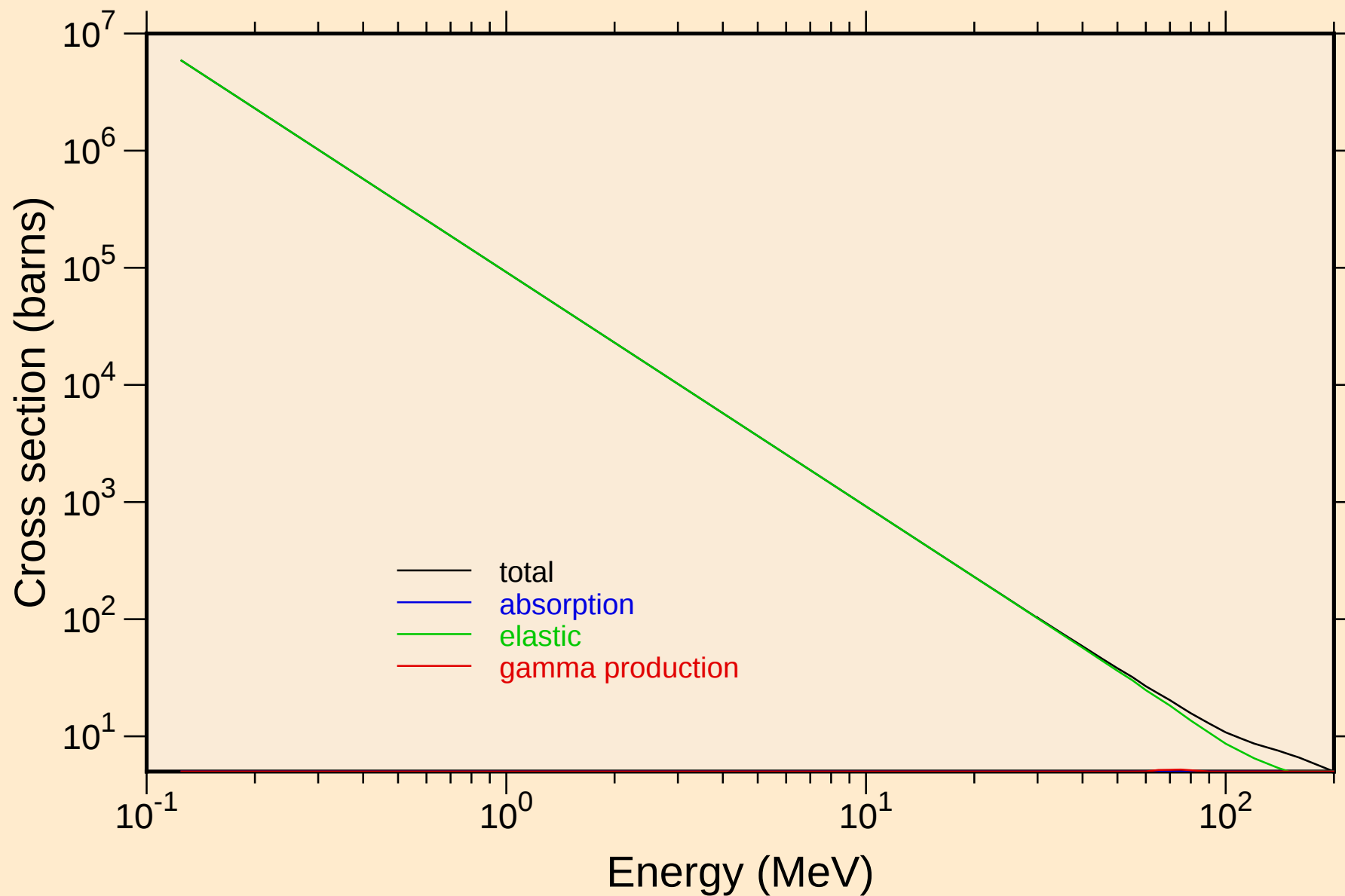


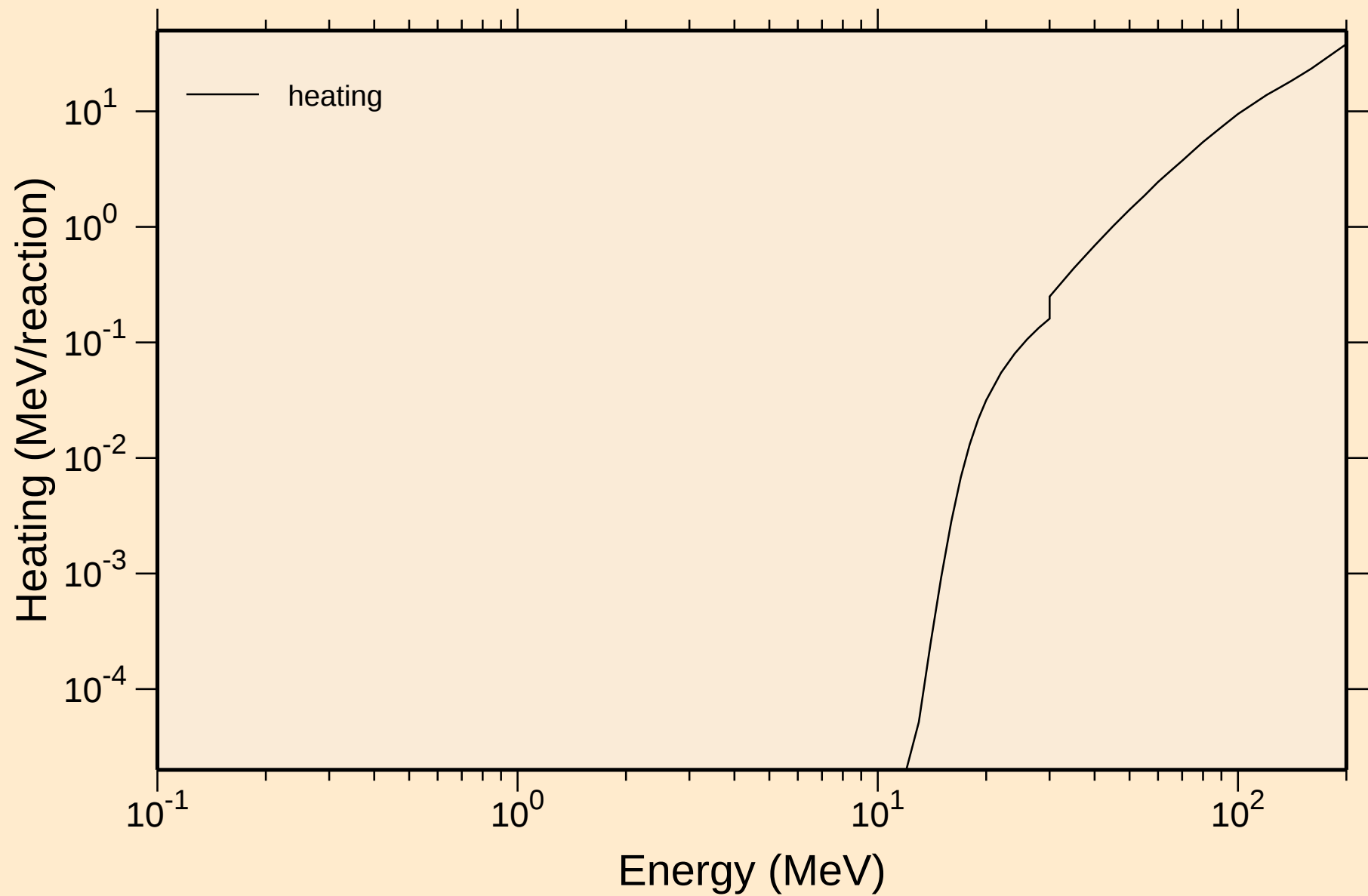
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



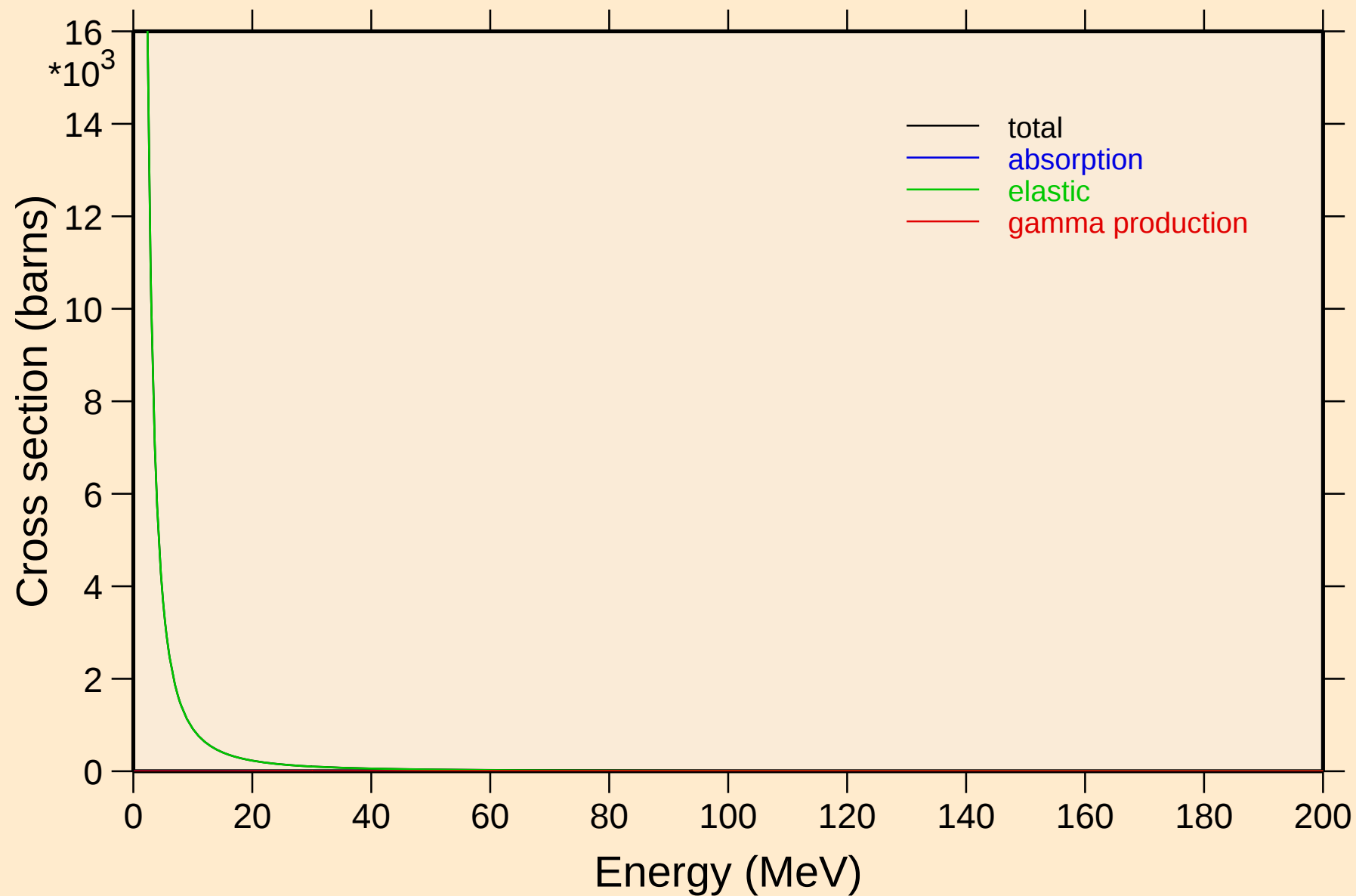
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



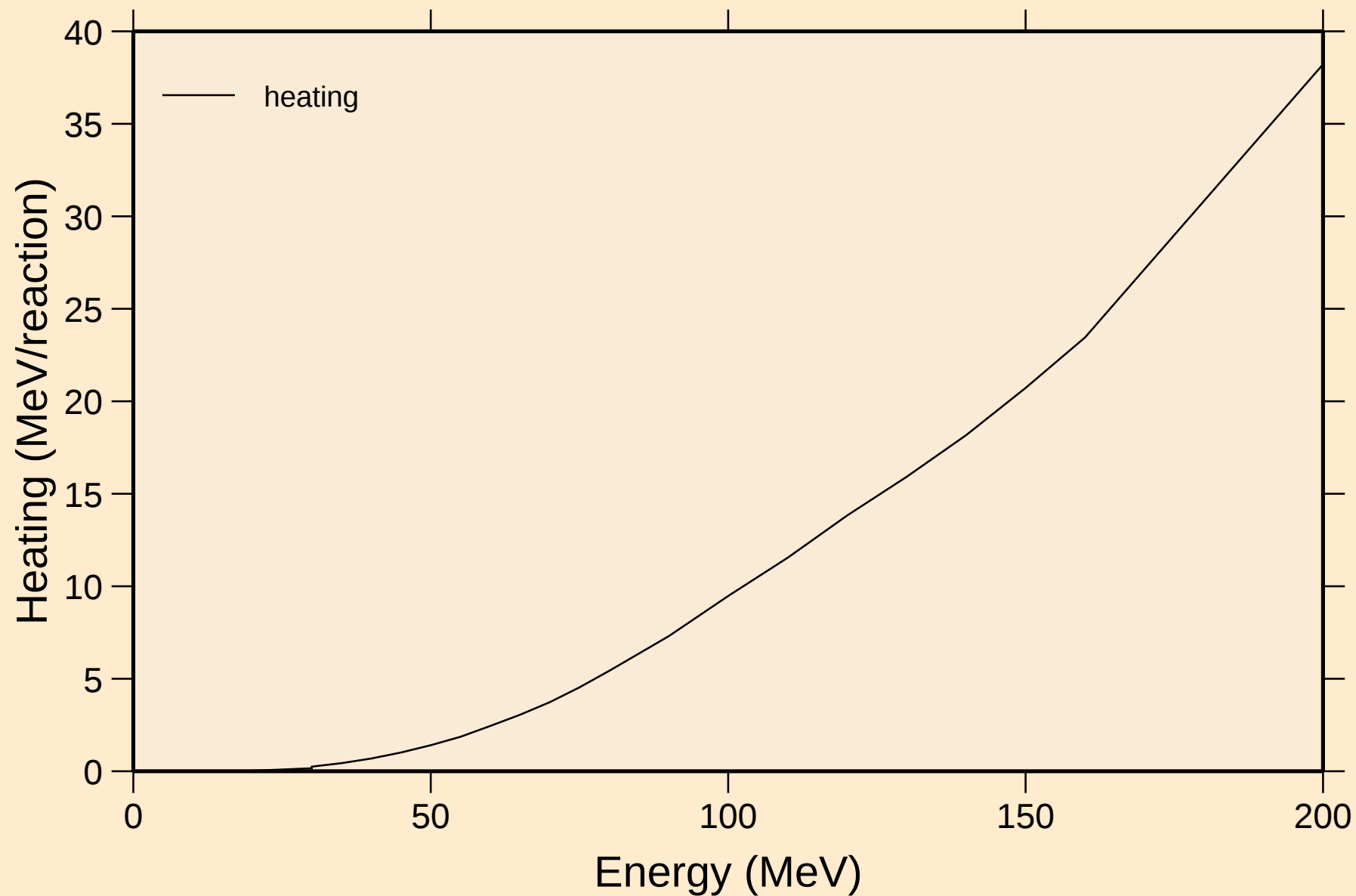
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



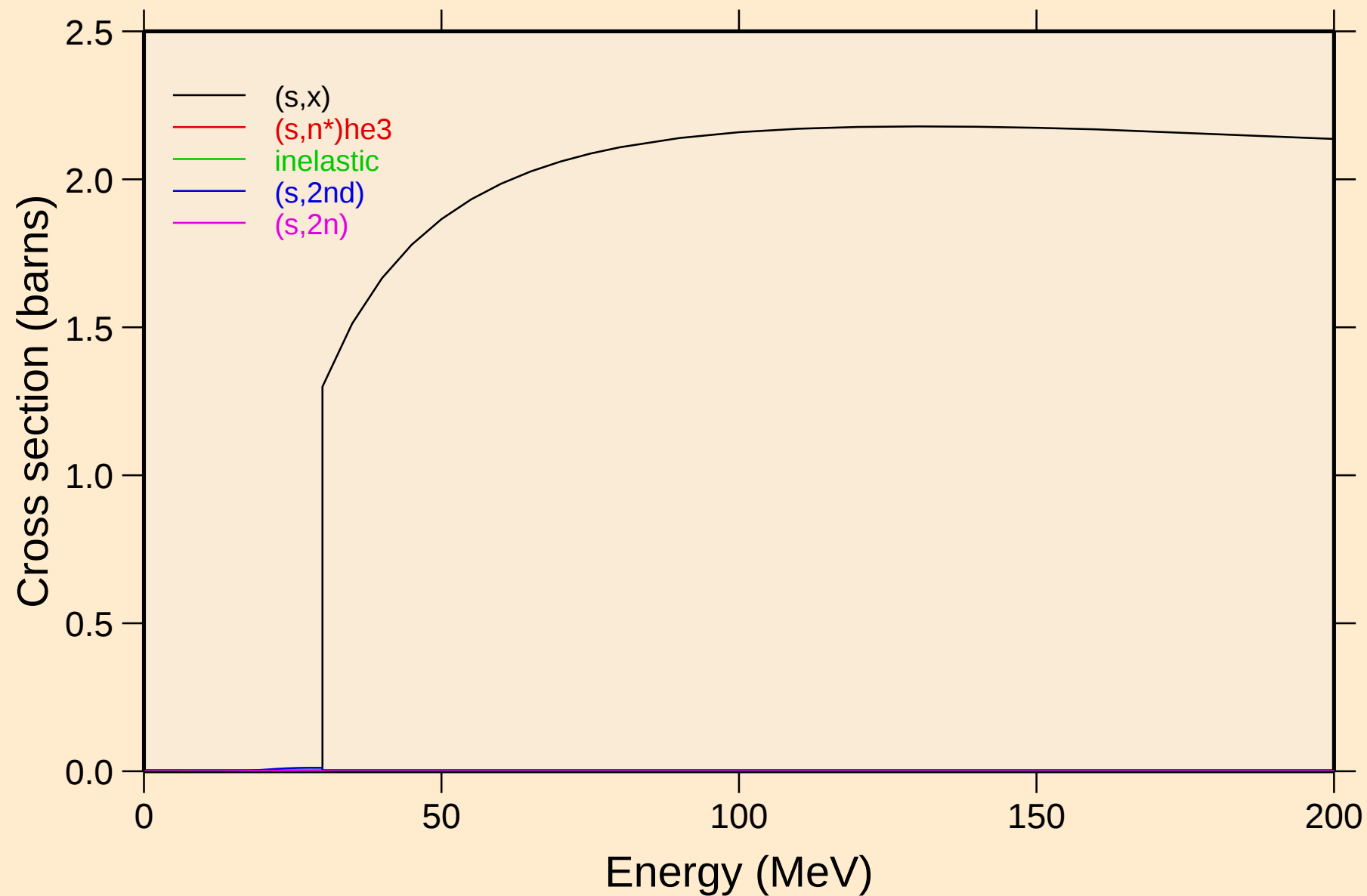
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



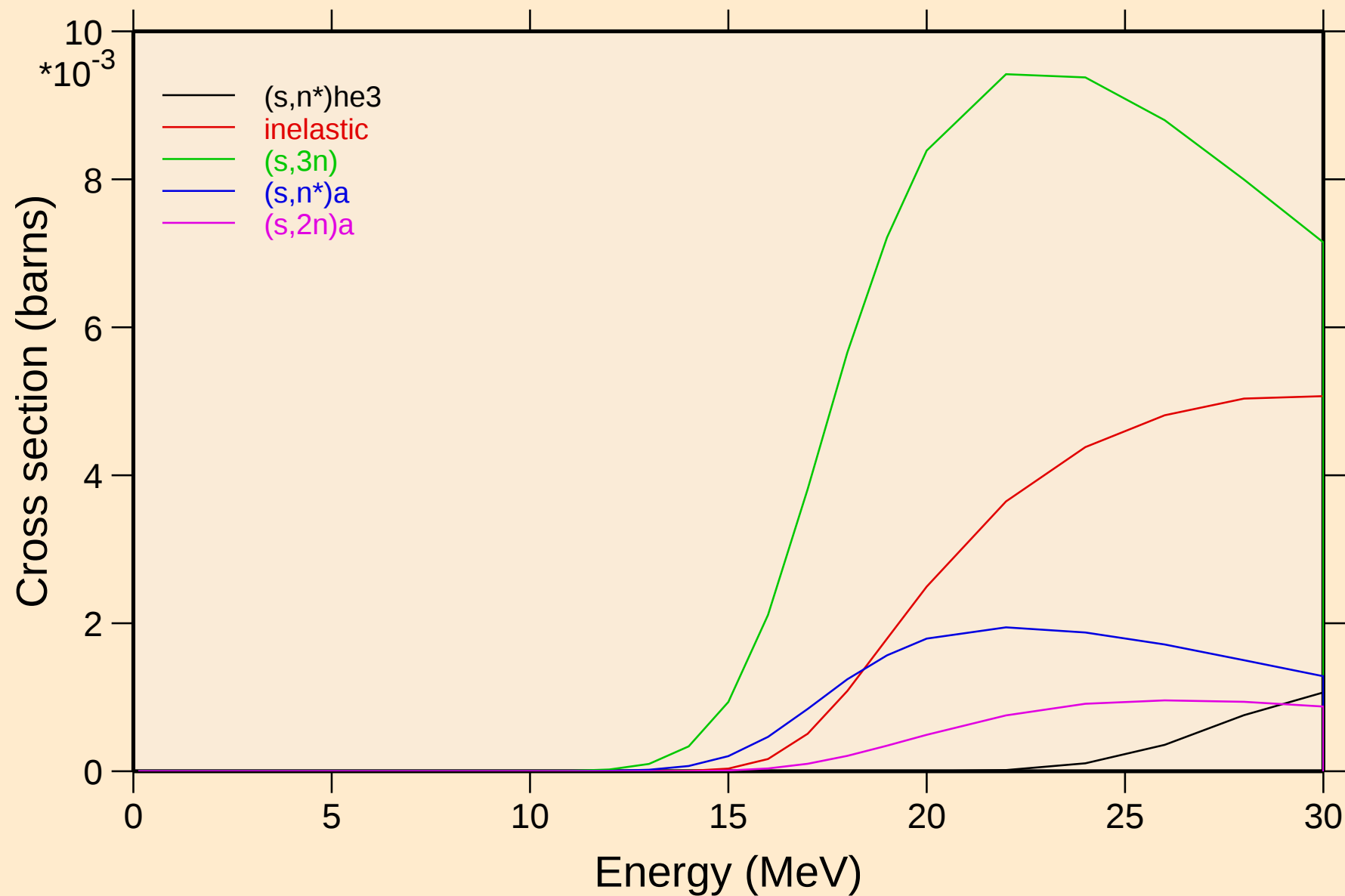
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



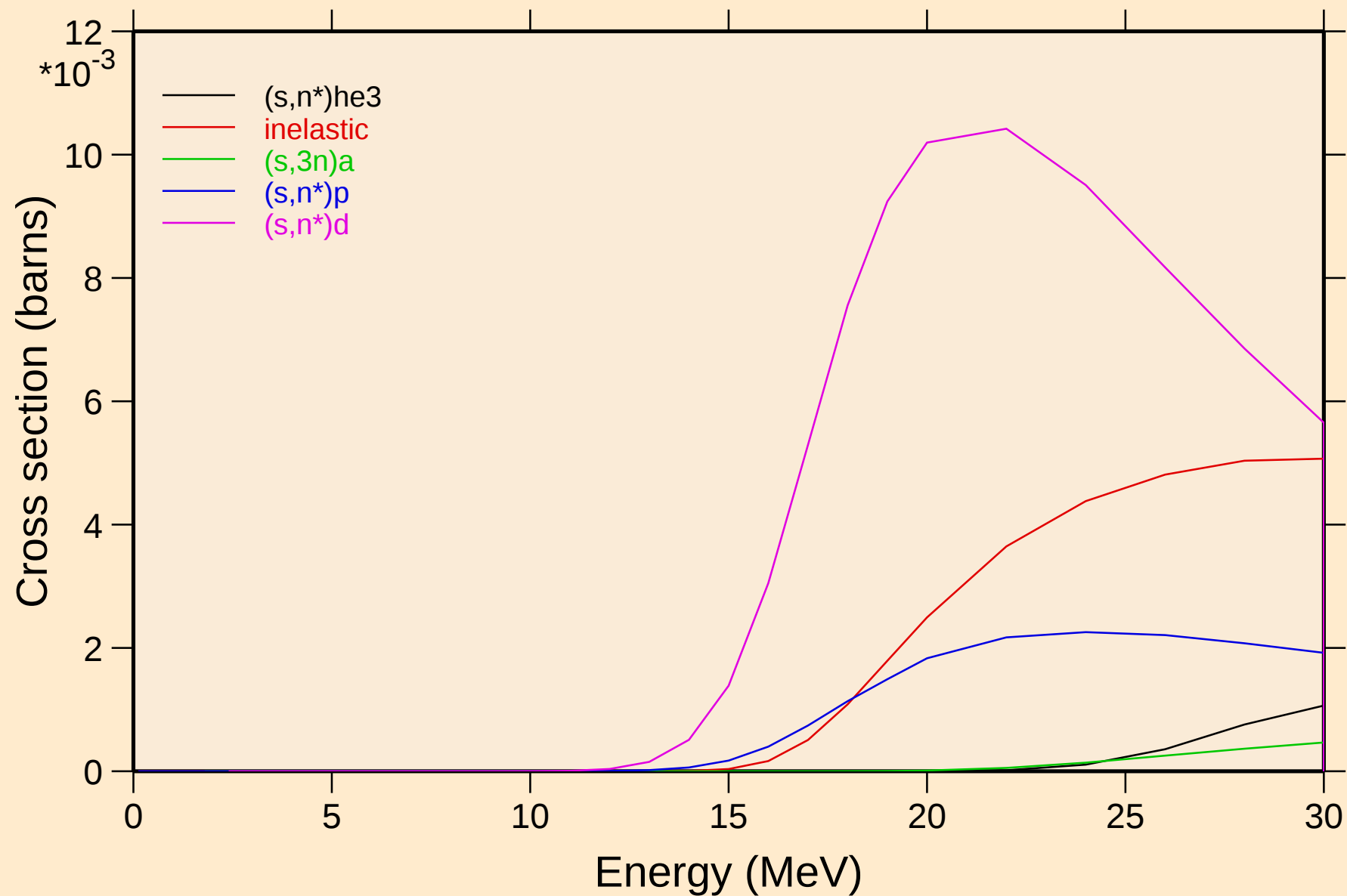
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



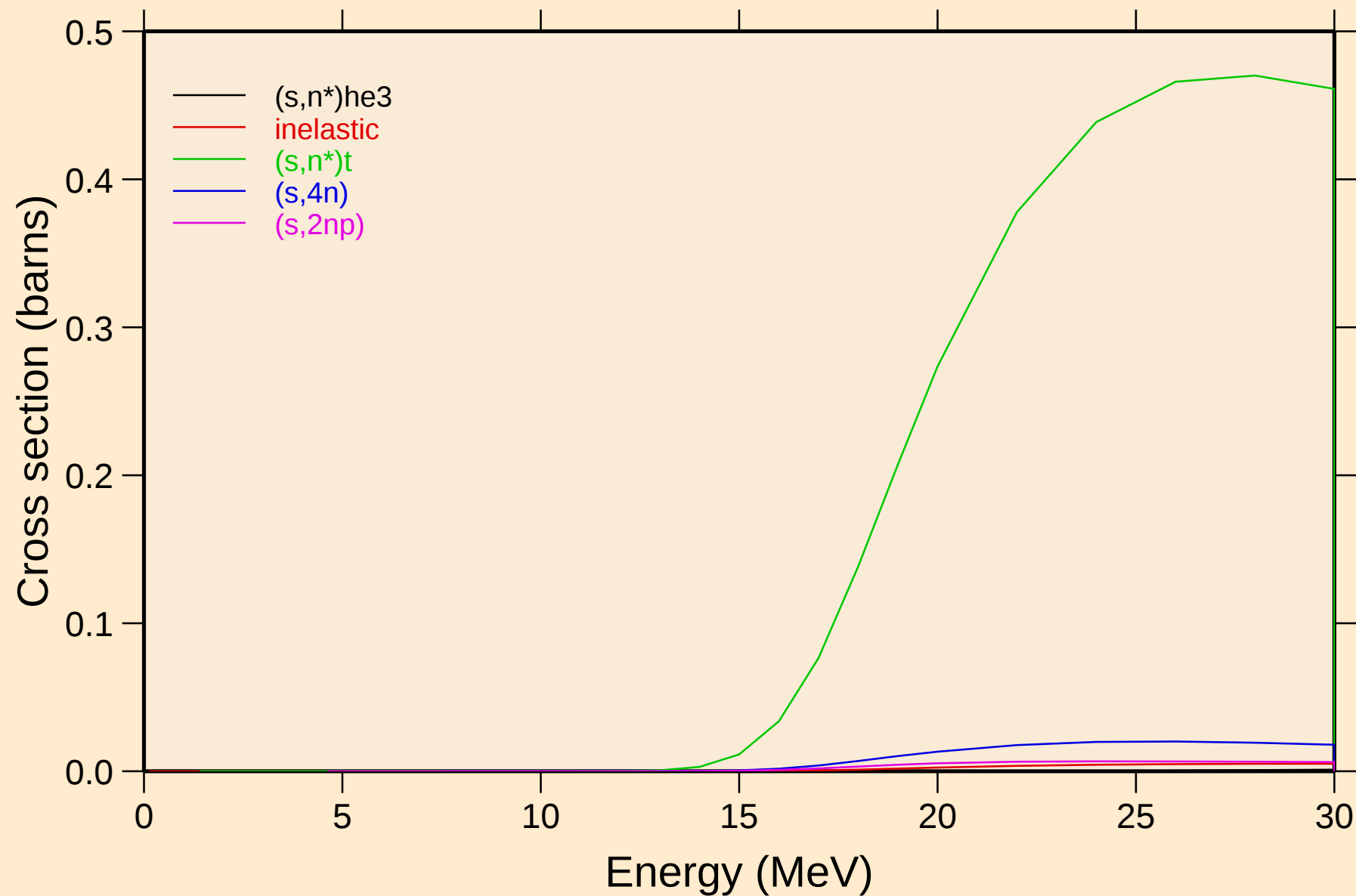
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



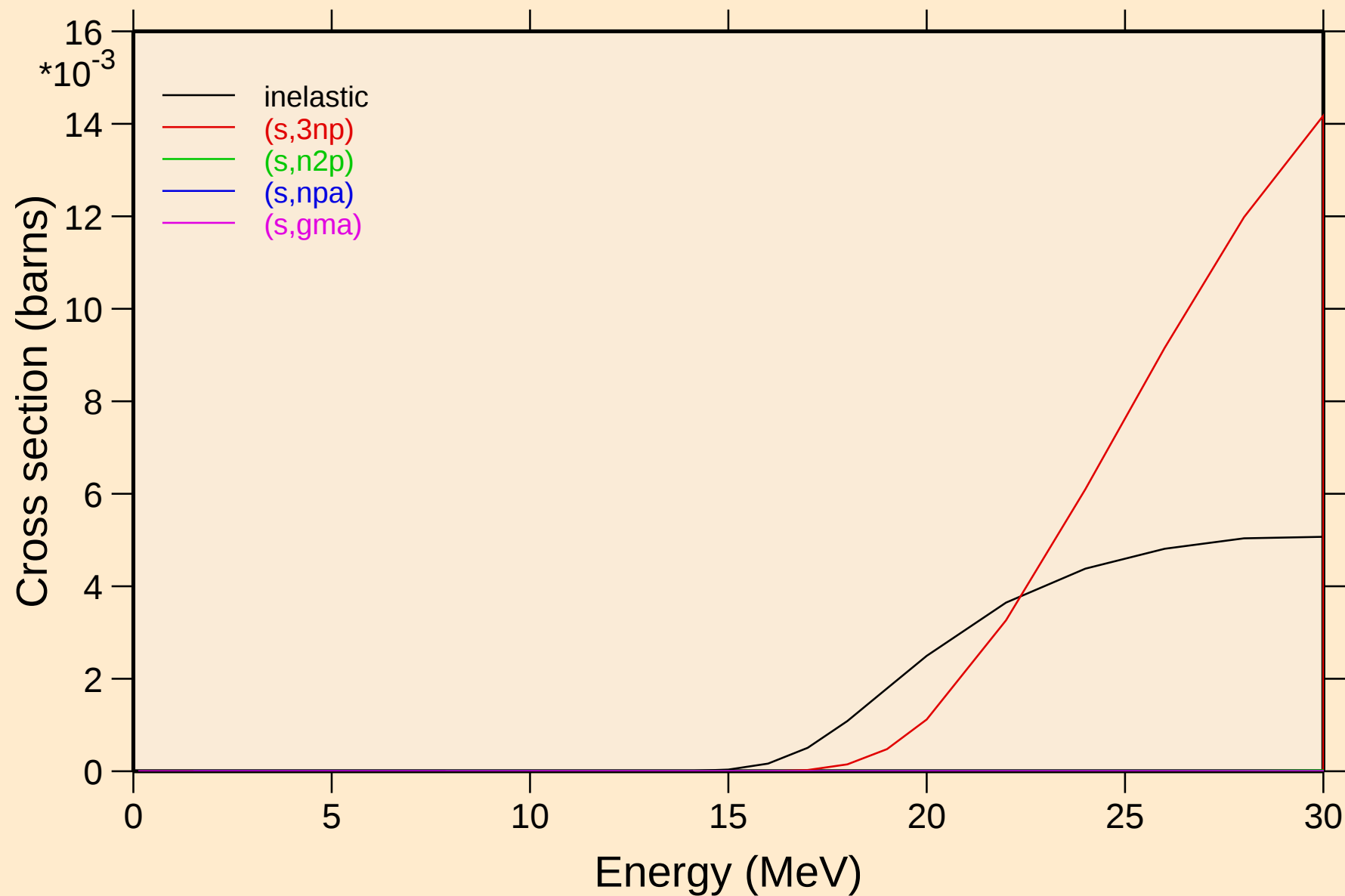
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

