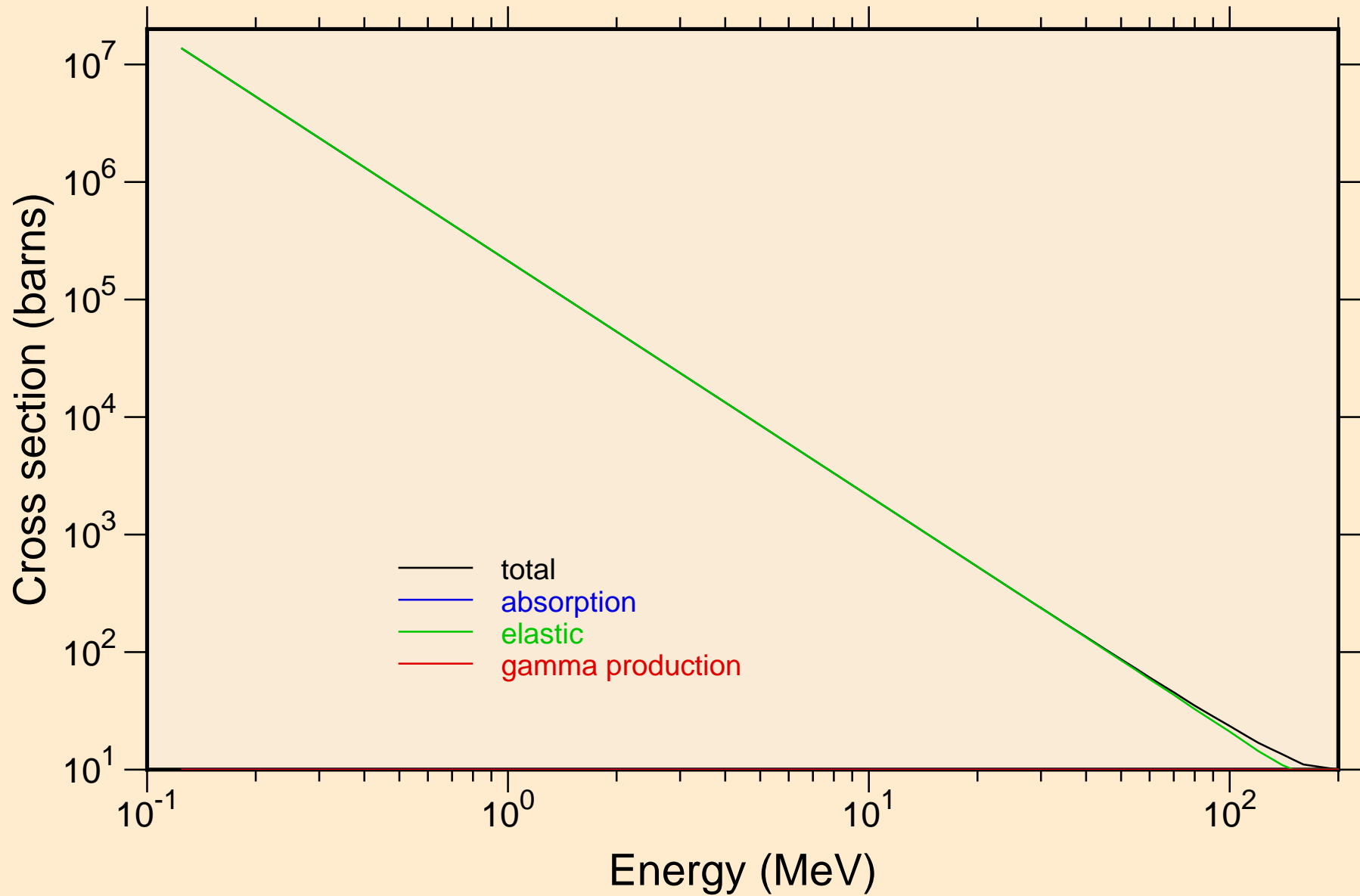
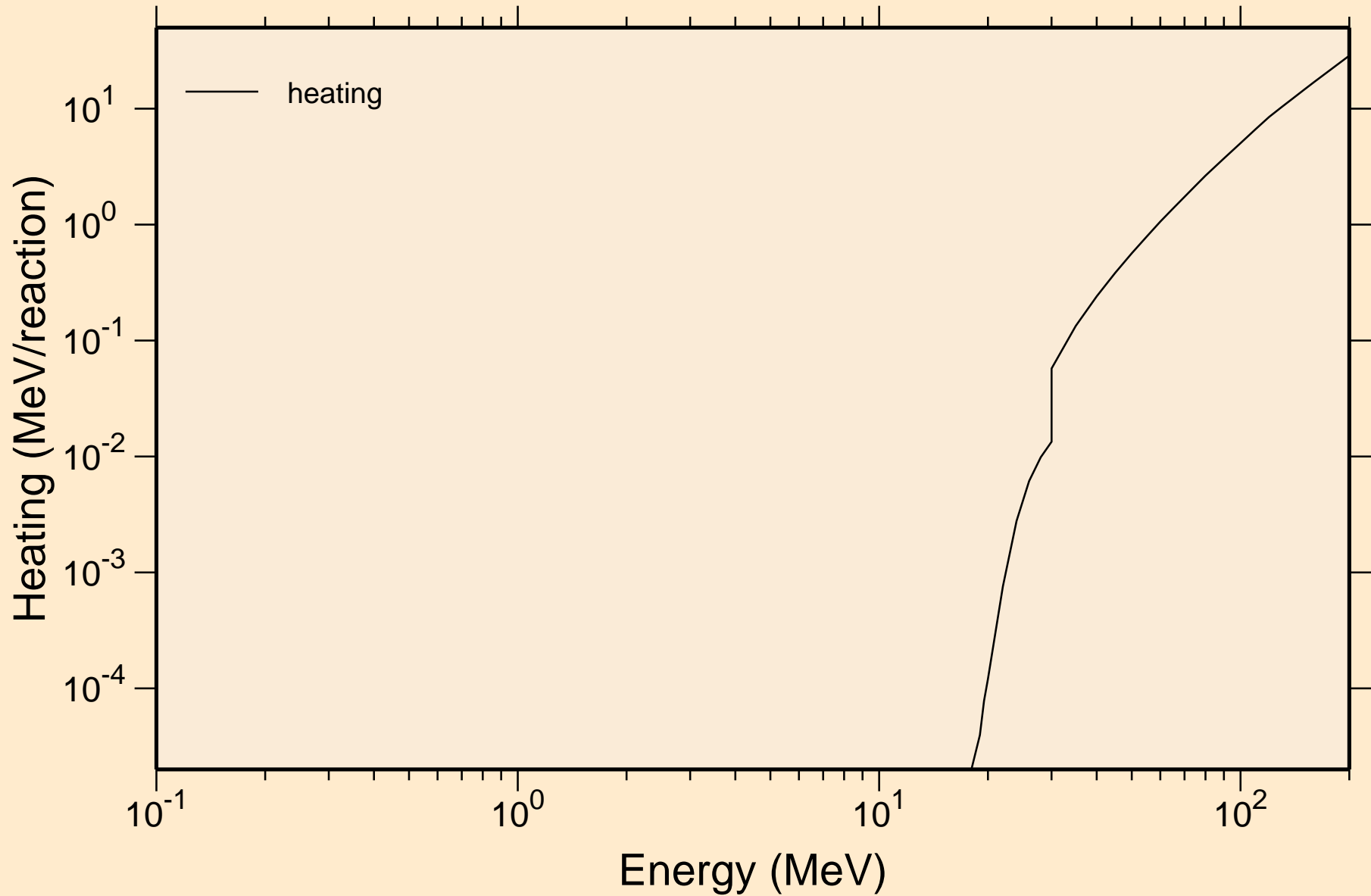


U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



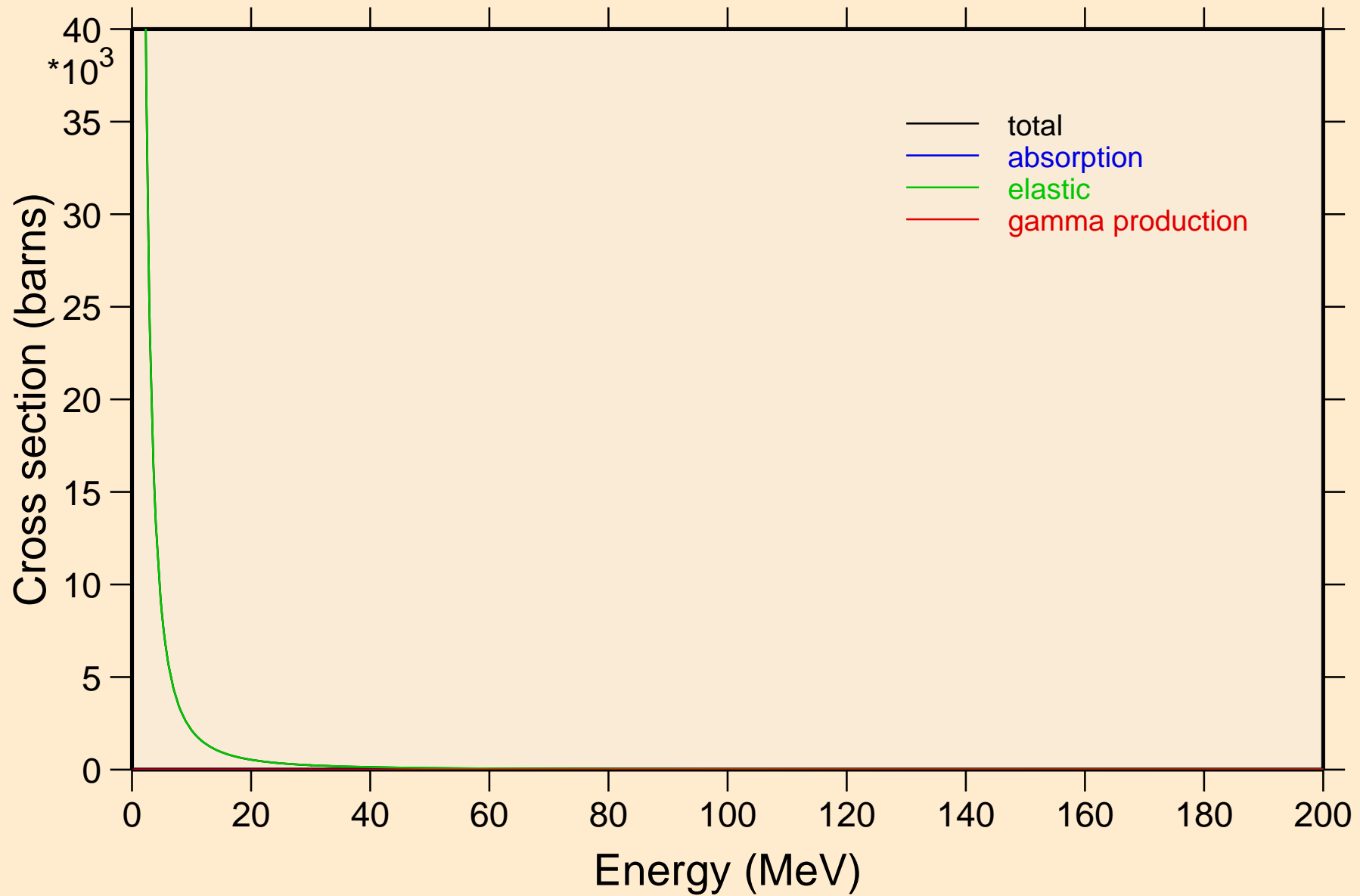
# U234 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Heating



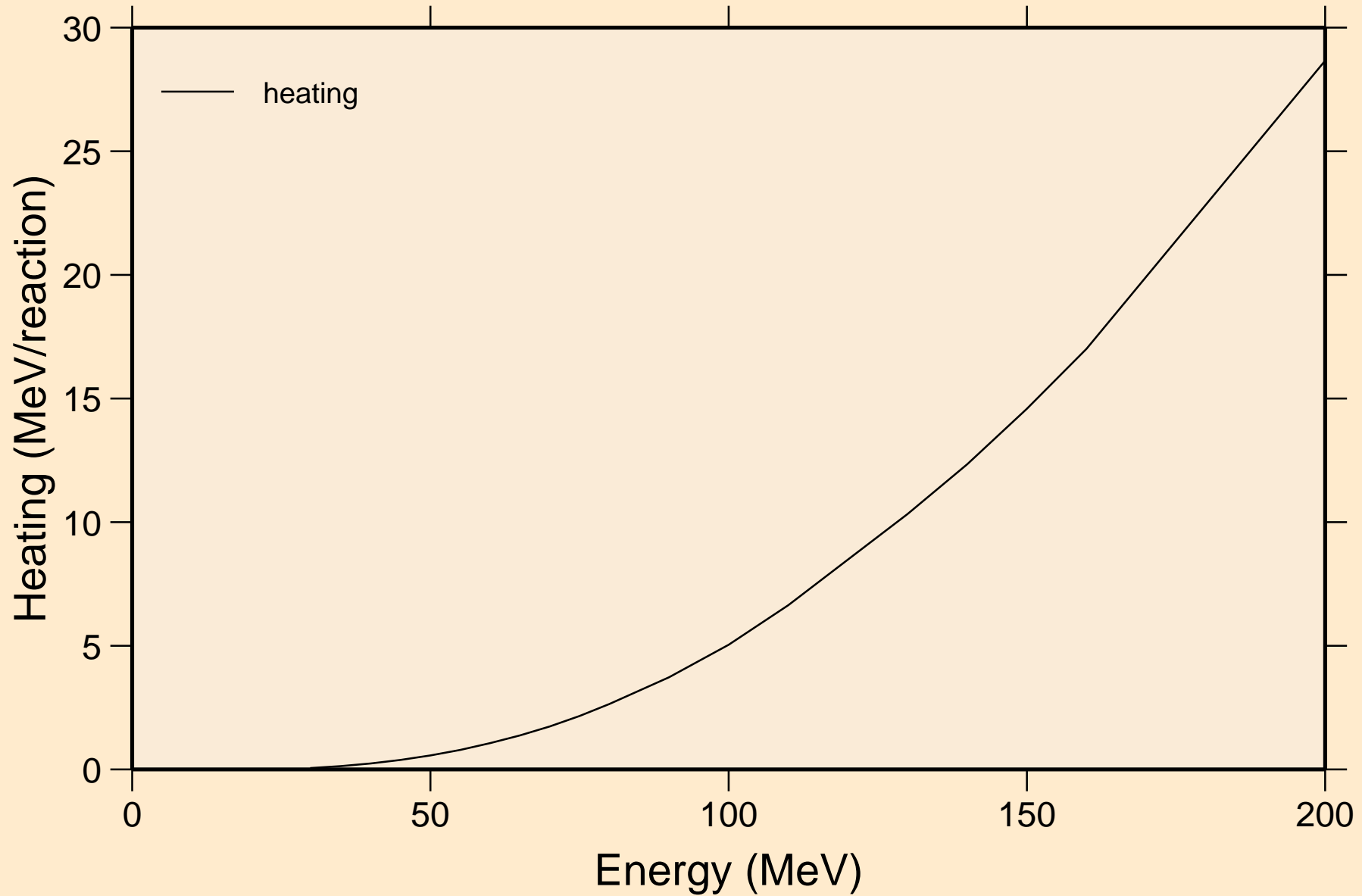
# U234 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

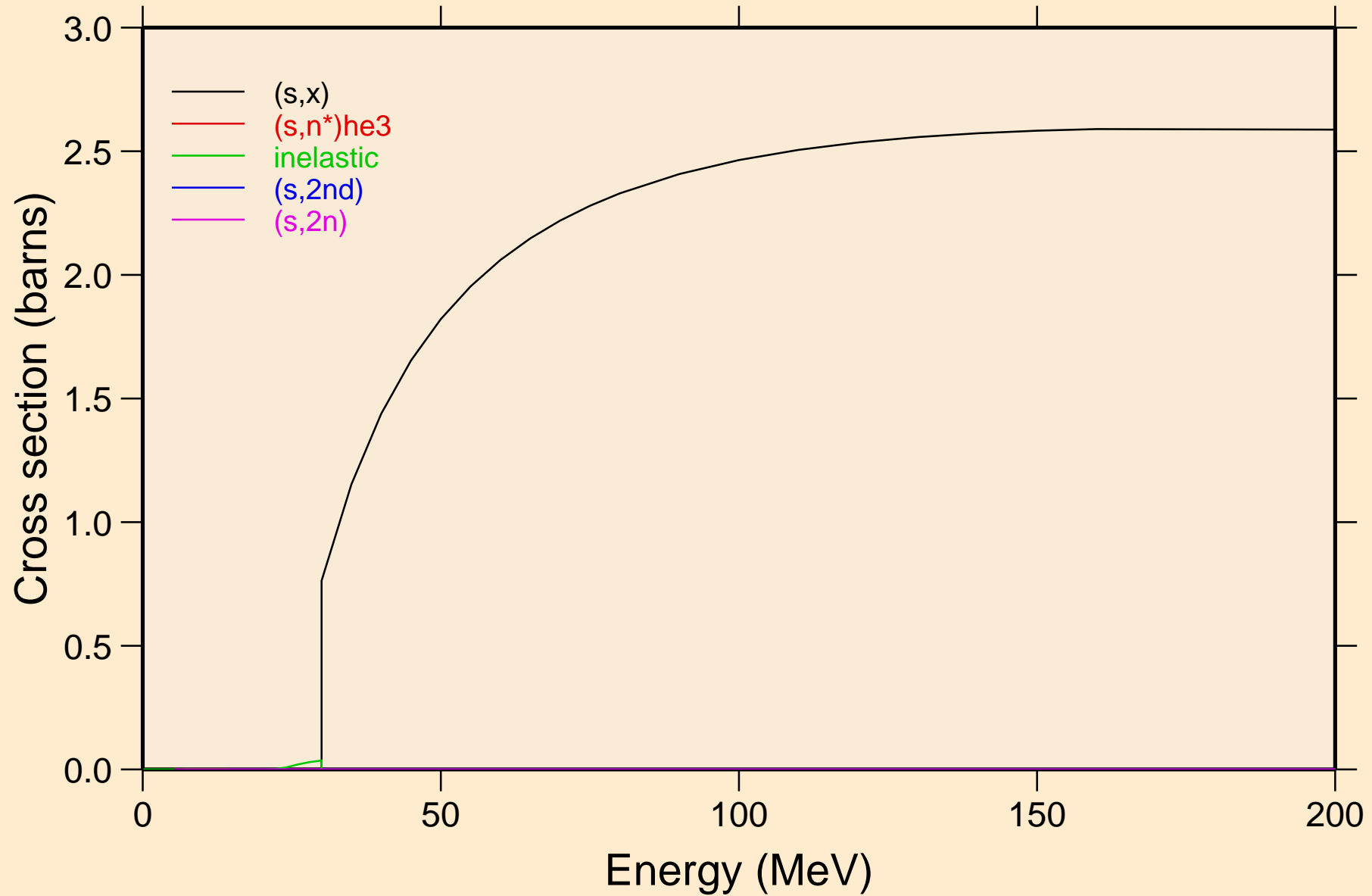


U234 HELION ACER TENDL-2024 LIBRARY; T=0.K

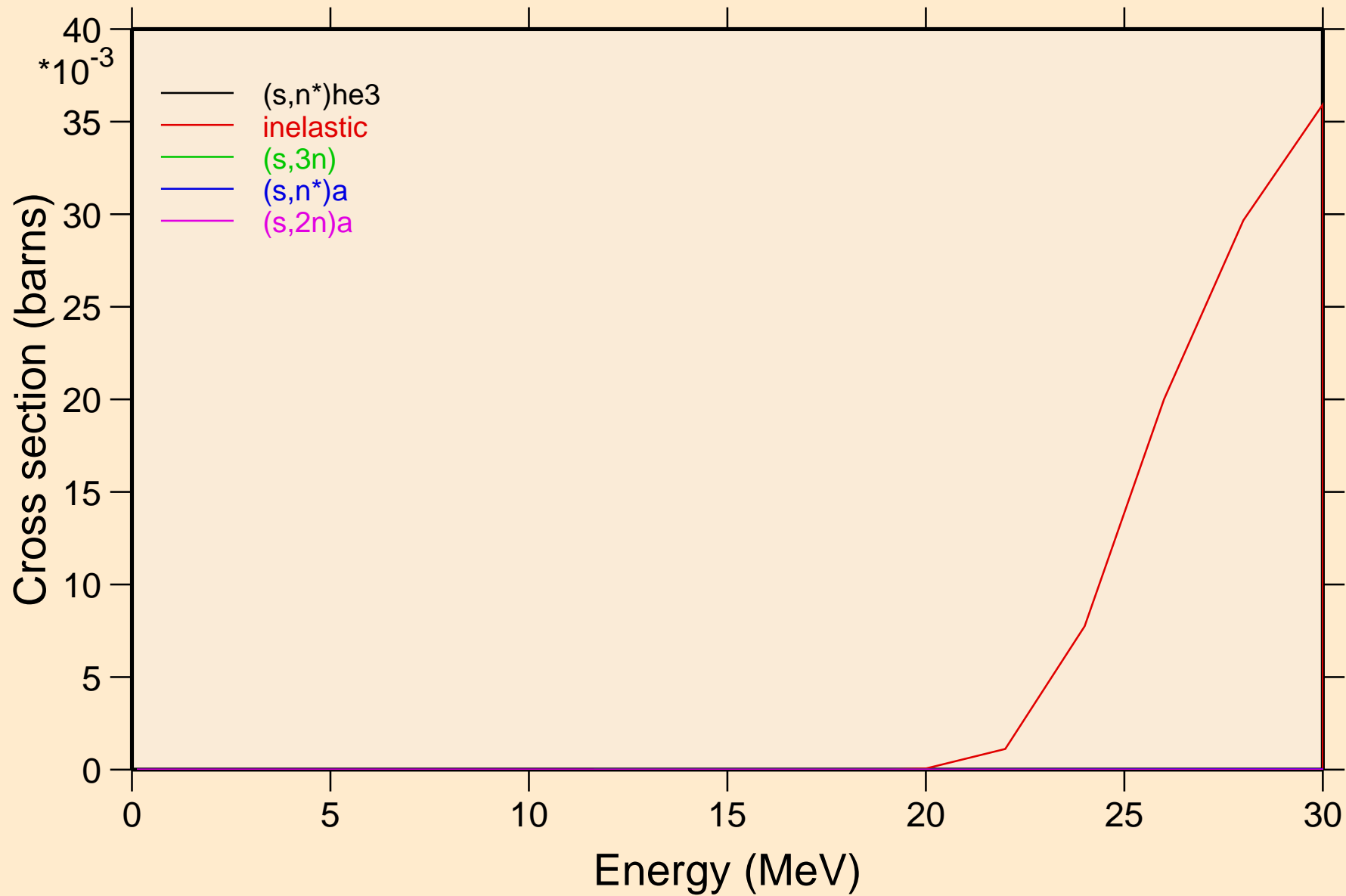
Heating



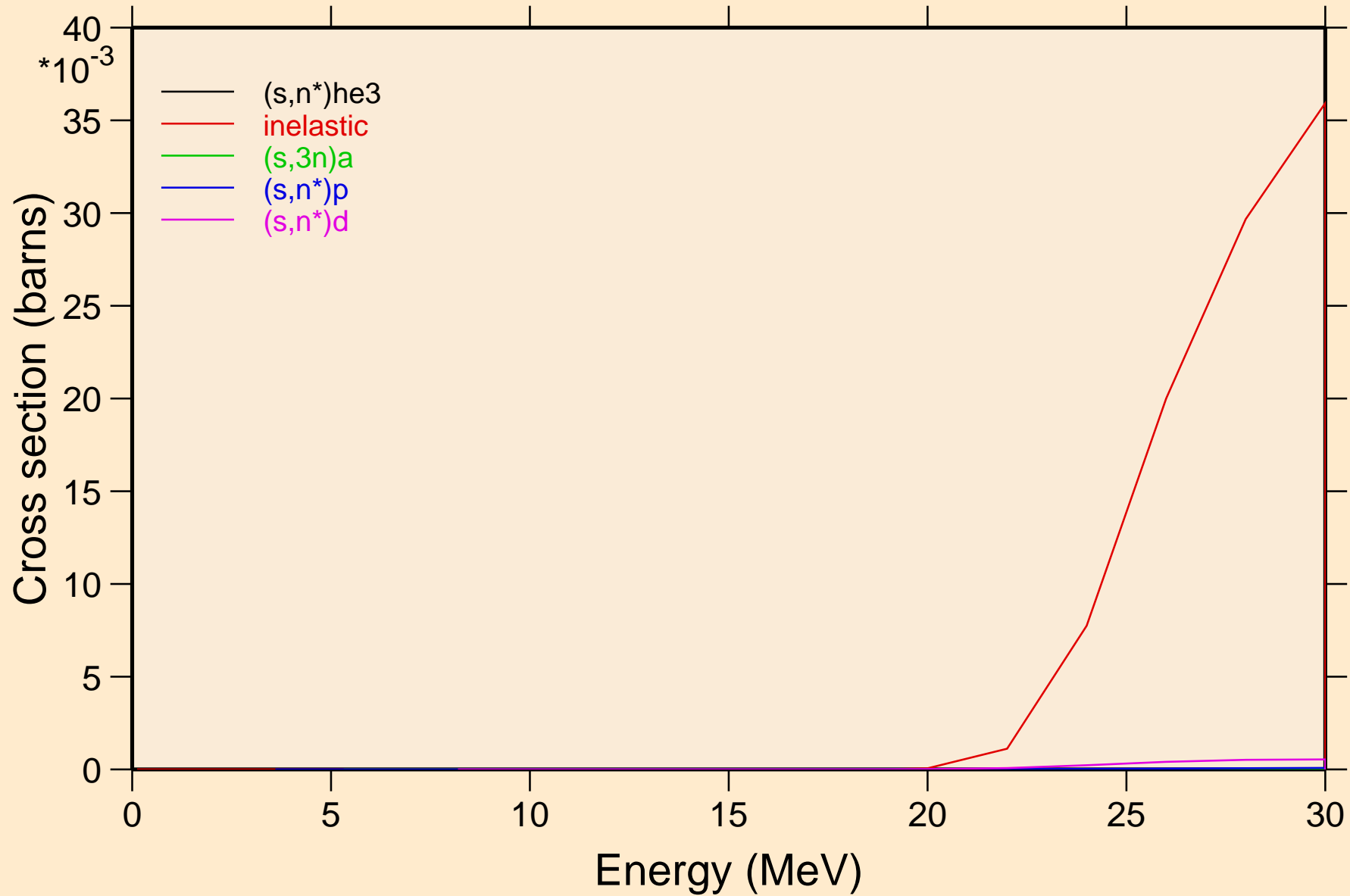
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



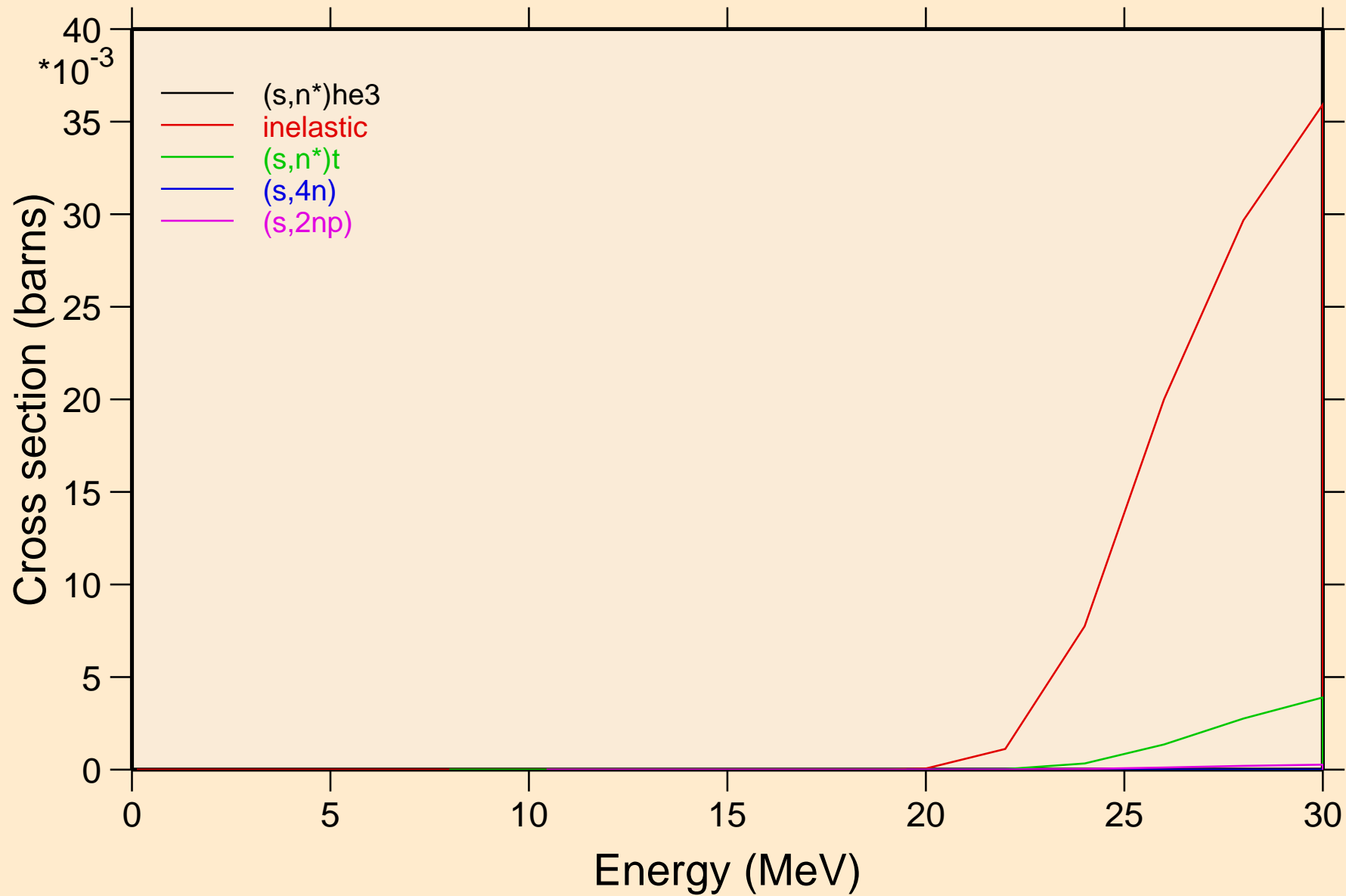
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



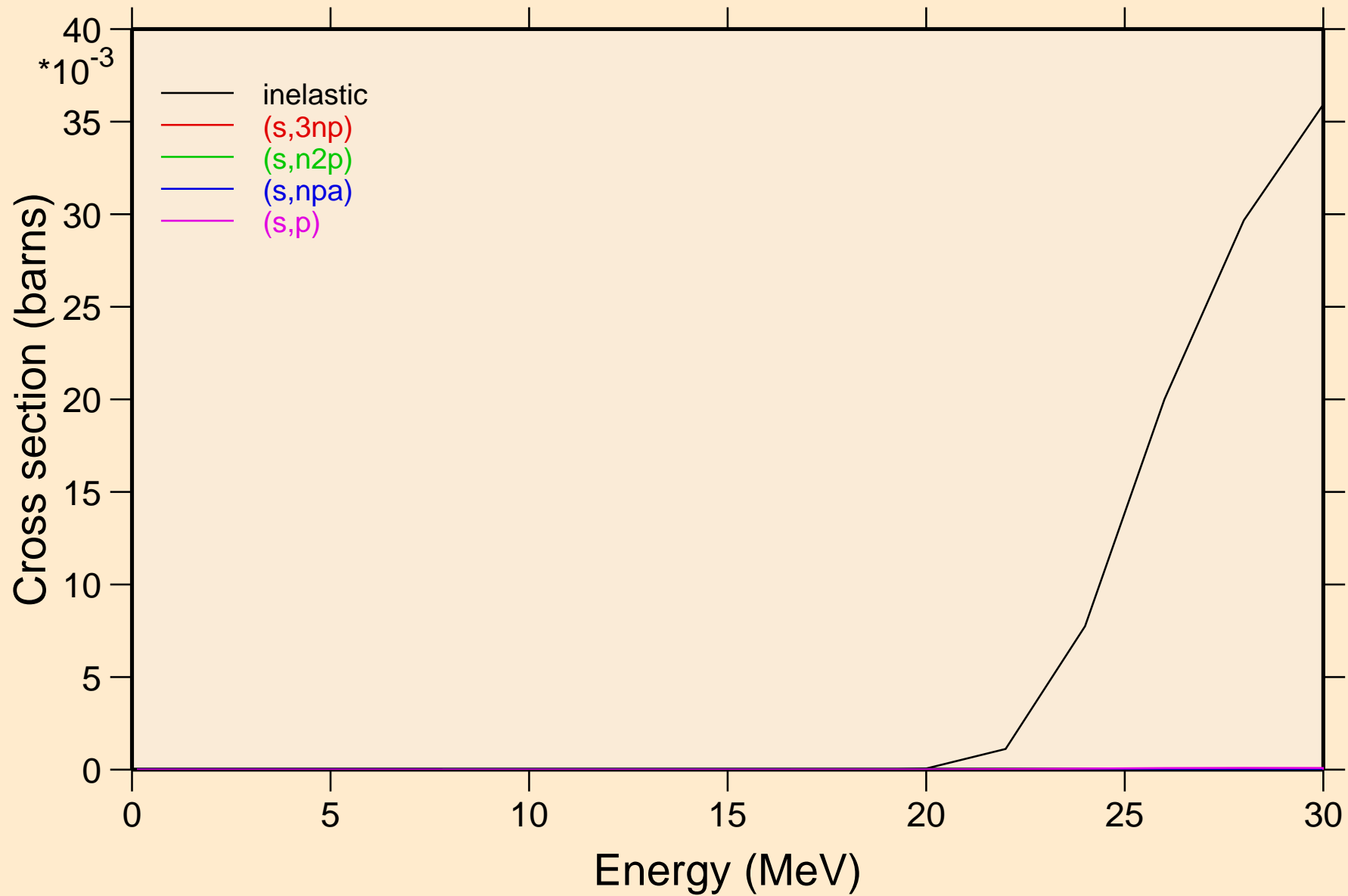
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



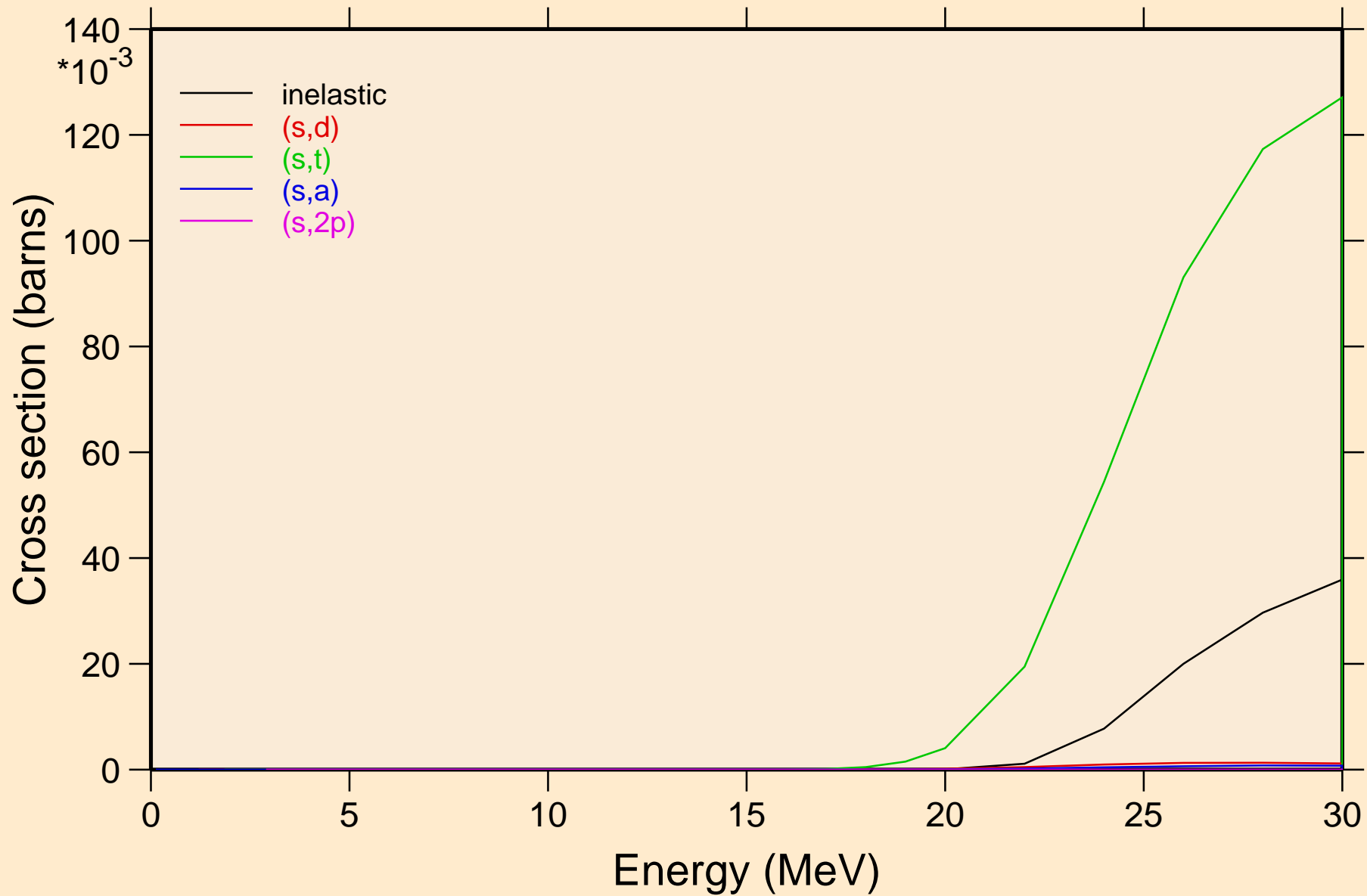
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



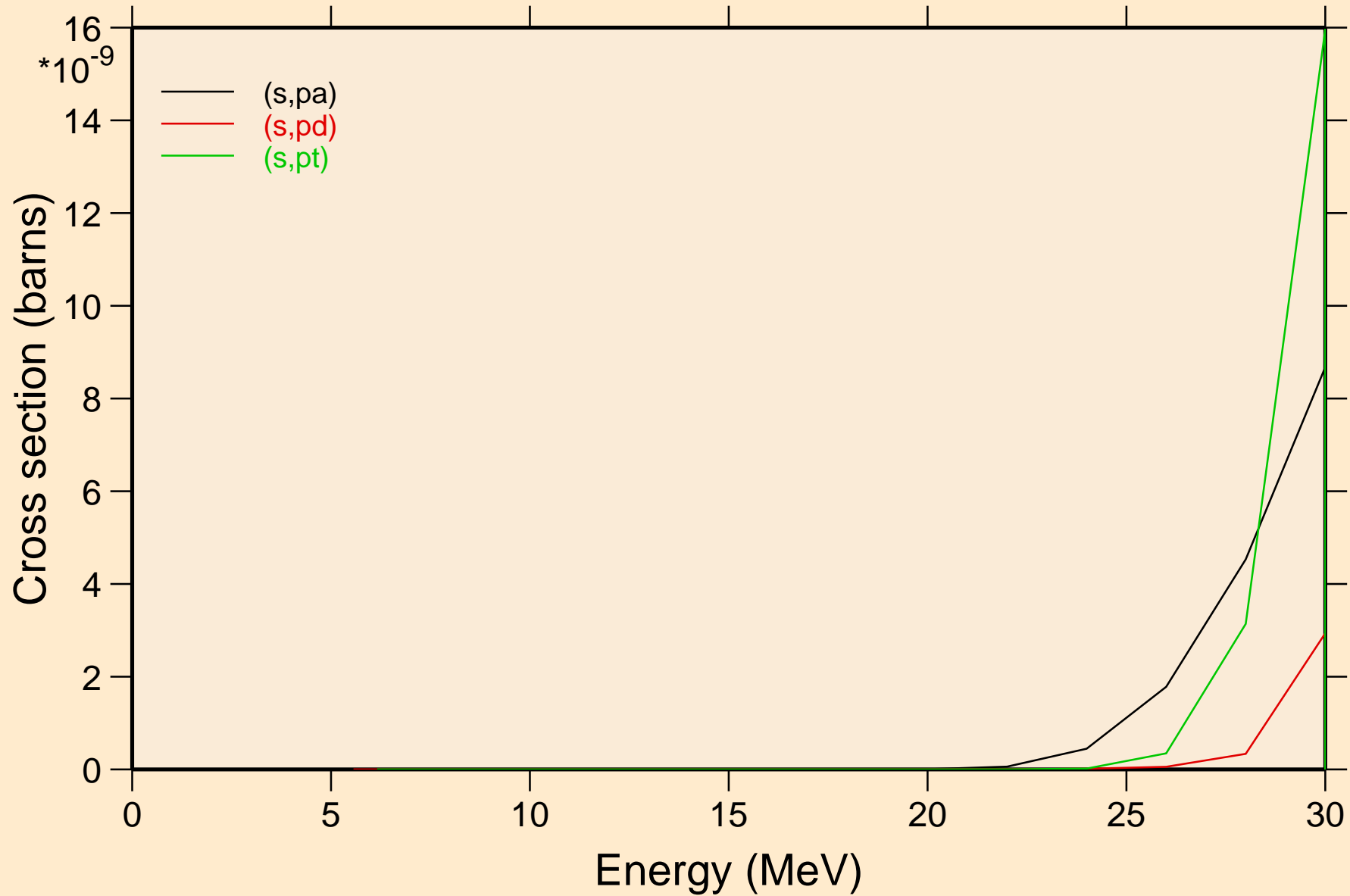
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Threshold reactions



