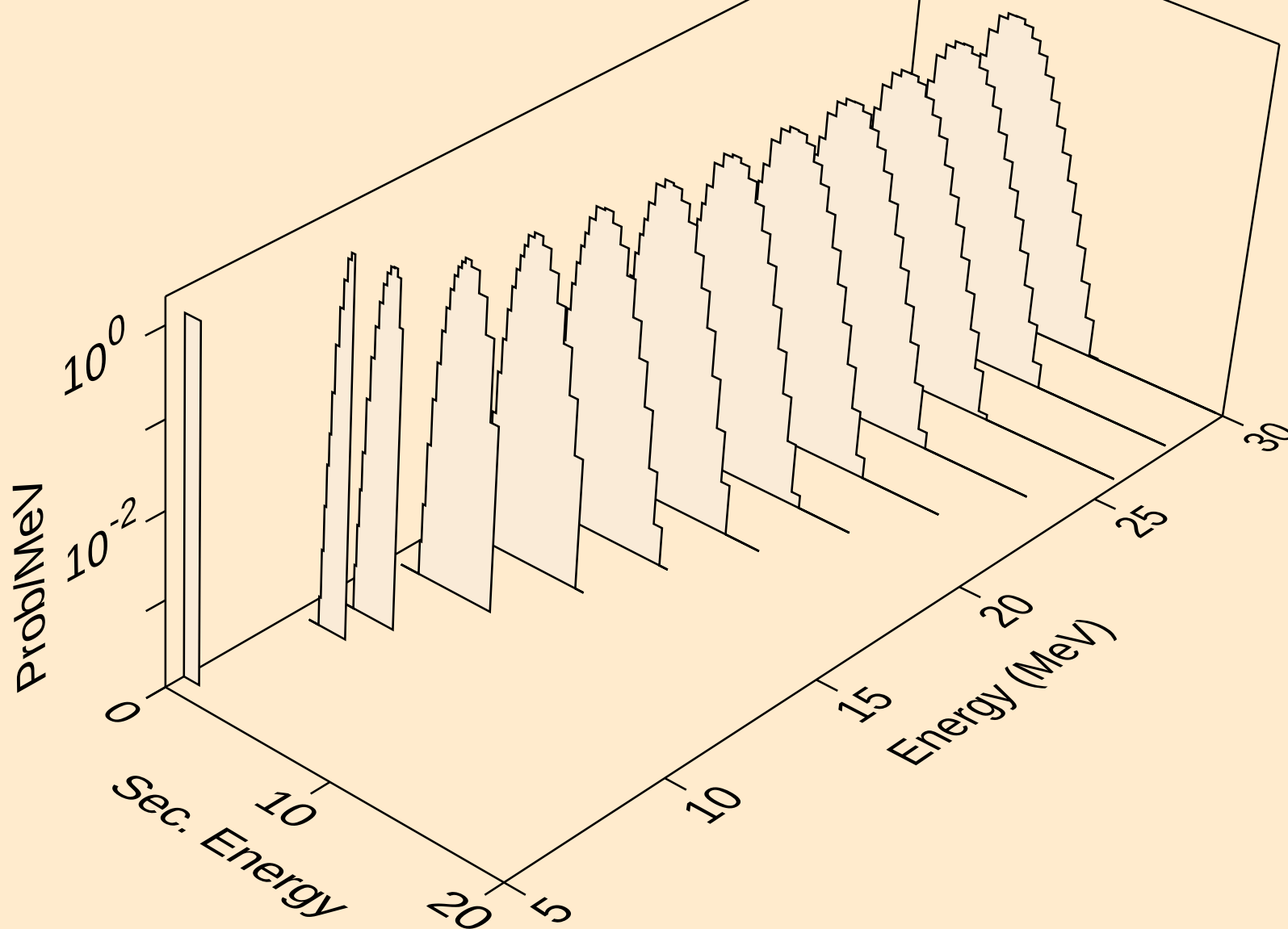


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protons from (s,pa)

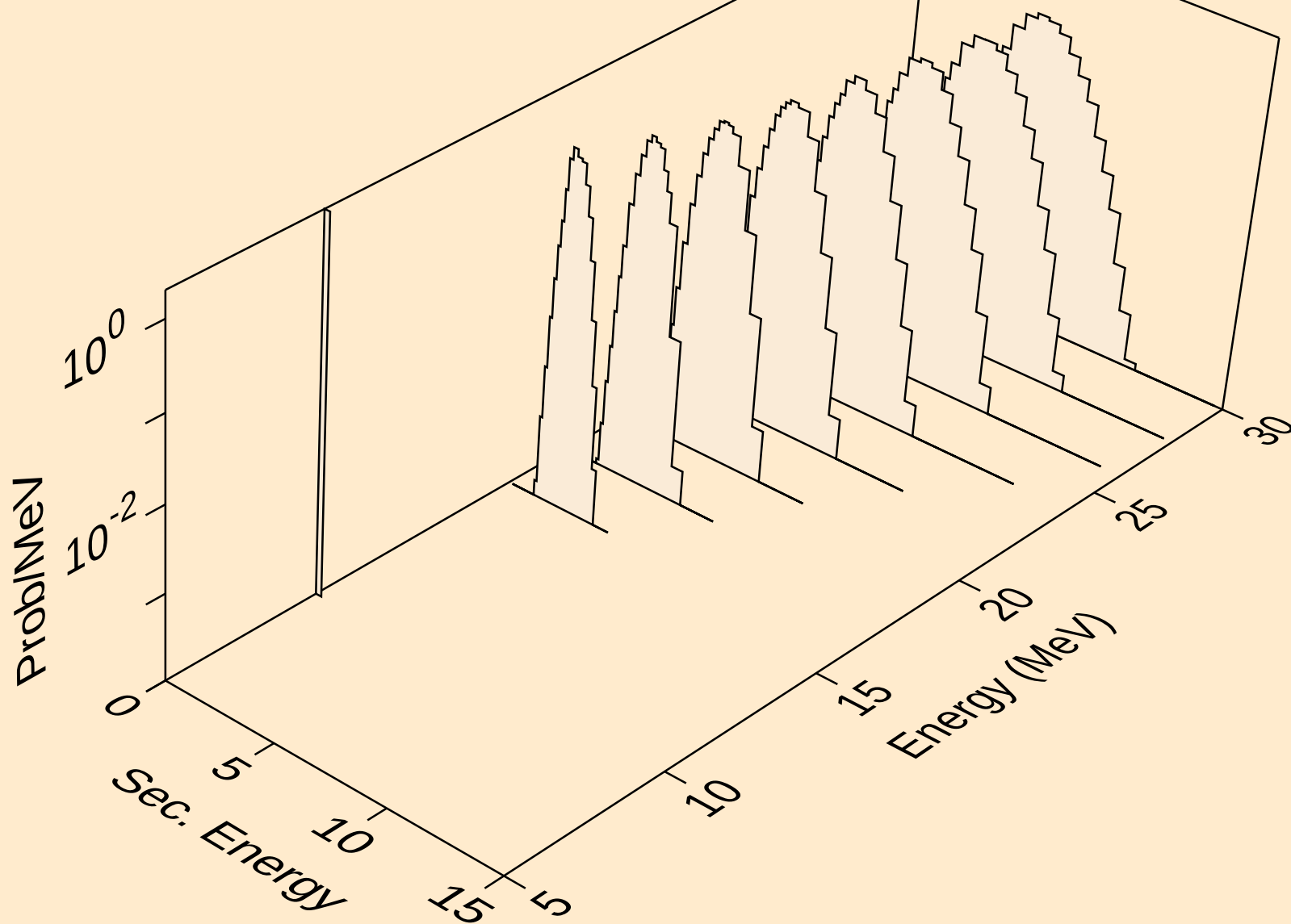




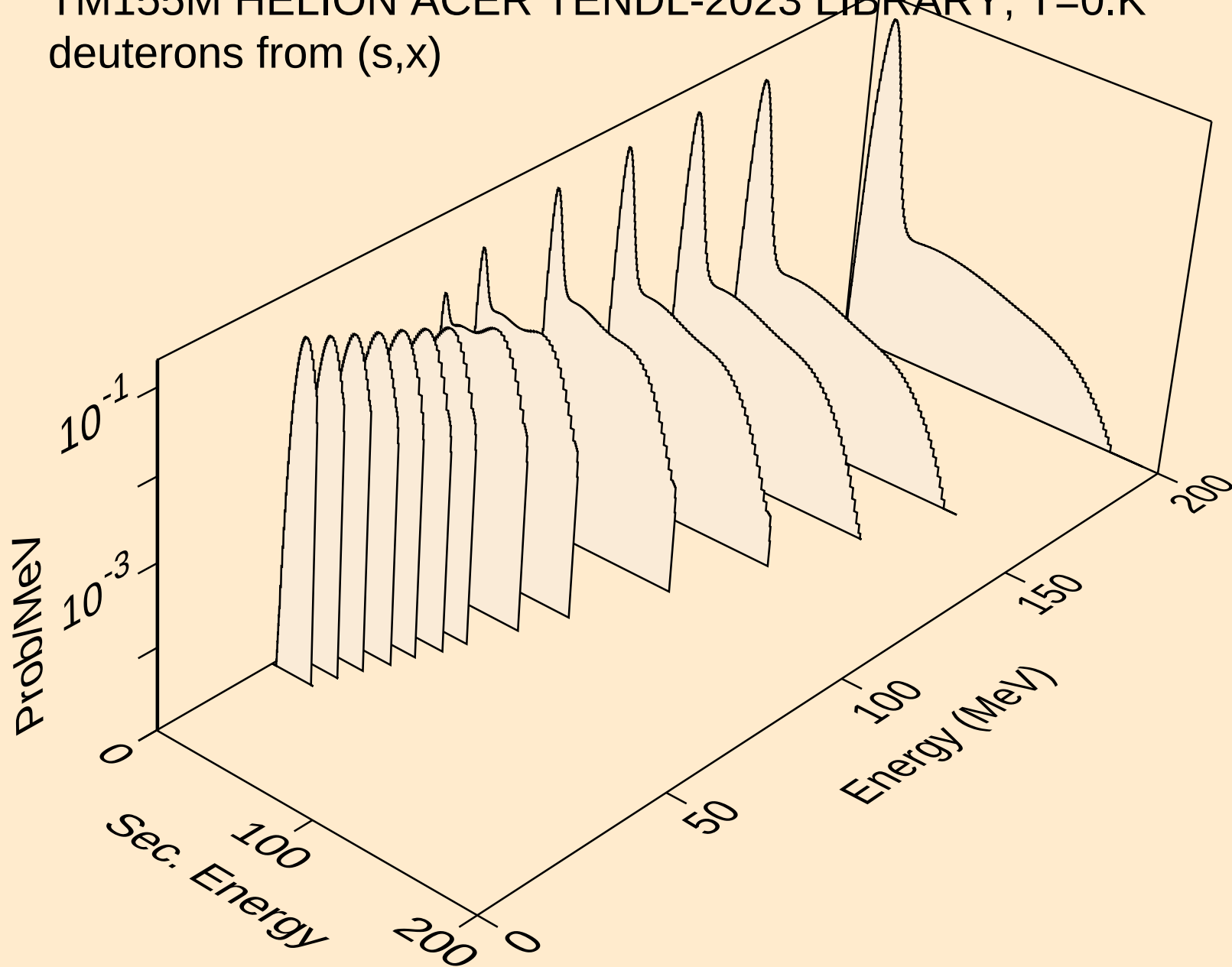
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protons from (s,pd)



