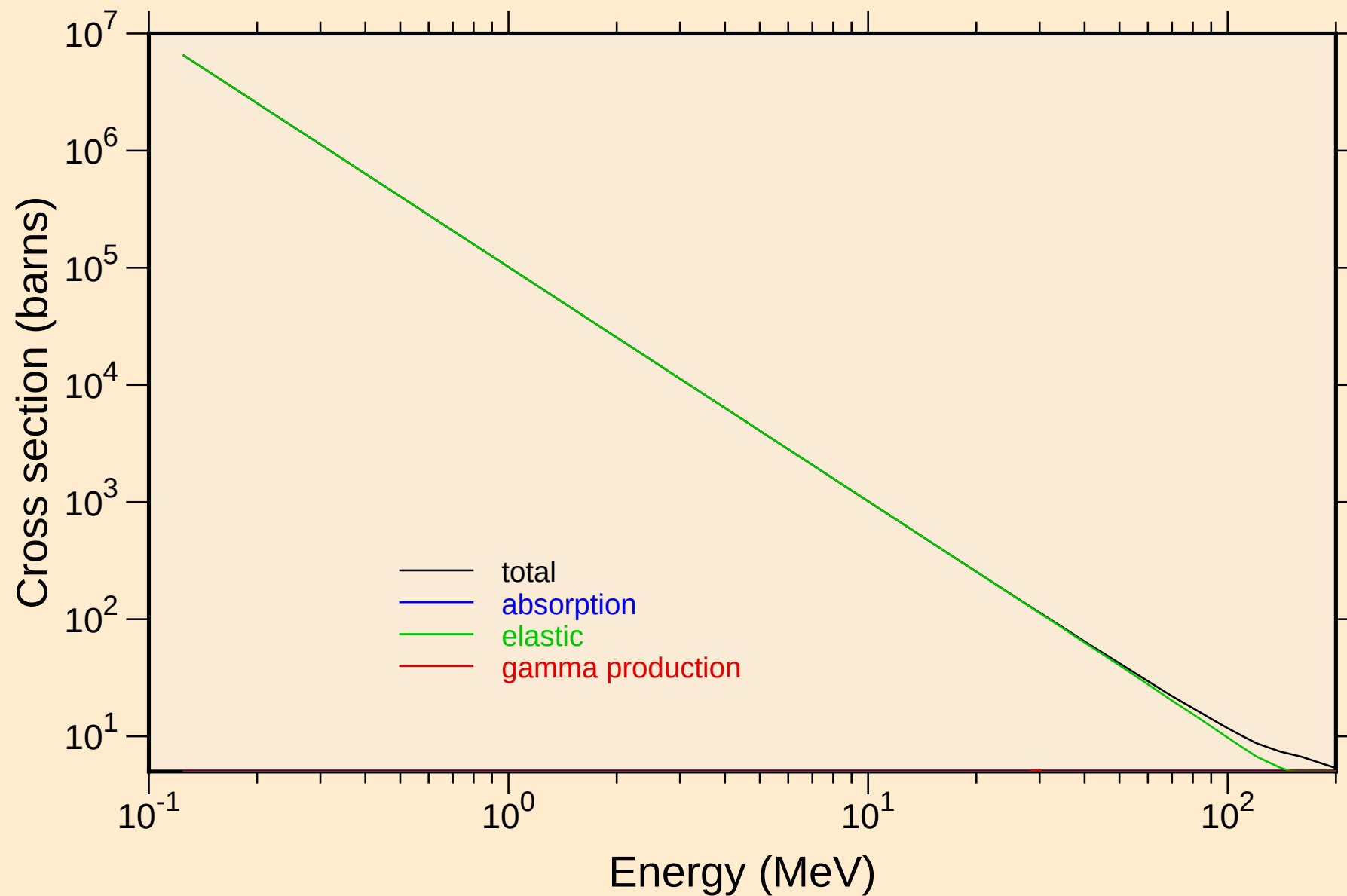


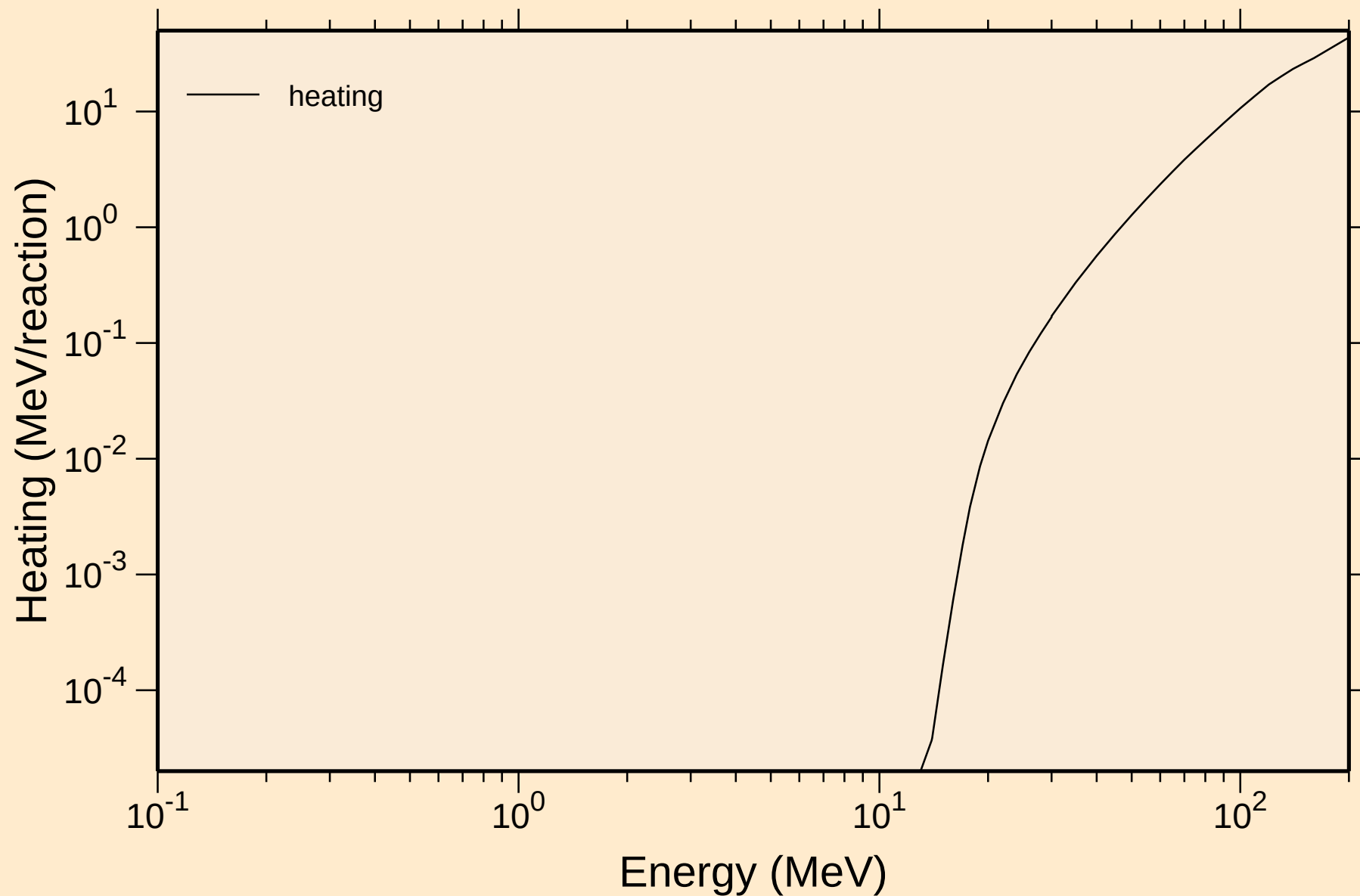
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



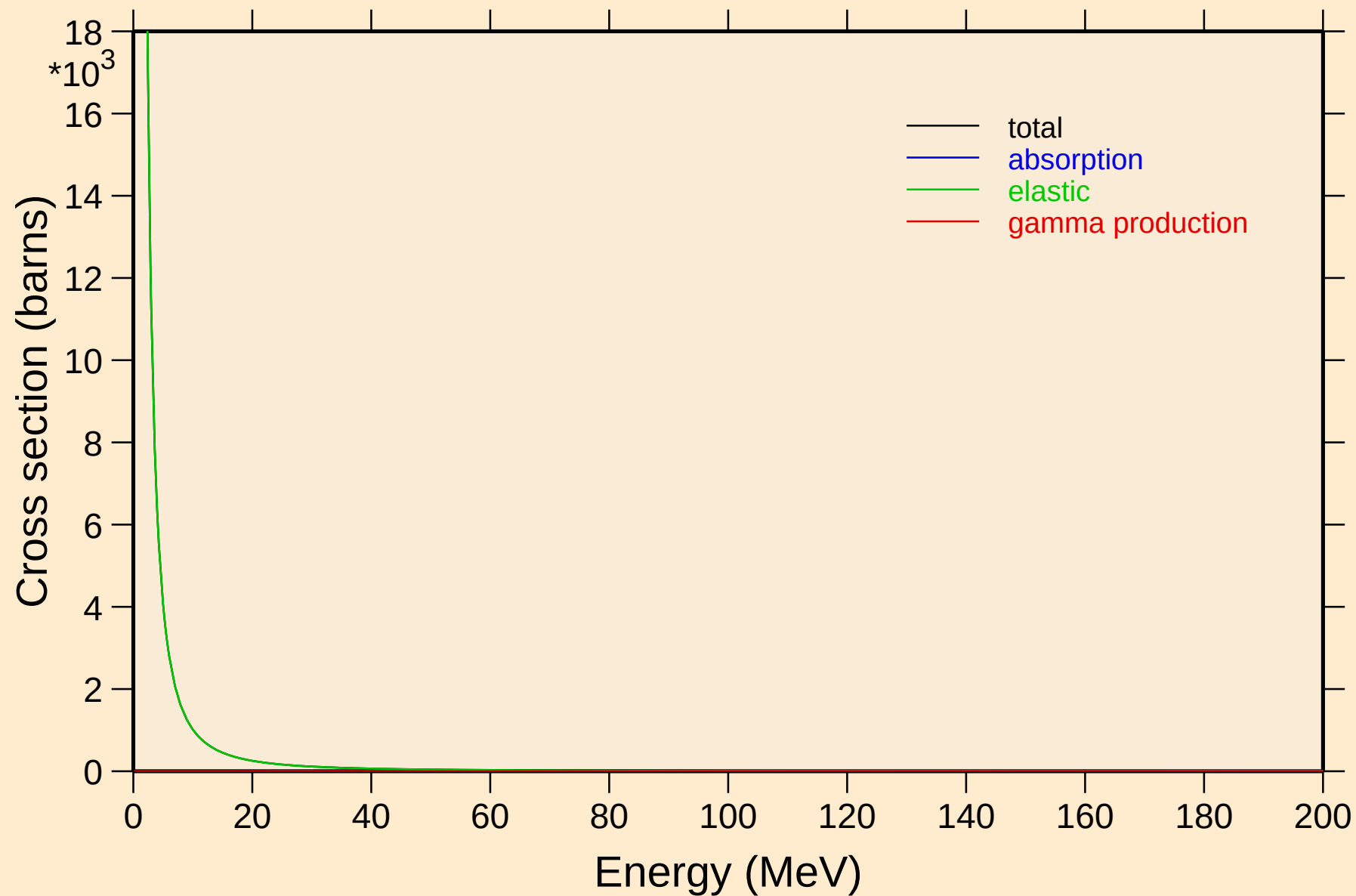
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



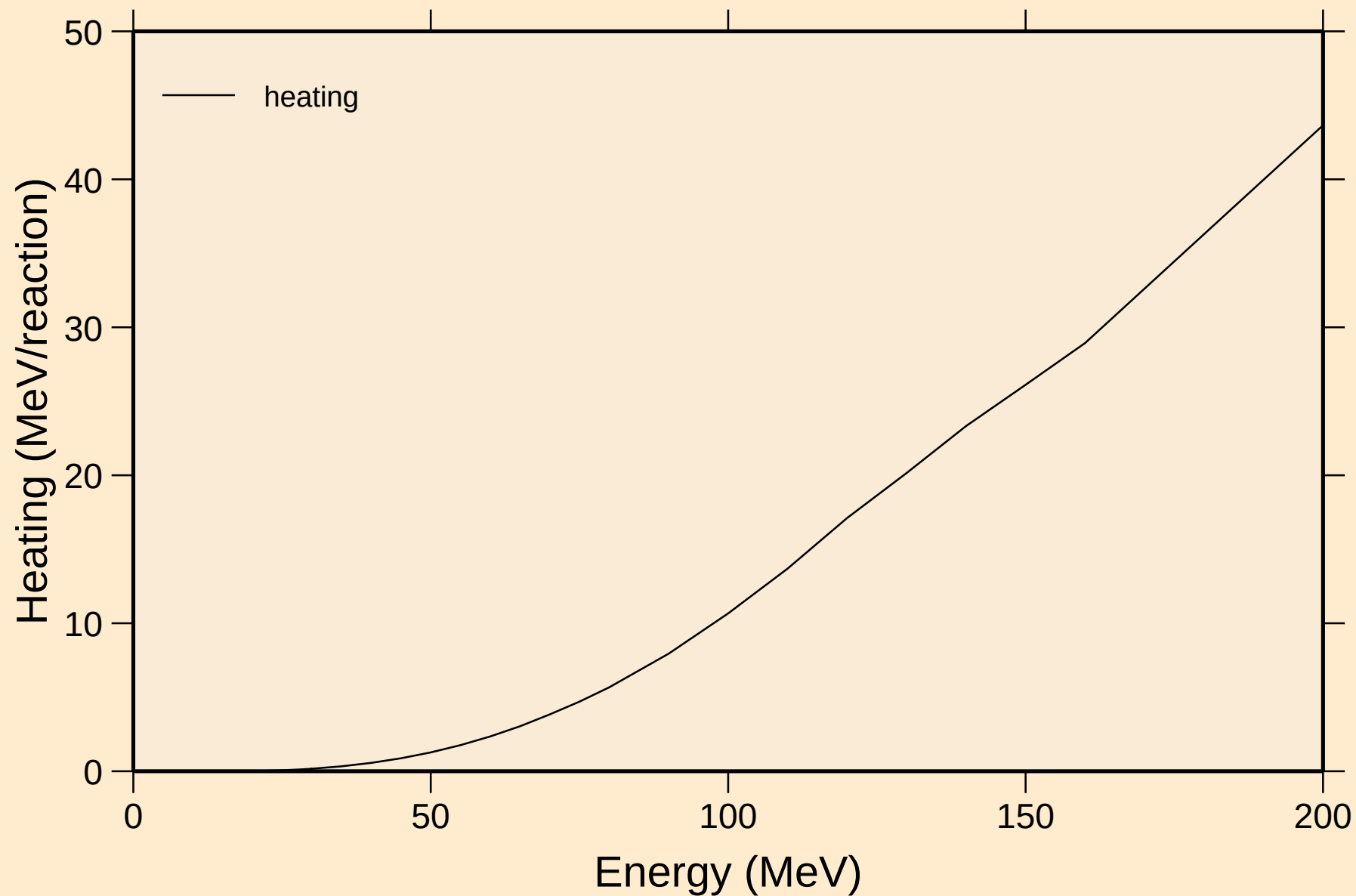
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



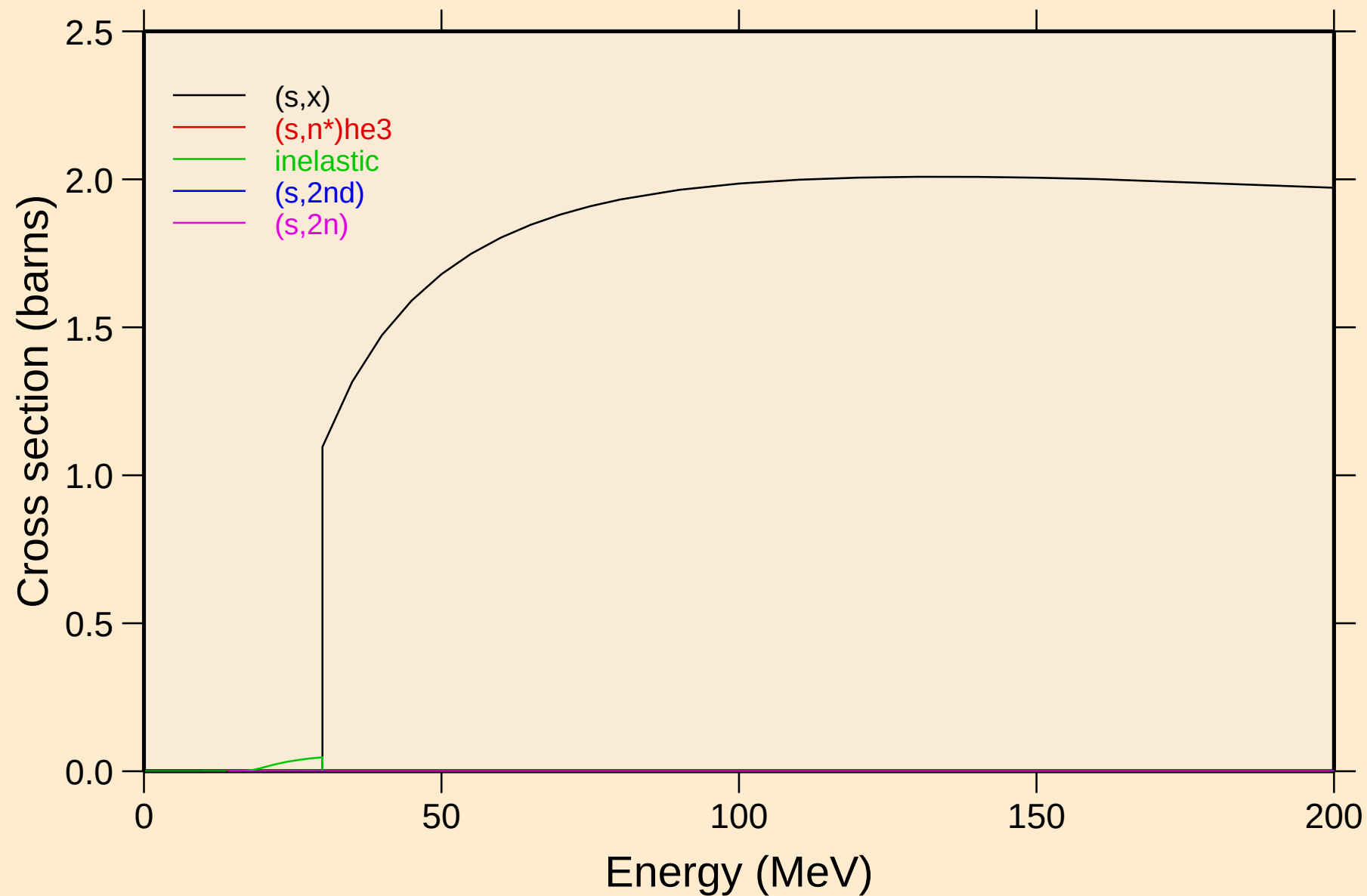
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



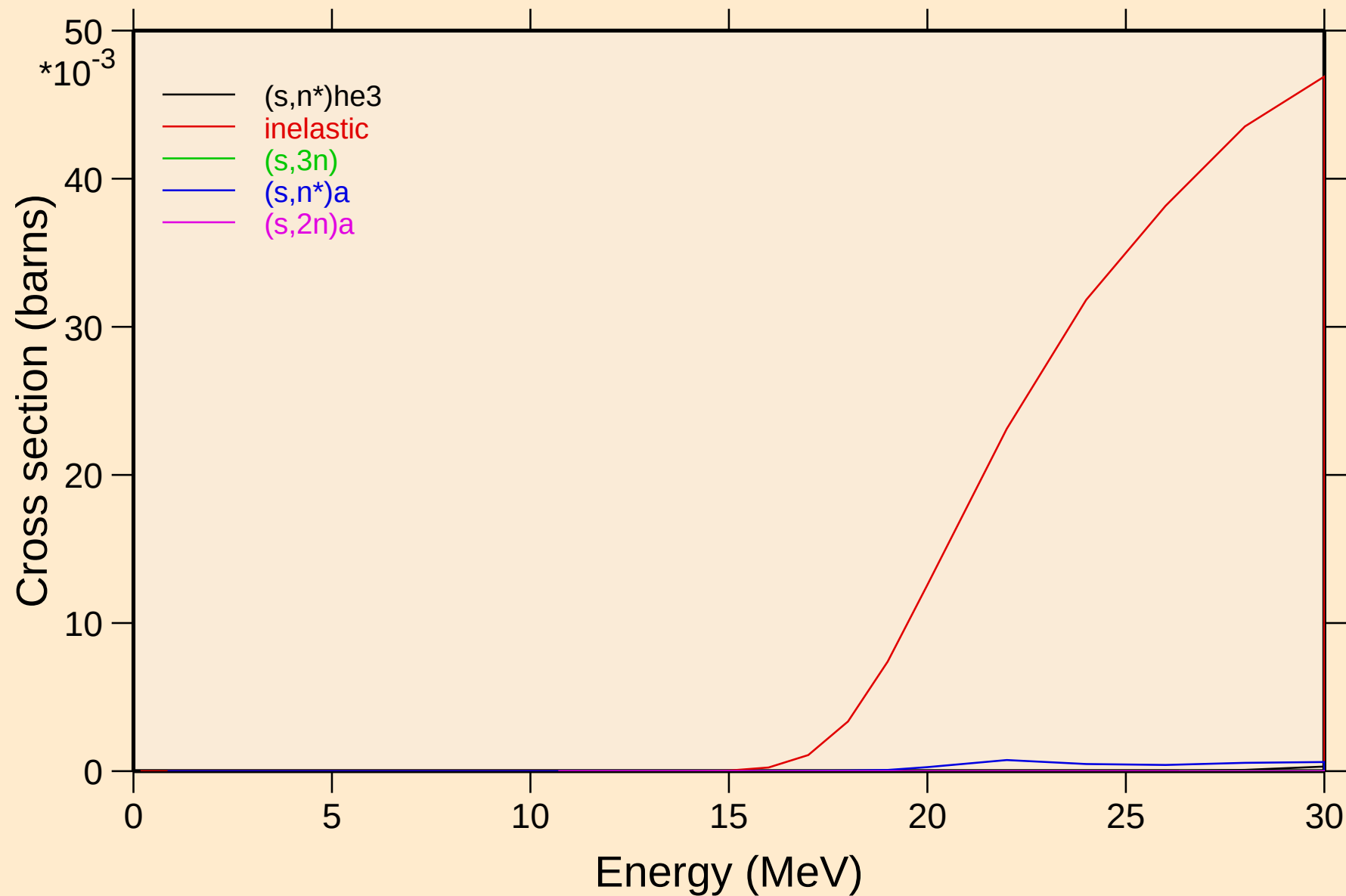
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



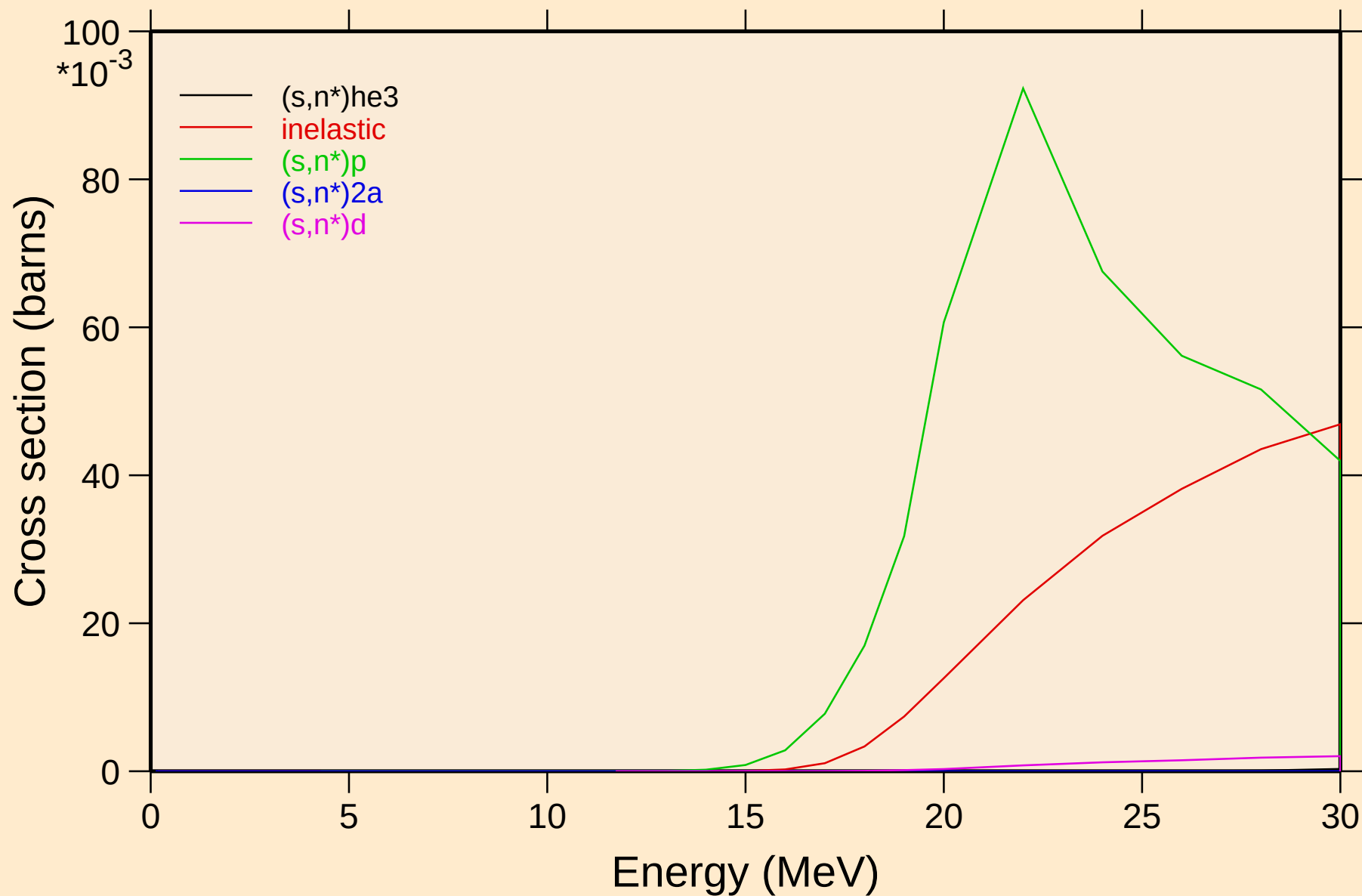
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



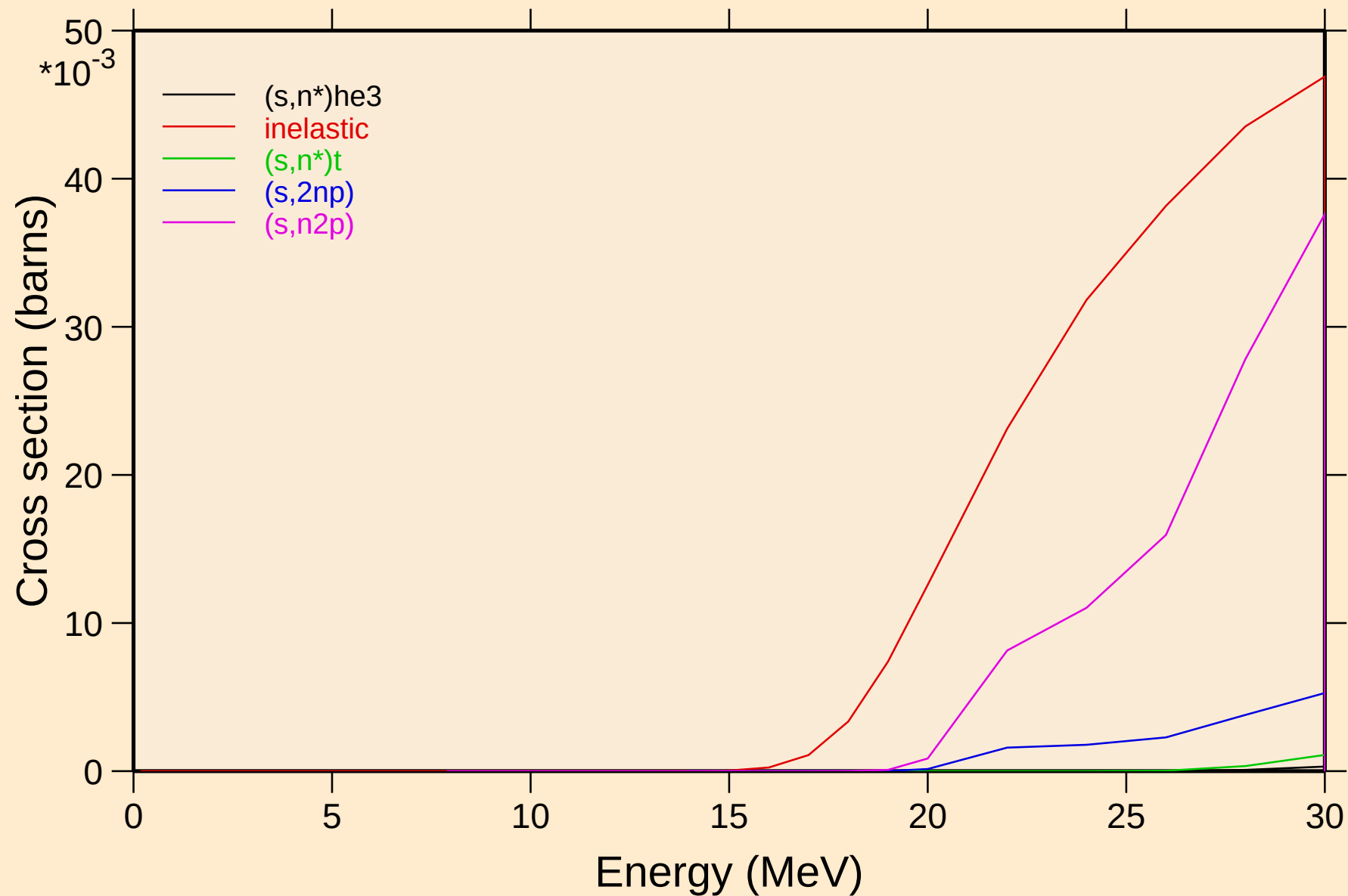
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

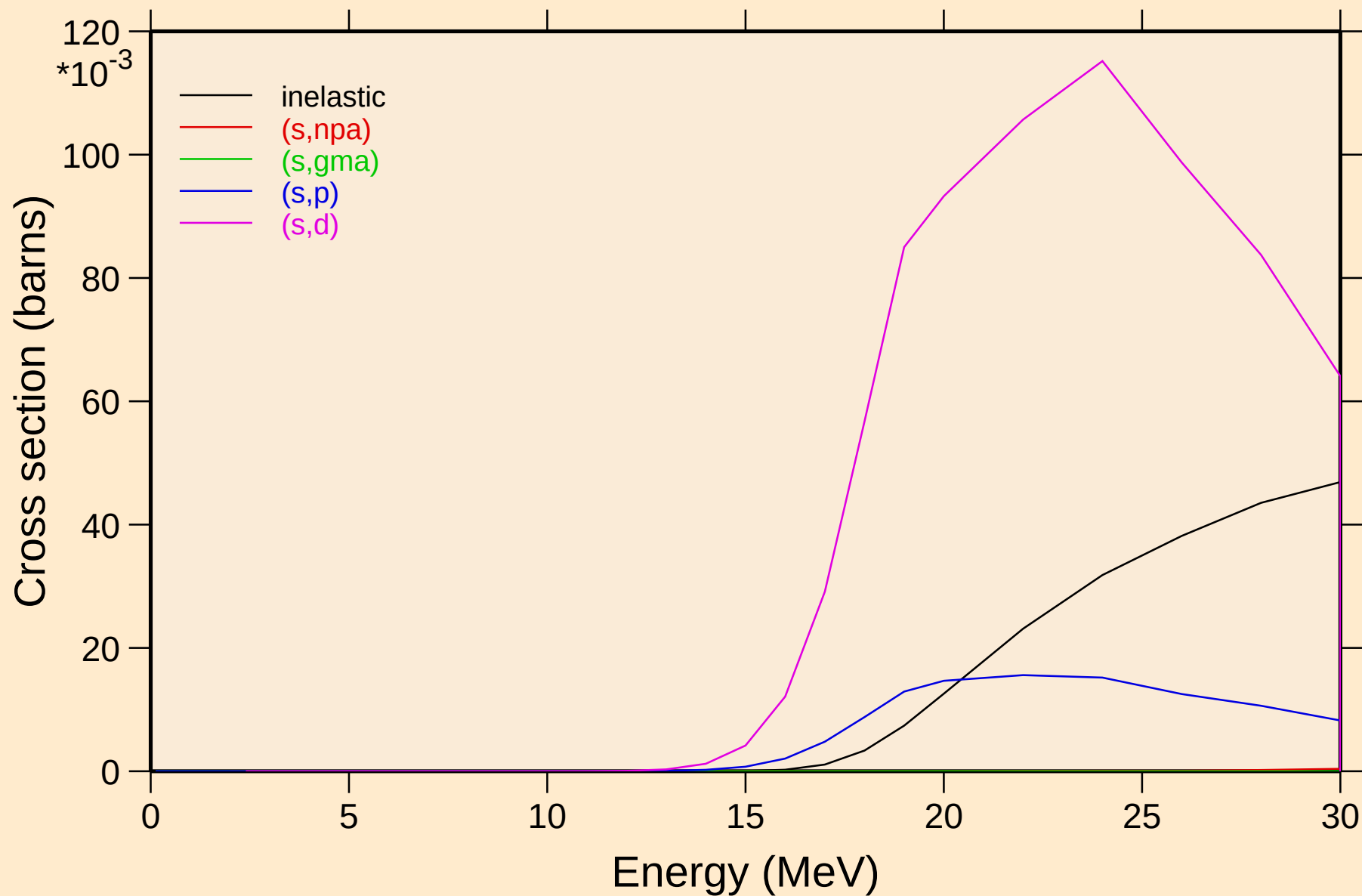
## Threshold reactions





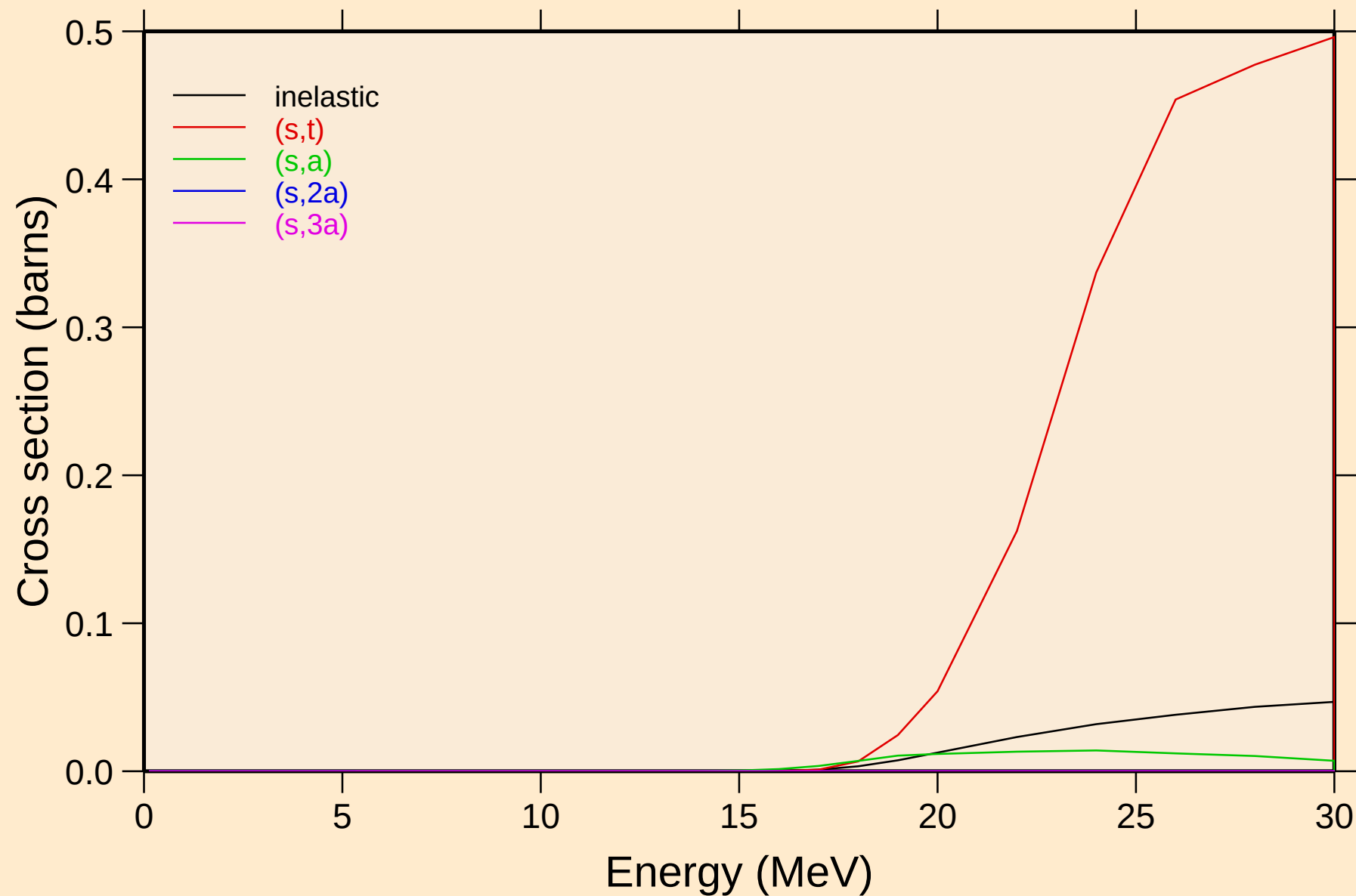
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



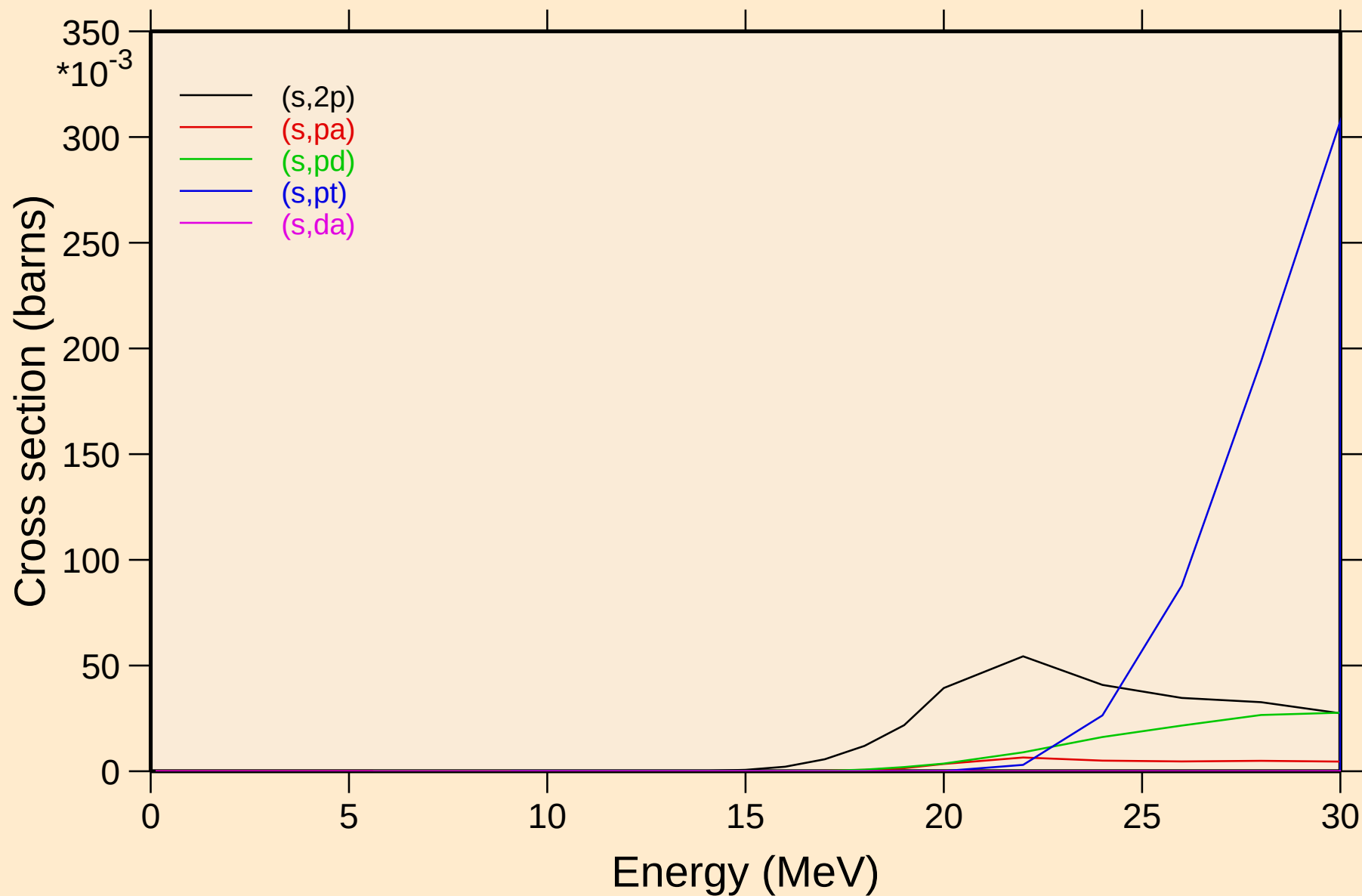
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

