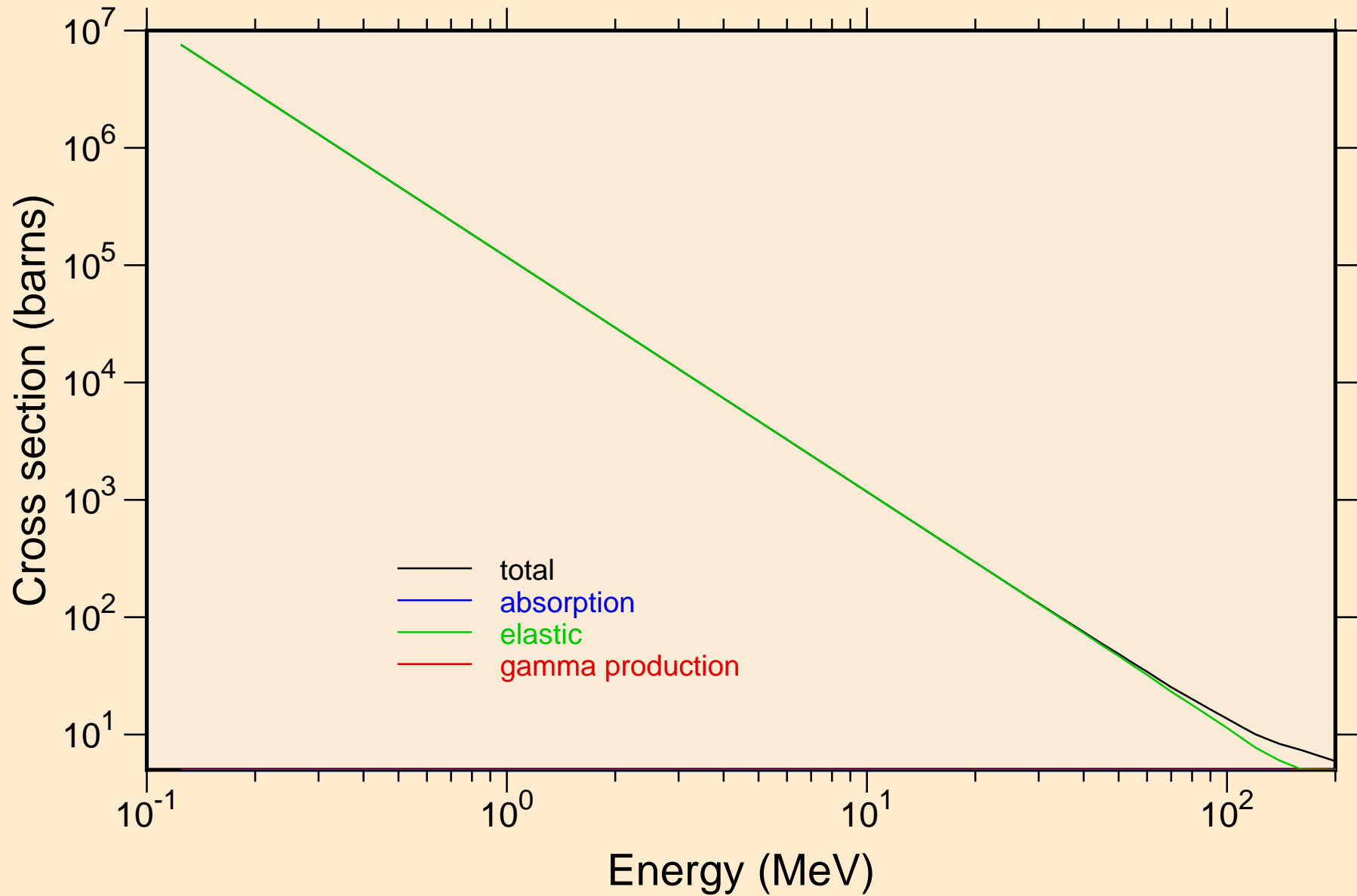


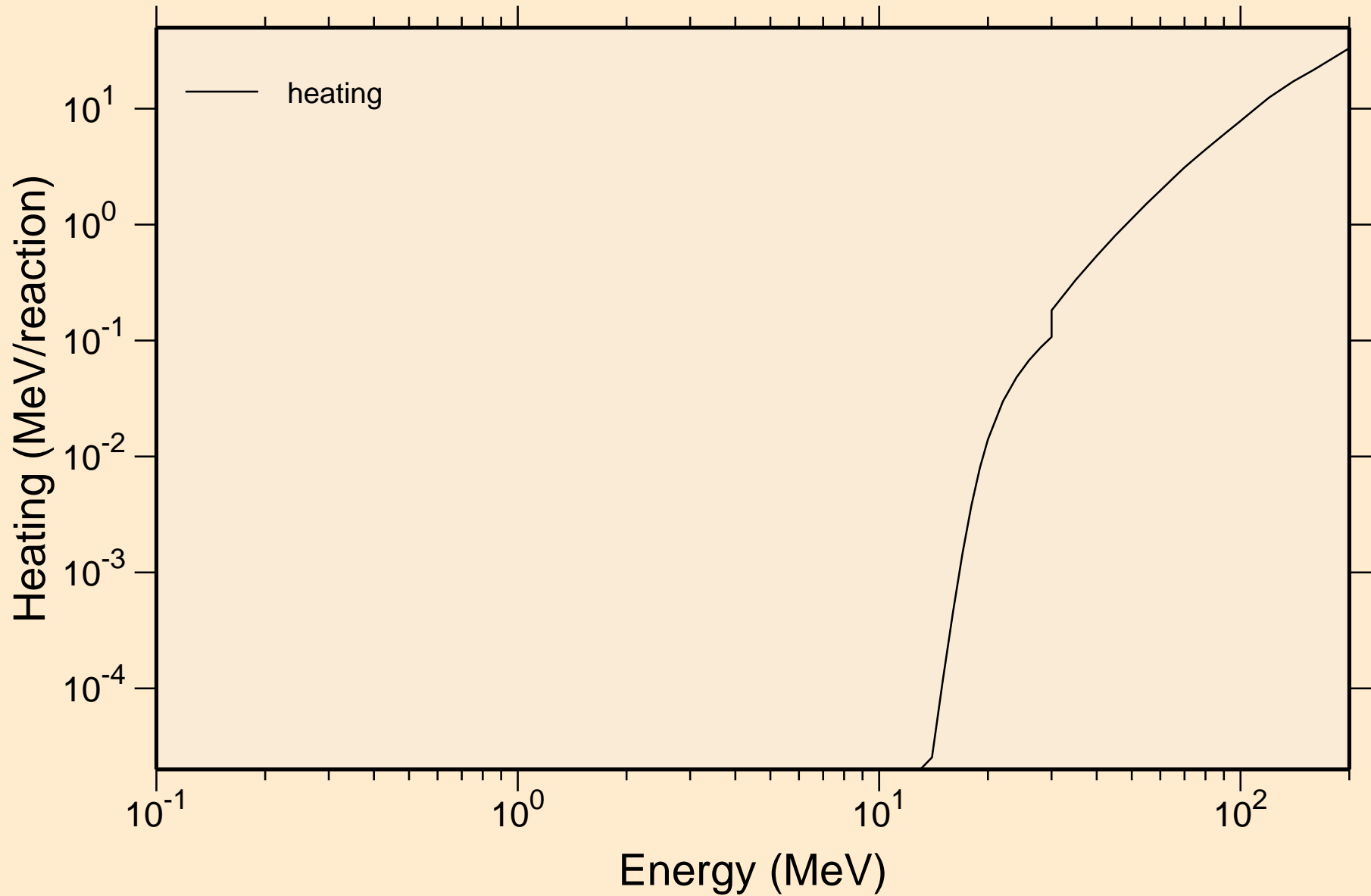
# ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



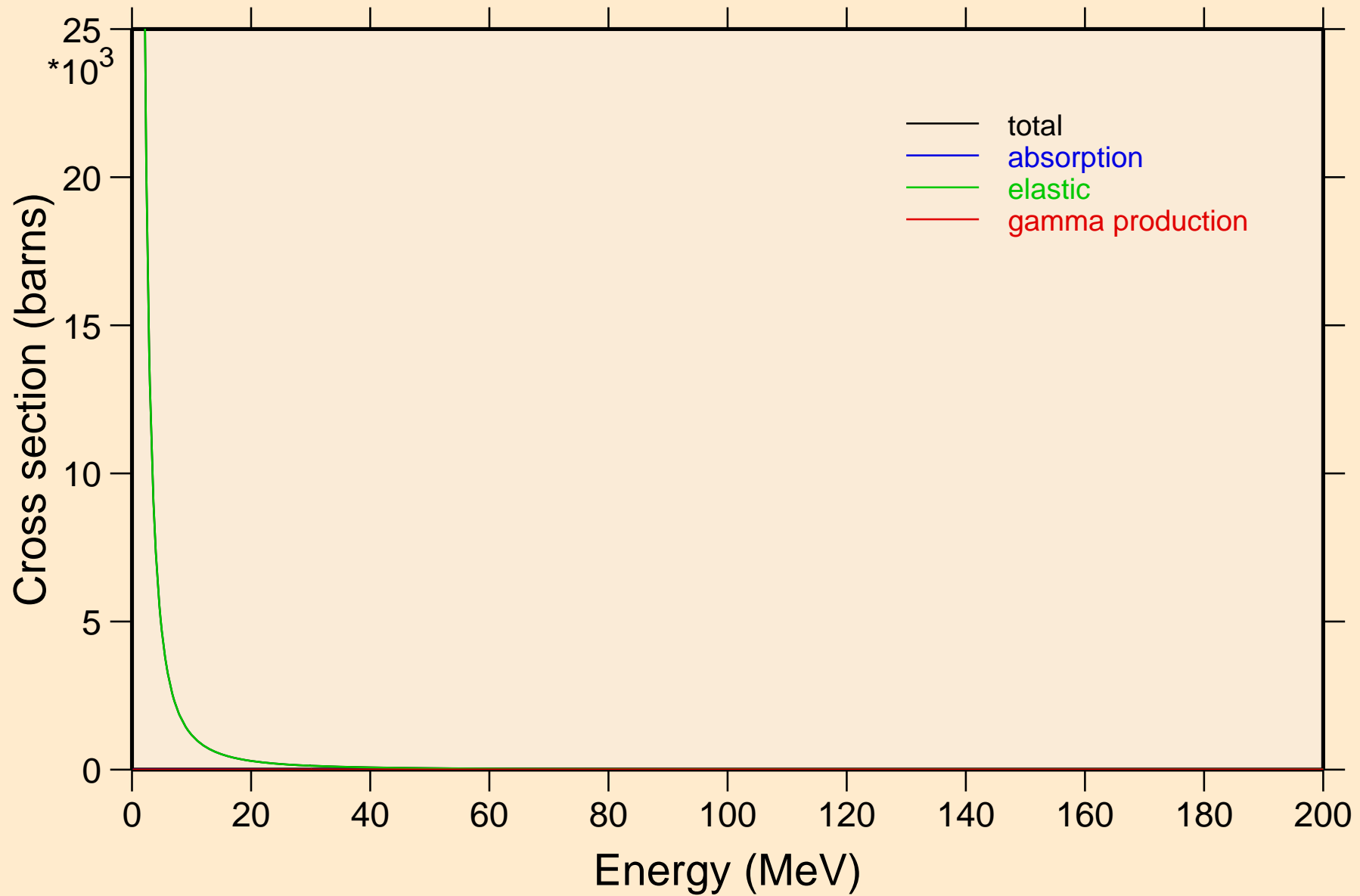
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



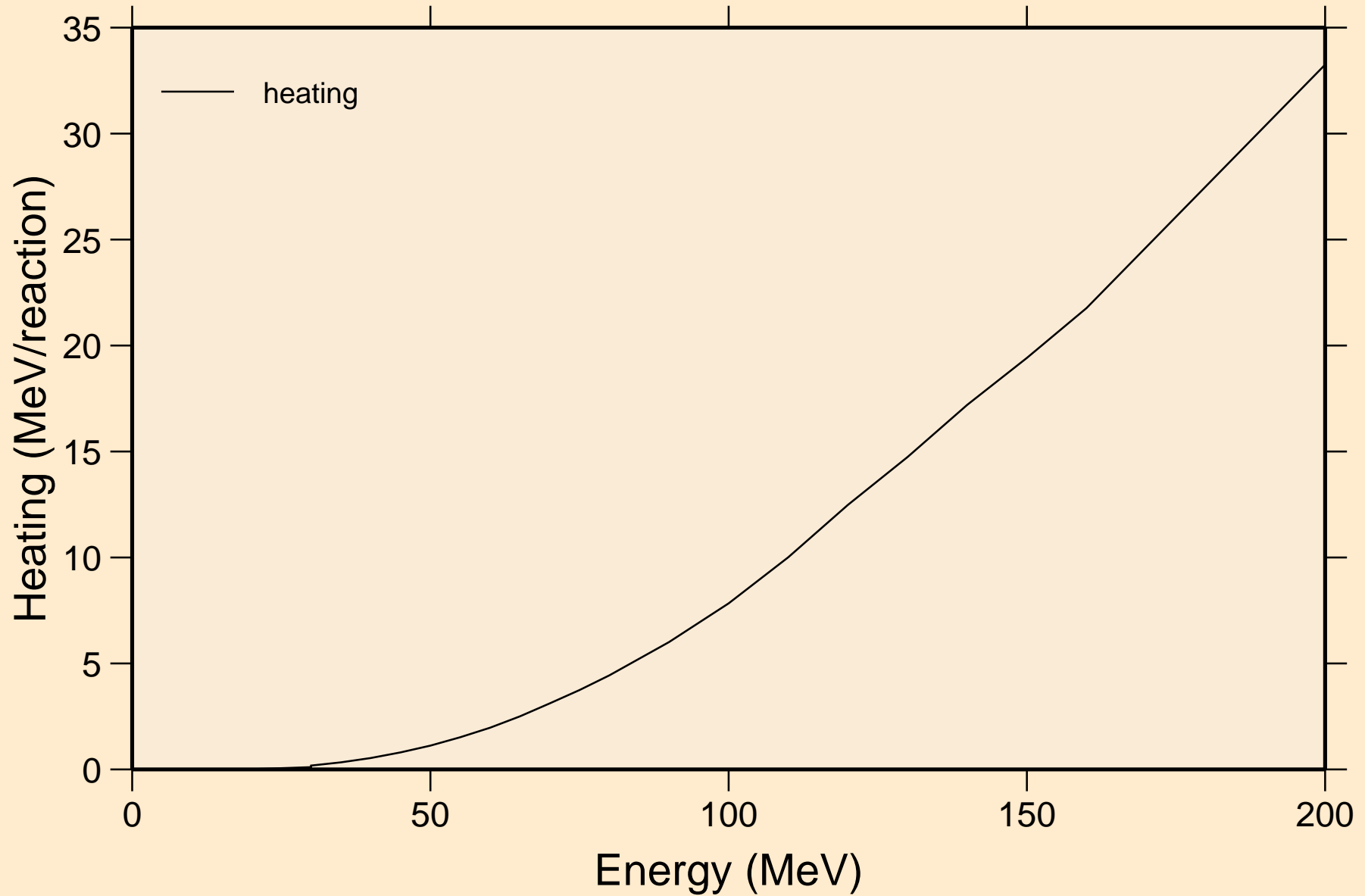
# ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

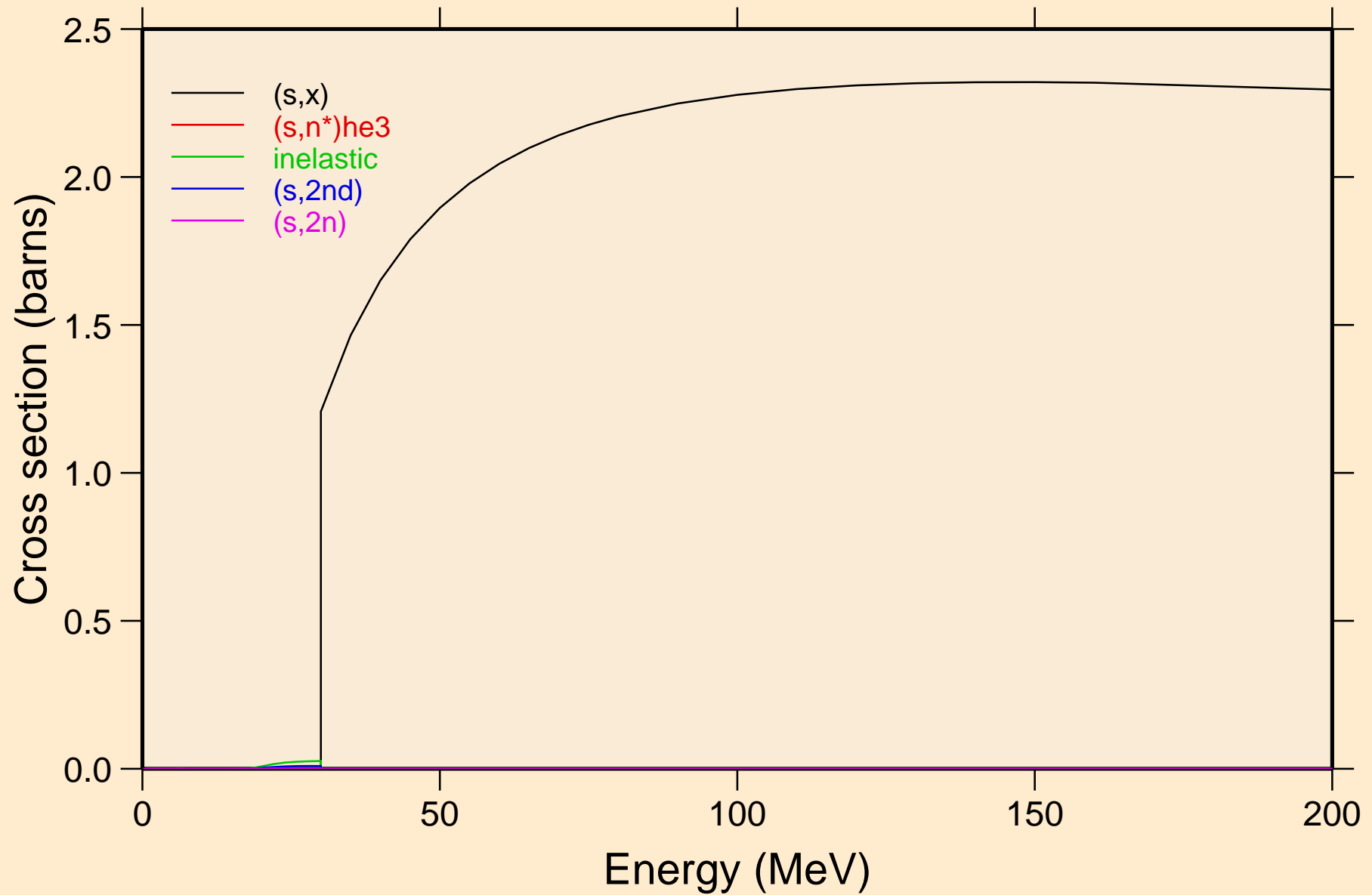


ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K

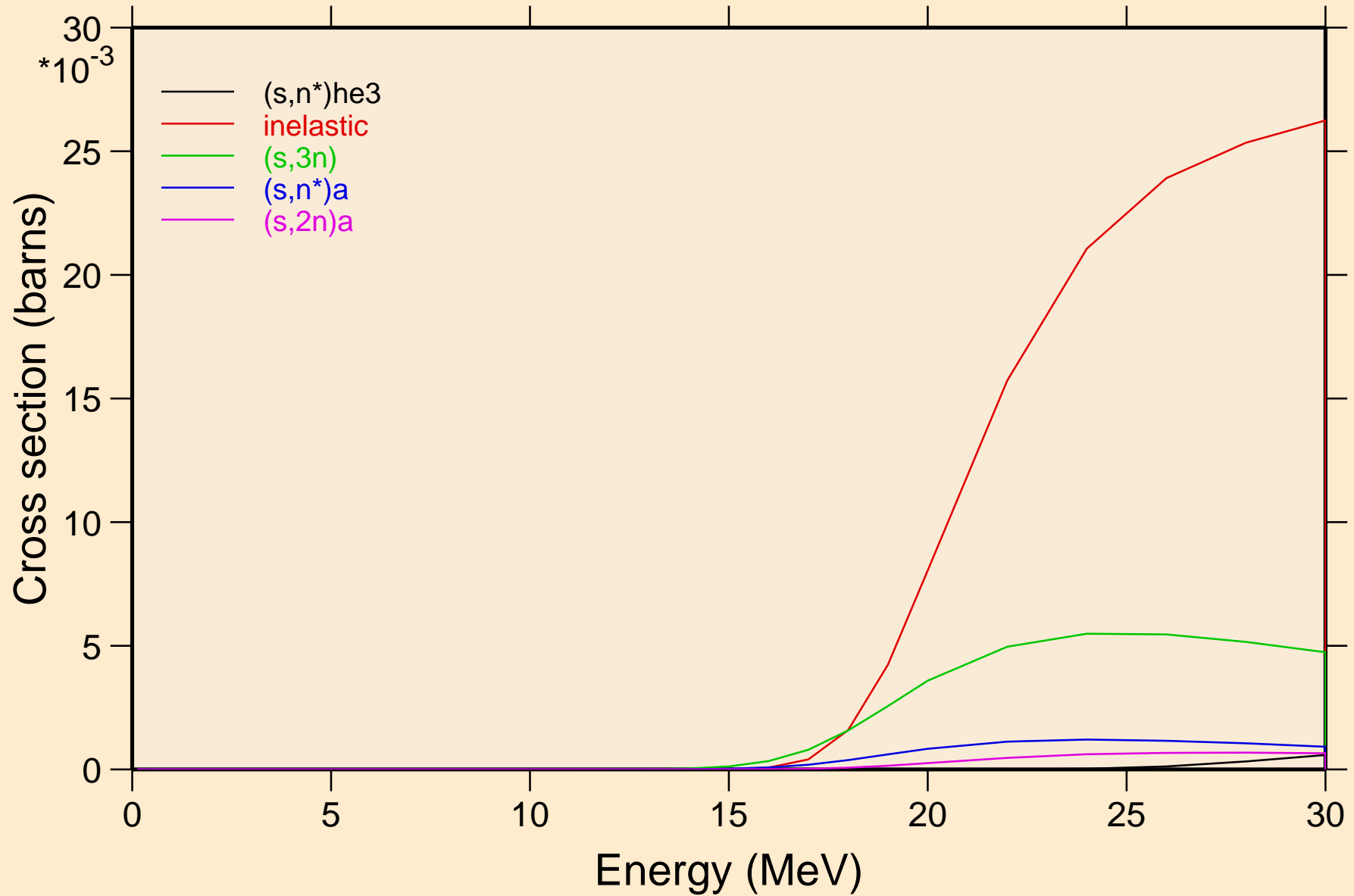
Heating



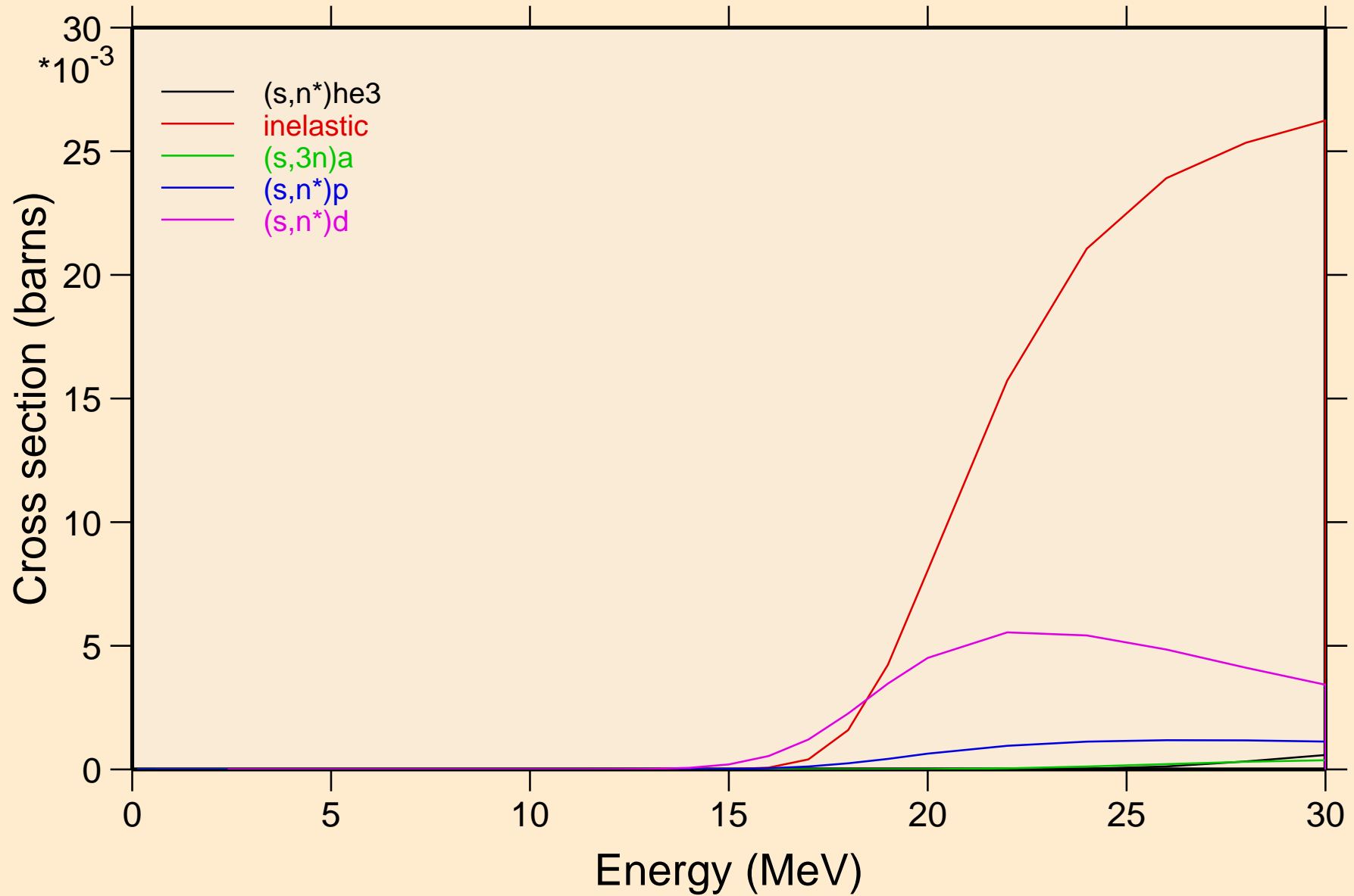
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



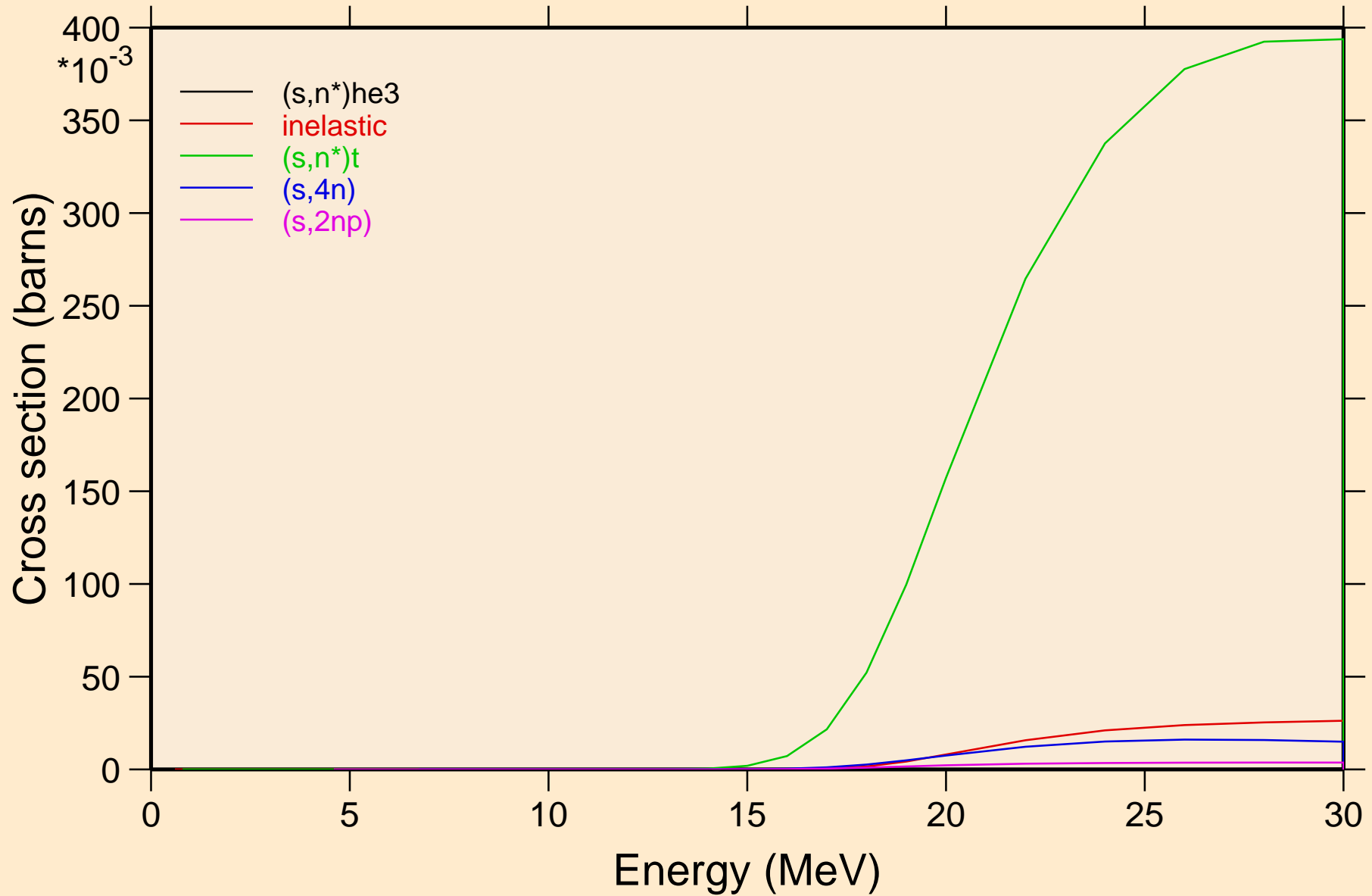
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
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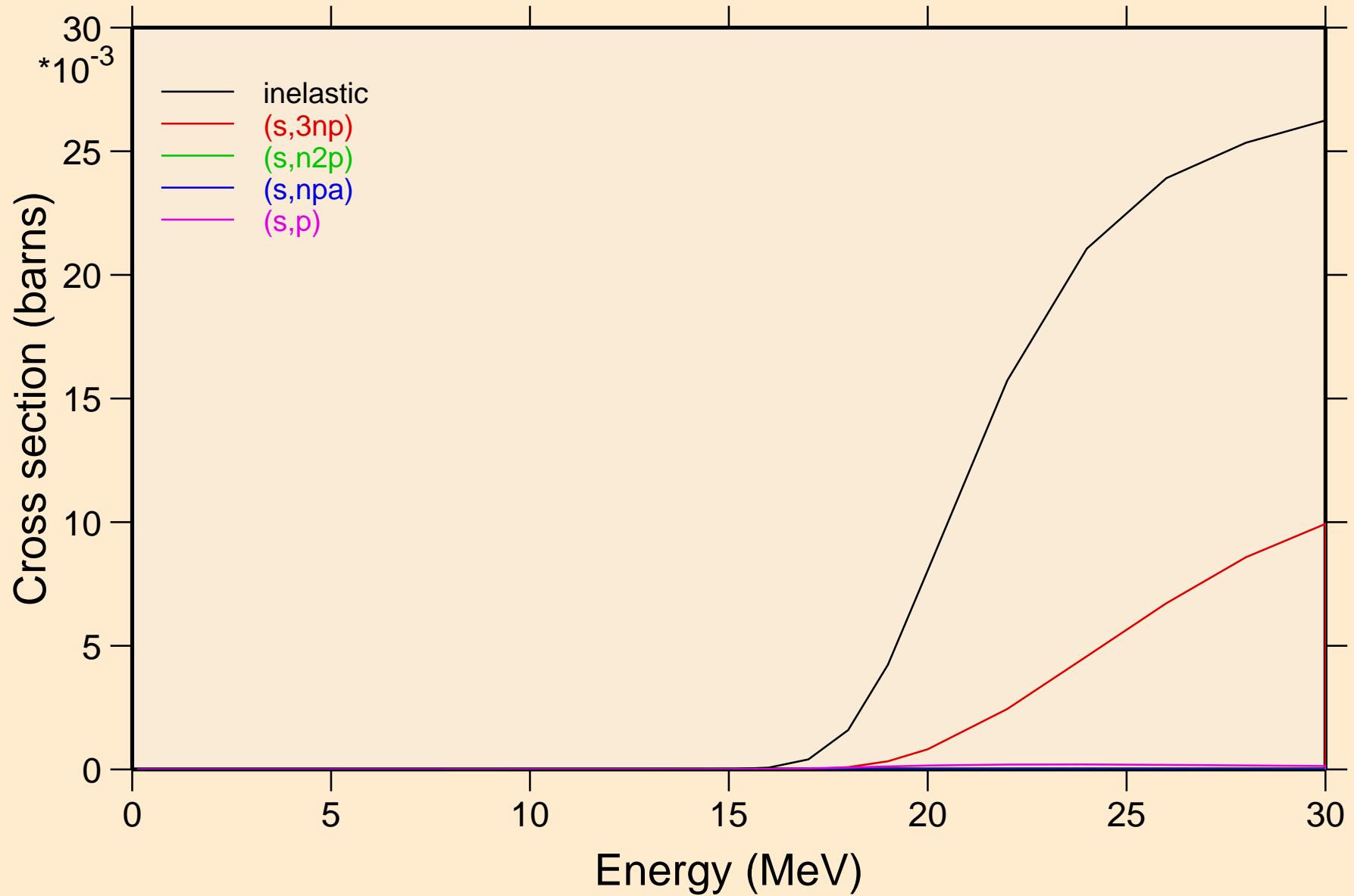


ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

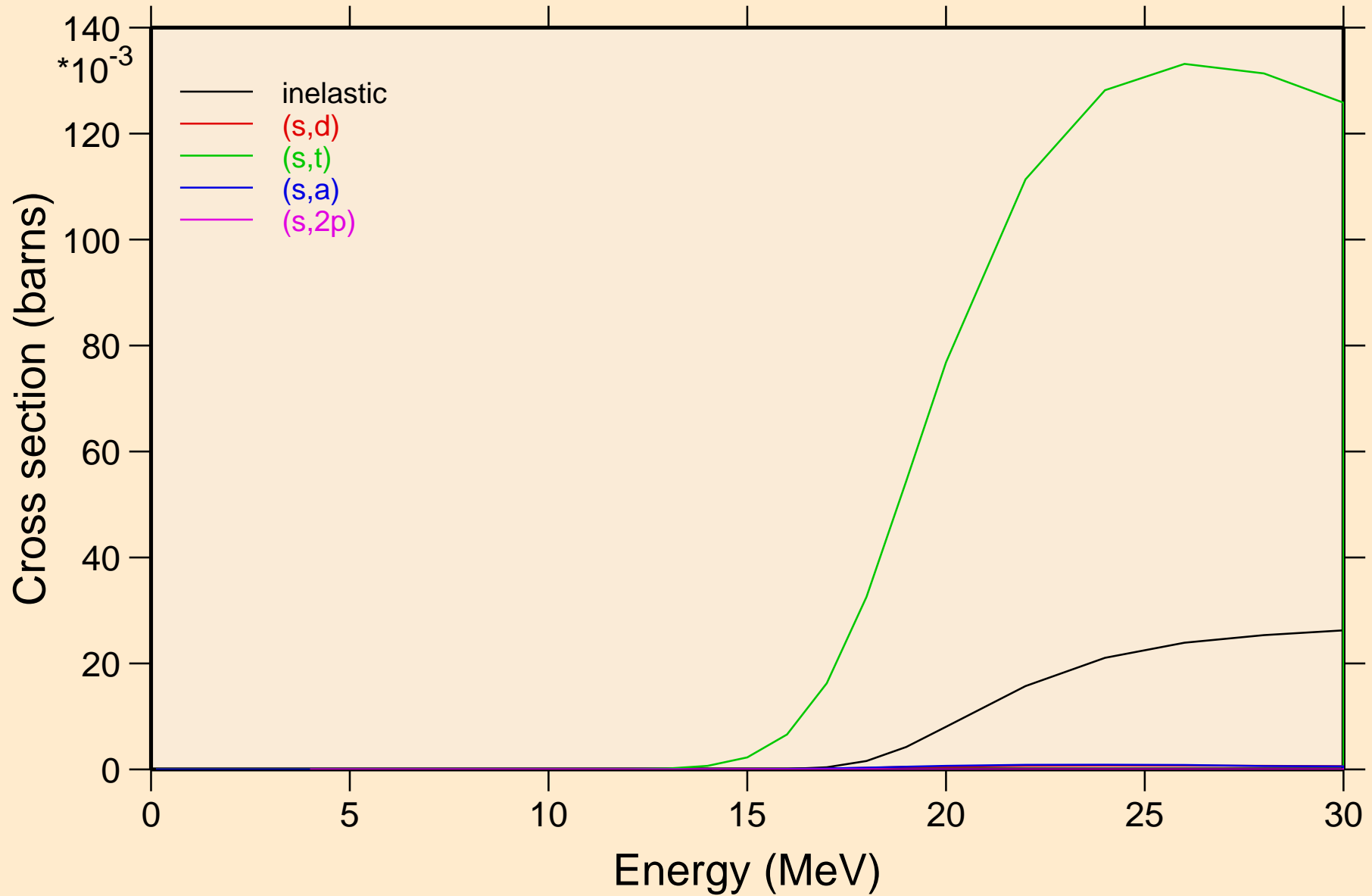


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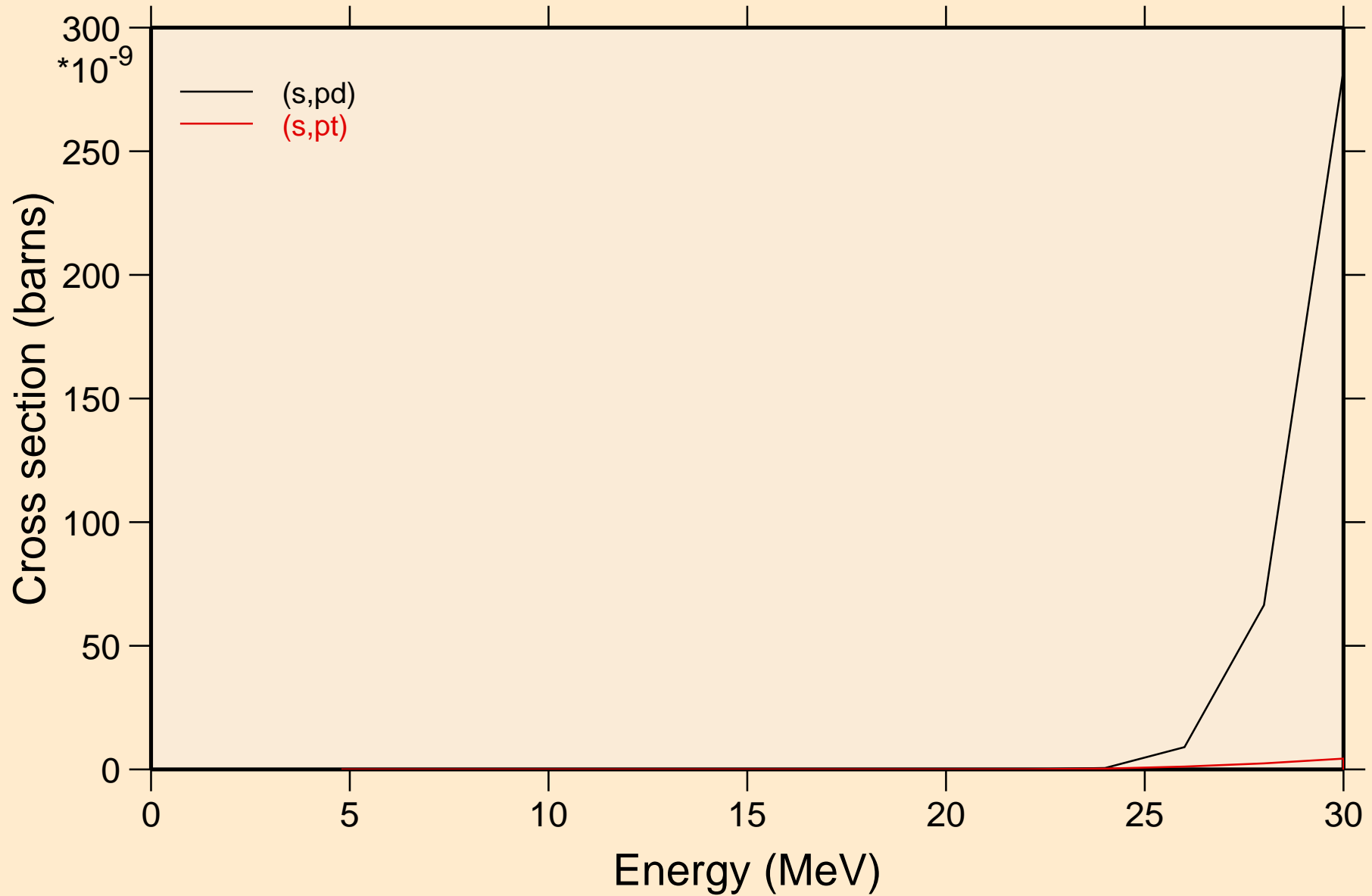
## Threshold reactions



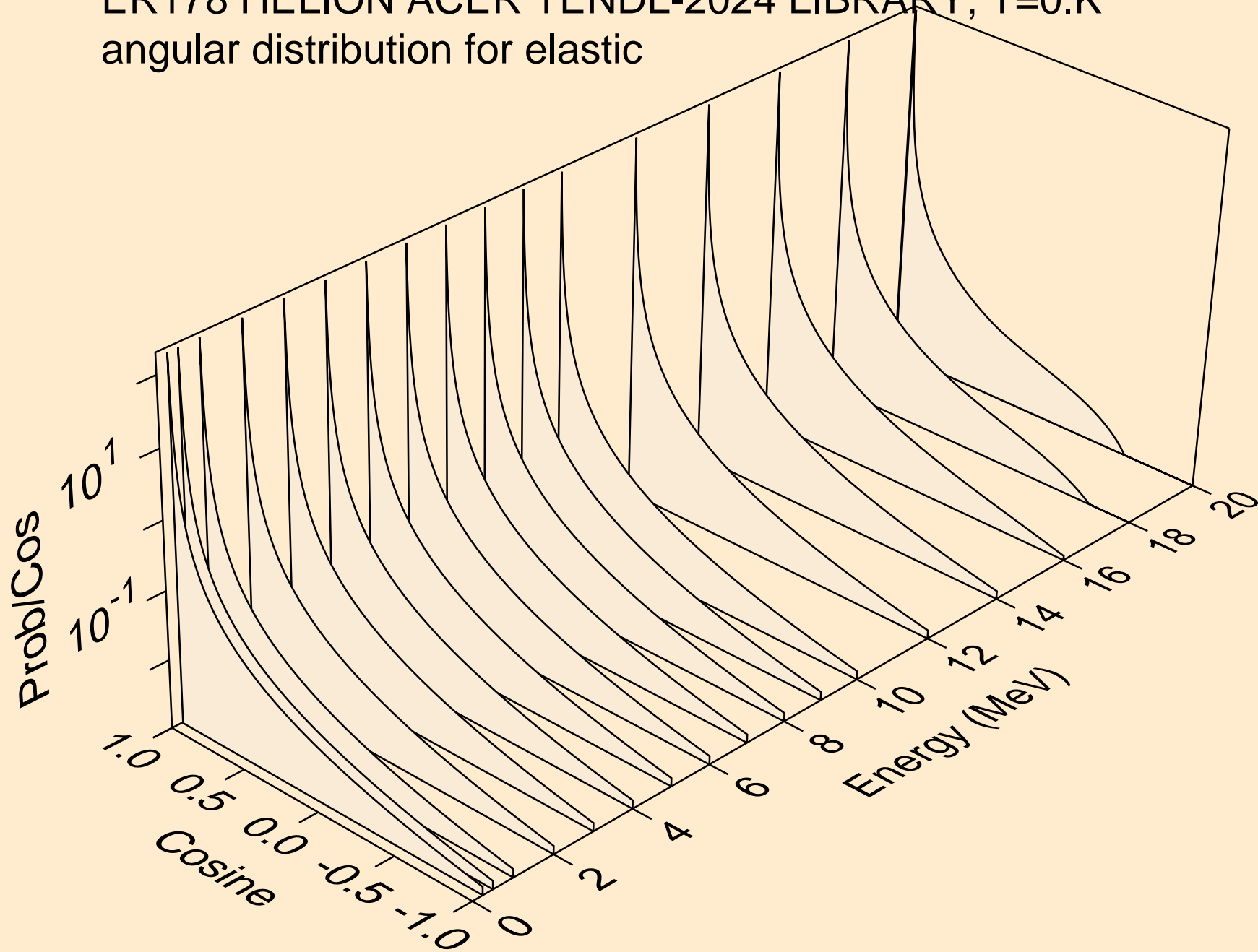
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Threshold reactions



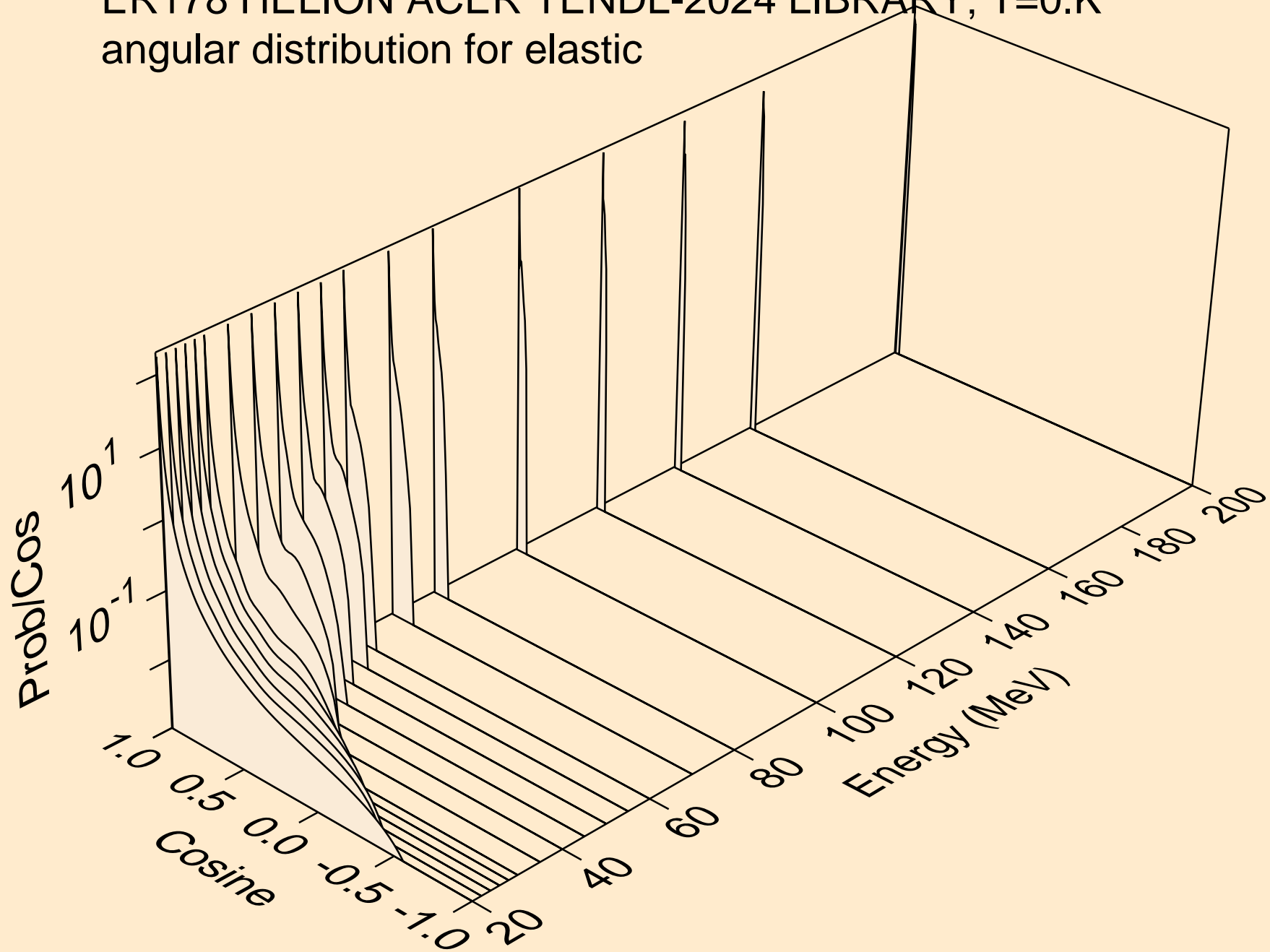
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Threshold reactions



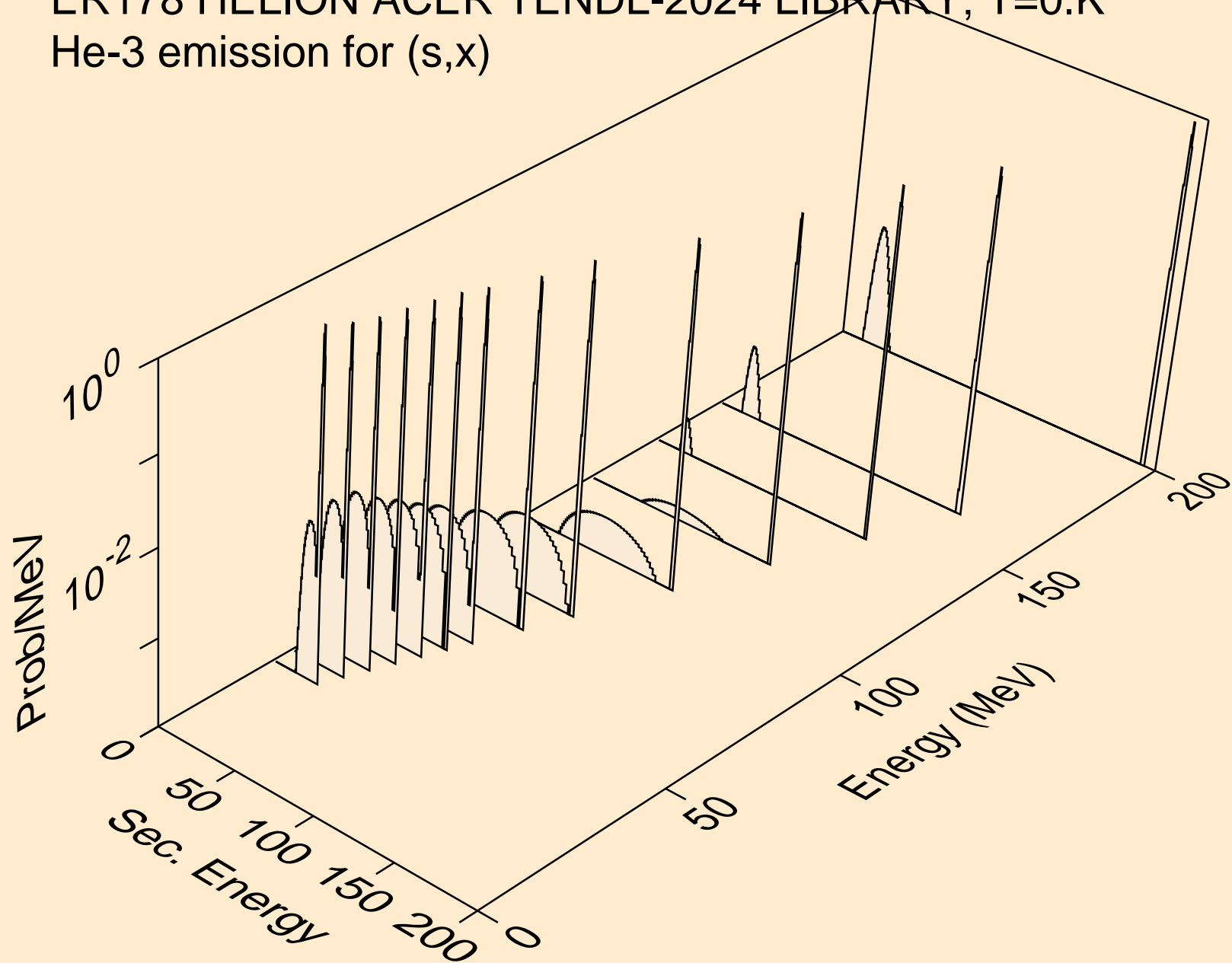
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



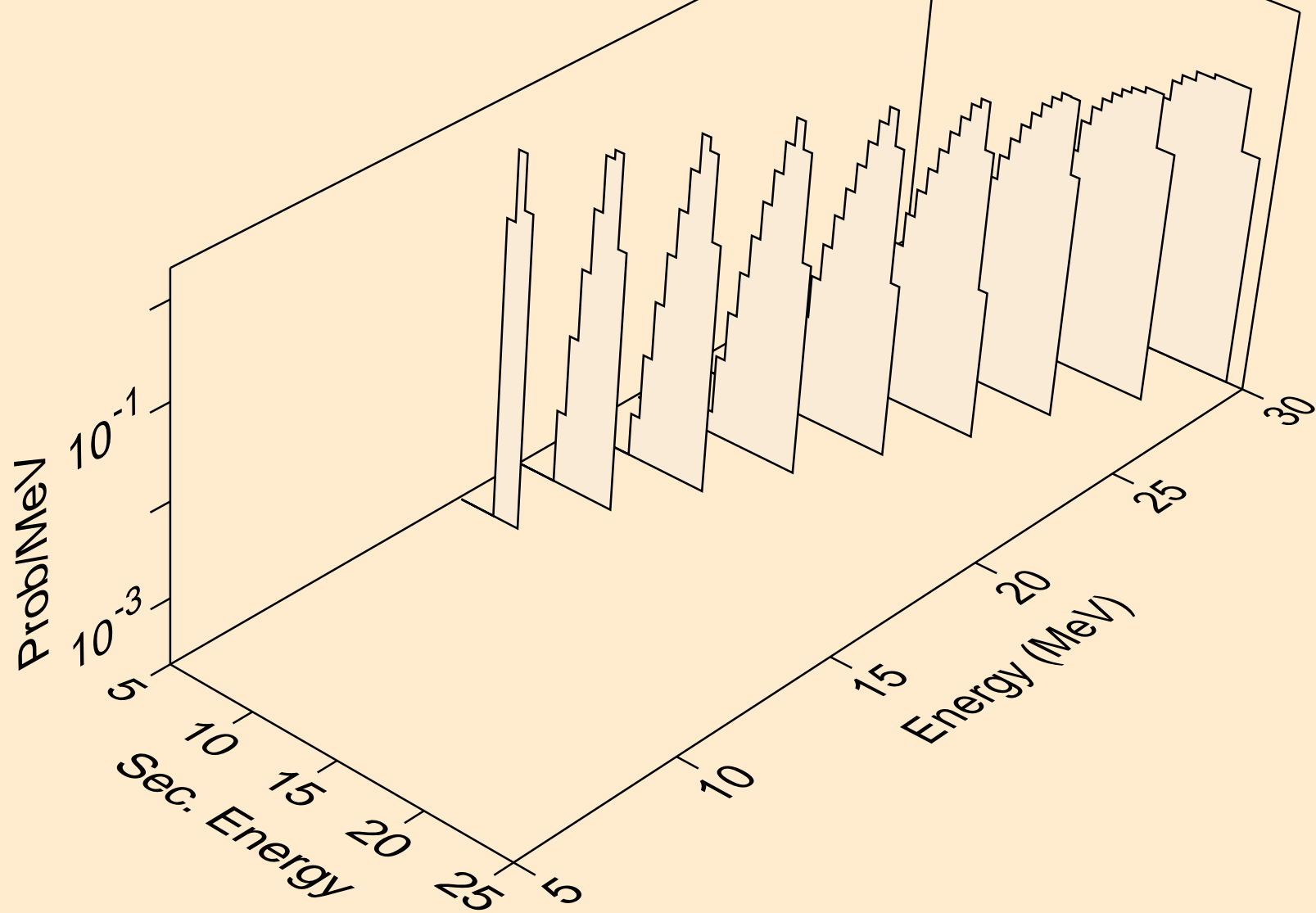
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



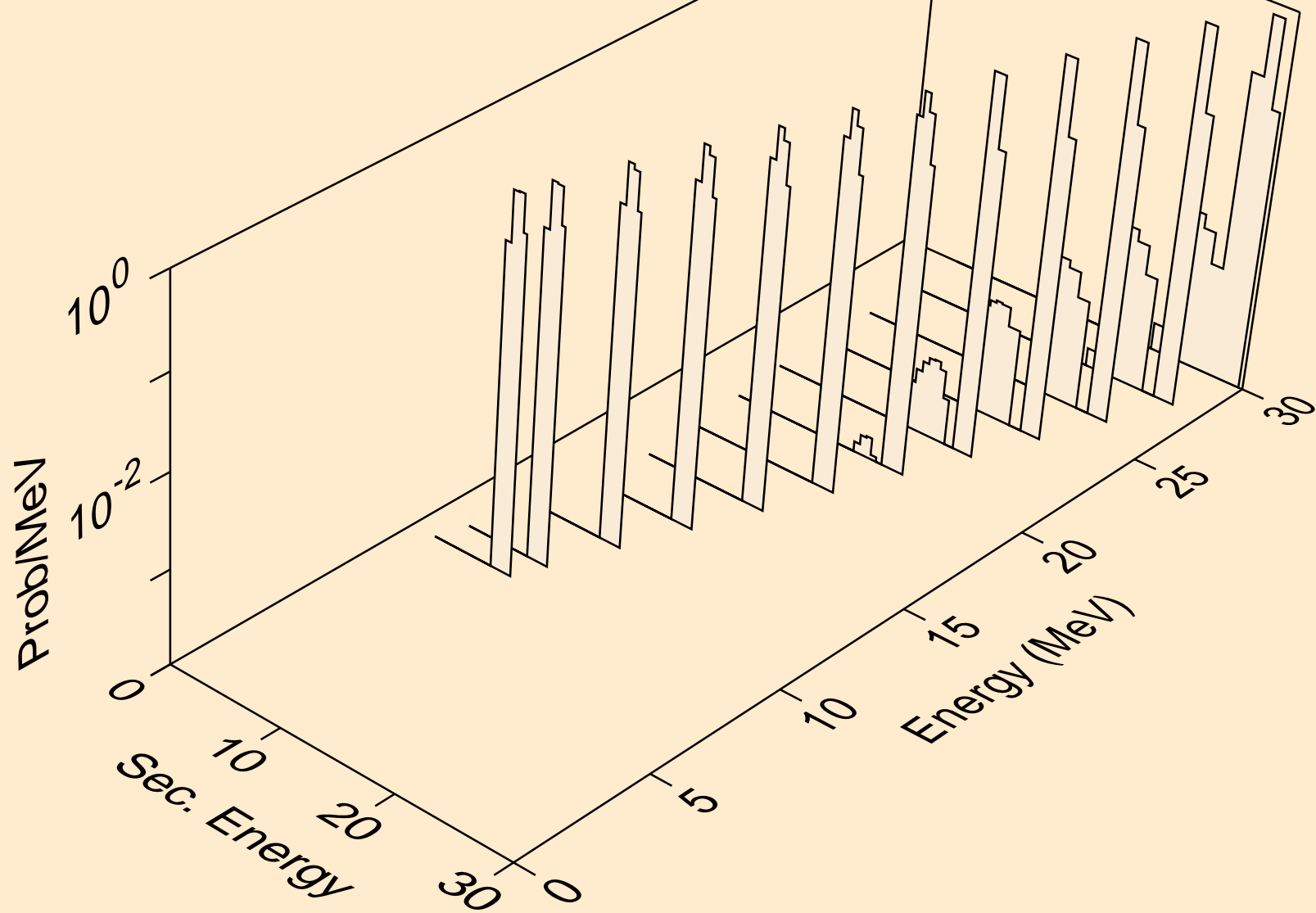
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



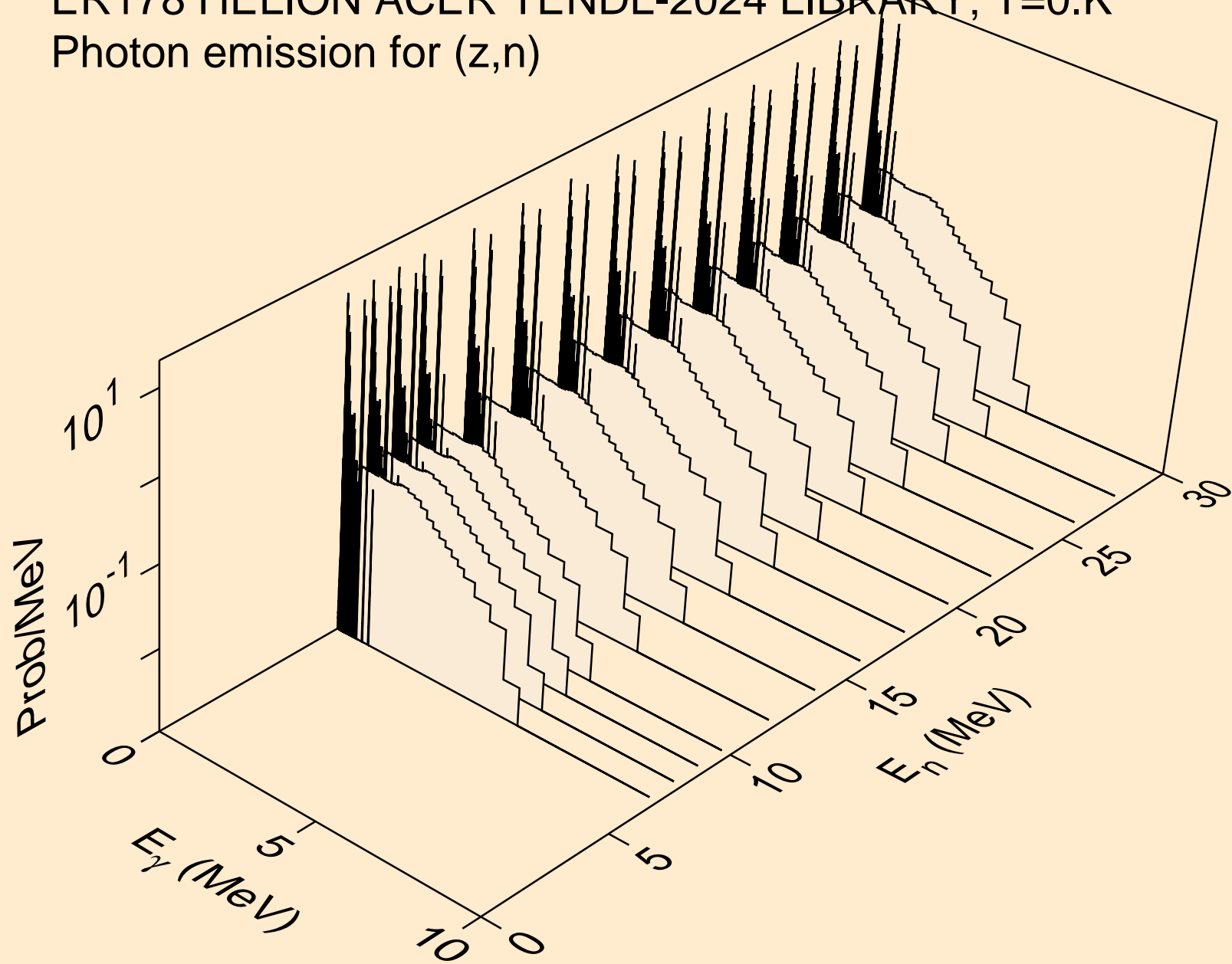
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



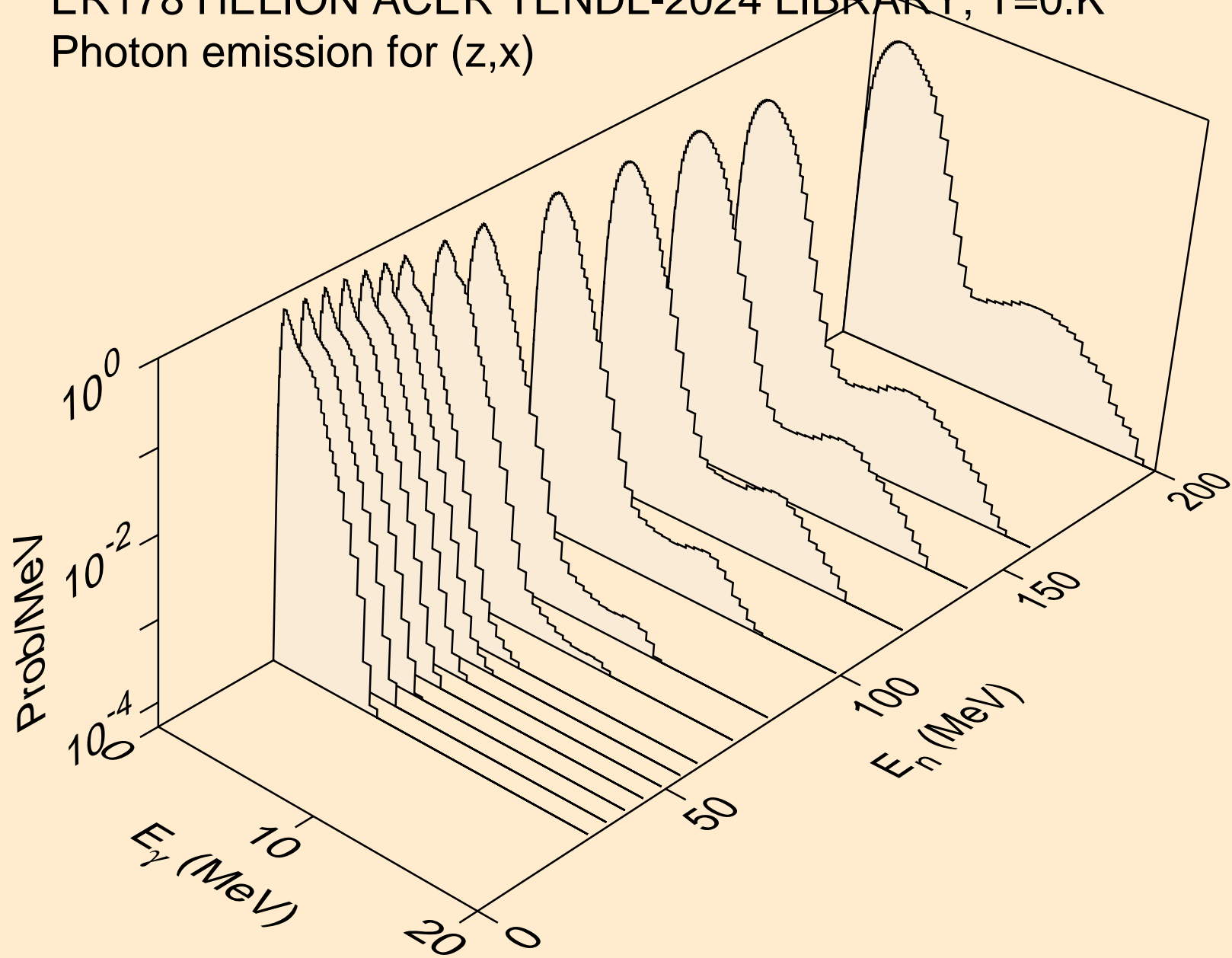
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic



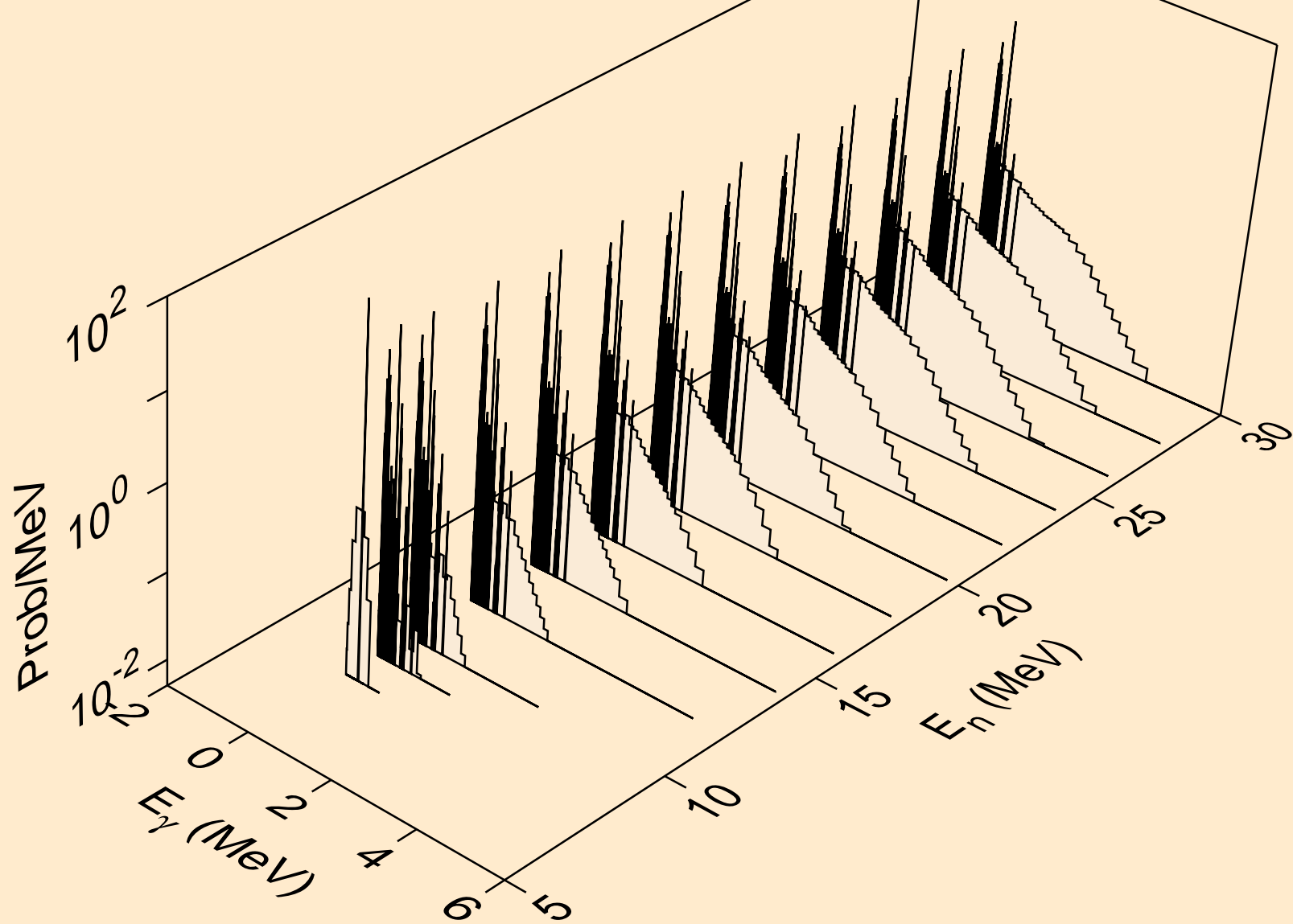
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



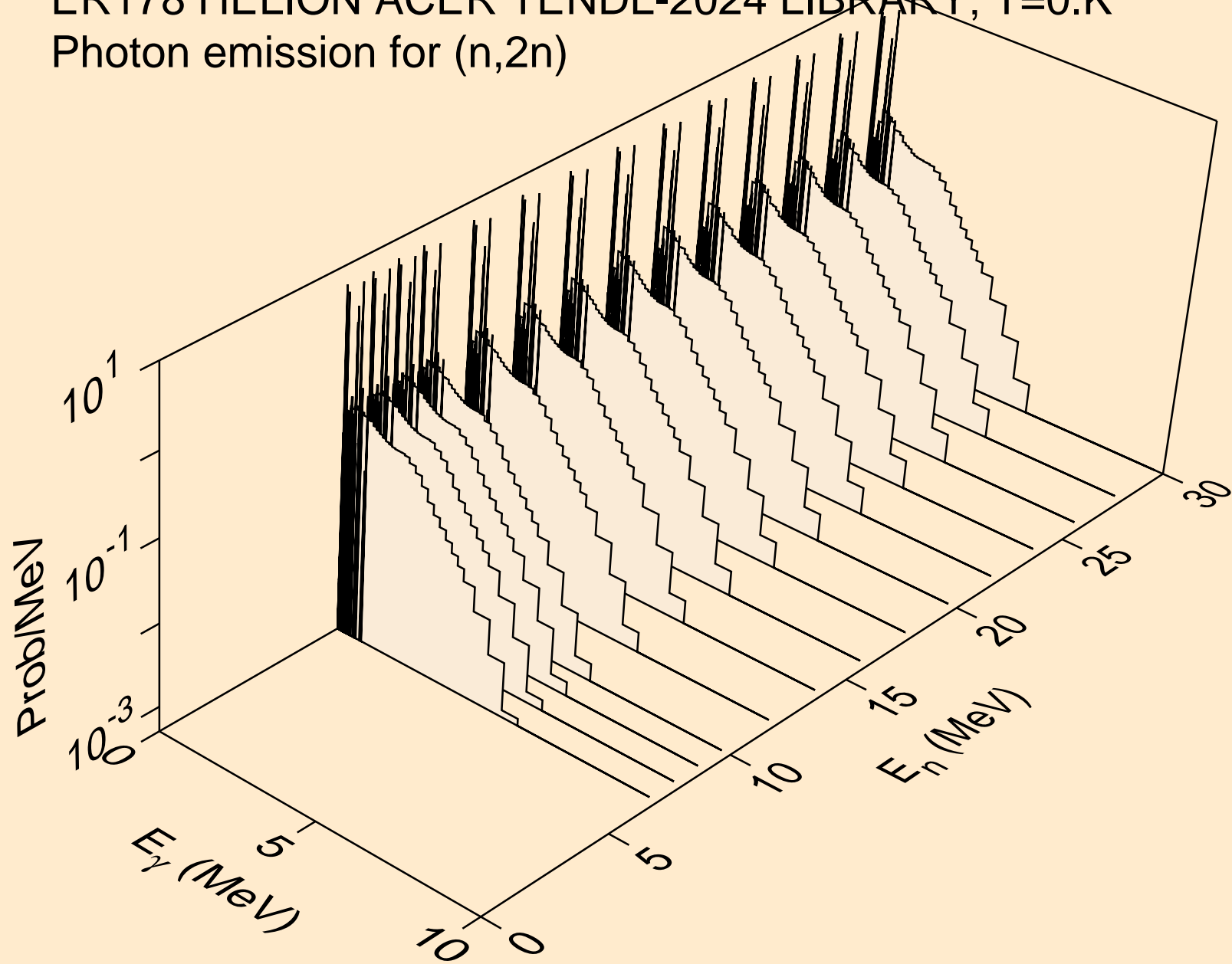
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