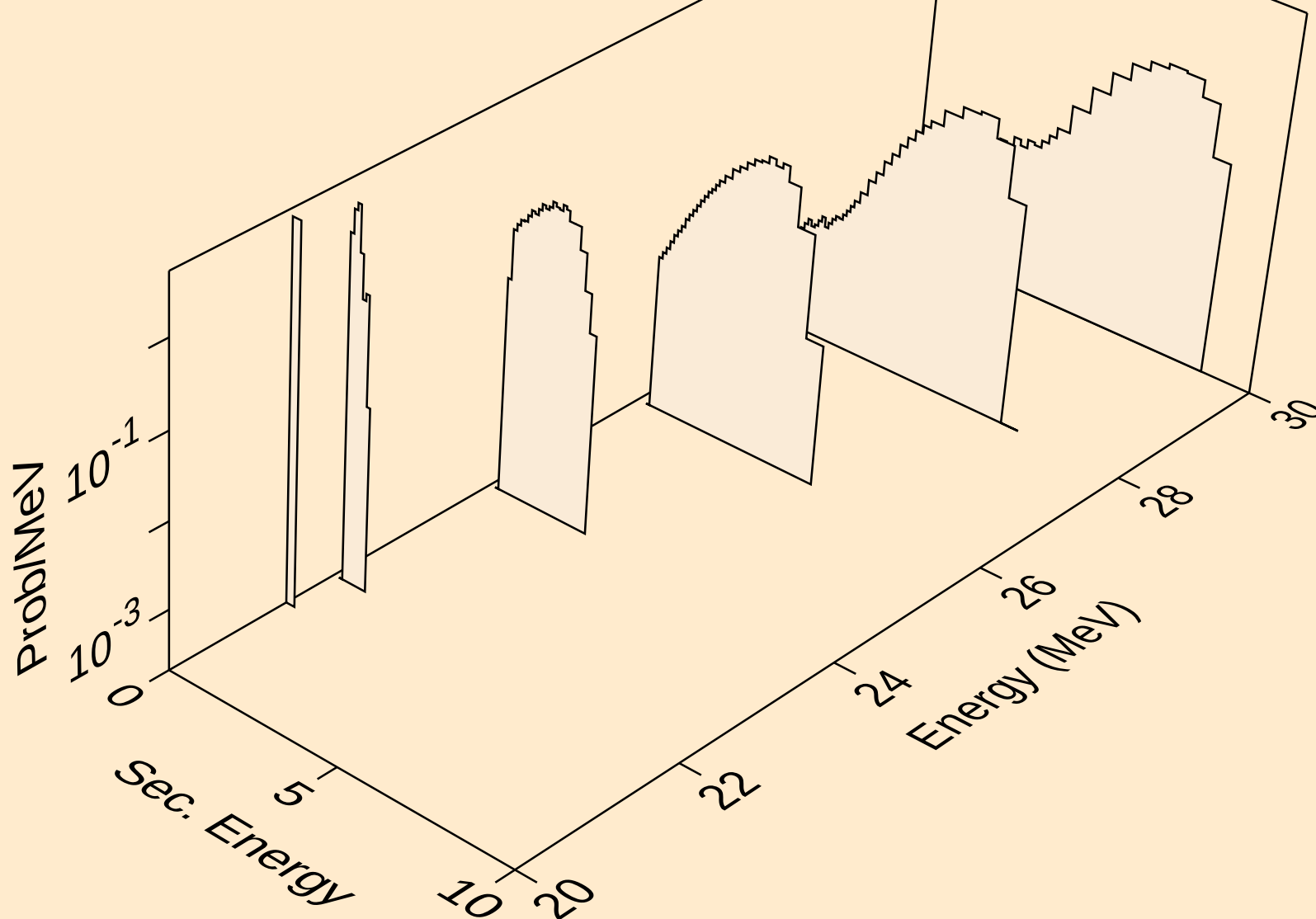
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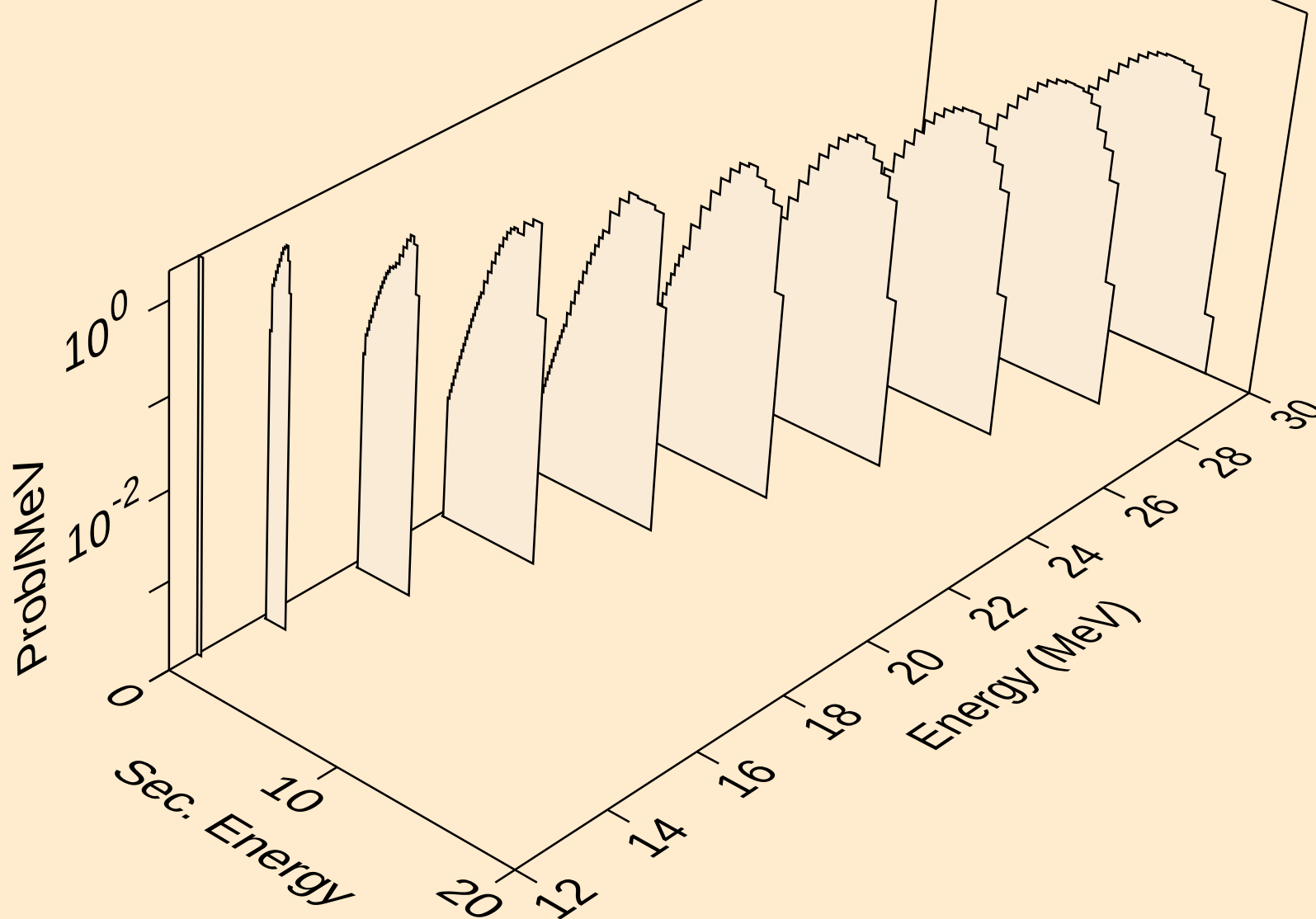
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deuterons from (s,x)



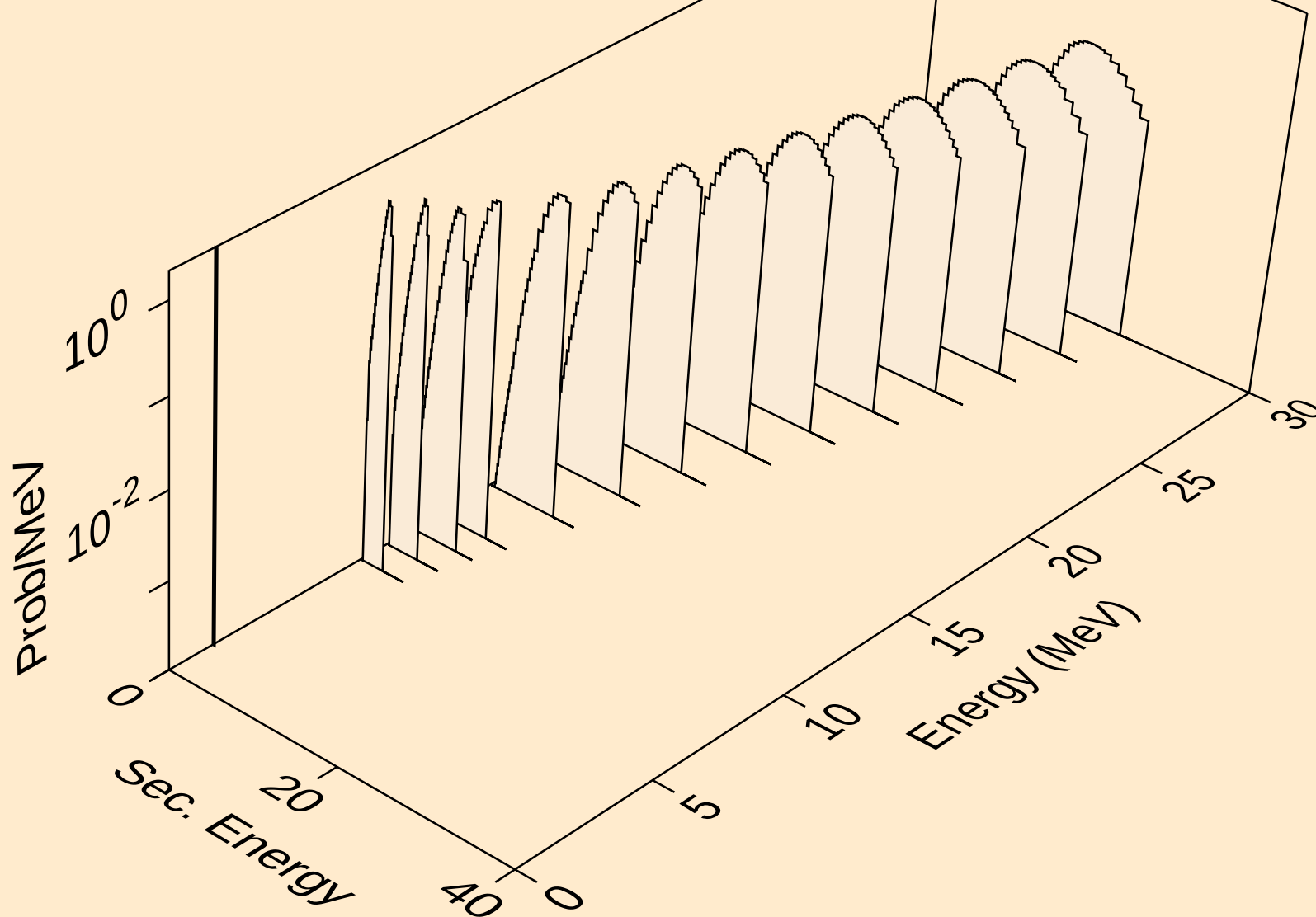
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deuterons from (s,2nd)



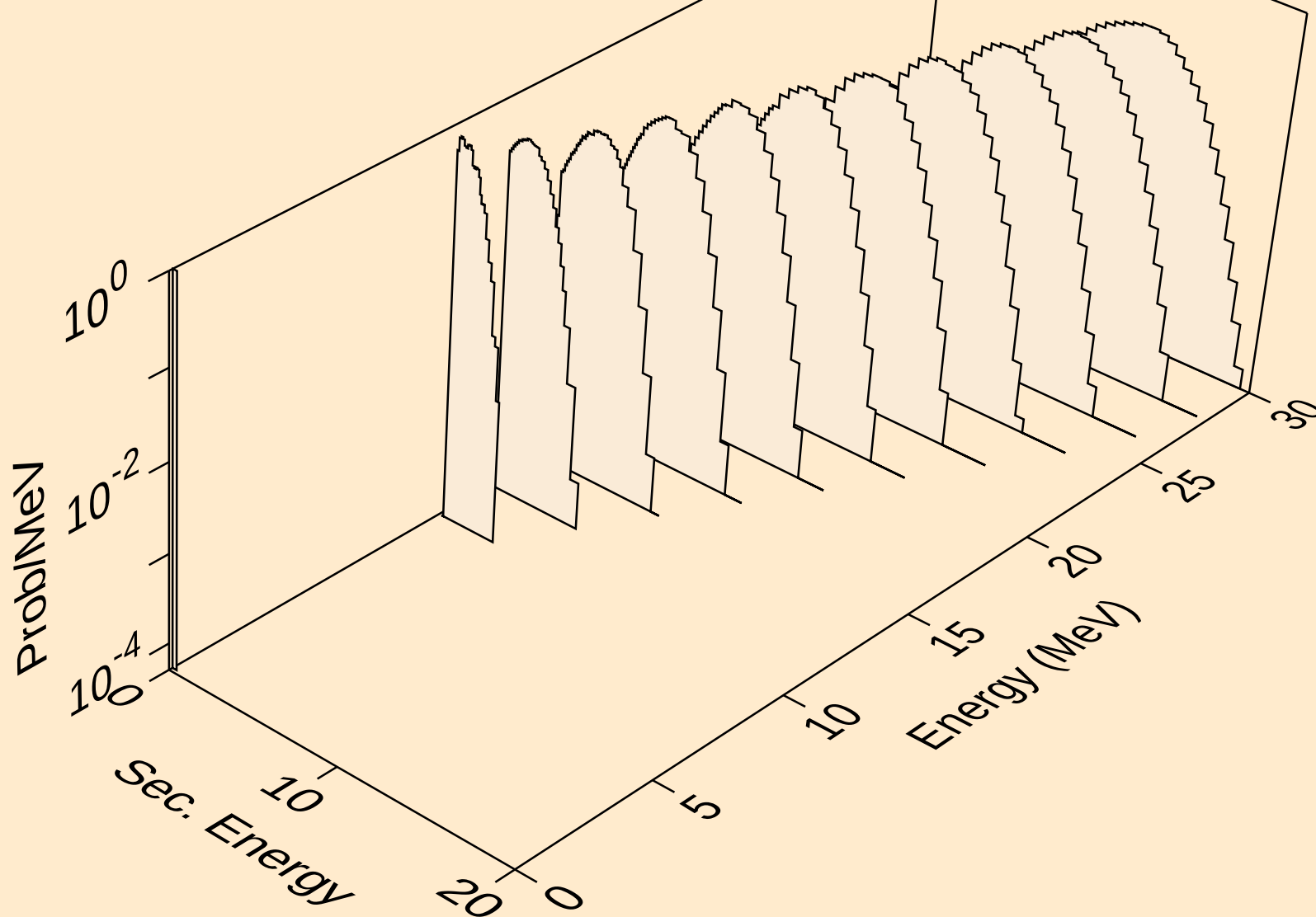
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deuterons from (s,n\*)d



