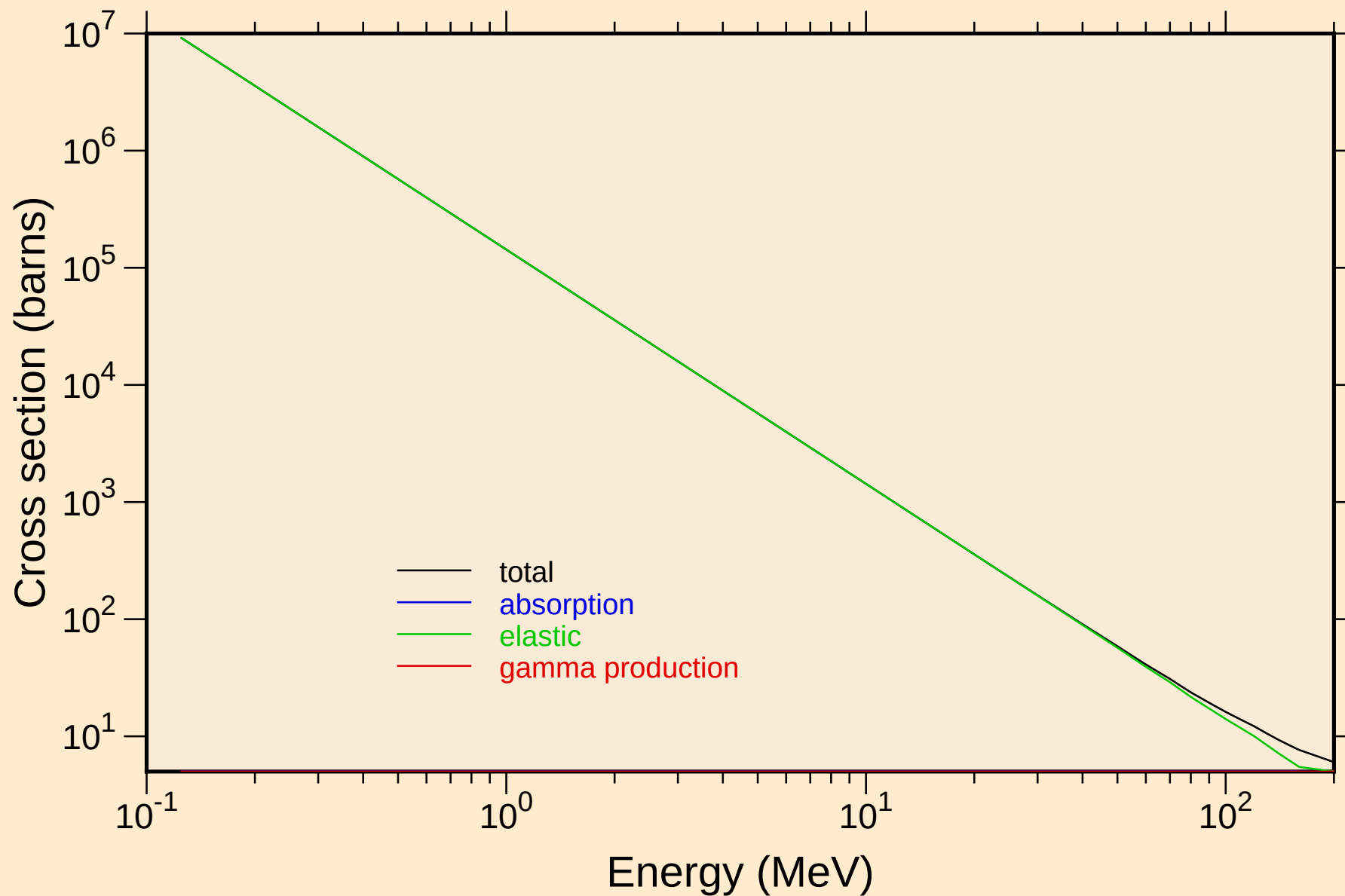


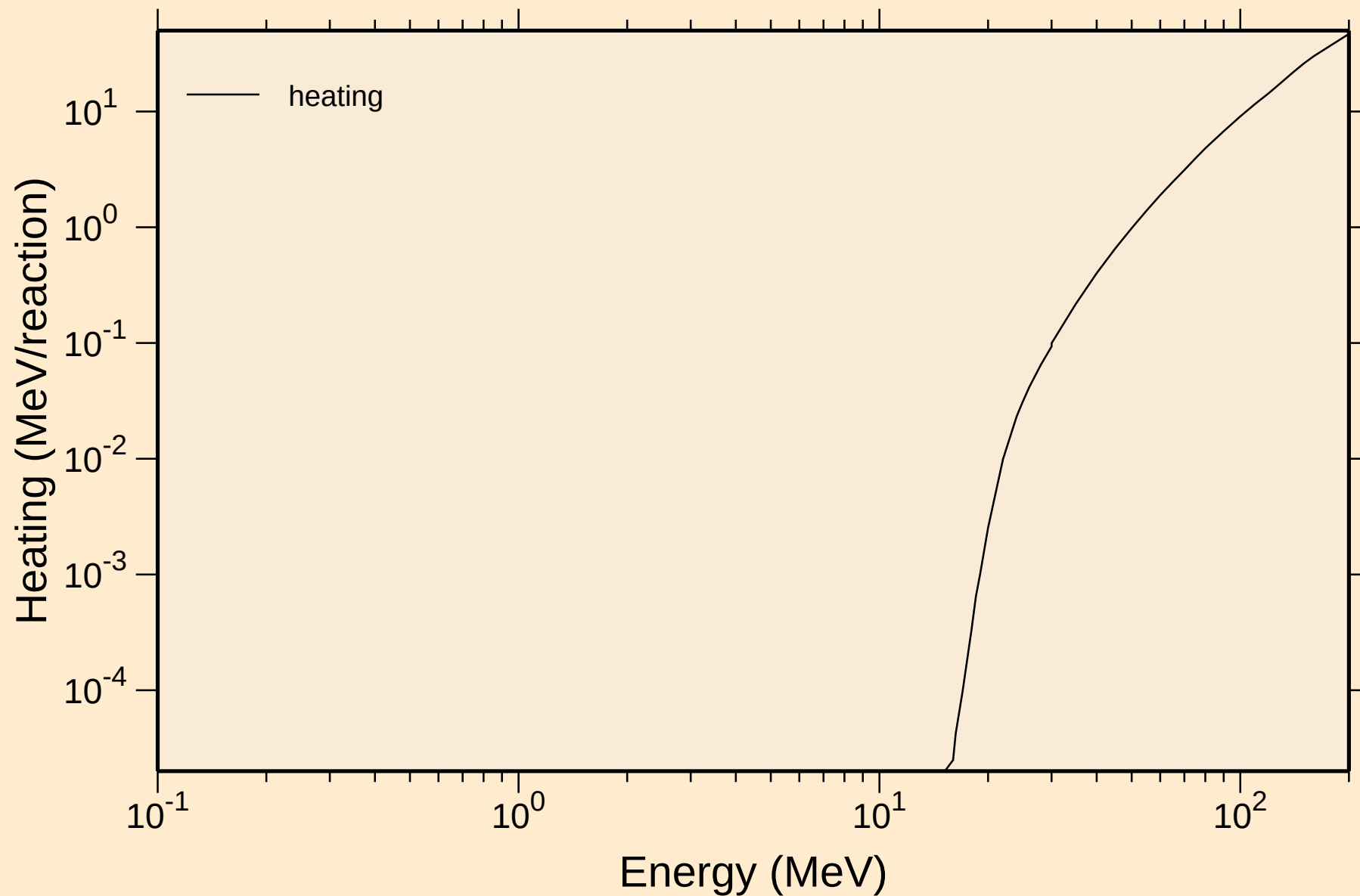
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



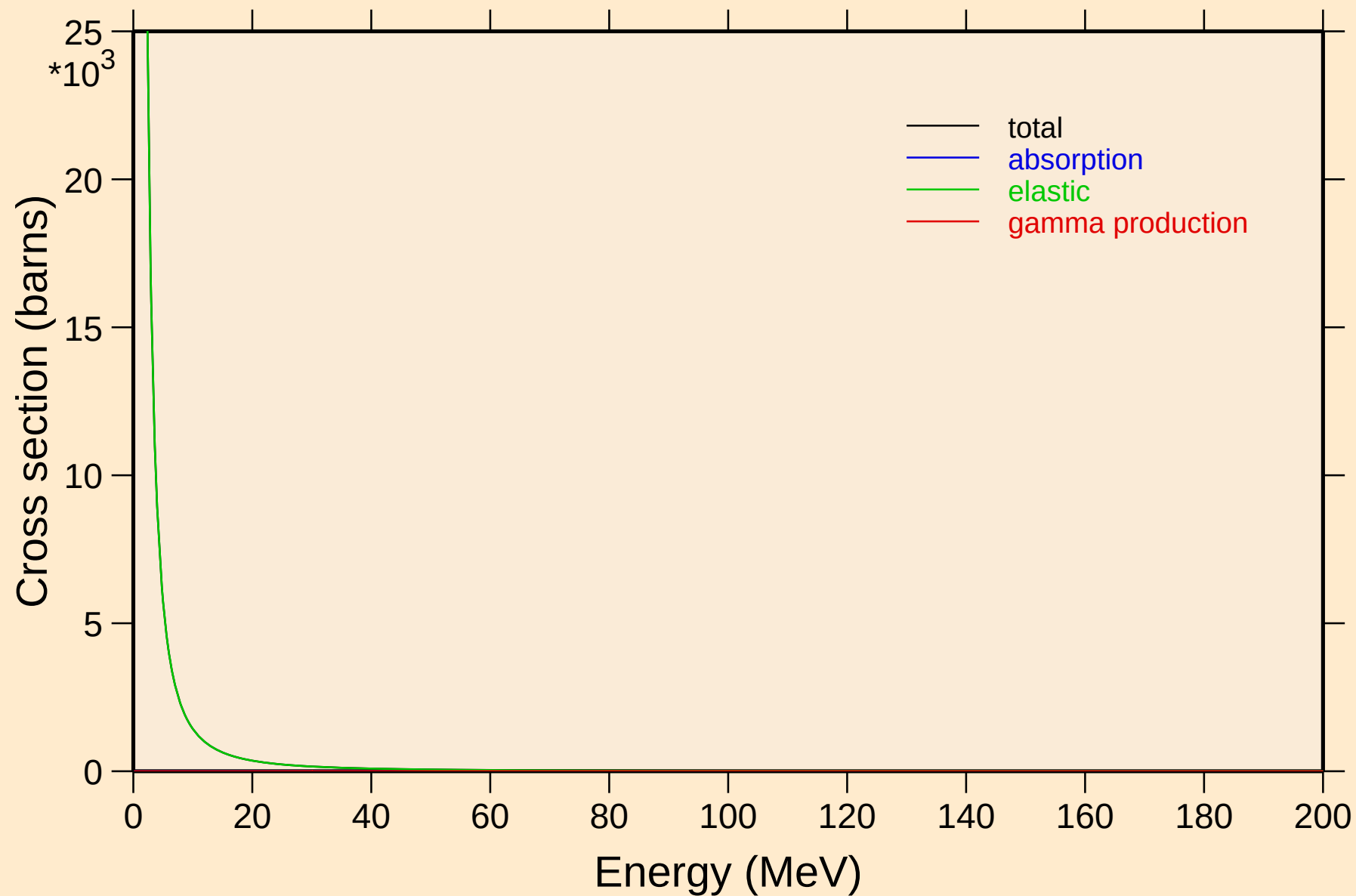
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



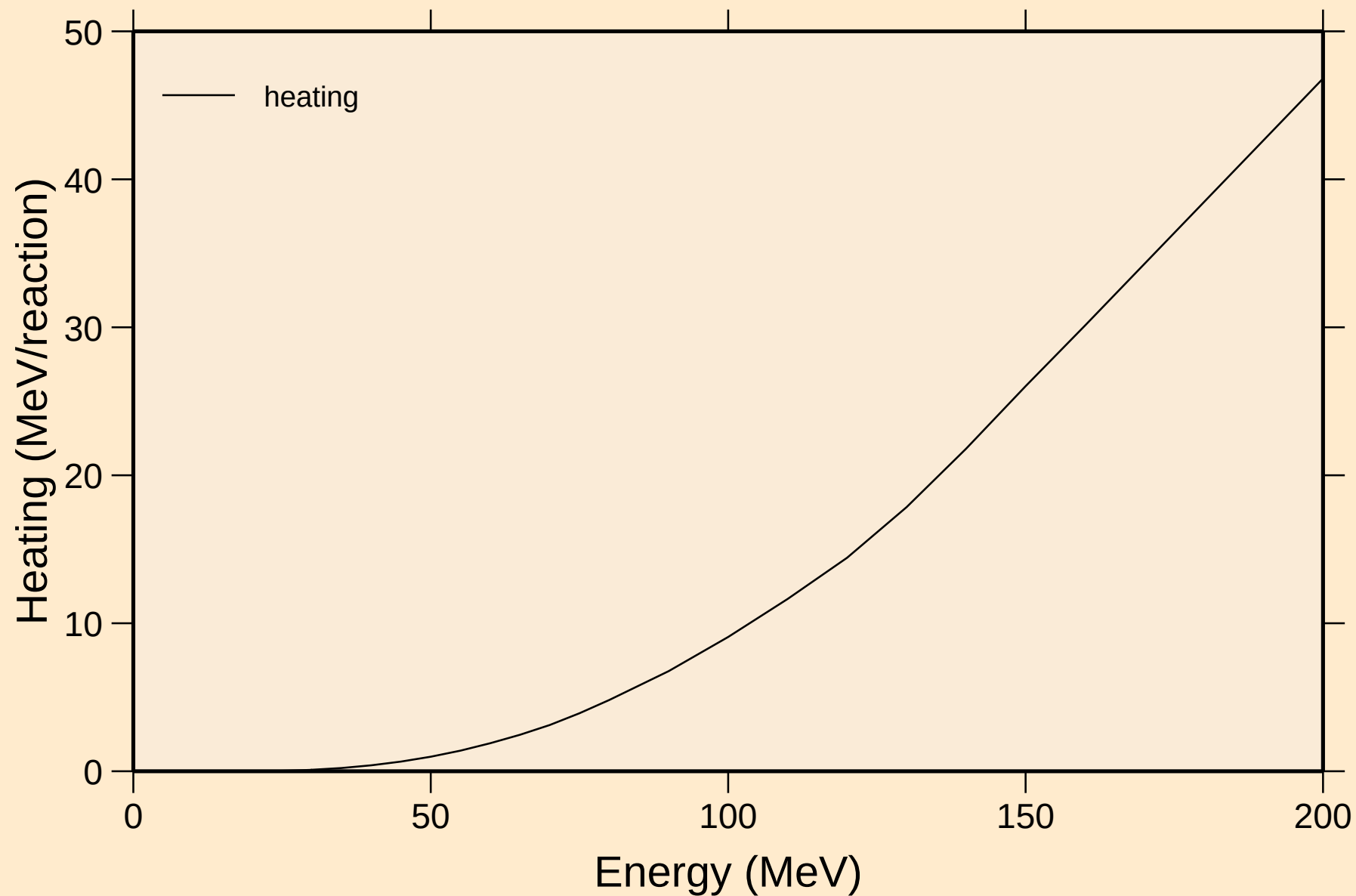
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## Principal cross sections



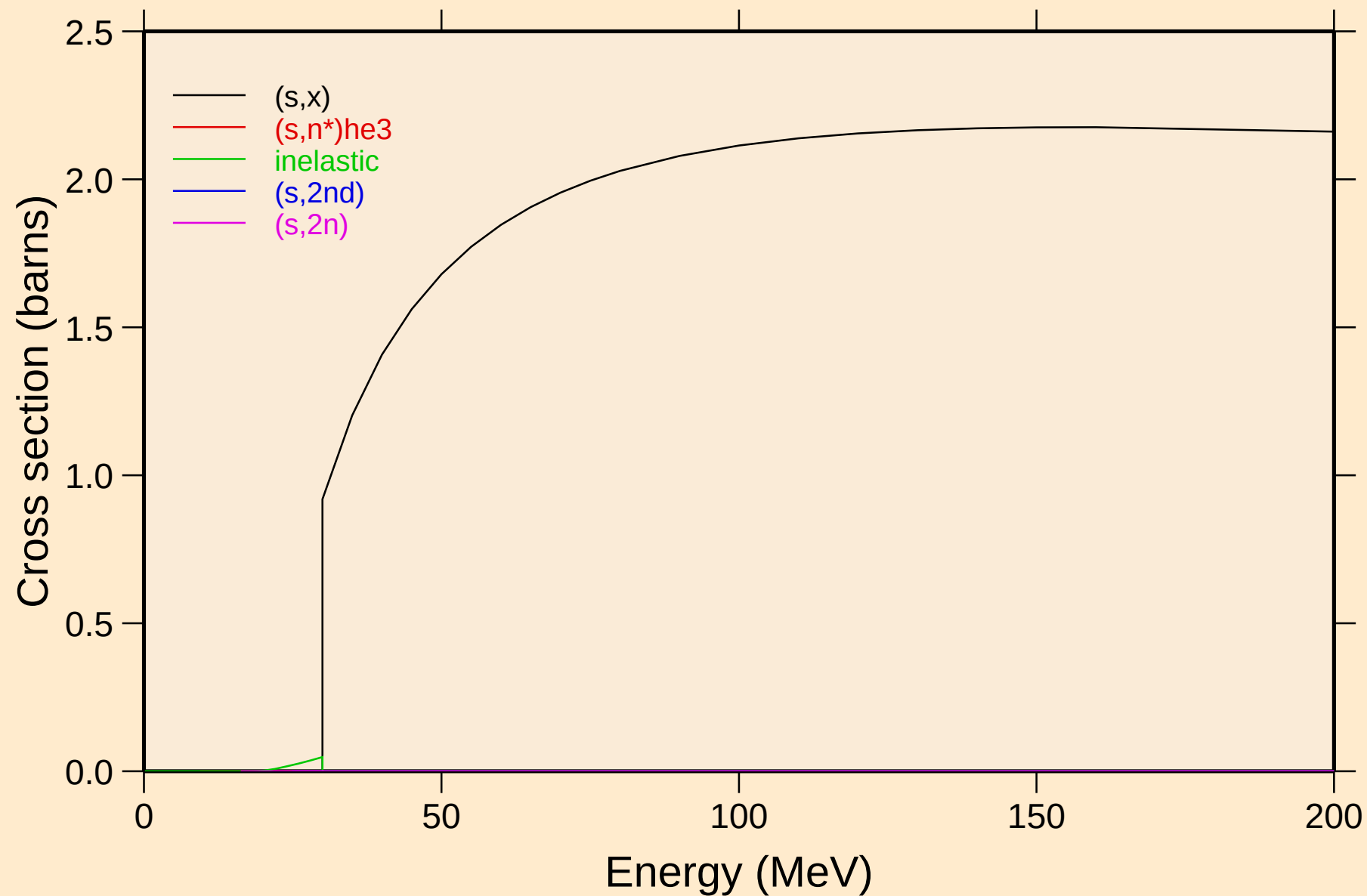
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



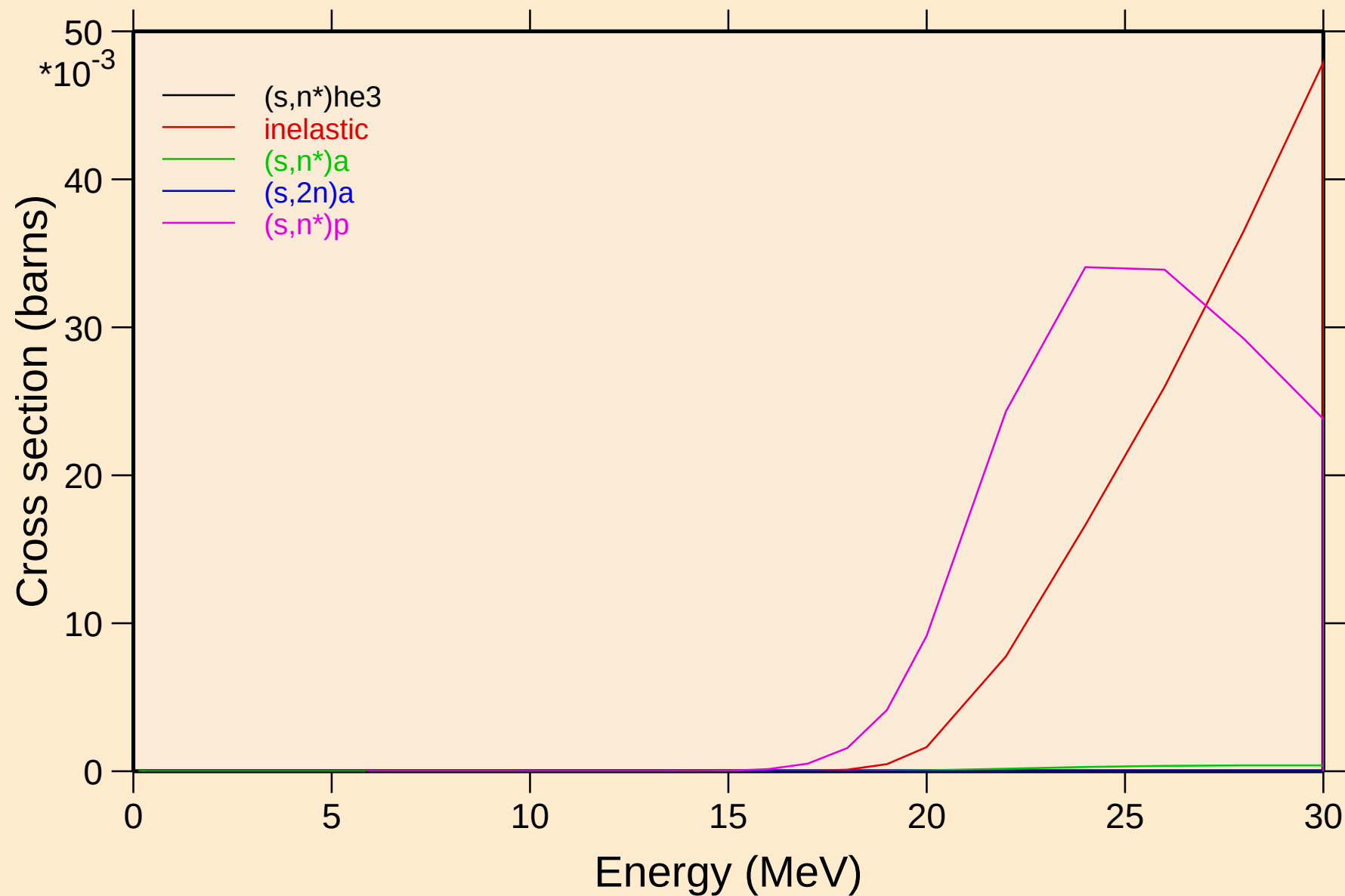
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



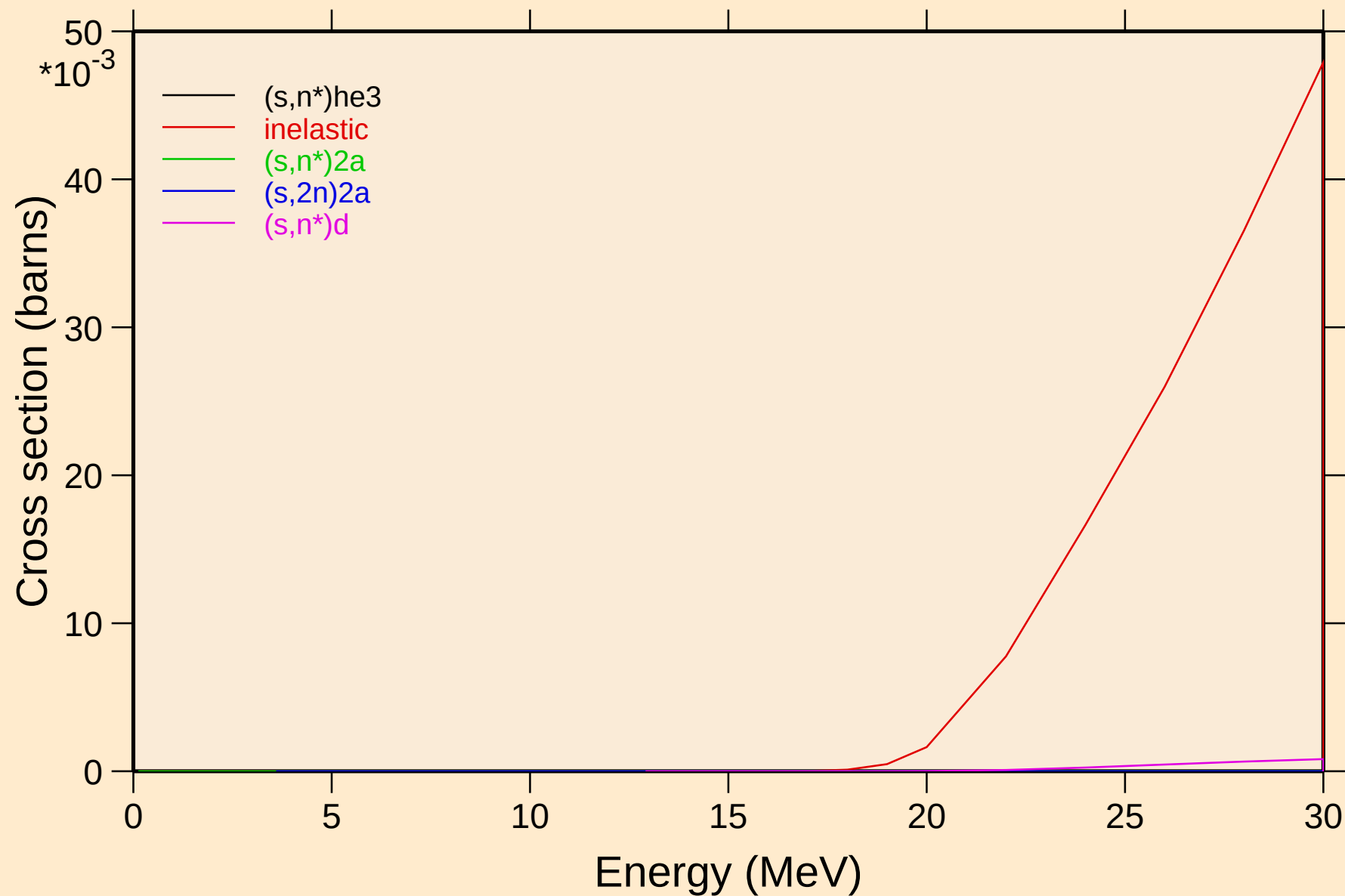
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



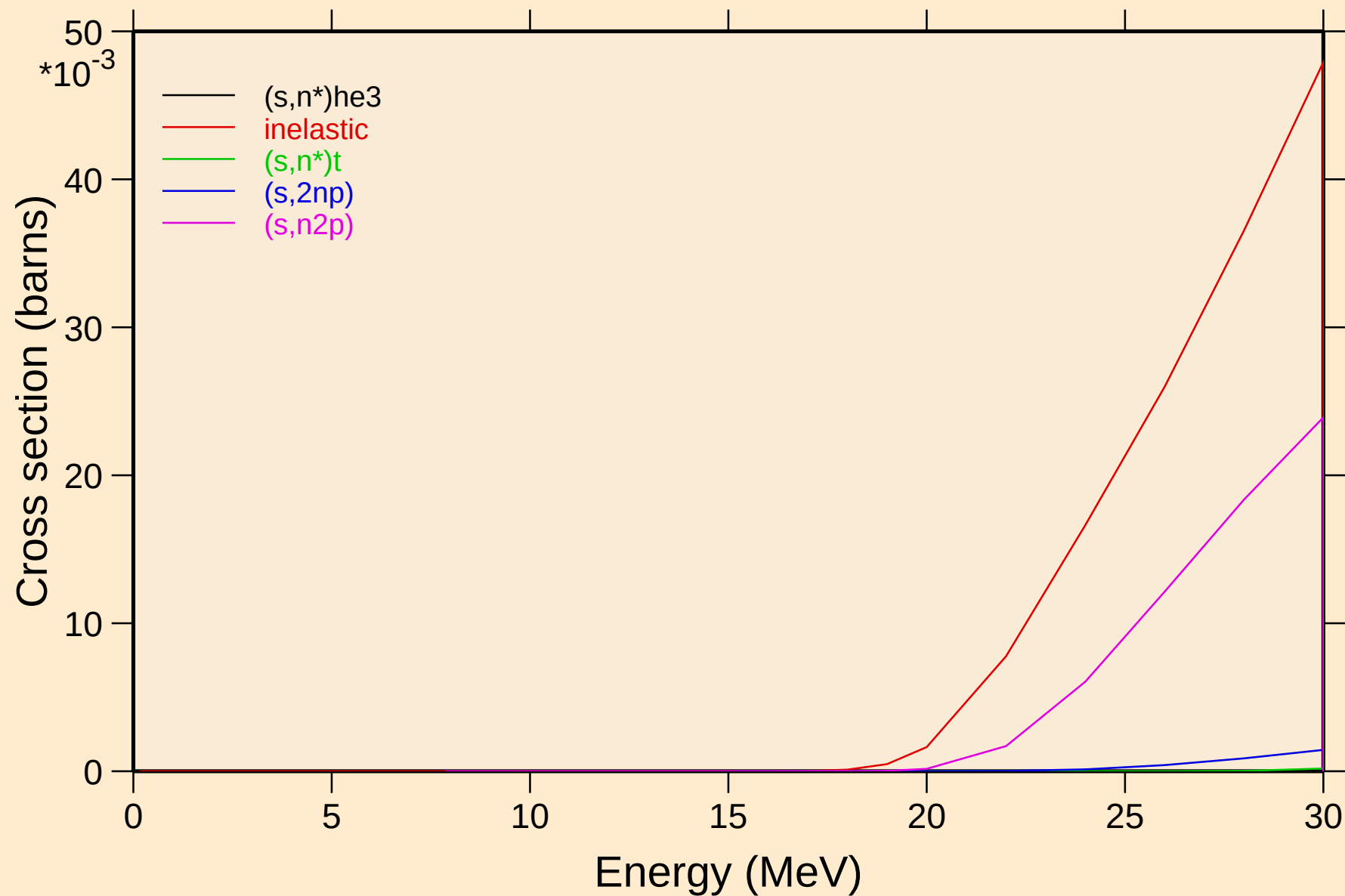
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

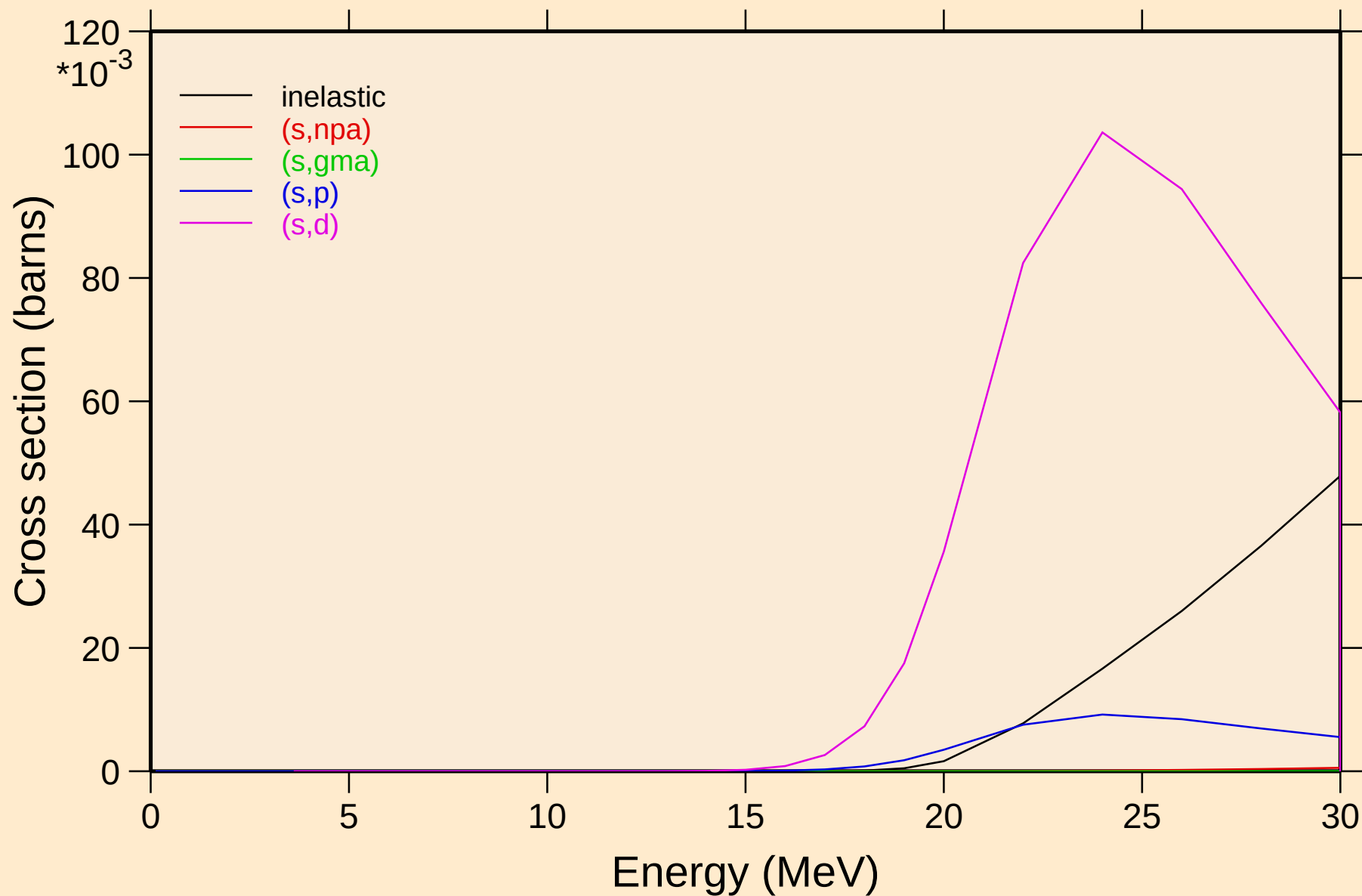
## Threshold reactions





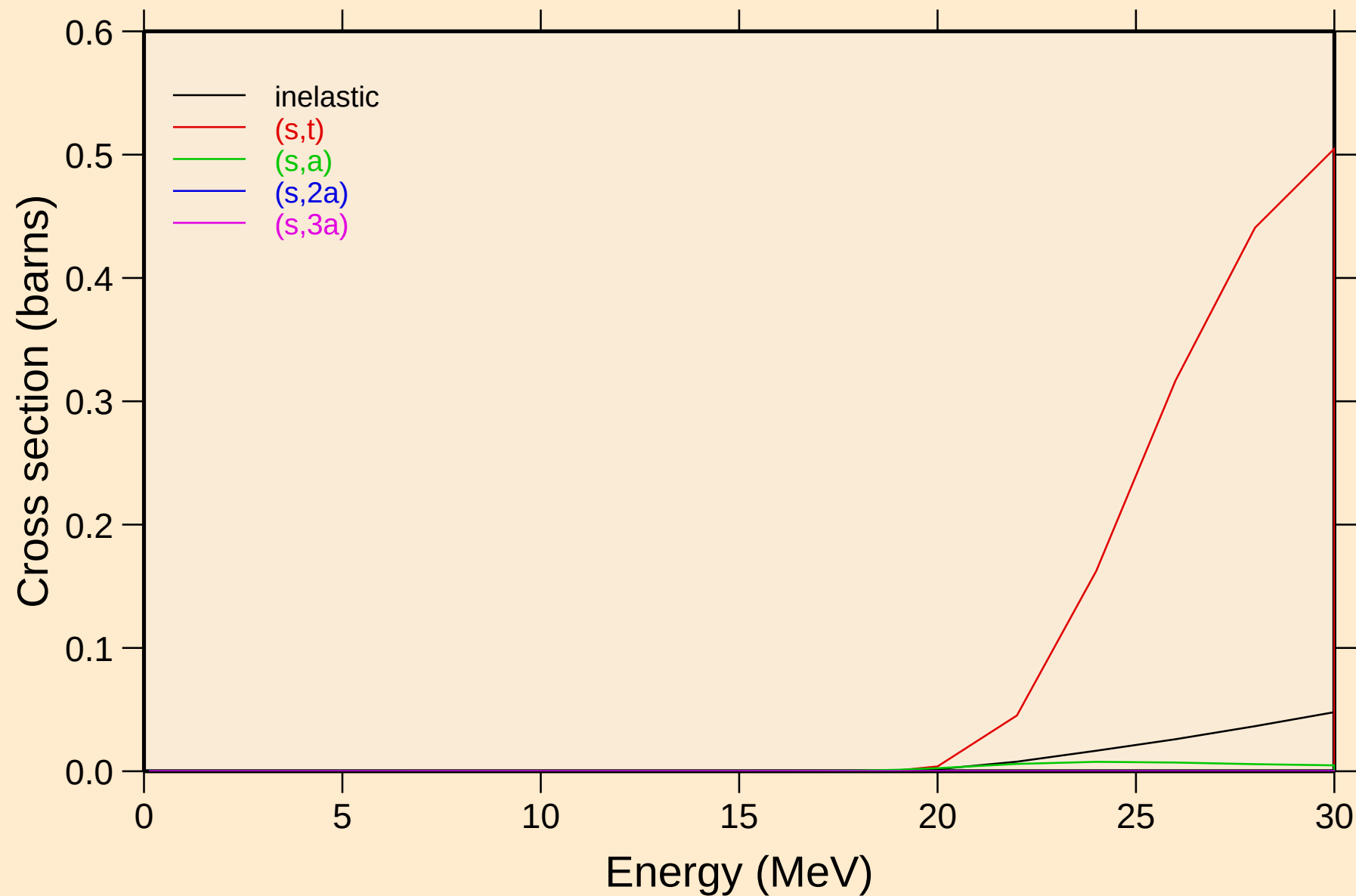
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



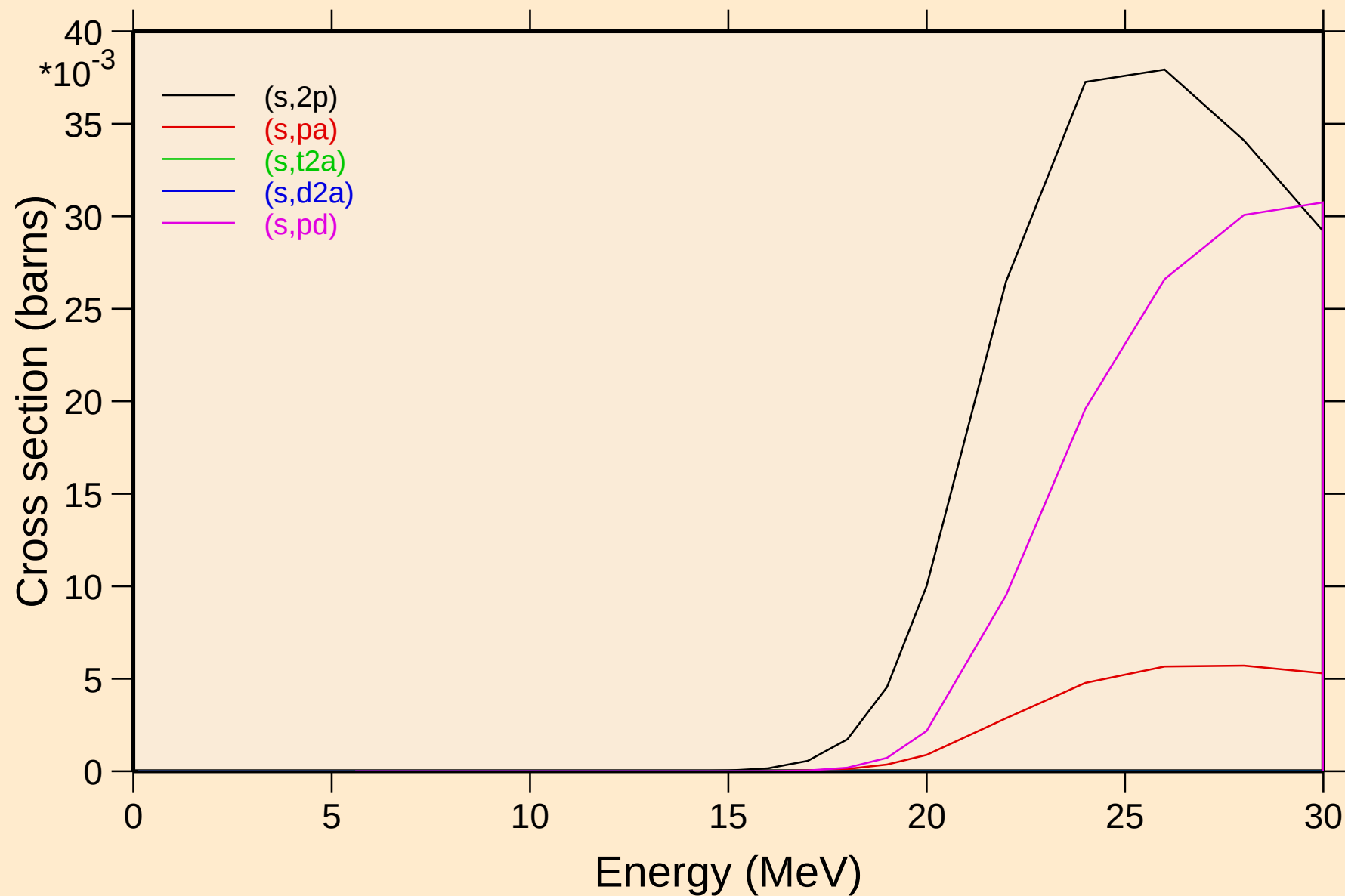
# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



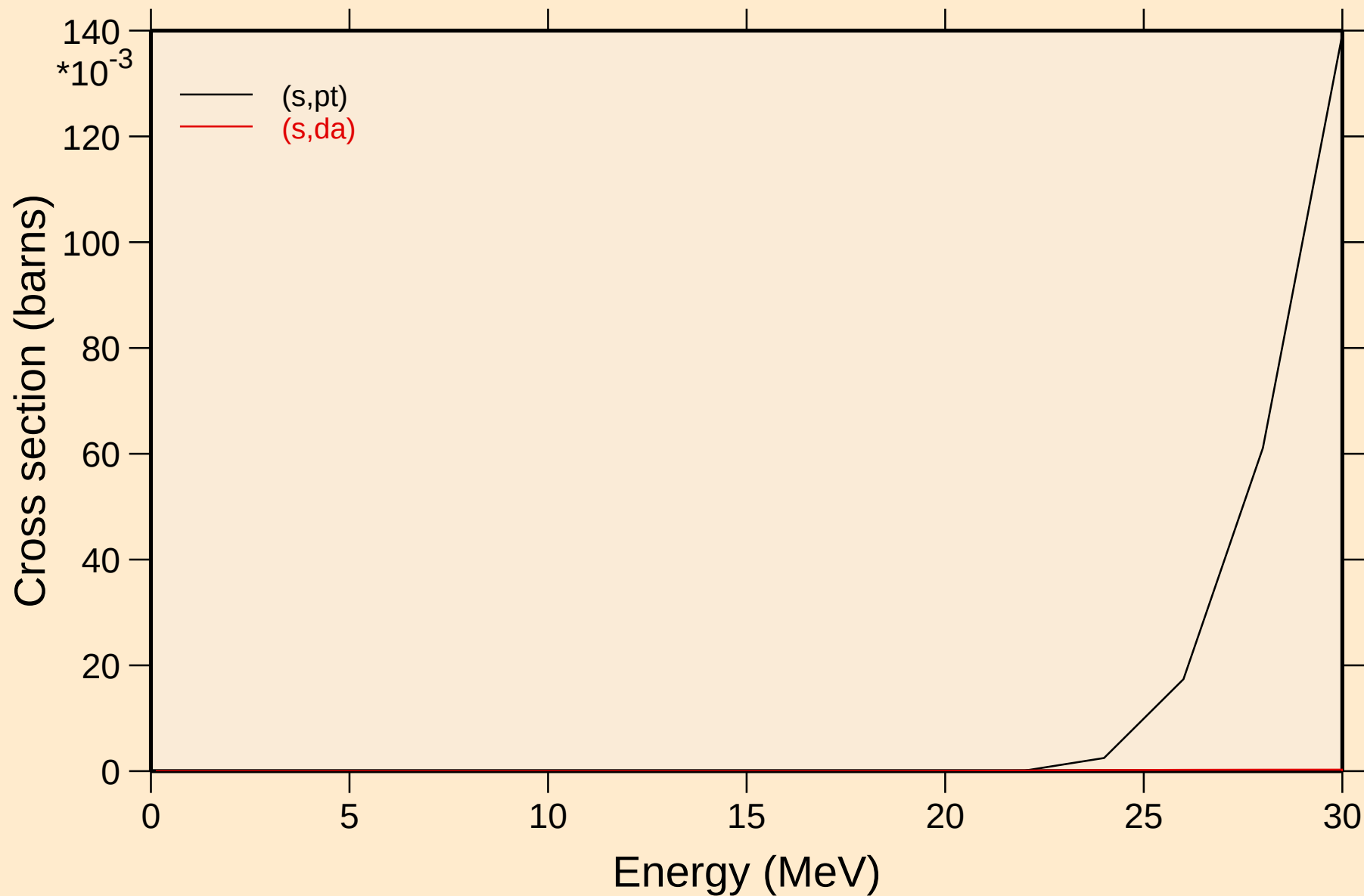
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## Threshold reactions