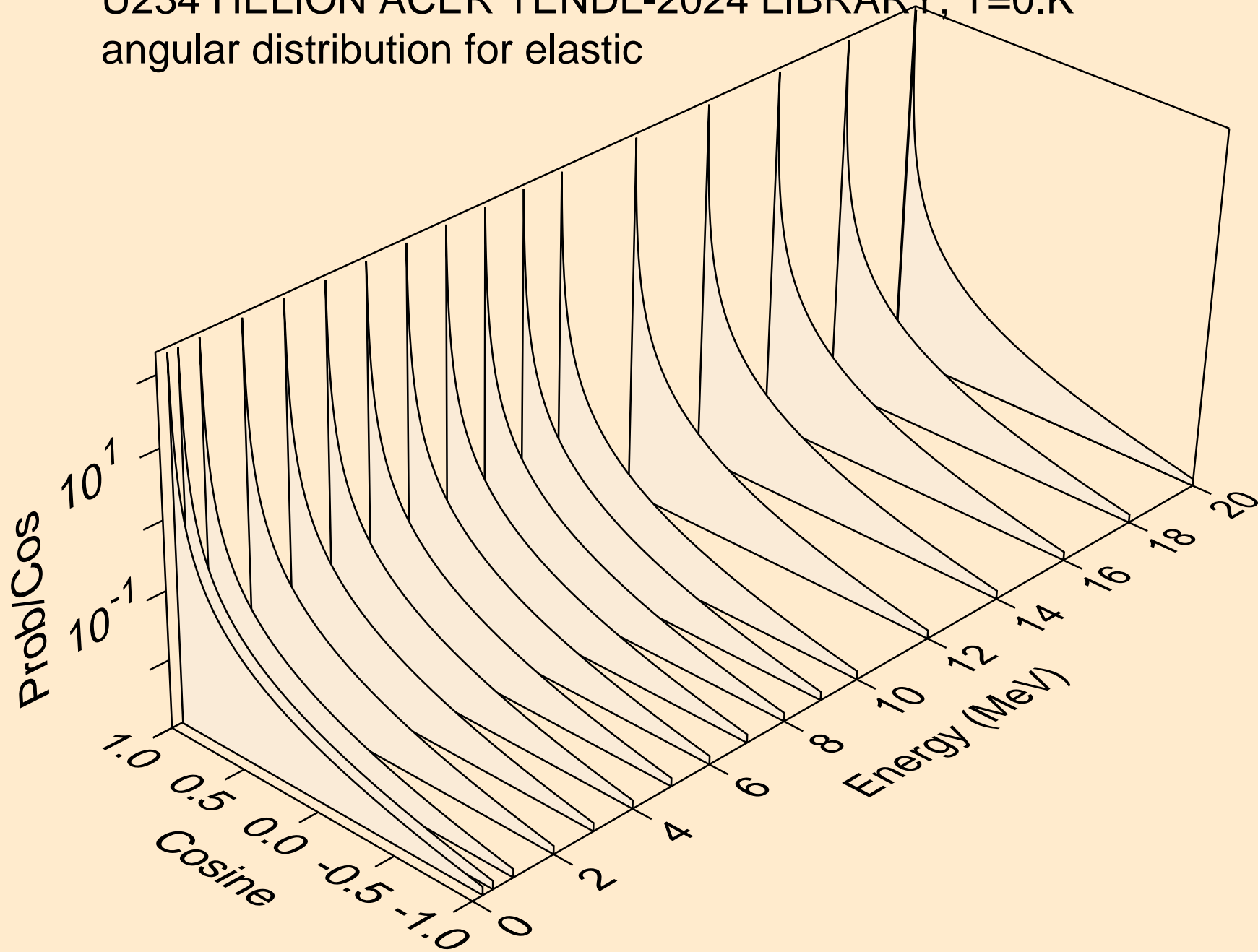
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



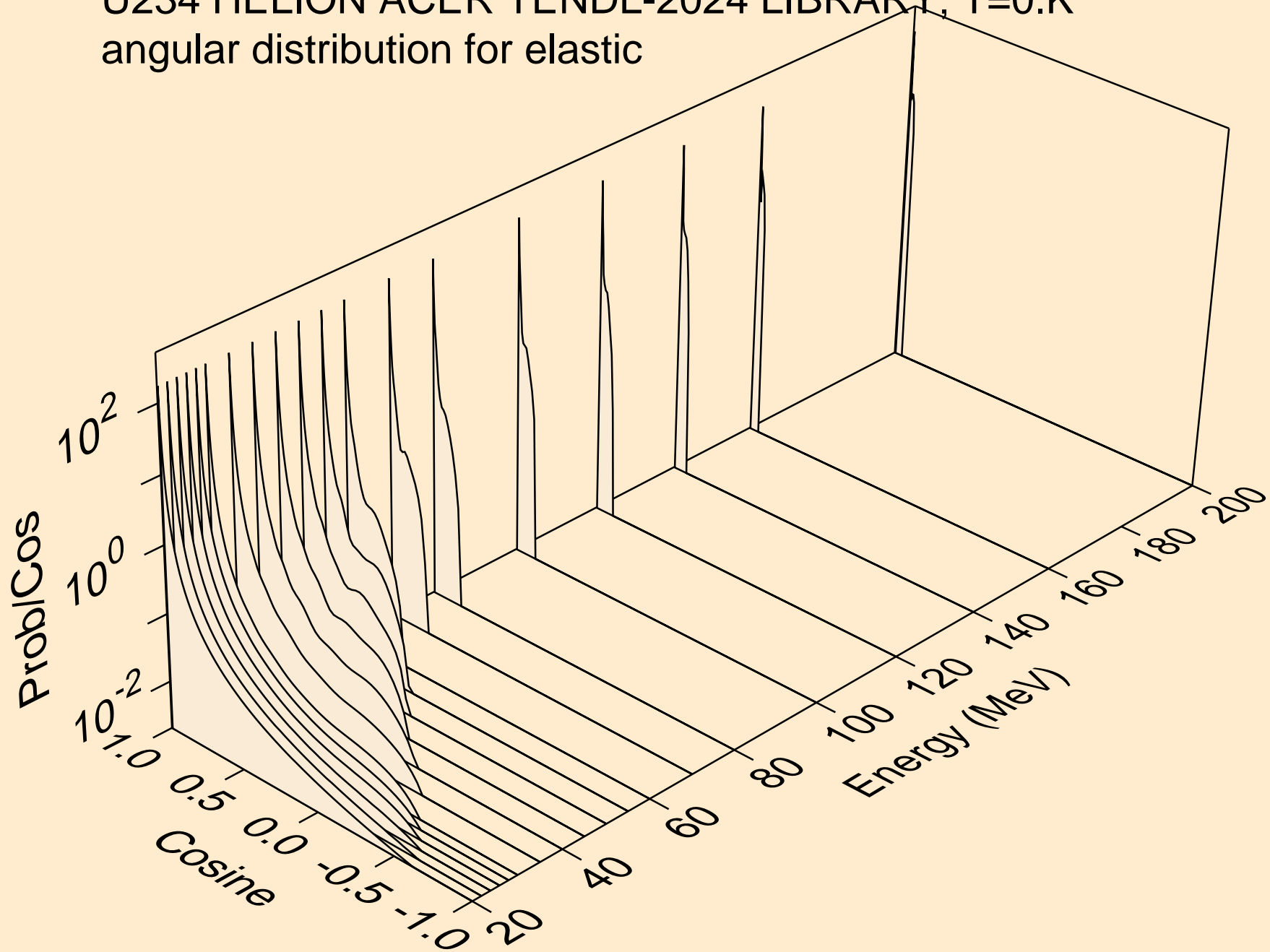
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



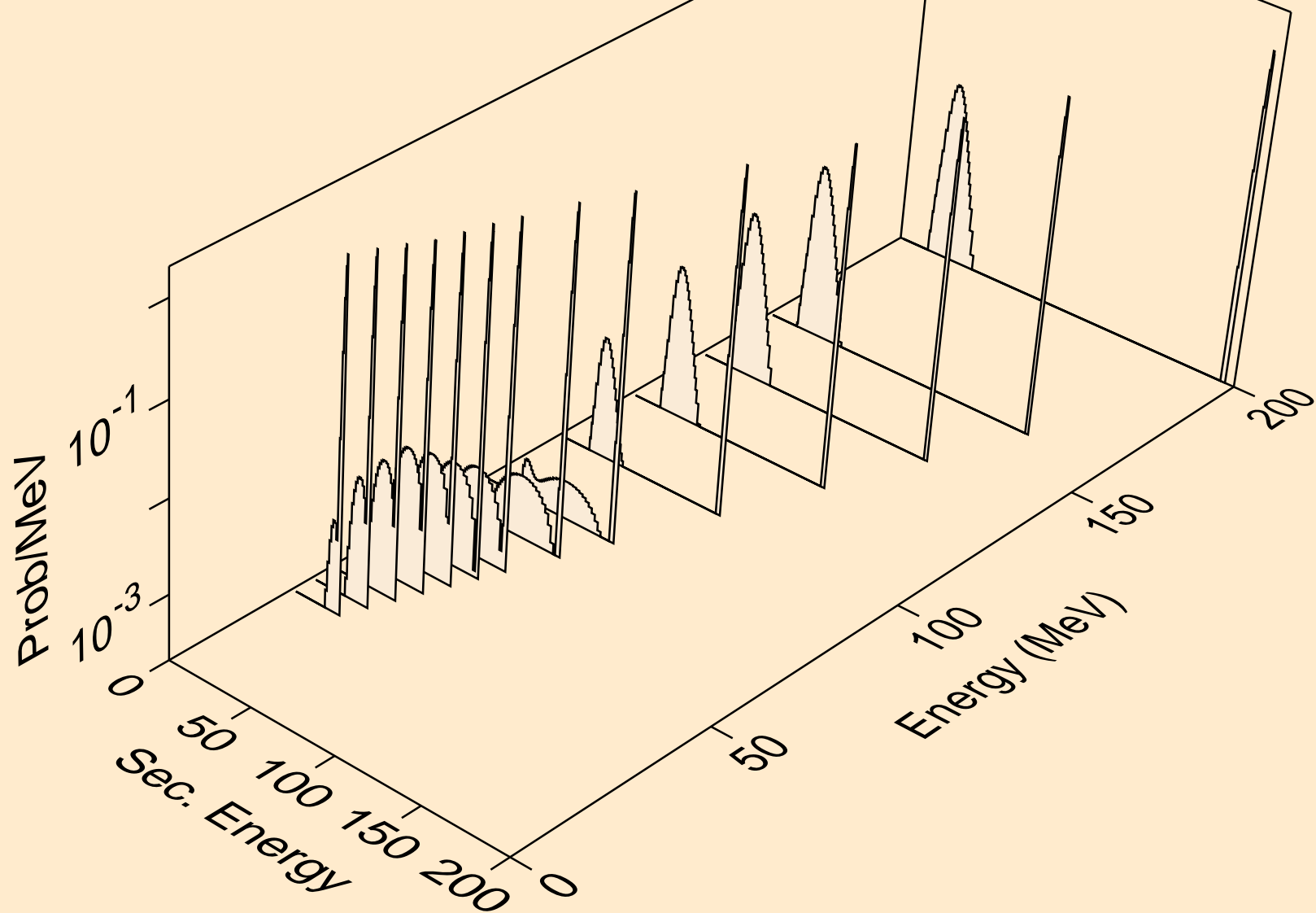
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



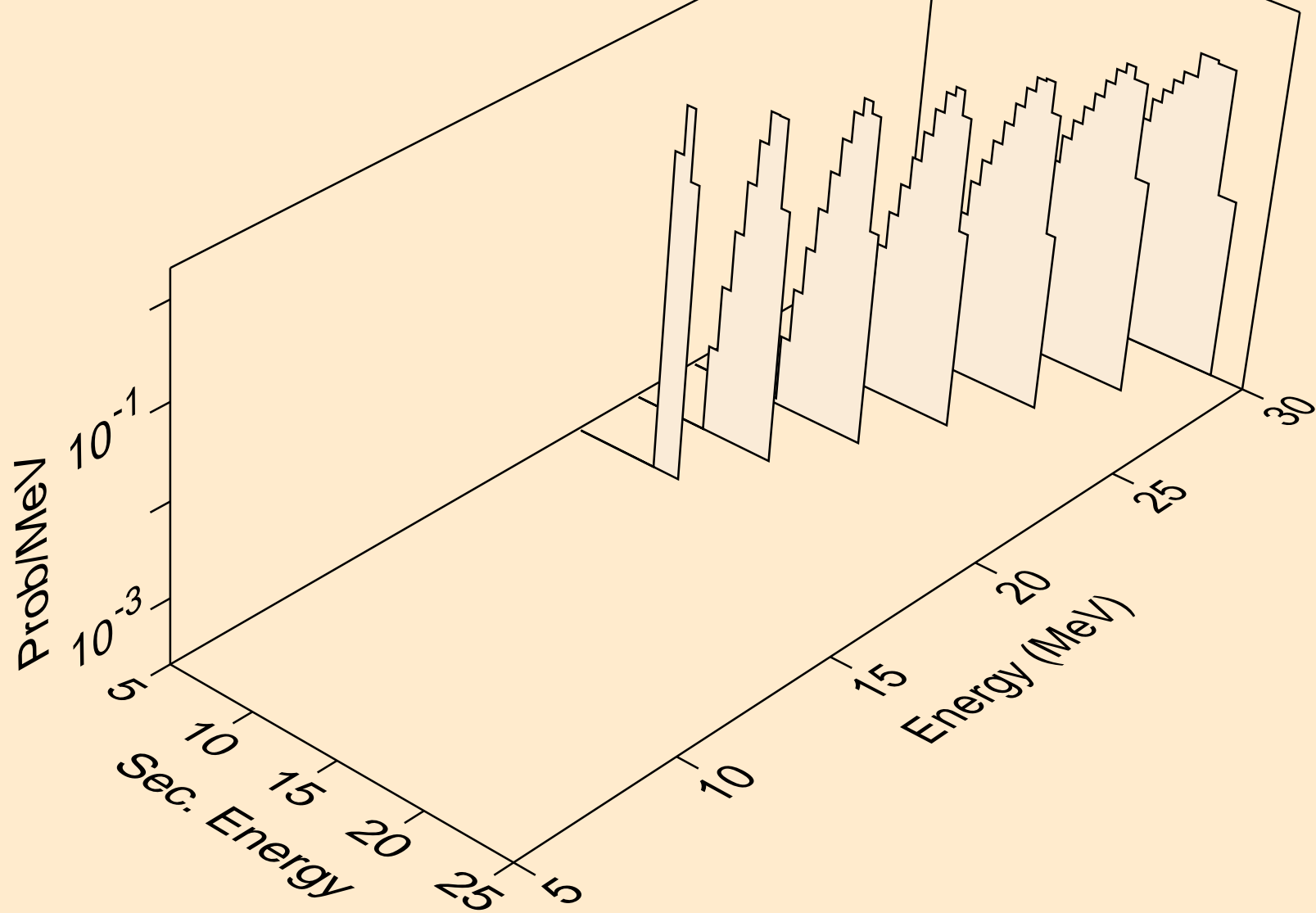
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



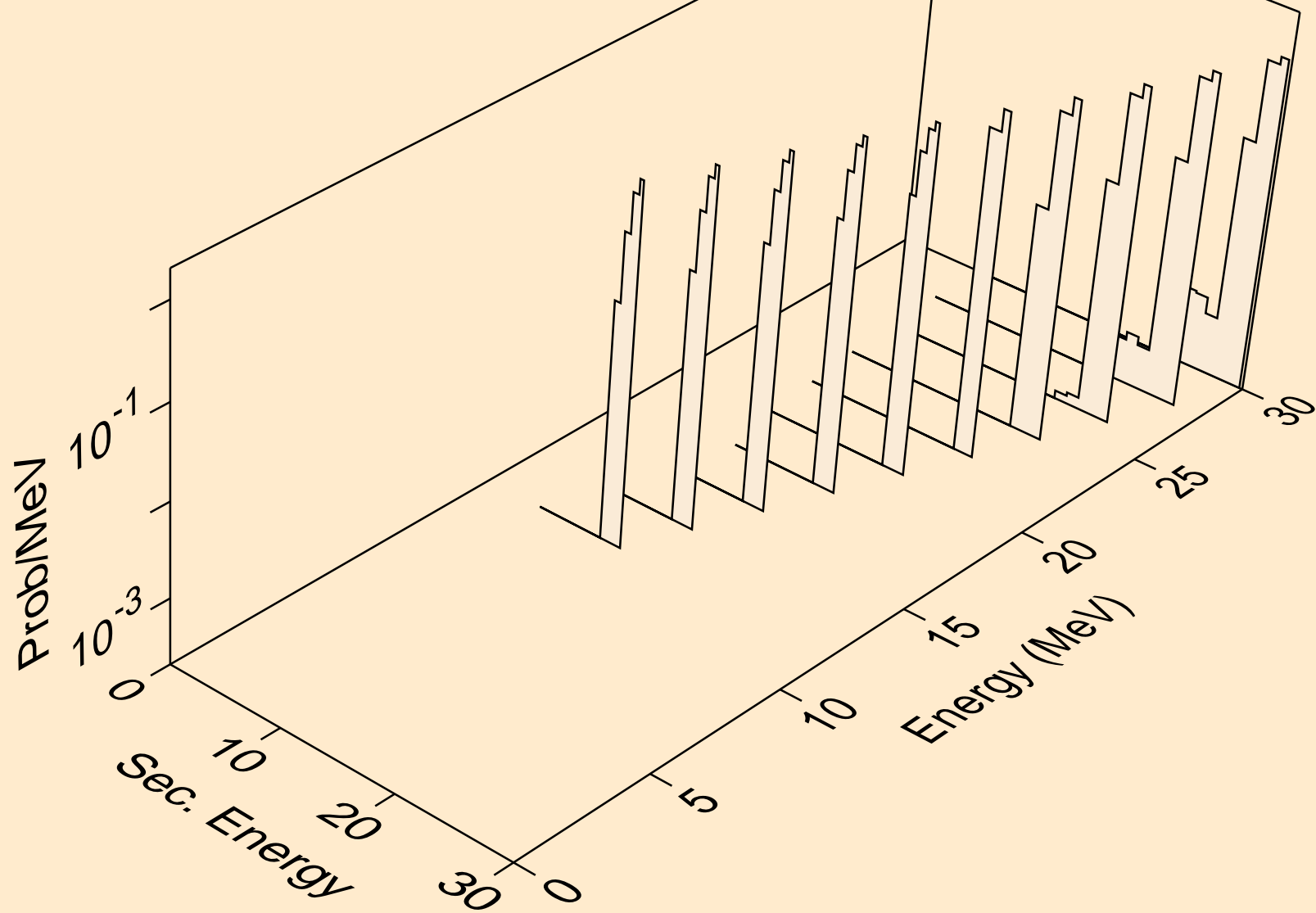
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



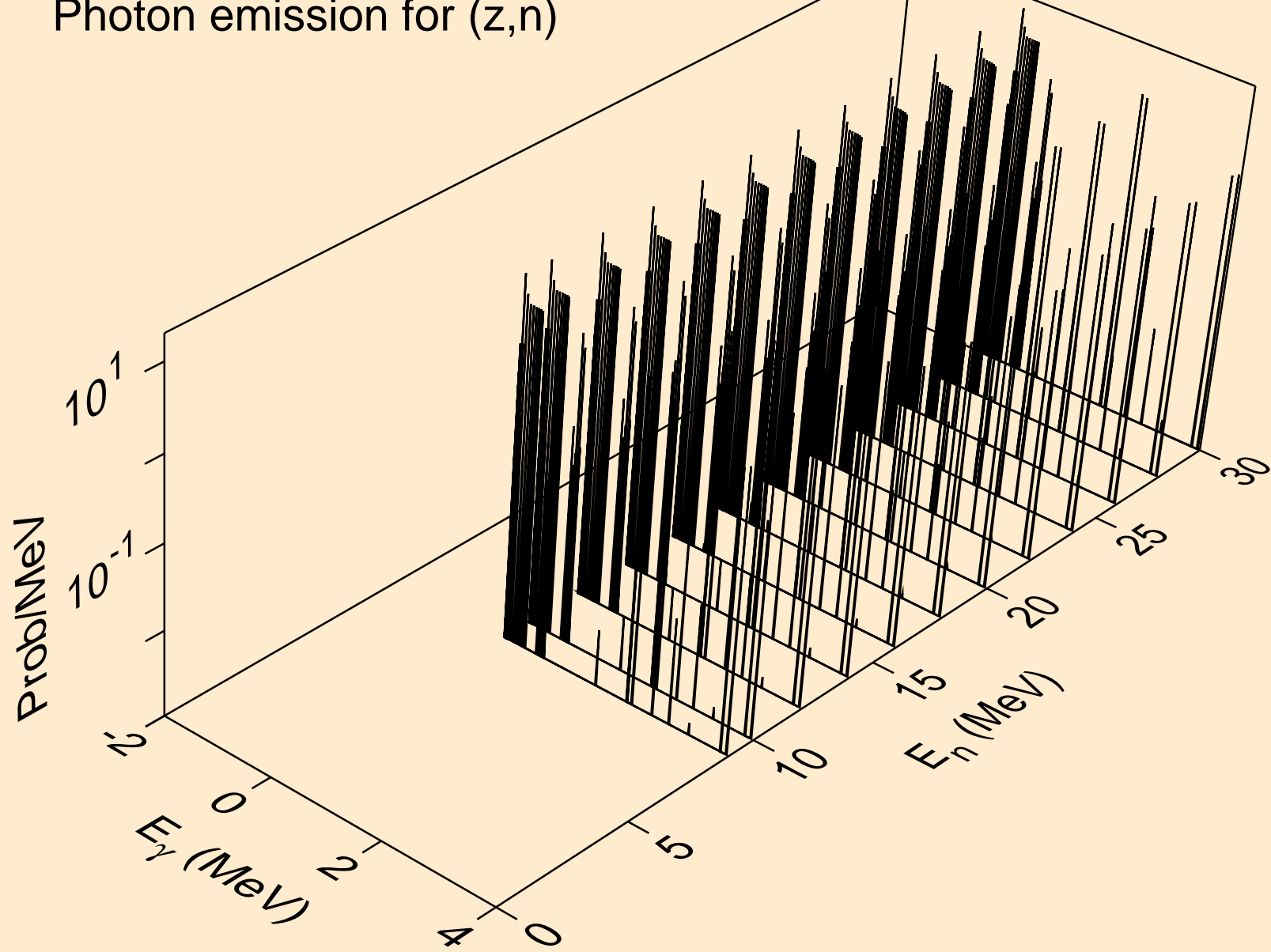
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



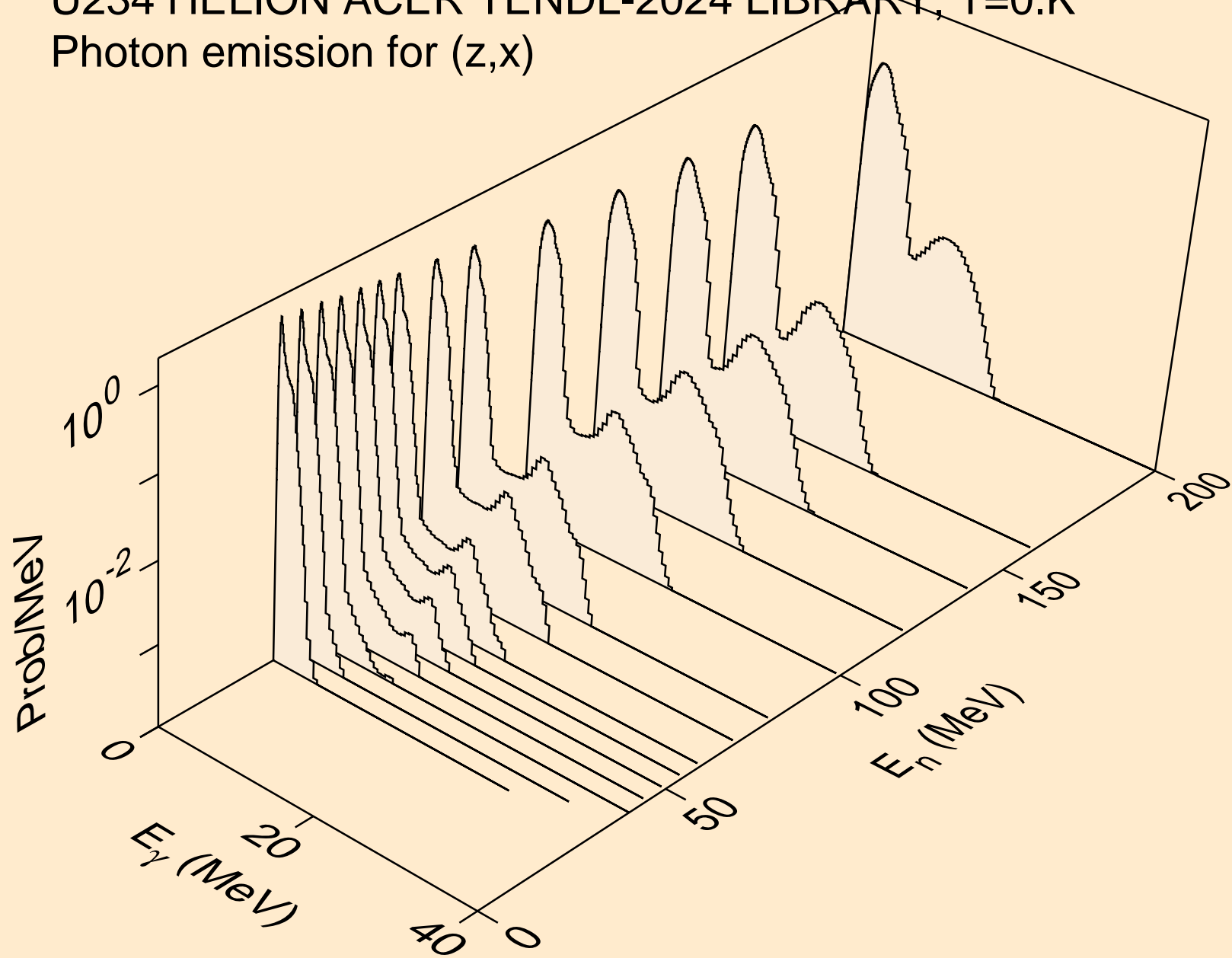
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



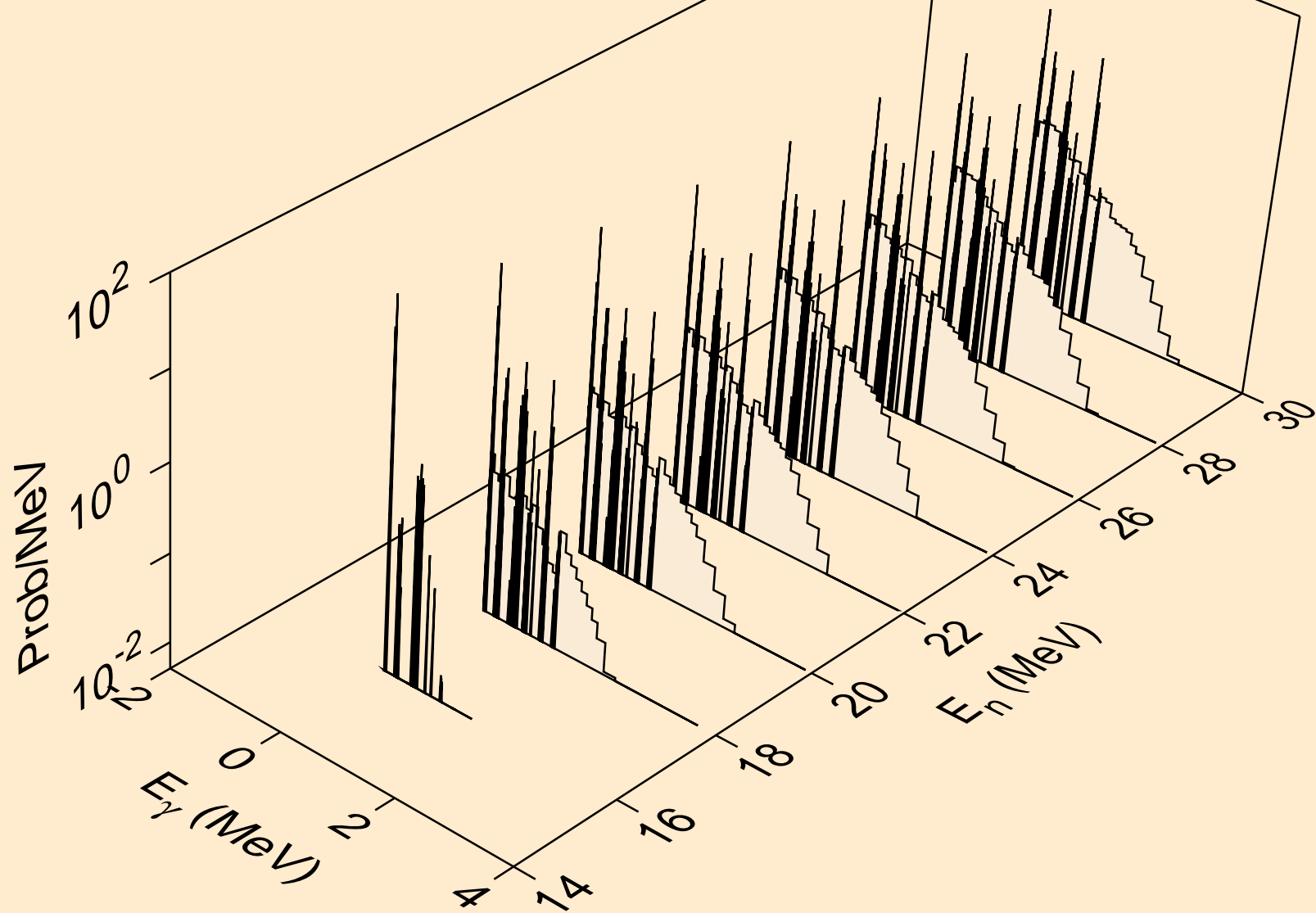
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



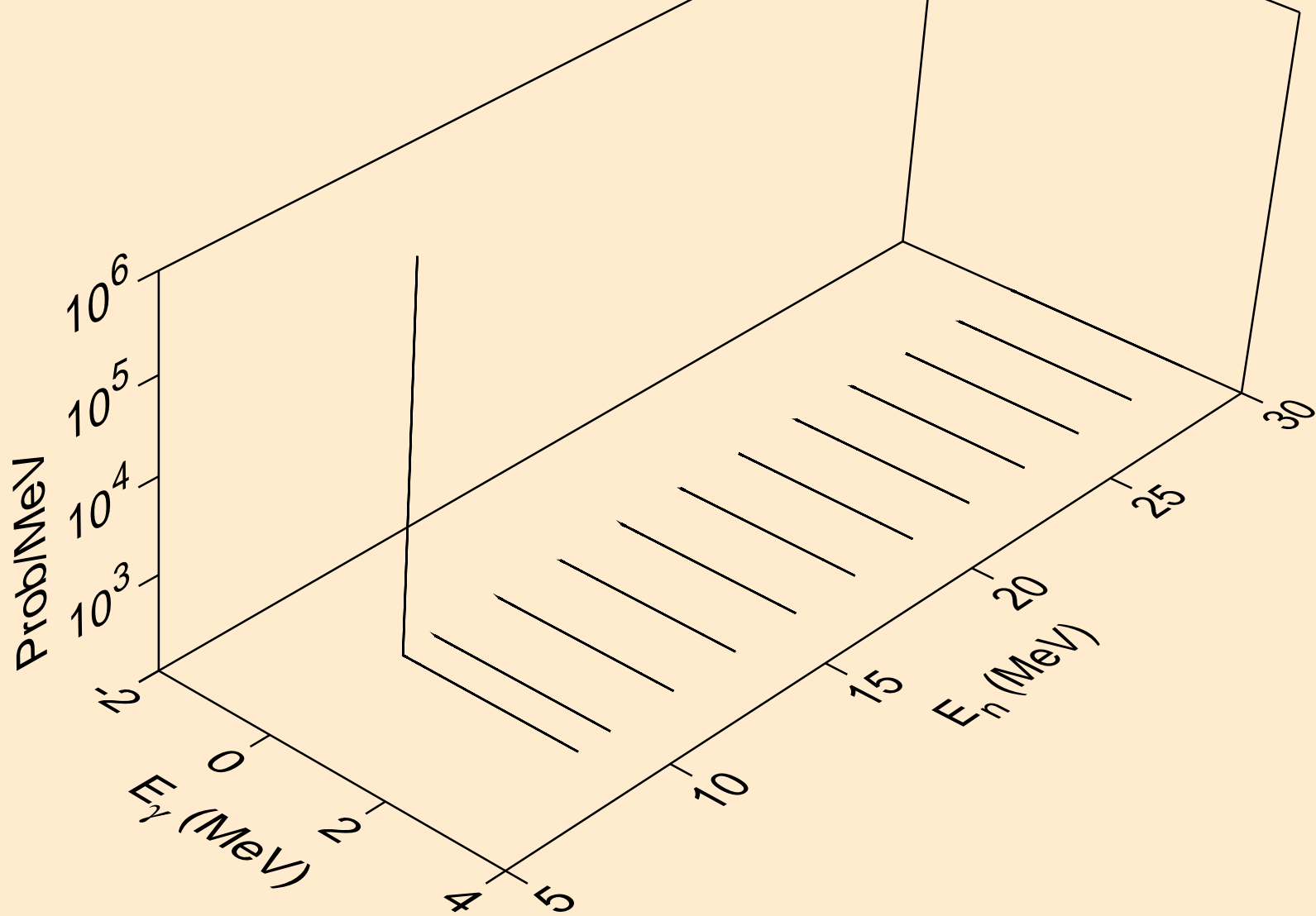
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Photon emission for (z,x)



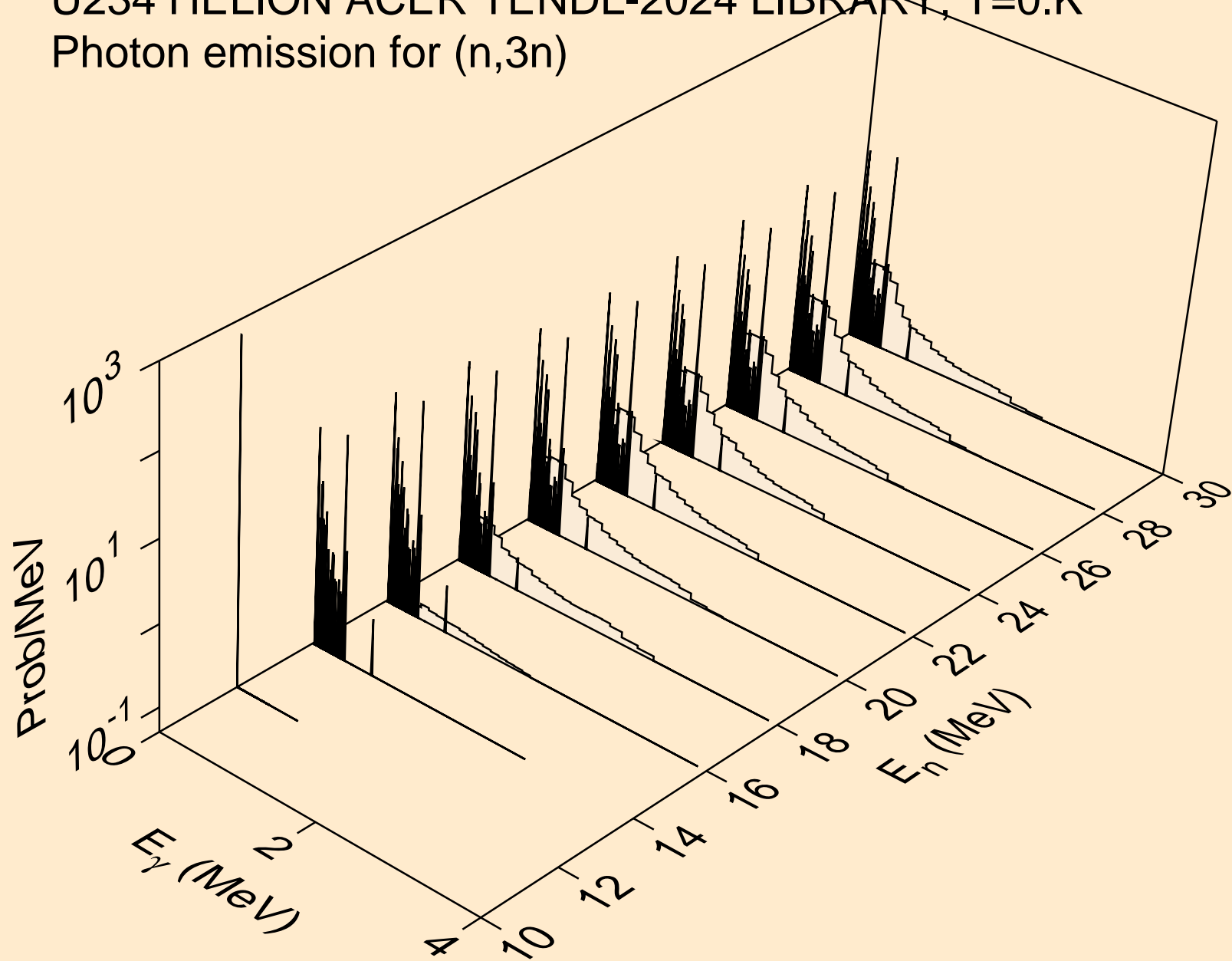
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



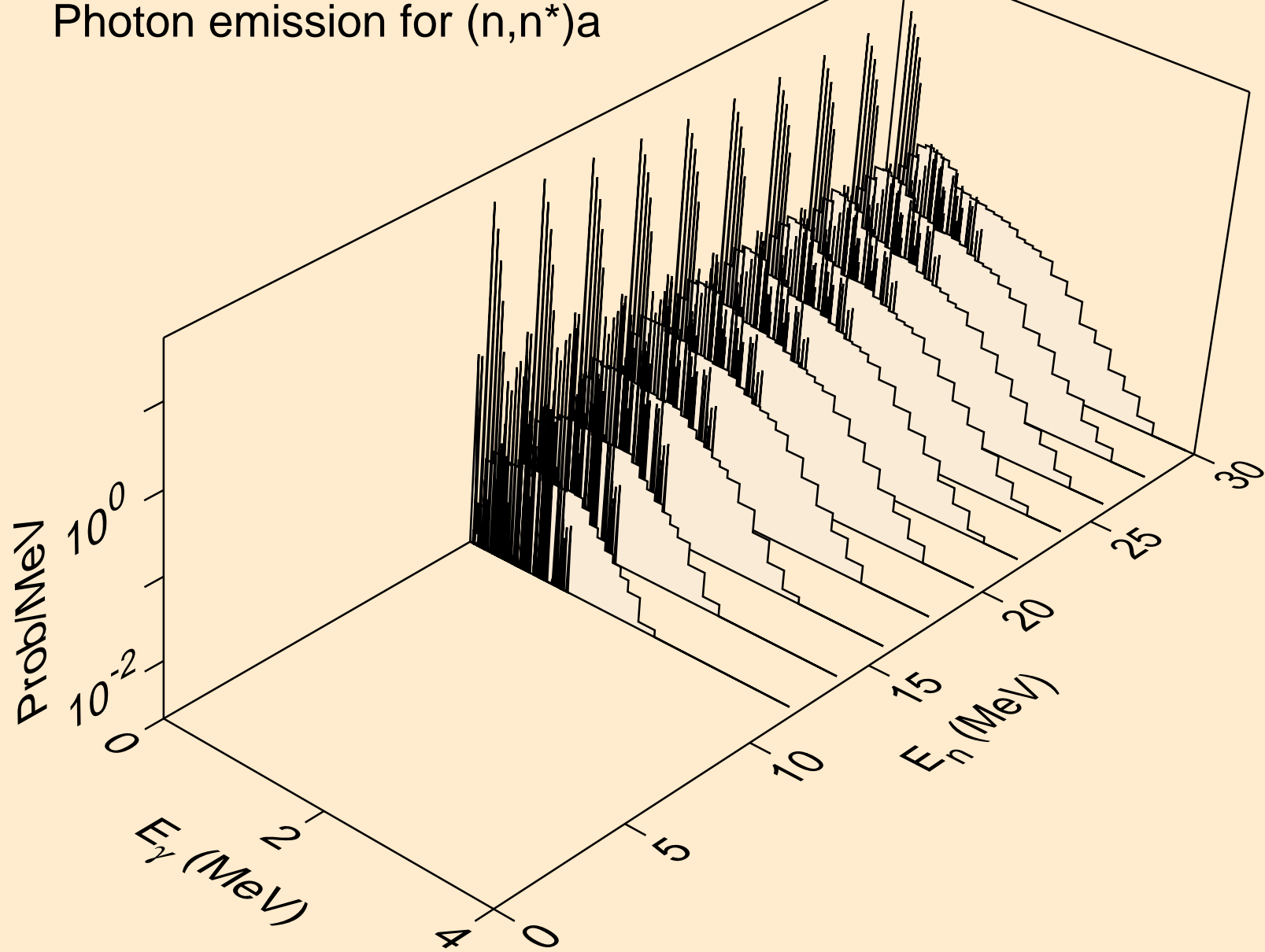
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Photon emission for (n,2n)