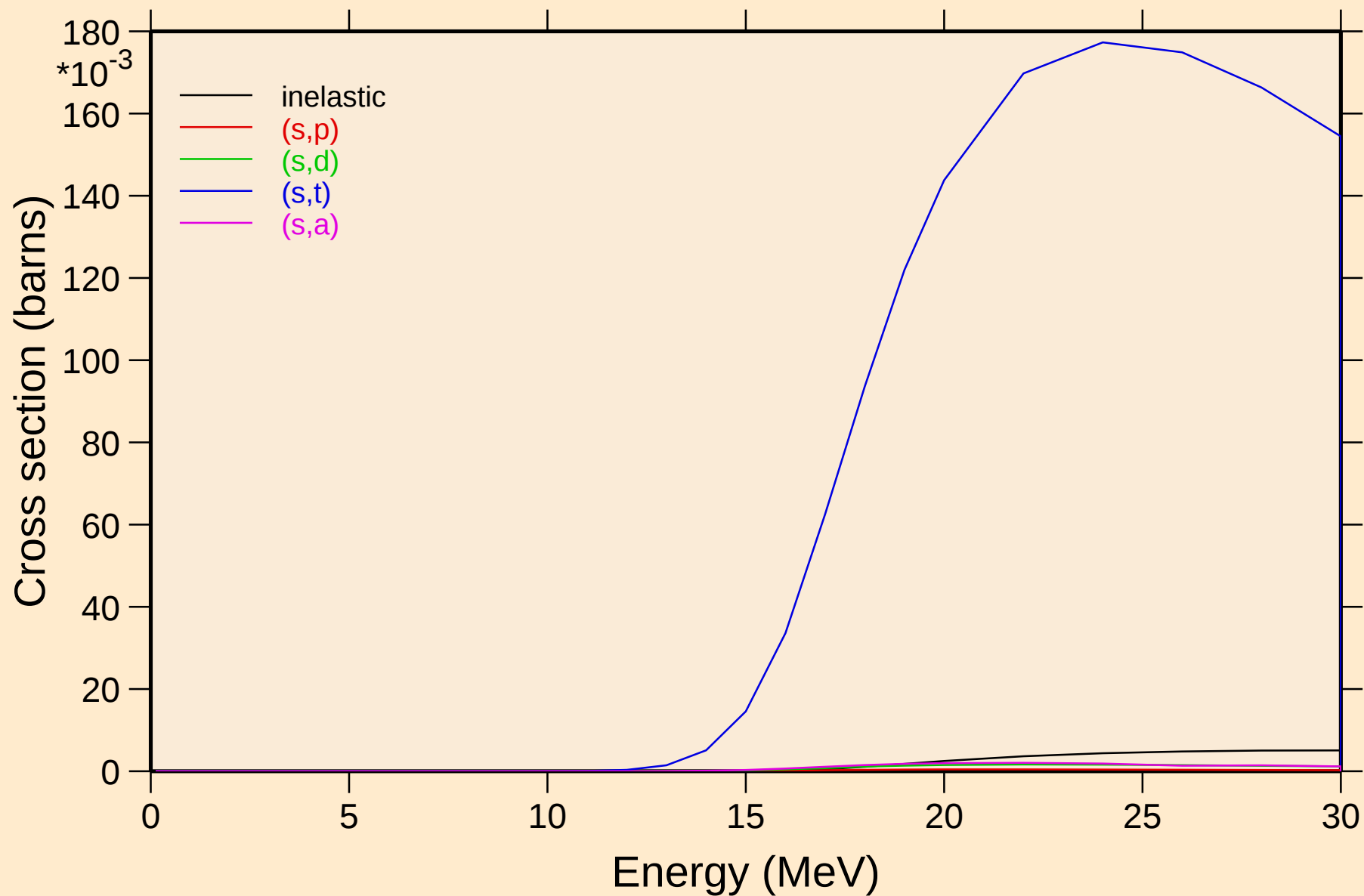


# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

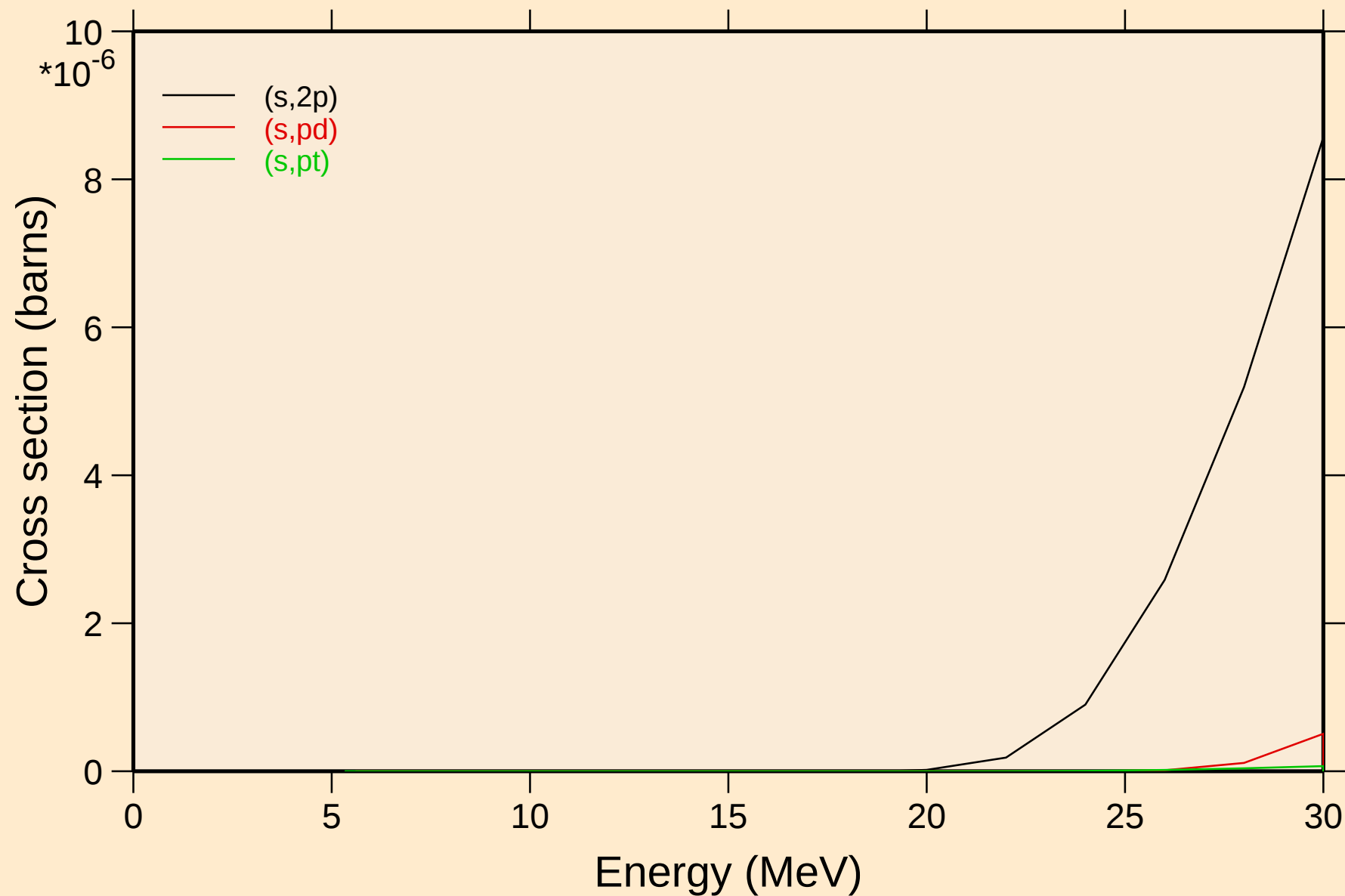


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

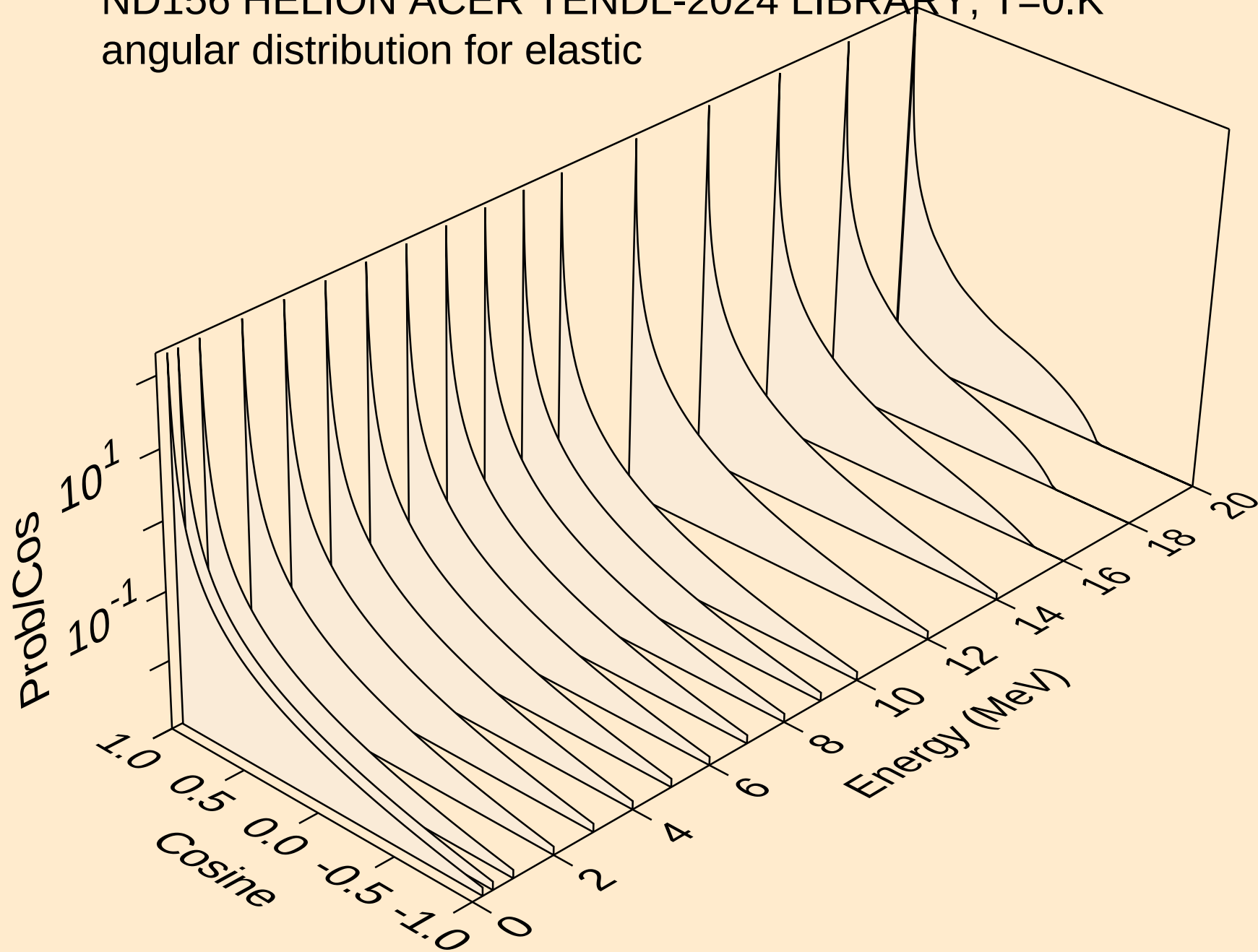


# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

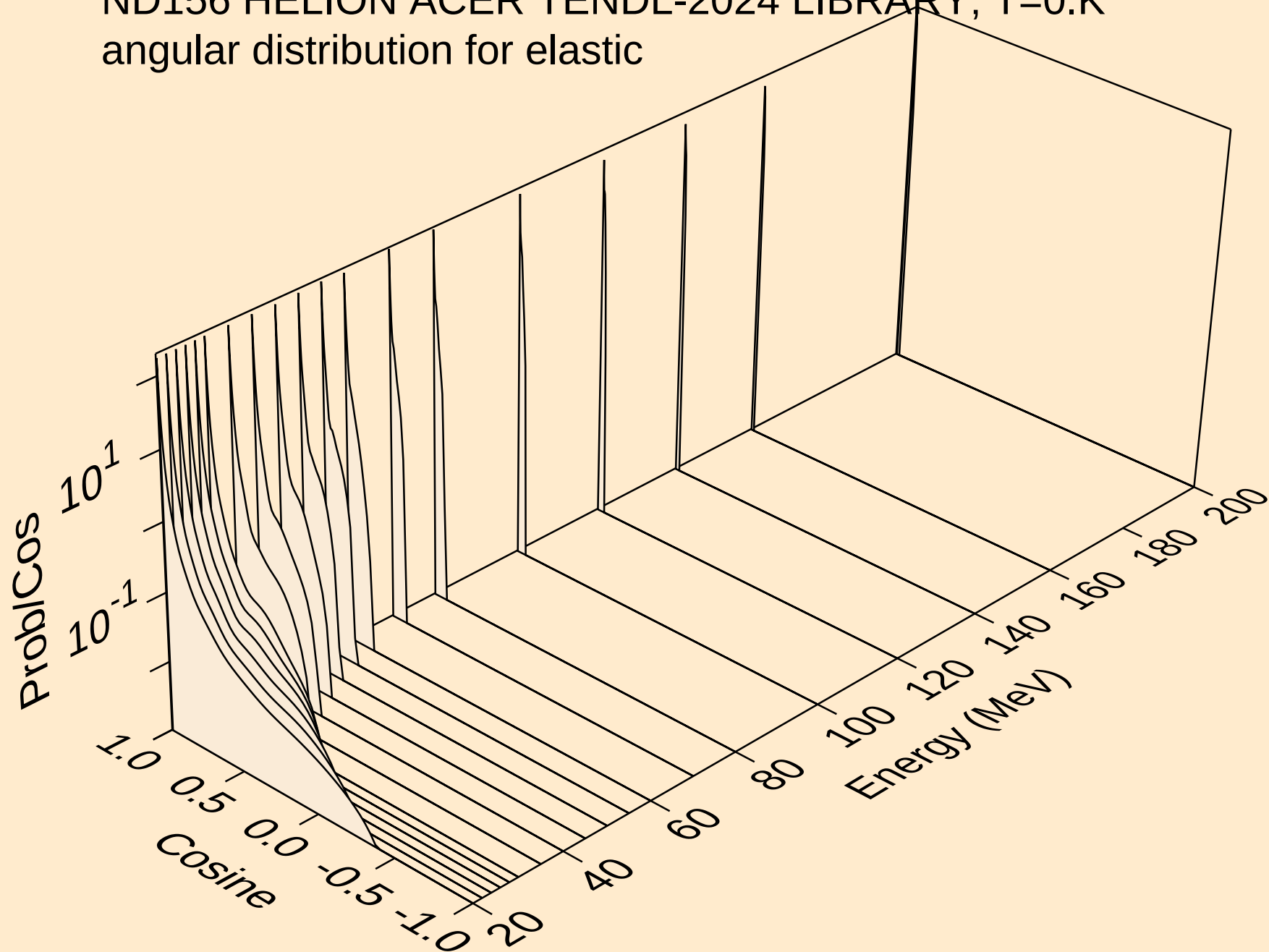
## Threshold reactions



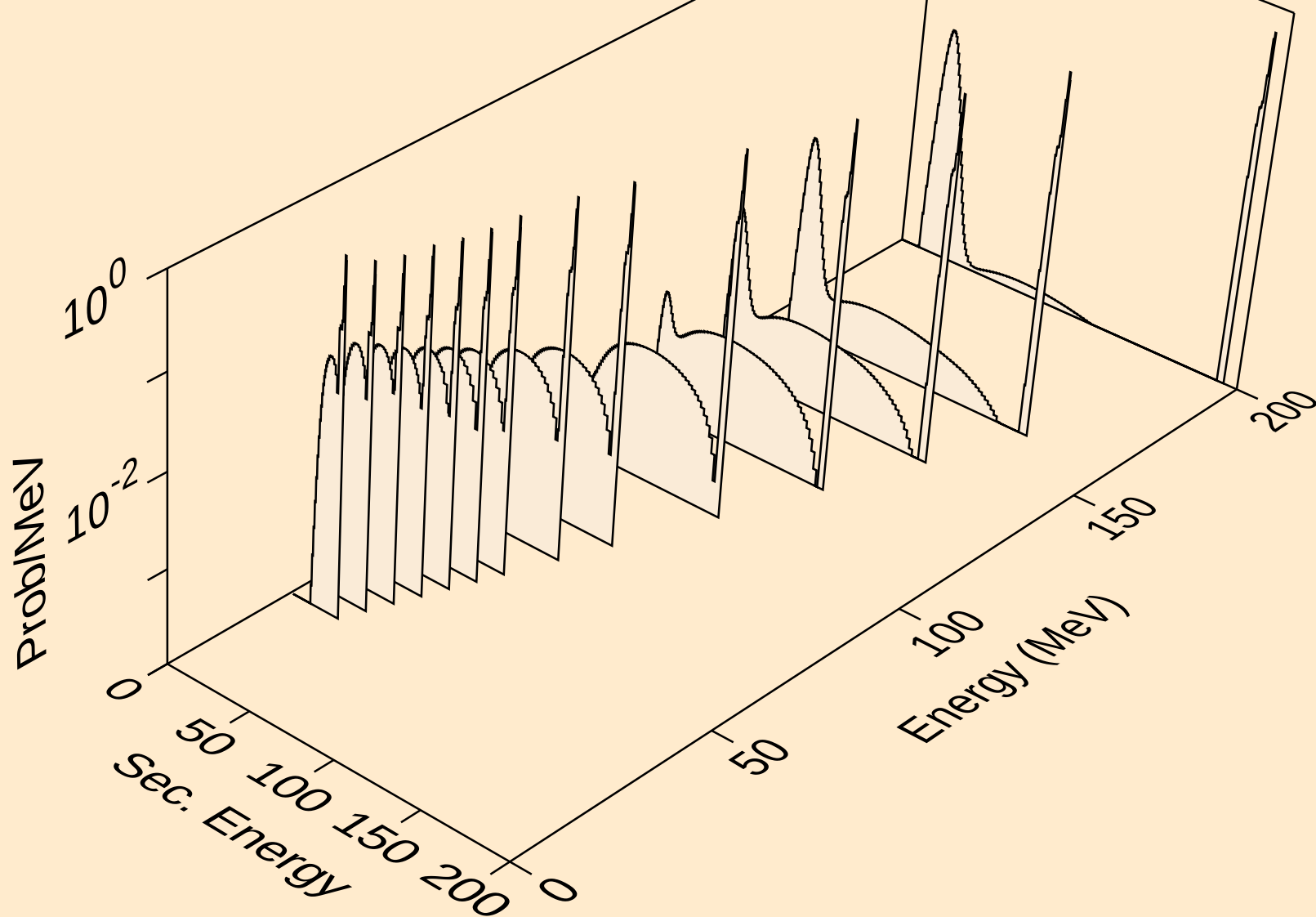
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



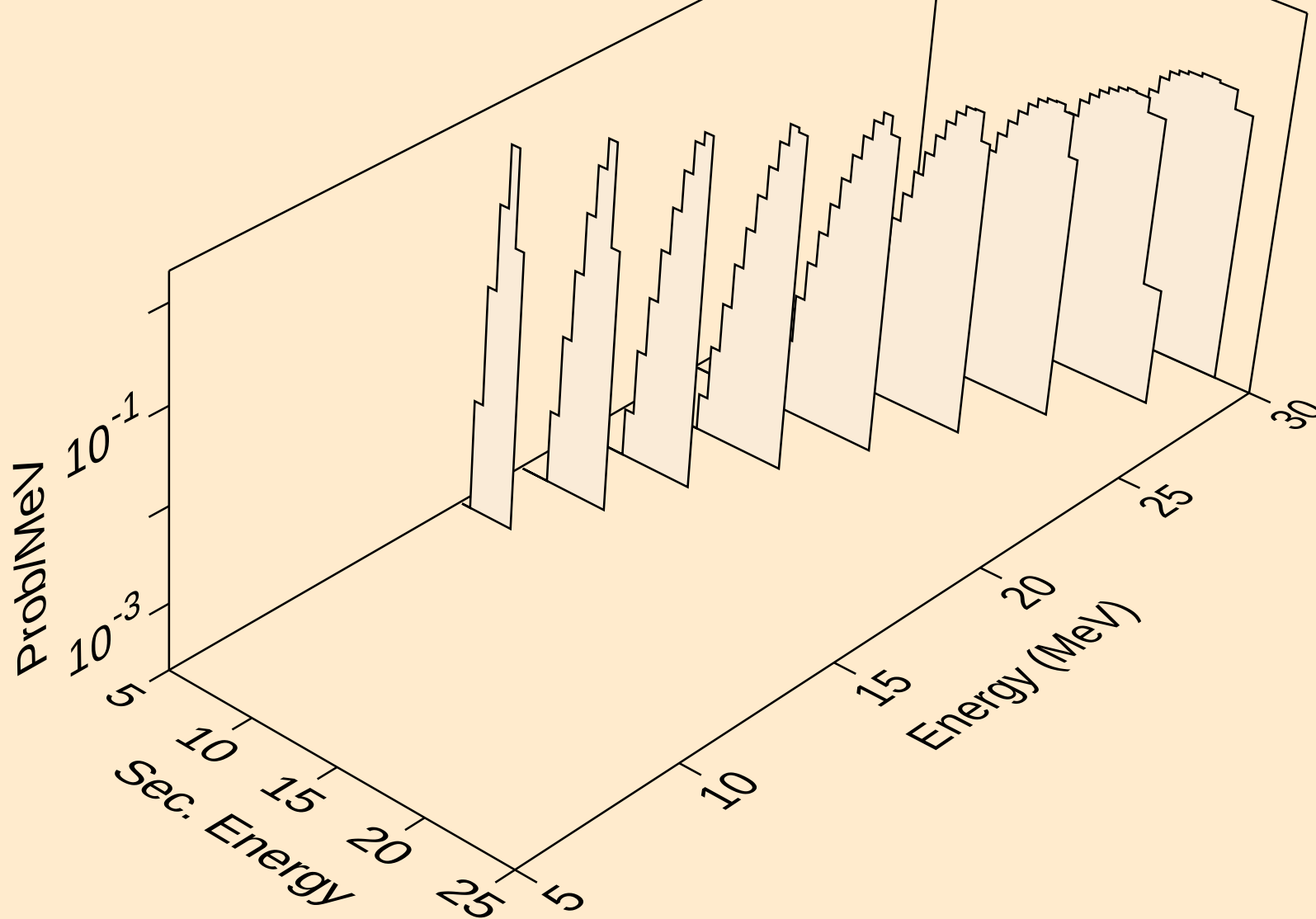
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



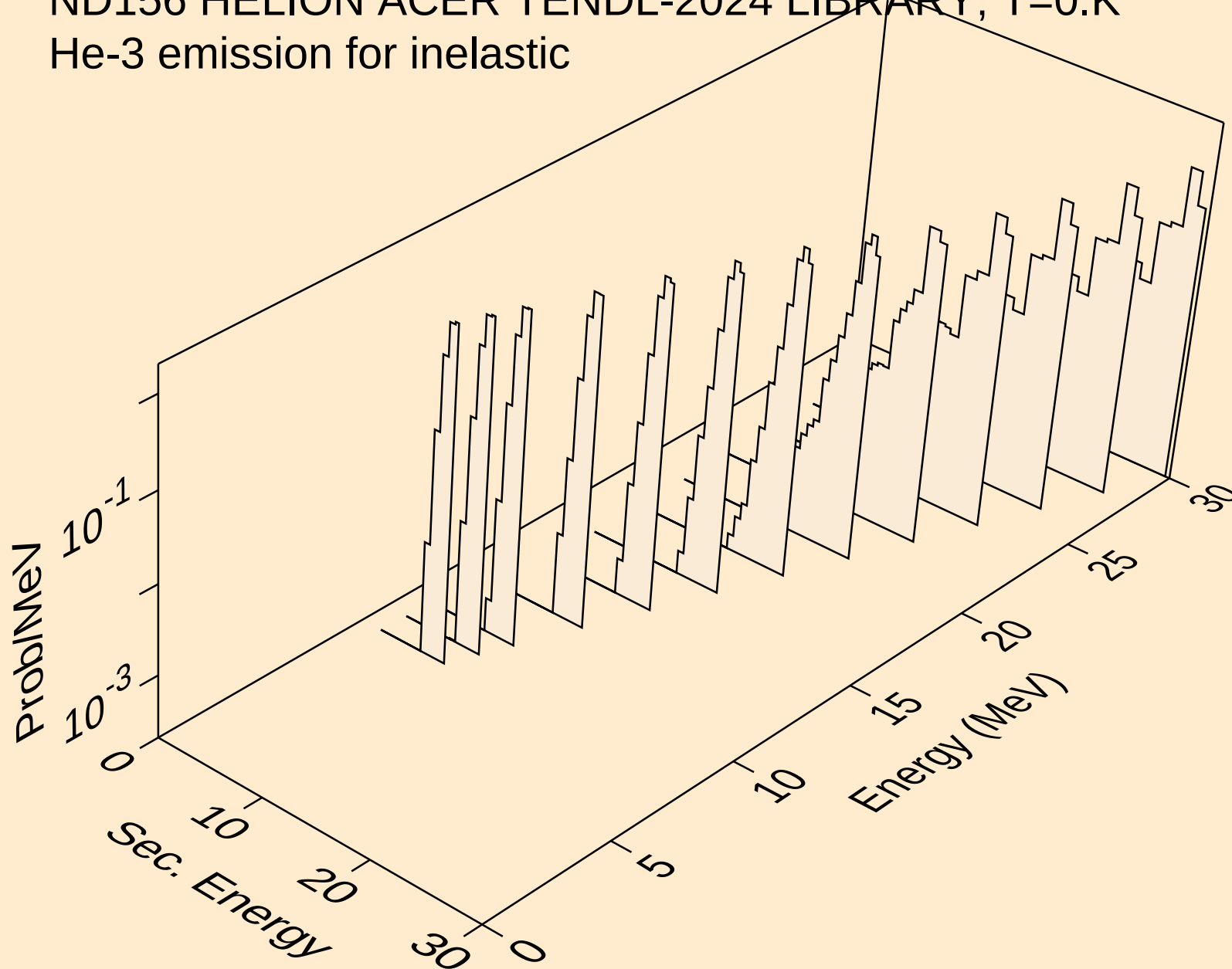
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



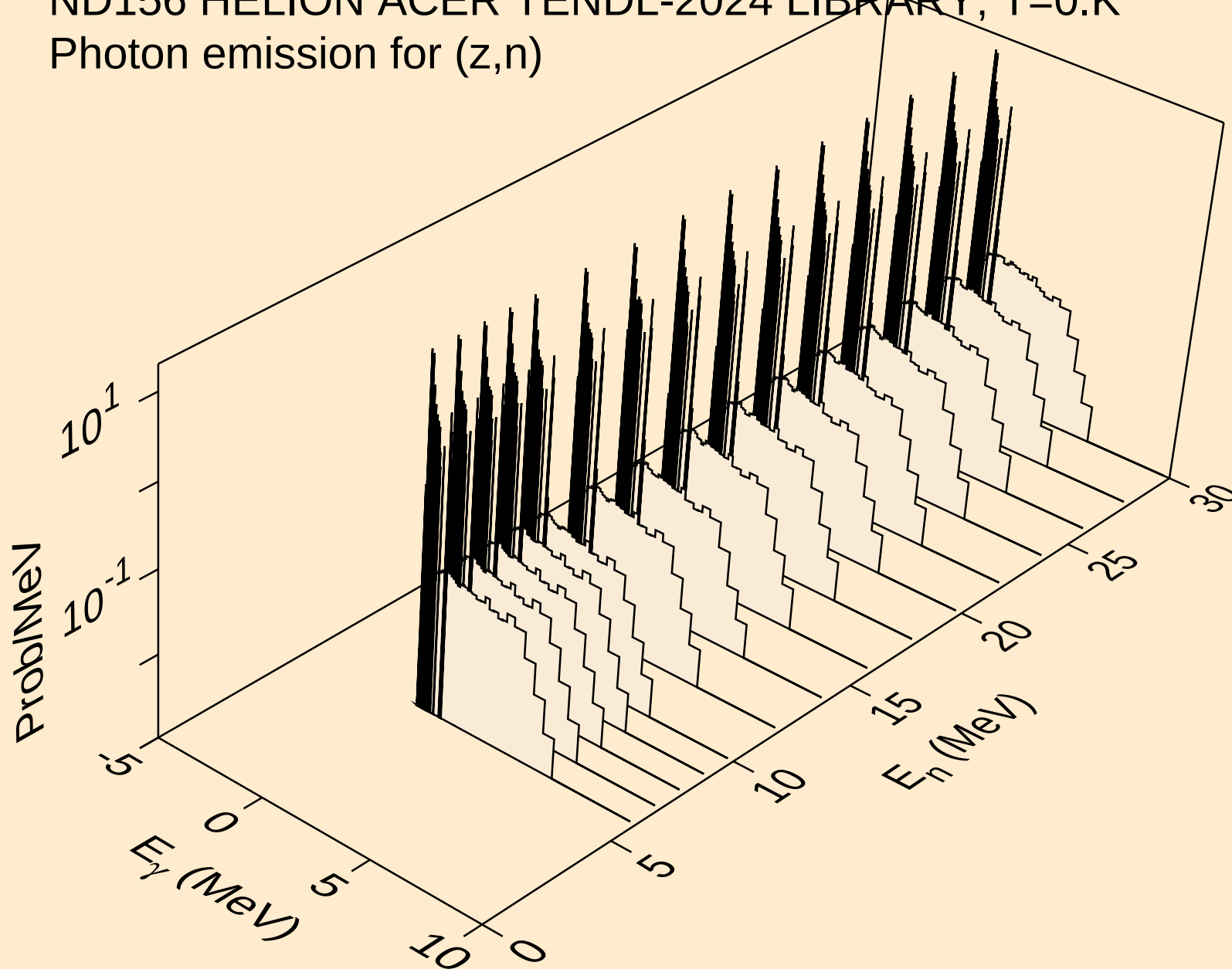
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

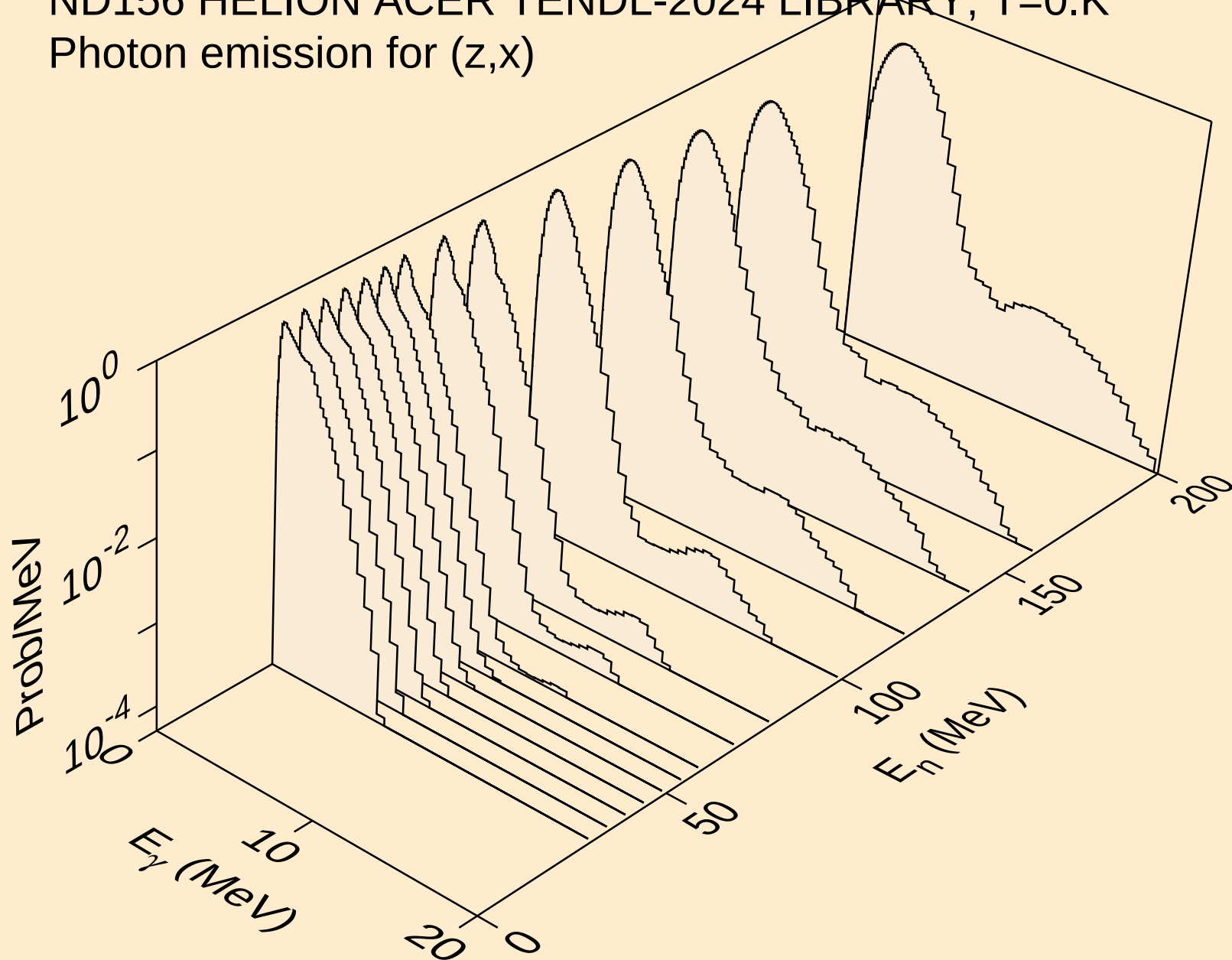


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

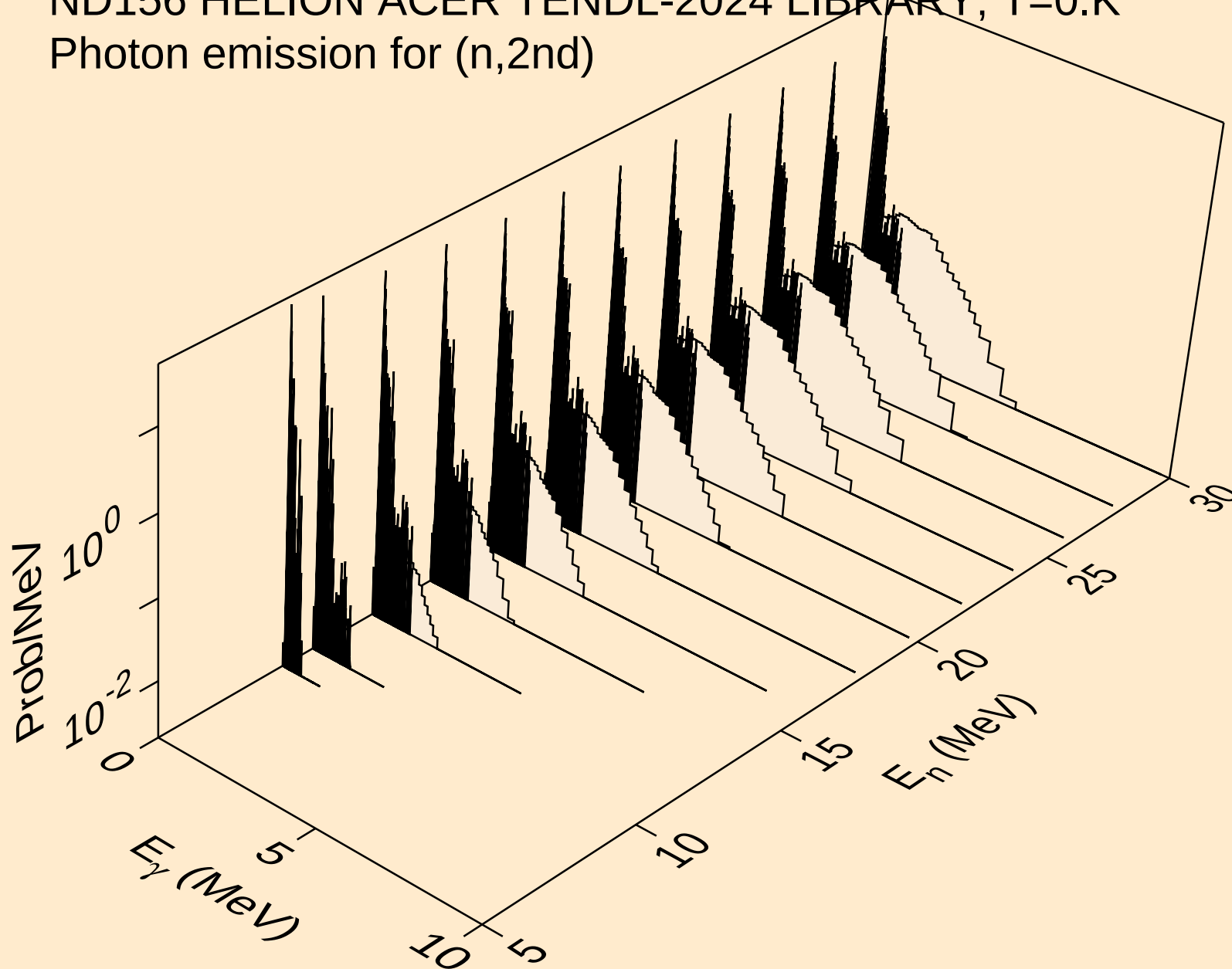


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

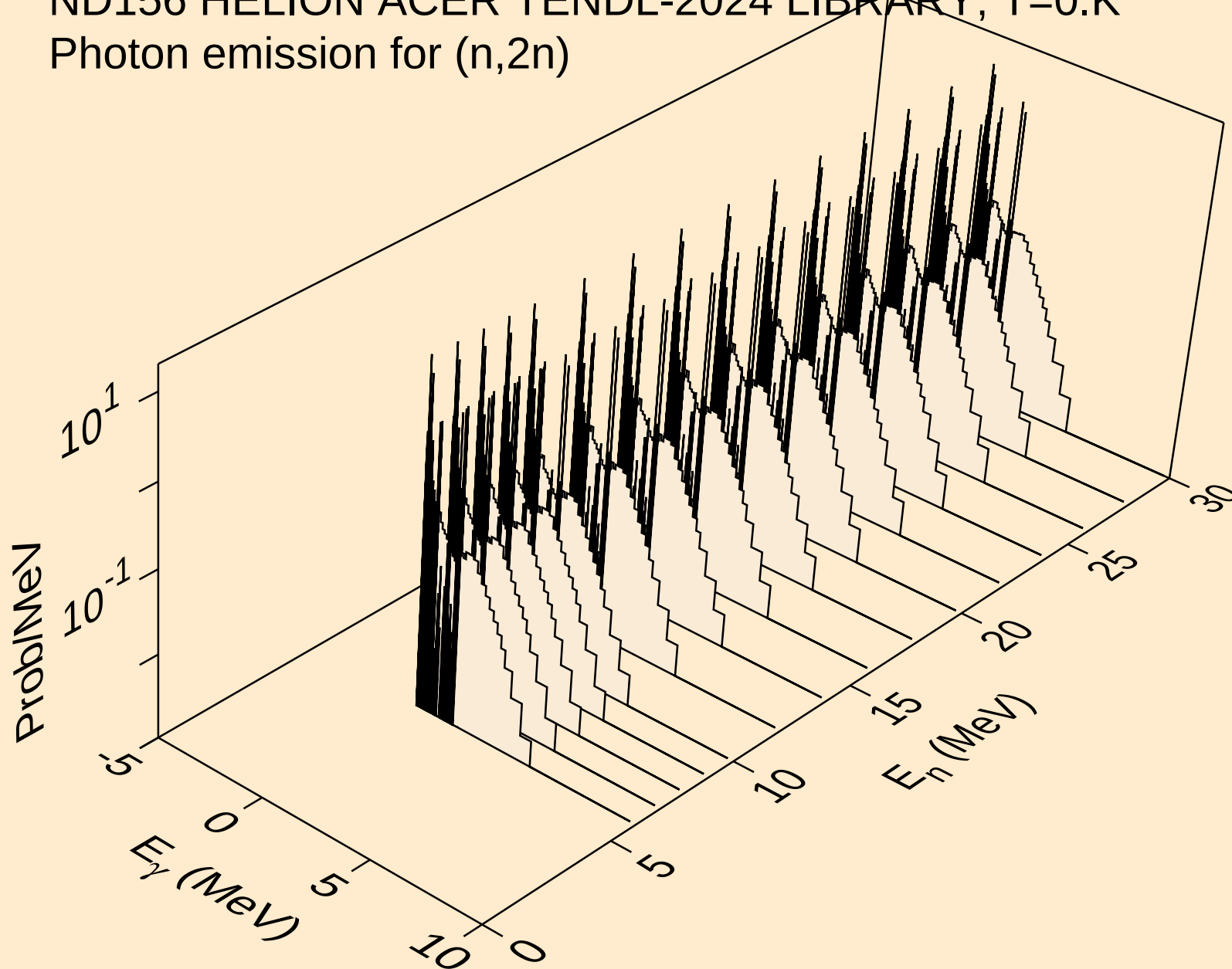
Photon emission for (z,x)



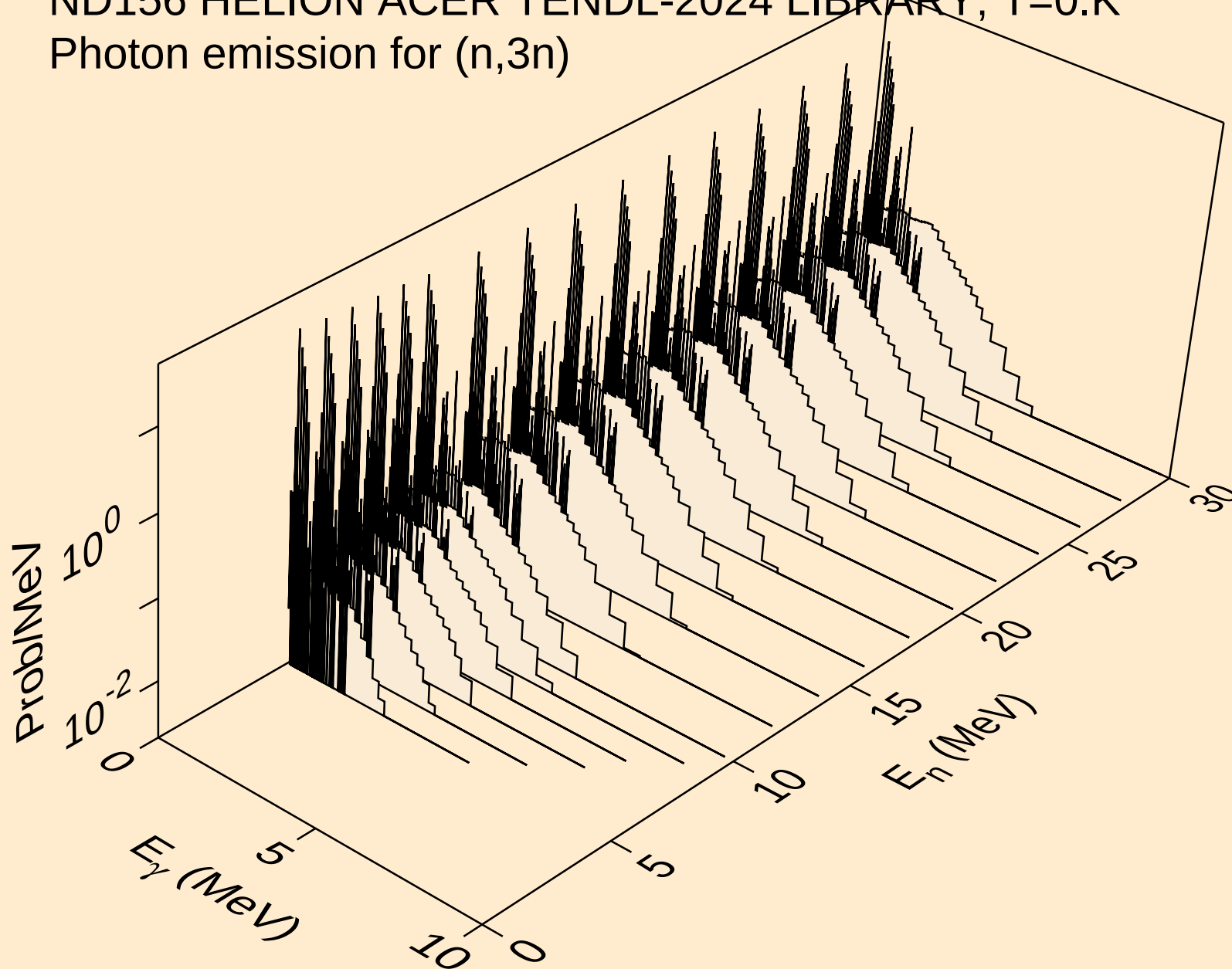
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