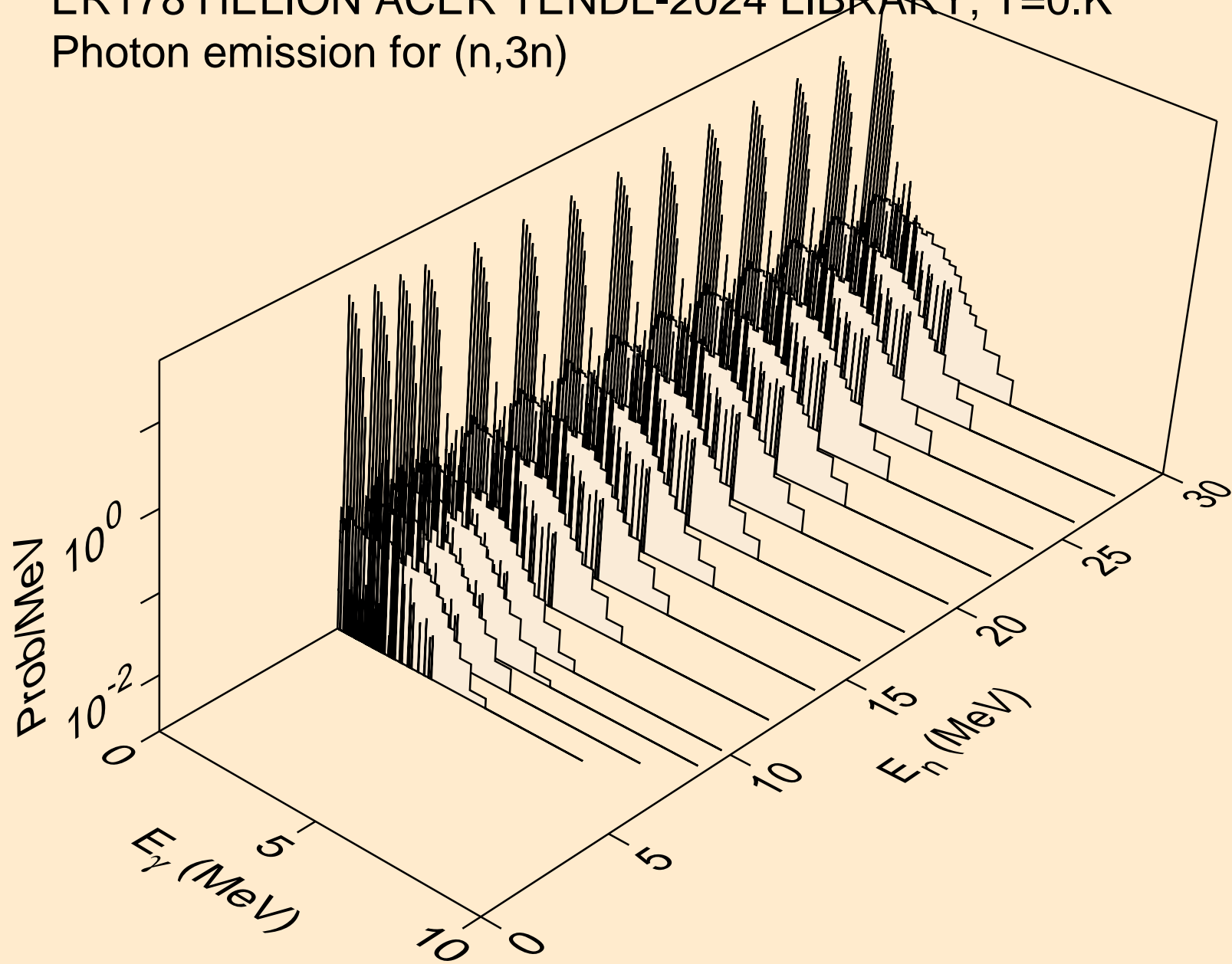
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



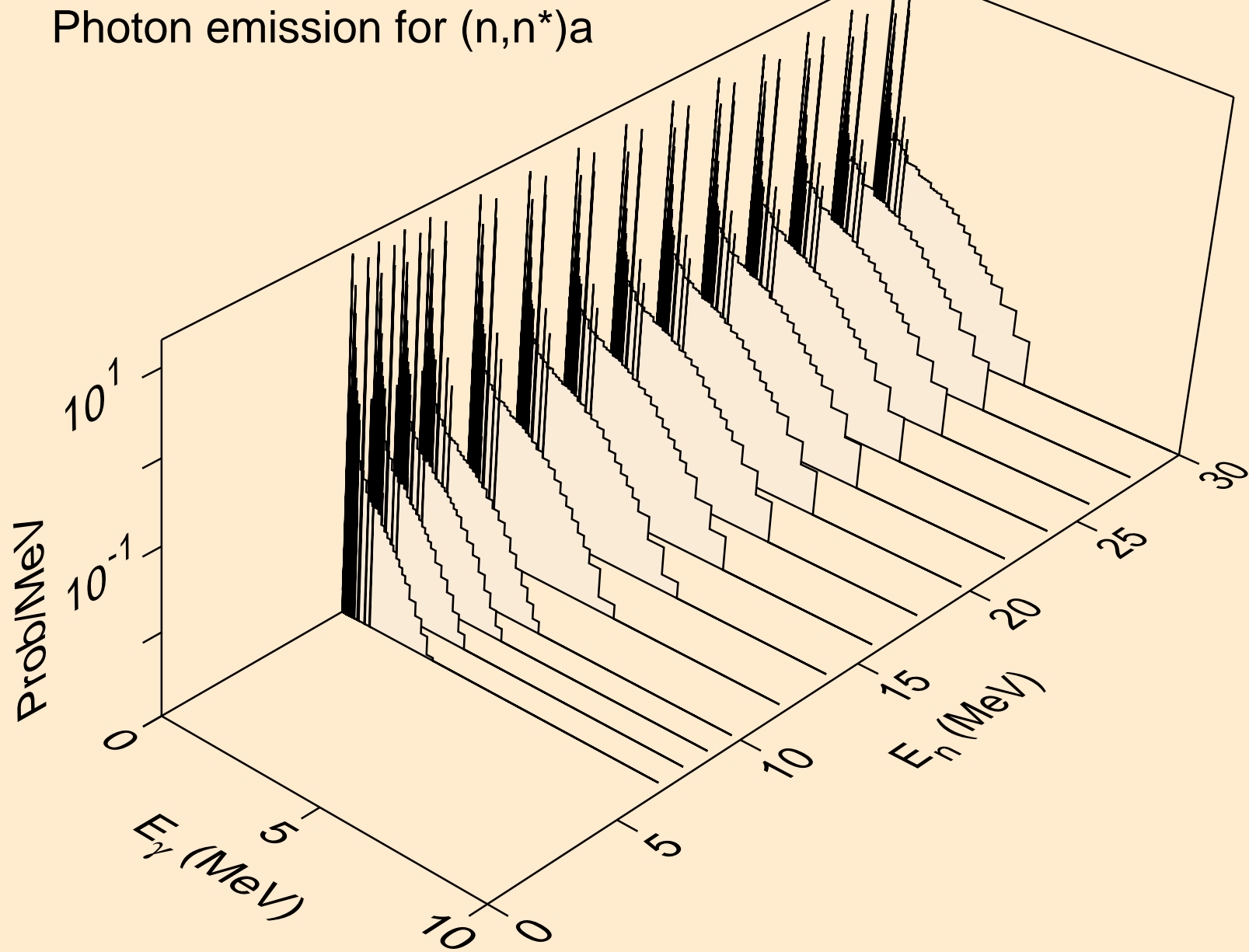
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



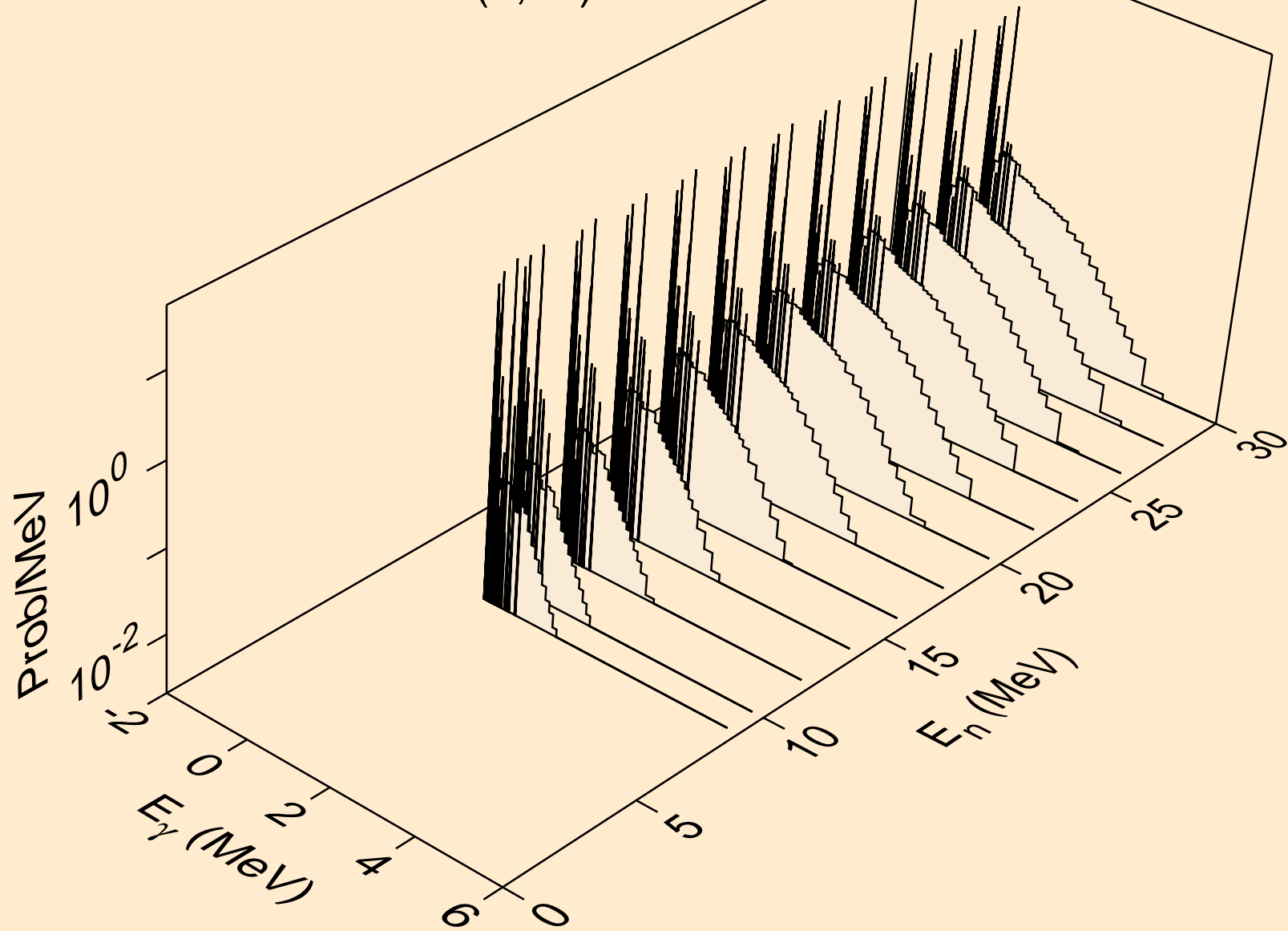
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



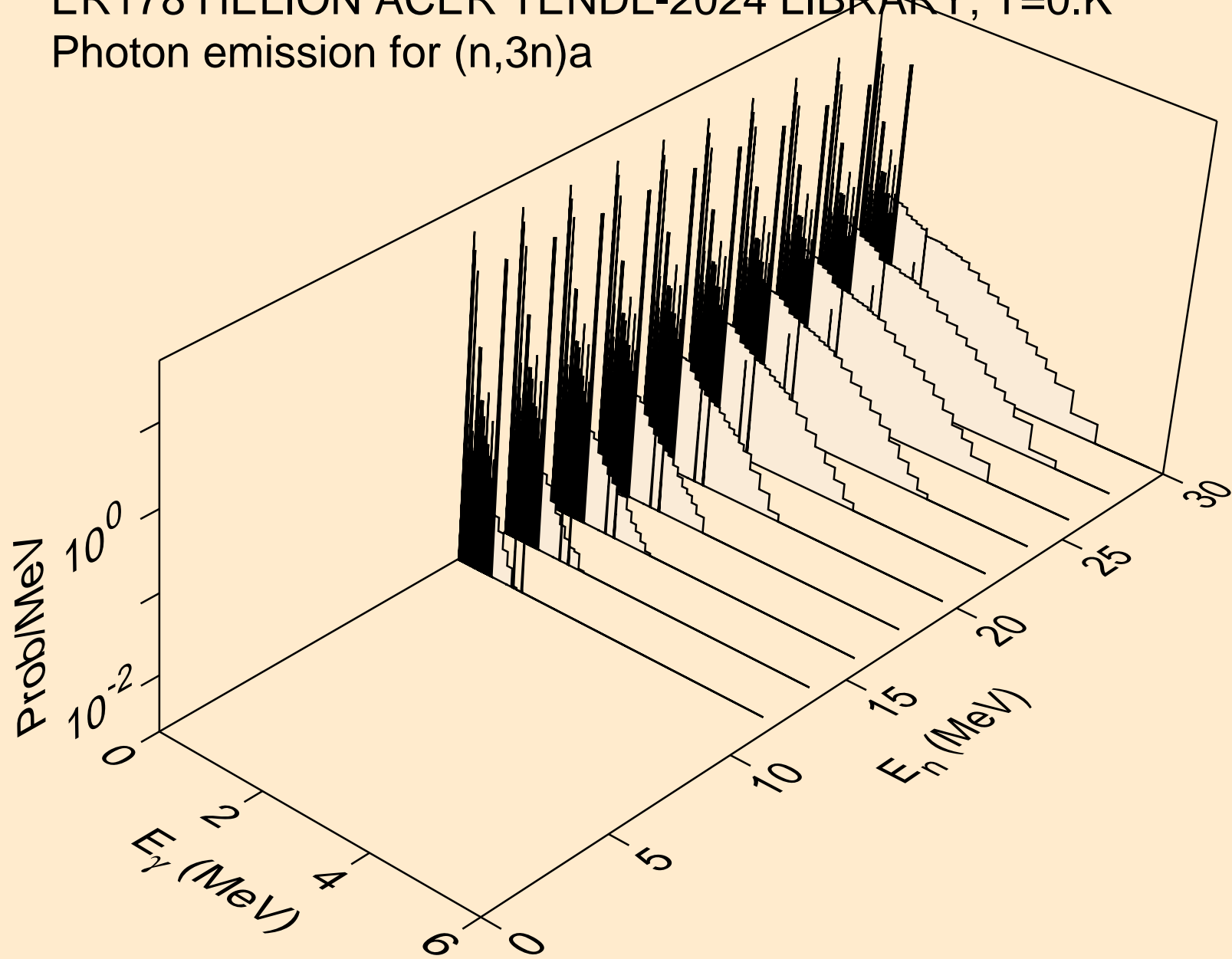
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



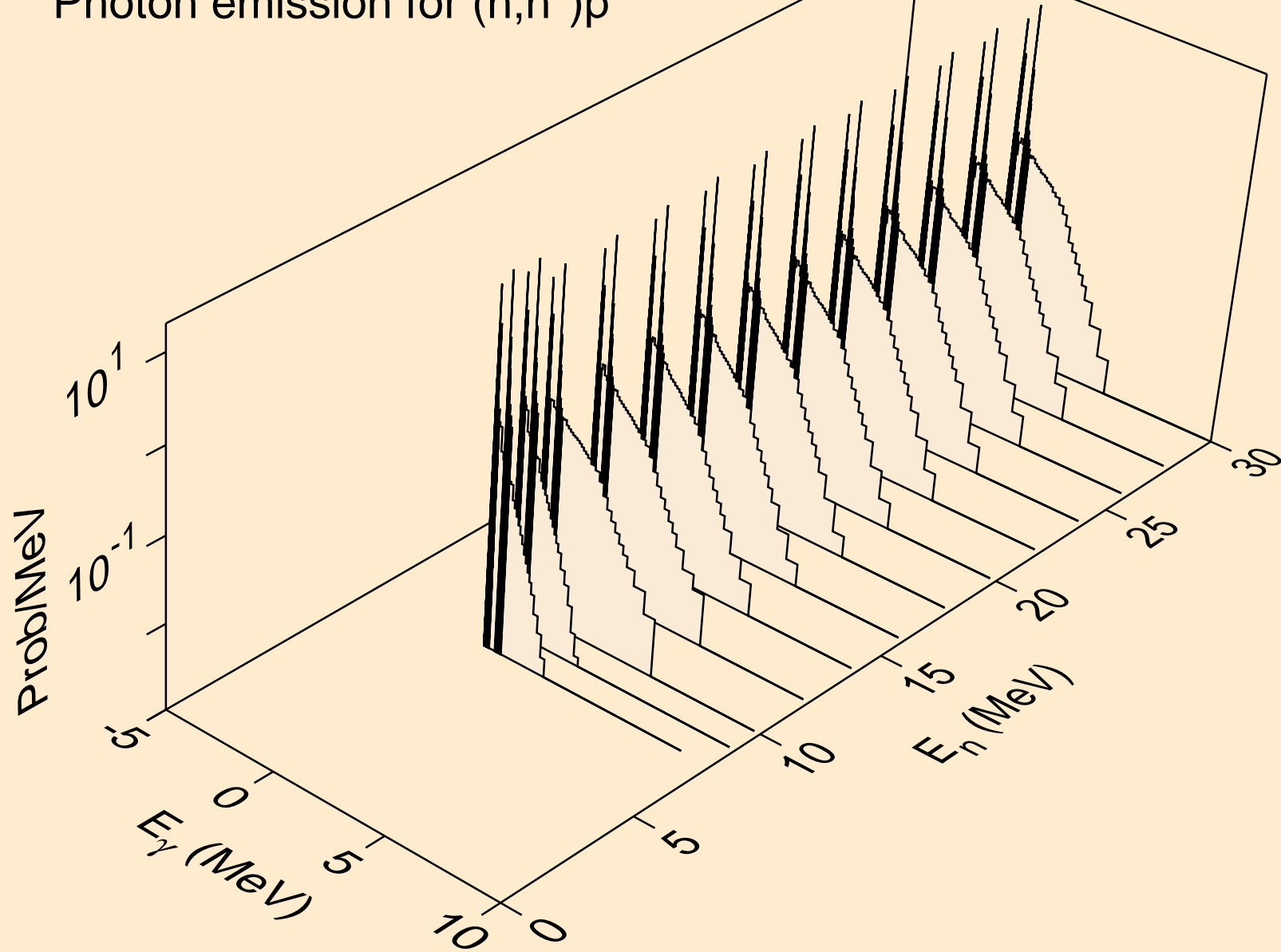
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Photon emission for (n,2n)a



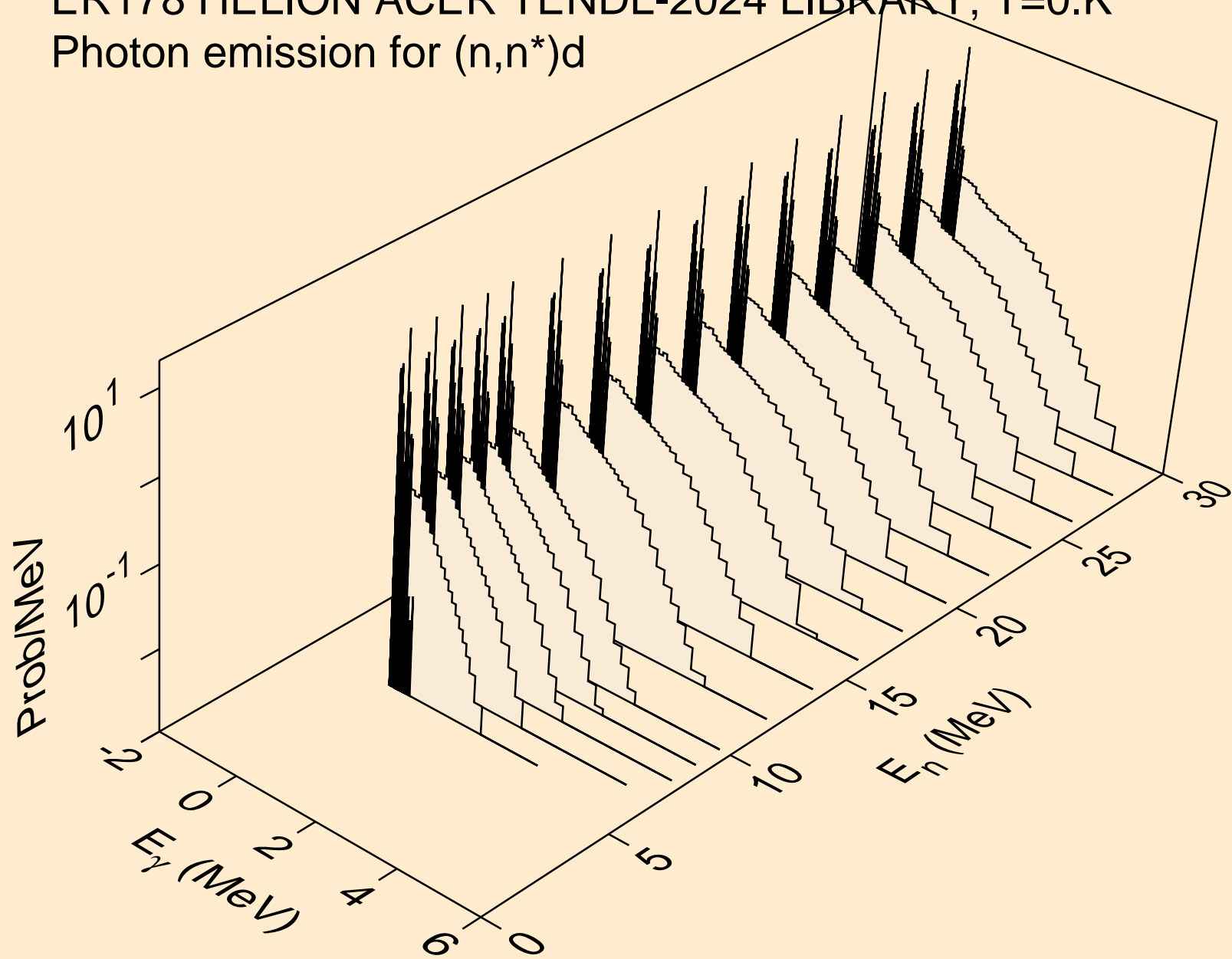
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Photon emission for (n,3n)a



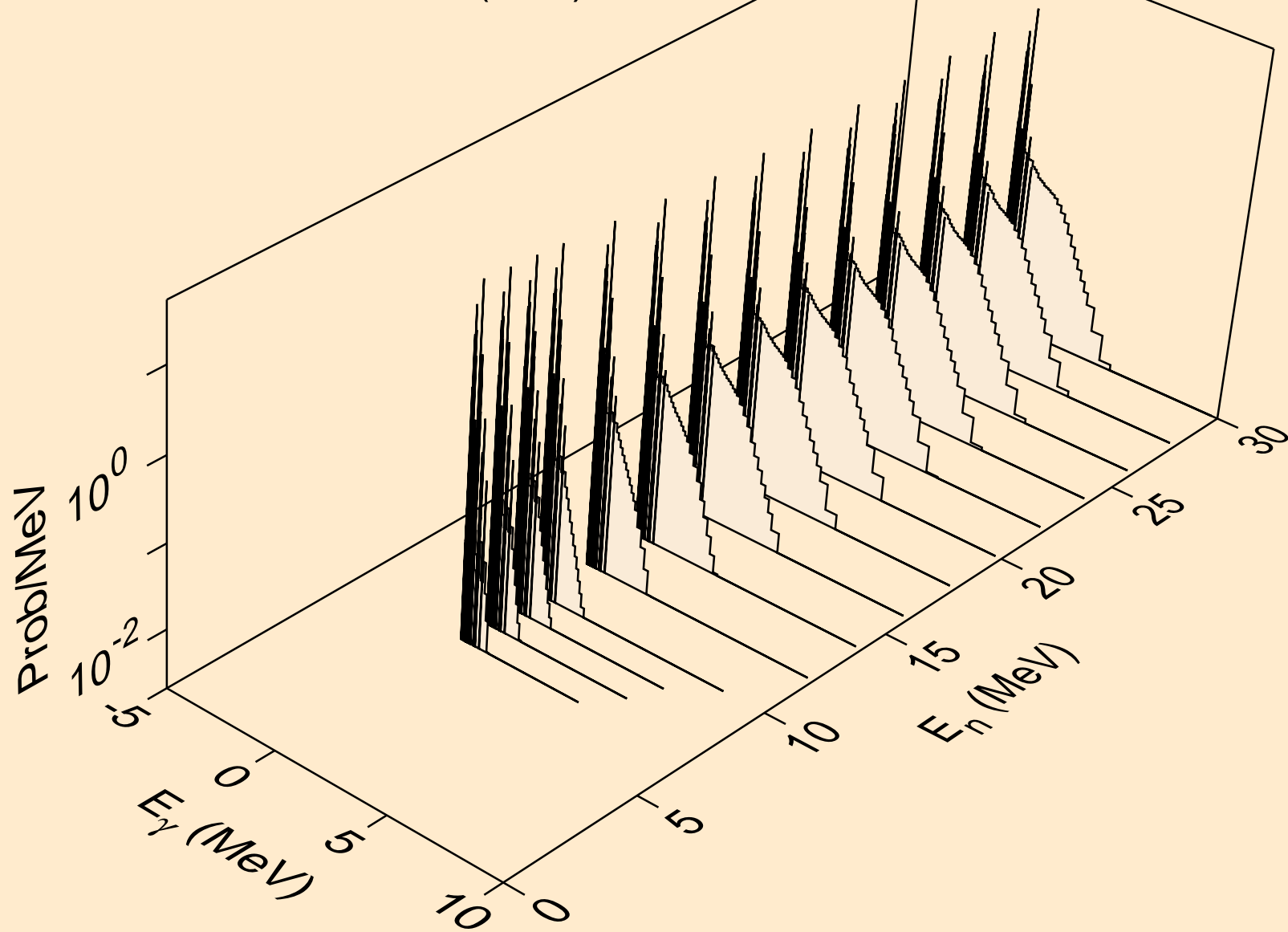
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



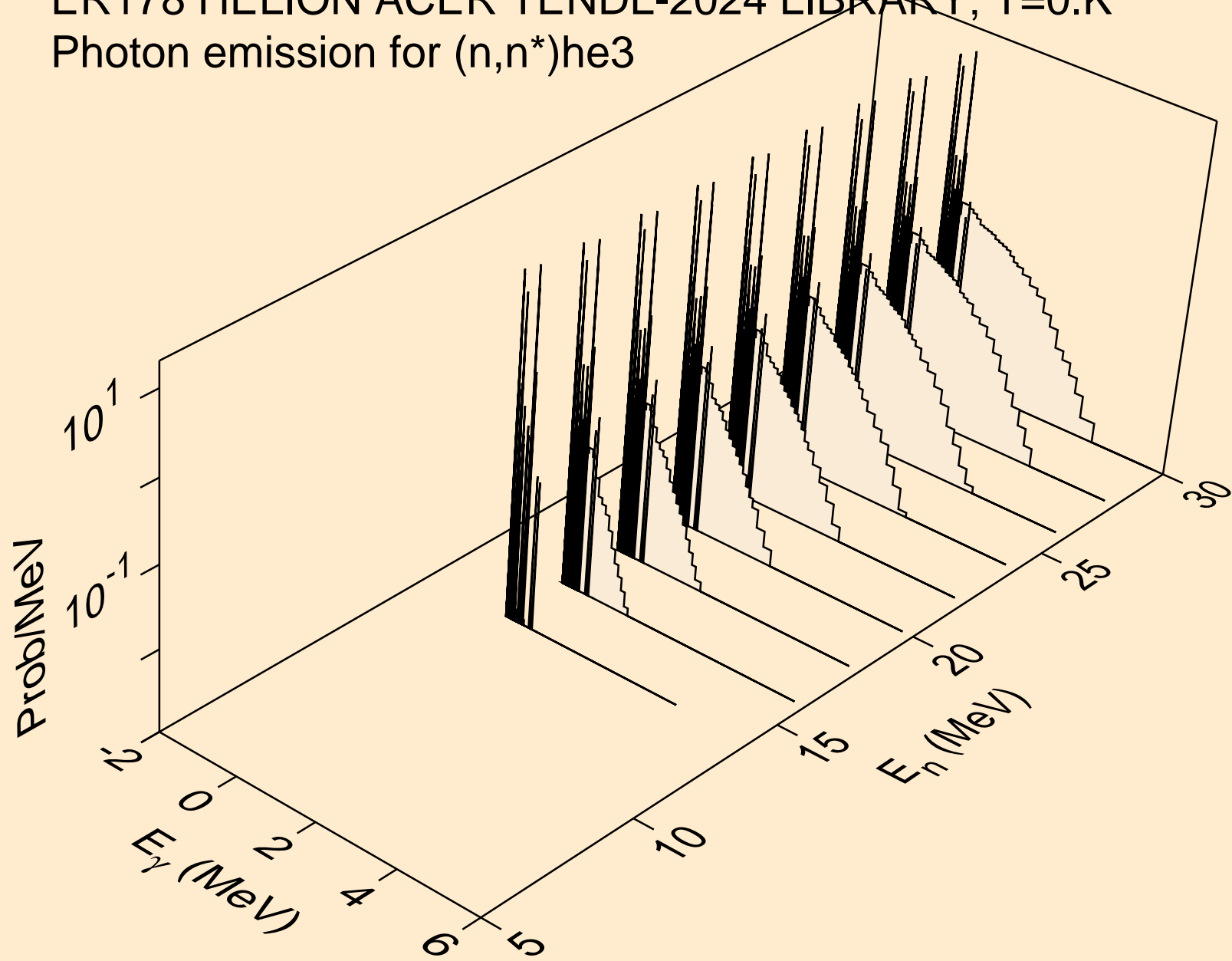
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



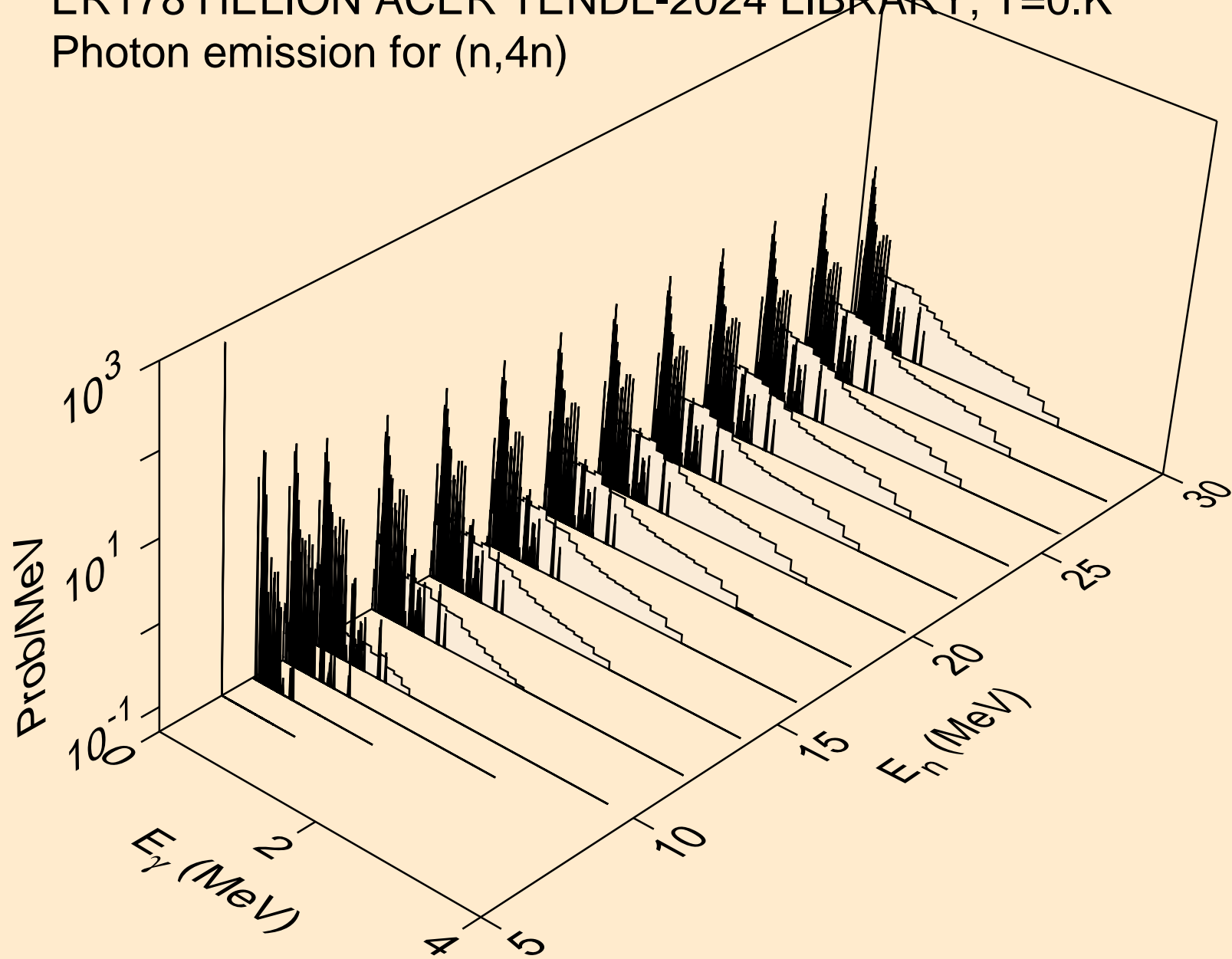
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



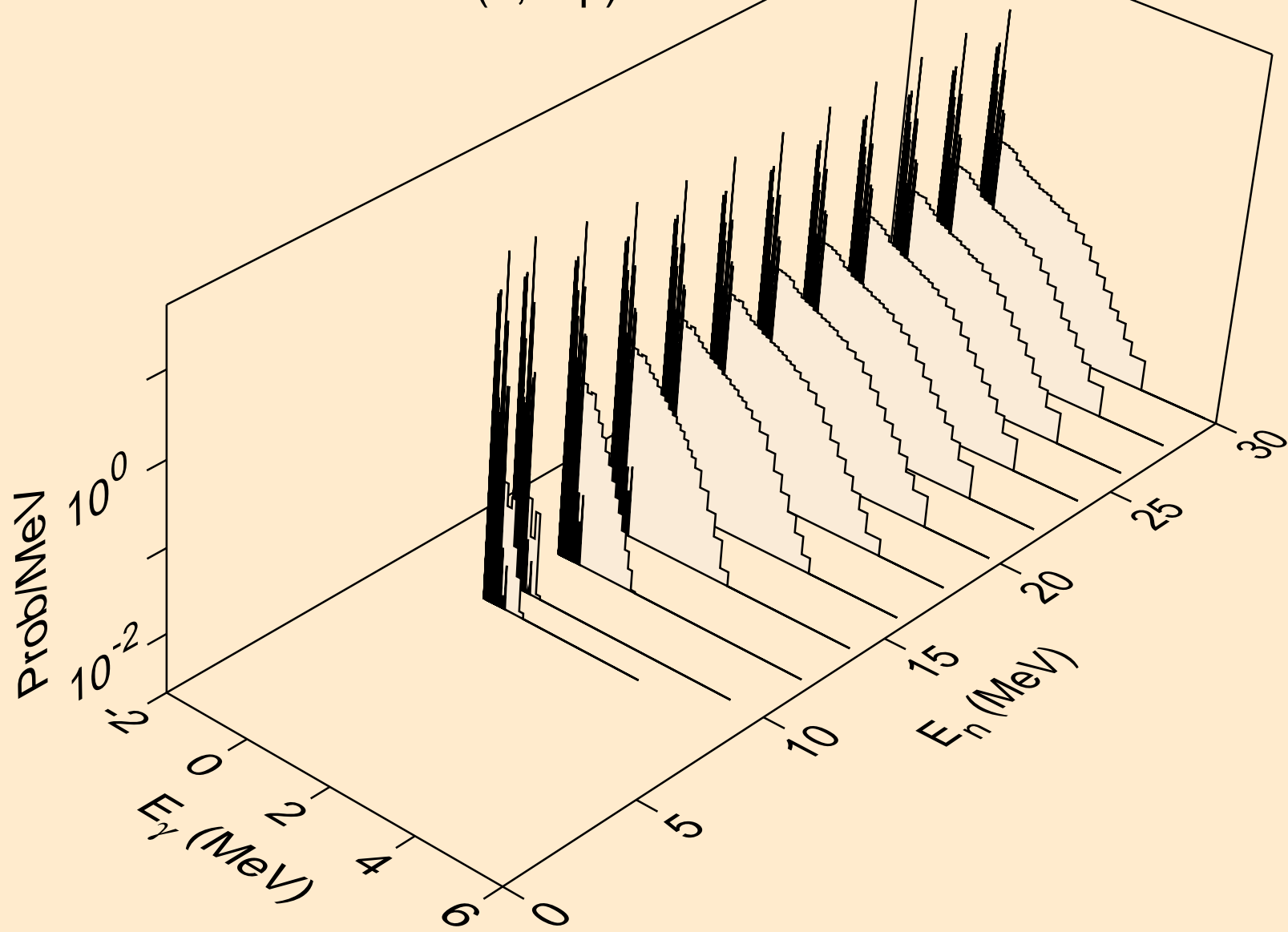
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



