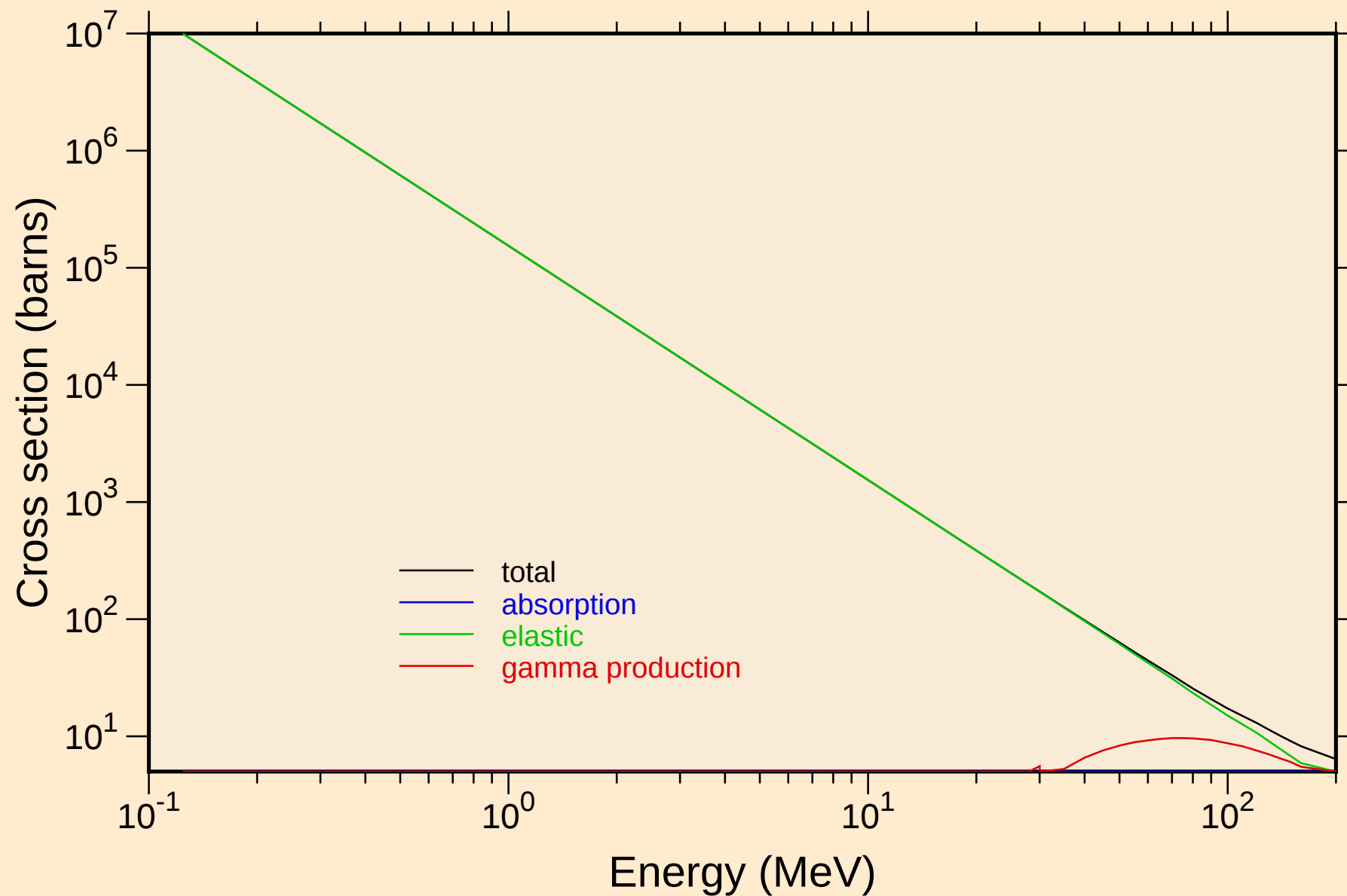


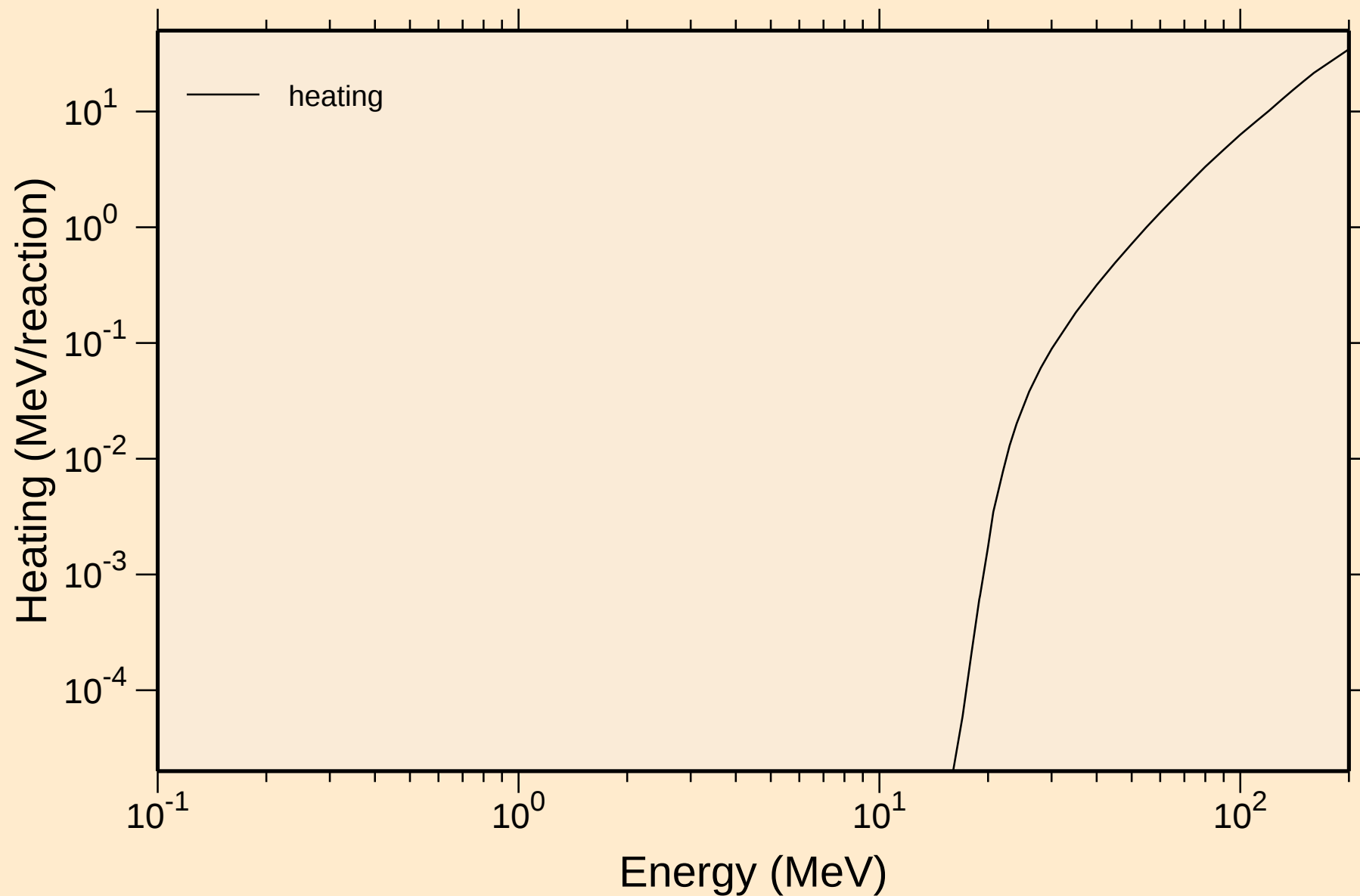
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



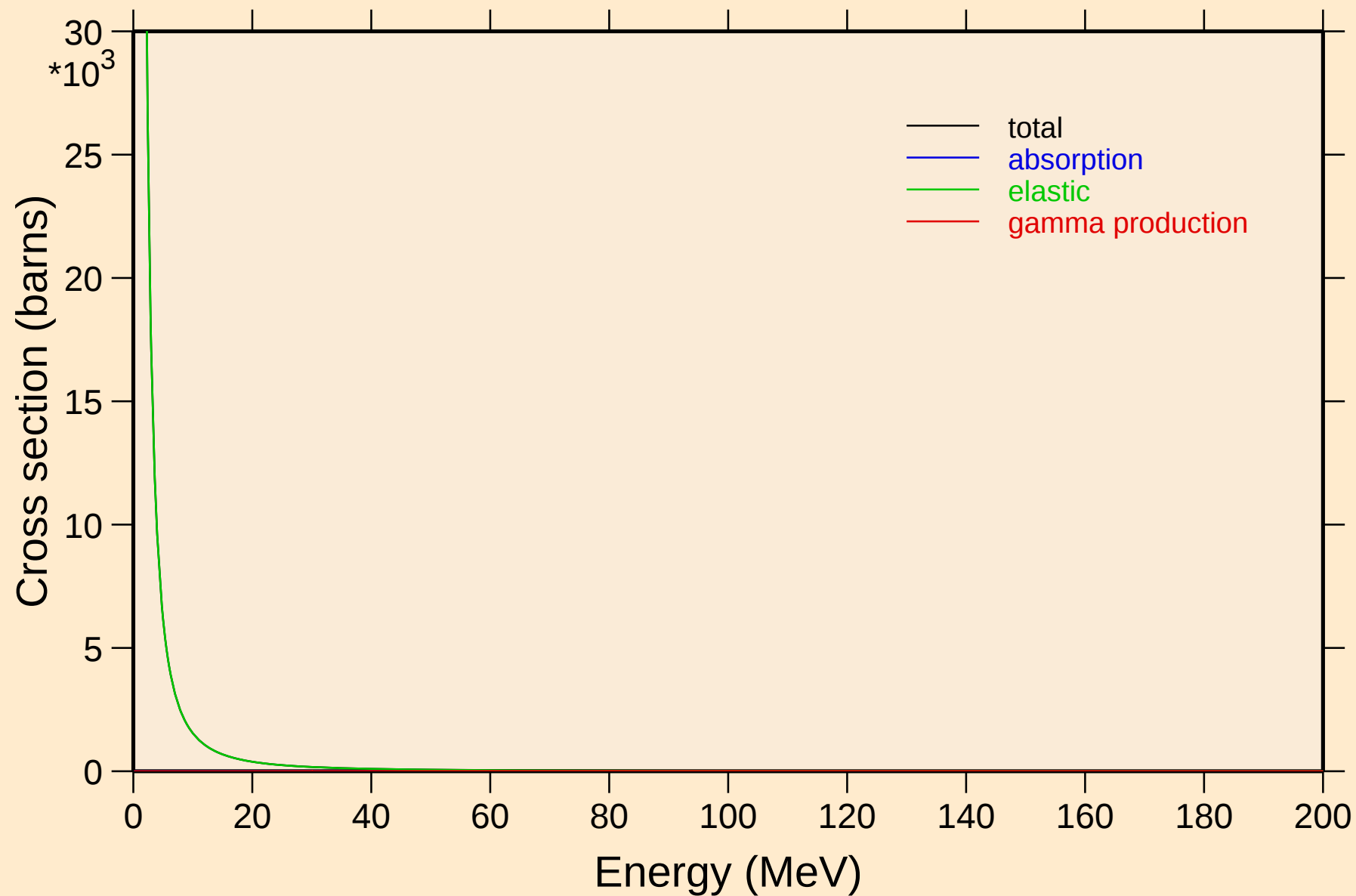
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



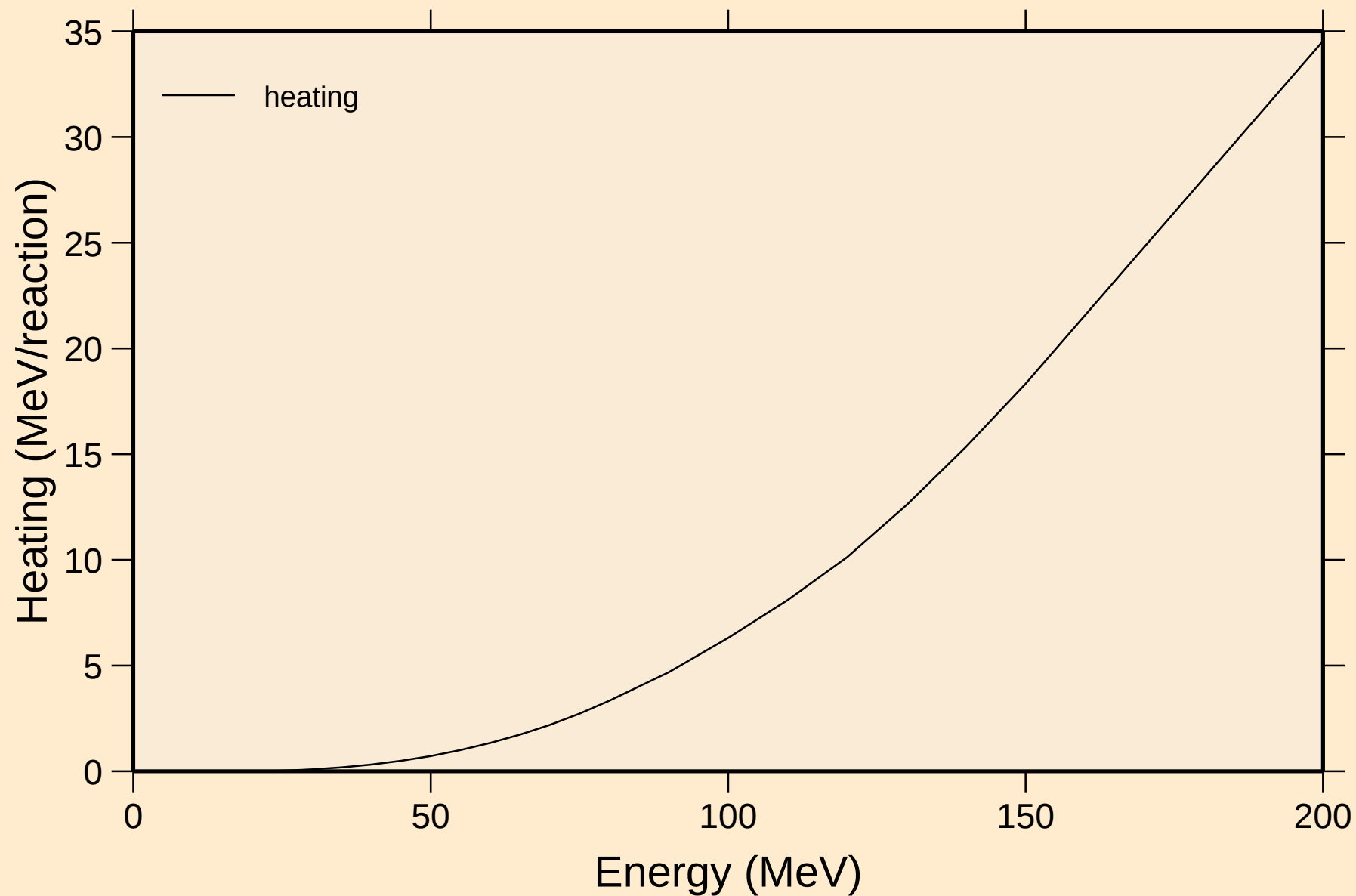
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



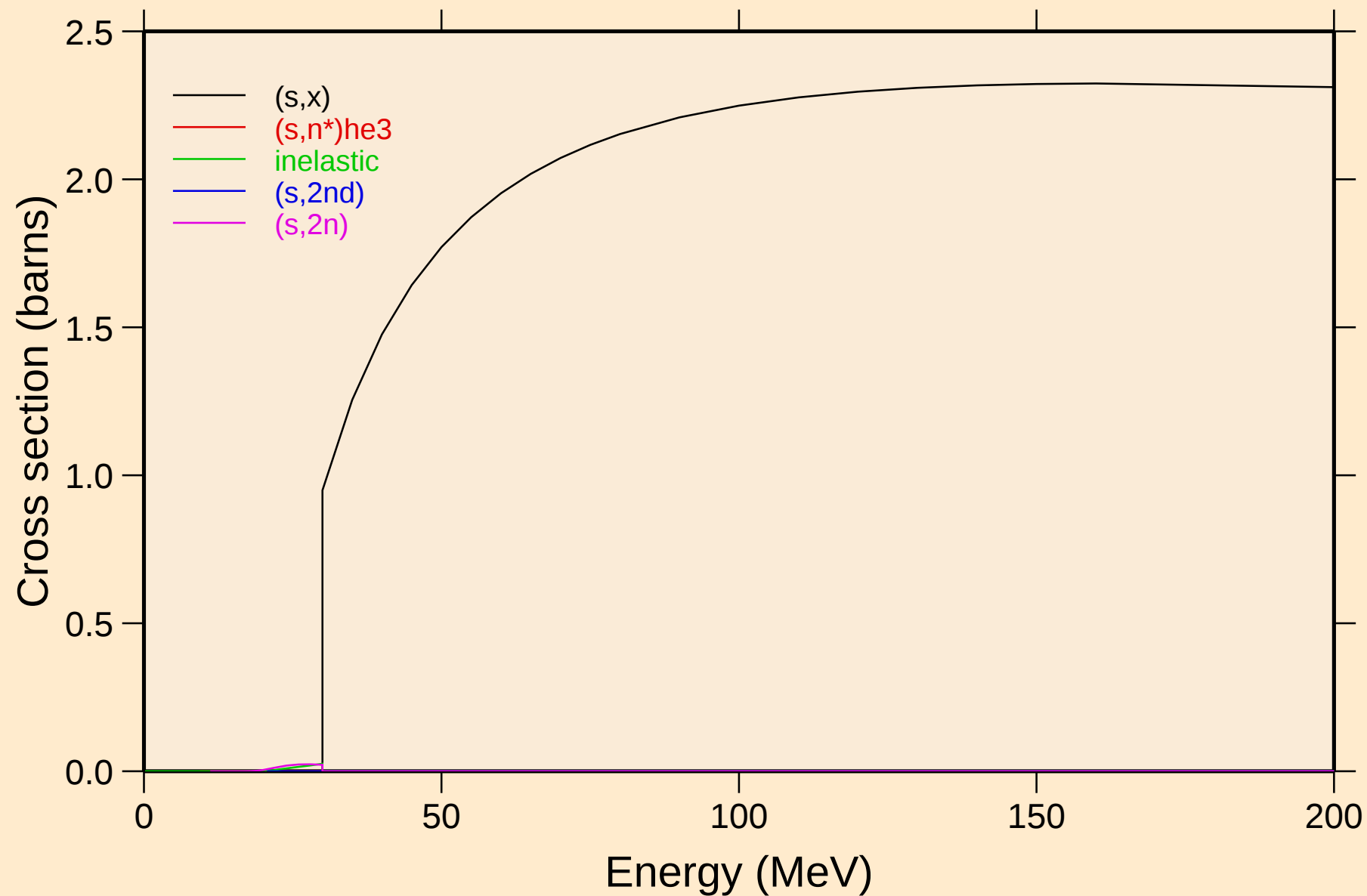
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



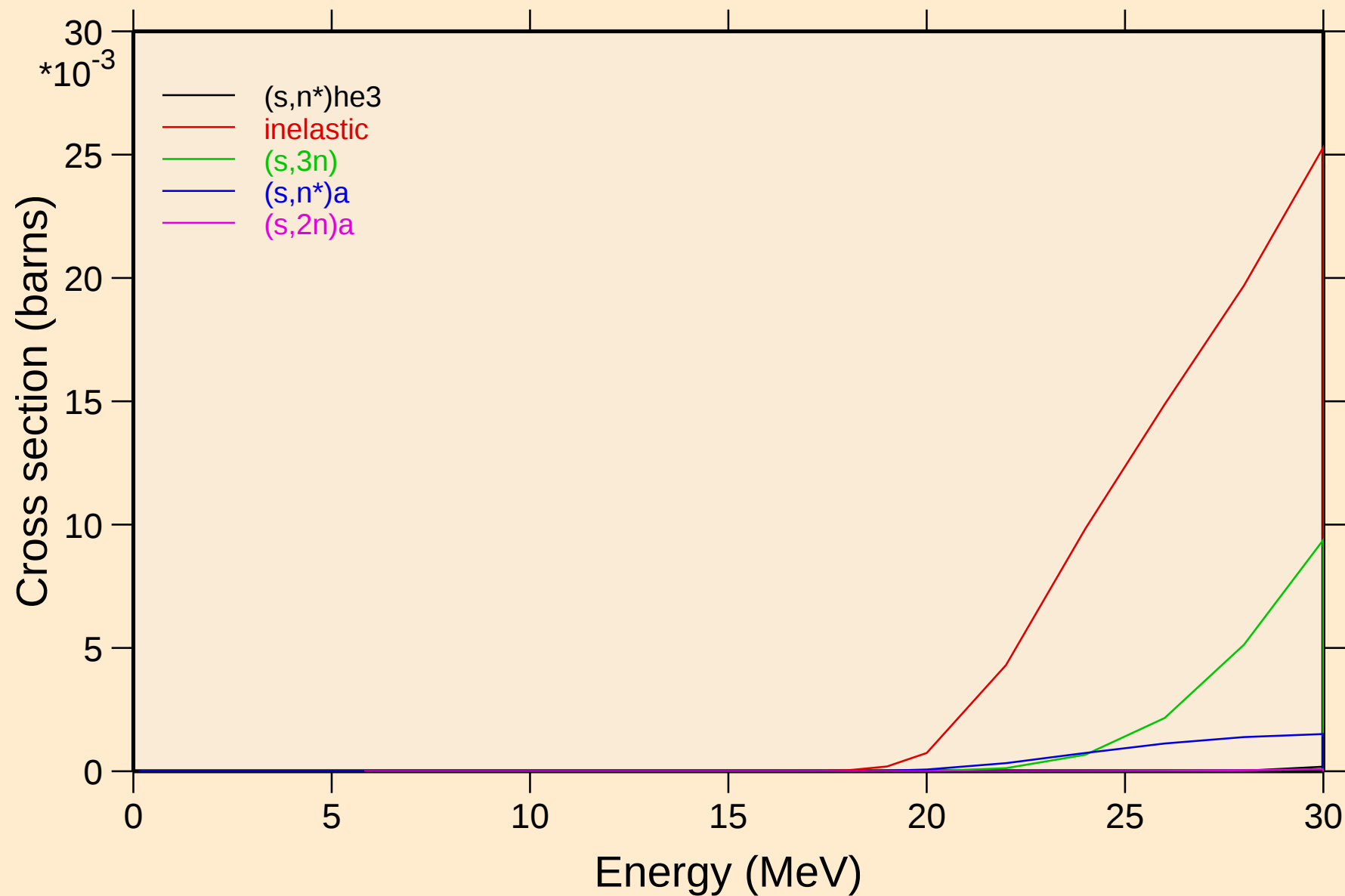
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



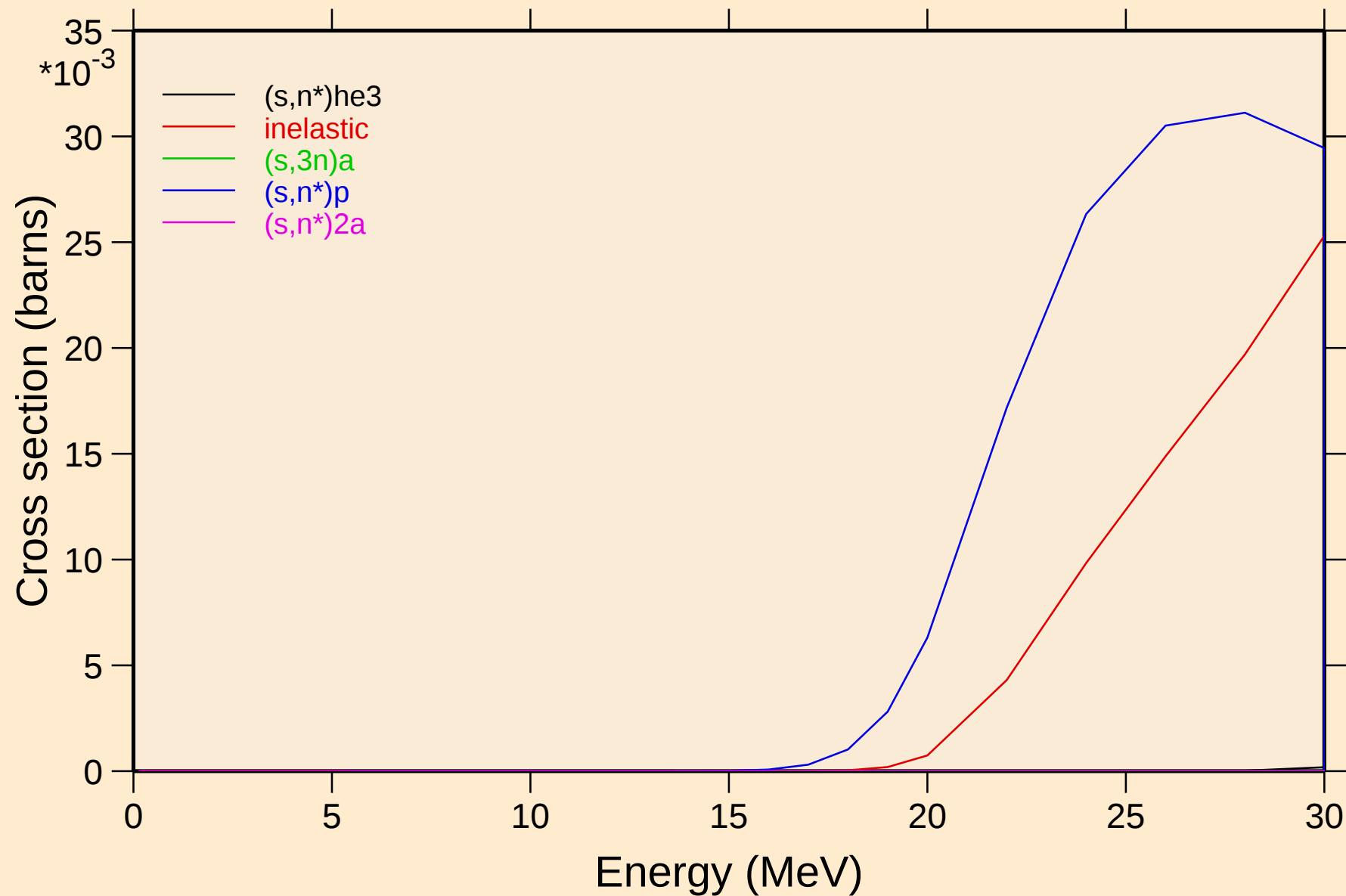
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## Threshold reactions



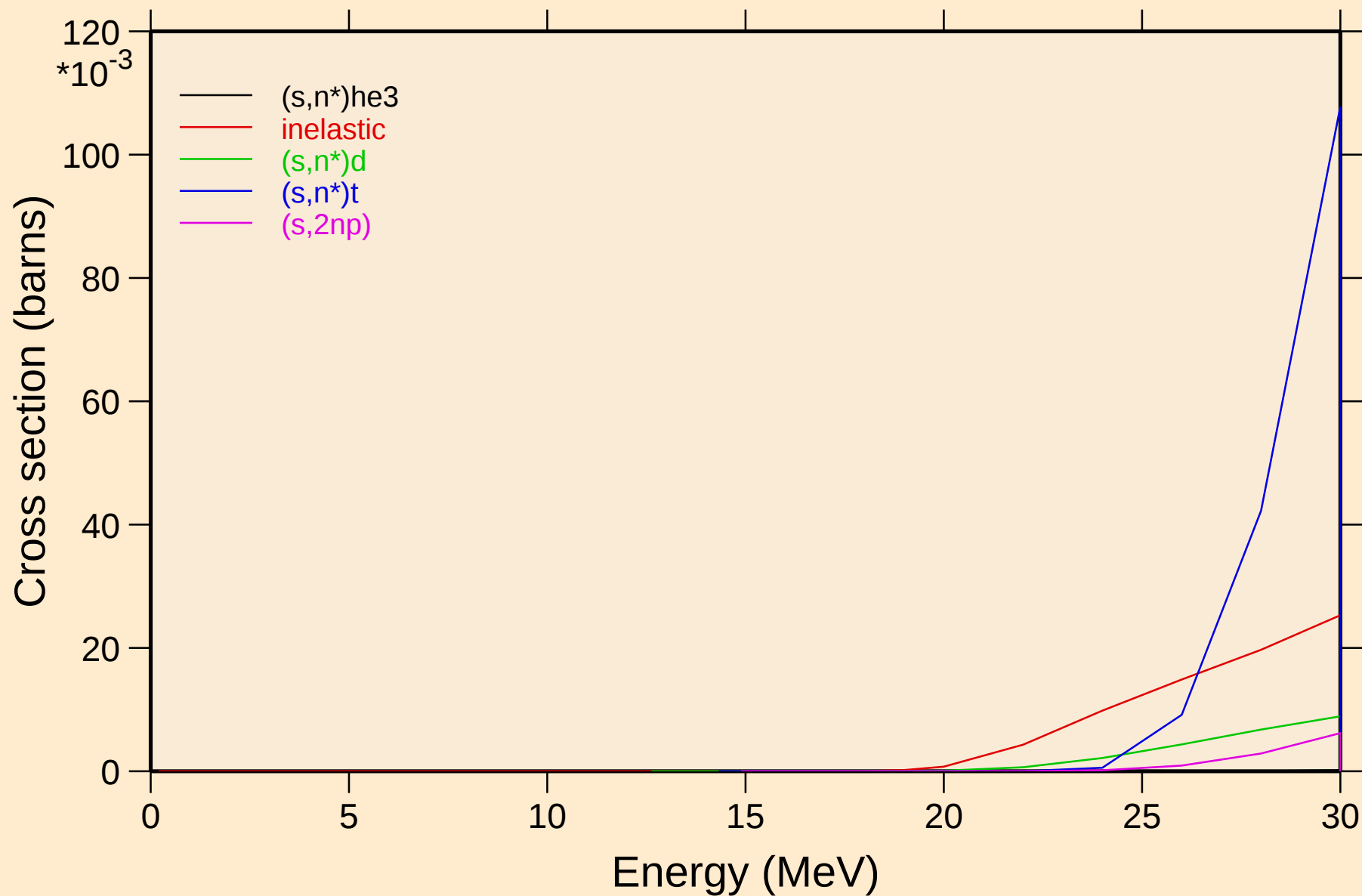
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



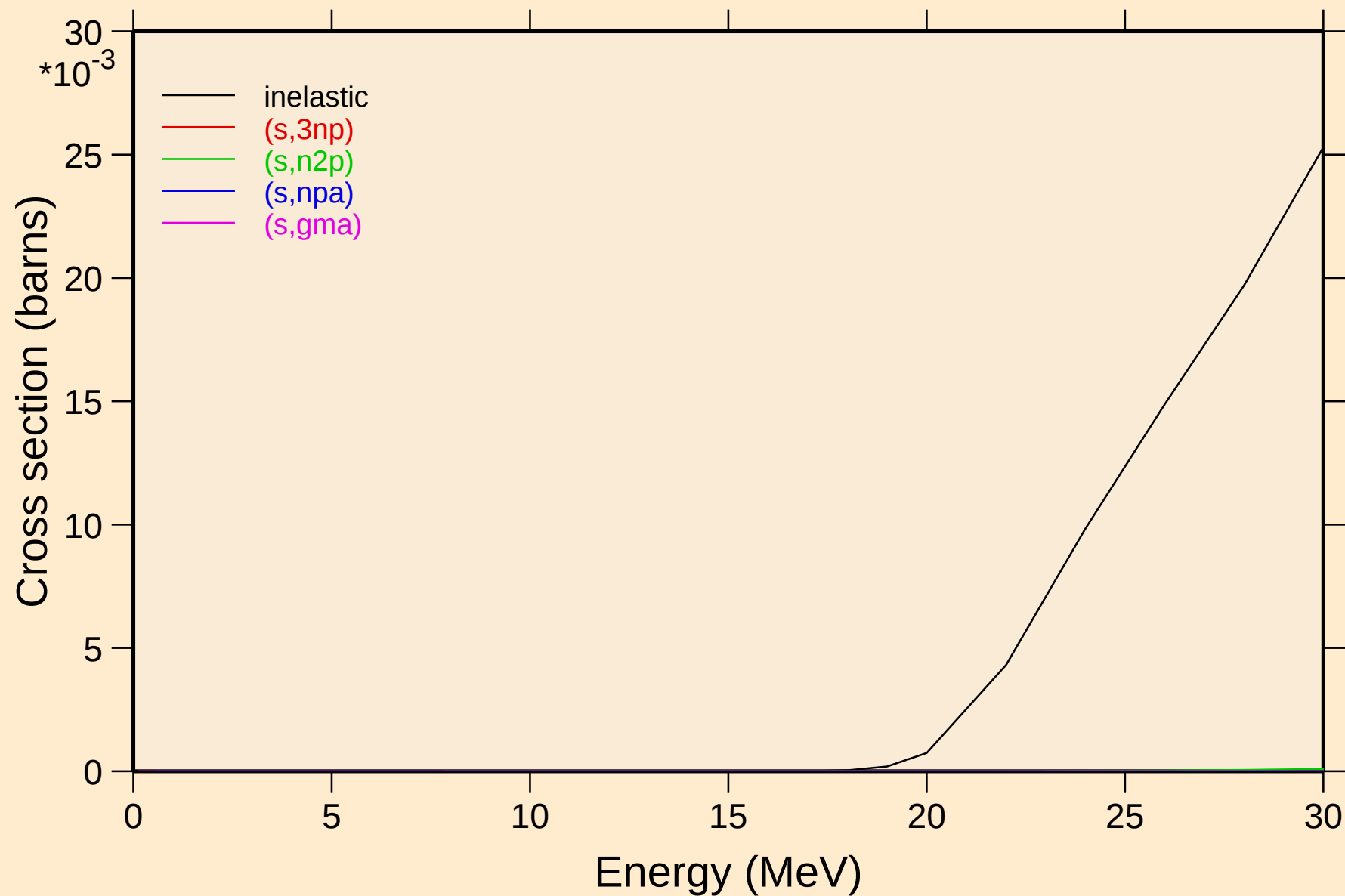
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

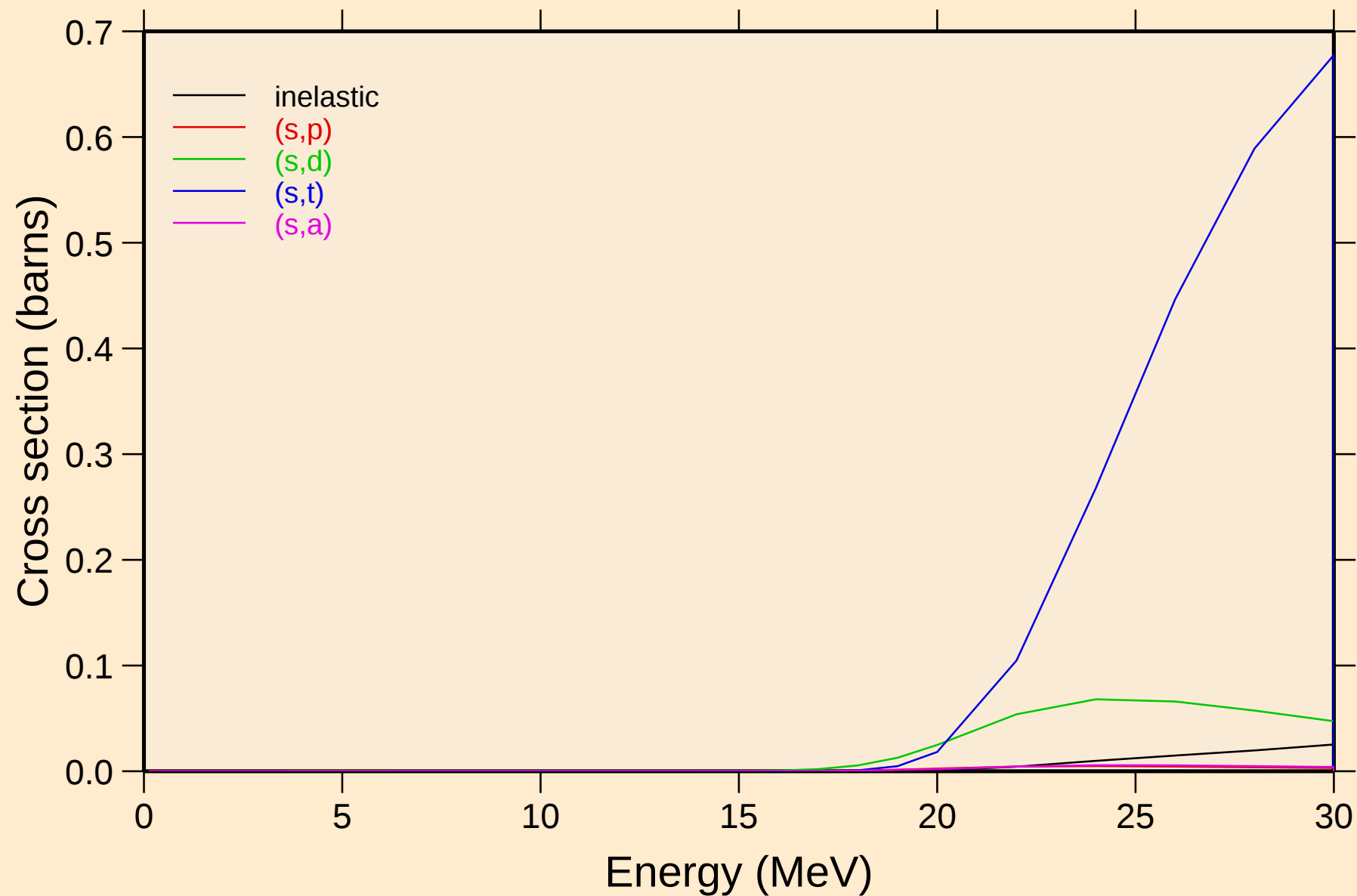


# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

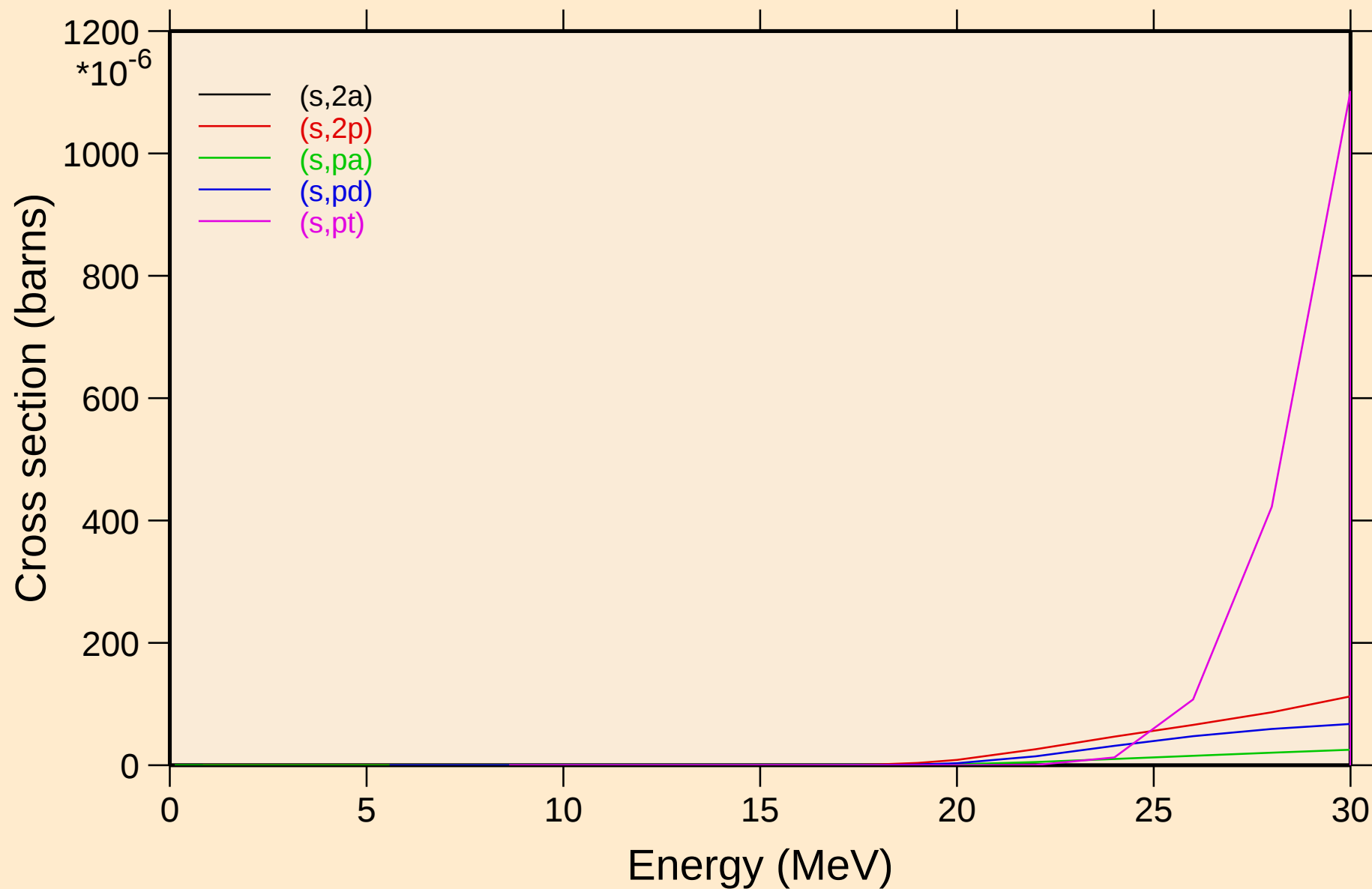


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



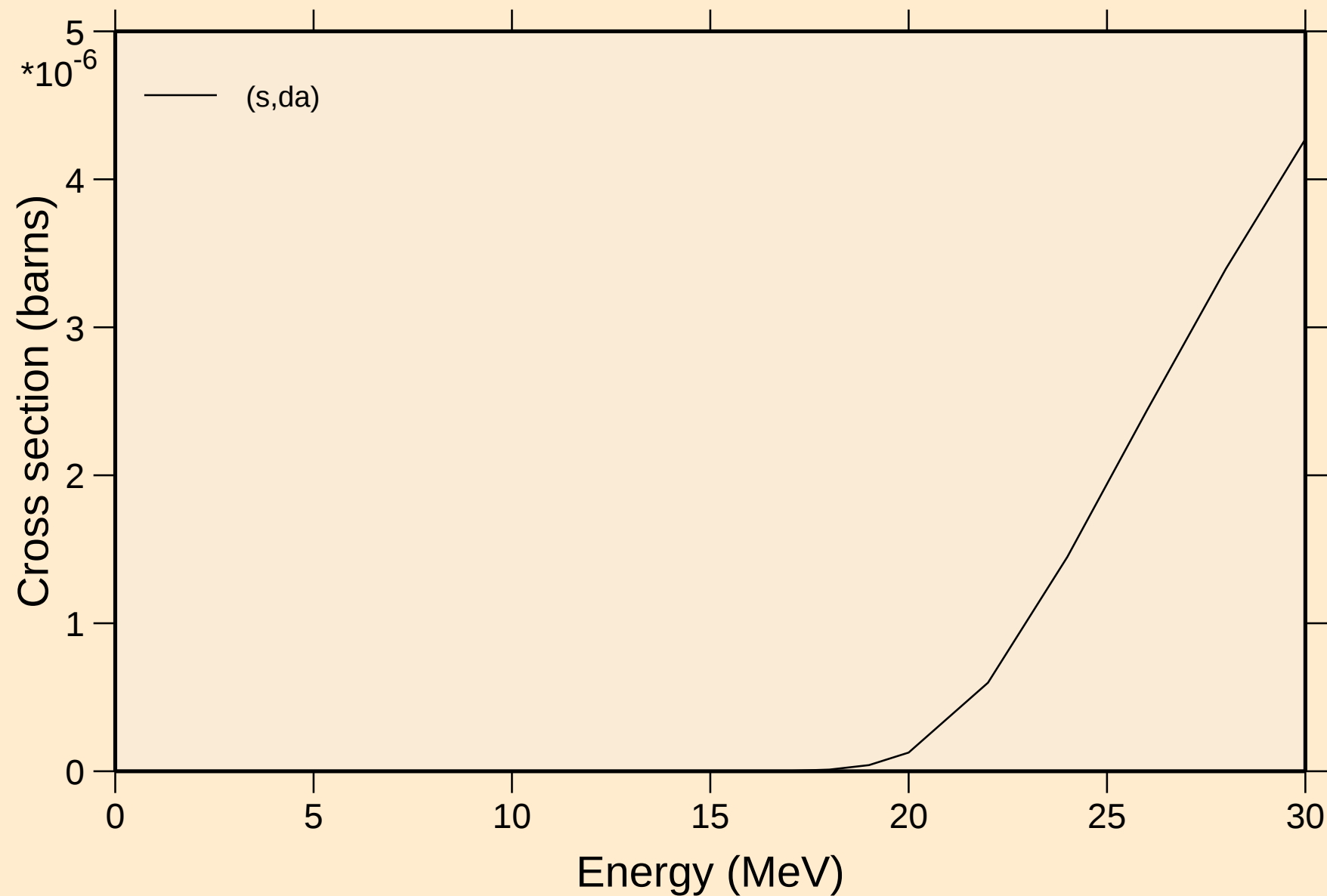
# PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