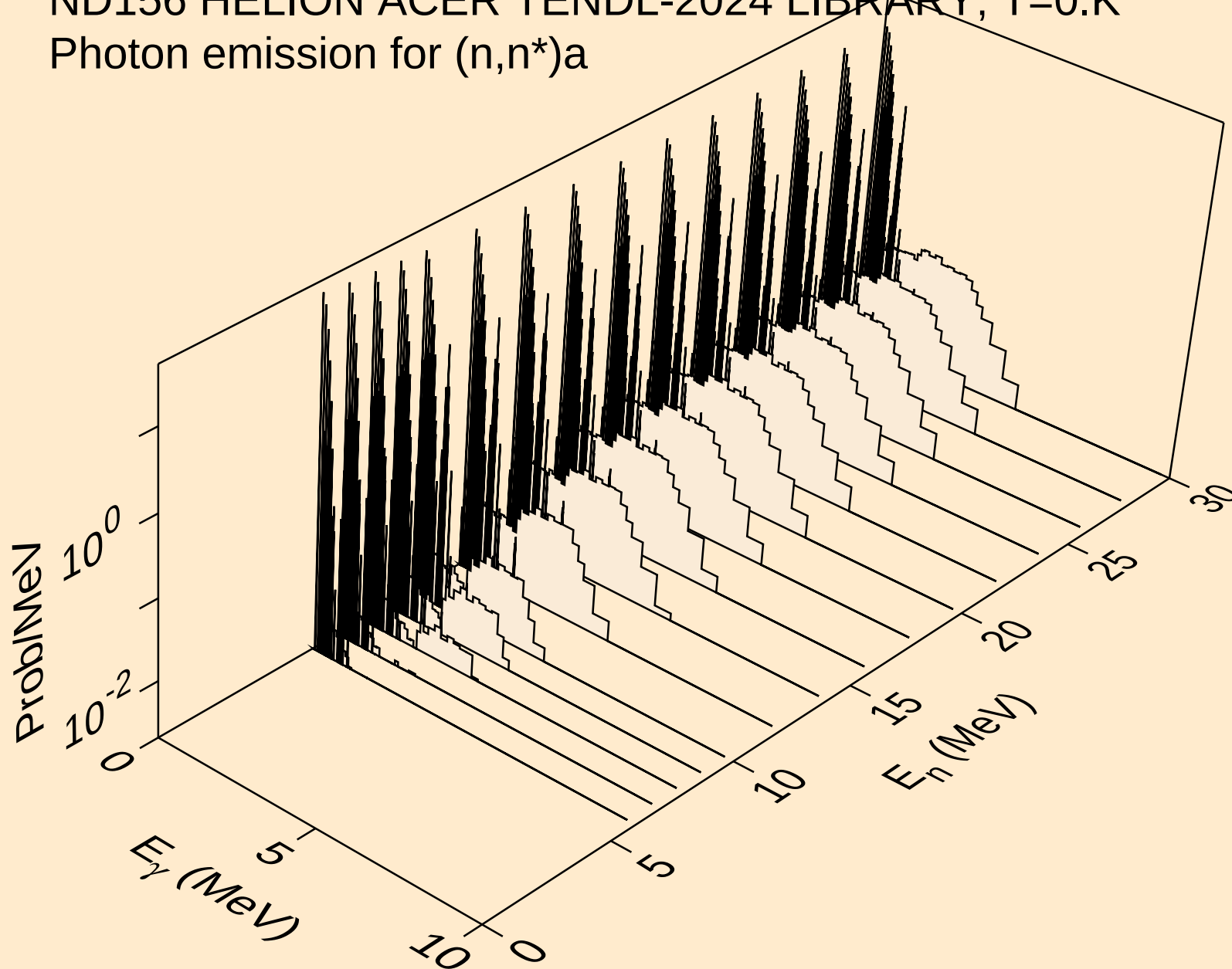
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



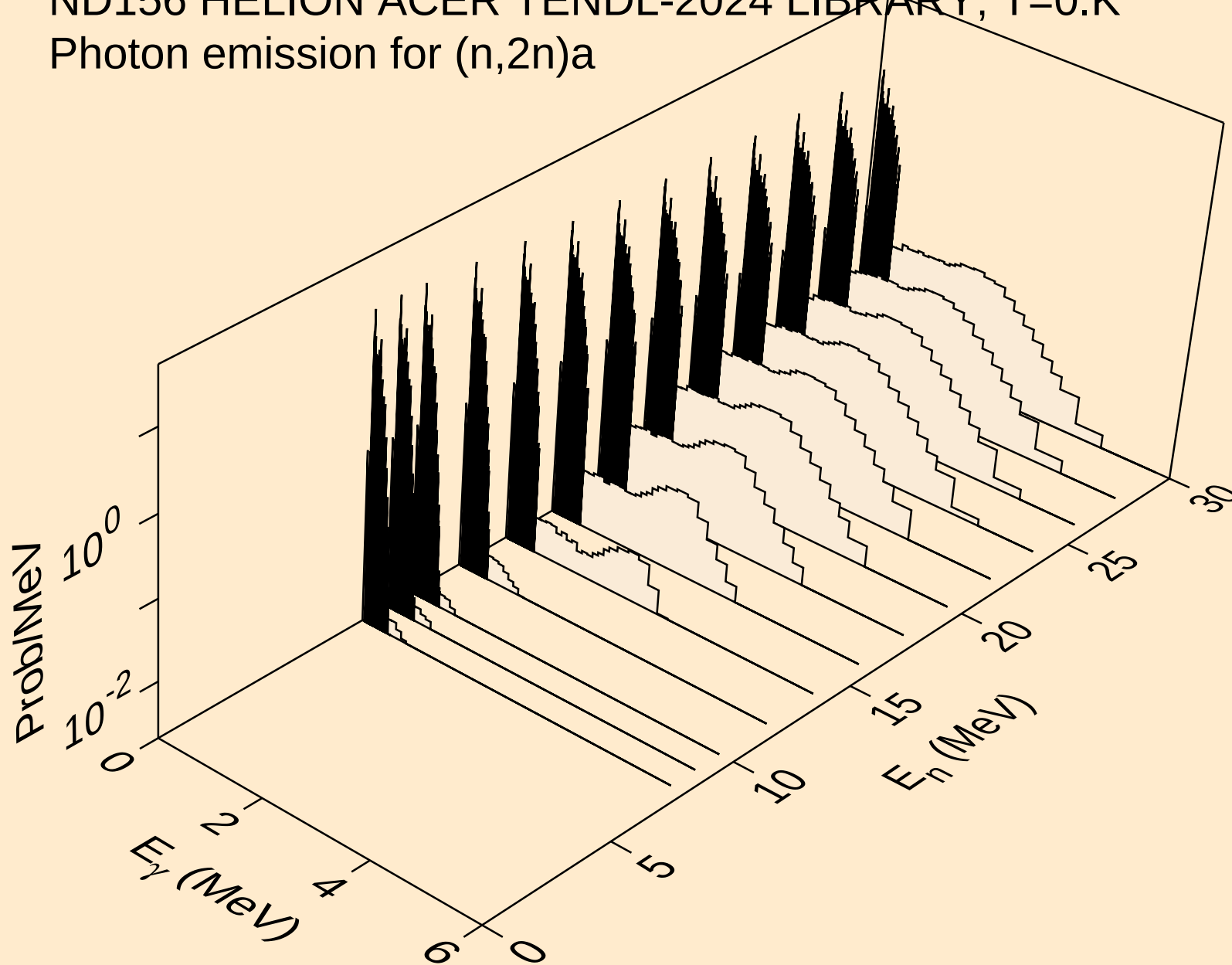
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

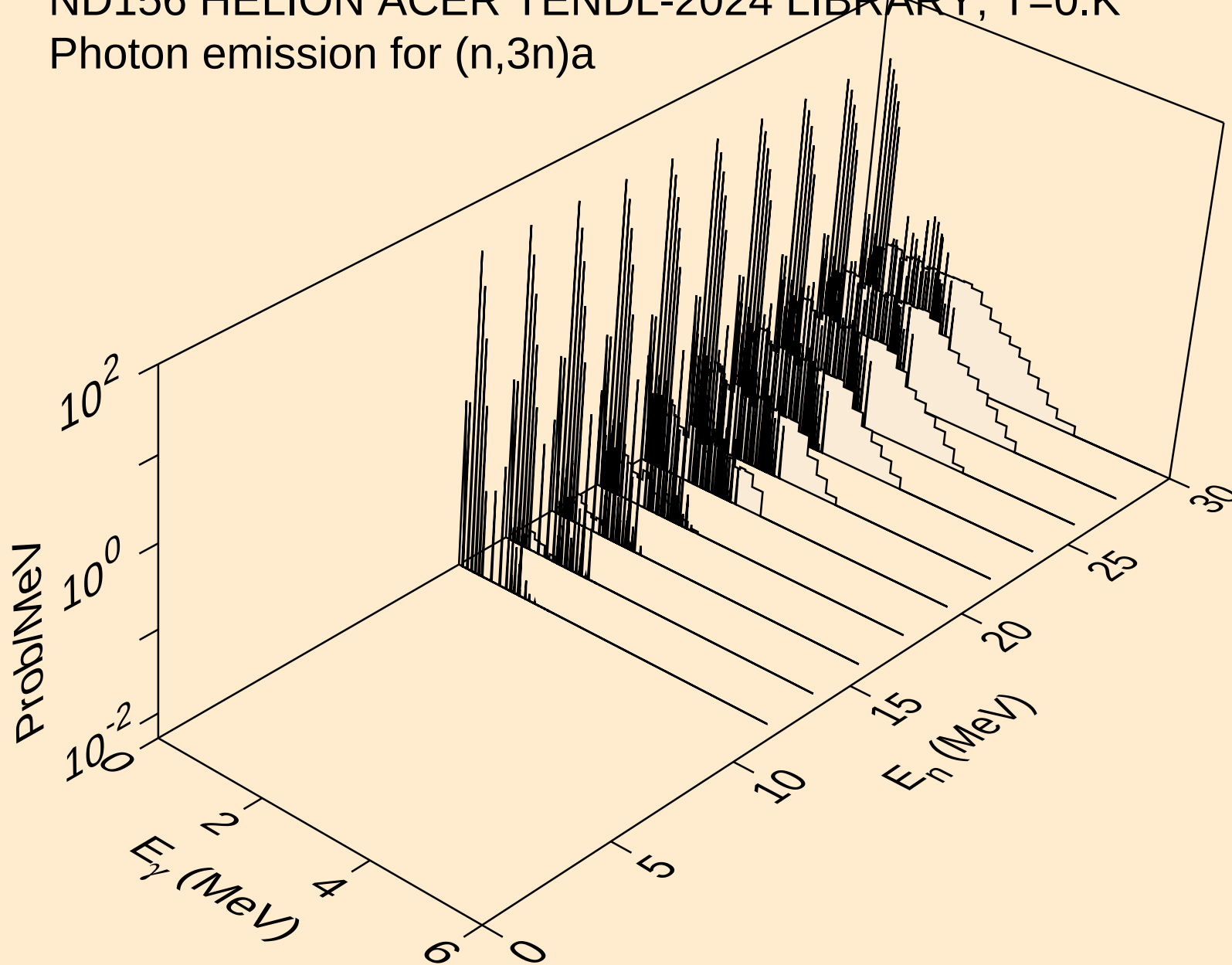


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



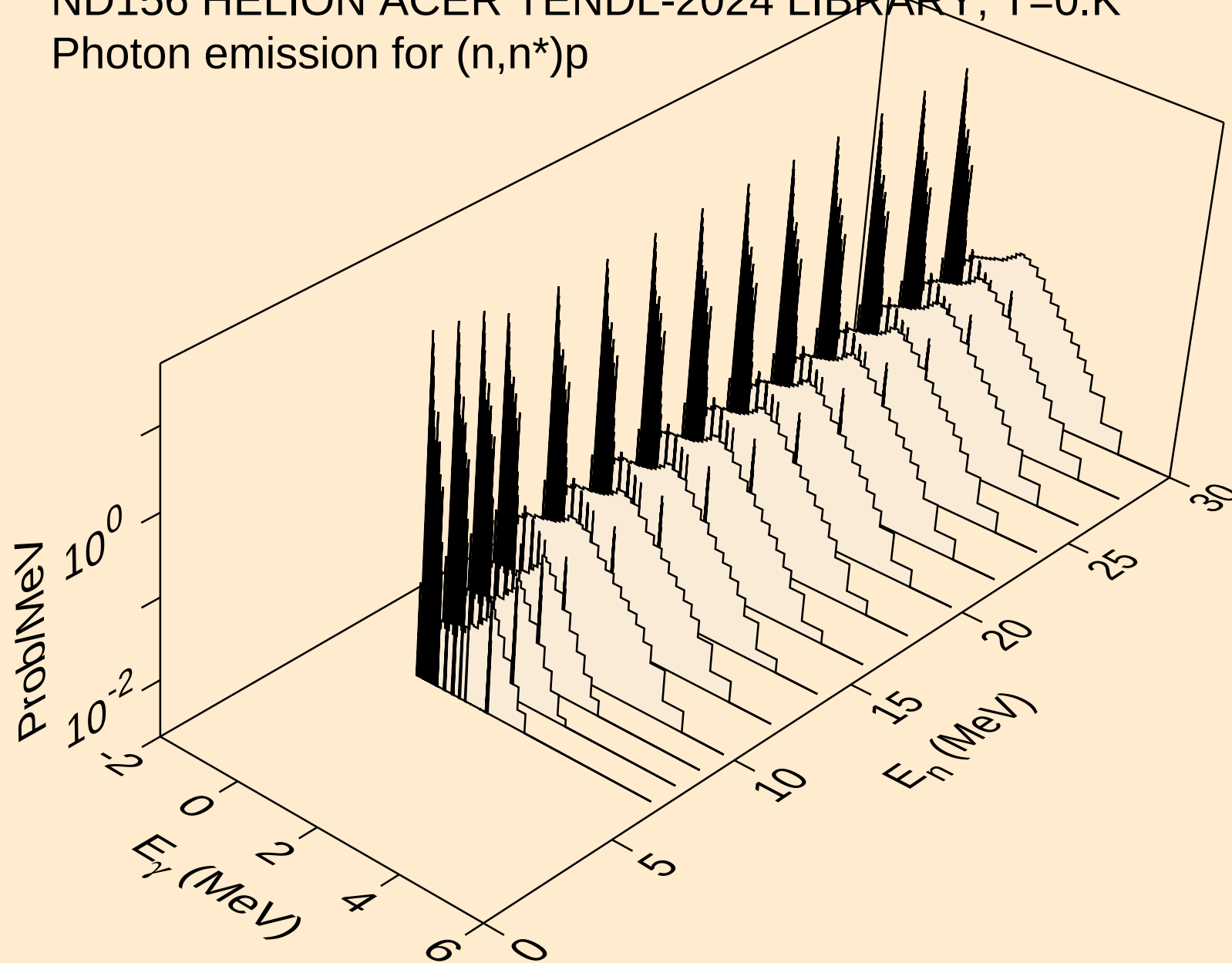
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



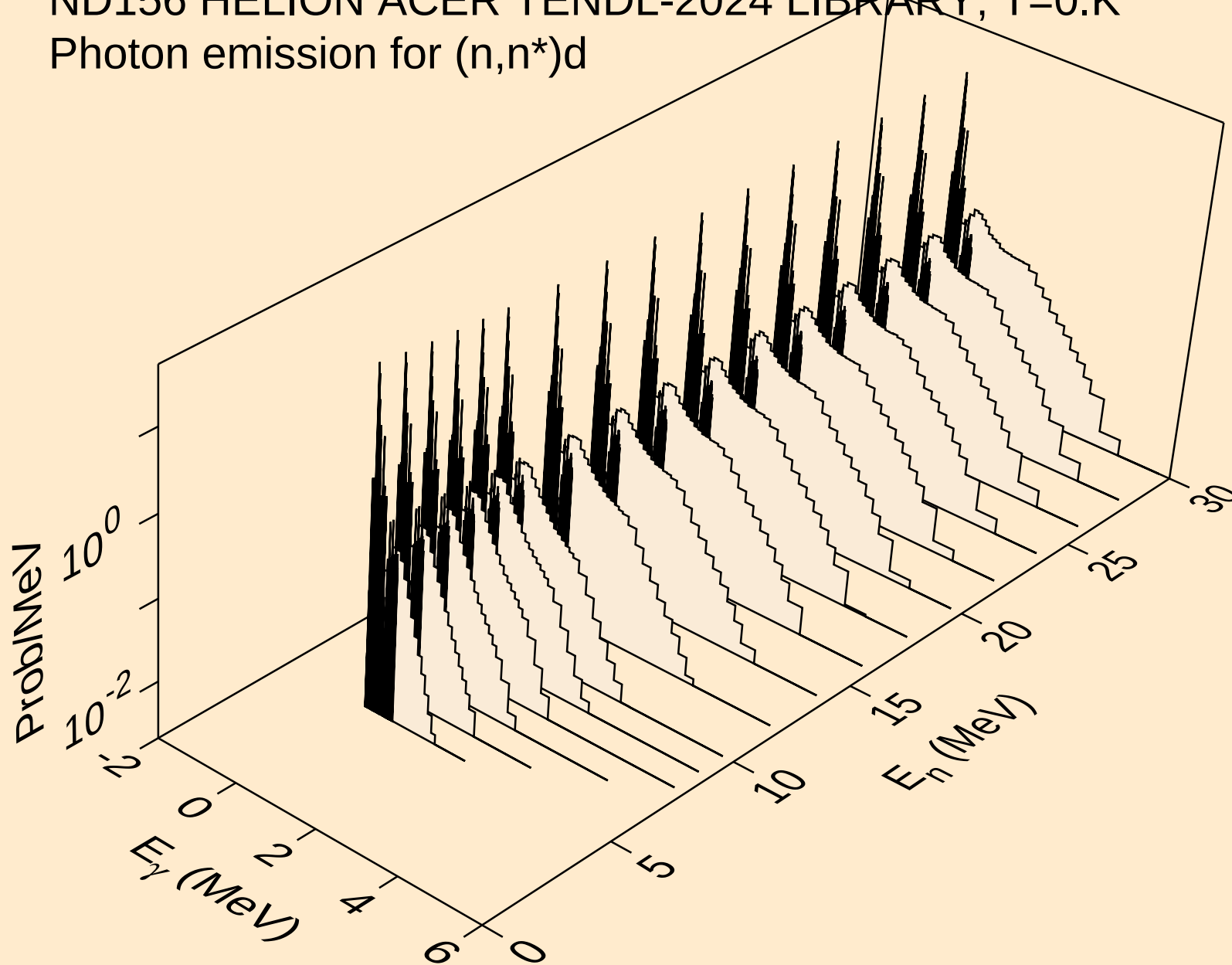
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p

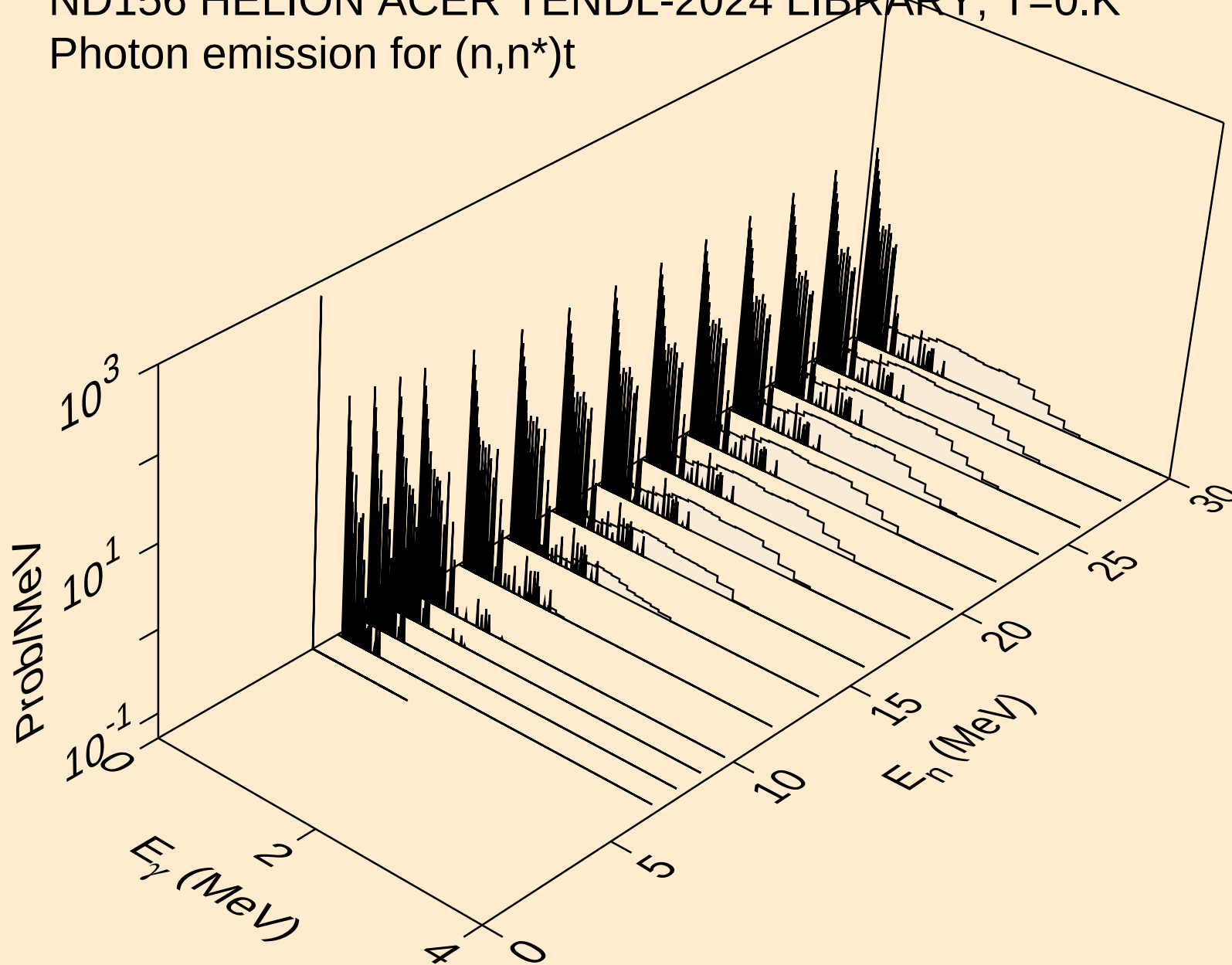


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

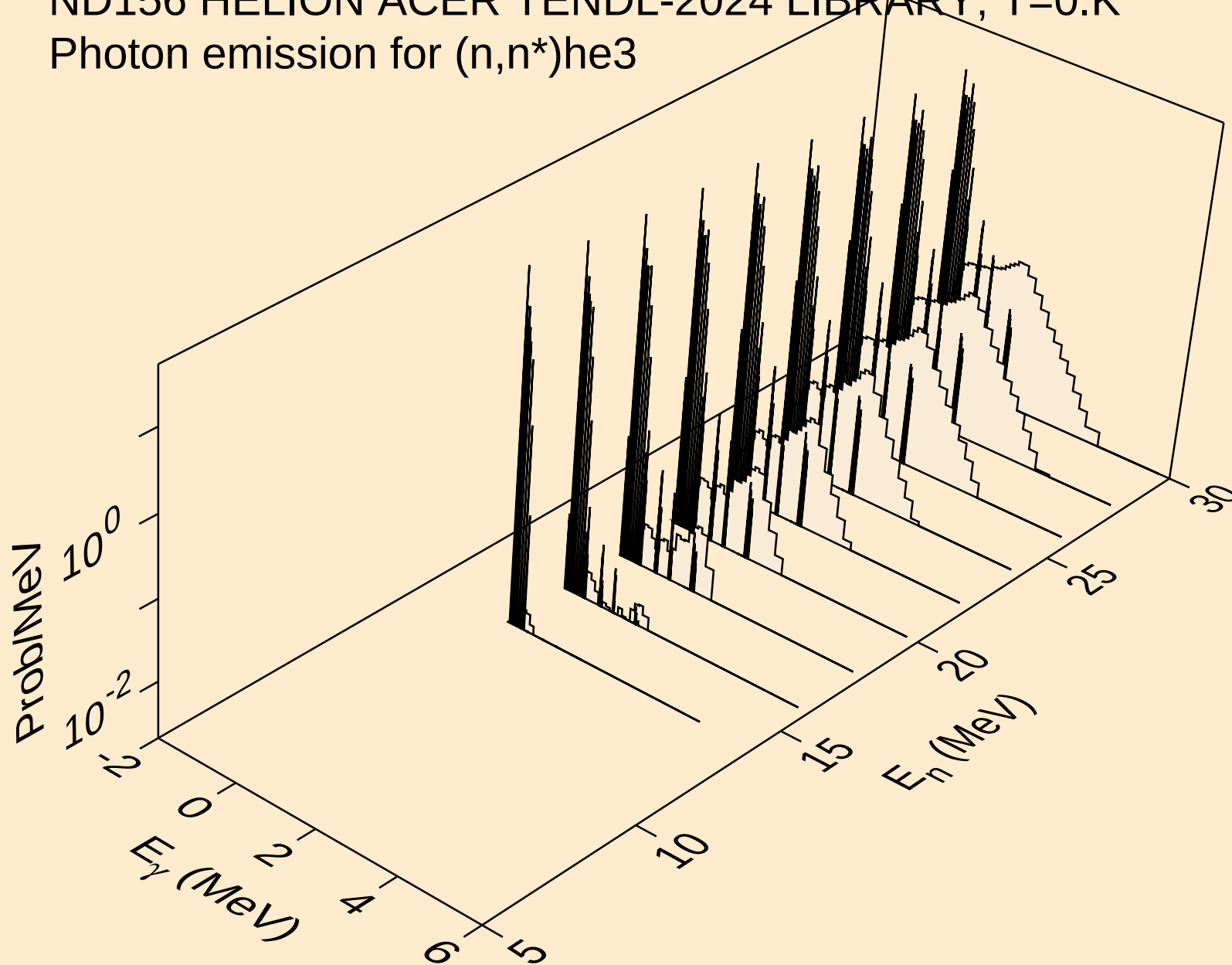
Photon emission for (n,n\*)d



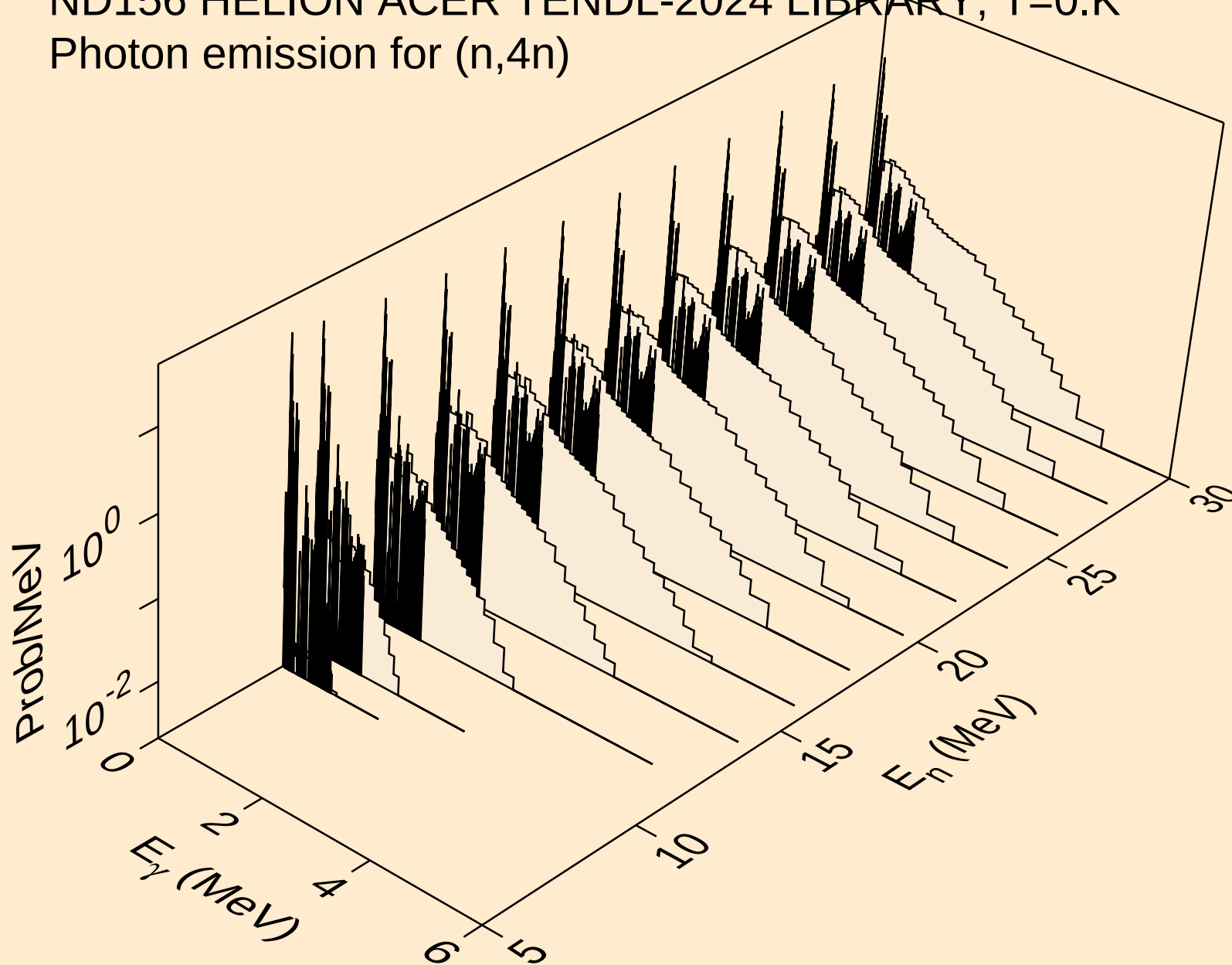
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



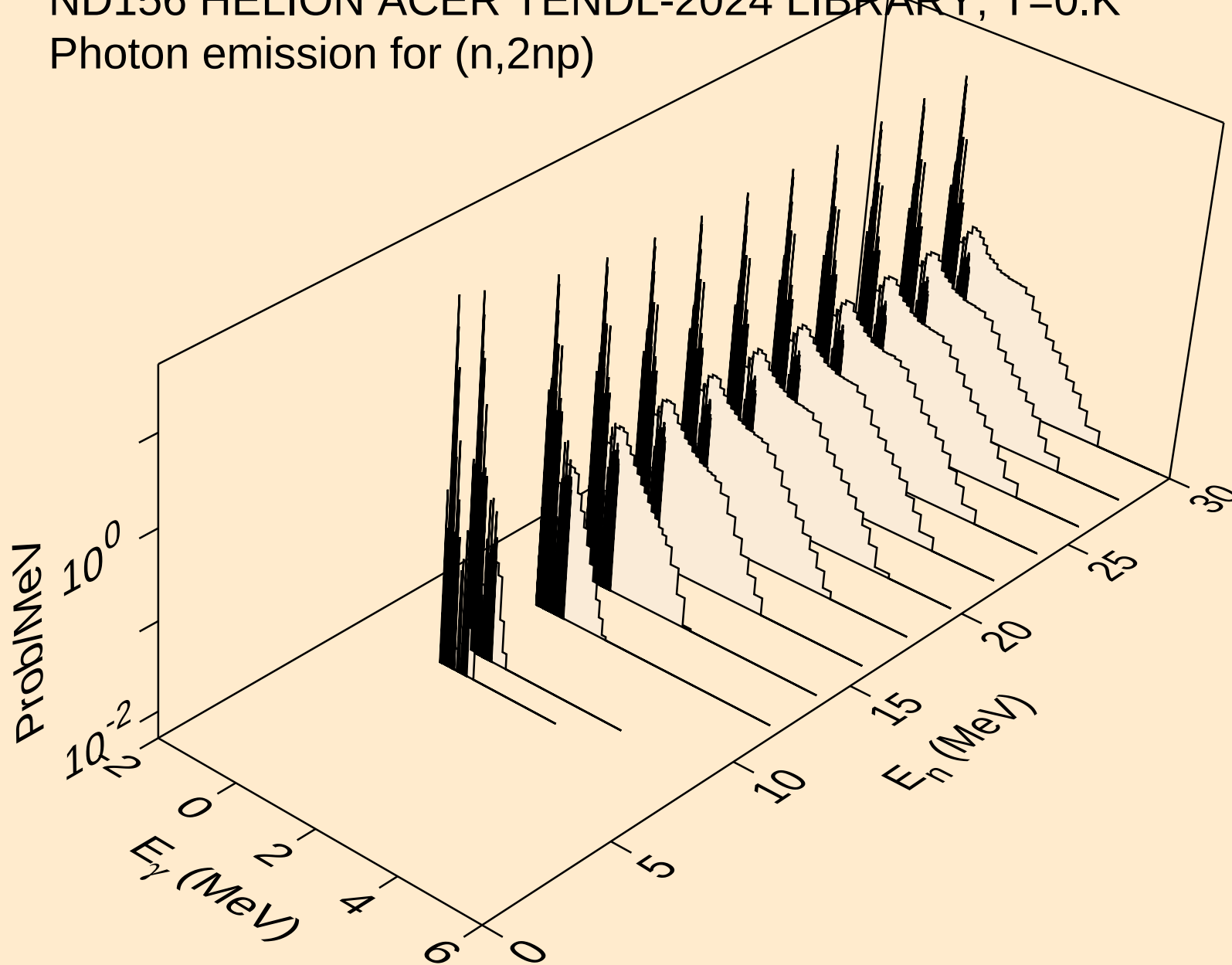
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



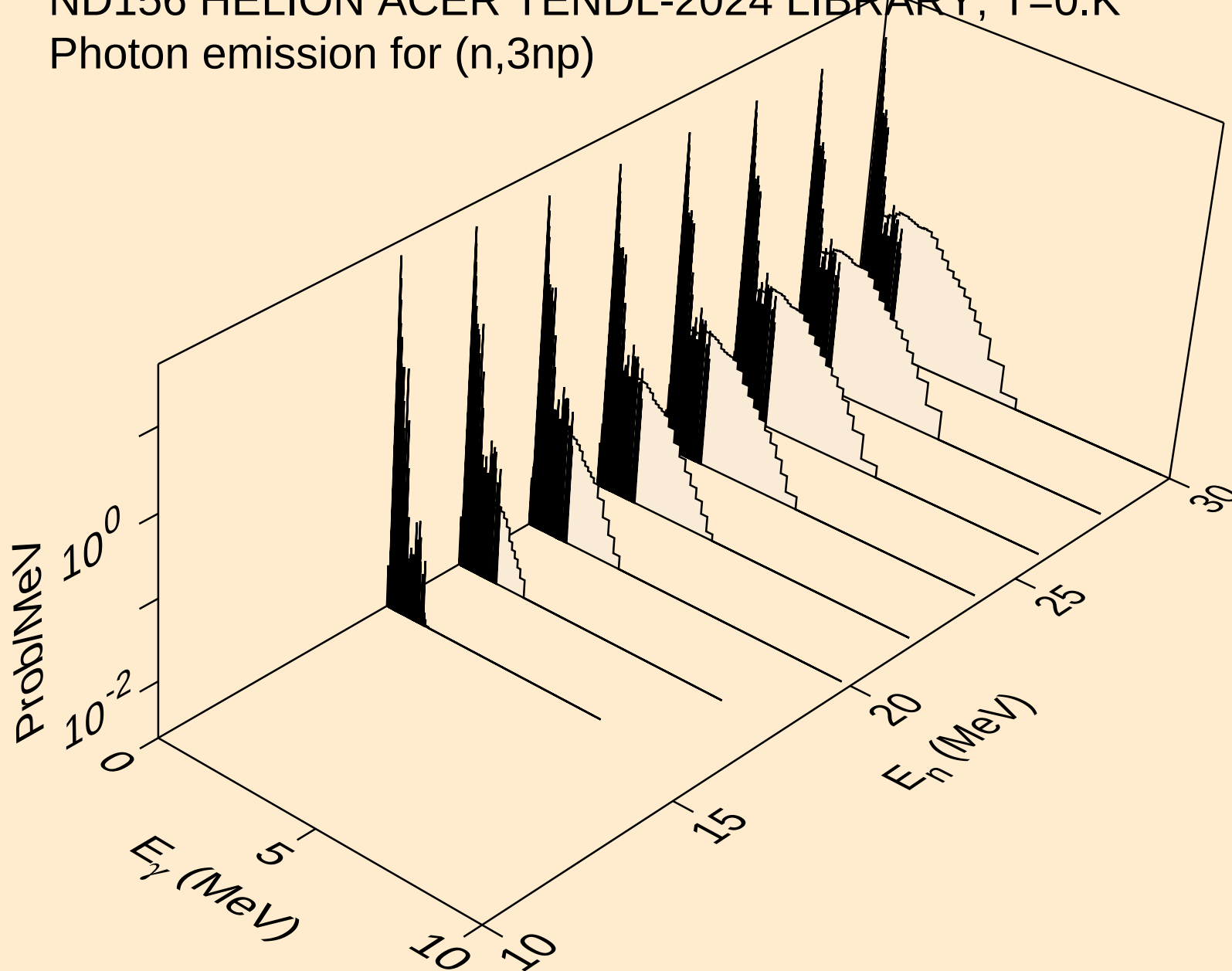
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



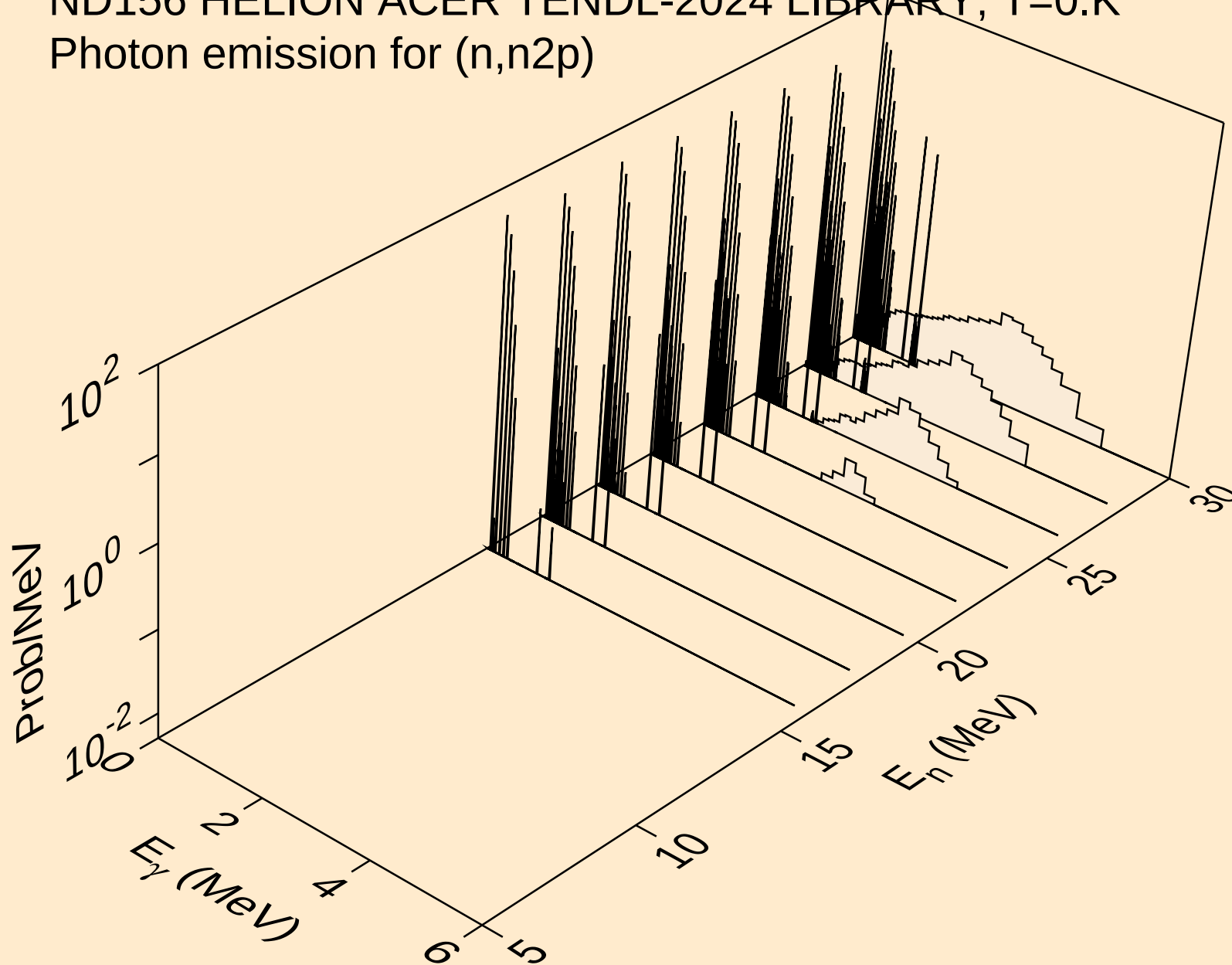
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



