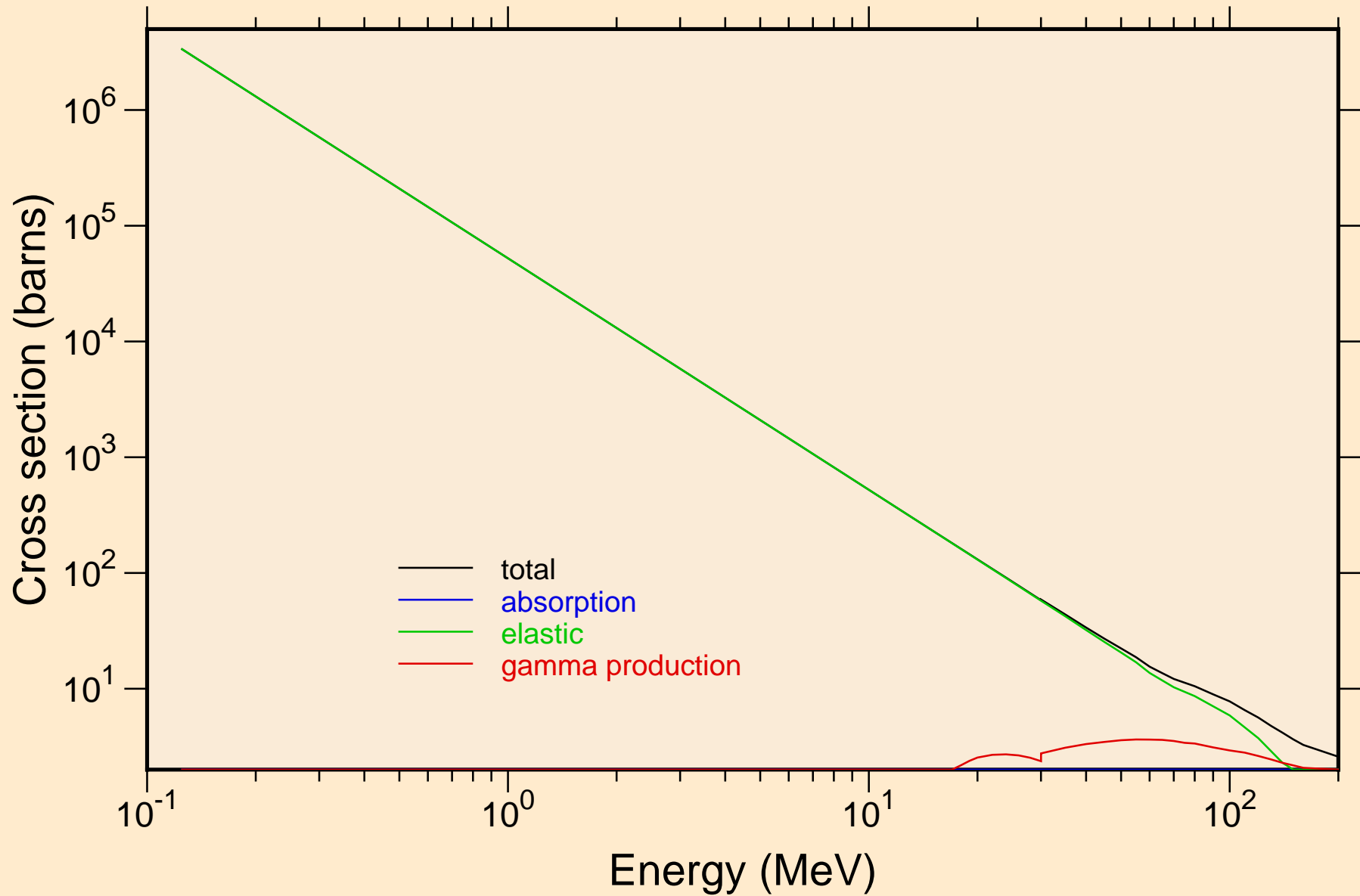


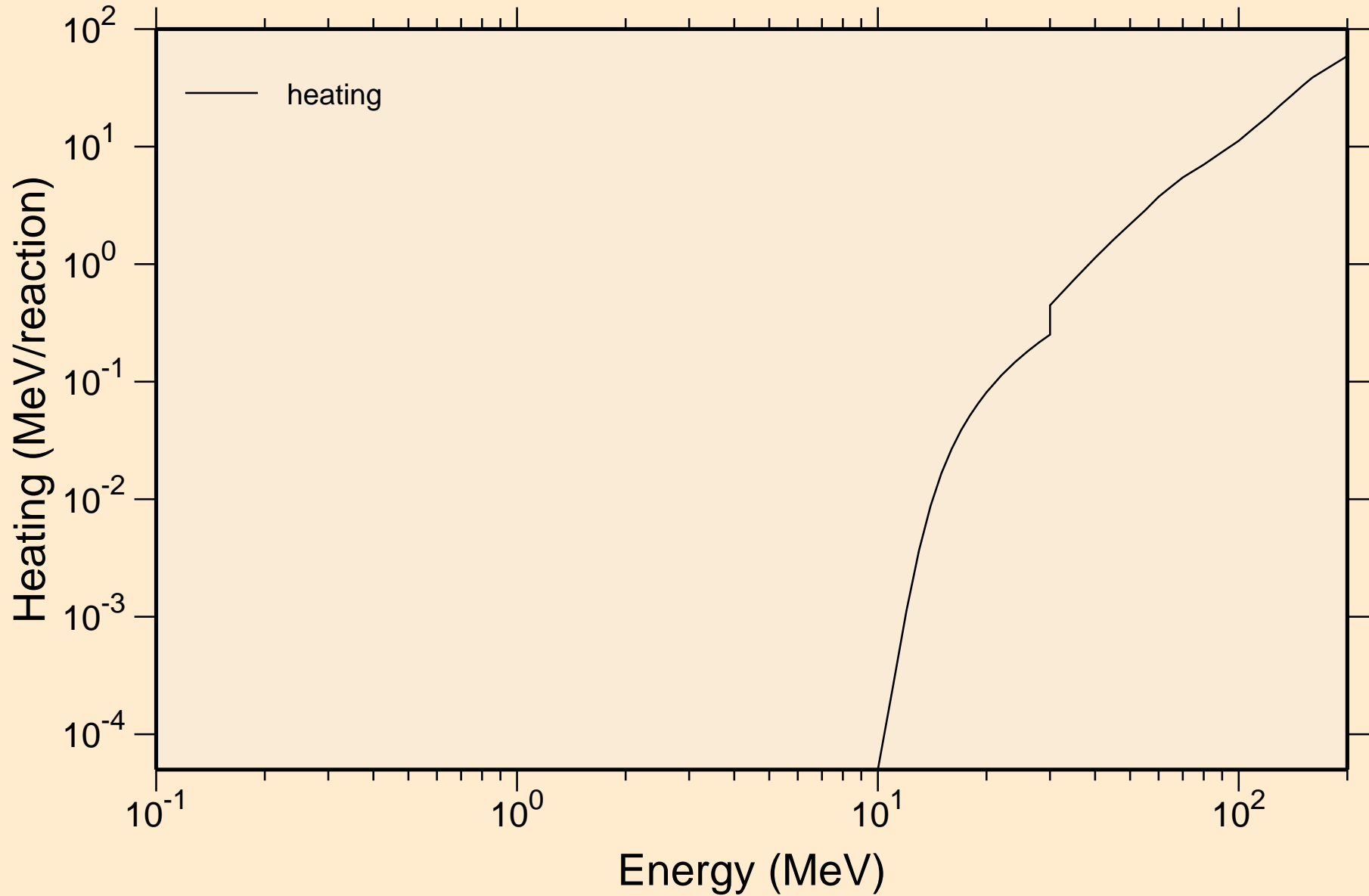
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



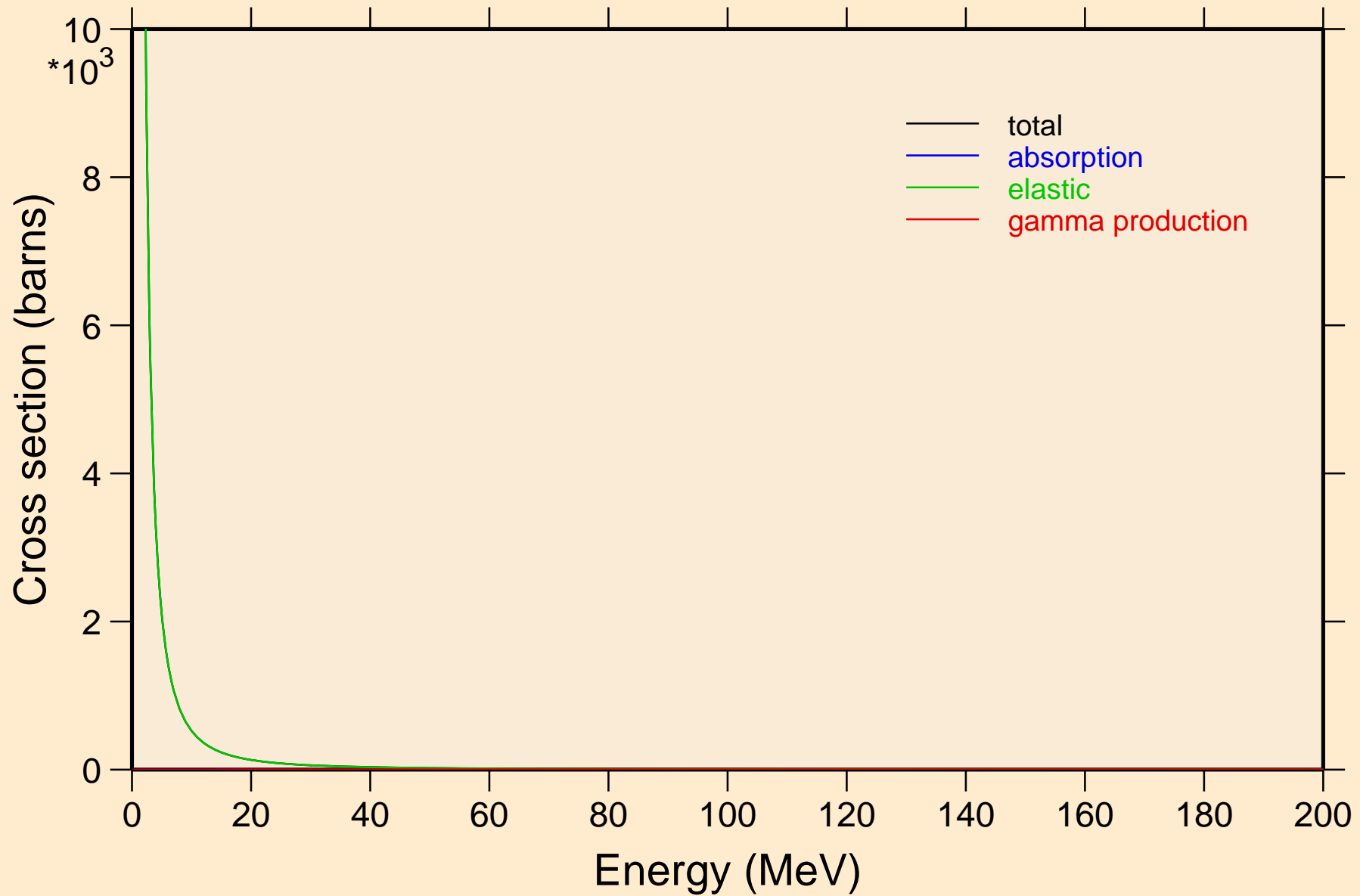
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



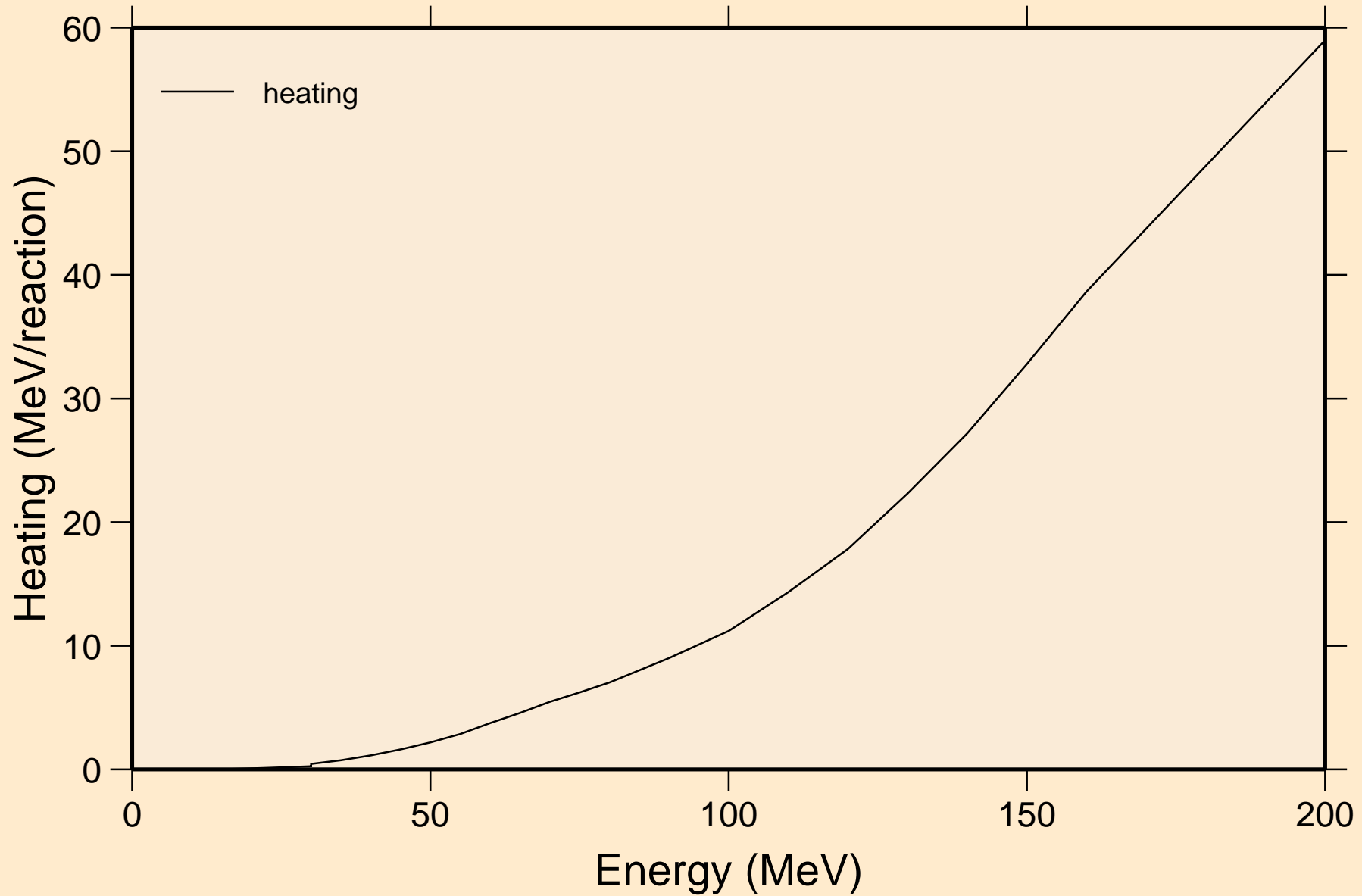
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



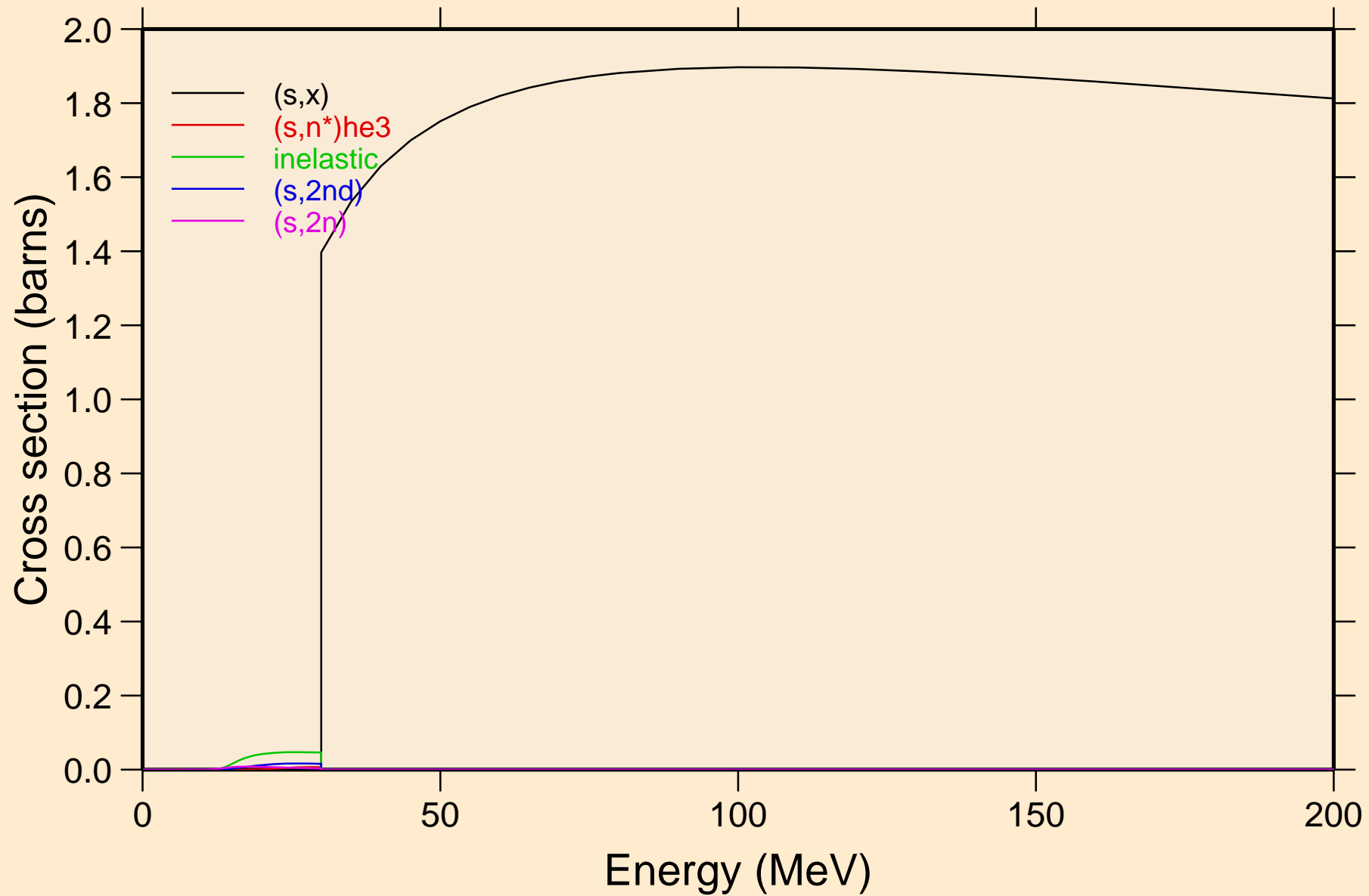
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating

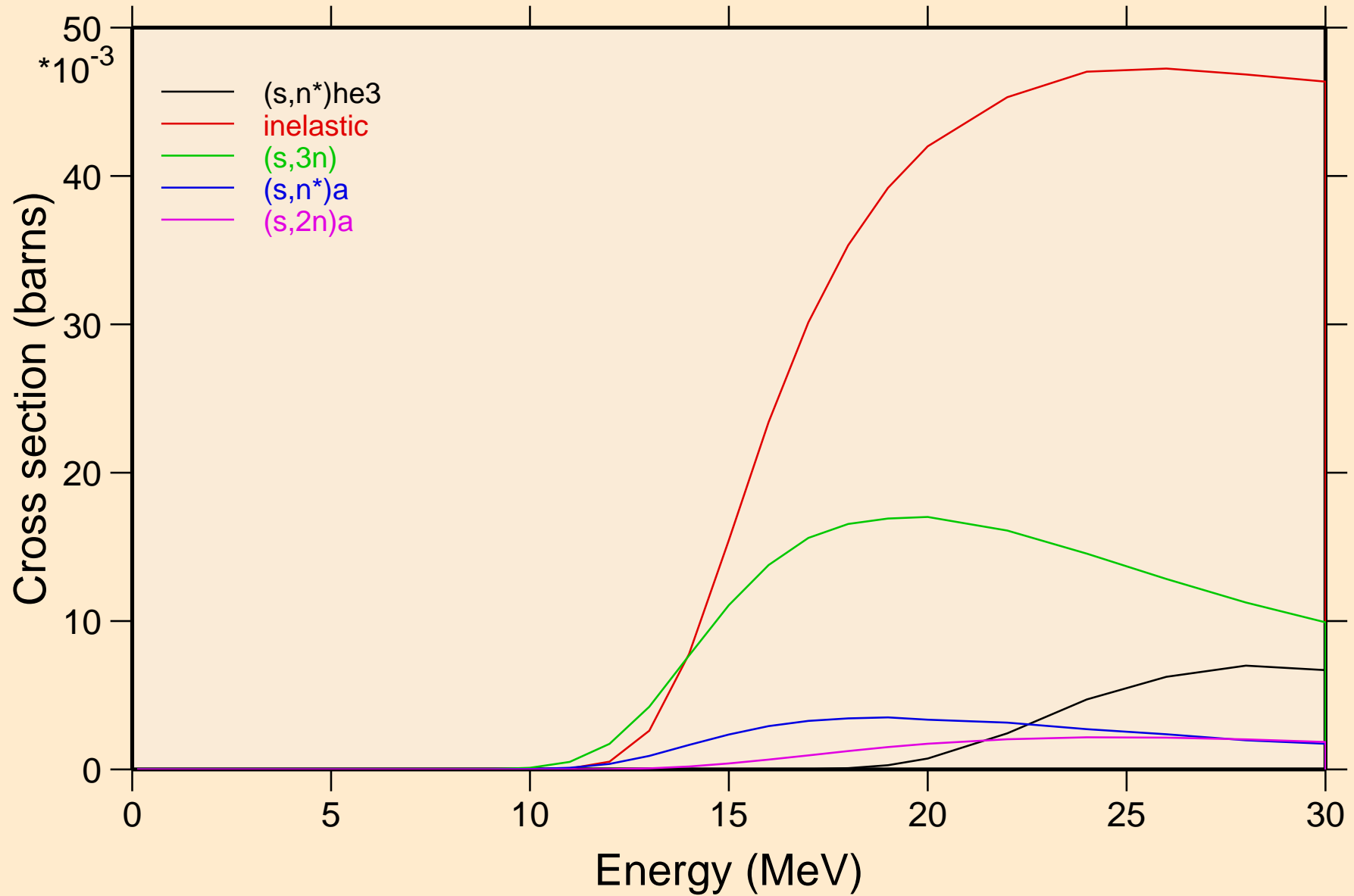


# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

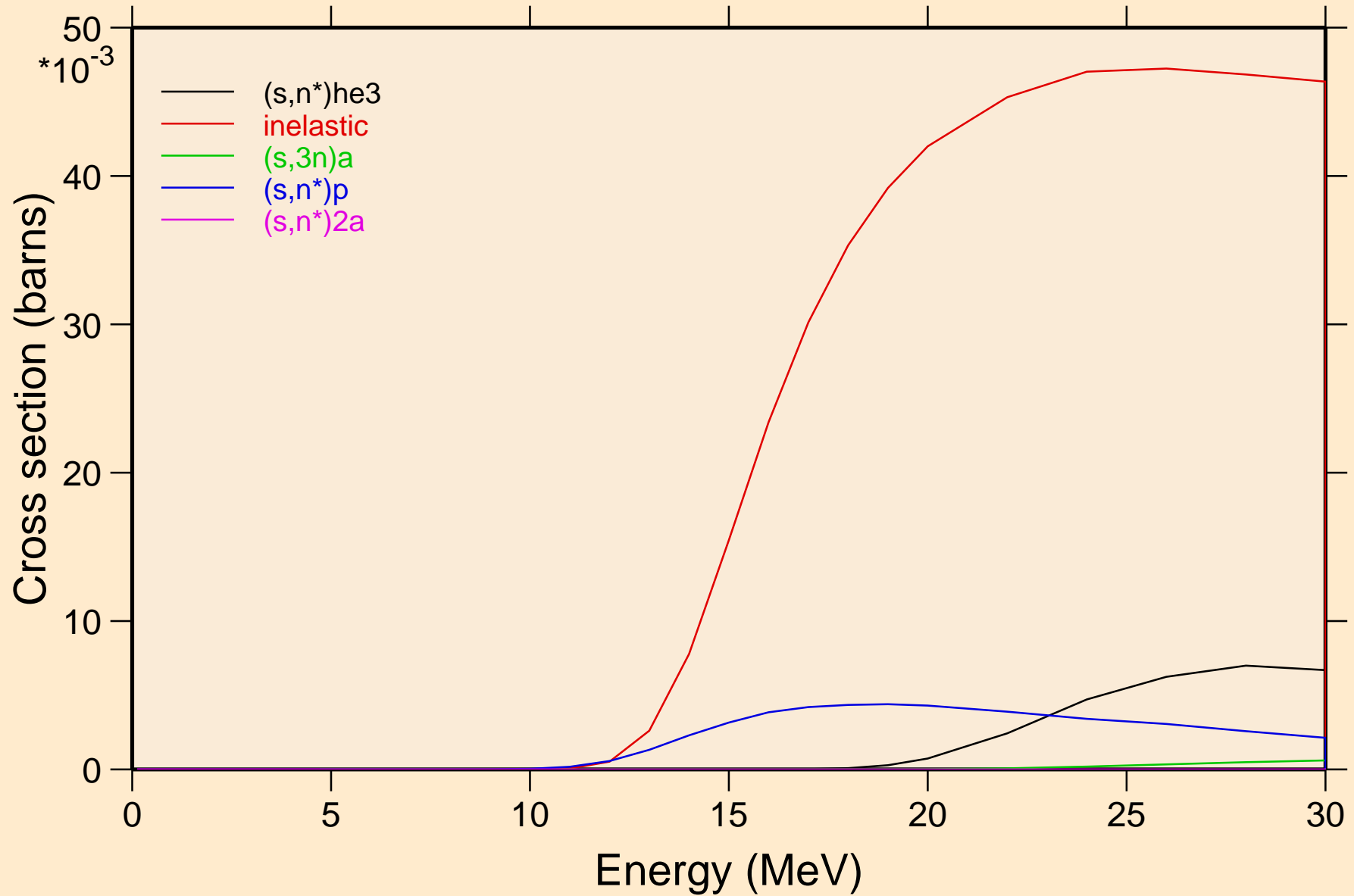
## Threshold reactions



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

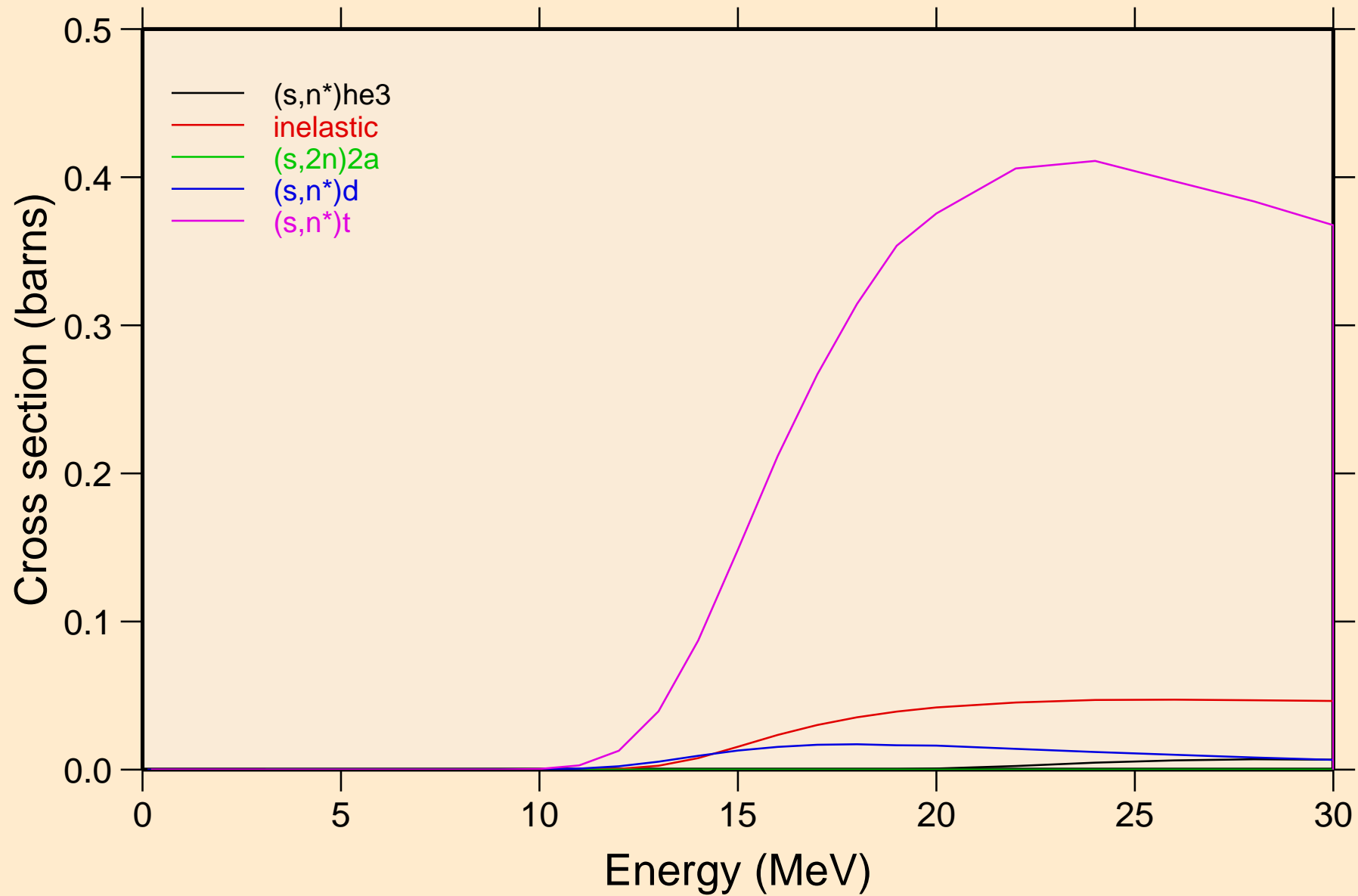


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



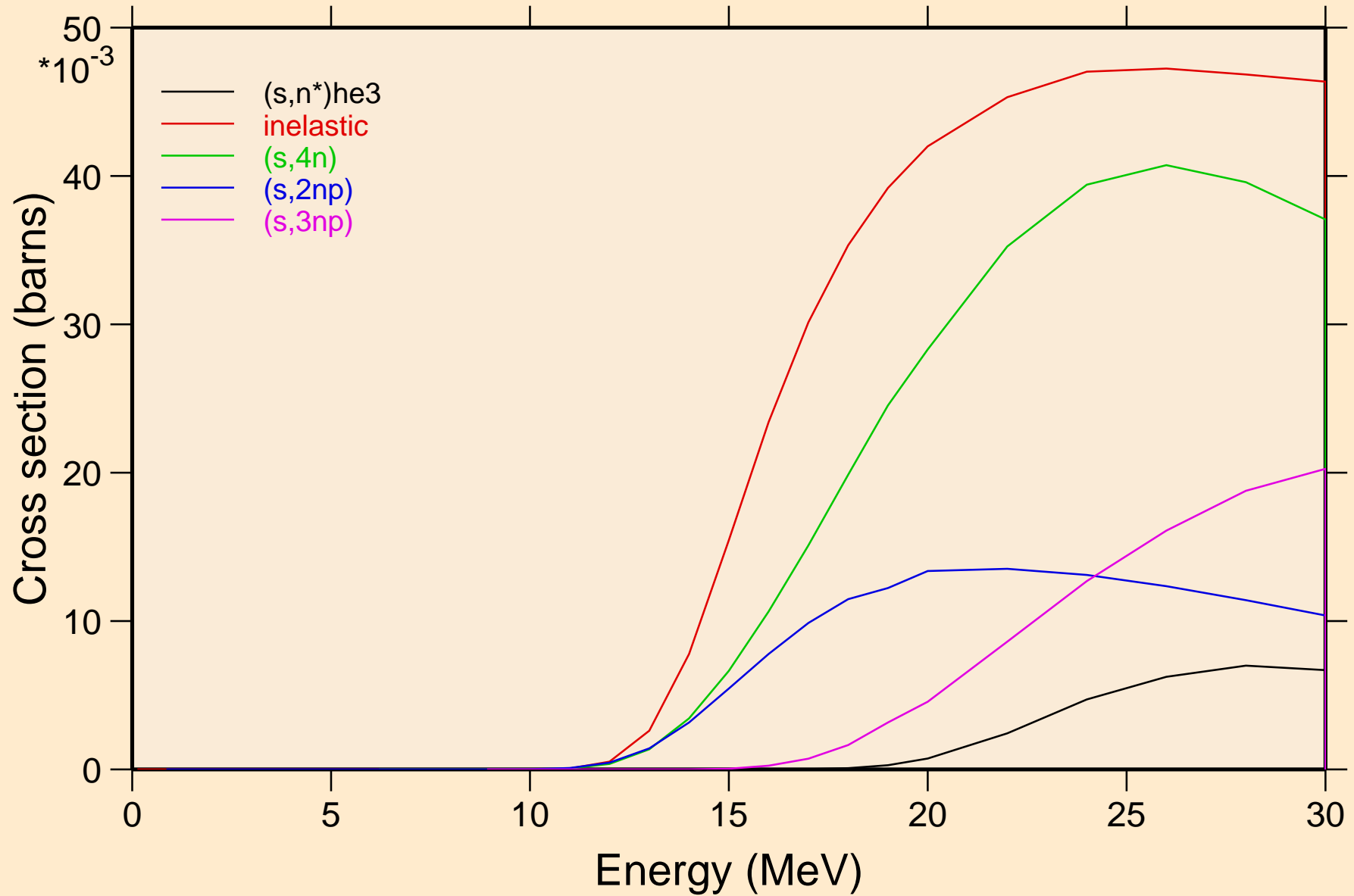
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



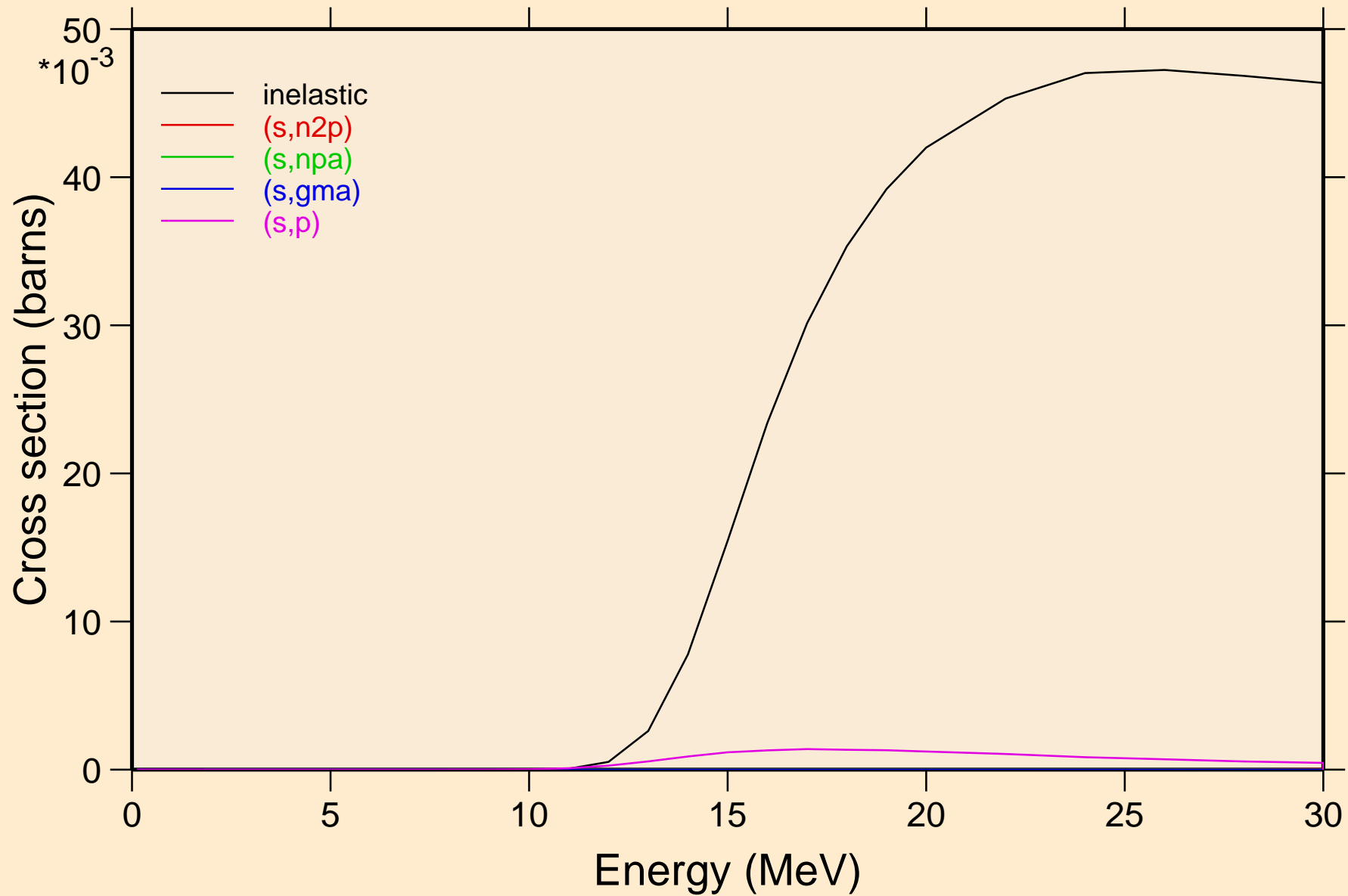


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



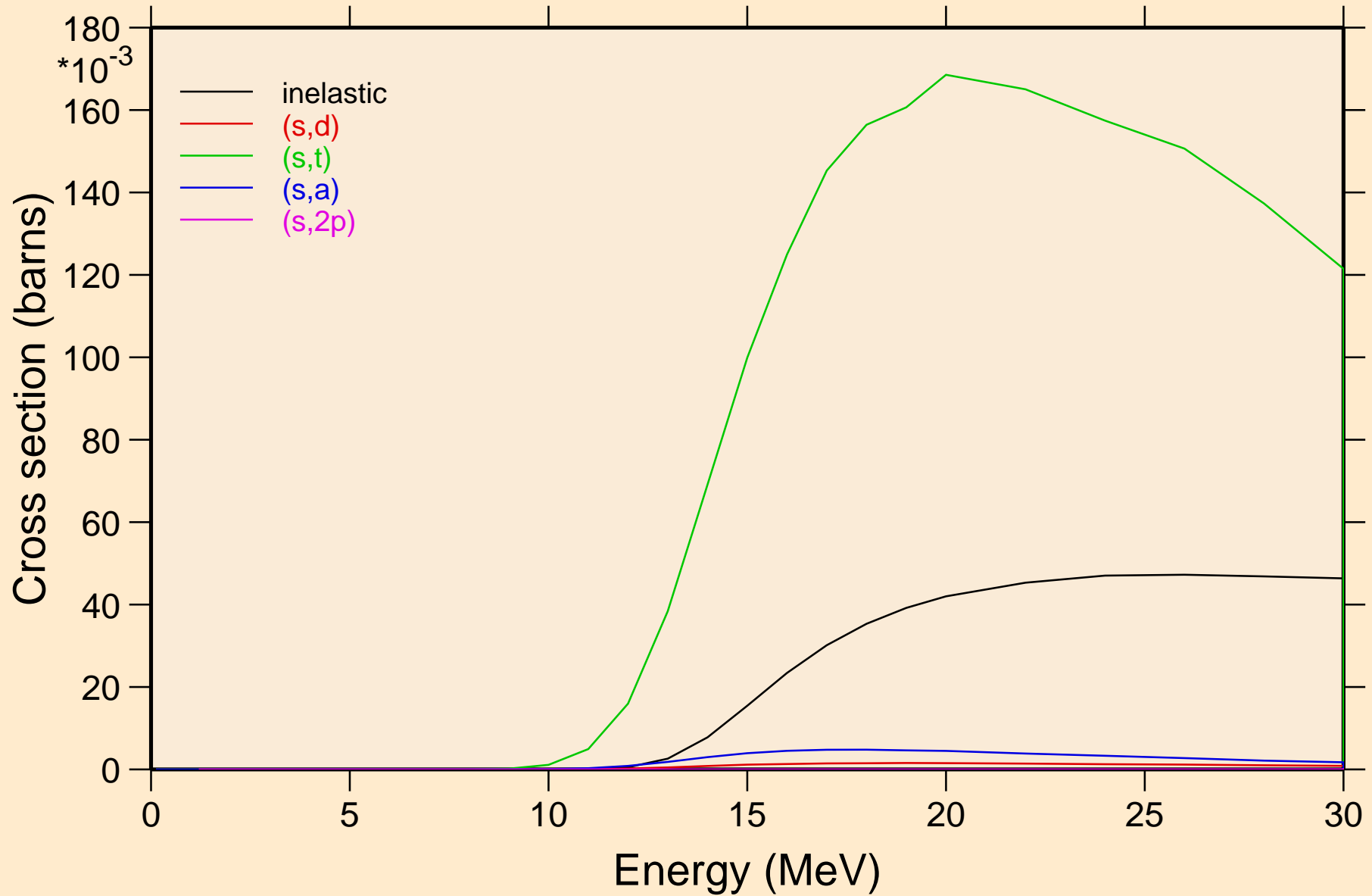
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

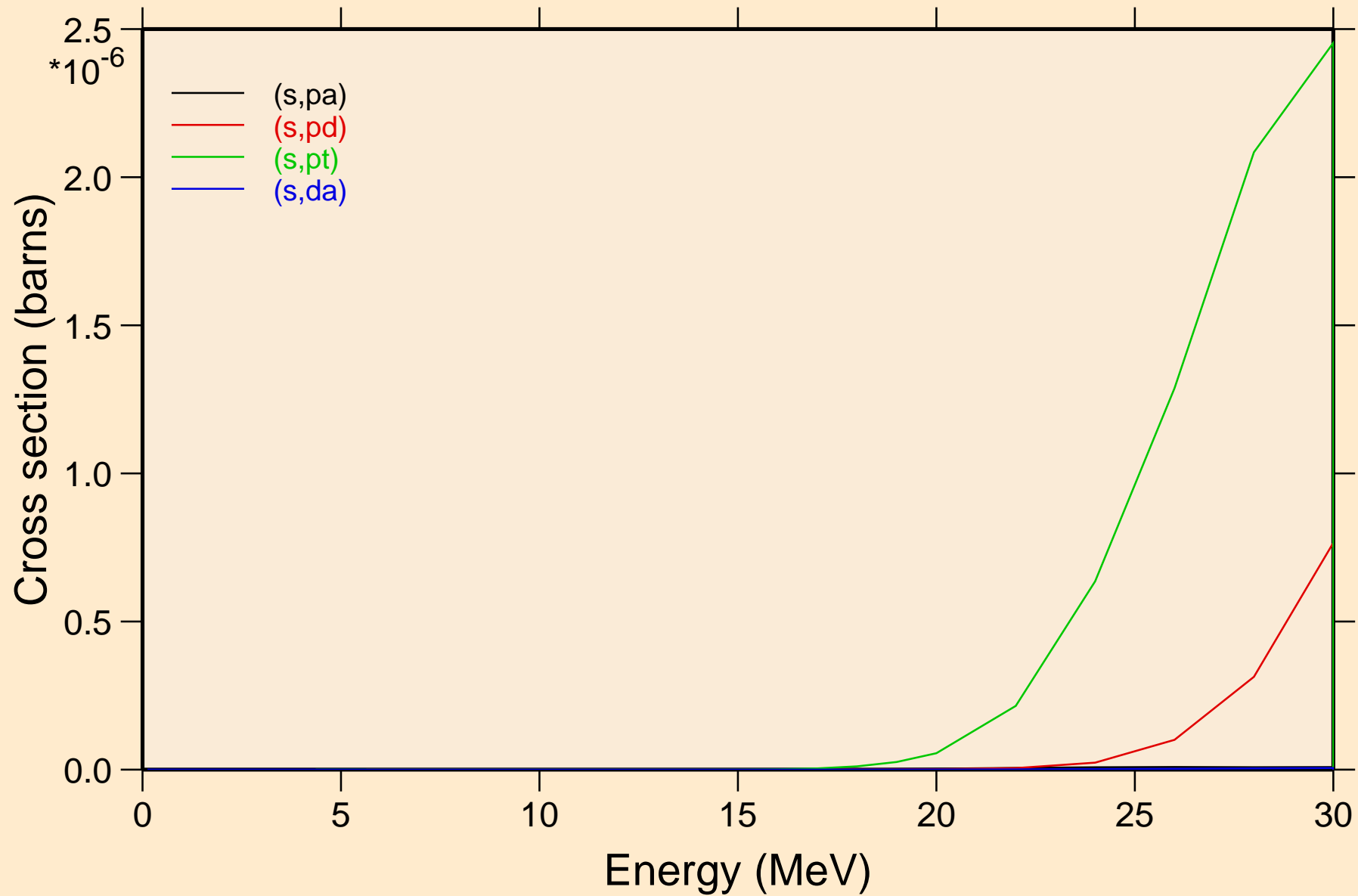


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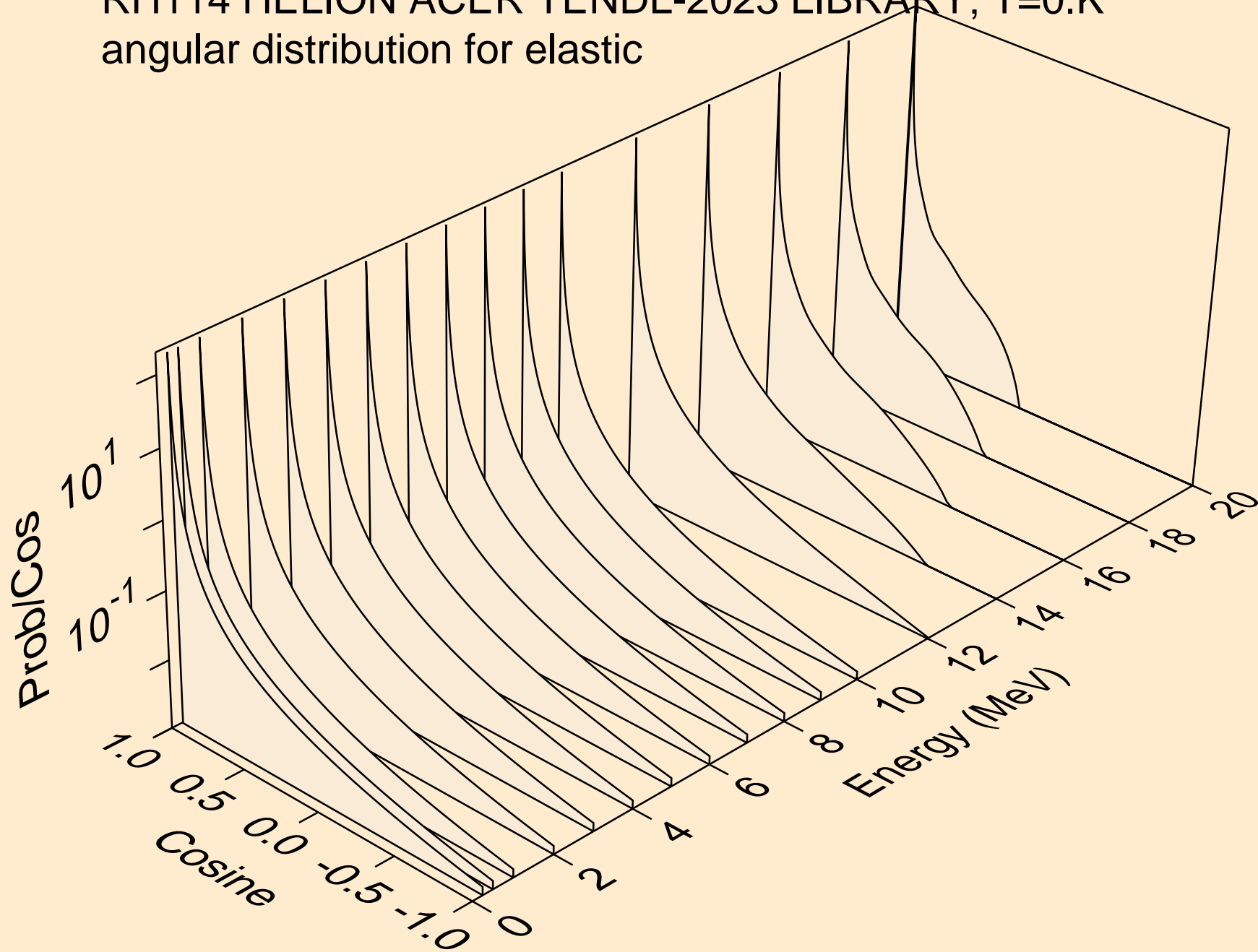
## Threshold reactions