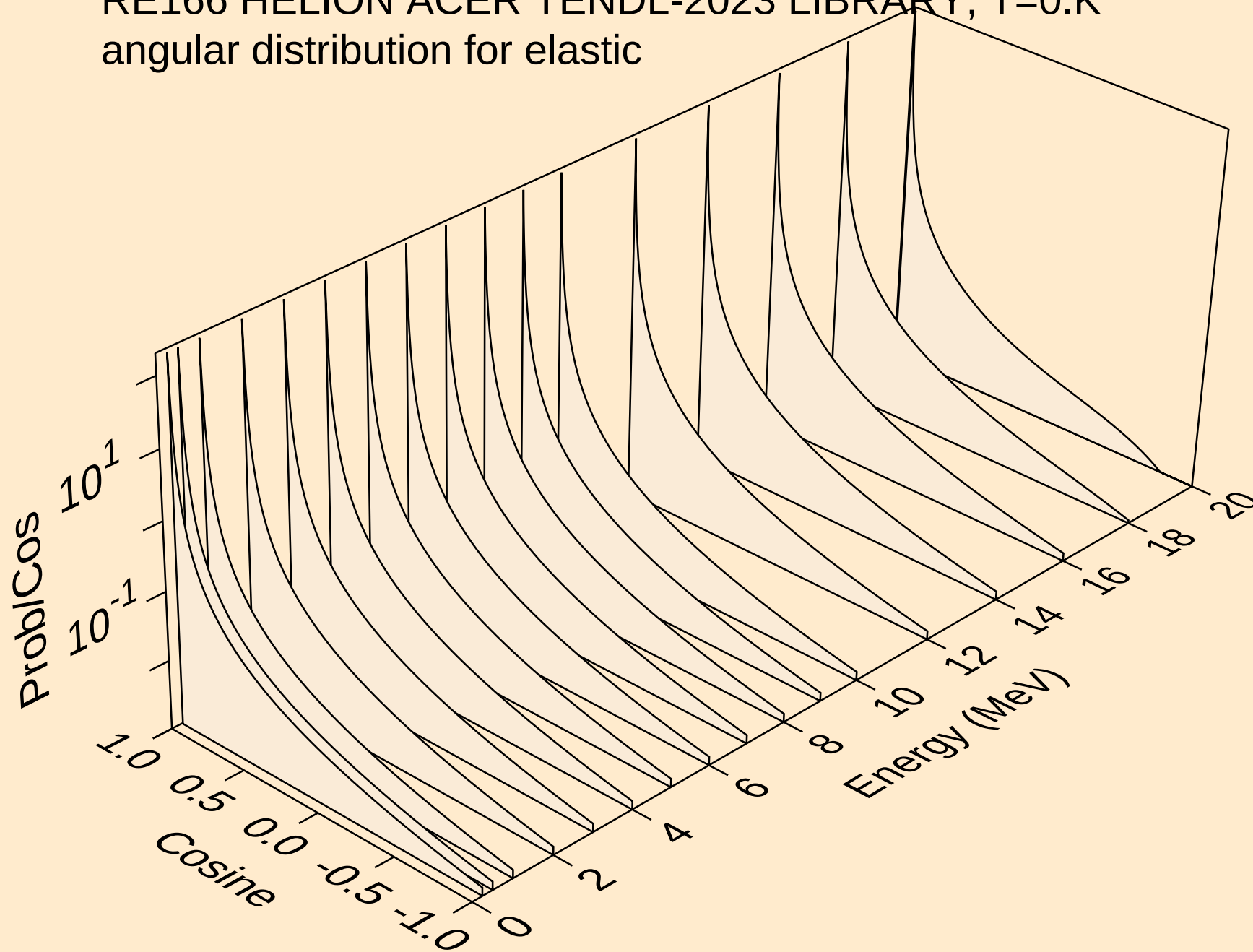


# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

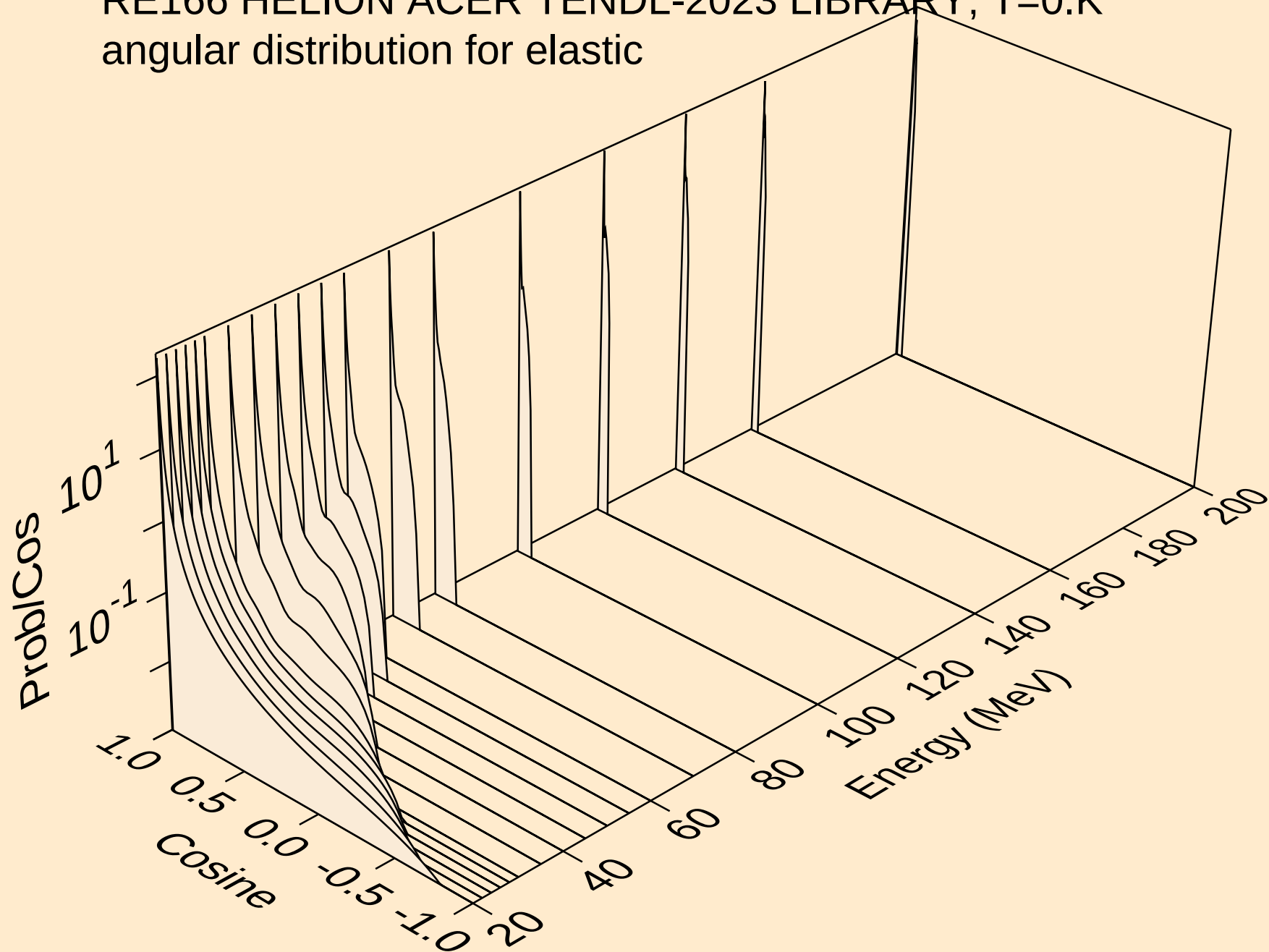
Threshold reactions



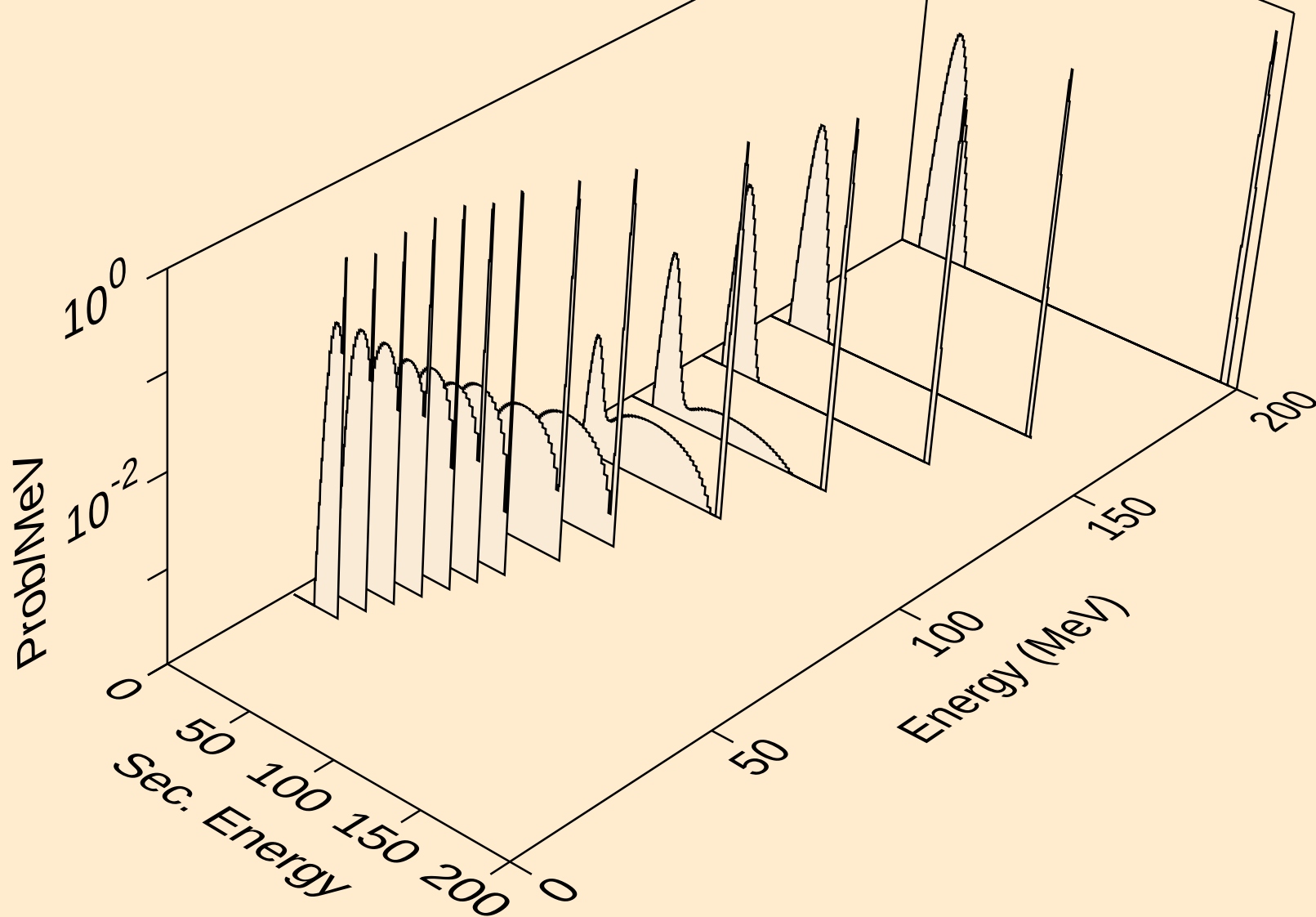
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



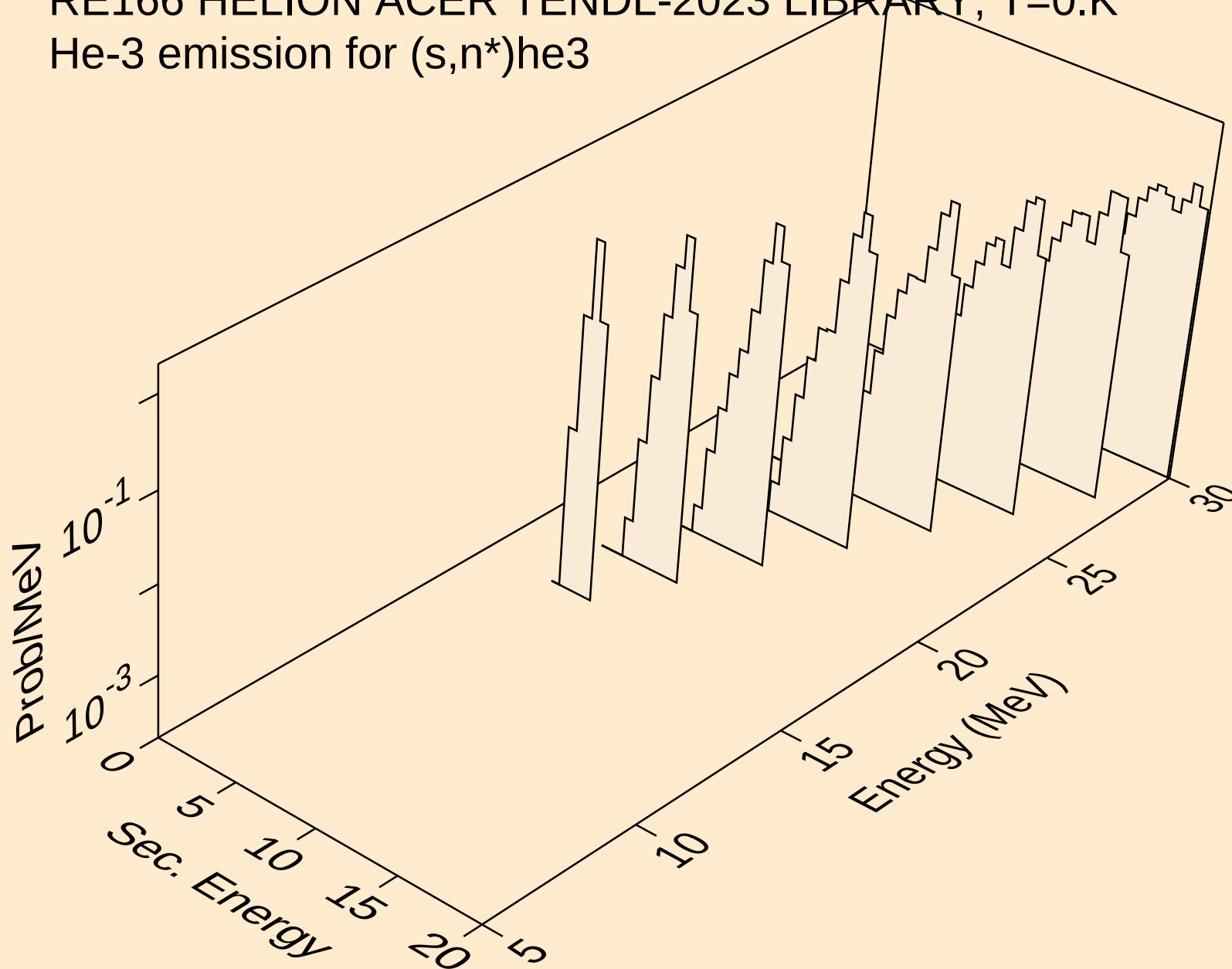
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

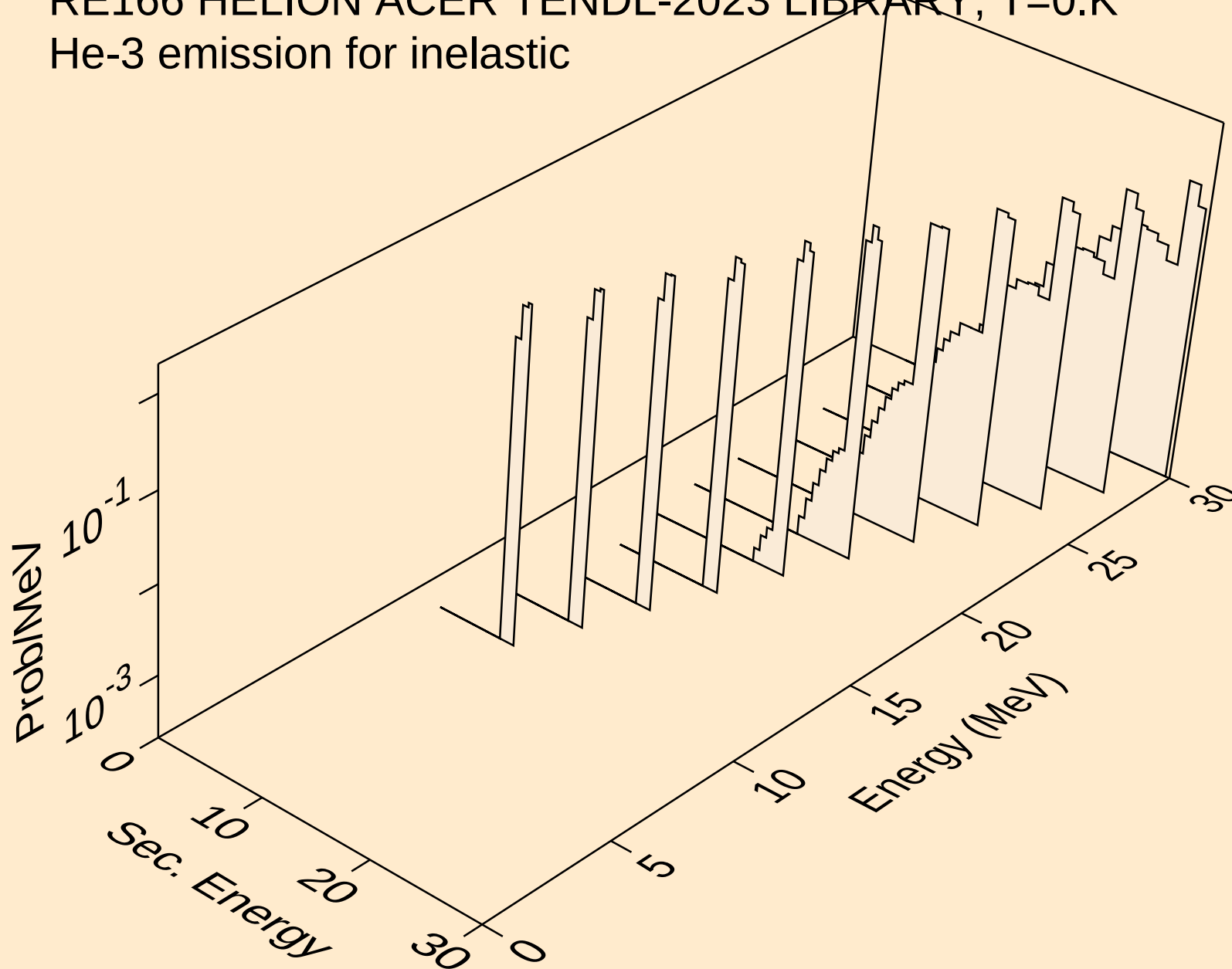


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

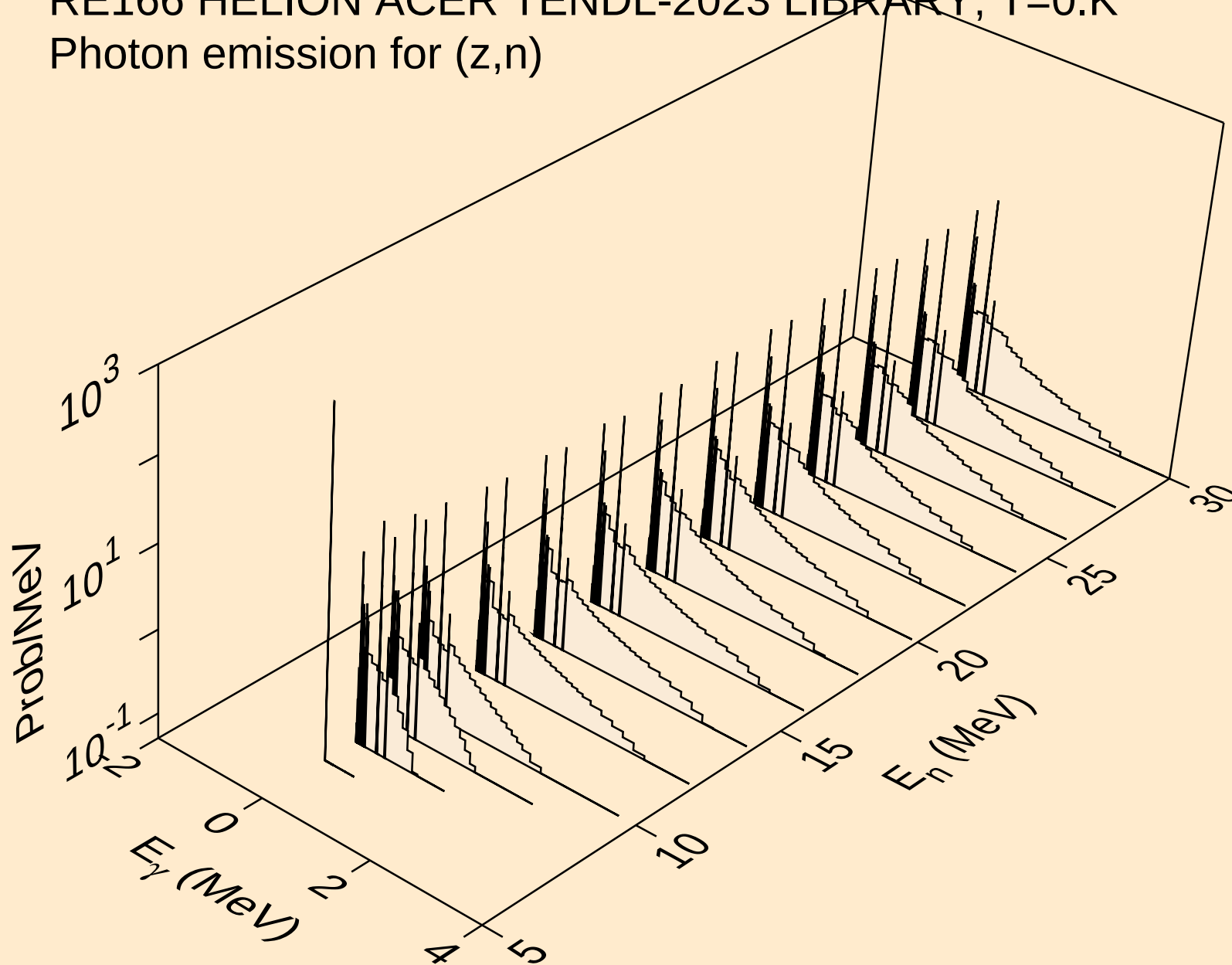




RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

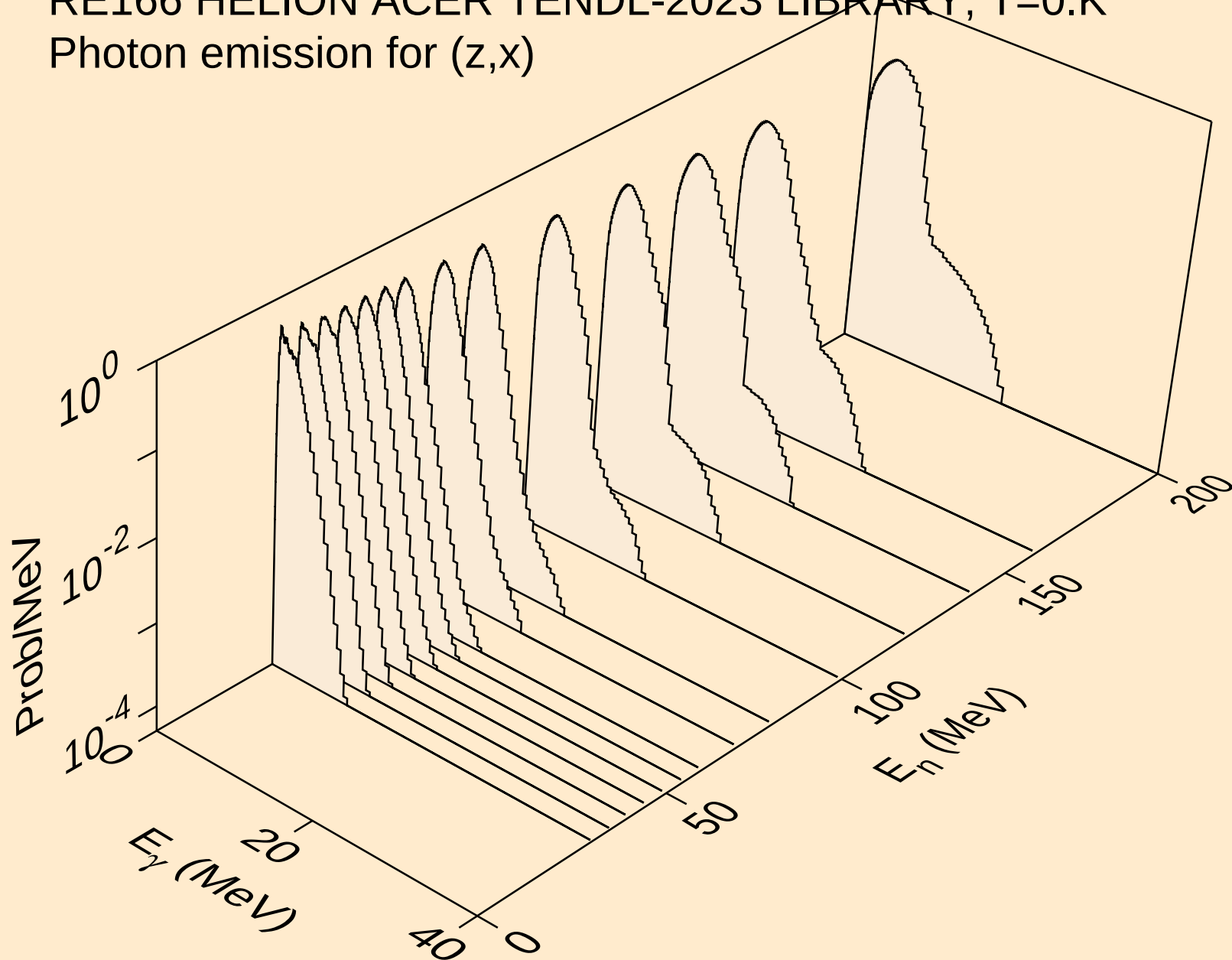


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

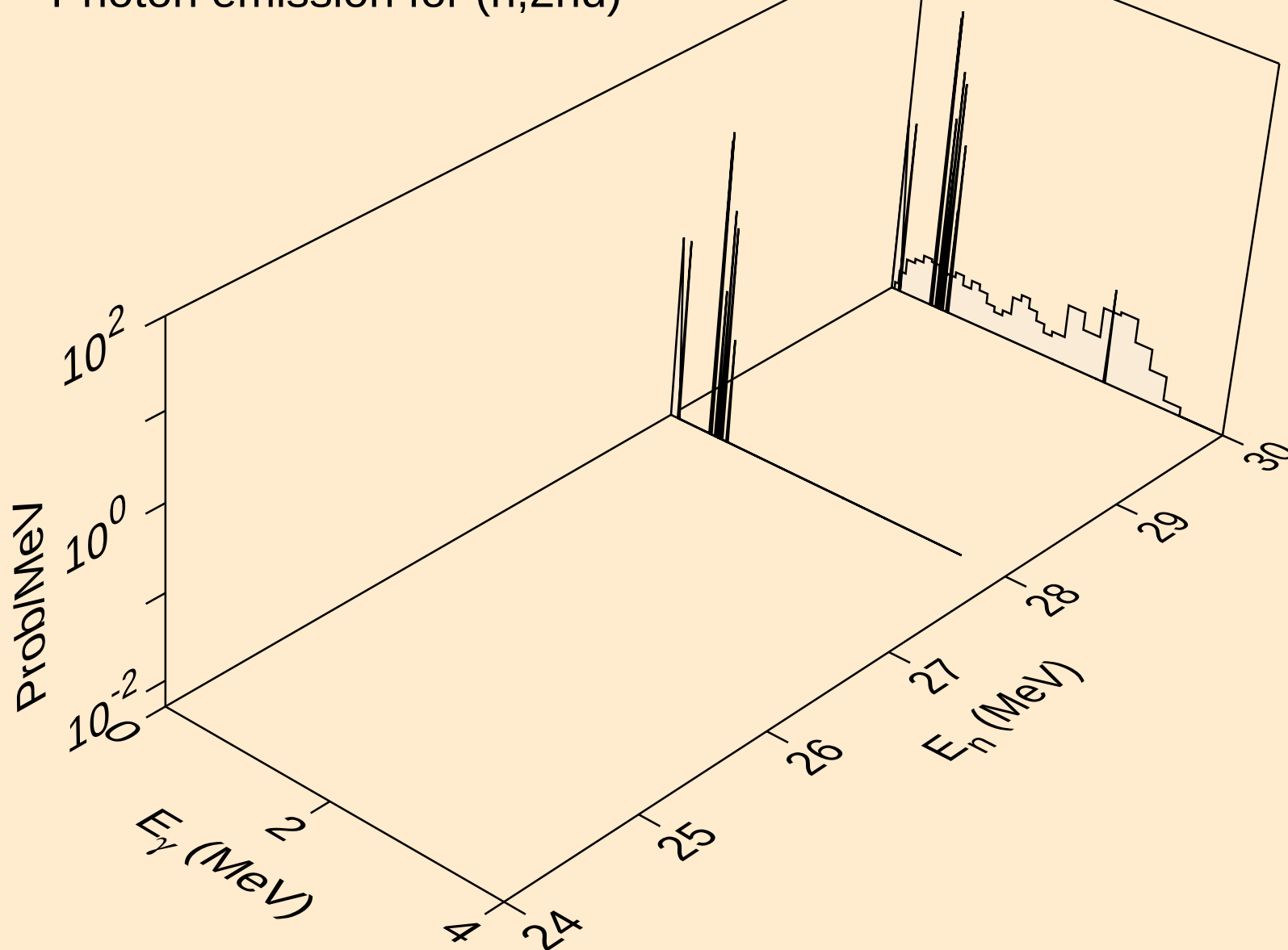


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

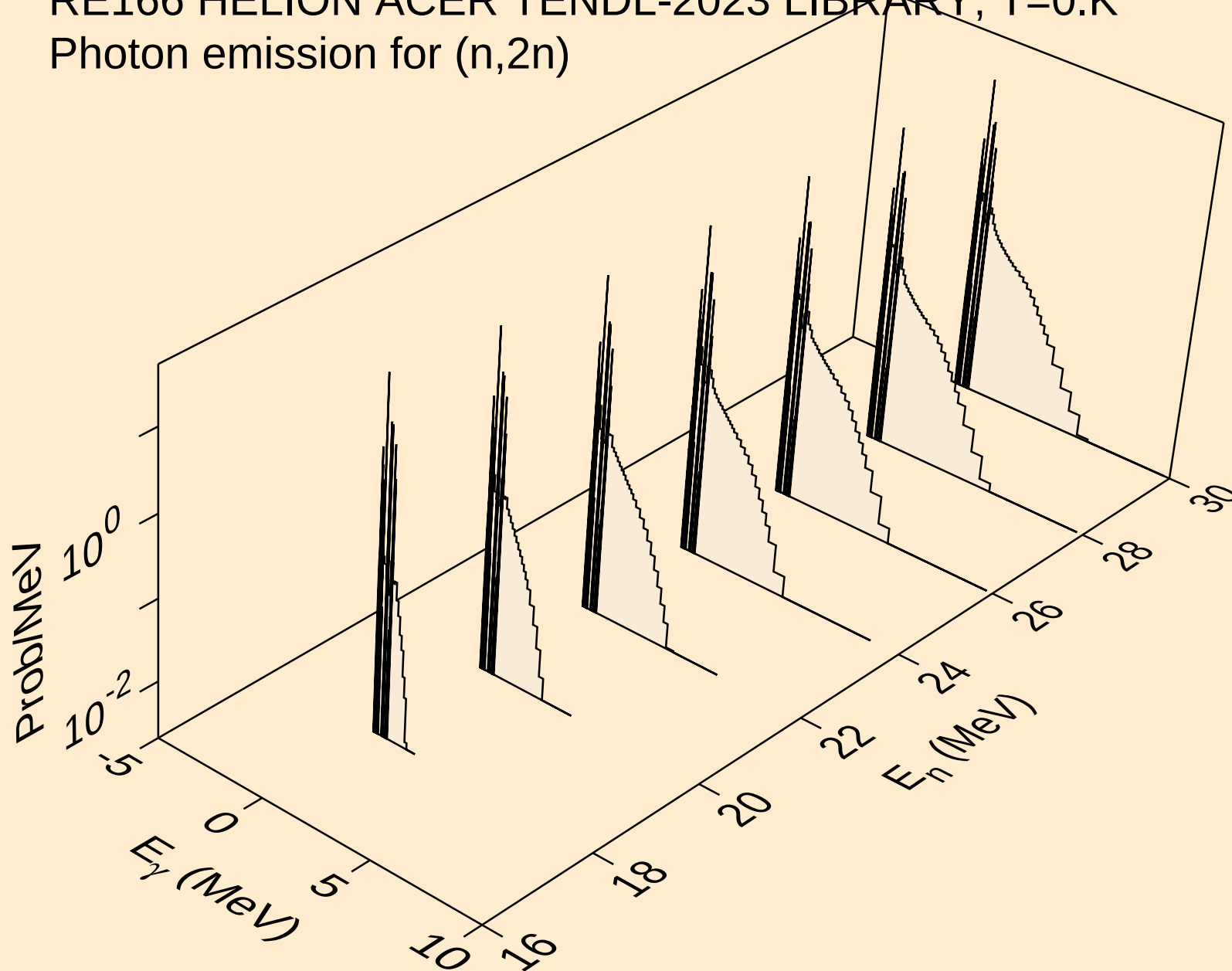
Photon emission for (z,x)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

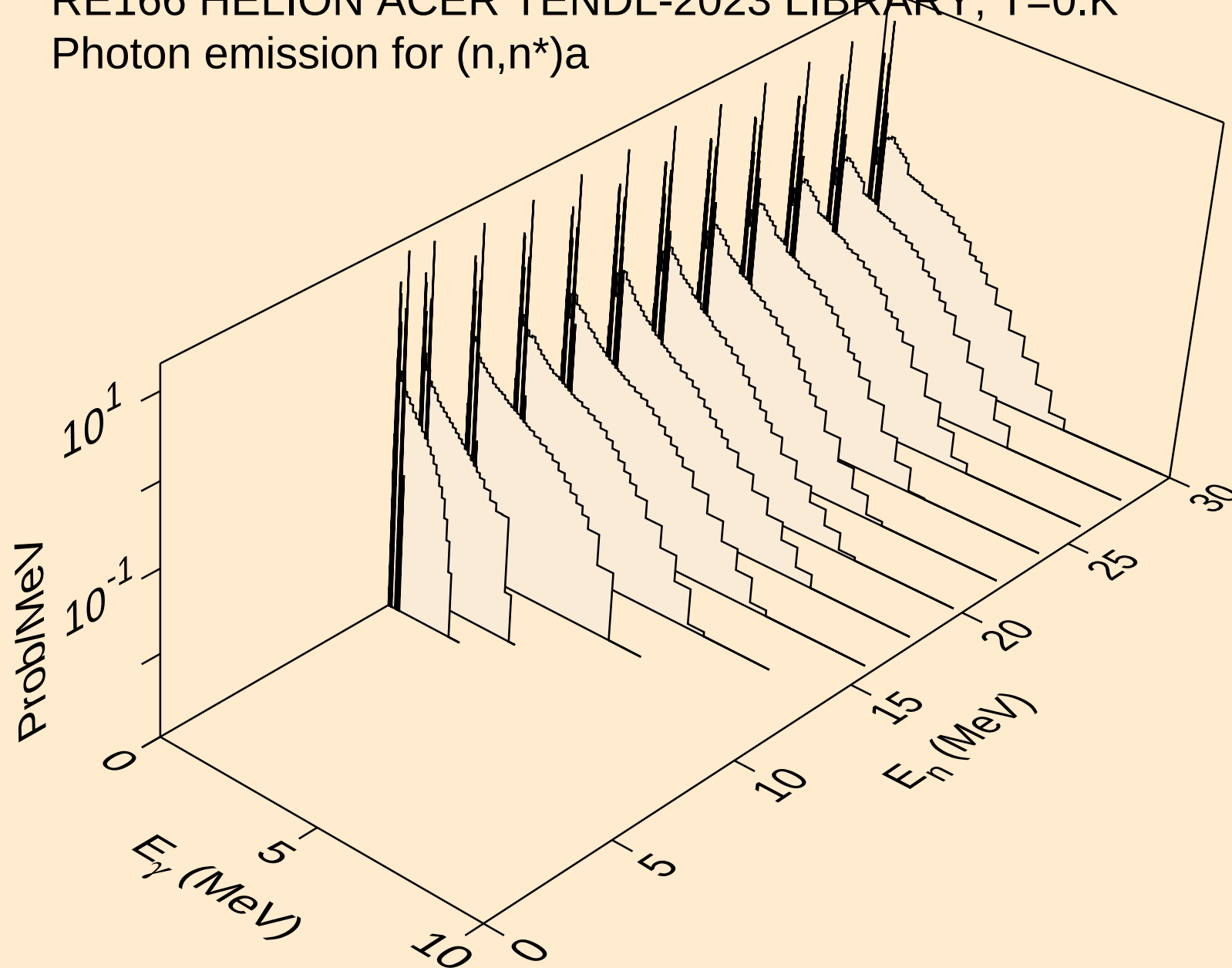


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



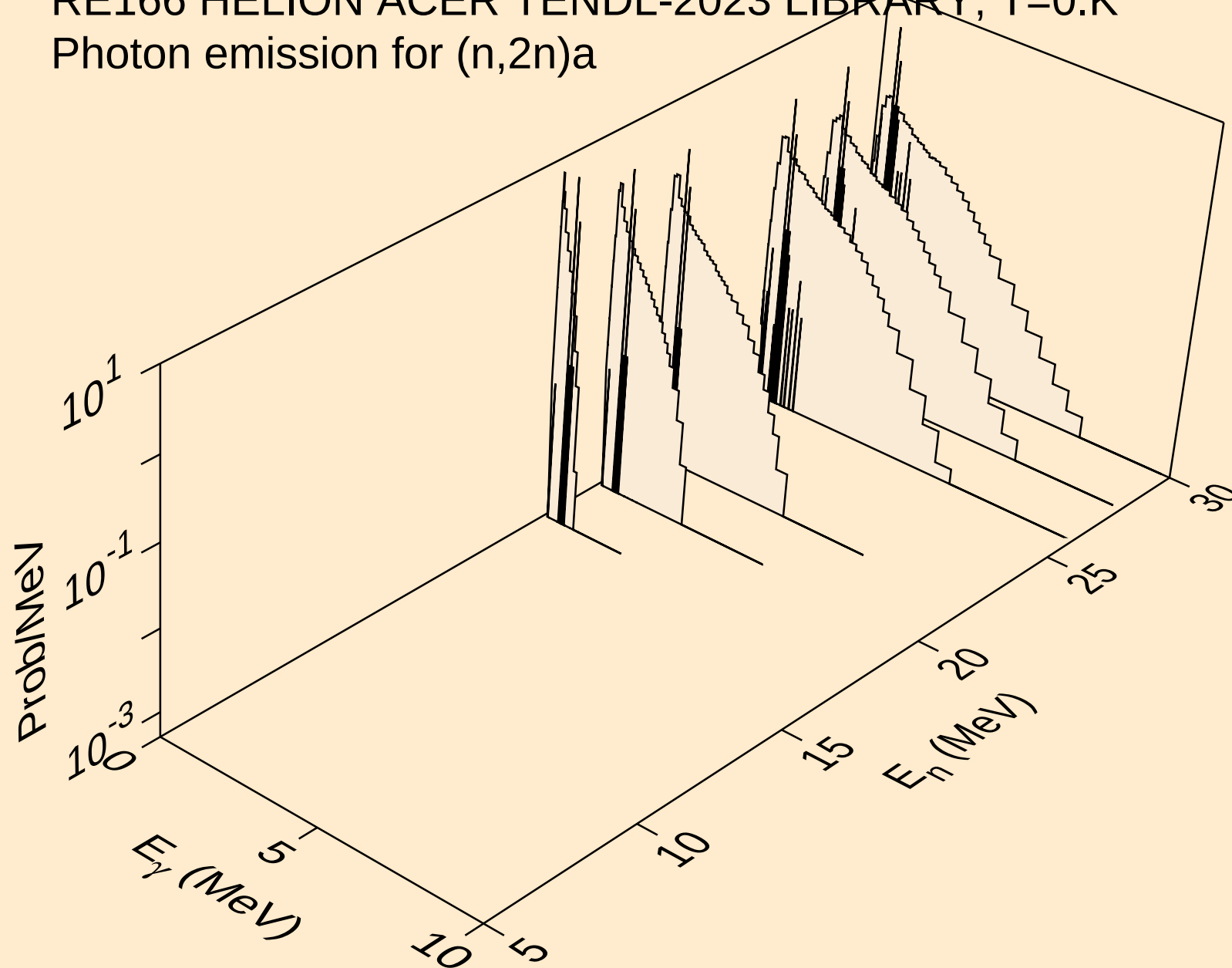
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



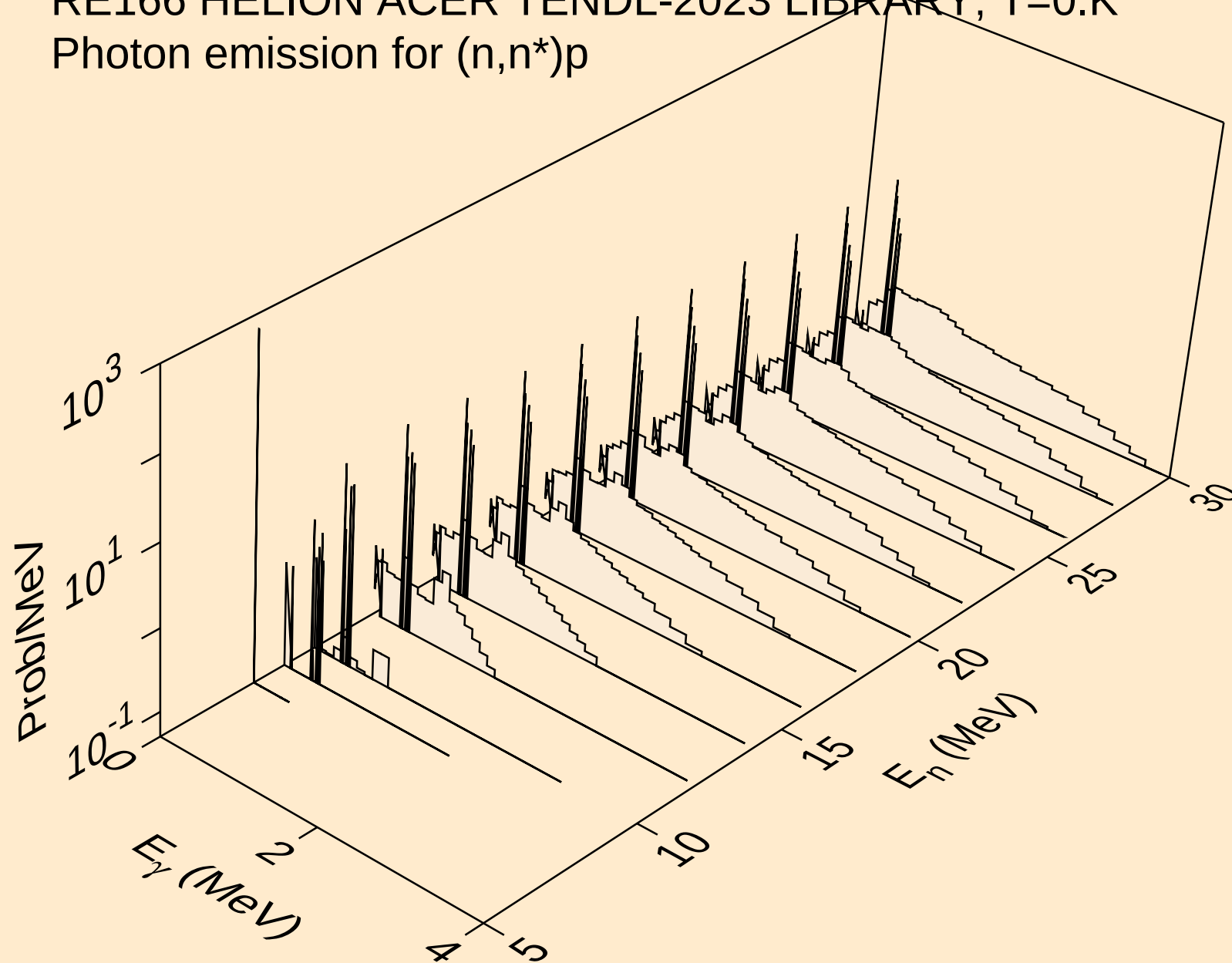
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

