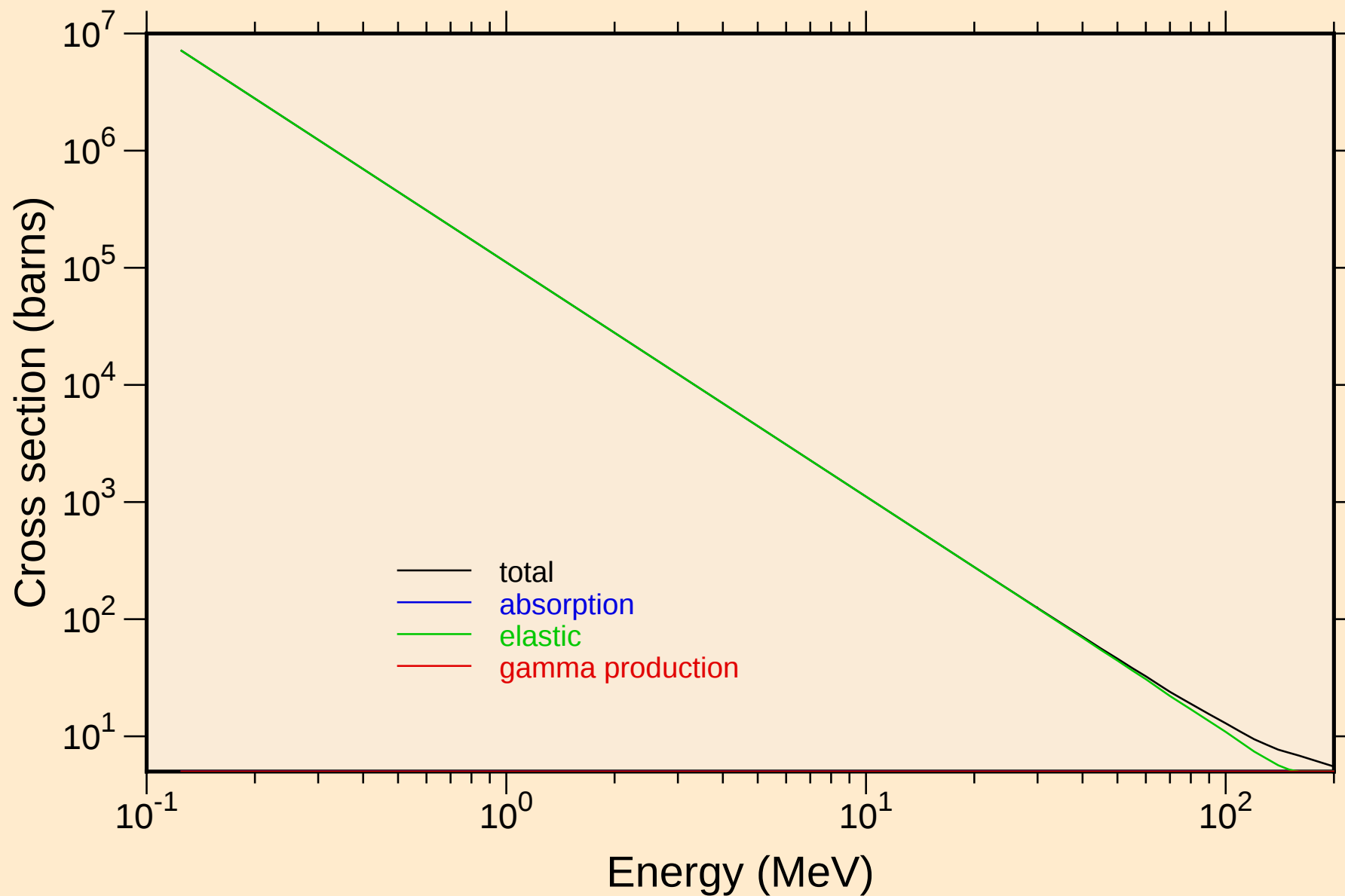


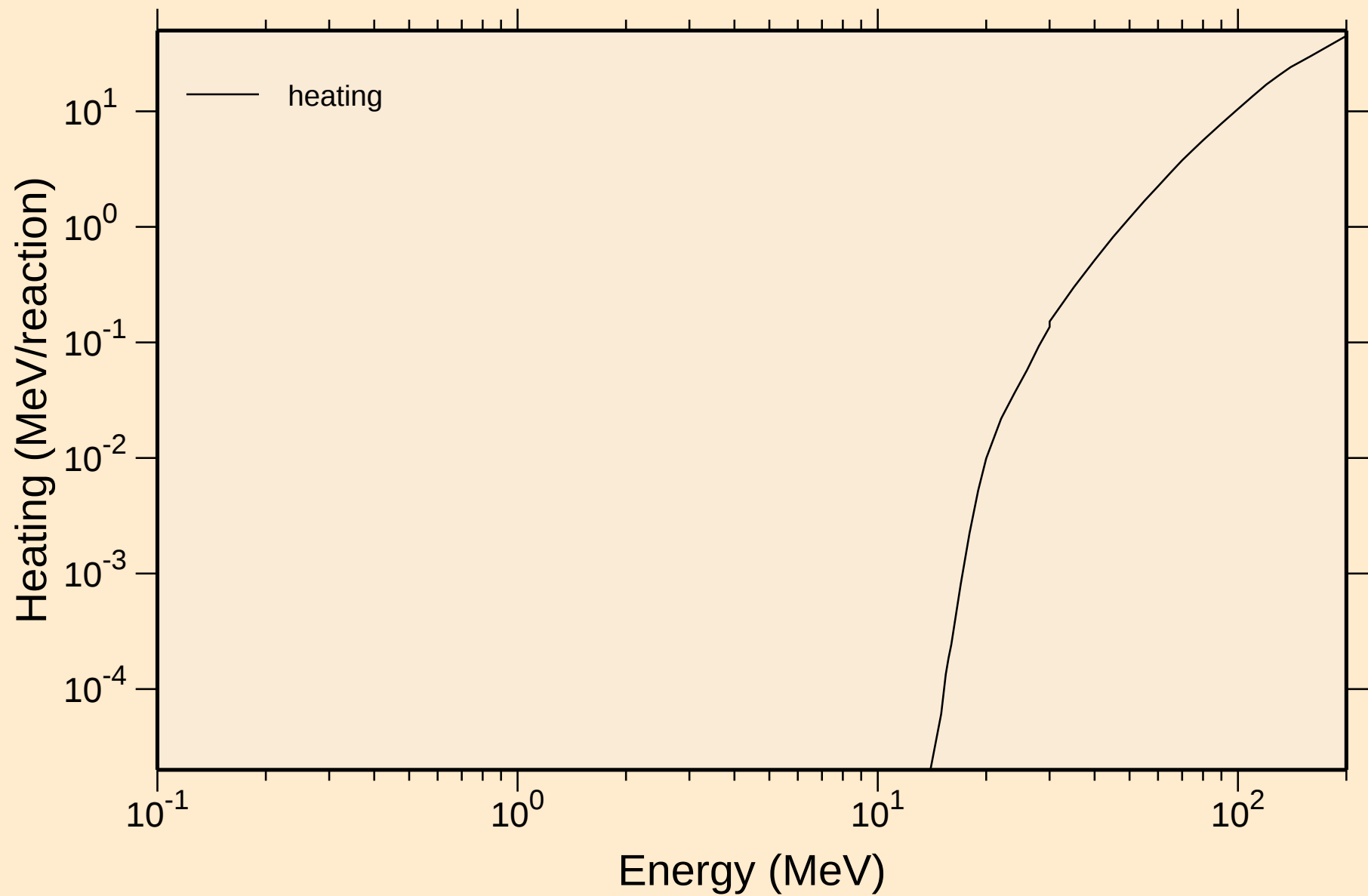
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



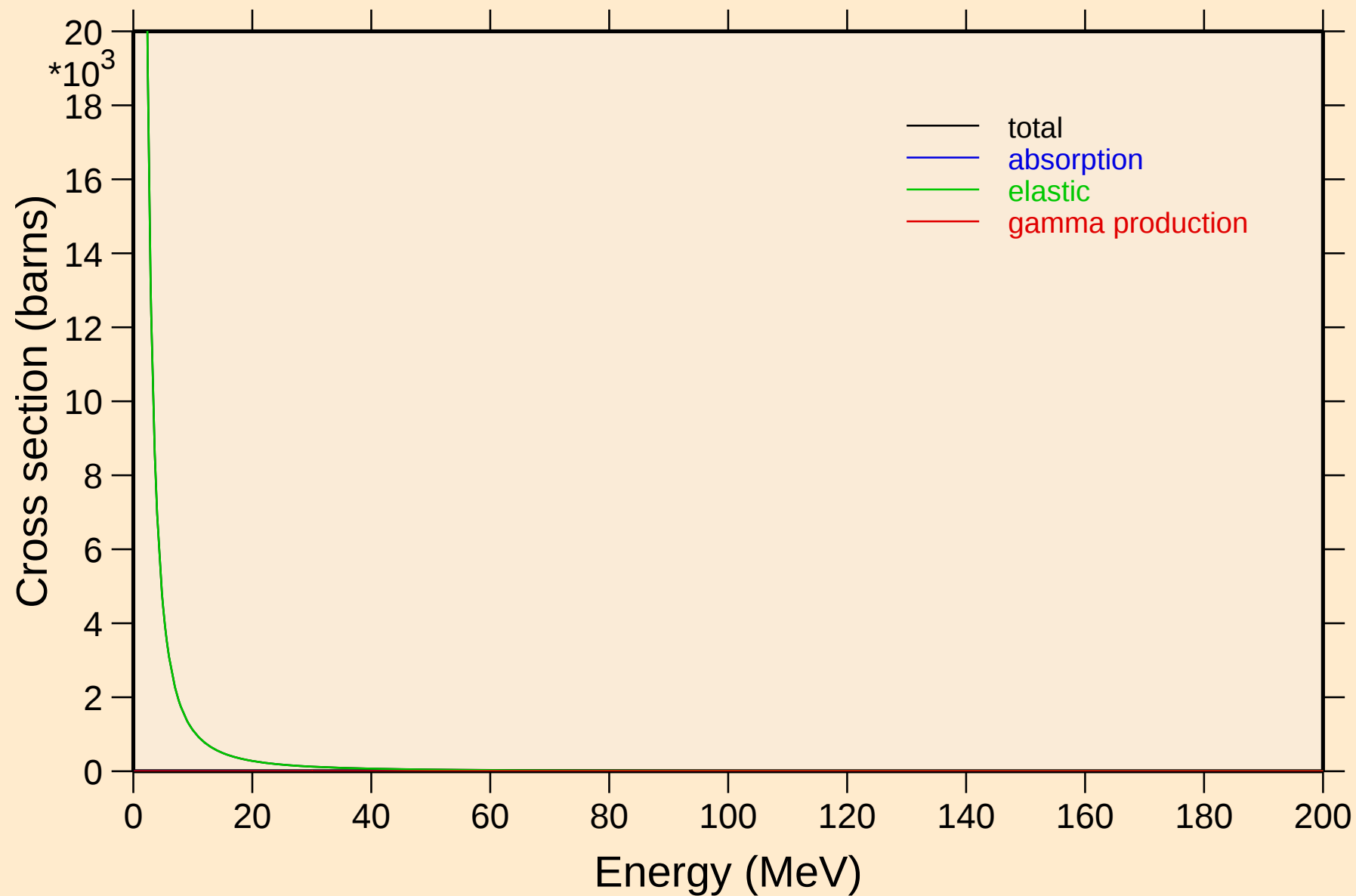
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



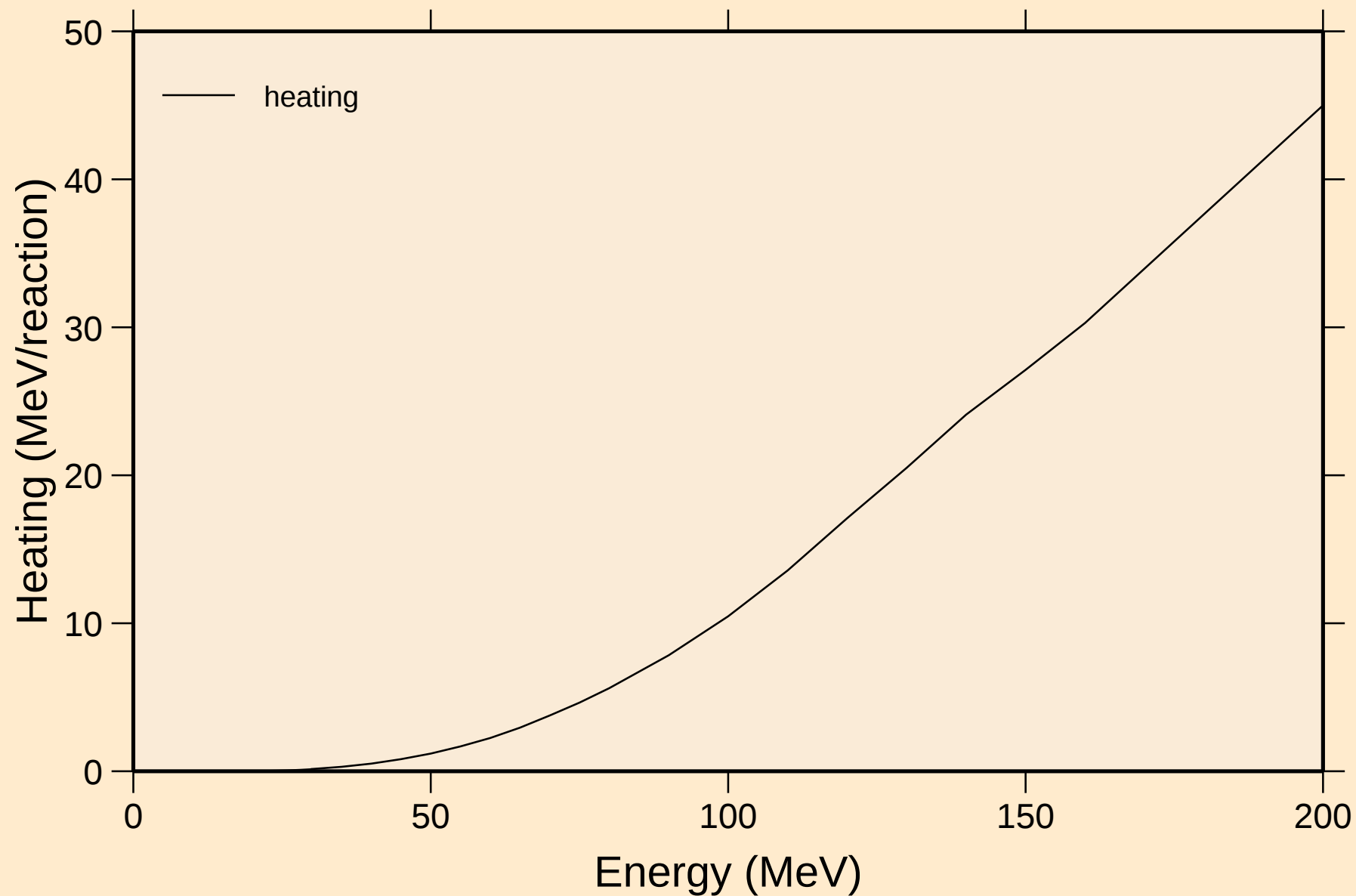
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



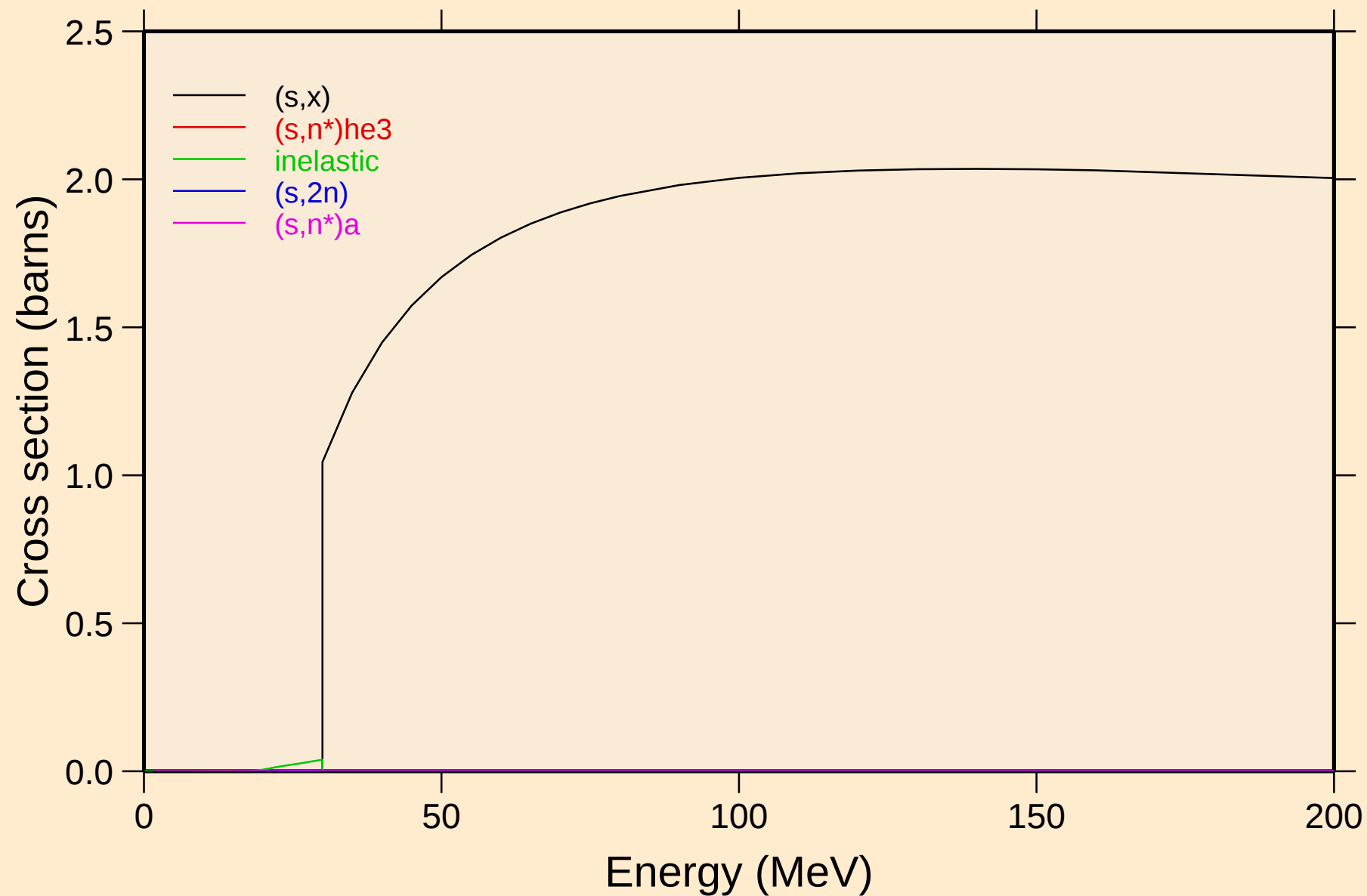
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



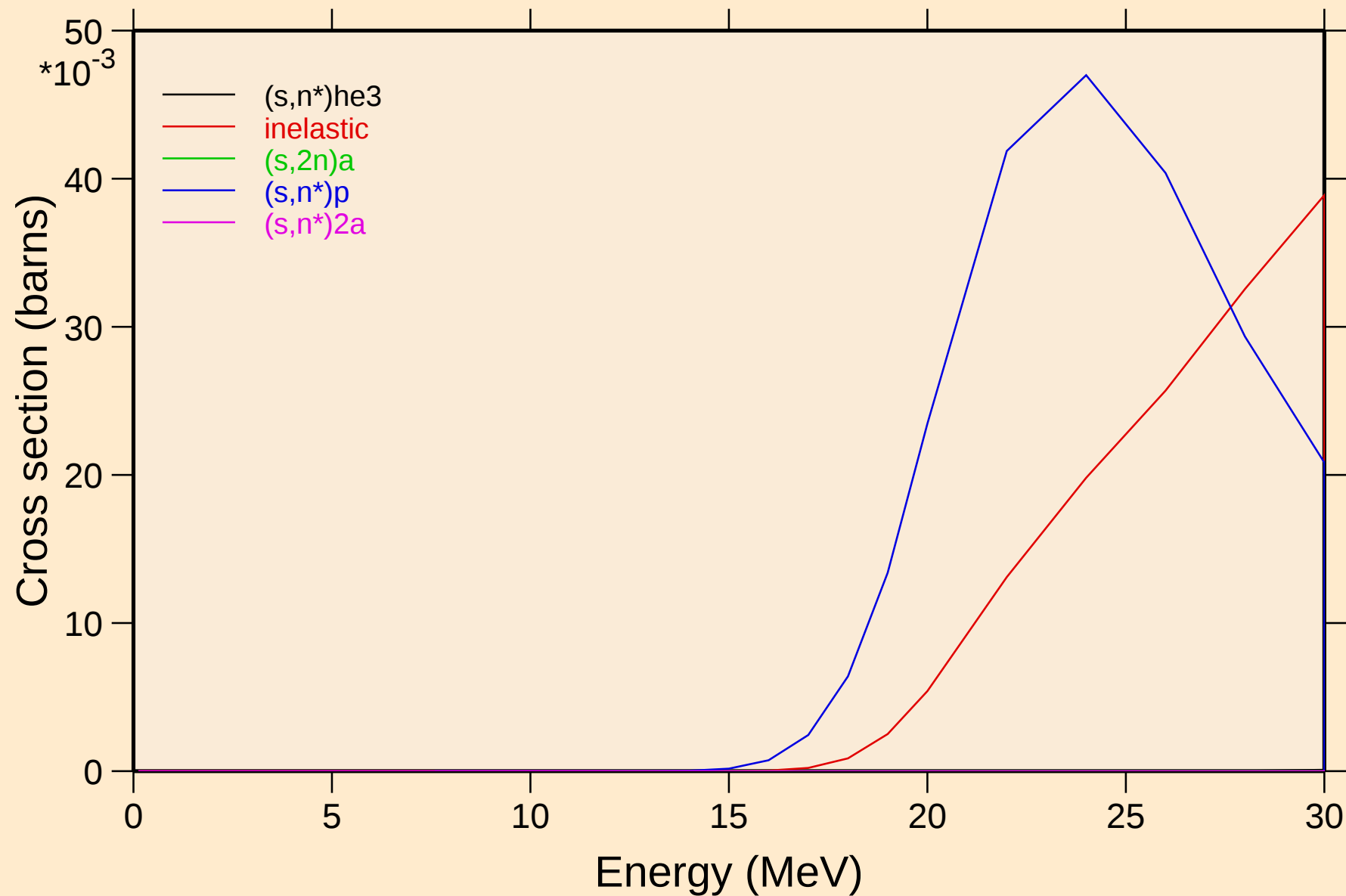
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



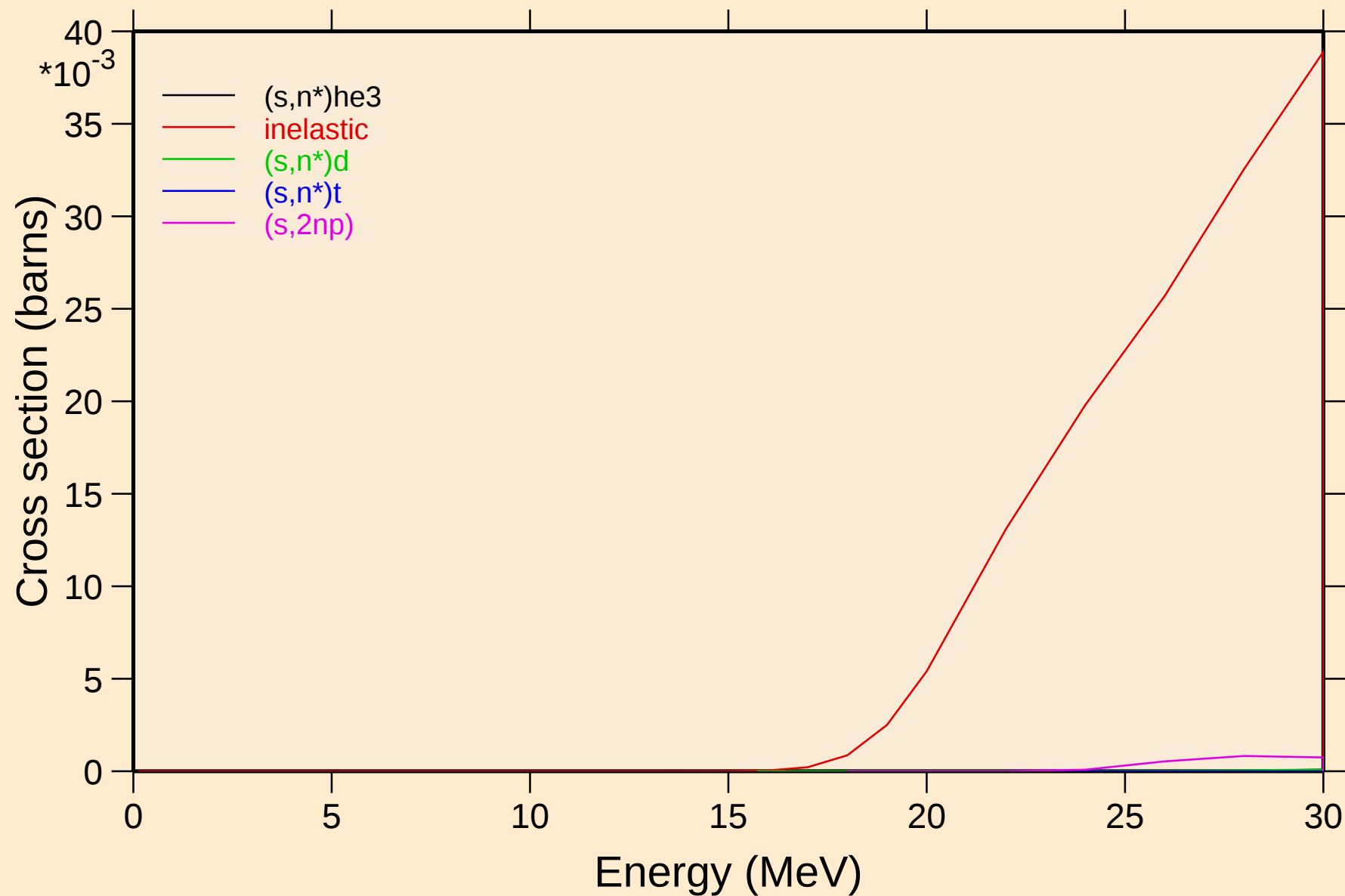
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



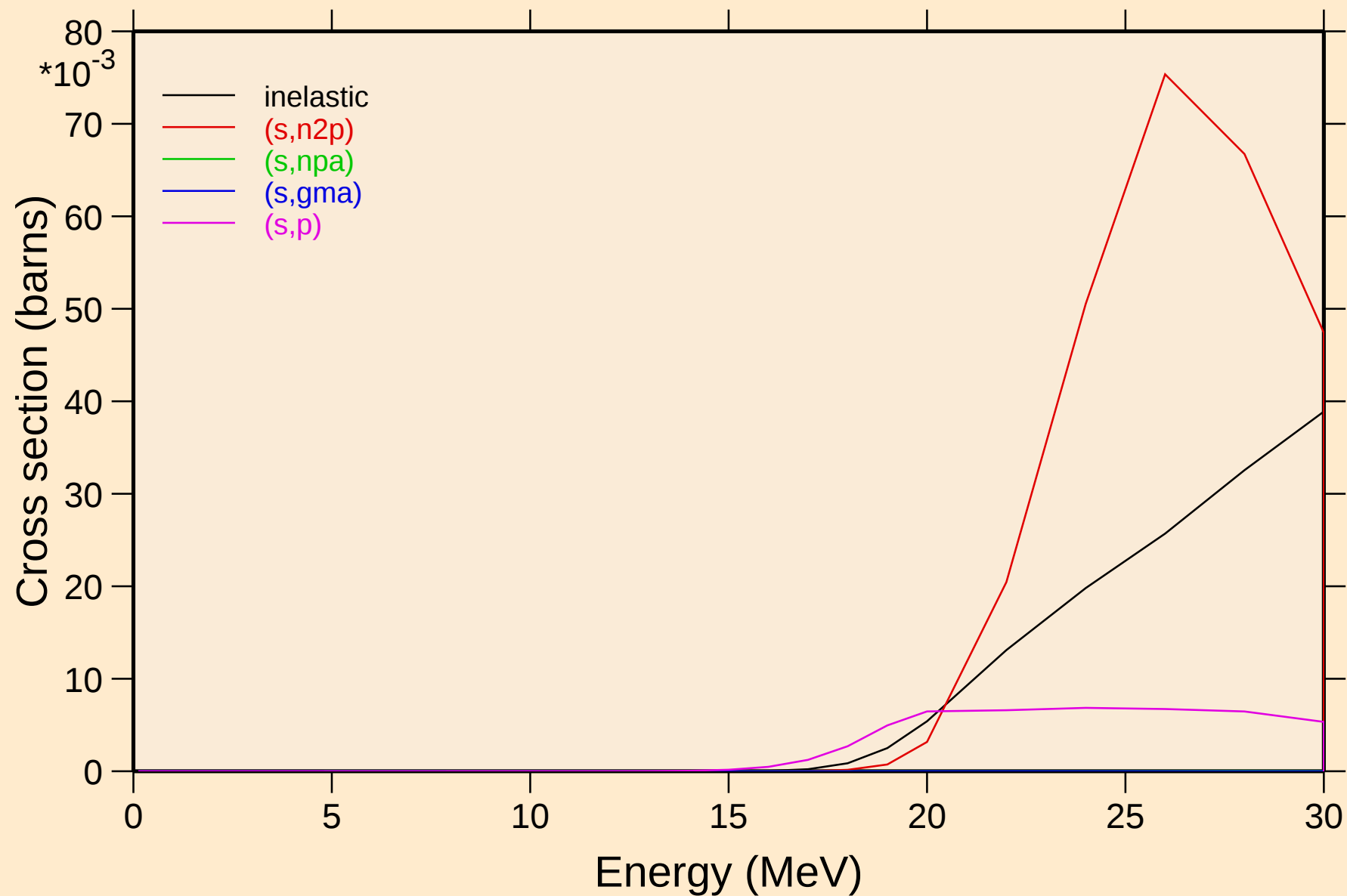
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



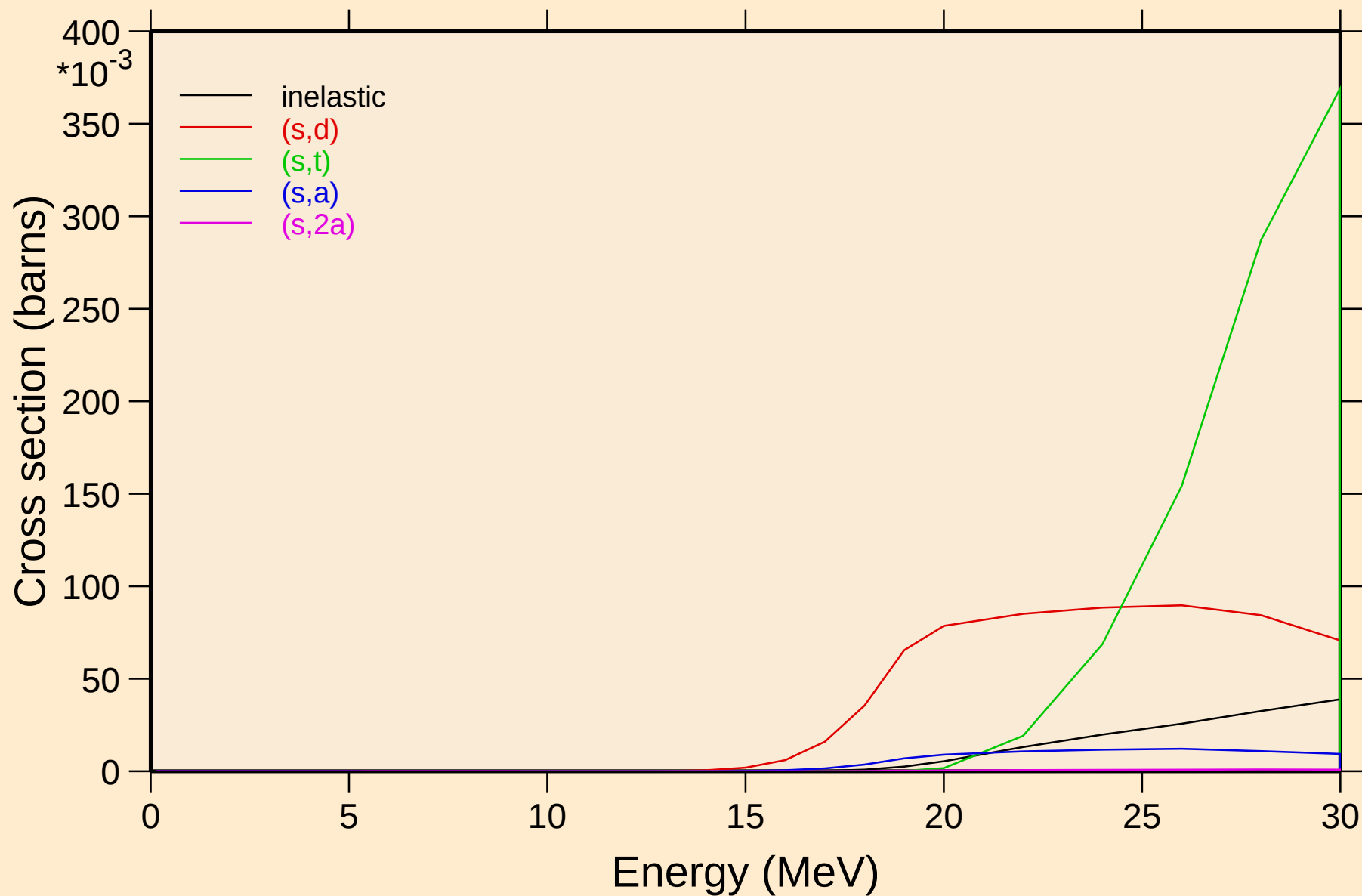
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



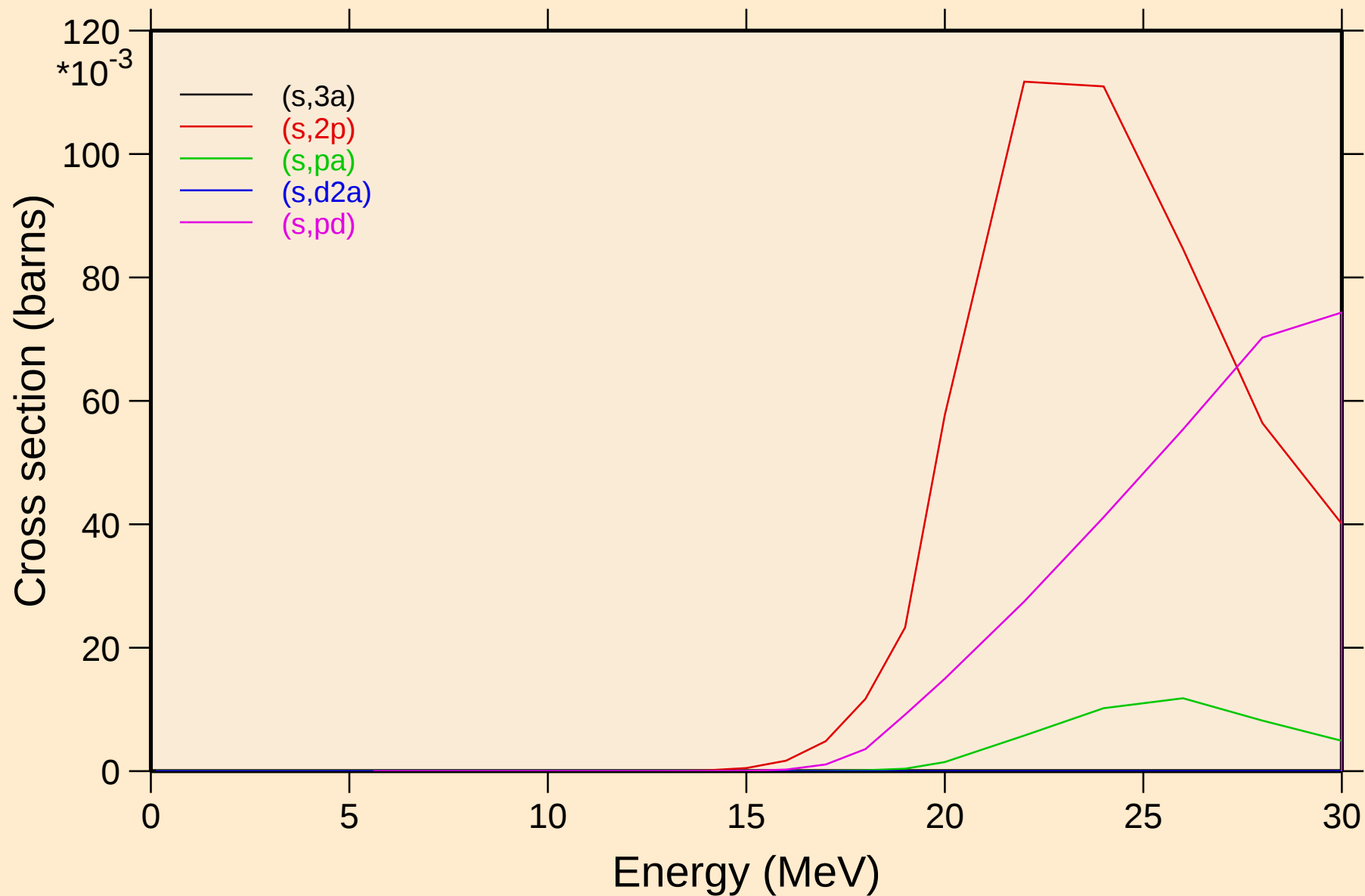
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



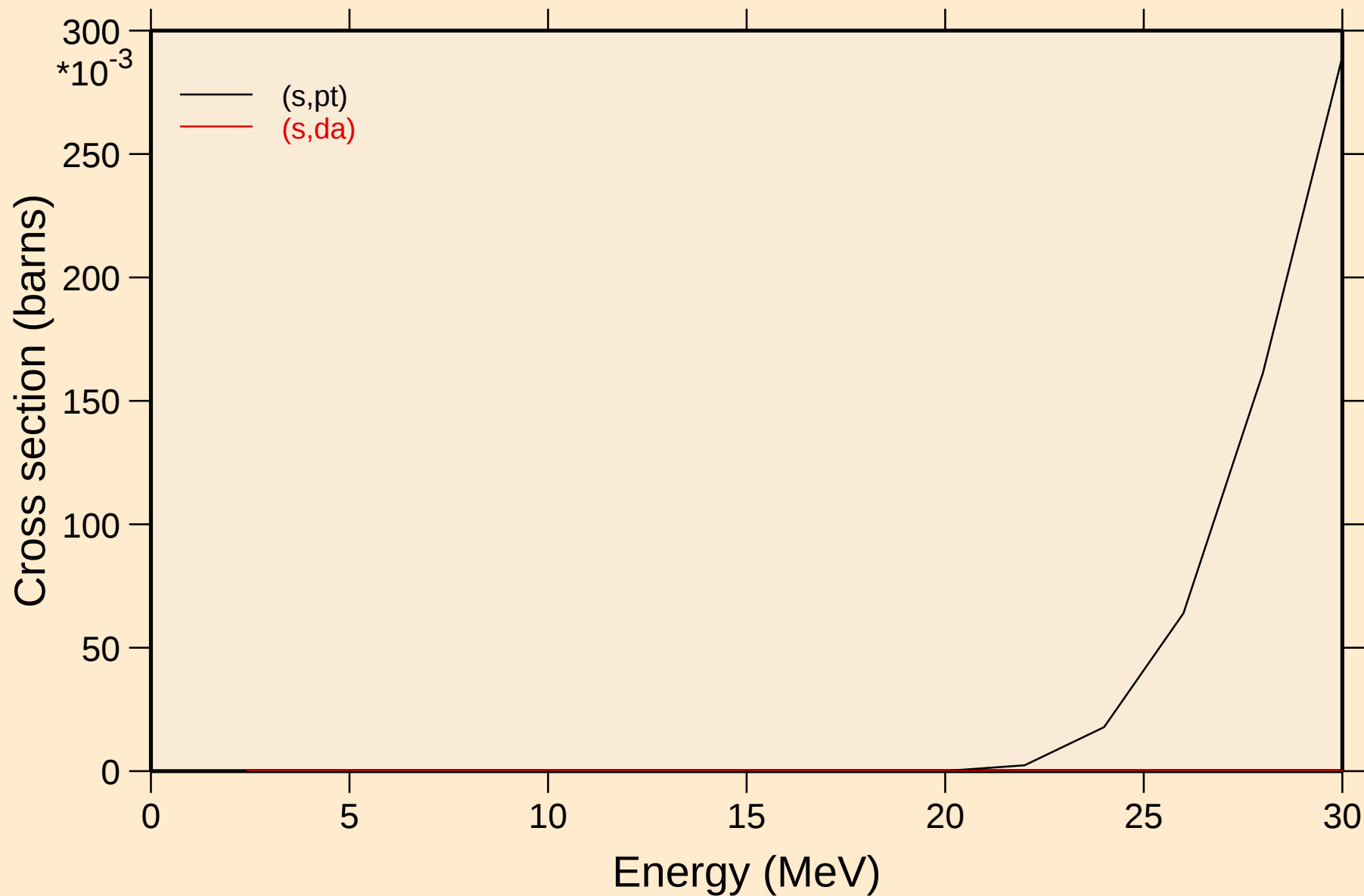
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