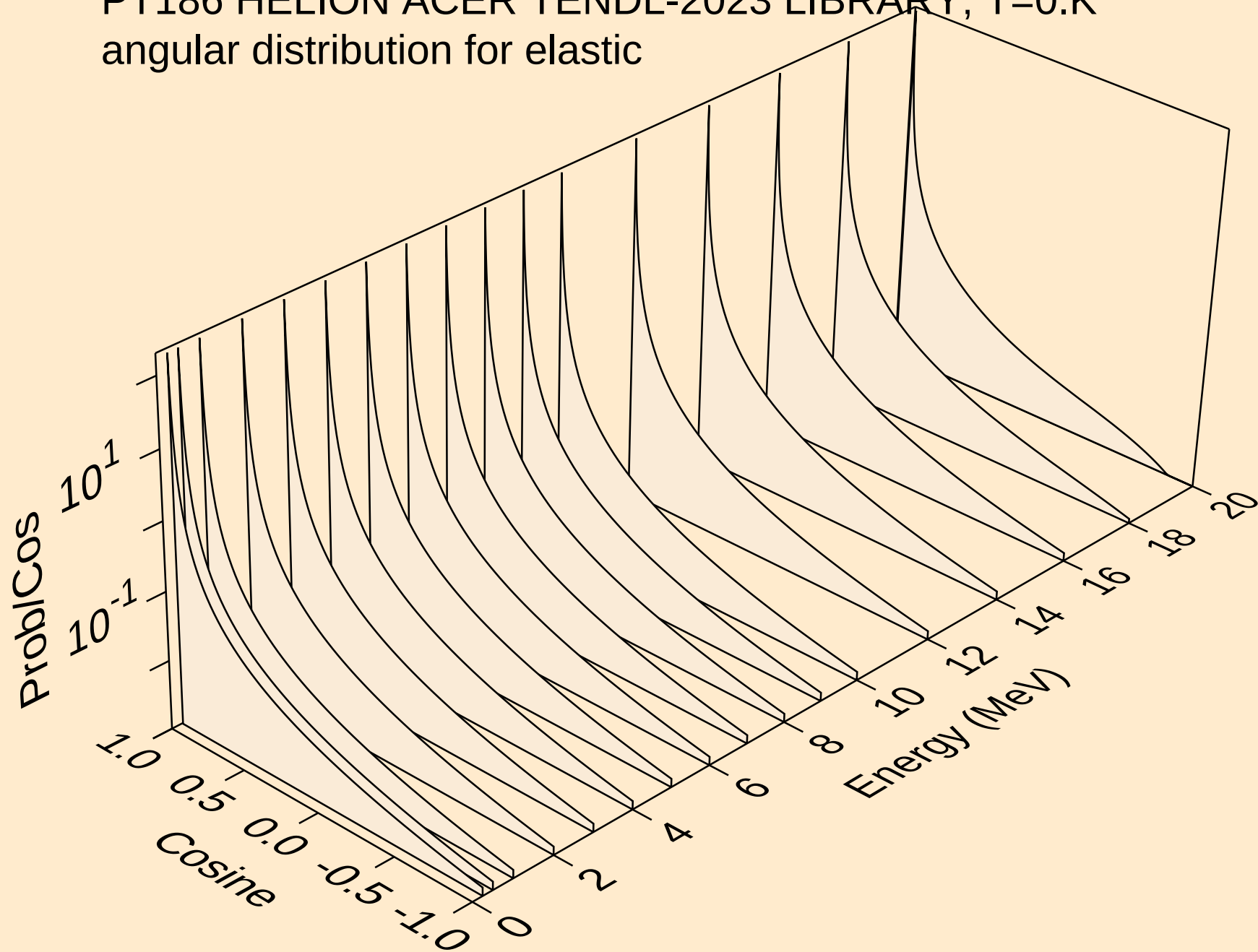


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

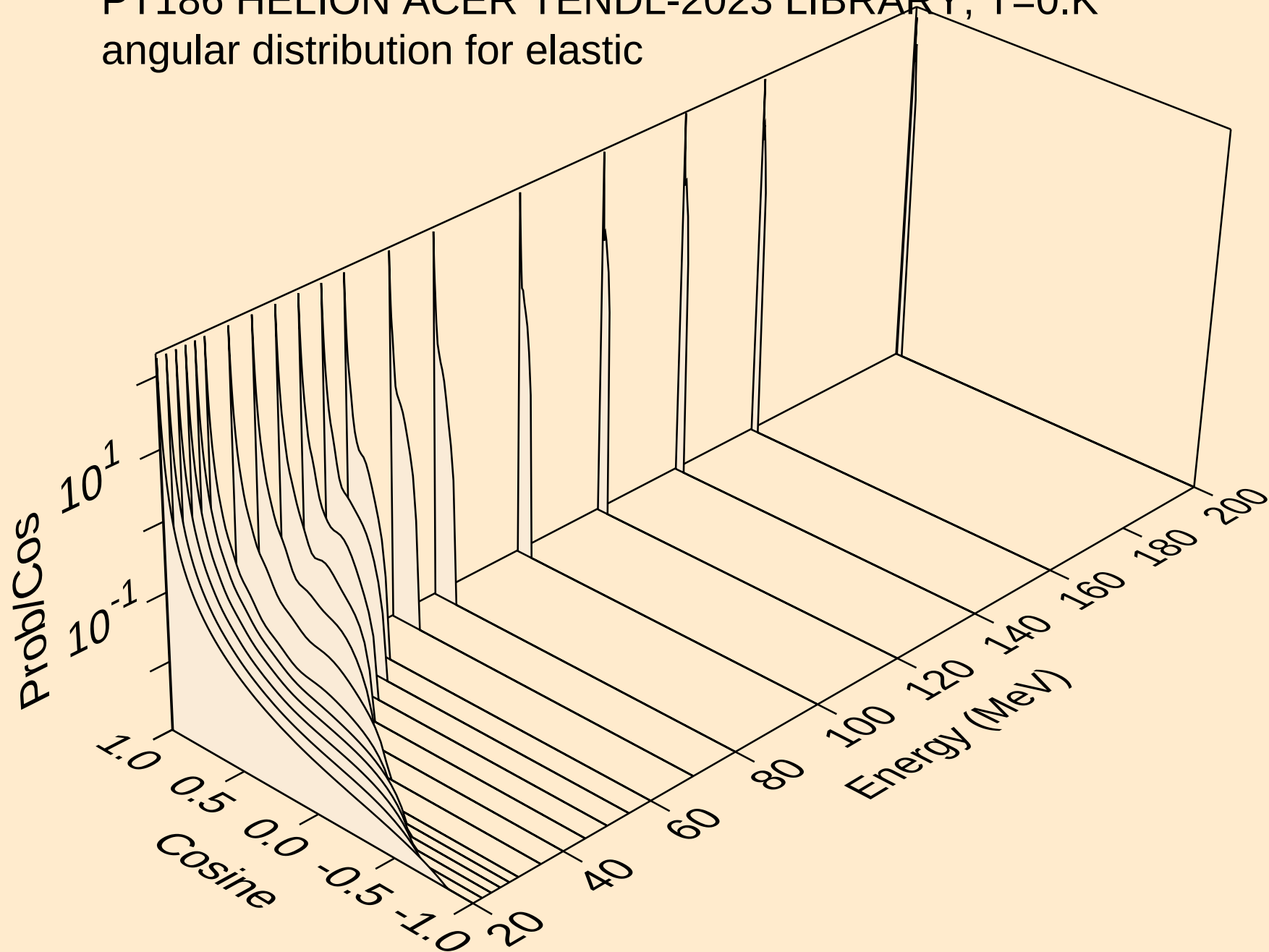
Threshold reactions



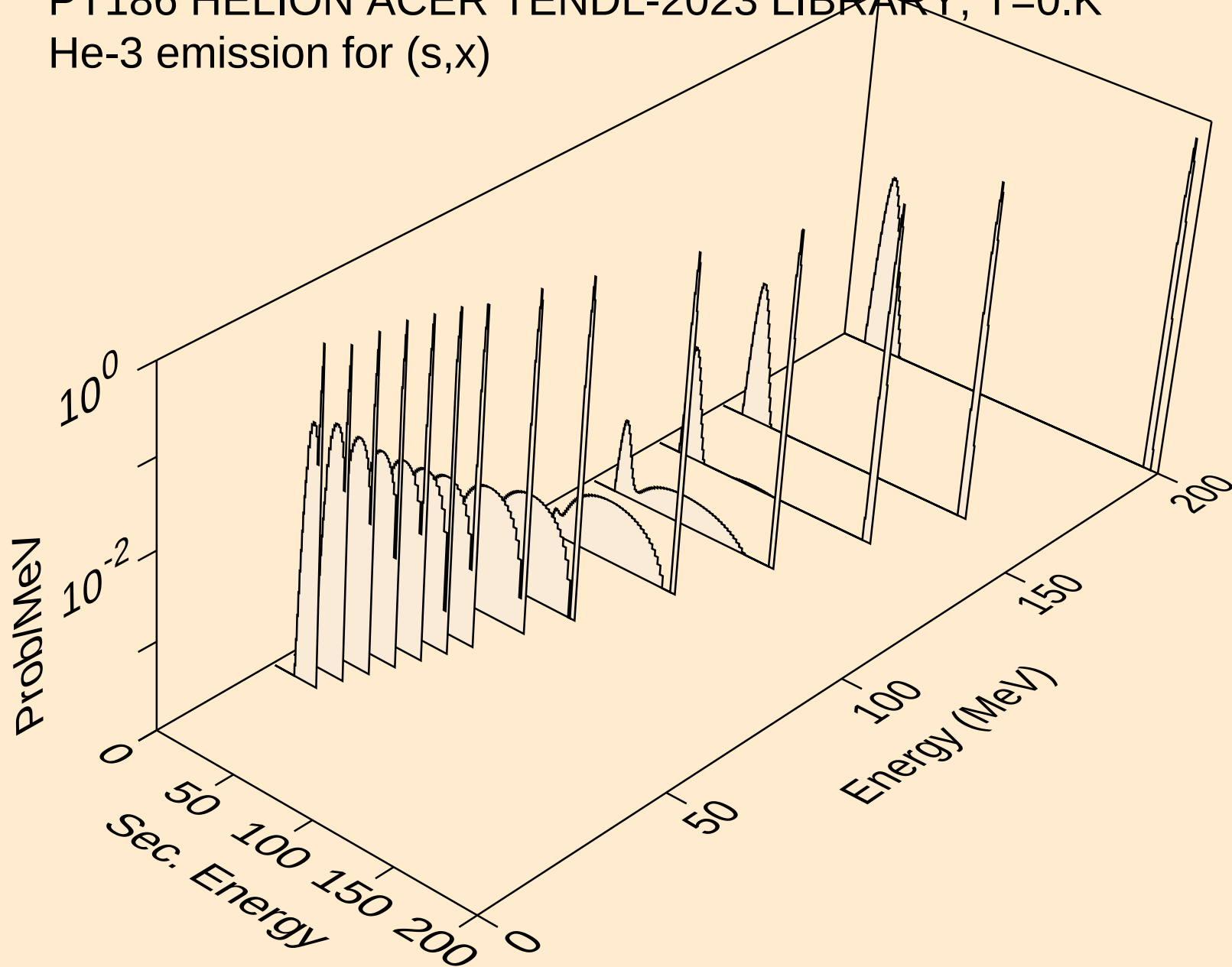
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



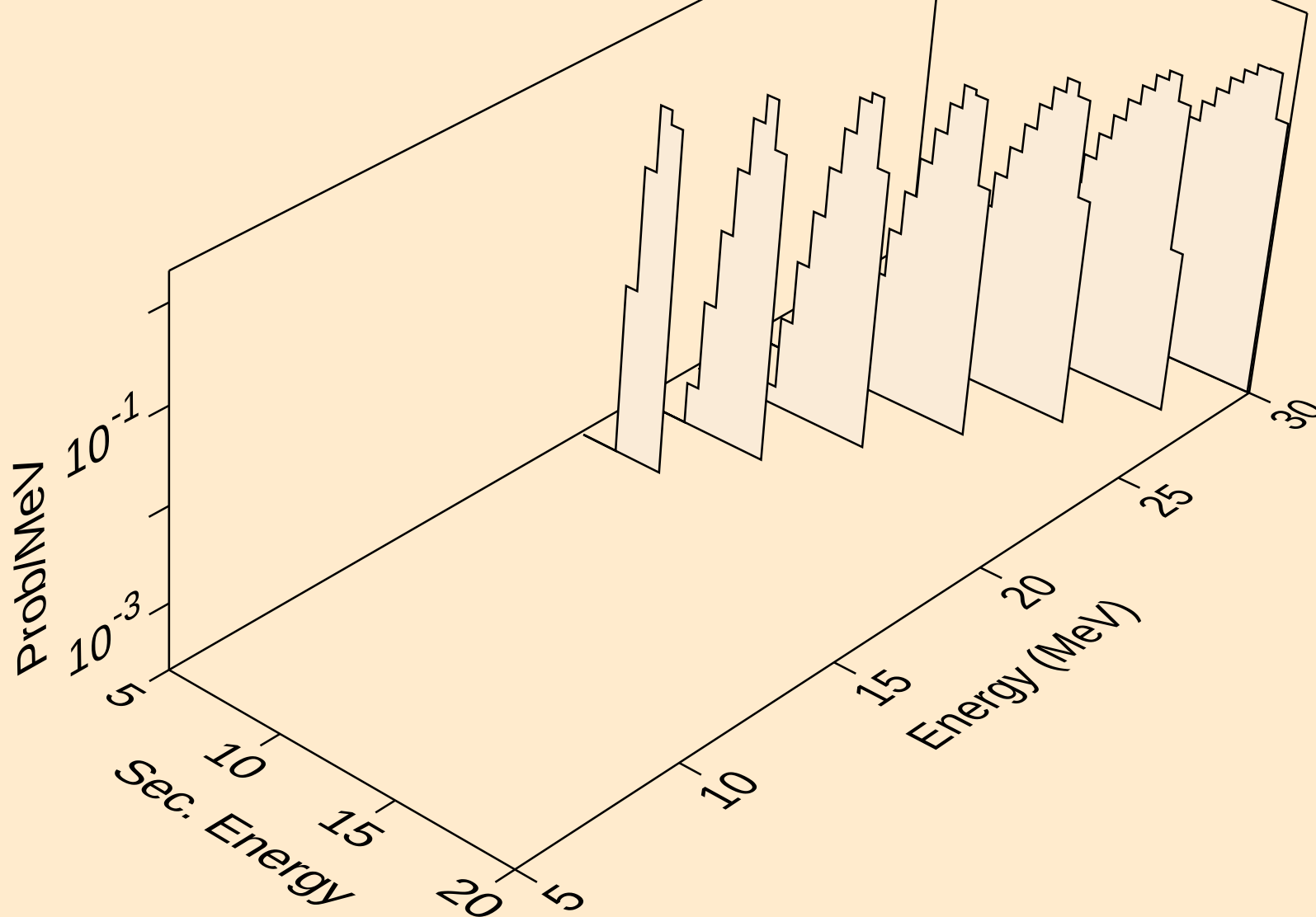
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



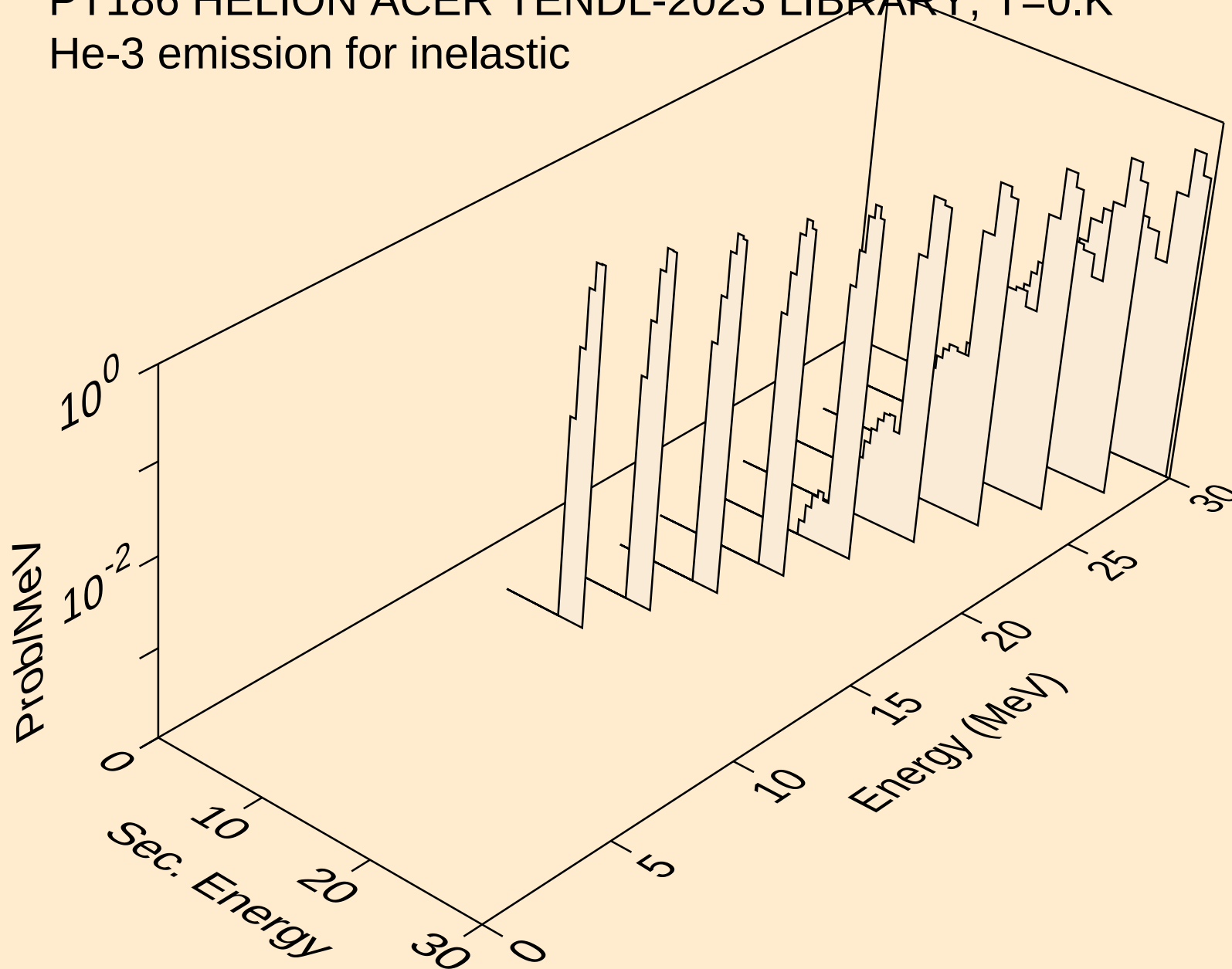
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



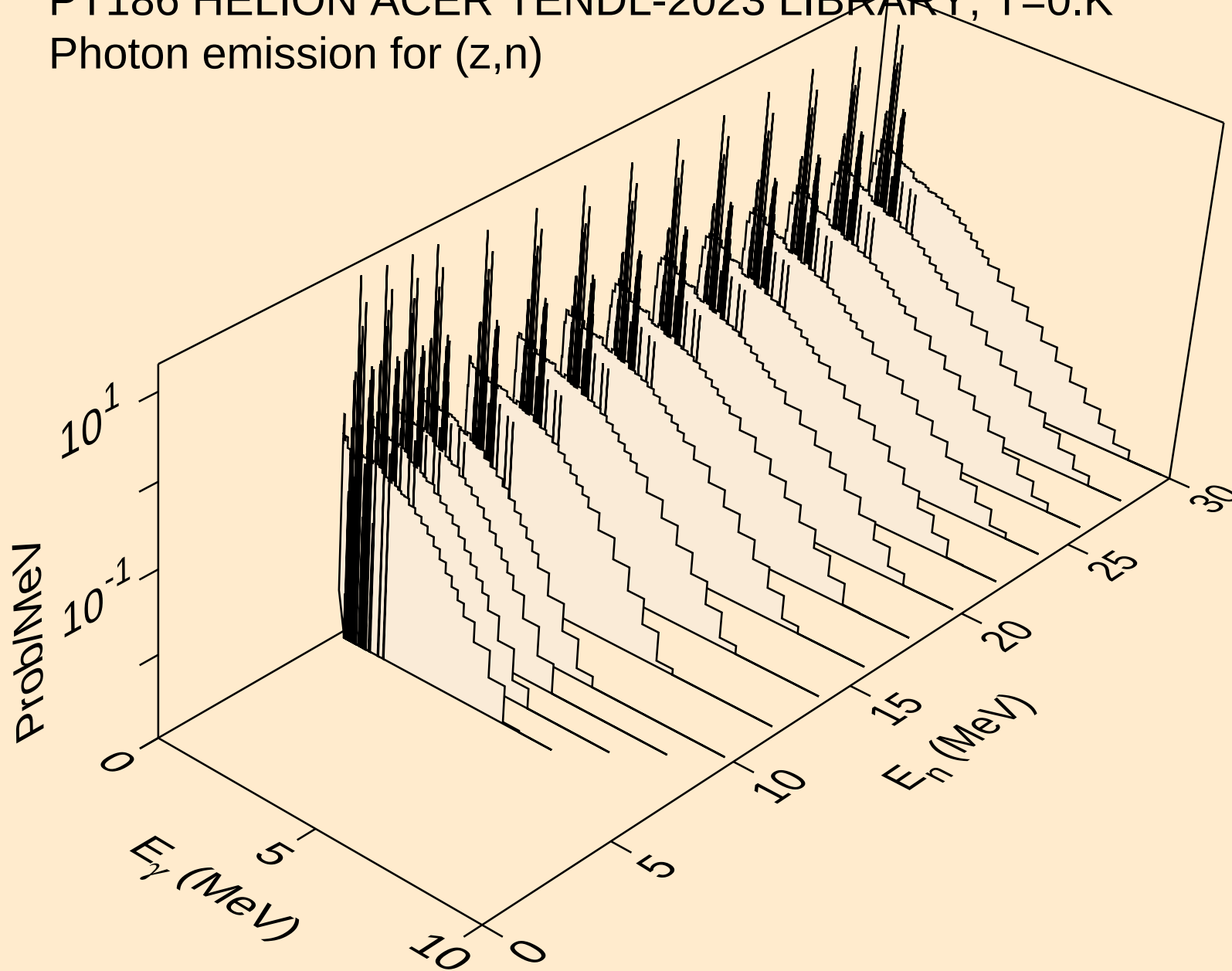
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

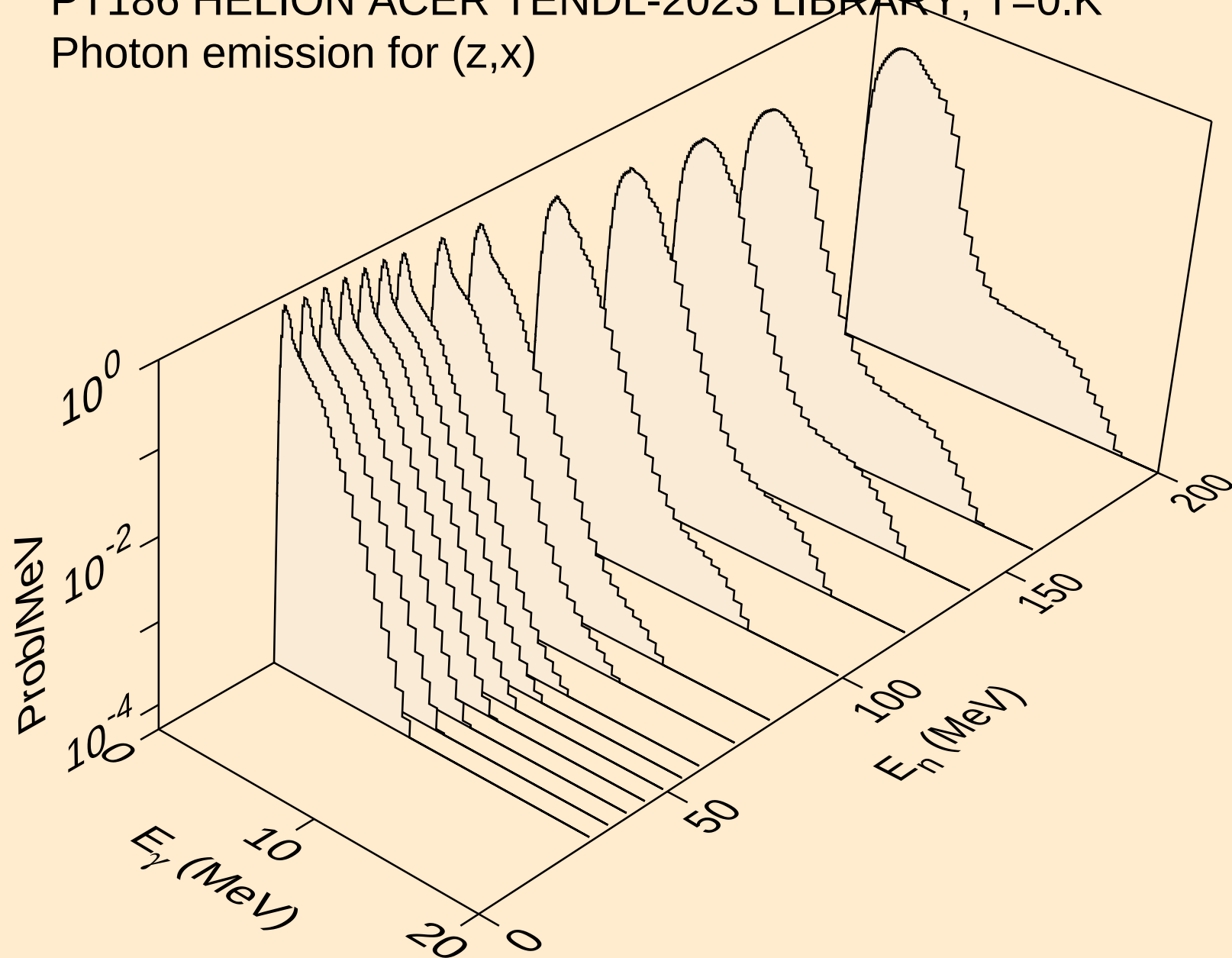


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

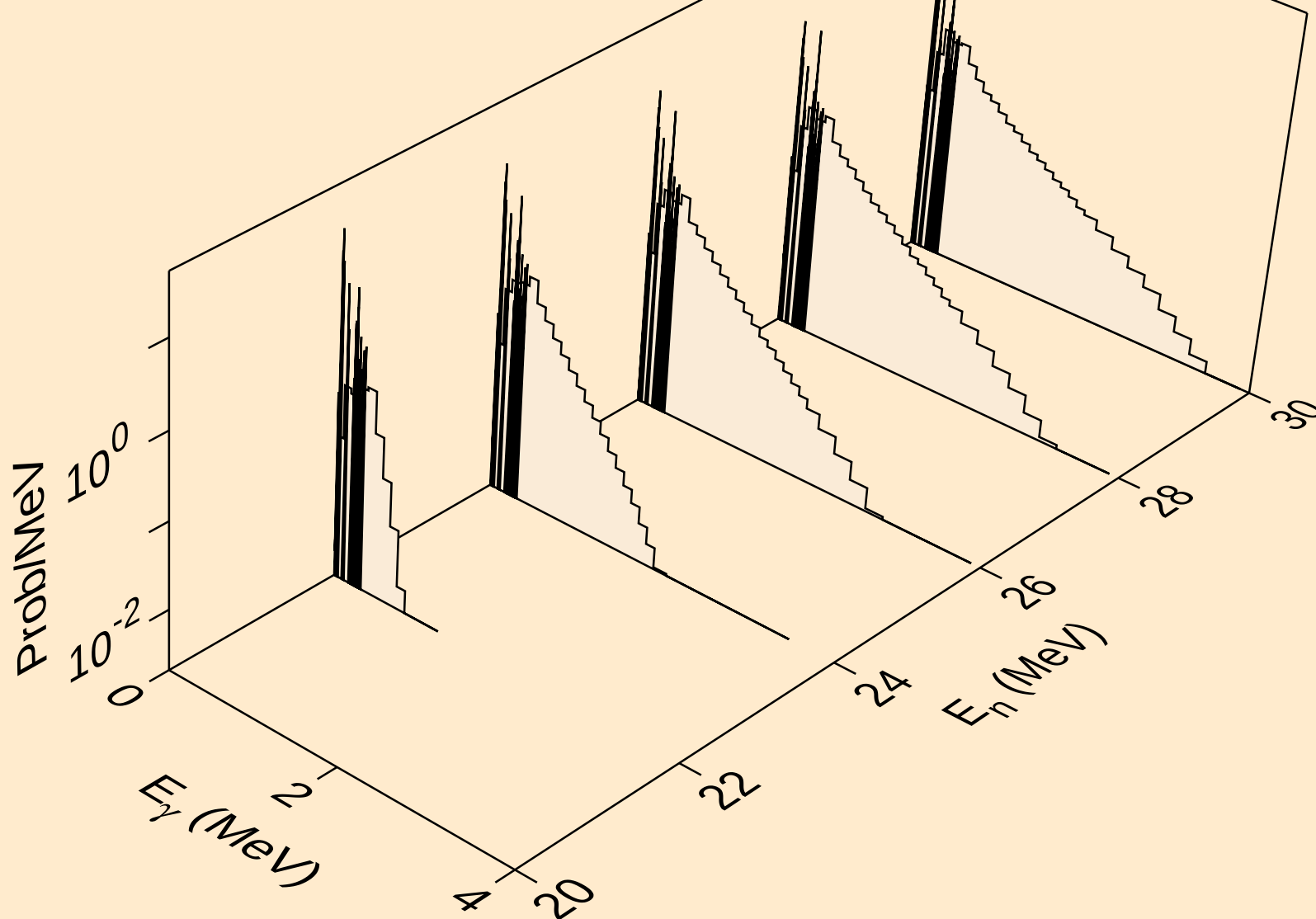


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

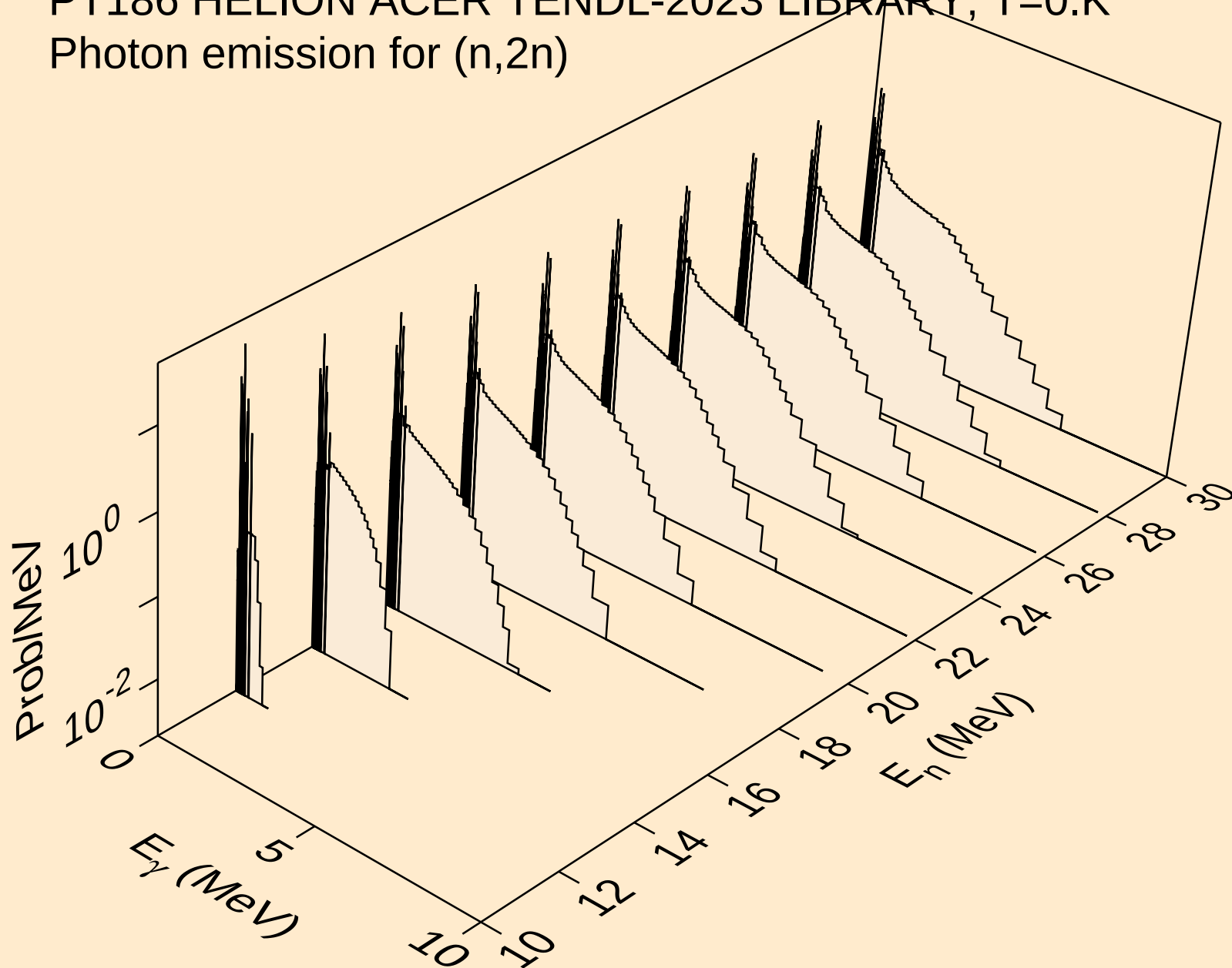
Photon emission for (z,x)



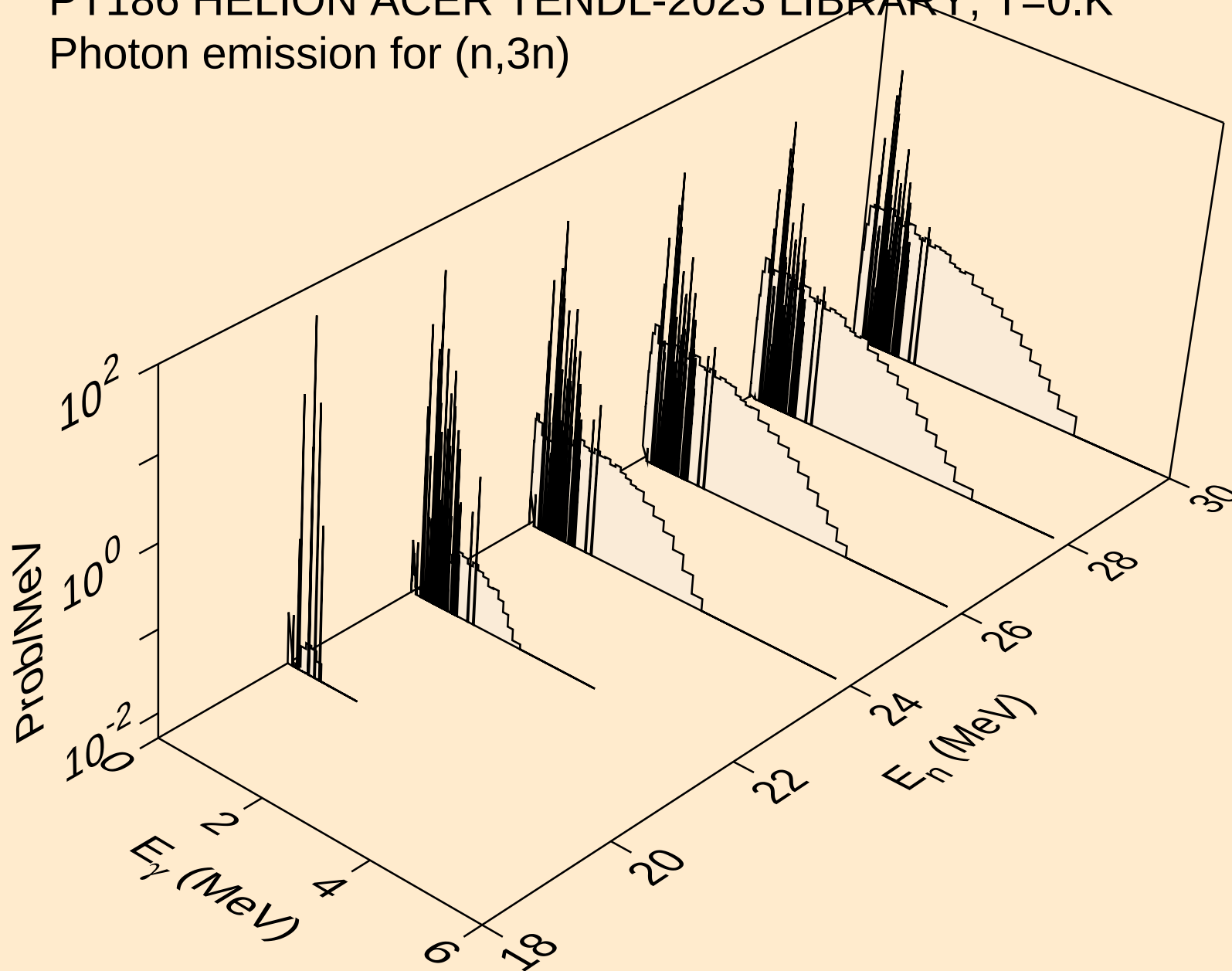
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



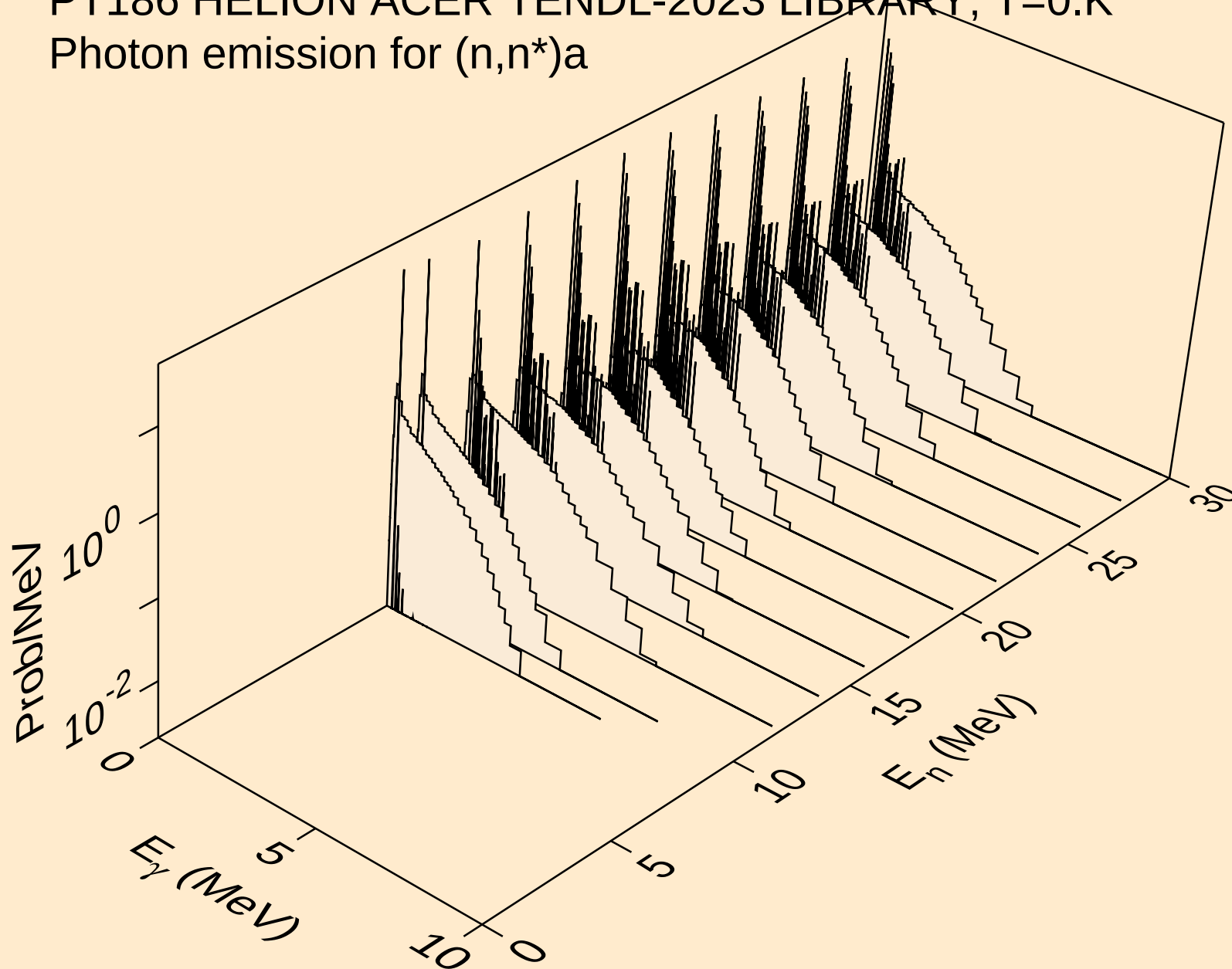
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



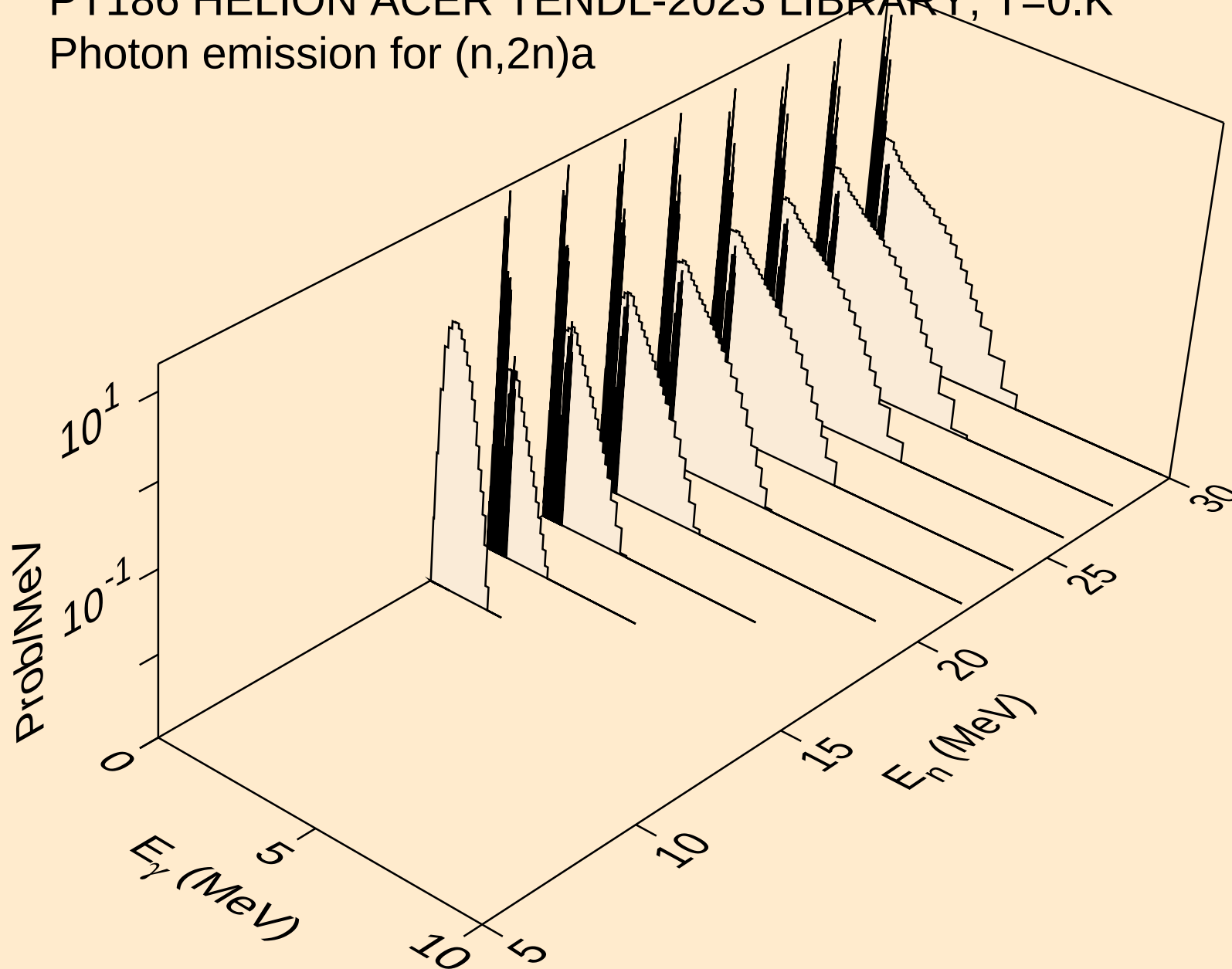
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