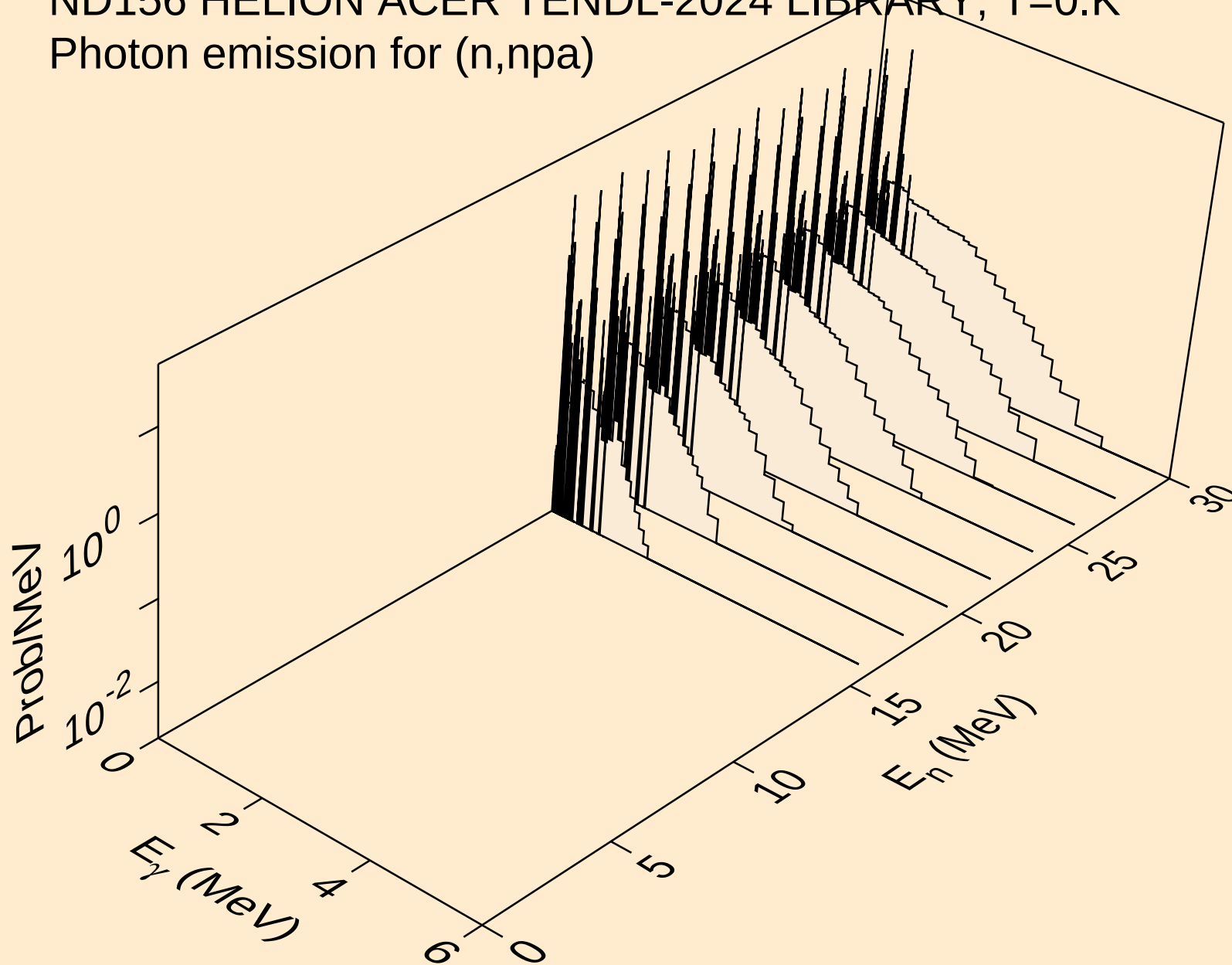
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



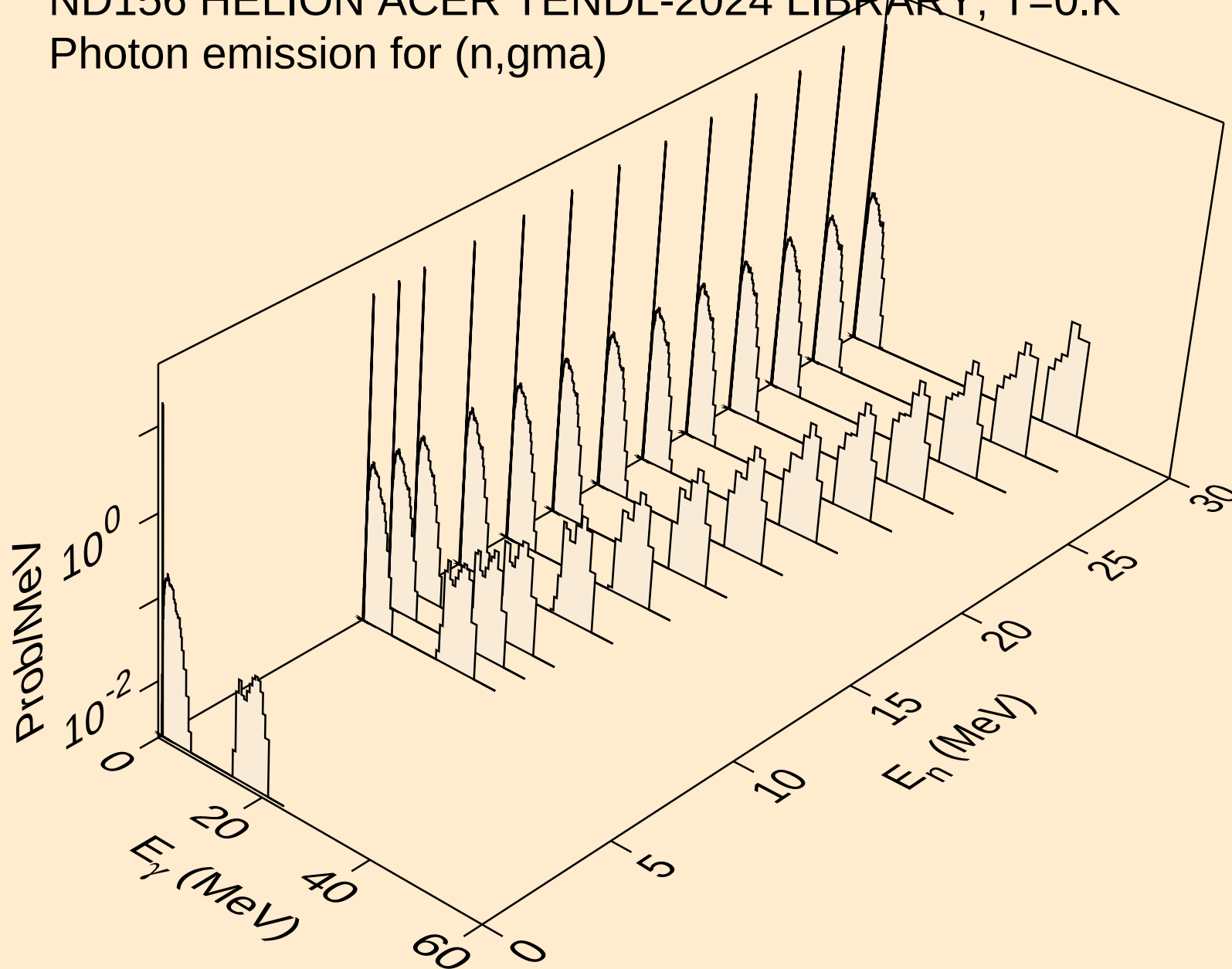
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



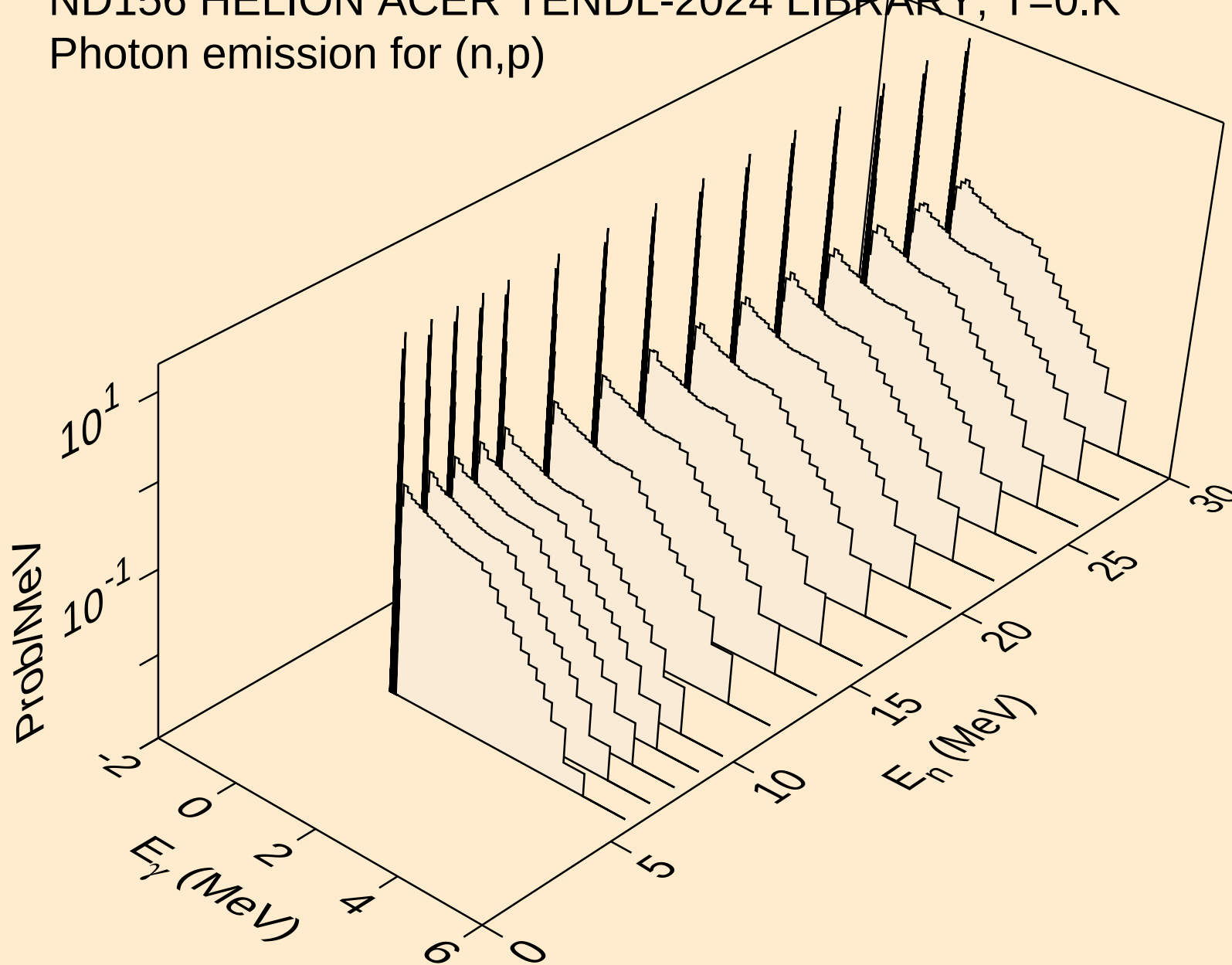
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



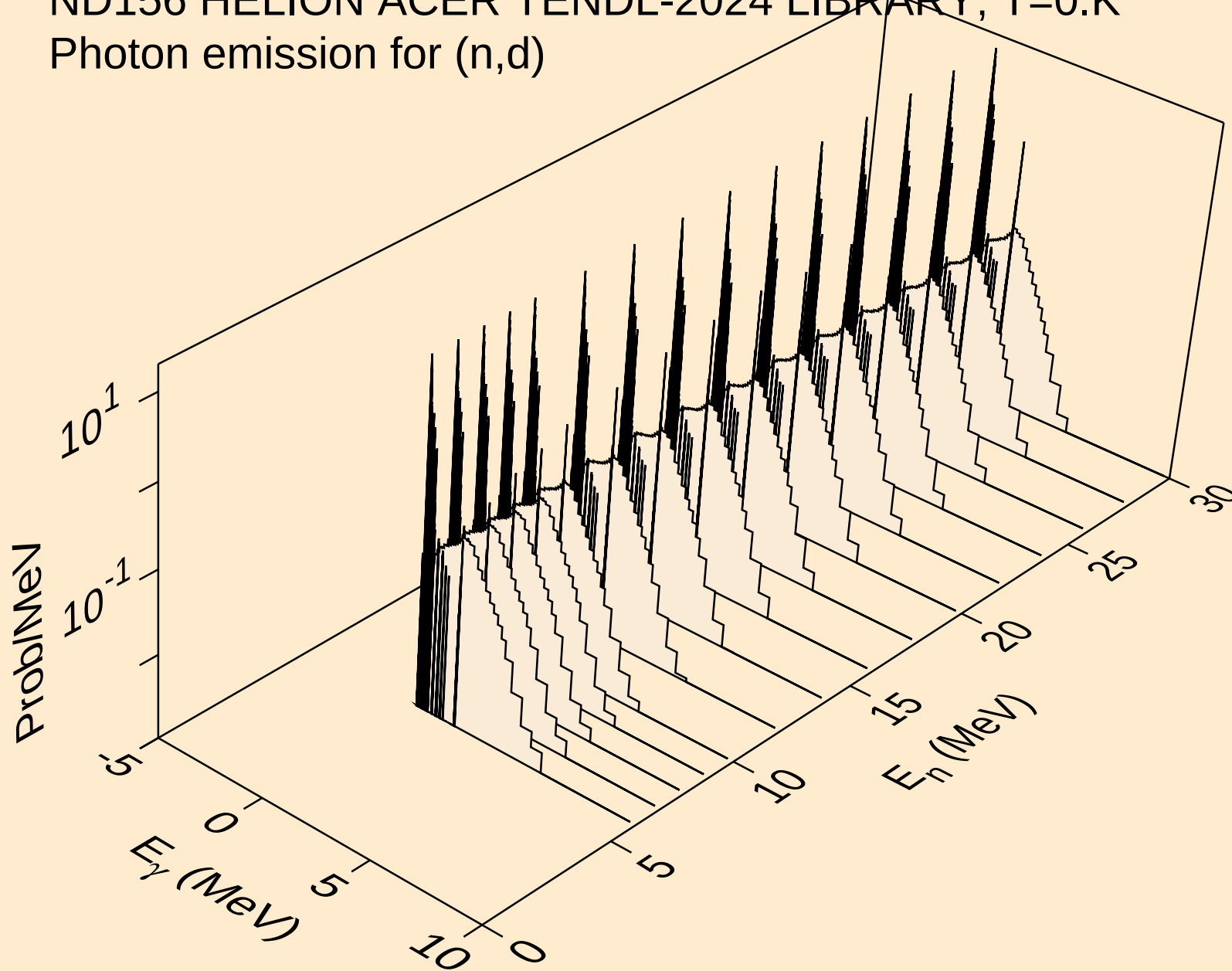
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



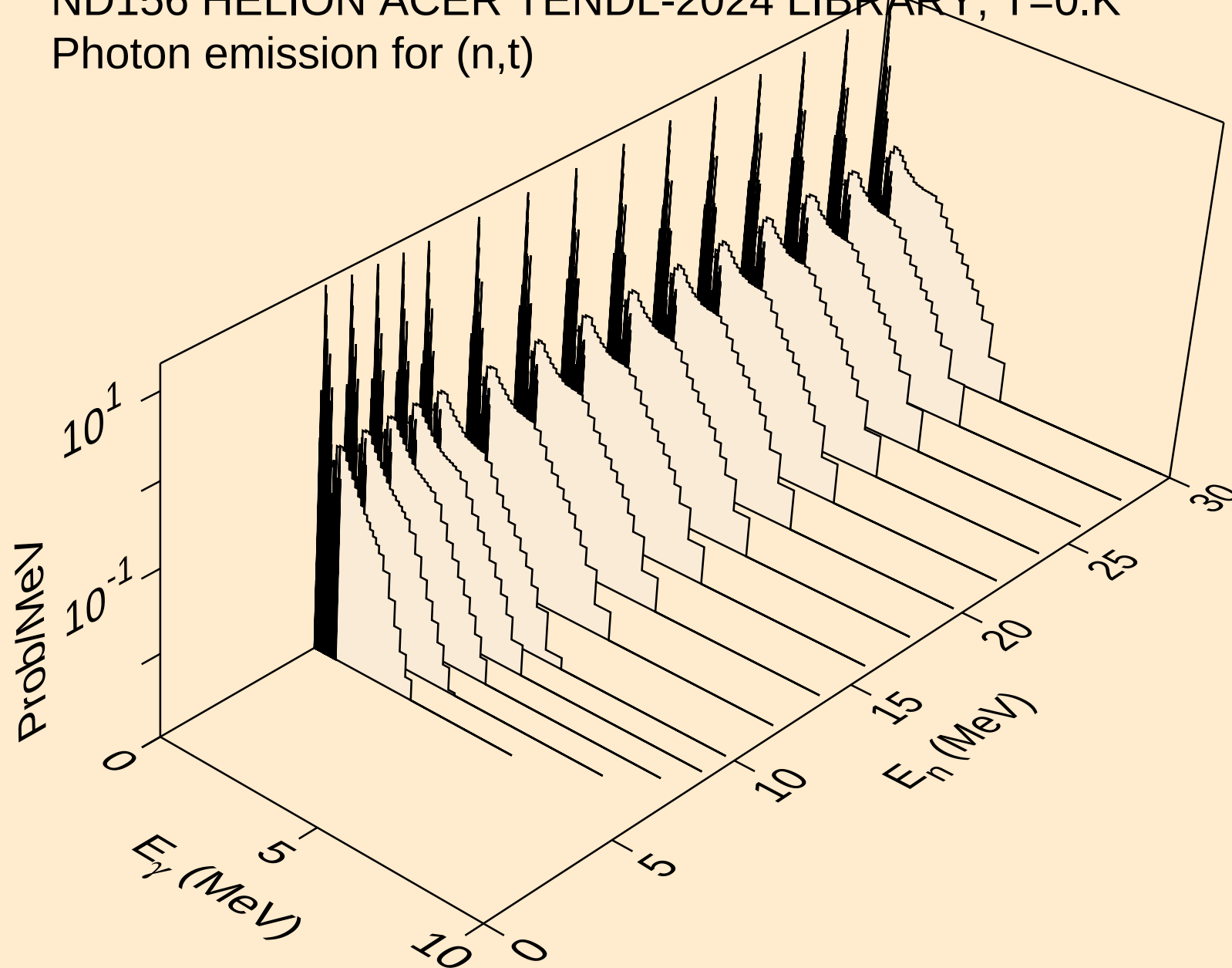
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



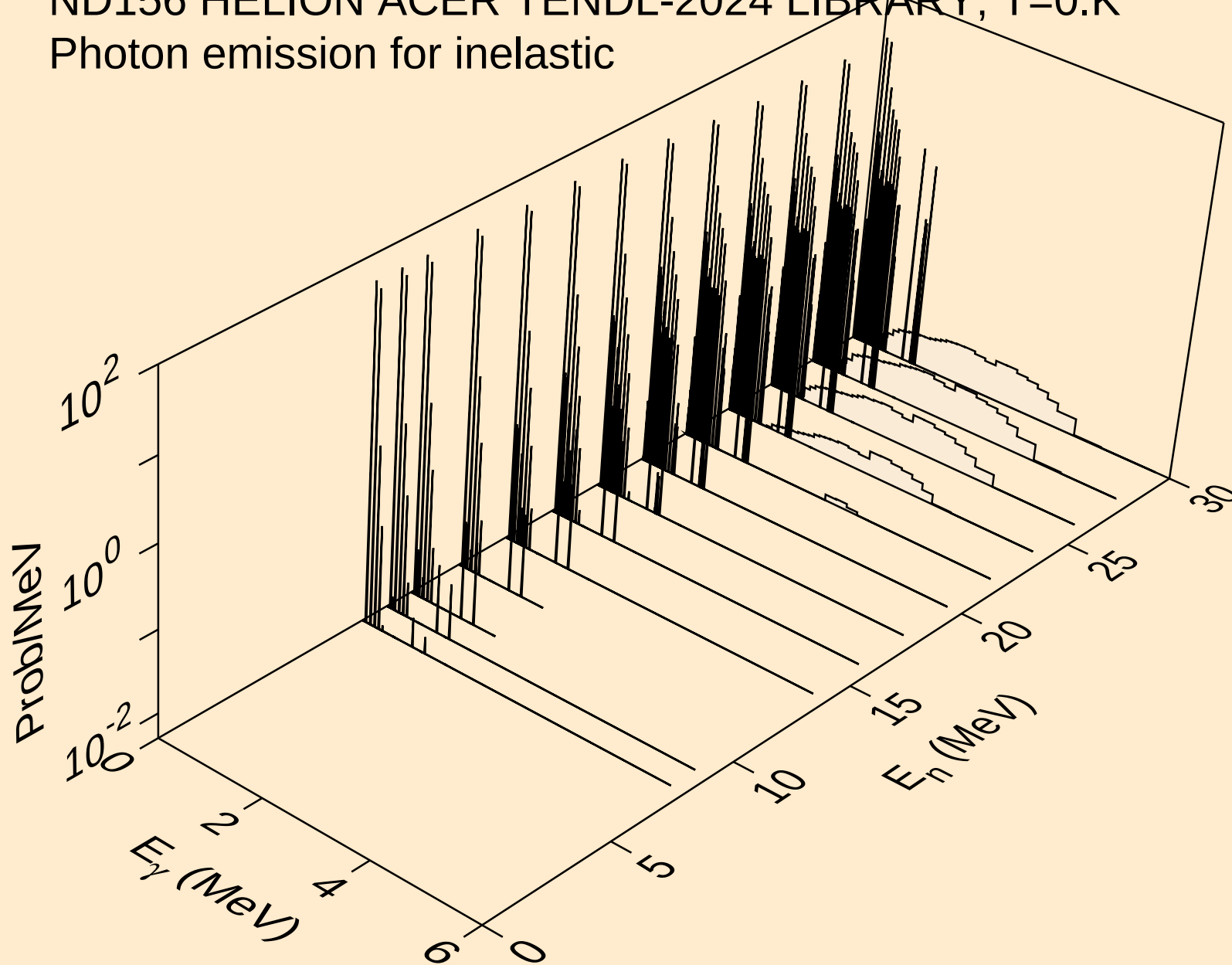
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



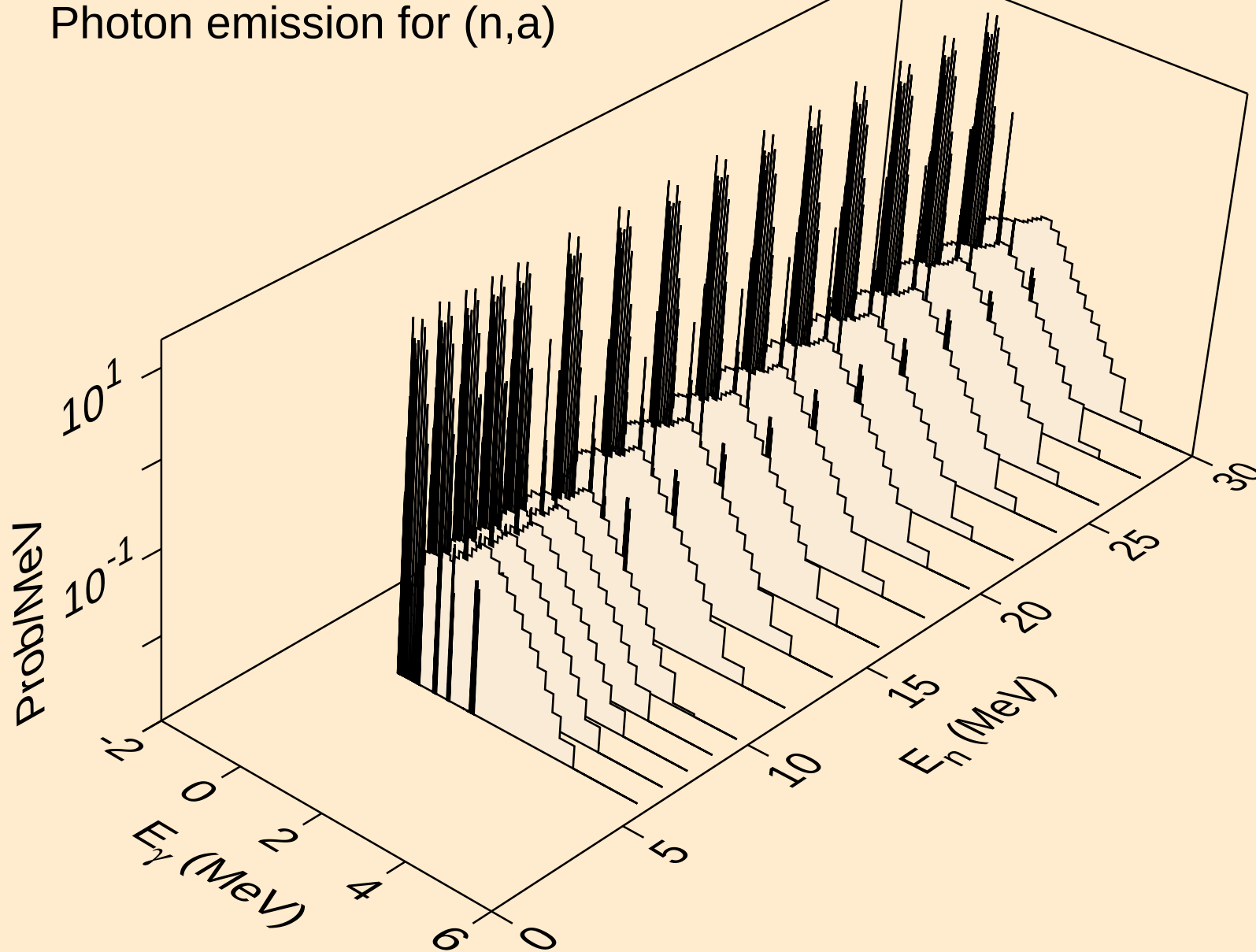
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



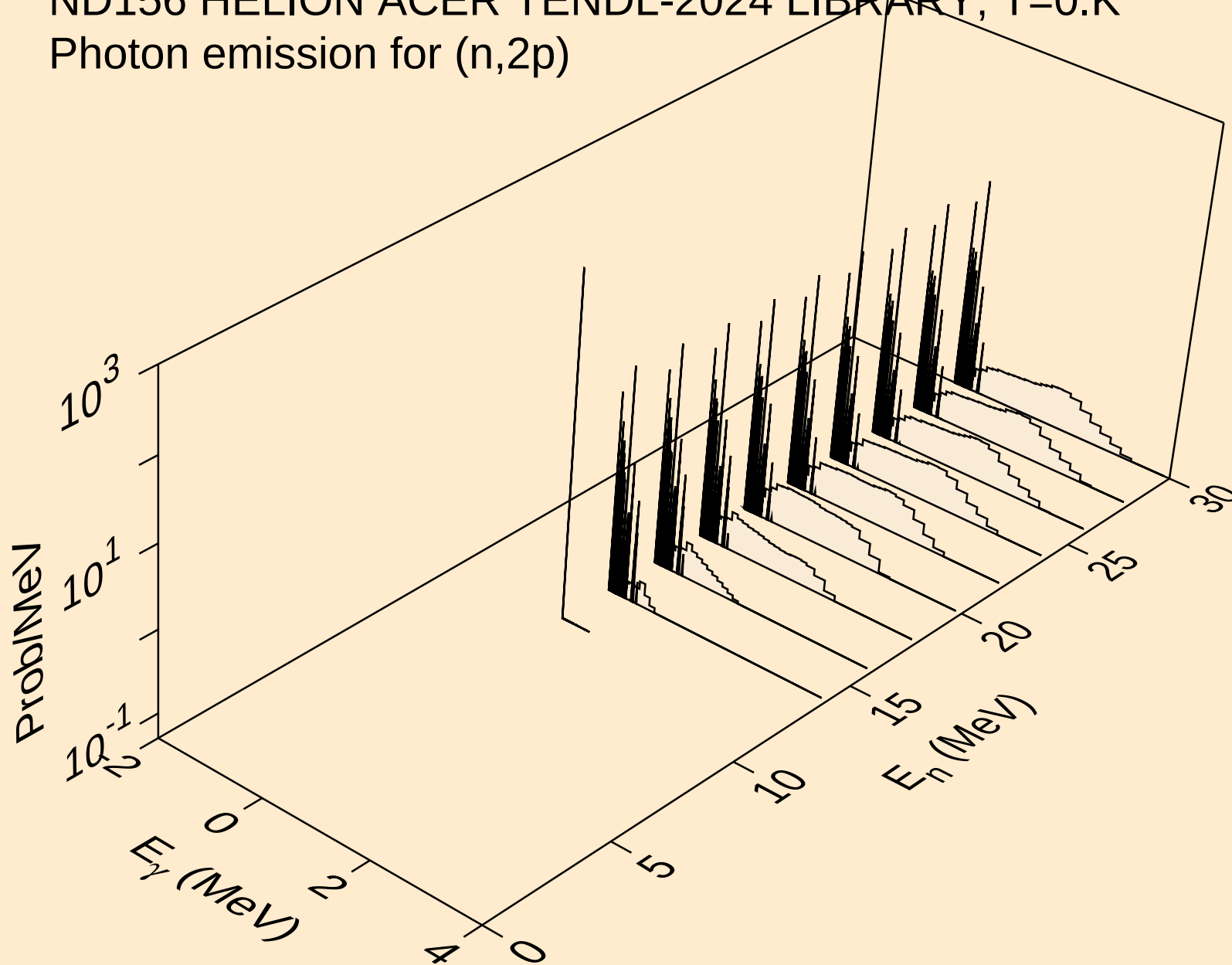
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



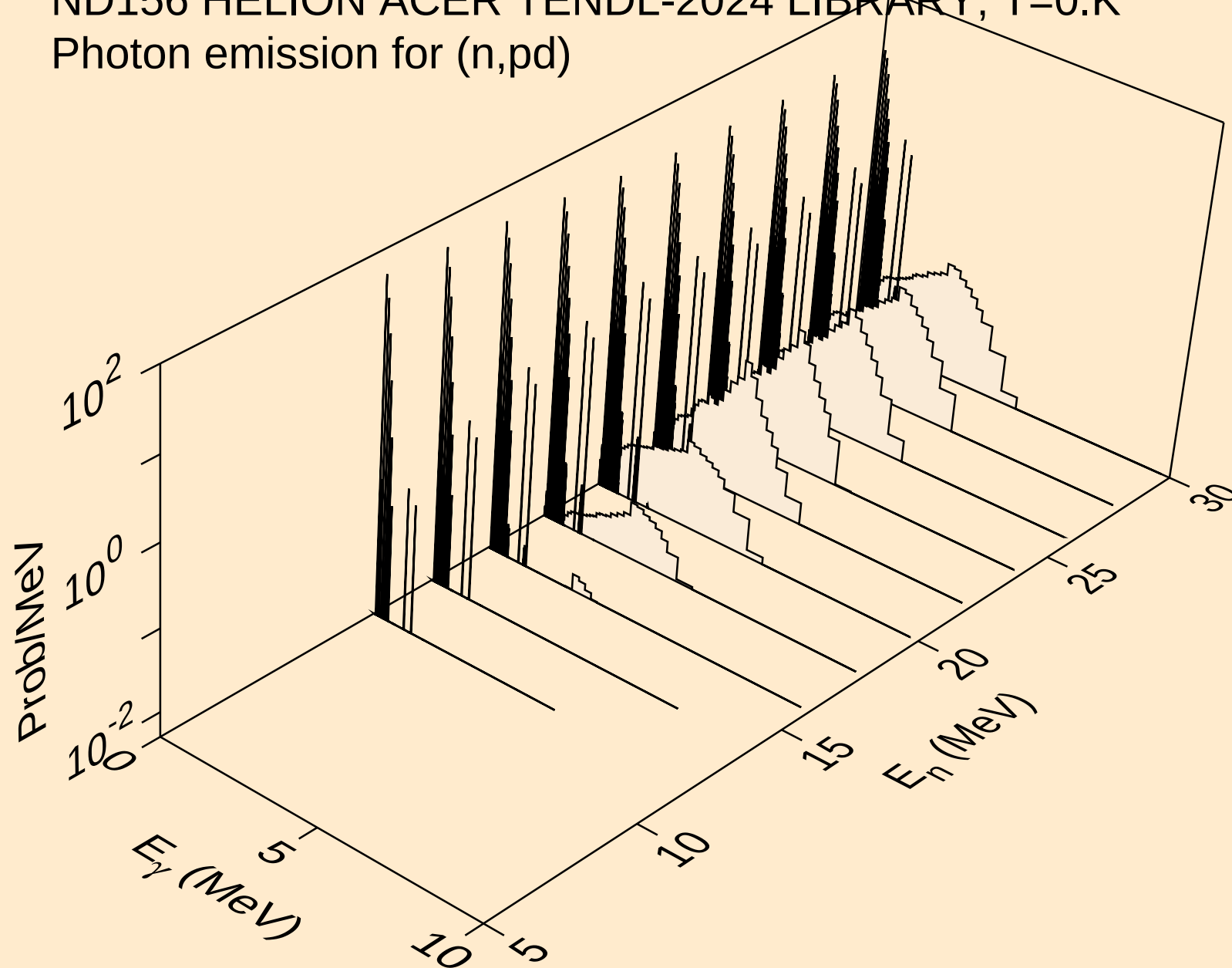
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



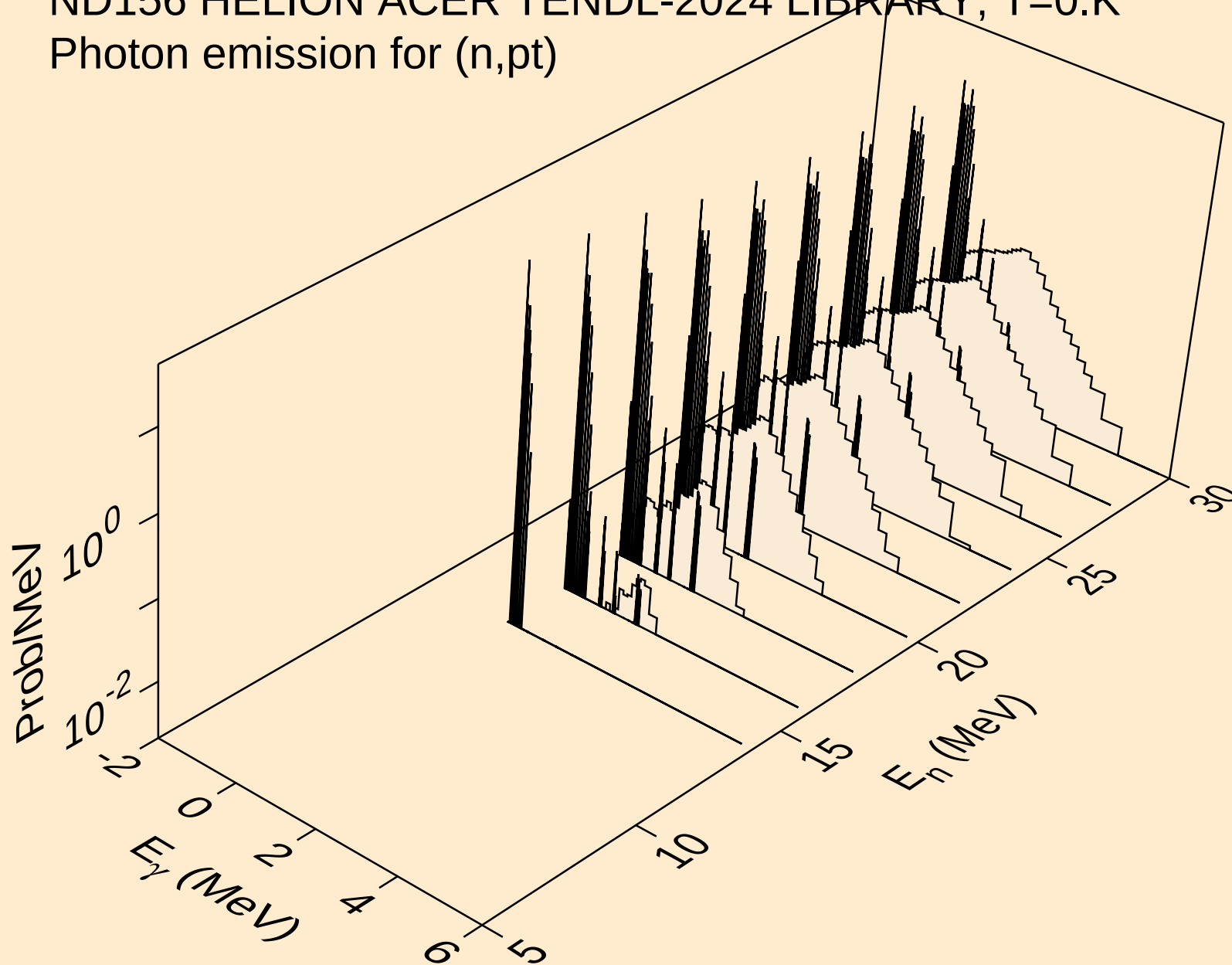
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

