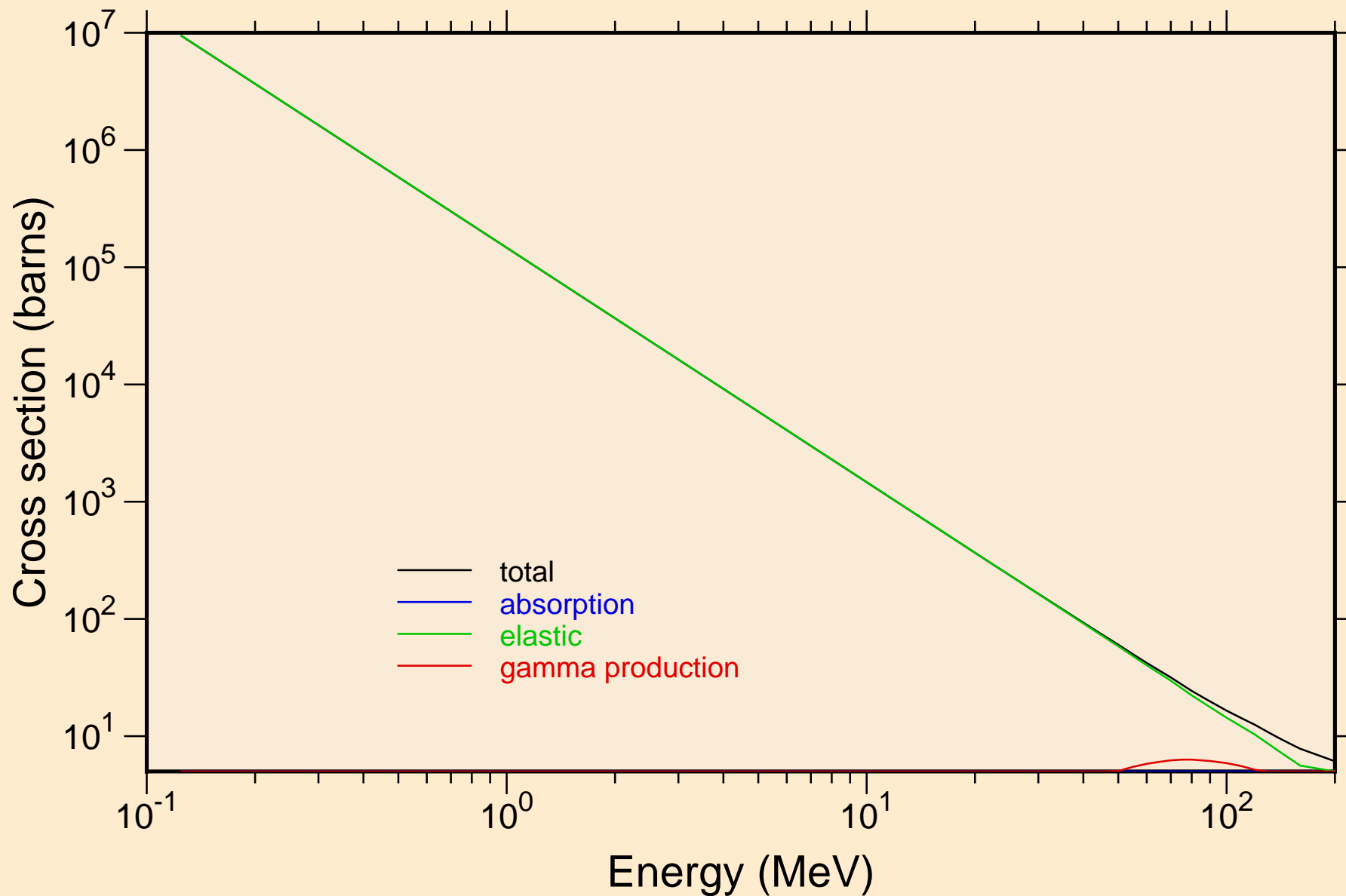


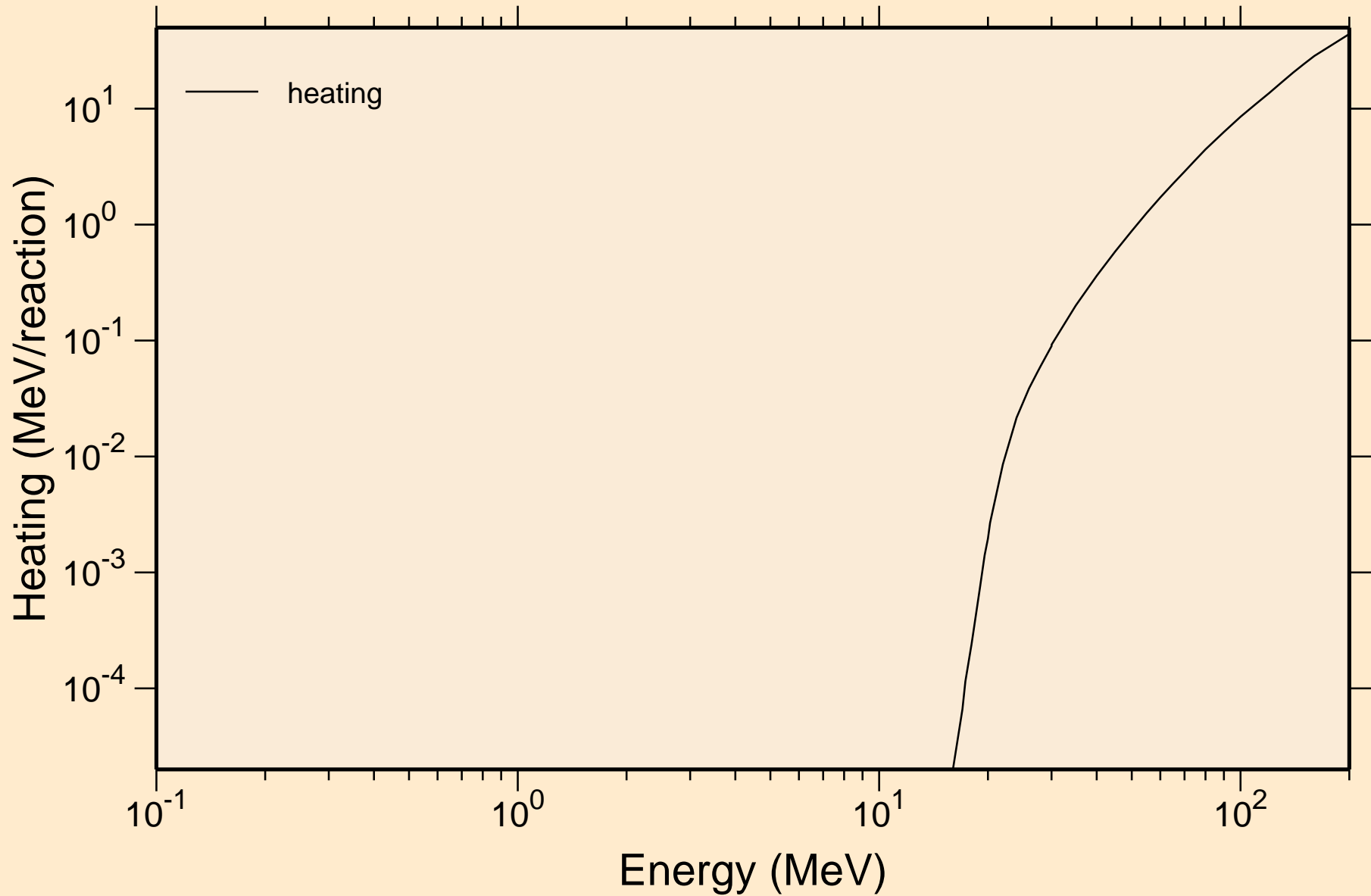
# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



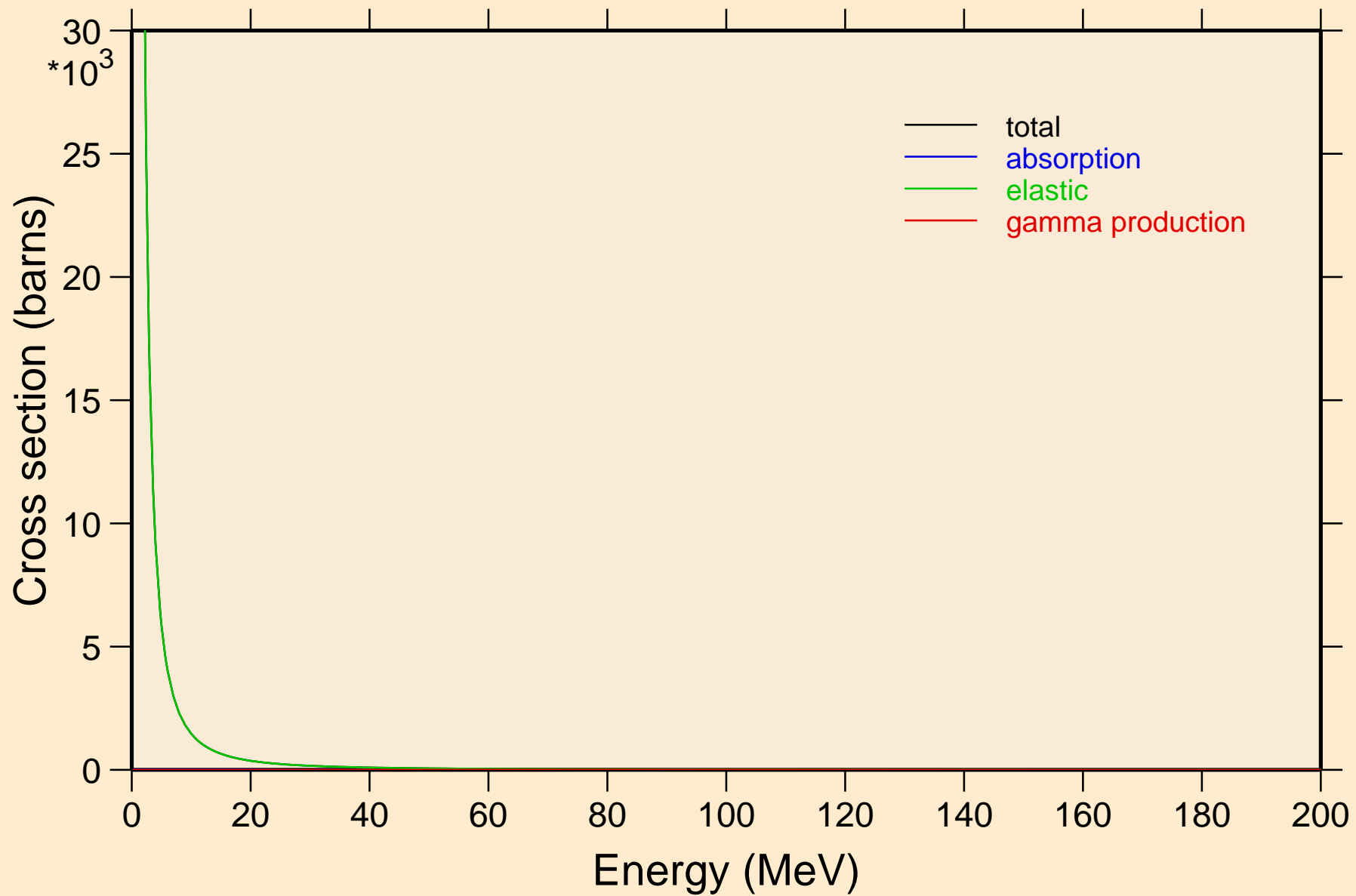
# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



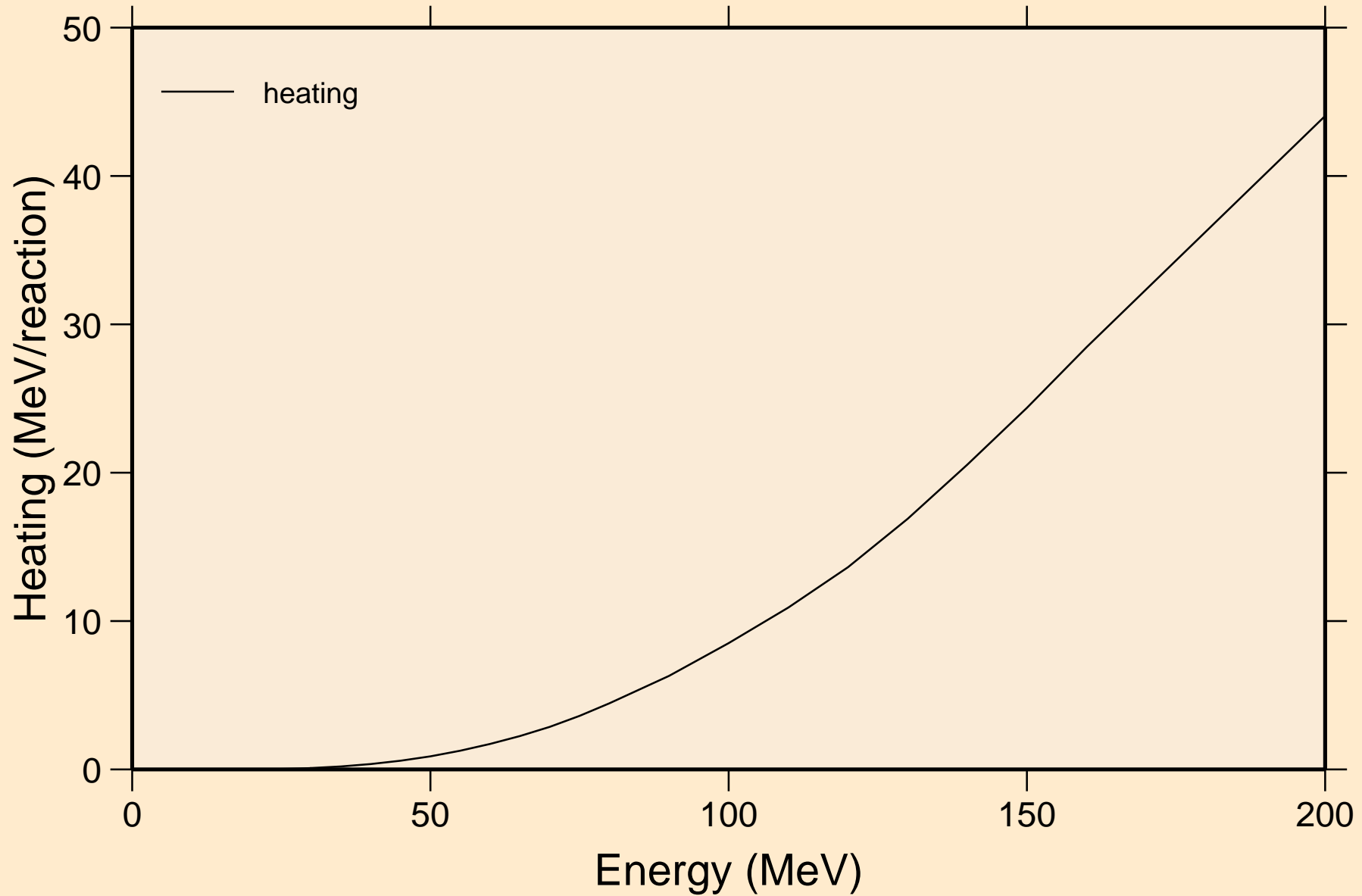
# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

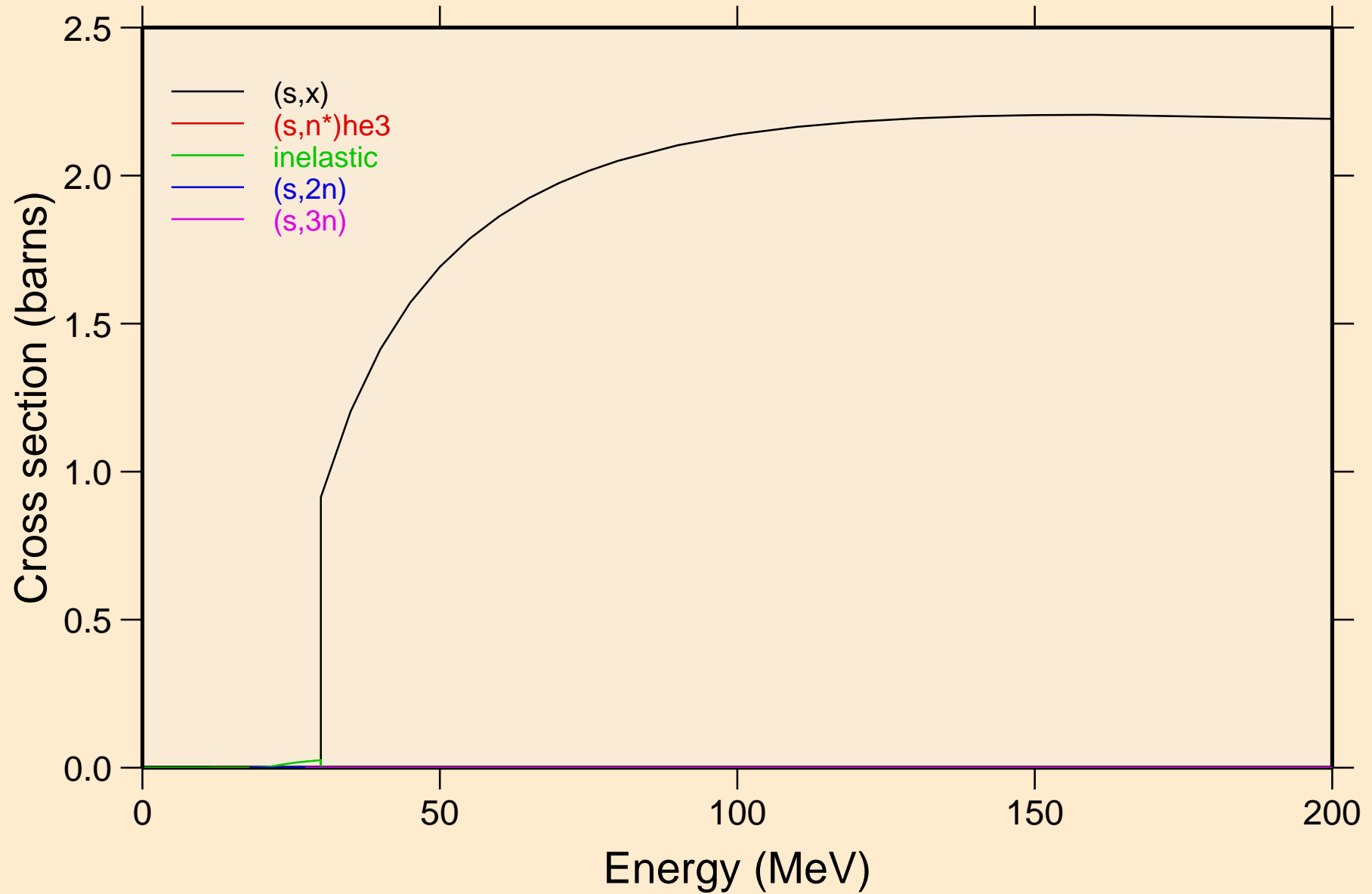


# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

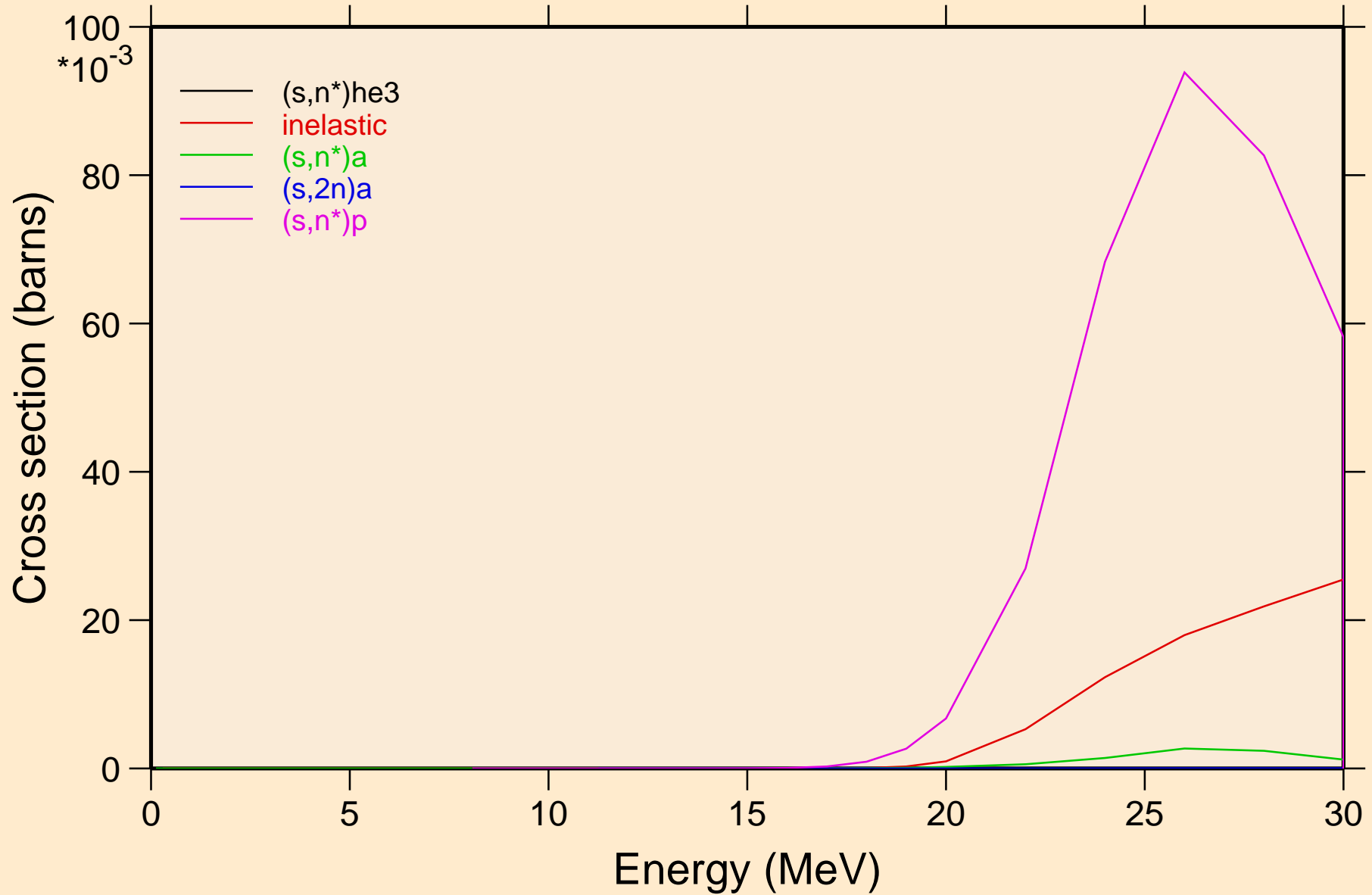
## Heating



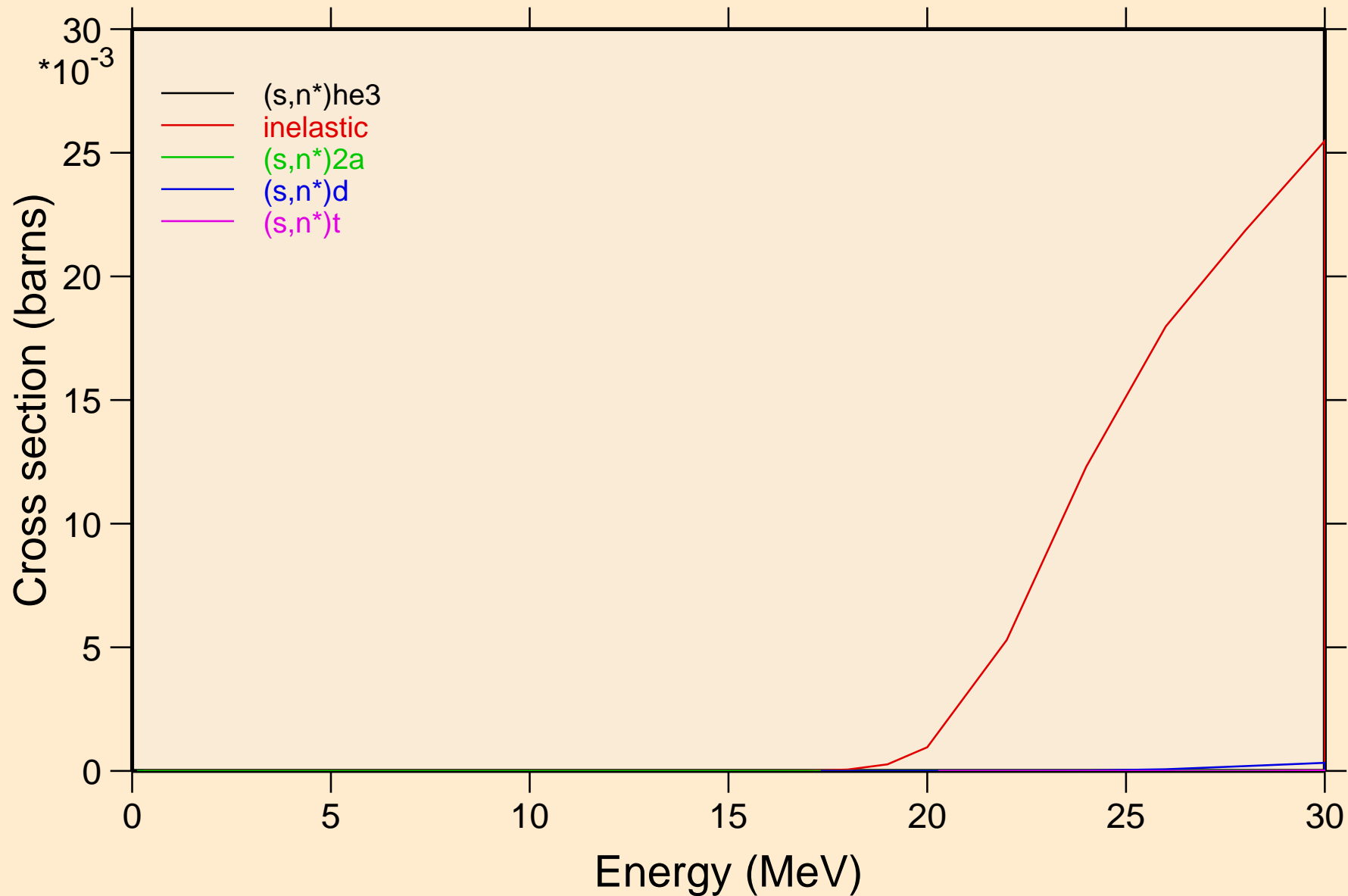
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



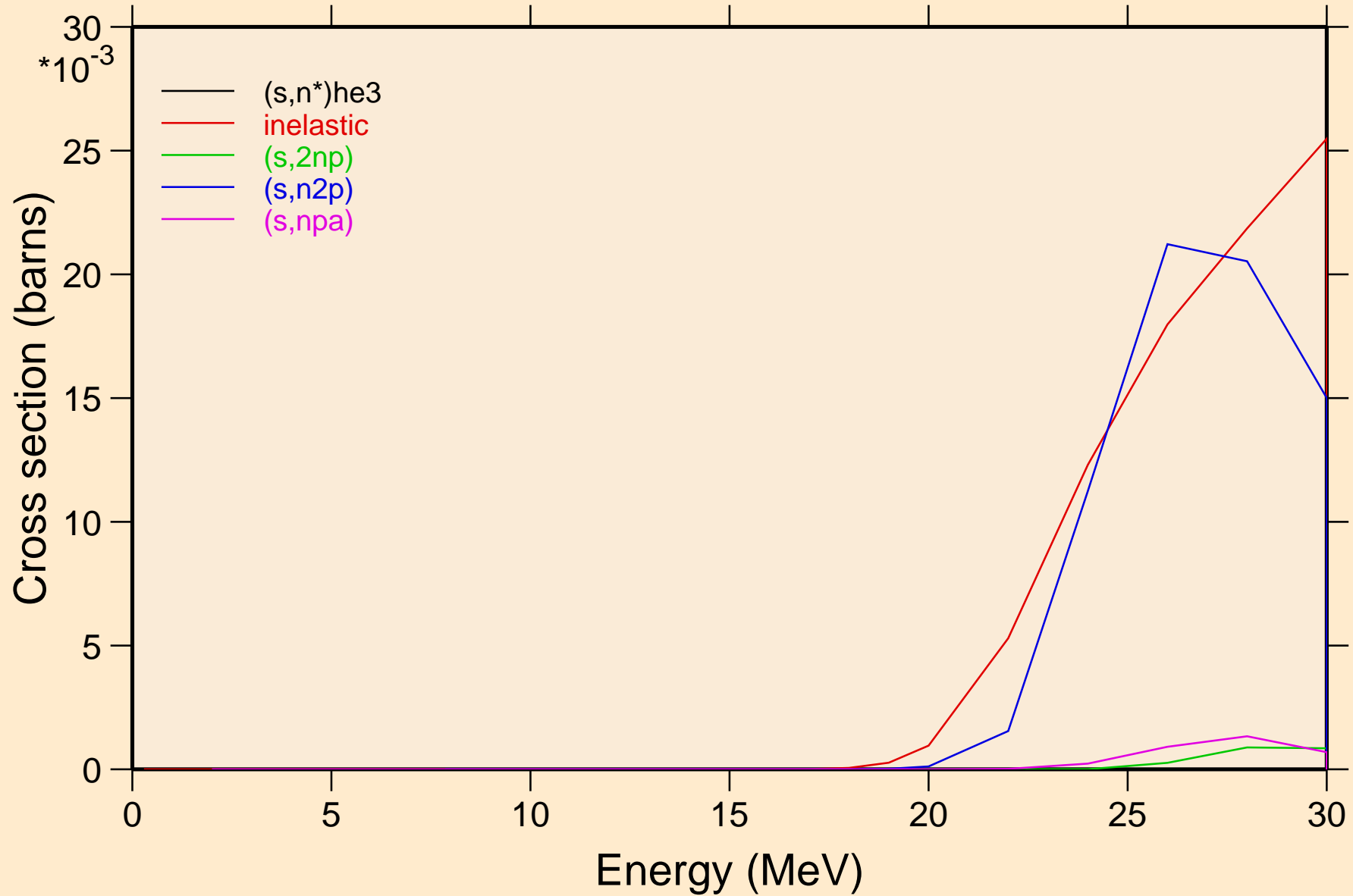
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



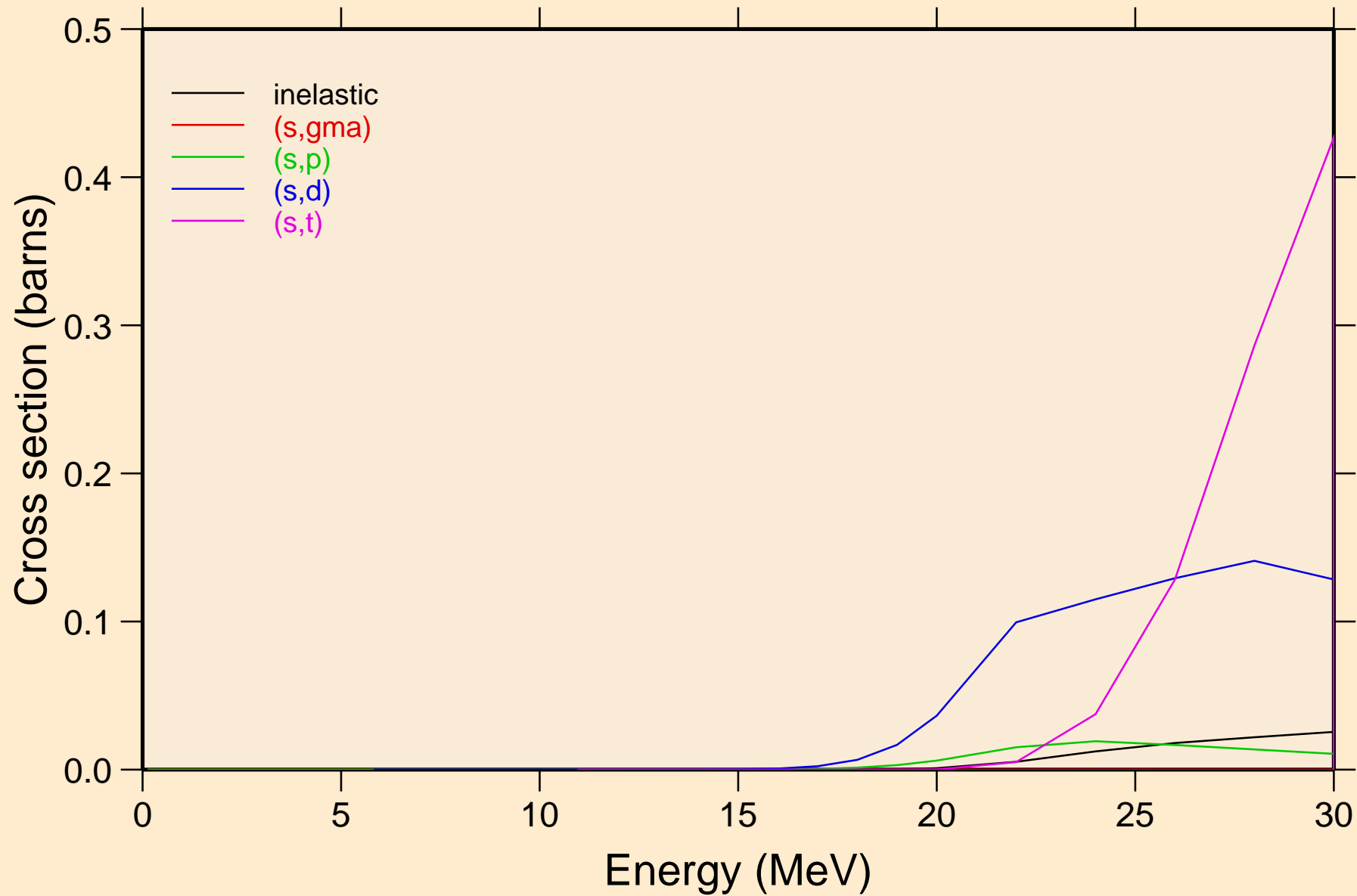
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