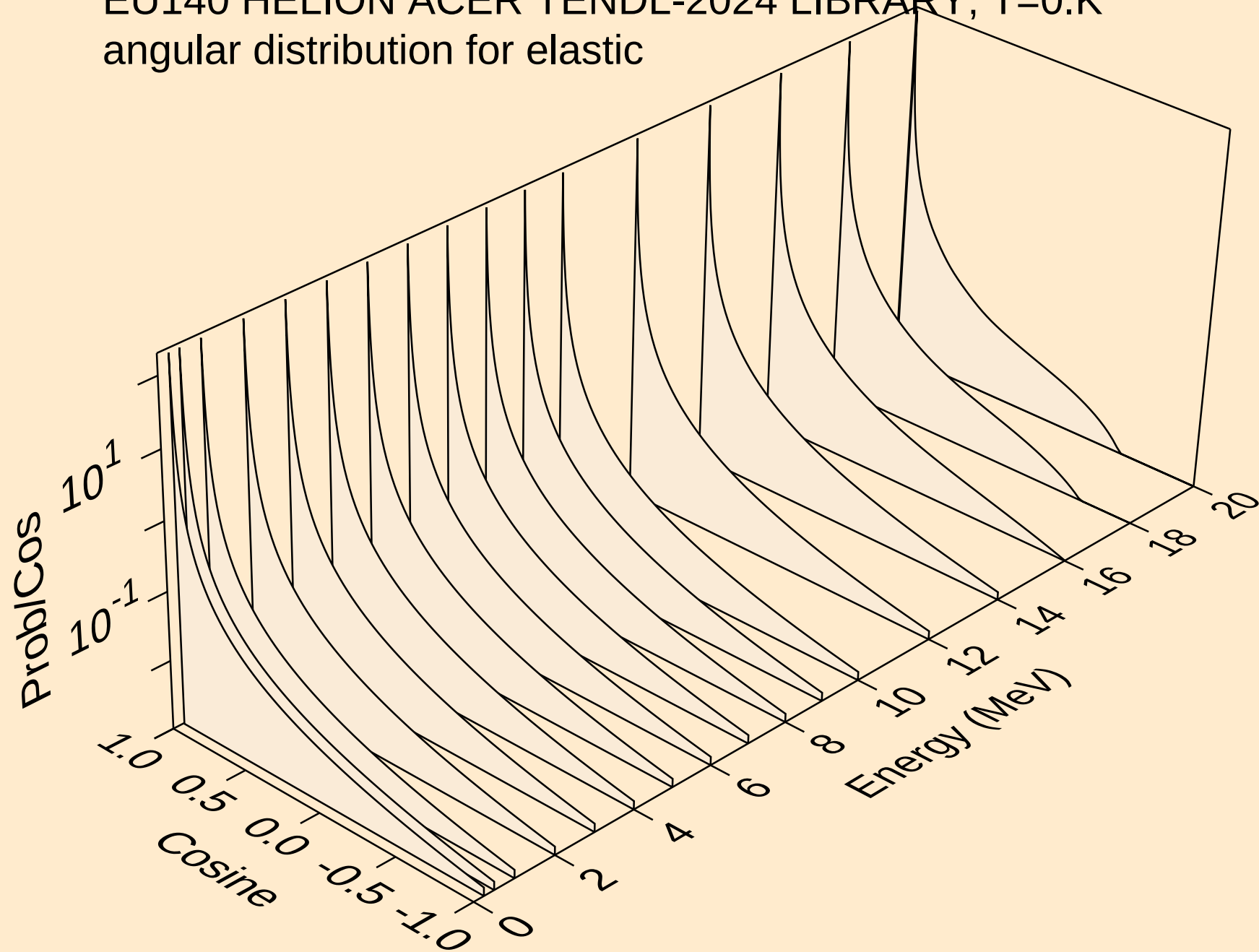


# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

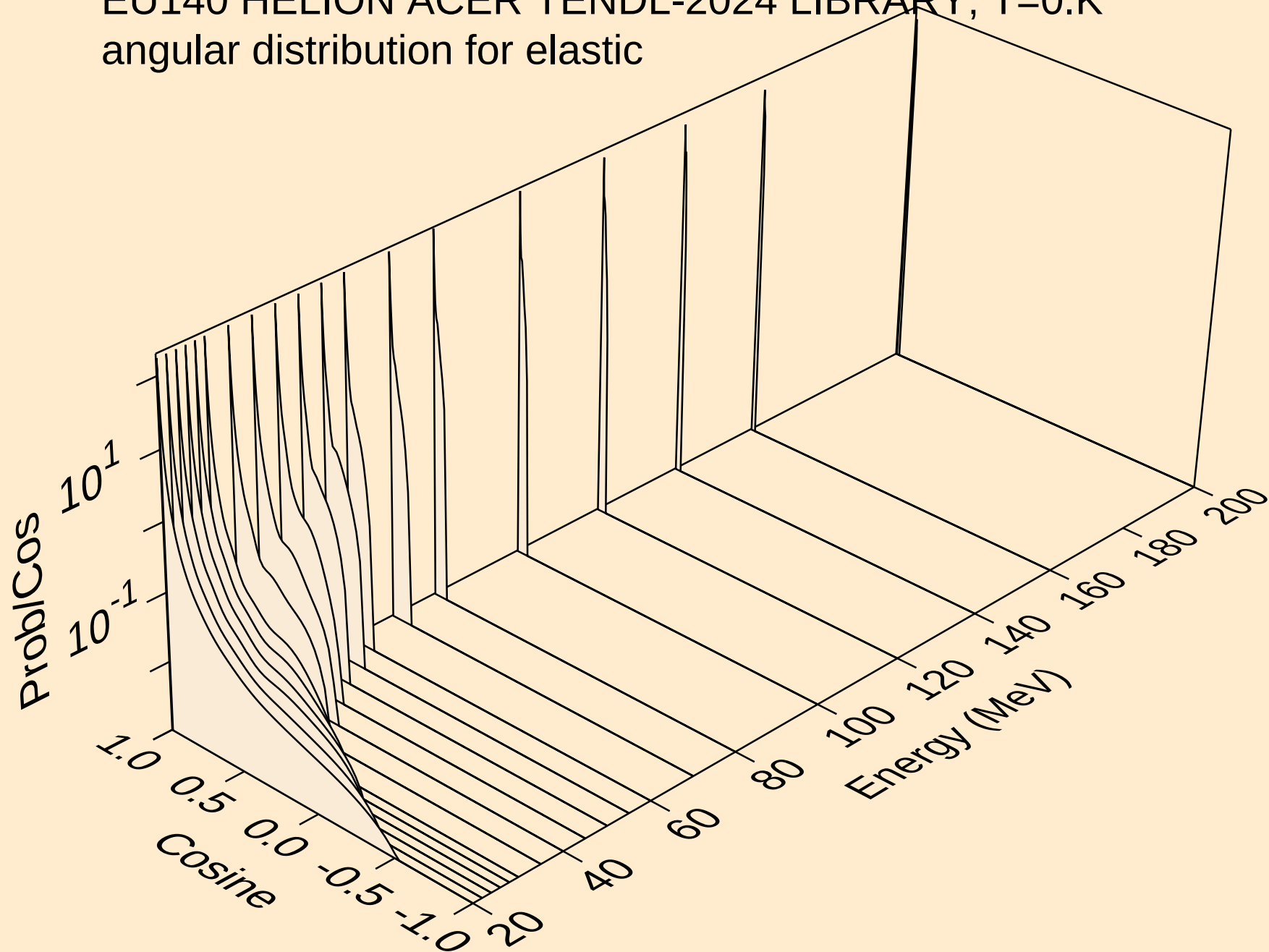
## Threshold reactions



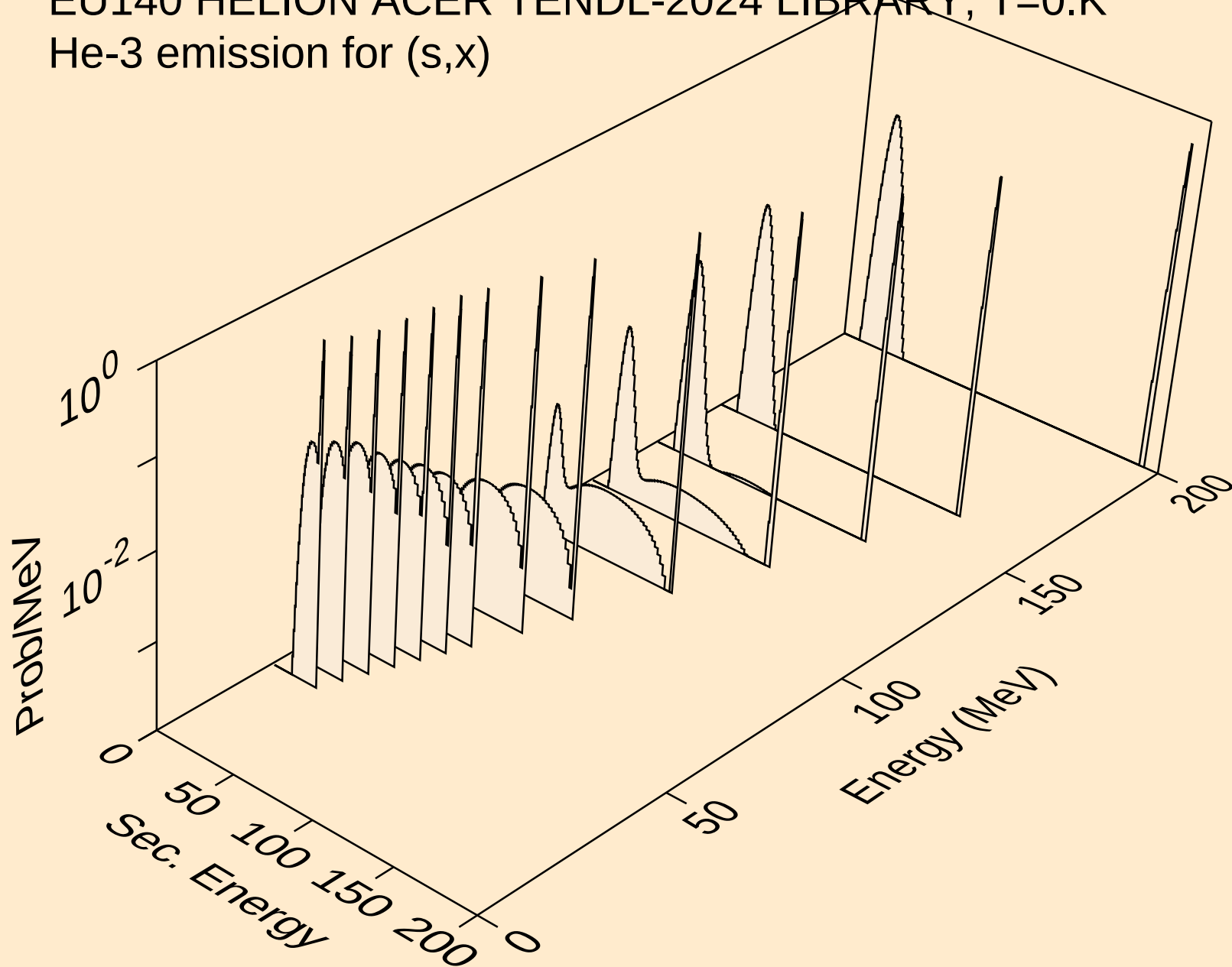
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

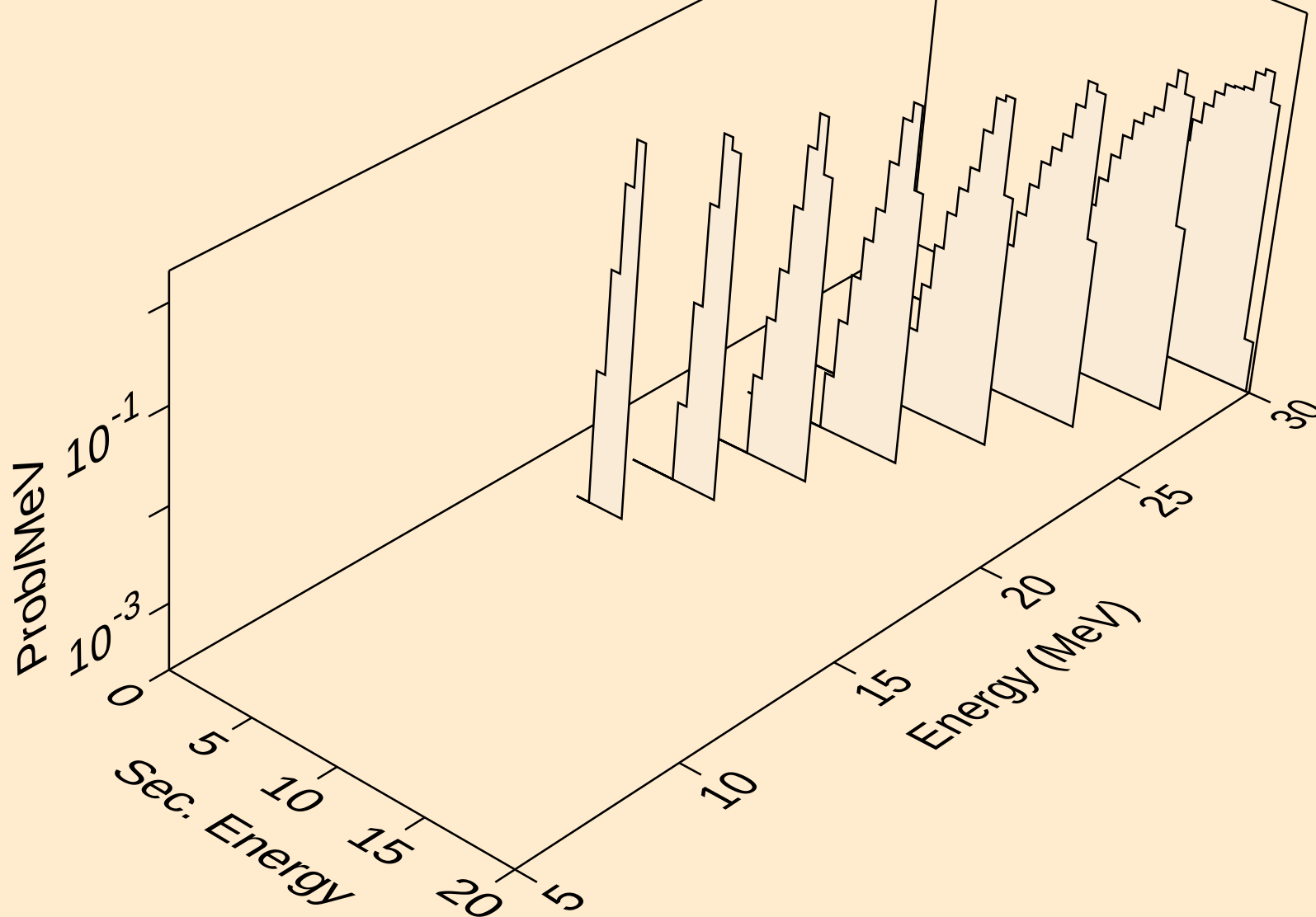


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)

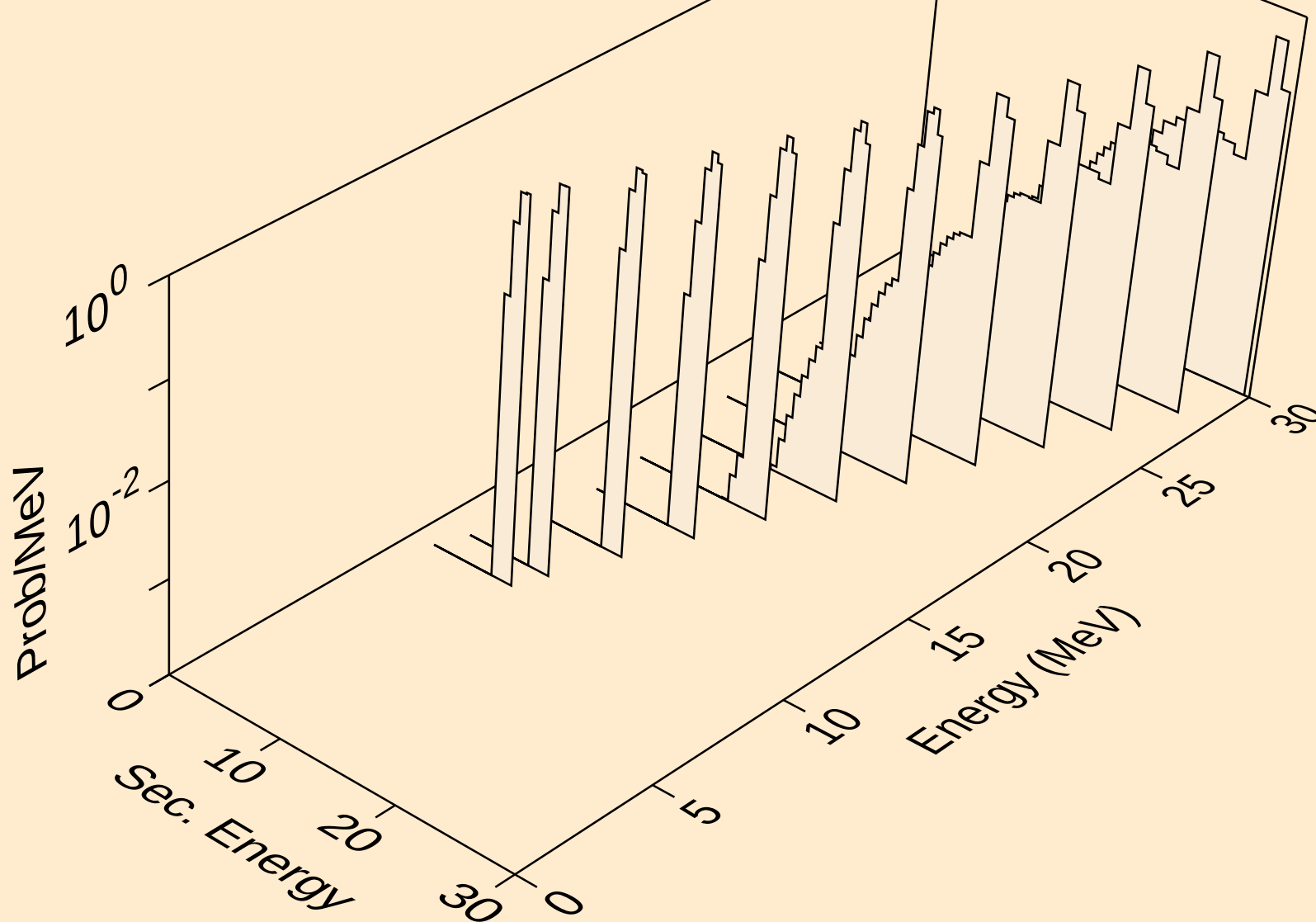


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

He-3 emission for (s,n\*)he3

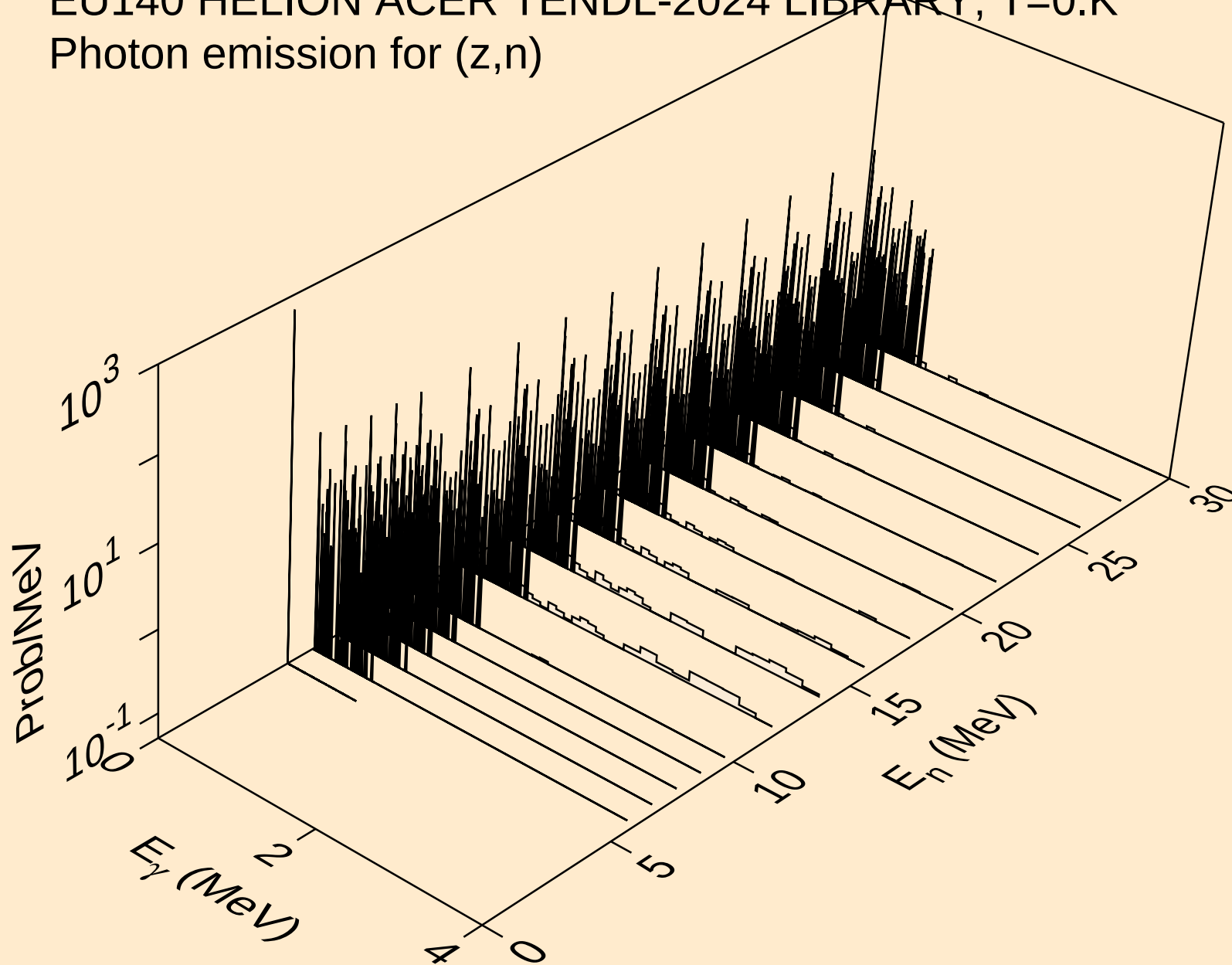


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



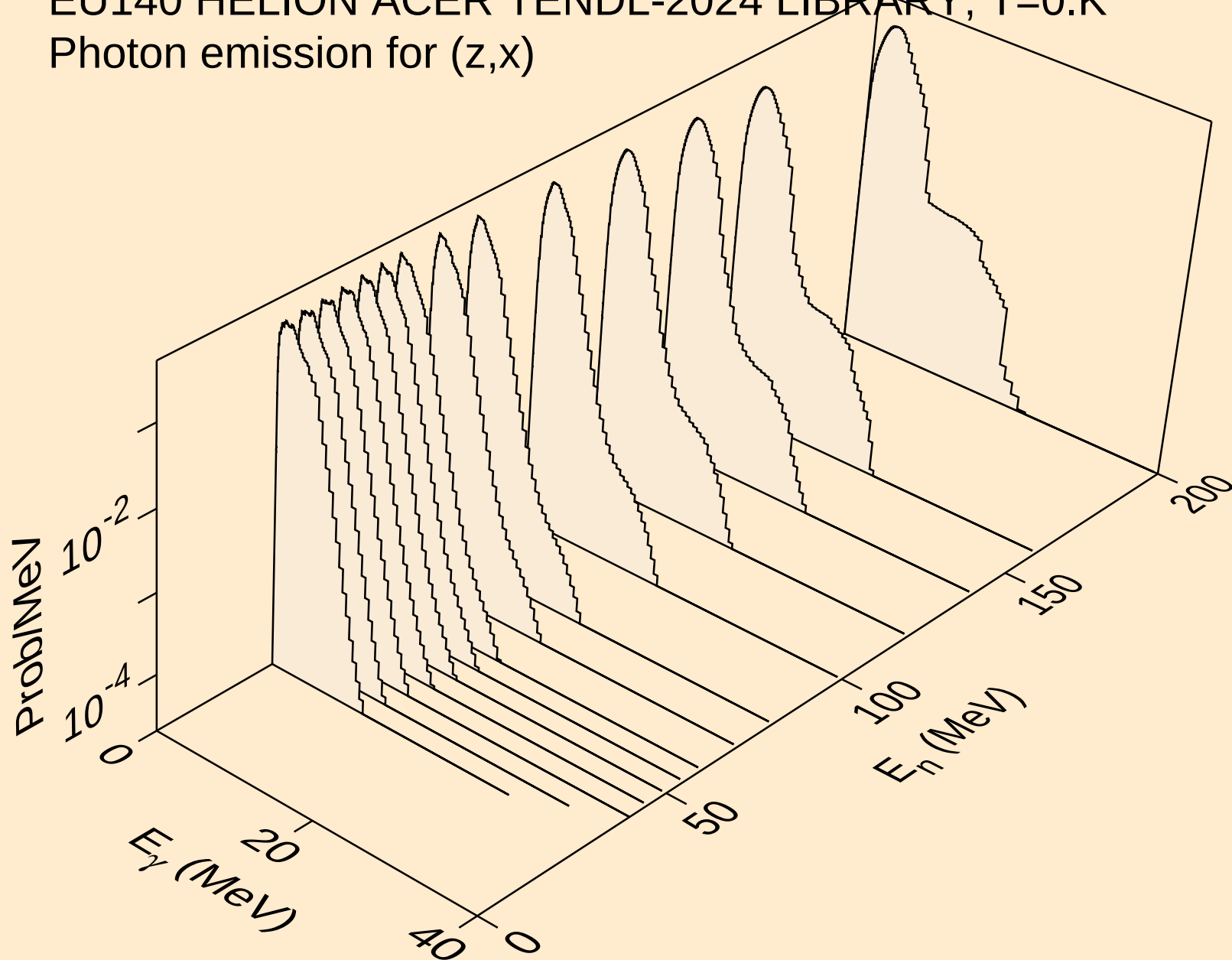


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

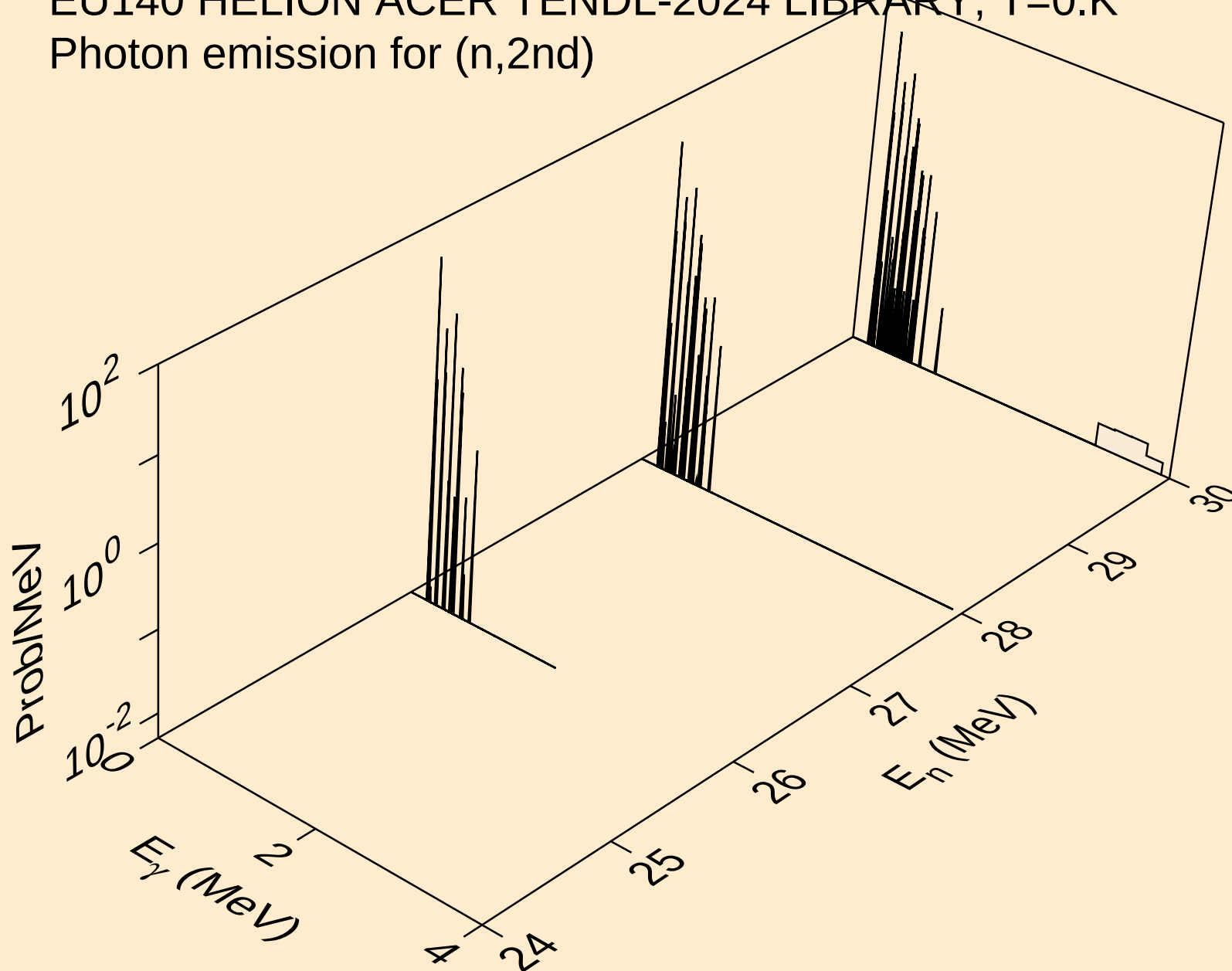


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

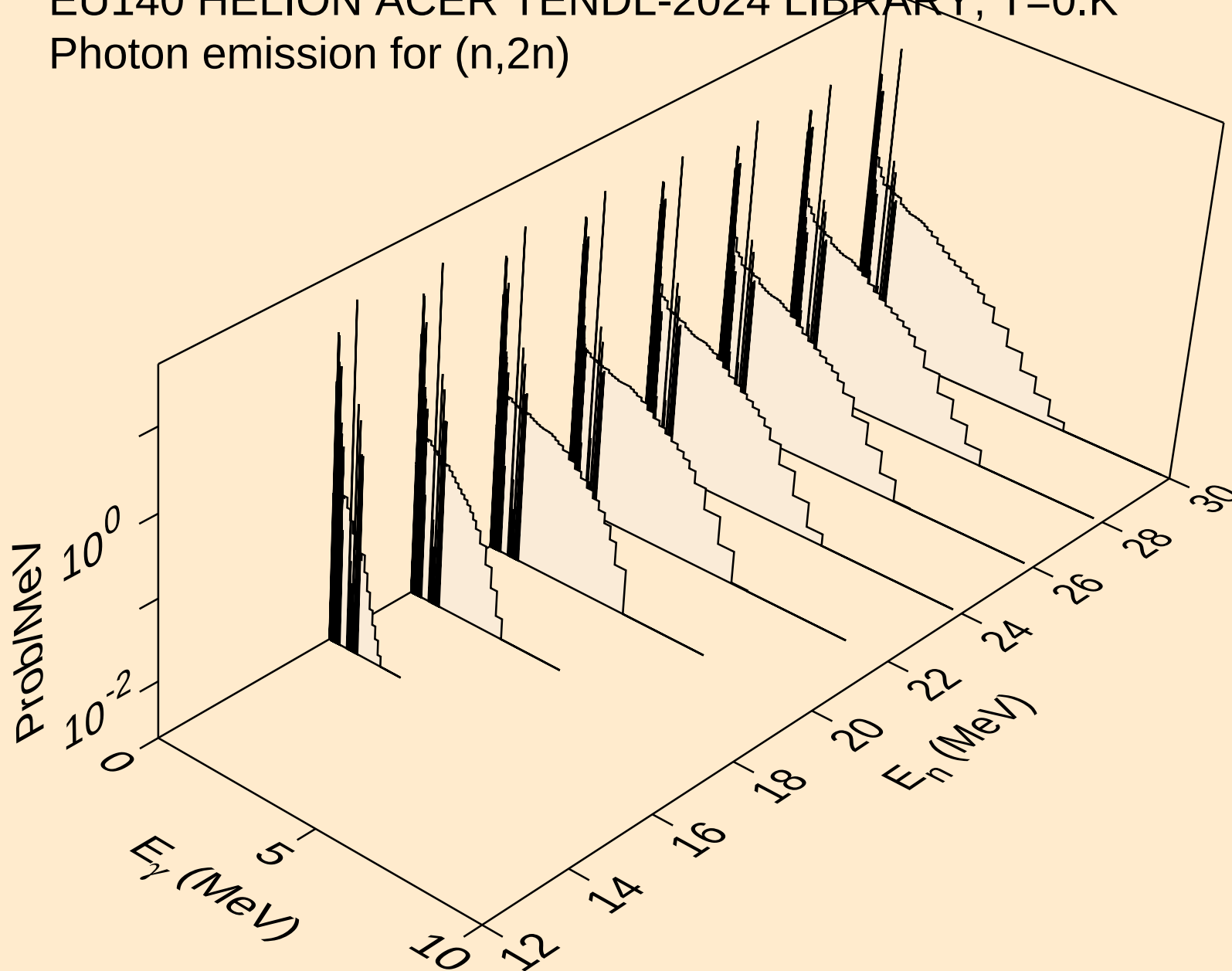
Photon emission for (z,x)



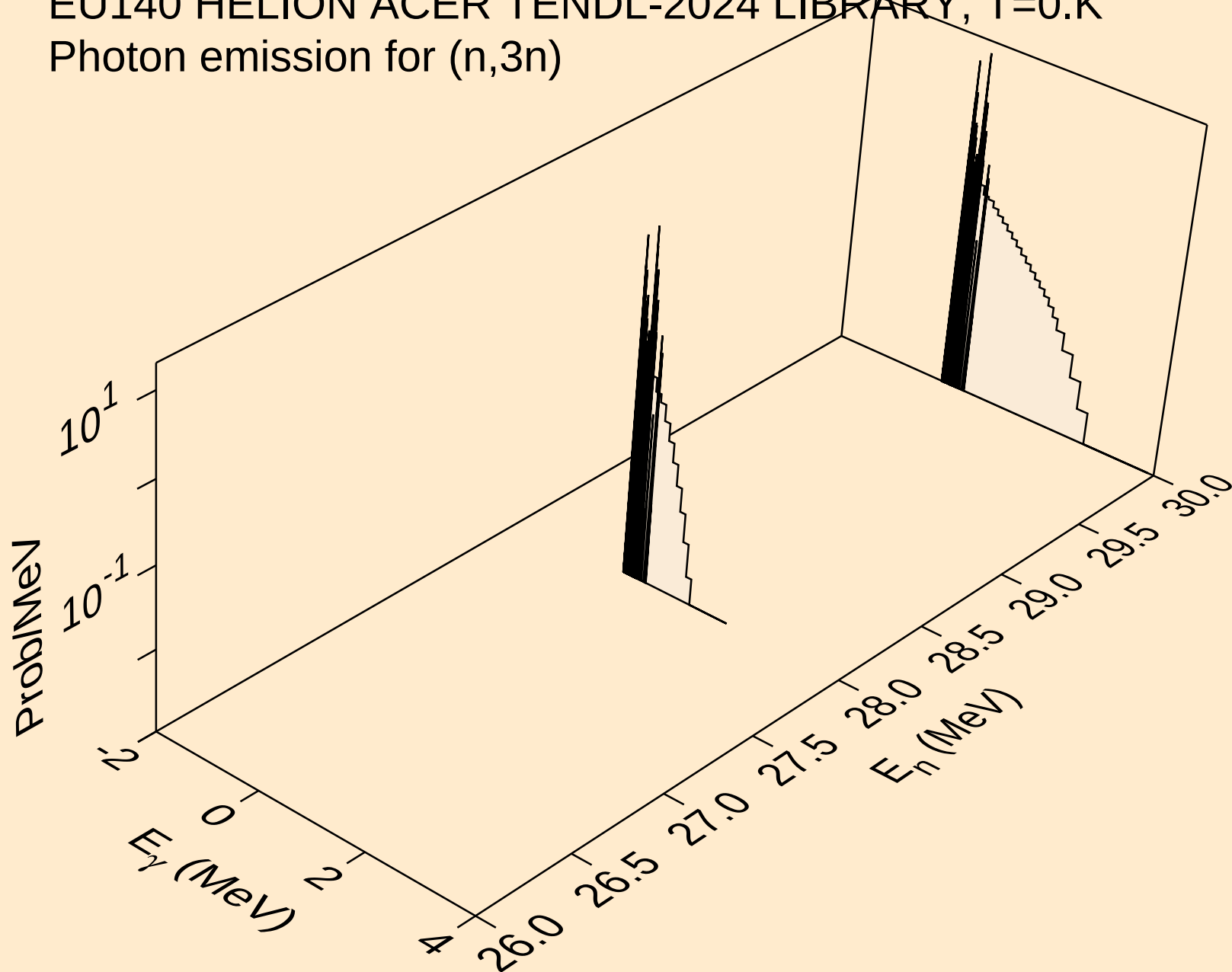
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

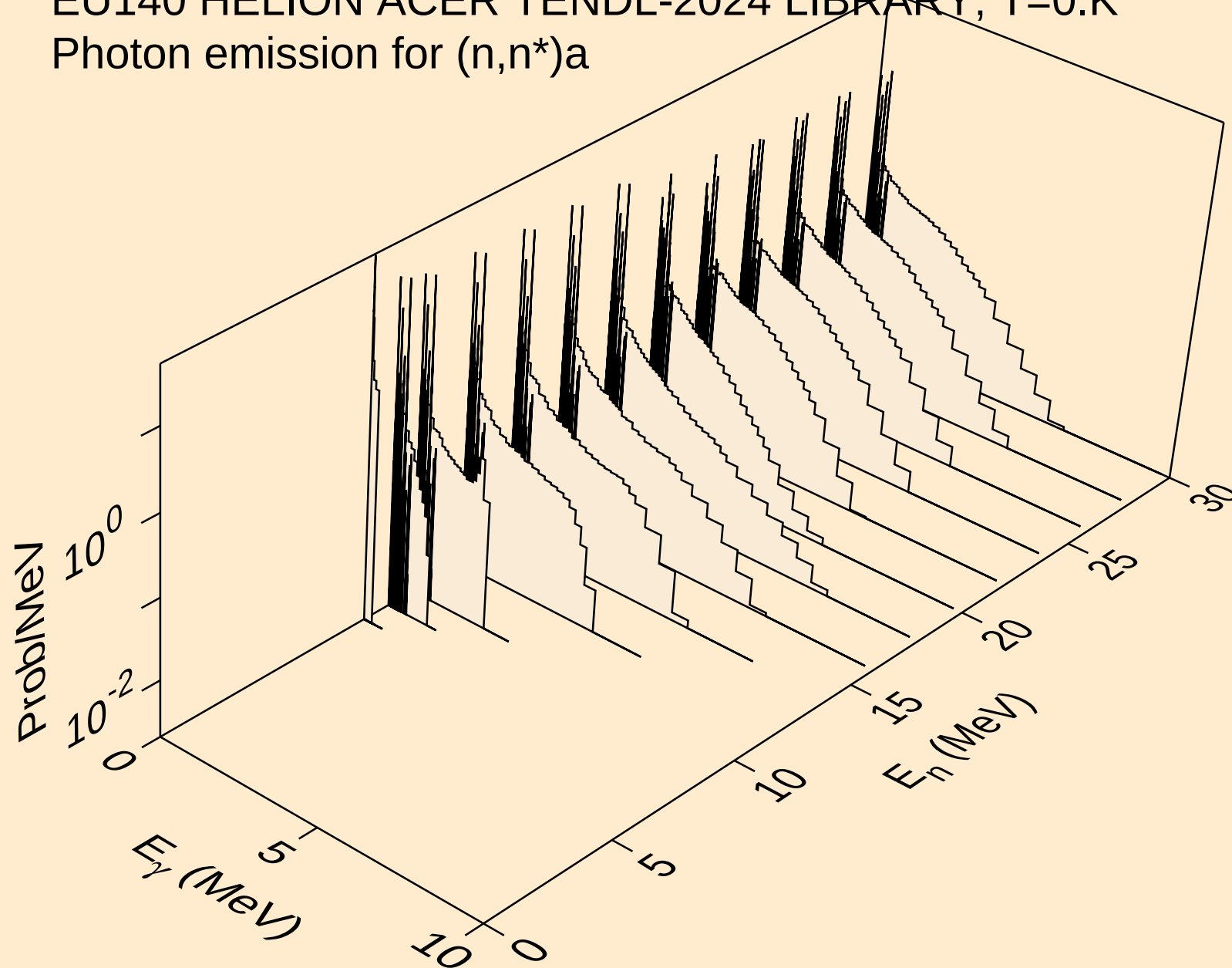


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



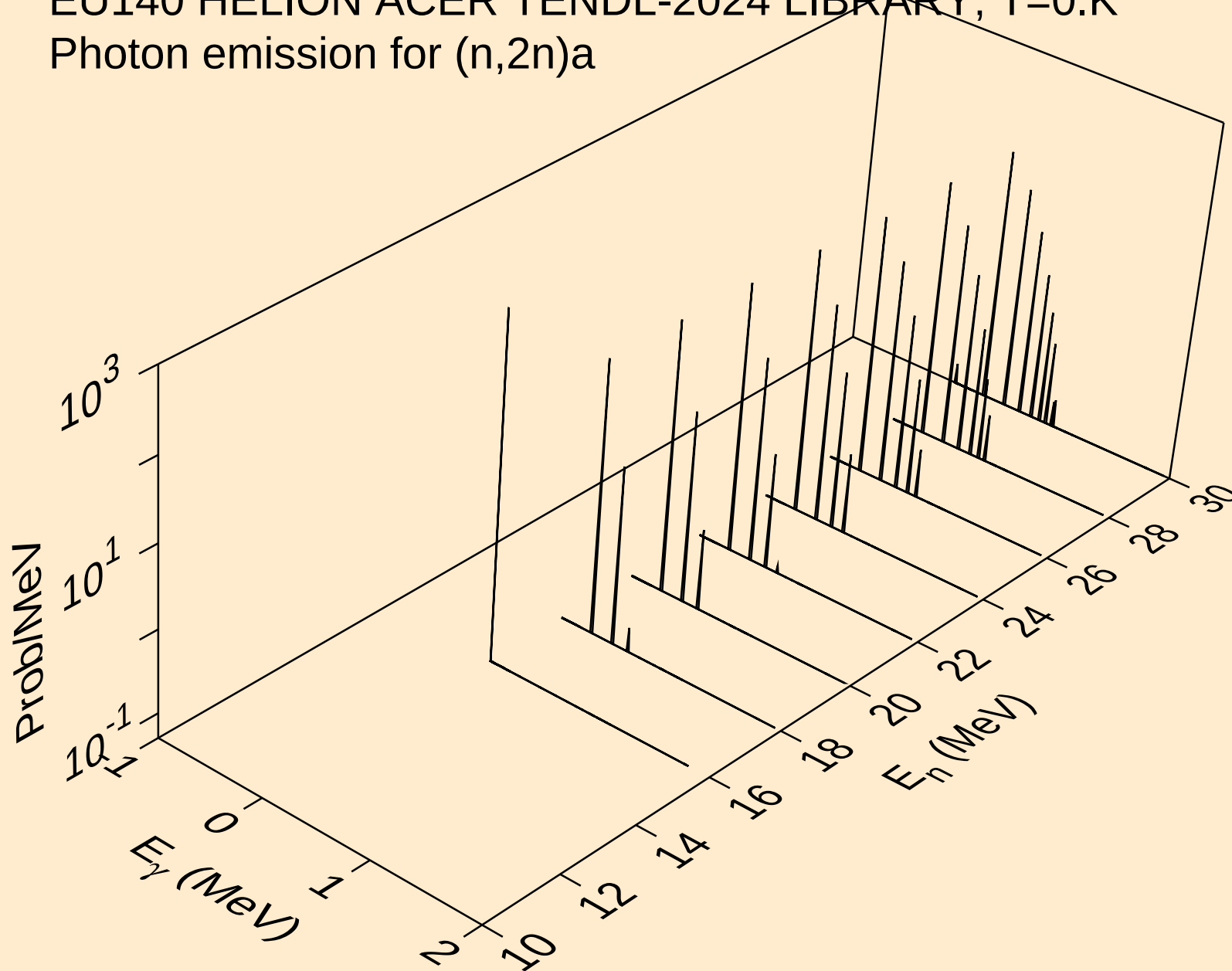
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