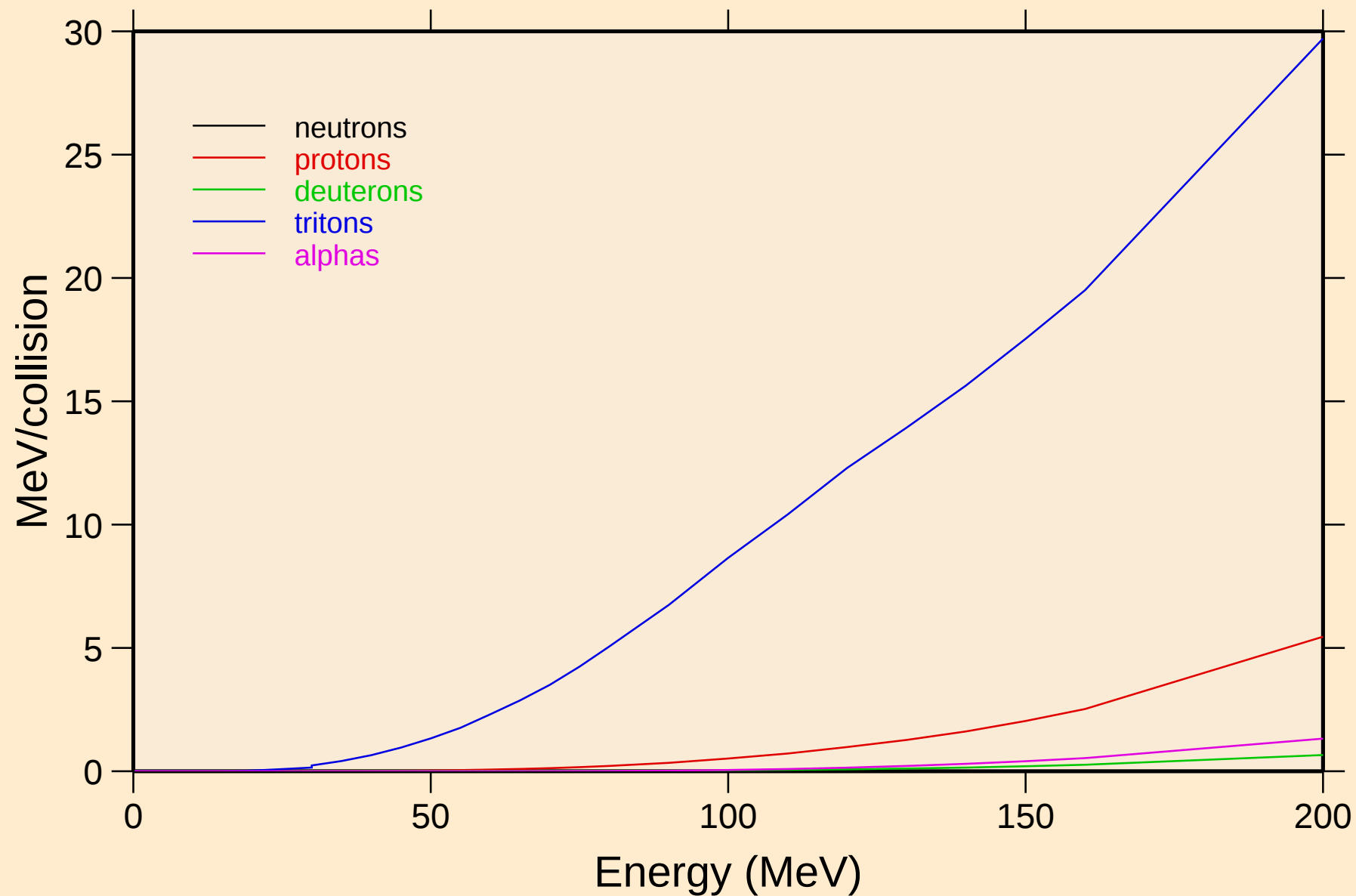


ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



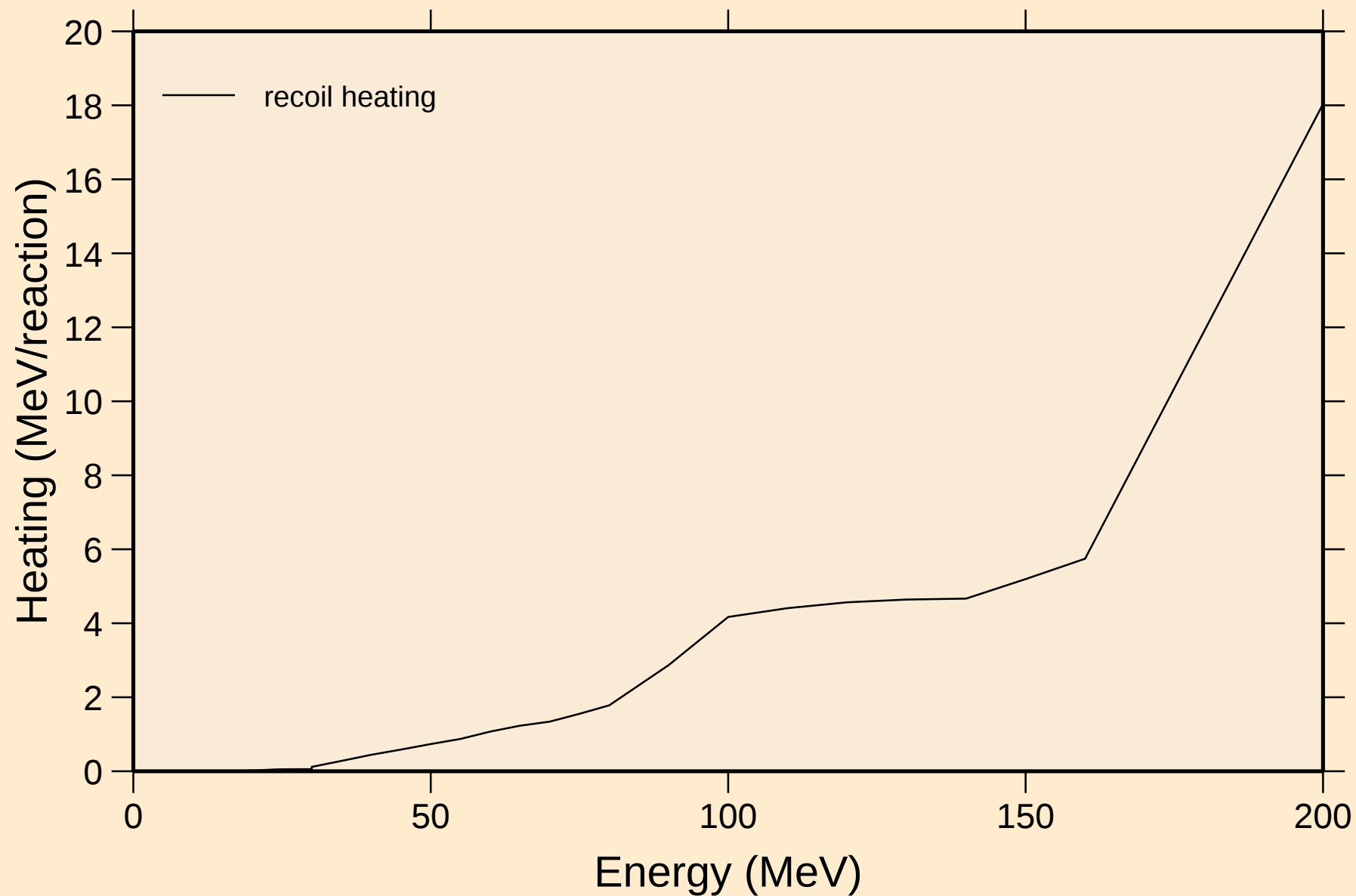
# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



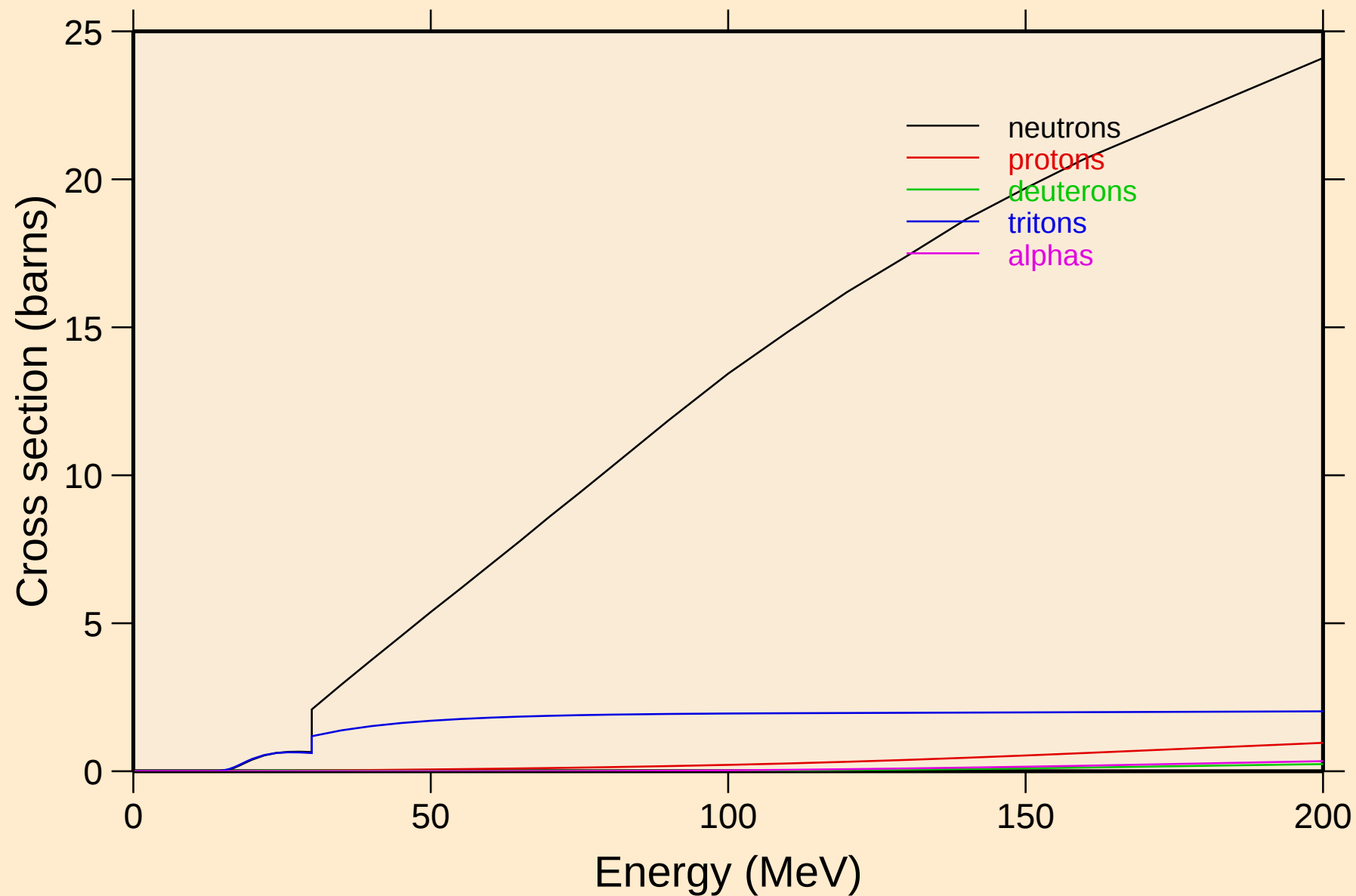
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

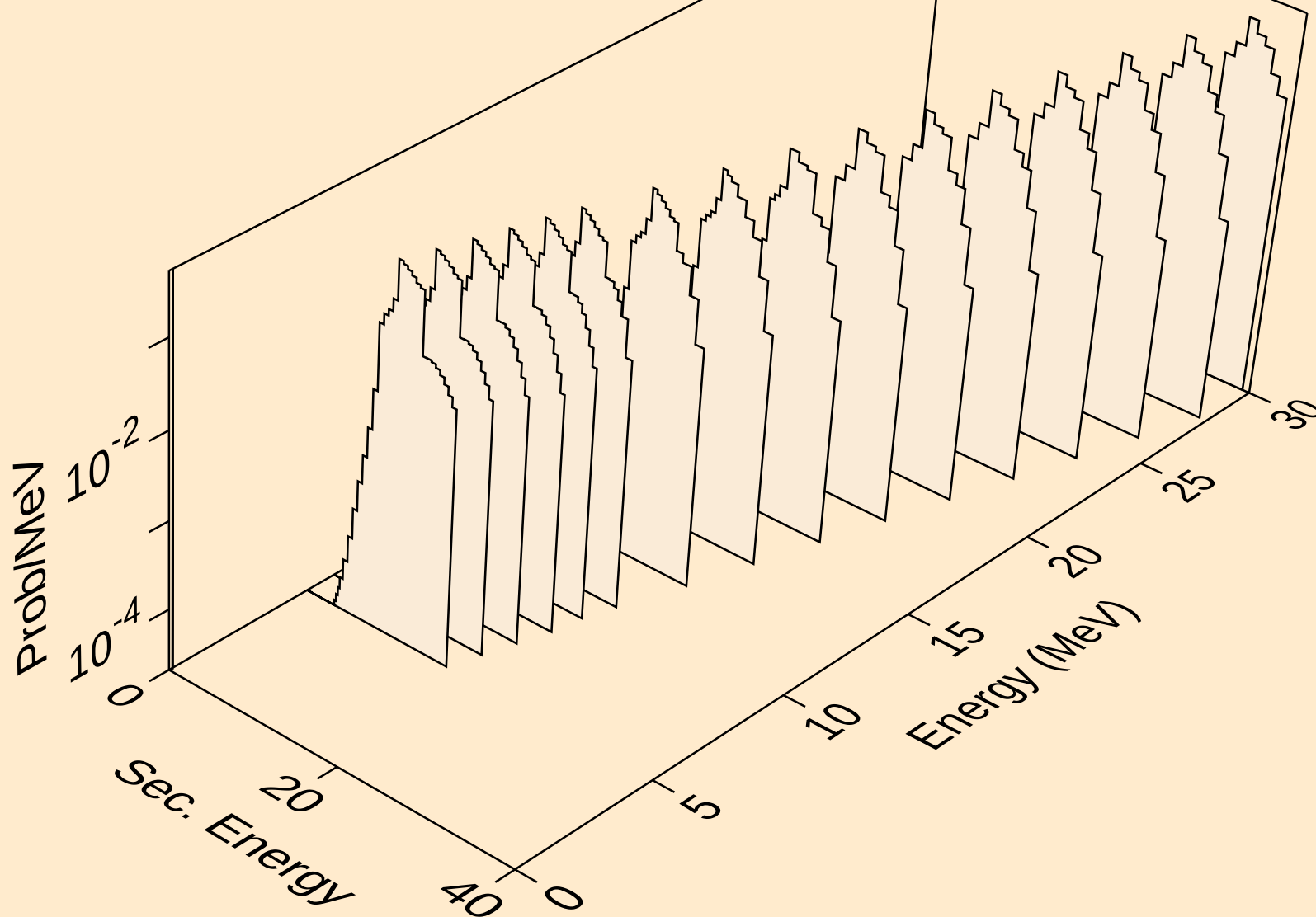


# ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K

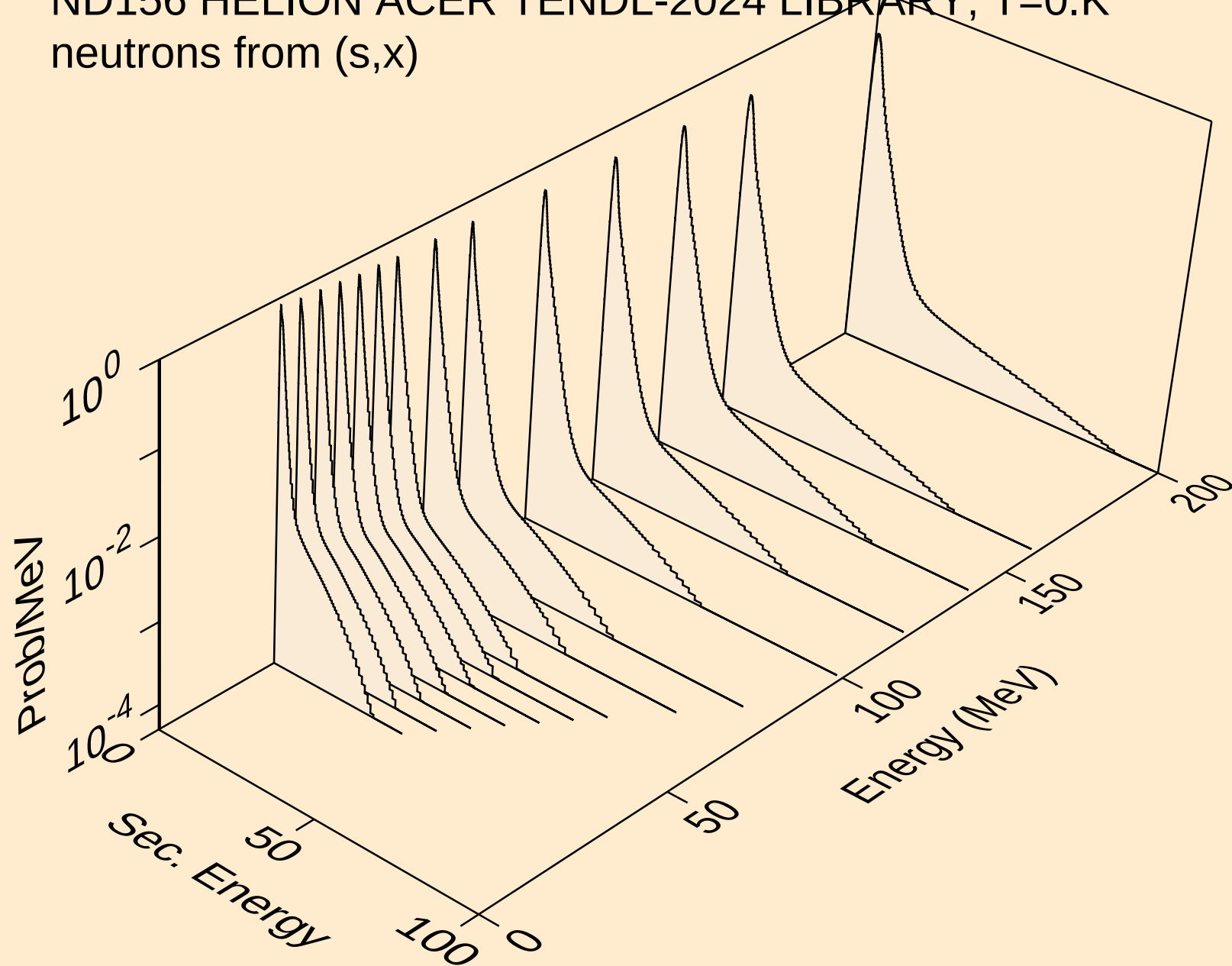
## Particle production cross sections



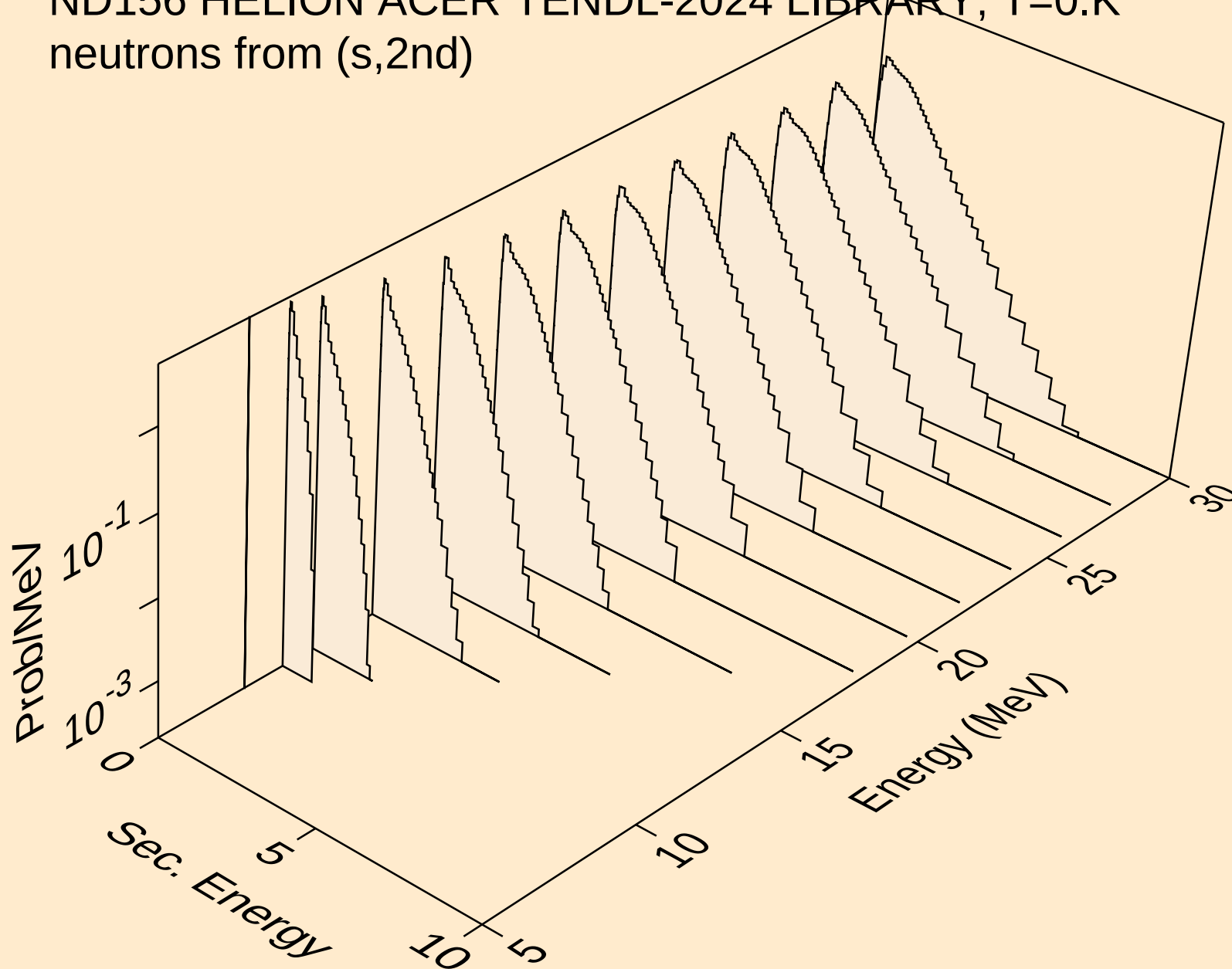
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



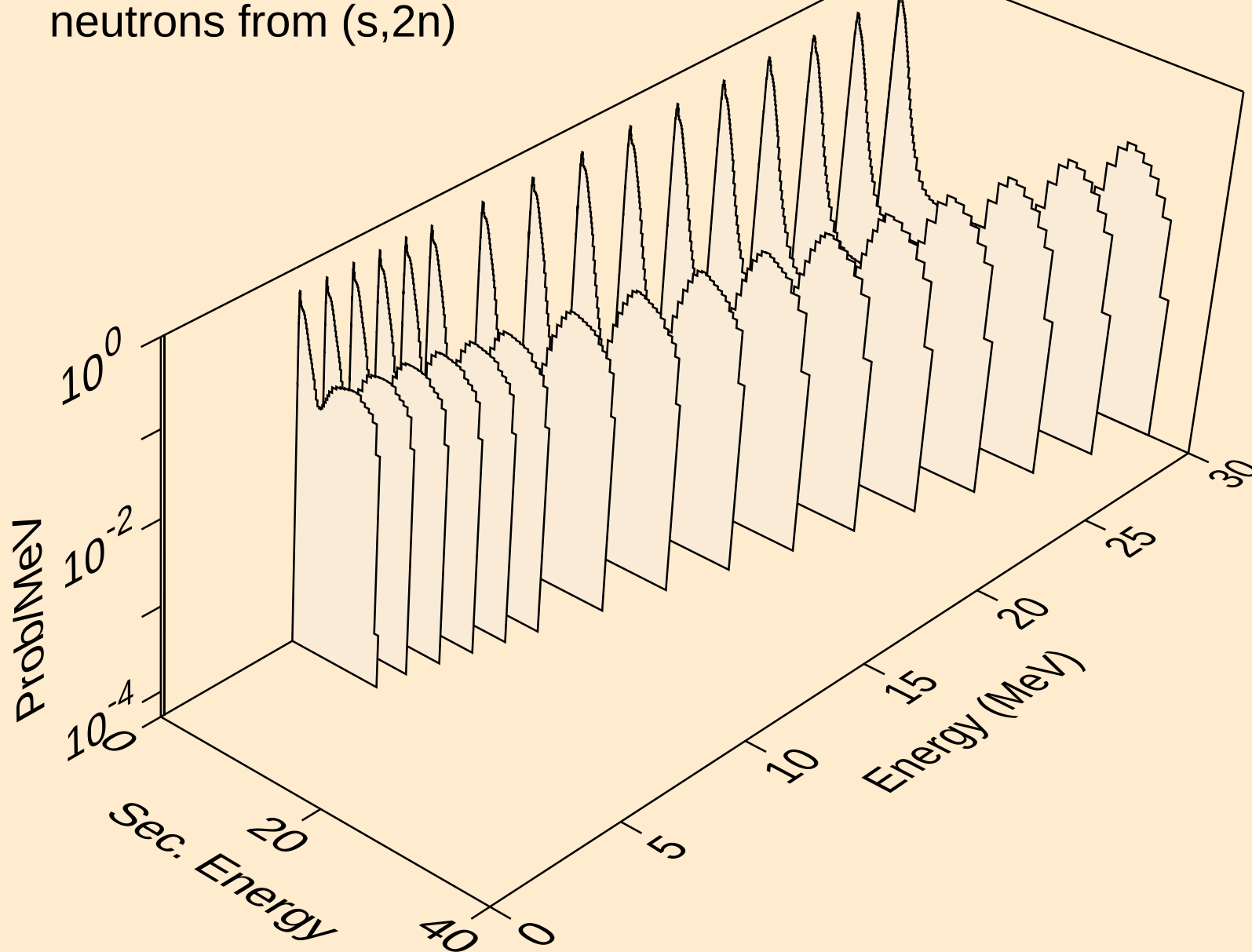
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



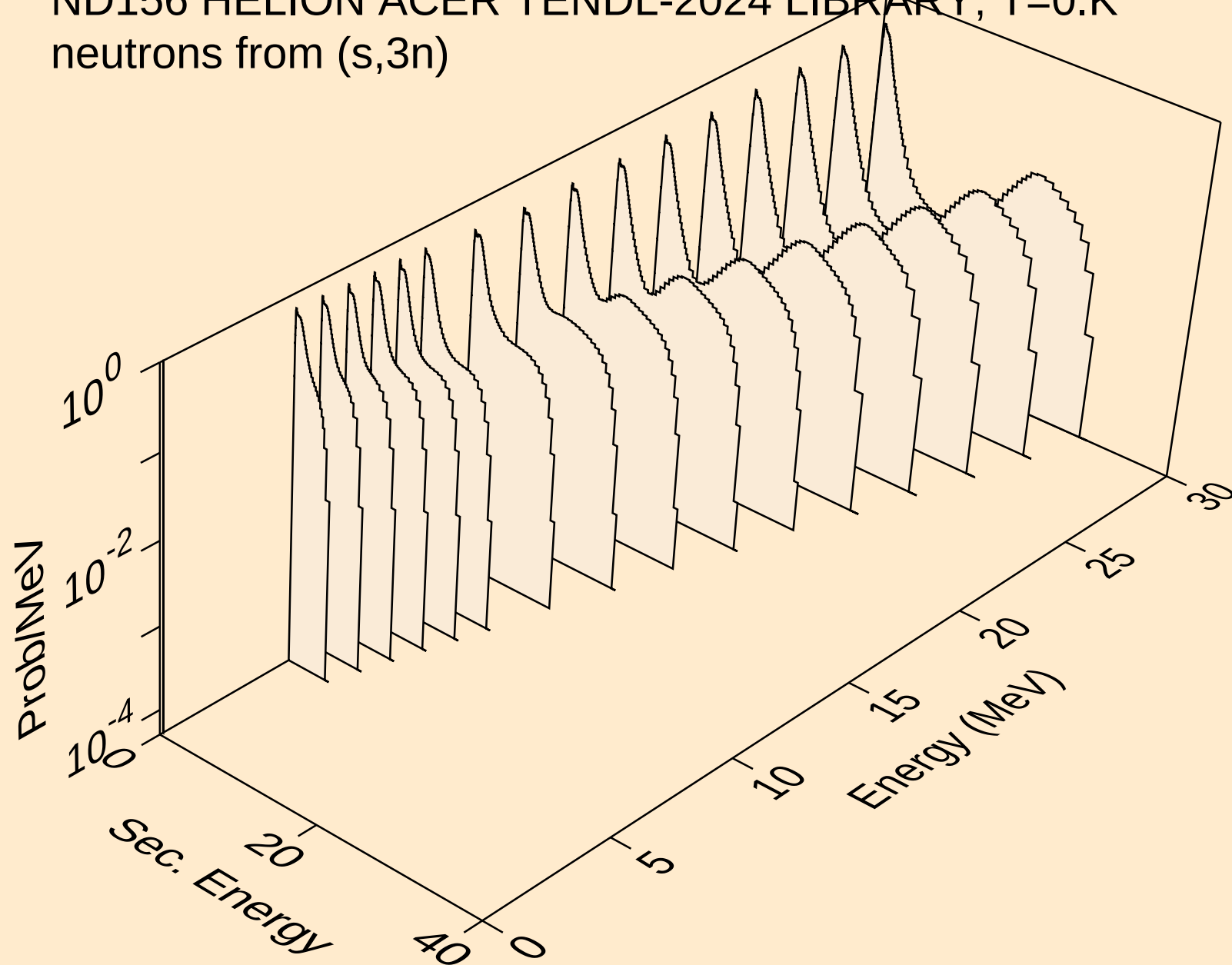
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



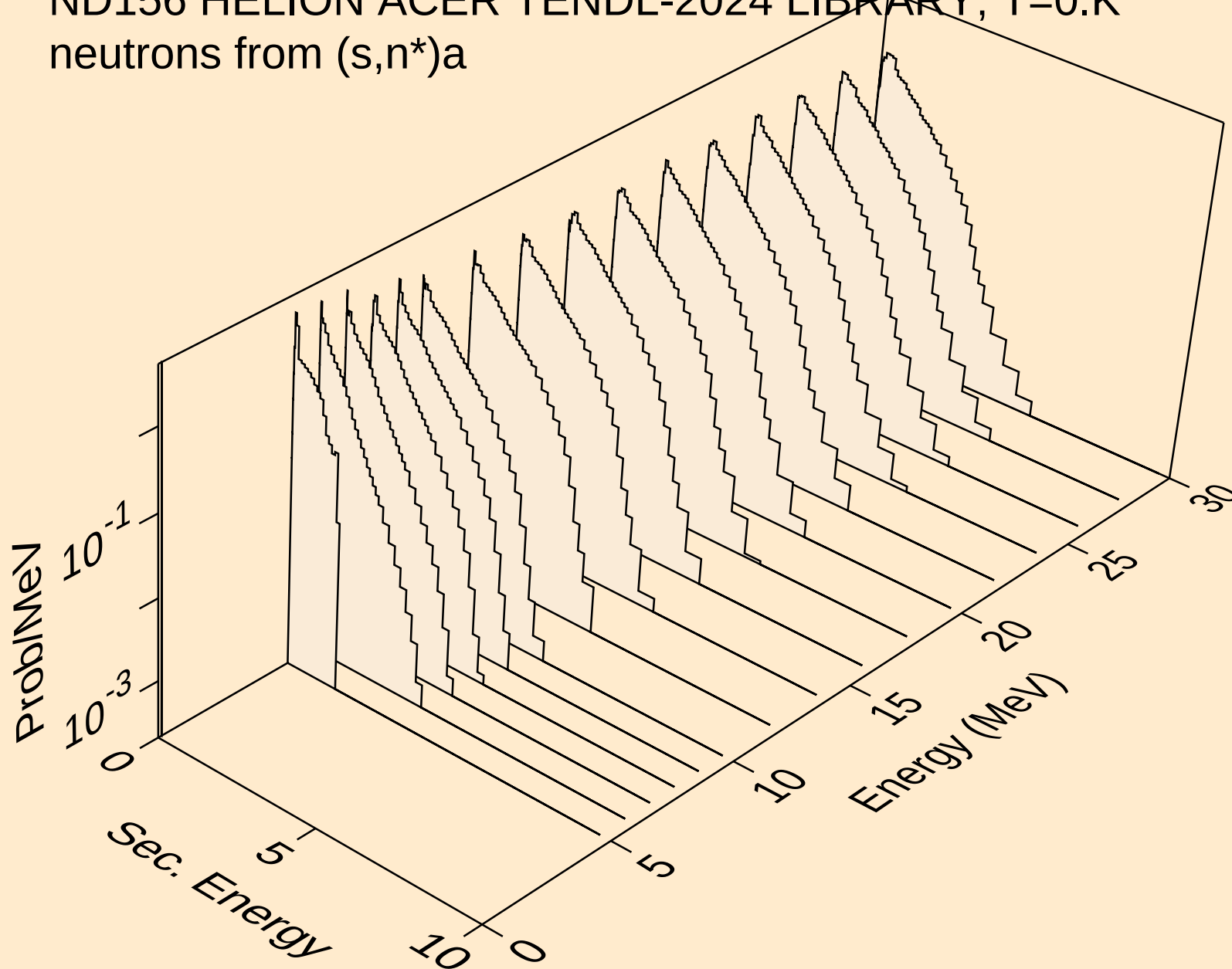
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



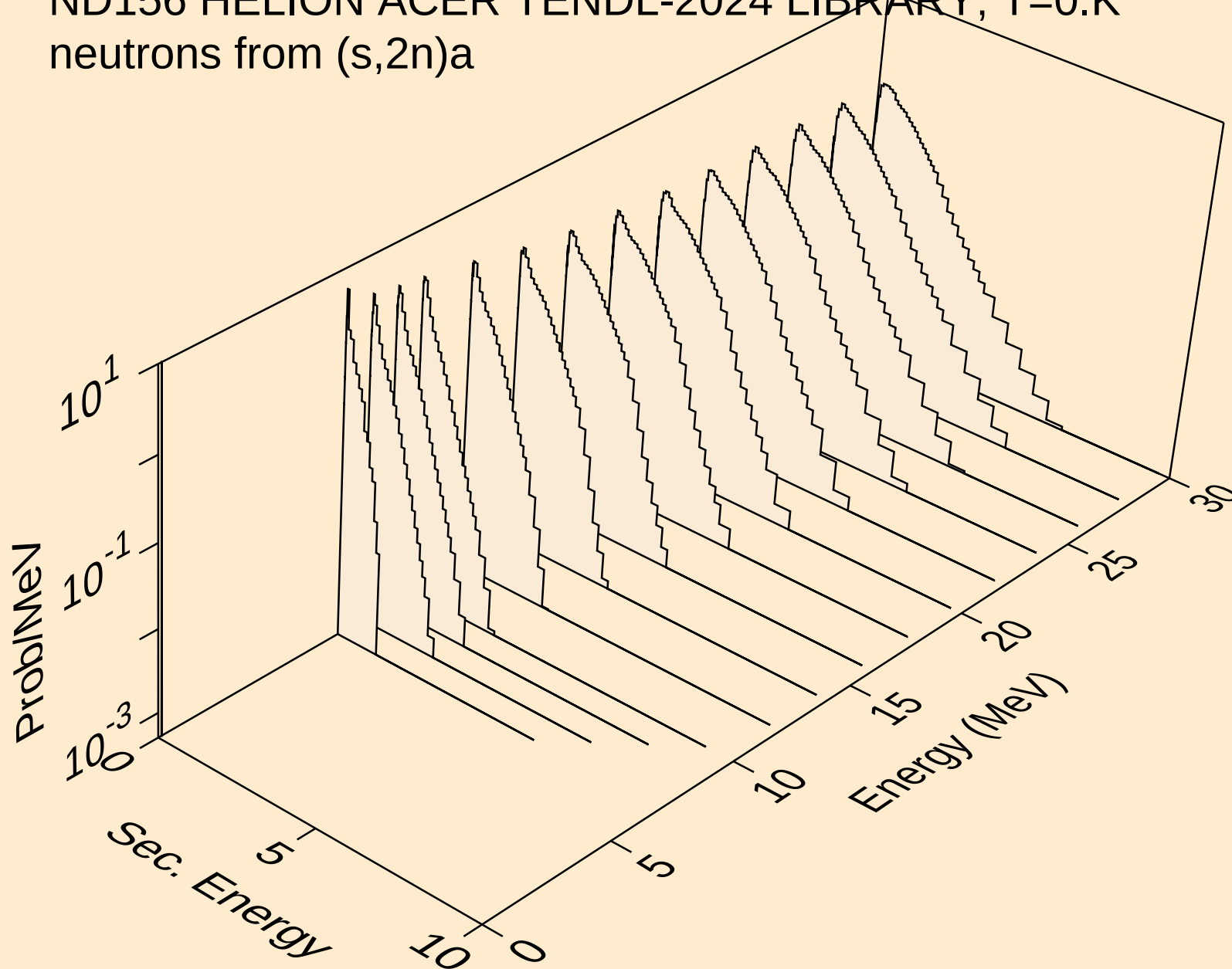
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



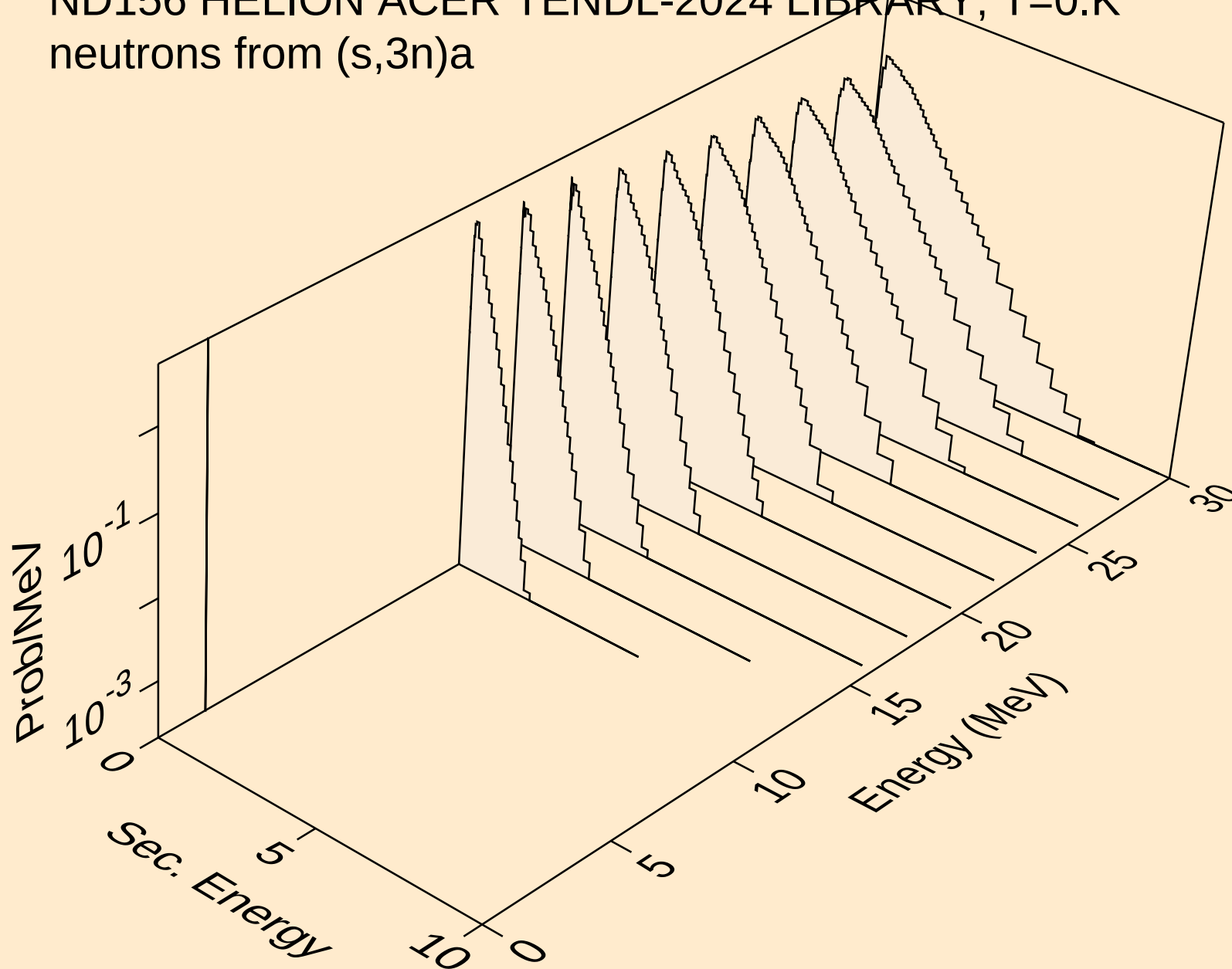
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



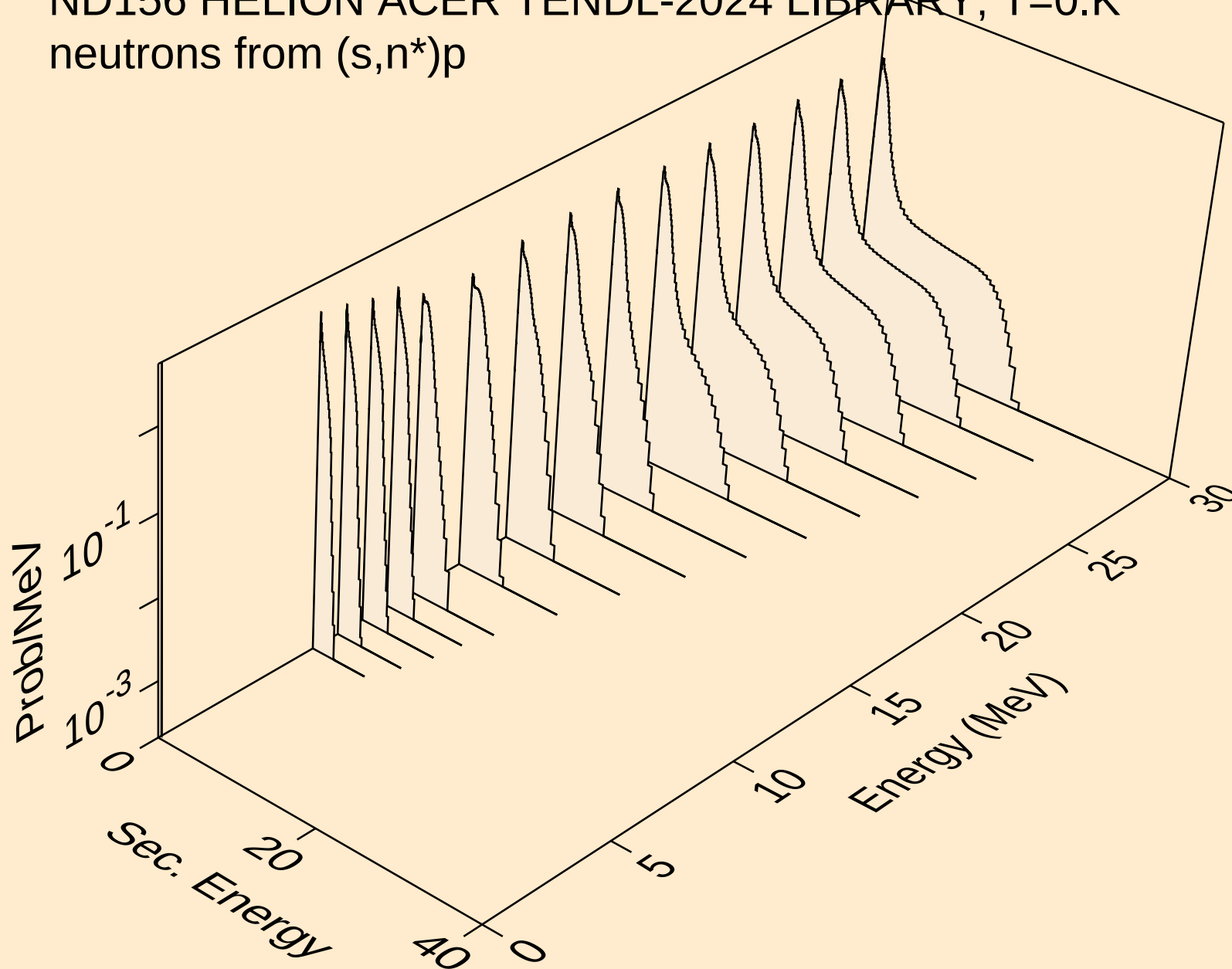
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