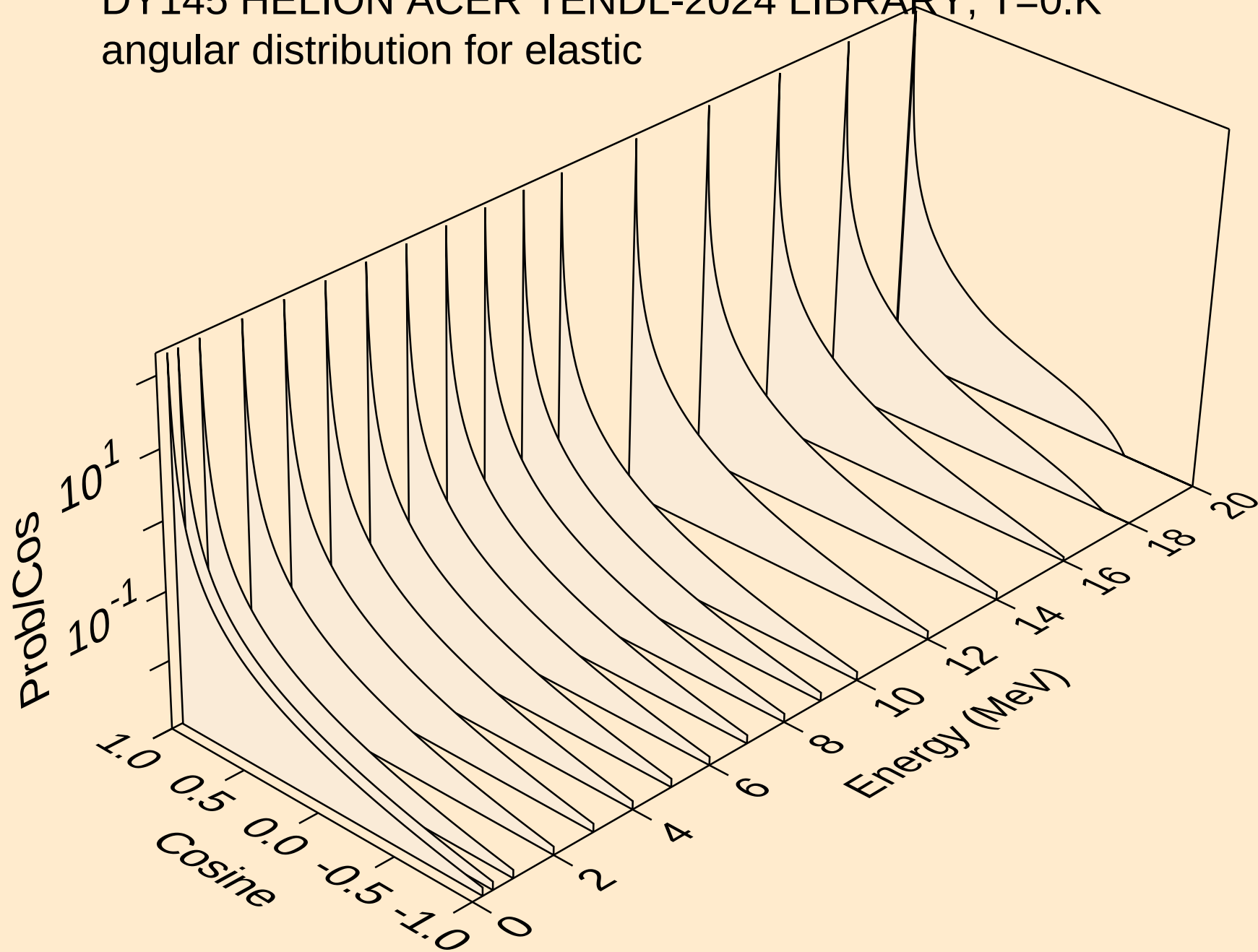


# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

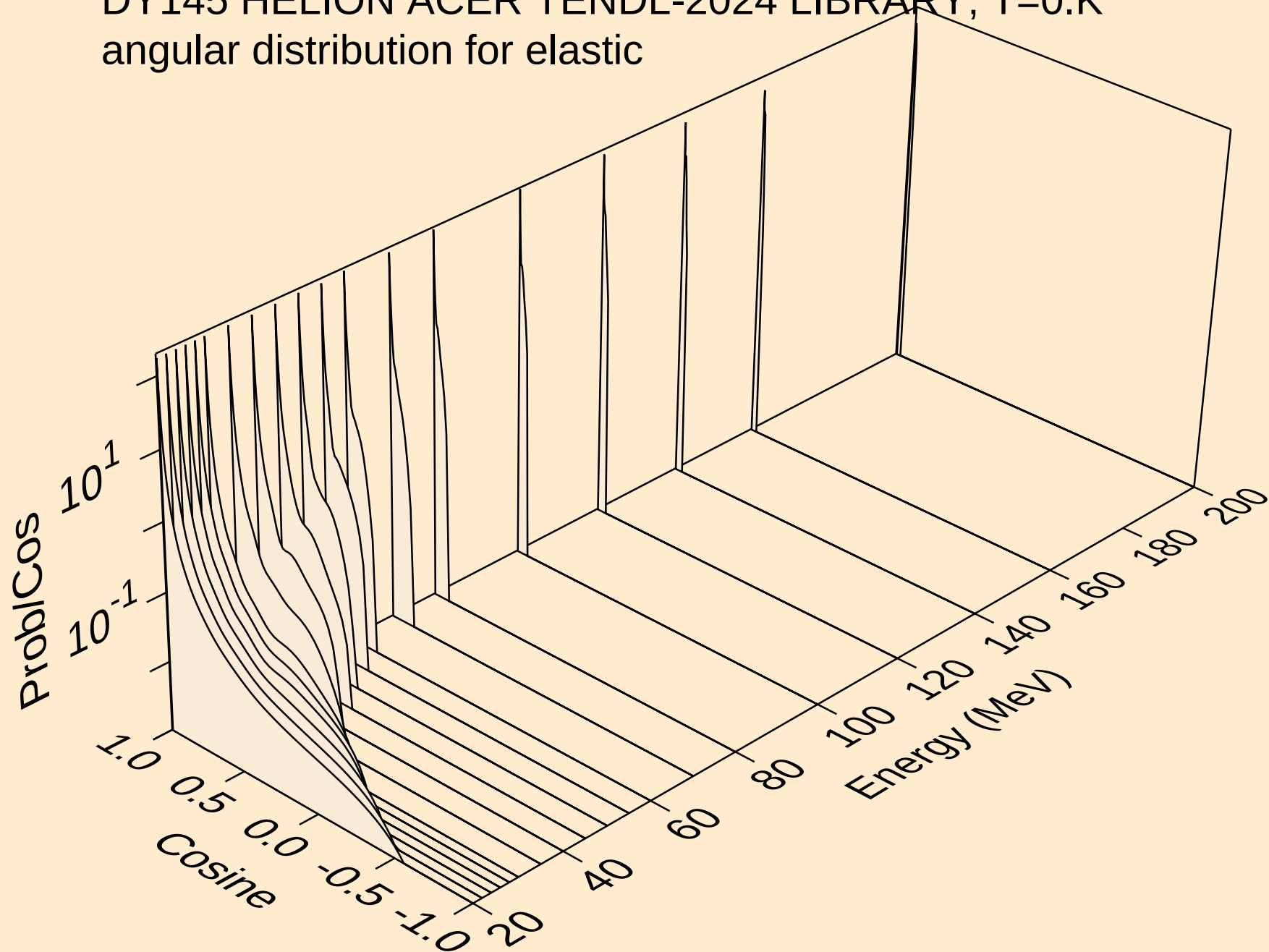
Threshold reactions



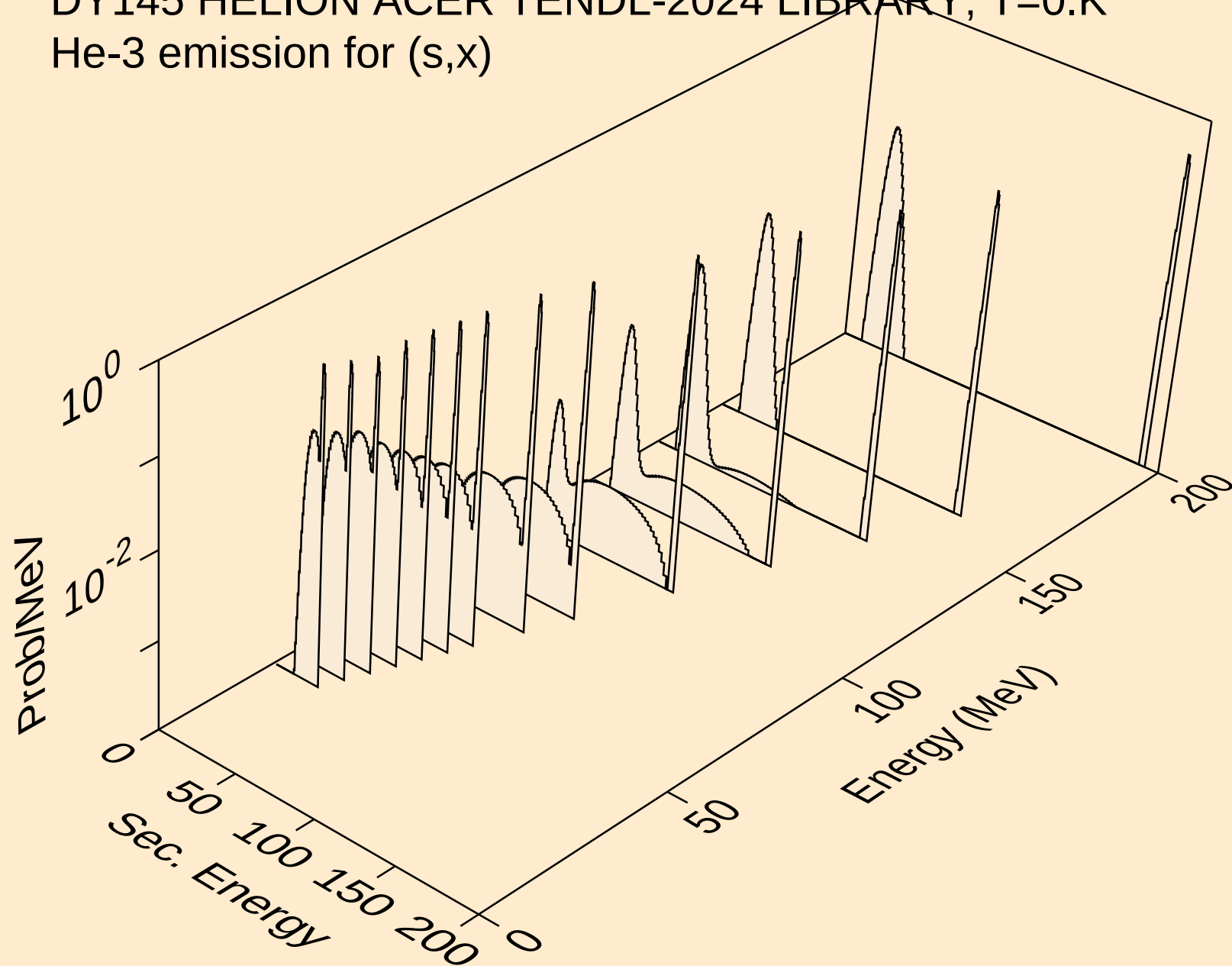
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



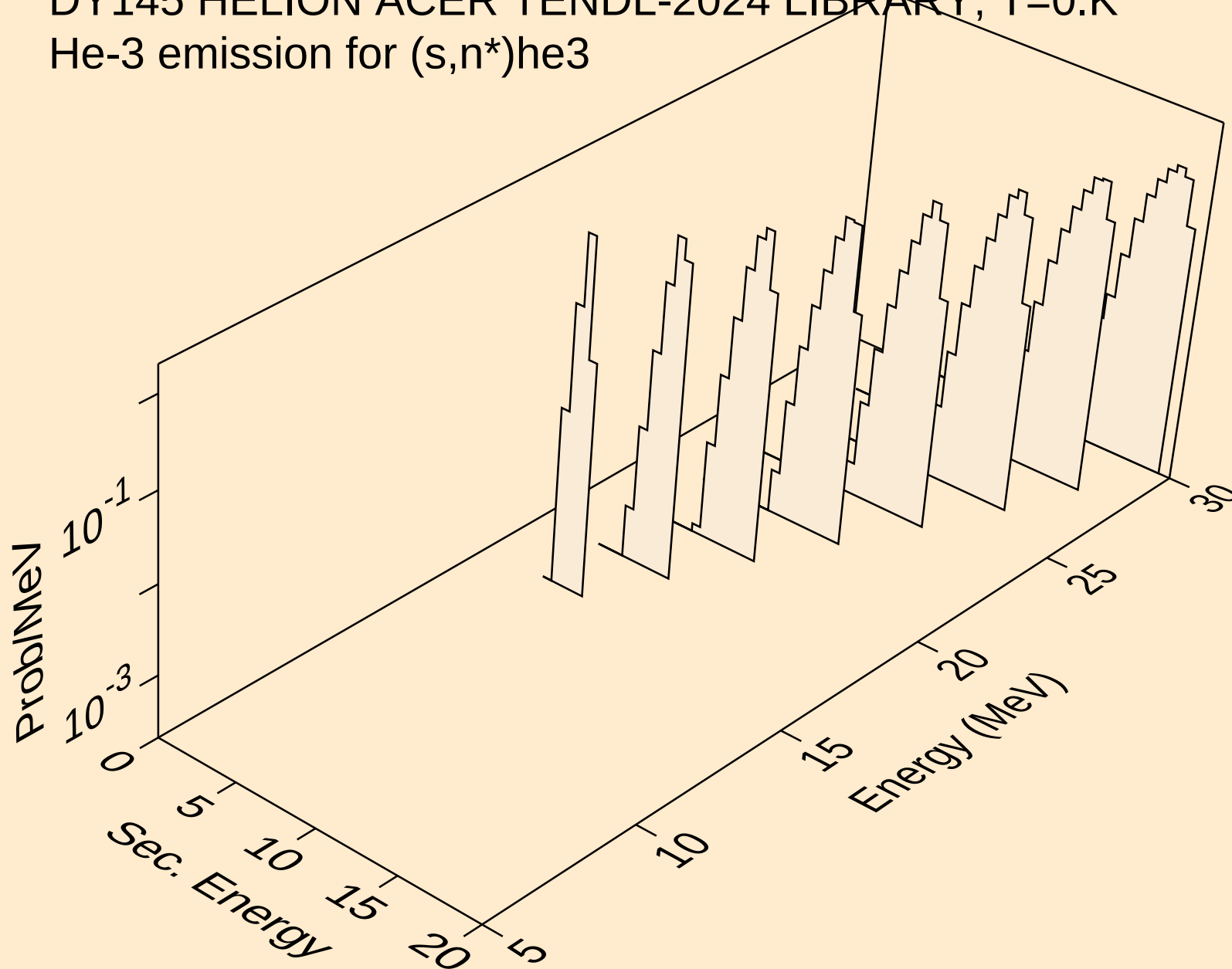
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



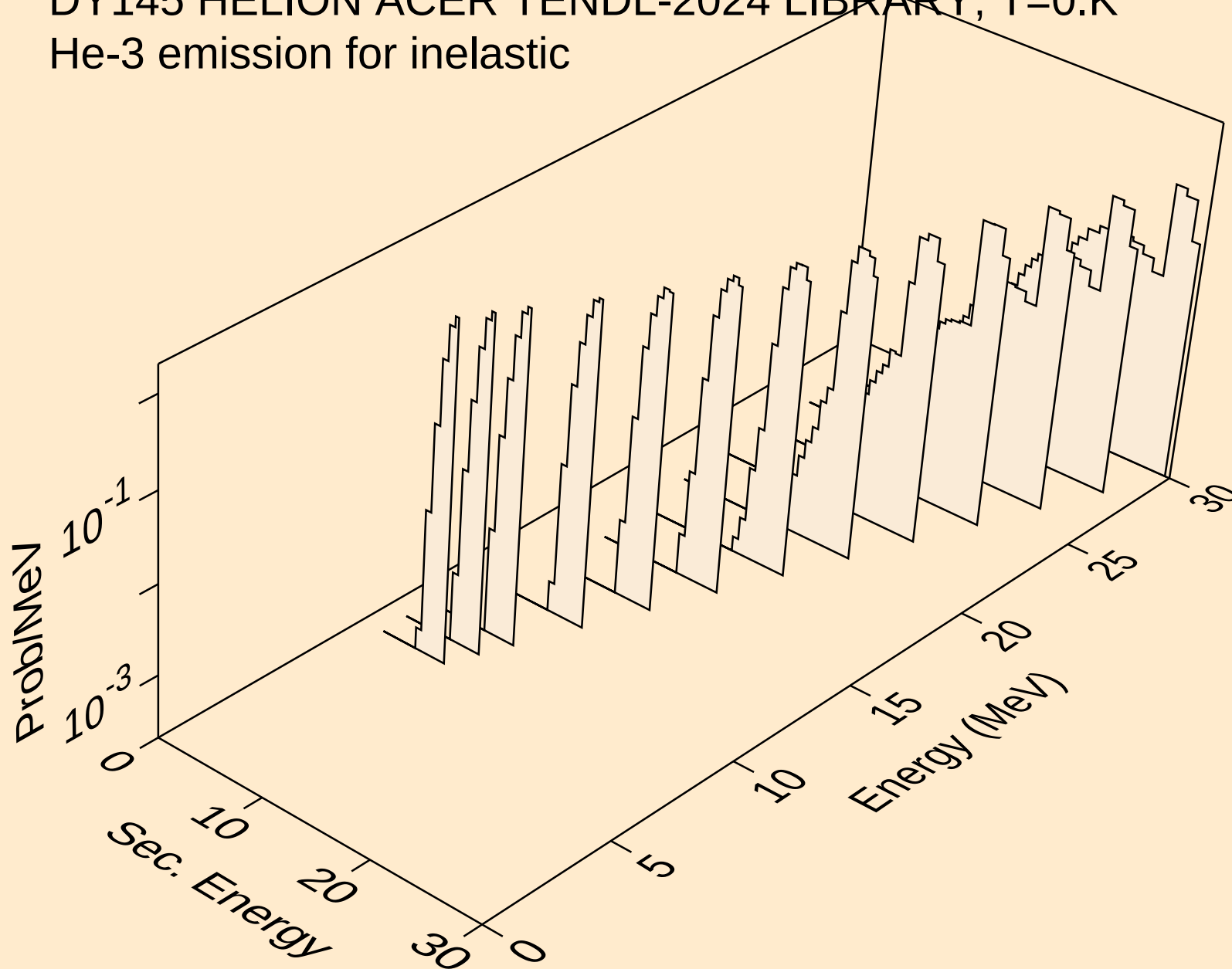
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

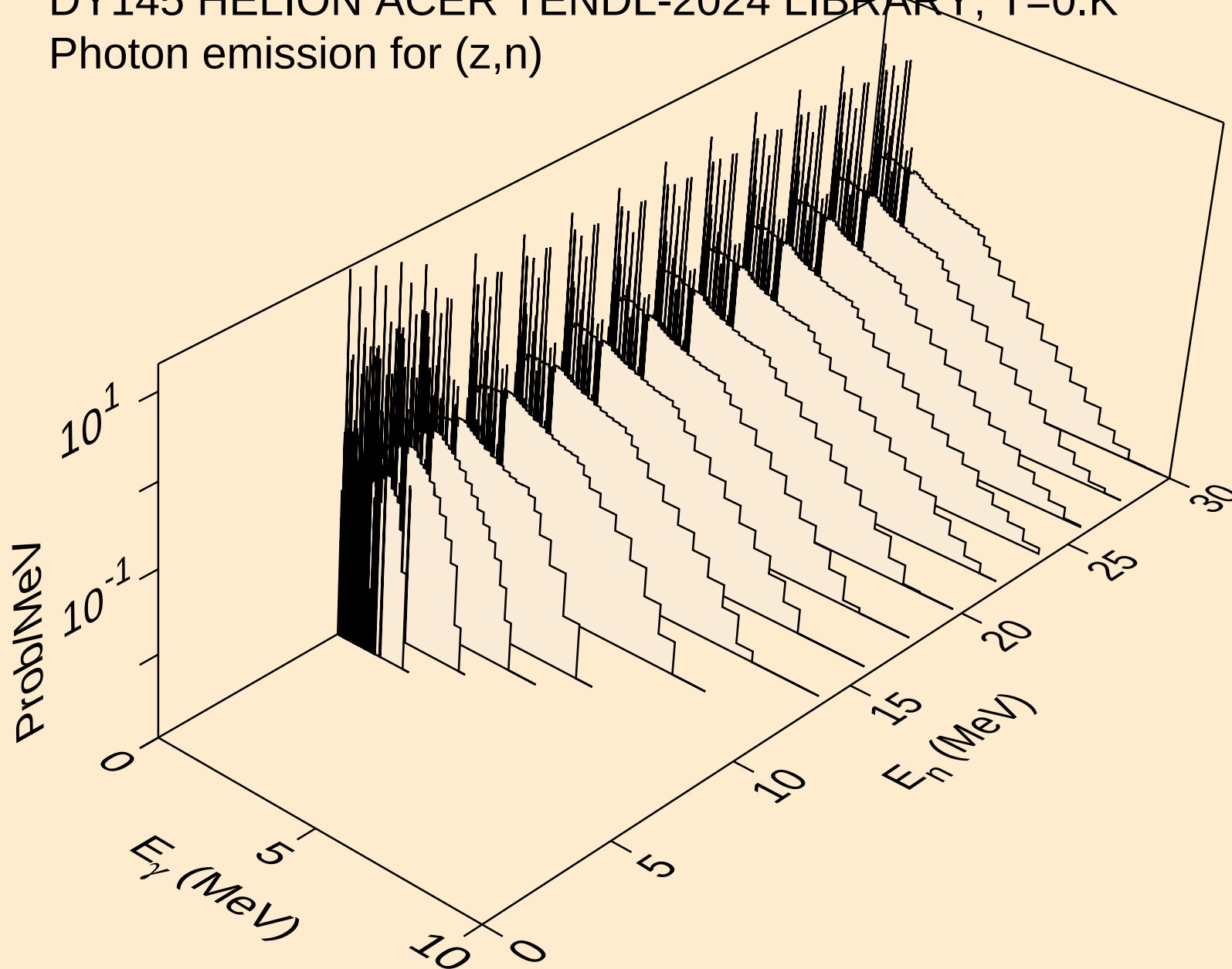


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



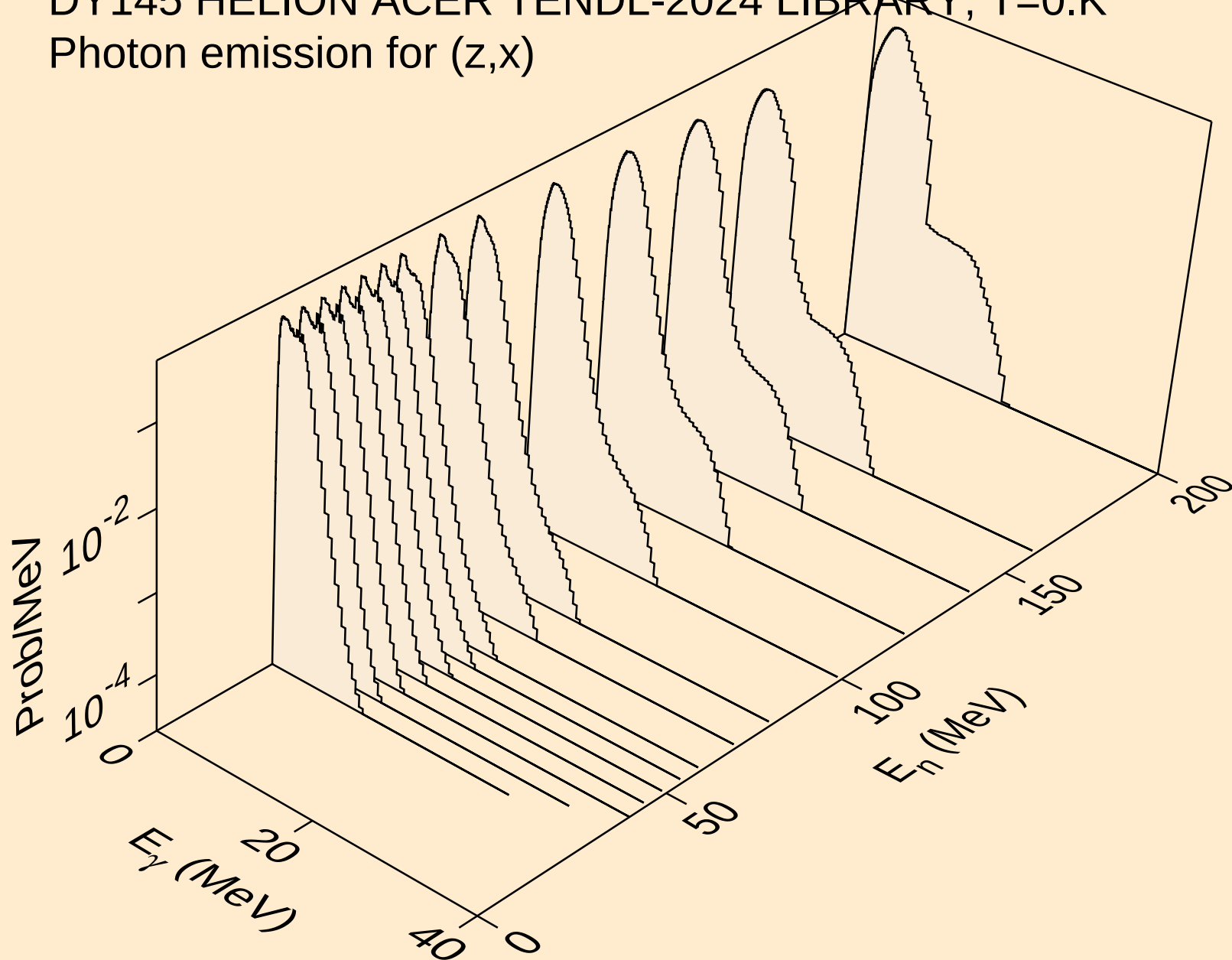
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,n)

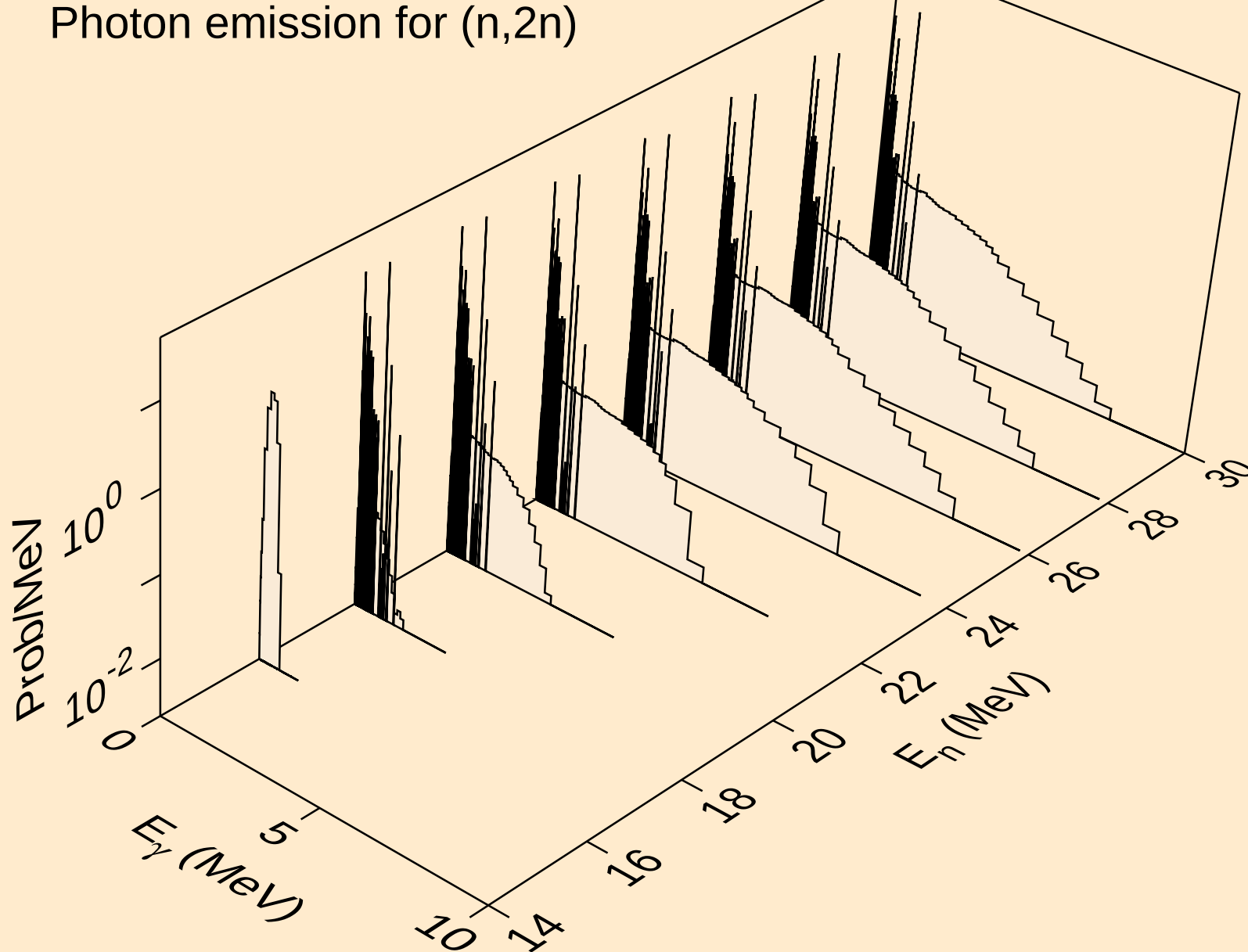


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

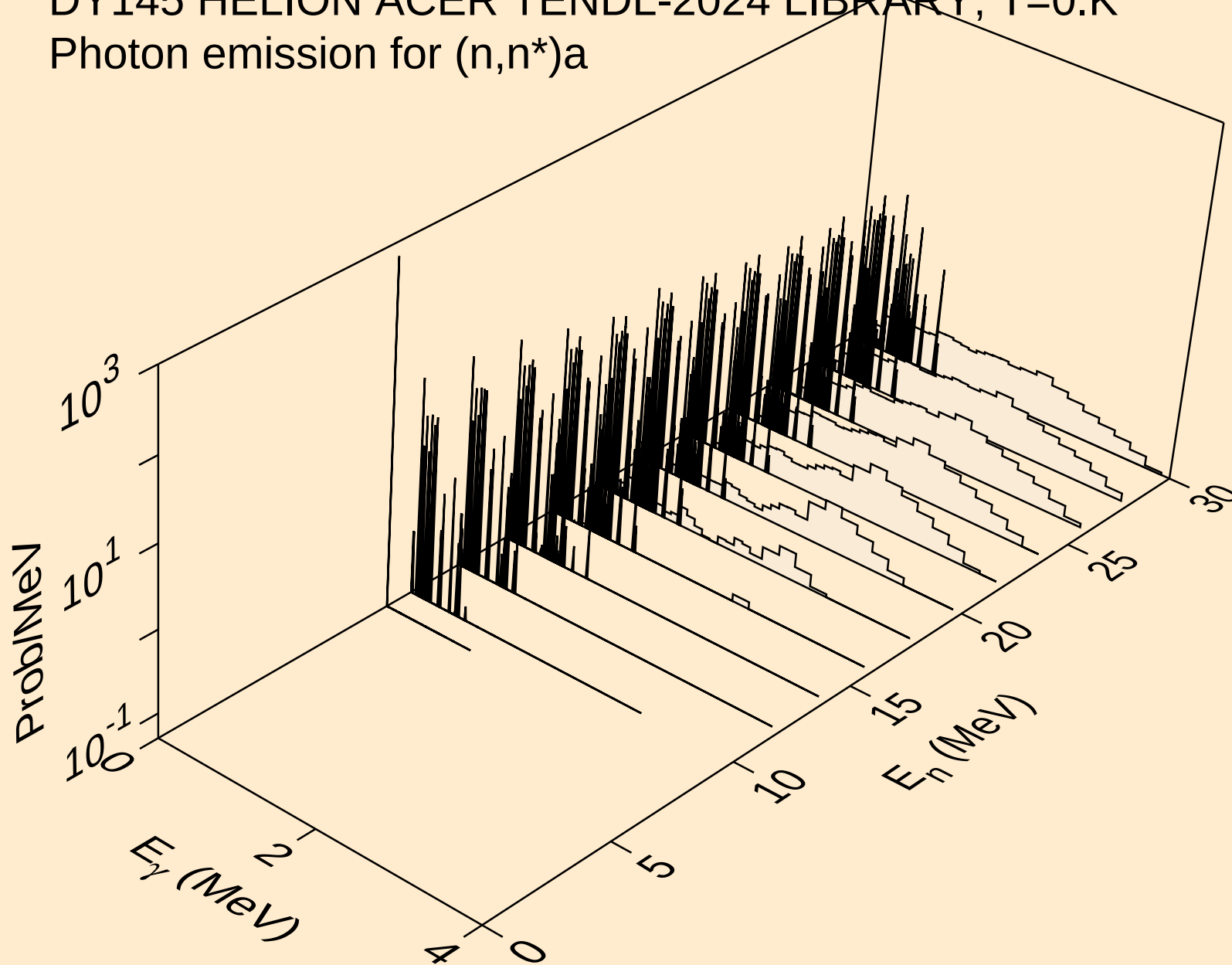
Photon emission for (z,x)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

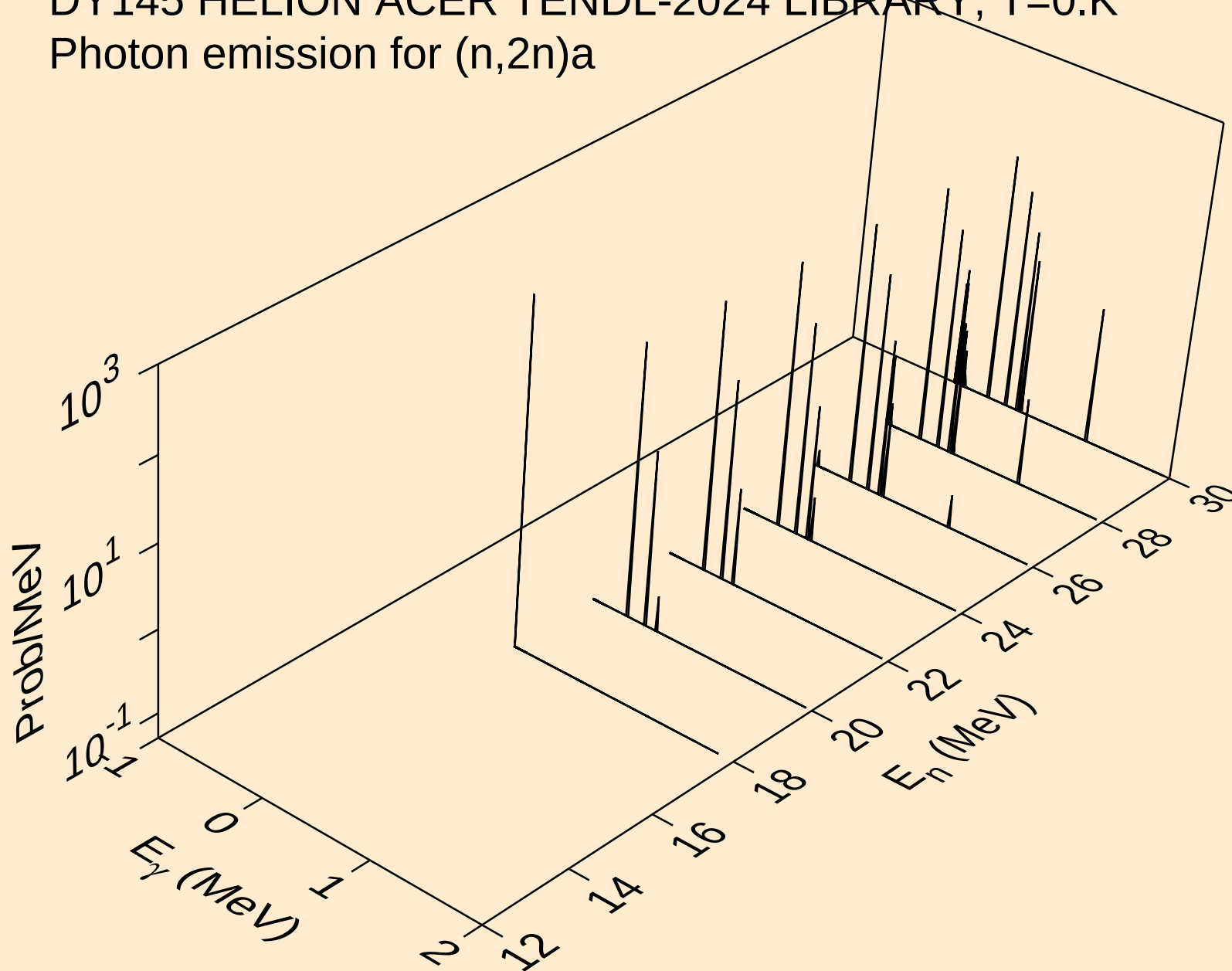


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



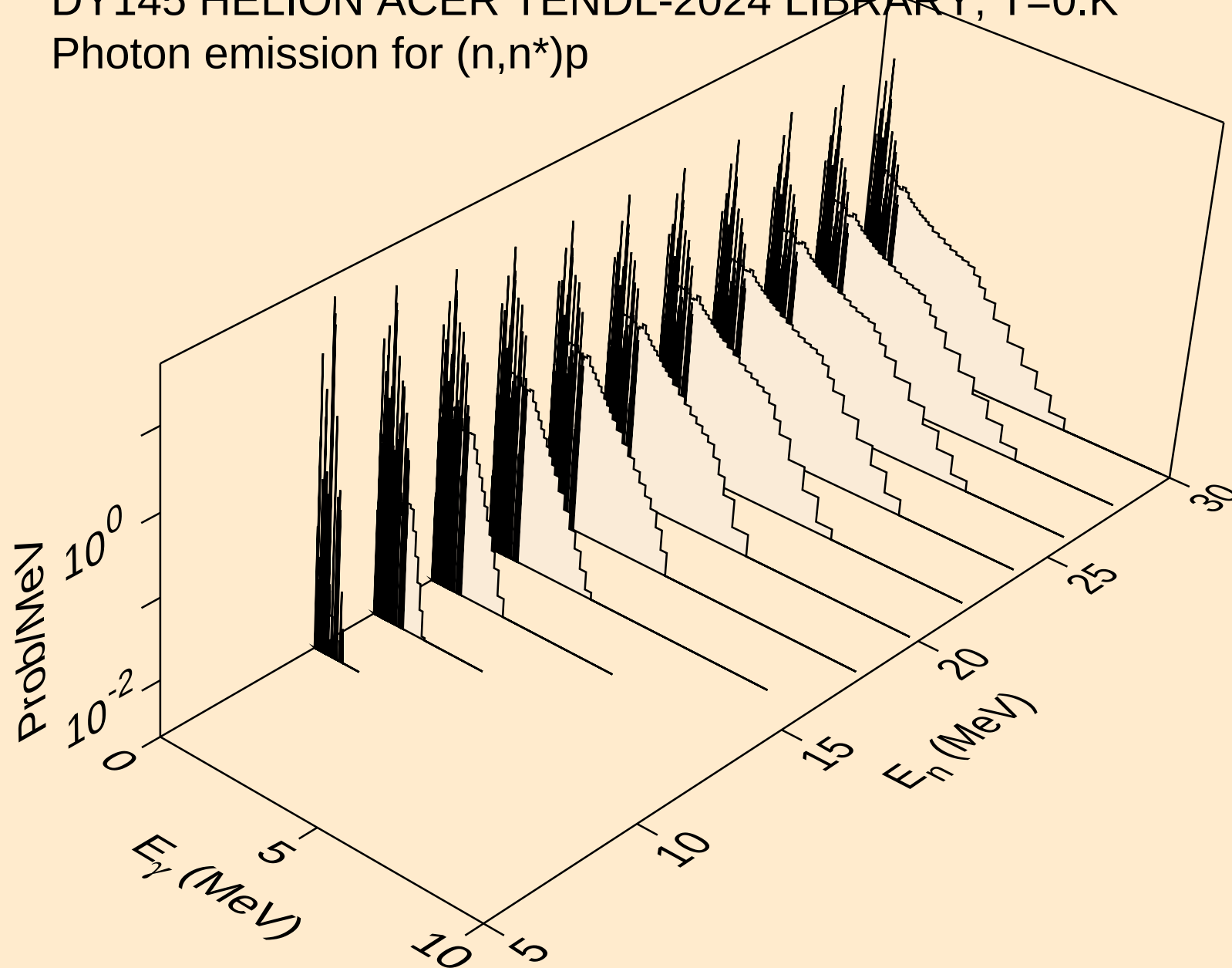
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