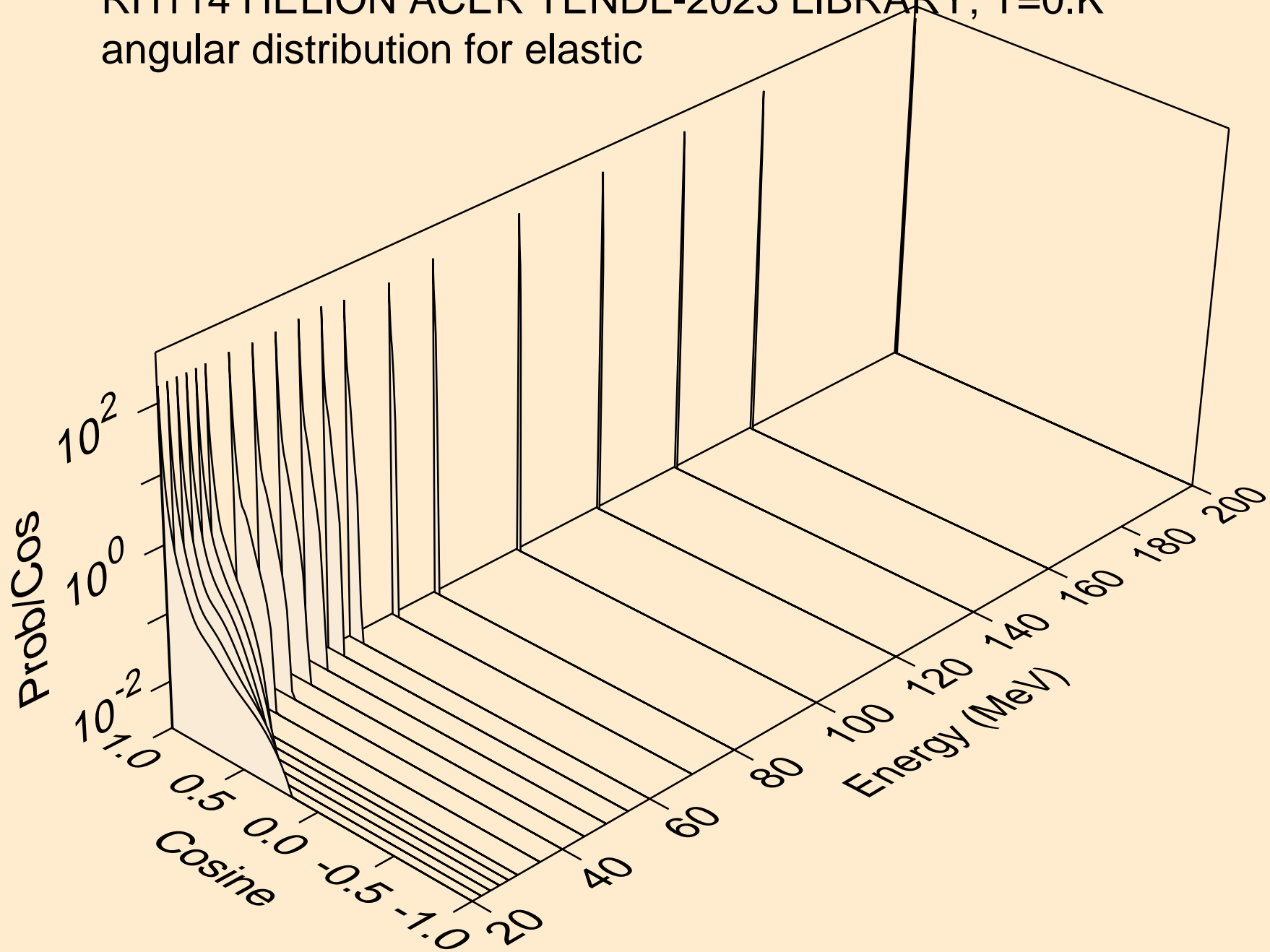
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



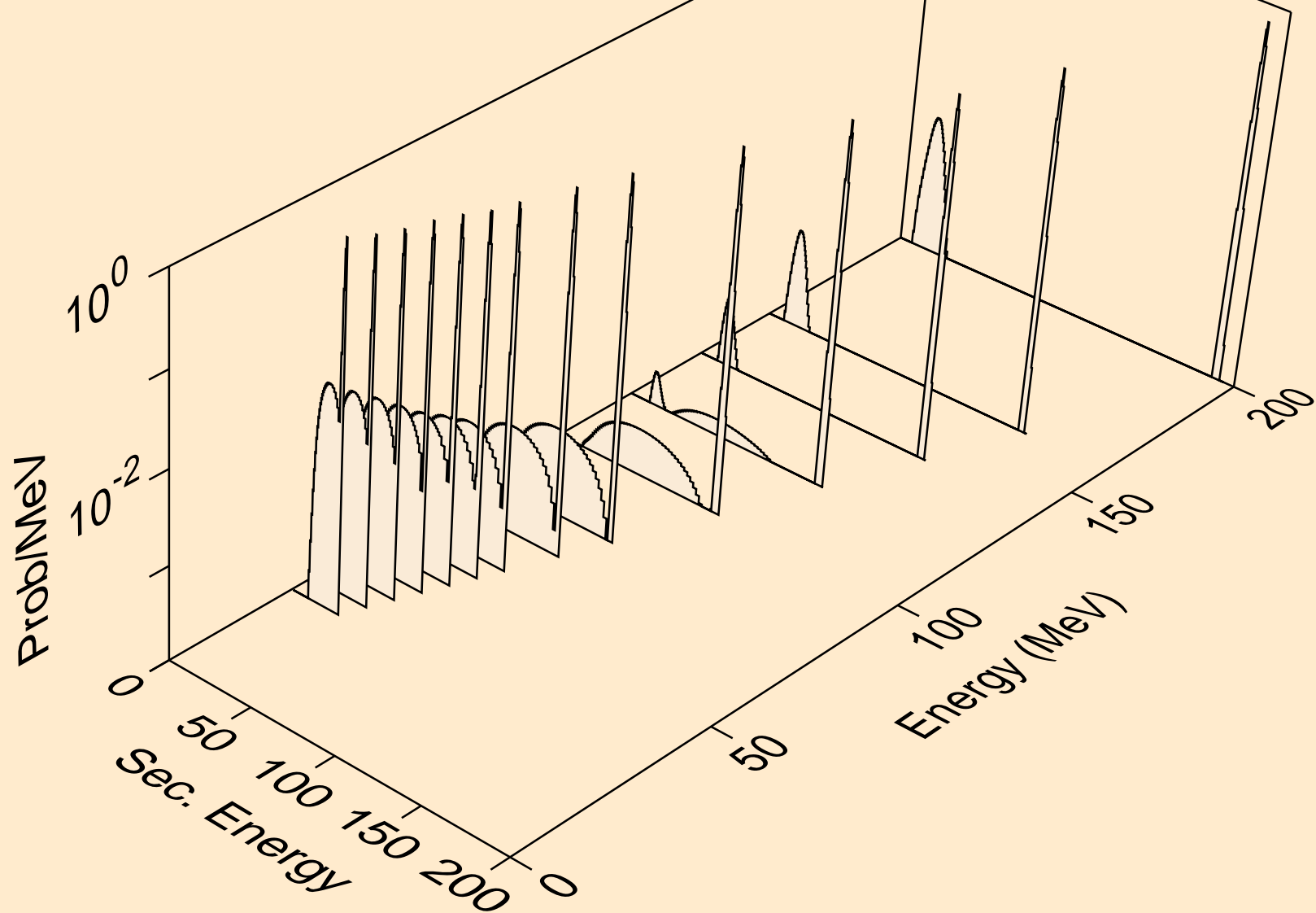
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



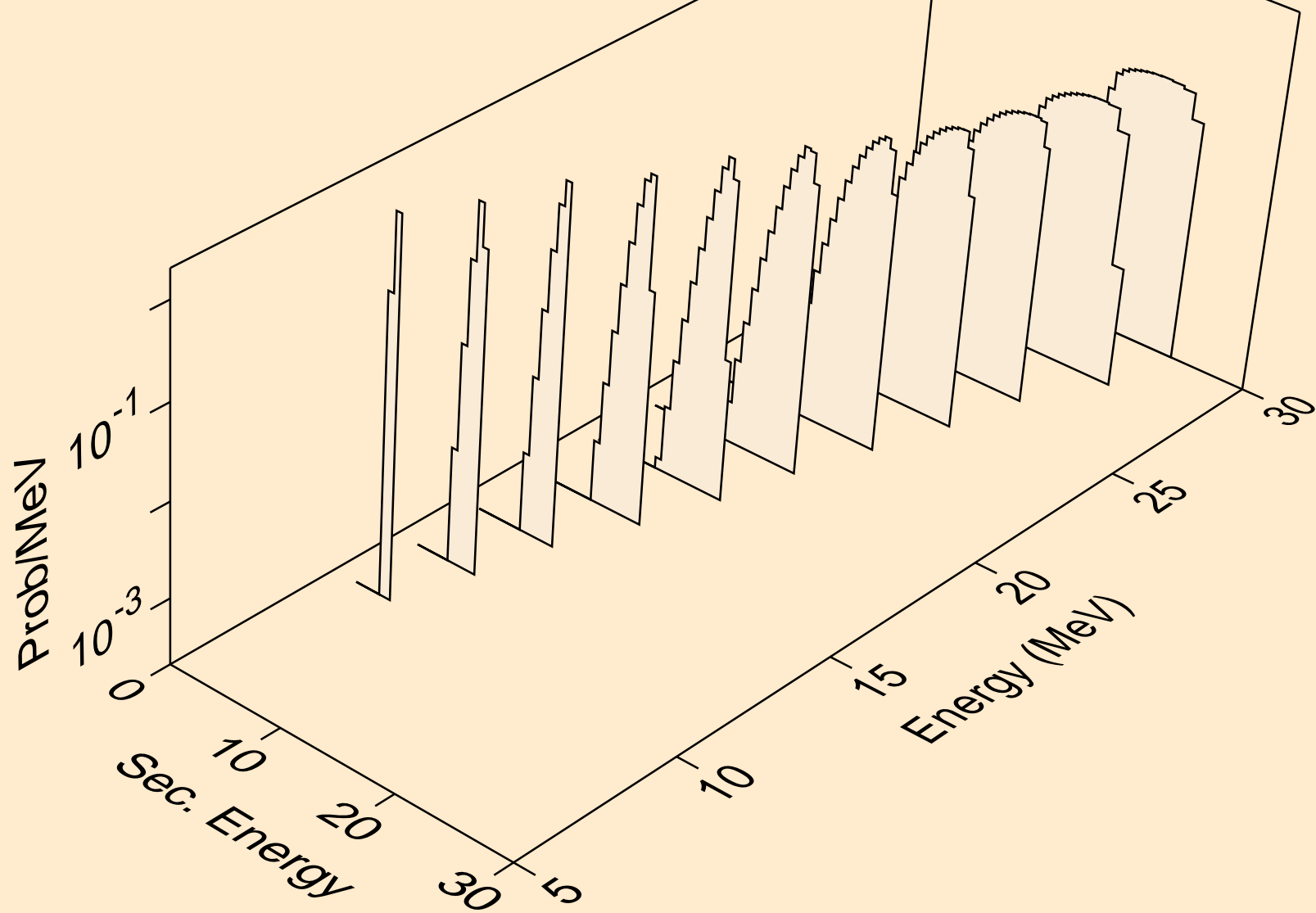
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

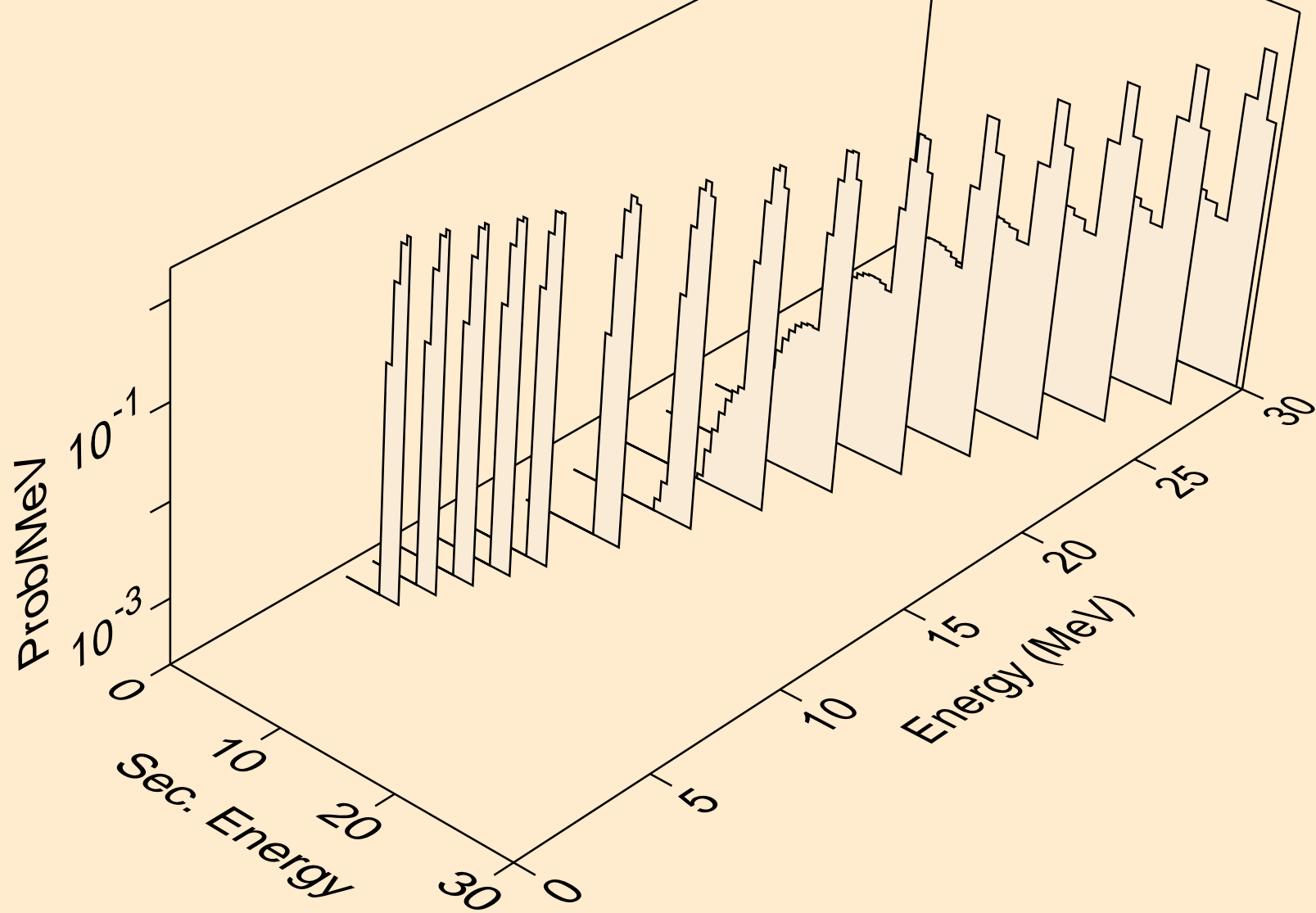


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

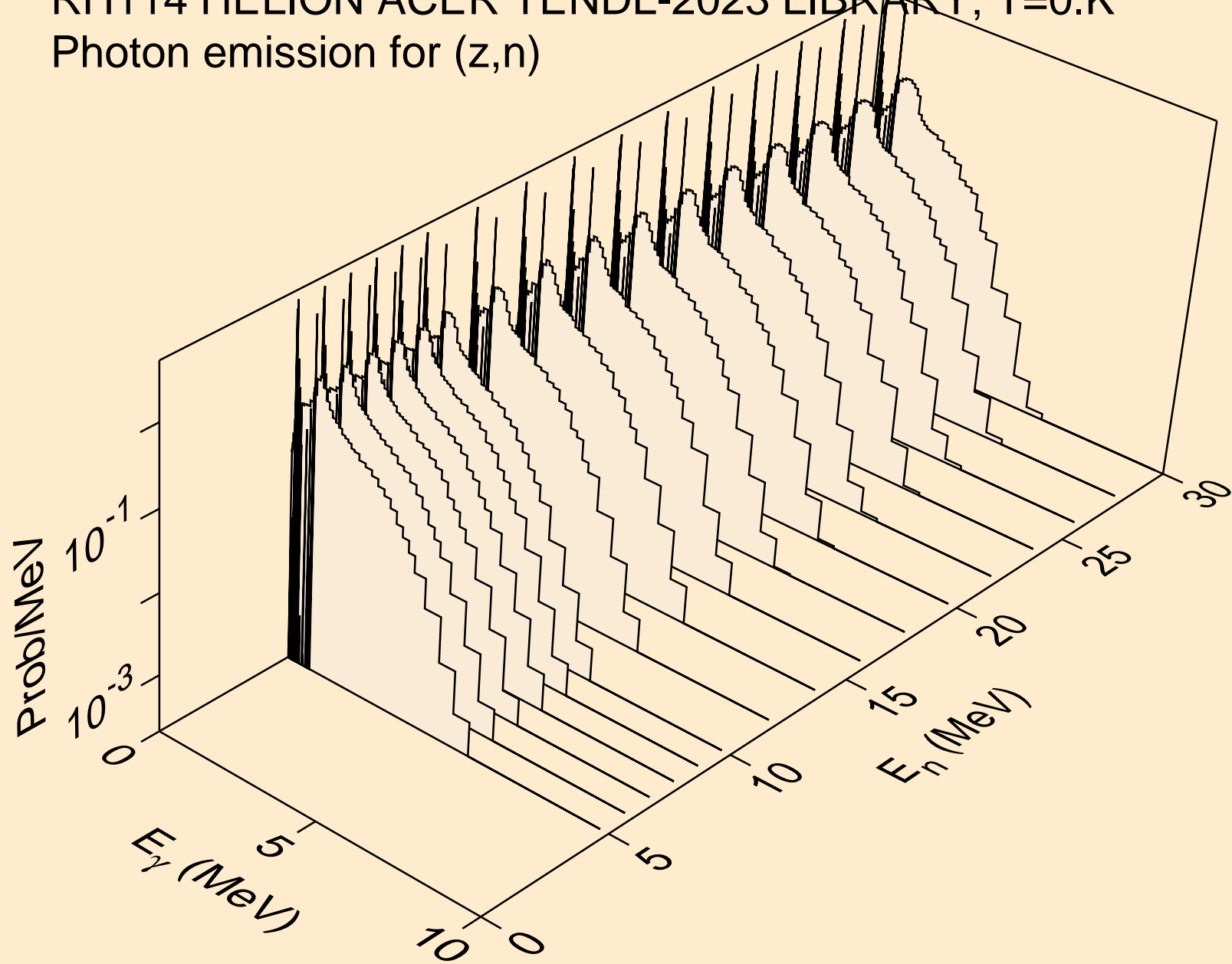




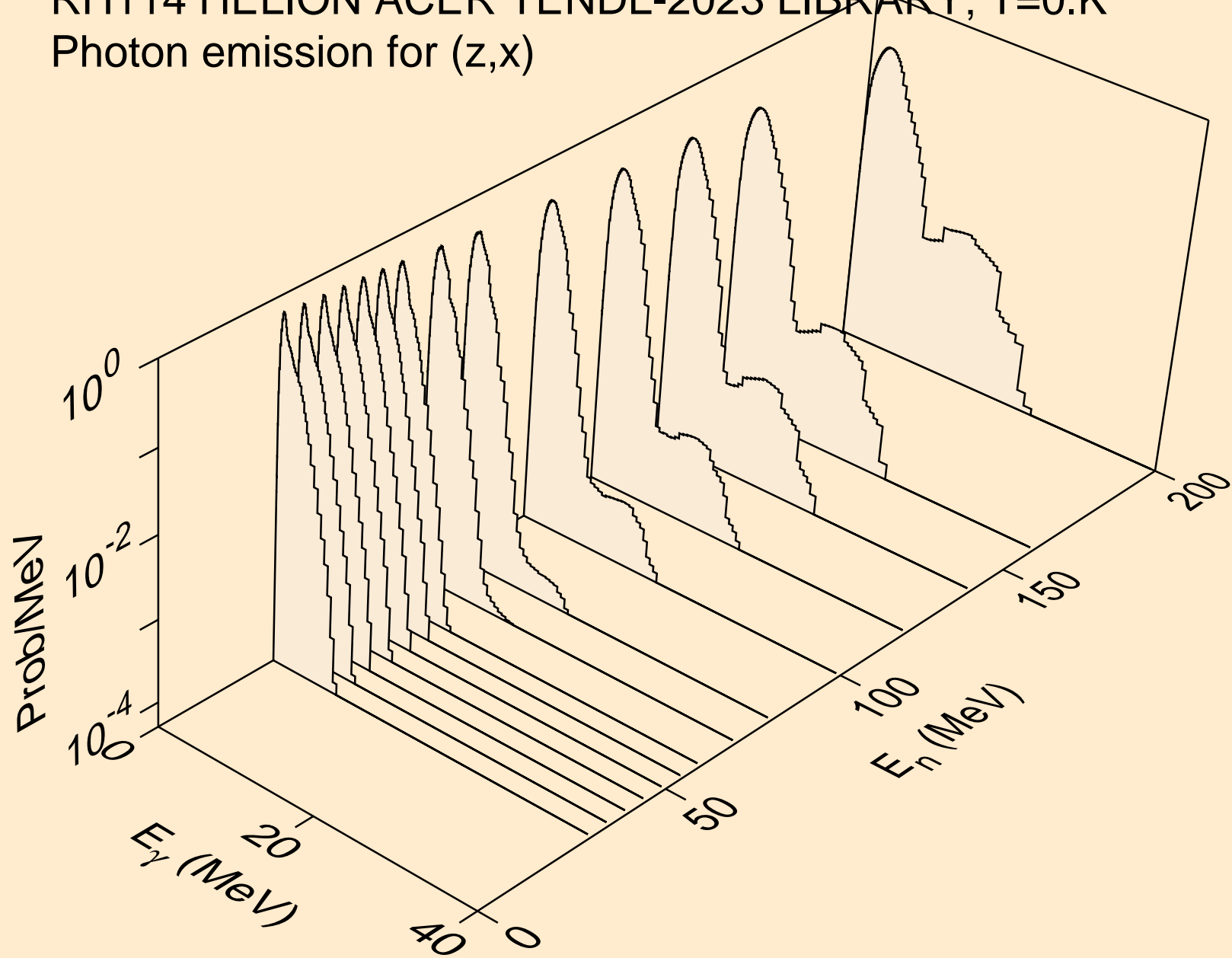
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



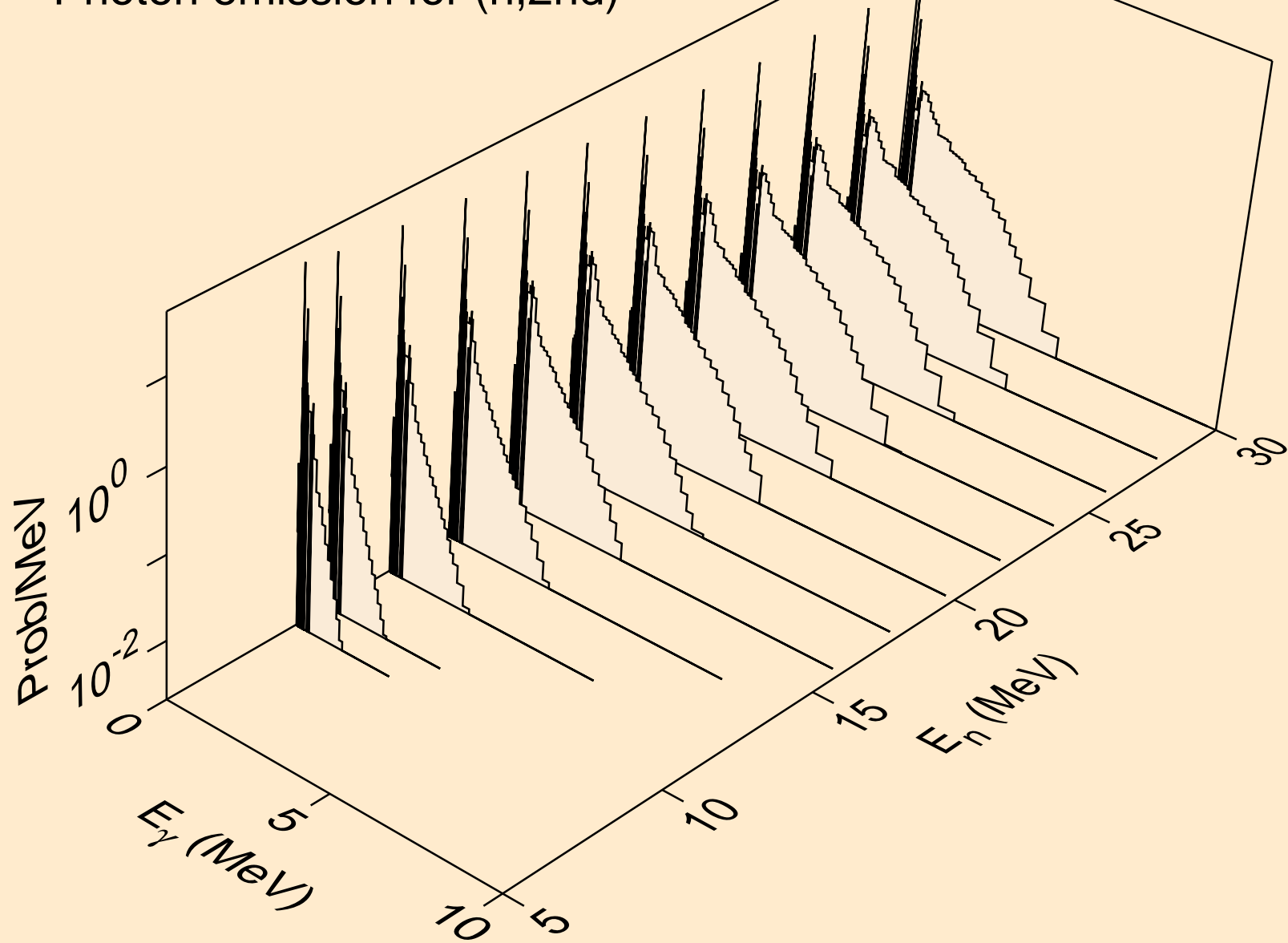
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



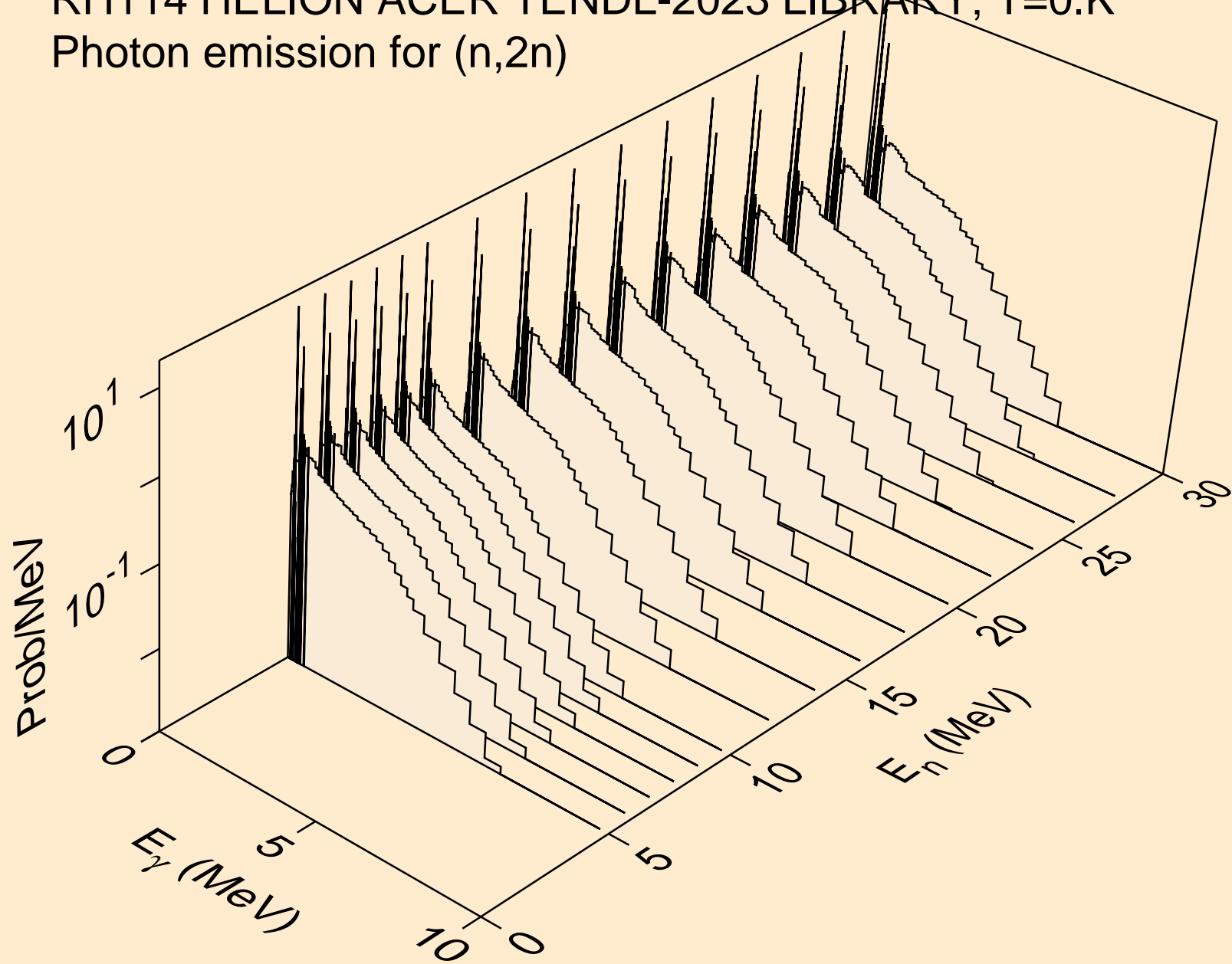
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



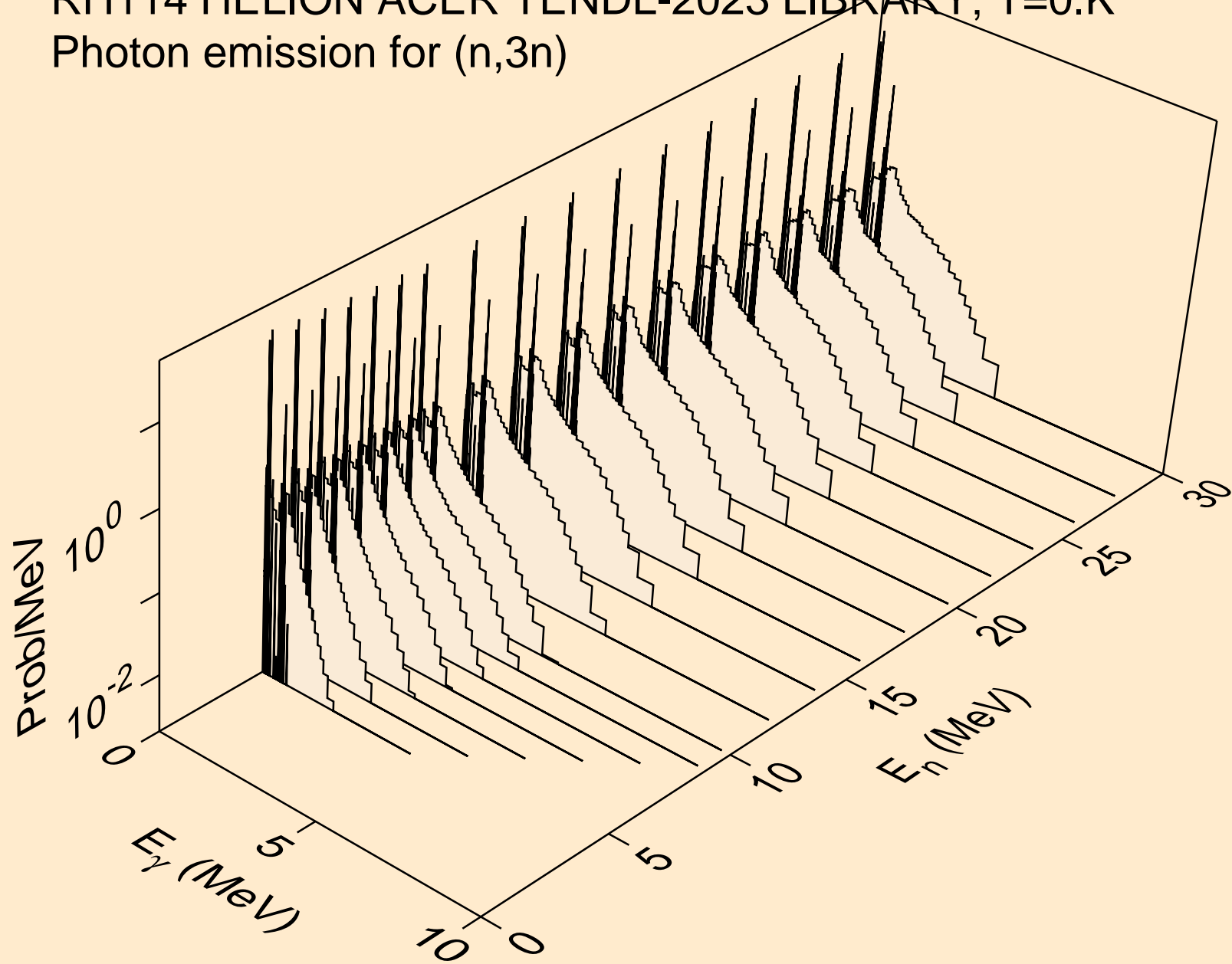
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



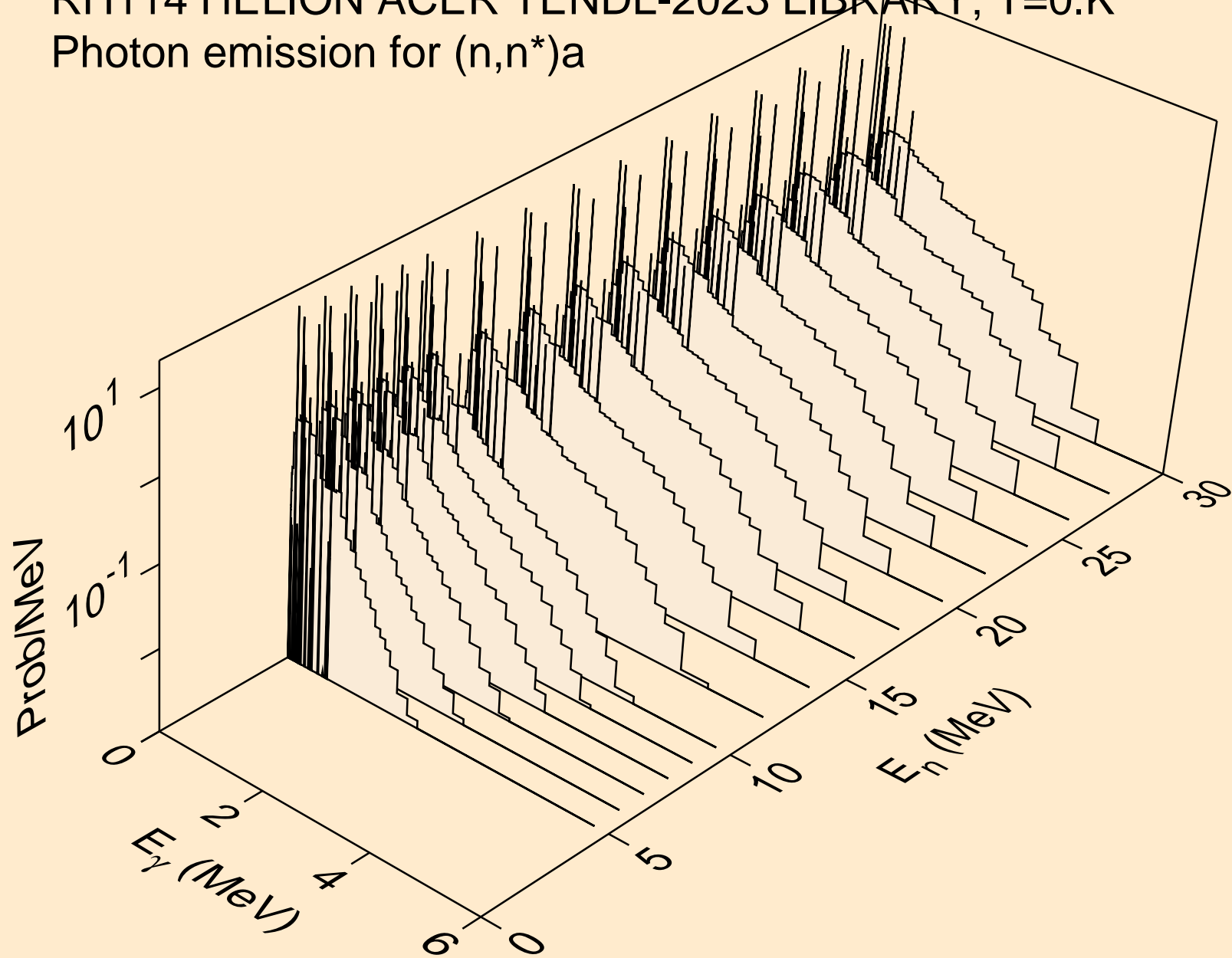
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



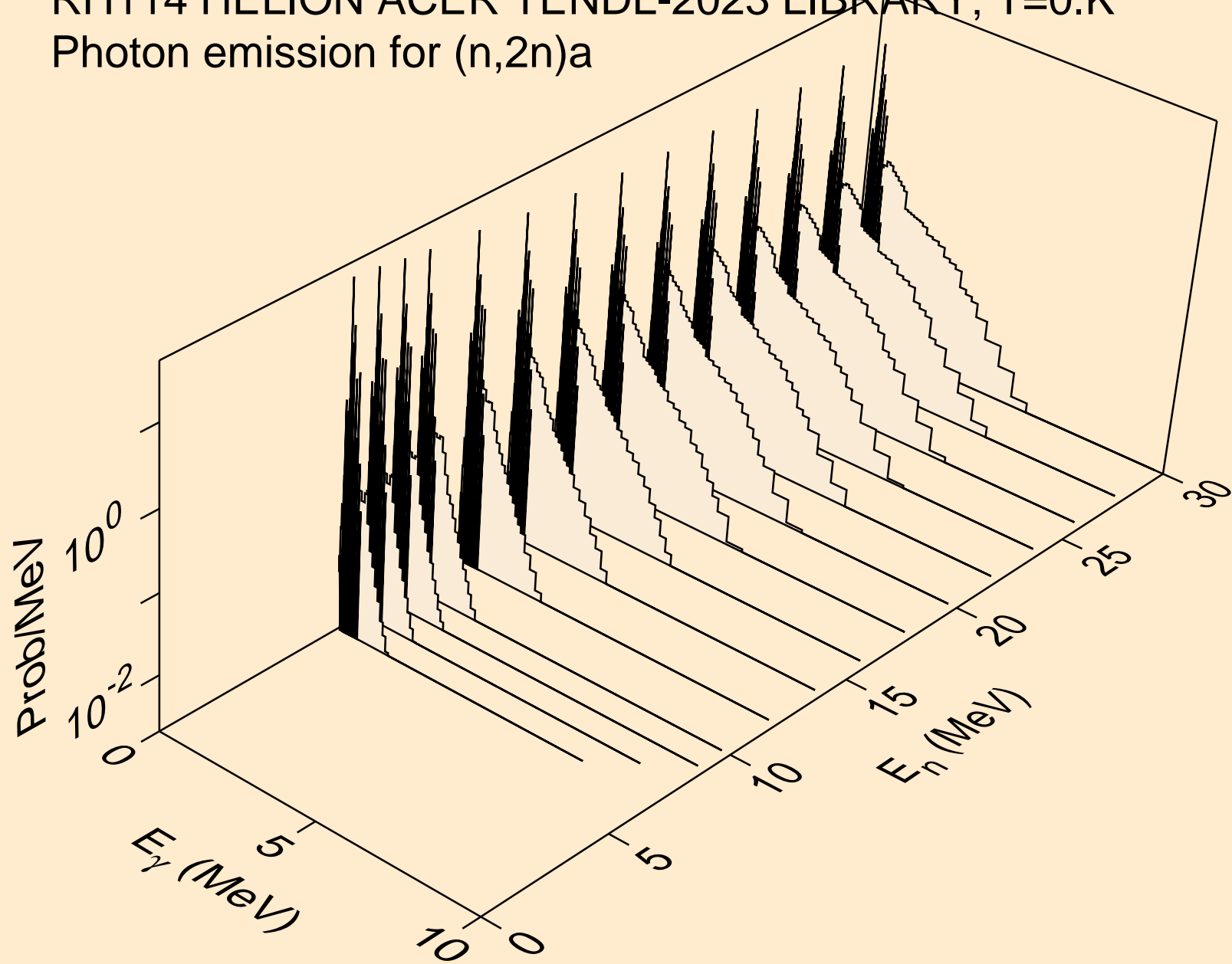
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