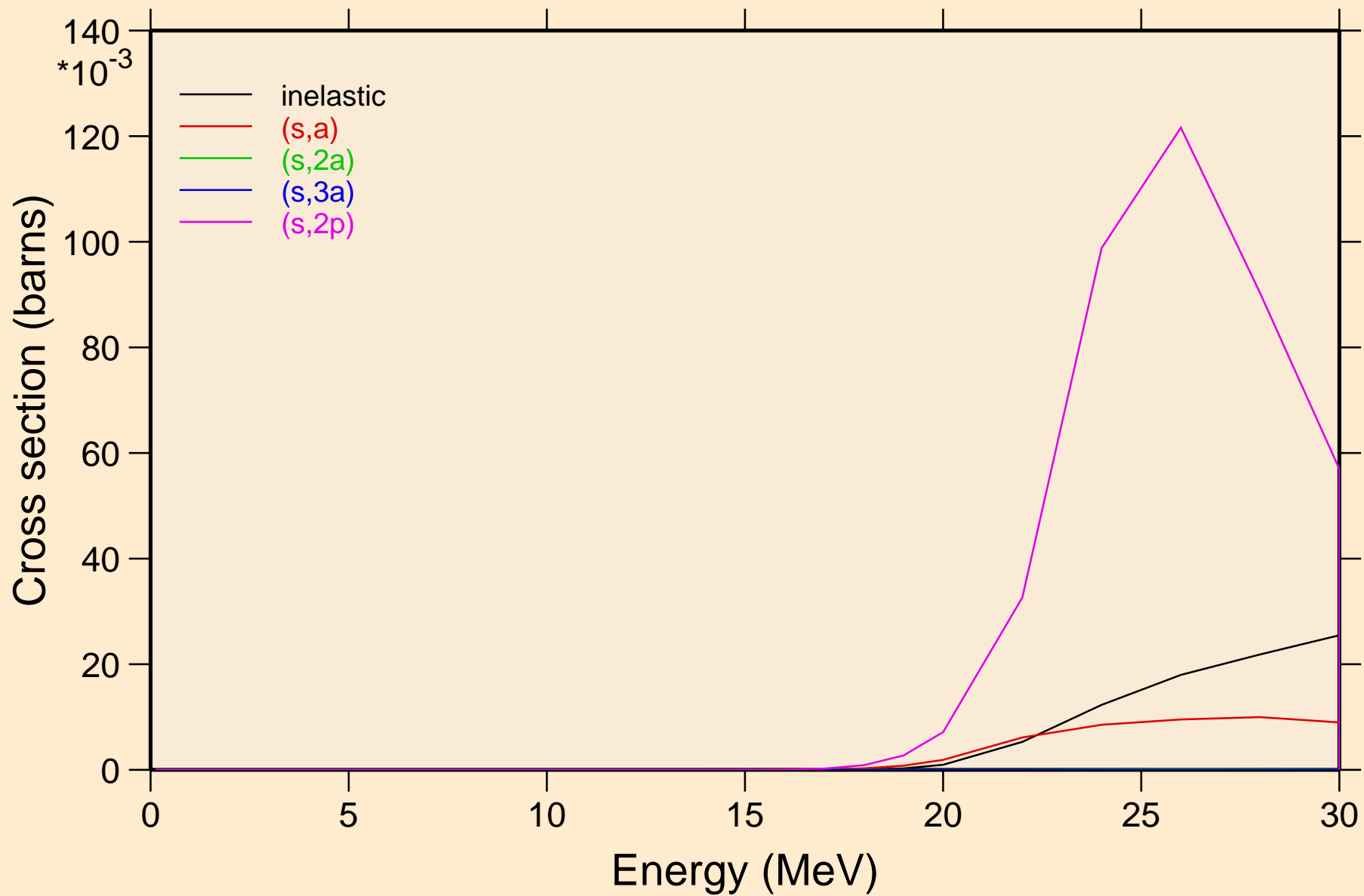


OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

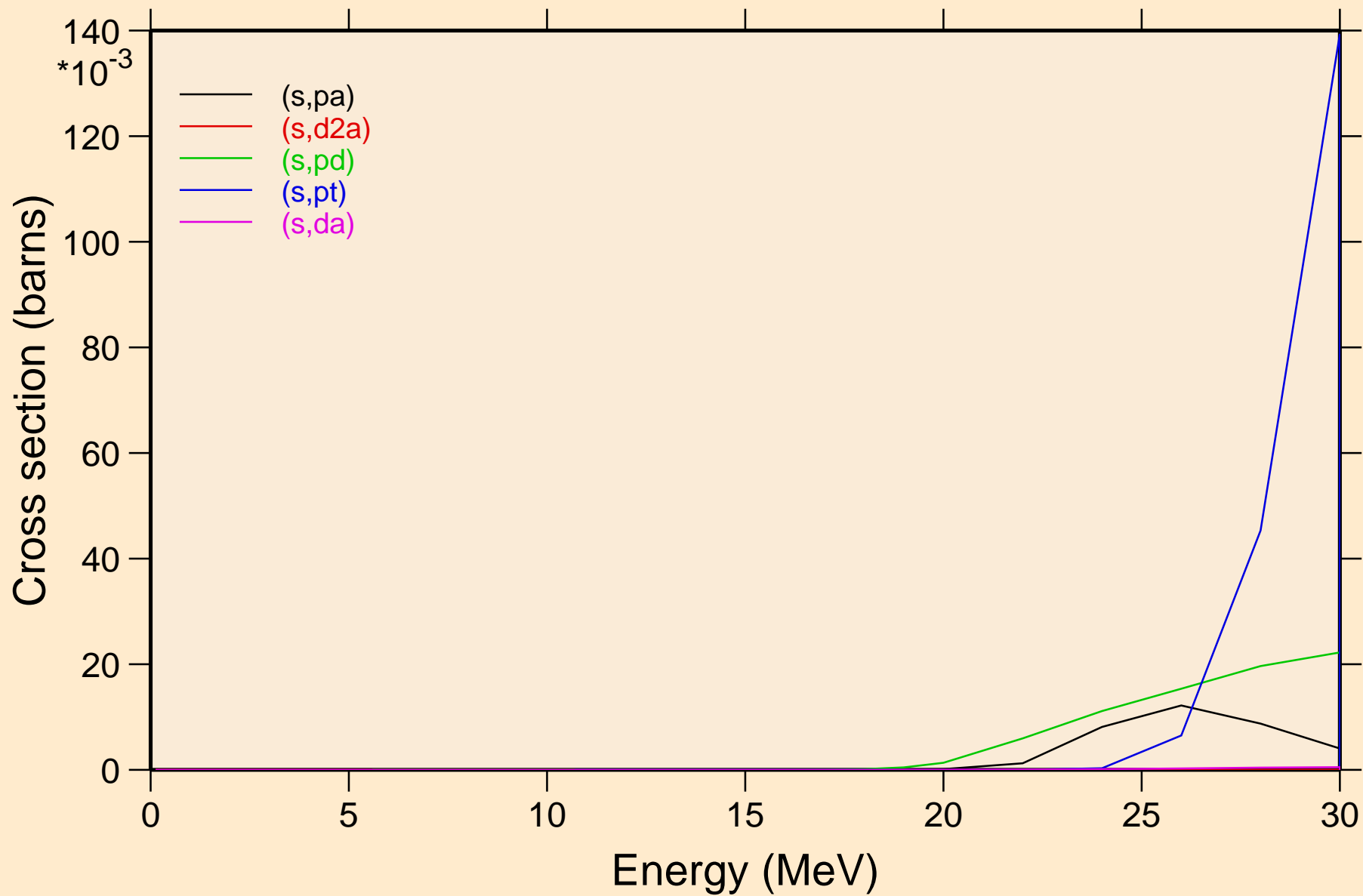


# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

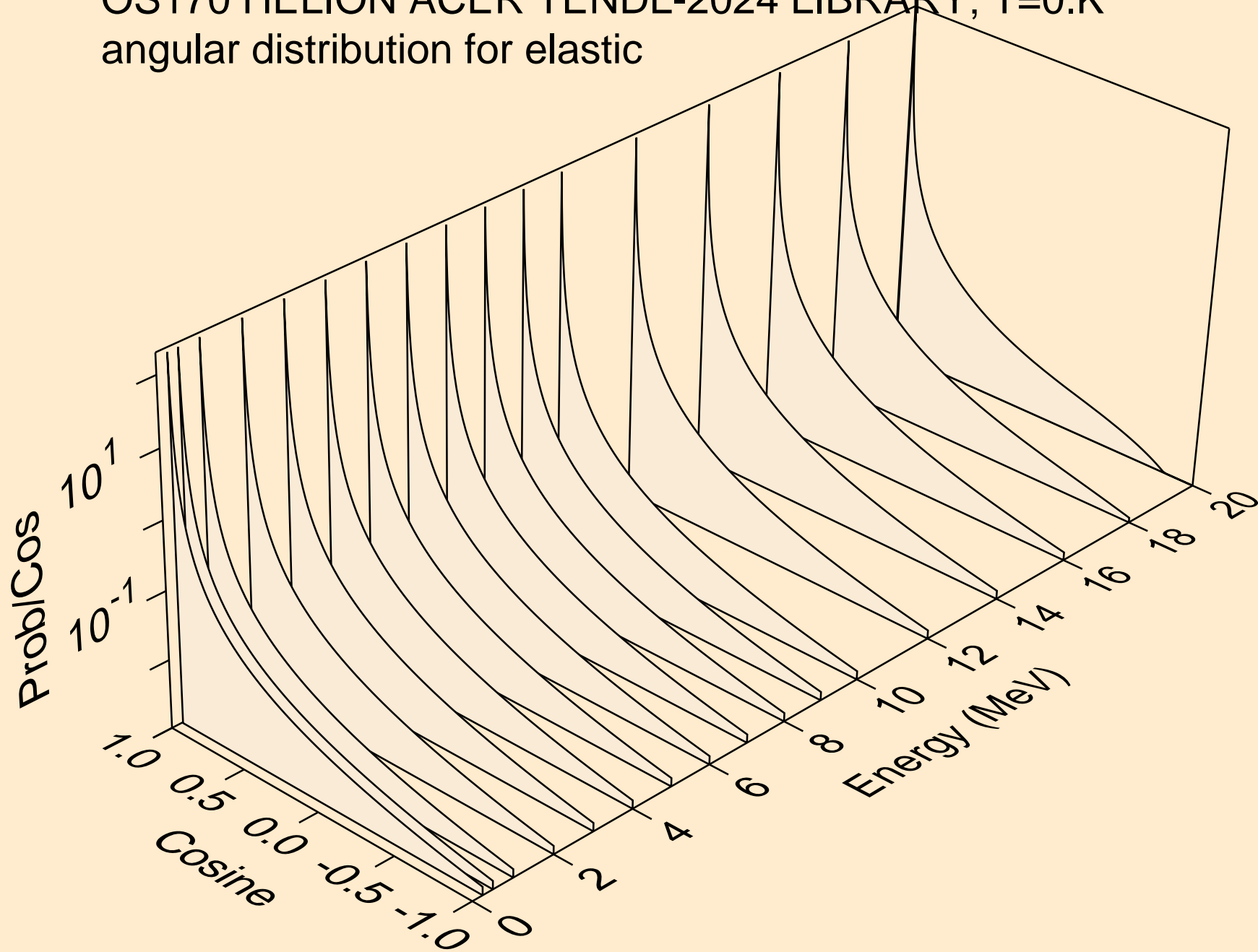
## Threshold reactions



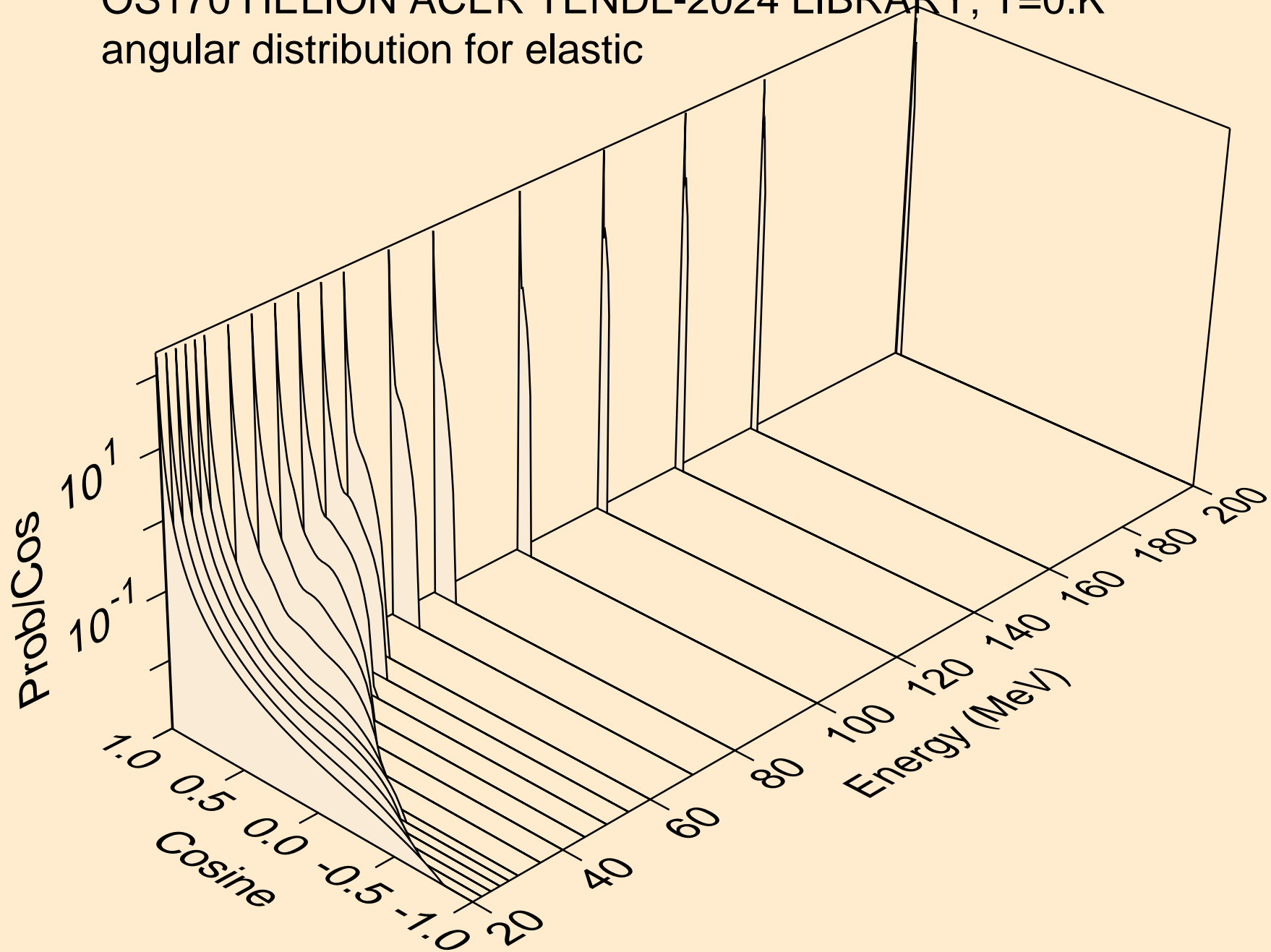
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



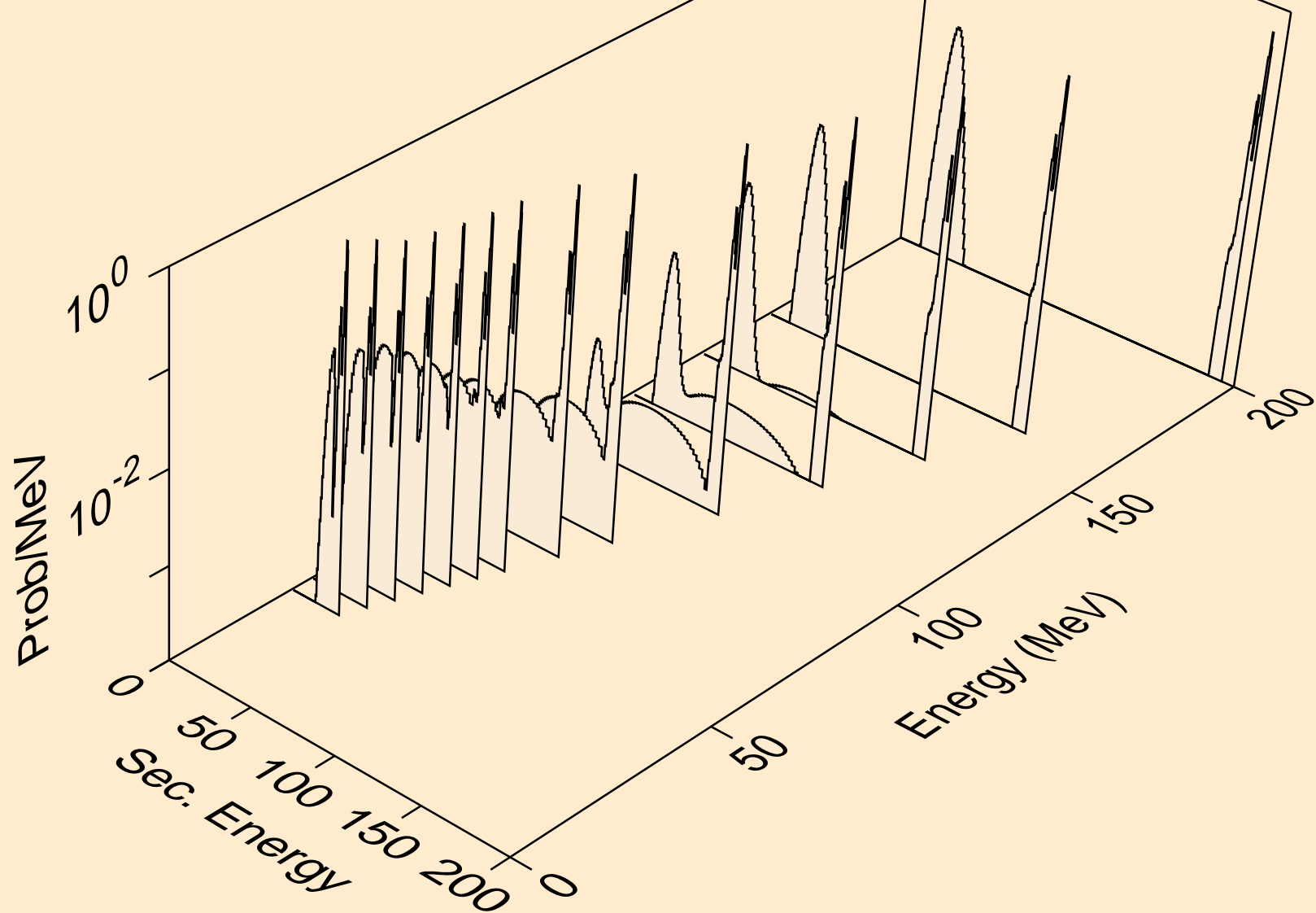
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



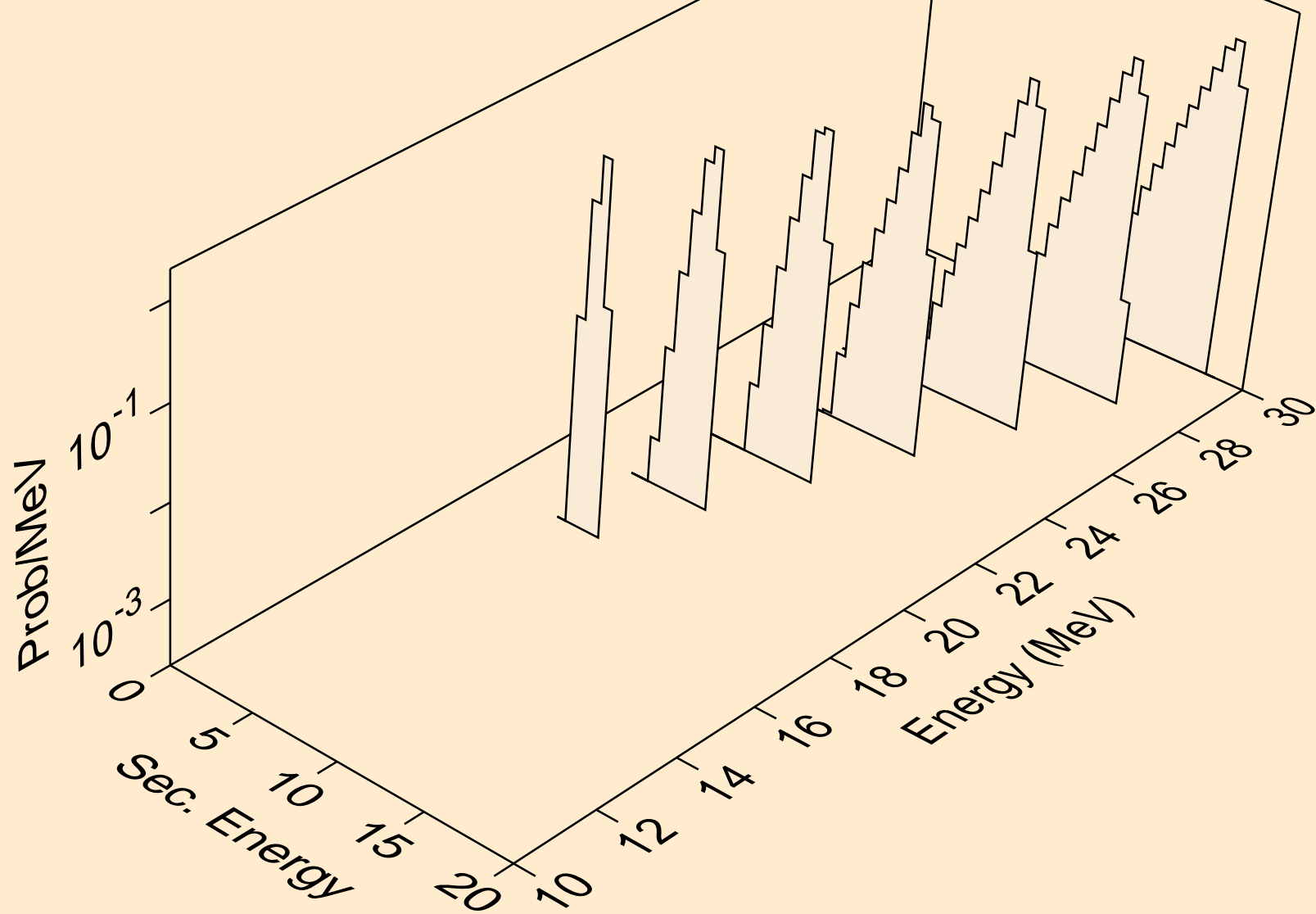
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



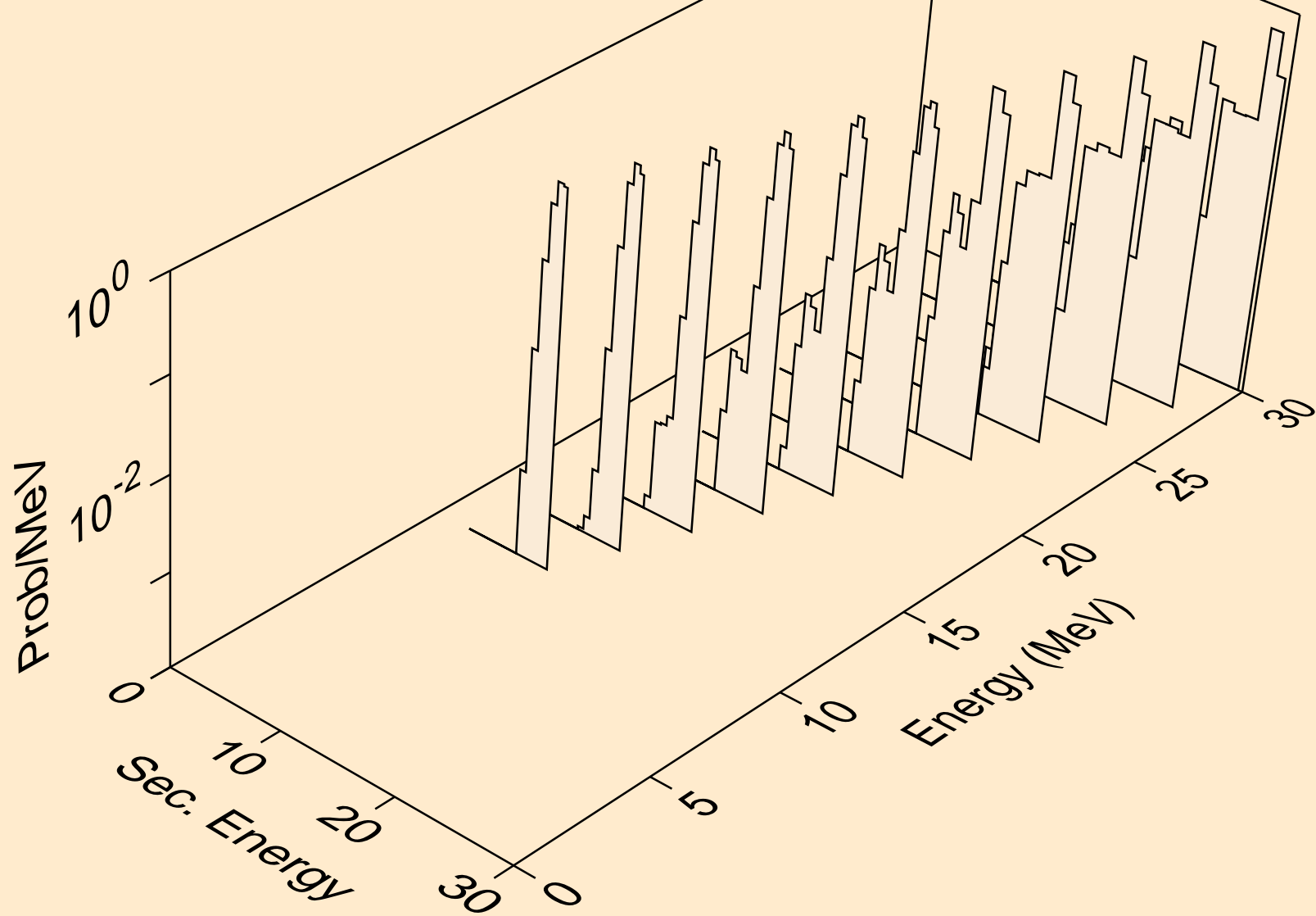
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



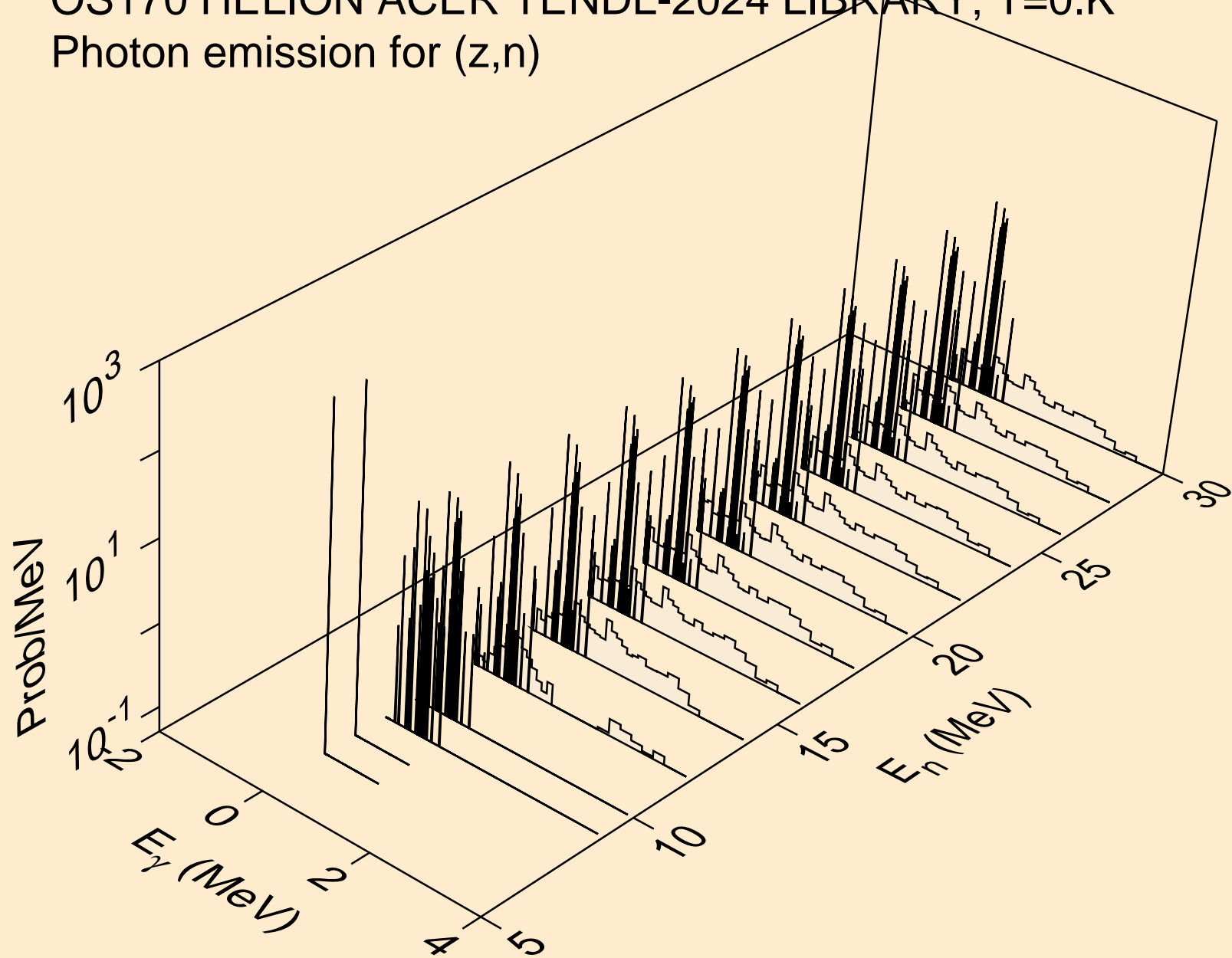
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



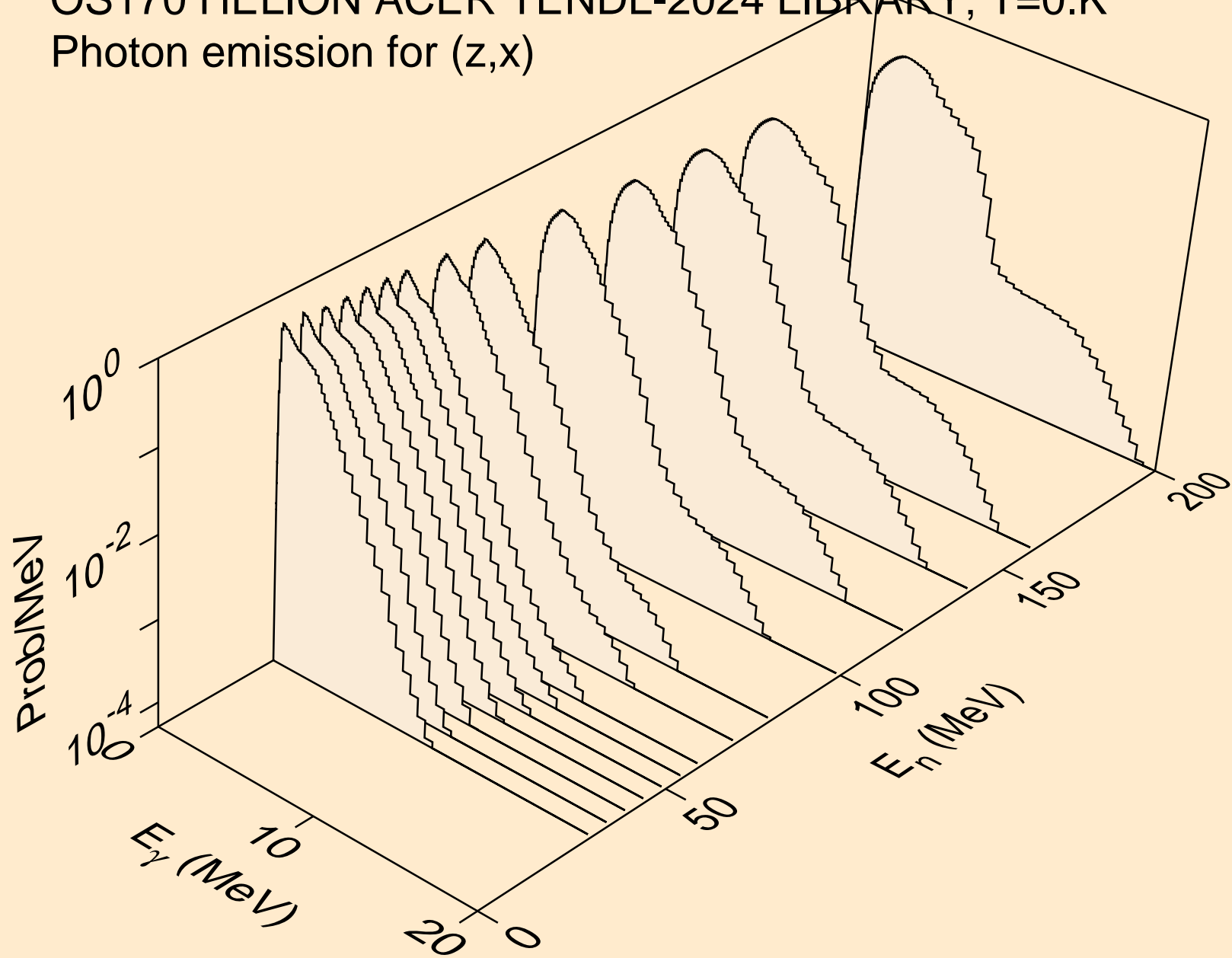
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



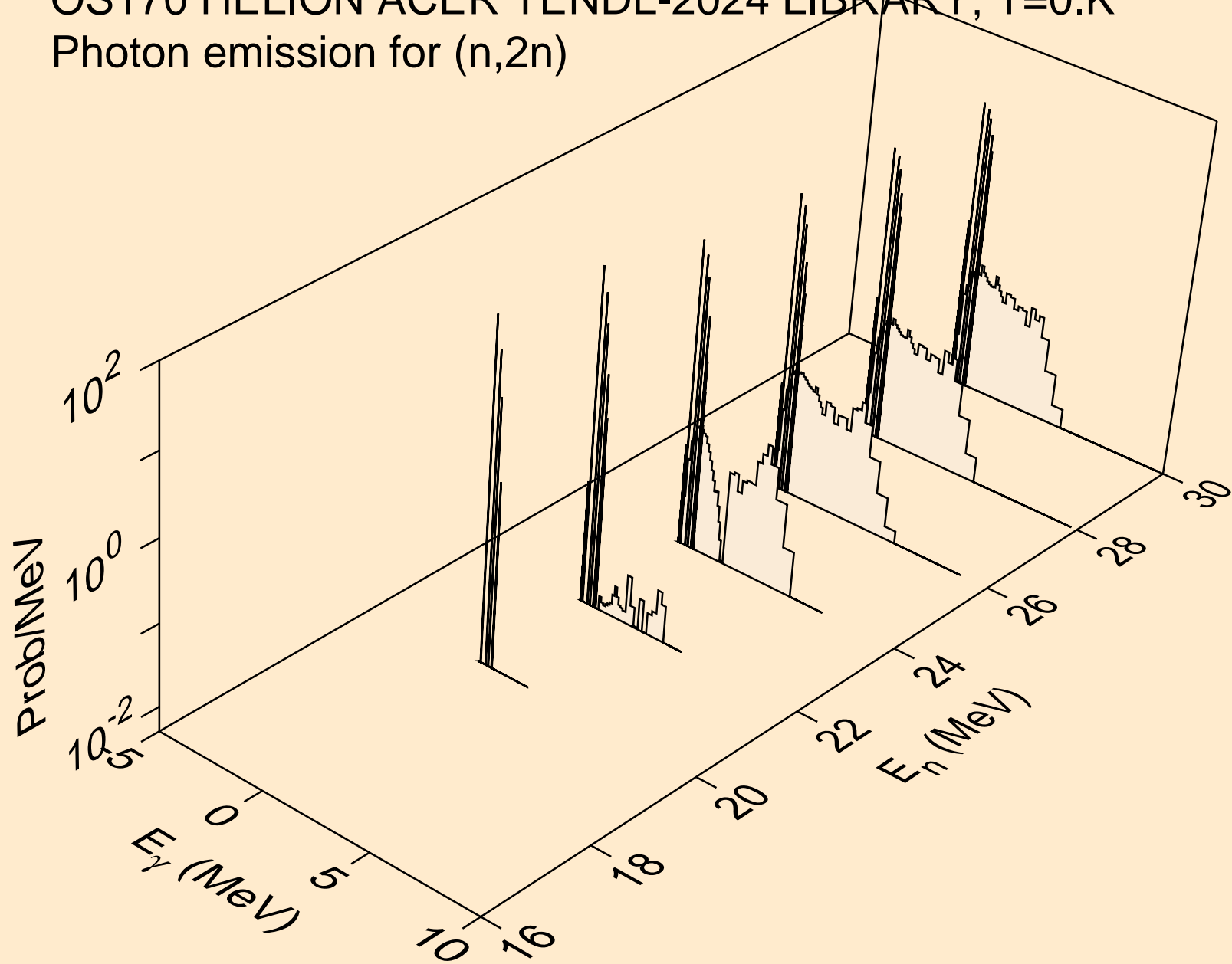
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



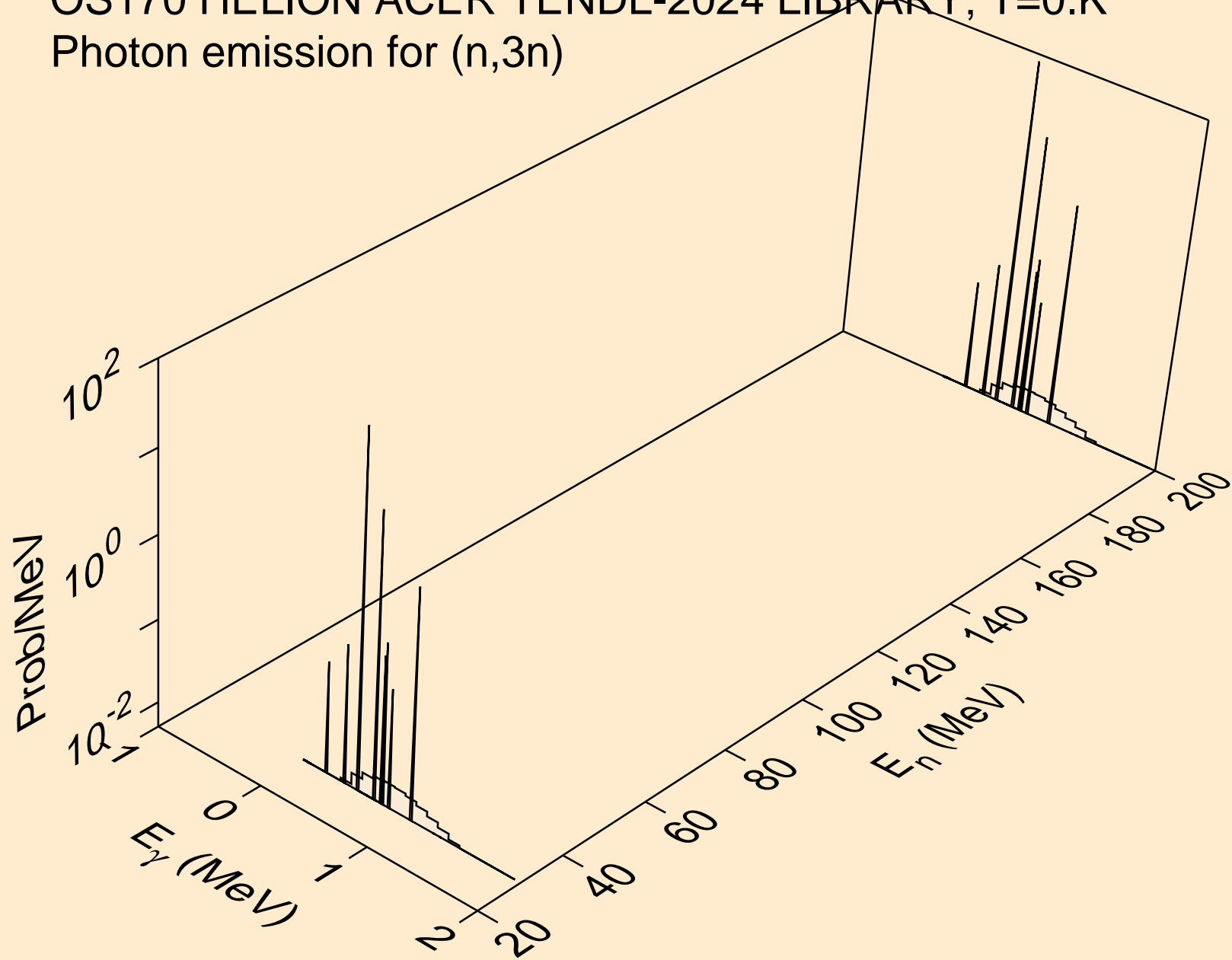
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



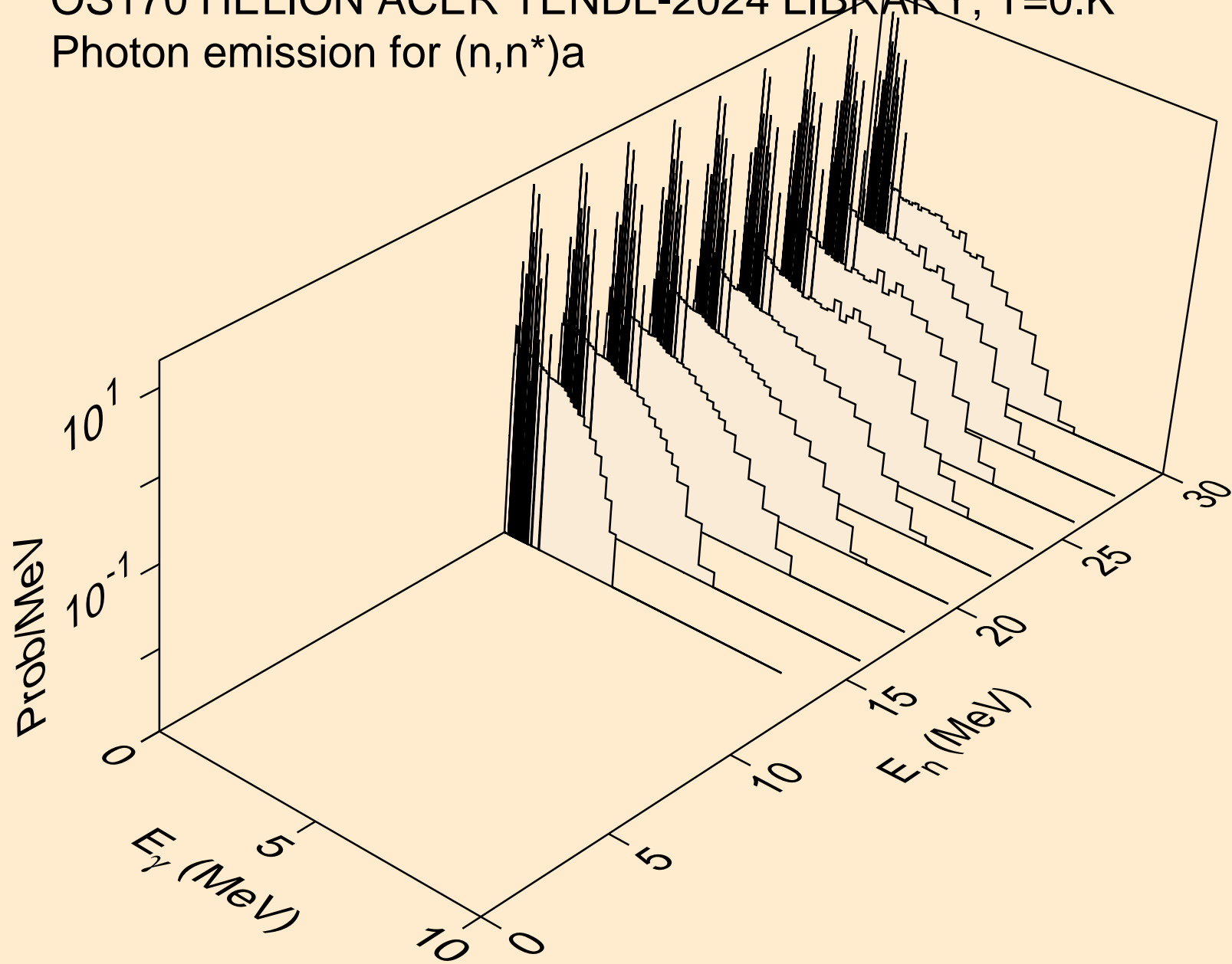
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



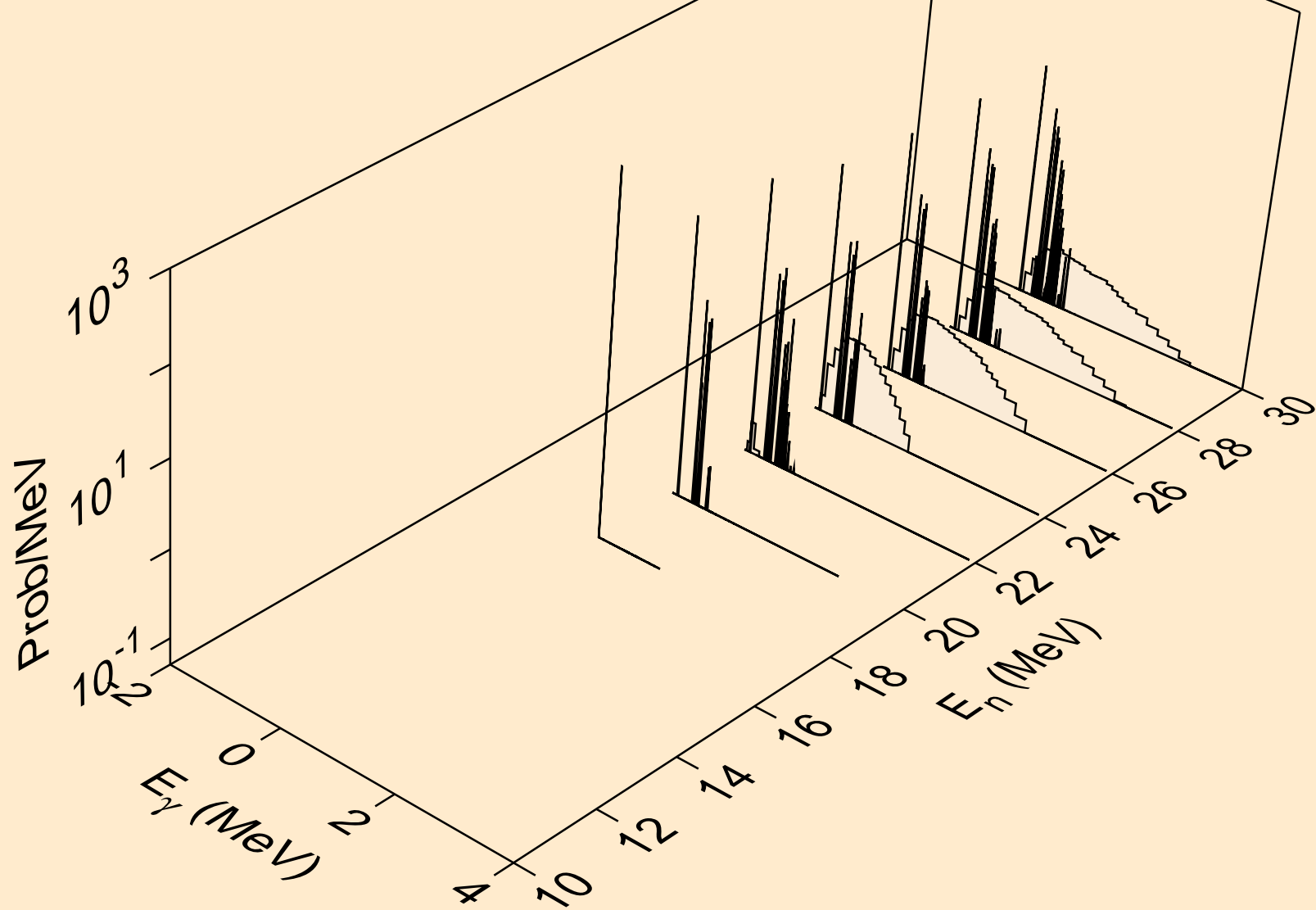
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



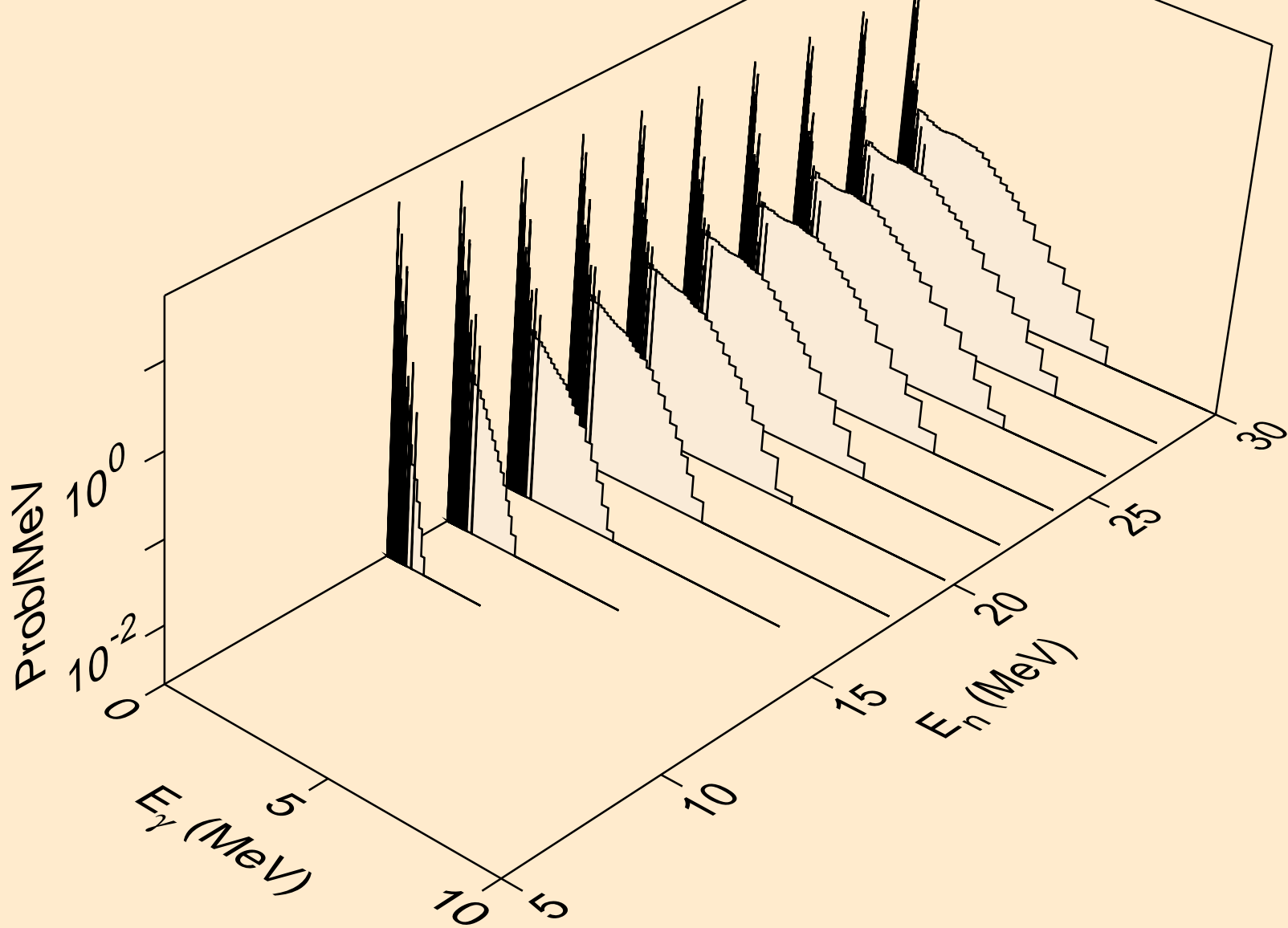
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