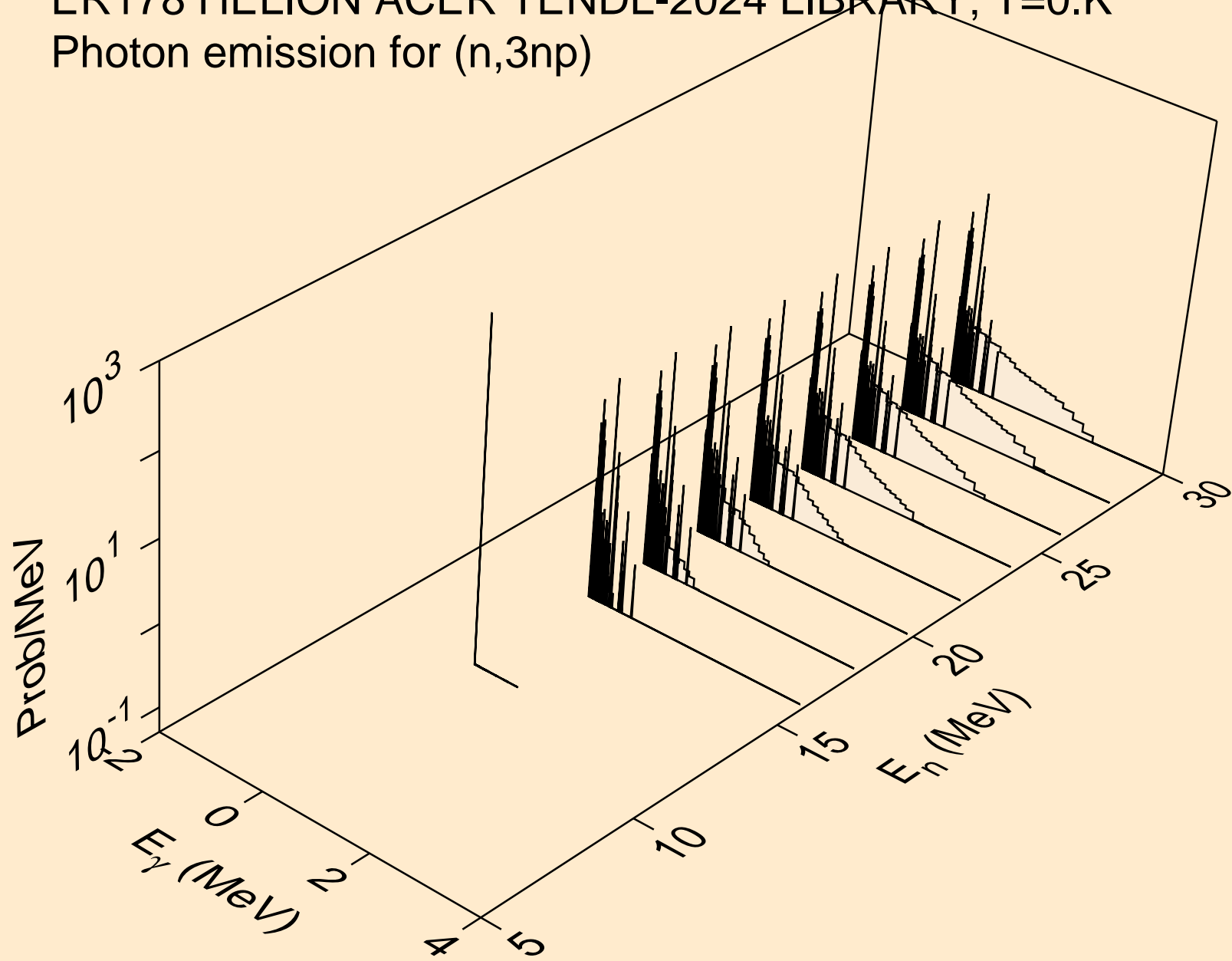
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



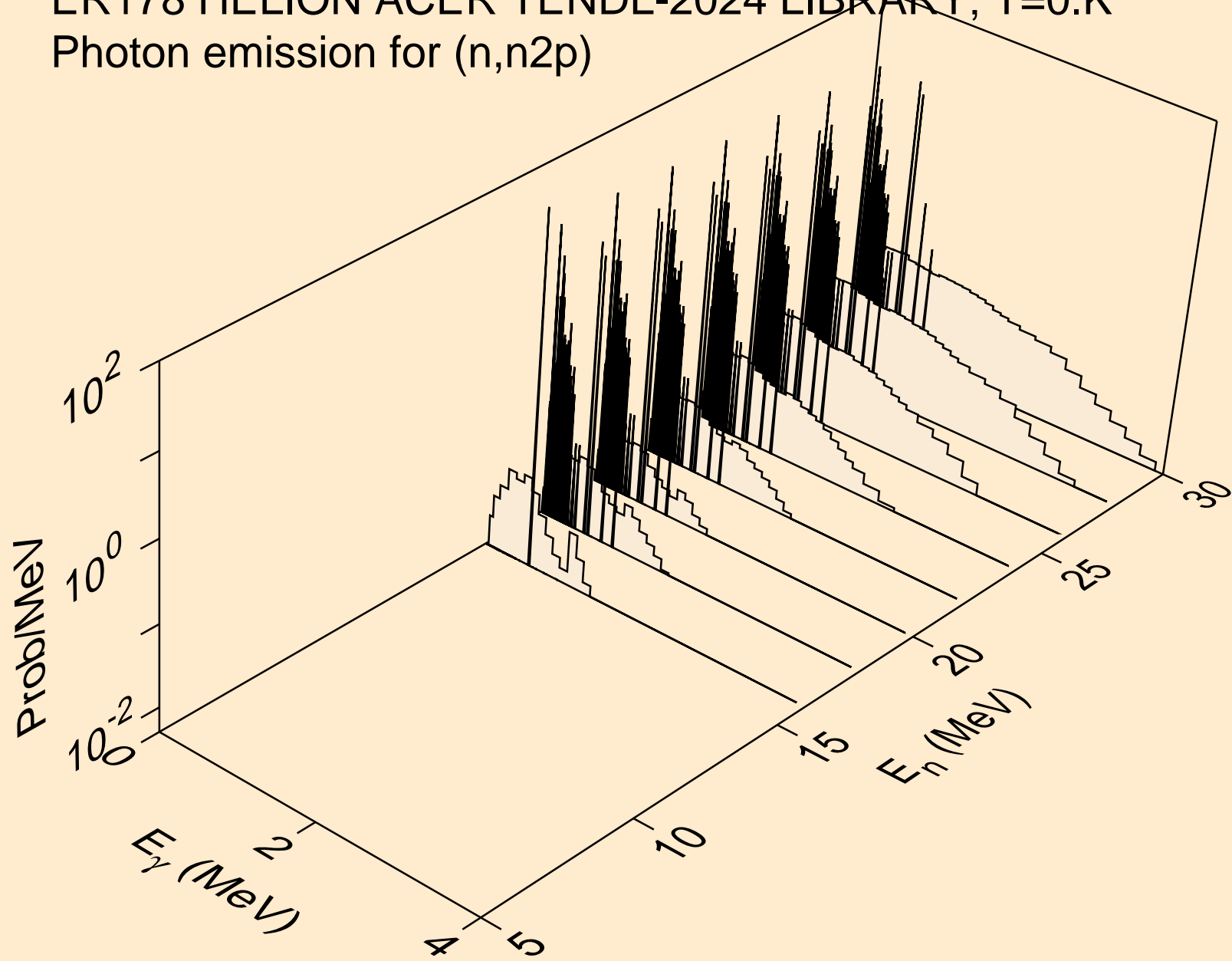
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



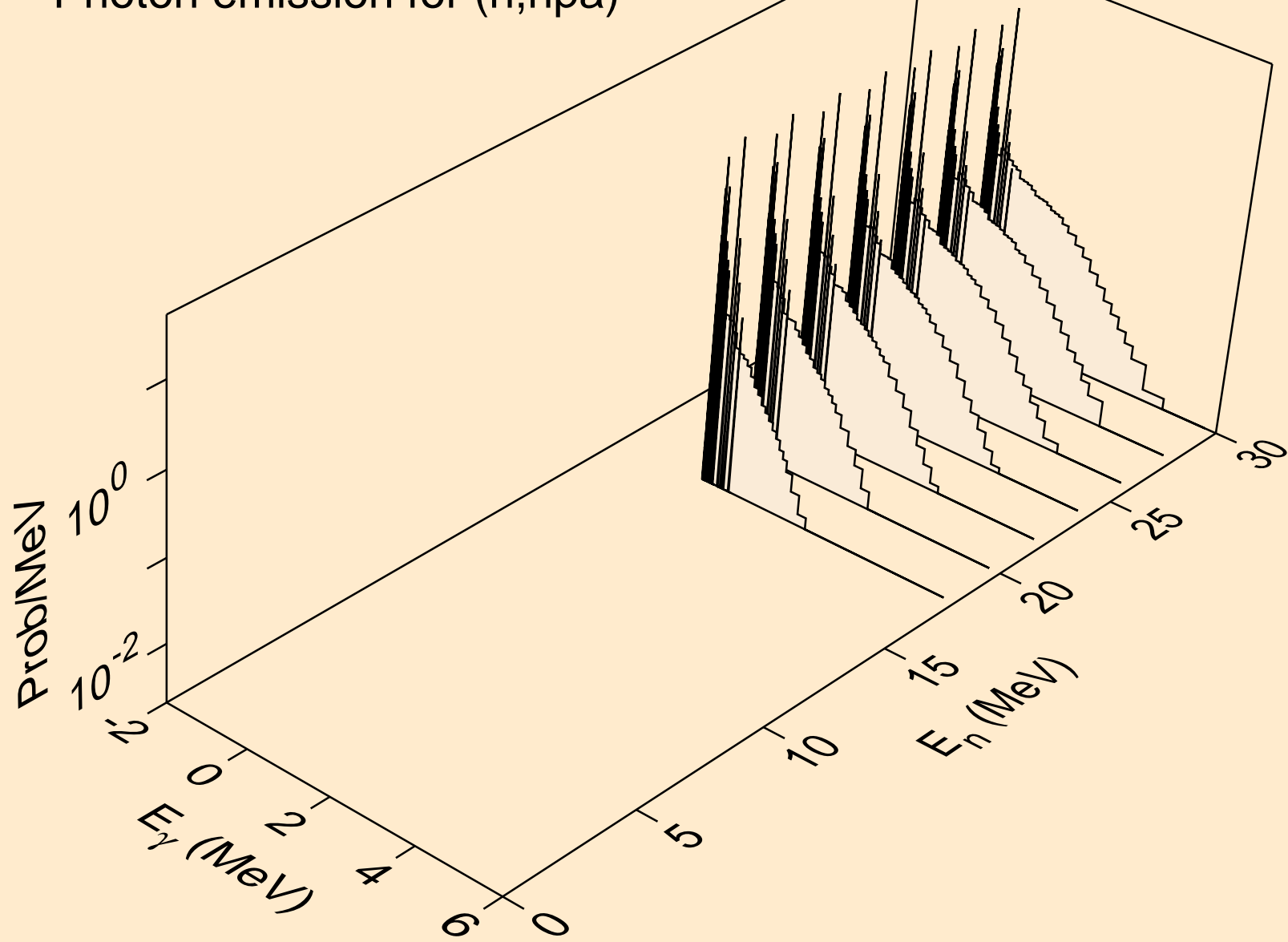
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Photon emission for (n,3np)



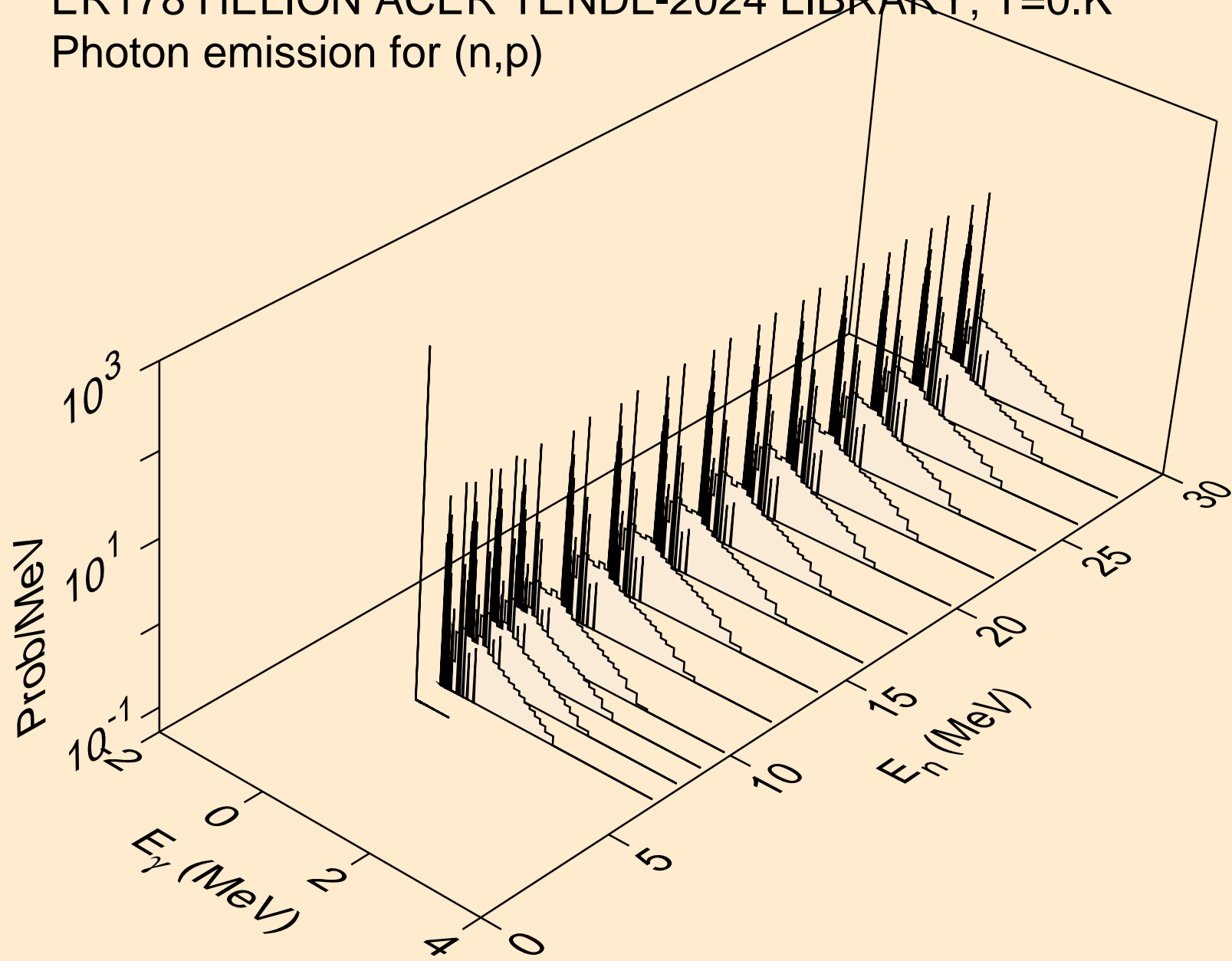
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Photon emission for (n,n2p)



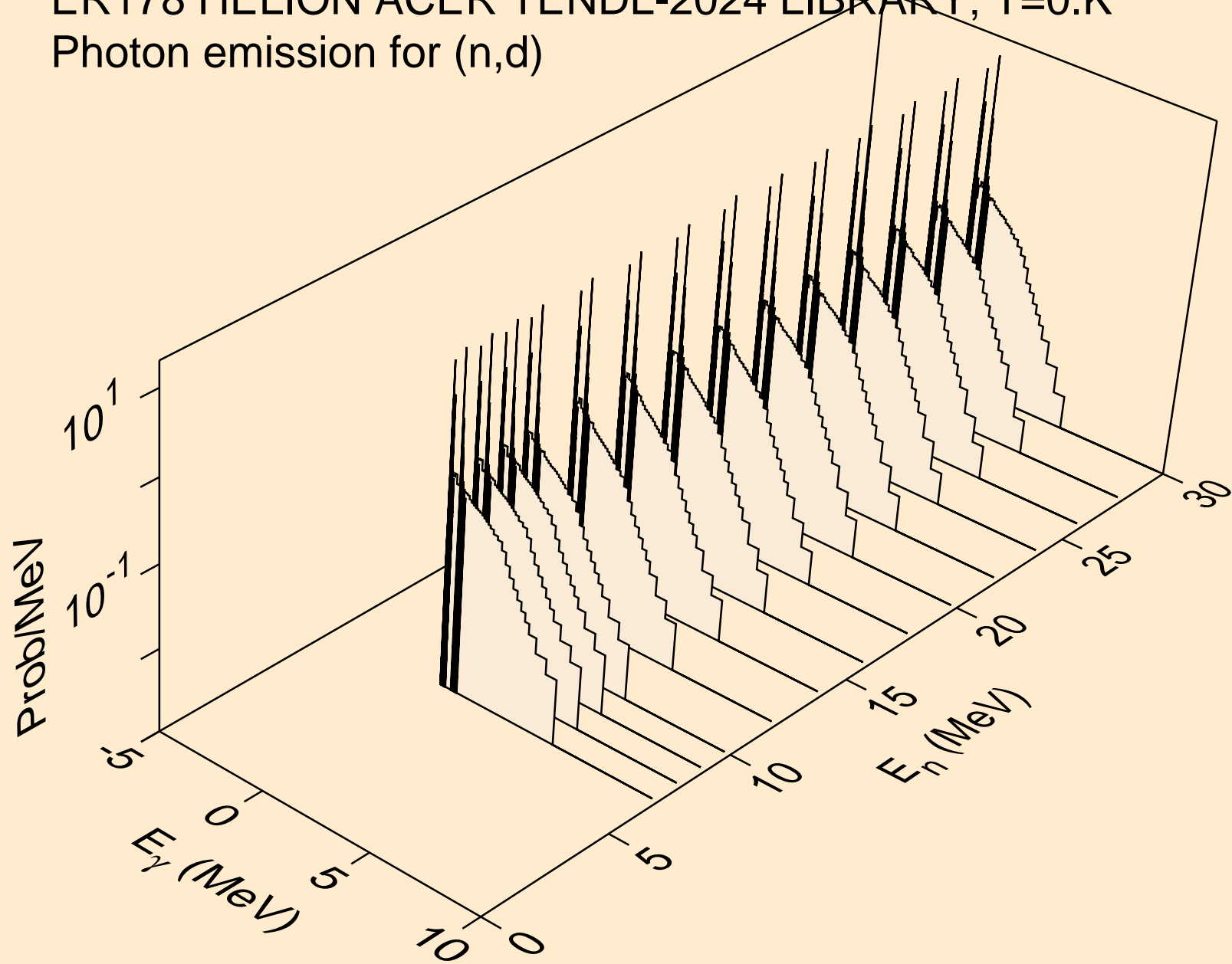
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Photon emission for (n,npa)



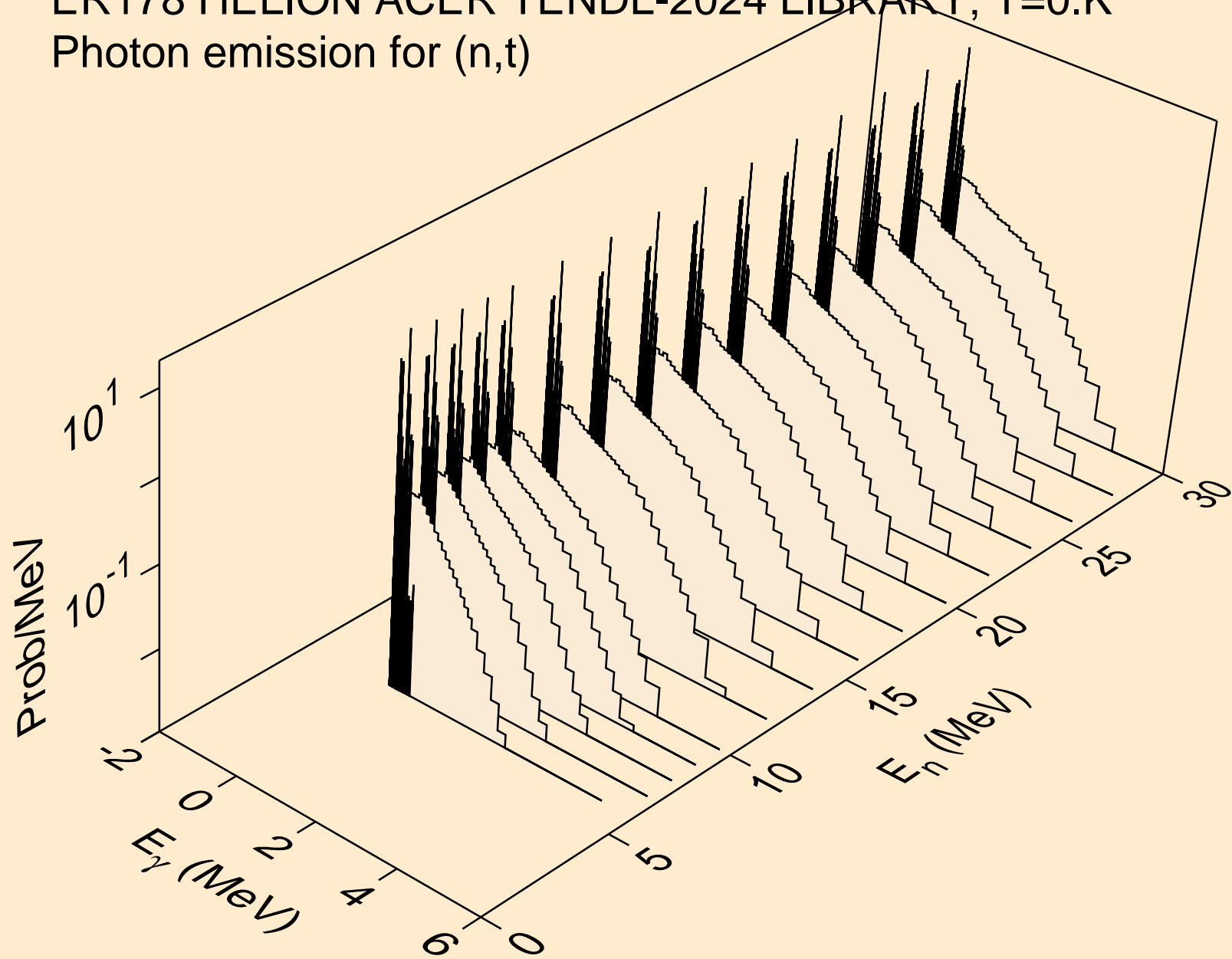
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Photon emission for (n,p)



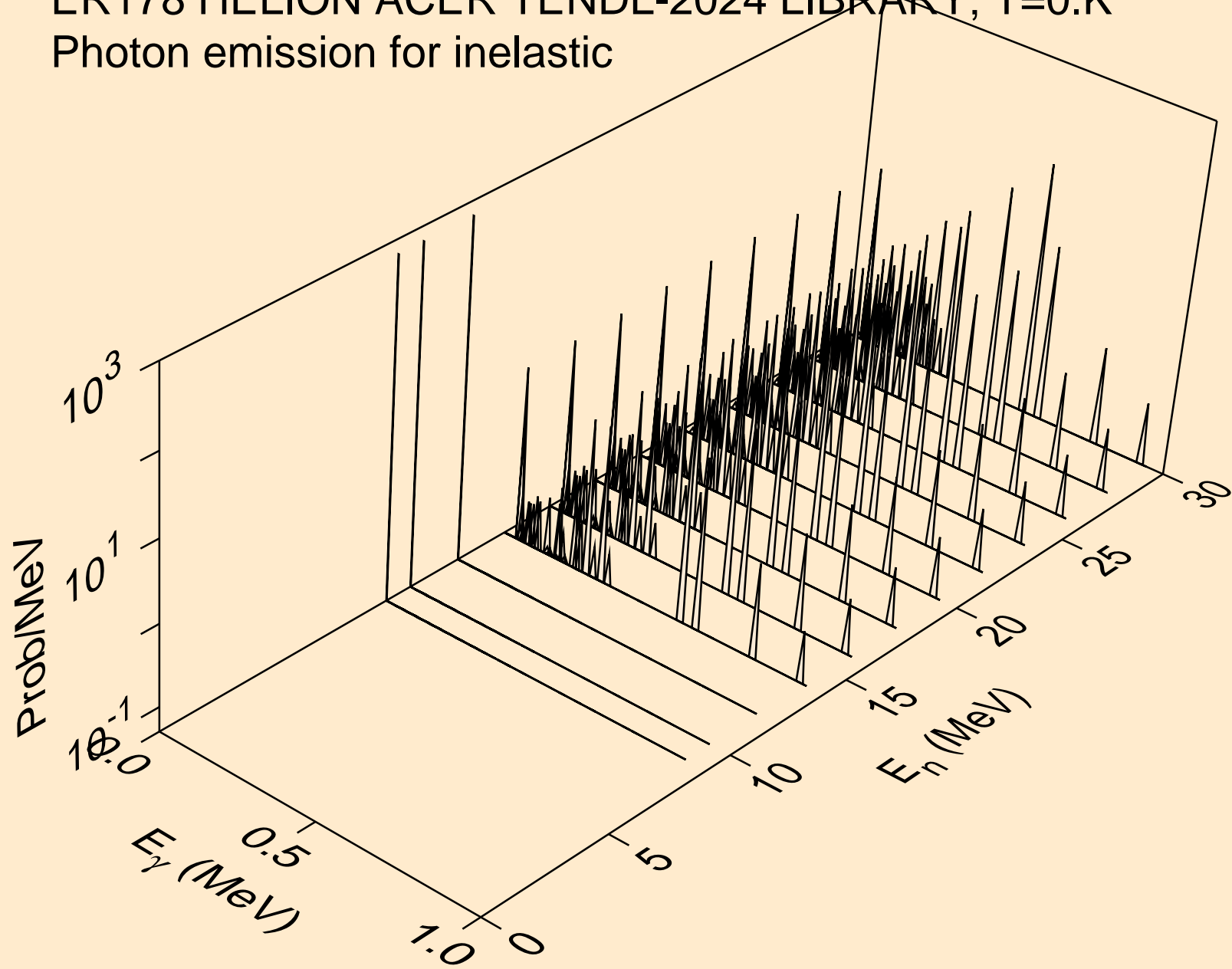
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Photon emission for (n,d)



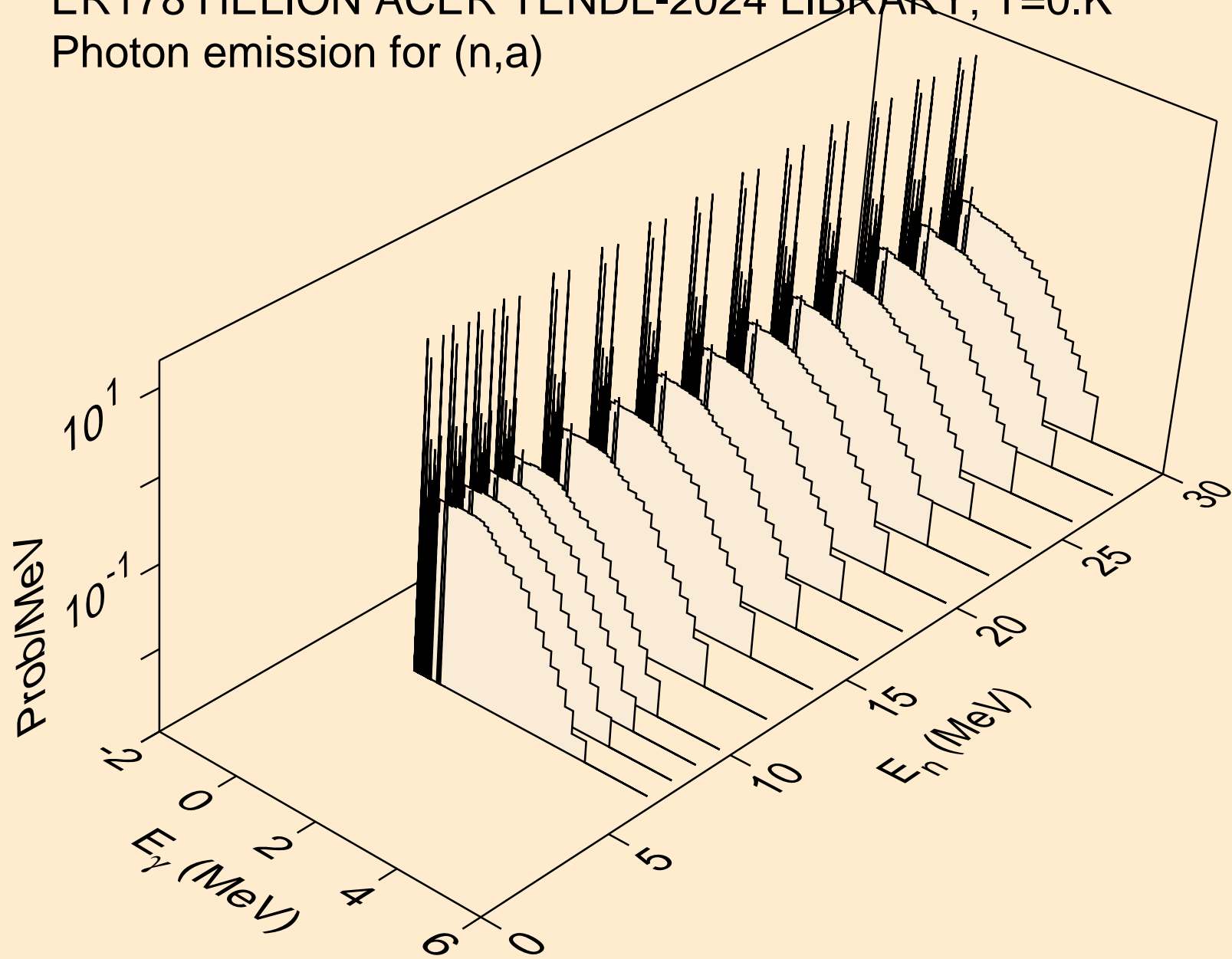
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



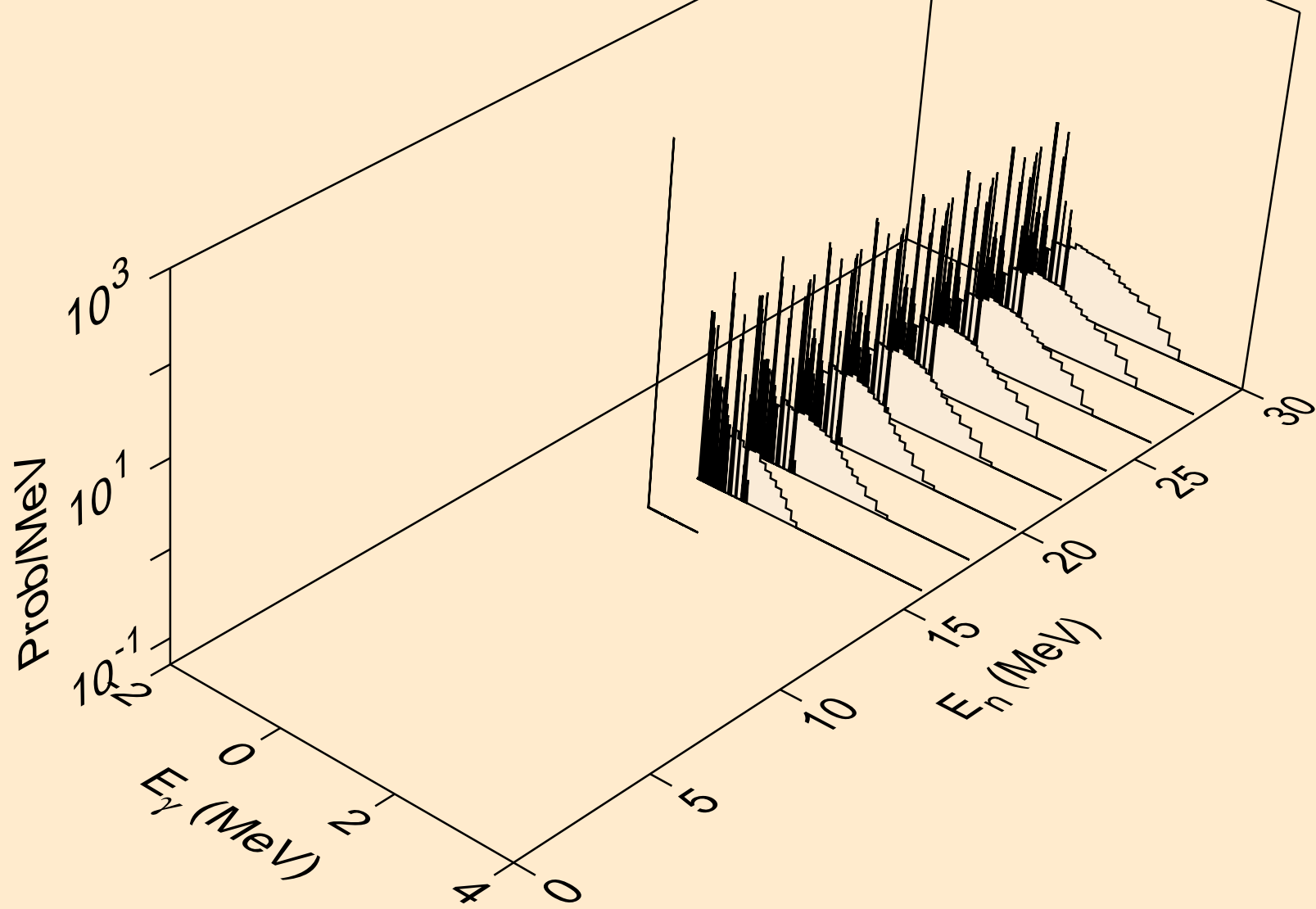
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



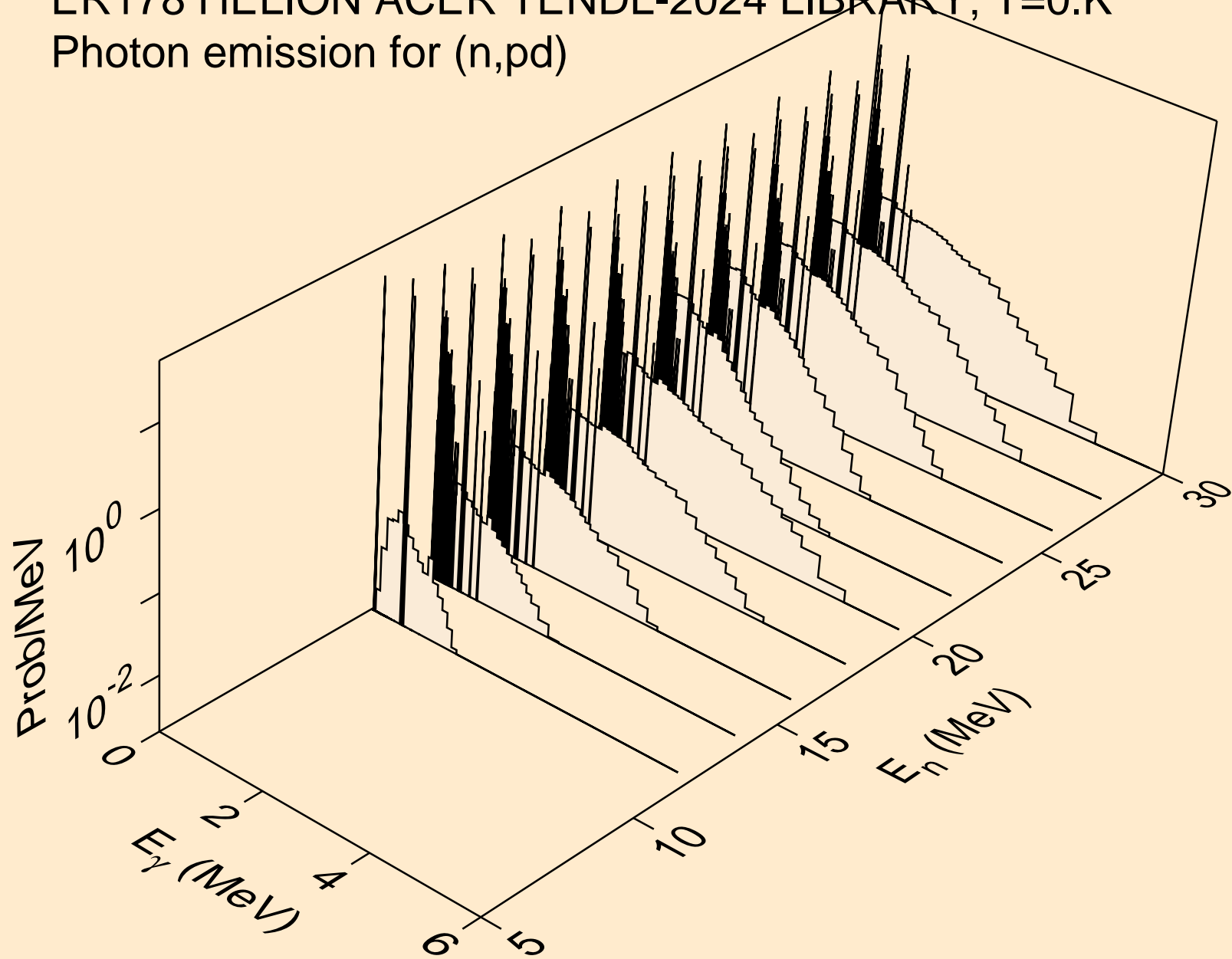
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Photon emission for (n,a)