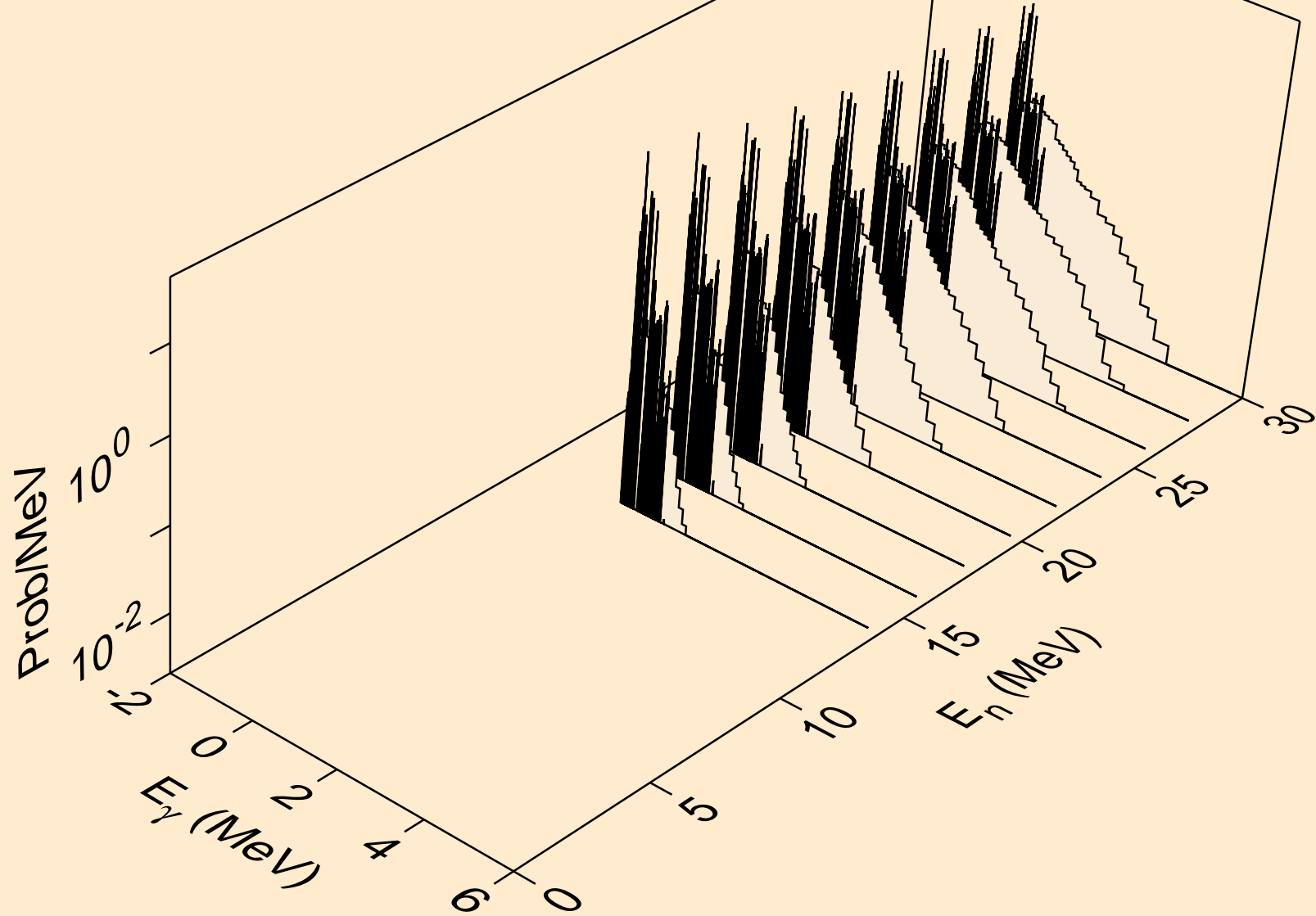


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

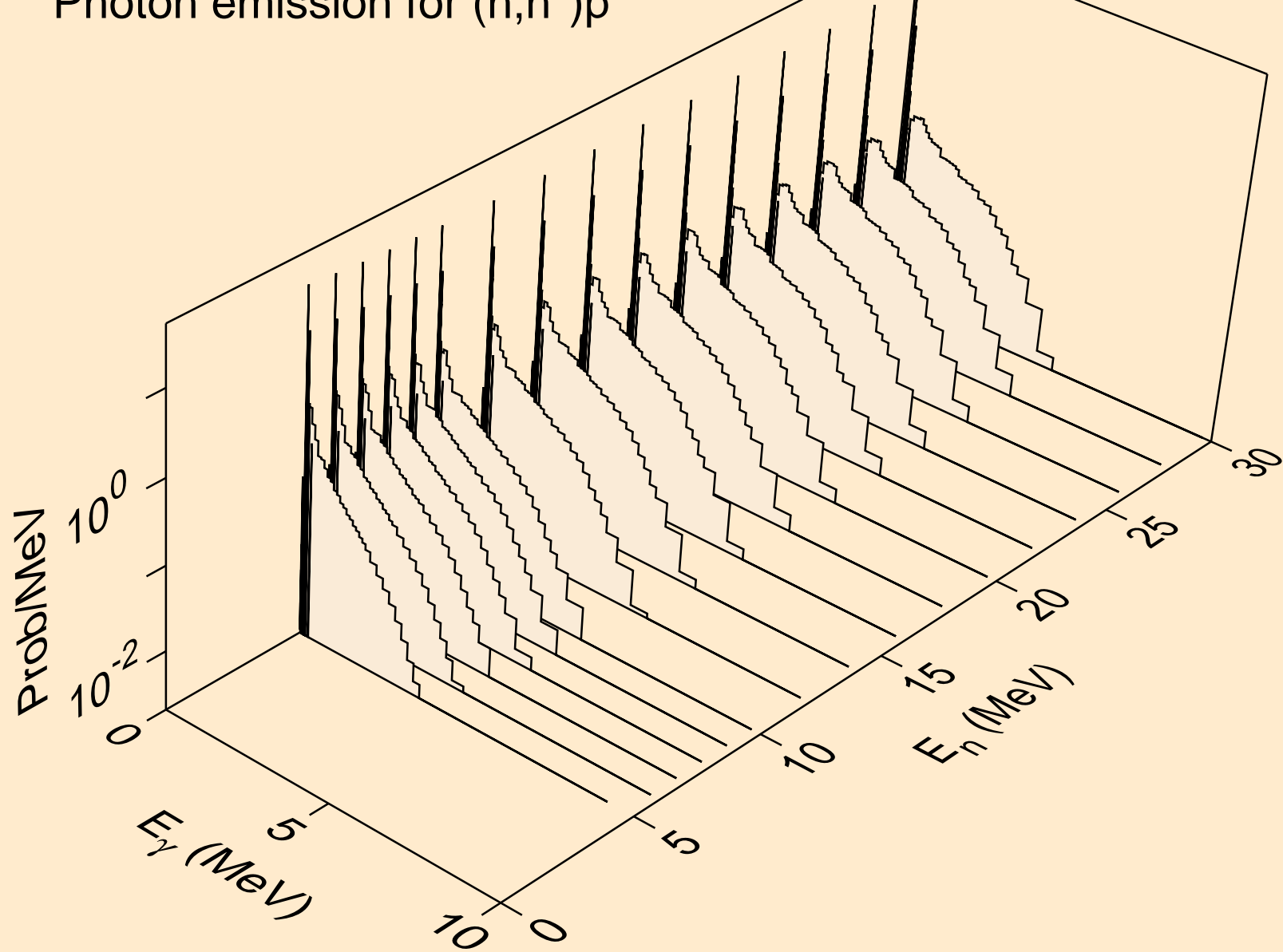




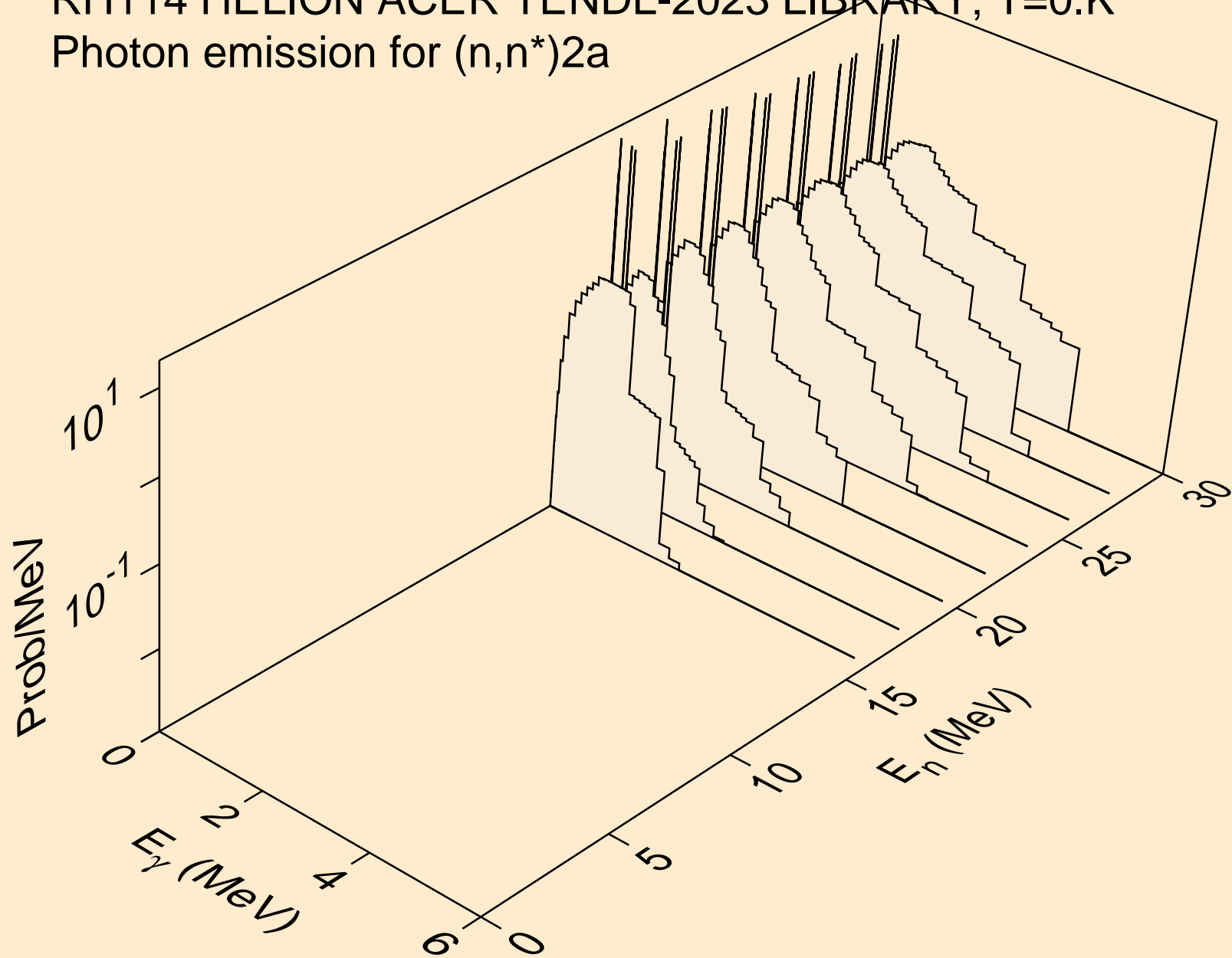
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



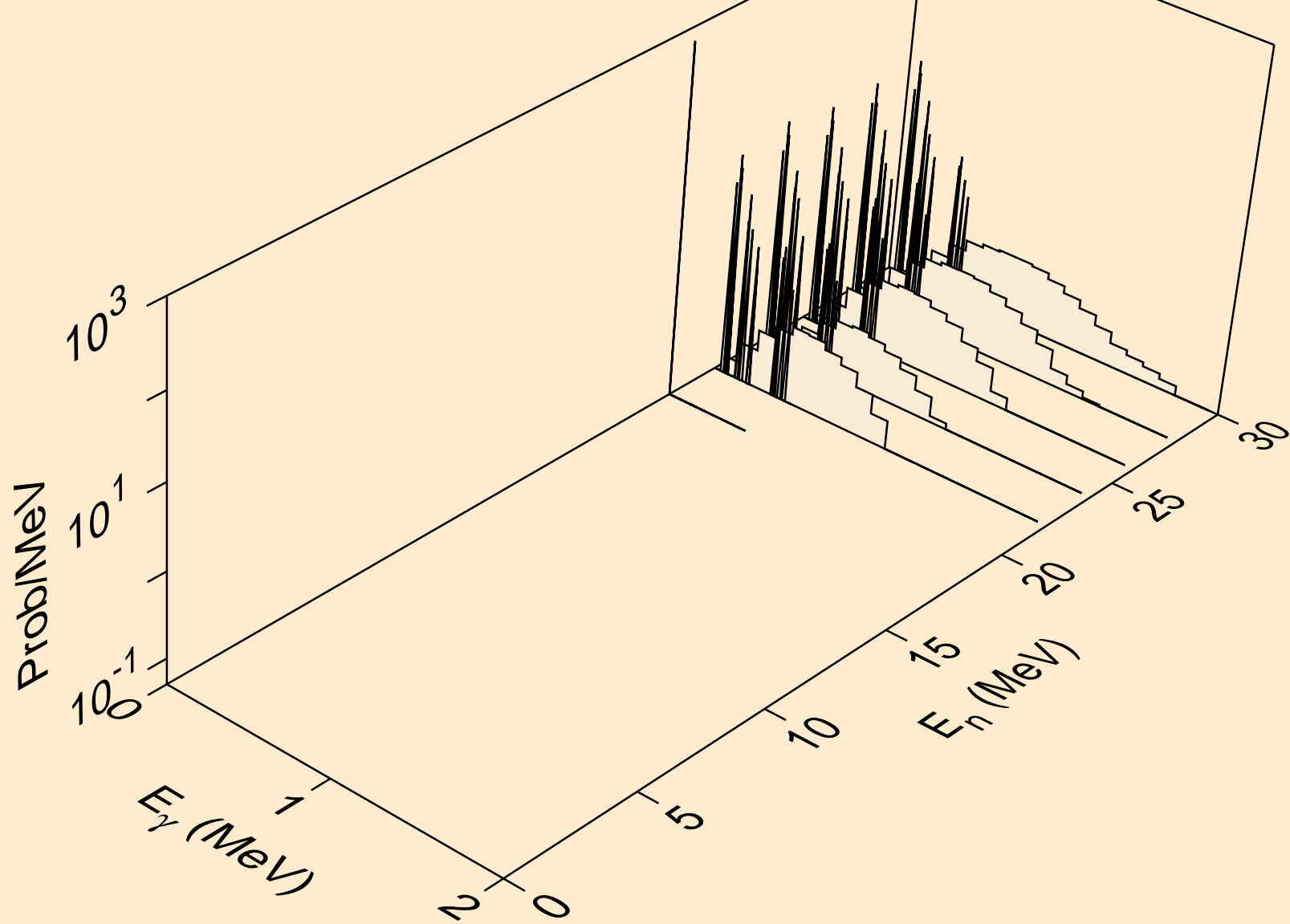
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



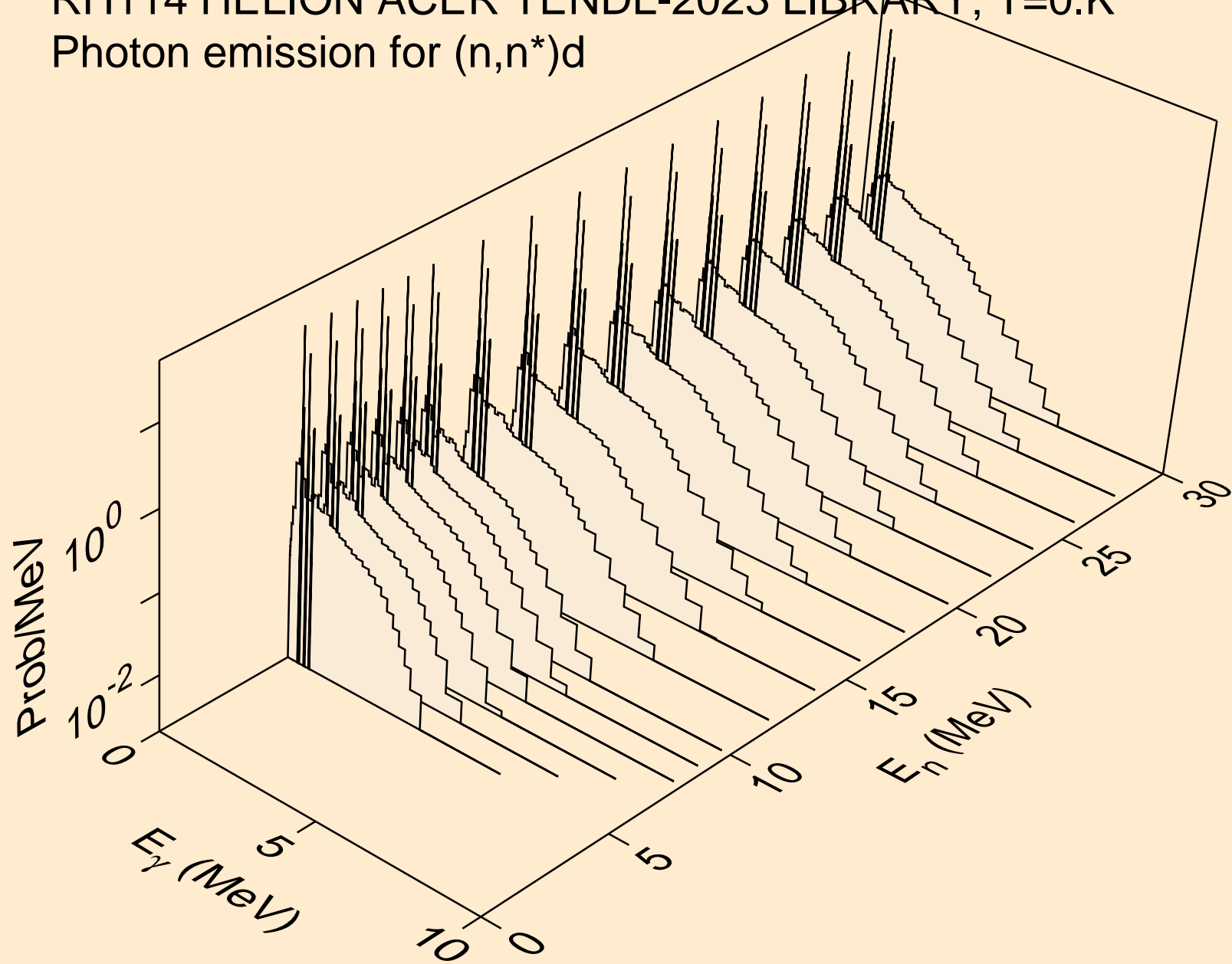
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



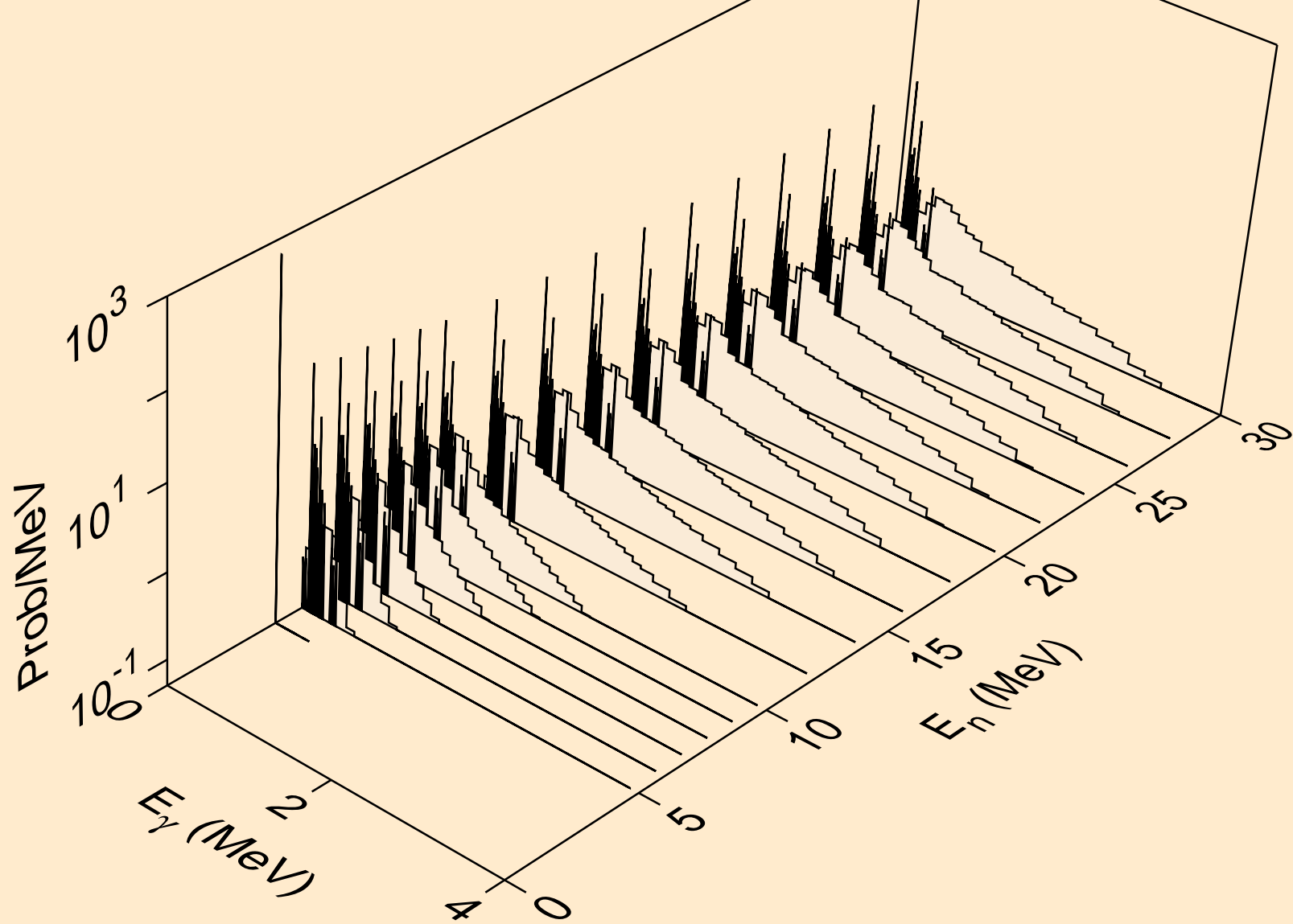
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



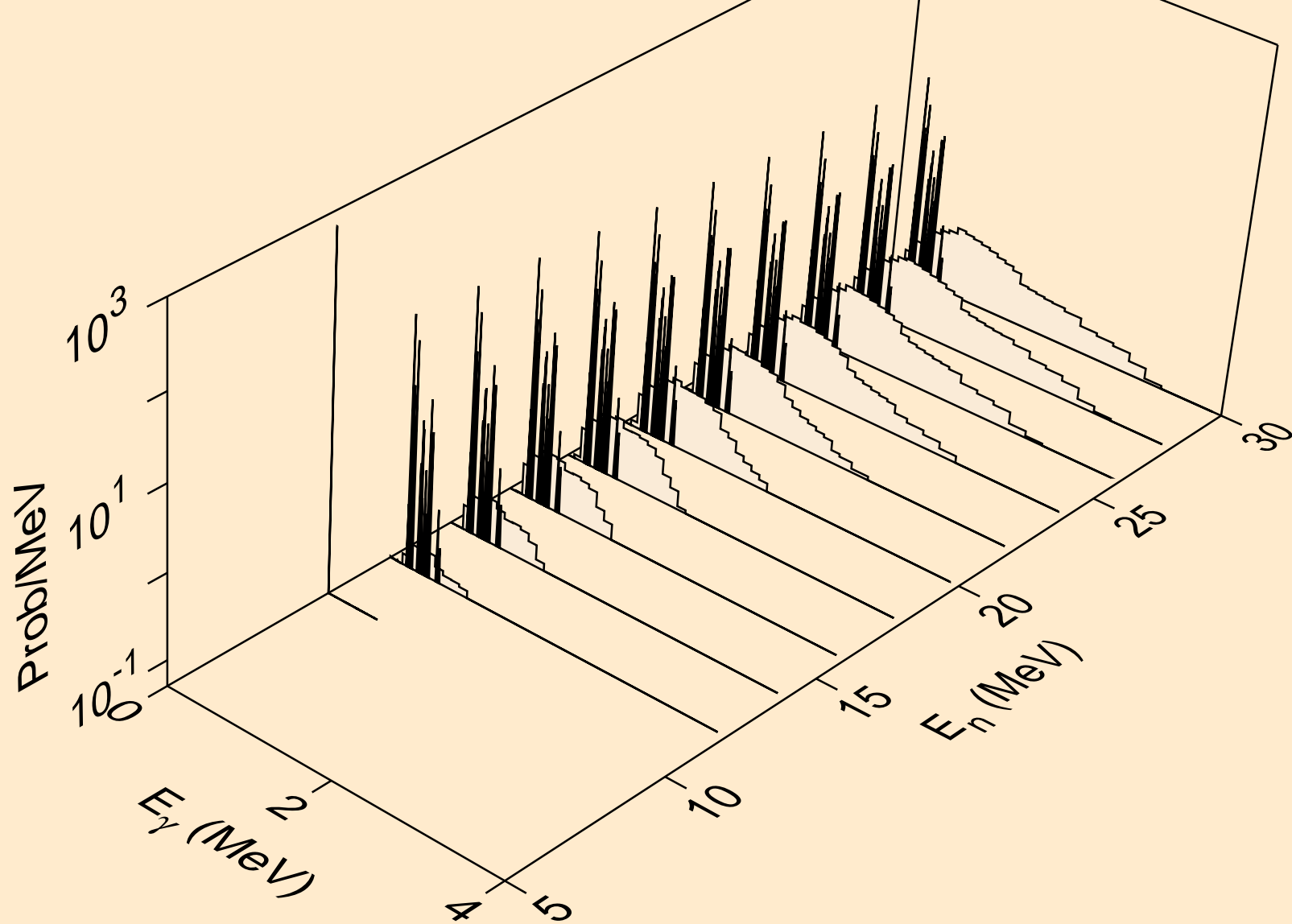
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



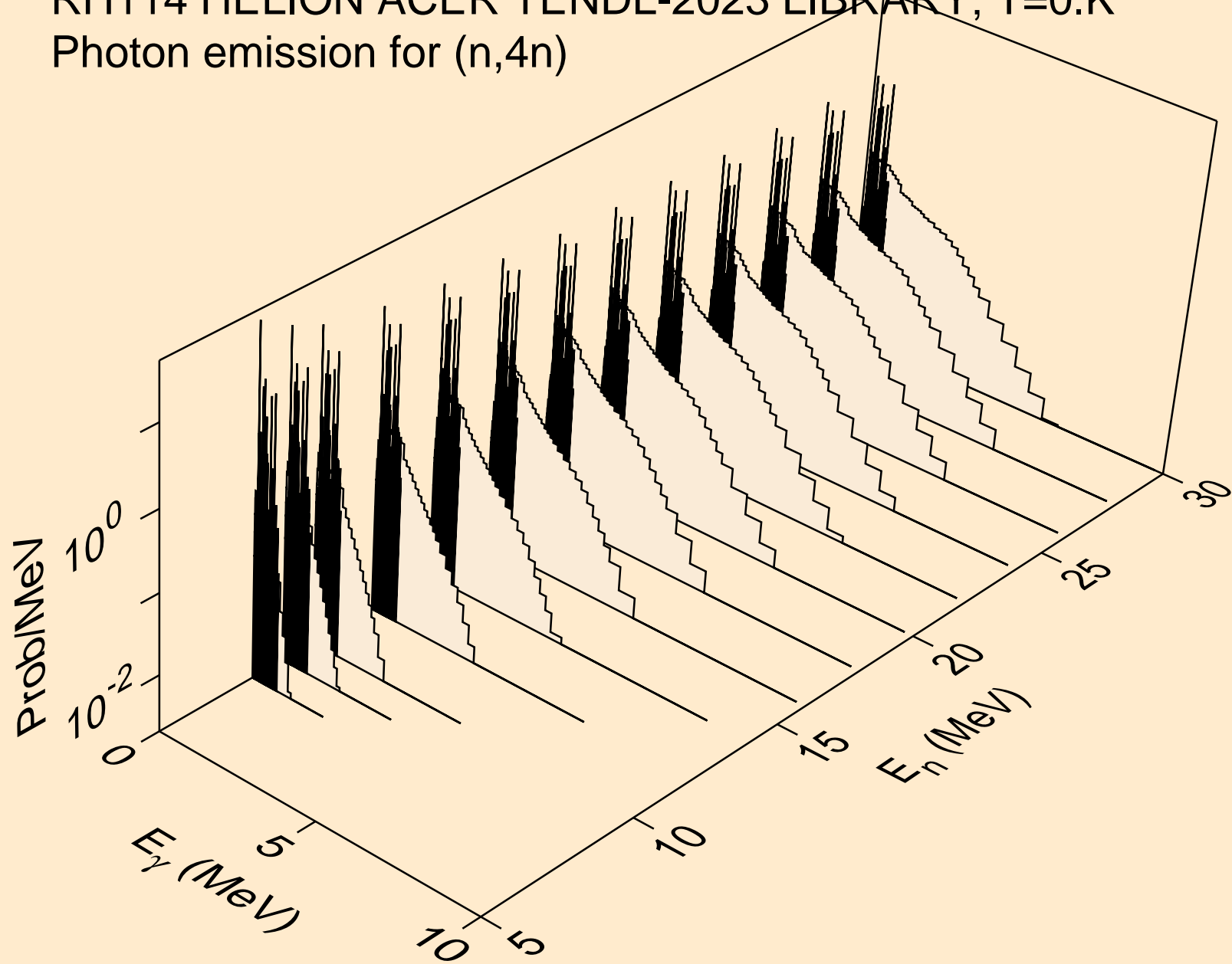
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

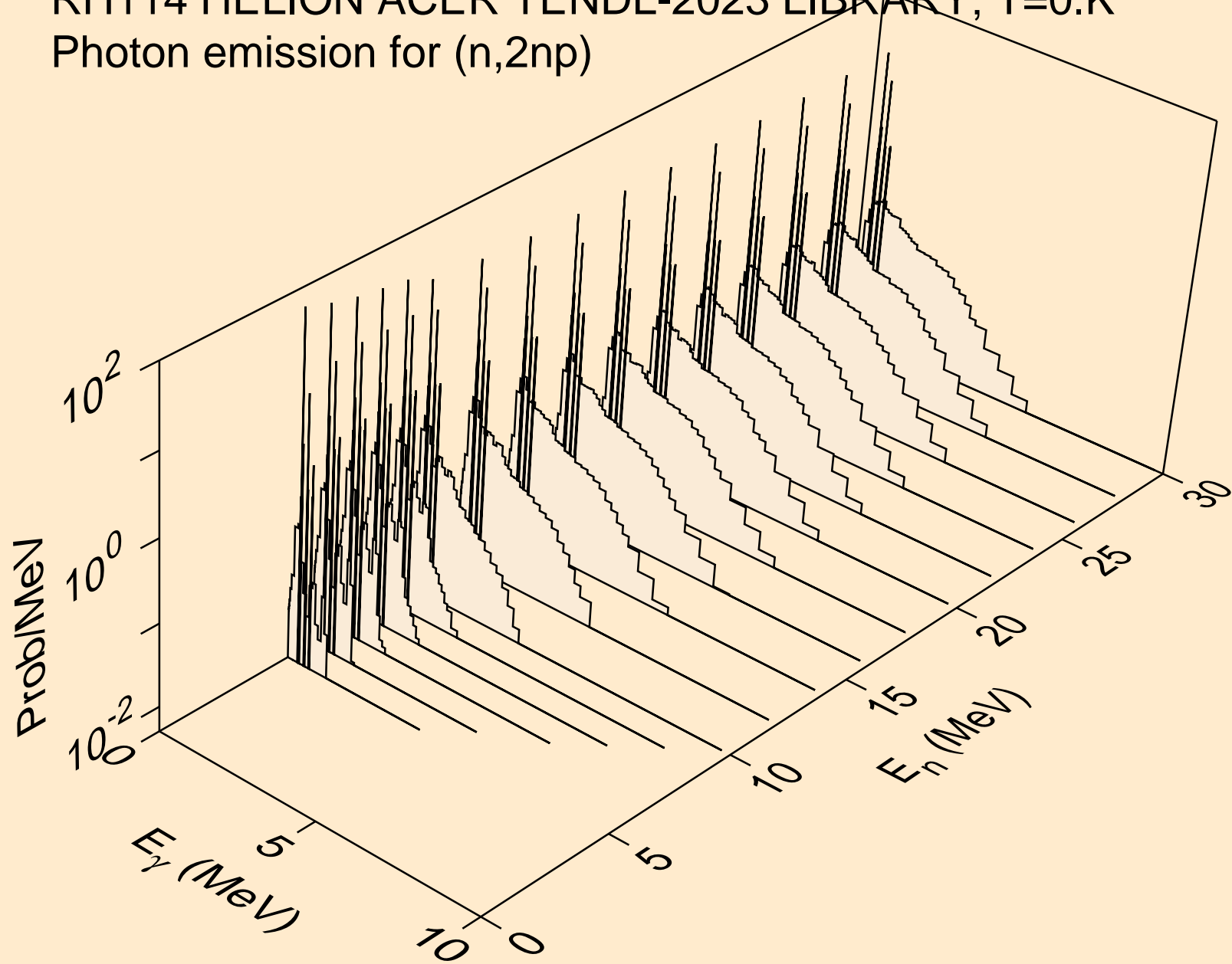


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

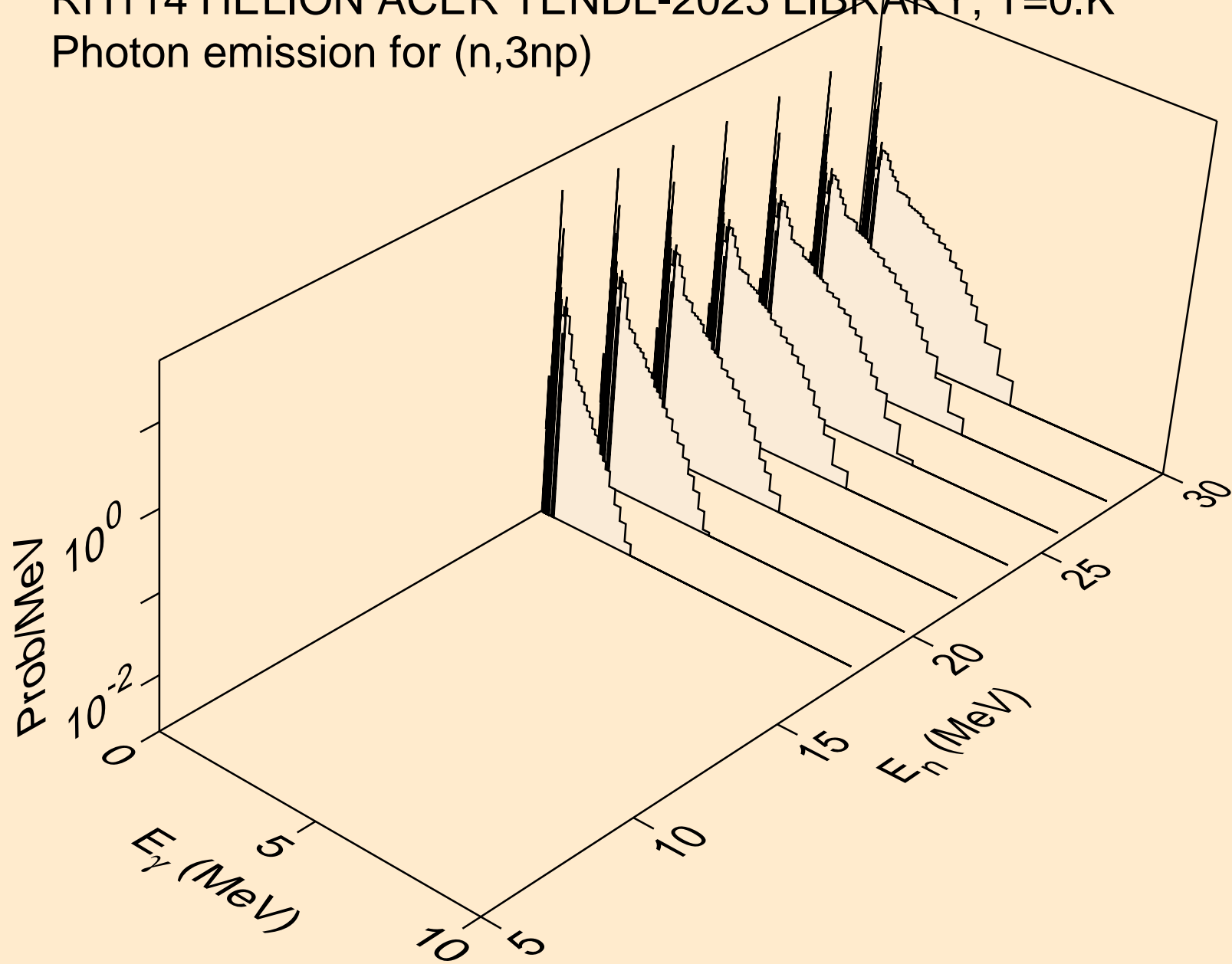




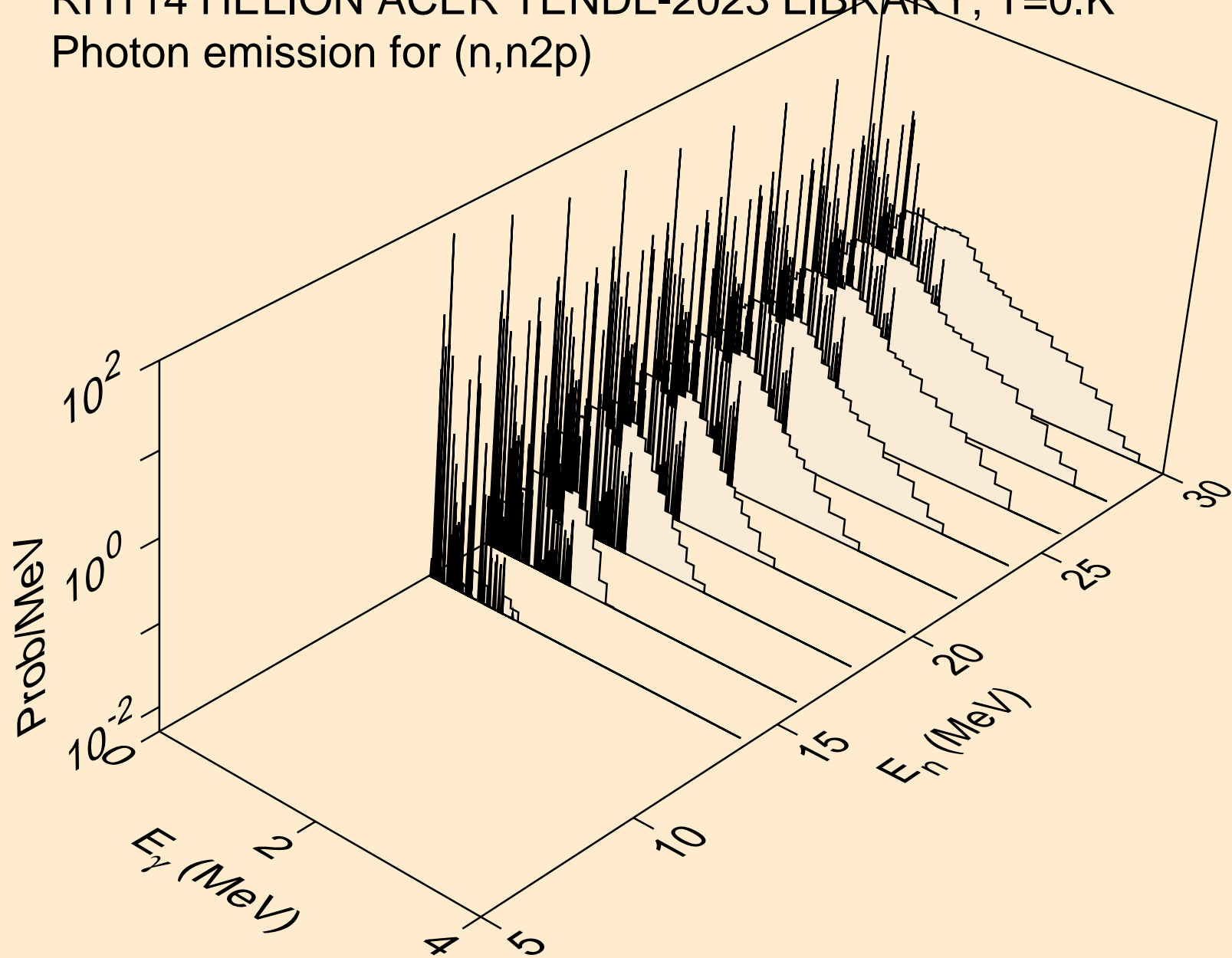
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Photon emission for (n,2np)



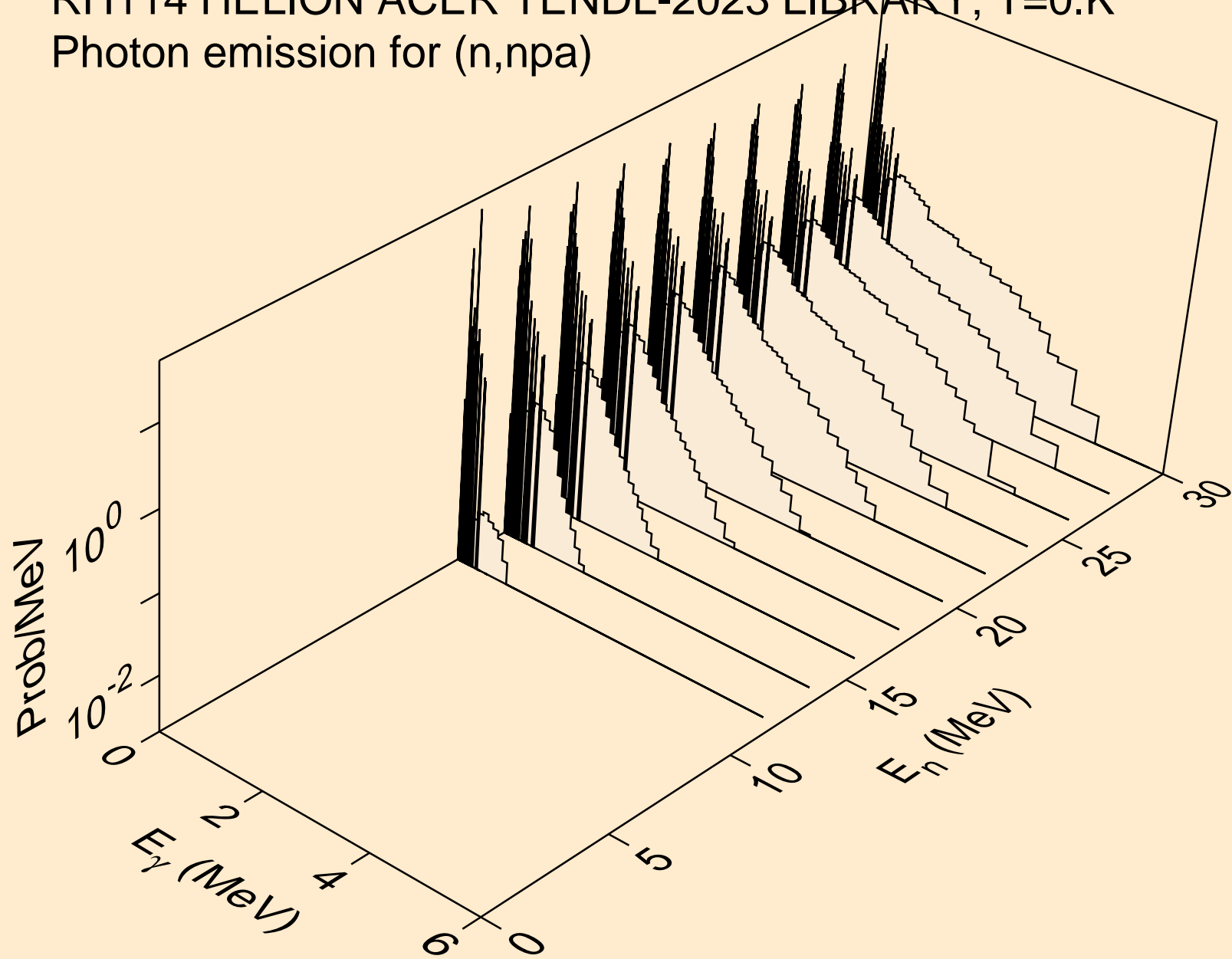
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Photon emission for (n,3np)



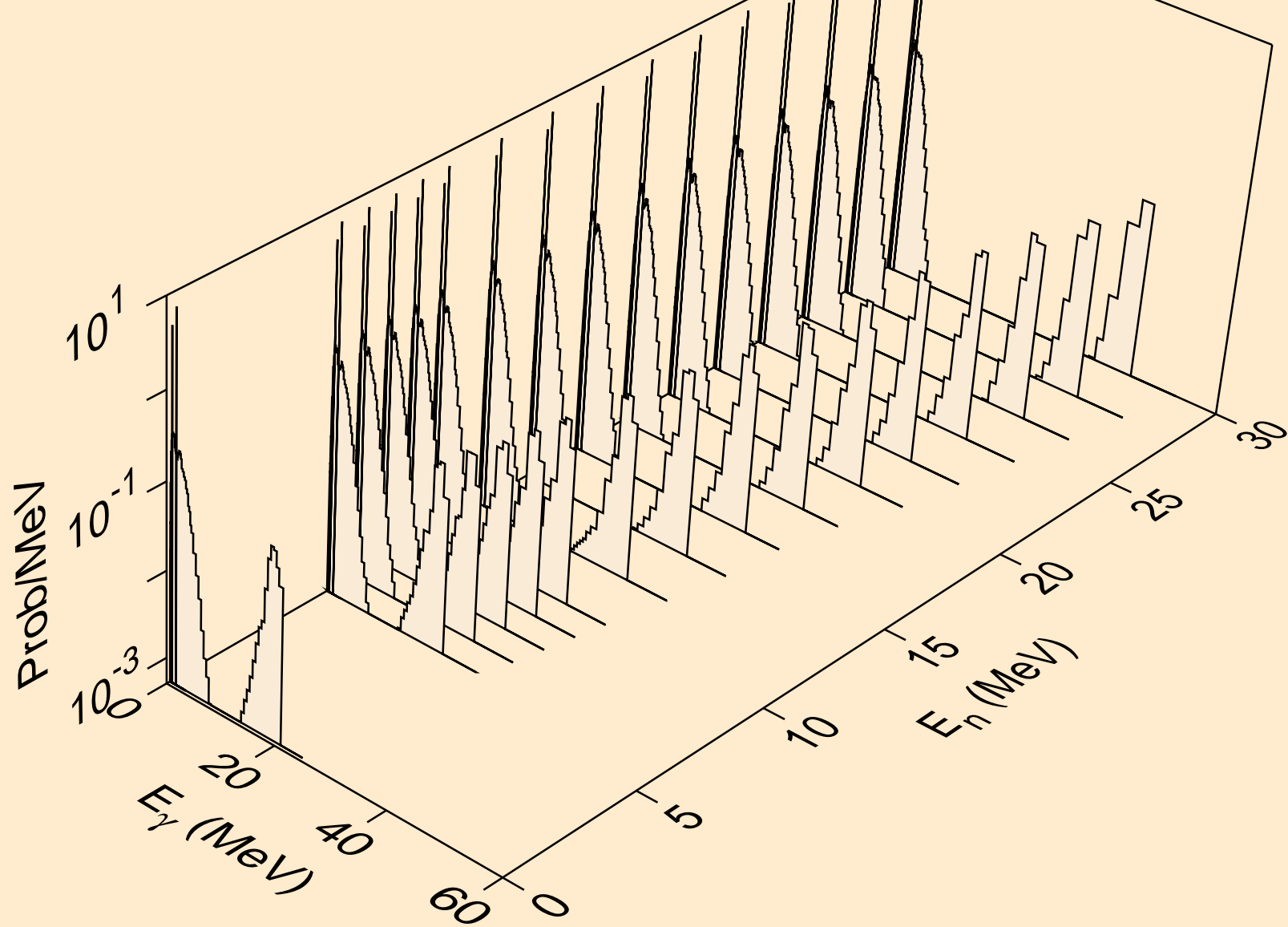
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Photon emission for (n,n2p)