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



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

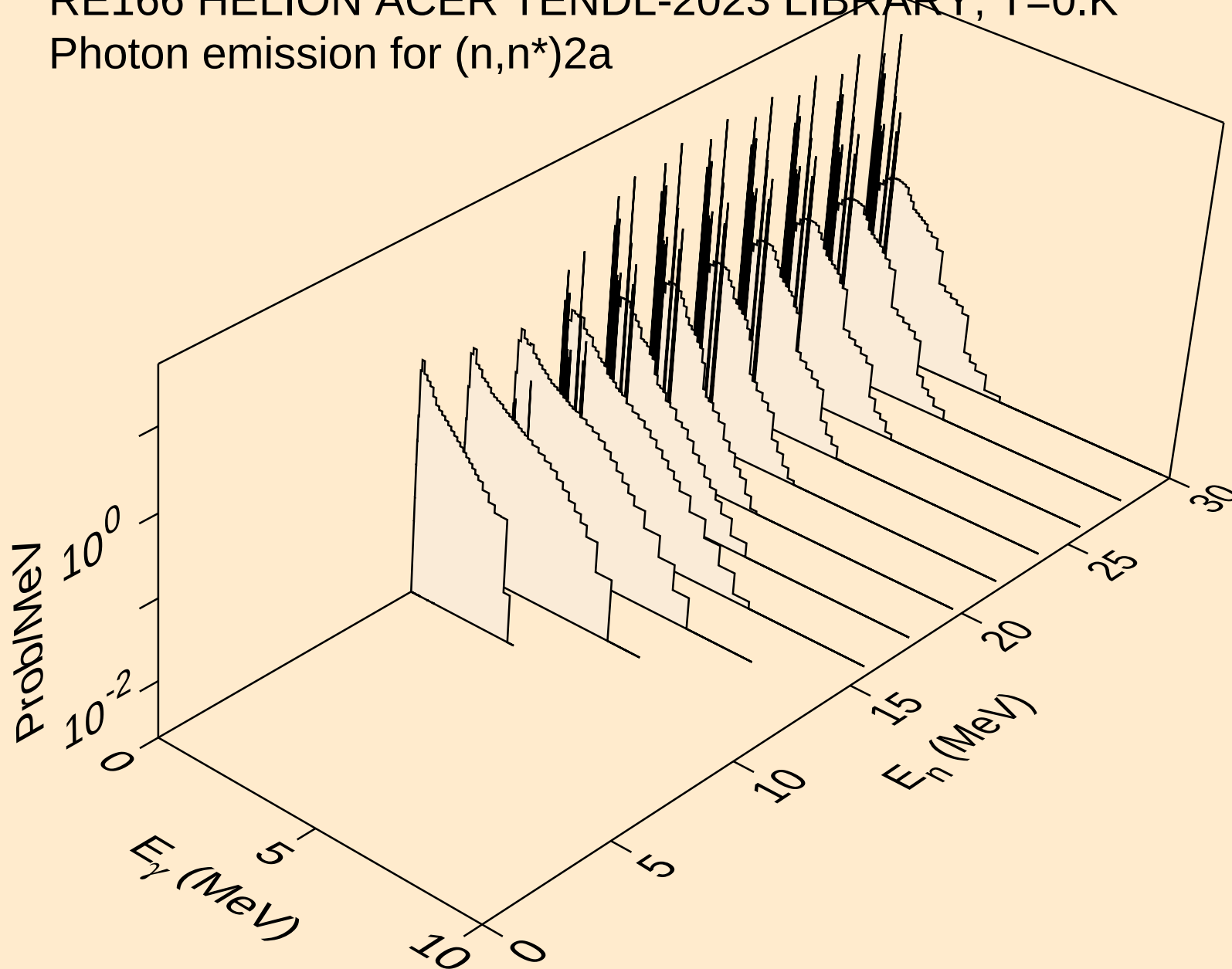
Photon emission for (n,n\*)p





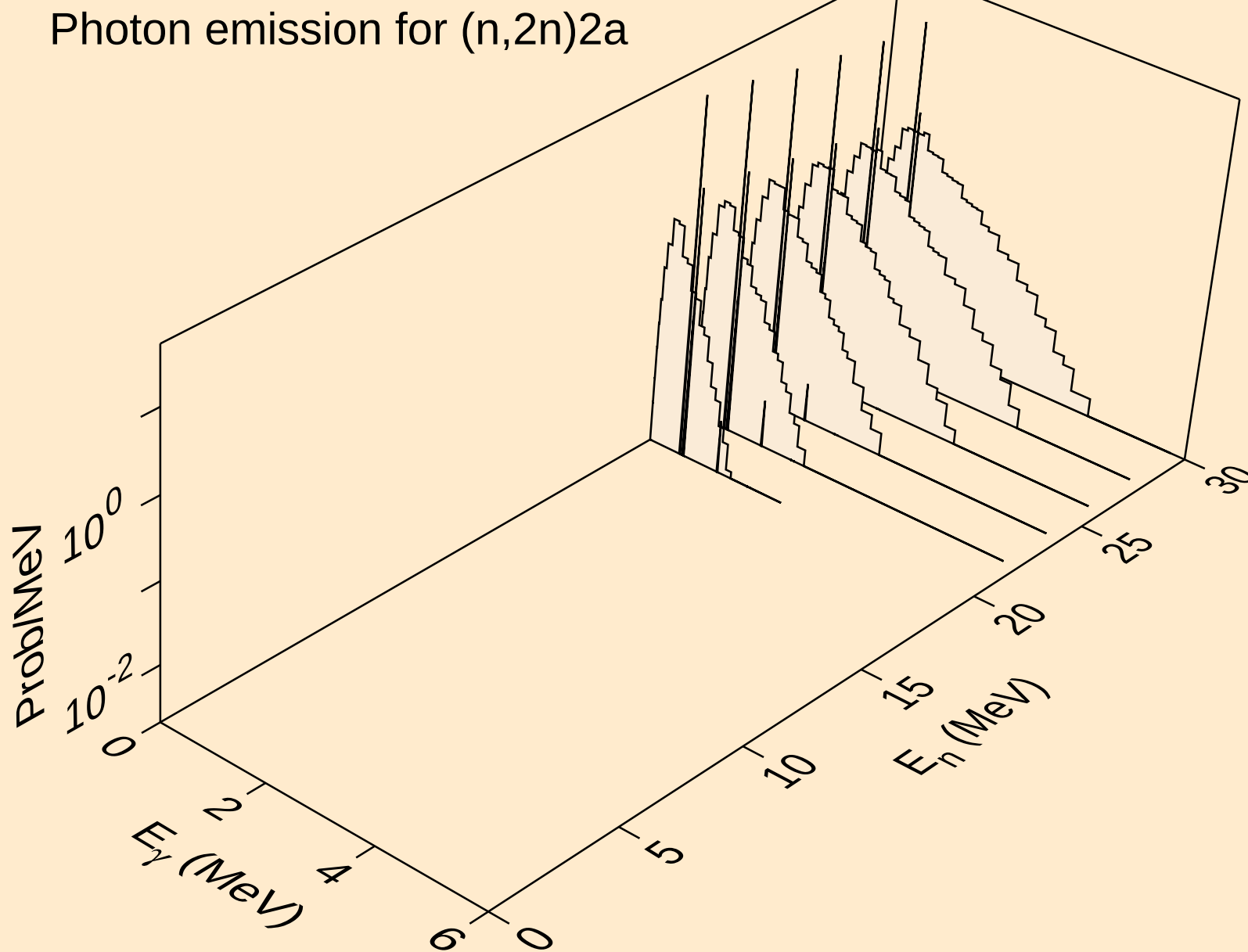
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

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



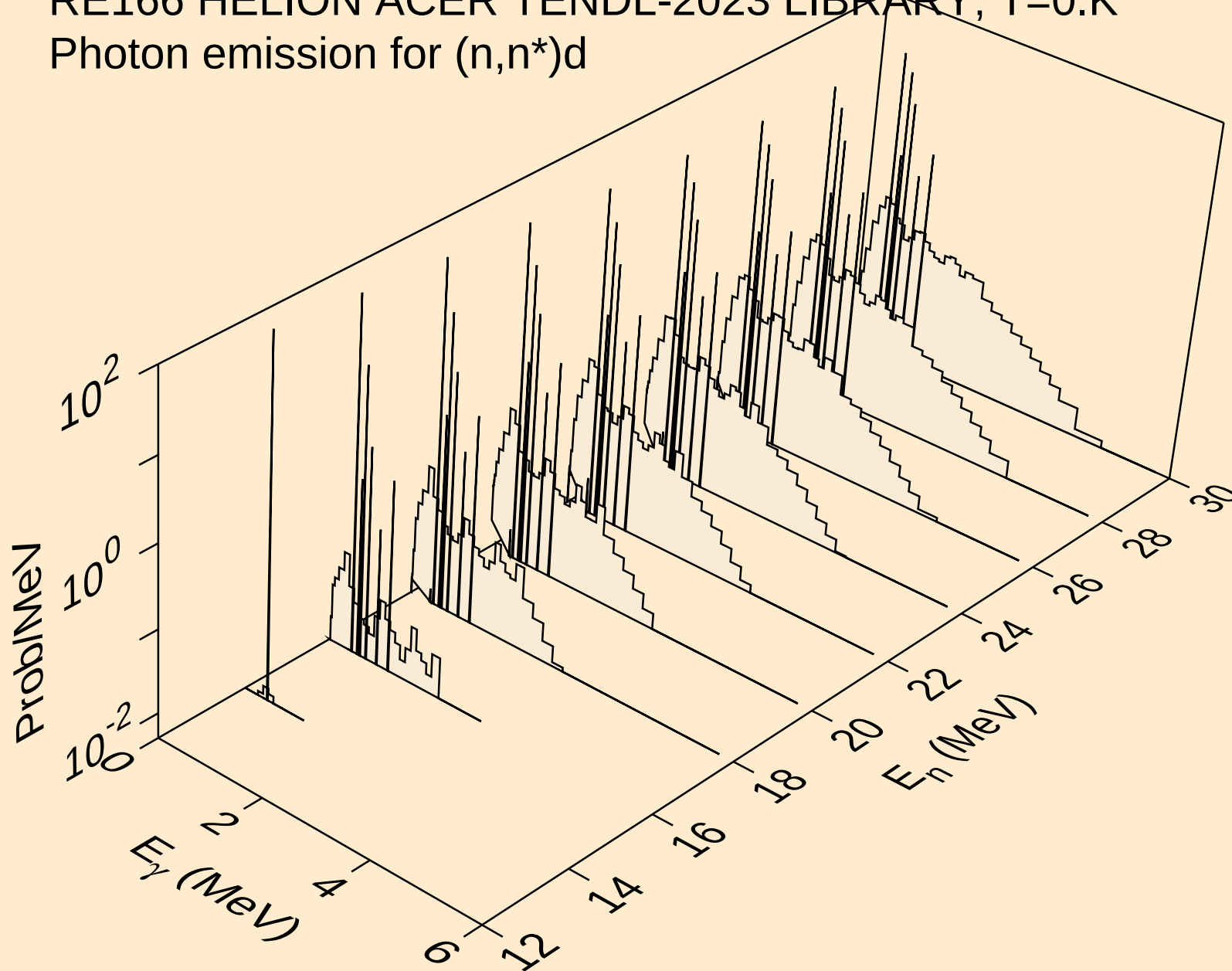
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Photon emission for (n,2n)2a



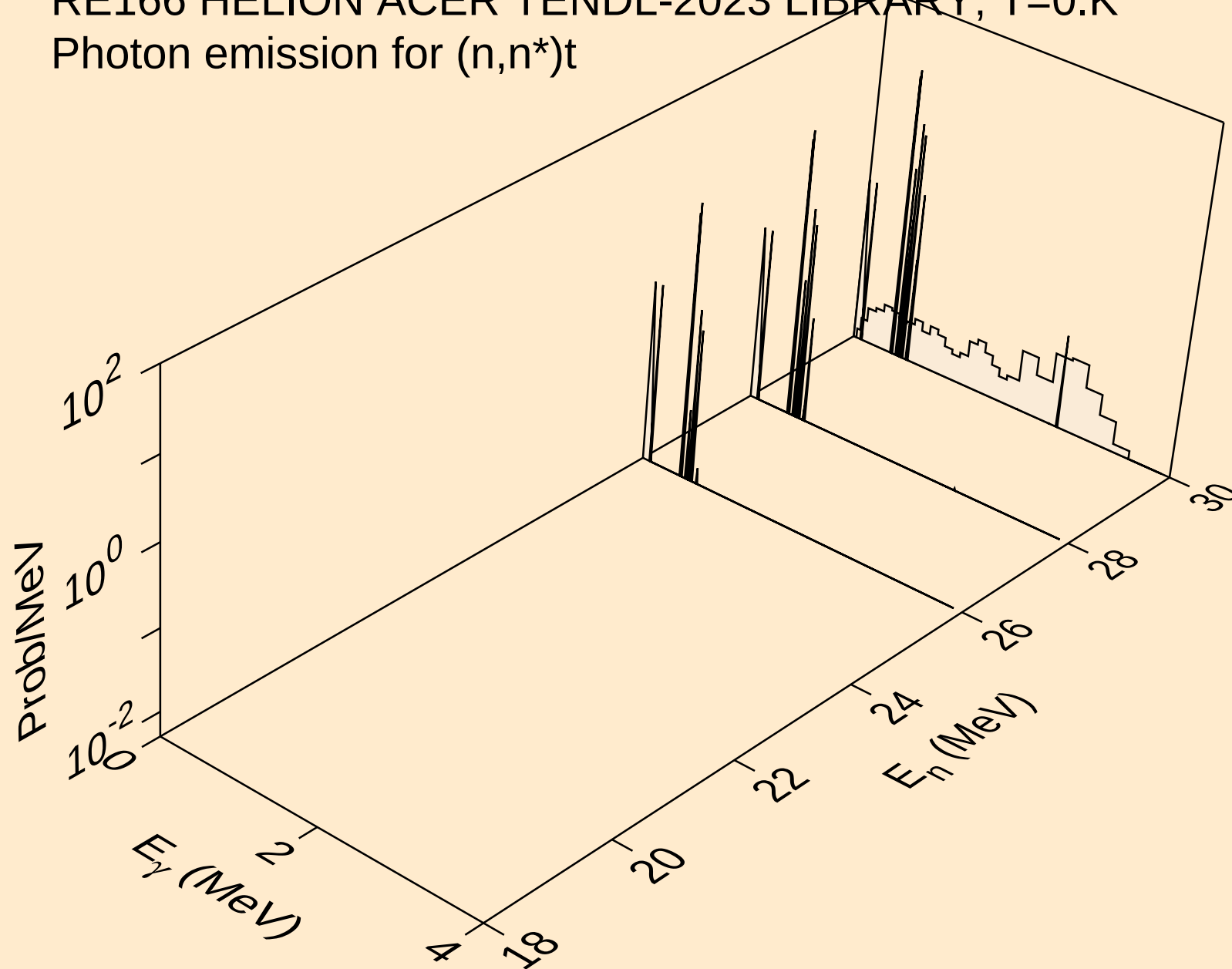
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

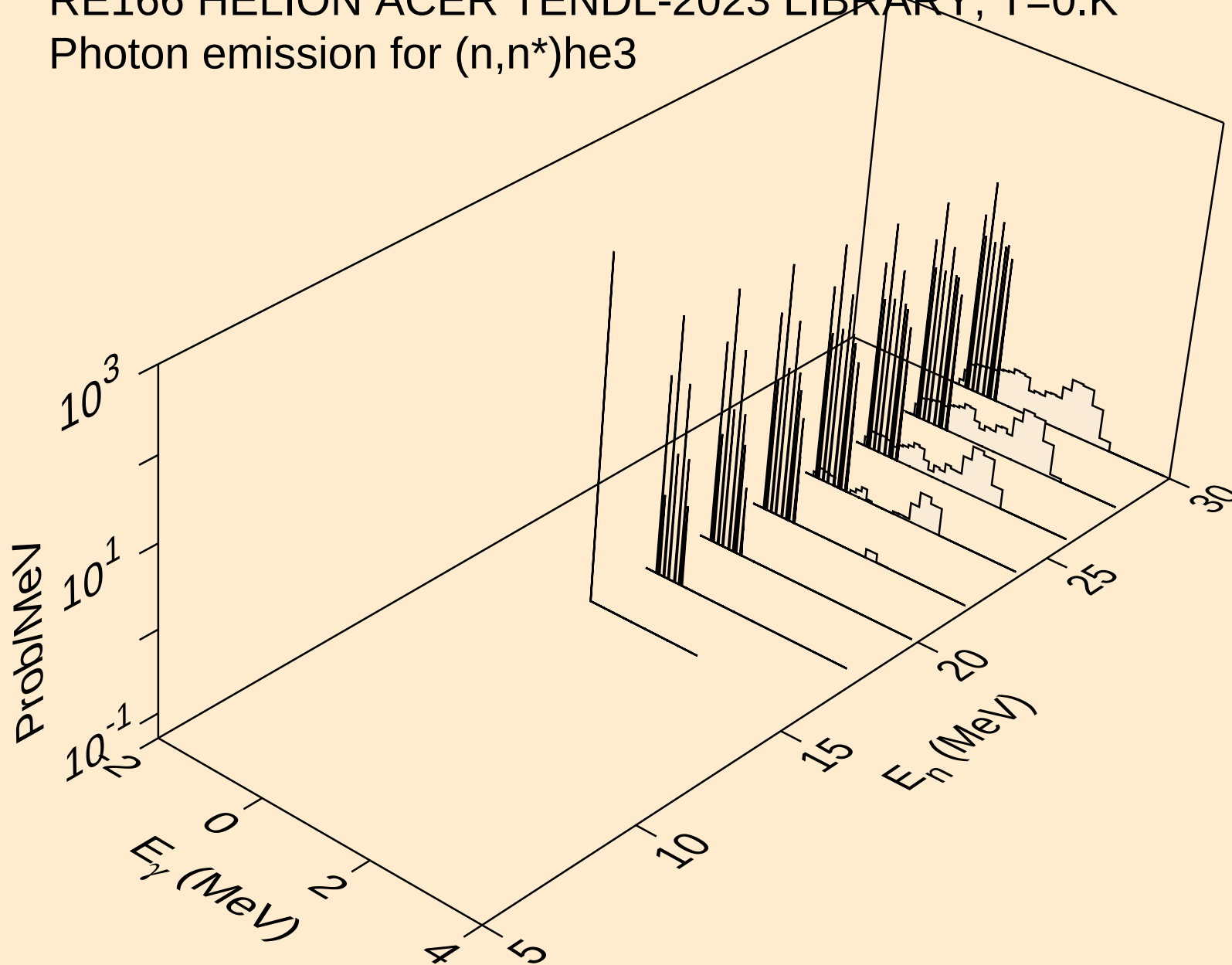


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

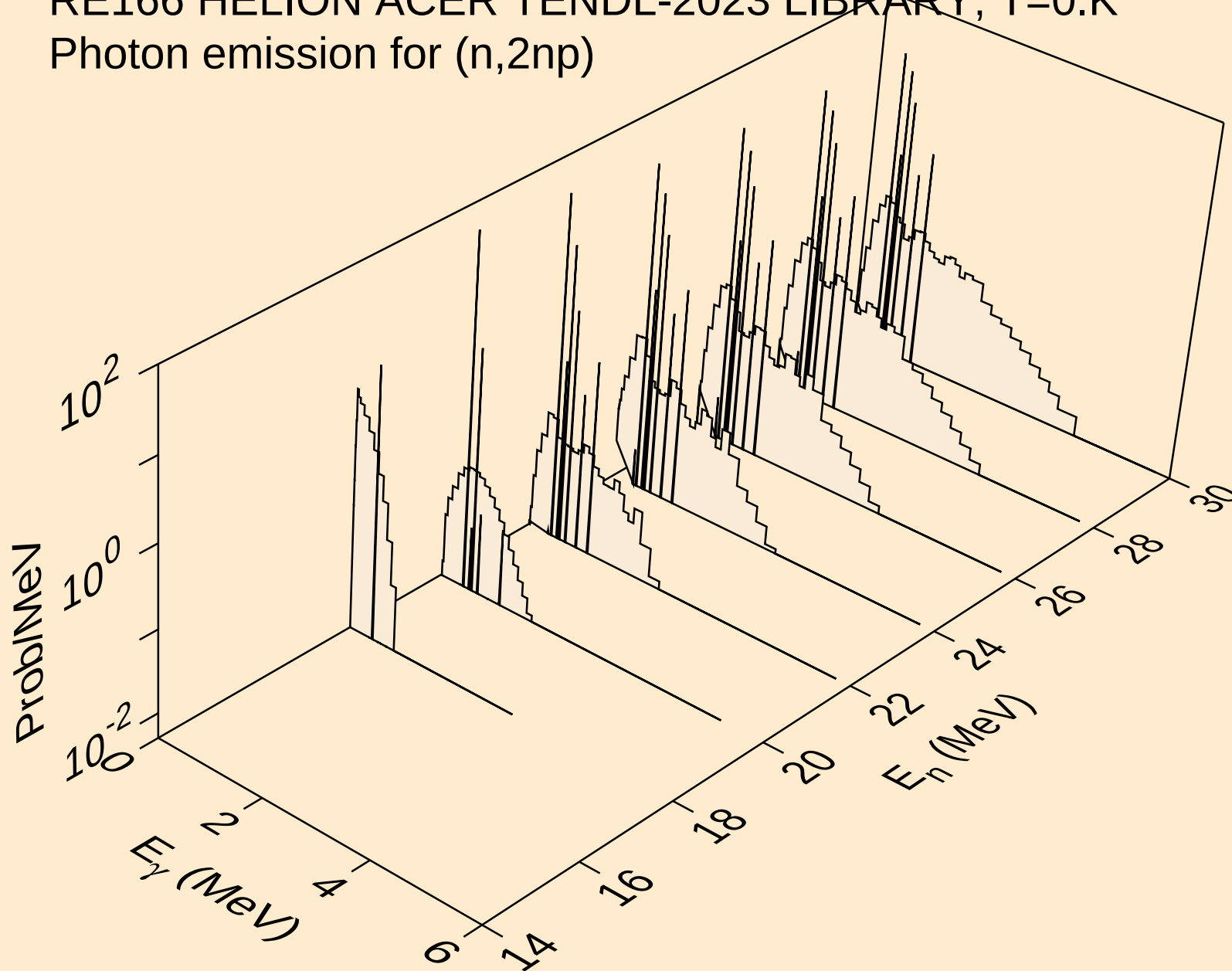
Photon emission for (n,n\*)t



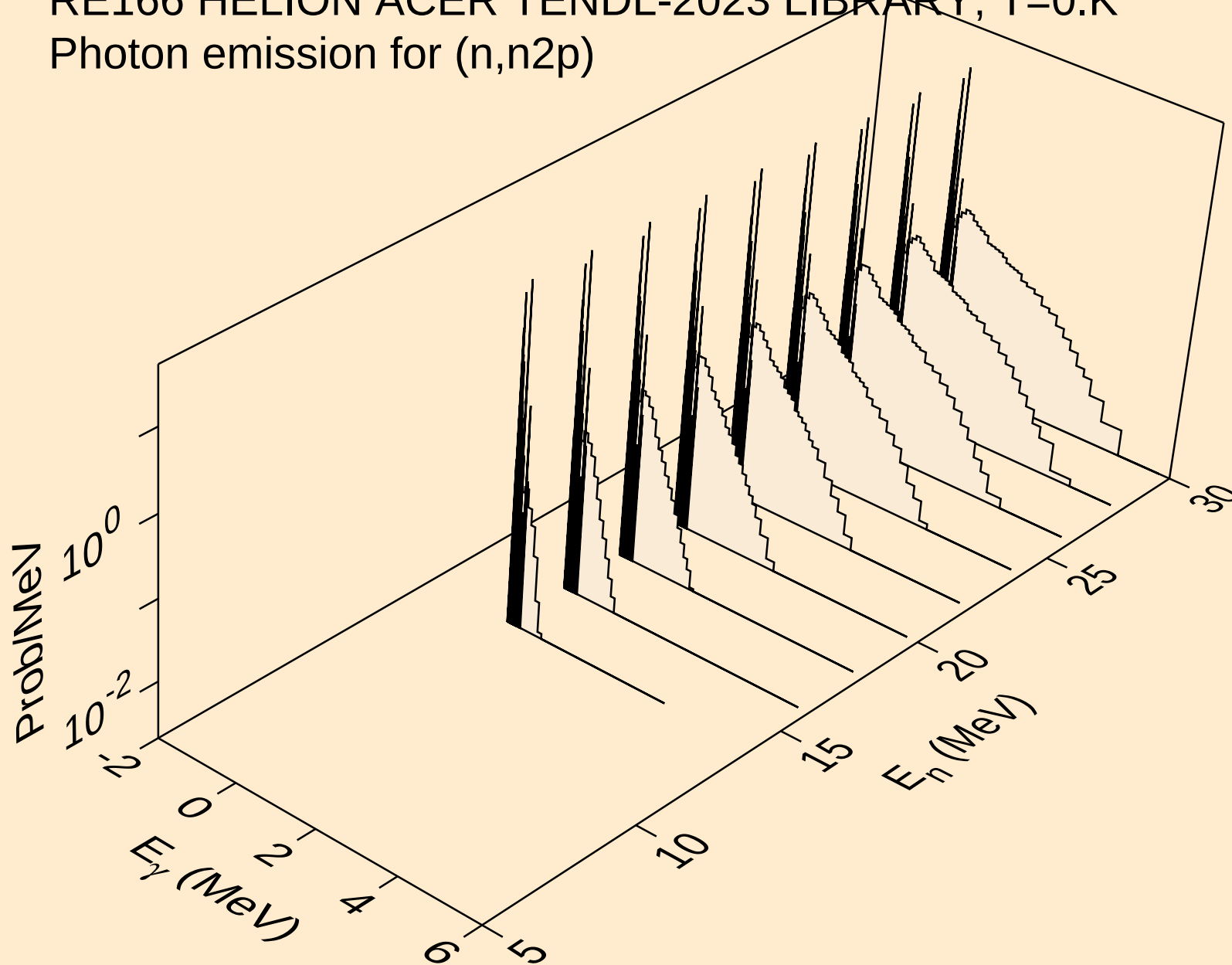
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

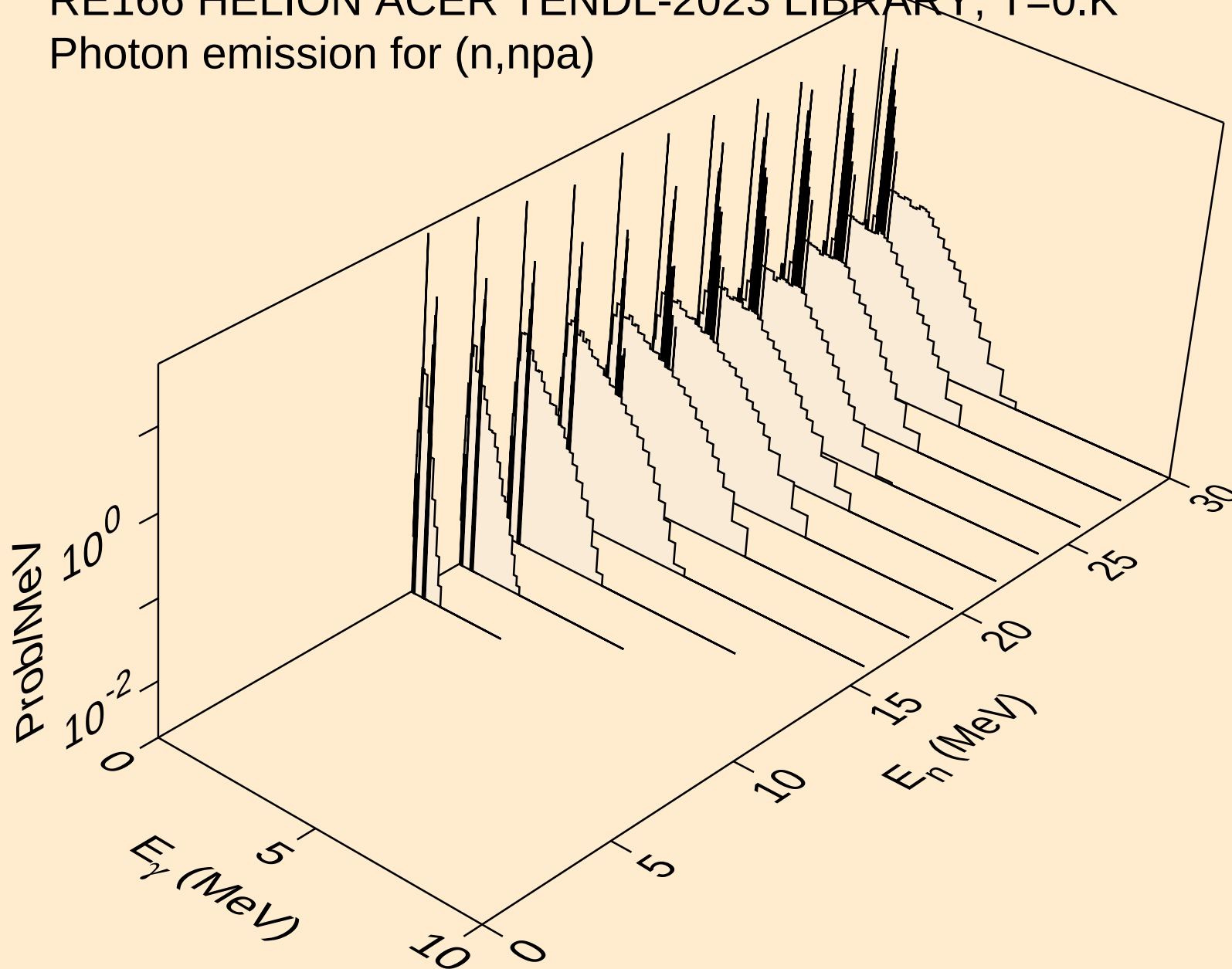


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



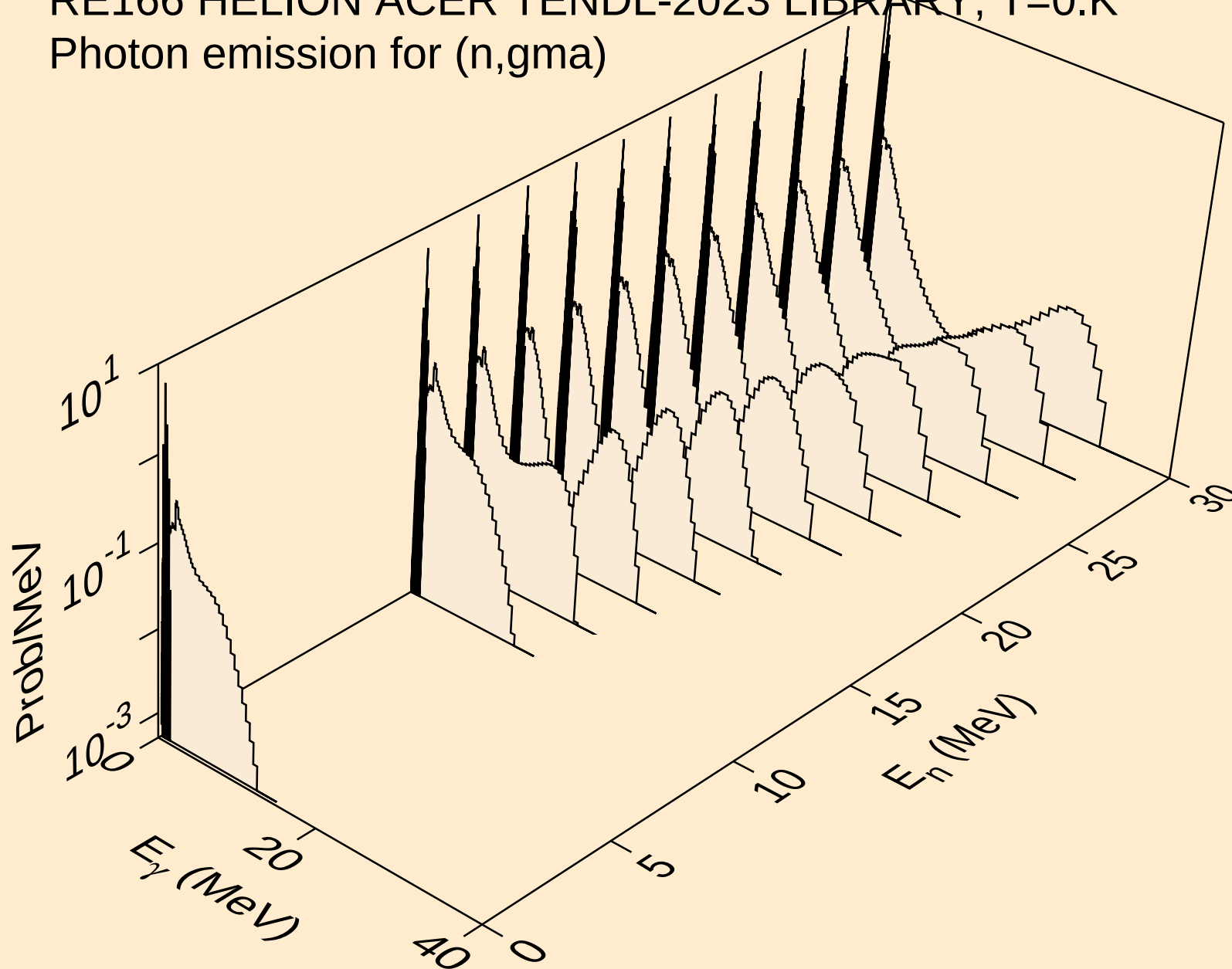
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Photon emission for (n,npa)



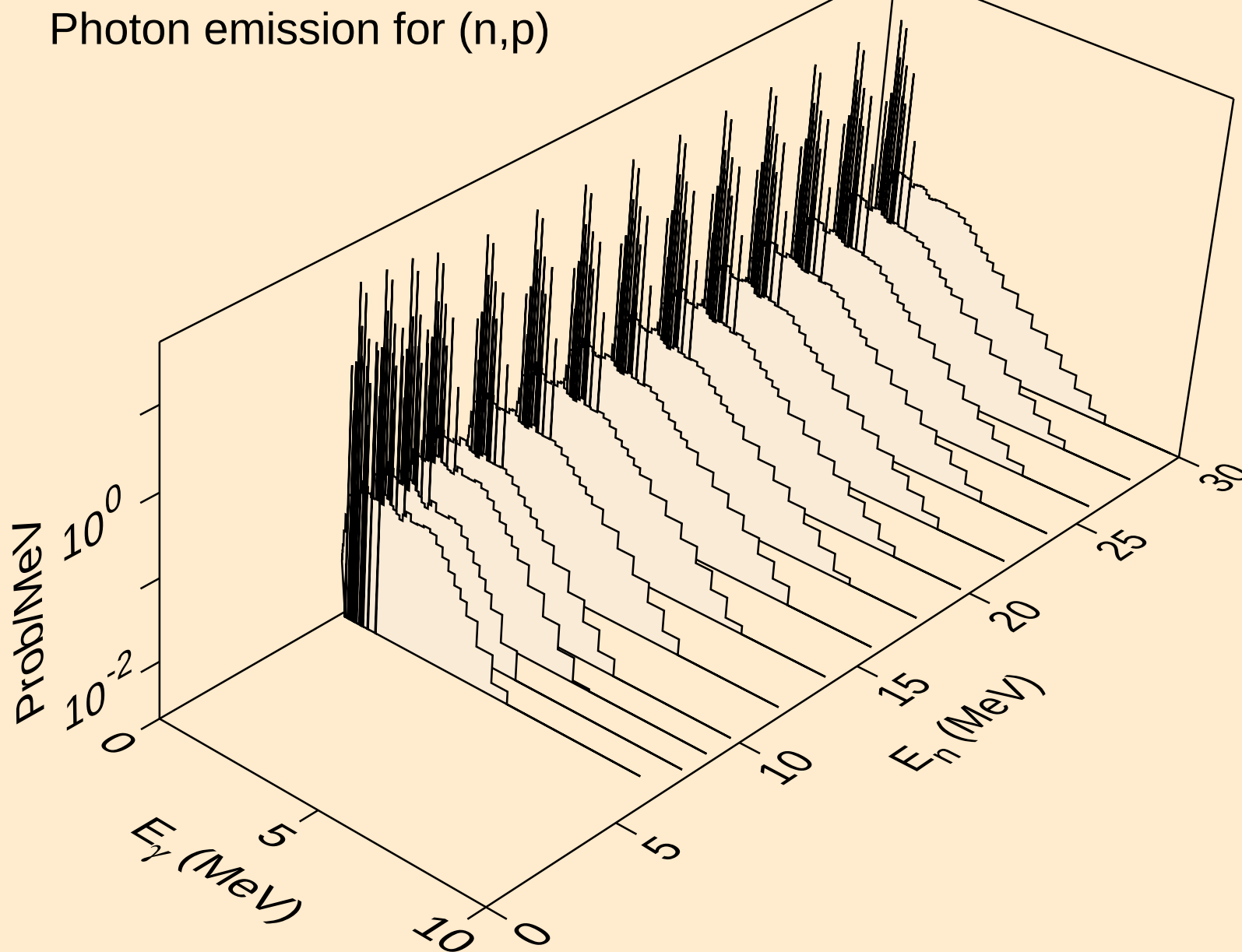


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Photon emission for (n,gma)

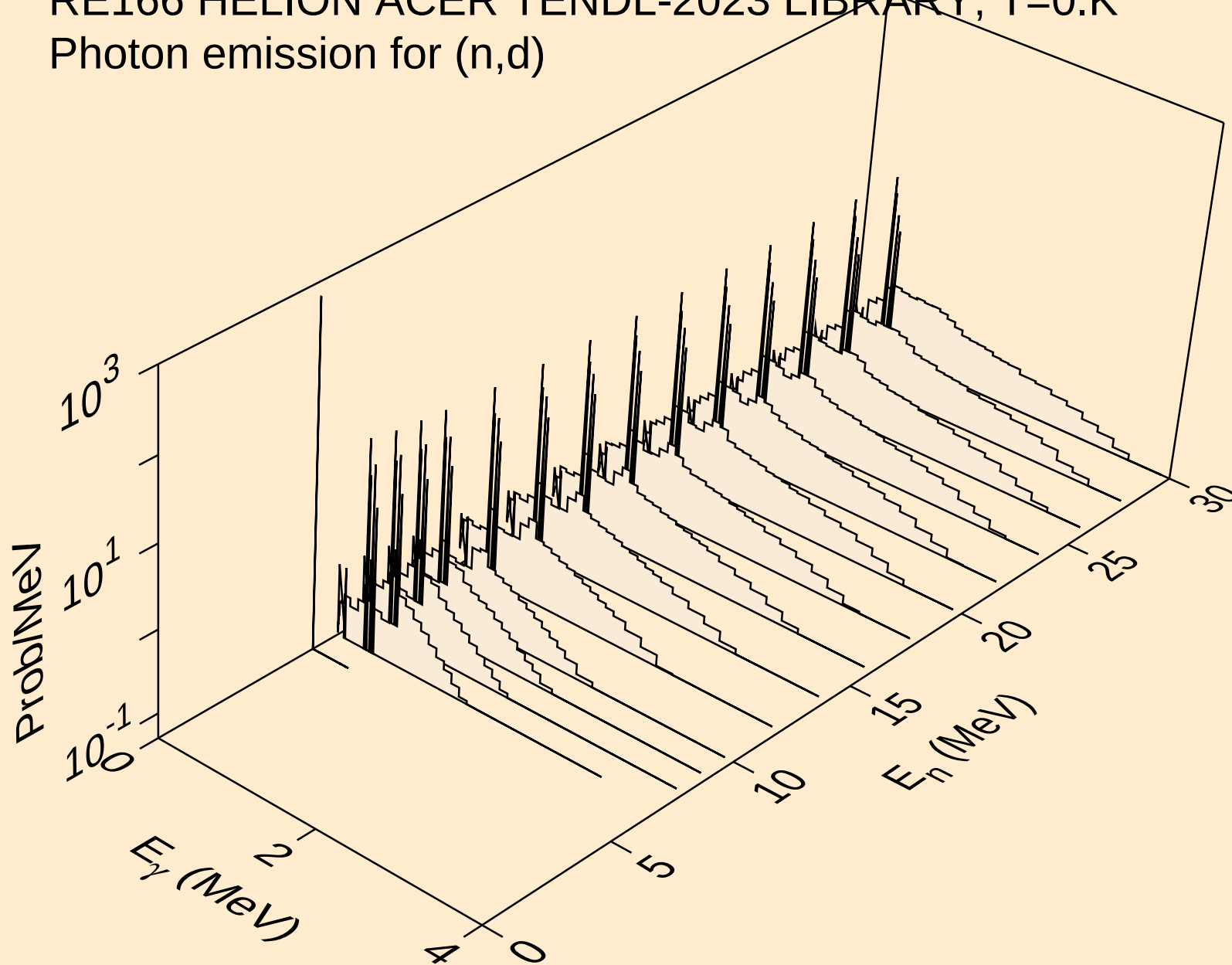


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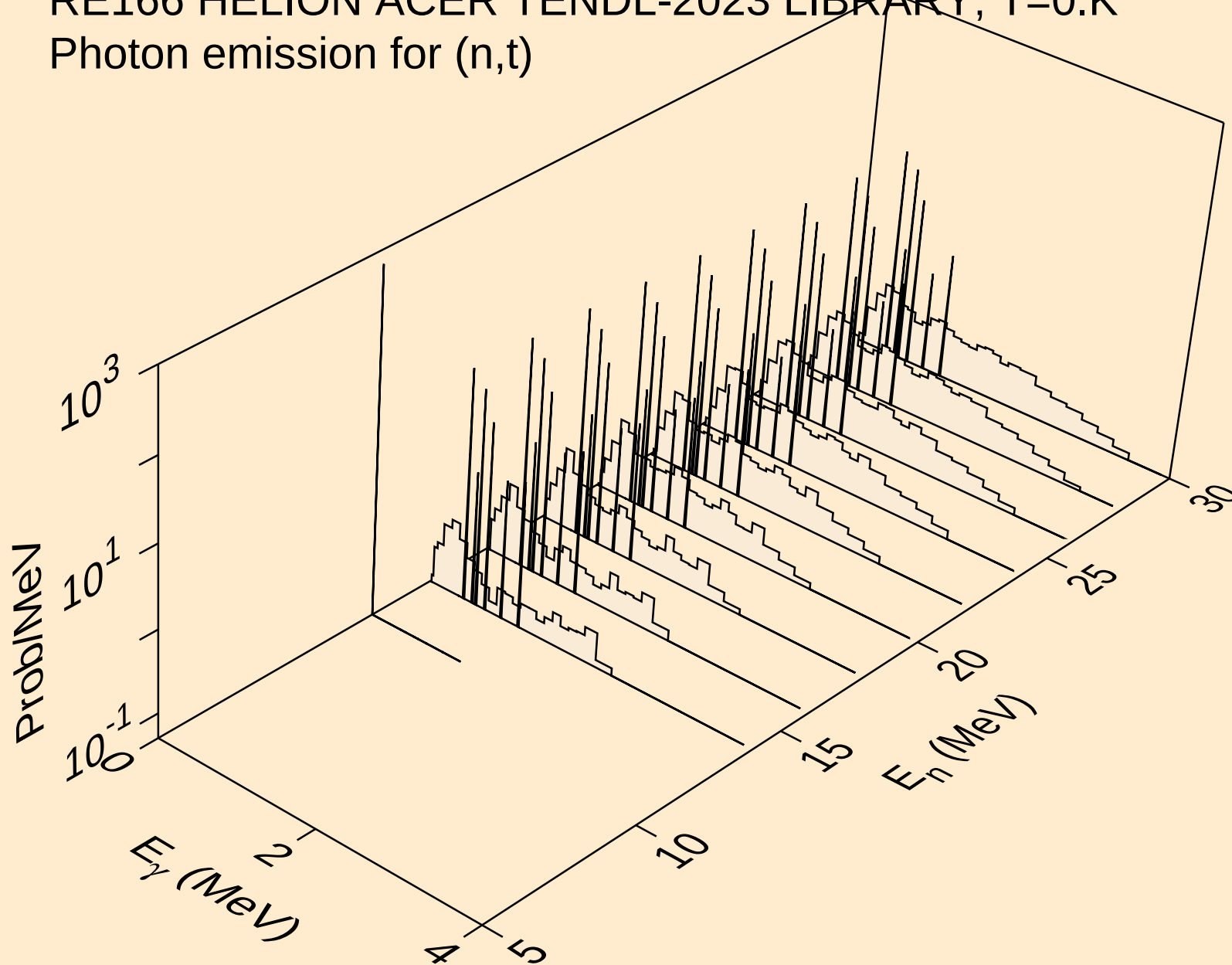
Photon emission for (n,p)



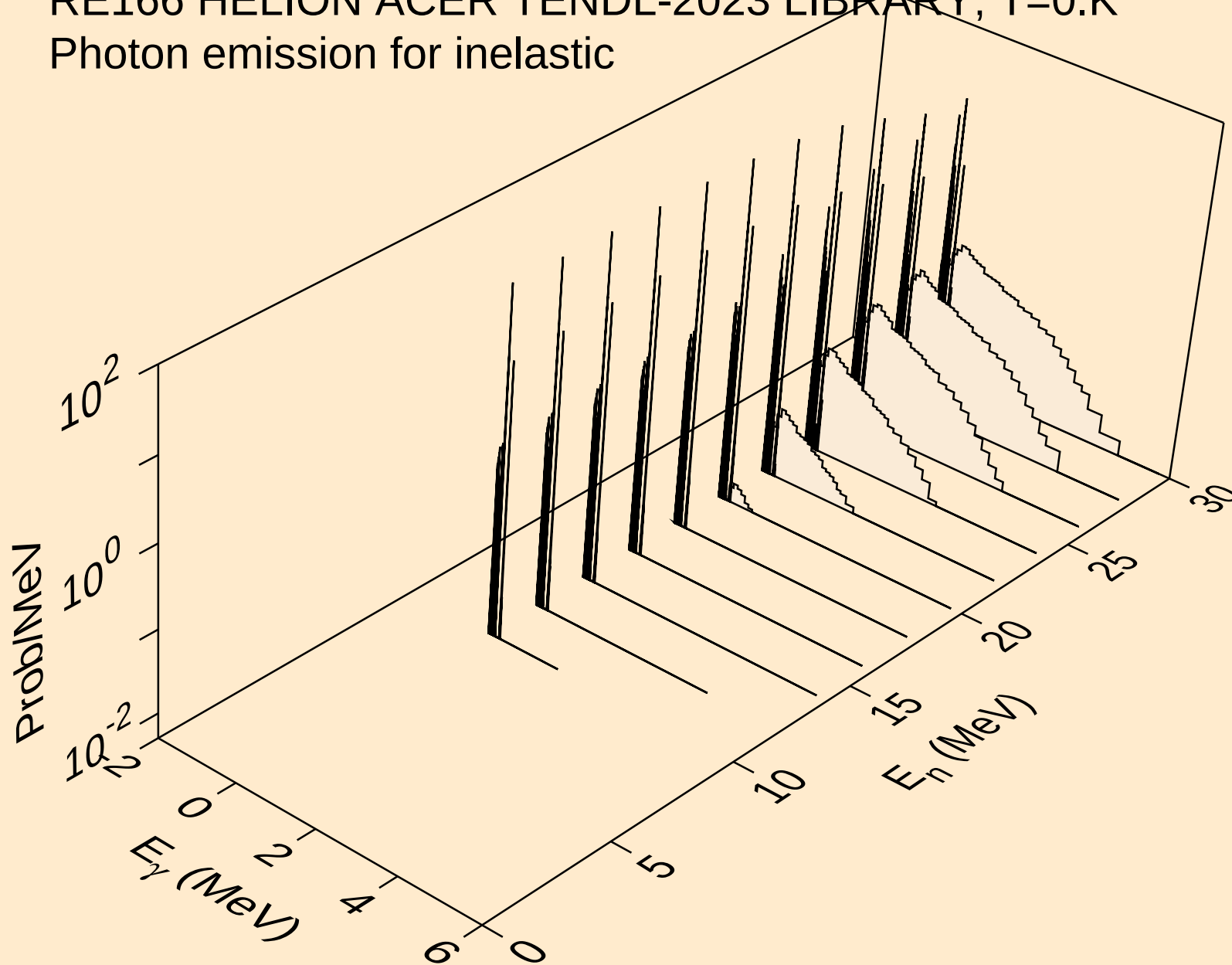
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