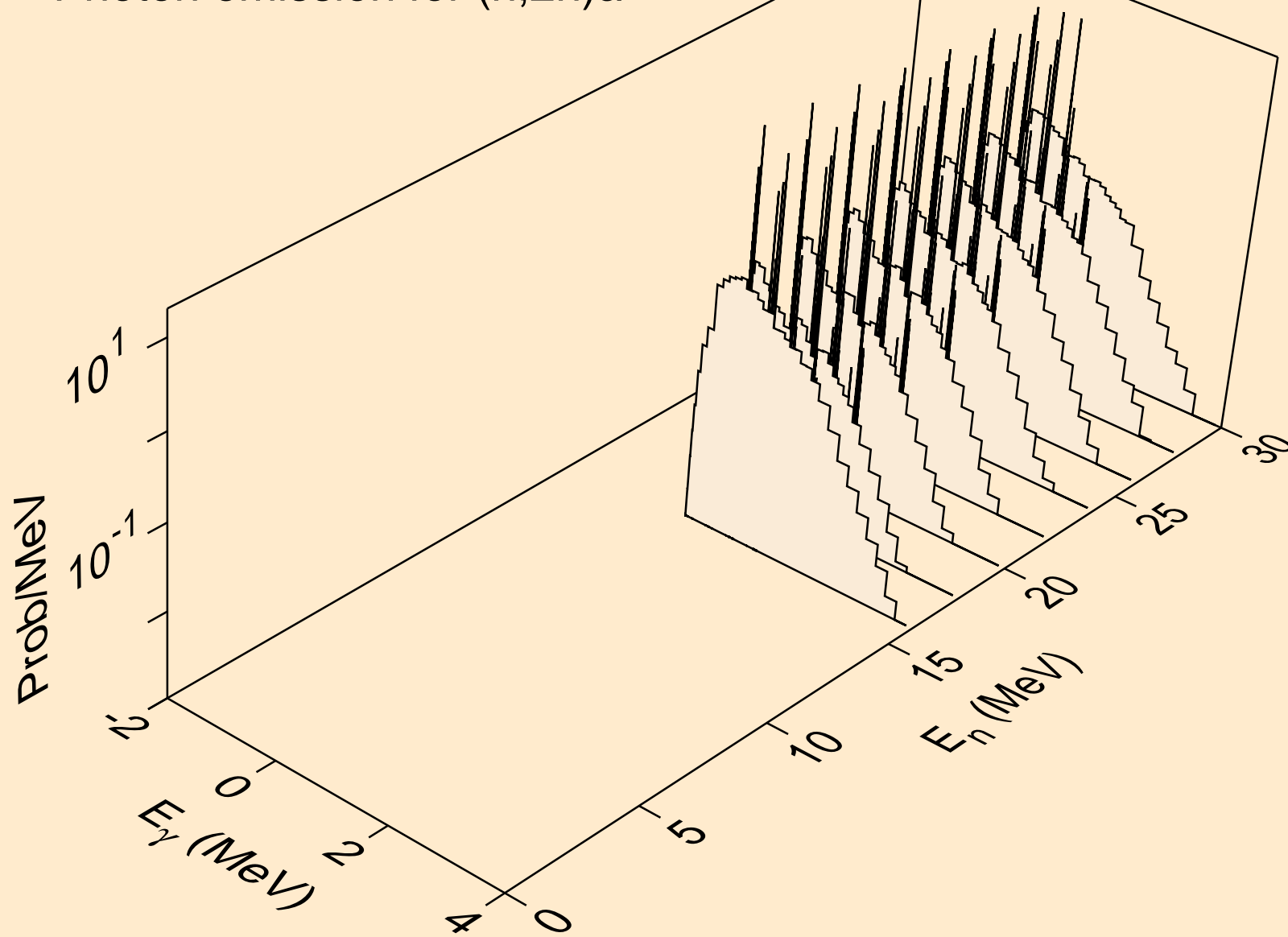
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



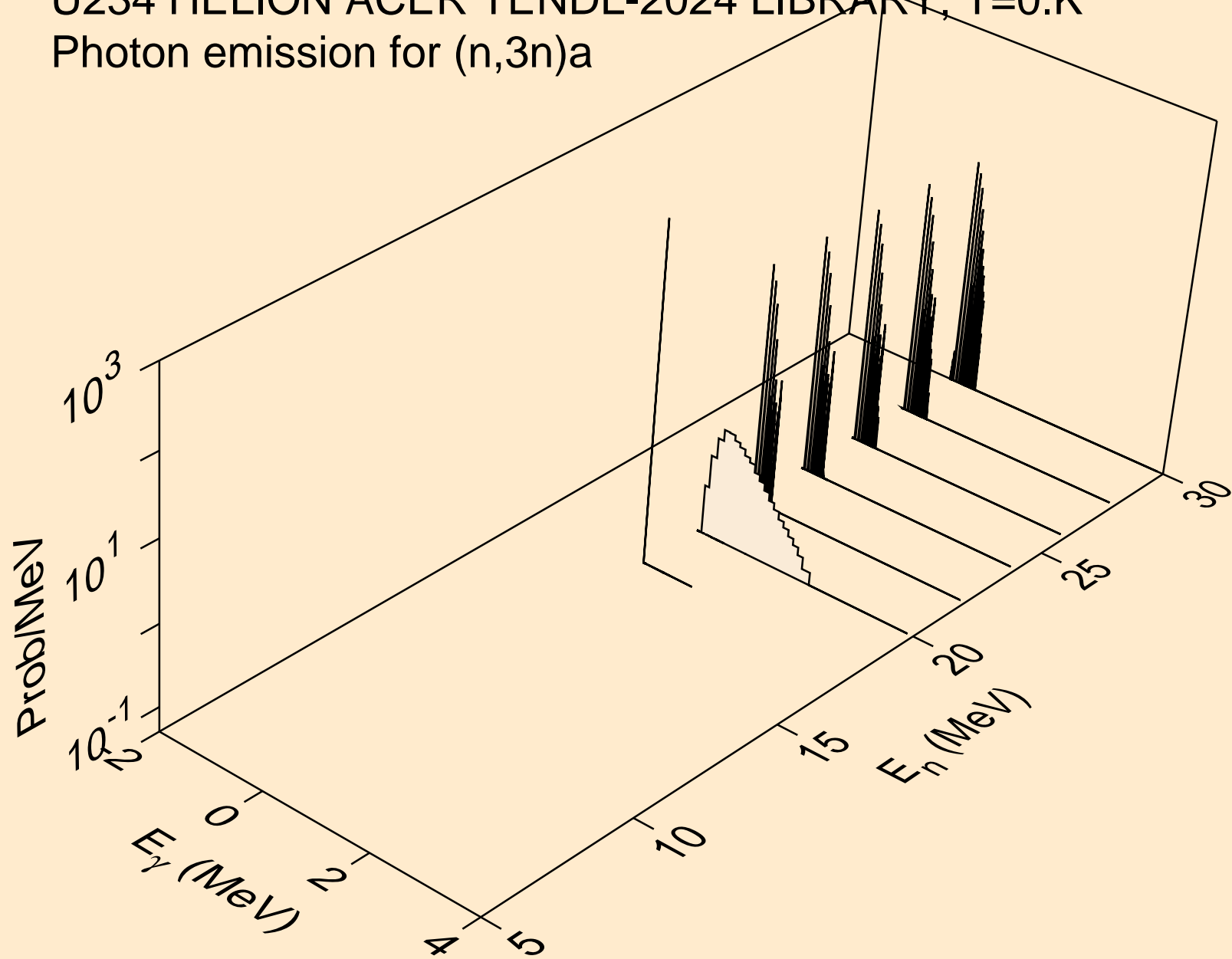
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



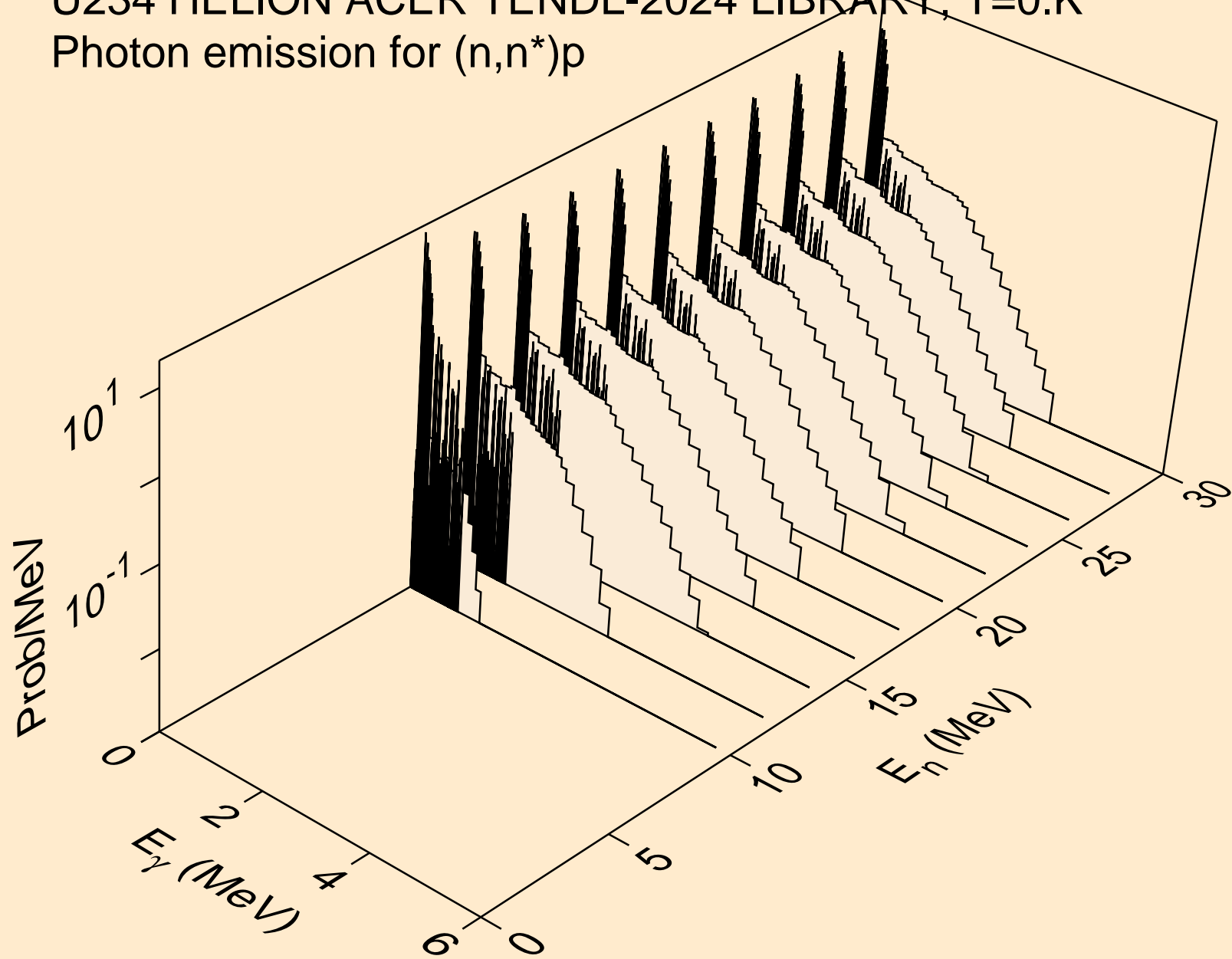
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Photon emission for (n,2n)a



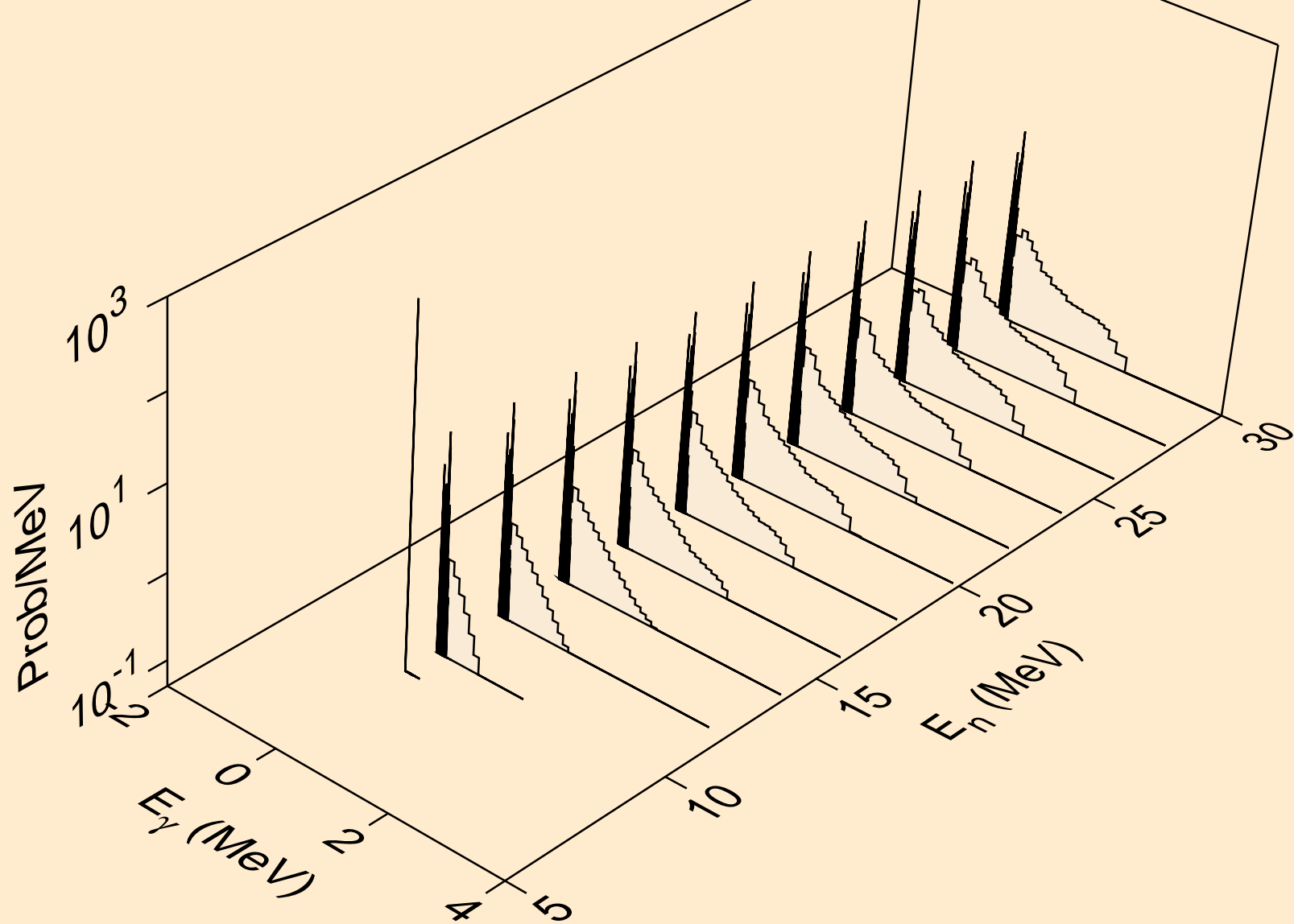
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Photon emission for (n,3n)a



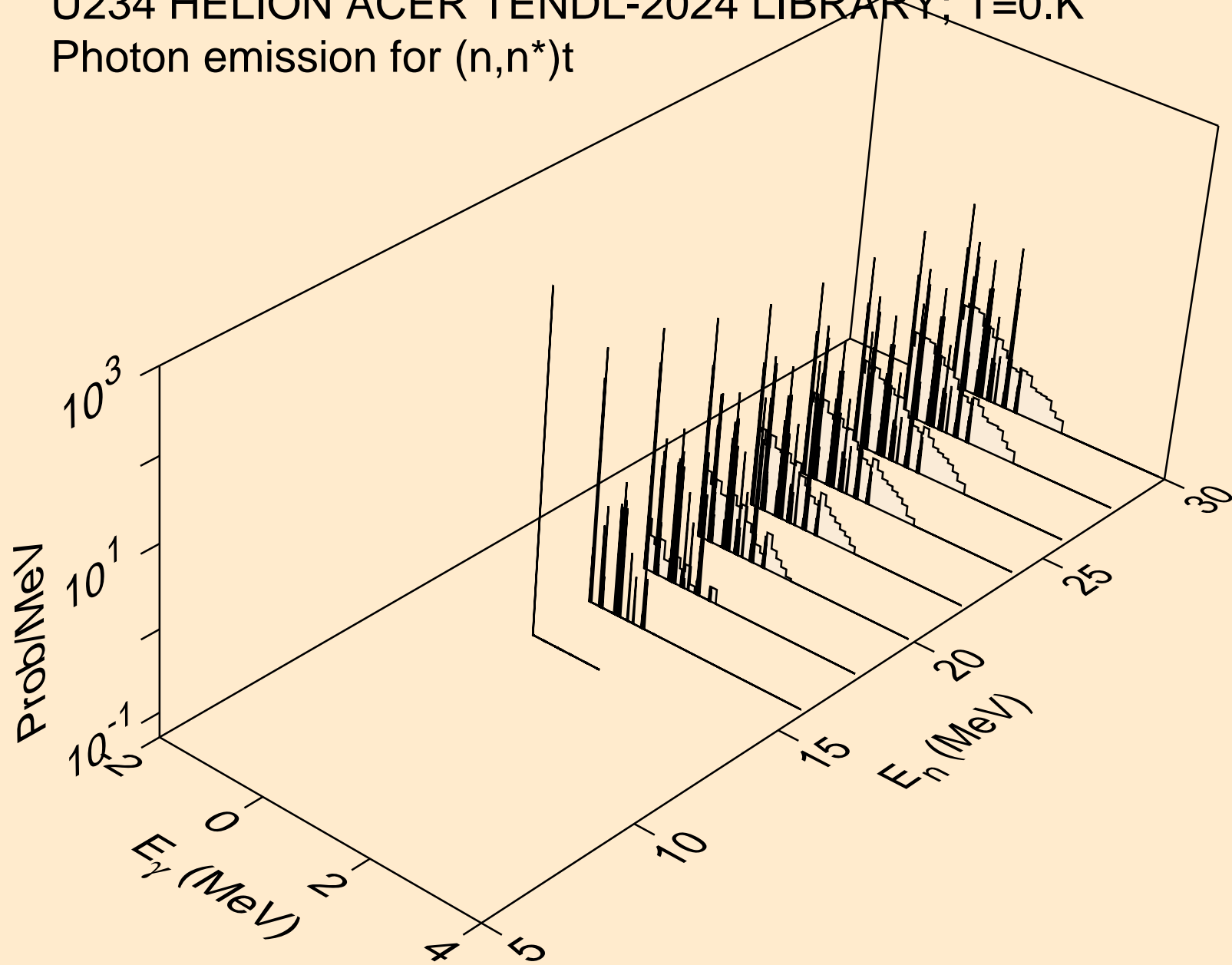
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



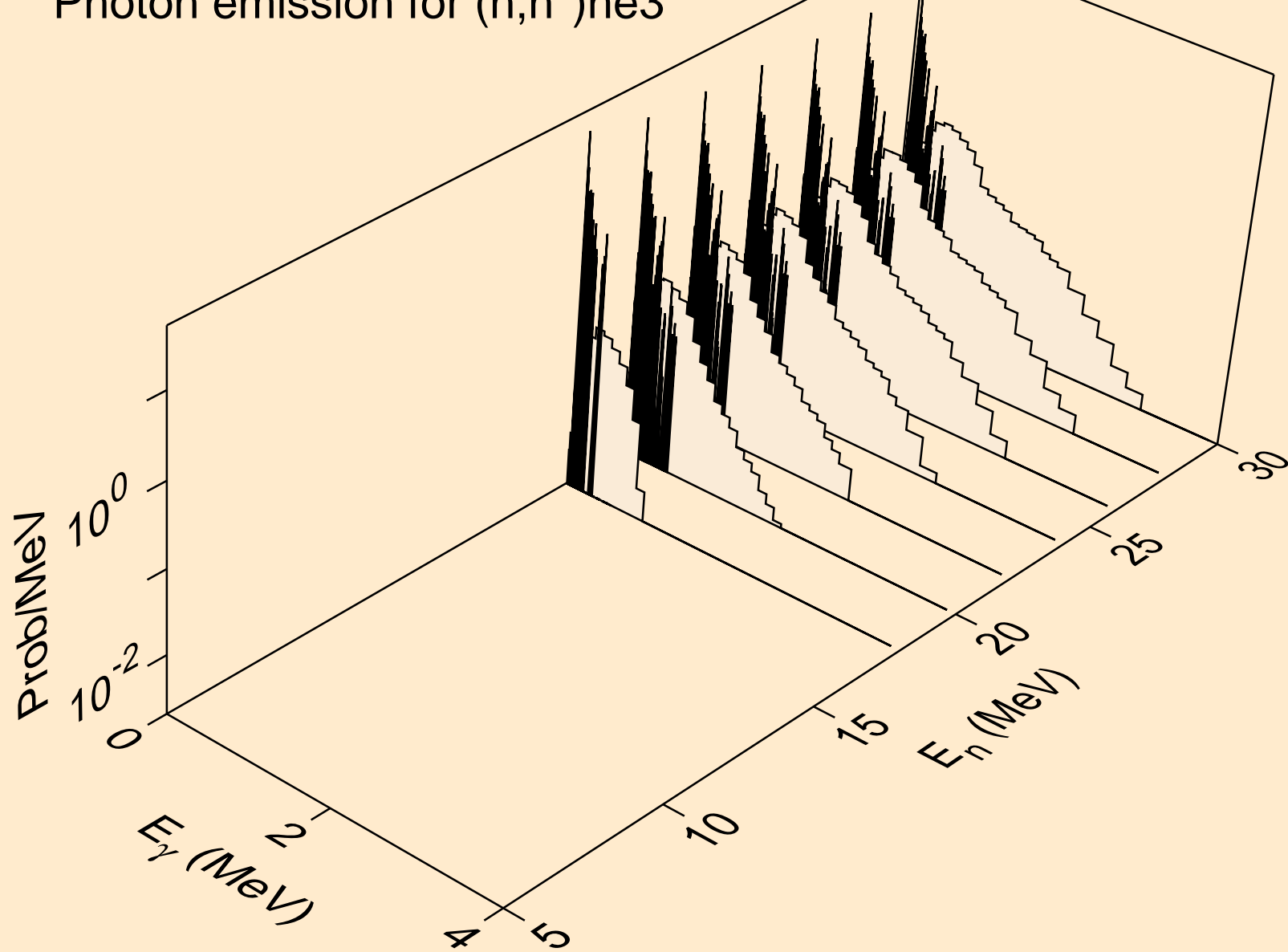
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



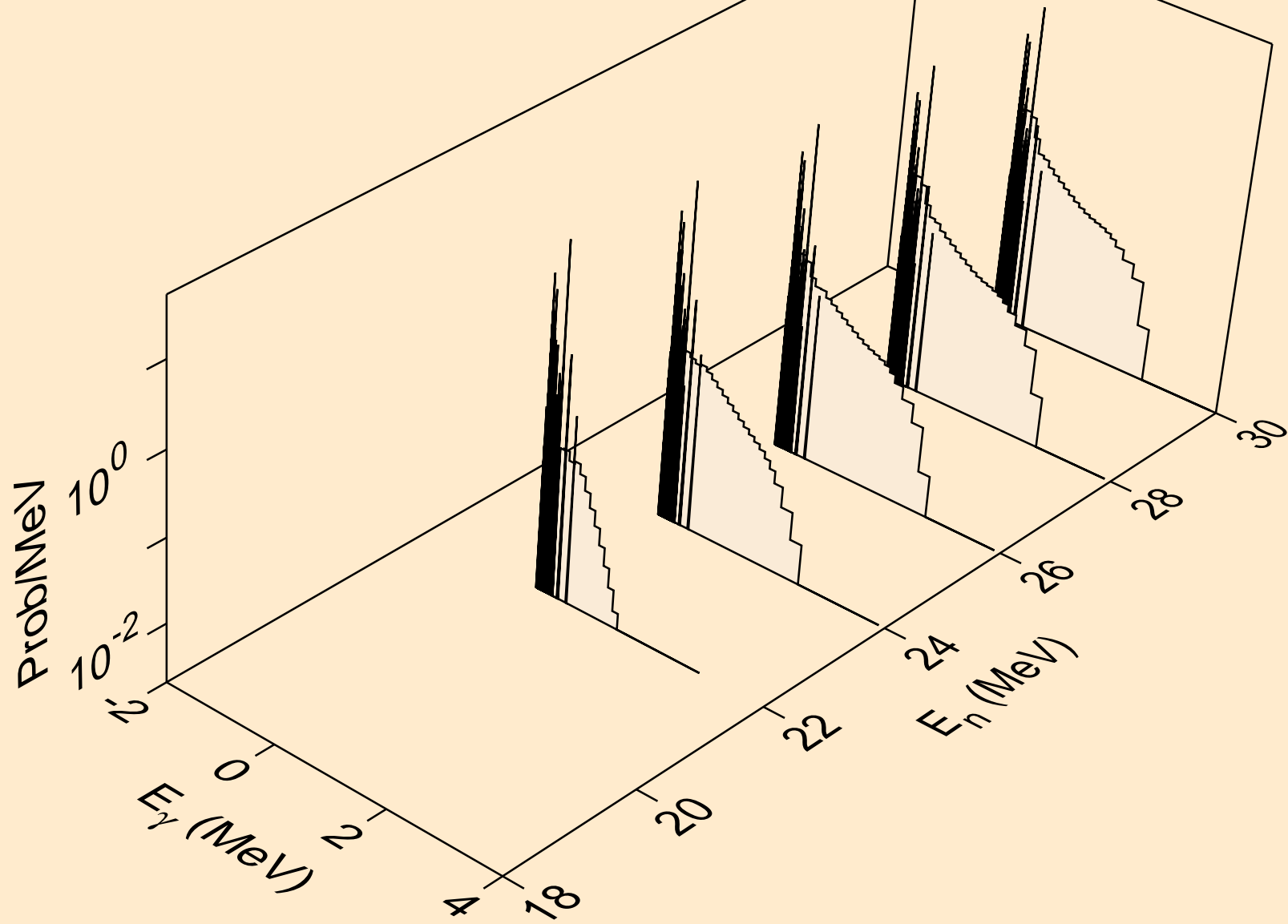
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



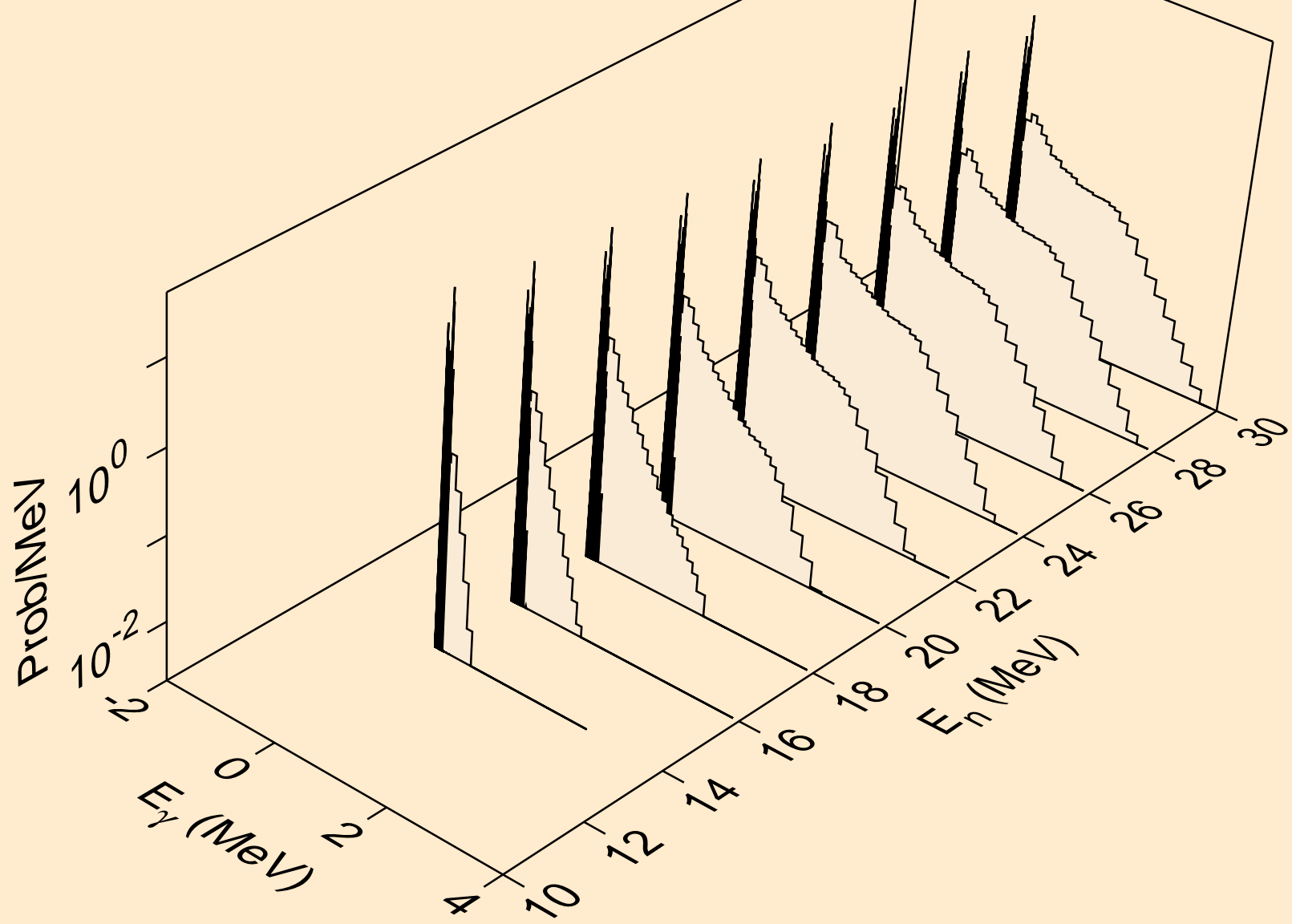
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



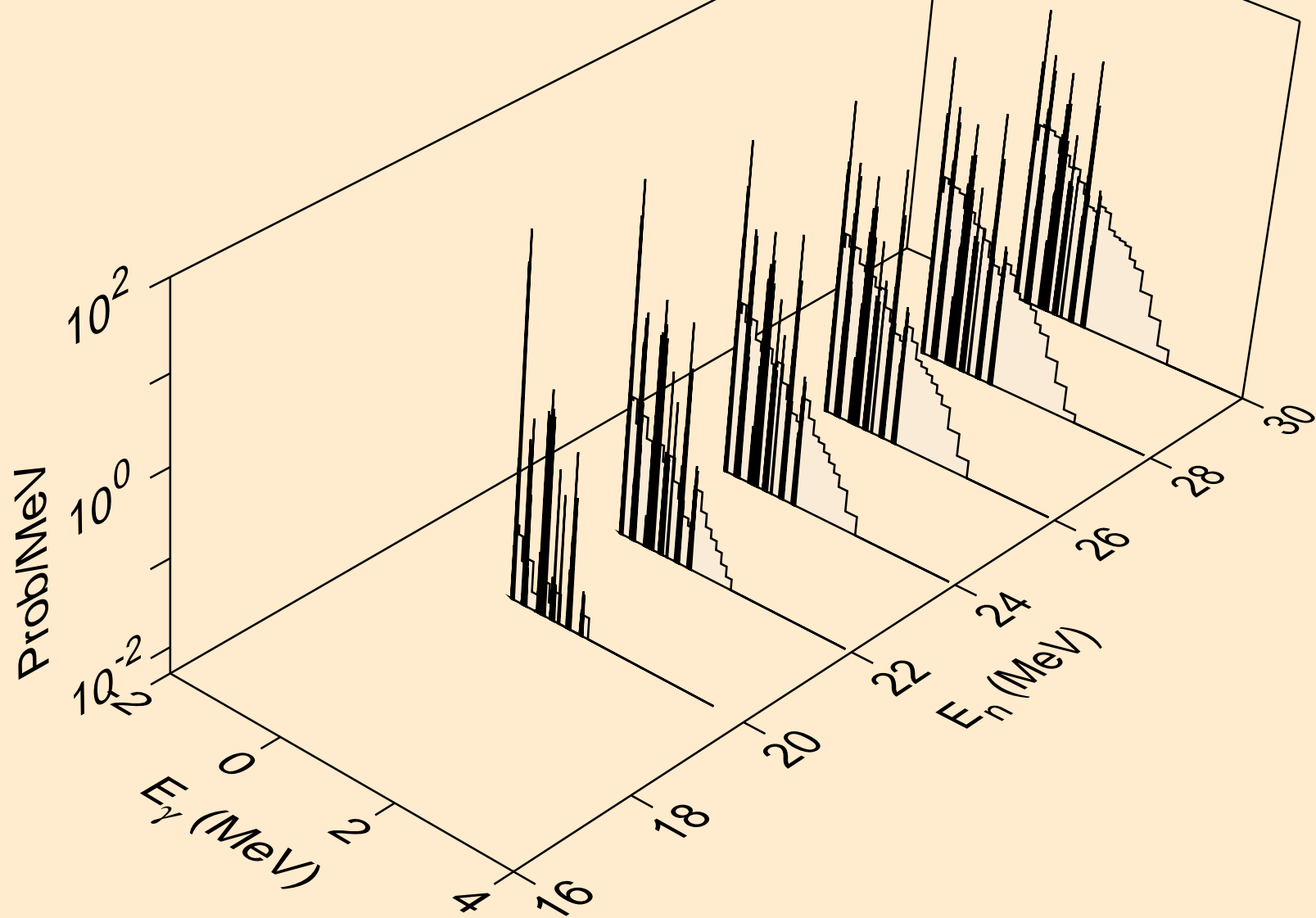
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



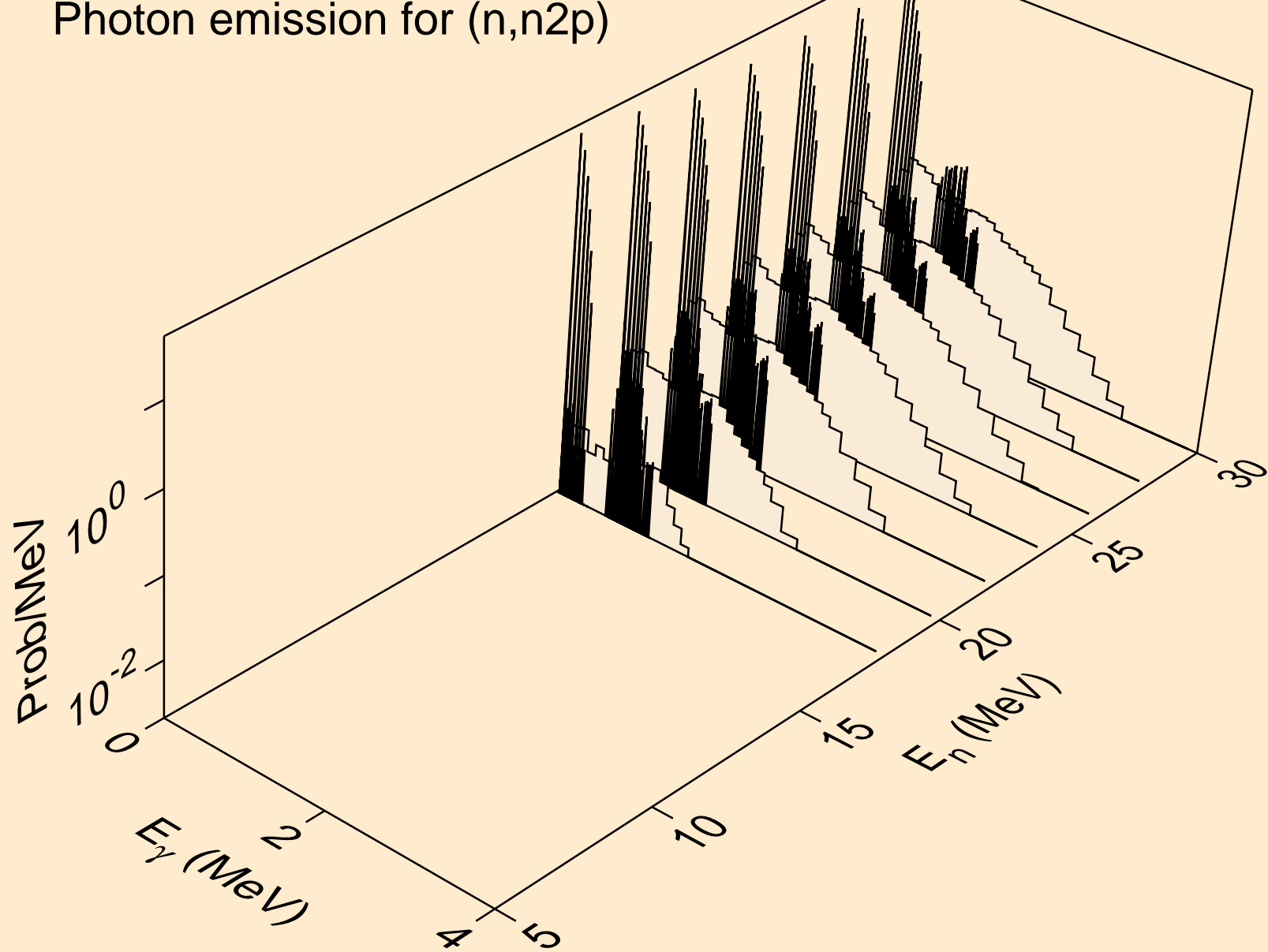
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Photon emission for (n,2np)



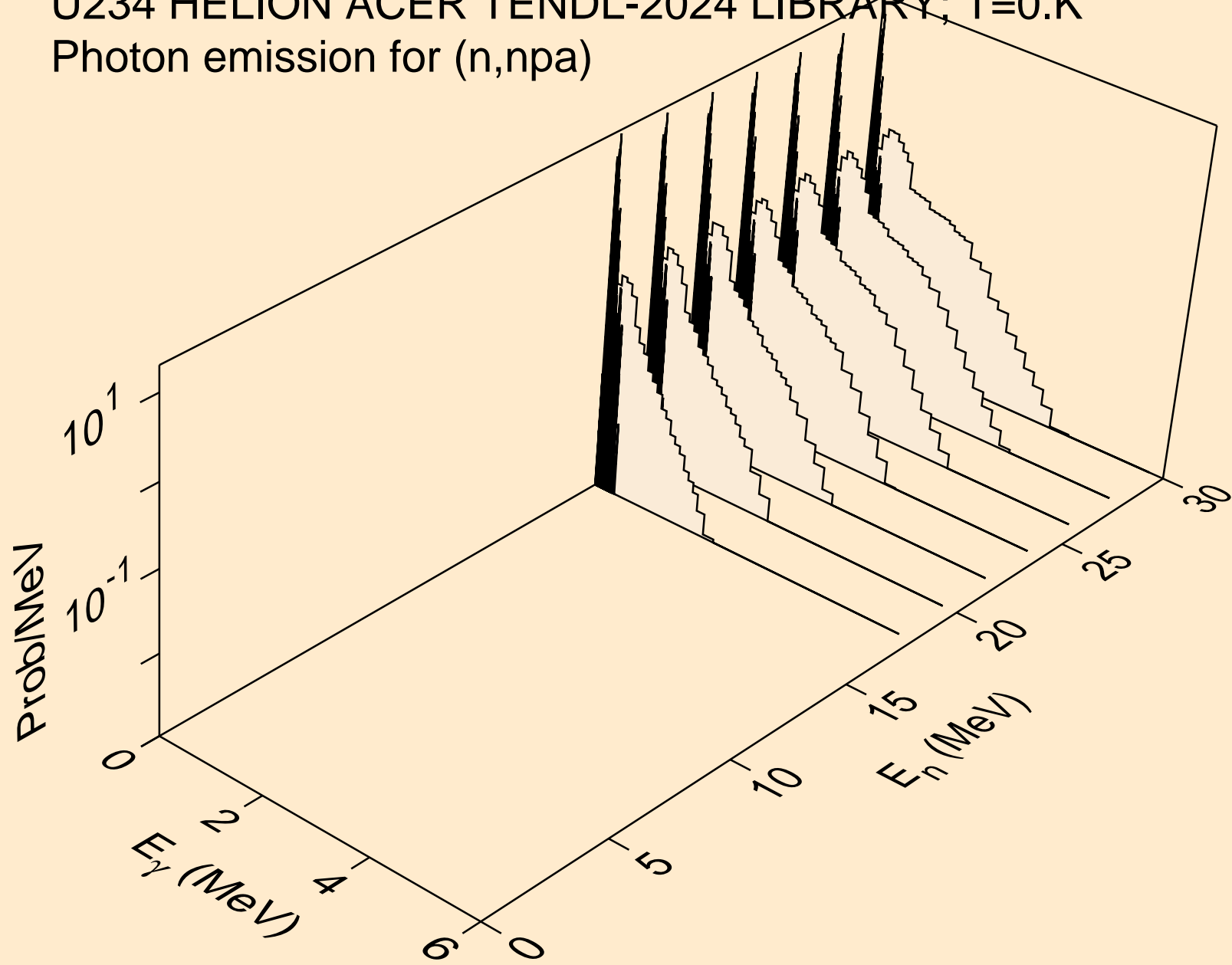
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Photon emission for (n,3np)