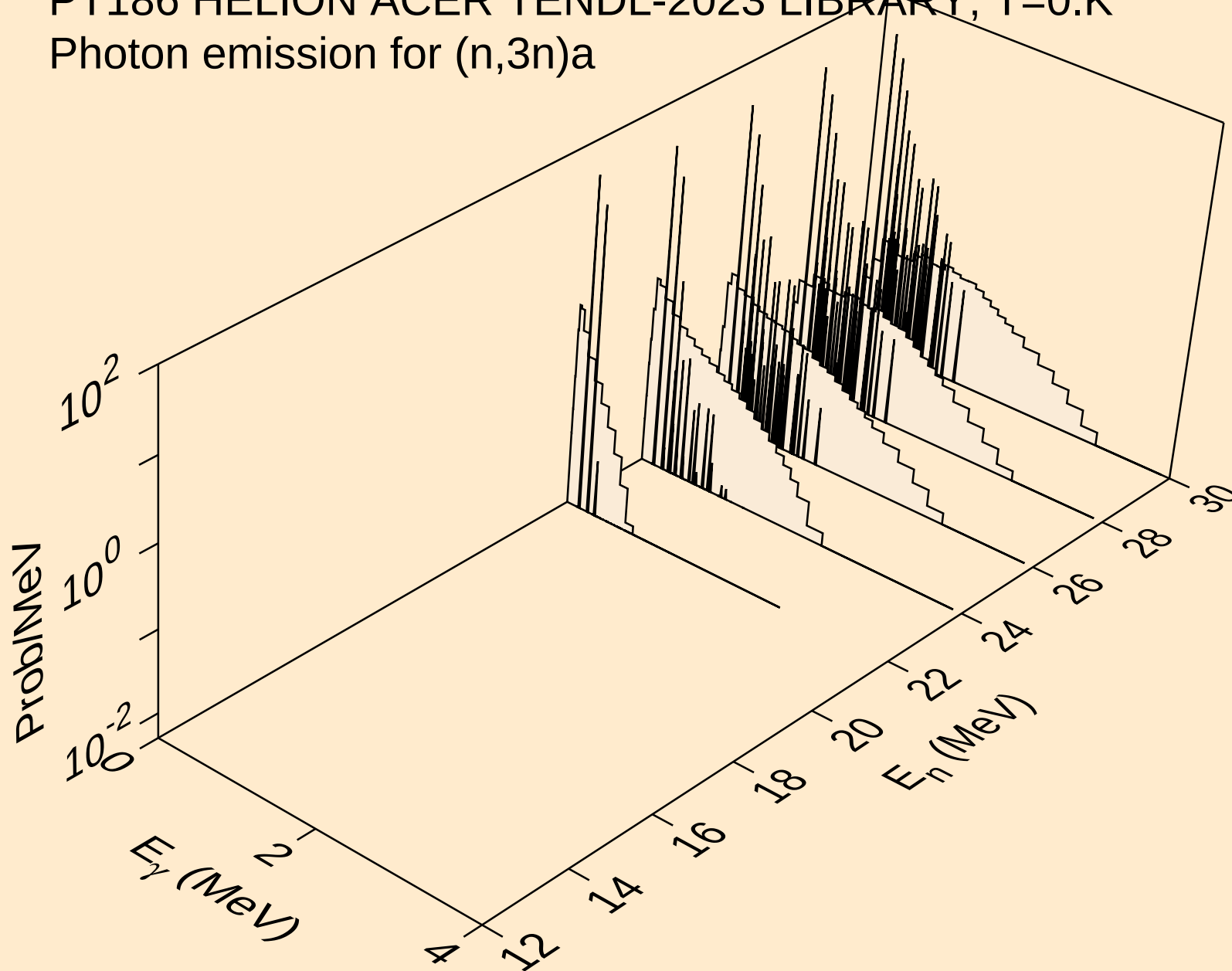


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

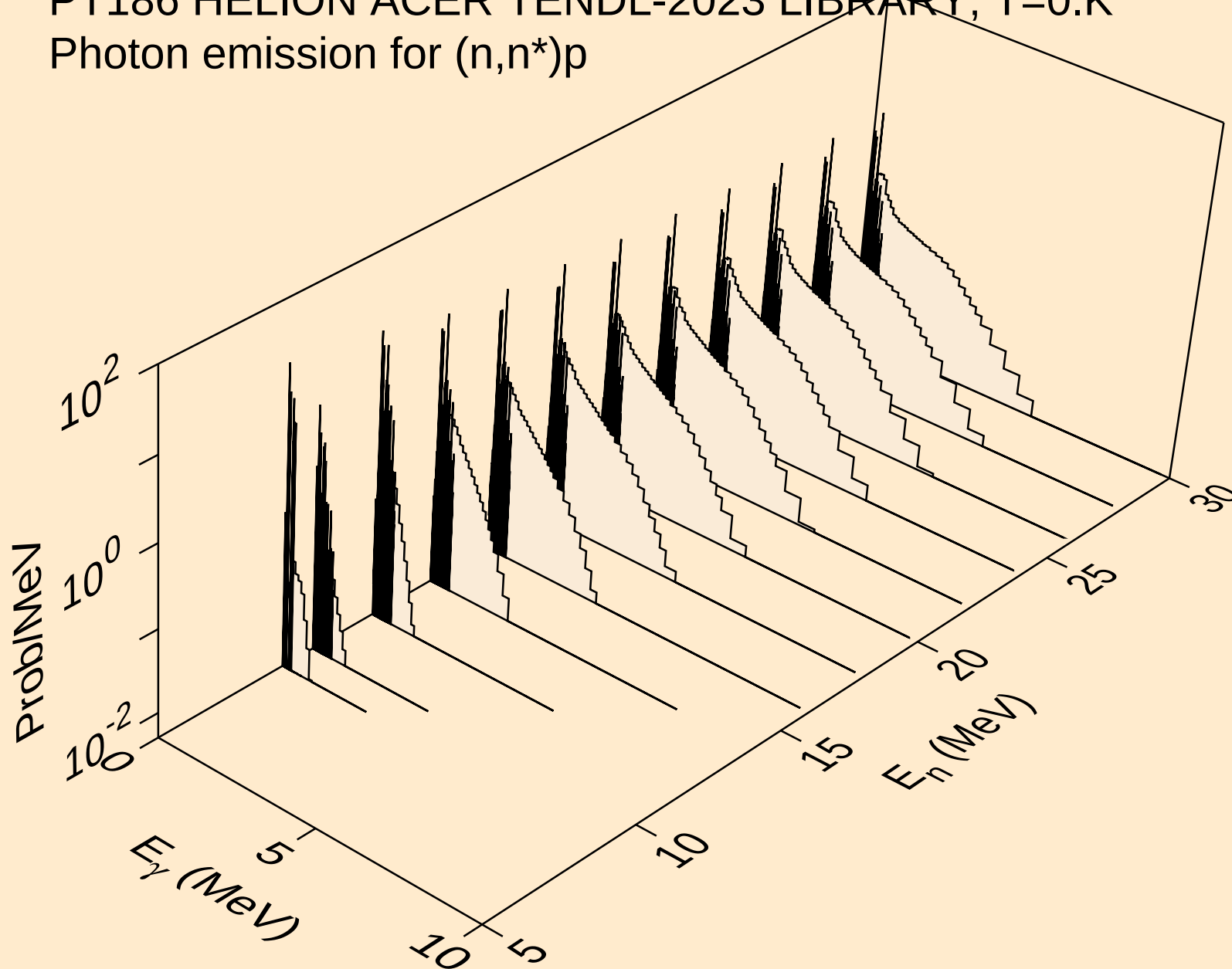


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

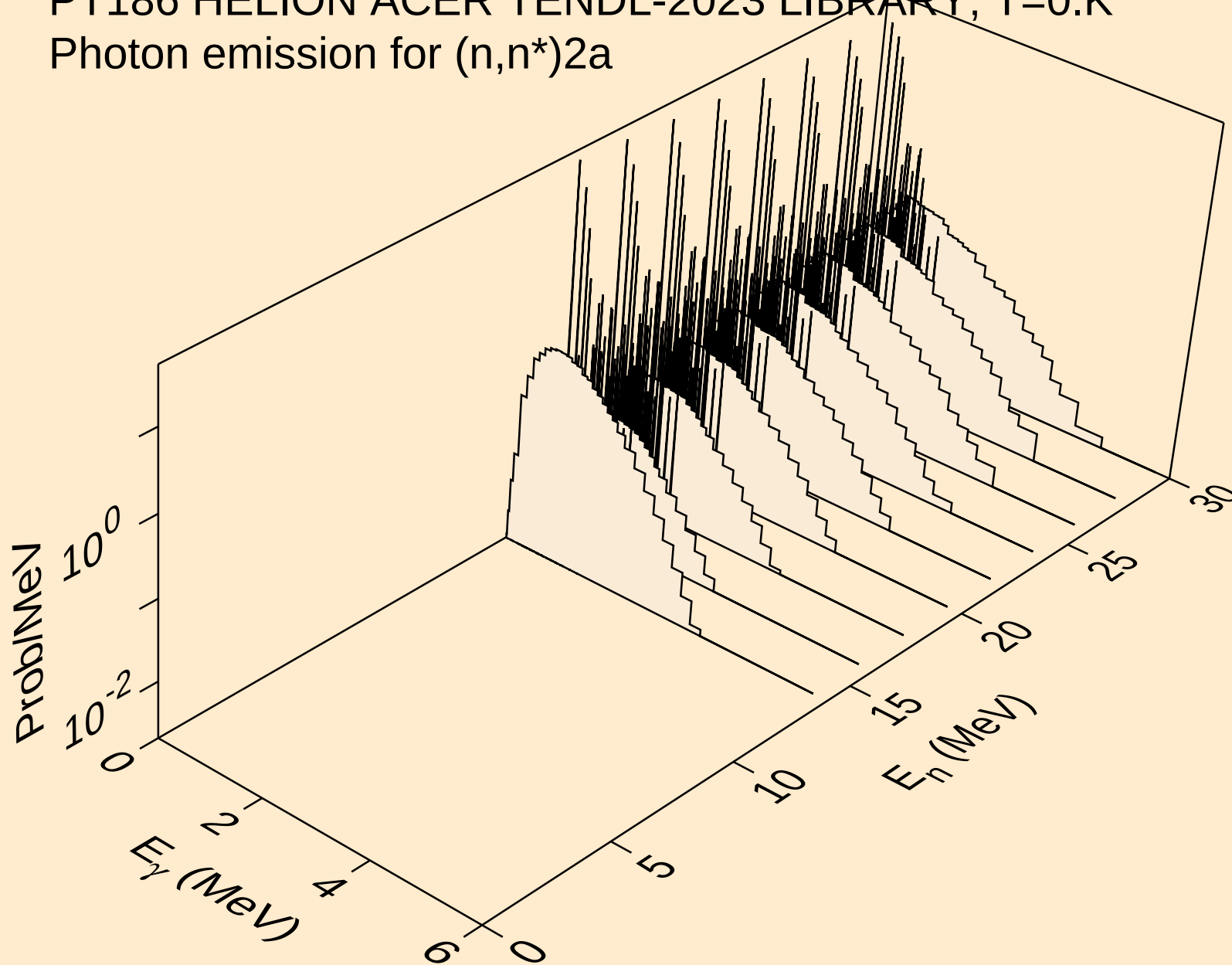
Photon emission for (n,3n) $\alpha$



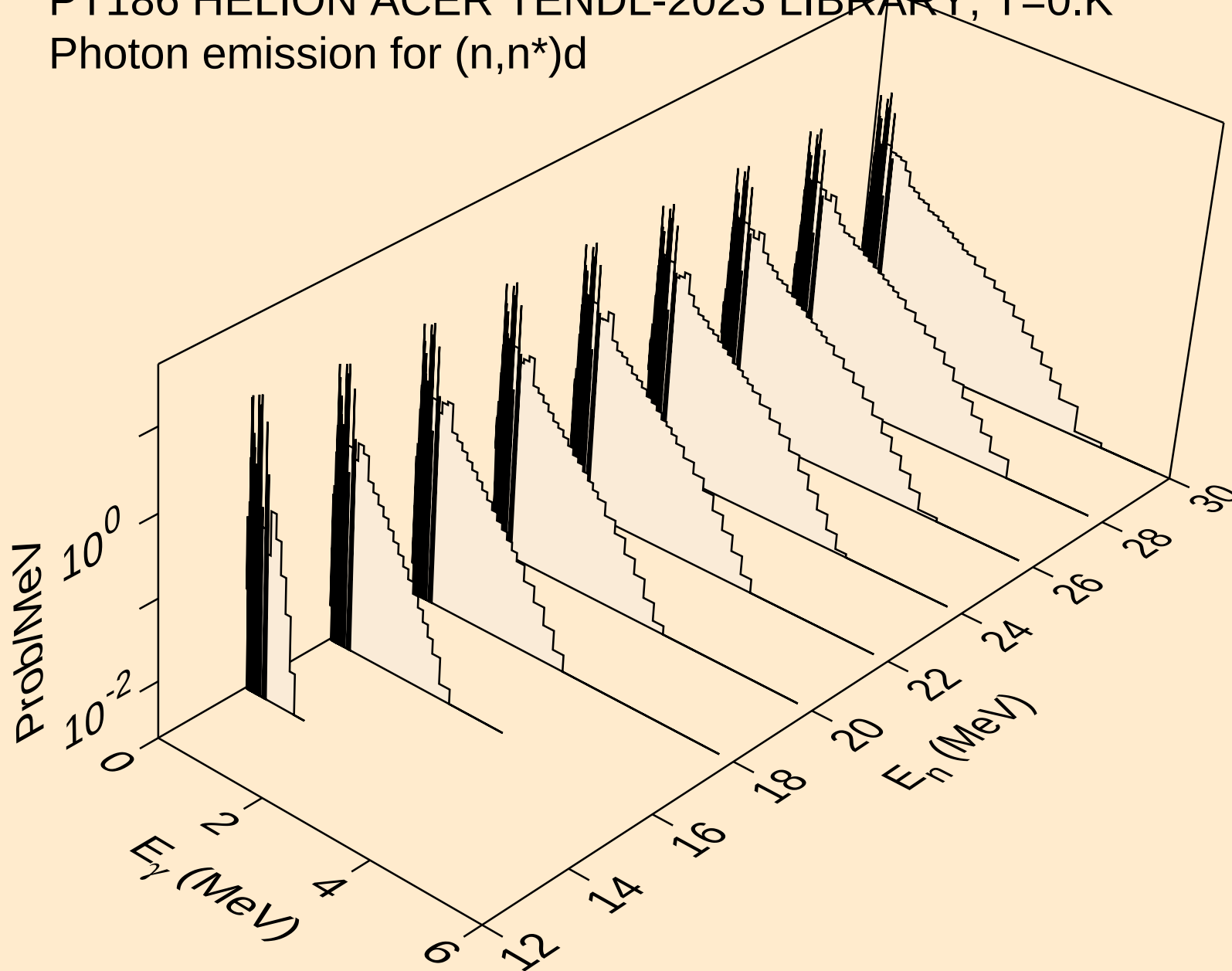
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

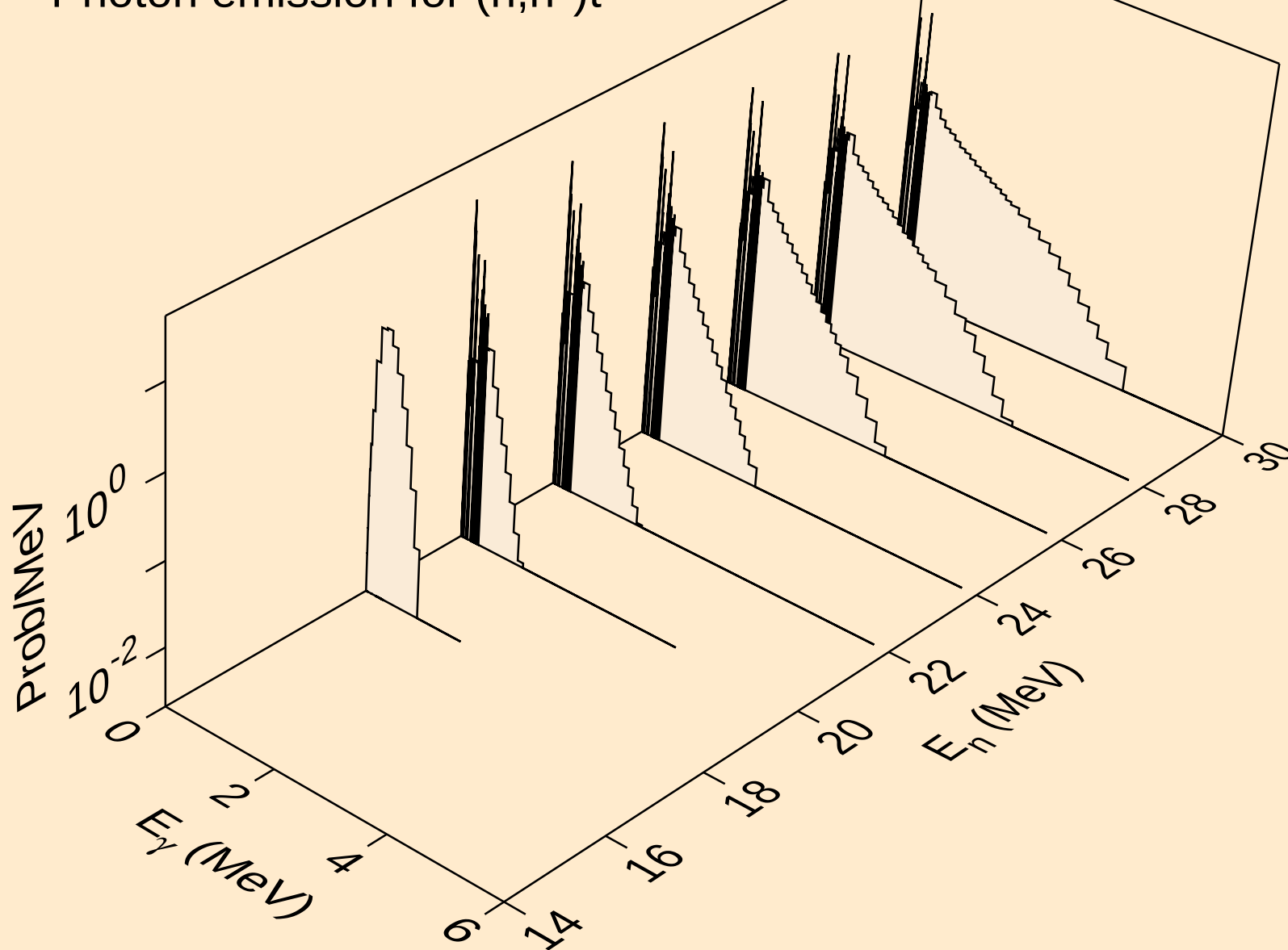


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

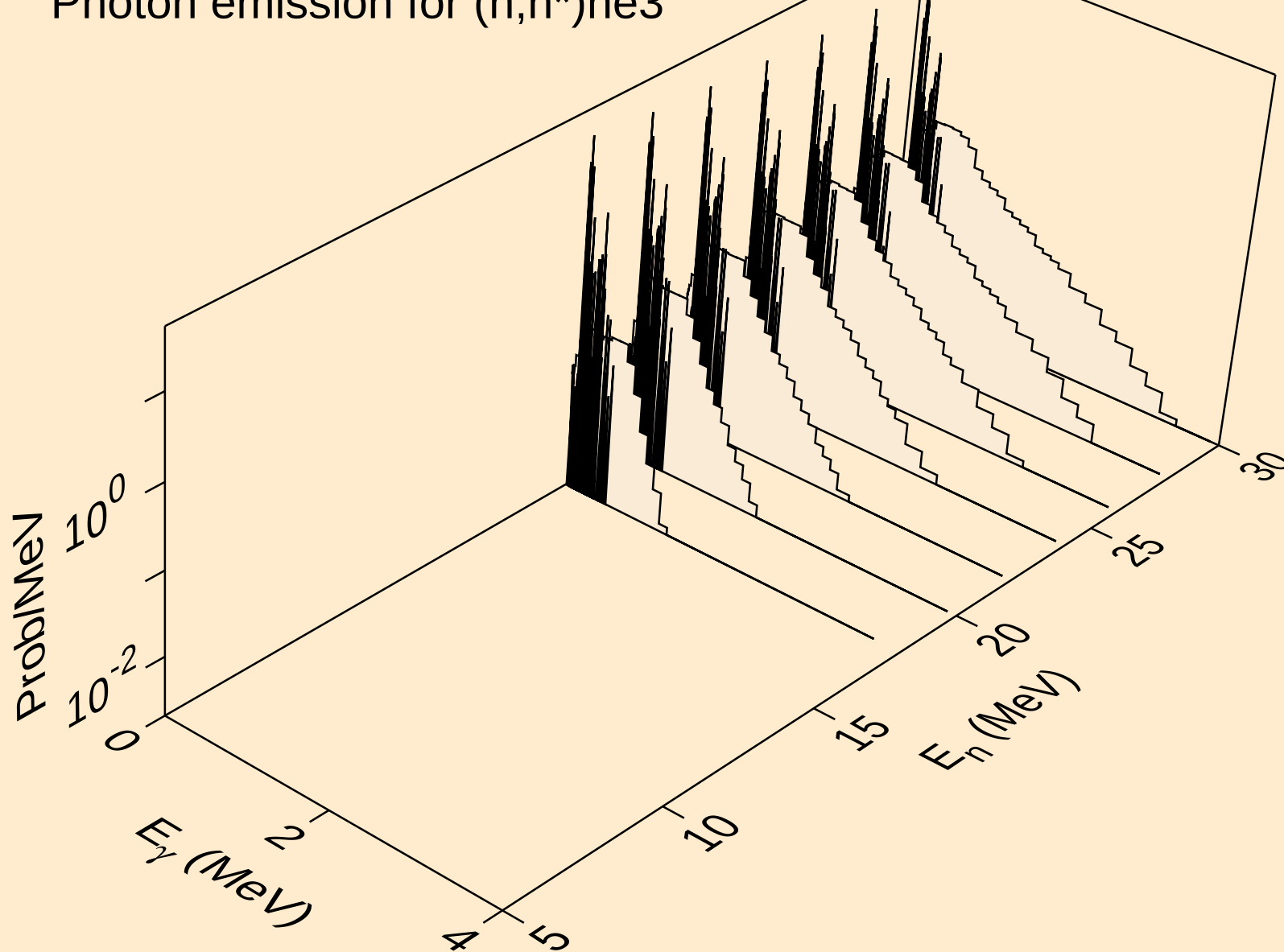


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

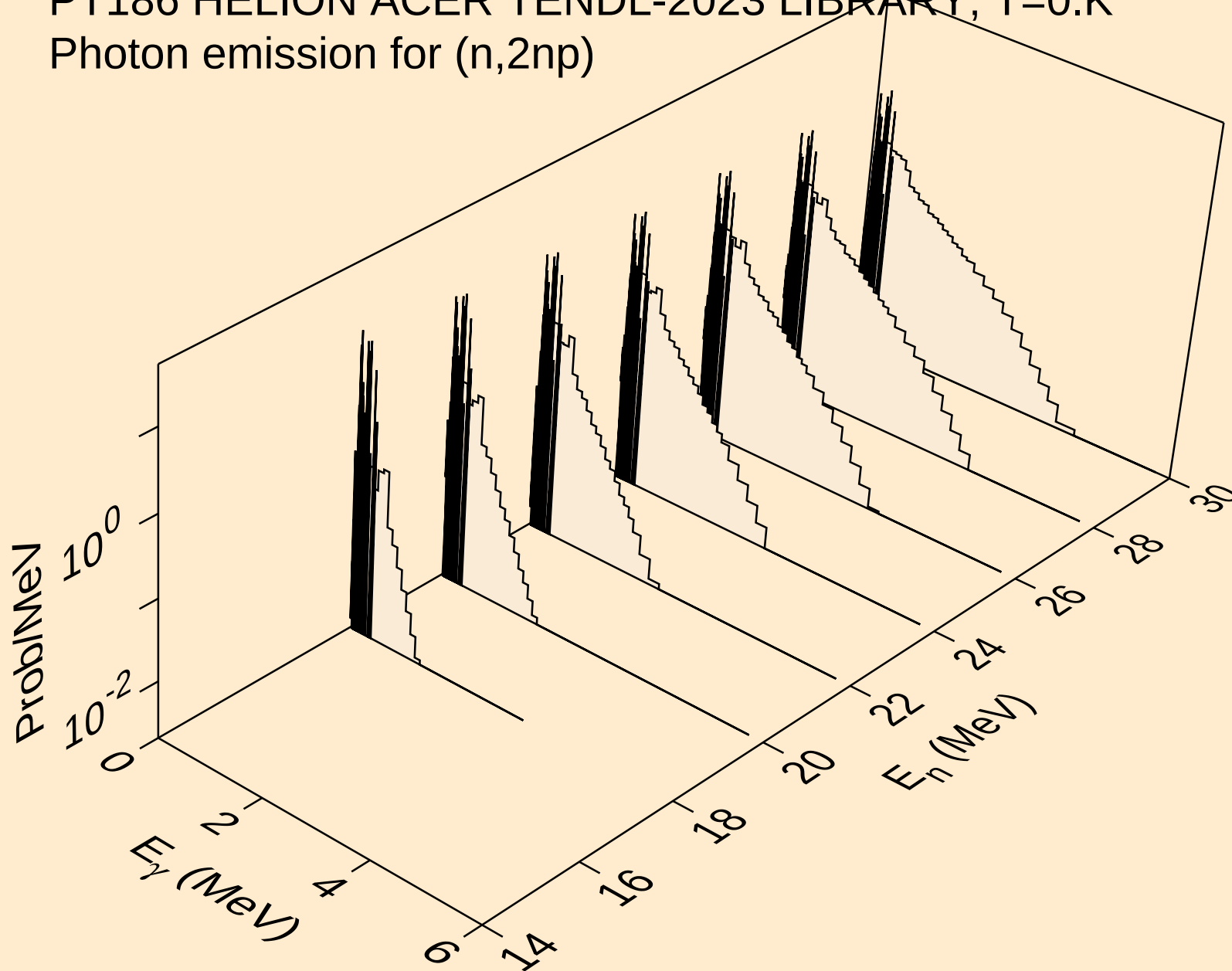
Photon emission for (n,n\*)t



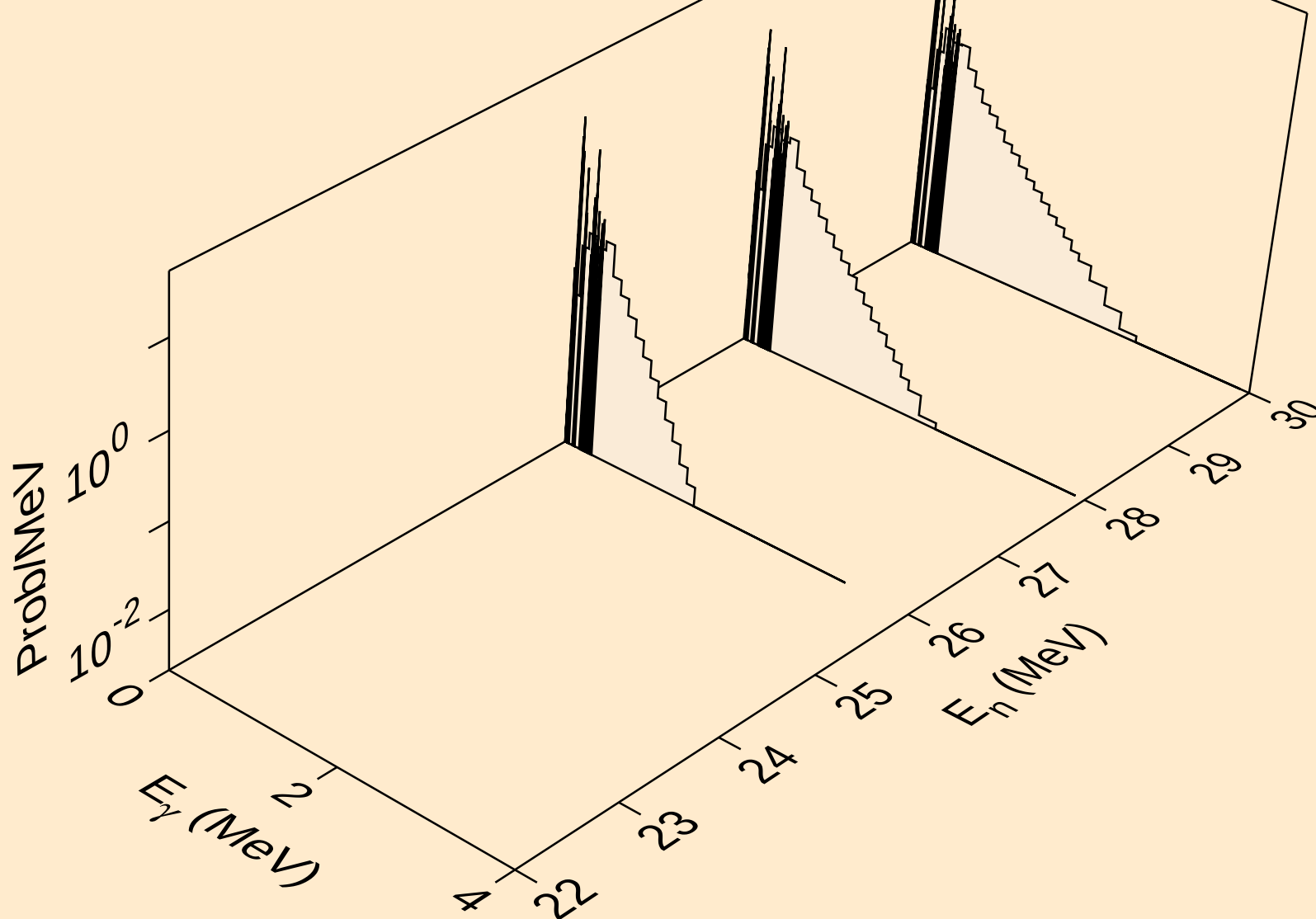
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



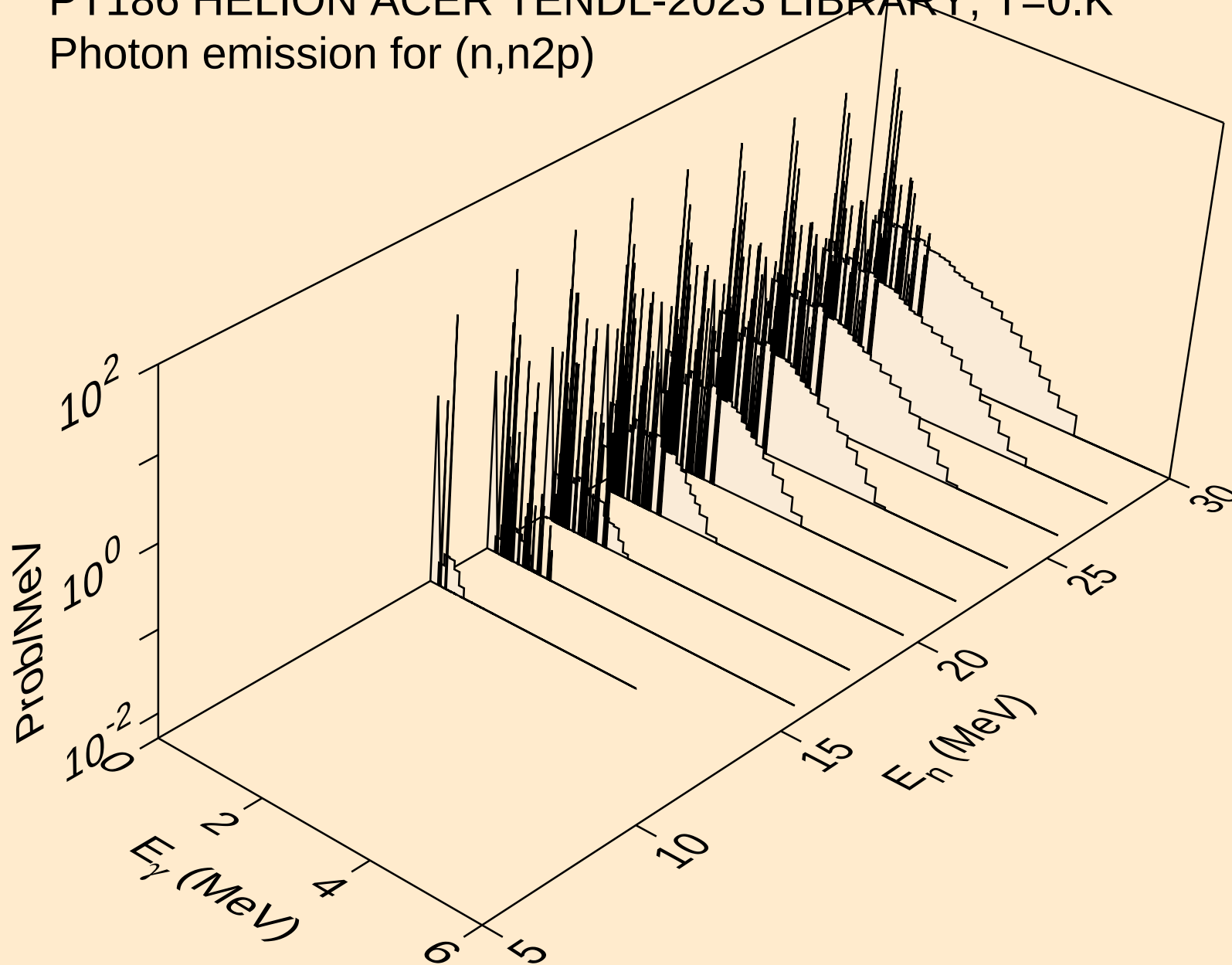
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



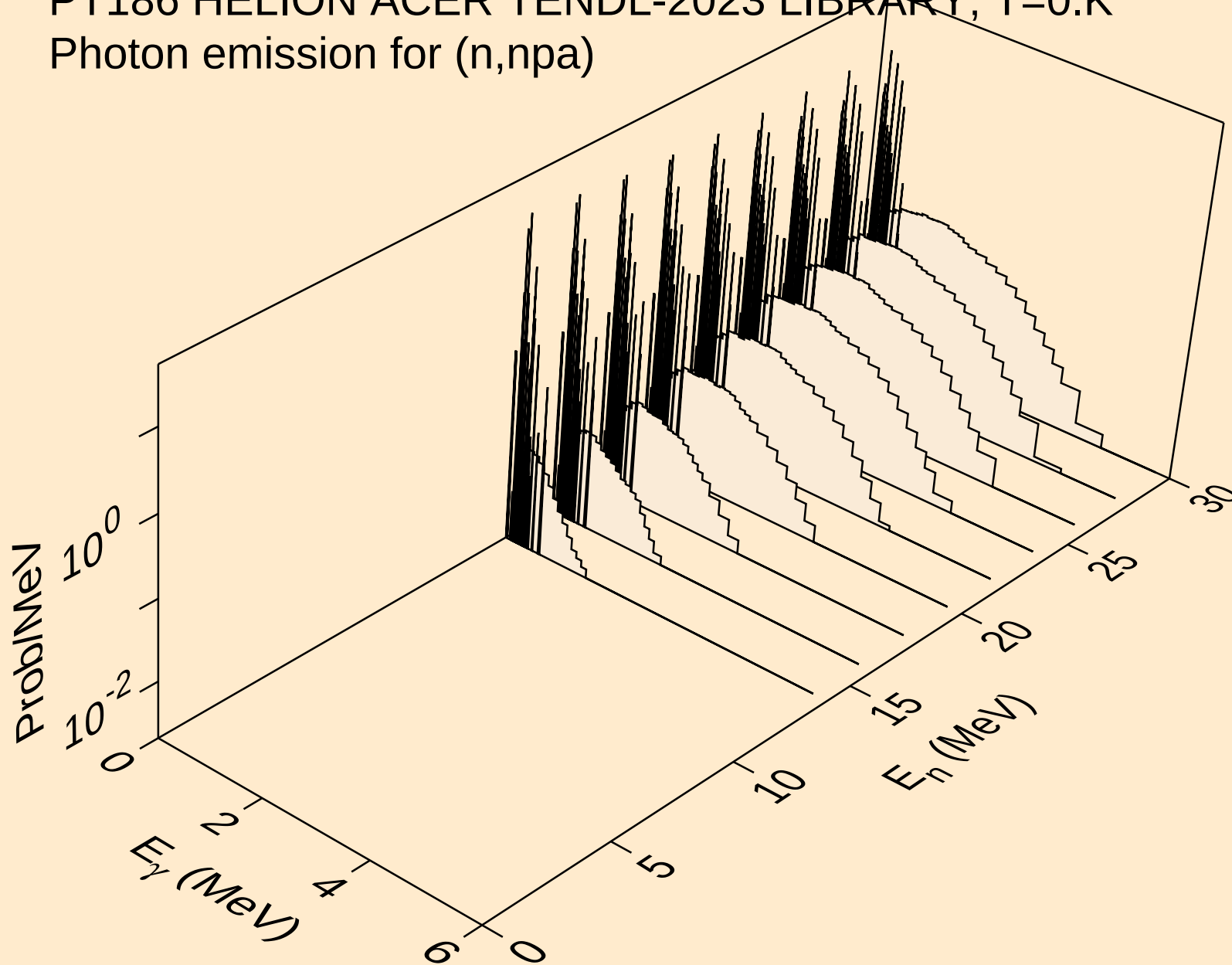
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



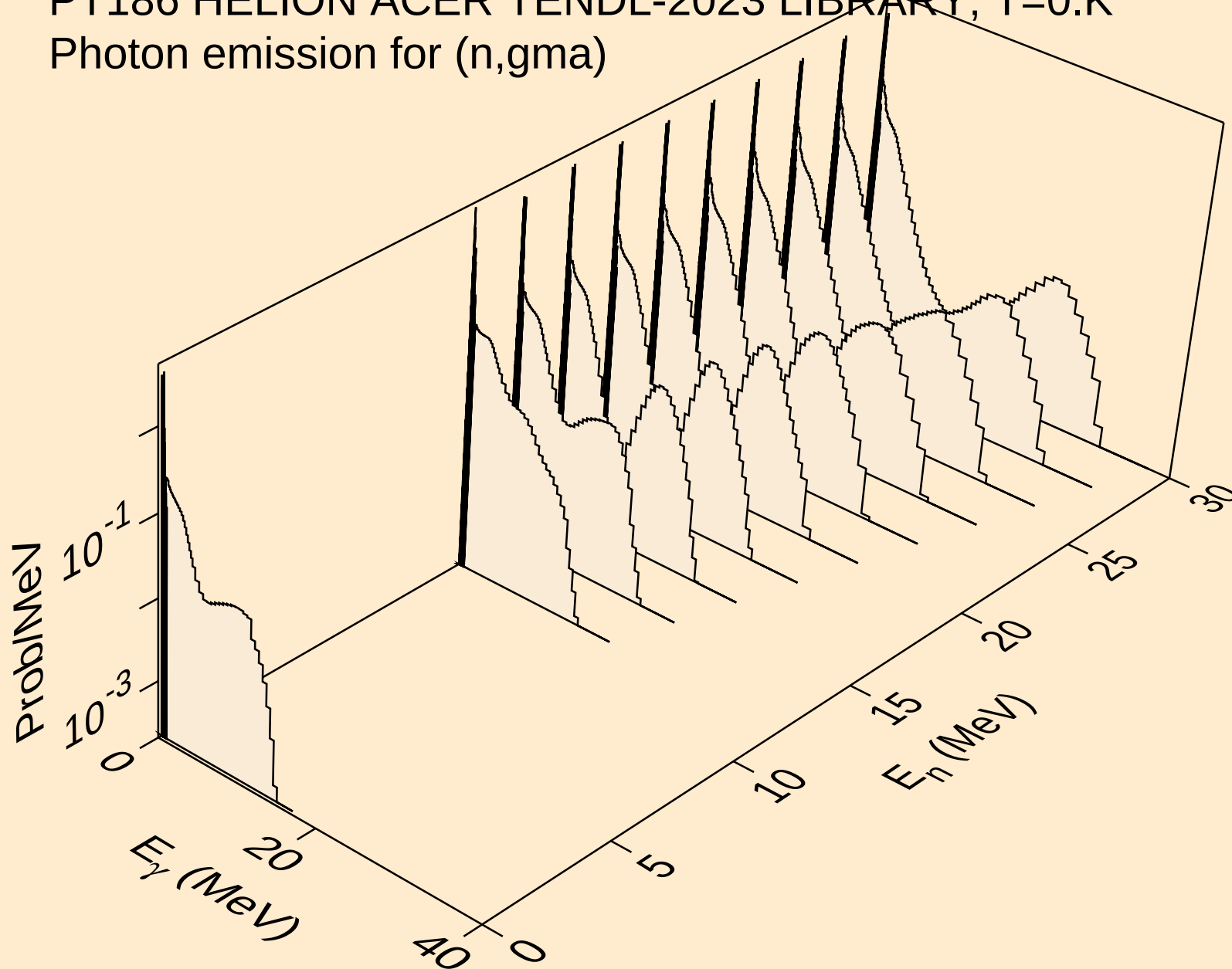
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Photon emission for (n,n2p)



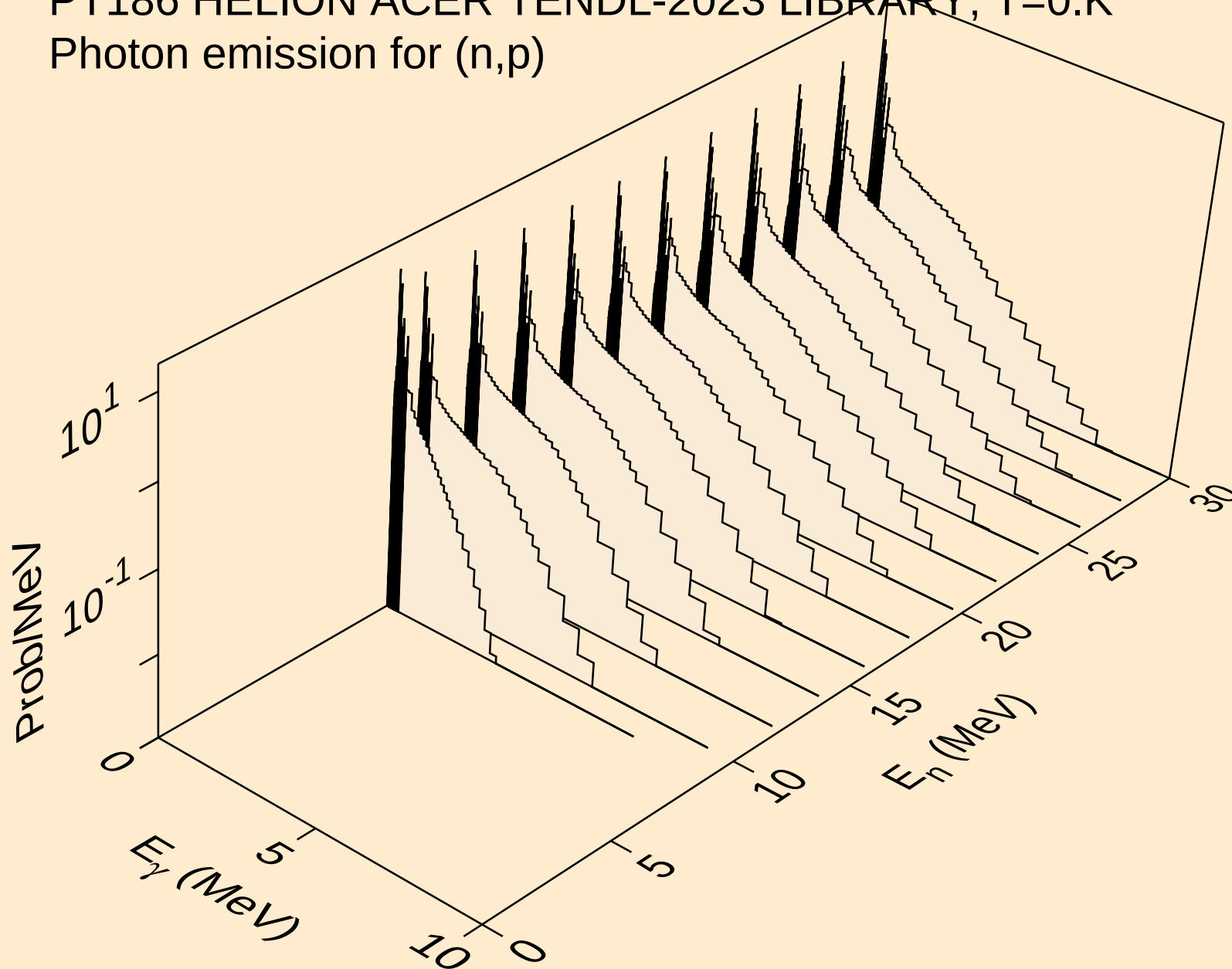
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