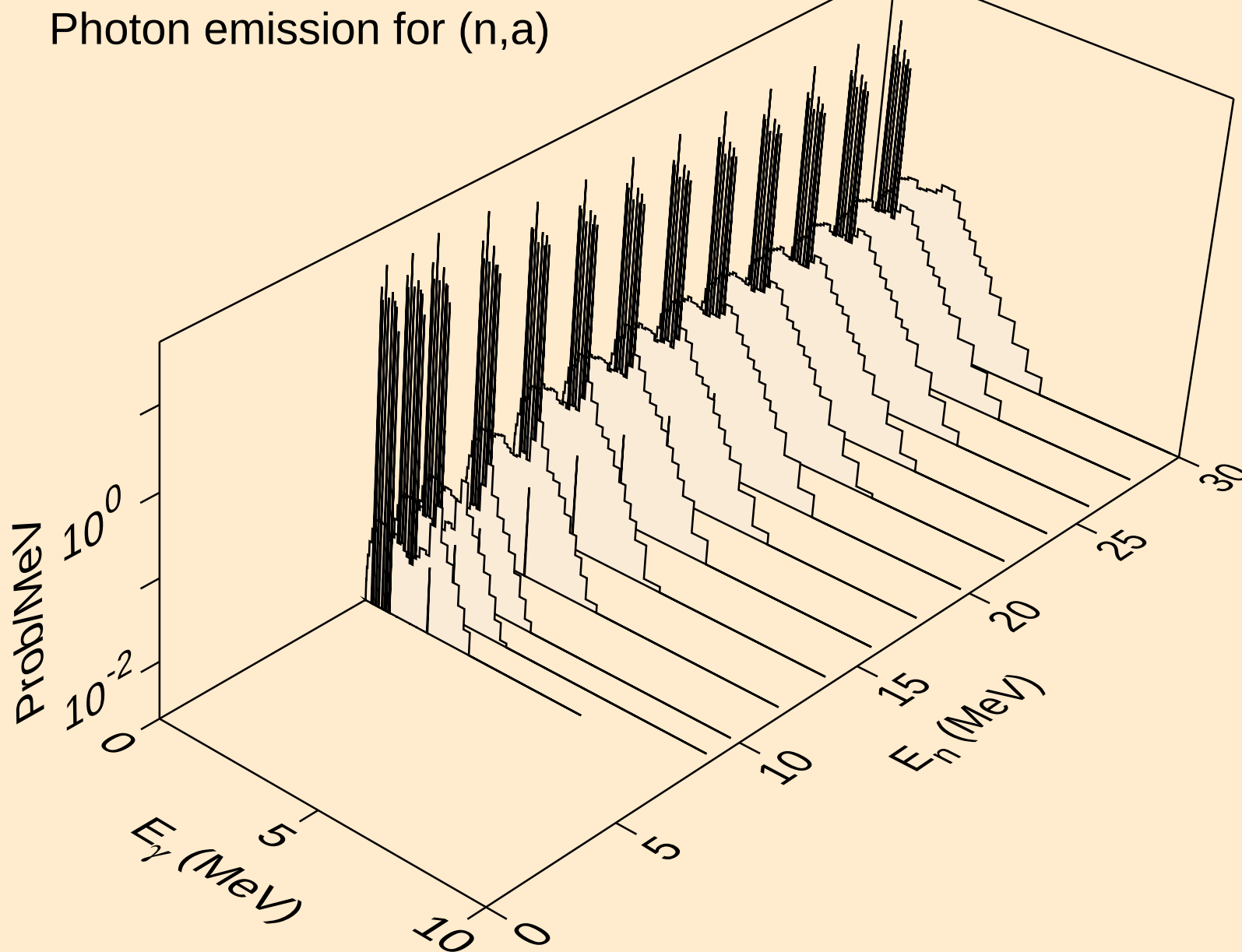


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

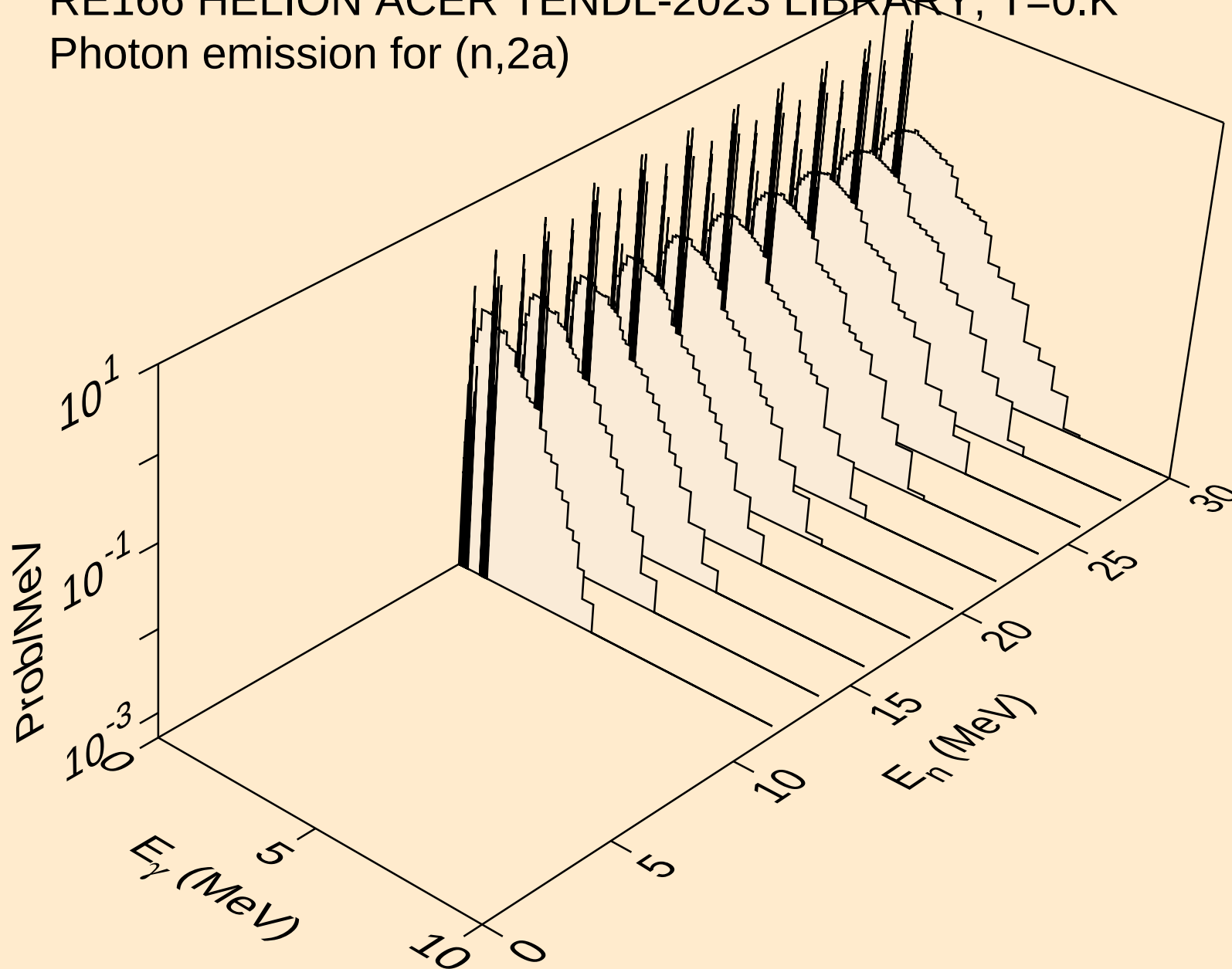


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,a)

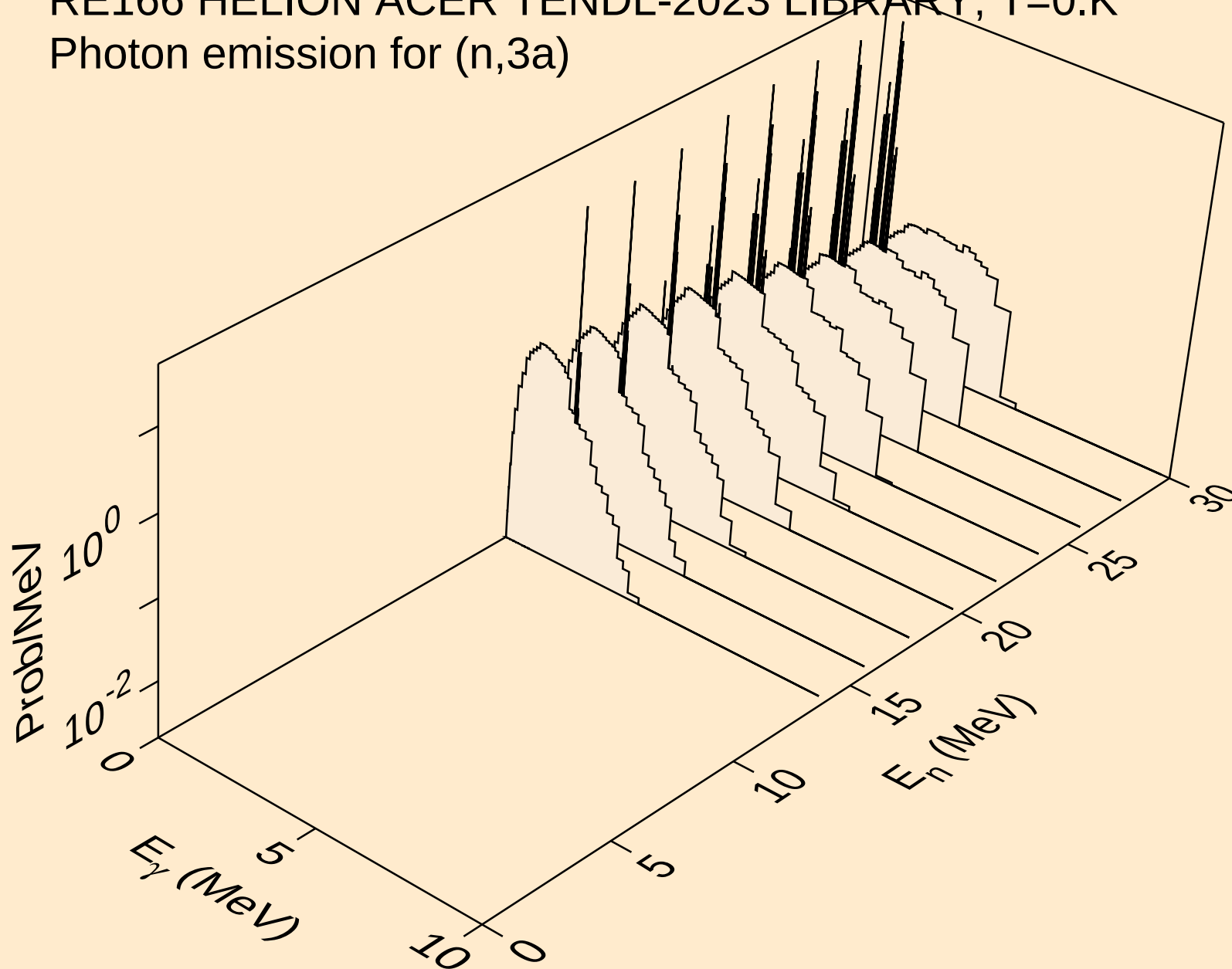


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



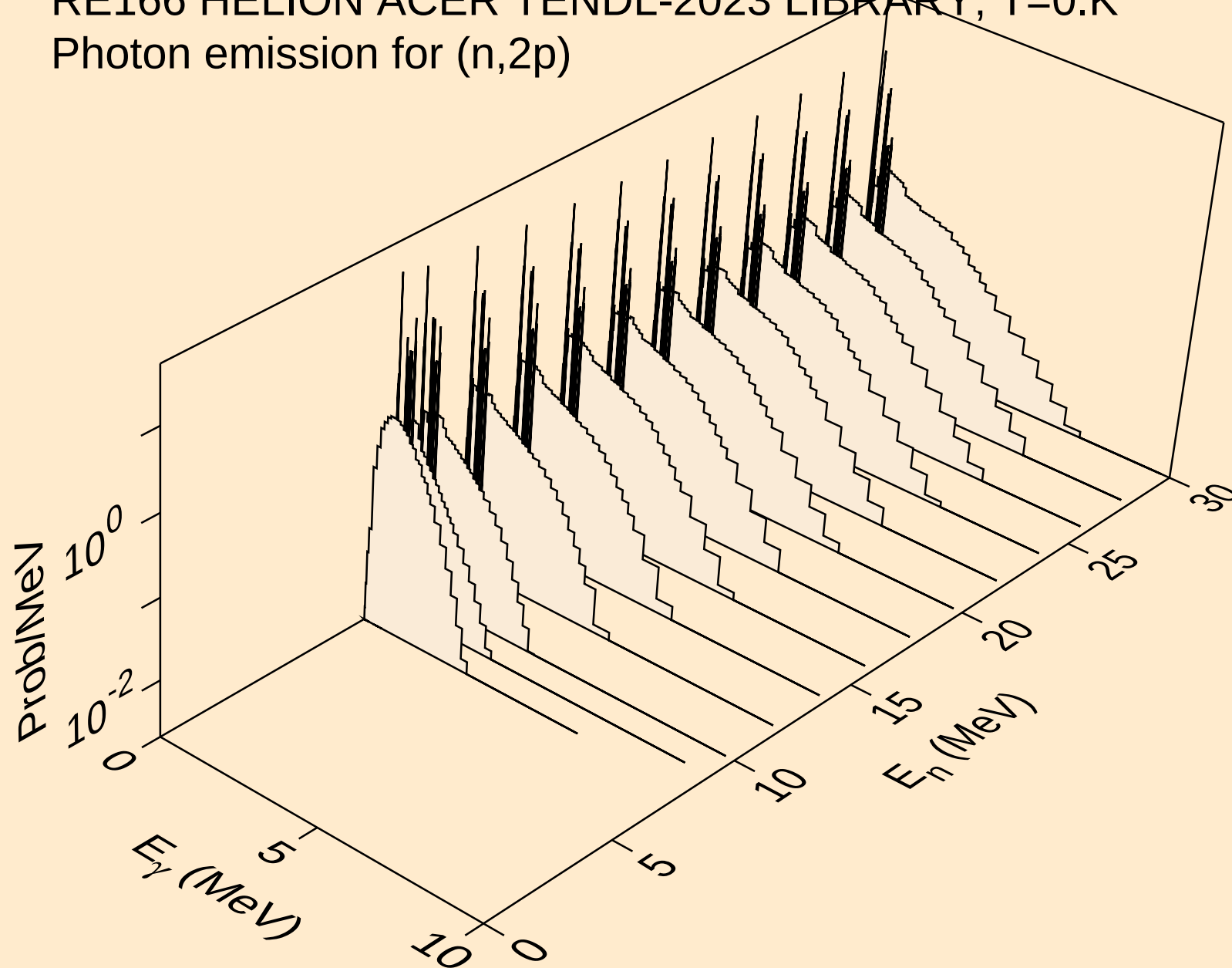
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3a)

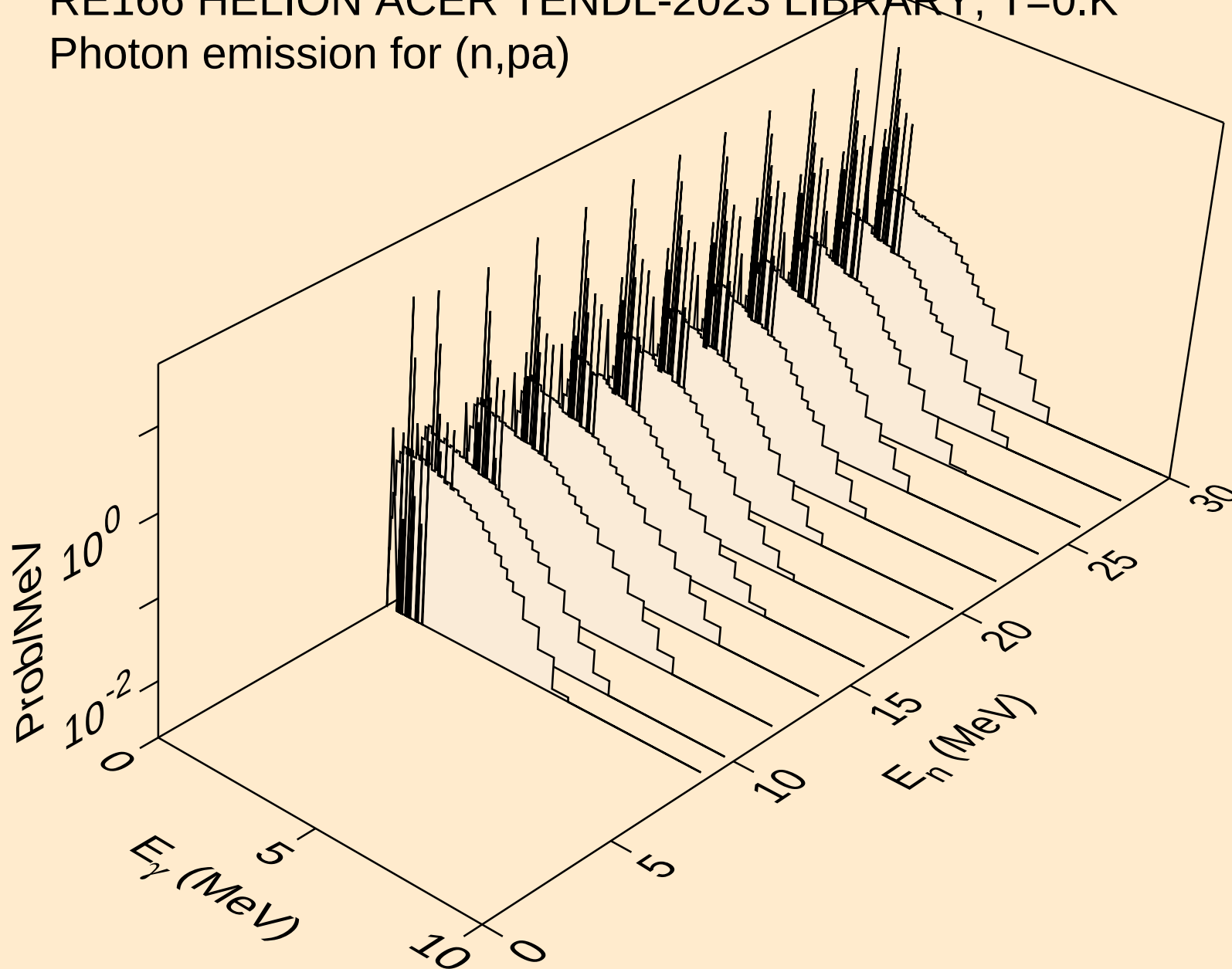




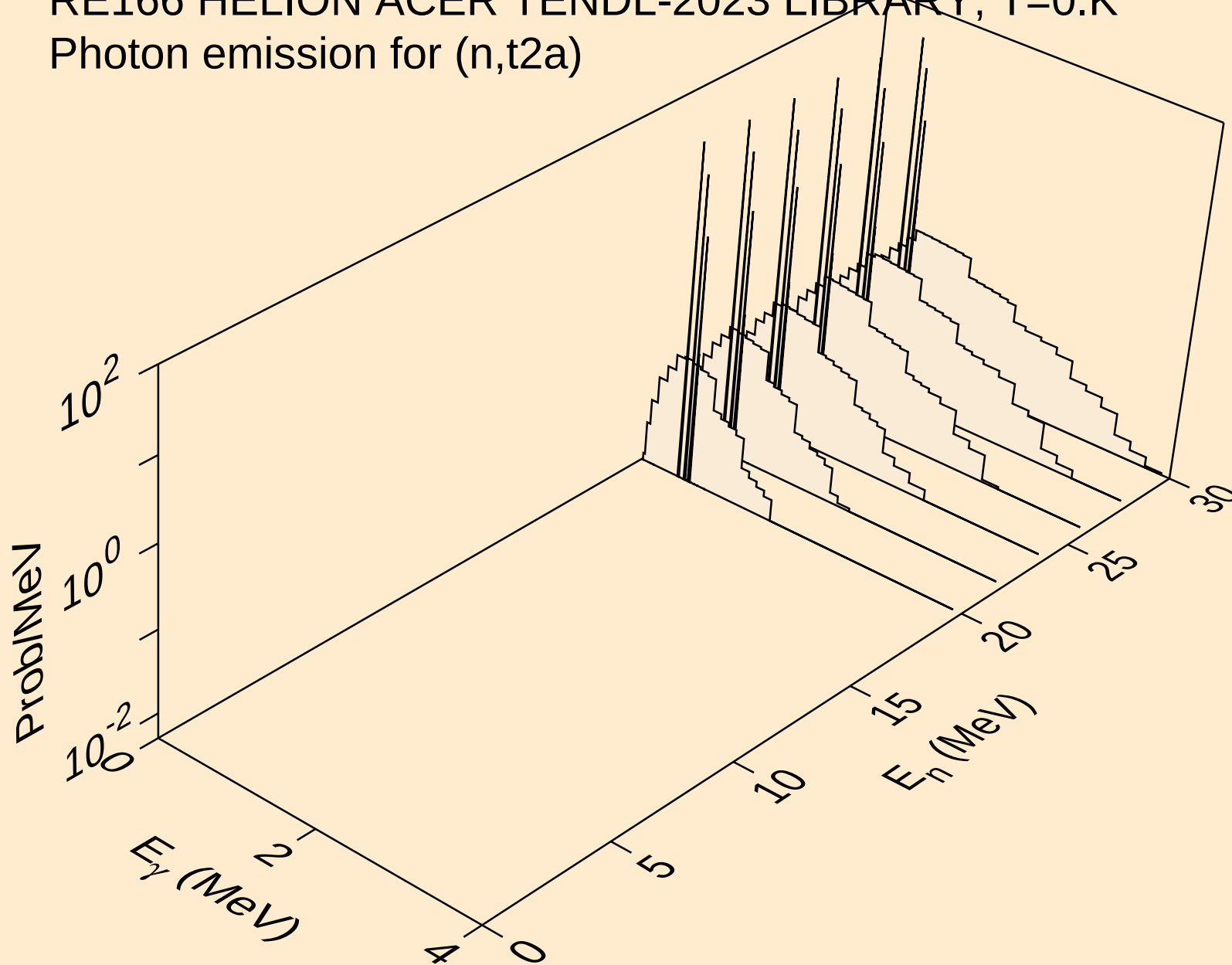
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



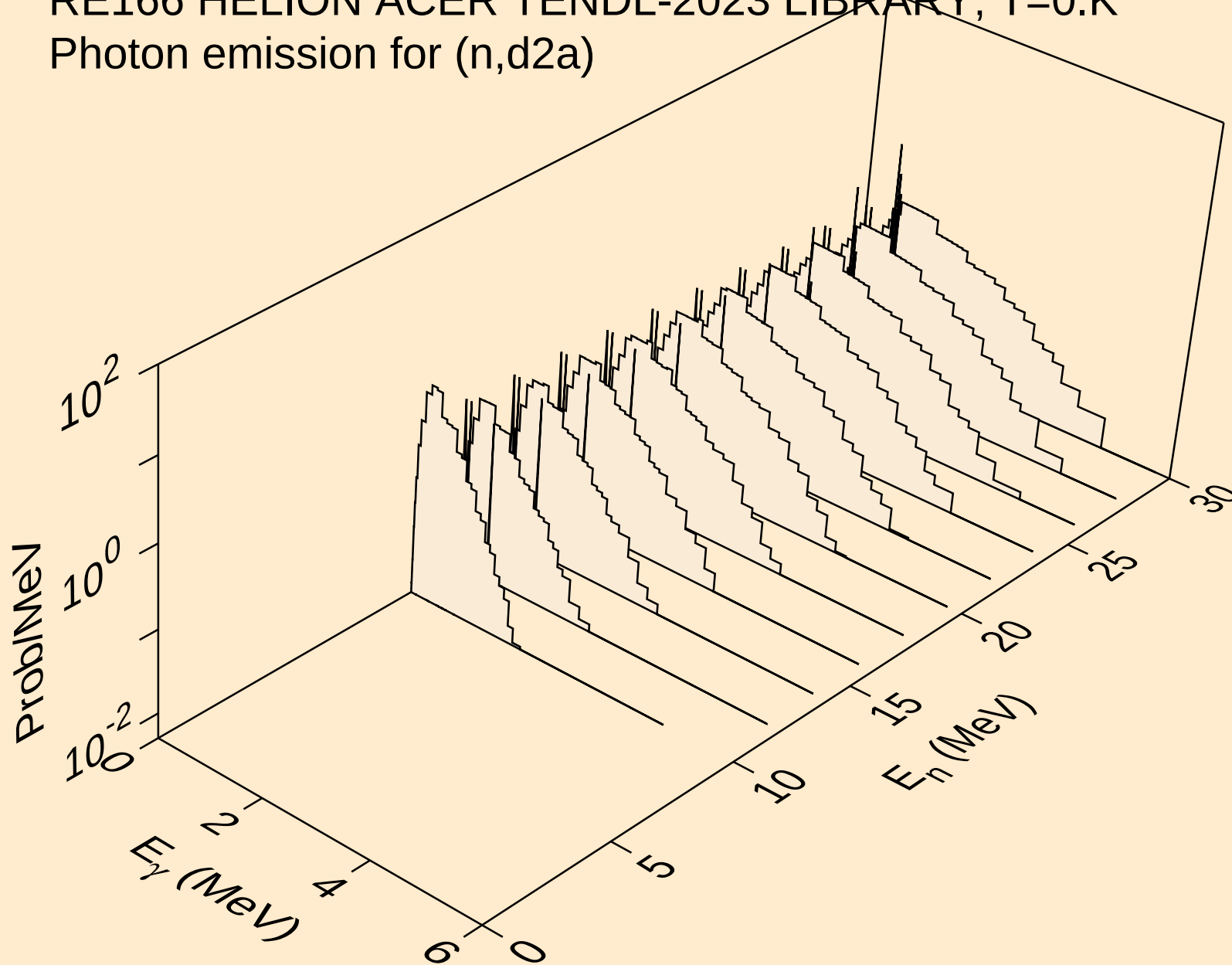
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Photon emission for (n,p $\alpha$ )



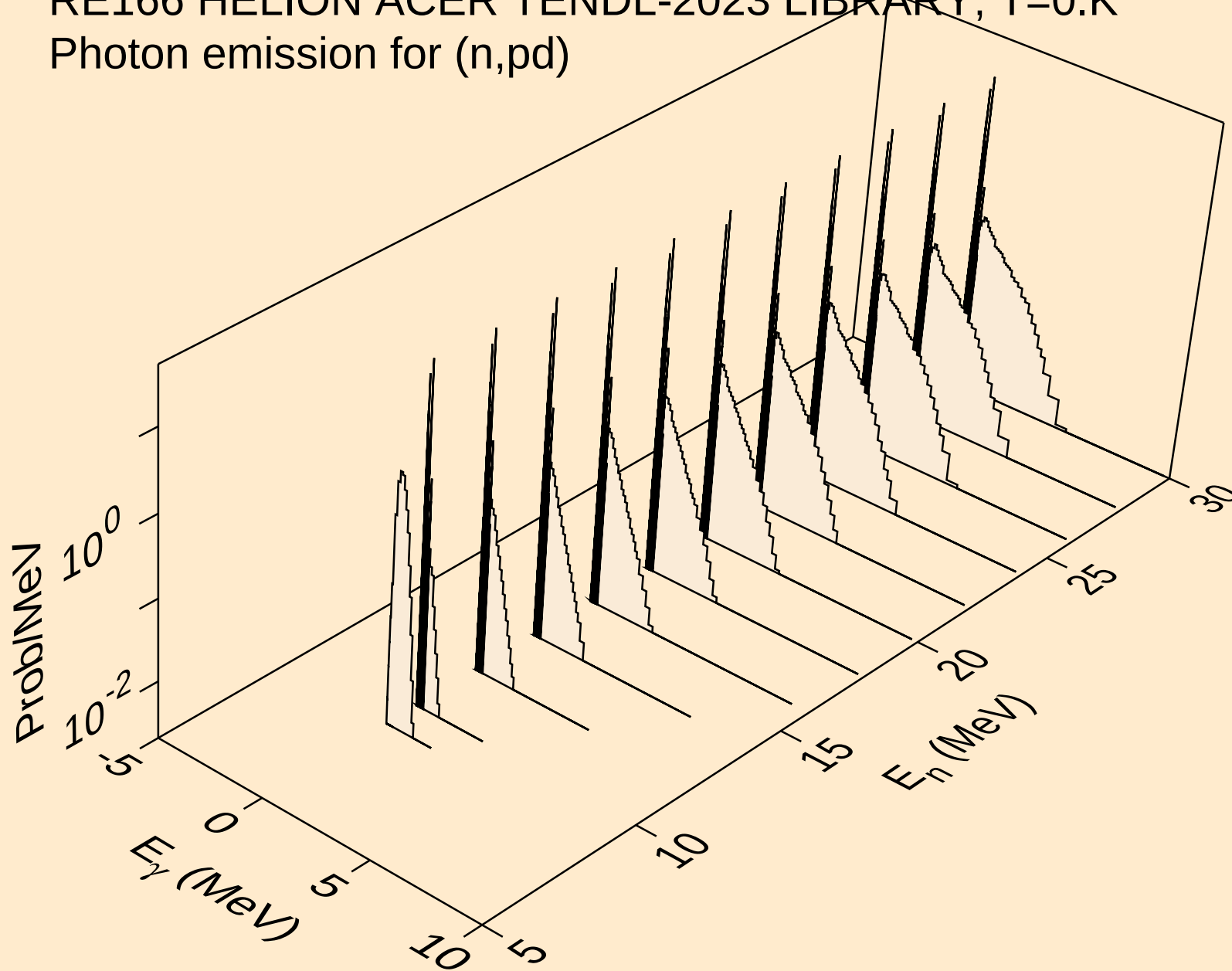
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)

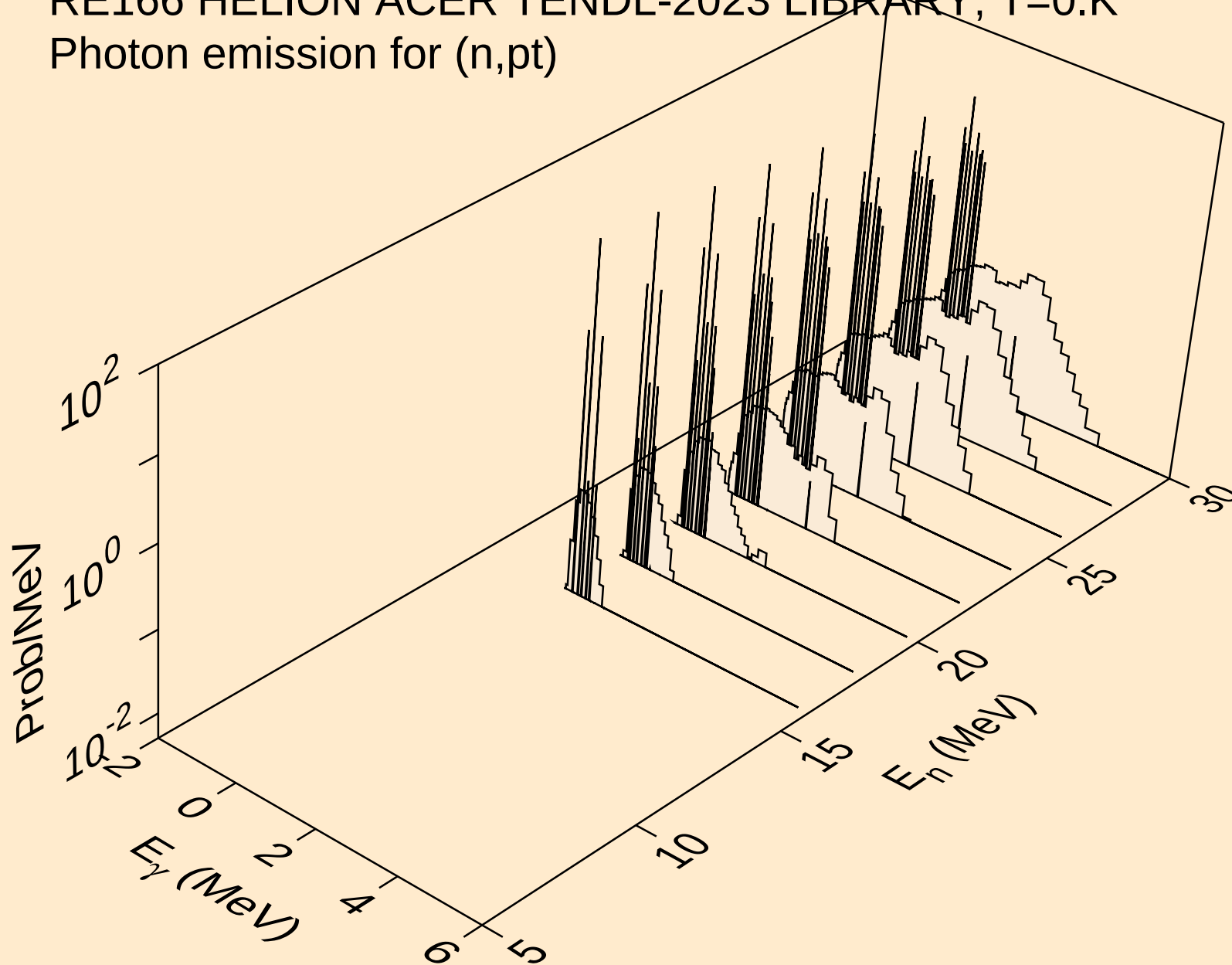


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Photon emission for (n,pd)

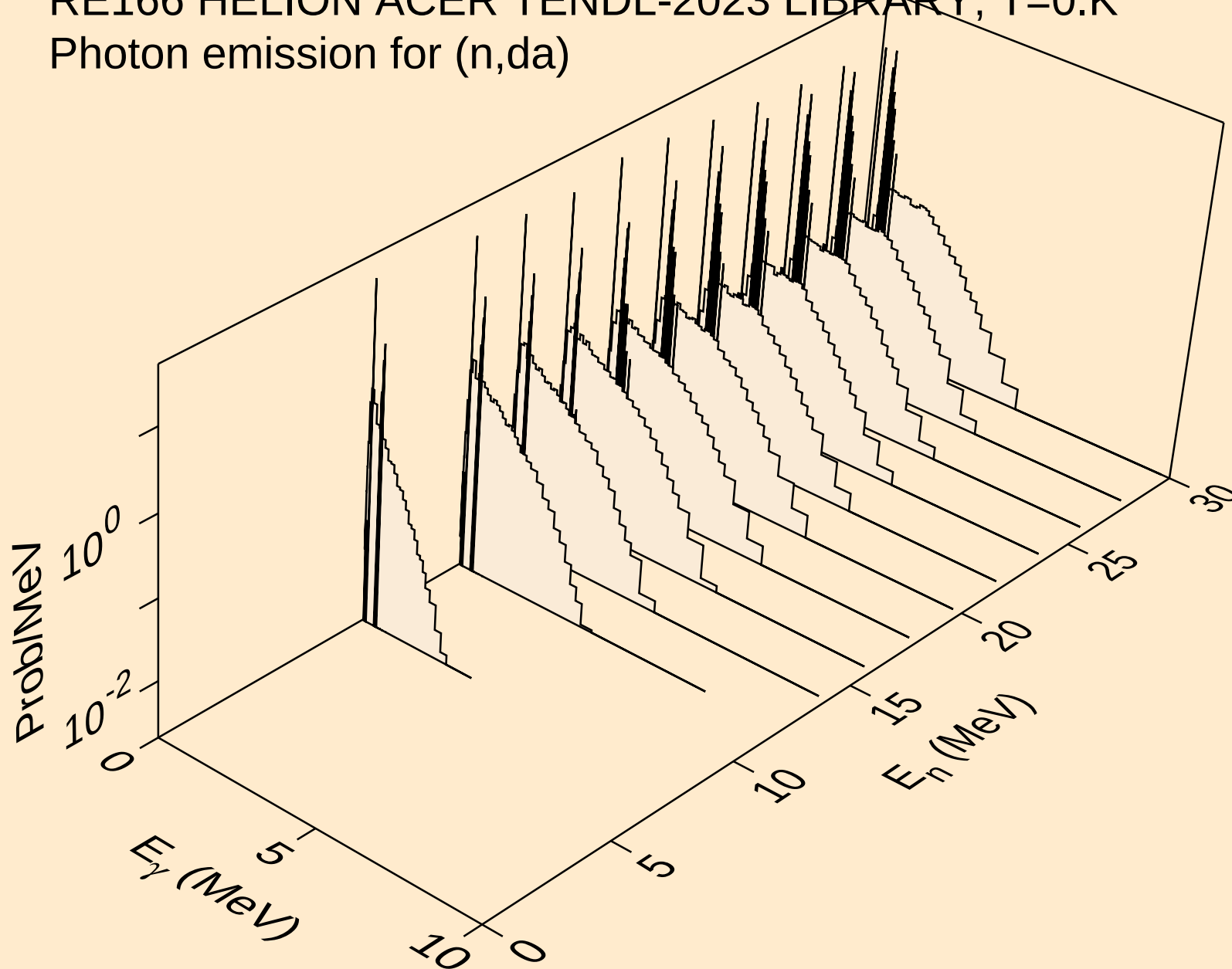


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Photon emission for (n,pt)

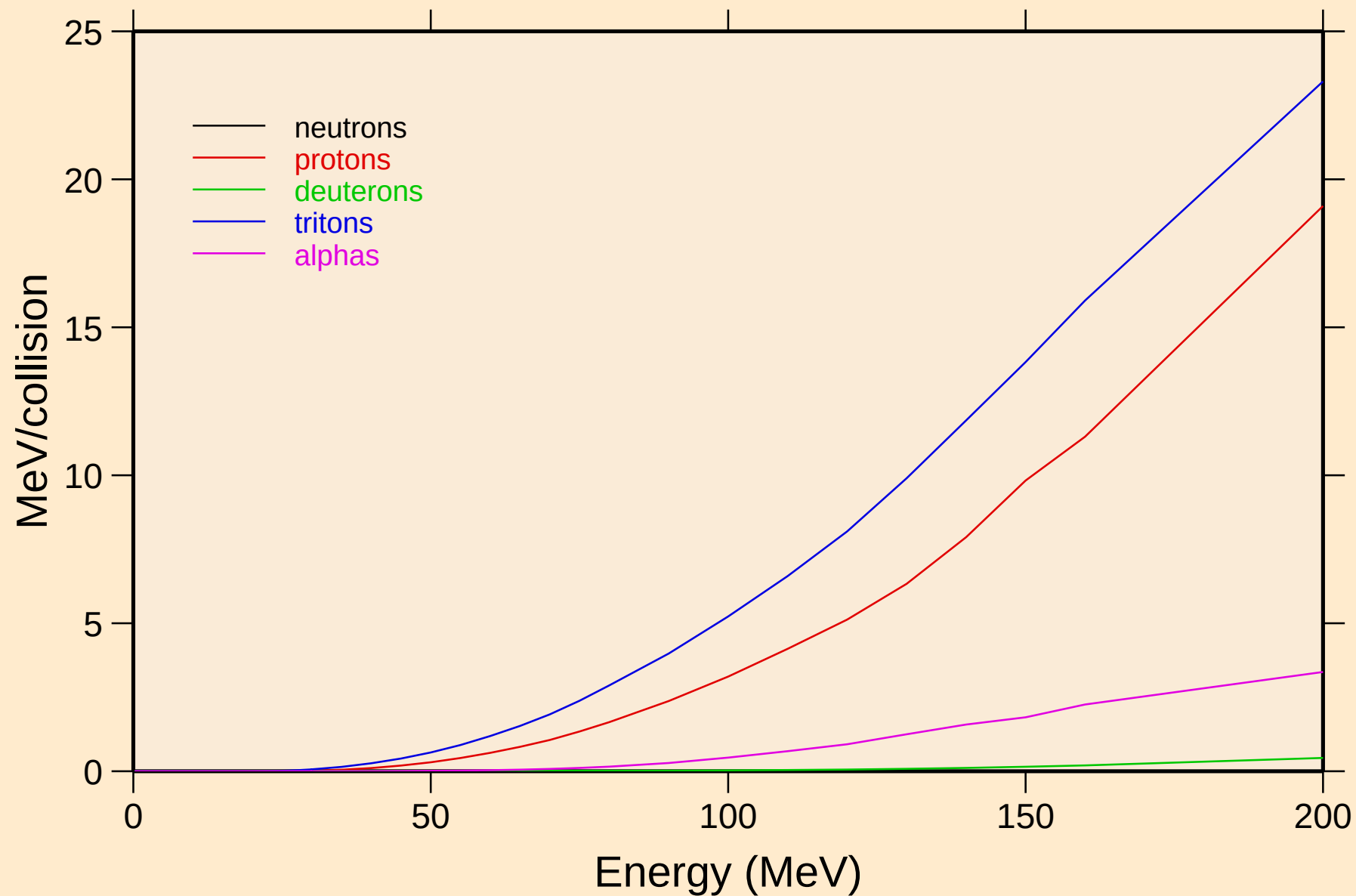


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Photon emission for (n,da)



# RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

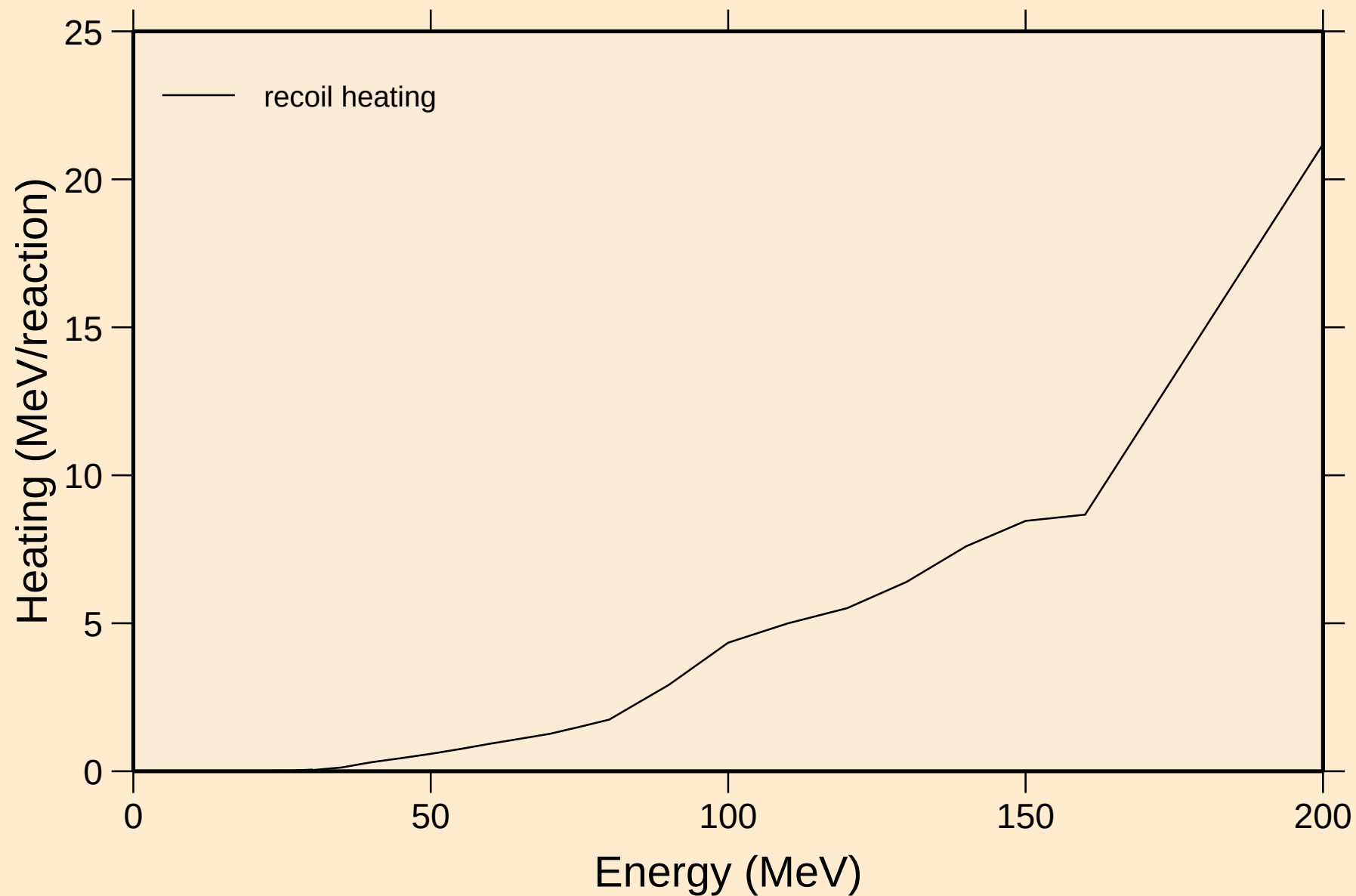
## Particle heating contributions





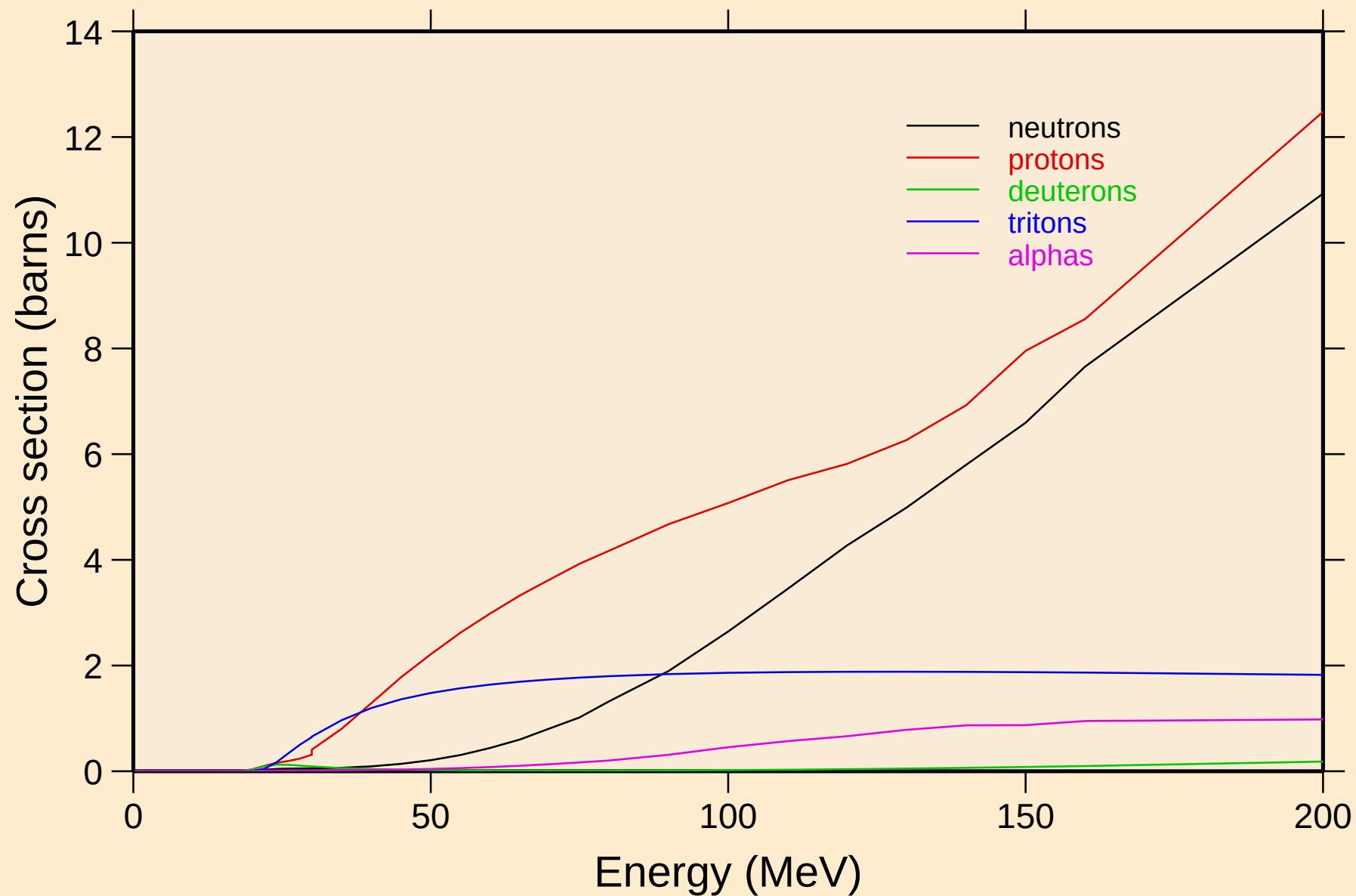
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

