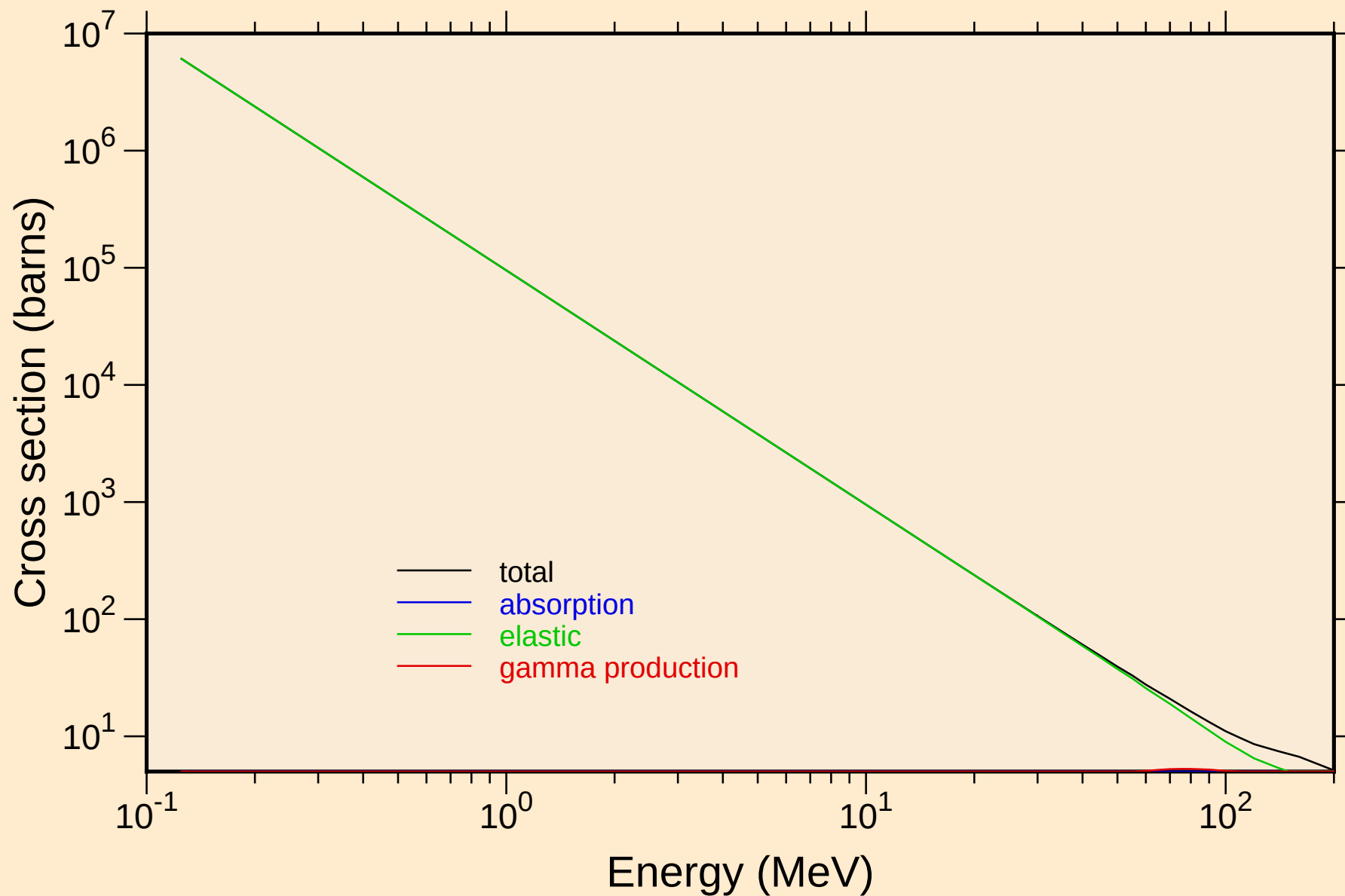


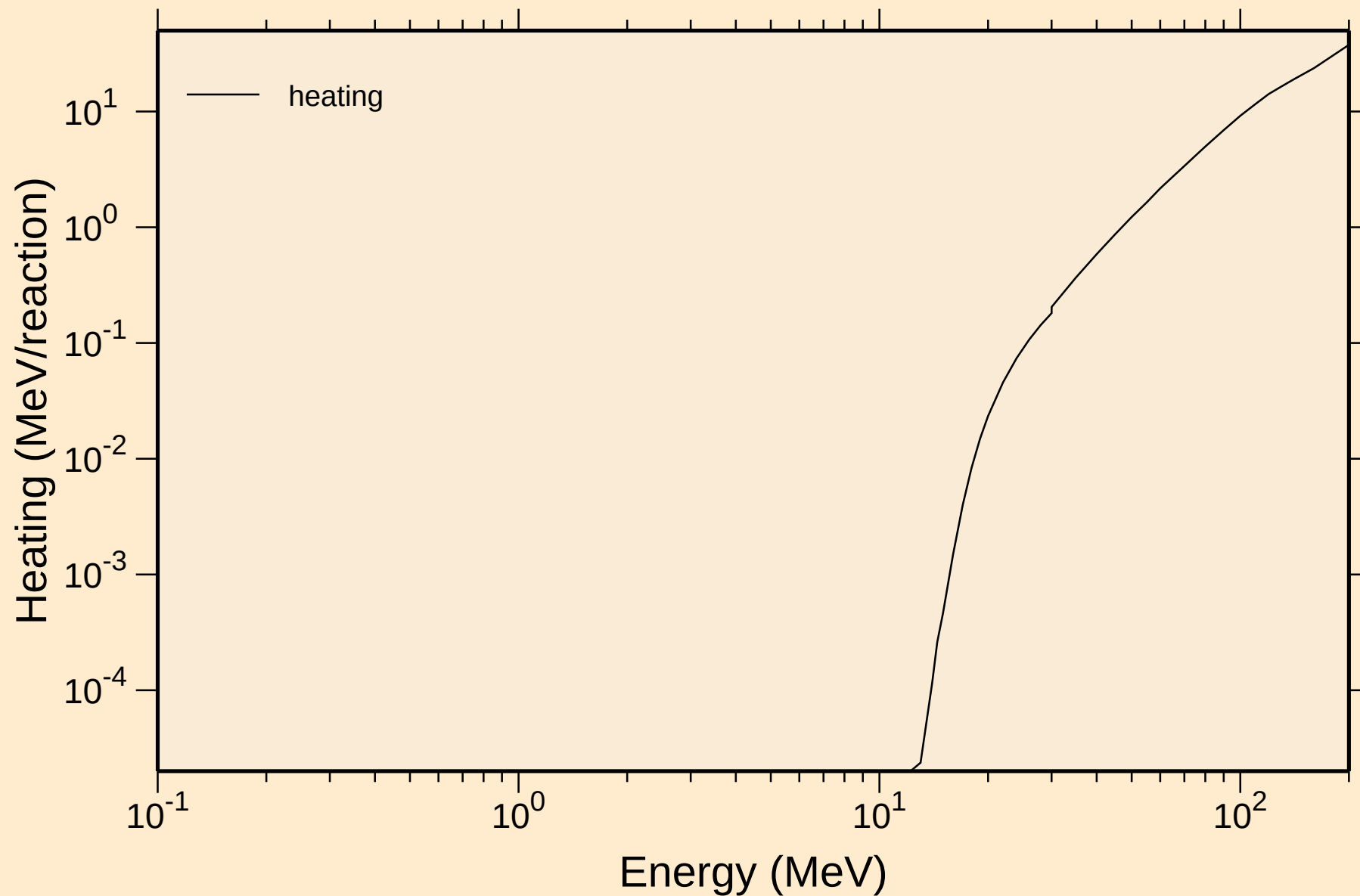
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



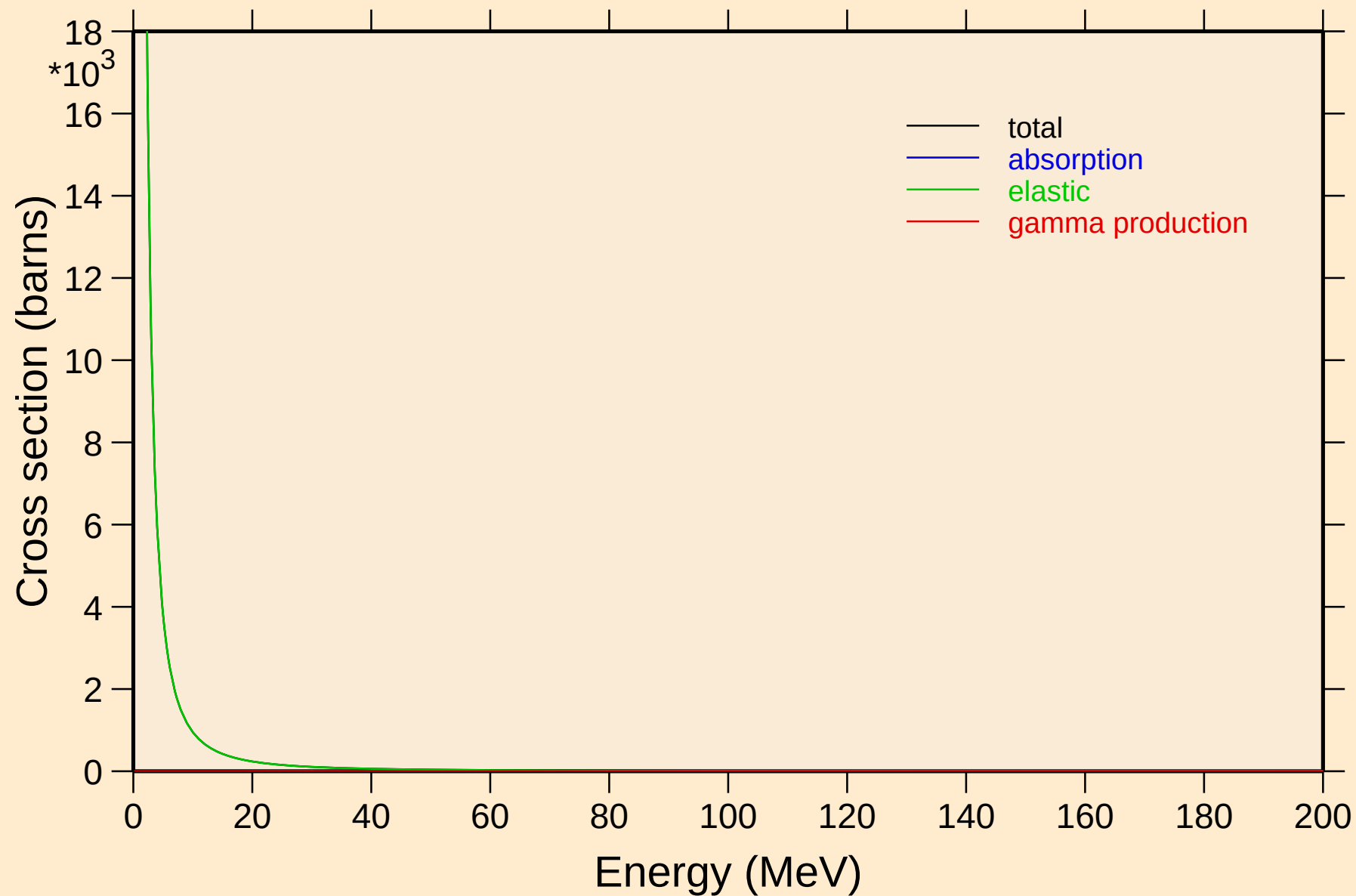
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



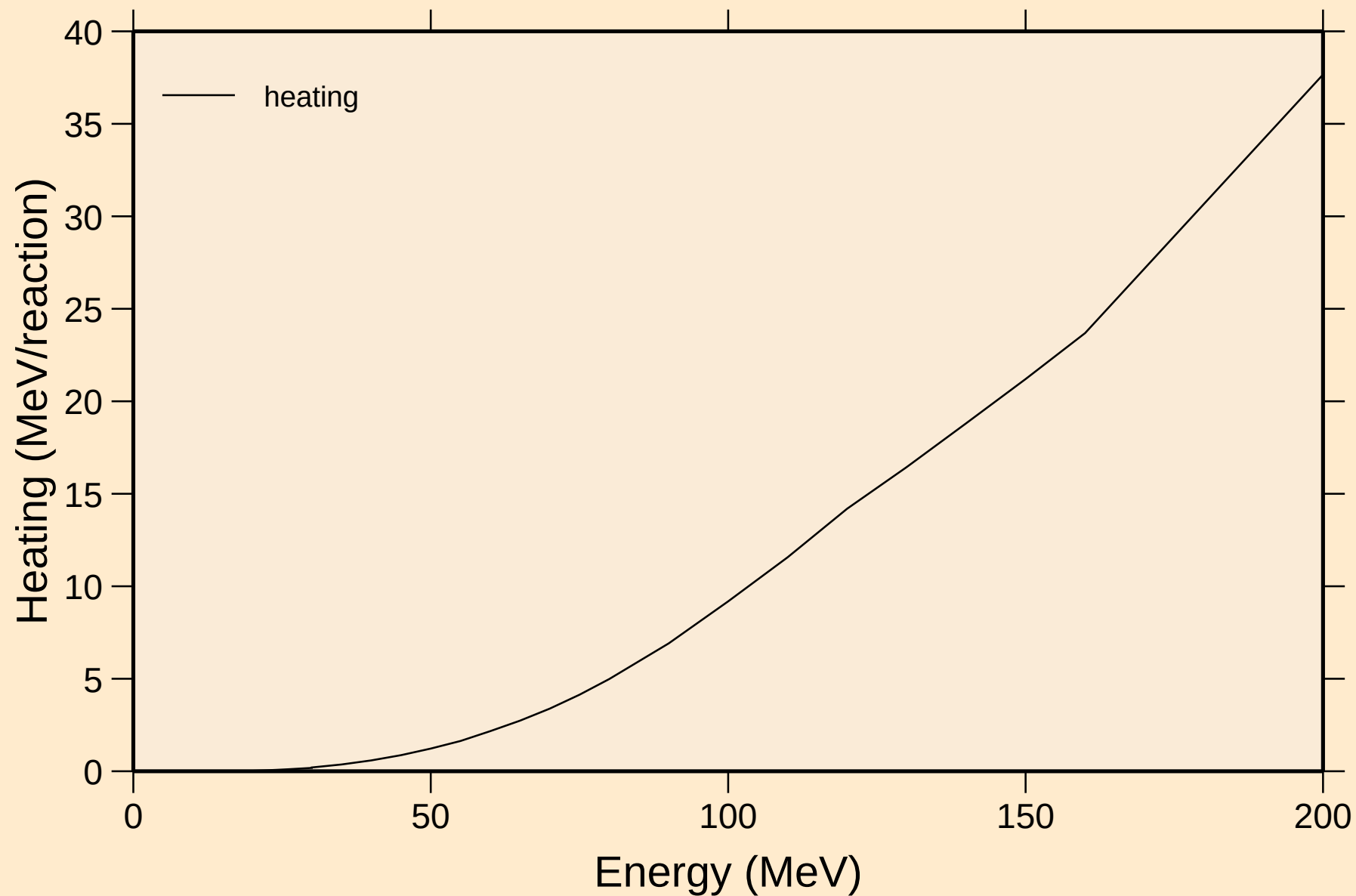
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



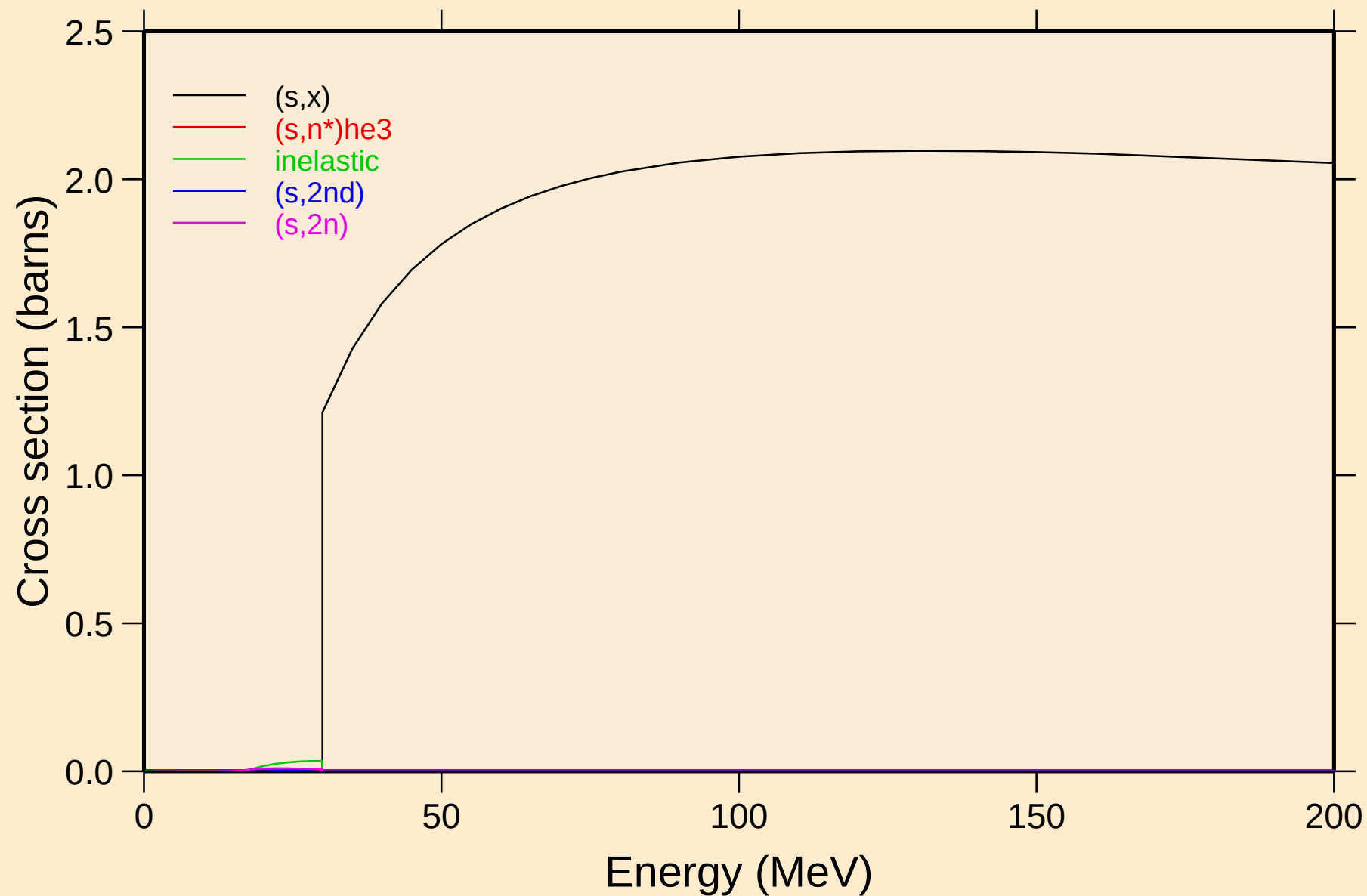
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



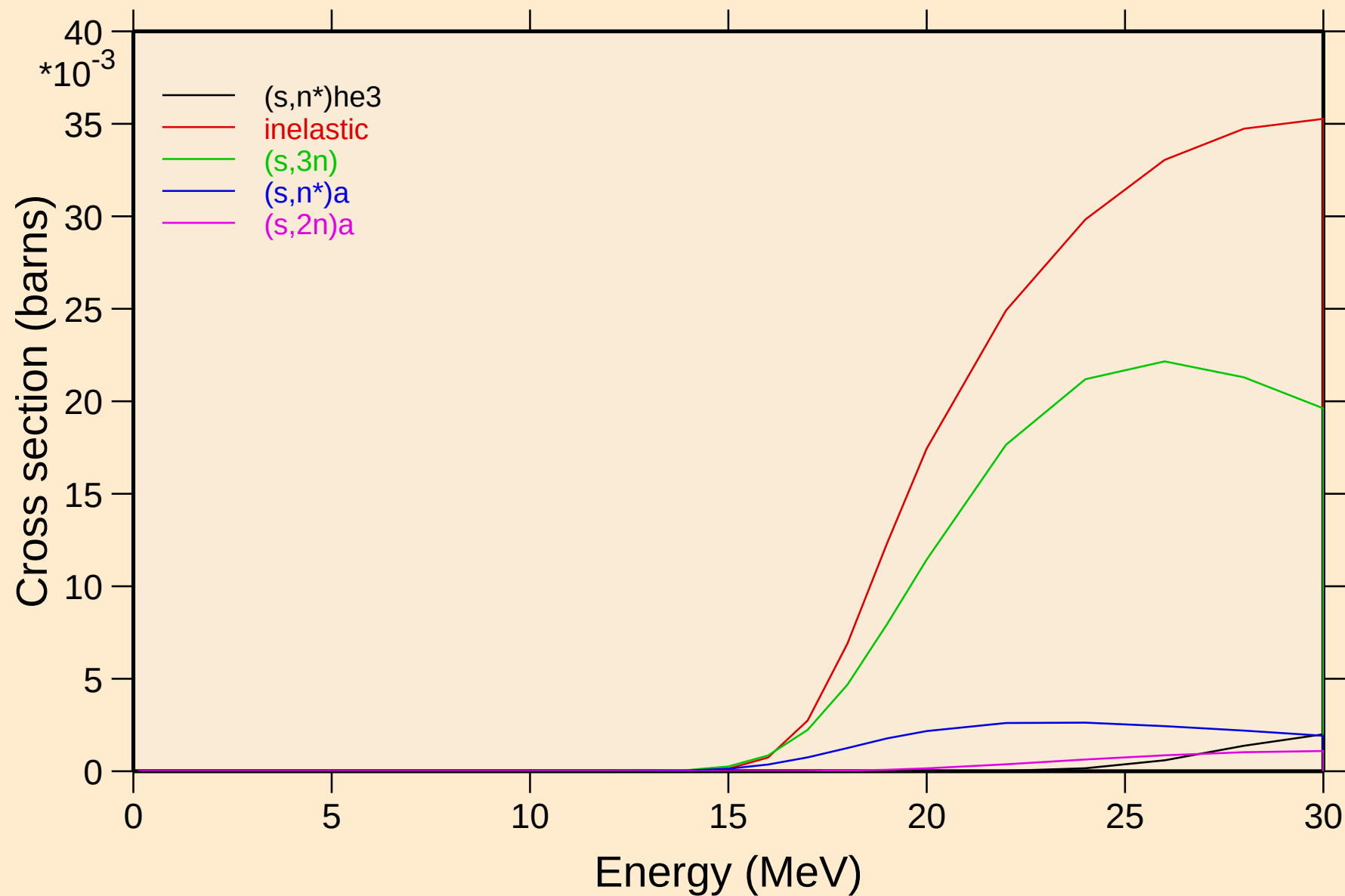
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



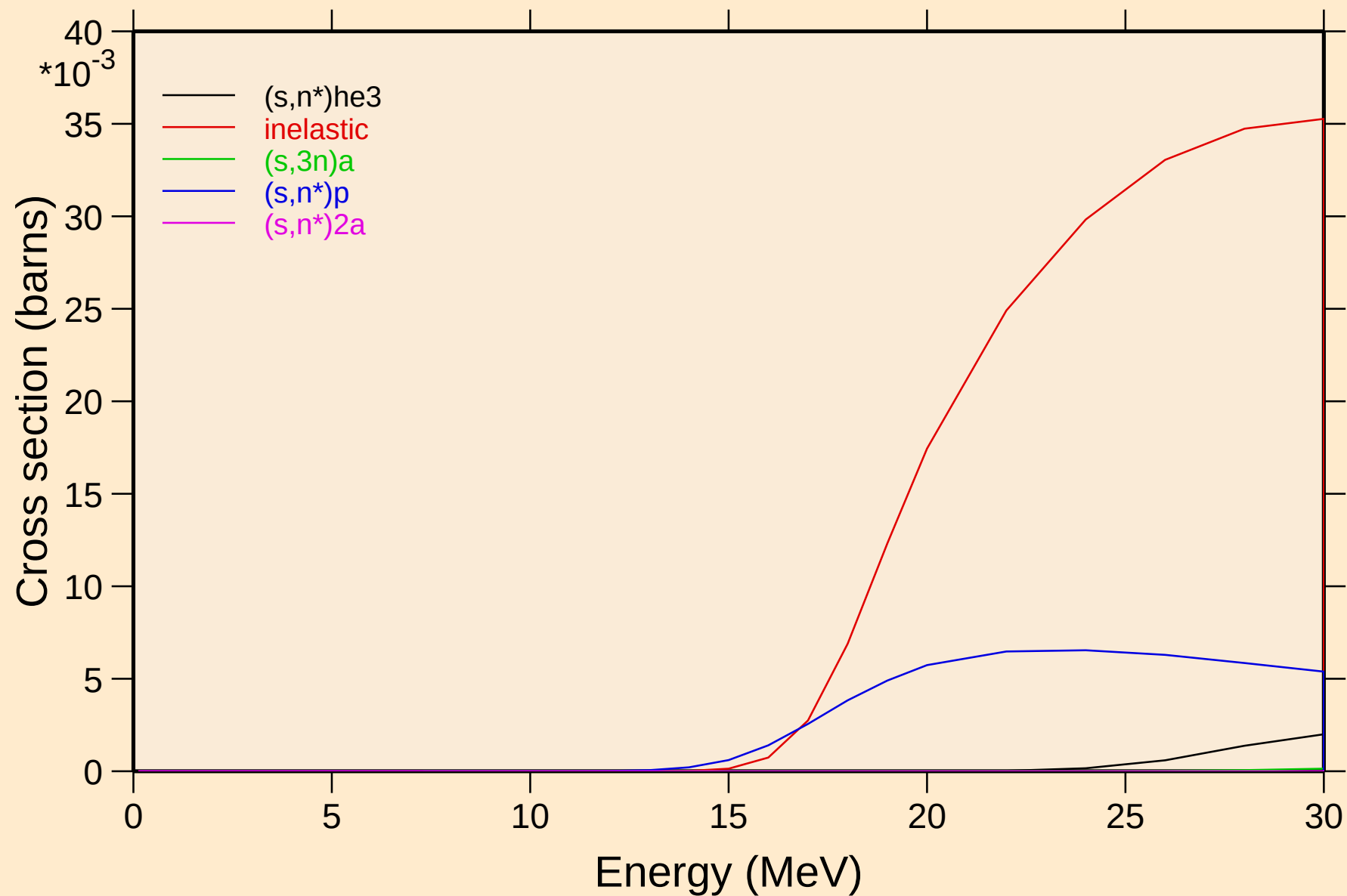
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



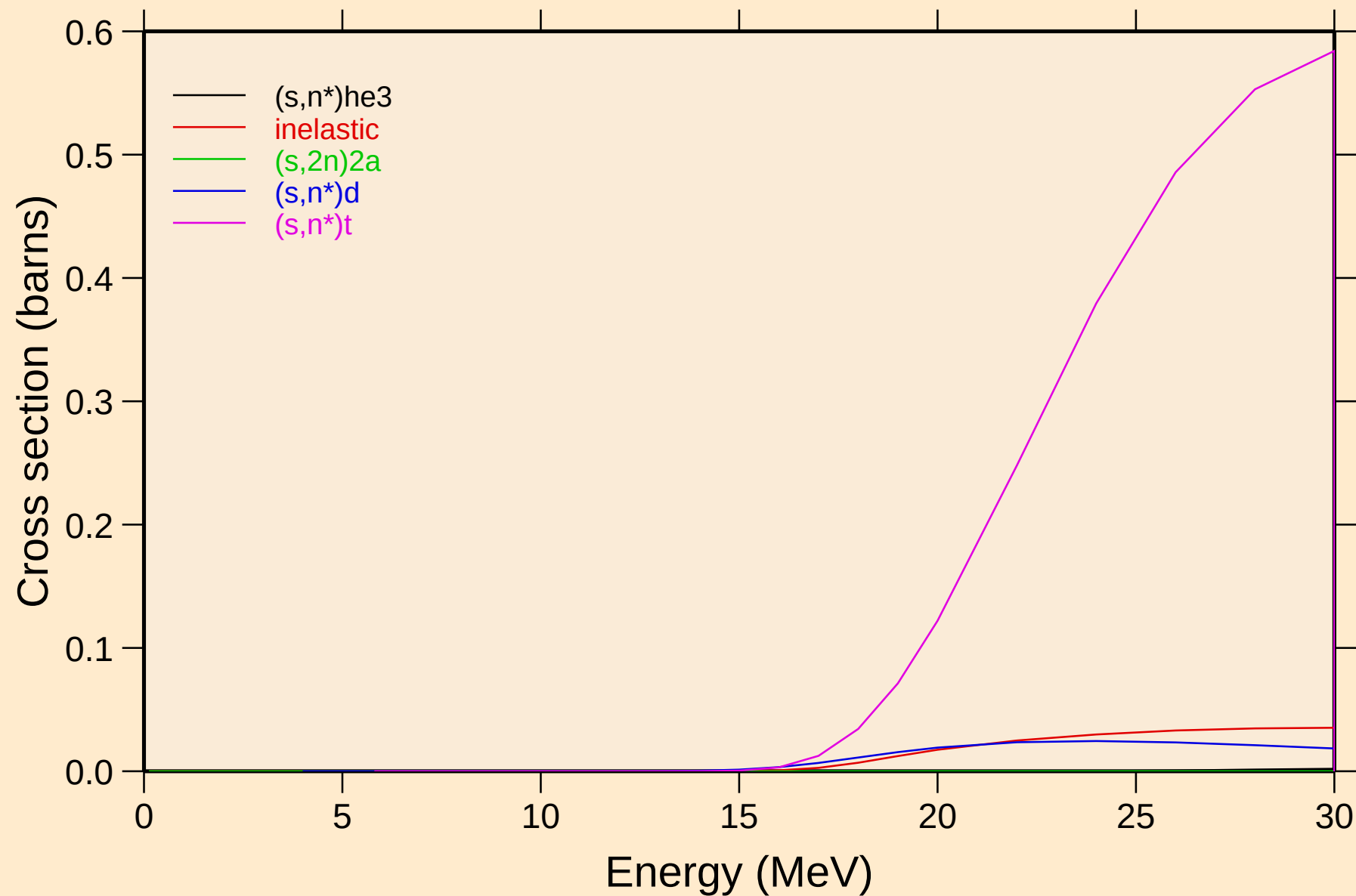
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

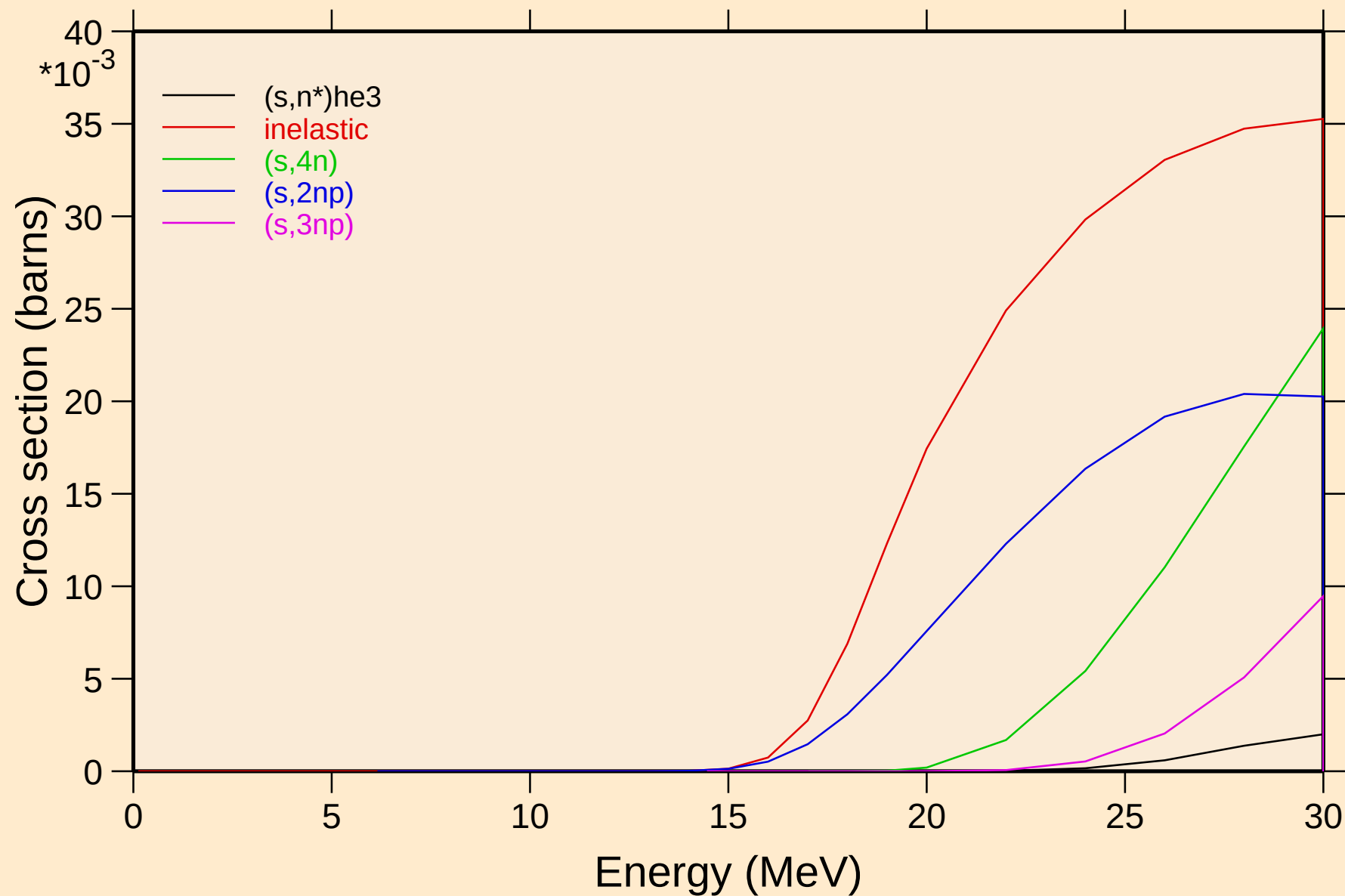
## Threshold reactions





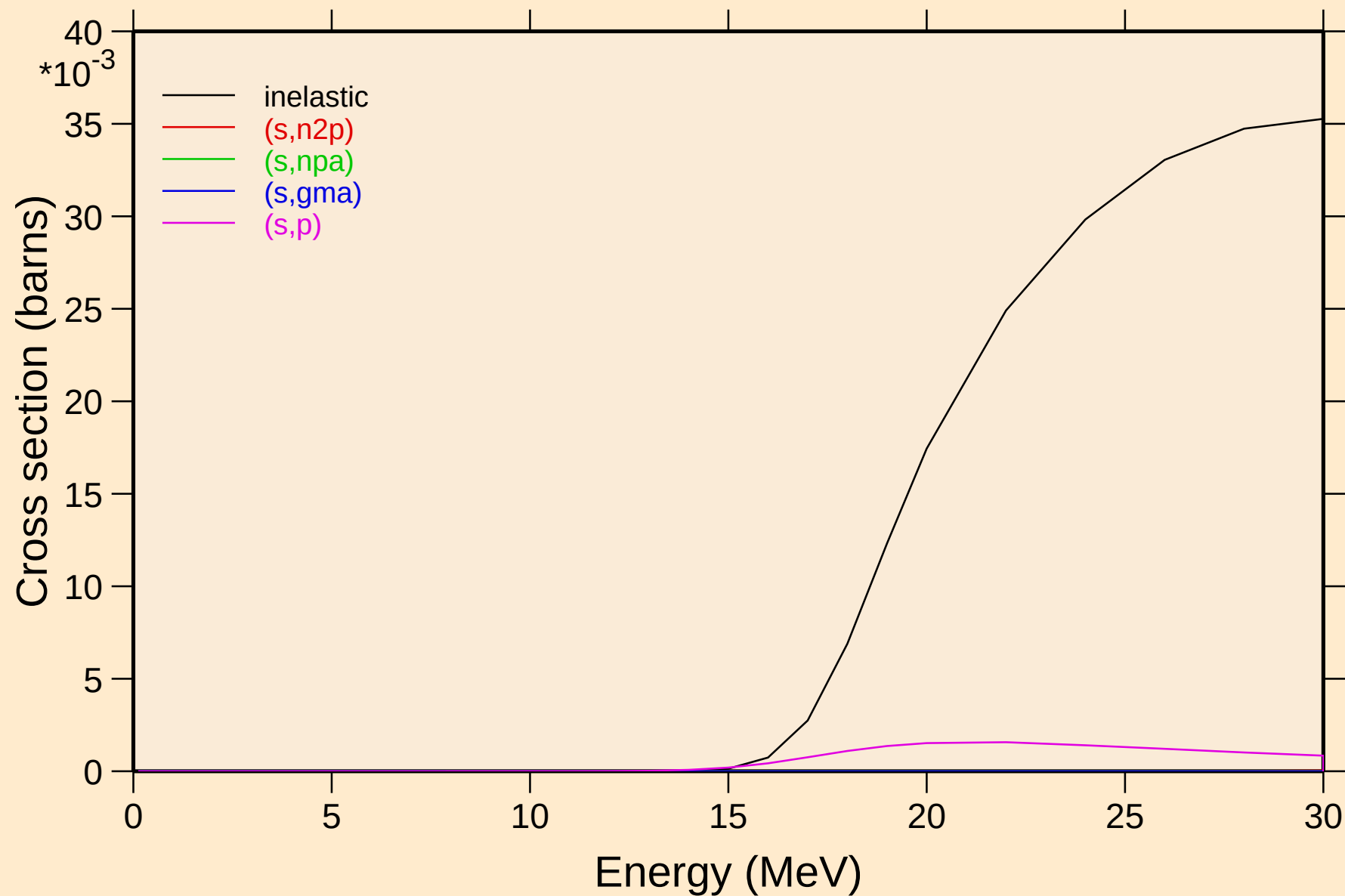
# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