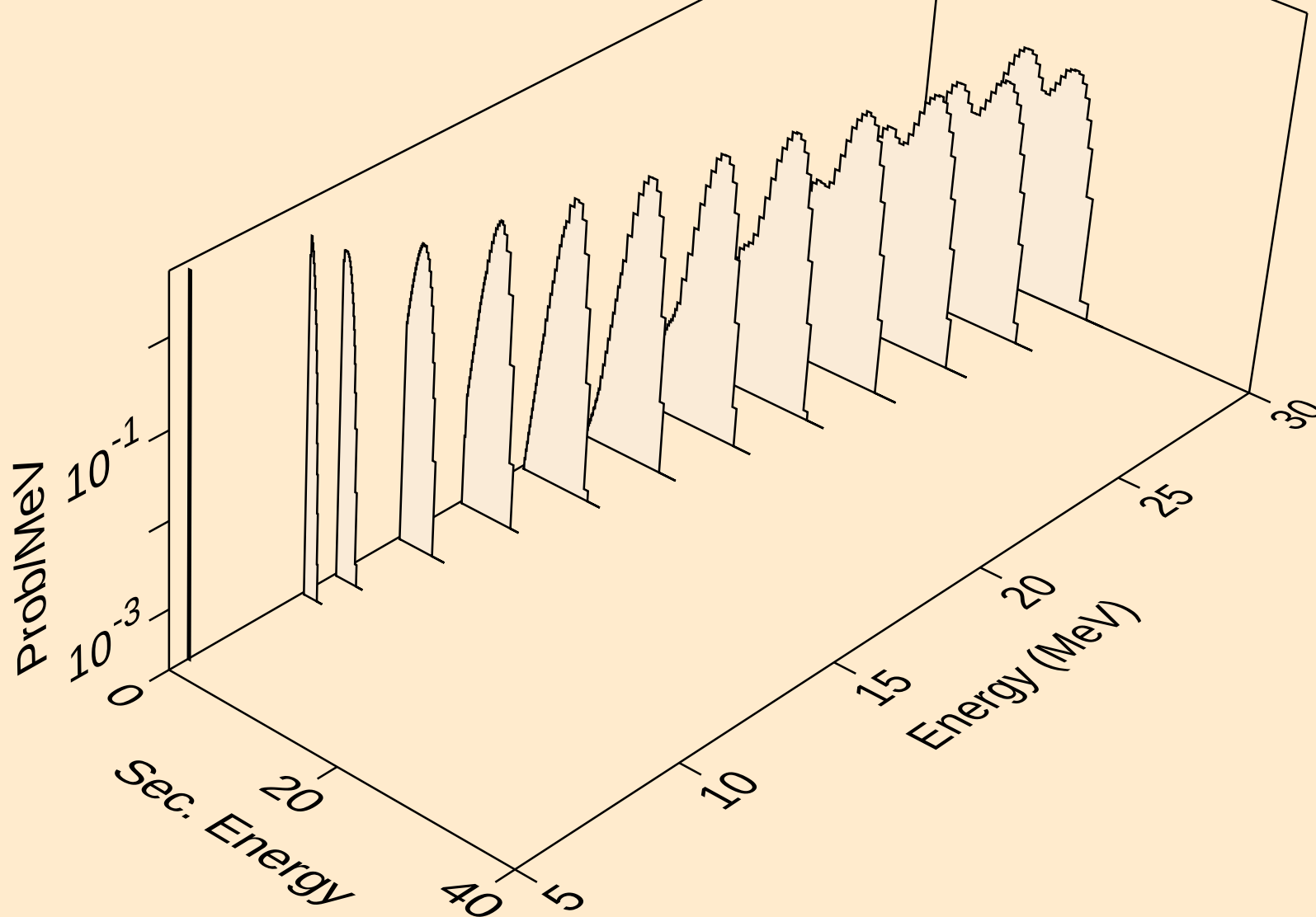
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d2a)