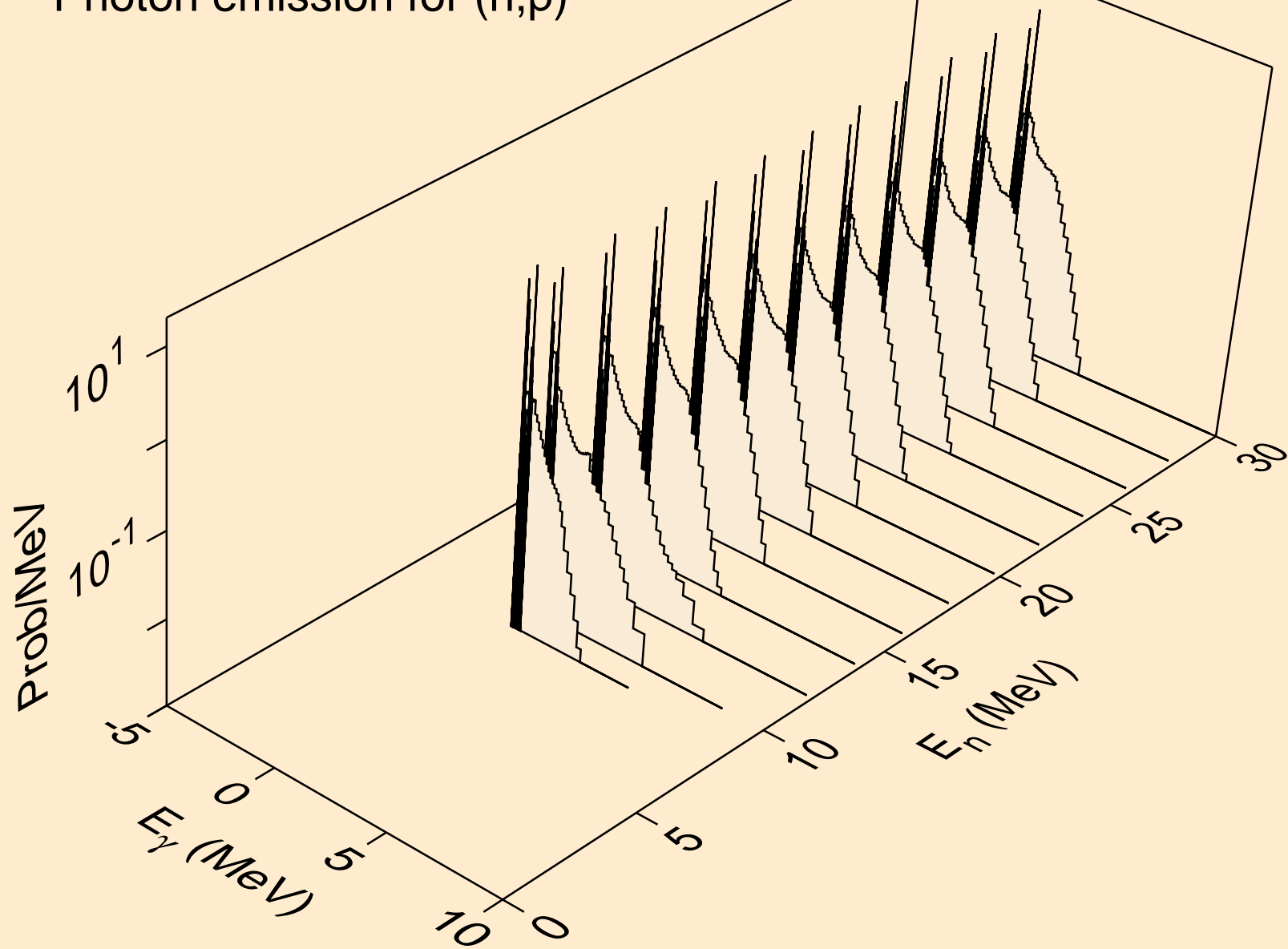
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Photon emission for (n,n2p)



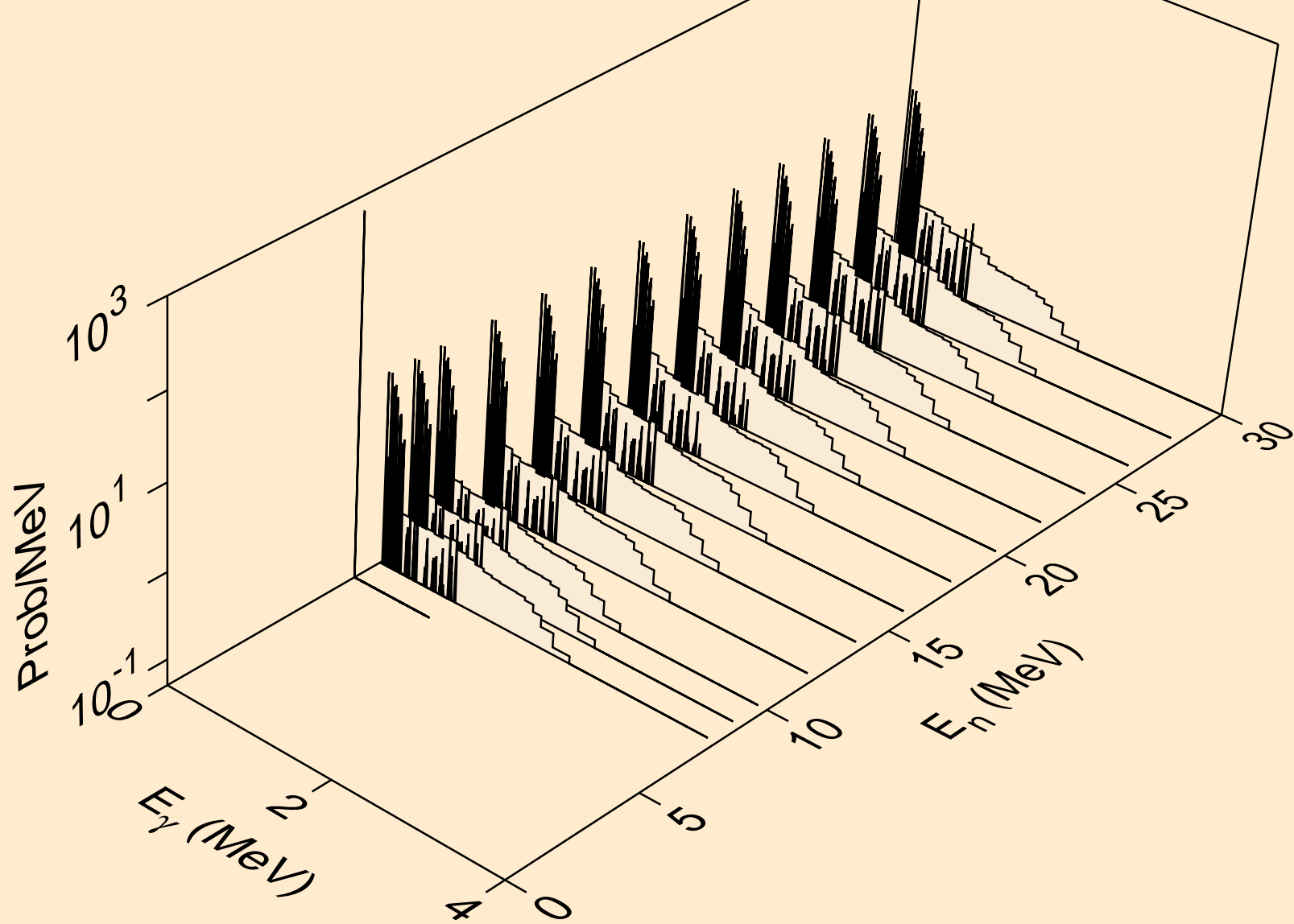
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Photon emission for (n,npa)



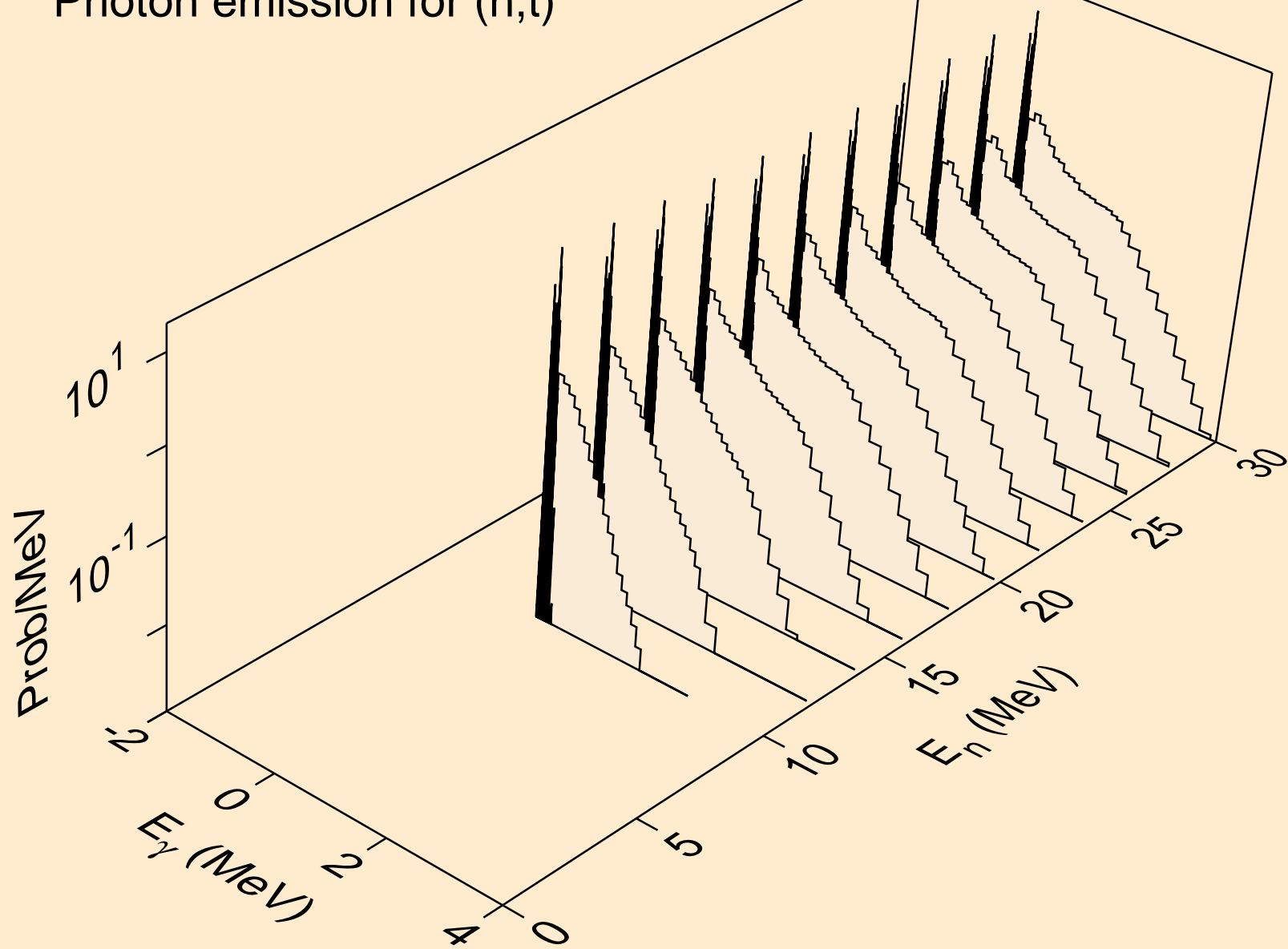
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Photon emission for (n,p)



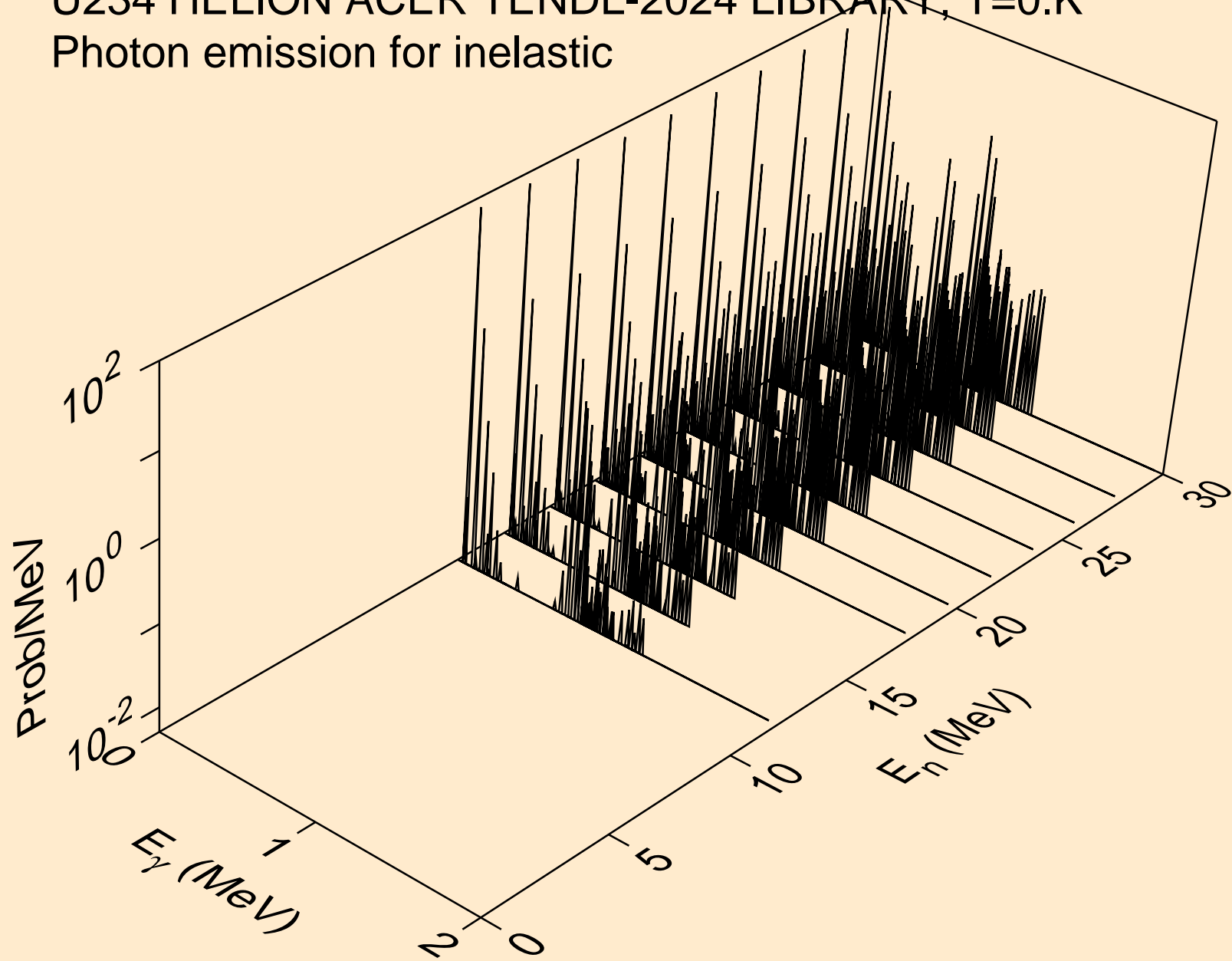
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Photon emission for (n,d)



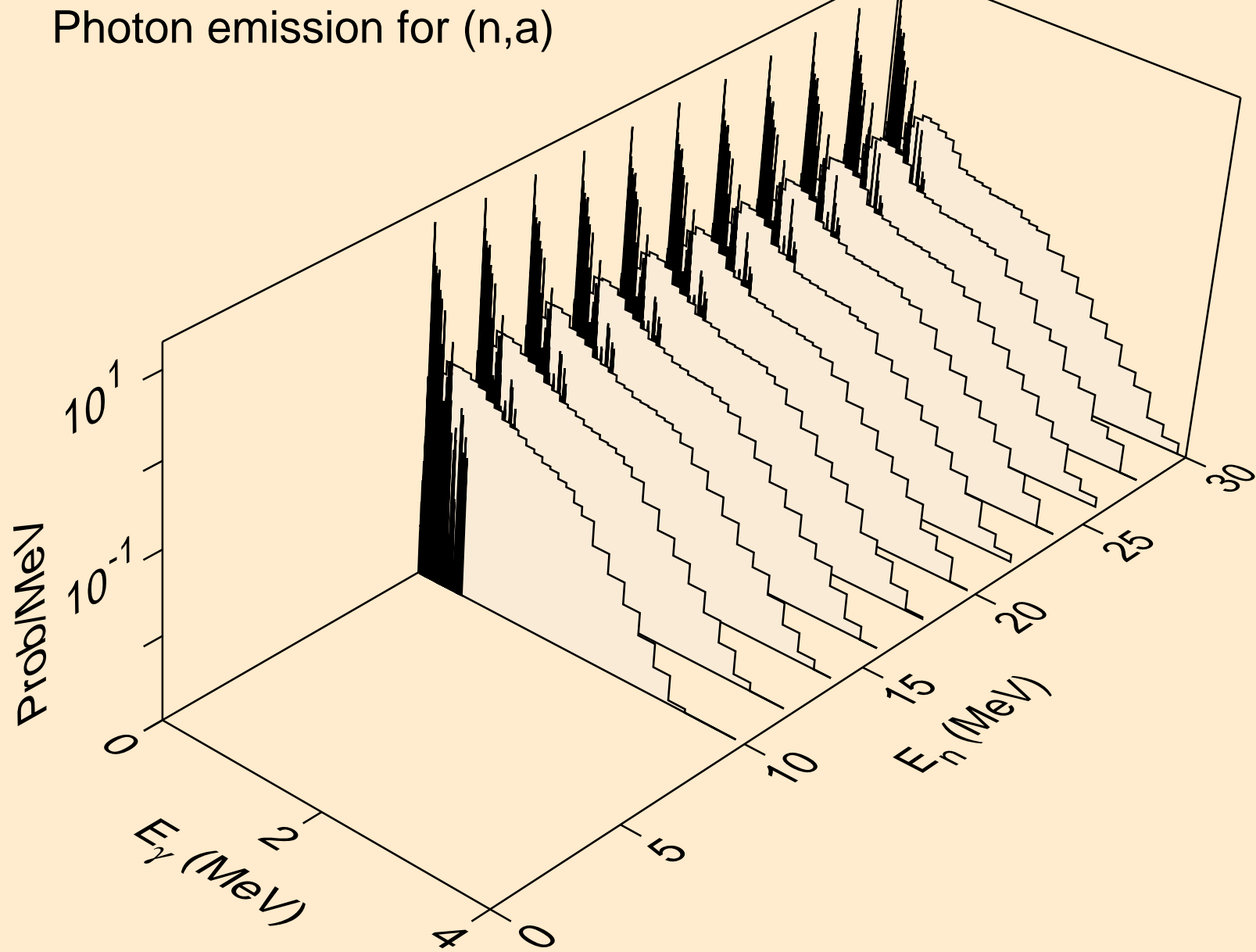
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Photon emission for (n,t)



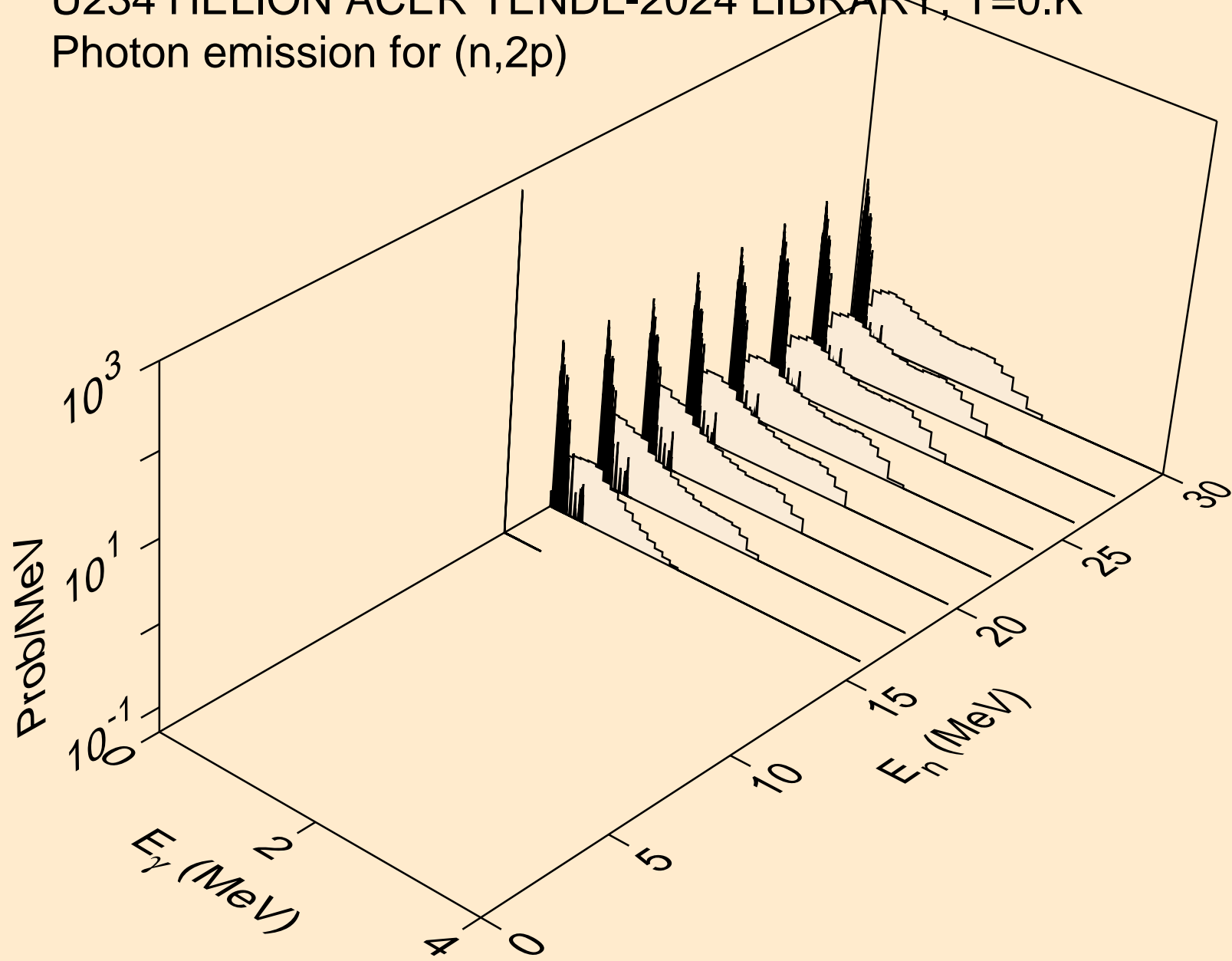
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



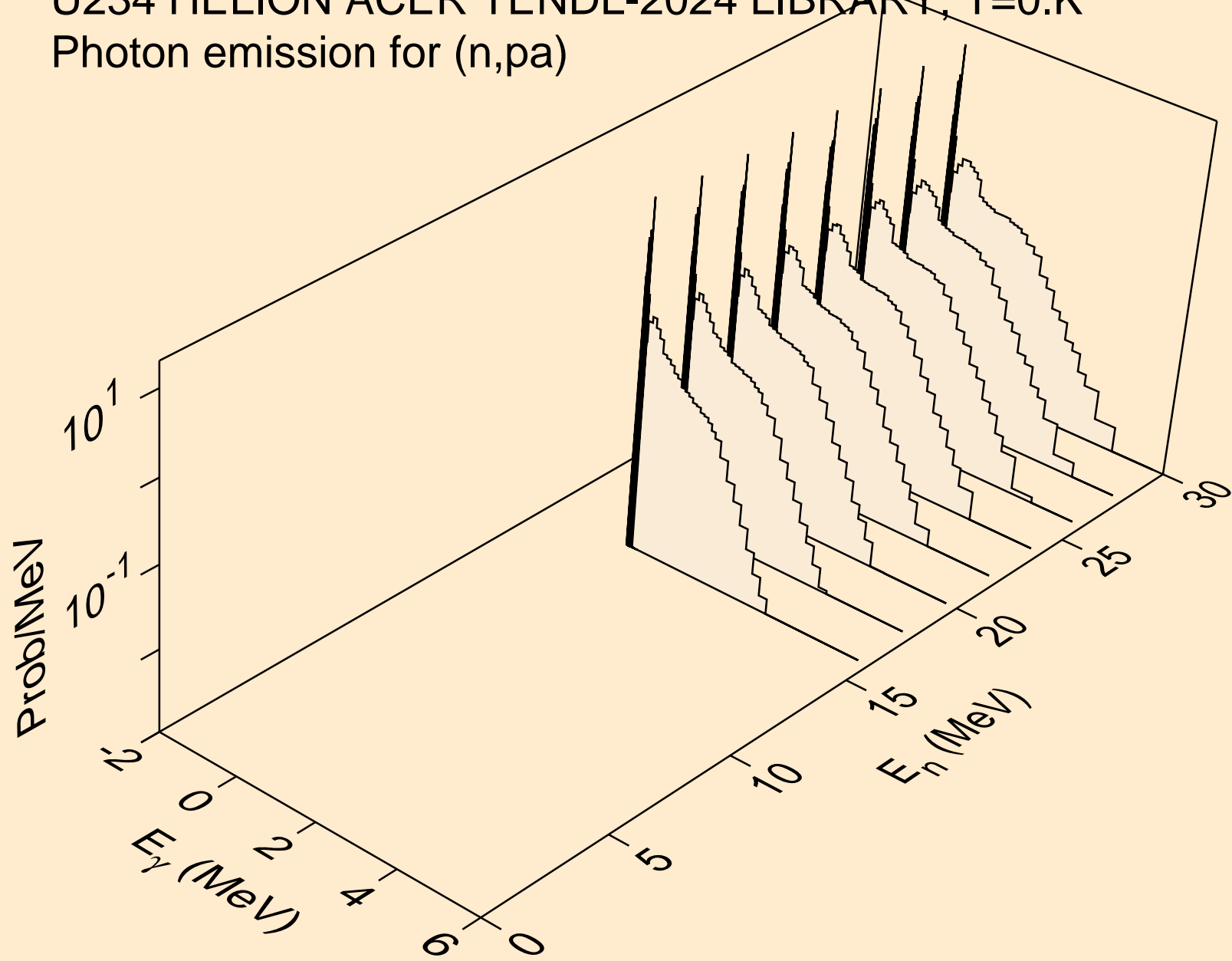
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Photon emission for (n,a)



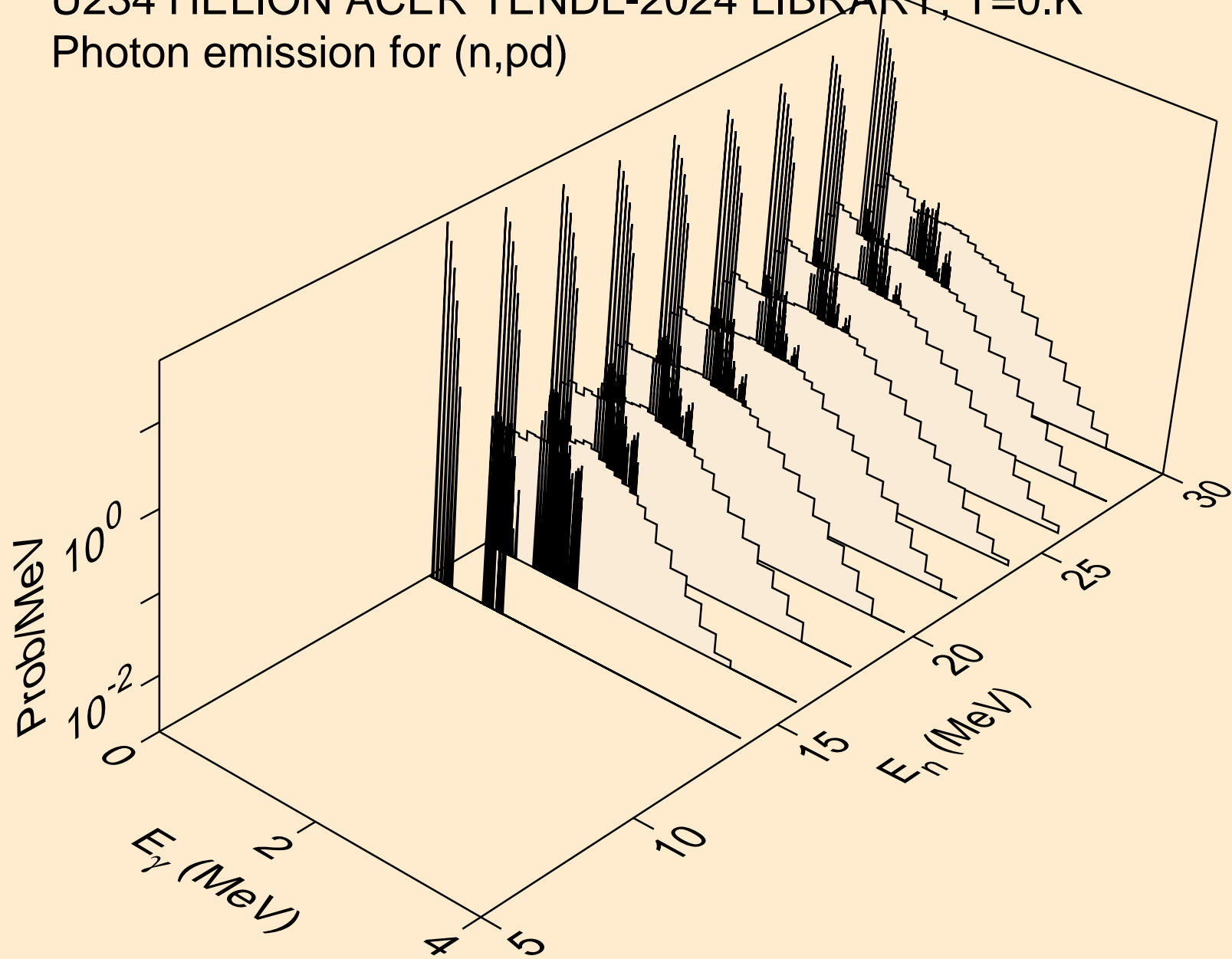
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Photon emission for (n,2p)



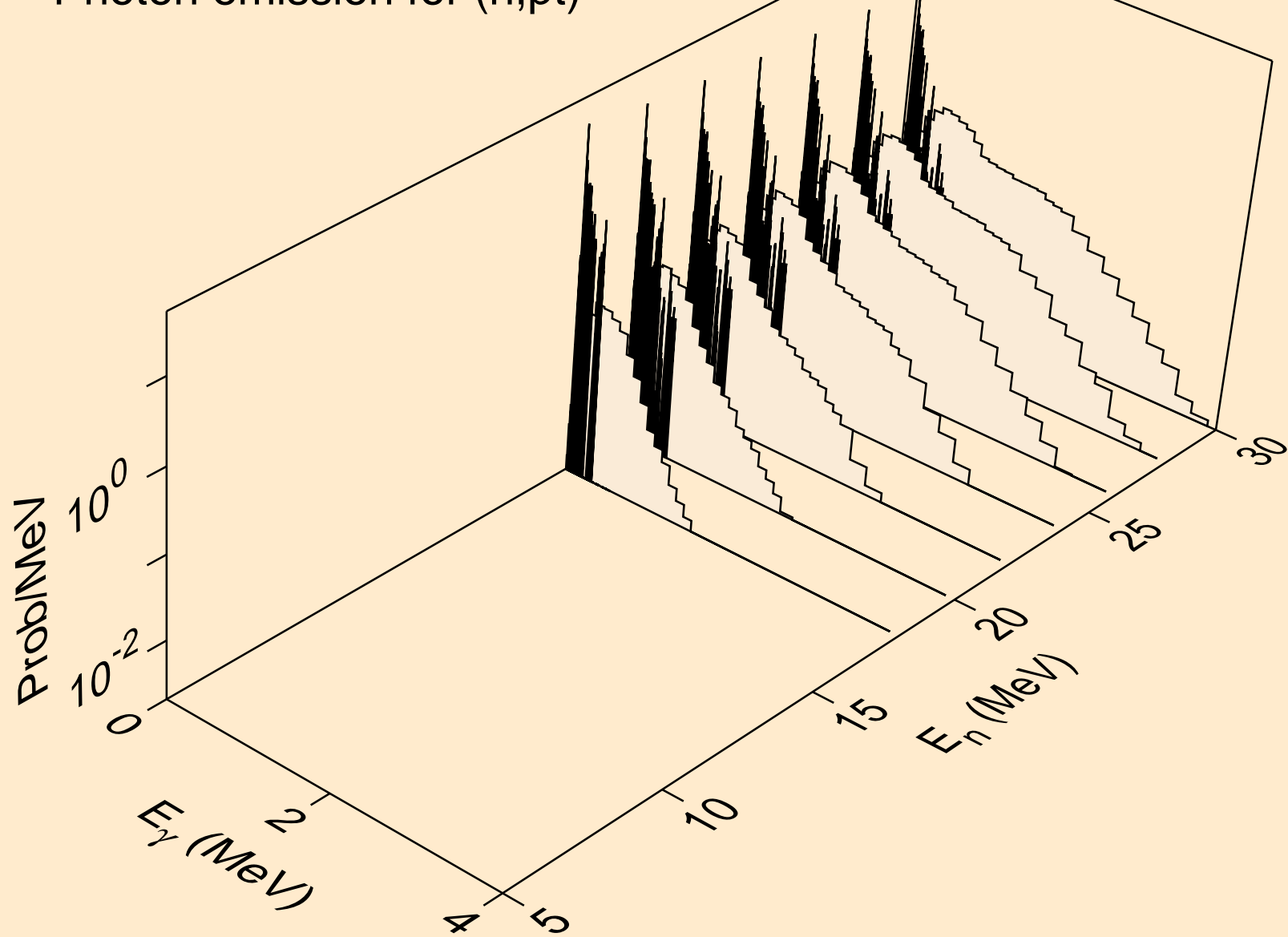
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