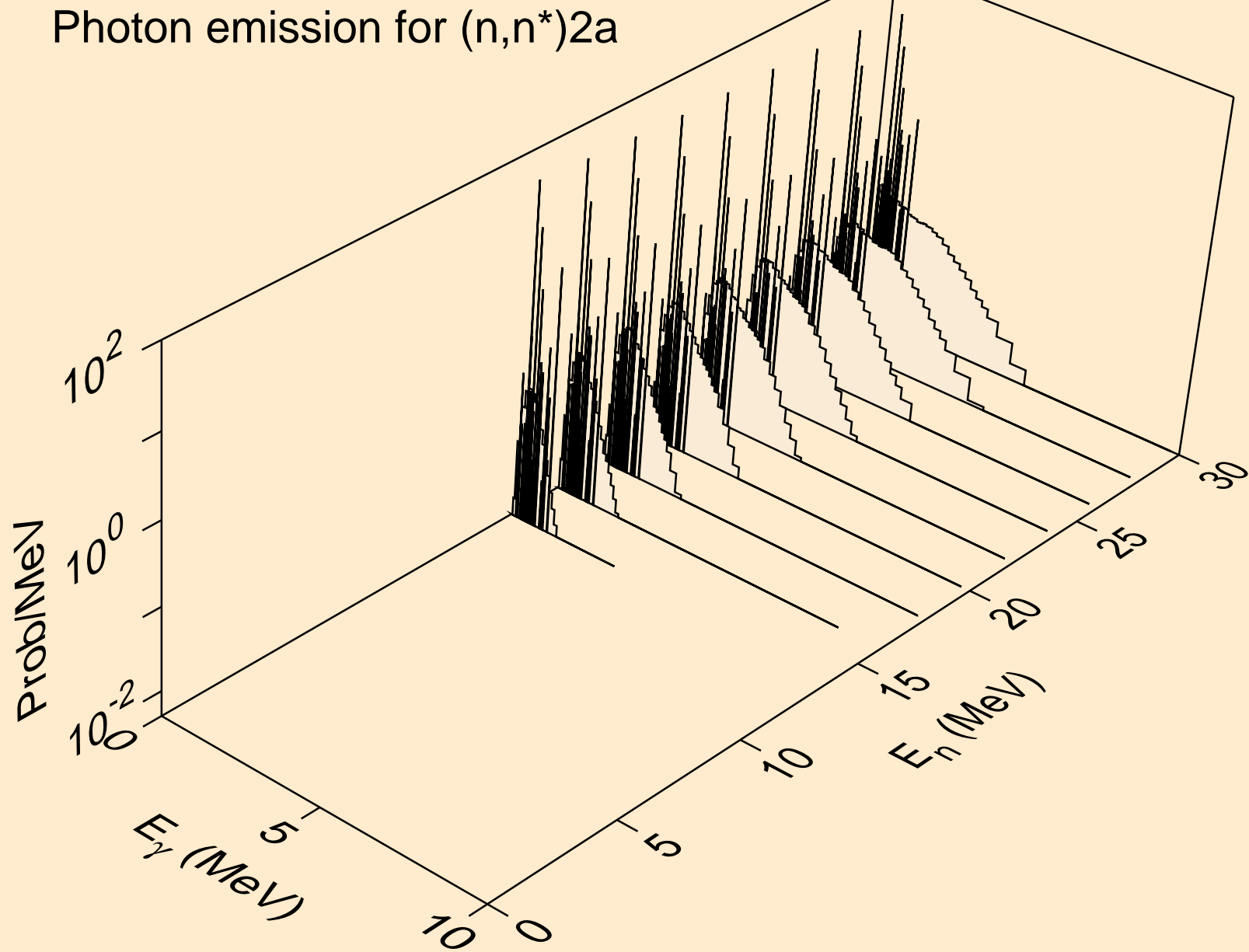
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



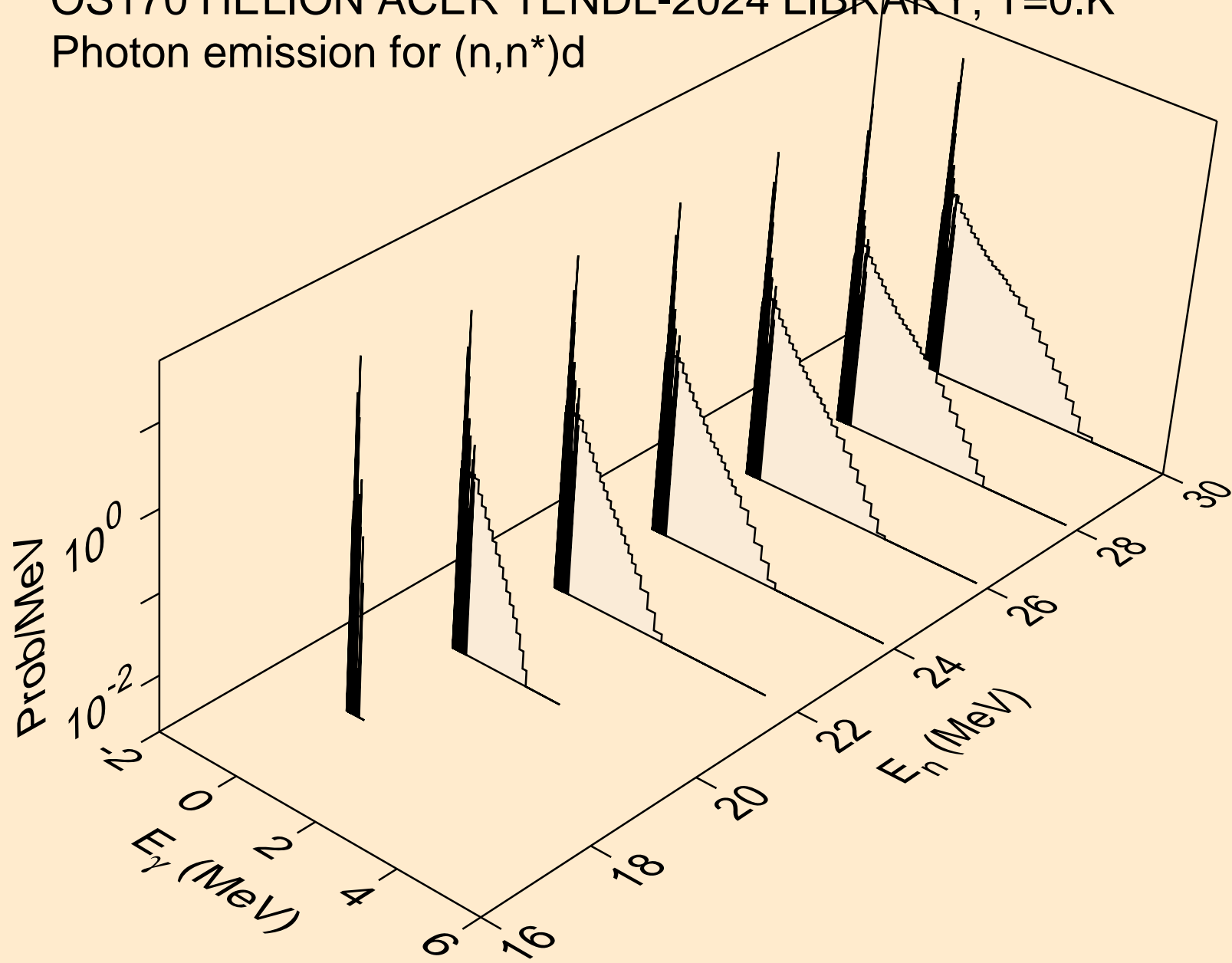
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



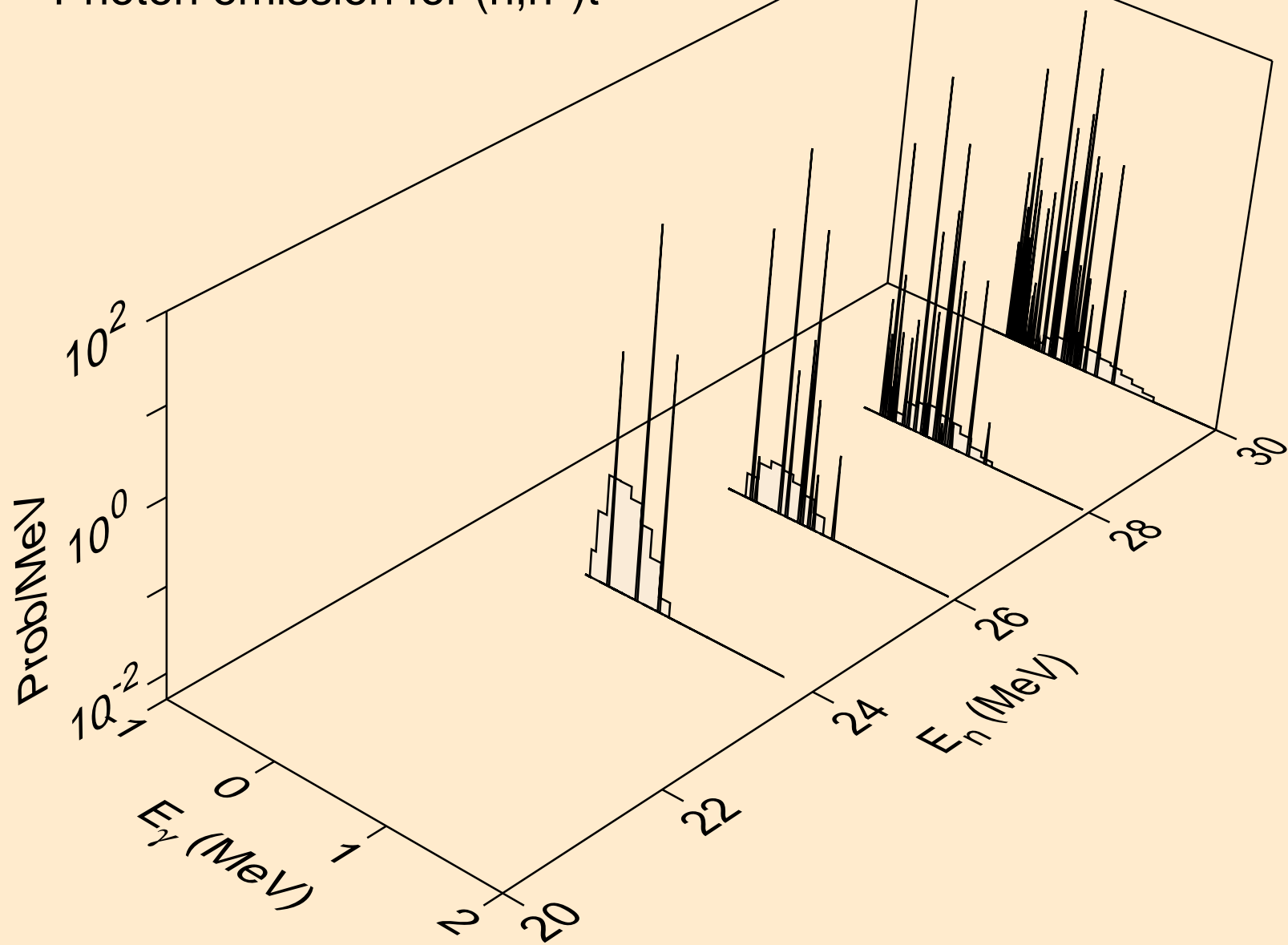
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



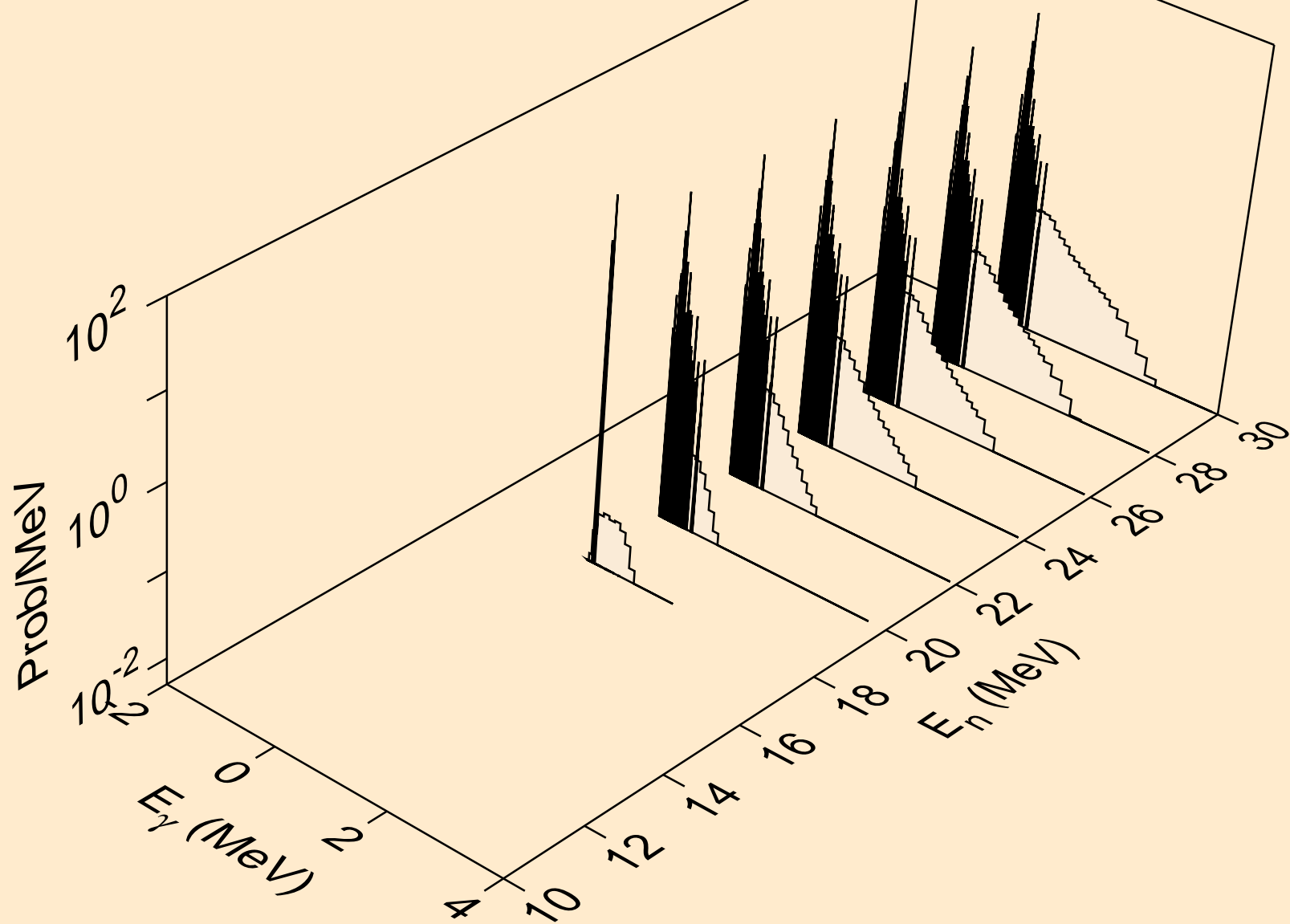
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



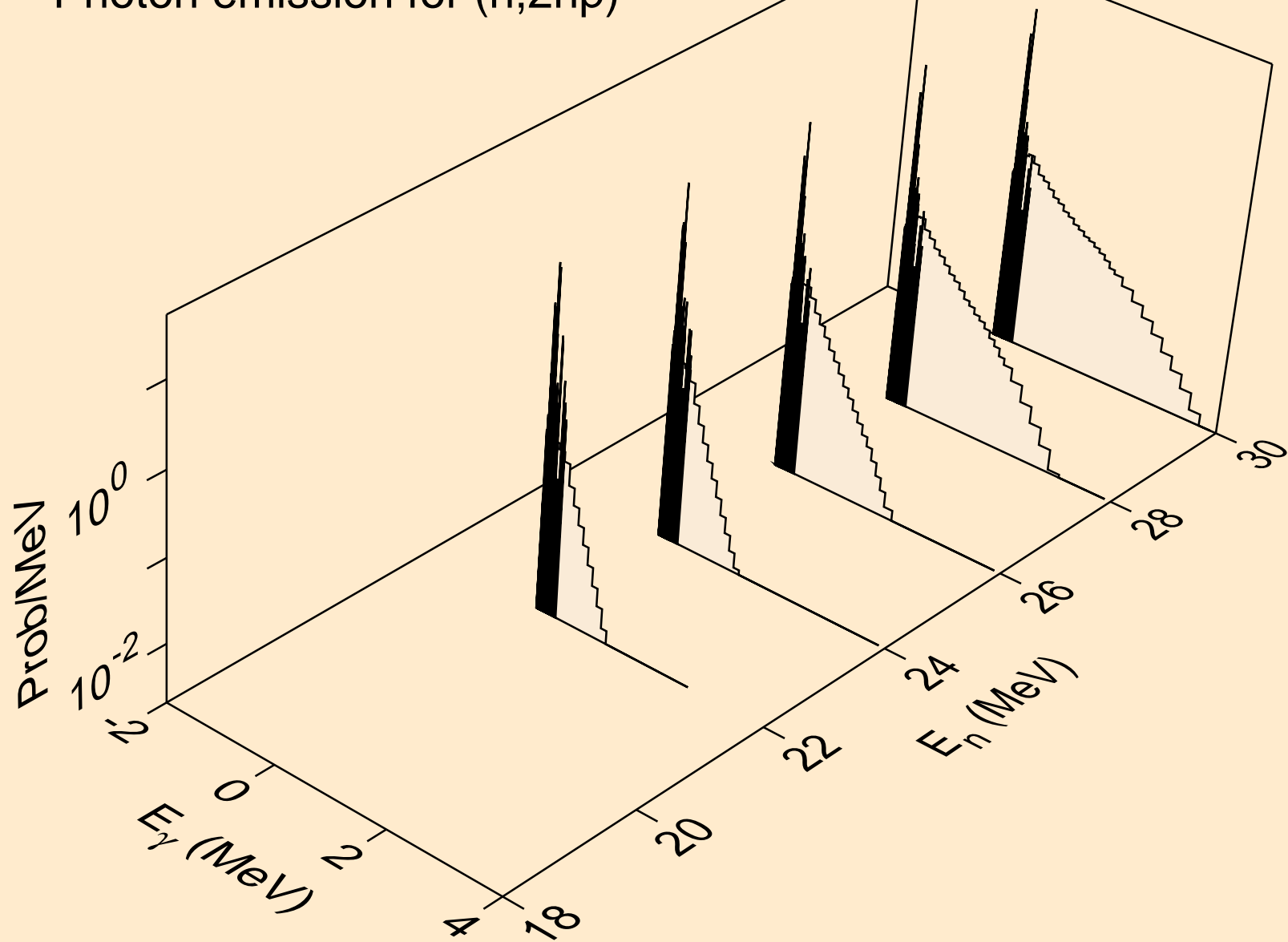
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



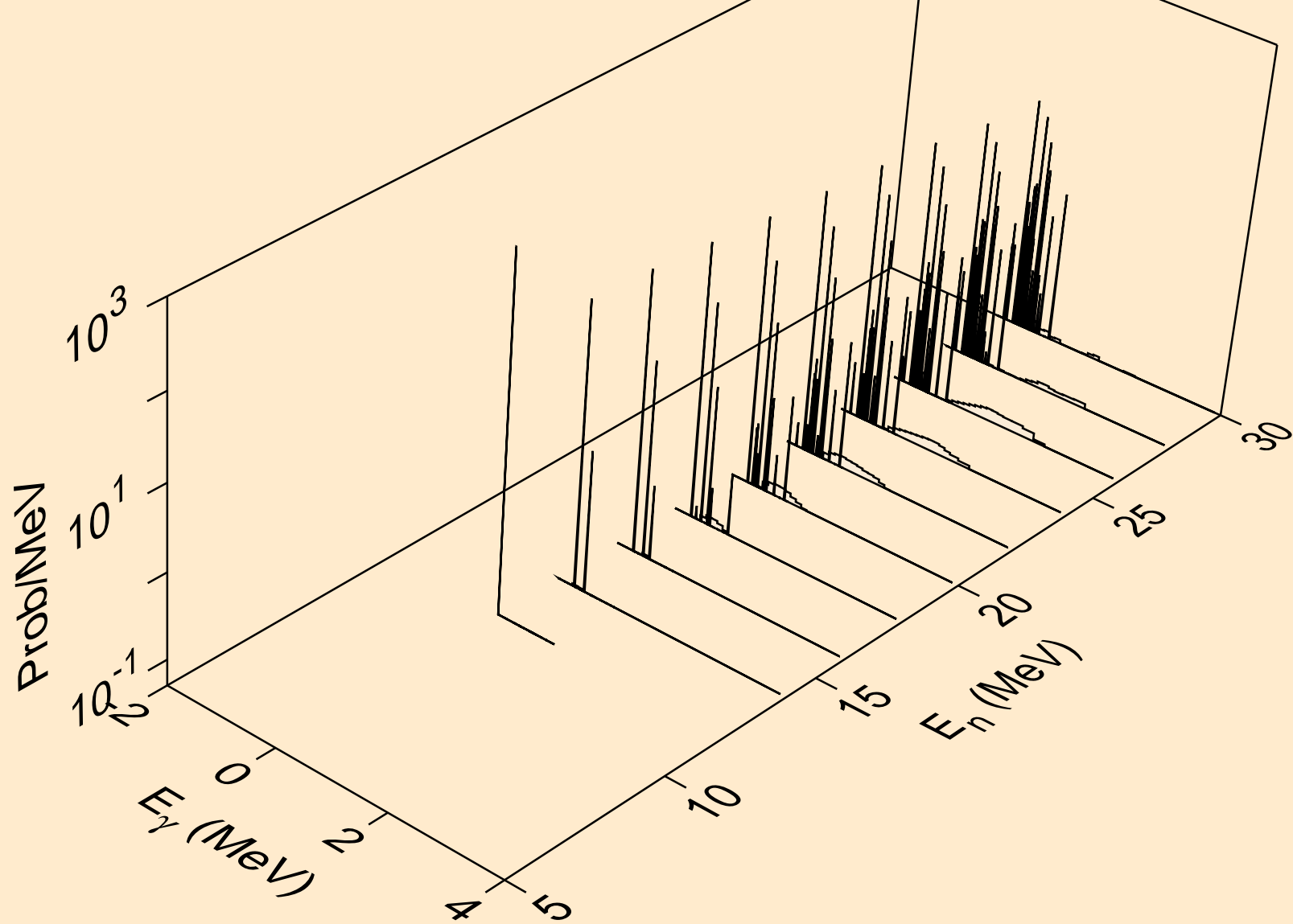
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



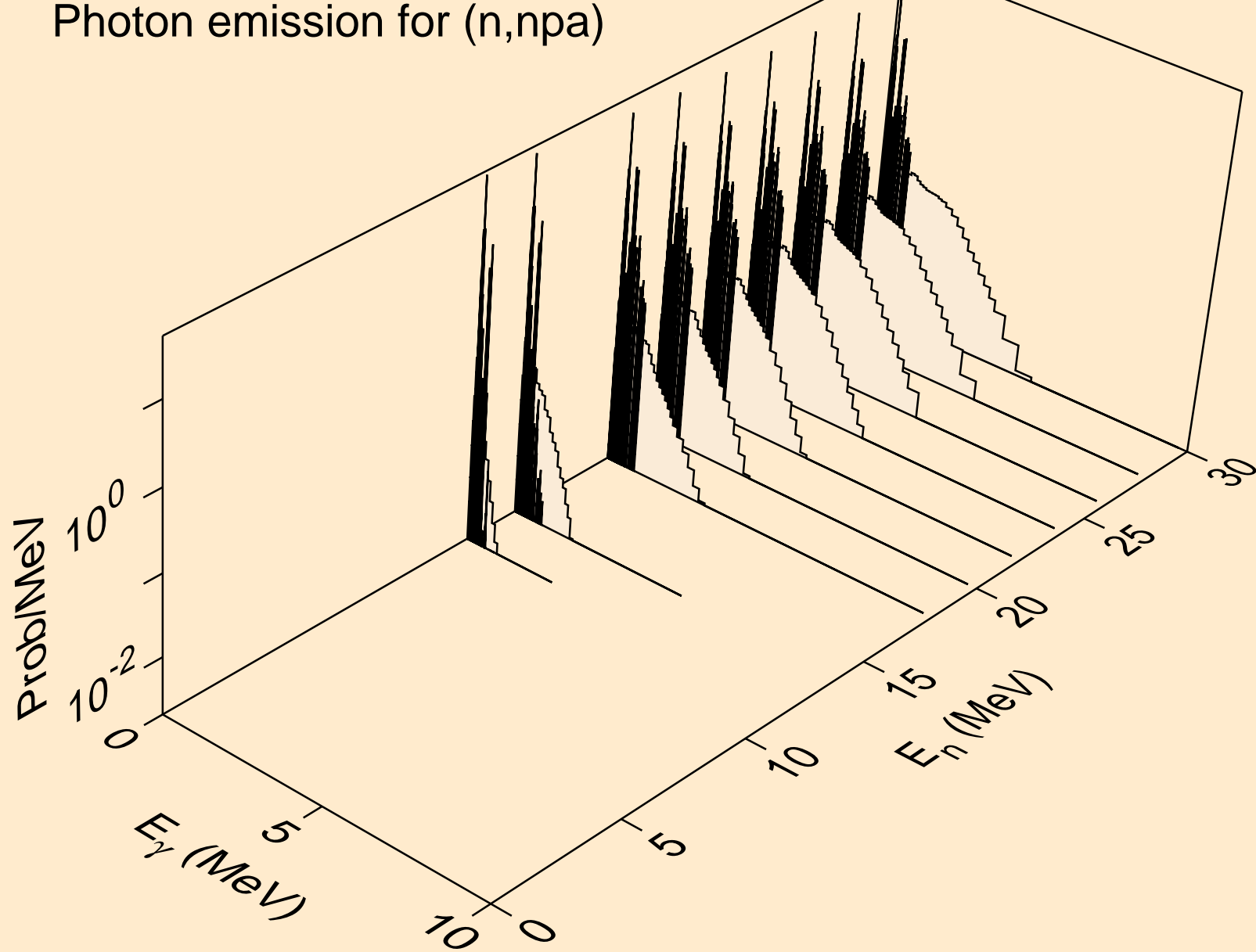
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



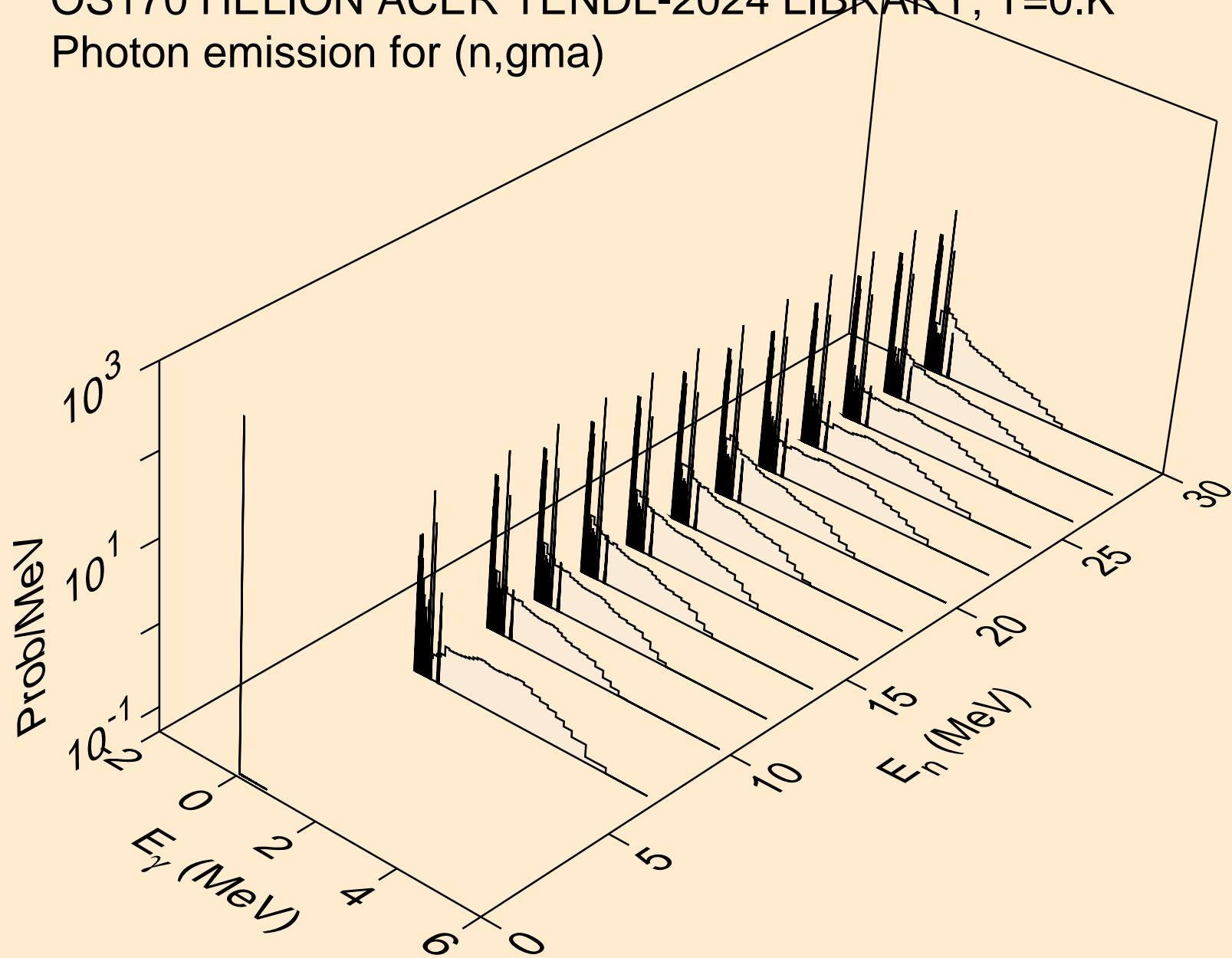
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



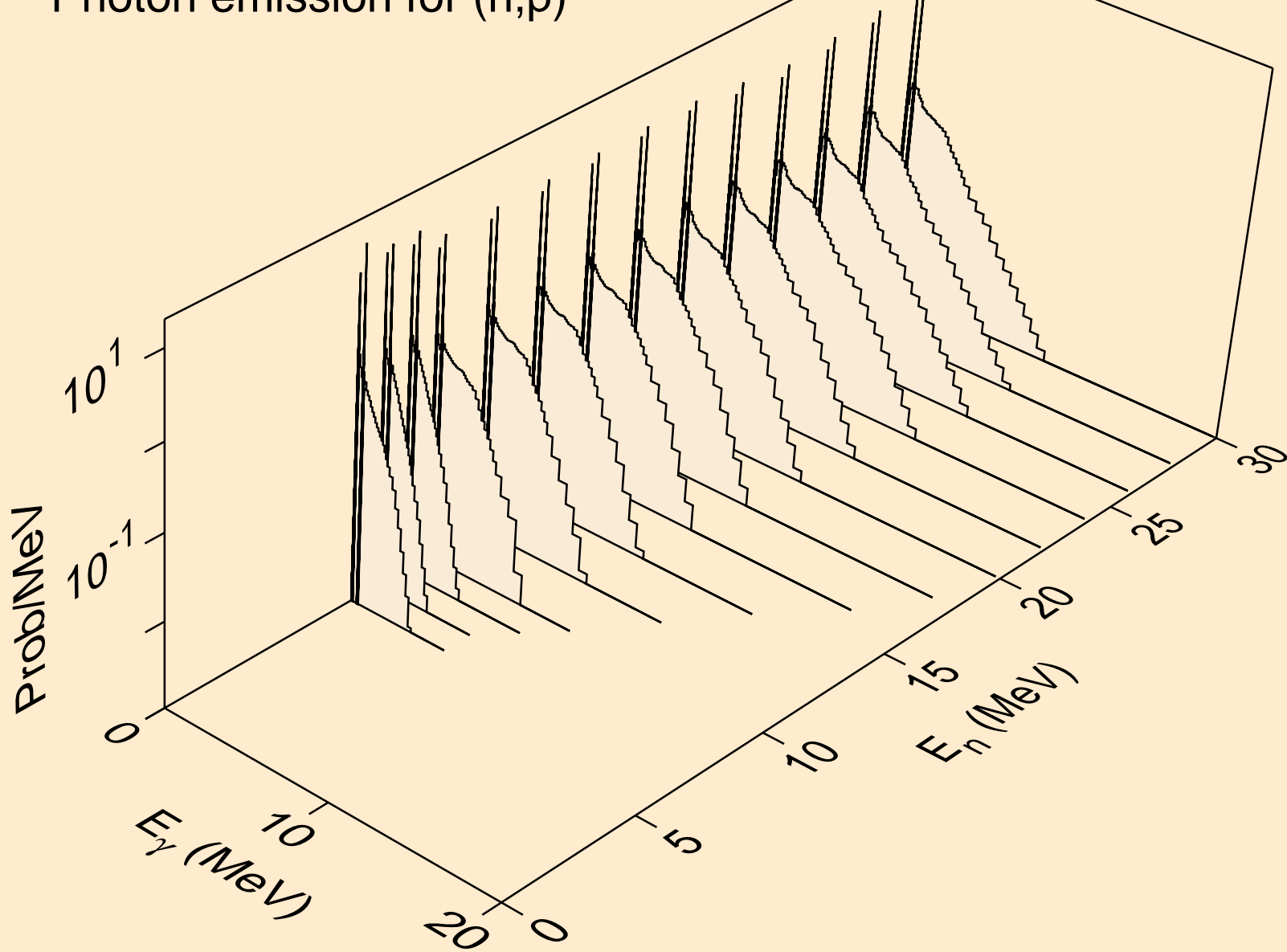
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



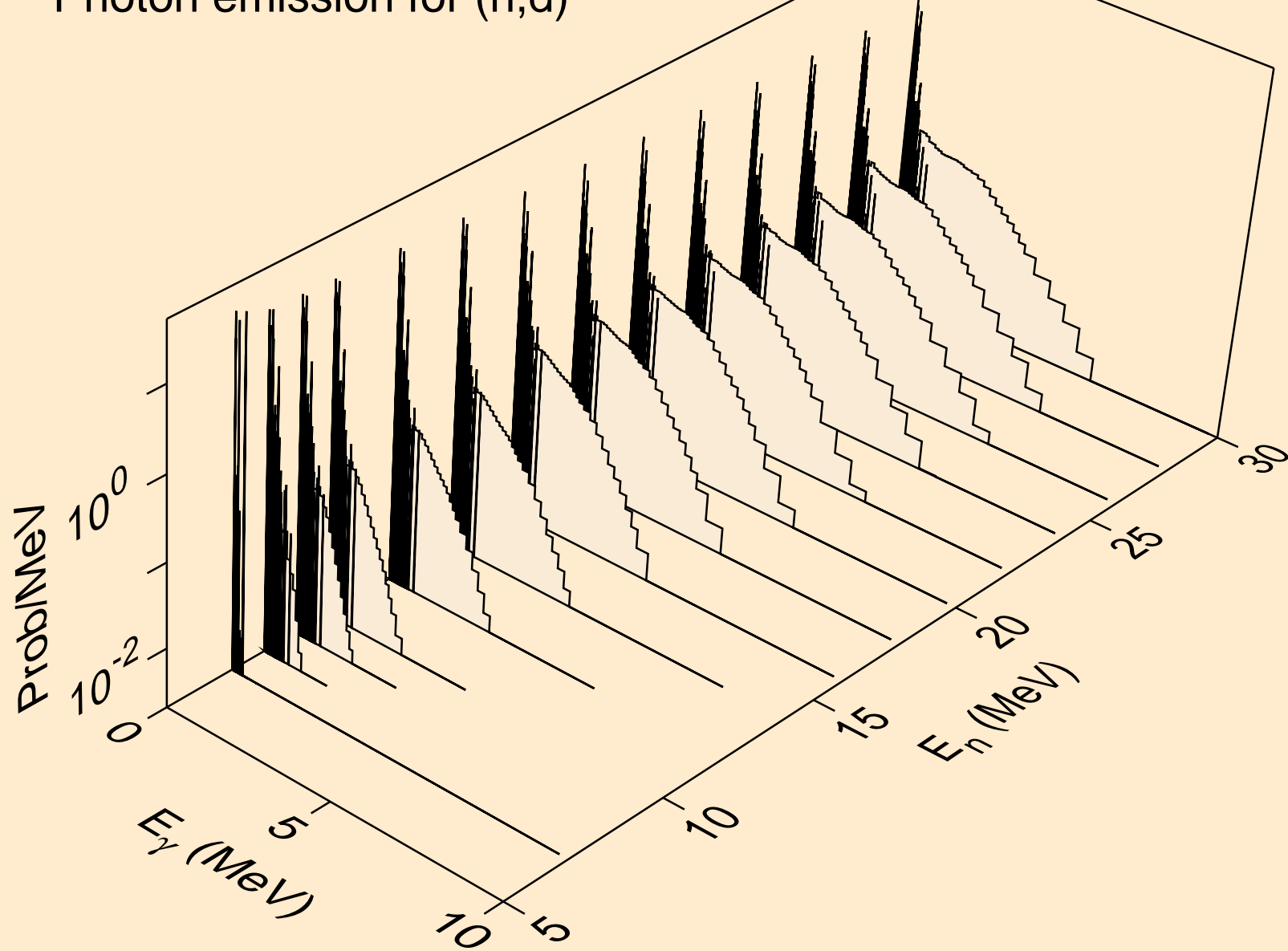
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Photon emission for (n,gma)



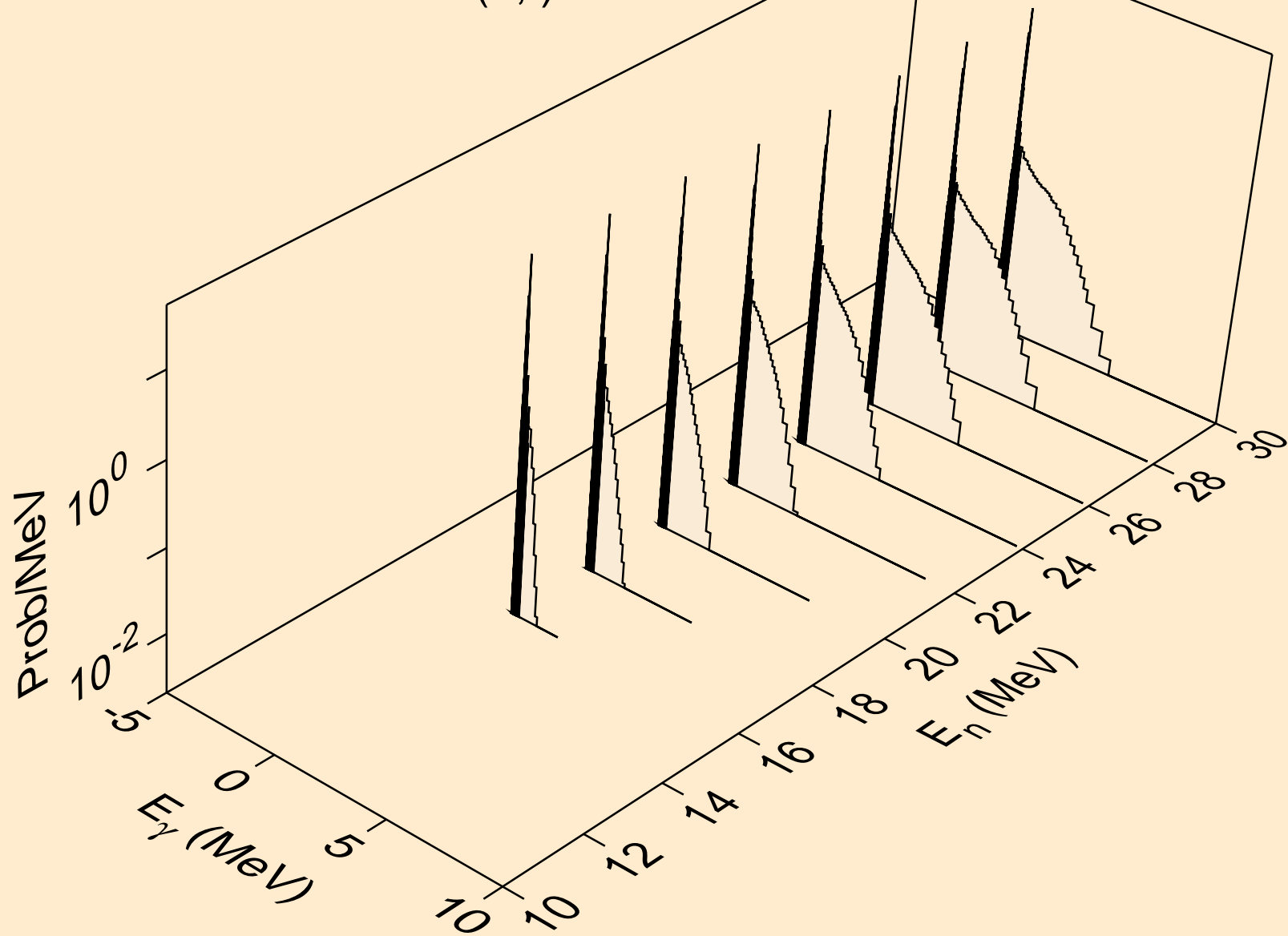
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