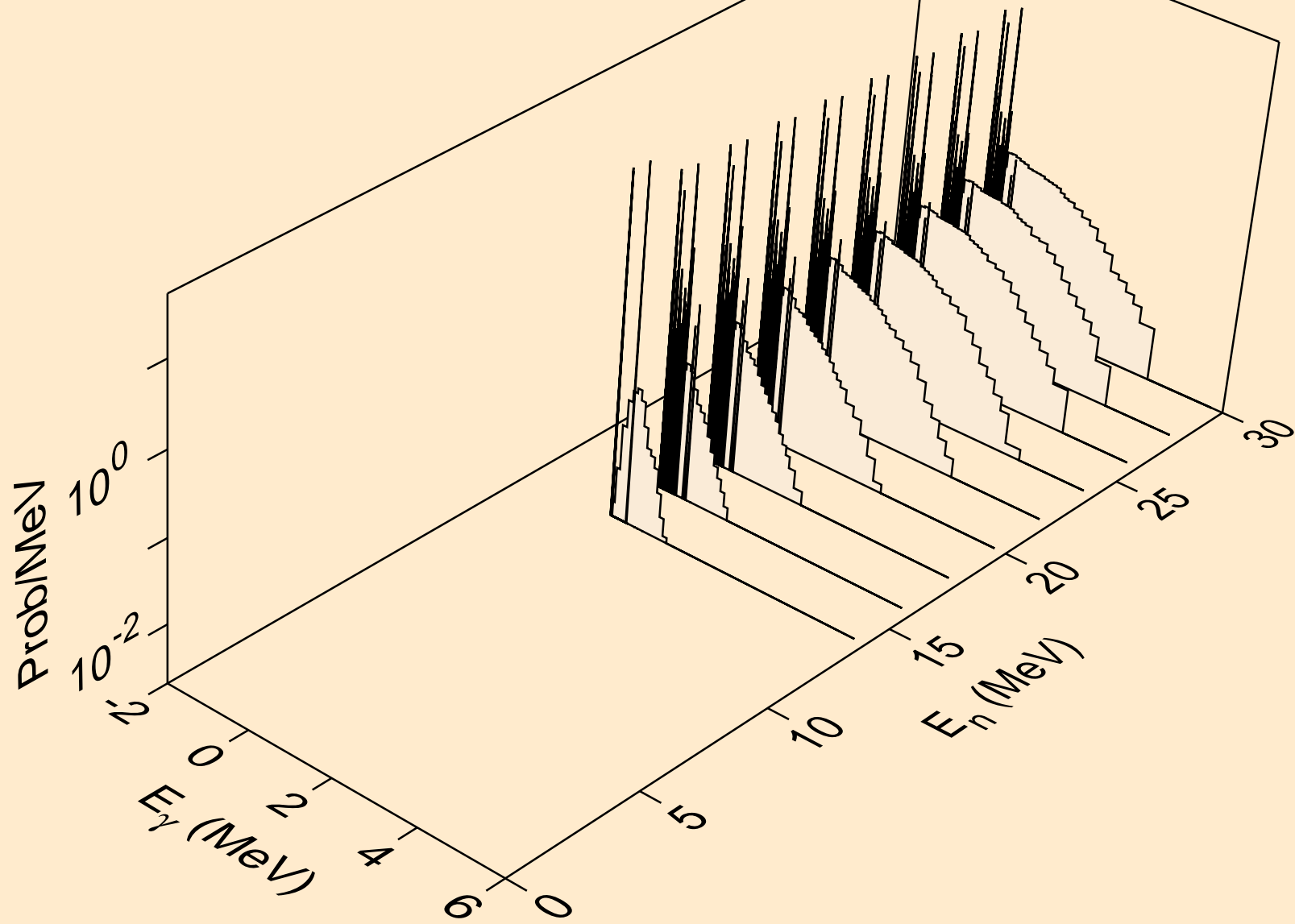
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Photon emission for (n,2p)



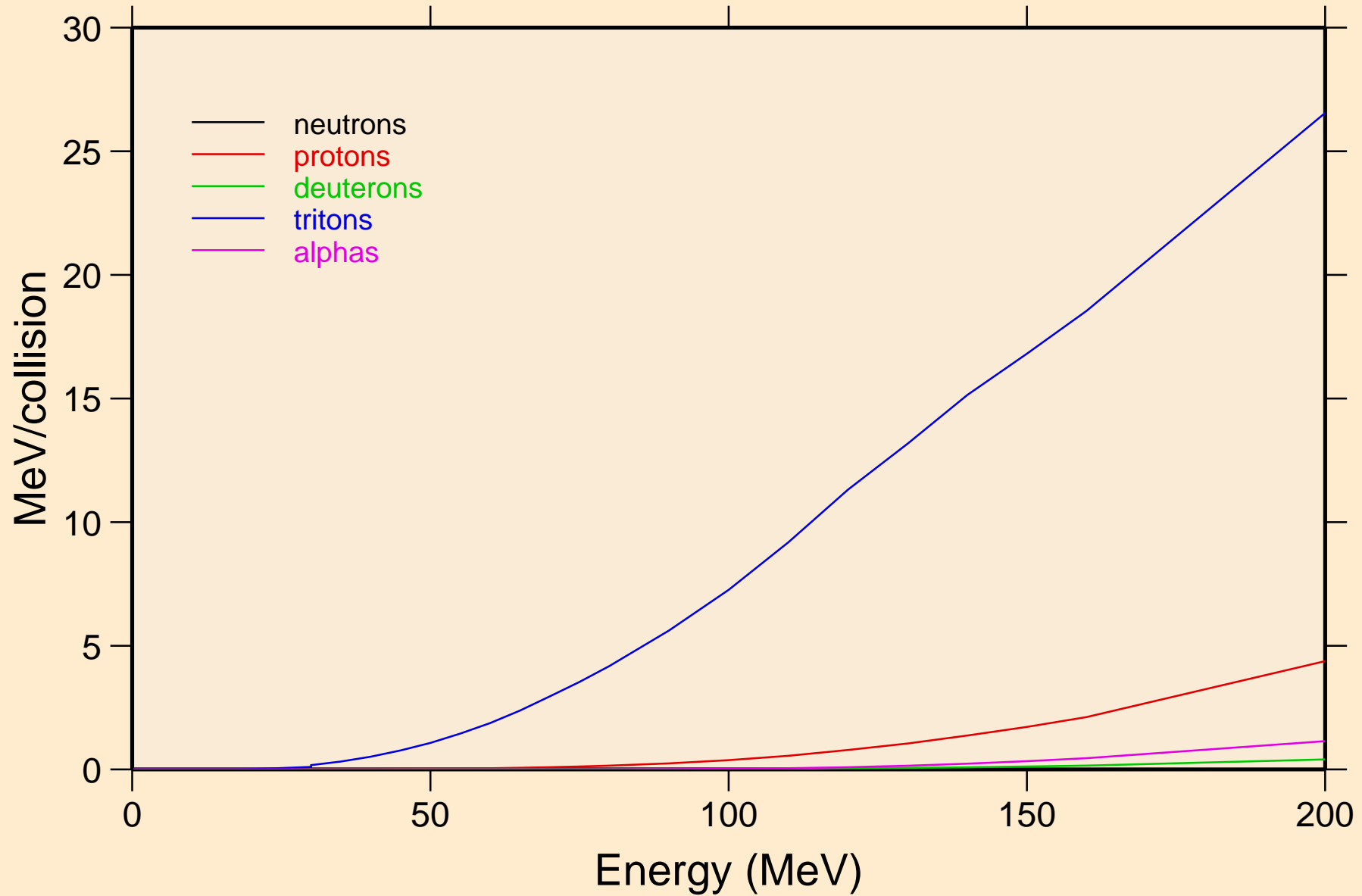
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Photon emission for (n,pd)



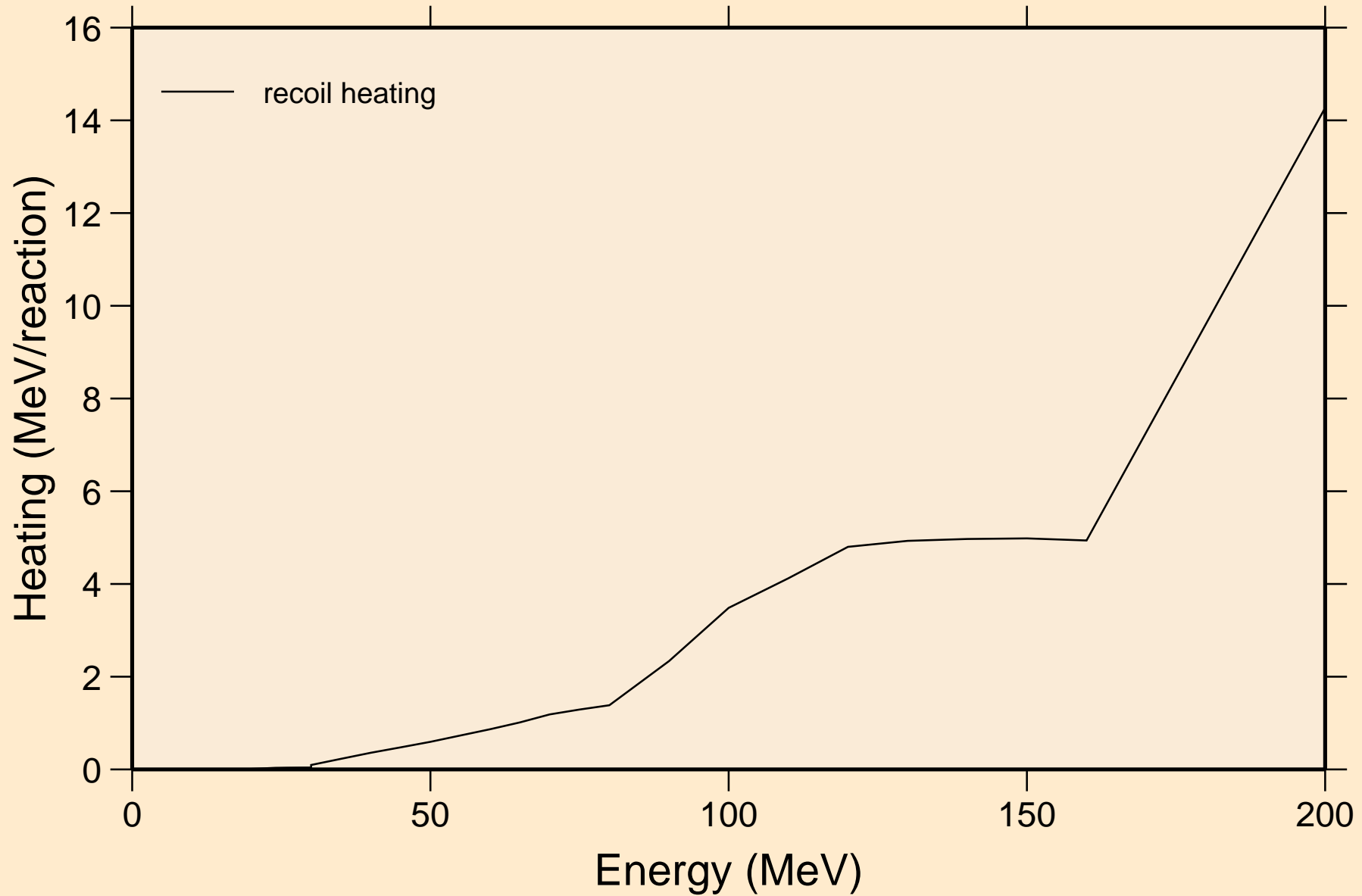
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Photon emission for (n,pt)



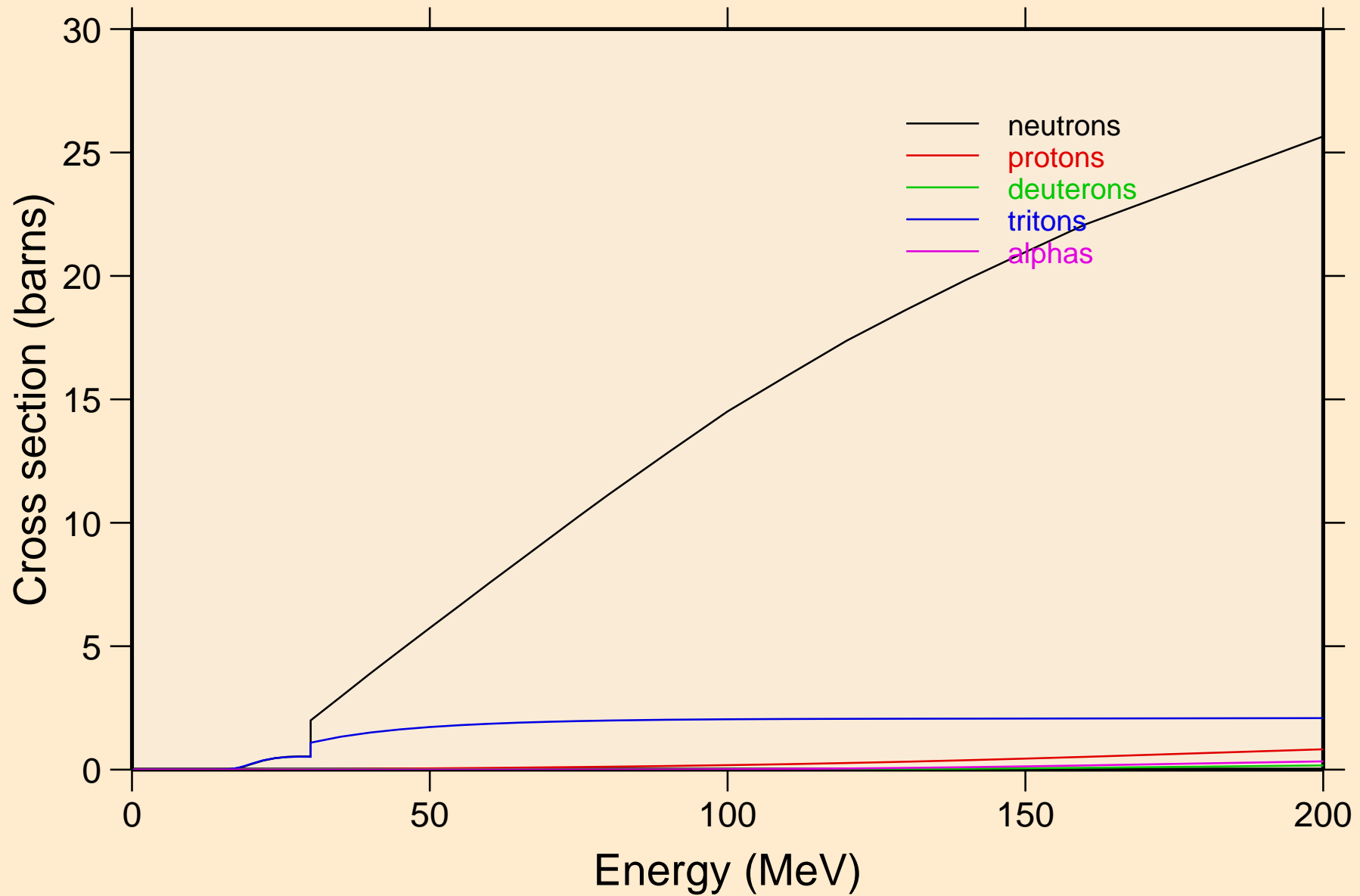
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



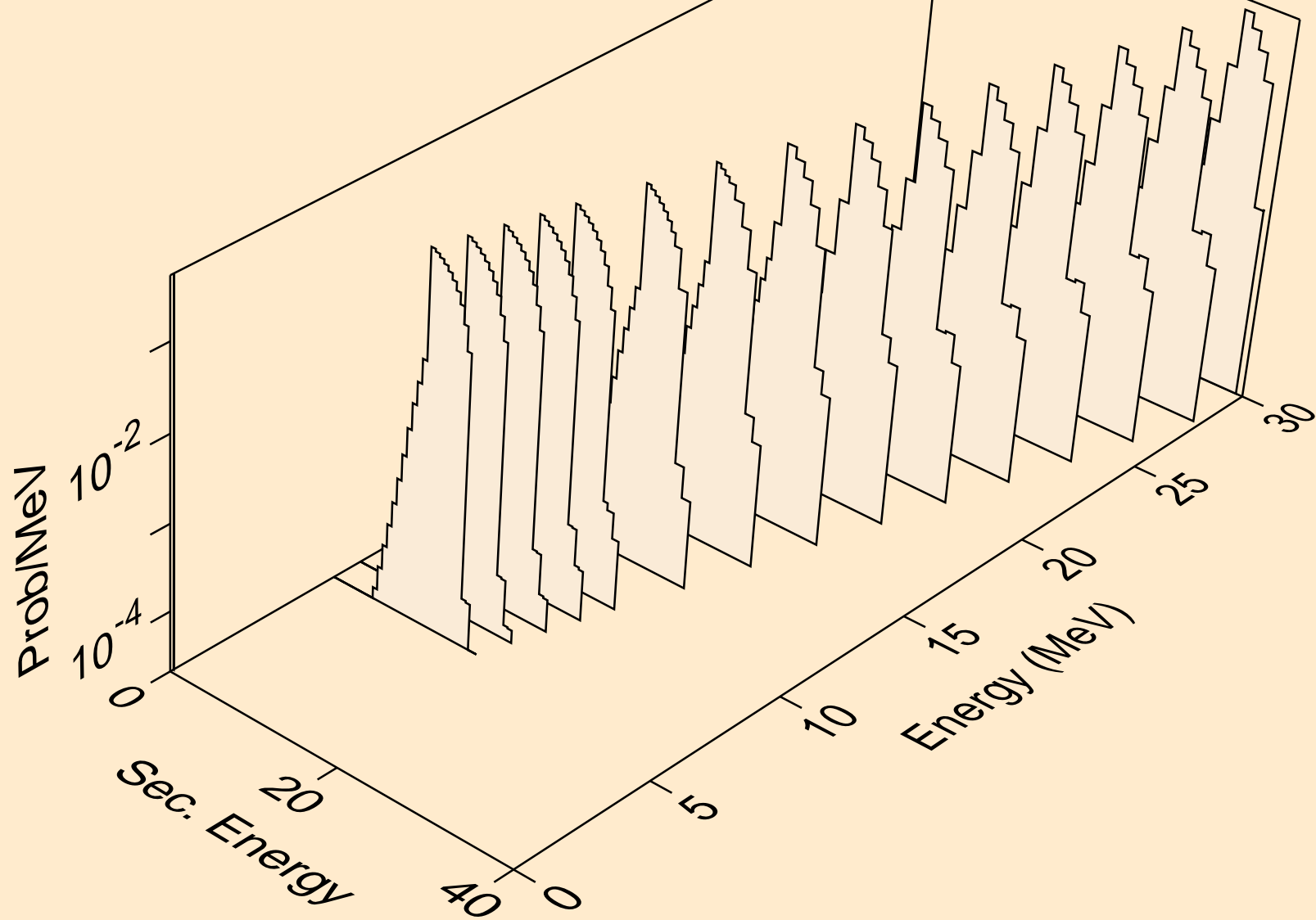
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Recoil Heating



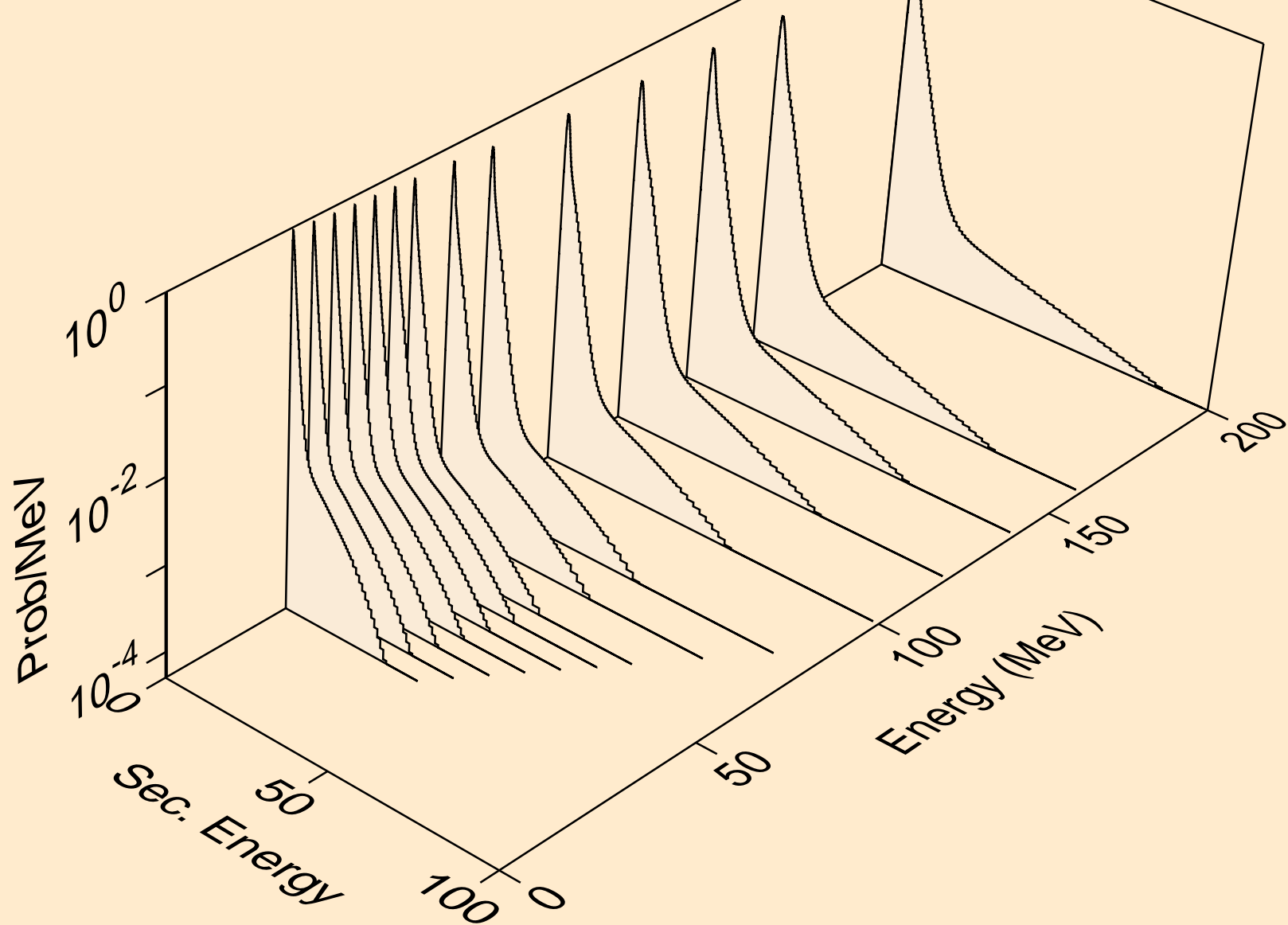
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



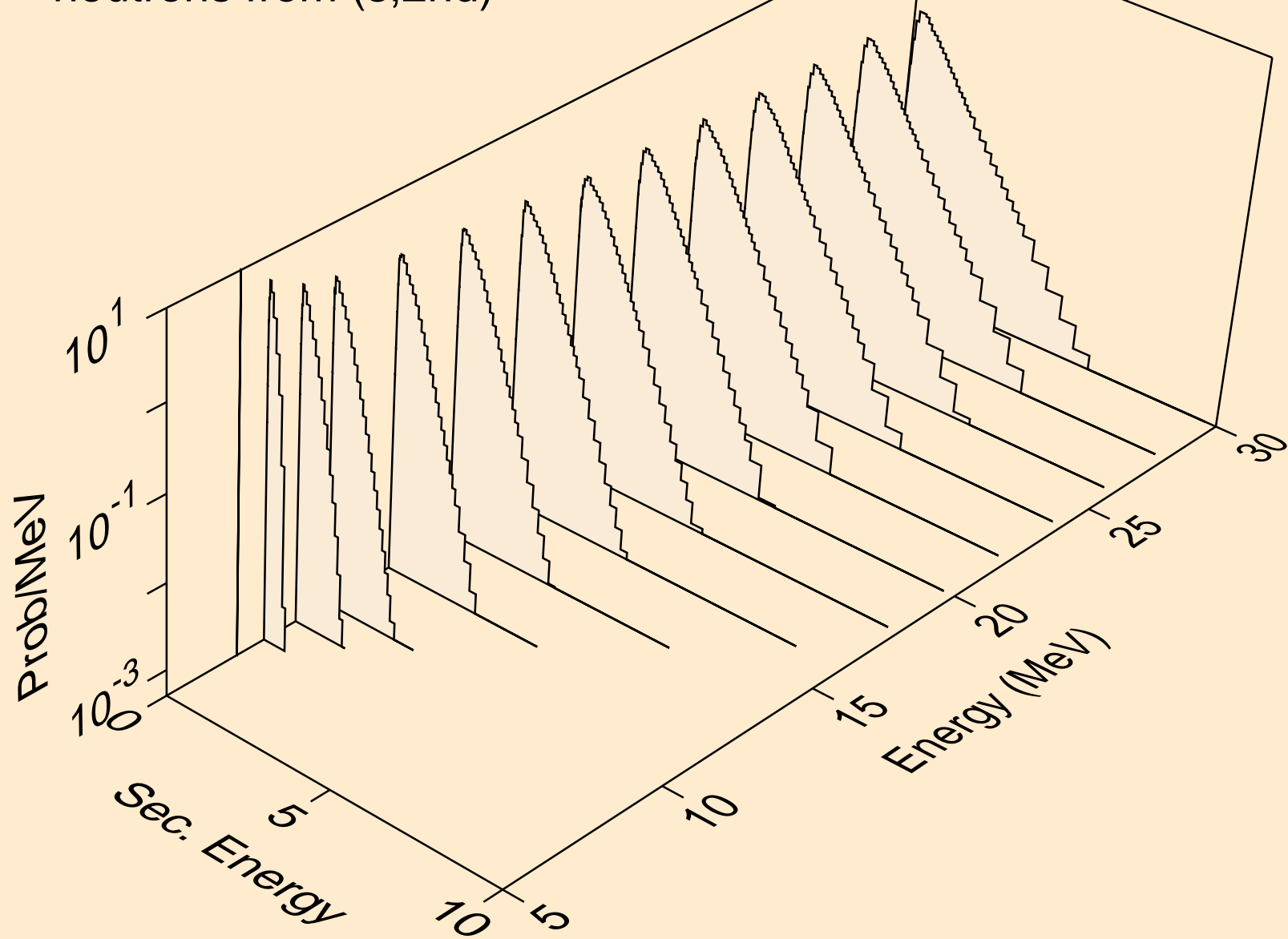
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



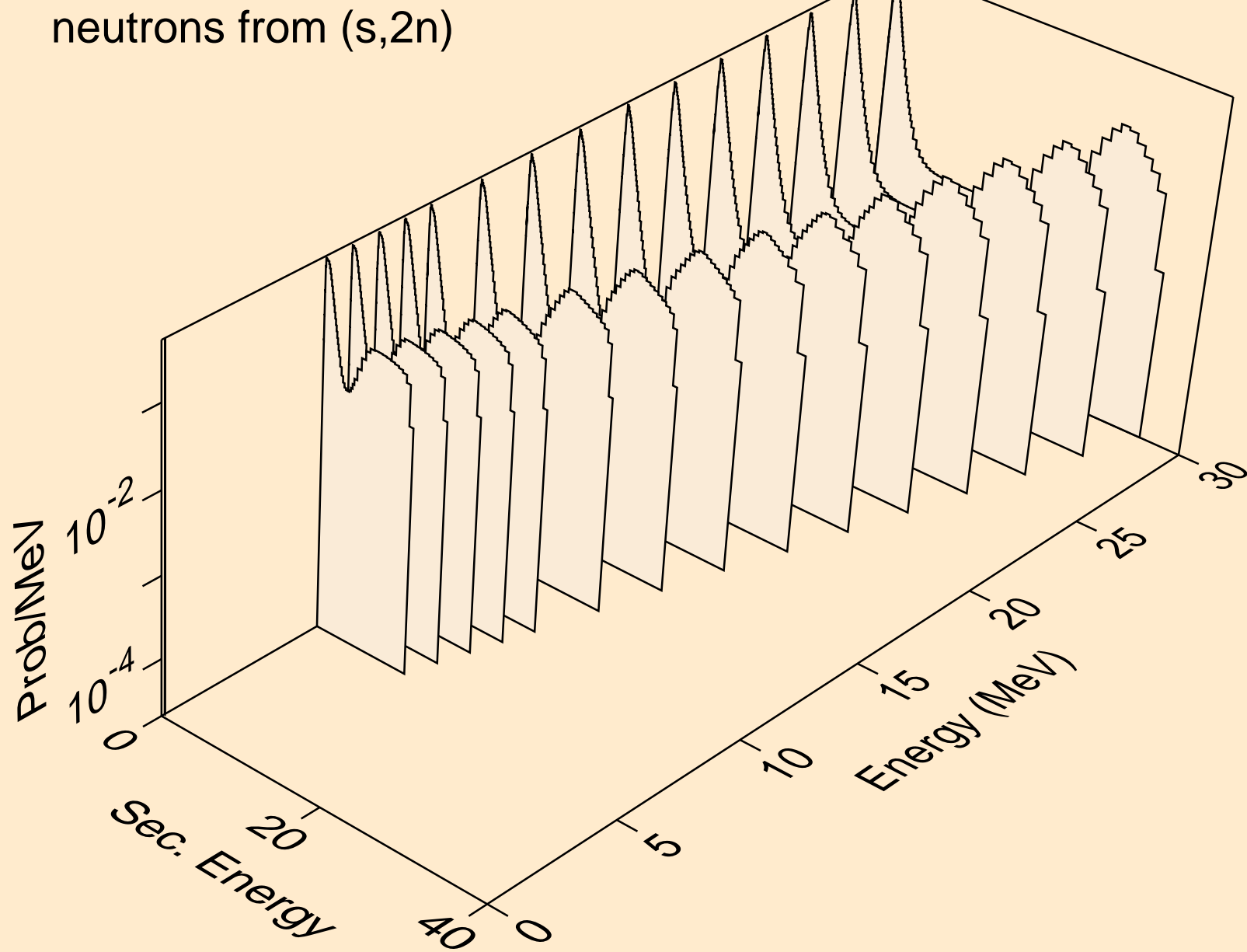
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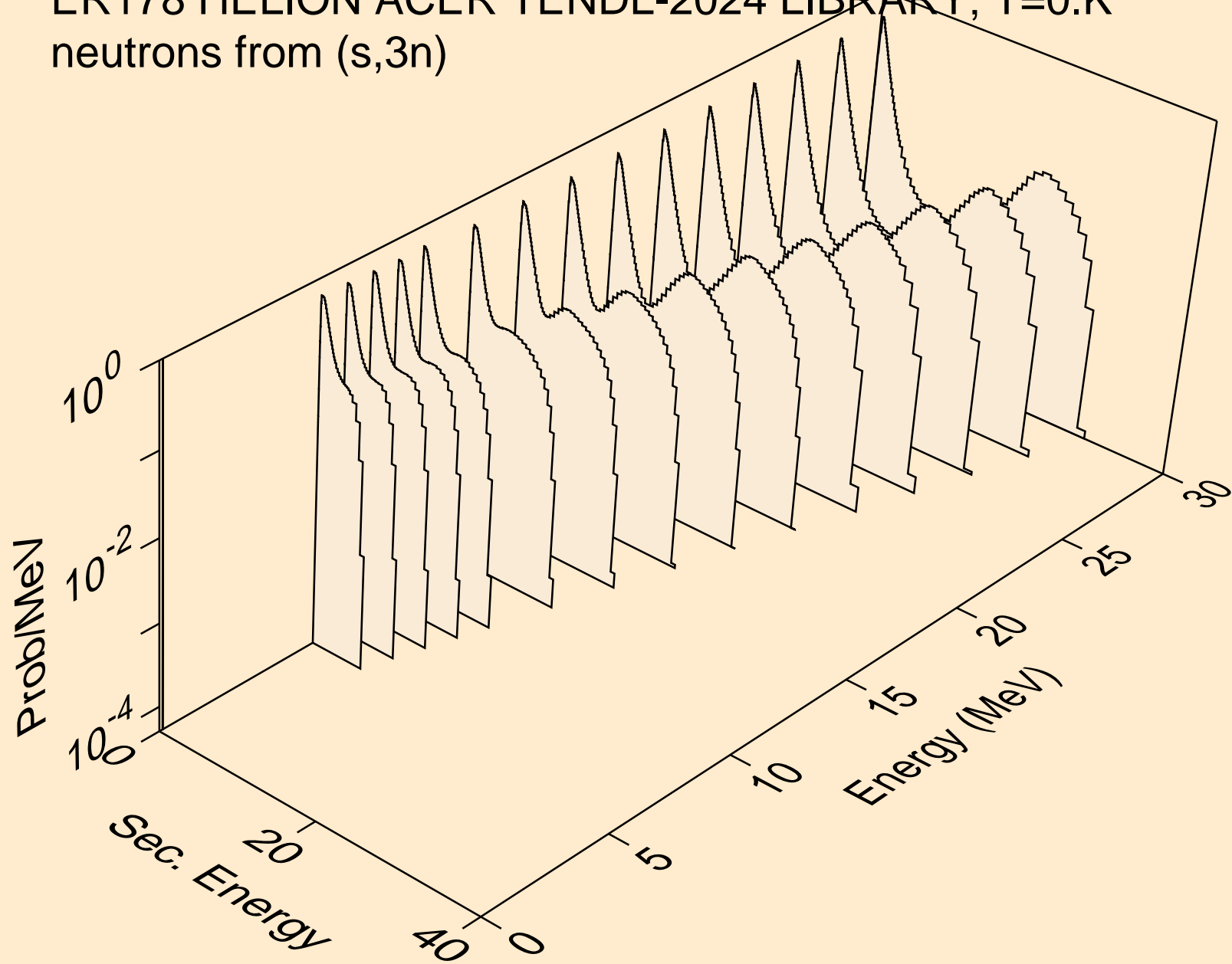
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neutrons from (s,2nd)



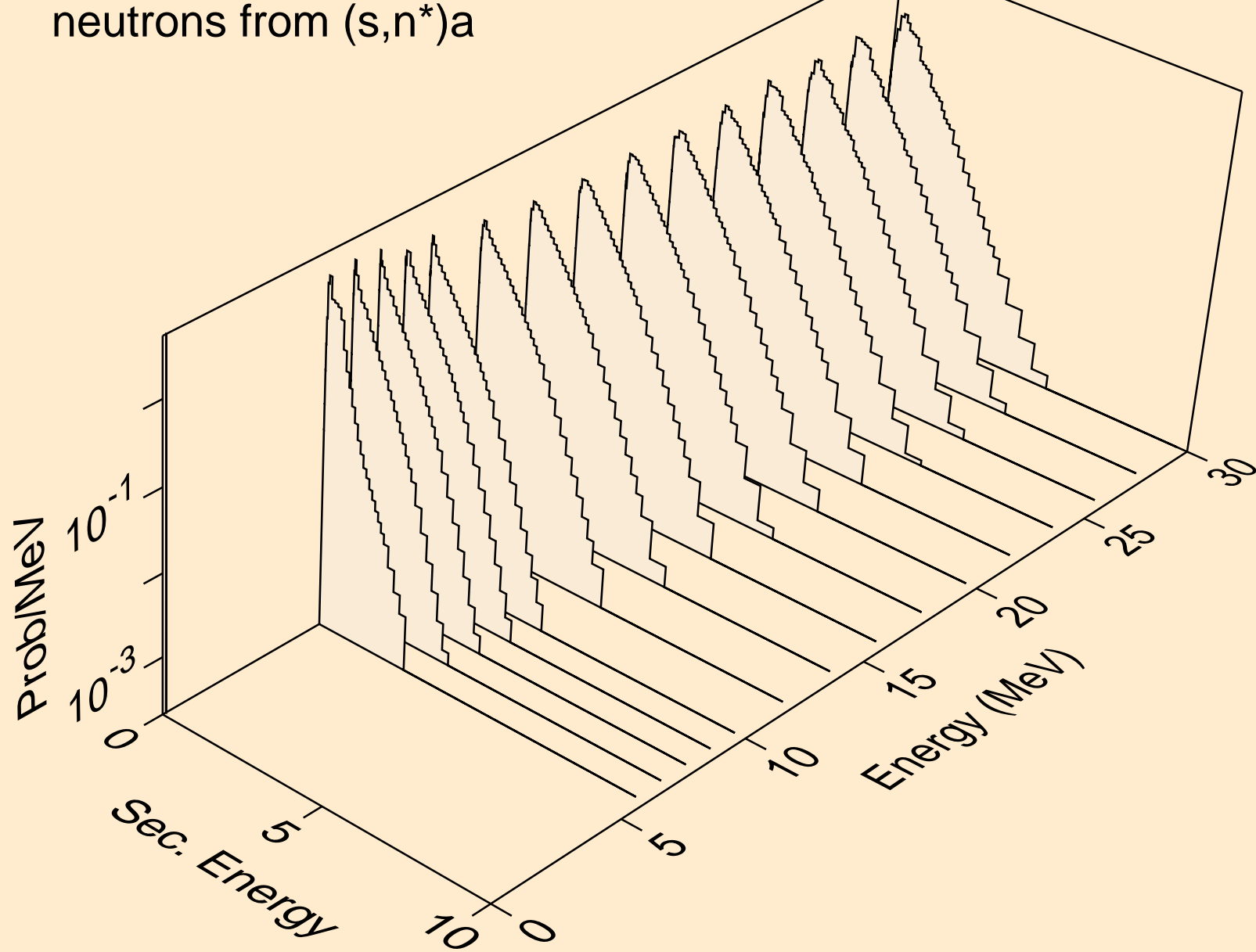
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