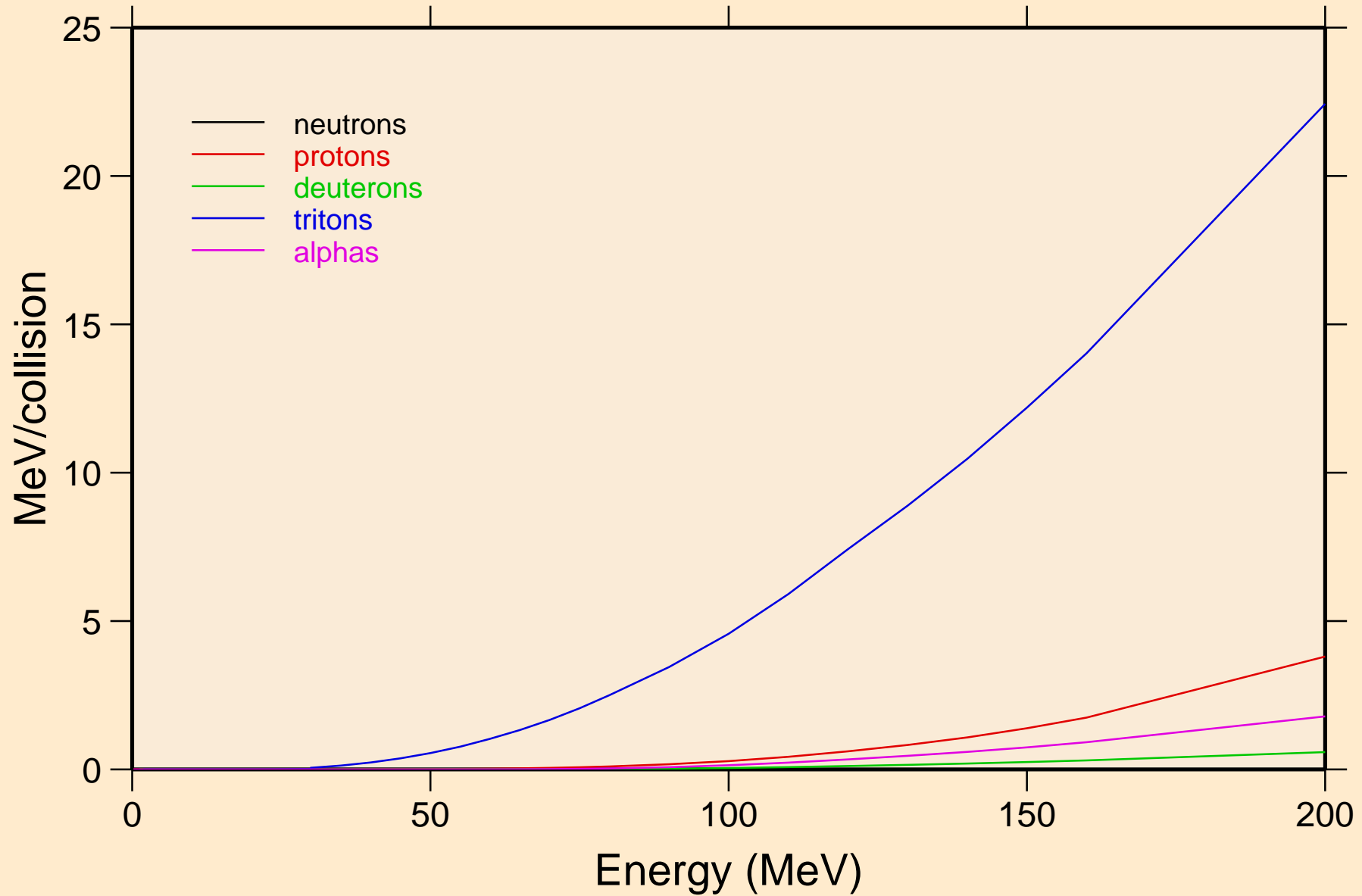


U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

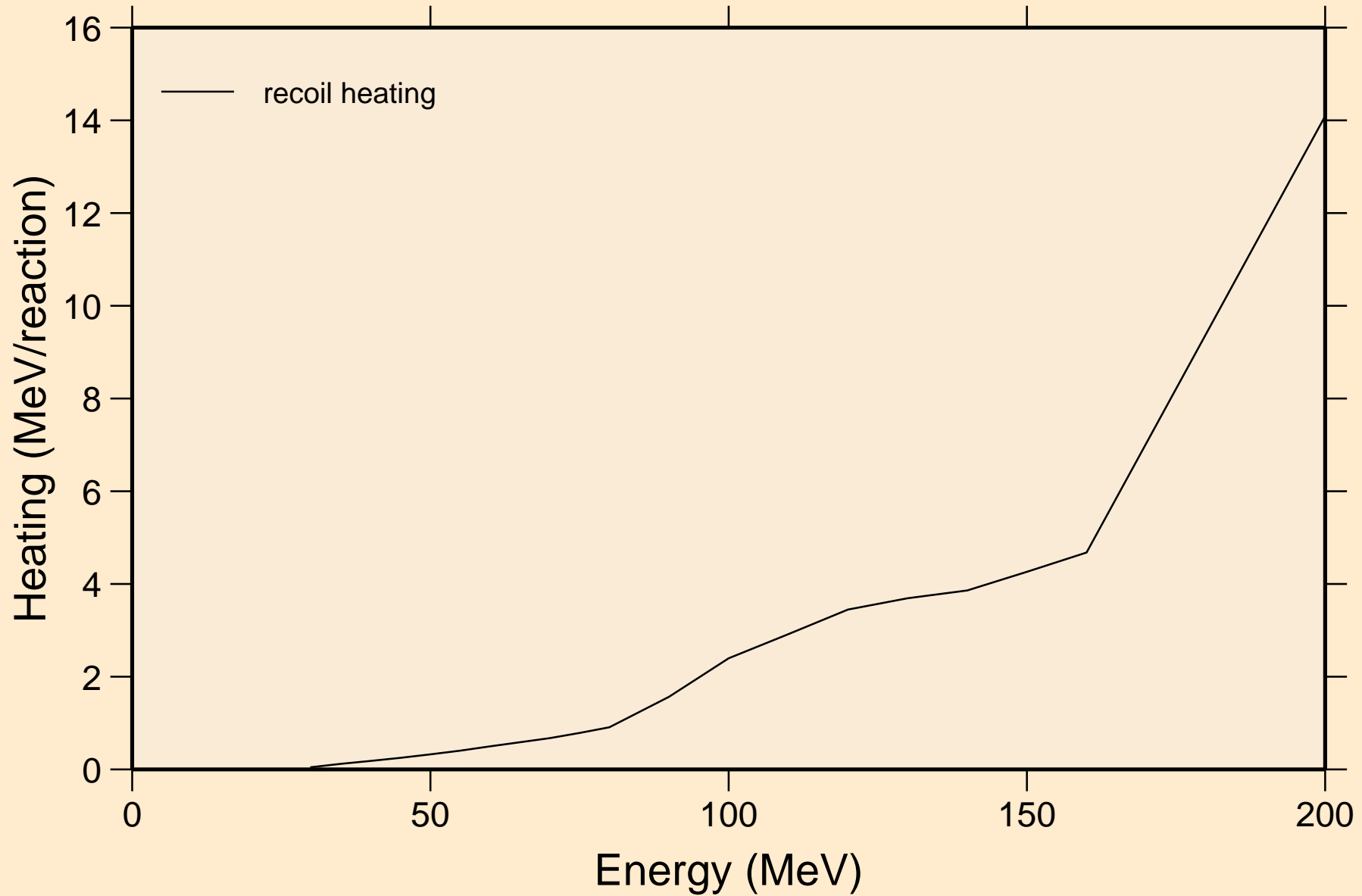


# U234 HELION ACER TENDL-2024 LIBRARY; T=0.K

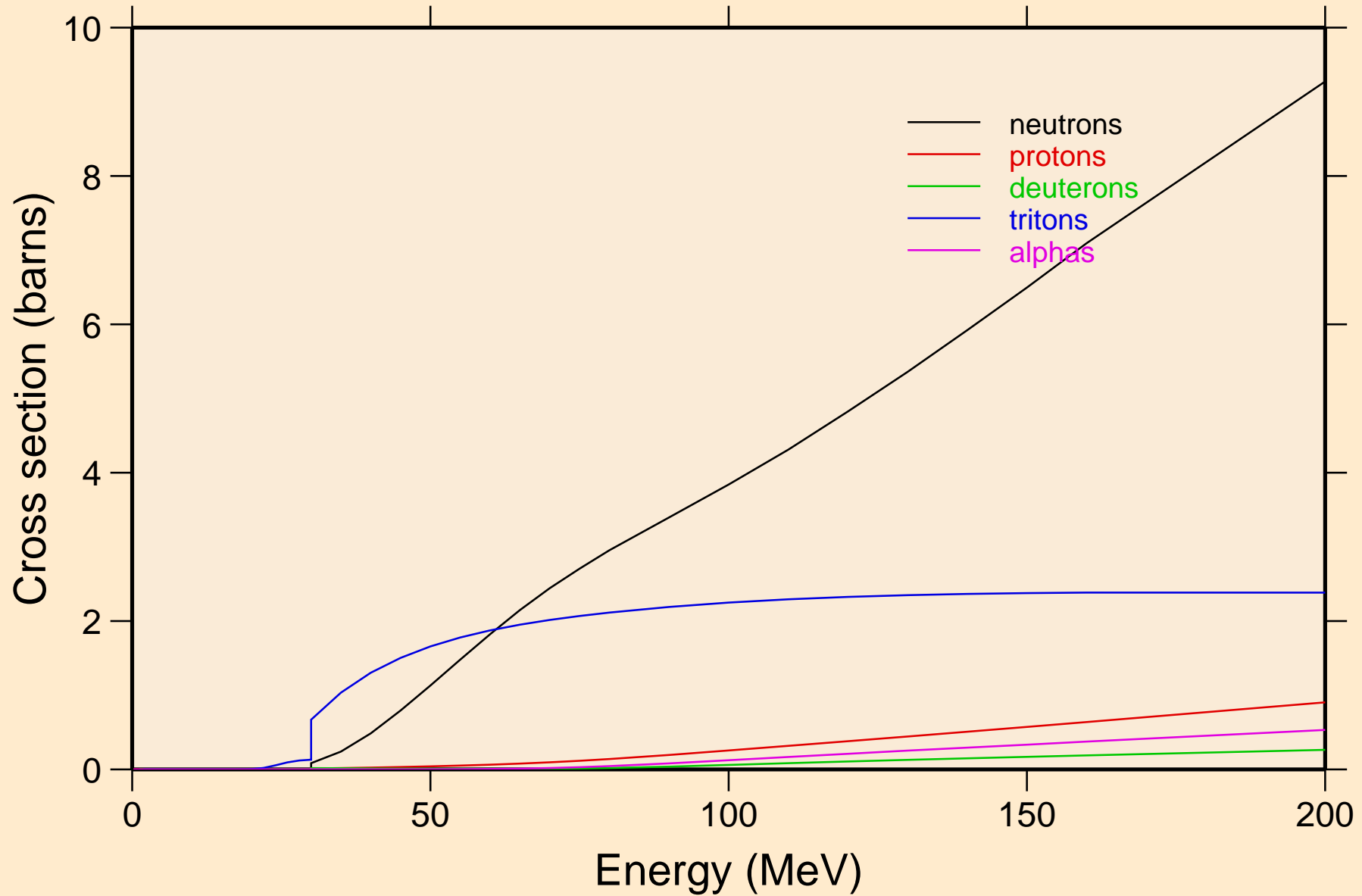
## Particle heating contributions



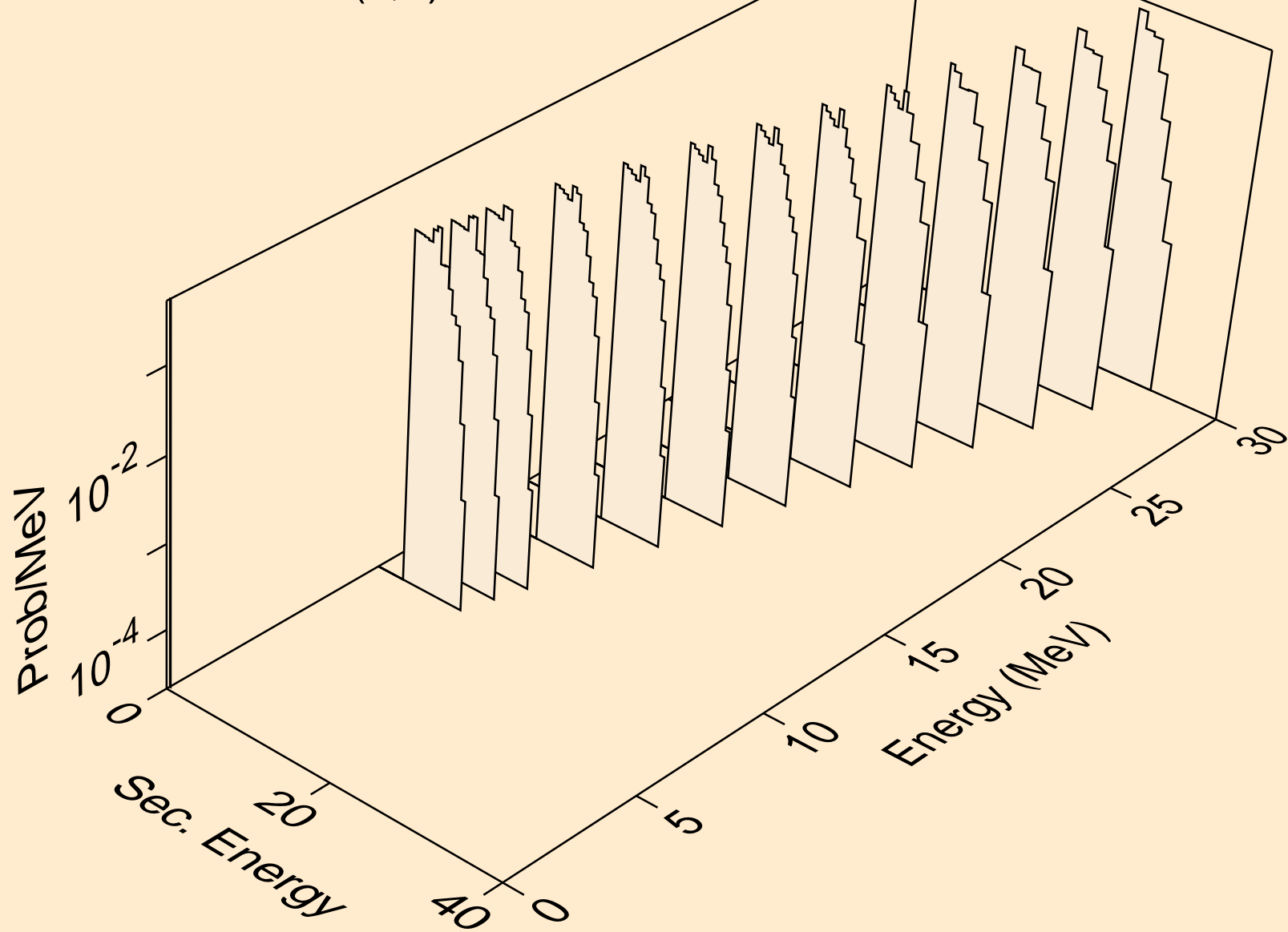
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Recoil Heating



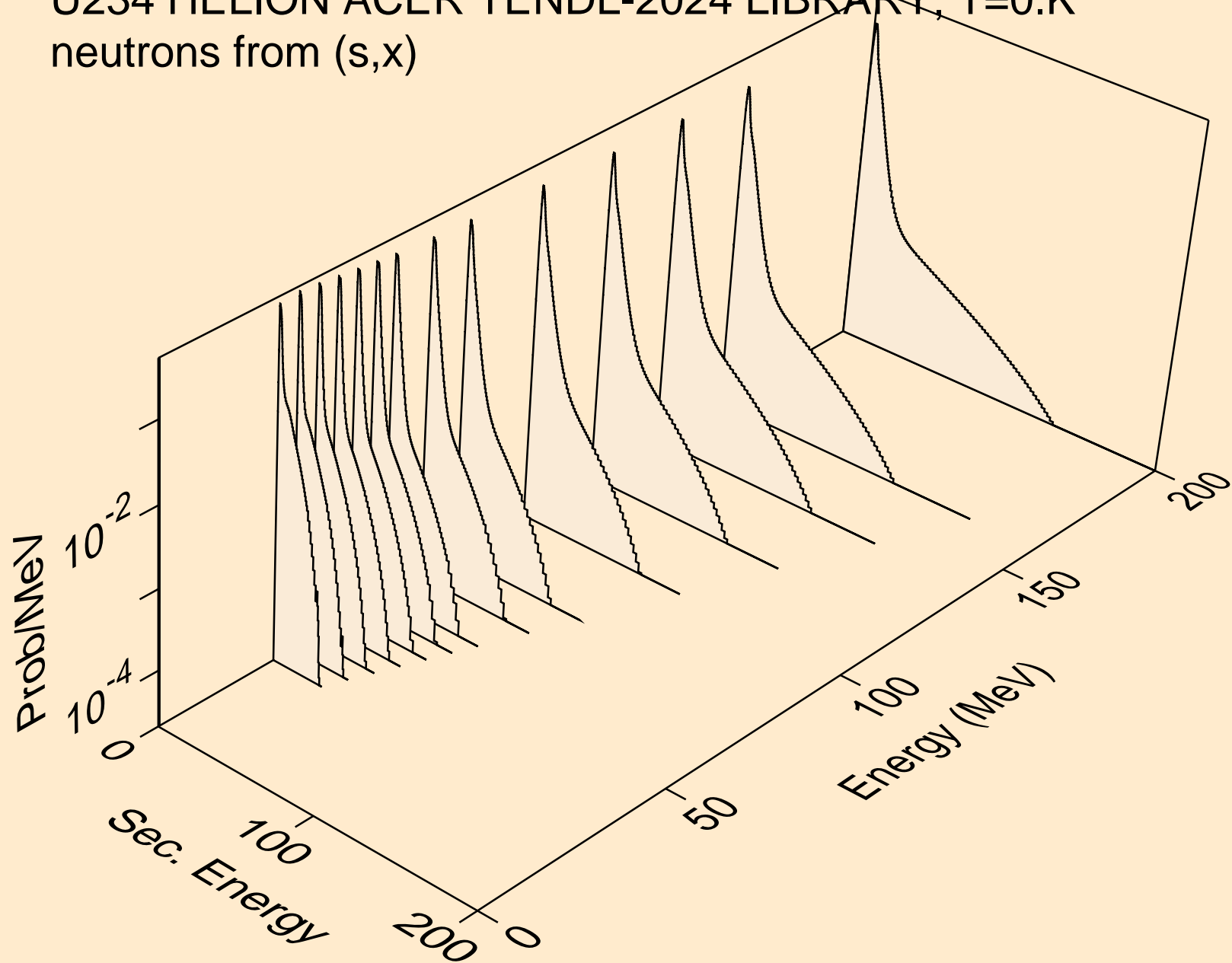
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



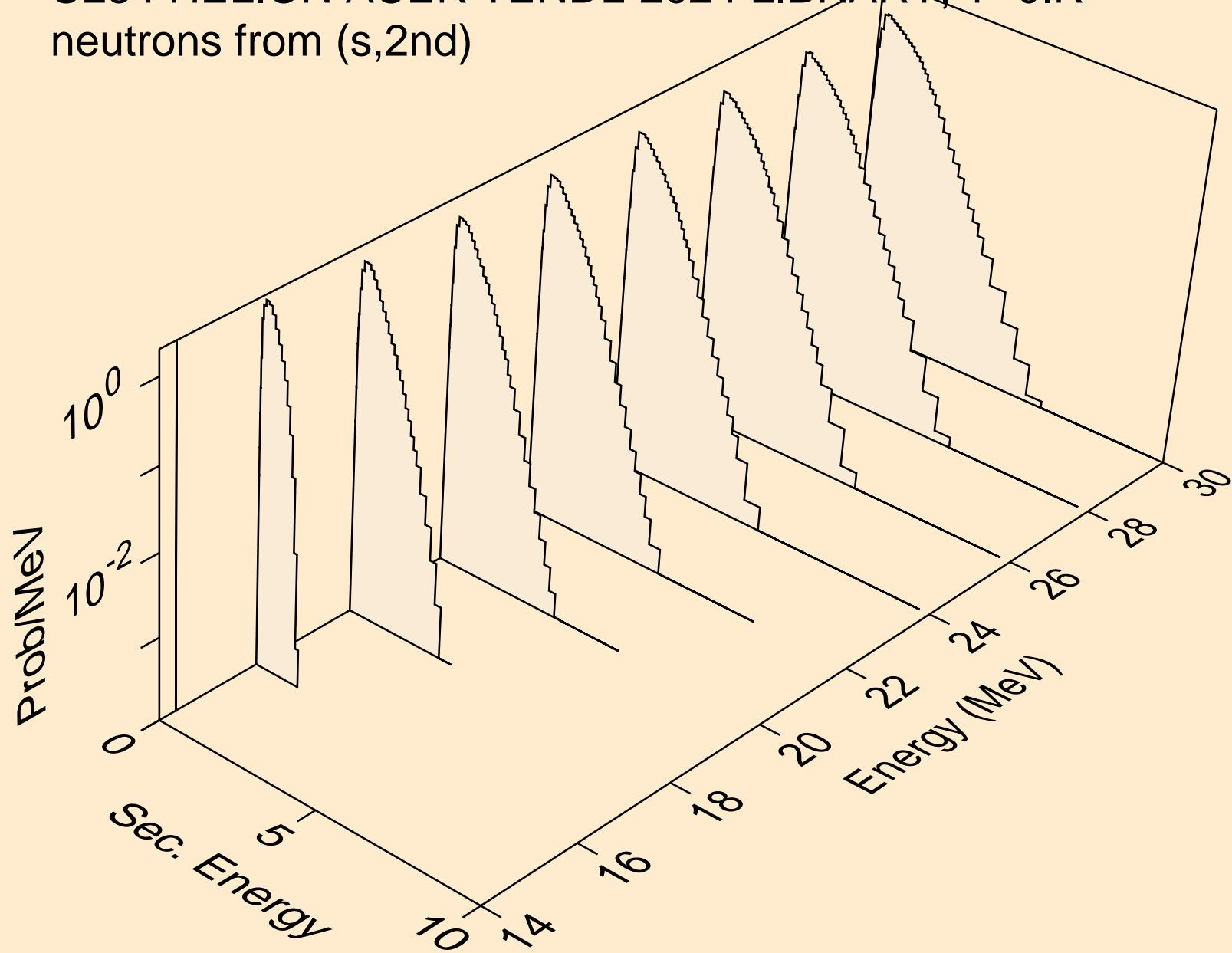
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



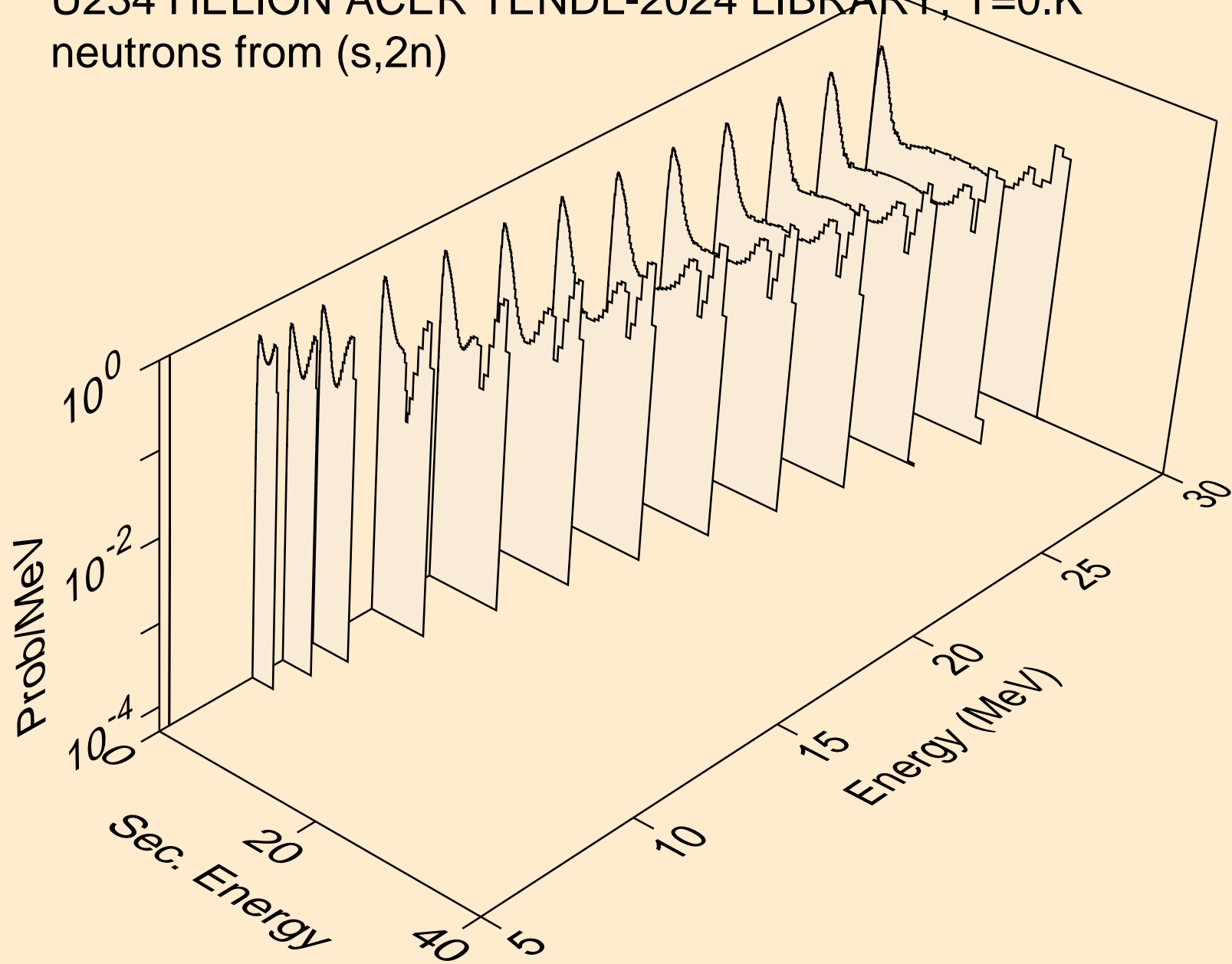
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neutrons from (s,x)



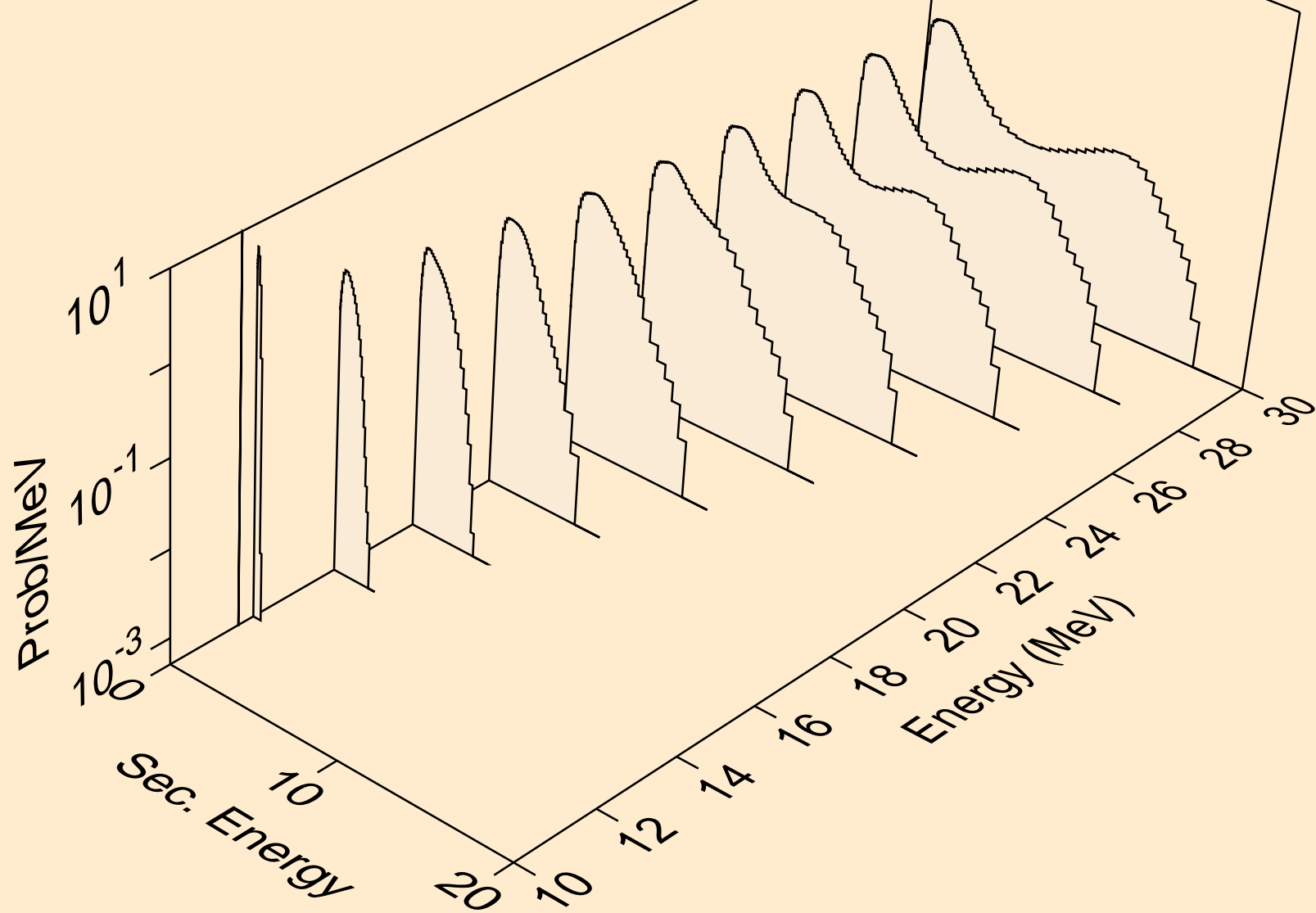
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neutrons from (s,2nd)



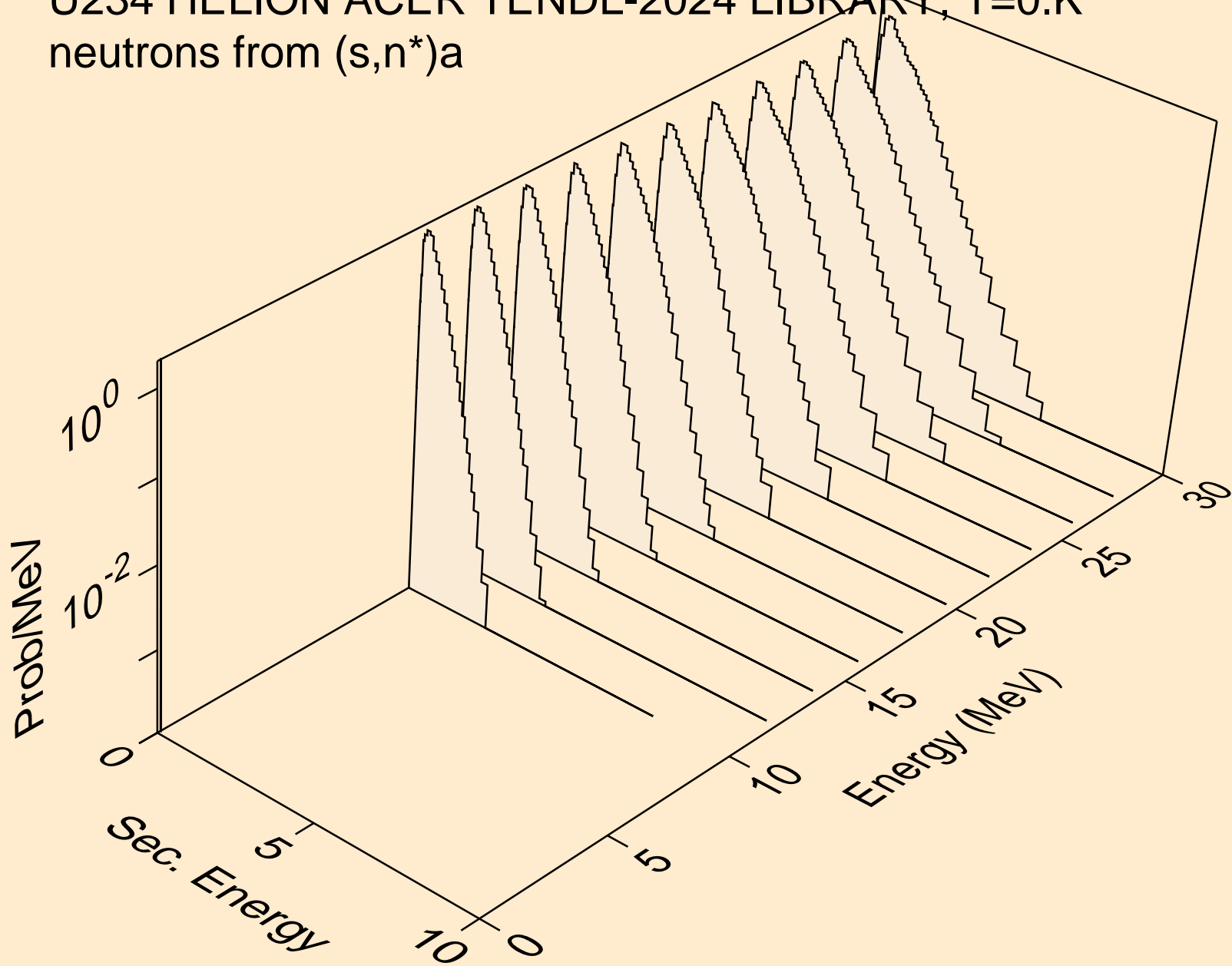
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neutrons from (s,2n)



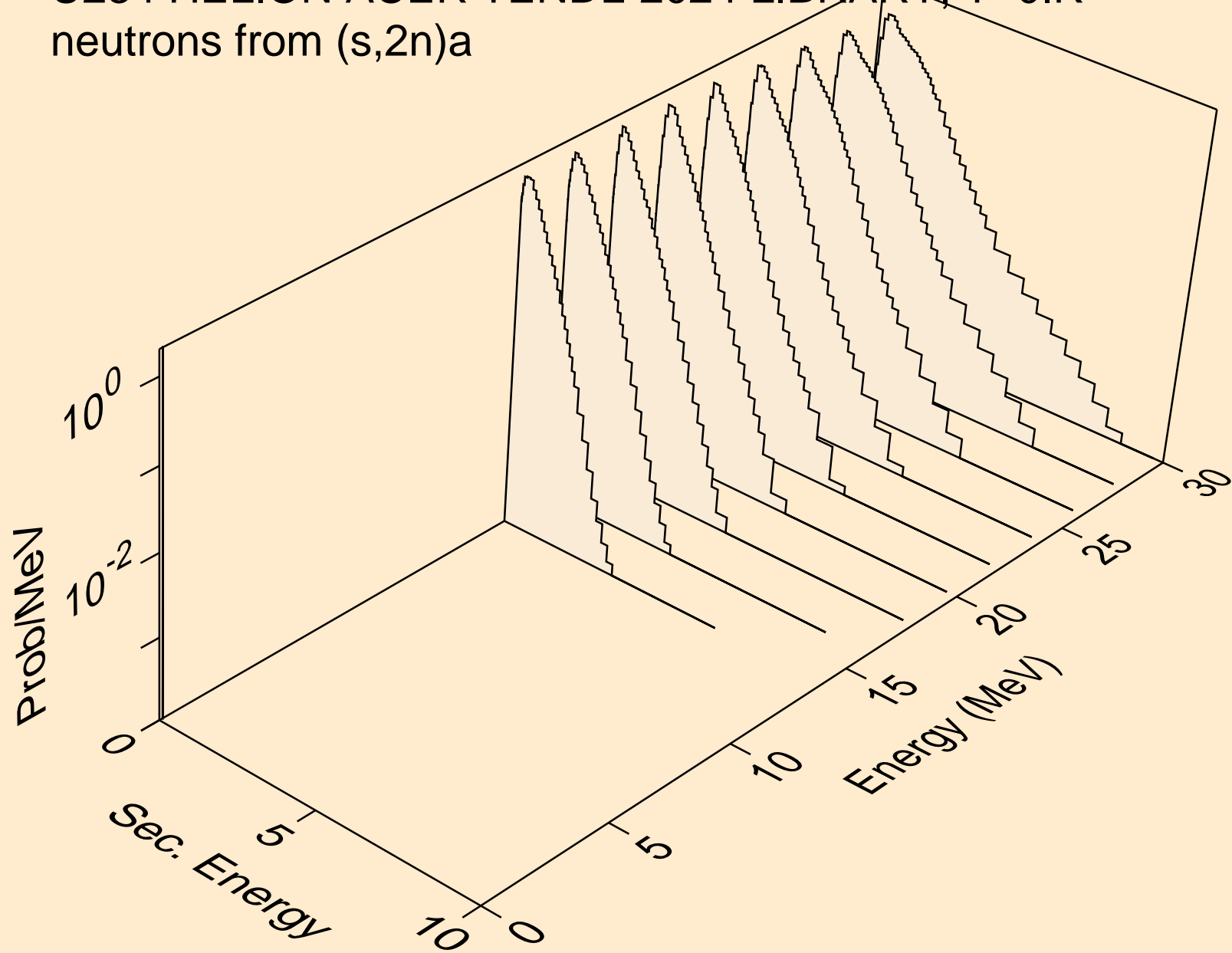
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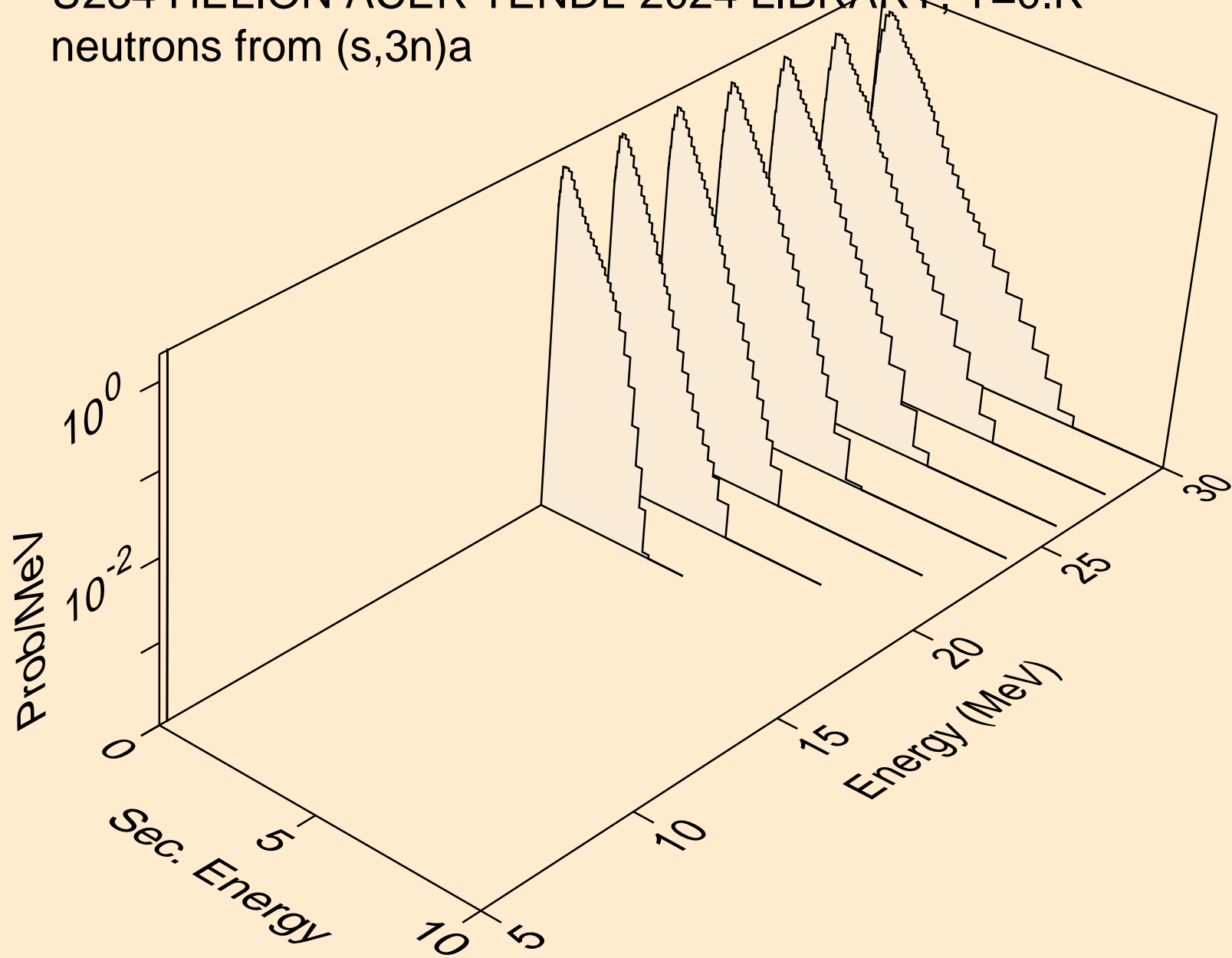
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



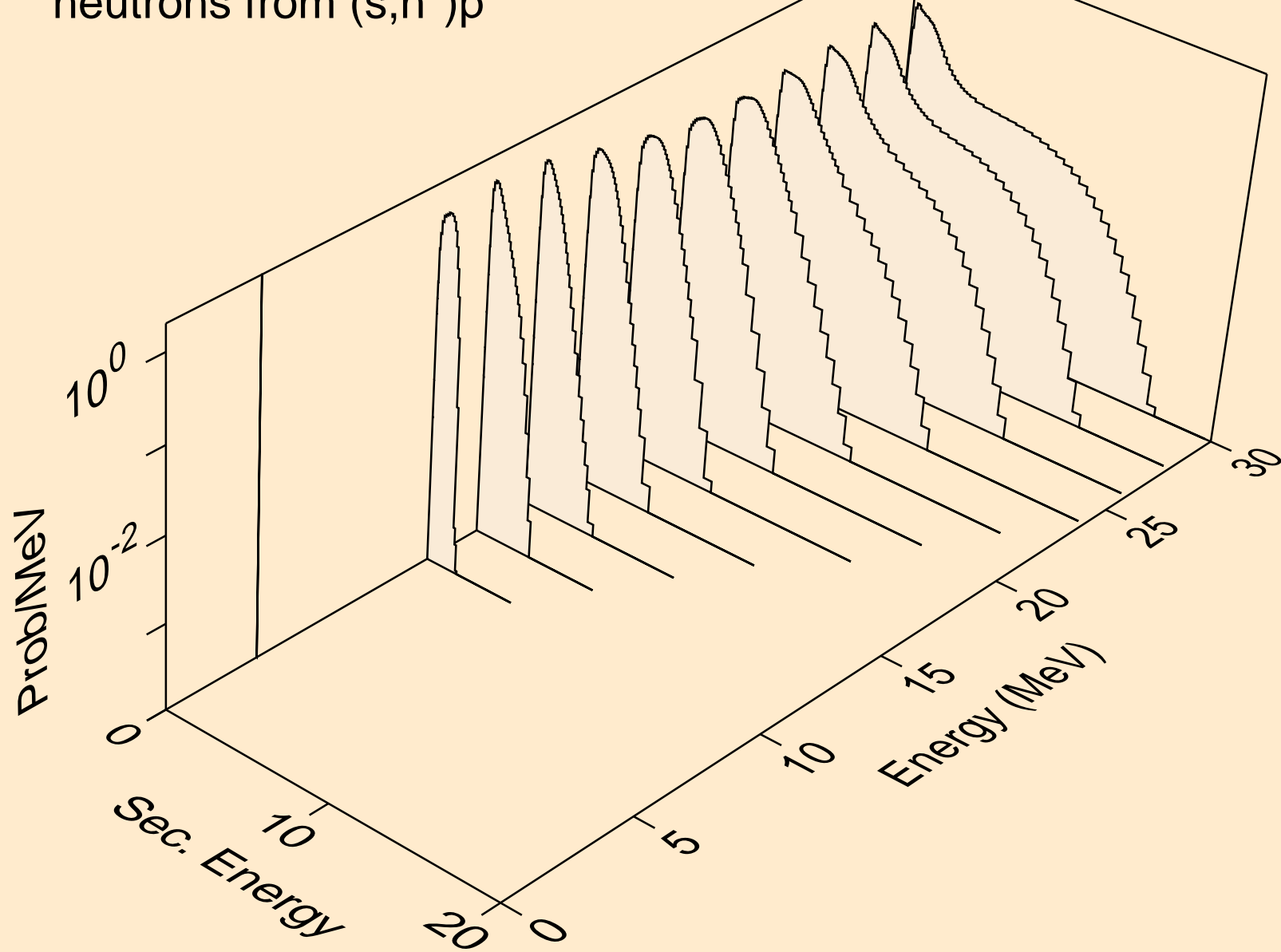
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neutrons from (s,2n)a



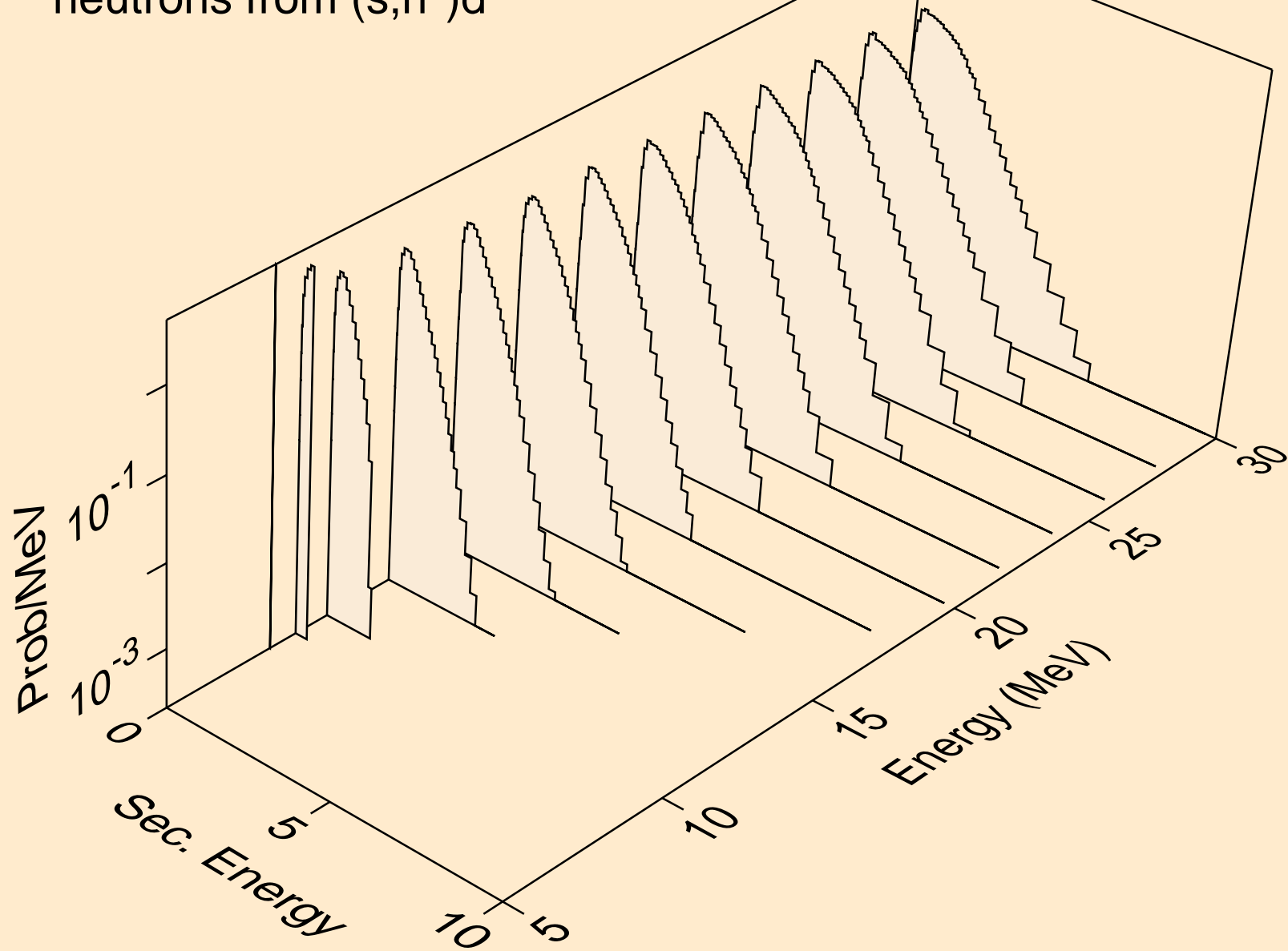
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neutrons from (s,3n)a