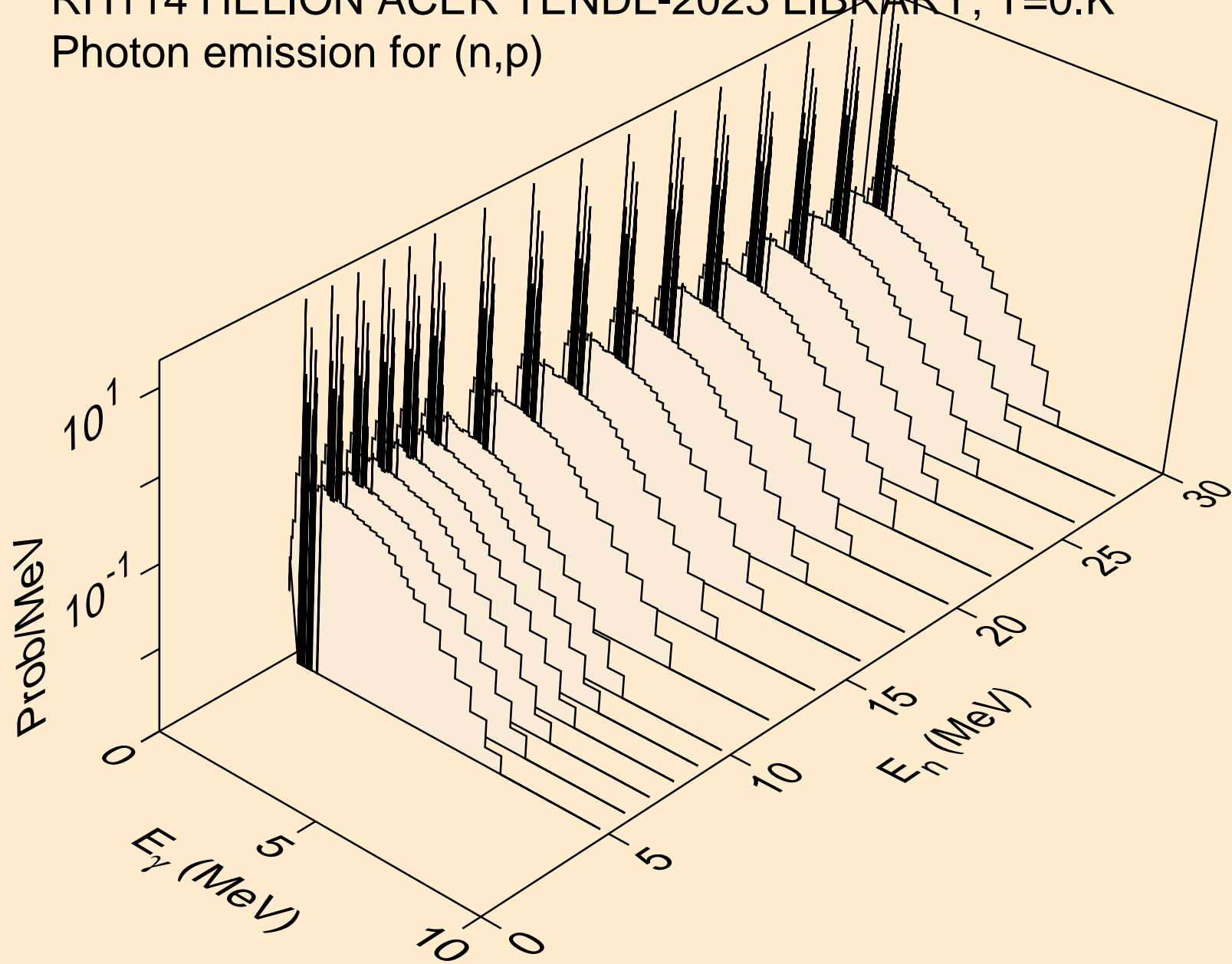
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Photon emission for (n,npa)



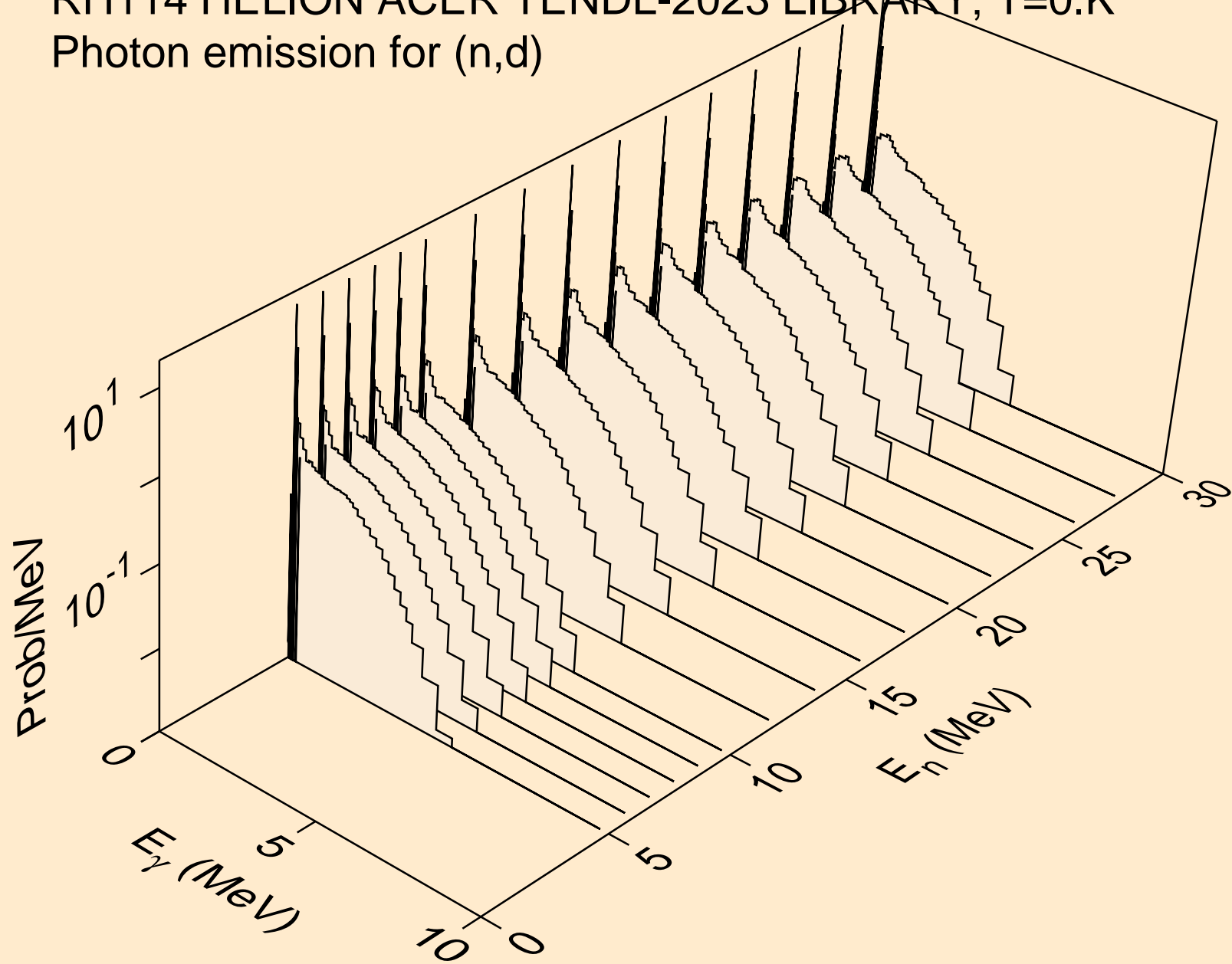
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



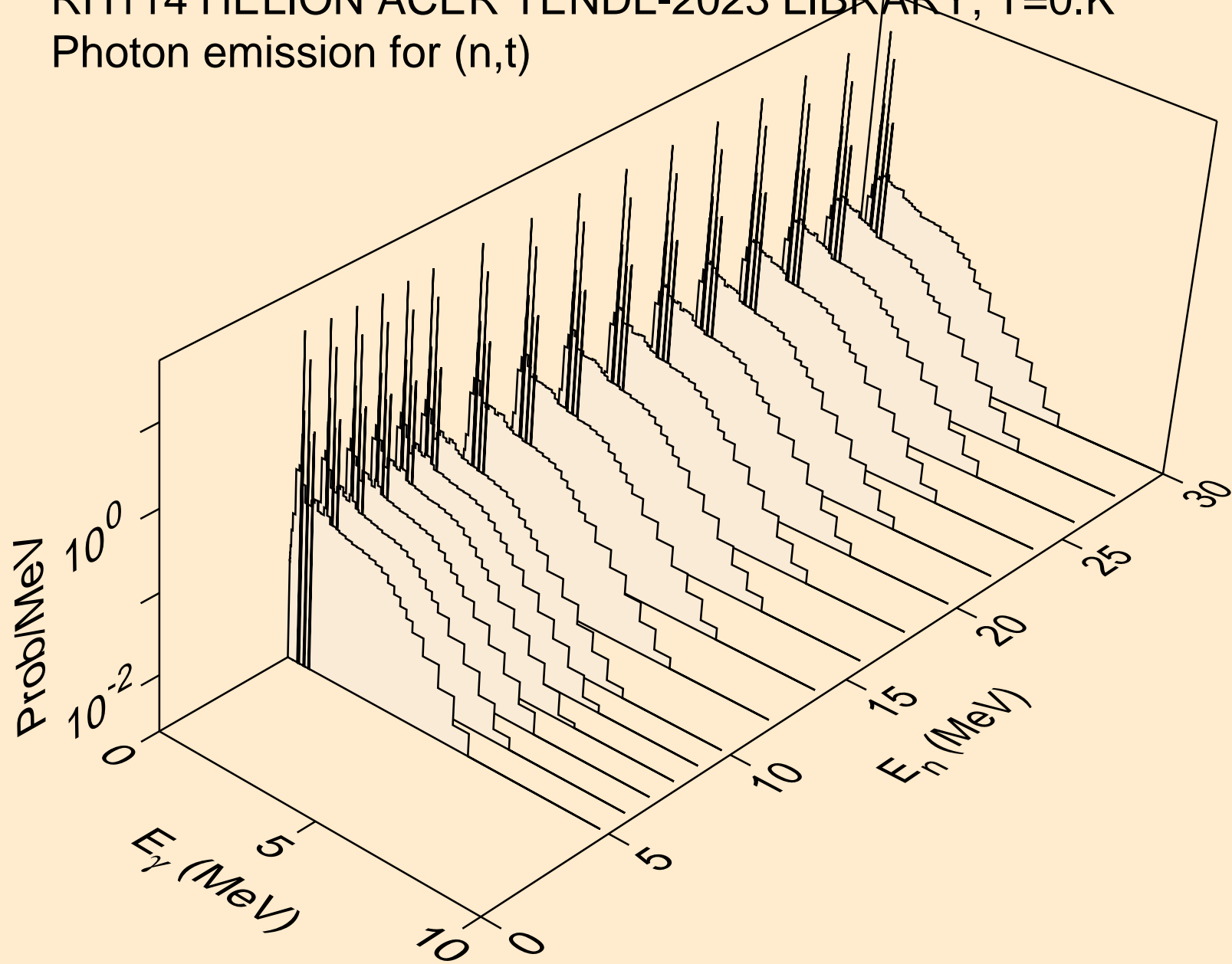
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

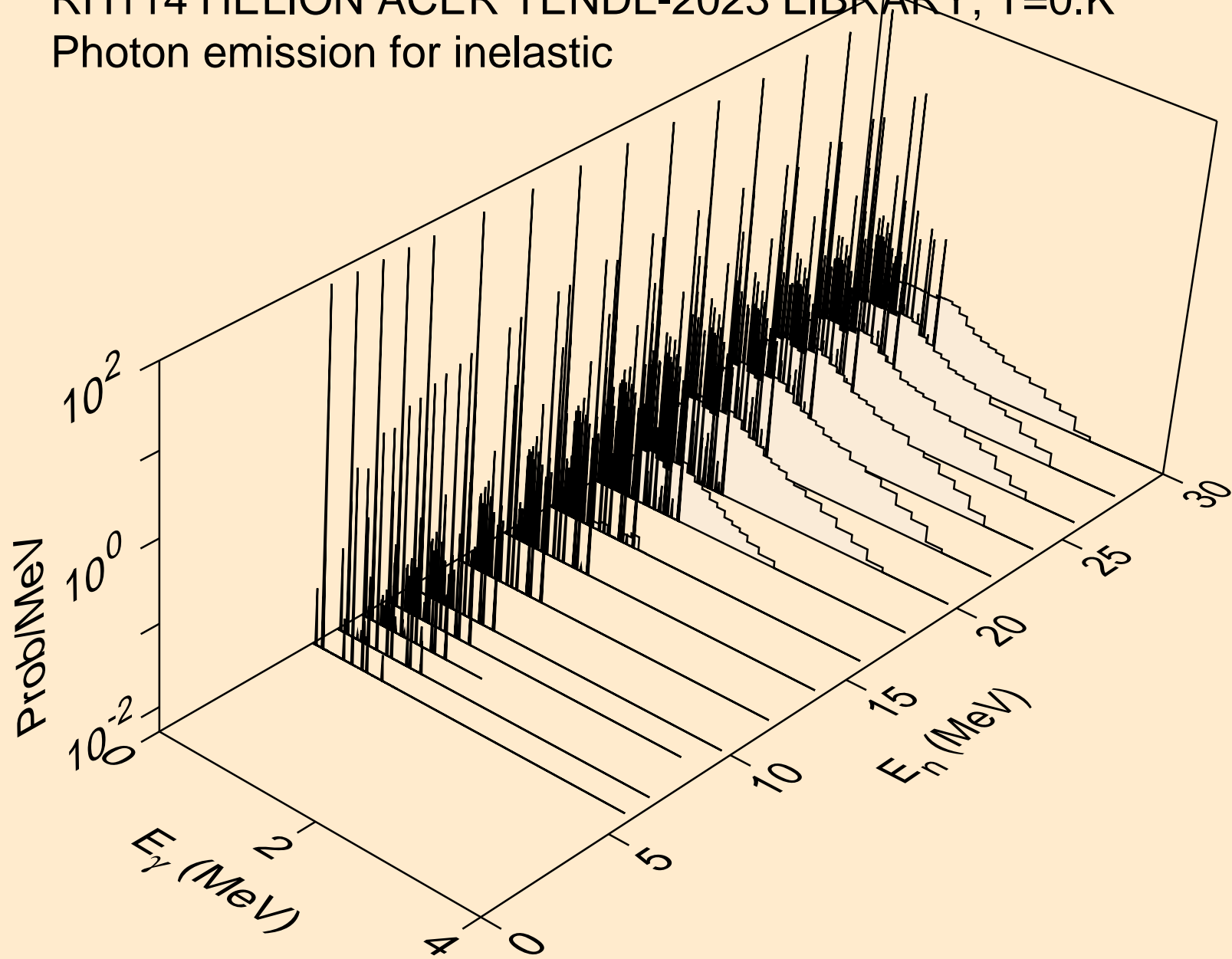


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

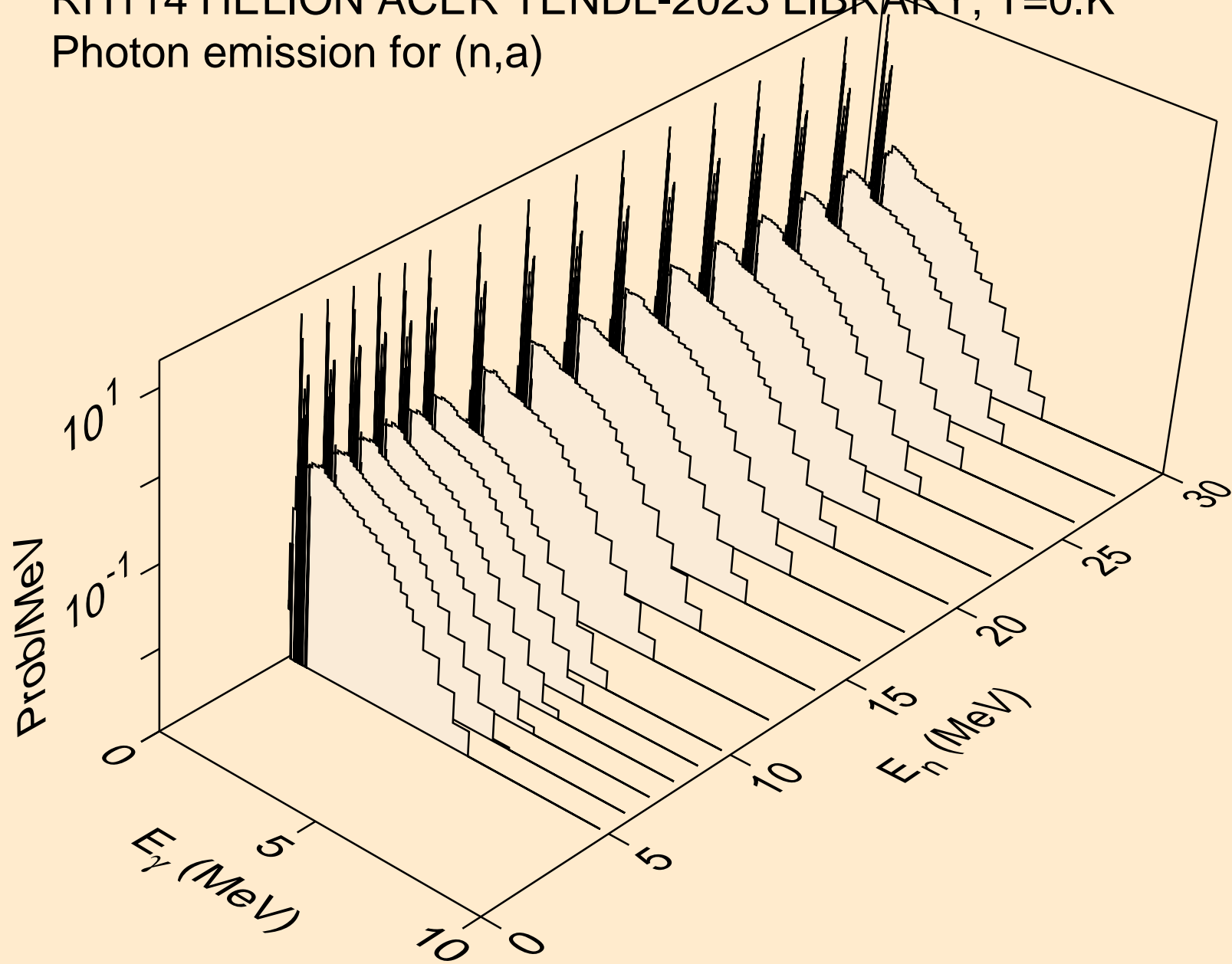




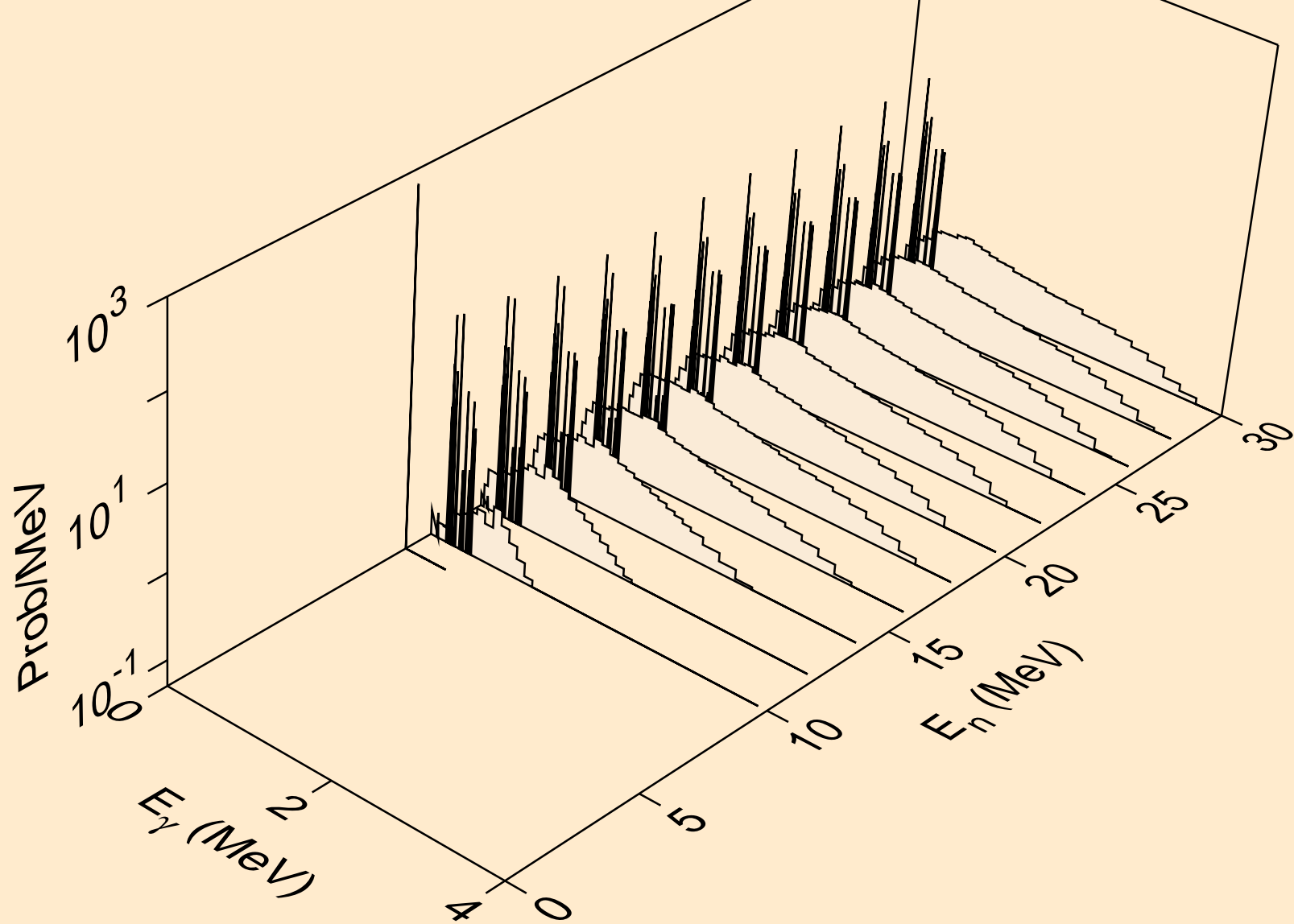
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



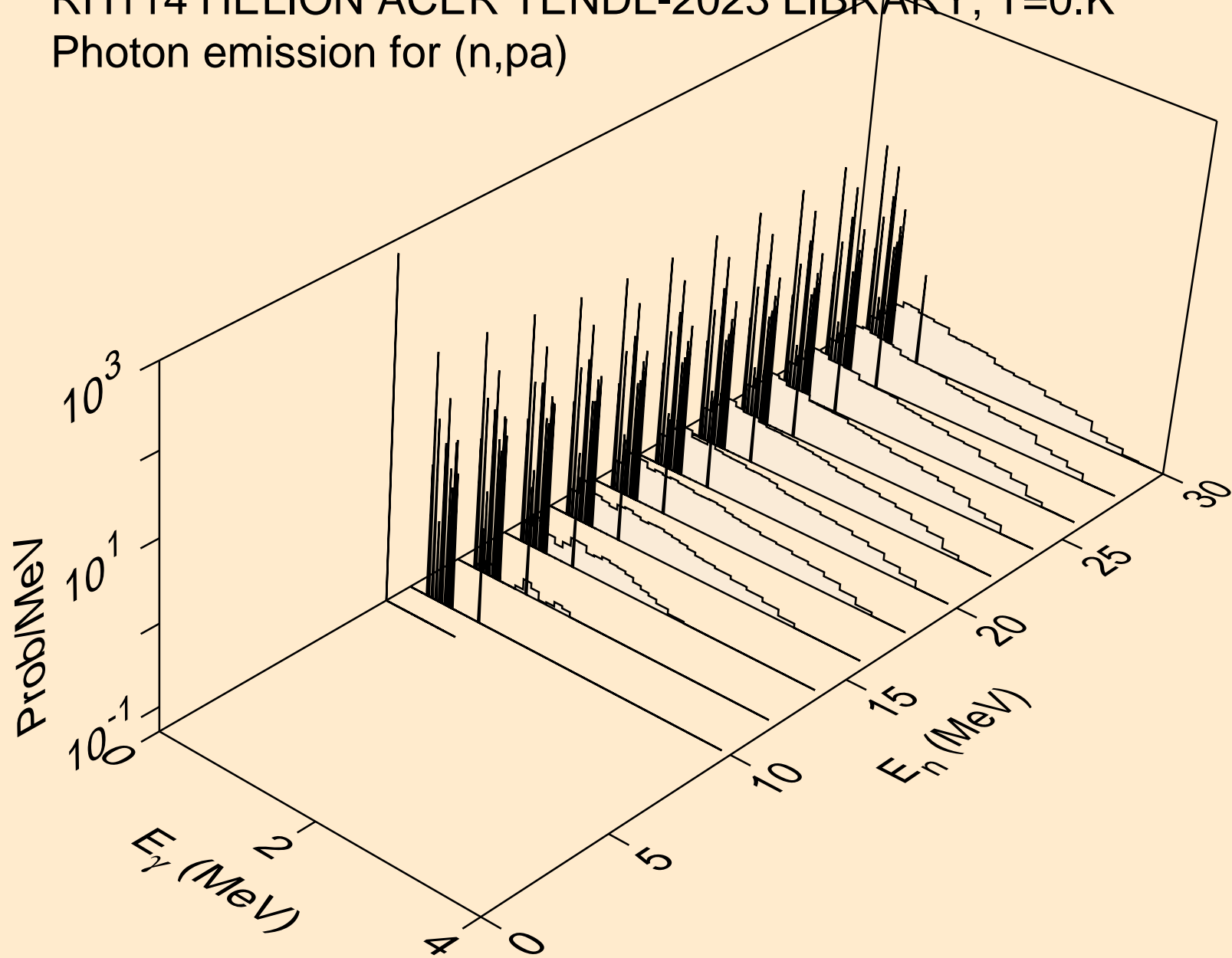
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Photon emission for (n,a)



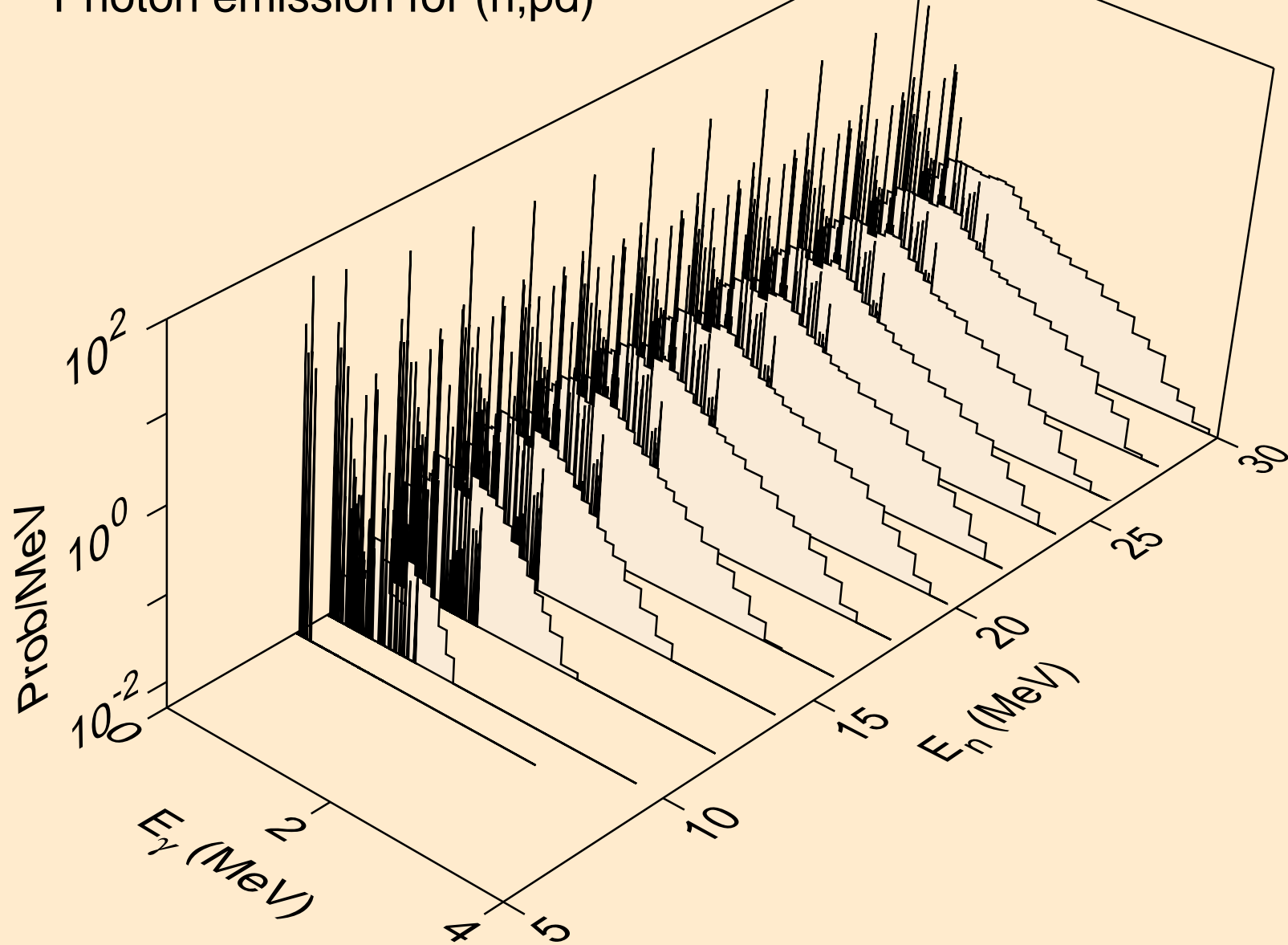
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



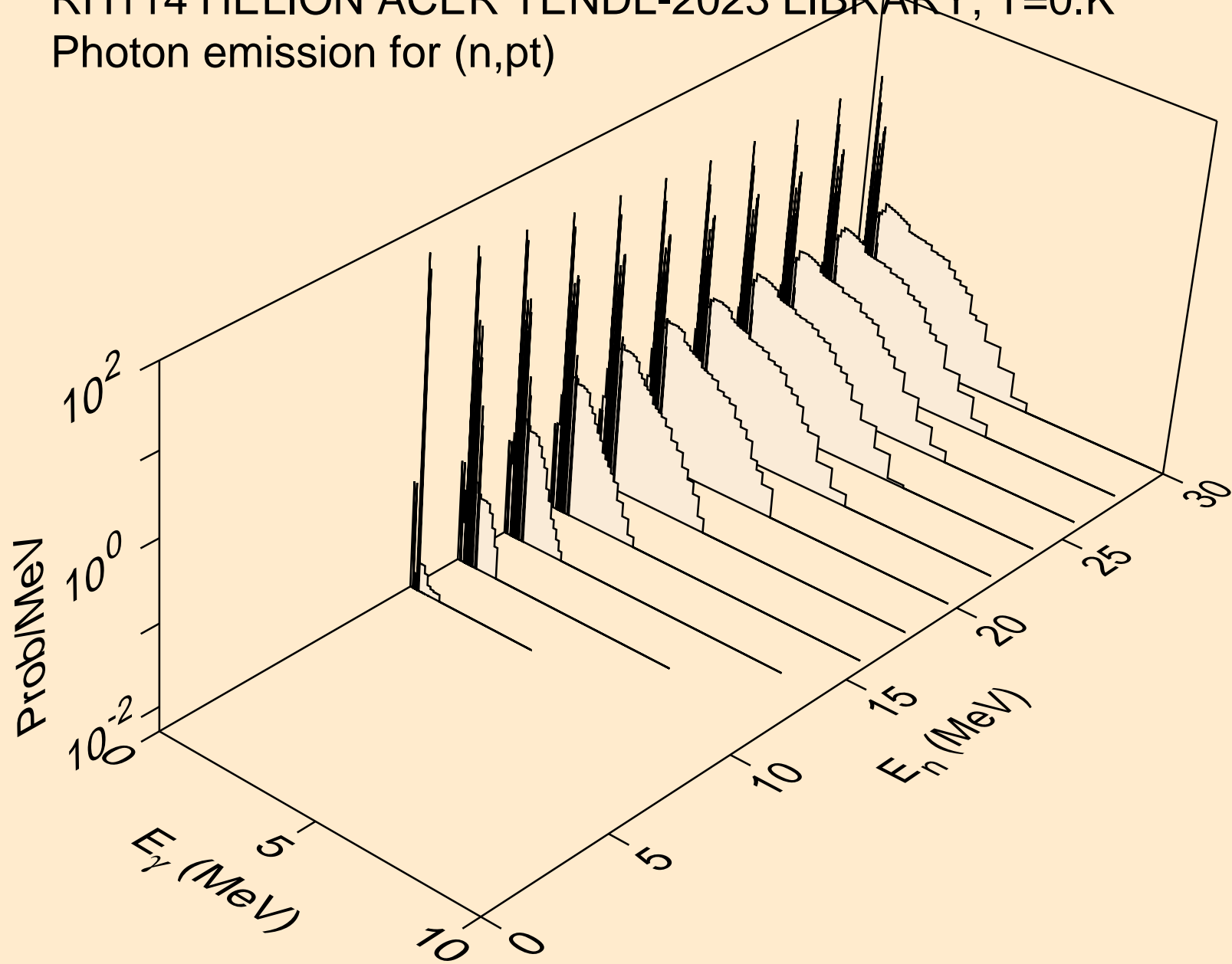
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Photon emission for (n,pa)



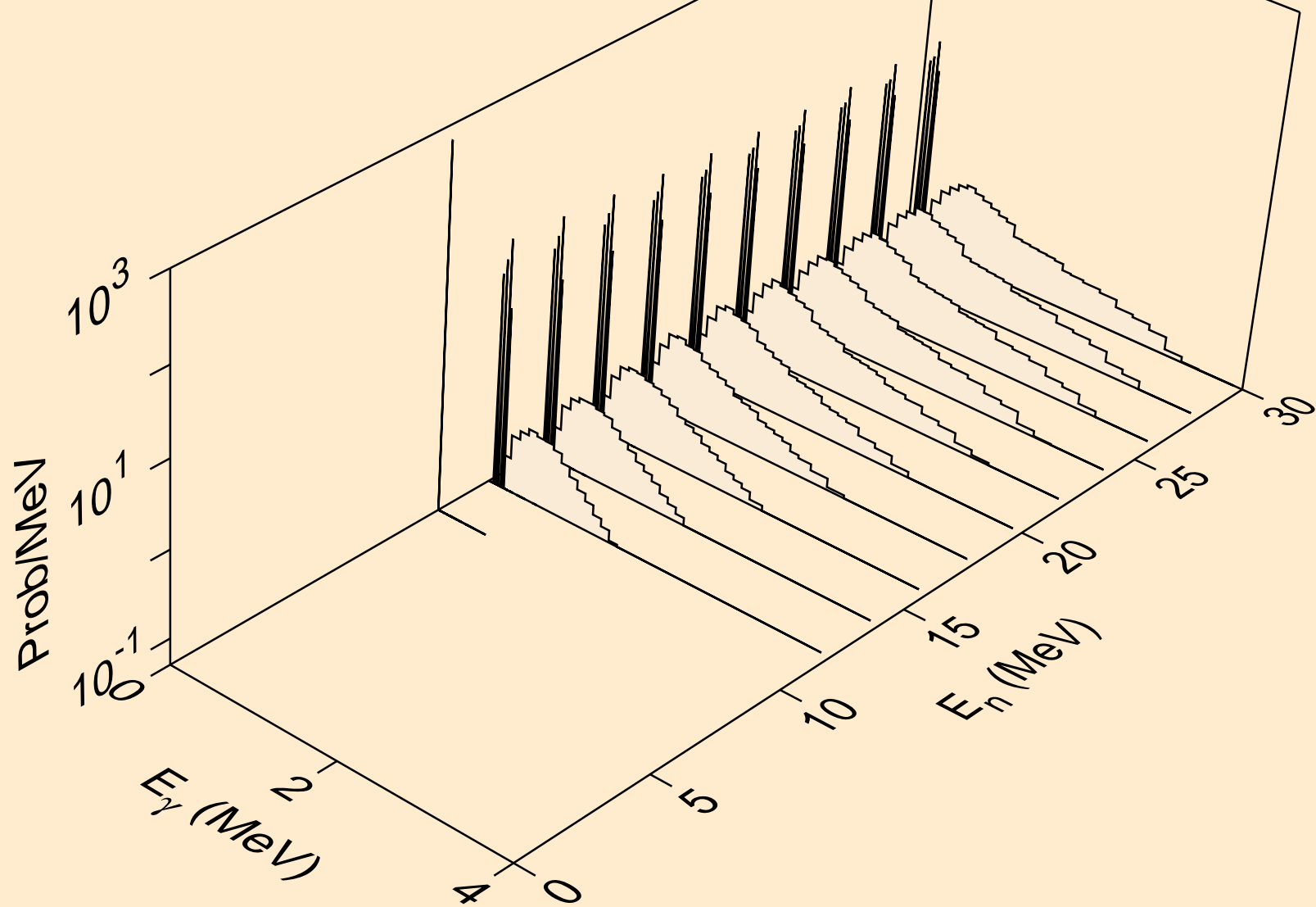
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Photon emission for (n,pd)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

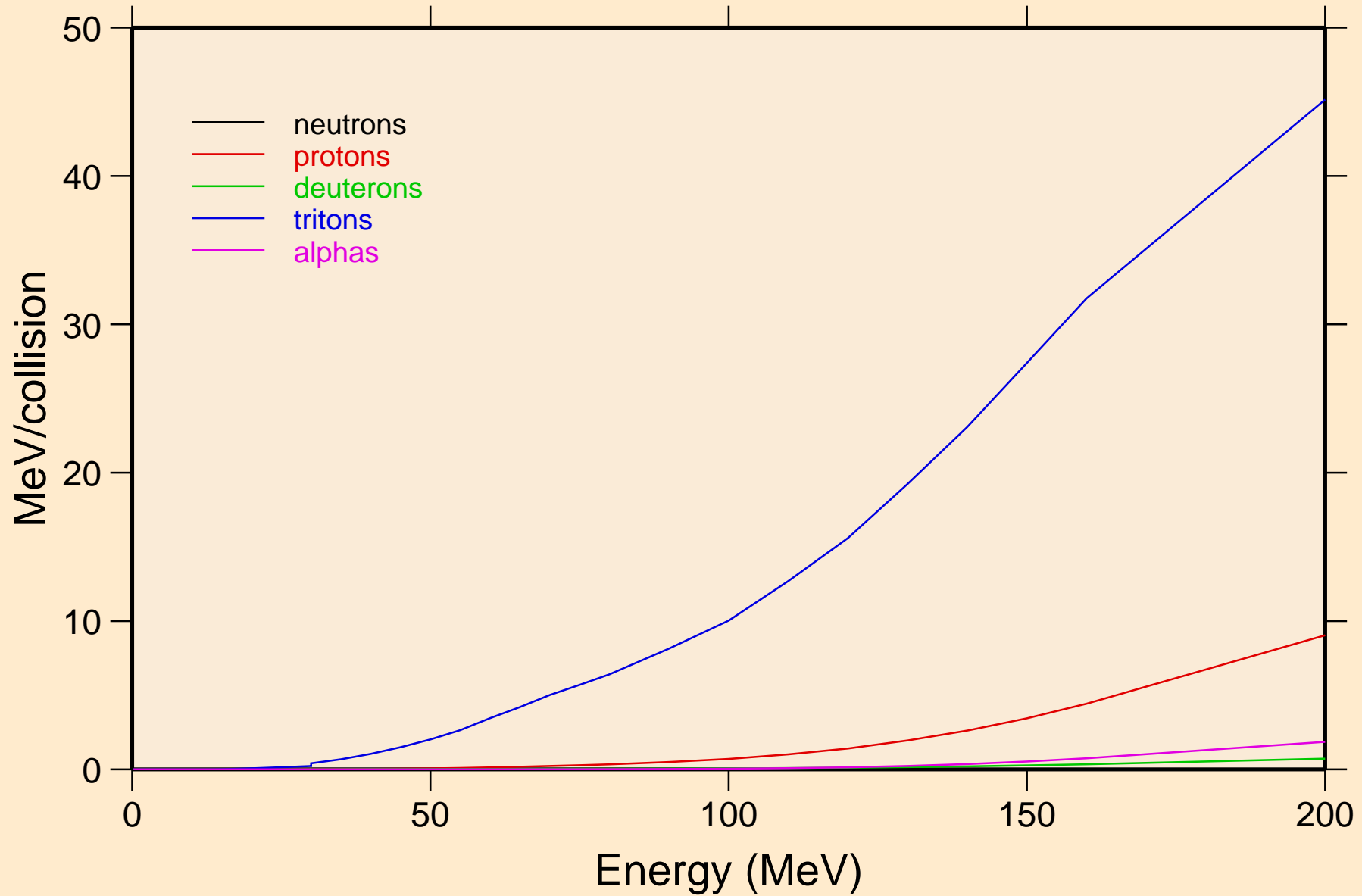


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



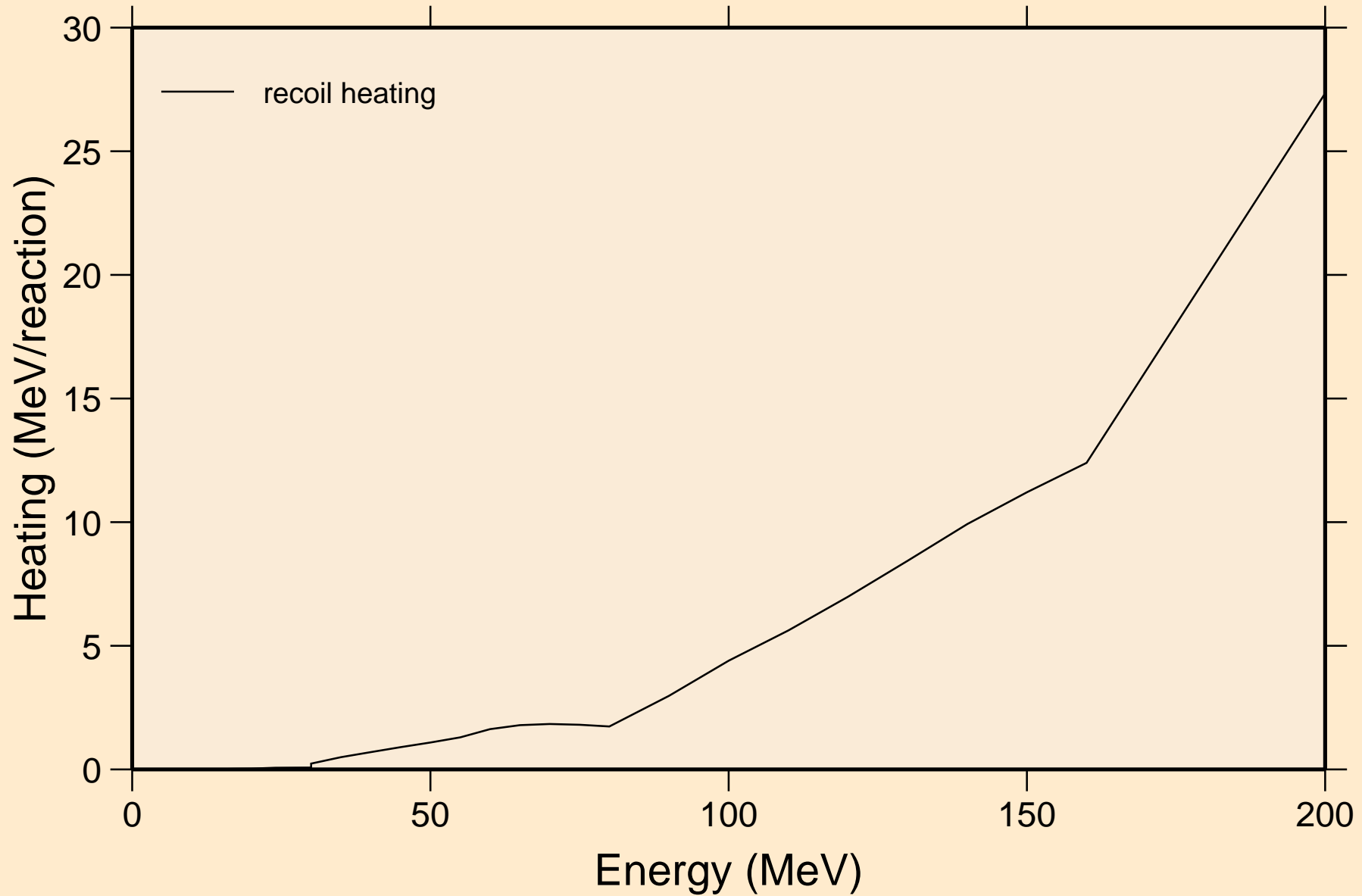
# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