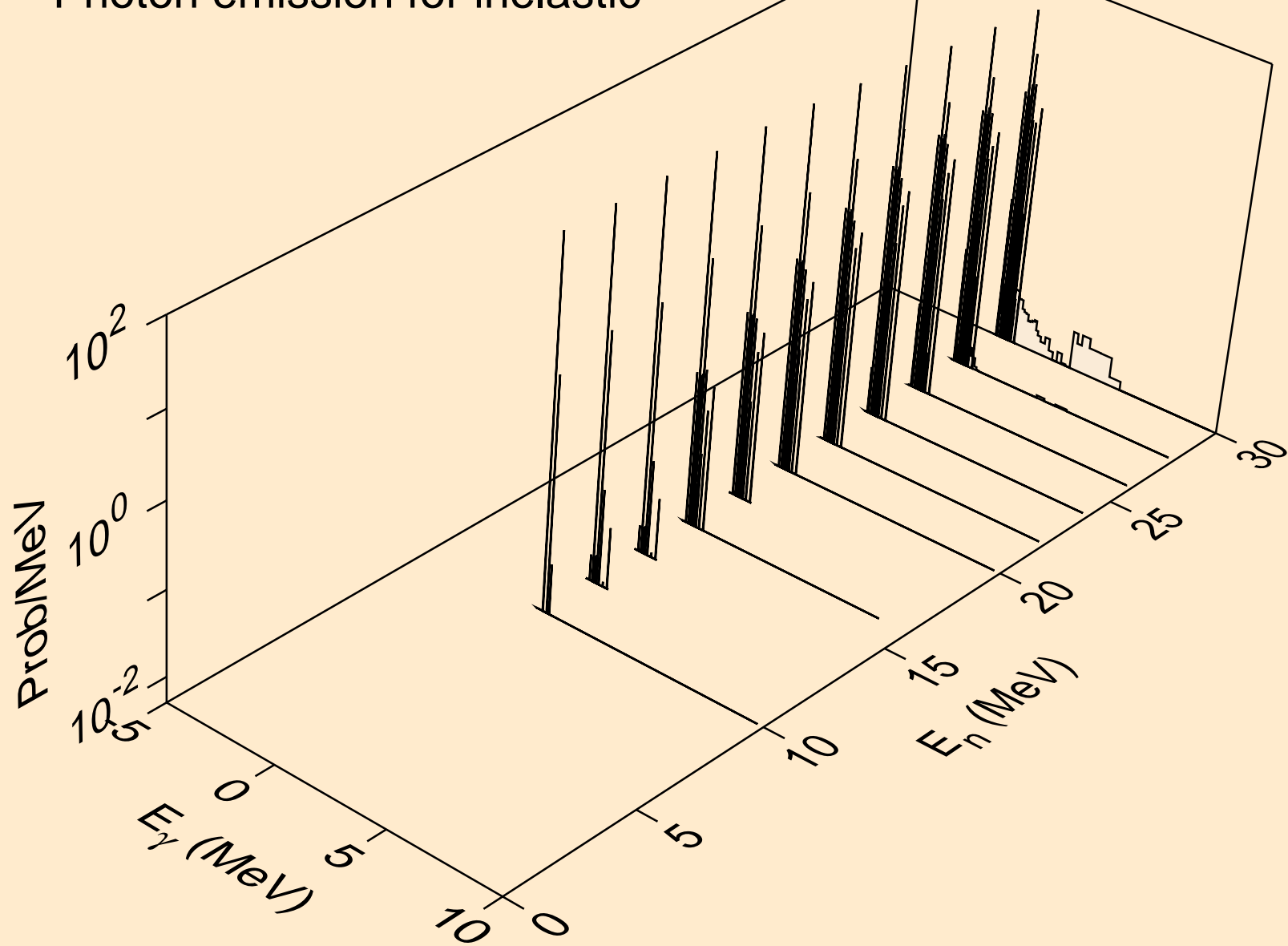
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



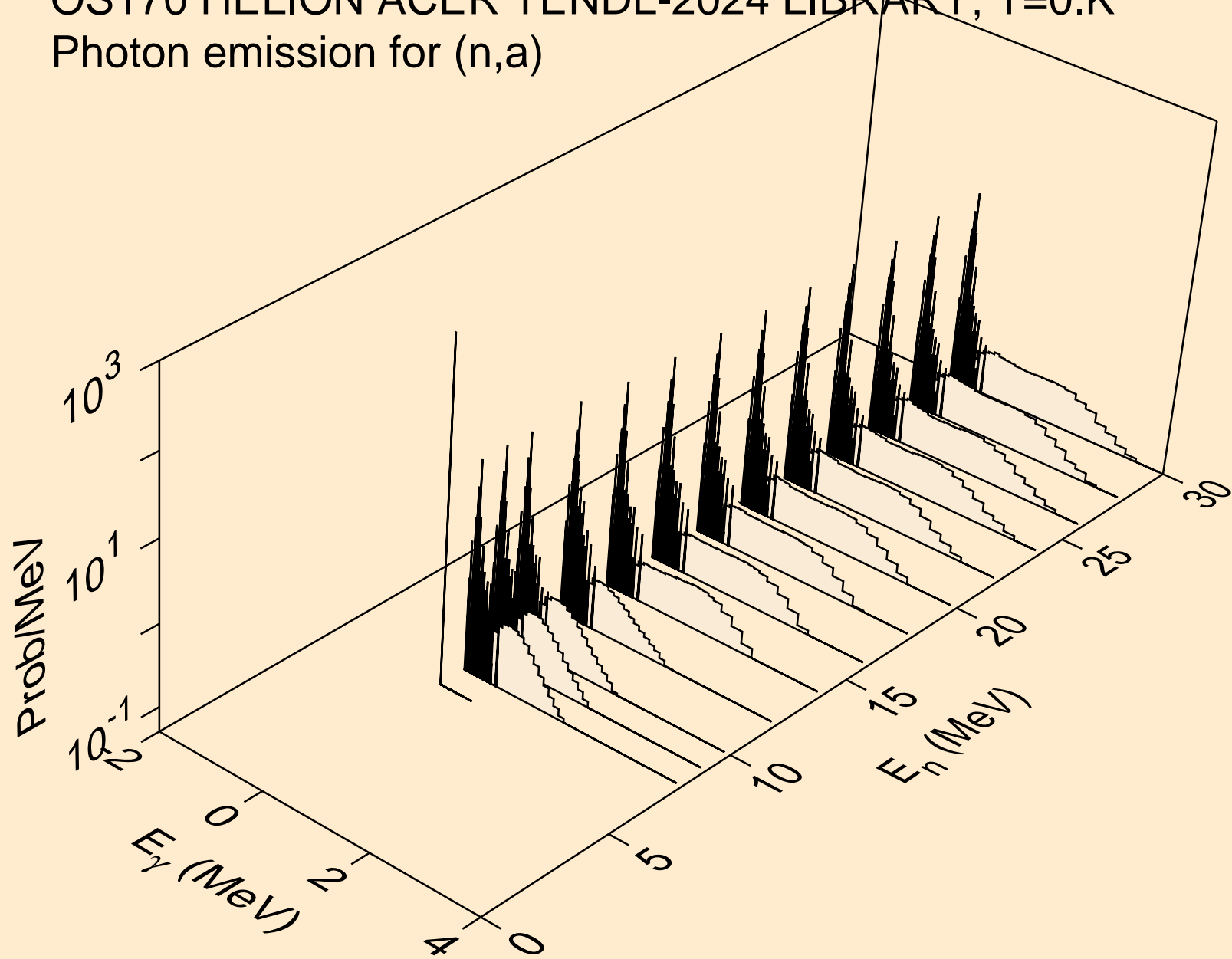
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



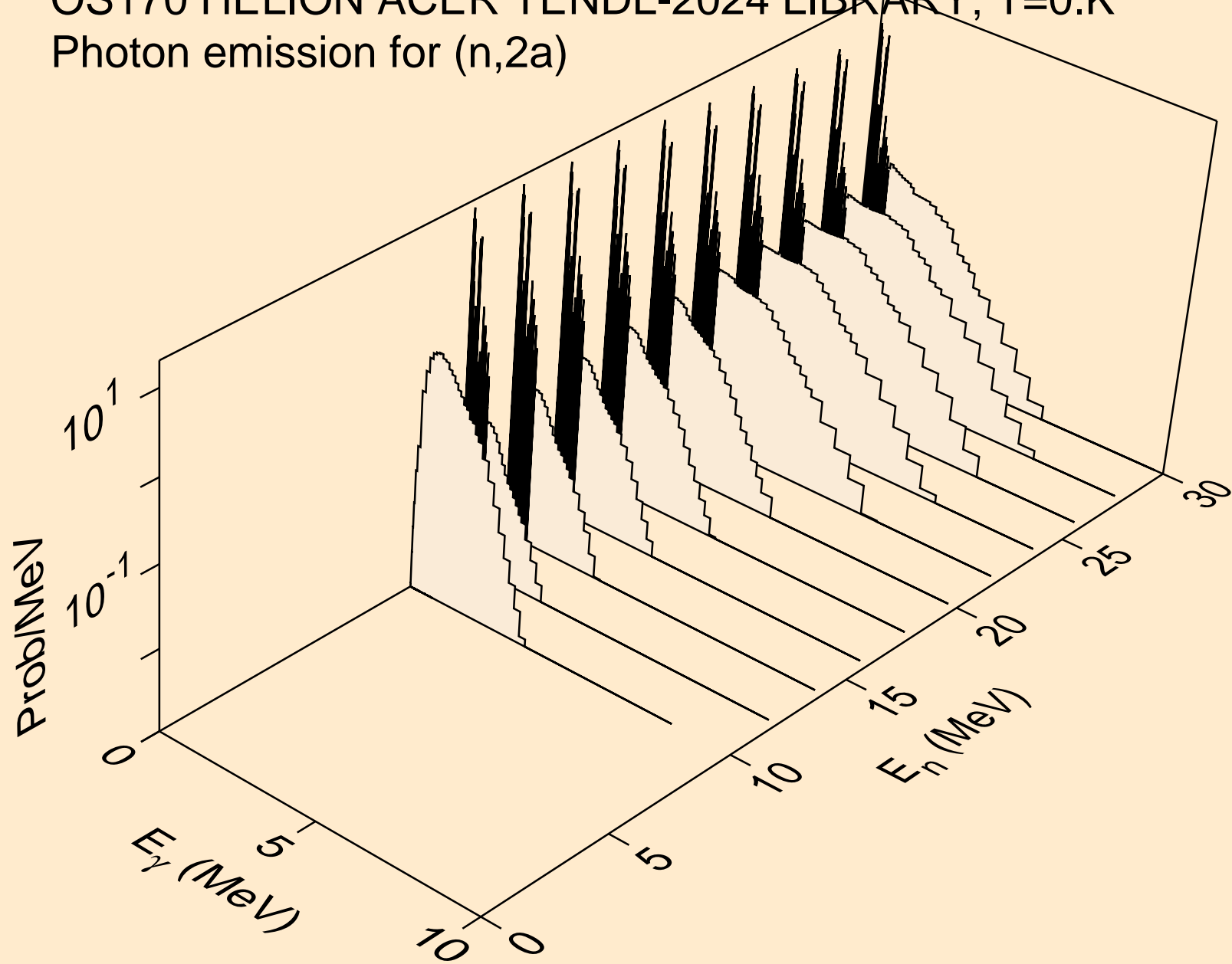
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



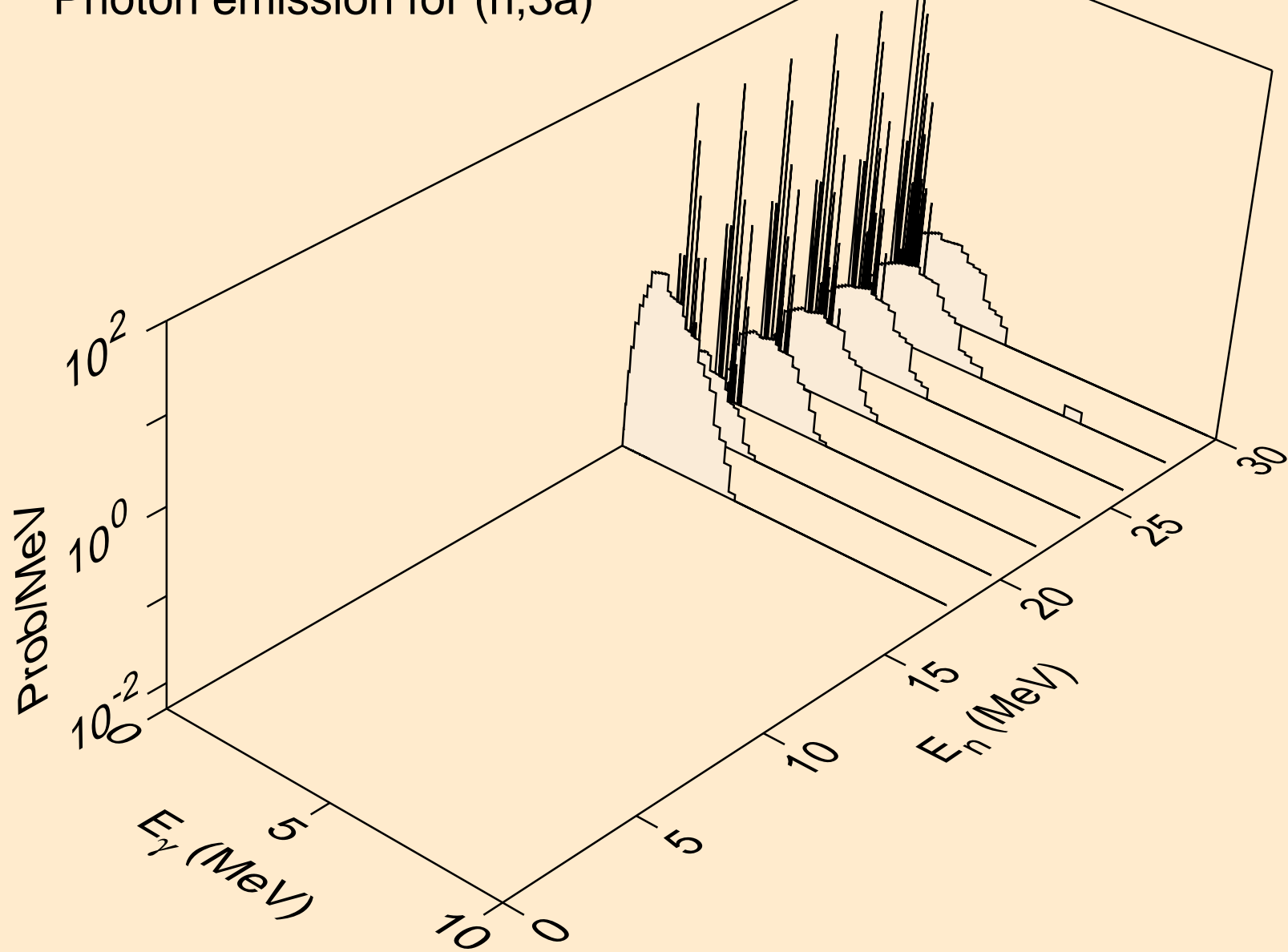
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Photon emission for (n,a)



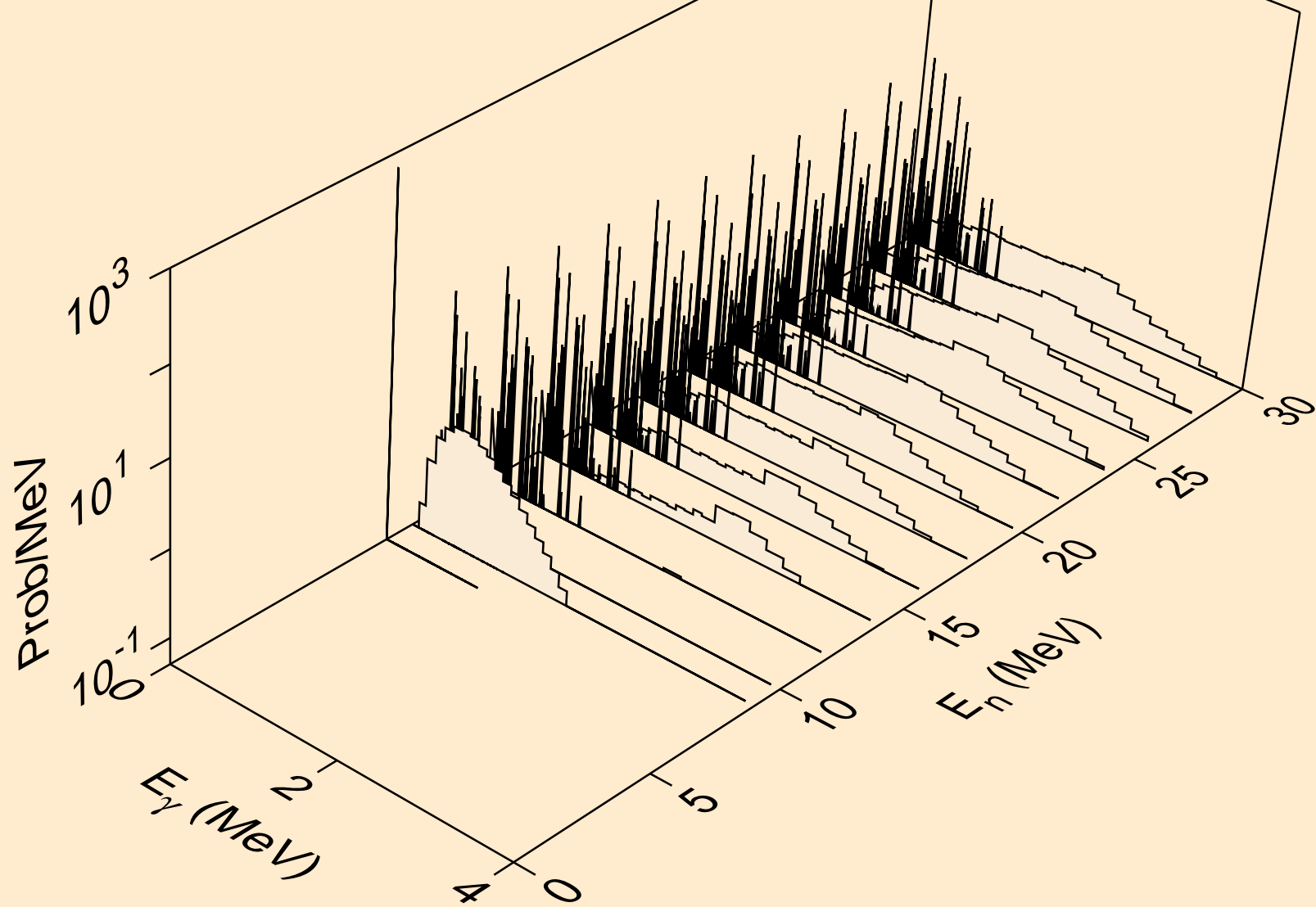
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



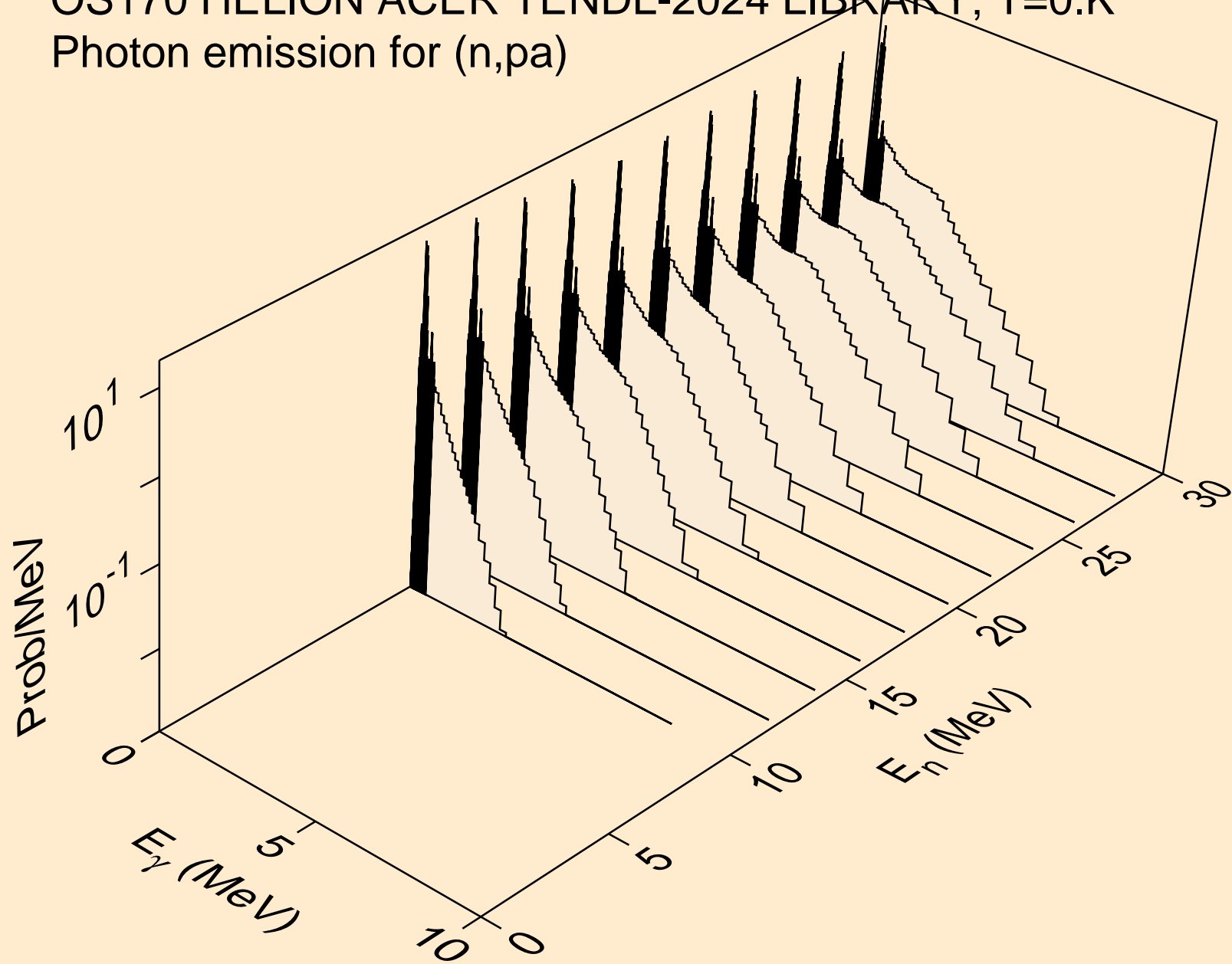
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



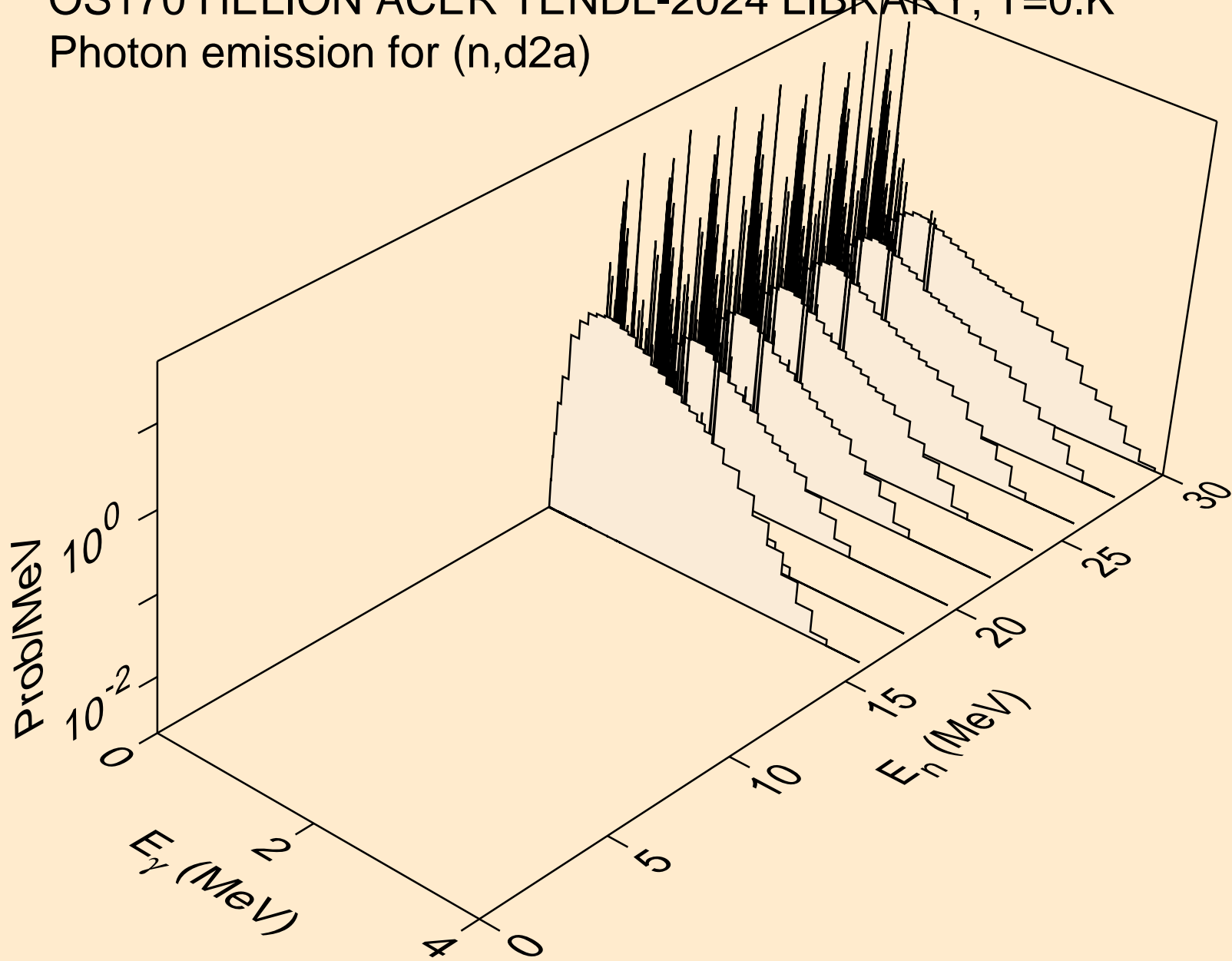
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Photon emission for (n,2p)



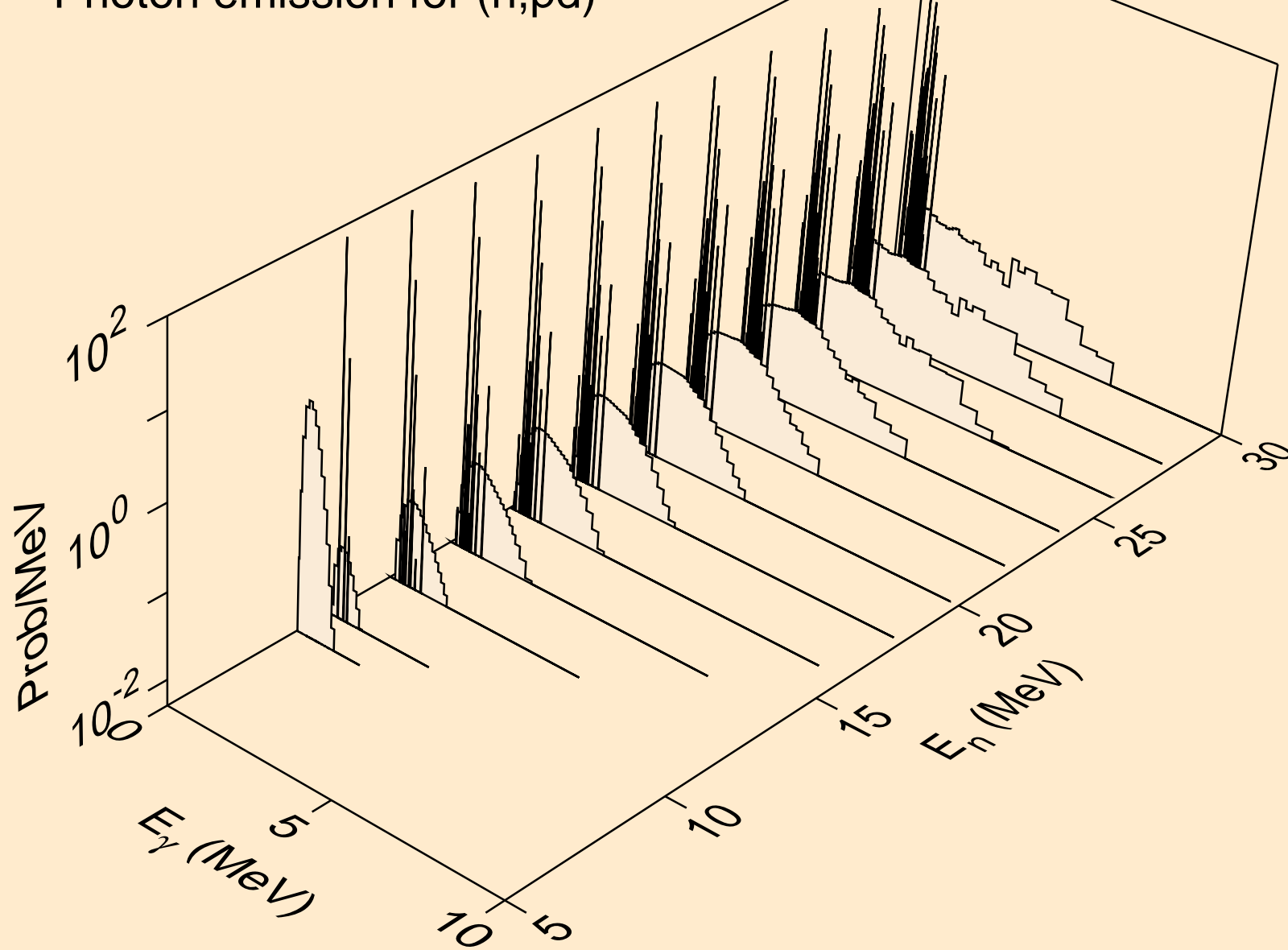
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



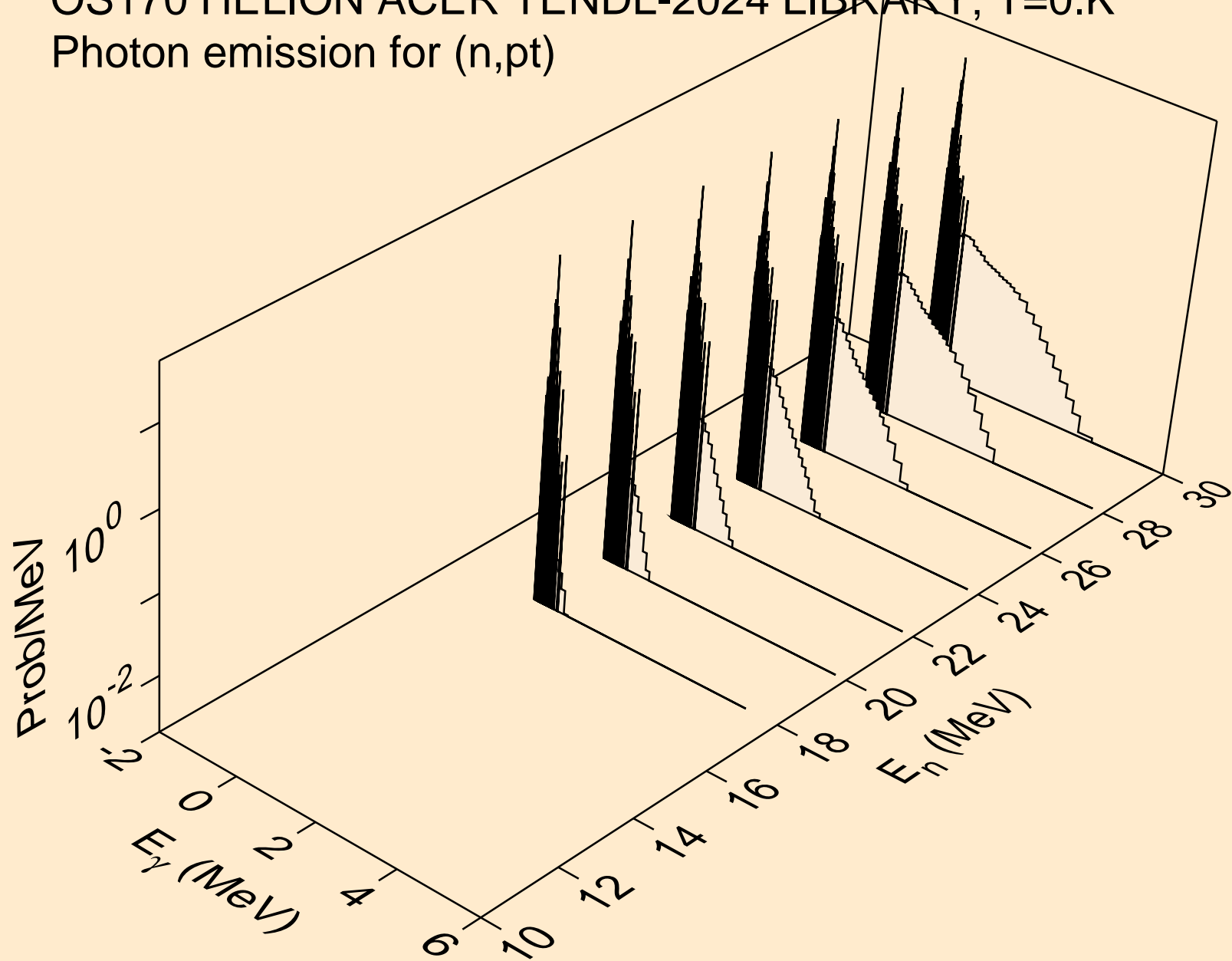
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



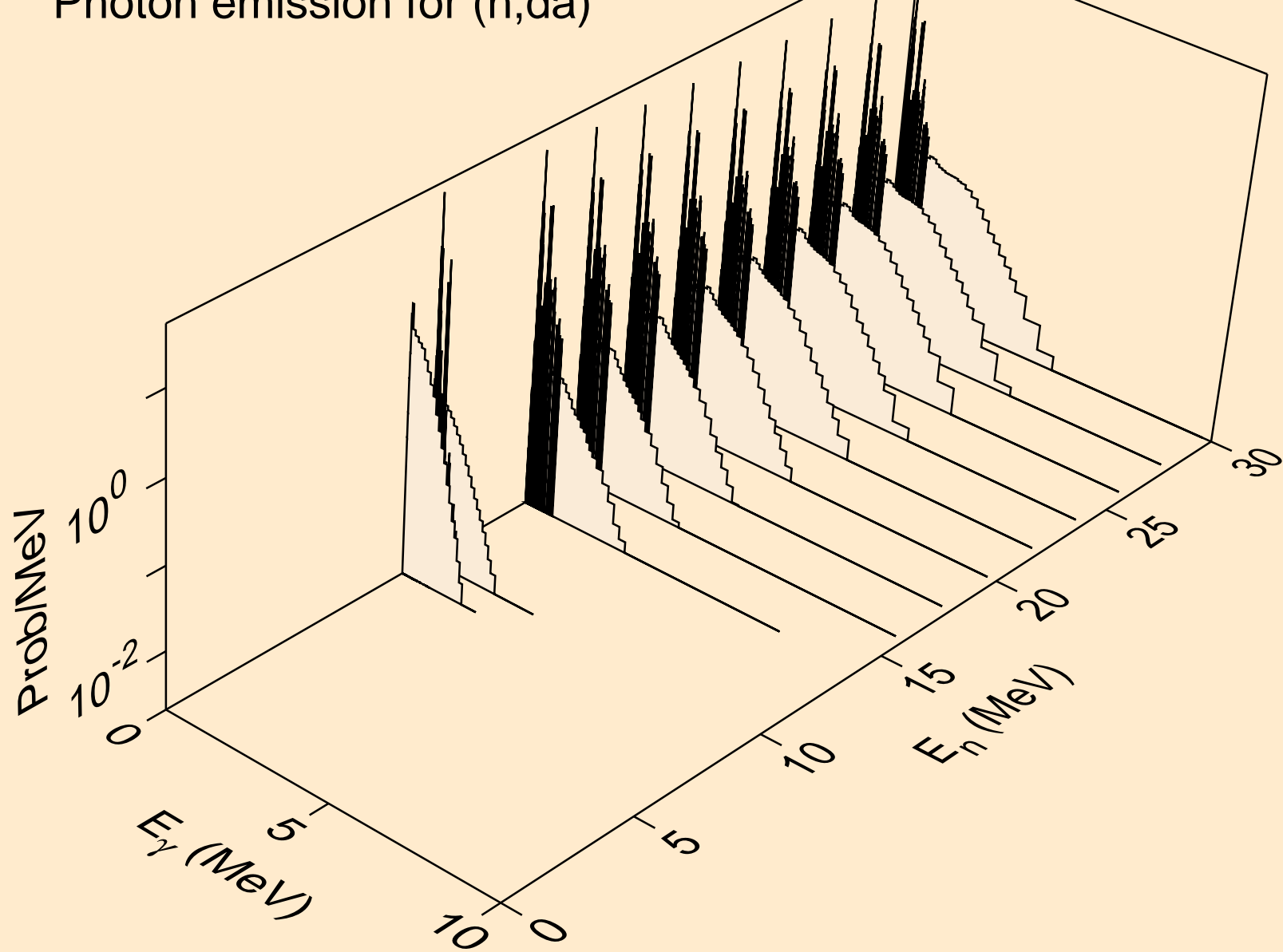
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



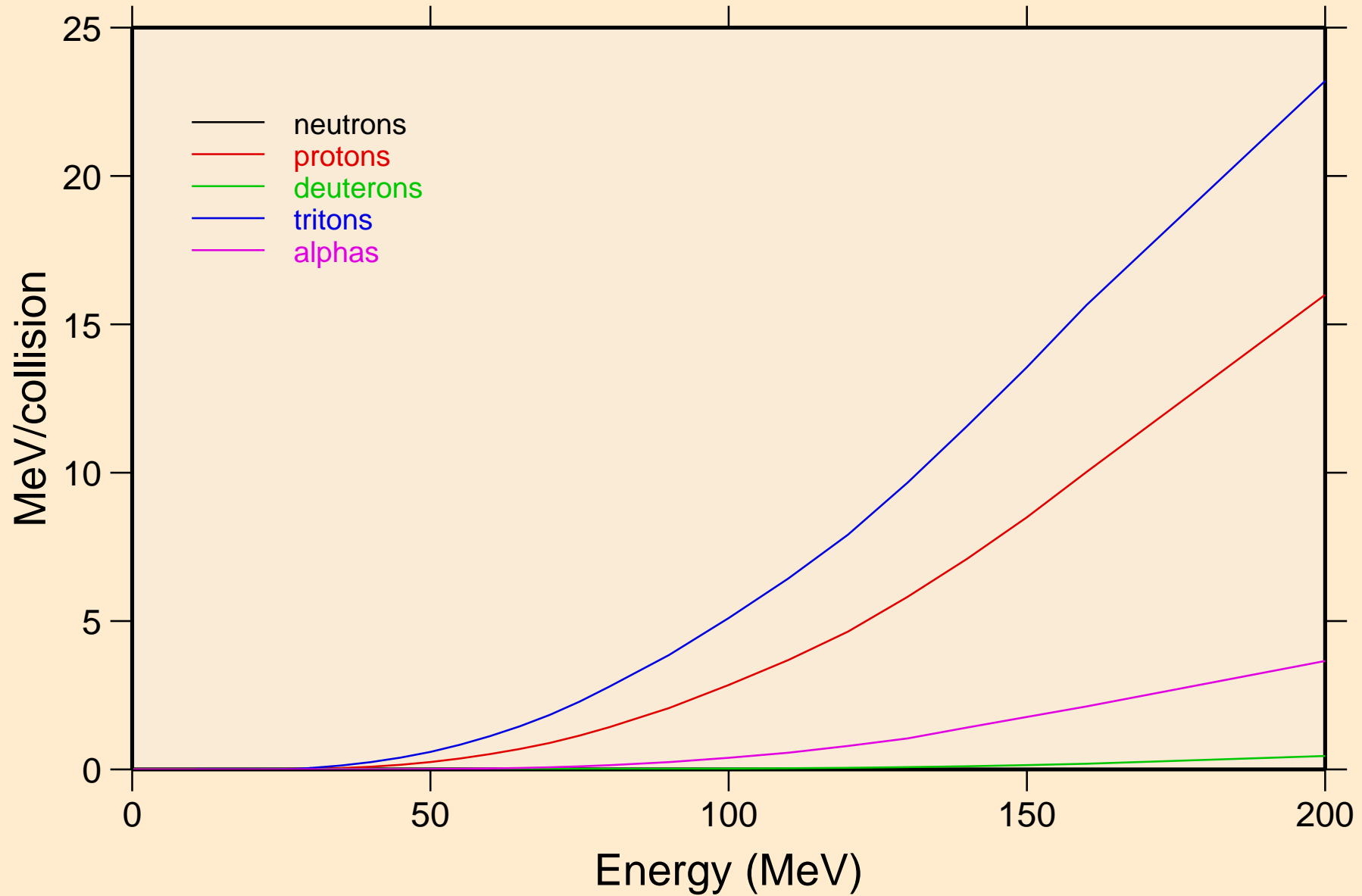
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