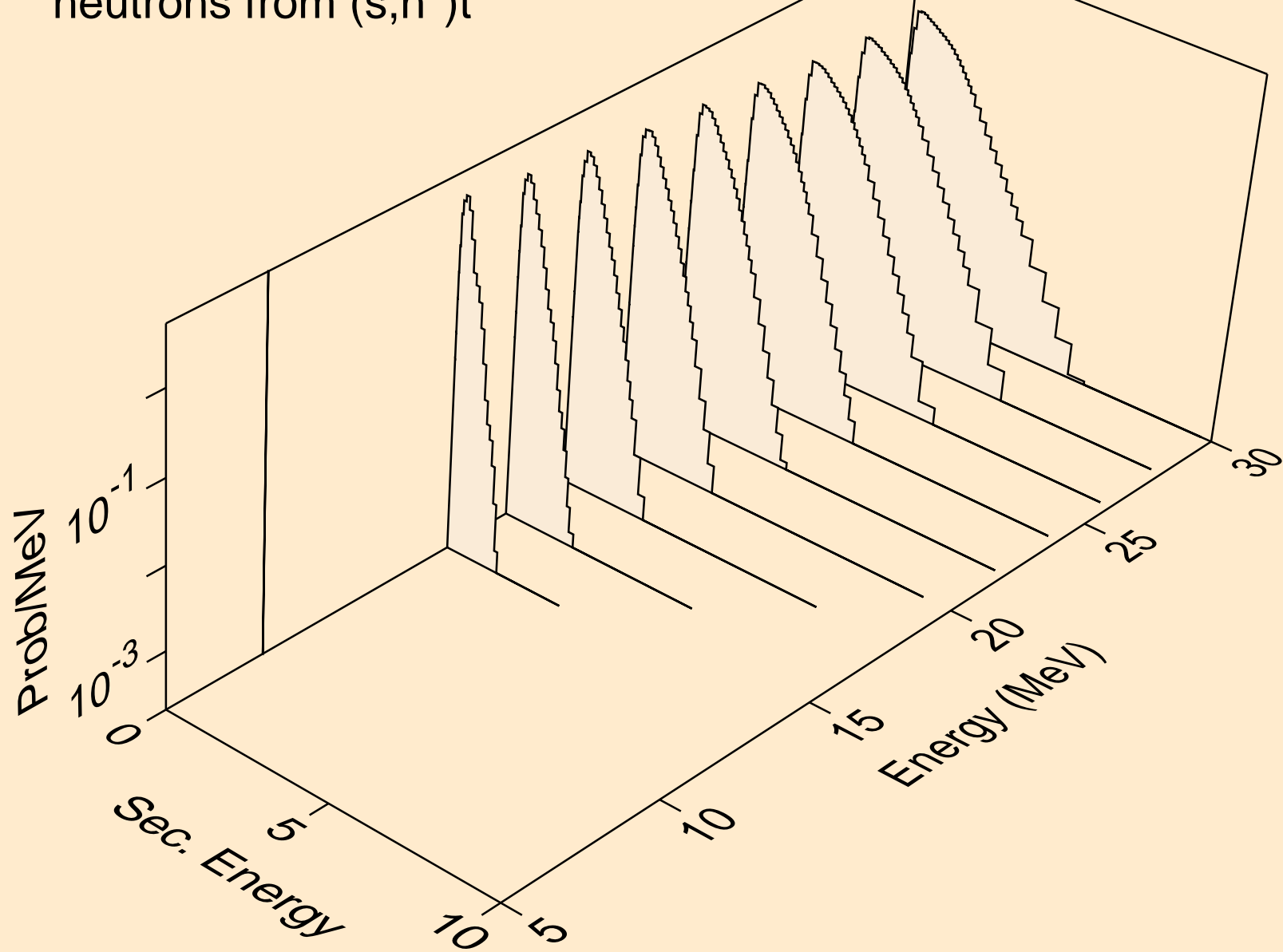
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neutrons from (s,n\*)p



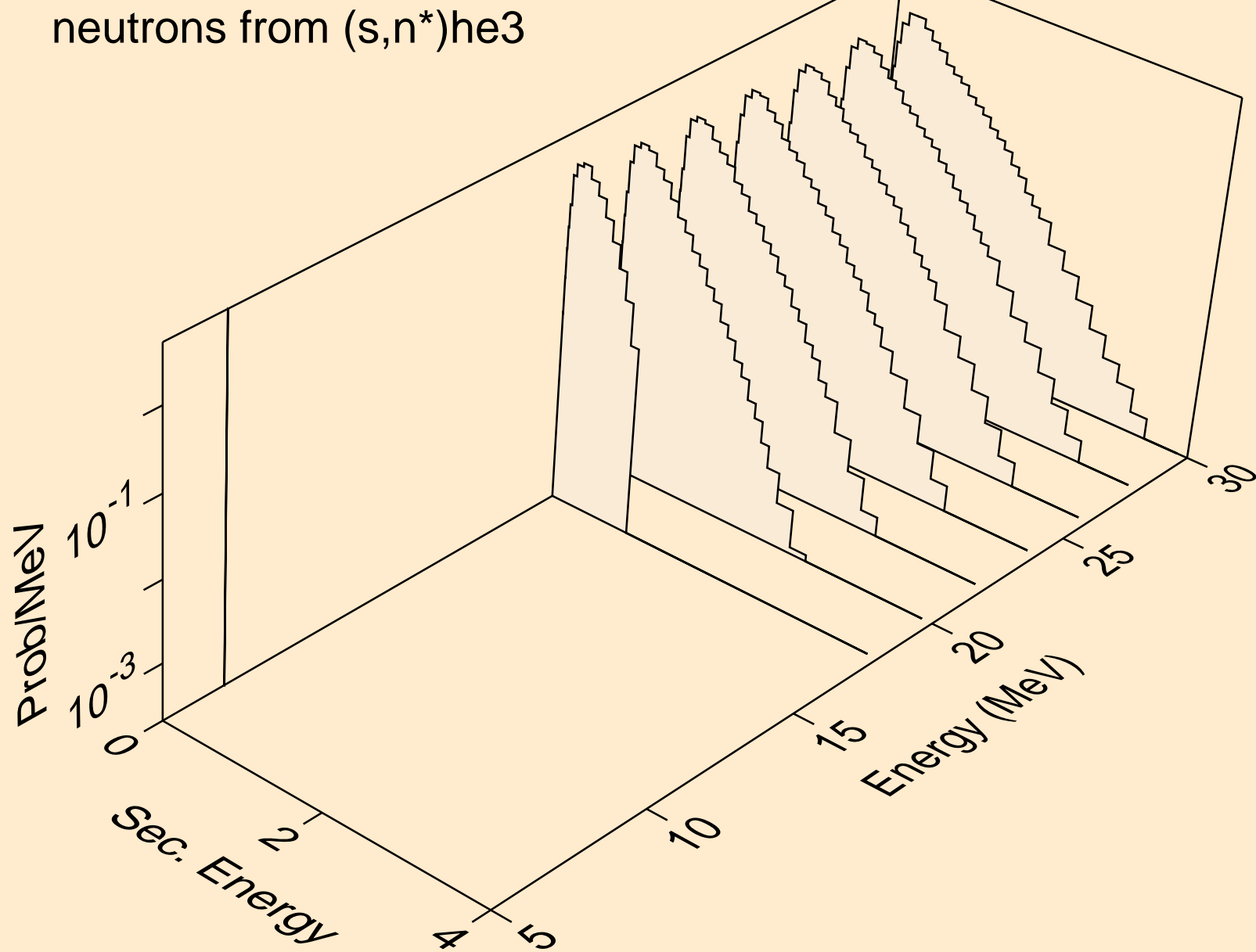
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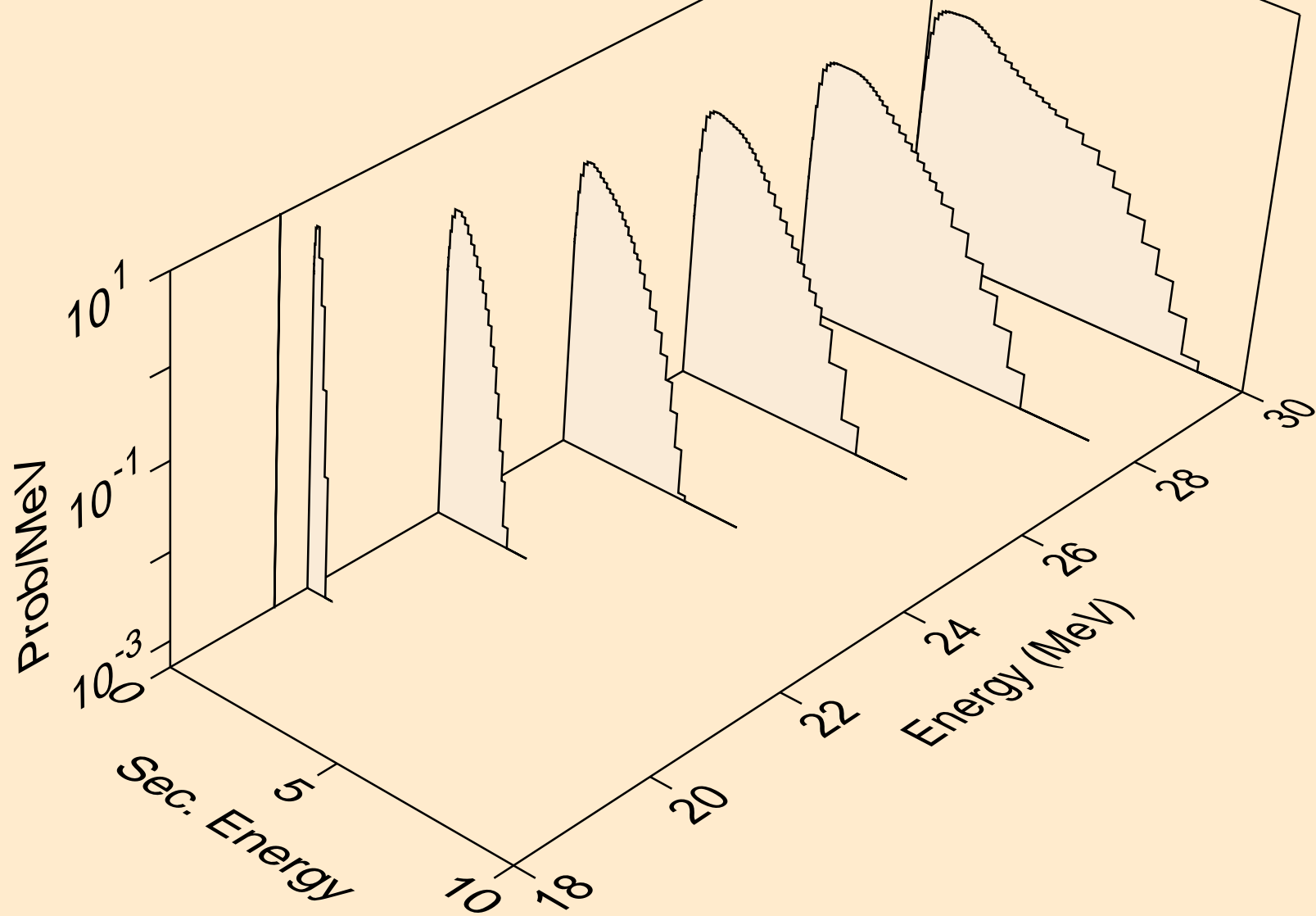
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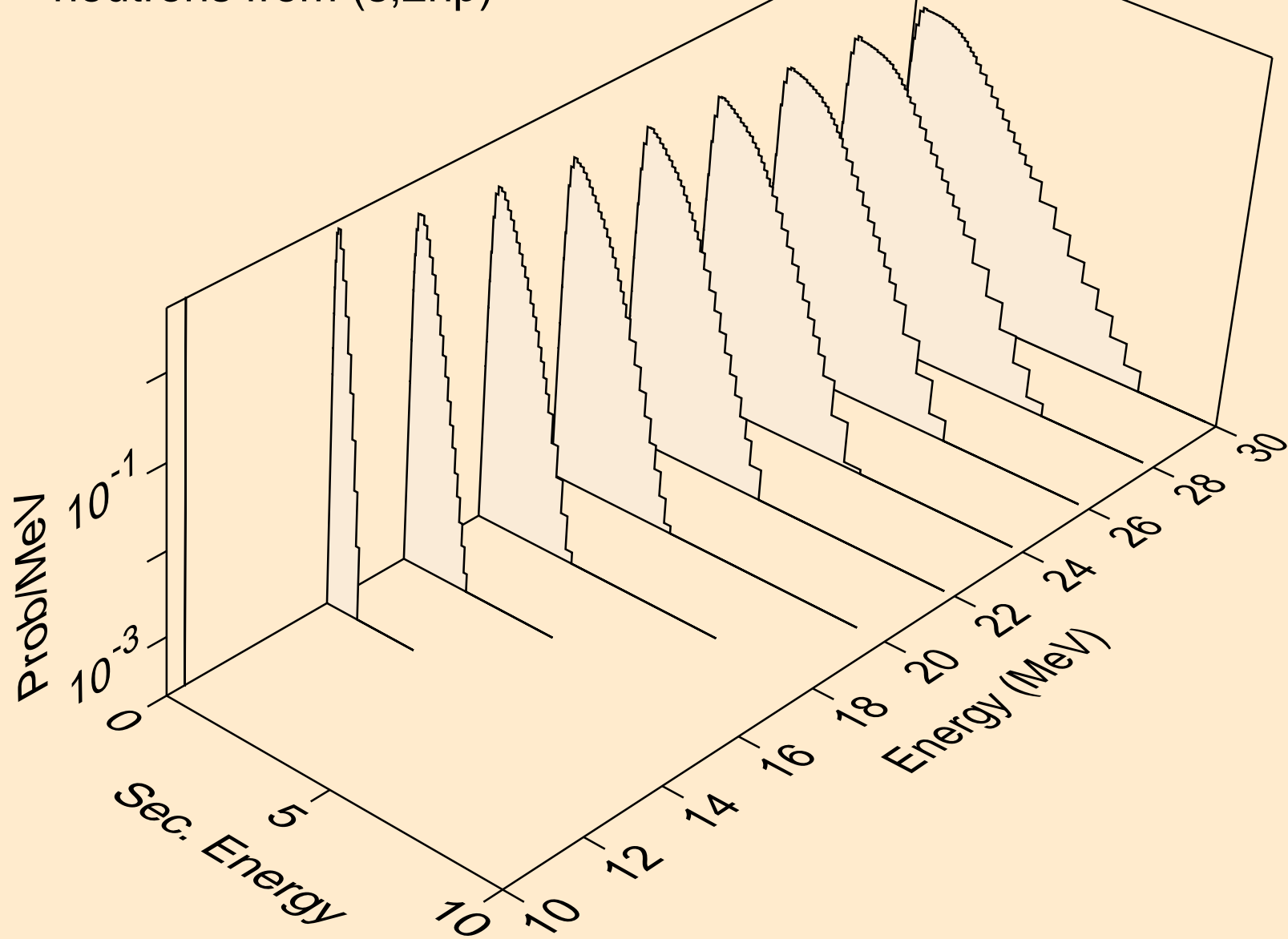
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neutrons from (s,n\*)he3



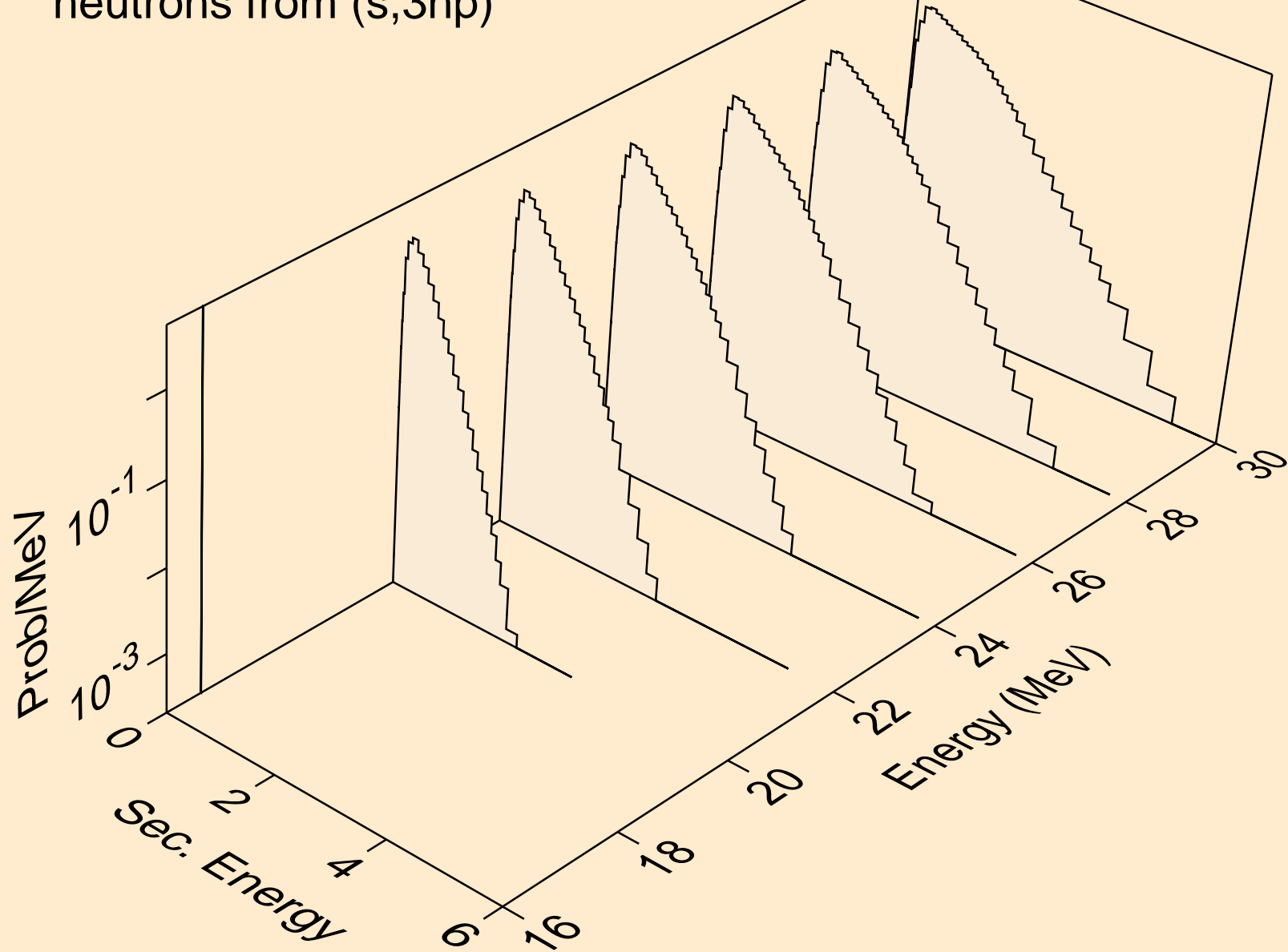
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neutrons from (s,4n)



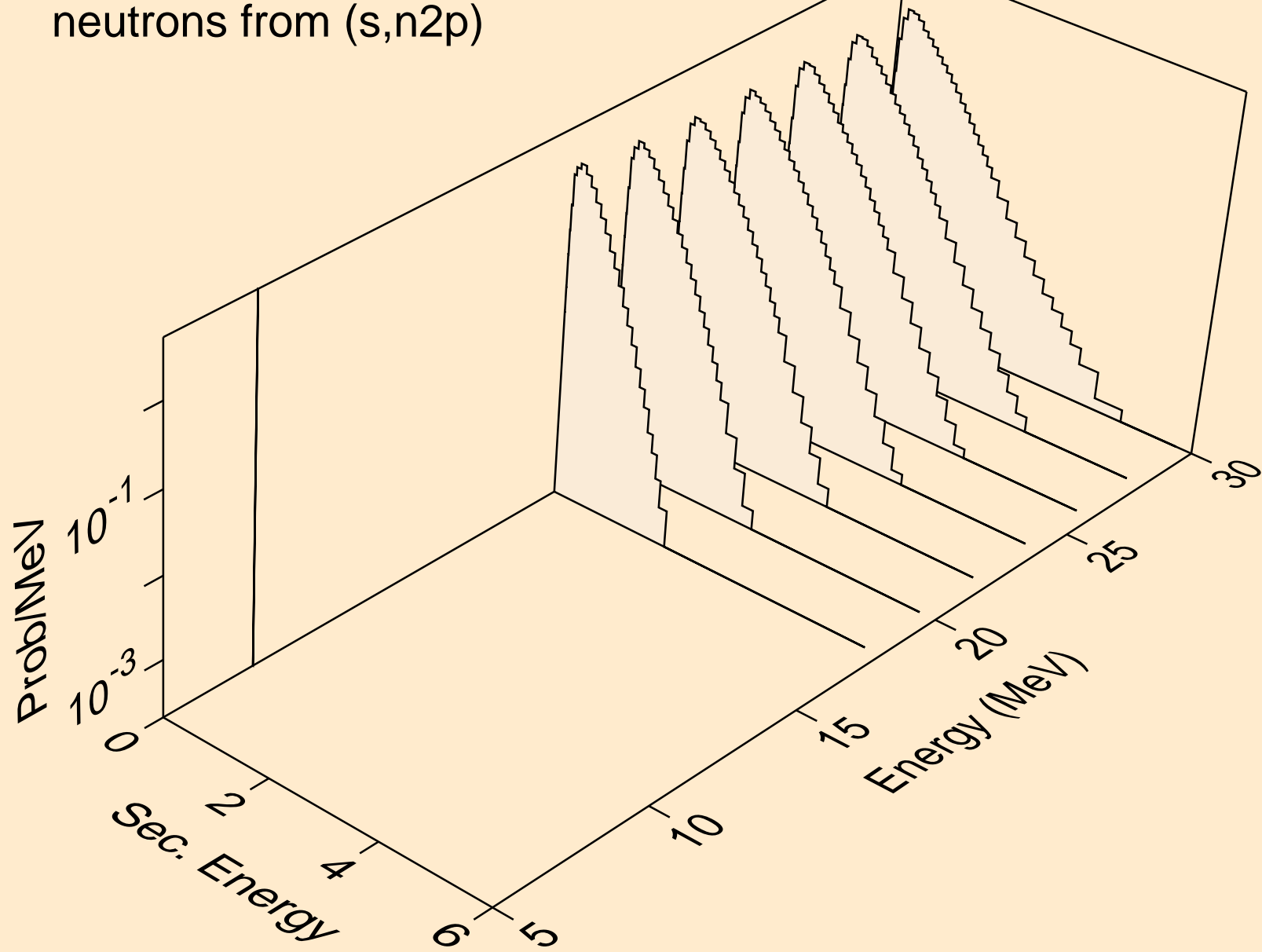
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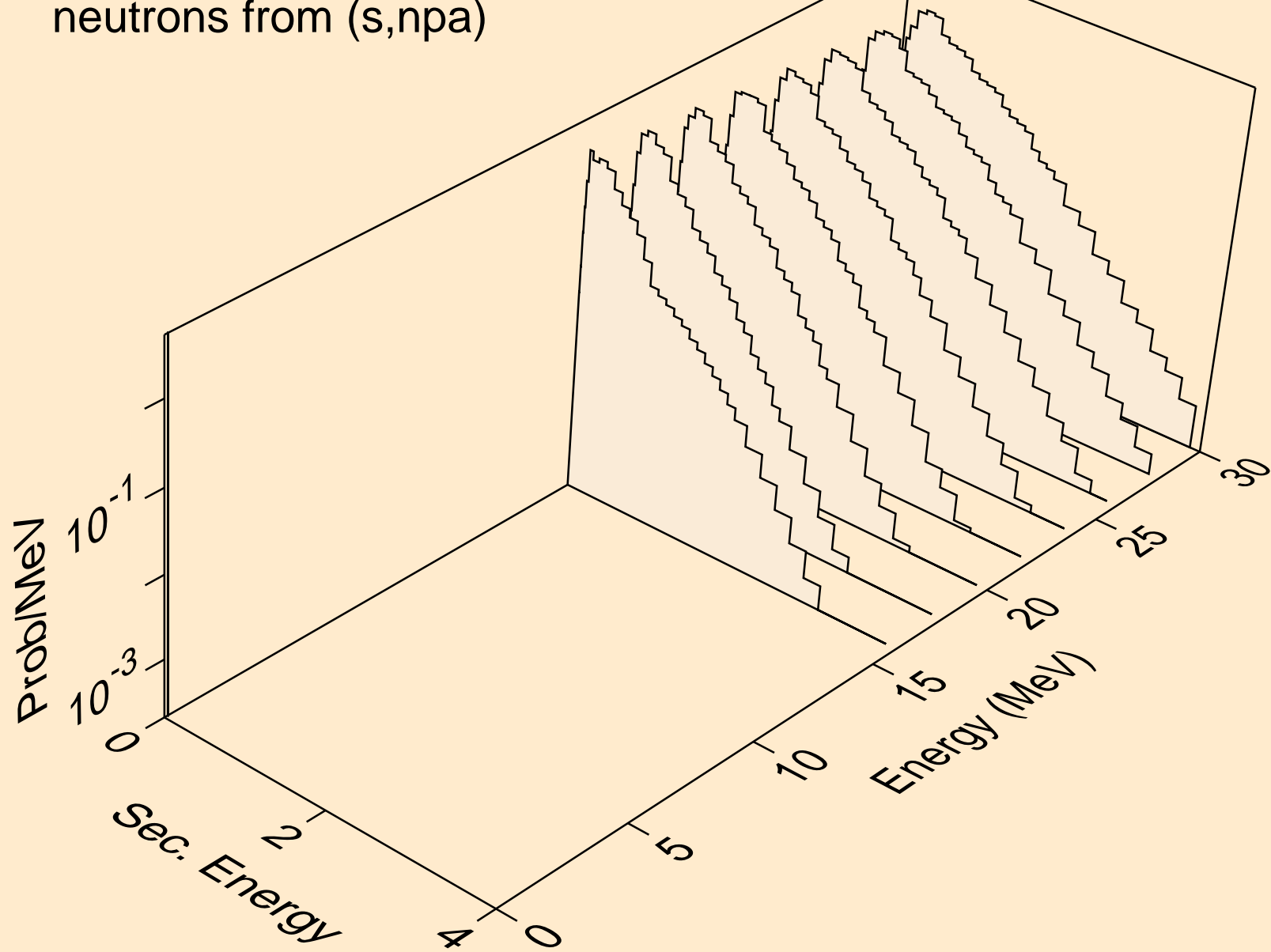
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neutrons from (s,3np)



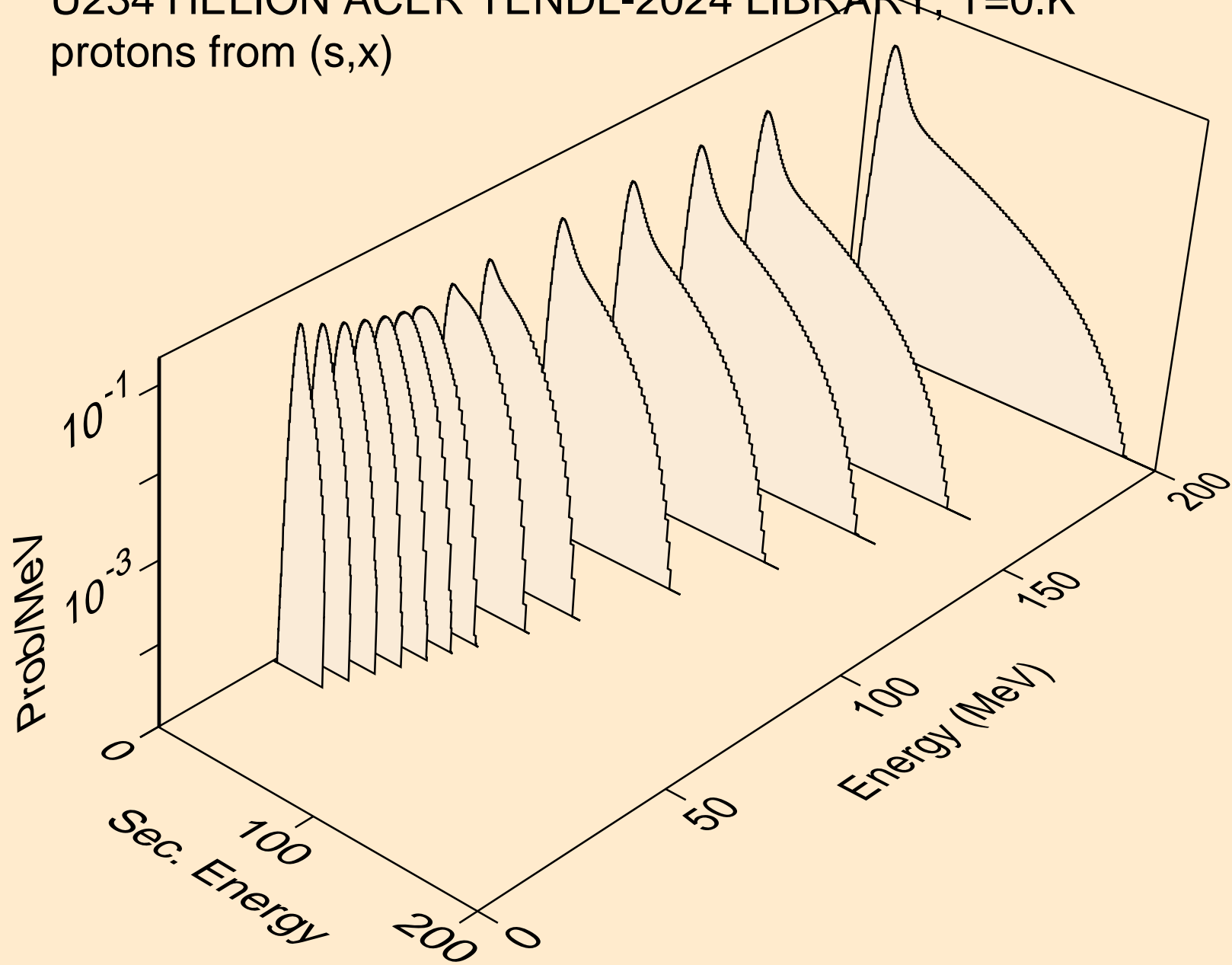
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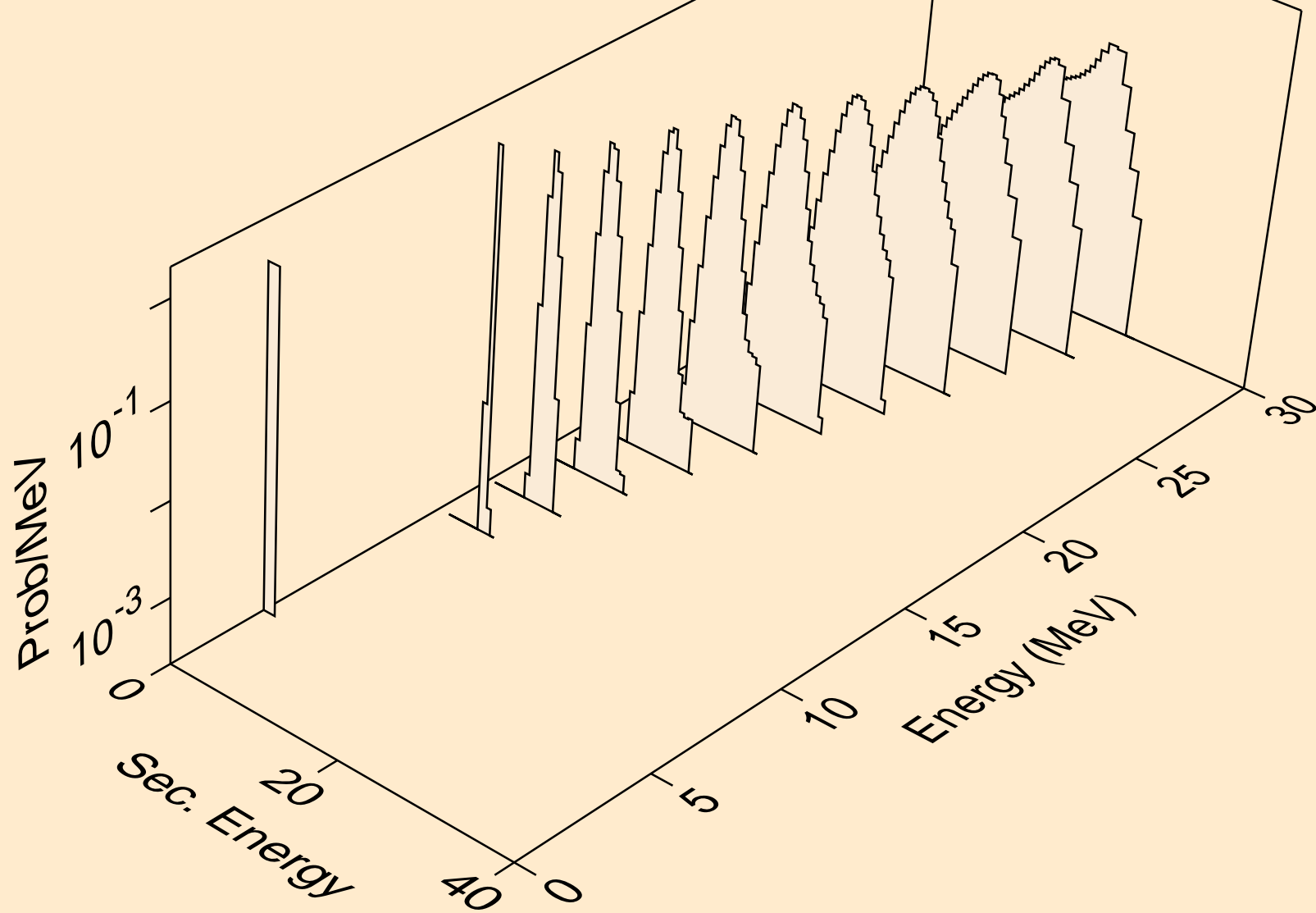
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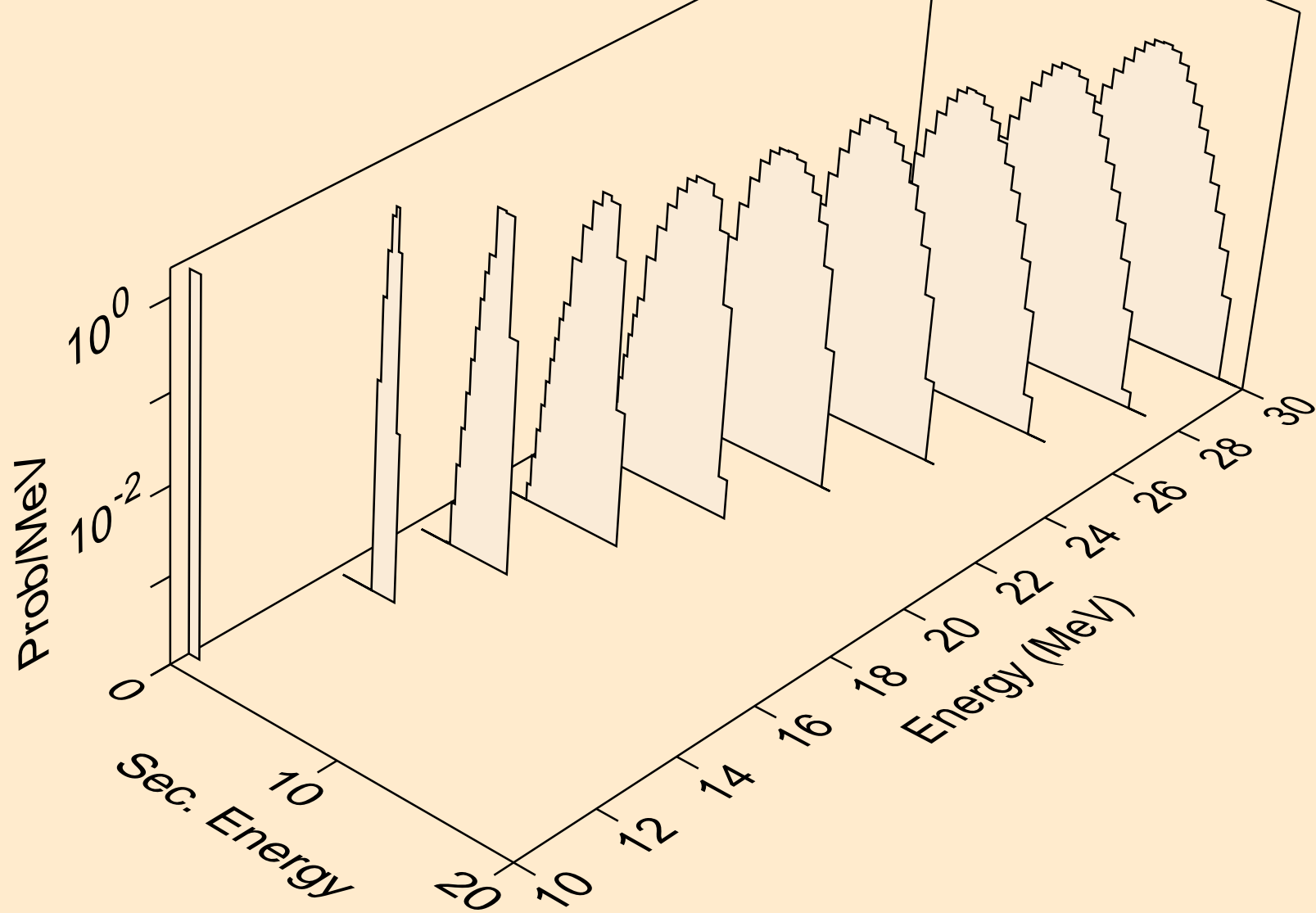
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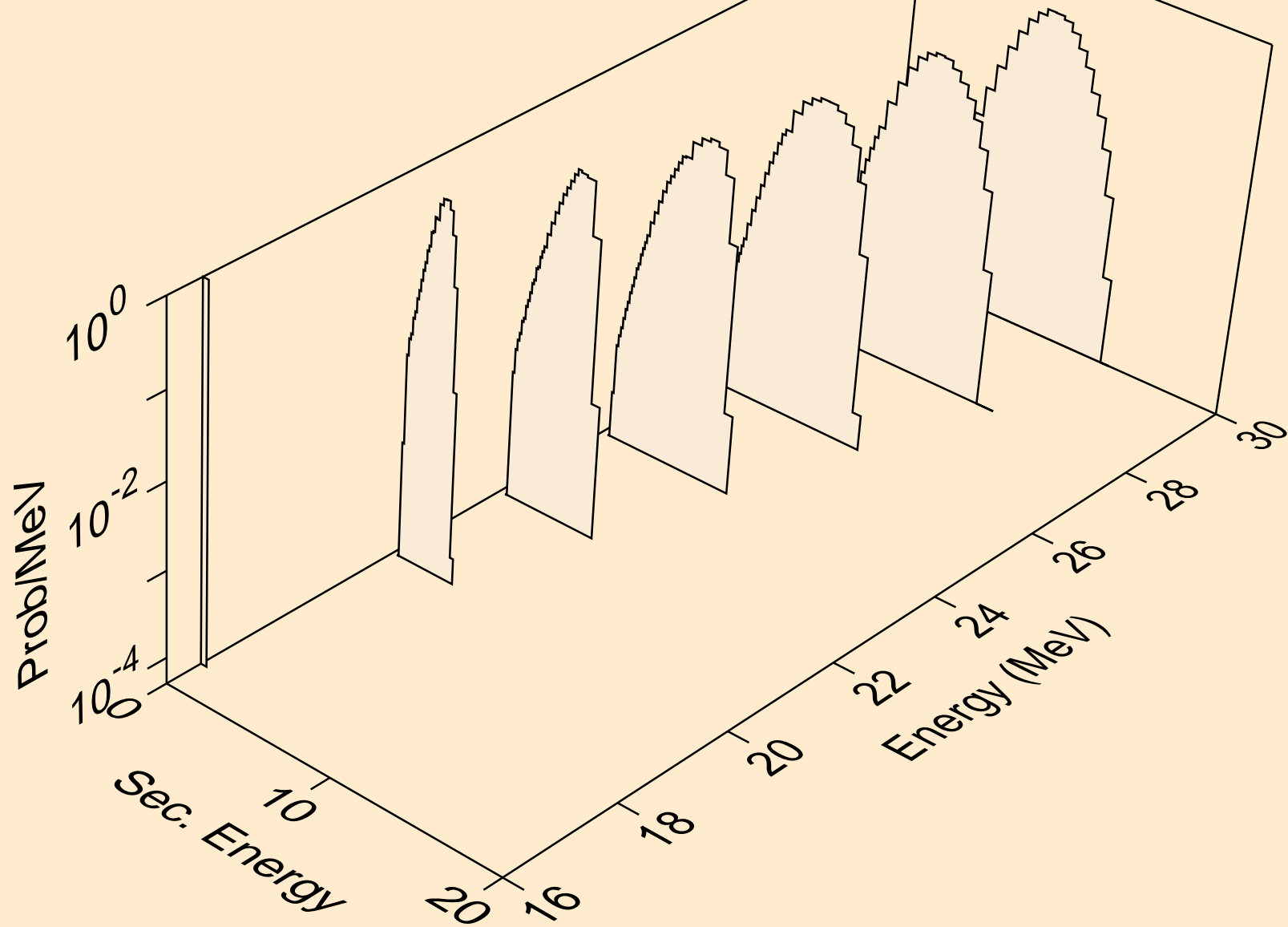
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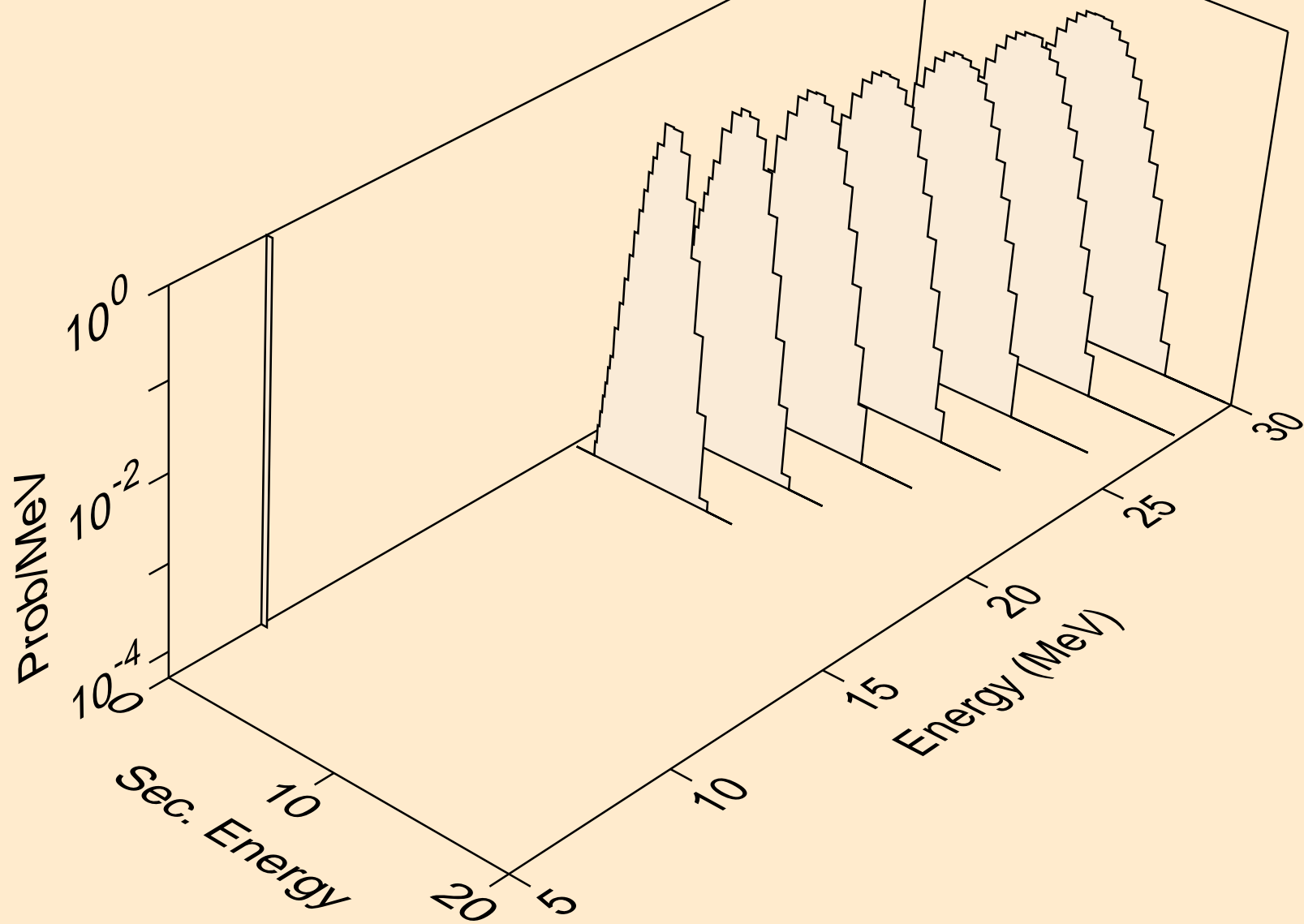
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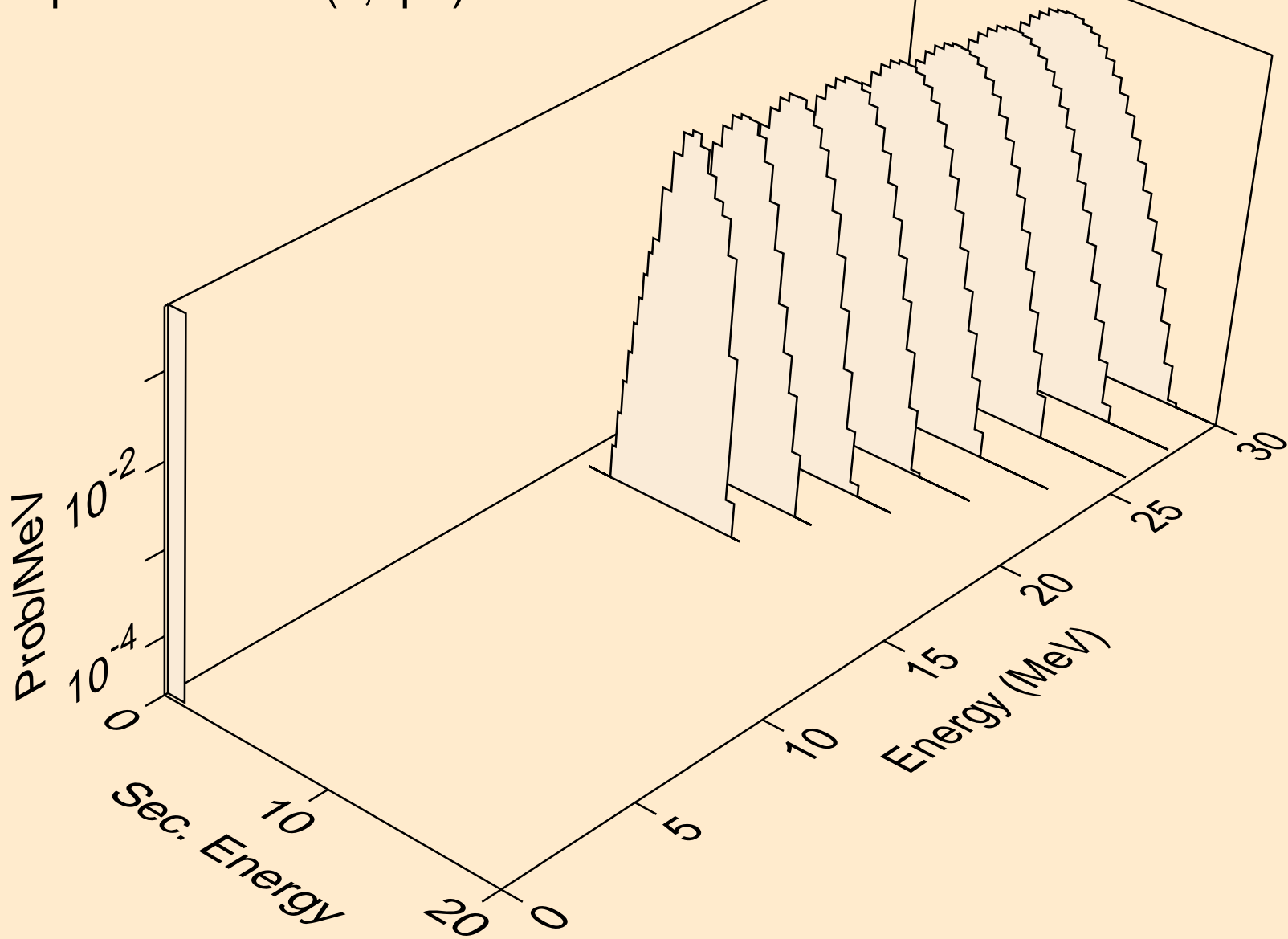
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protons from (s,3np)