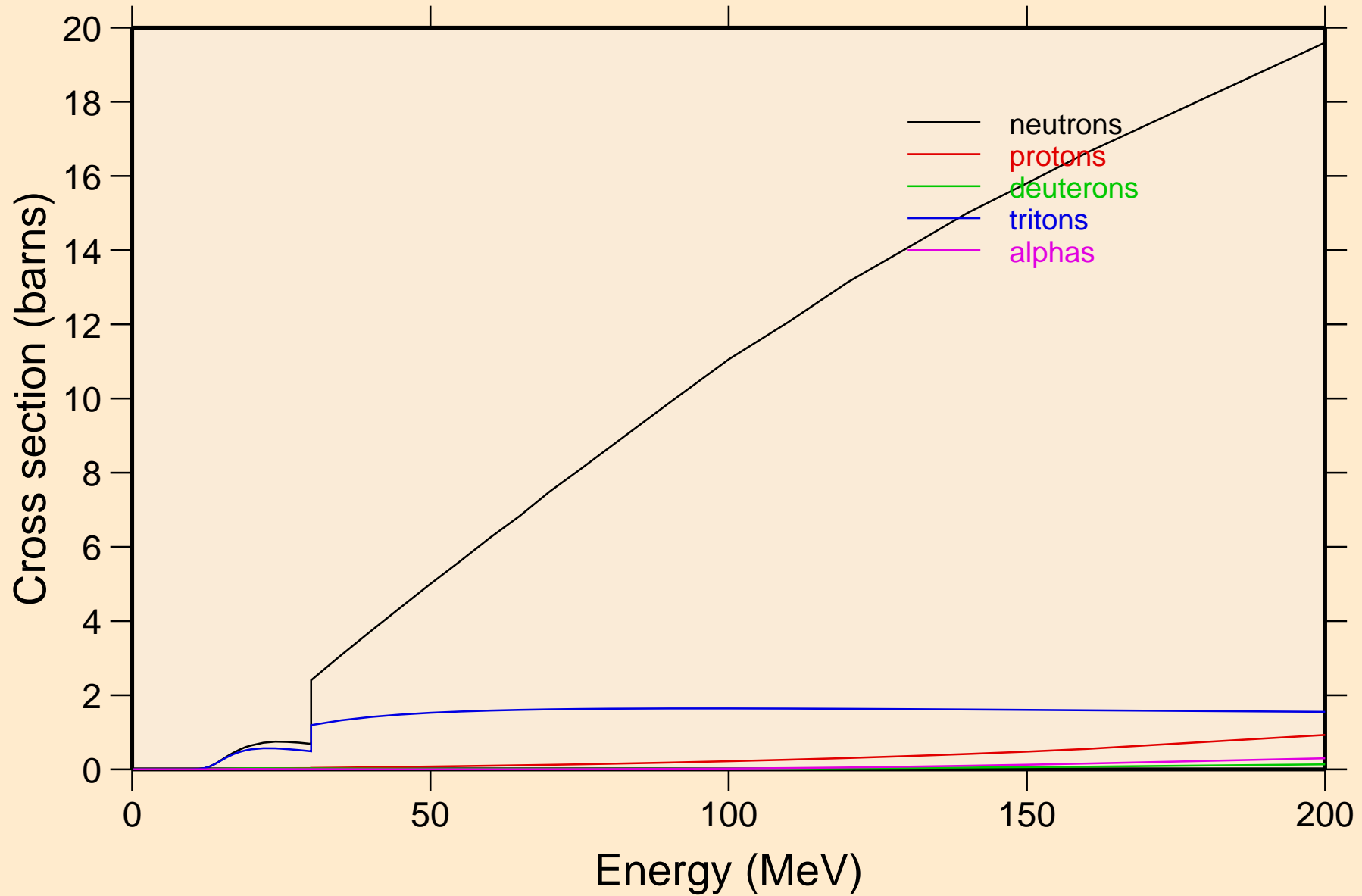


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

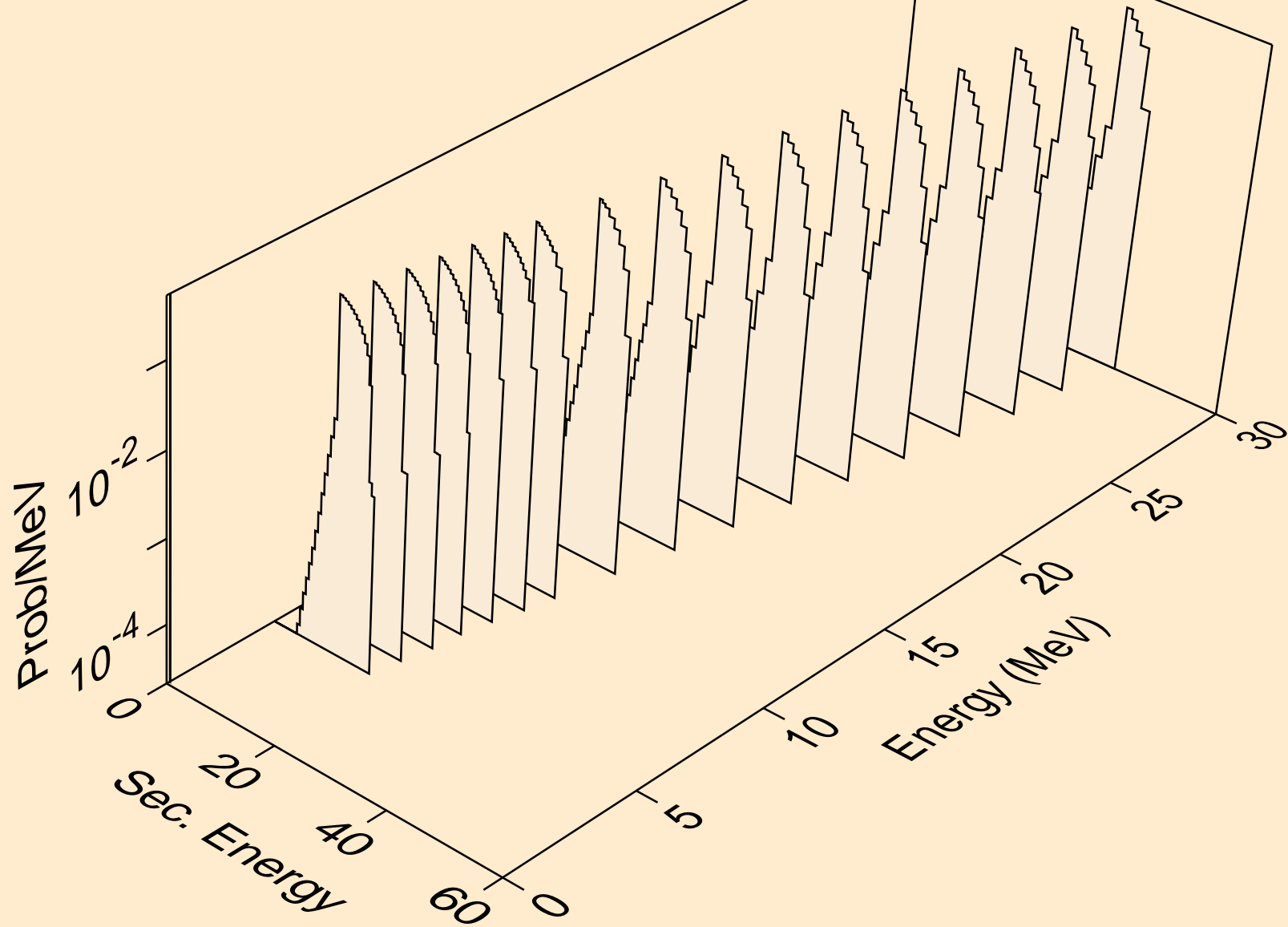


# RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K

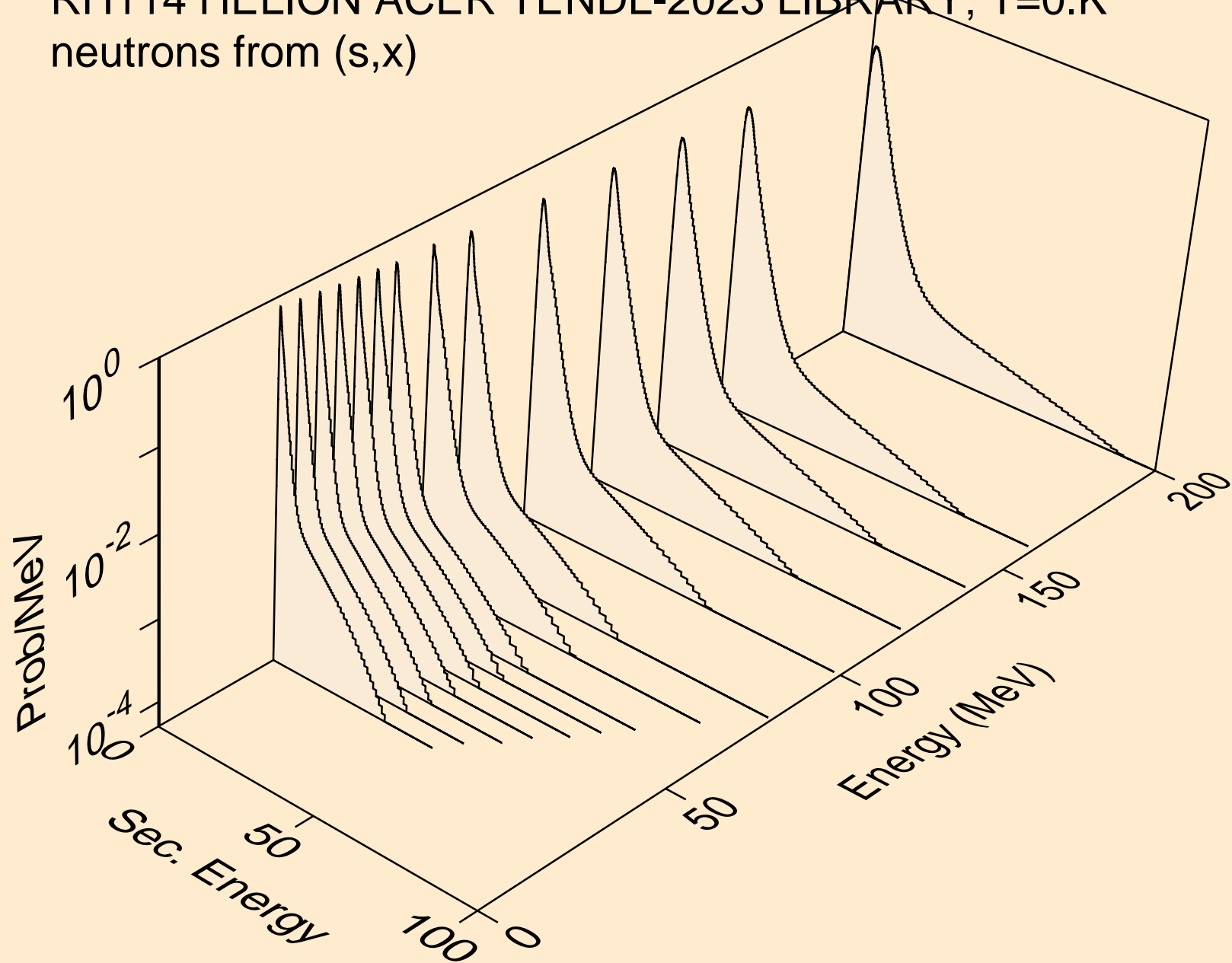
## Particle production cross sections



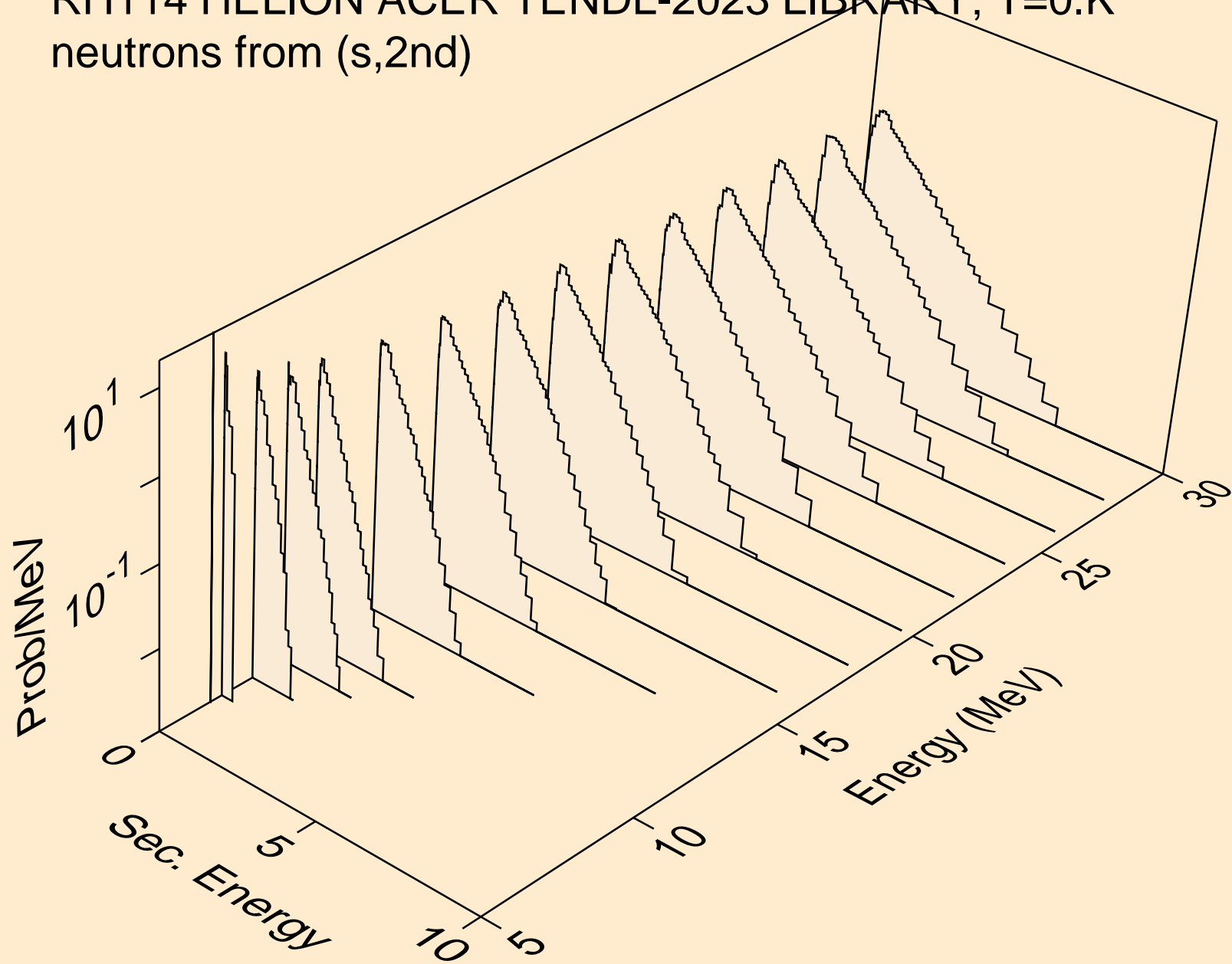
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



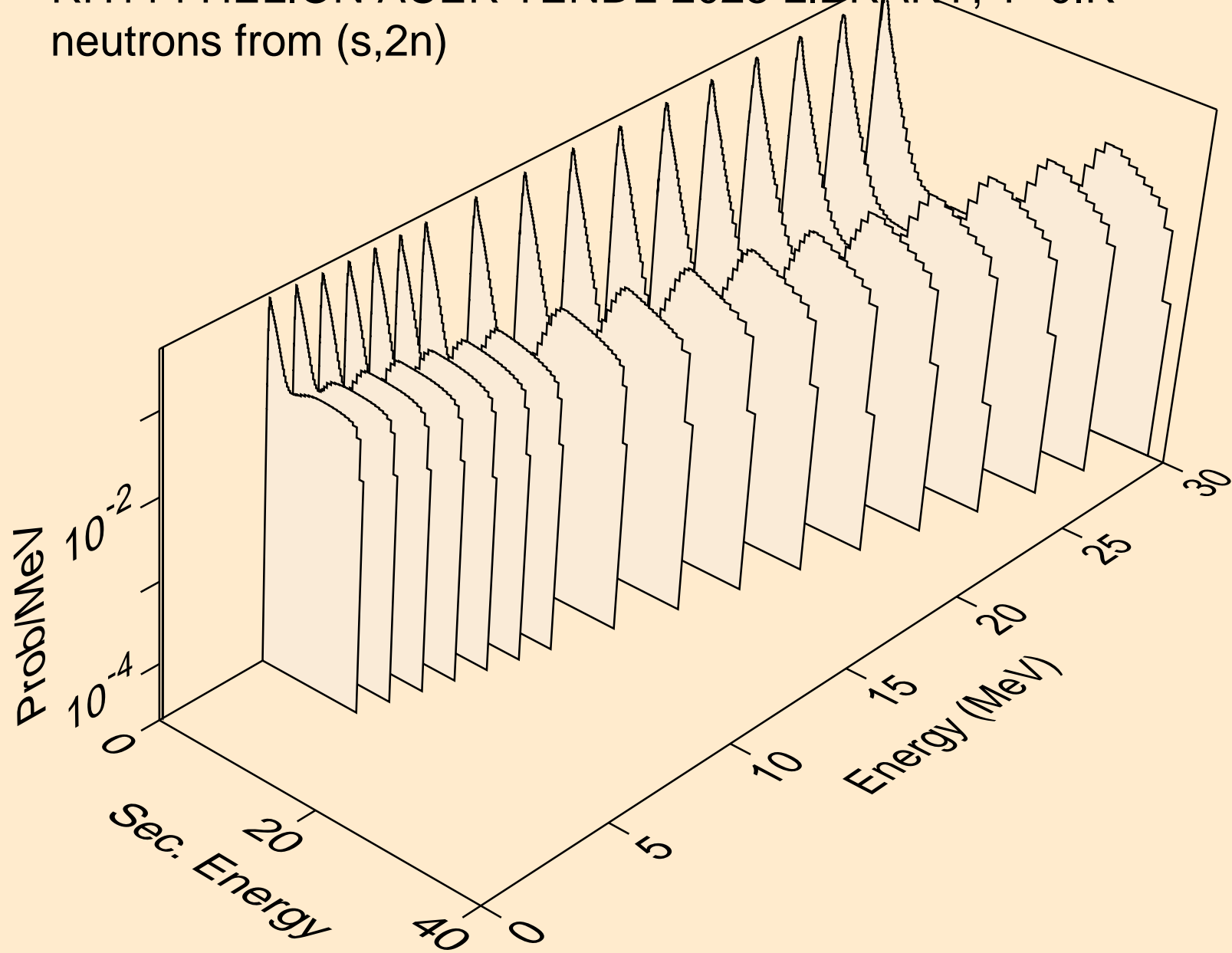
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neutrons from (s,x)



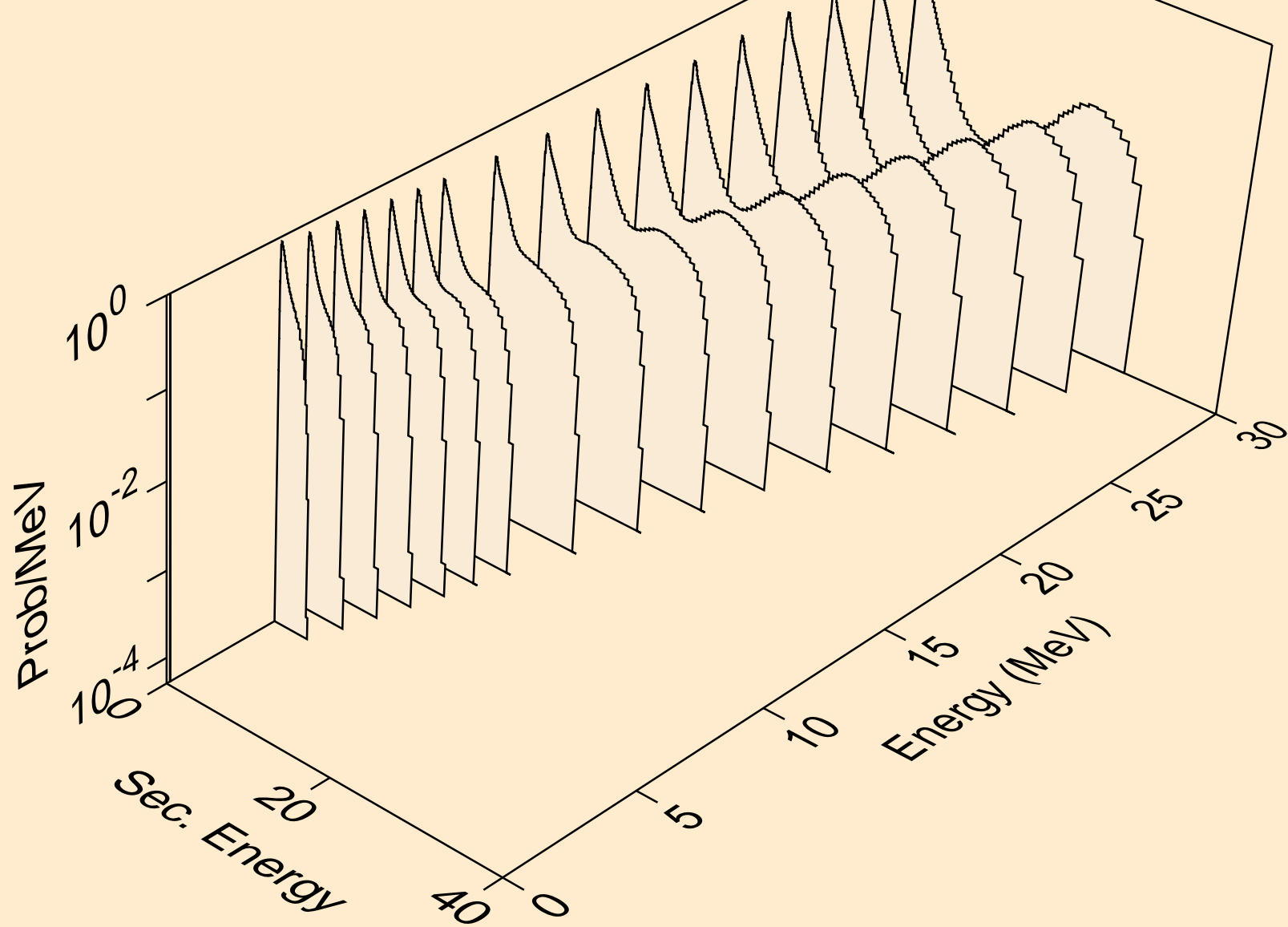
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neutrons from (s,2nd)



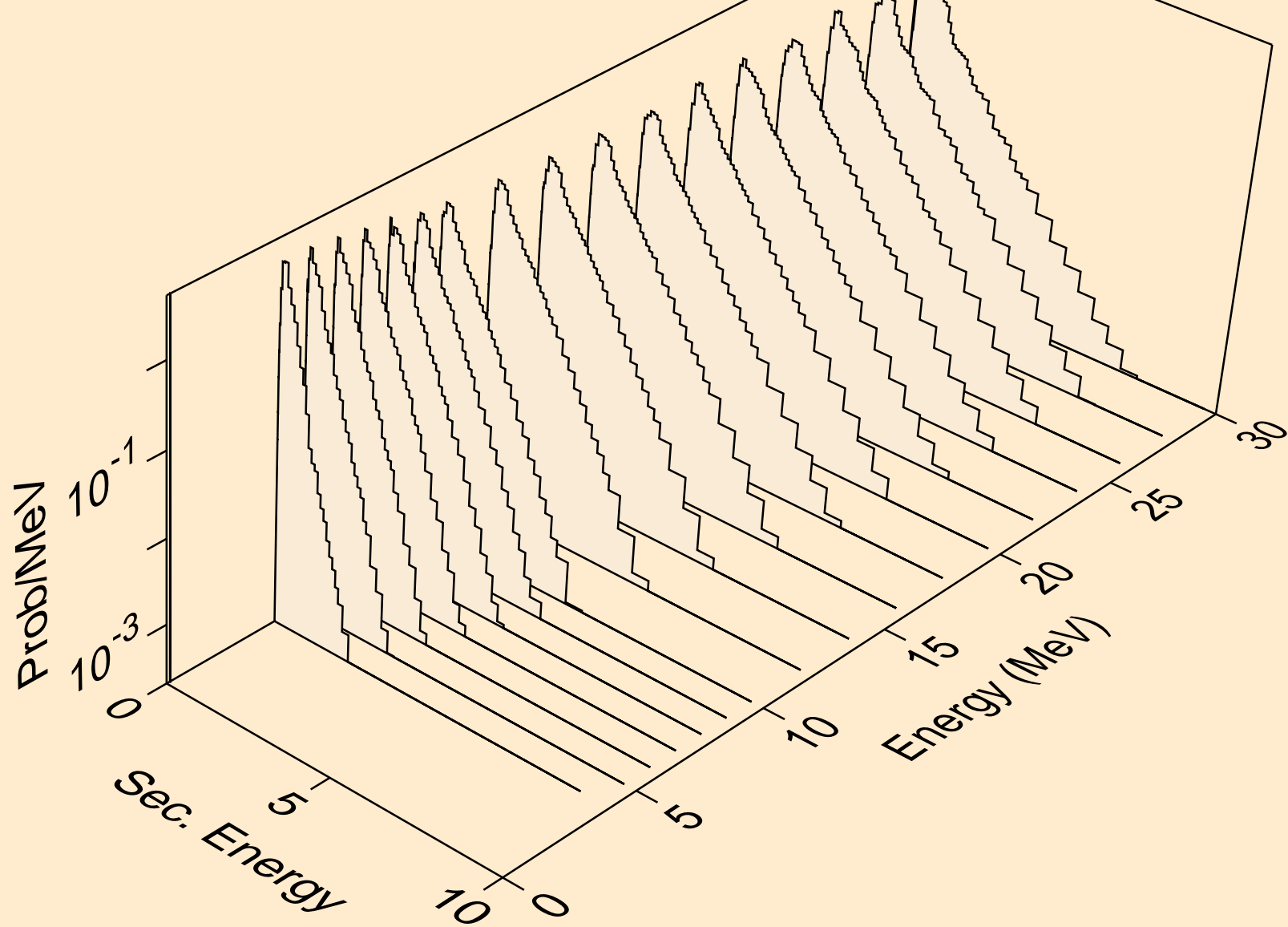
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

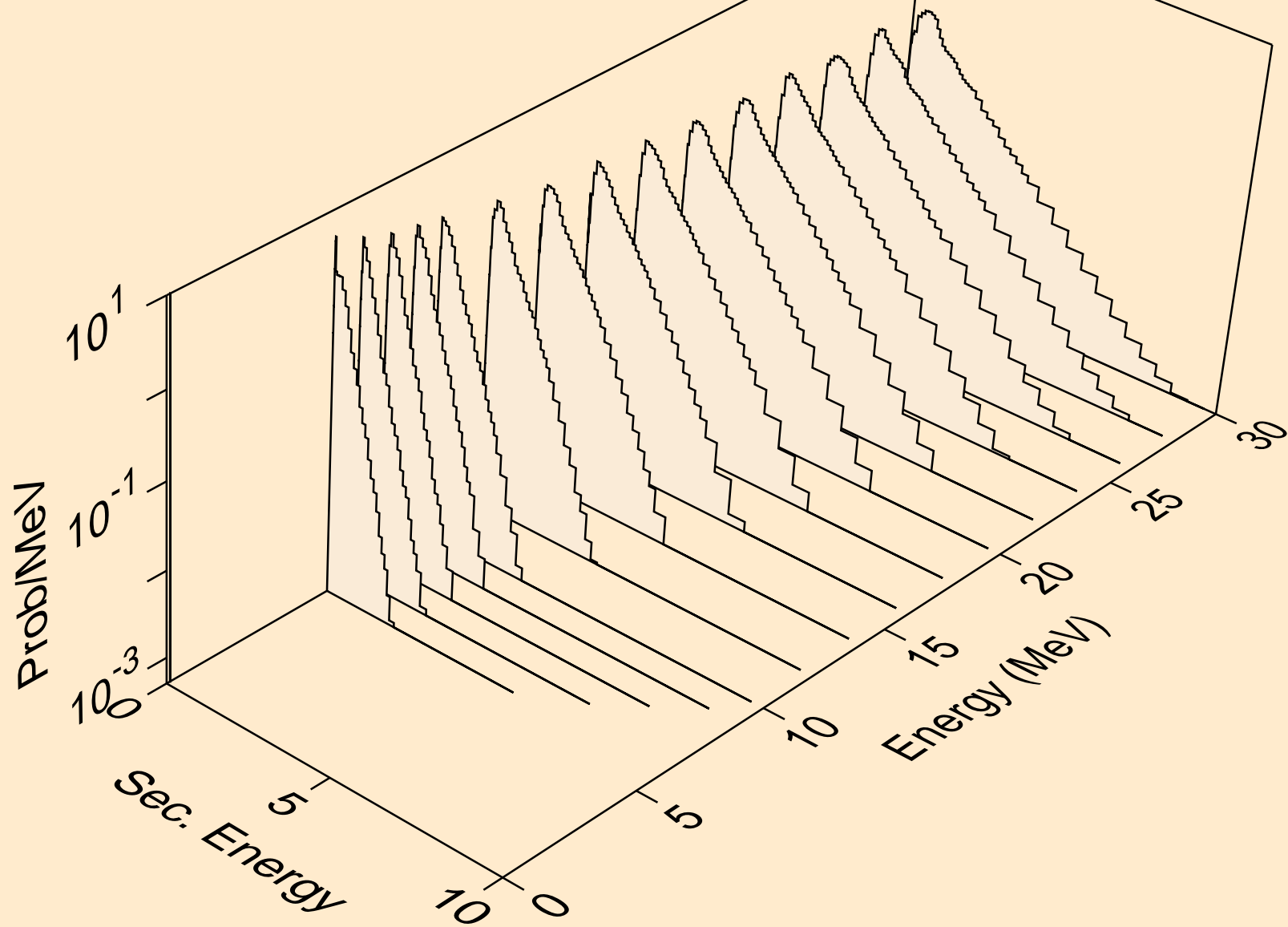


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

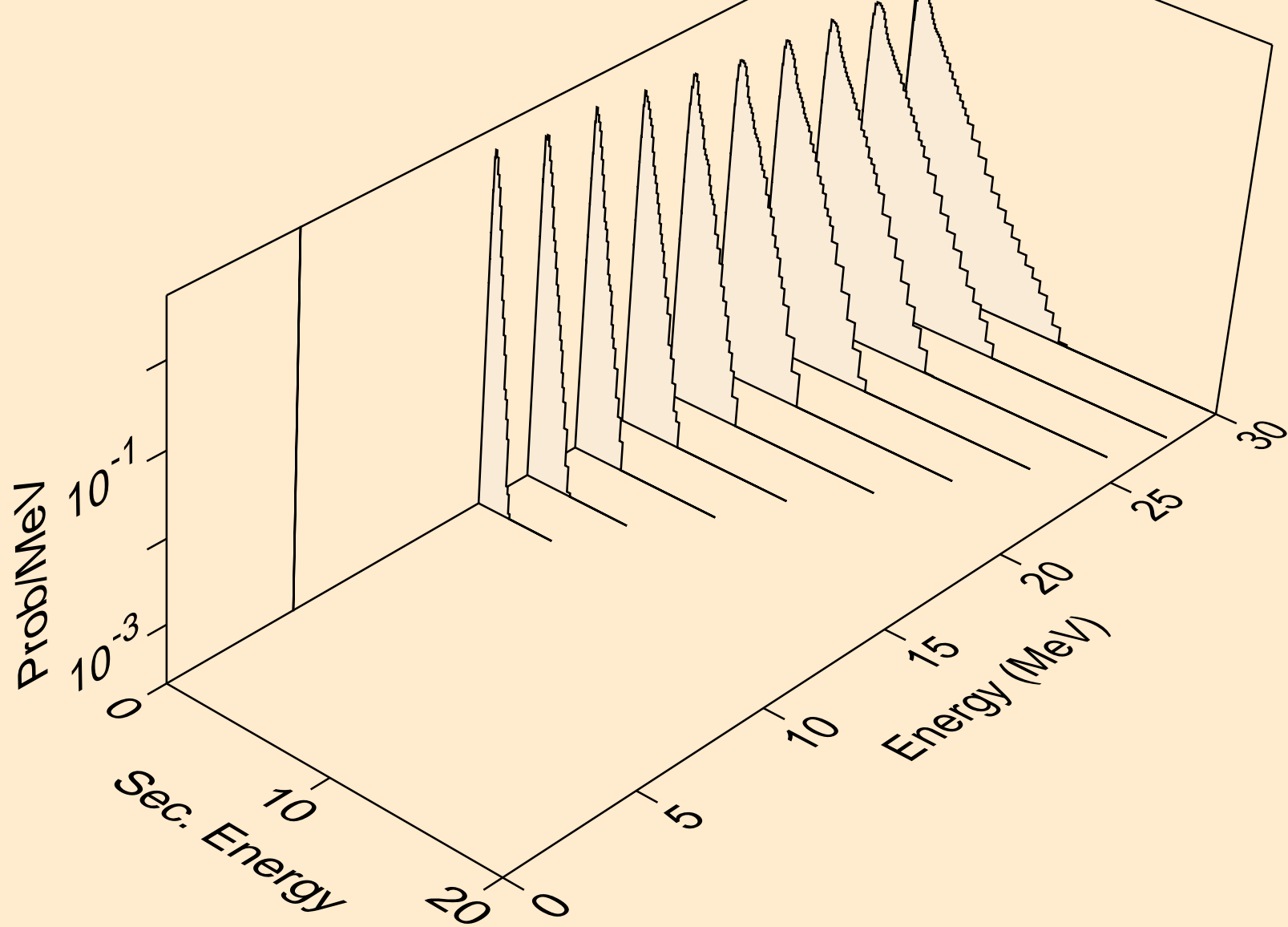




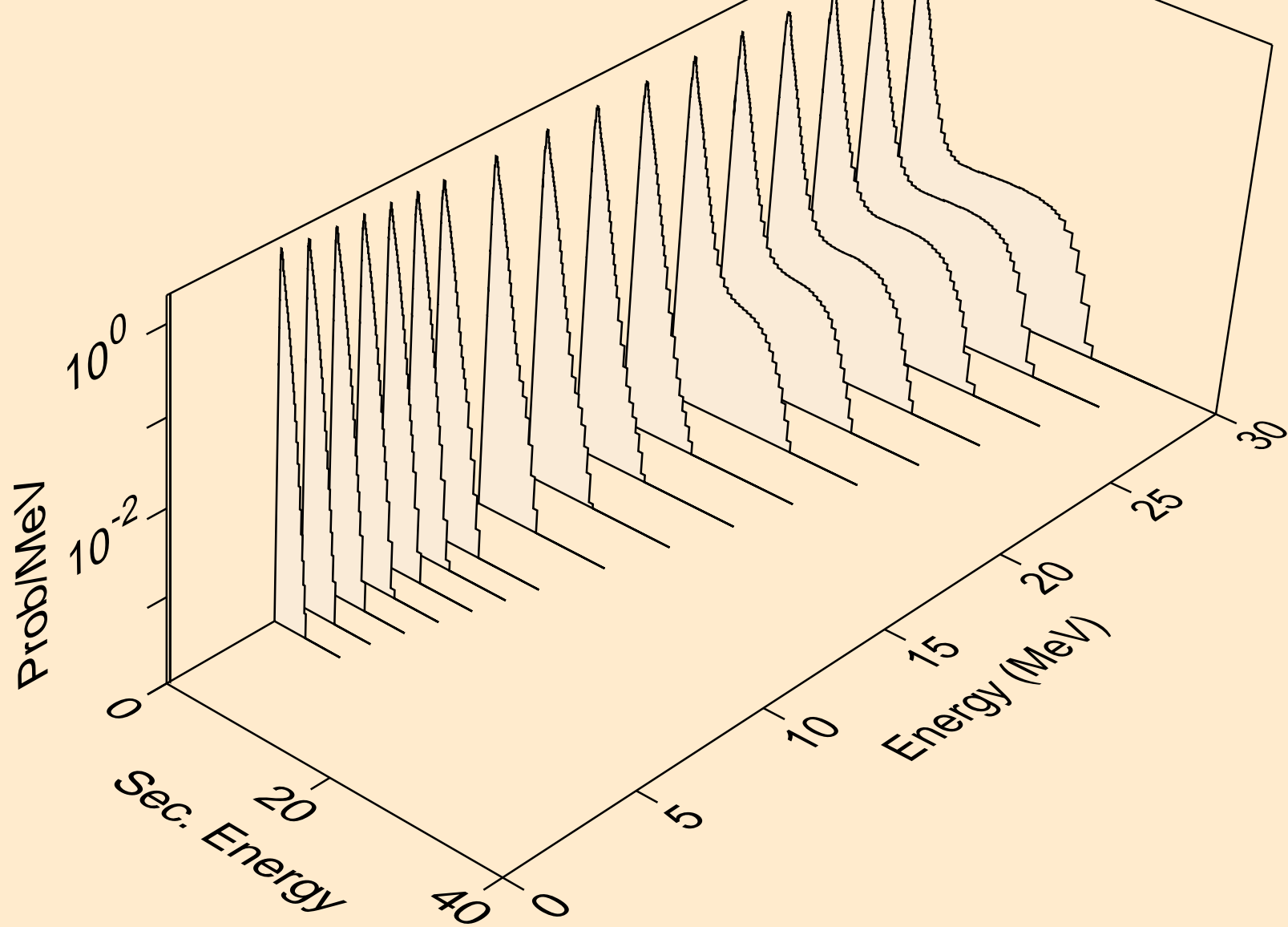
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



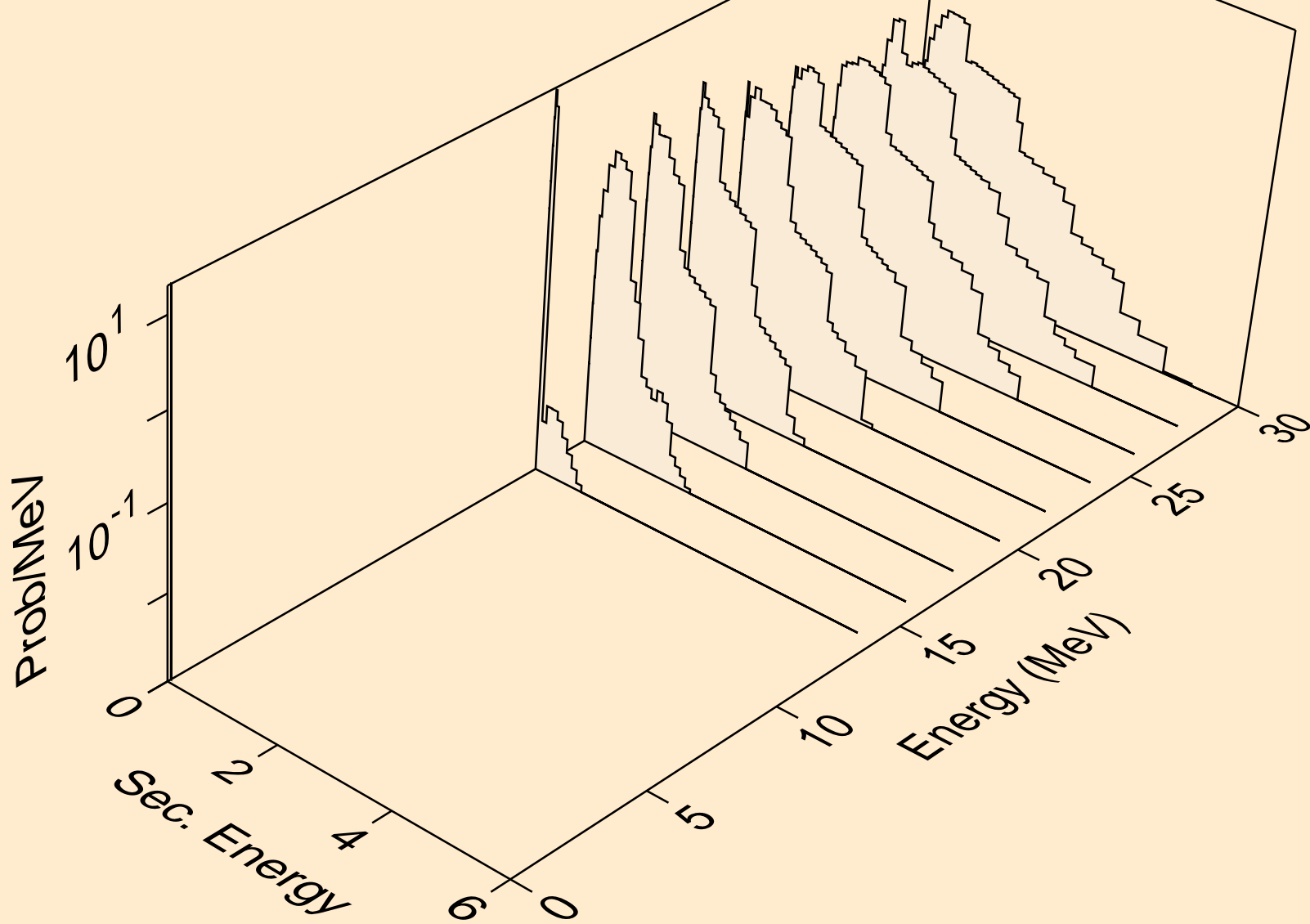
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



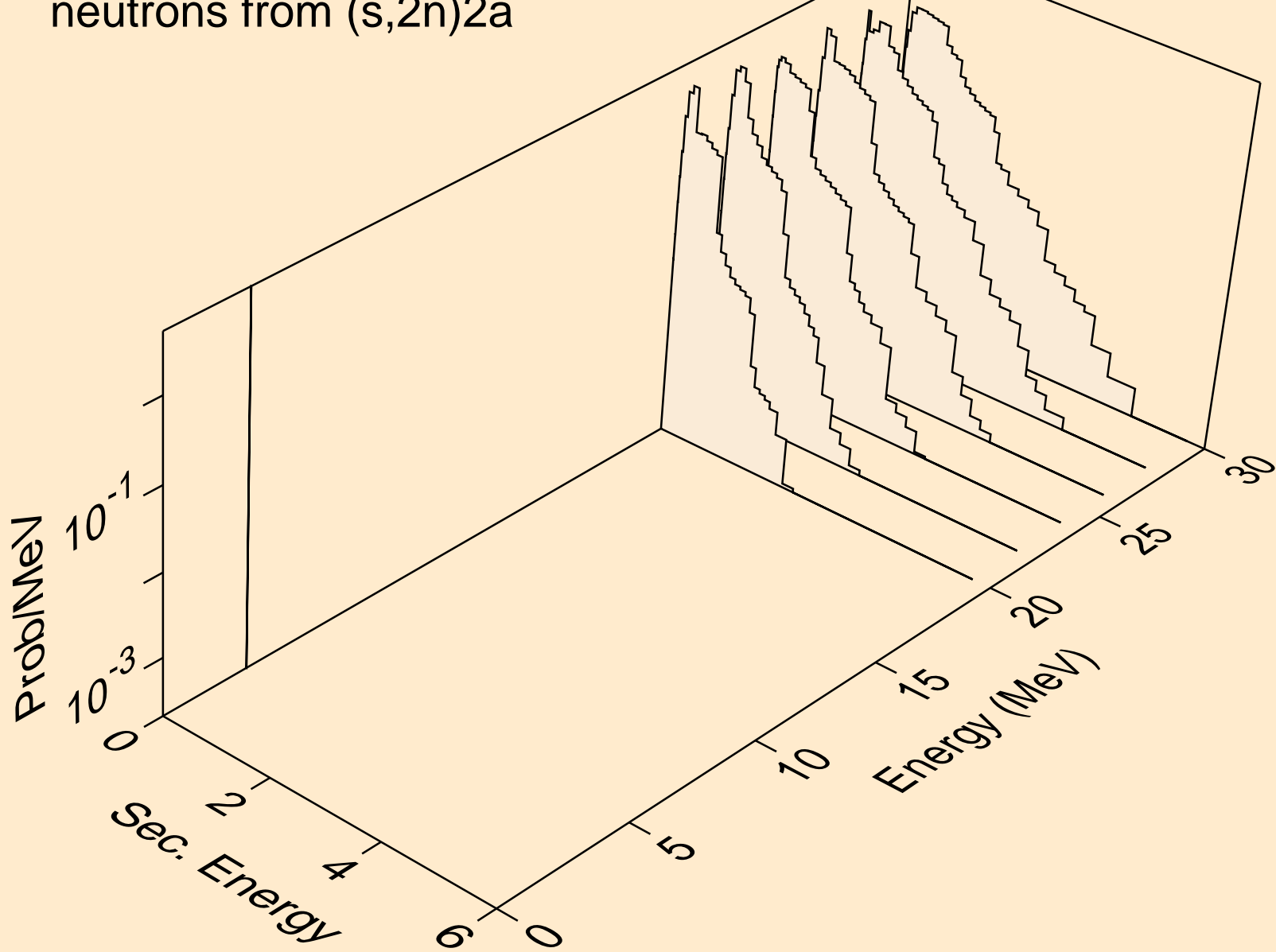
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neutrons from (s,n\*)p