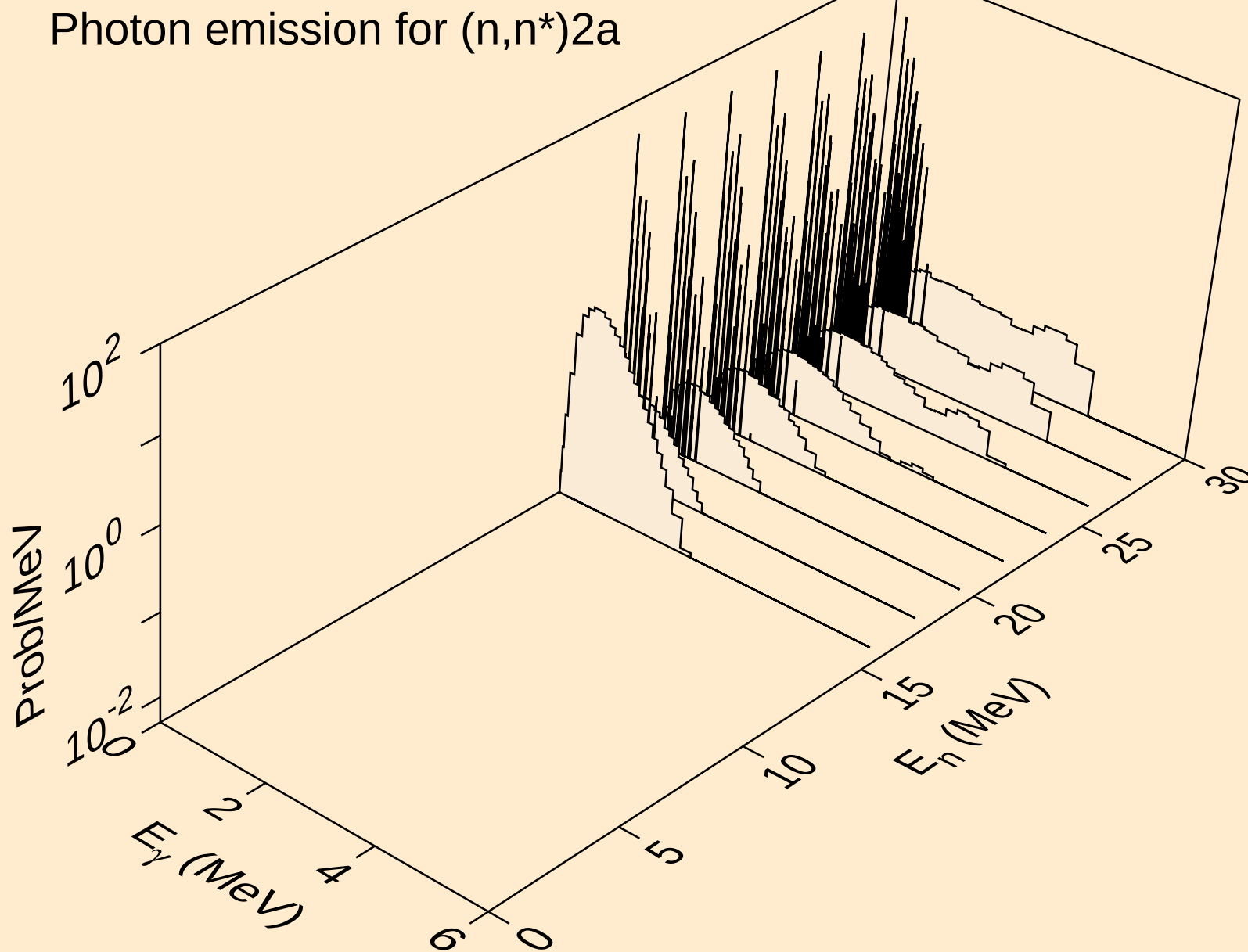
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



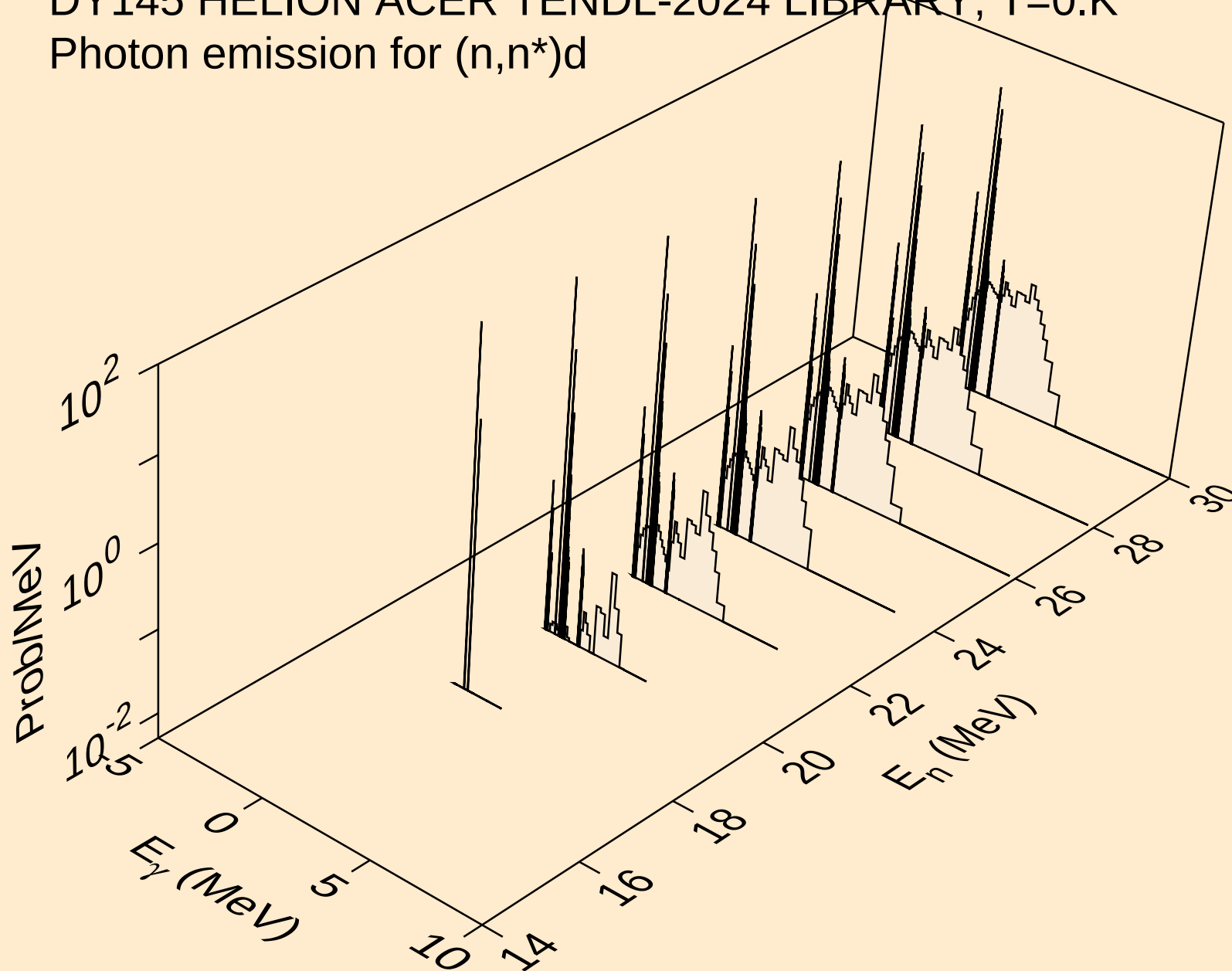
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



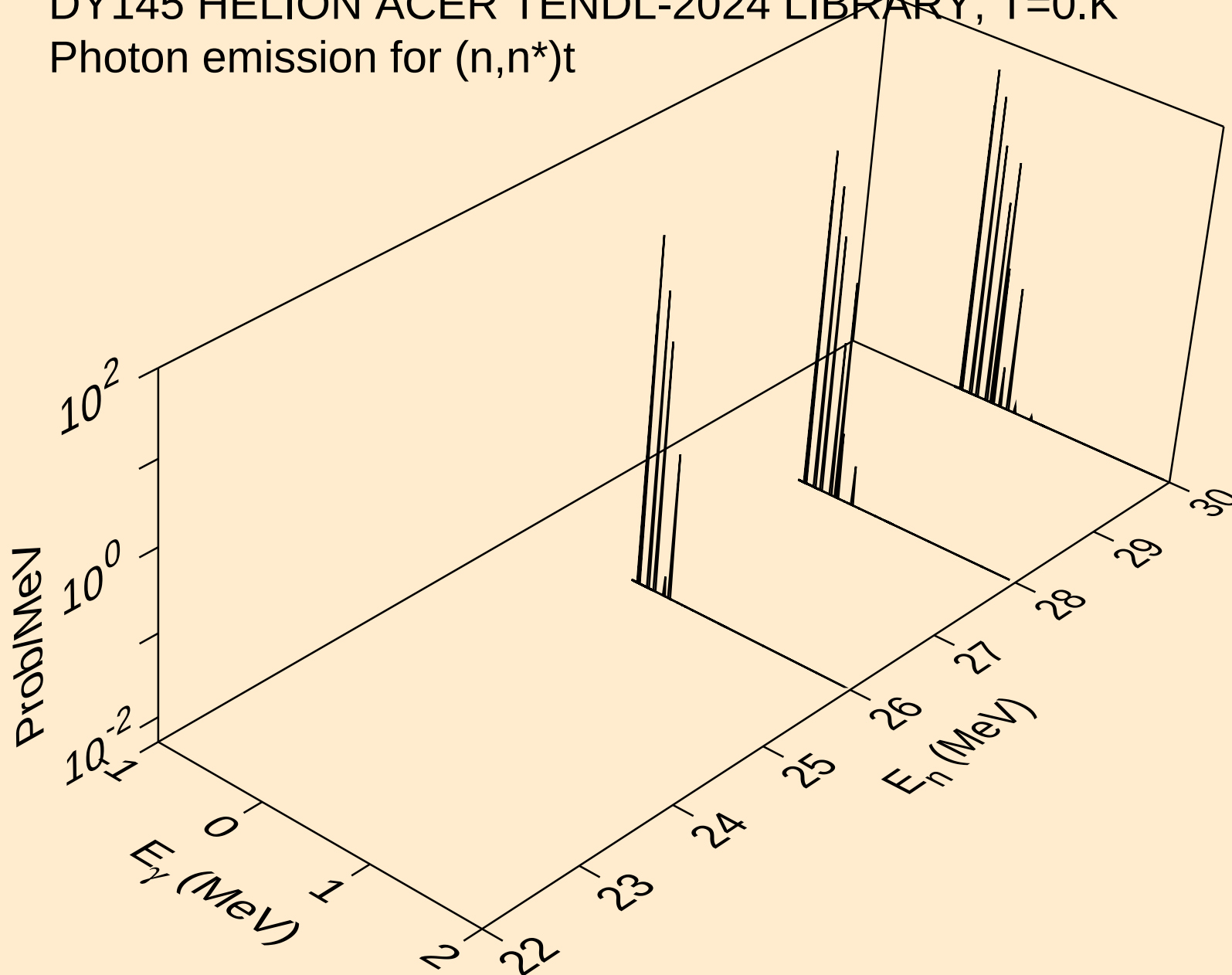
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



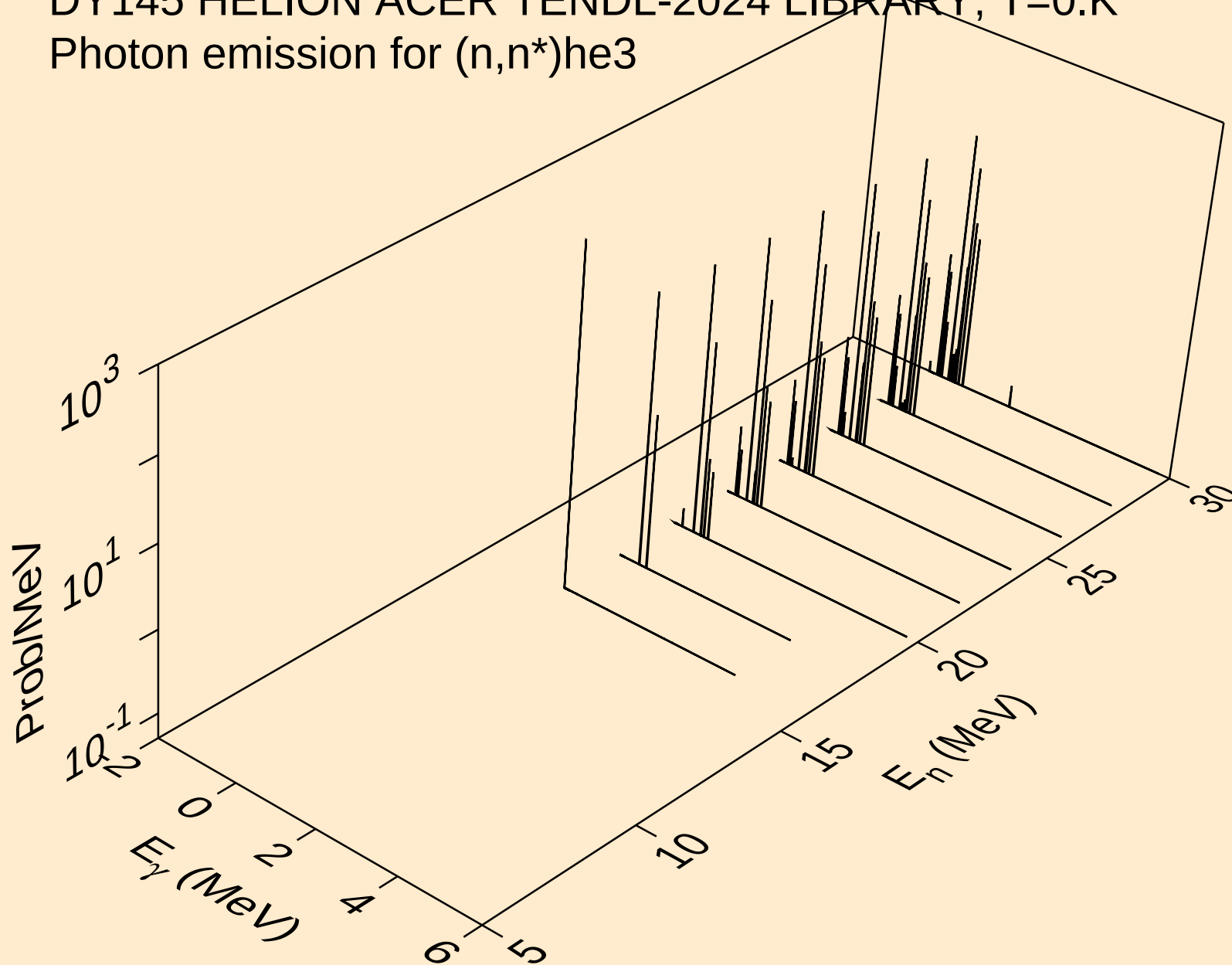
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

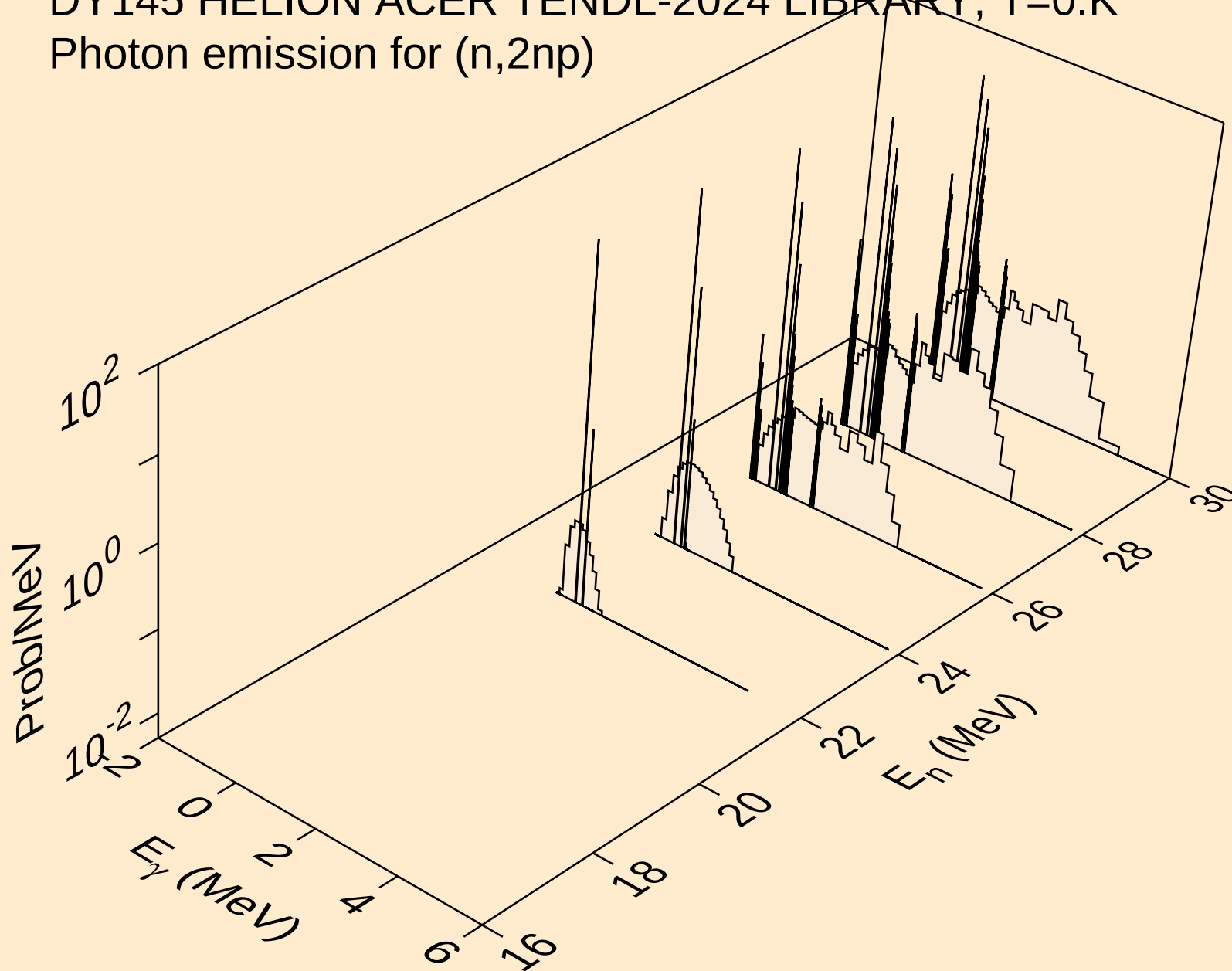


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

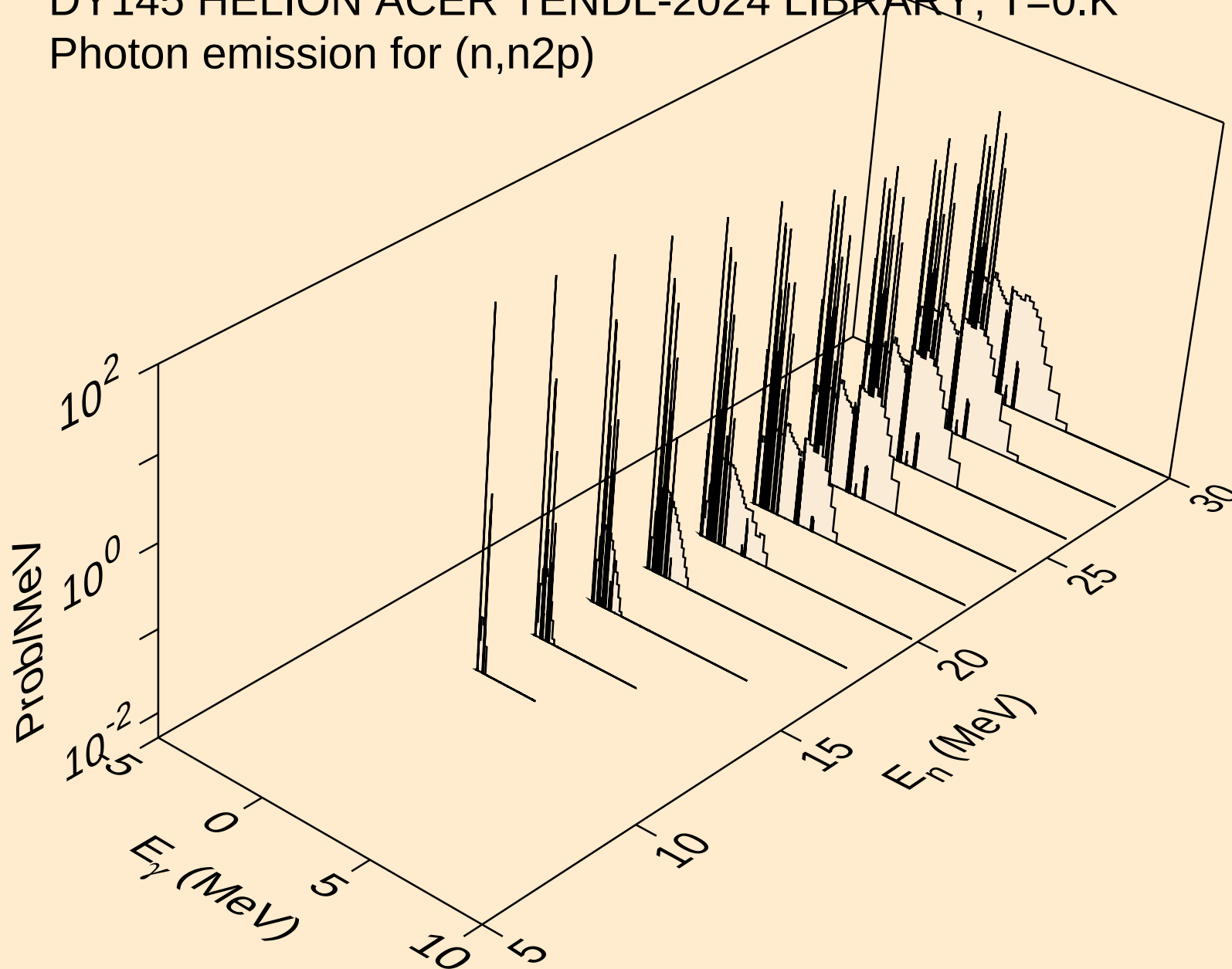
Photon emission for (n,n\*)he3



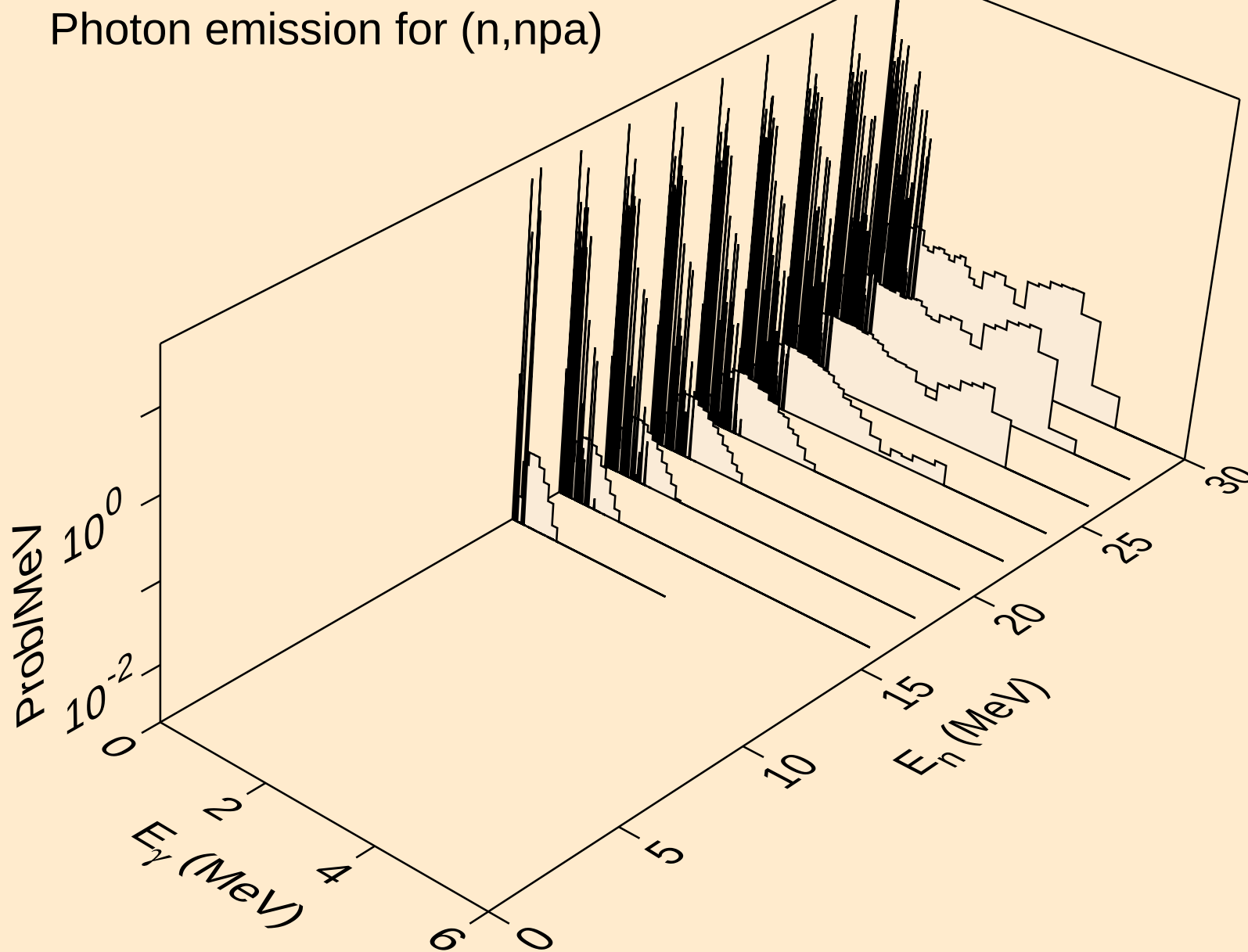
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



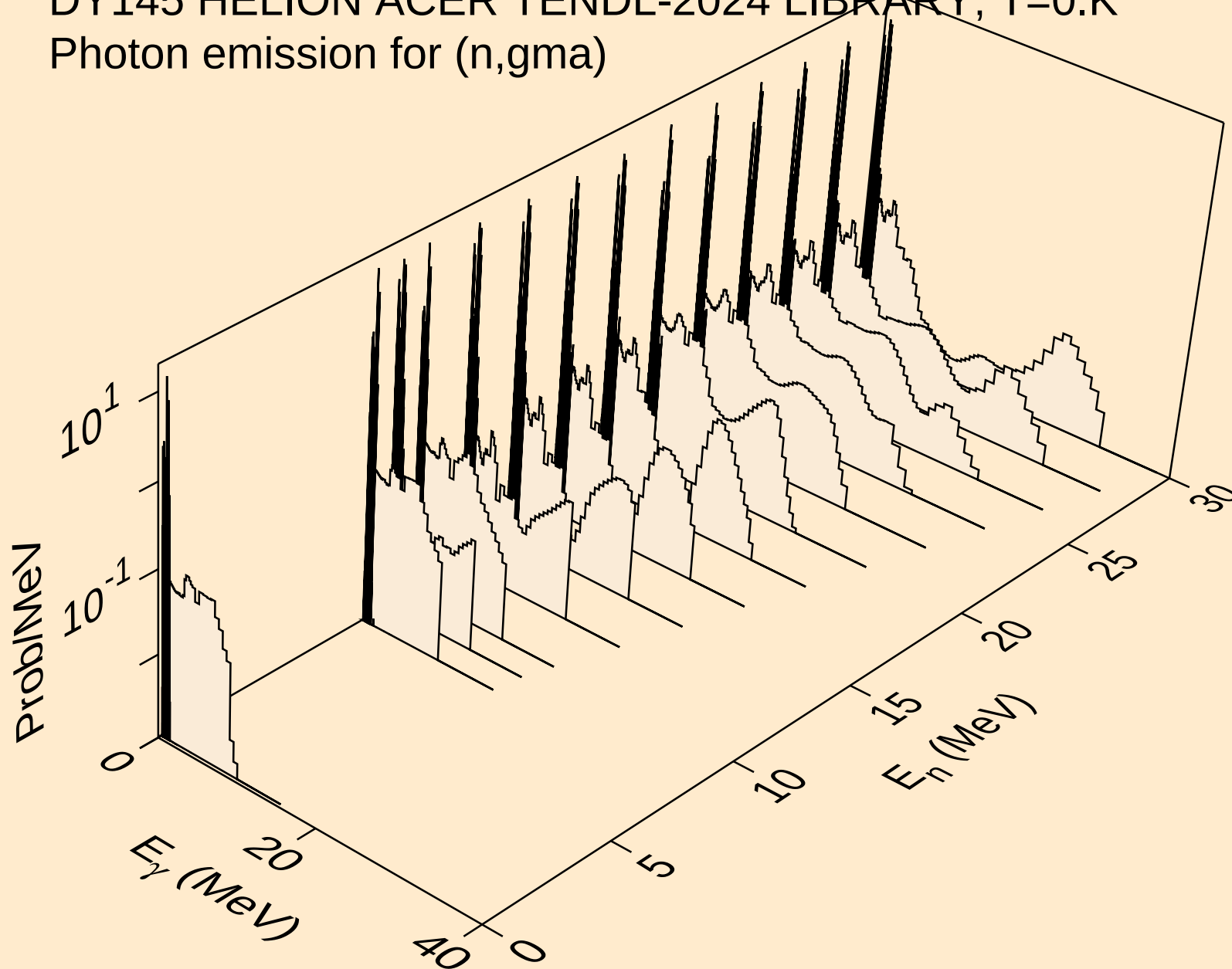
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

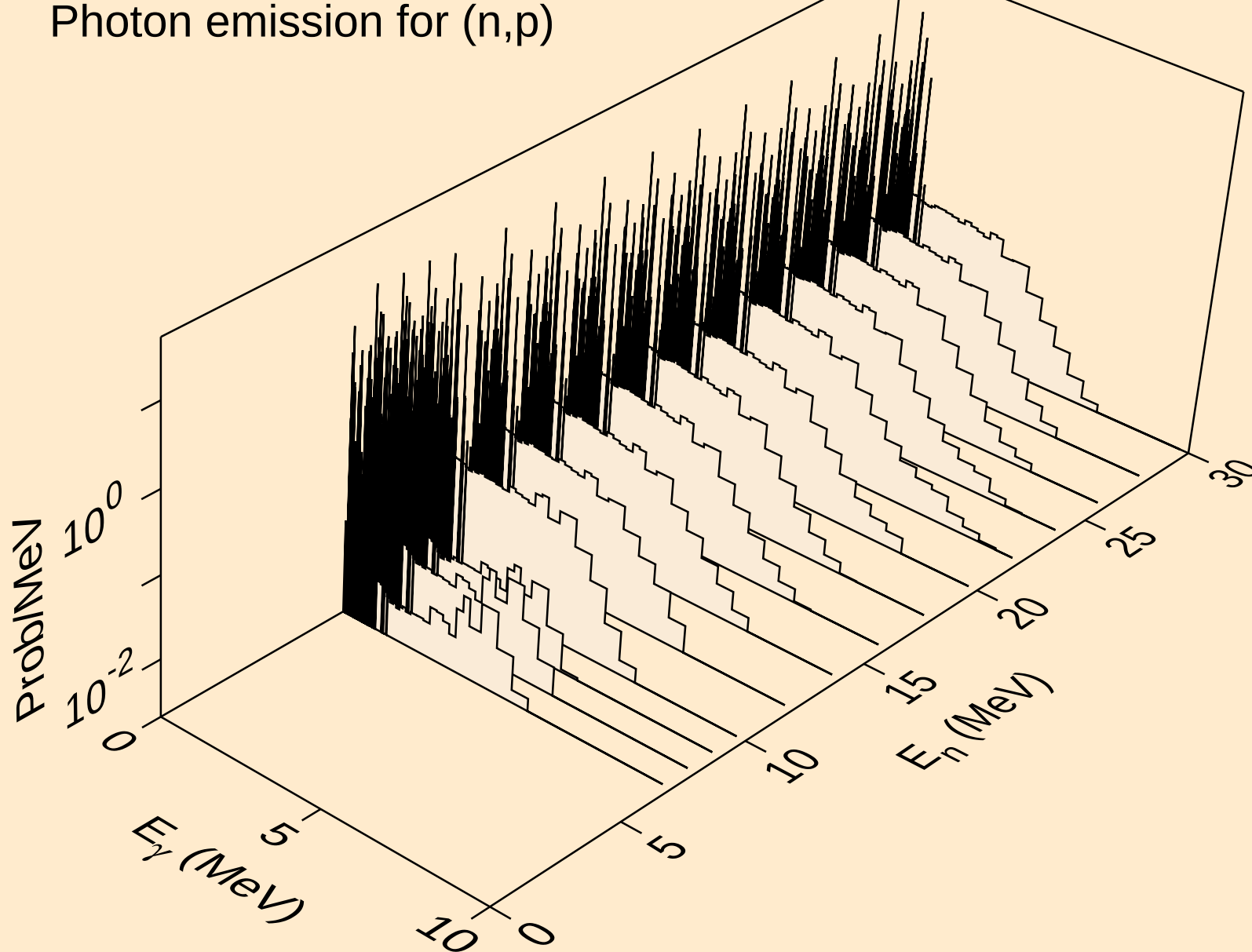


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

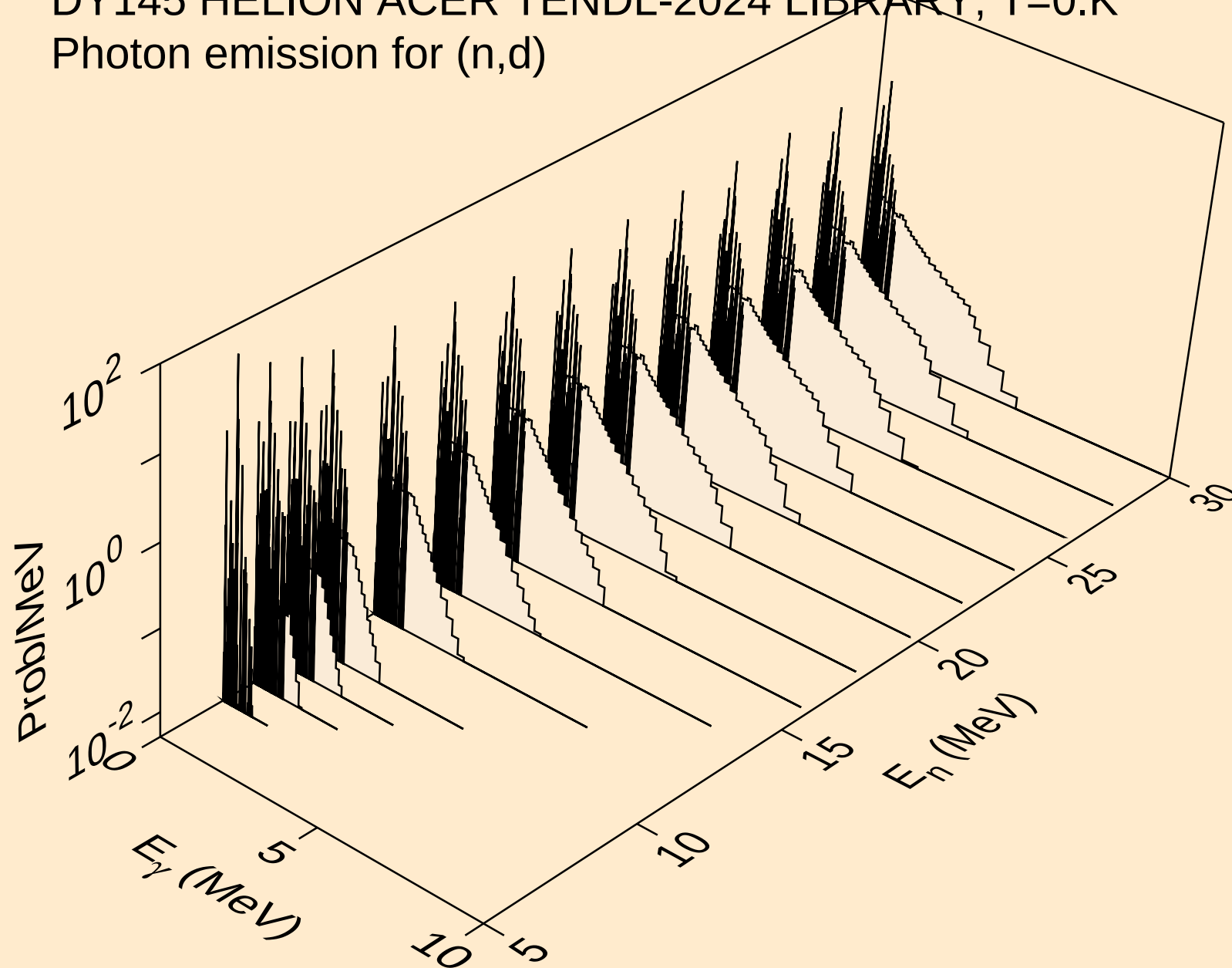


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)

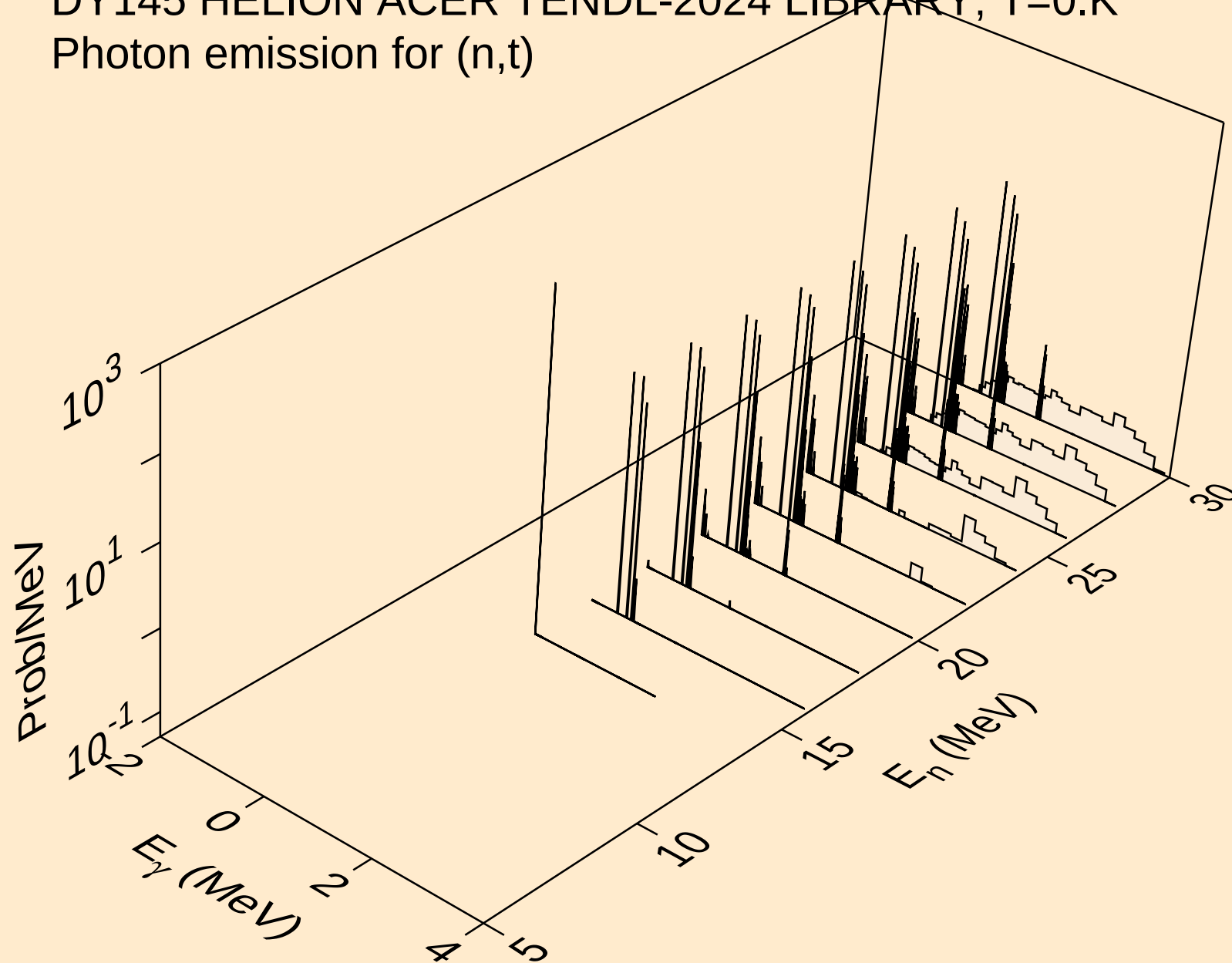


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

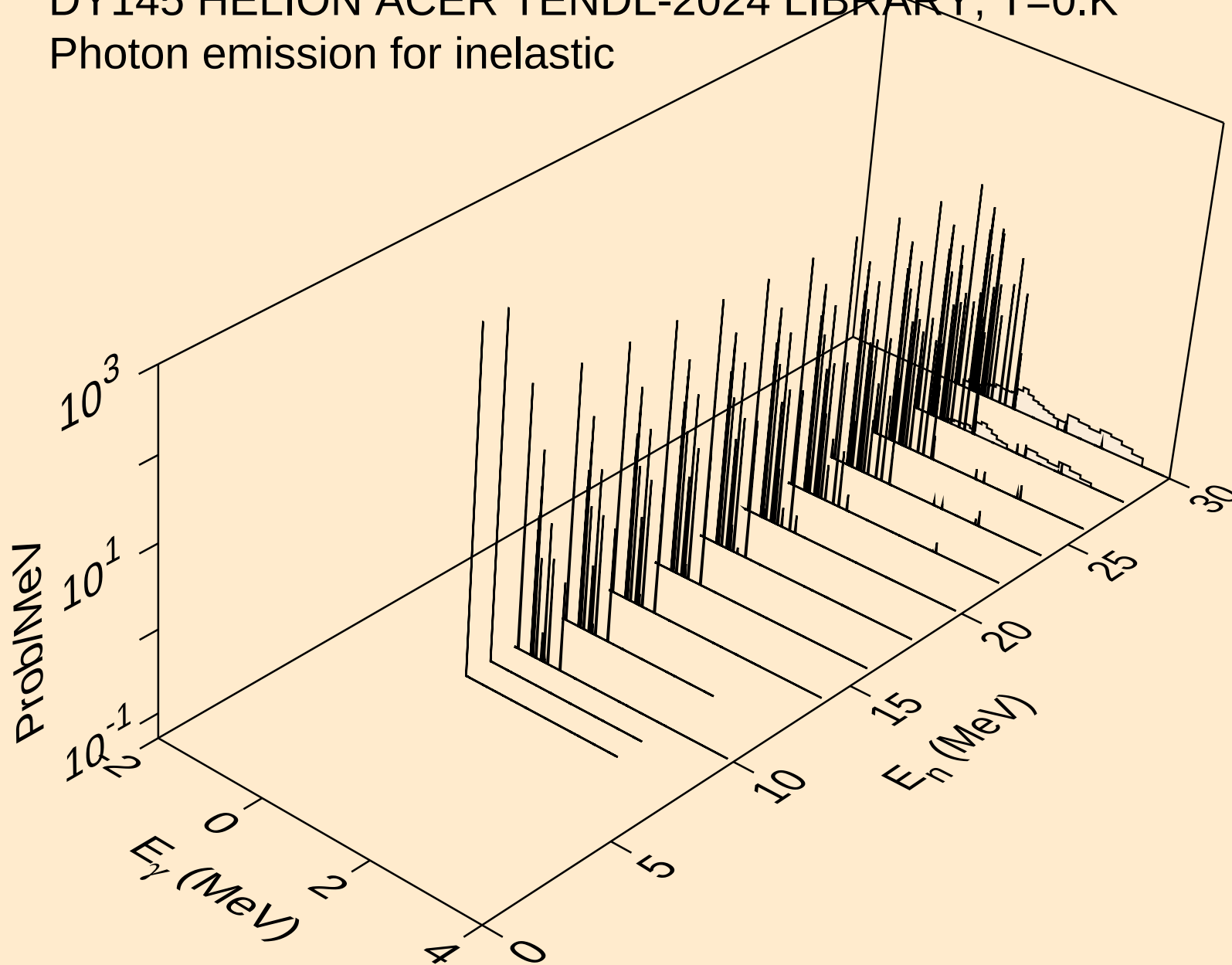


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,t)