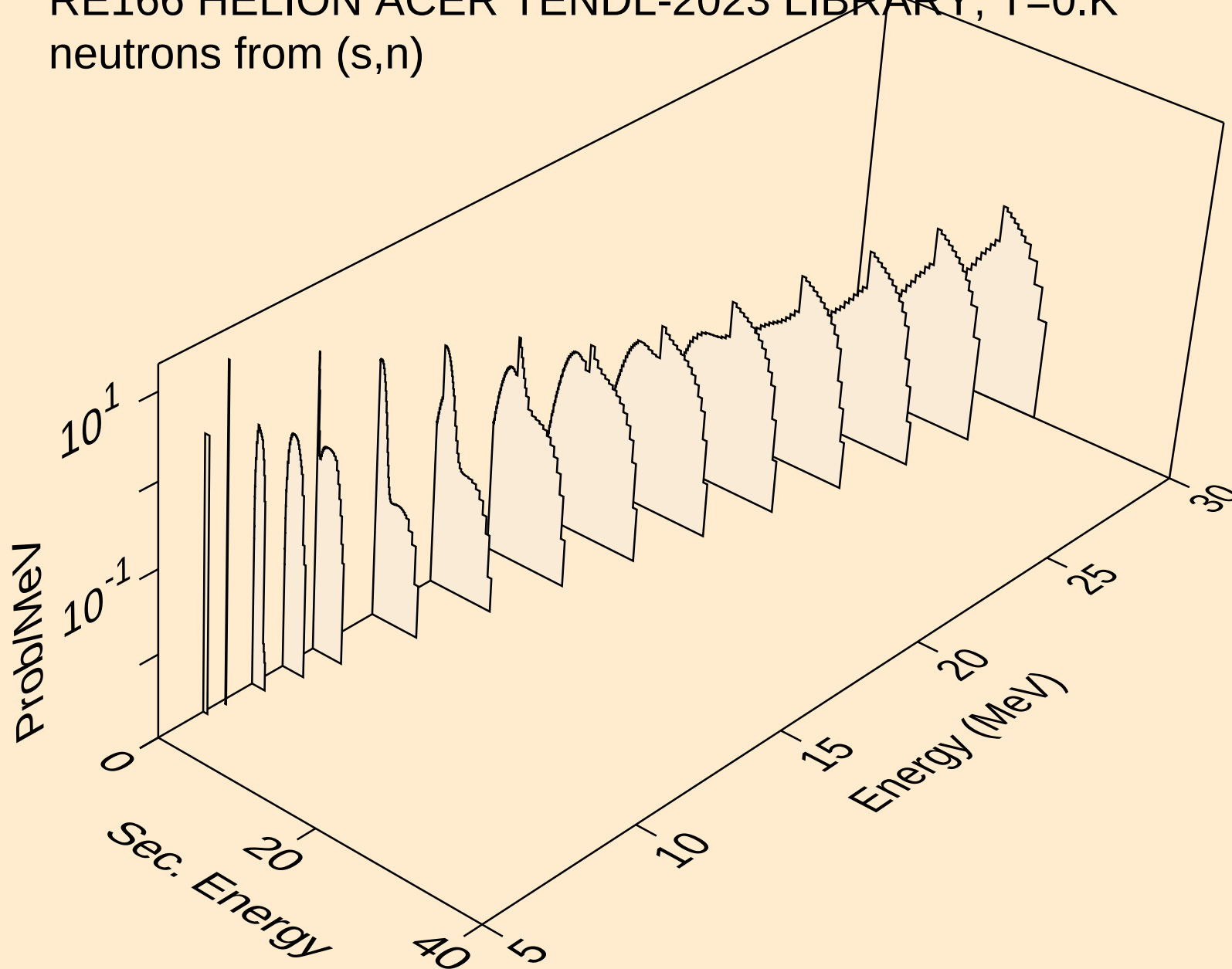


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K

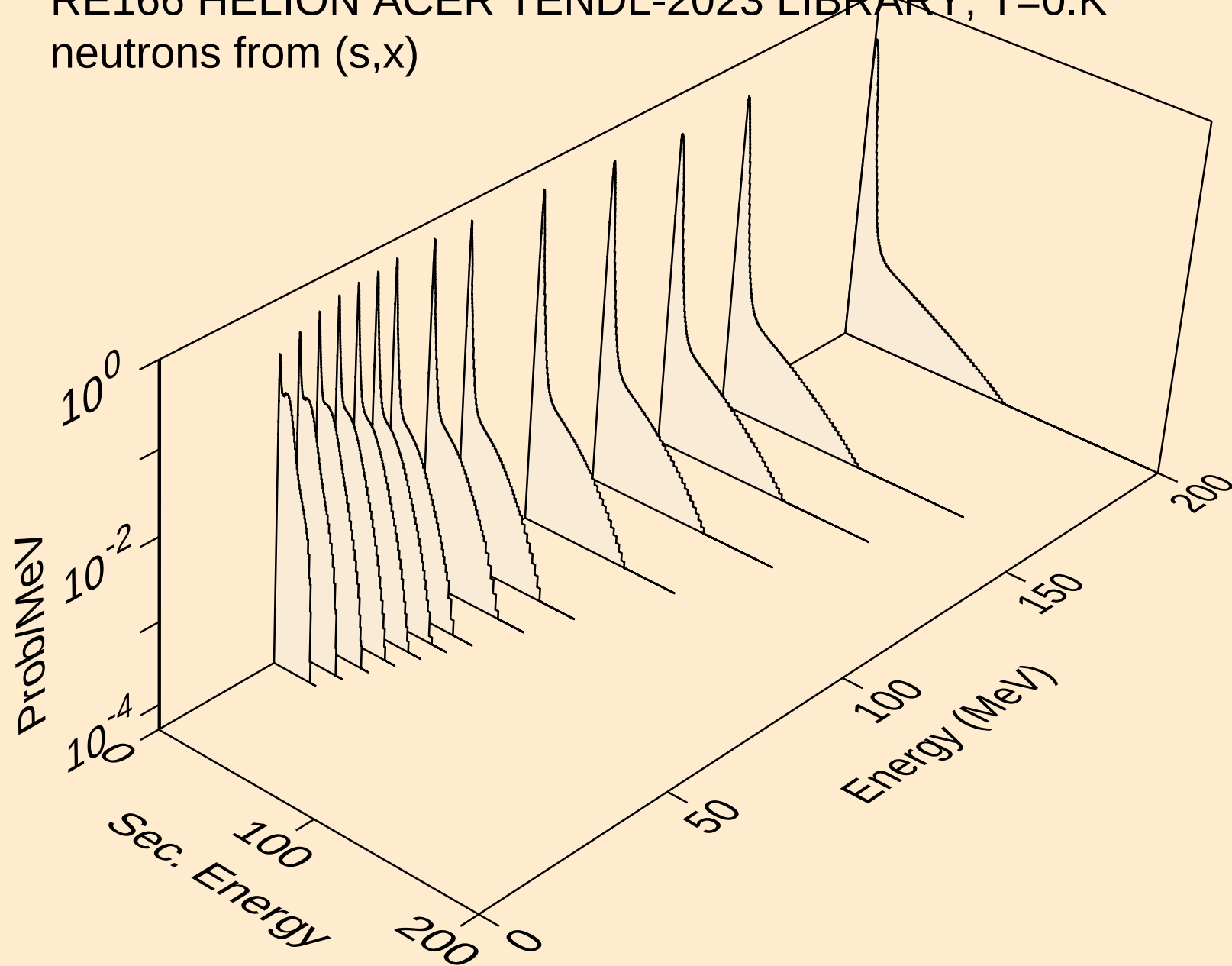
Particle production cross sections



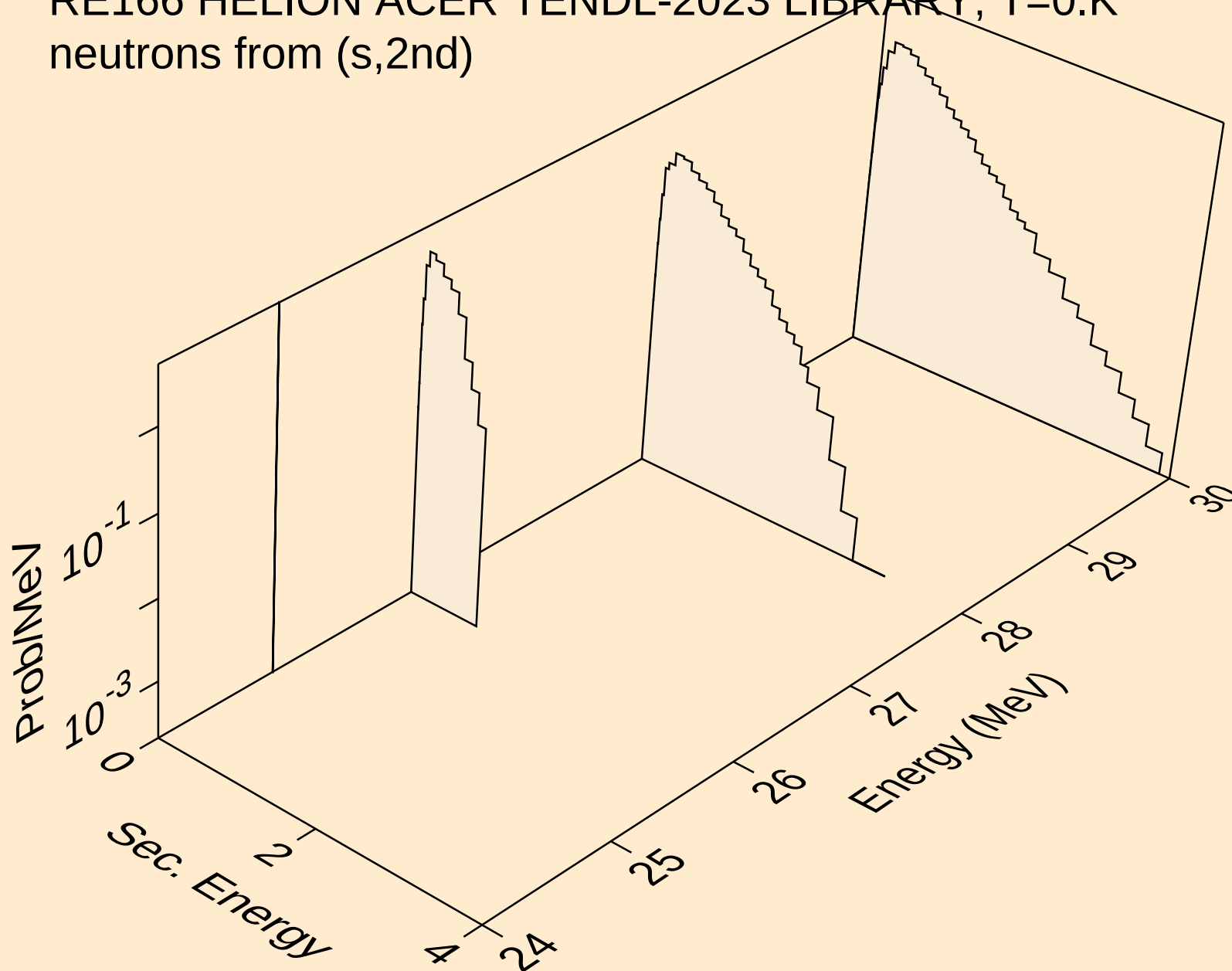
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



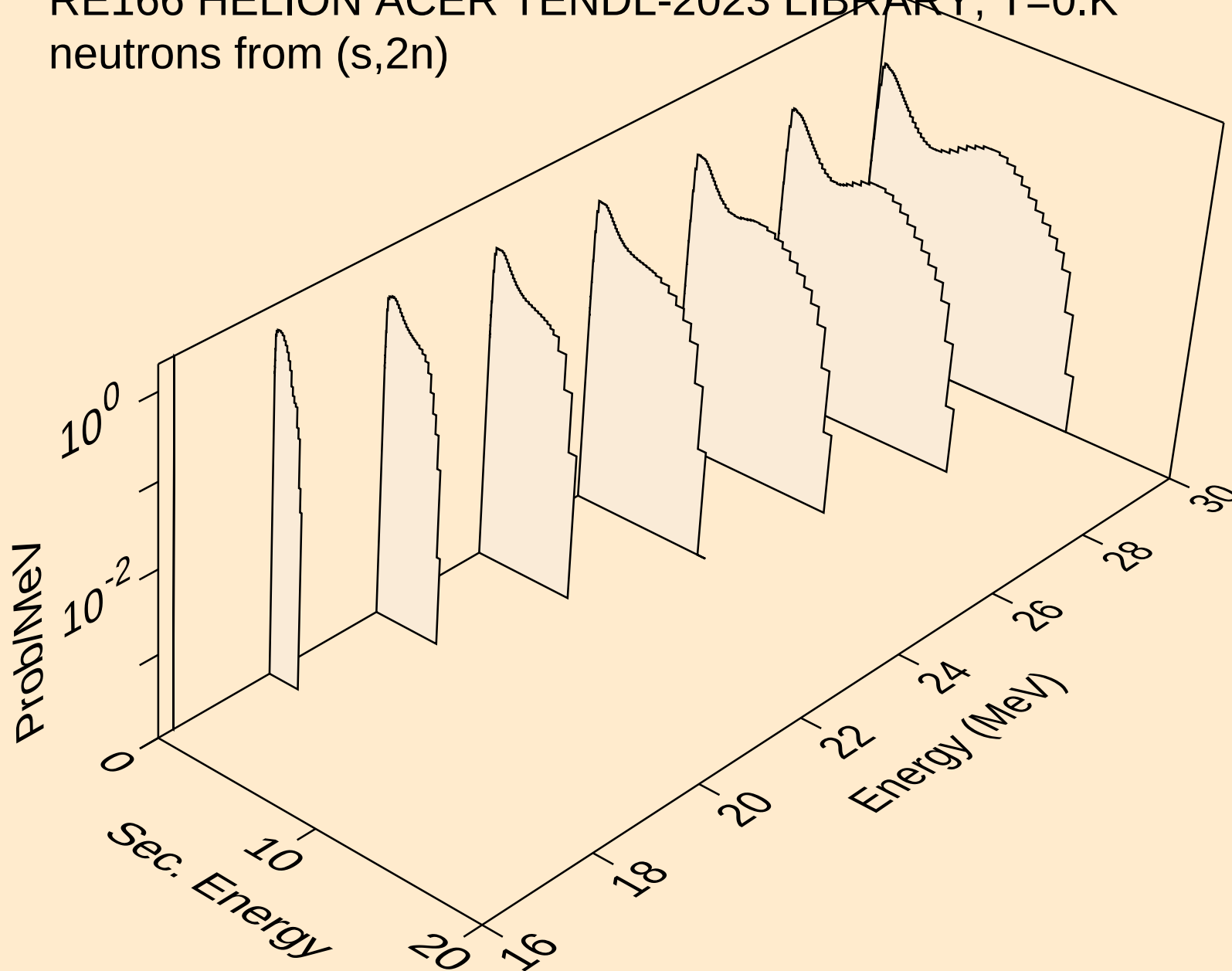
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



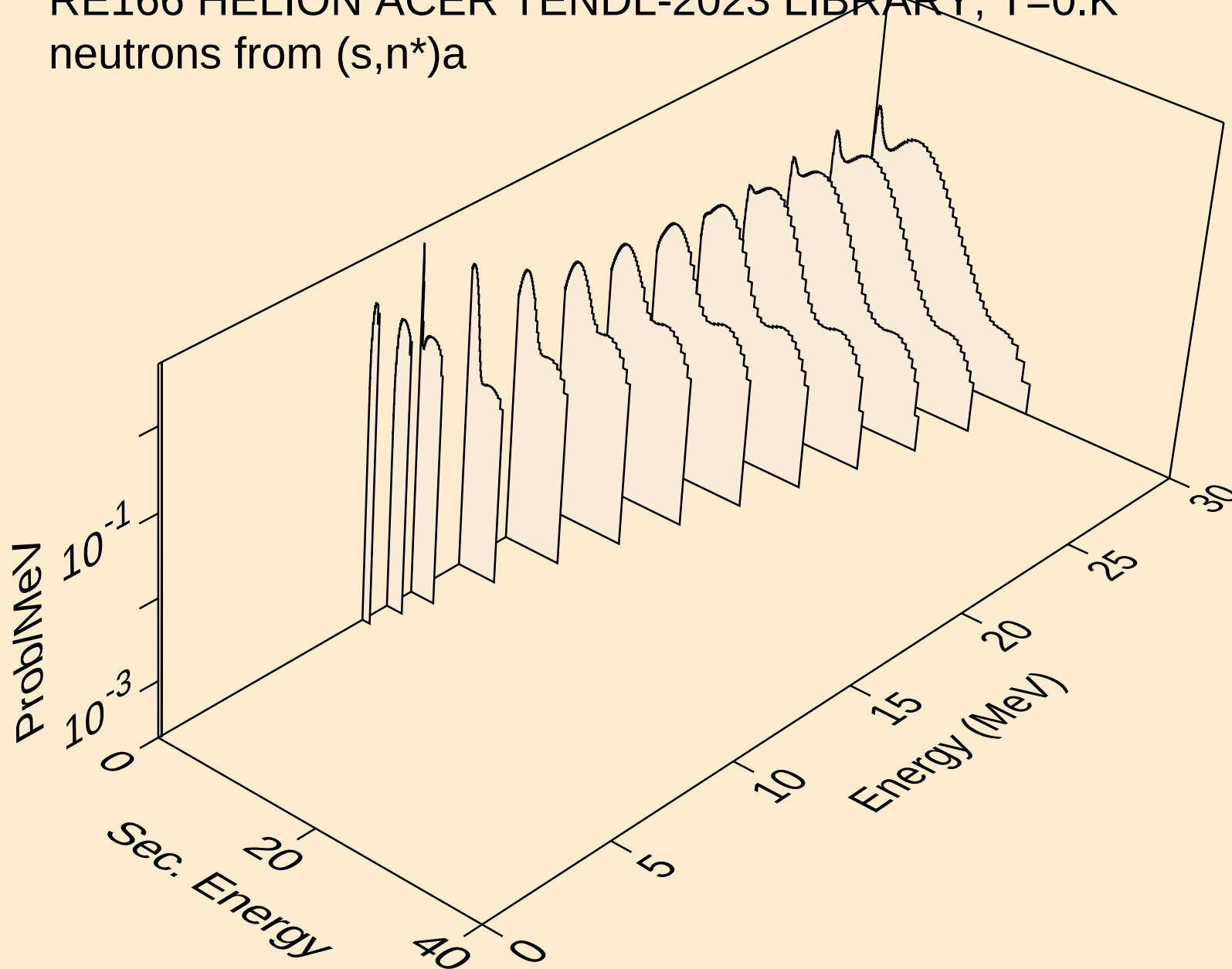
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



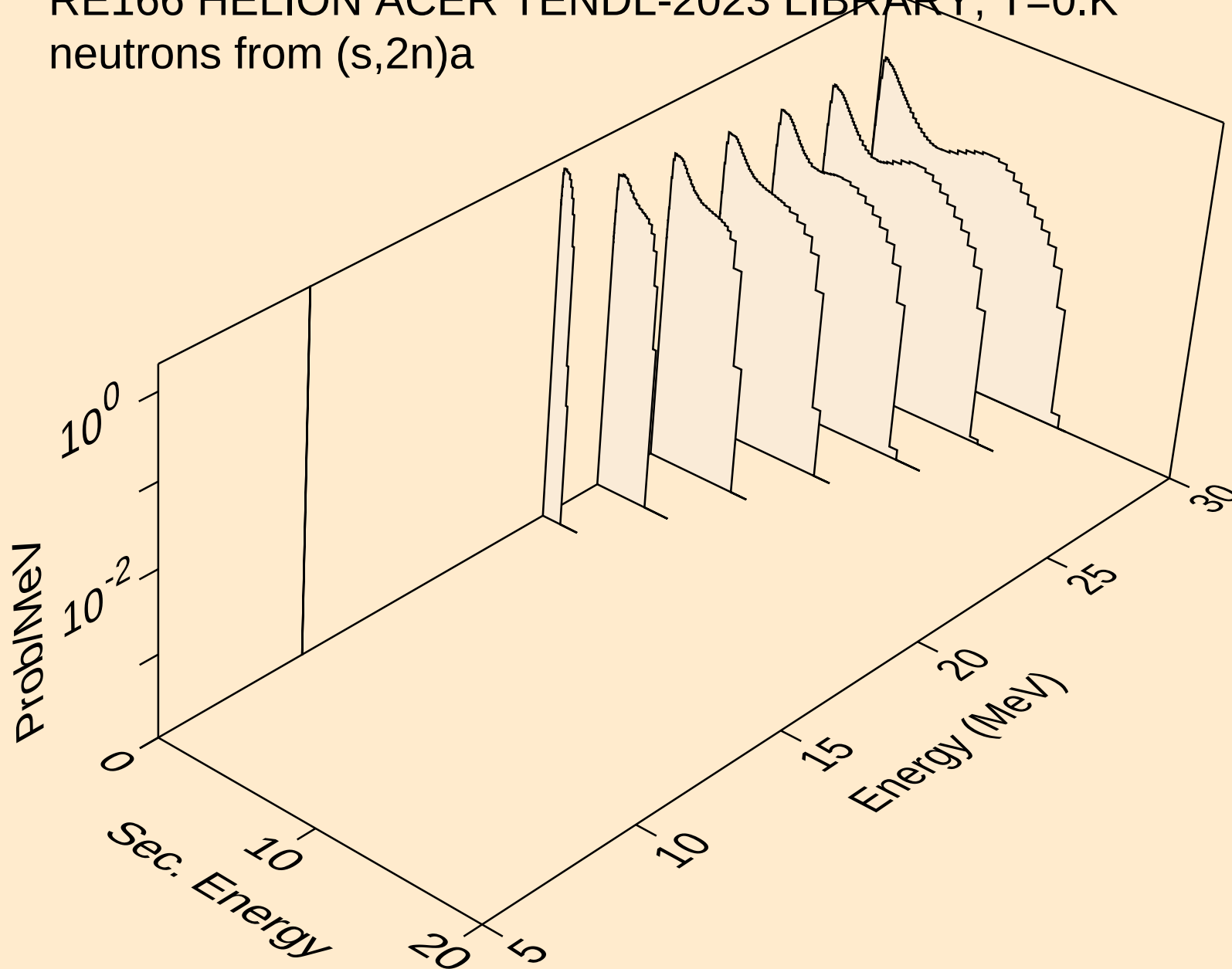
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

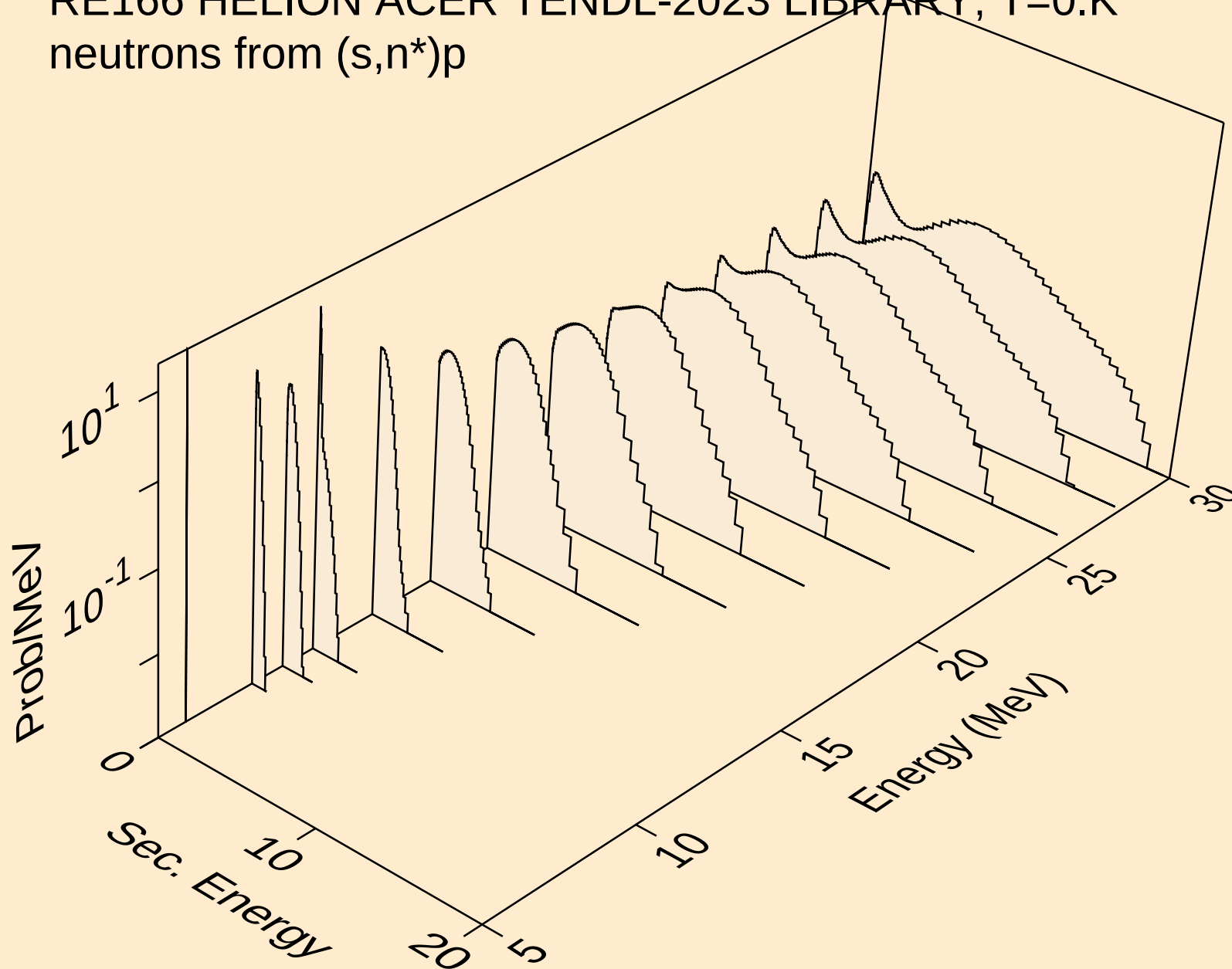


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

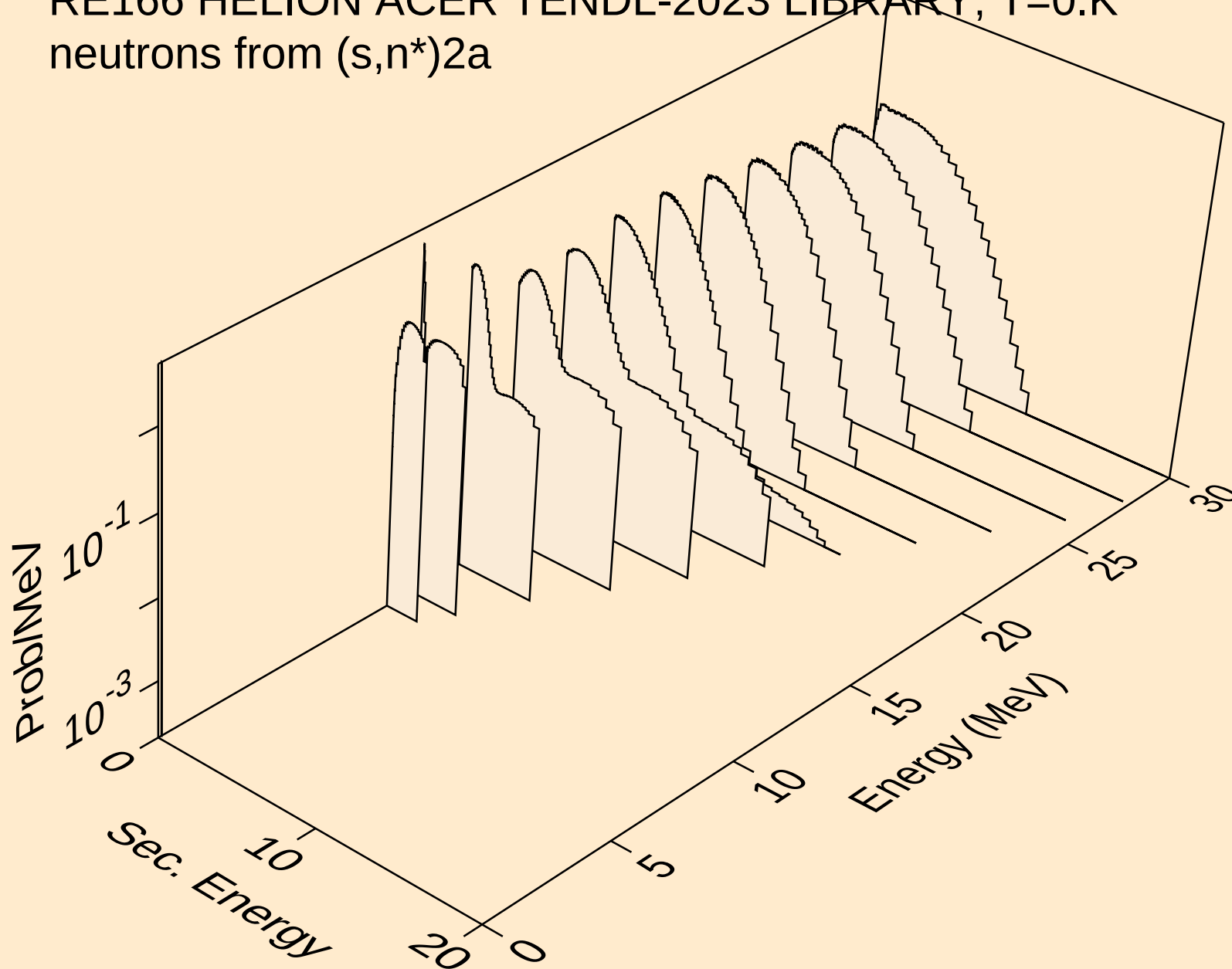




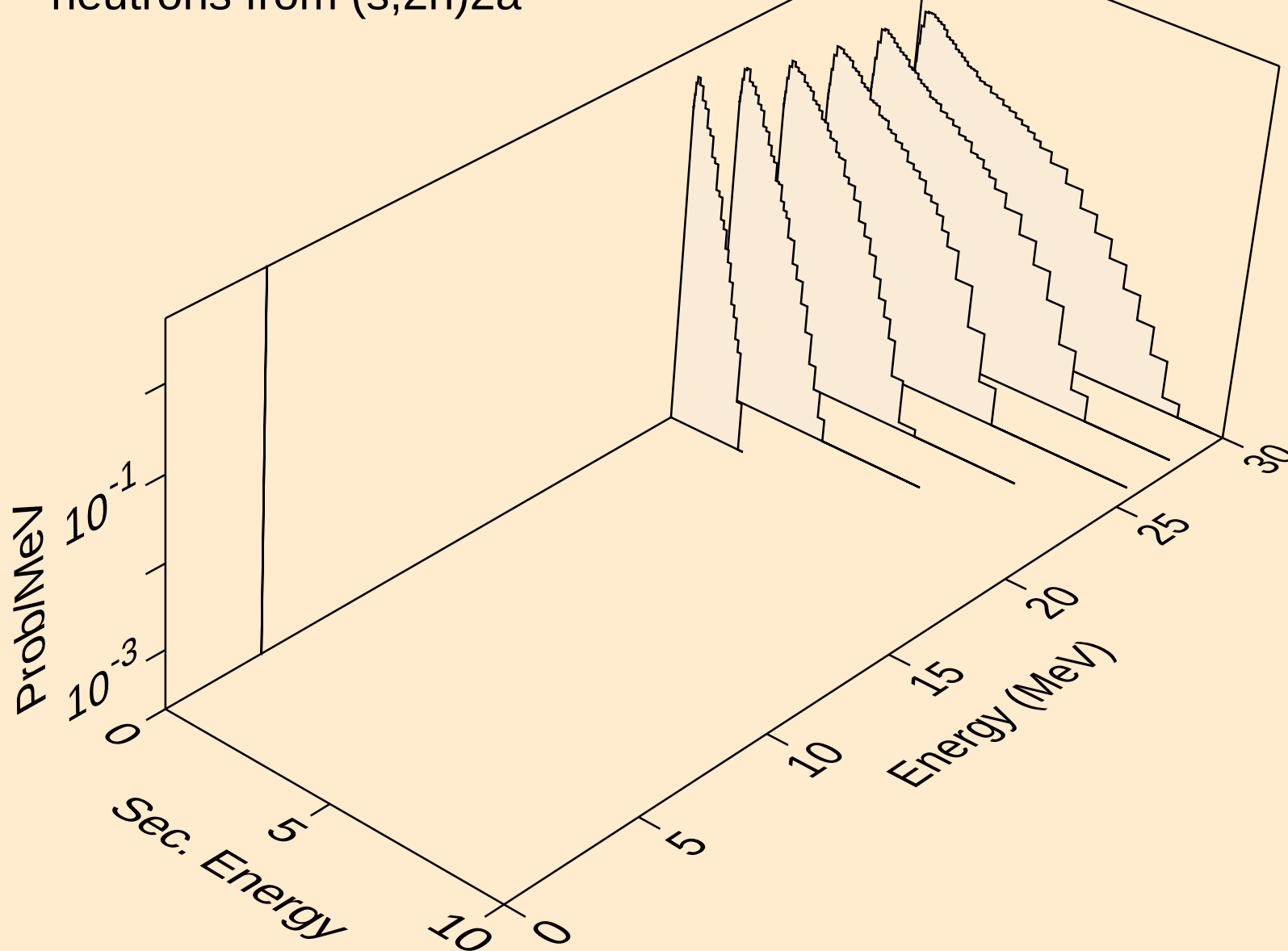
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



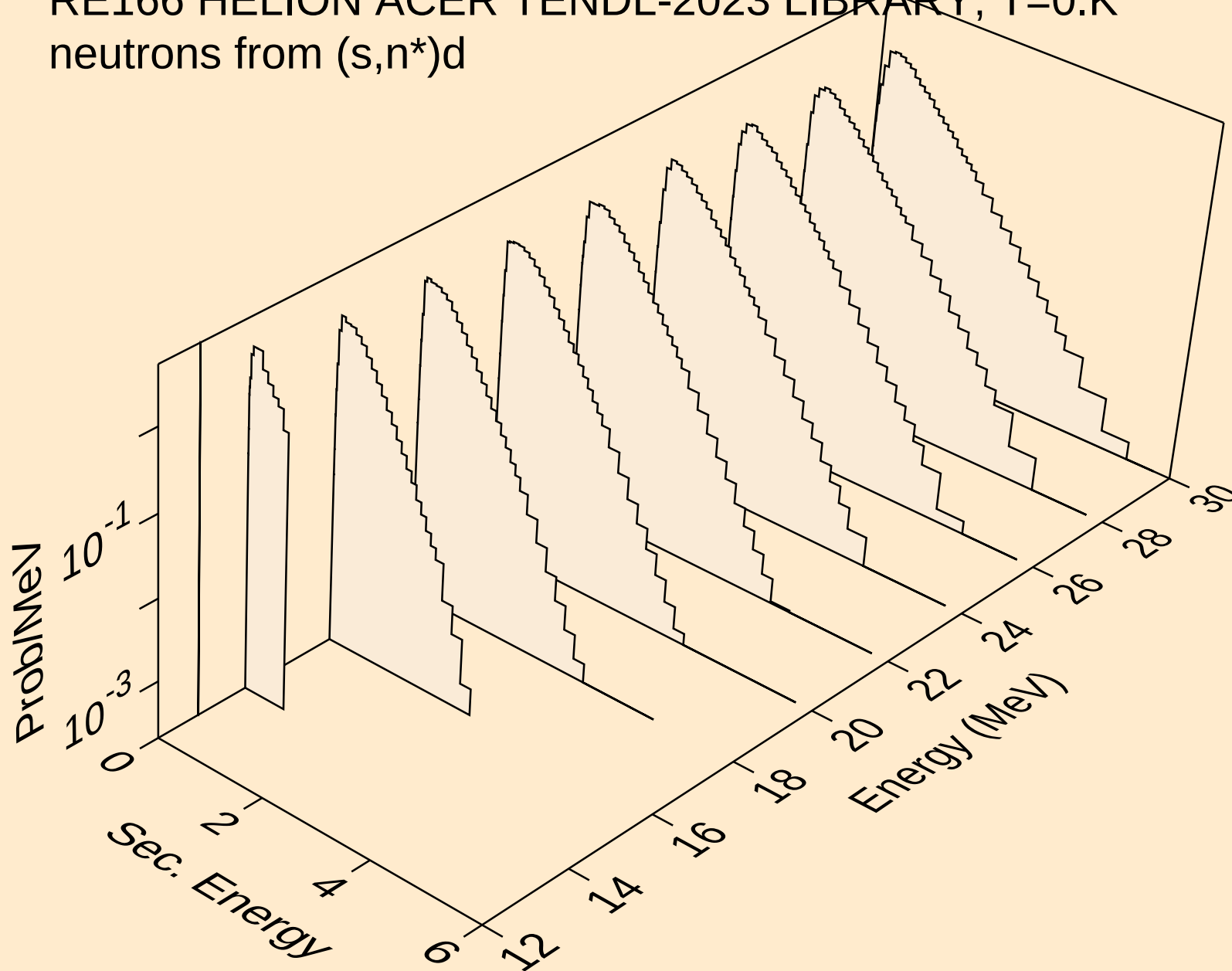
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neutrons from (s,n\*)2a



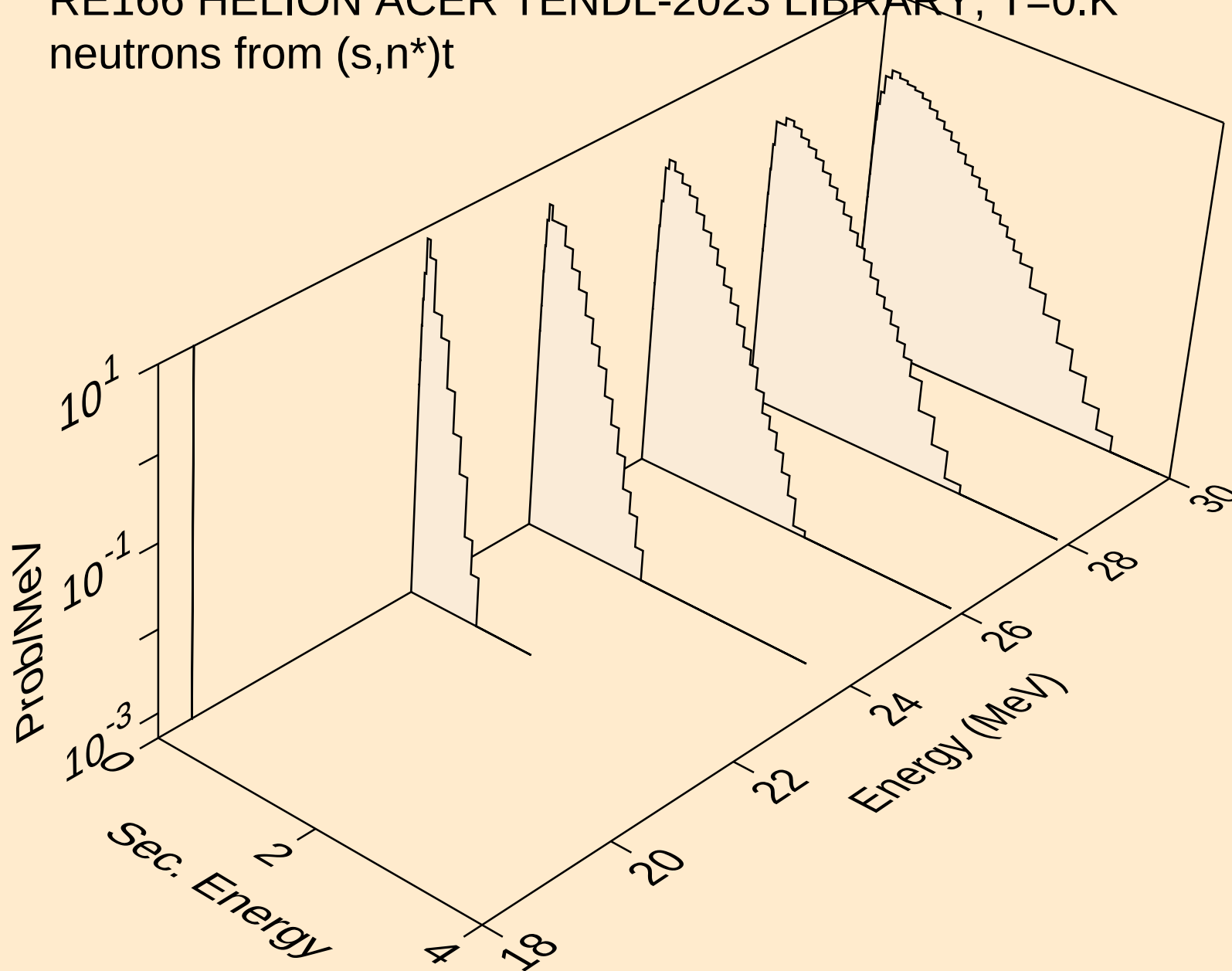
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neutrons from (s,2n)2a



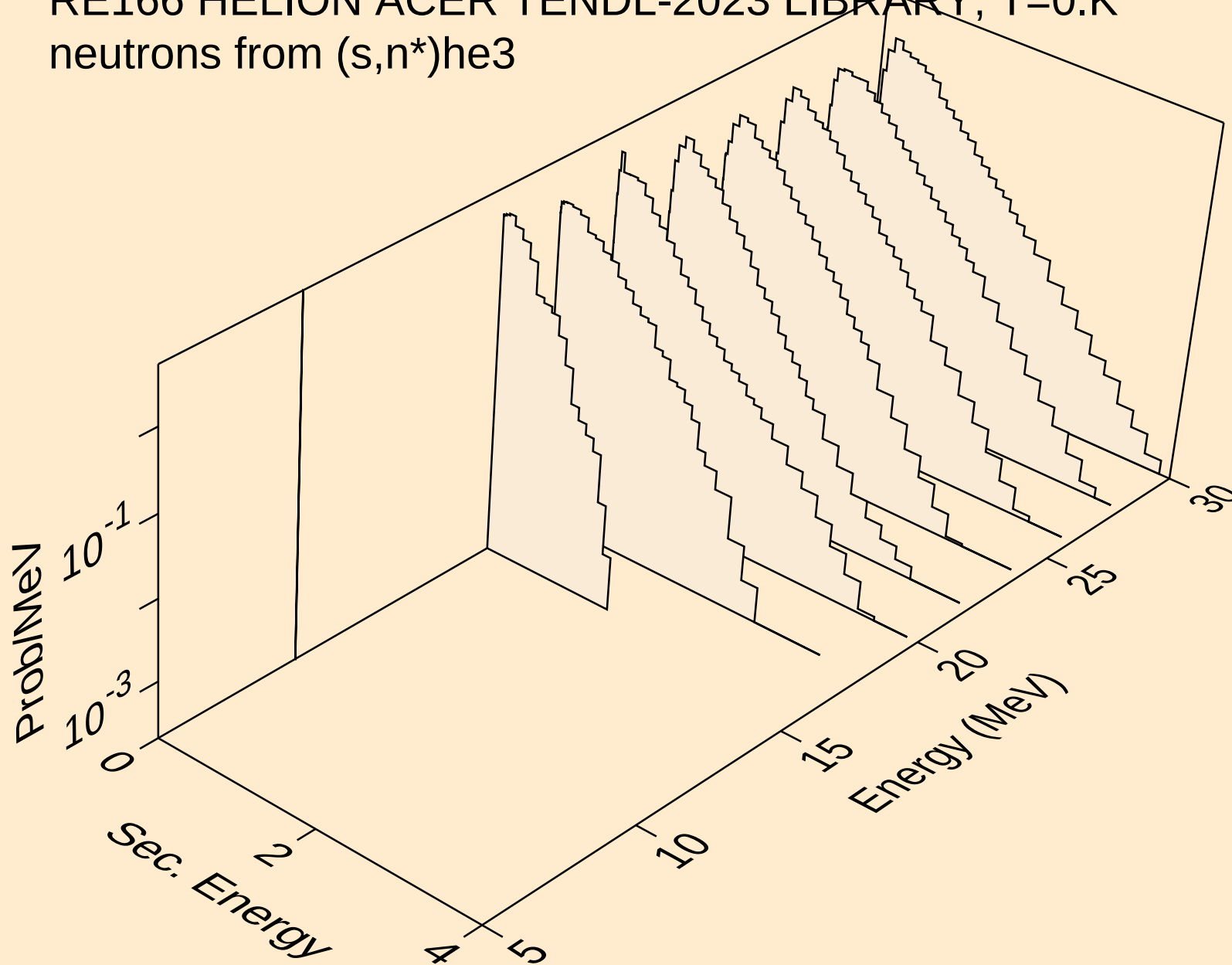
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neutrons from (s,n\*)d