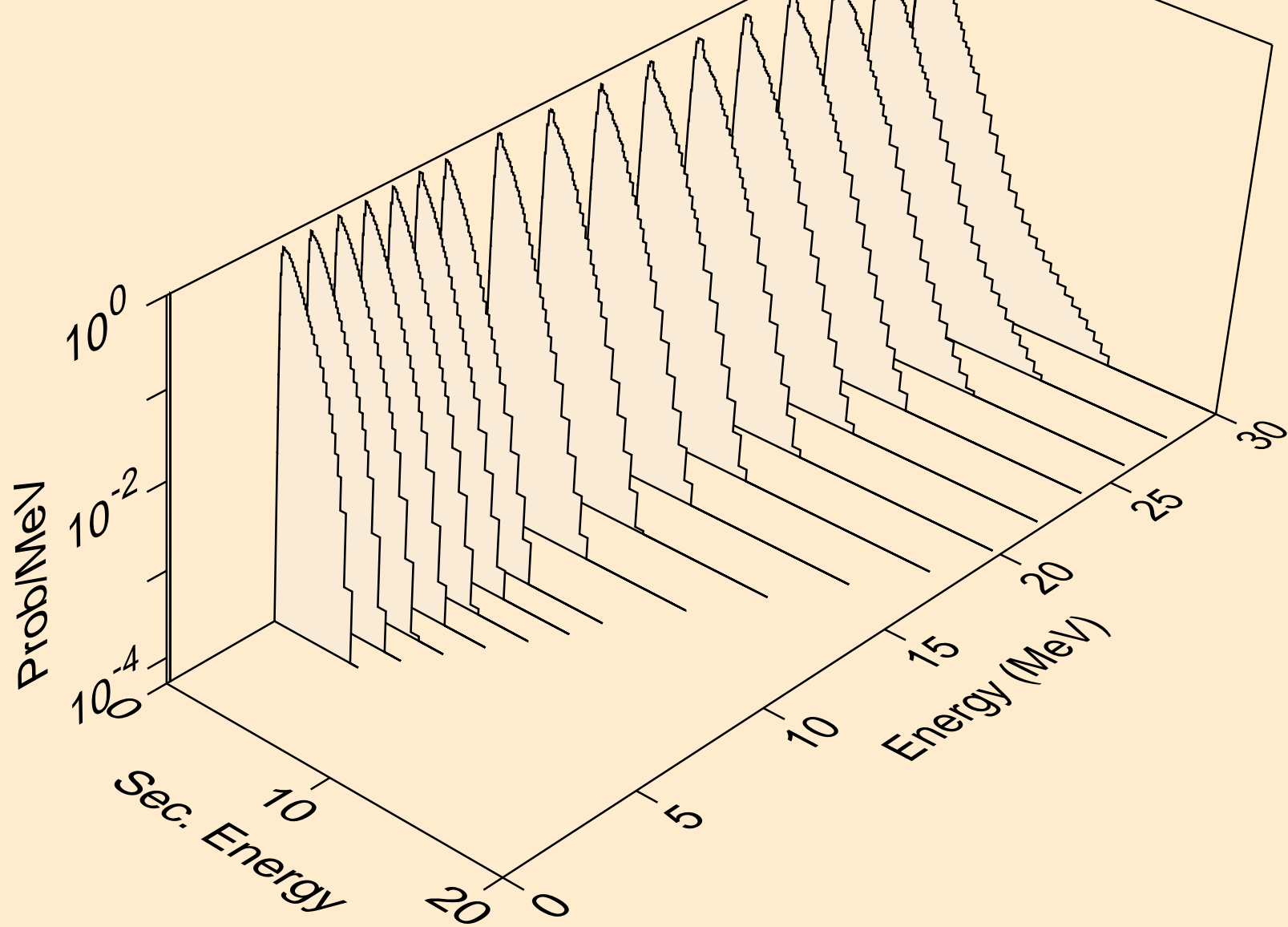
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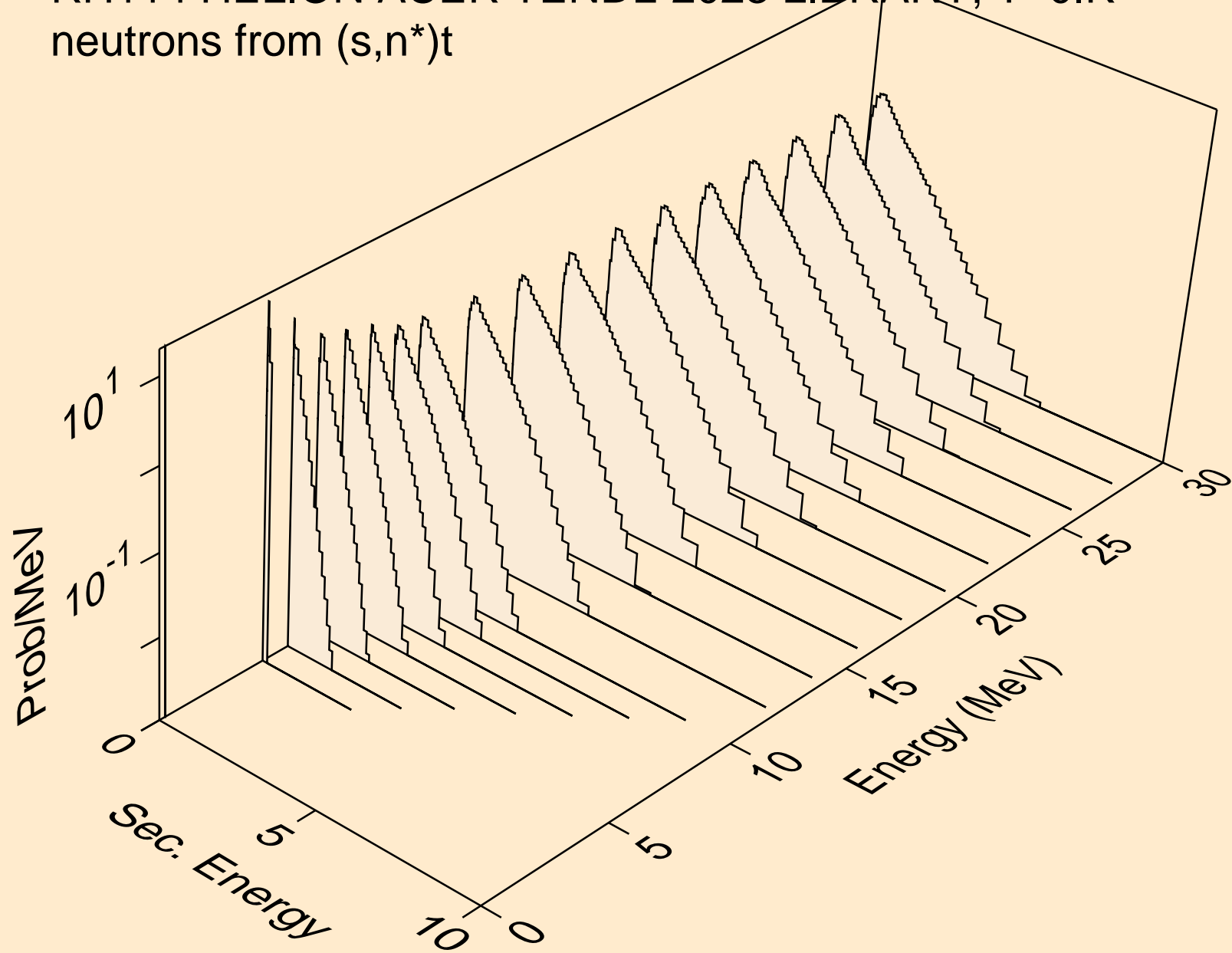
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neutrons from (s,2n)2a



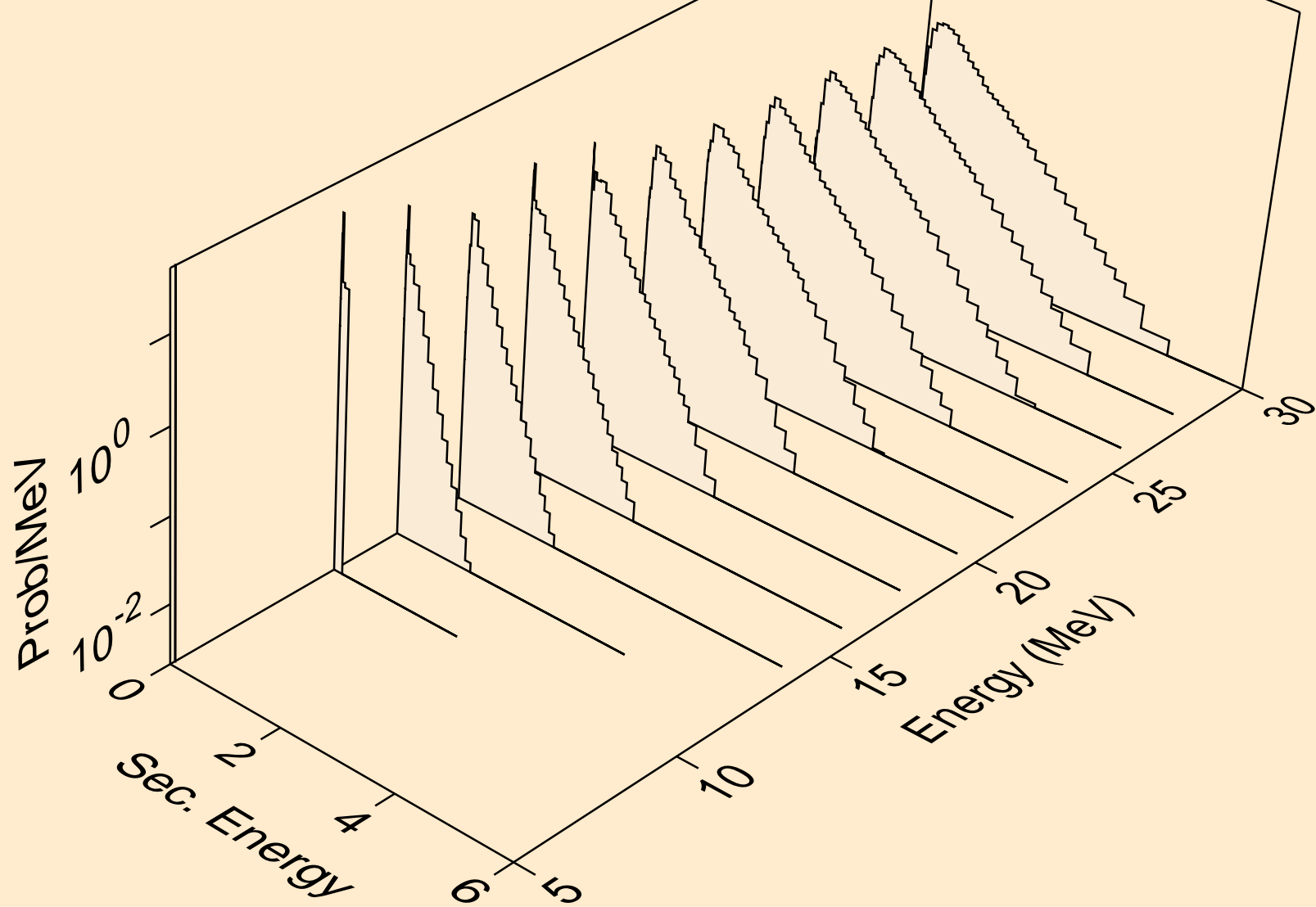
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t

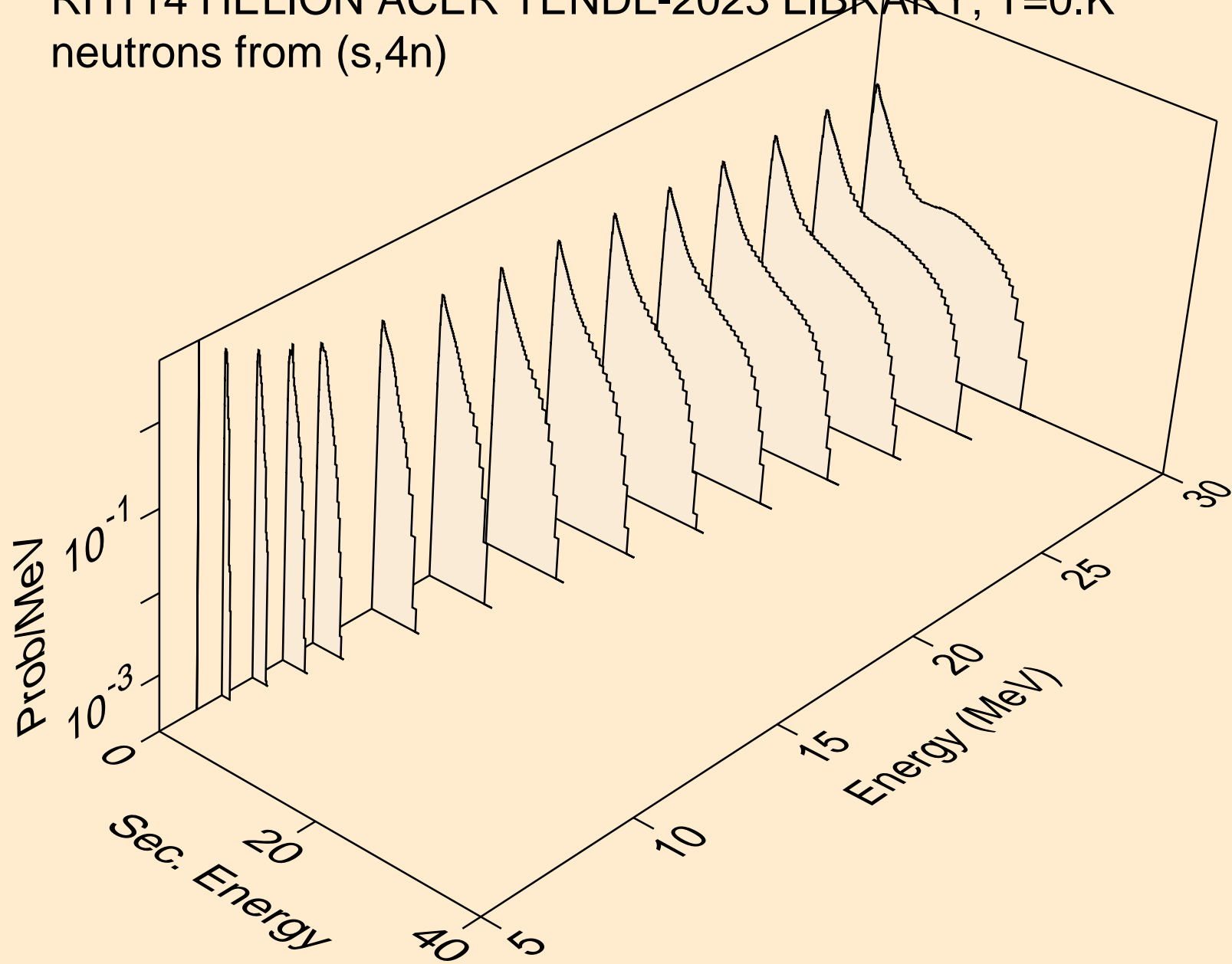


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

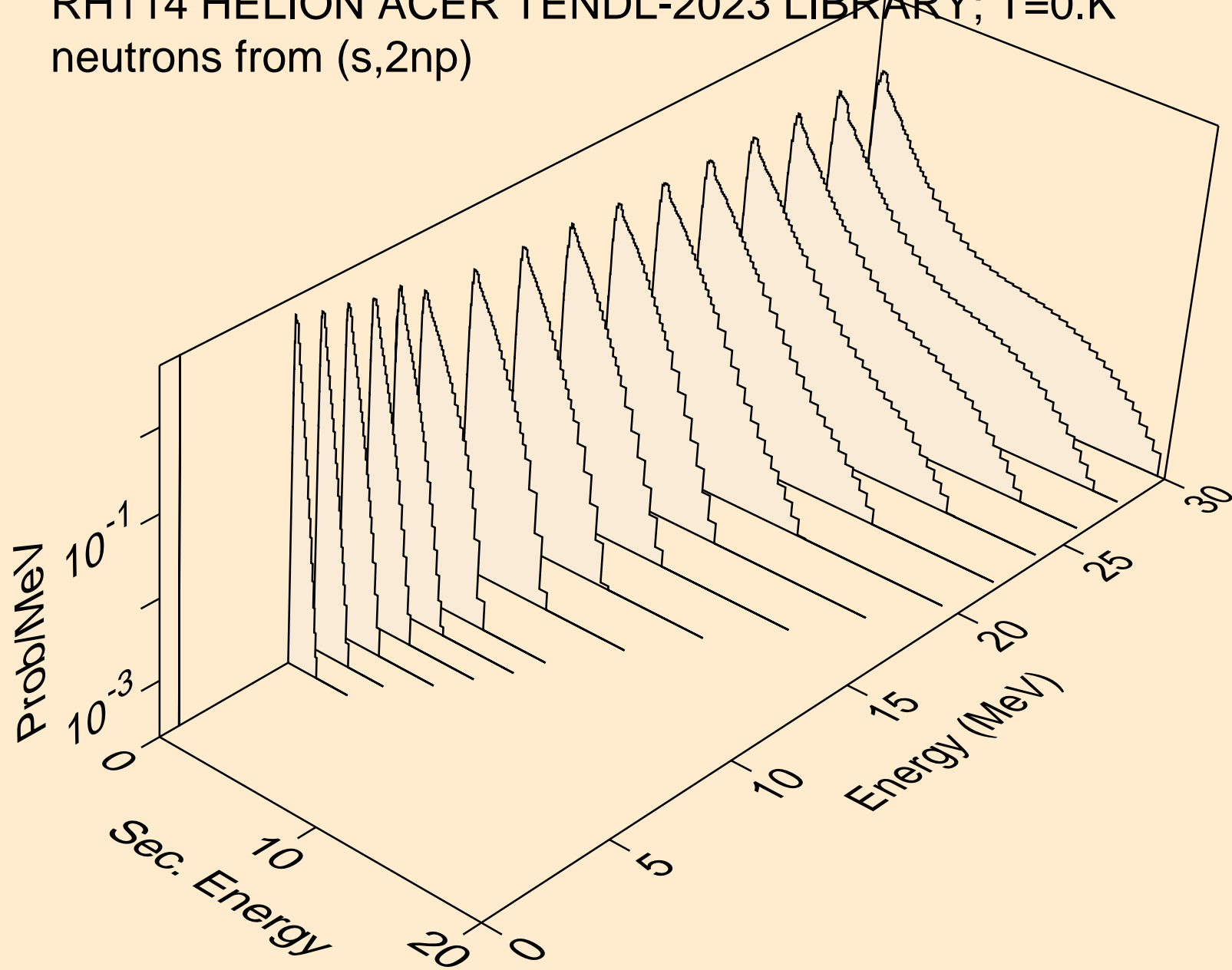




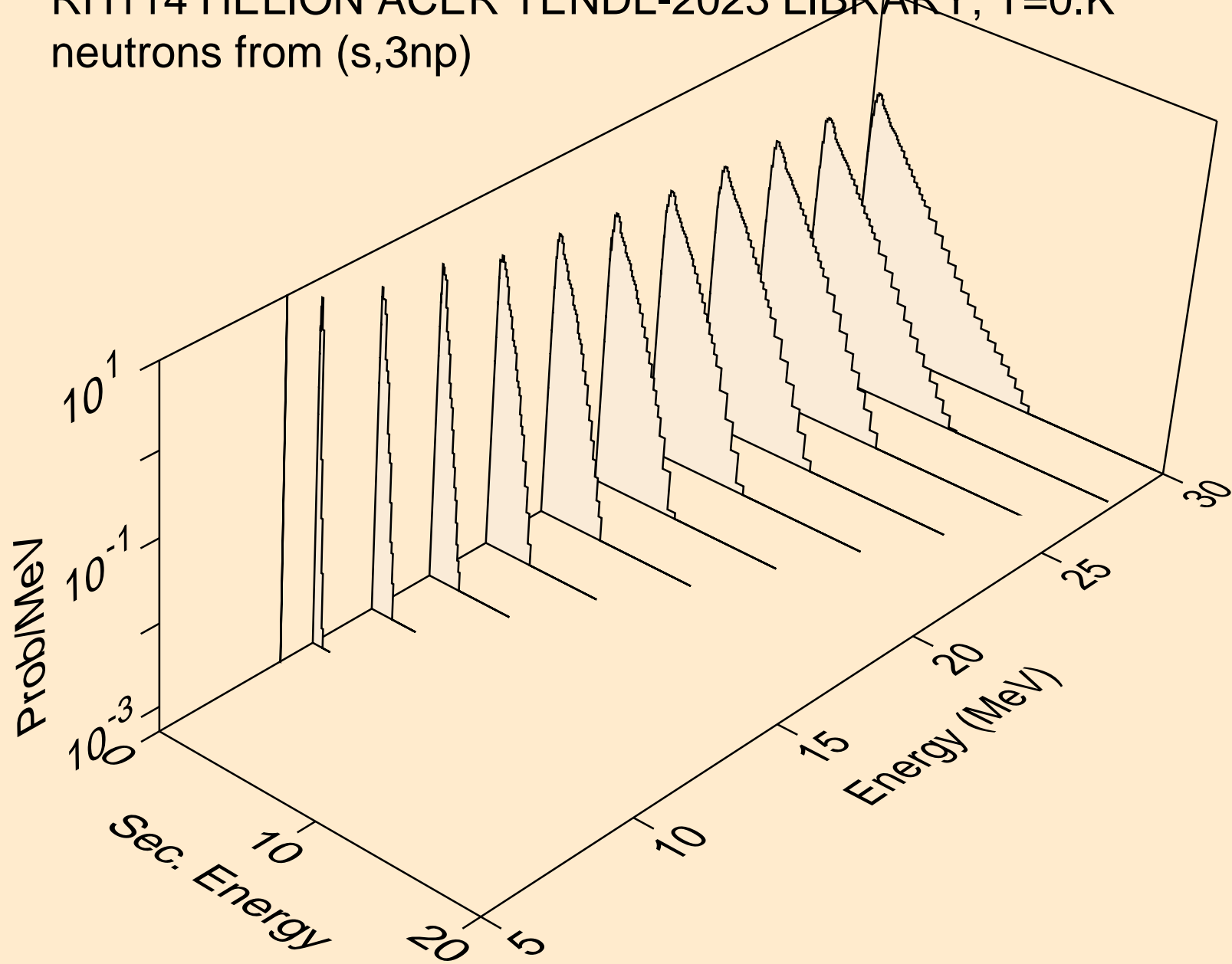
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neutrons from (s,4n)



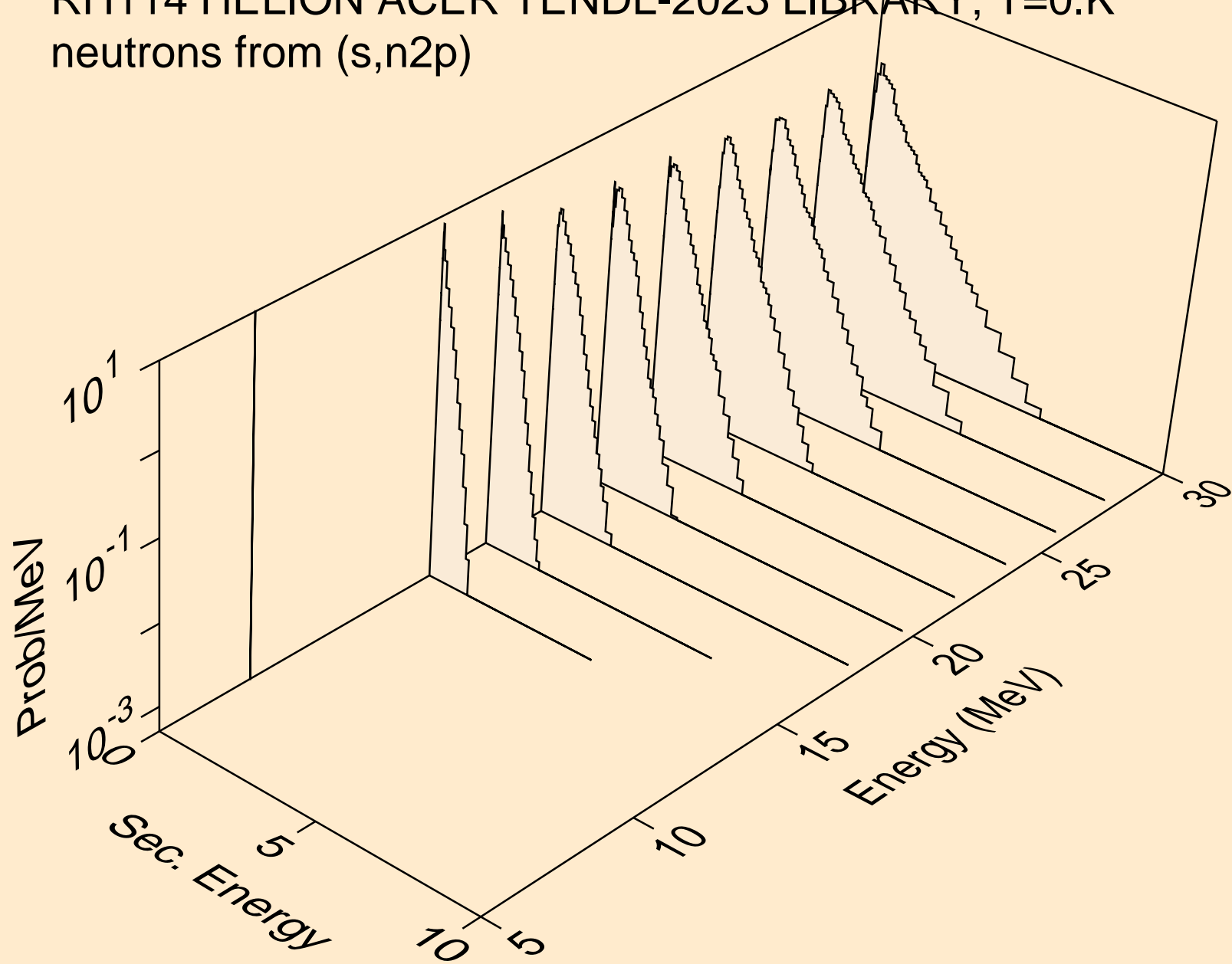
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neutrons from (s,2np)



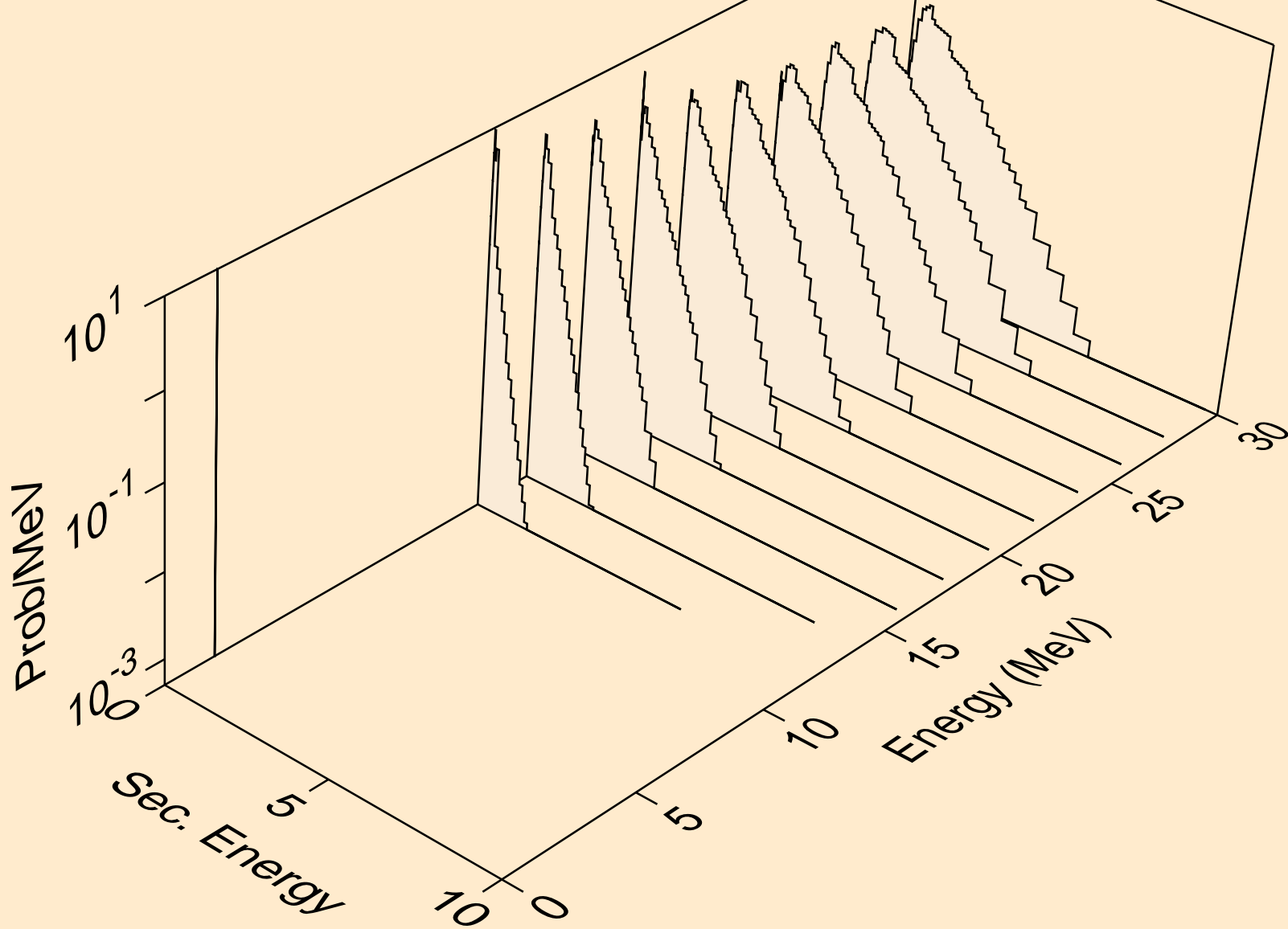
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3np)



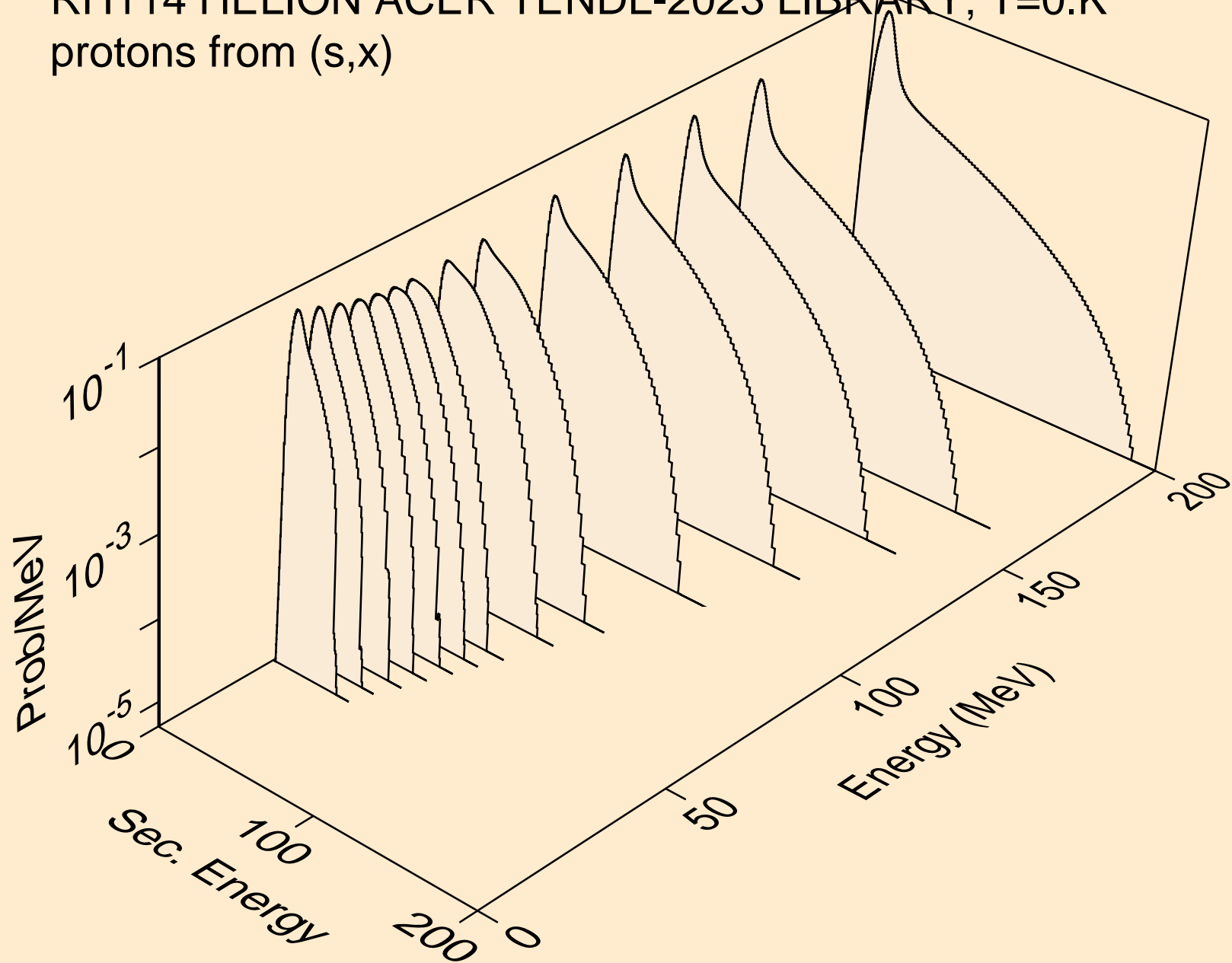
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



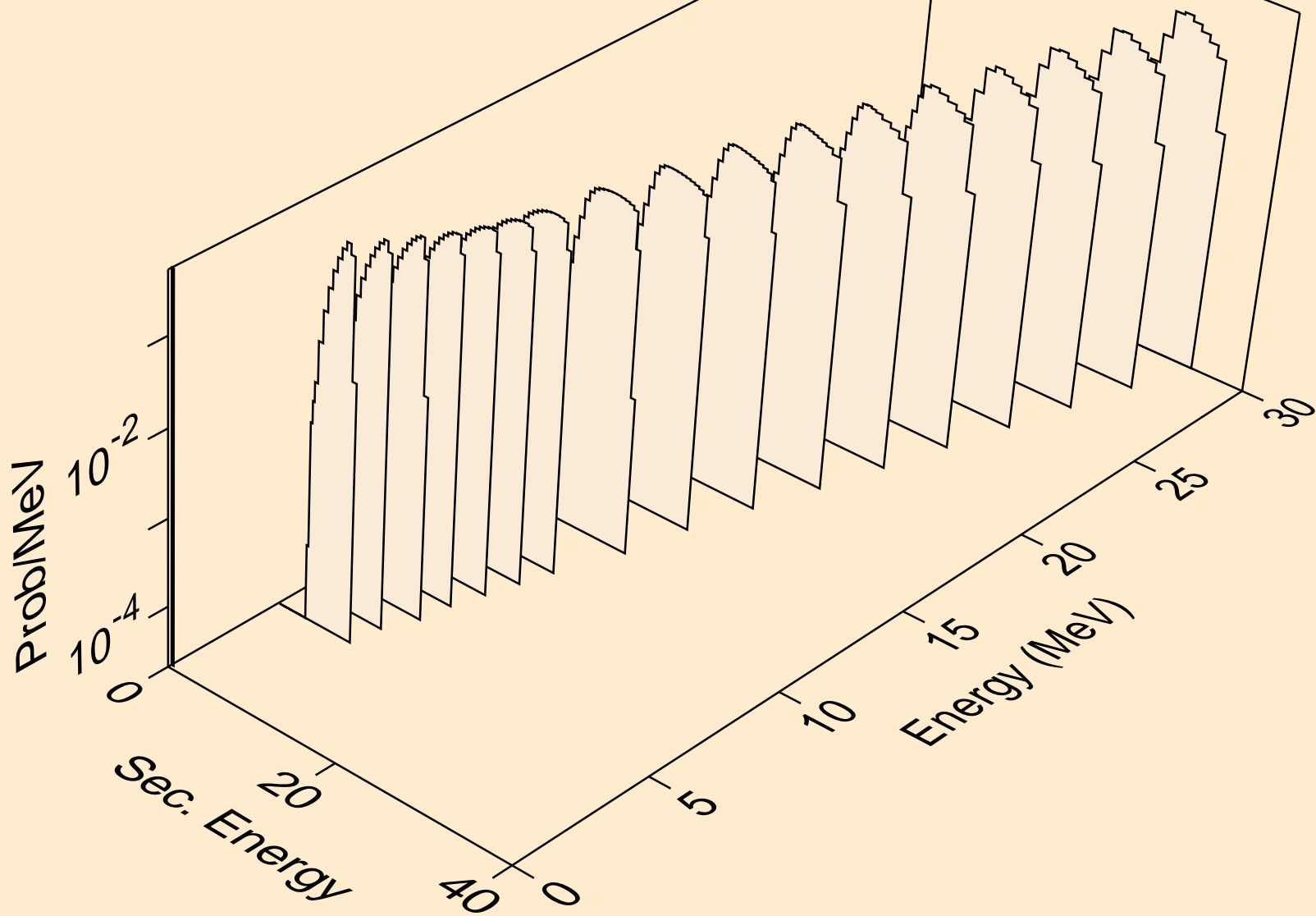
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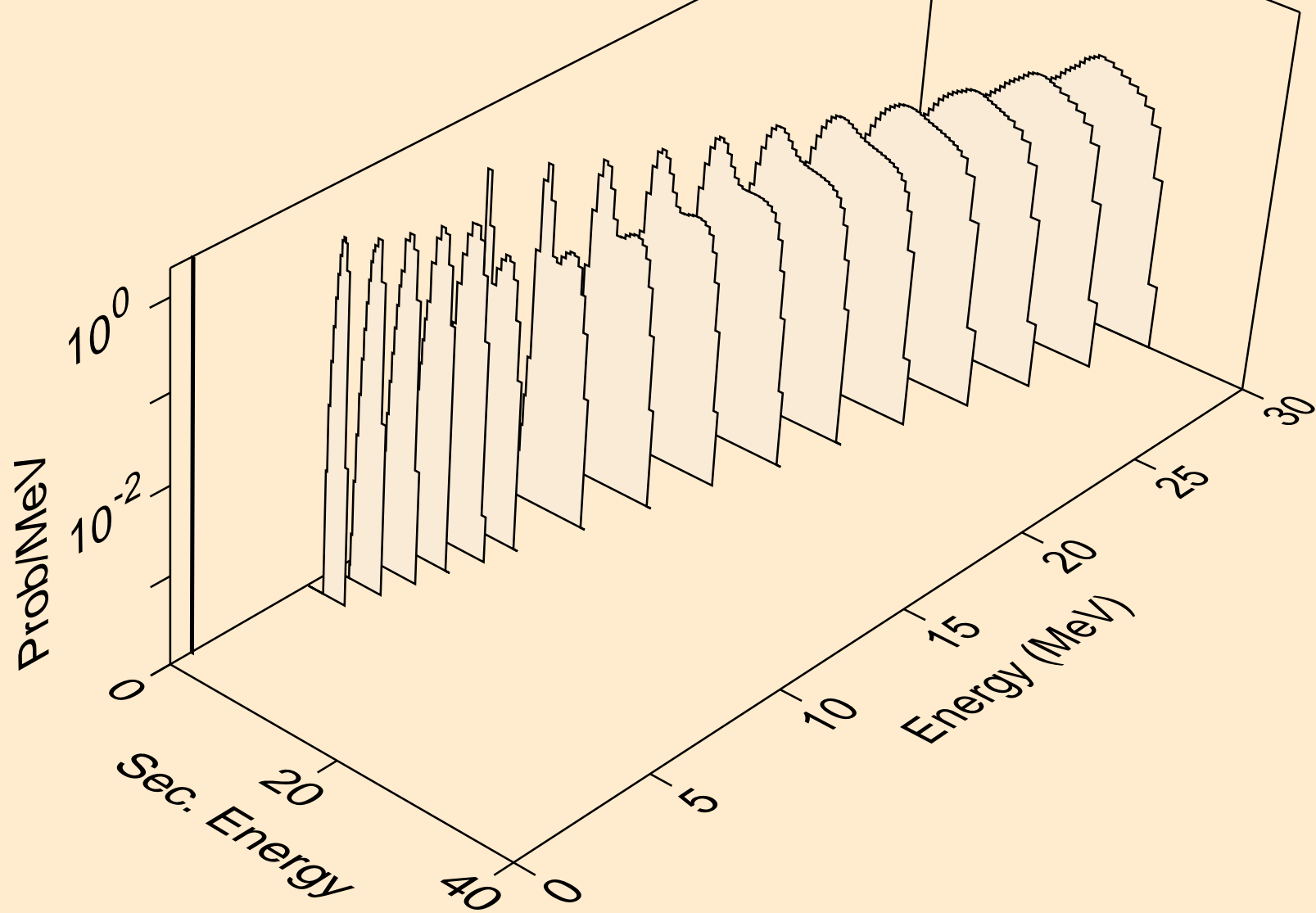
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p

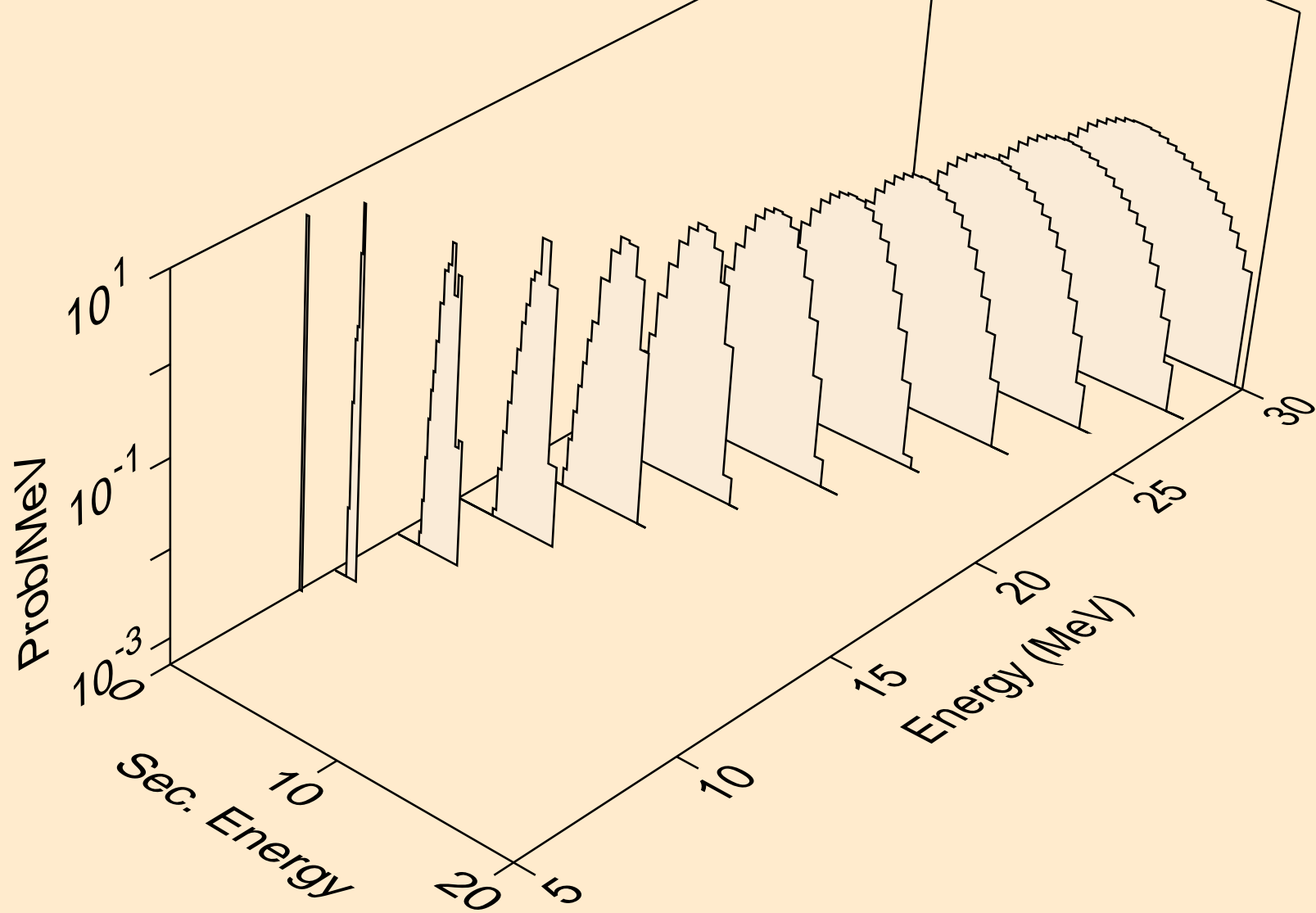


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)

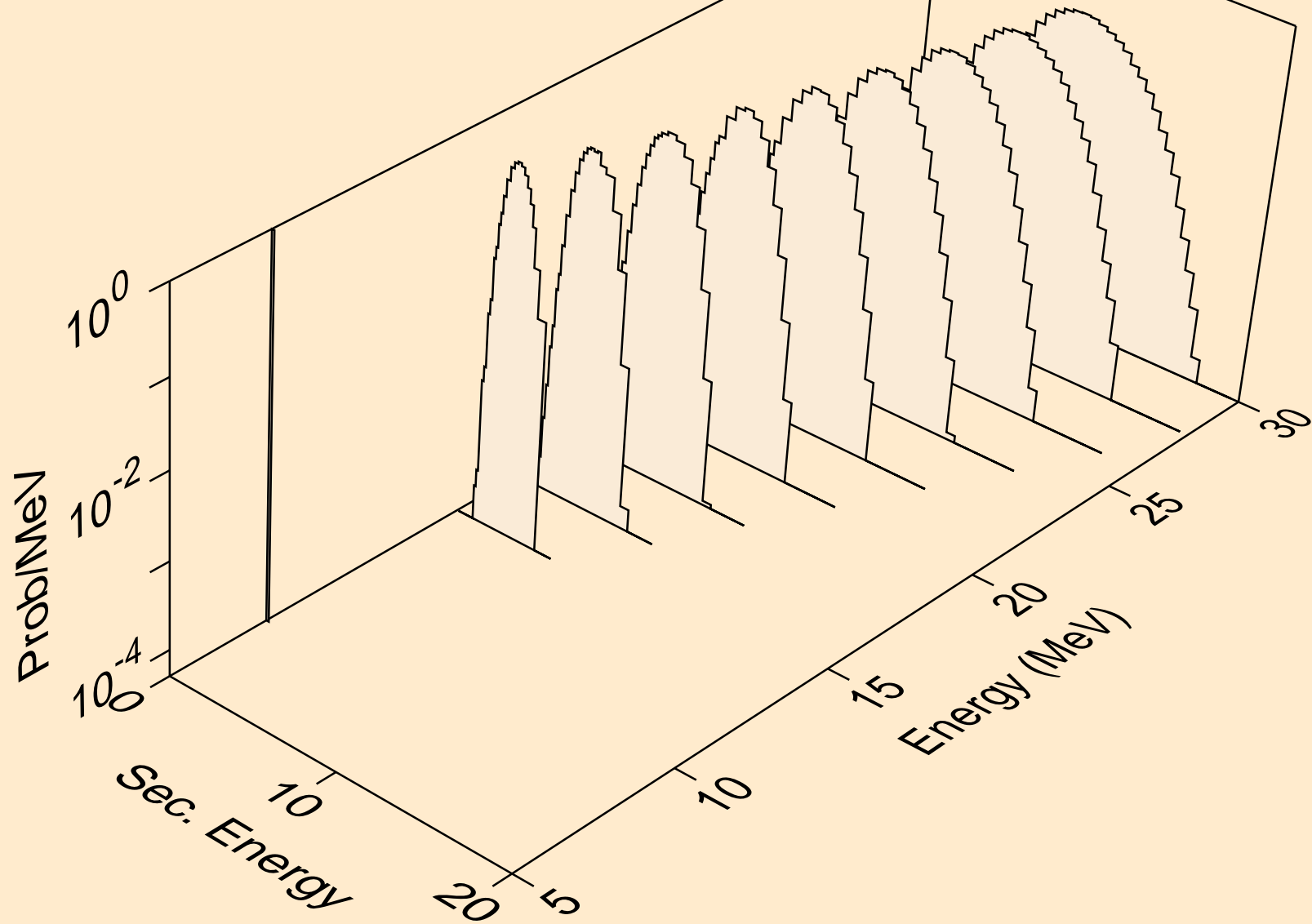




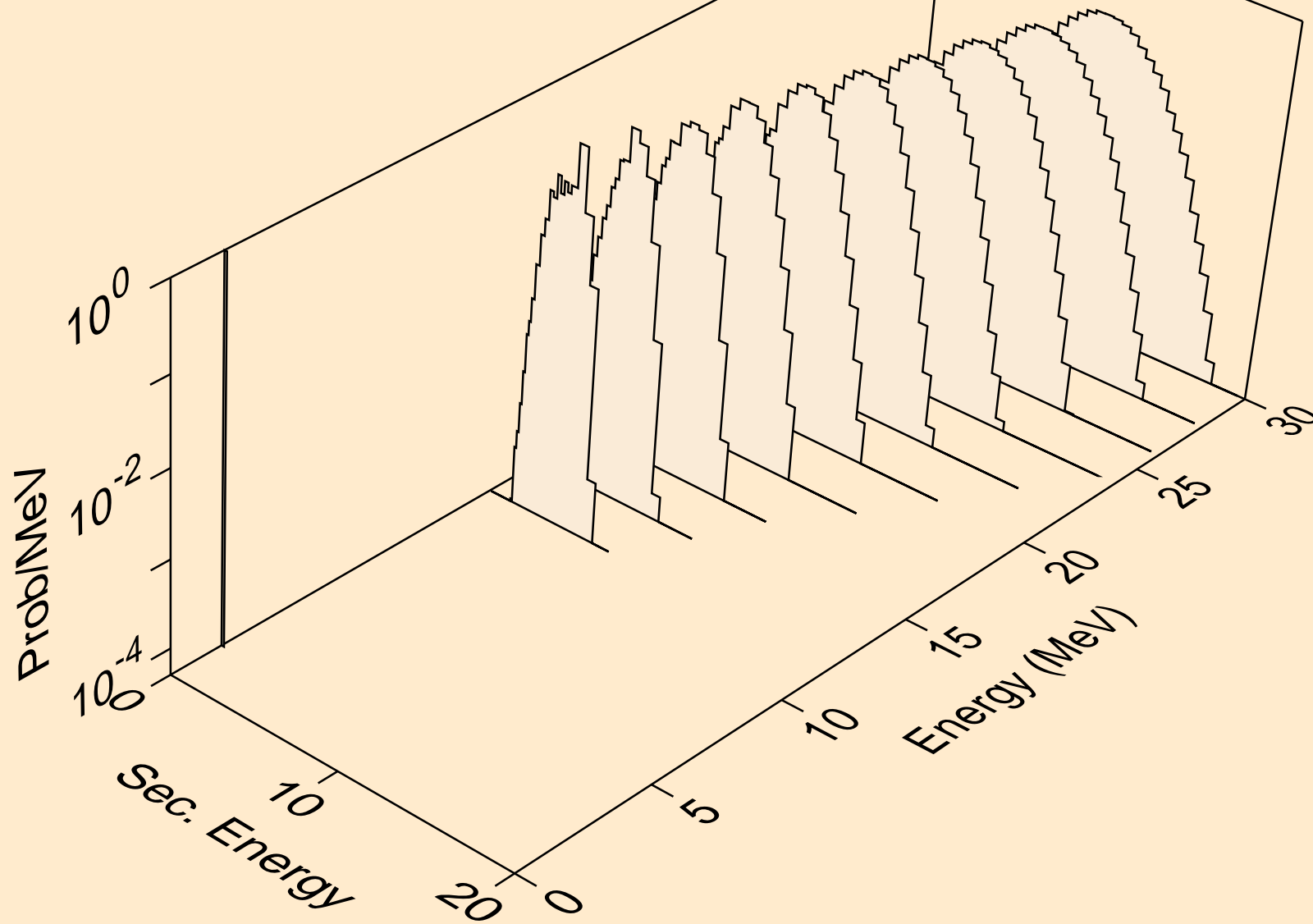
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protons from (s,3np)