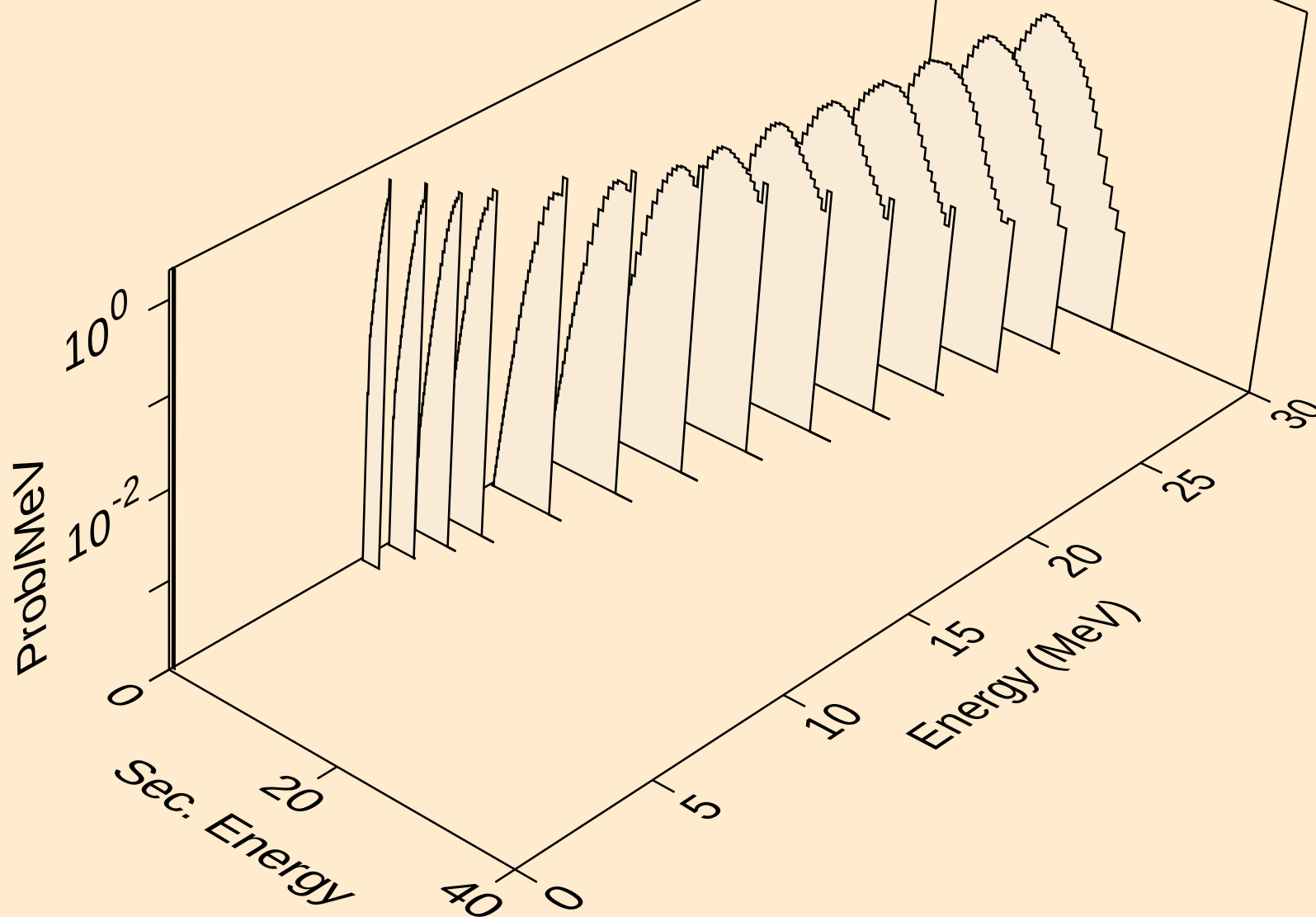


TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

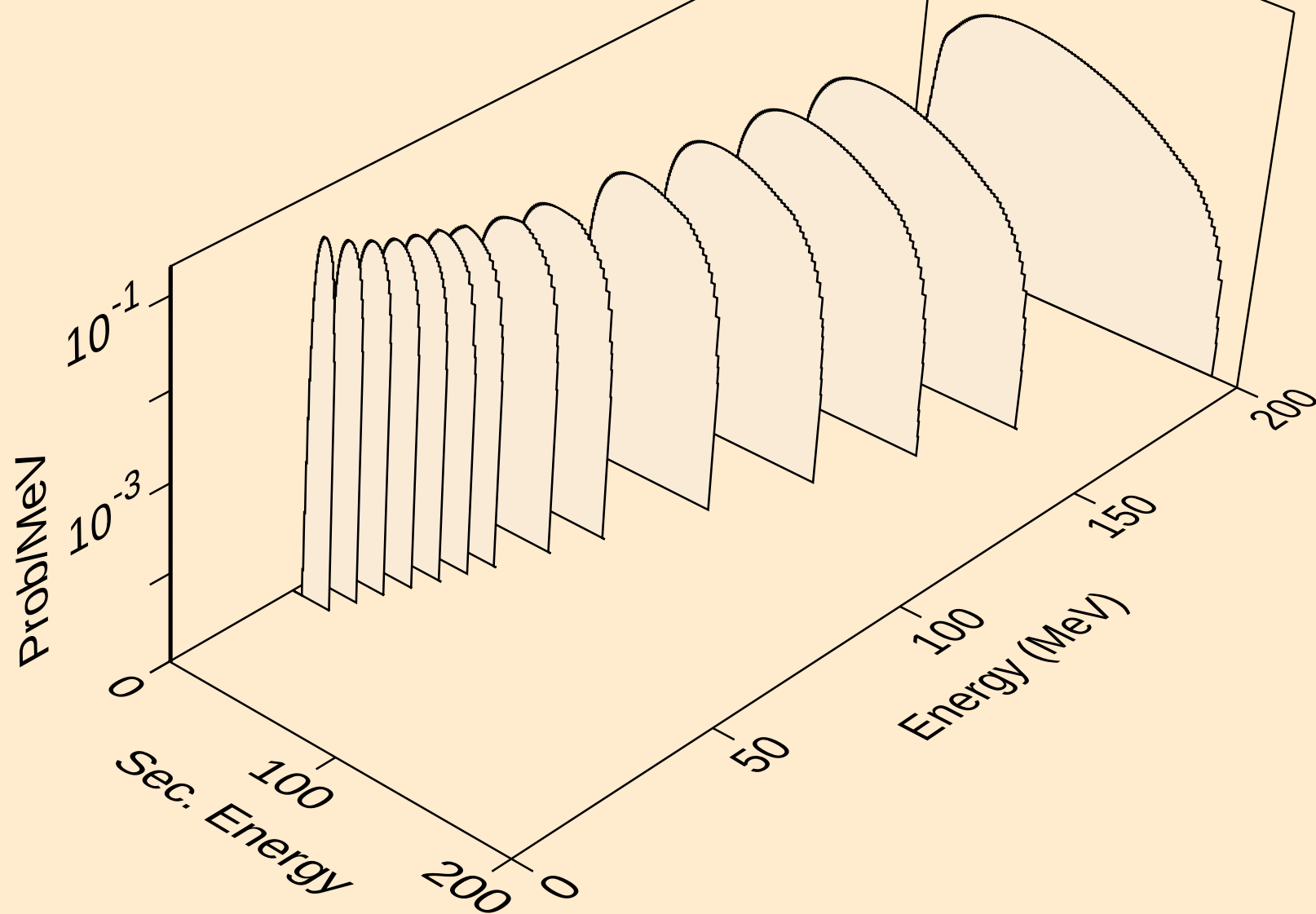




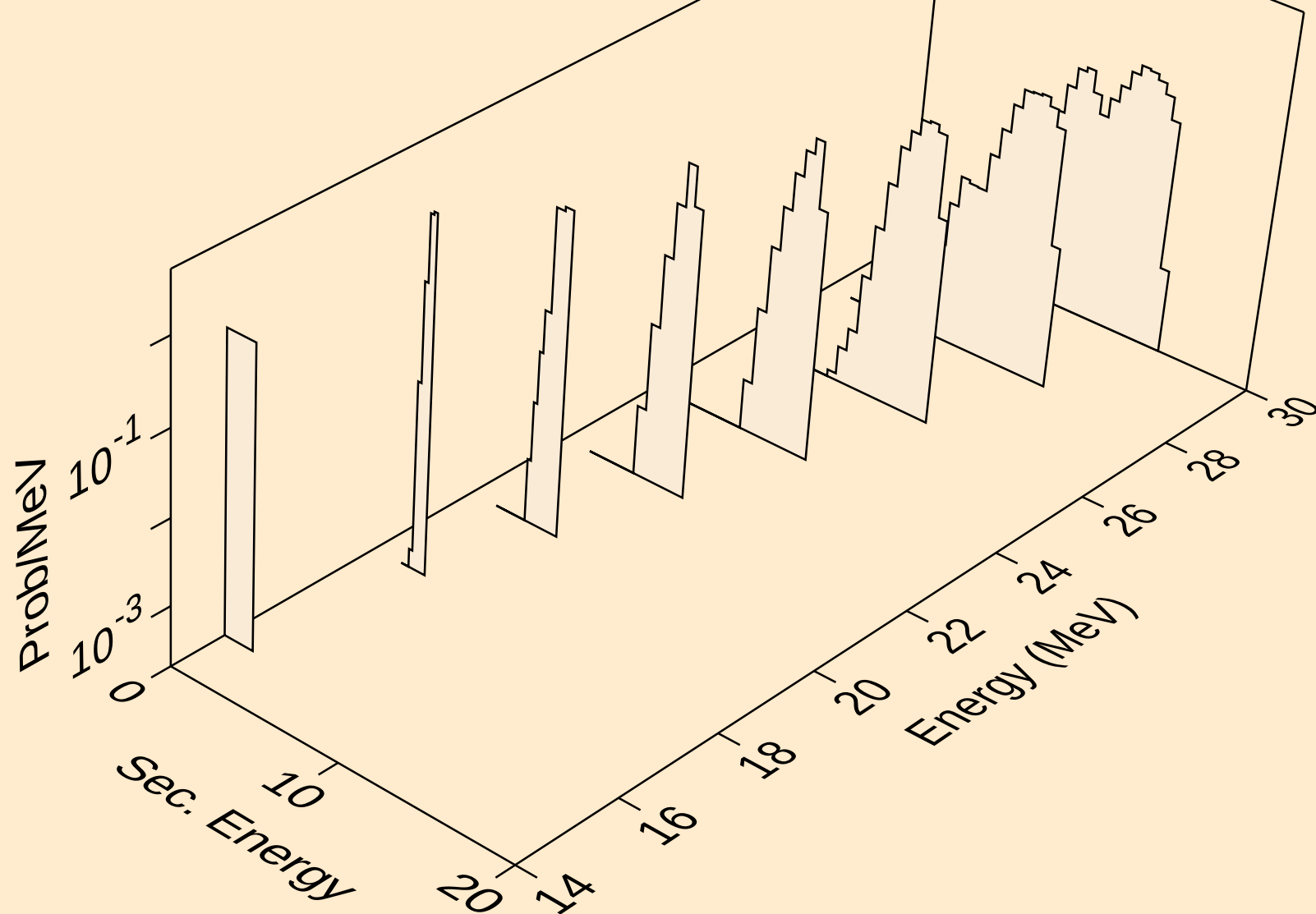
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deuterons from (s,da)



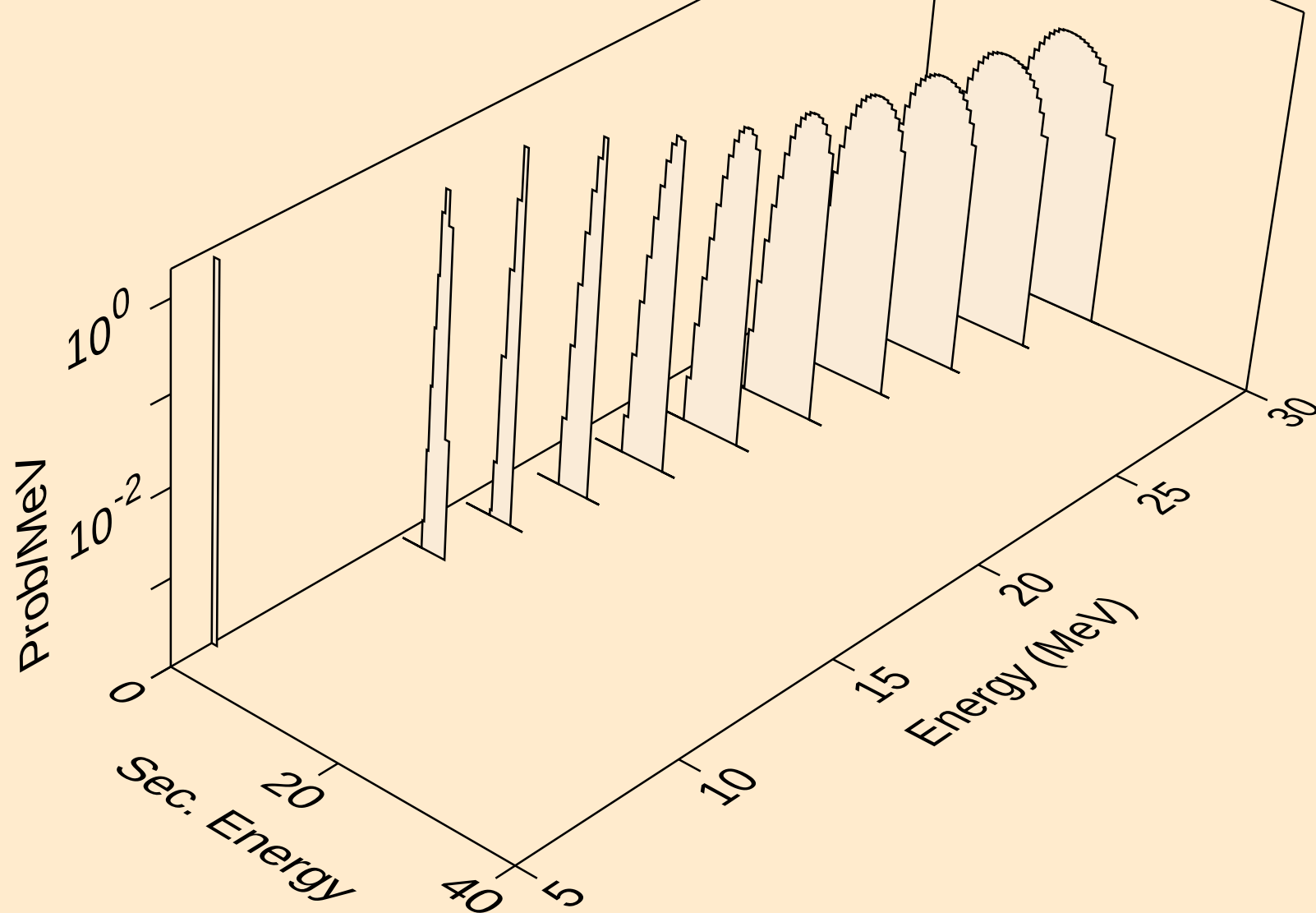
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tritons from (s,x)



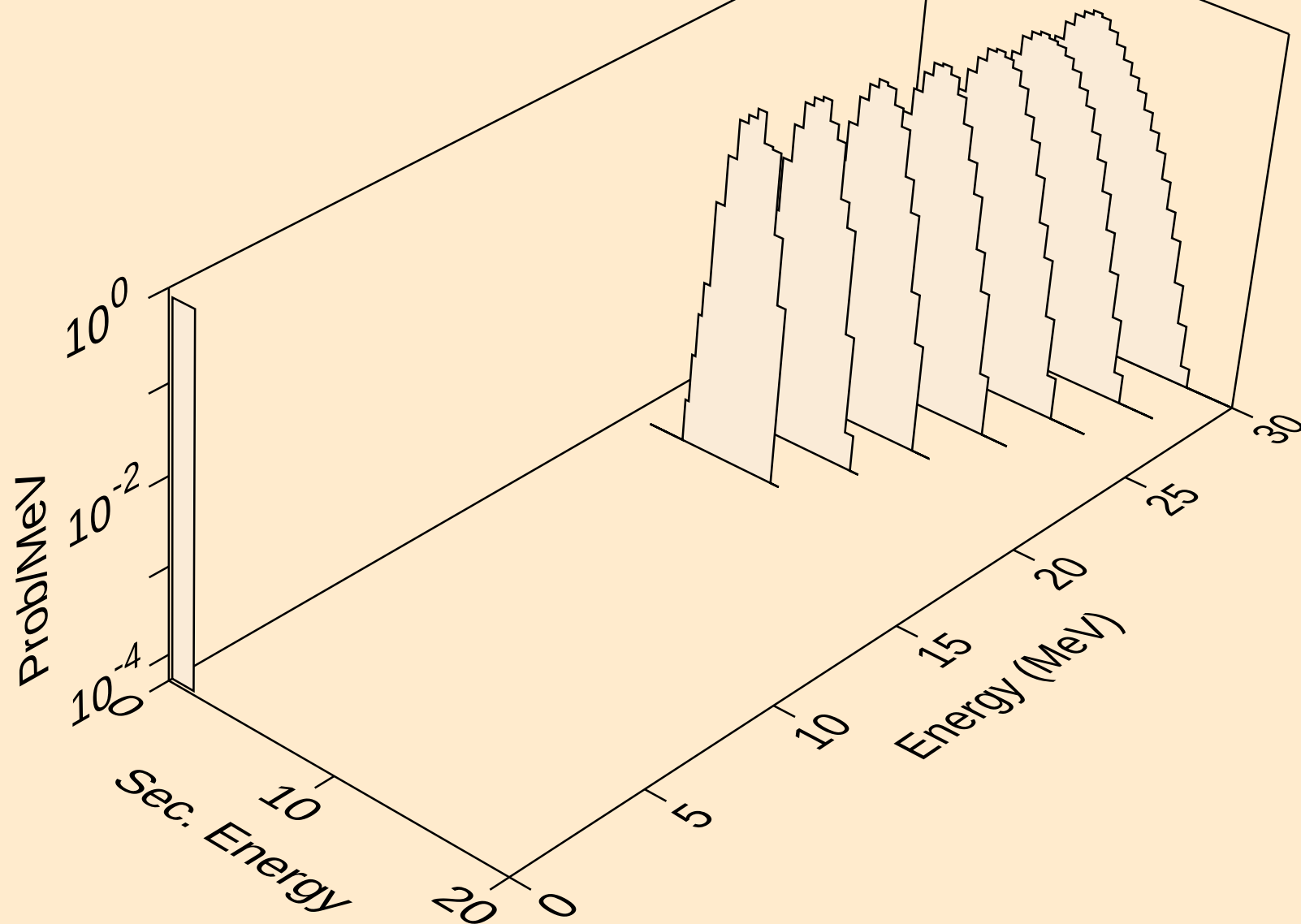
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tritons from (s,n\*)t



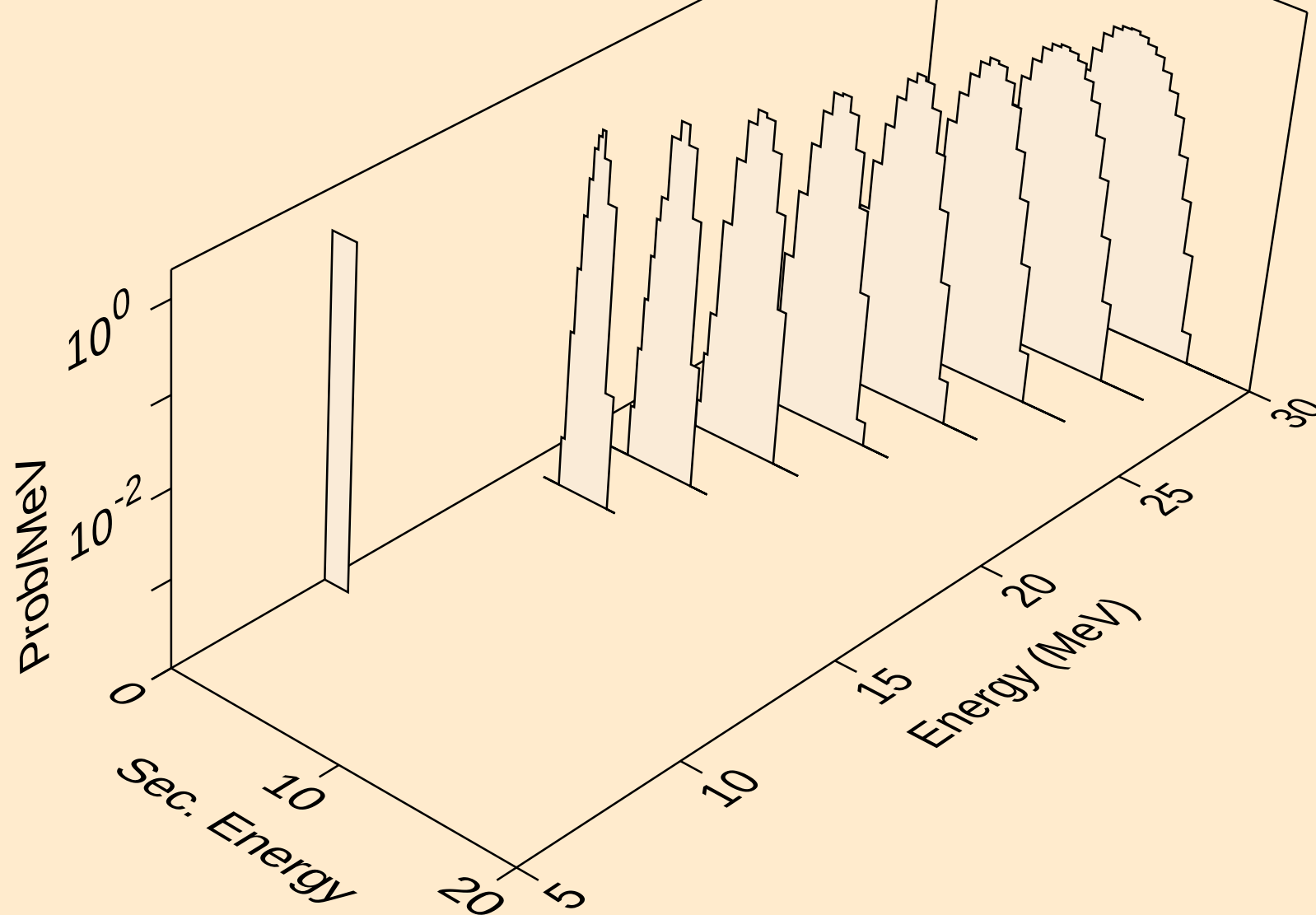
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tritons from (s,t)