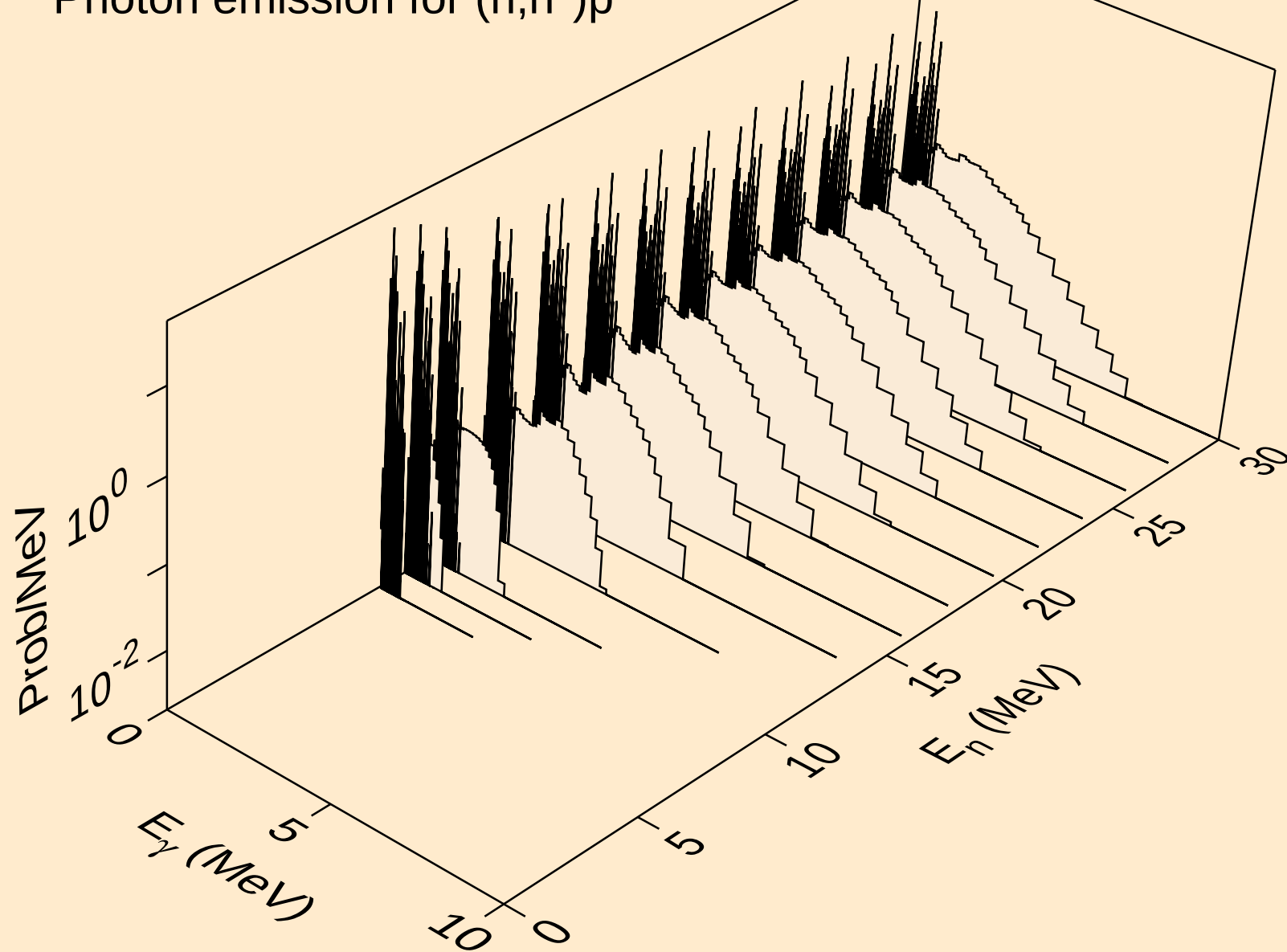
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

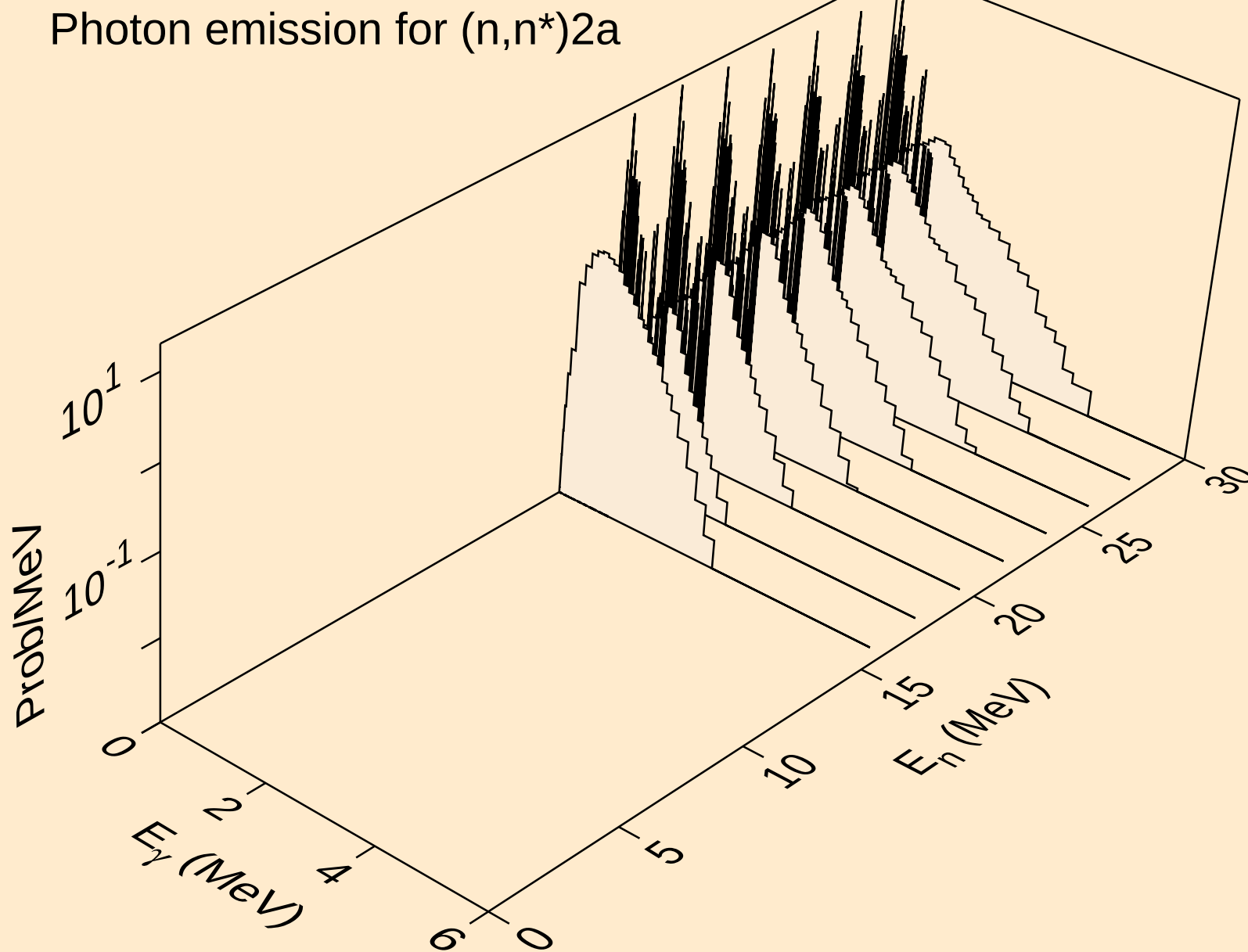
Photon emission for (n,n\*)p





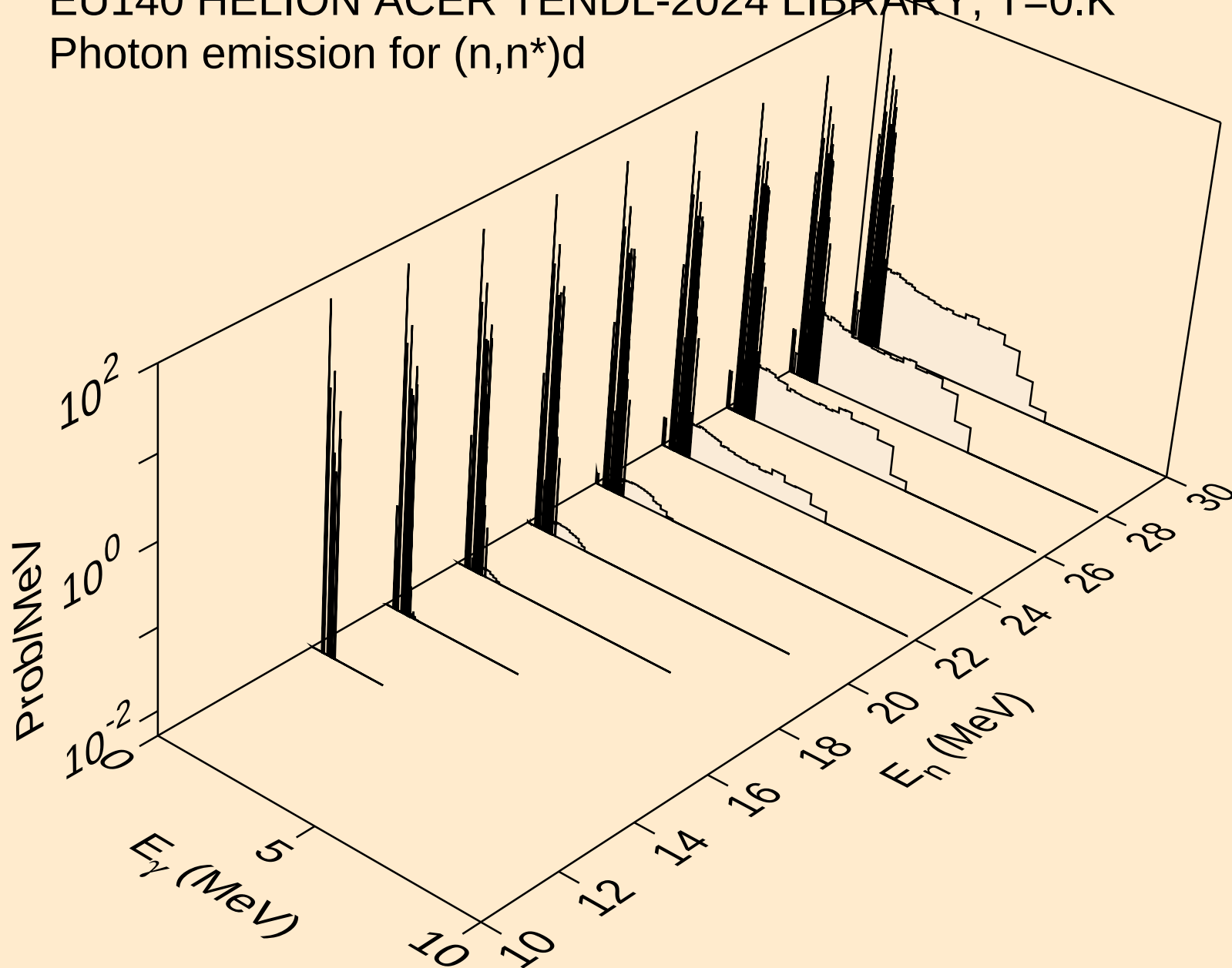
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

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



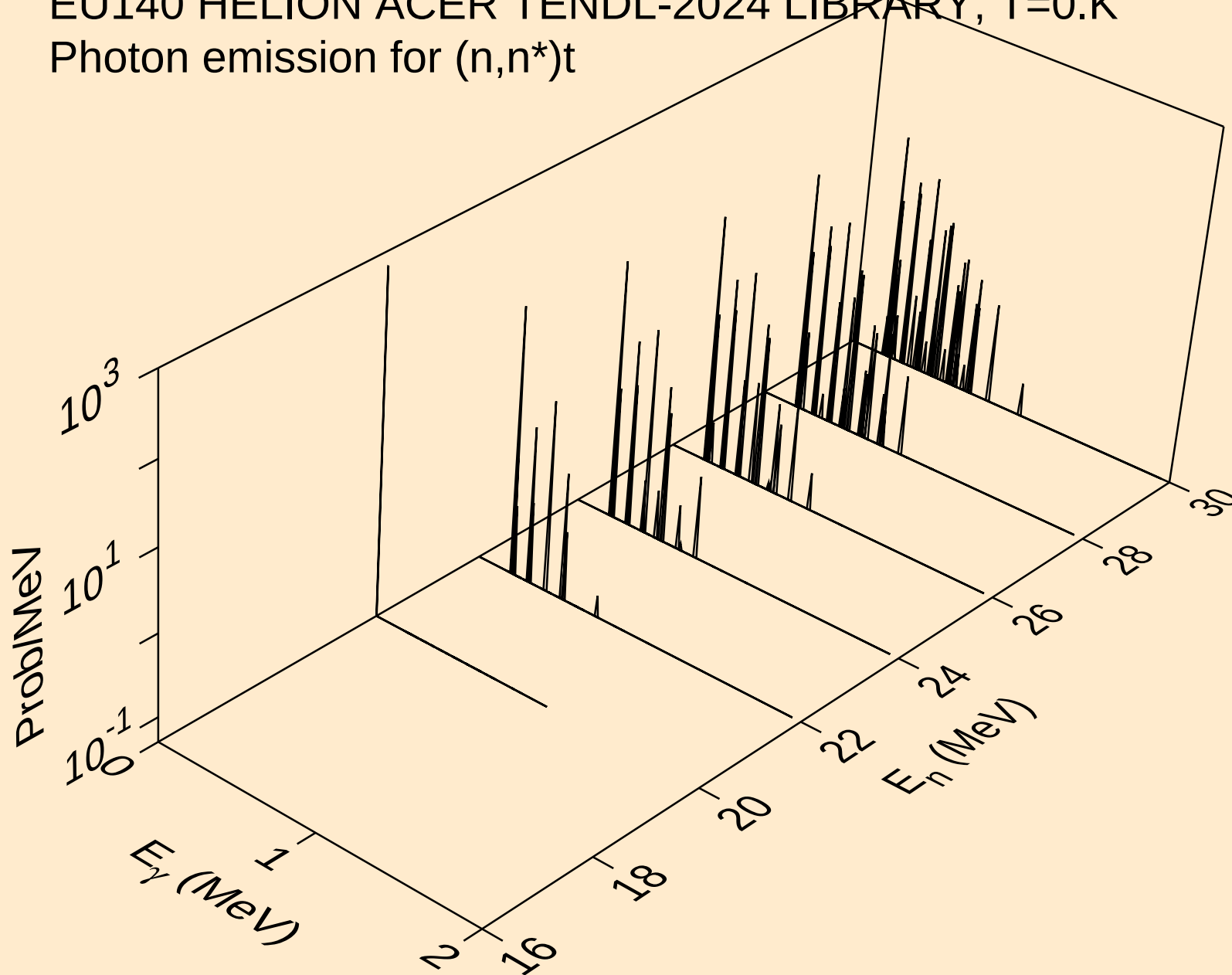
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



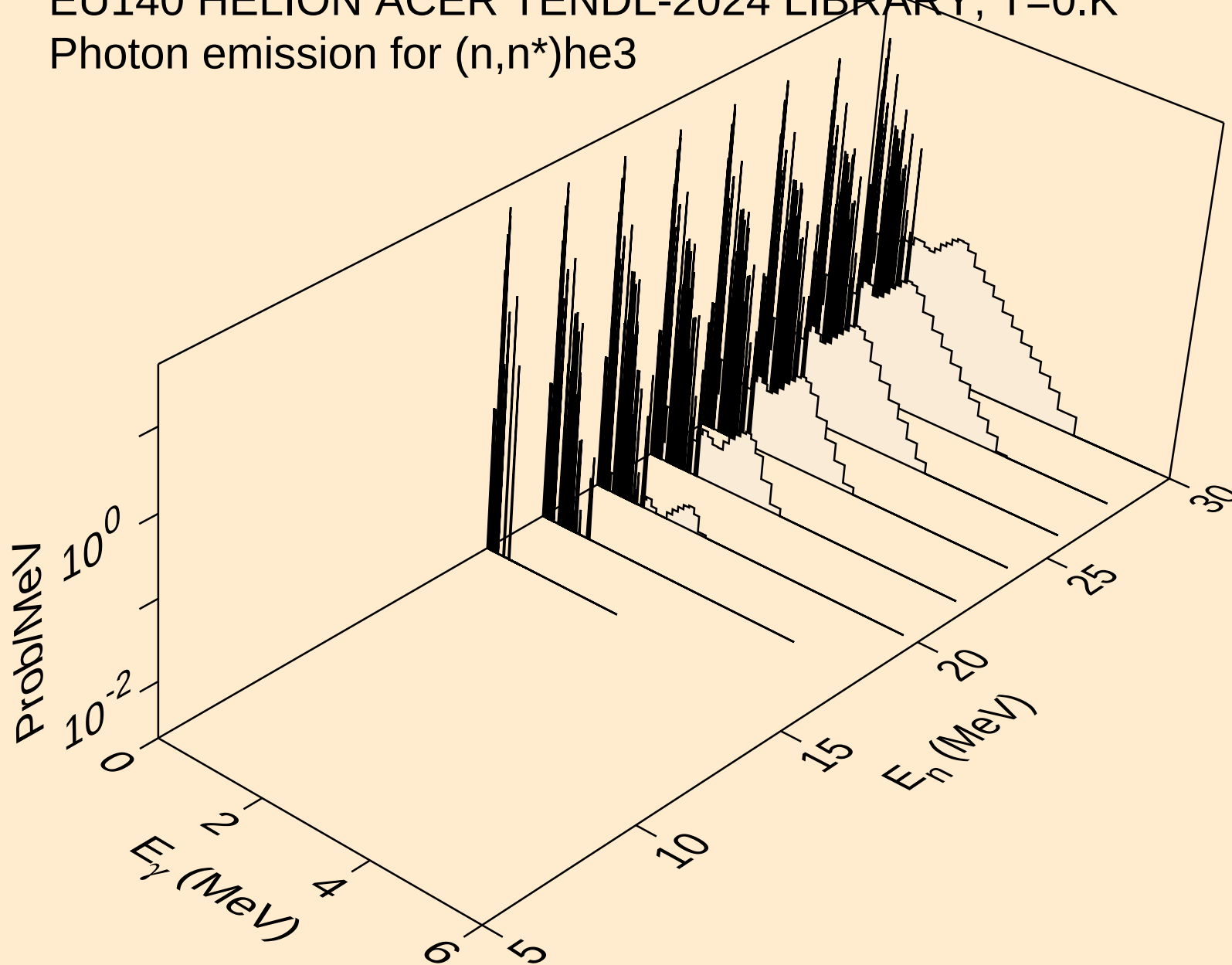
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

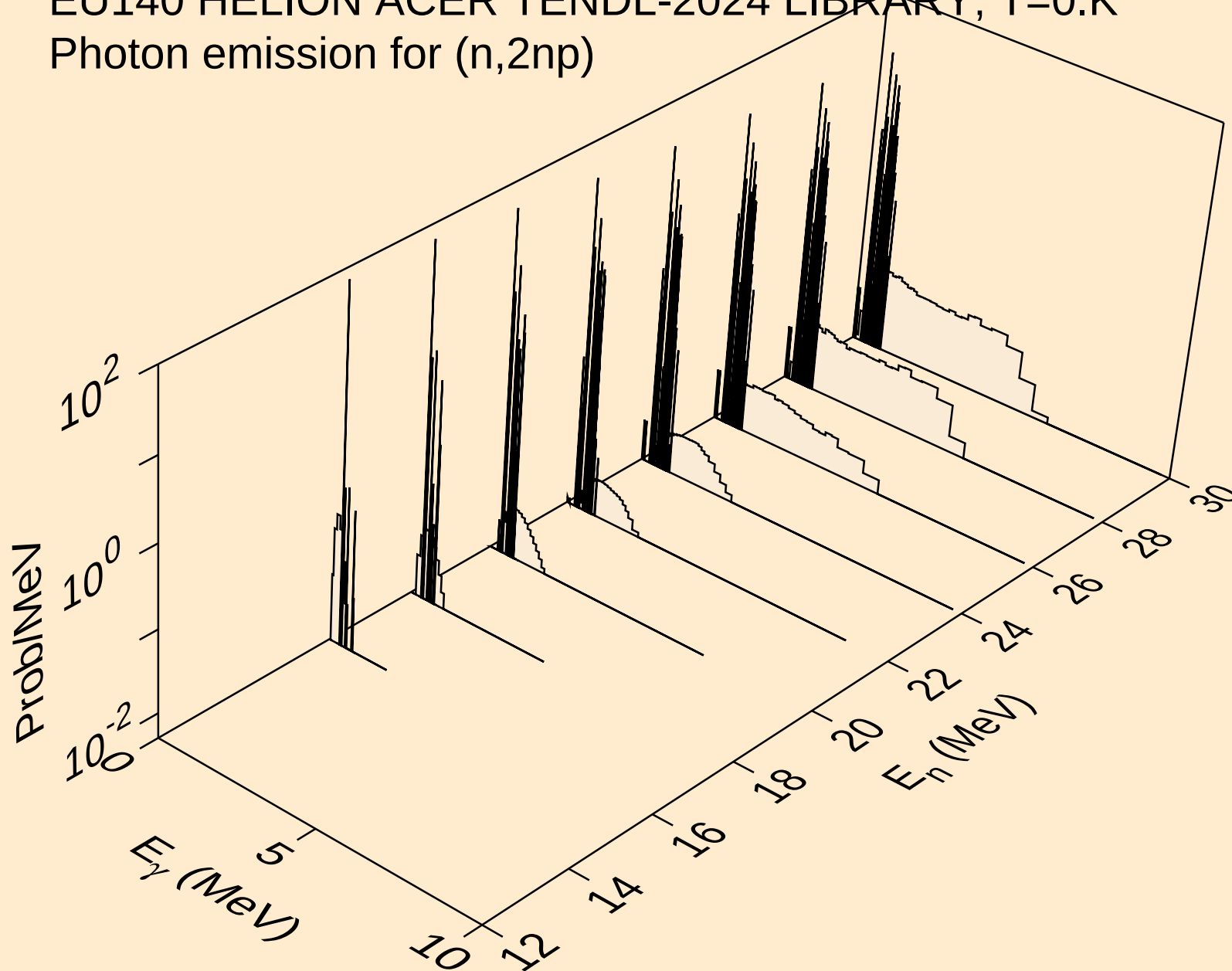


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

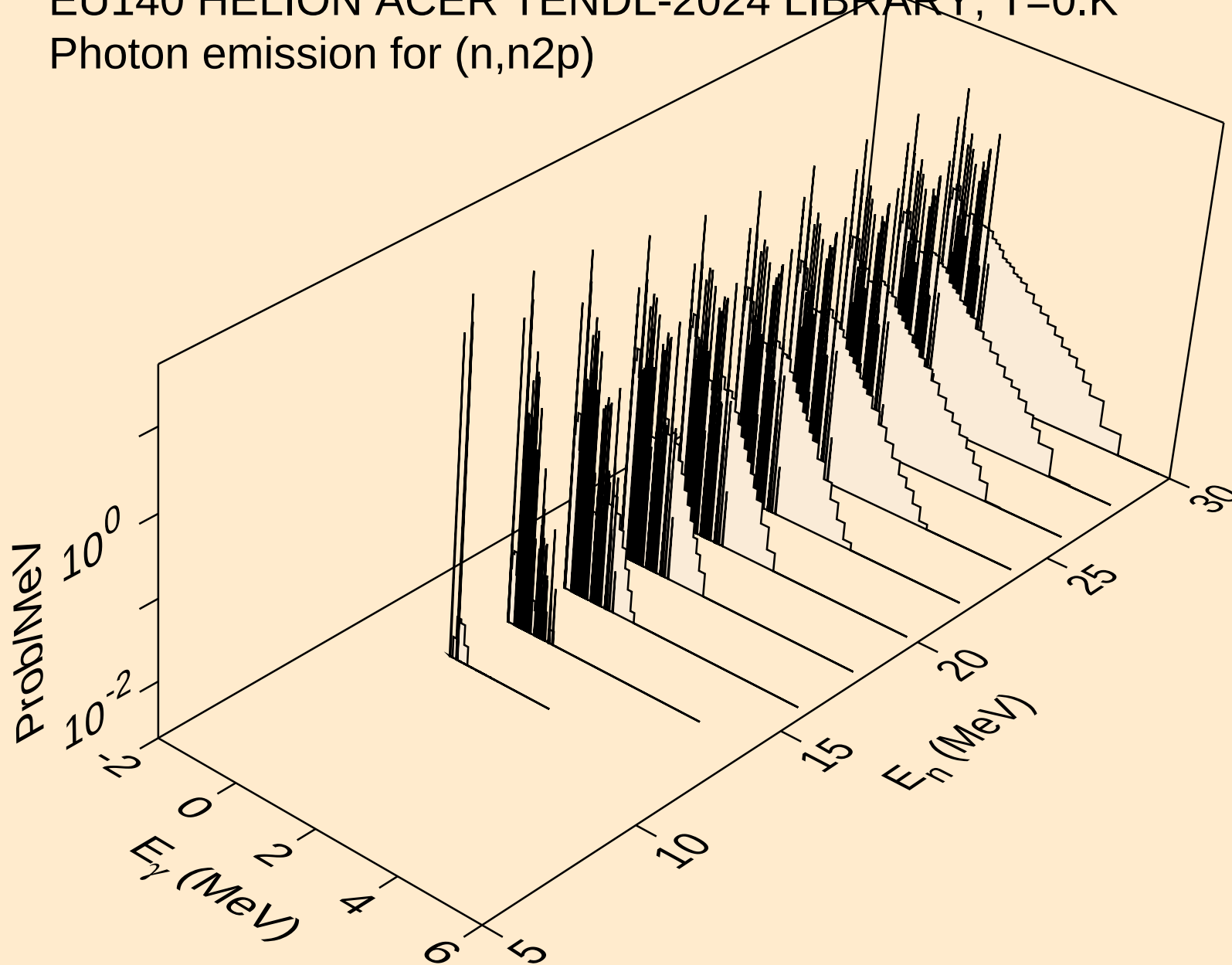
Photon emission for (n,n\*)he3



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

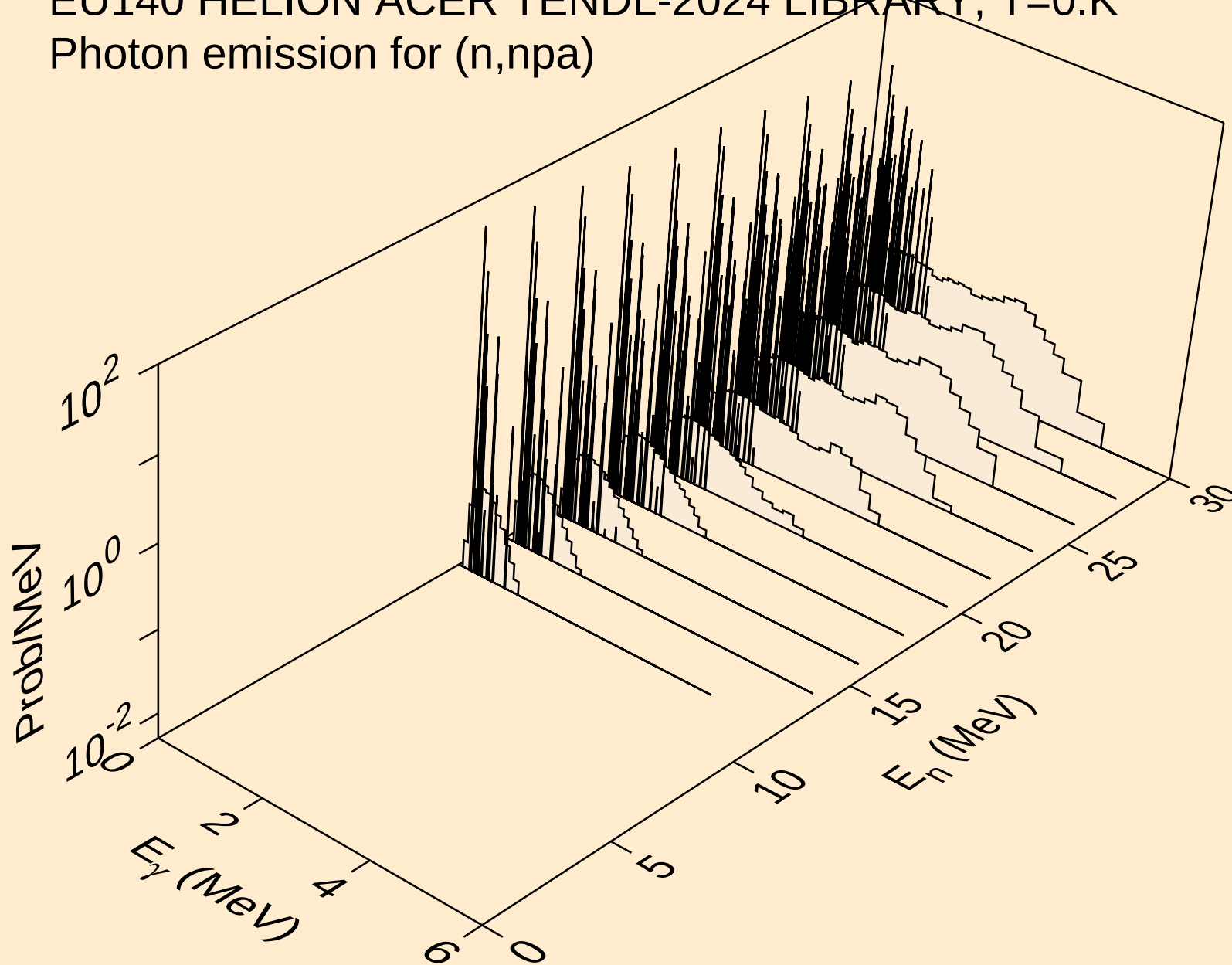


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

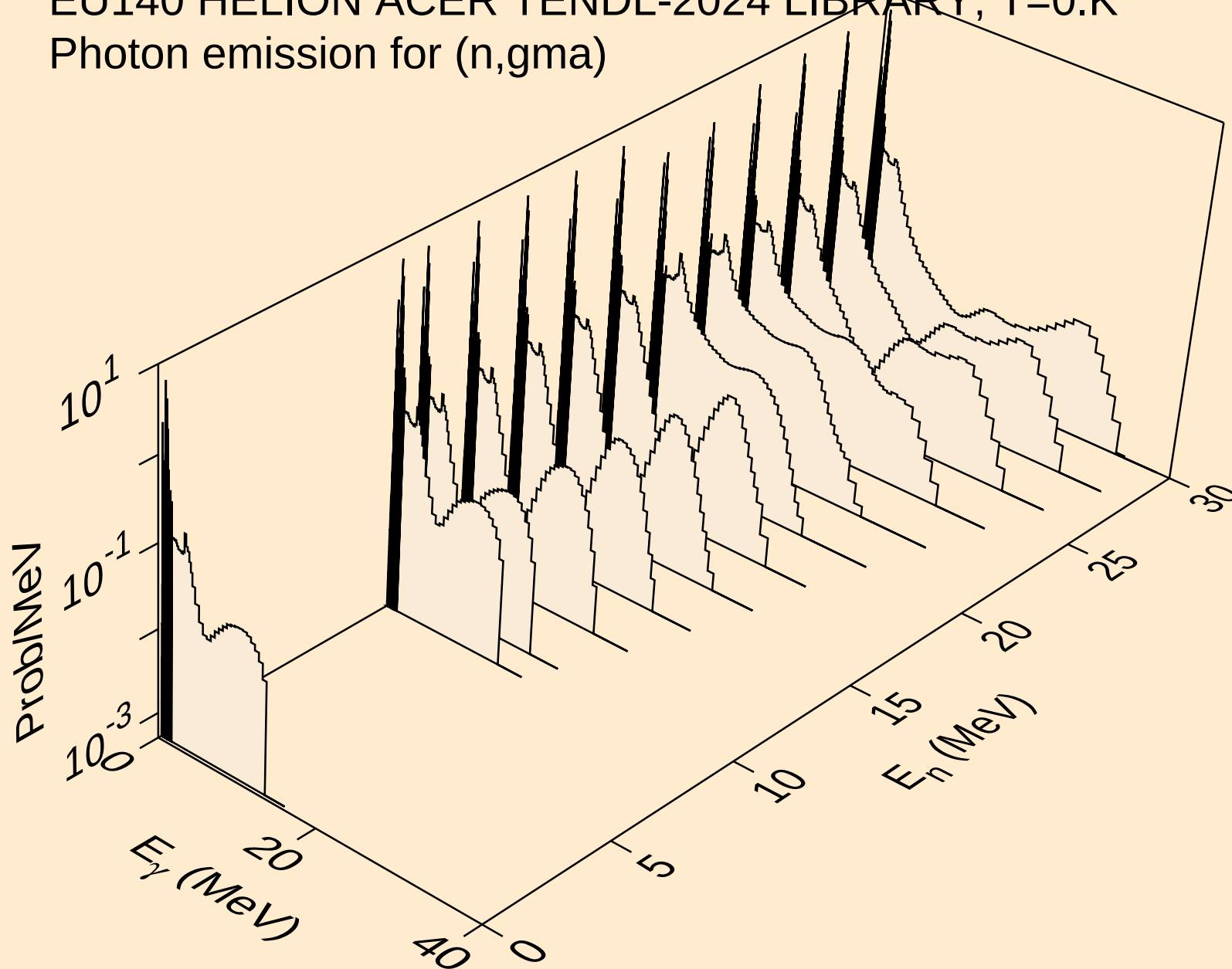


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,npa)