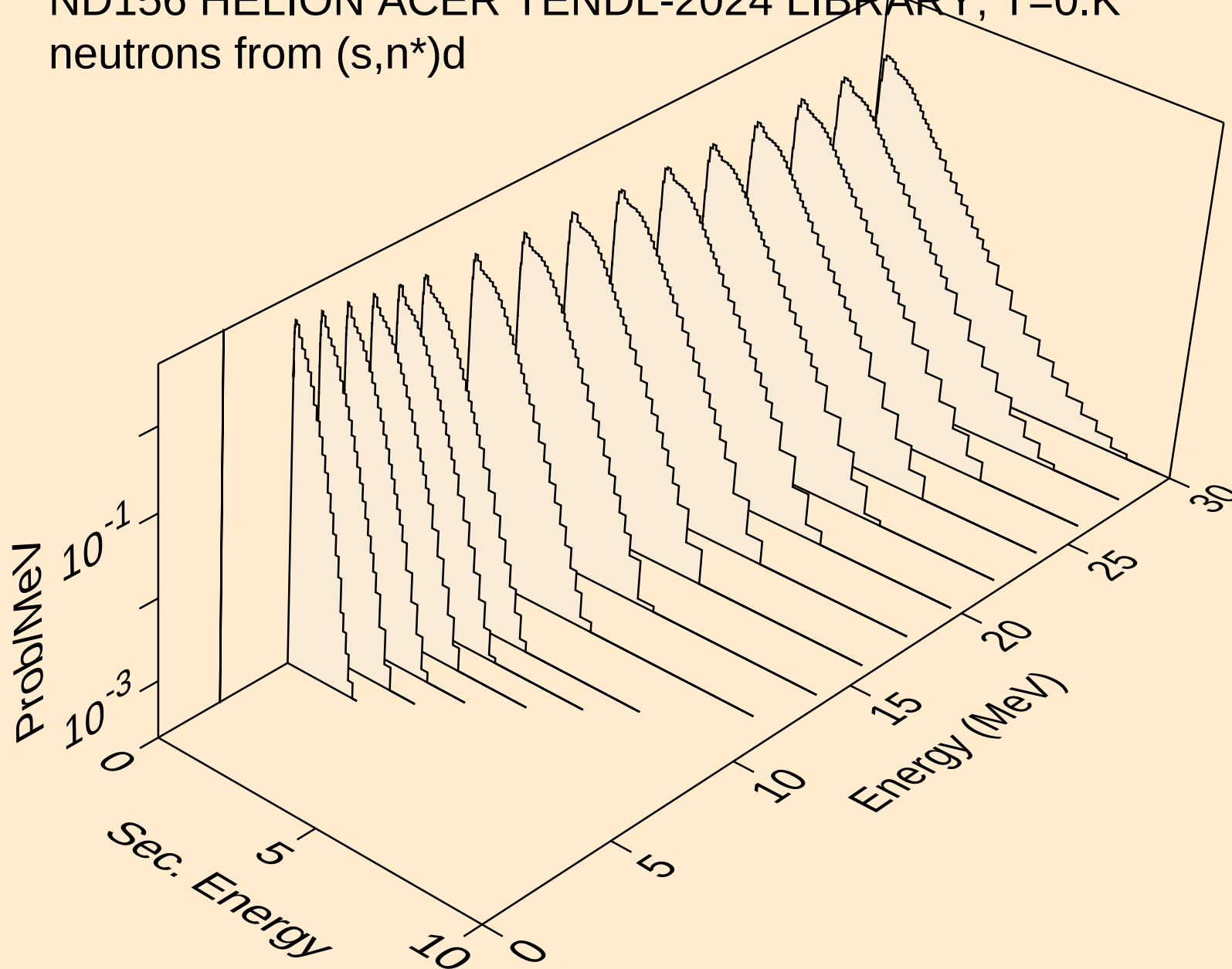
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)a



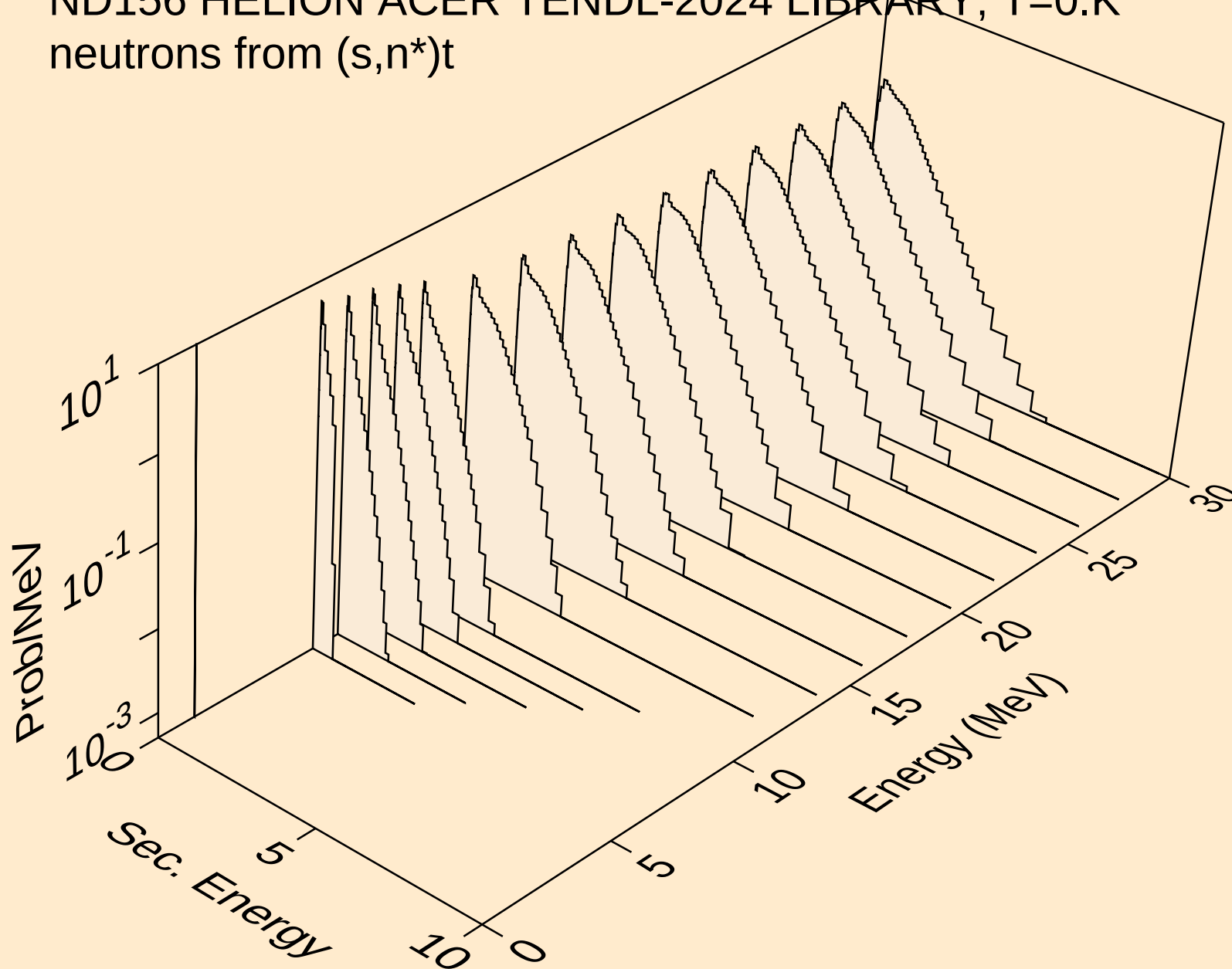
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



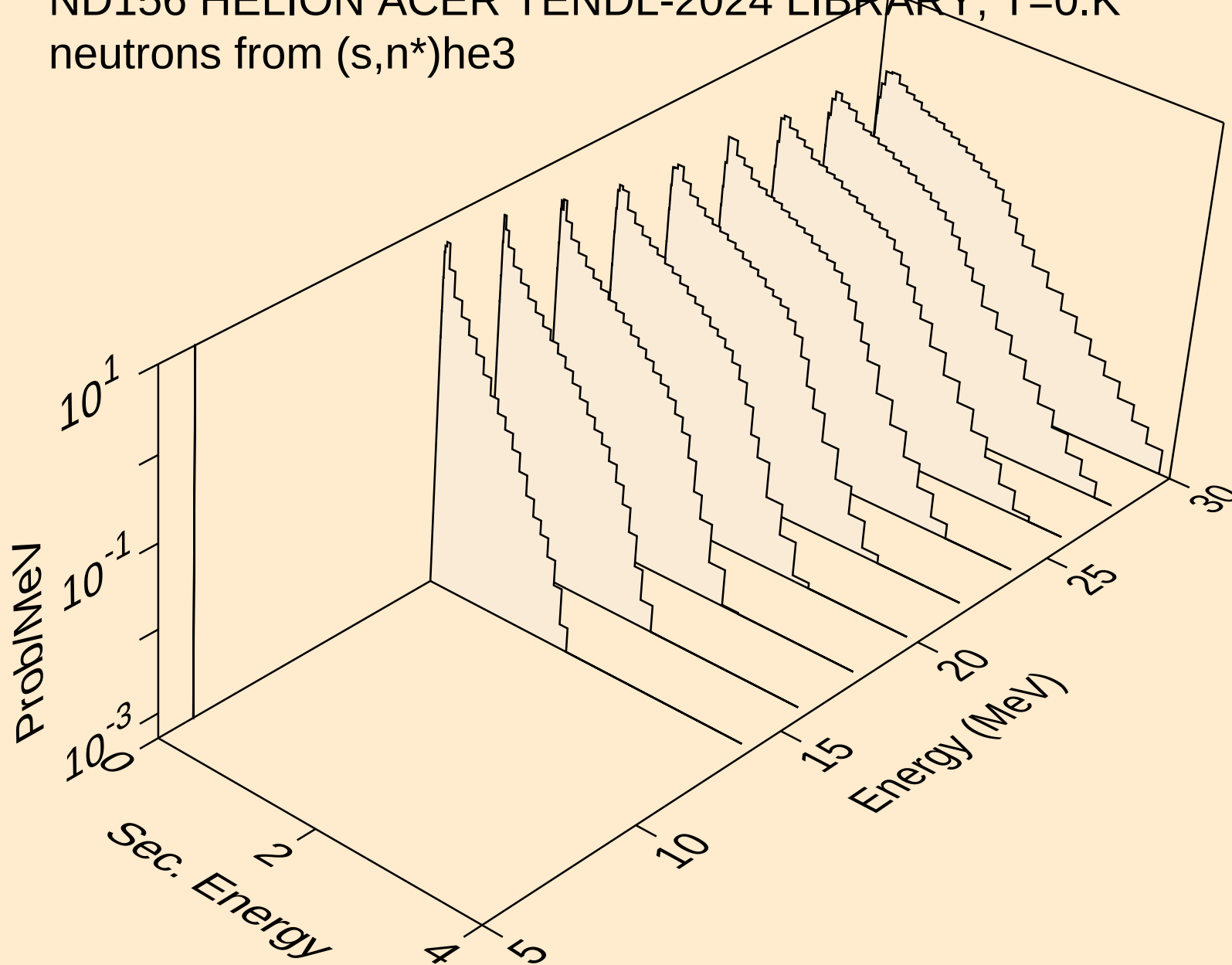
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



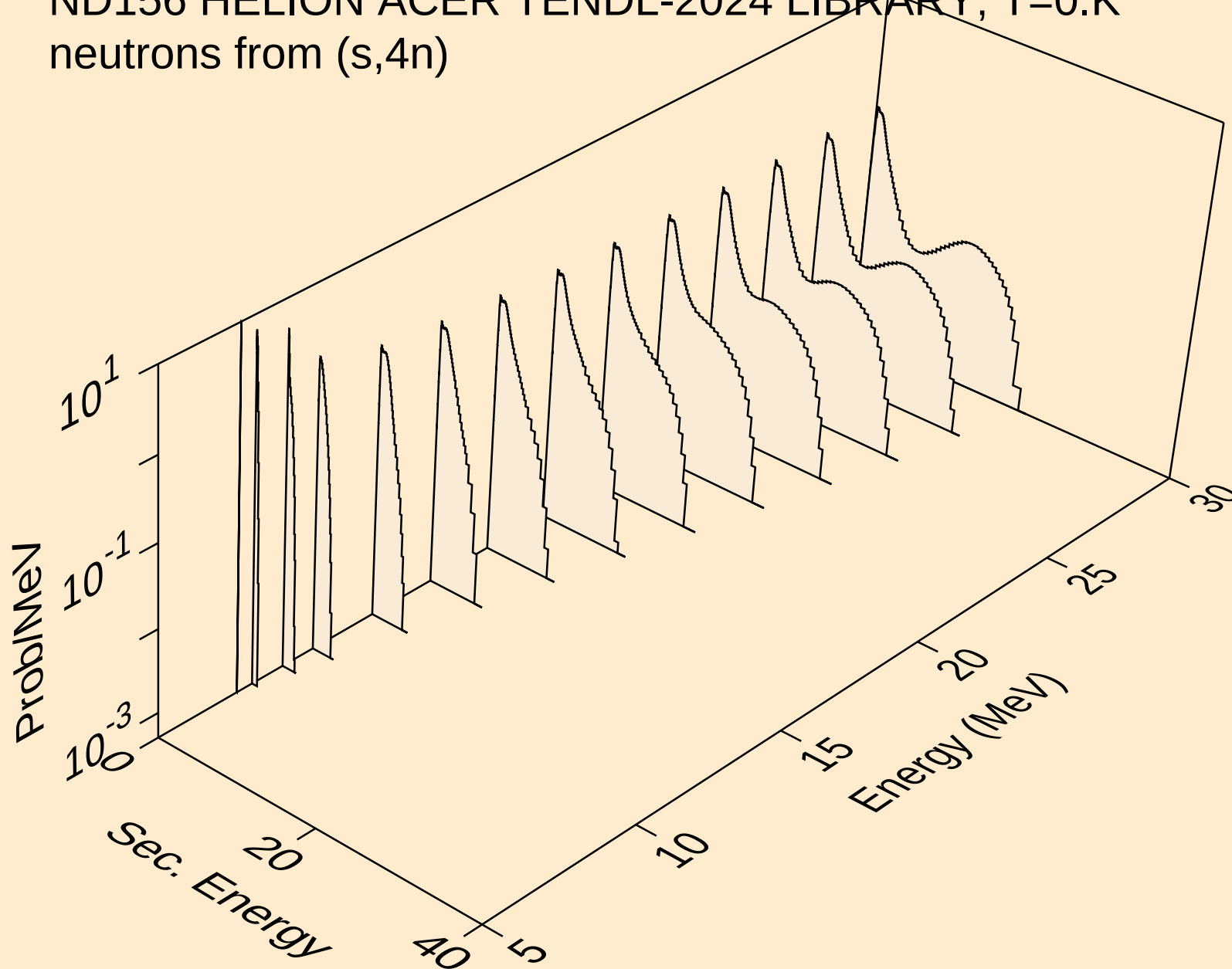
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



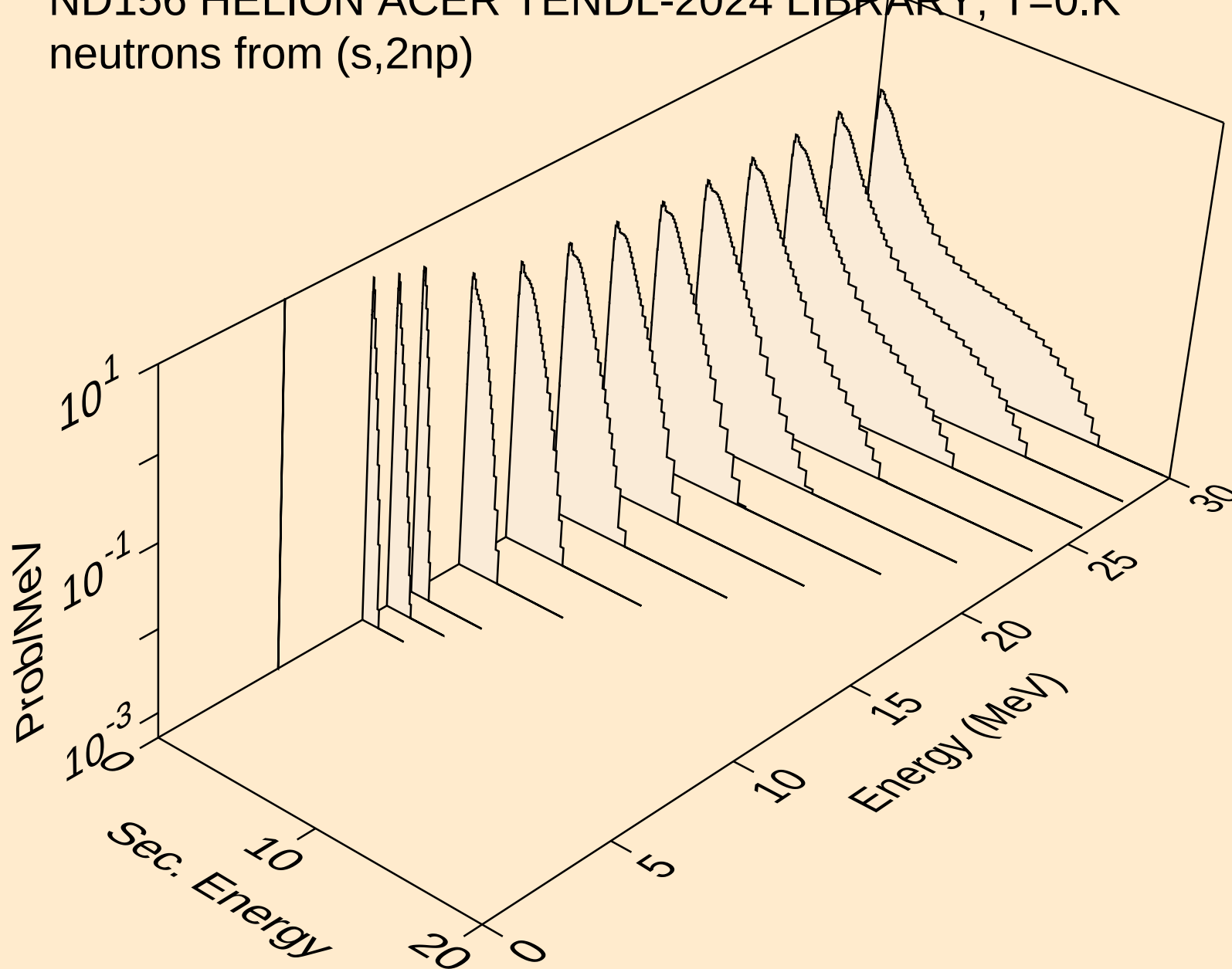
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



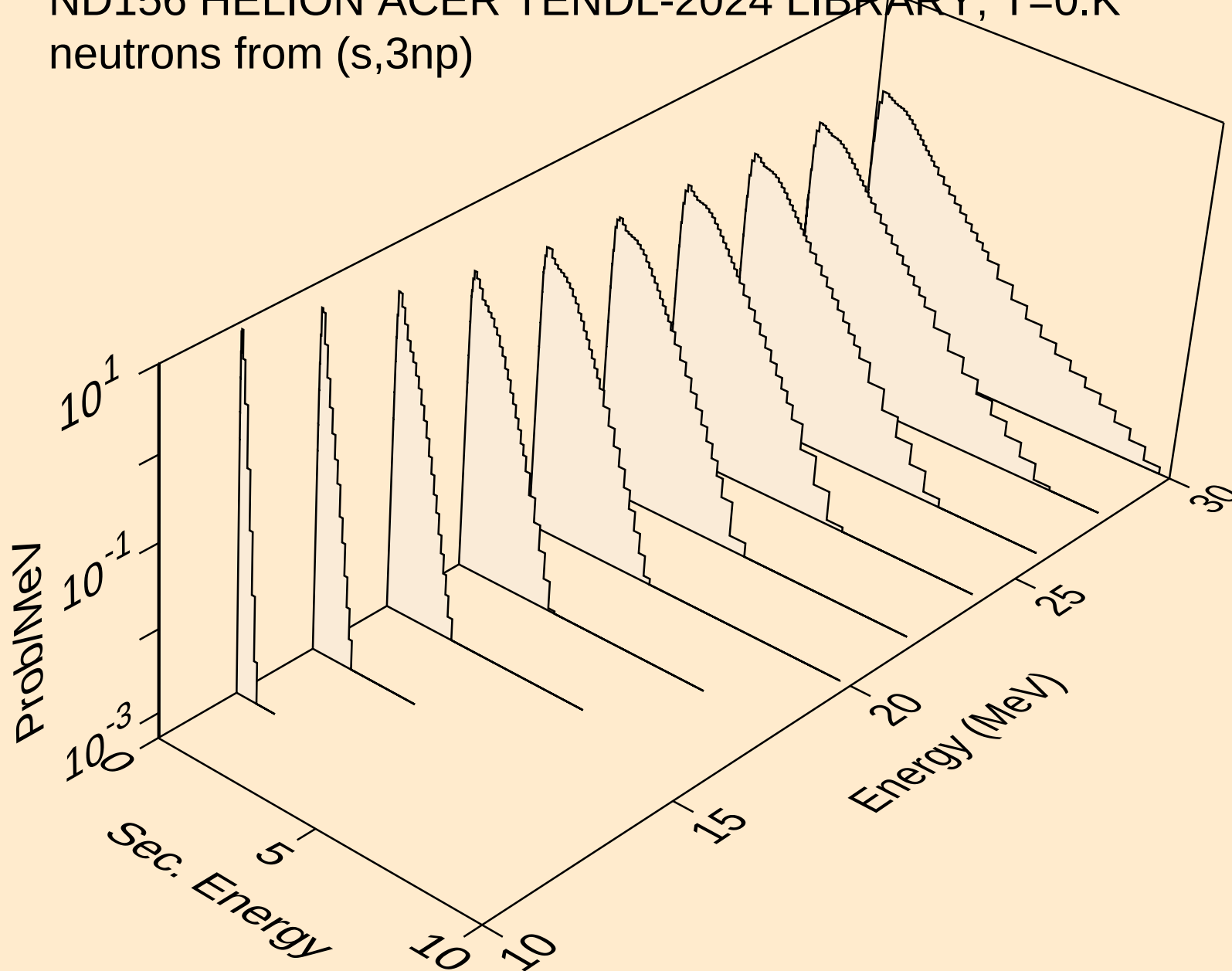
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



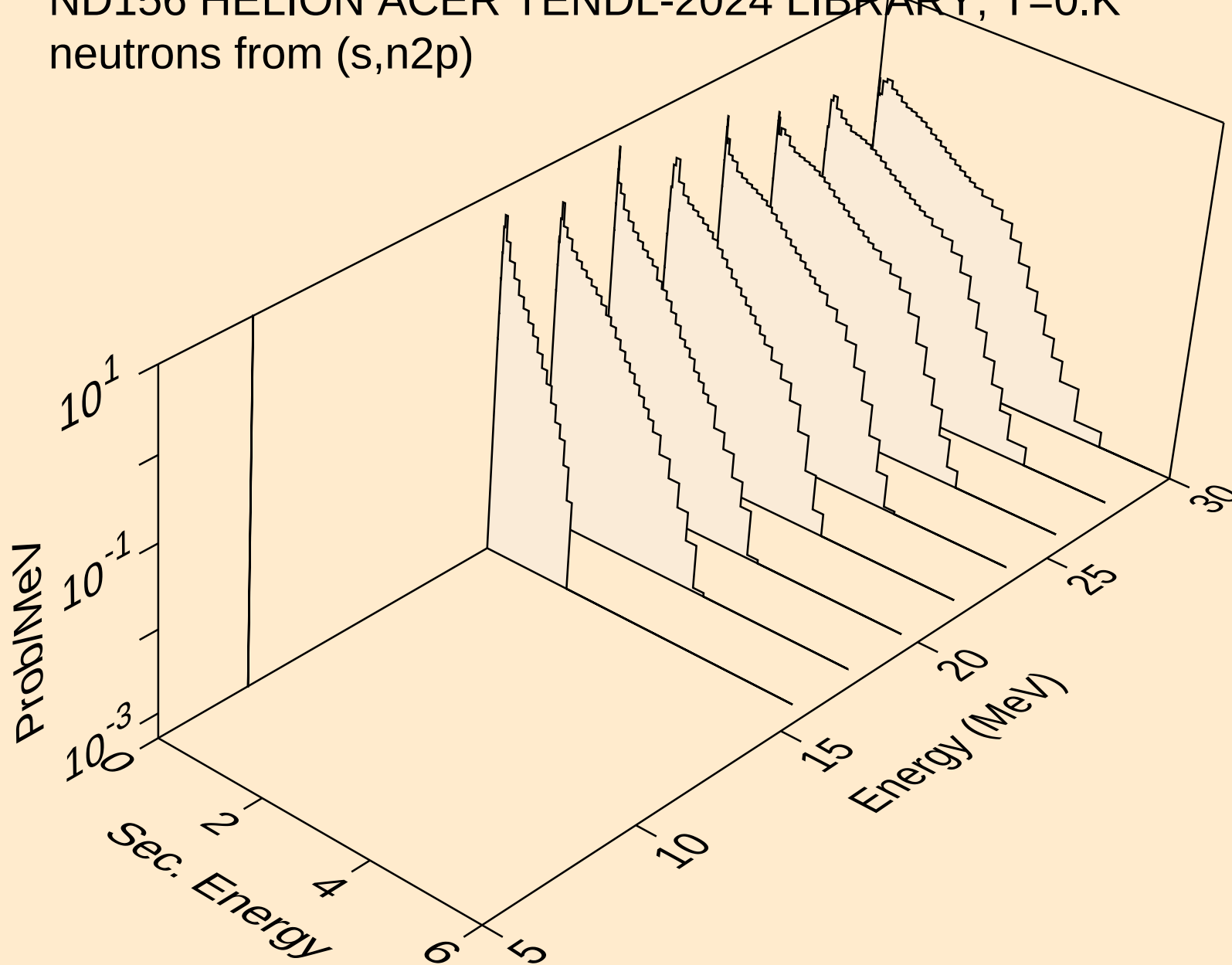
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



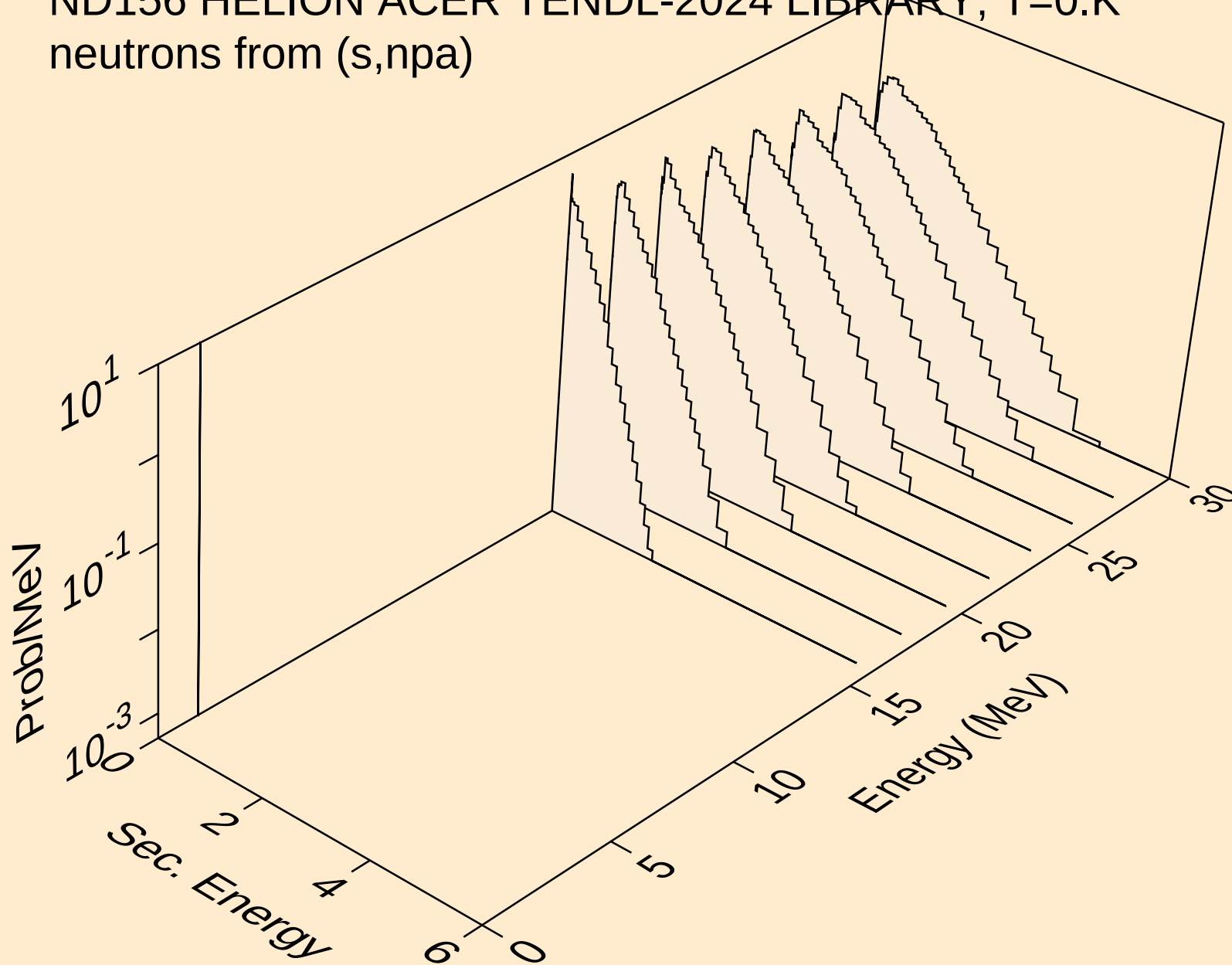
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neutrons from (s,3np)



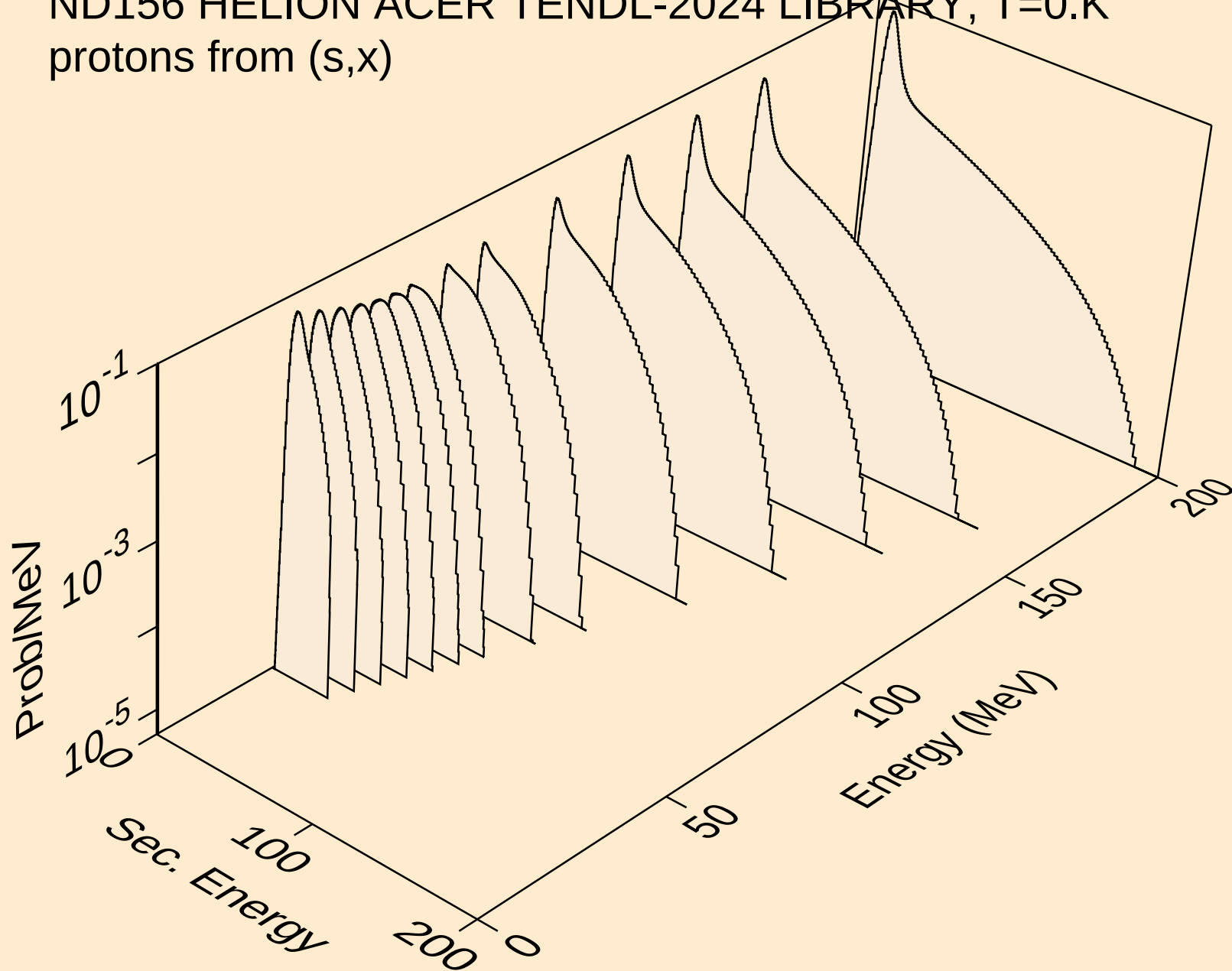
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neutrons from (s,n2p)



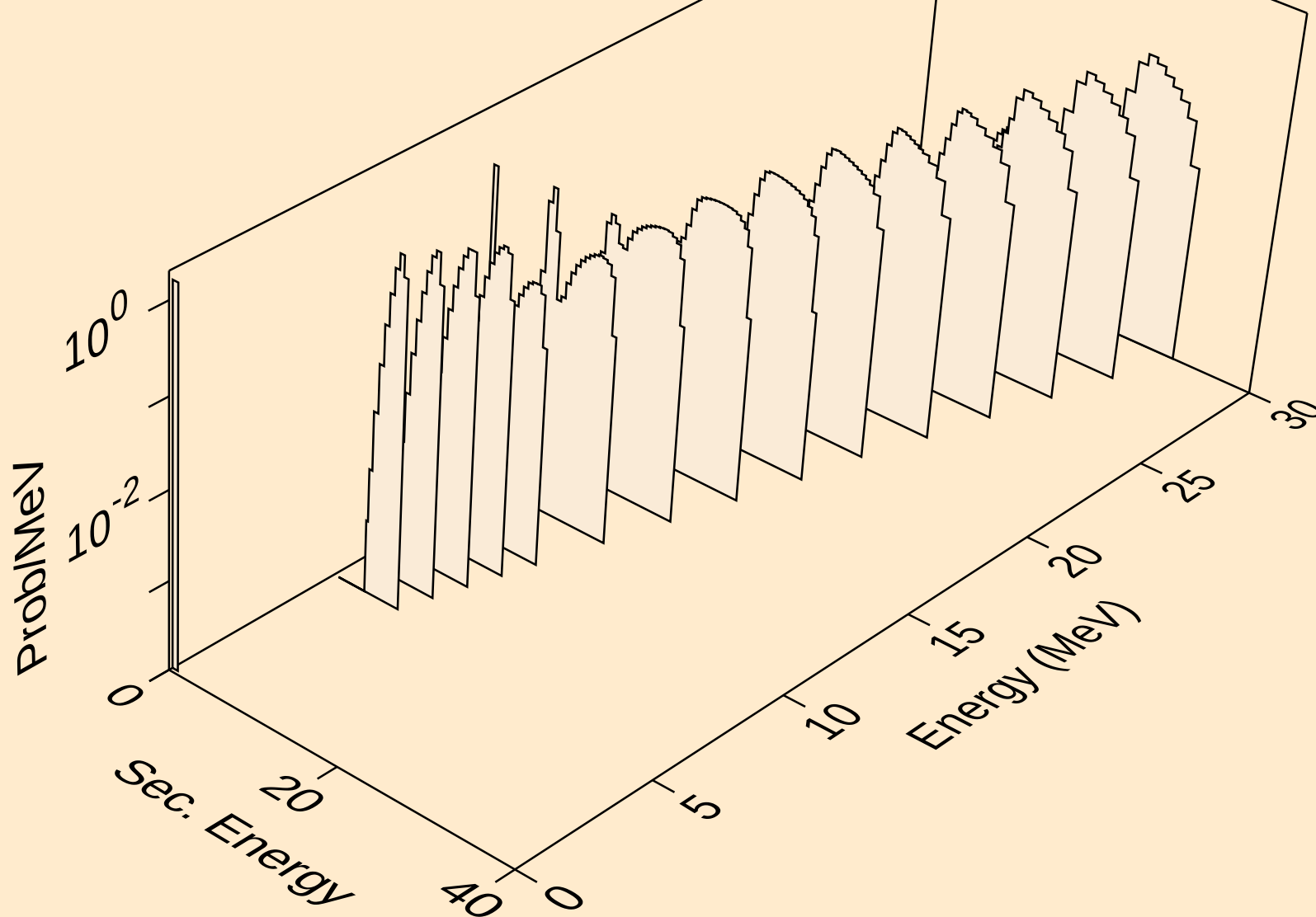
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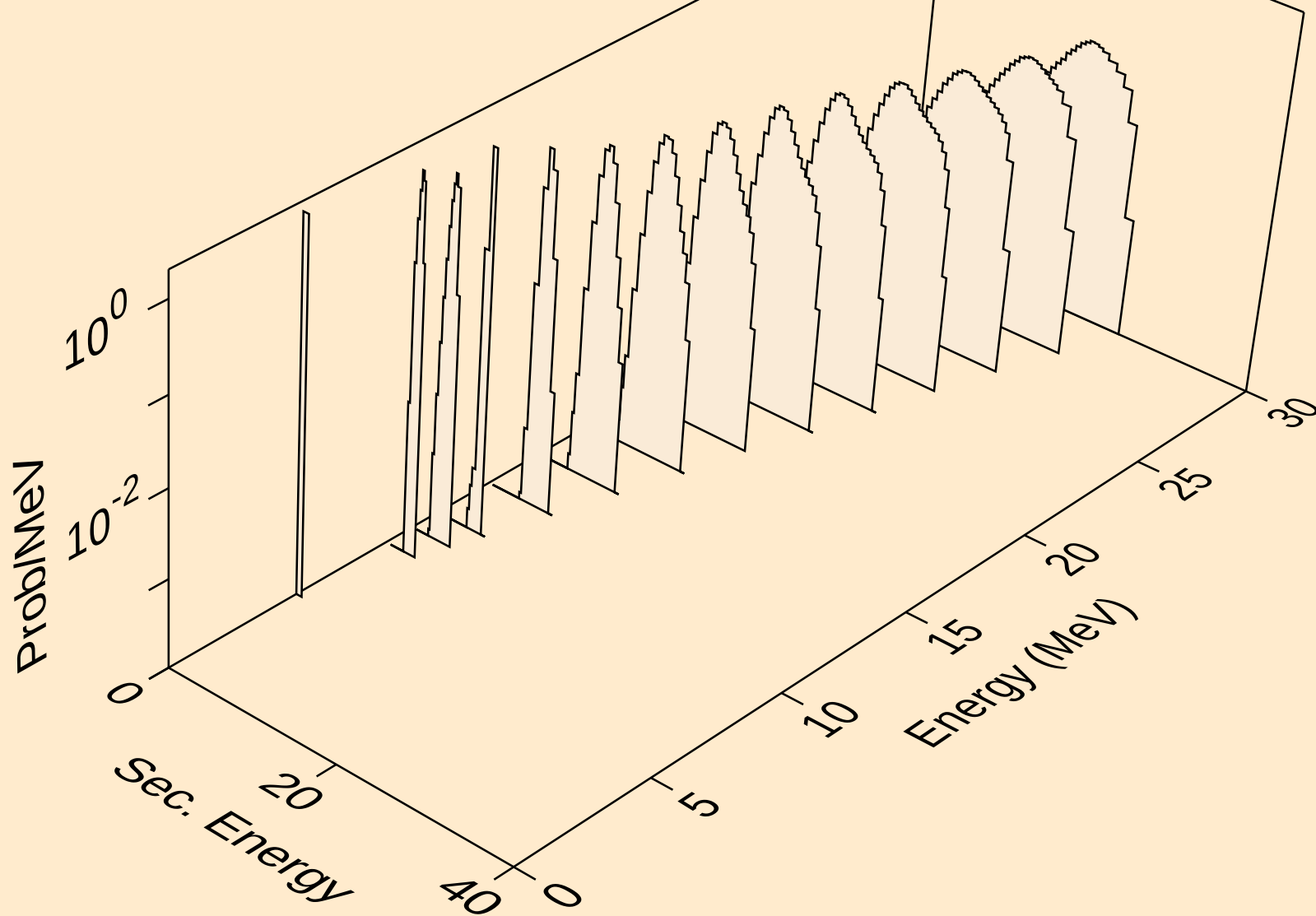
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