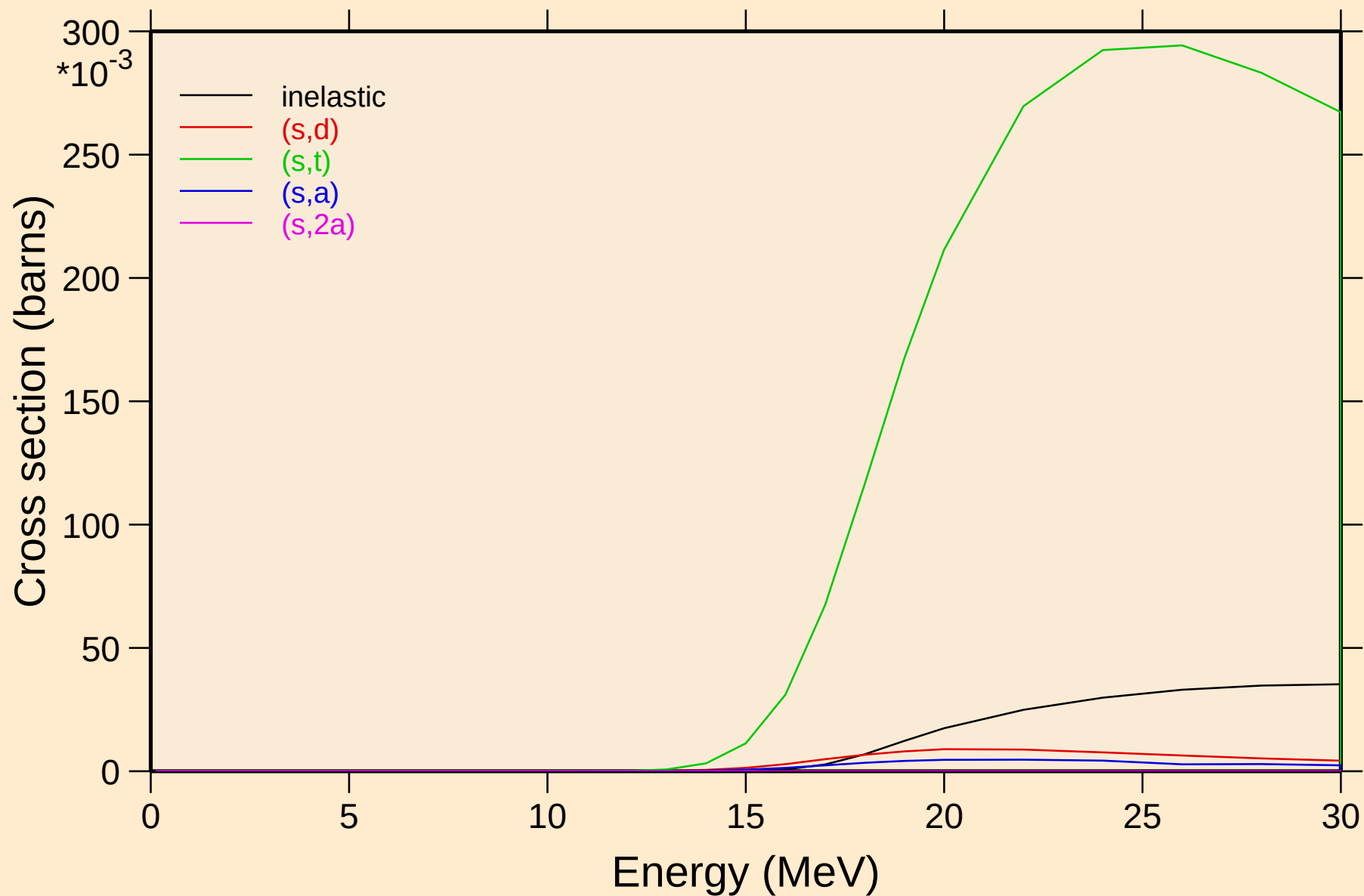


# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

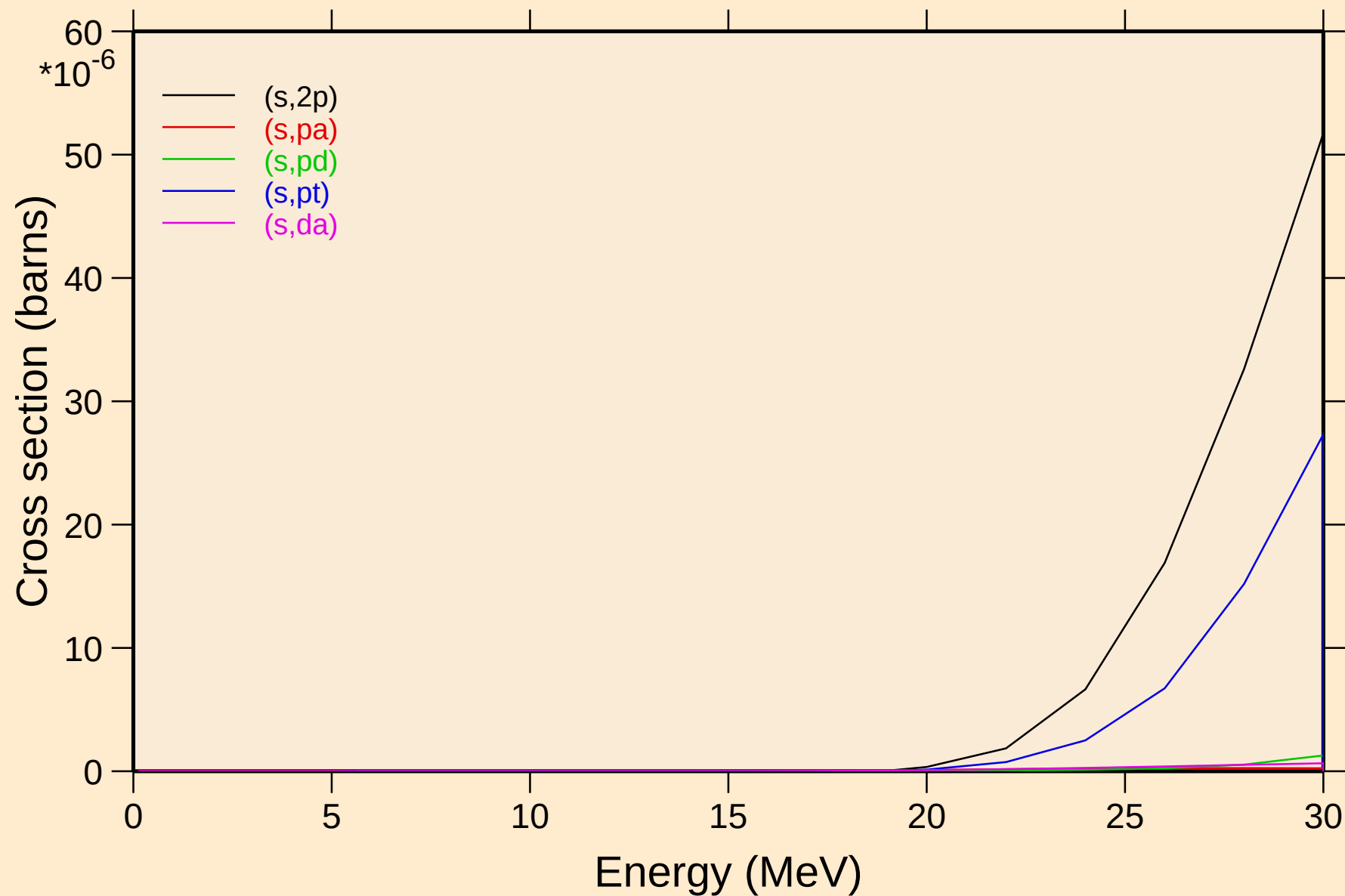


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

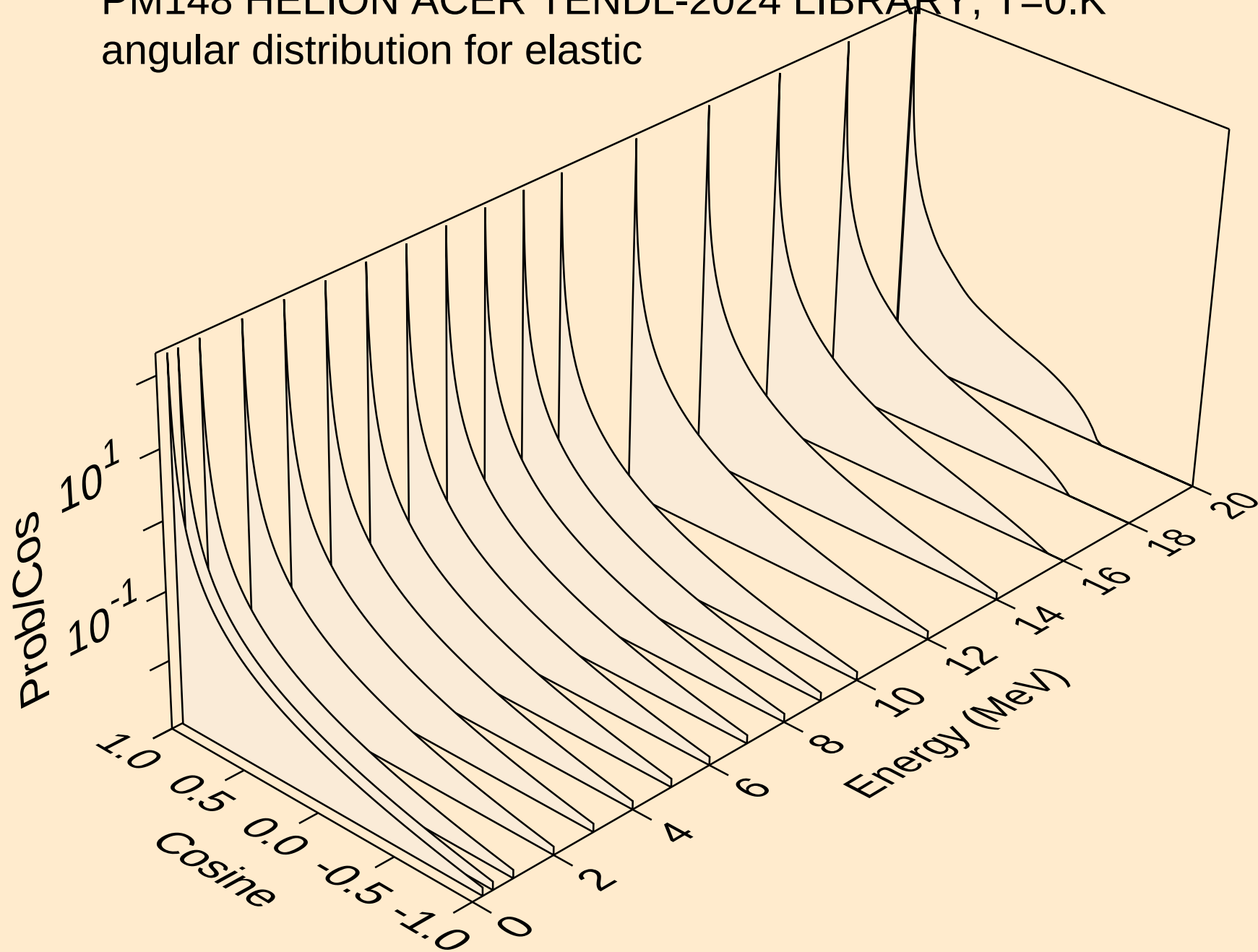


# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

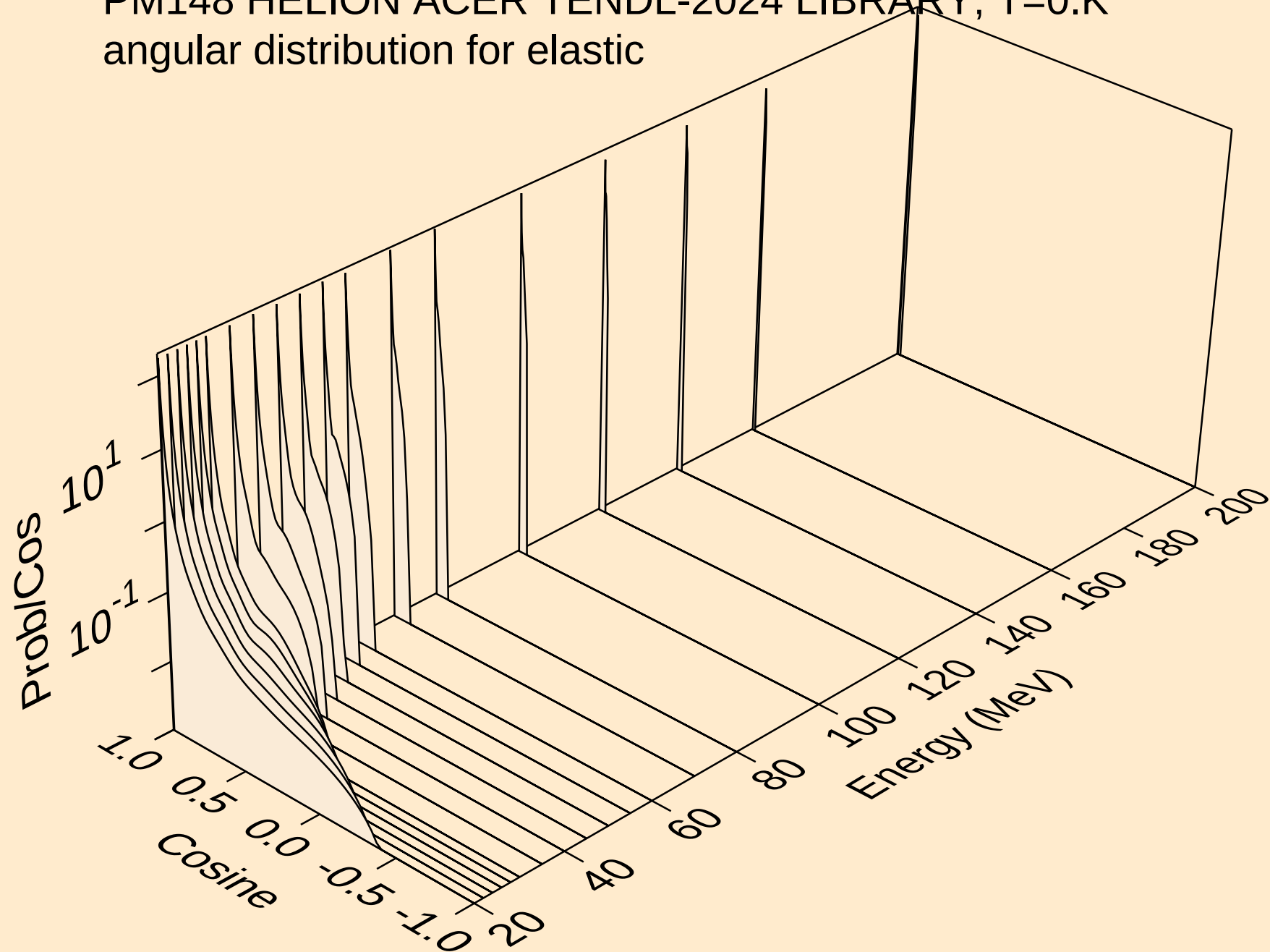
## Threshold reactions



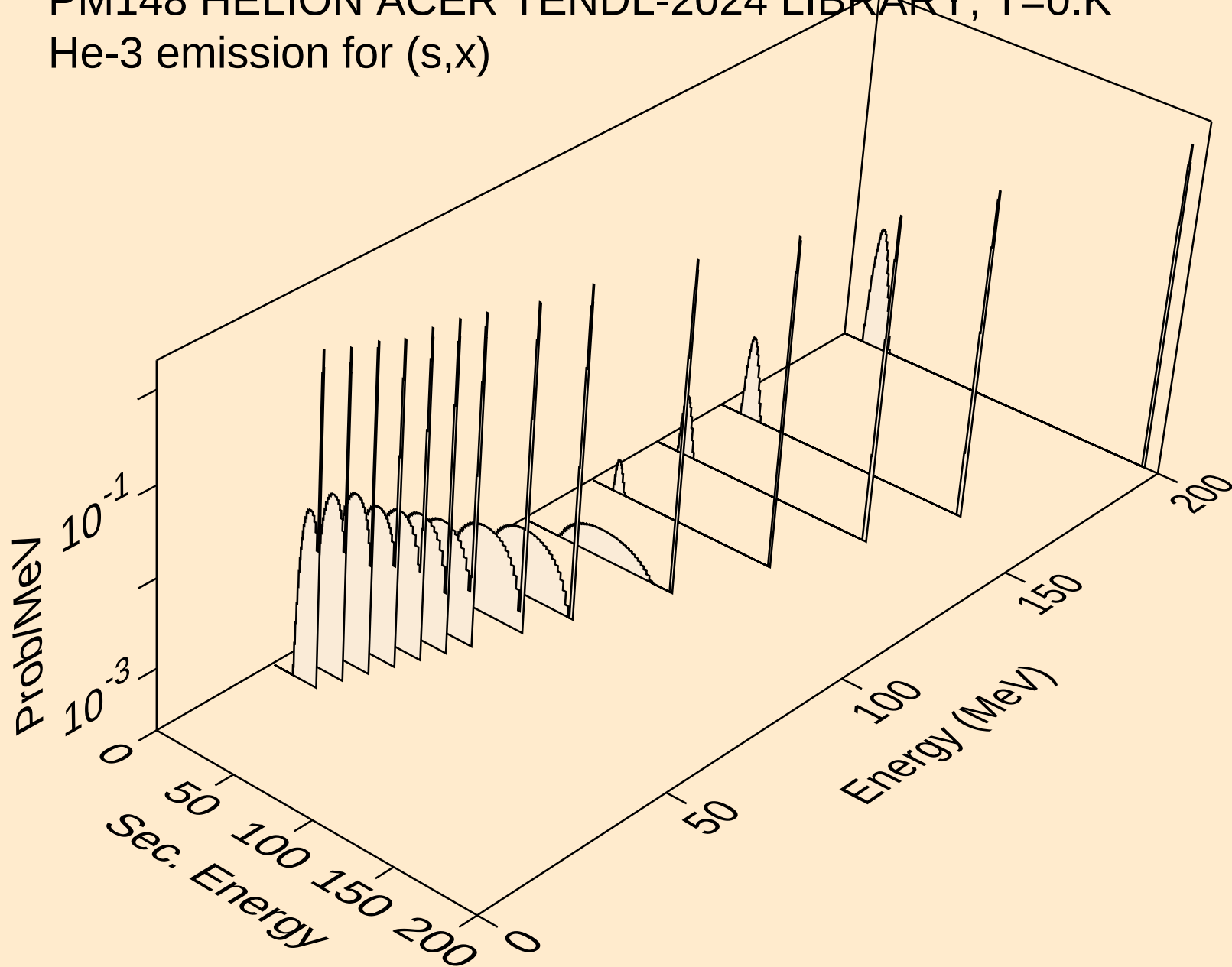
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



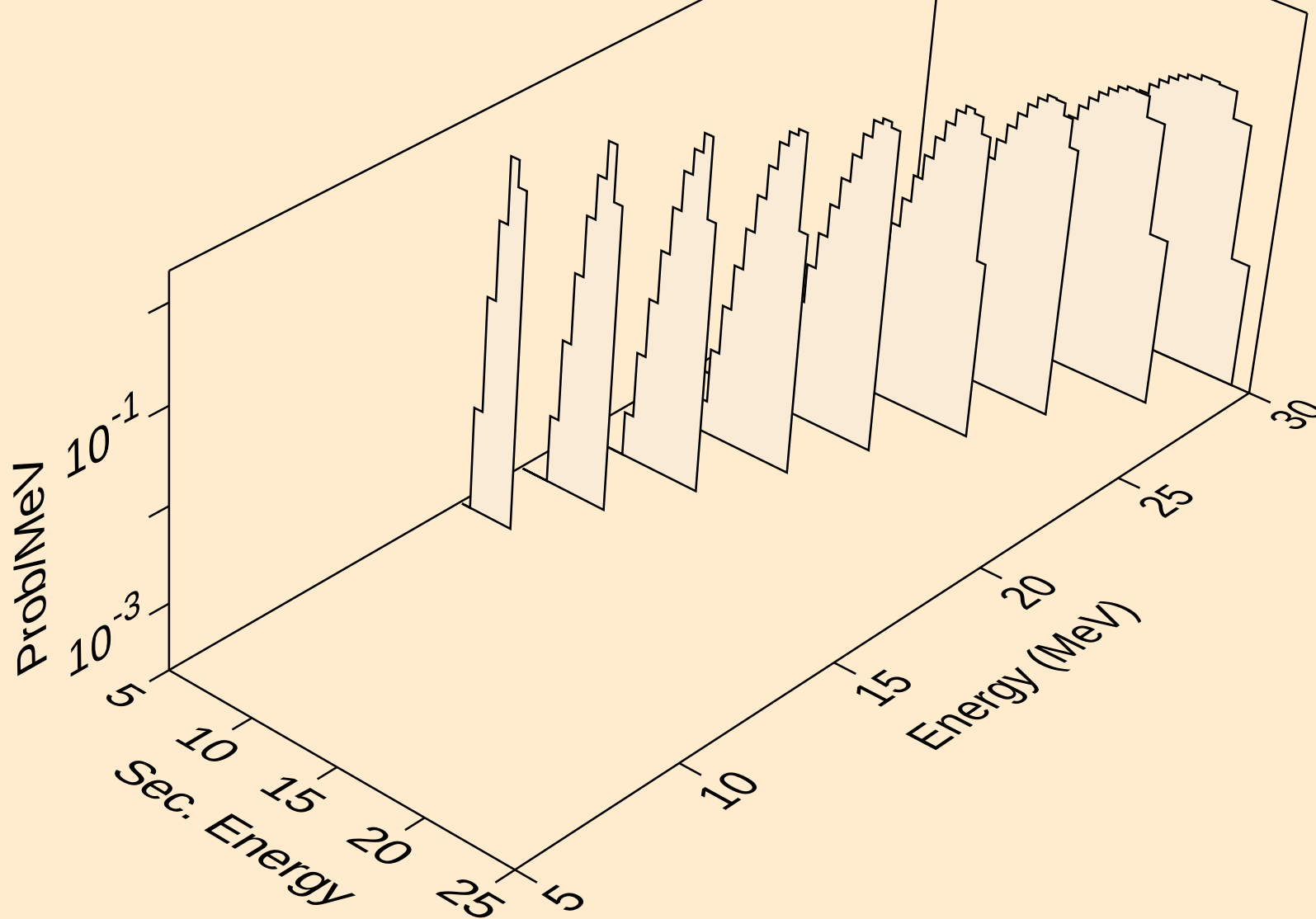
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

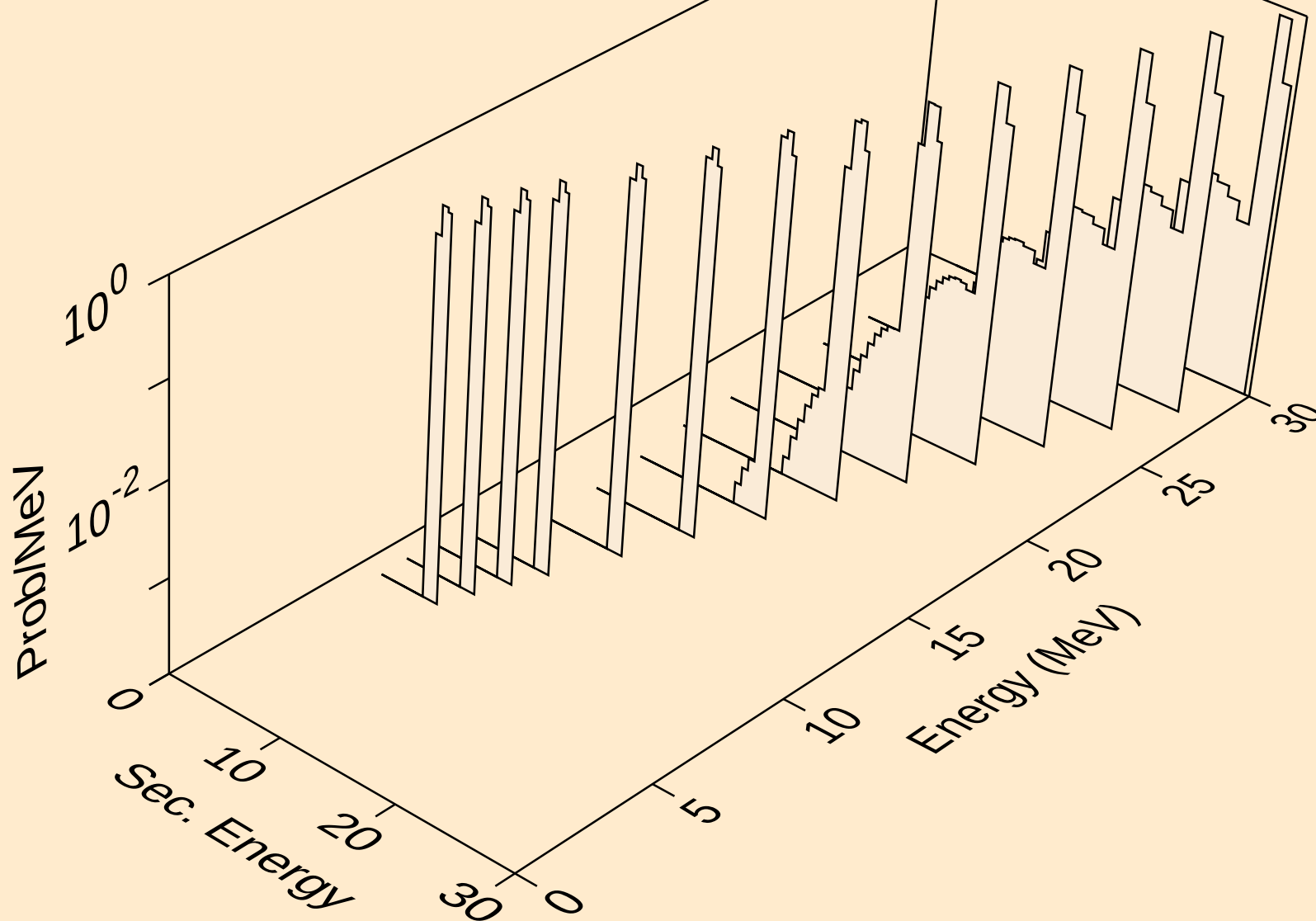


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

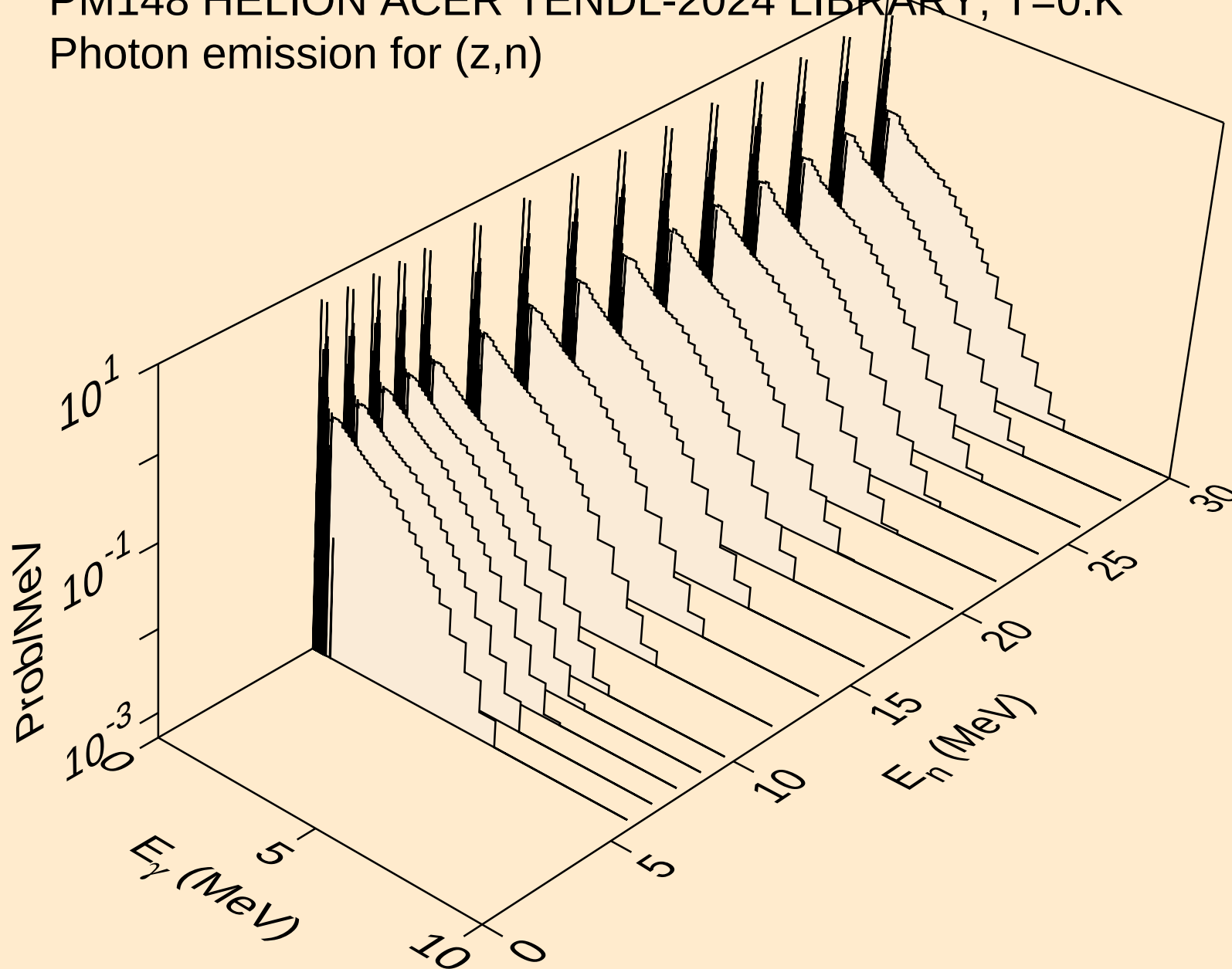




PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

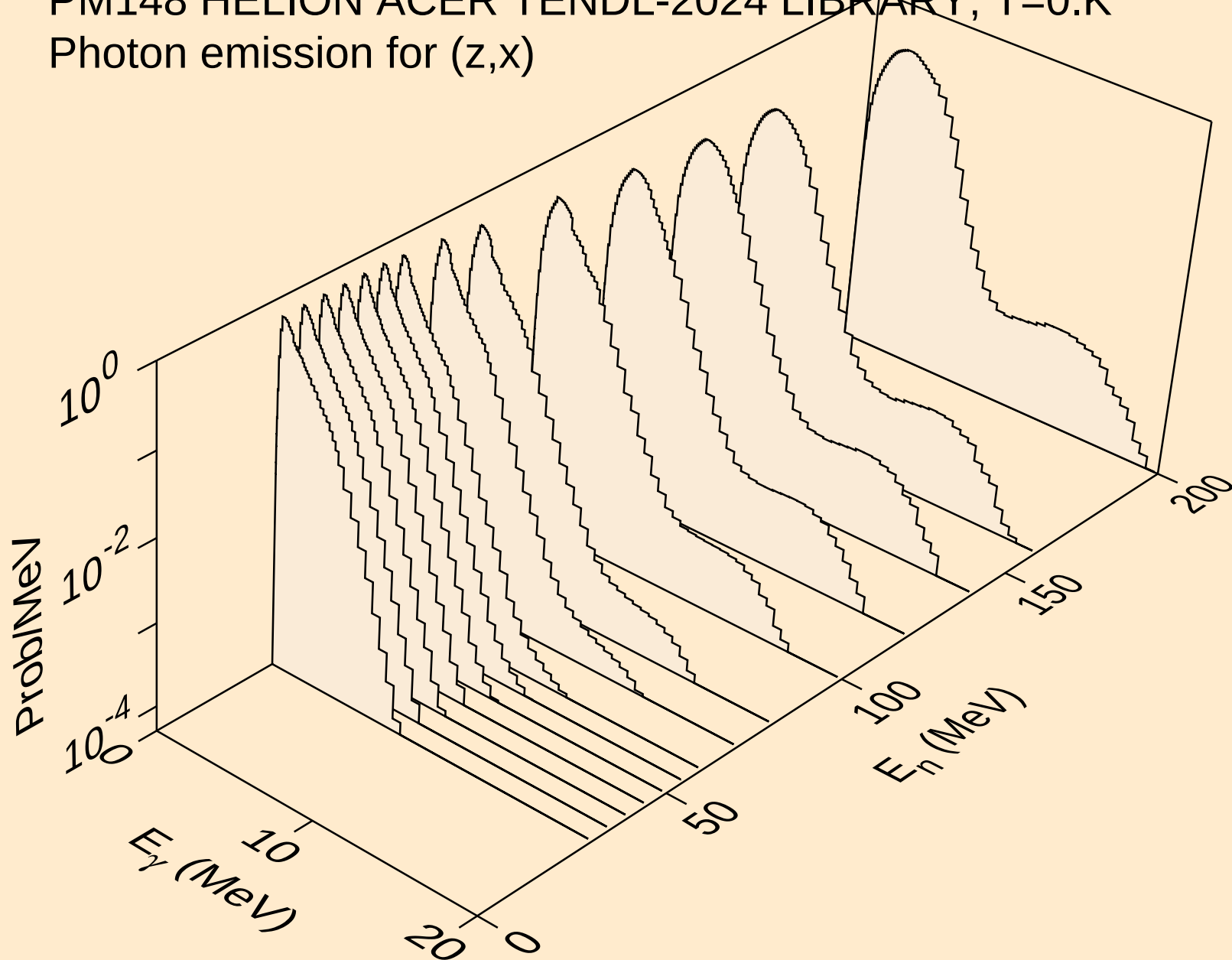


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

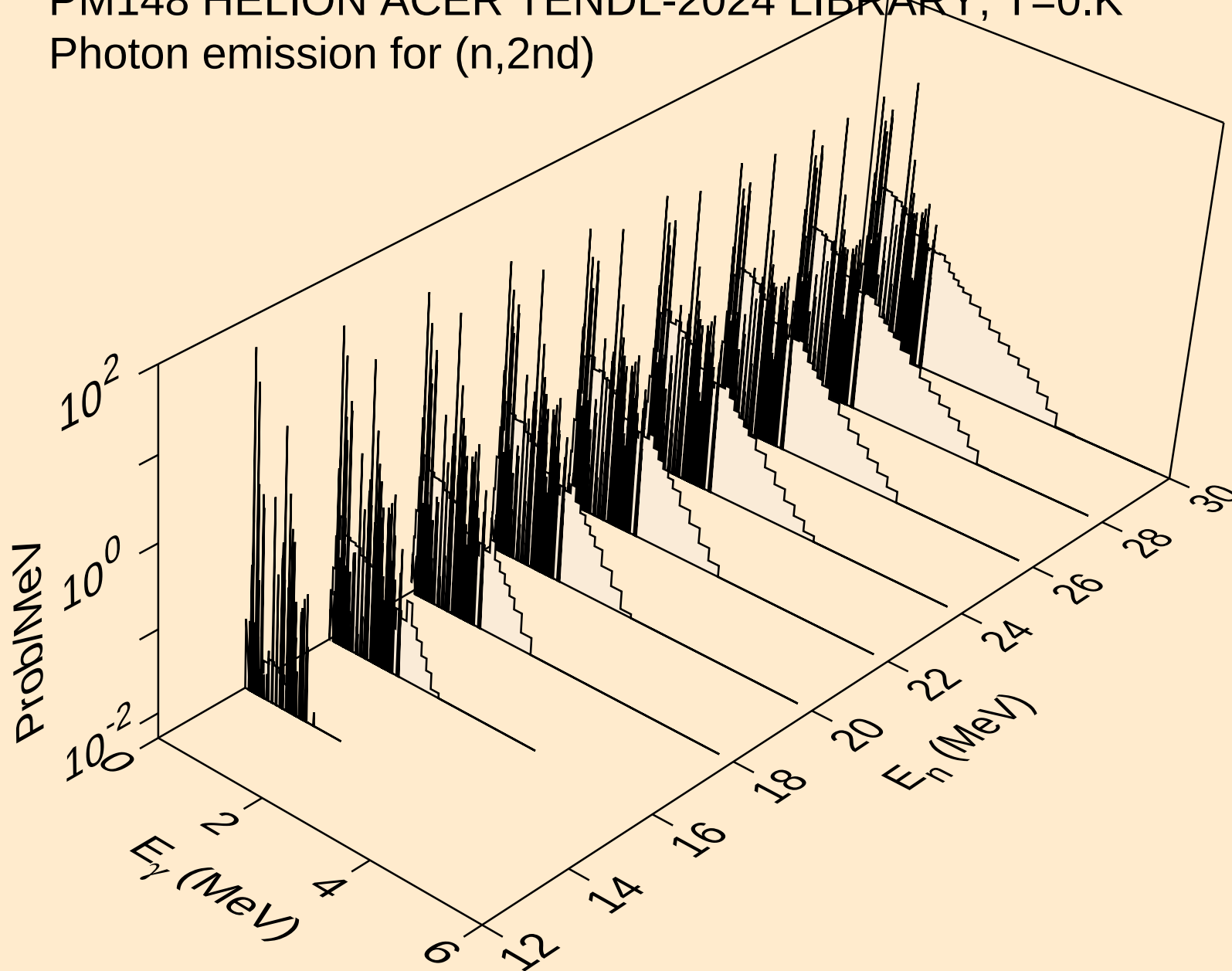


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

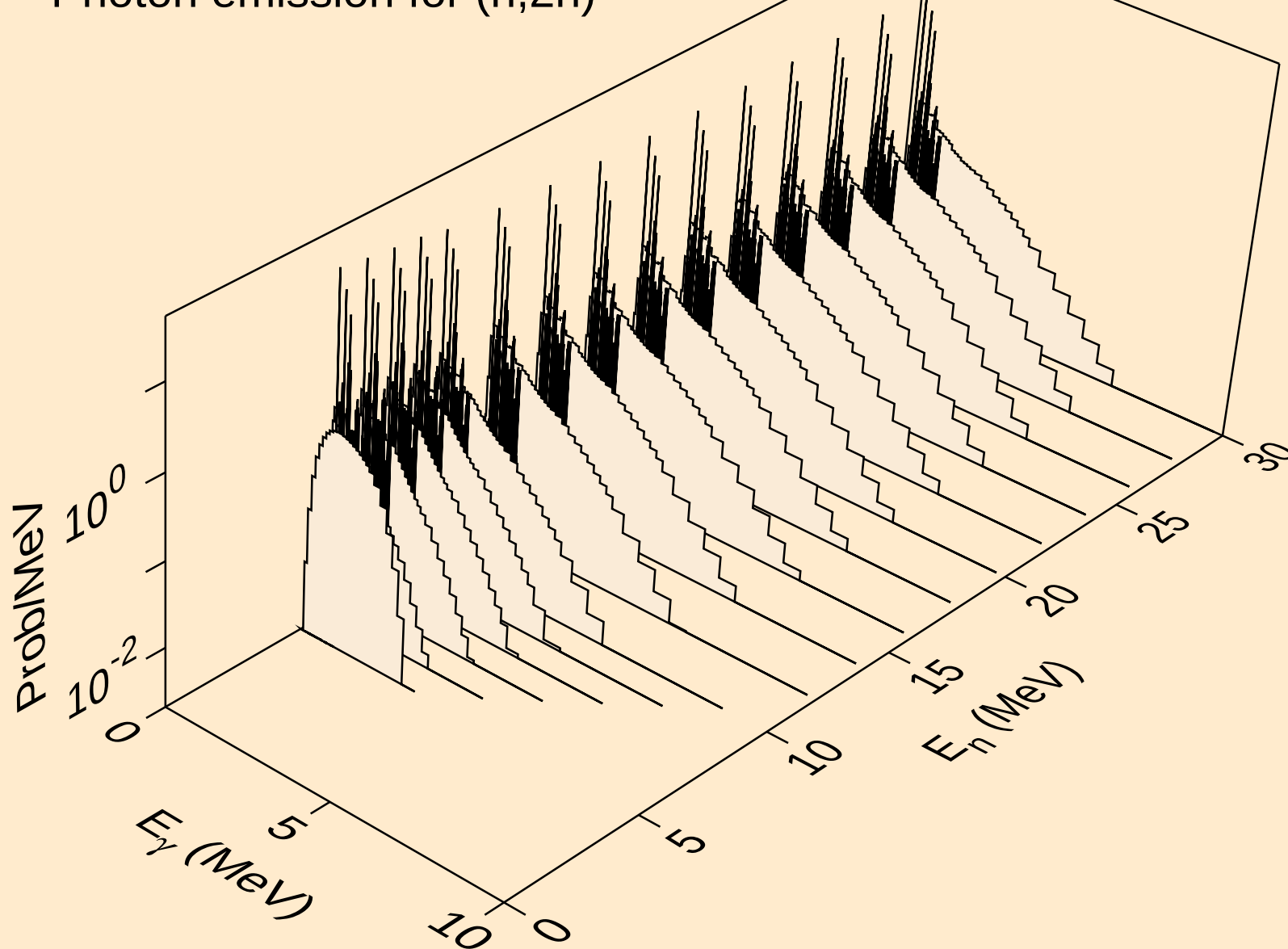
Photon emission for (z,x)



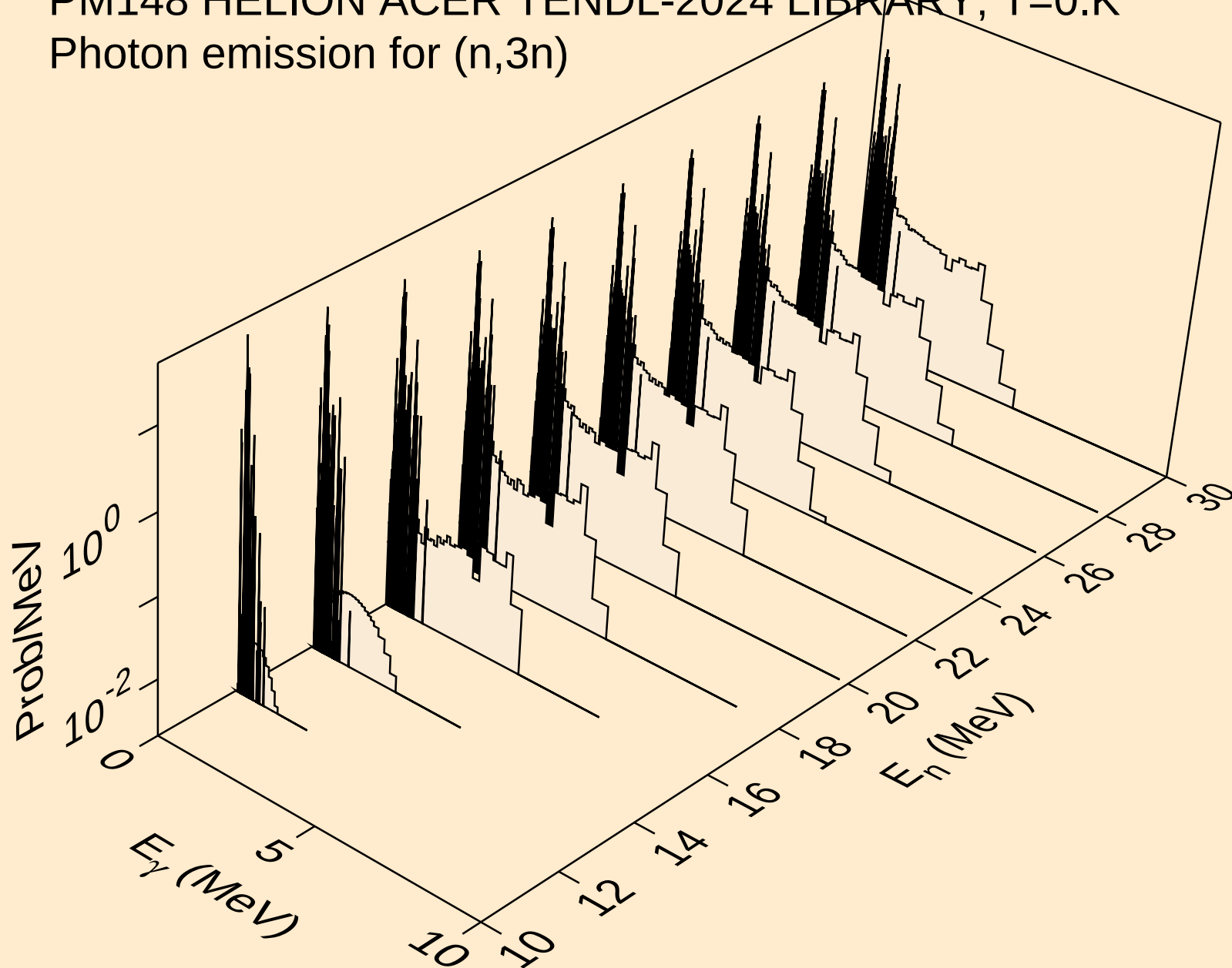
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



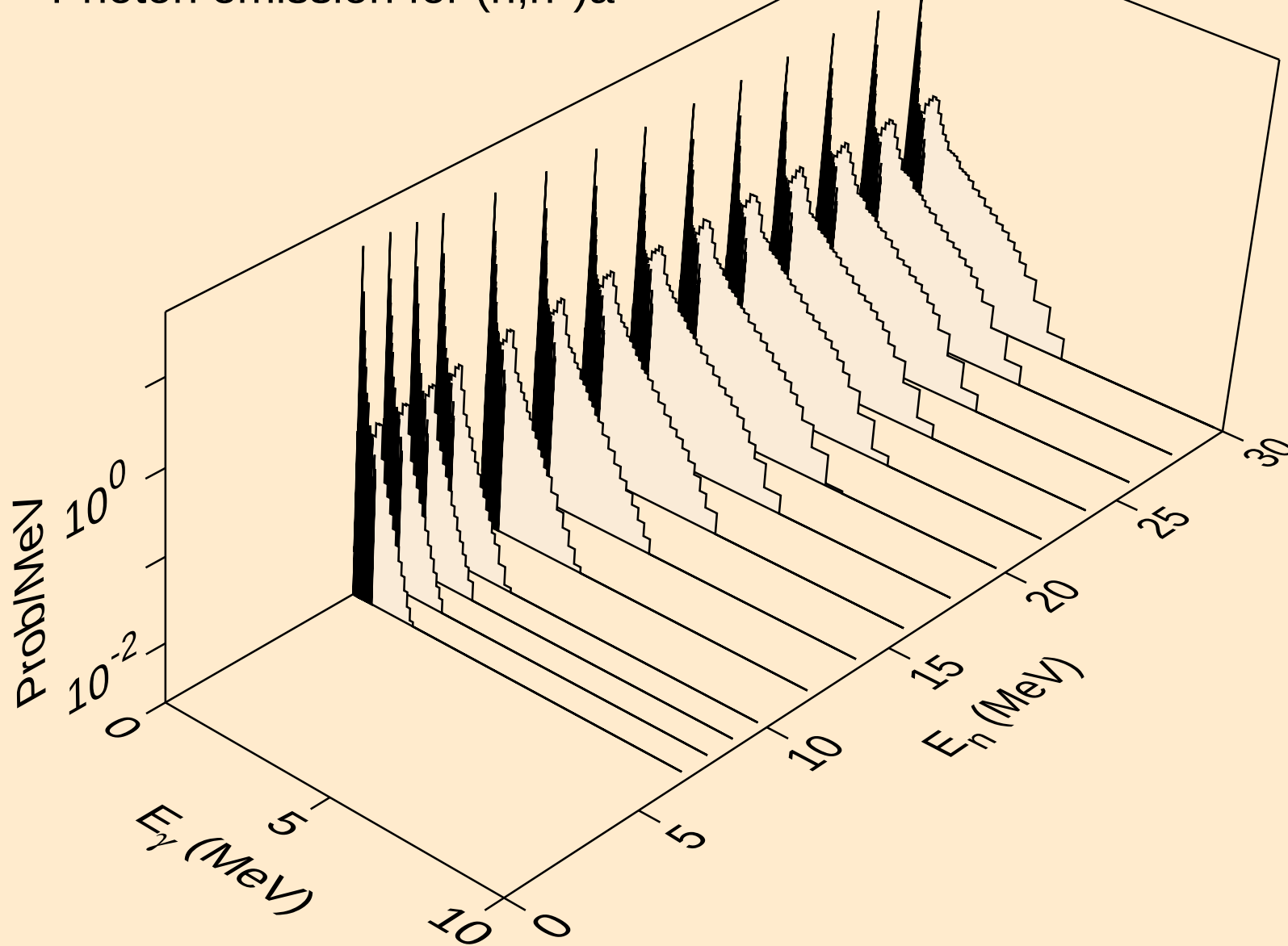
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



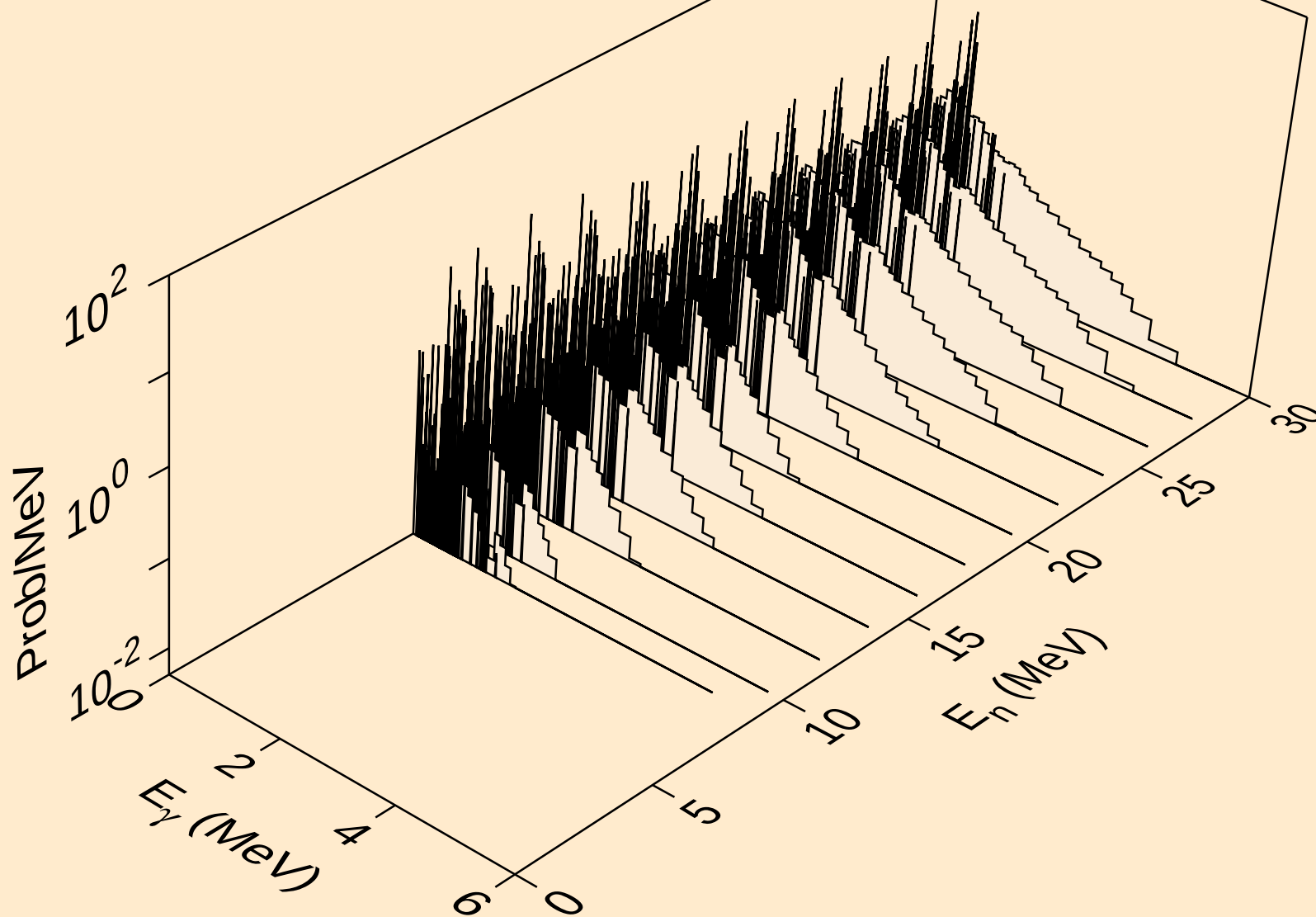
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