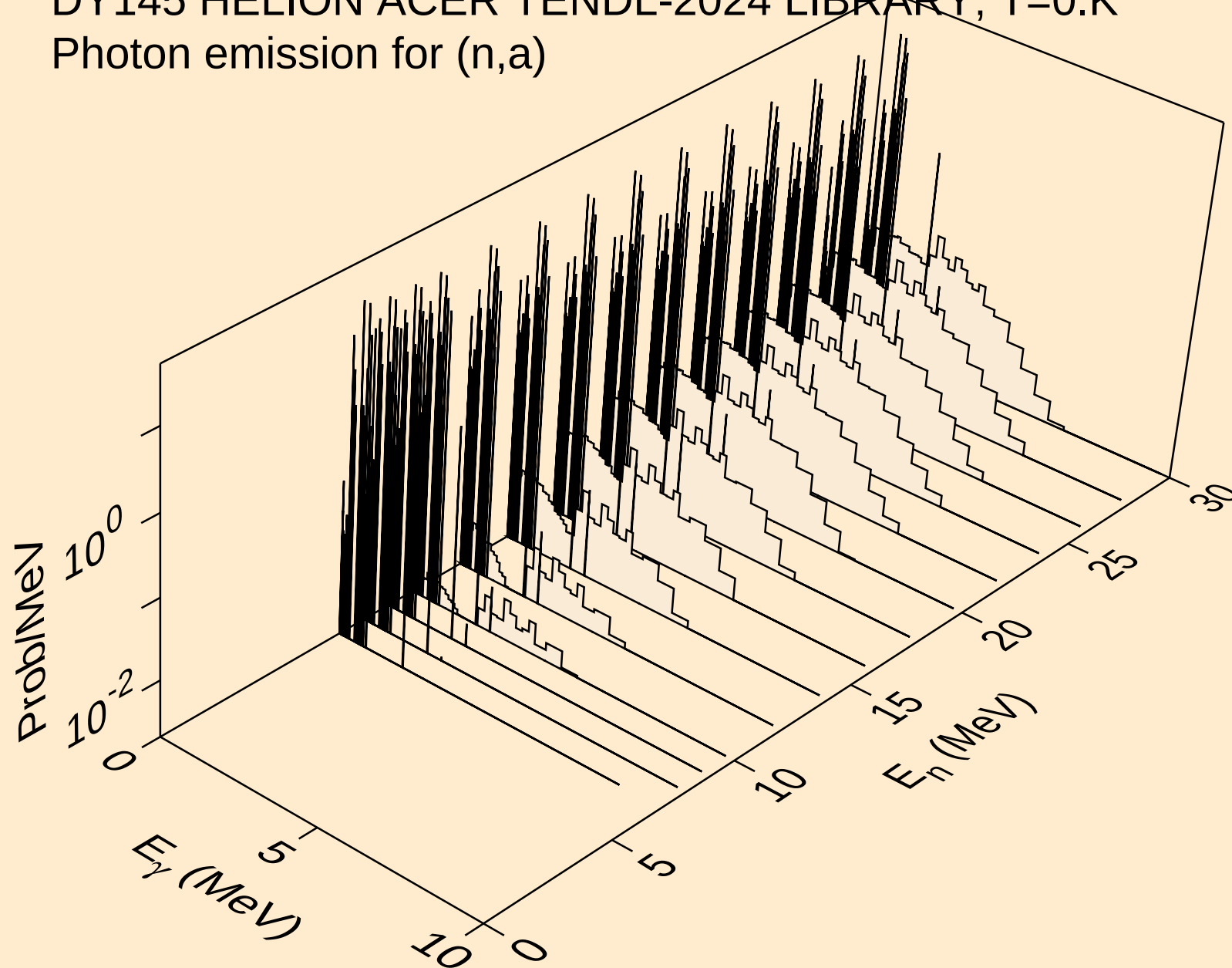


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

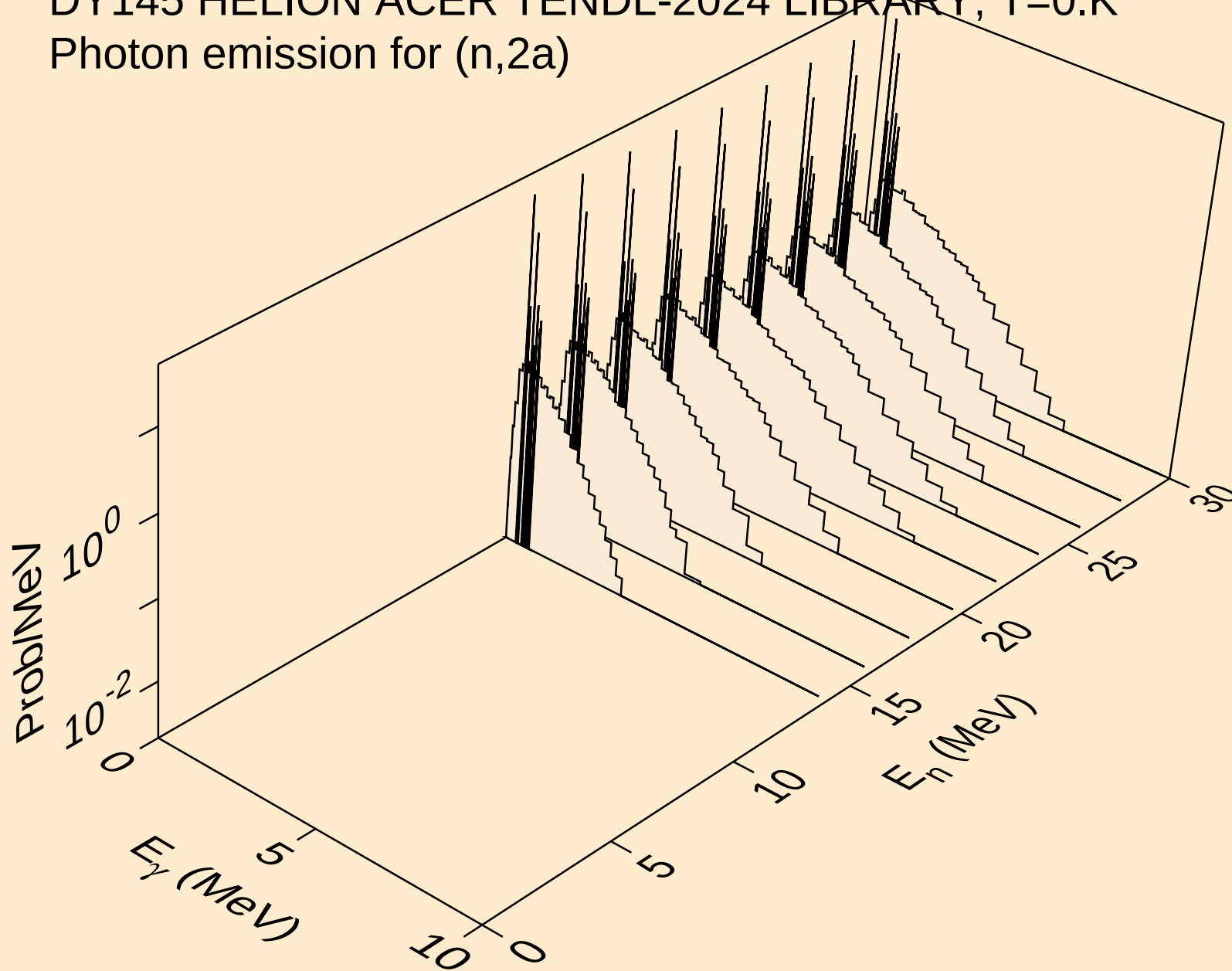


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

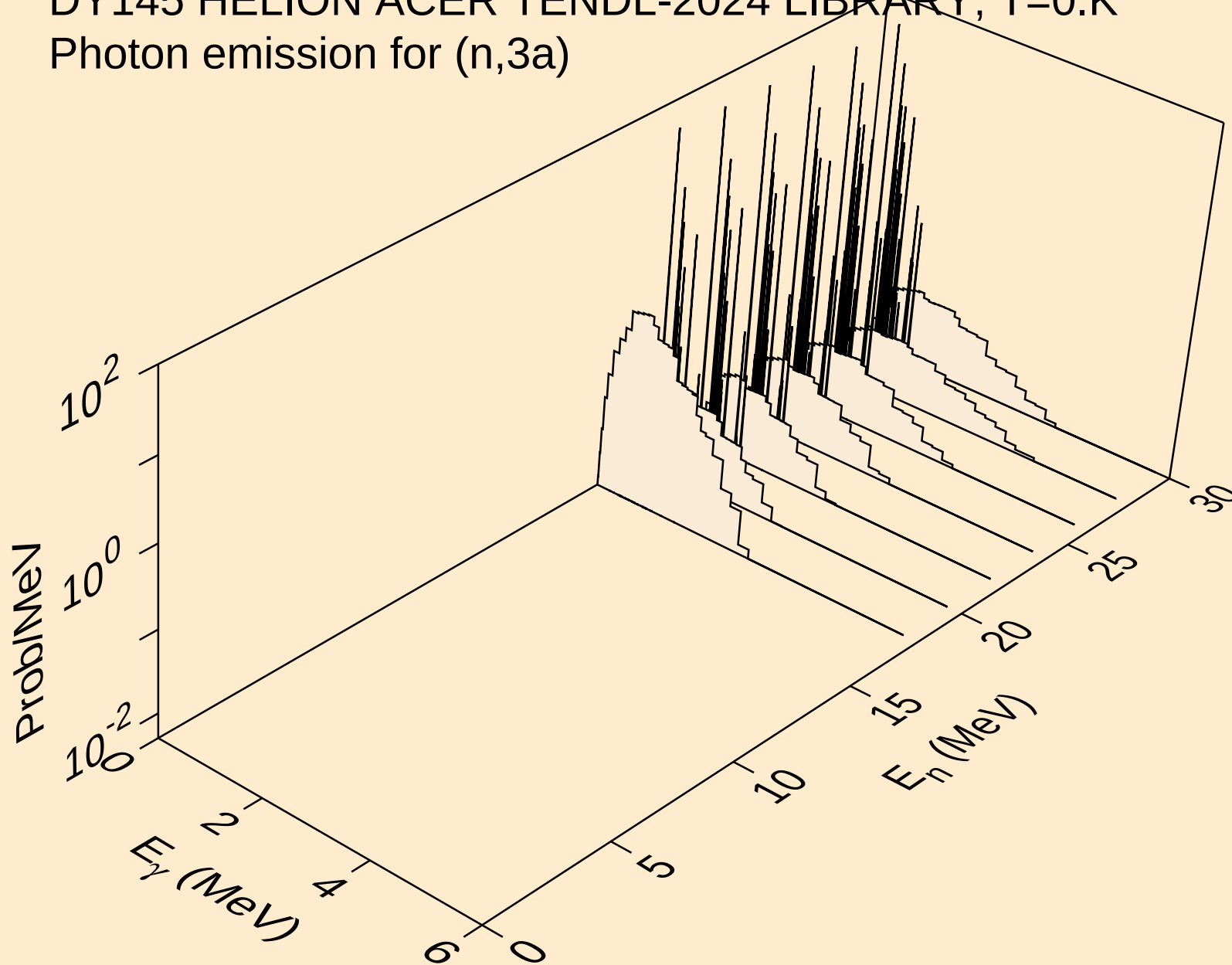
Photon emission for (n,a)



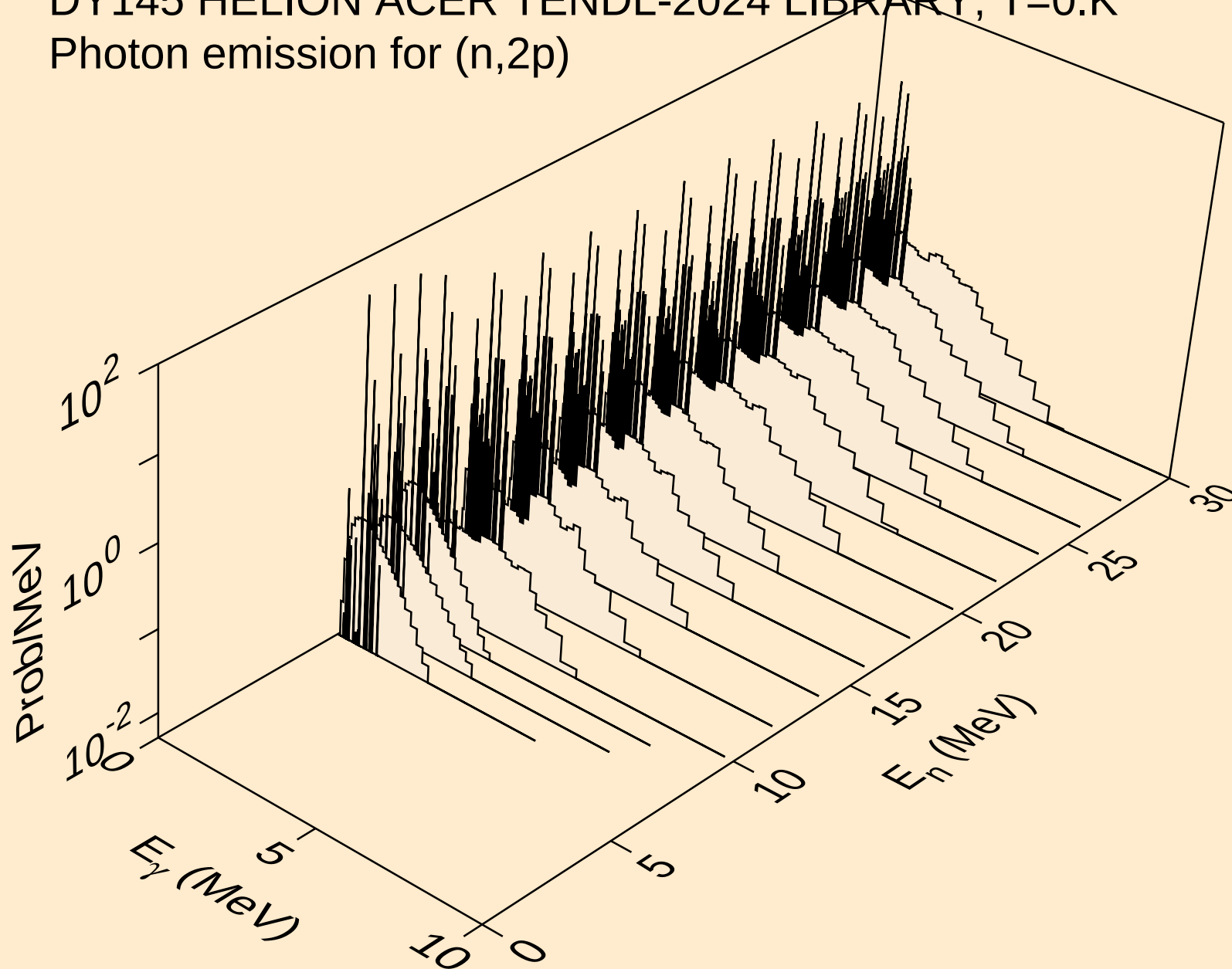
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

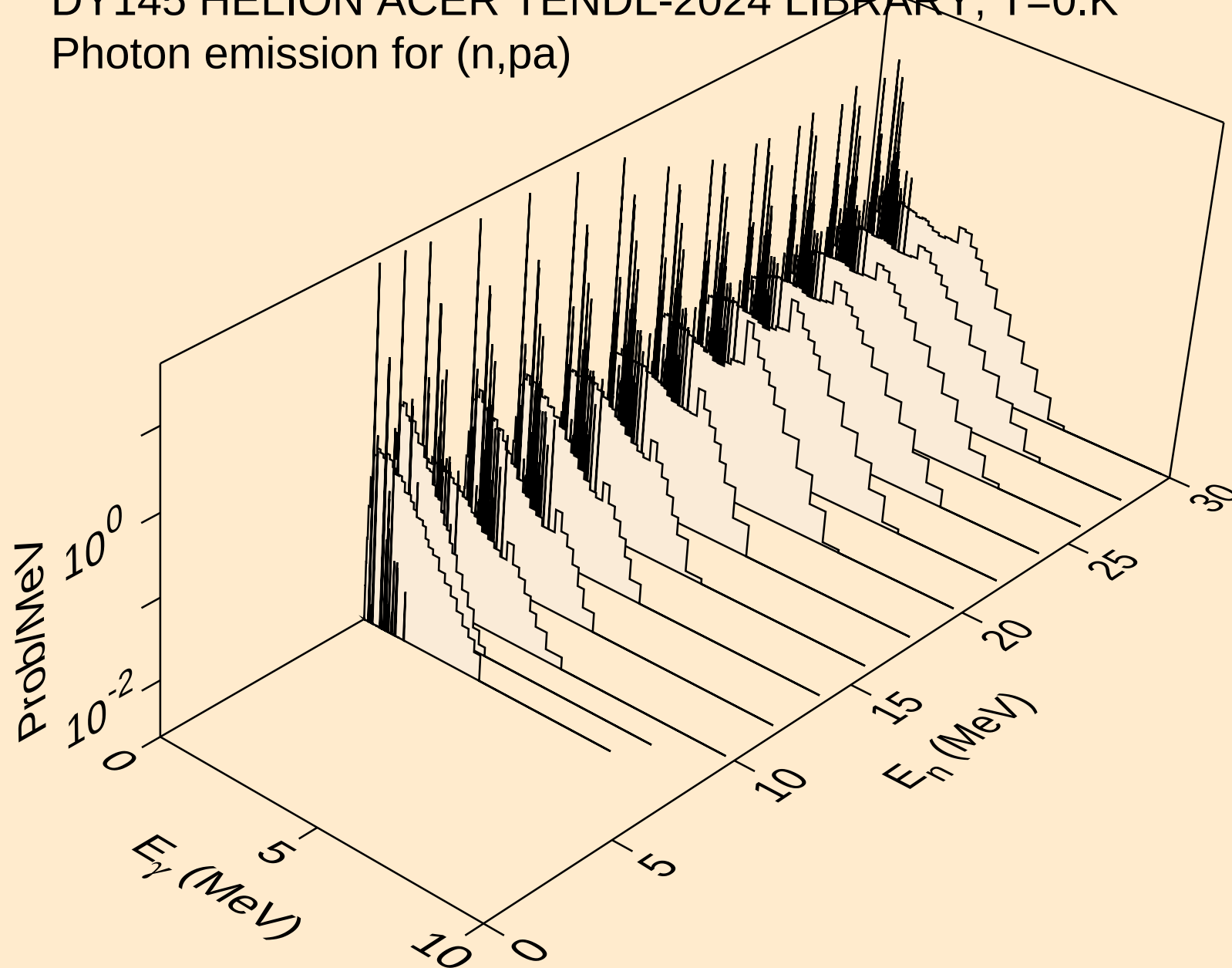


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

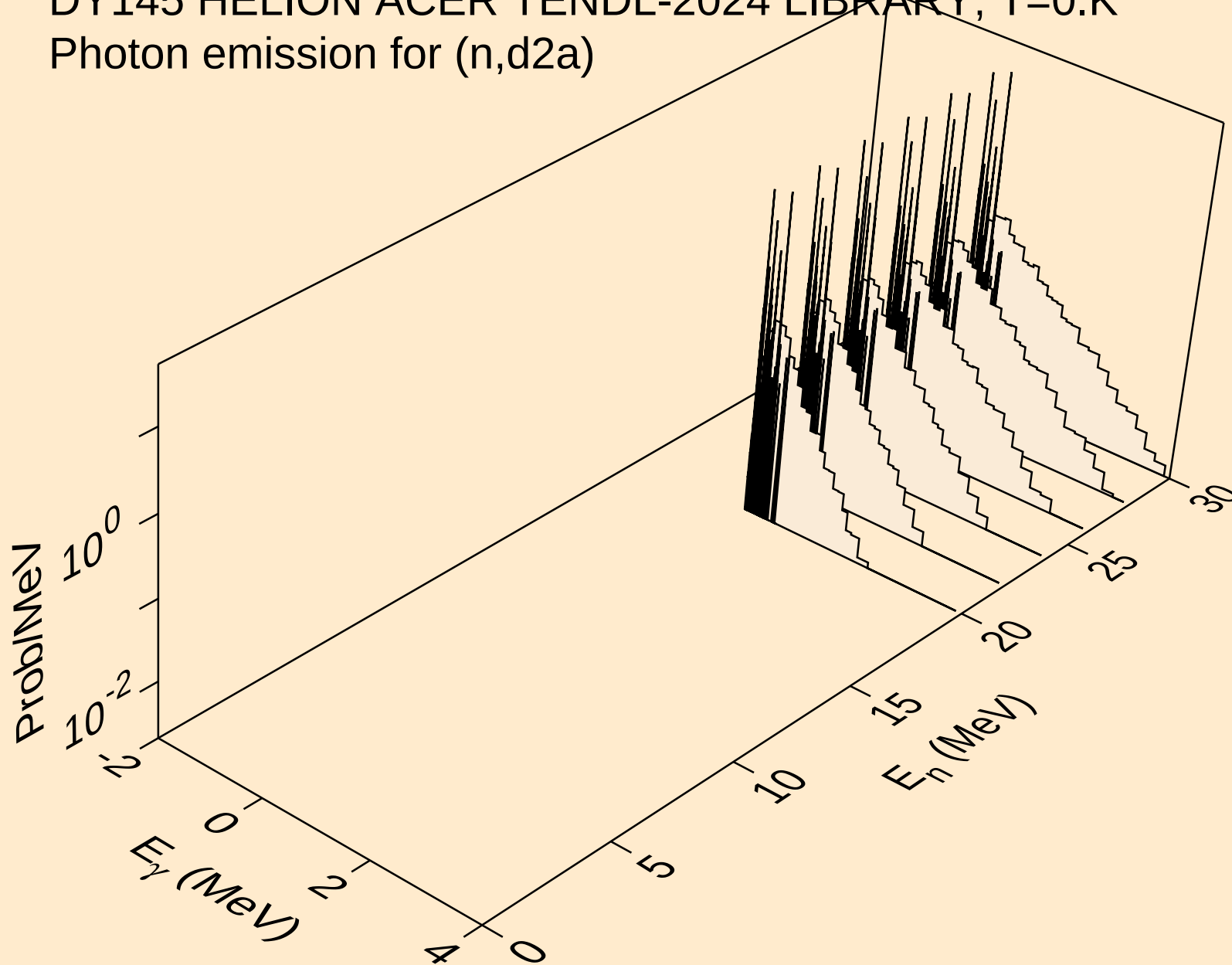


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

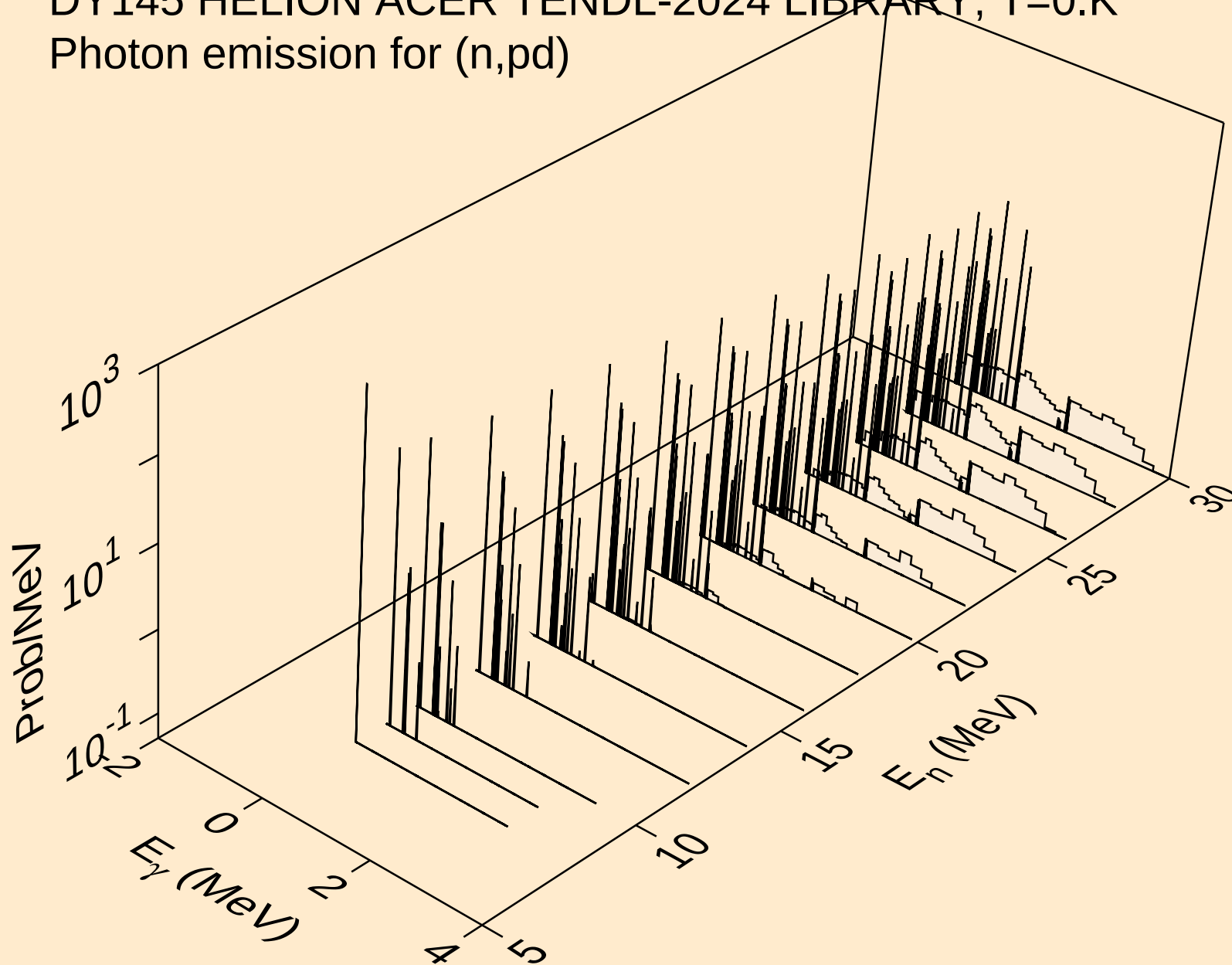
Photon emission for (n,p) $\alpha$



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

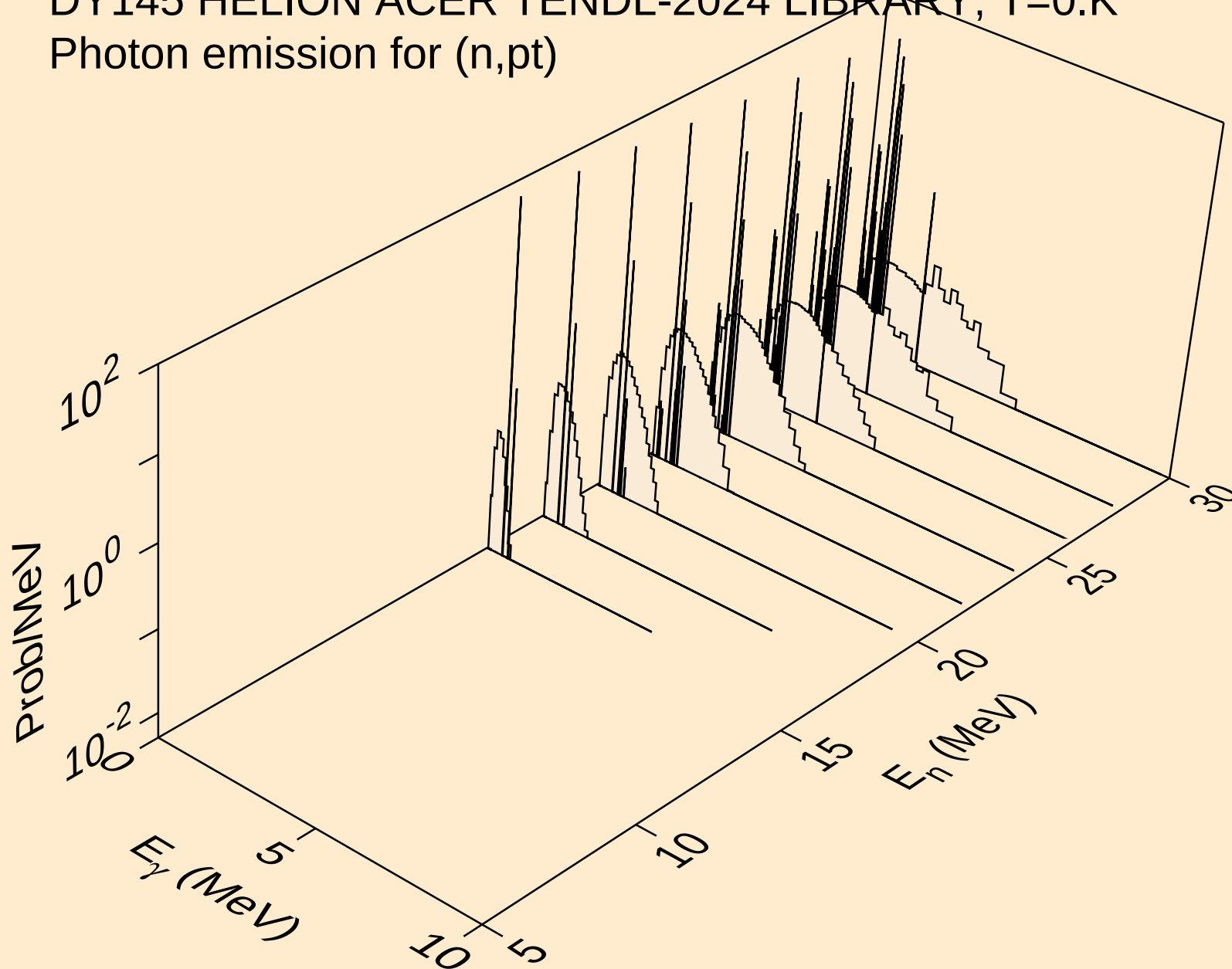


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

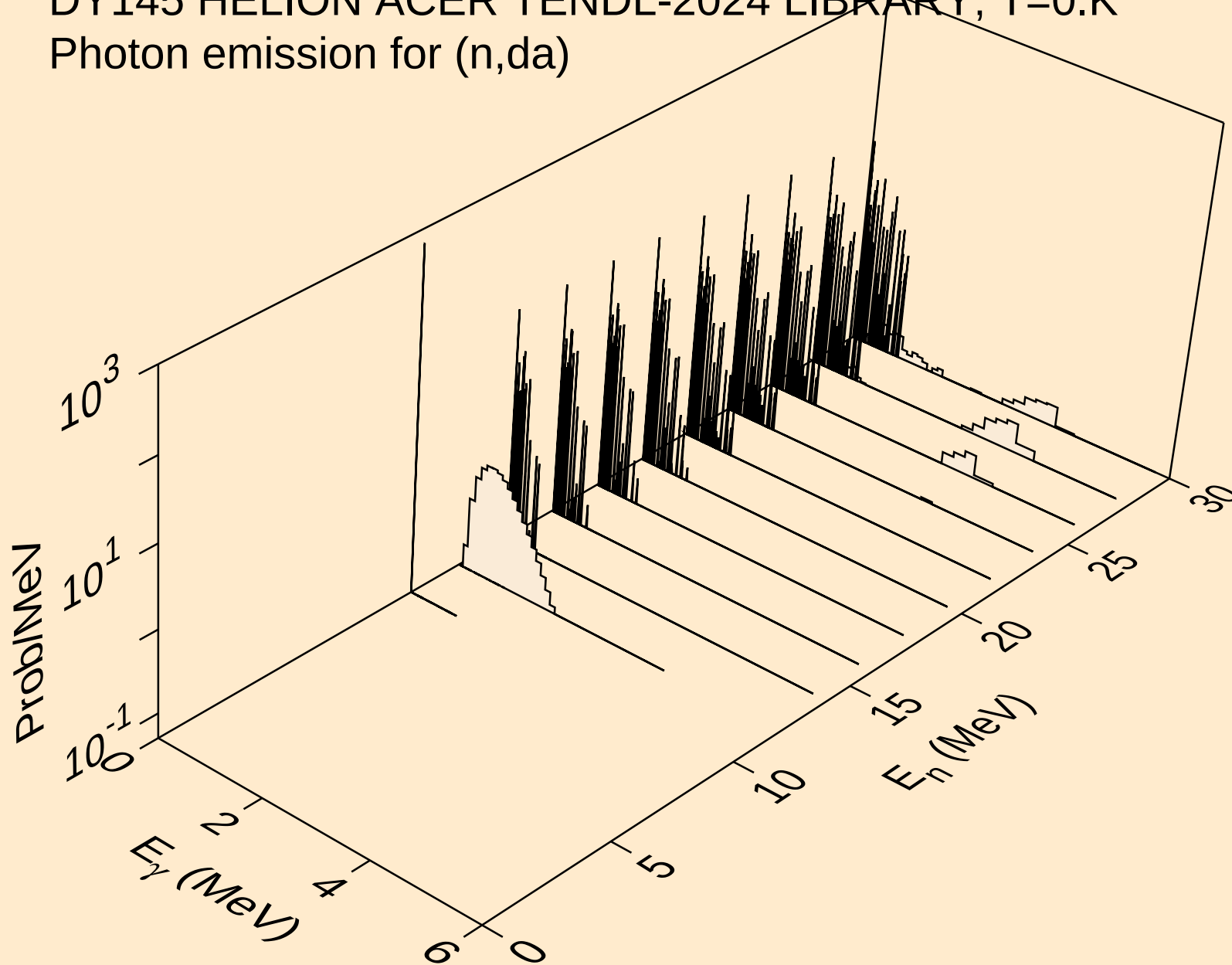


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

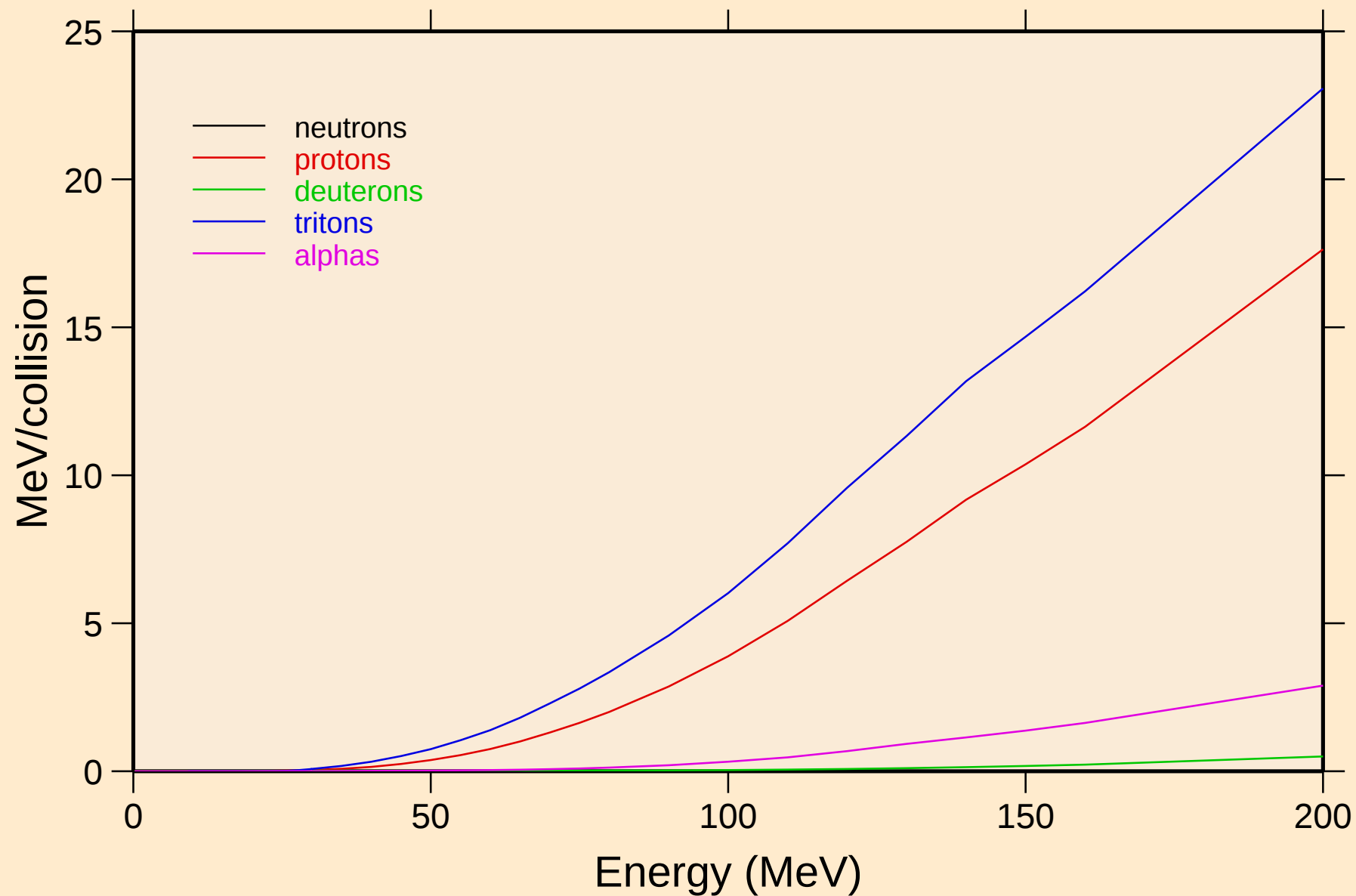


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



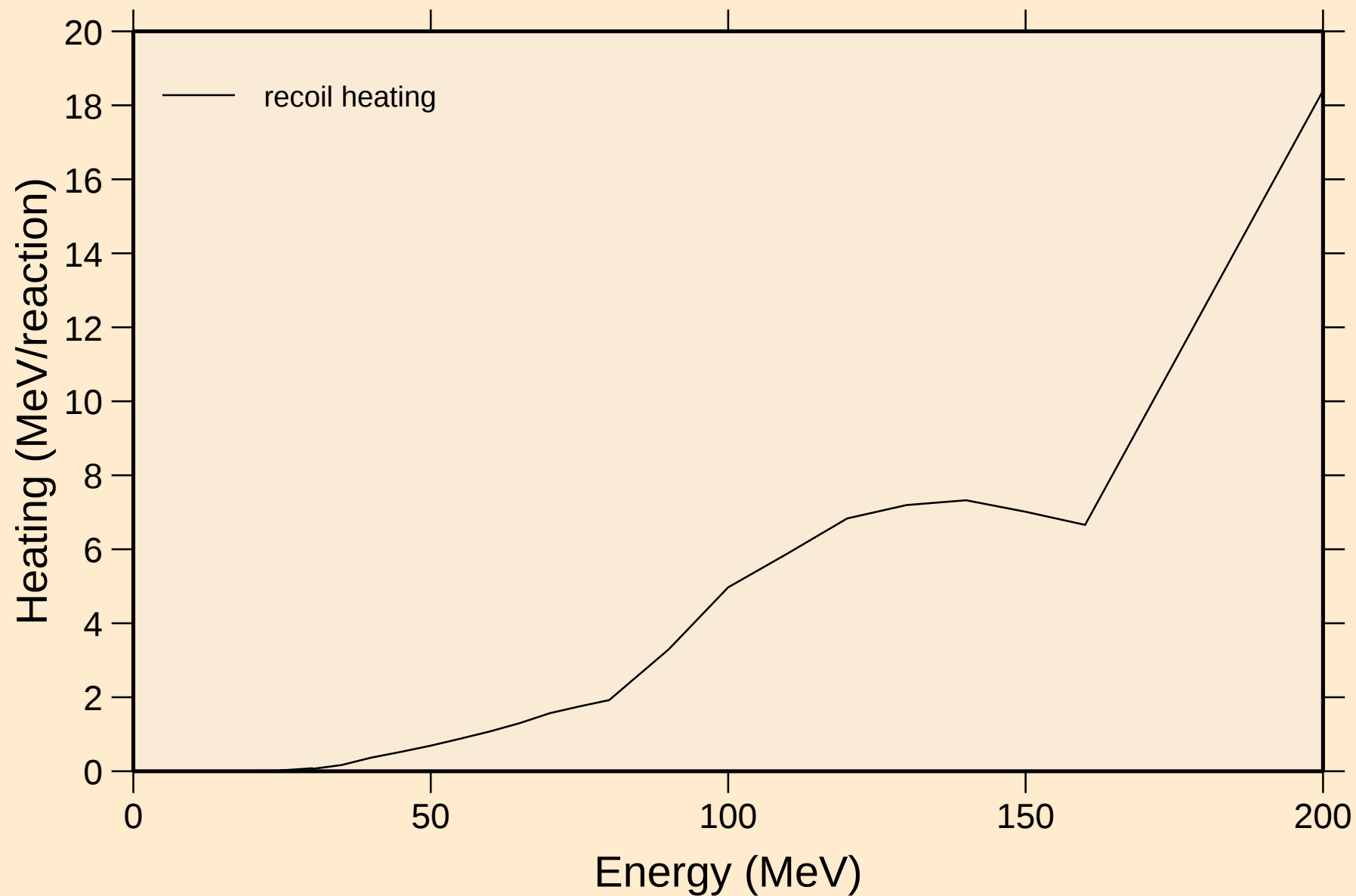
# DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