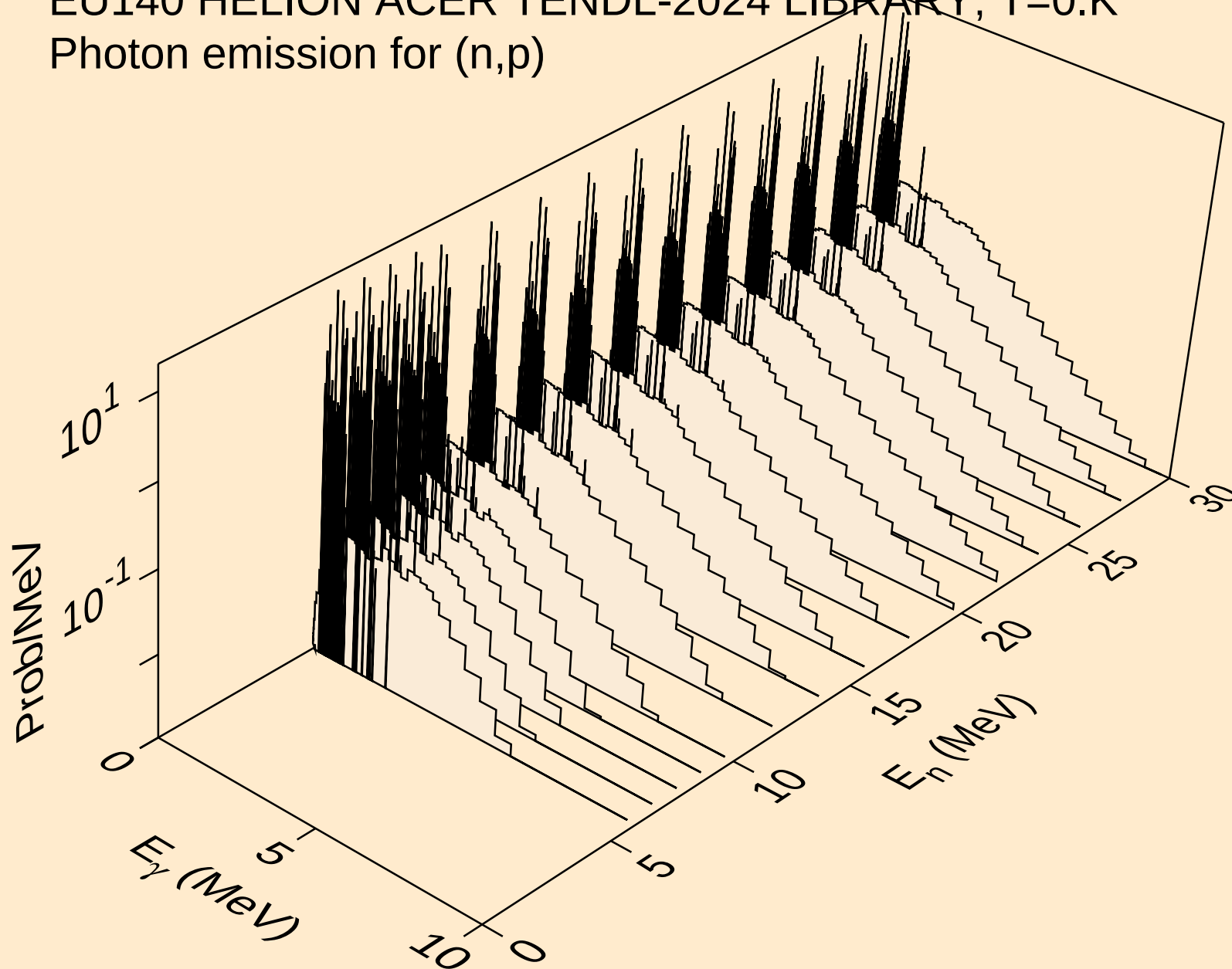


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

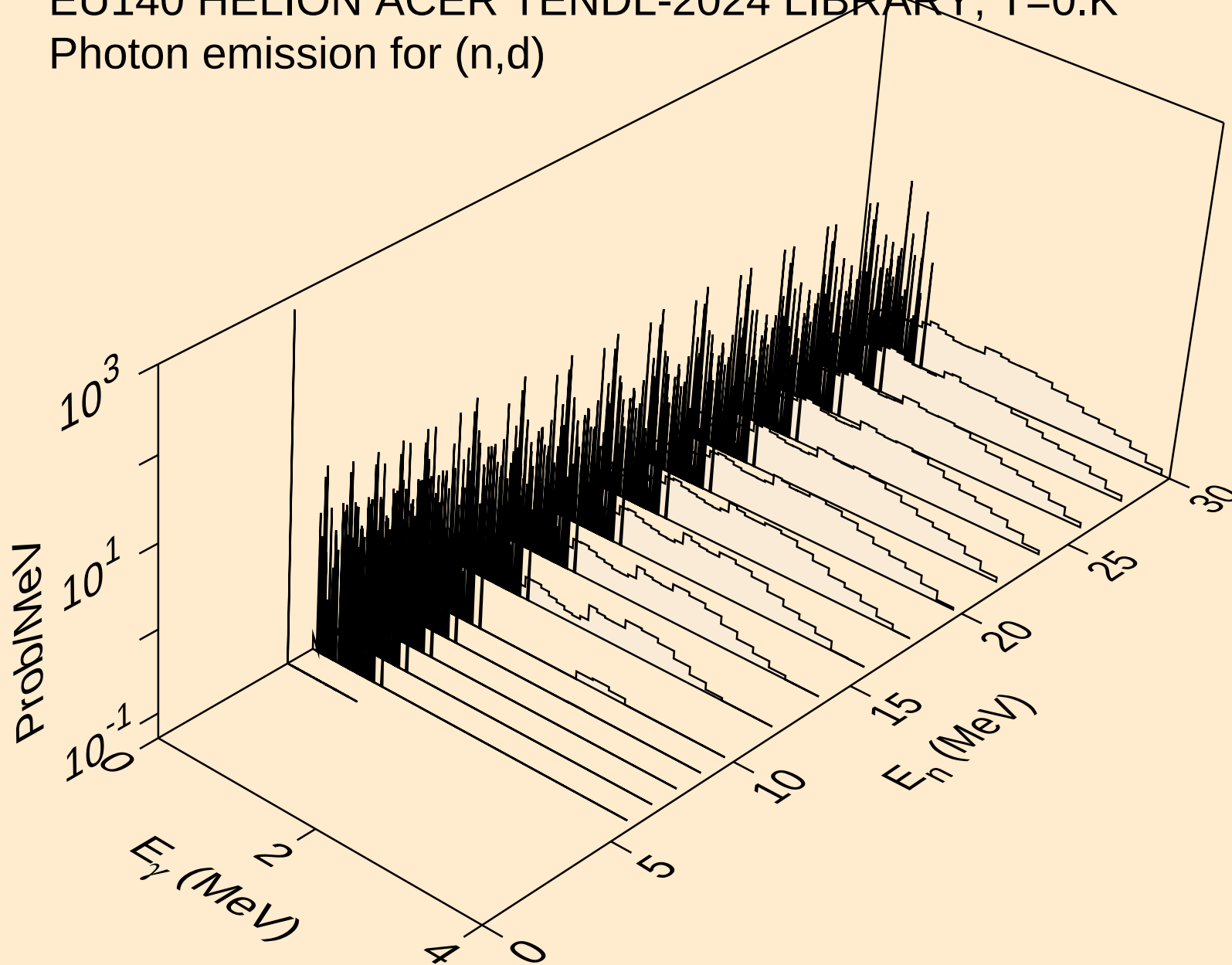




EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

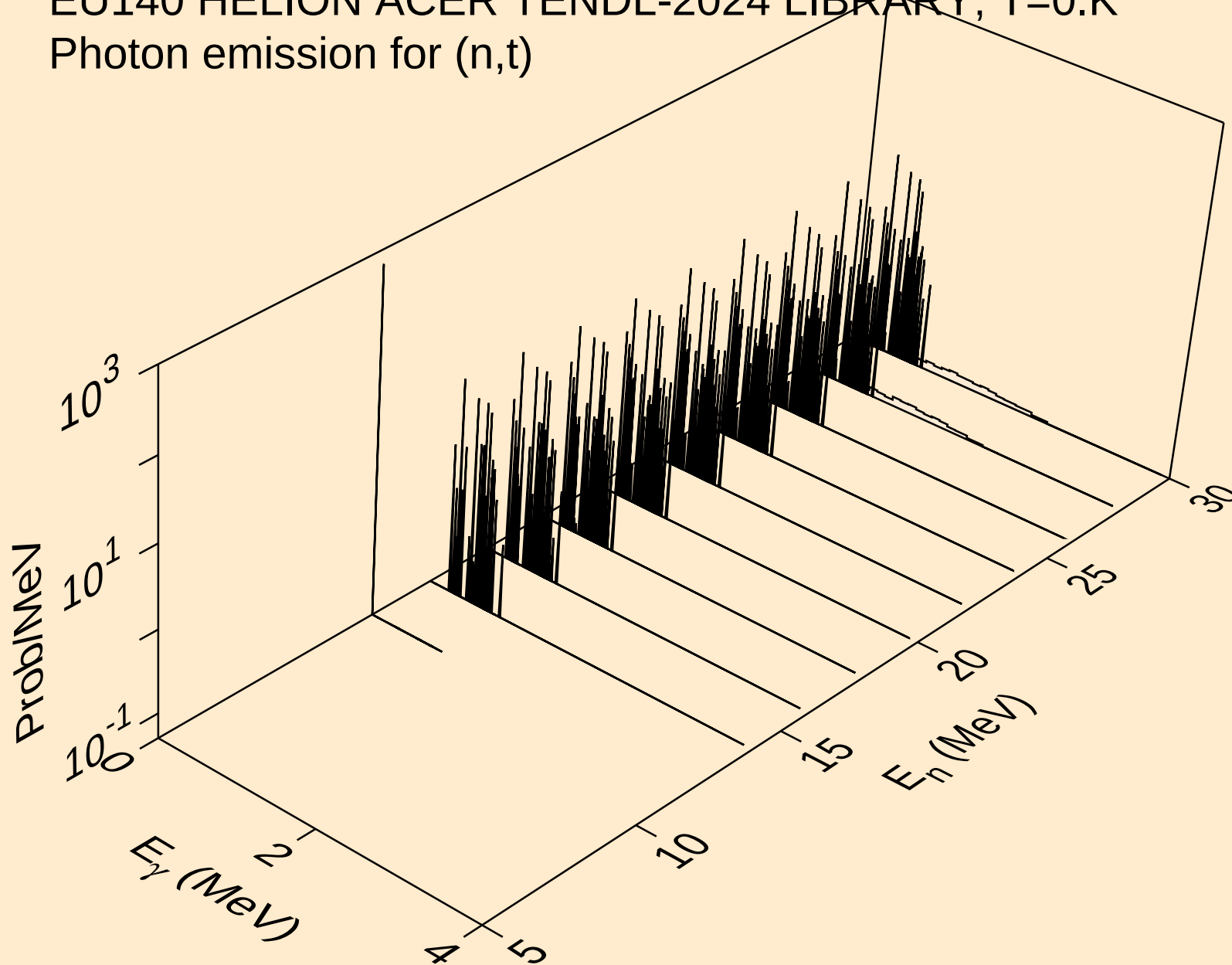


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

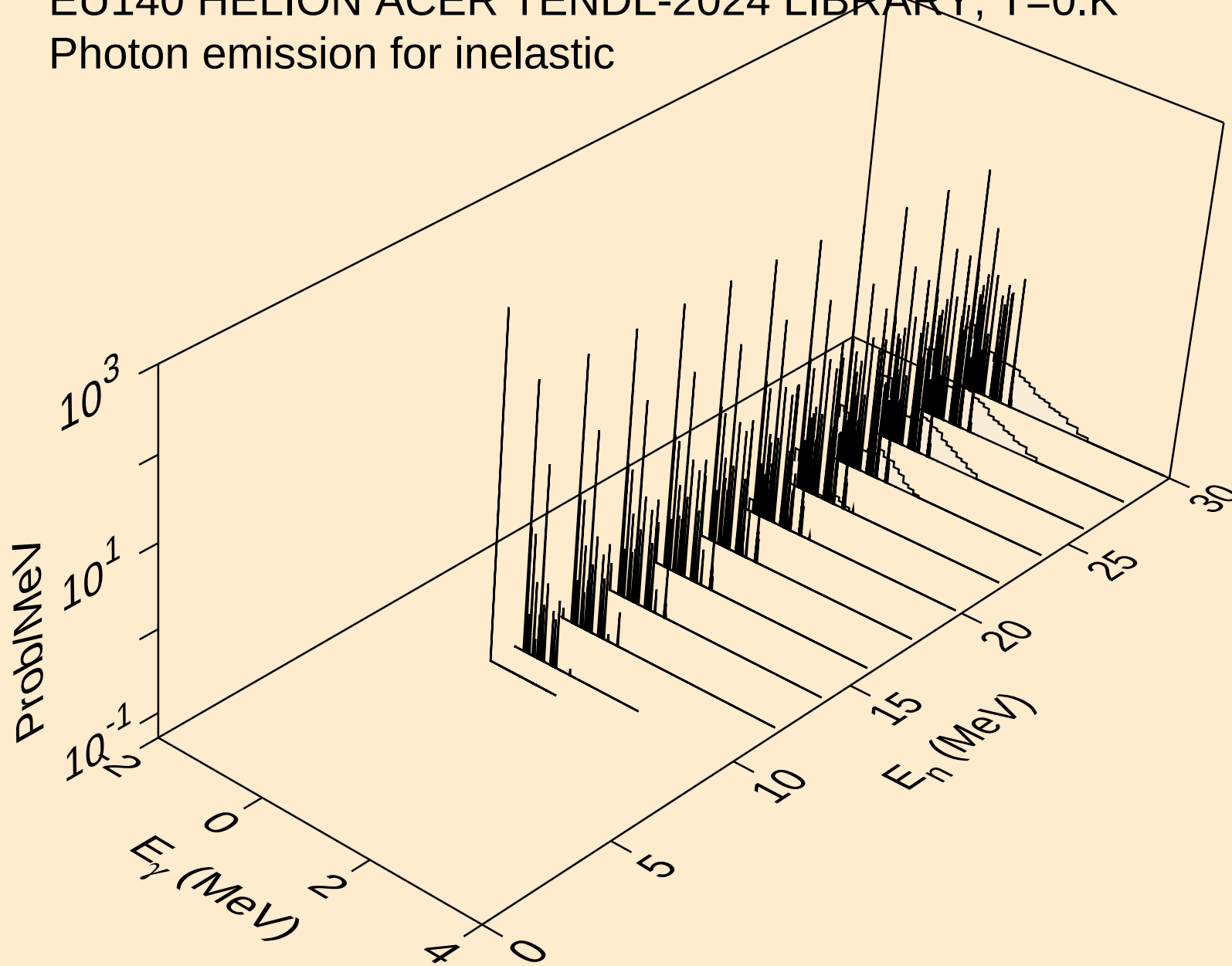


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,t)

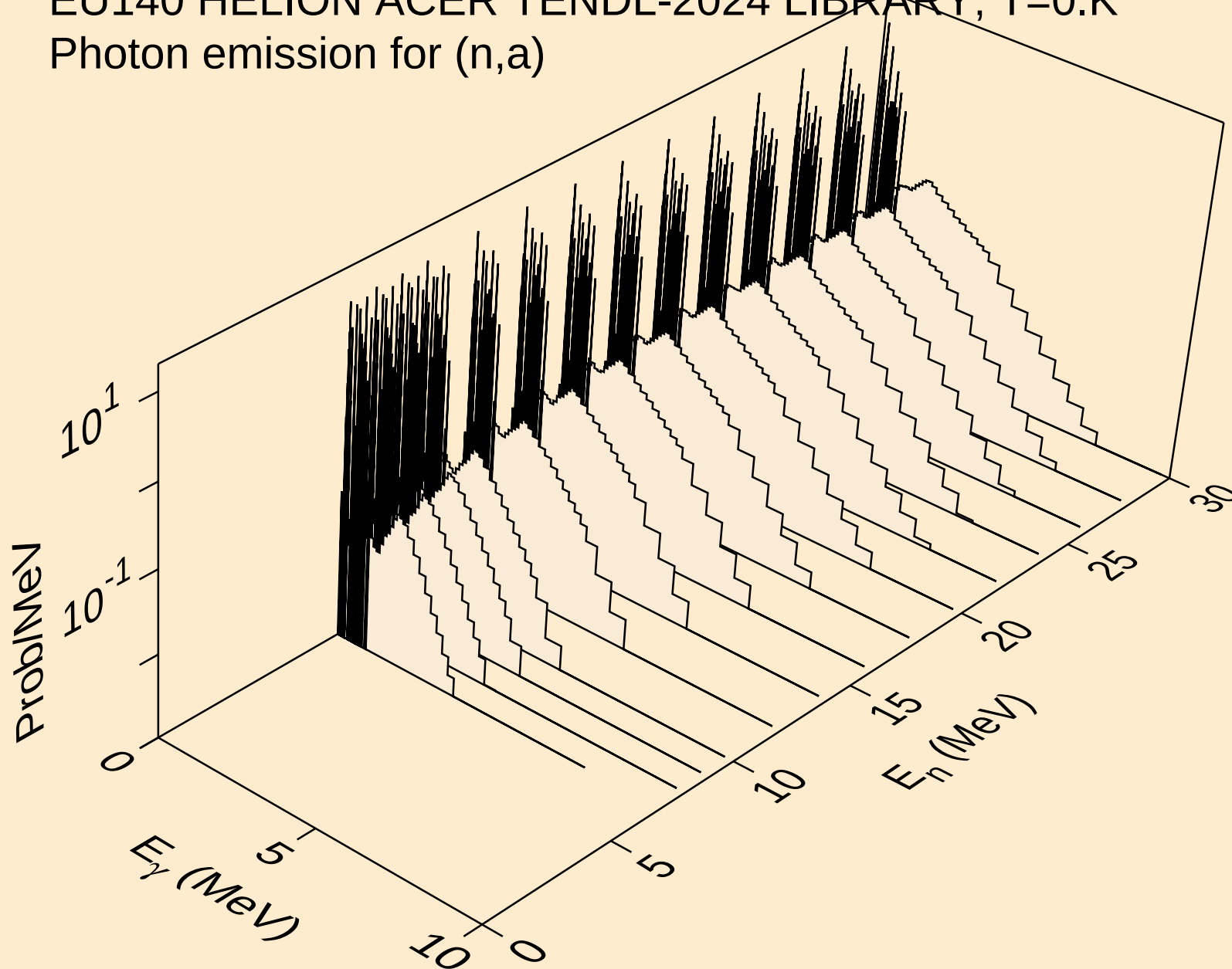


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



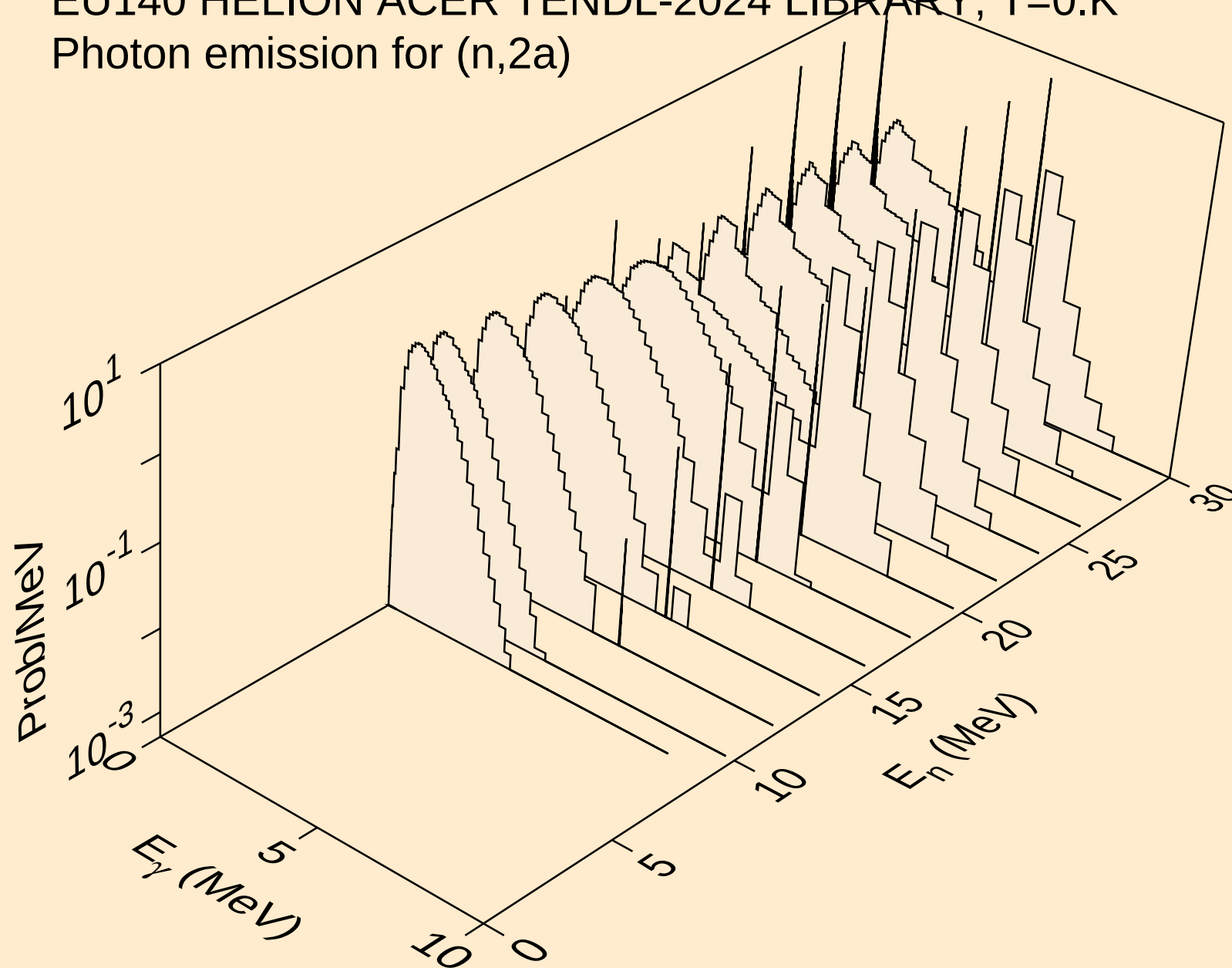
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,a)



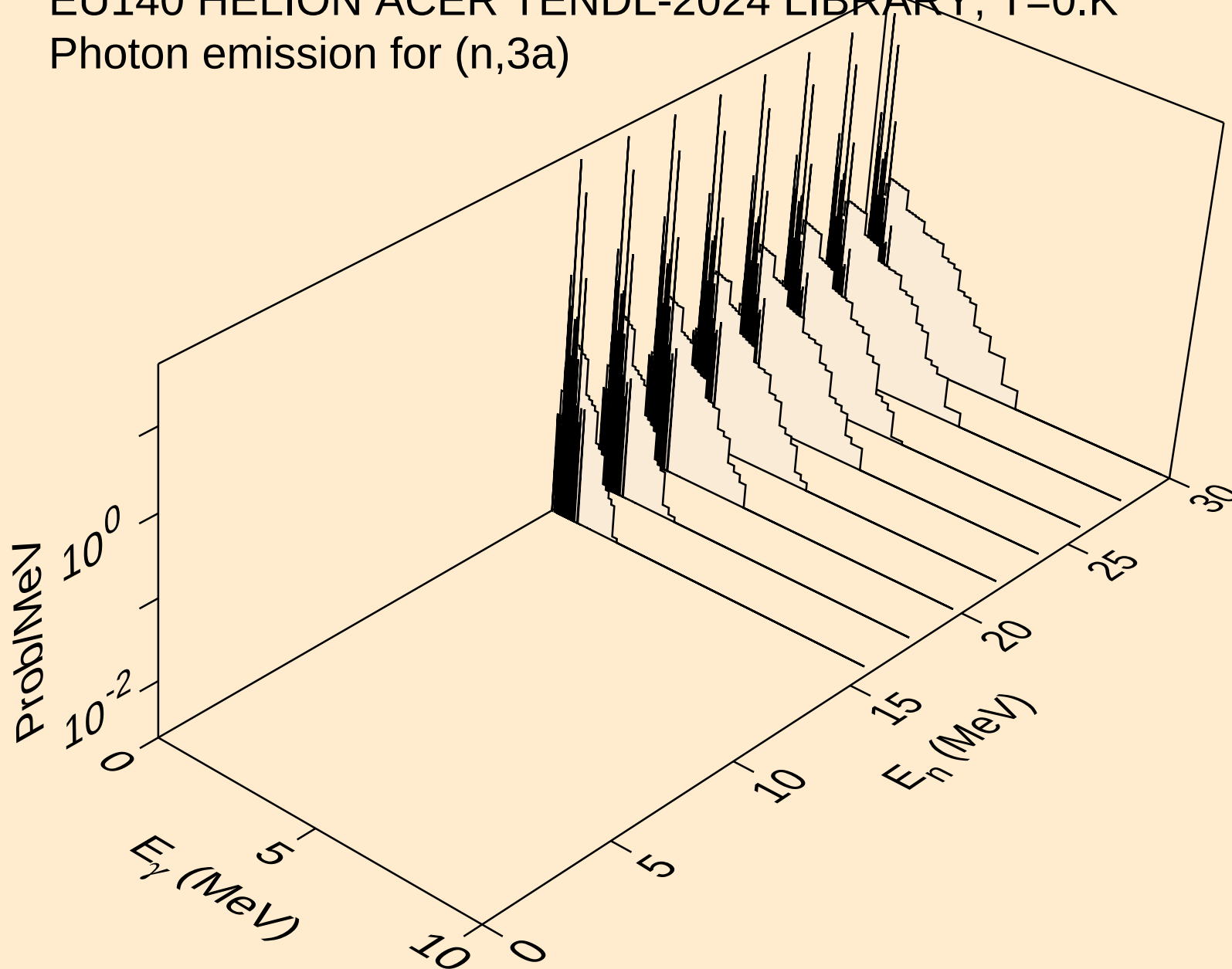
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2a)

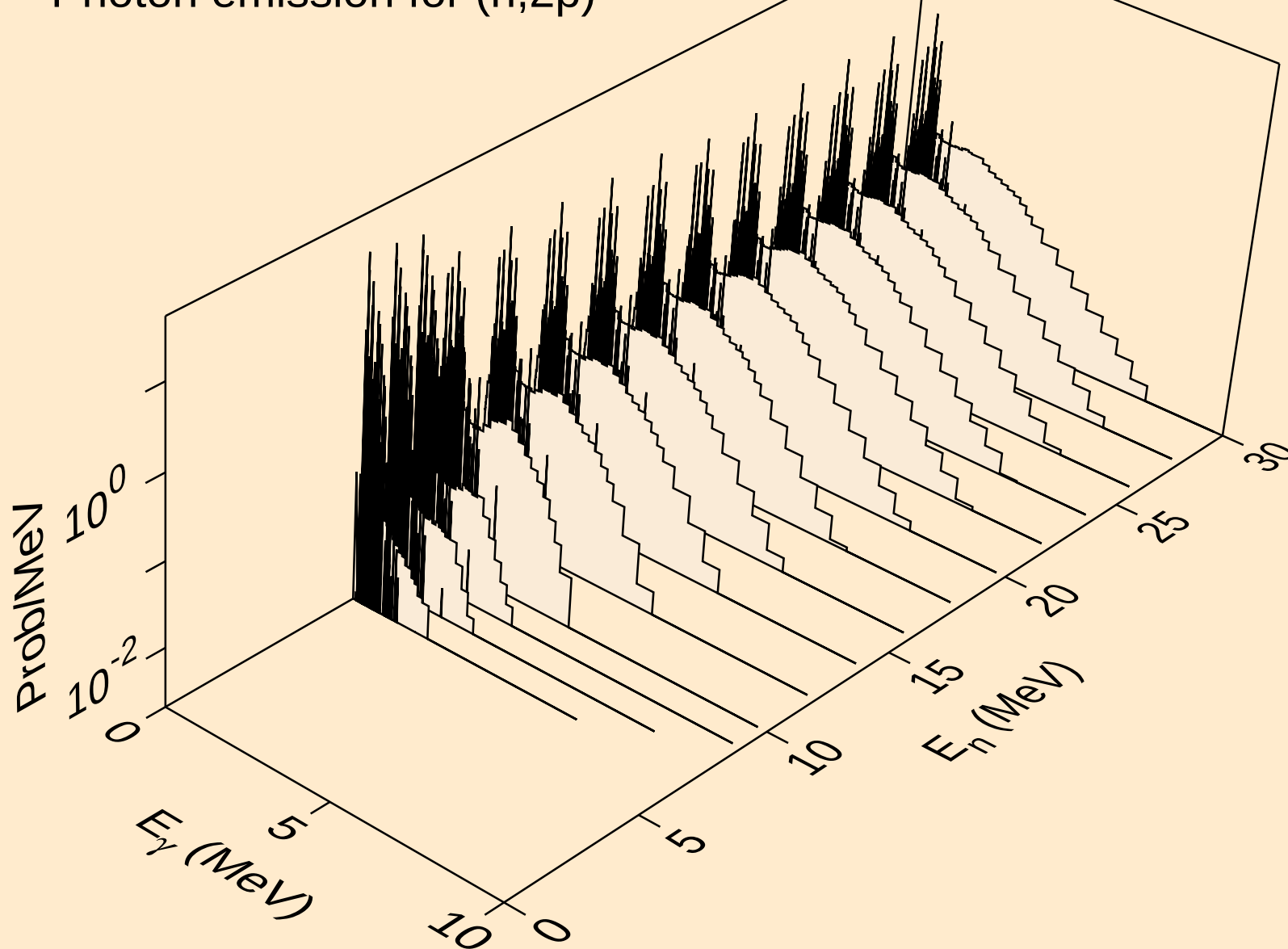


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3a)



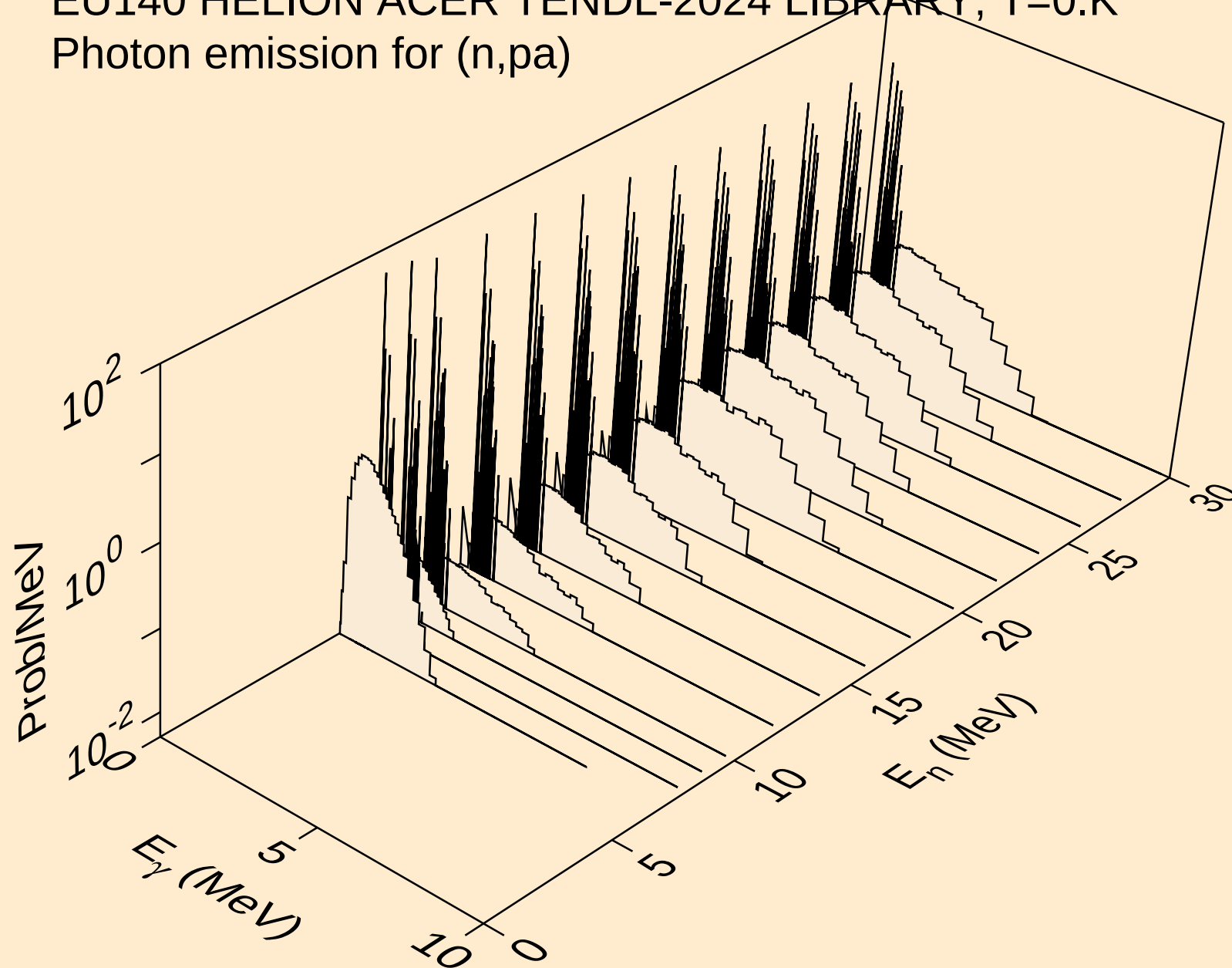
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



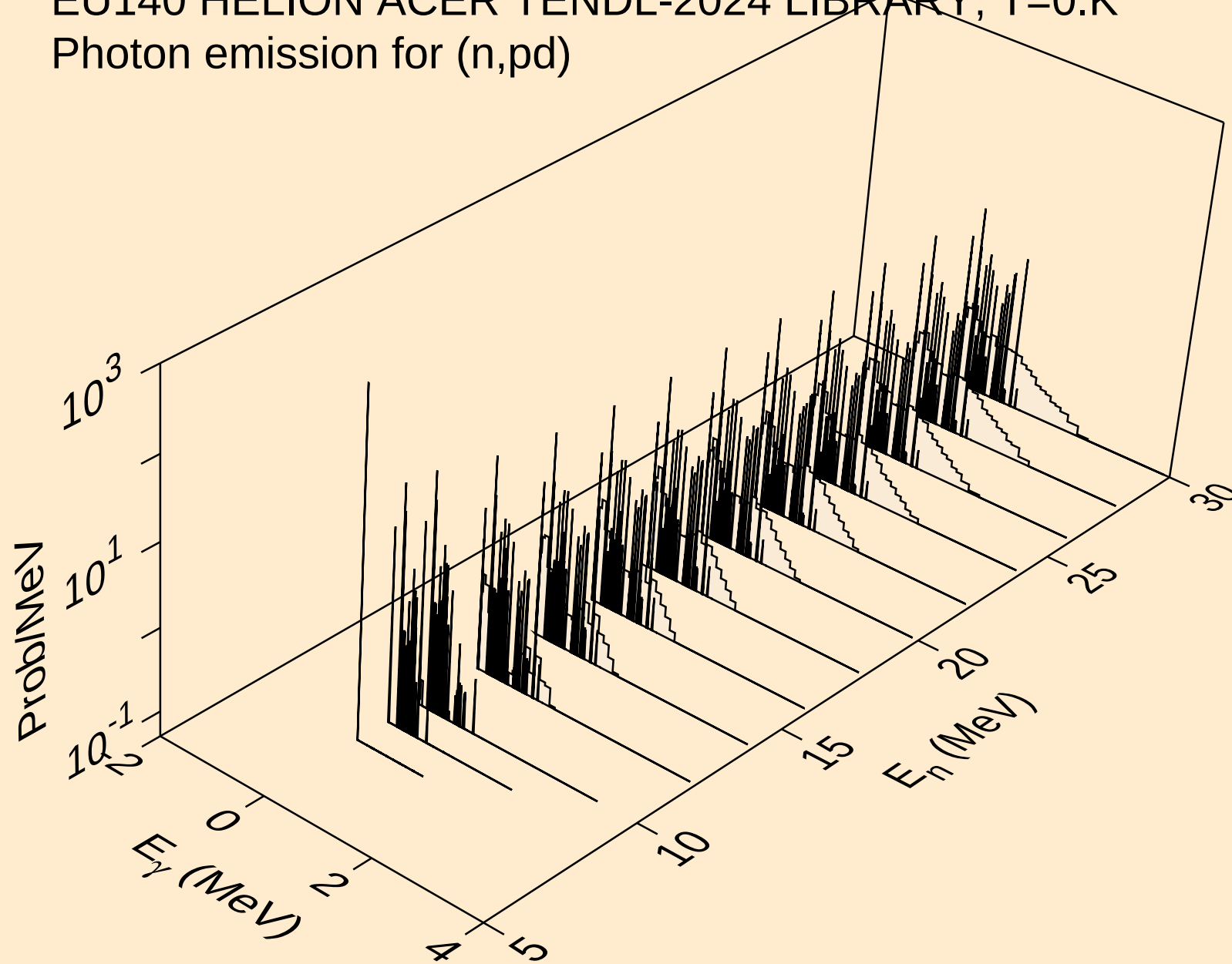


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

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

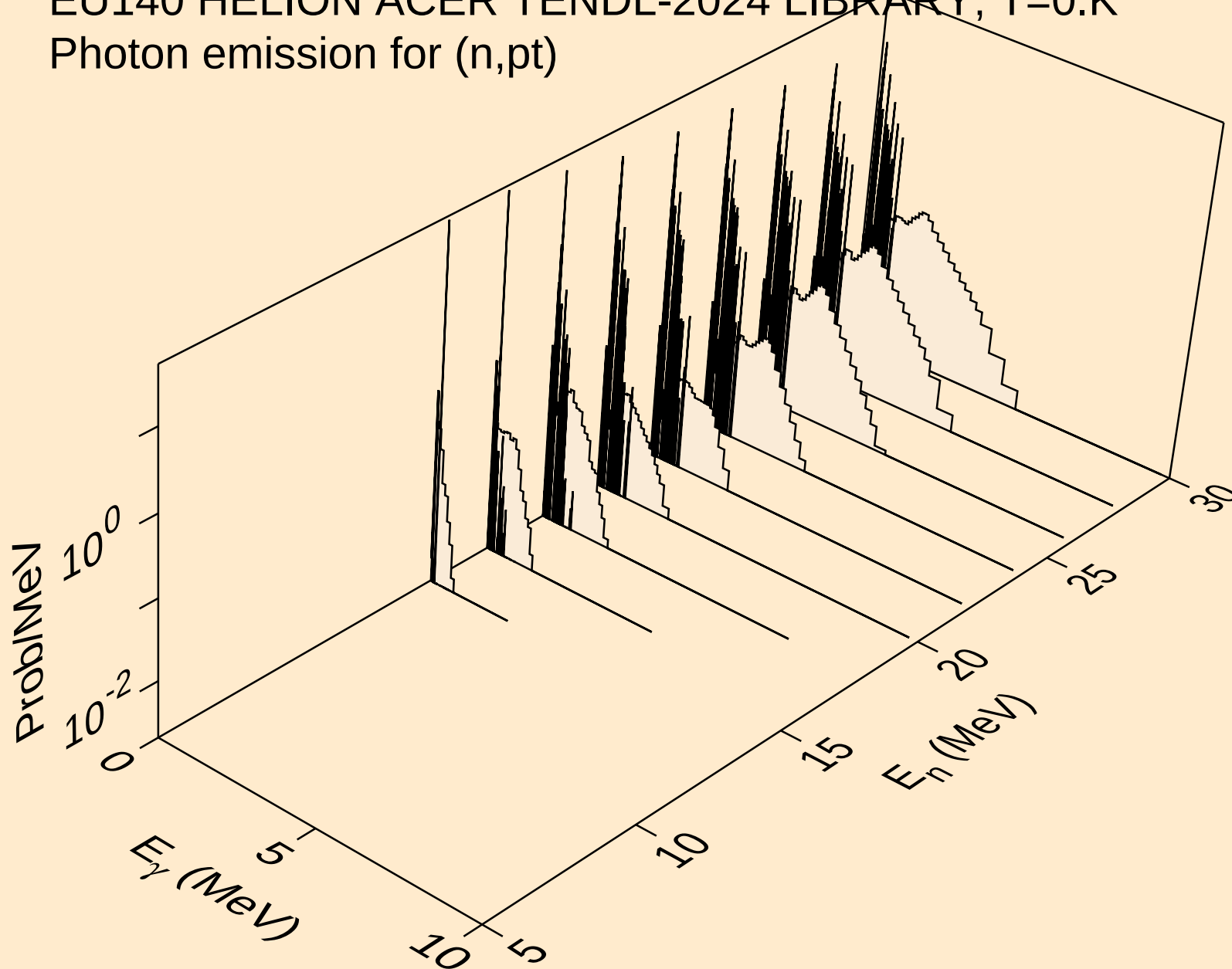


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

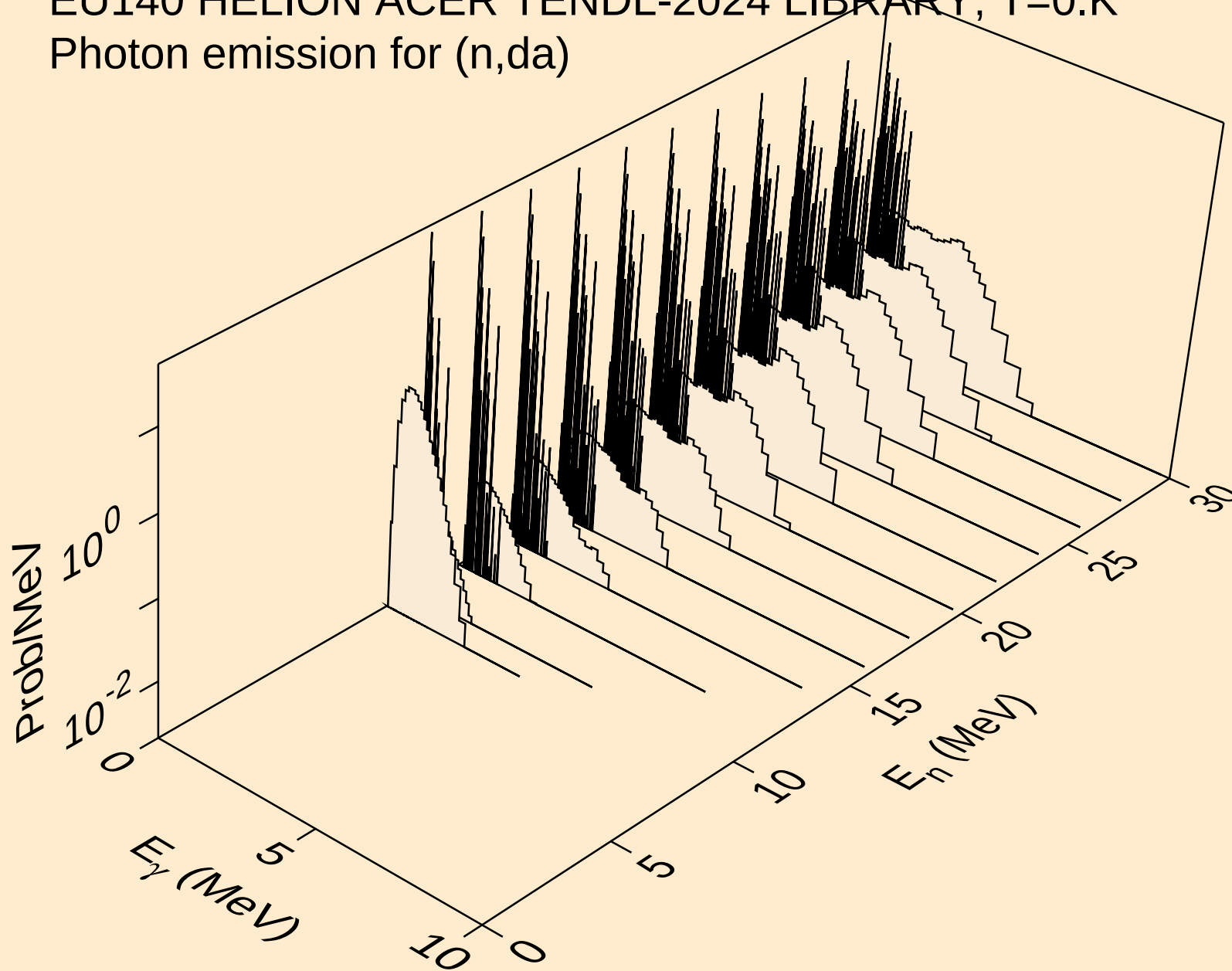


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

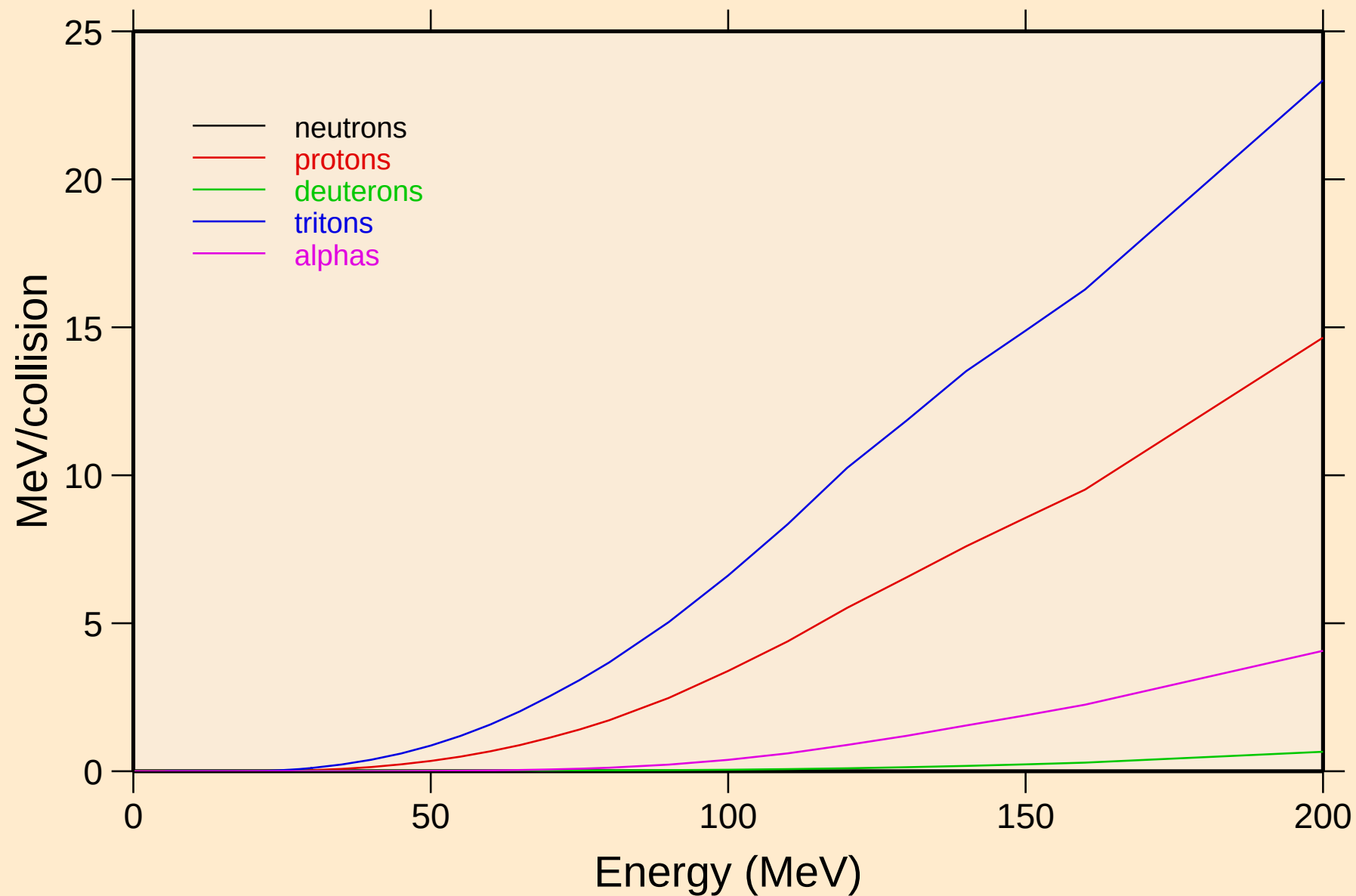


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



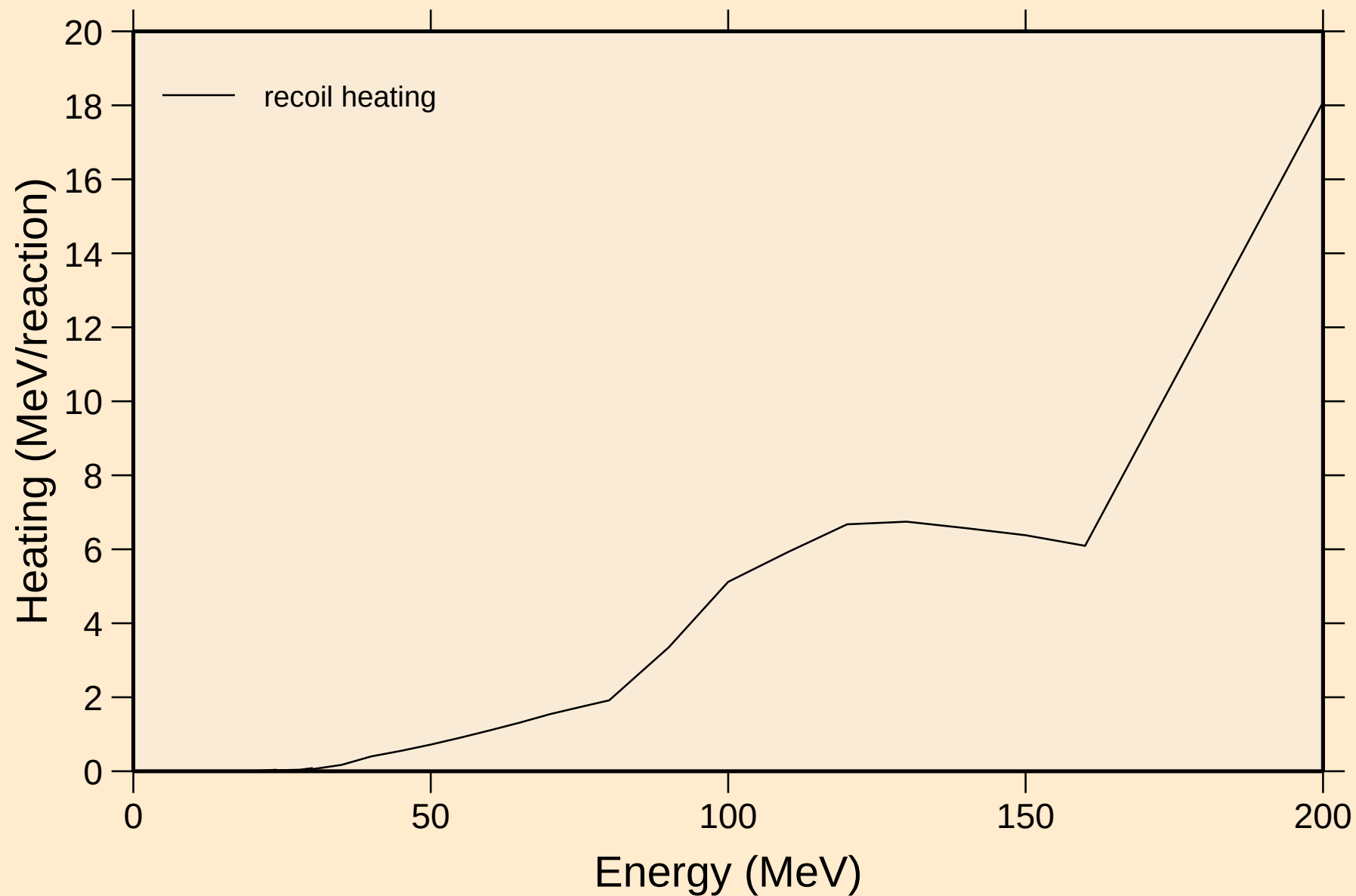
# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