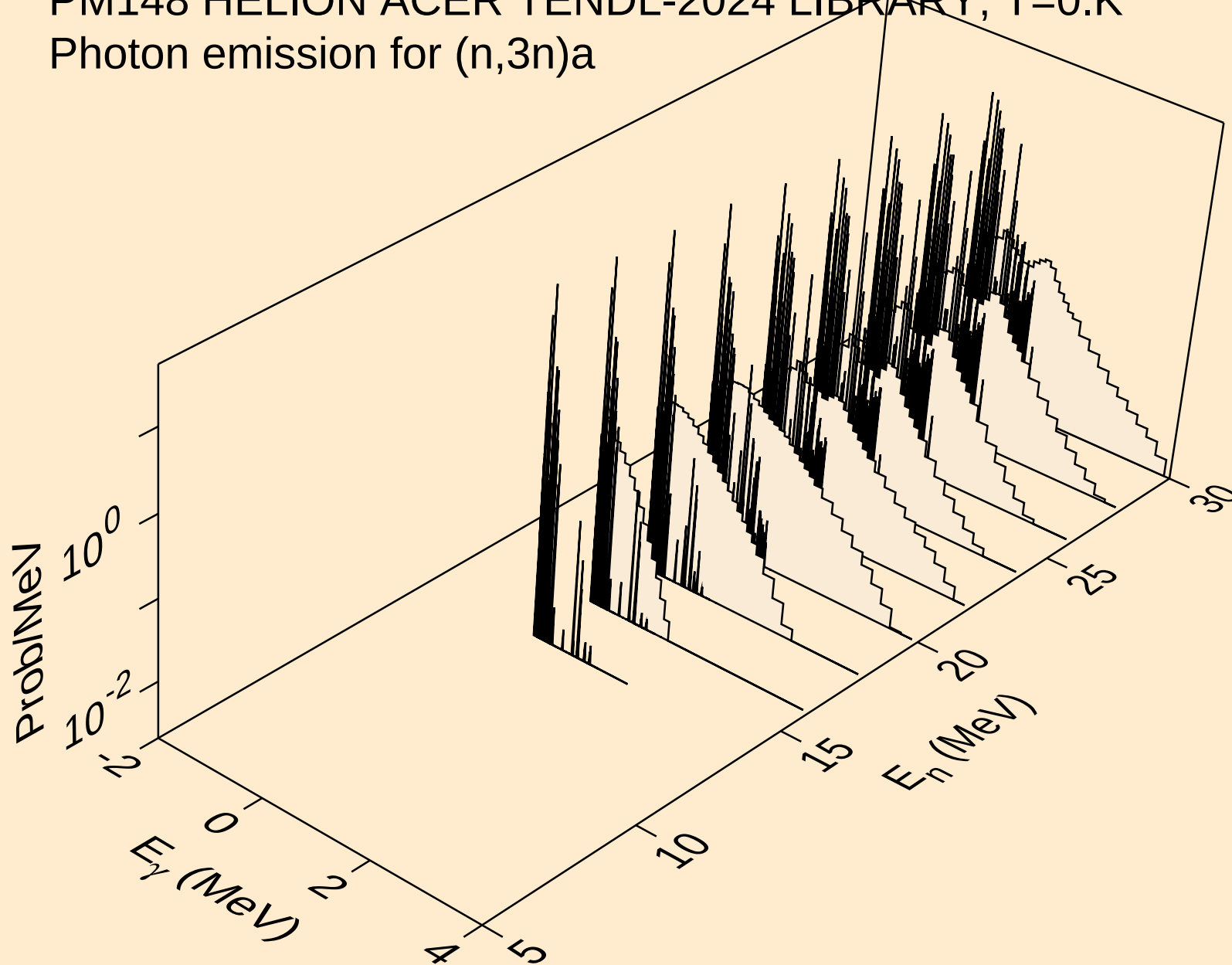


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

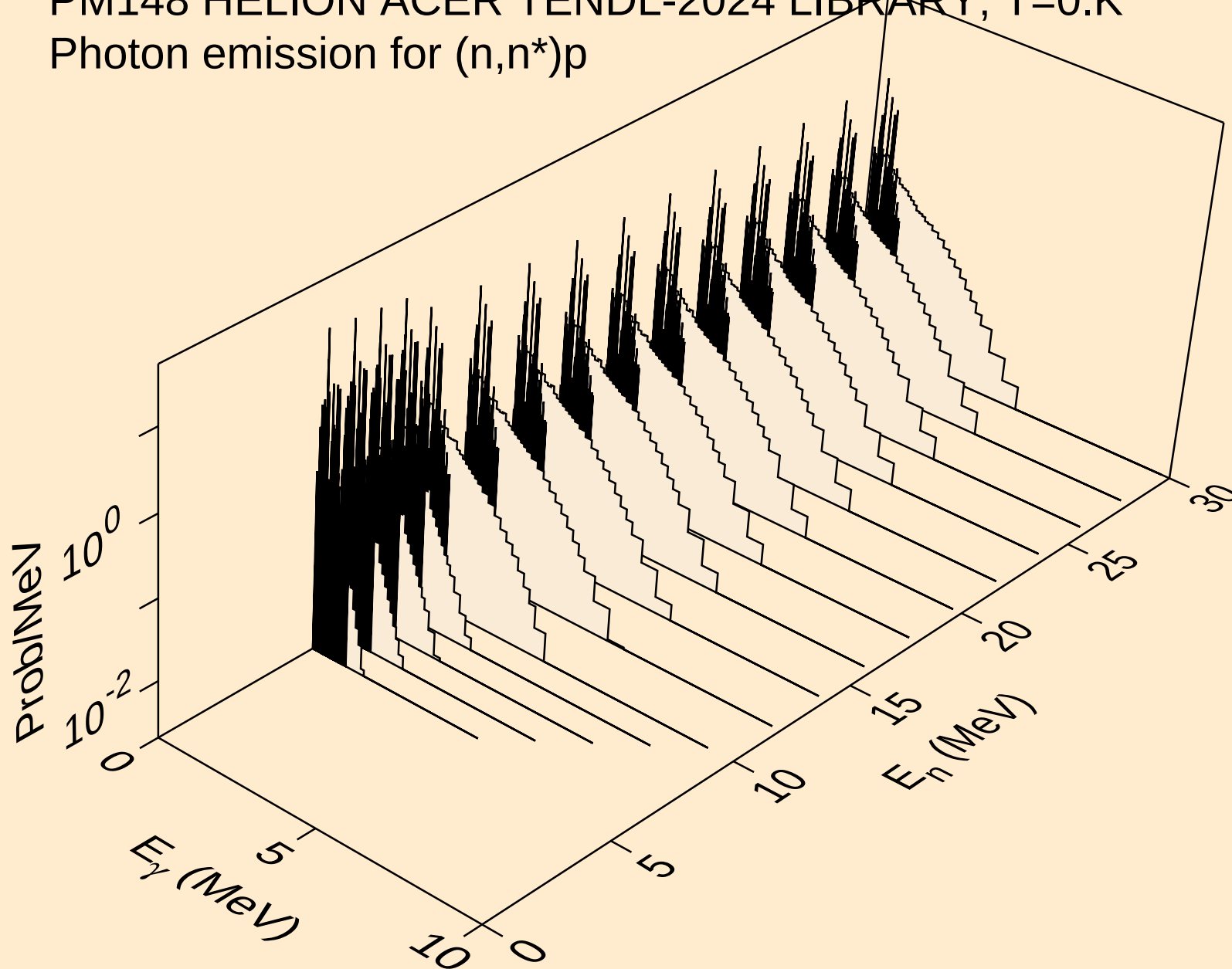




PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

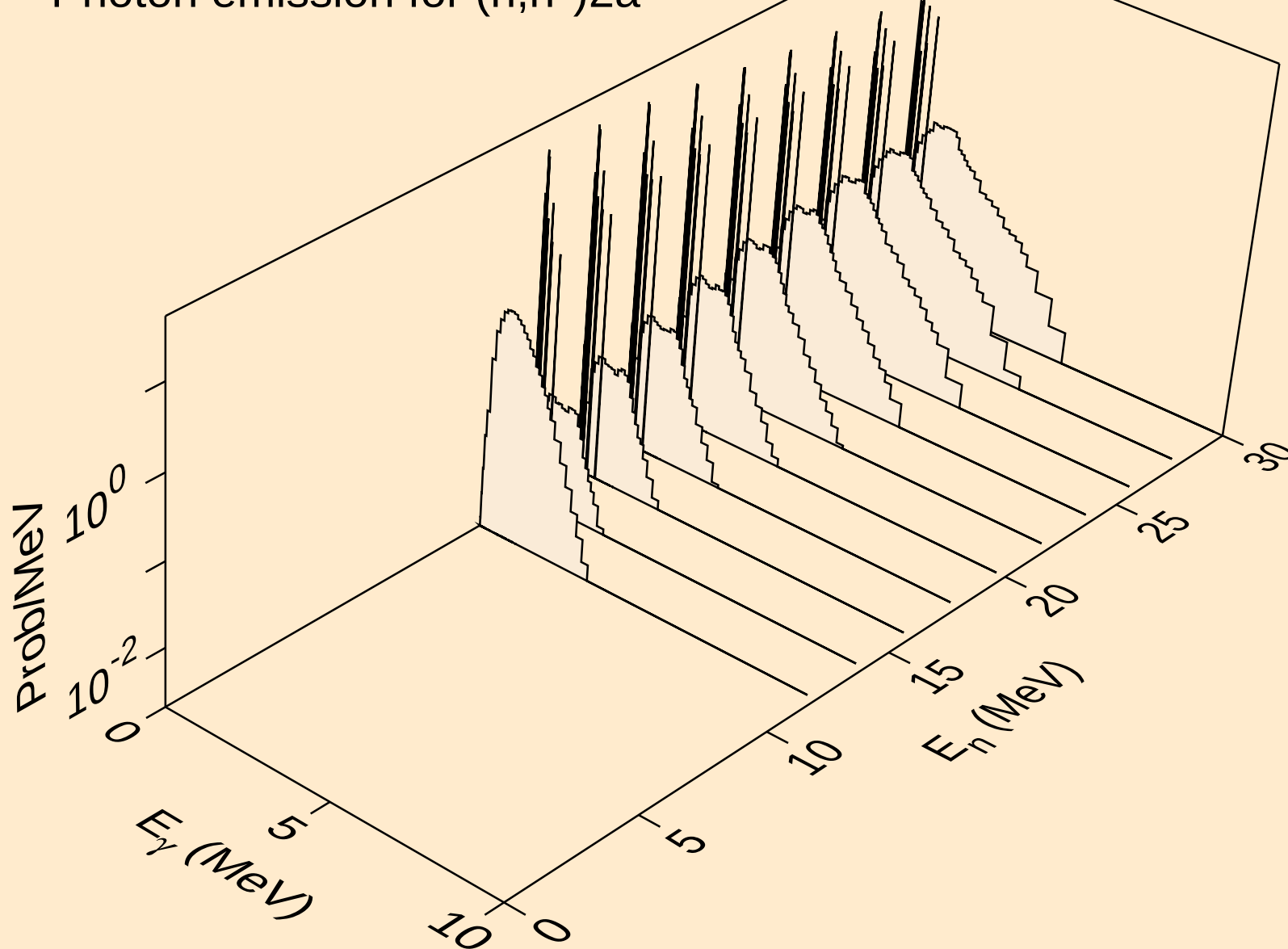


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



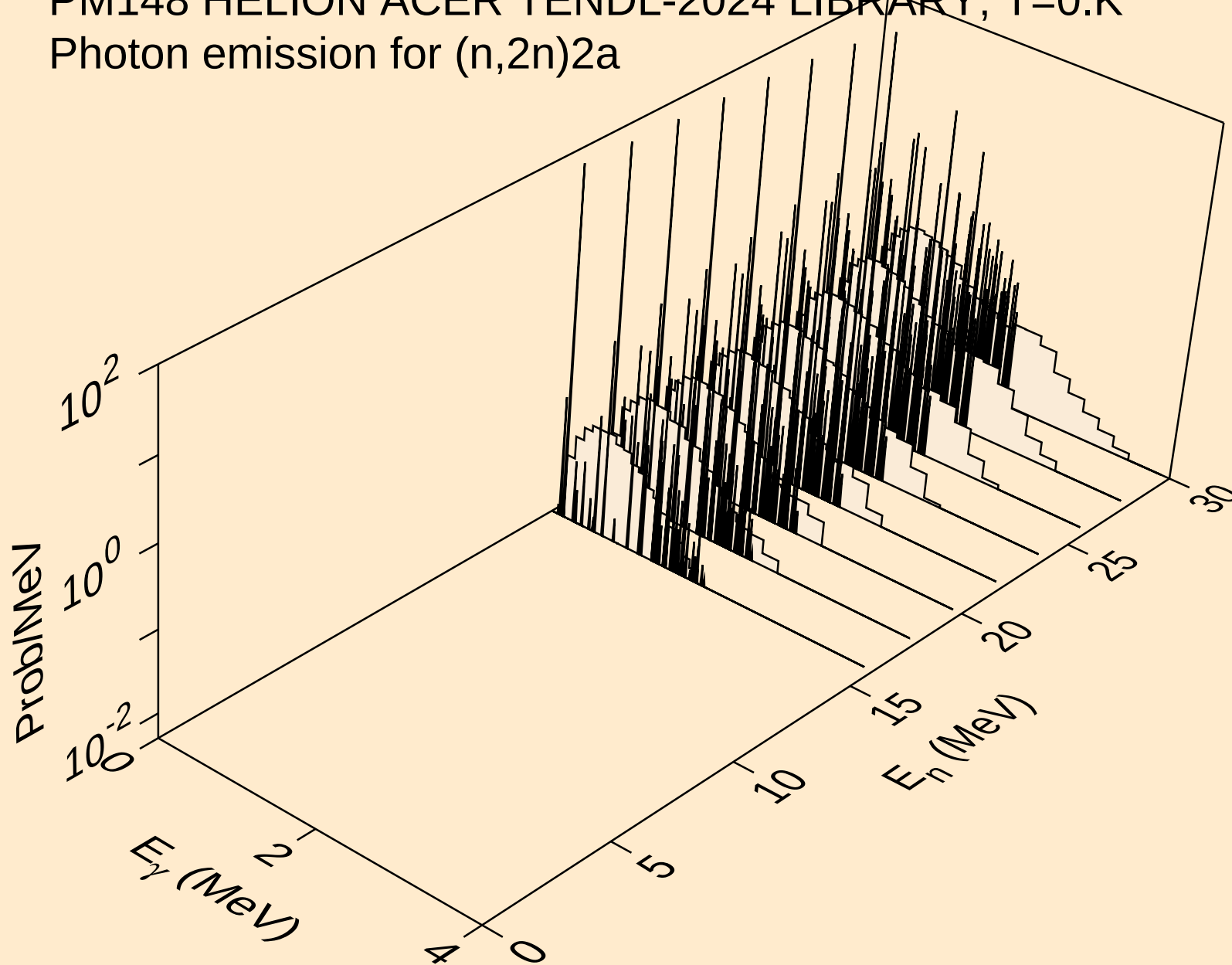
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

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

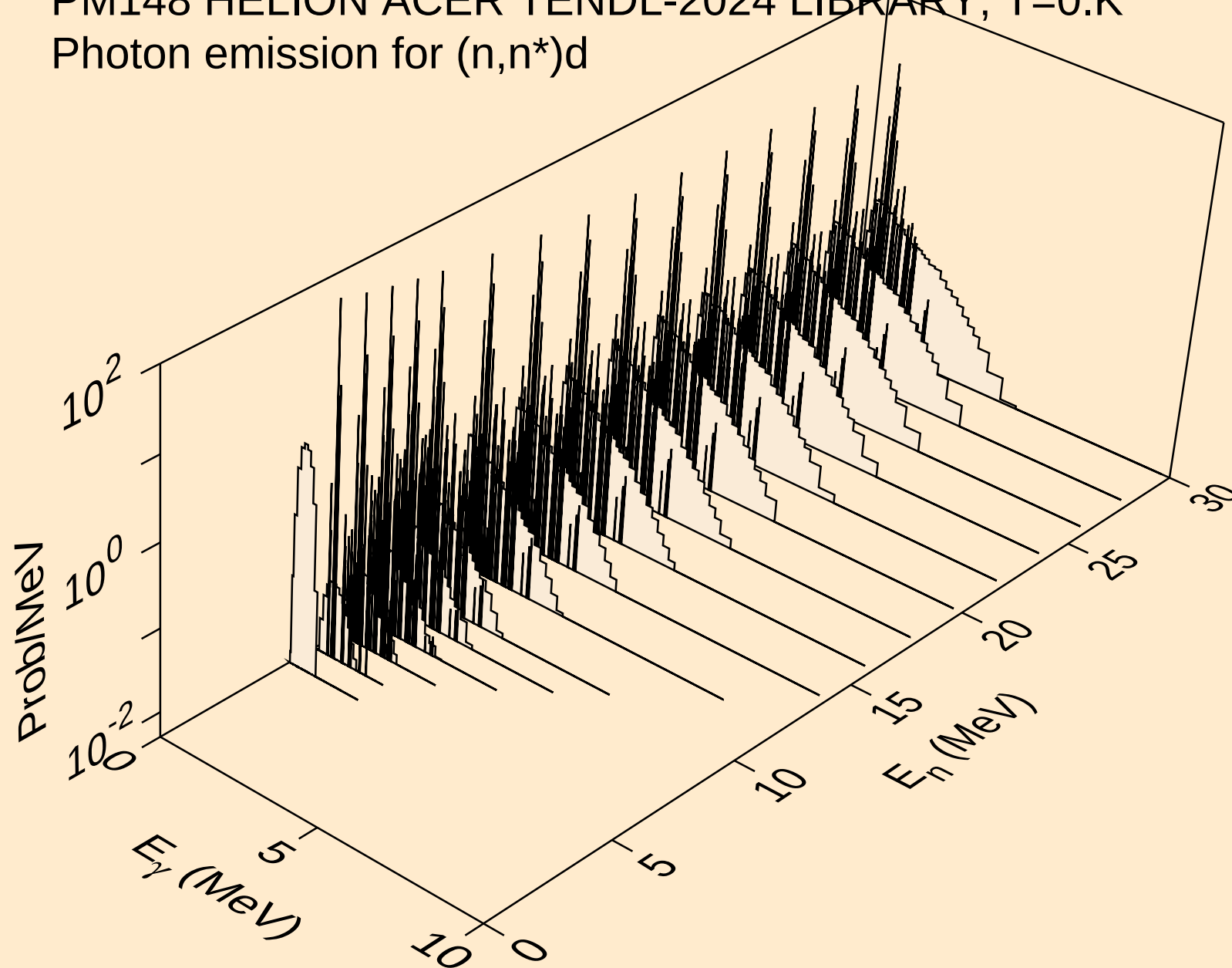


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a

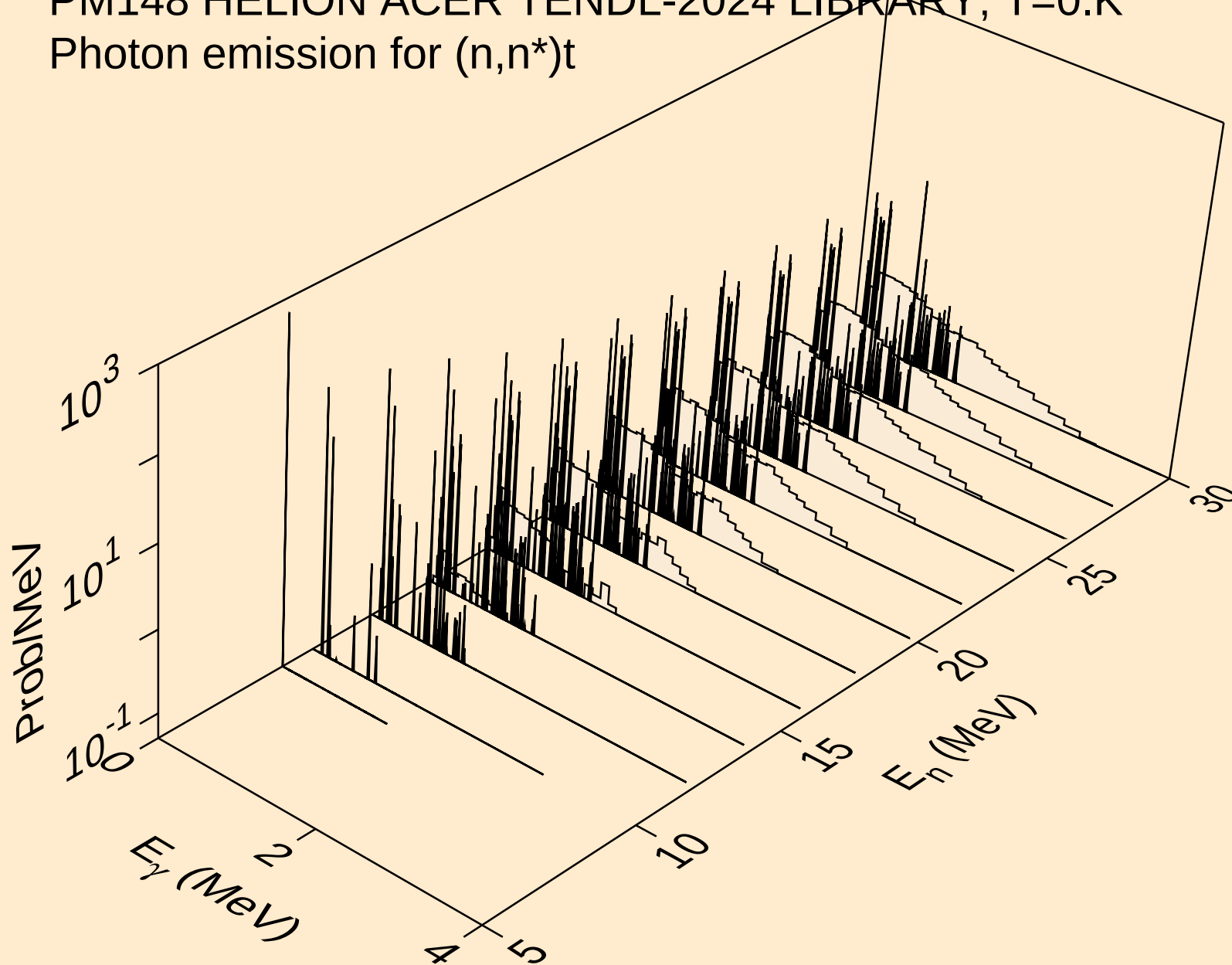


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

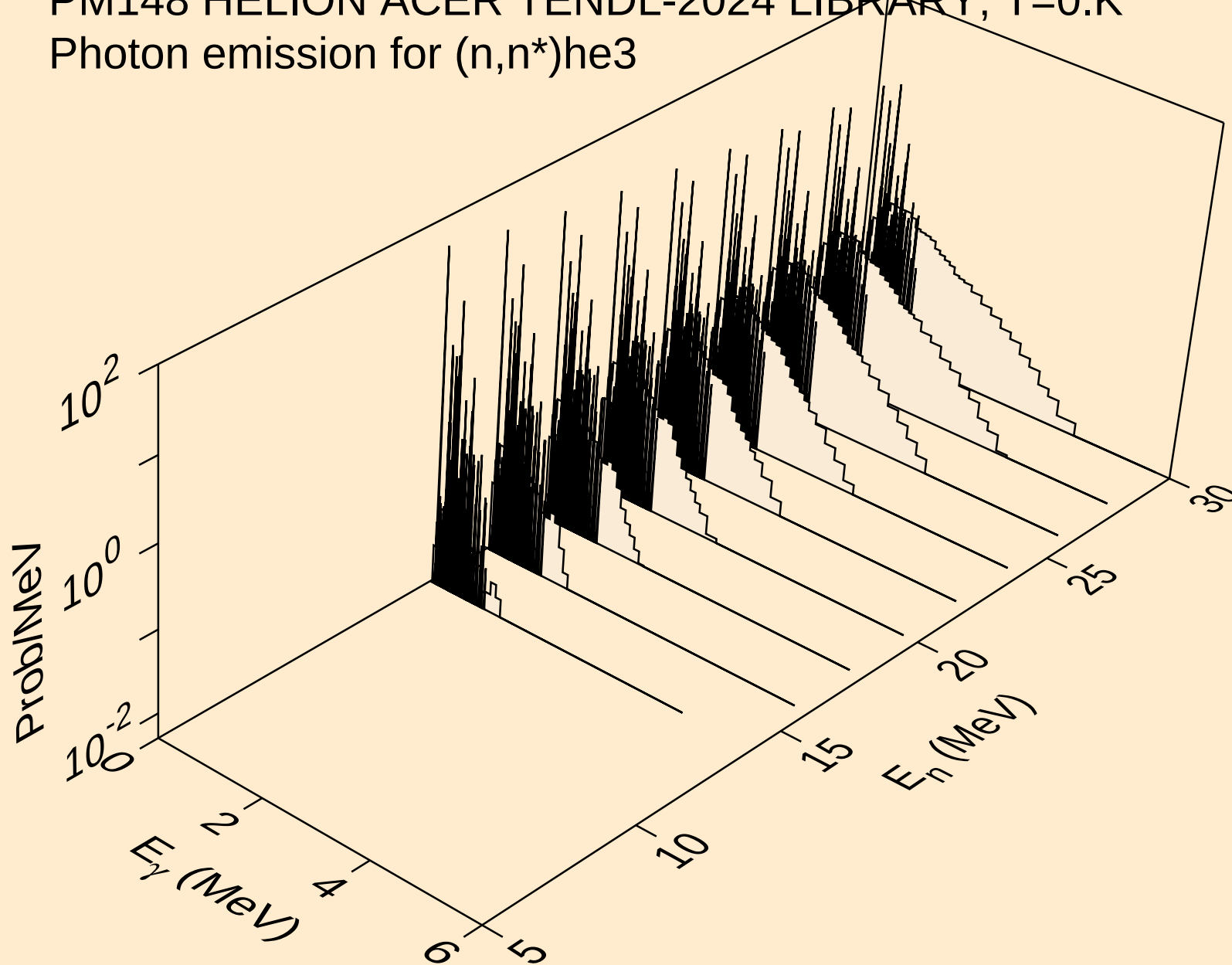


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

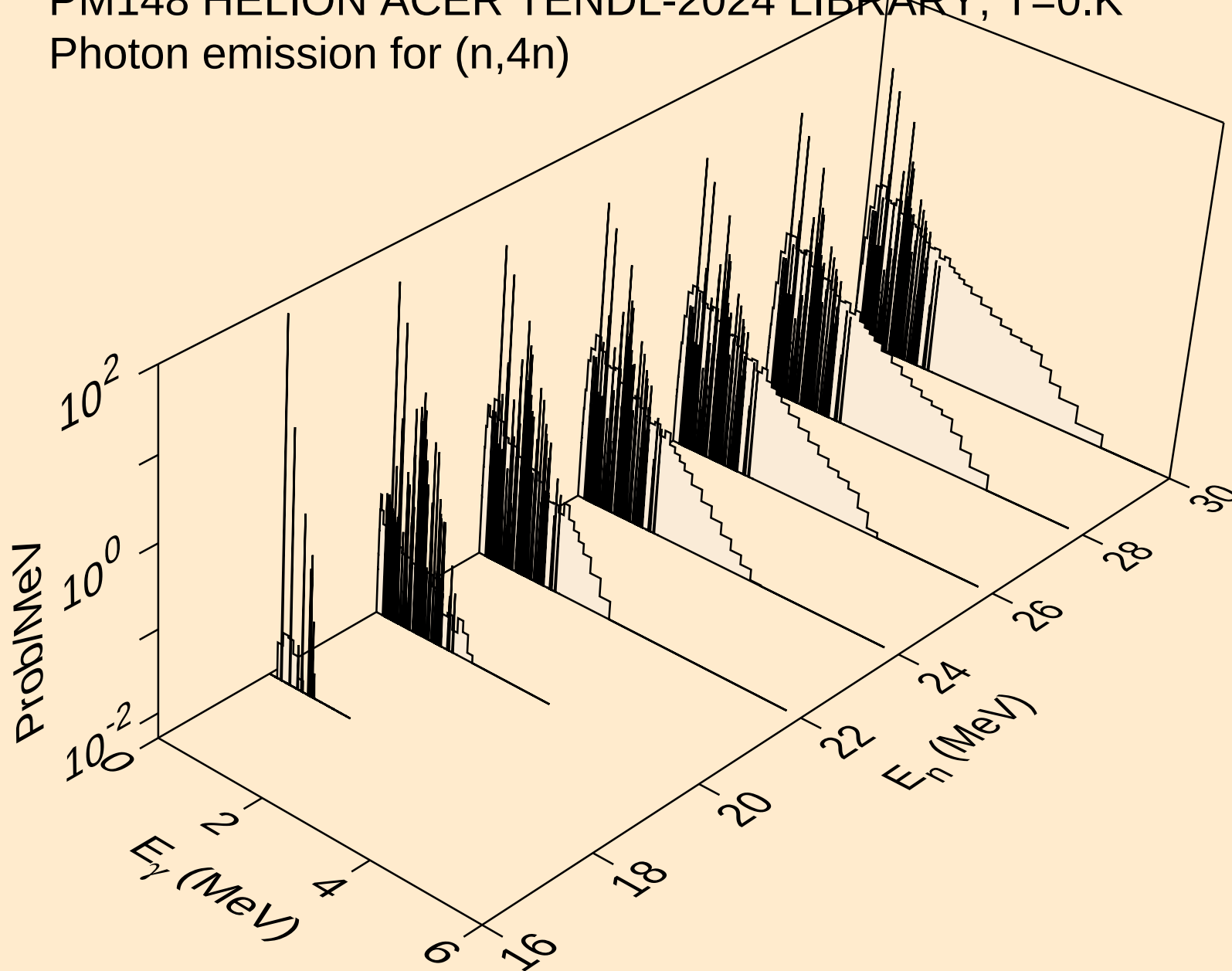
Photon emission for (n,n\*)t



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

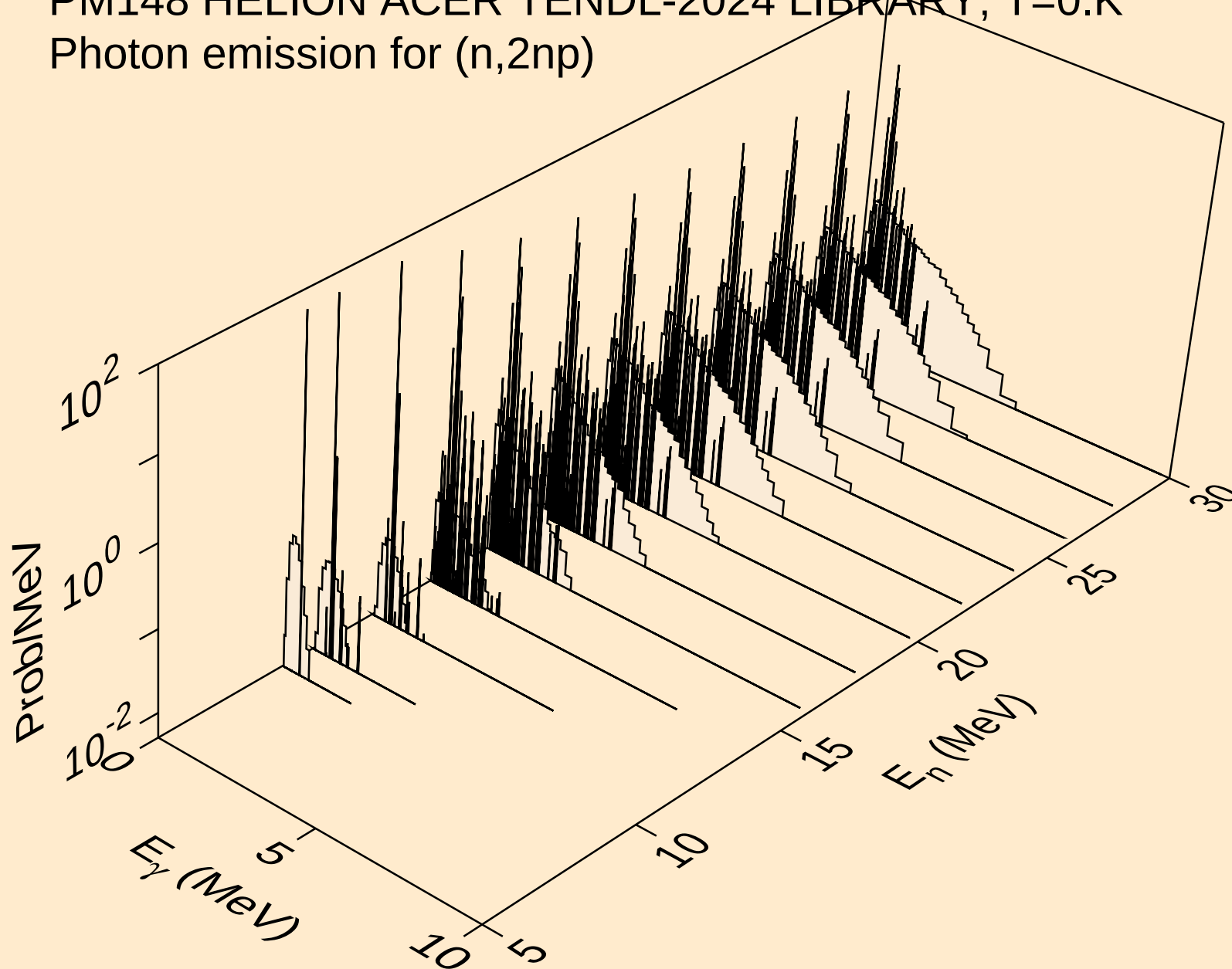


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

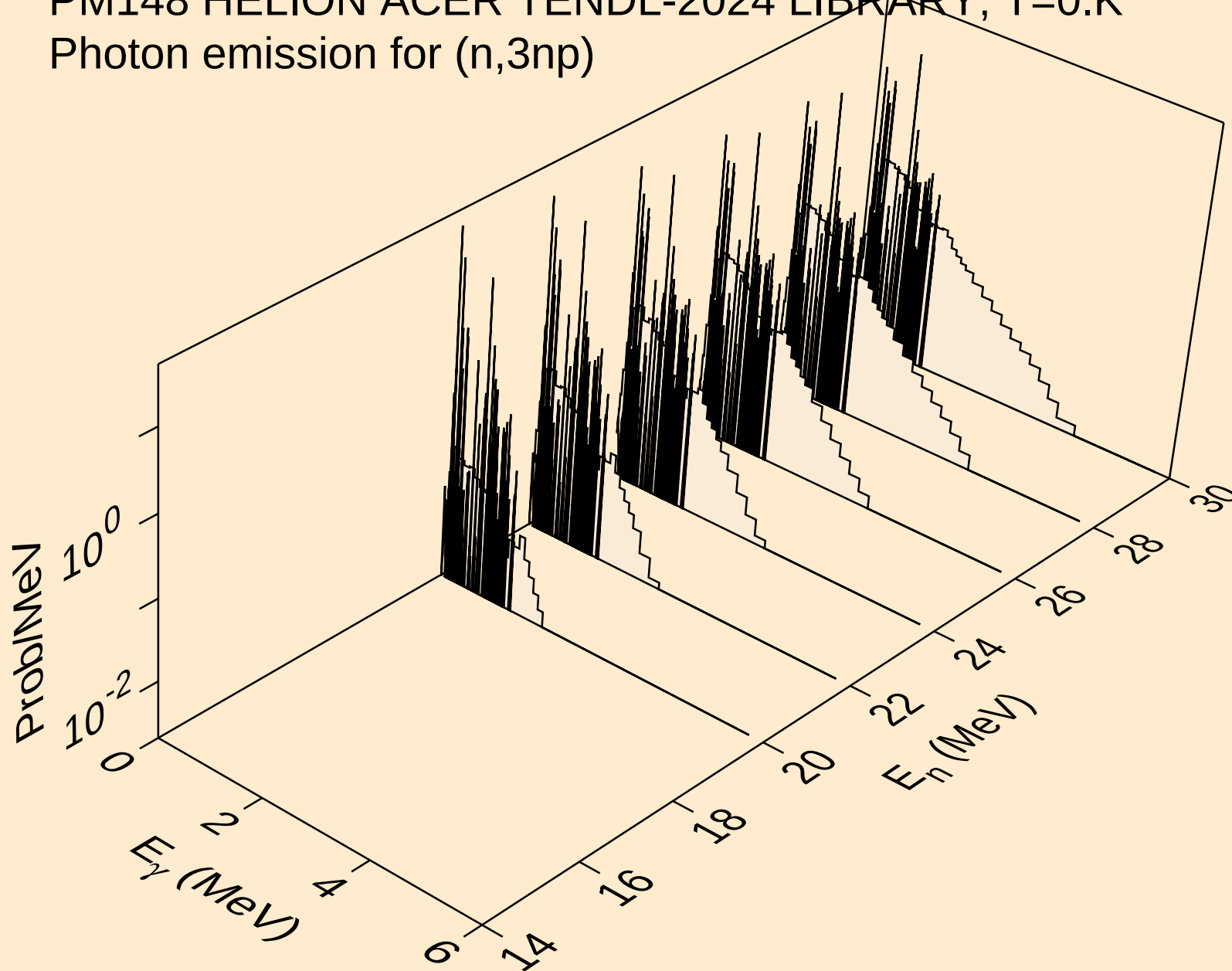




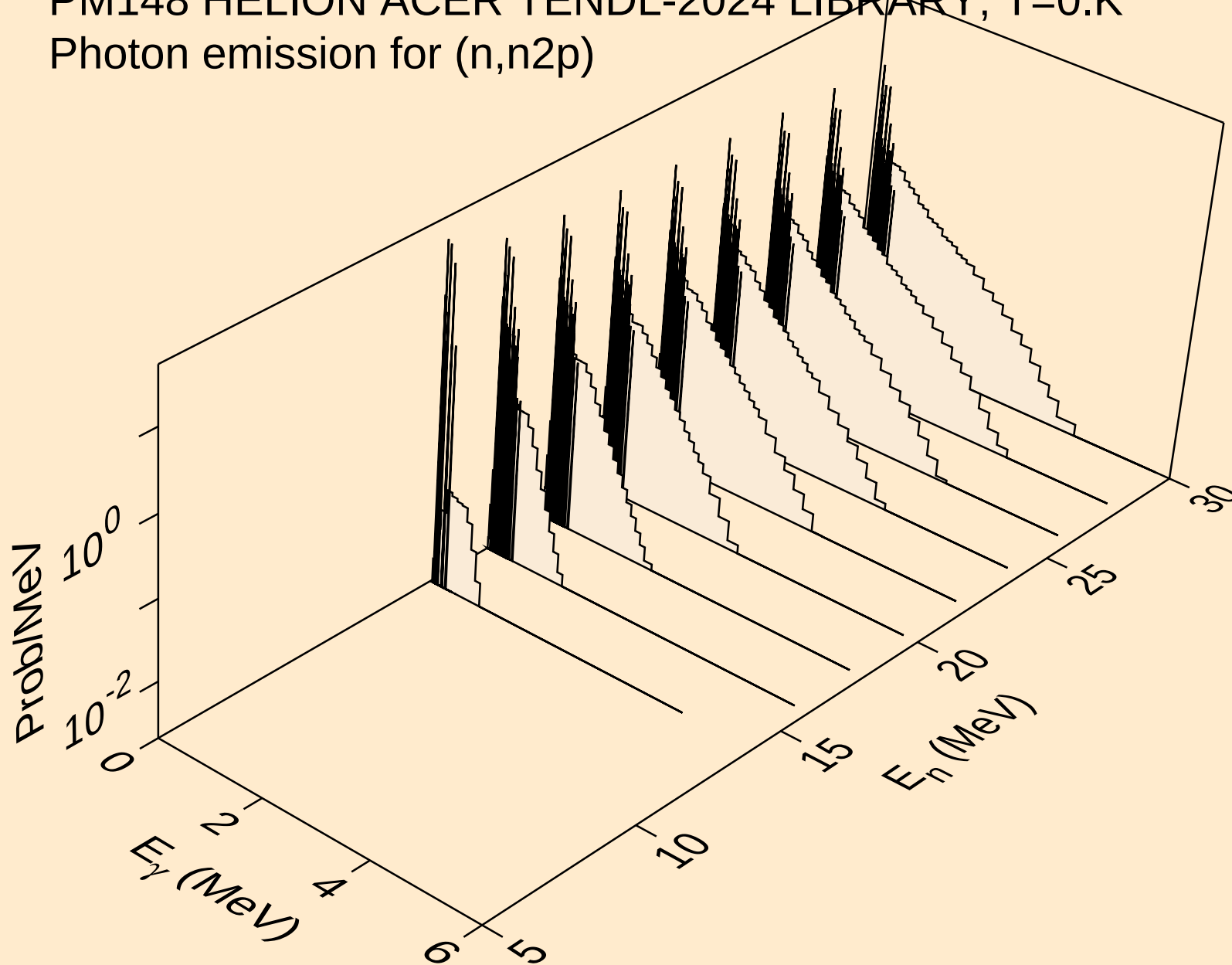
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



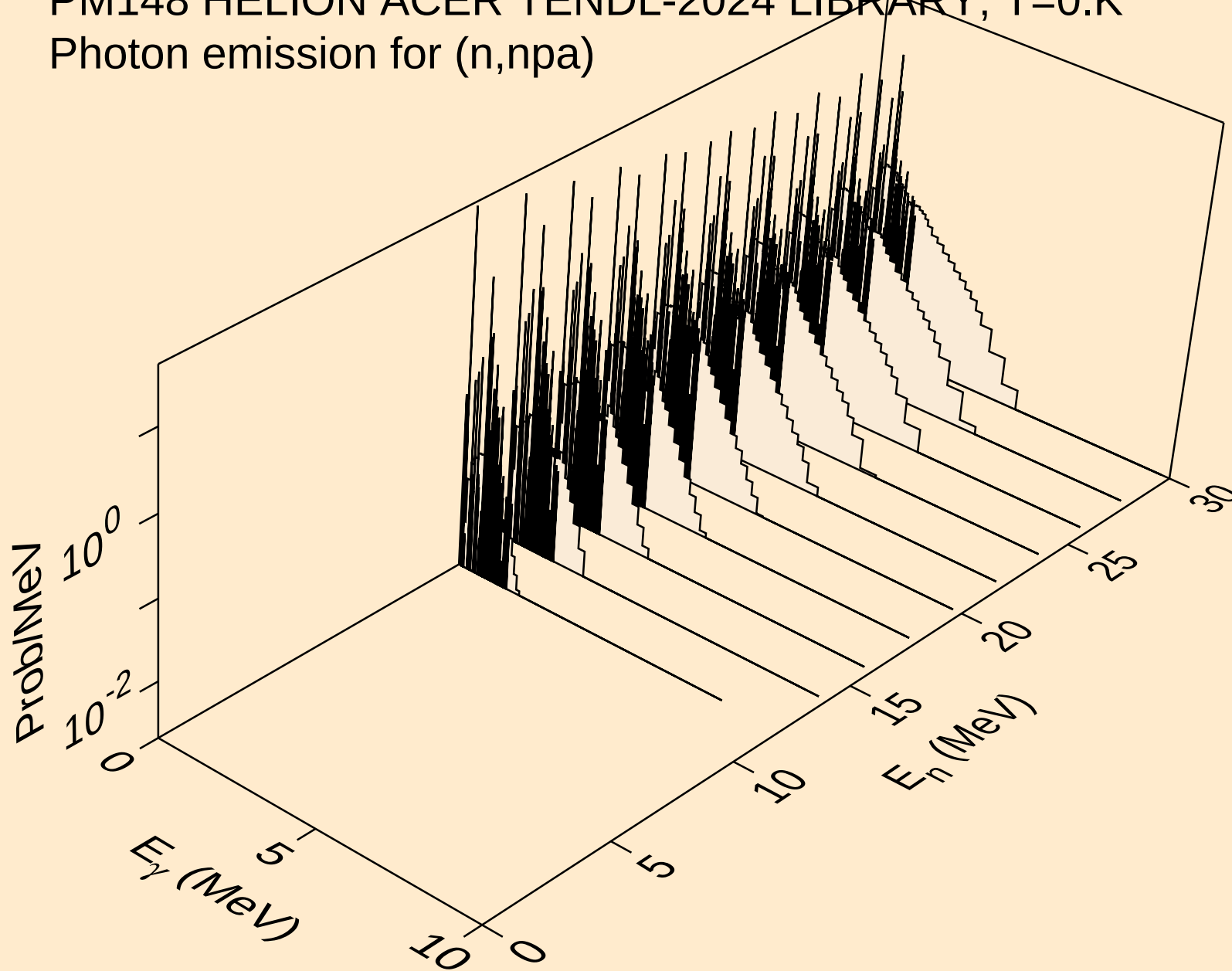
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



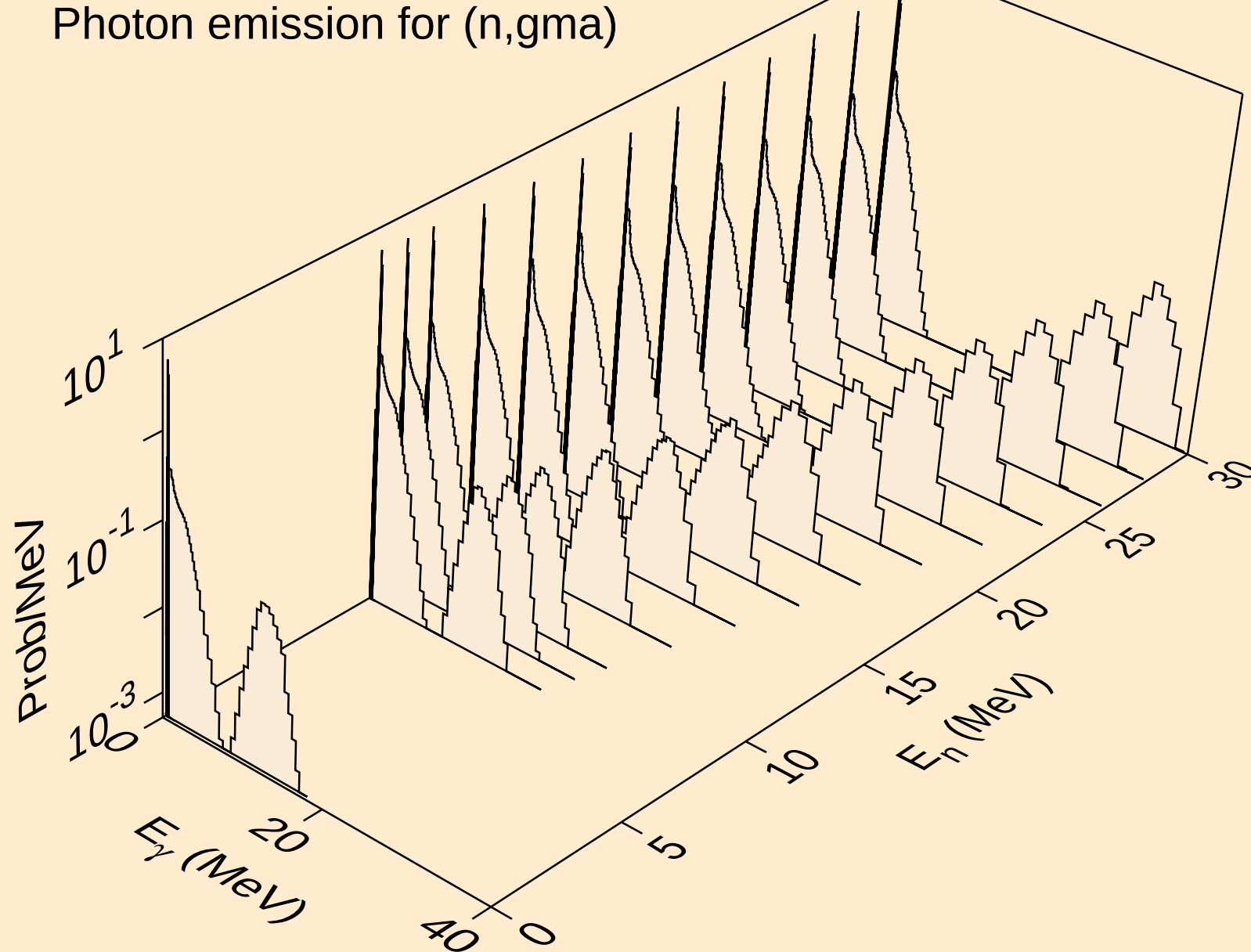
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



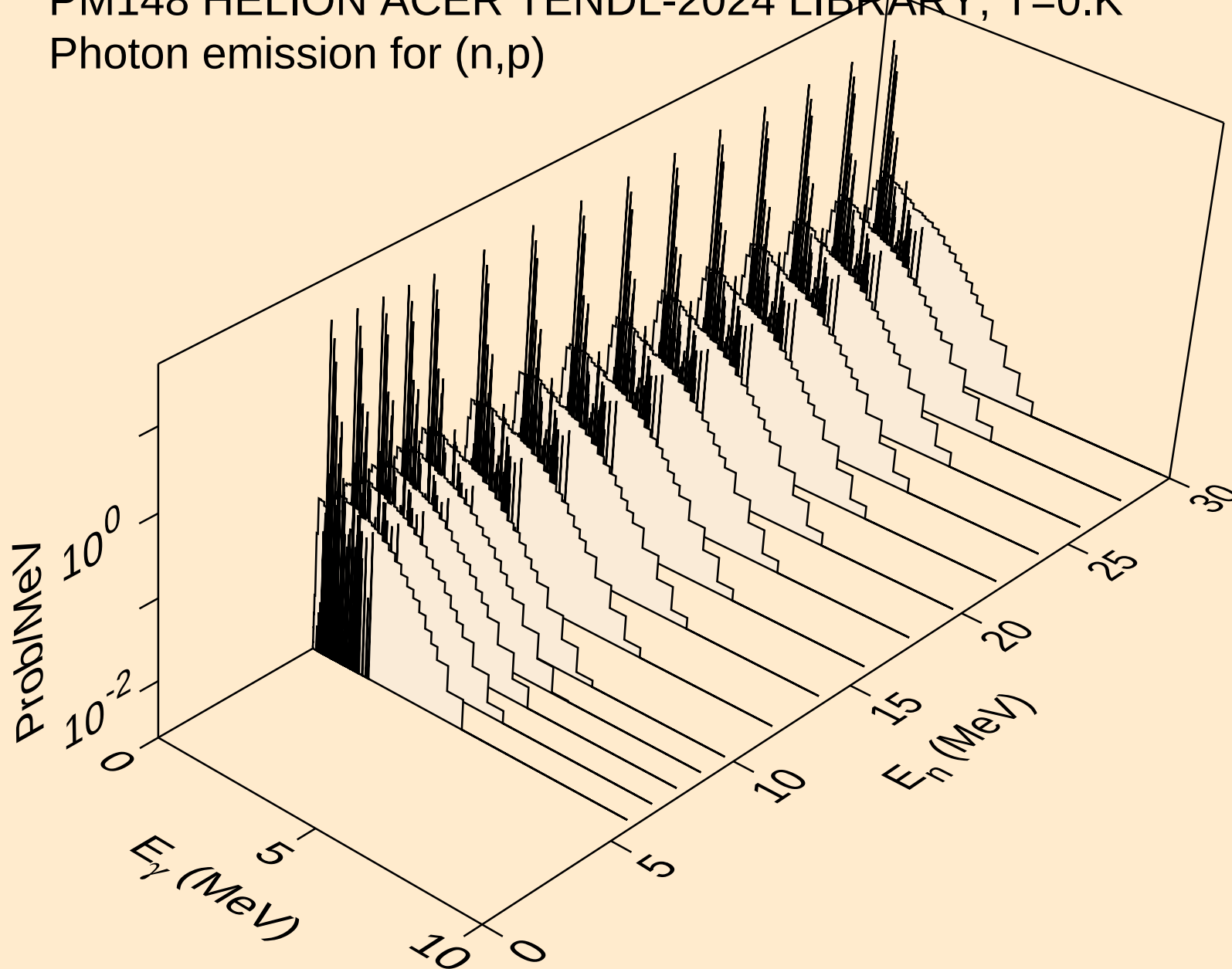
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