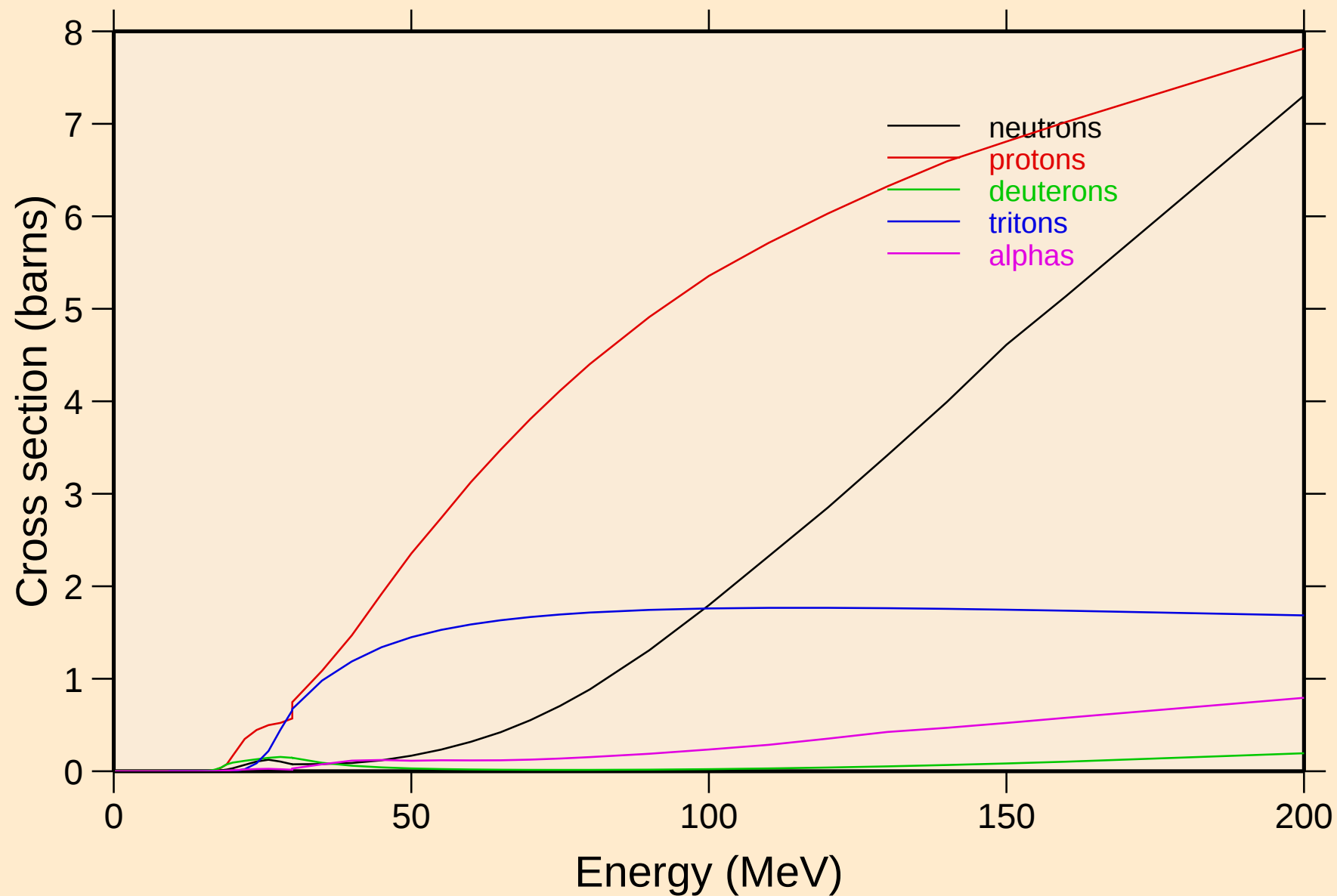
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

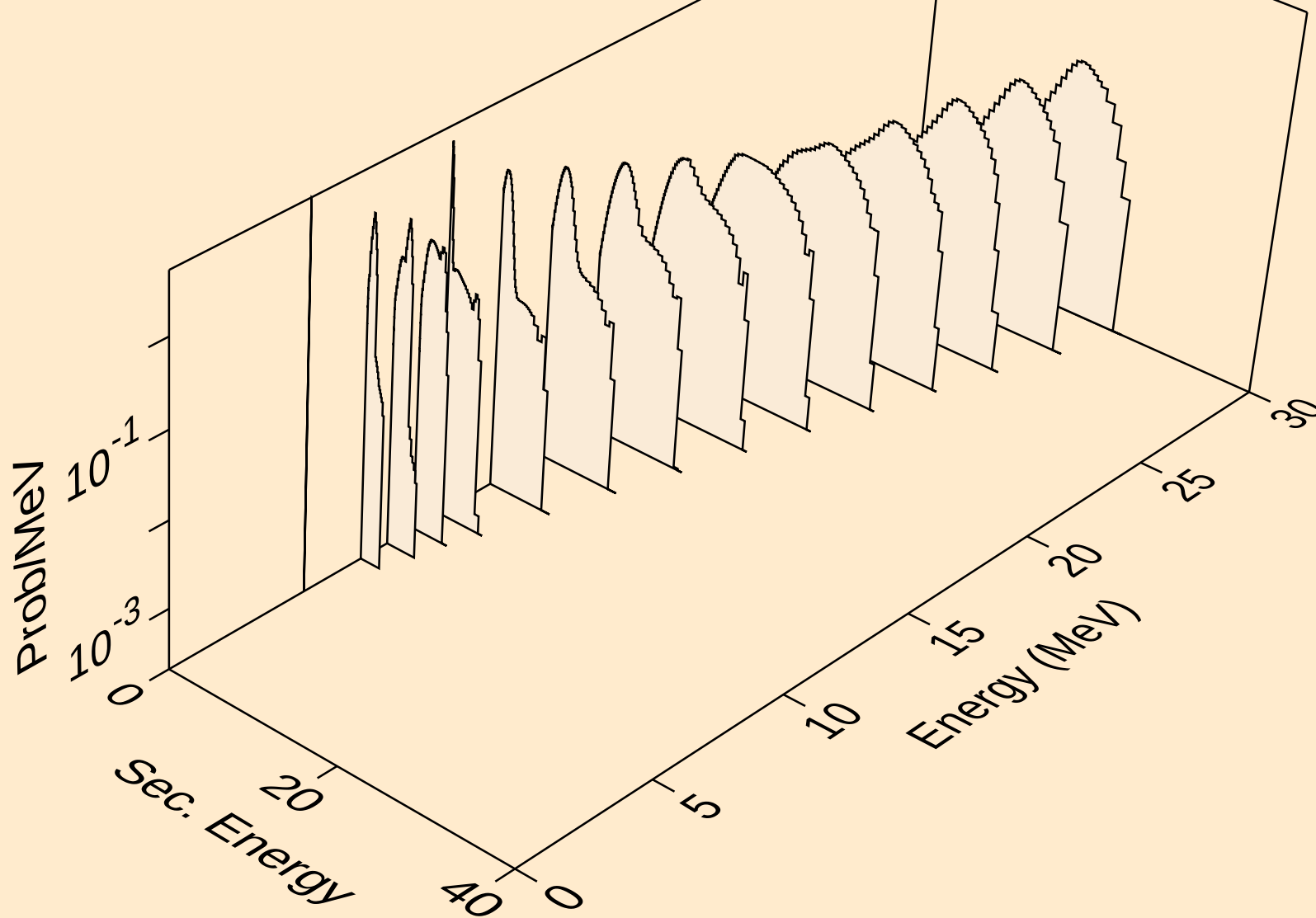


DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K

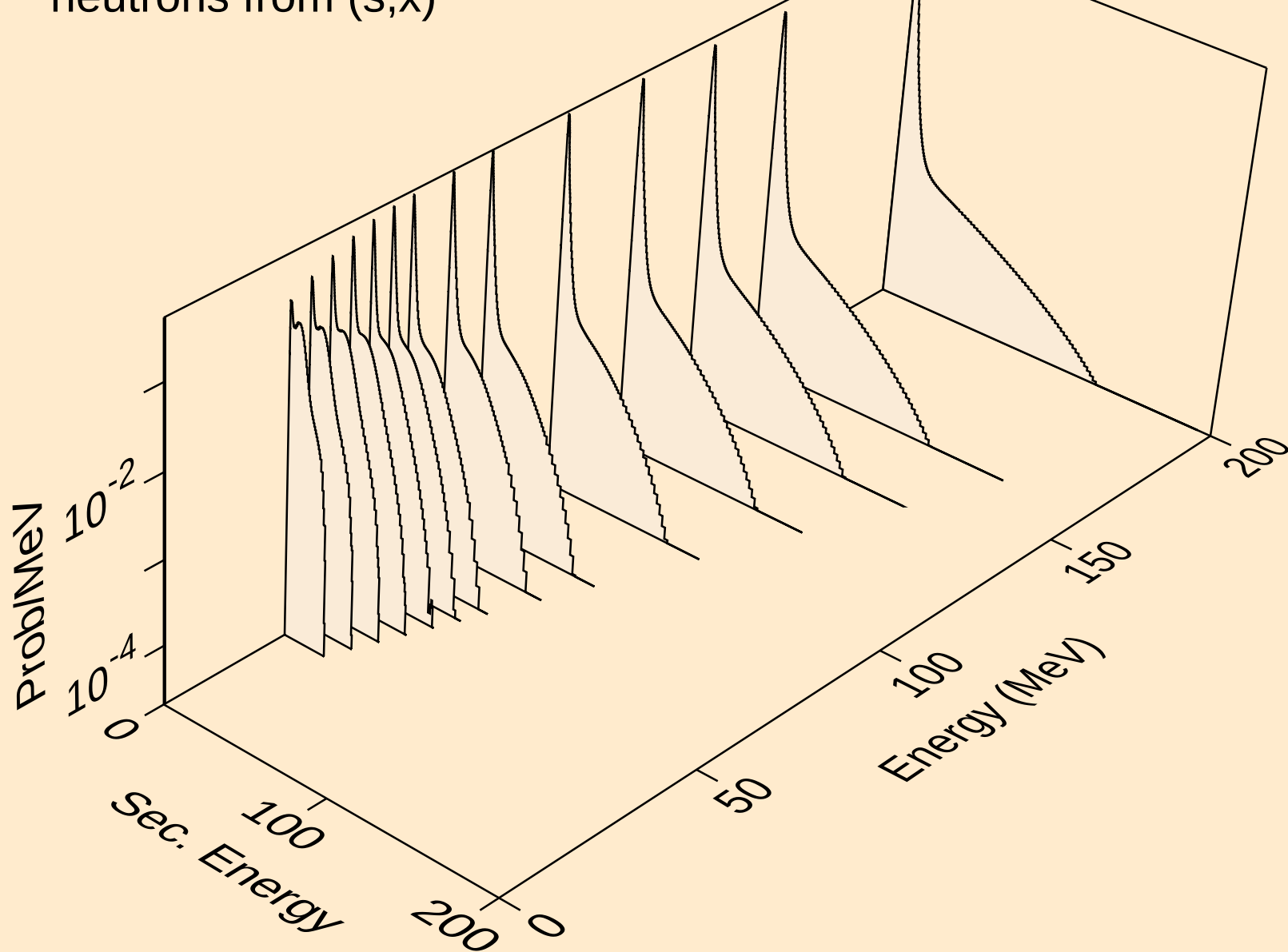
Particle production cross sections



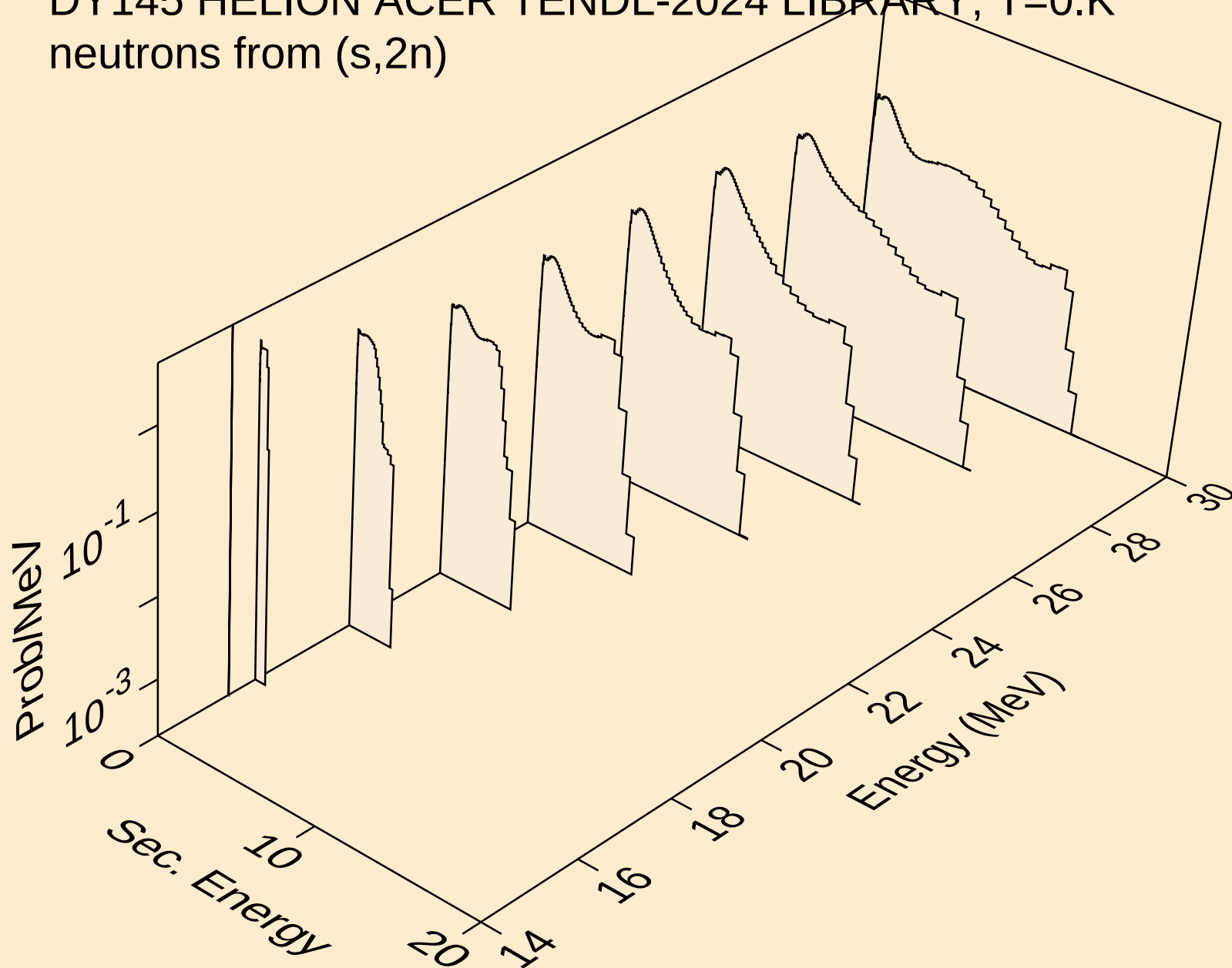
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



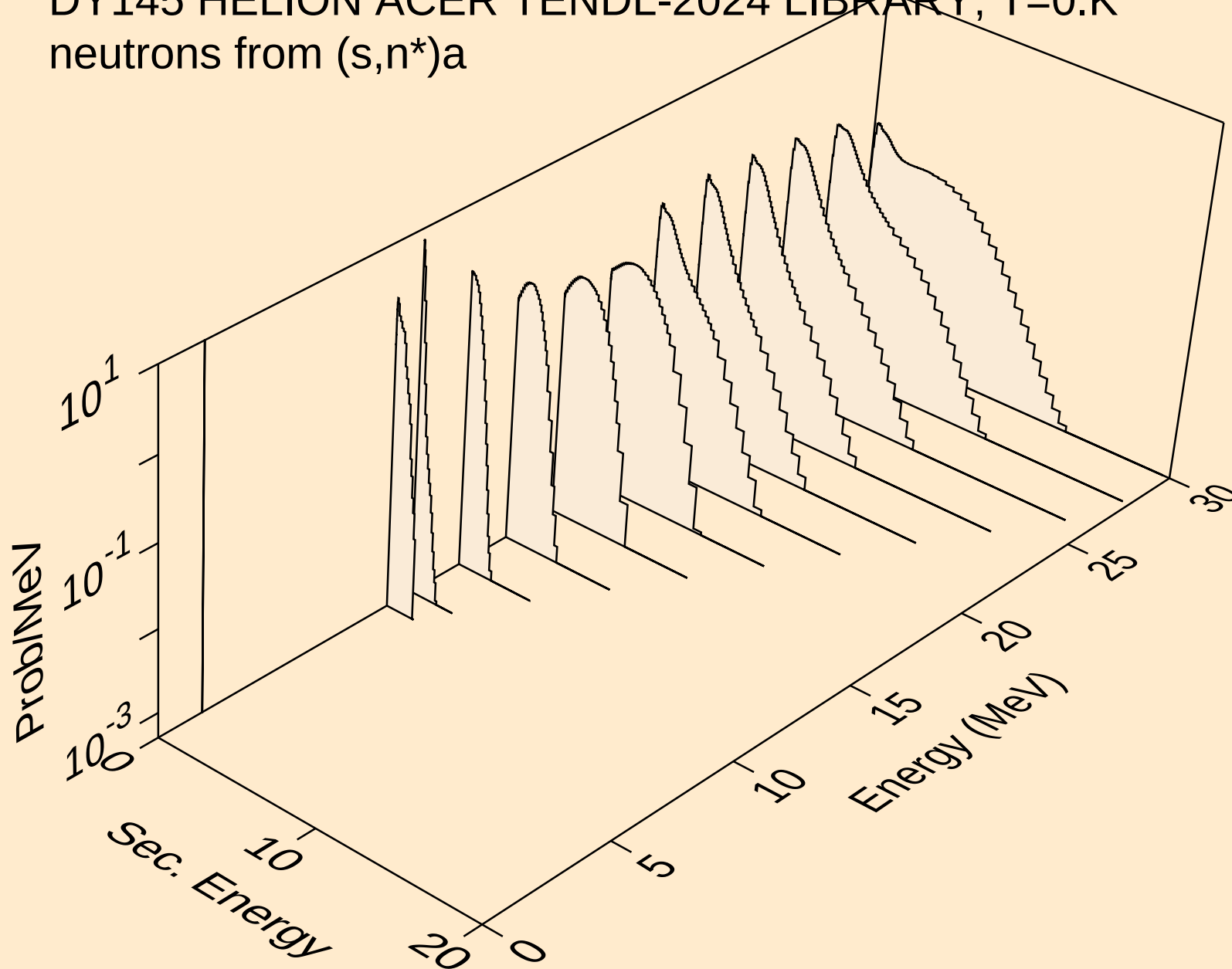
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



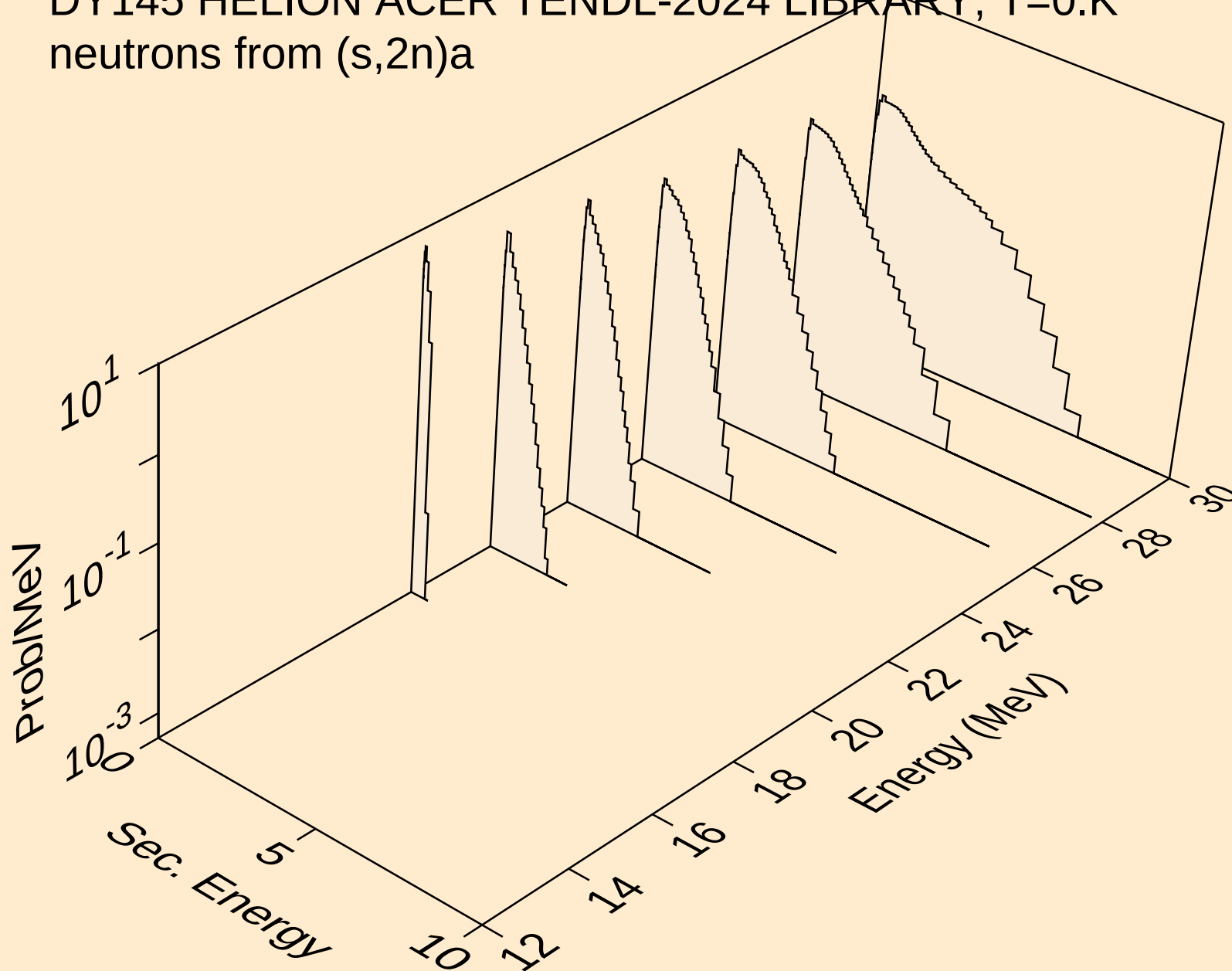
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



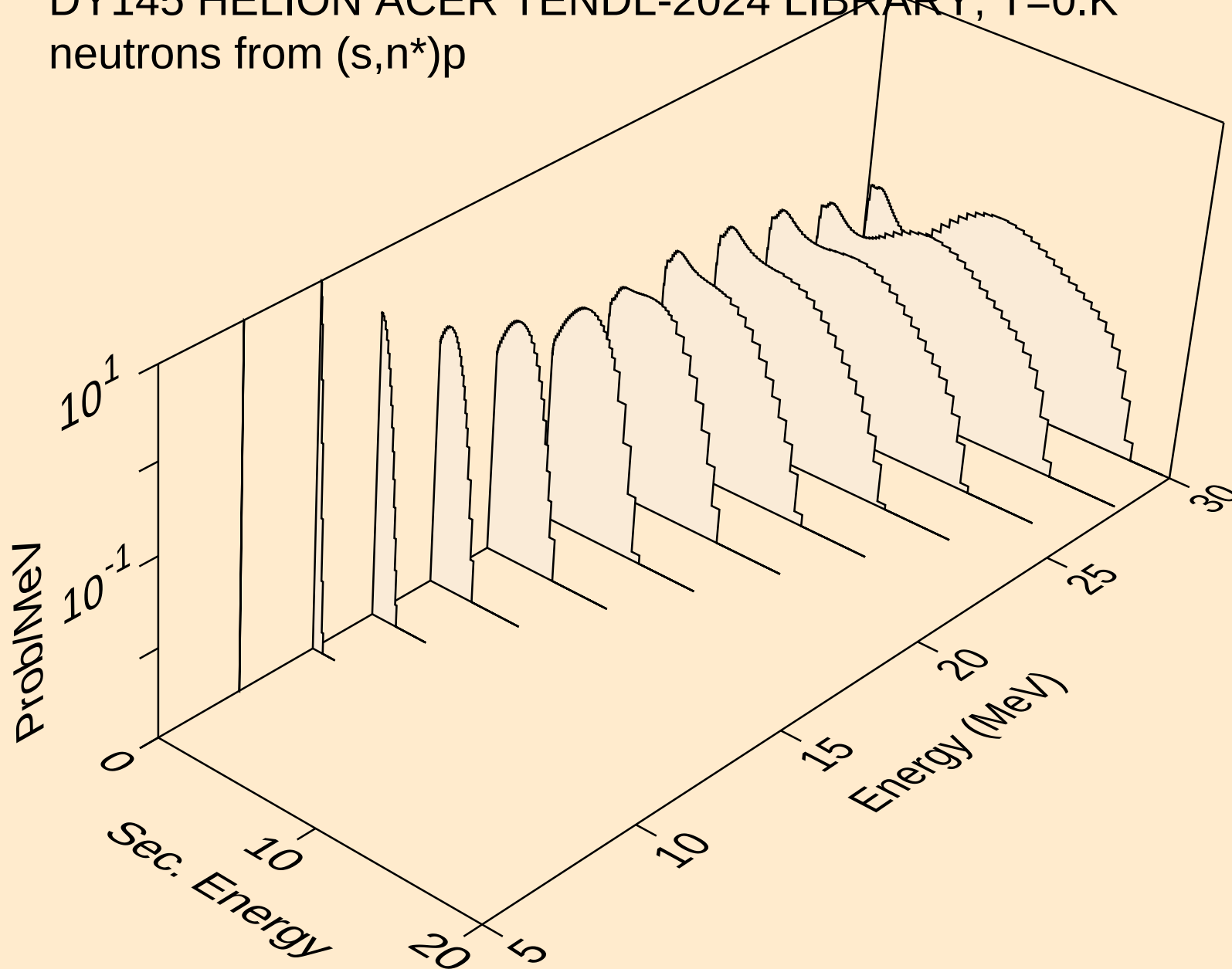
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



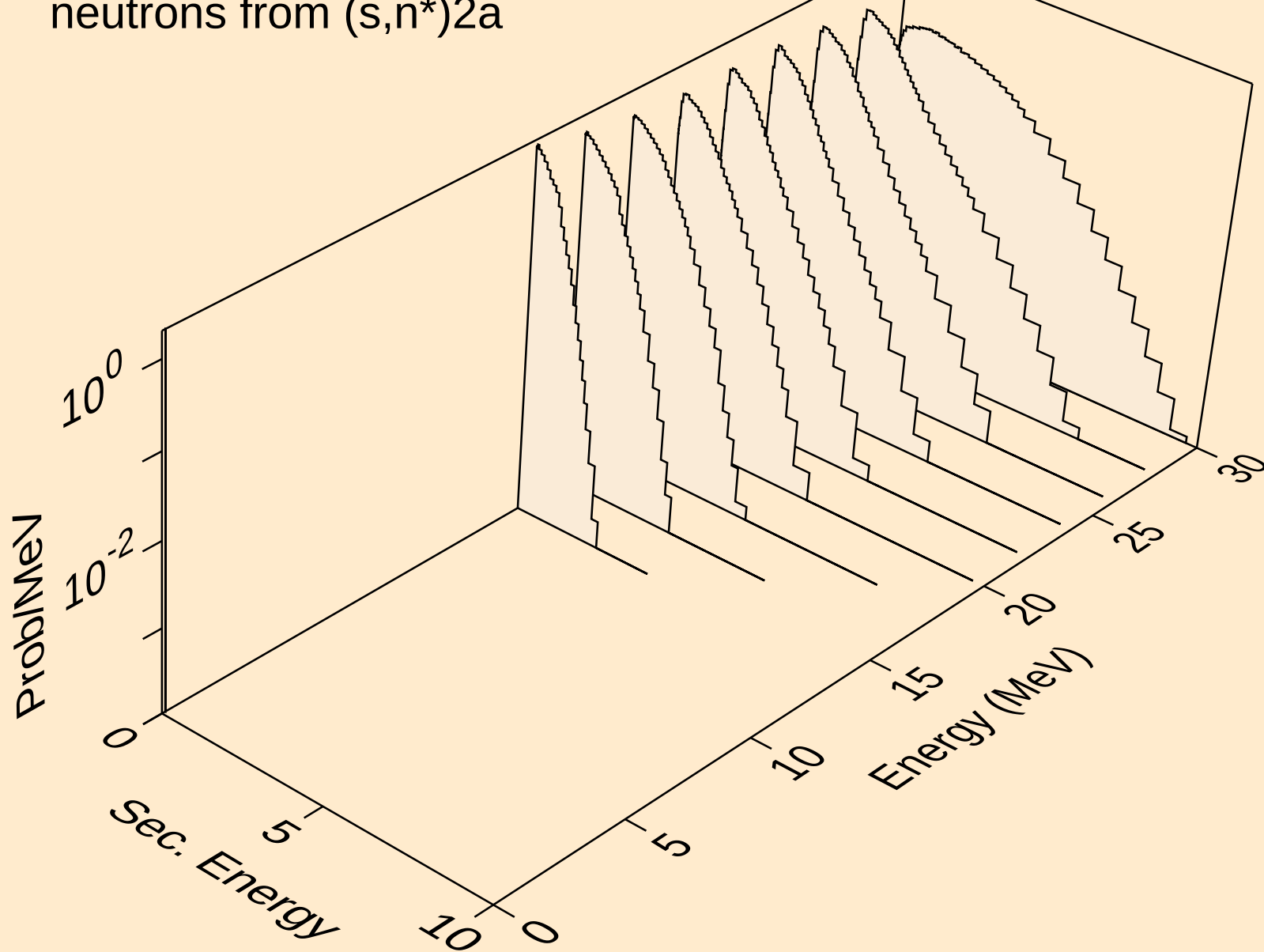
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



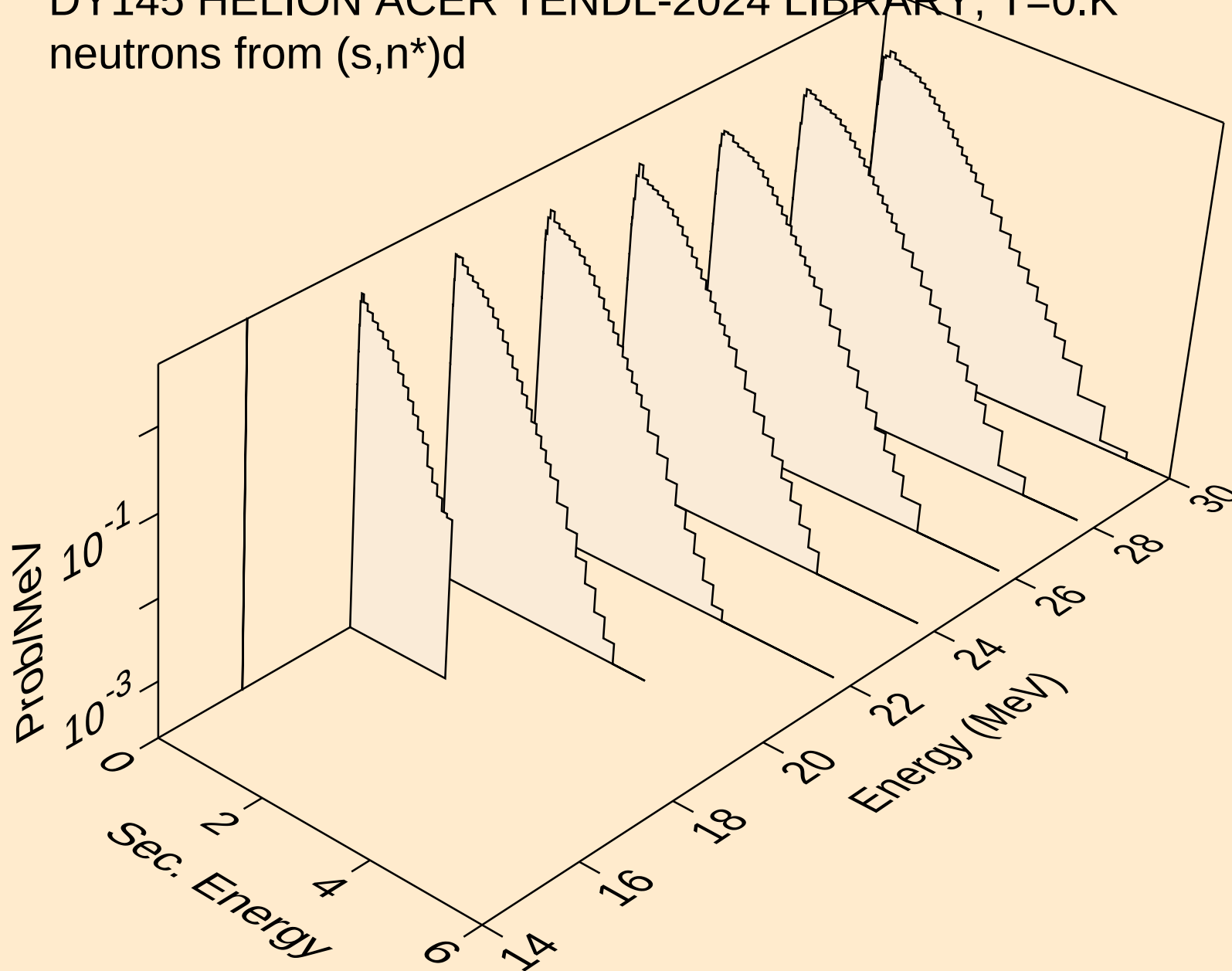
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



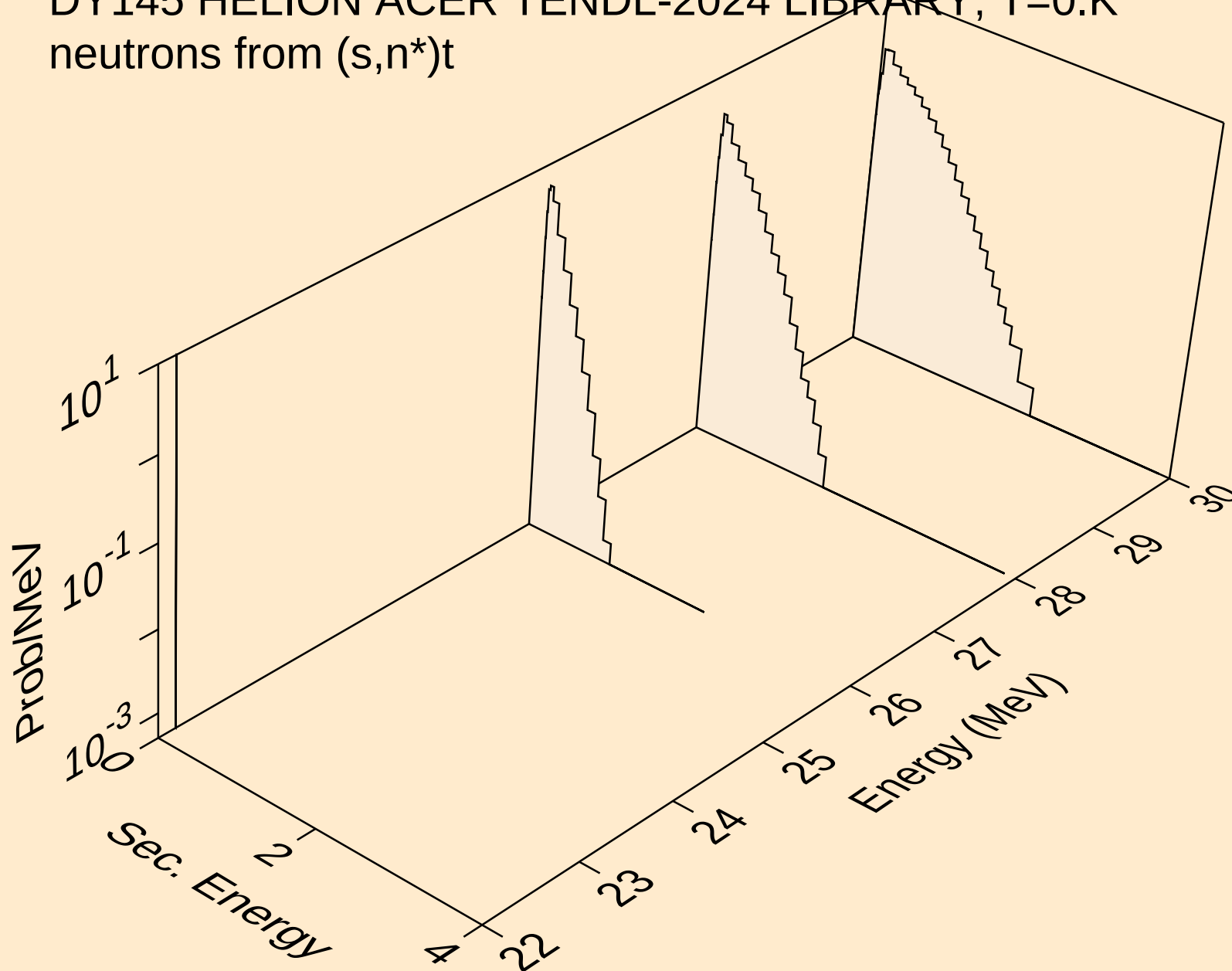
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



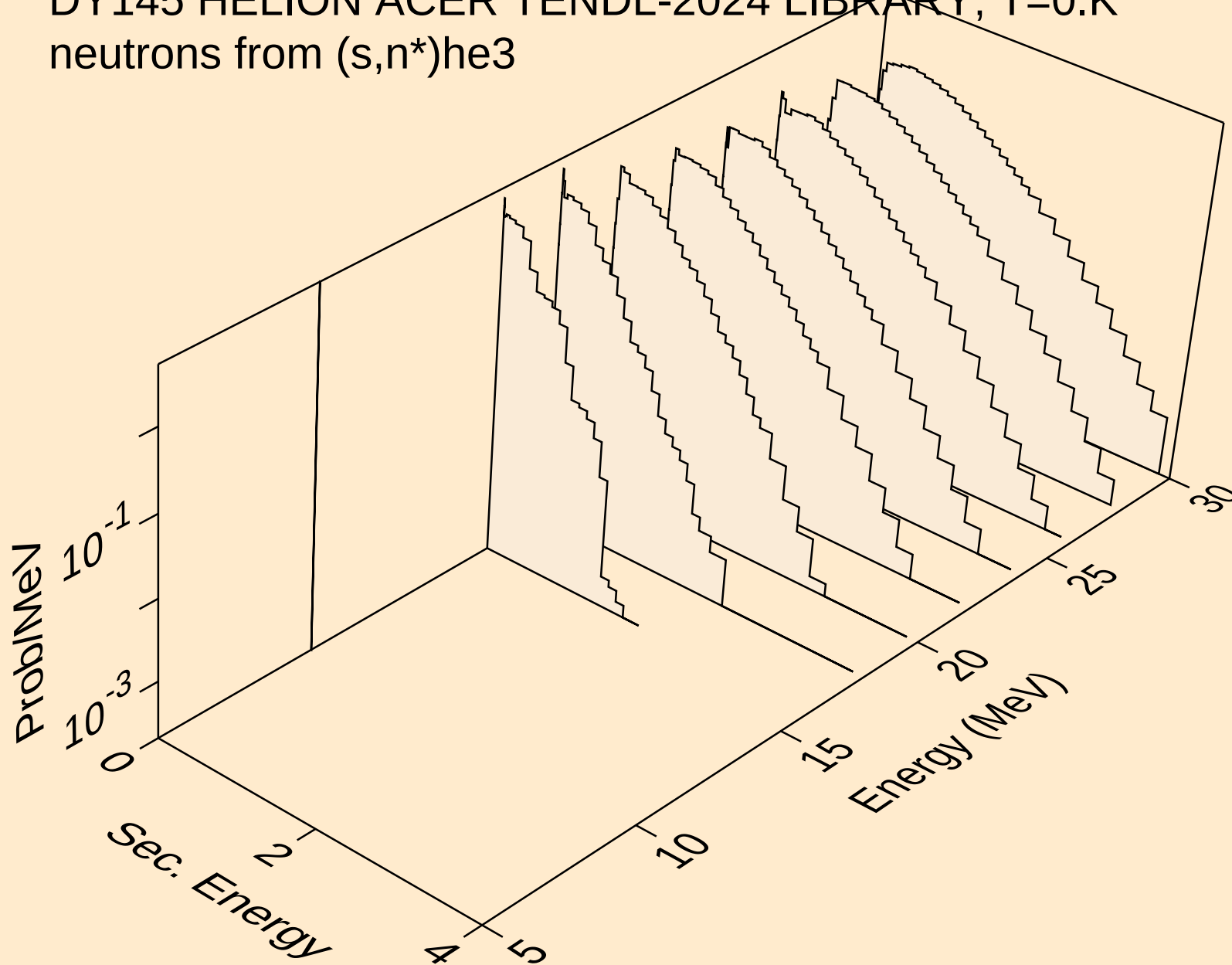
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