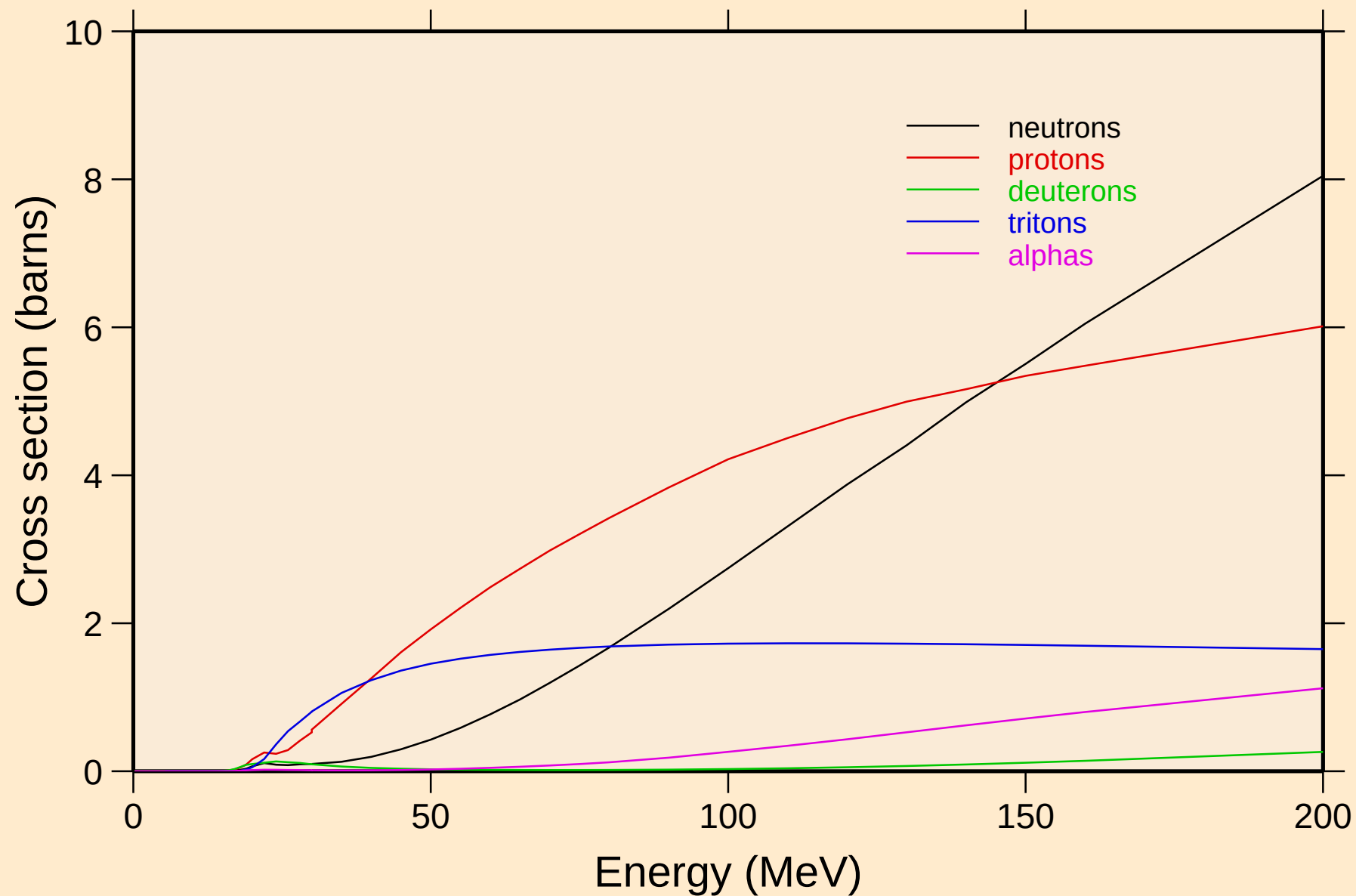
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

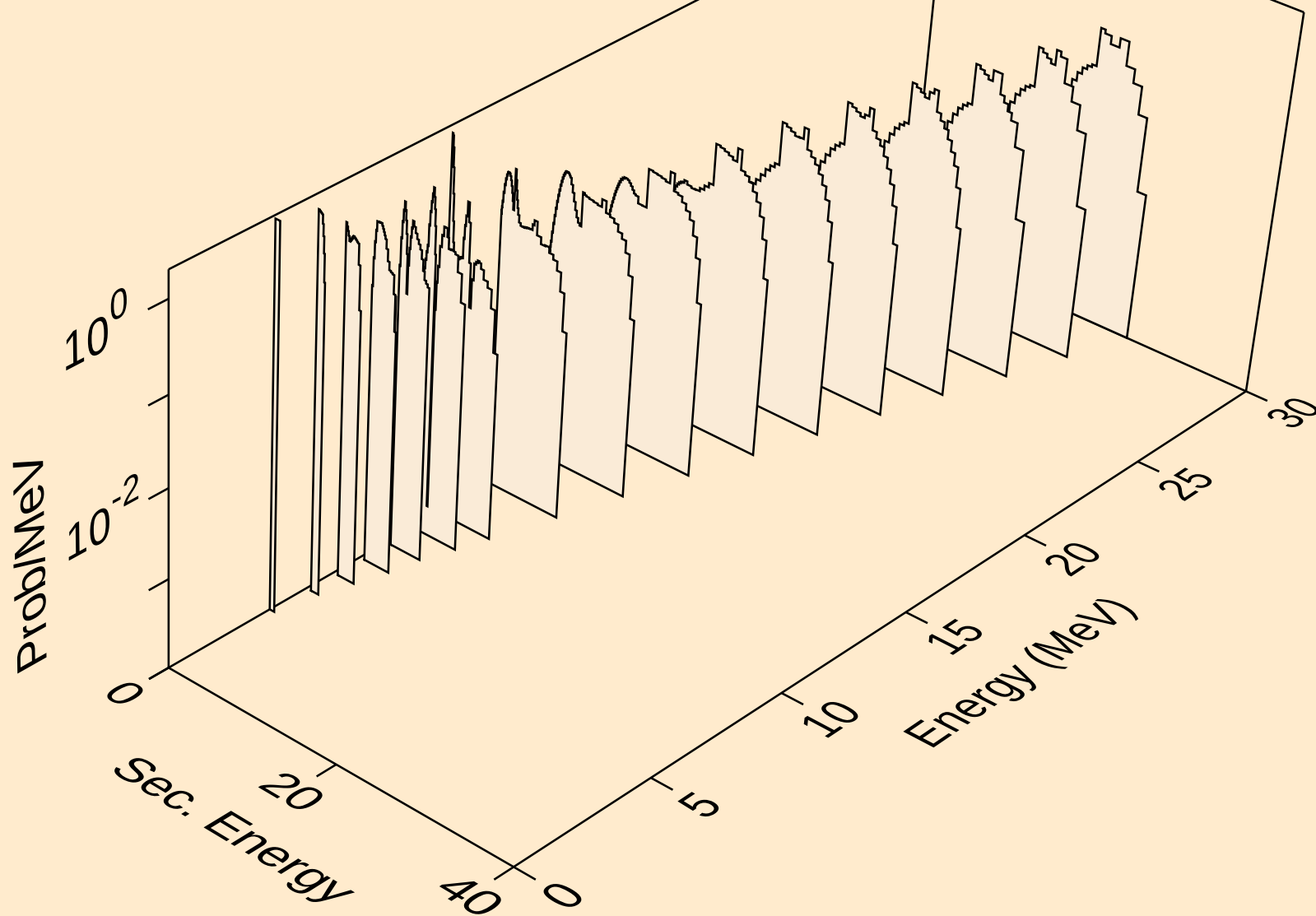


# EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

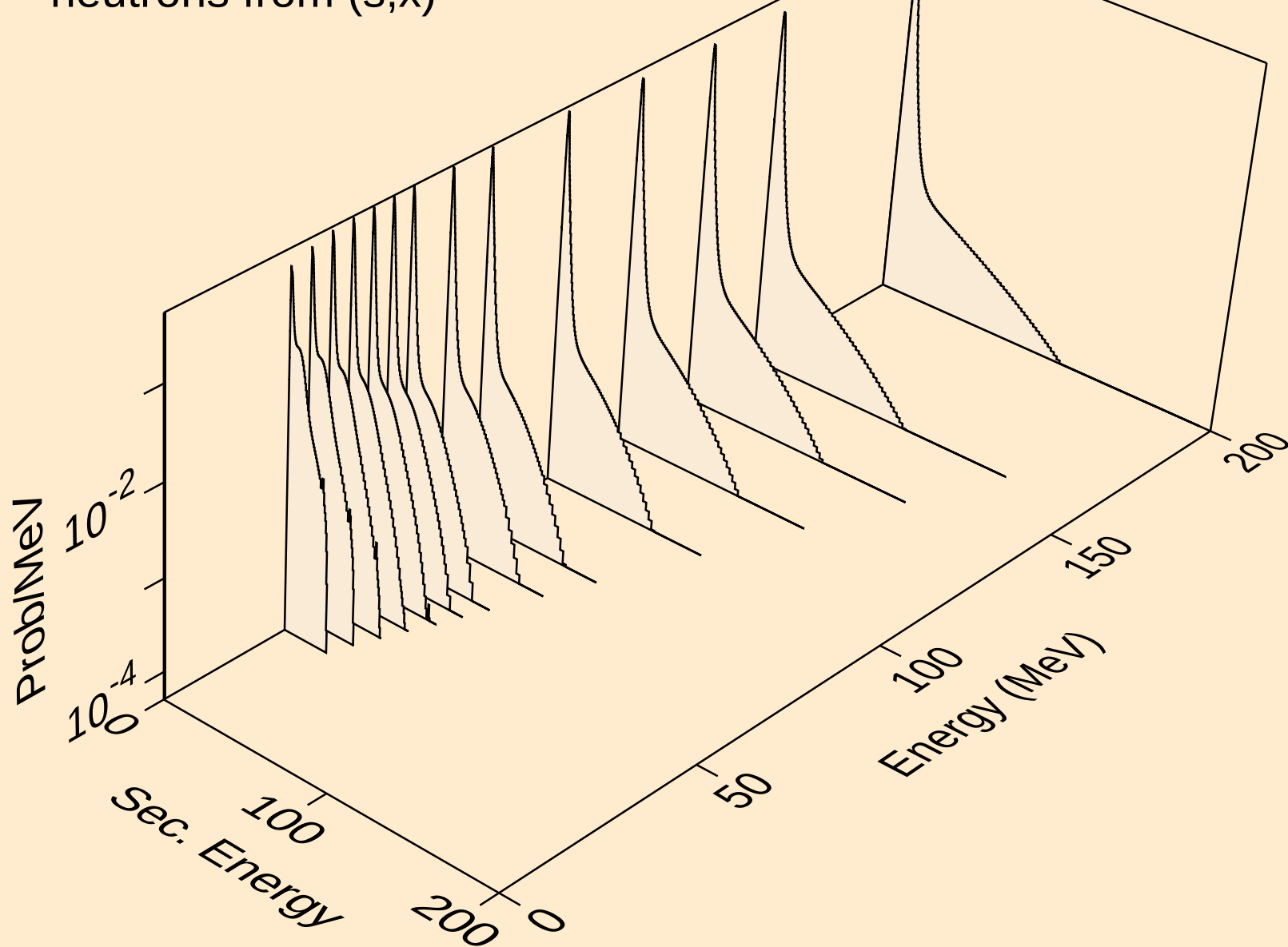


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)

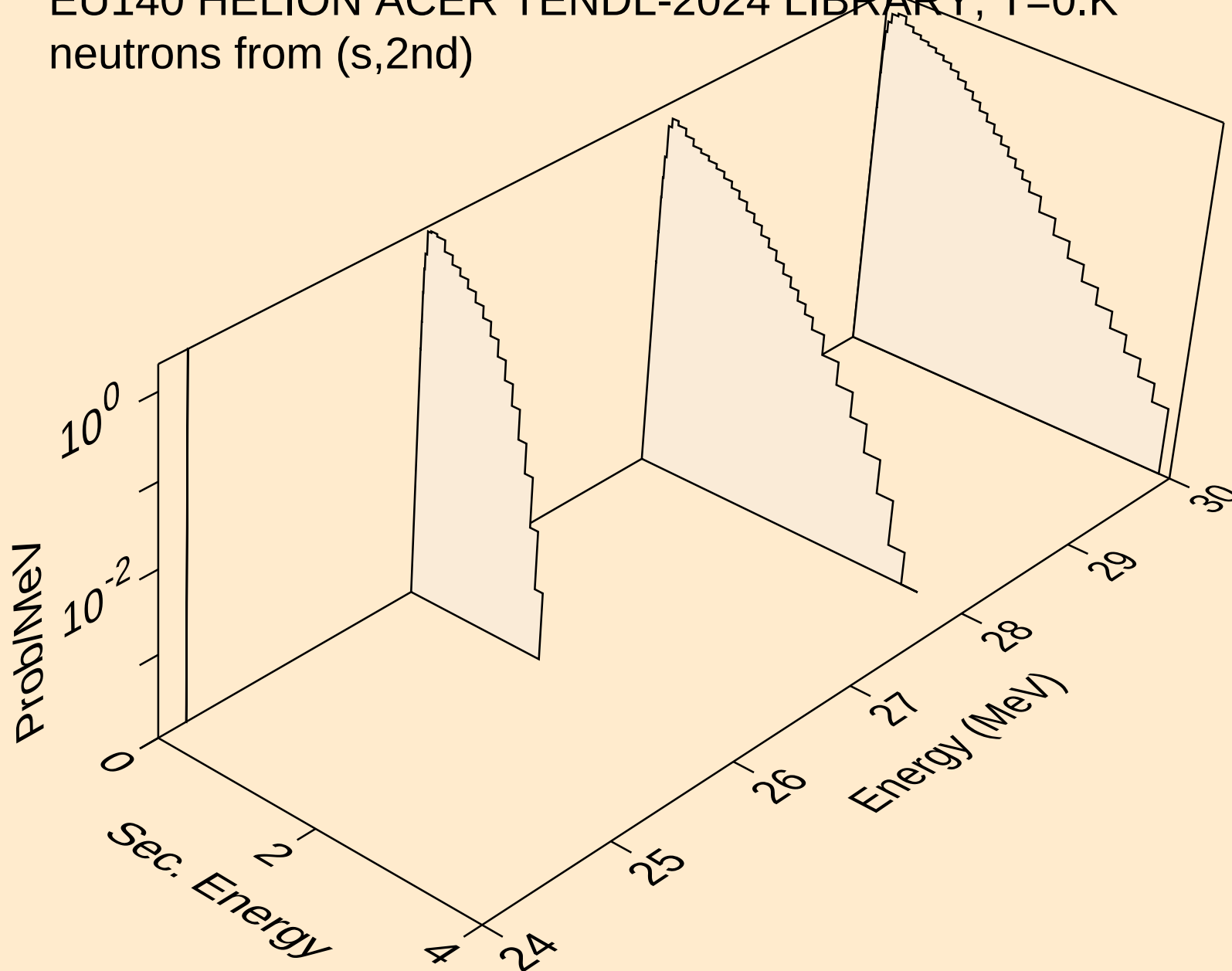




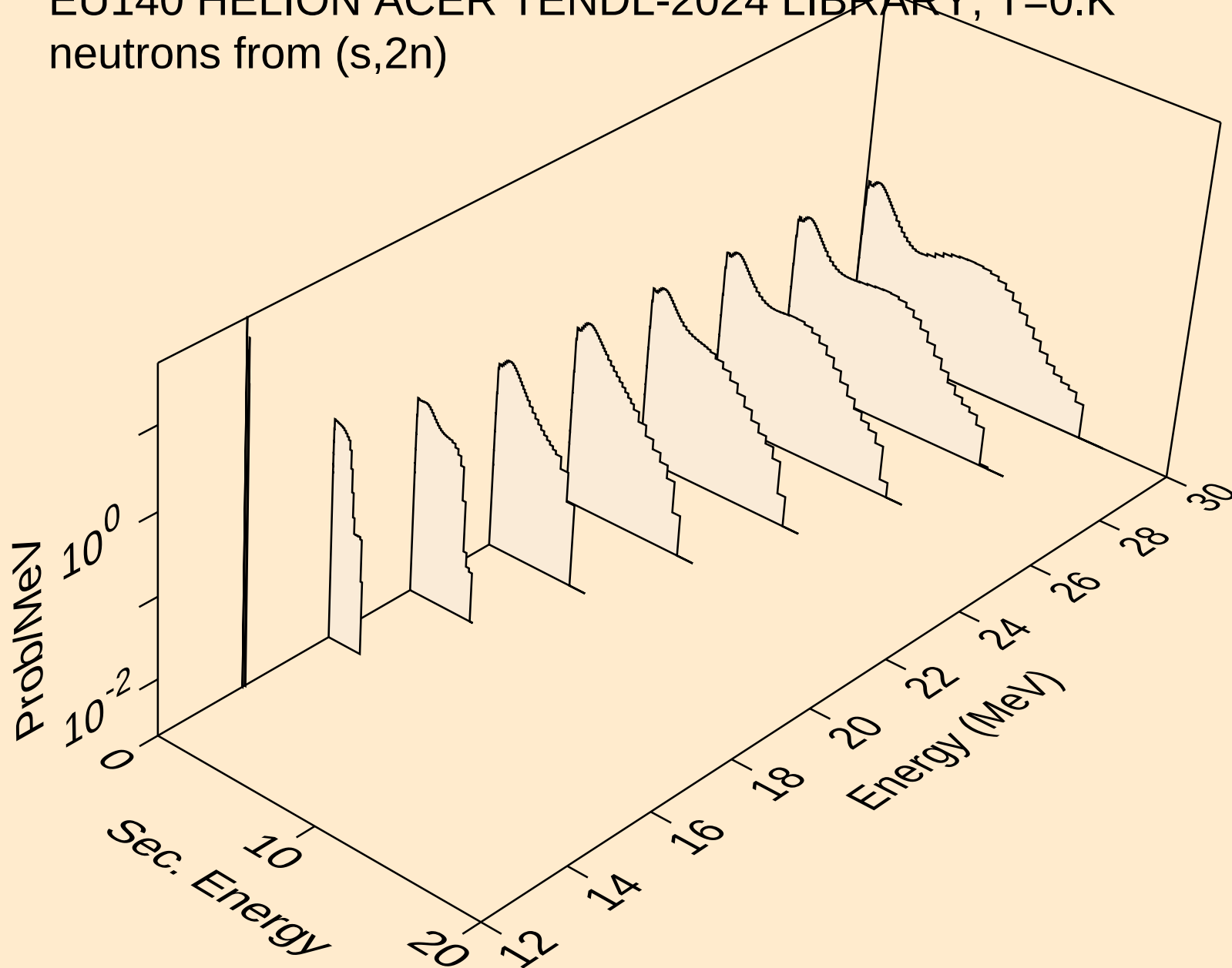
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



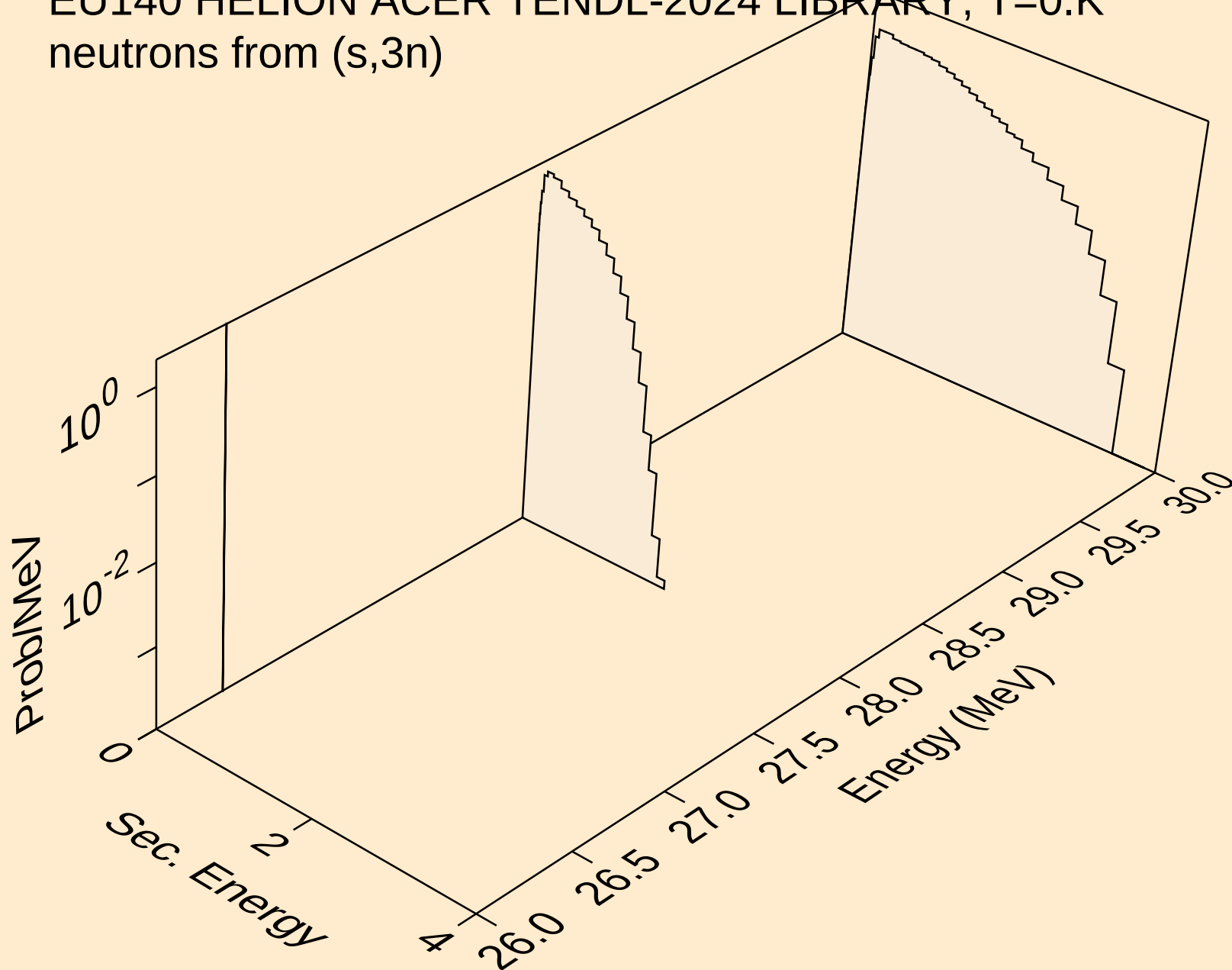
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2nd)



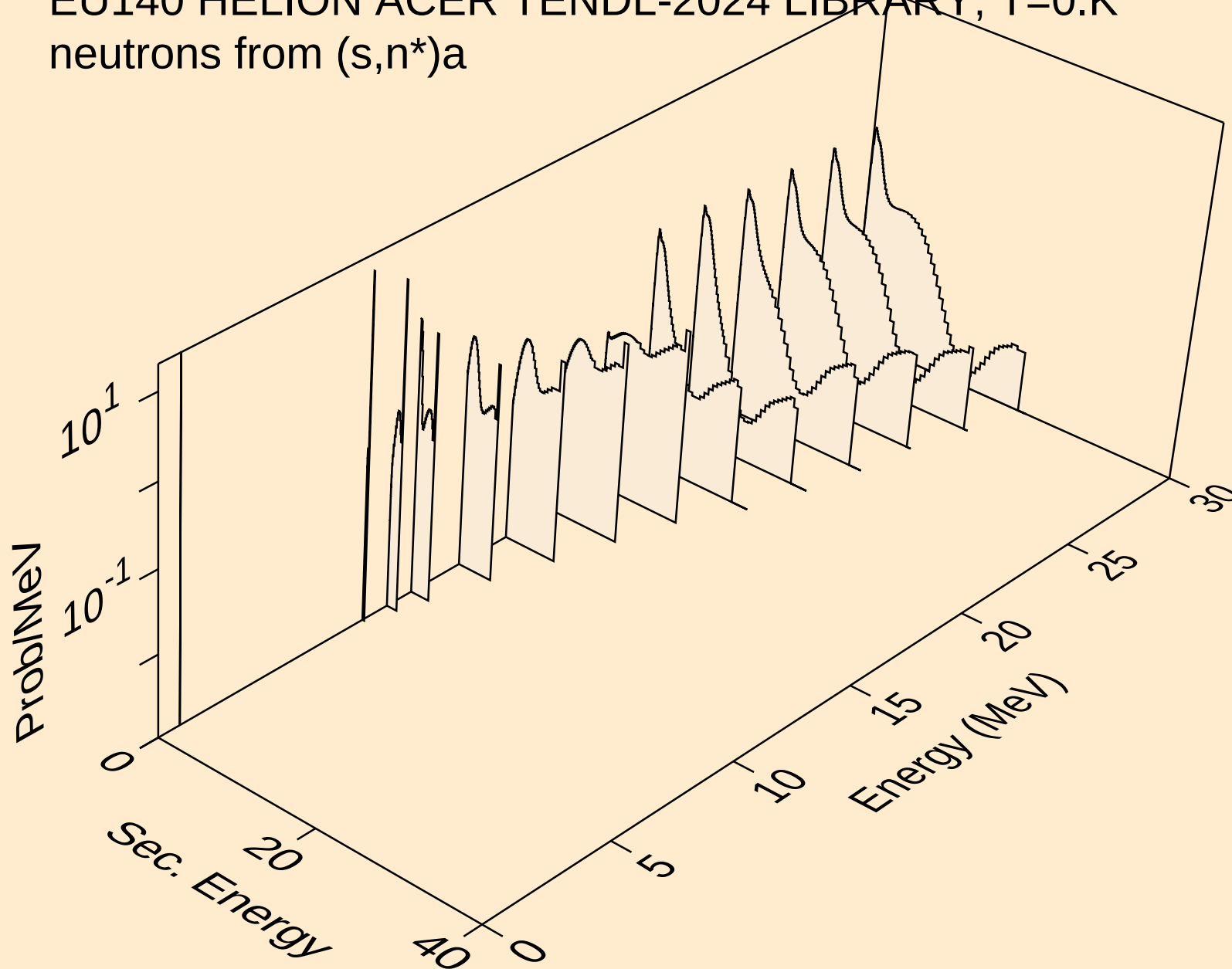
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



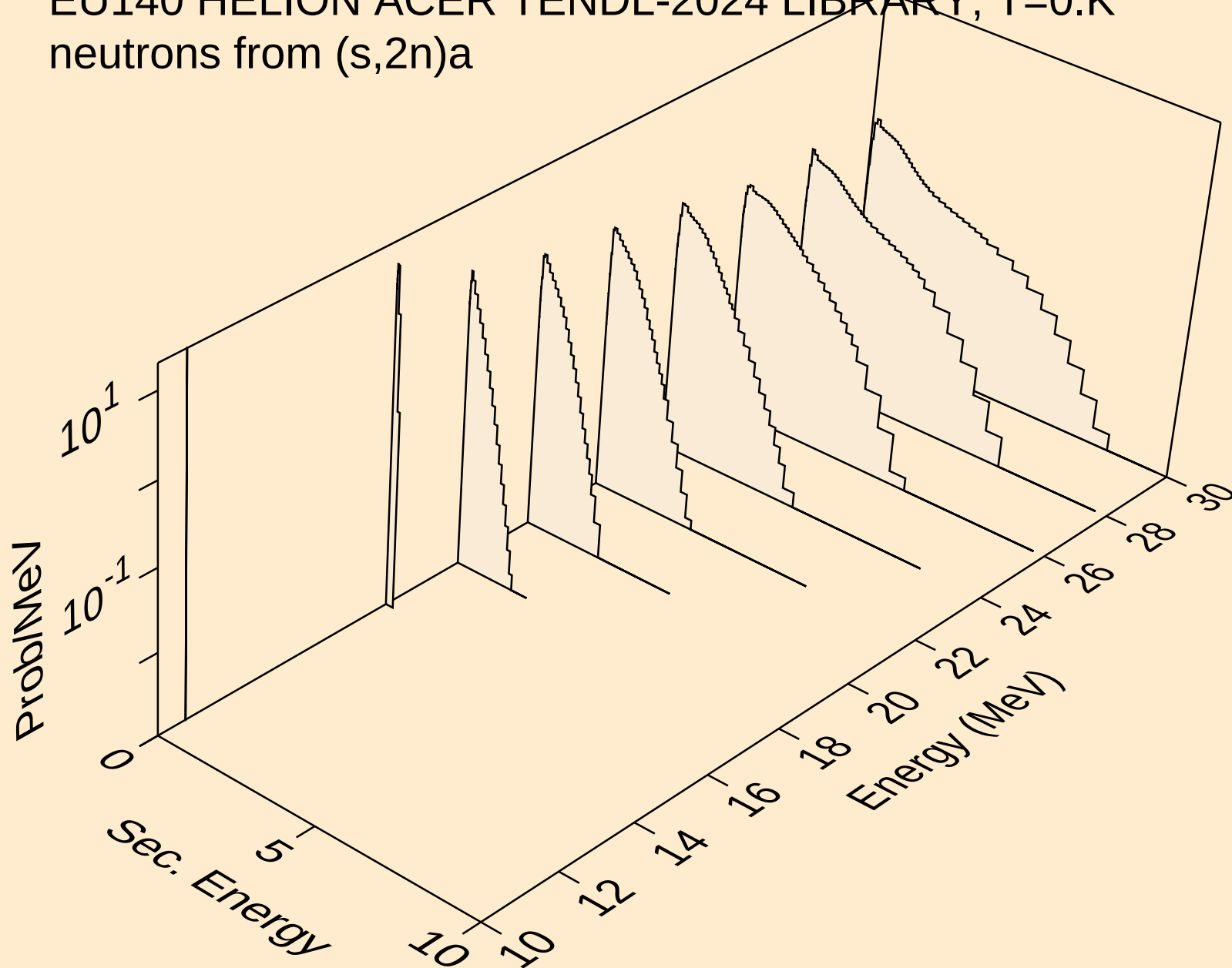
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



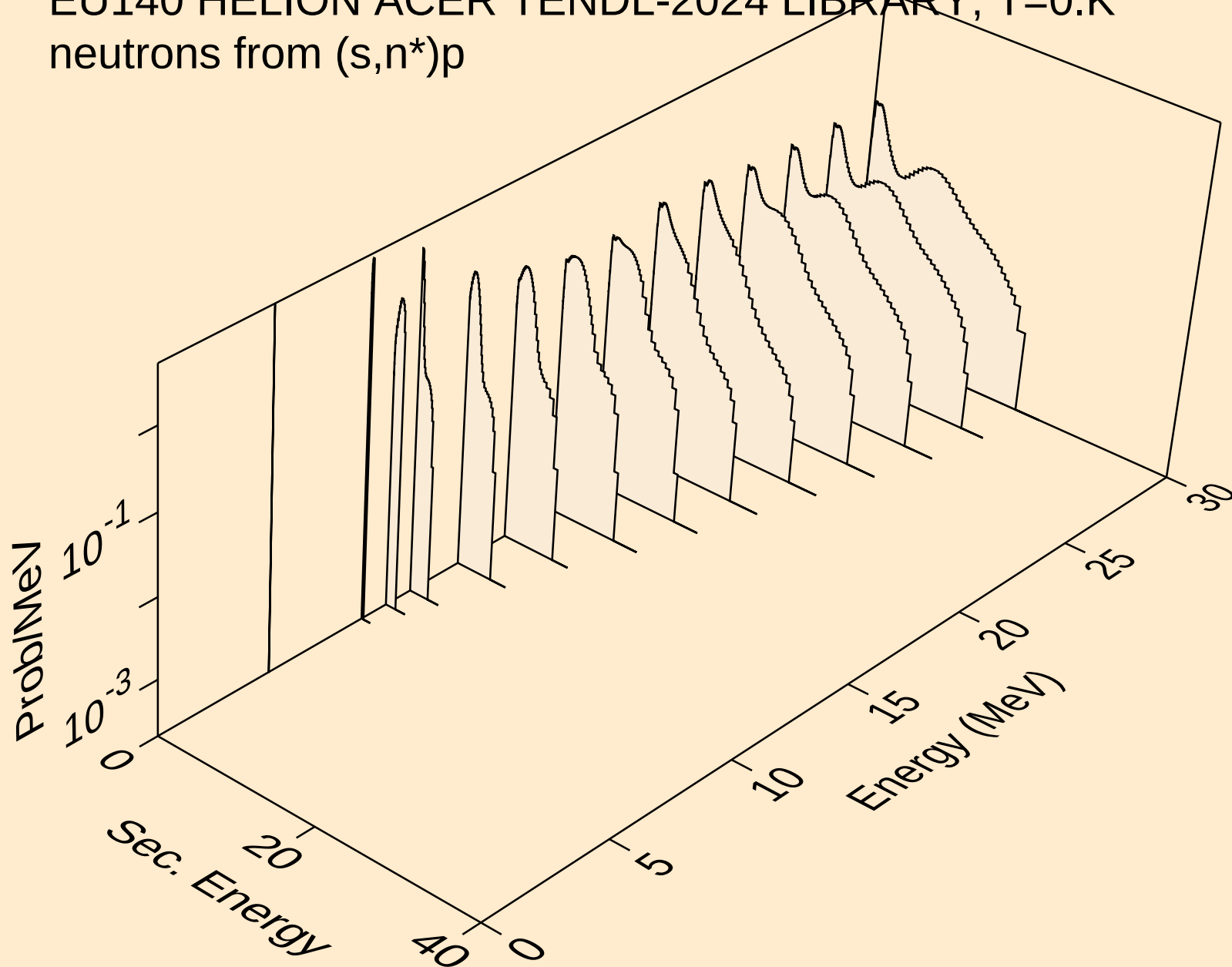
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



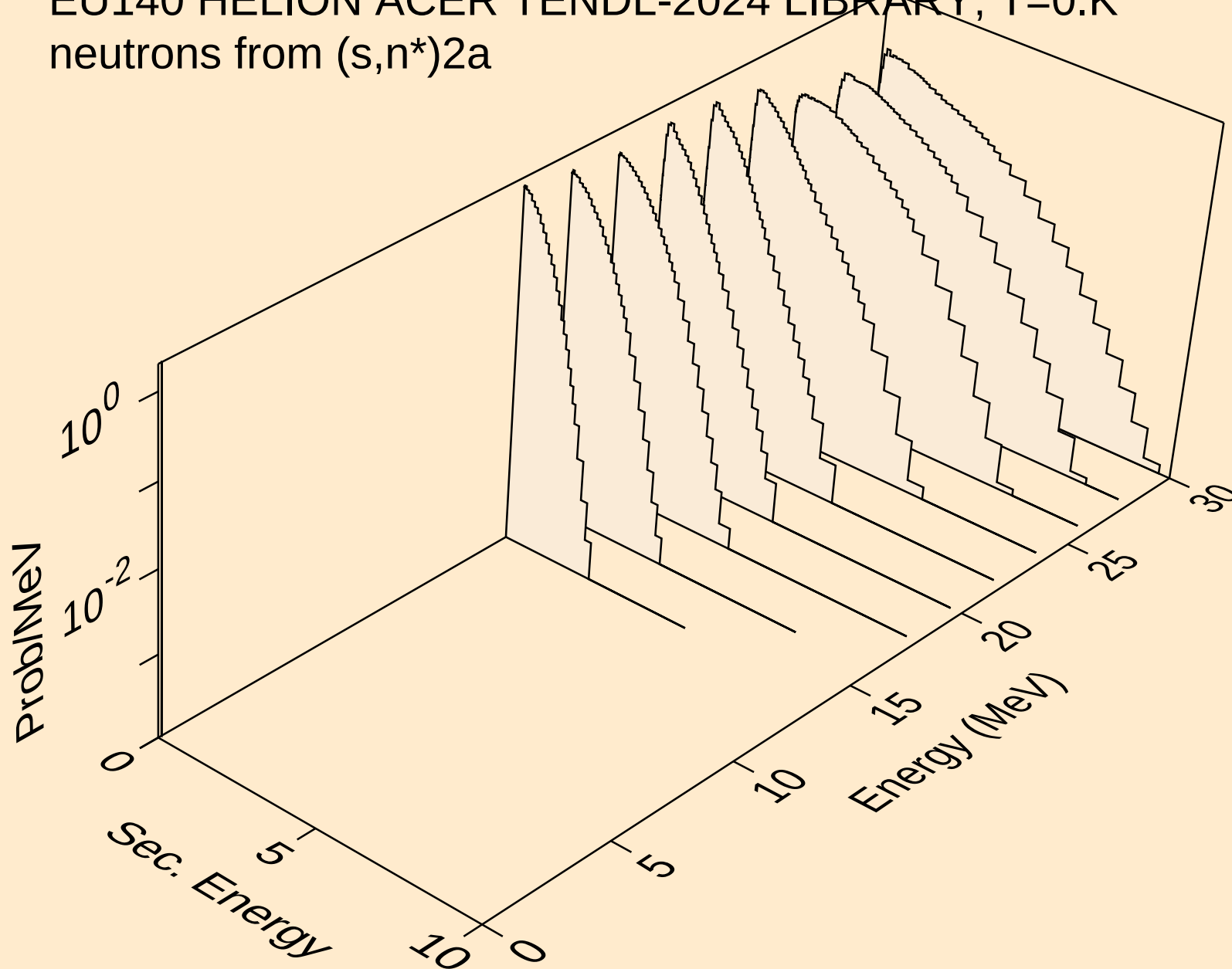
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p