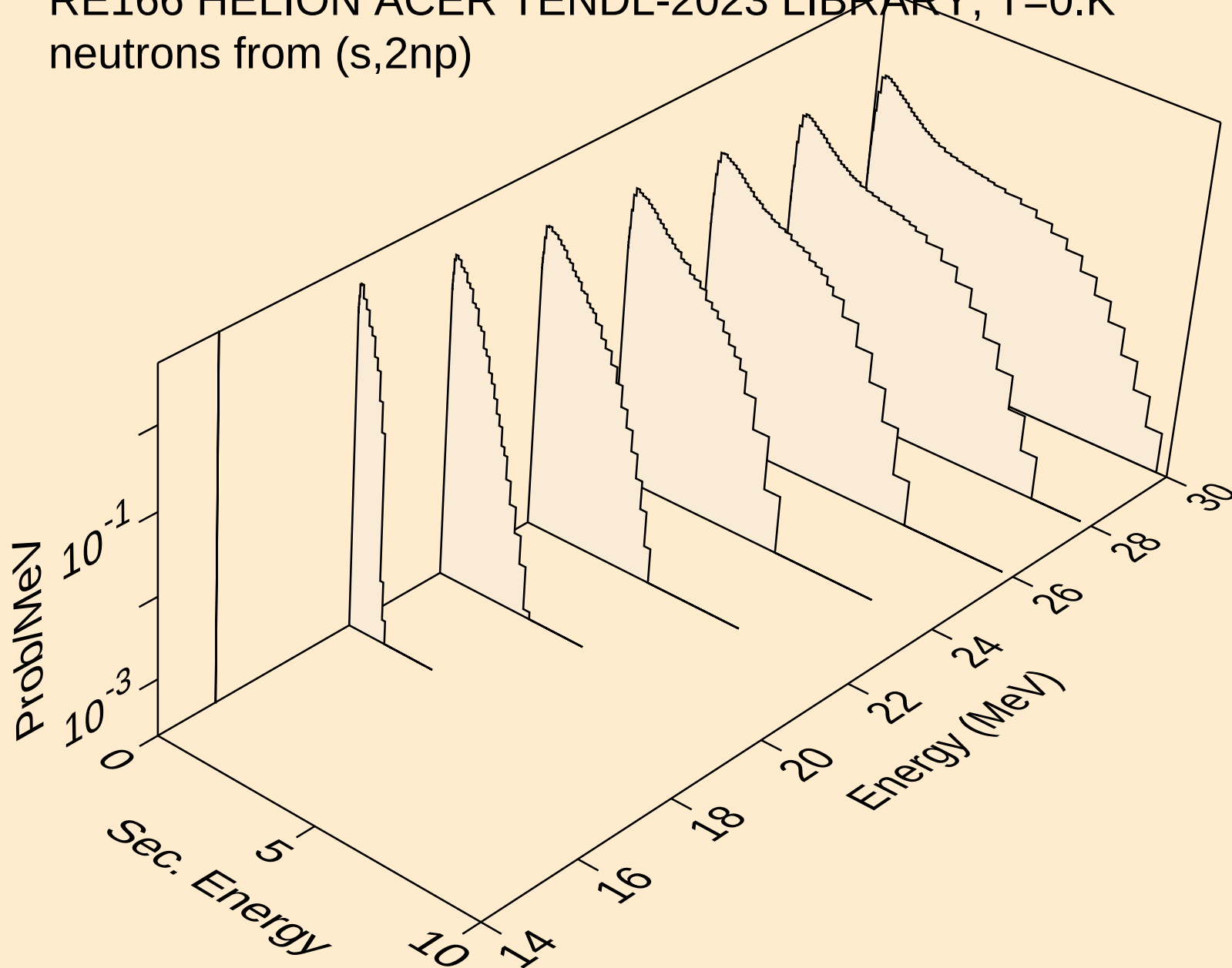
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



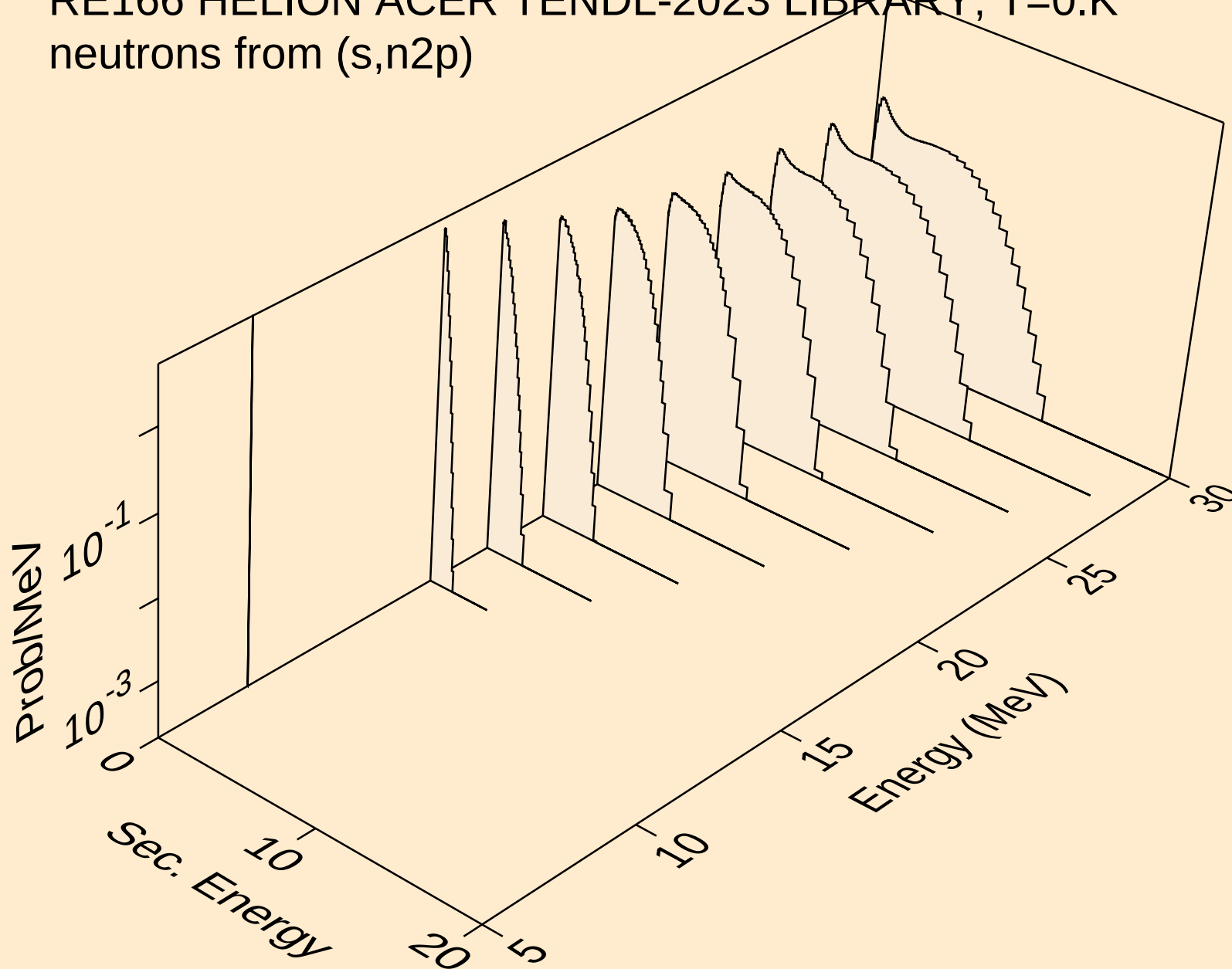
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

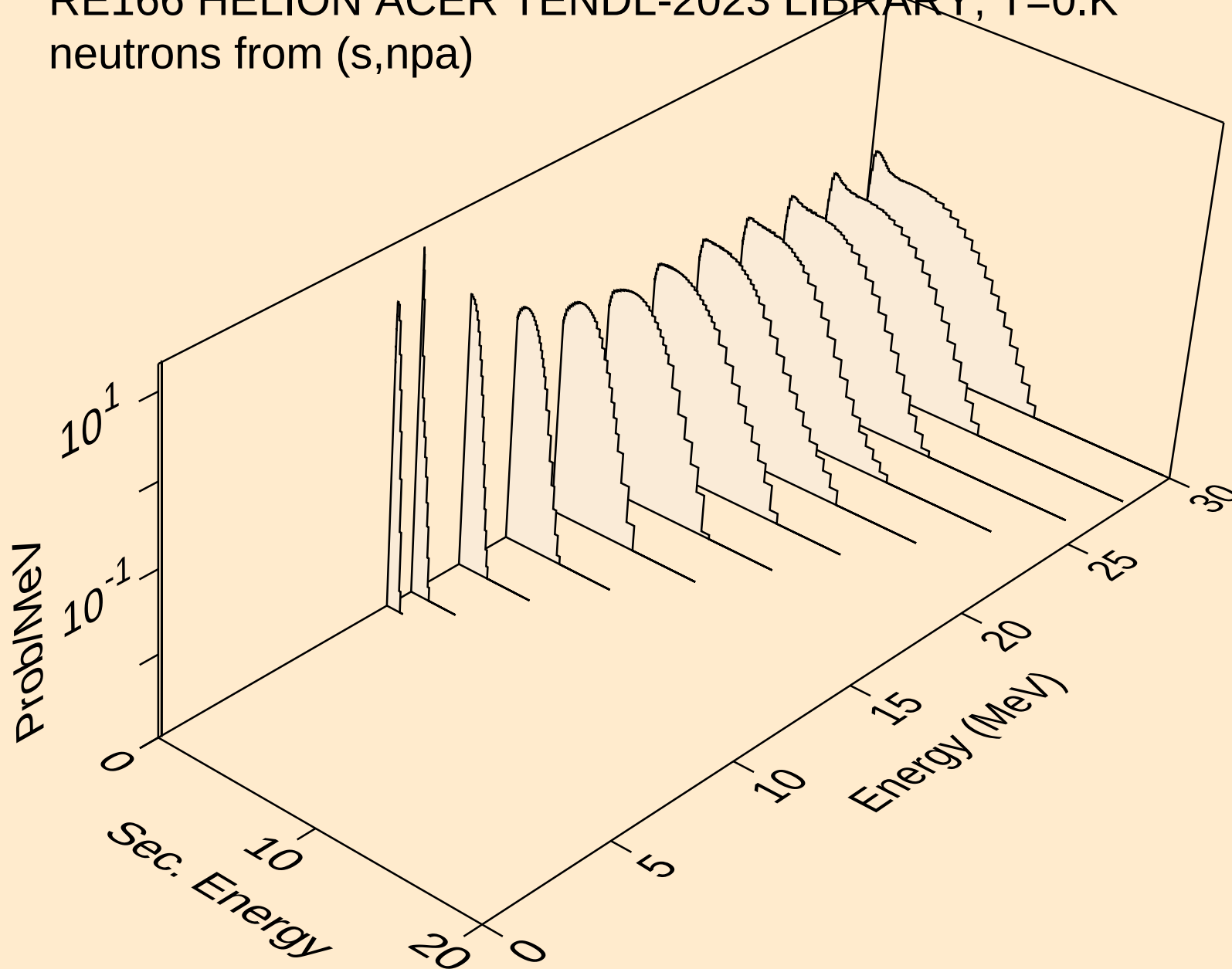


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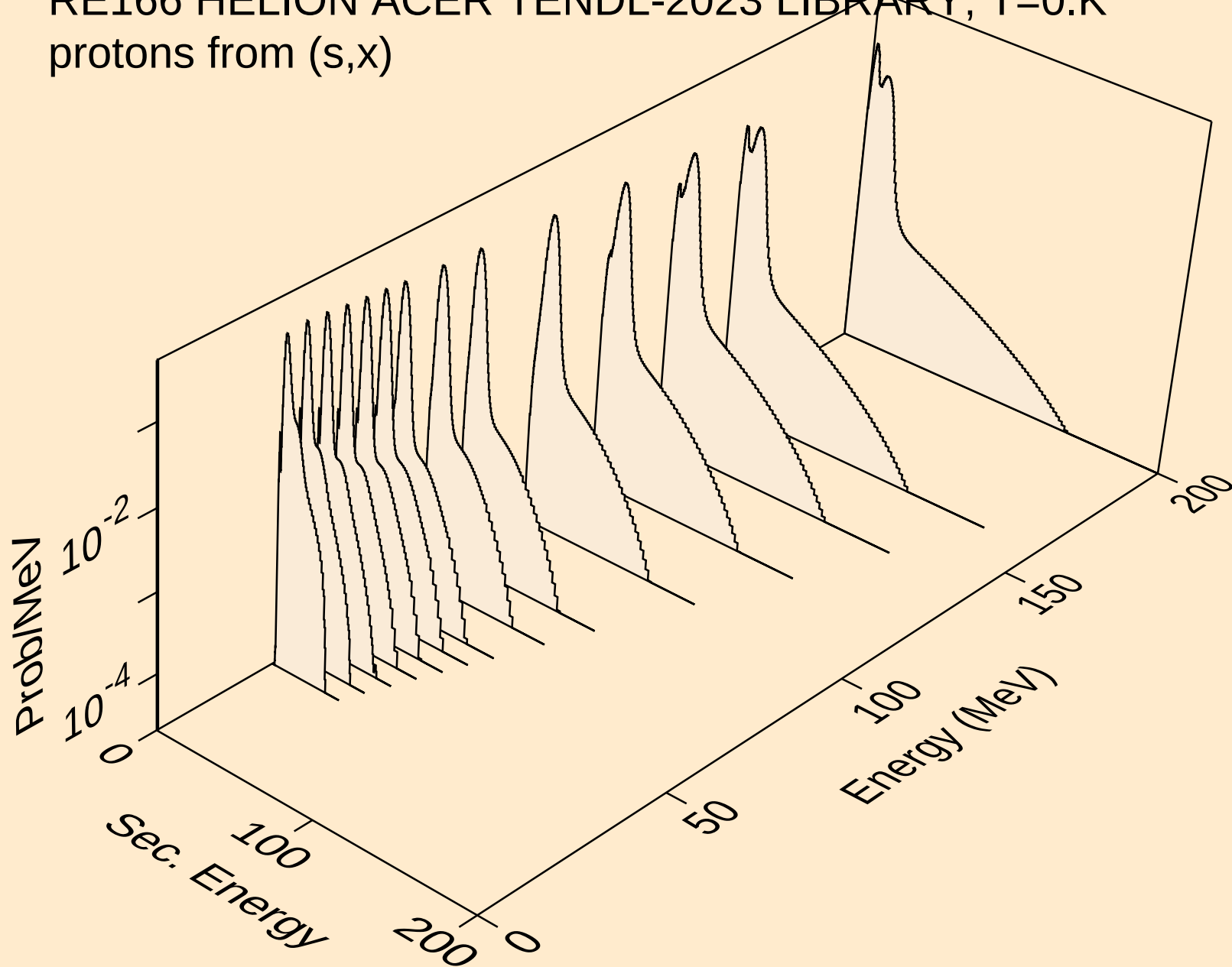




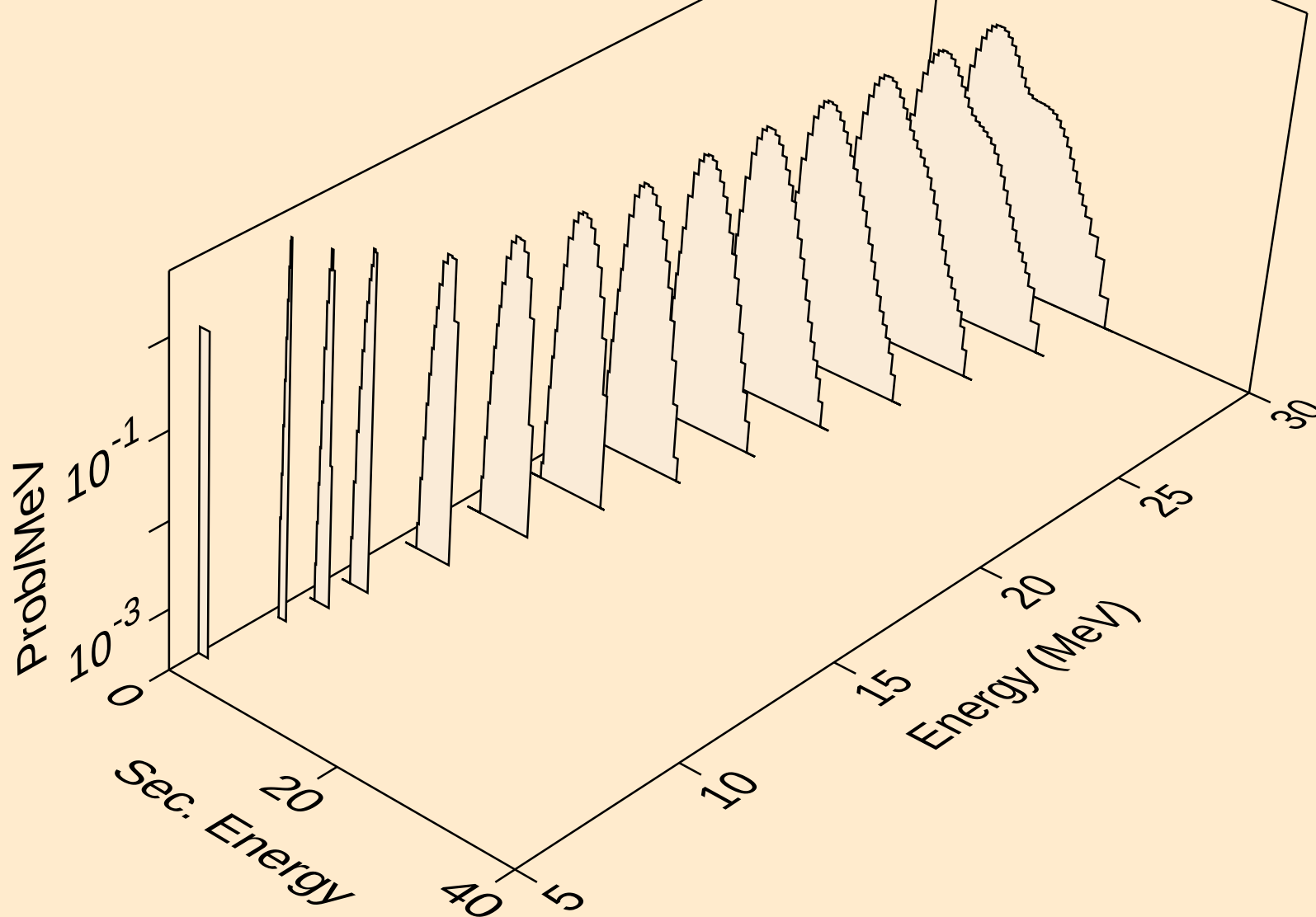
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neutrons from (s,npa)



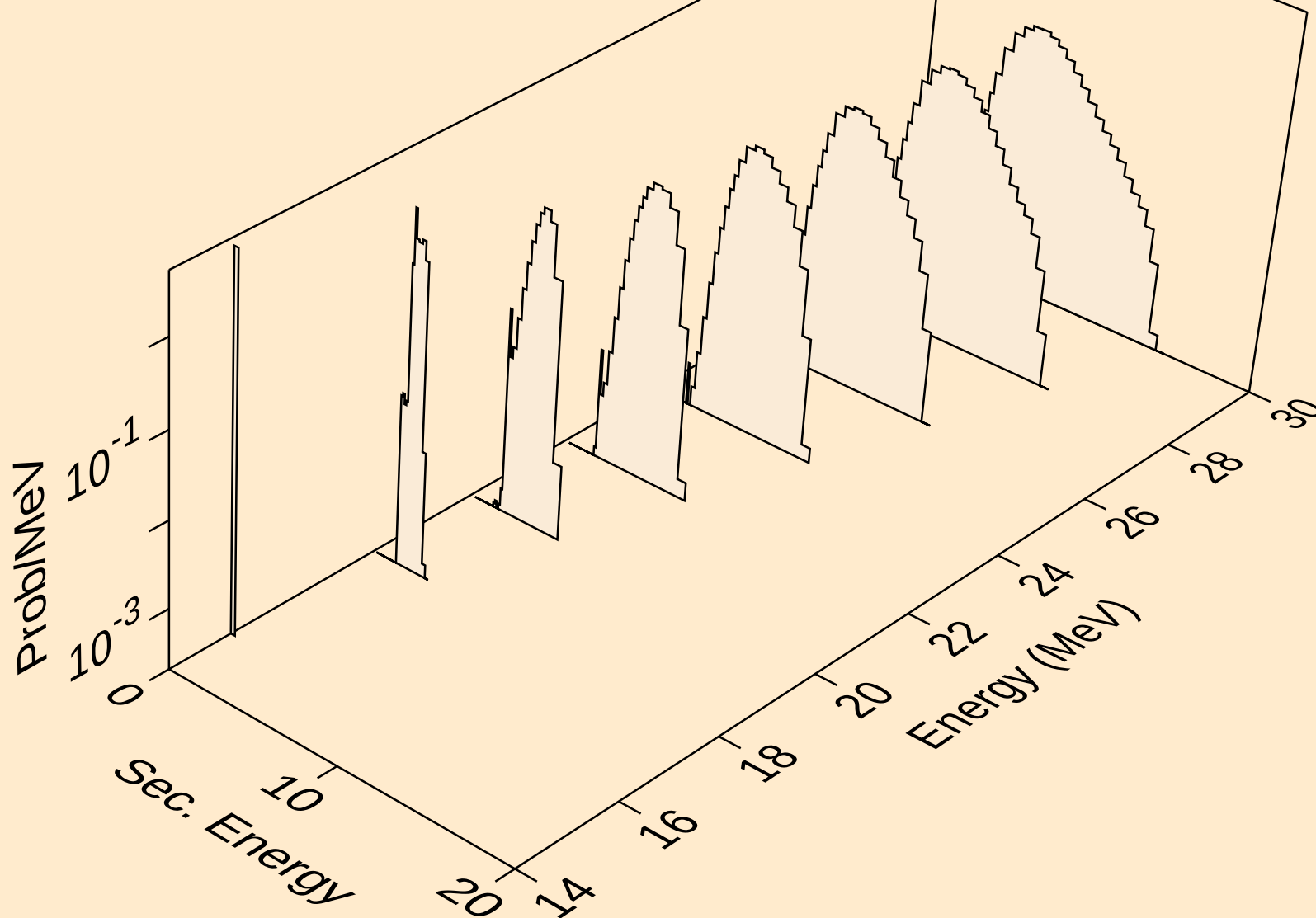
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protons from (s,x)



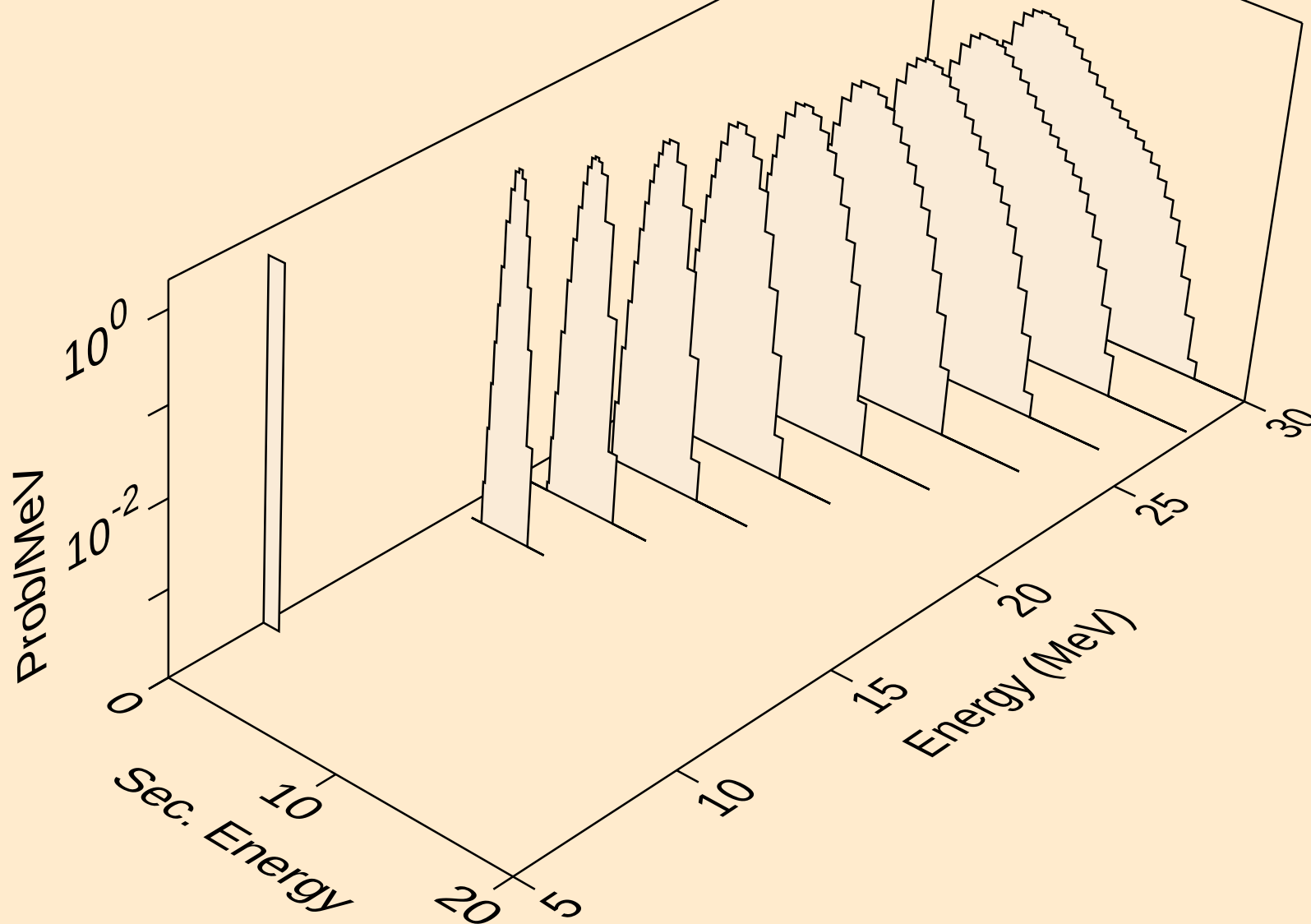
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protons from (s,n\*)p



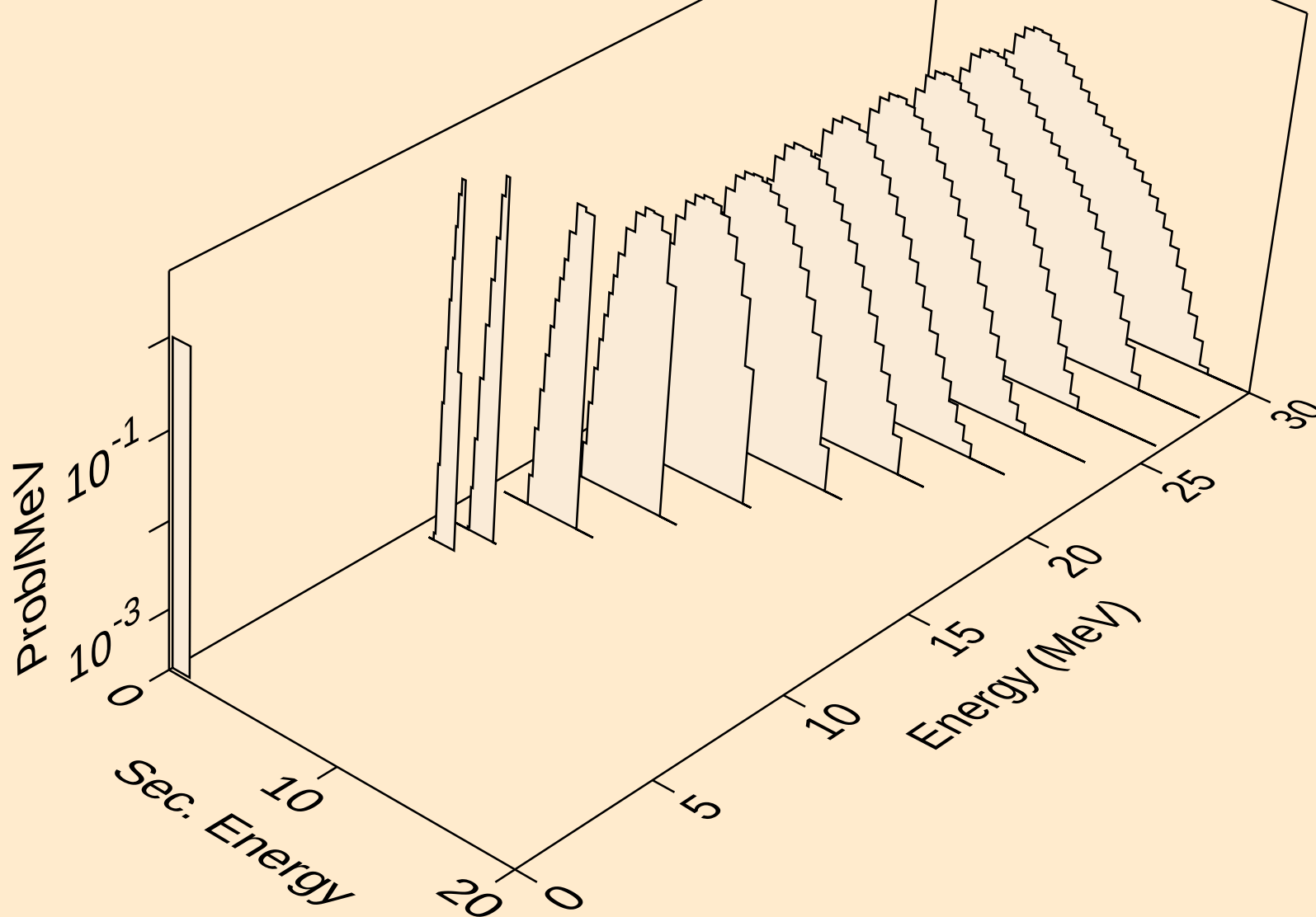
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



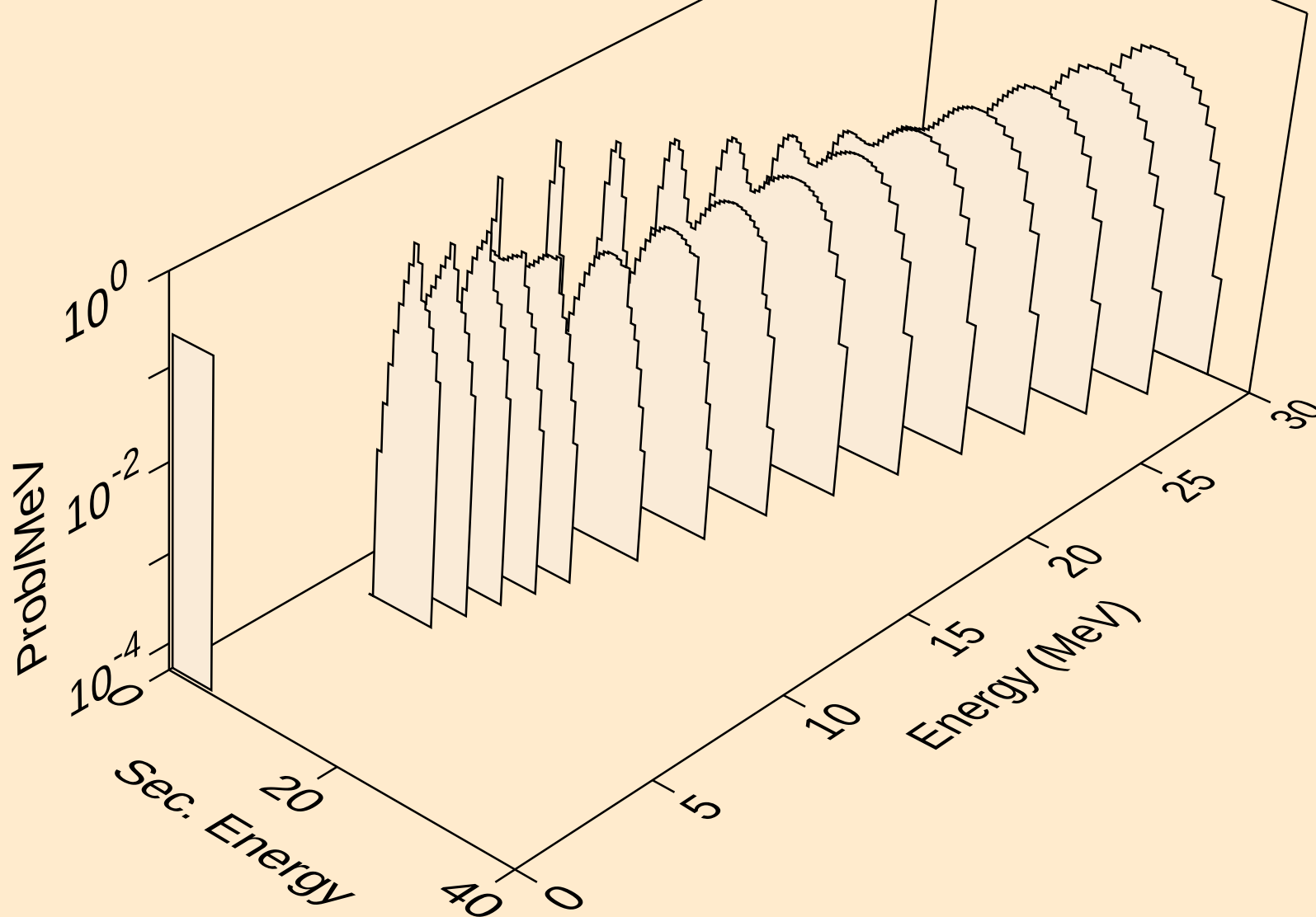
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protons from (s,n2p)



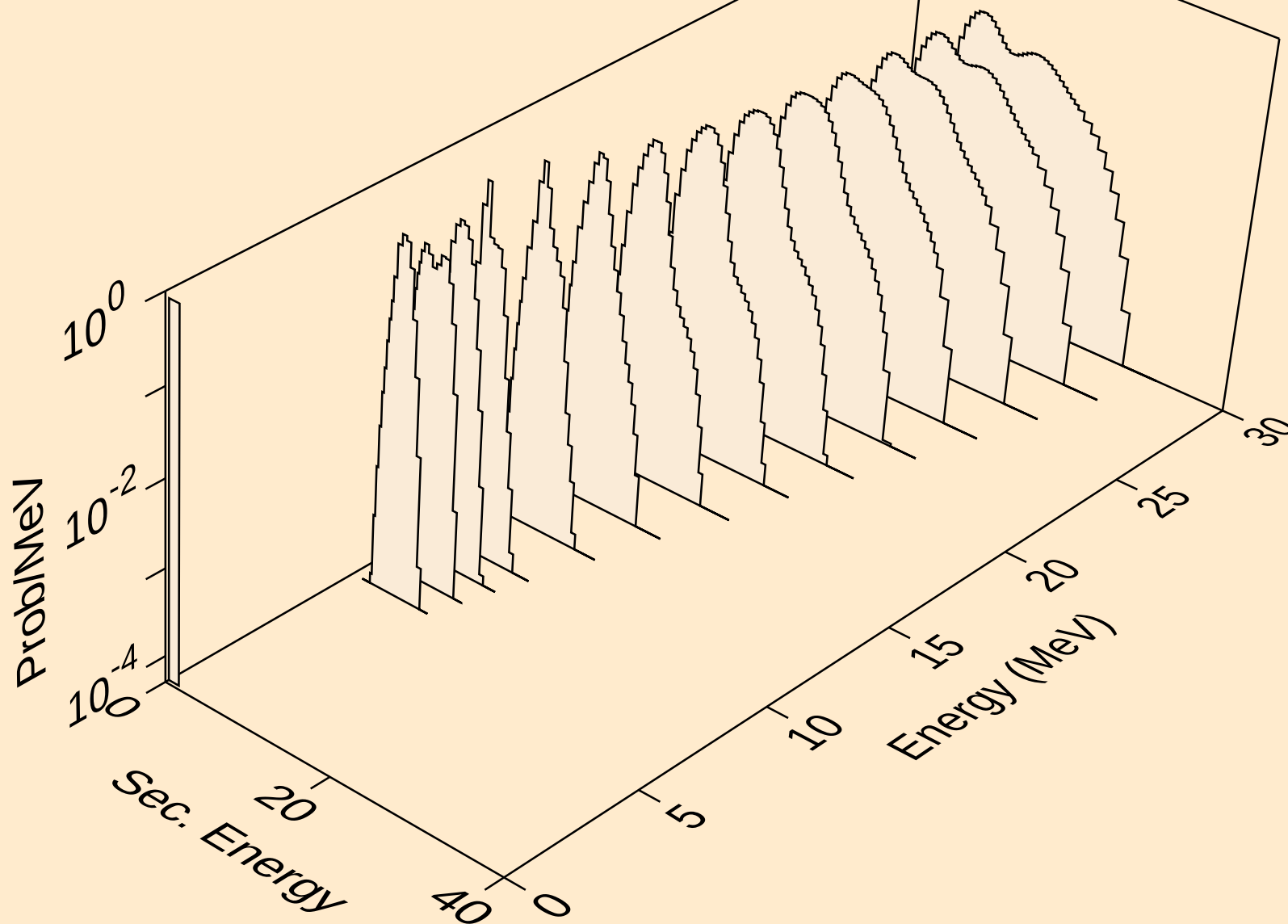
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

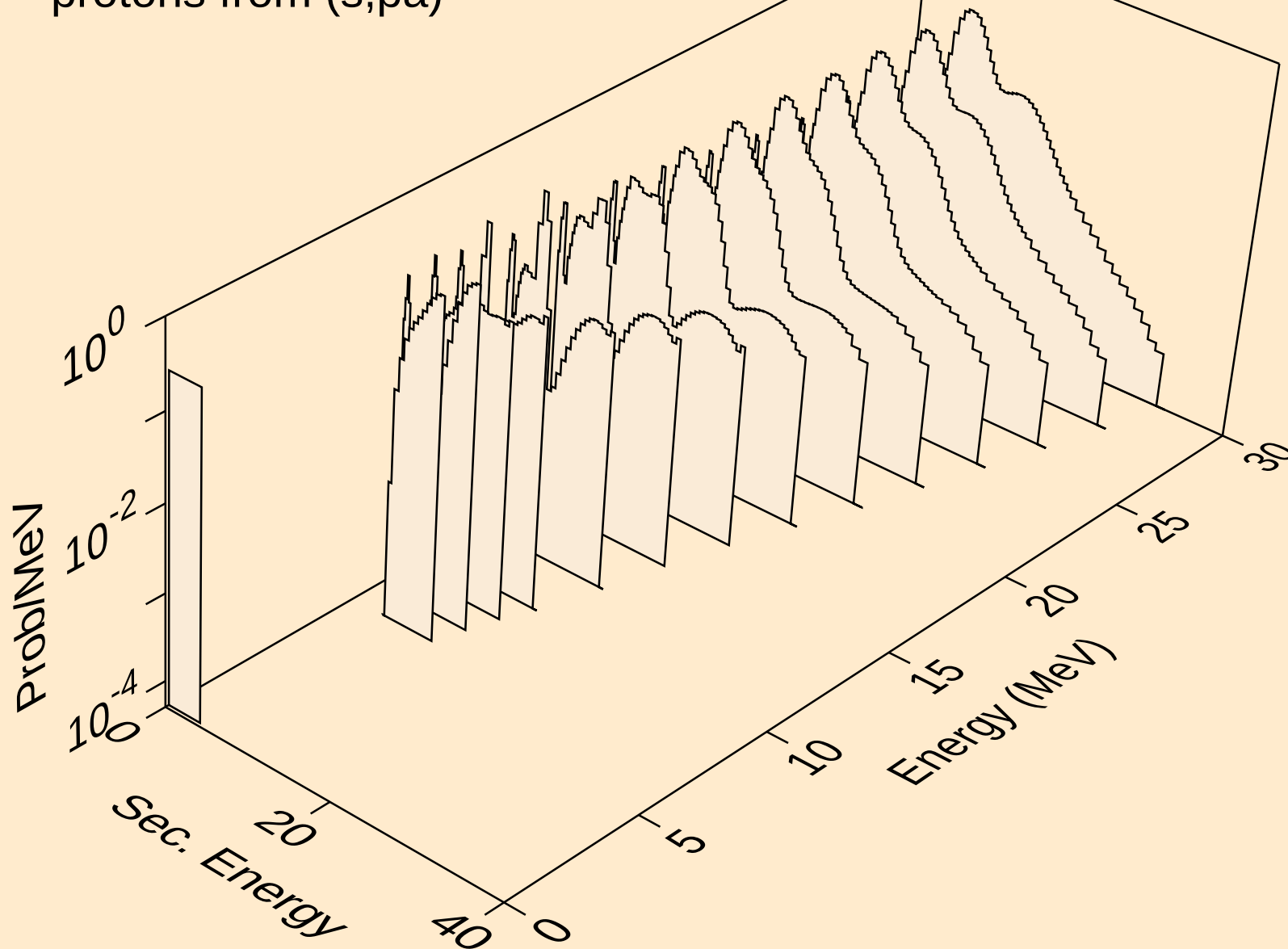


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

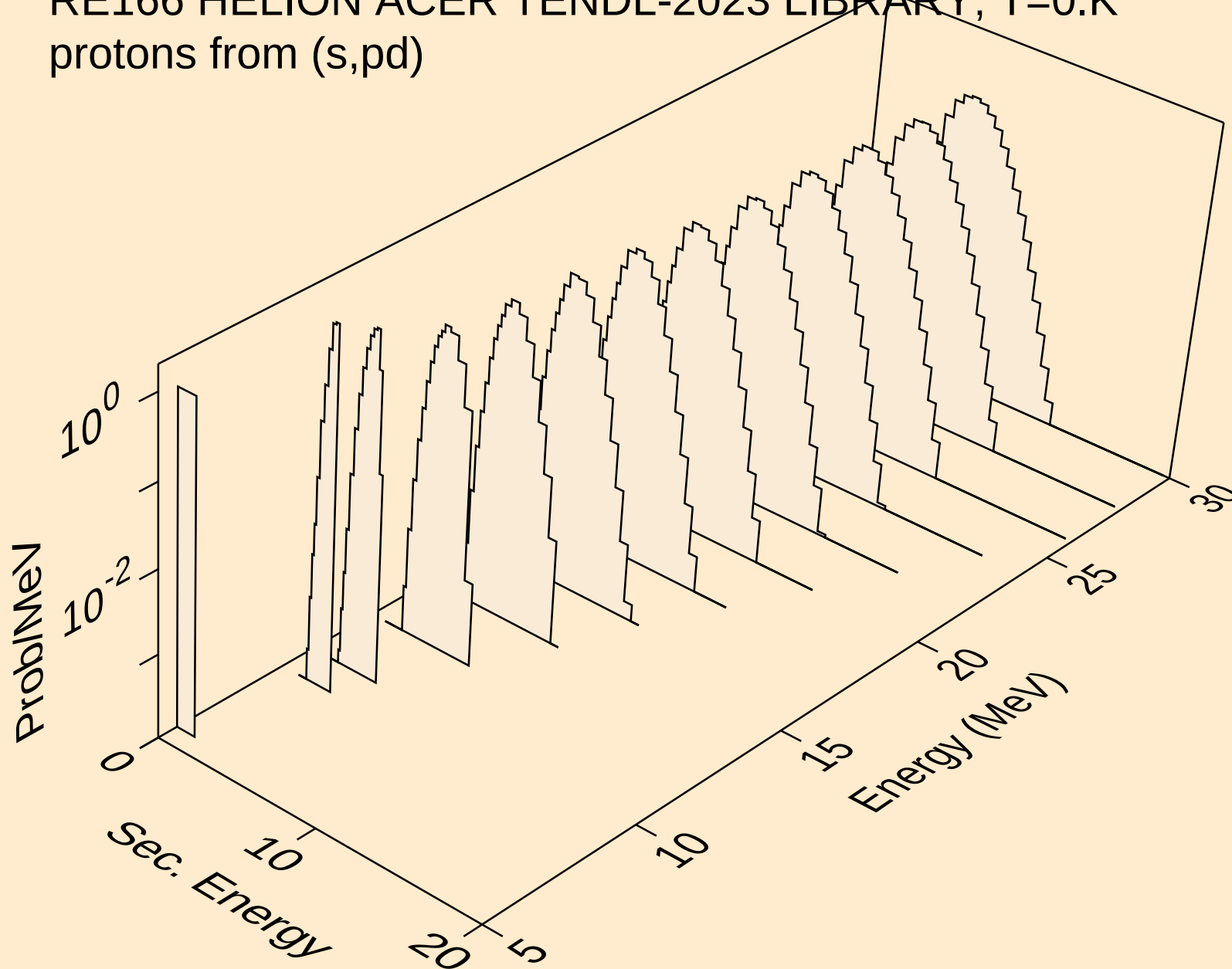




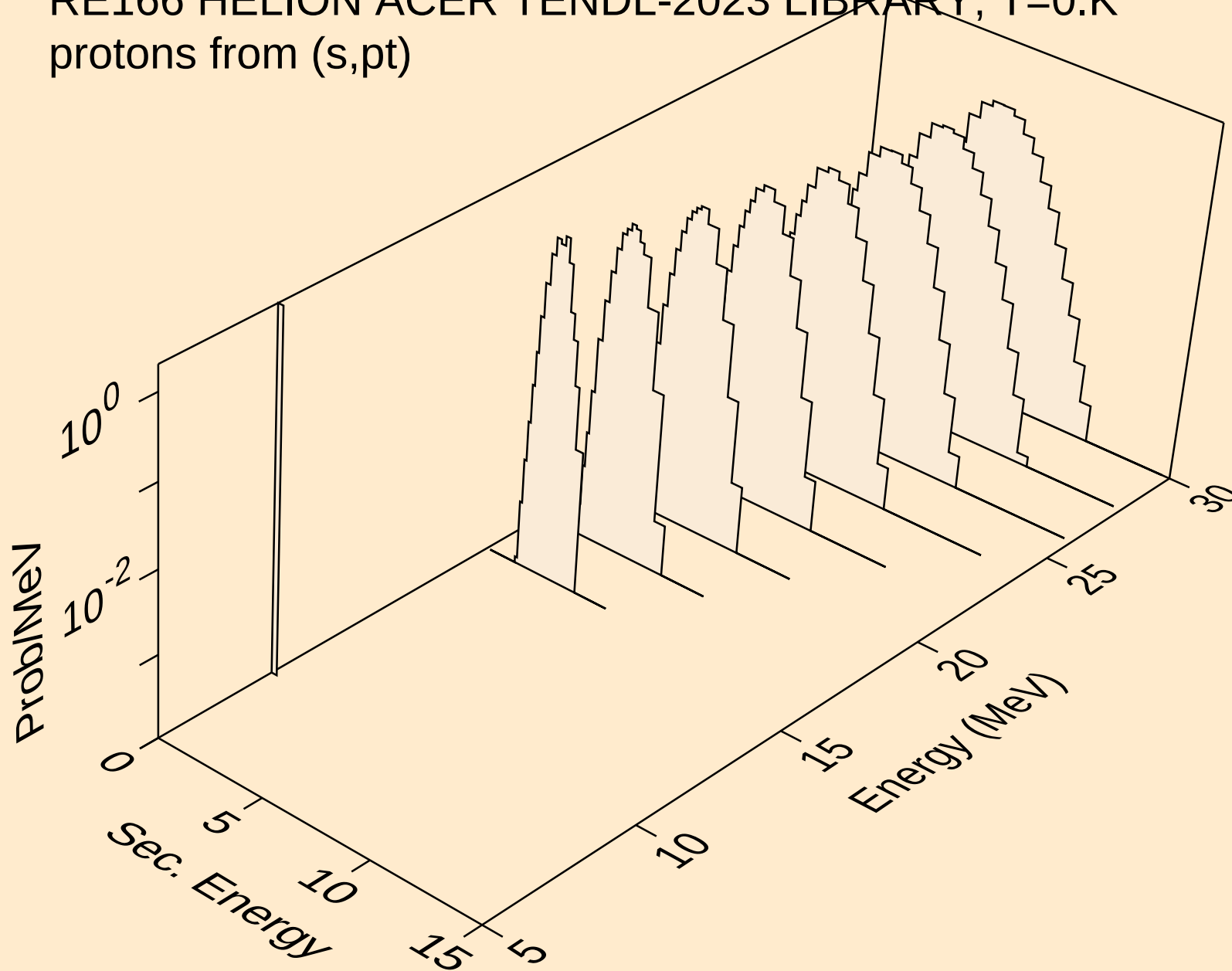
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protons from (s,pa)