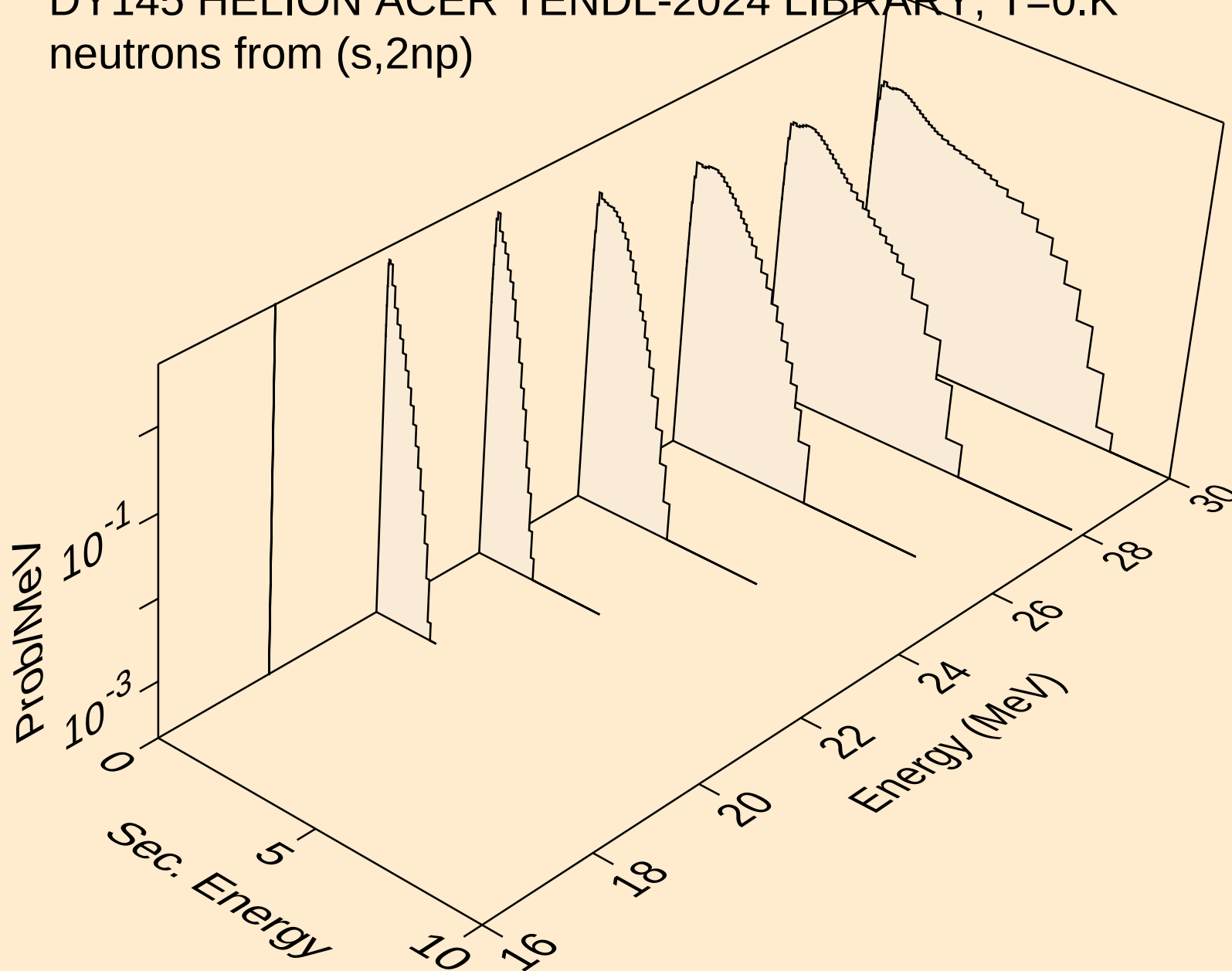
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



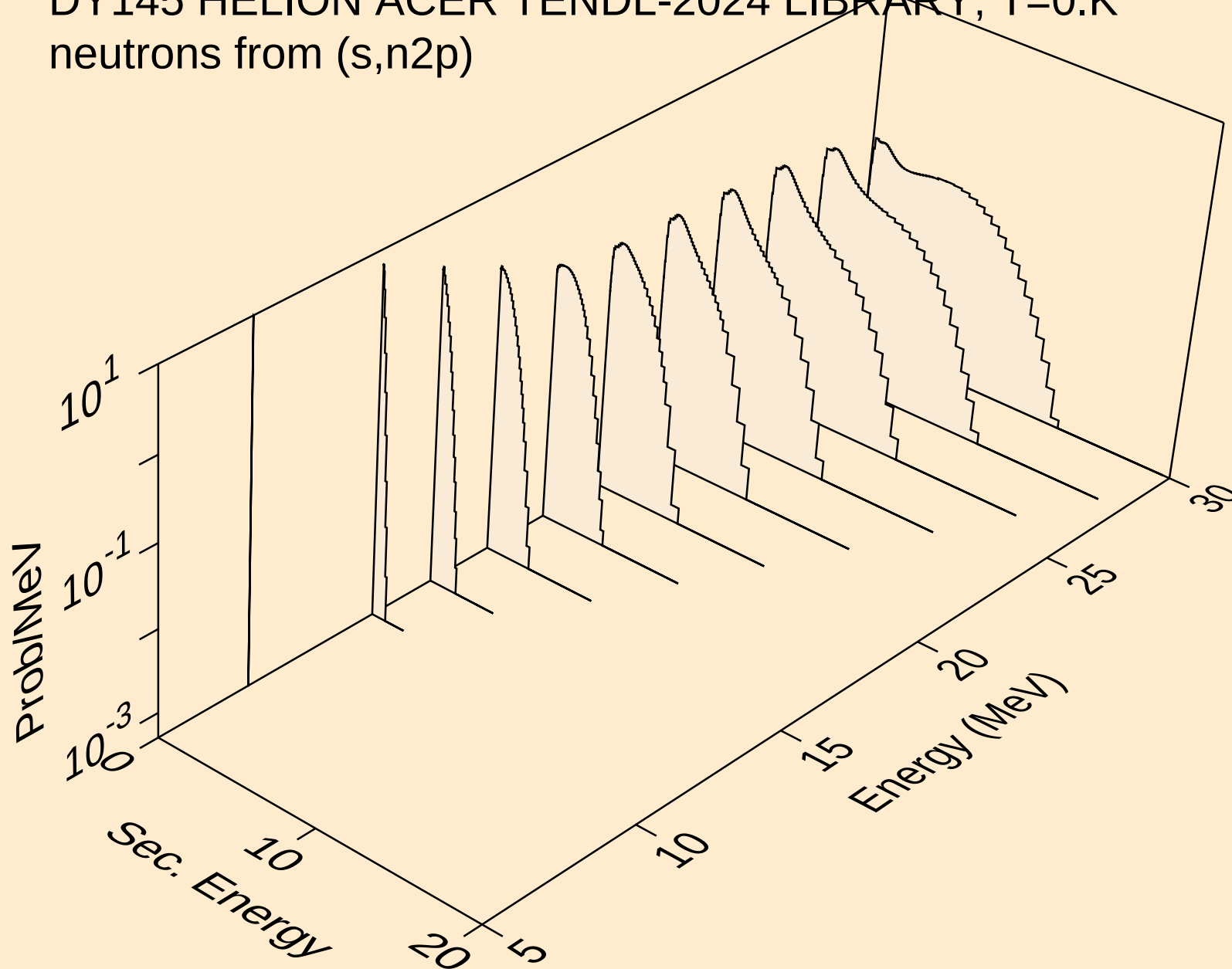
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



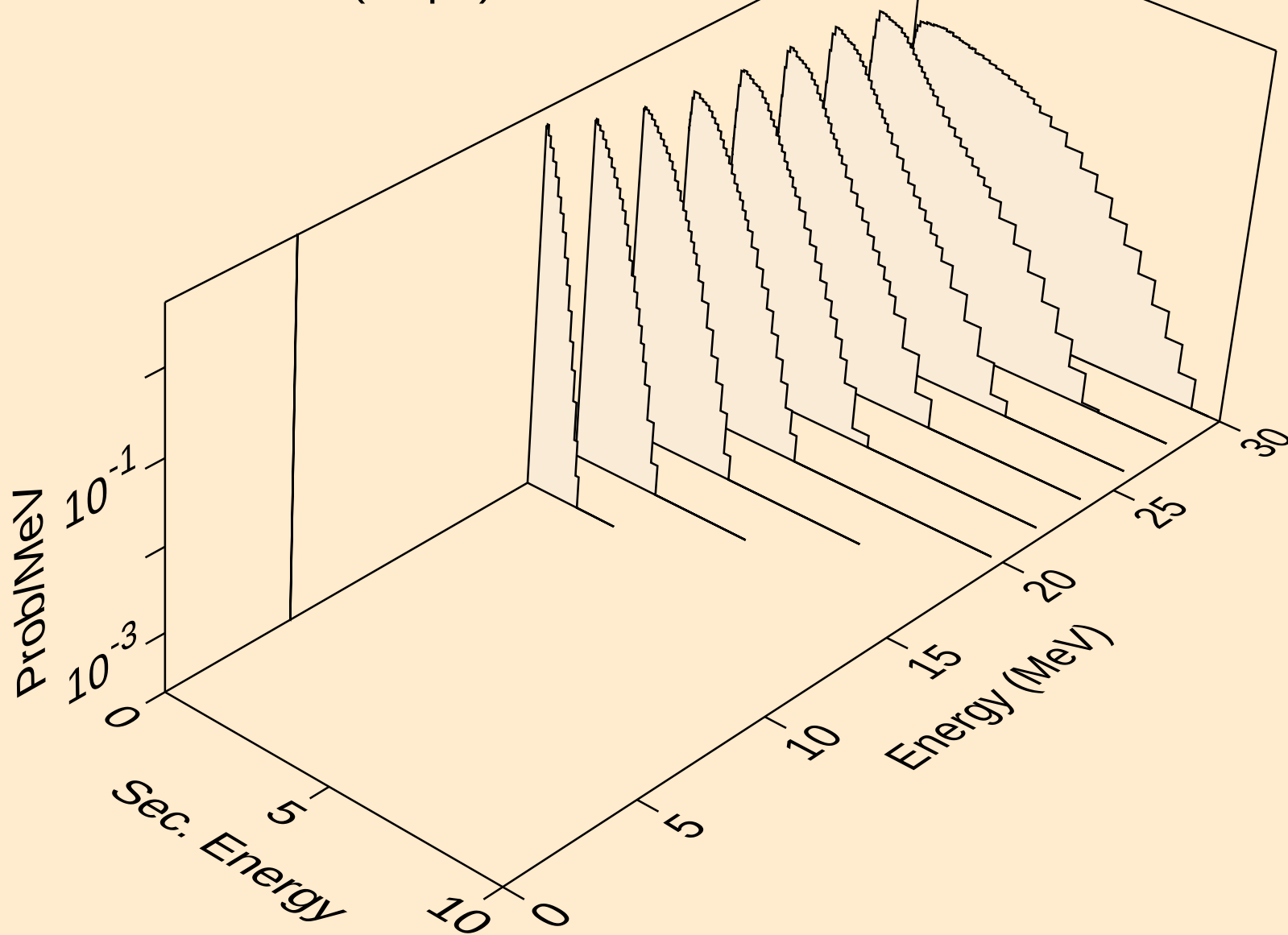
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



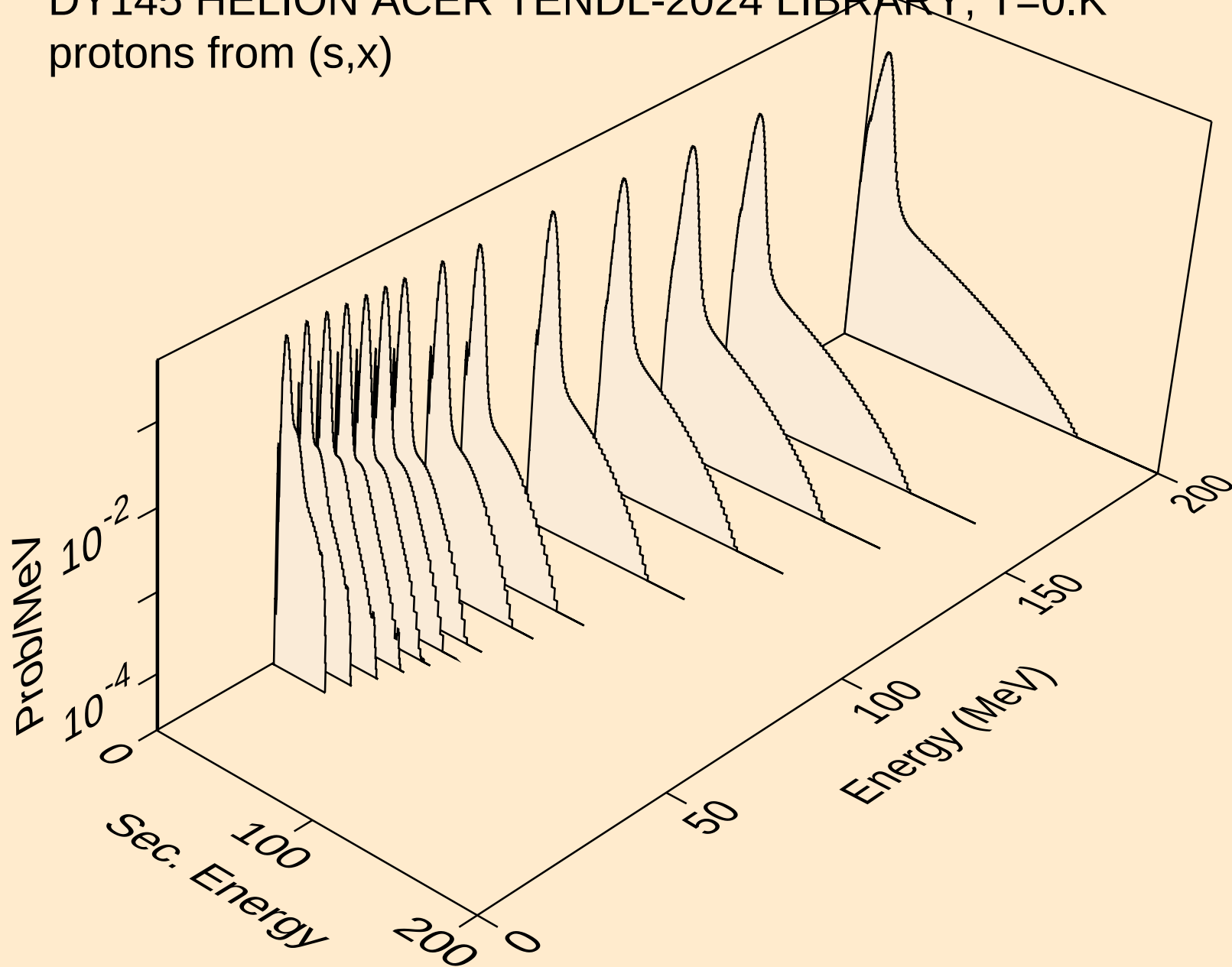
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n2p)



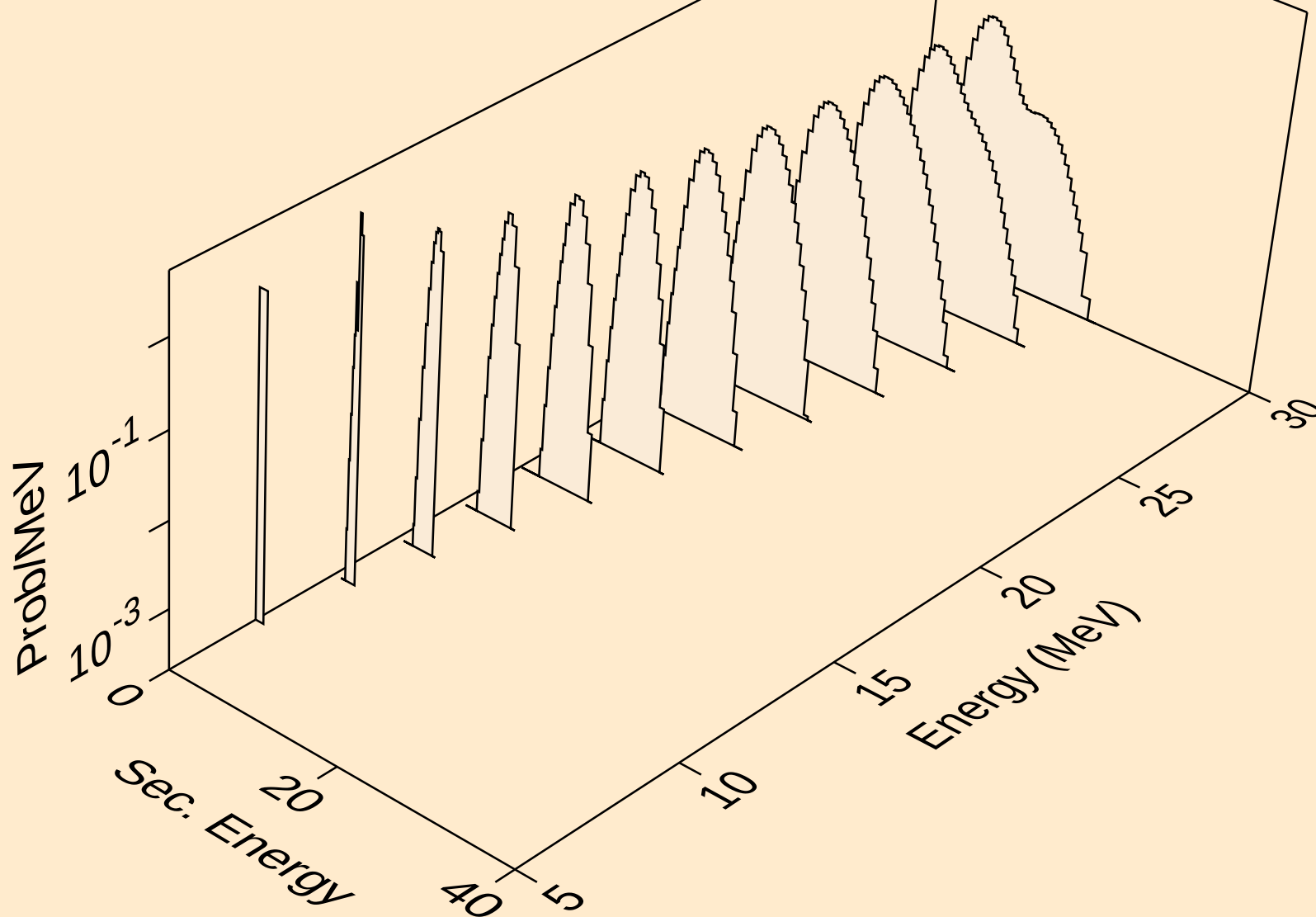
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



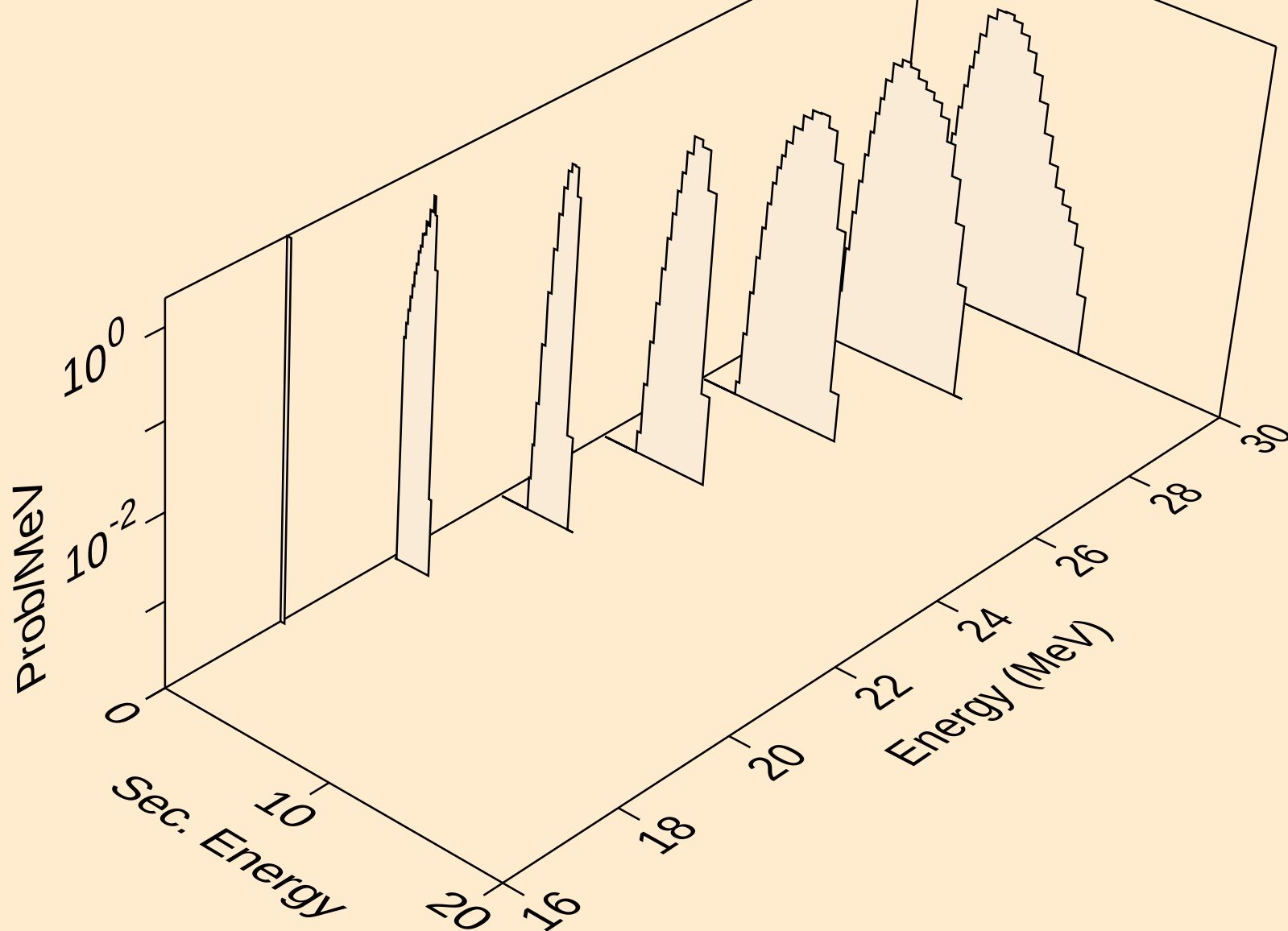
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)



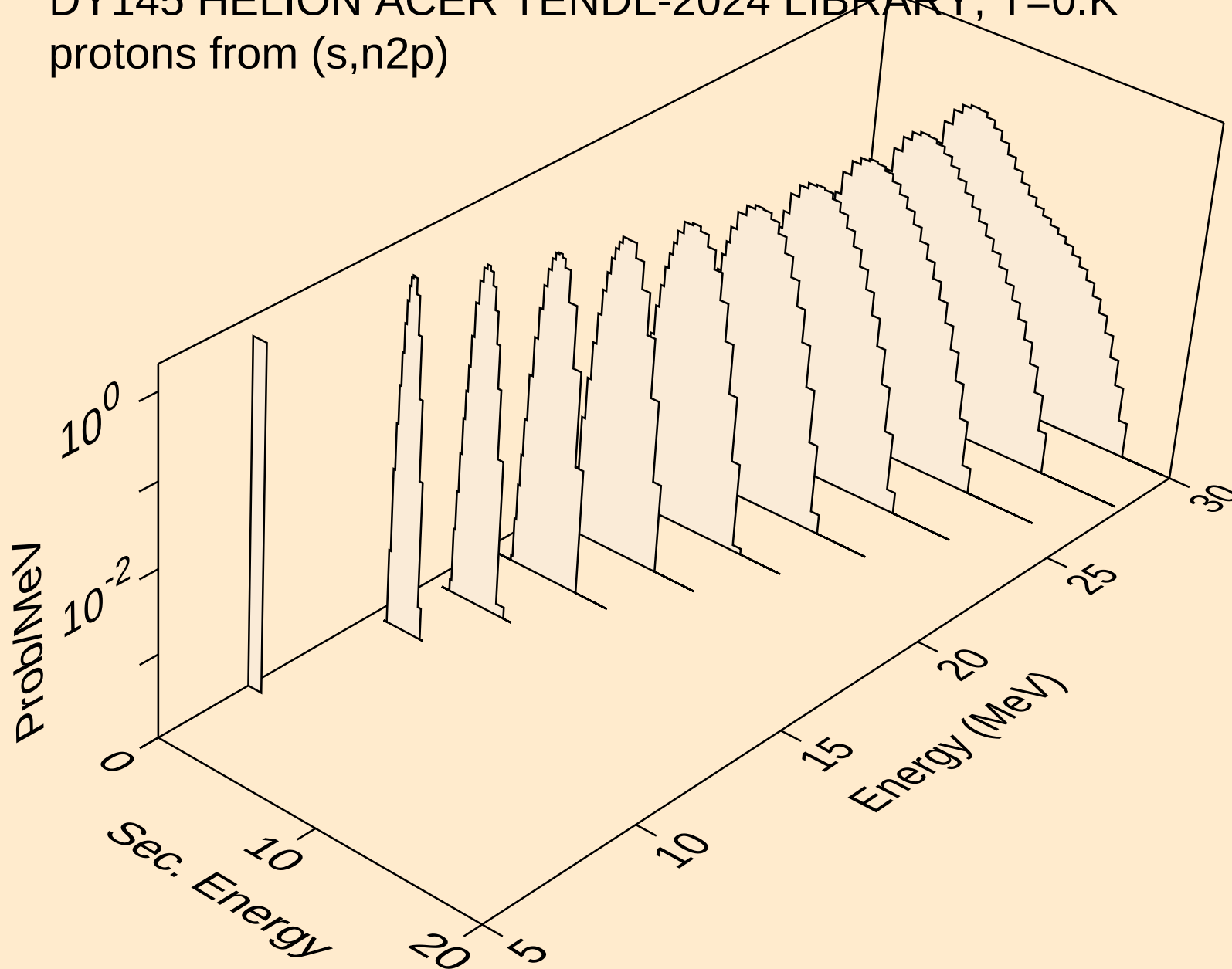
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p



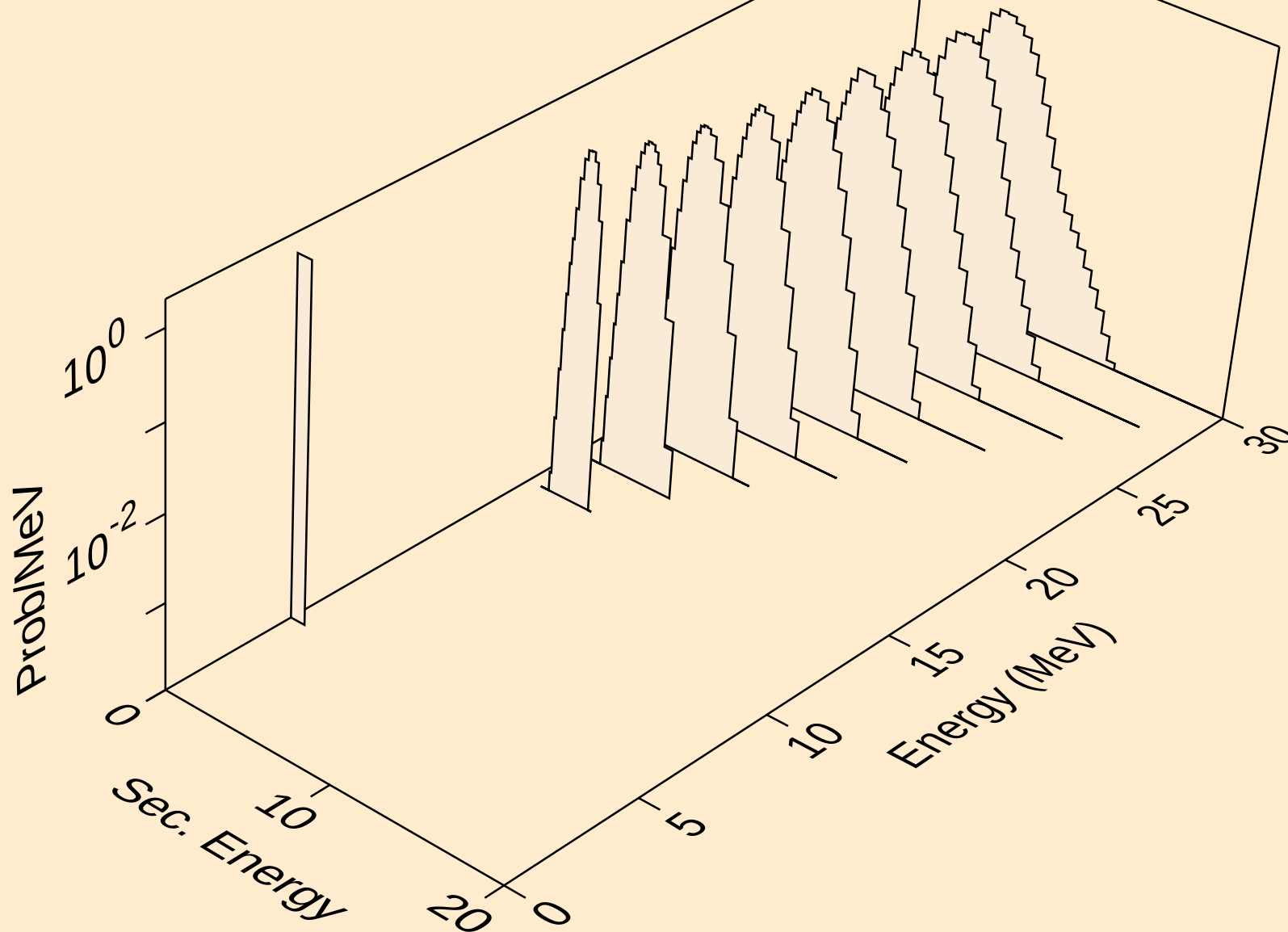
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protons from (s,2np)



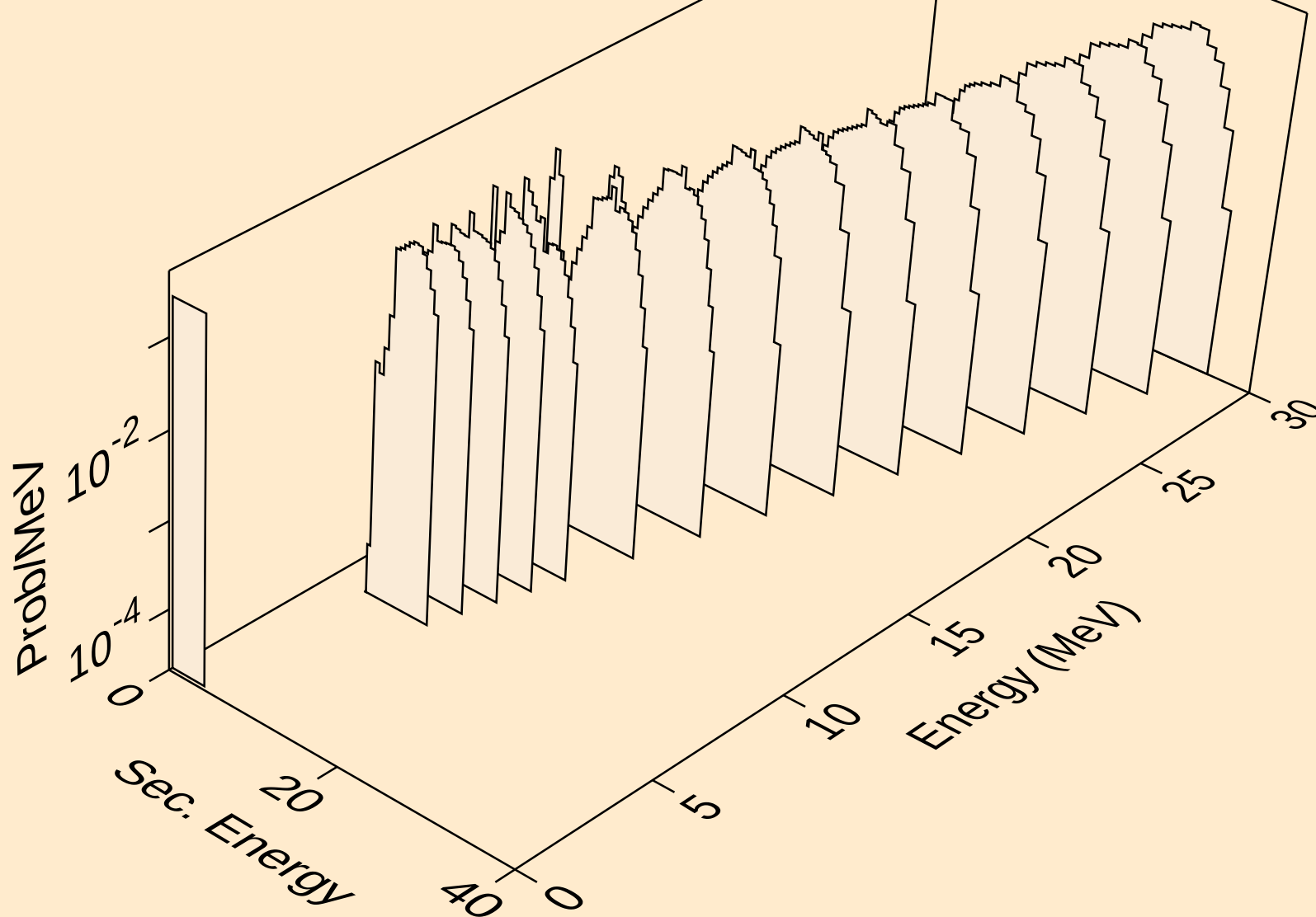
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



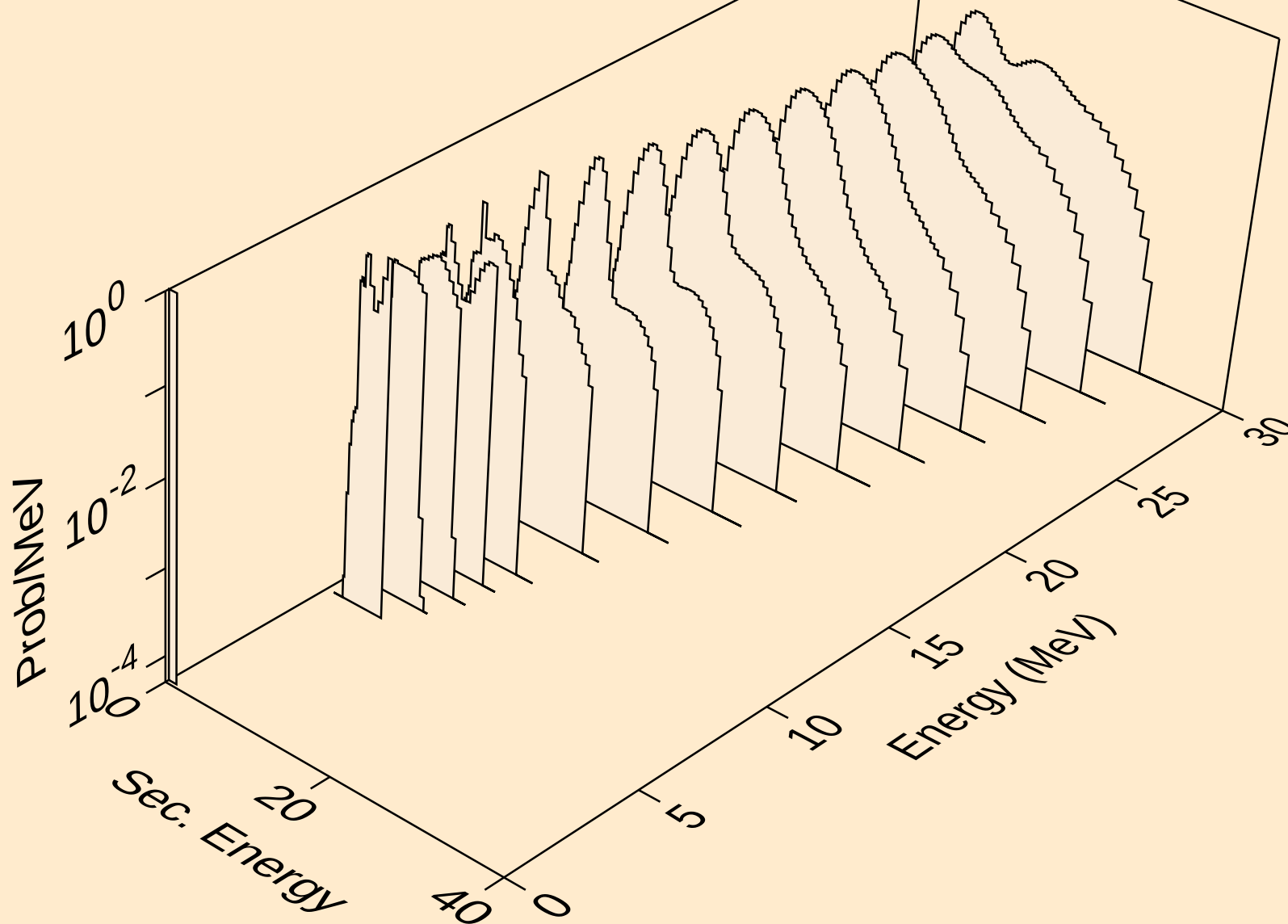
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



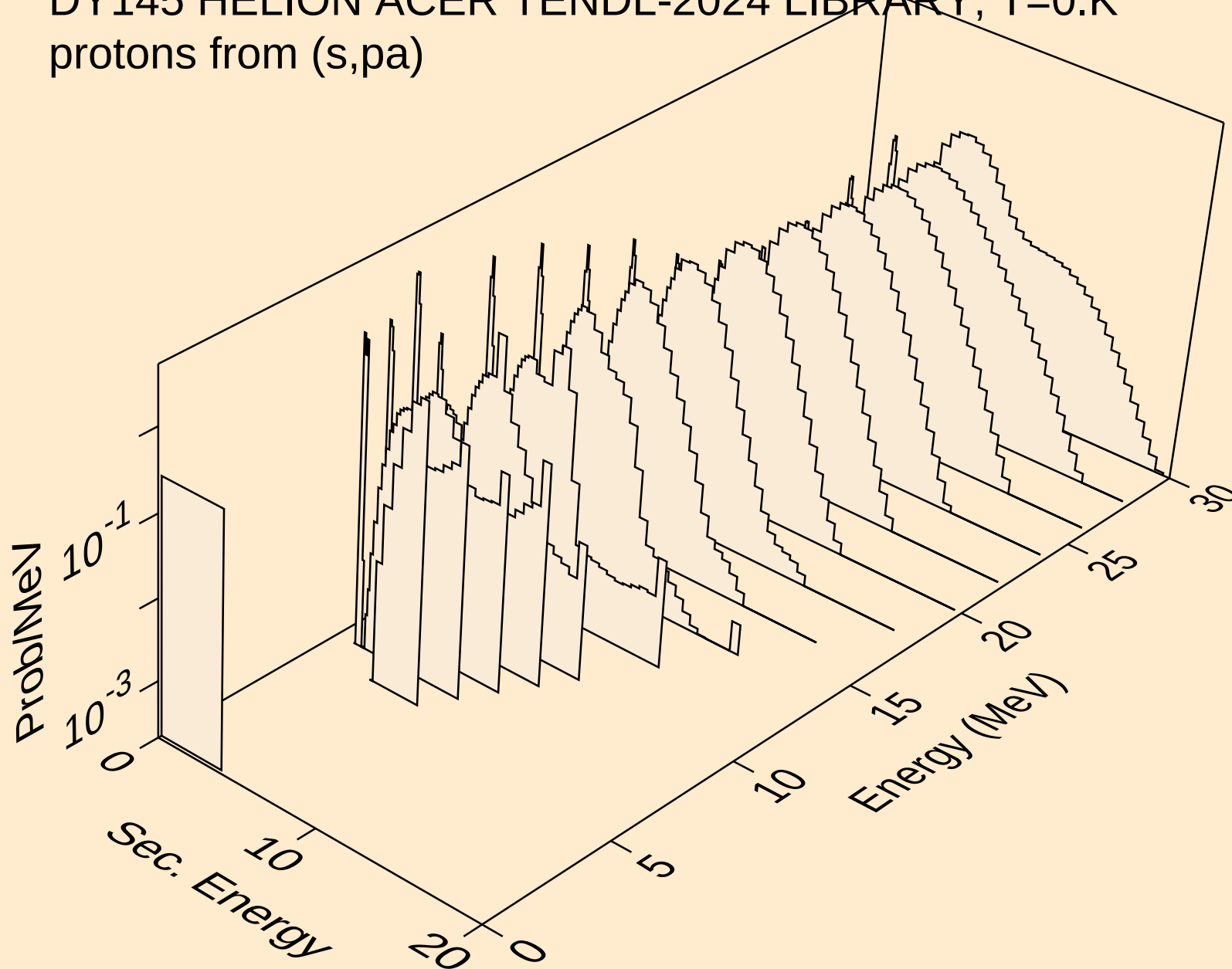
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