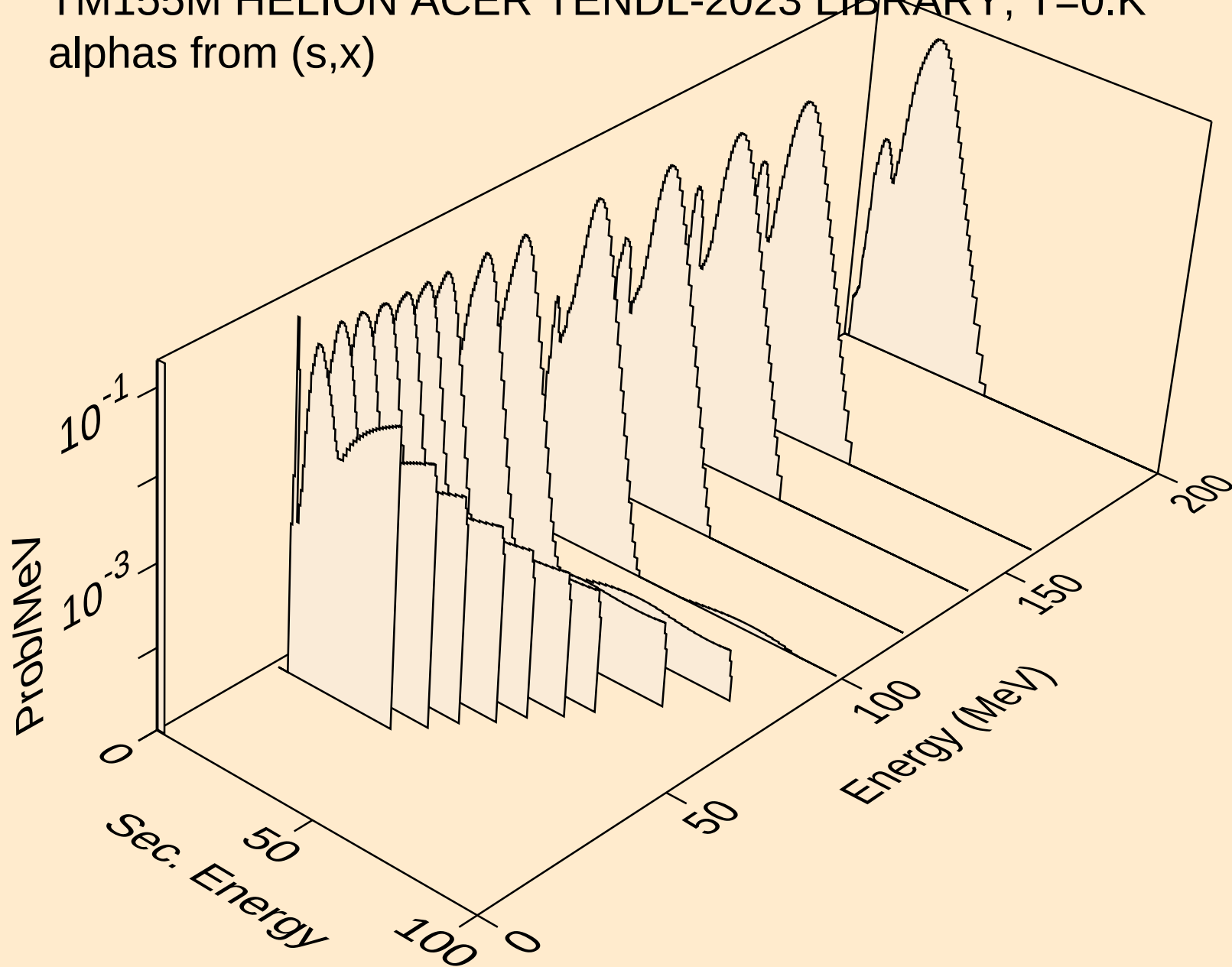
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tritons from (s,t2a)



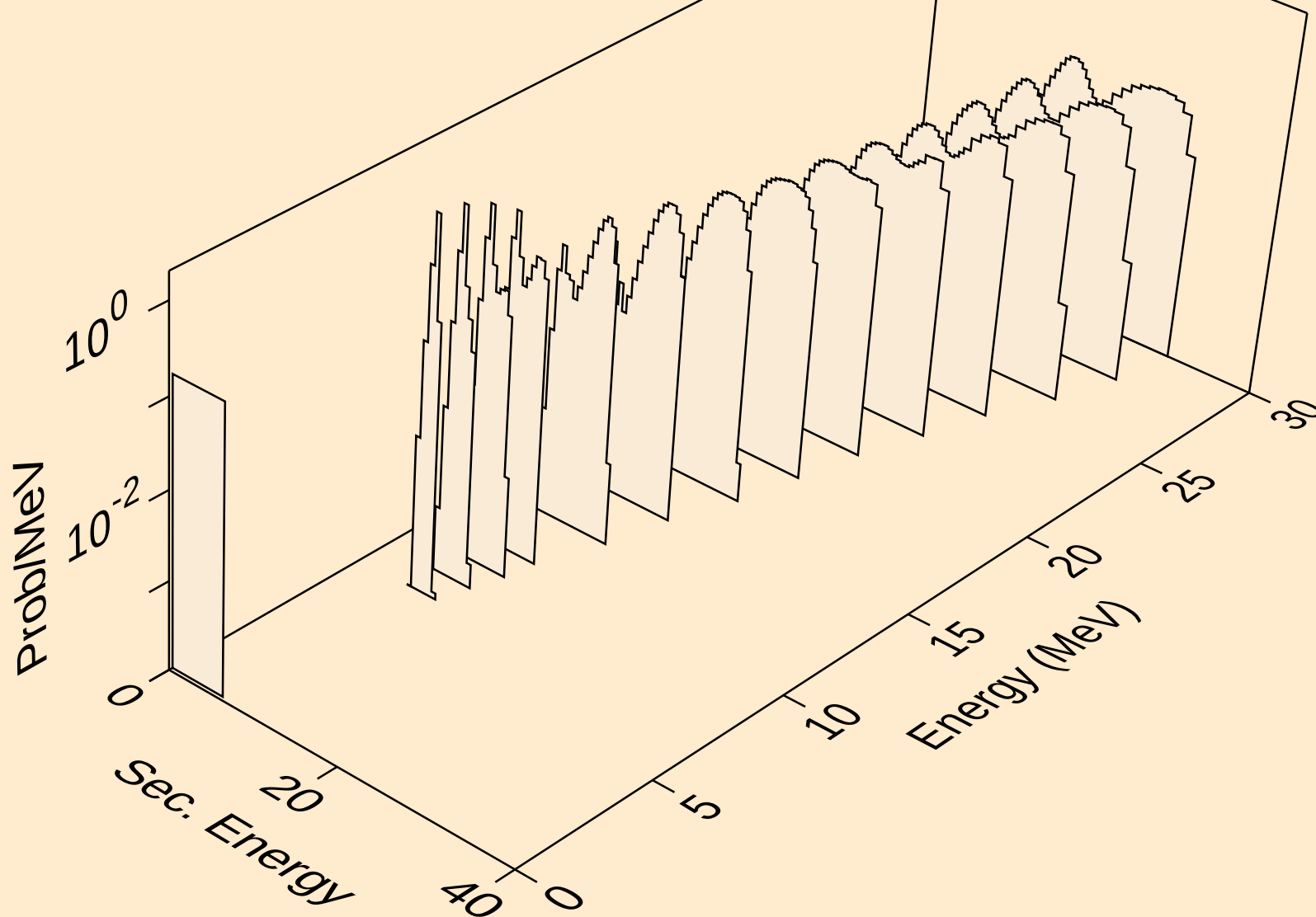
TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