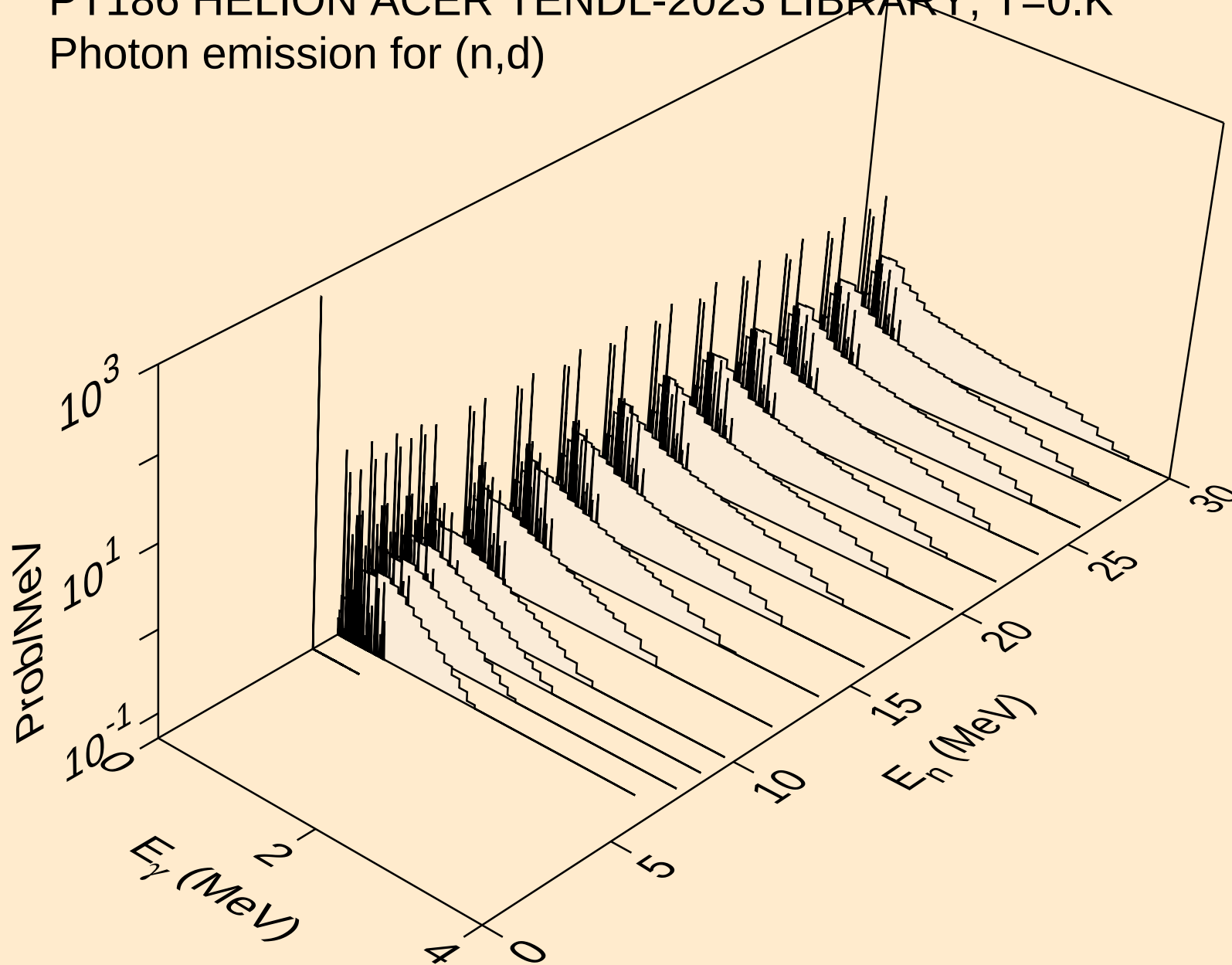
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Photon emission for (n,gma)



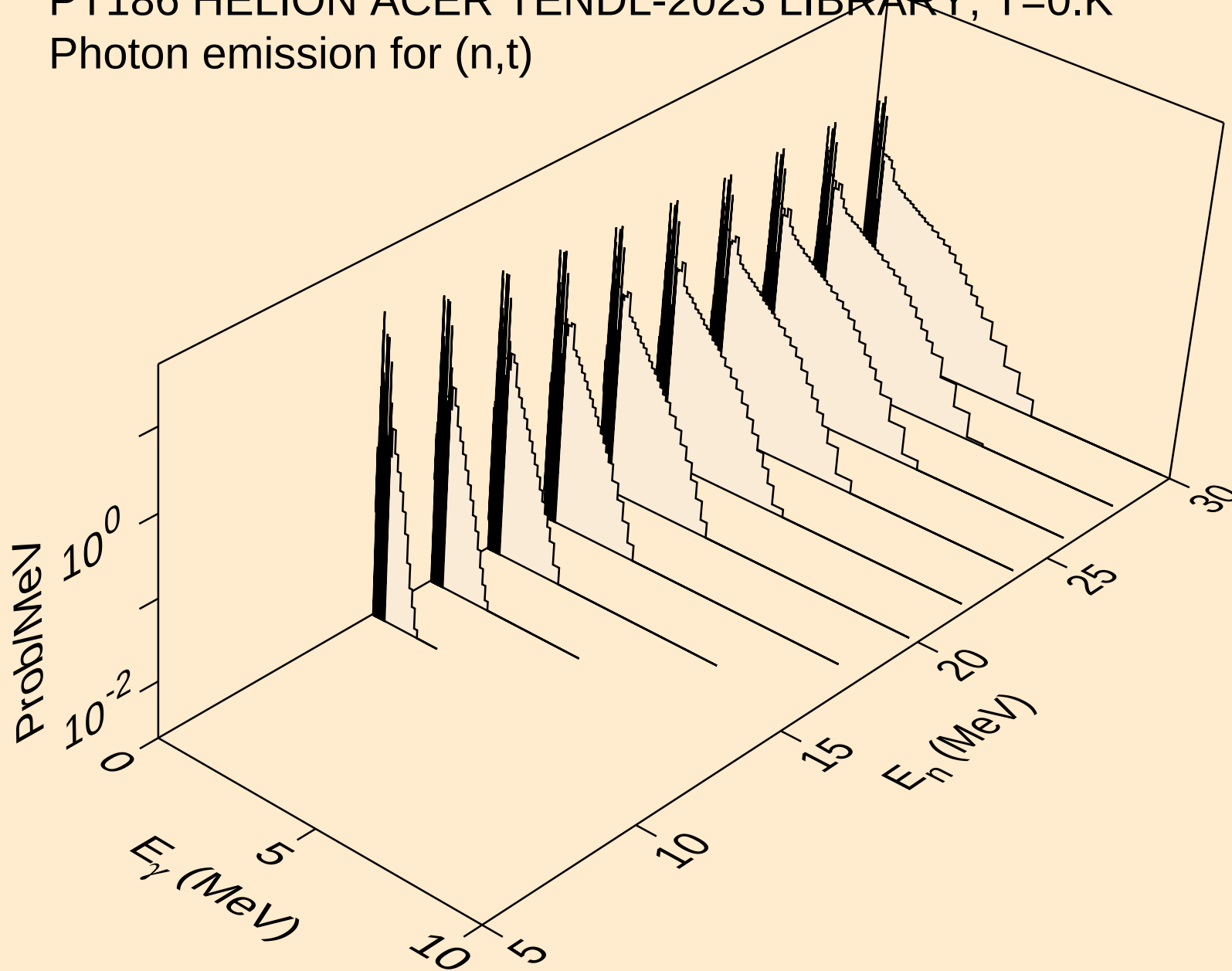
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Photon emission for (n,p)



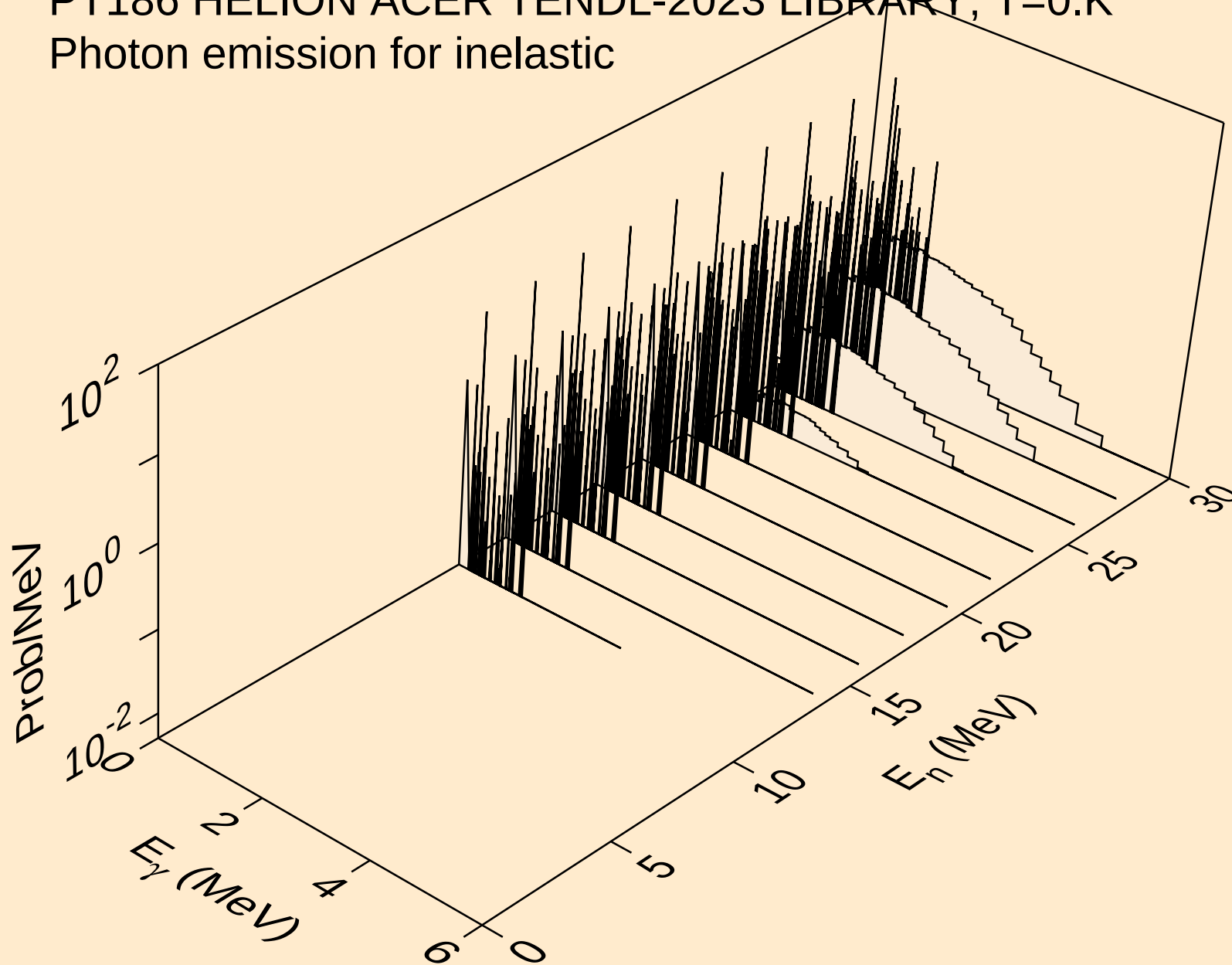
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



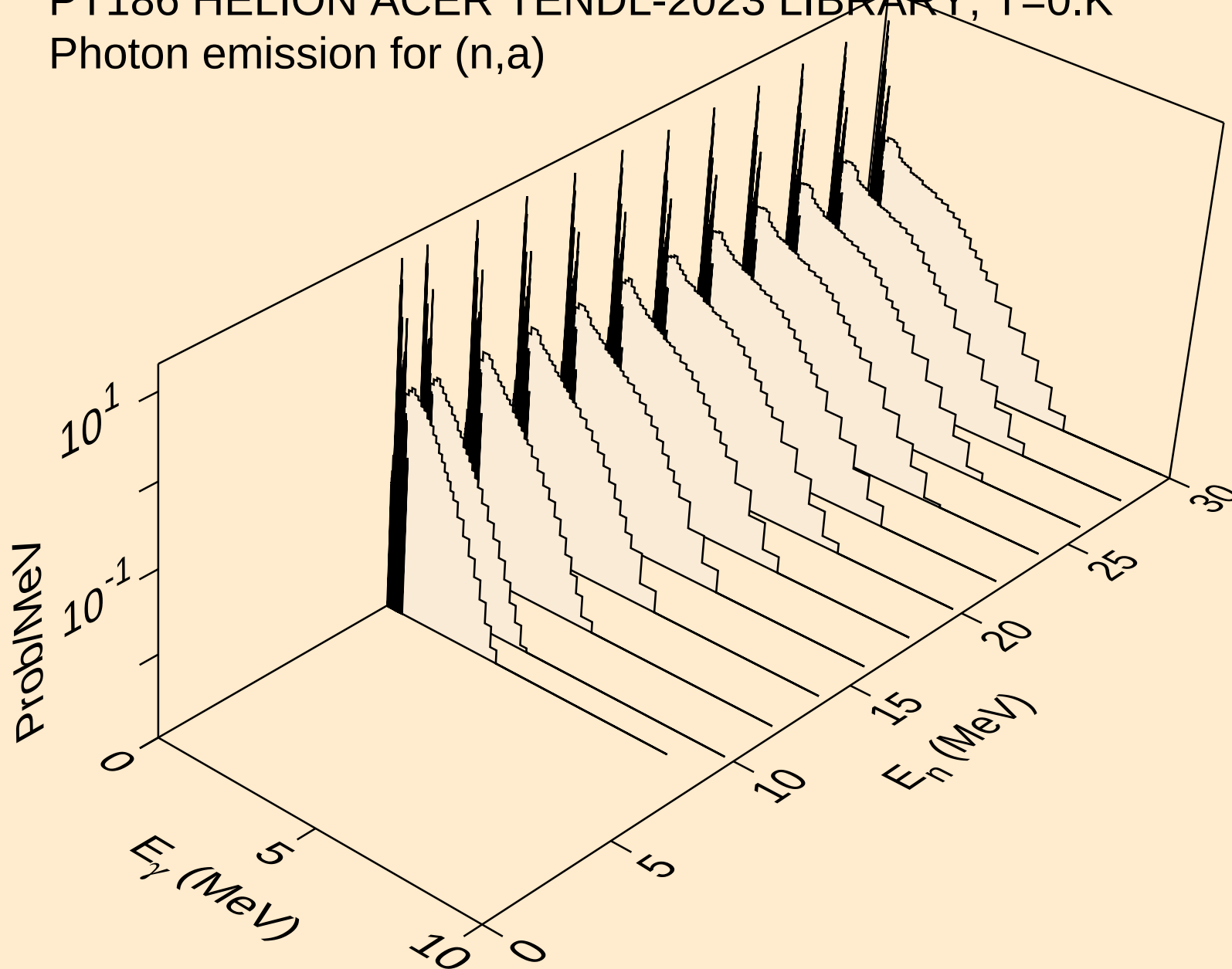
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



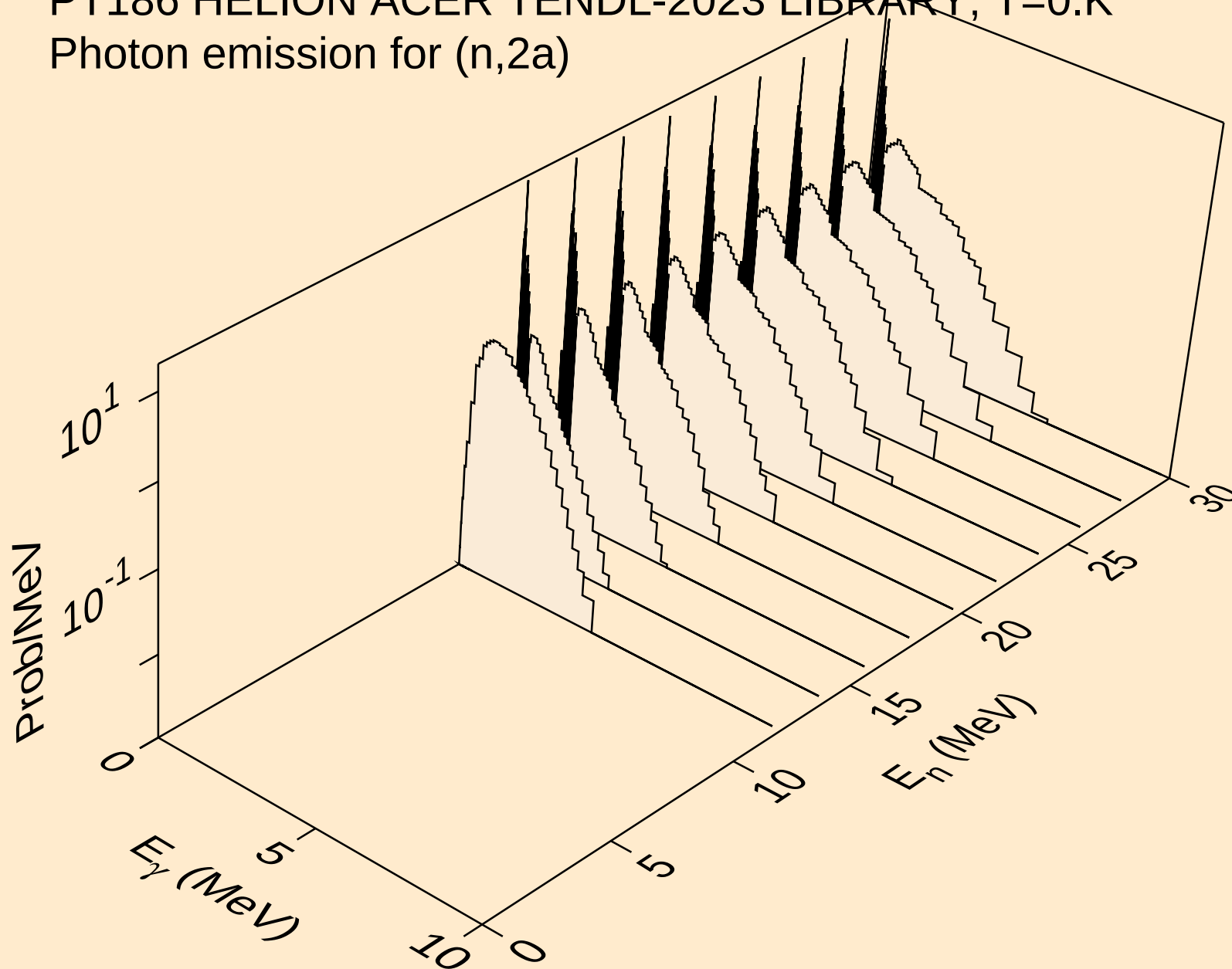
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



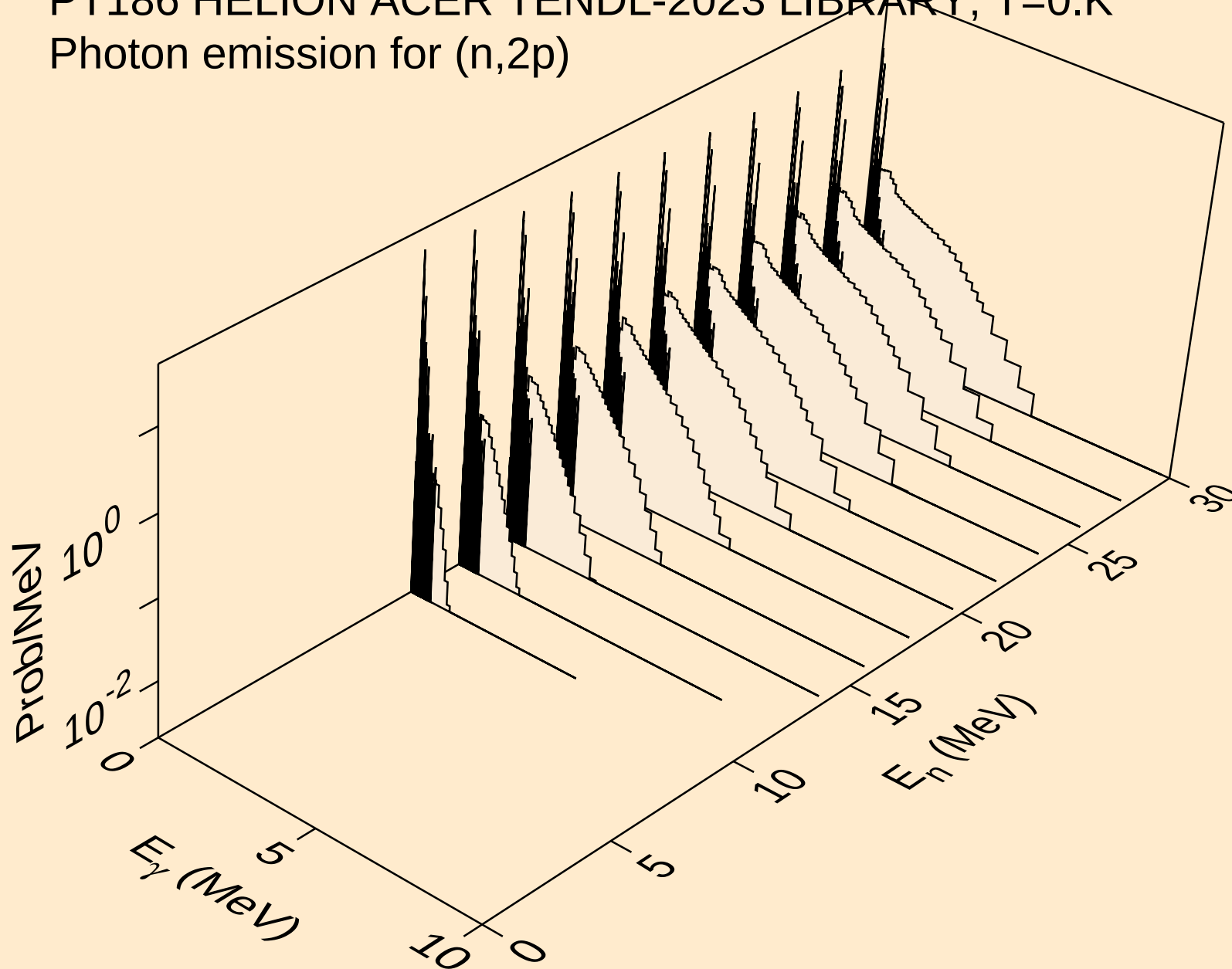
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



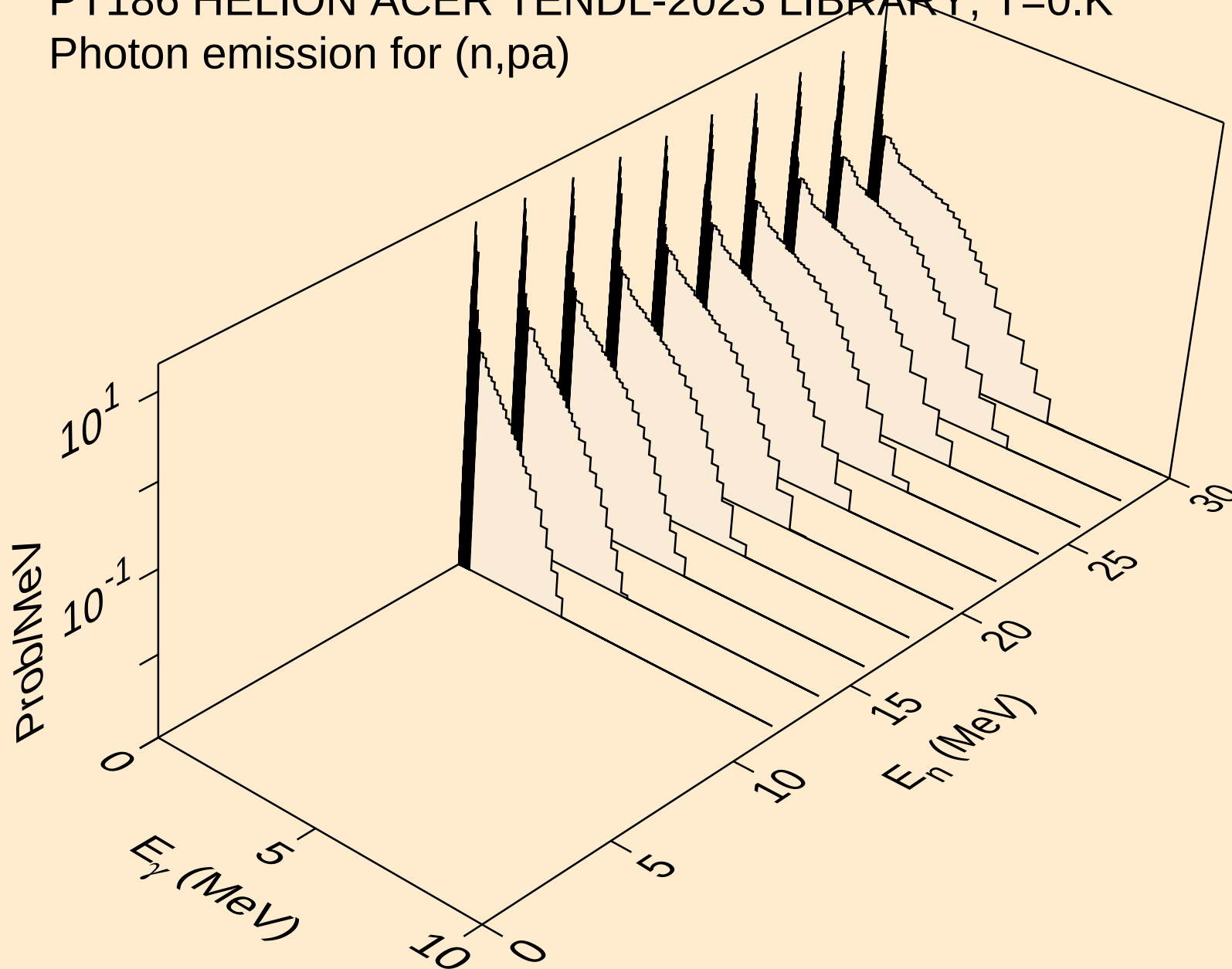
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Photon emission for (n,2a)



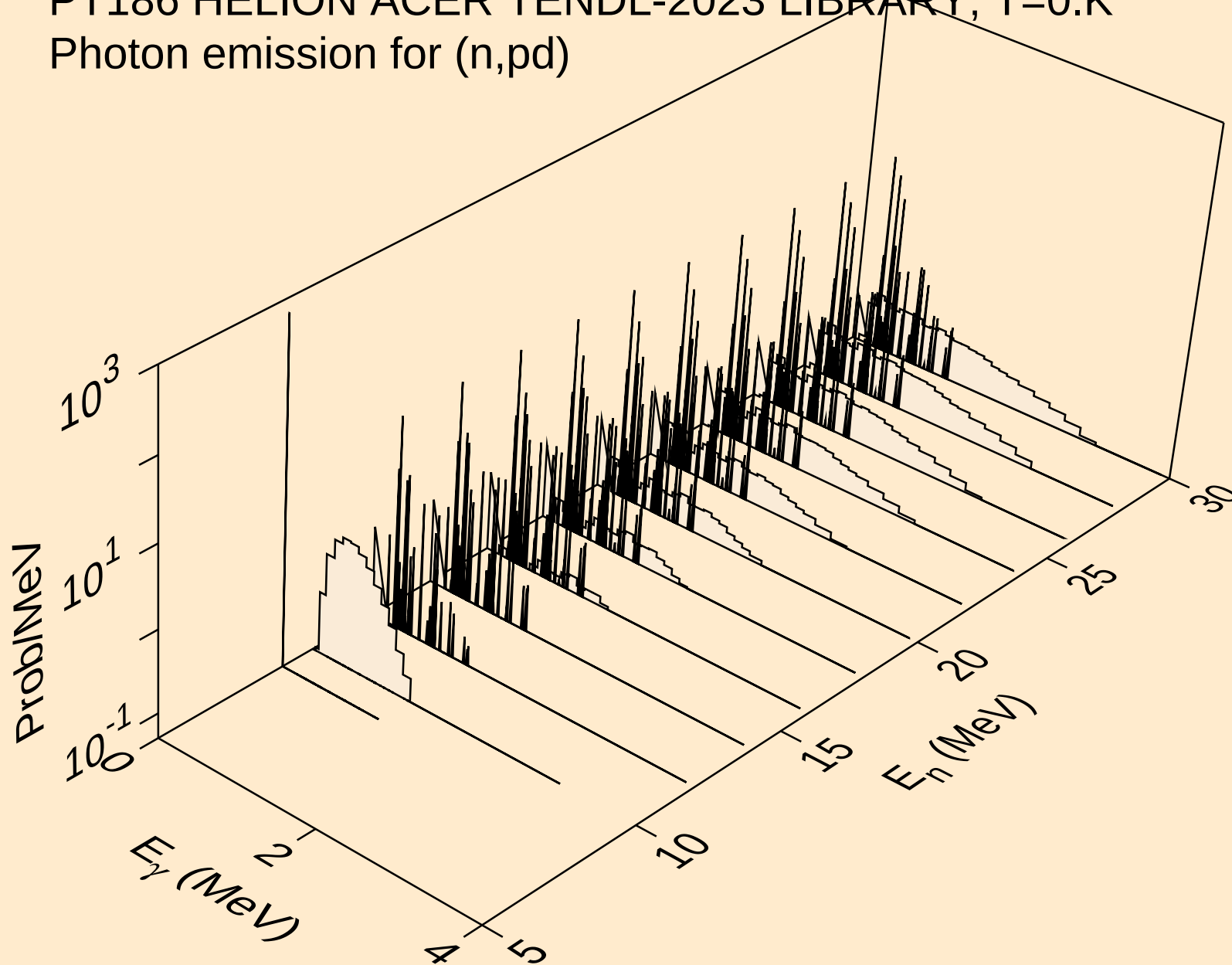
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

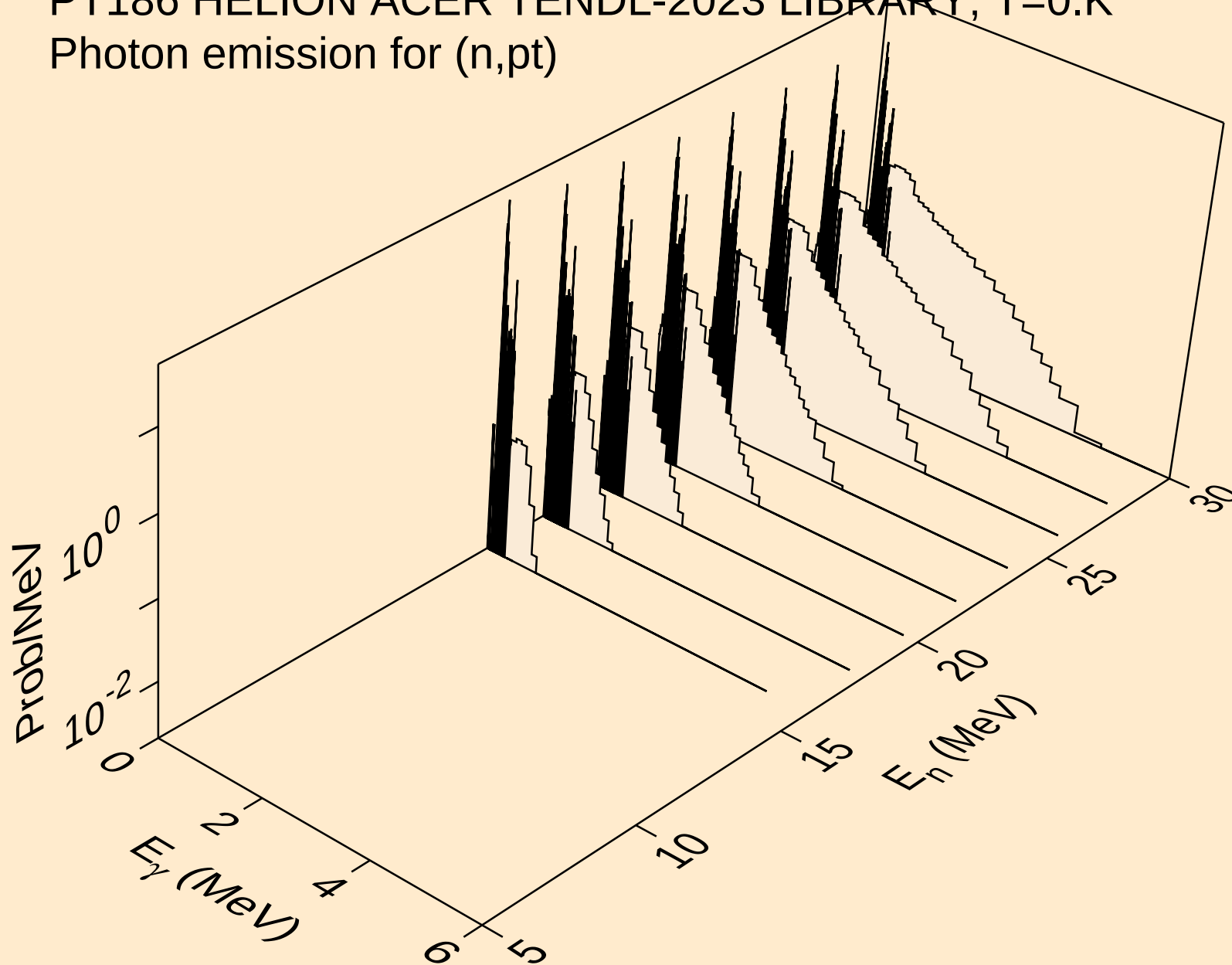


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

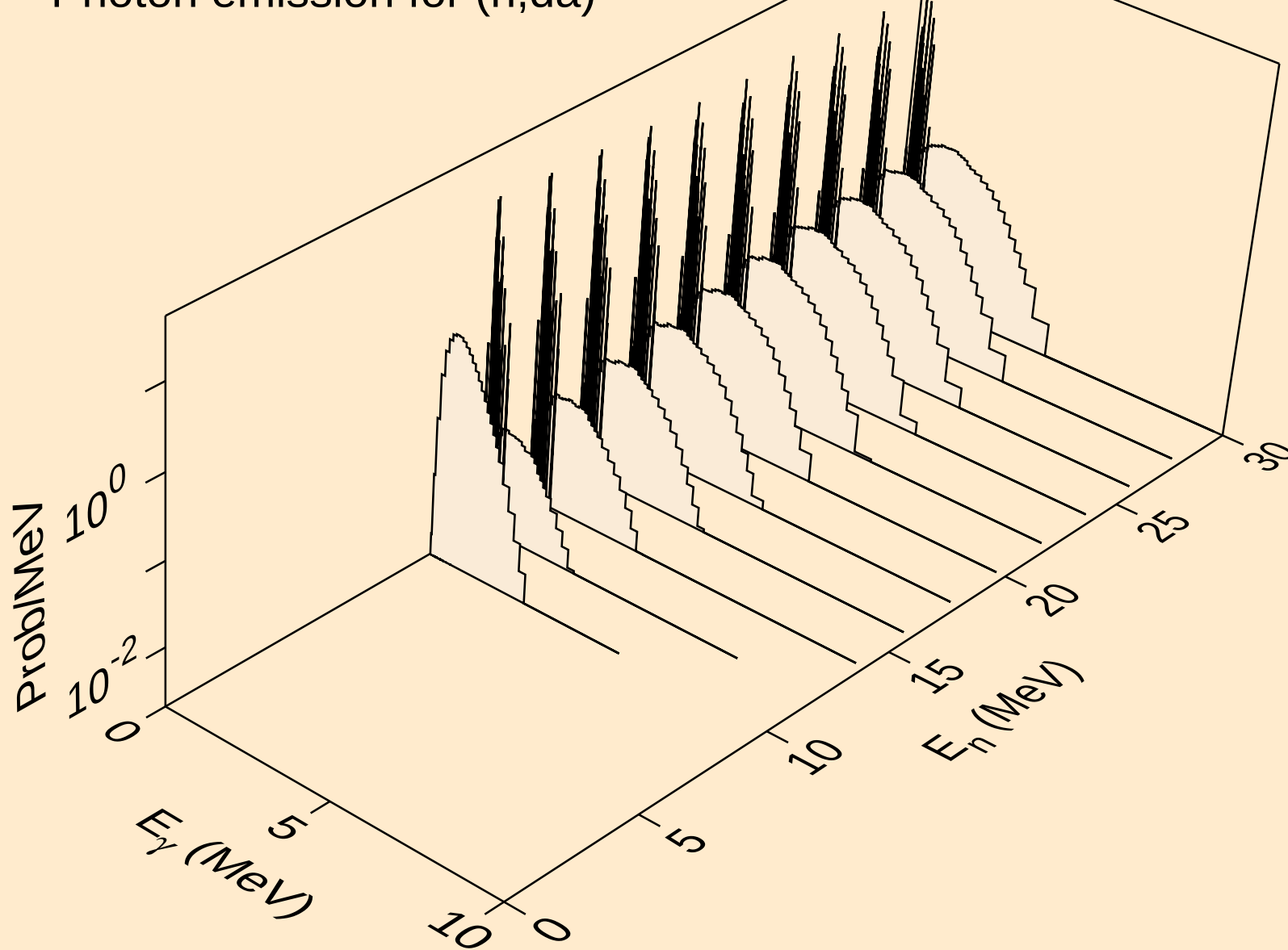


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

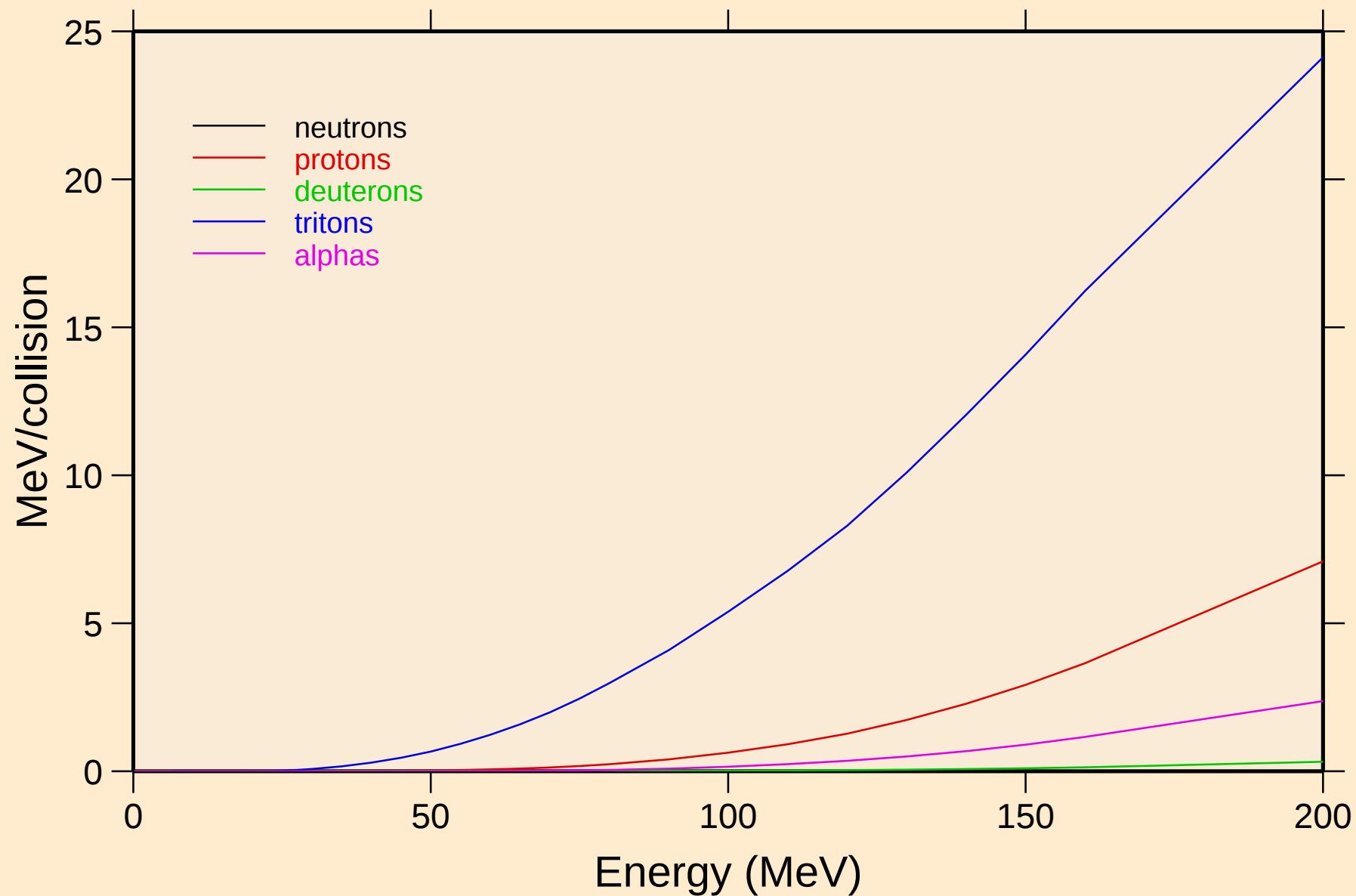


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Photon emission for (n,da)



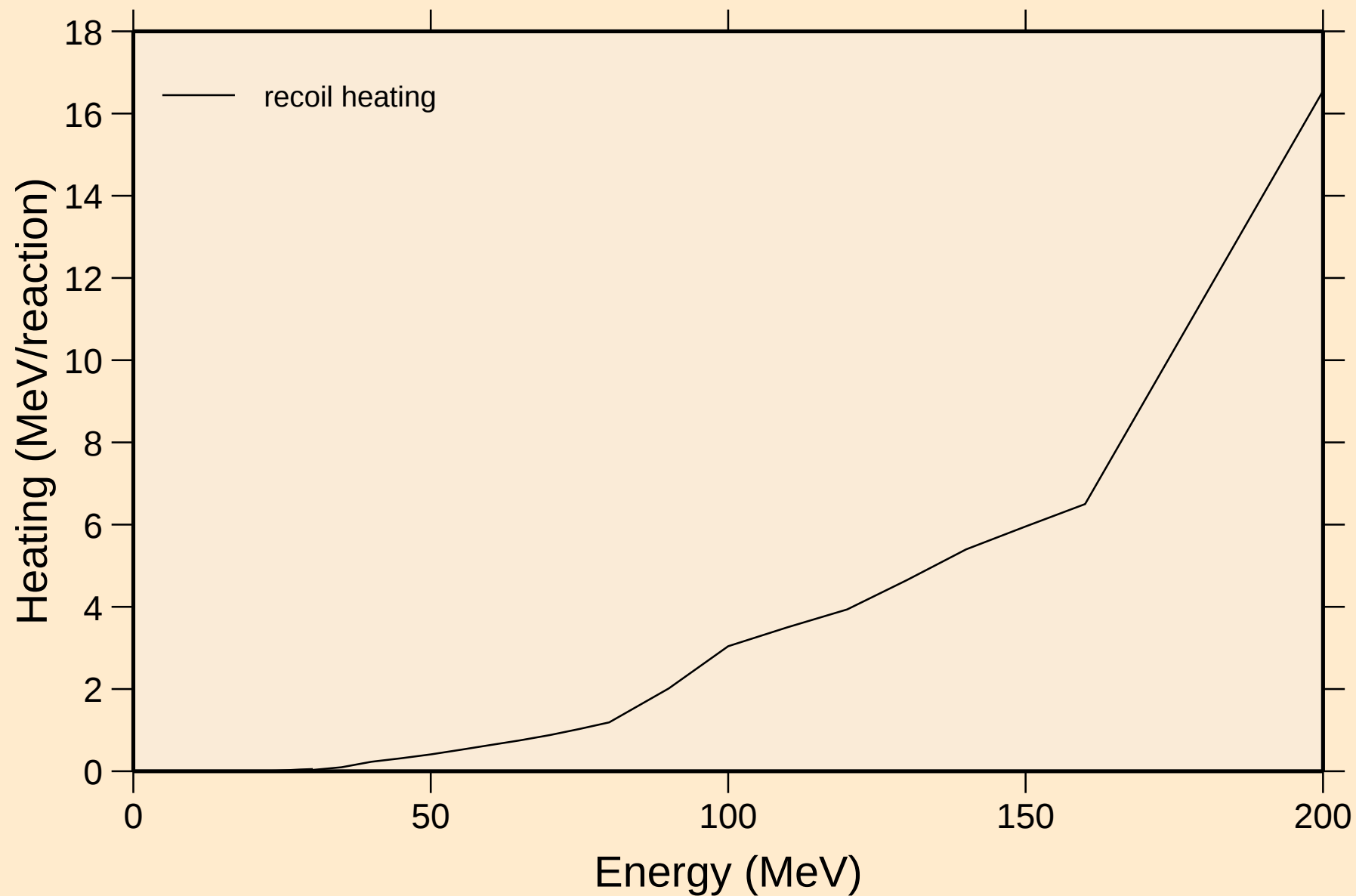
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