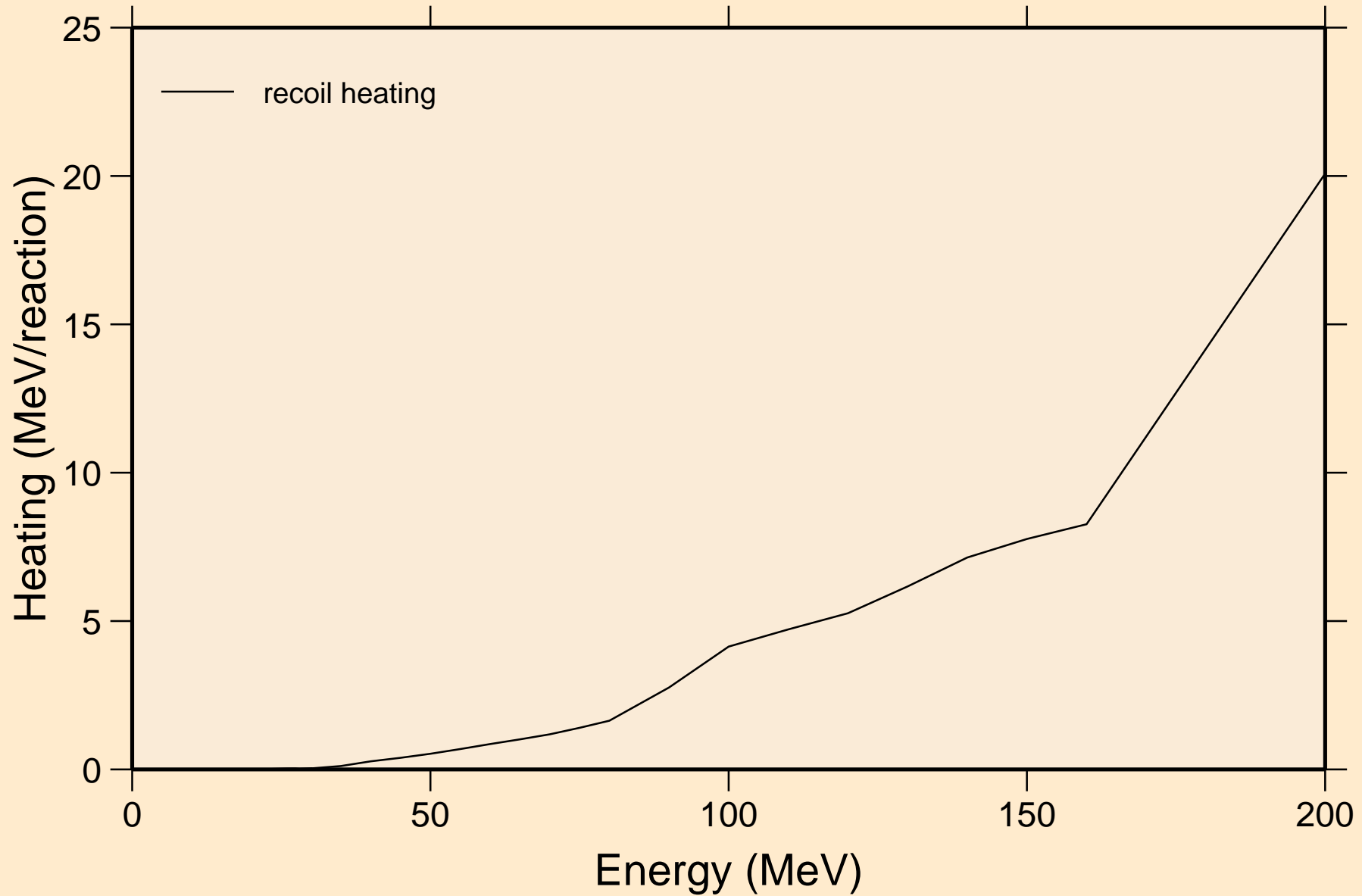


OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

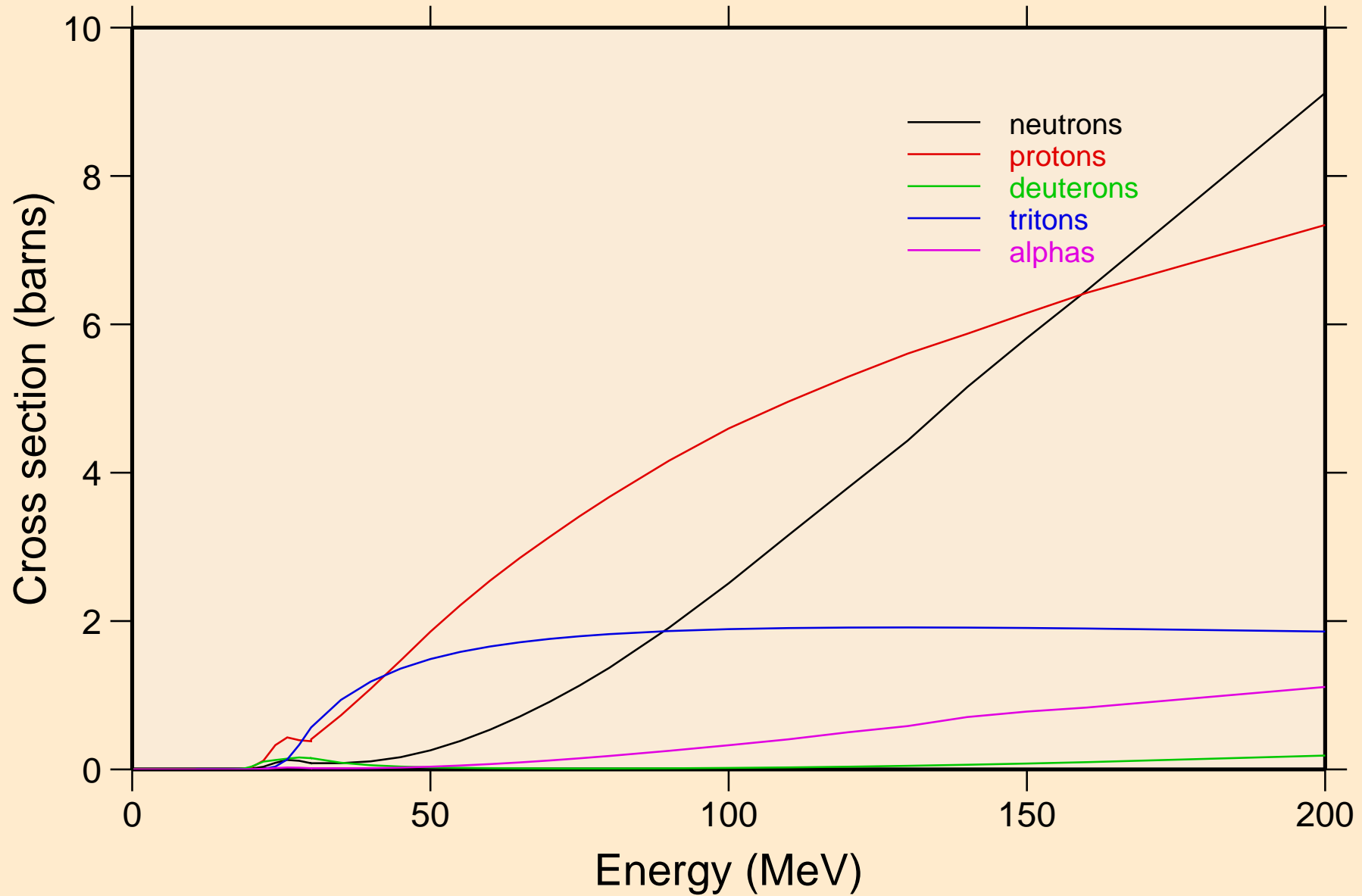


# OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K

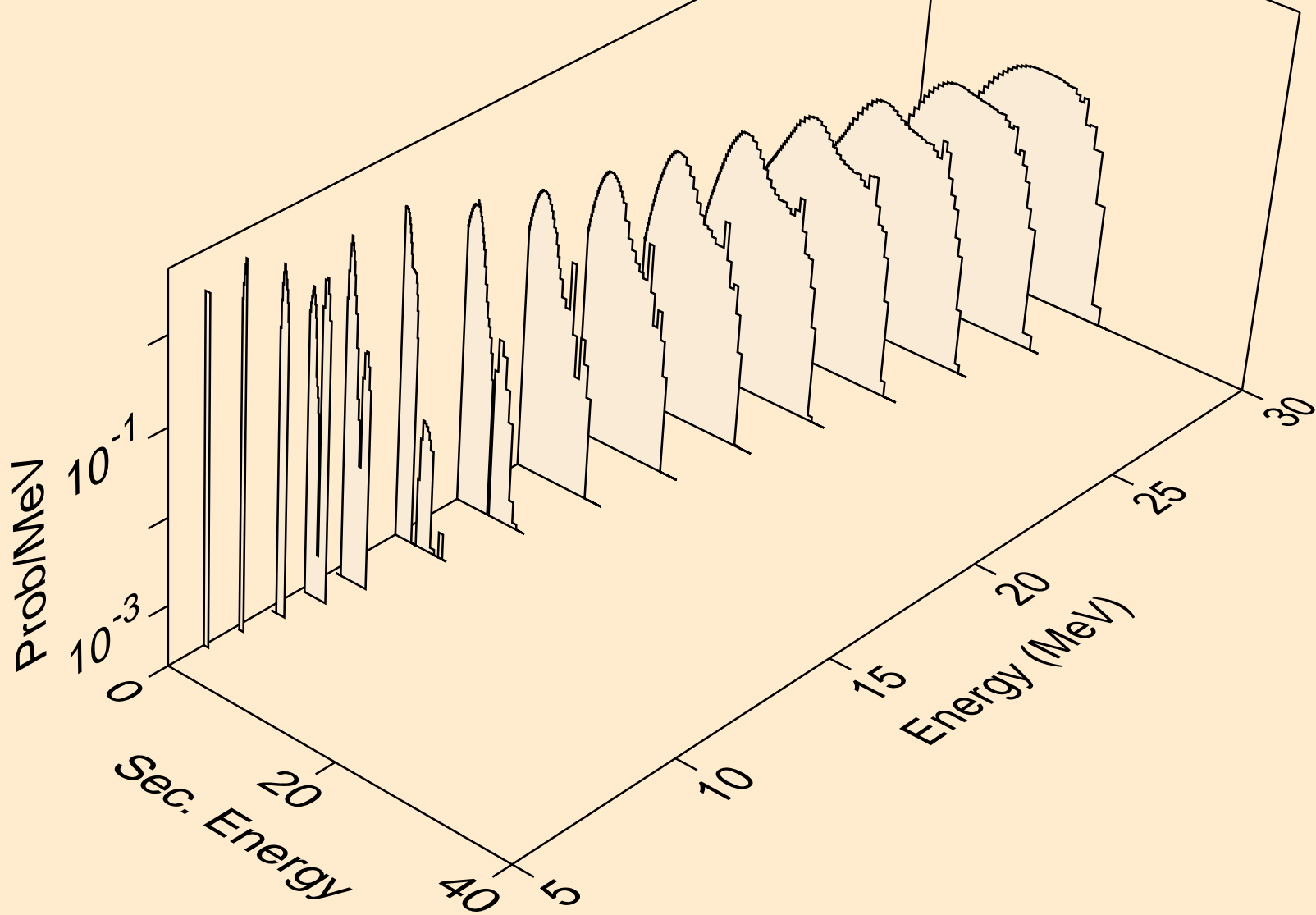
## Recoil Heating



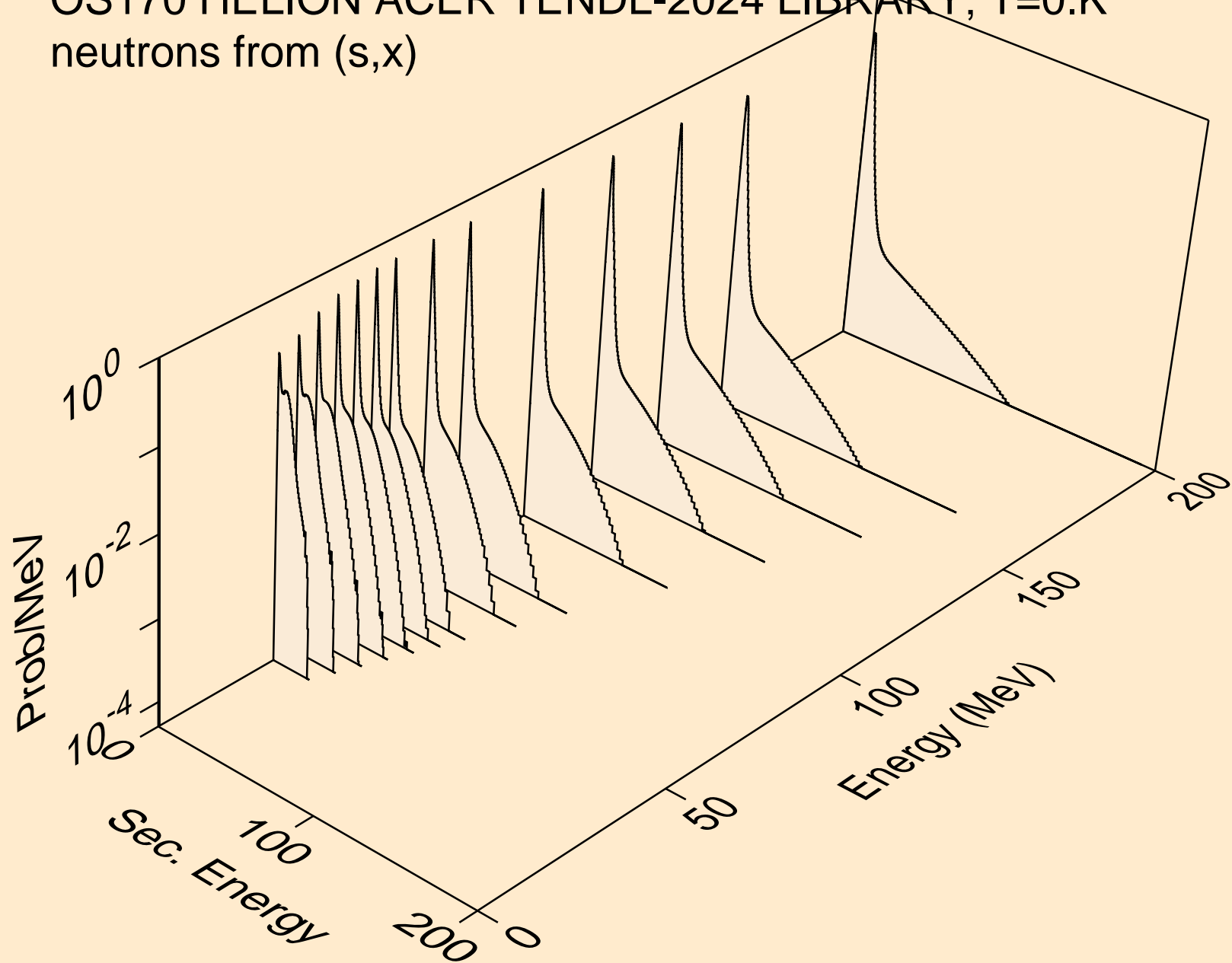
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



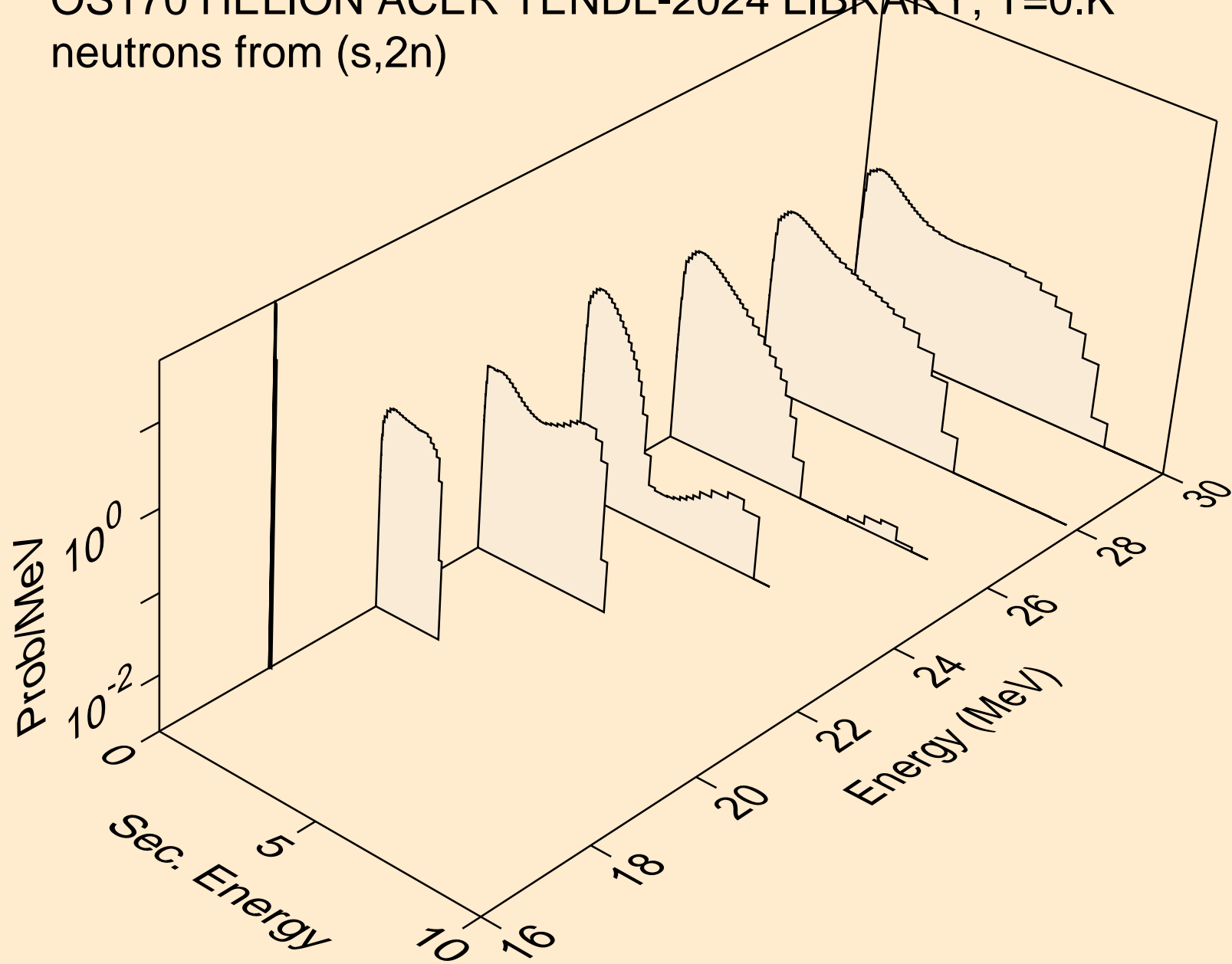
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



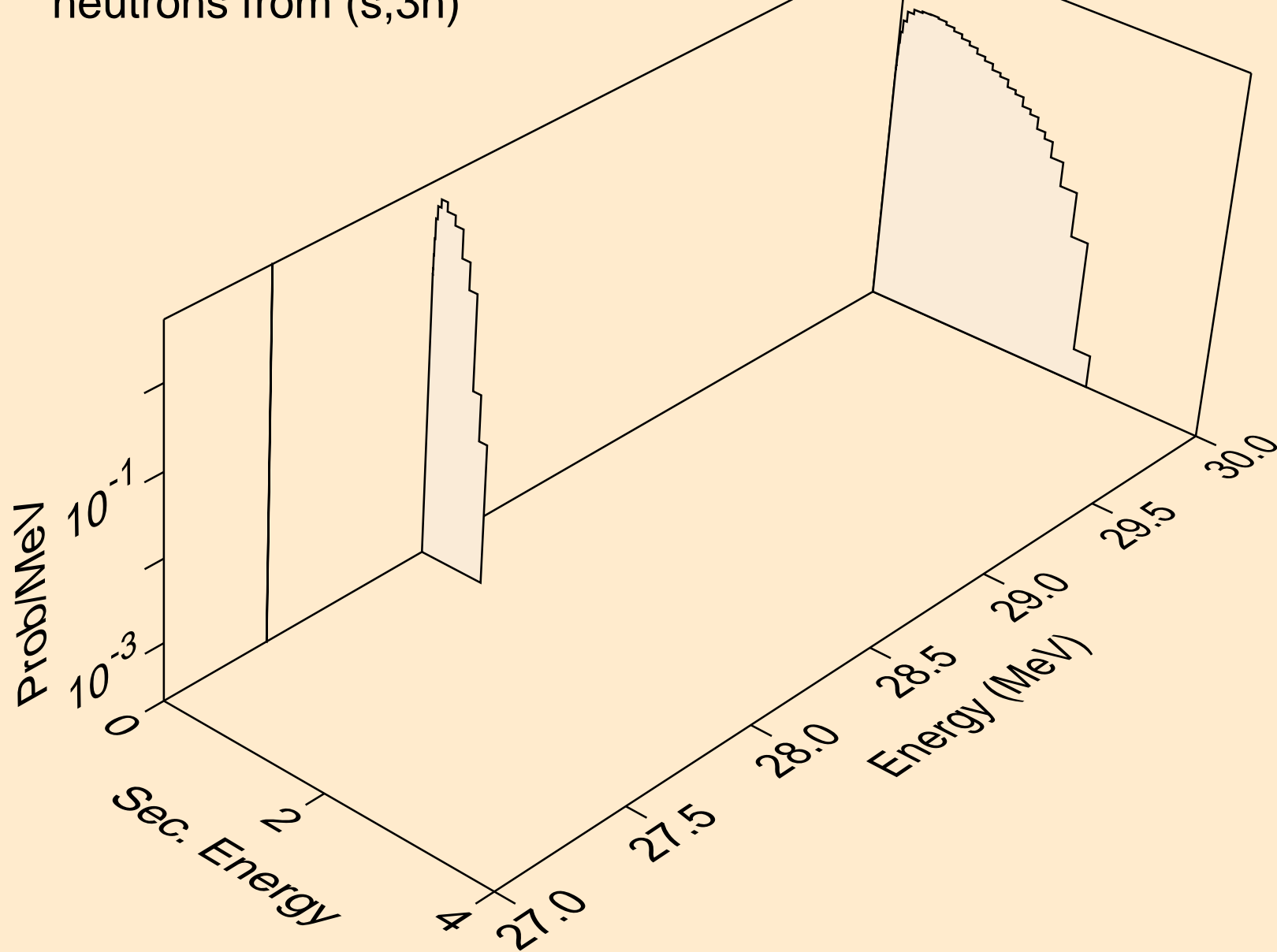
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,x)



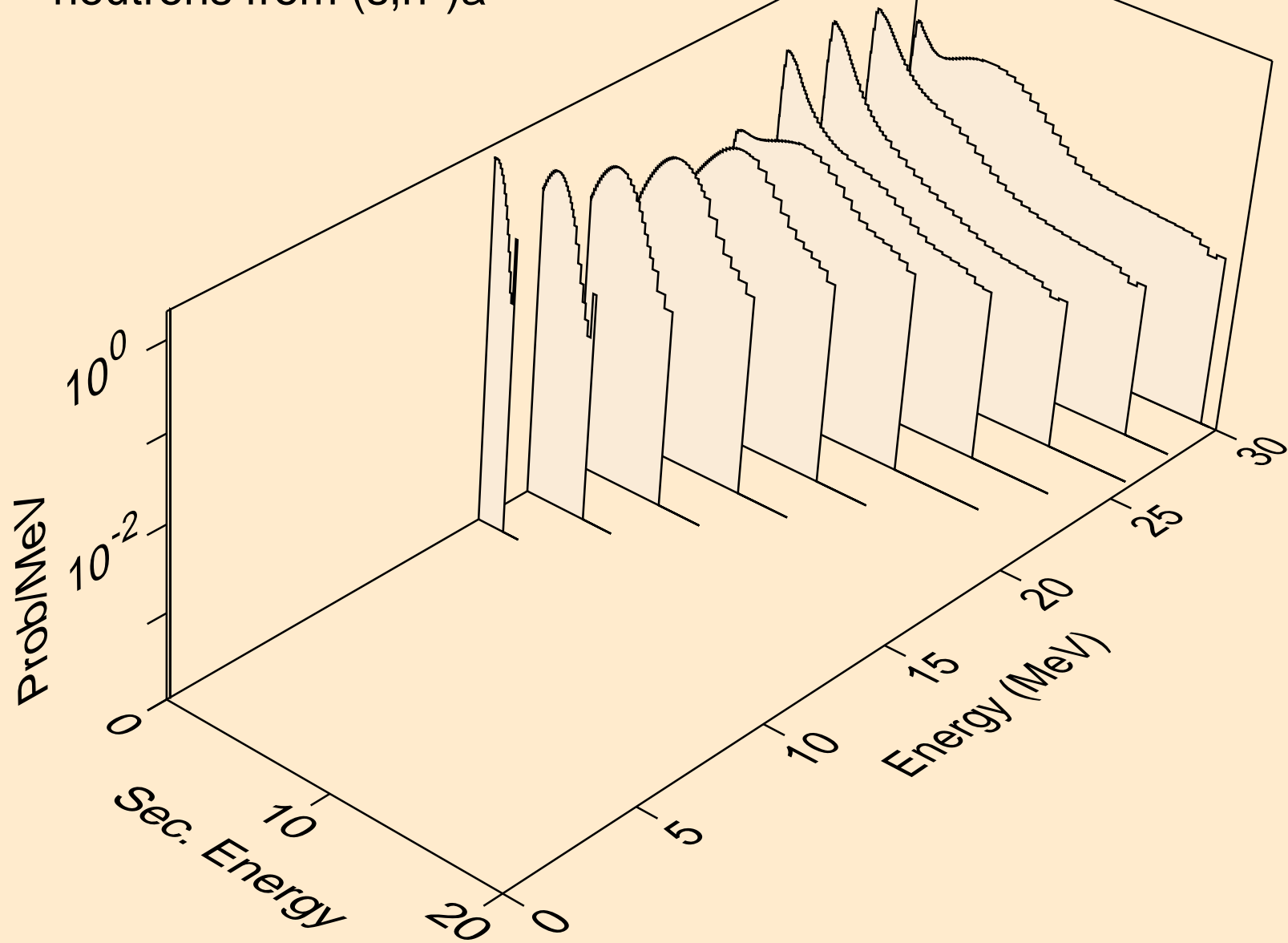
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



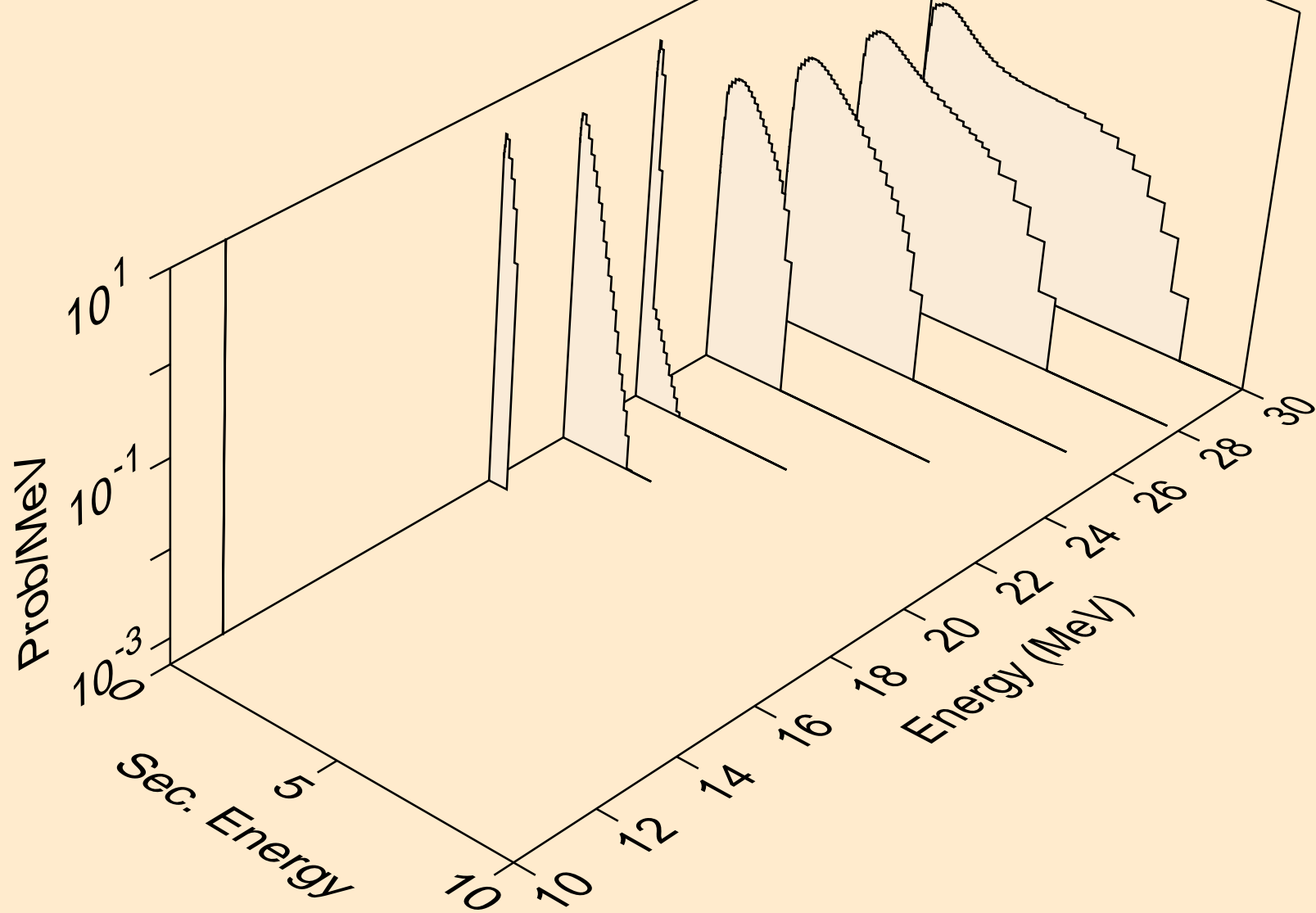
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,3n)



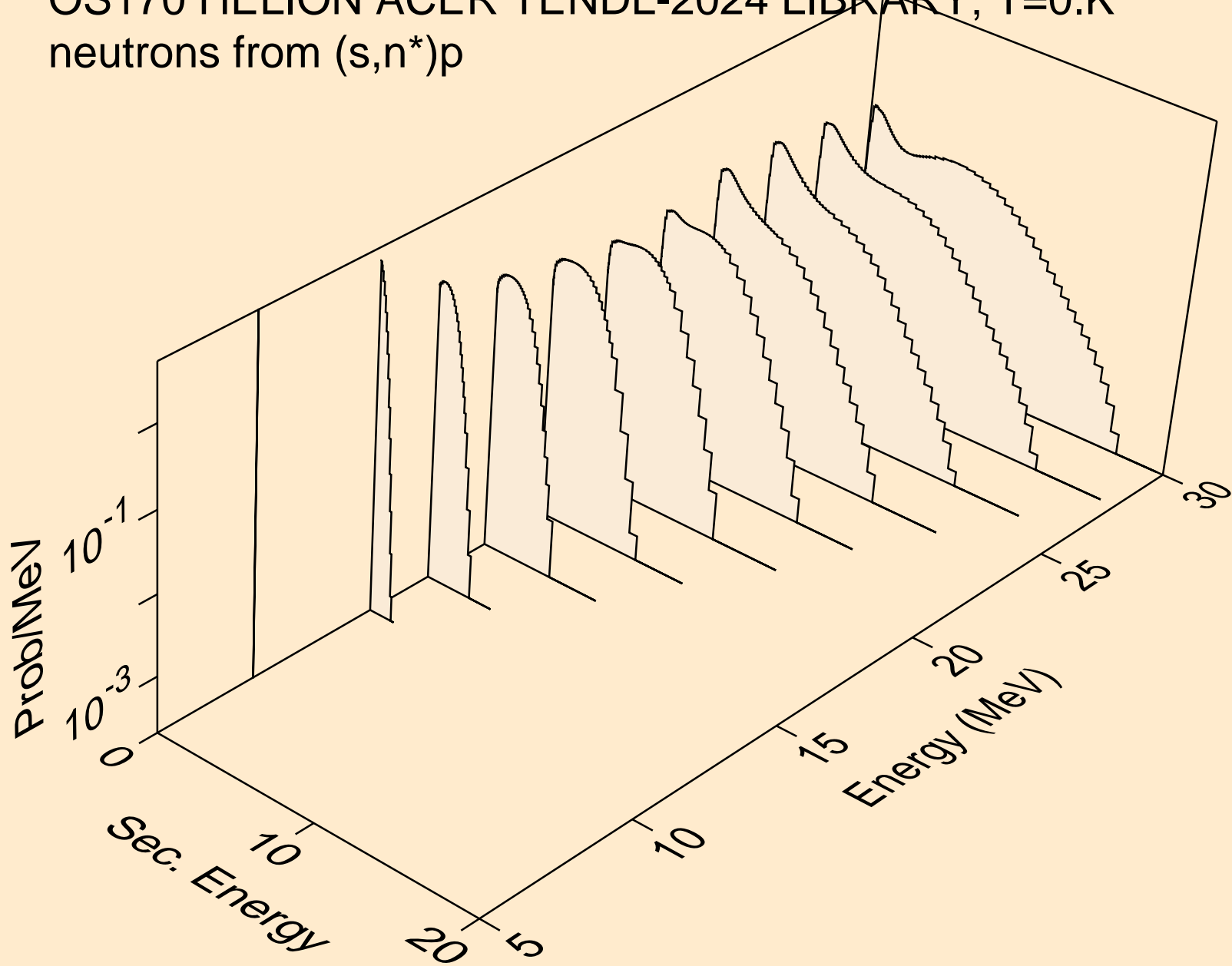
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



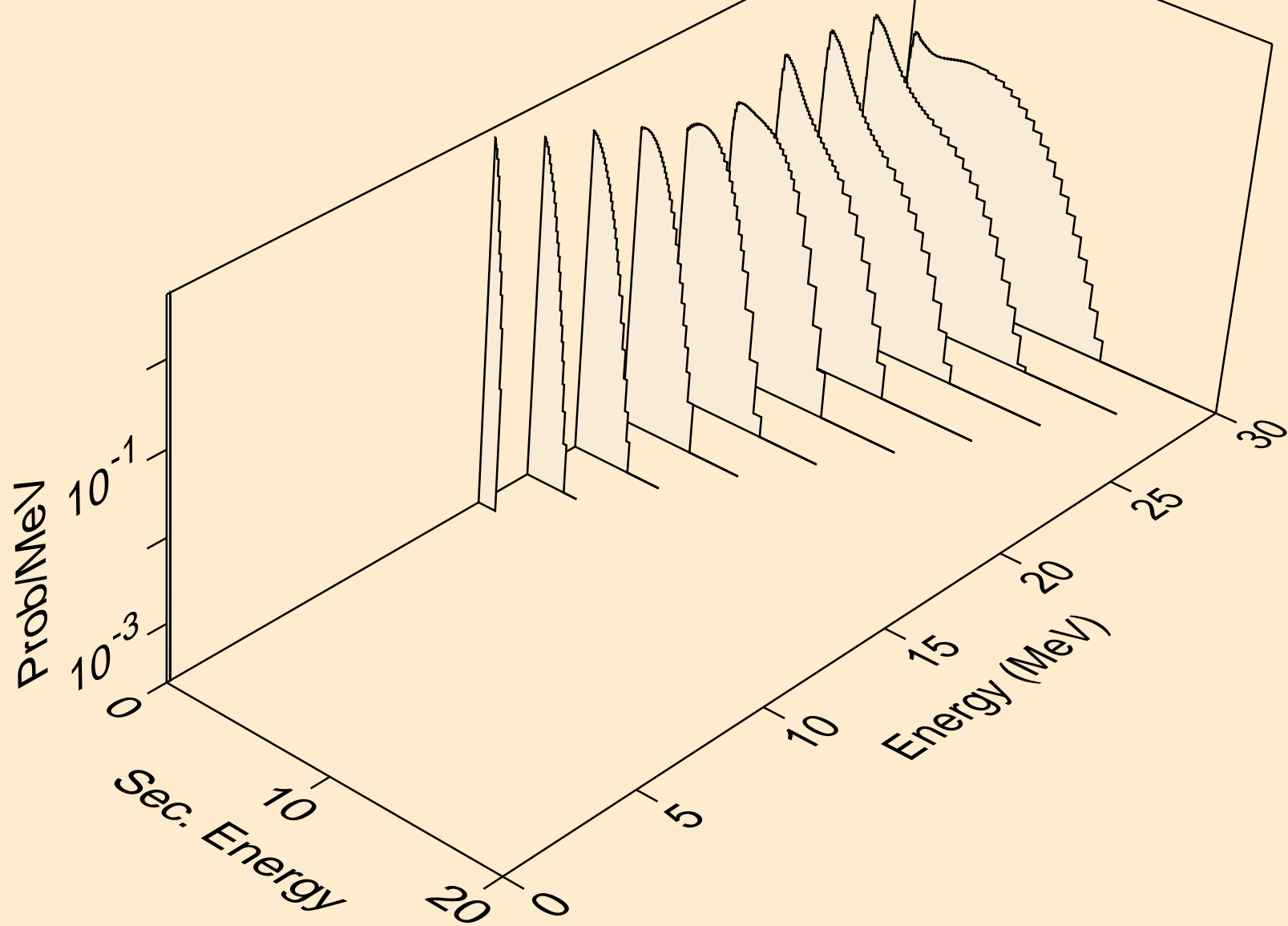
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a



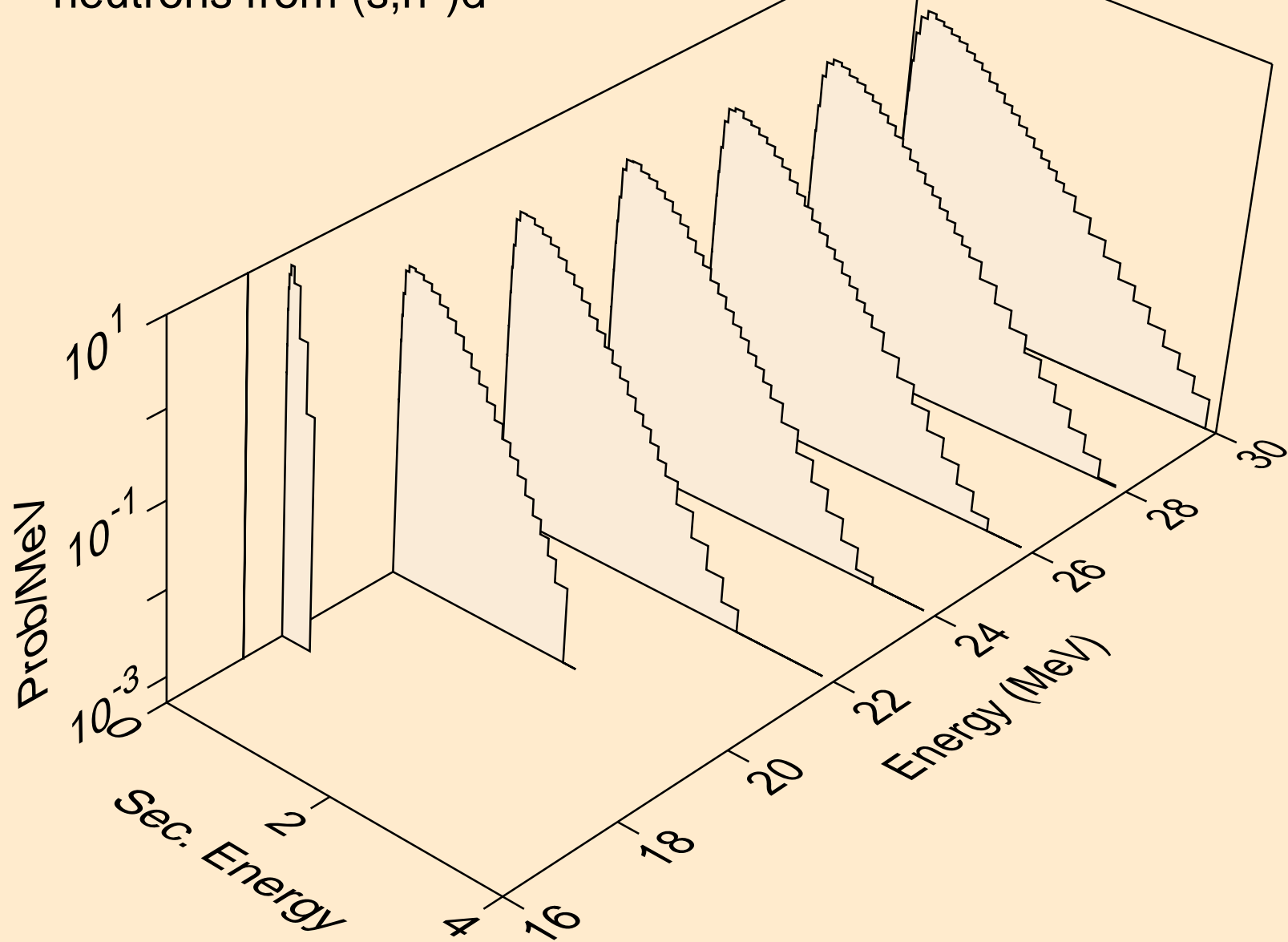
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



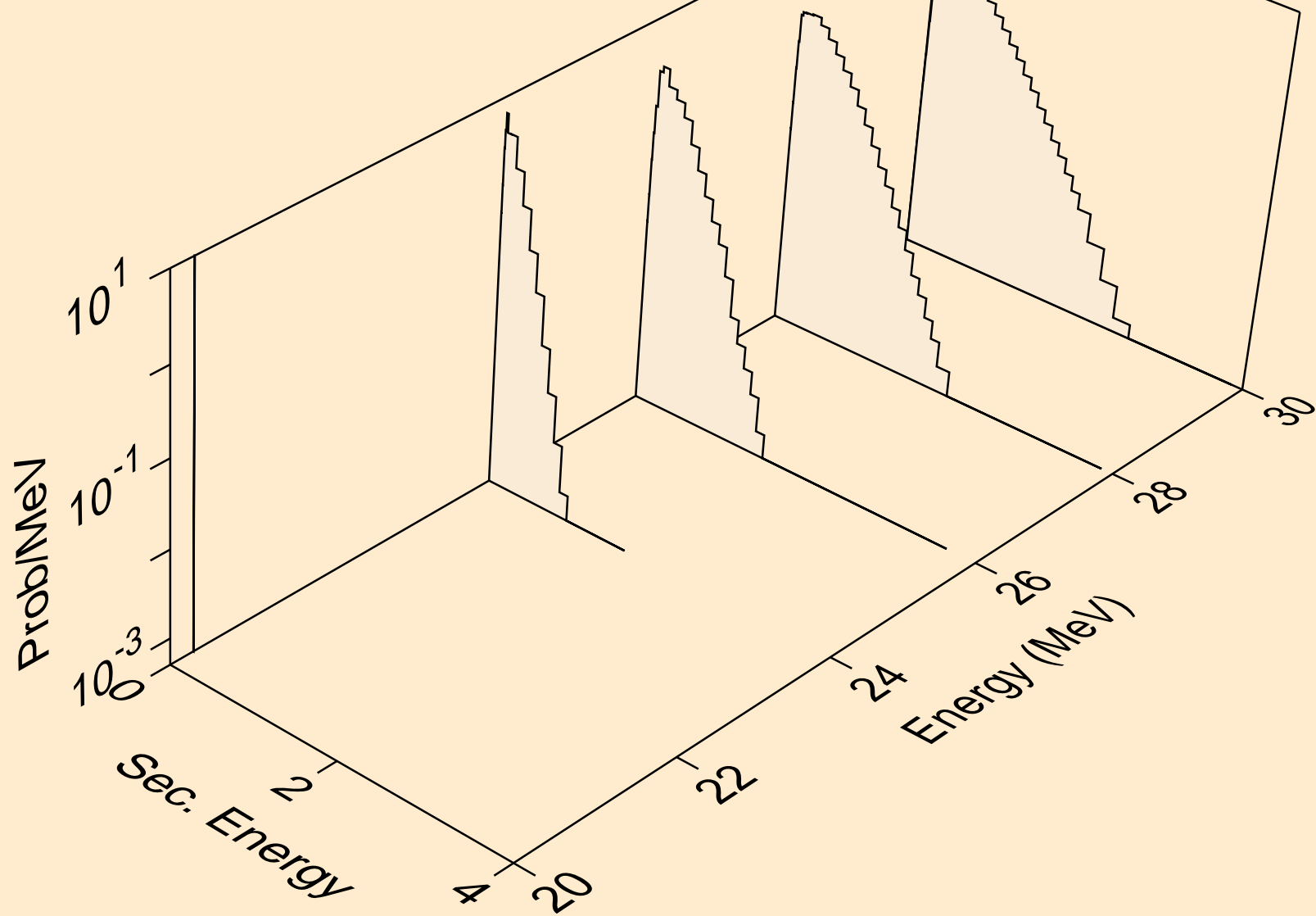
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