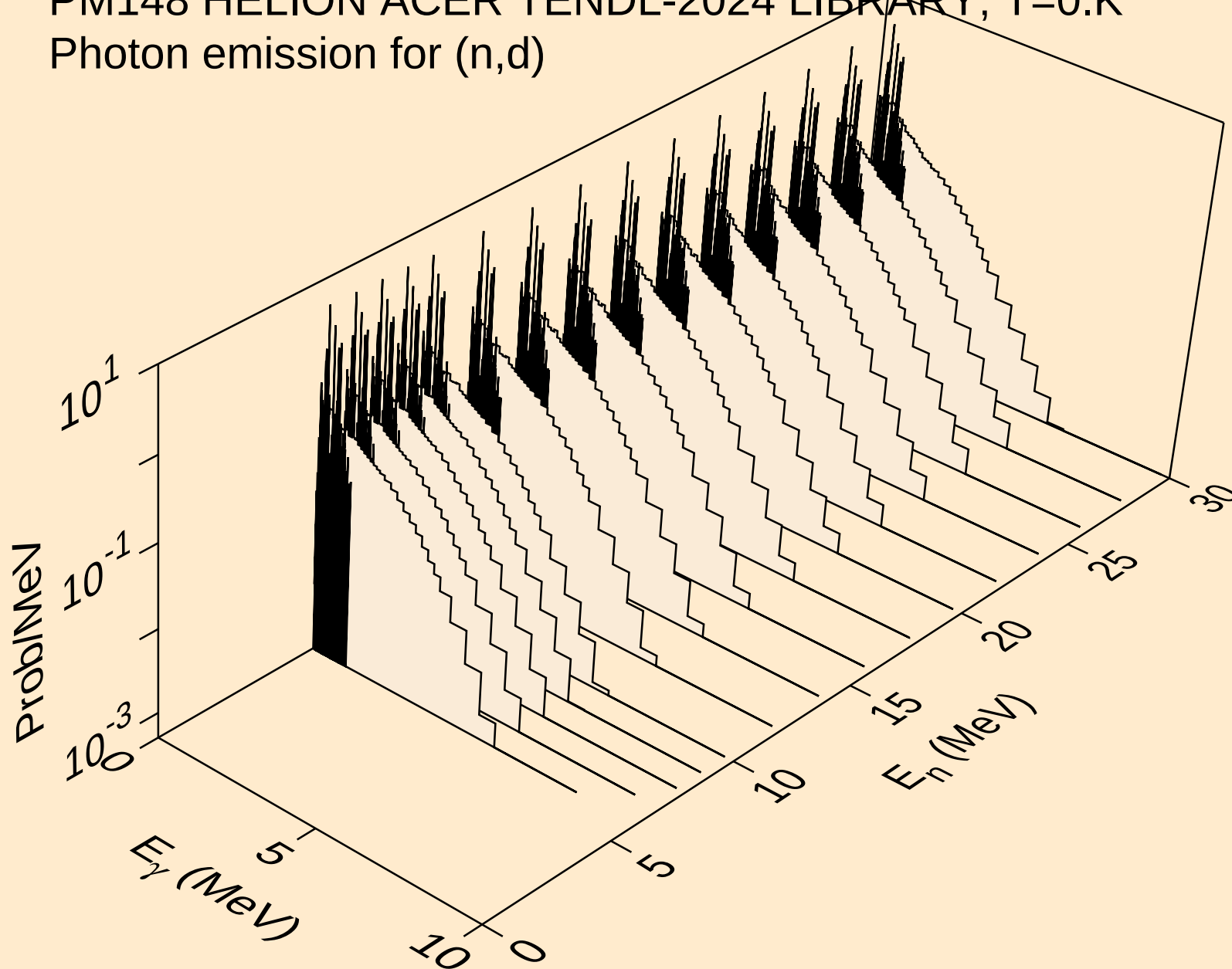
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



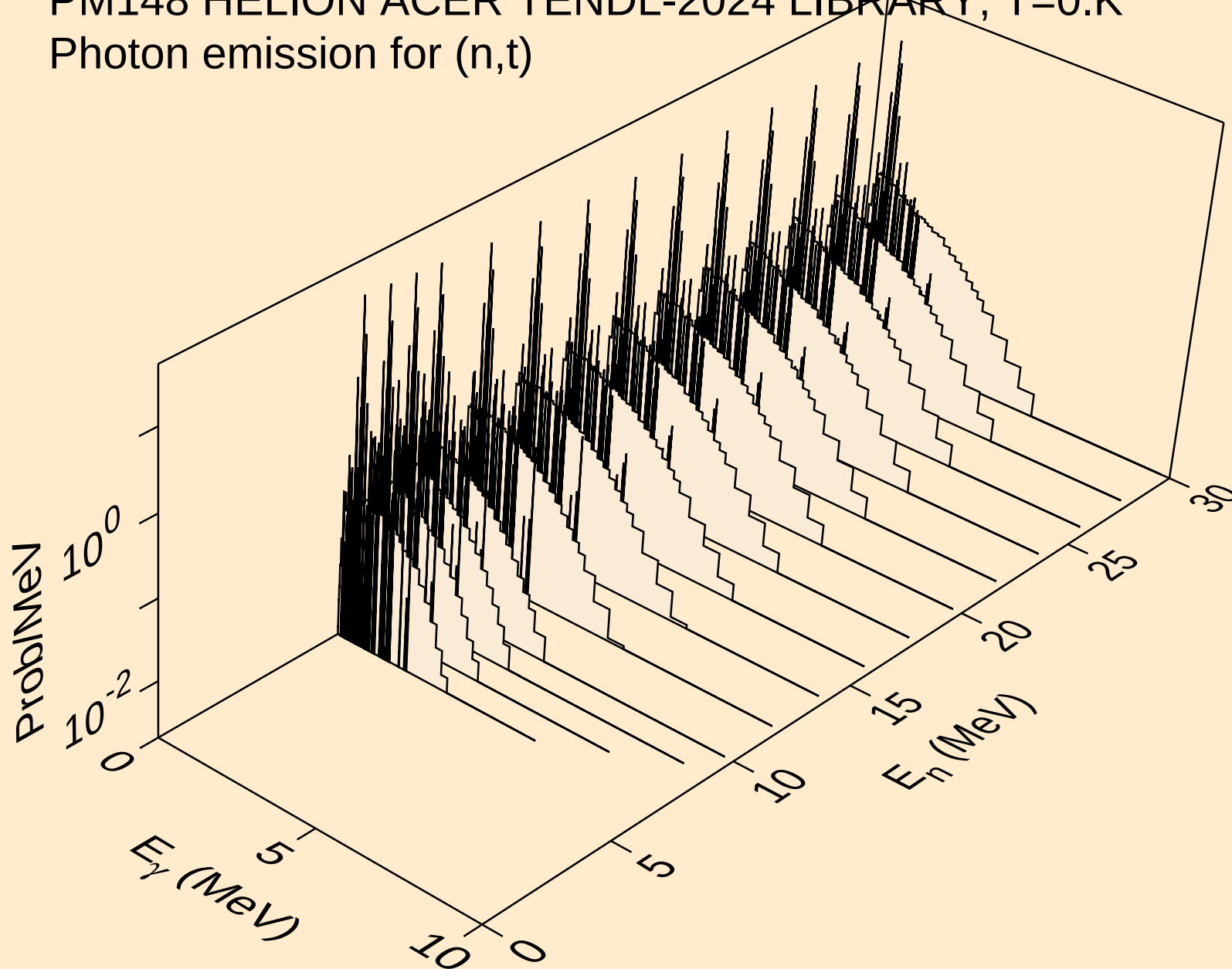
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

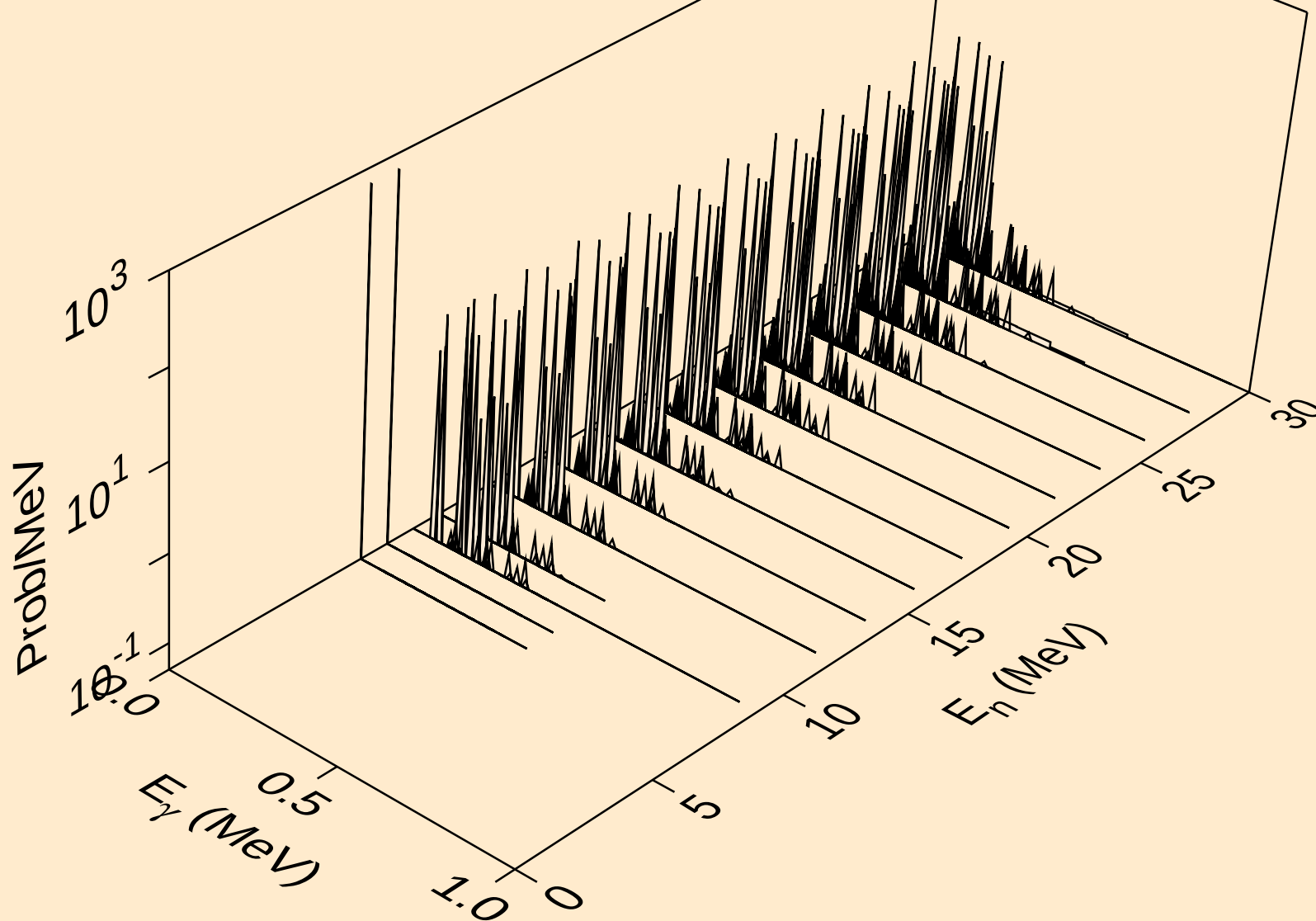


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

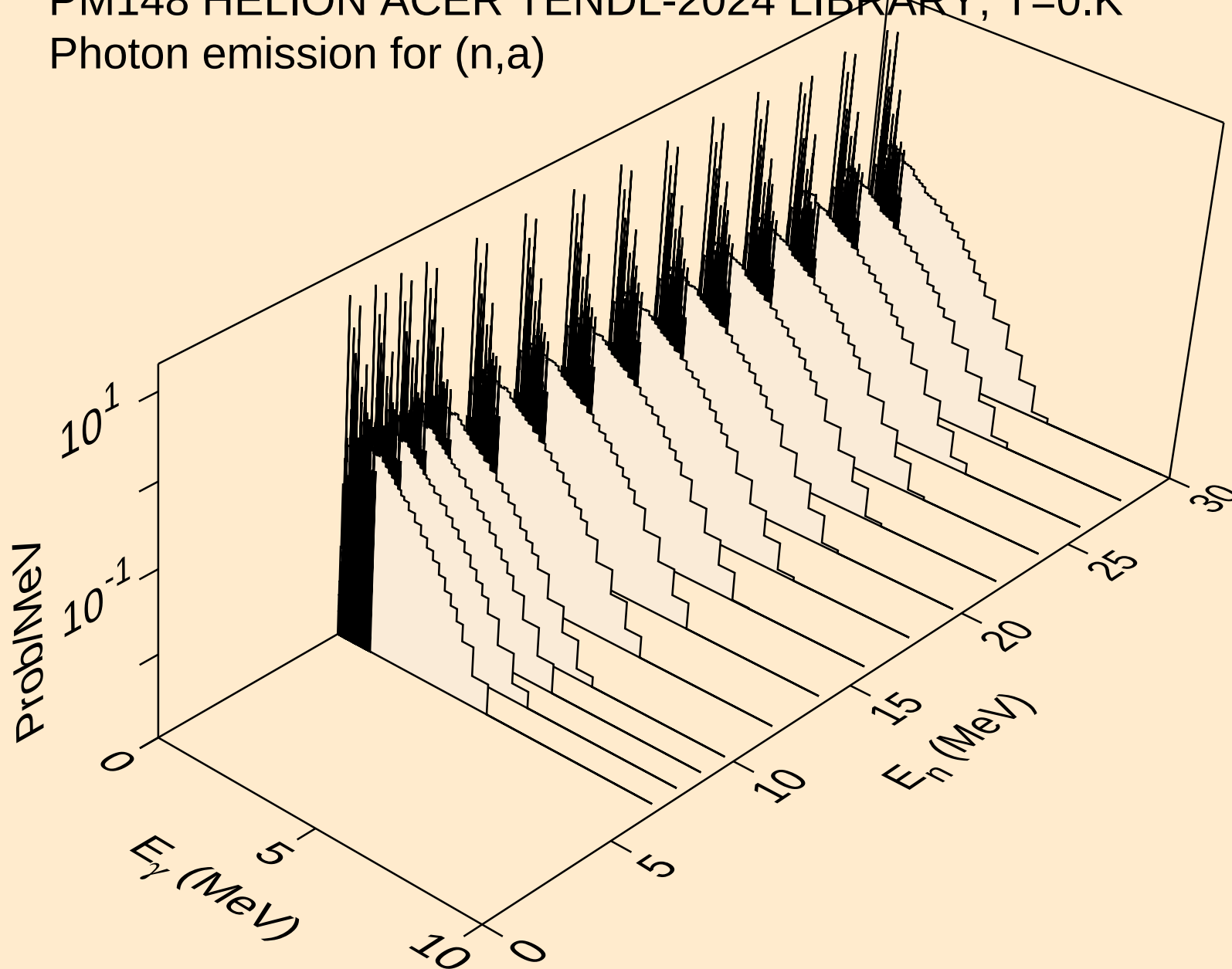




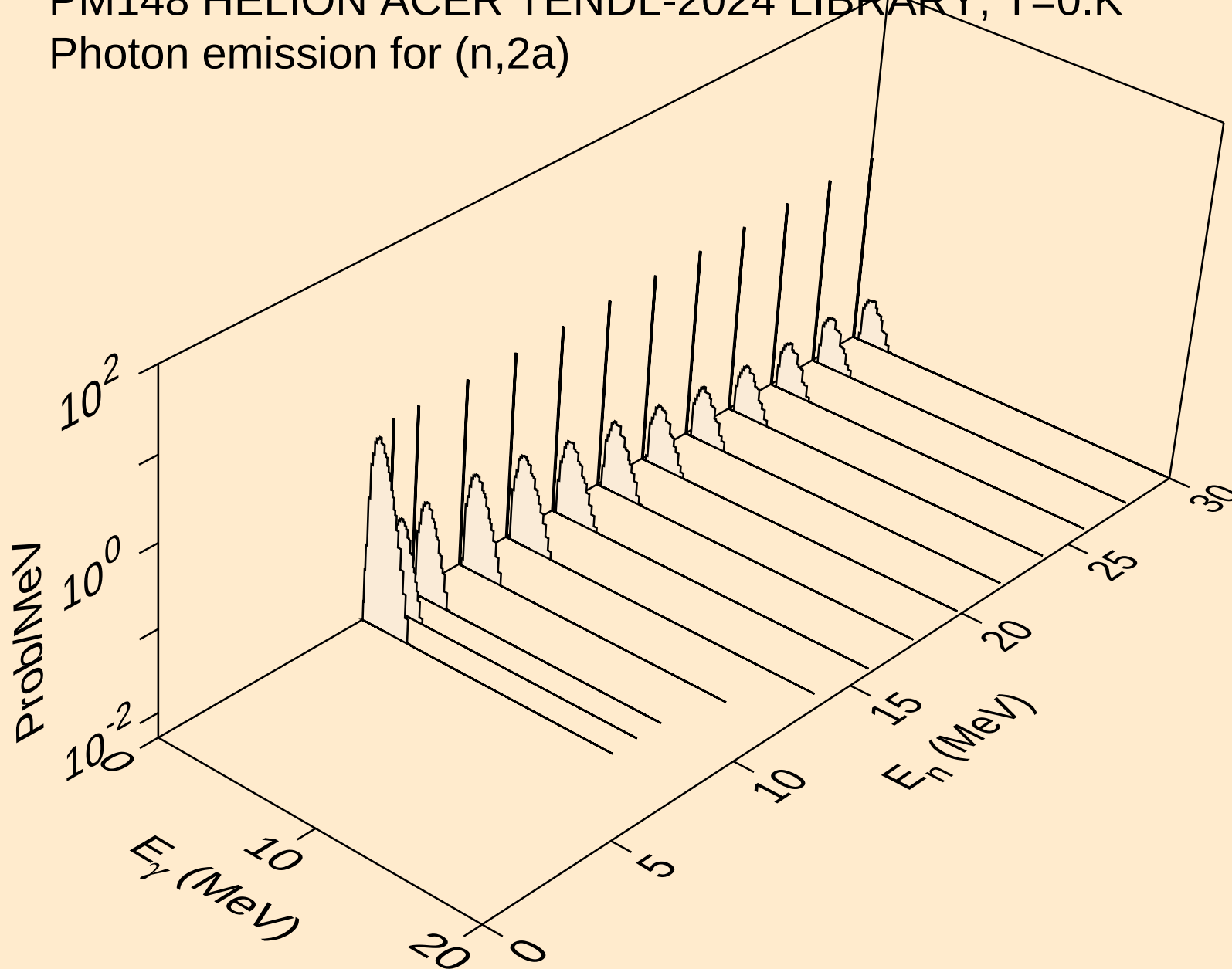
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



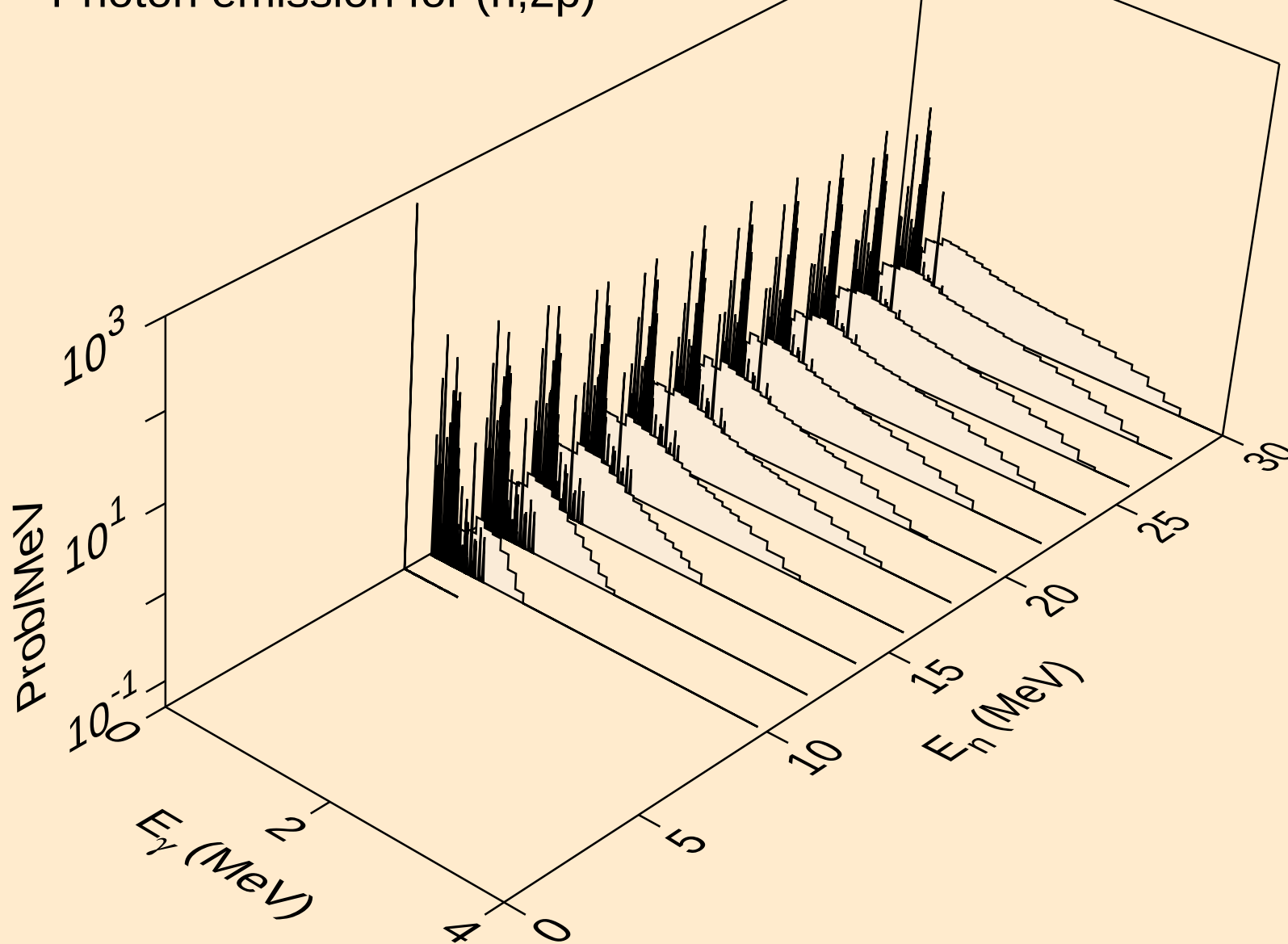
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



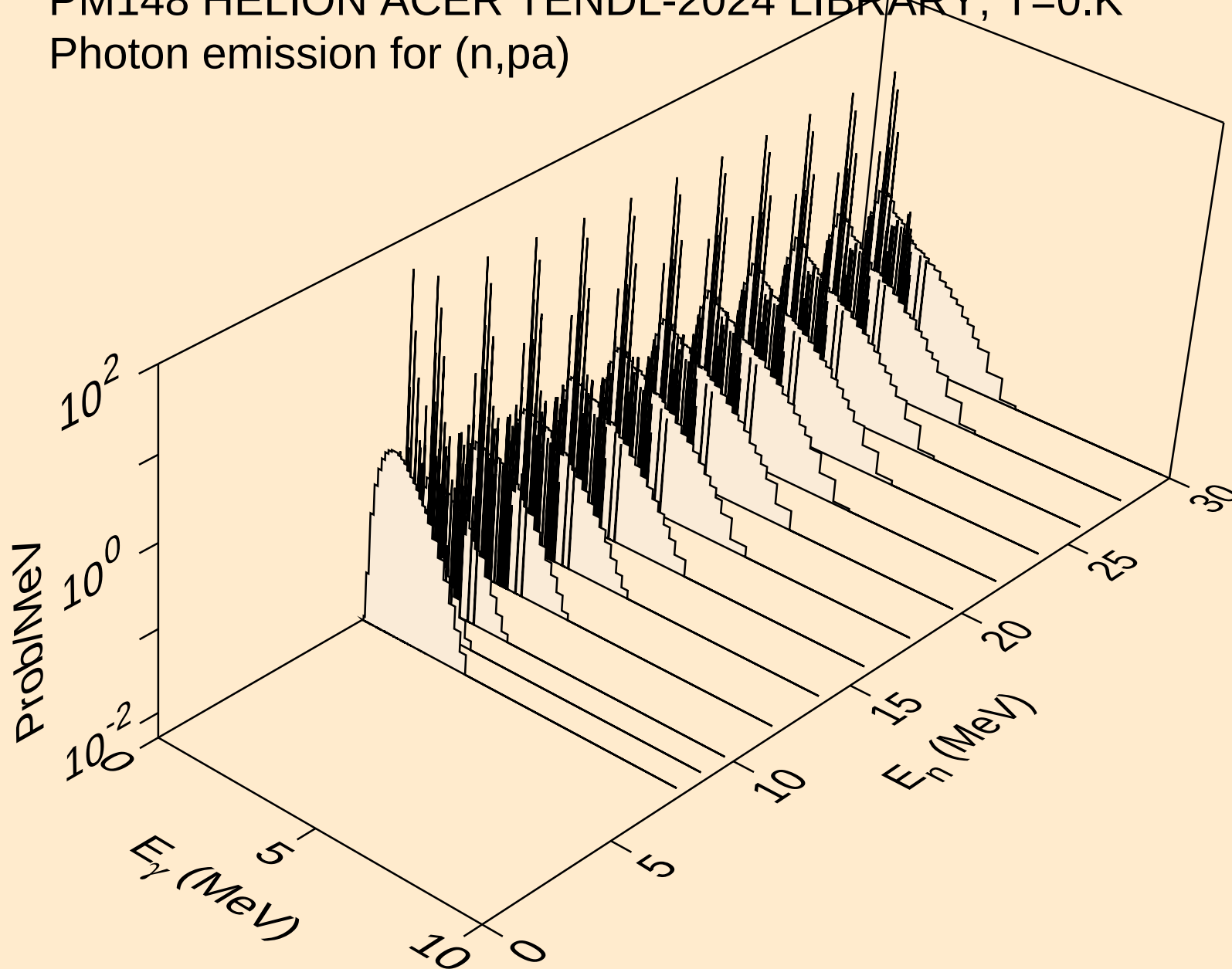
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



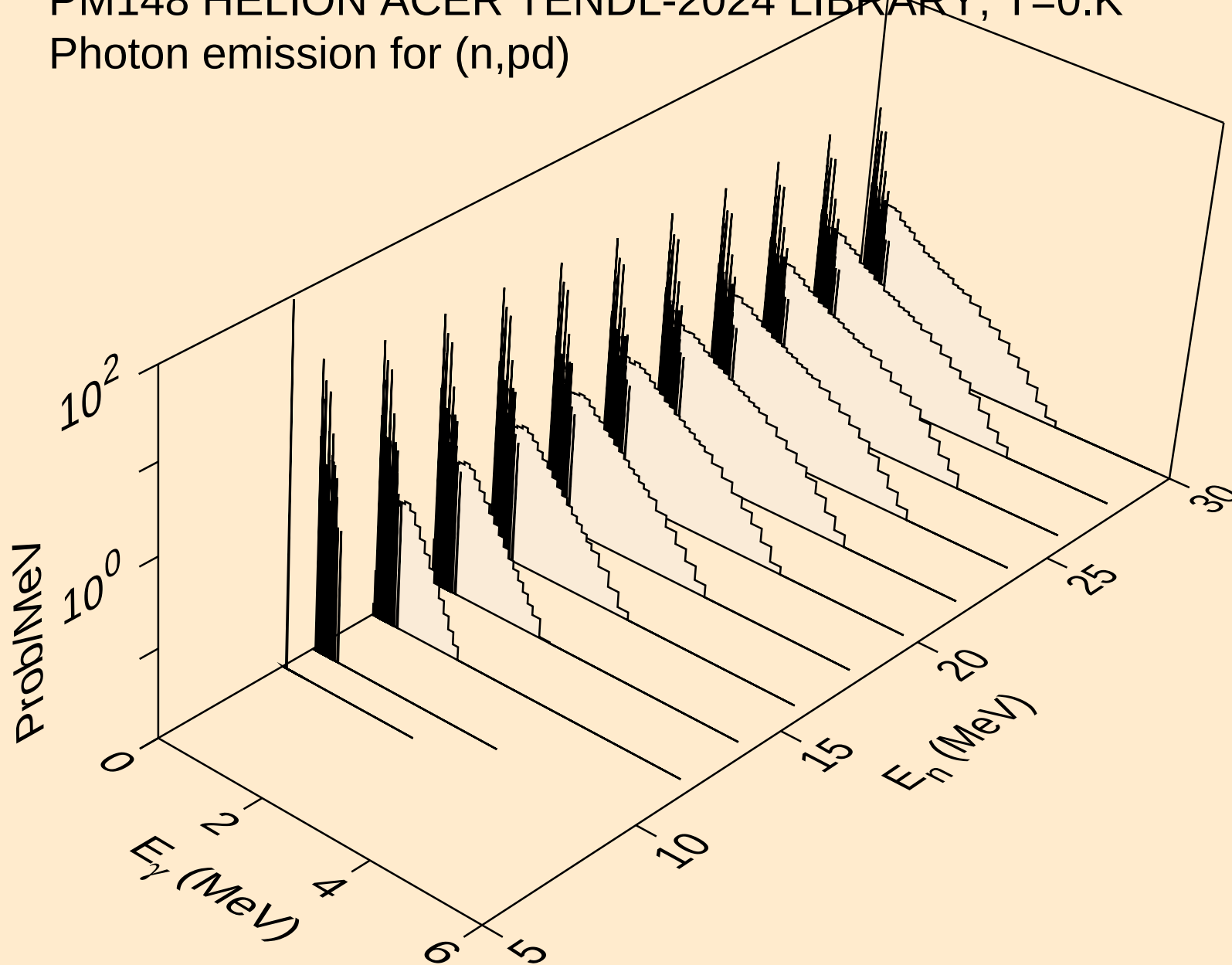
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



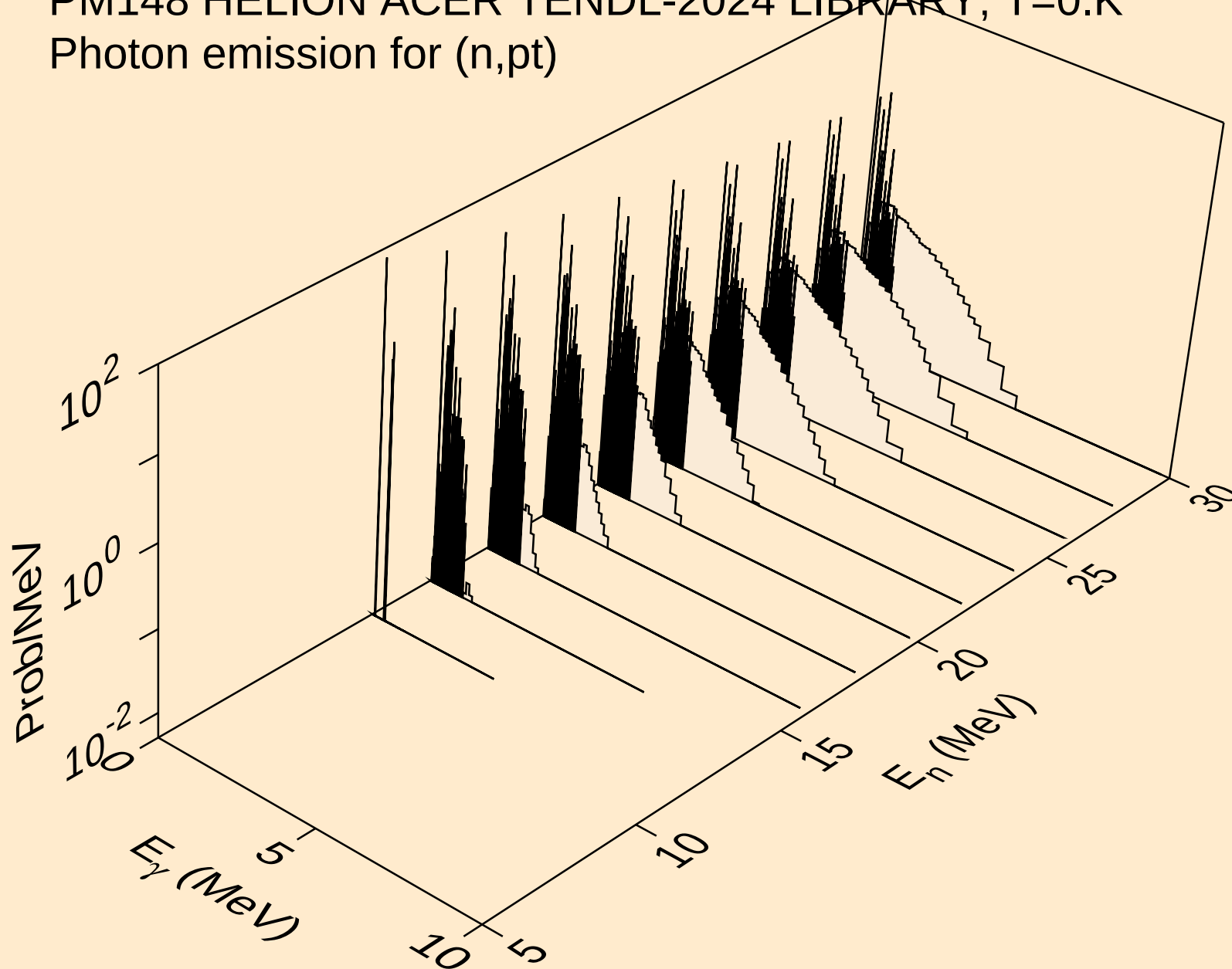
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



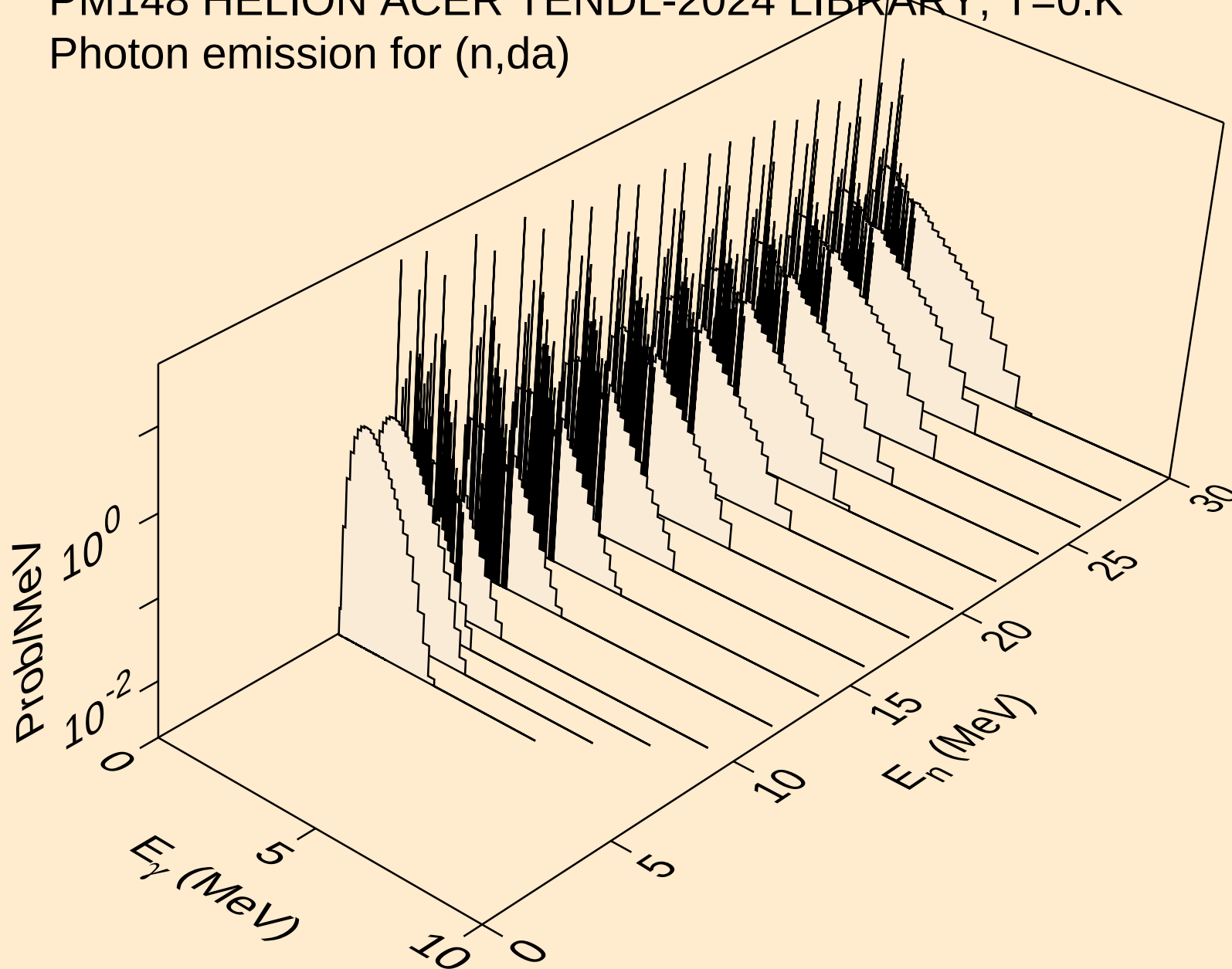
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

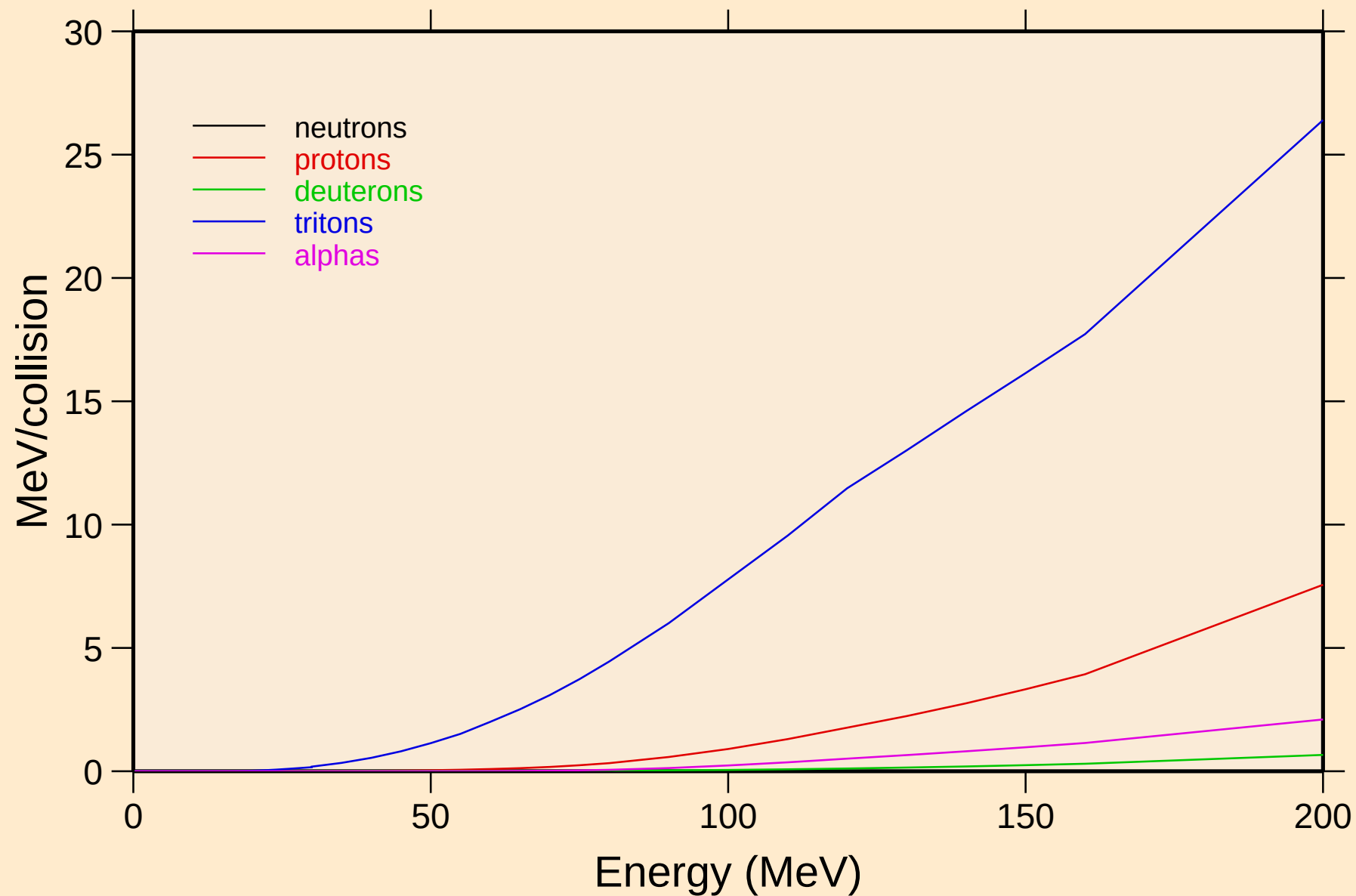


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



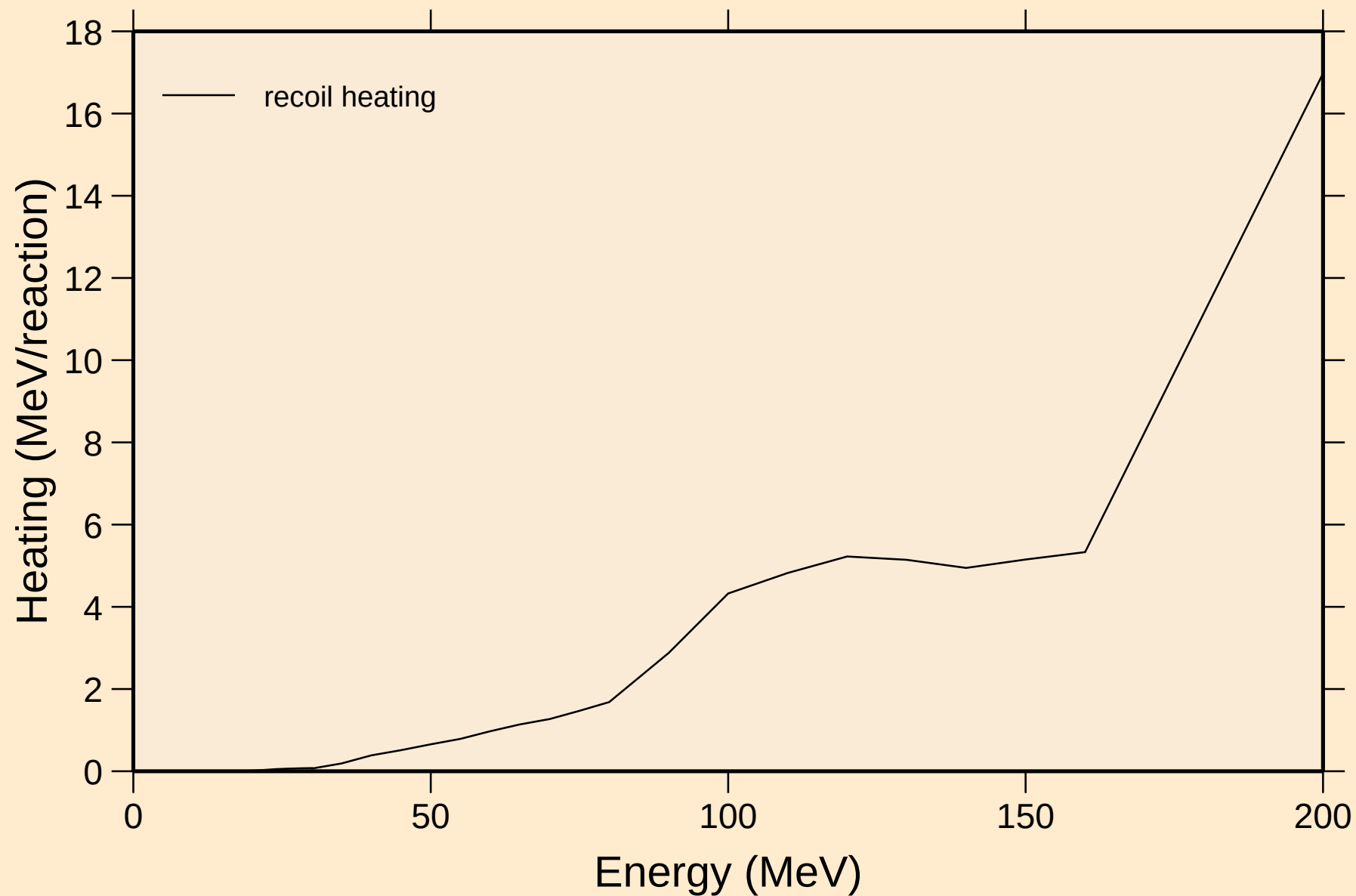


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



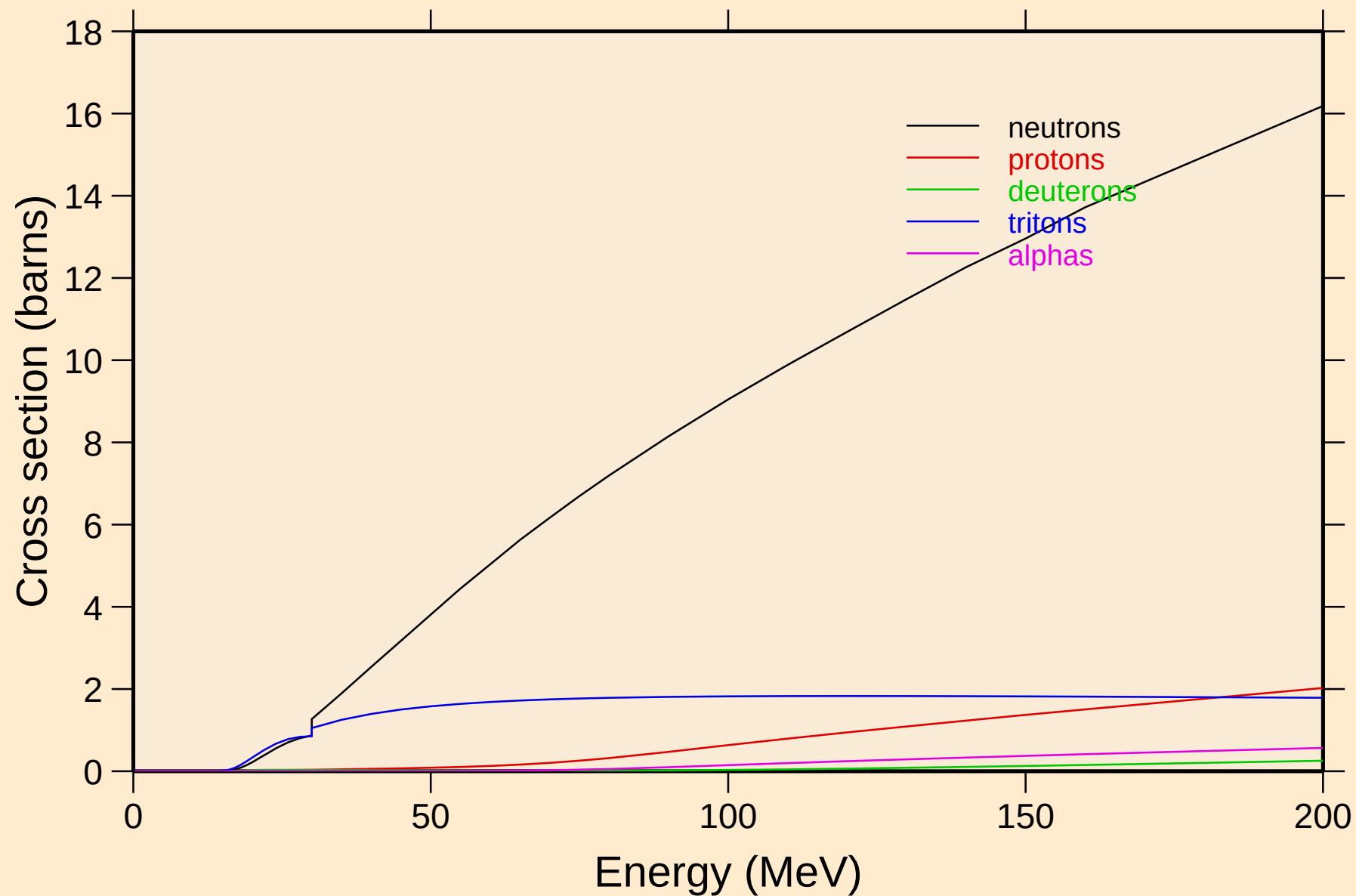
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