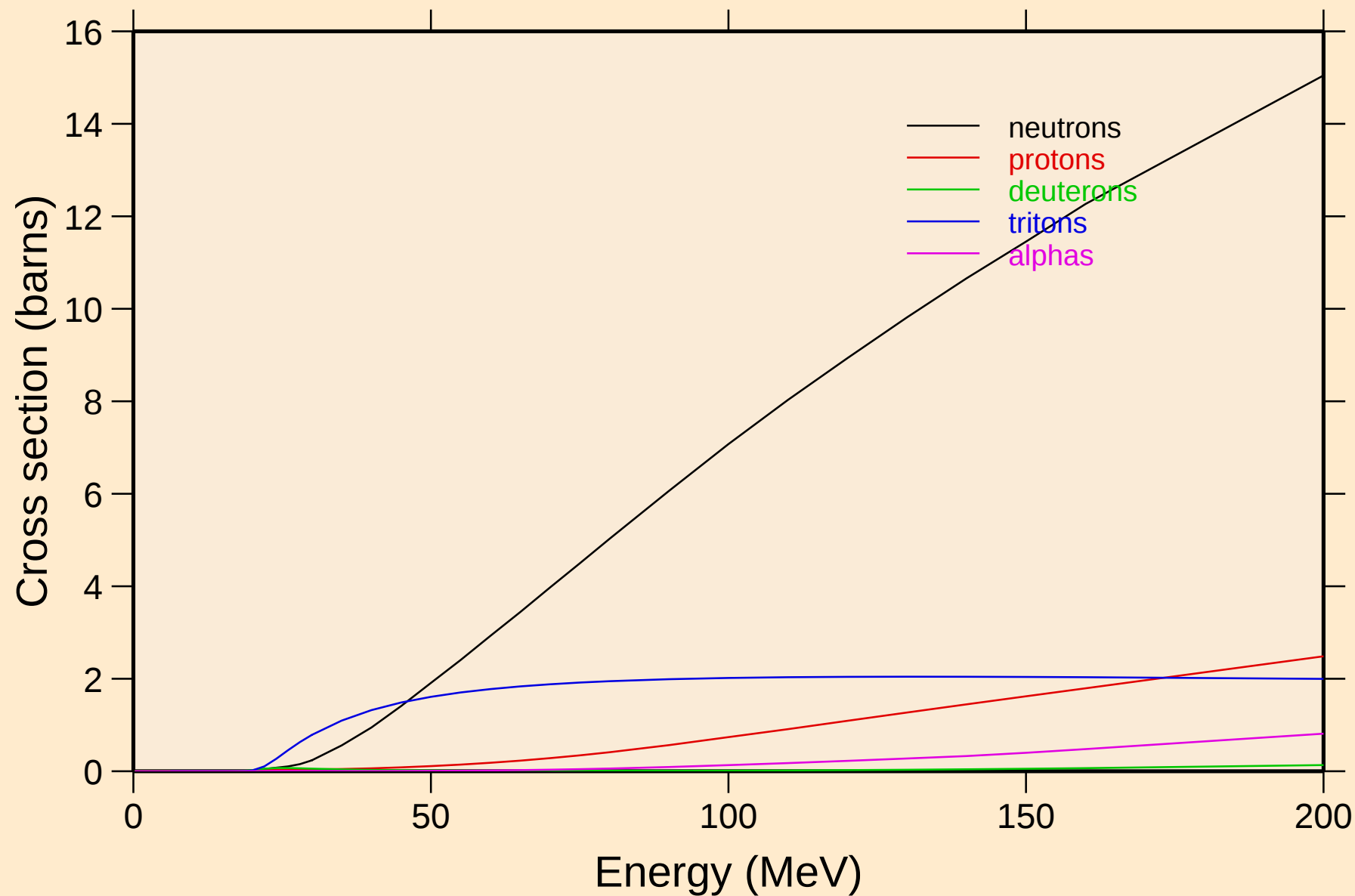
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## Recoil Heating

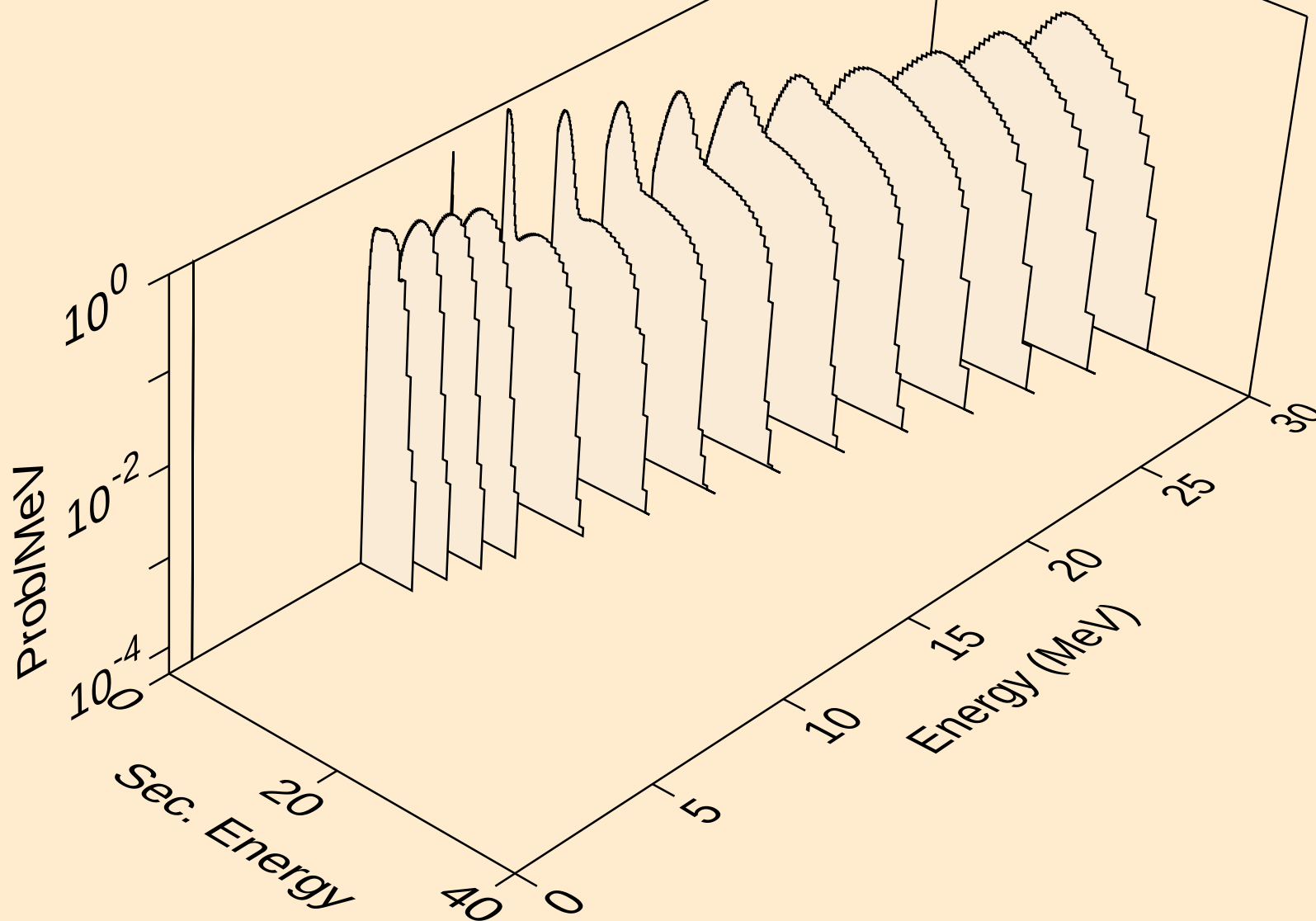


PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K

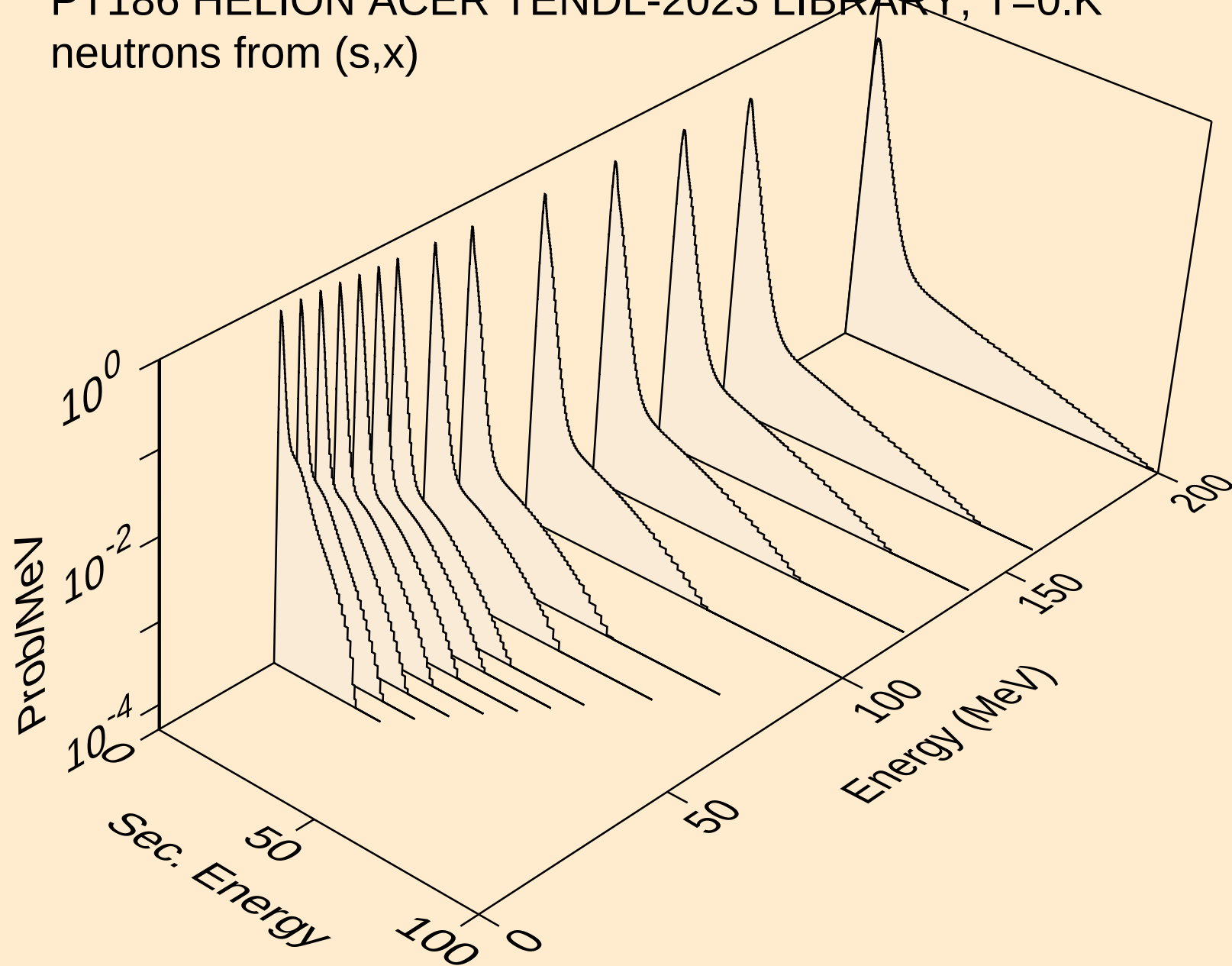
Particle production cross sections



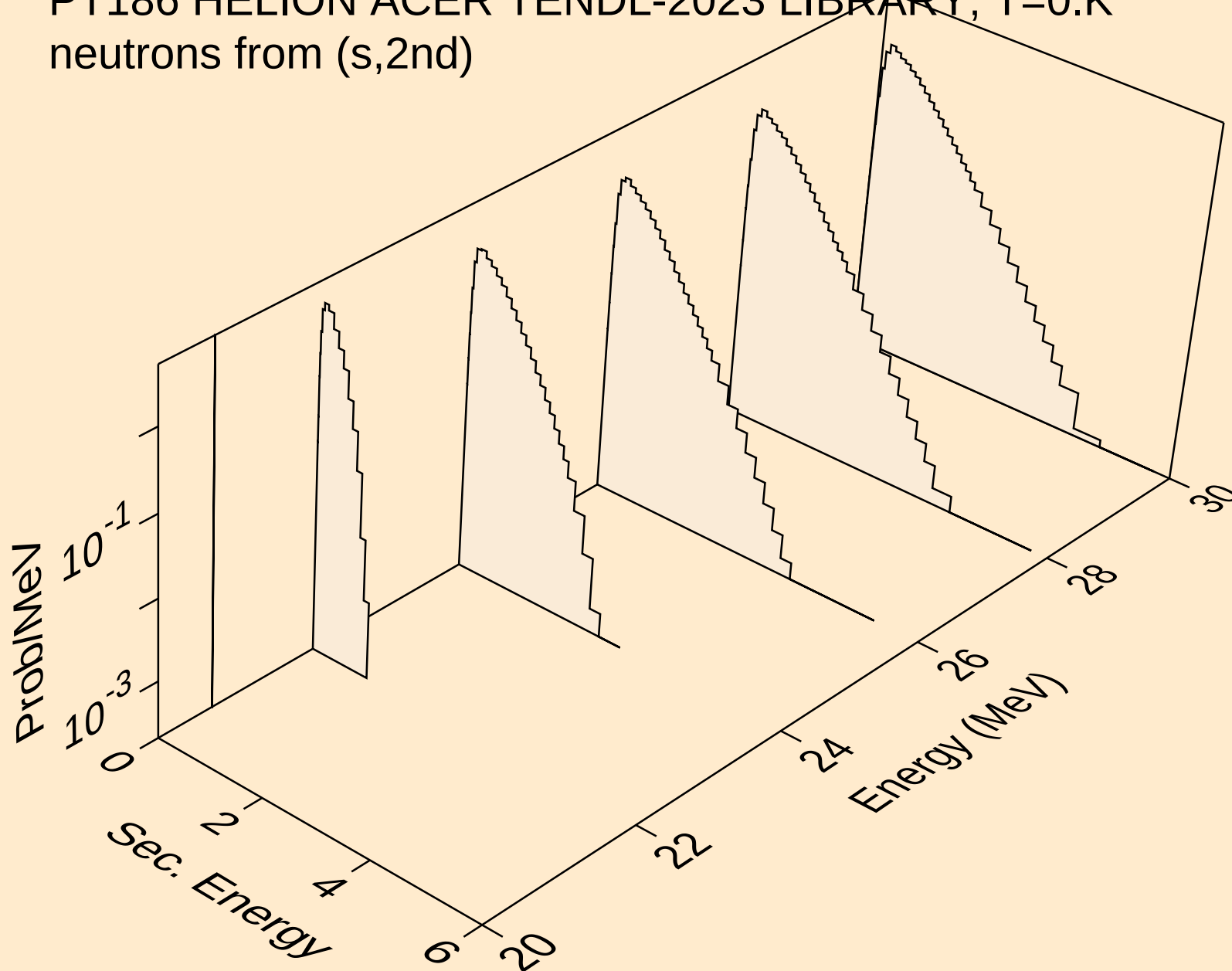
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



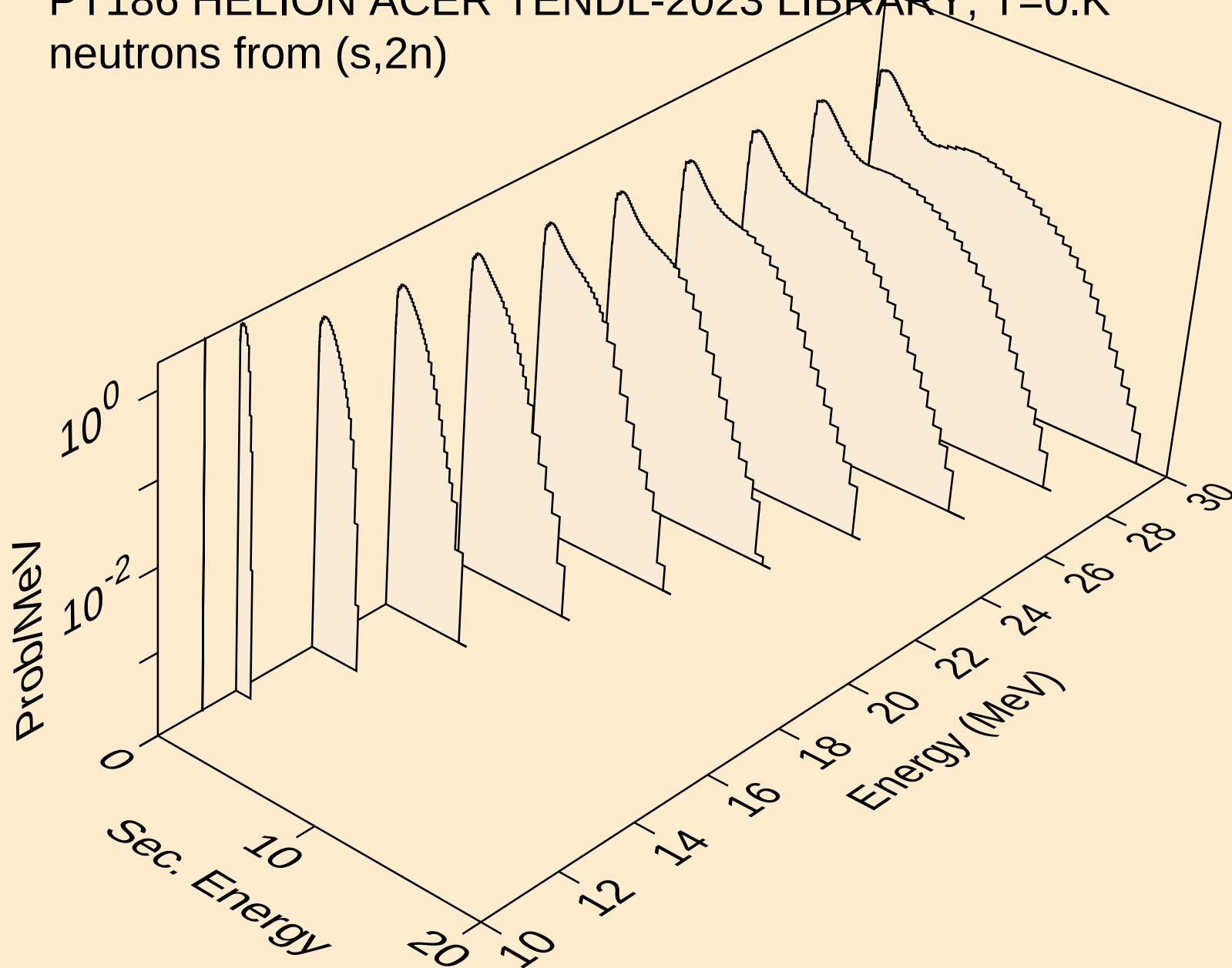
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



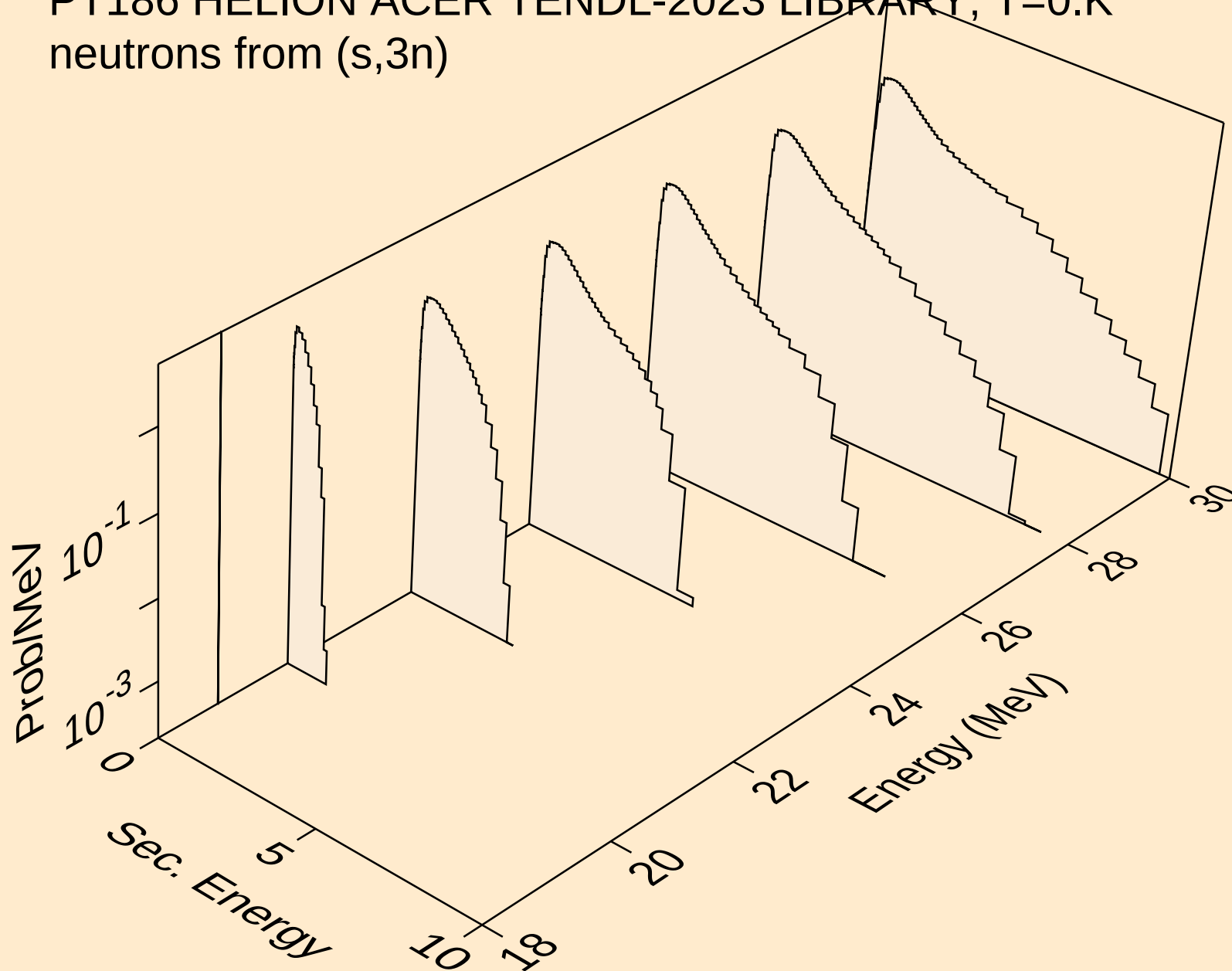
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neutrons from (s,2nd)



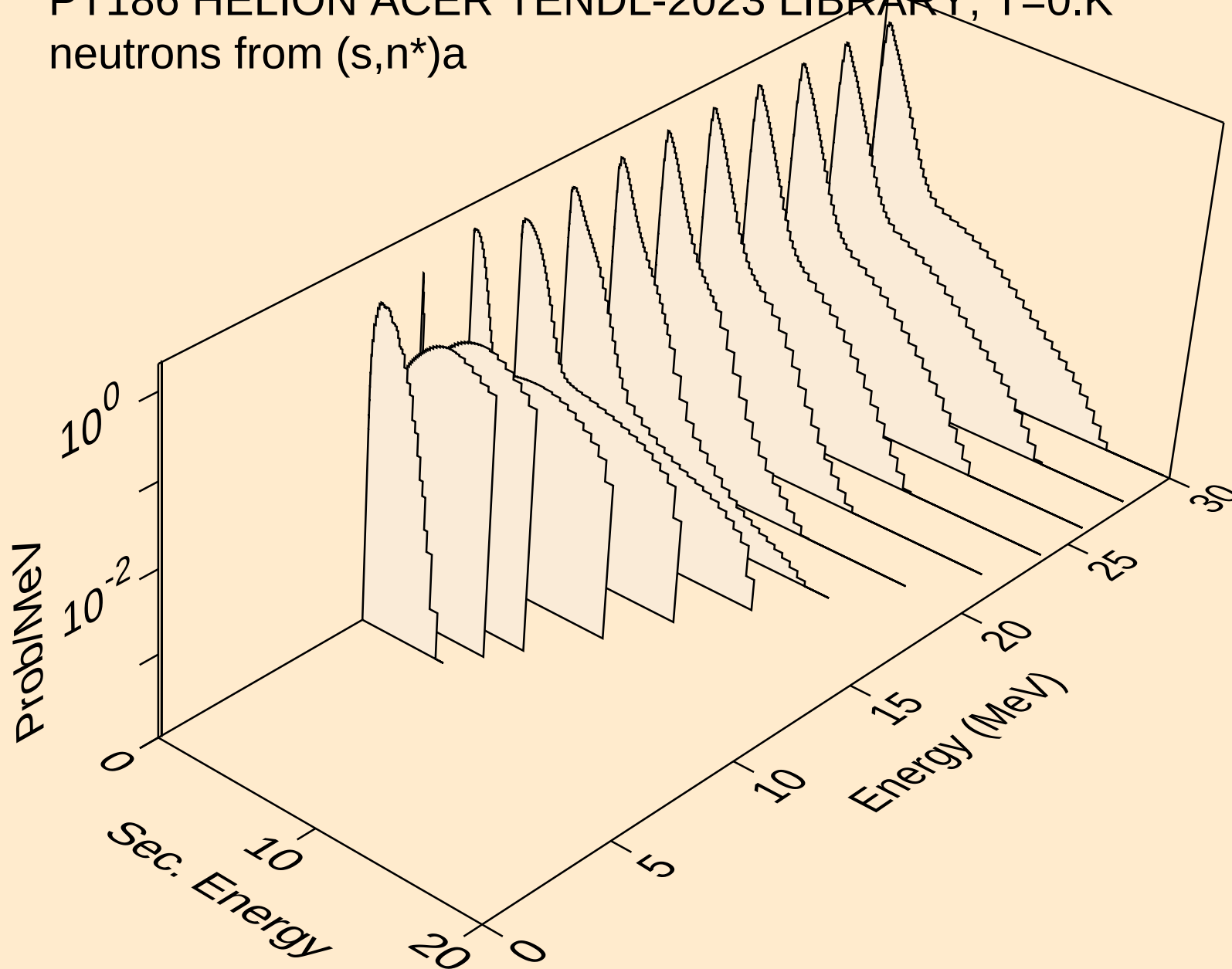
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



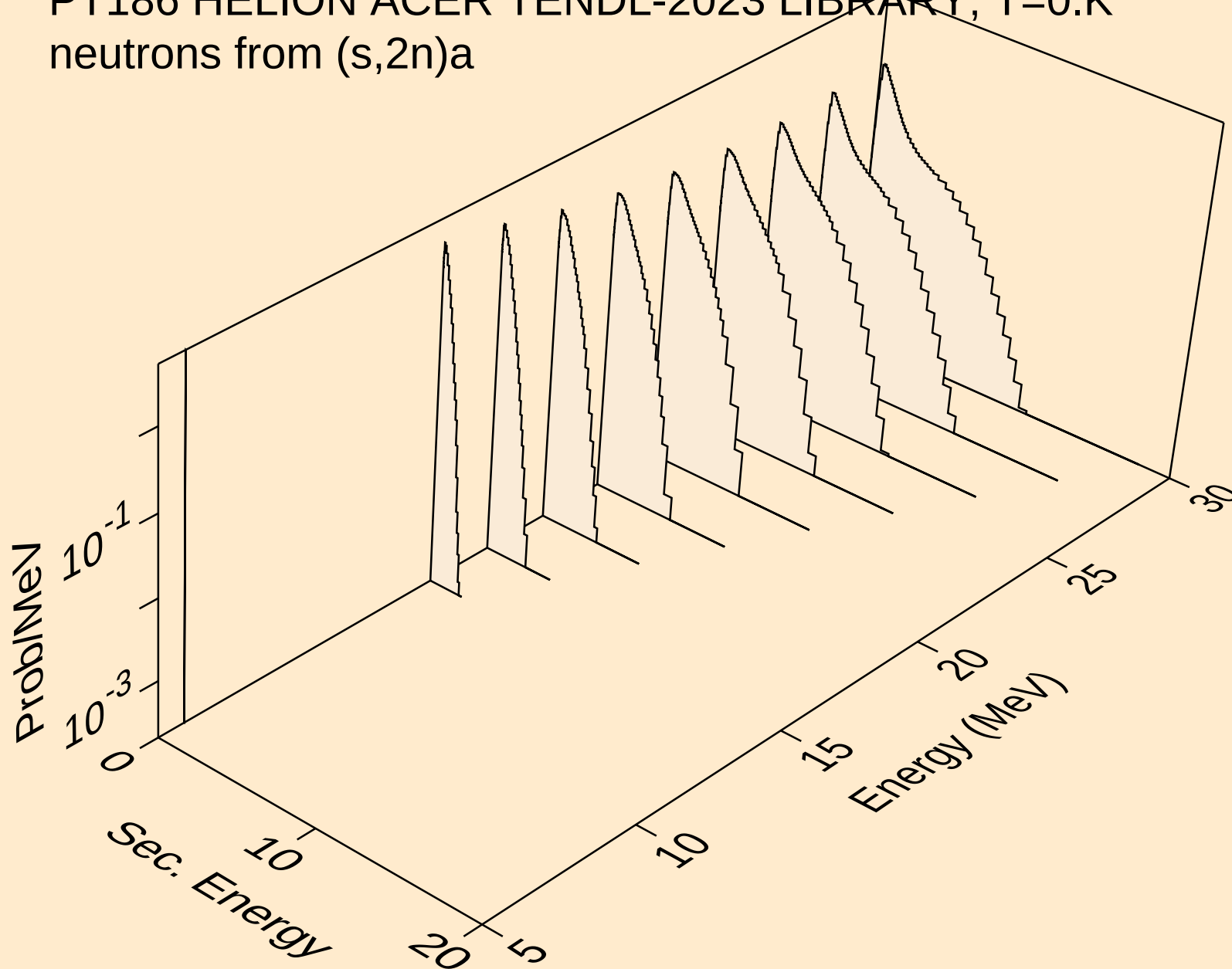
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



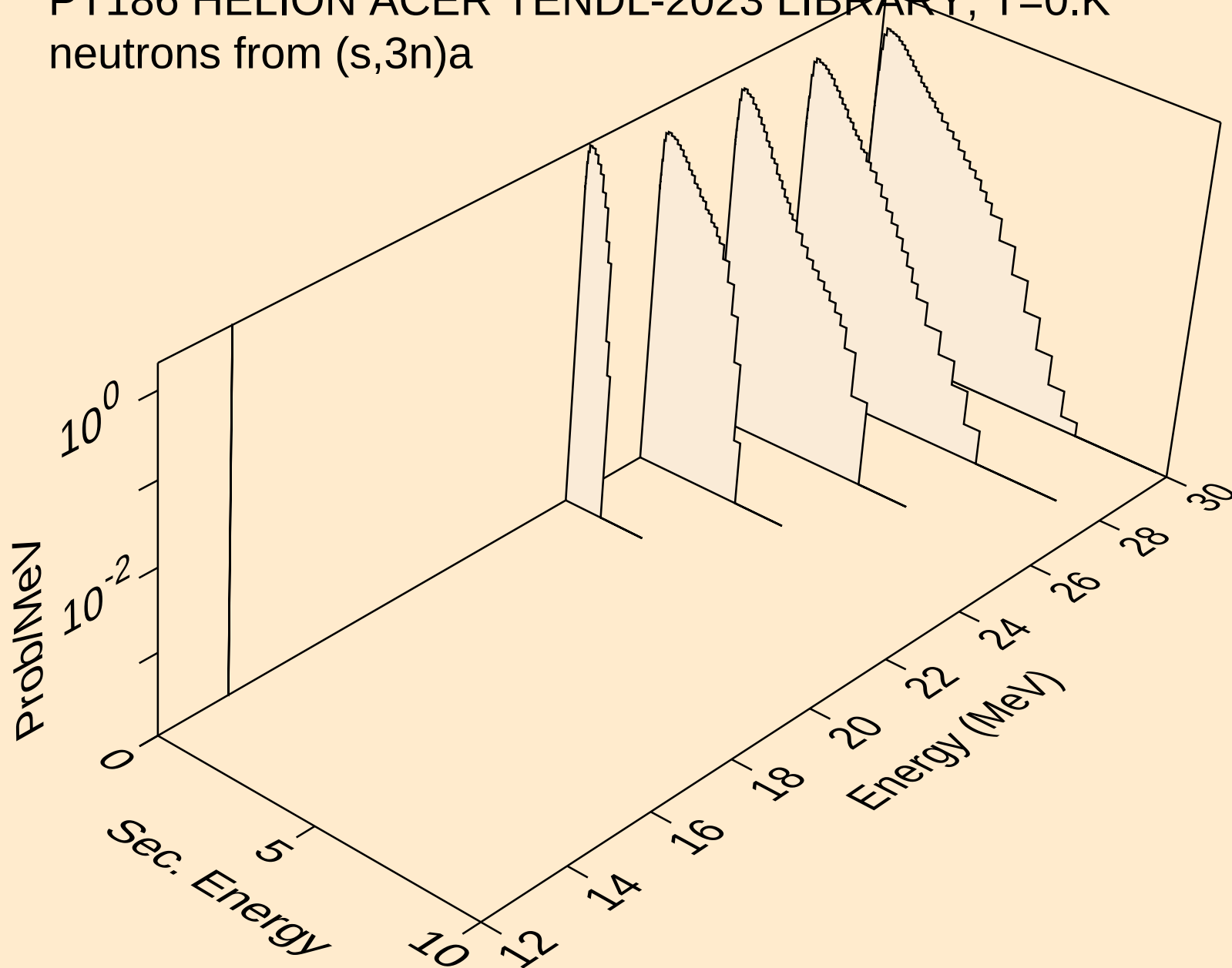
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



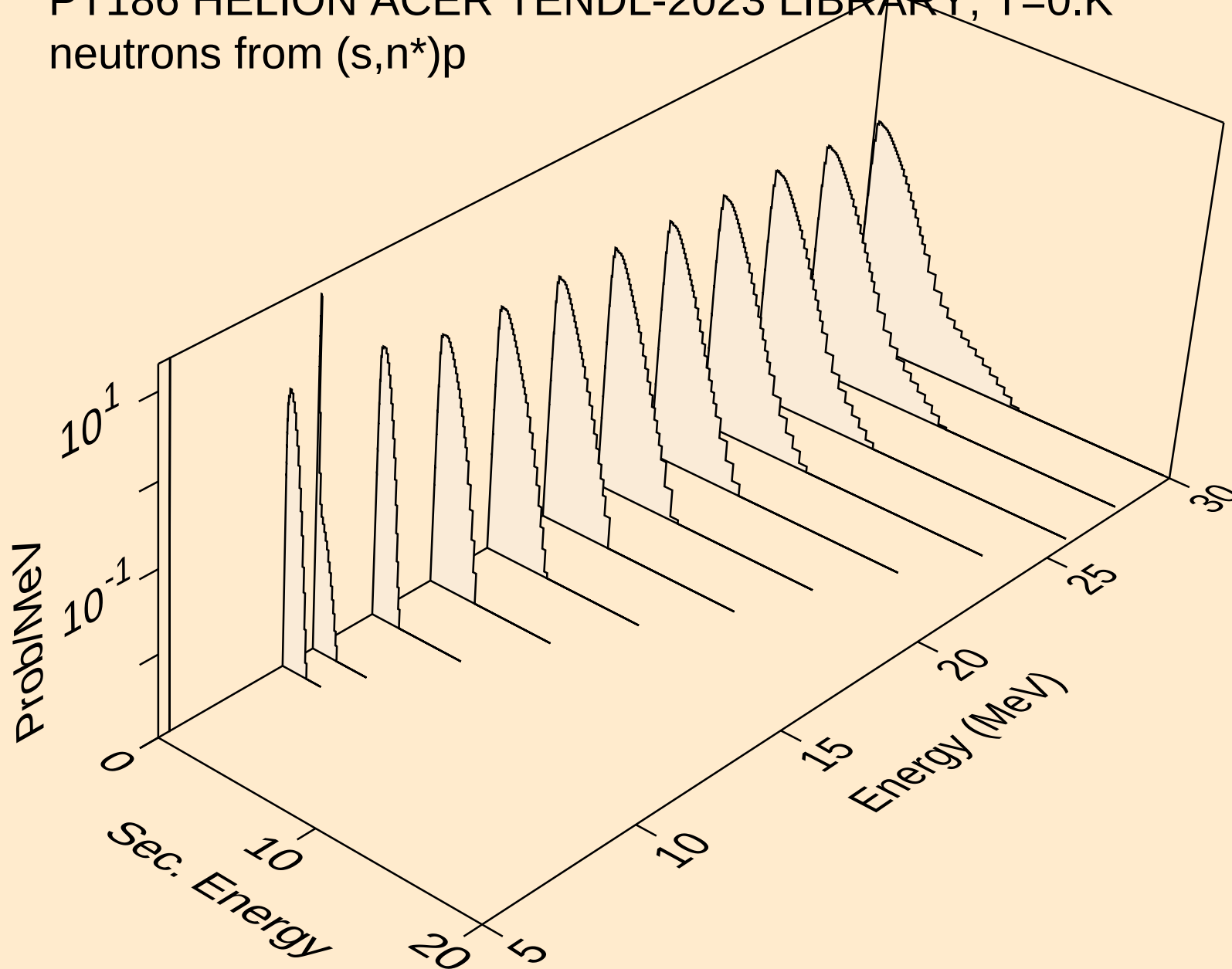
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



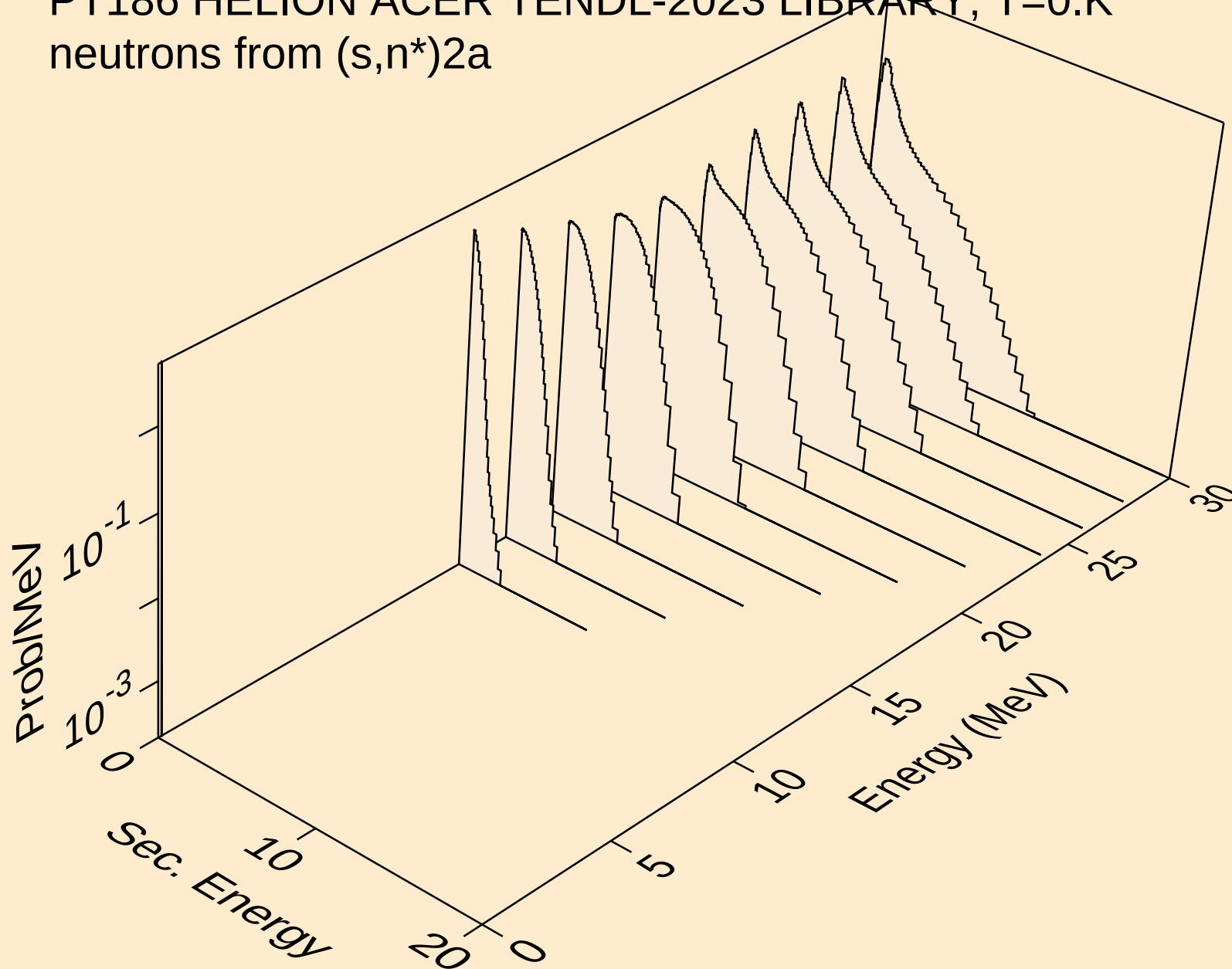
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



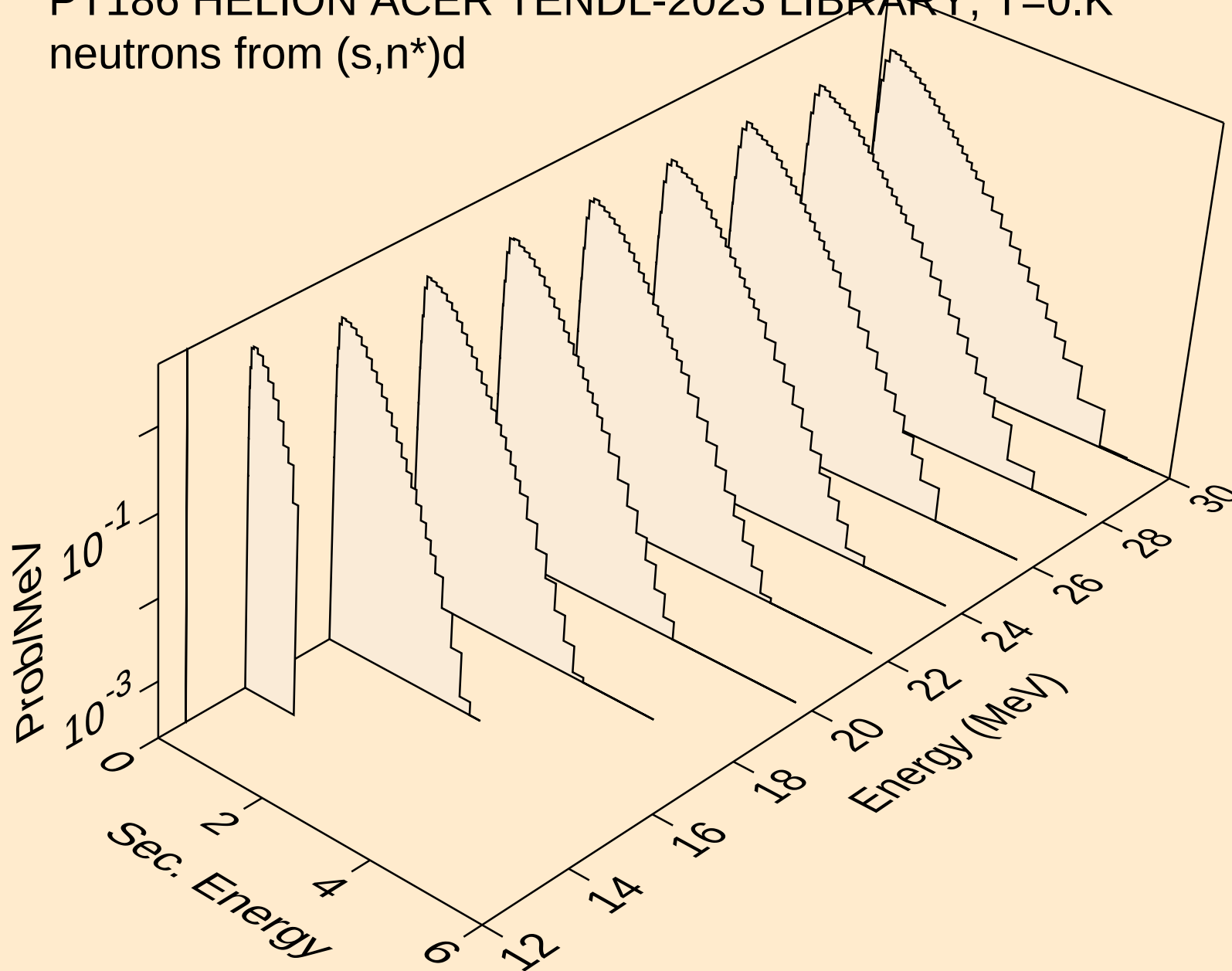
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