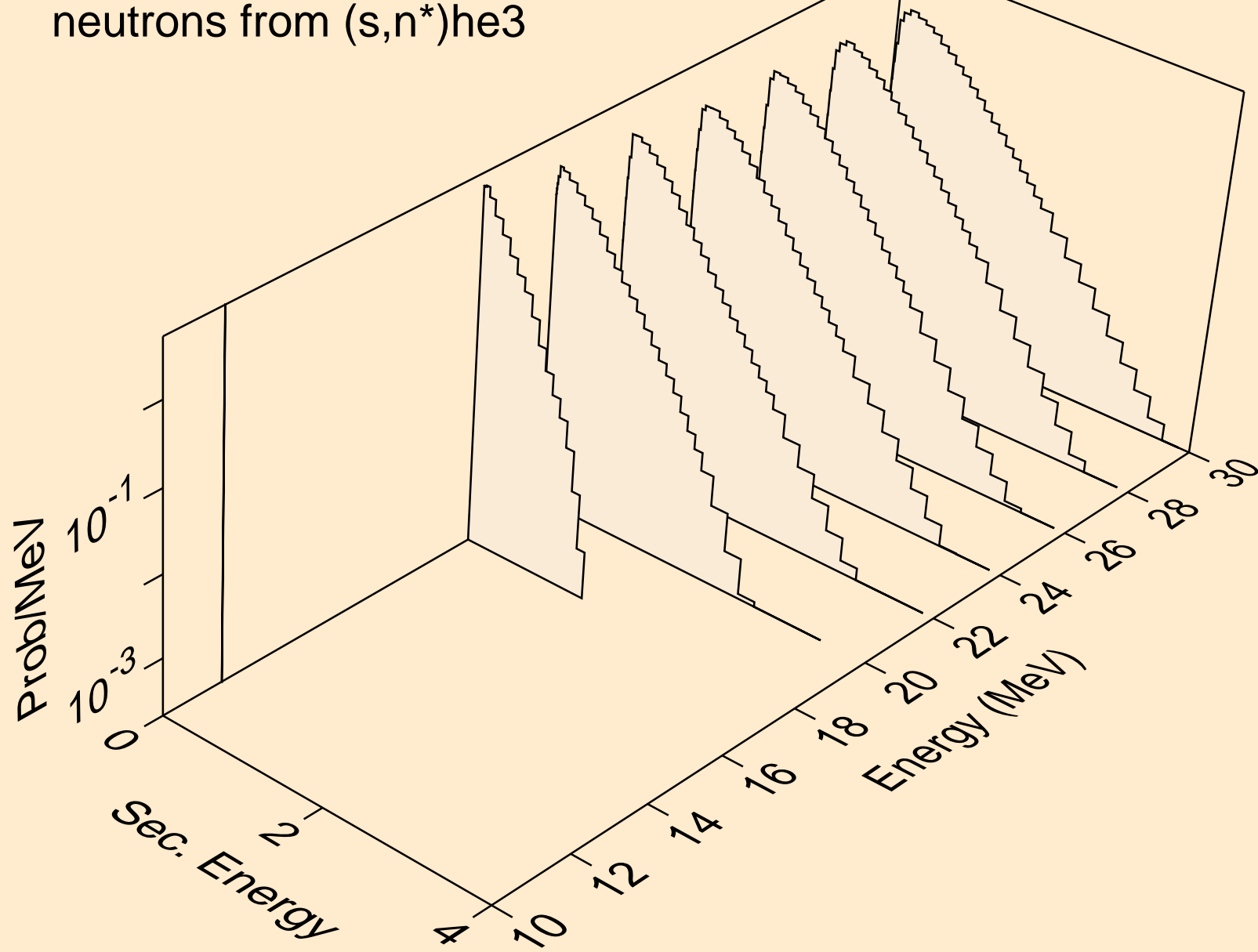
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)d



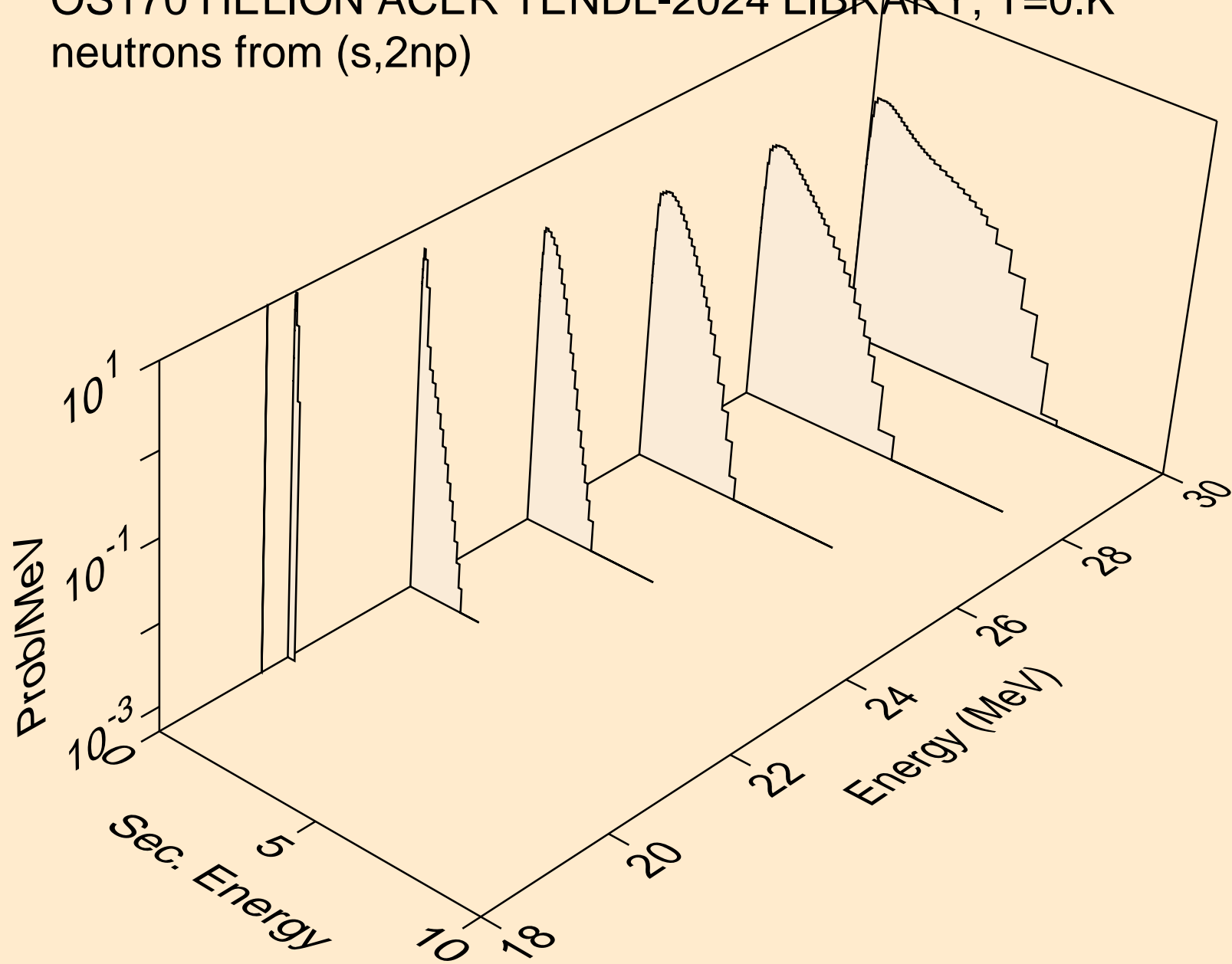
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)t



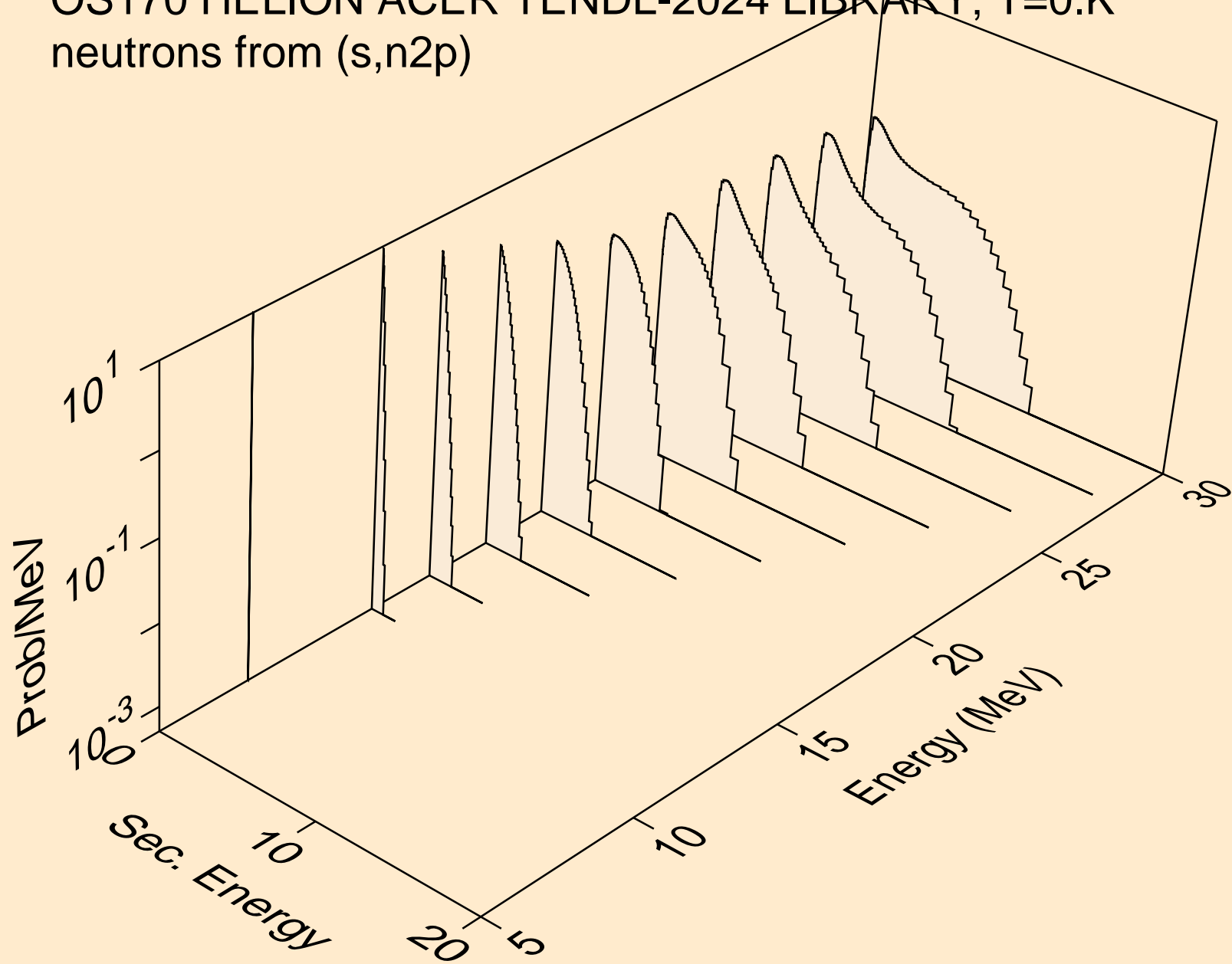
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



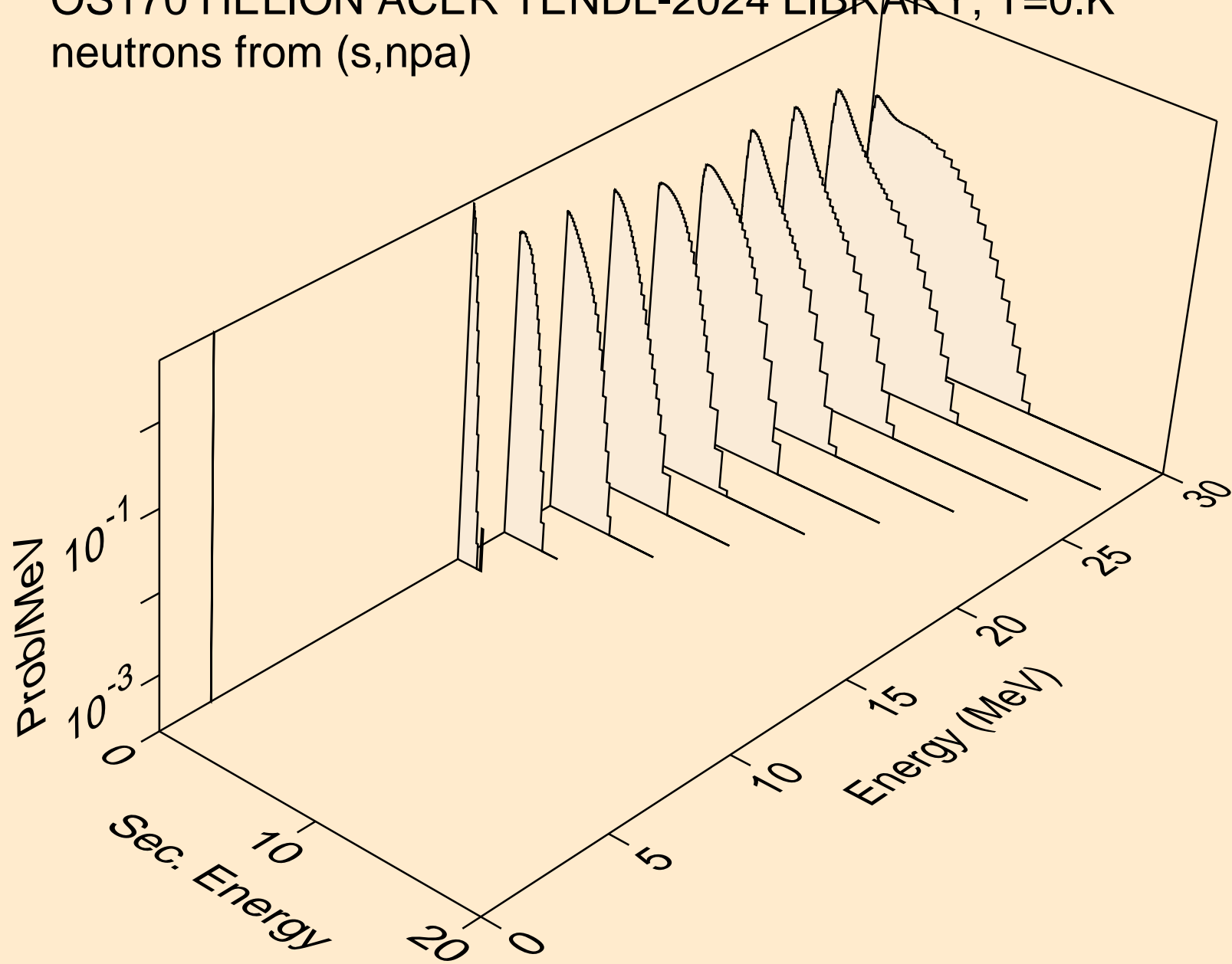
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2np)



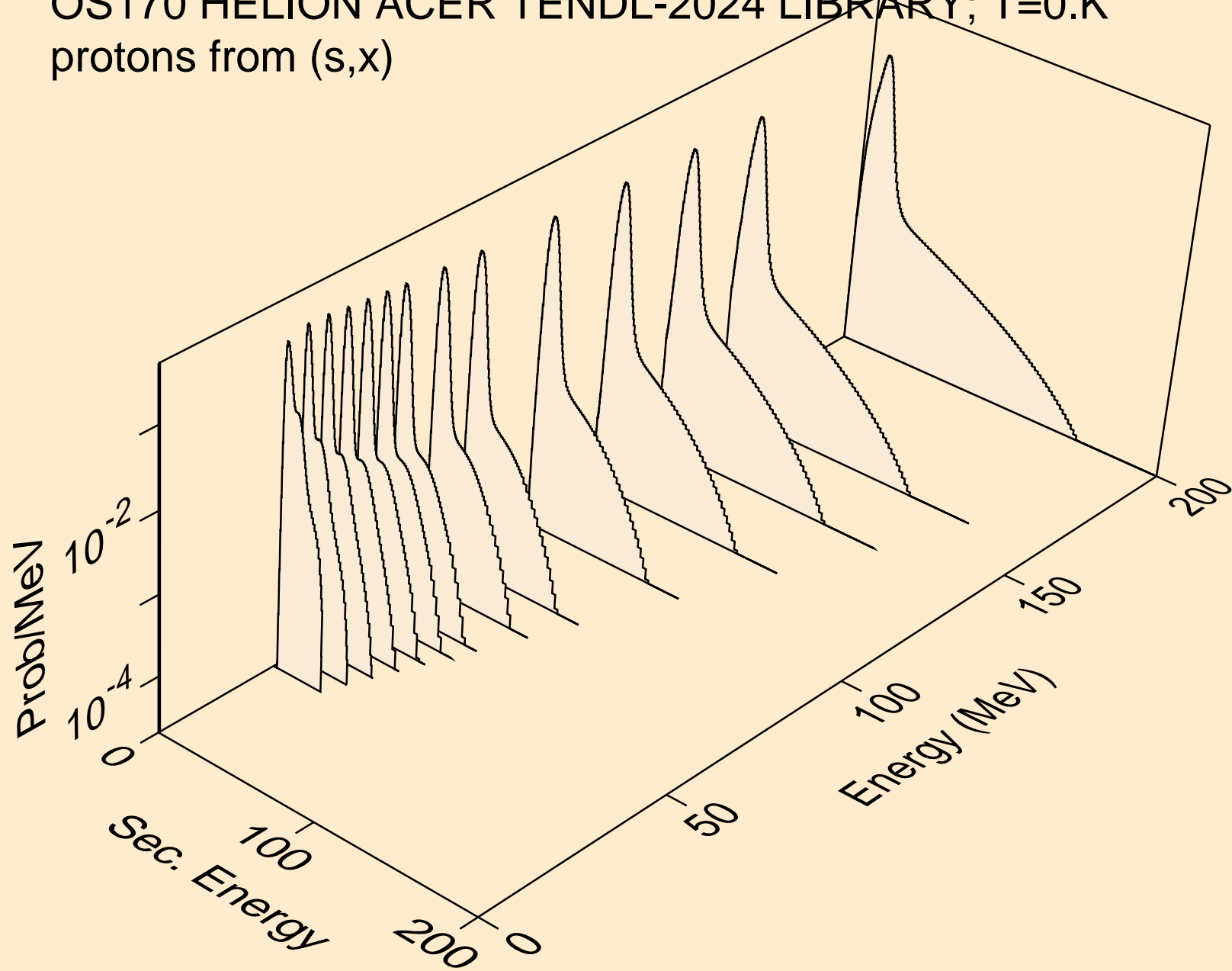
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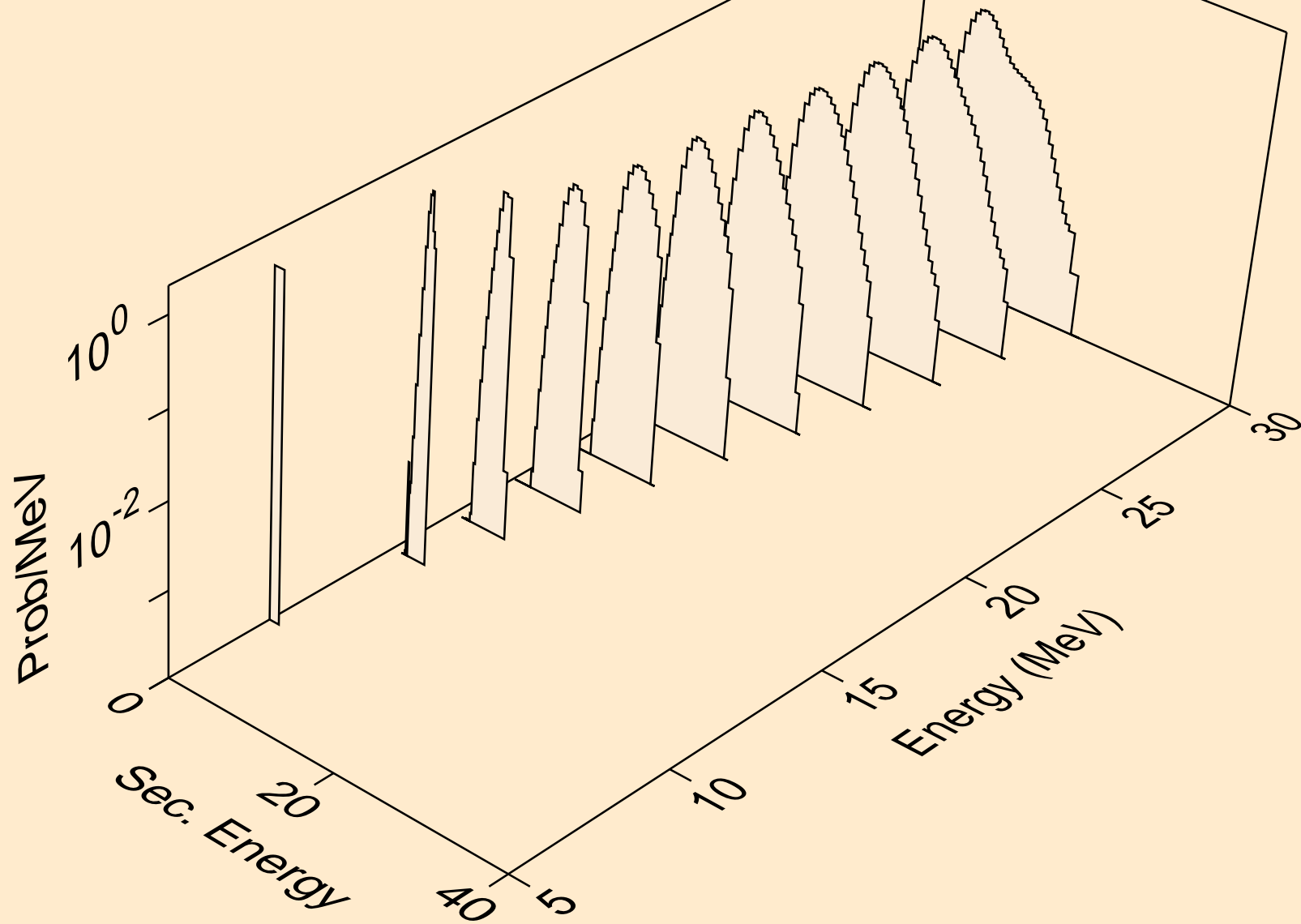
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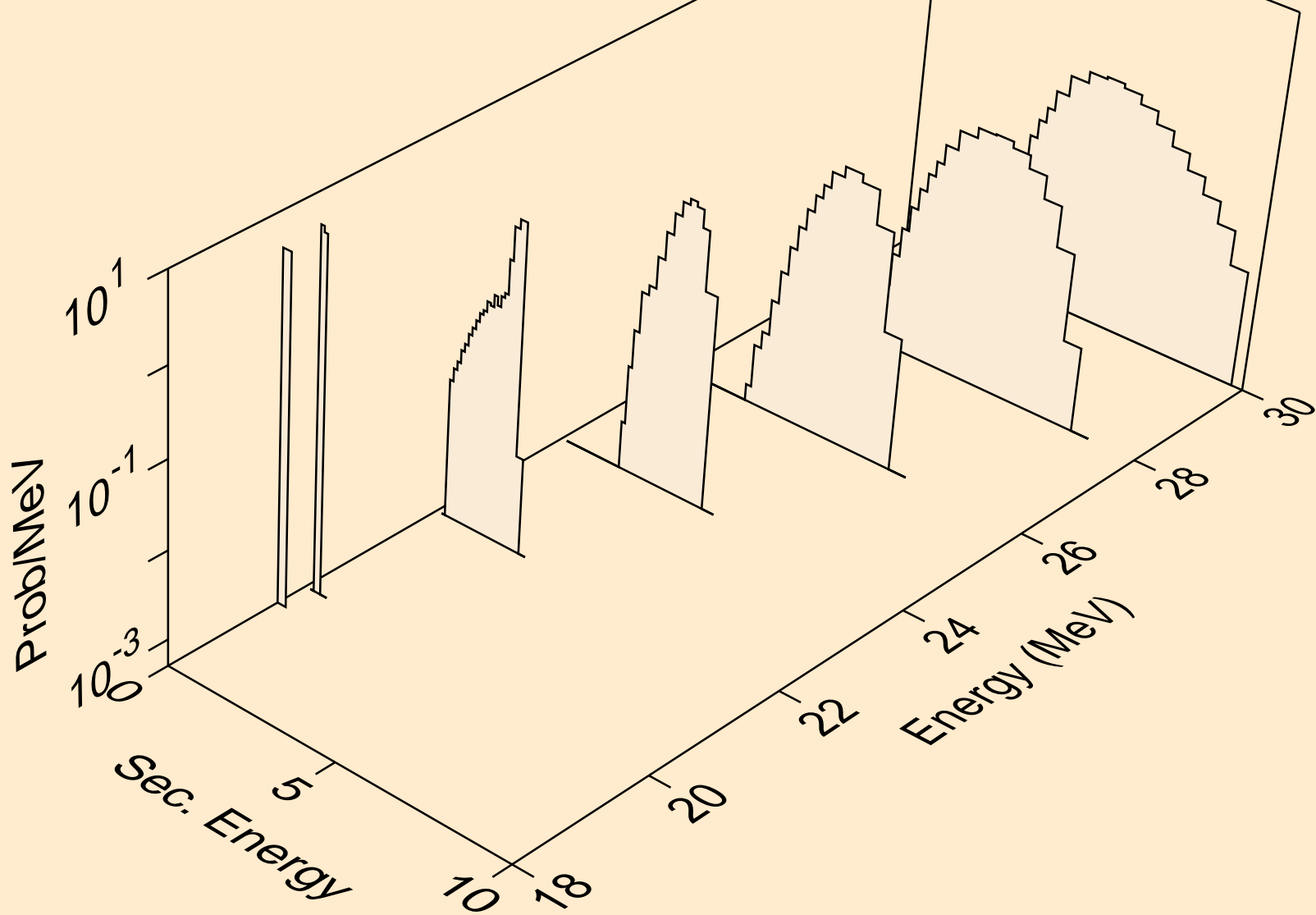
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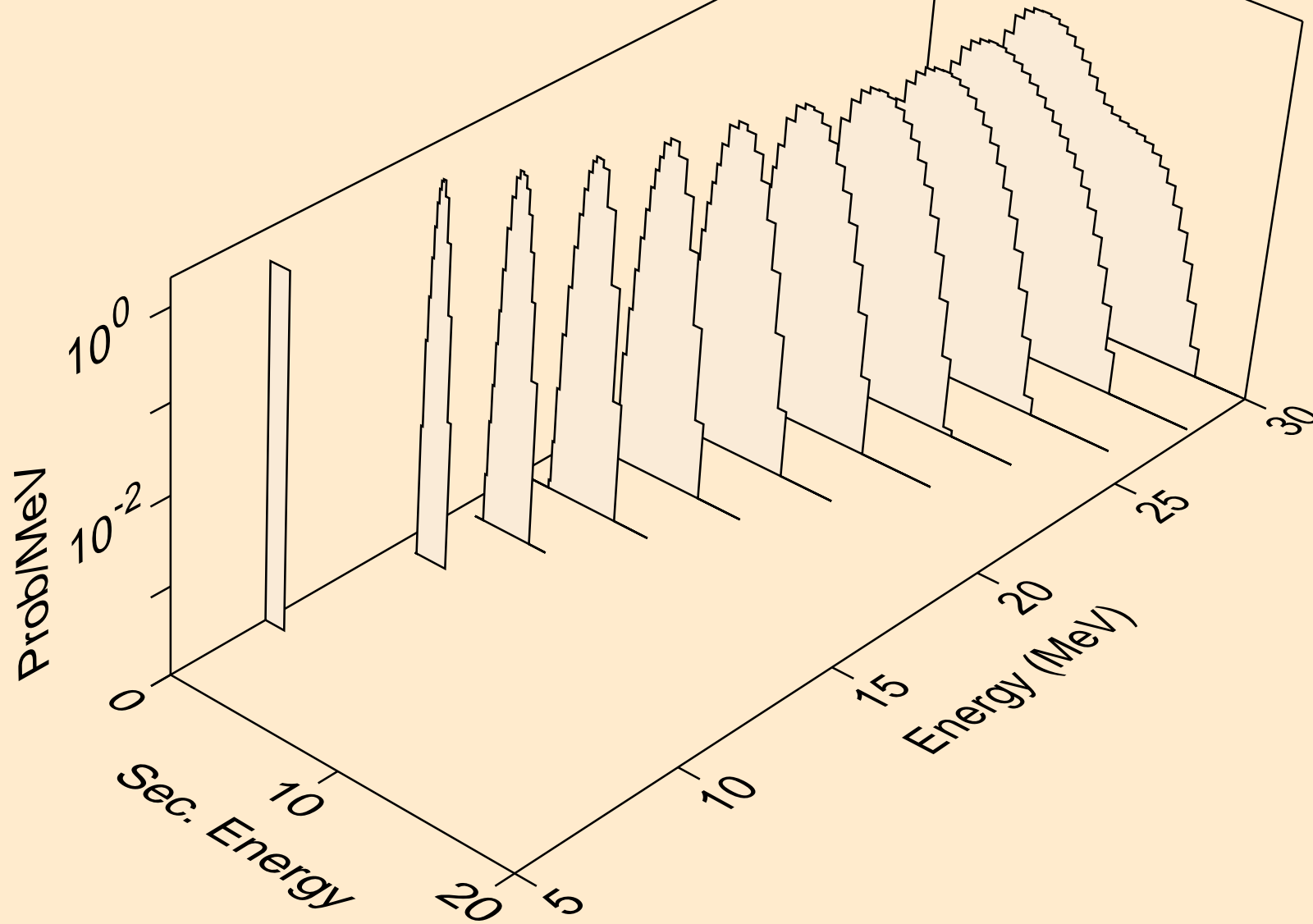
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protons from (s,n\*)p



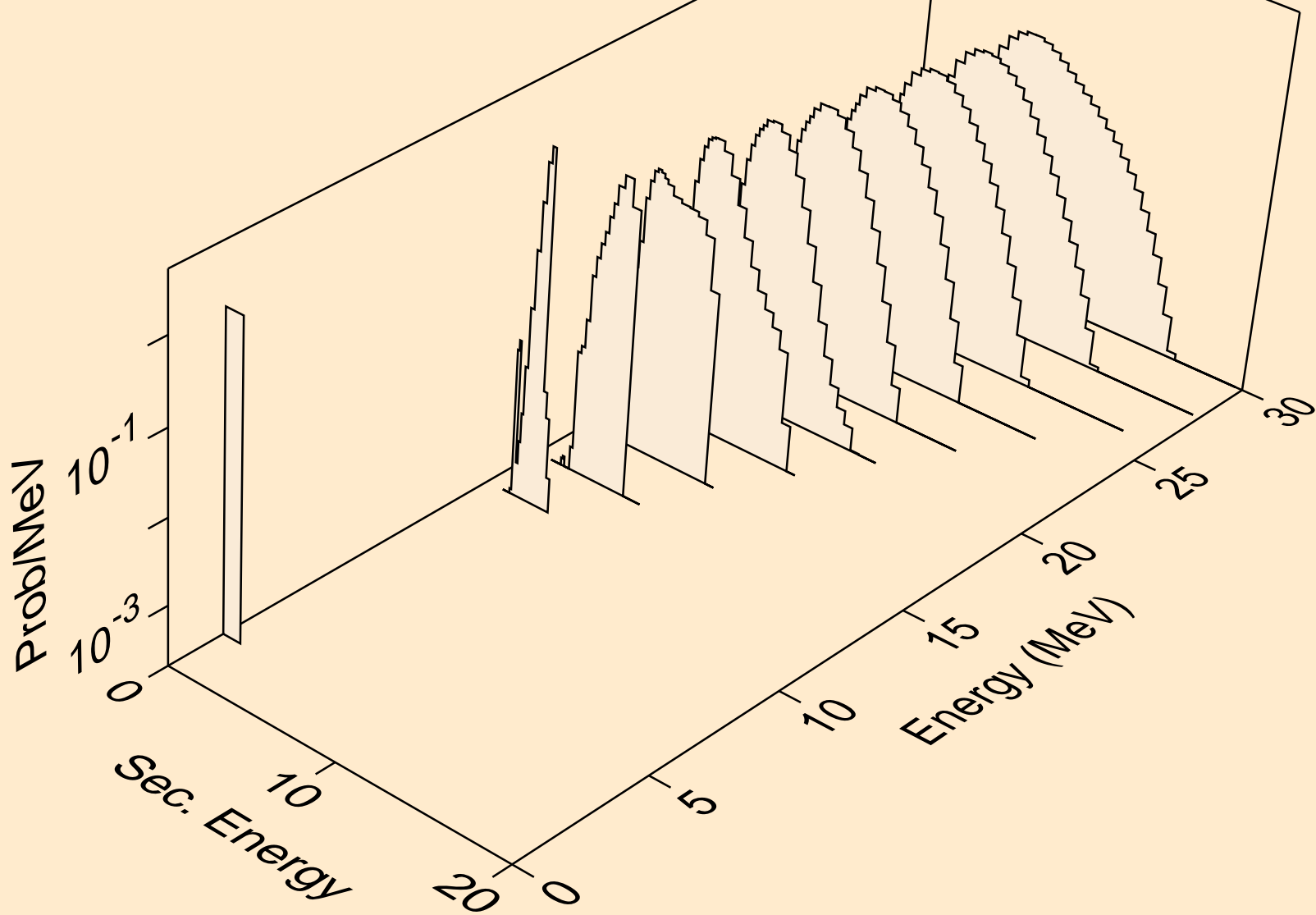
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protons from (s,2np)



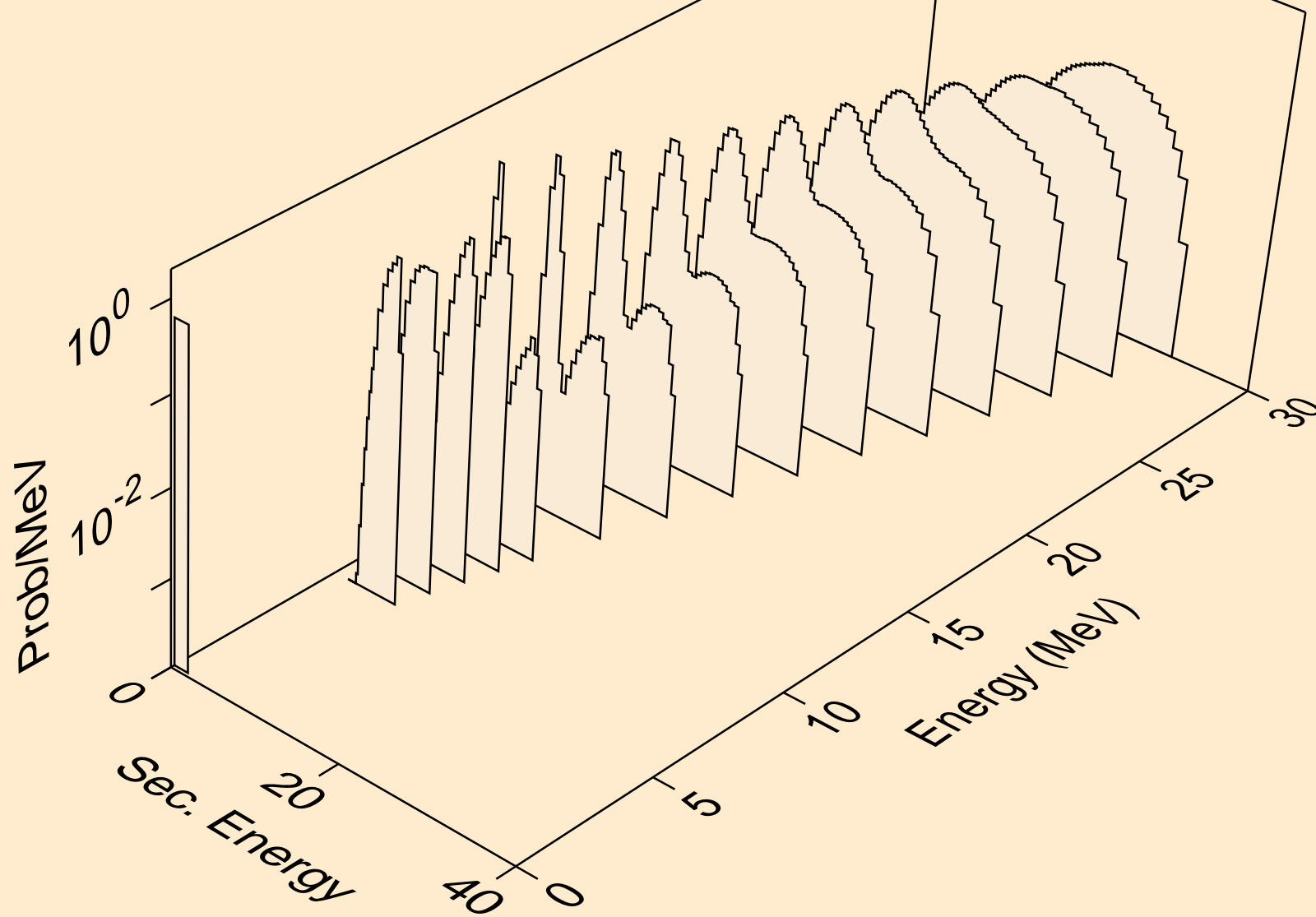
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protons from (s,n2p)



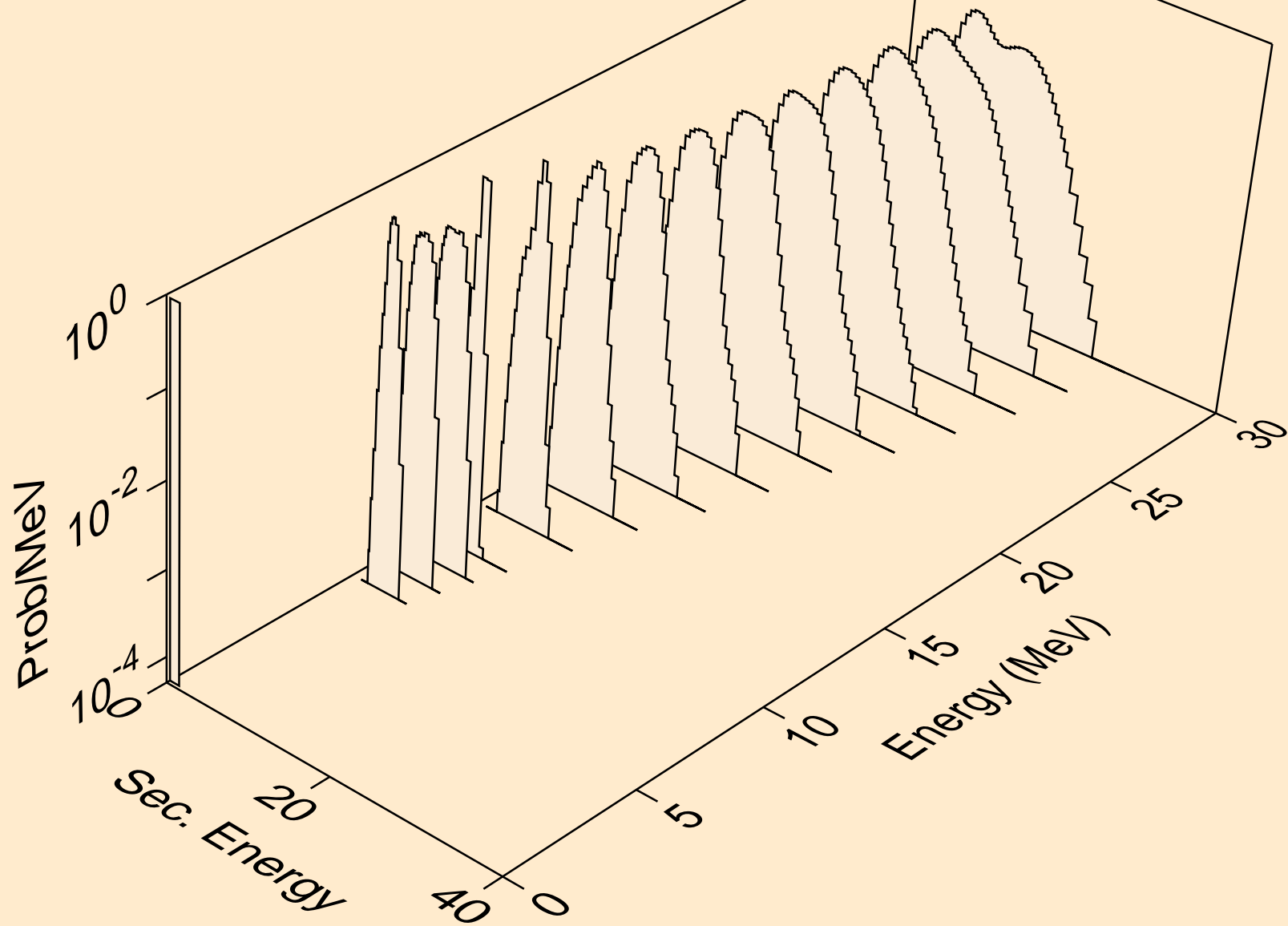
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protons from (s,npa)