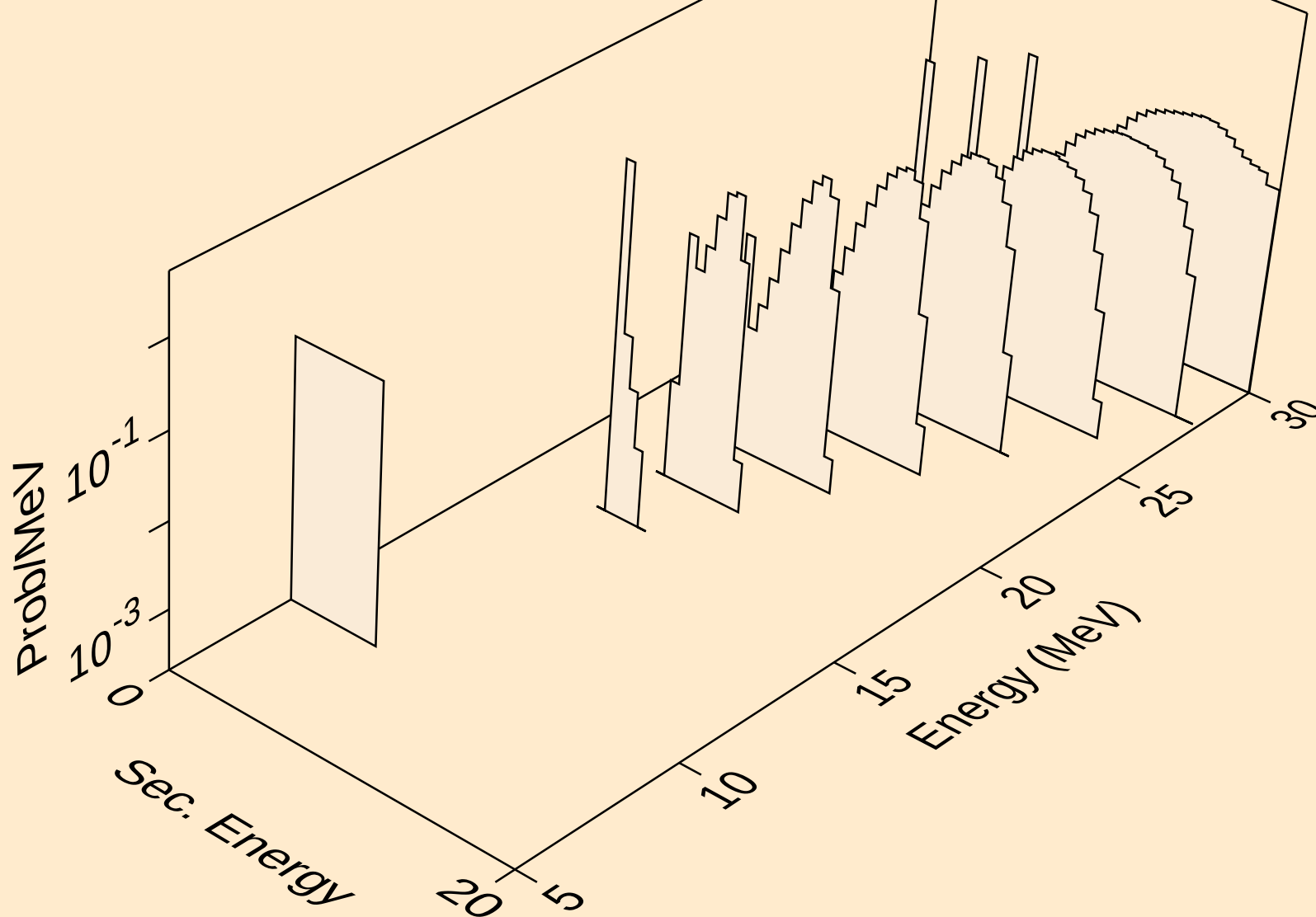


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alphas from (s,n\*)a

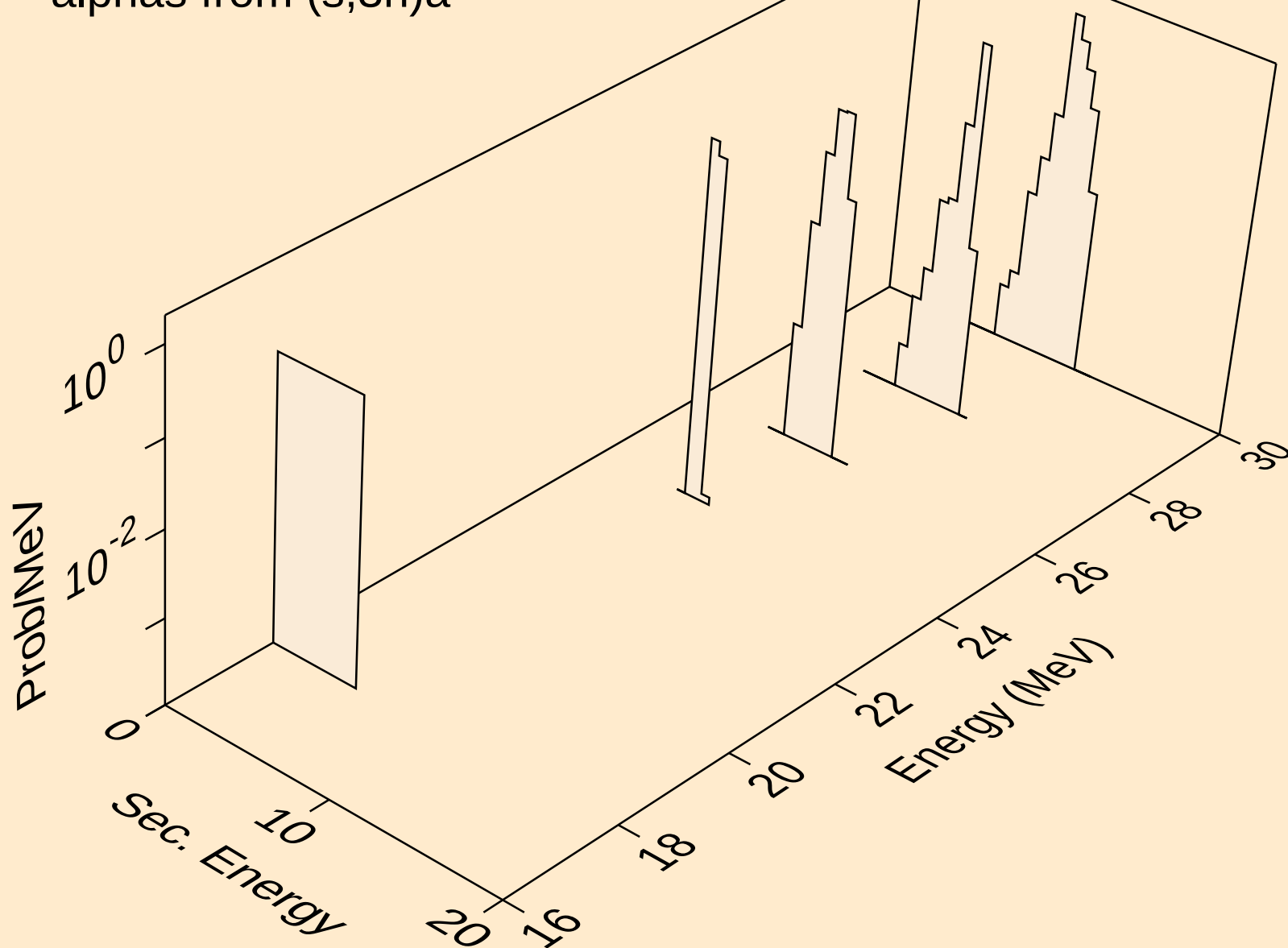




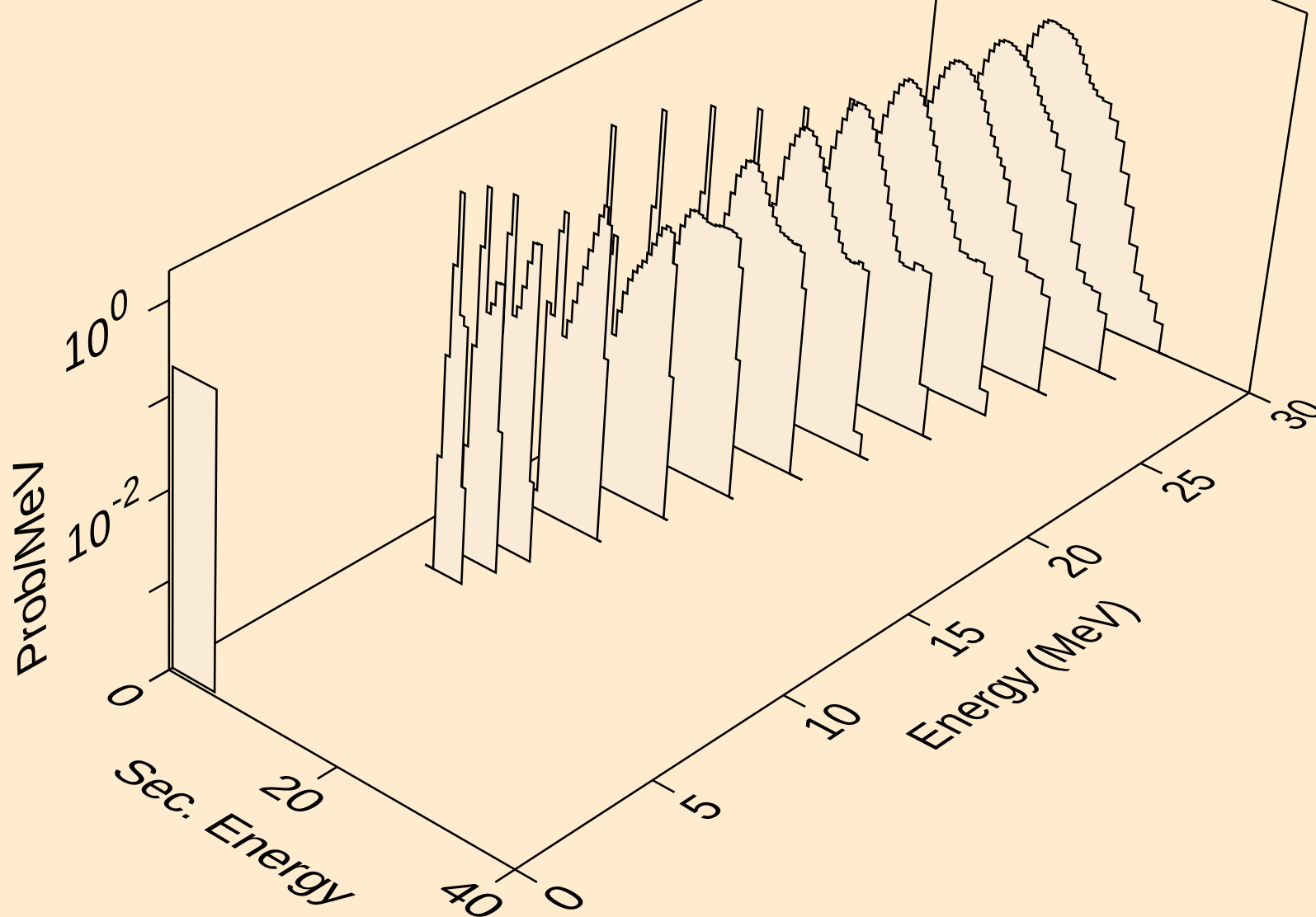
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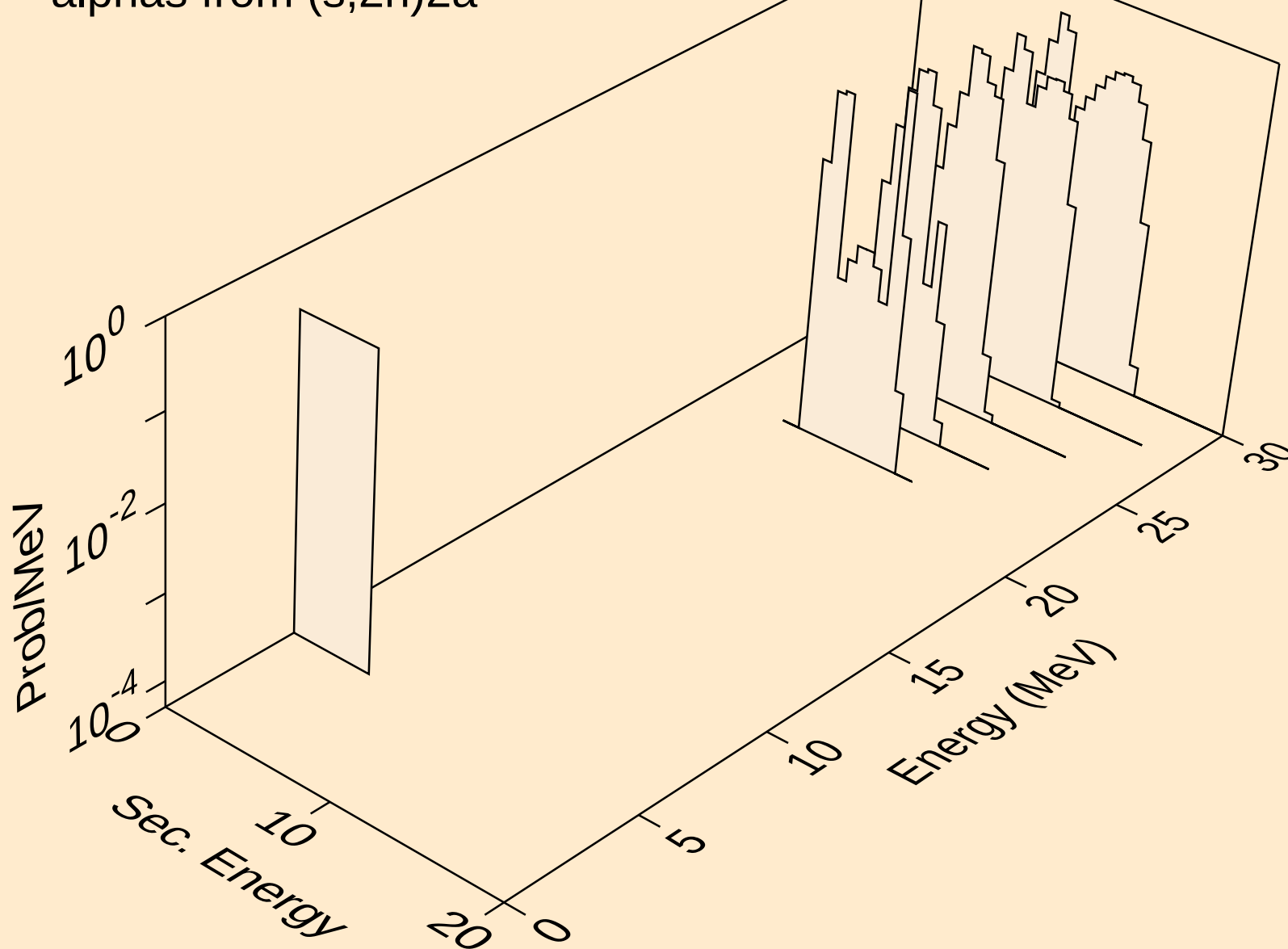
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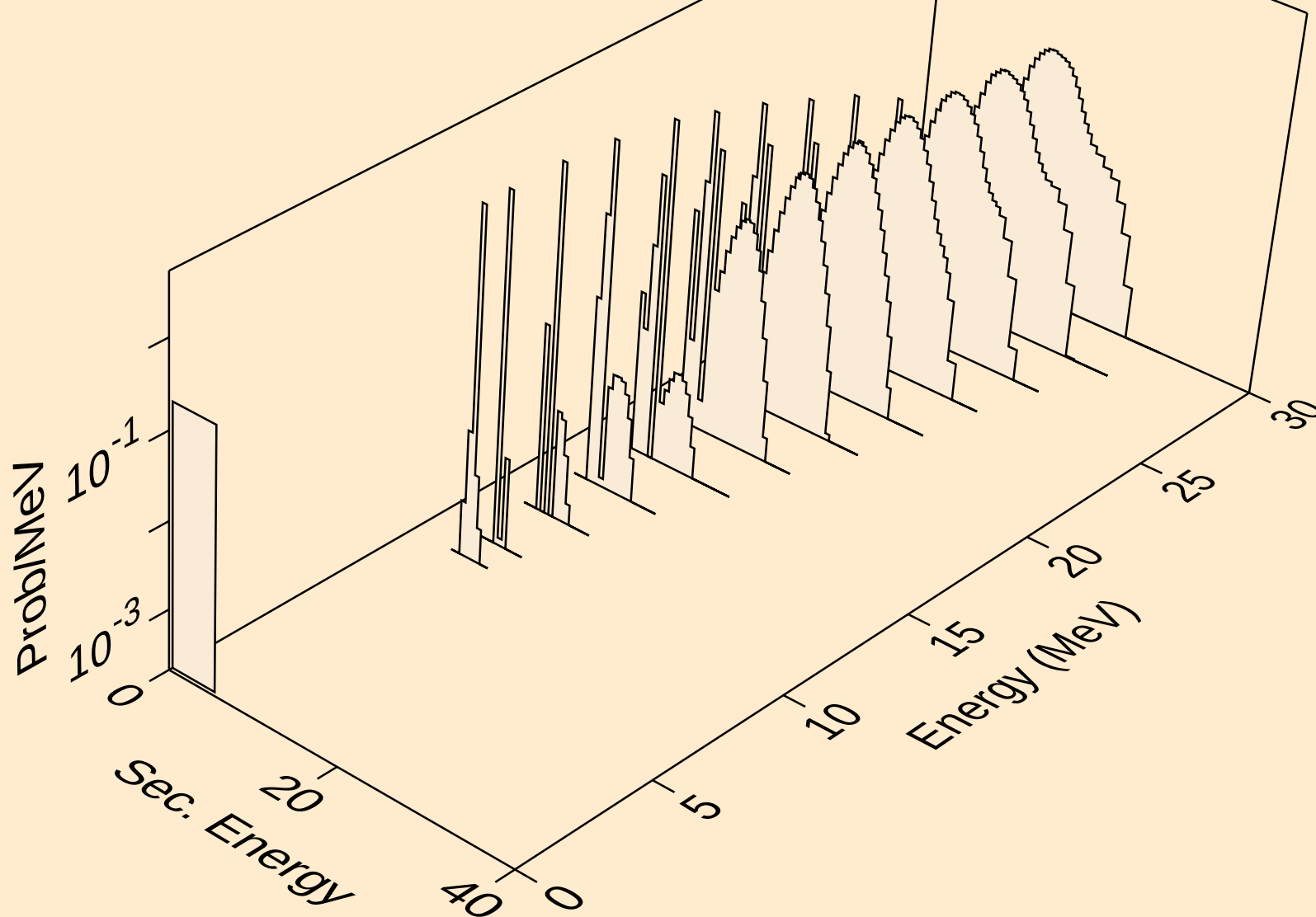
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alphas from (s,n\*)2a