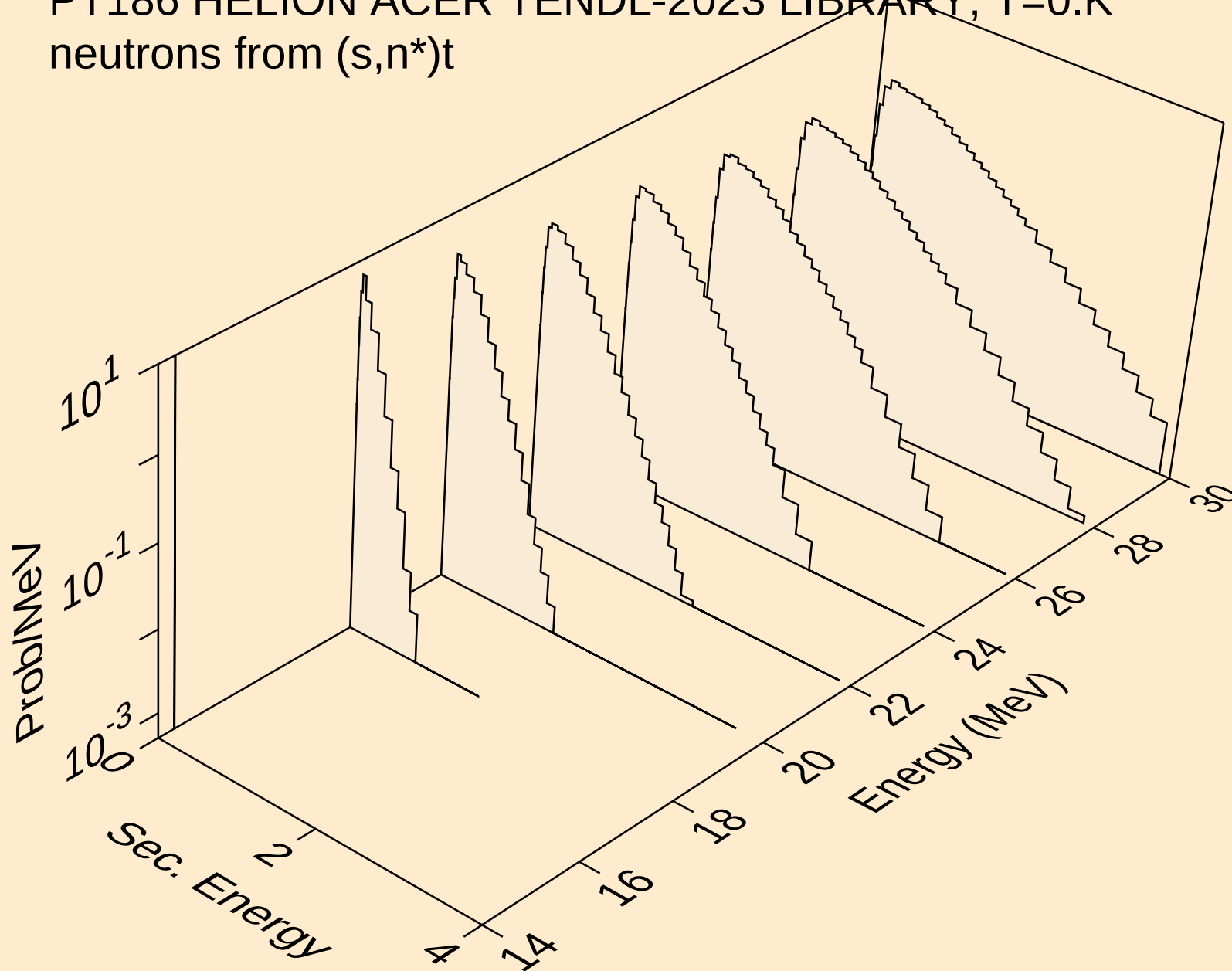
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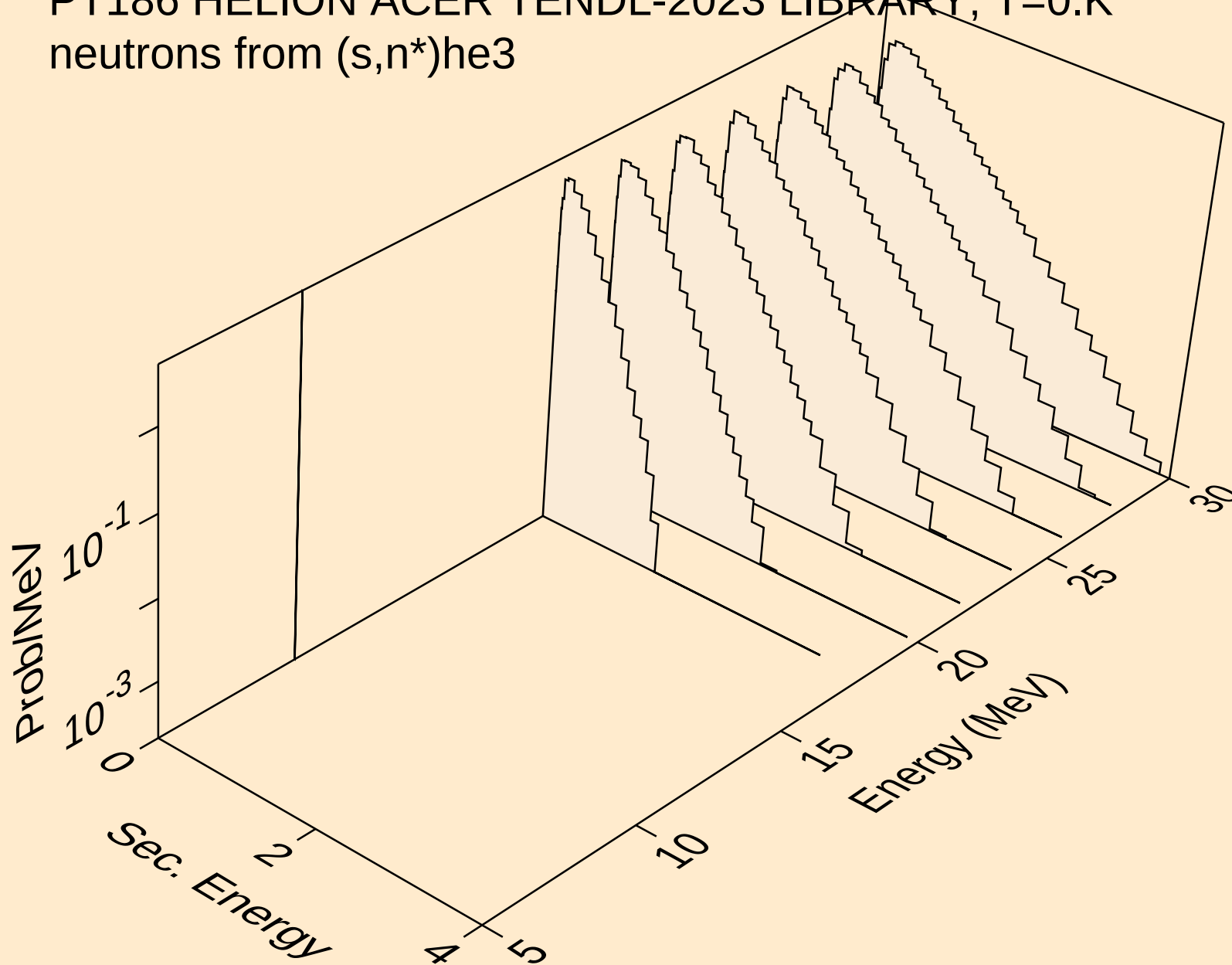
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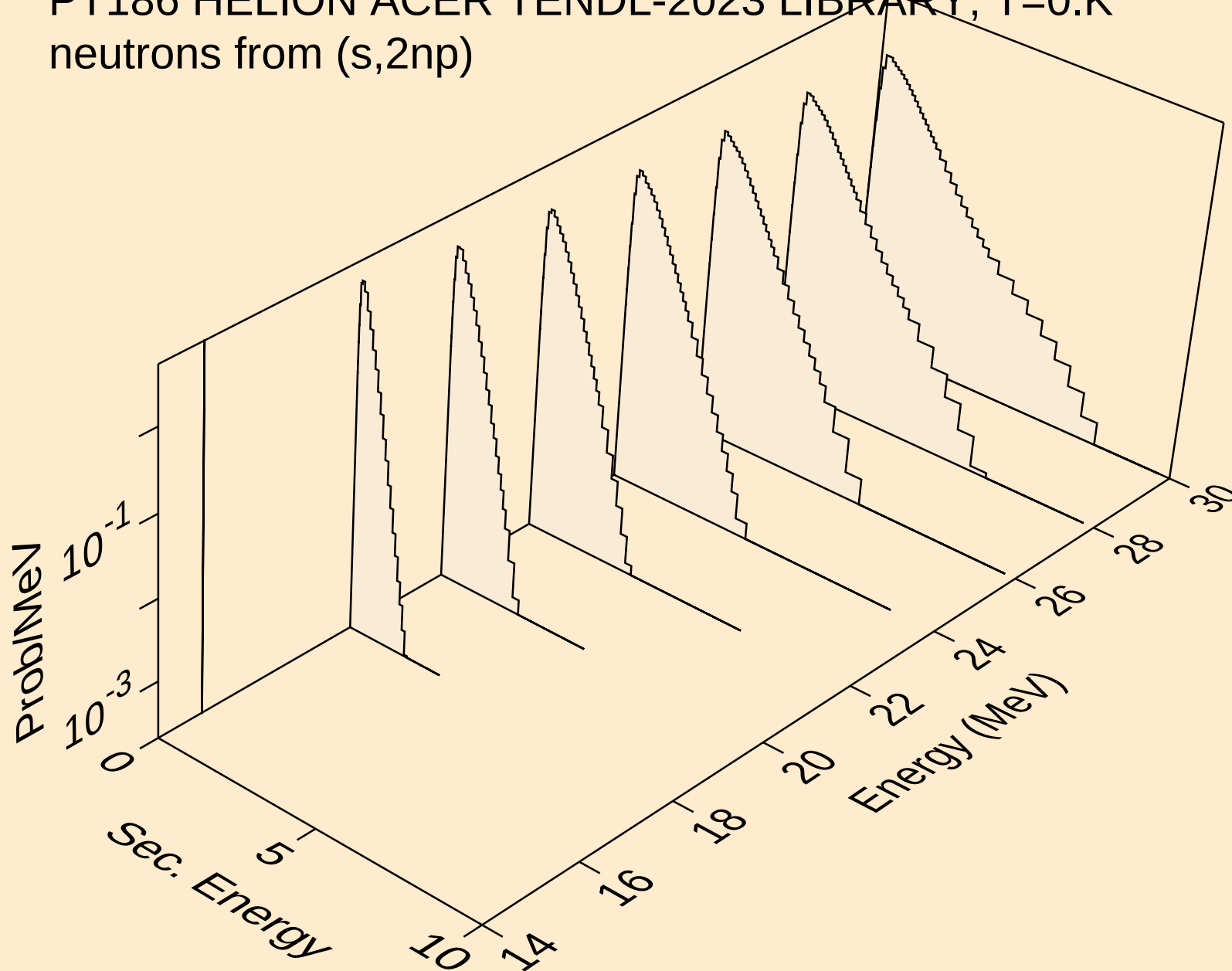
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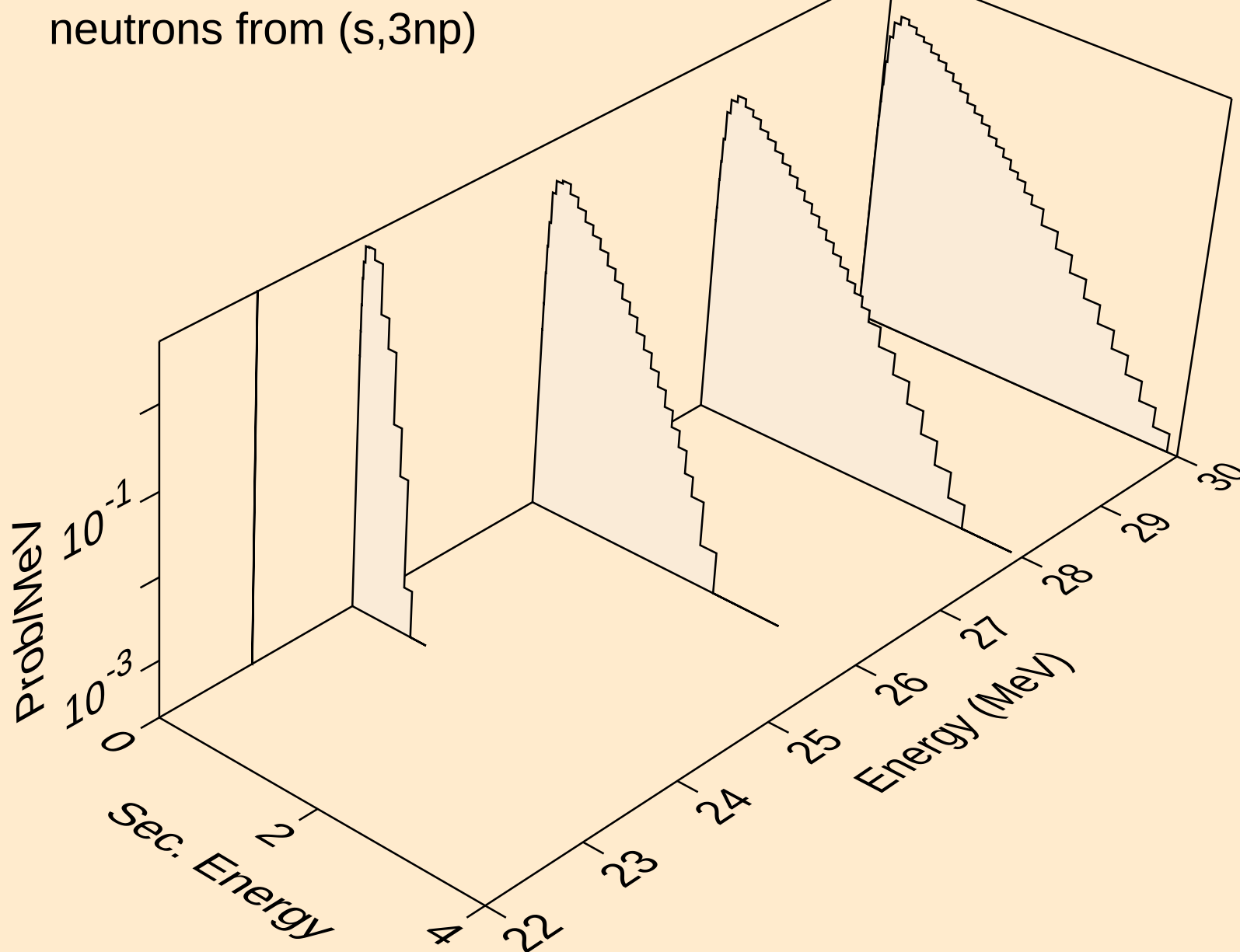
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



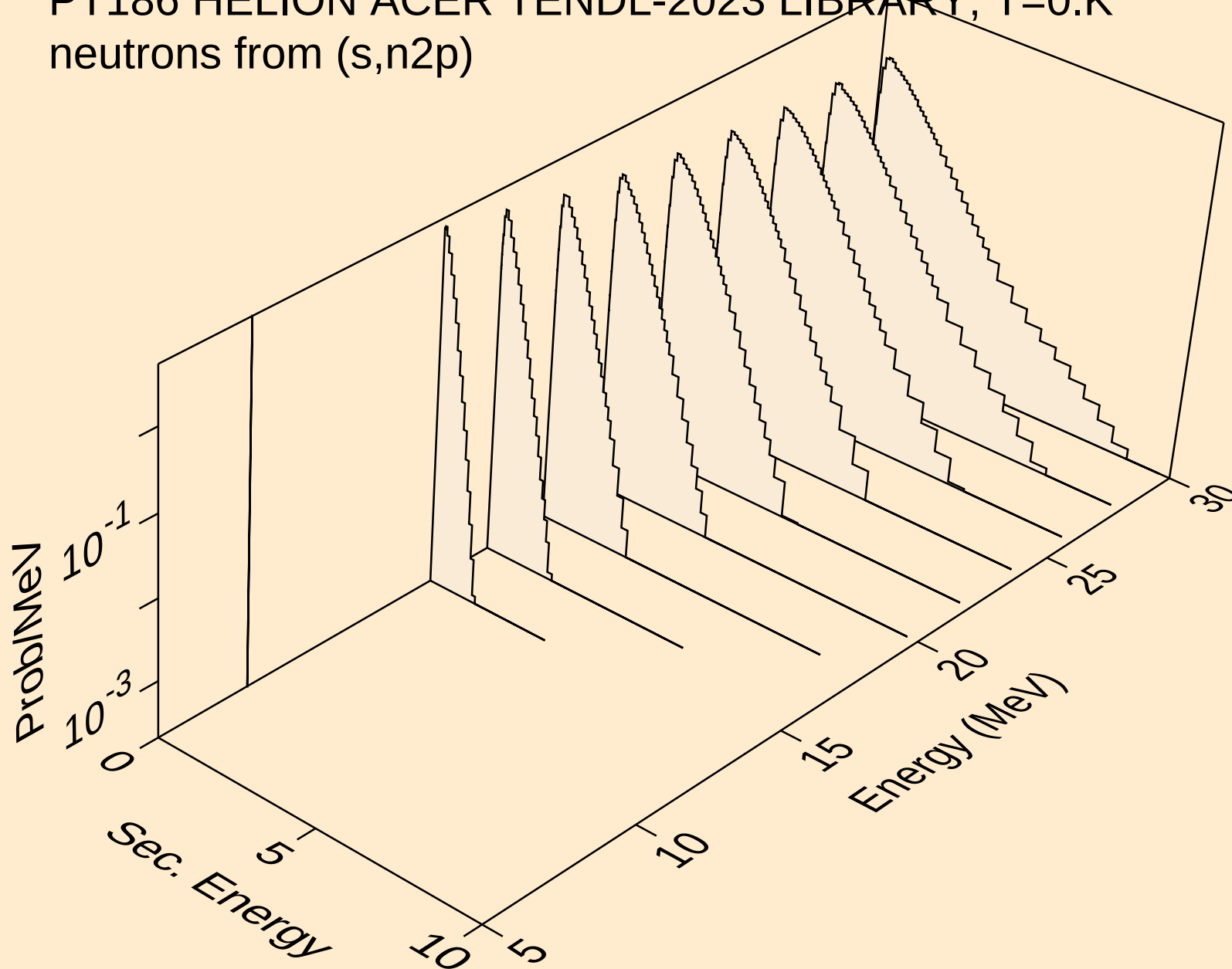
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neutrons from (s,2np)



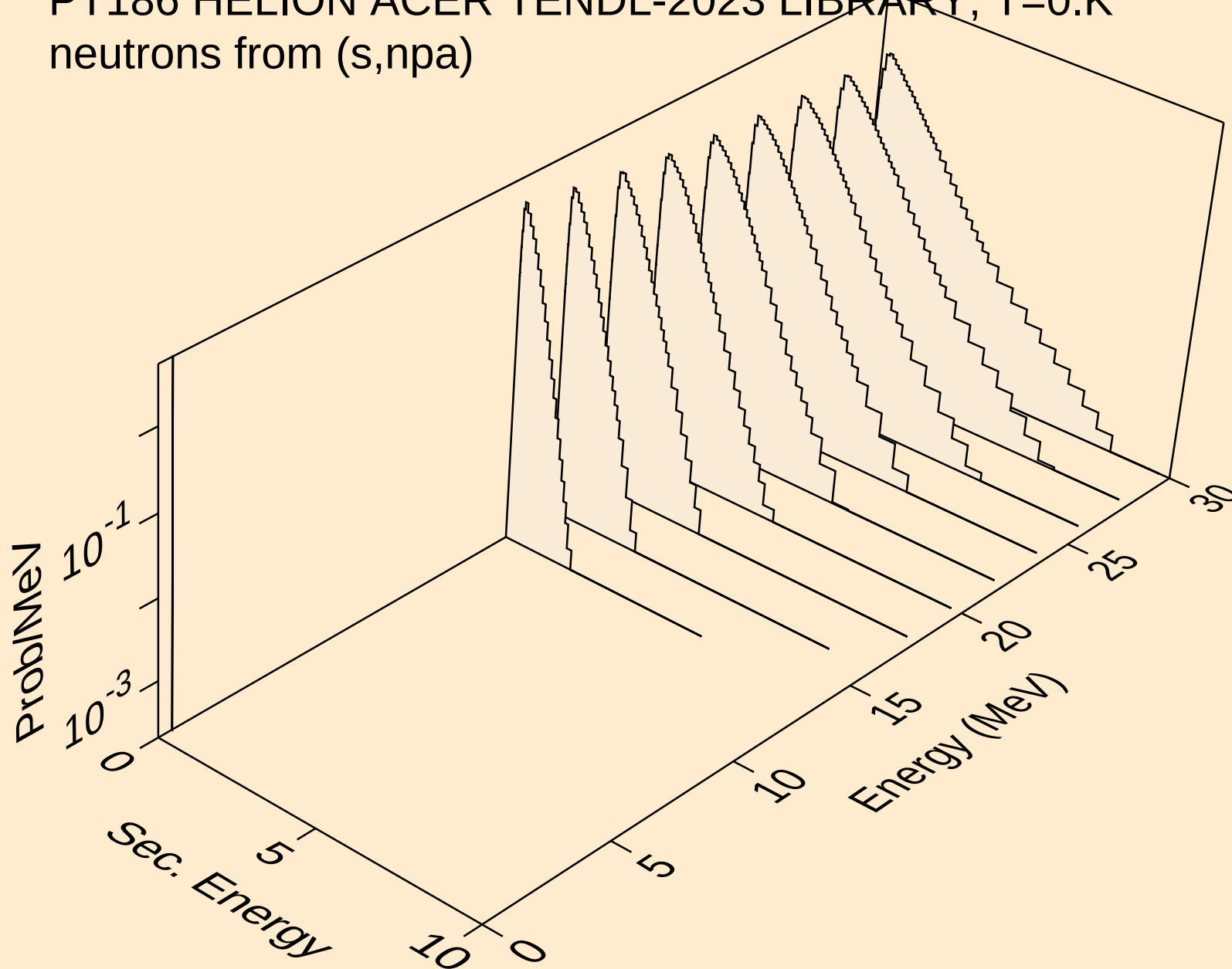
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neutrons from (s,3np)



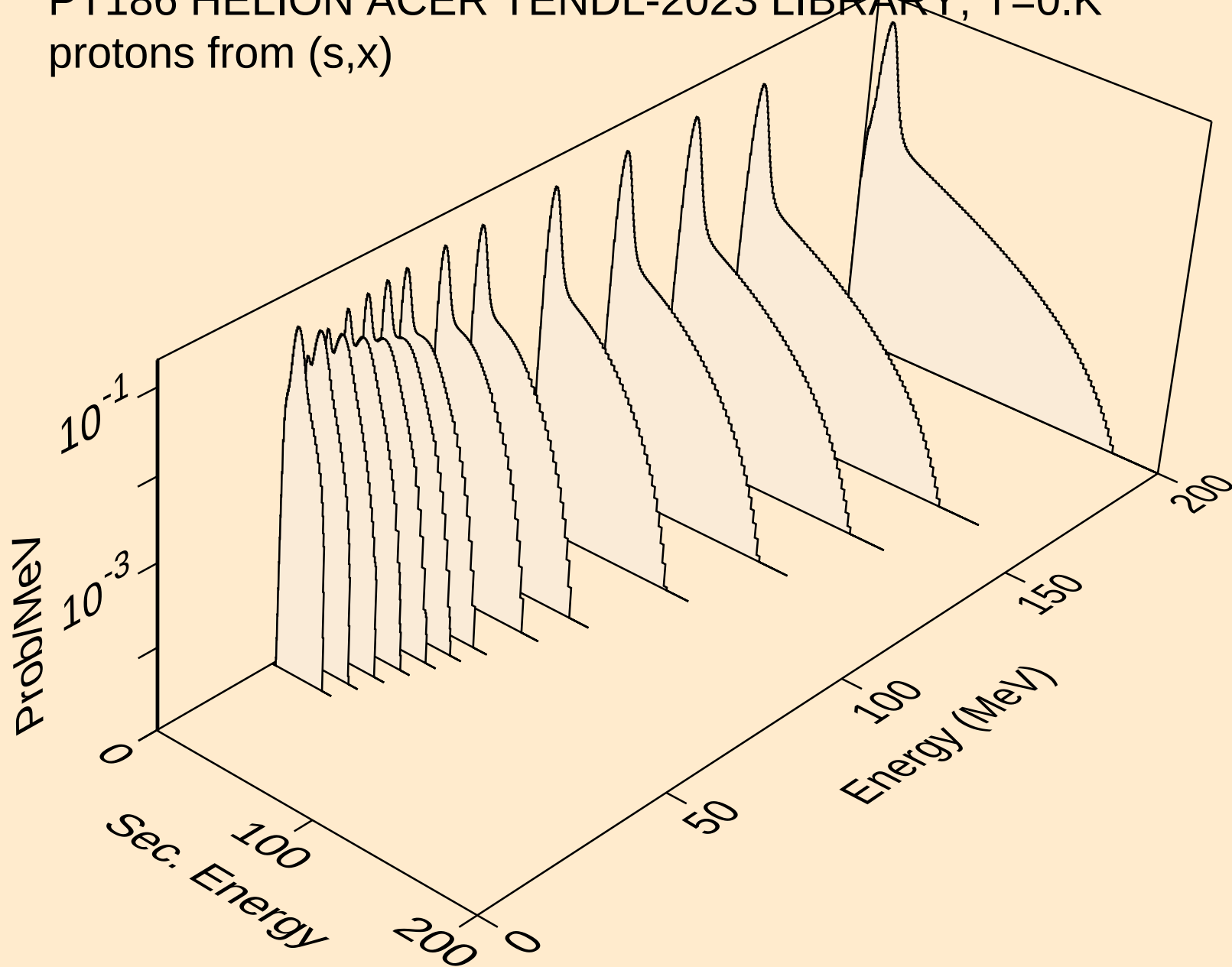
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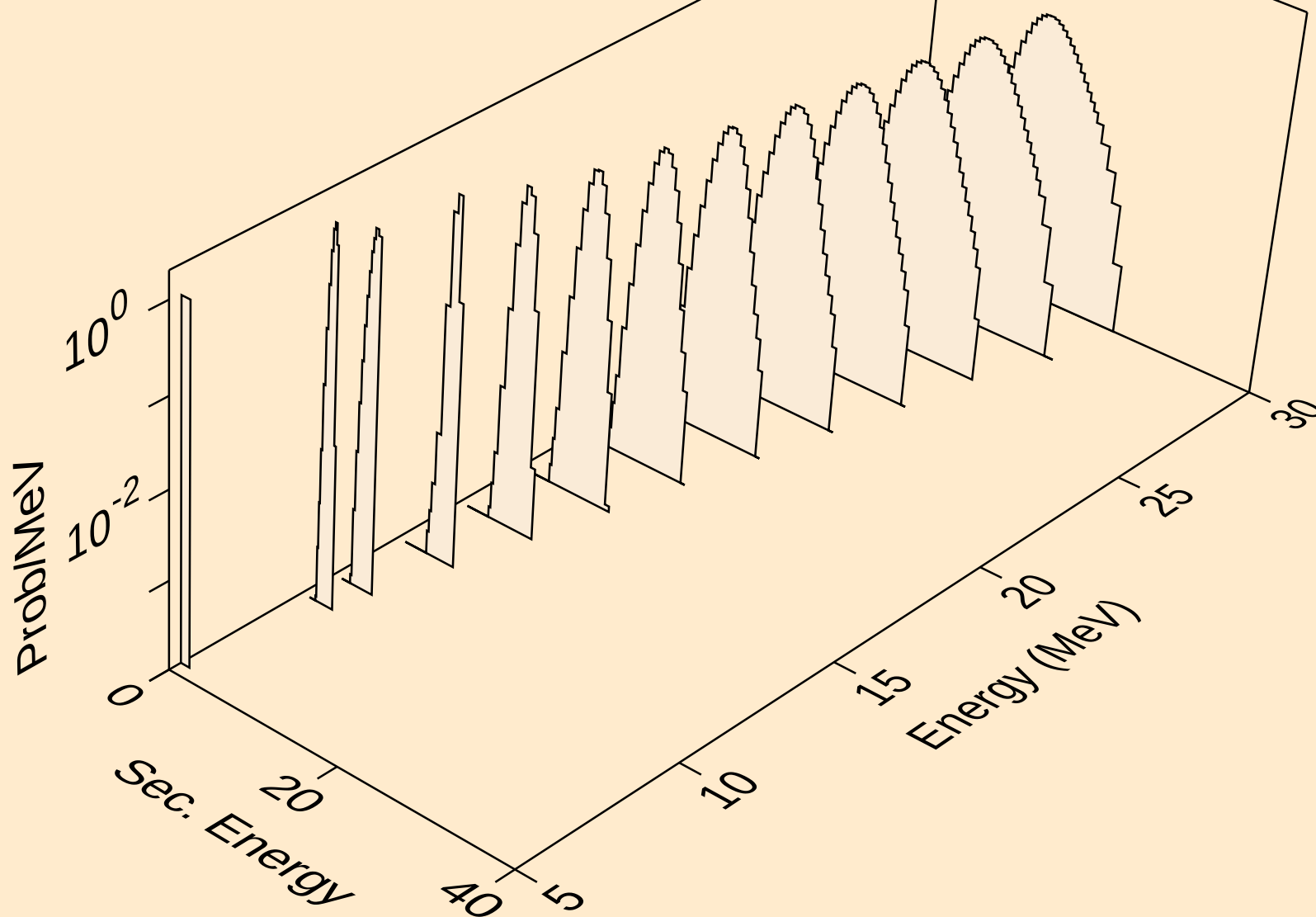
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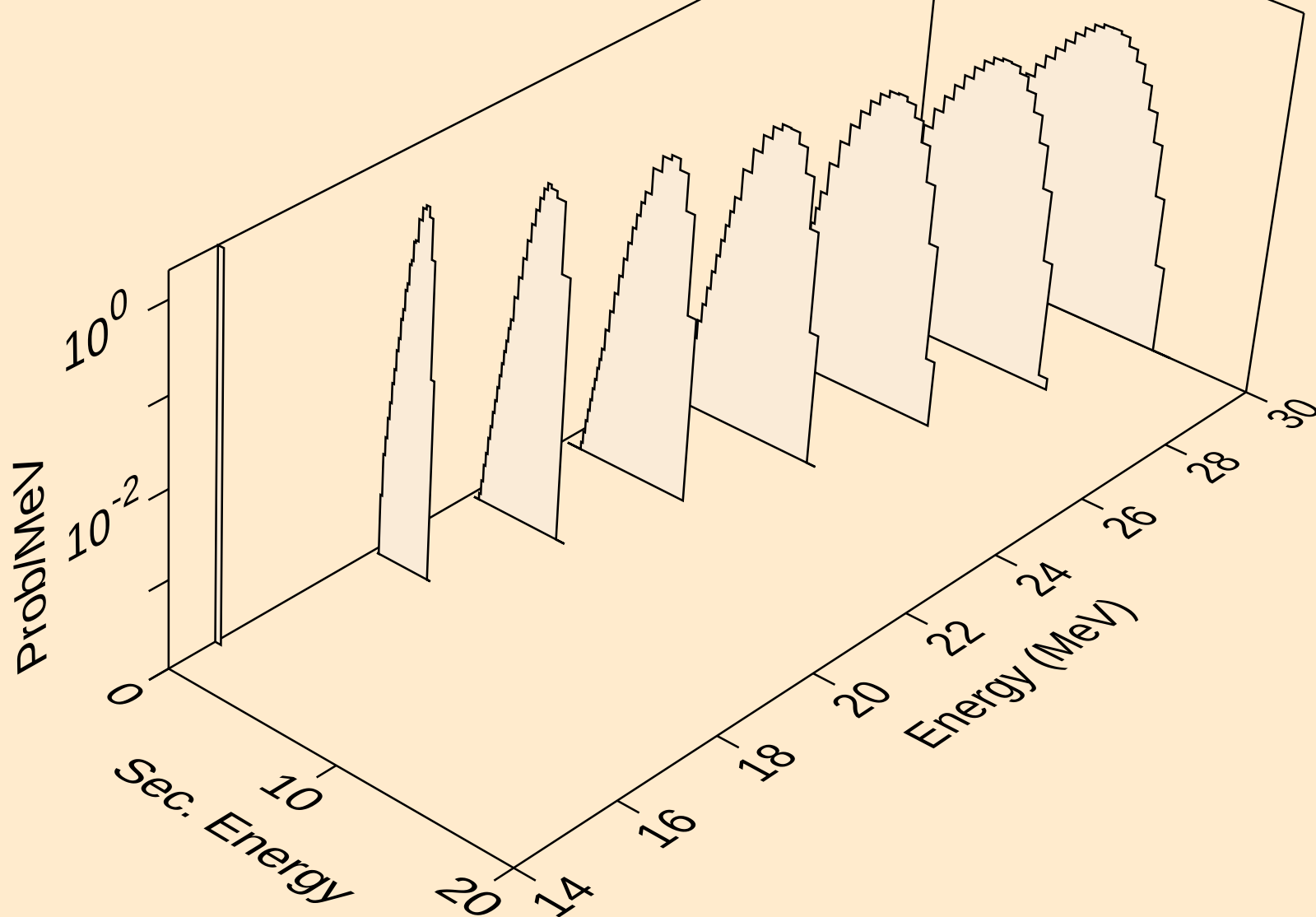
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



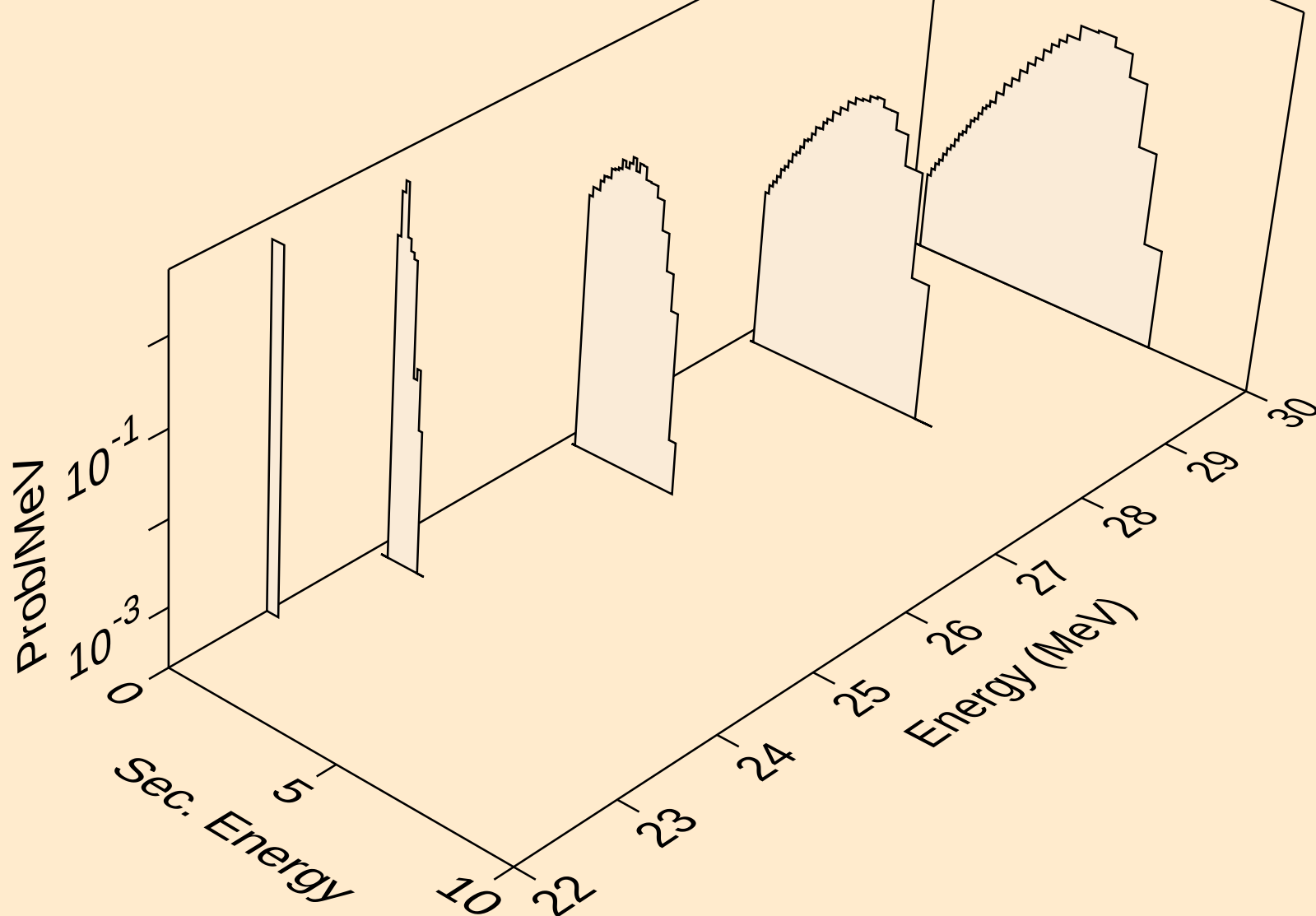
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



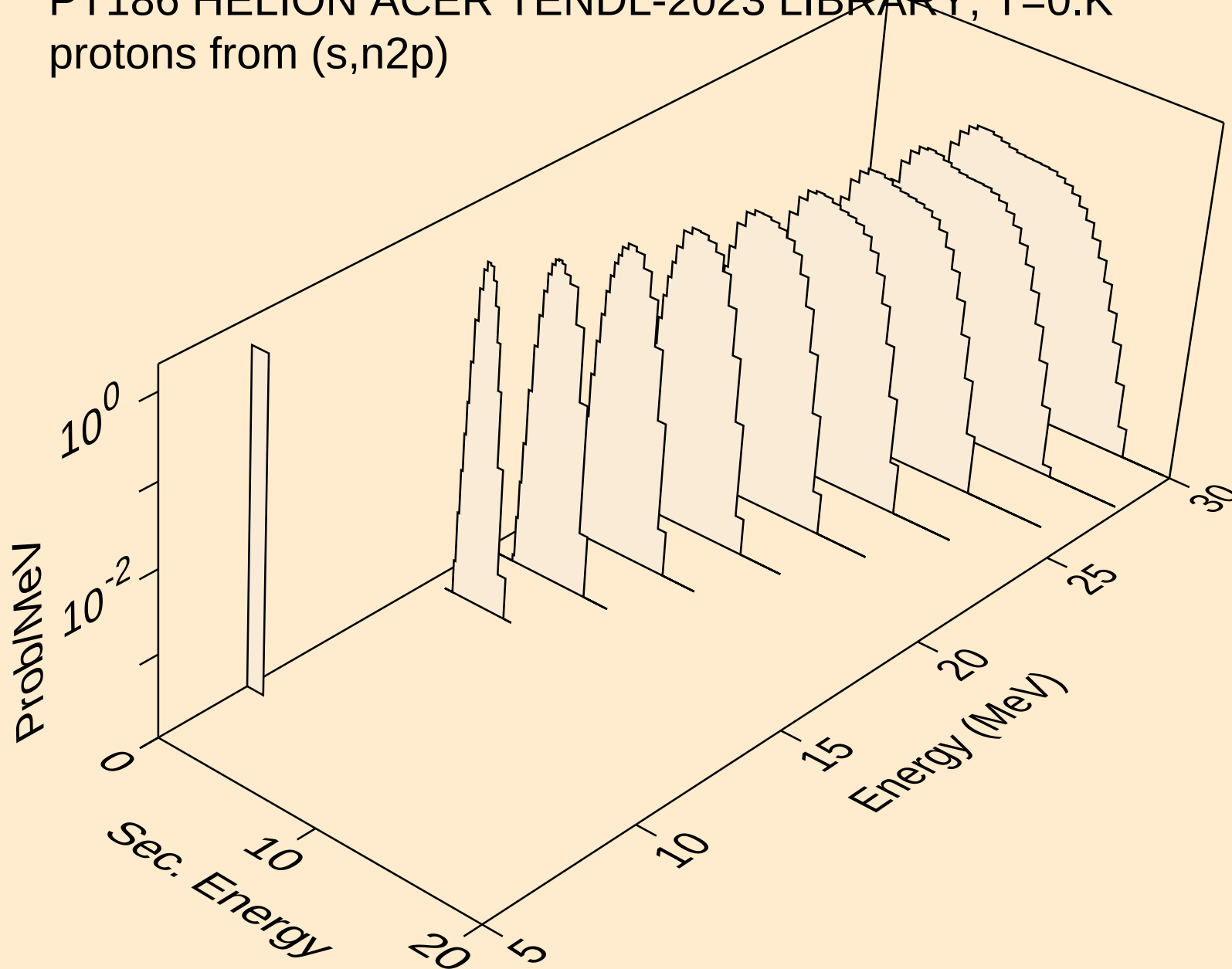
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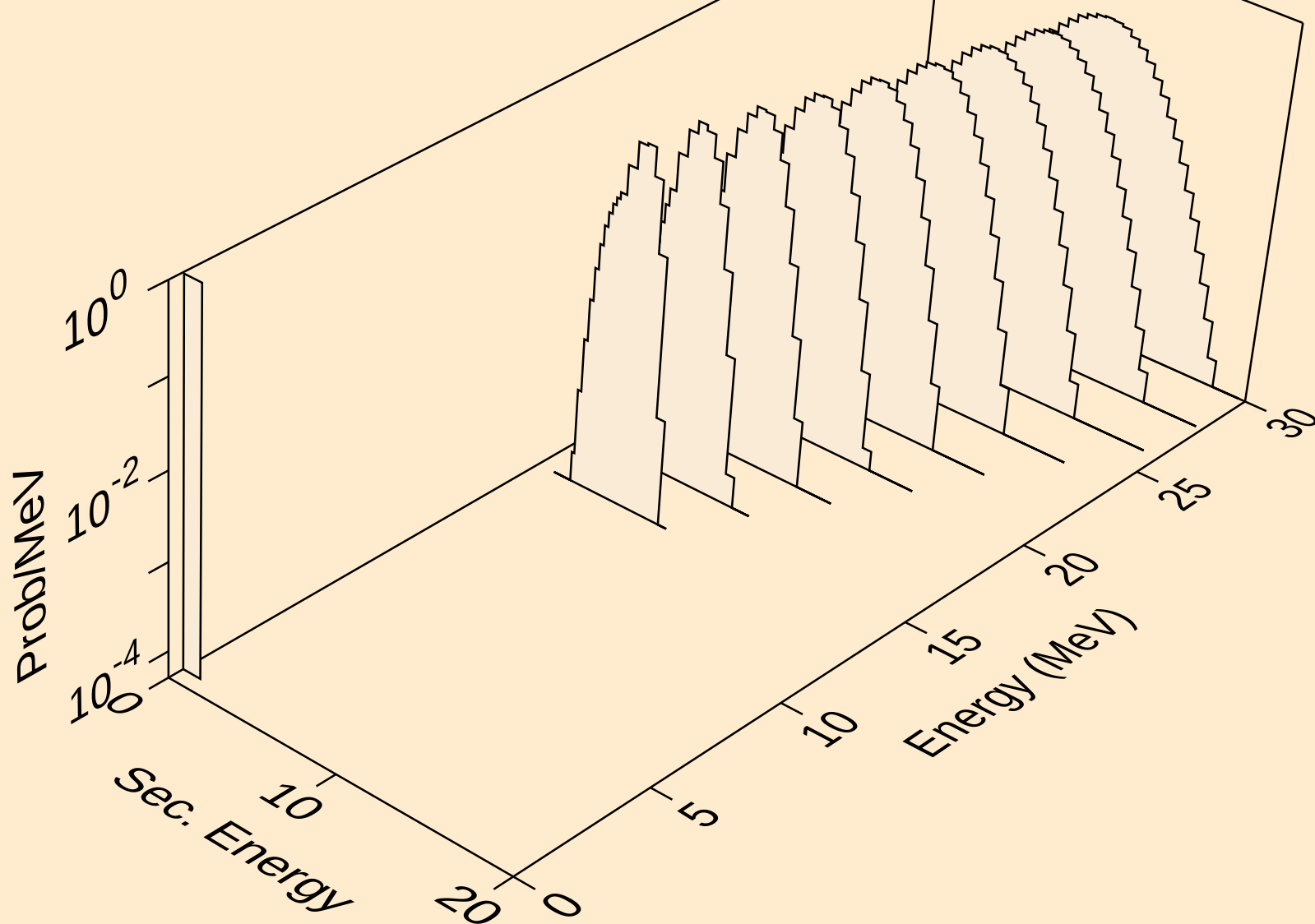
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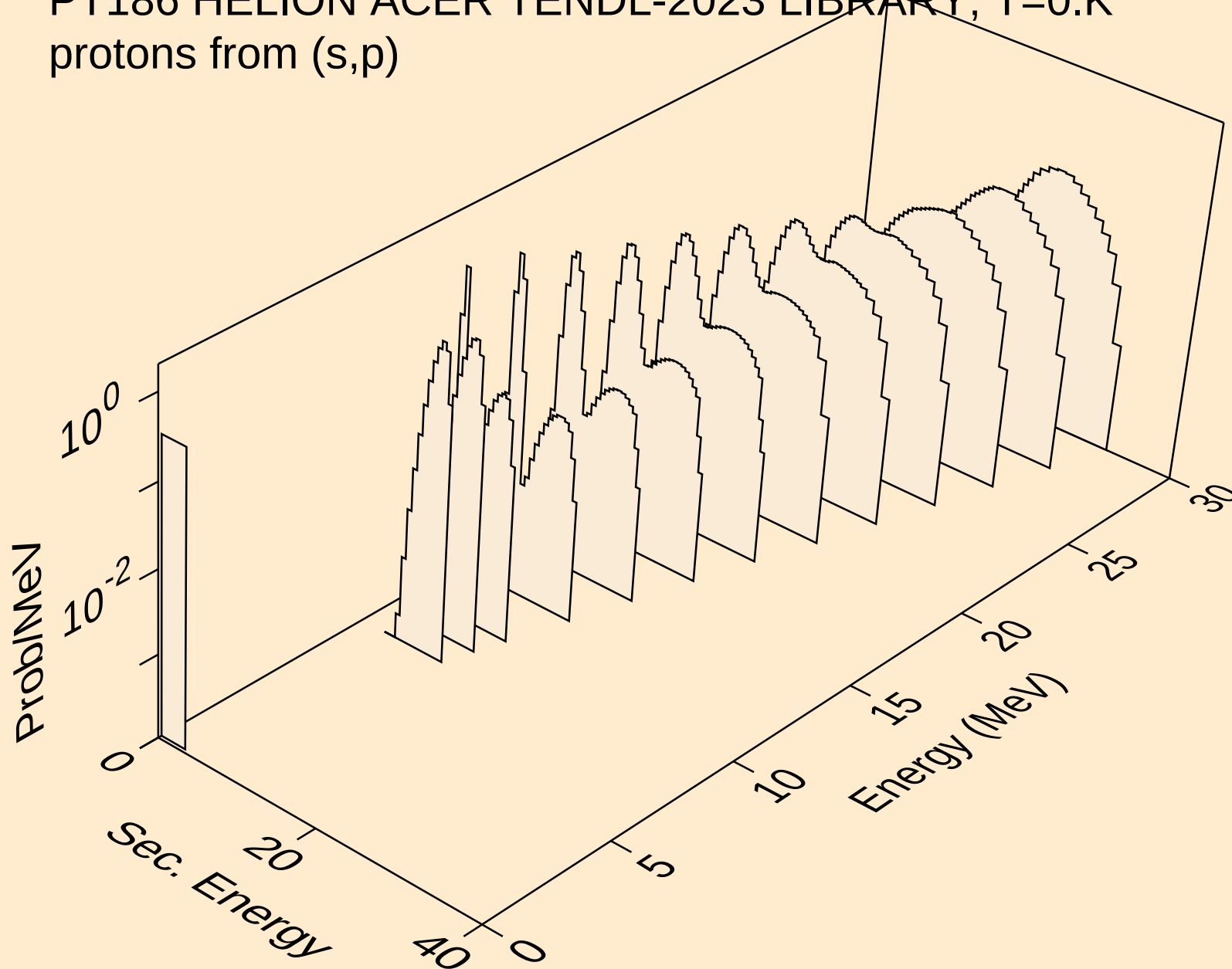
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protons from (s,n2p)