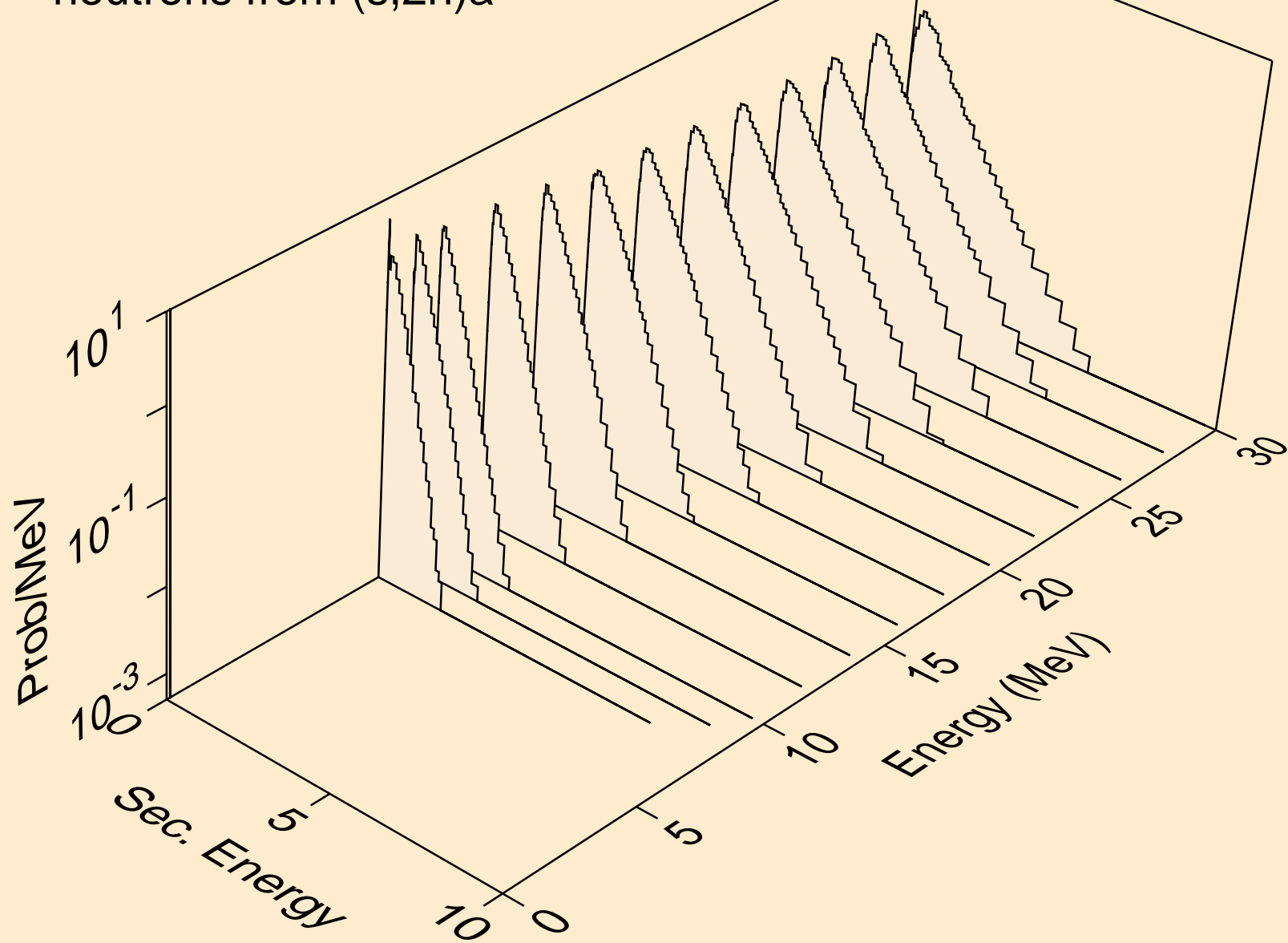
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neutrons from (s,3n)



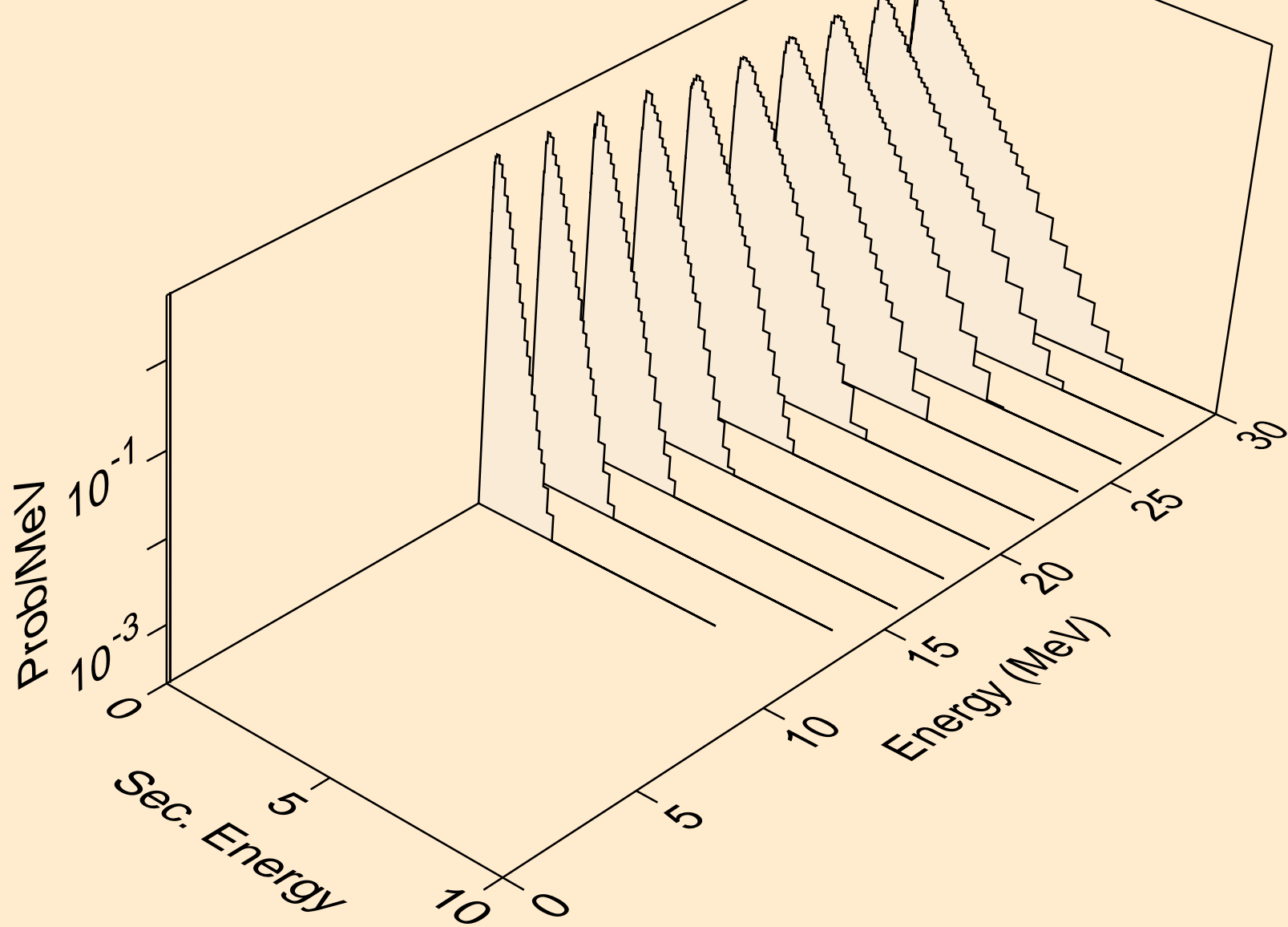
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



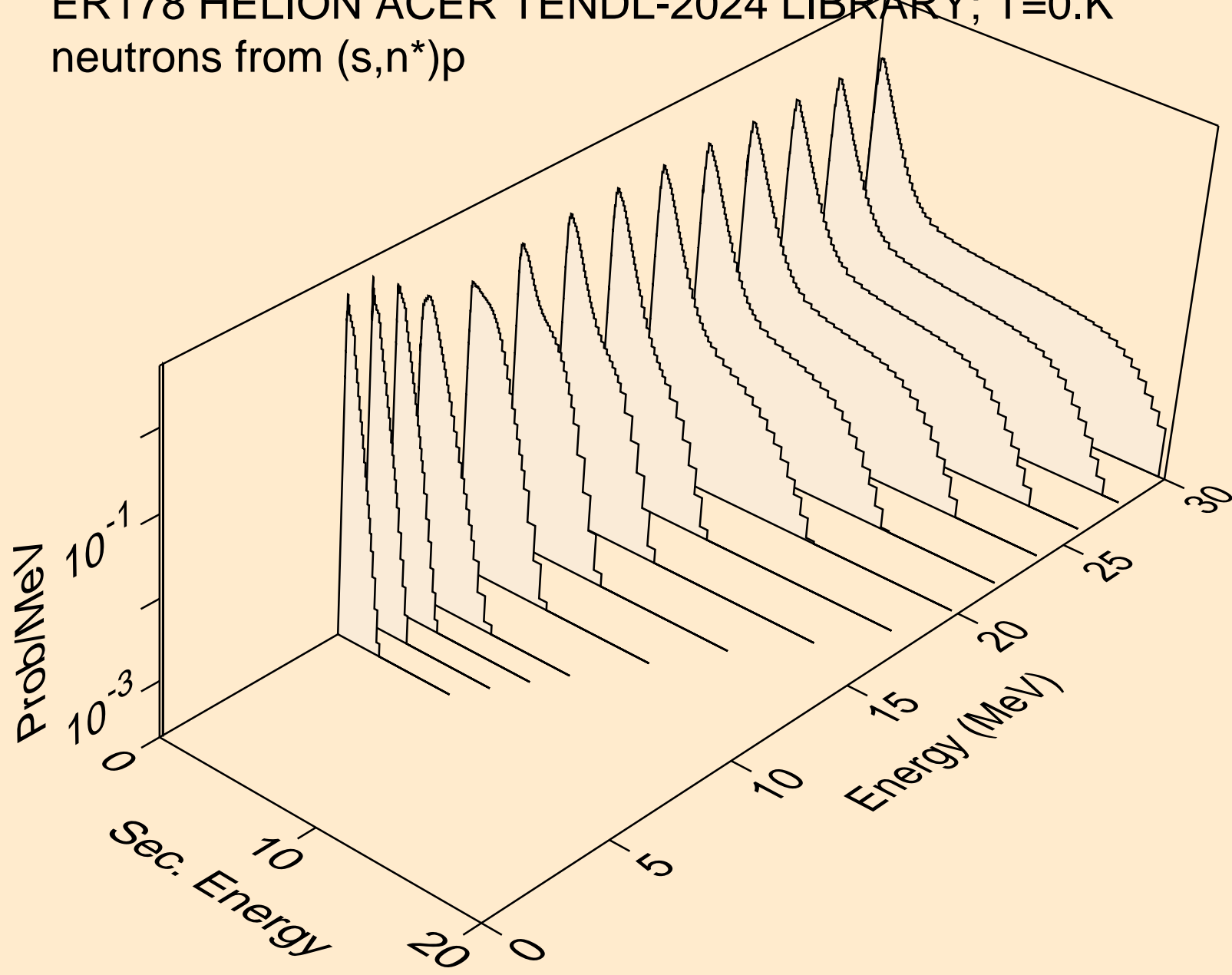
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neutrons from (s,2n)a



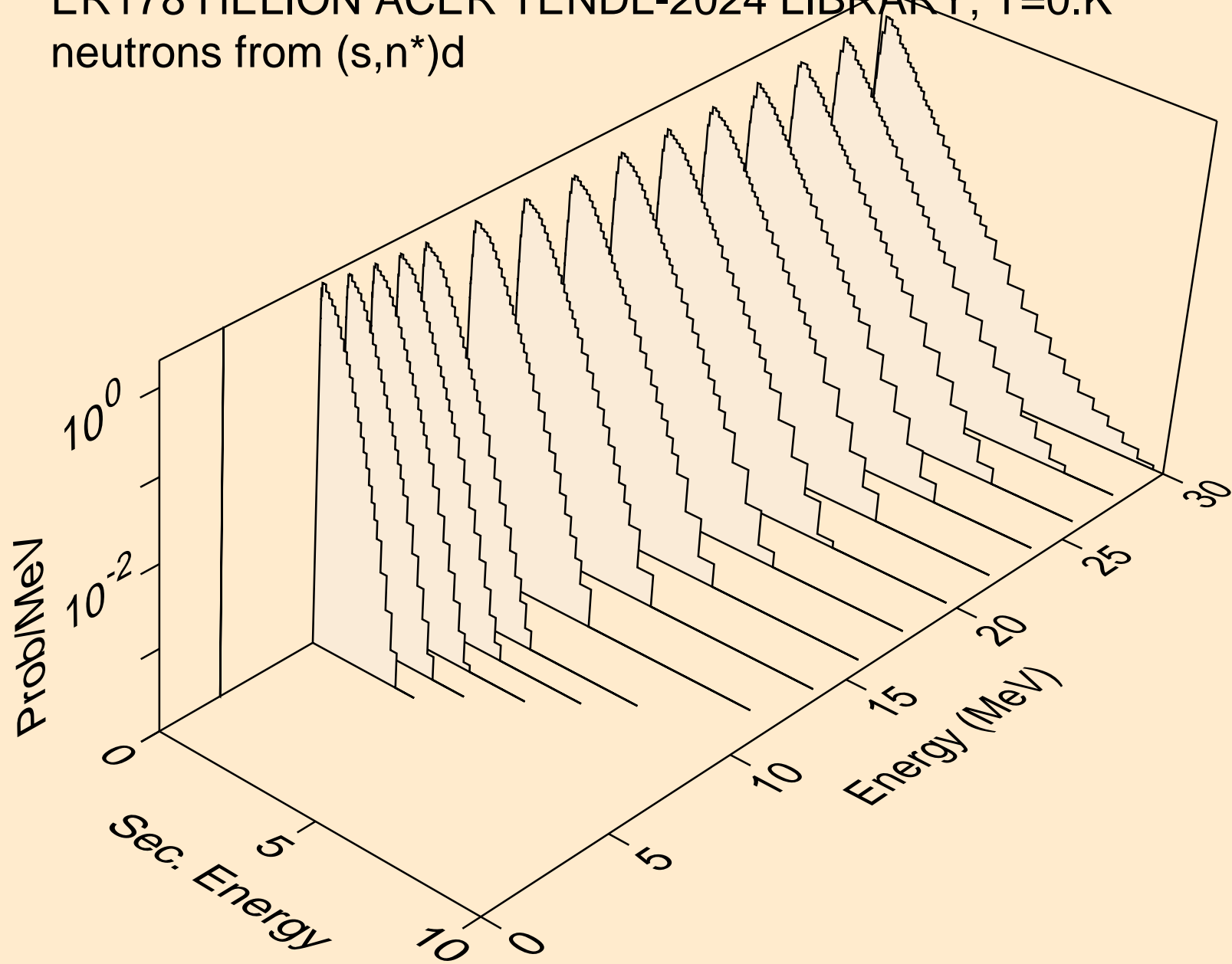
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neutrons from (s,3n)a



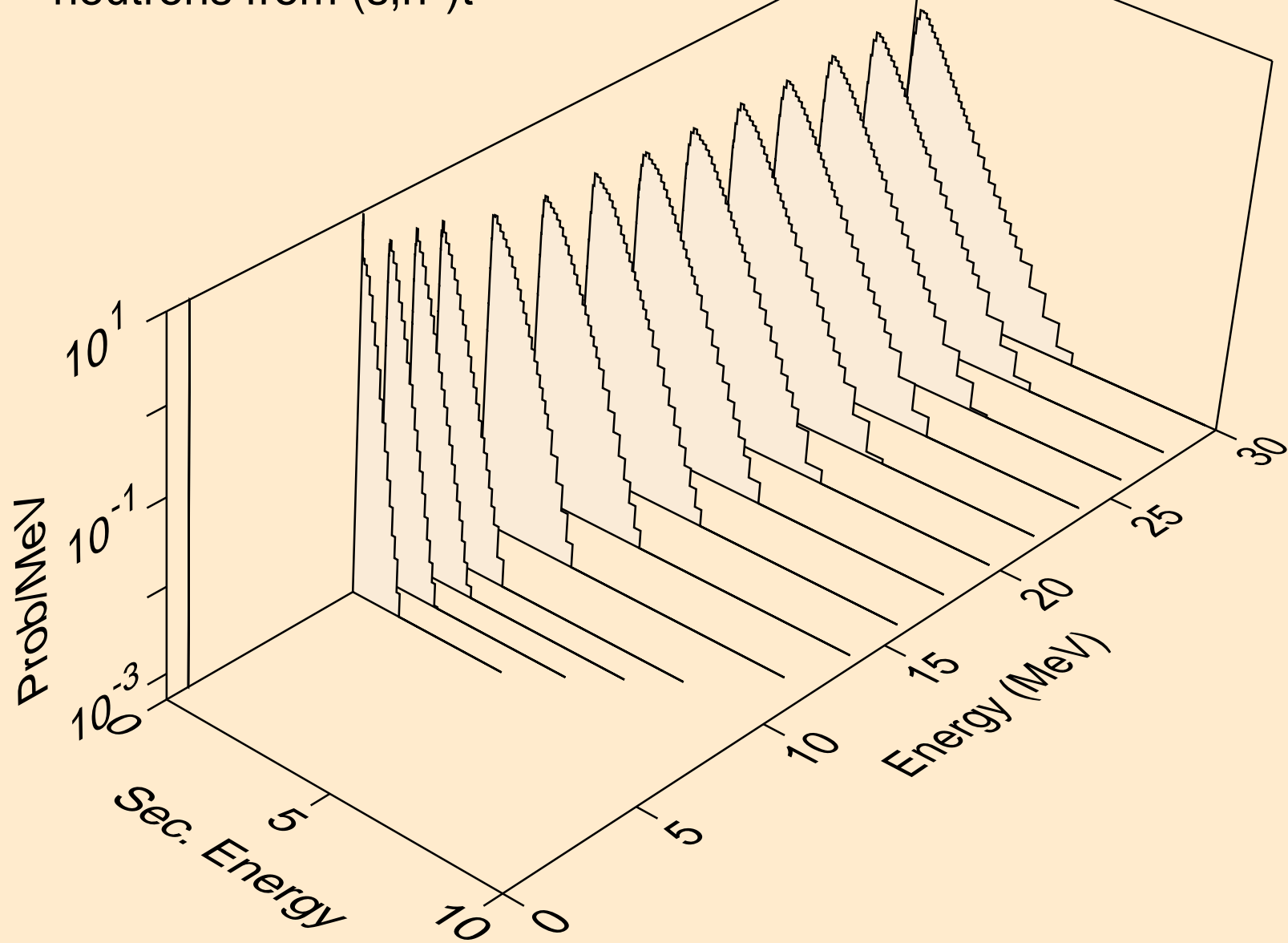
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p



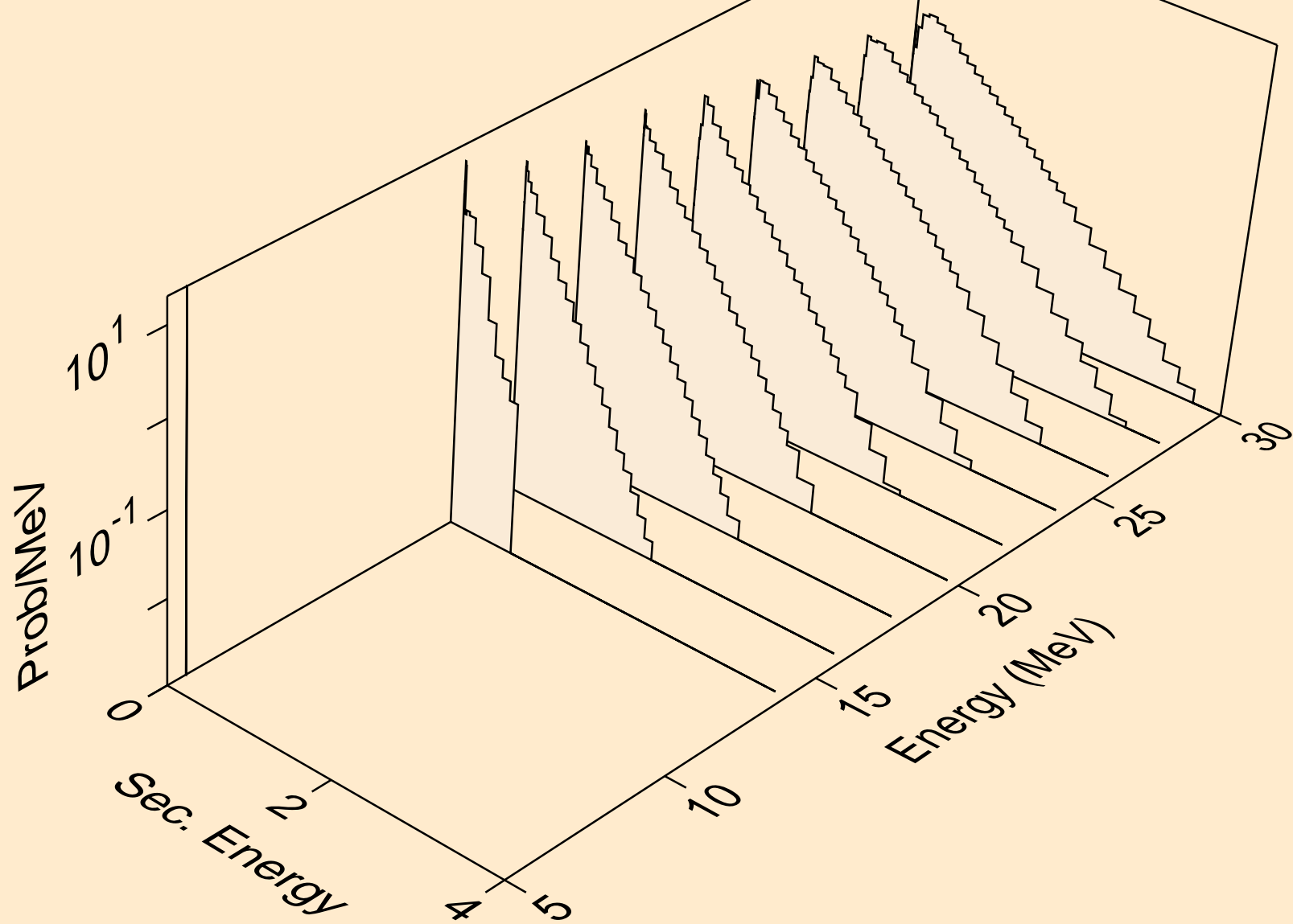
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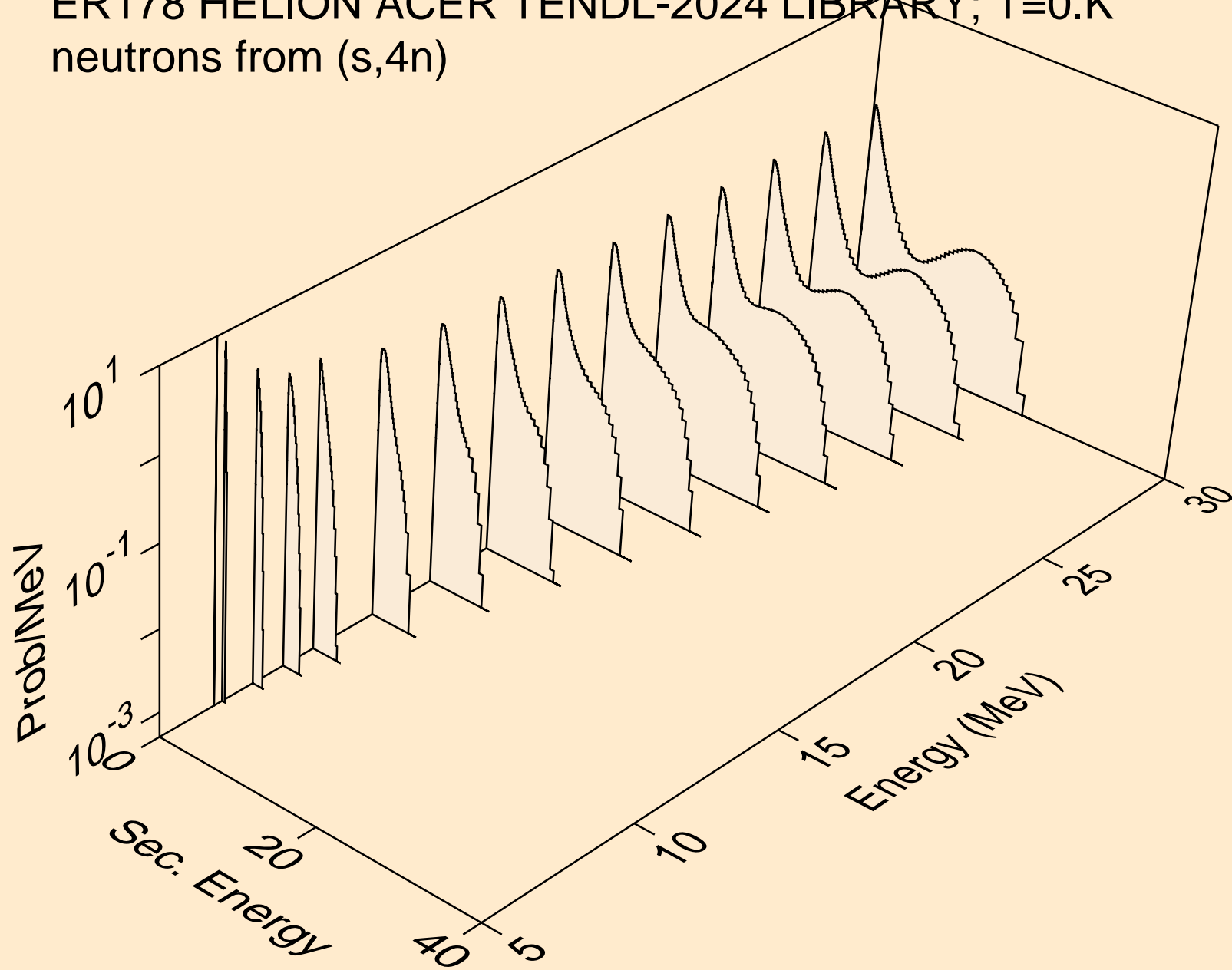
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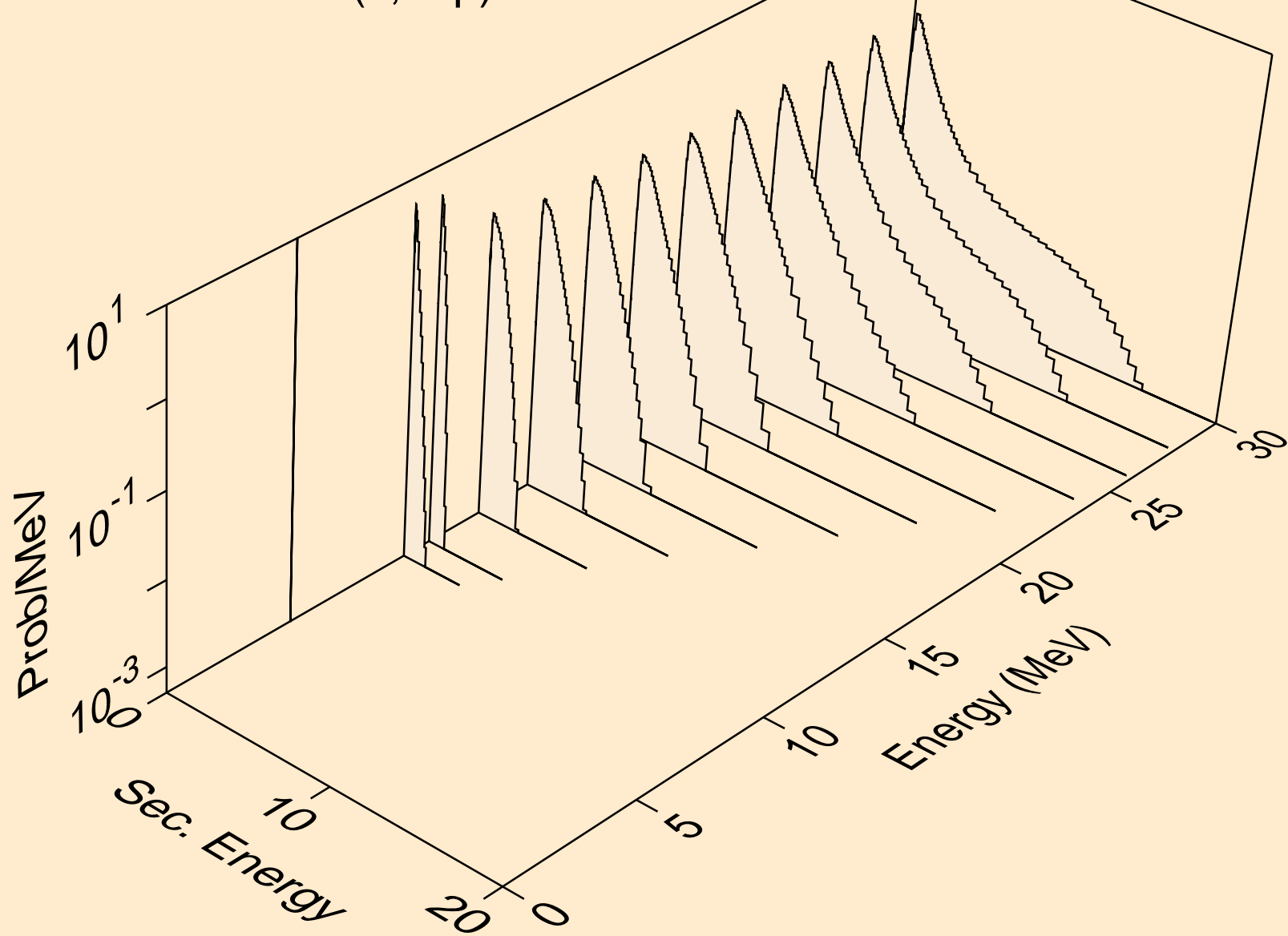
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



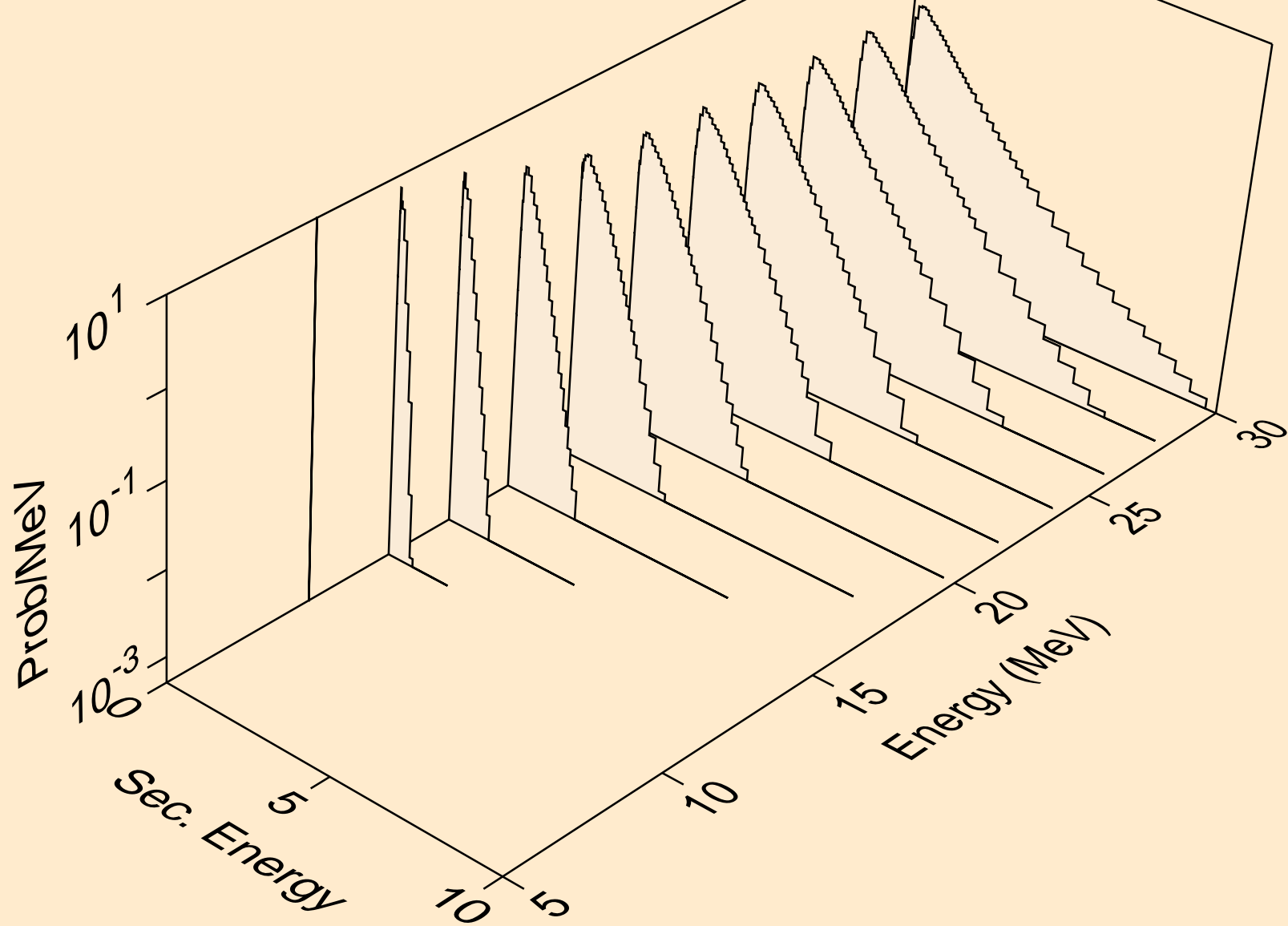
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,4n)