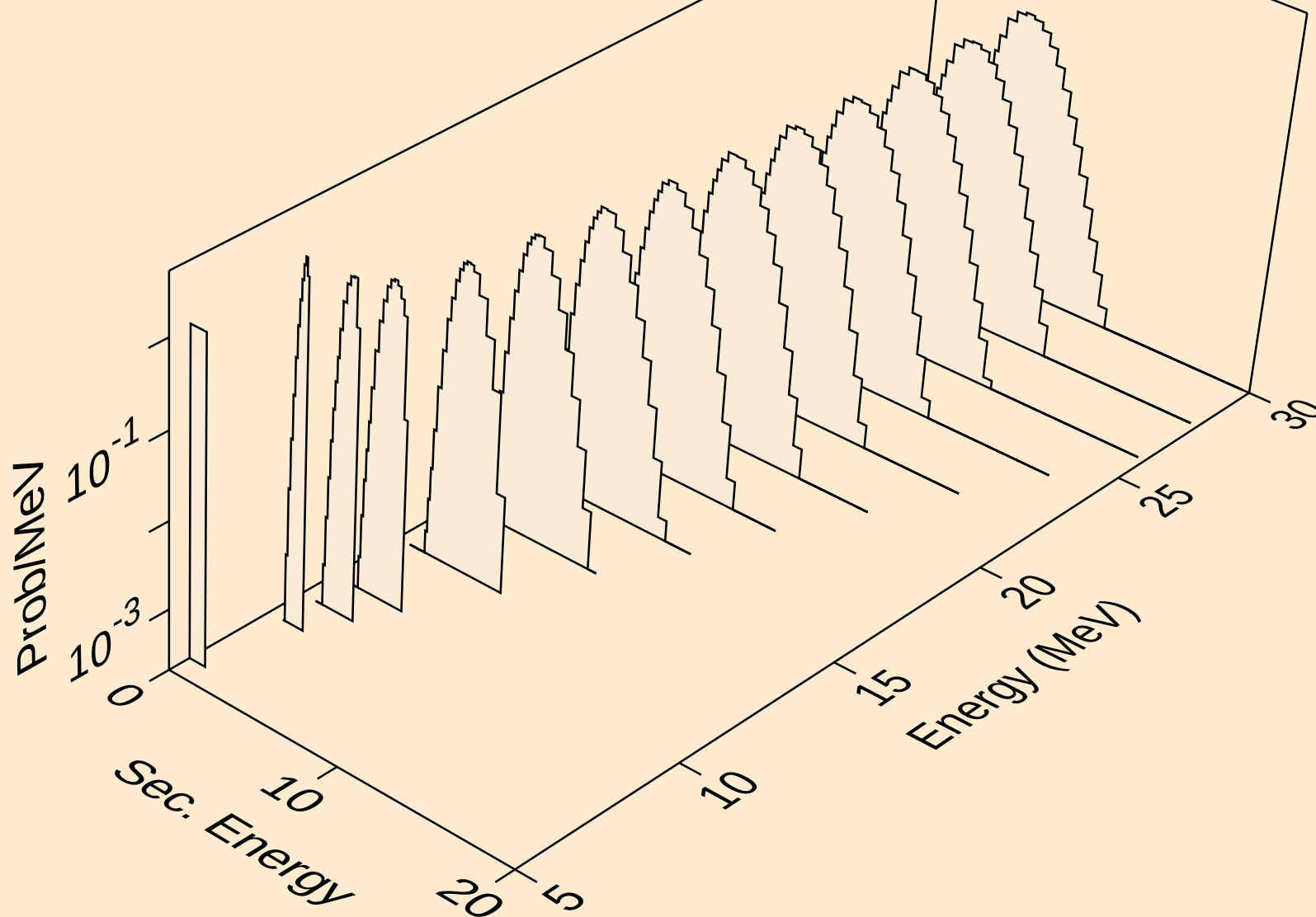
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



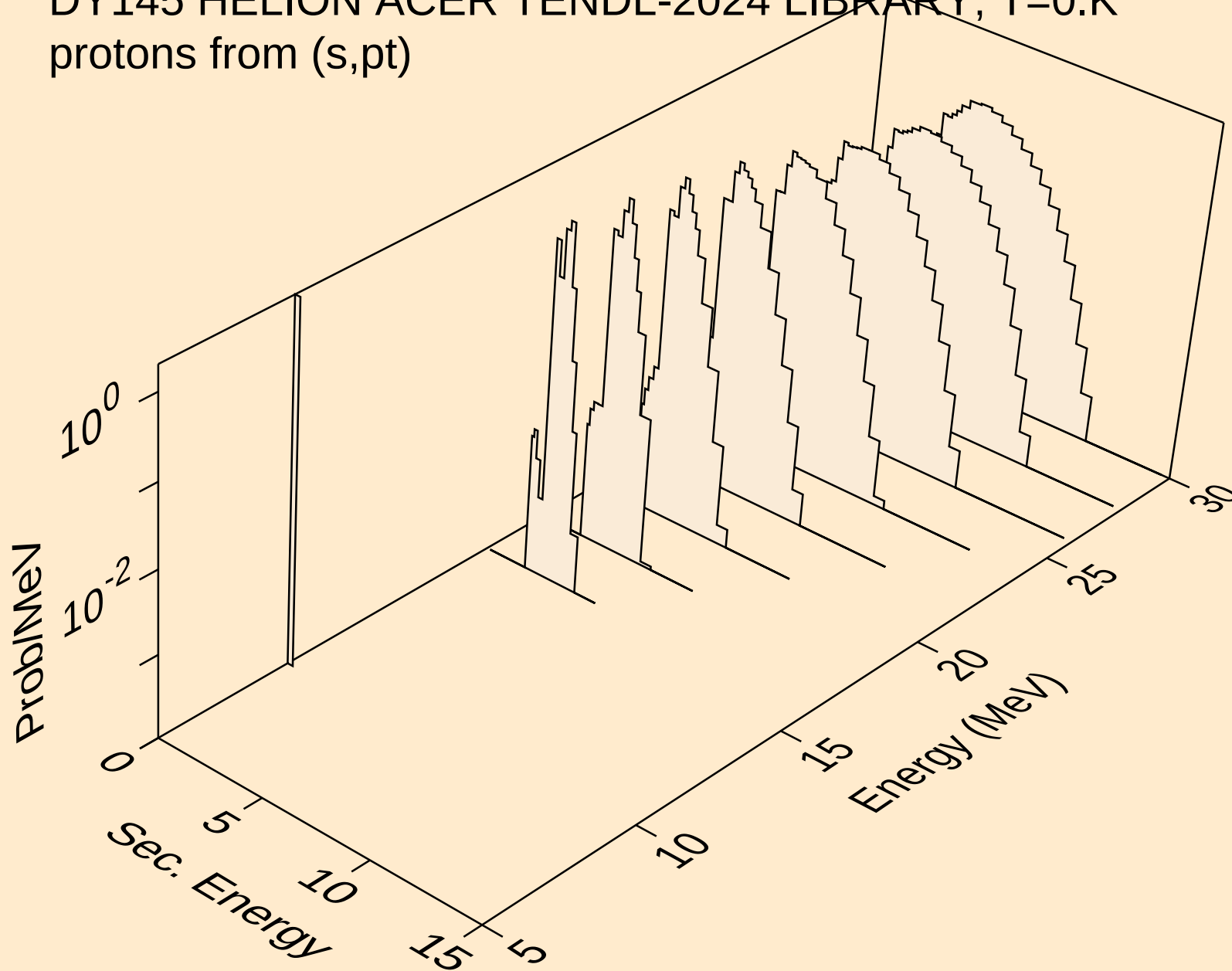
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



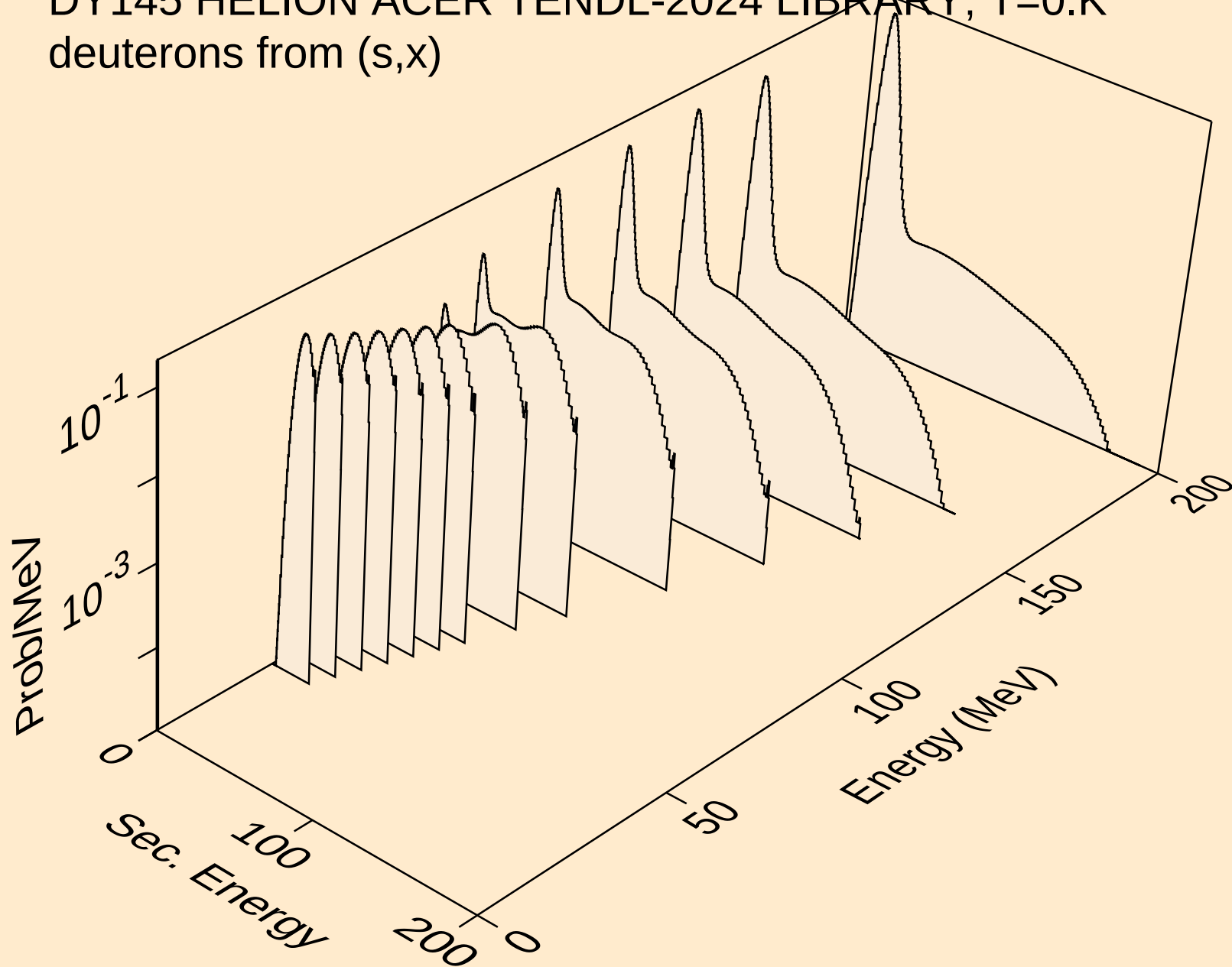
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protons from (s,pd)



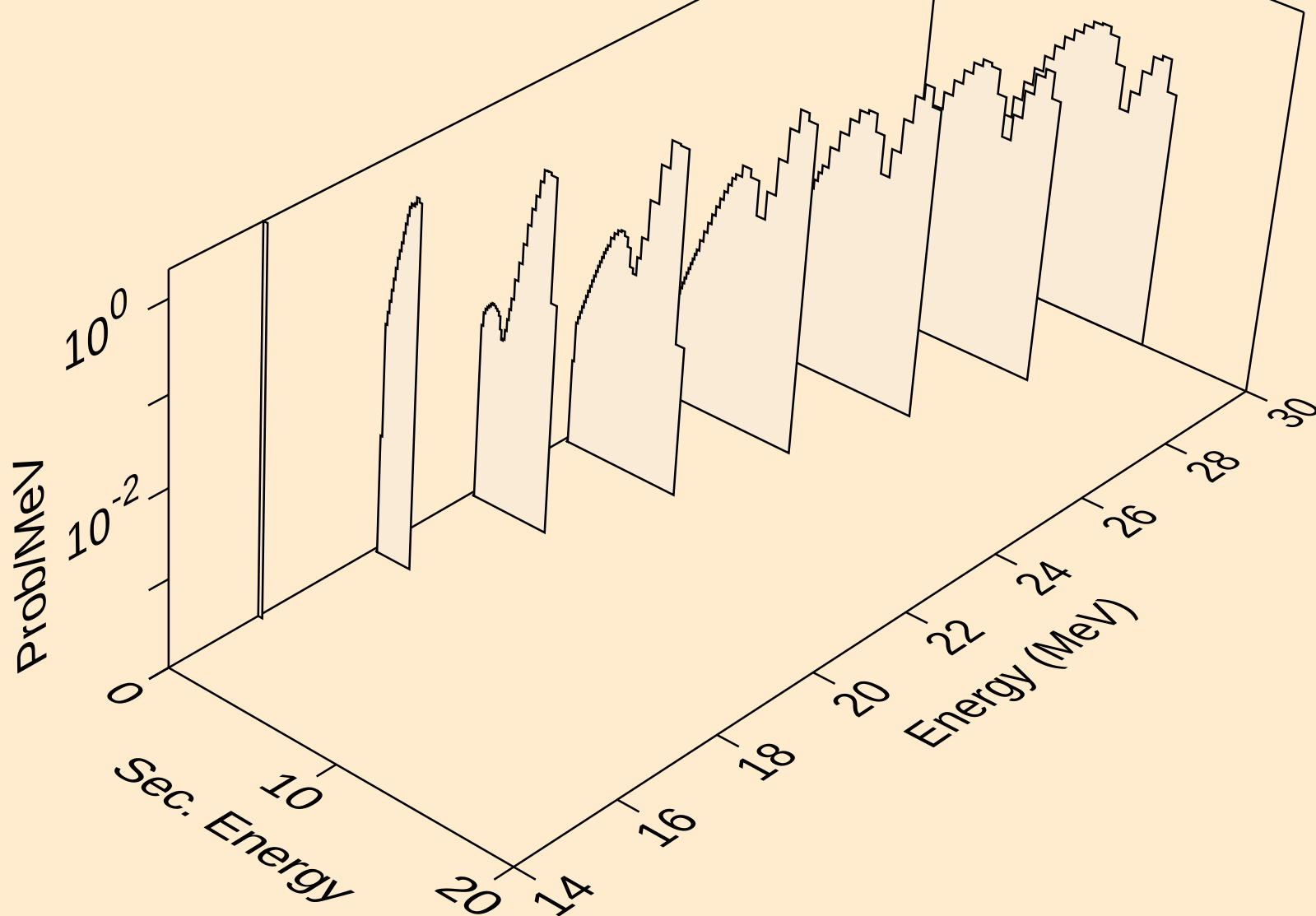
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protons from (s,pt)



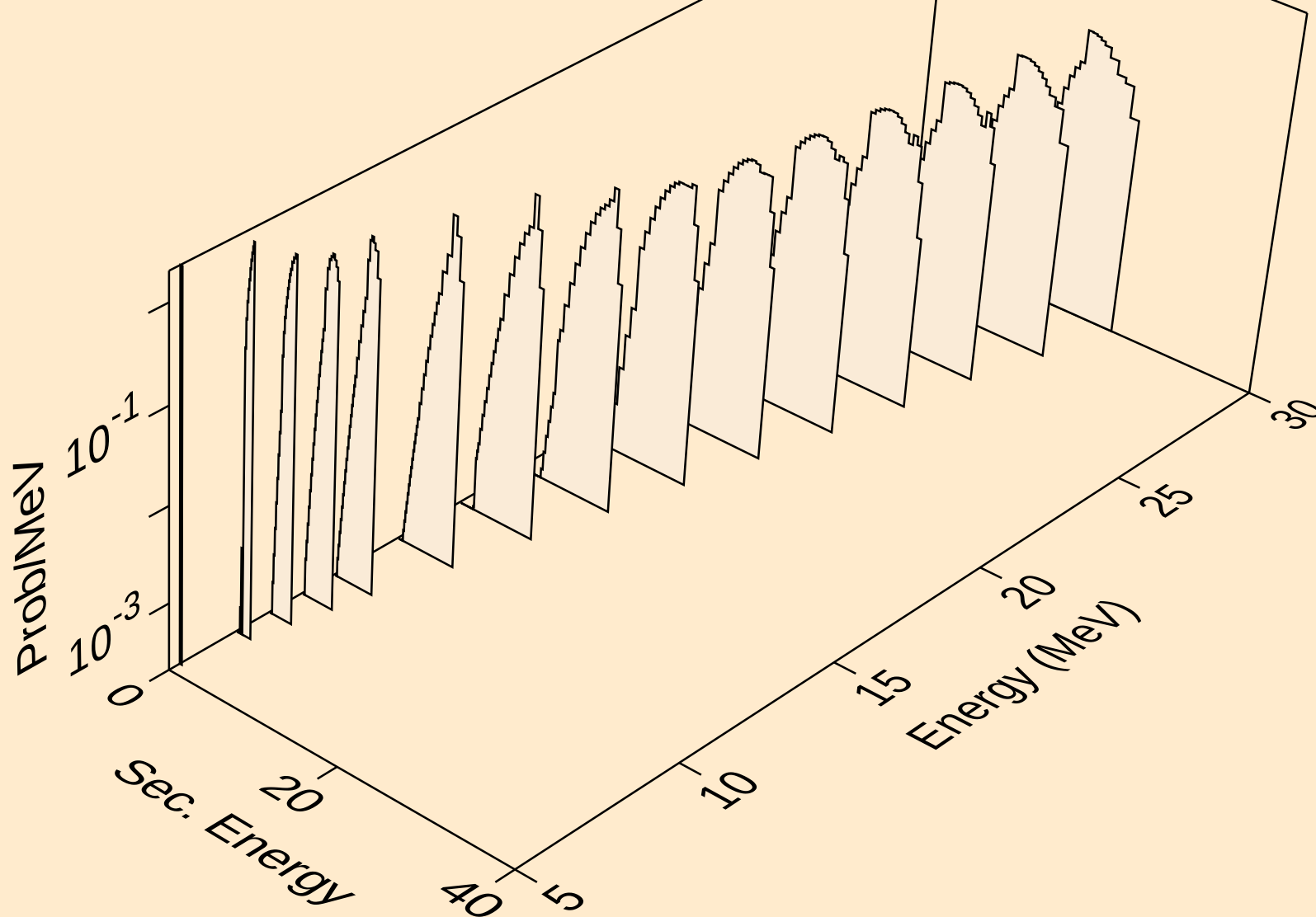
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



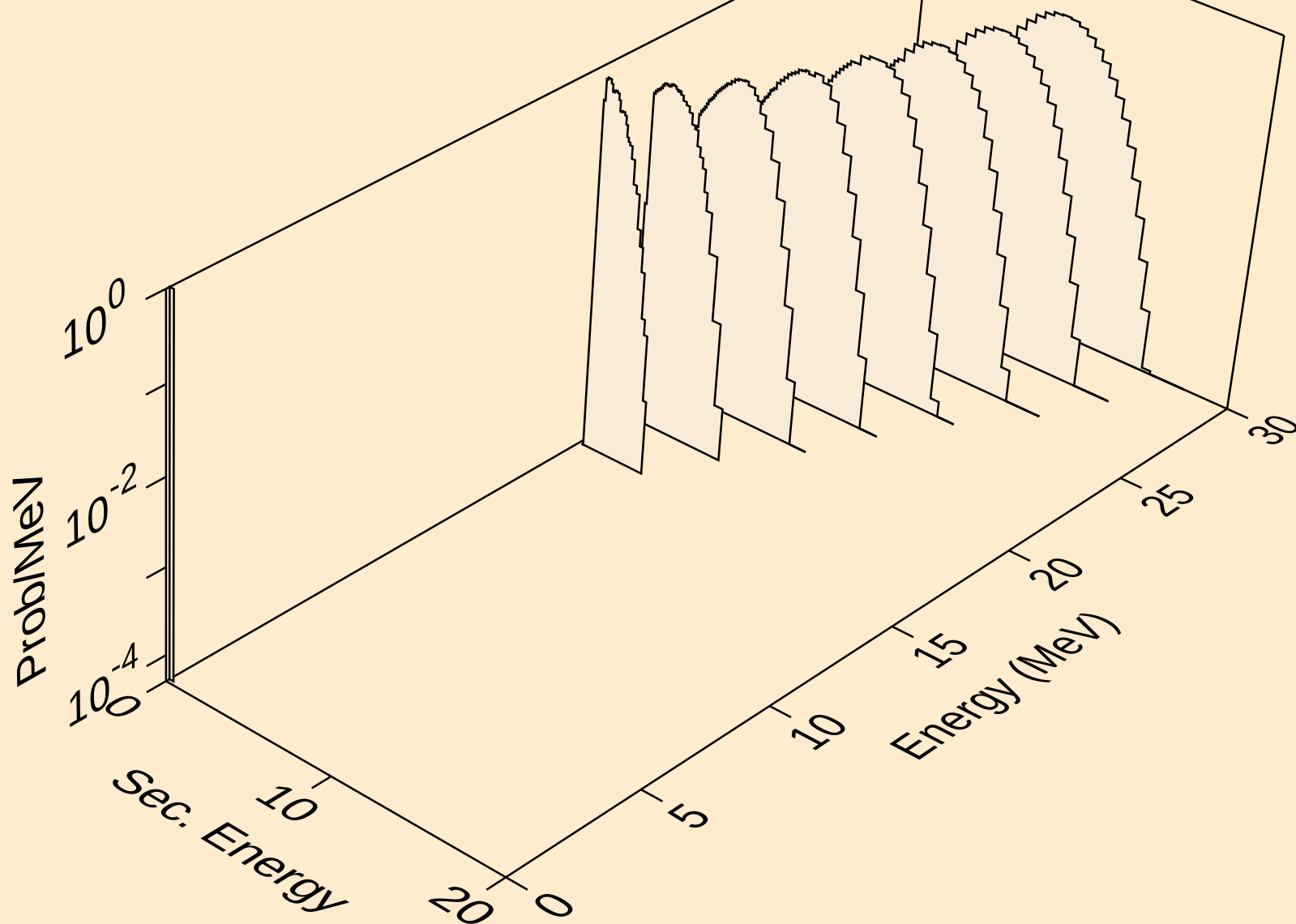
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,n\*)d



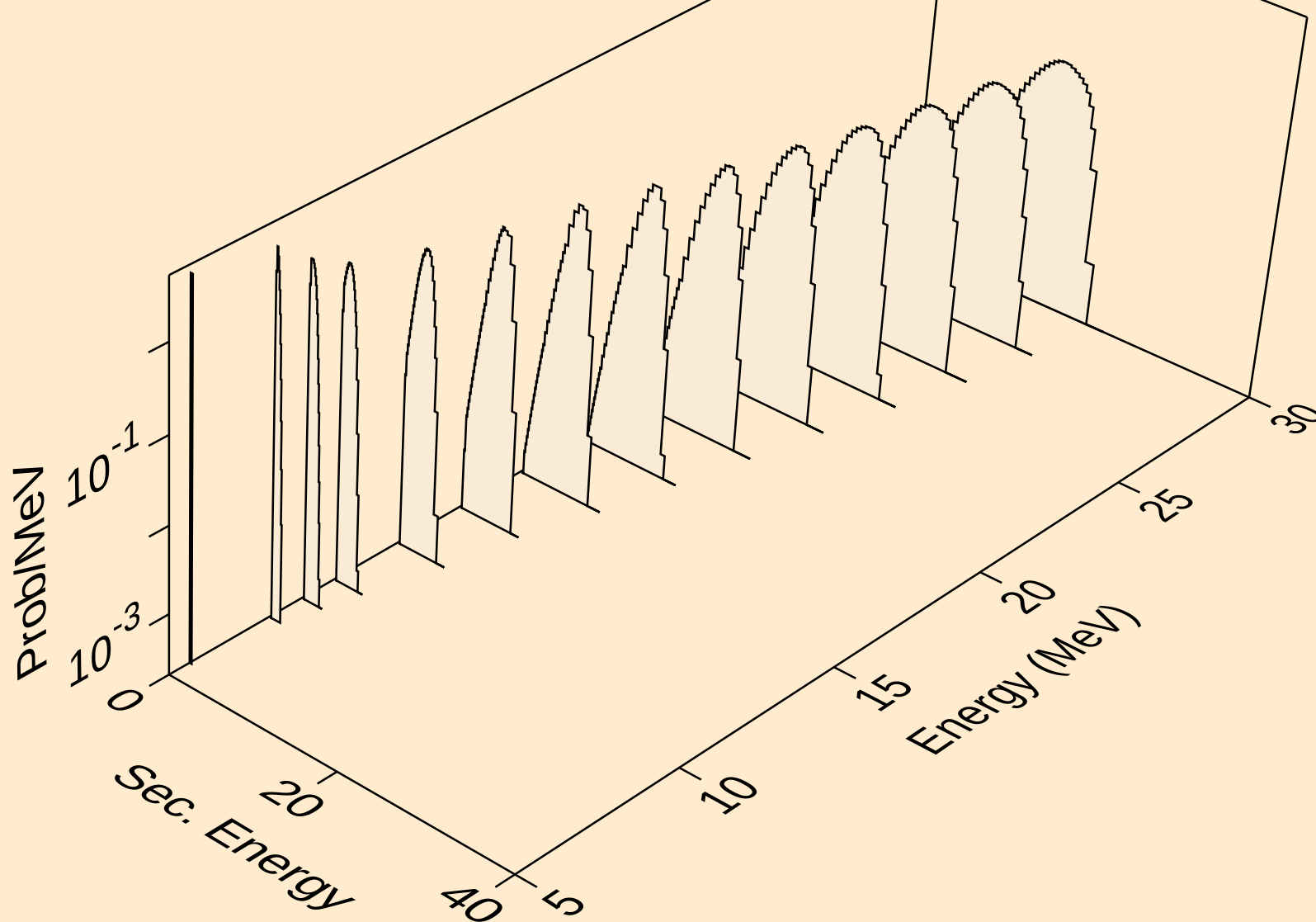
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deuterons from (s,d)



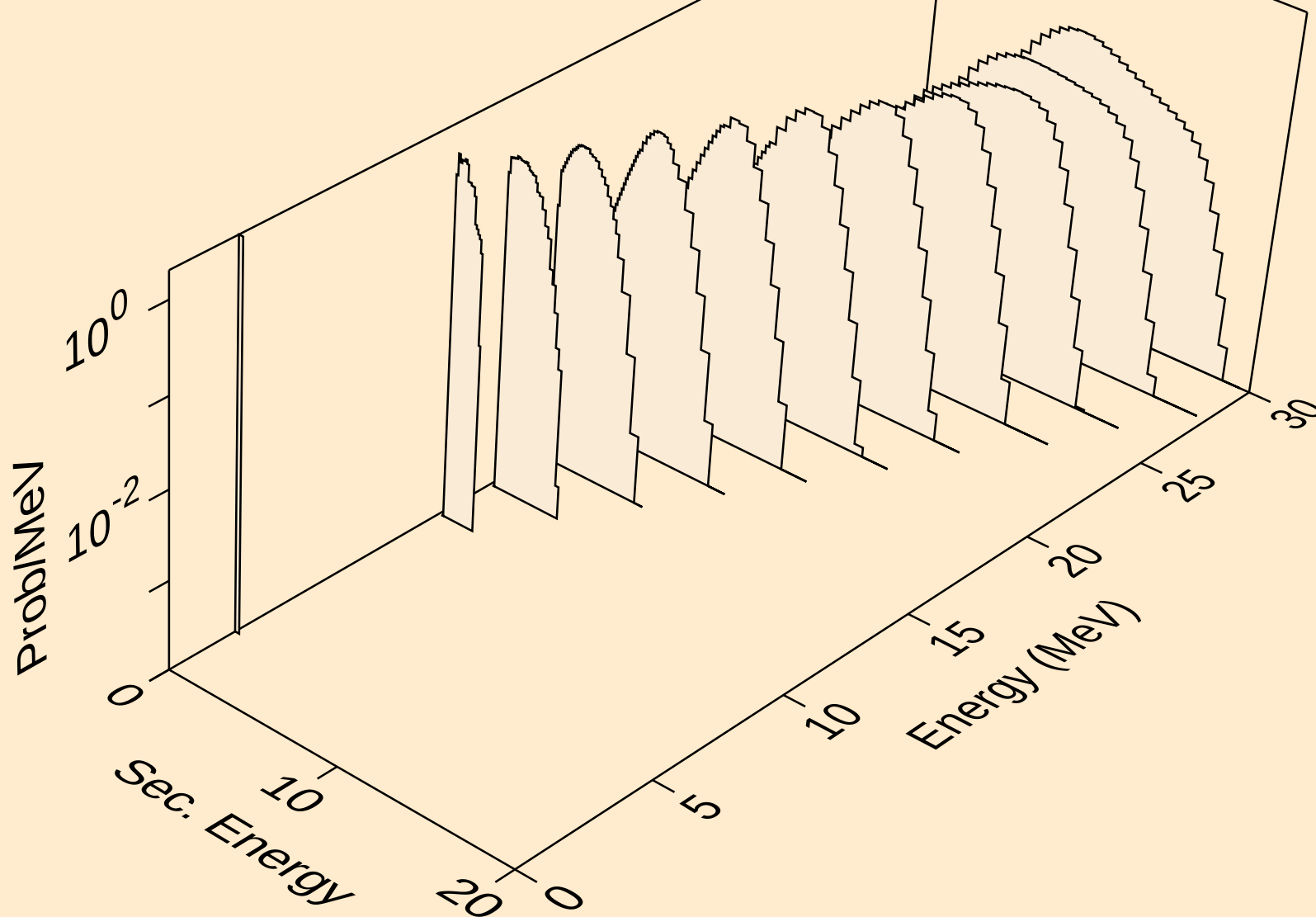
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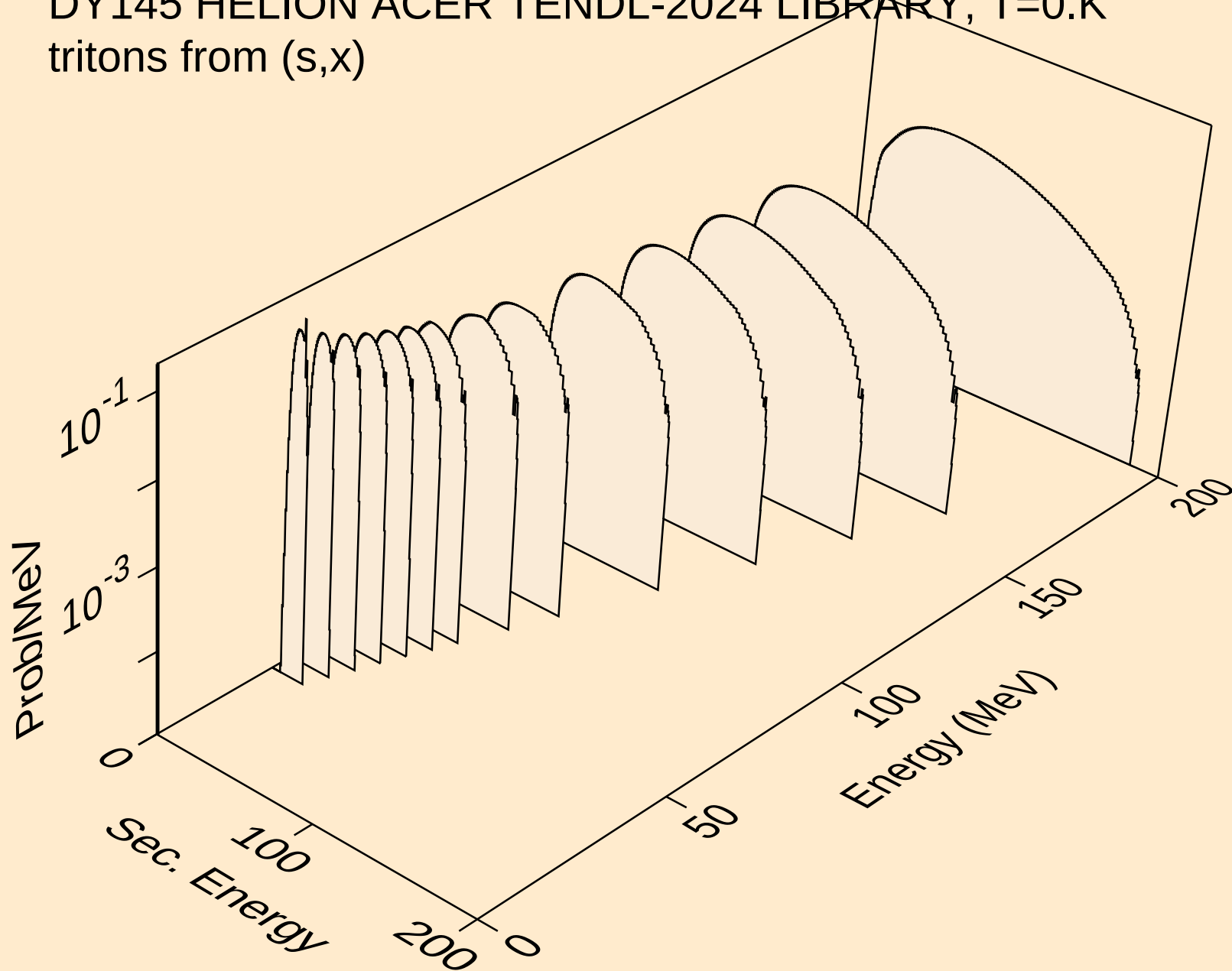
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deuterons from (s,pd)



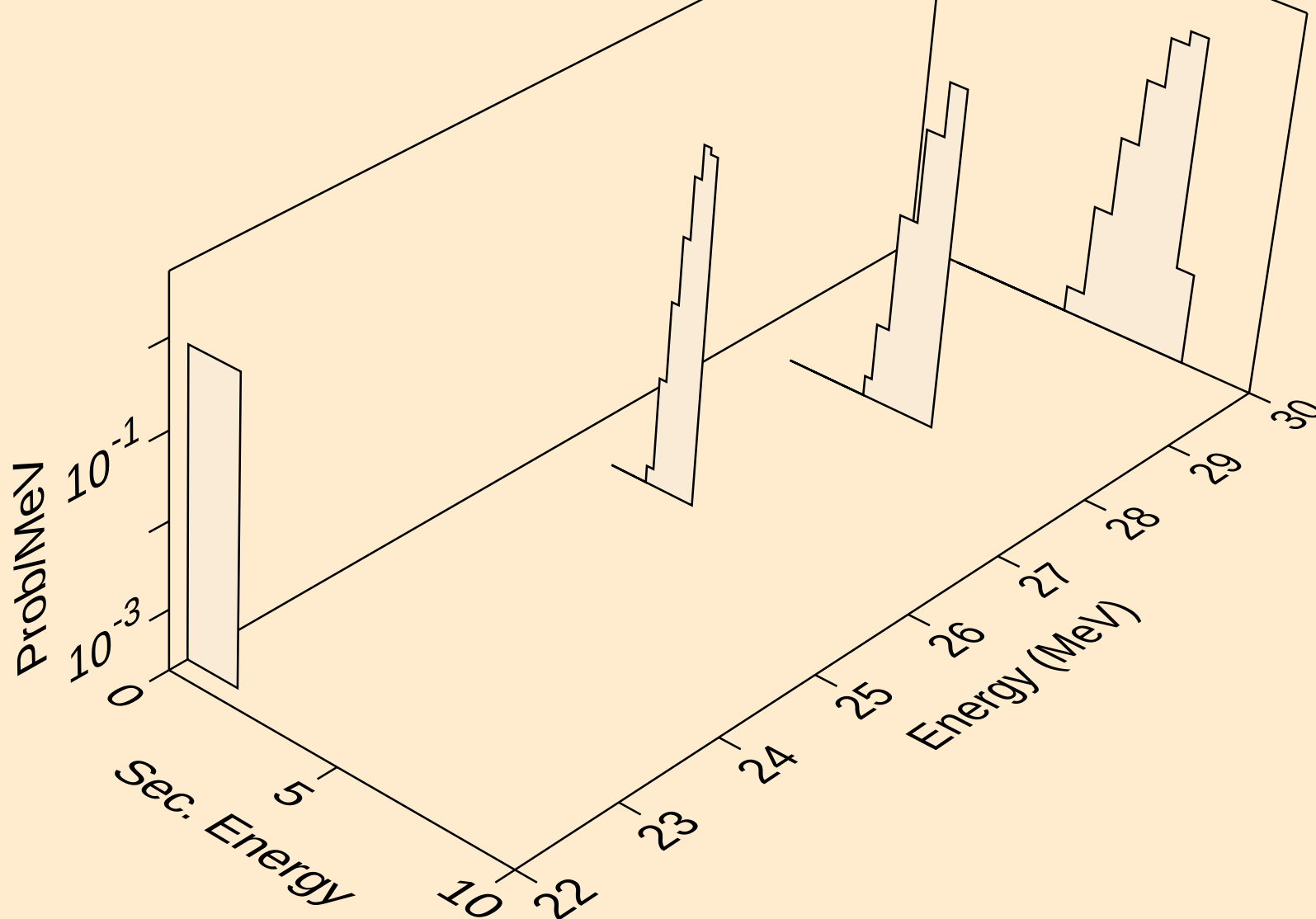
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deuterons from (s,da)



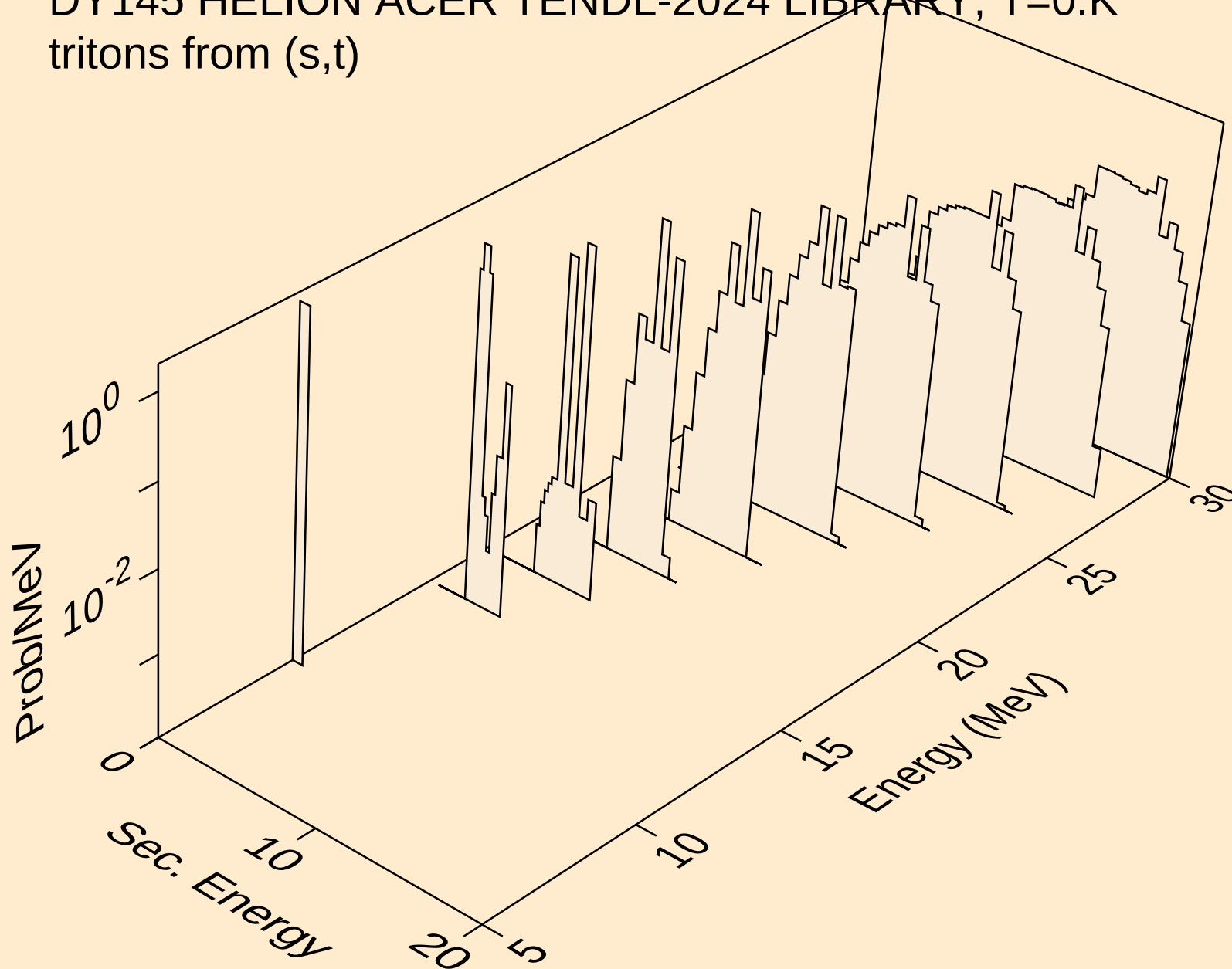
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tritons from (s,x)