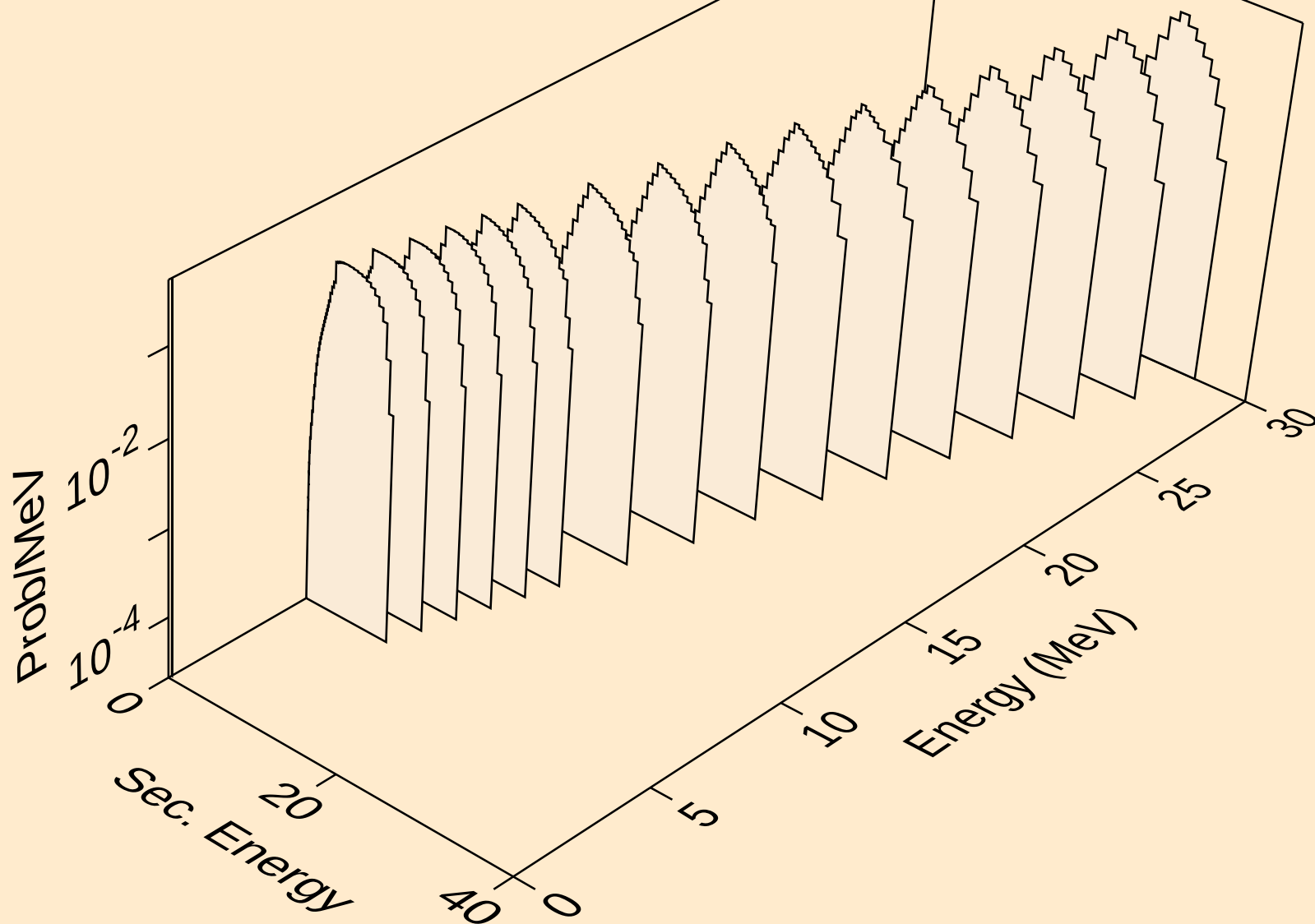


# PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K

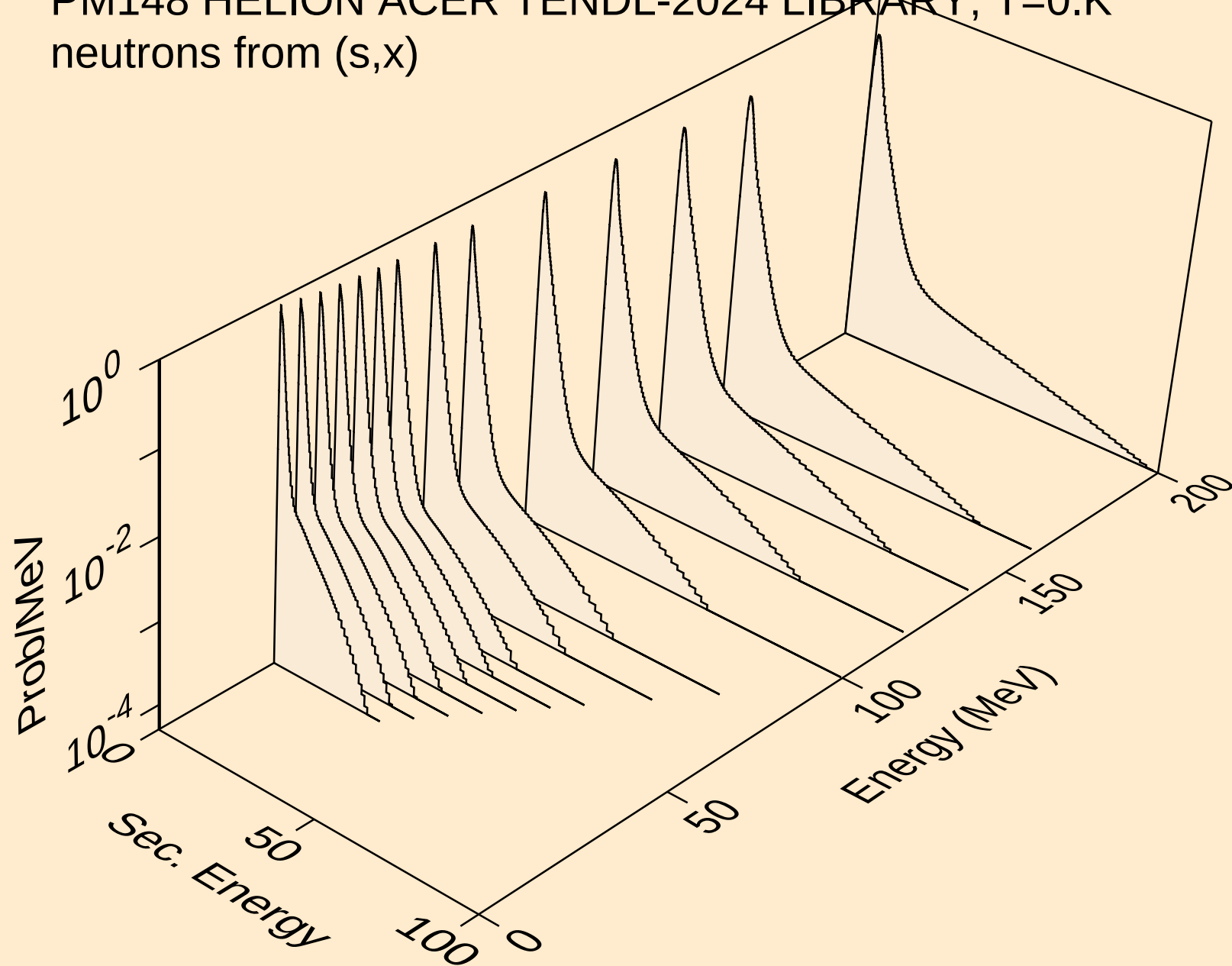
## Particle production cross sections



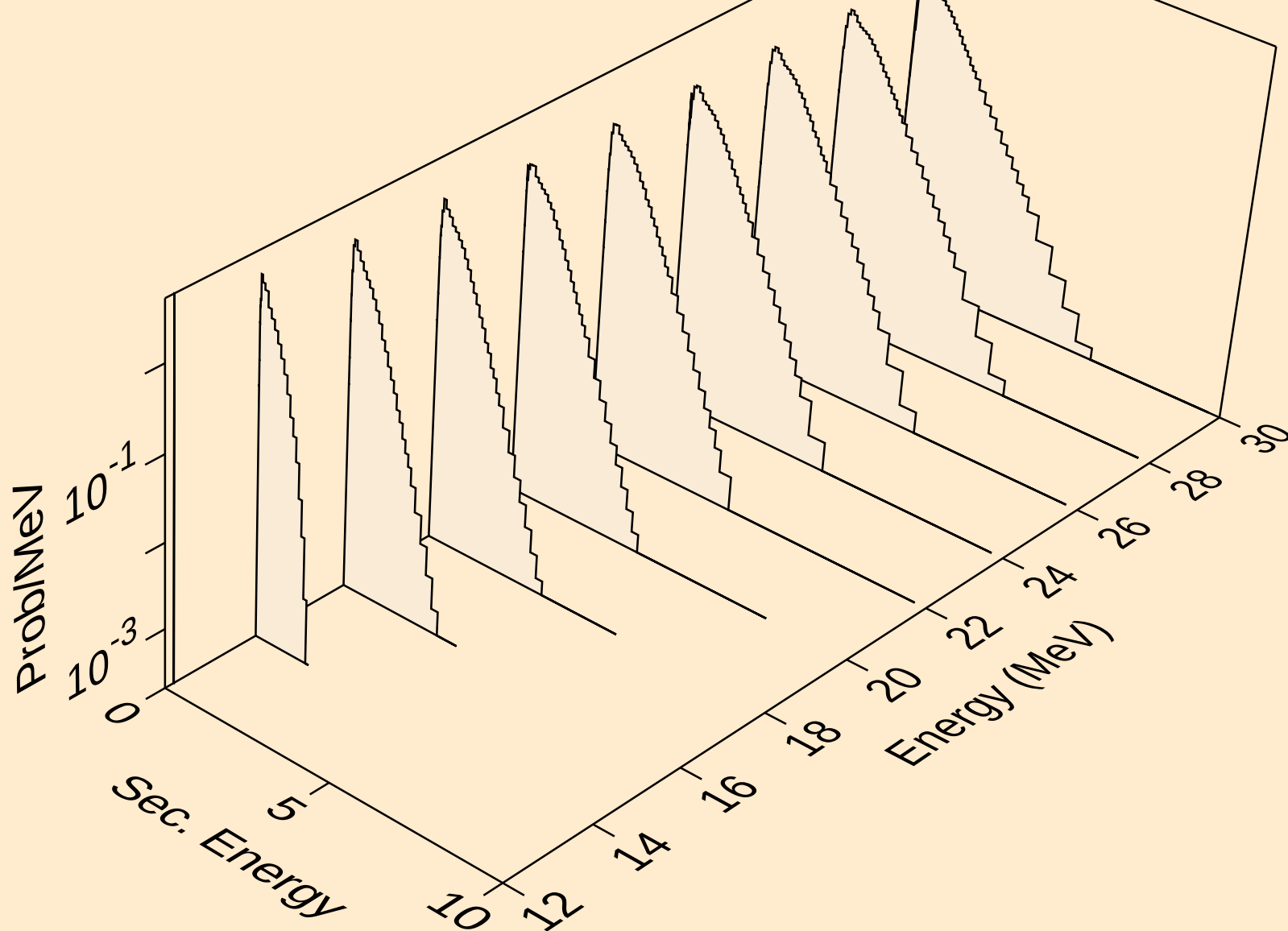
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



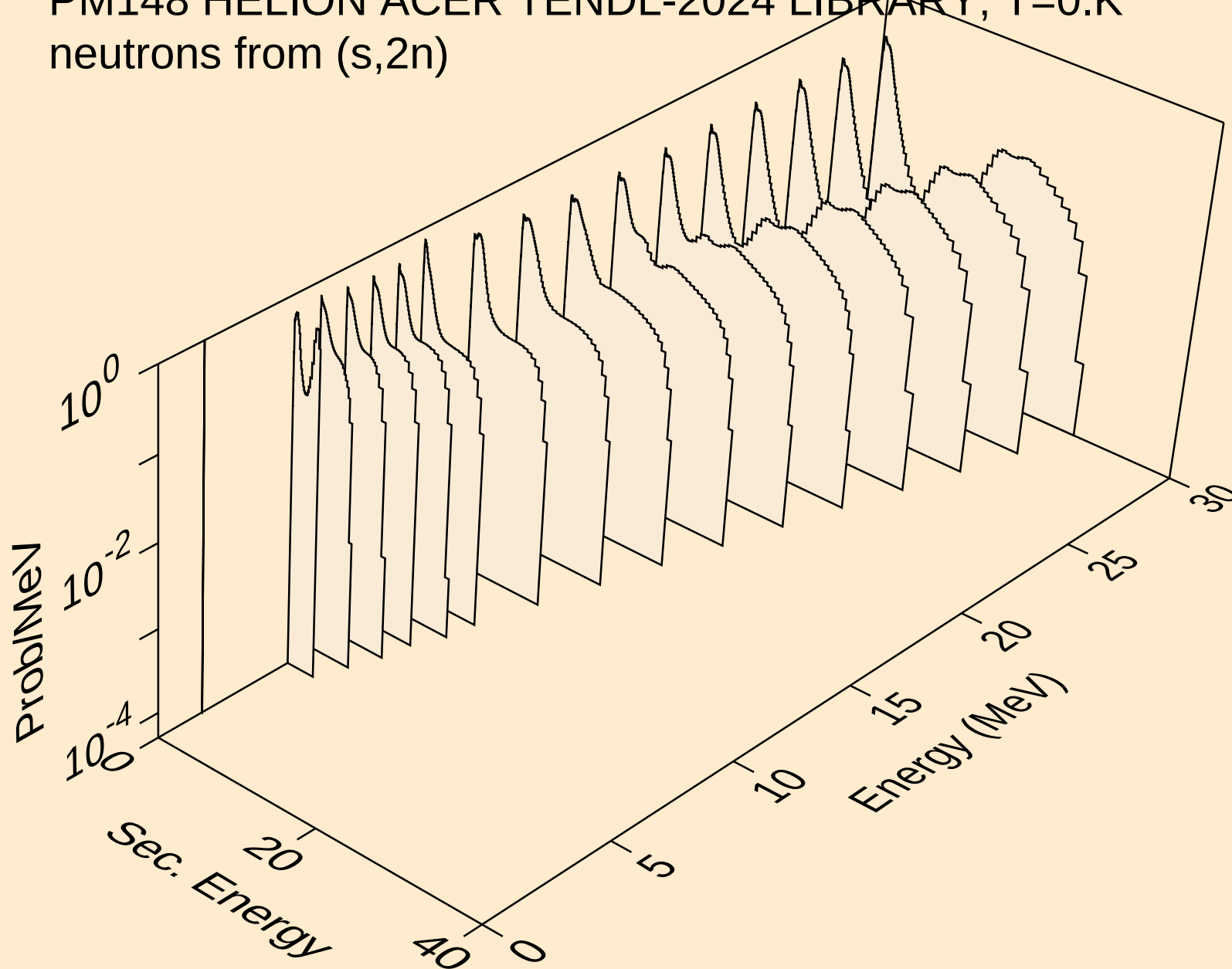
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



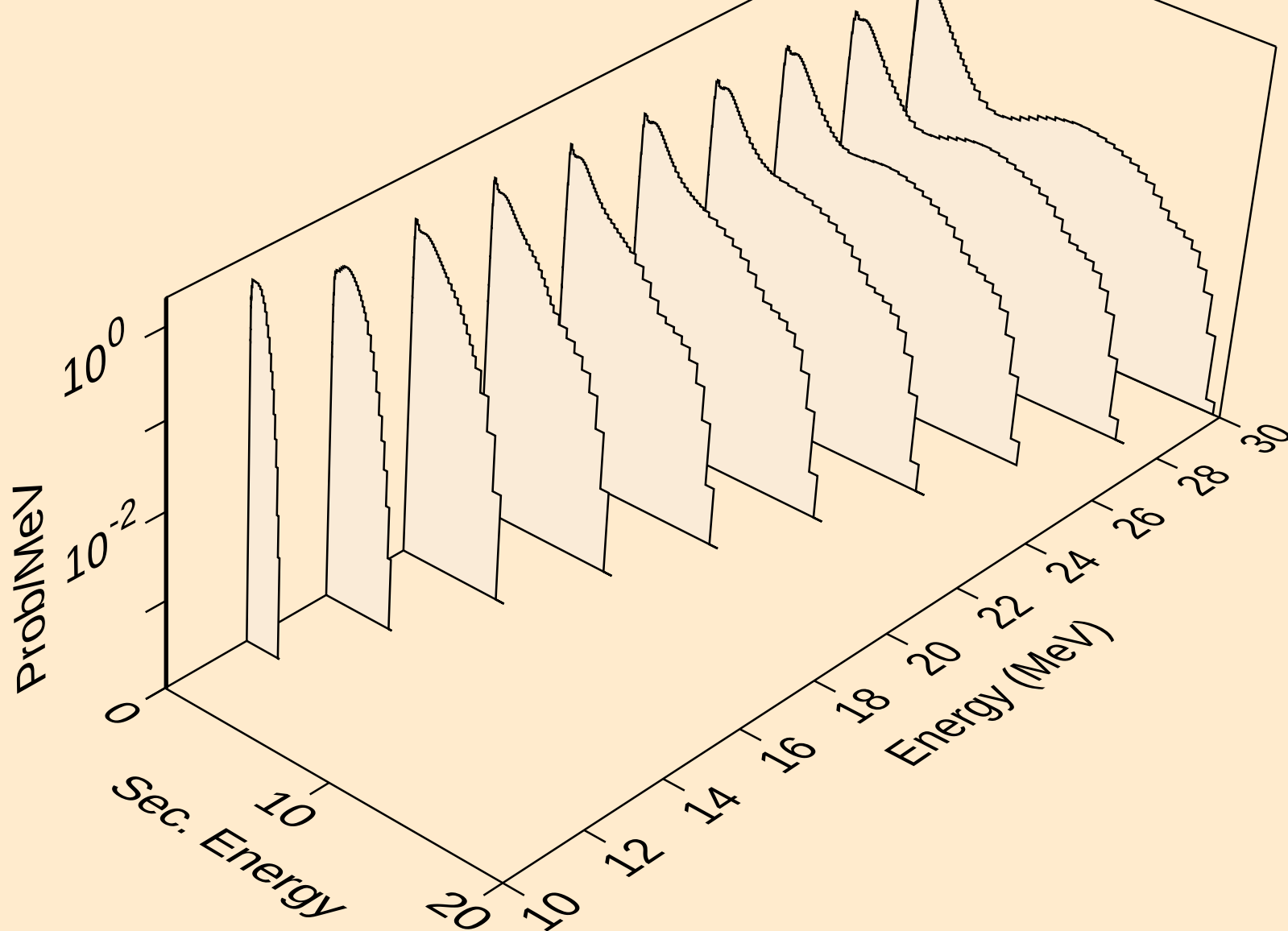
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)

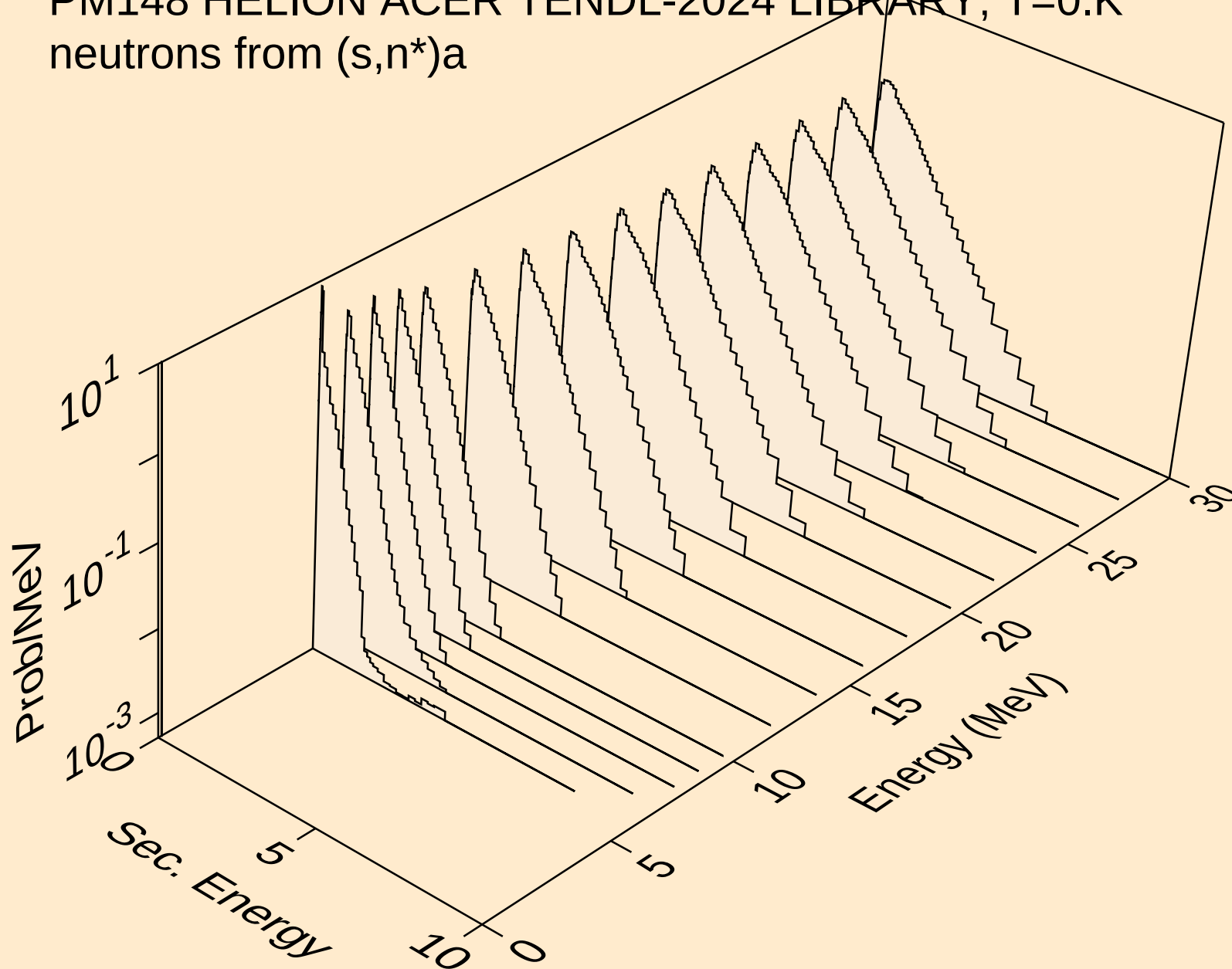


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)

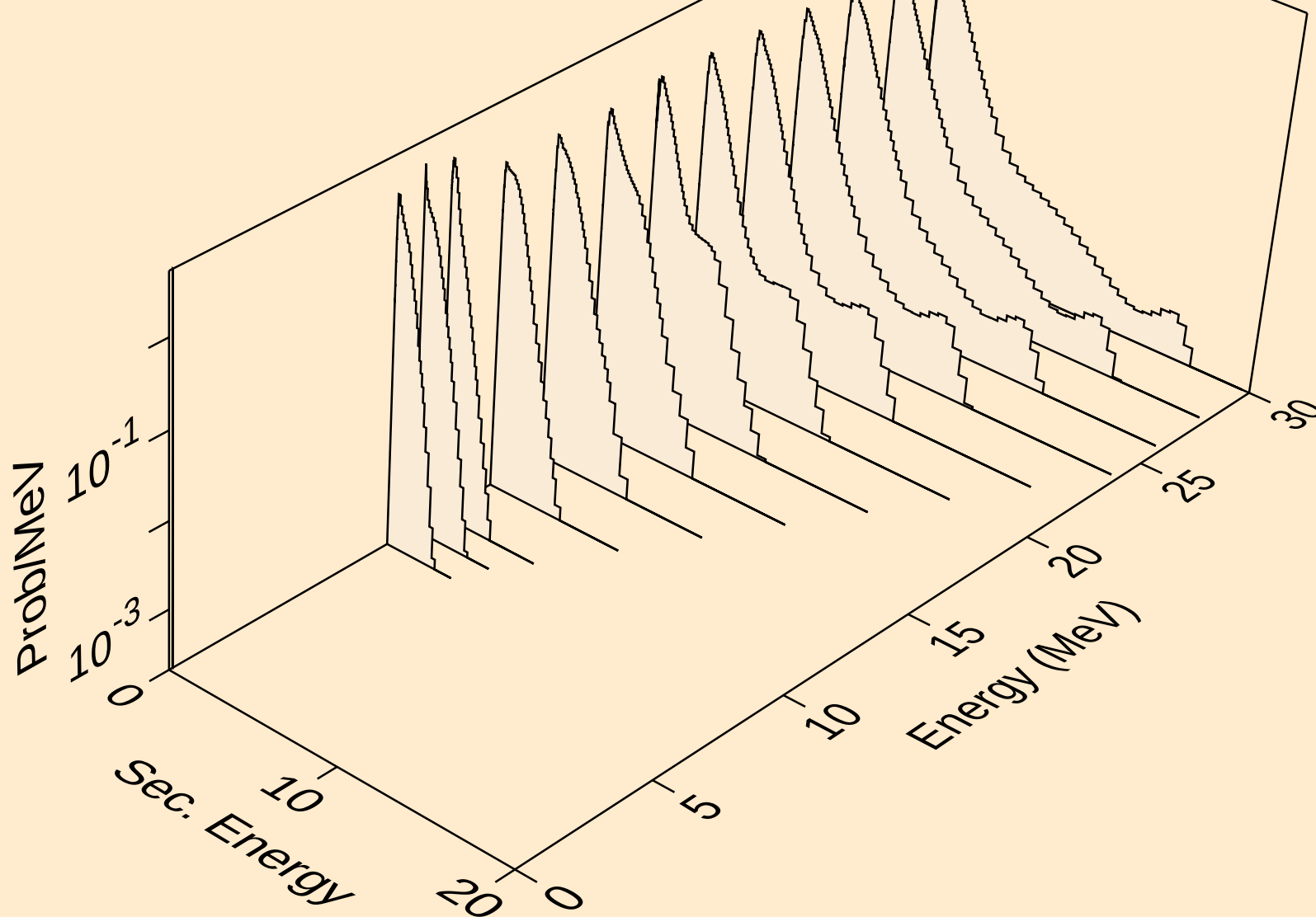




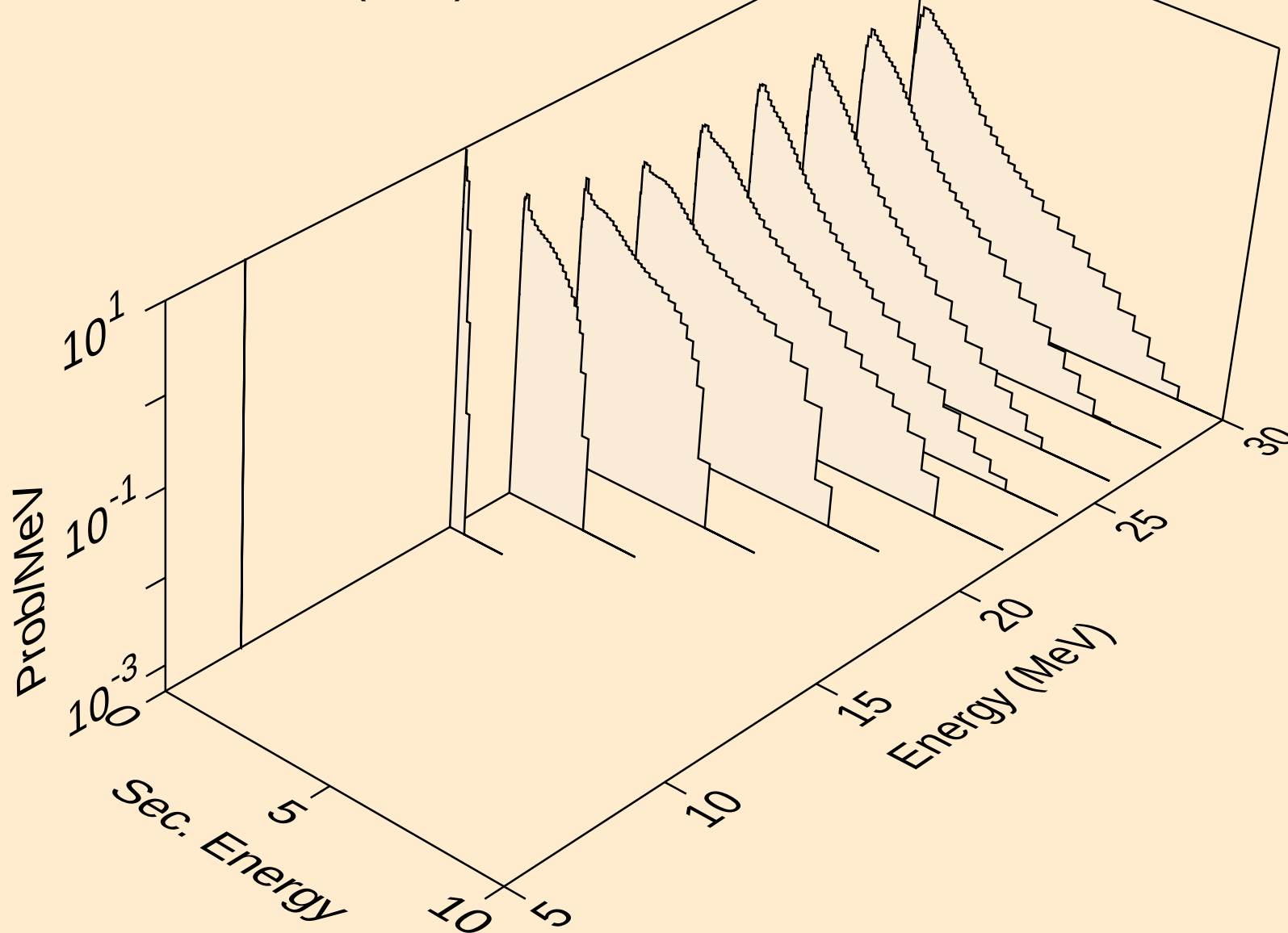
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



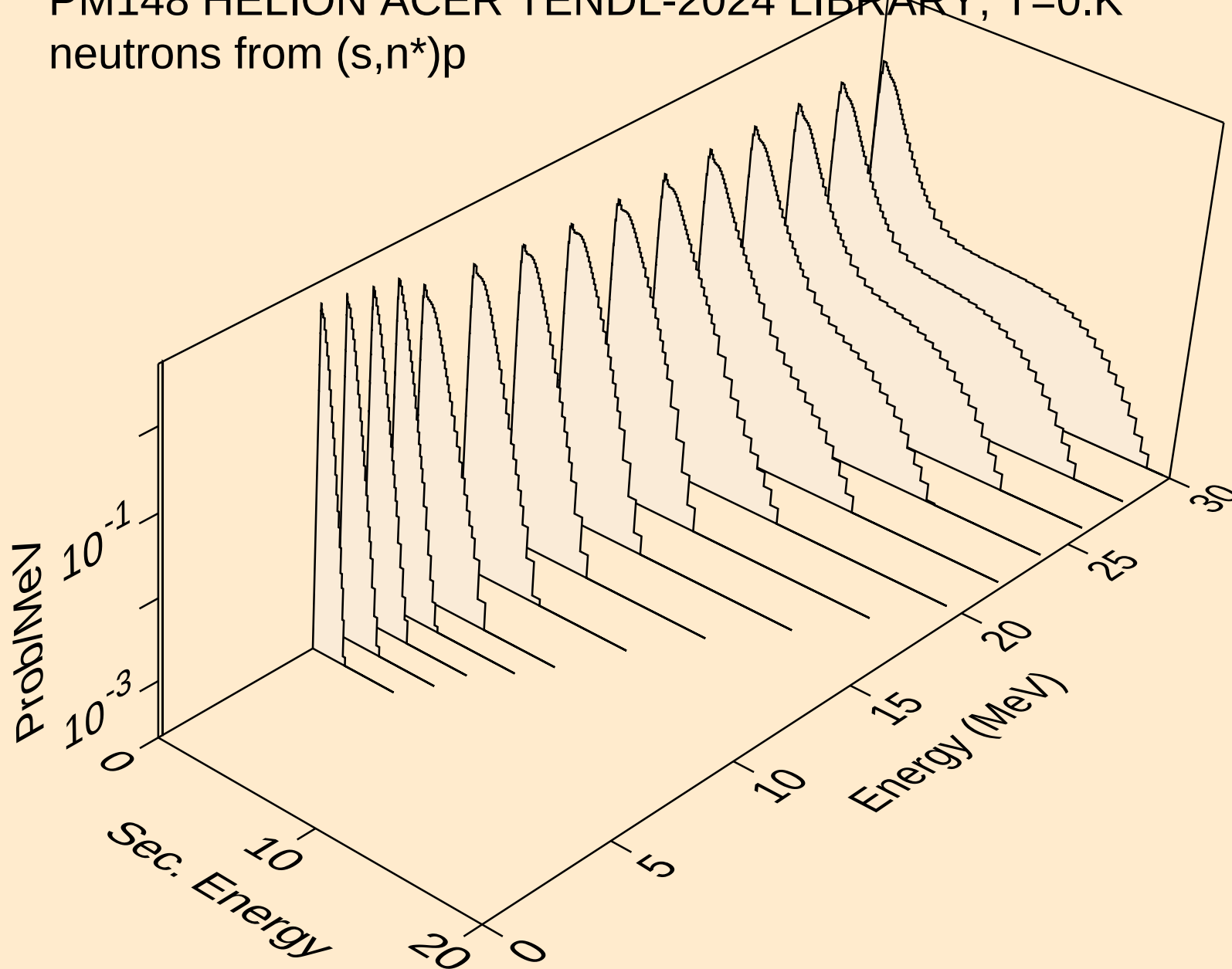
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



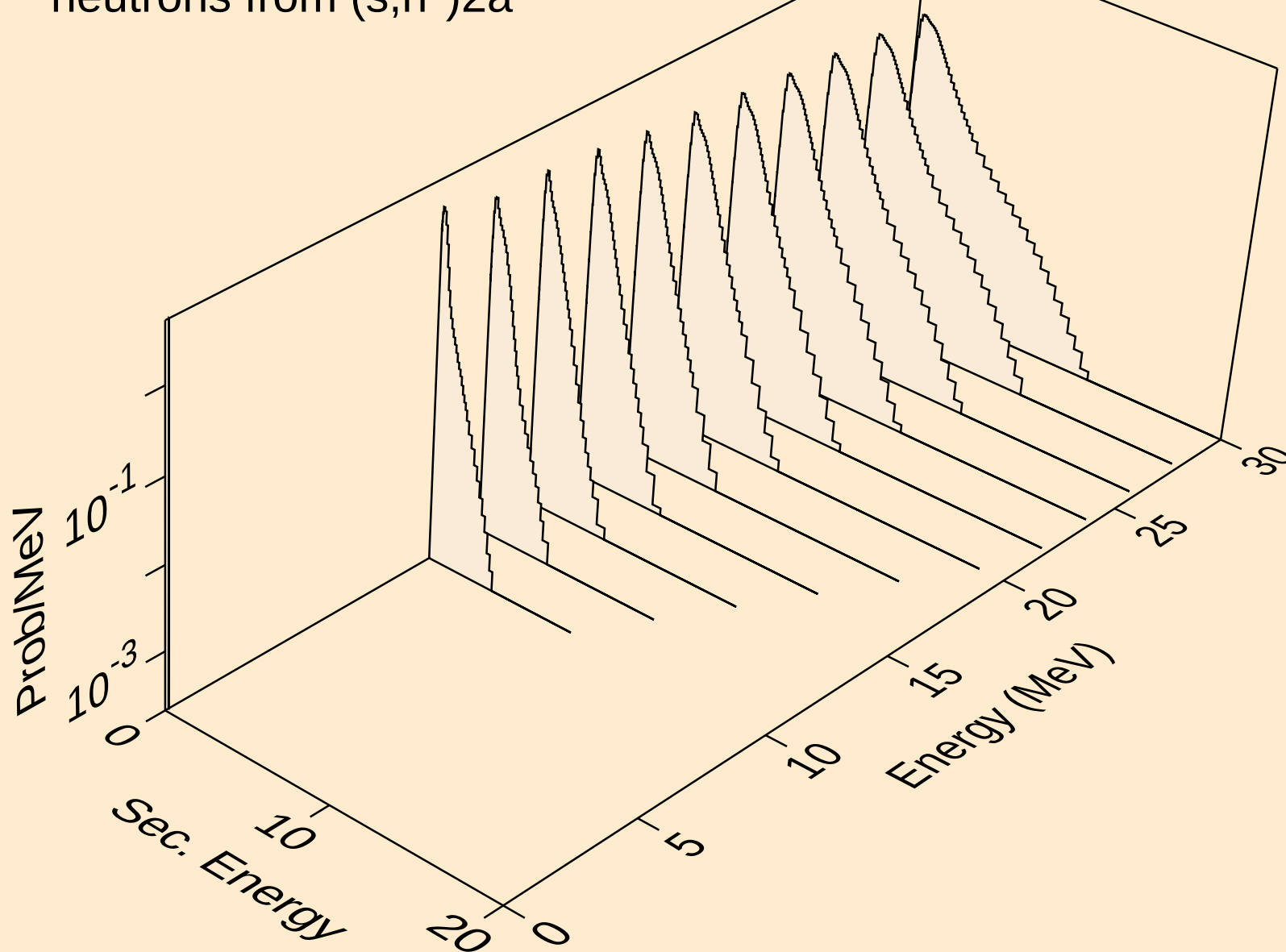
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



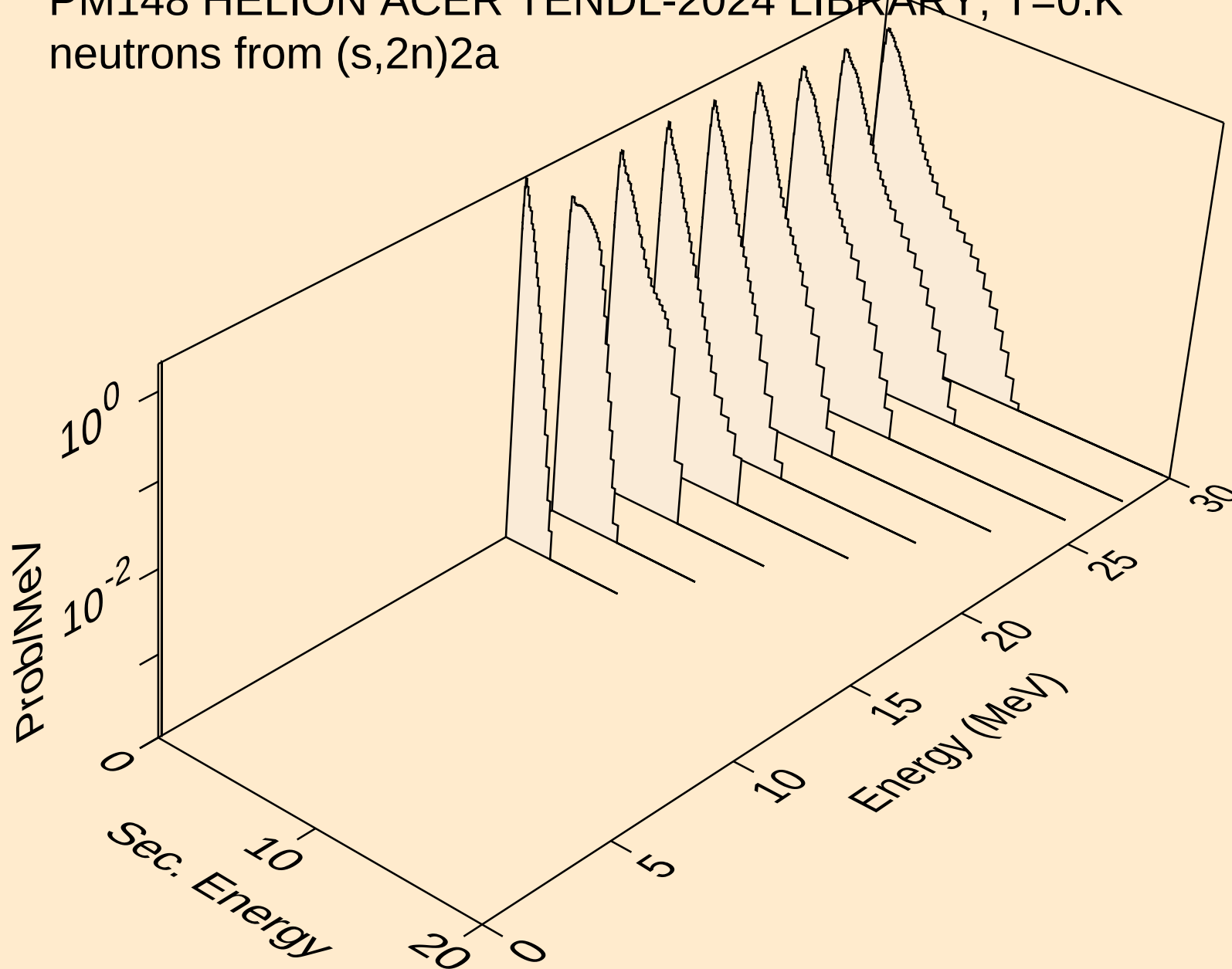
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



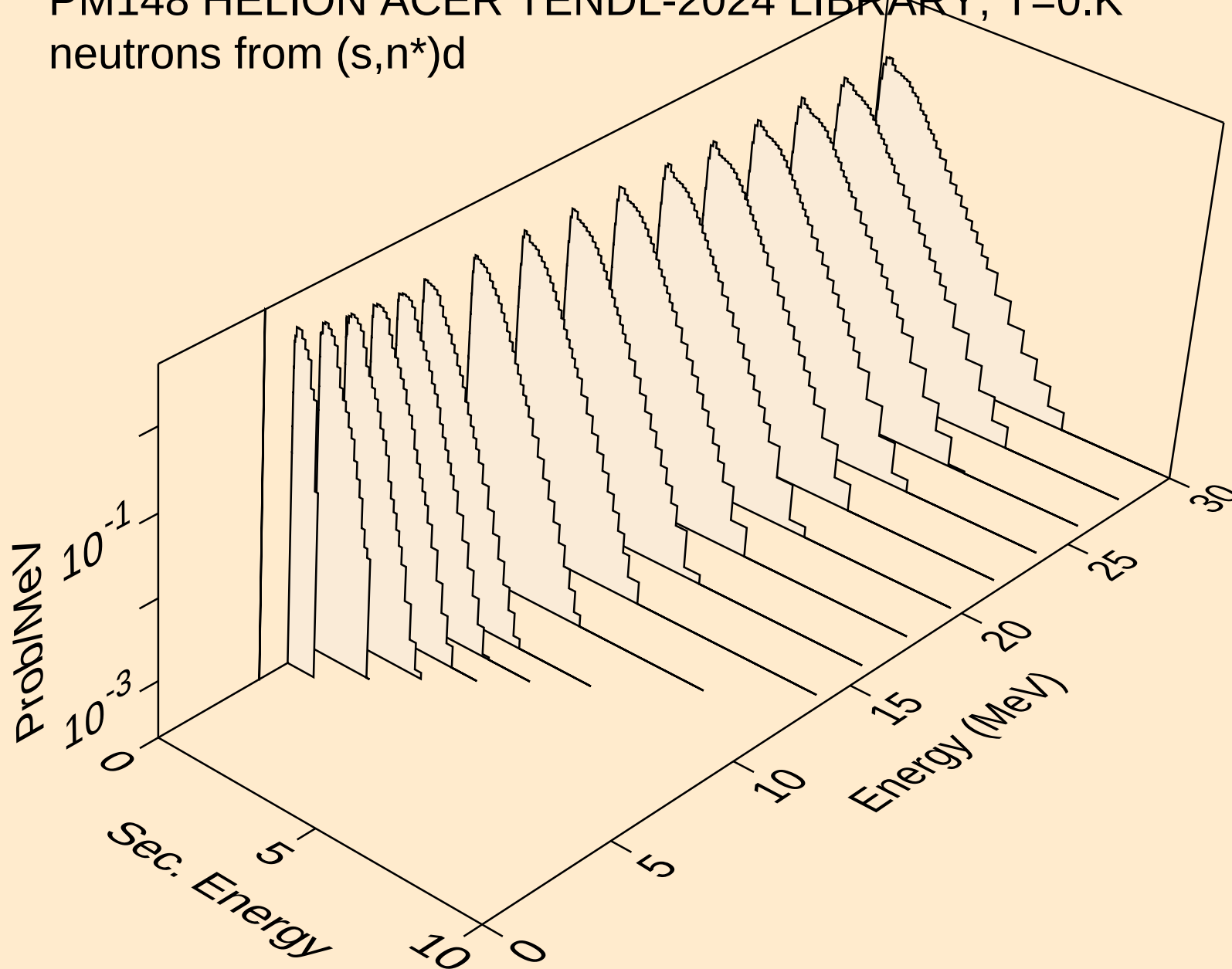
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neutrons from (s,n\*)2a