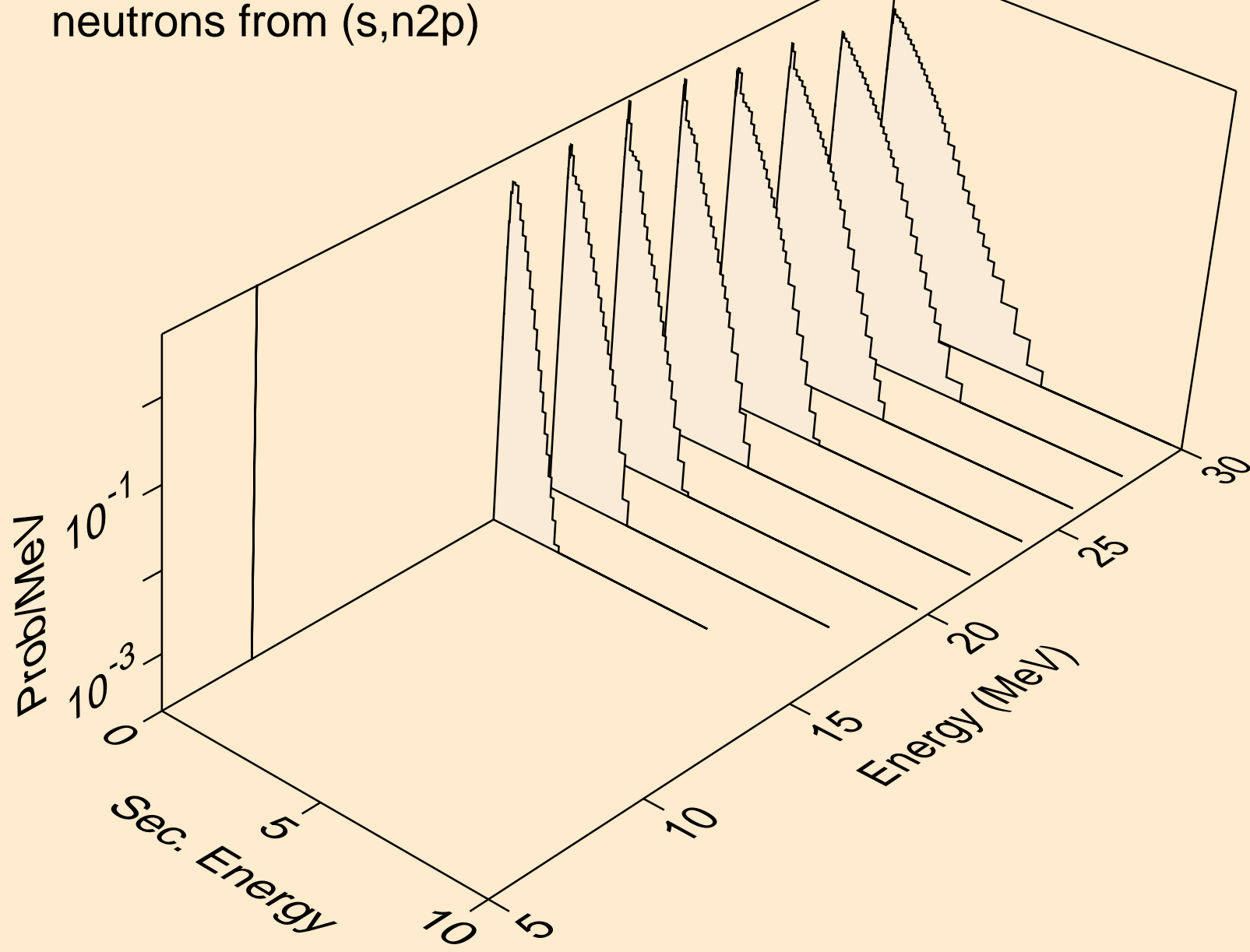
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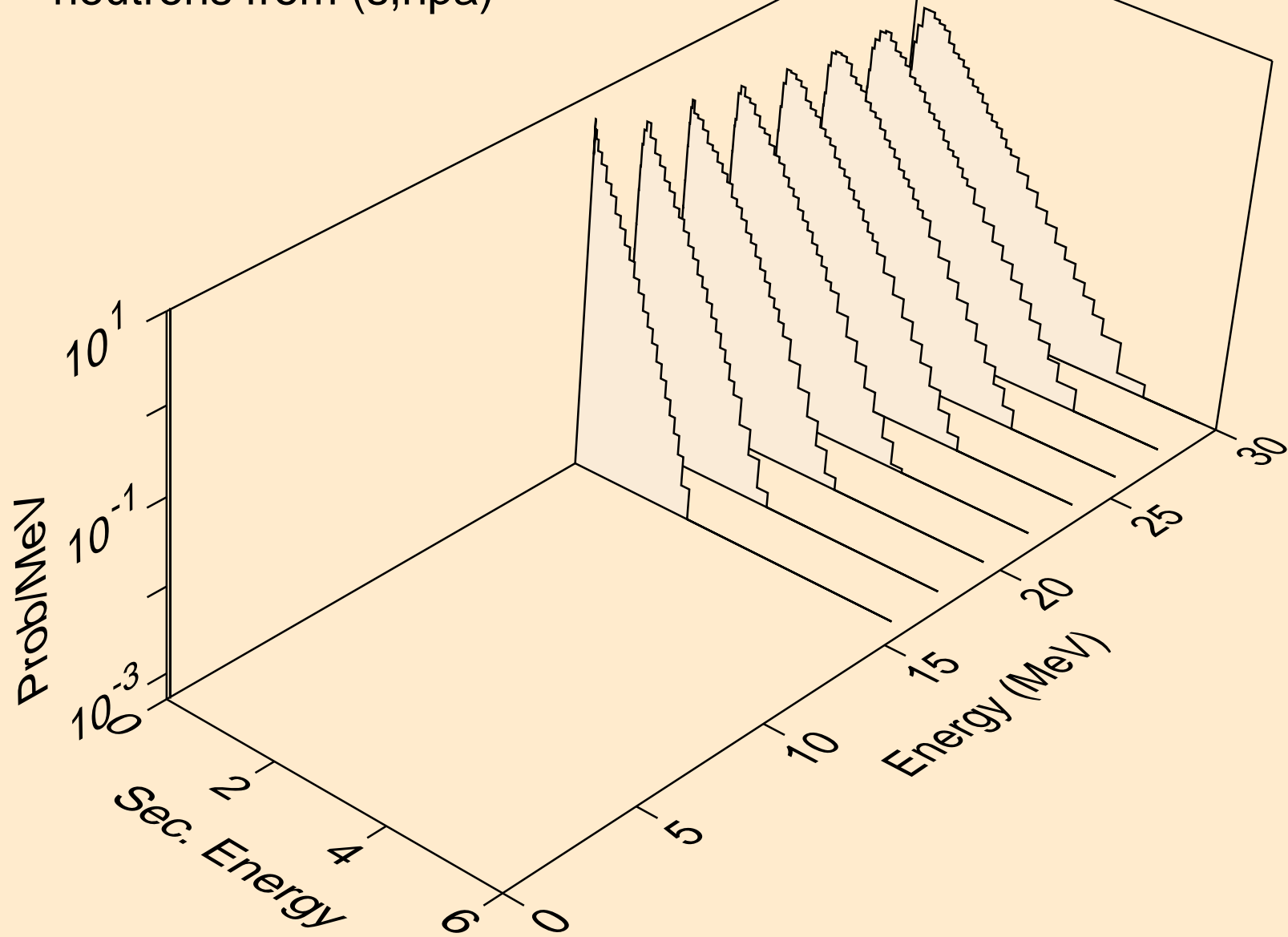
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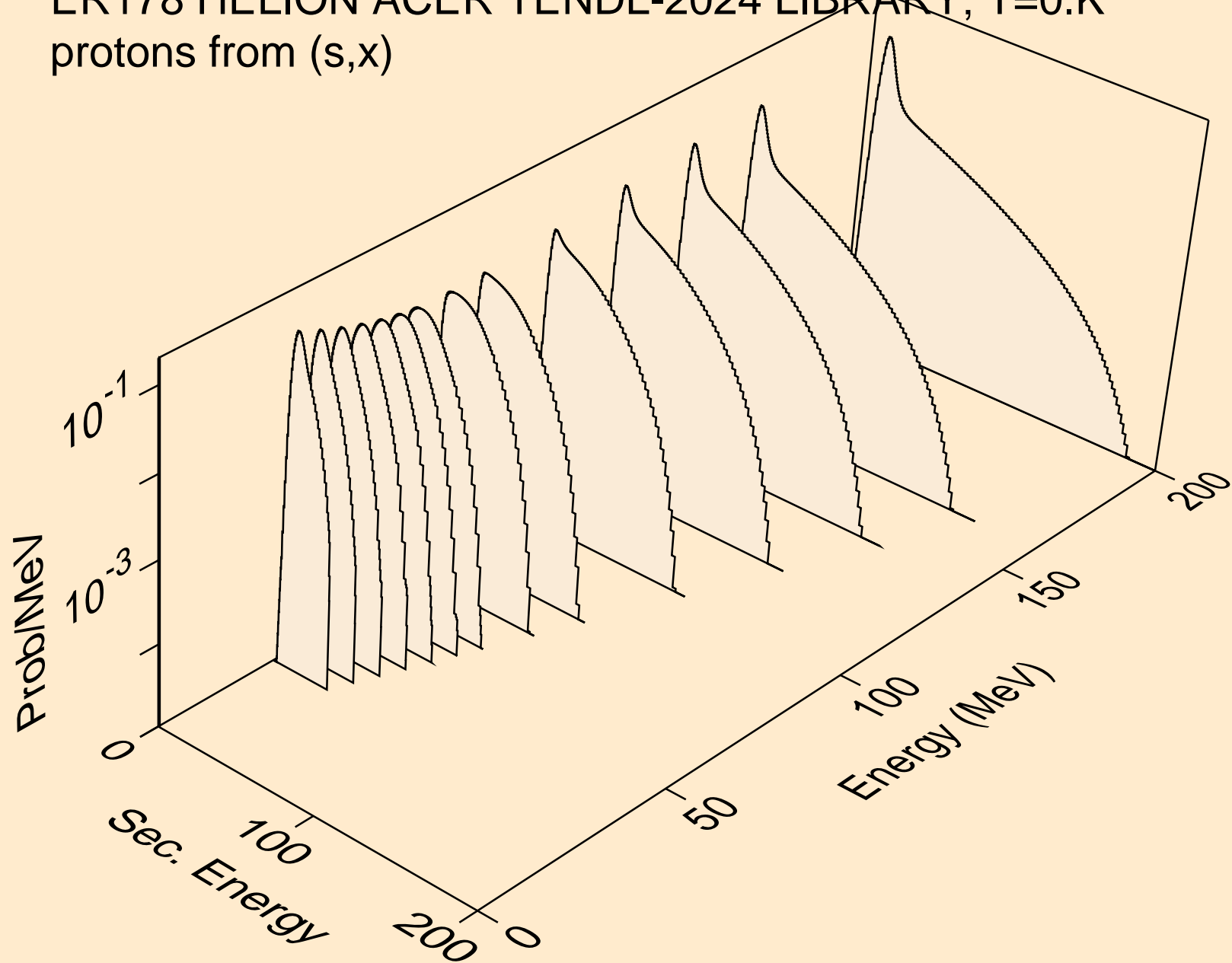
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neutrons from (s,n2p)



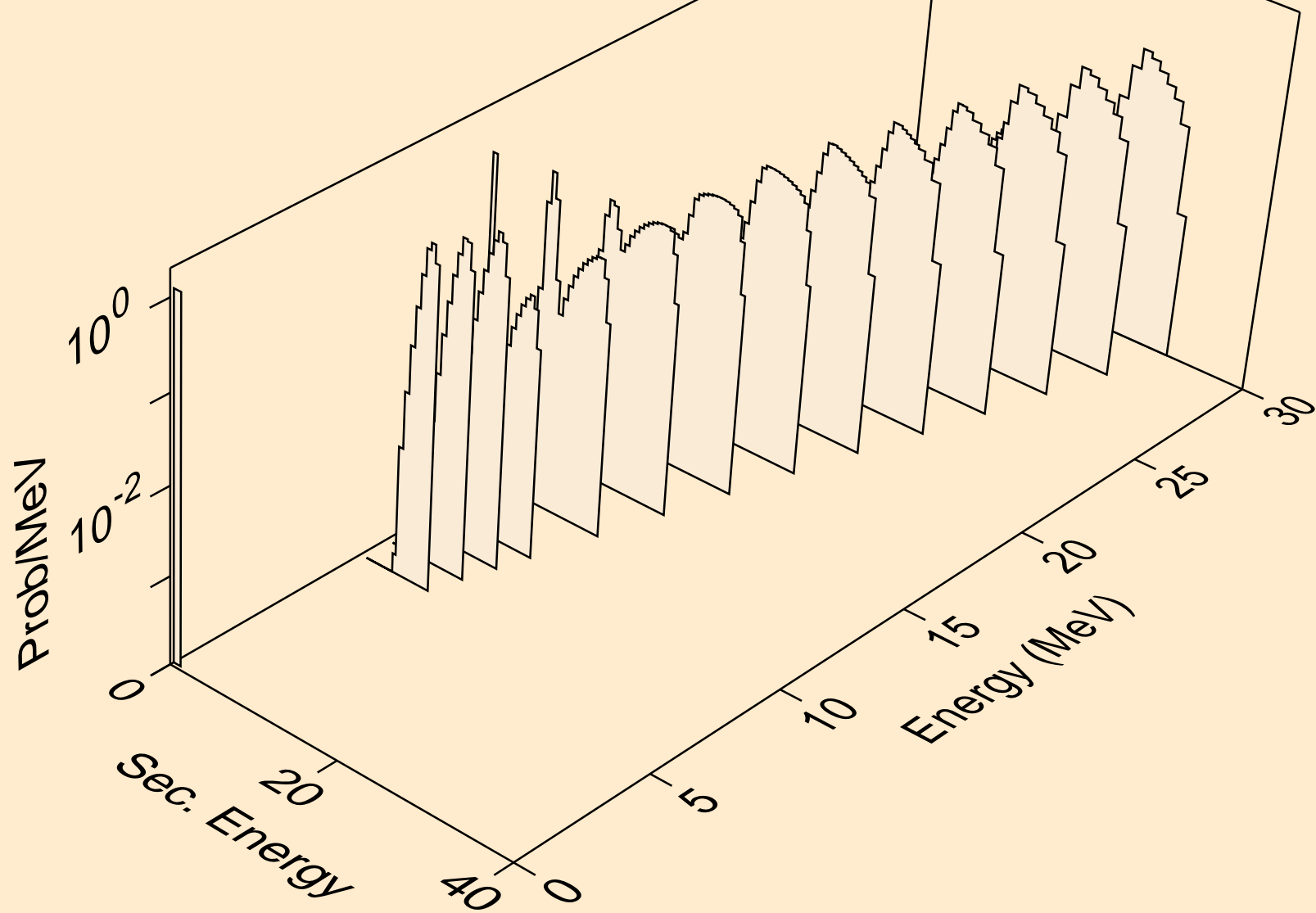
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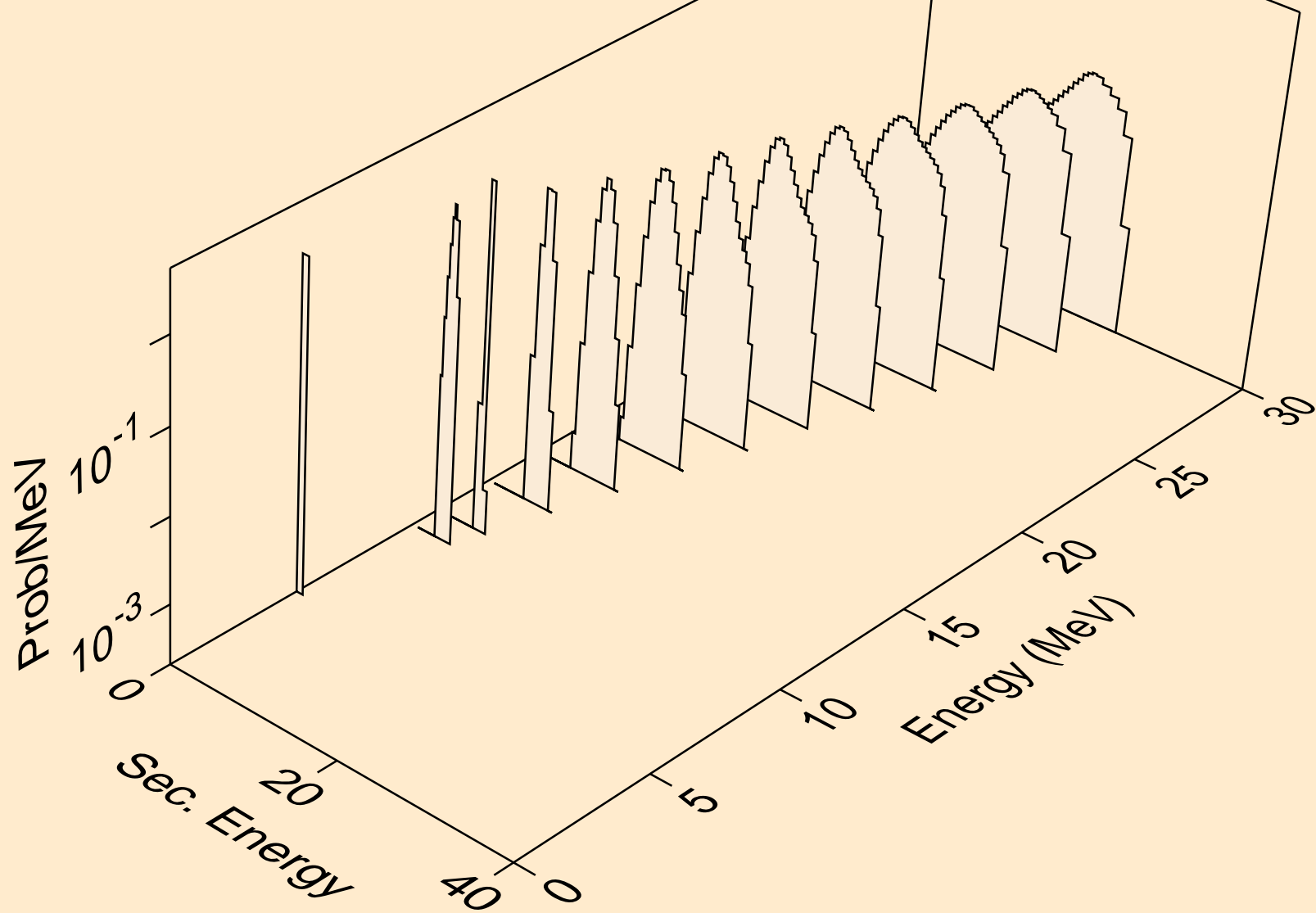
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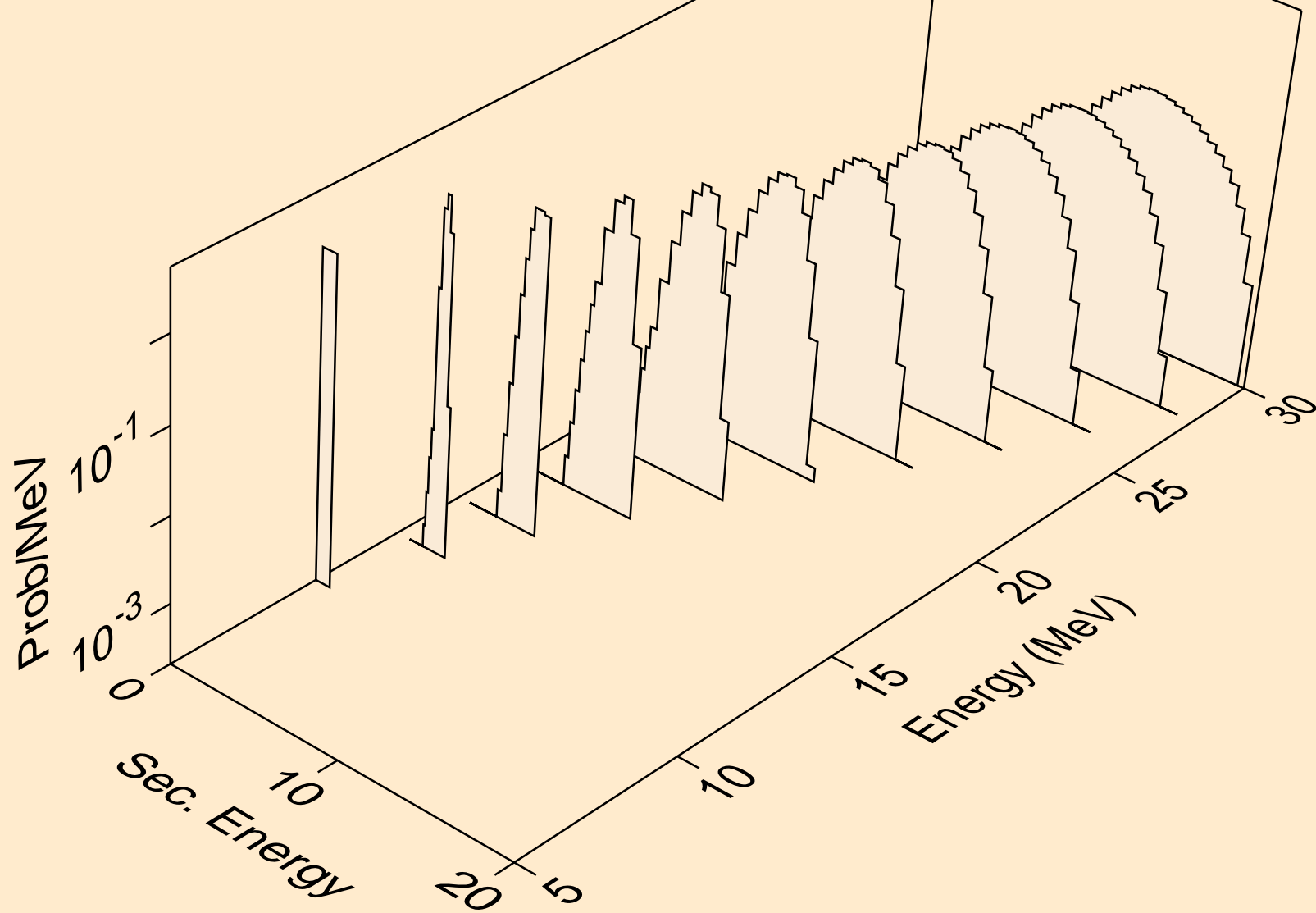
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protons from (s,n\*)p



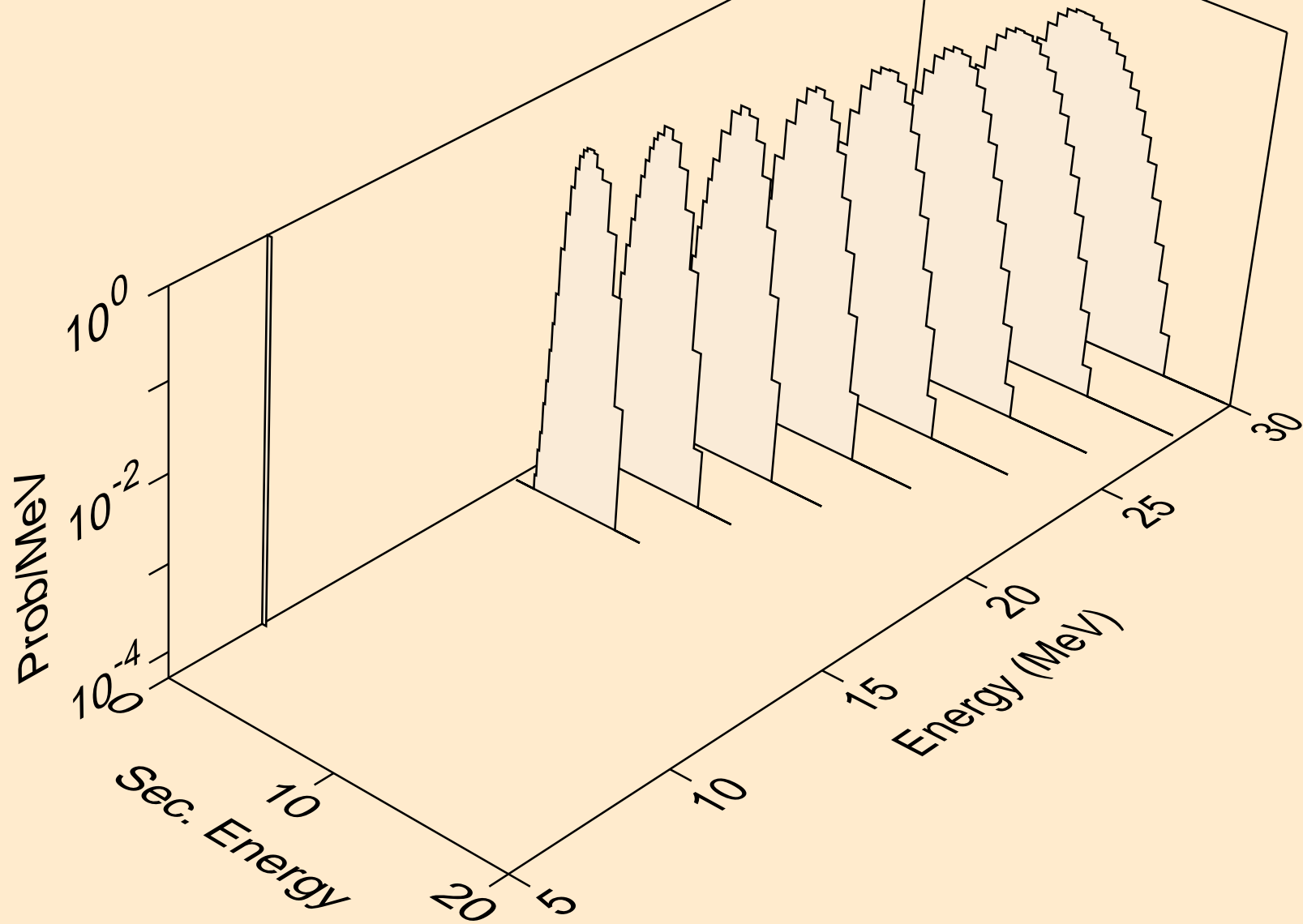
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protons from (s,2np)



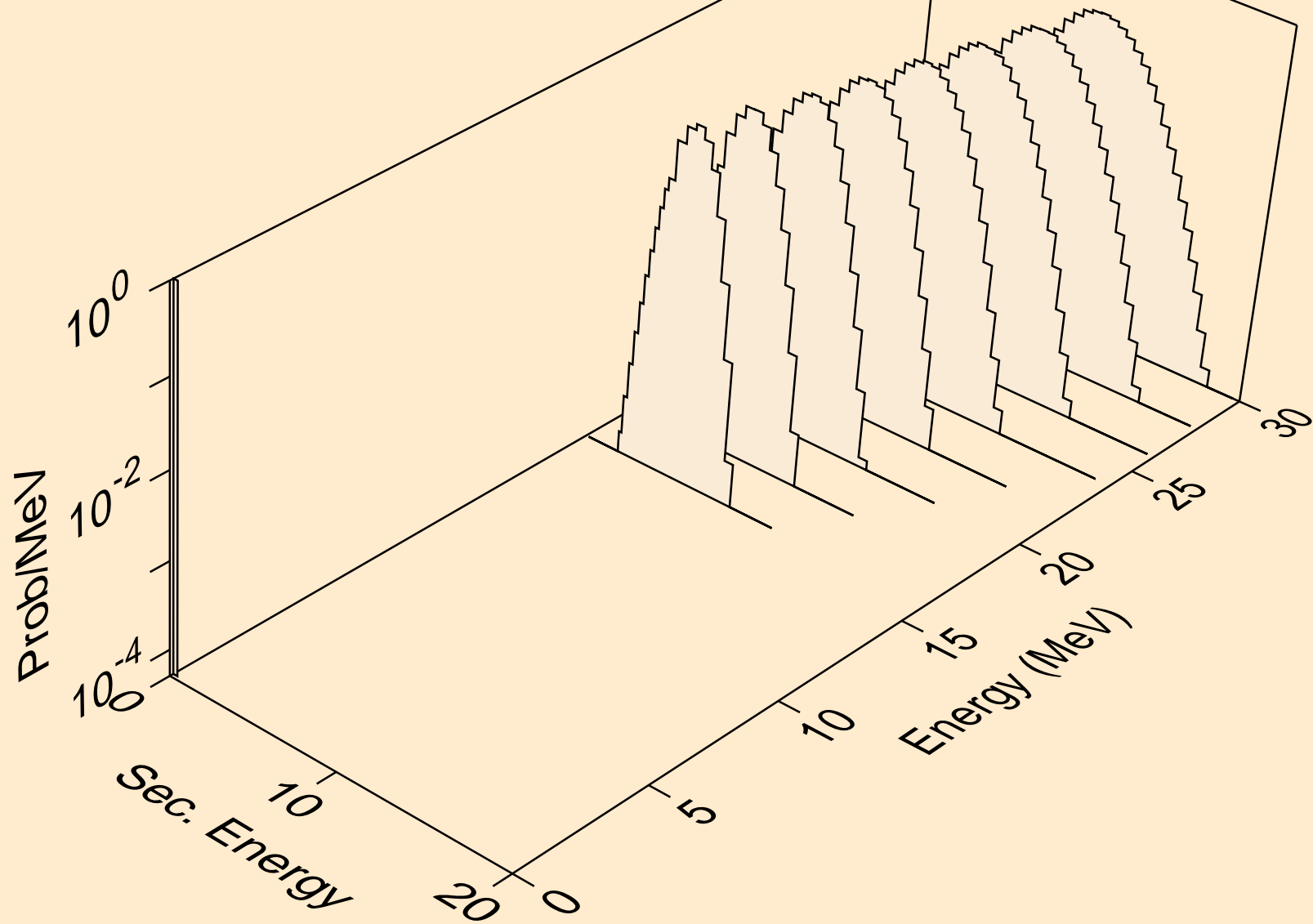
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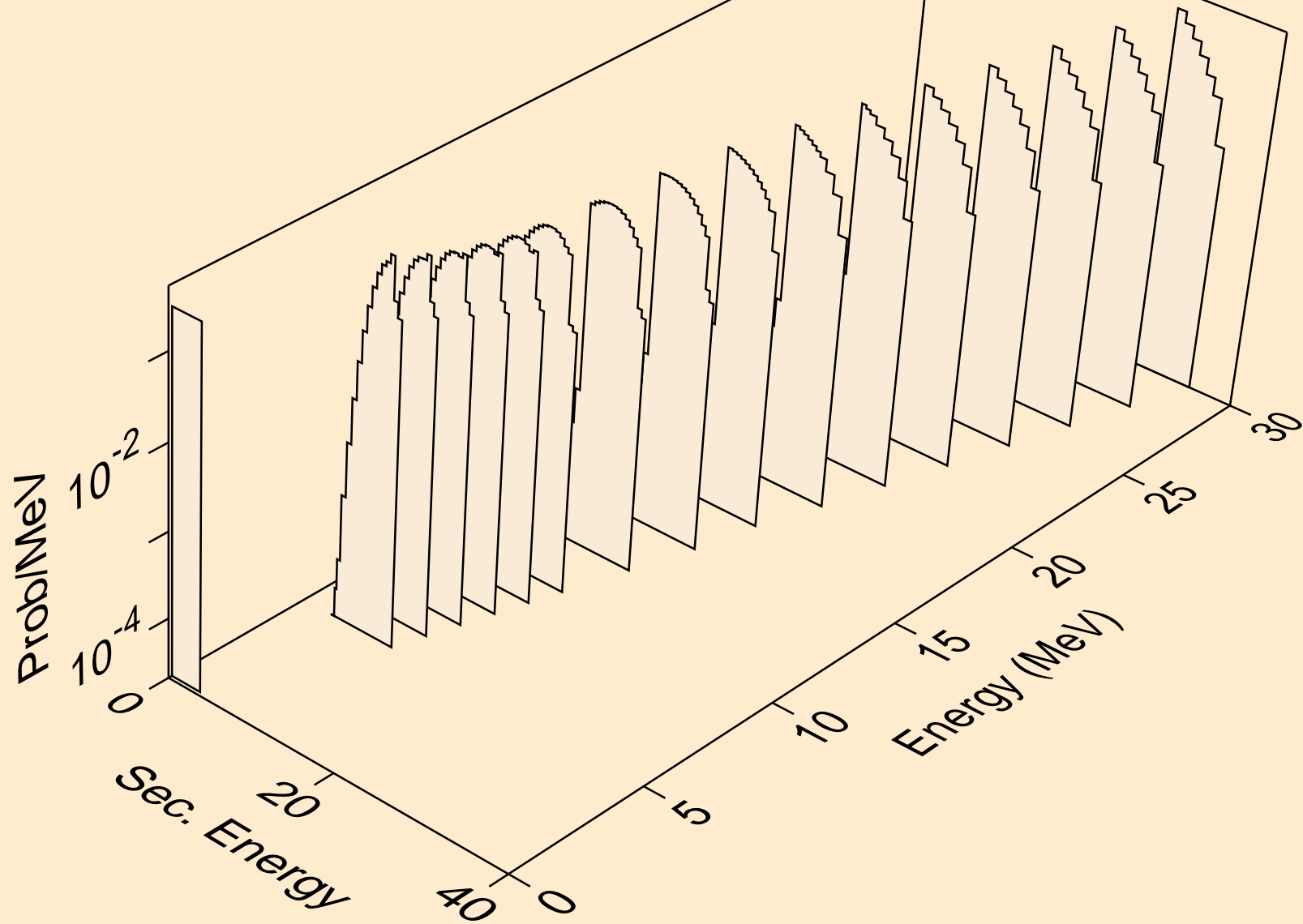
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protons from (s,n2p)



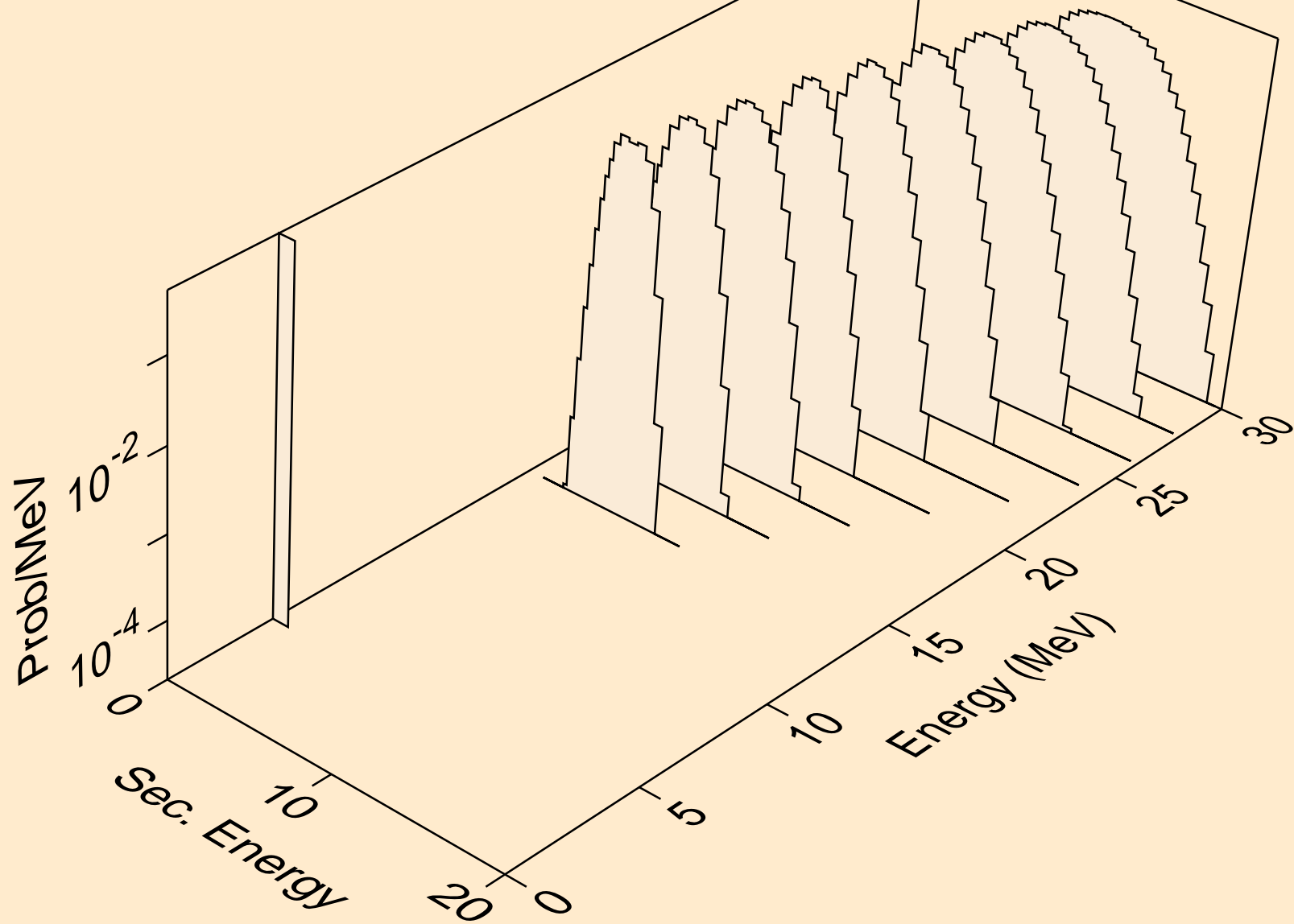
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,npa)