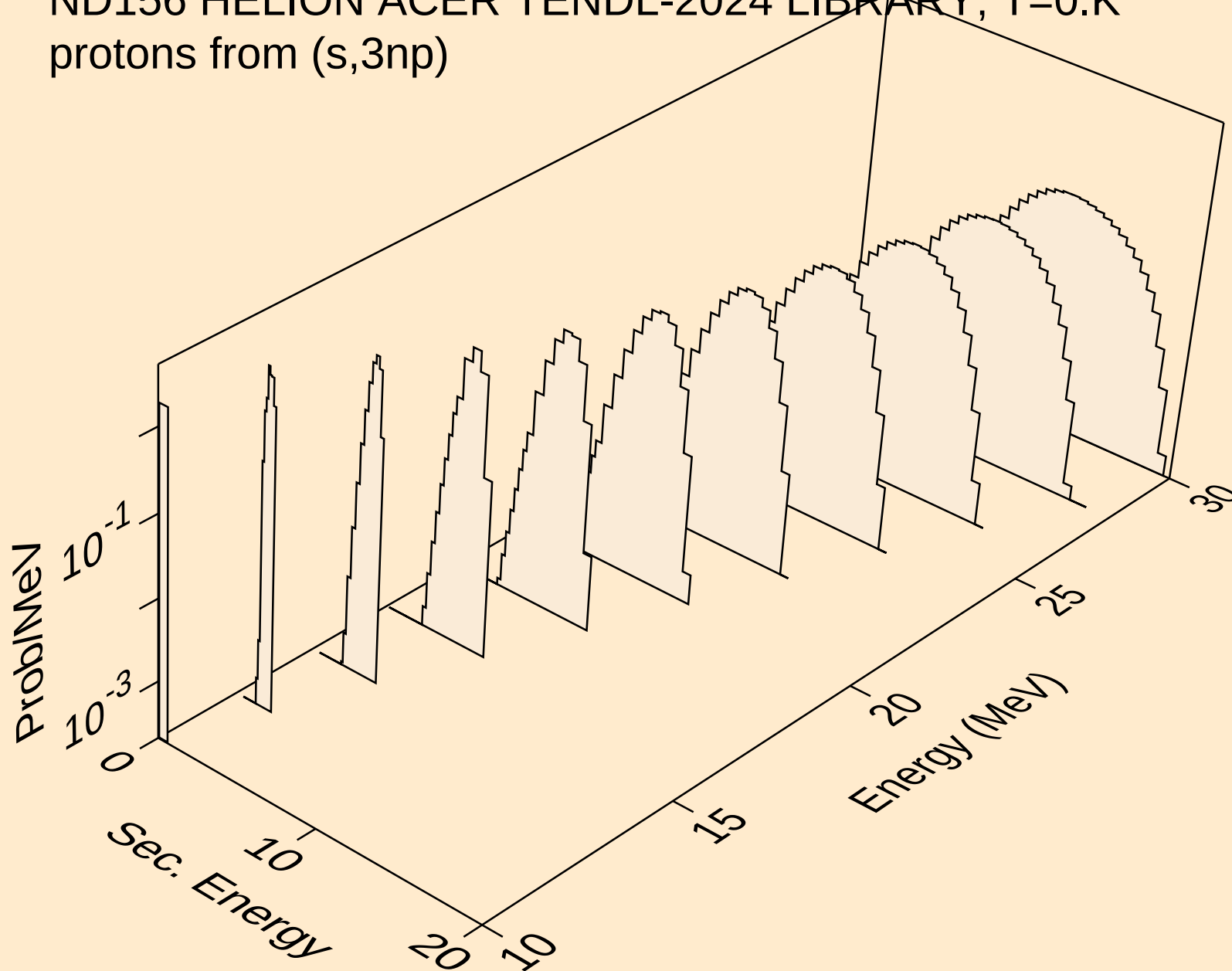
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



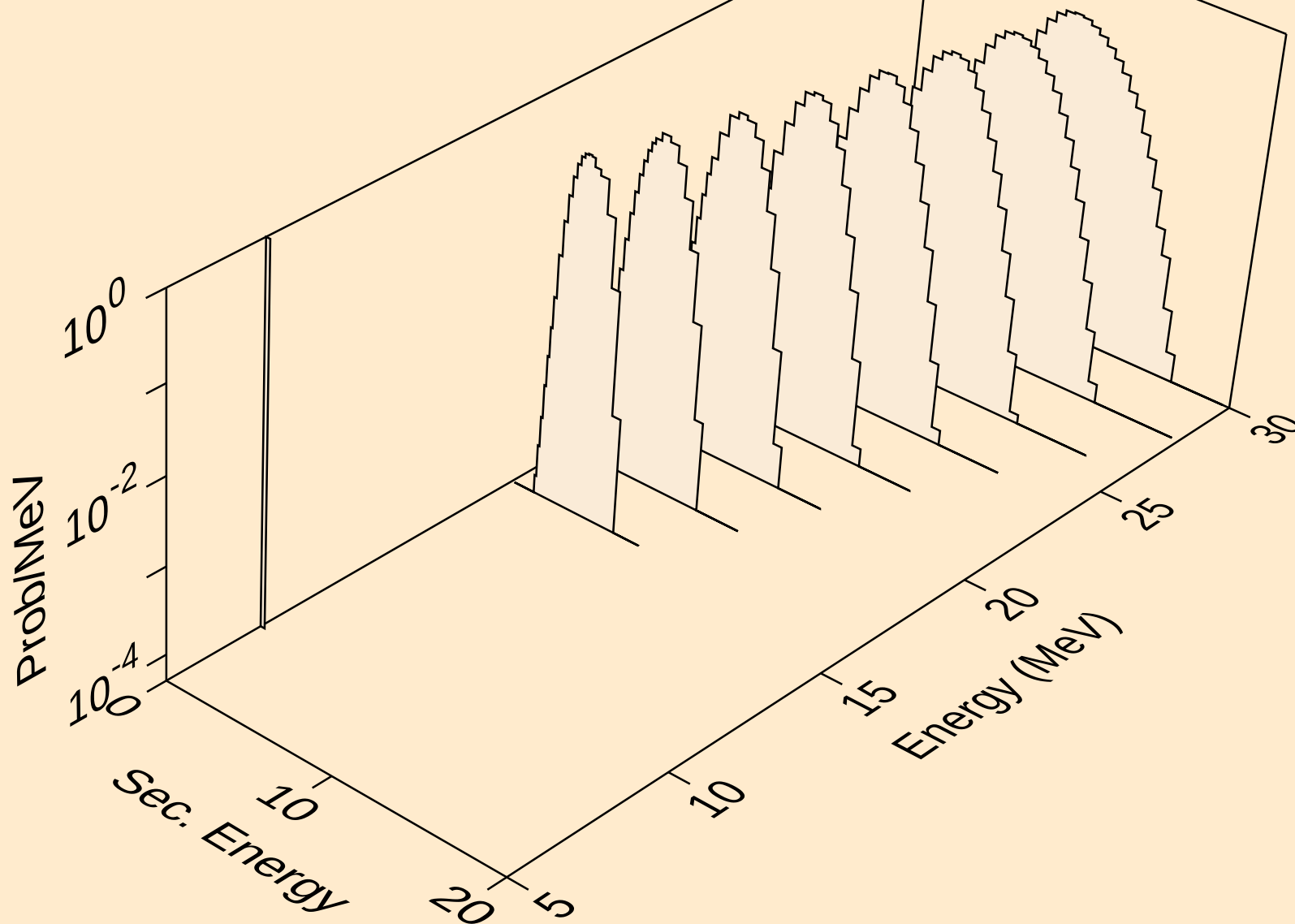
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protons from (s,2np)



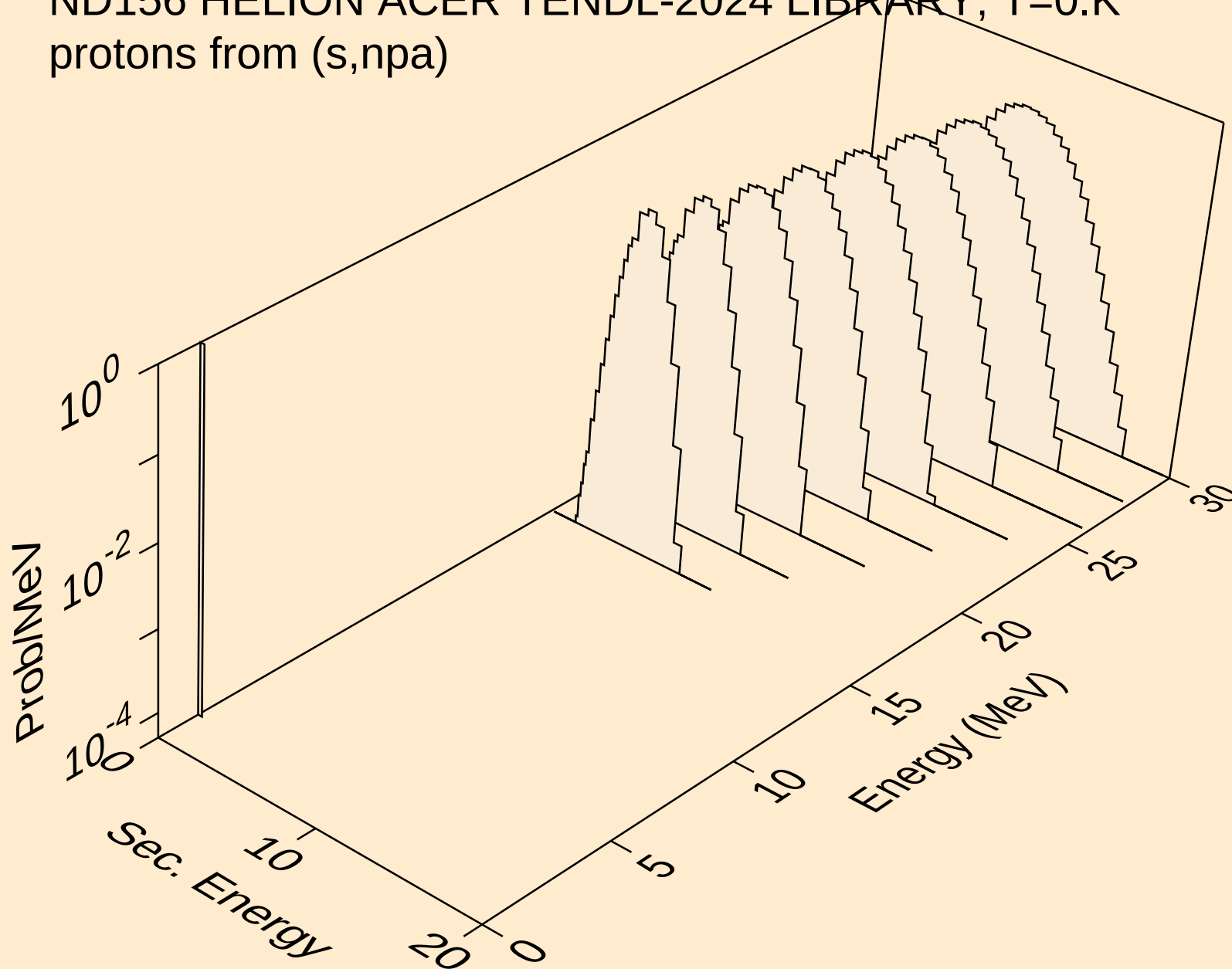
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,3np)



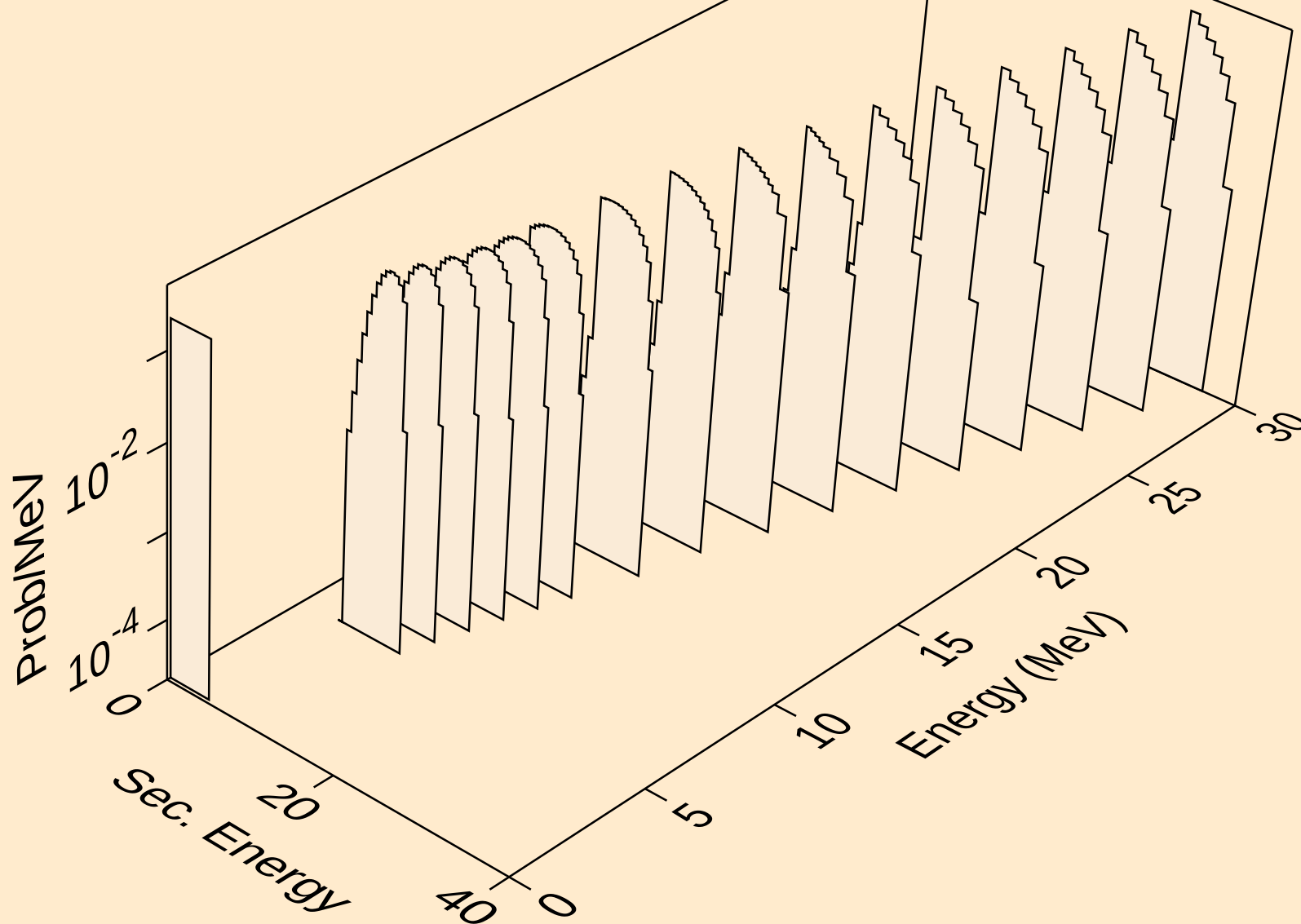
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



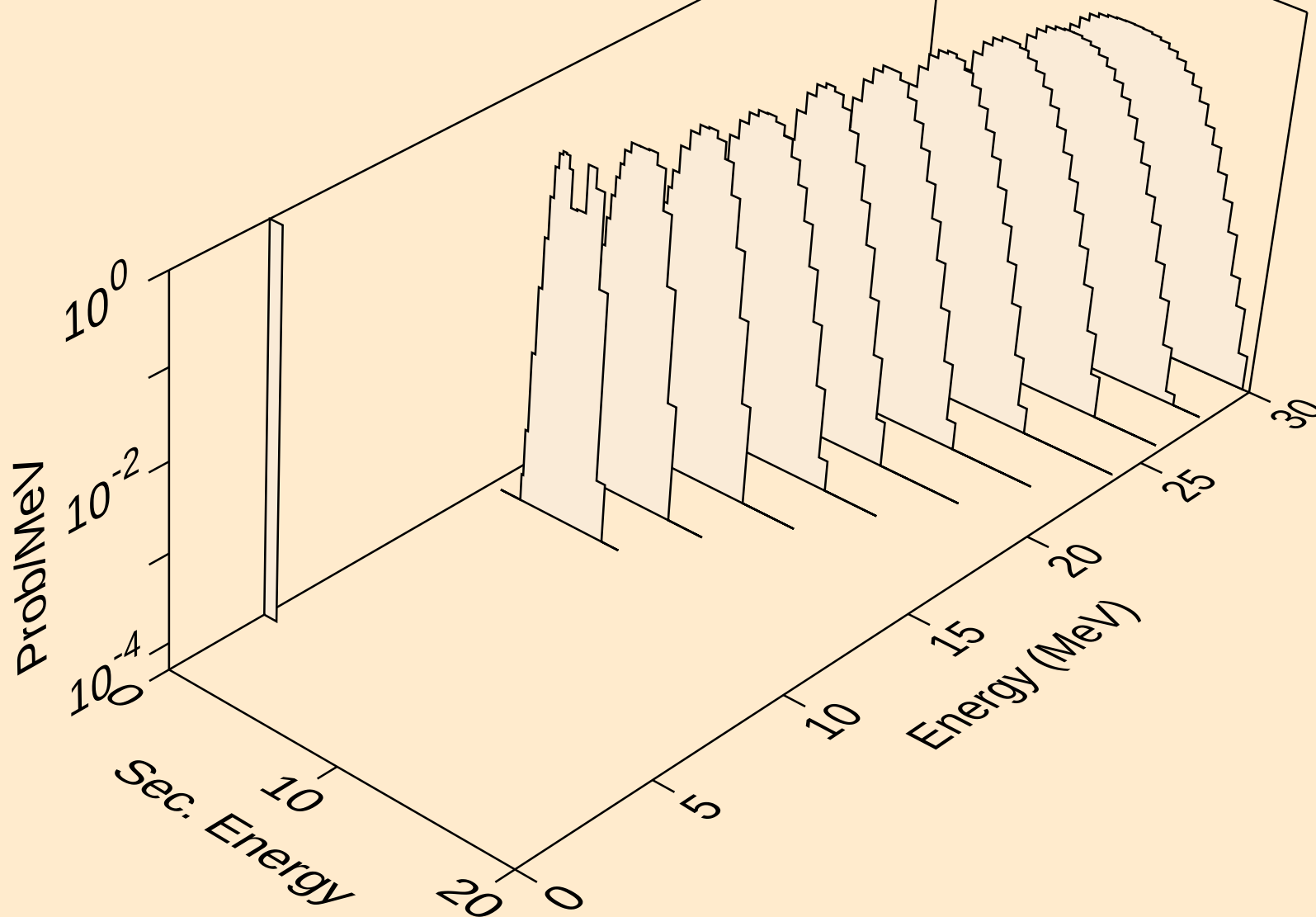
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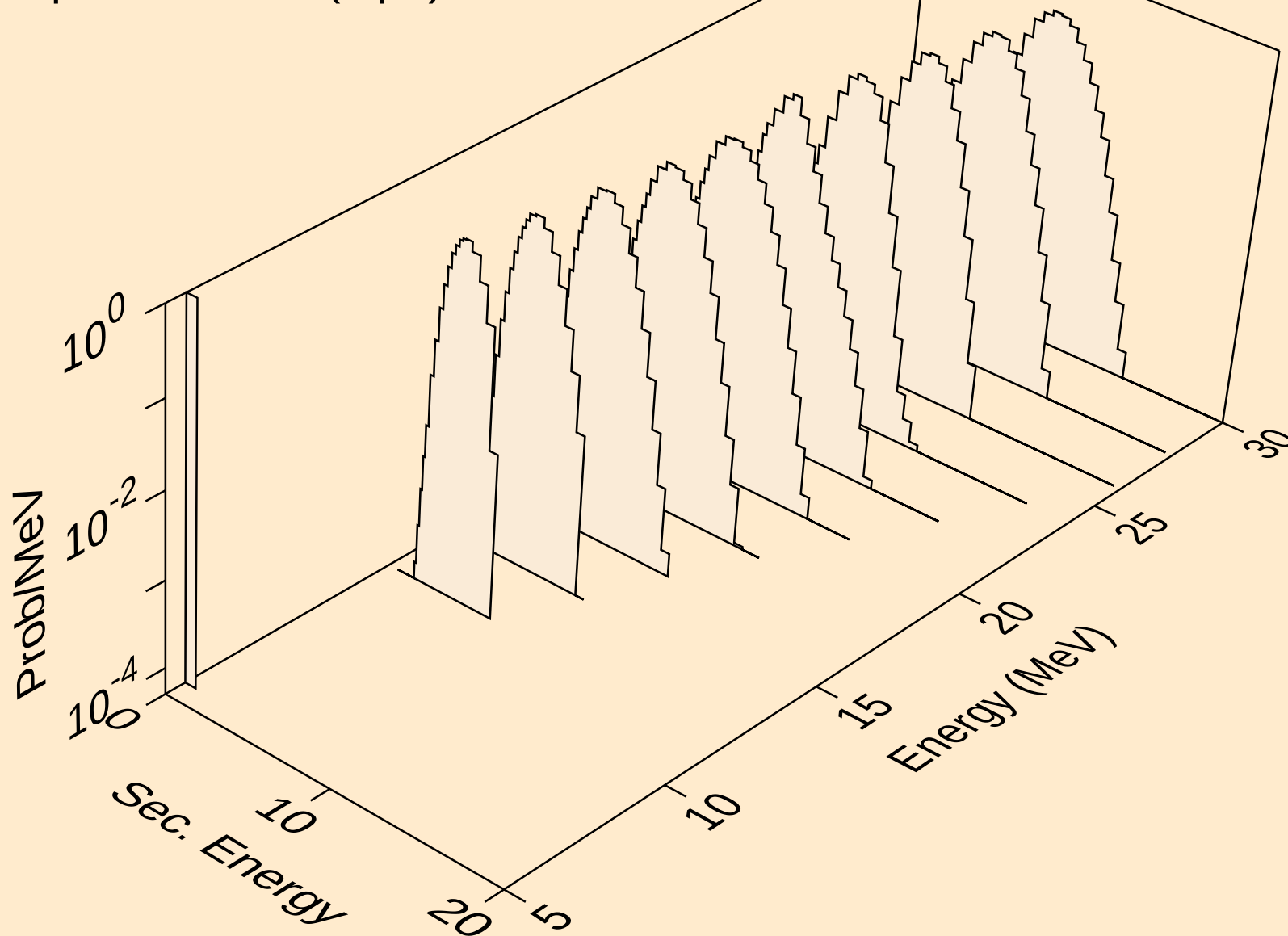
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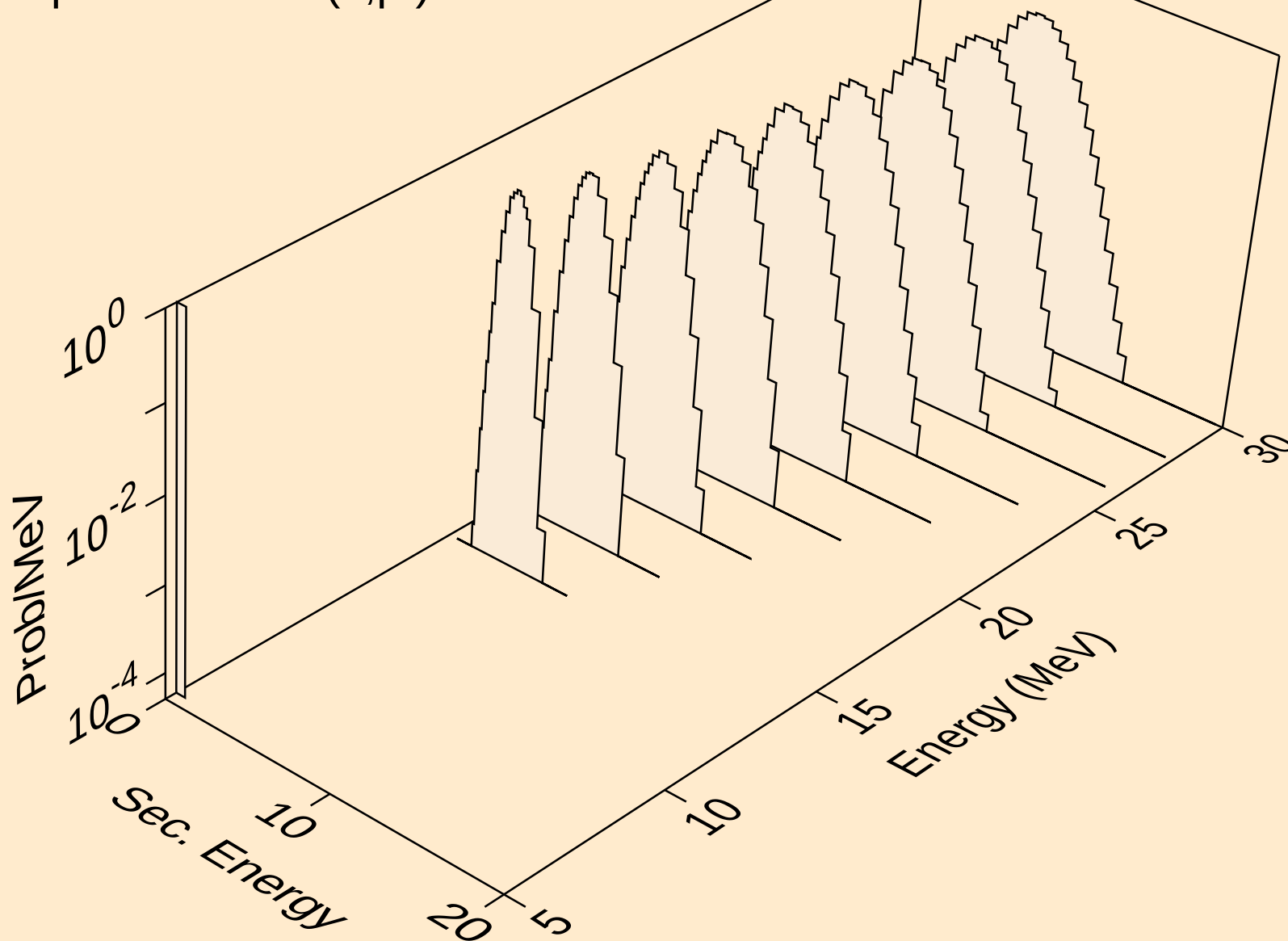
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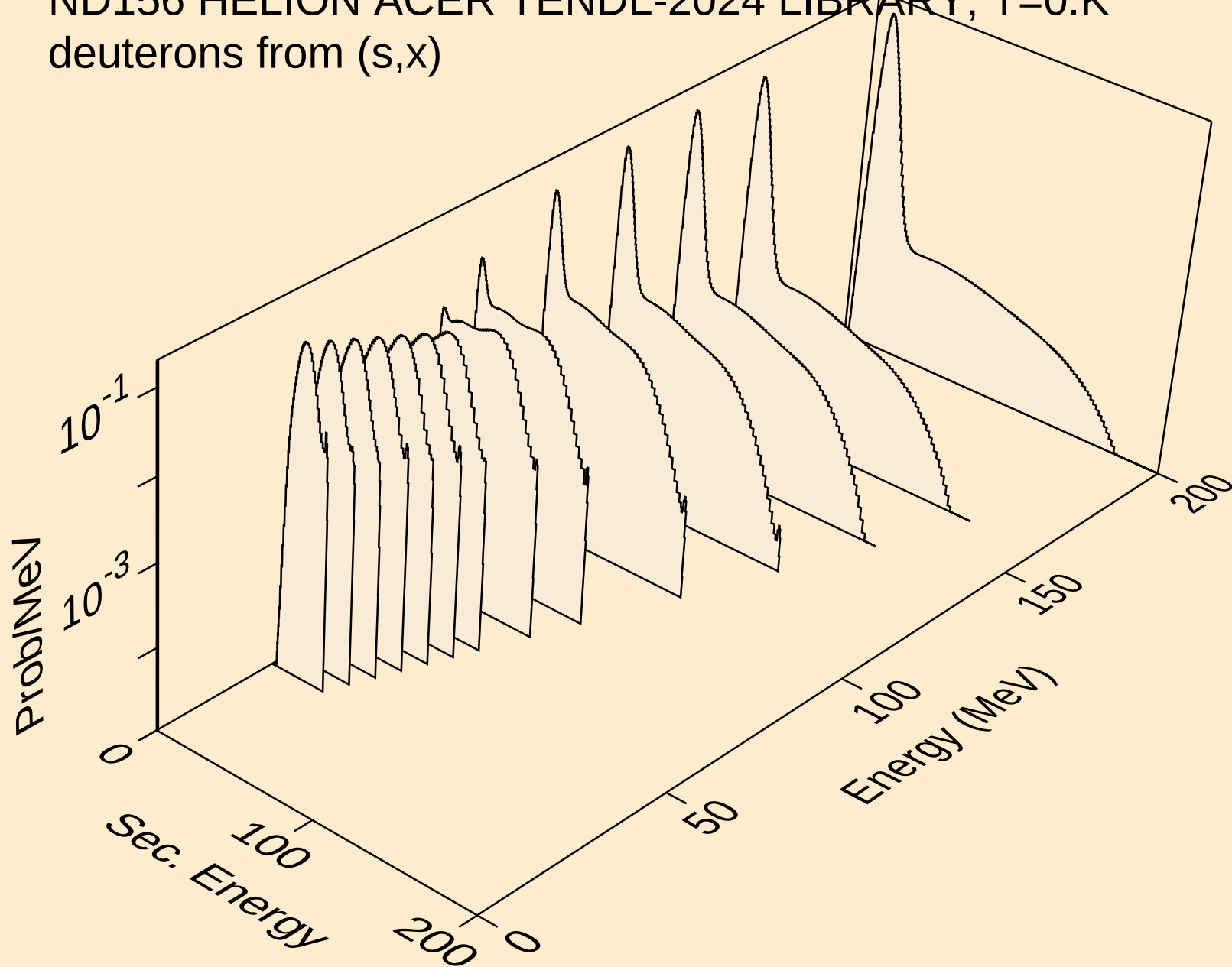
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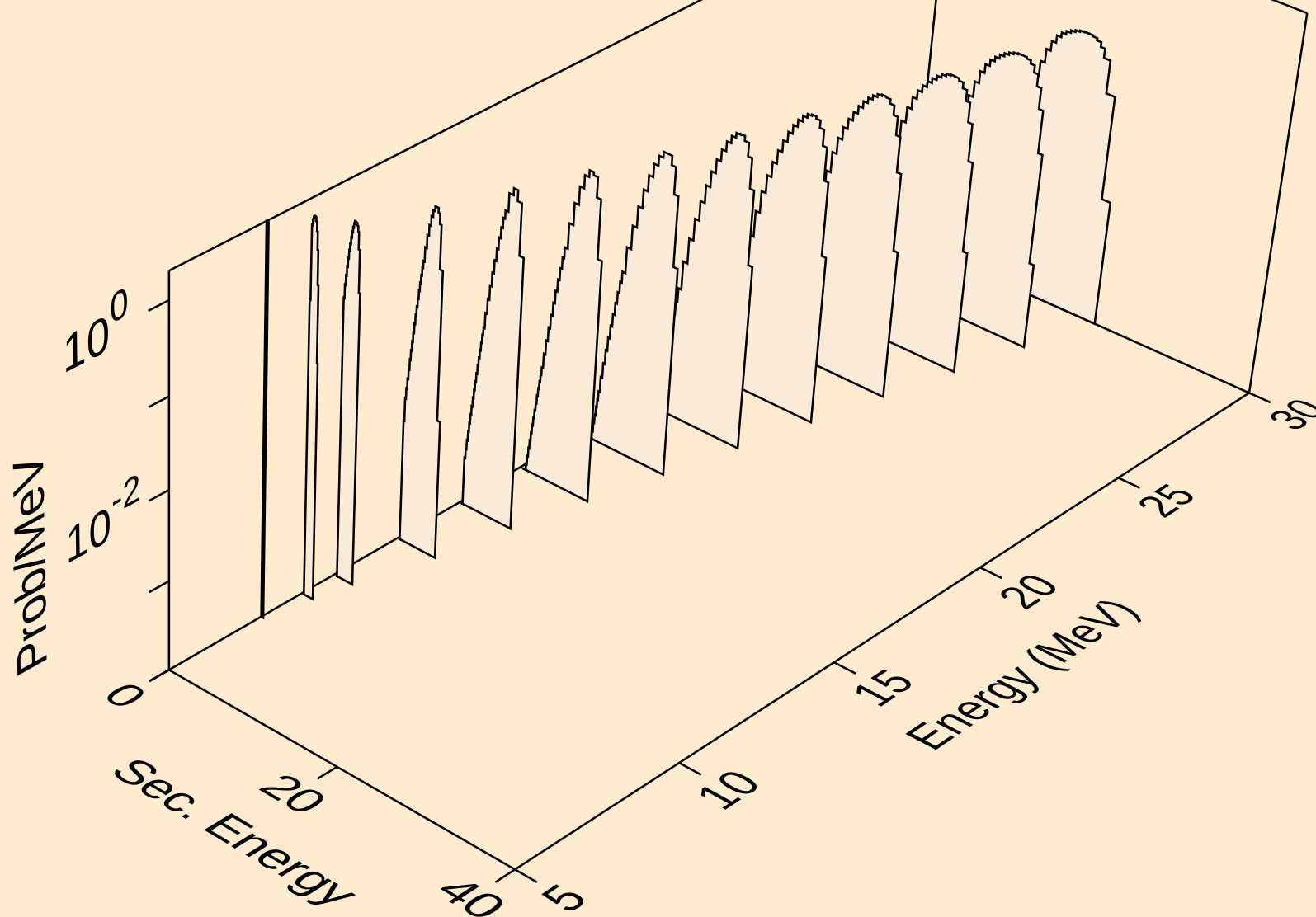
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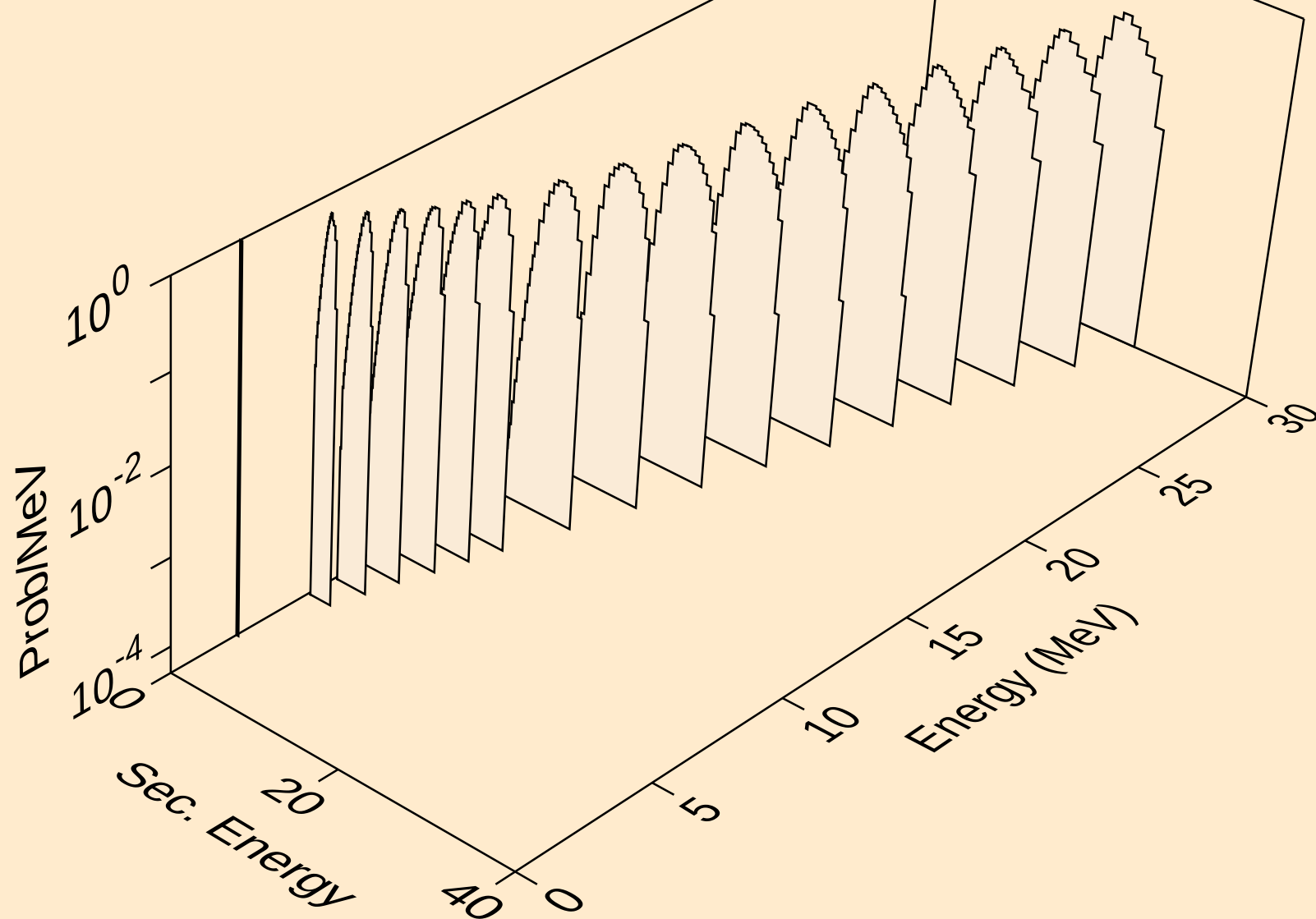
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deuterons from (s,x)