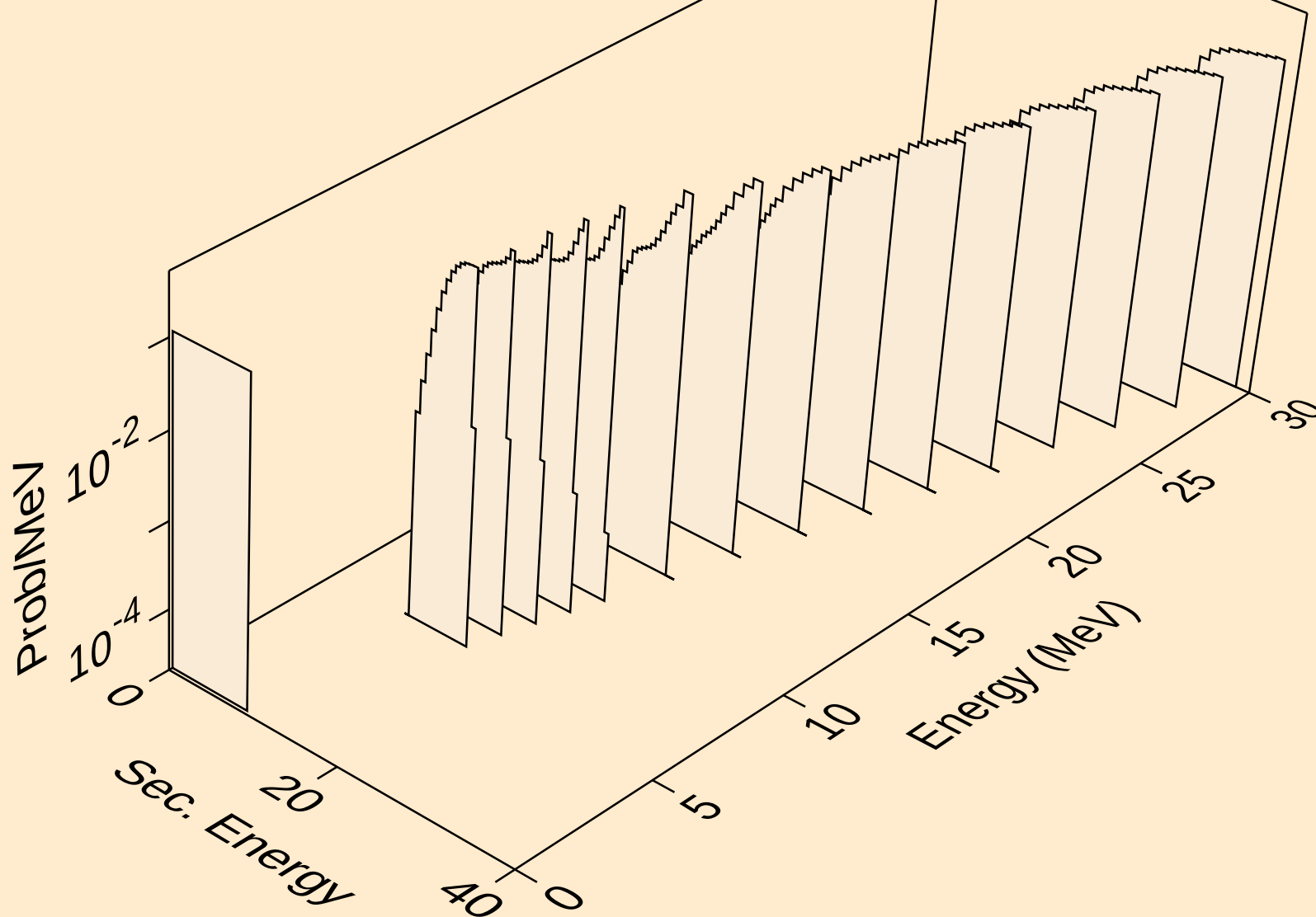
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alphas from (s,2n)2a



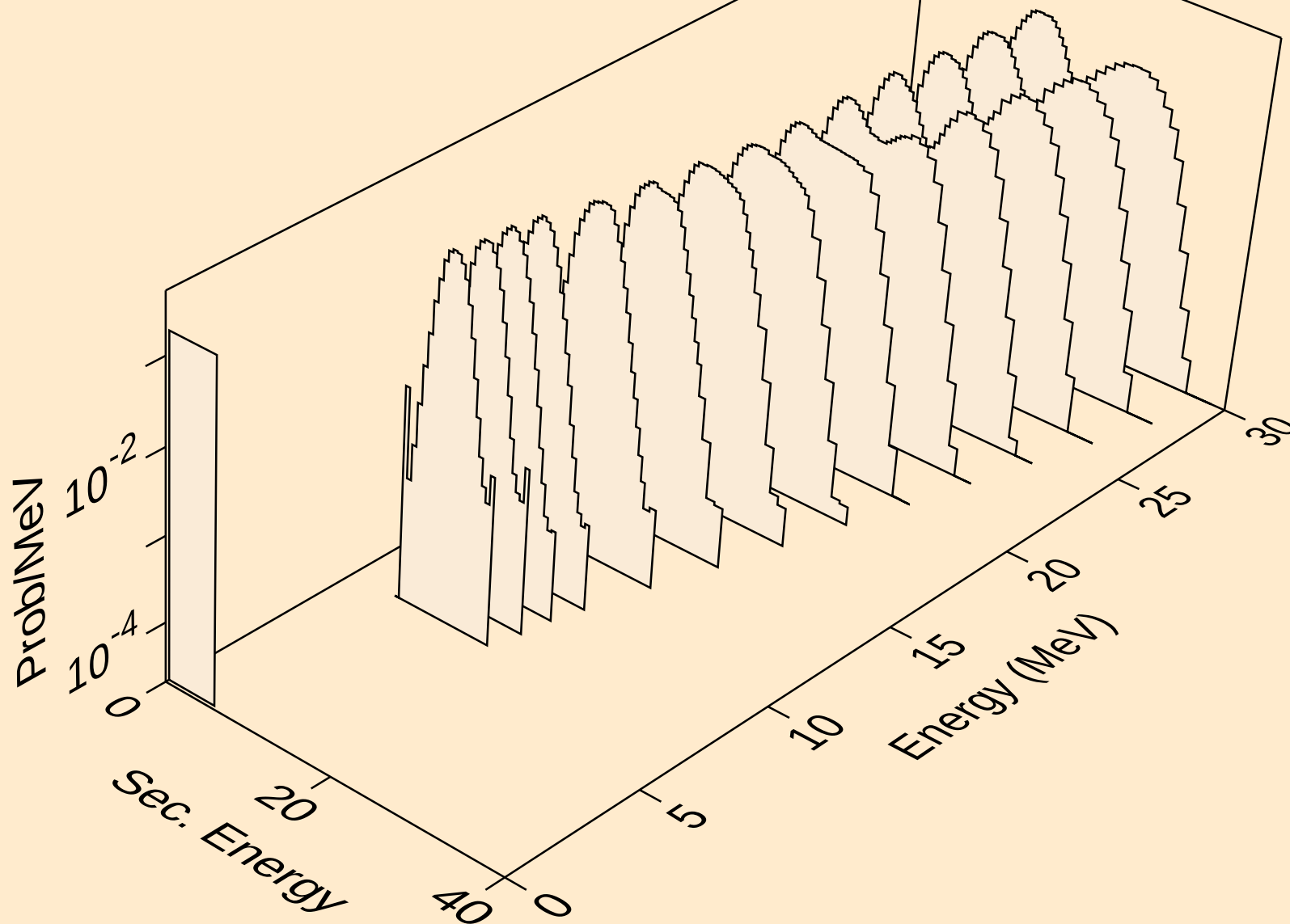
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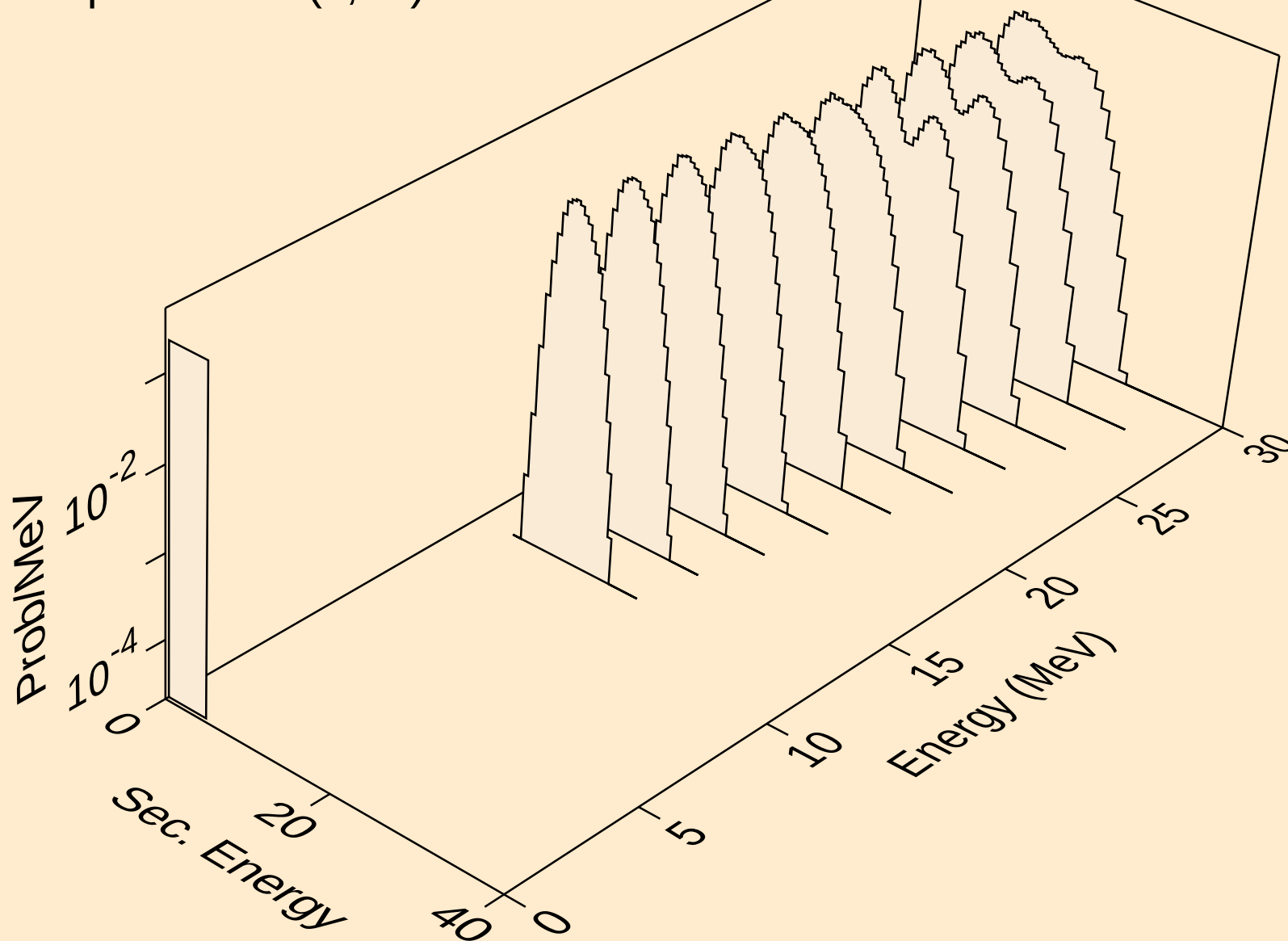
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alphas from (s,a)