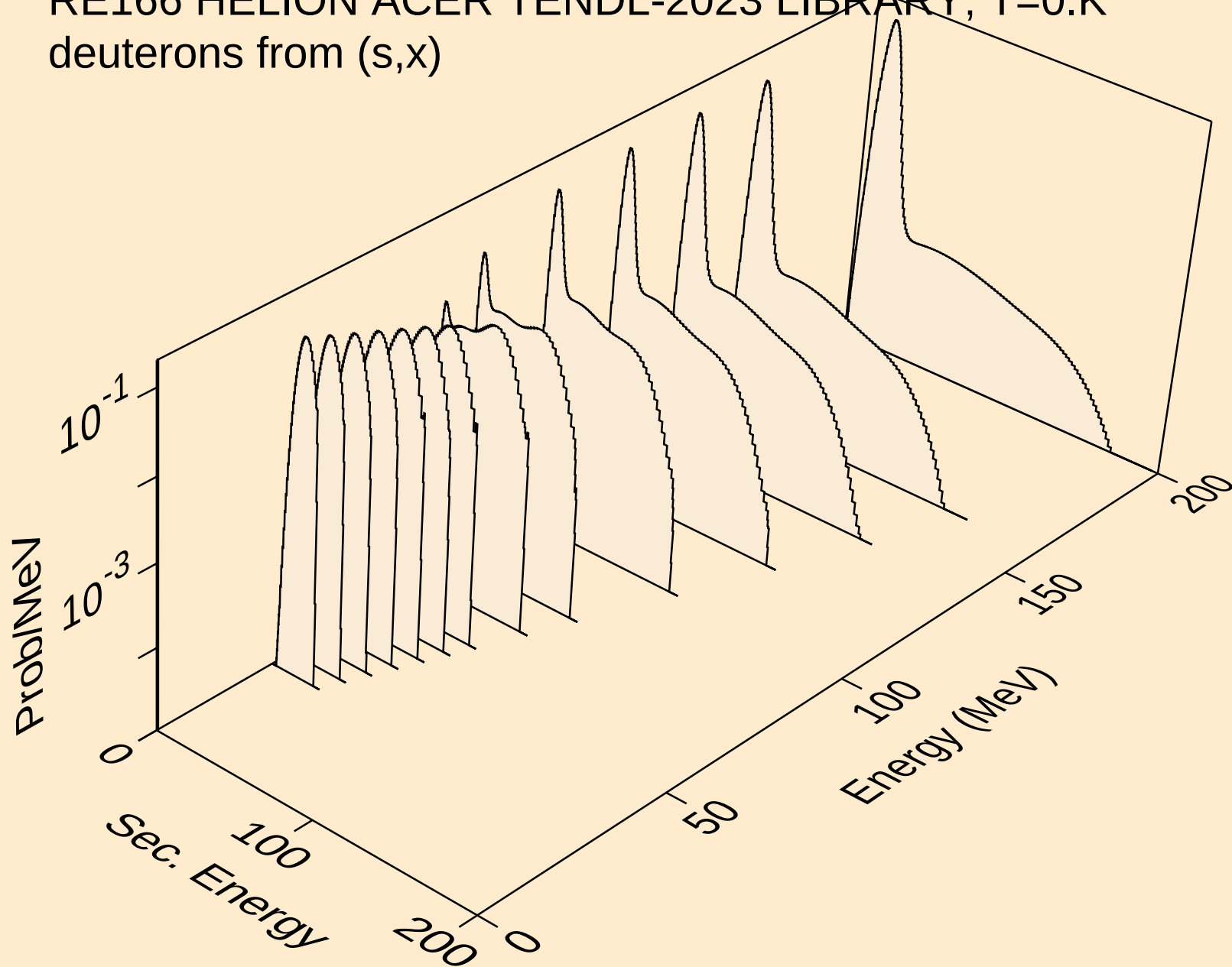
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protons from (s,pd)



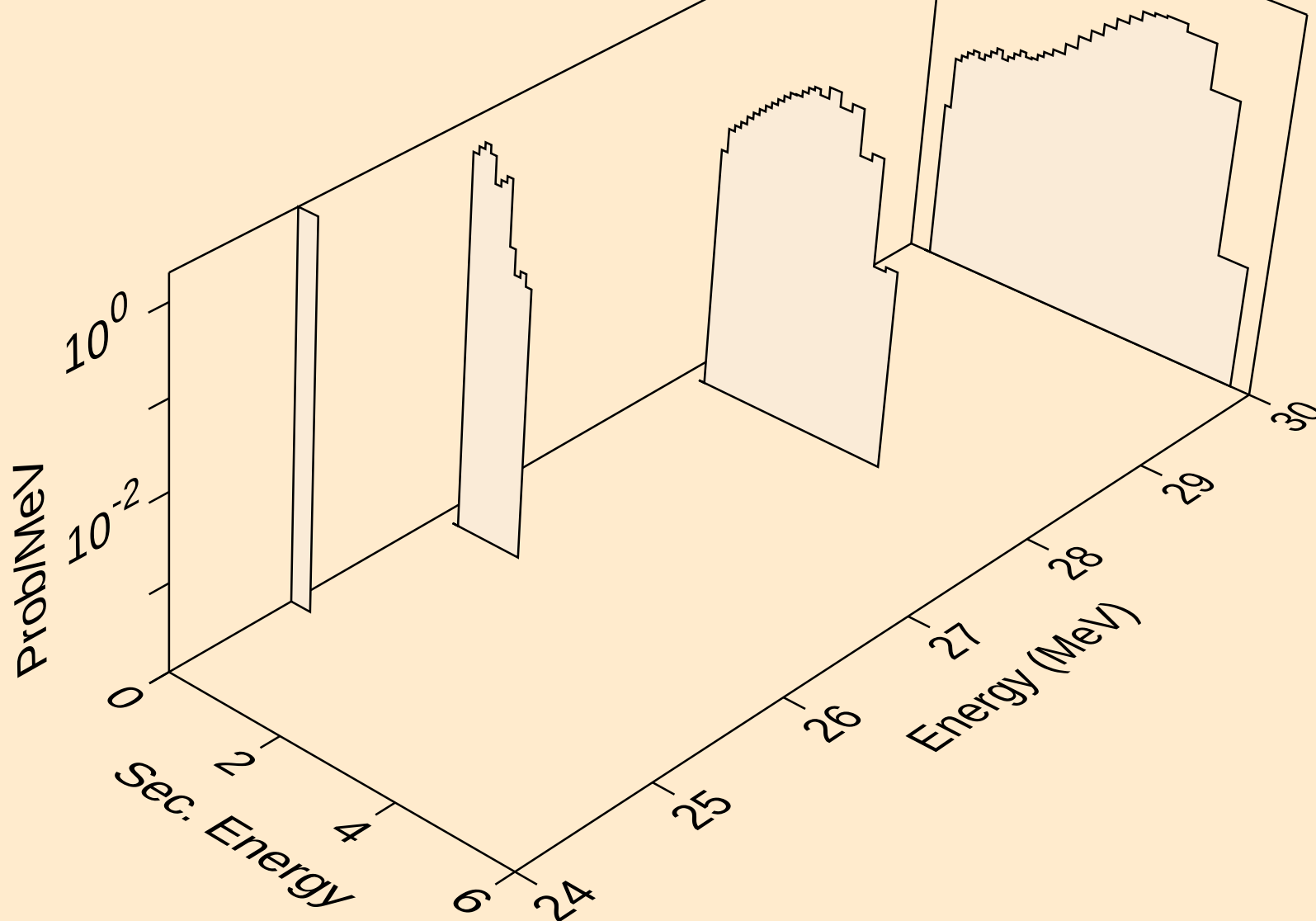
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protons from (s,pt)



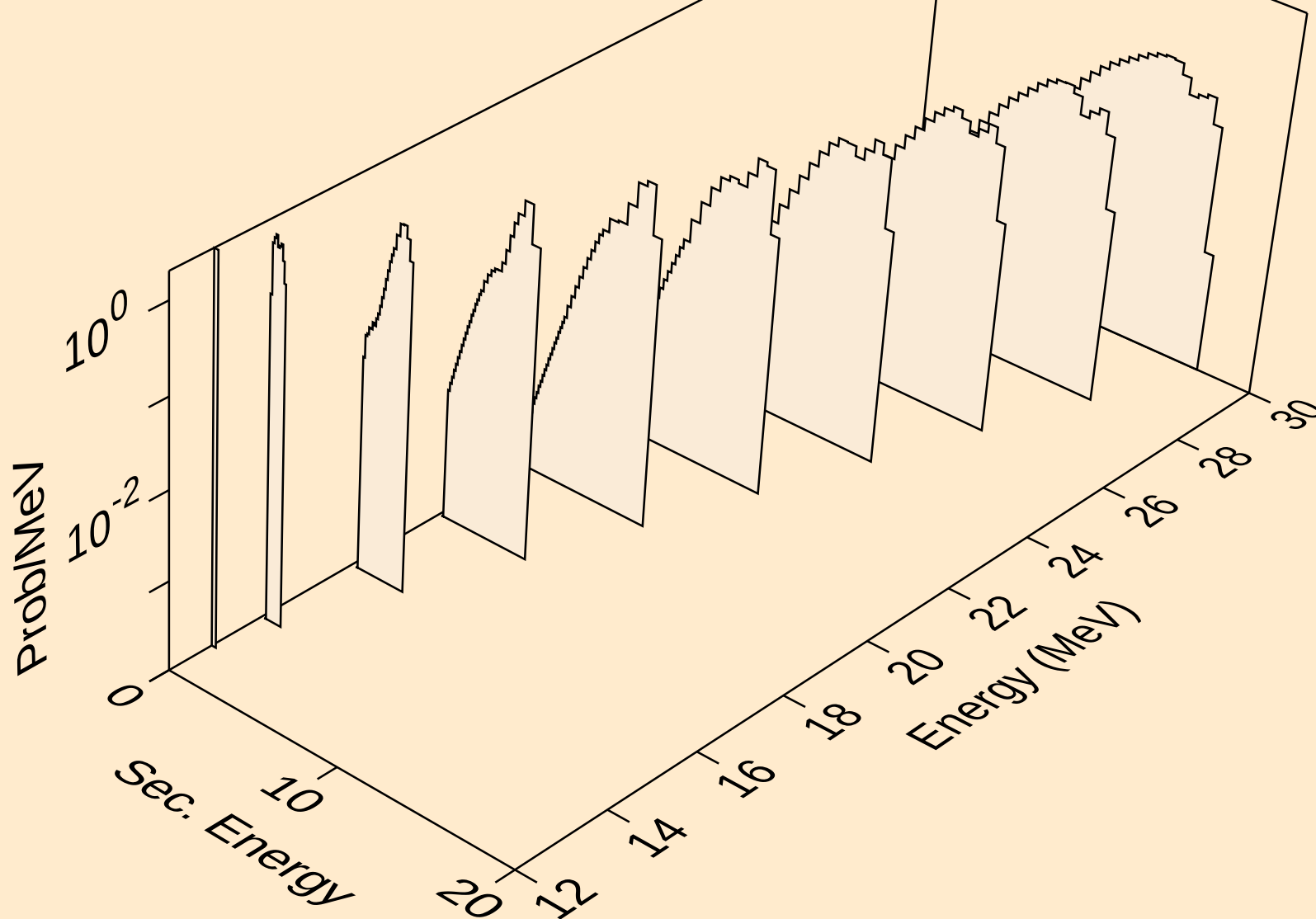
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



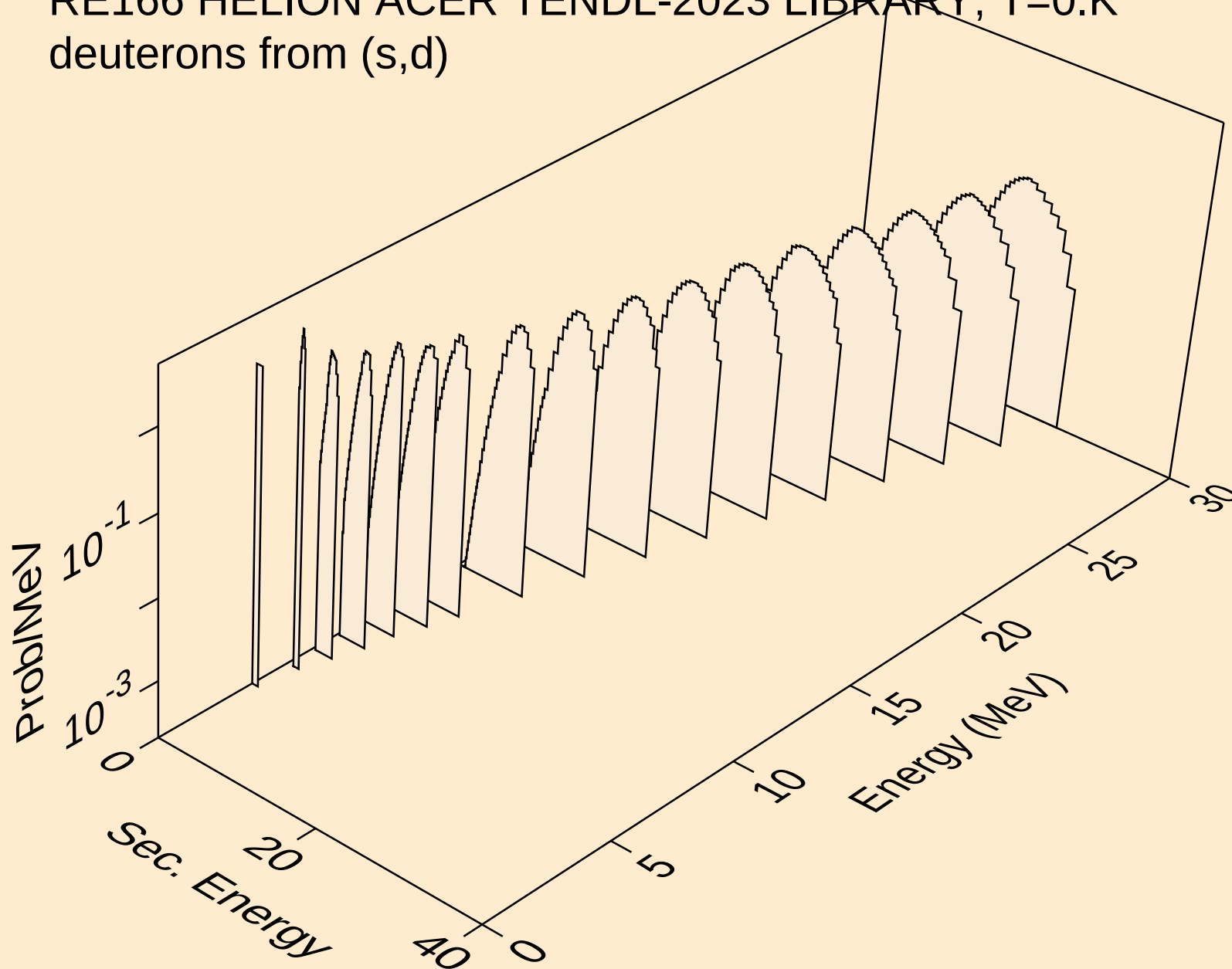
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deuterons from (s,2nd)



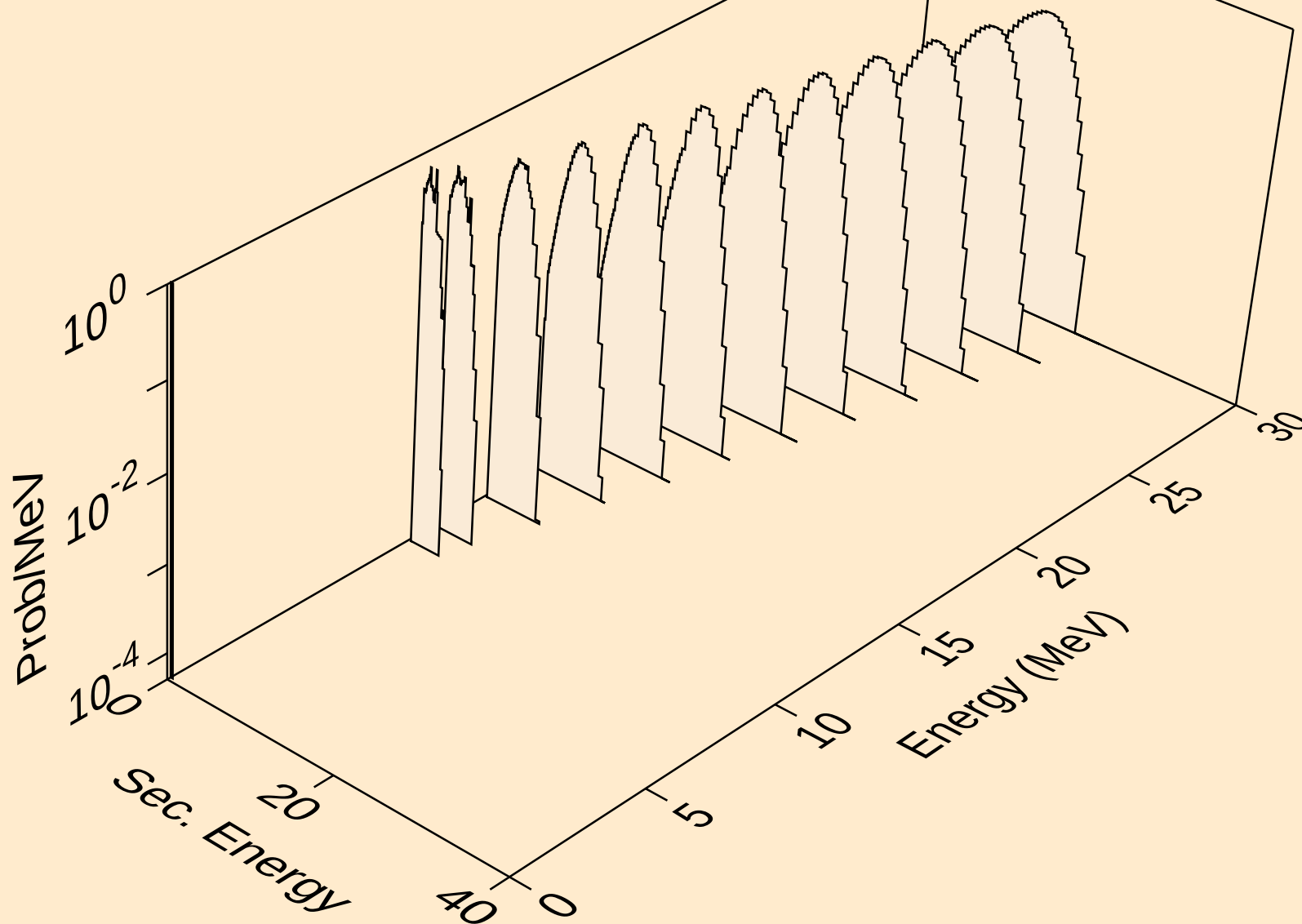
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

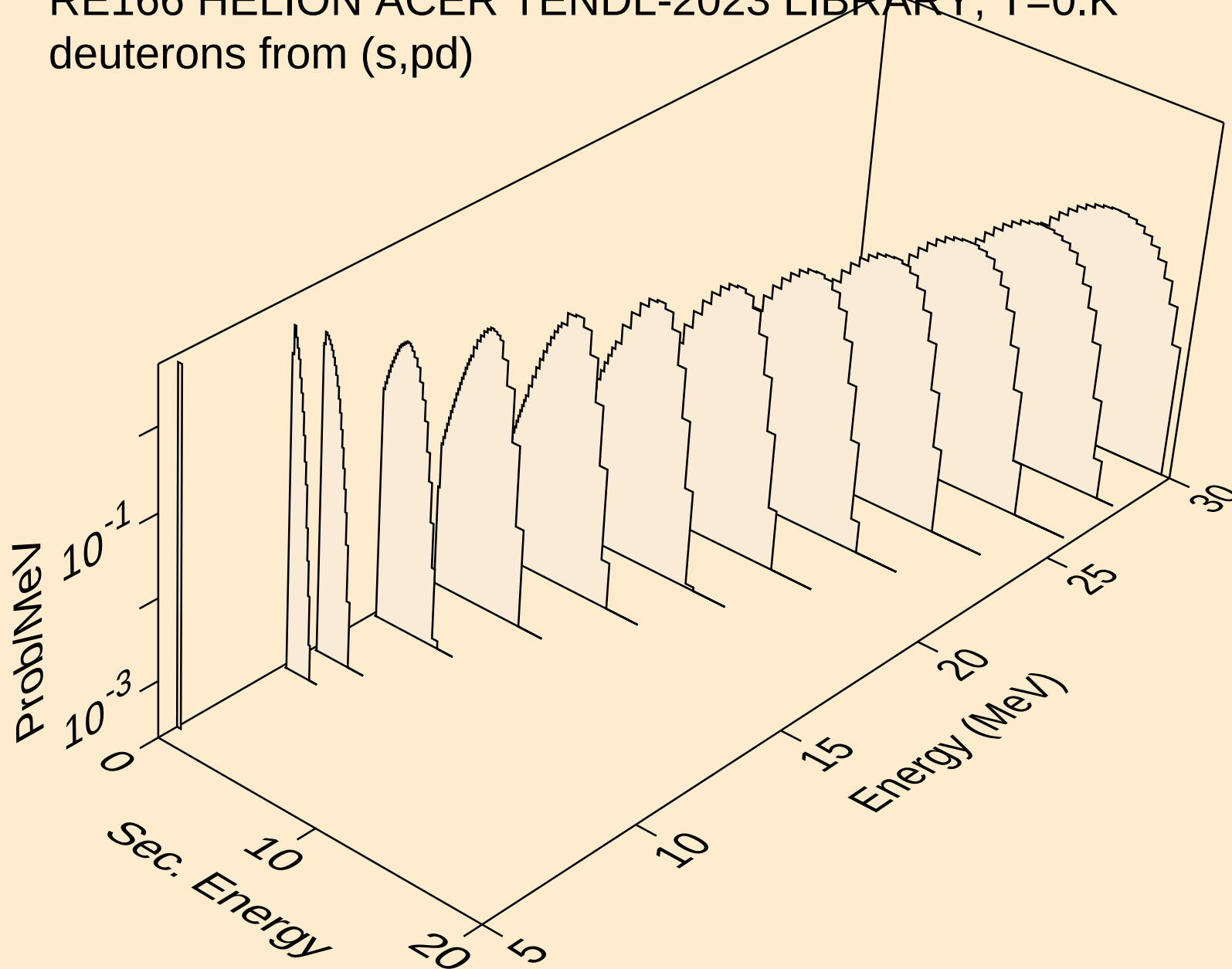


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d2a)

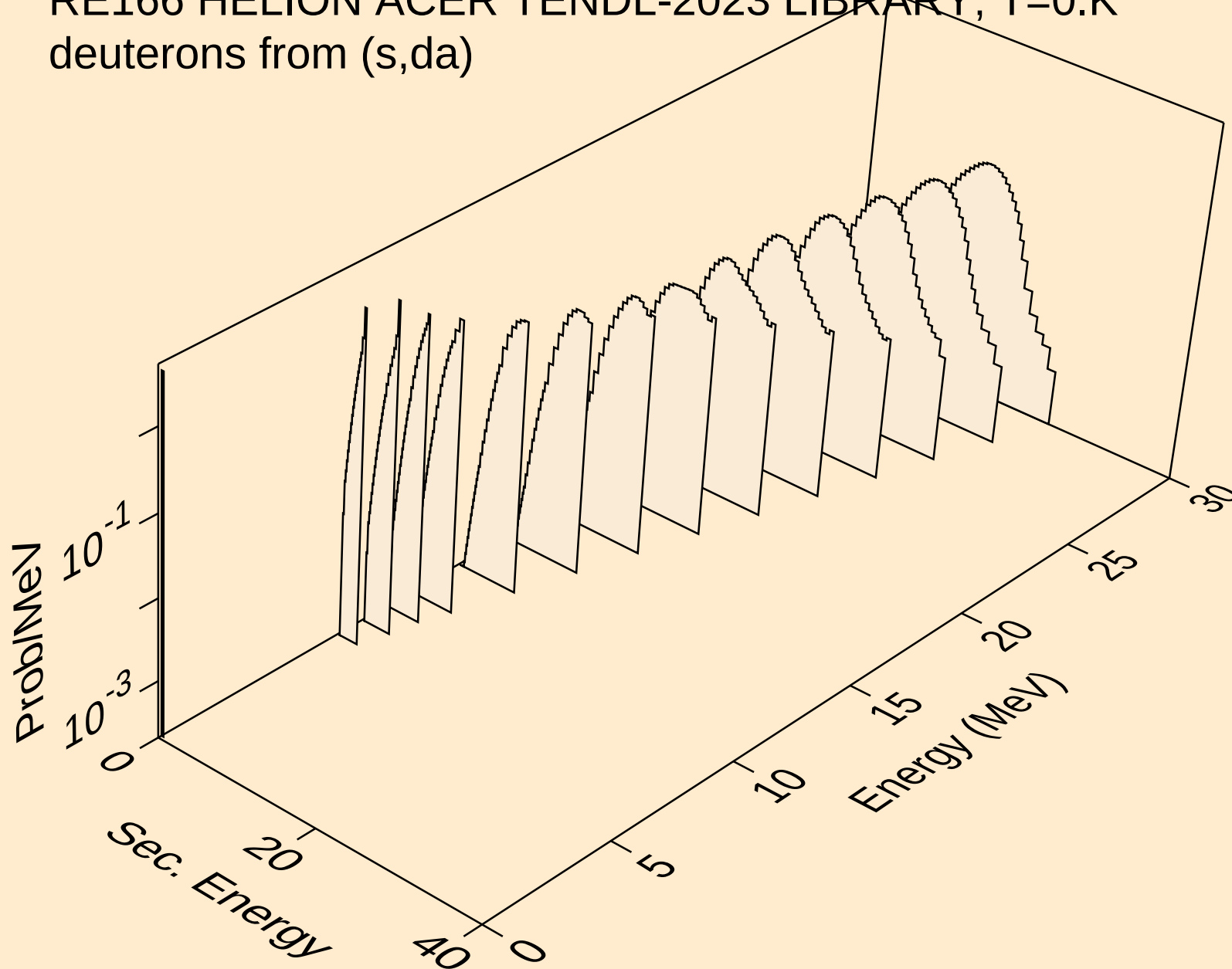




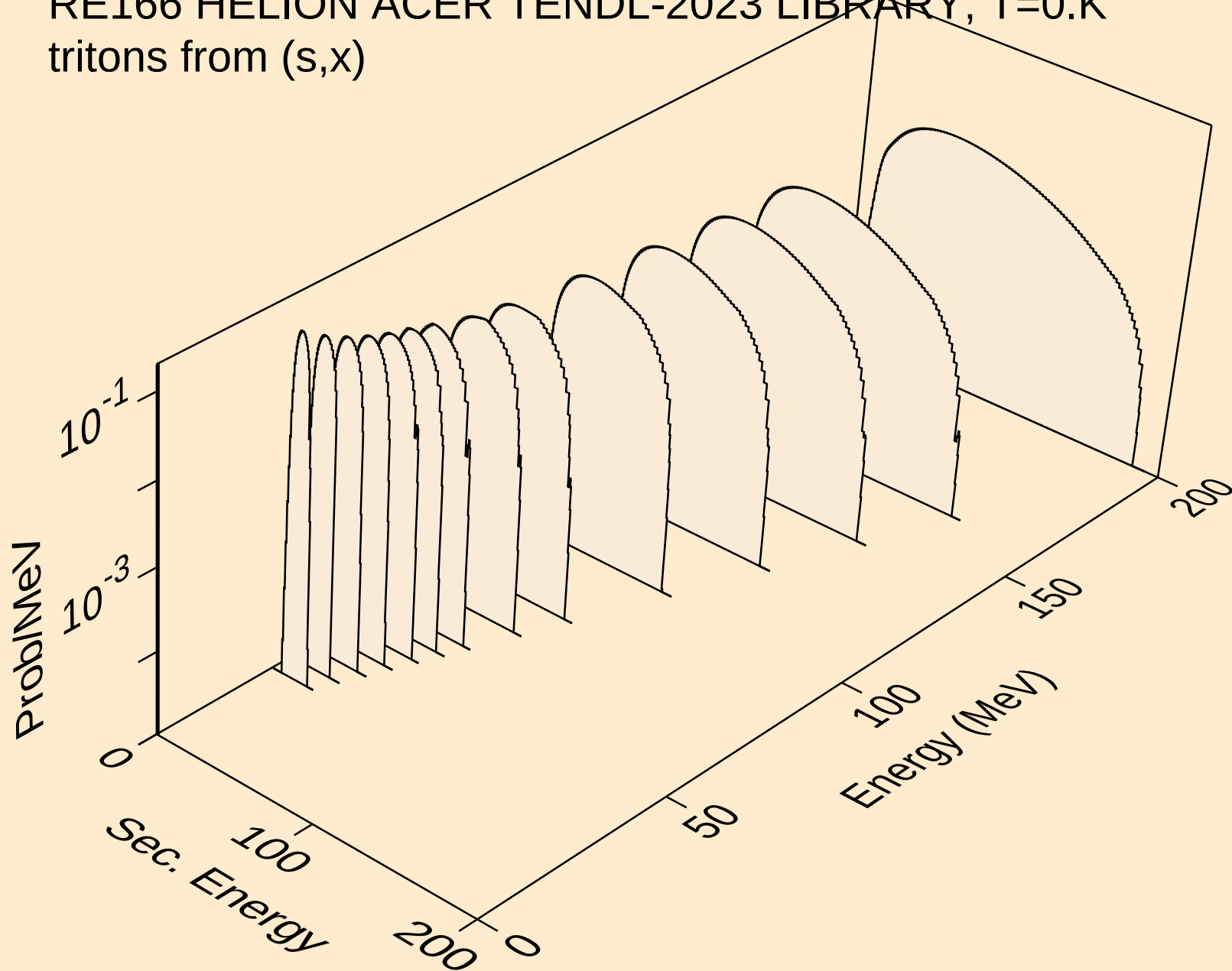
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deuterons from (s,pd)



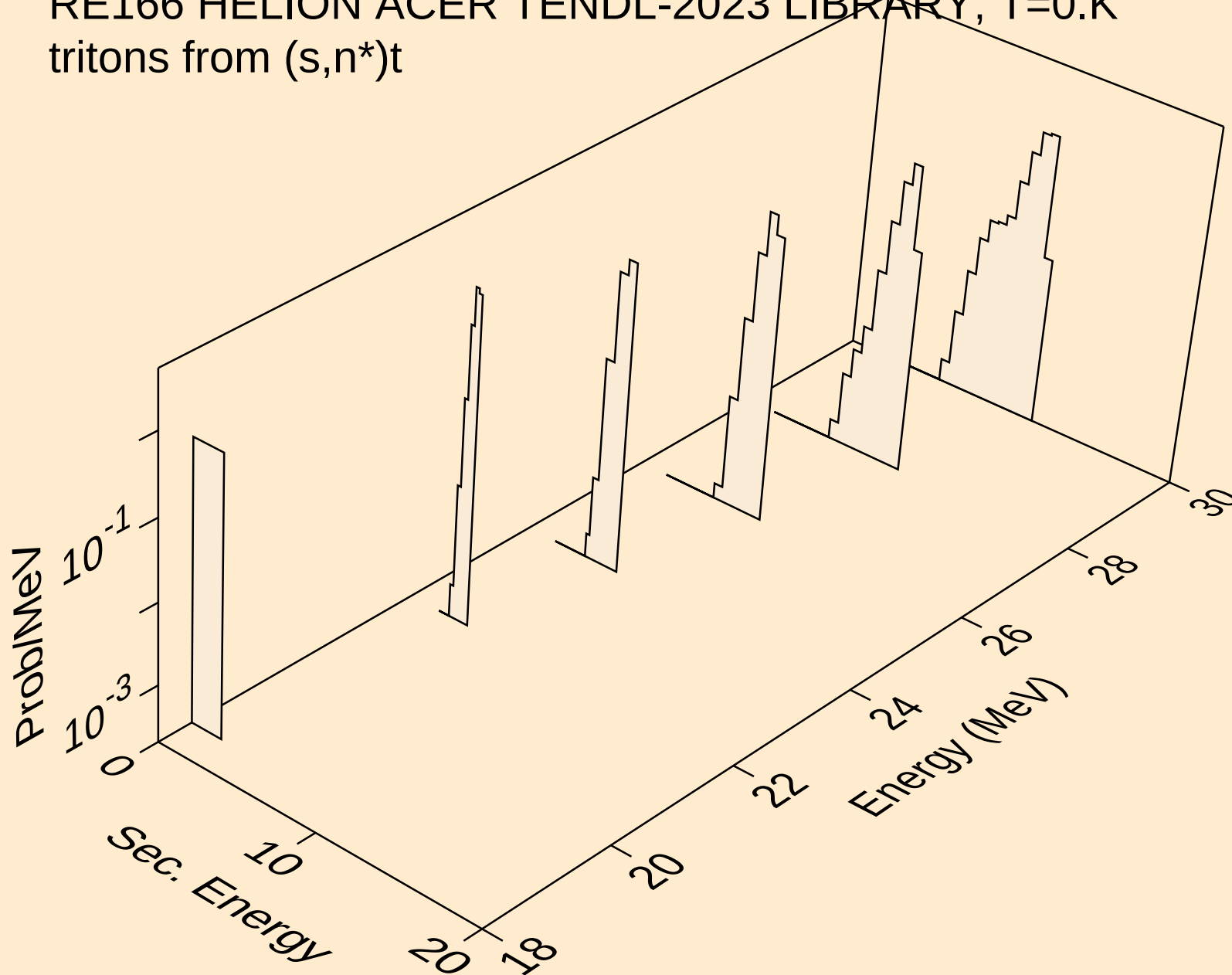
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deuterons from (s,da)



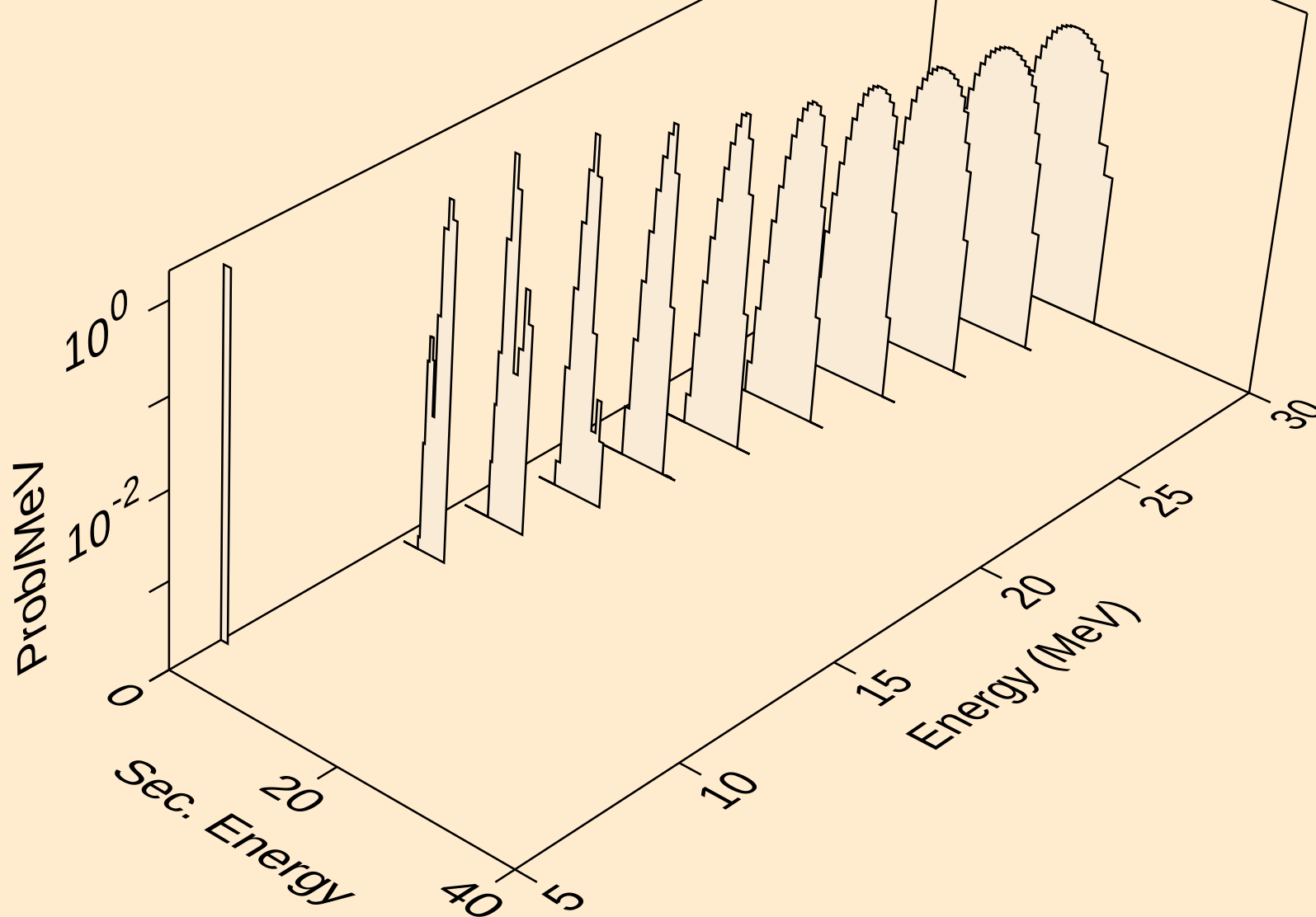
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)



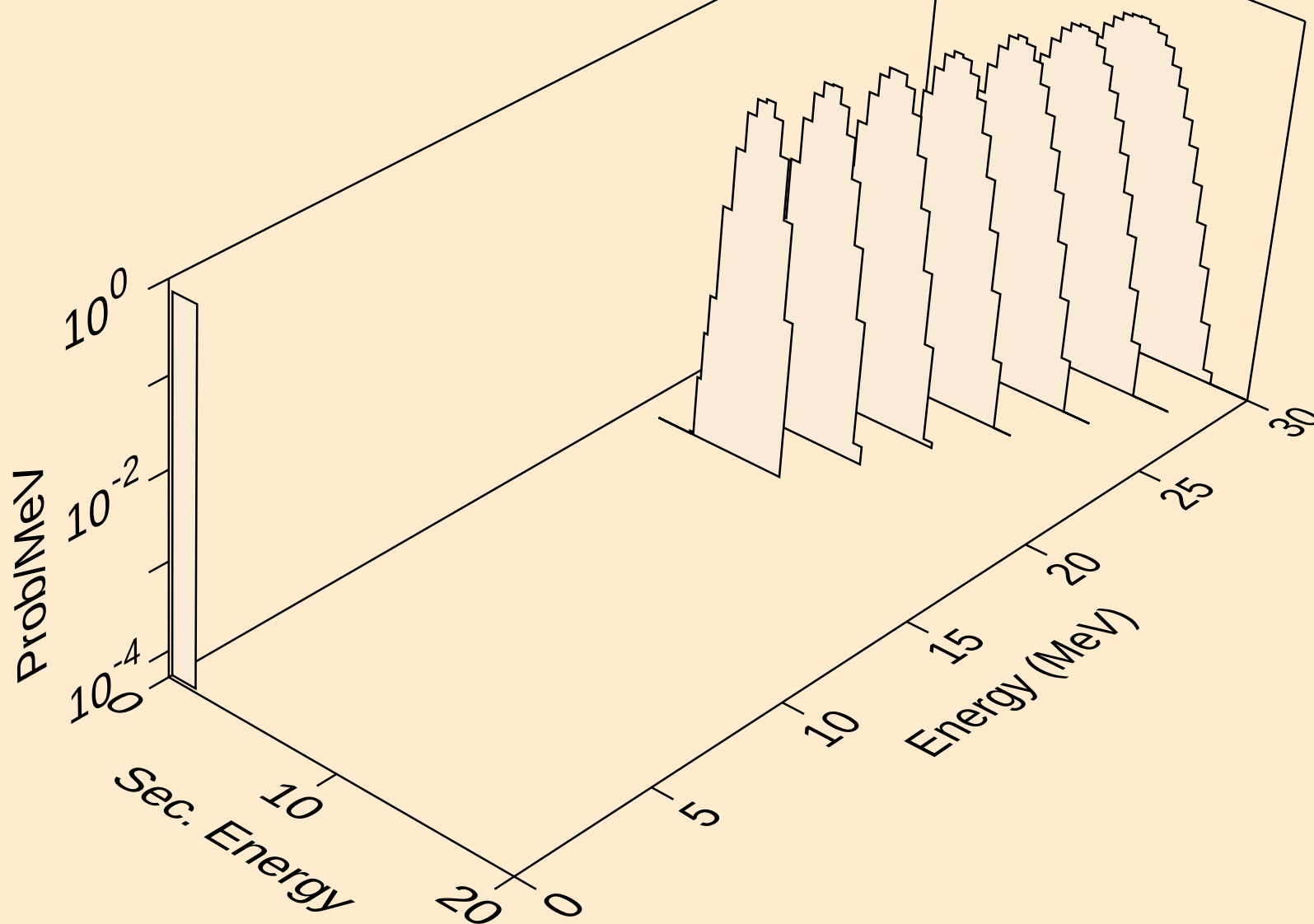
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



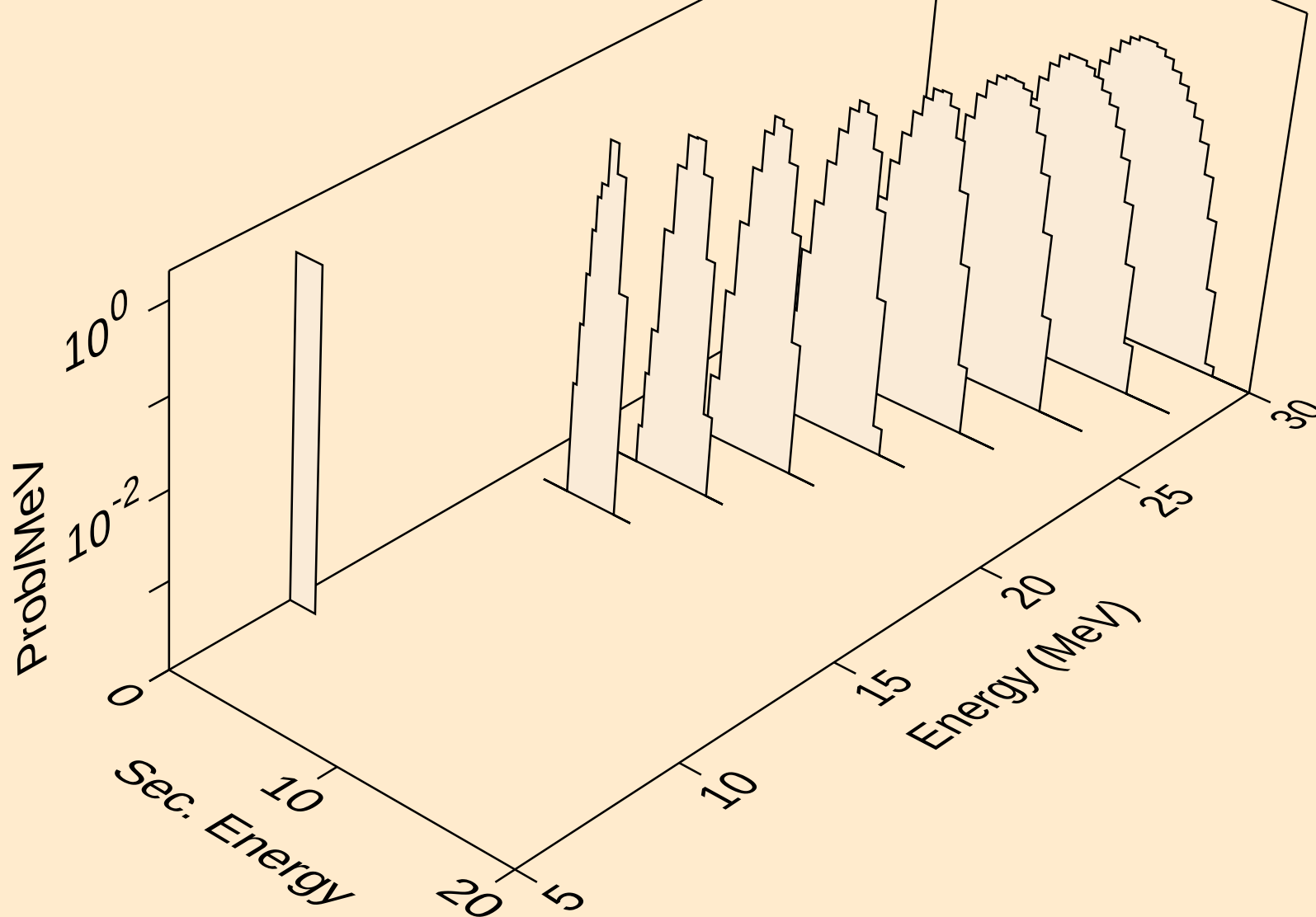
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tritons from (s,t)