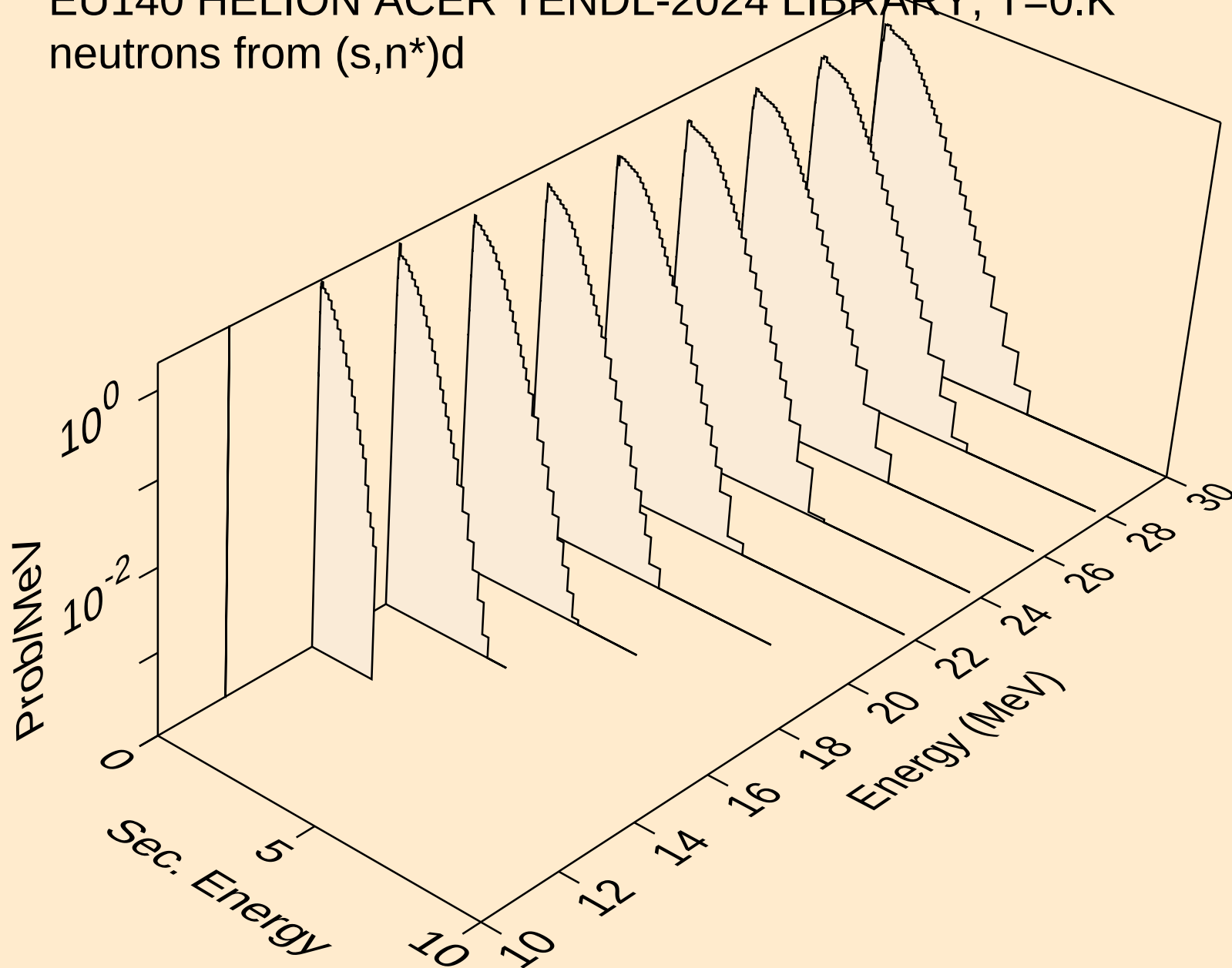


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

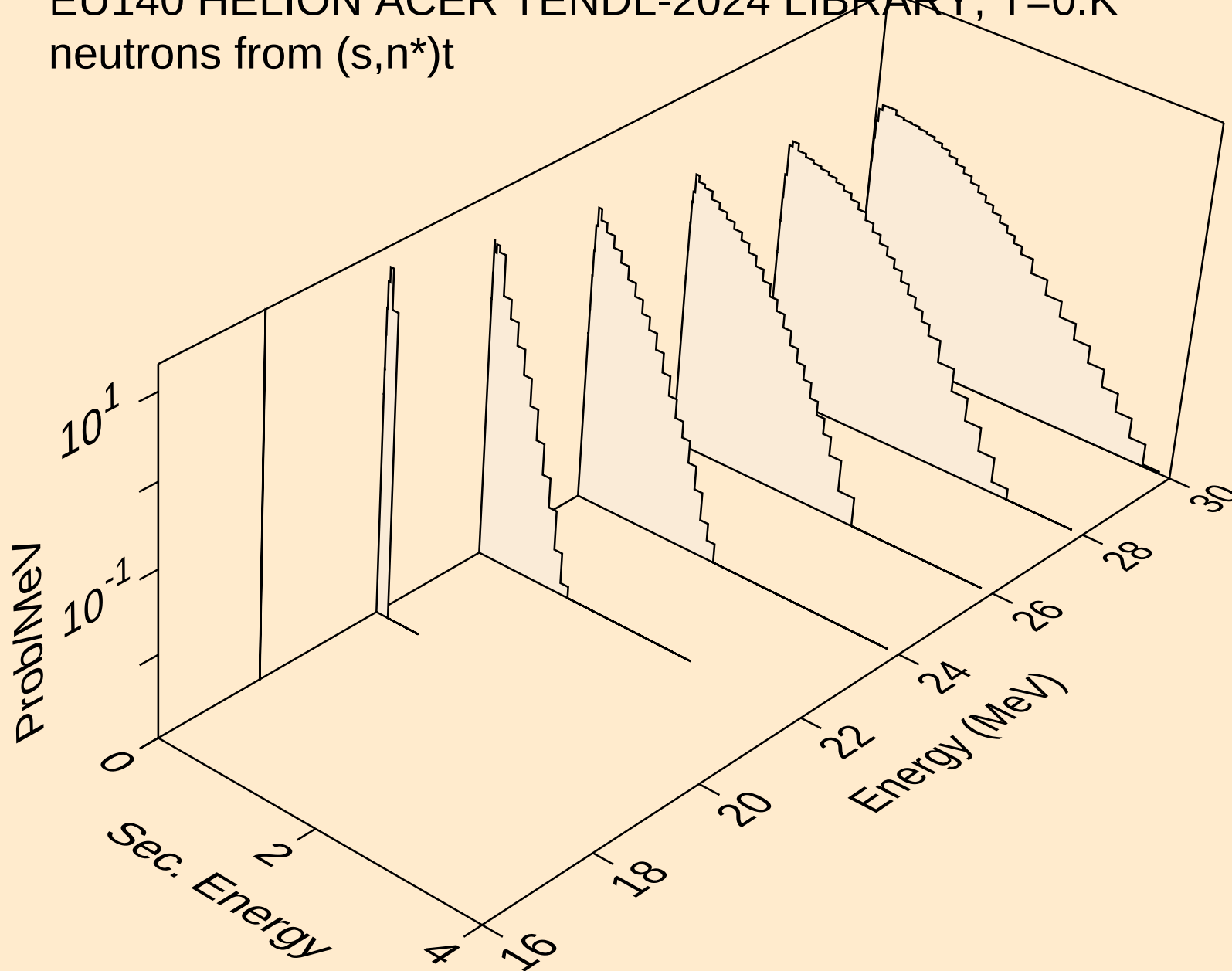




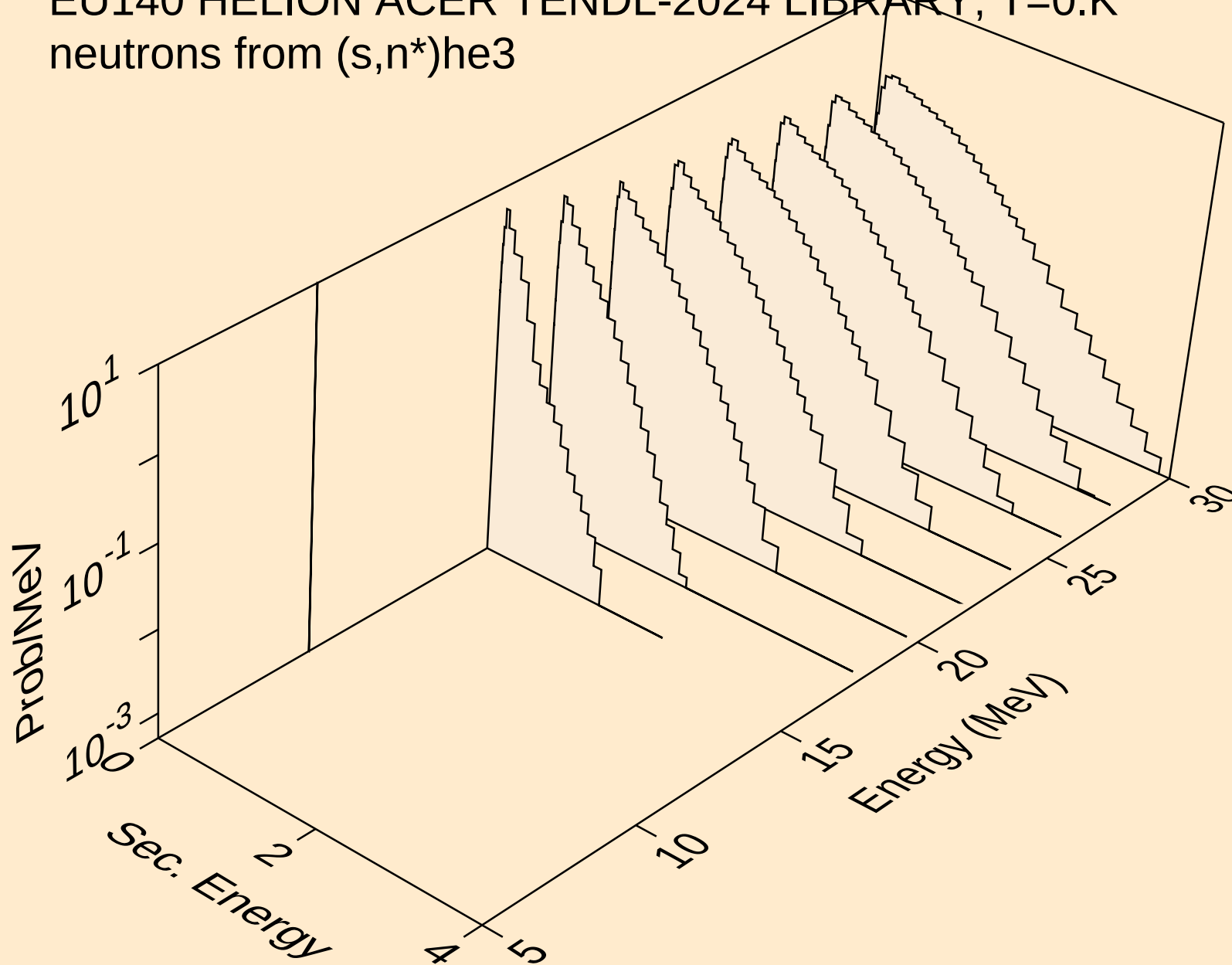
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neutrons from (s,n\*)d



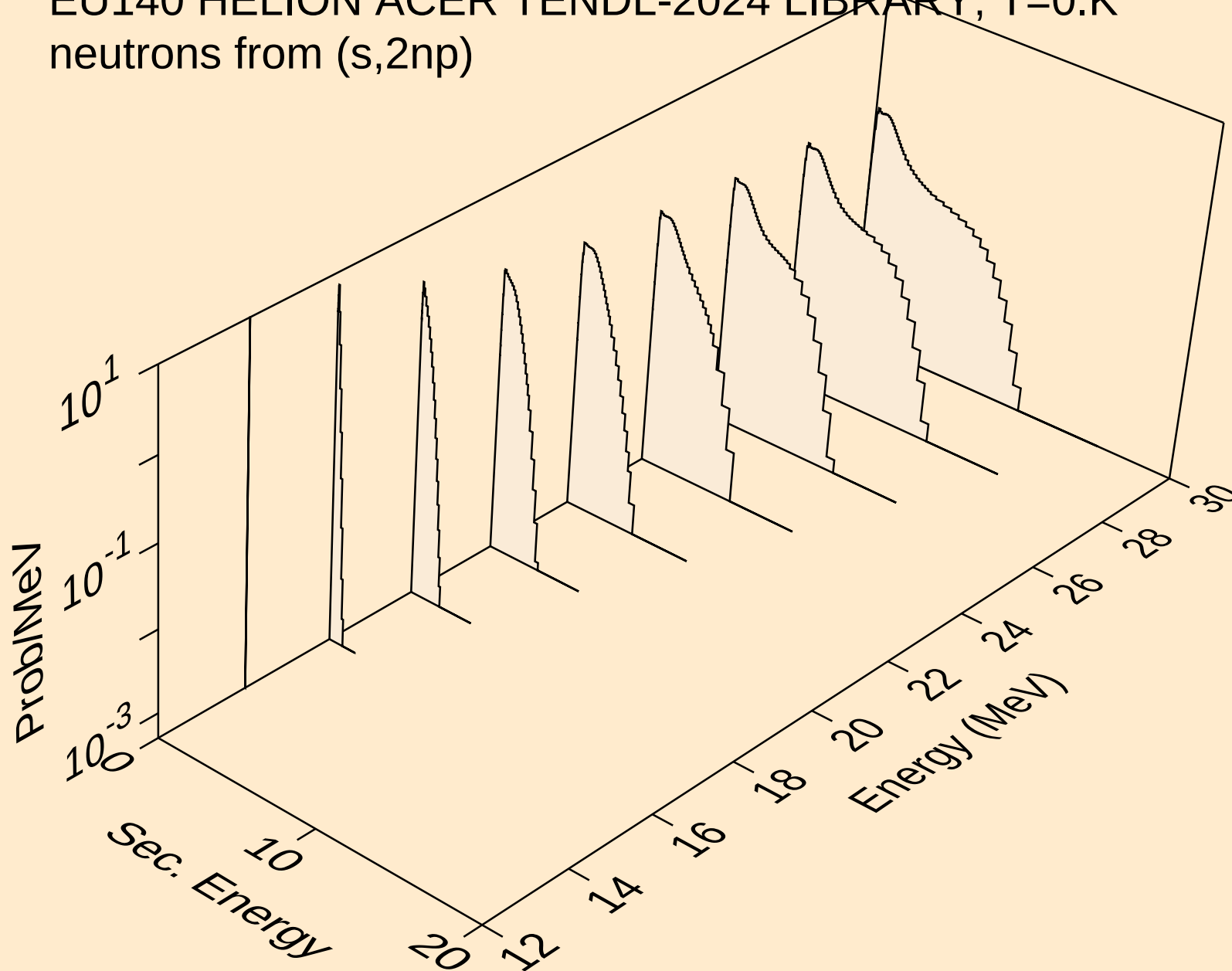
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



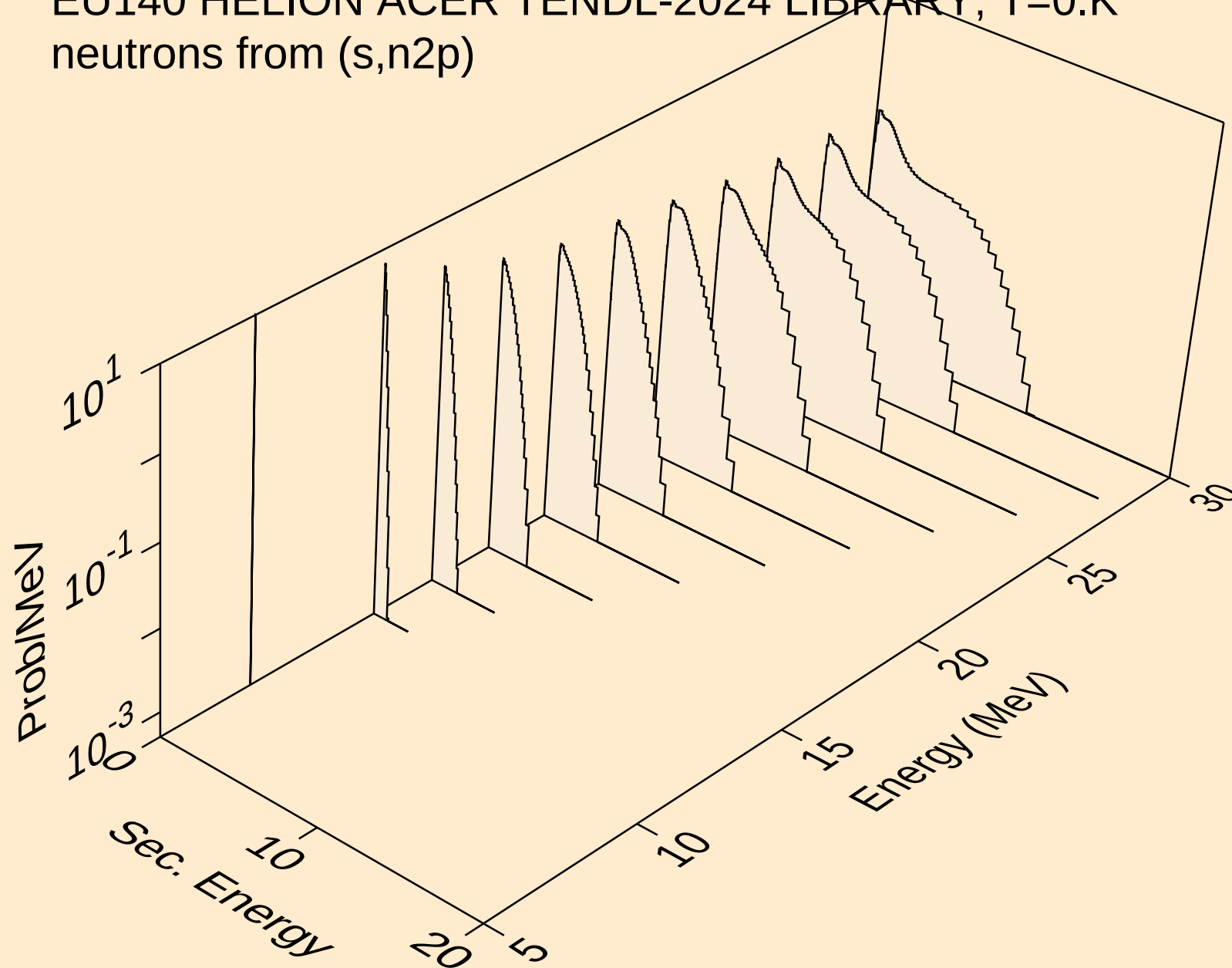
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



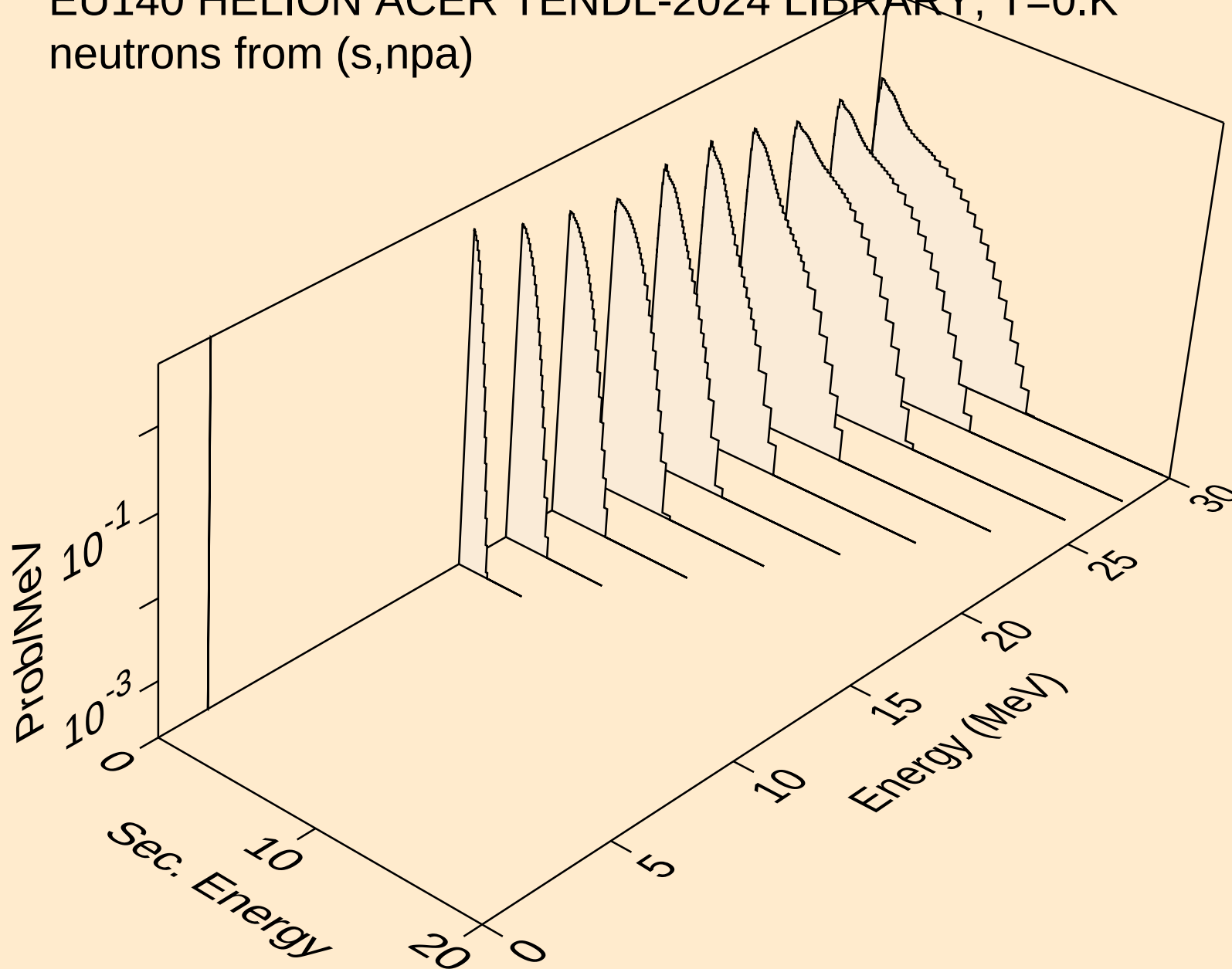
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neutrons from (s,2np)



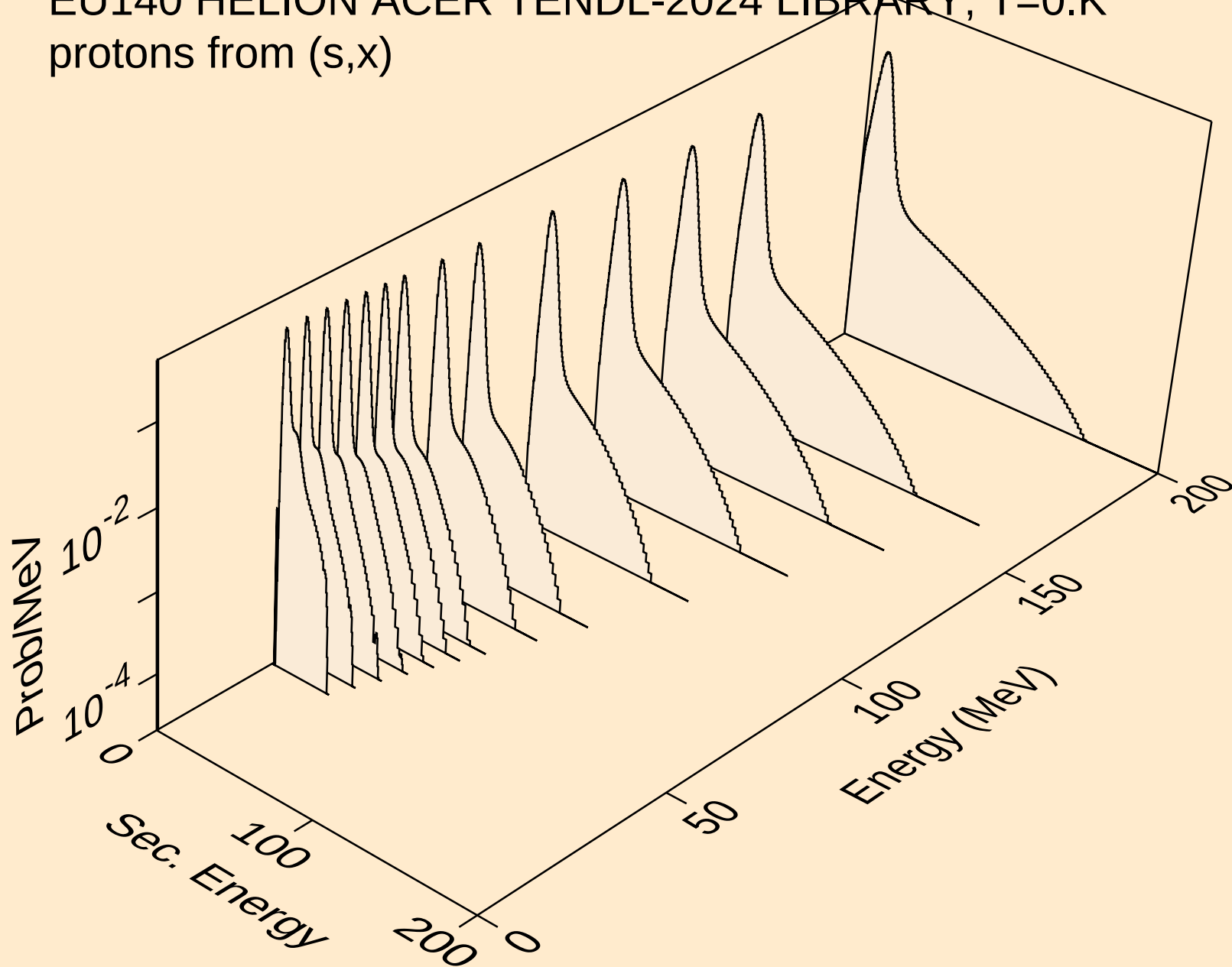
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neutrons from (s,n2p)



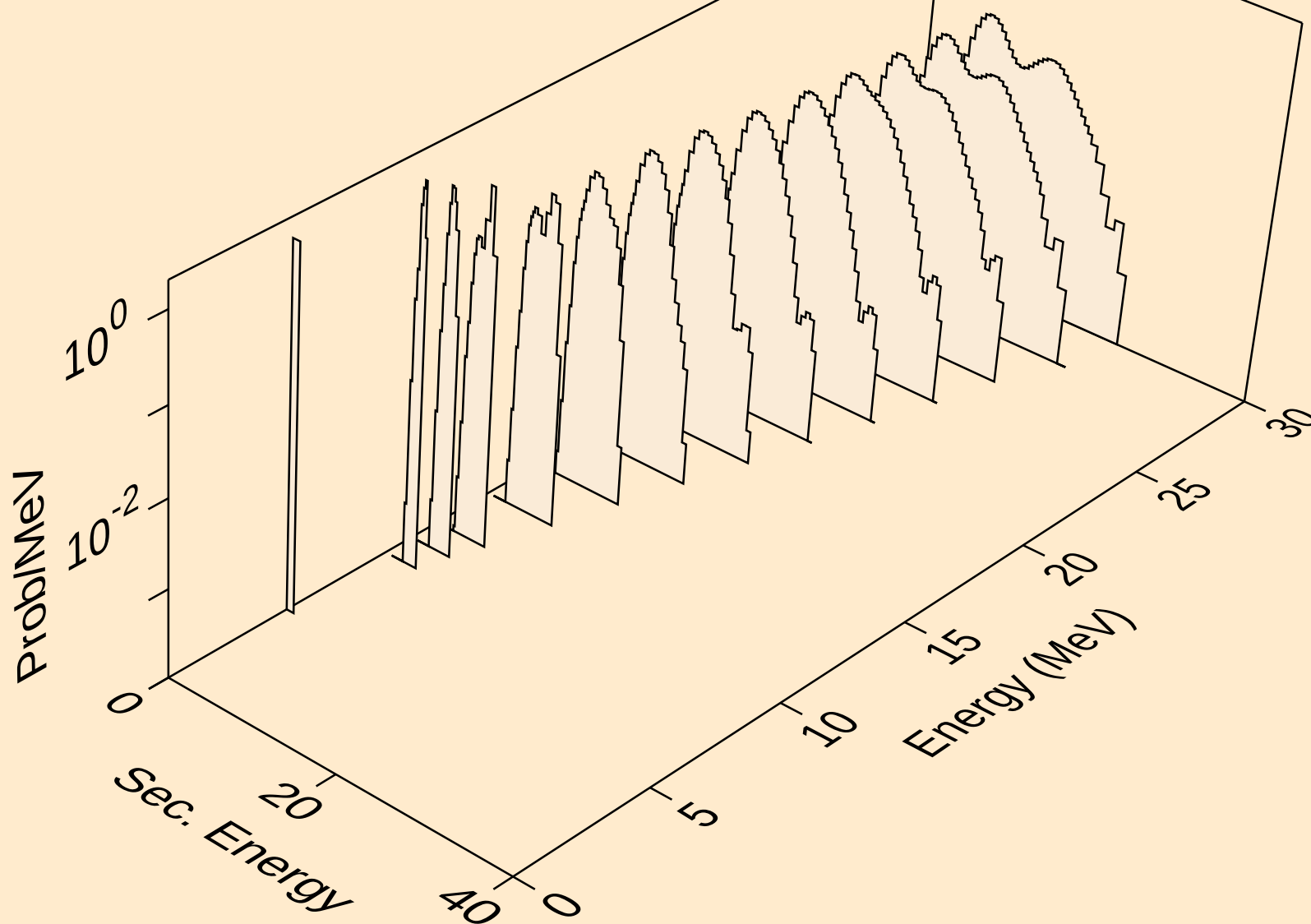
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)

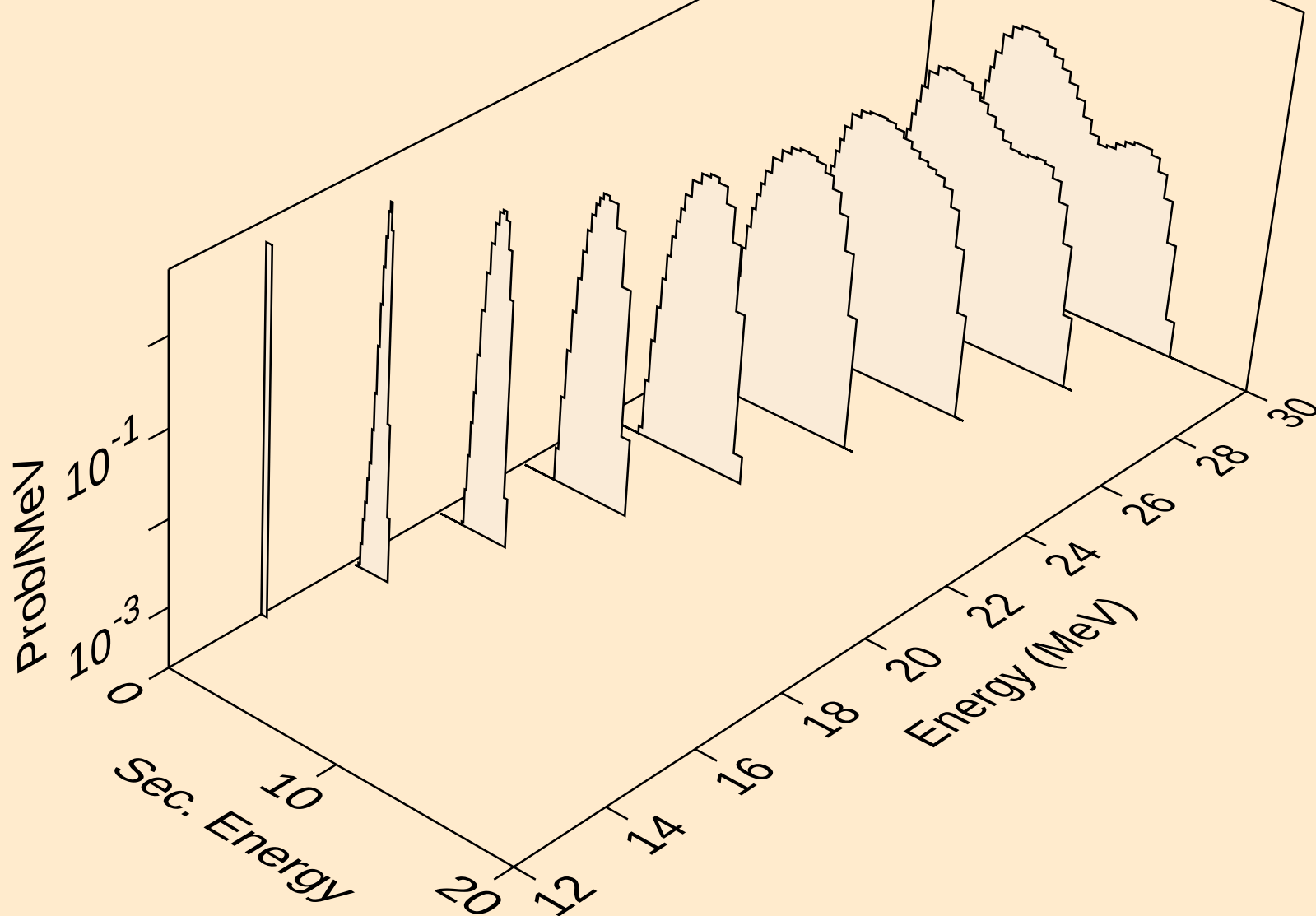


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n\*)p

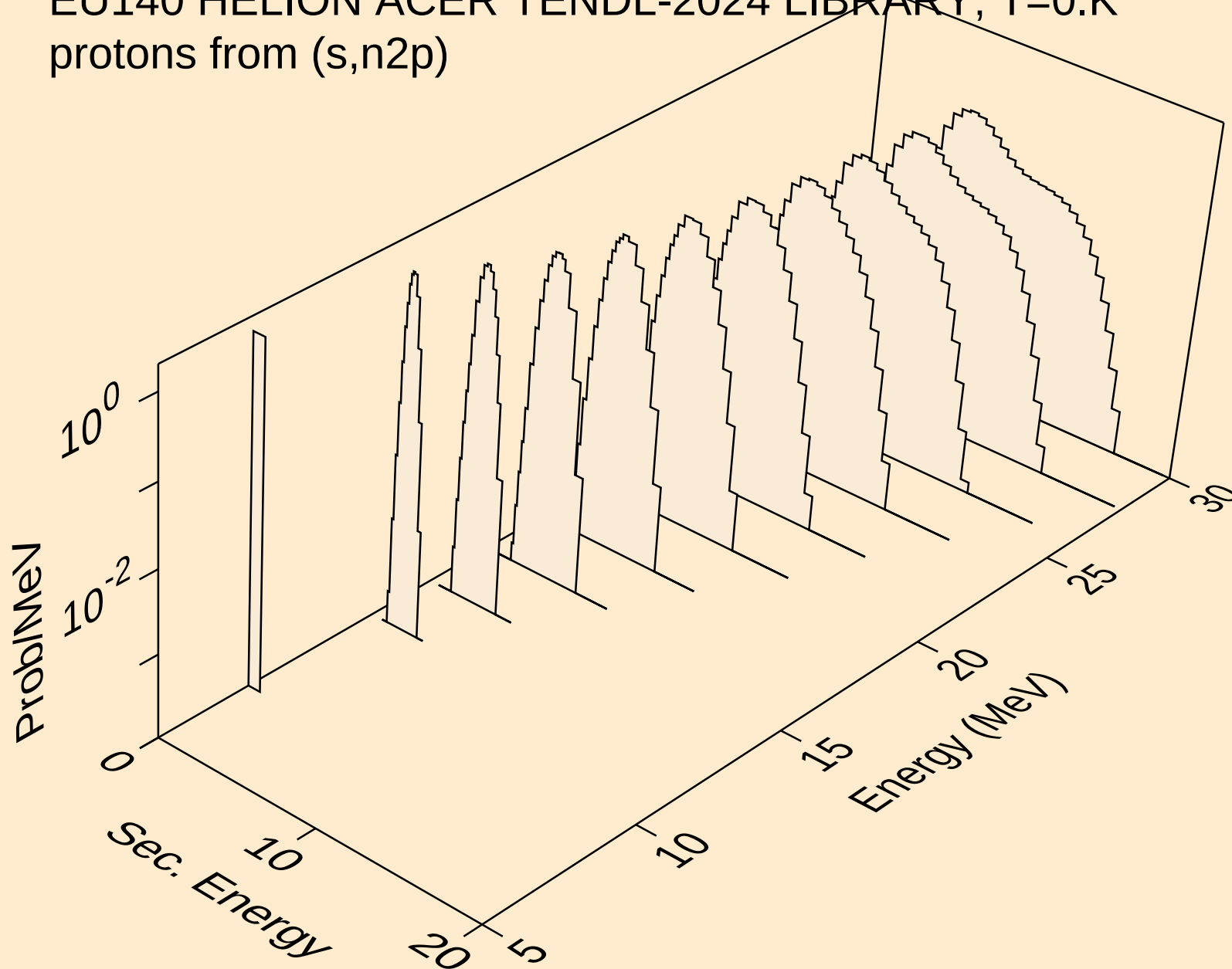




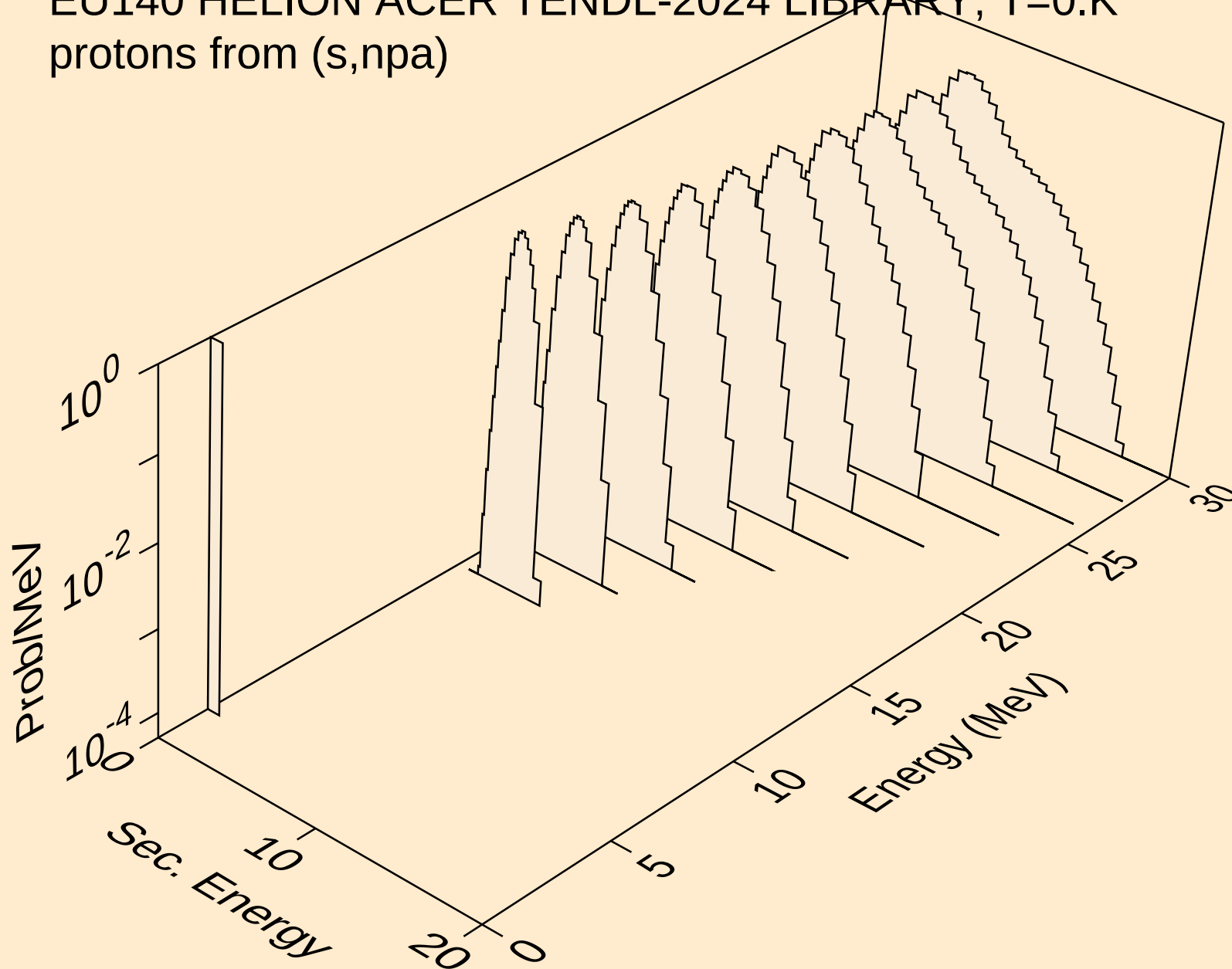
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2np)



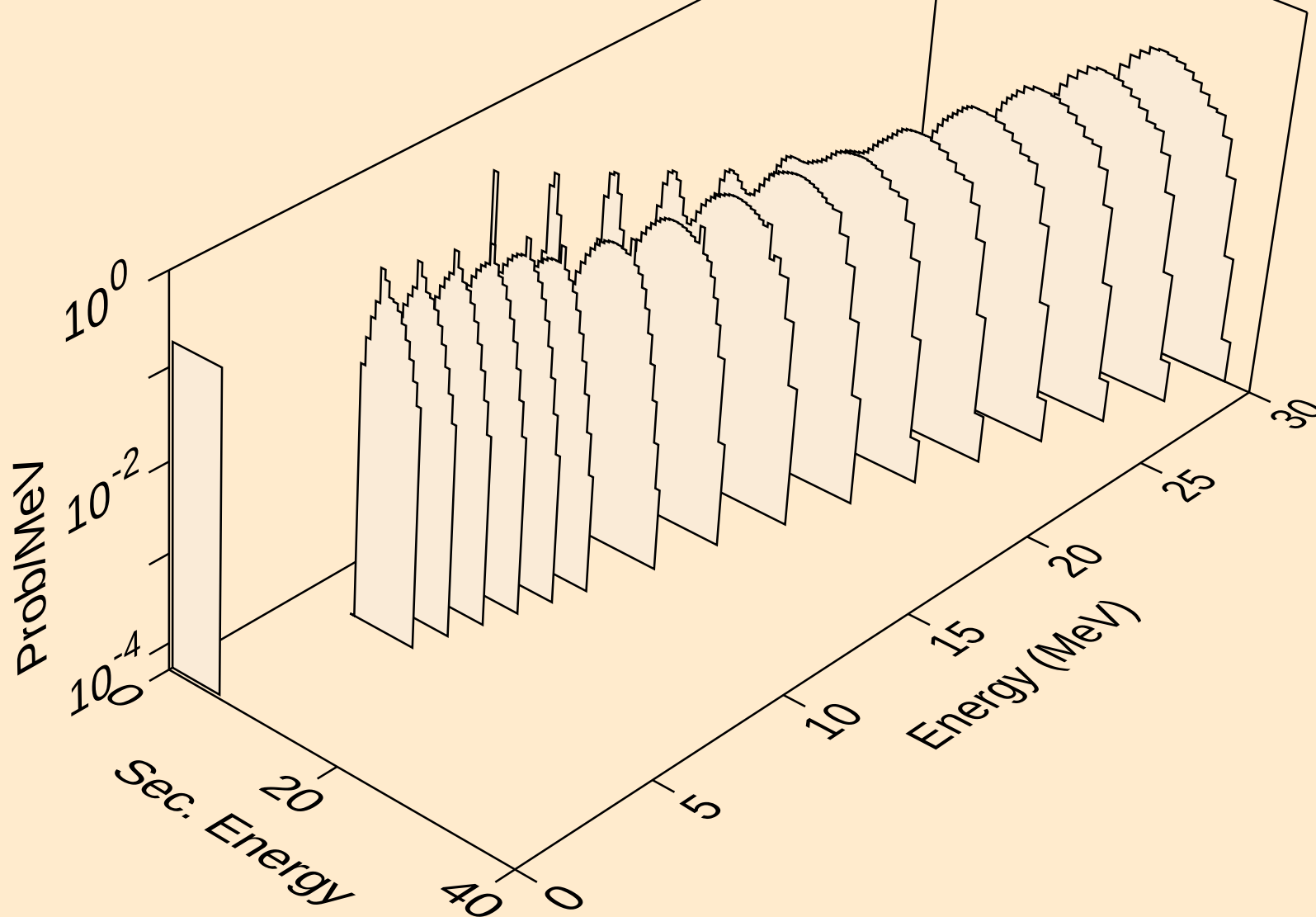
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protons from (s,n2p)