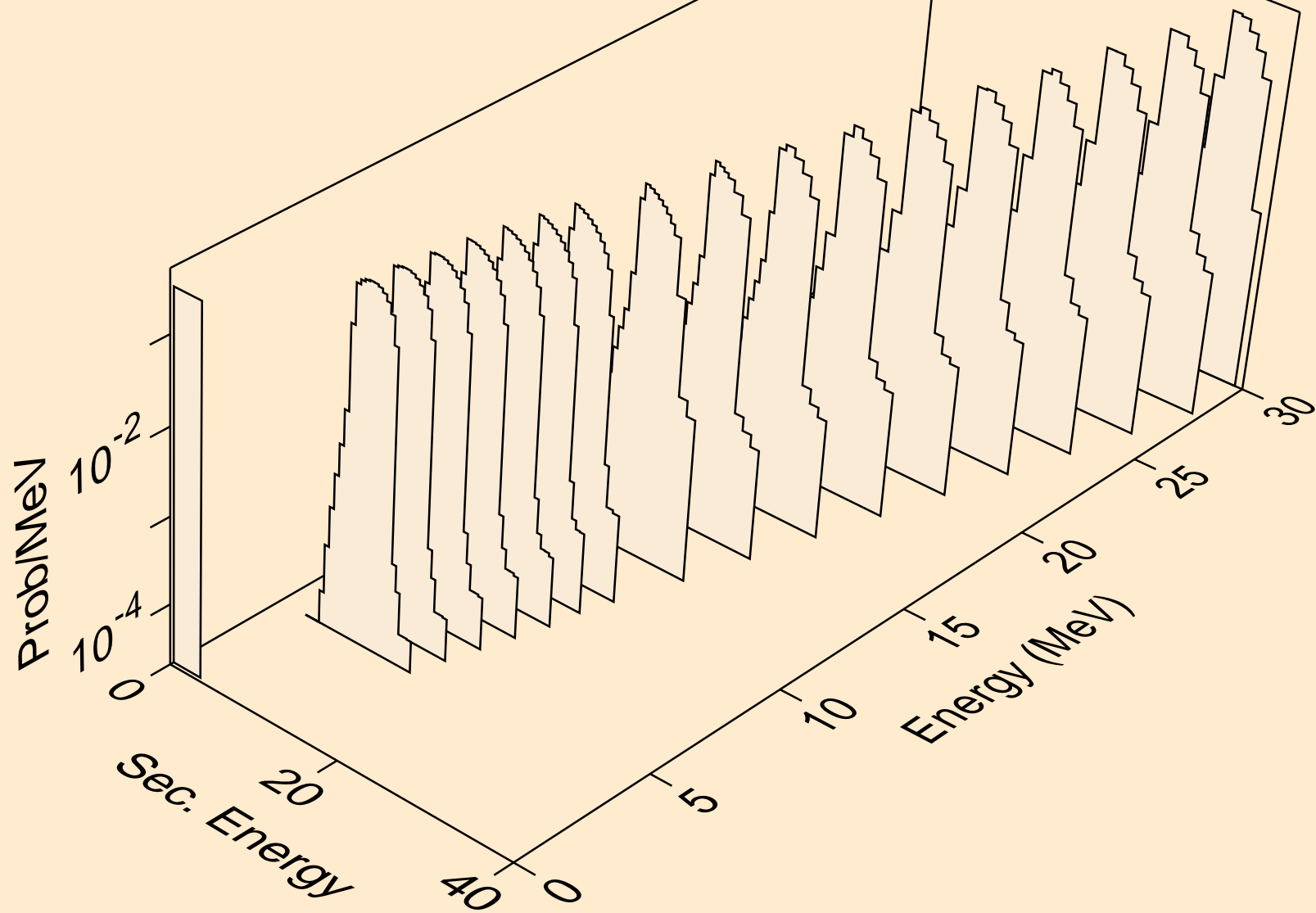
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protons from (s,n2p)



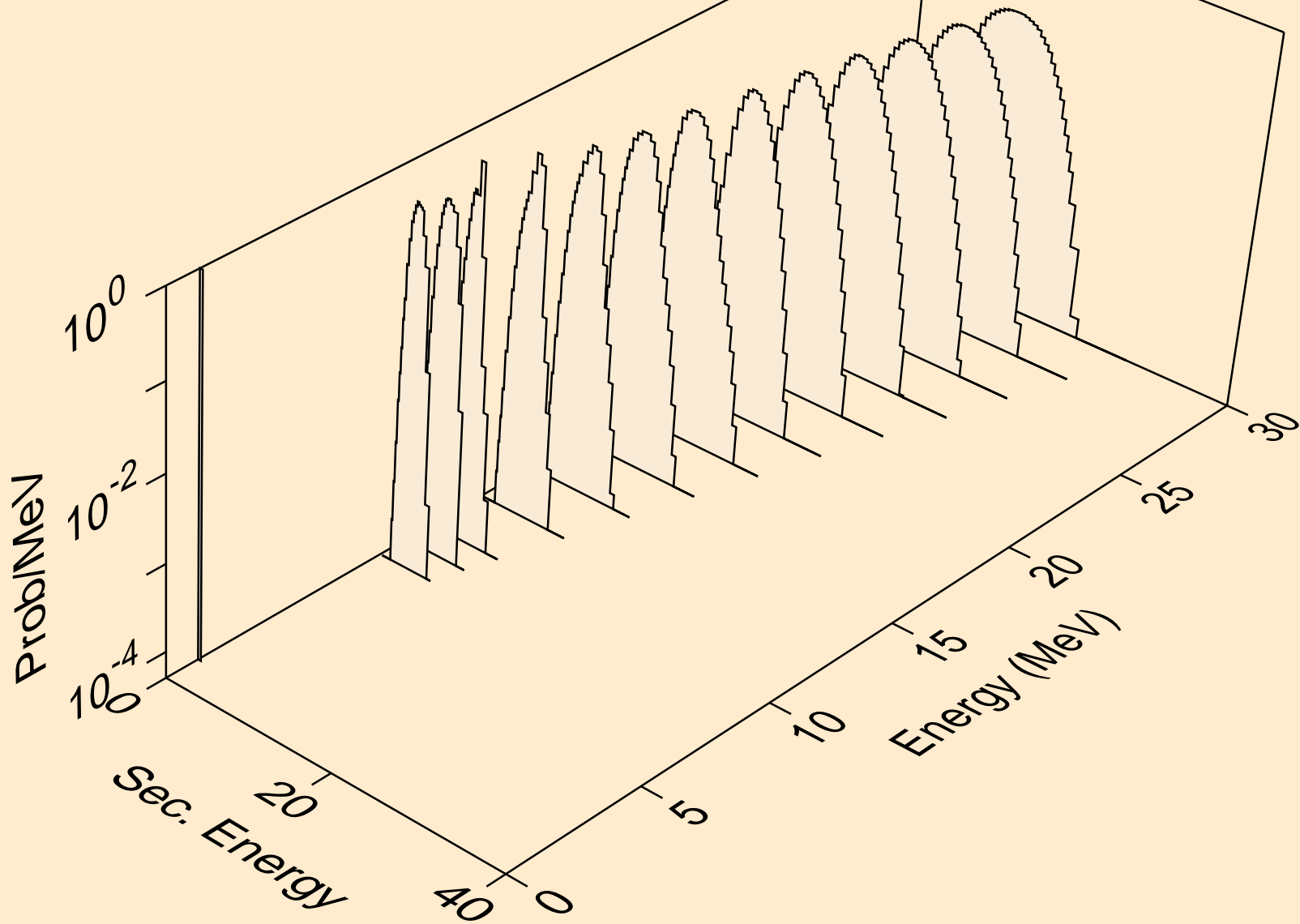
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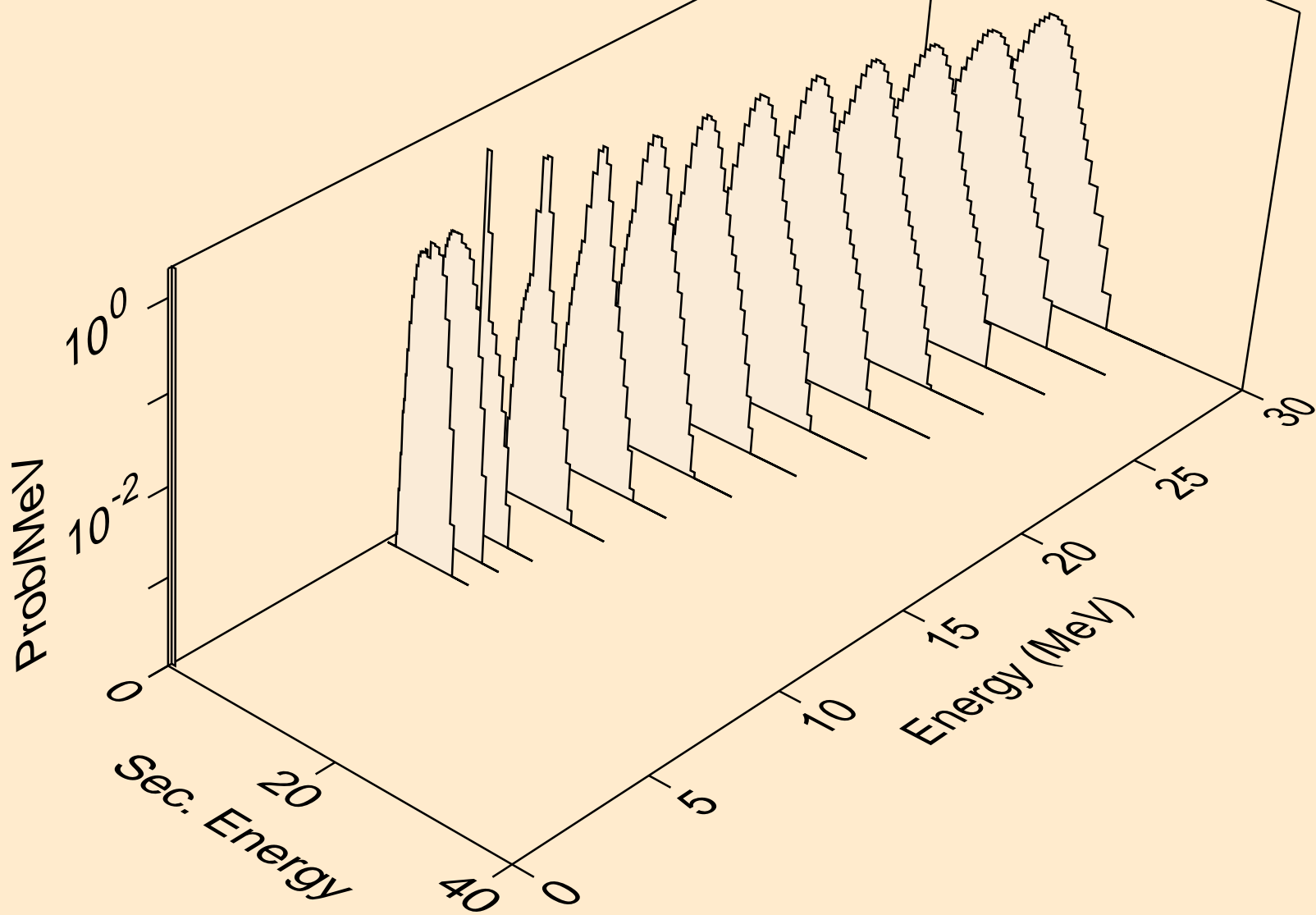
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protons from (s,p)



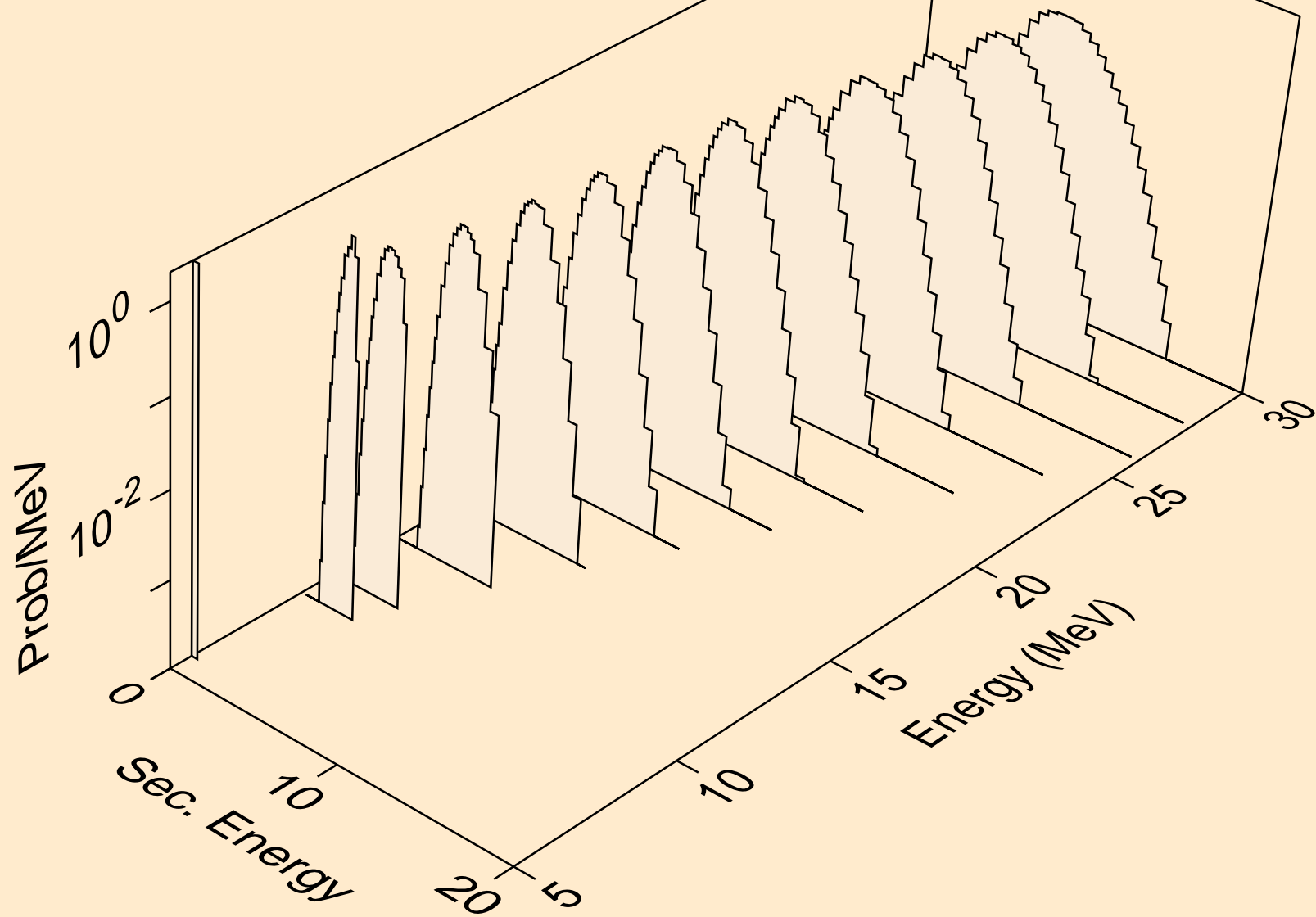
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protons from (s,2p)



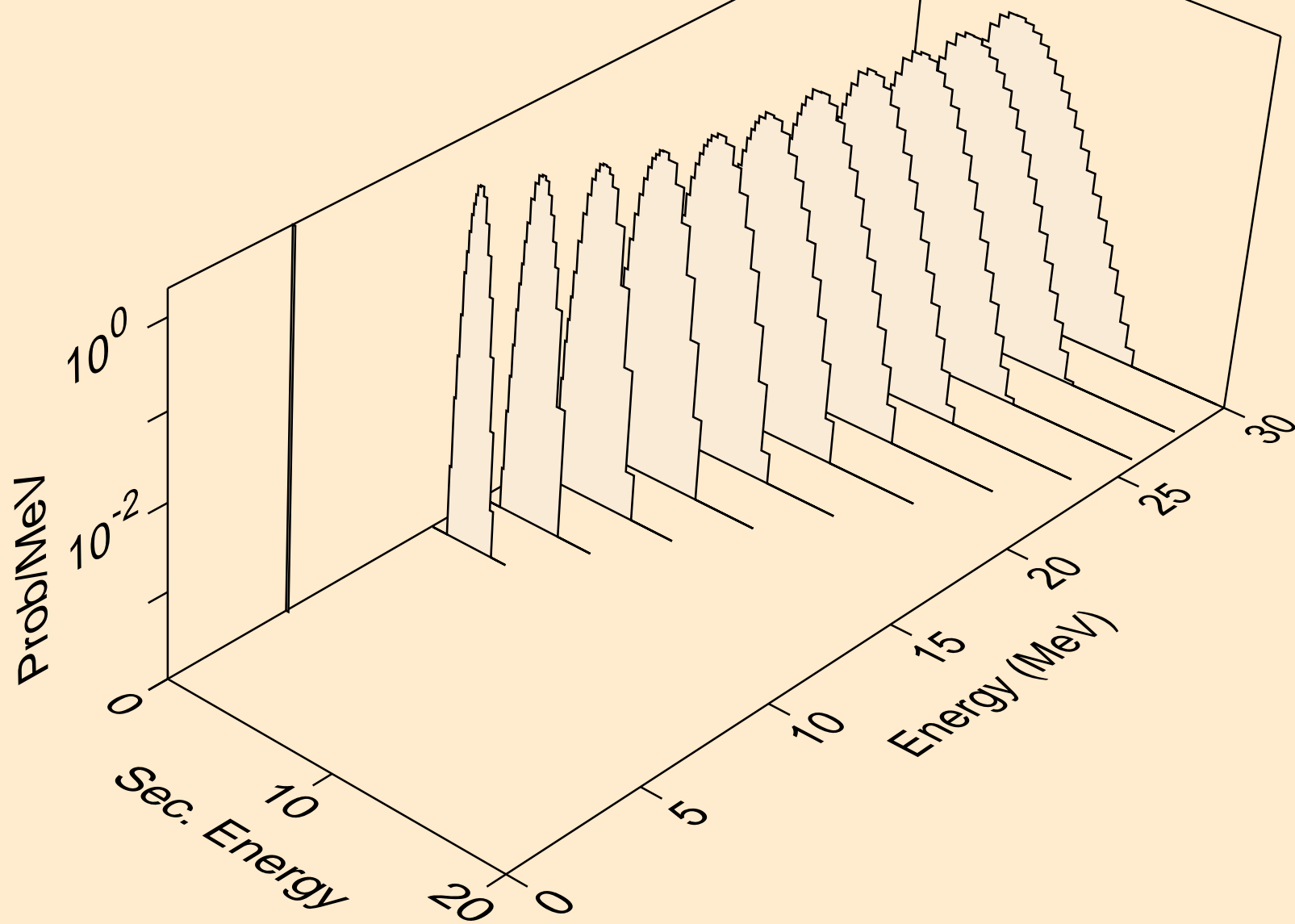
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pd)

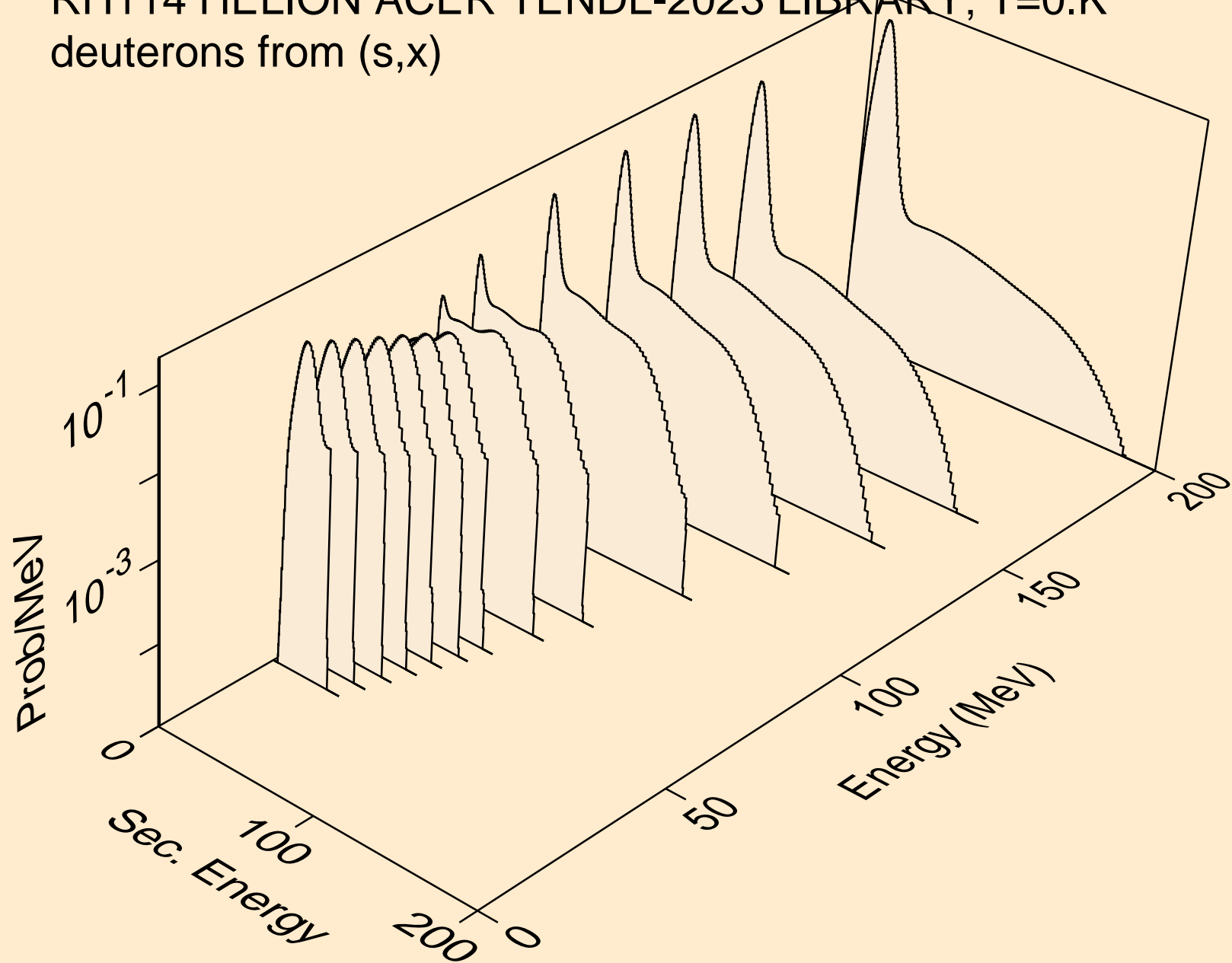


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)

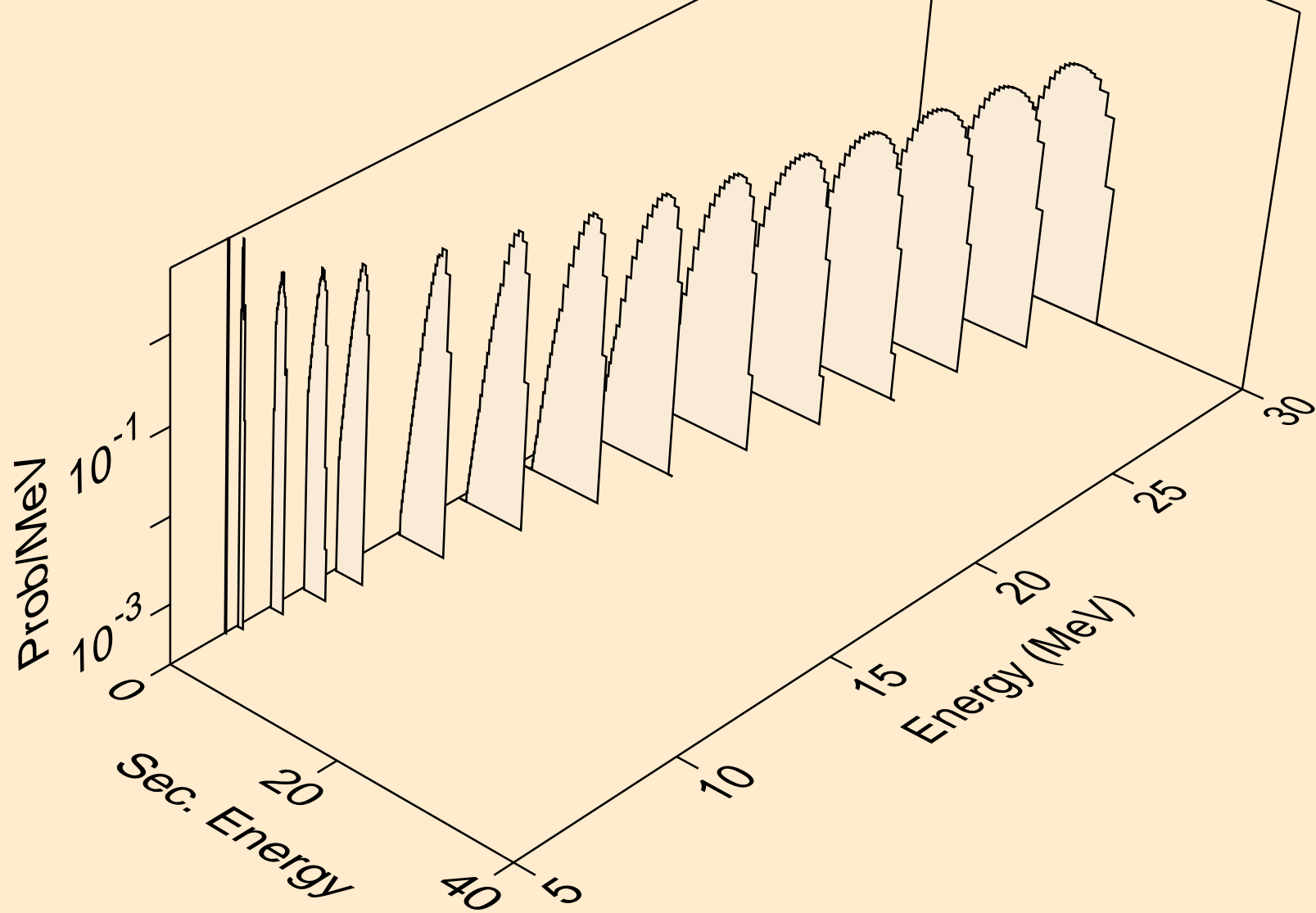




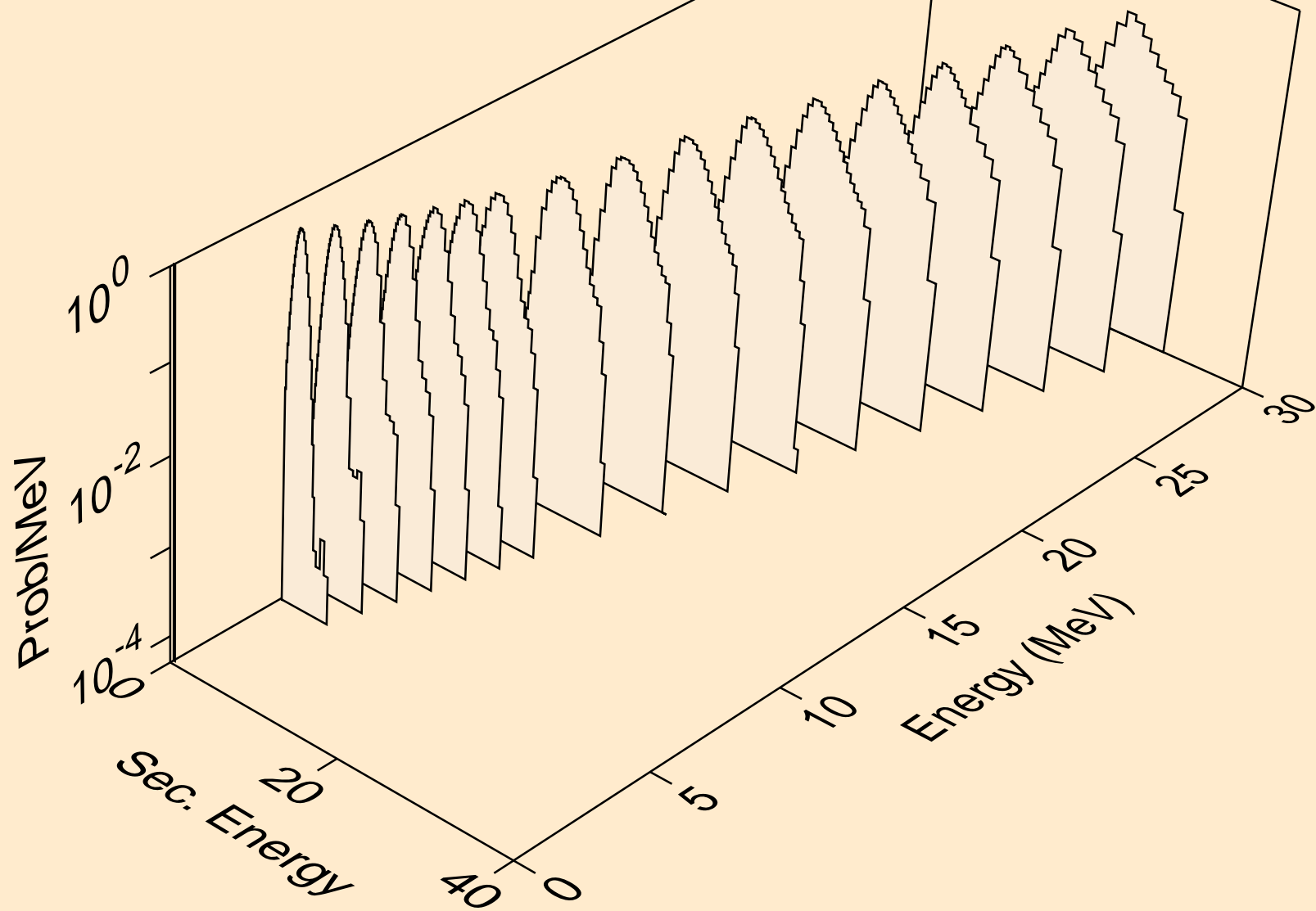
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



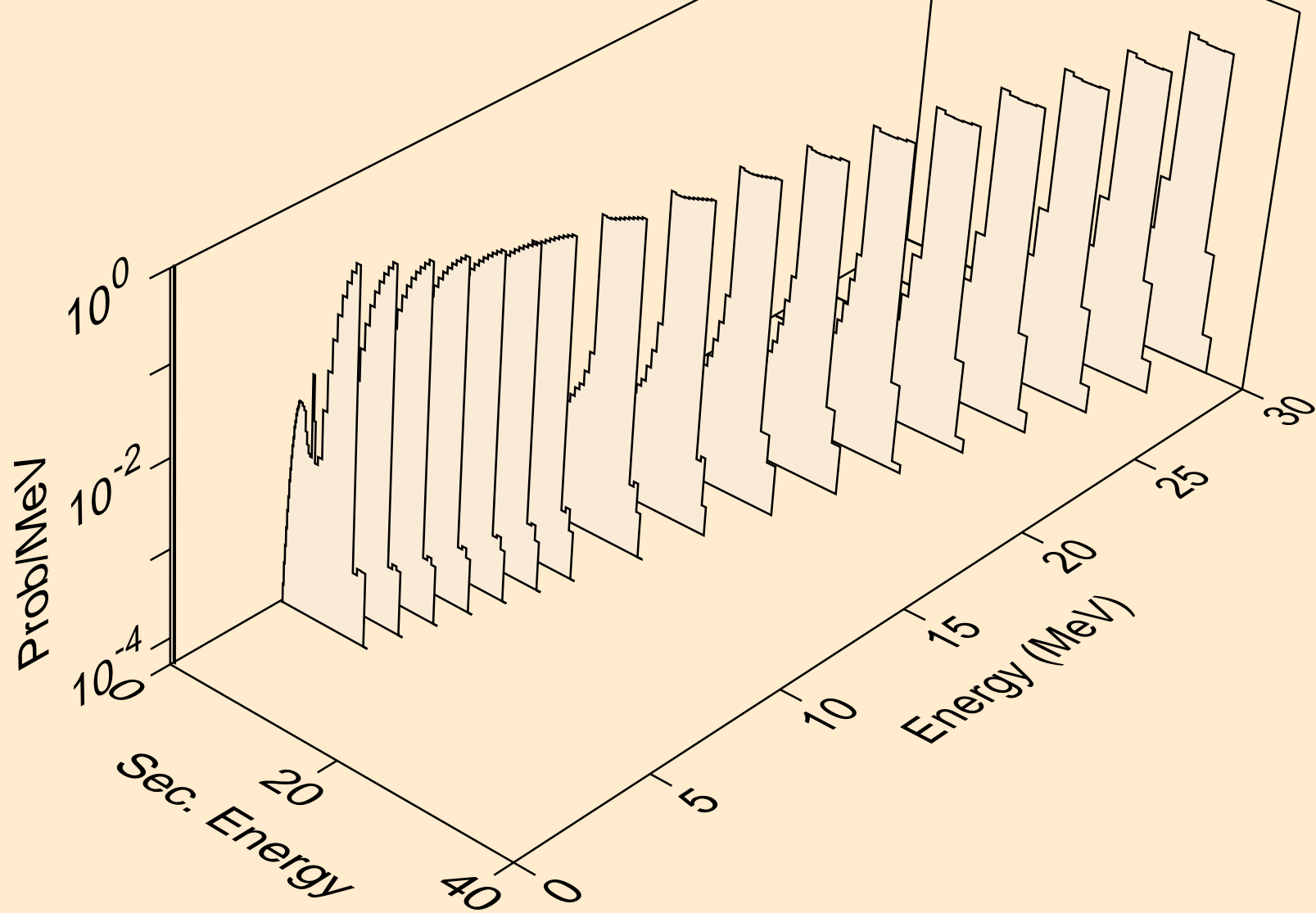
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deuterons from (s,2nd)



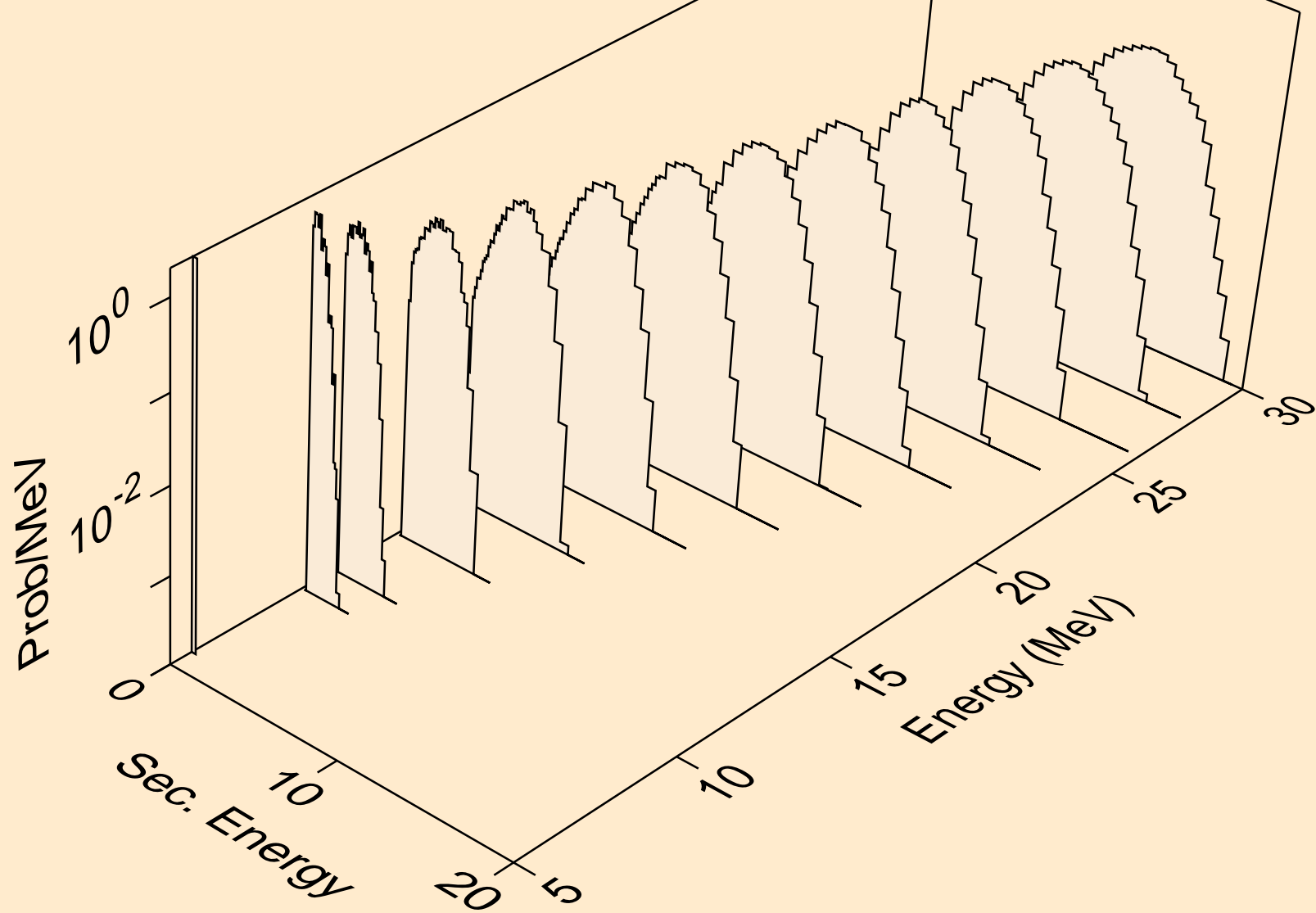
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deuterons from (s,n\*)d



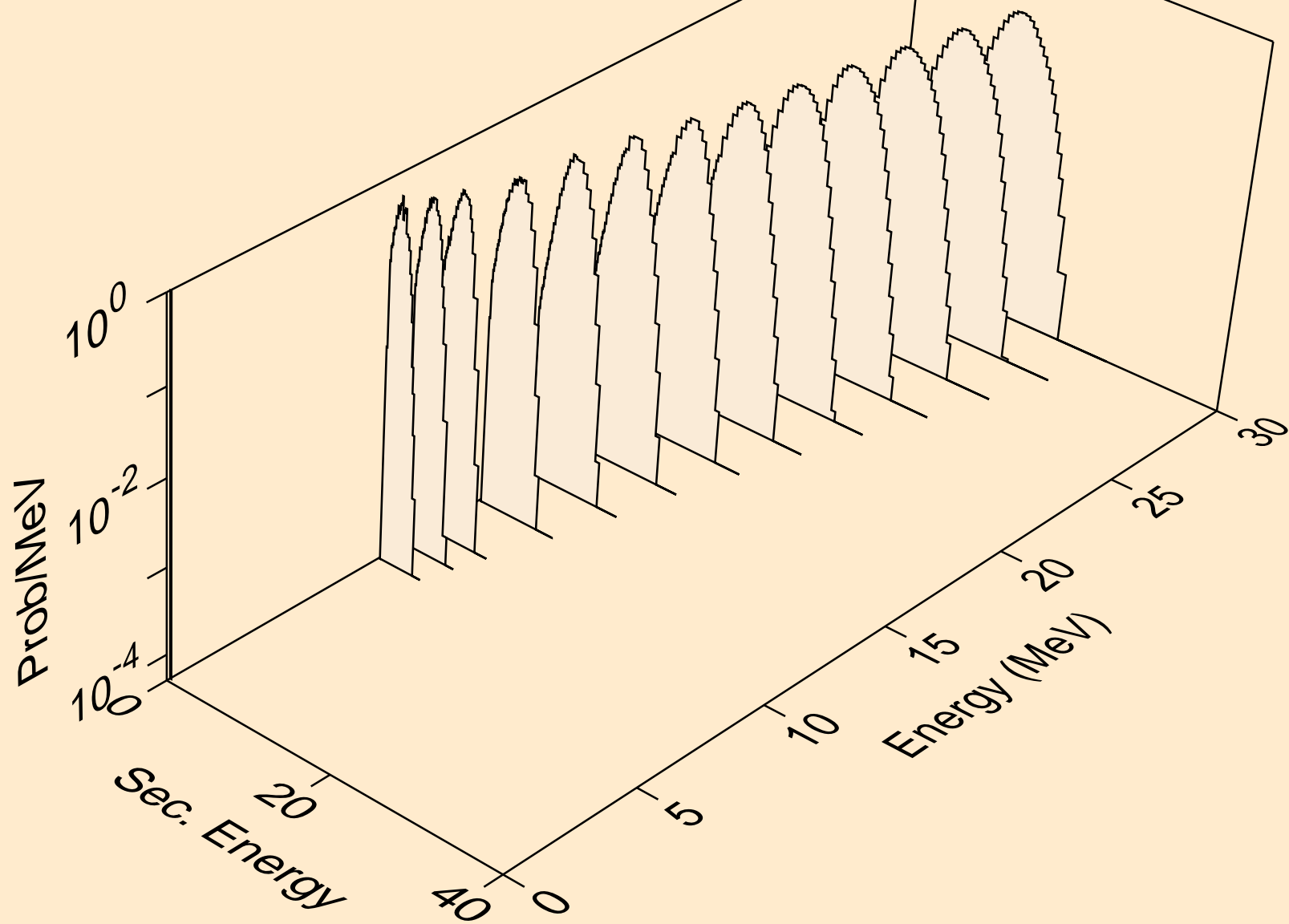
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deuterons from (s,d)



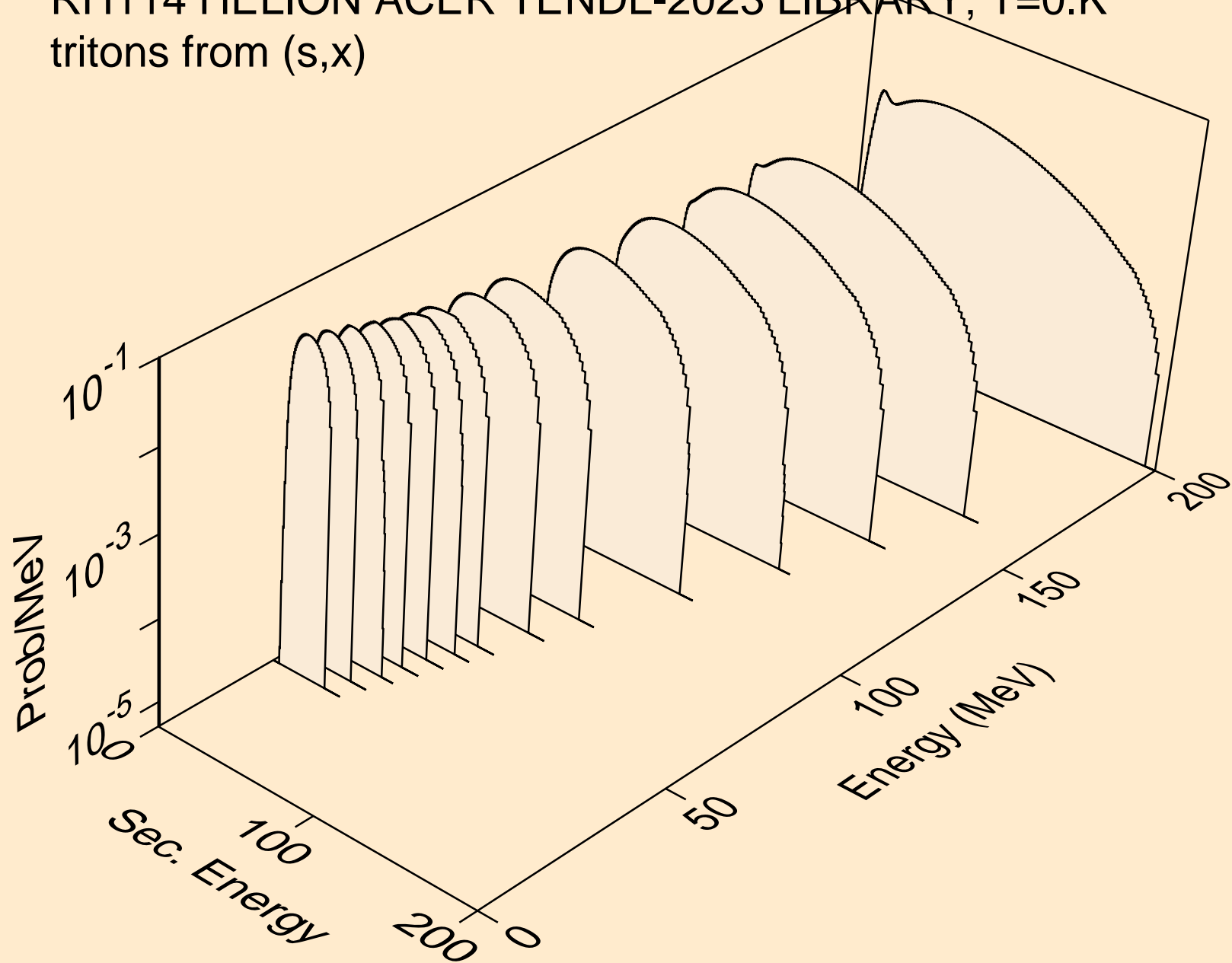
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deuterons from (s,pd)