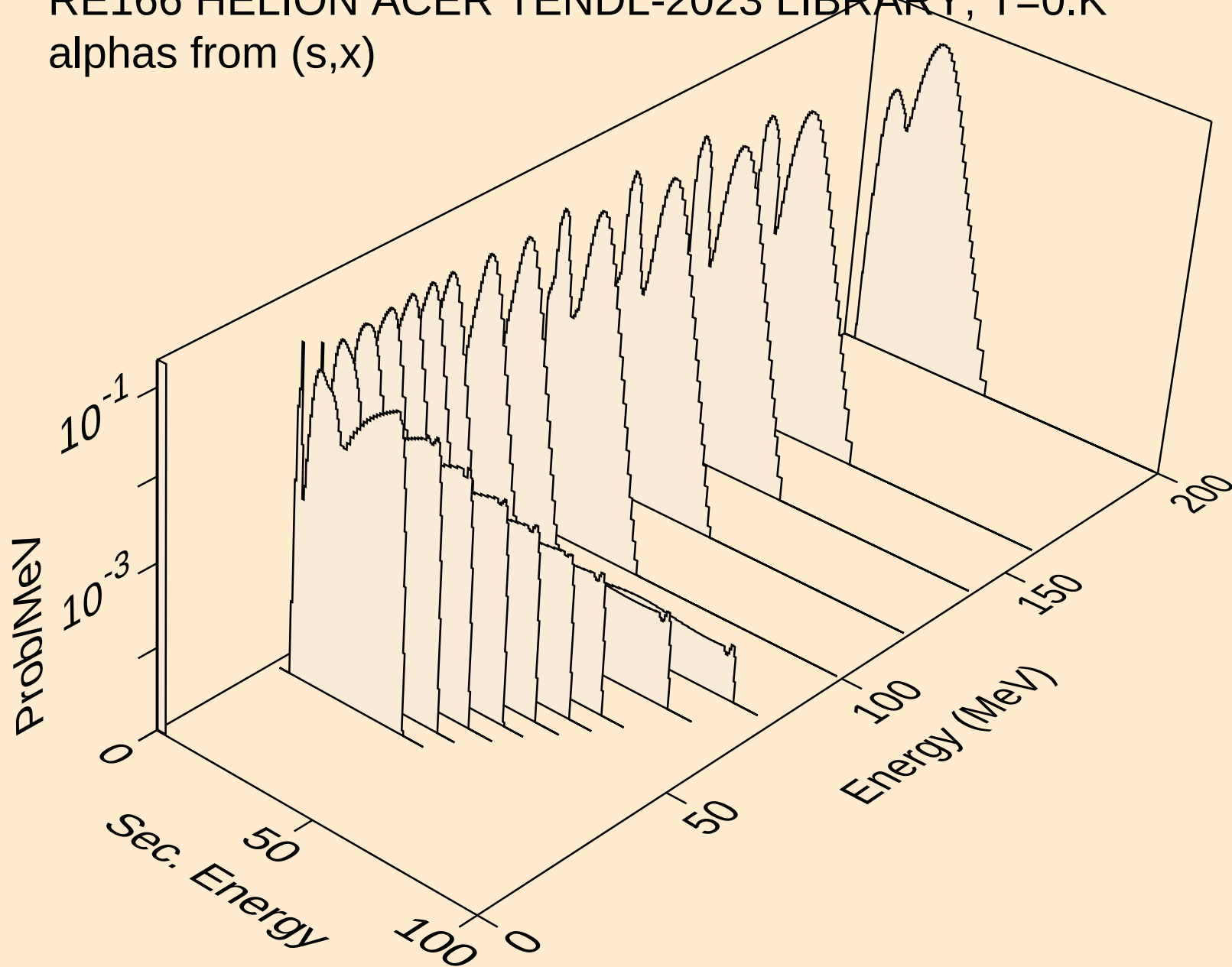
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t2a)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

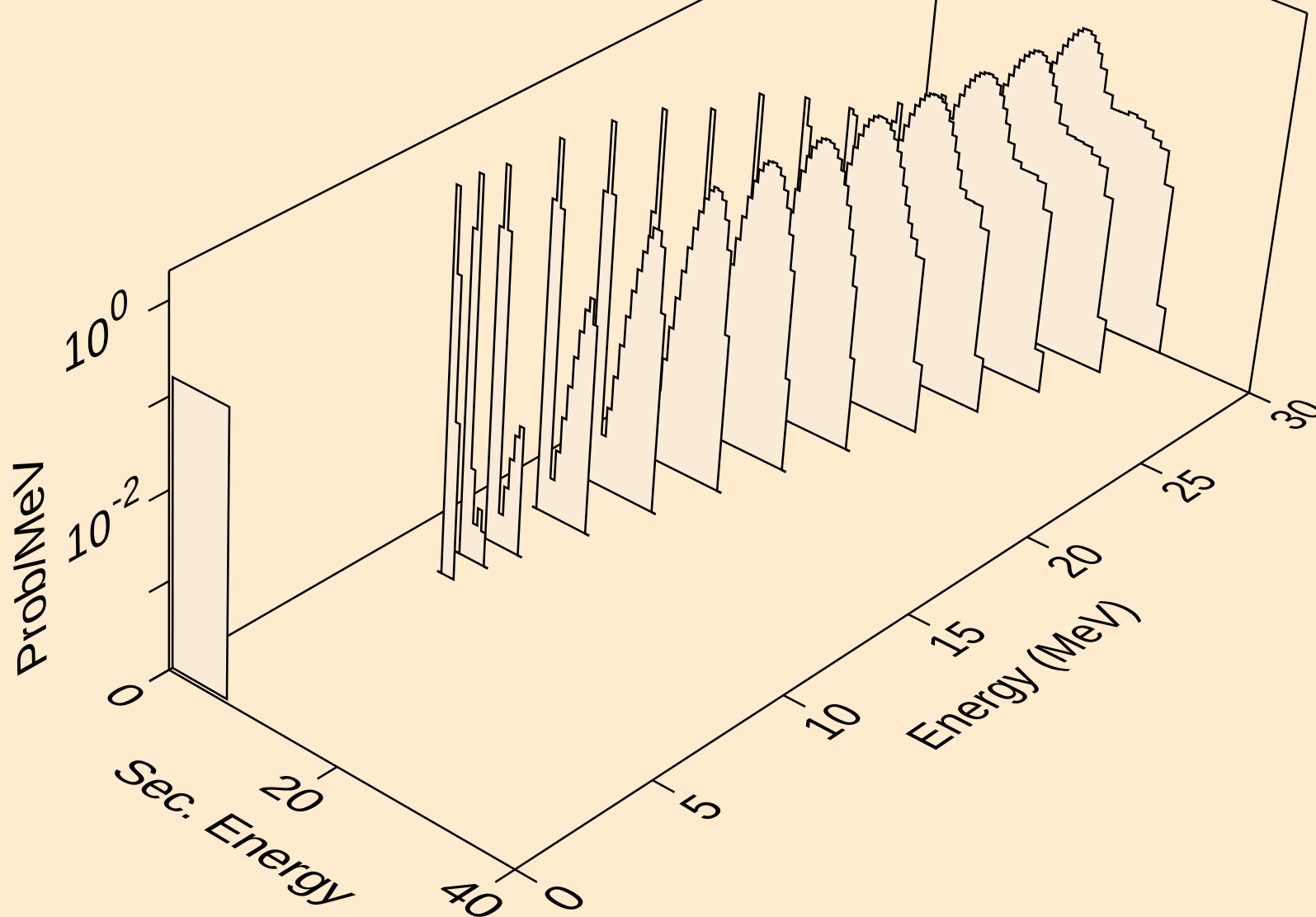


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

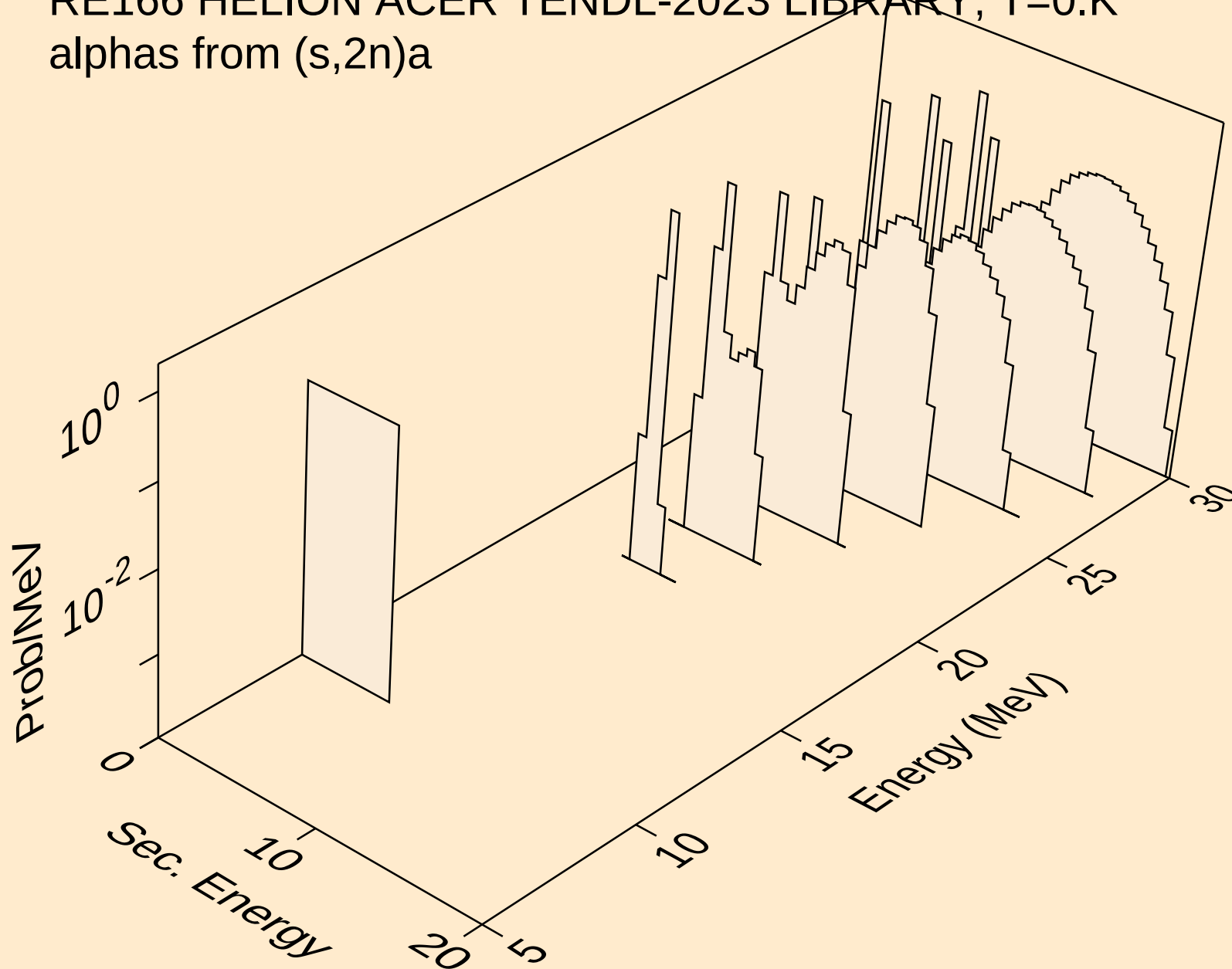




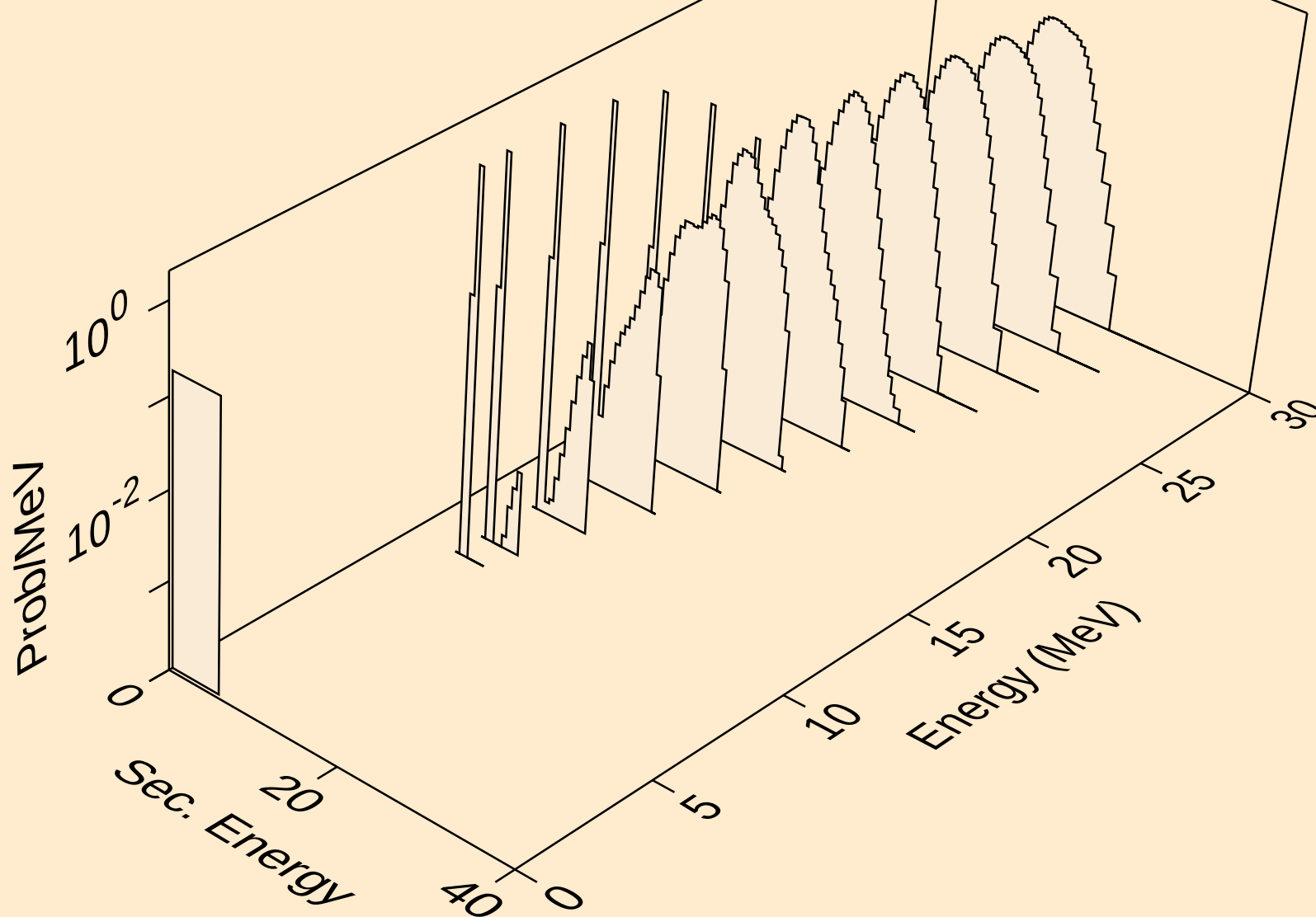
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



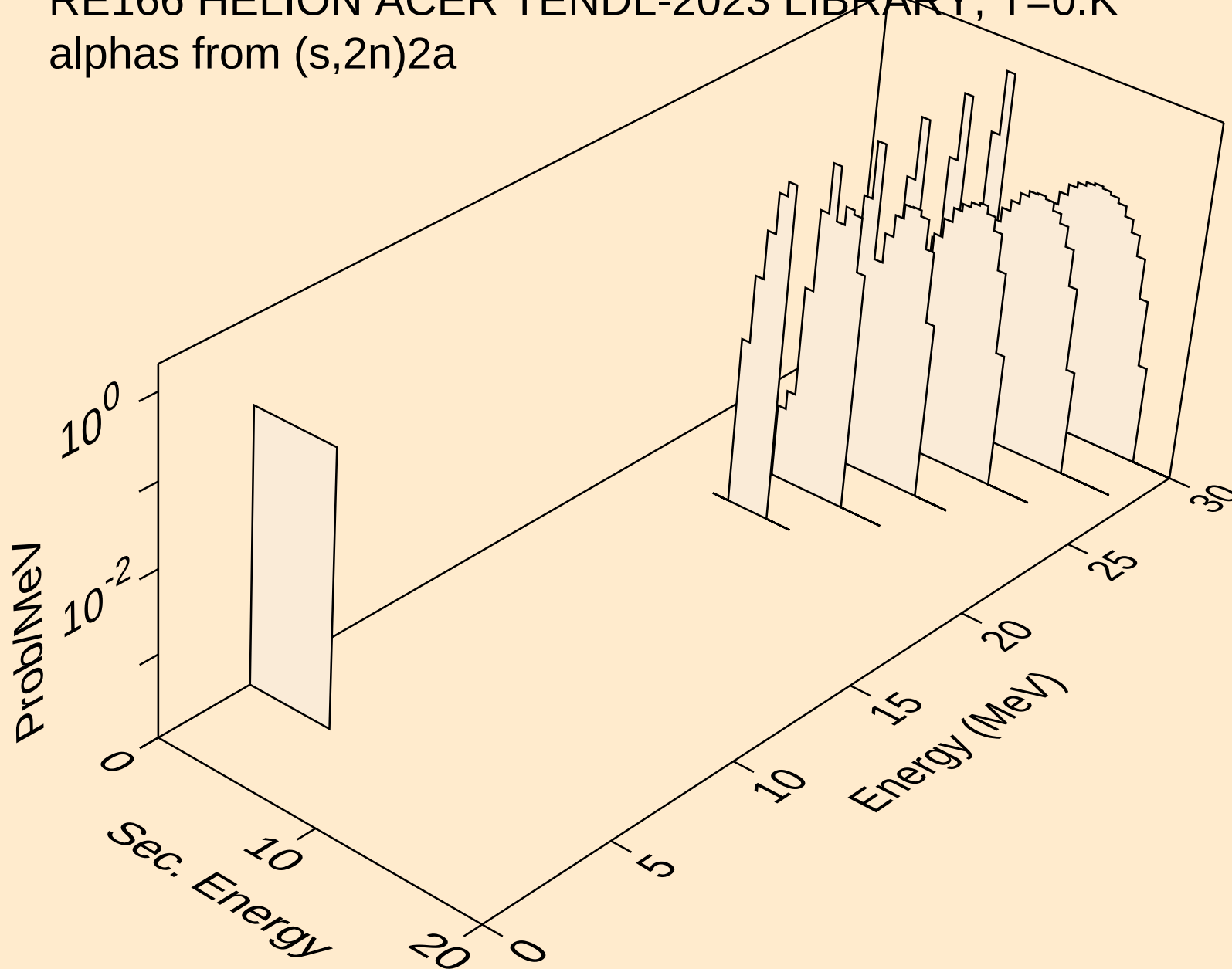
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



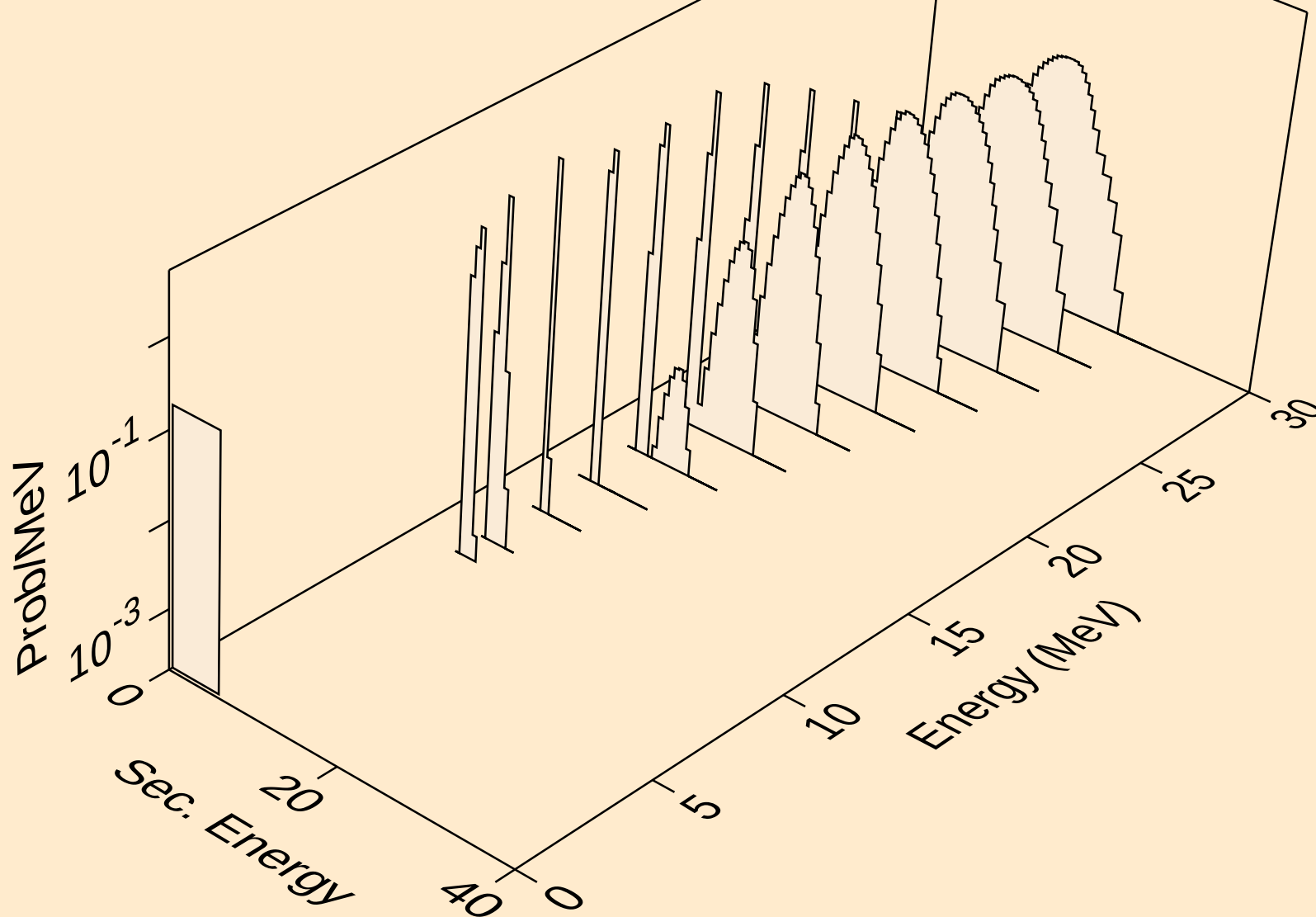
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alphas from (s,n\*)2a



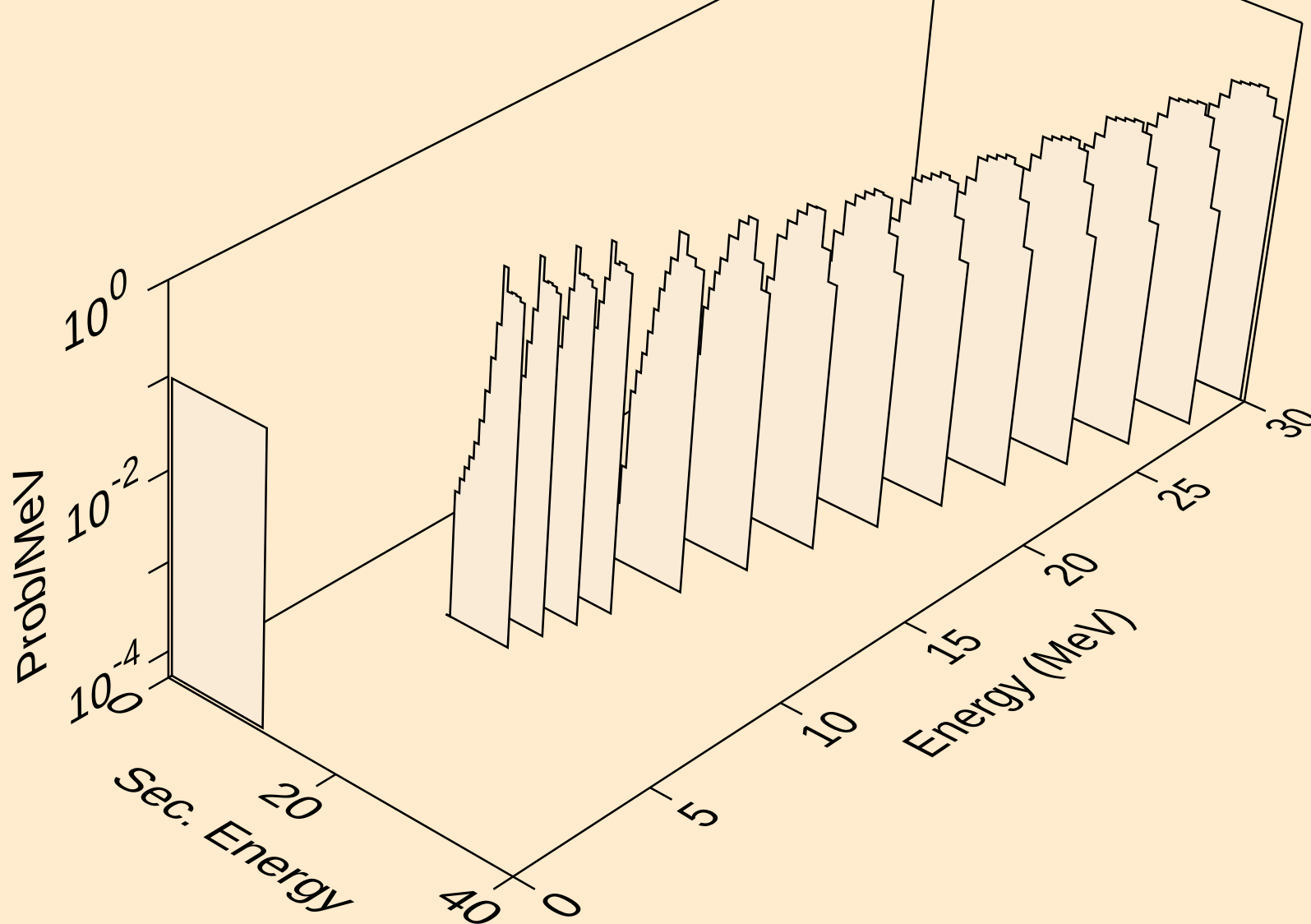
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alphas from (s,2n)2a



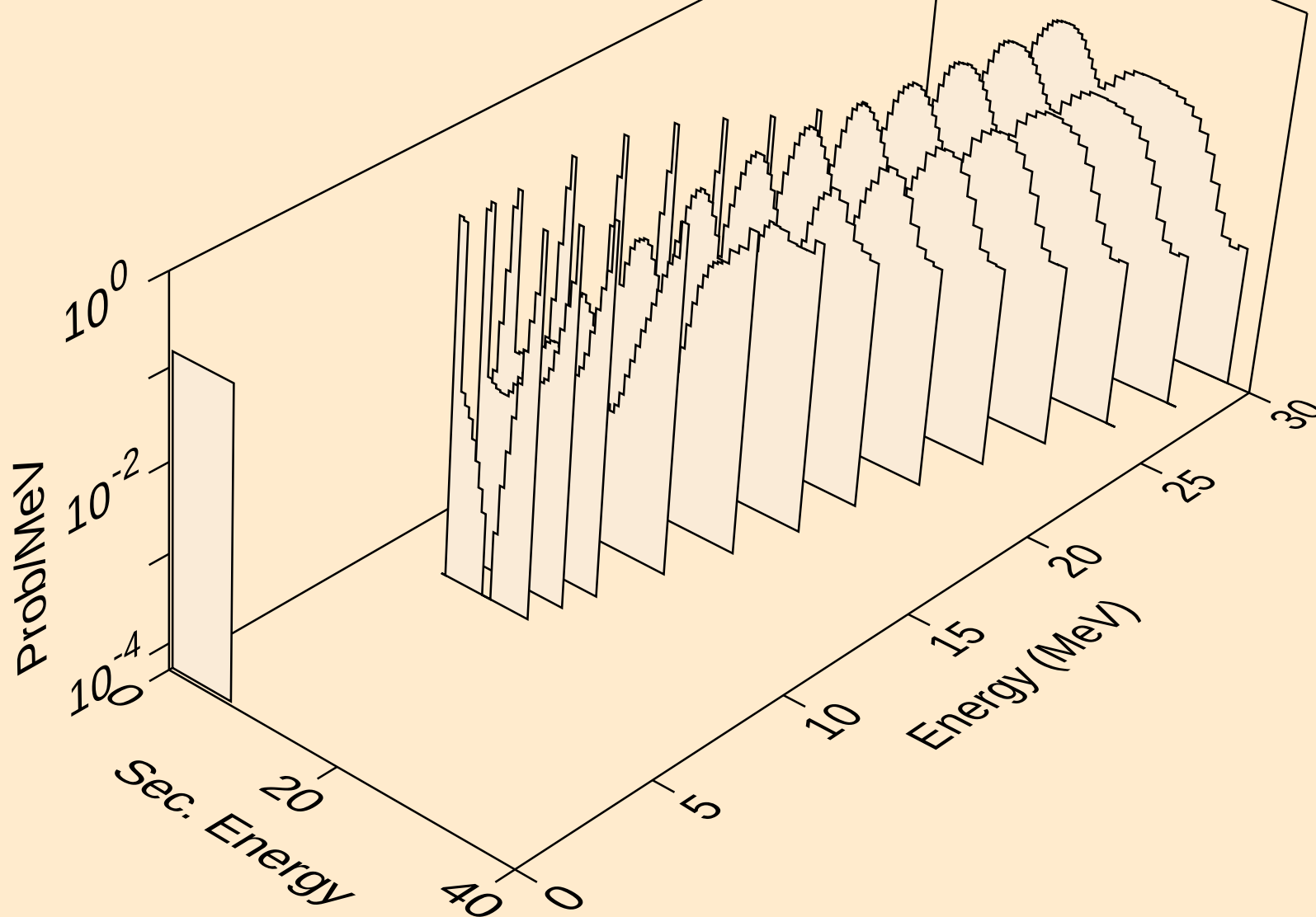
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



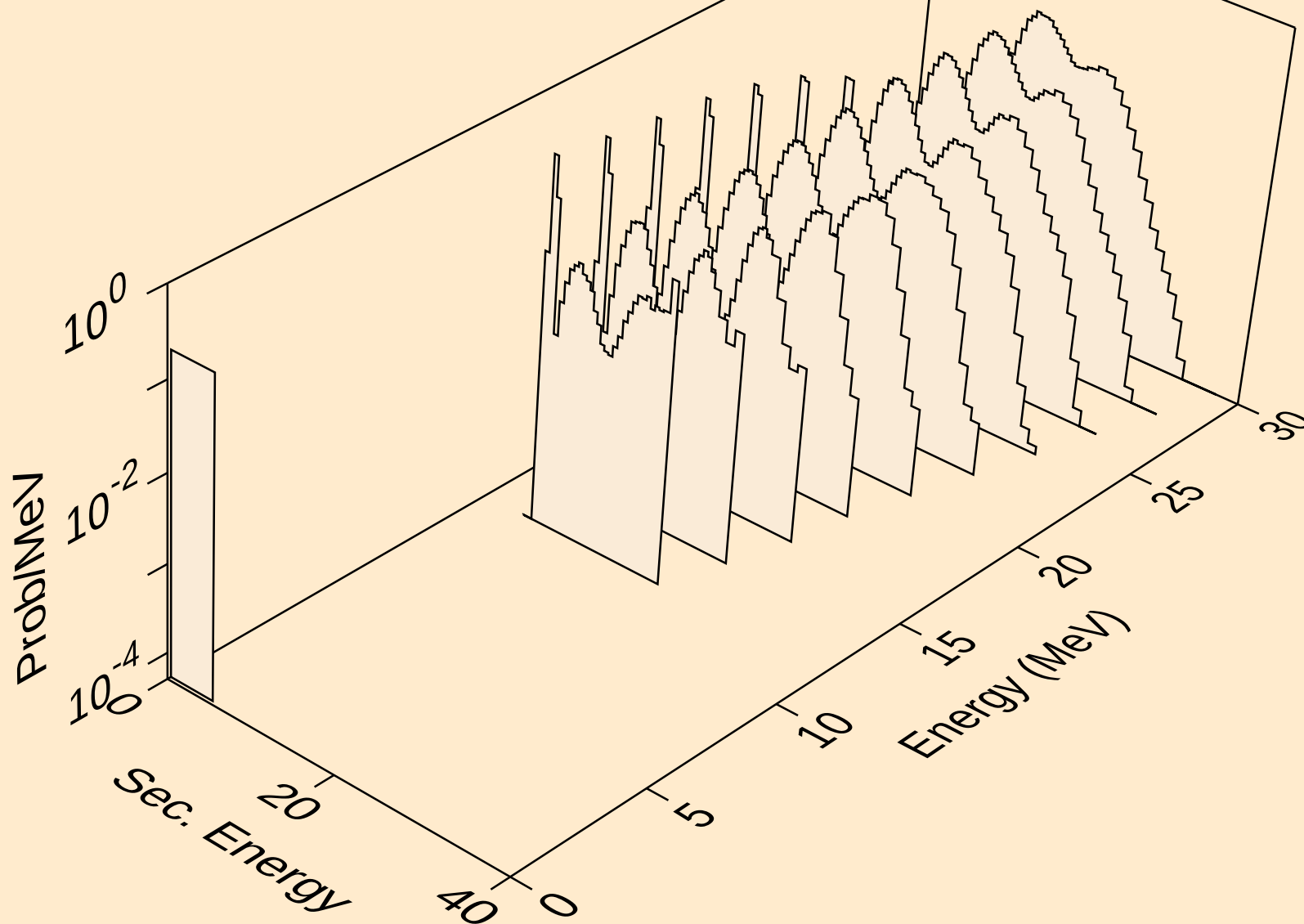
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

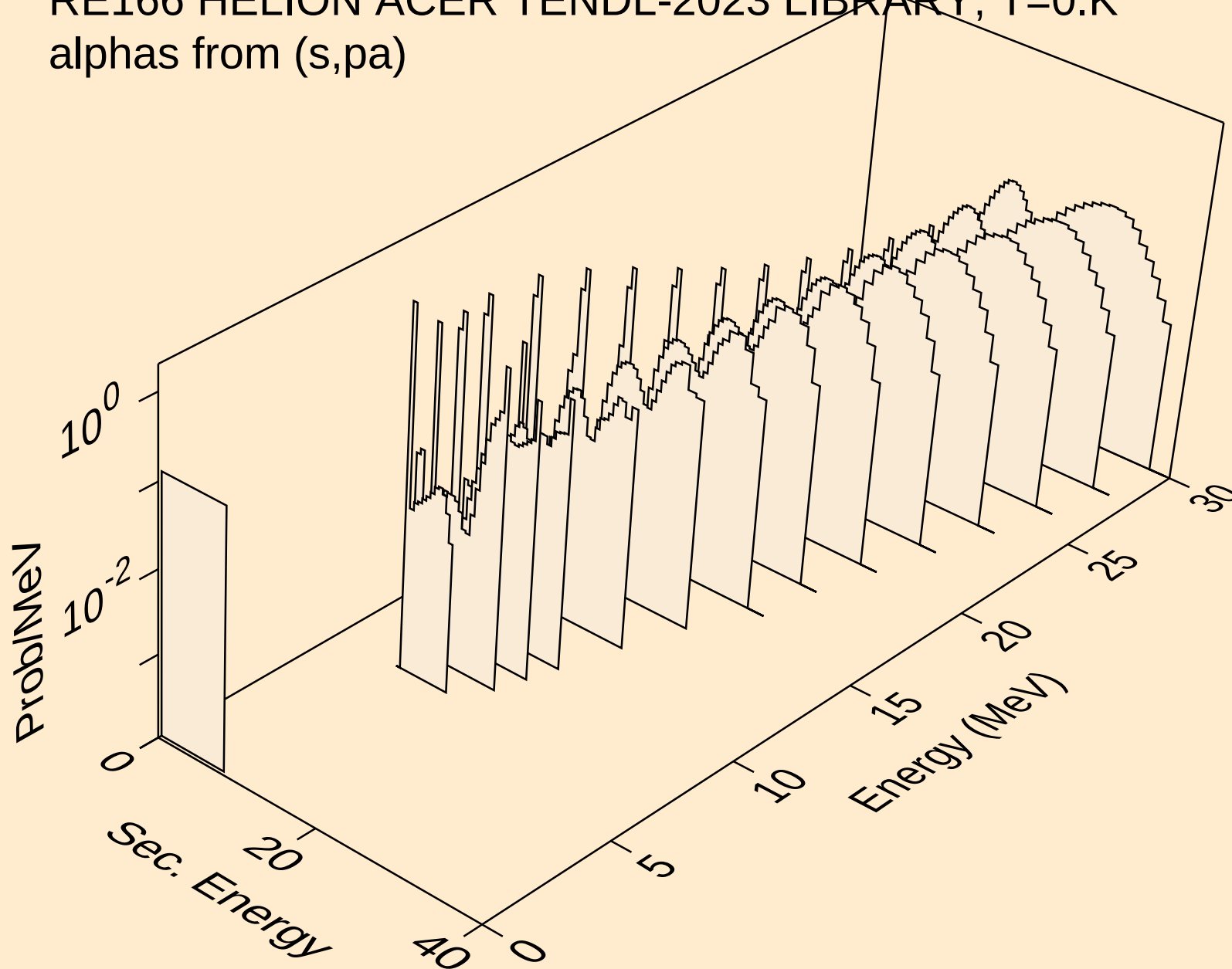


RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)

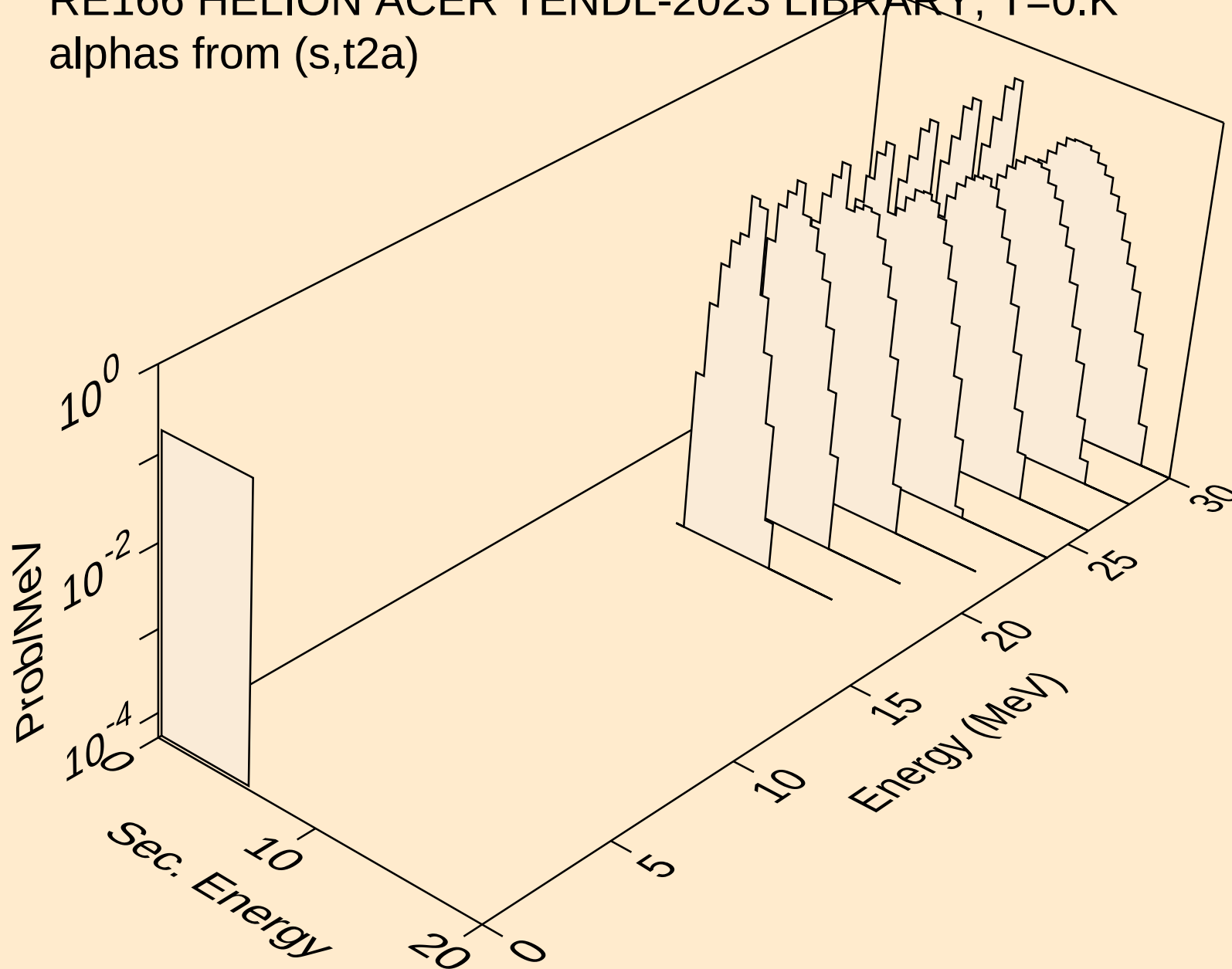




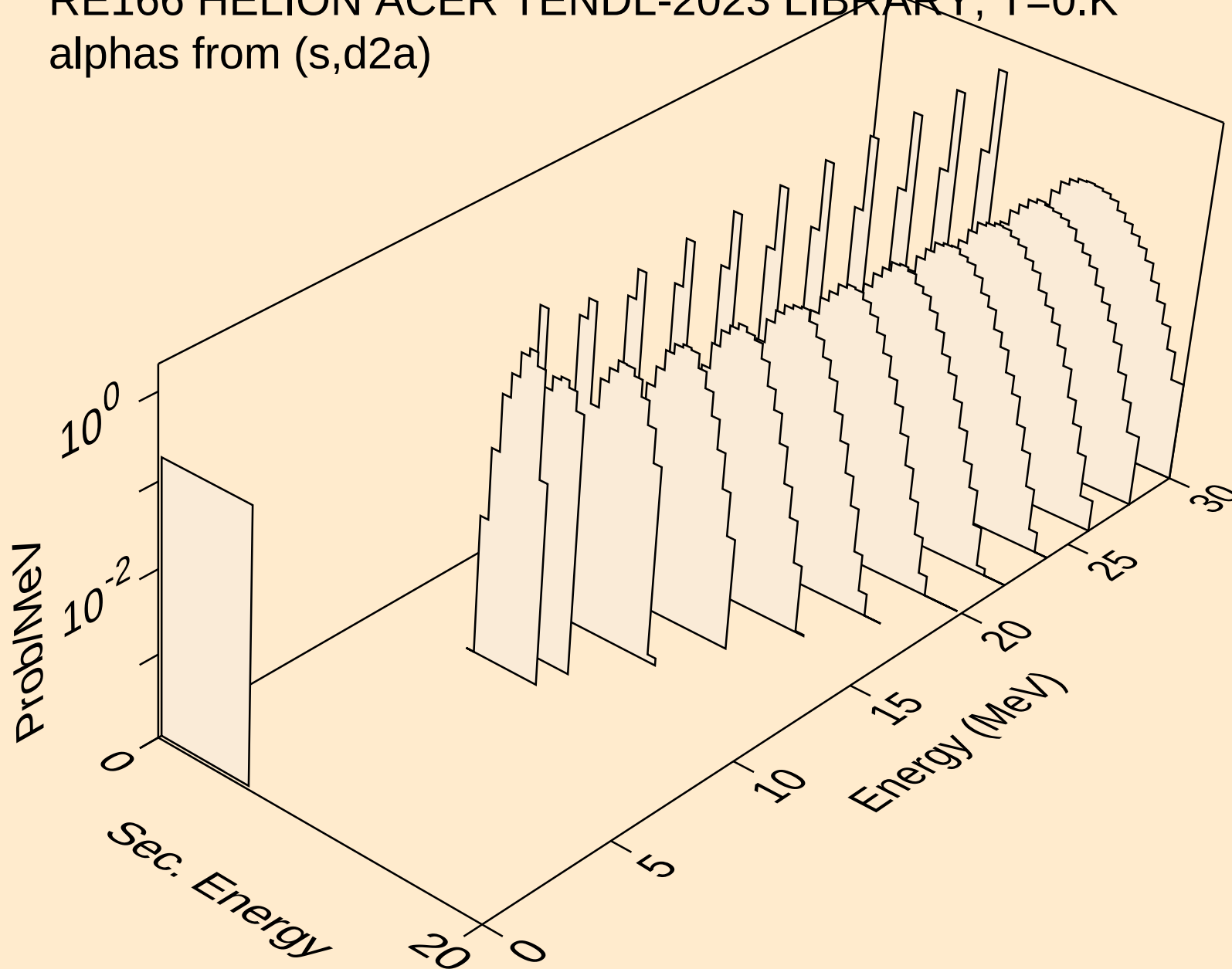
RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



RE166 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