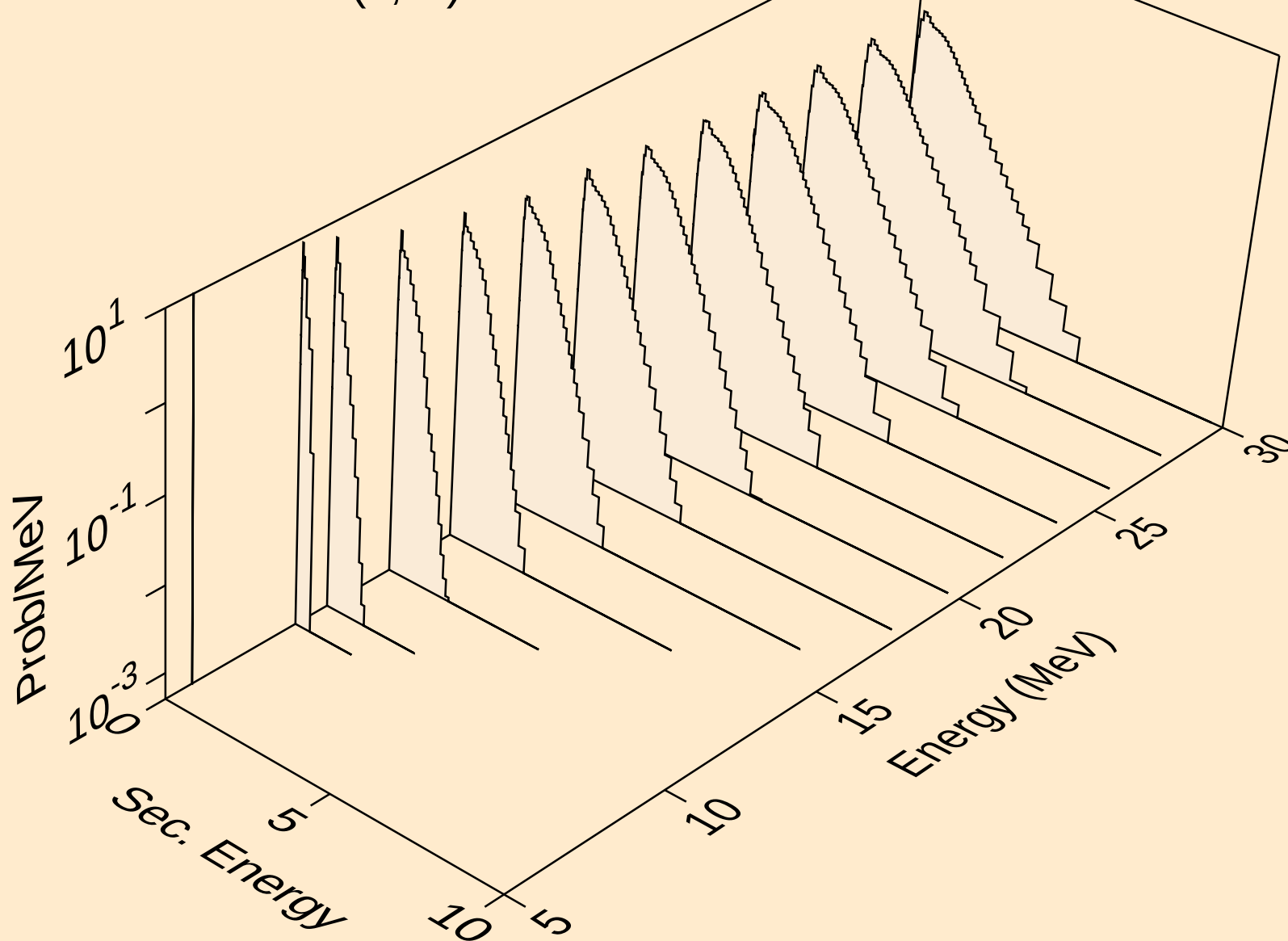
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)2a



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d

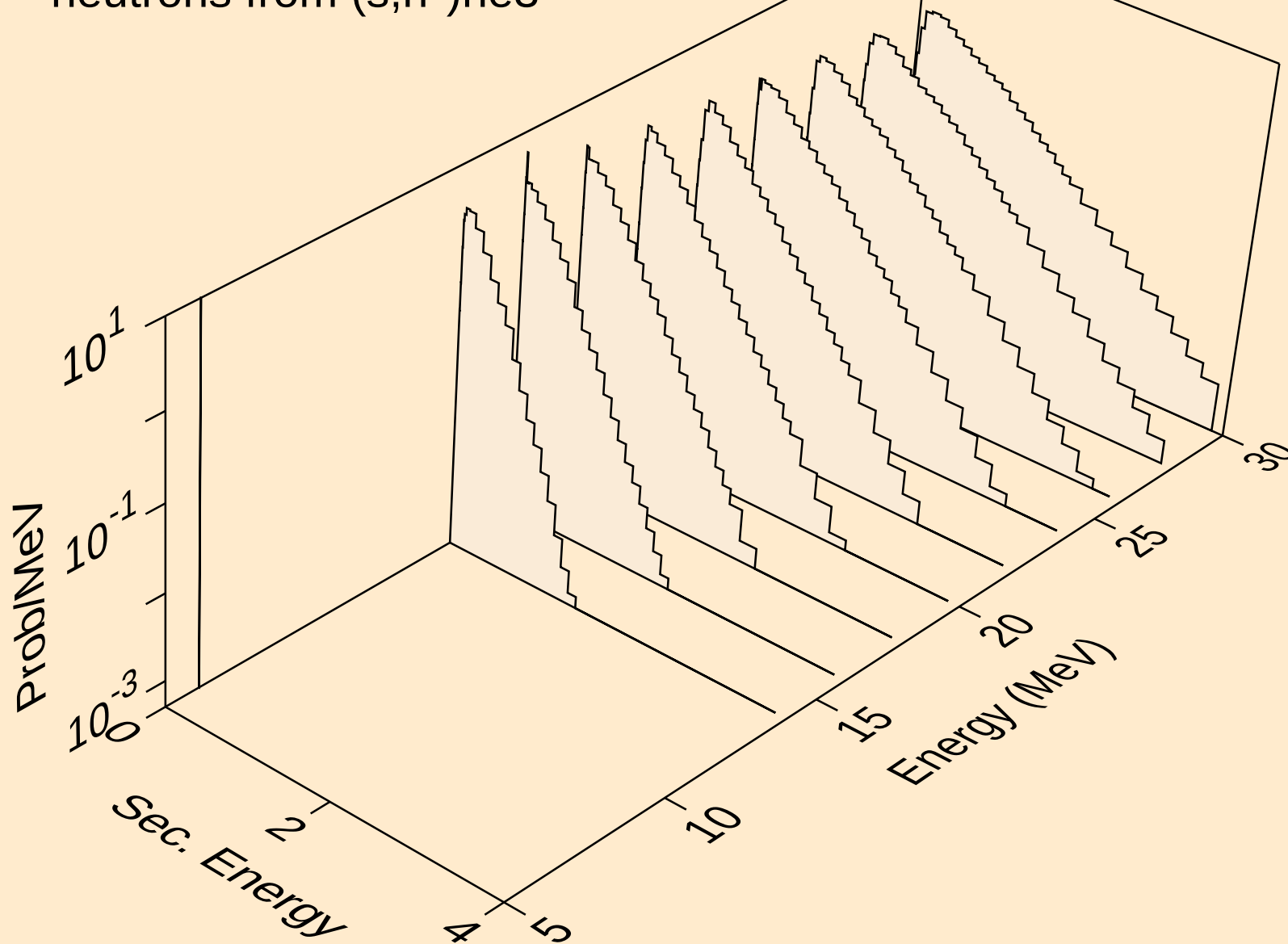


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t

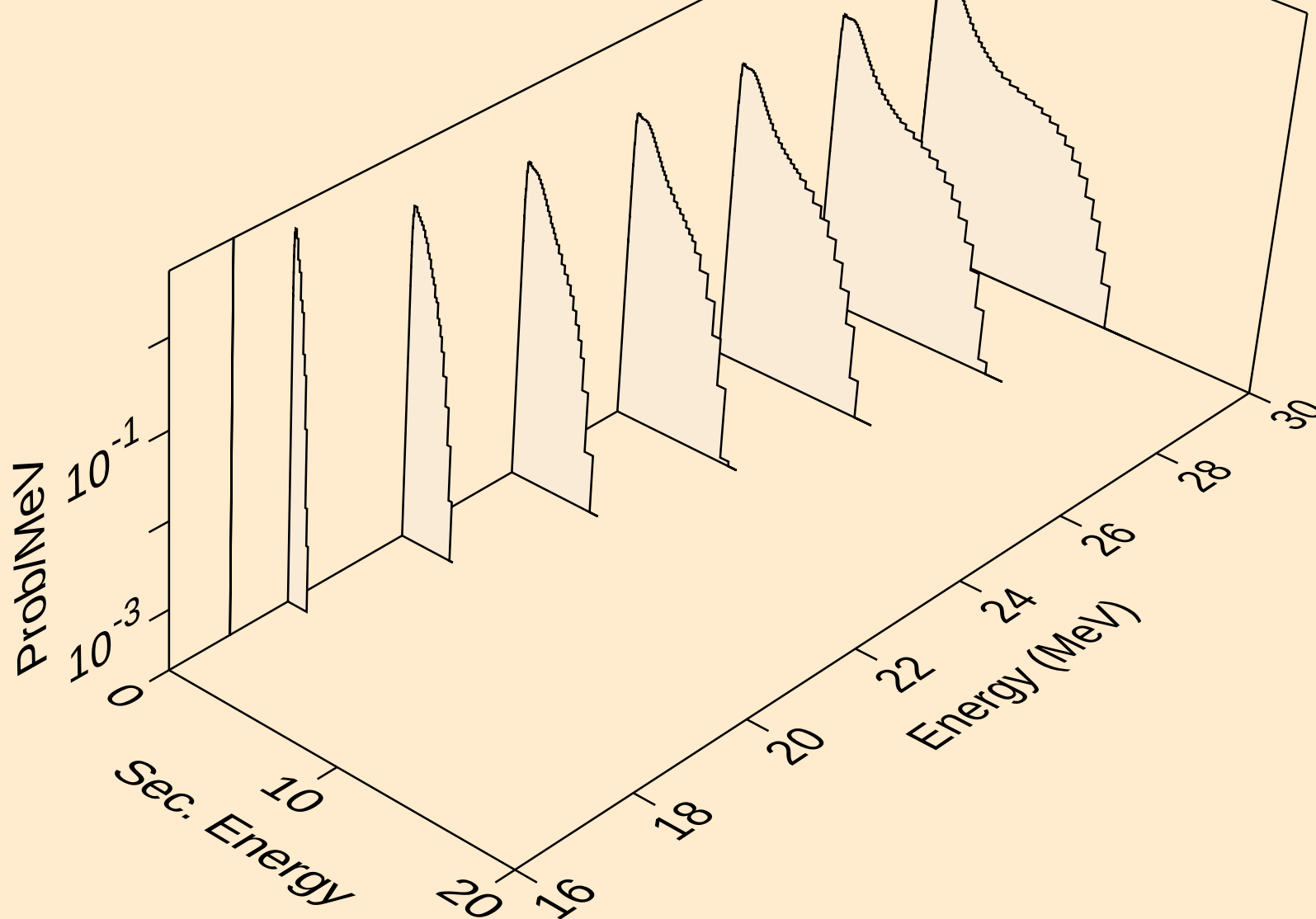




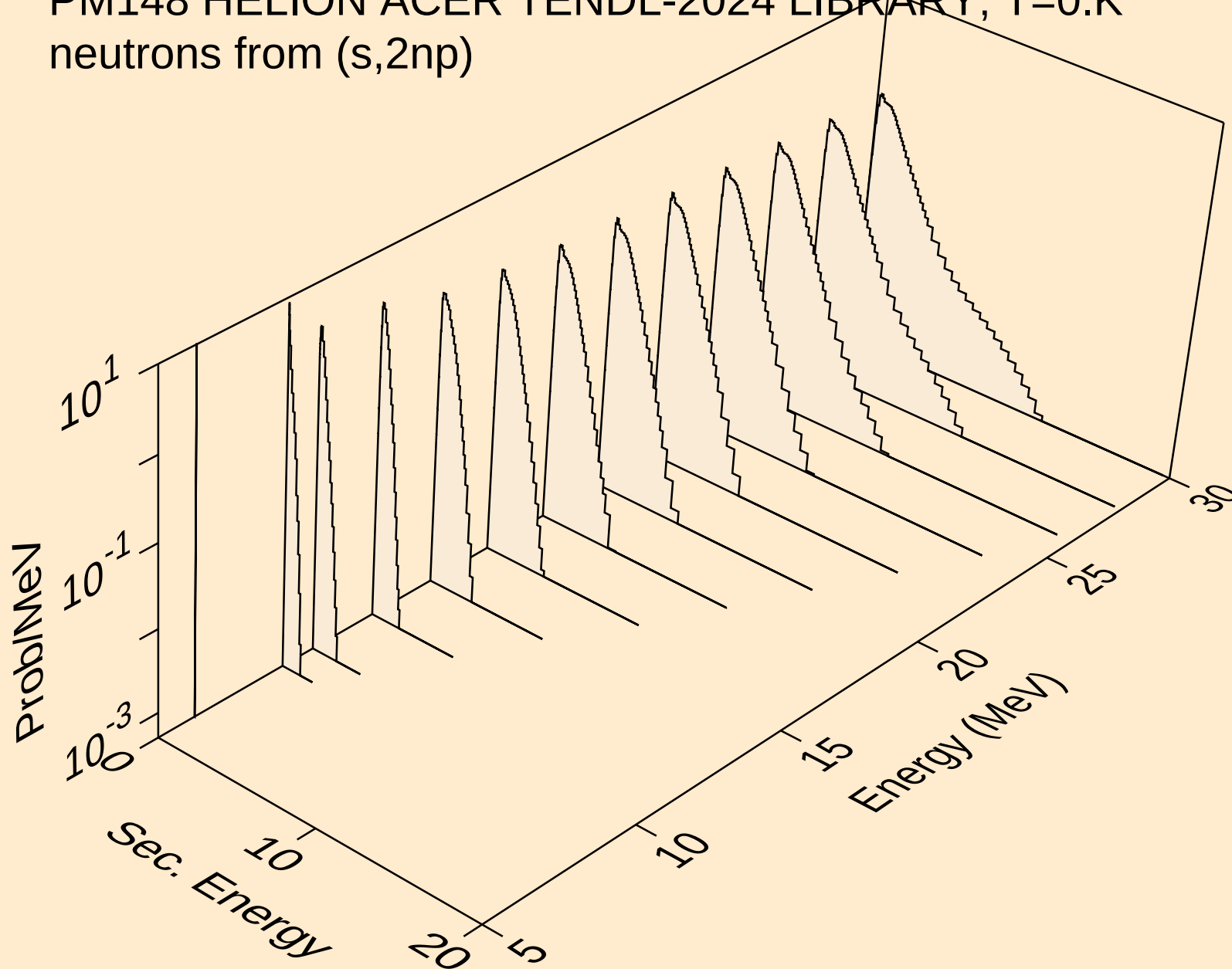
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



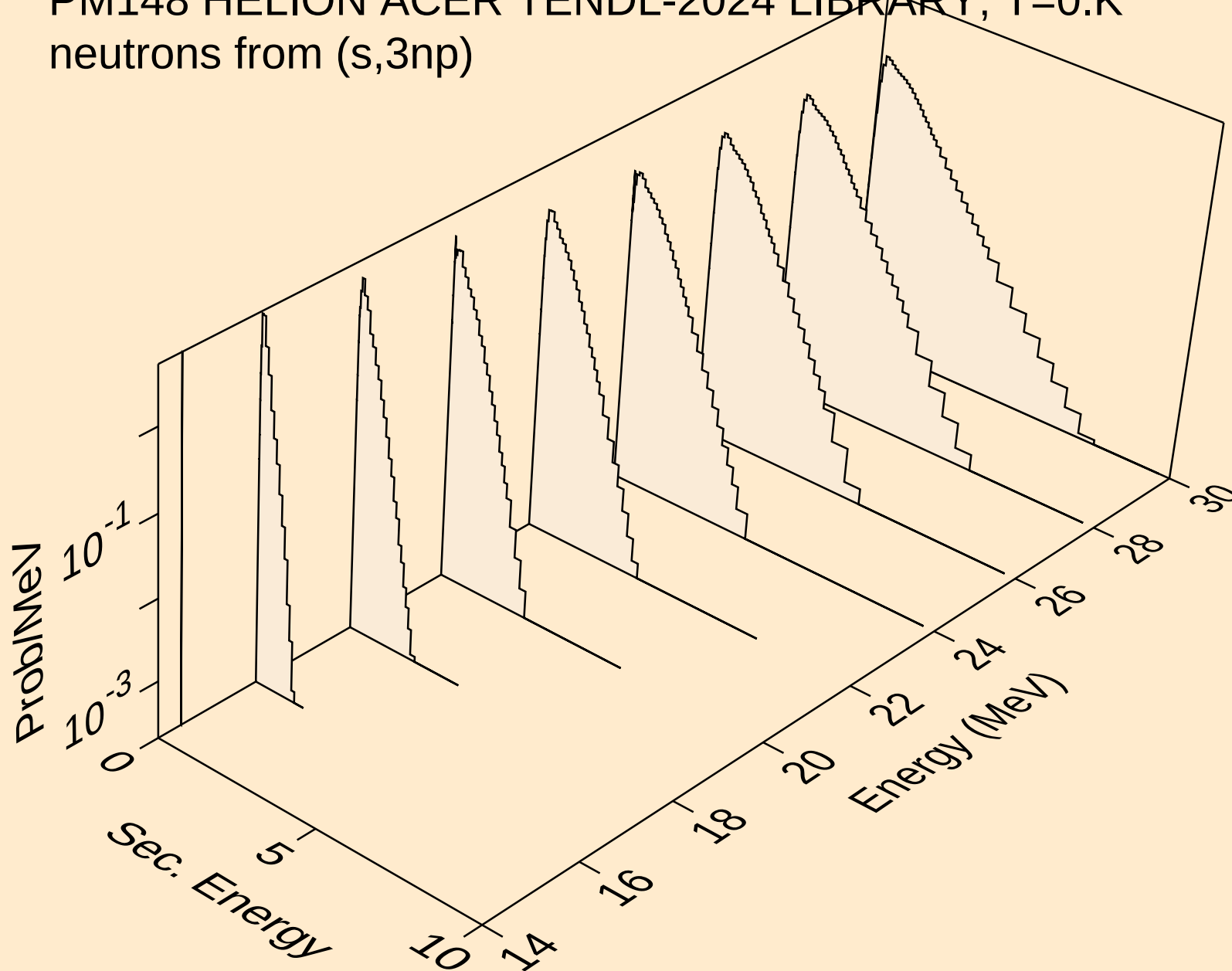
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



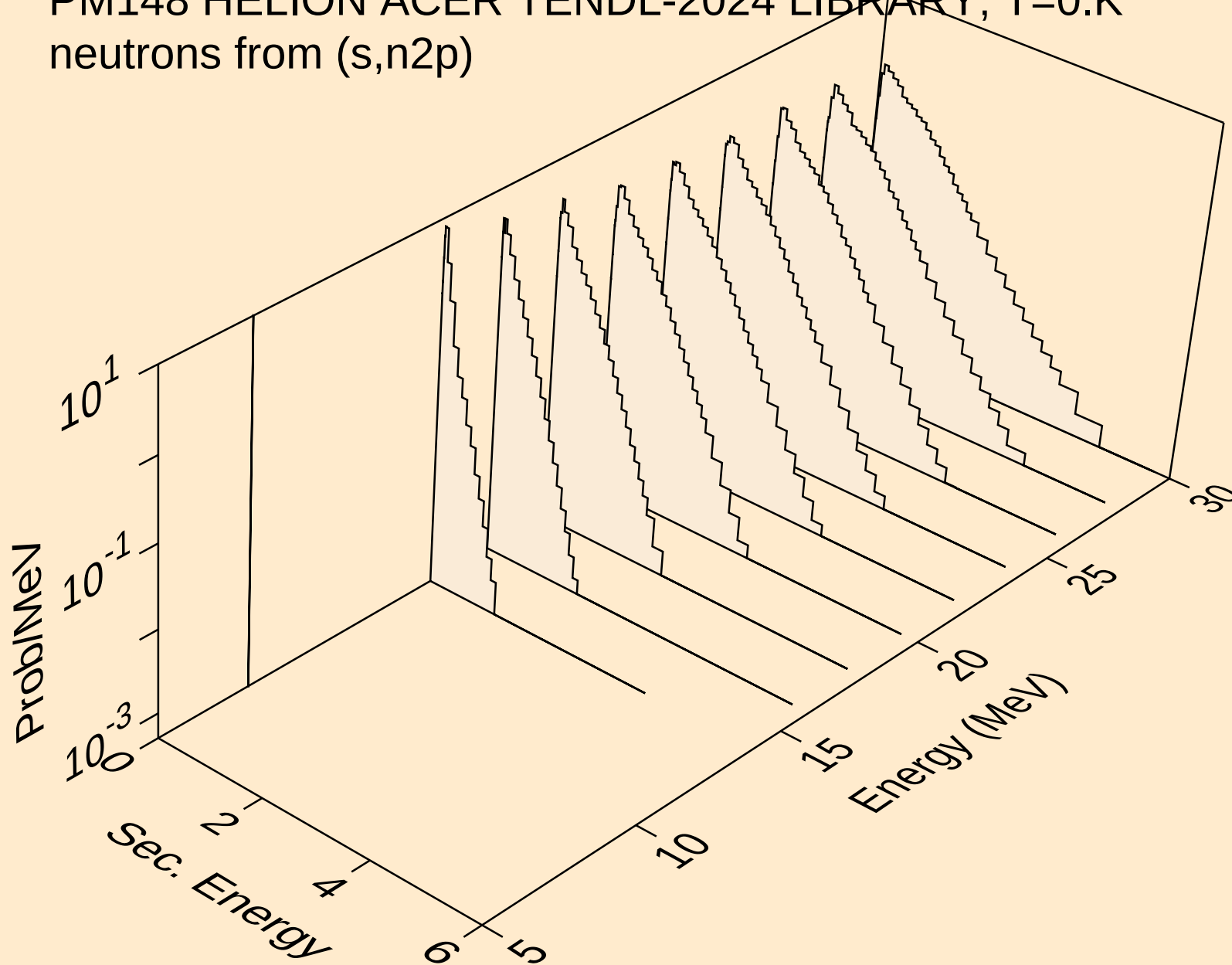
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



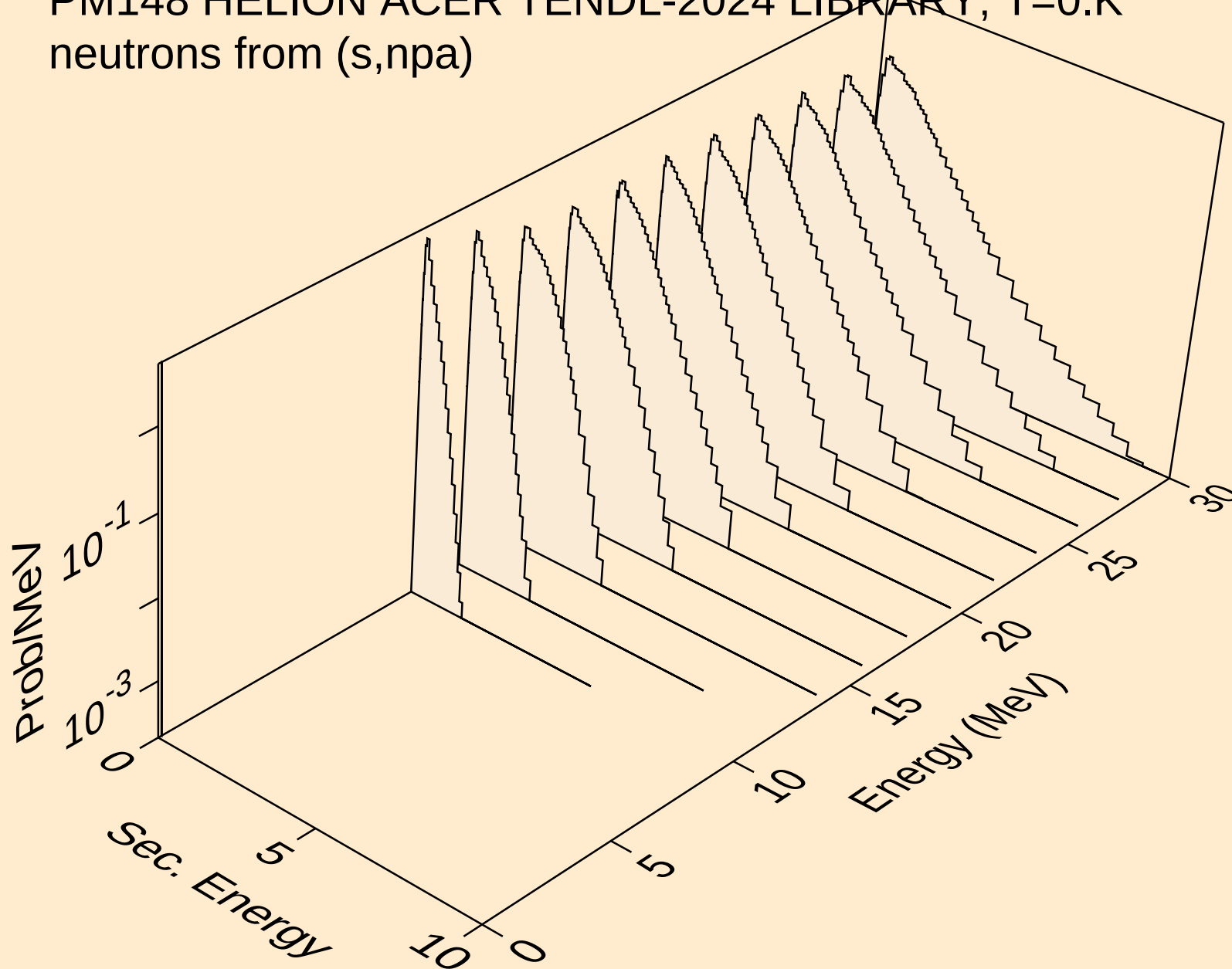
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3np)



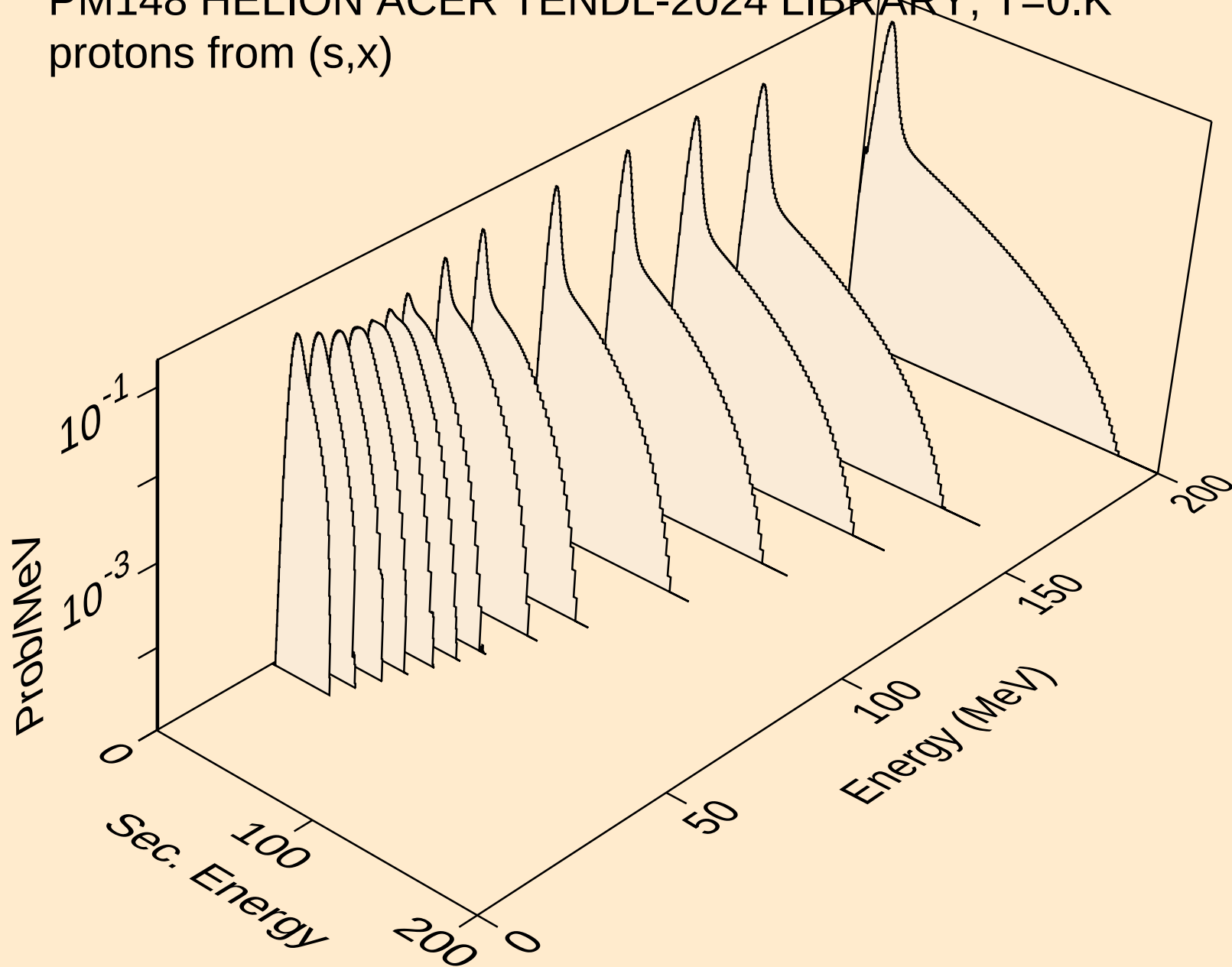
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



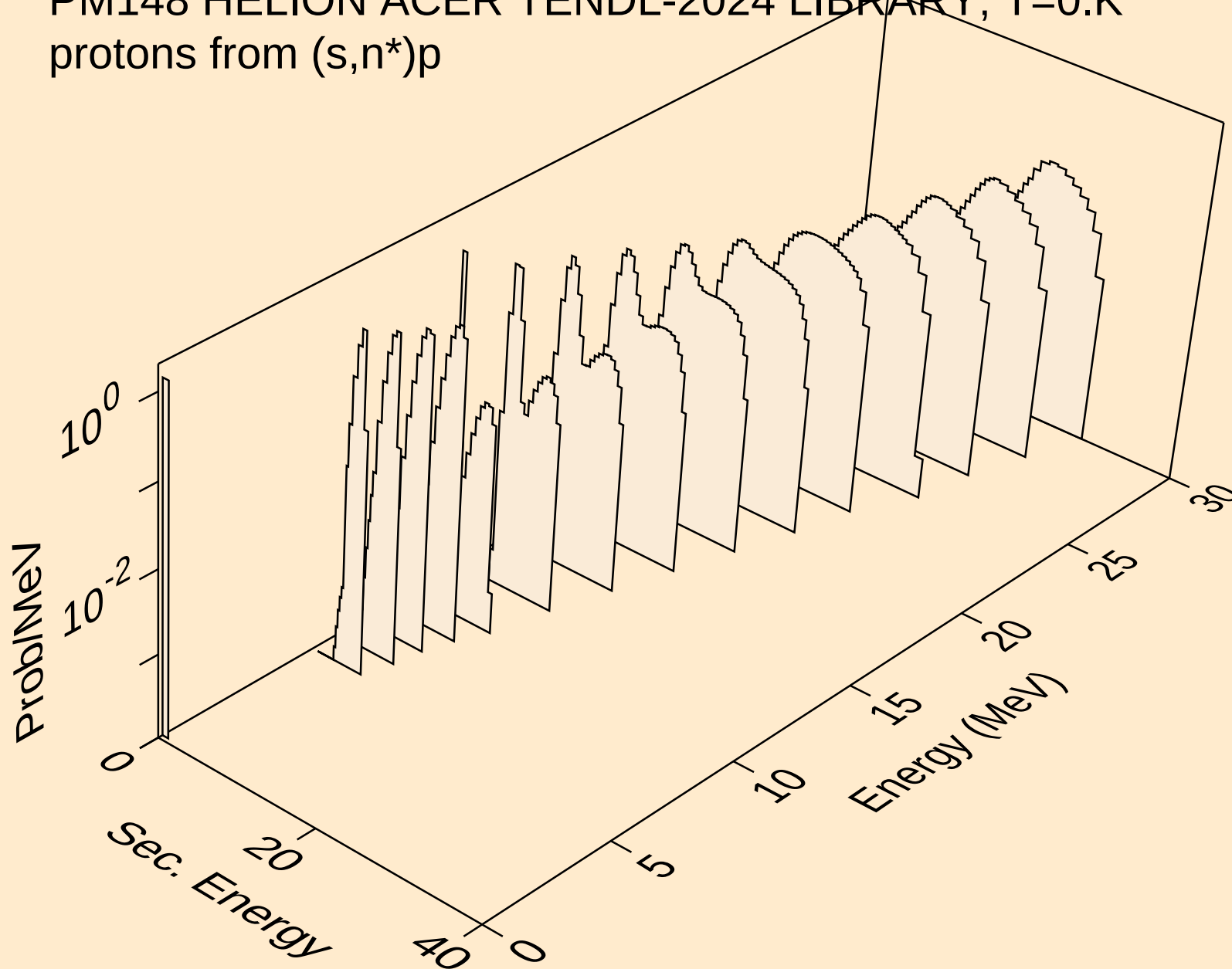
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)

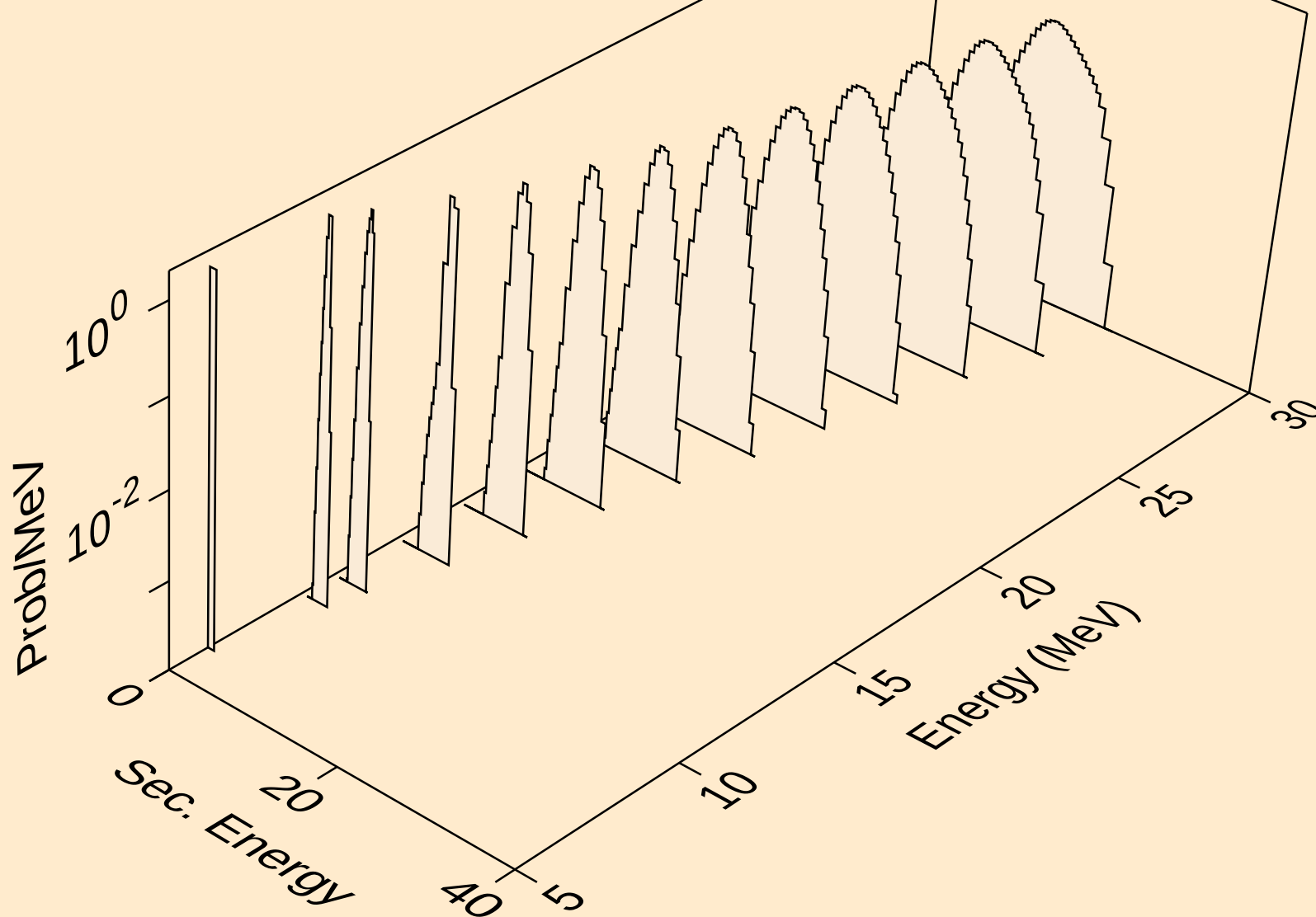


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p

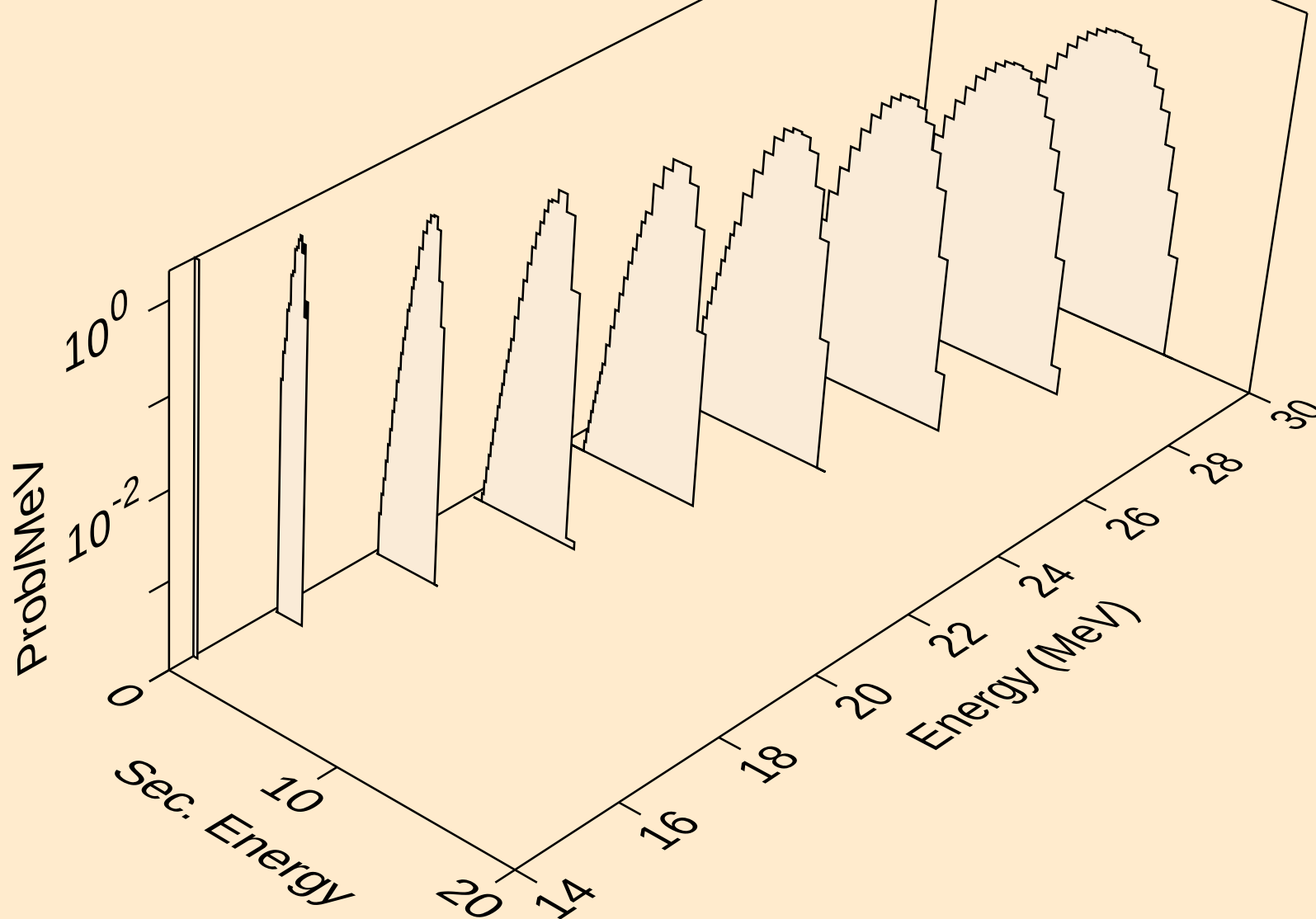




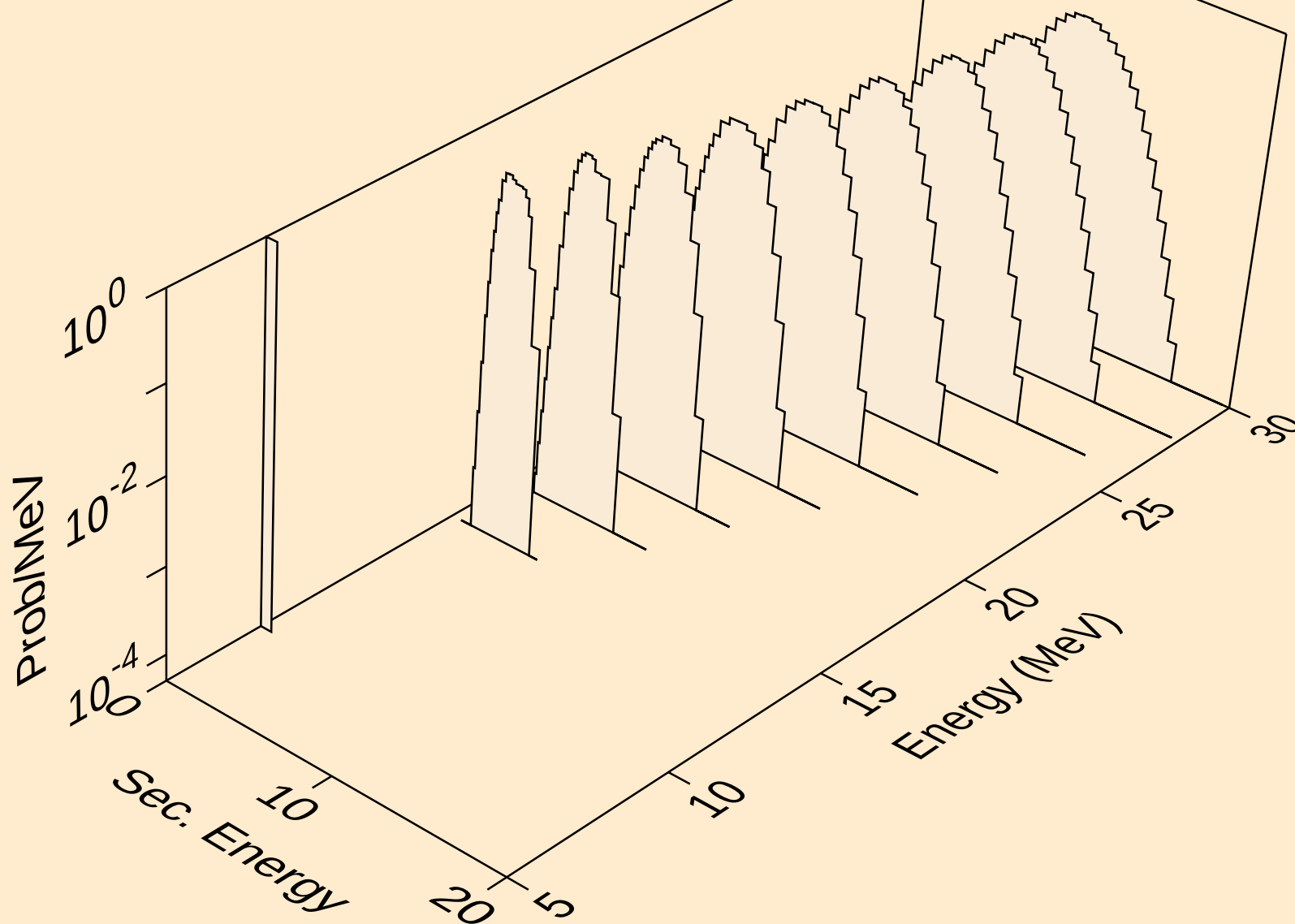
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



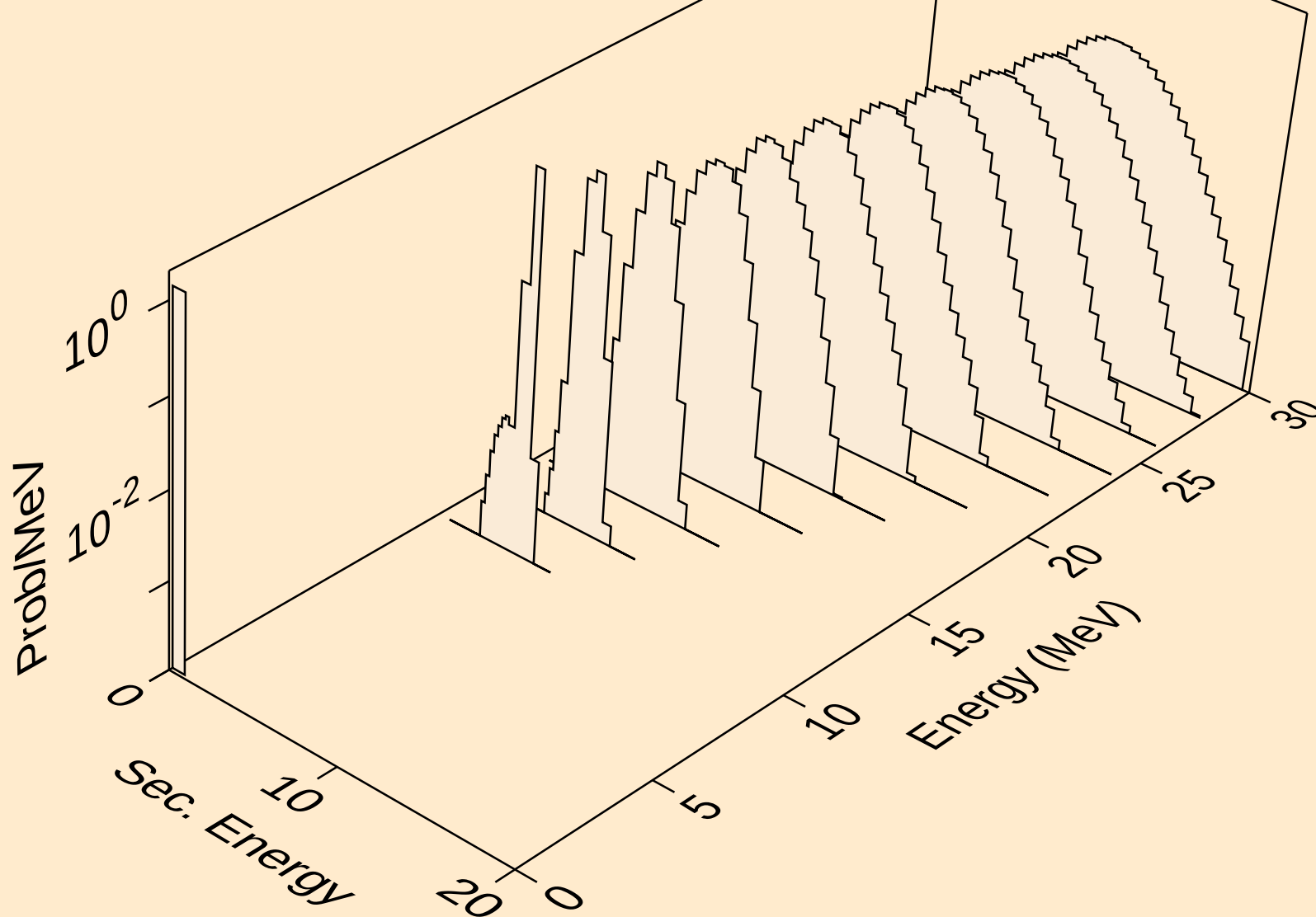
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protons from (s,3np)