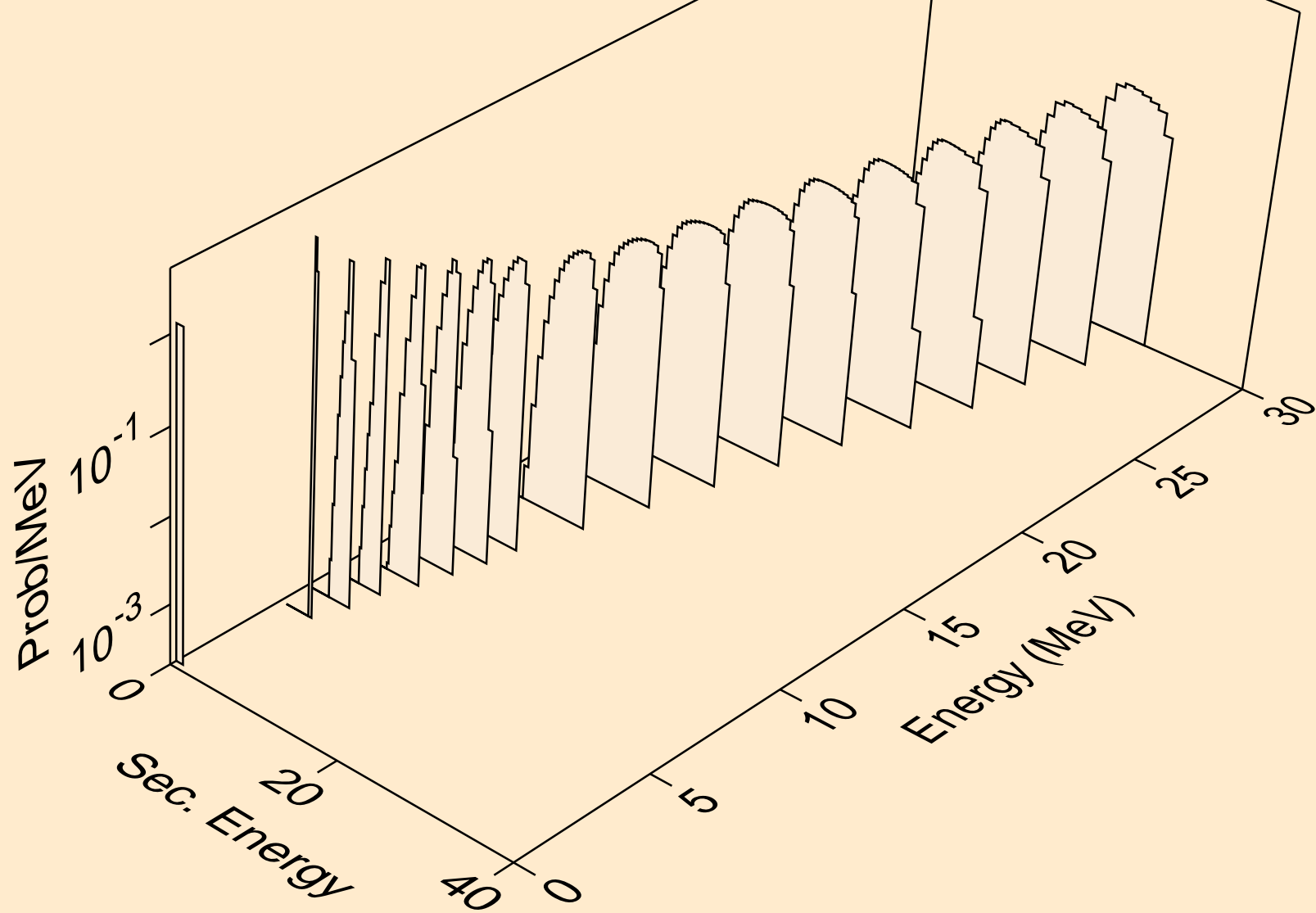
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,da)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,x)

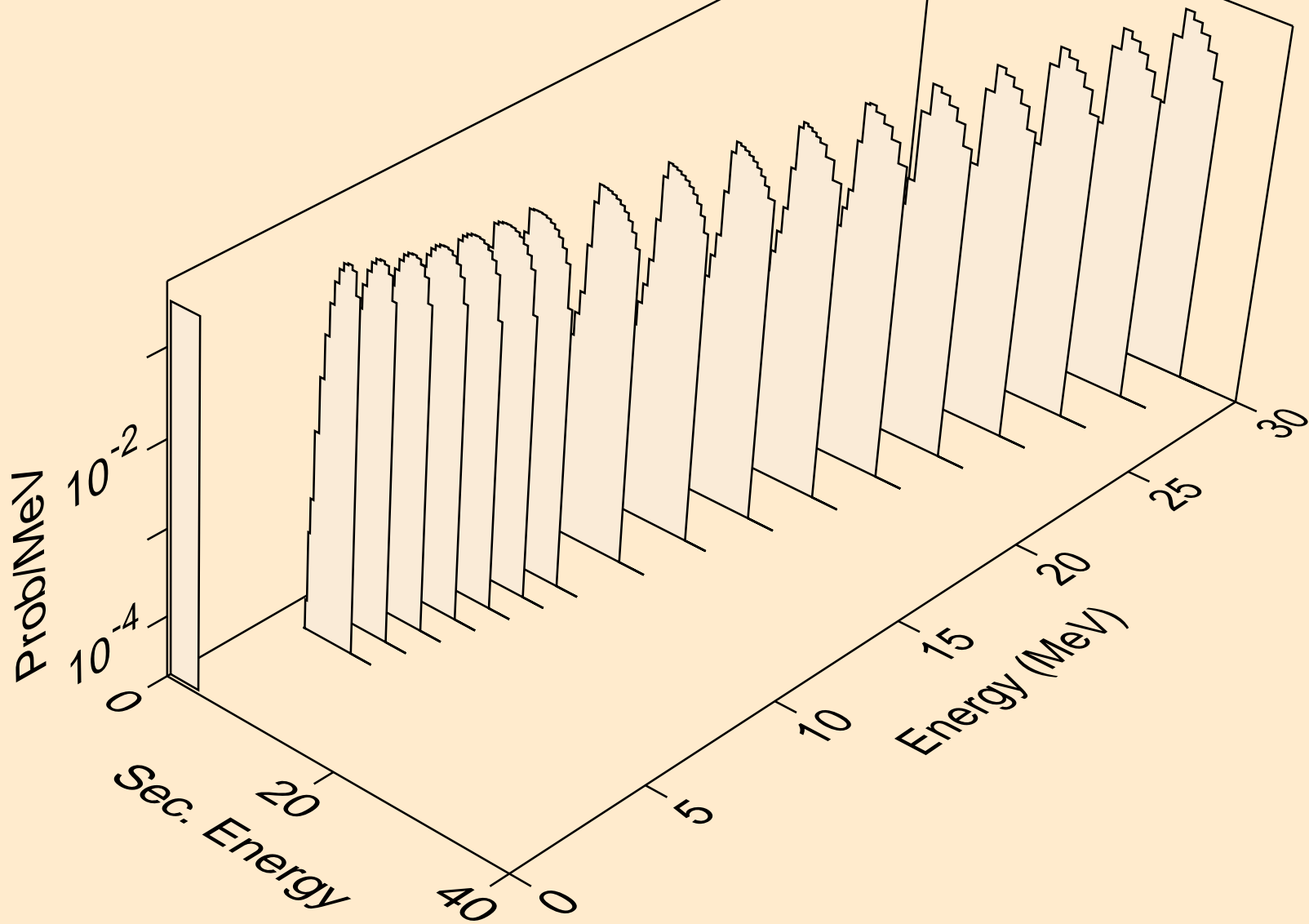


RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t

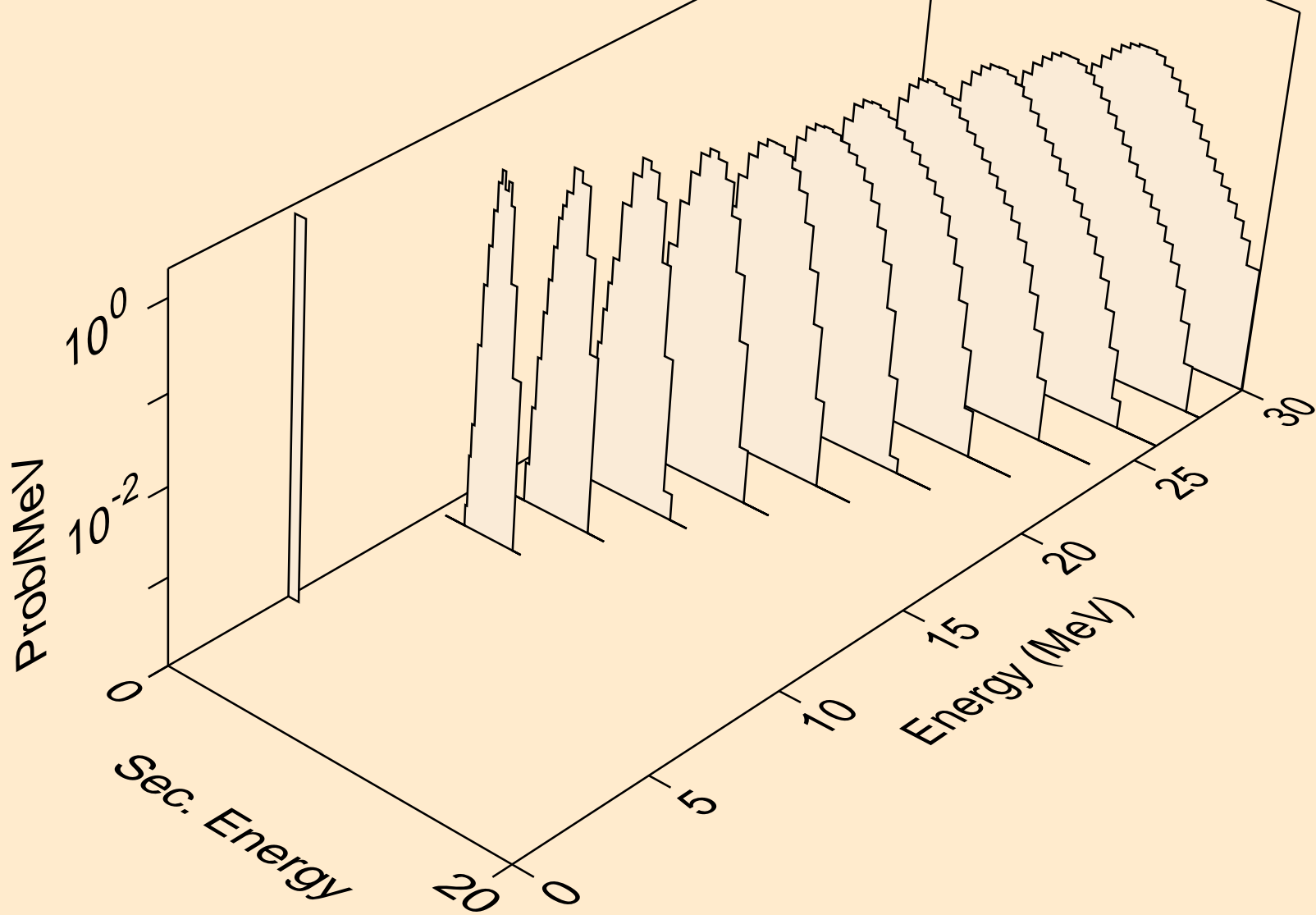




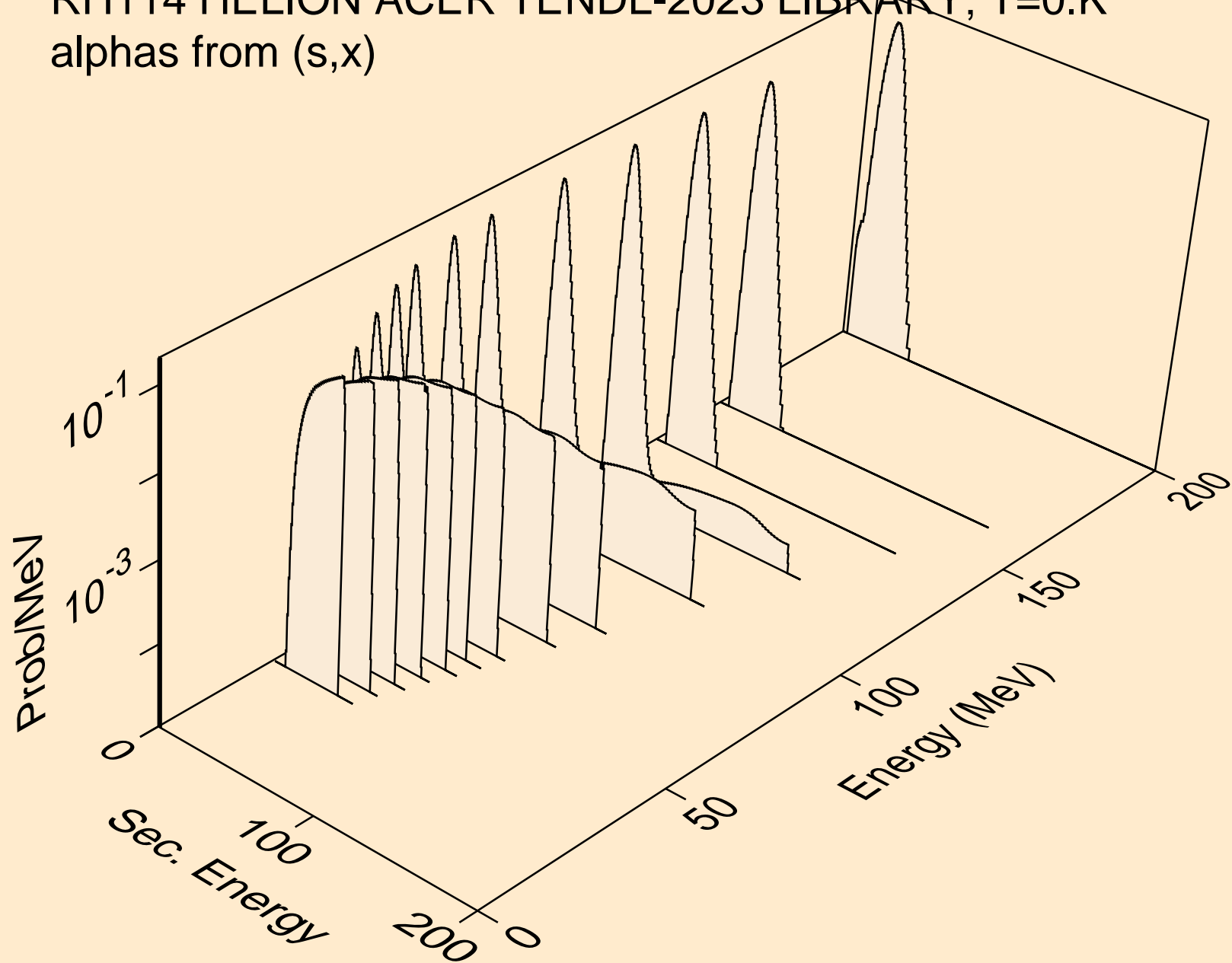
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tritons from (s,t)



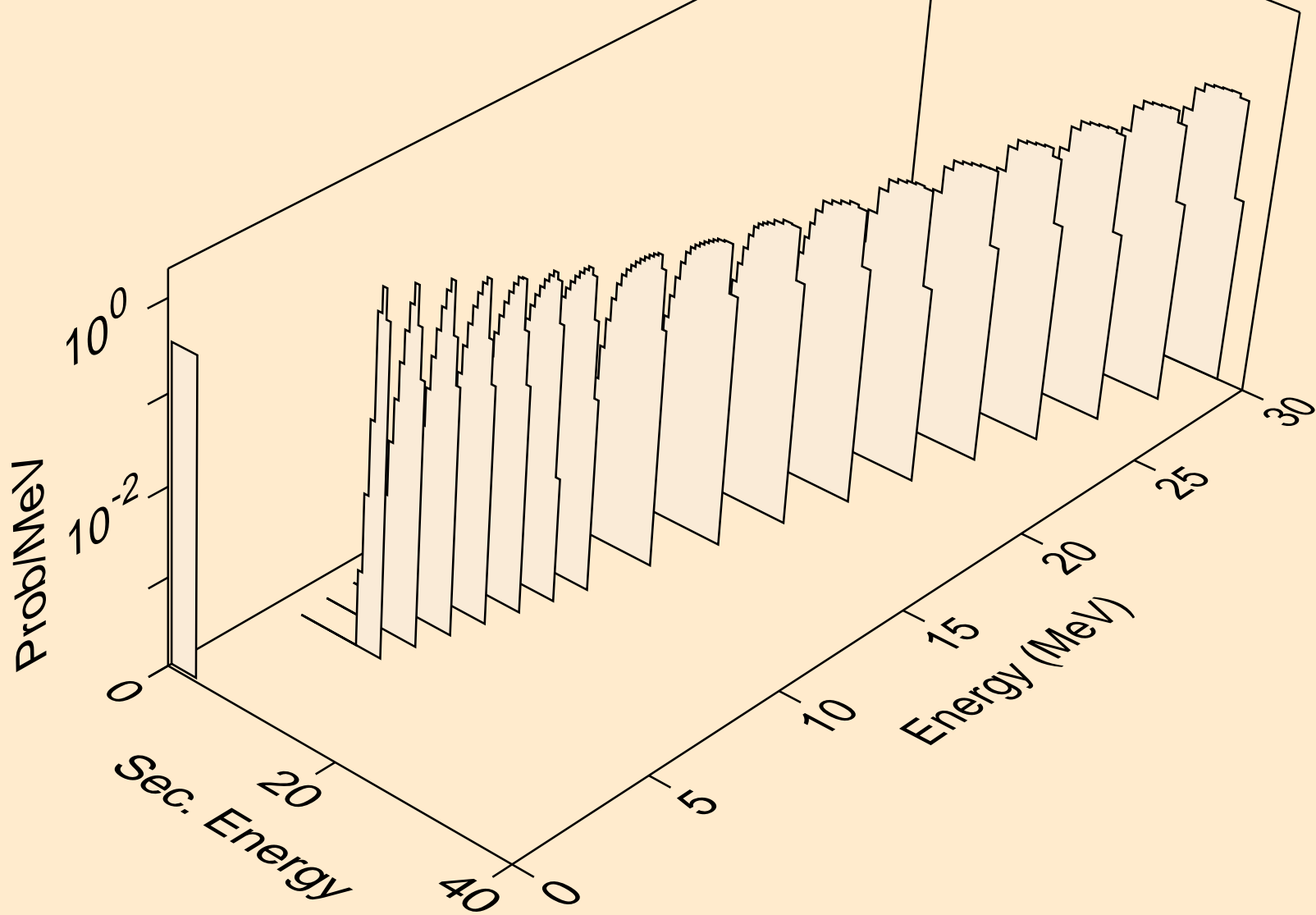
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)



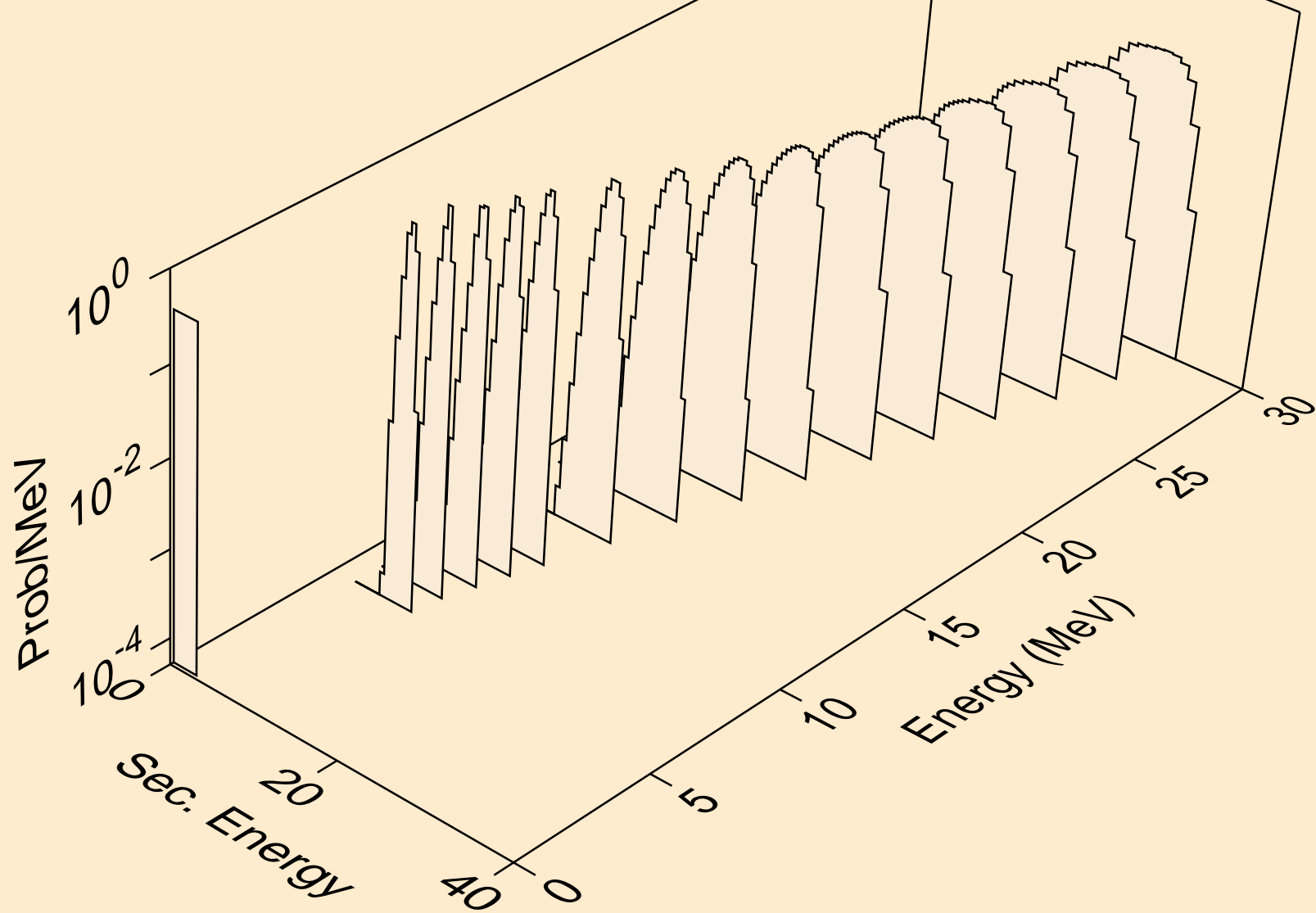
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



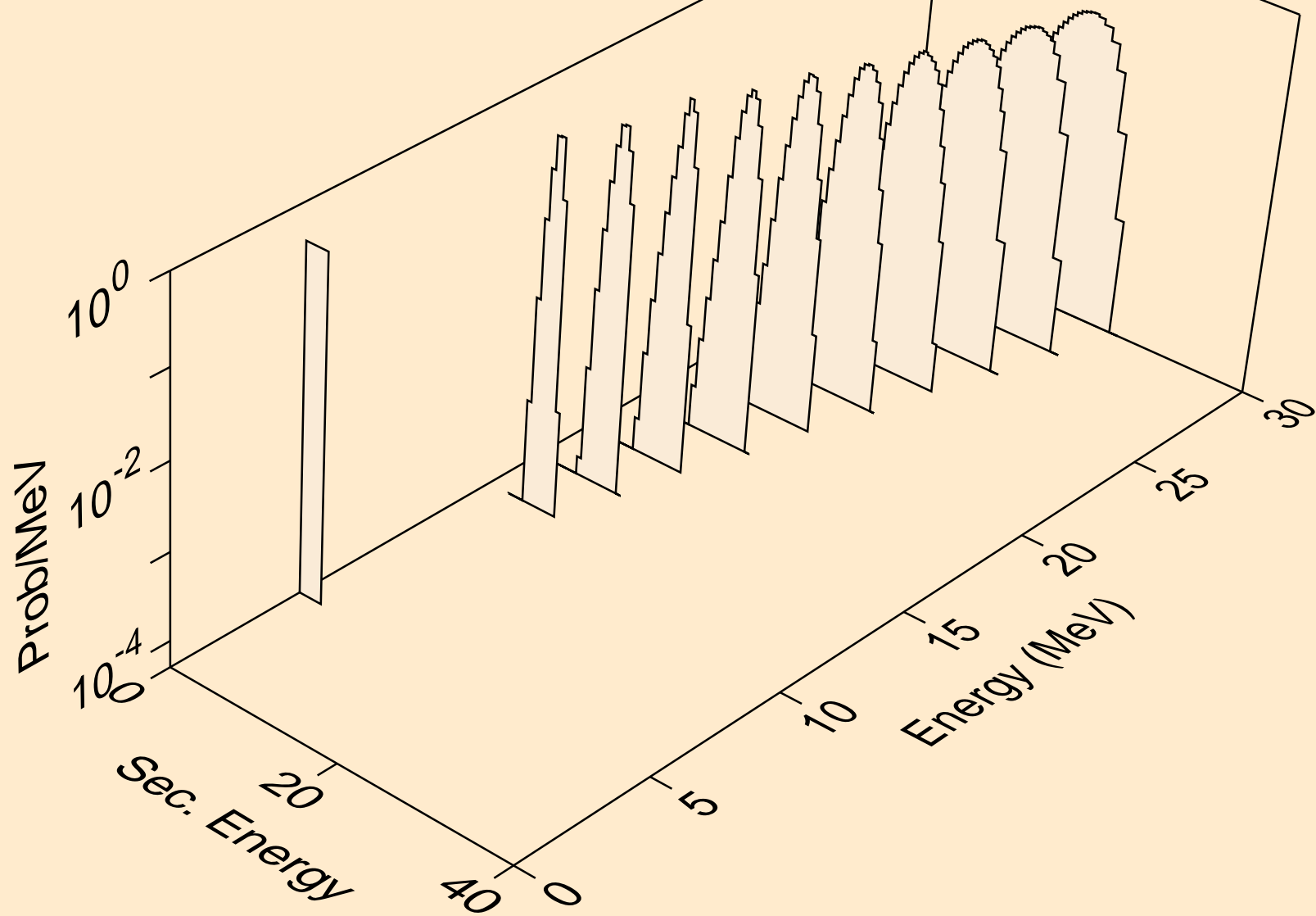
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



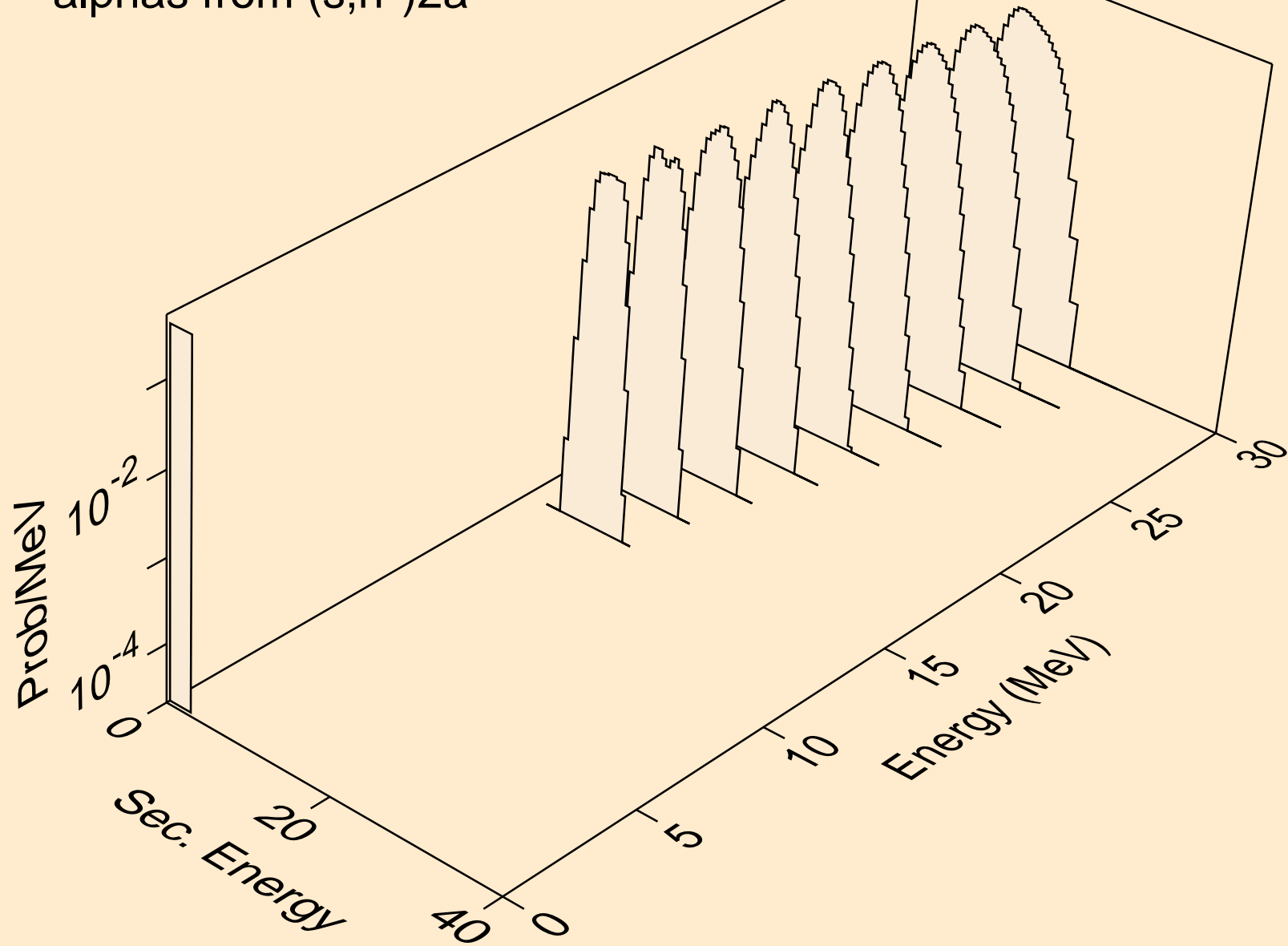
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



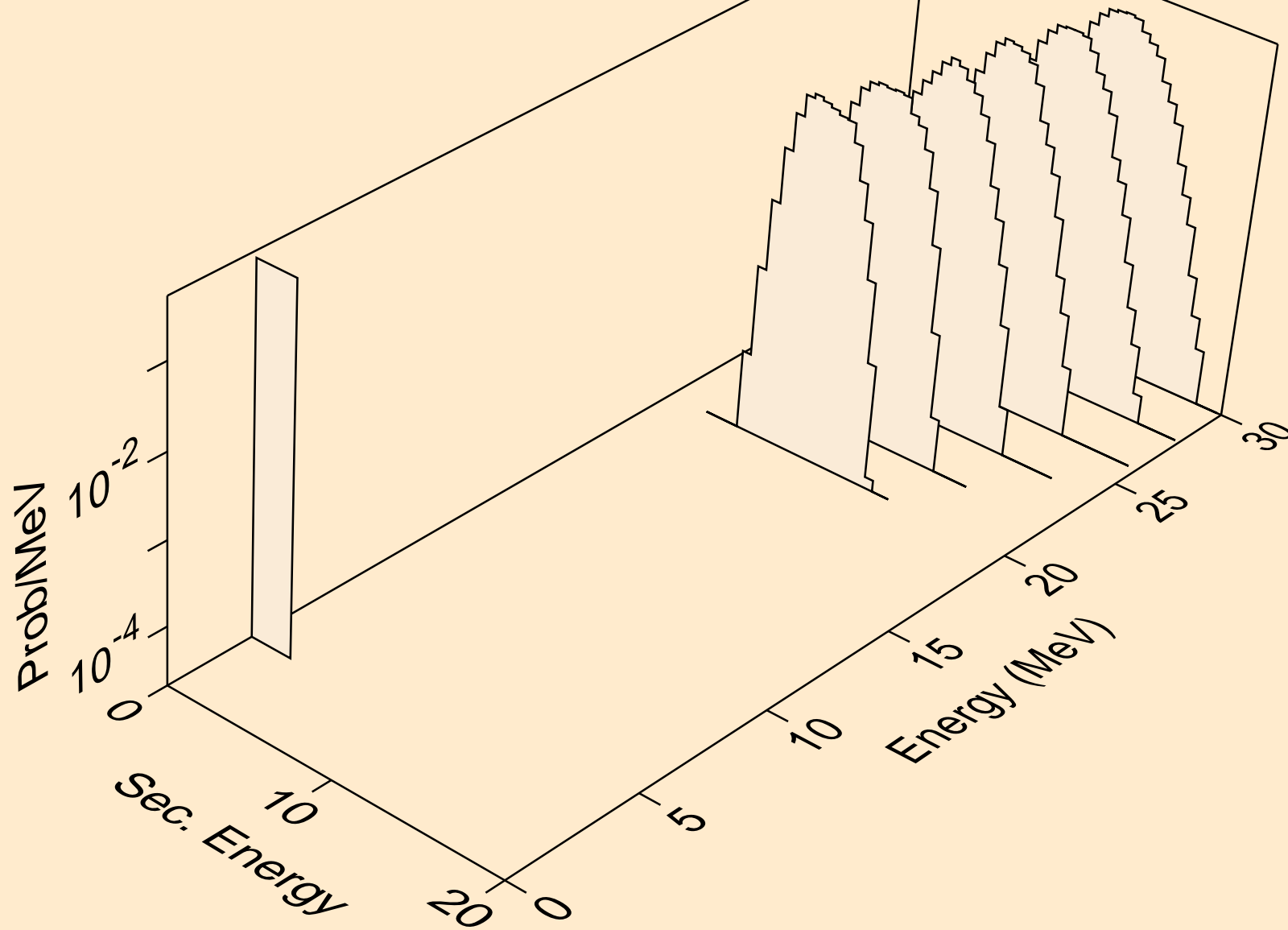
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

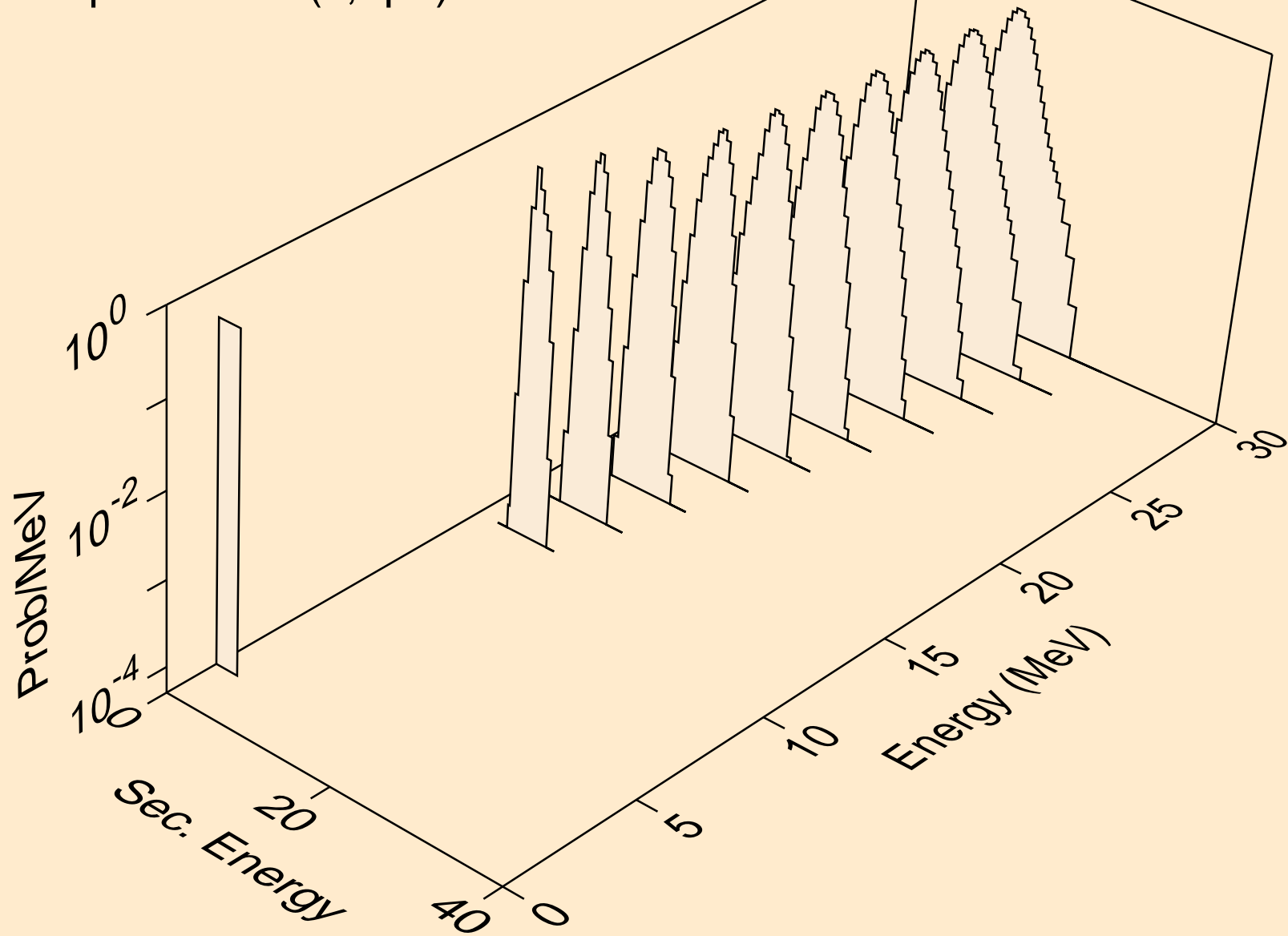


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alphas from (s,2n)2a

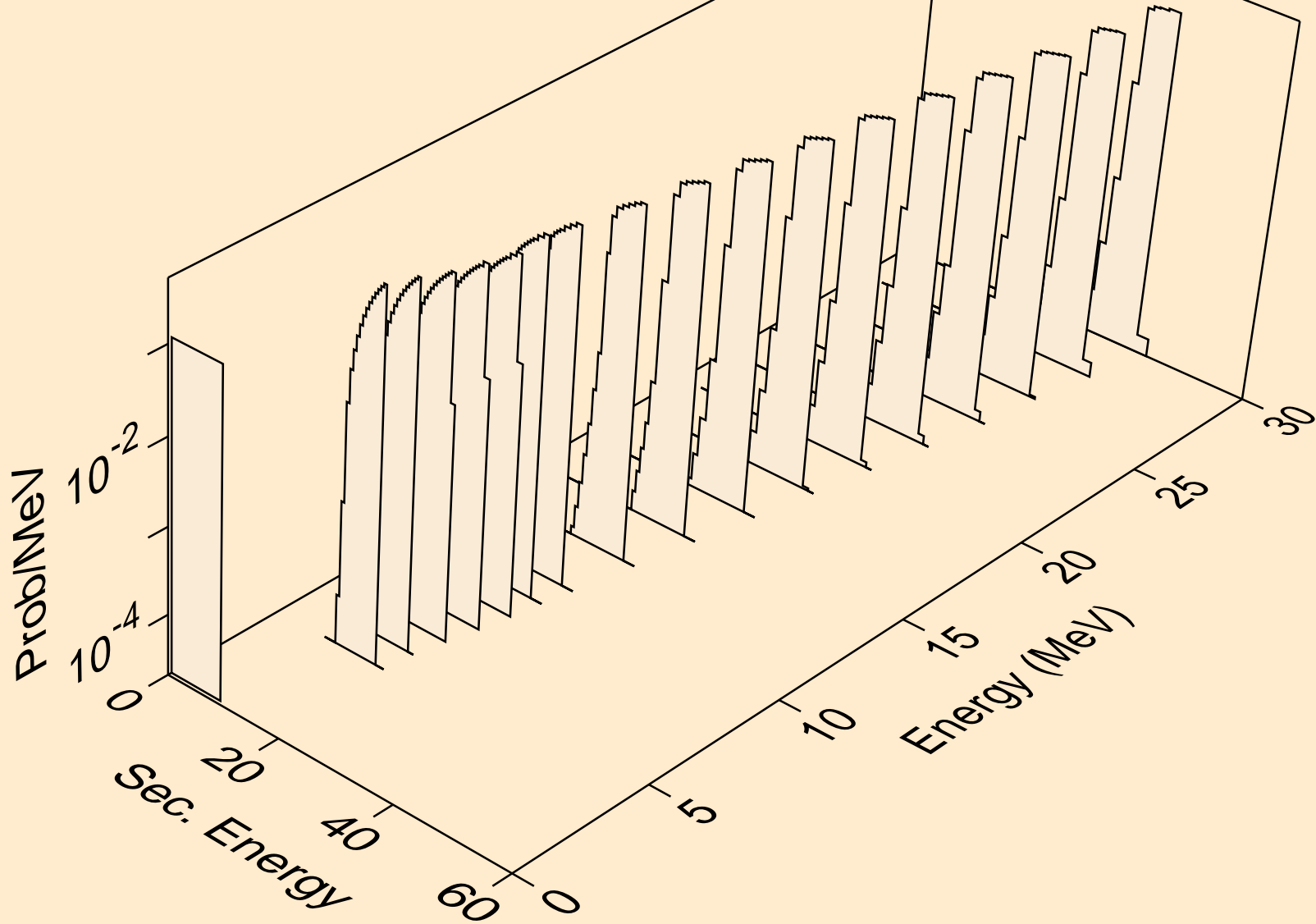




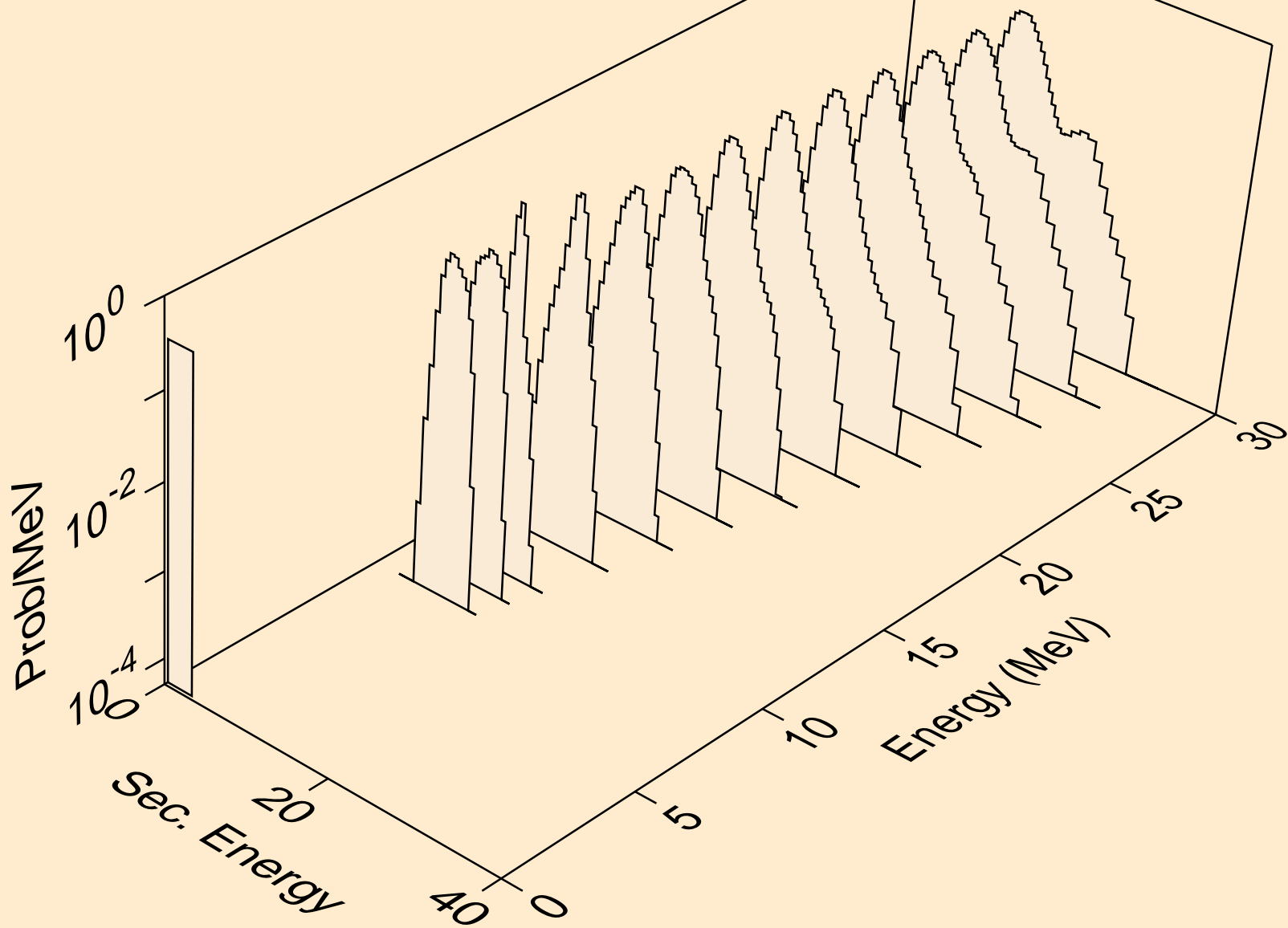
RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



RH114 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