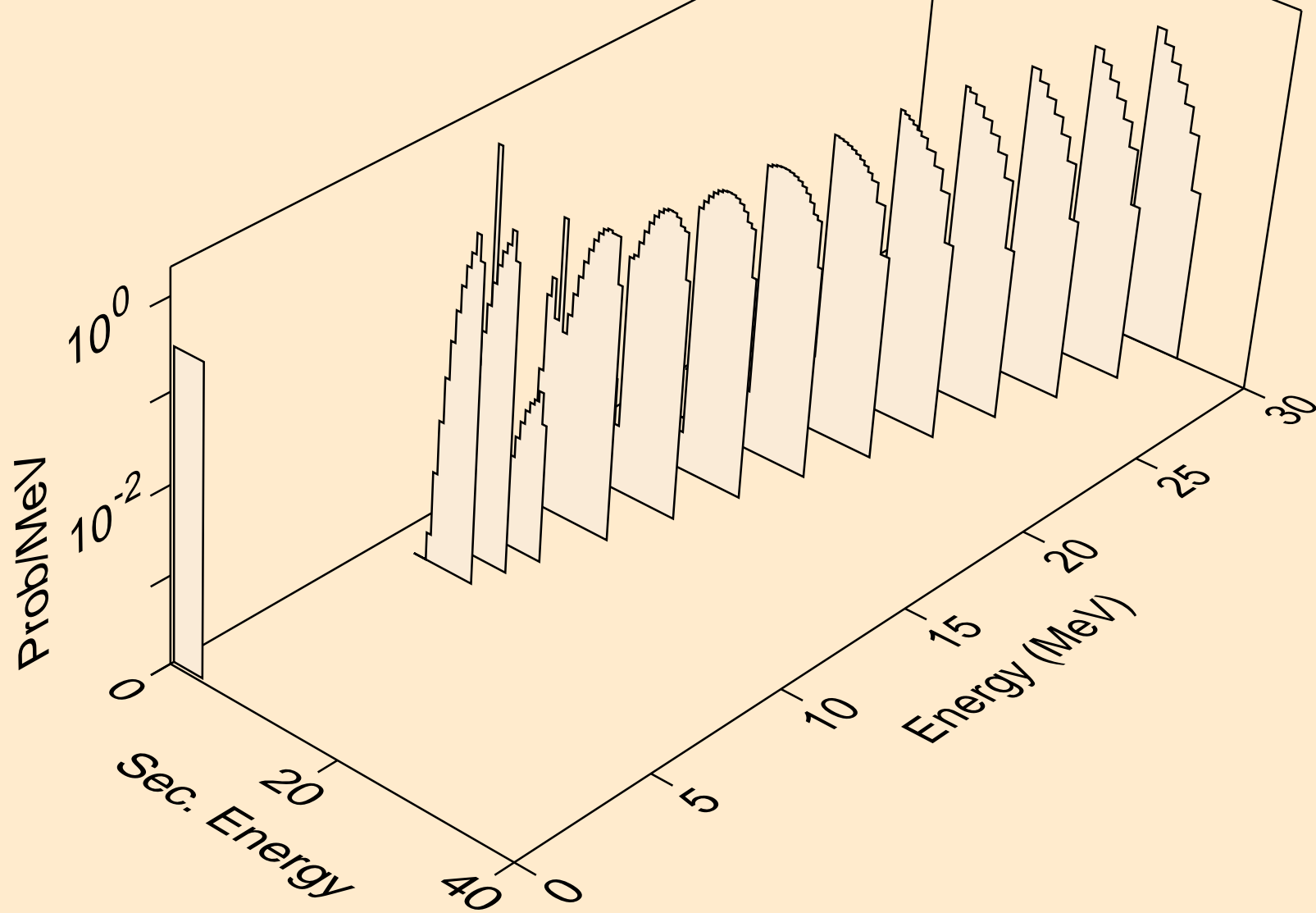
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protons from (s,n2p)



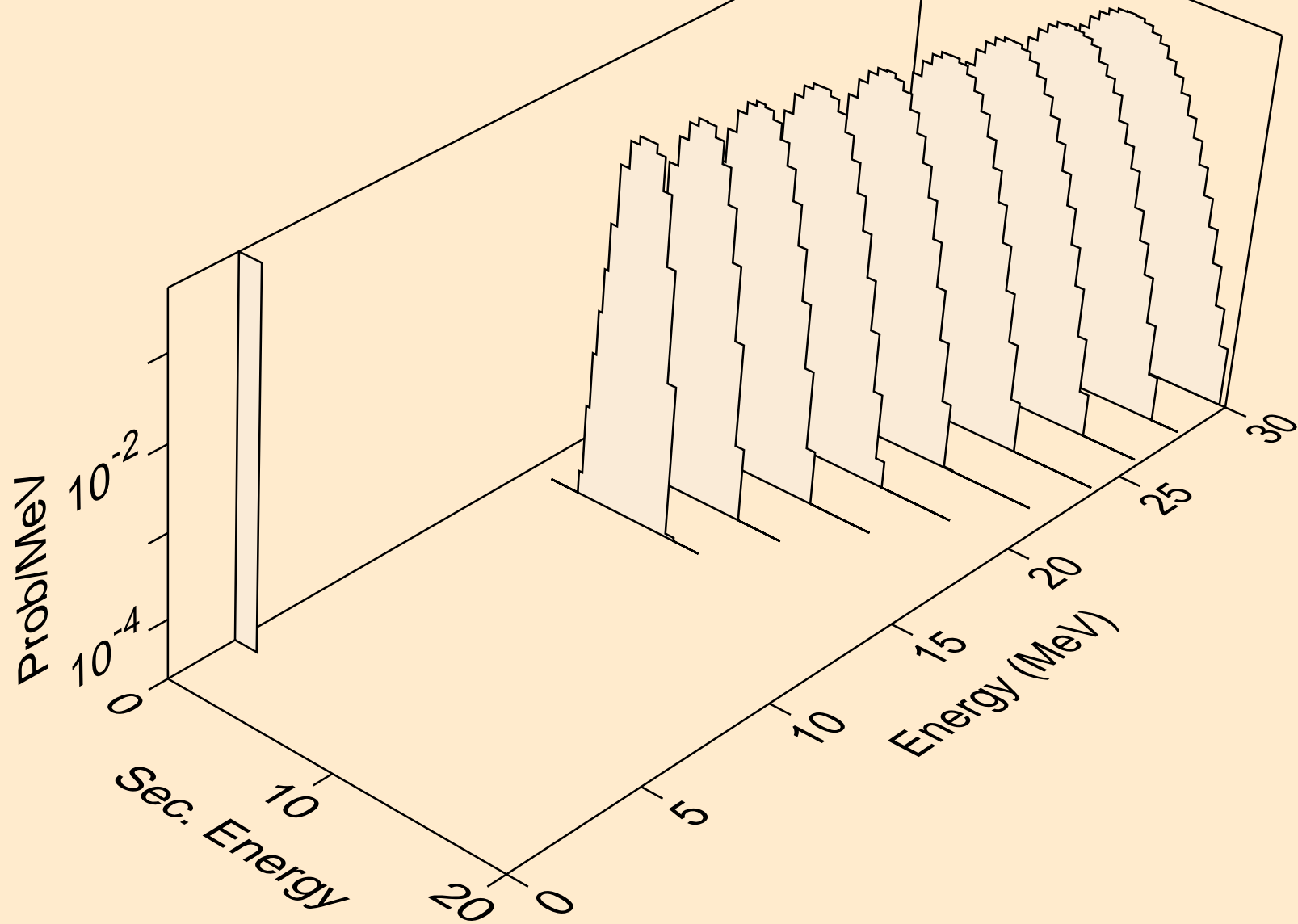
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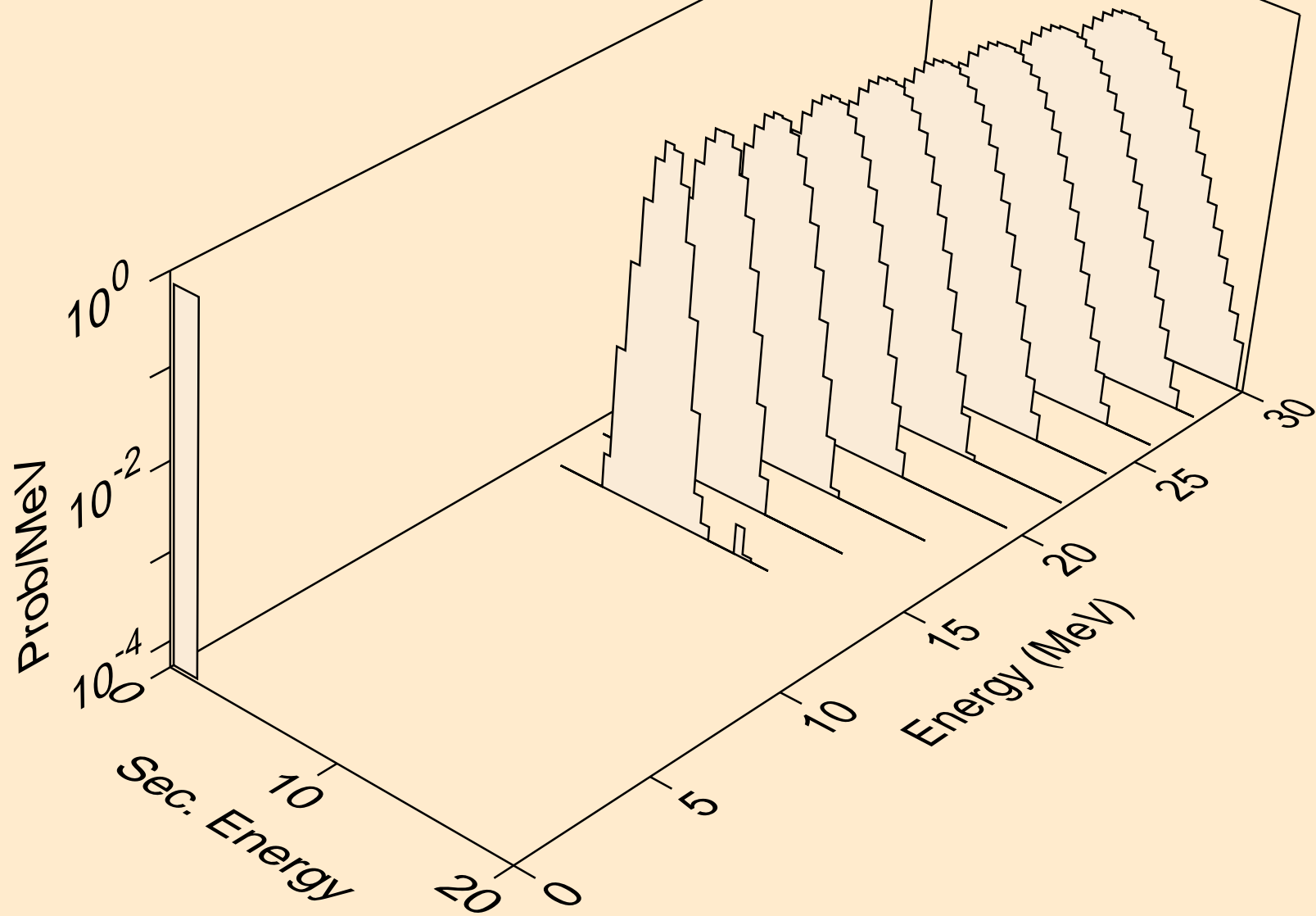
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protons from (s,p)



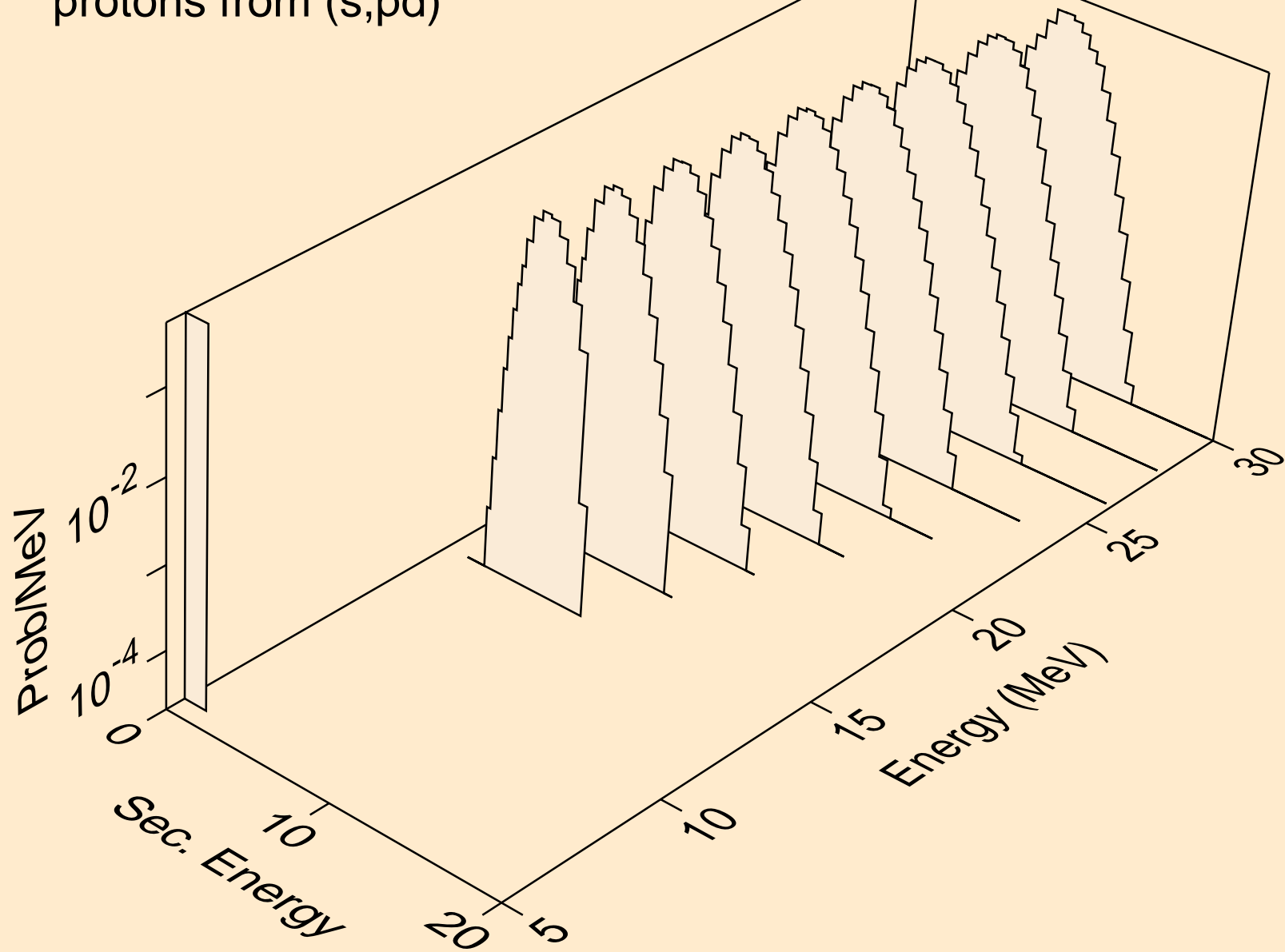
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protons from (s,2p)



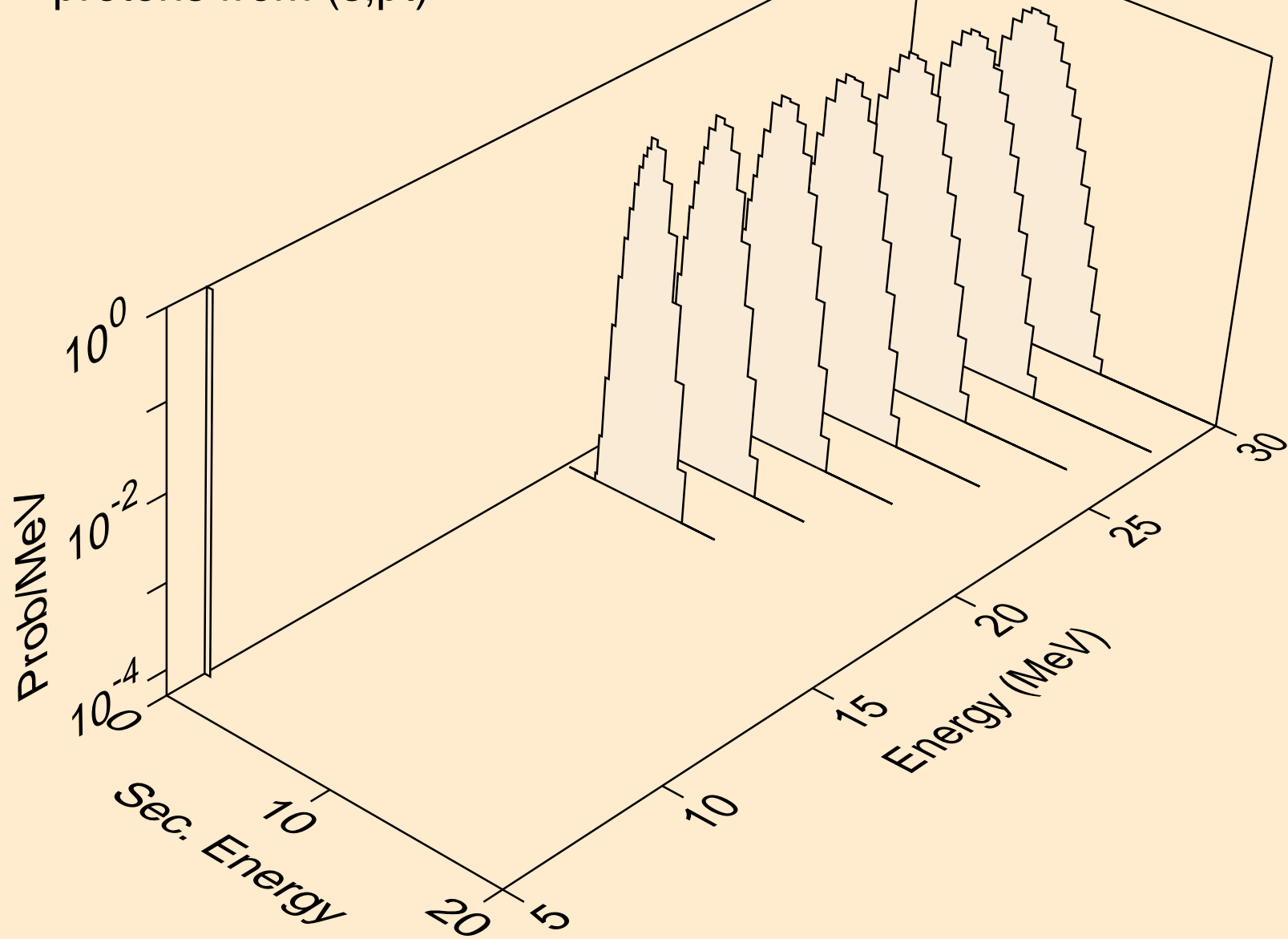
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protons from (s,pa)



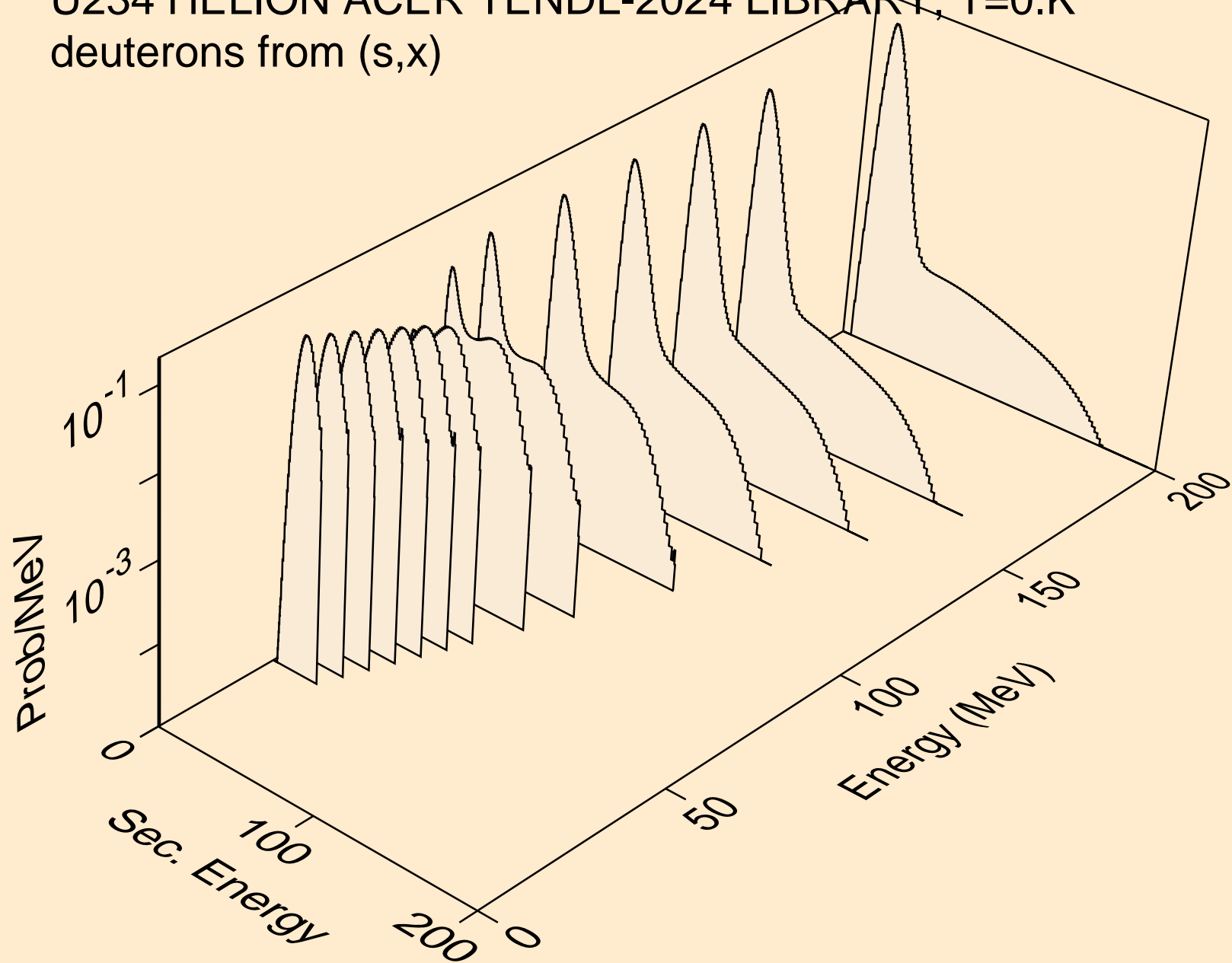
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protons from (s,pd)



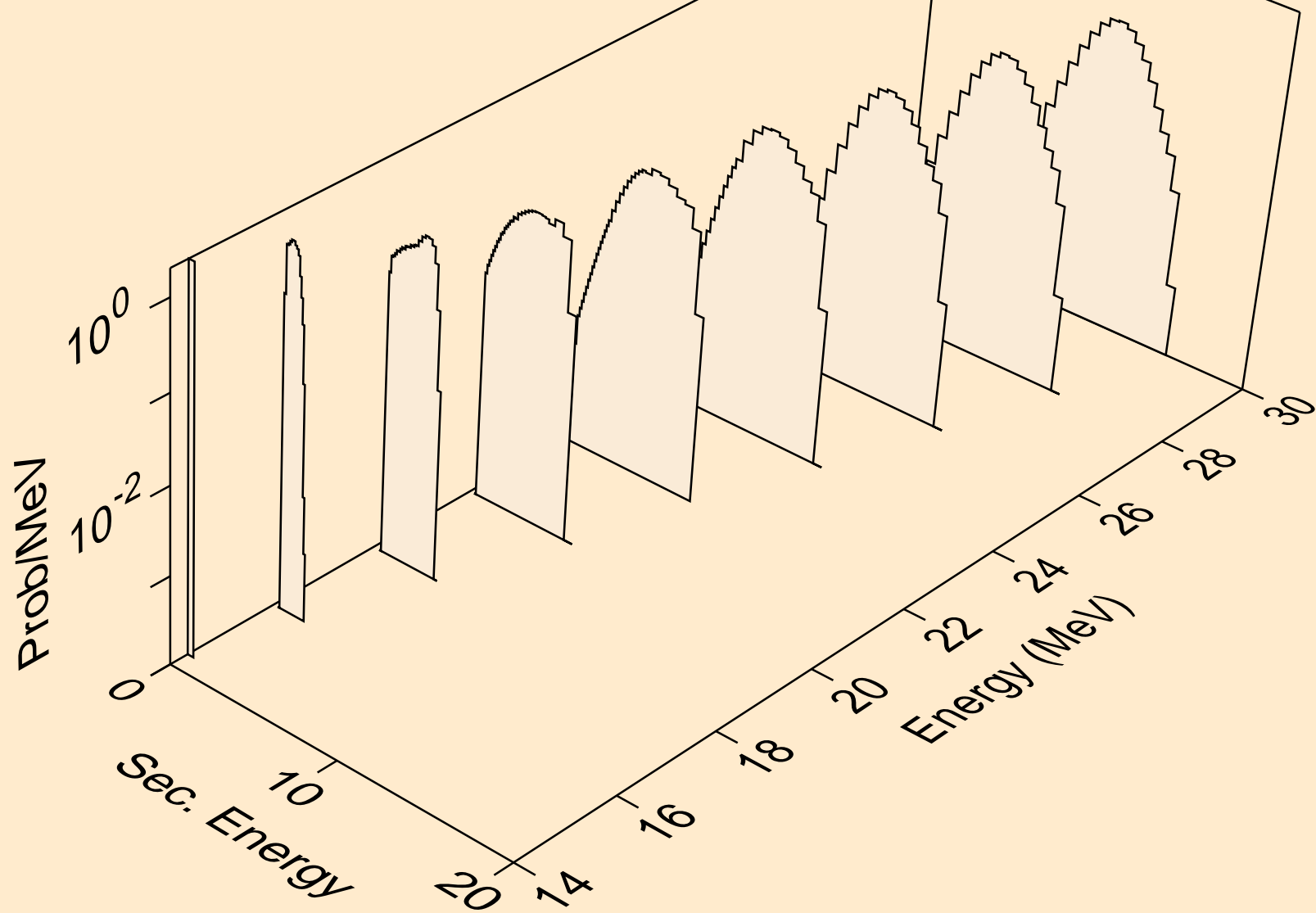
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protons from (s,pt)



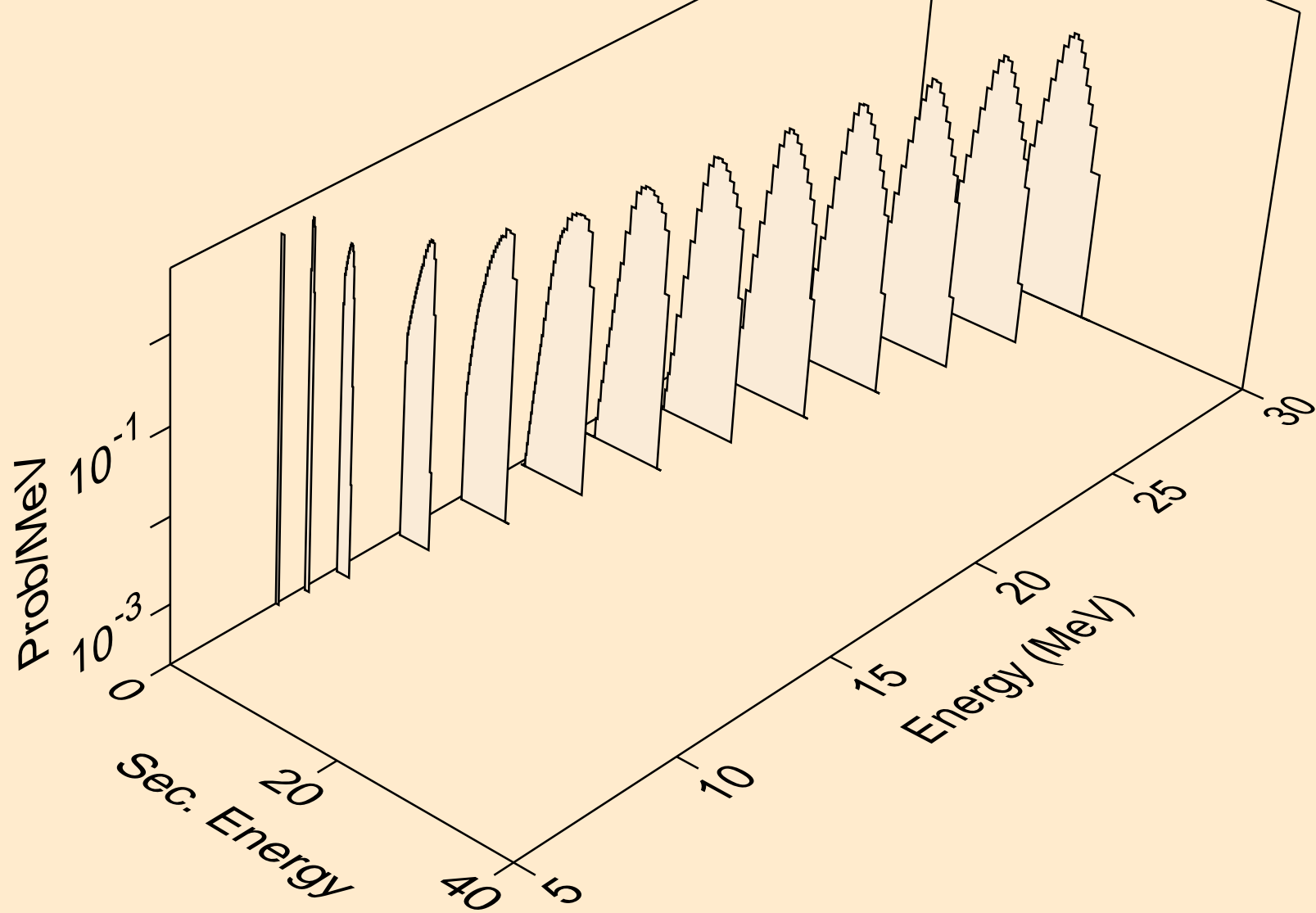
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deuterons from (s,x)



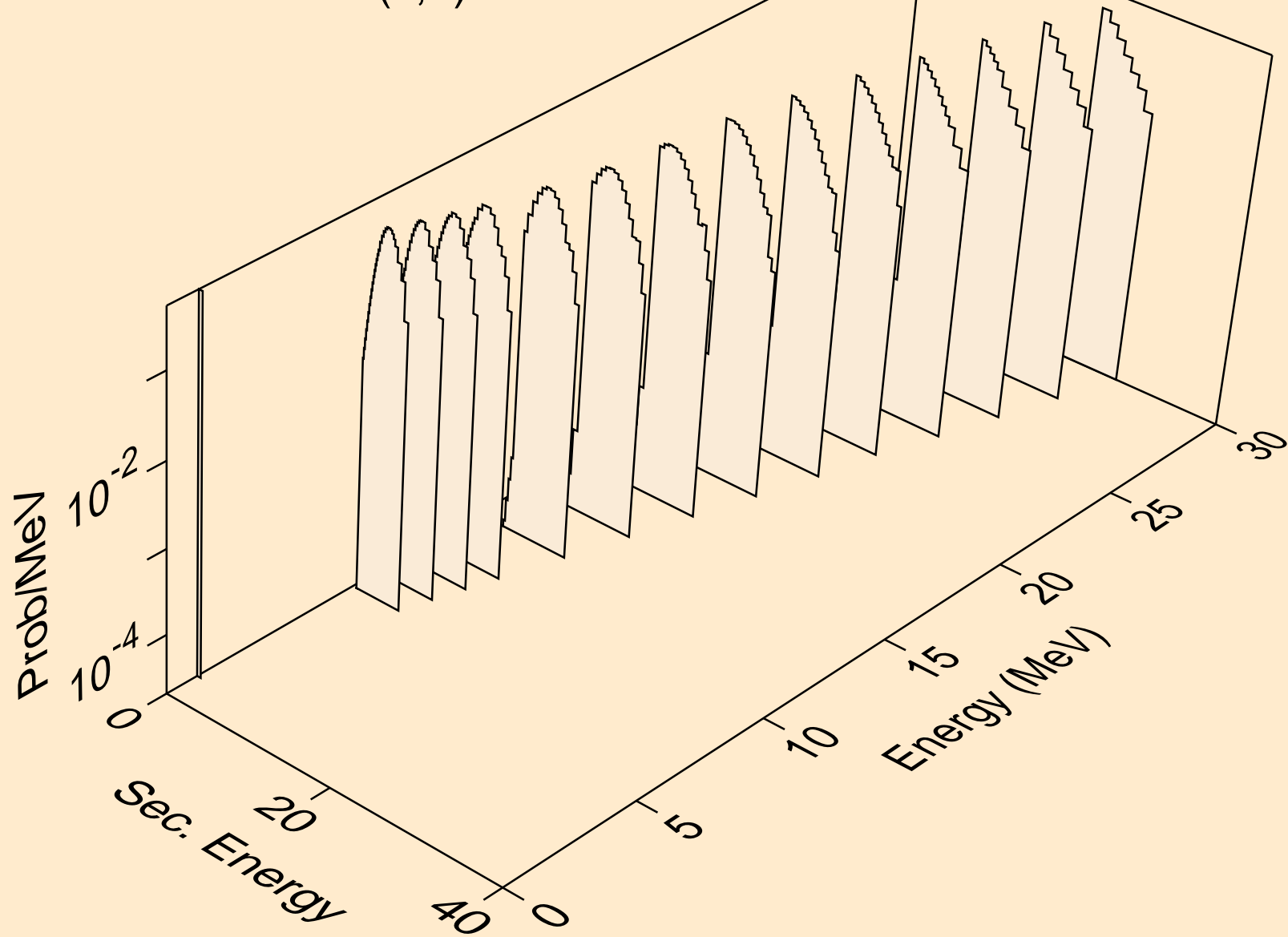
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deuterons from (s,2nd)