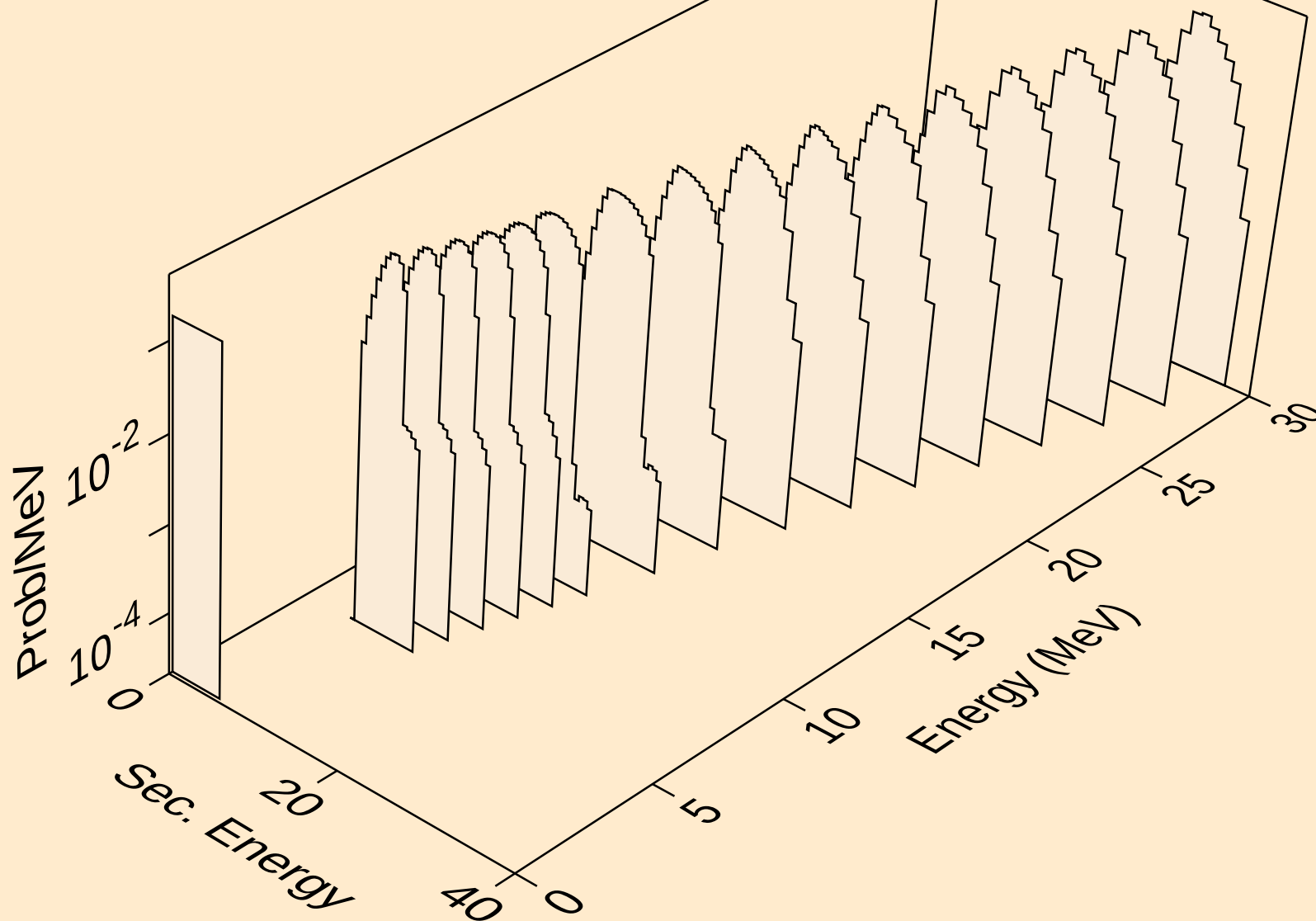
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protons from (s,n2p)



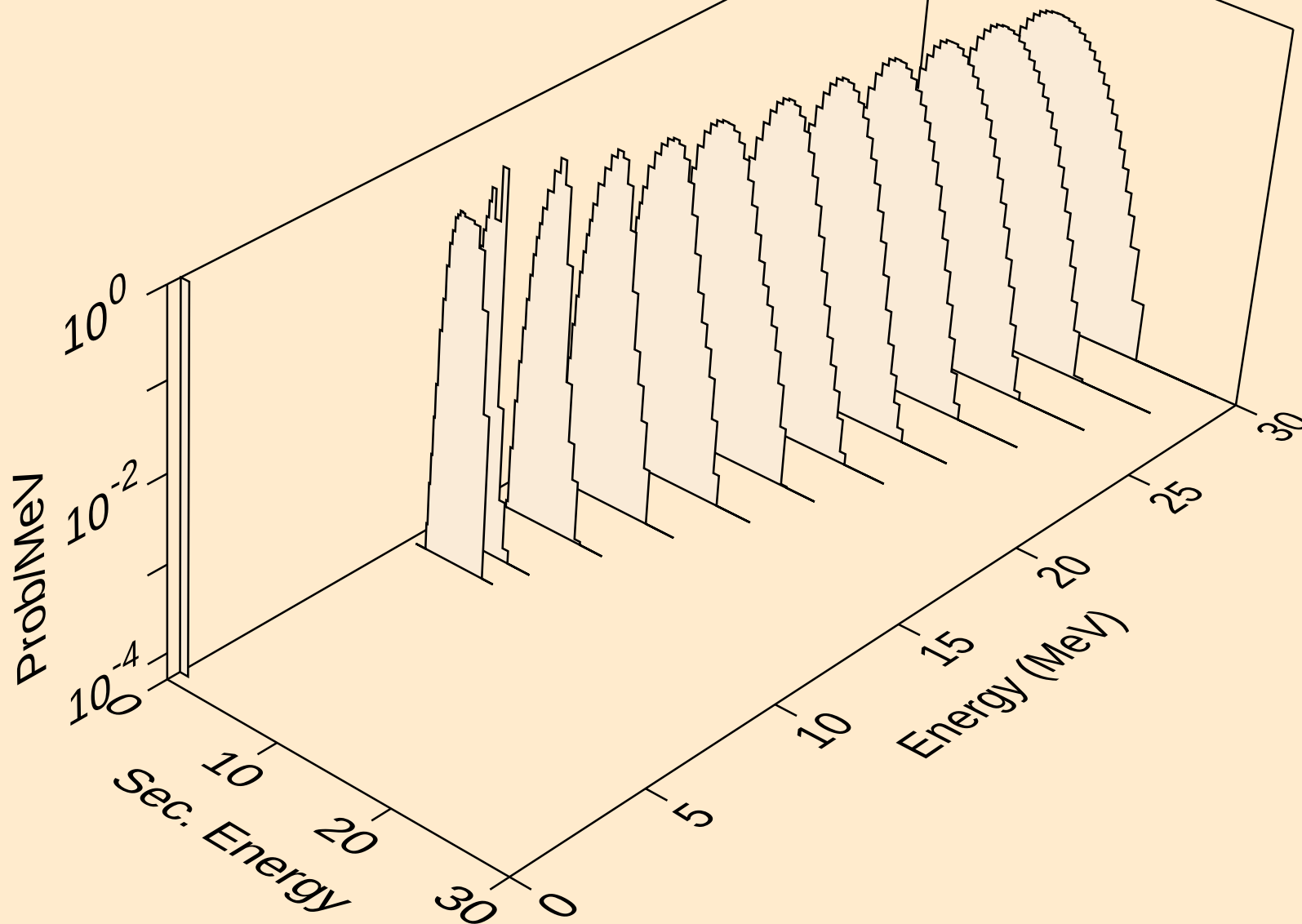
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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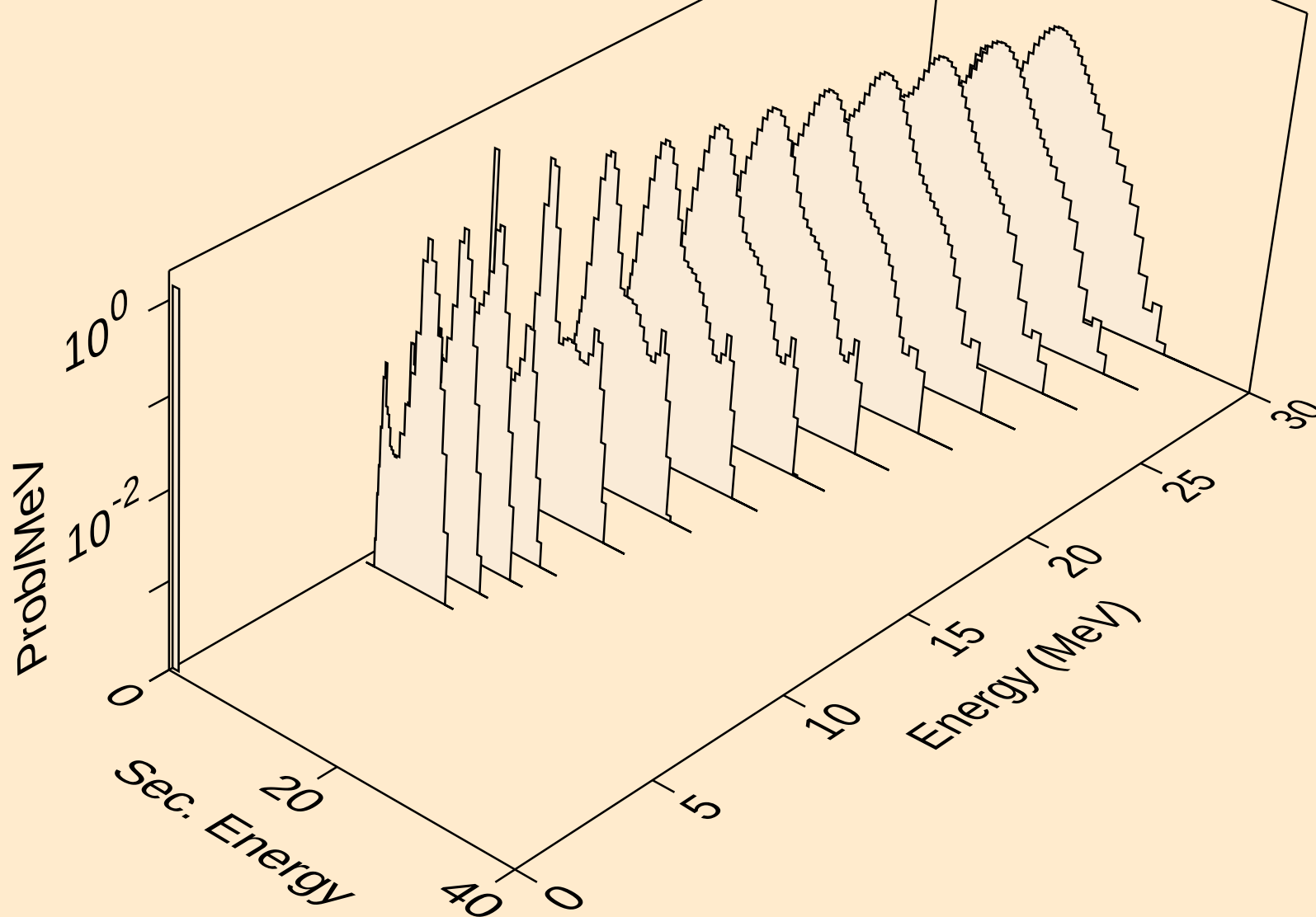
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protons from (s,p)



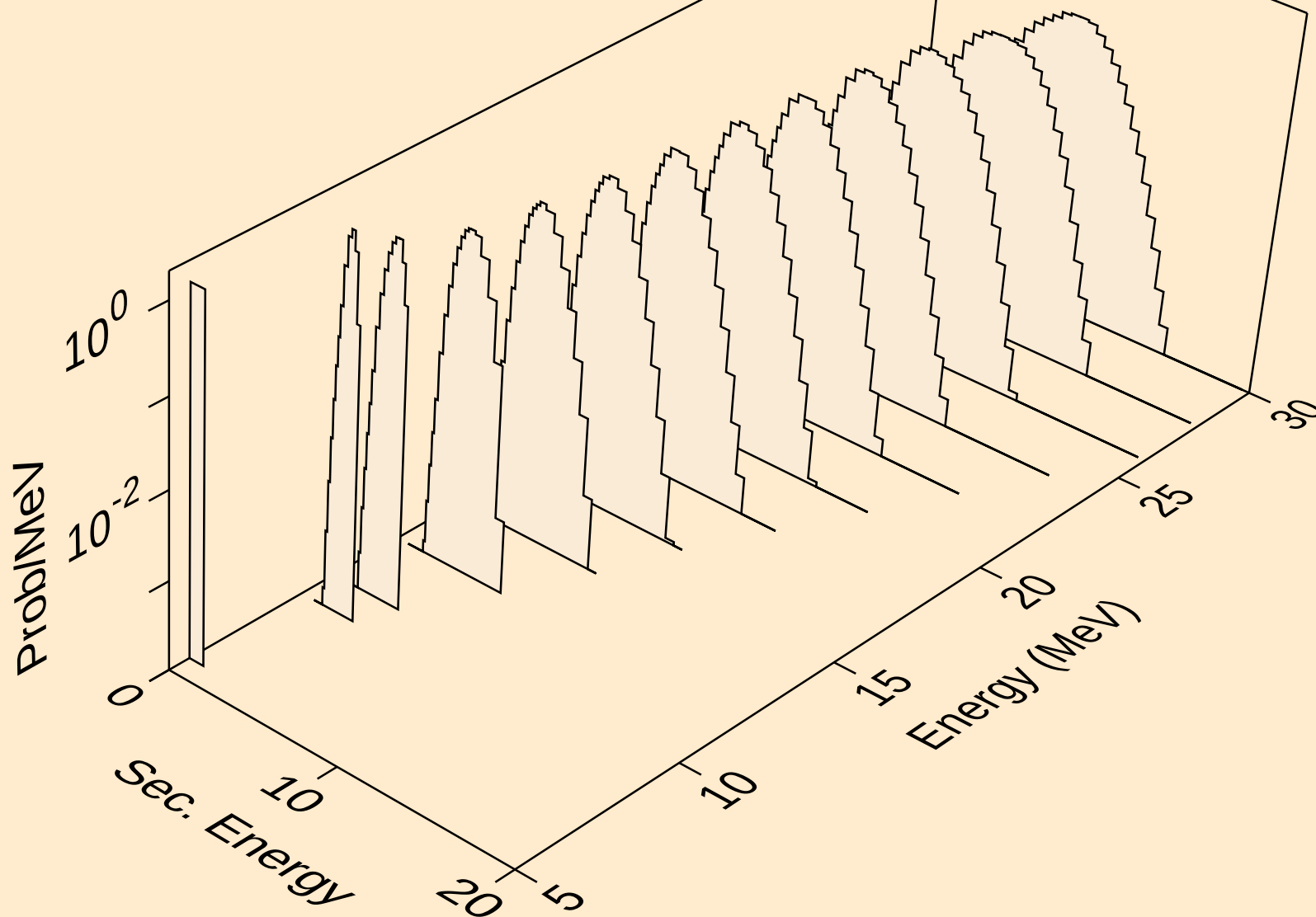
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)

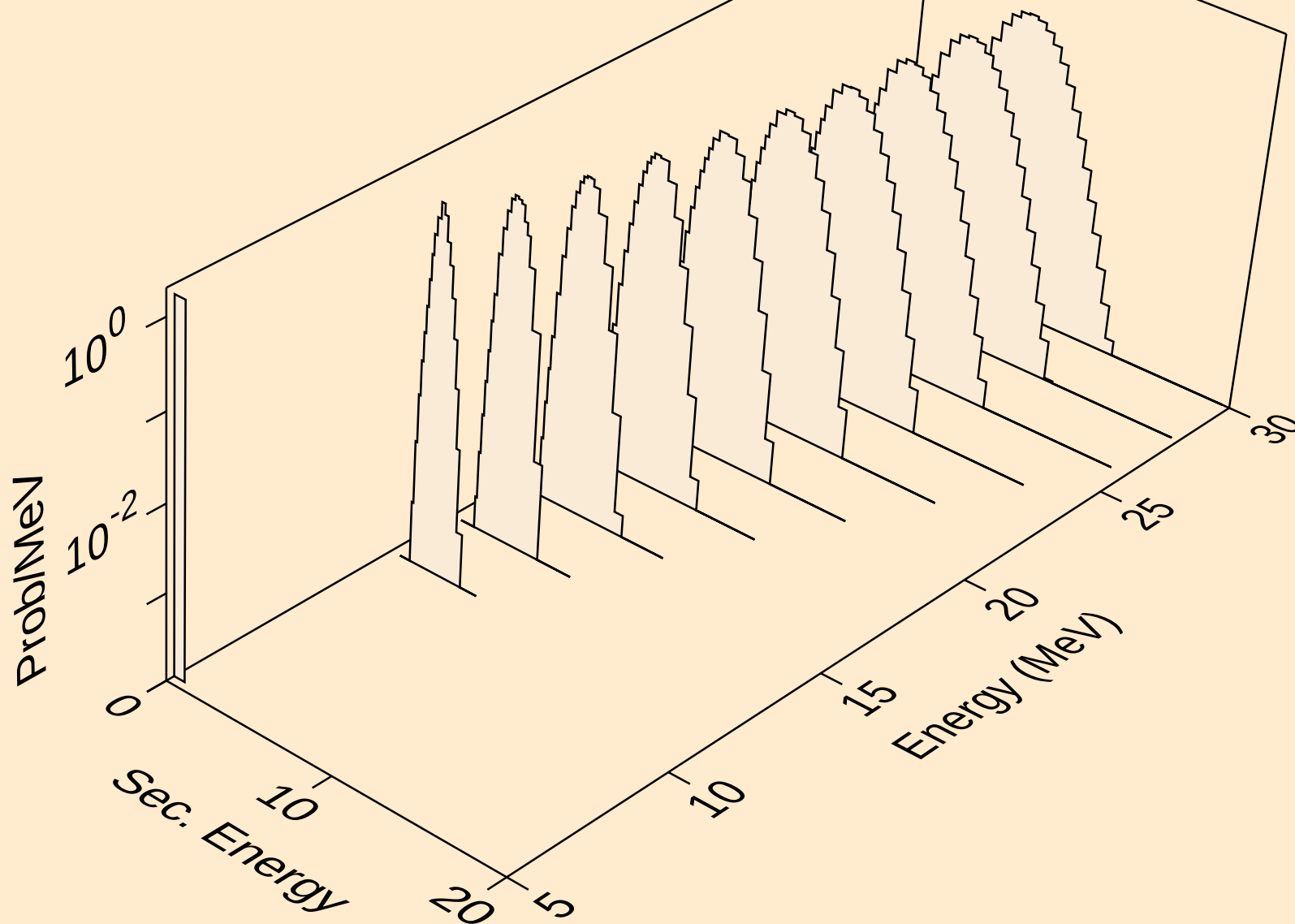


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)

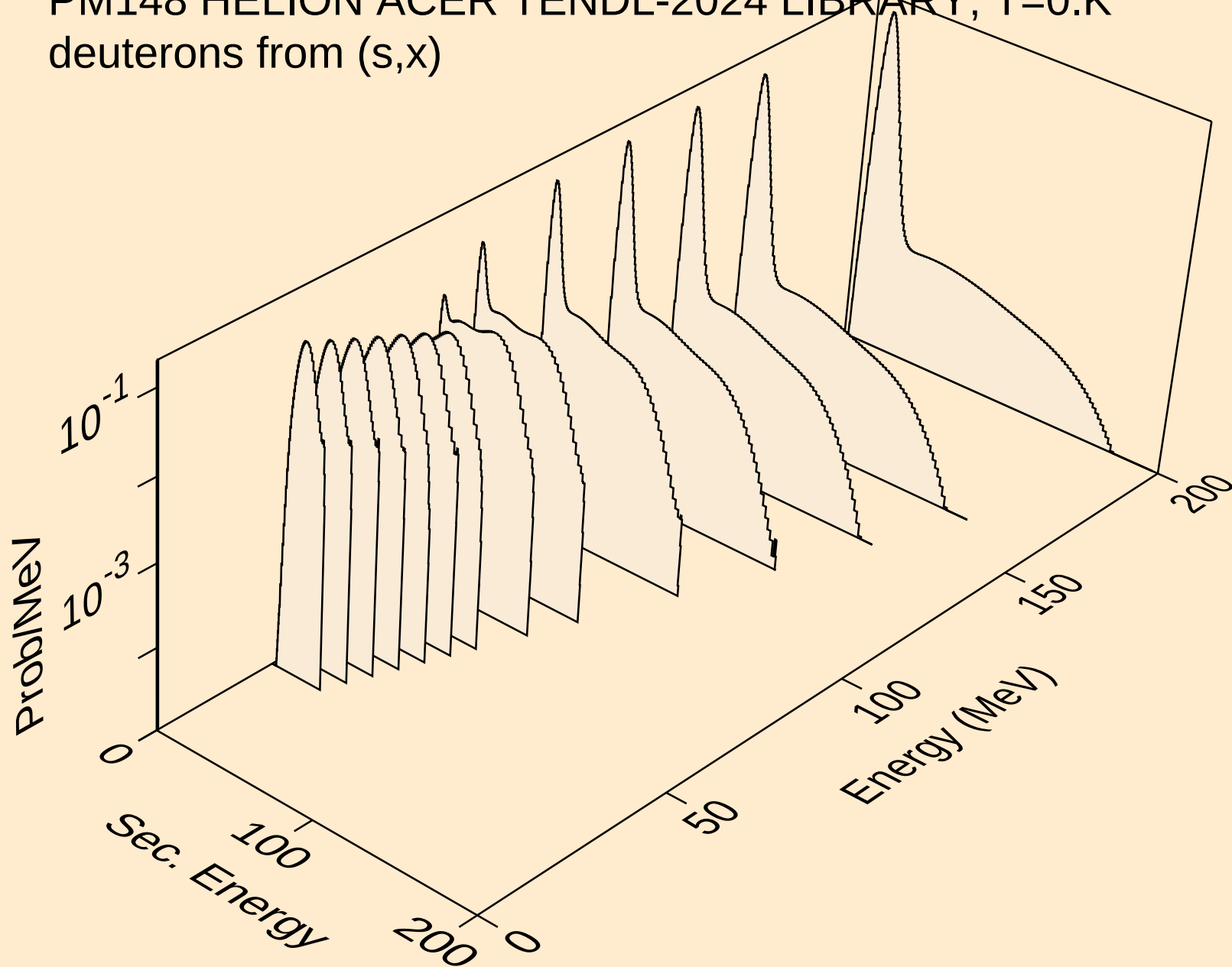




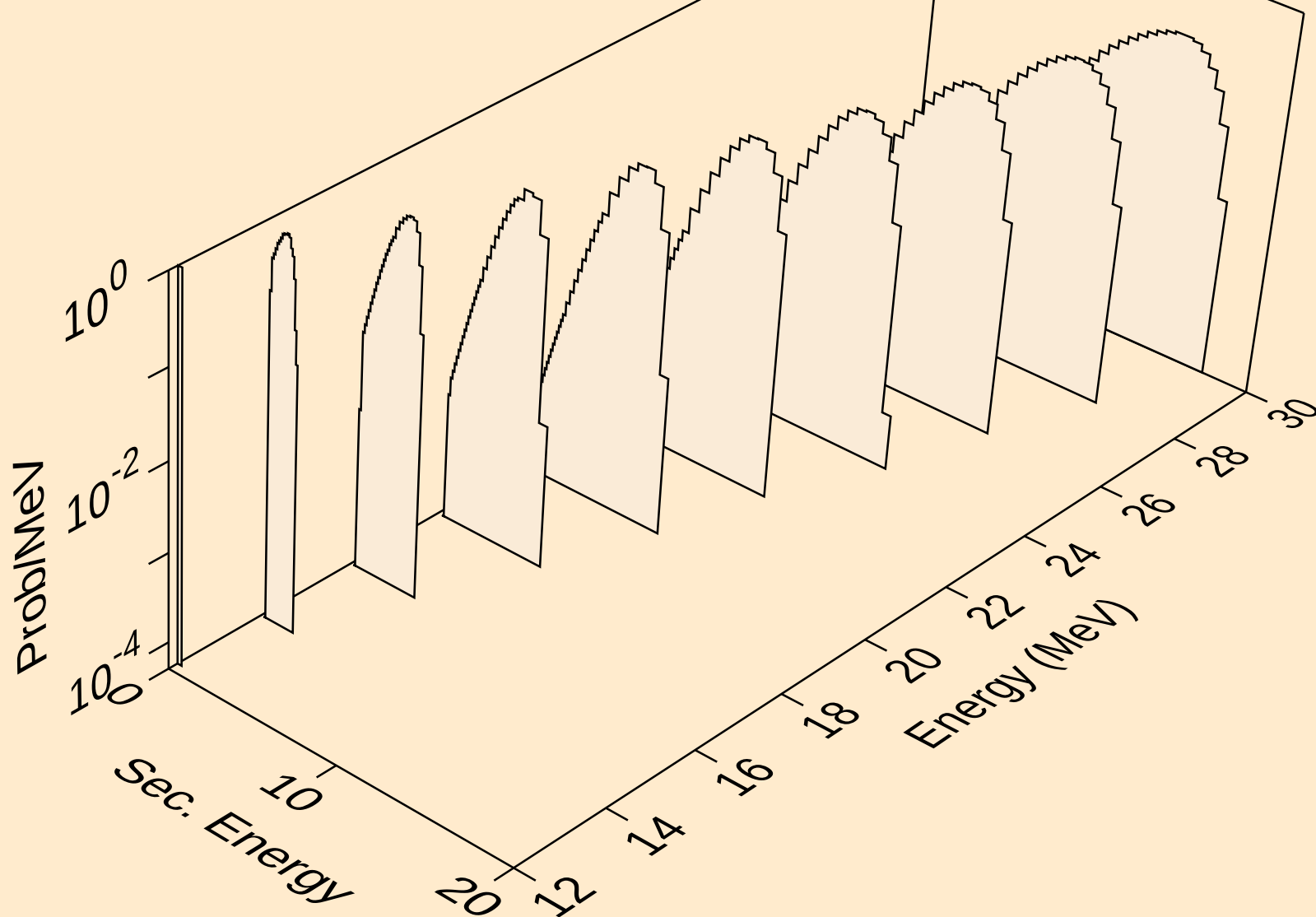
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)



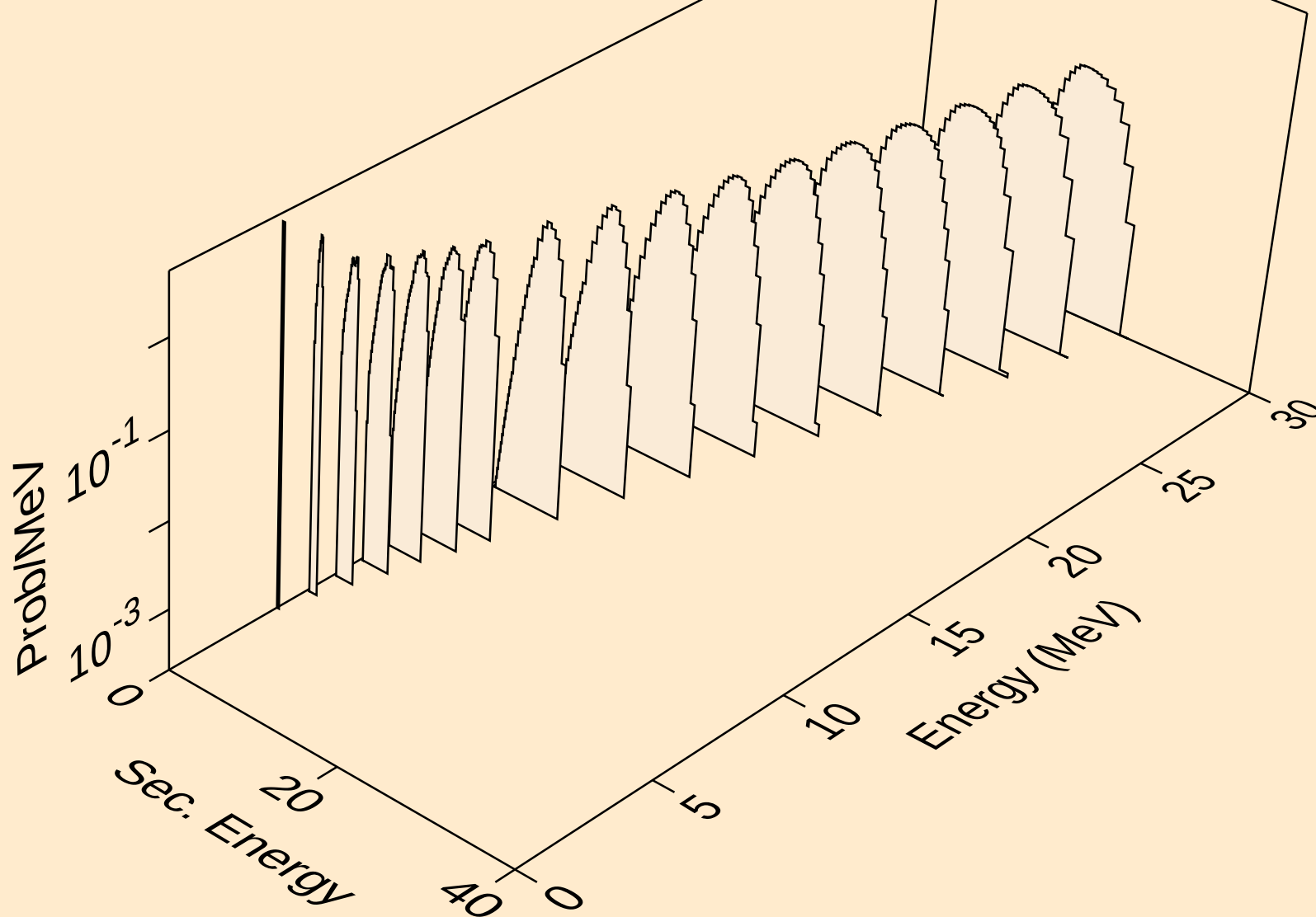
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



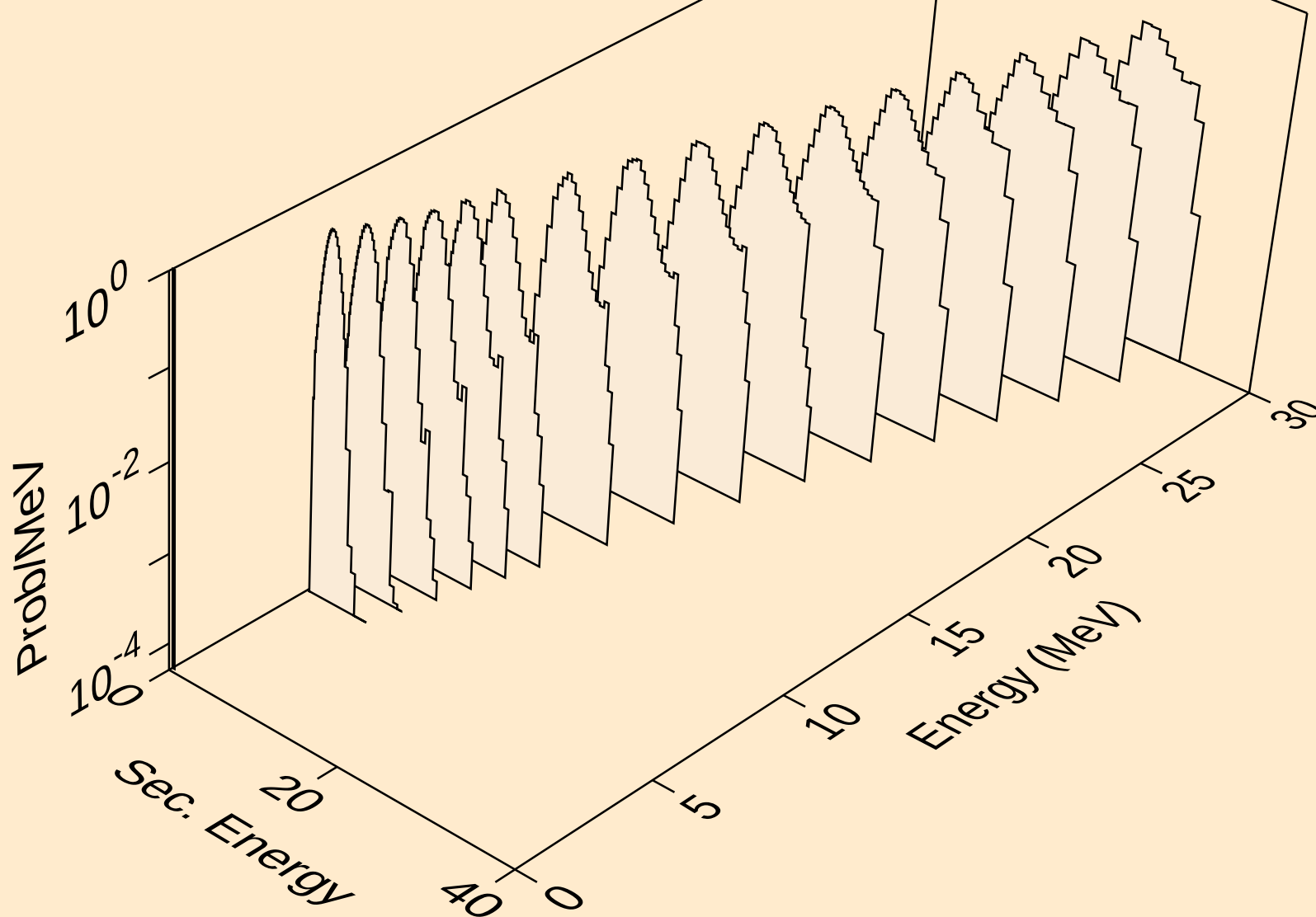
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deuterons from (s,2nd)



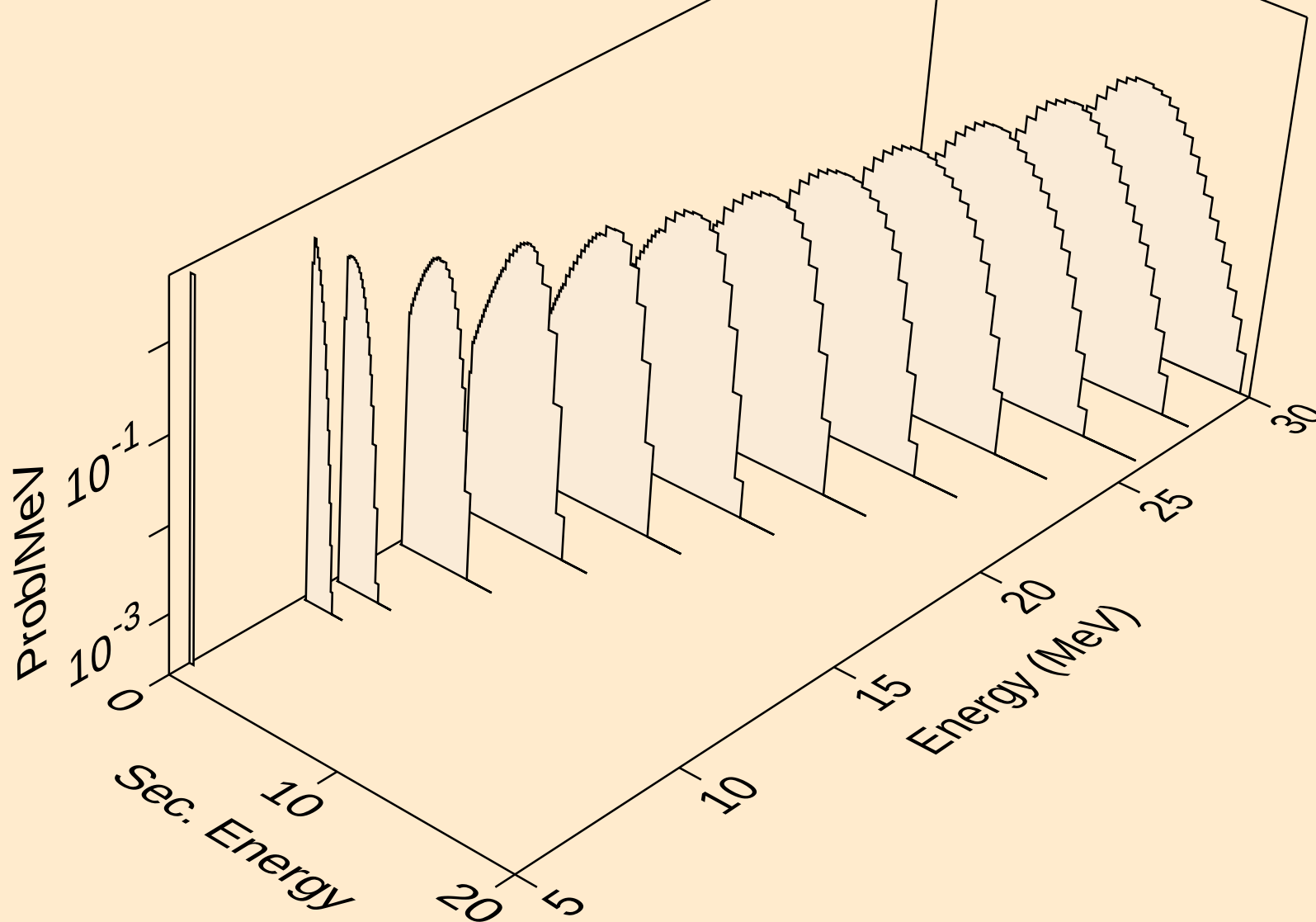
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



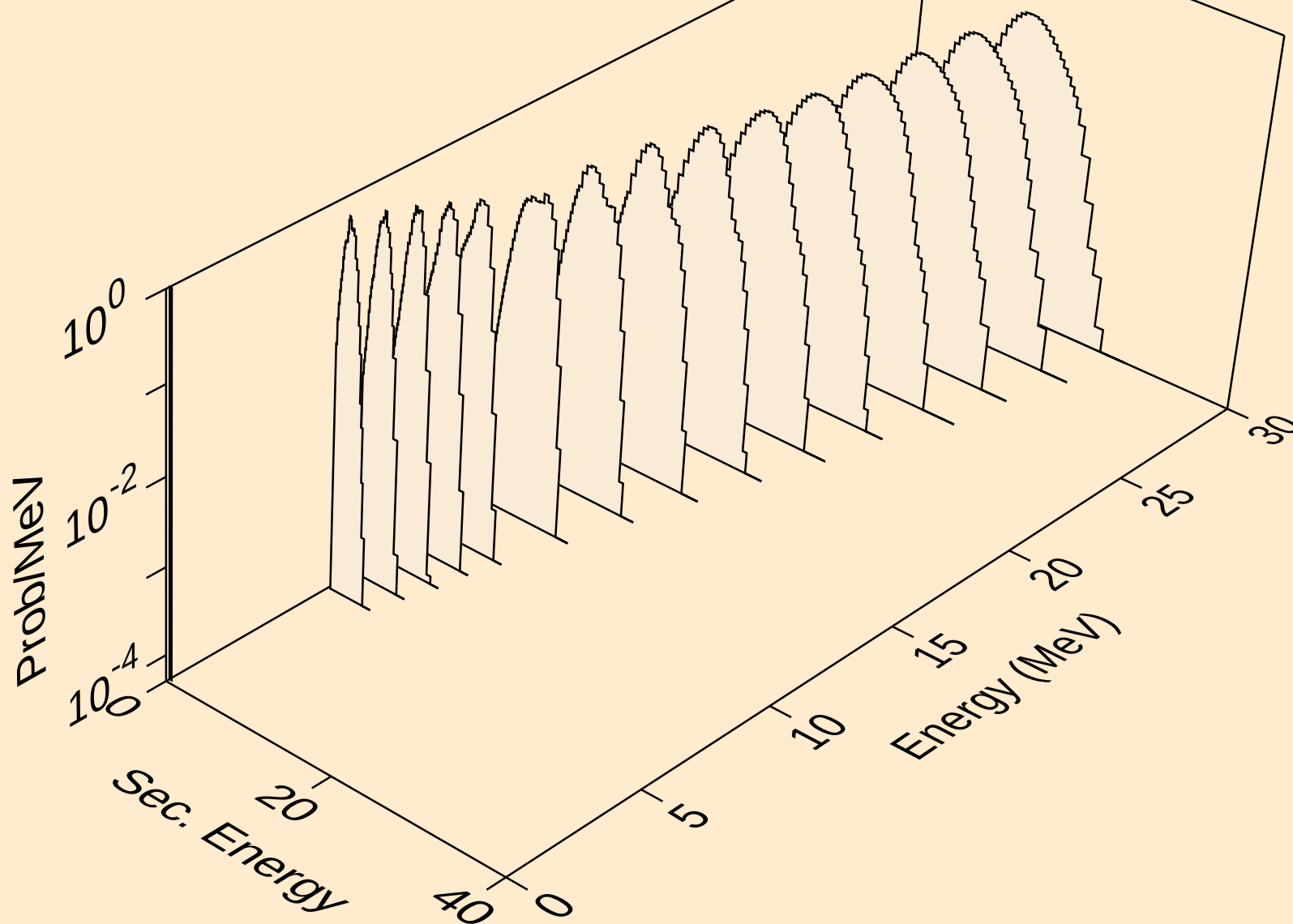
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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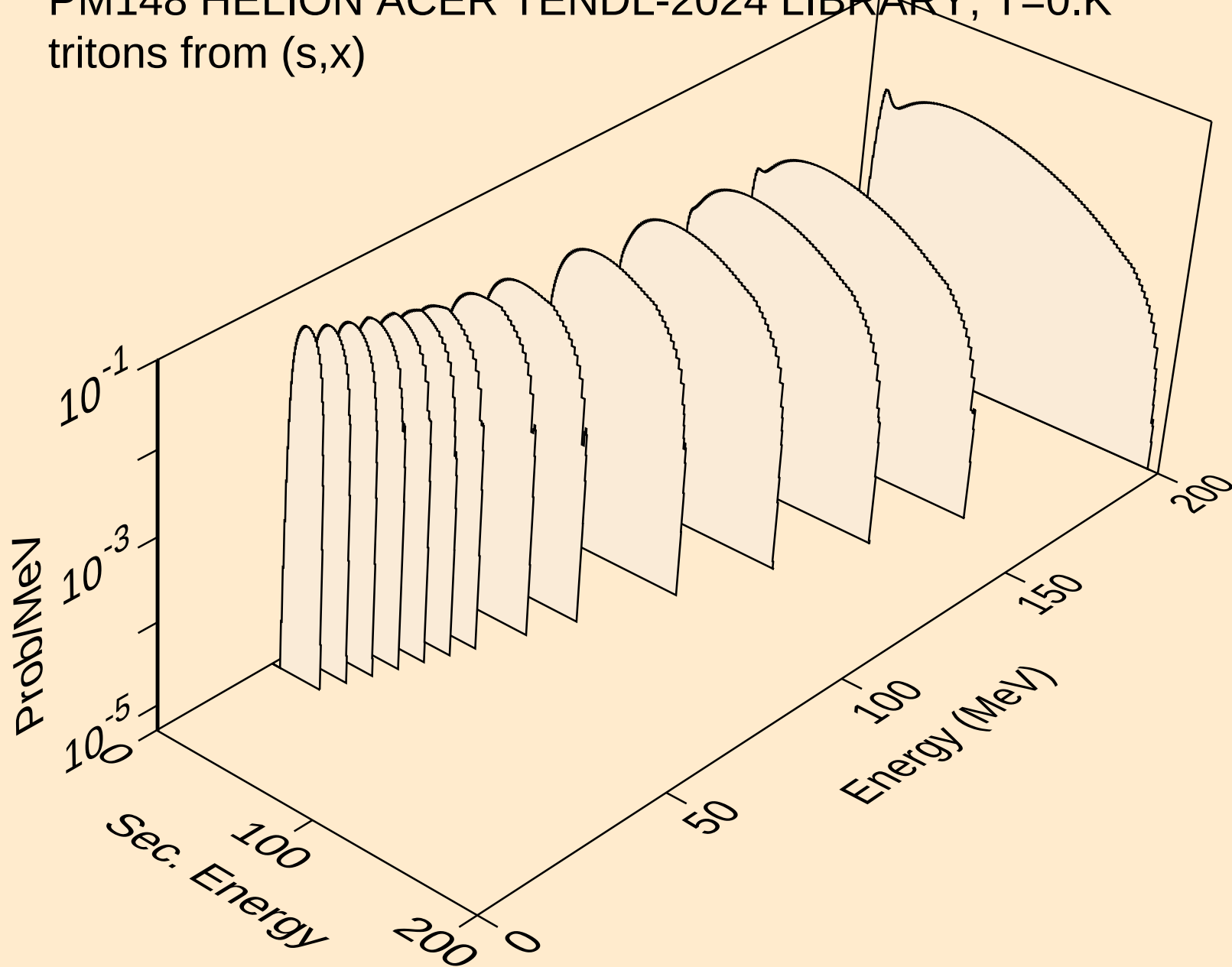
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,da)