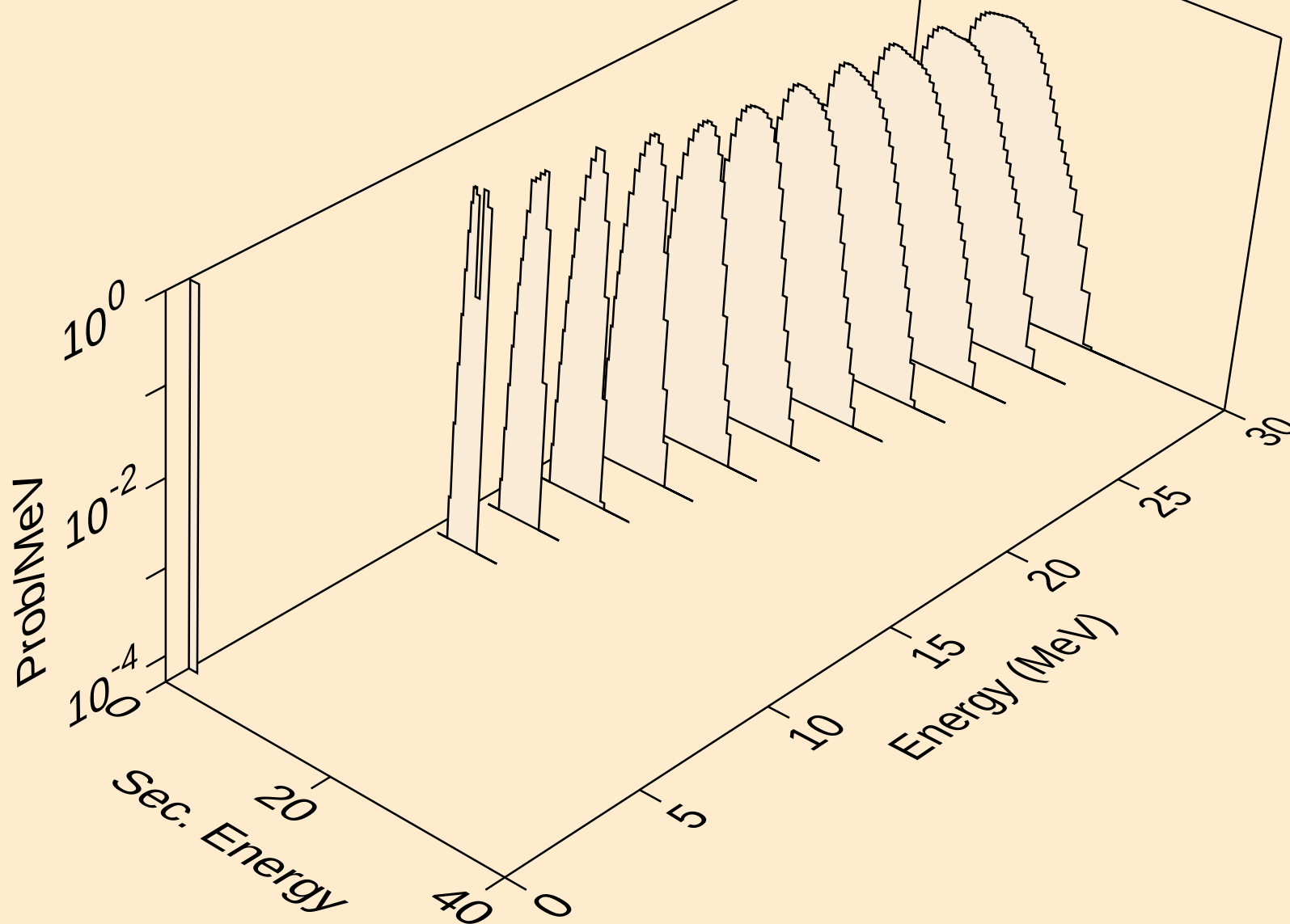
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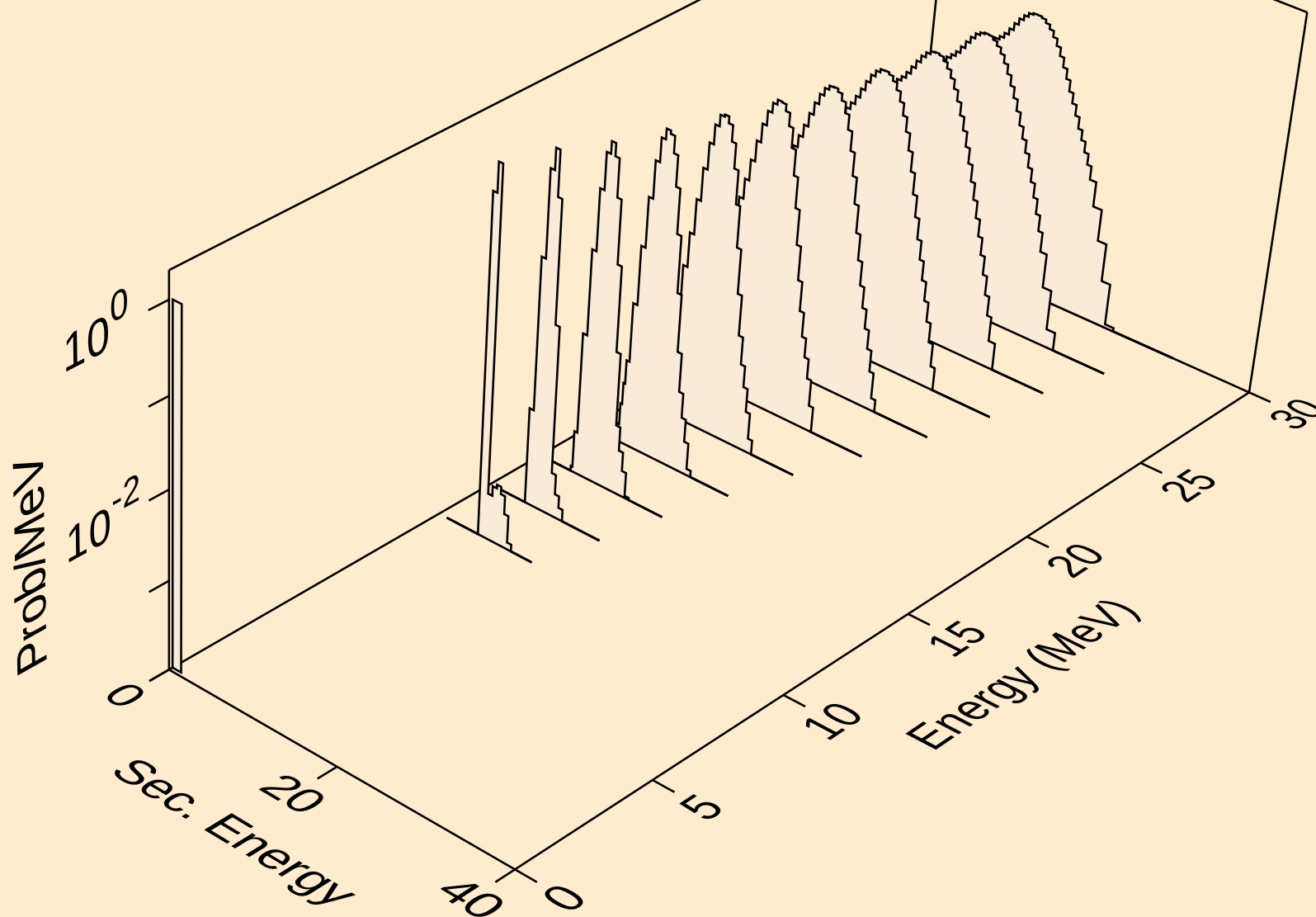
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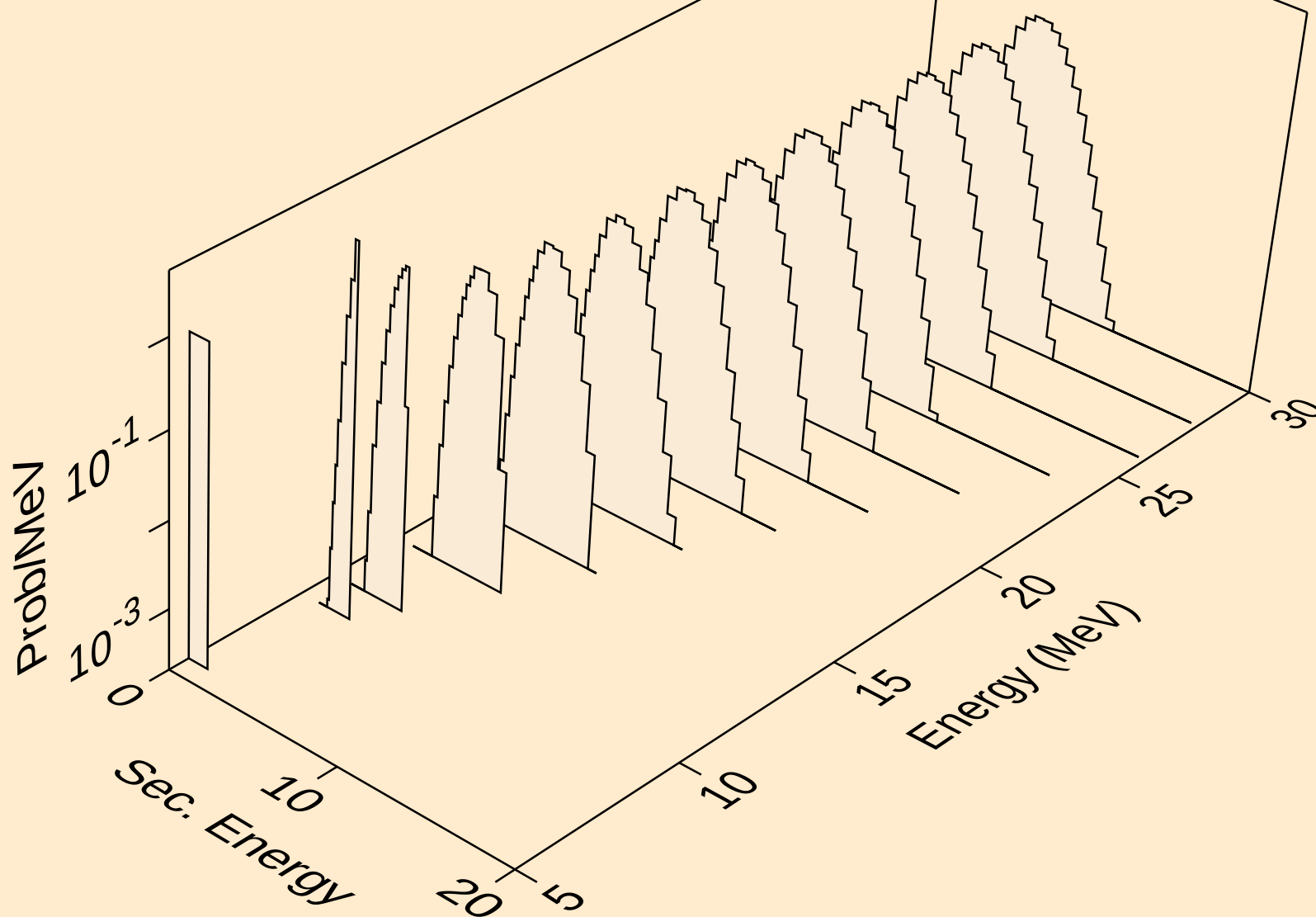
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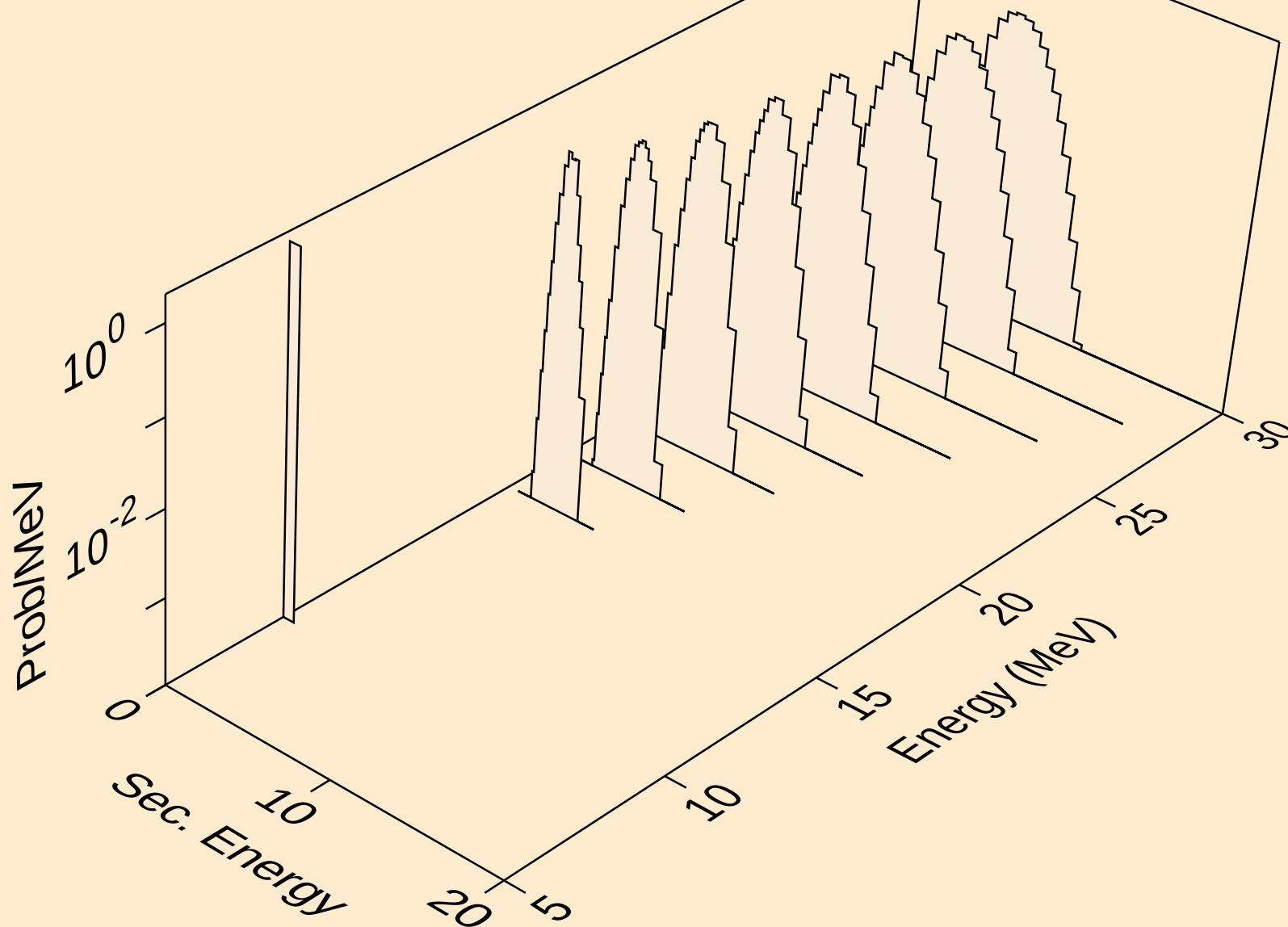
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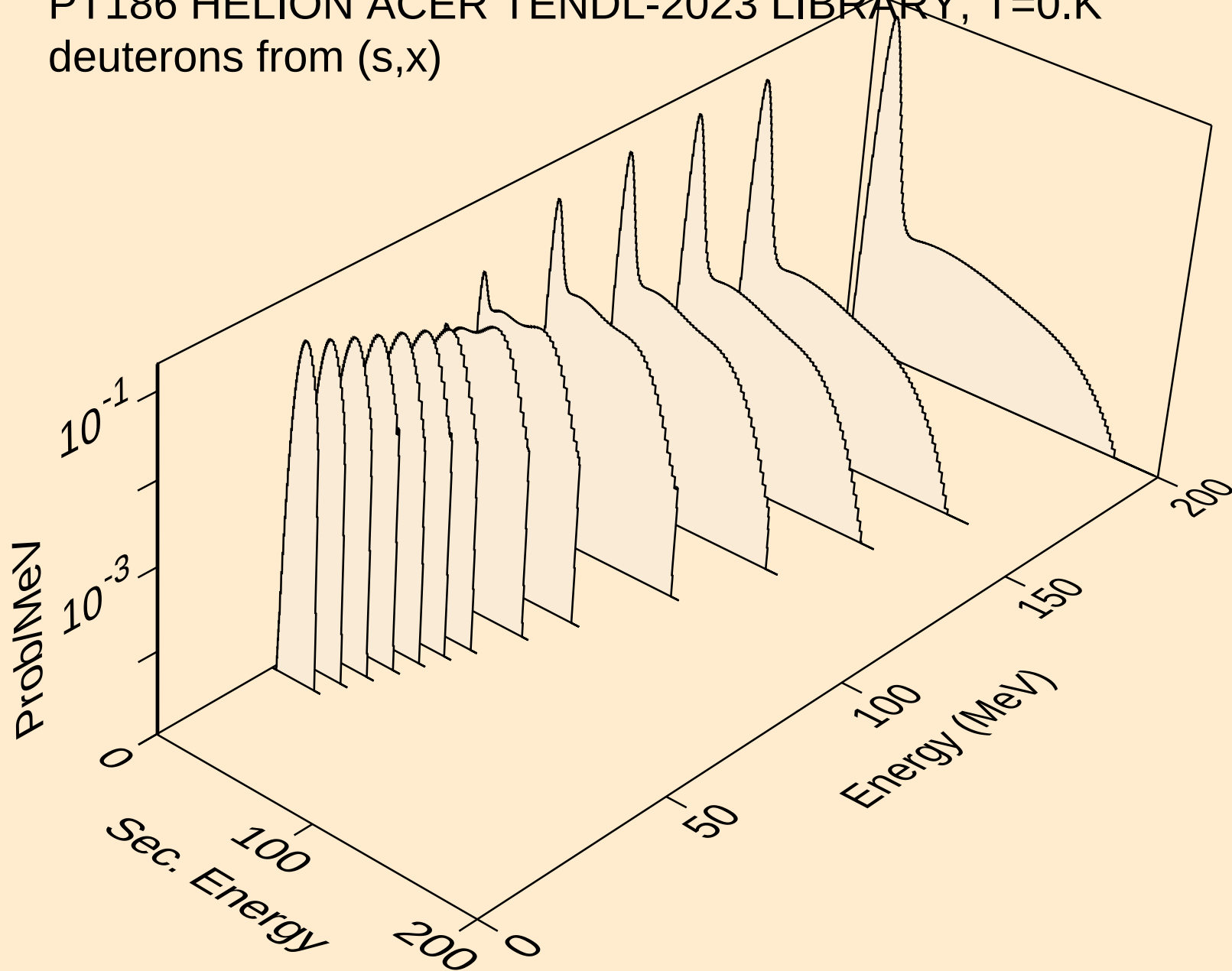
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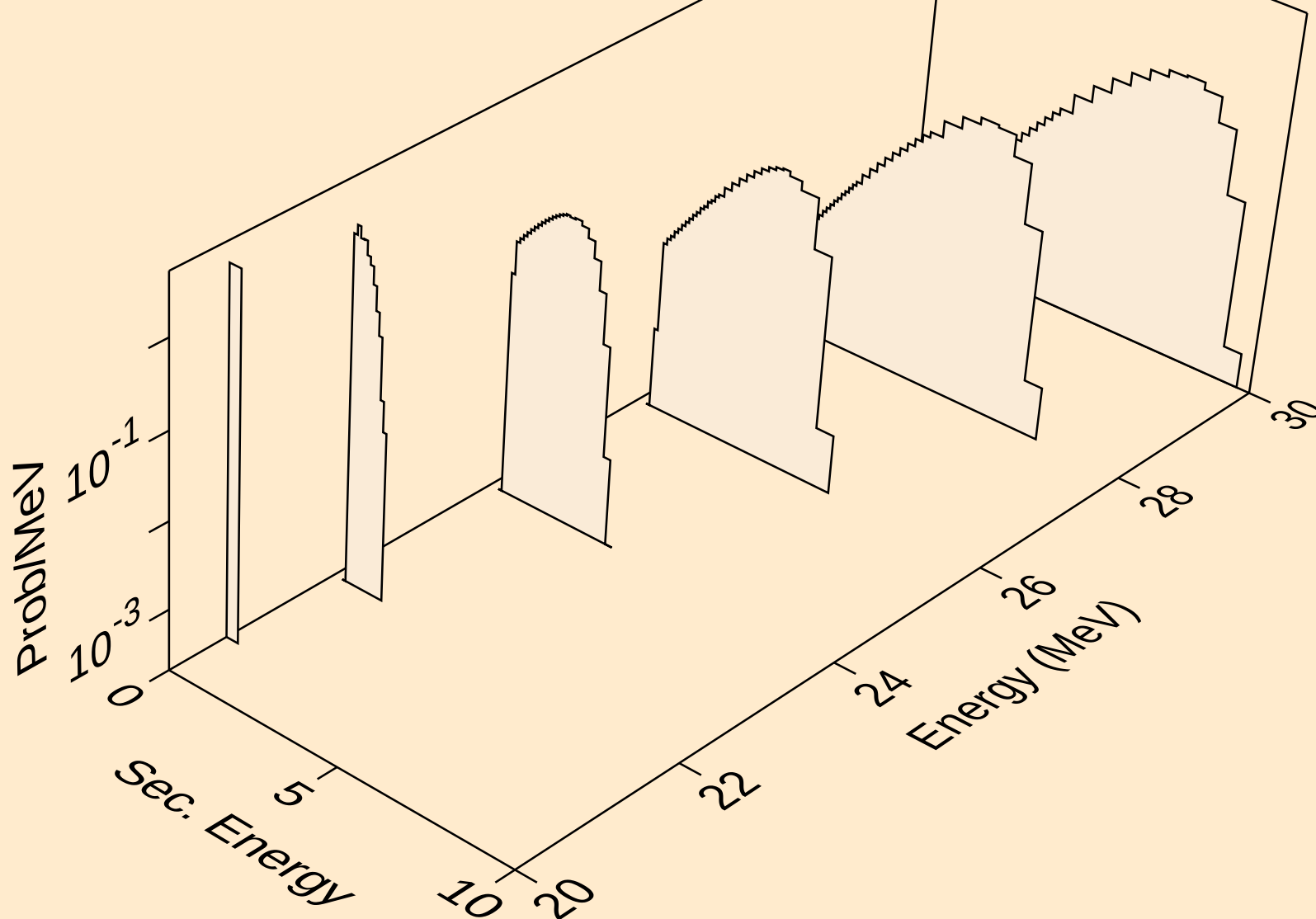
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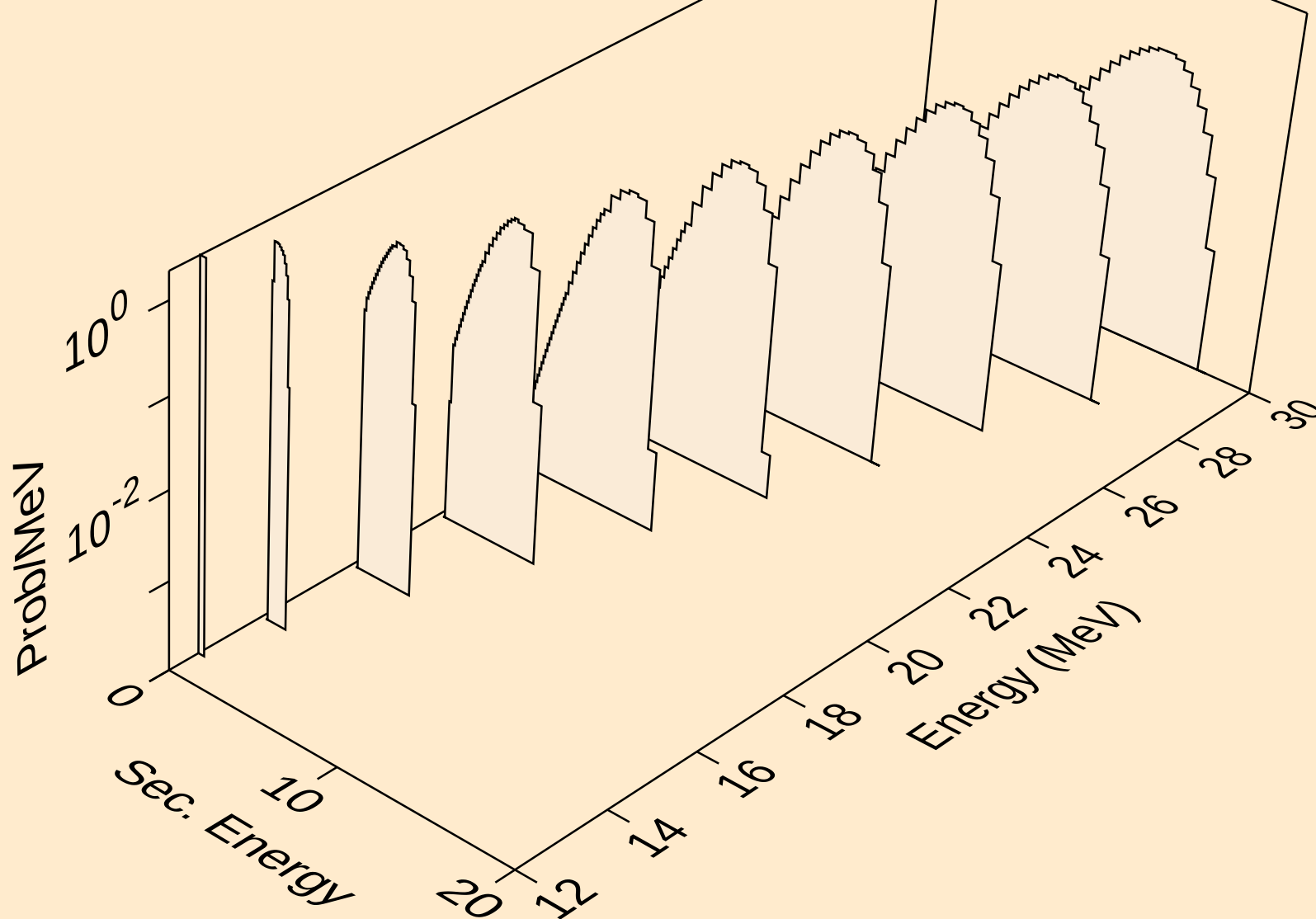
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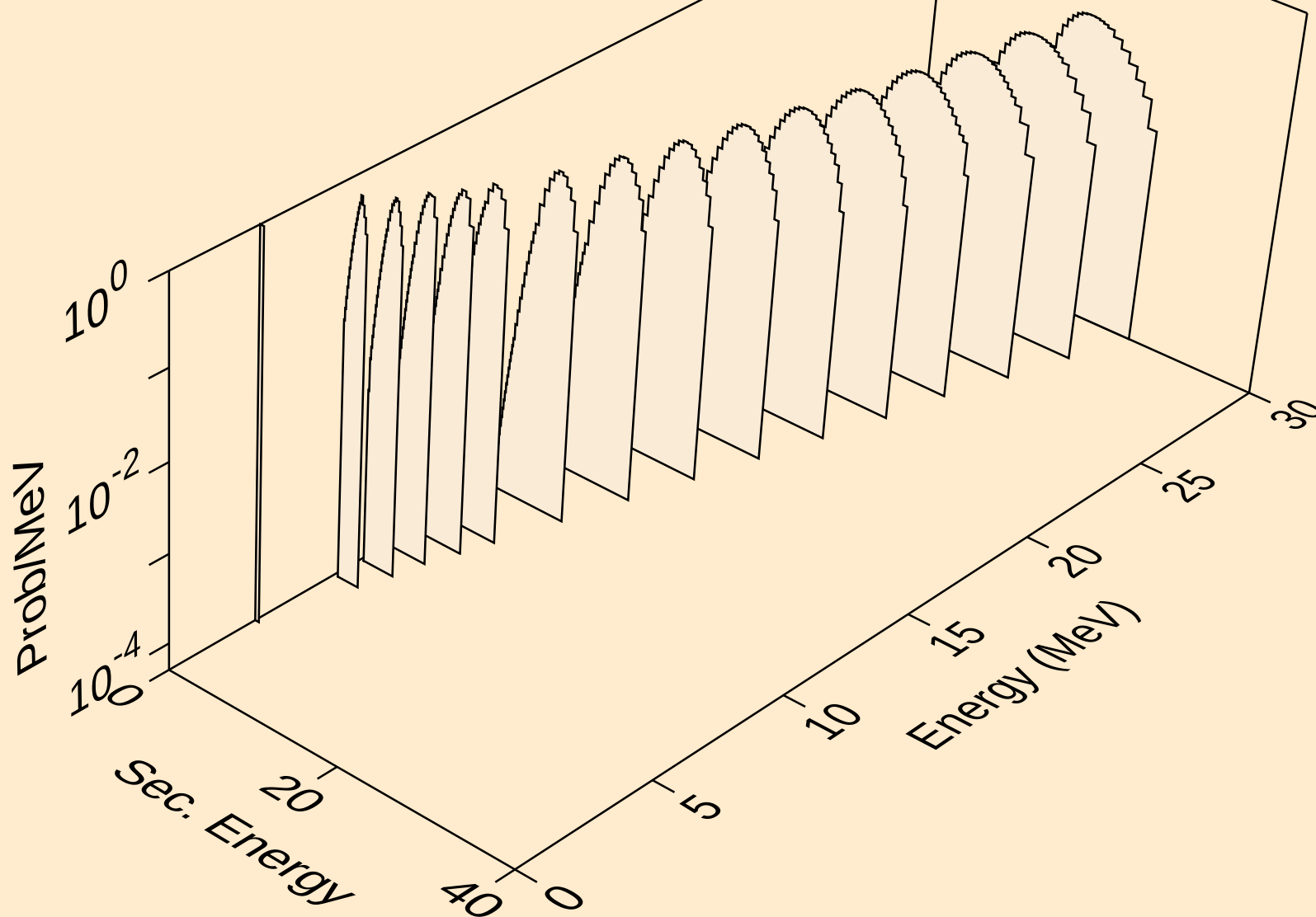
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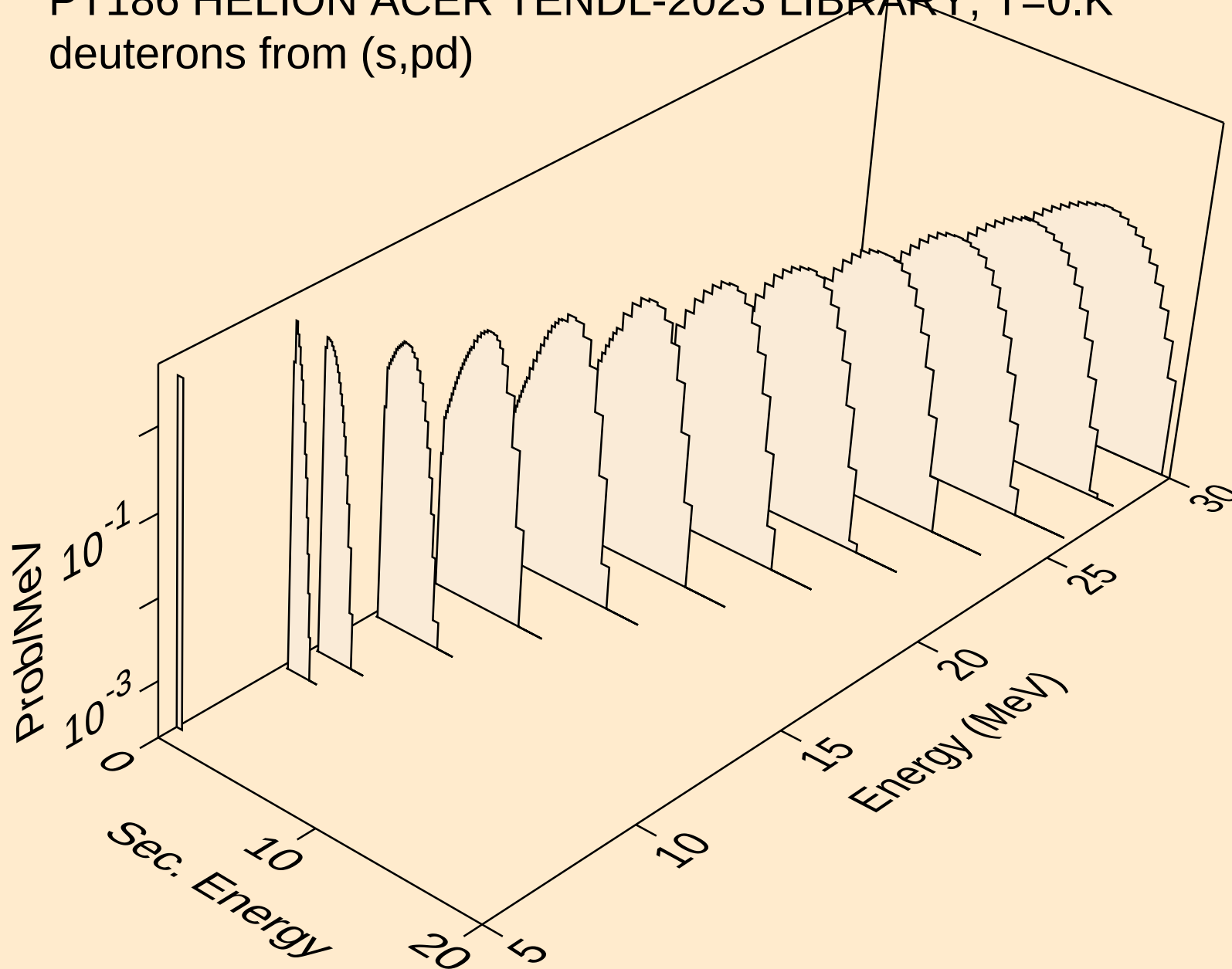
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



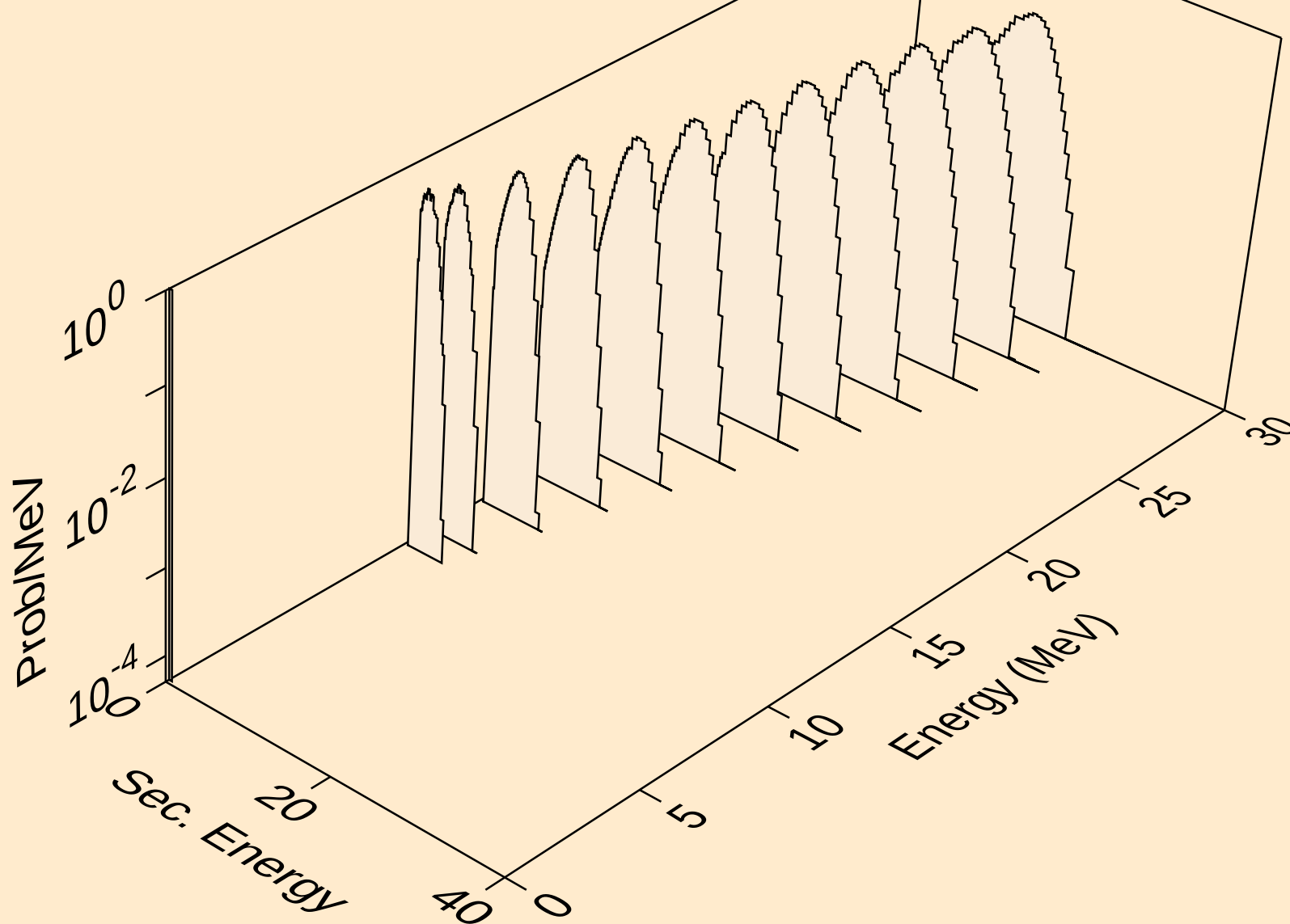
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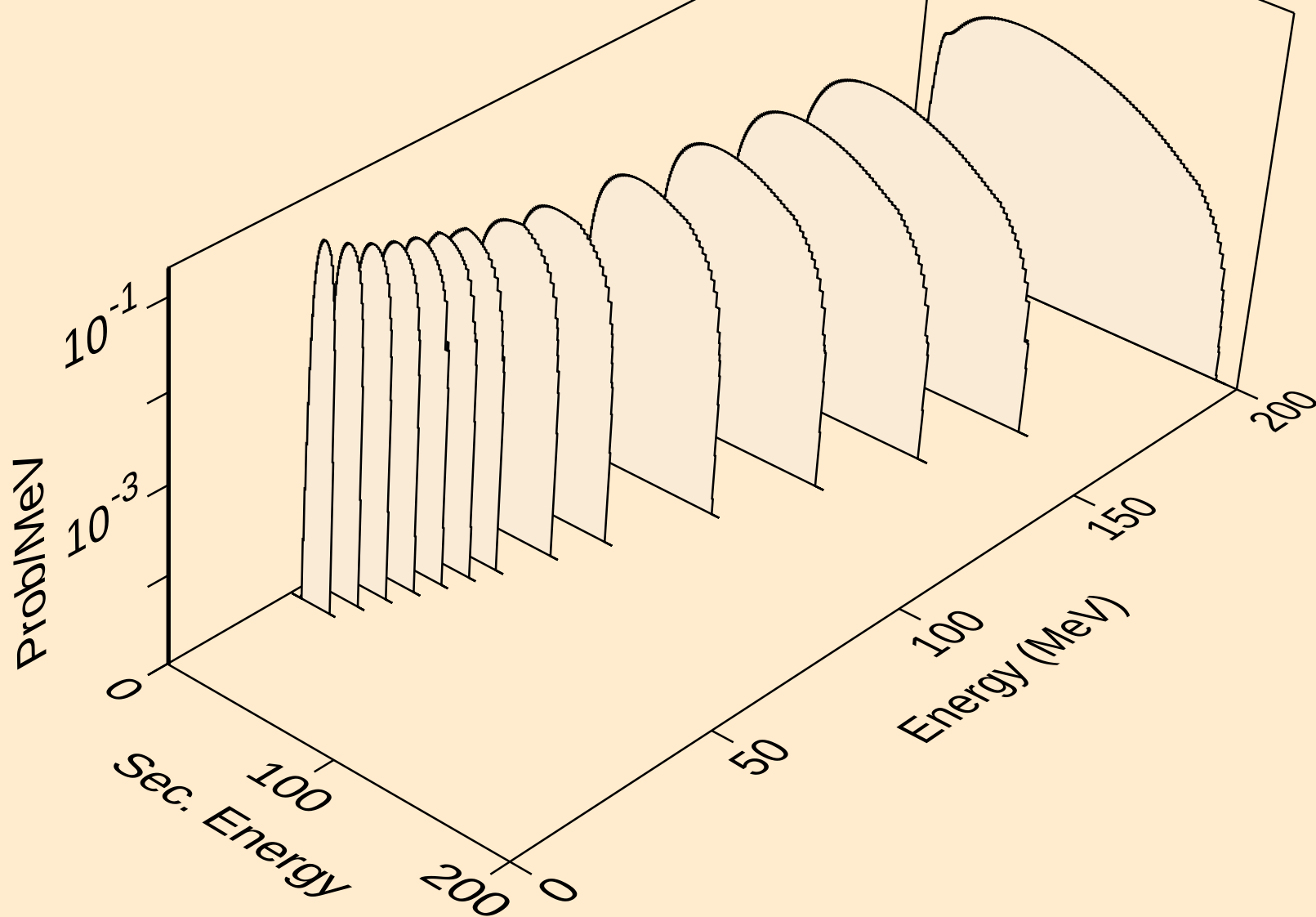
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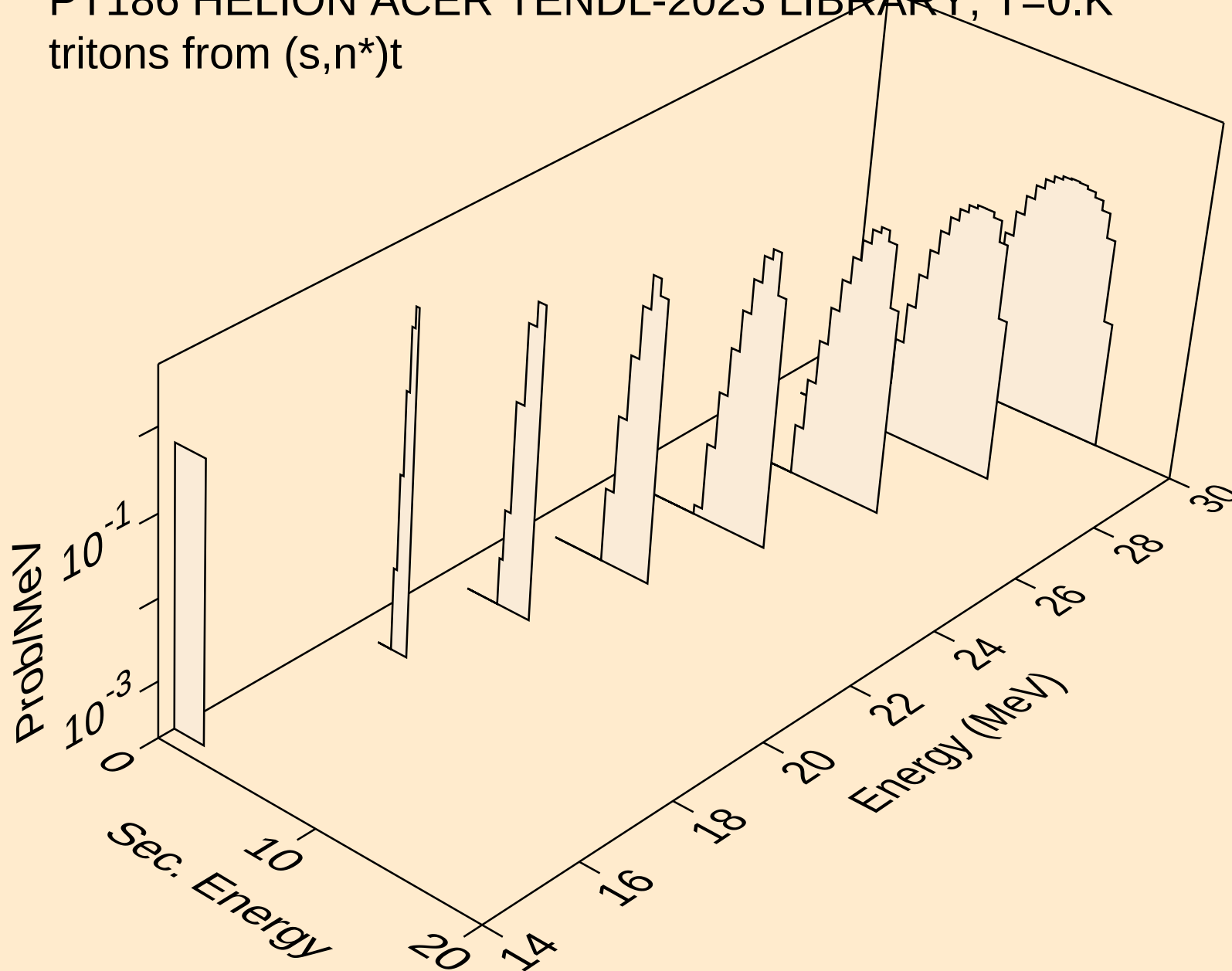
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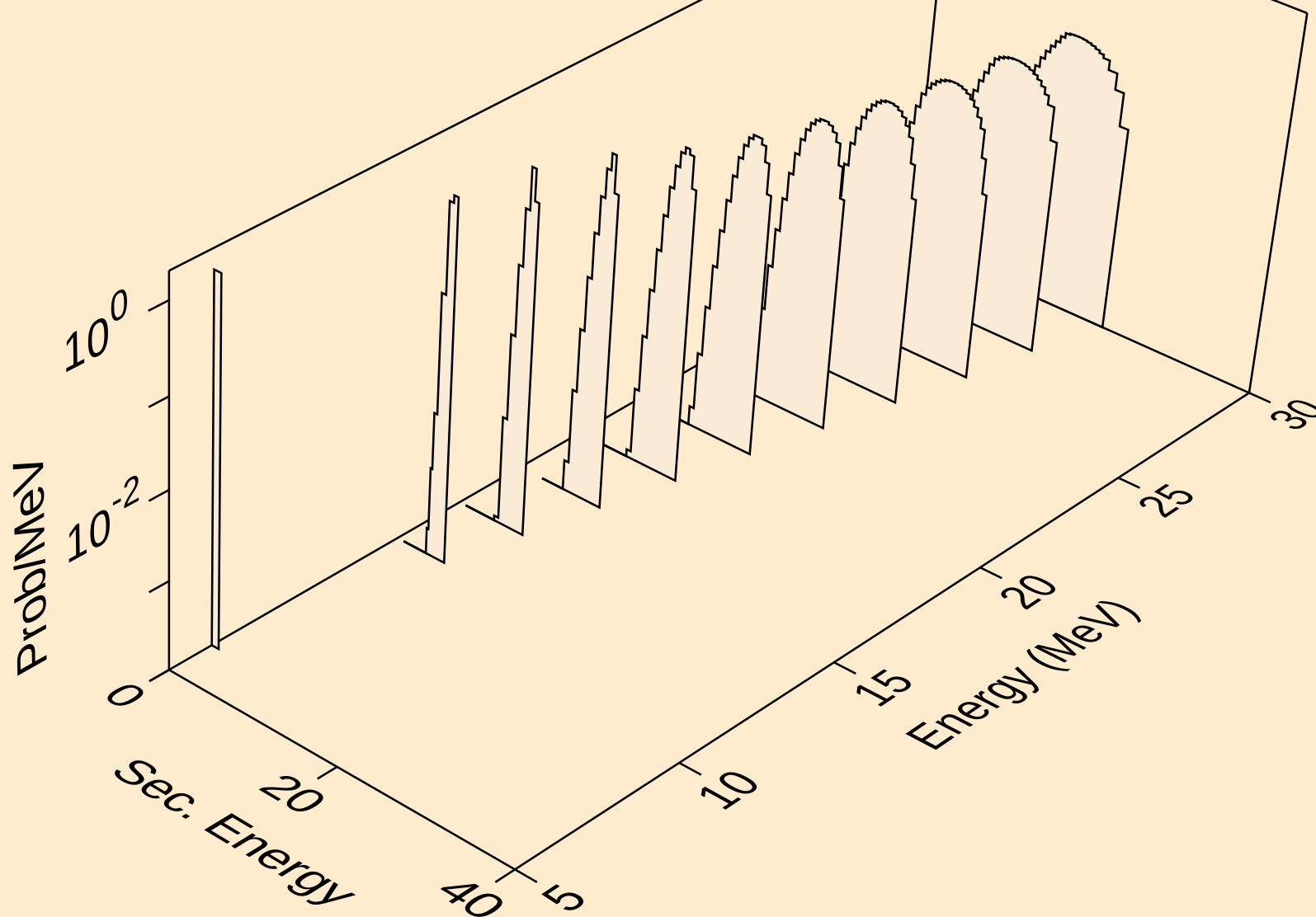
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tritons from (s,x)