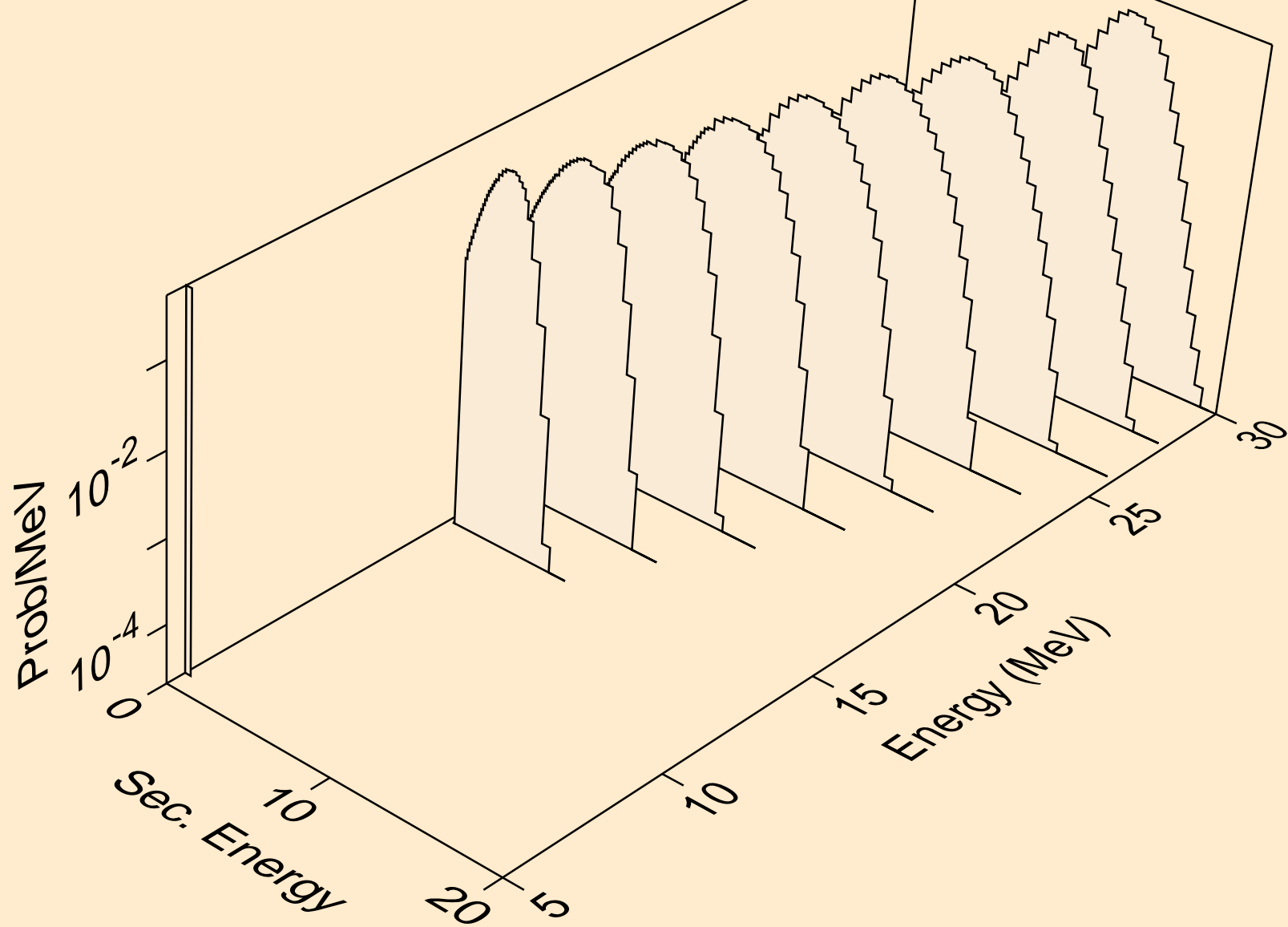
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deuterons from (s,n\*)d



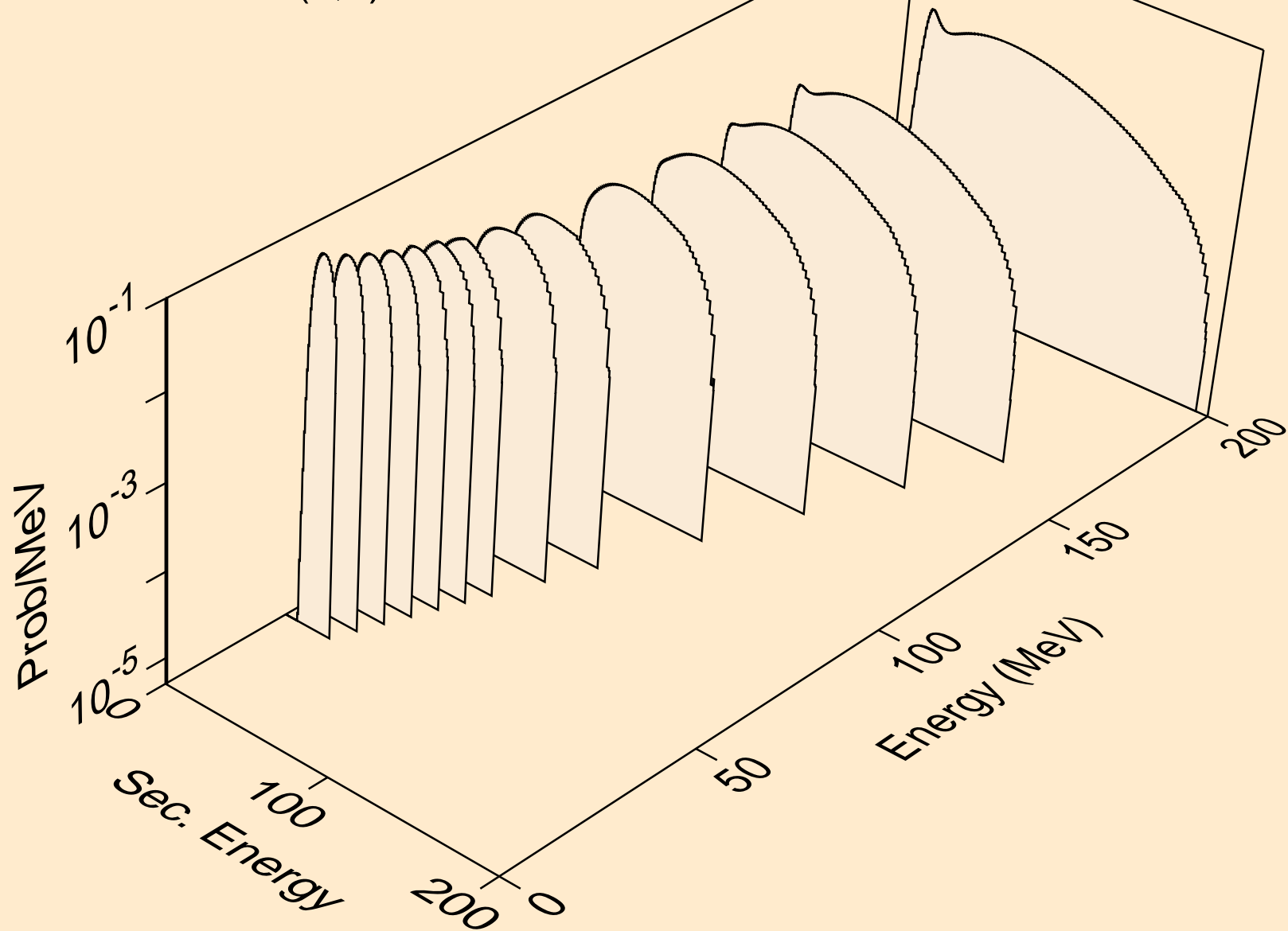
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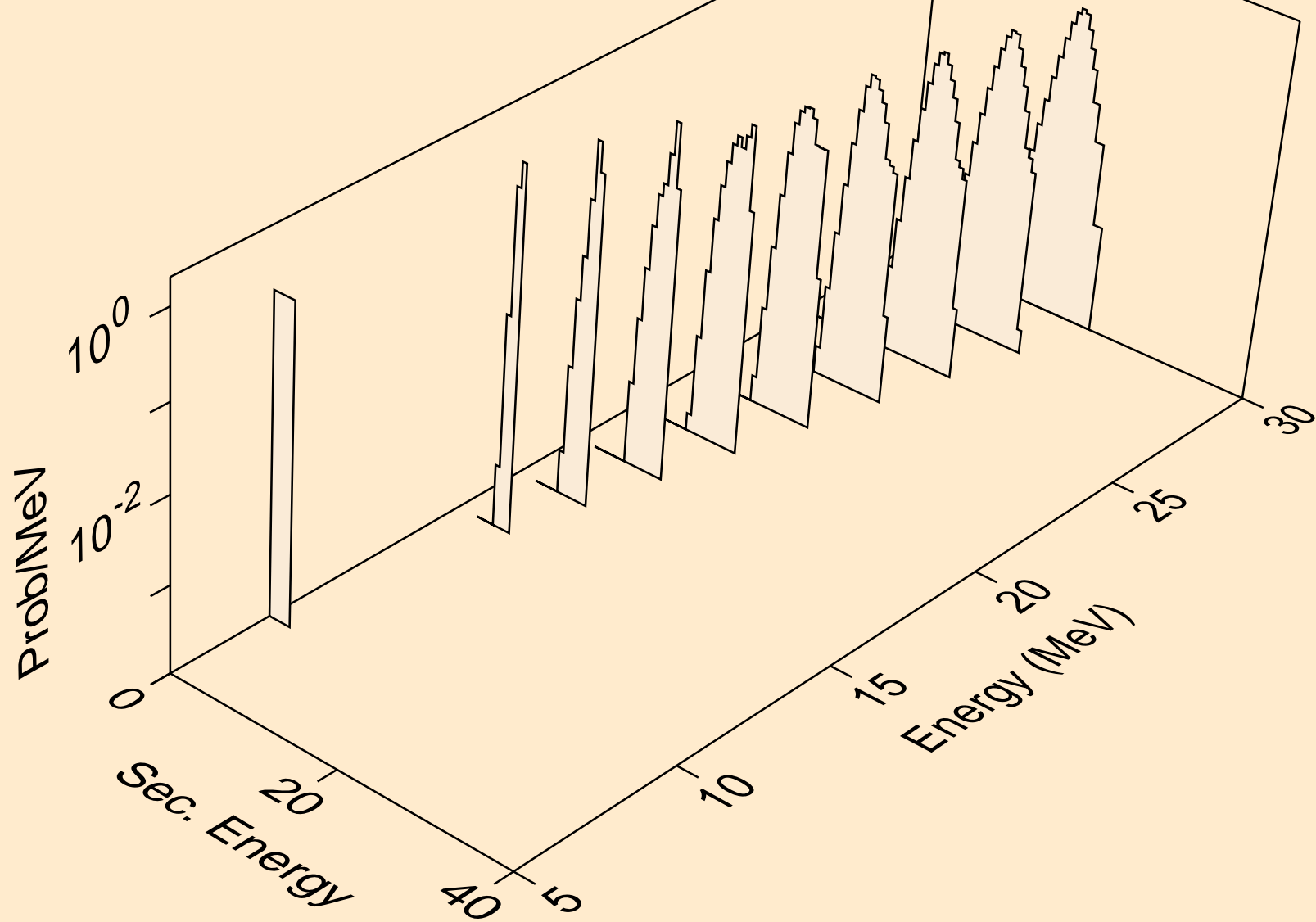
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deuterons from (s,pd)



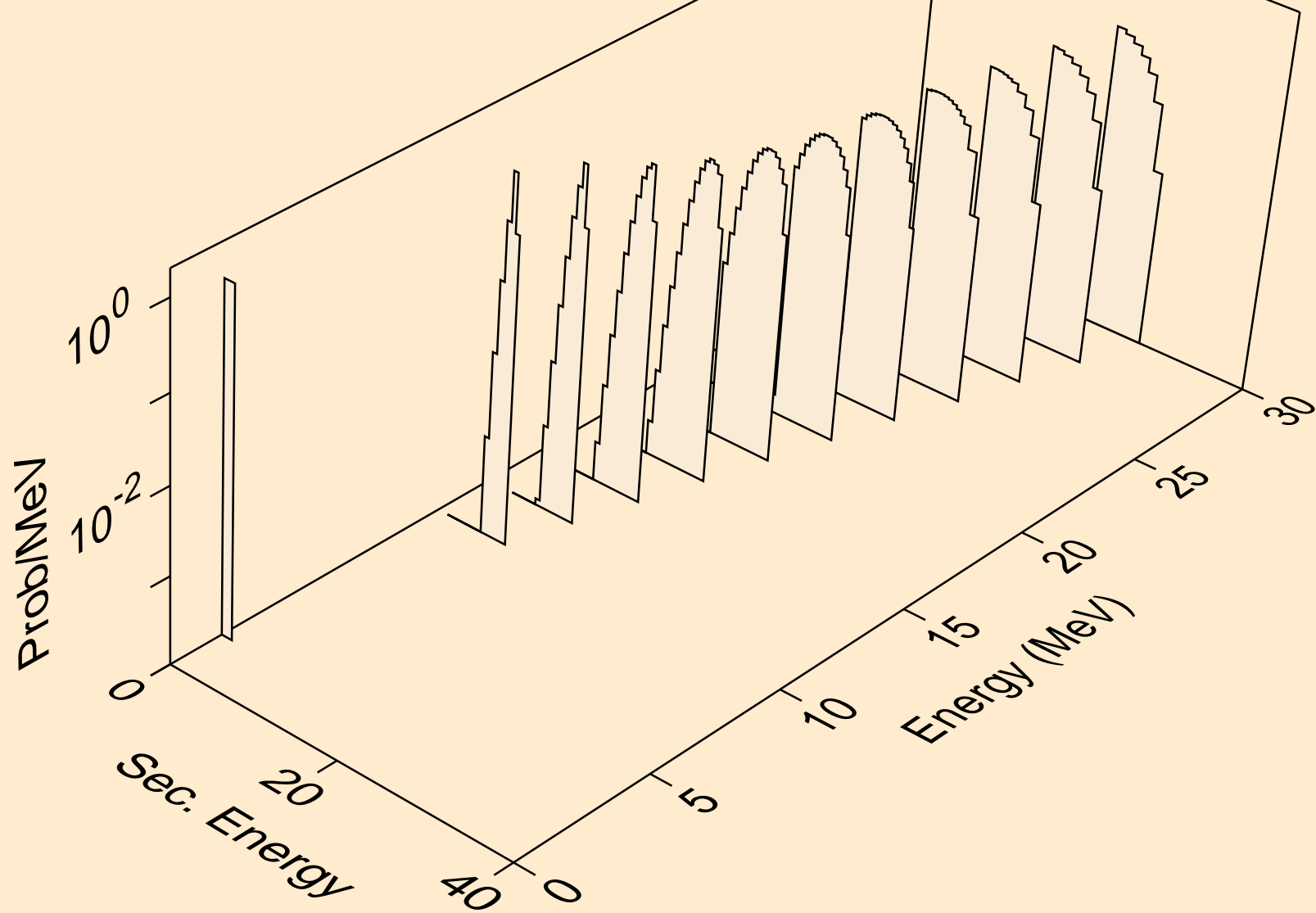
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



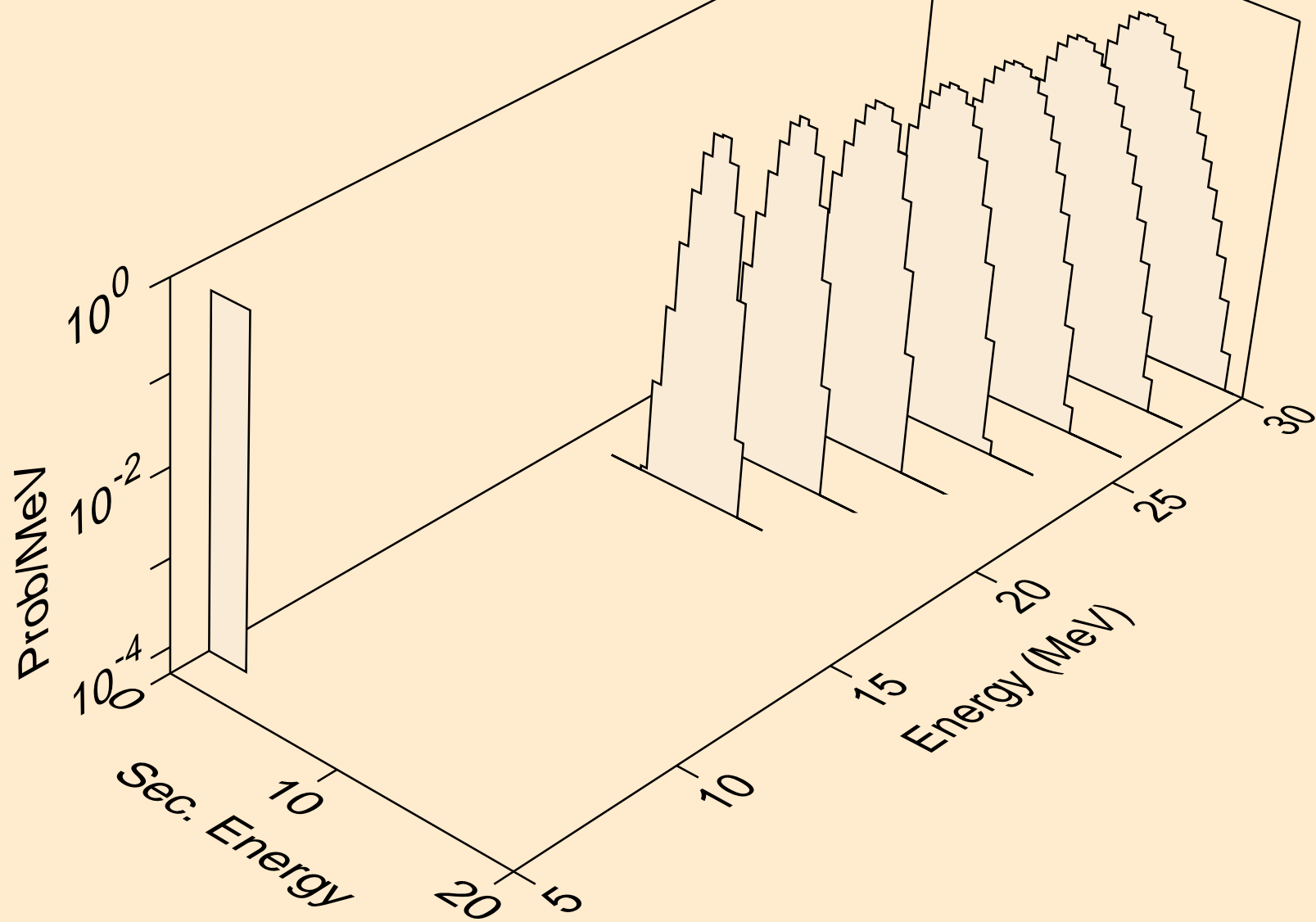
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tritons from (s,n\*)t



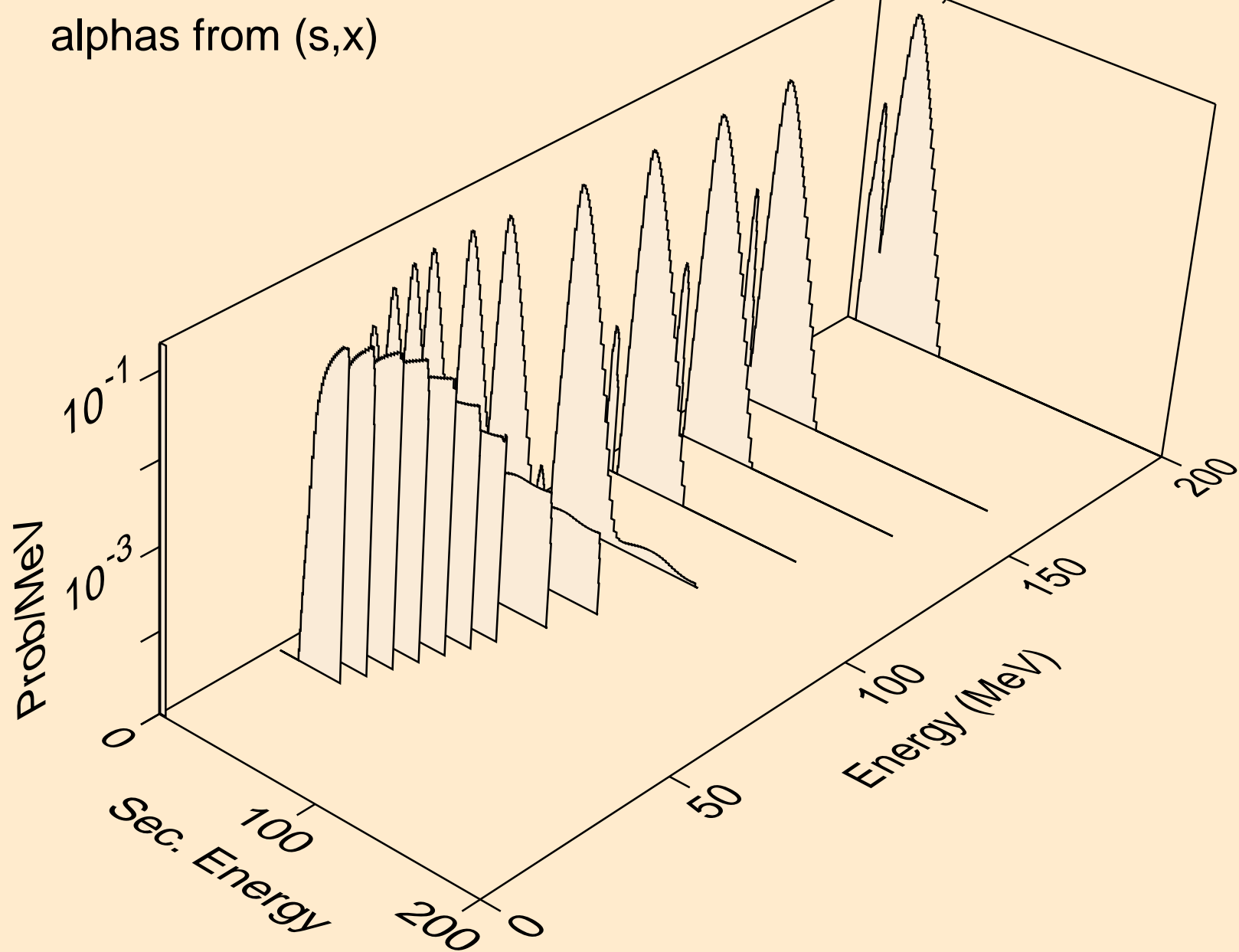
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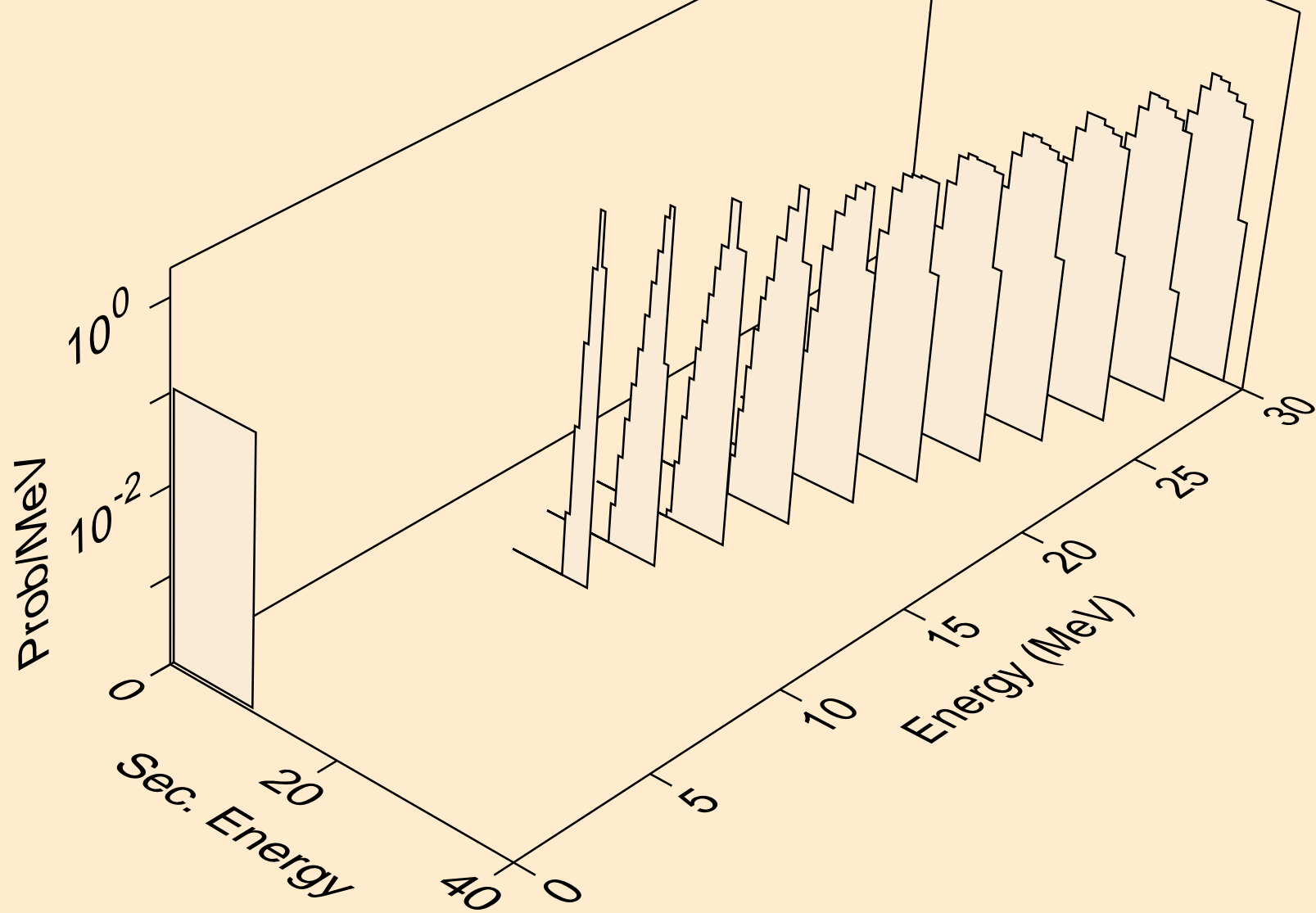
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tritons from (s,pt)



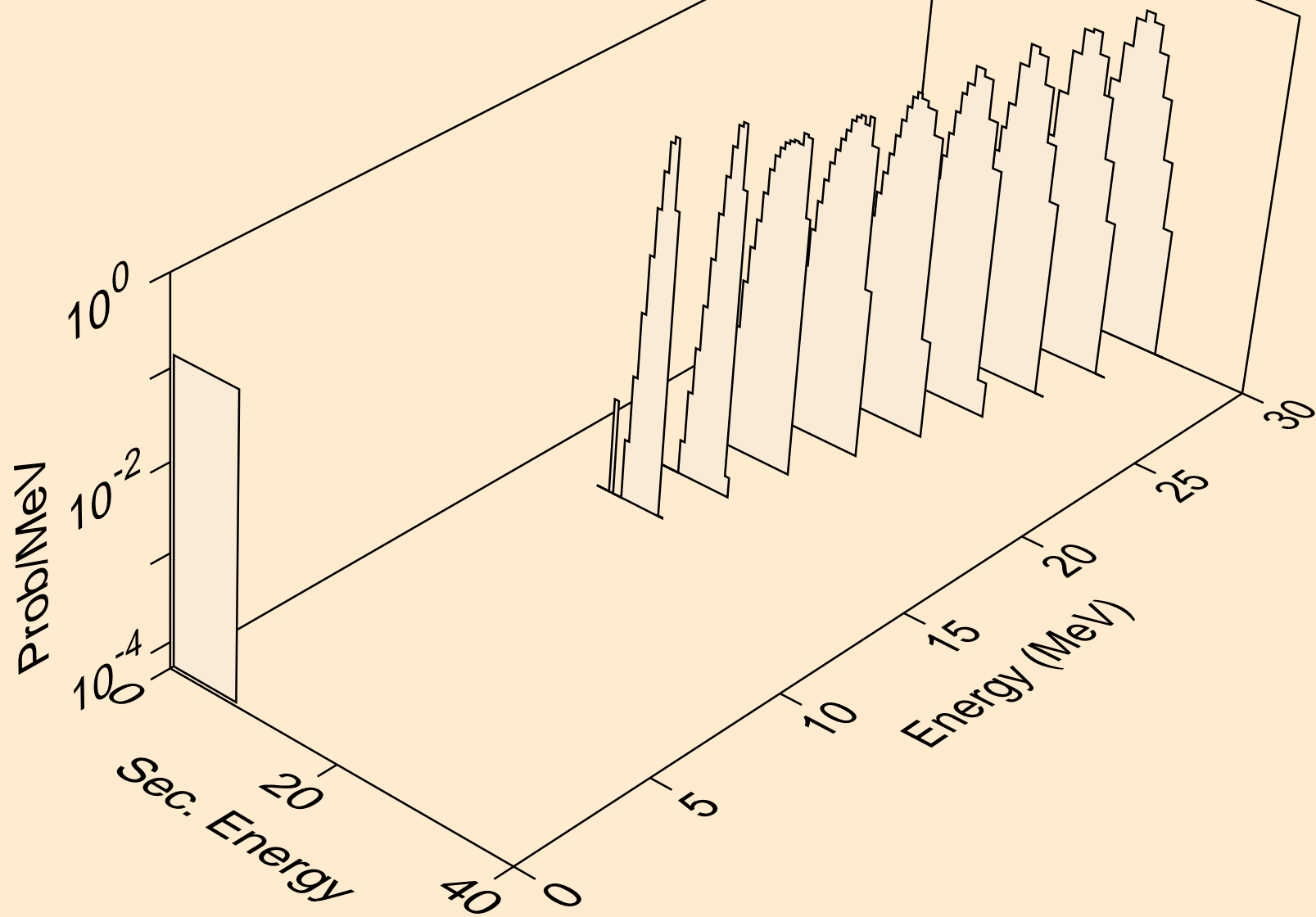
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



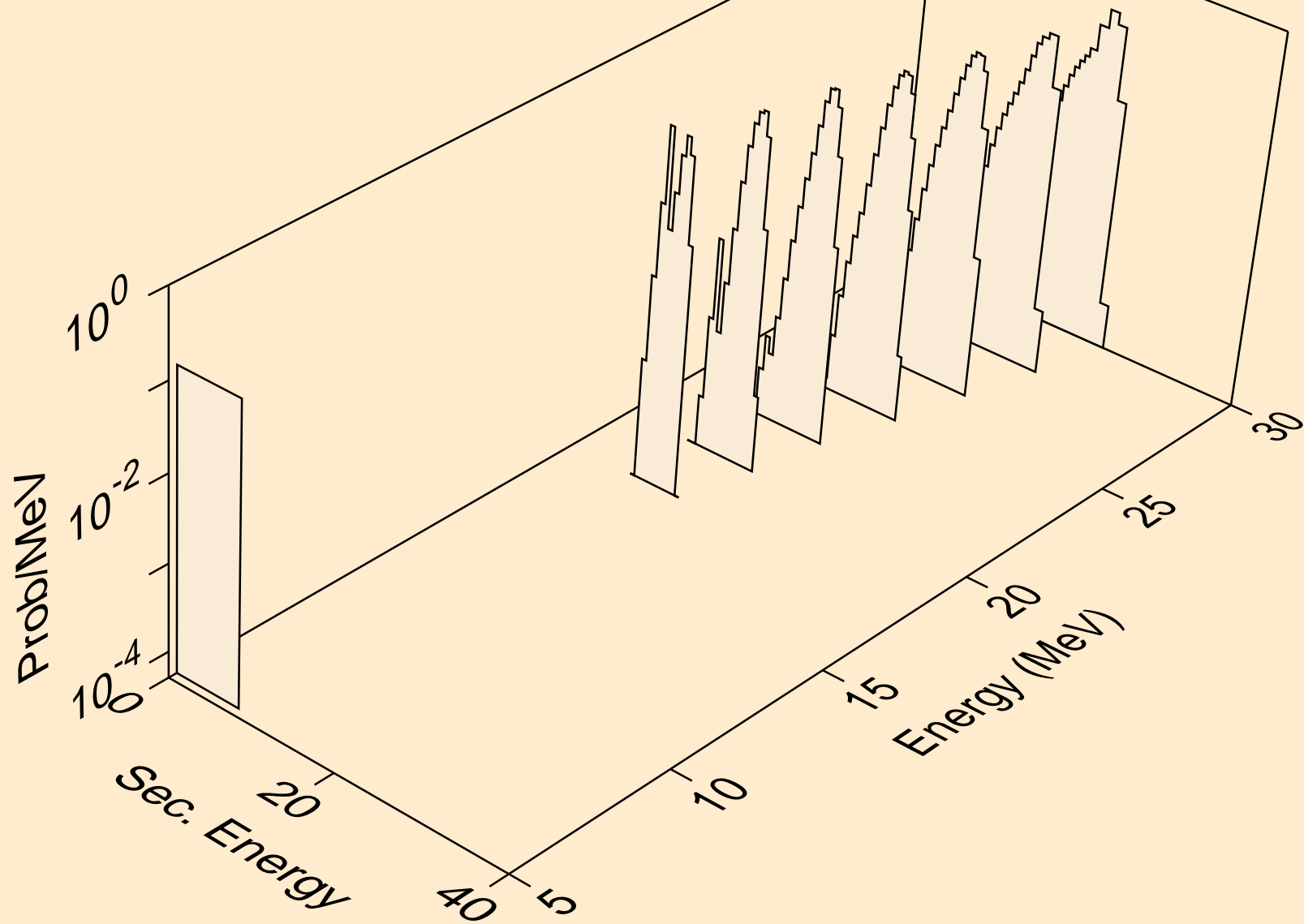
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



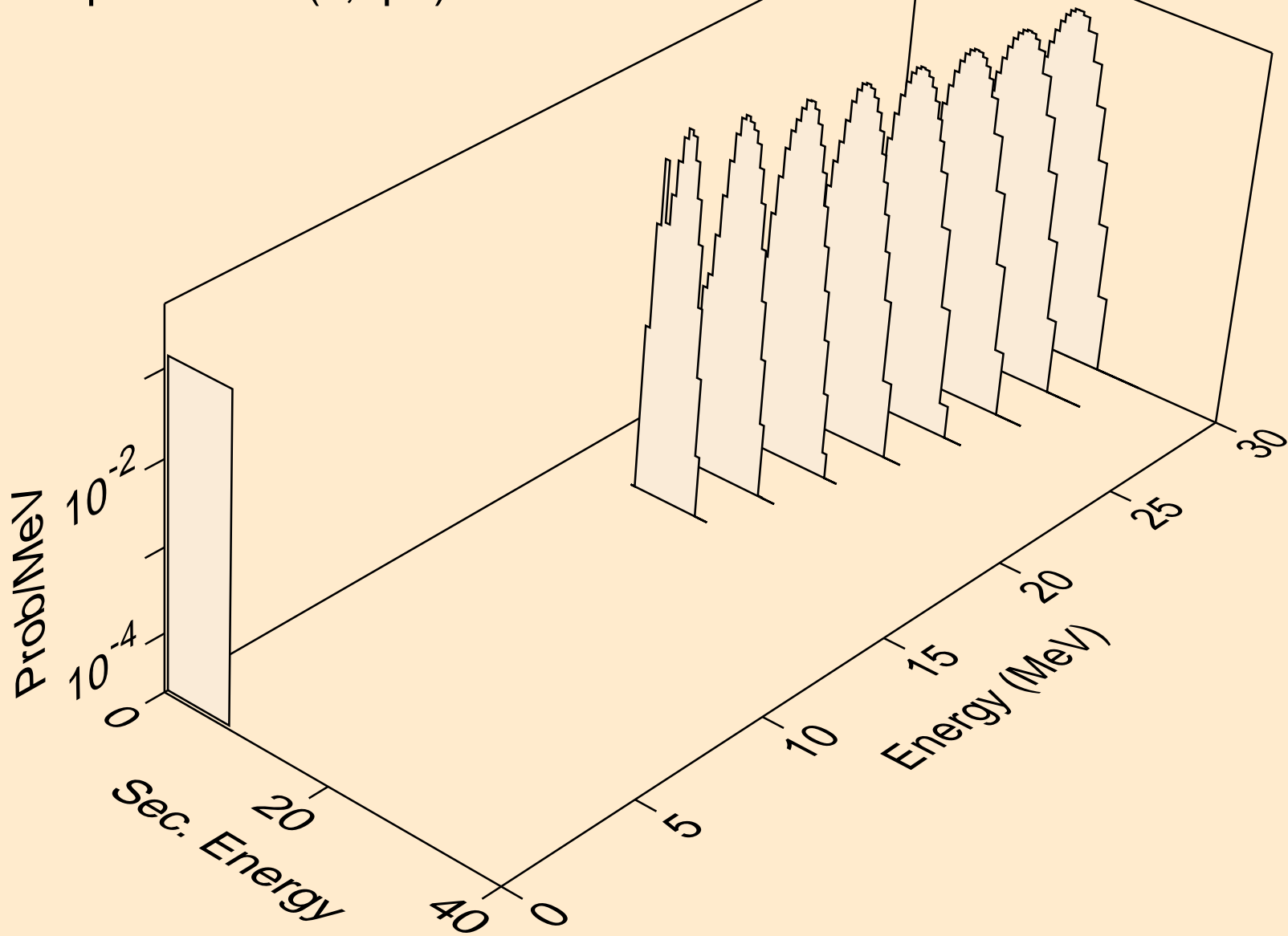
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



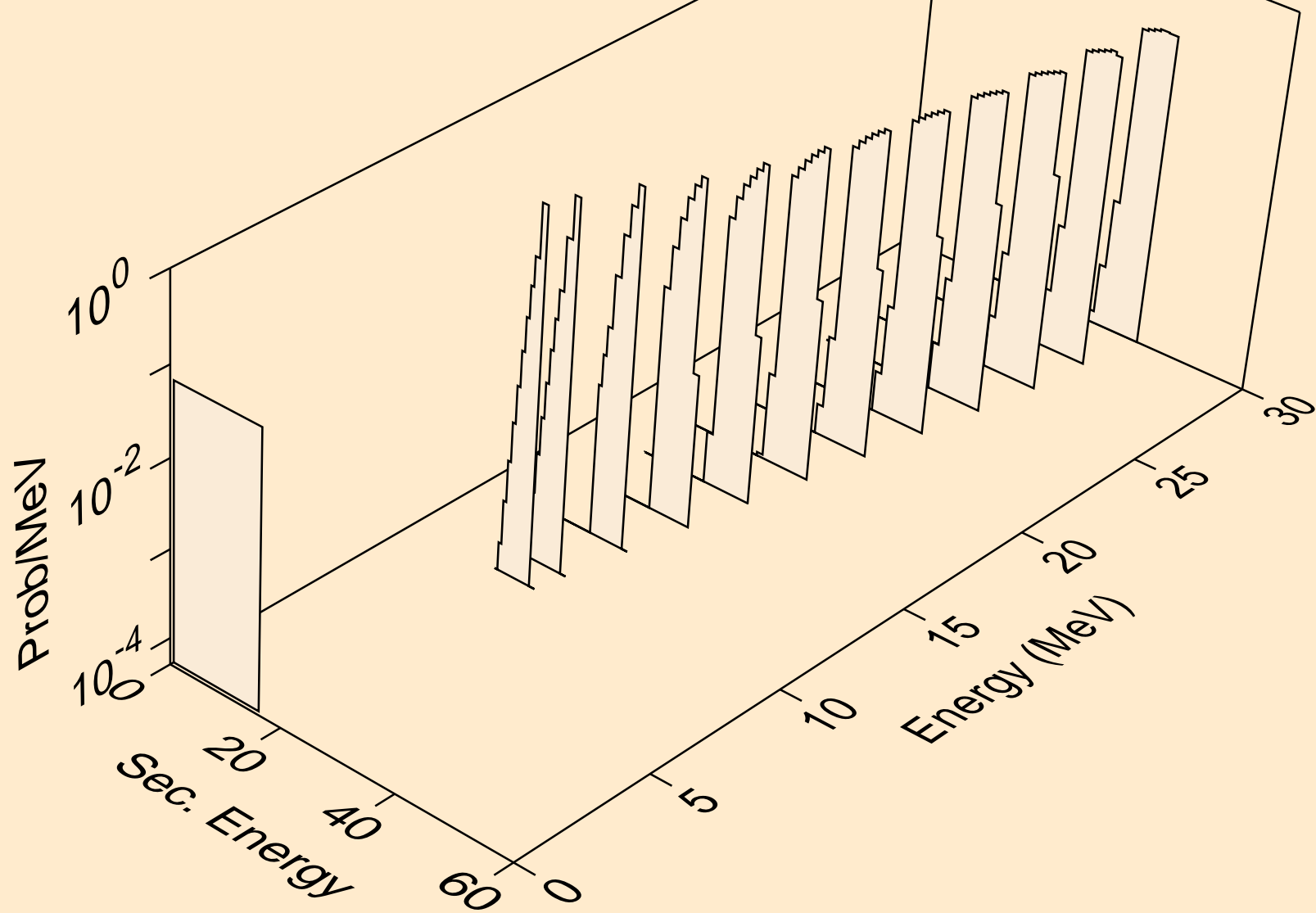
U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)



U234 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)