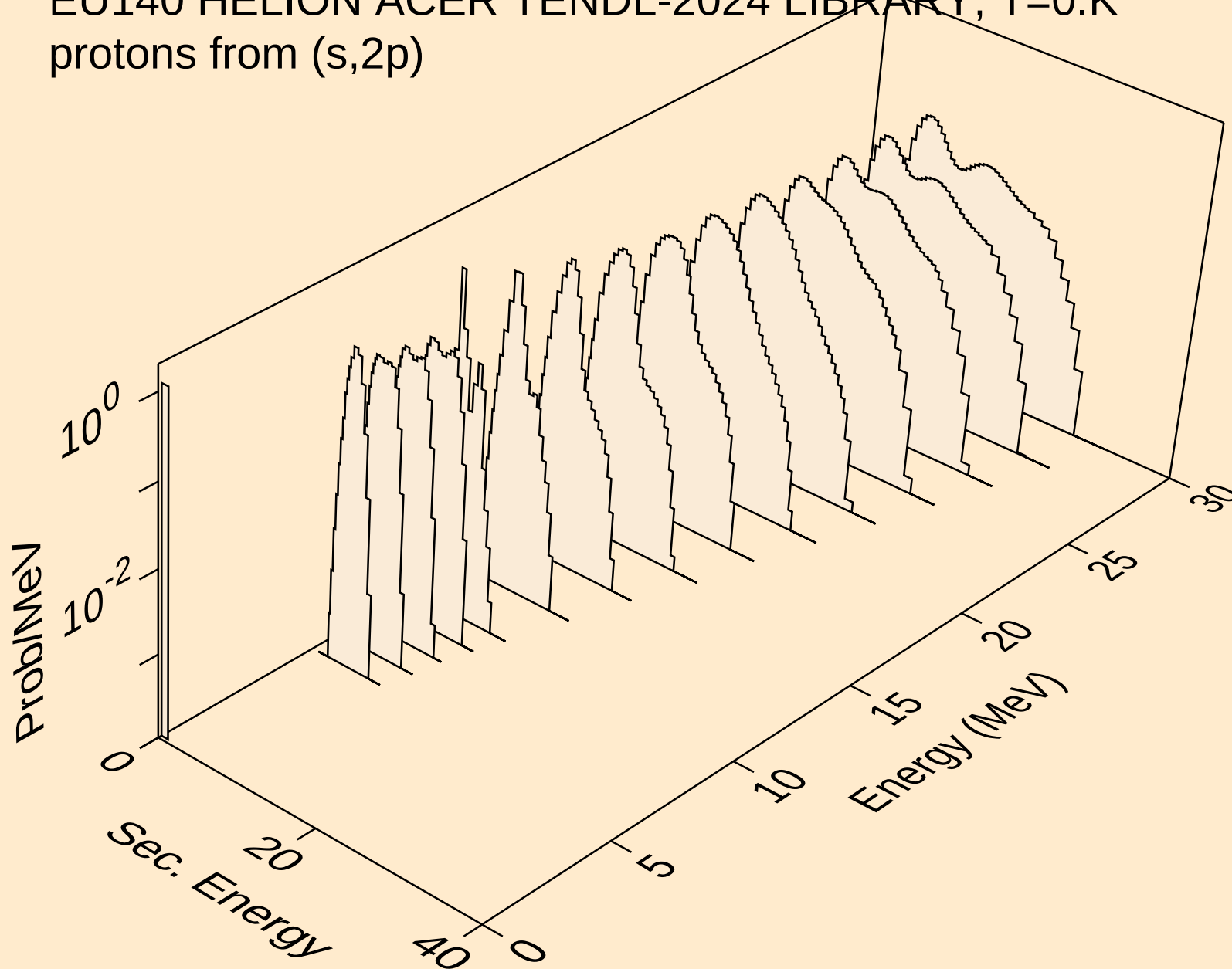
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protons from (s,npa)



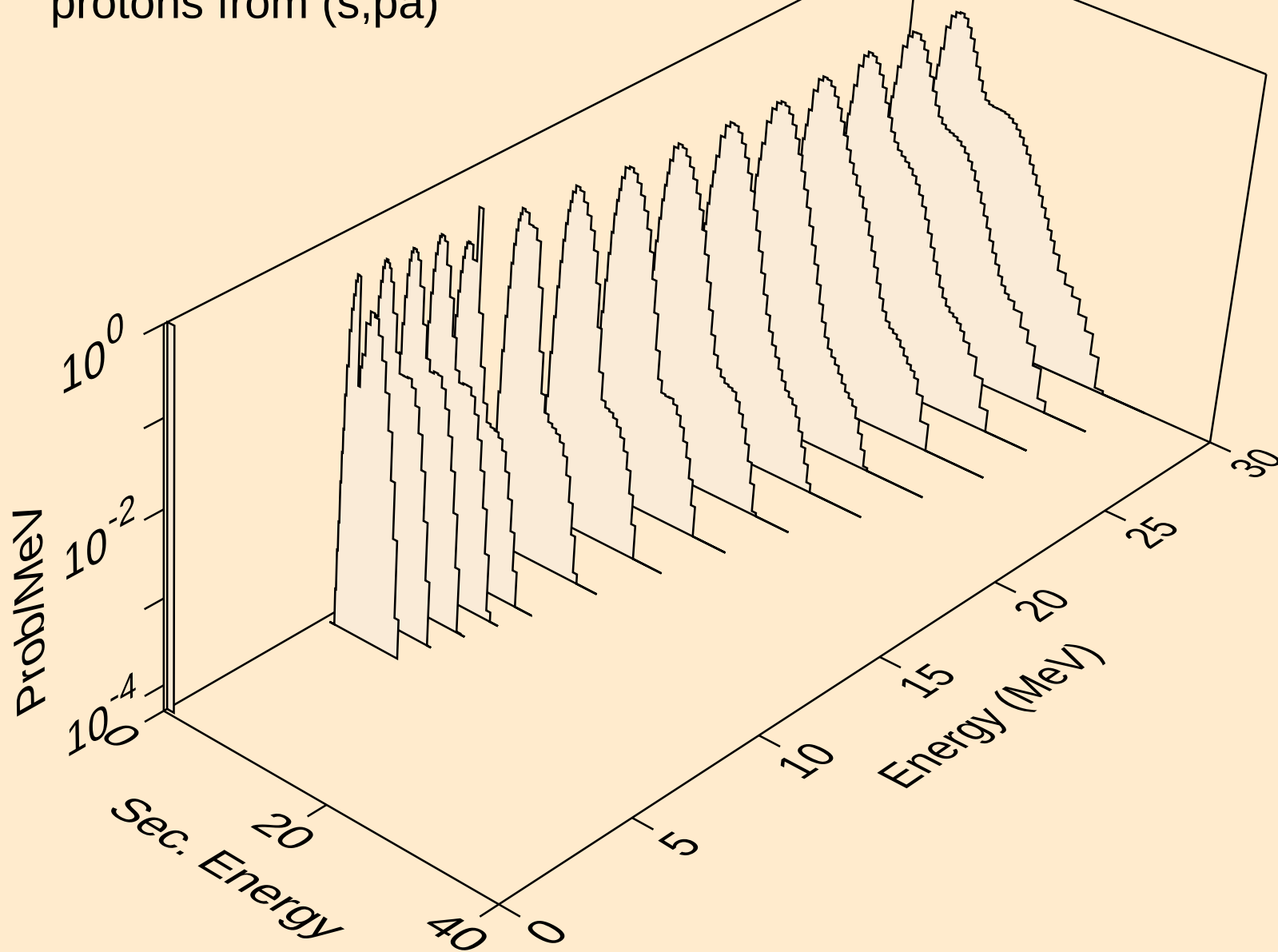
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



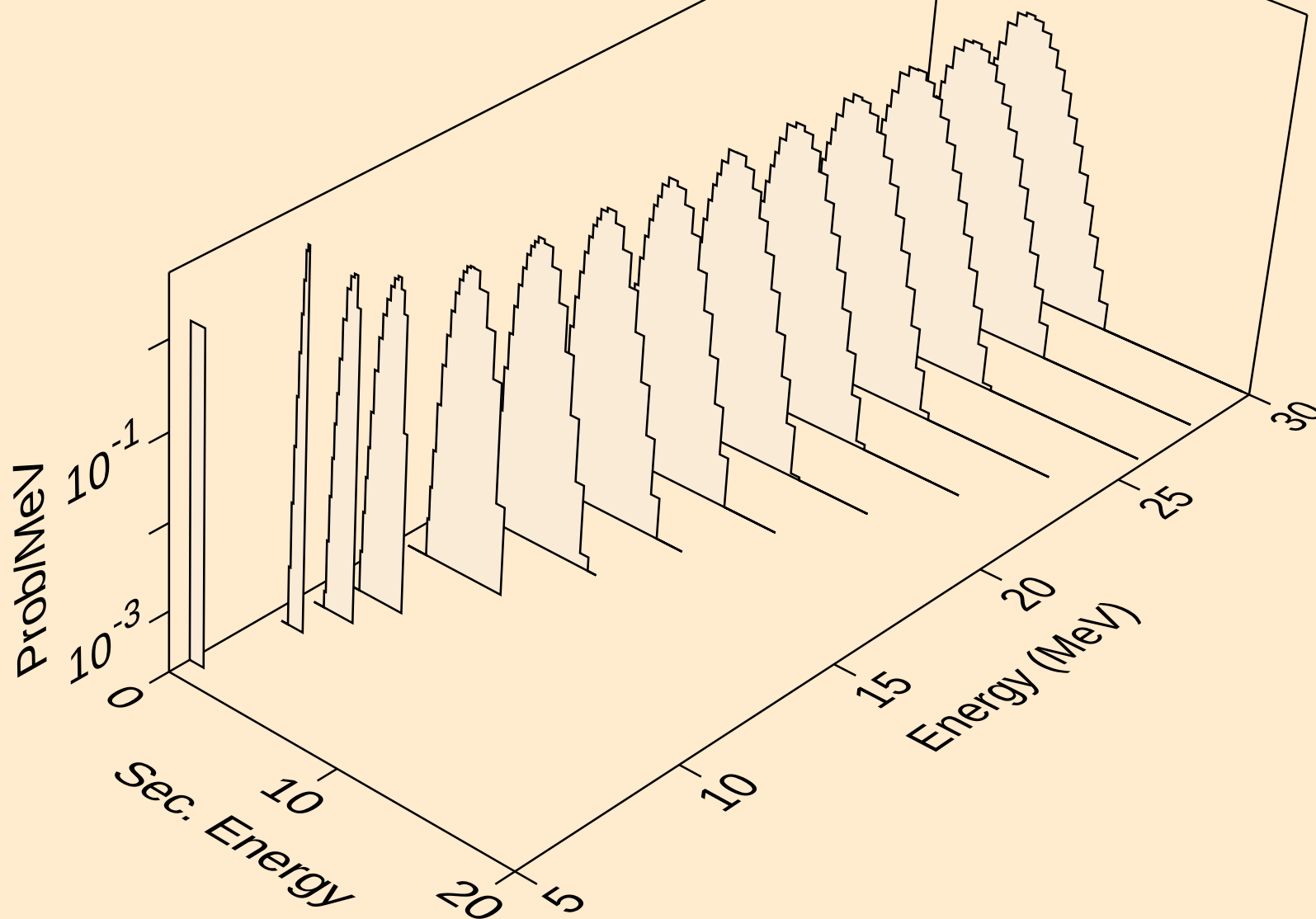
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,2p)



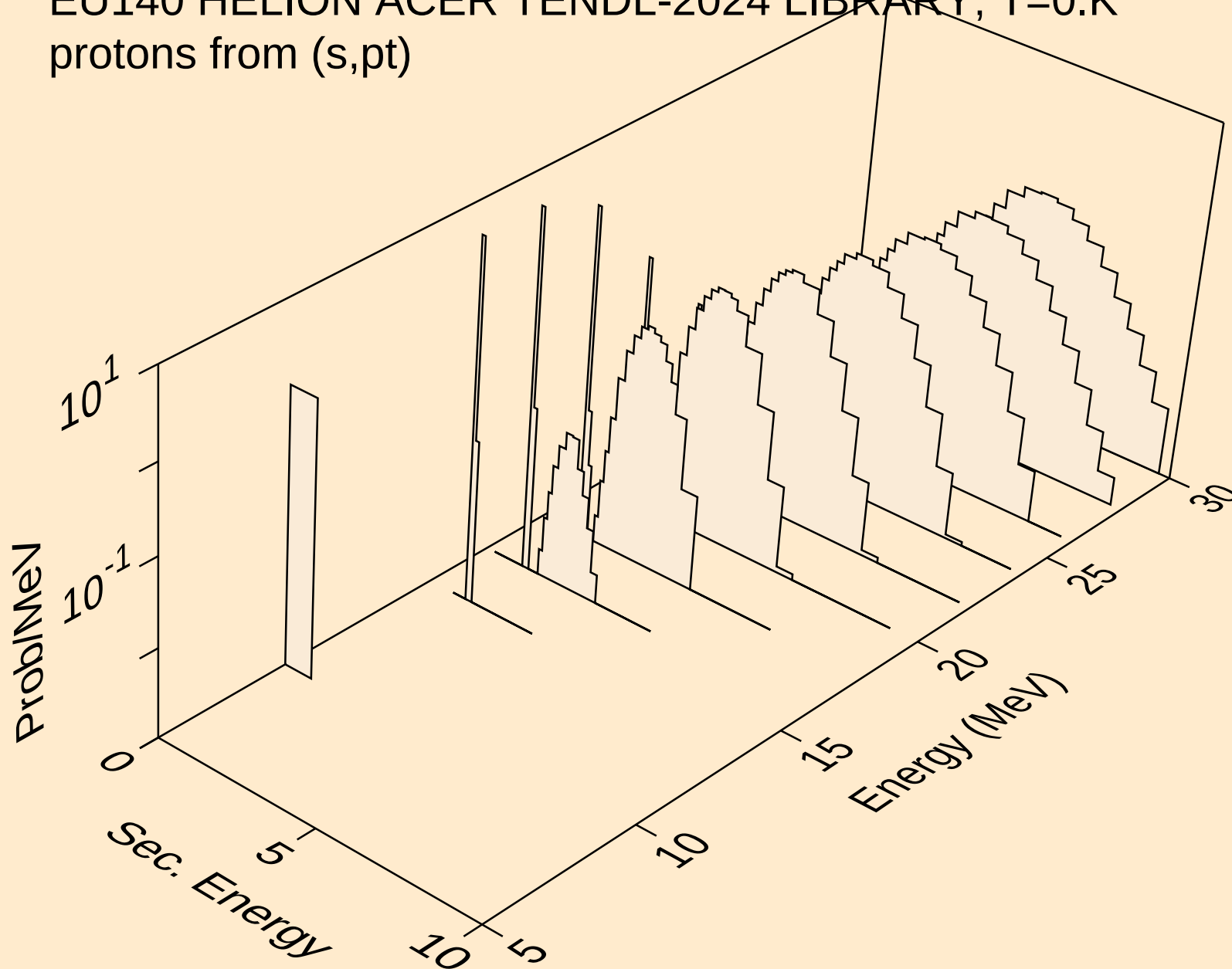
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)

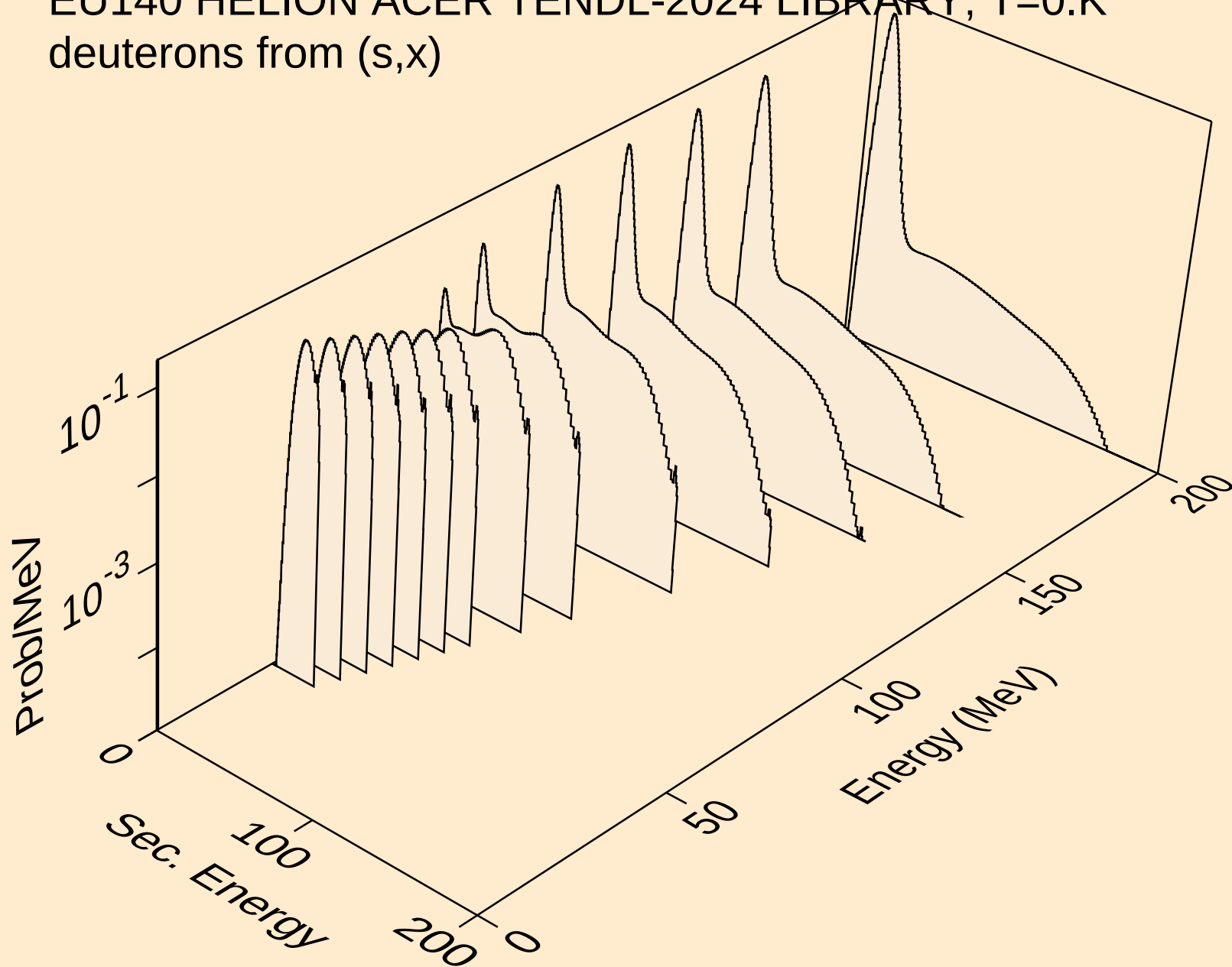


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pt)

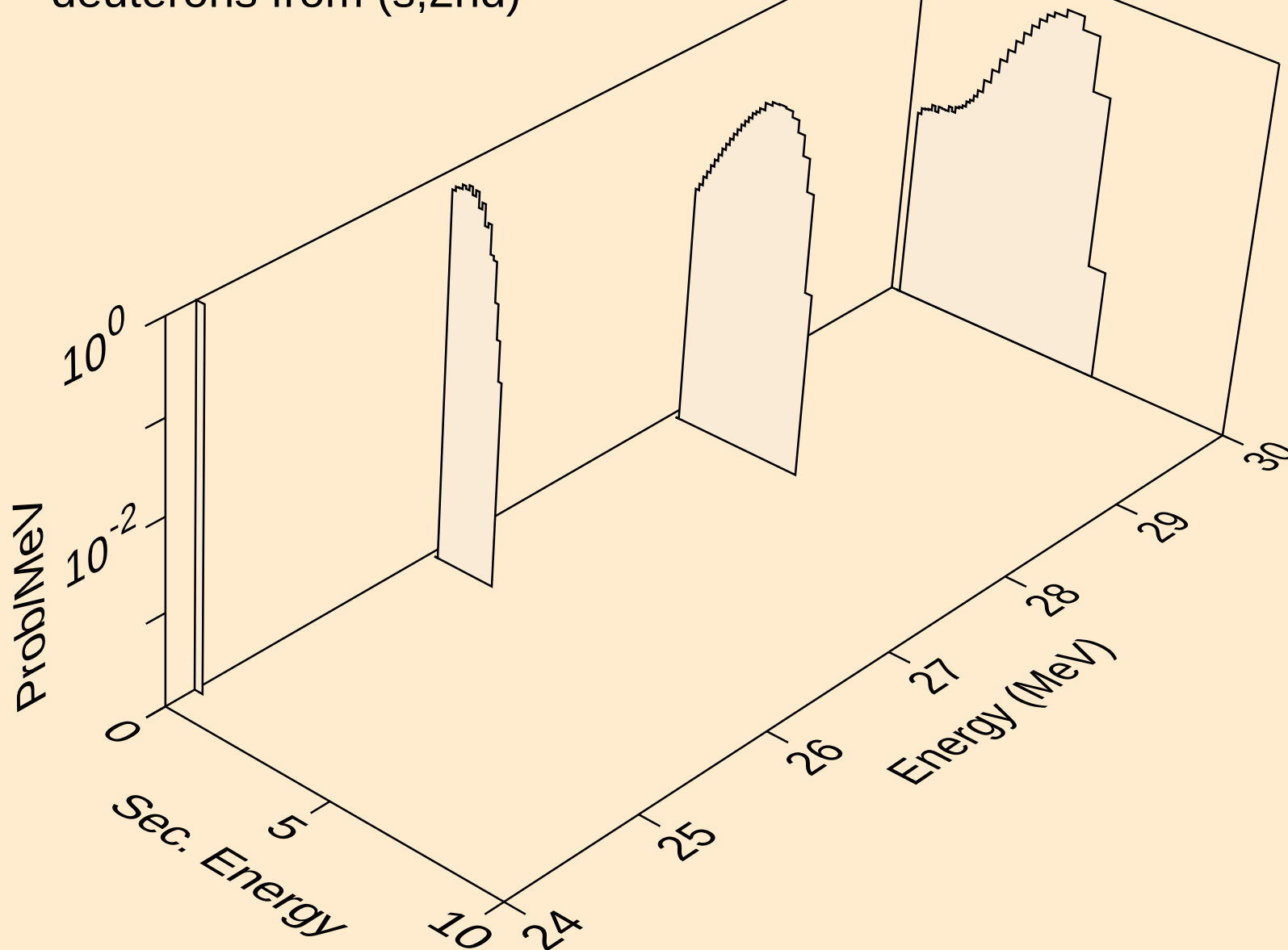




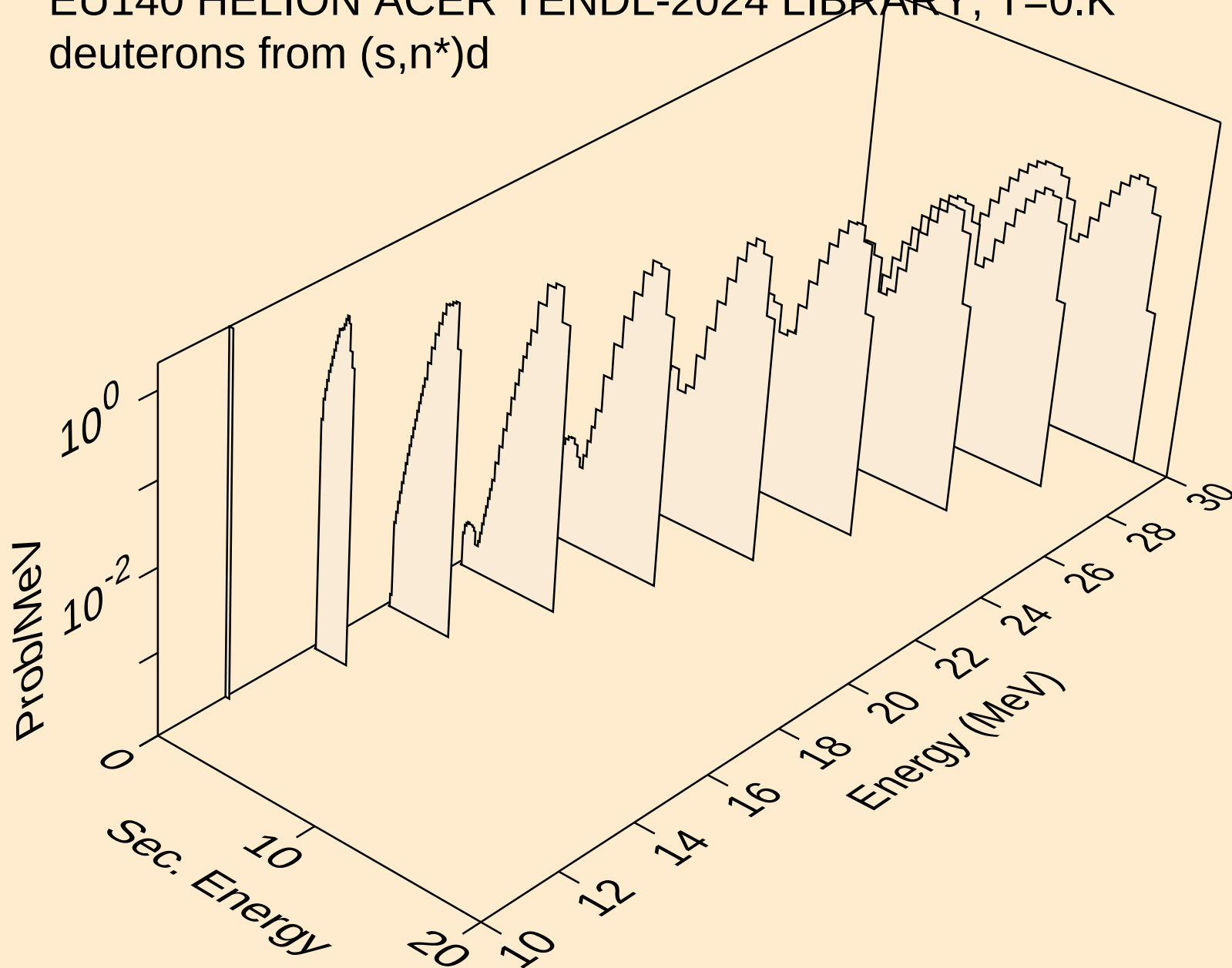
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,x)



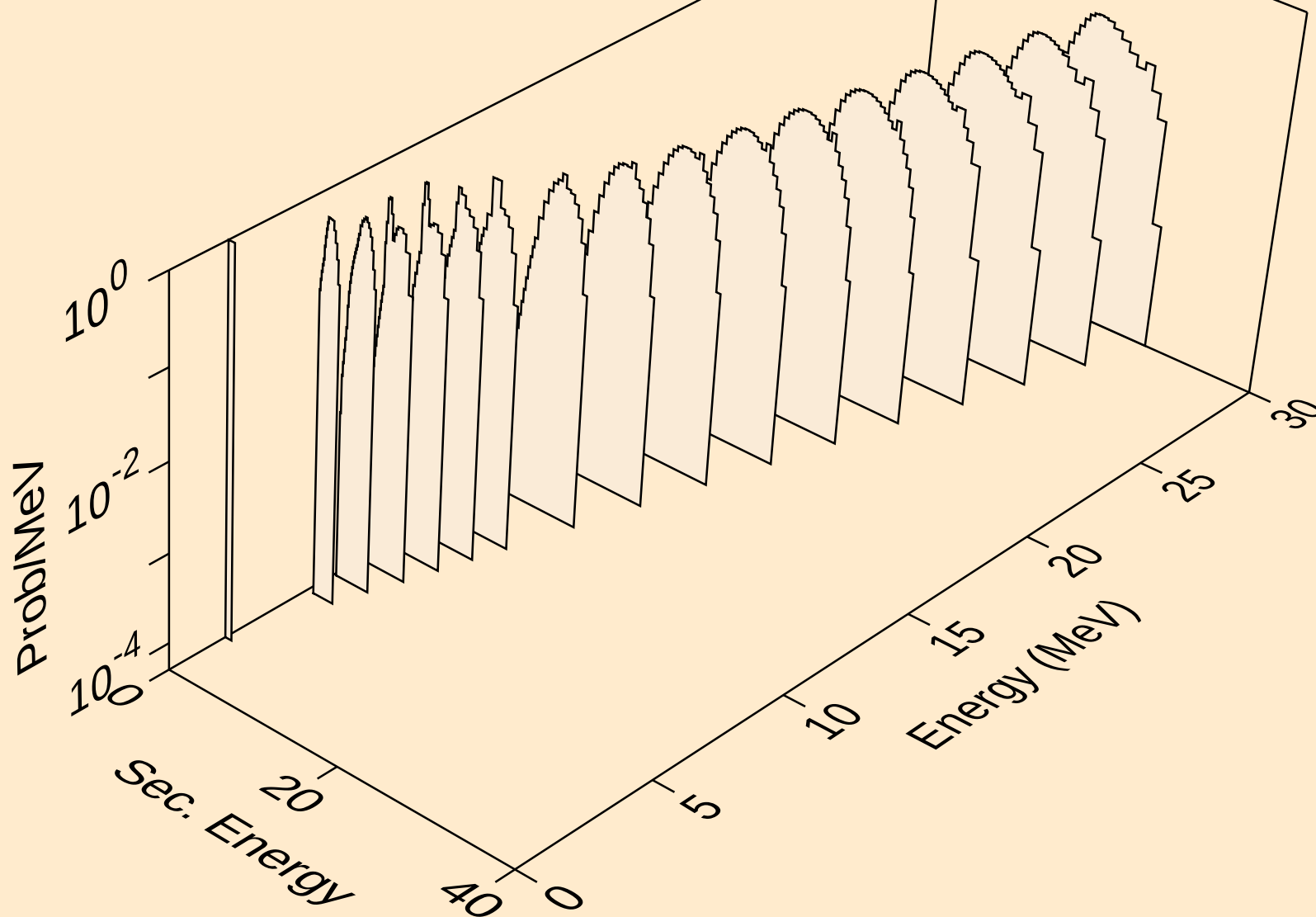
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deuterons from (s,2nd)



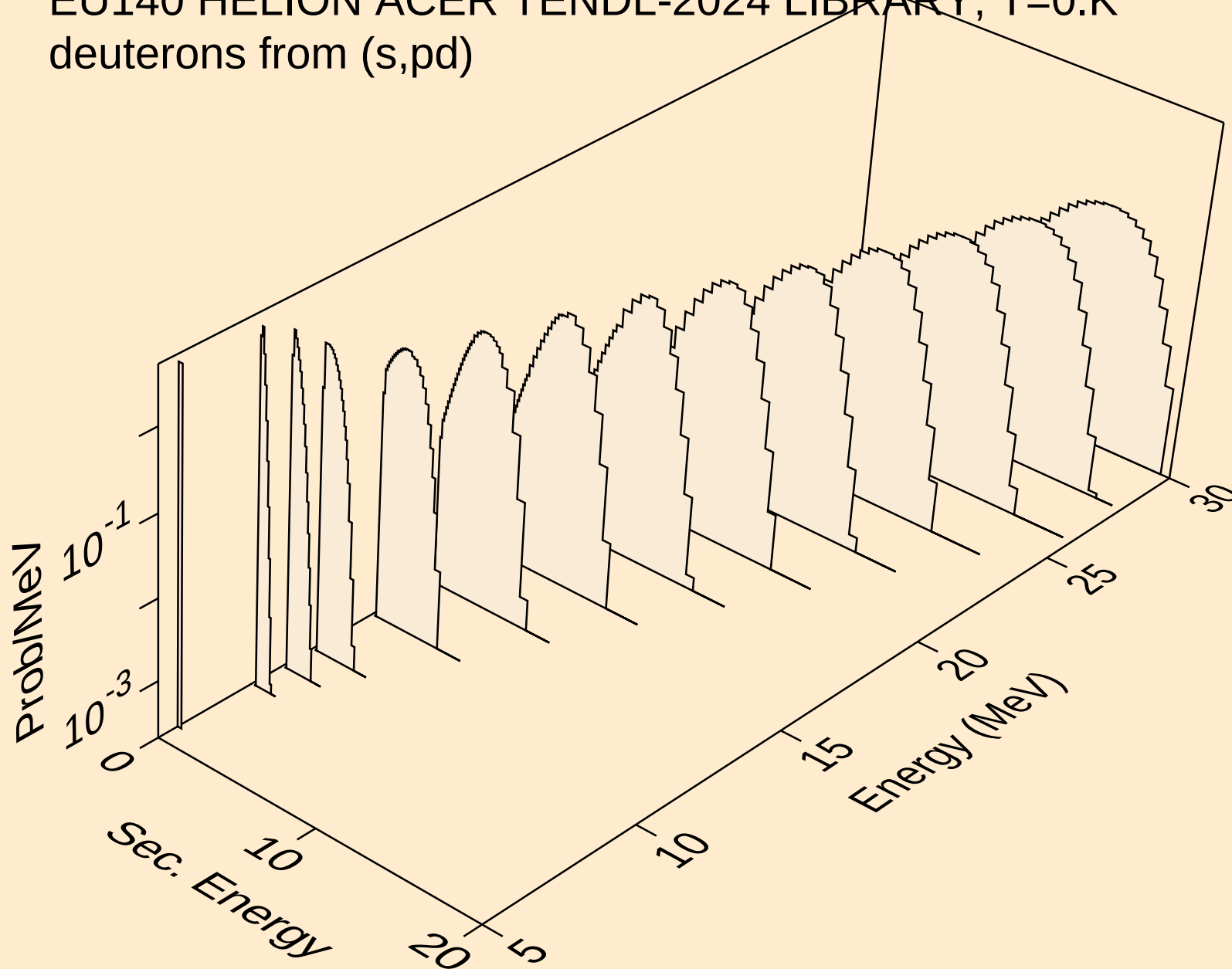
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deuterons from (s,n\*)d



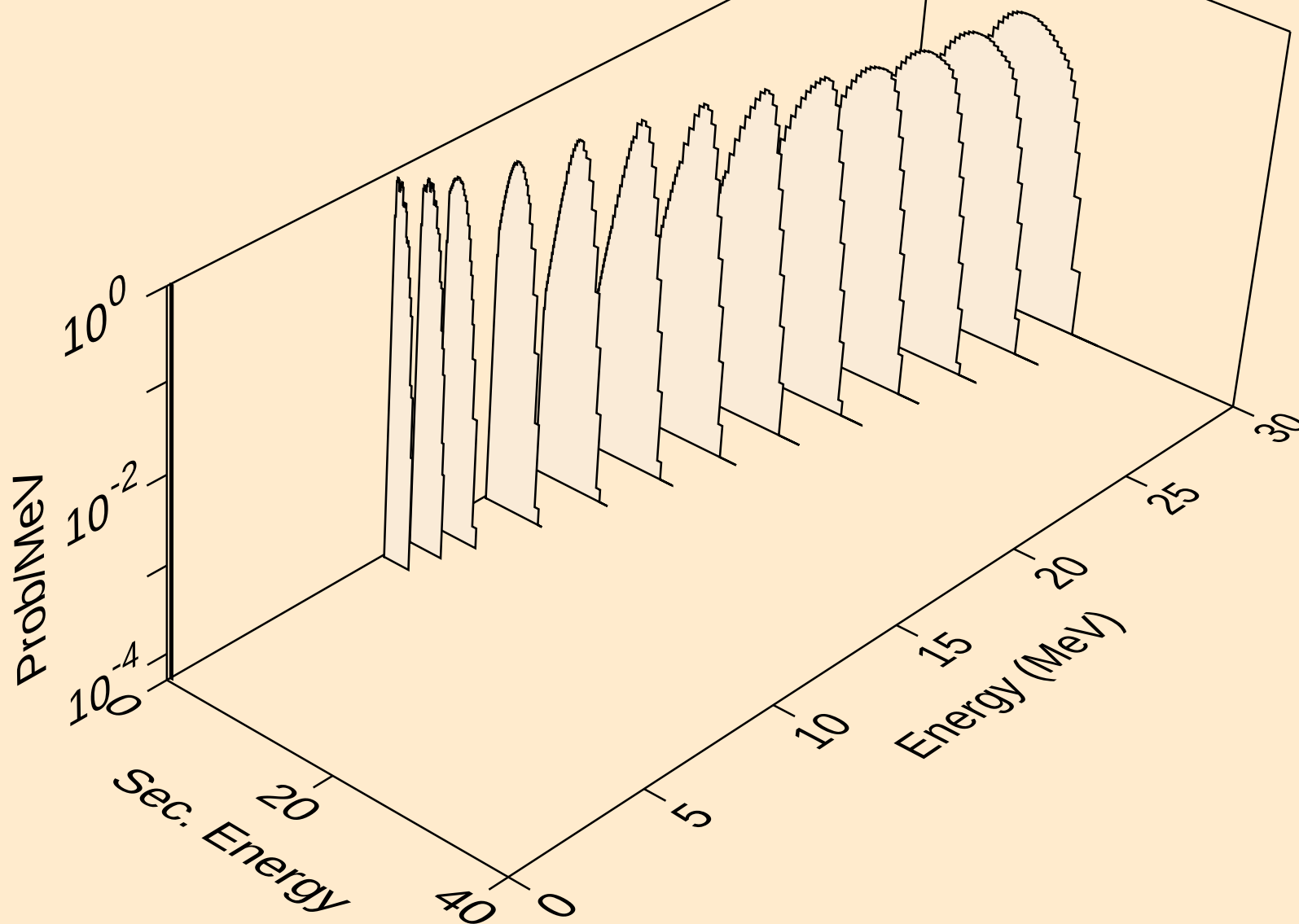
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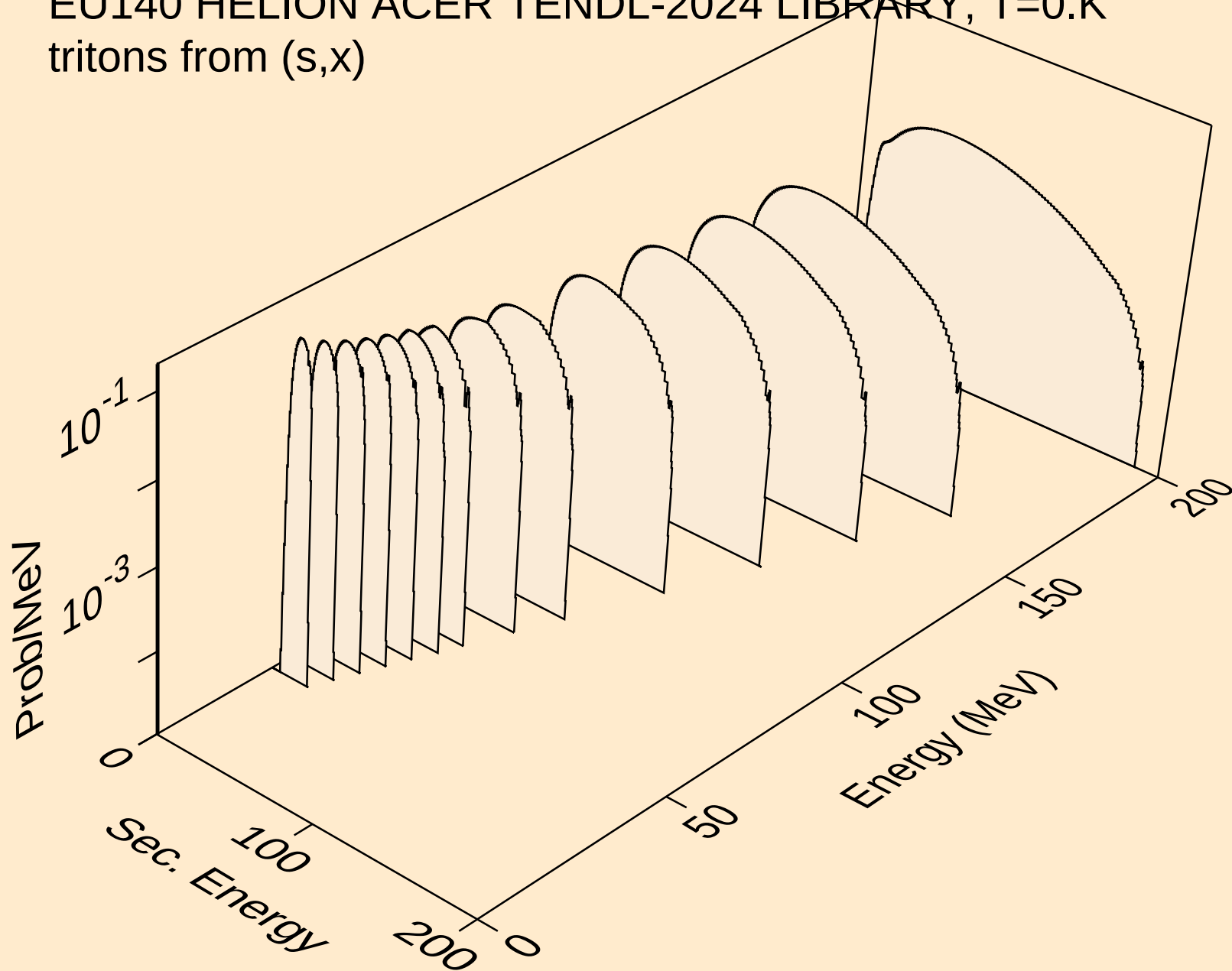
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deuterons from (s,pd)



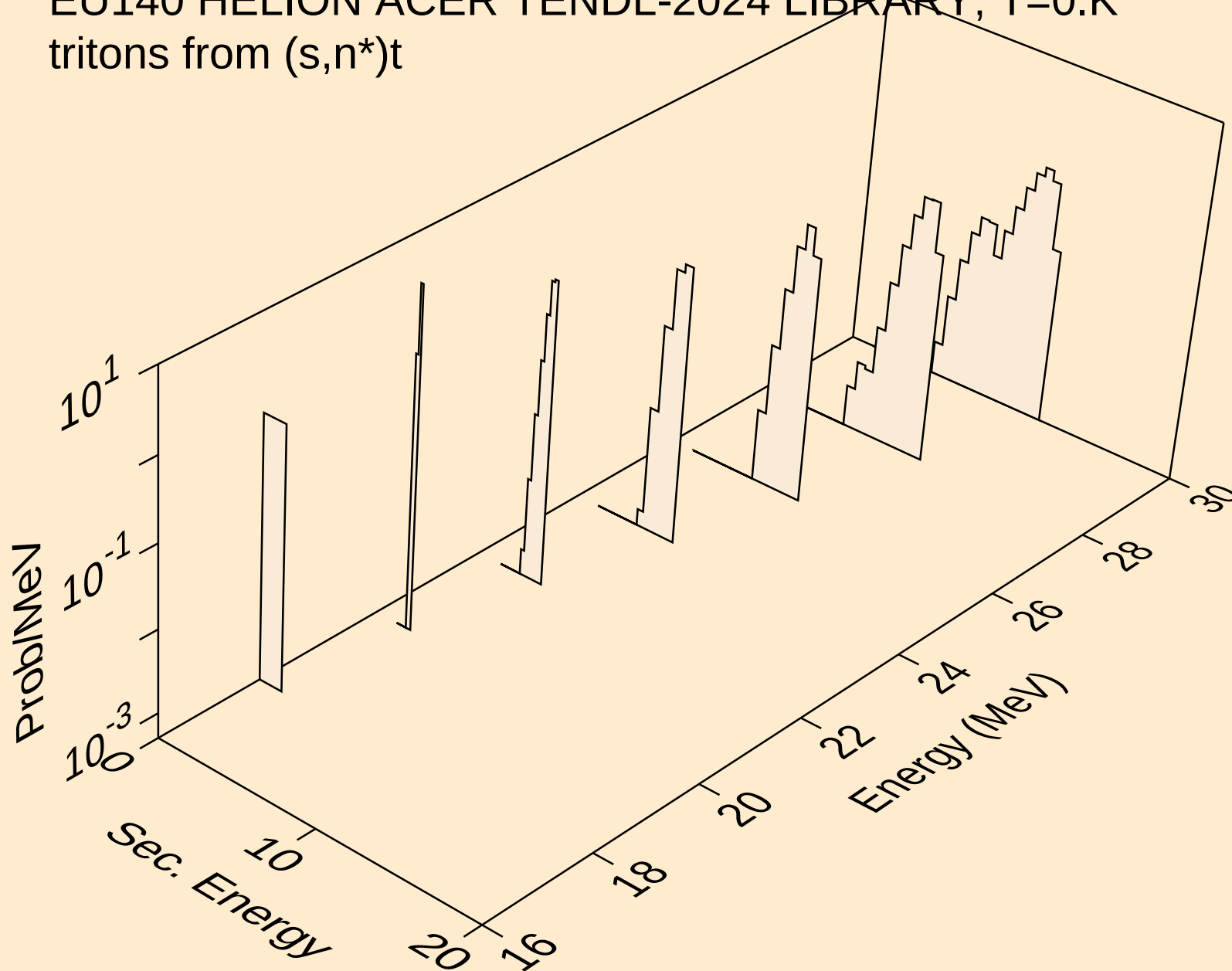
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deuterons from (s,da)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)