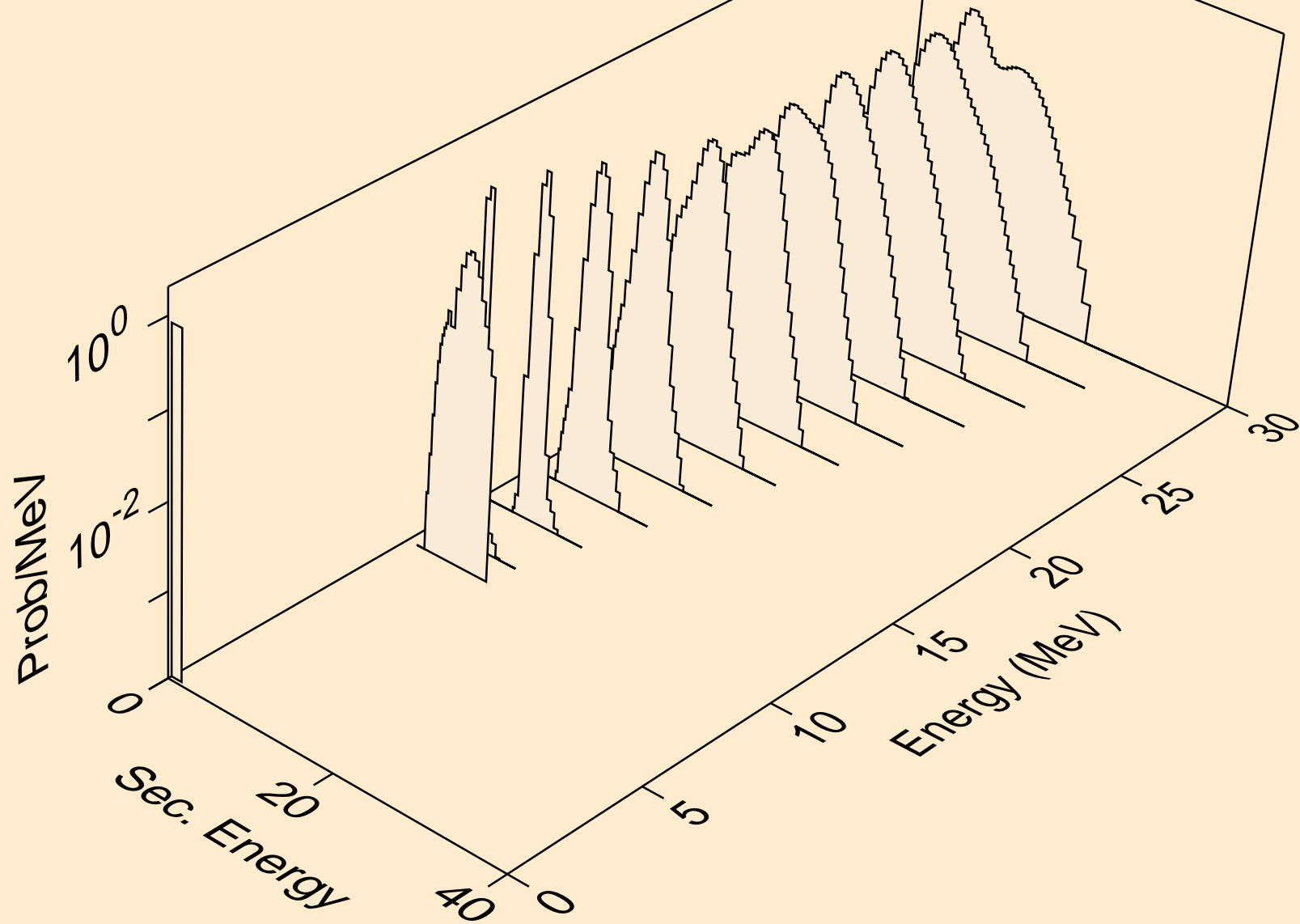
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,p)



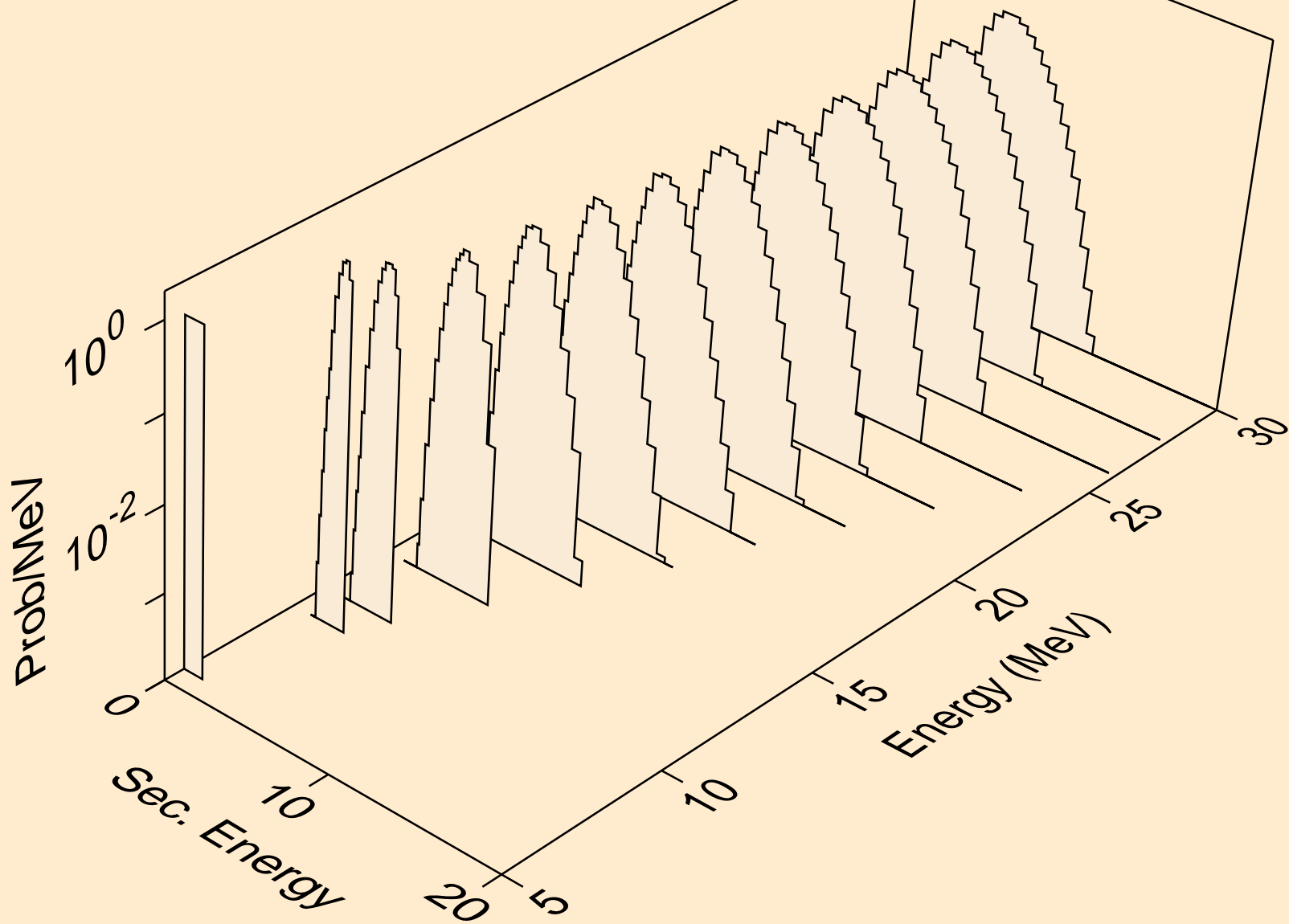
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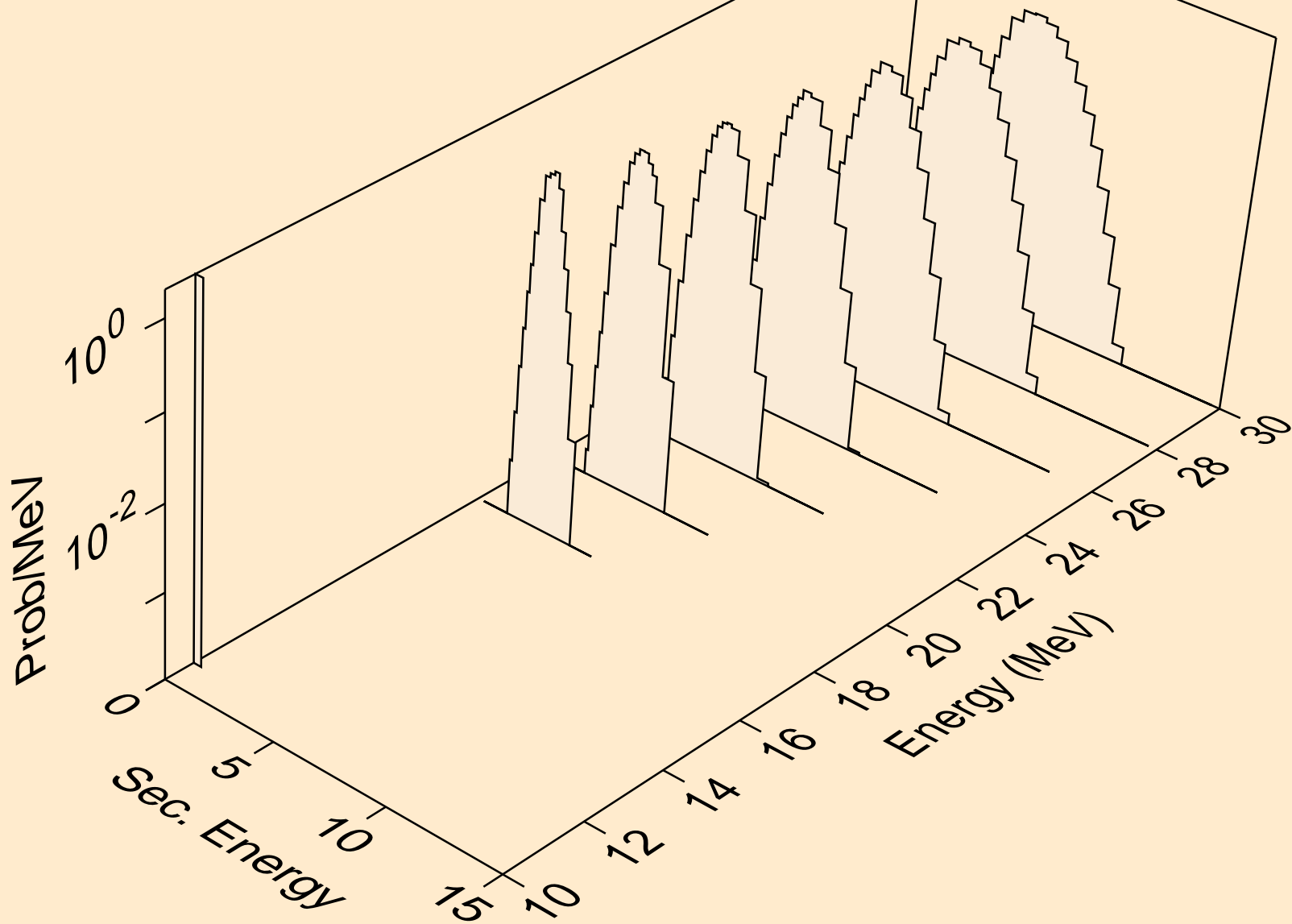
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protons from (s,pa)



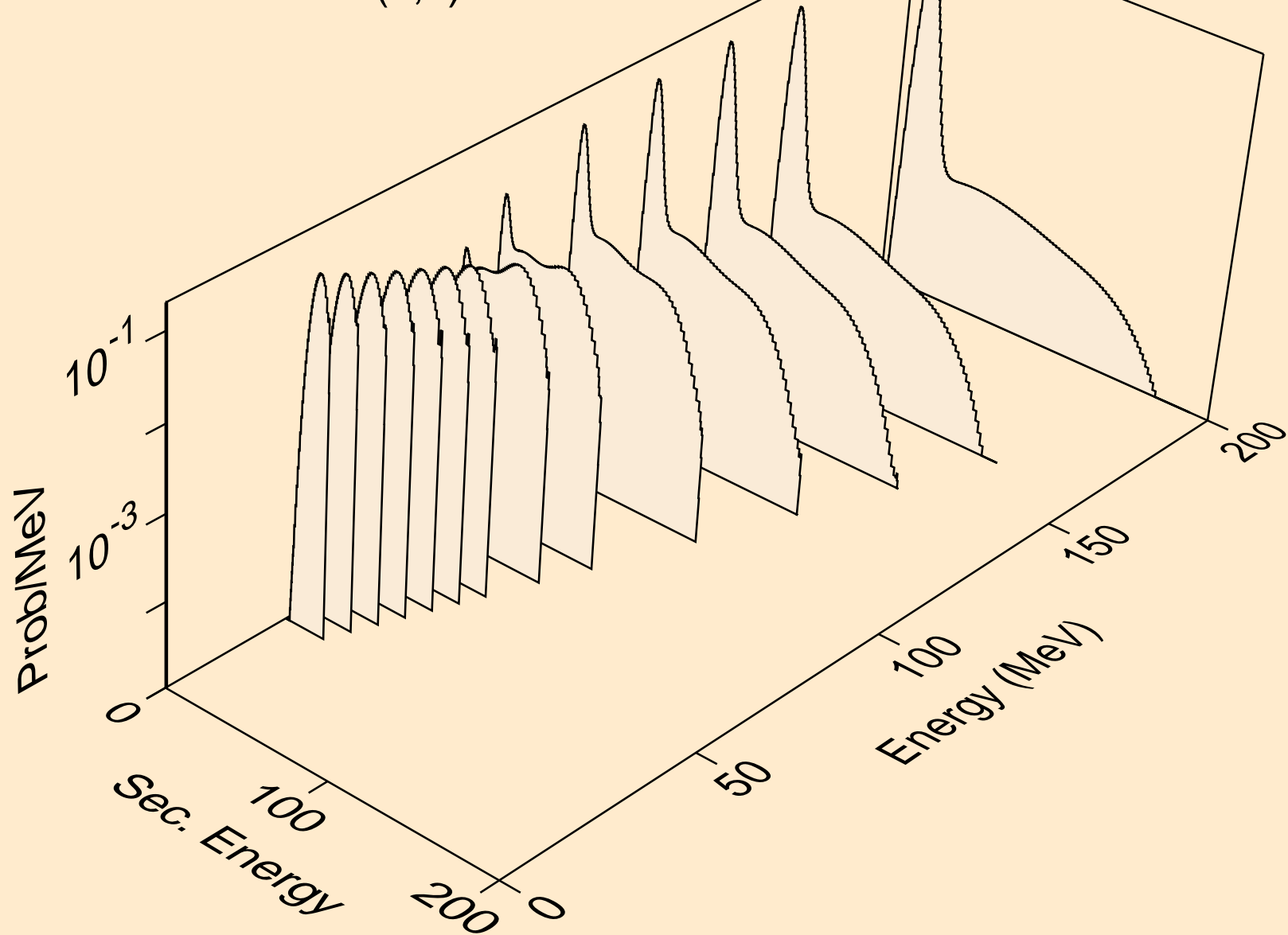
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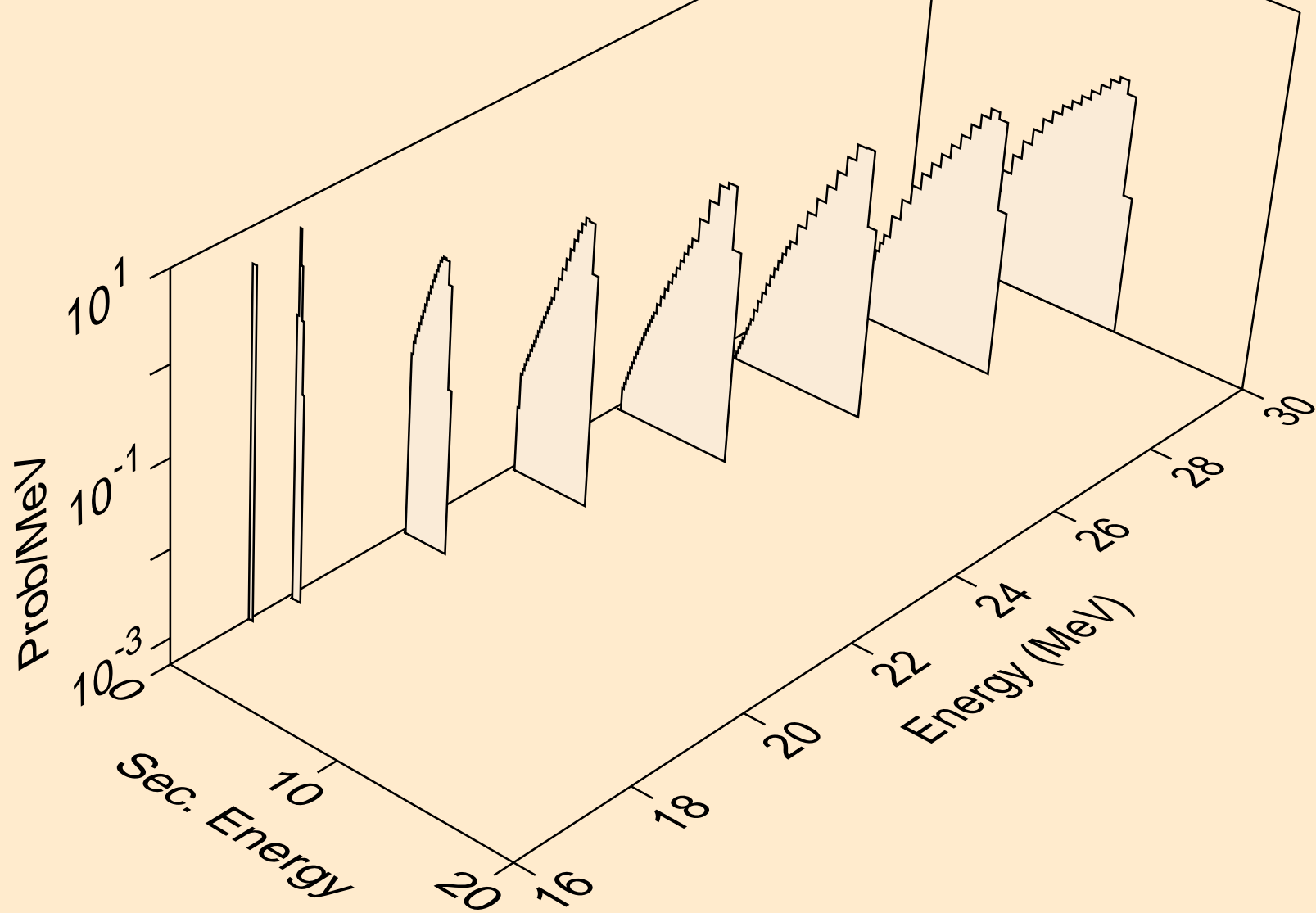
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protons from (s,pt)



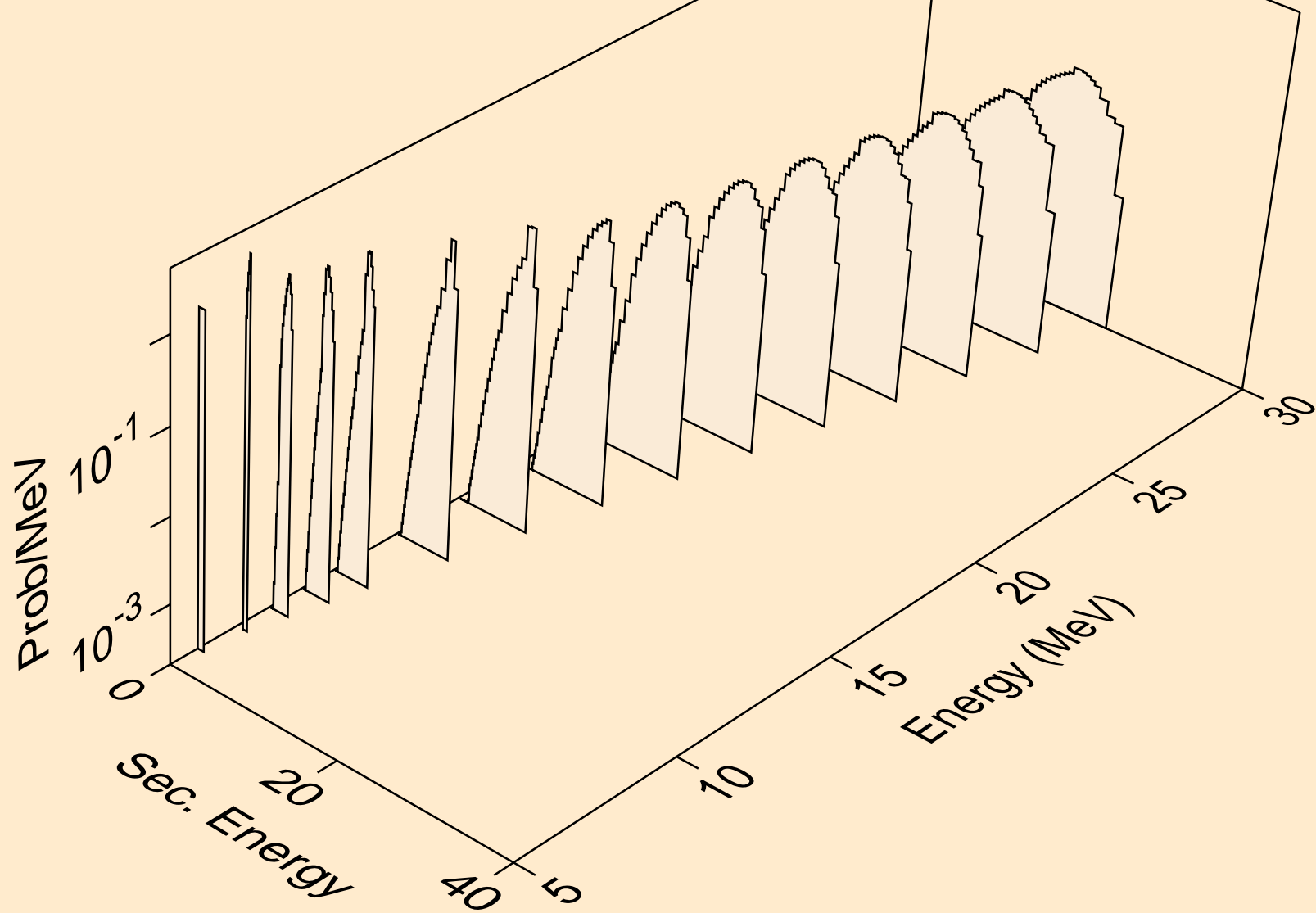
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deuterons from (s,x)



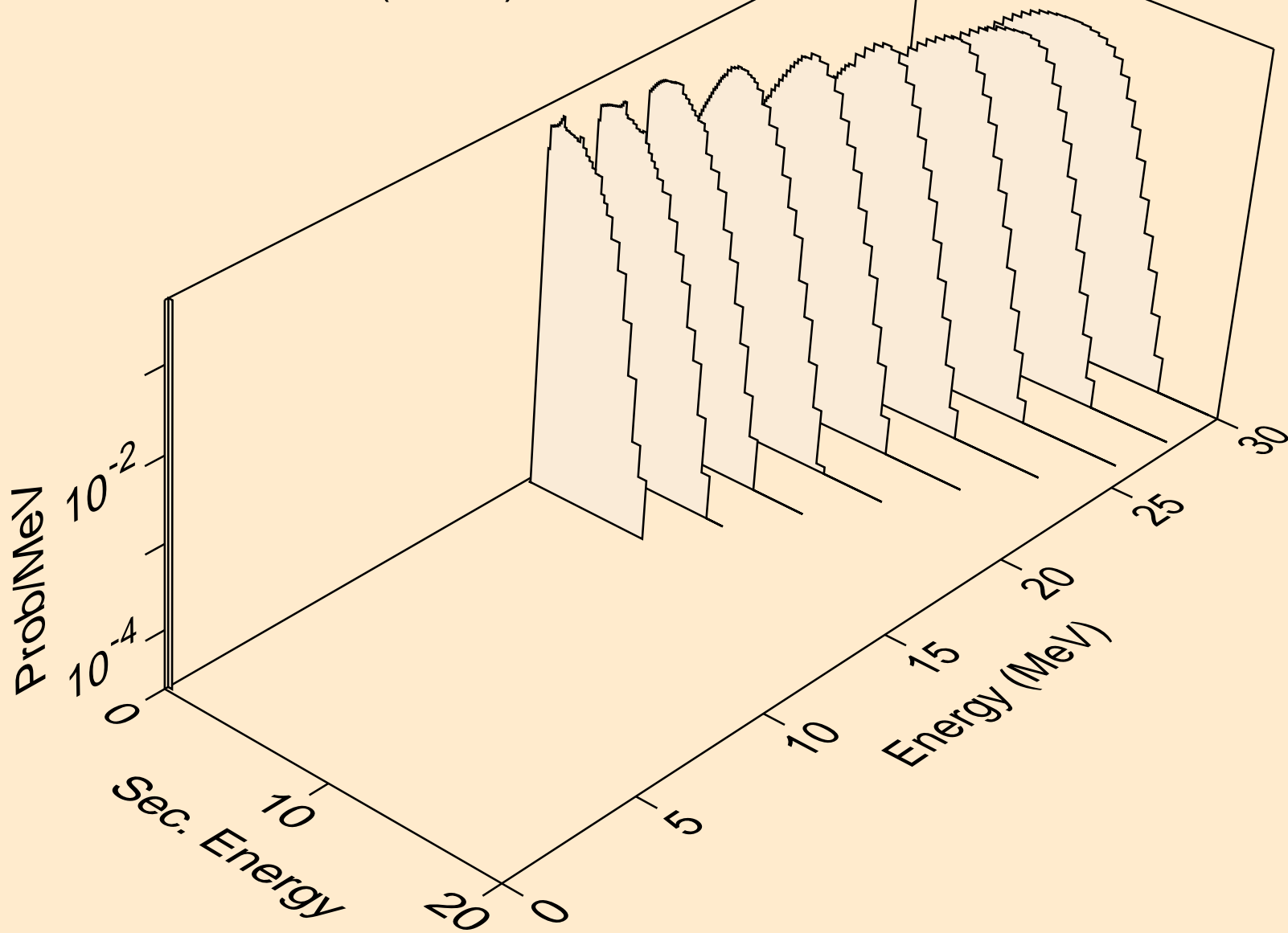
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deuterons from (s,n\*)d



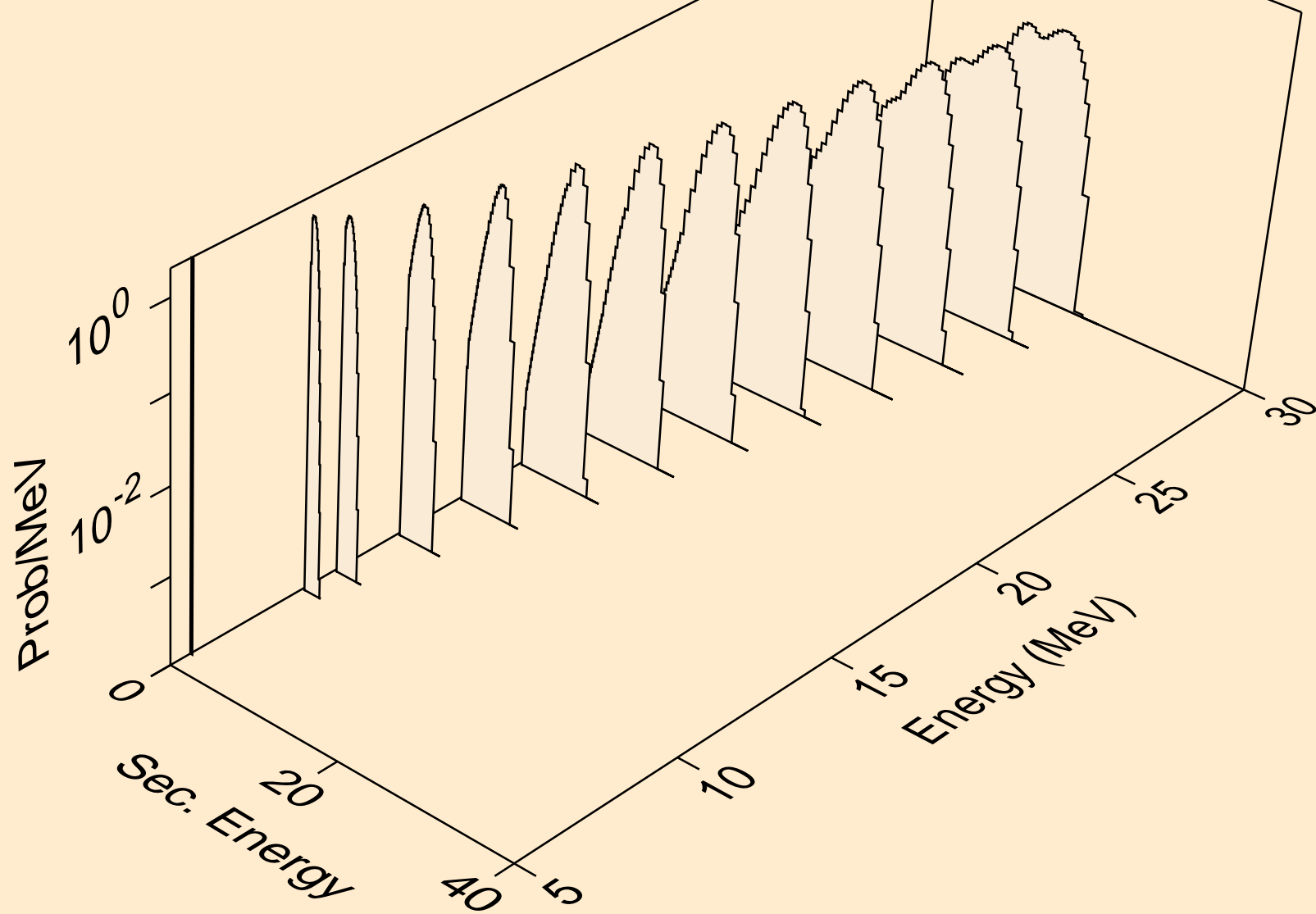
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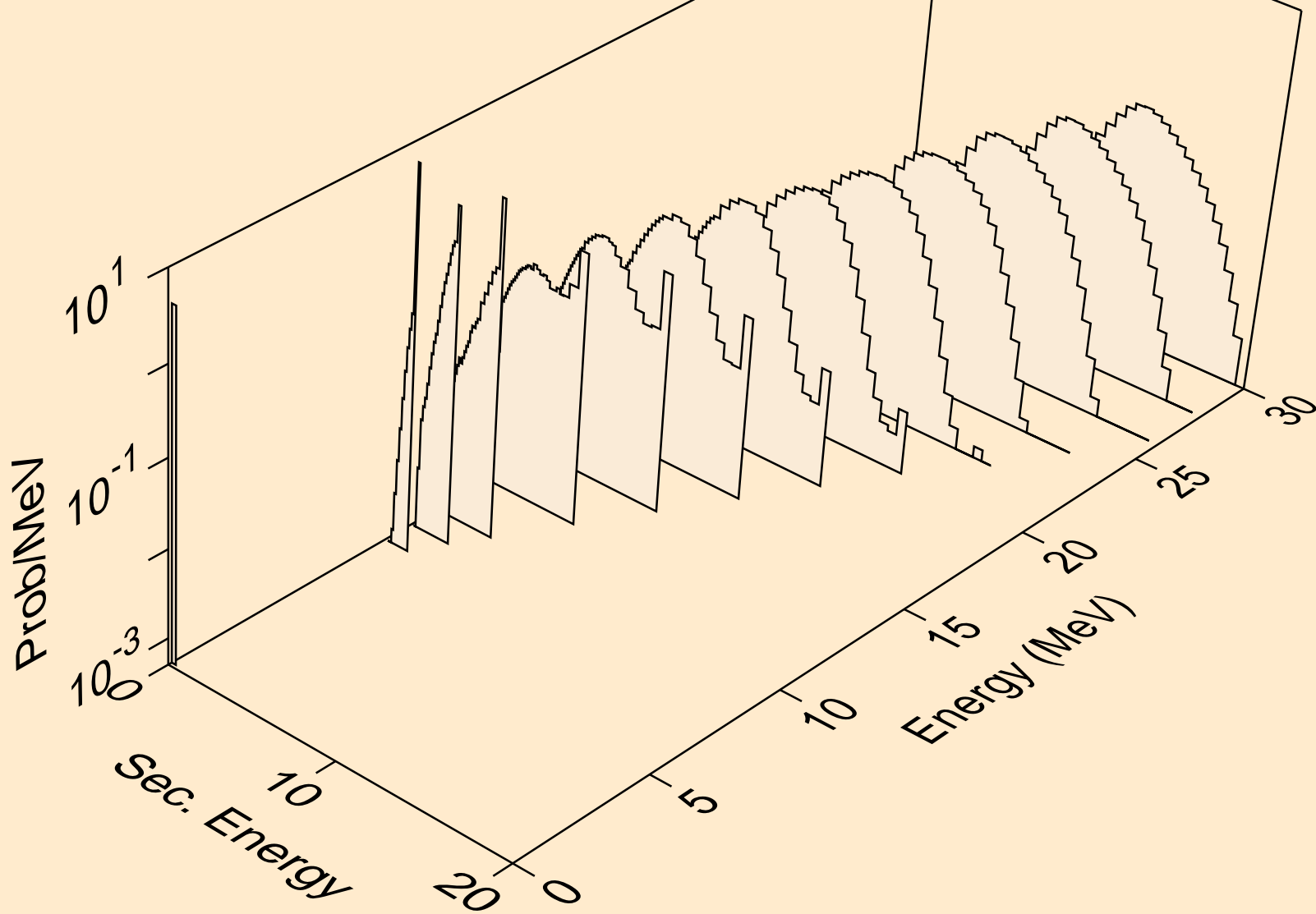
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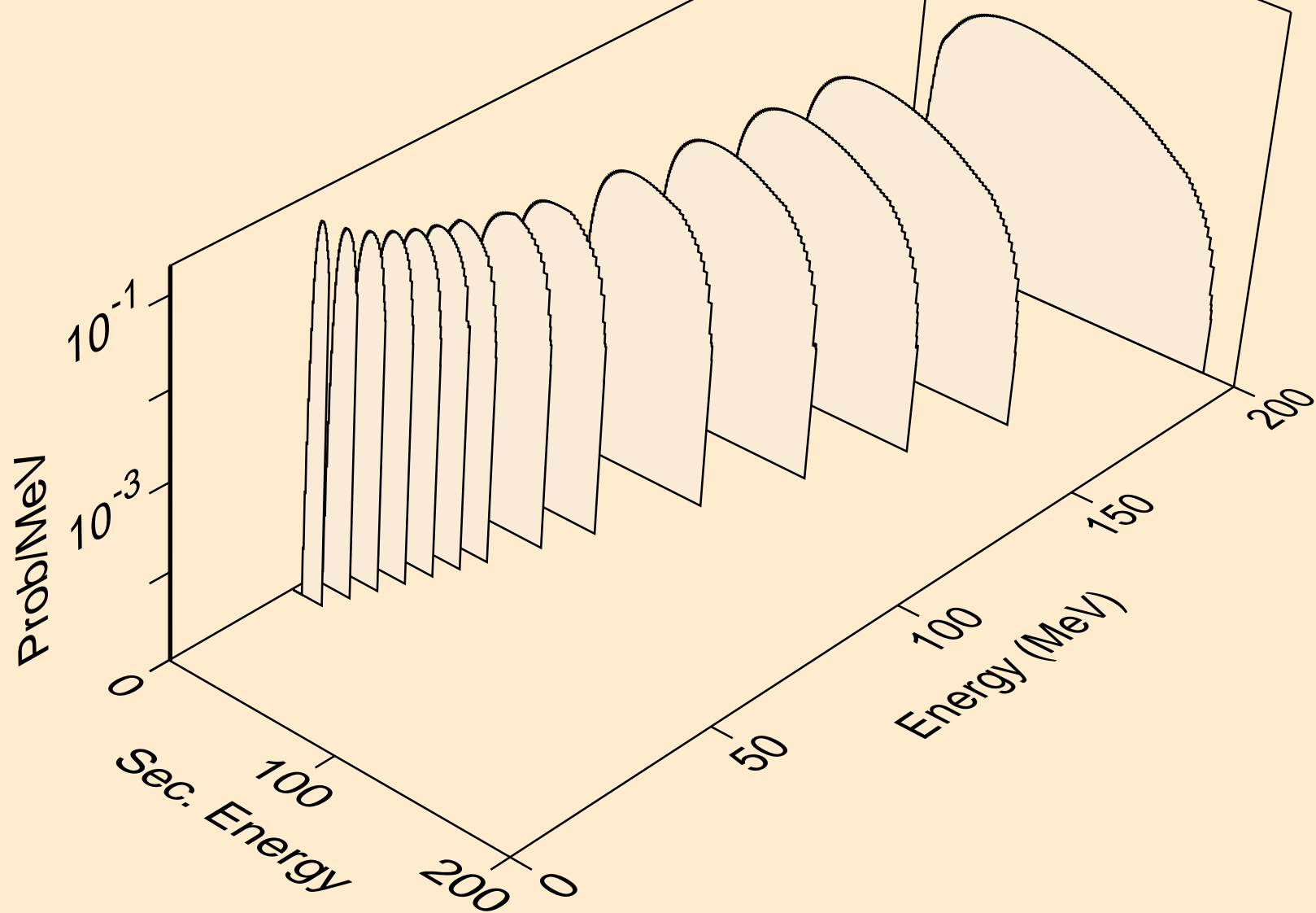
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deuterons from (s,pd)