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alphas from (s,2a)

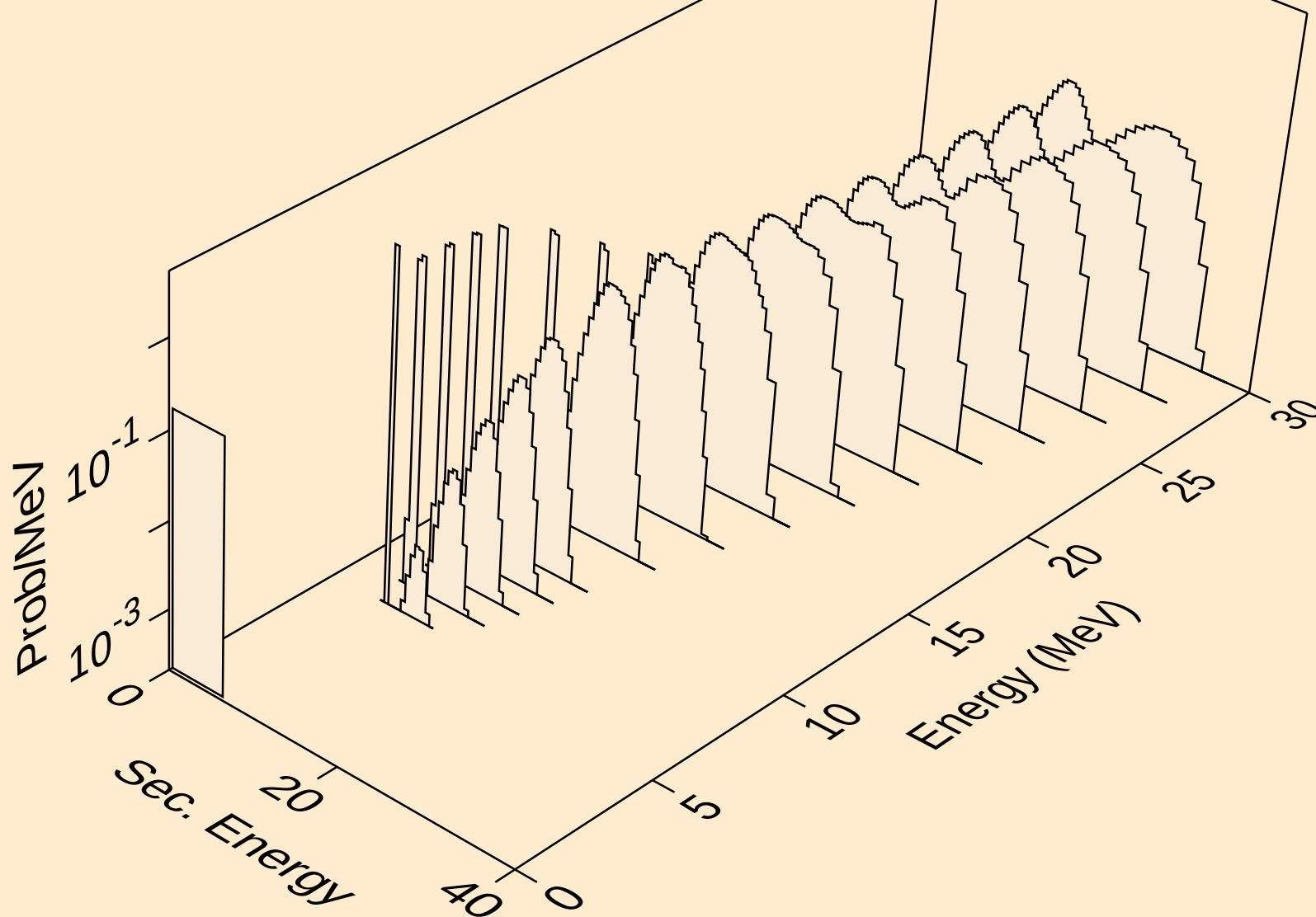


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alphas from (s,3a)

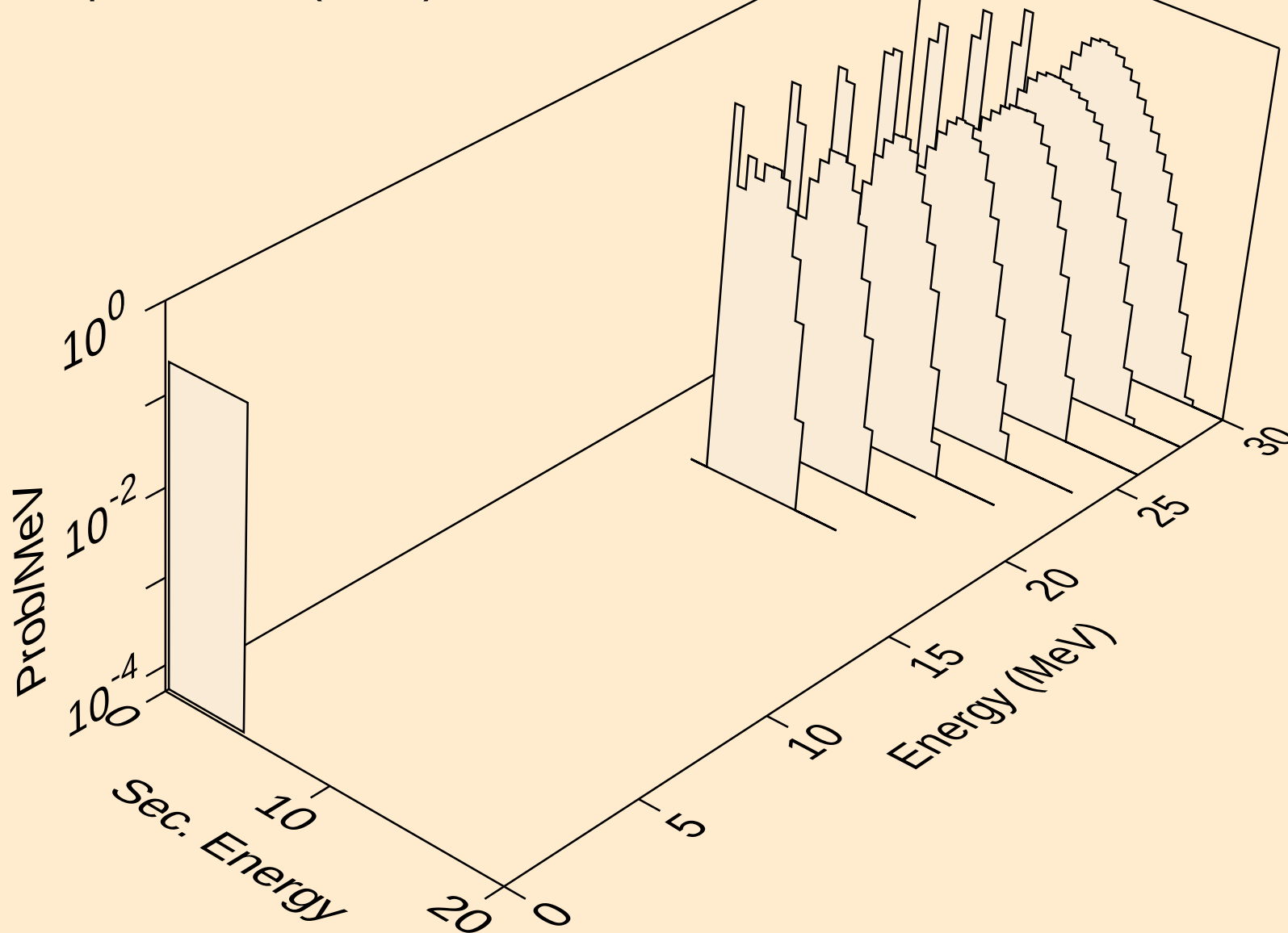




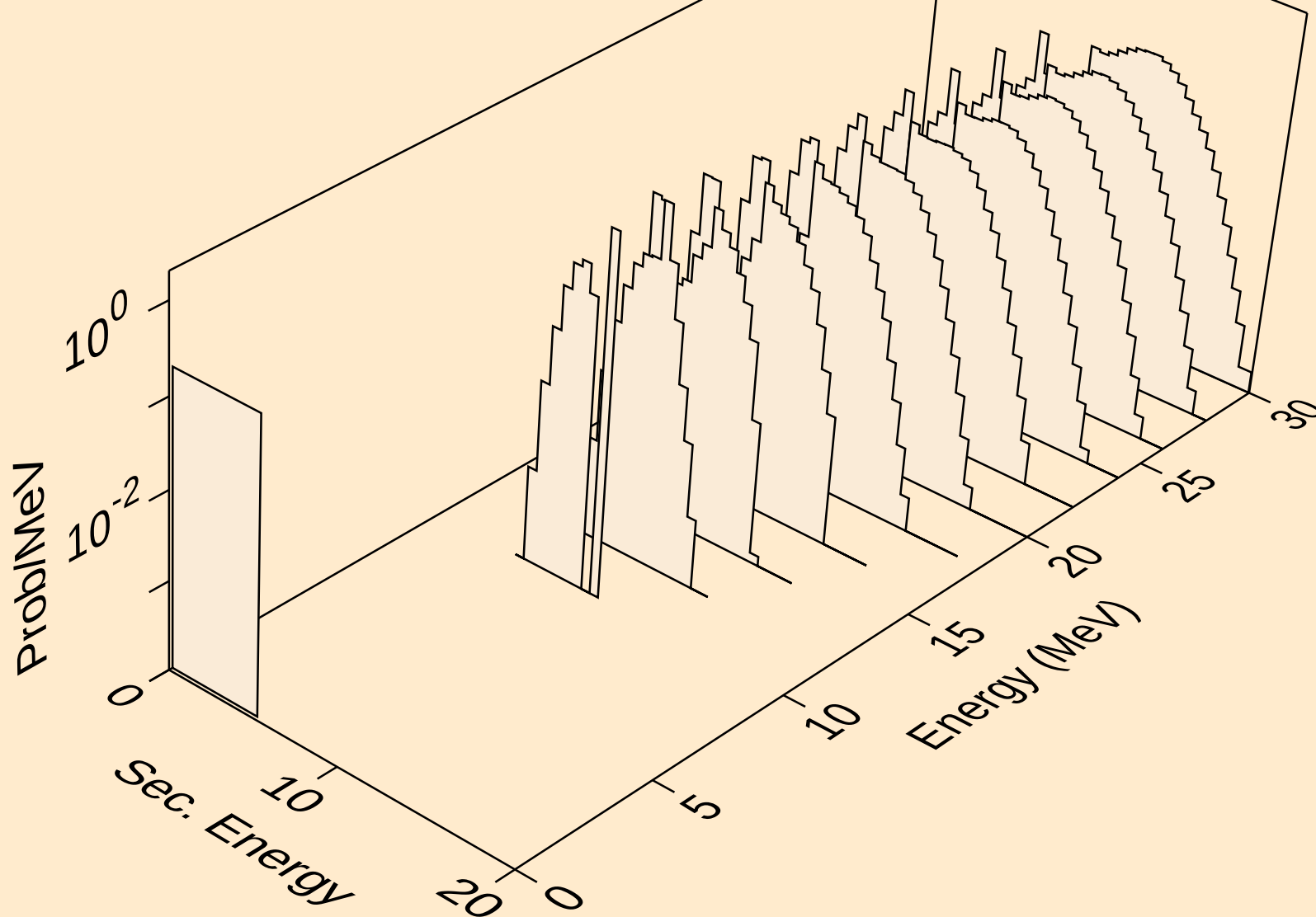
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alphas from (s,pa)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



TM155M HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