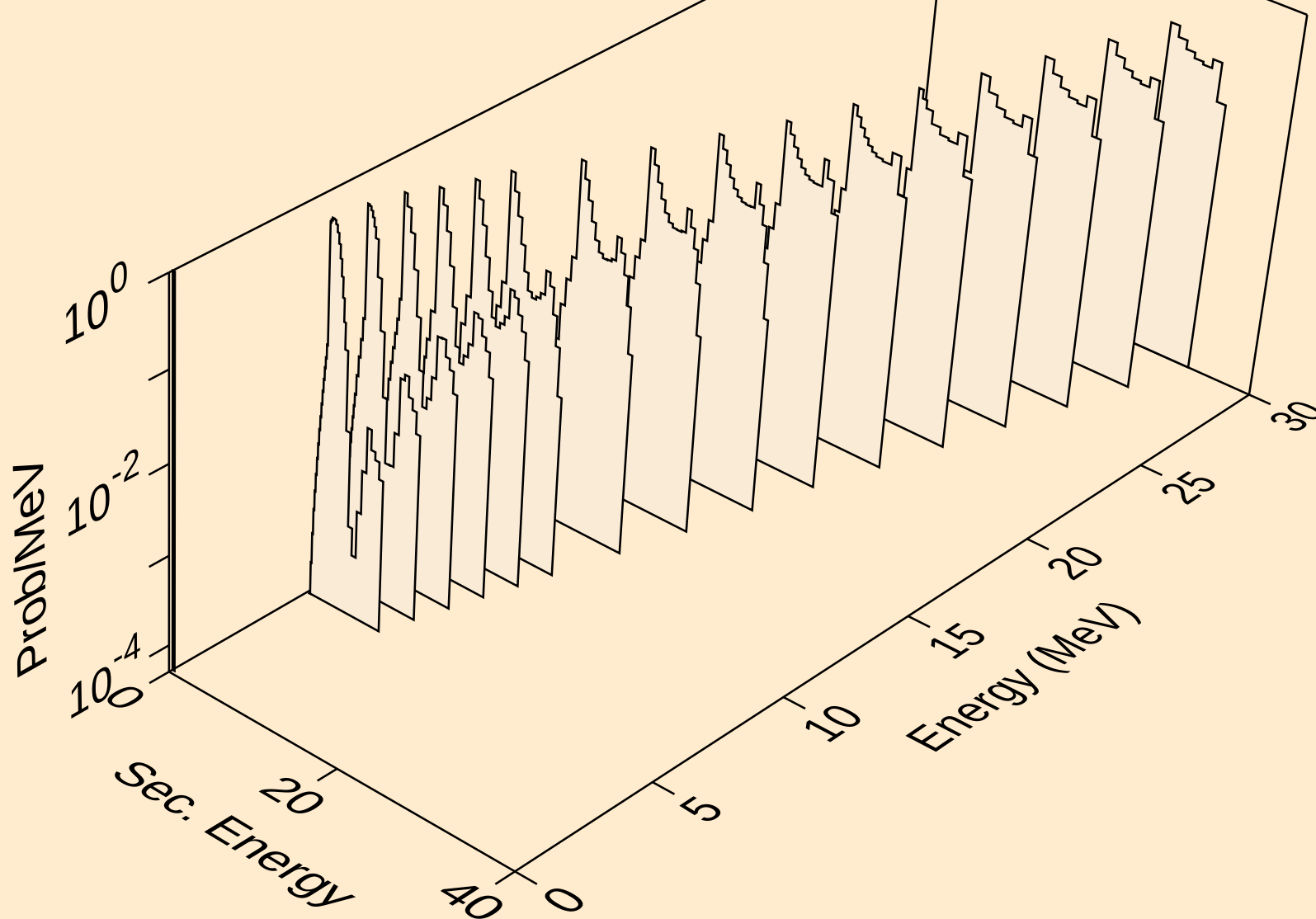
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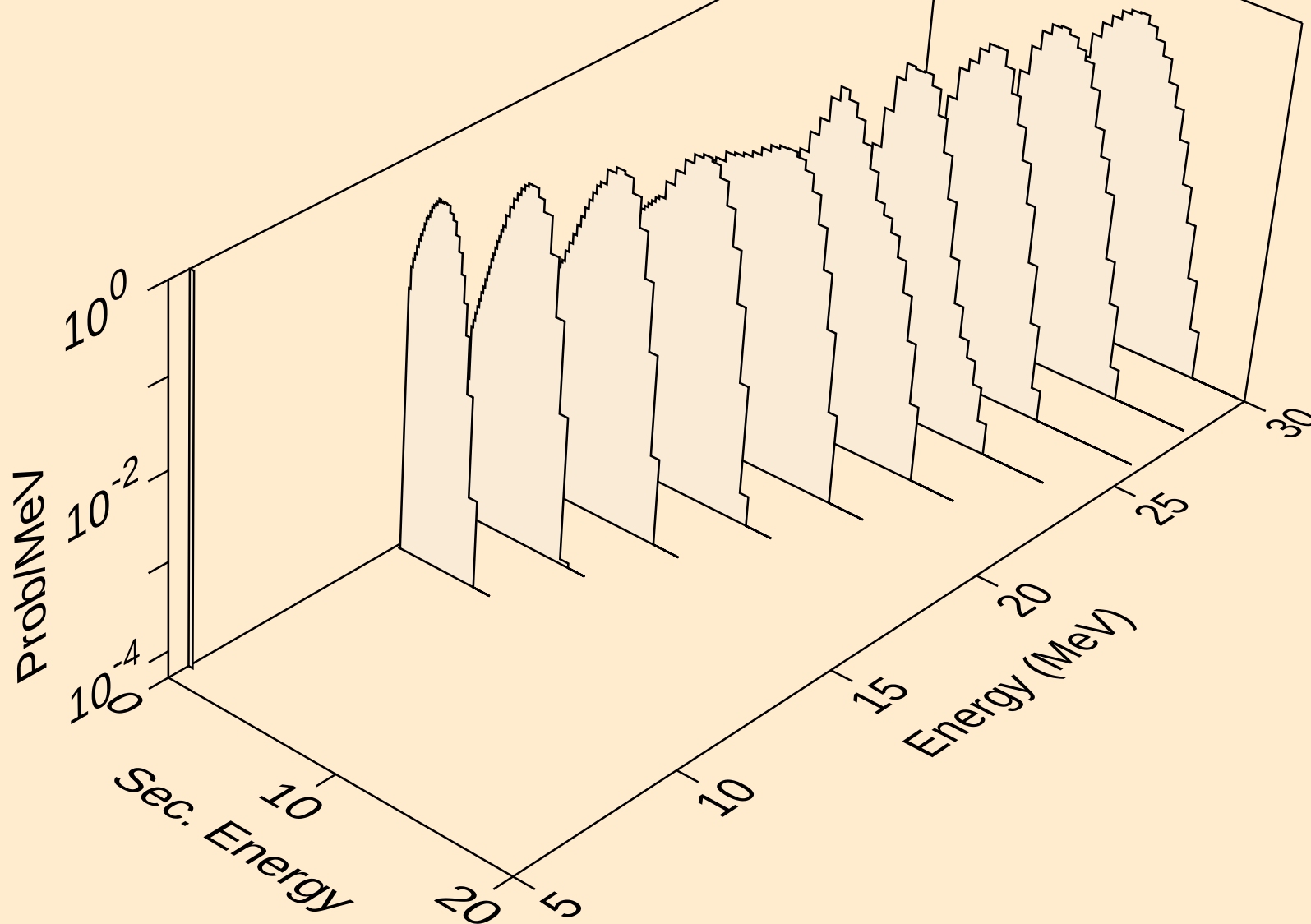
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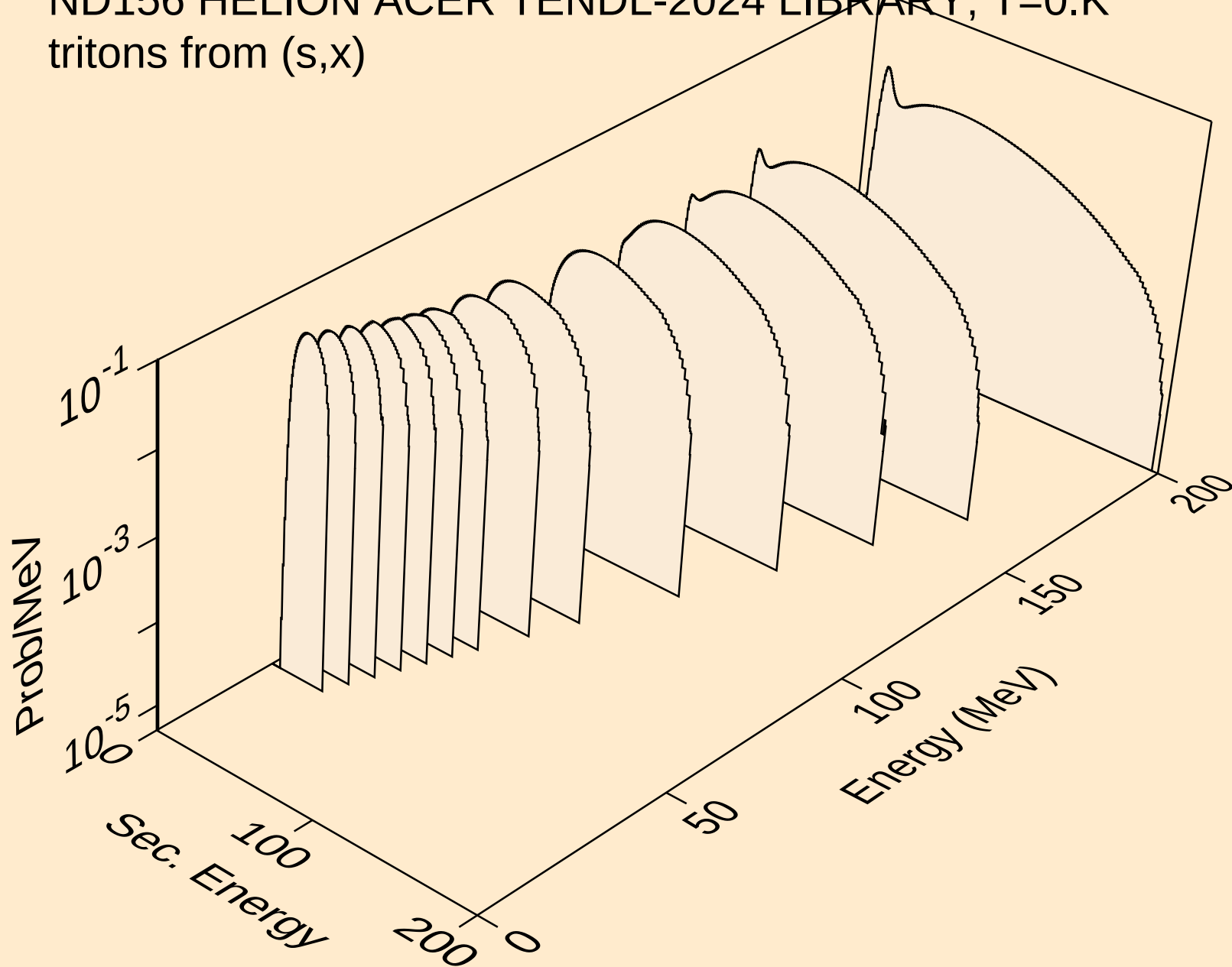
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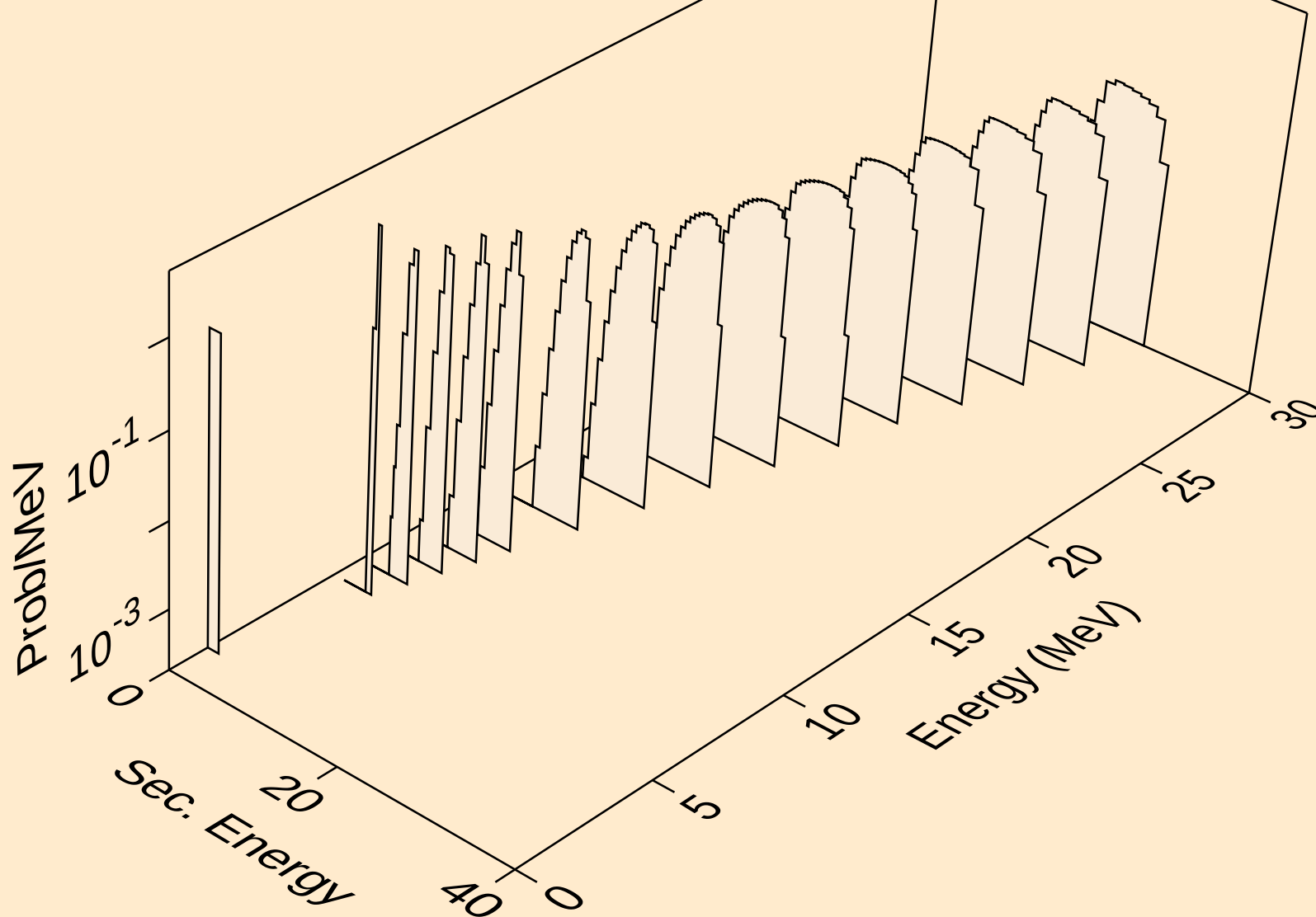
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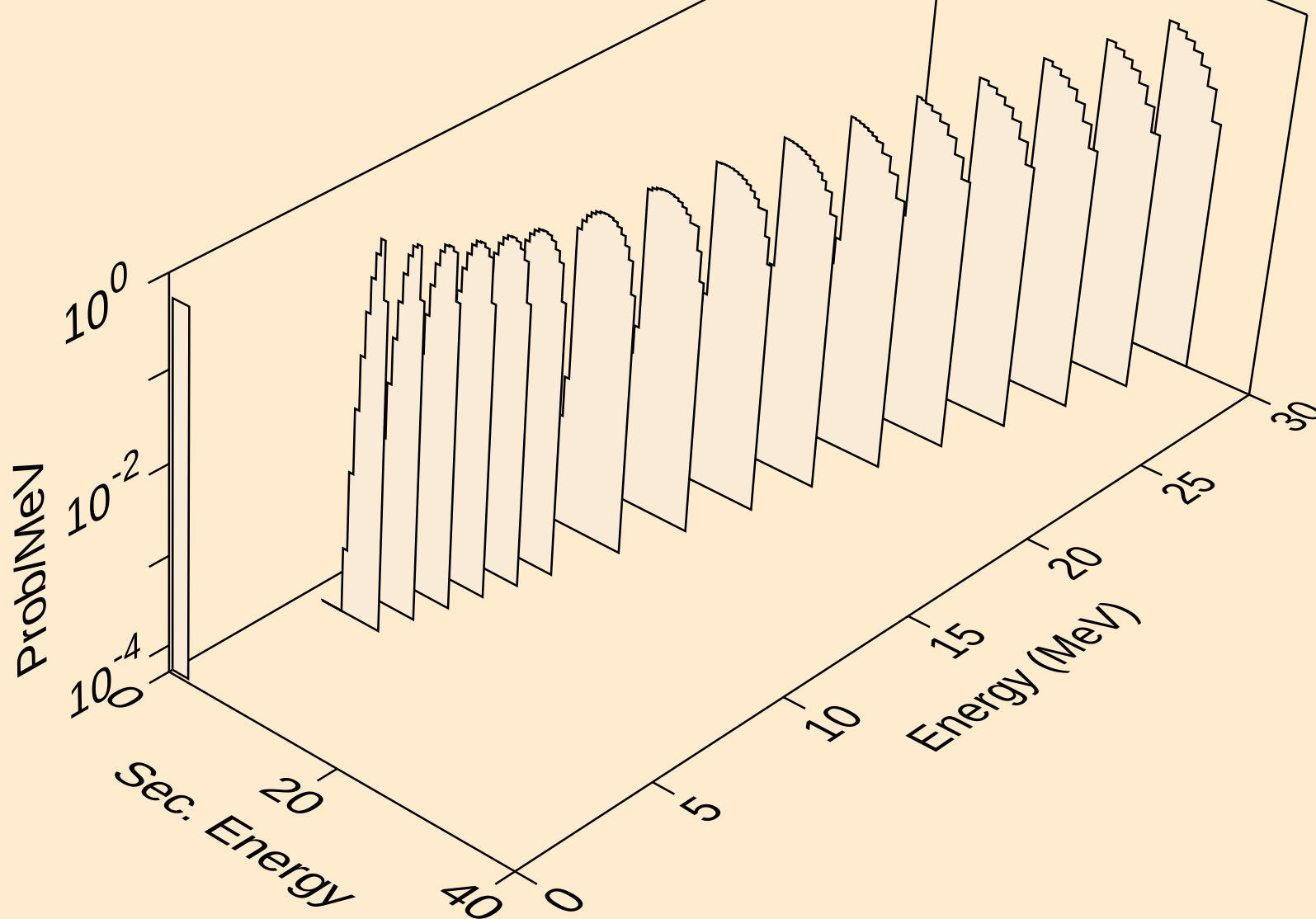
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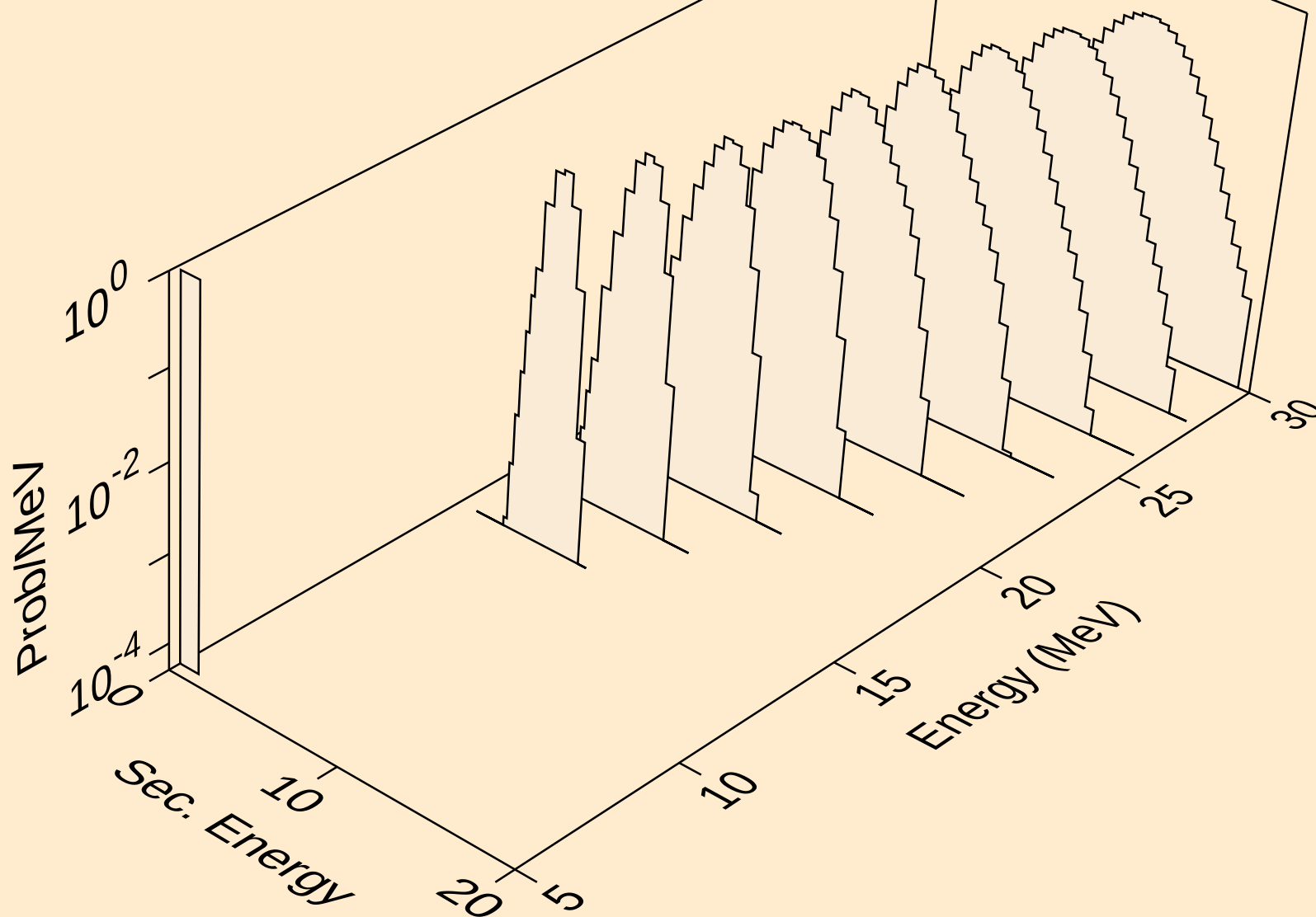
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tritons from (s,n\*)t



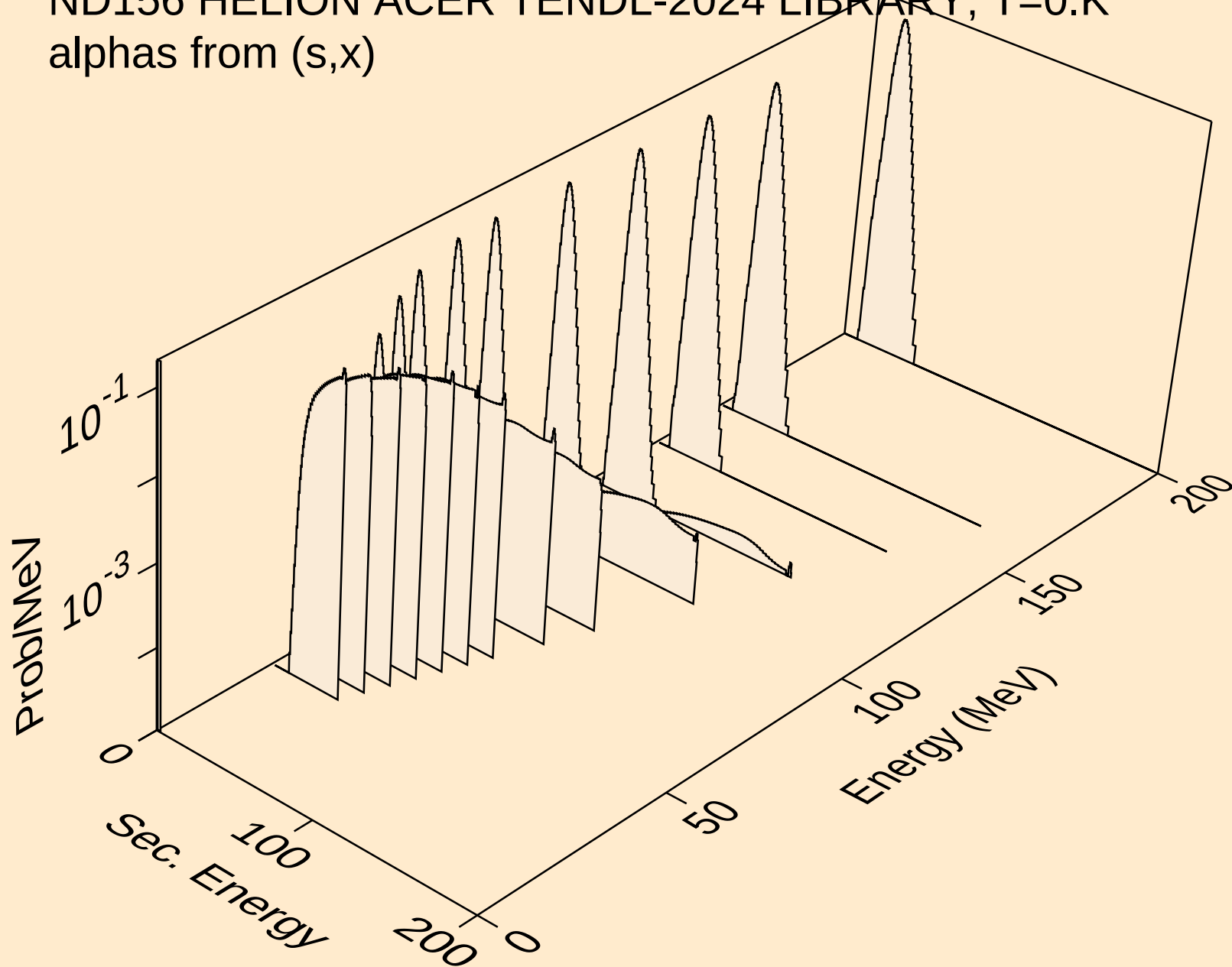
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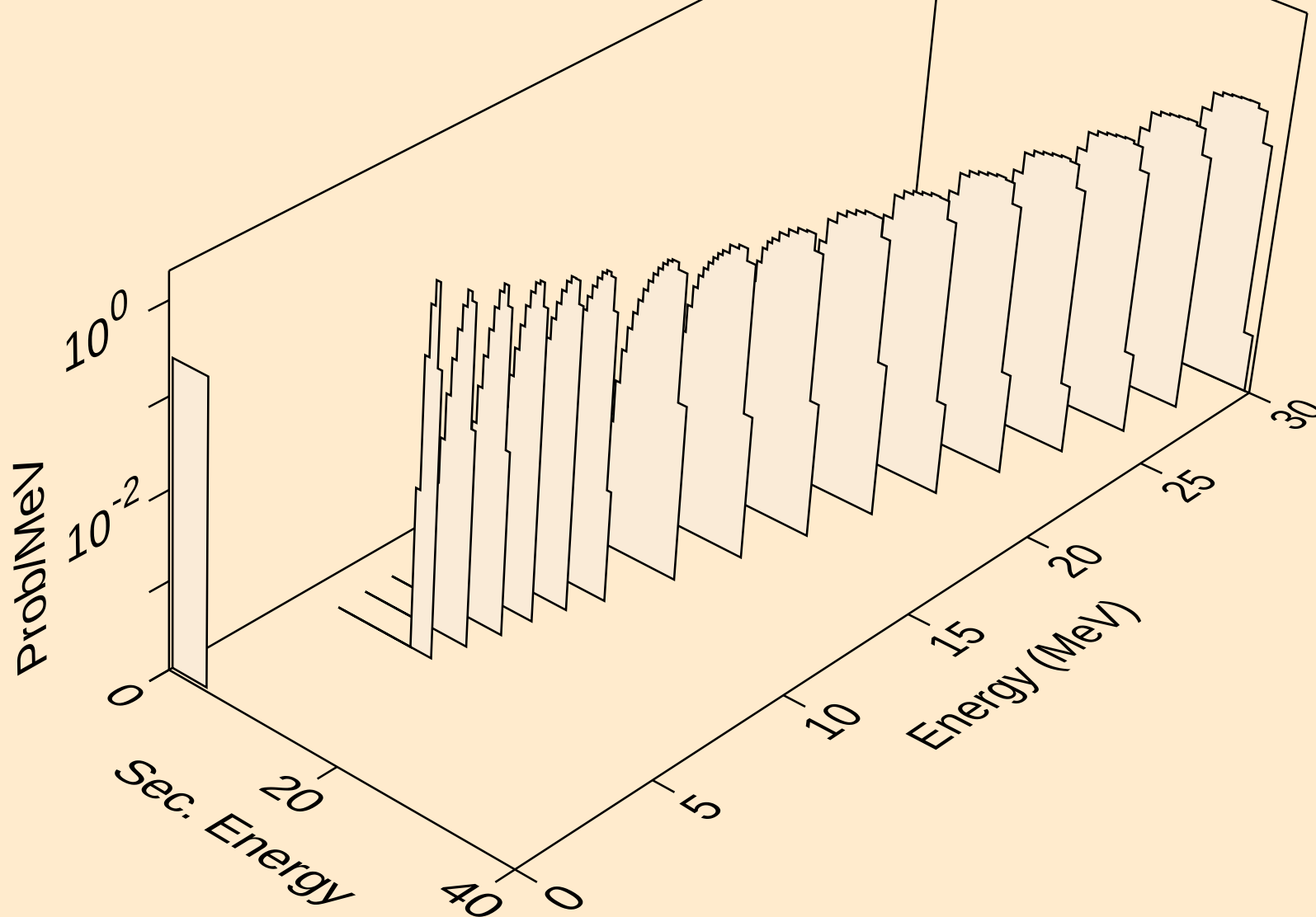
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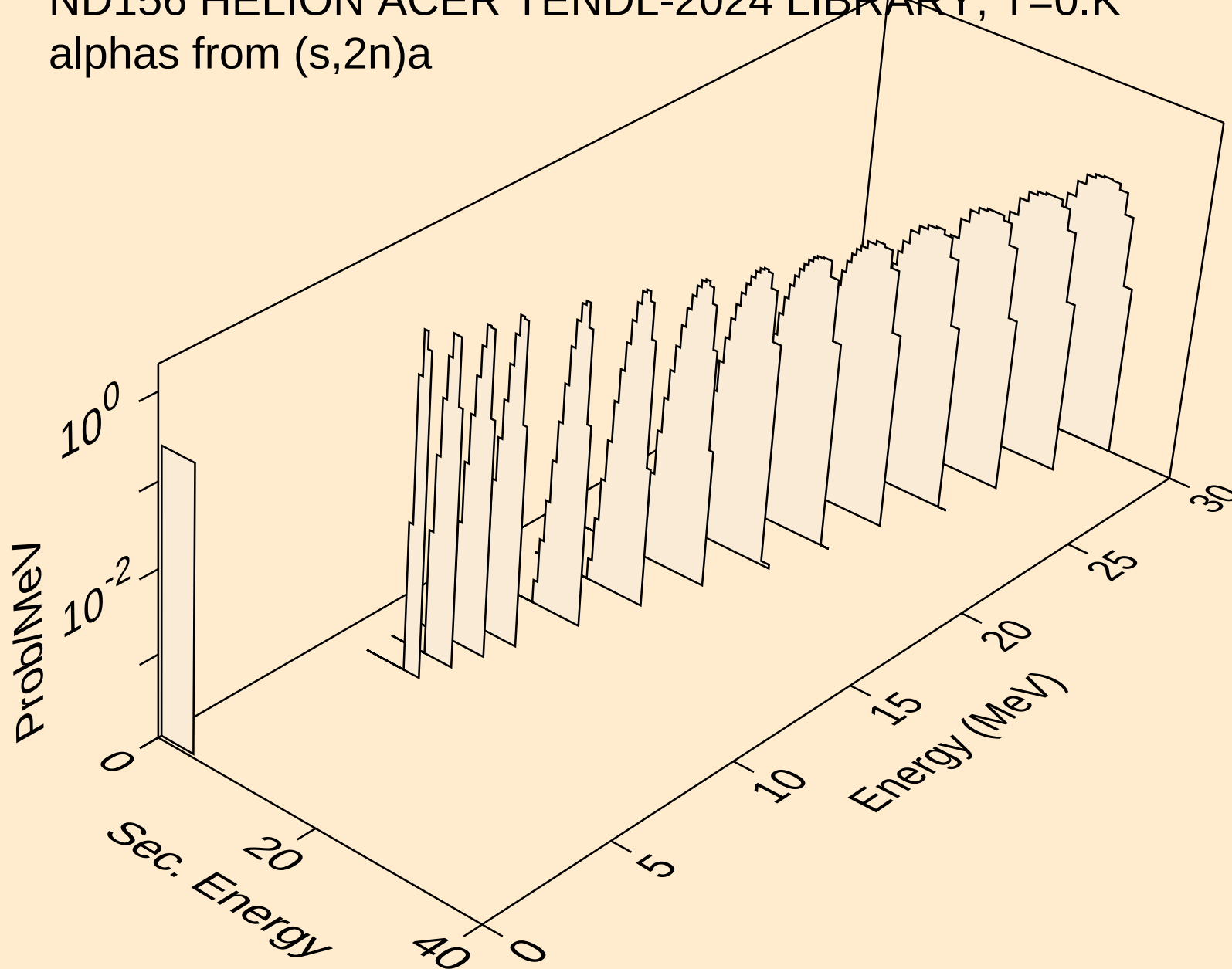
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alphas from (s,x)



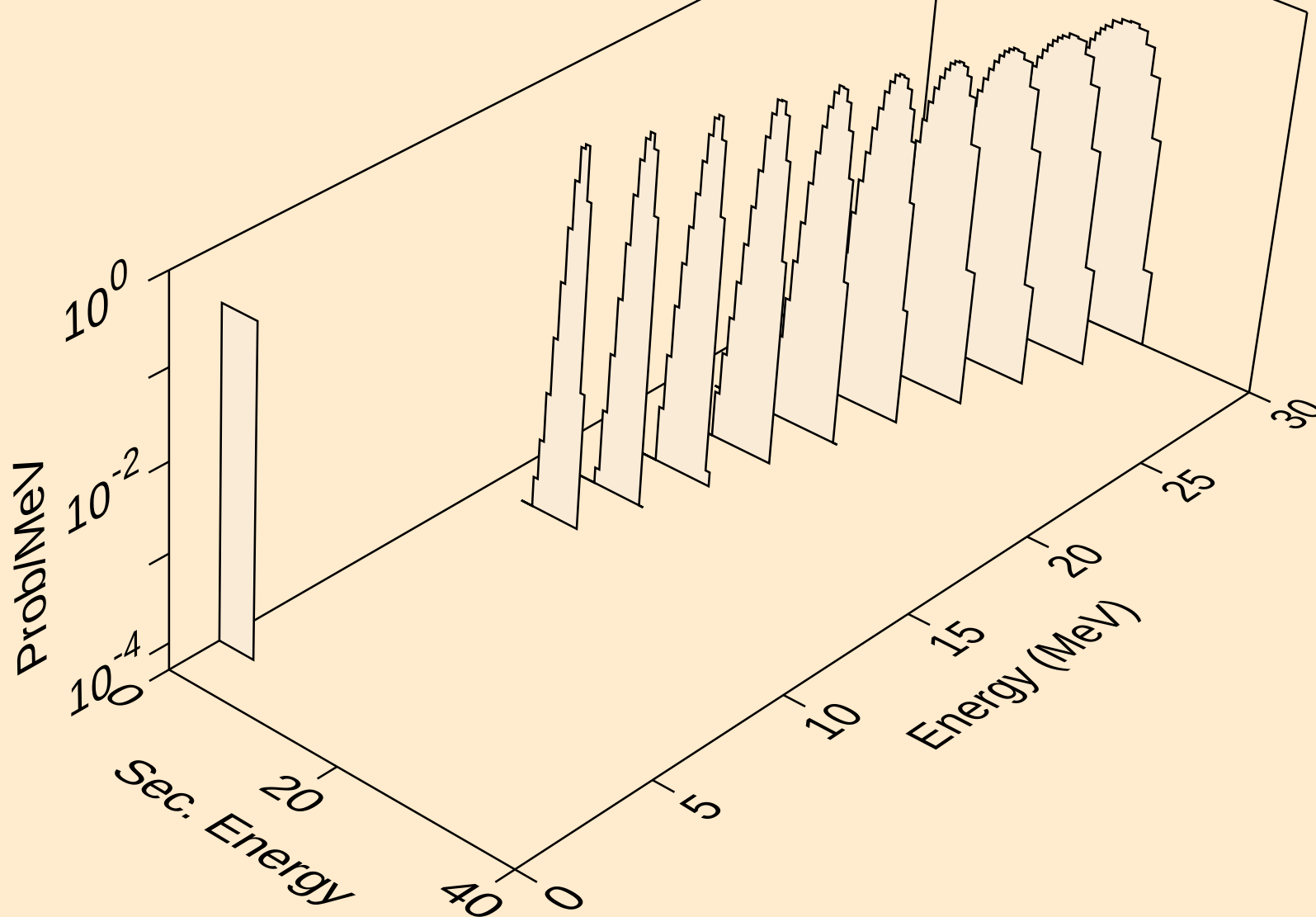
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alphas from (s,n\*)a



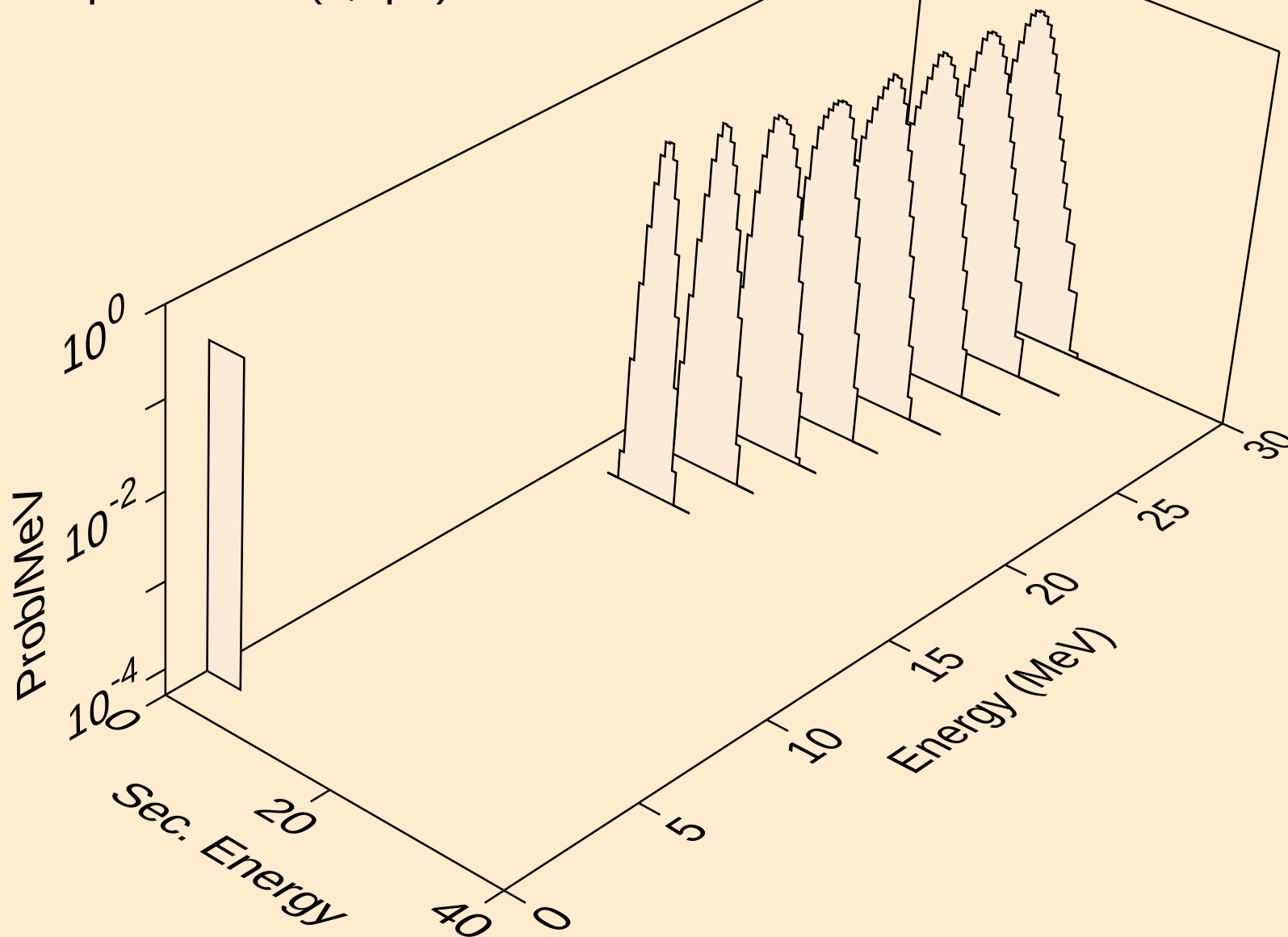
ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



ND156 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