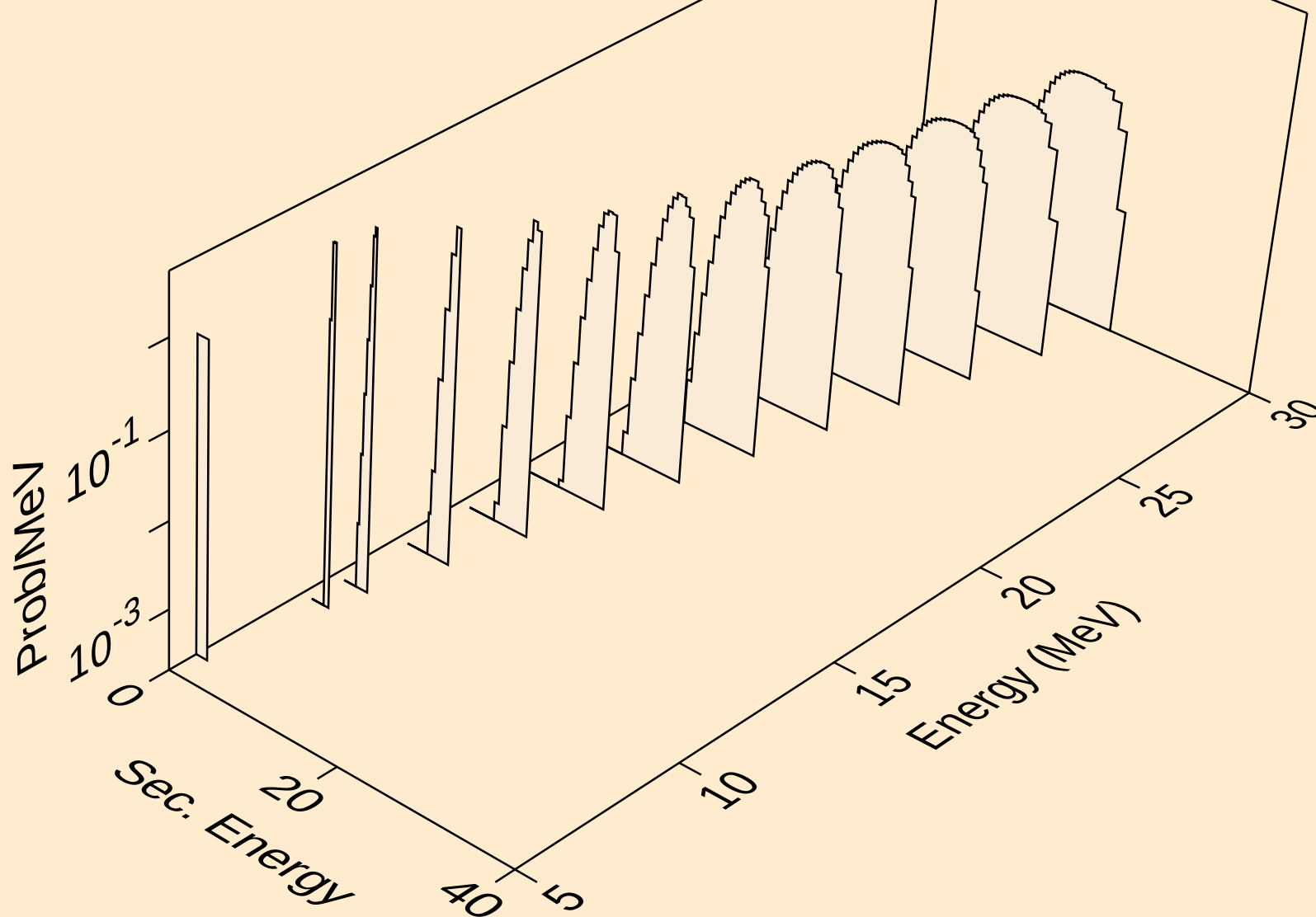


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)

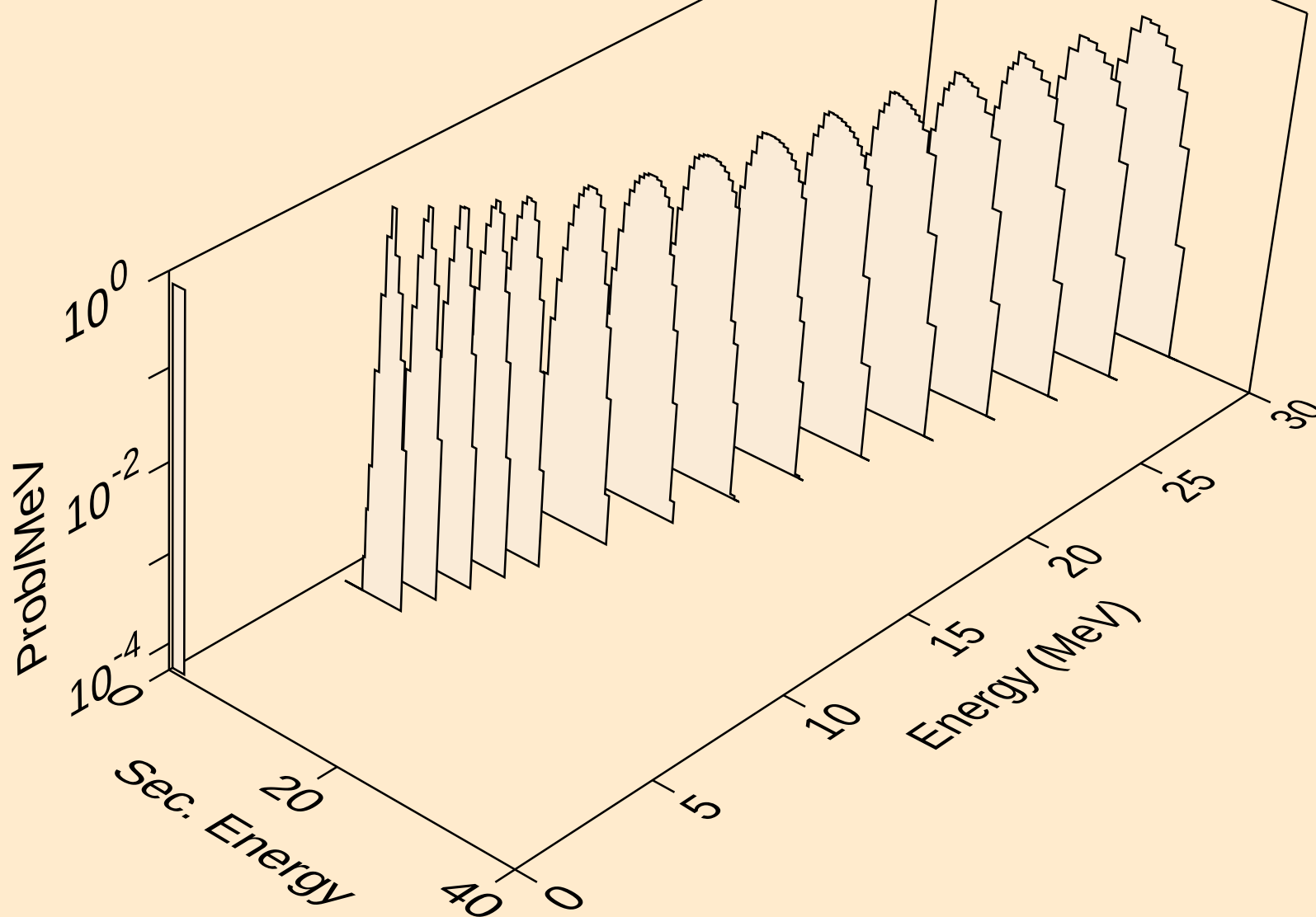




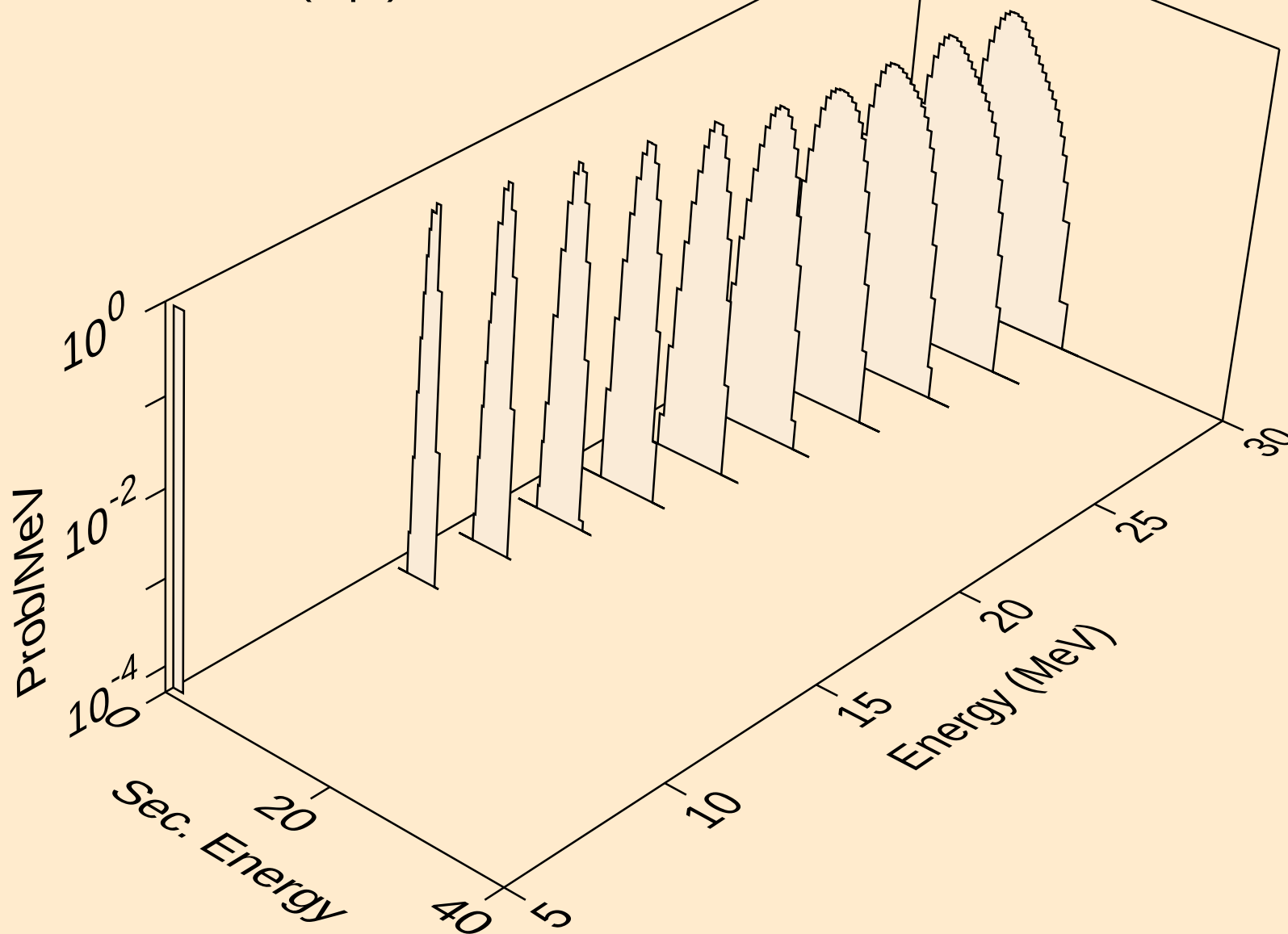
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t



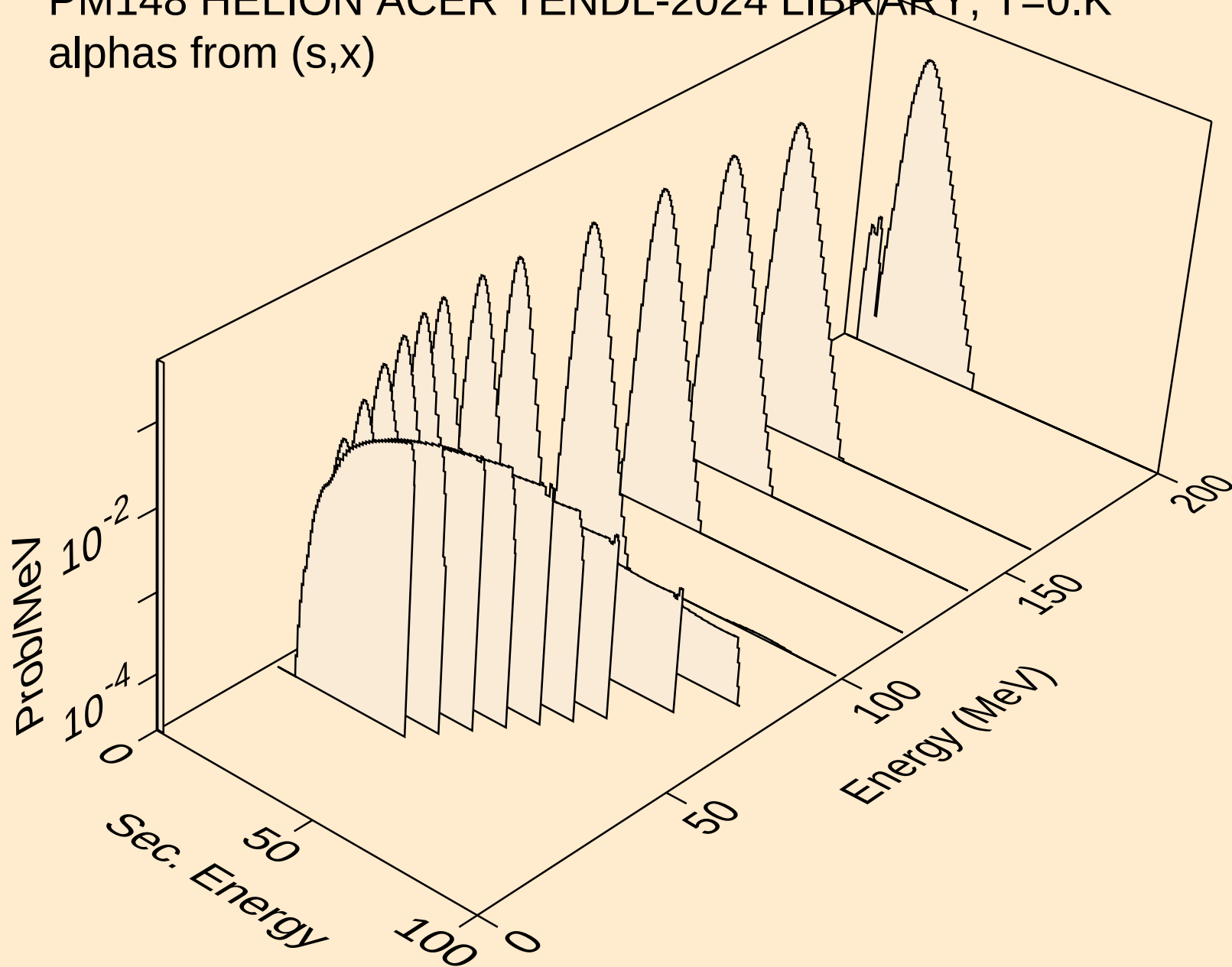
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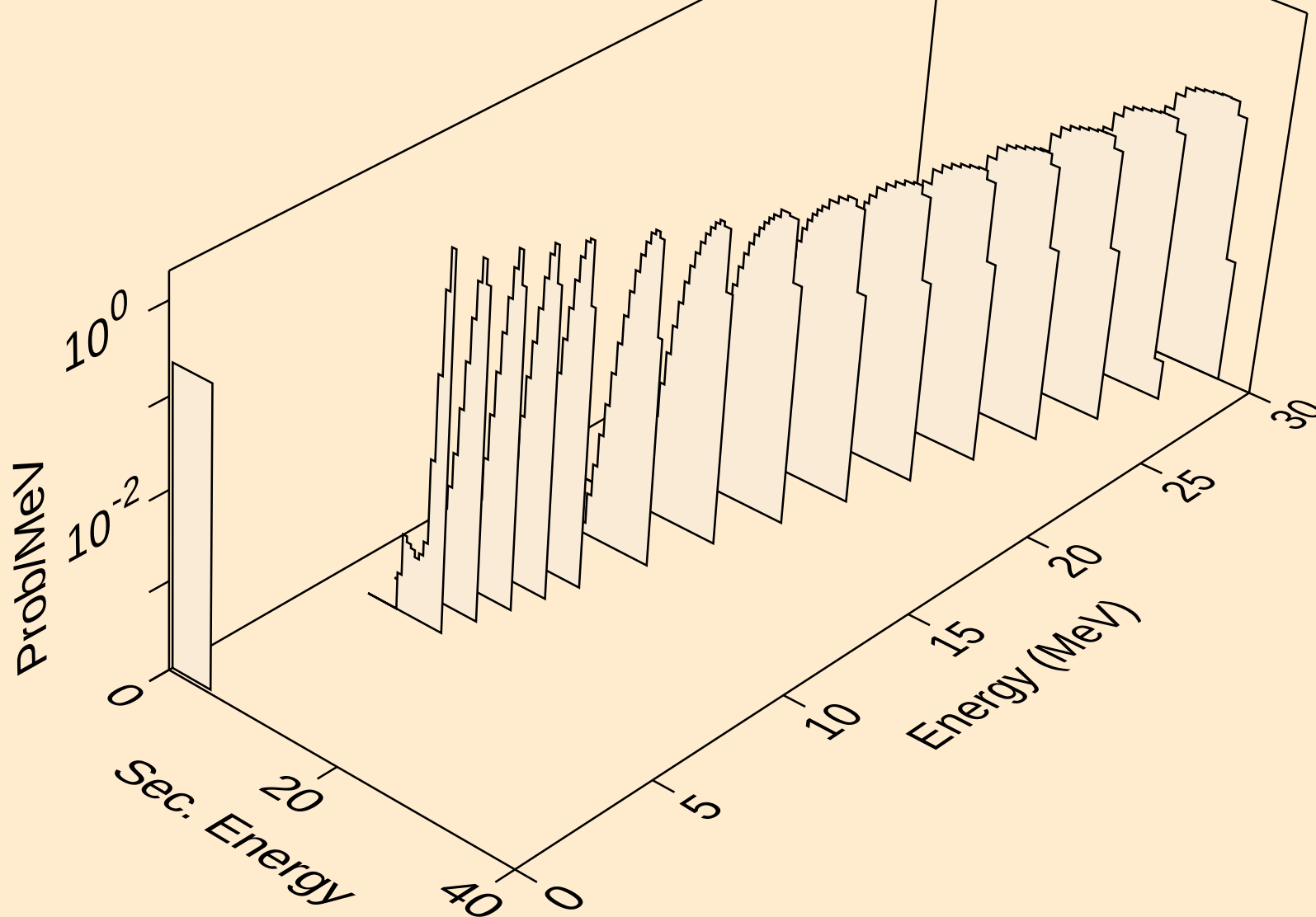
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tritons from (s,pt)



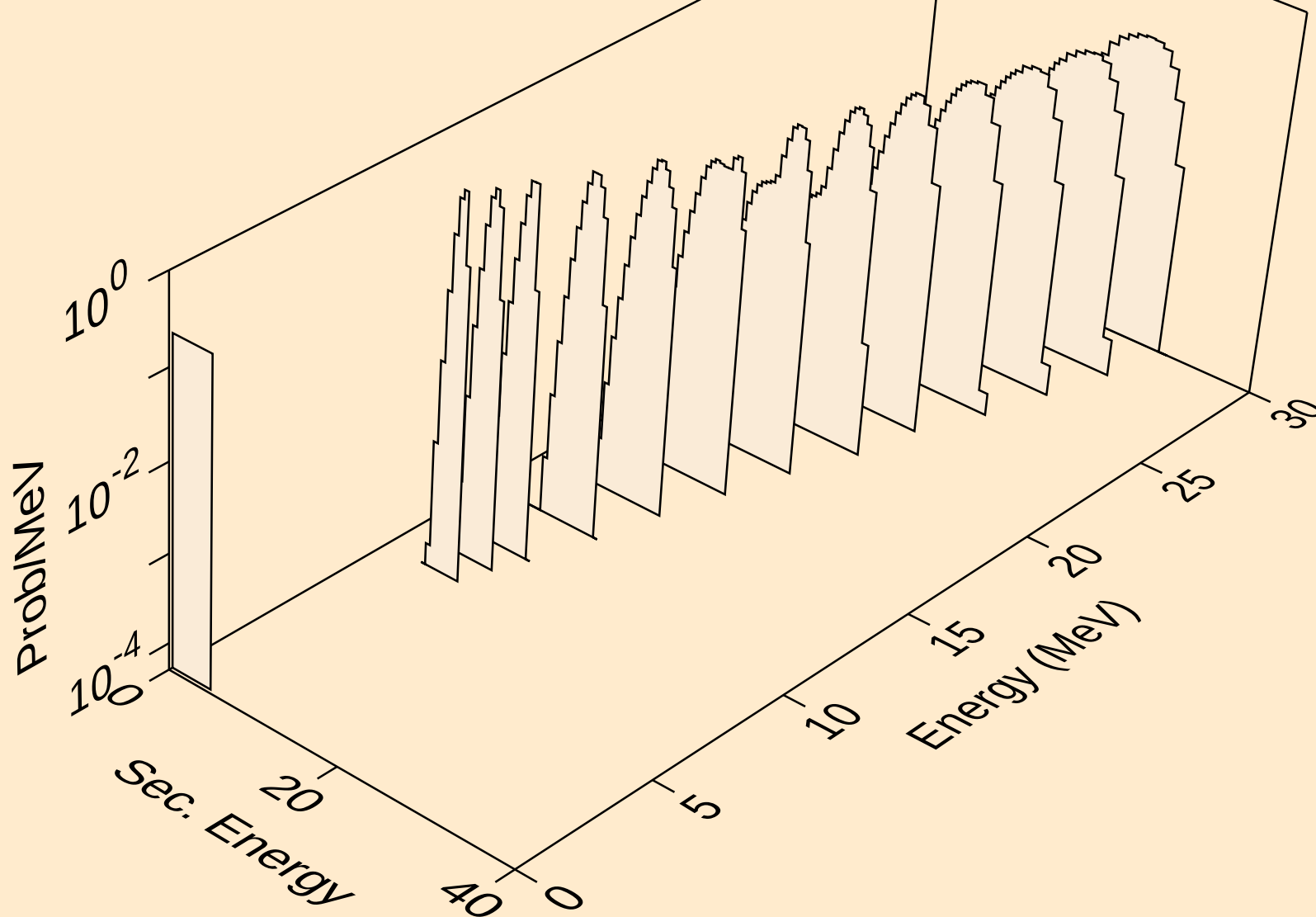
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



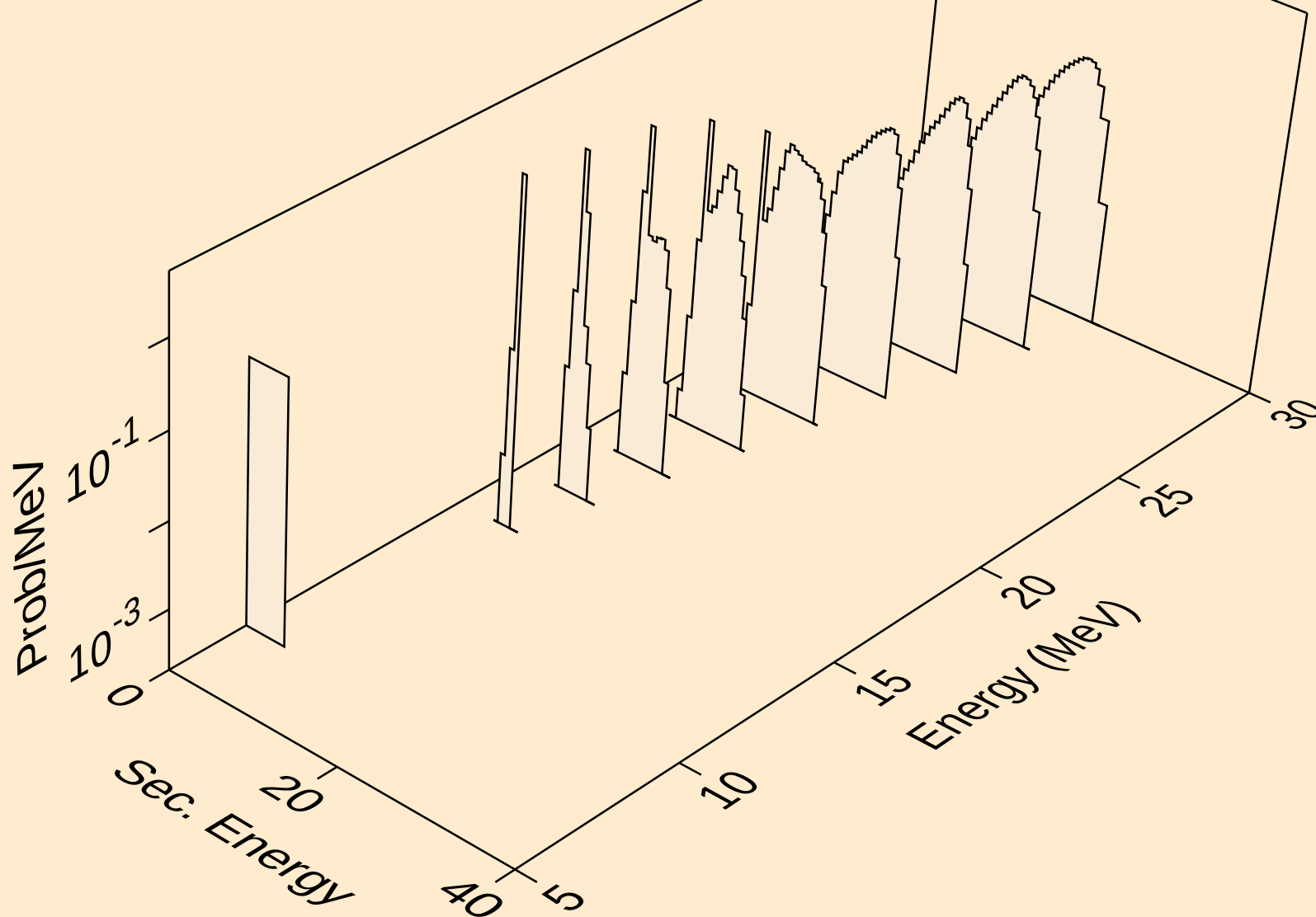
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



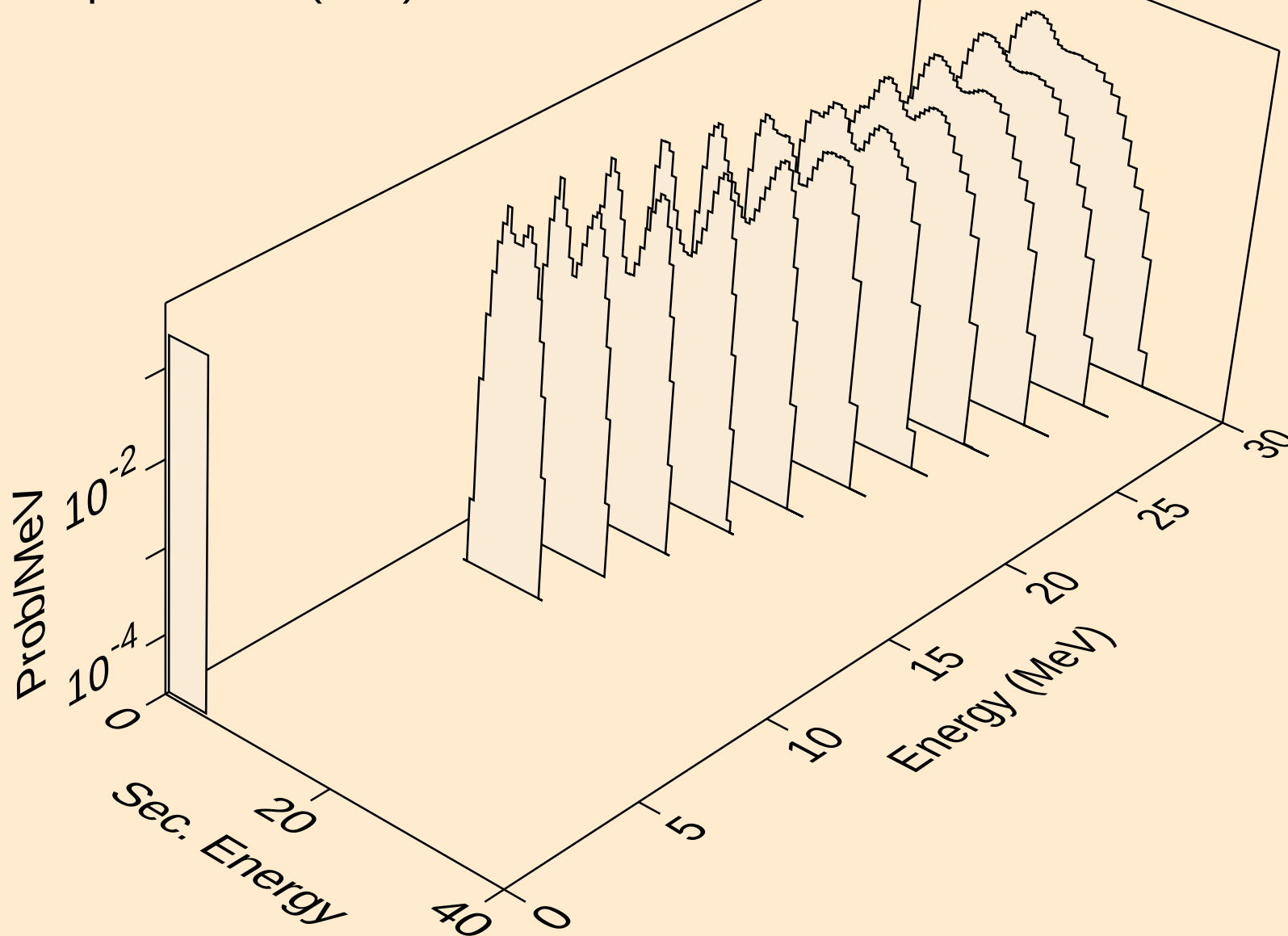
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a

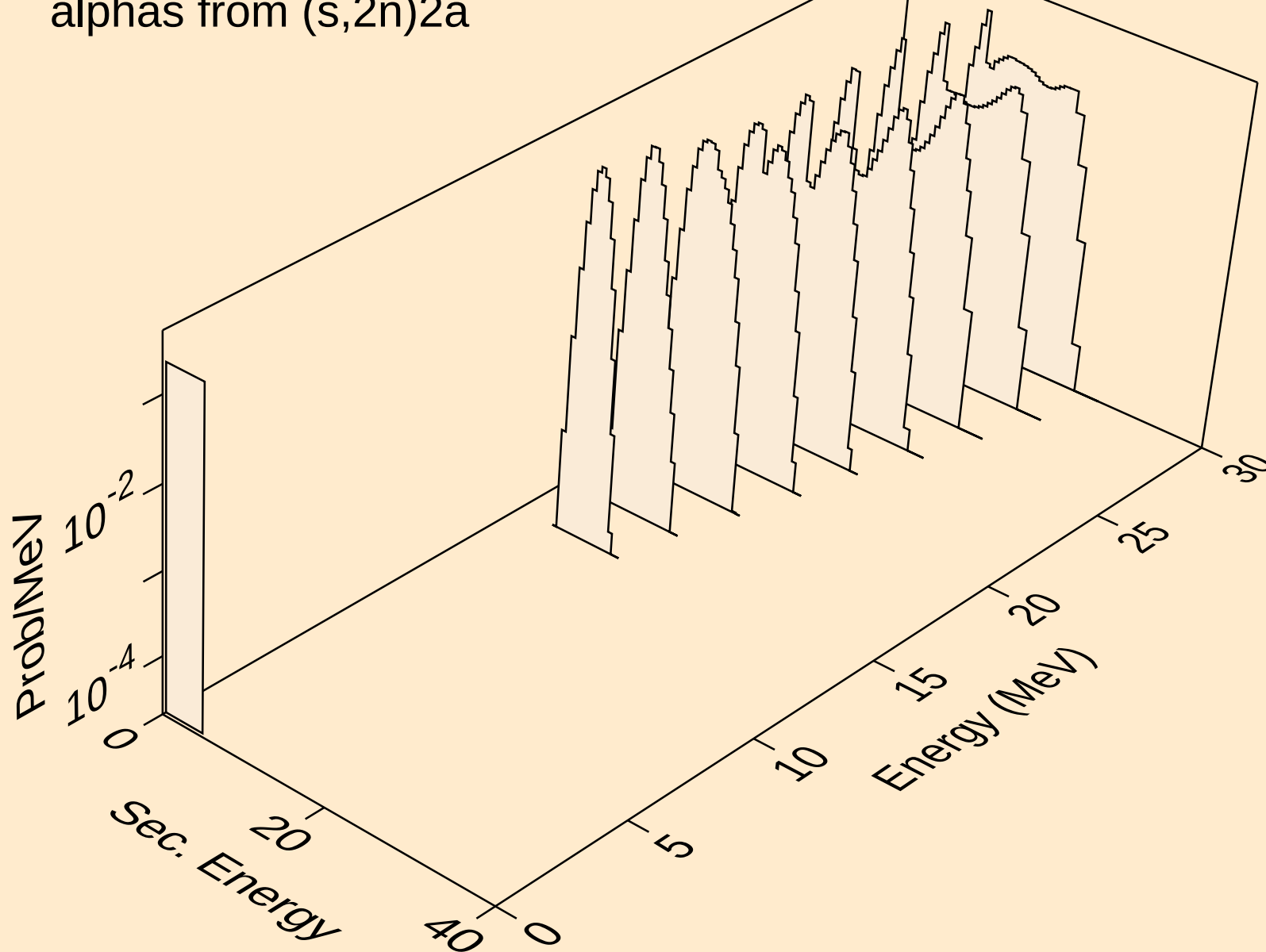


PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)2a

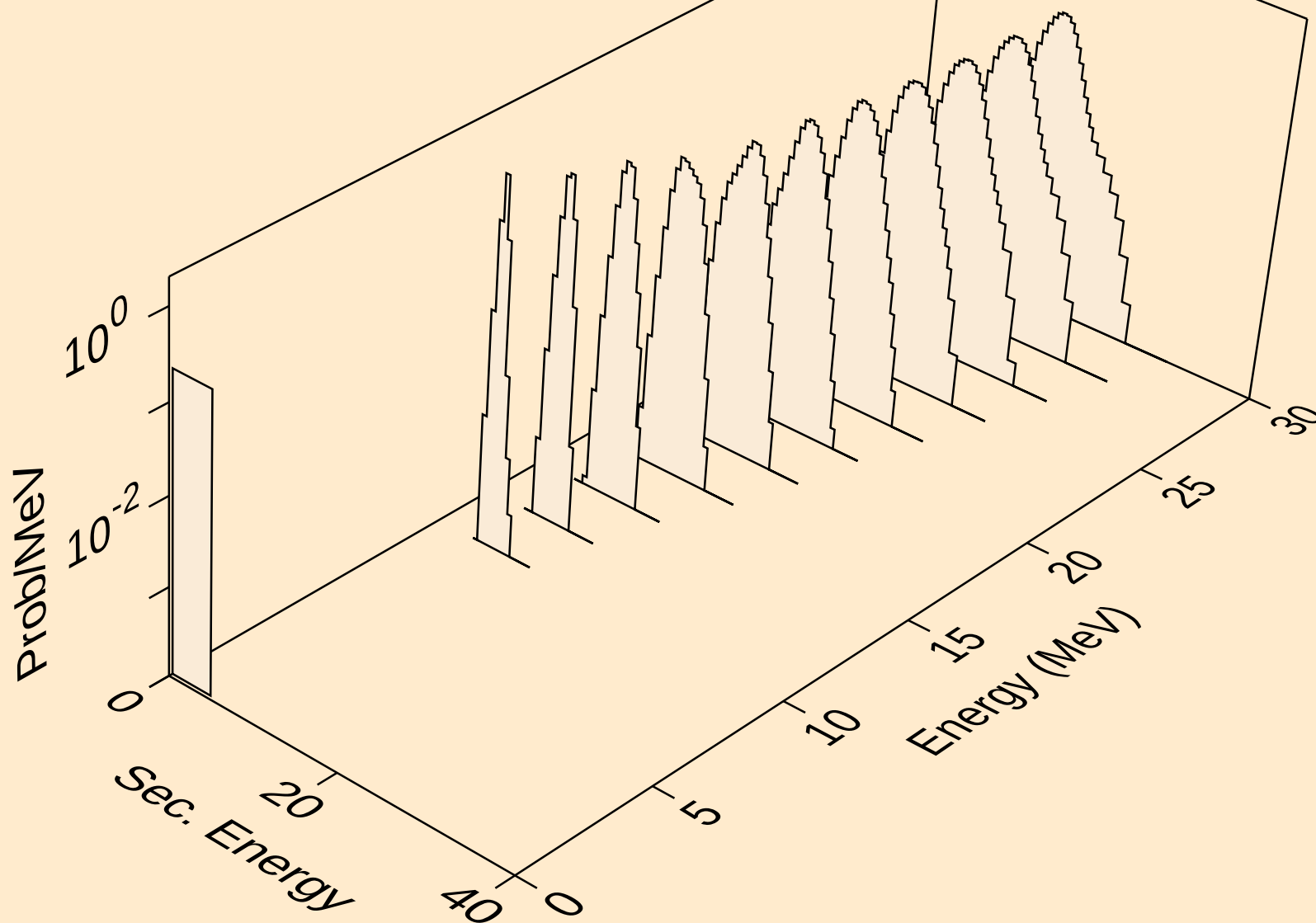




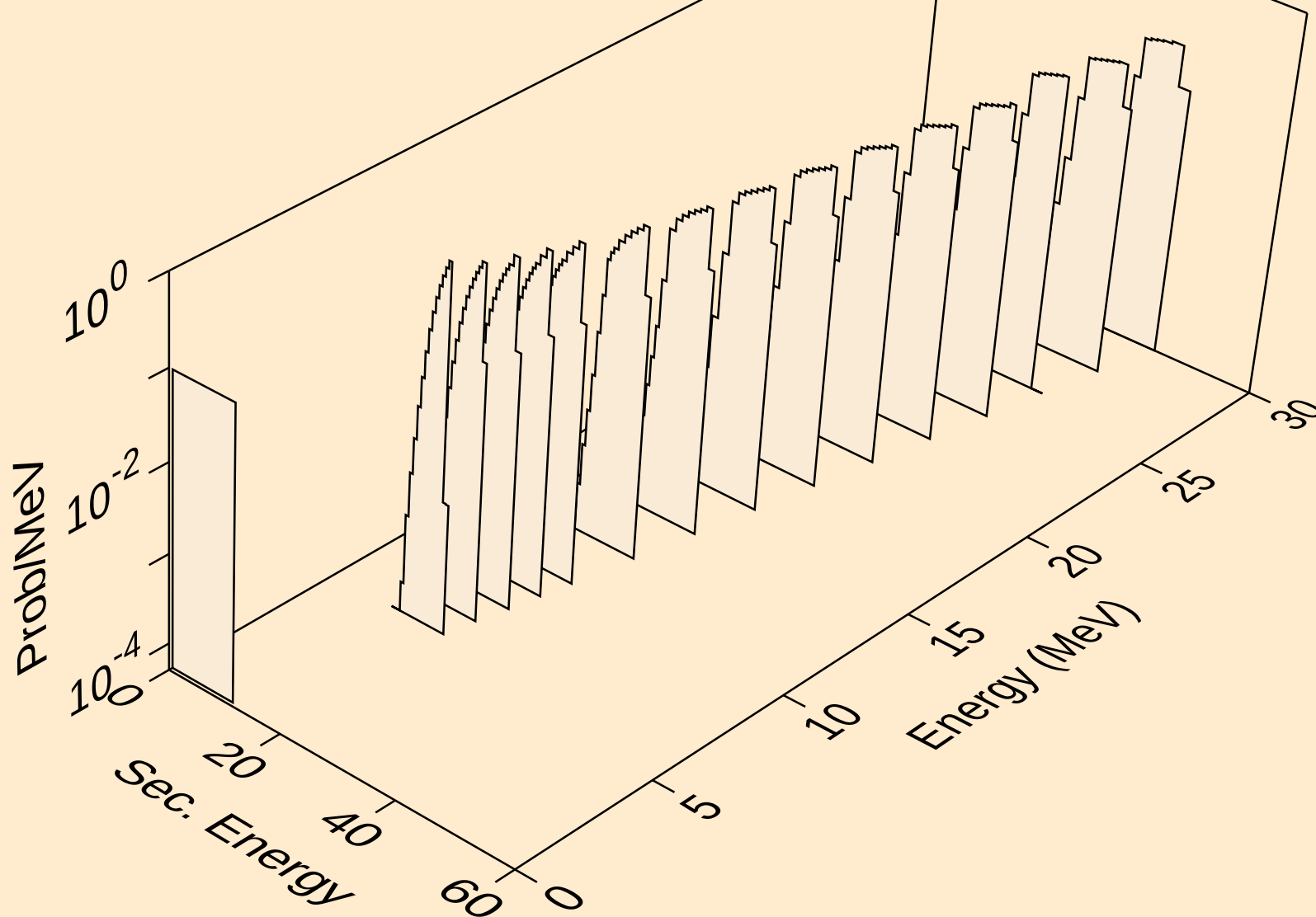
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alphas from (s,2n)2a



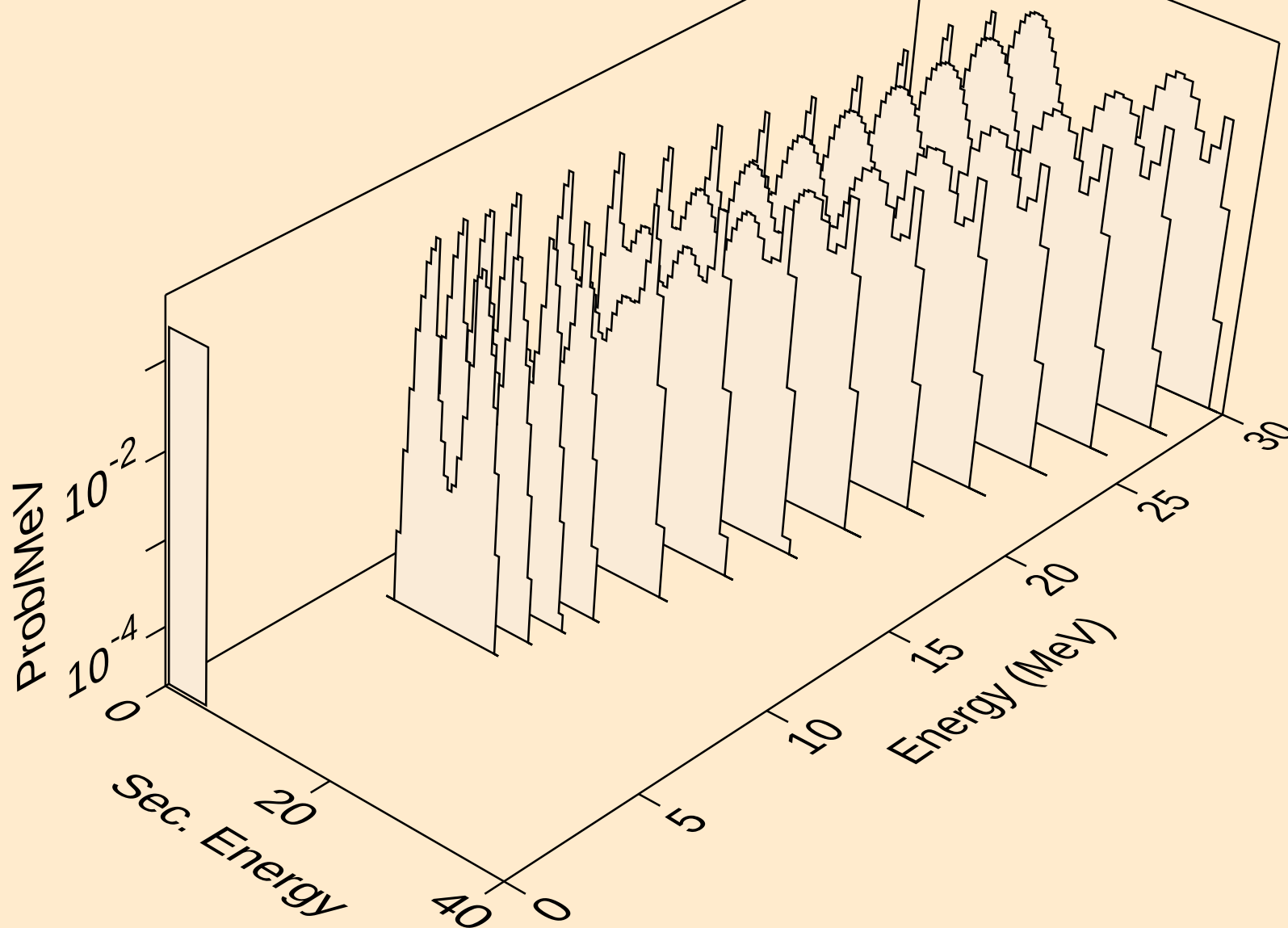
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alphas from (s,npa)



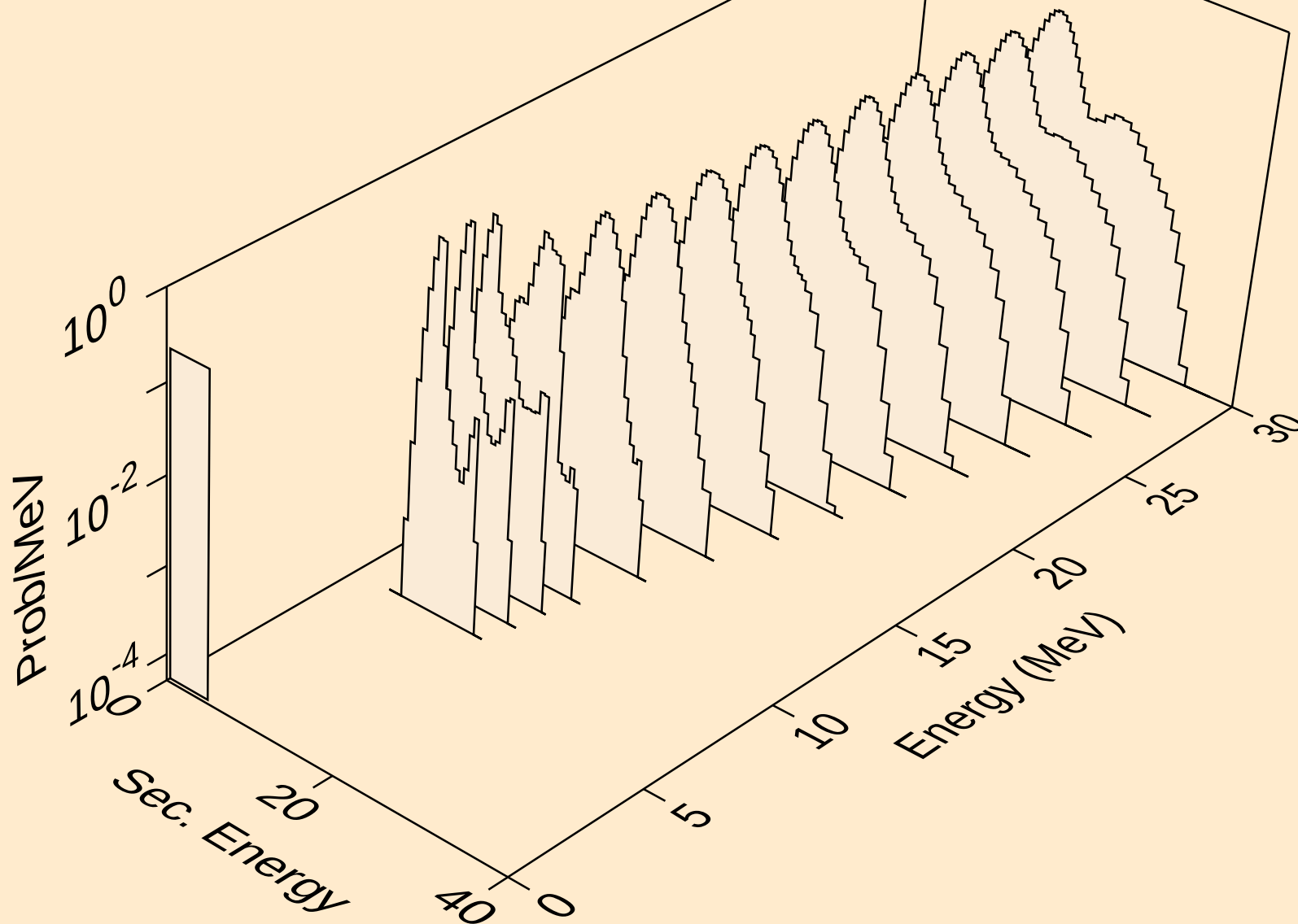
PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



PM148 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