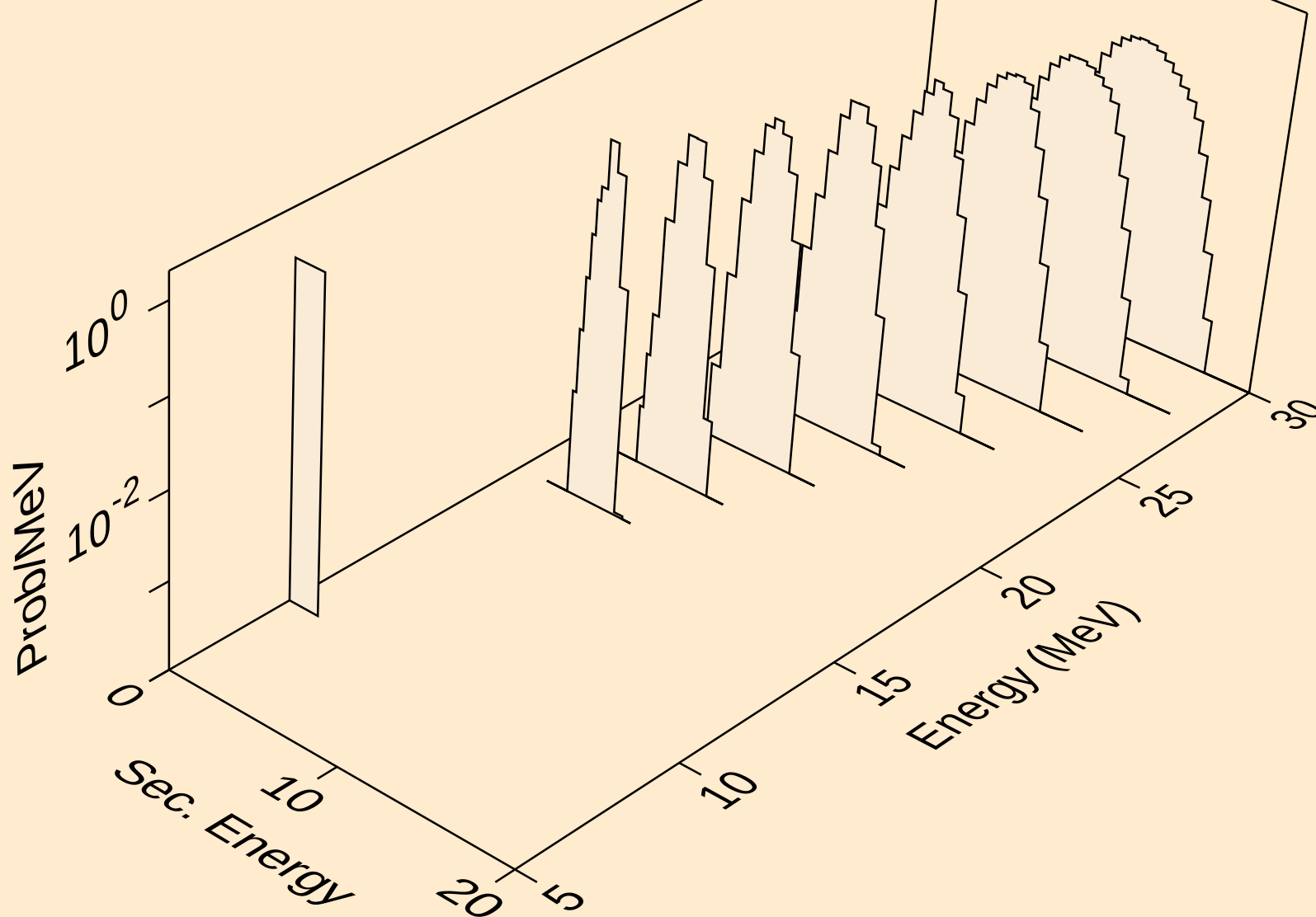
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tritons from (s,n\*)t



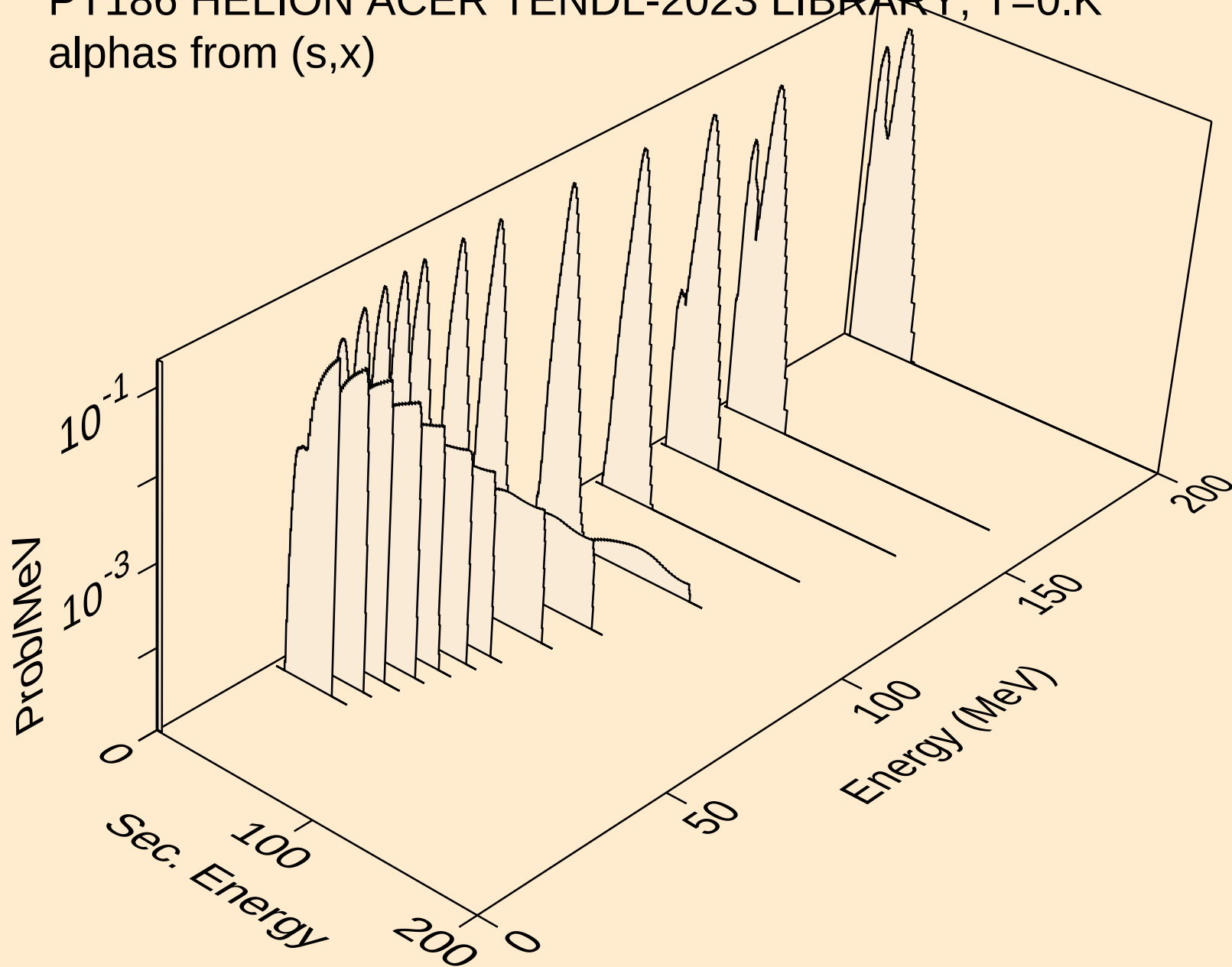
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tritons from (s,t)



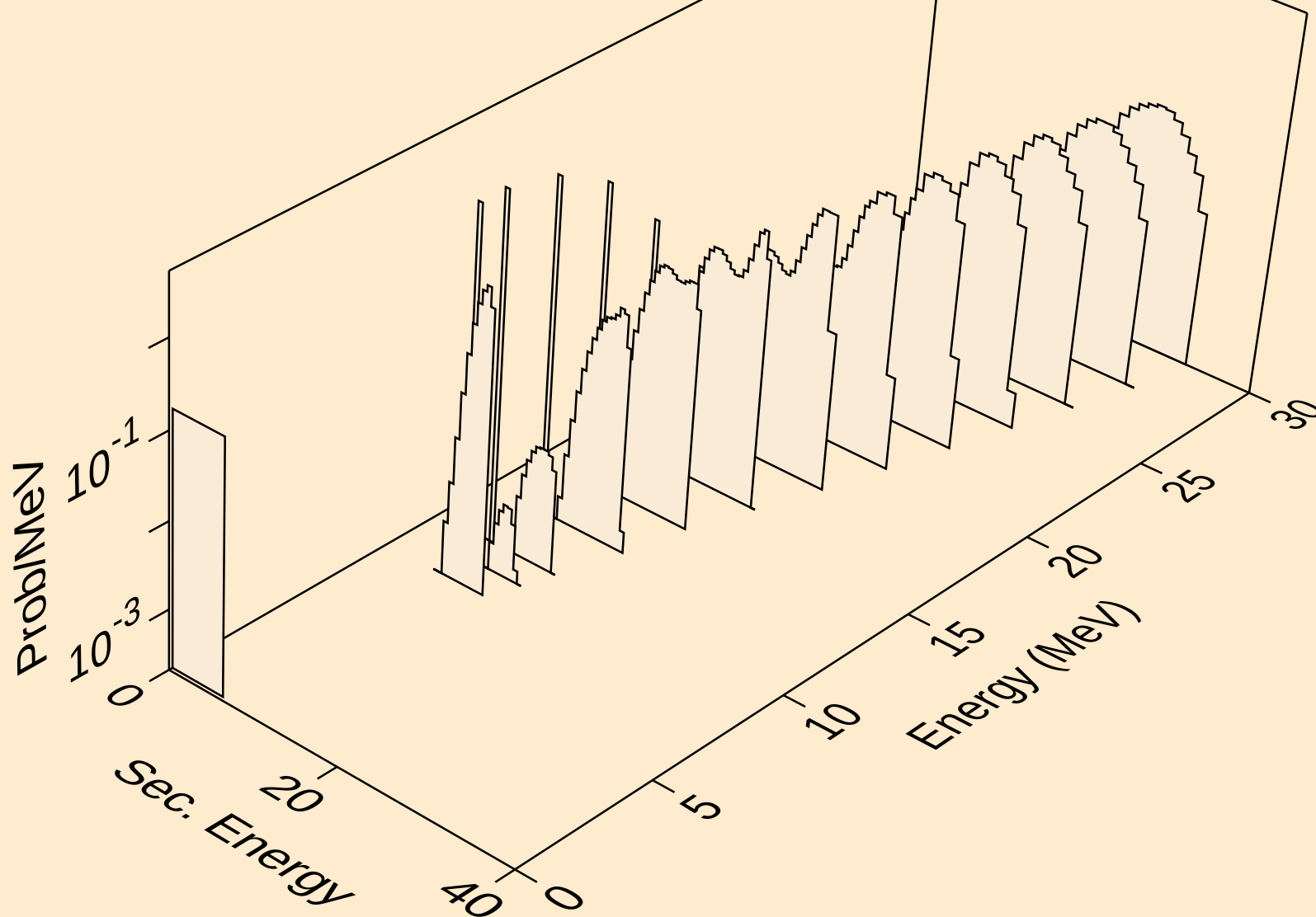
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tritons from (s,pt)



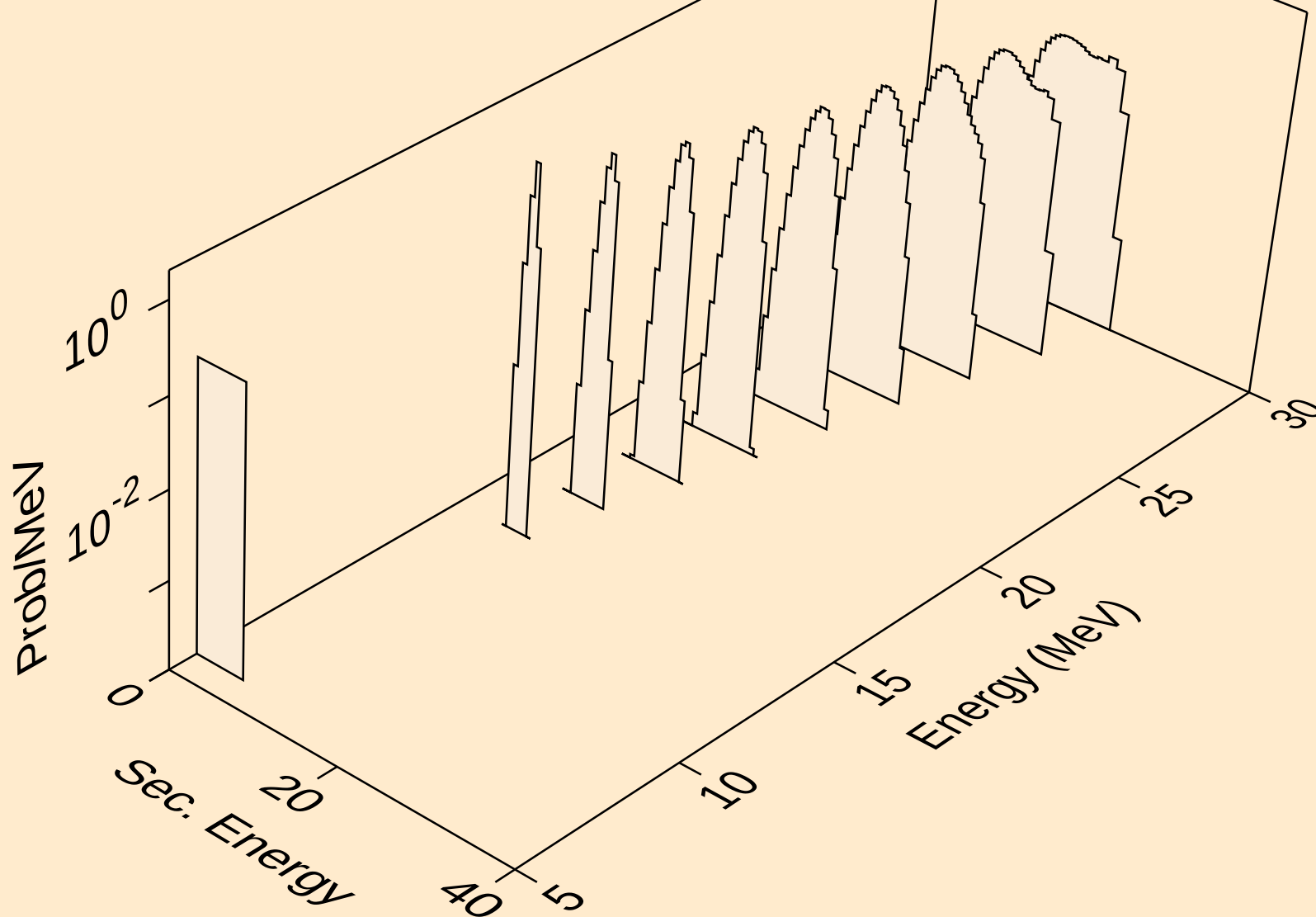
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alphas from (s,x)



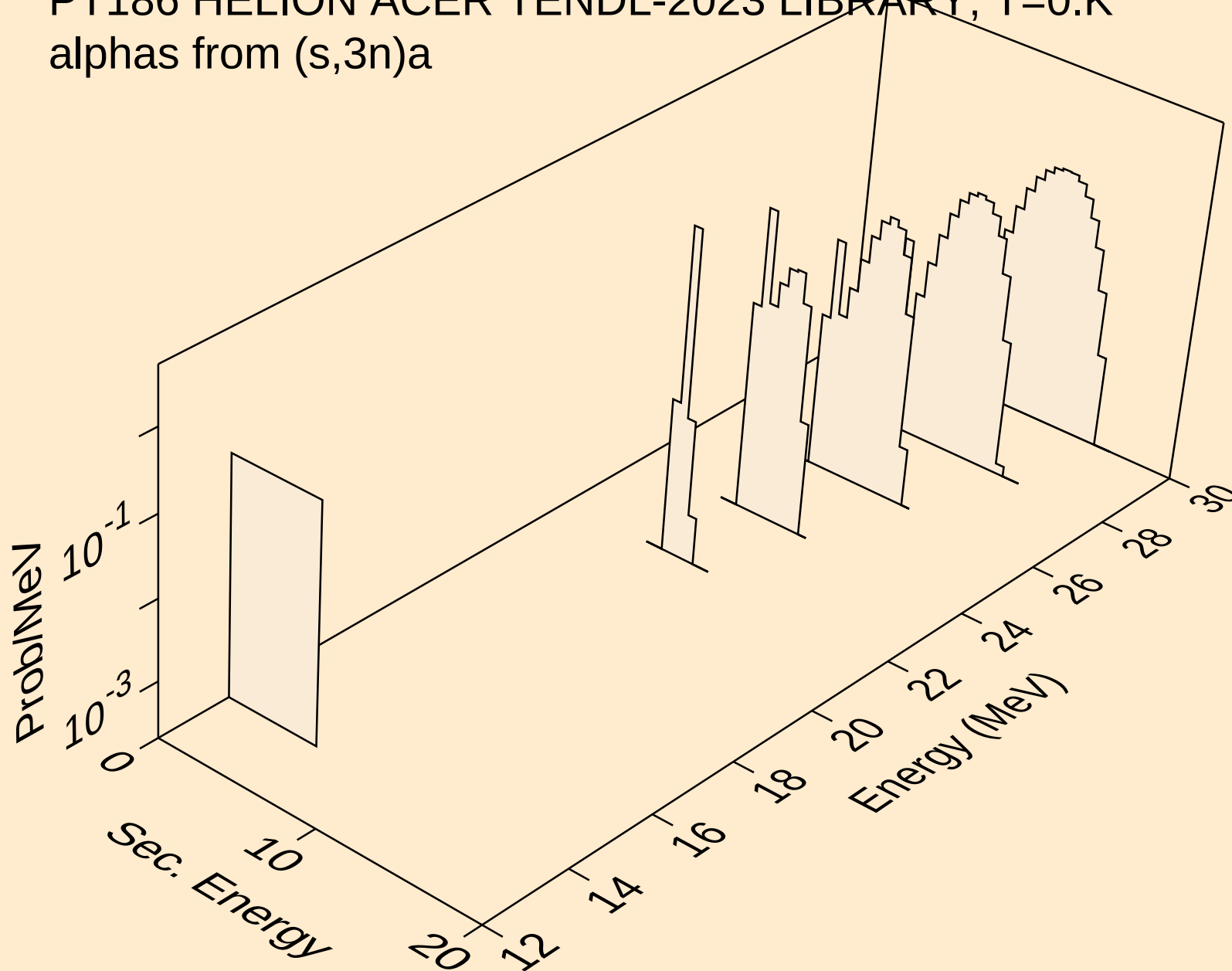
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



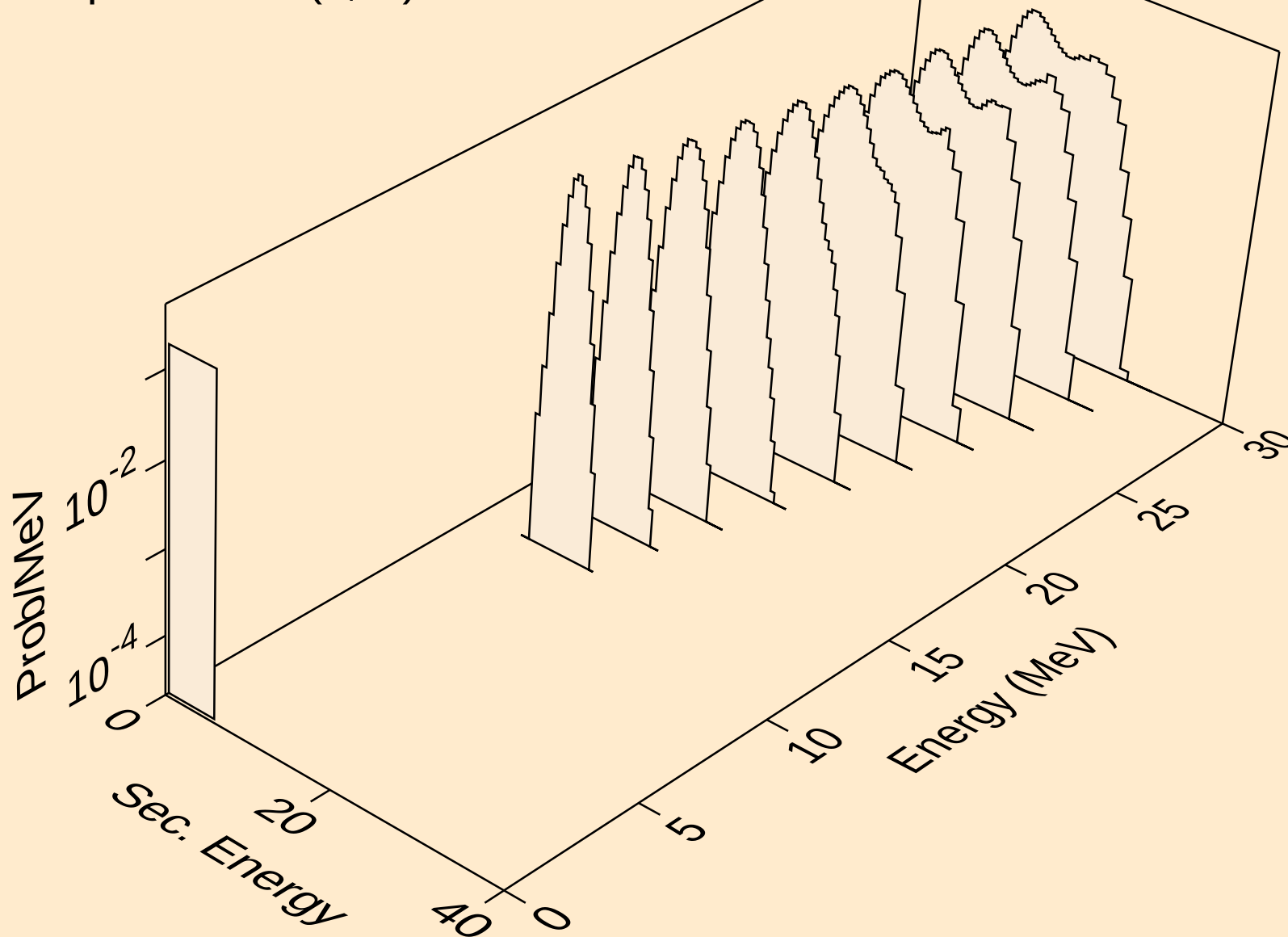
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alphas from (s,2n)a



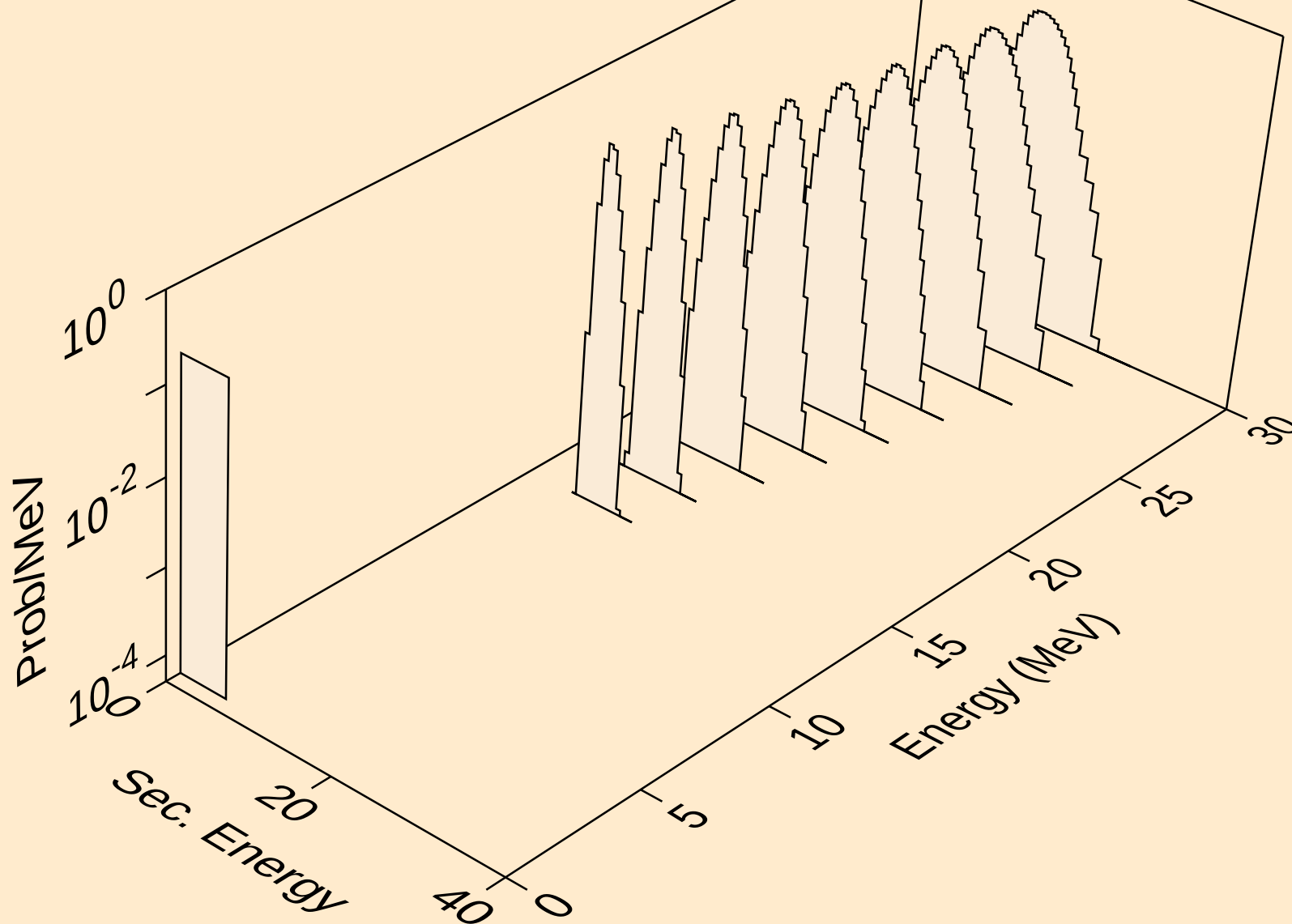
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alphas from (s,3n)a



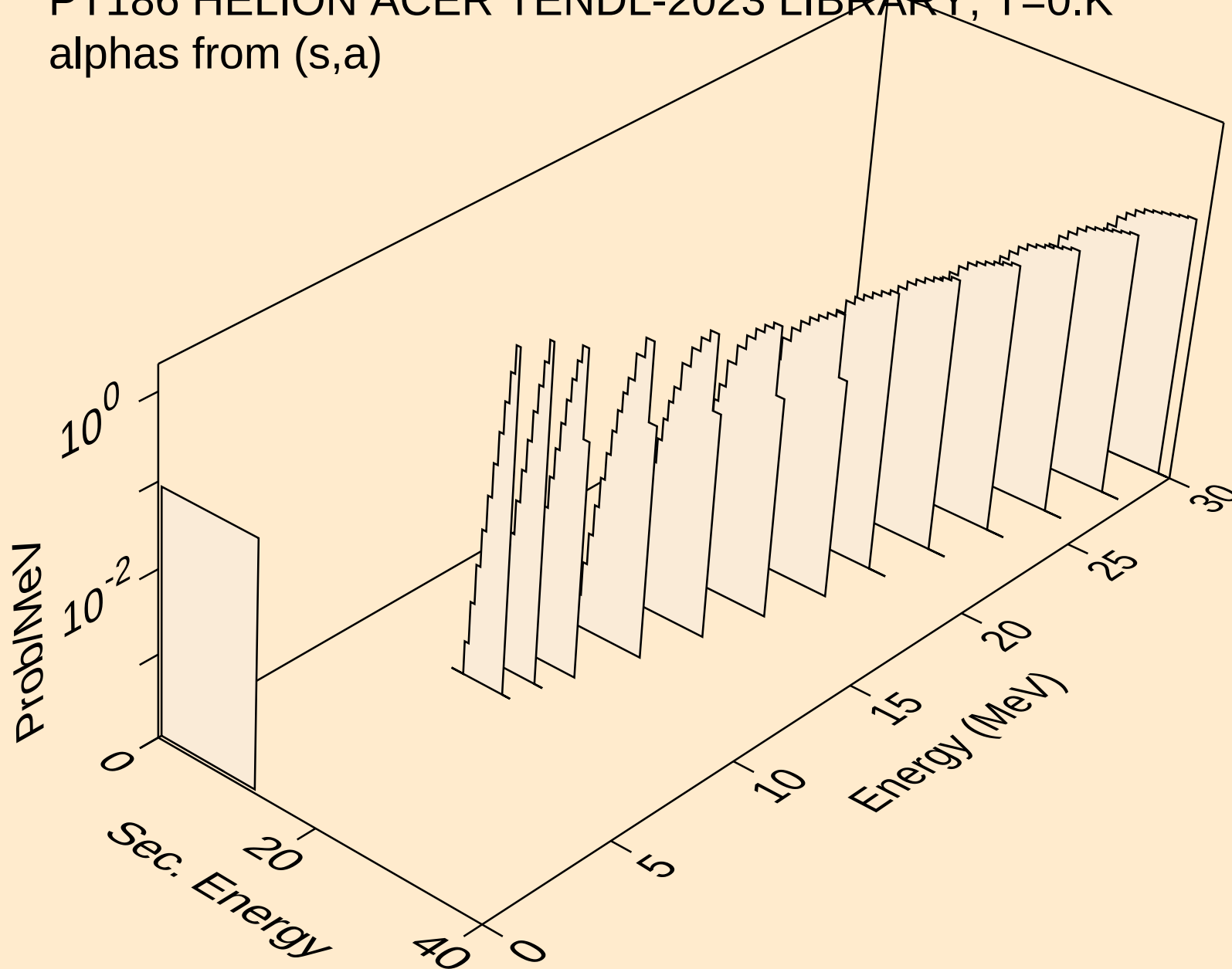
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alphas from (s,n\*)2a



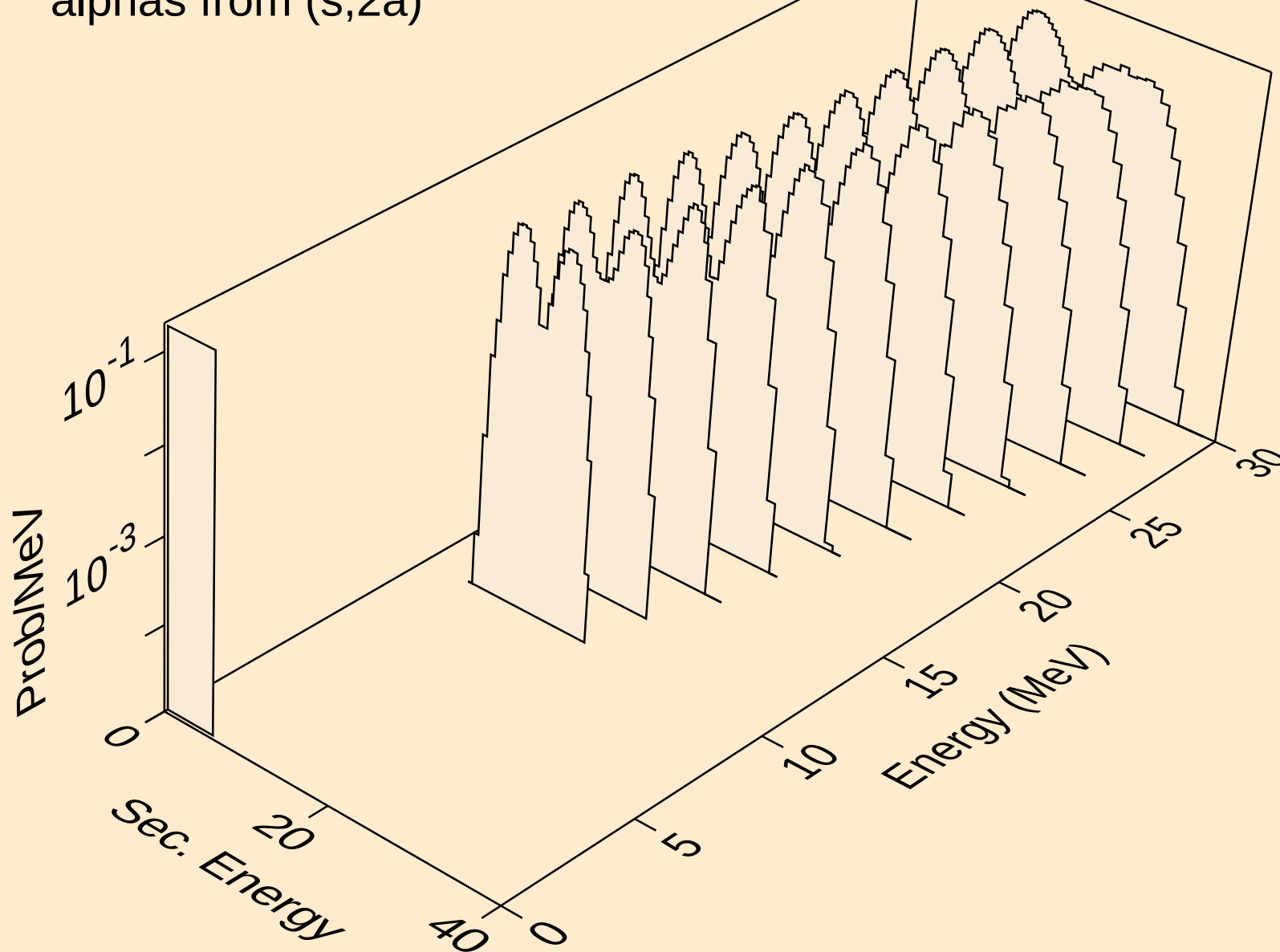
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alphas from (s,npa)



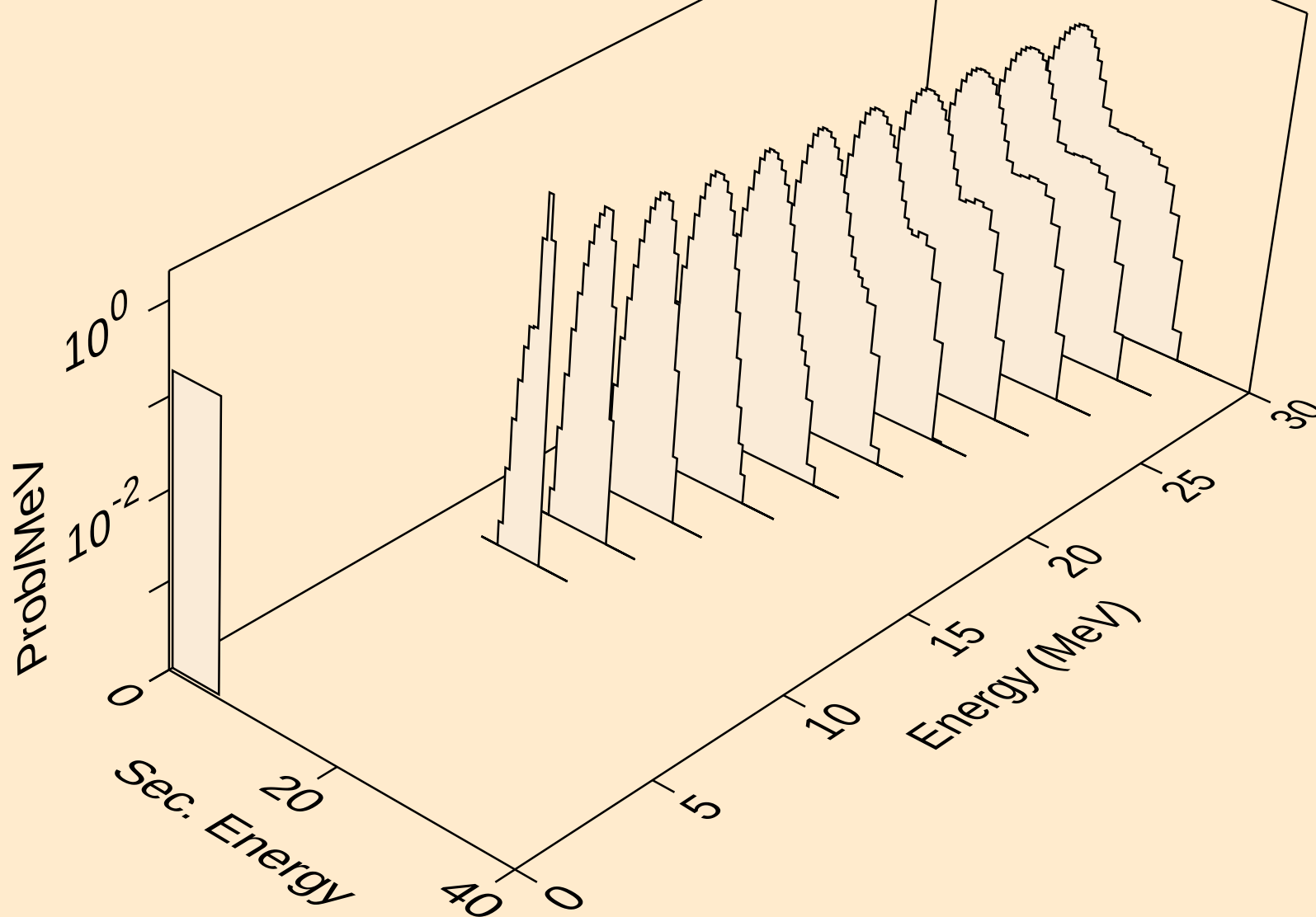
PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



PT186 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