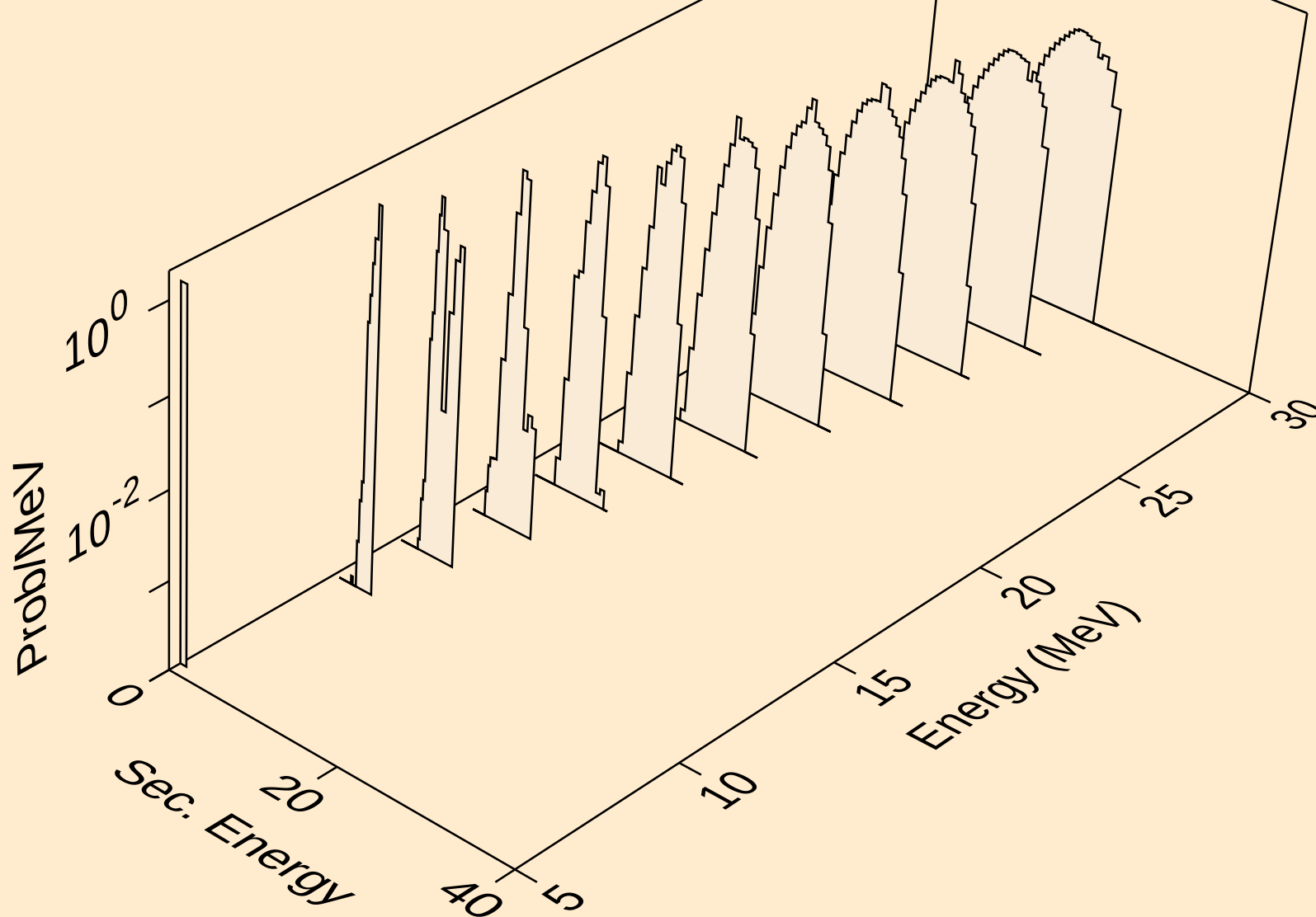


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,n\*)t

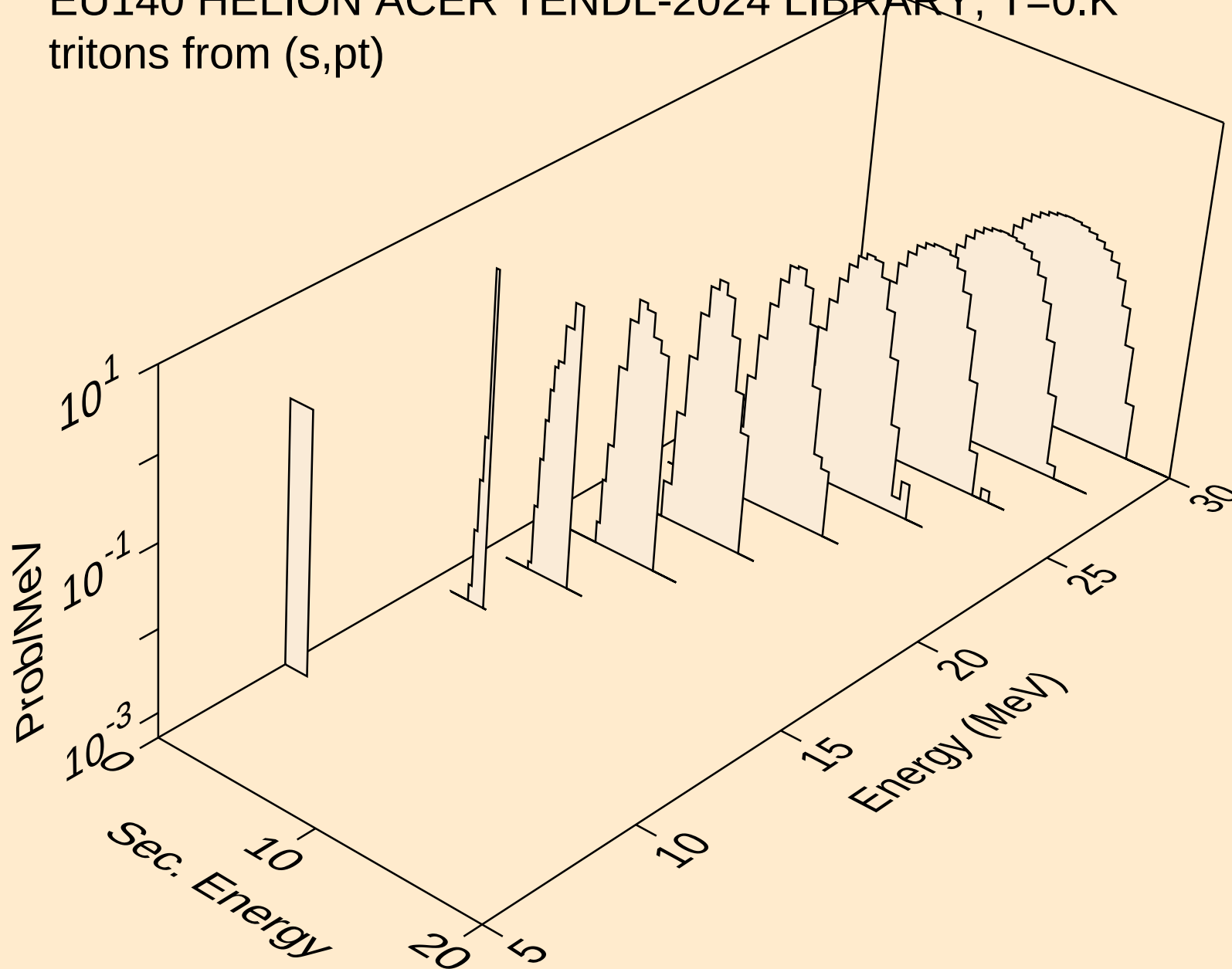




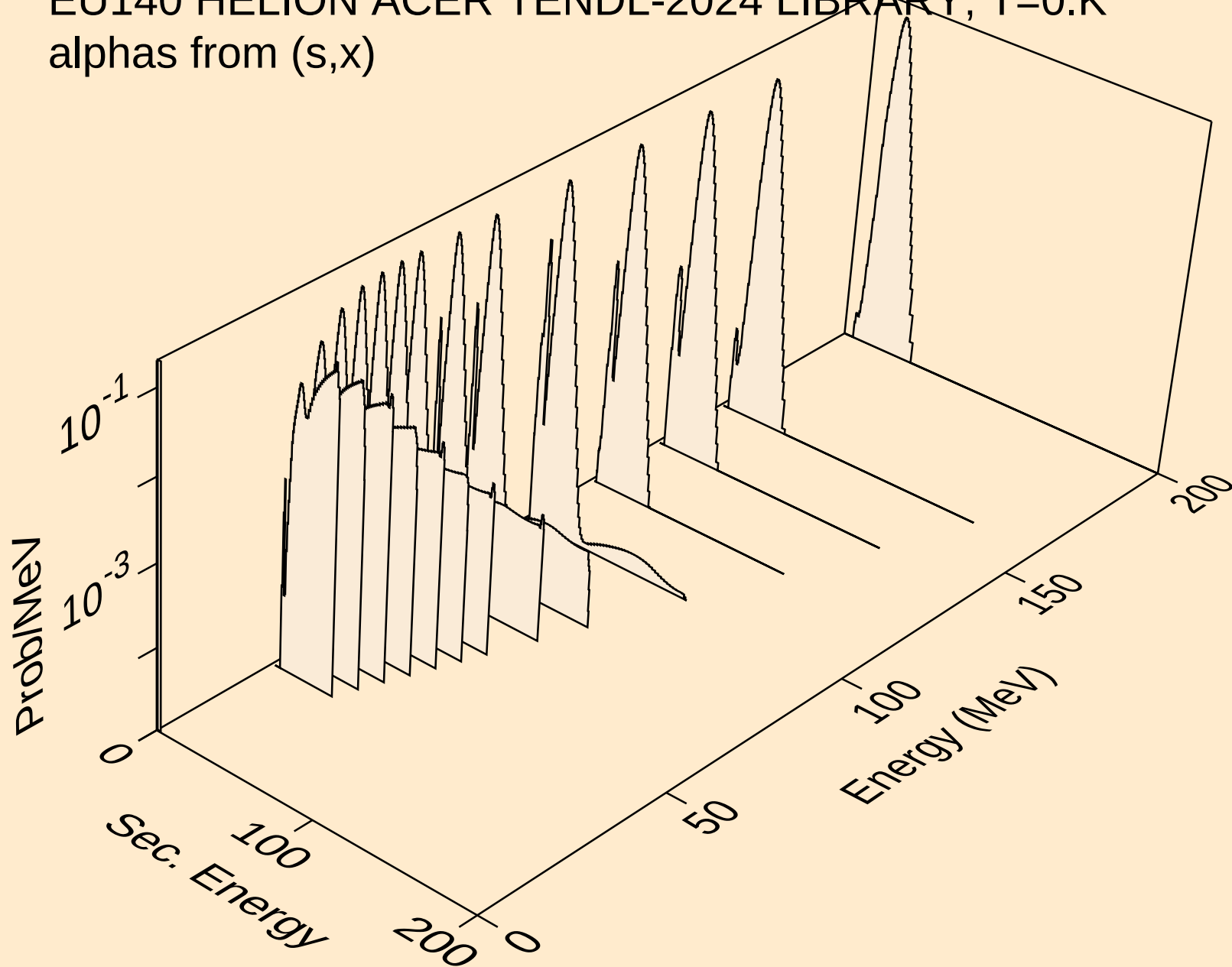
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tritons from (s,t)



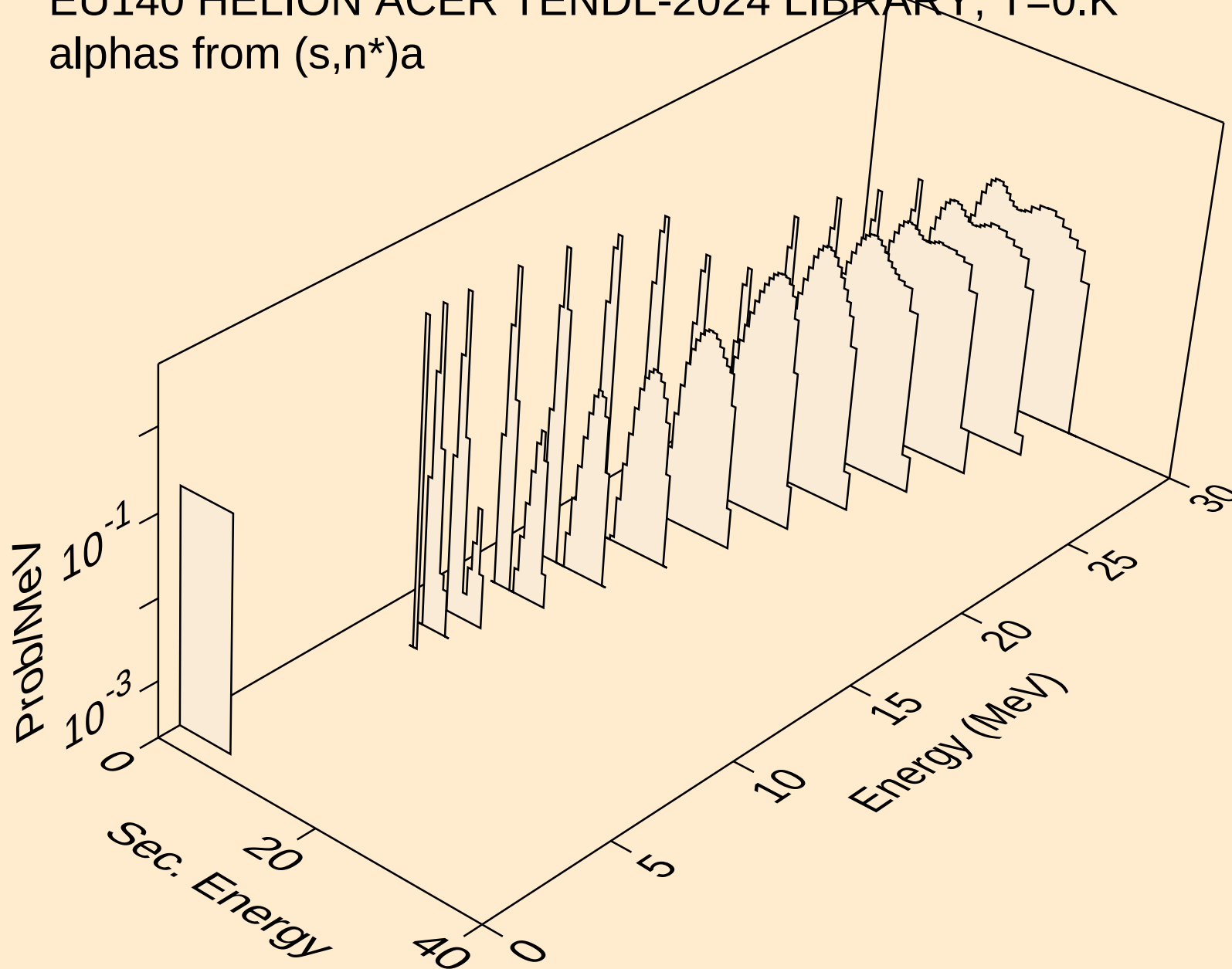
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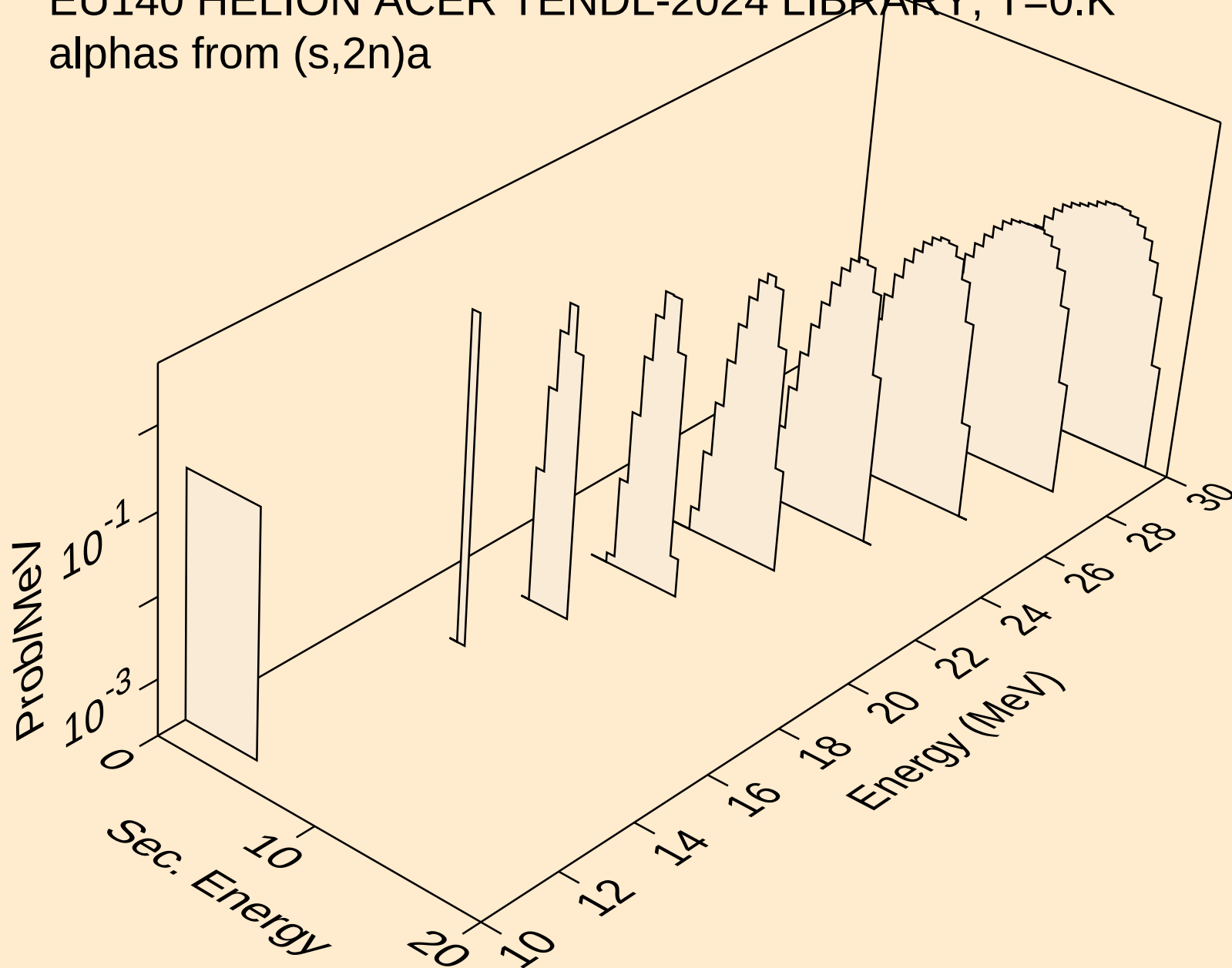
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alphas from (s,x)



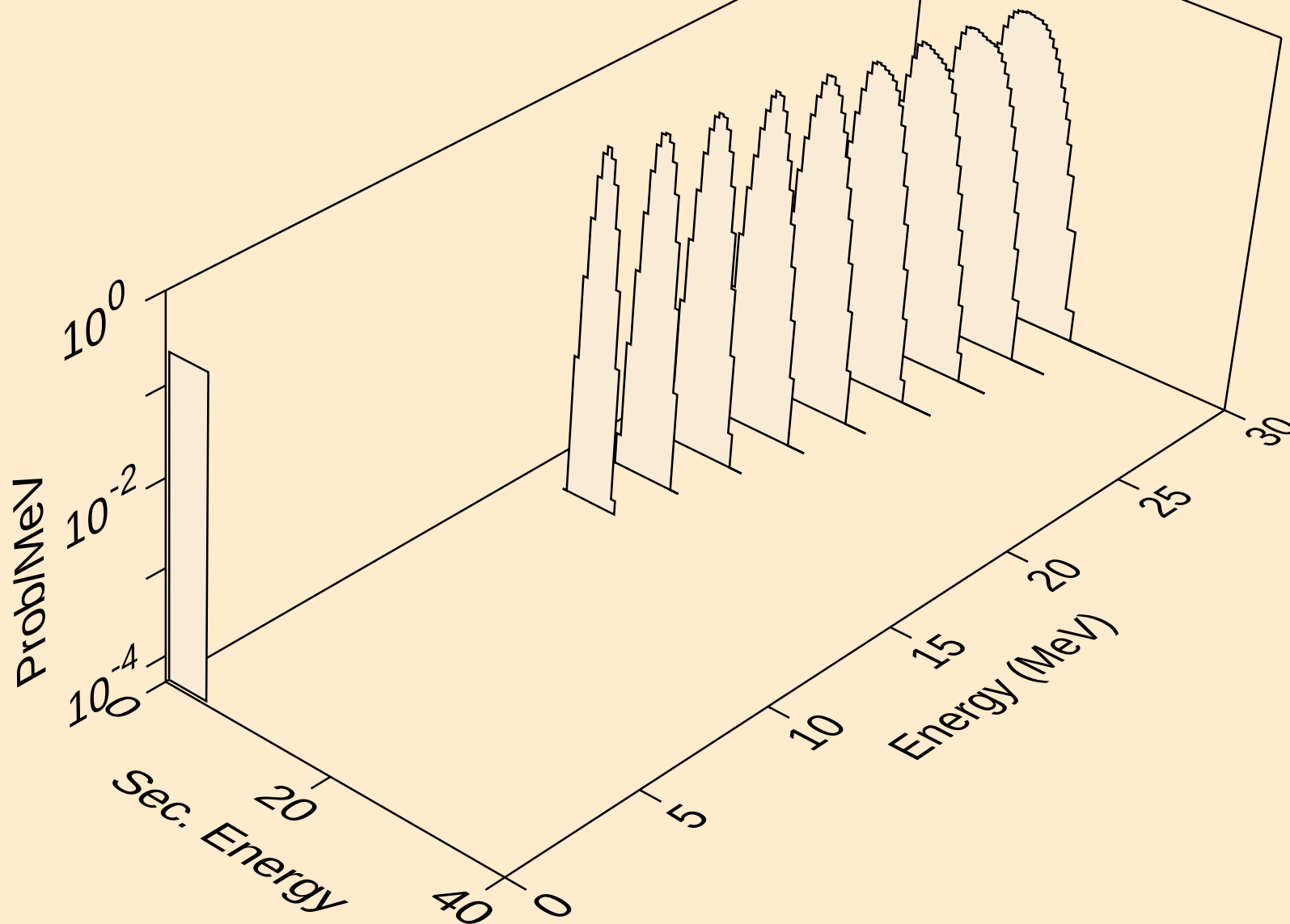
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



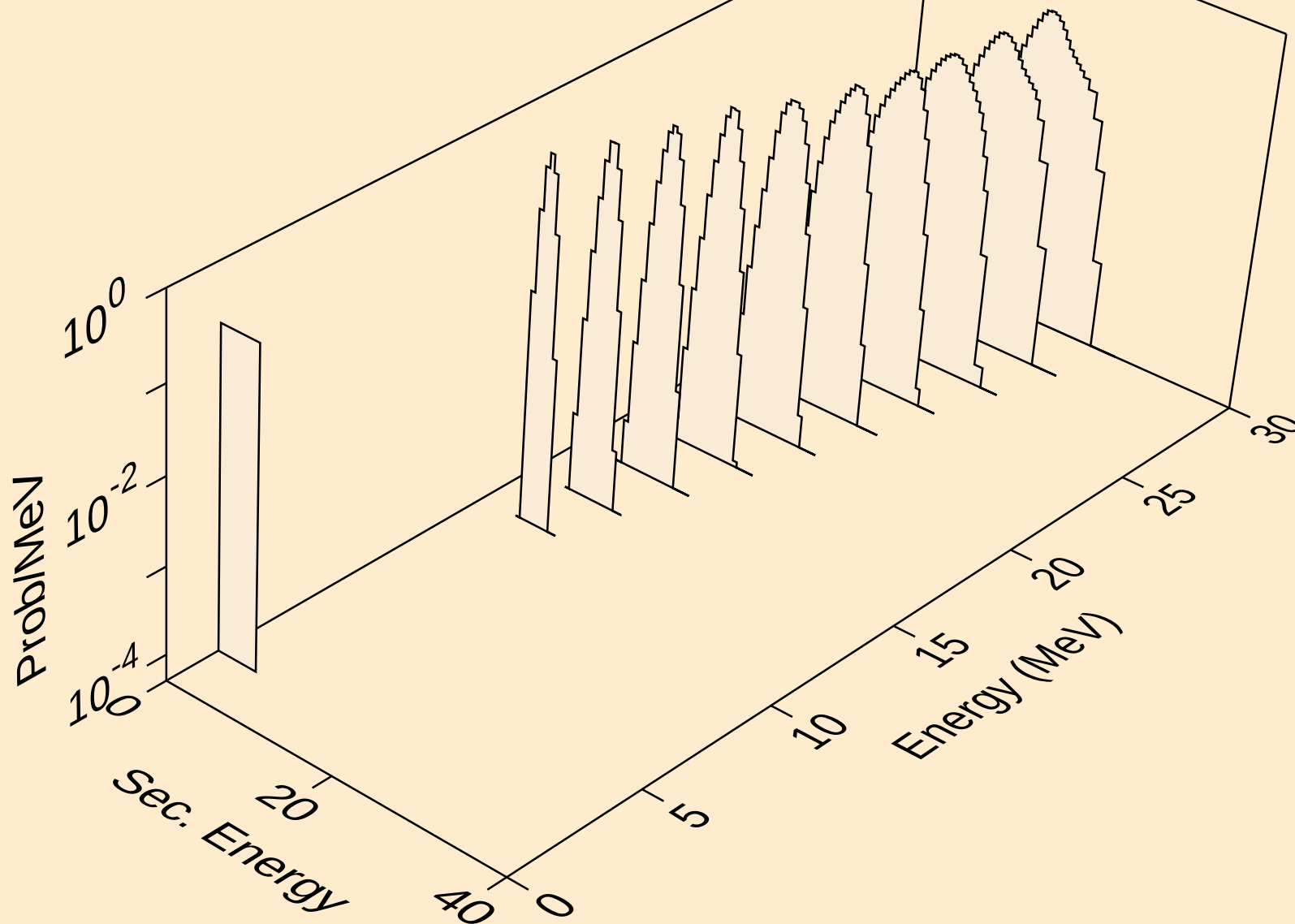
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



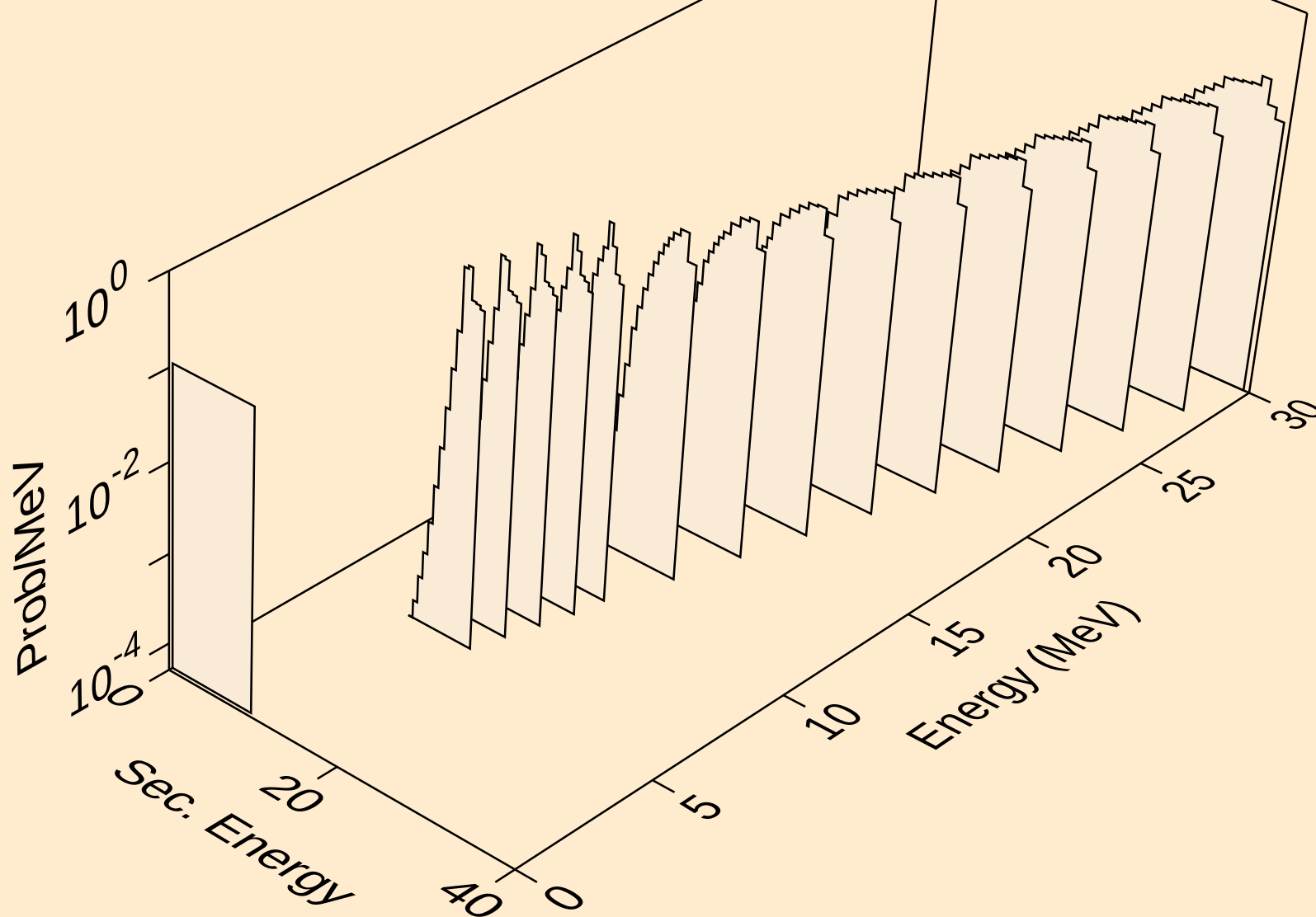
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alphas from (s,n\*)2a



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)

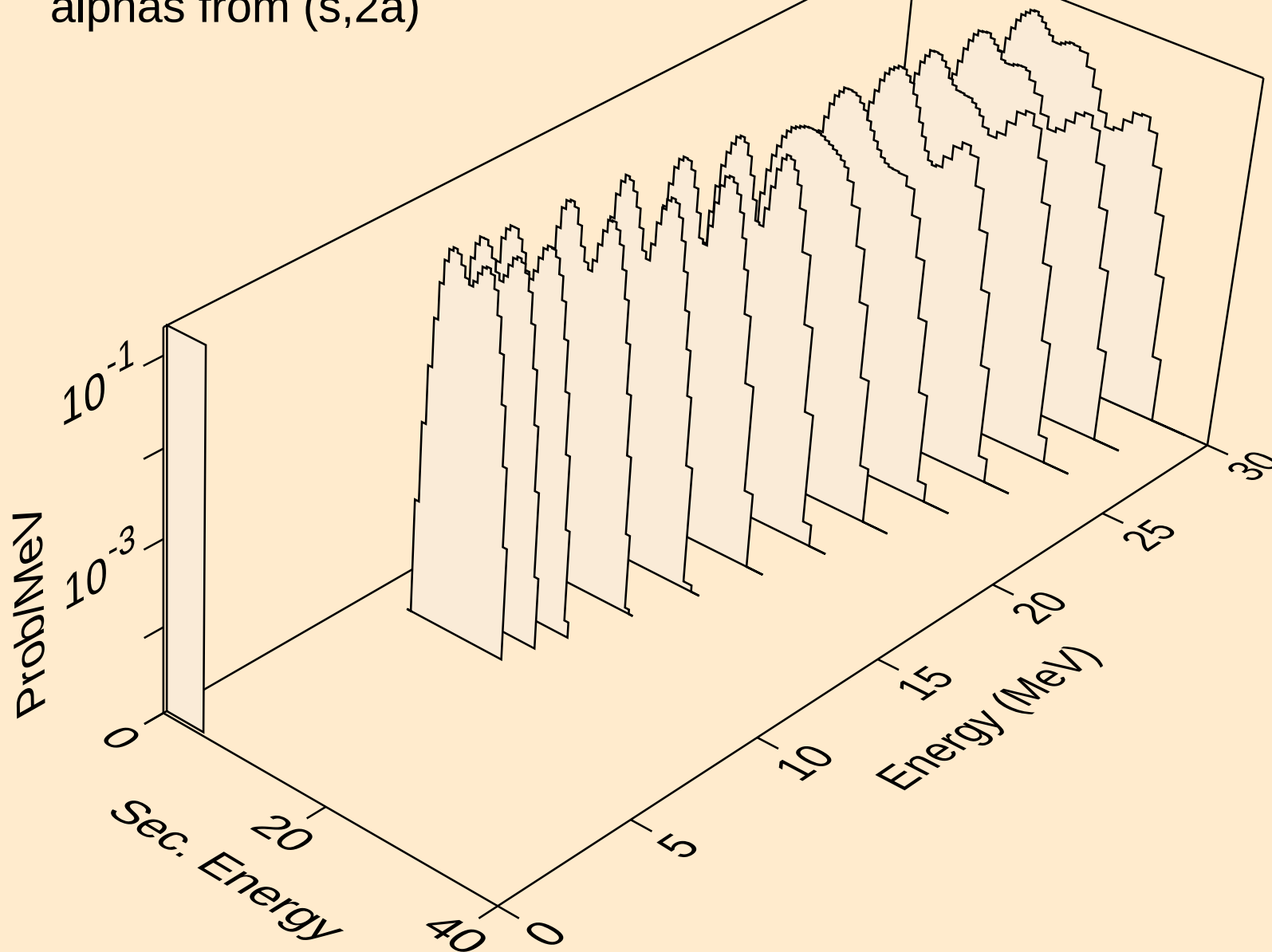


EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

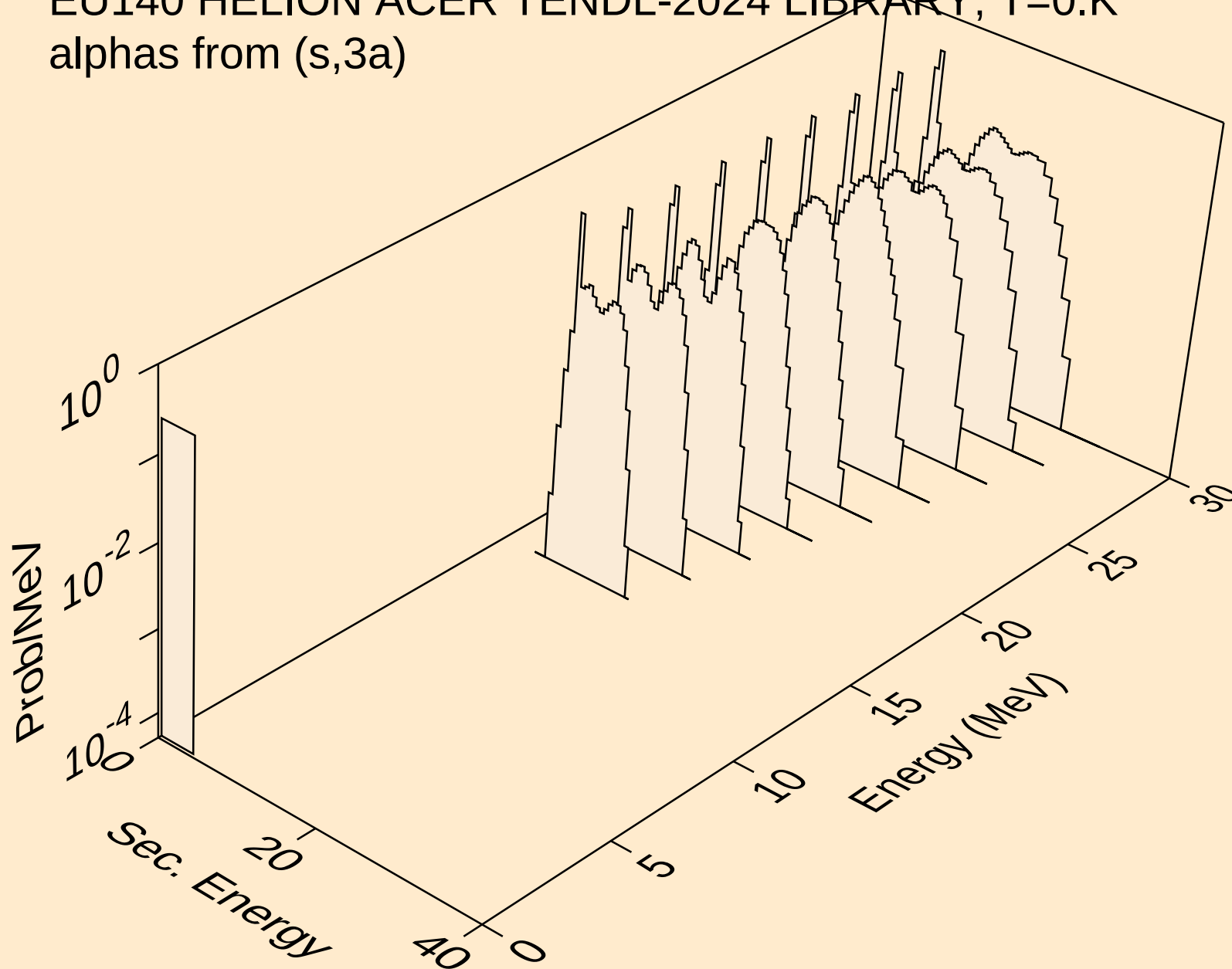




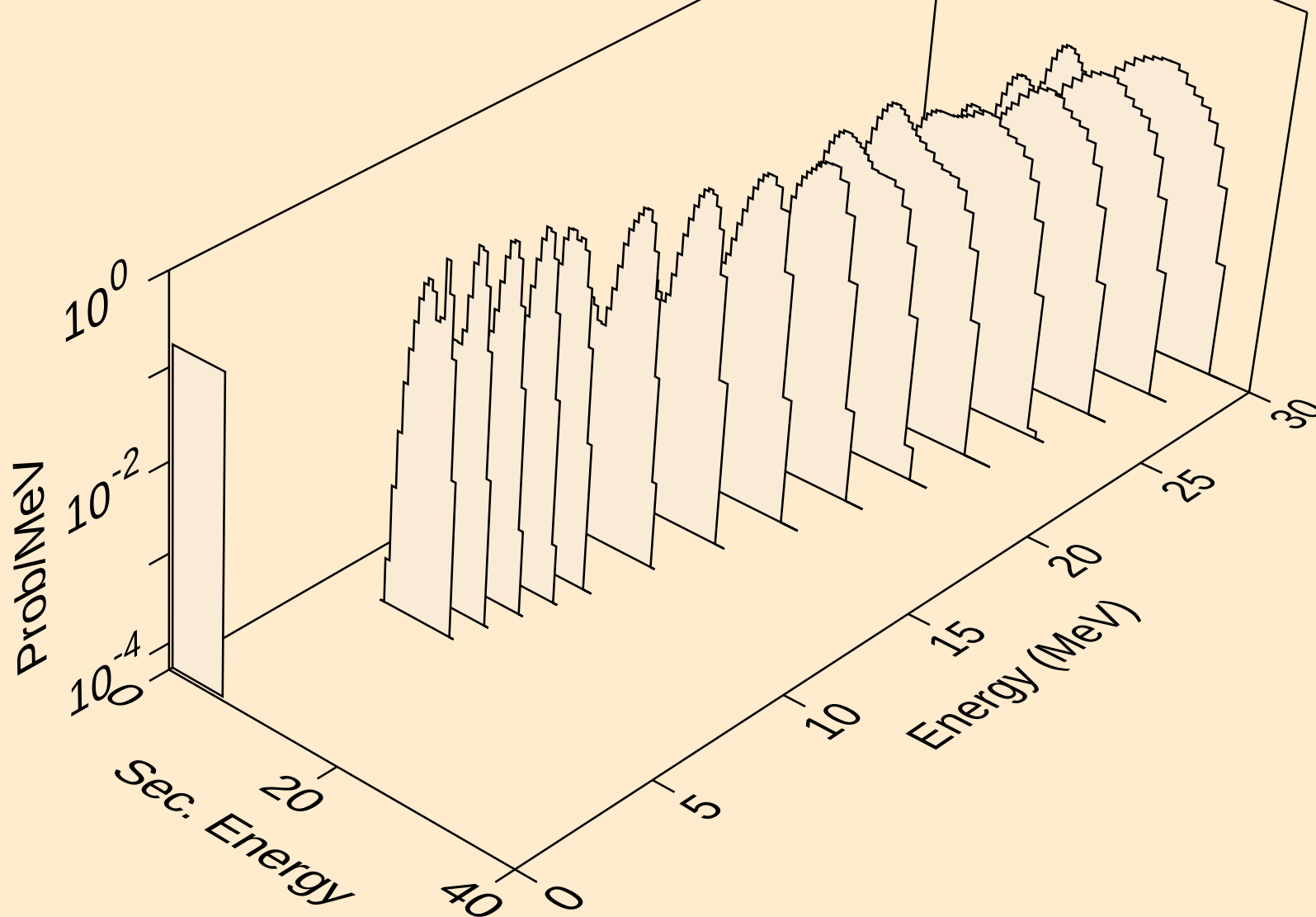
EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



EU140 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