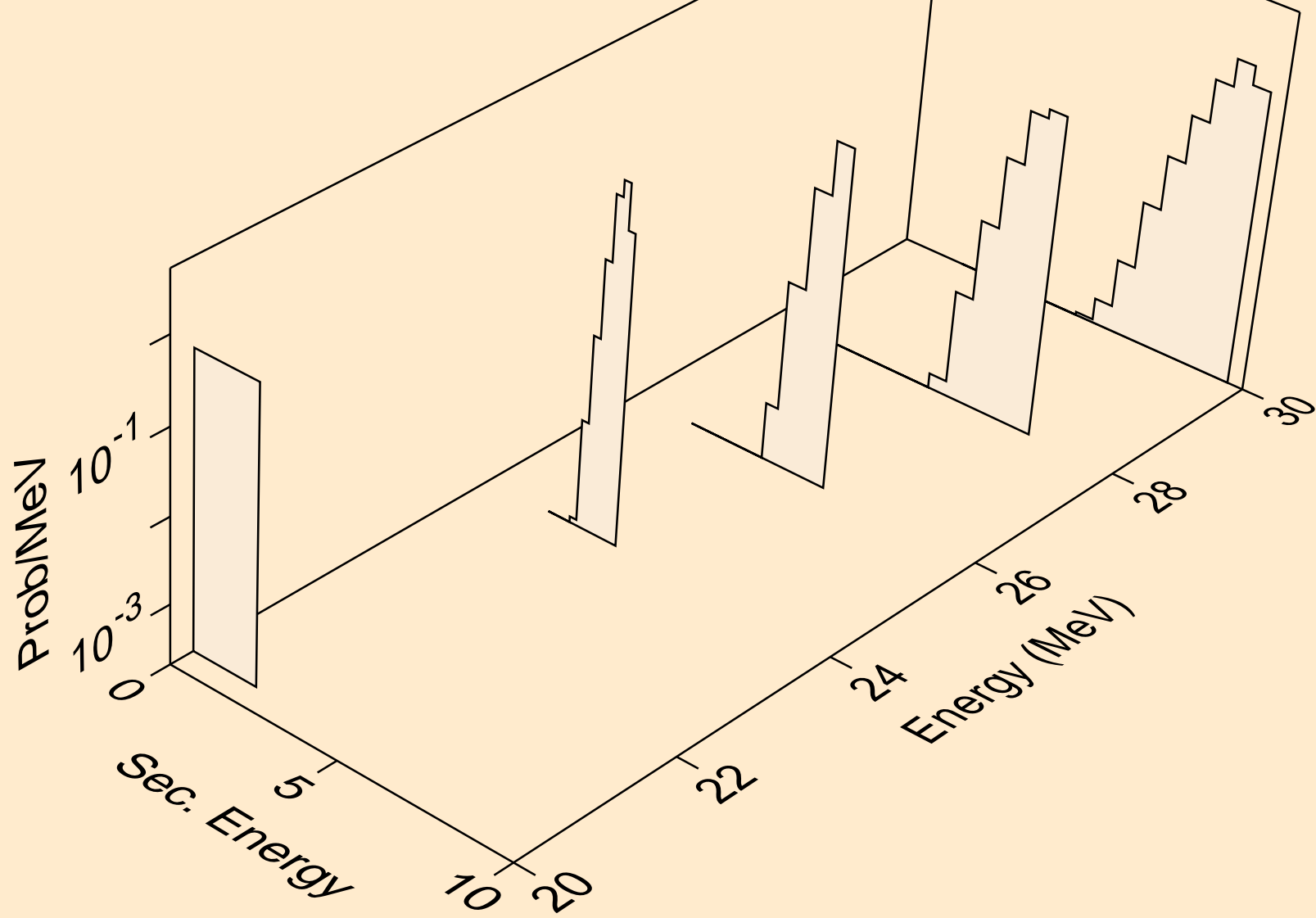
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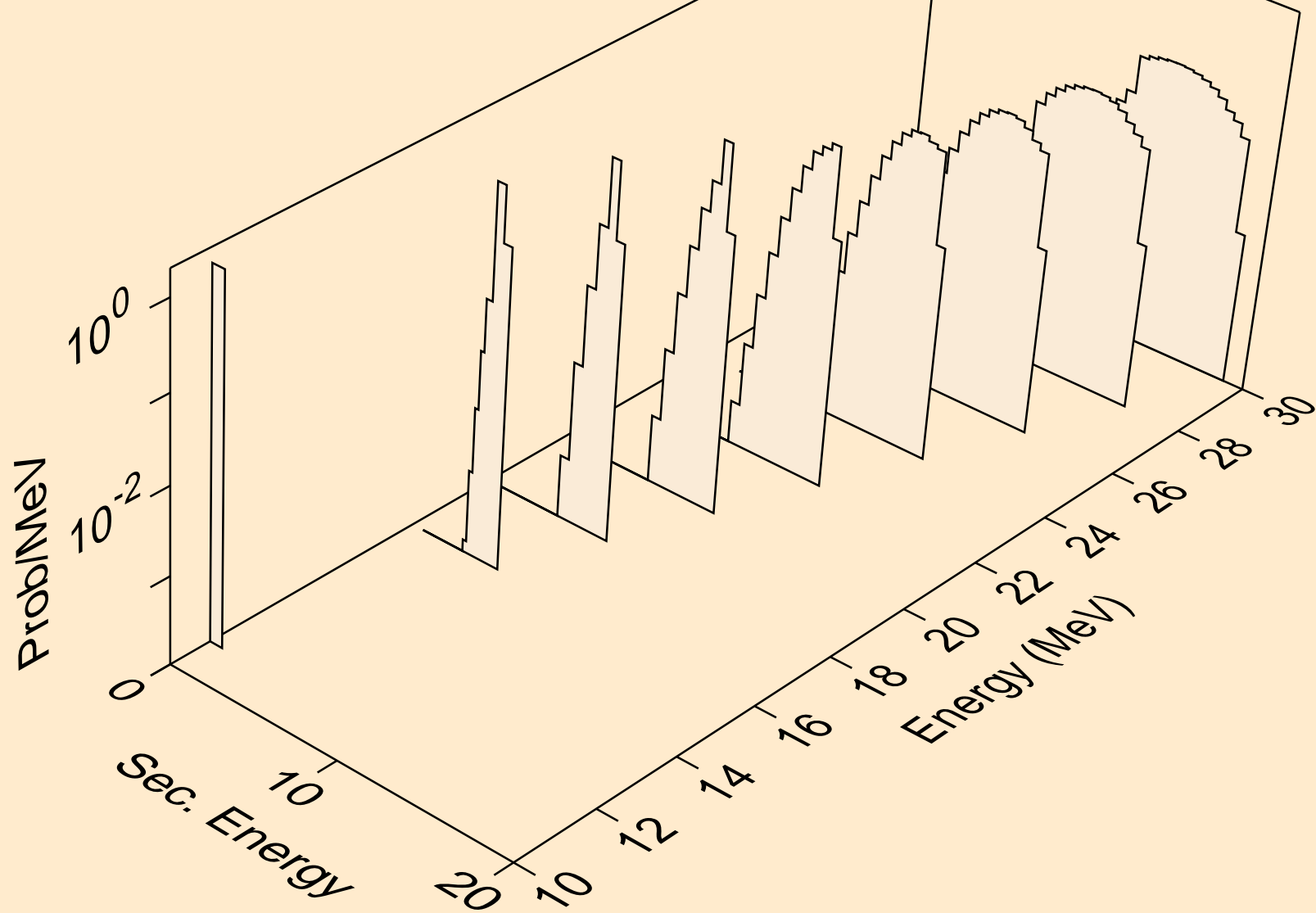
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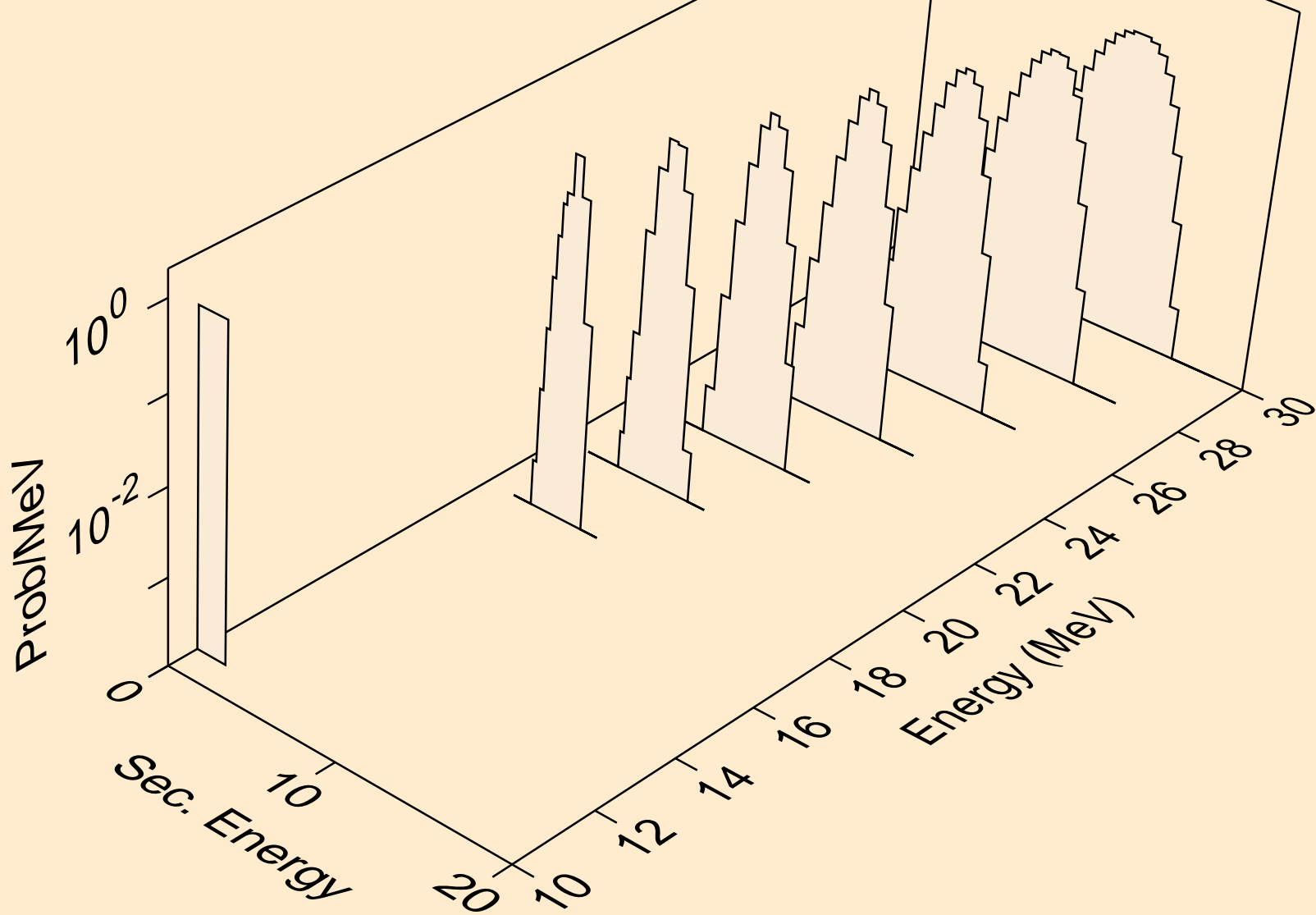
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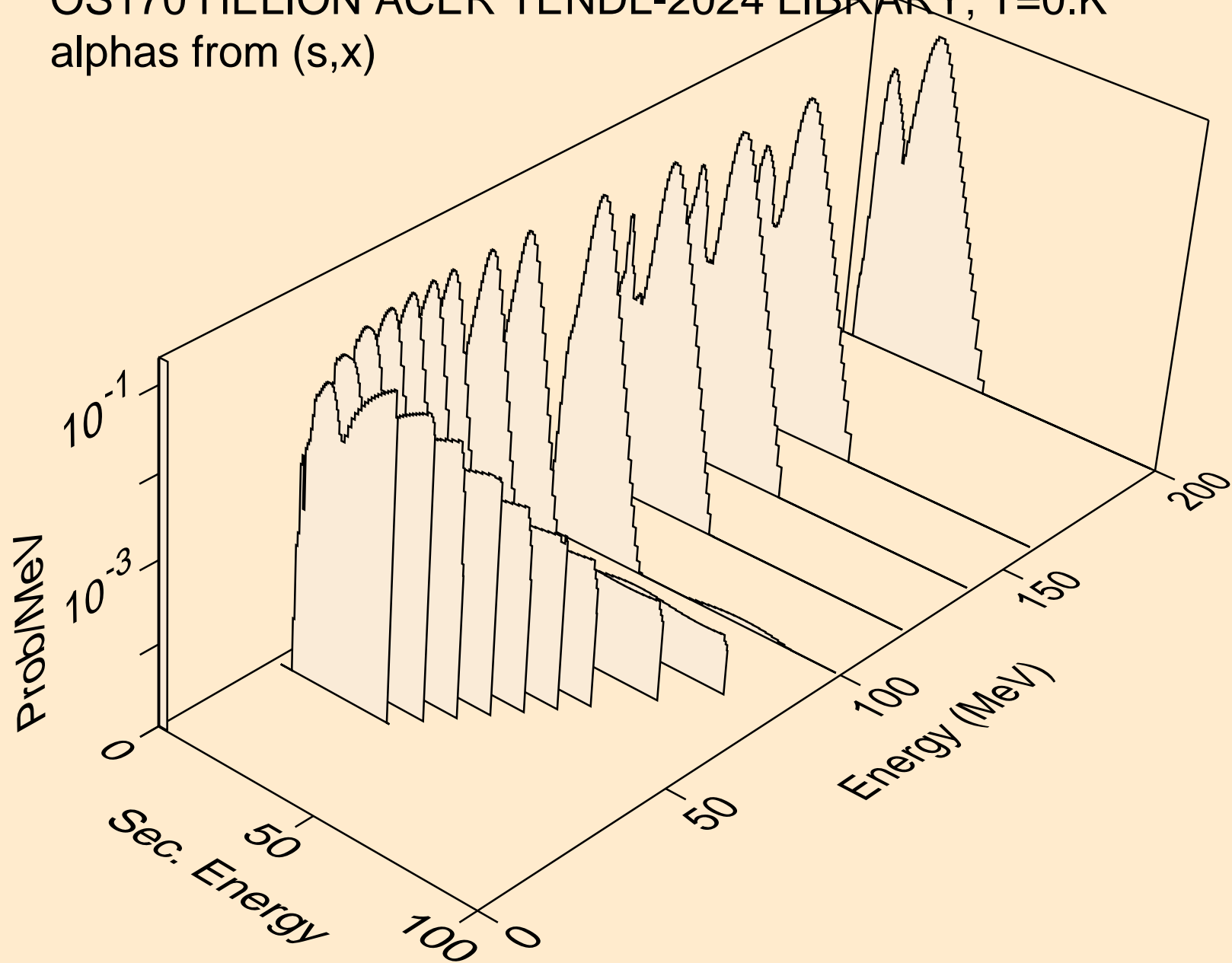
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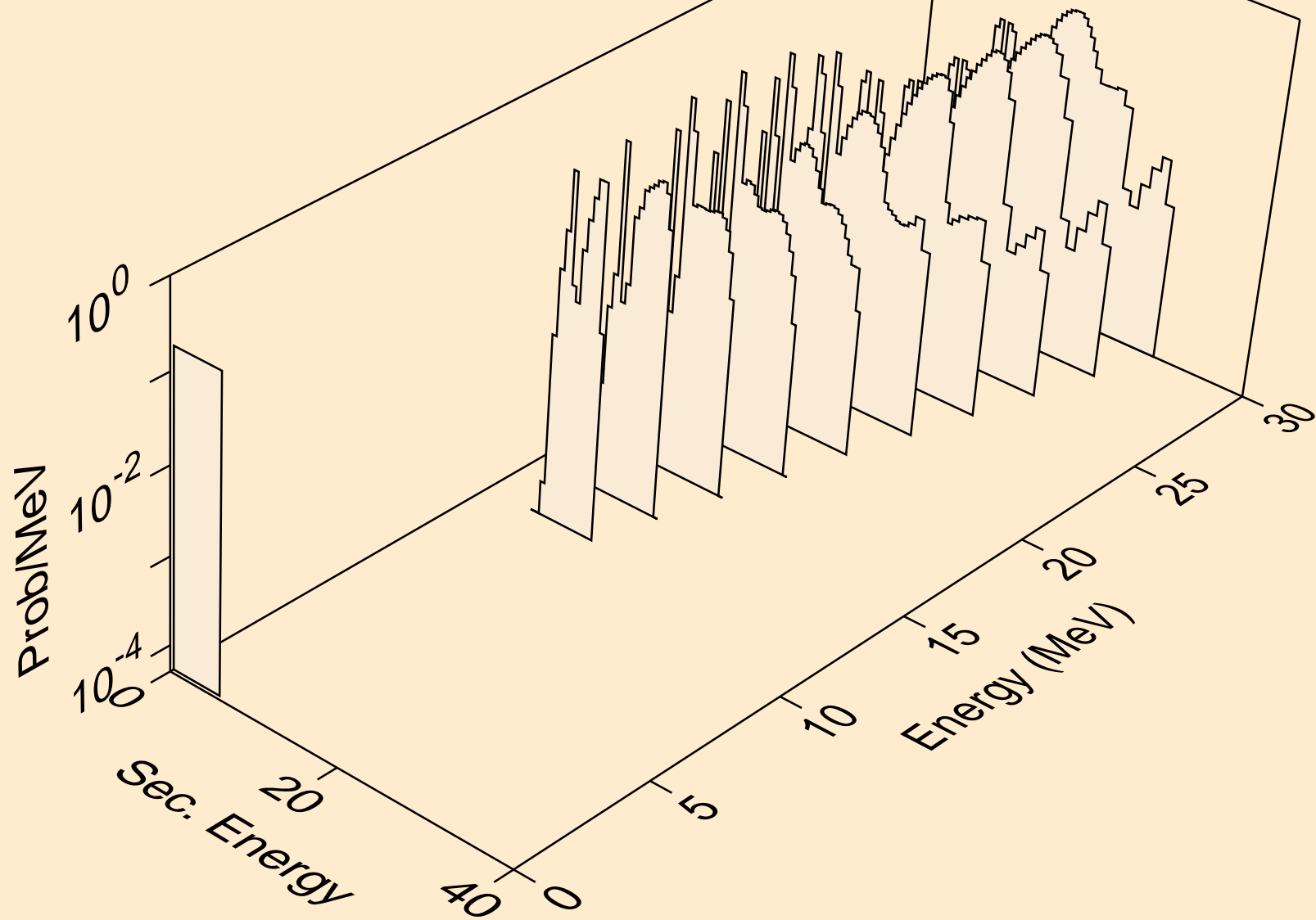
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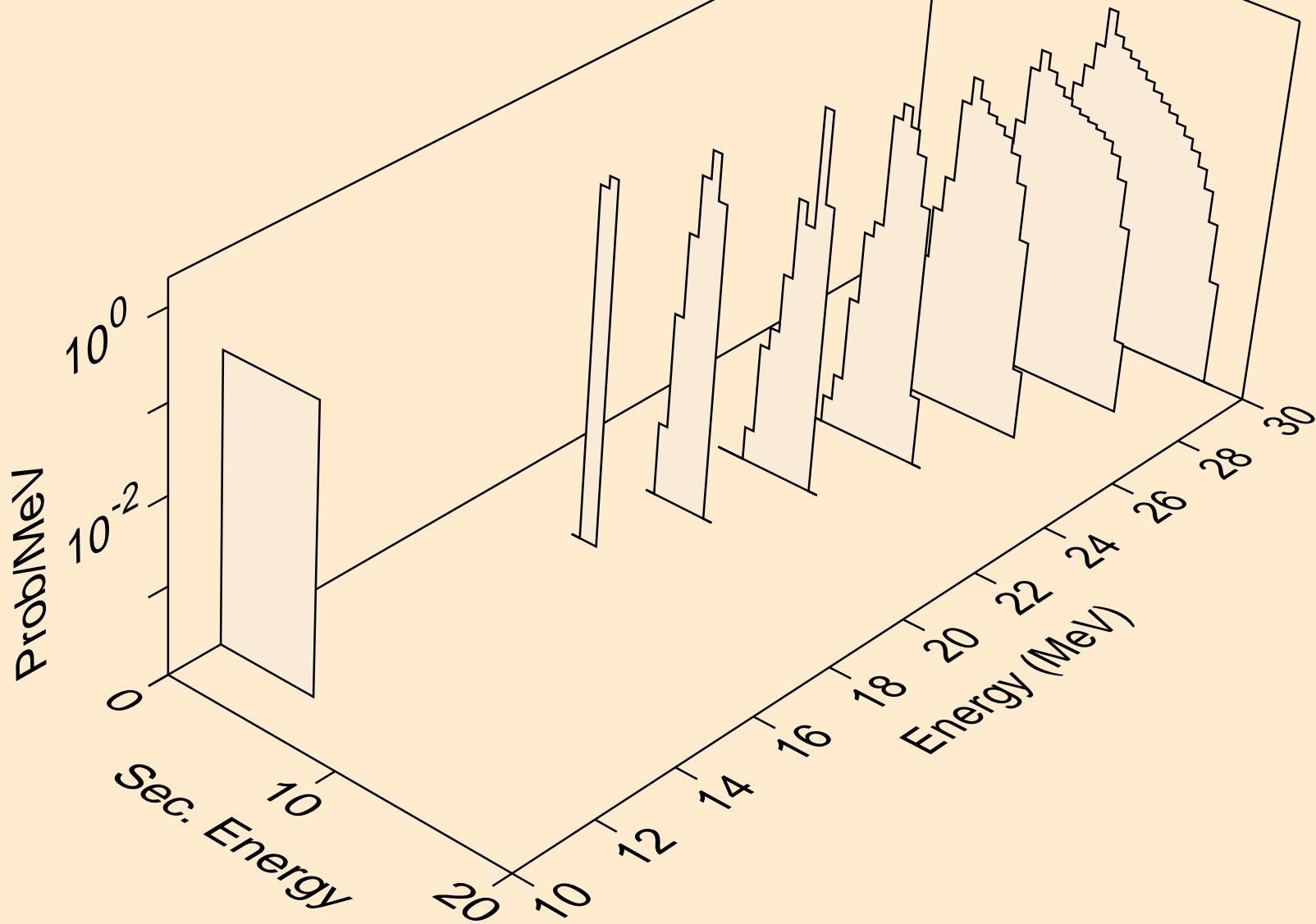
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alphas from (s,x)



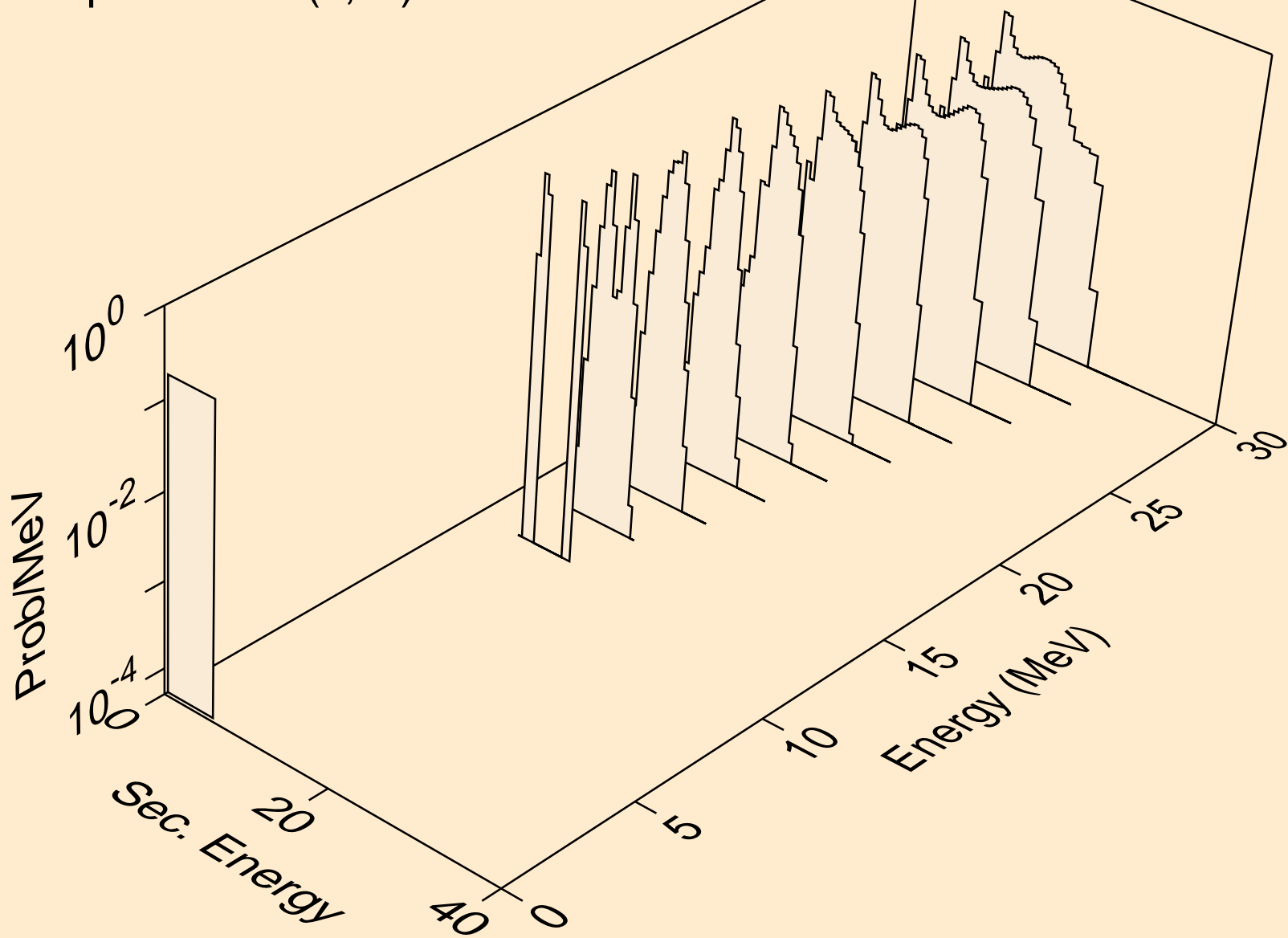
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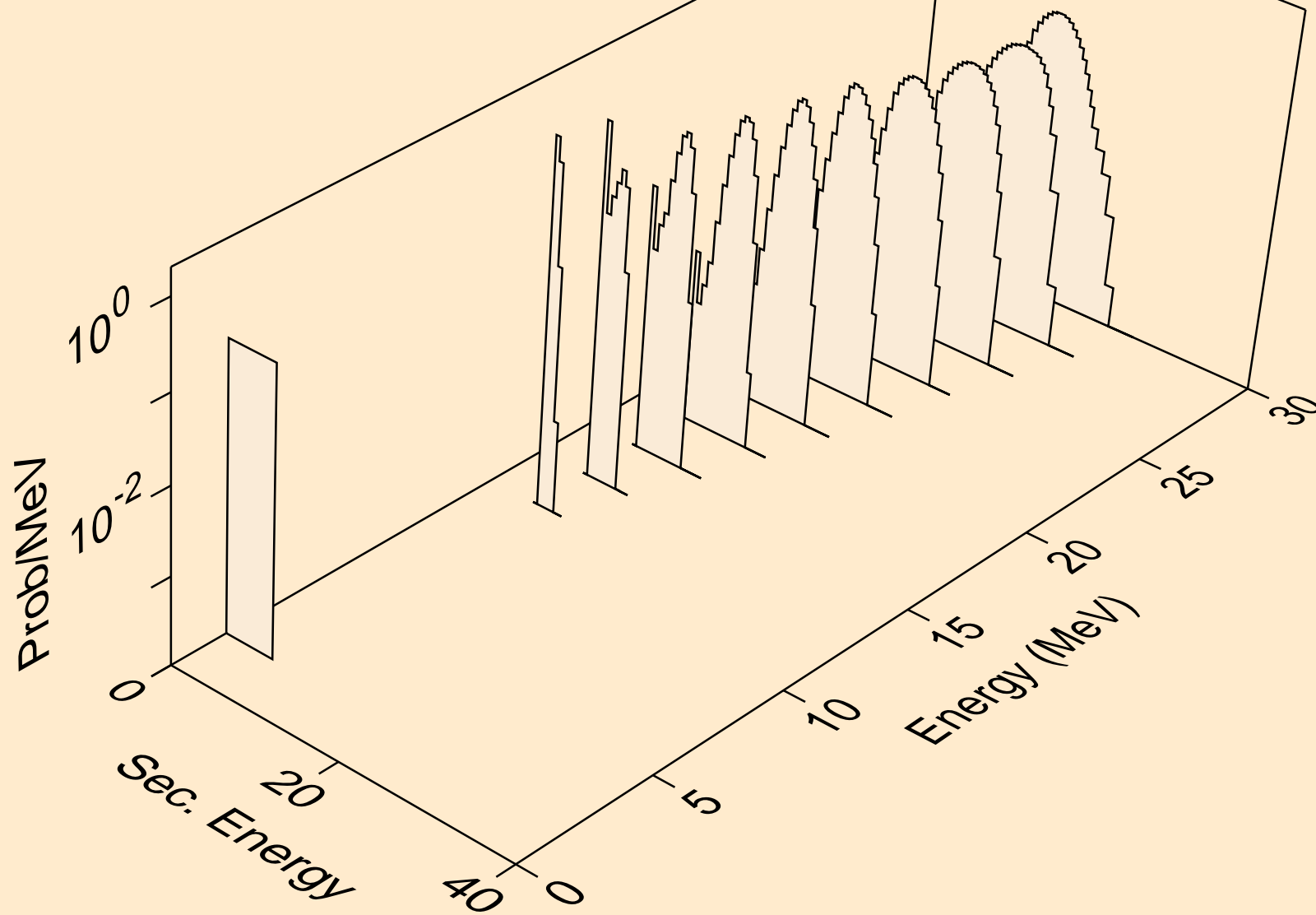
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alphas from (s,2n)a



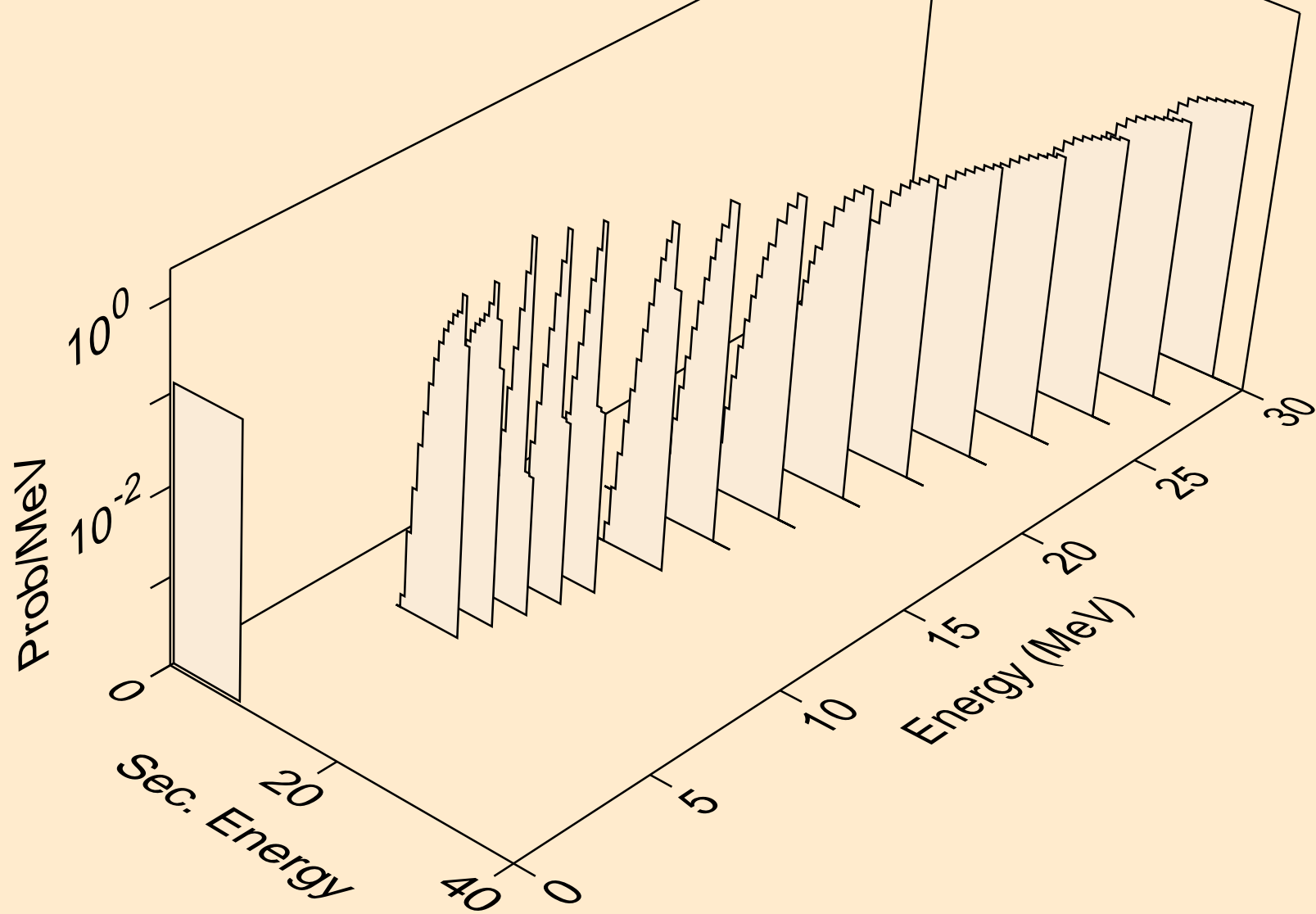
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alphas from (s,n\*)2a



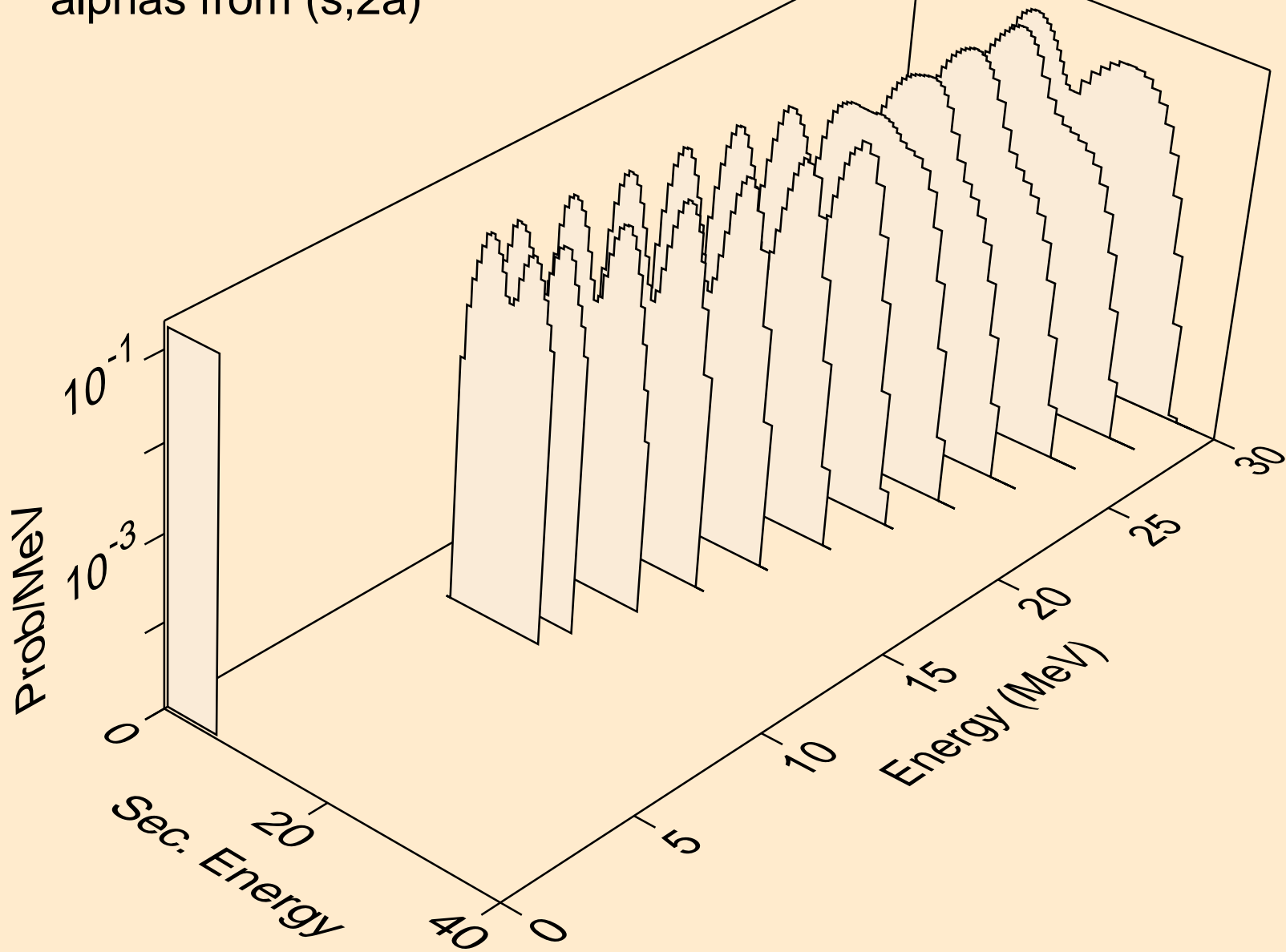
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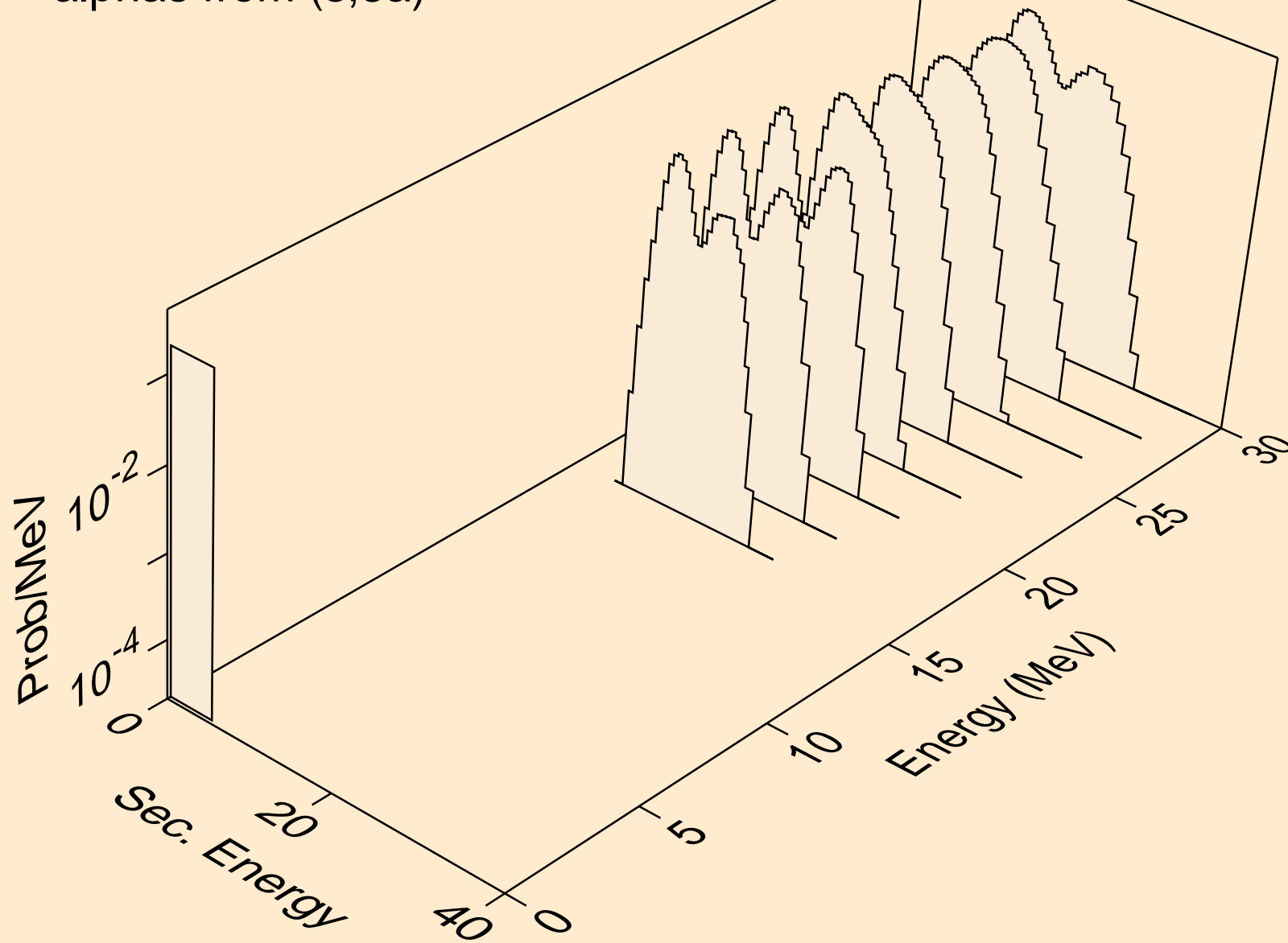
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alphas from (s,a)



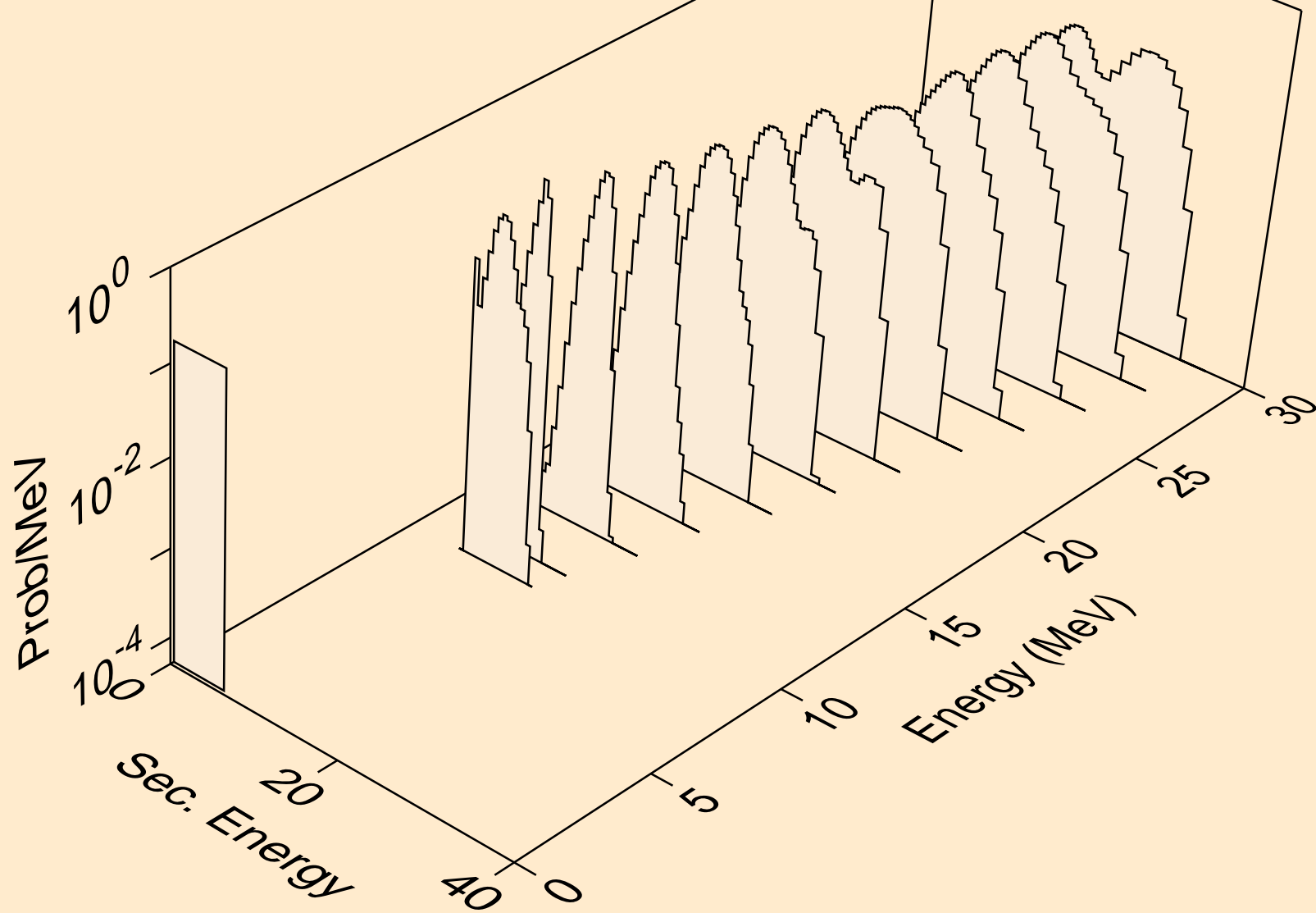
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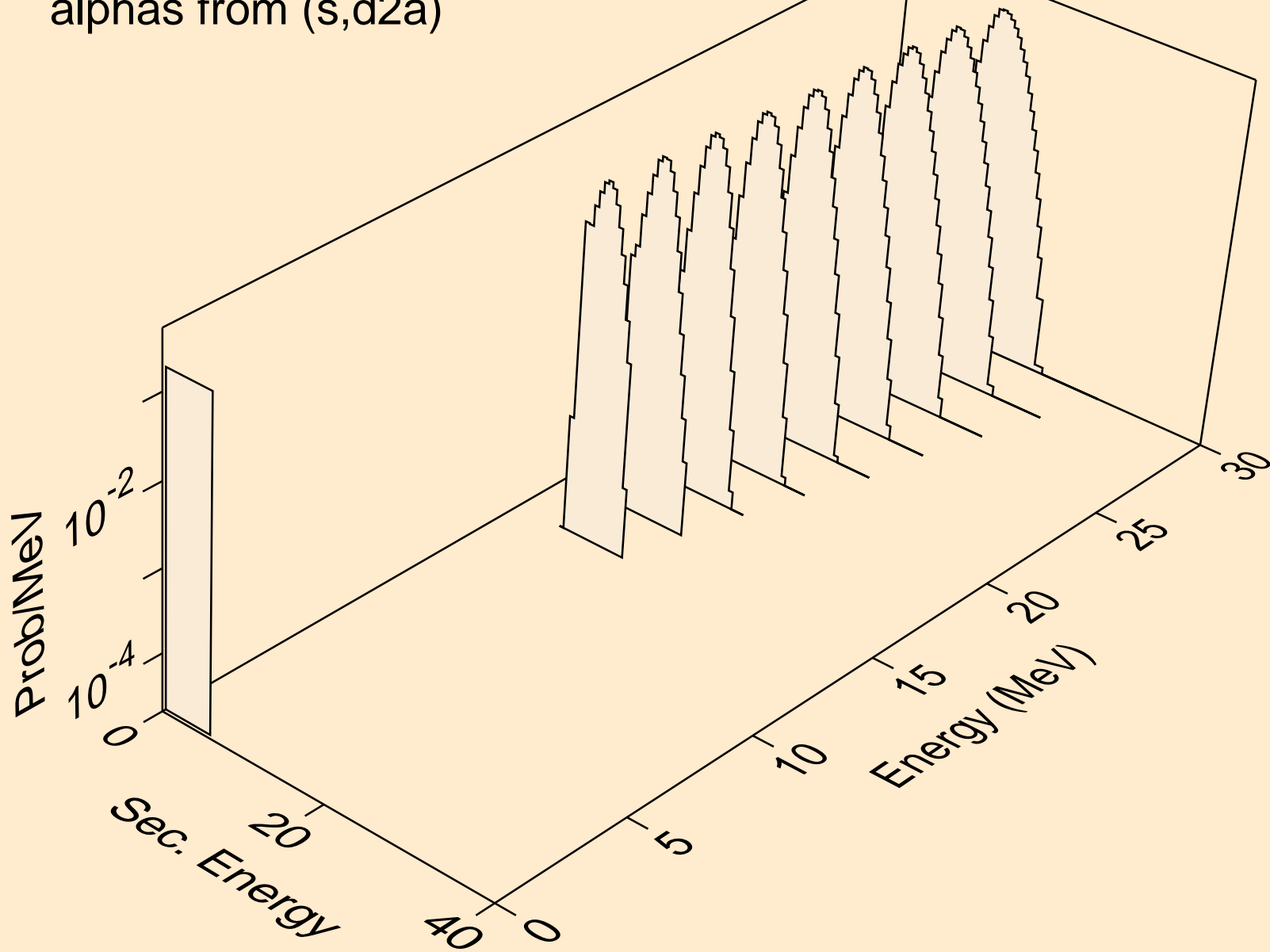
OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)



OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,d2a)



OS170 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