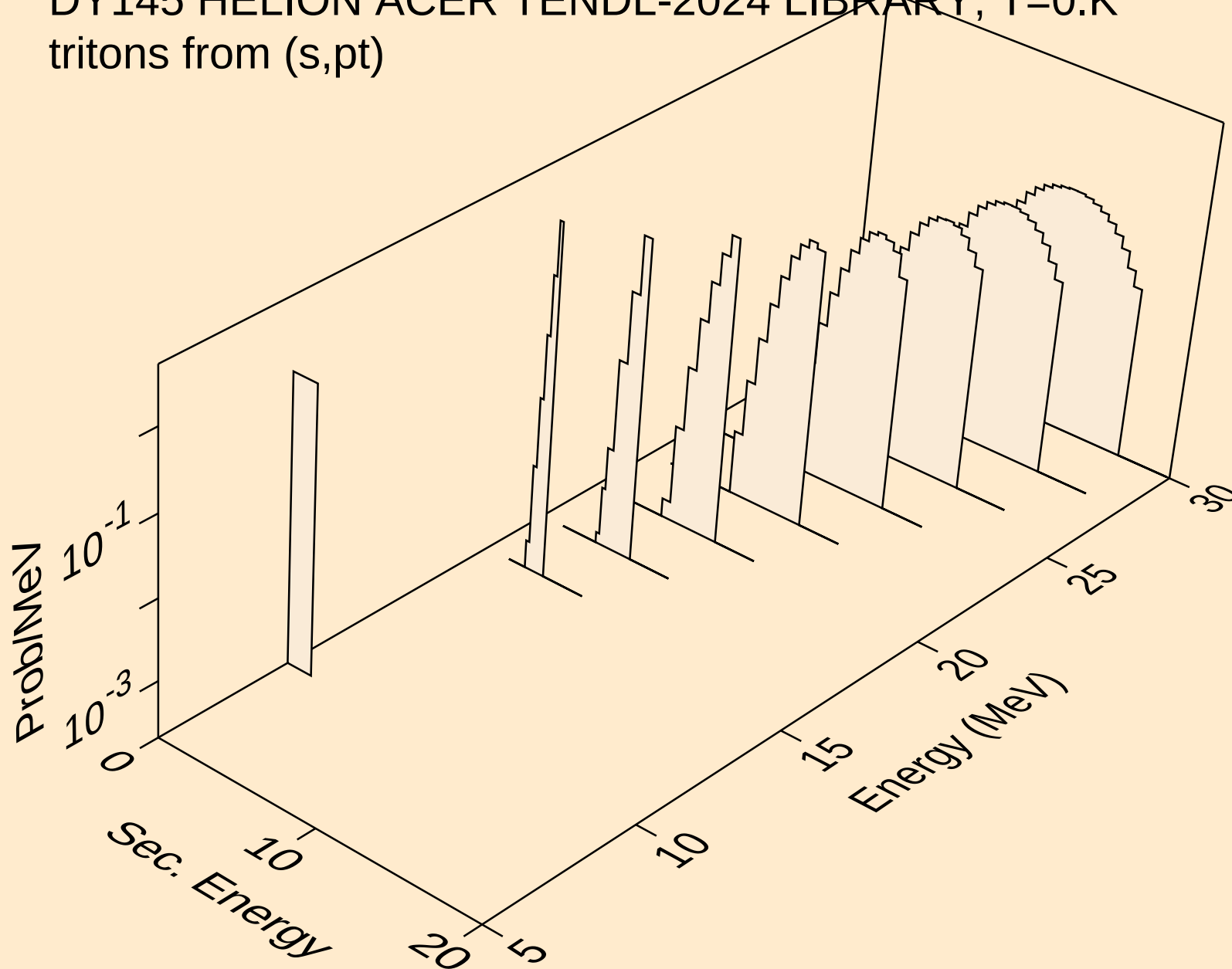
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tritons from (s,n\*)t



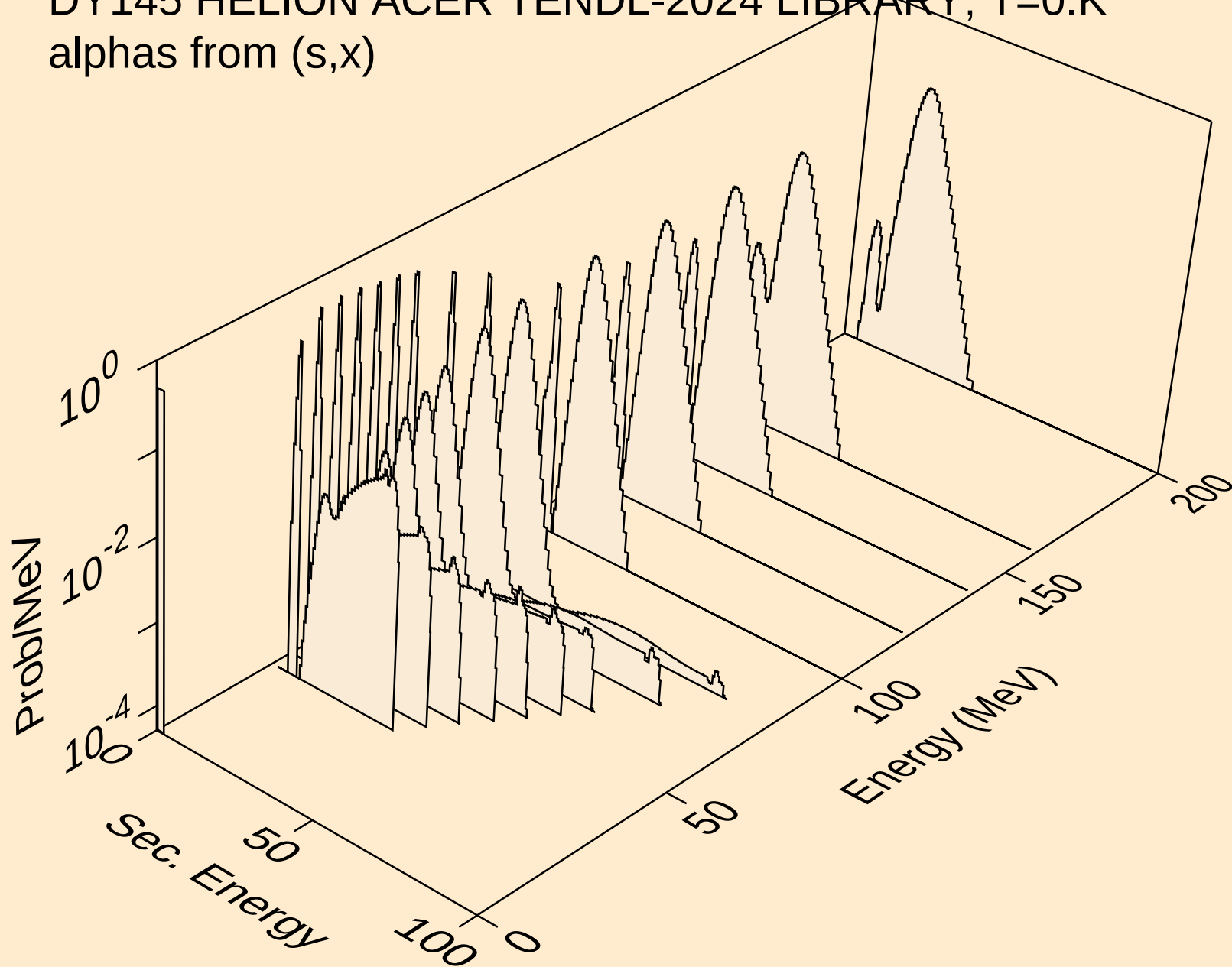
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tritons from (s,t)



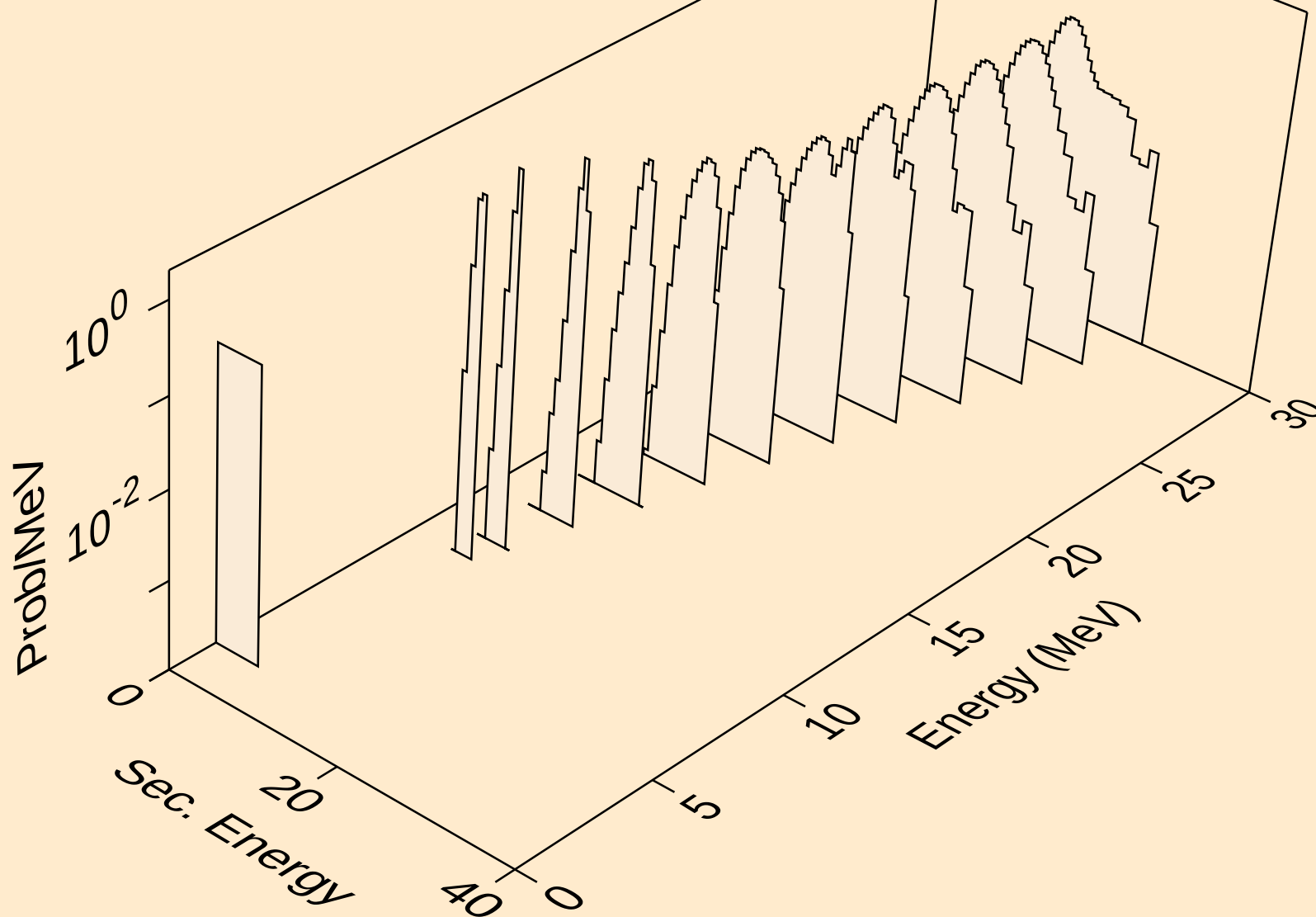
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tritons from (s,pt)



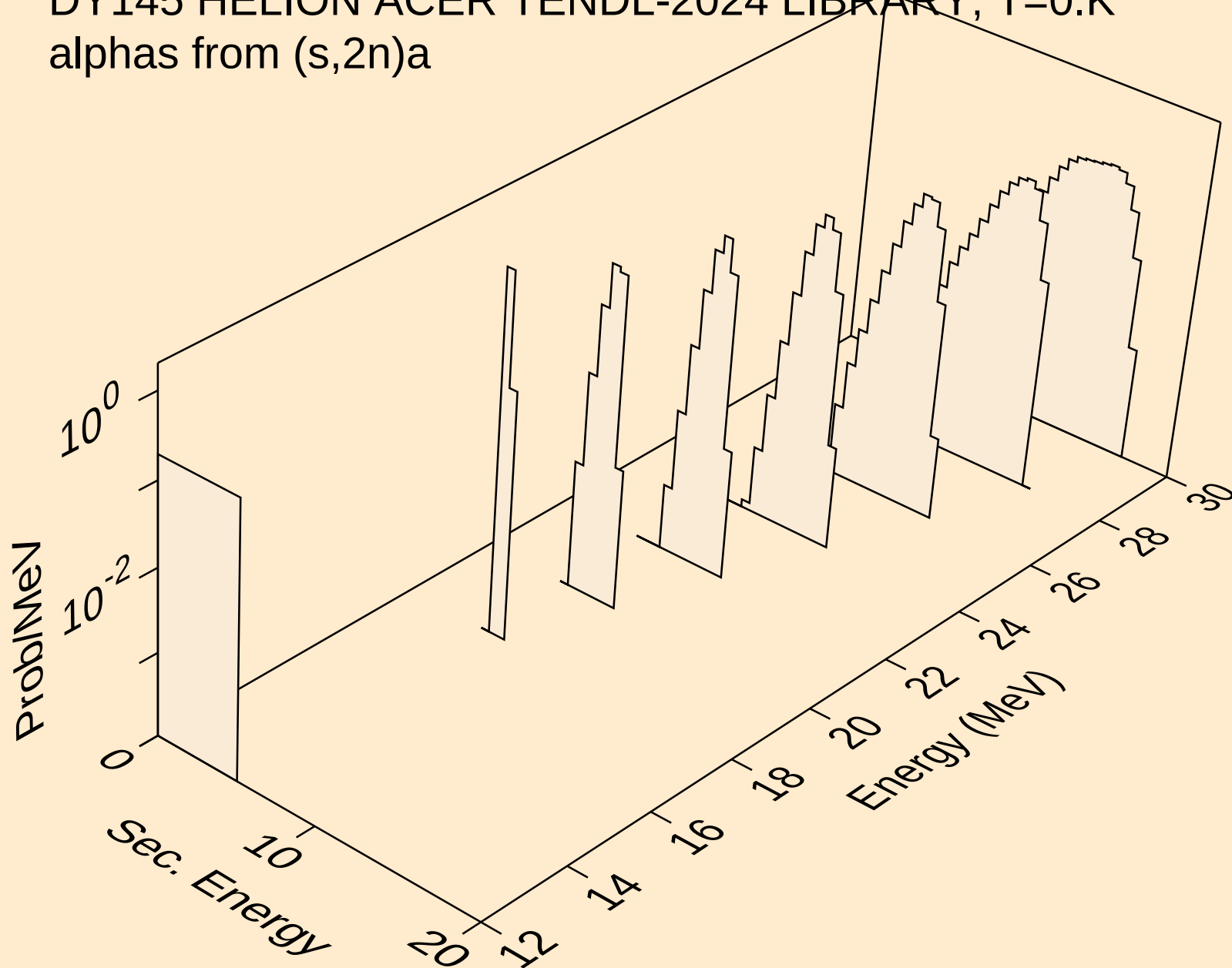
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



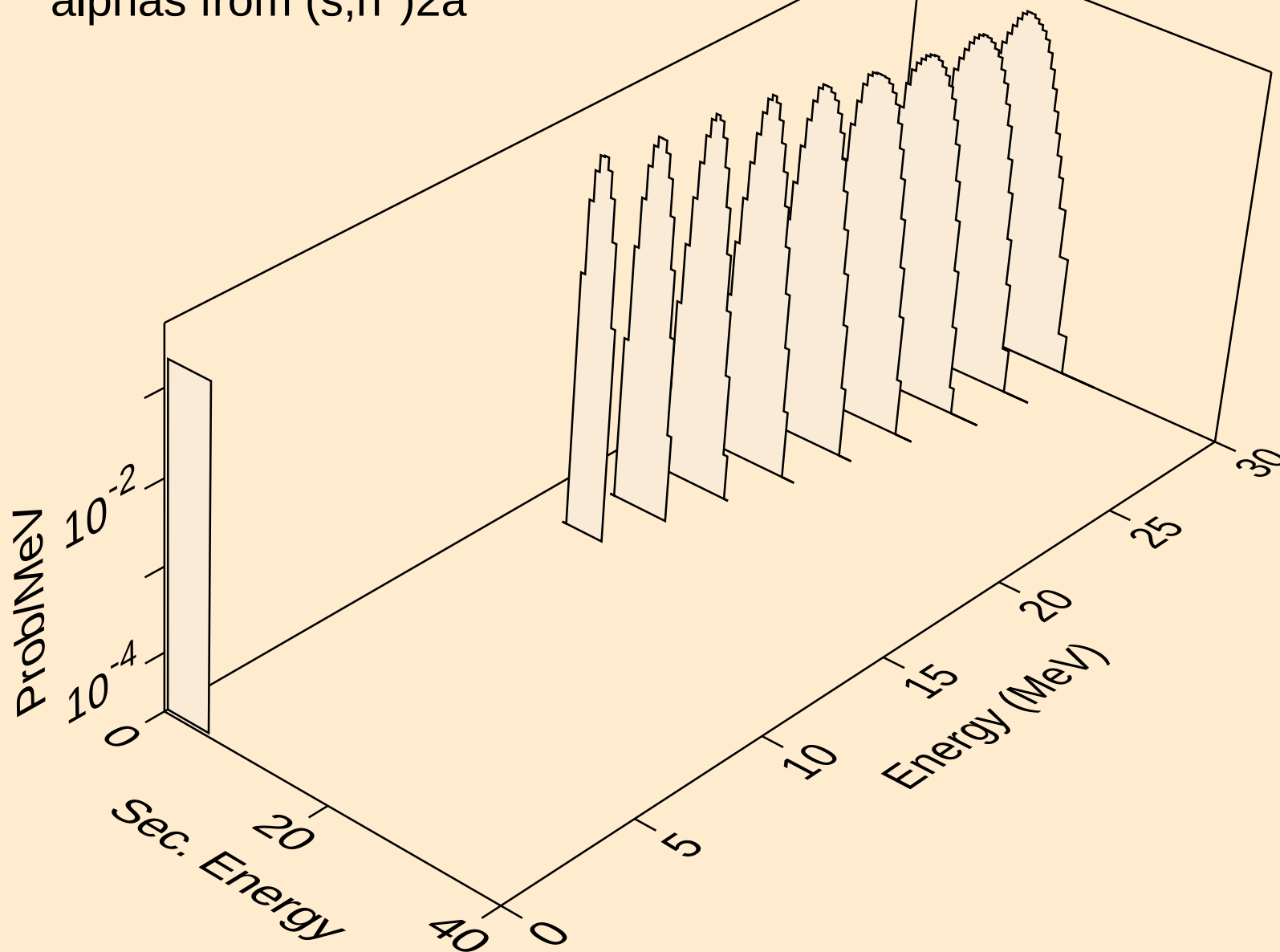
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



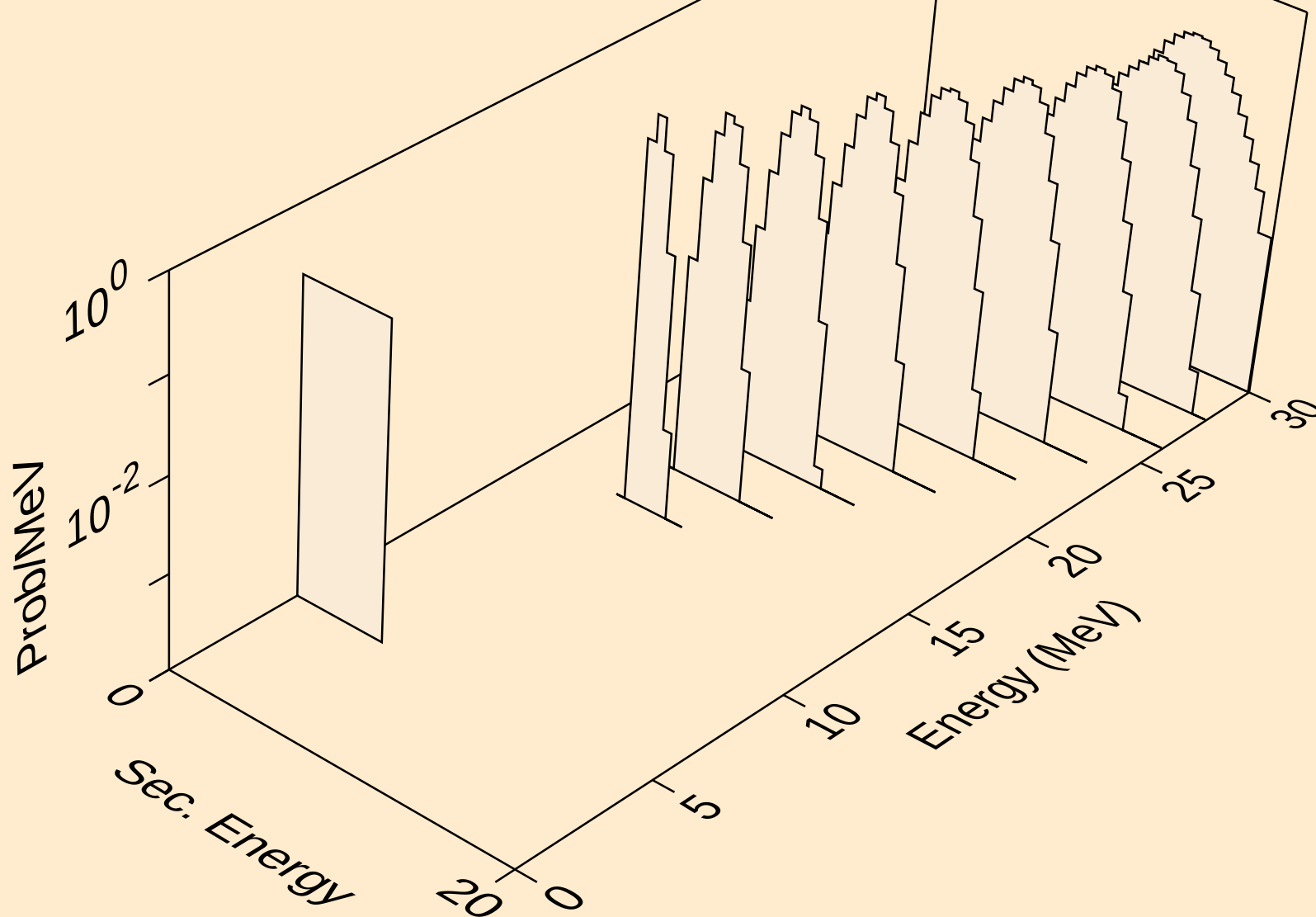
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



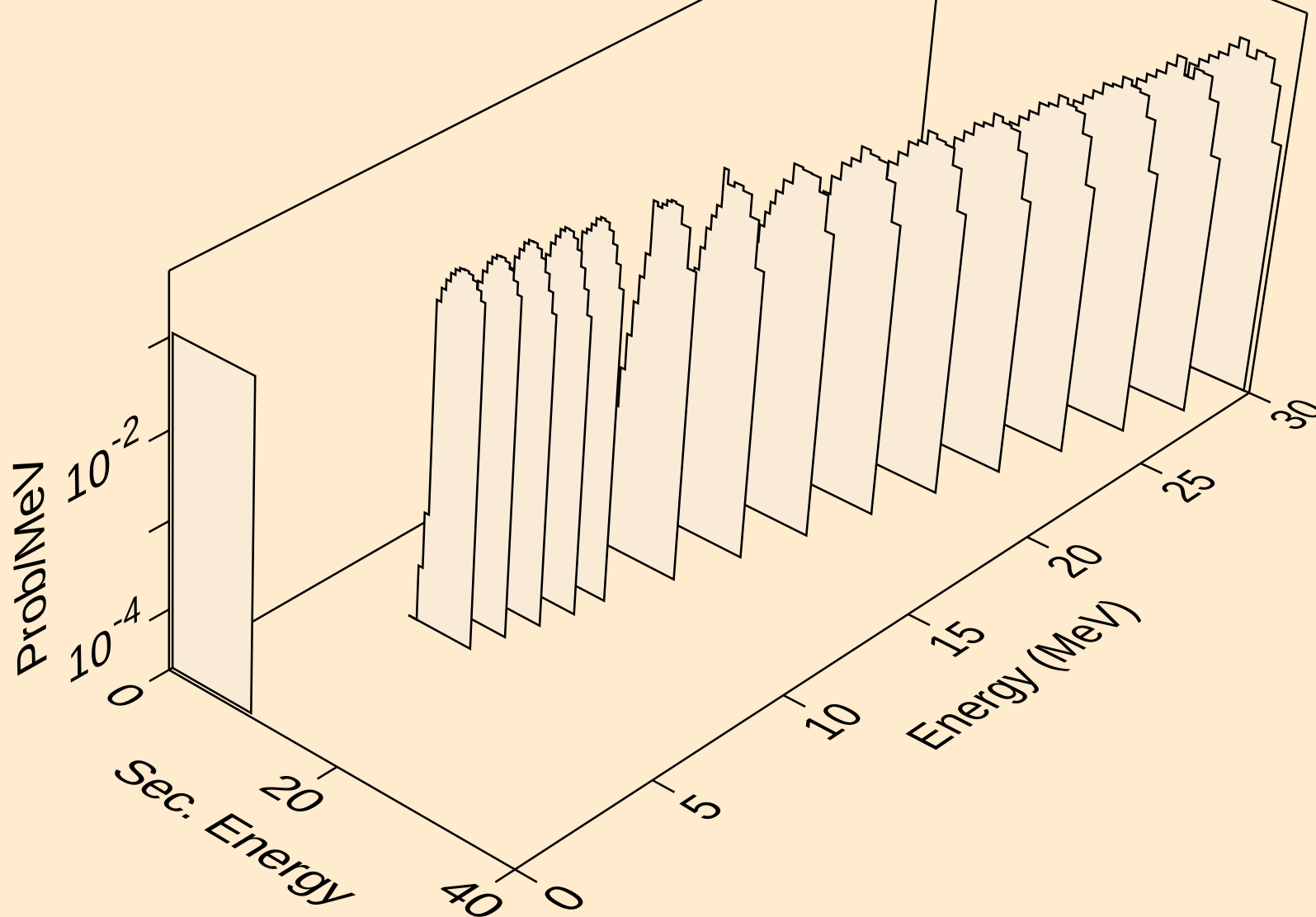
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alphas from (s,n\*)2a



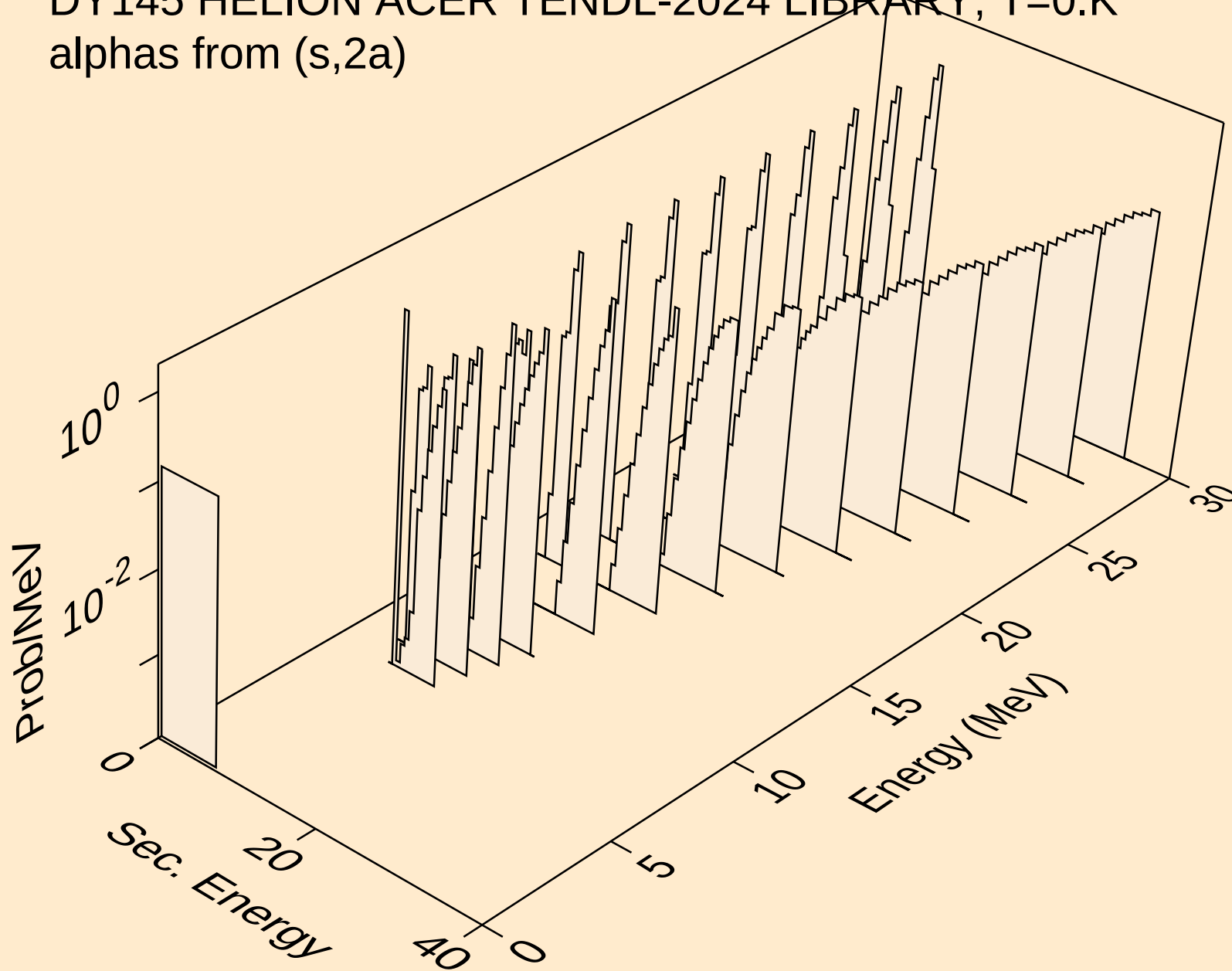
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alphas from (s,npa)



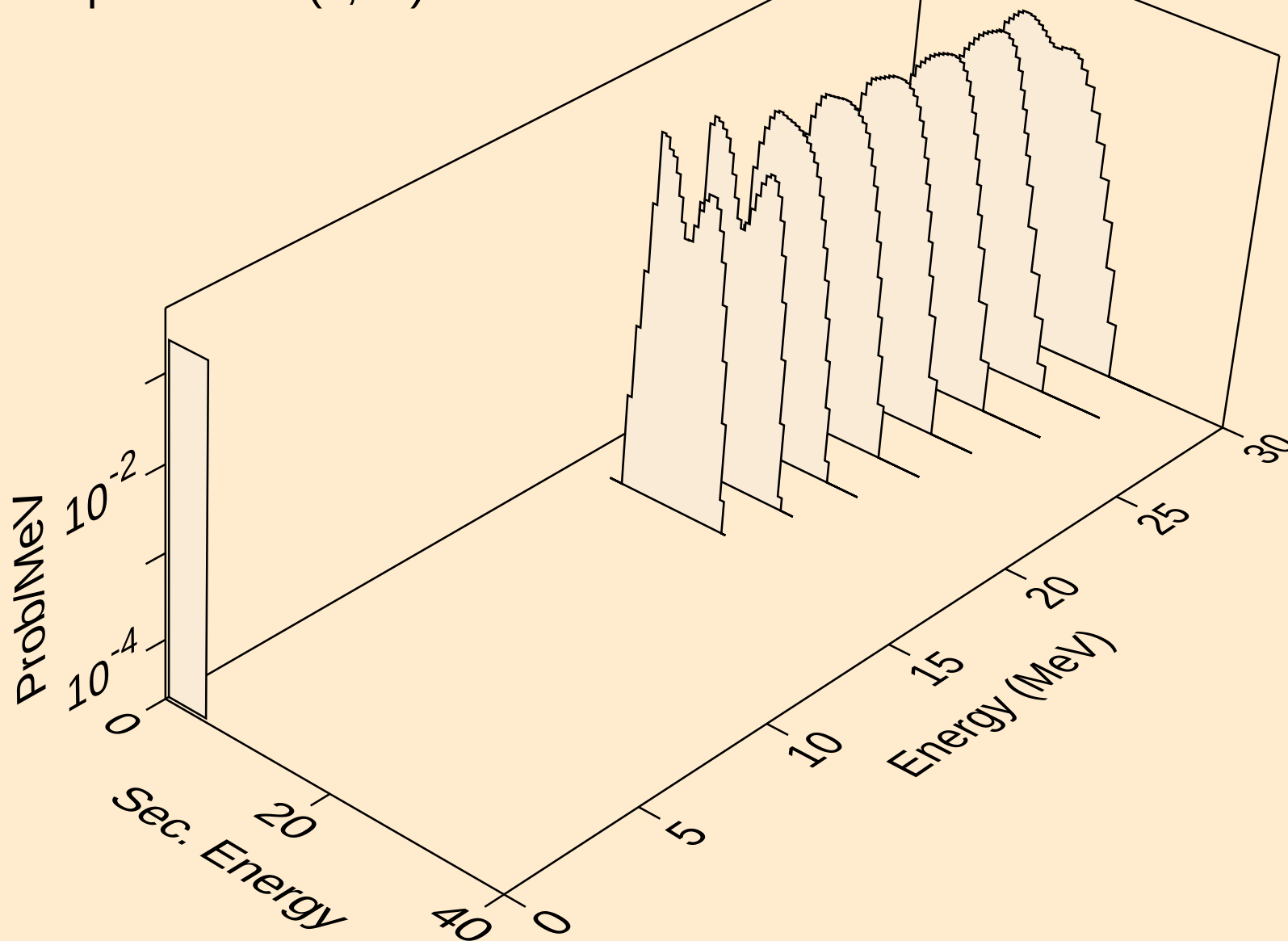
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alphas from (s,a)



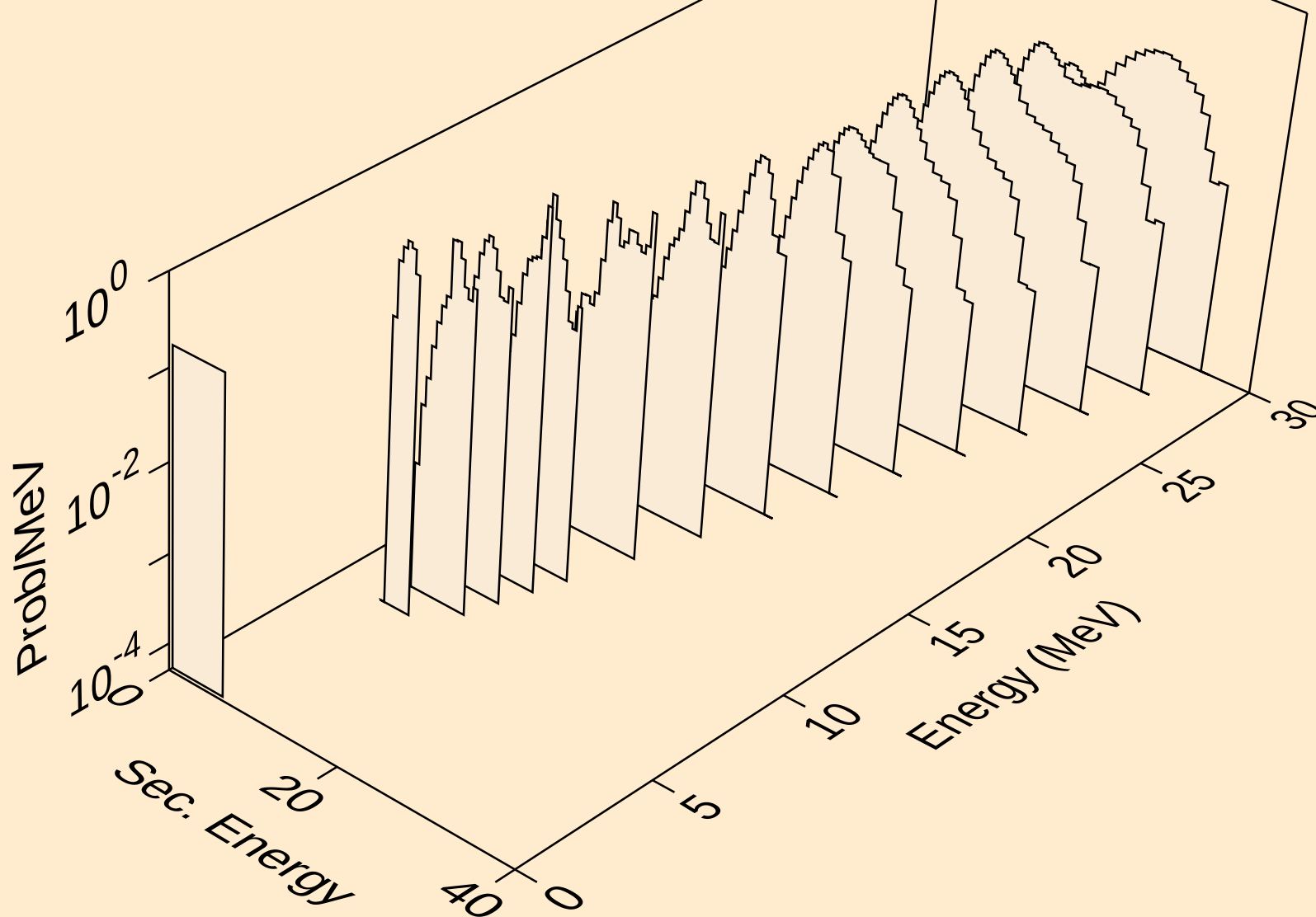
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alphas from (s,2a)



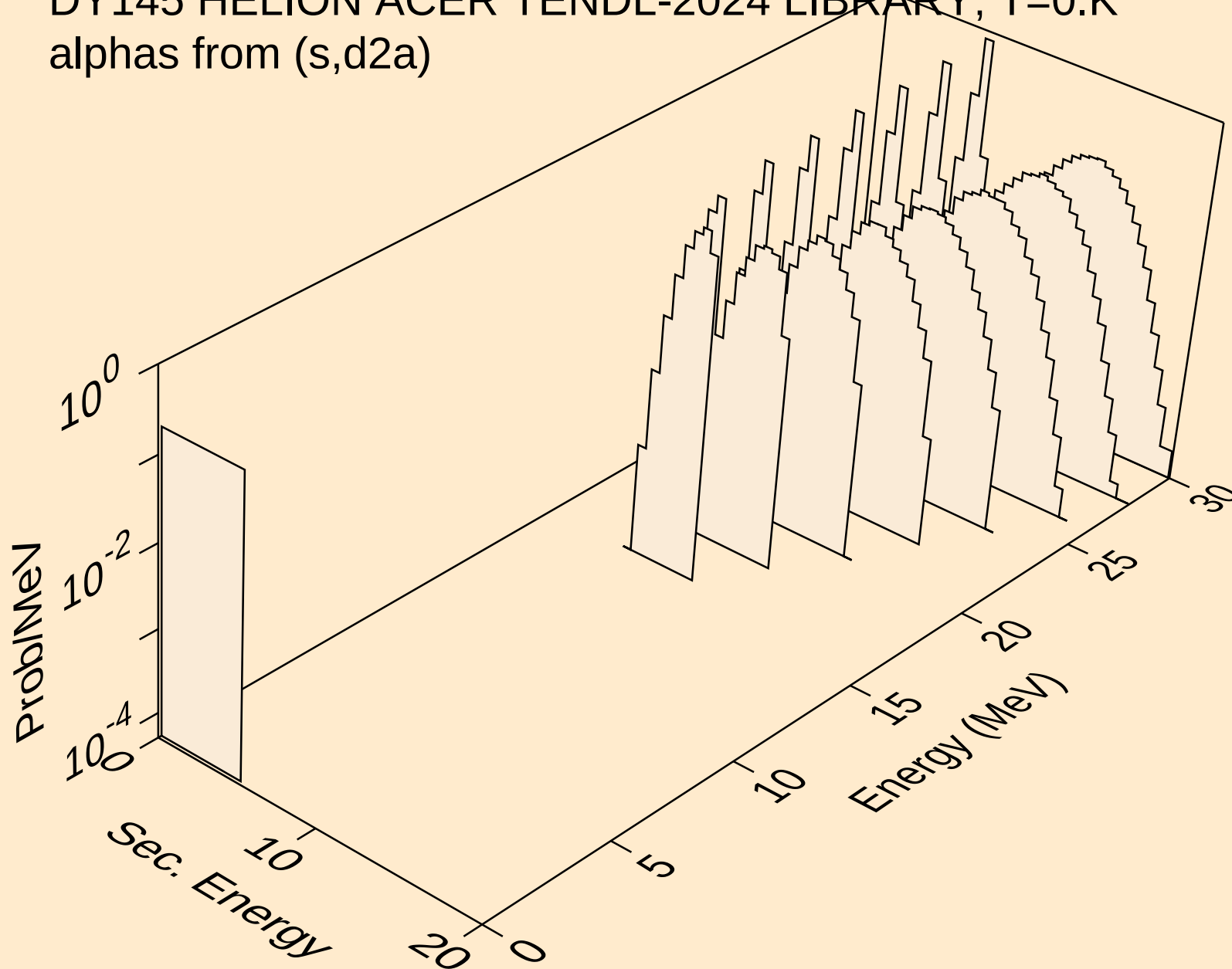
DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



DY145 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