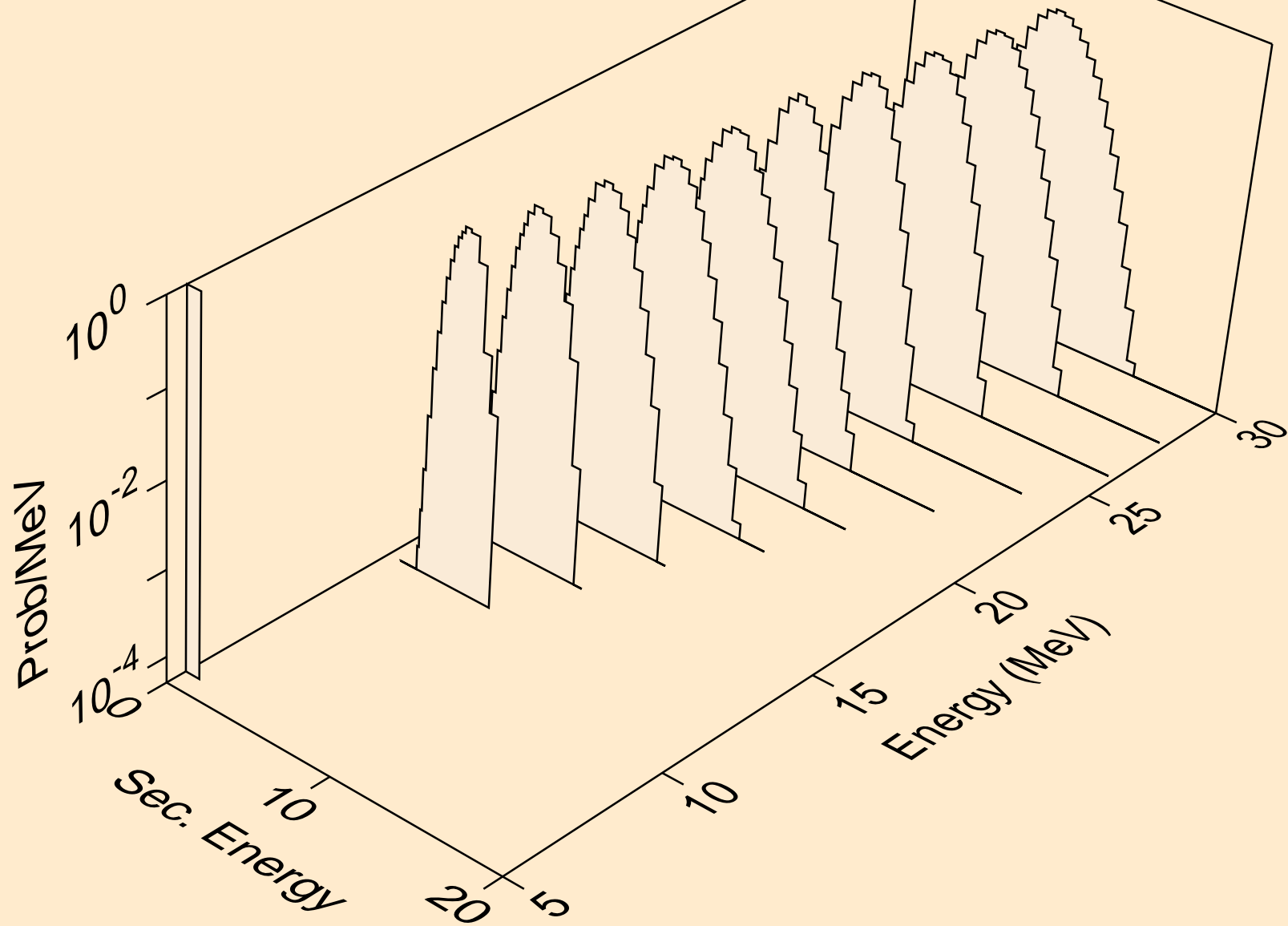
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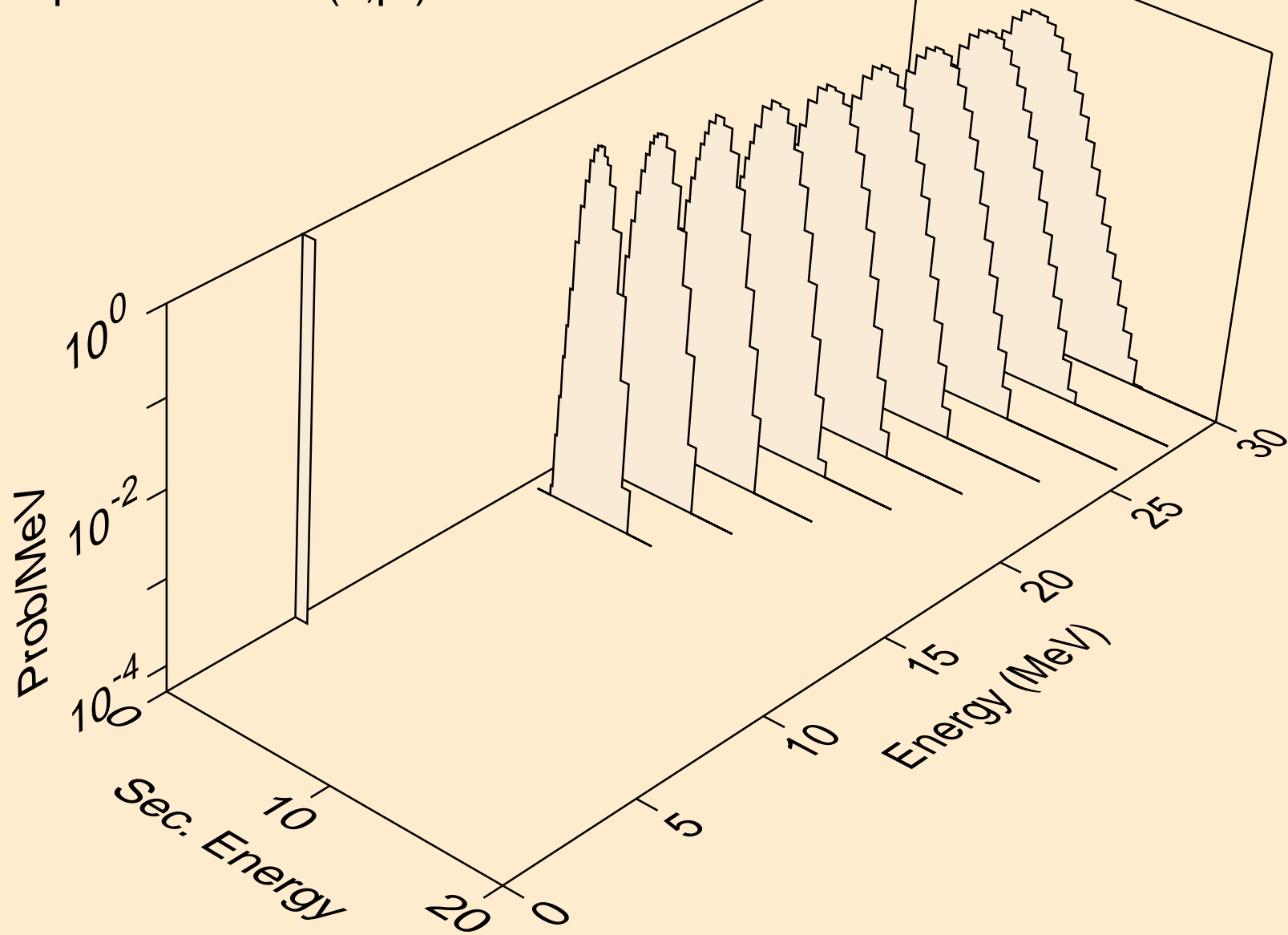
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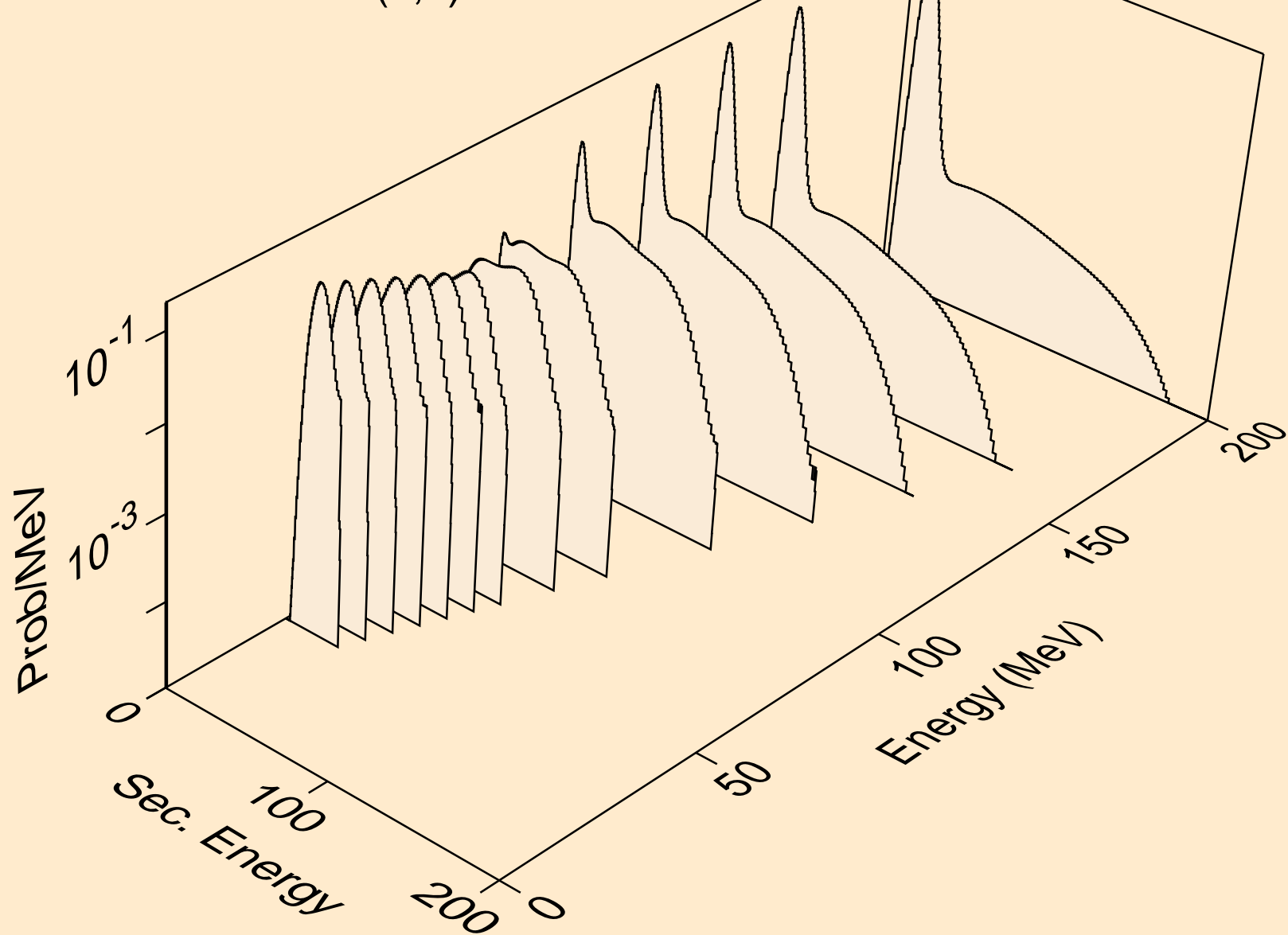
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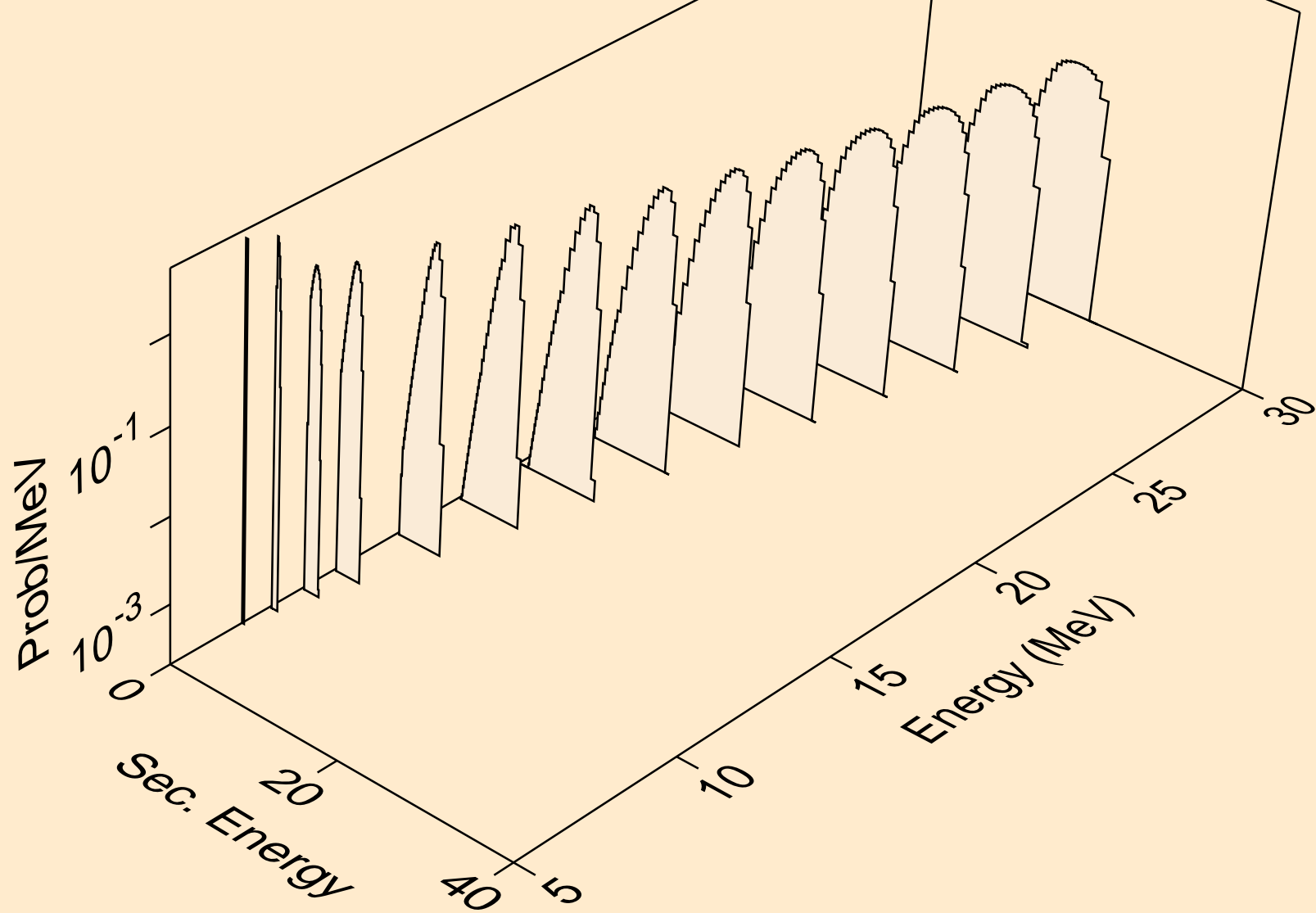
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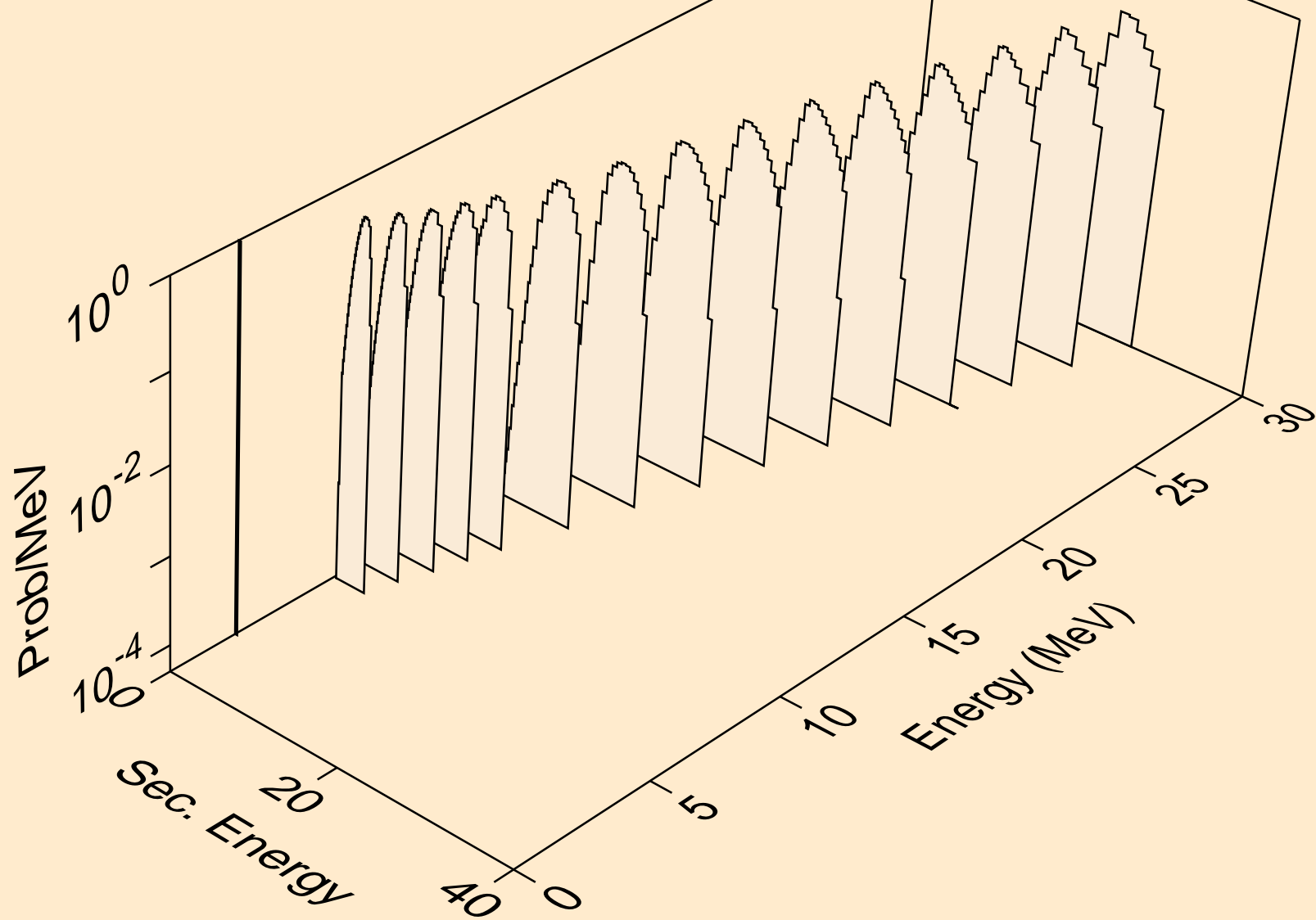
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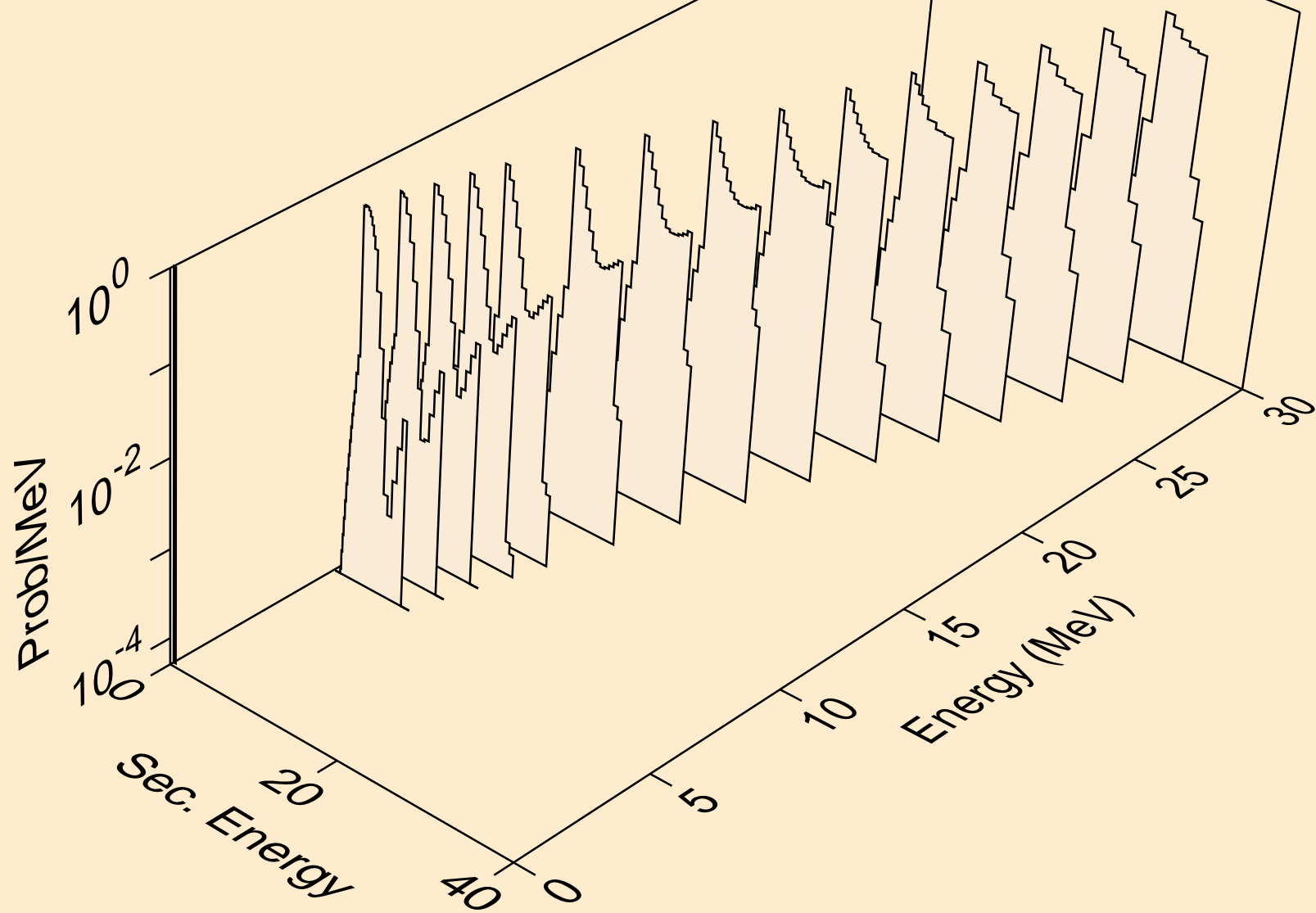
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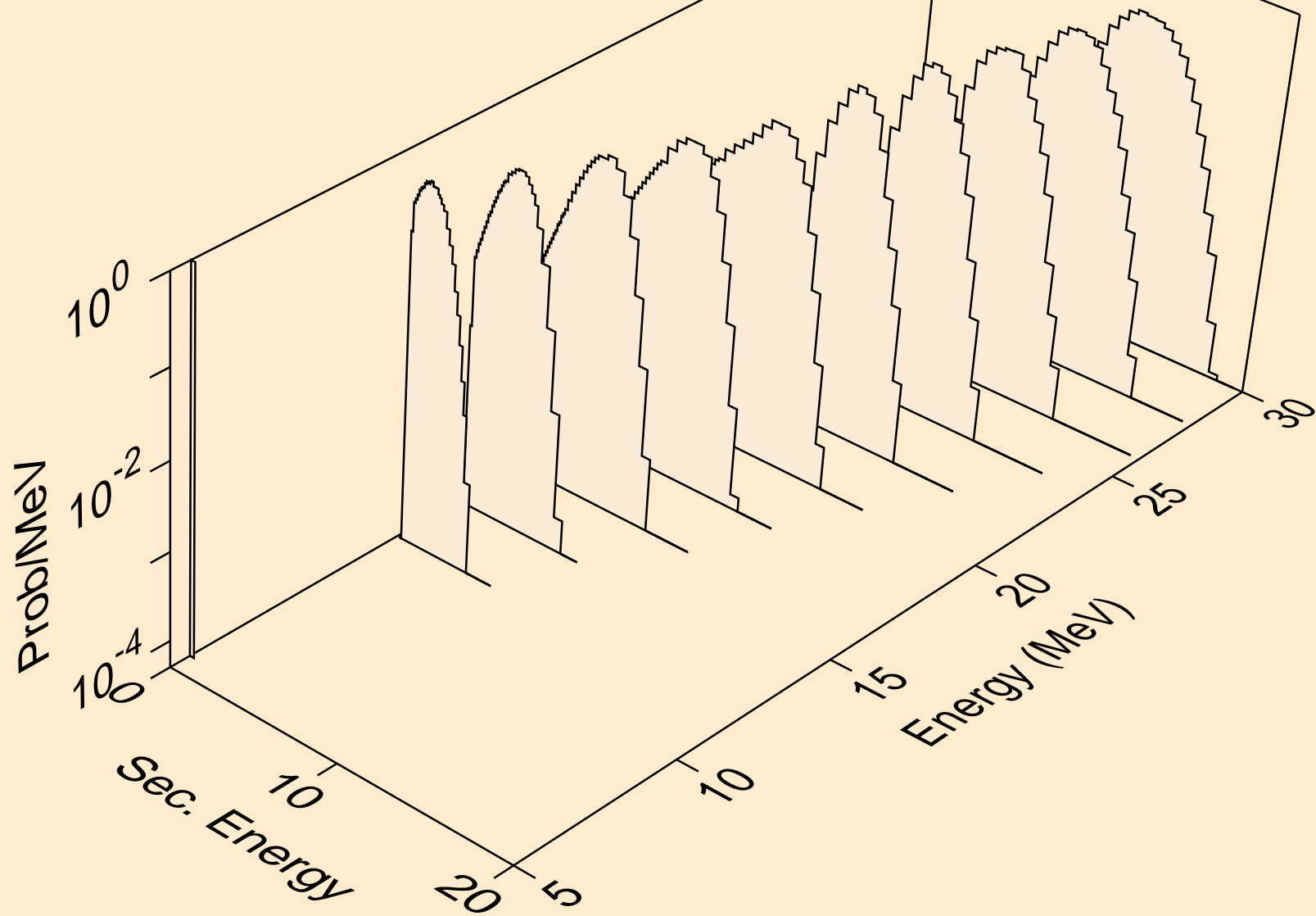
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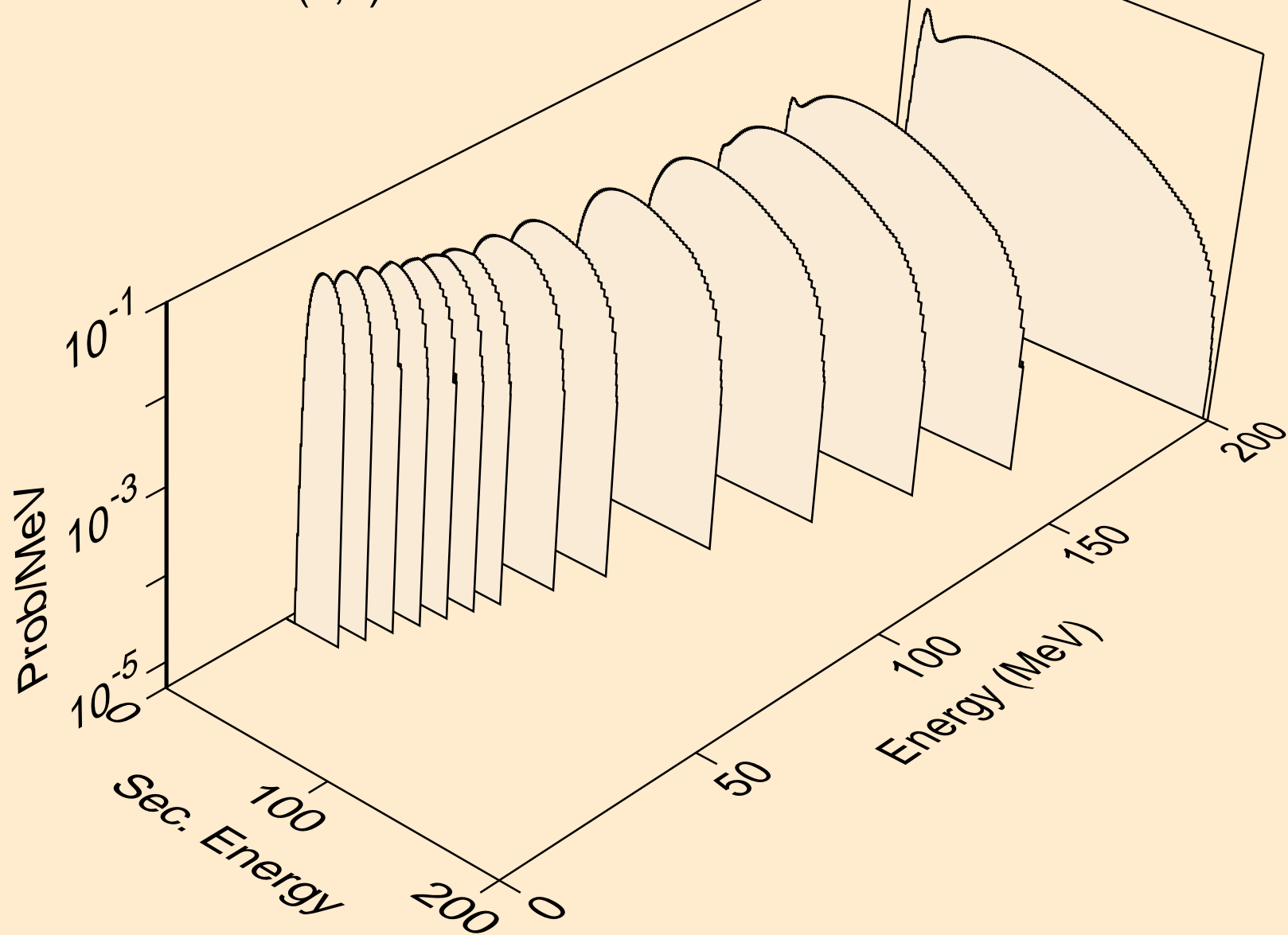
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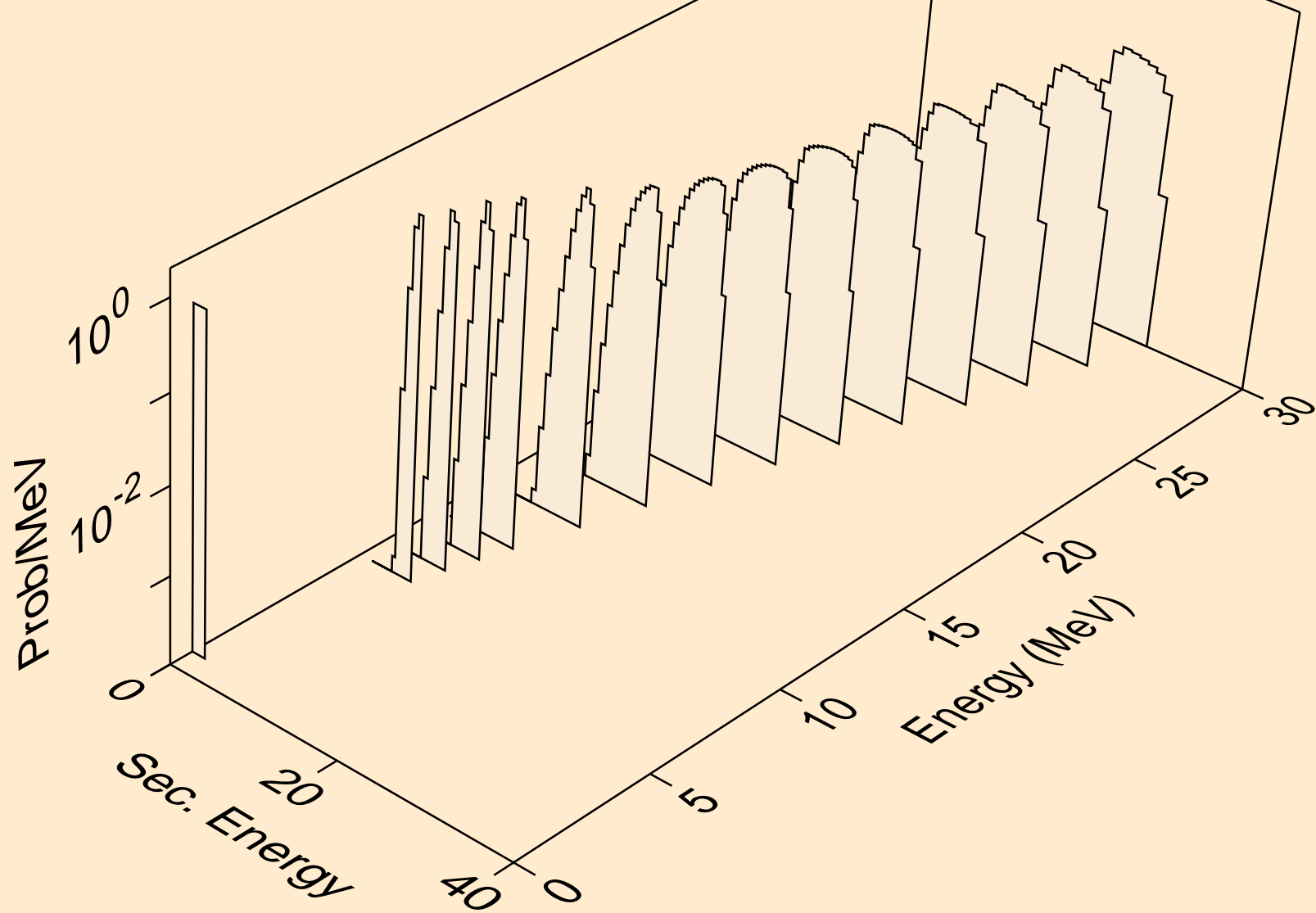
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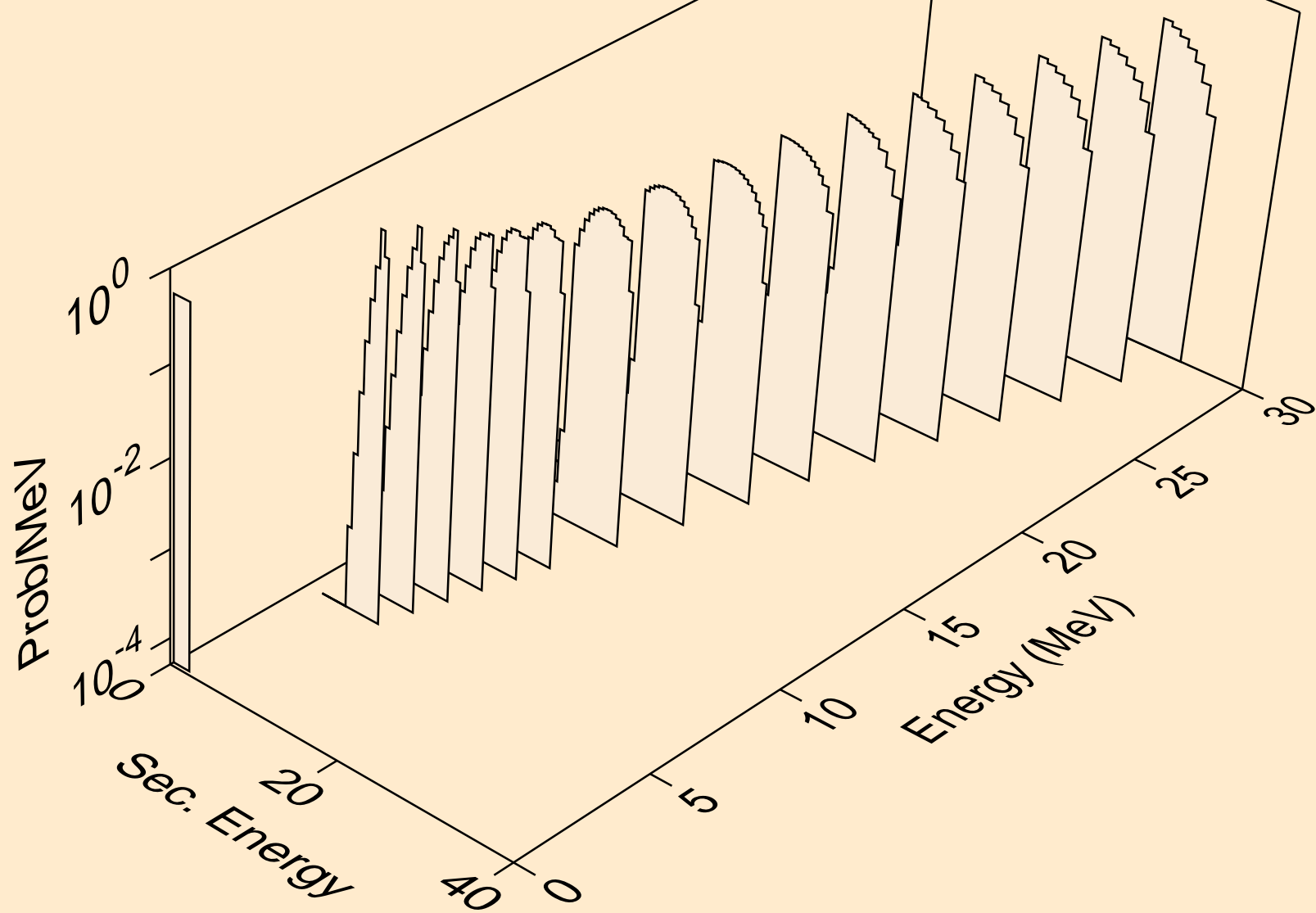
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tritons from (s,x)



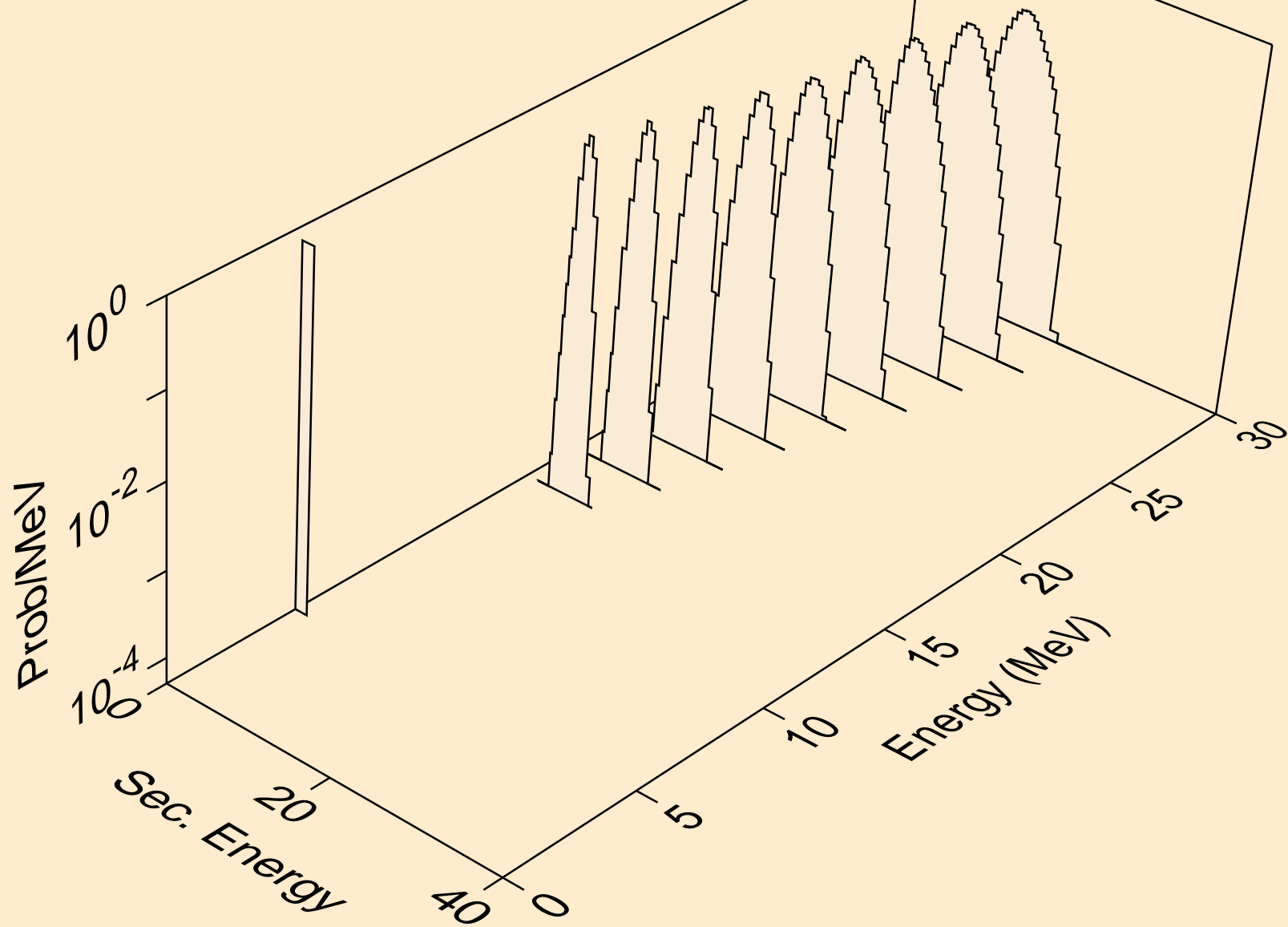
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tritons from (s,n\*)t



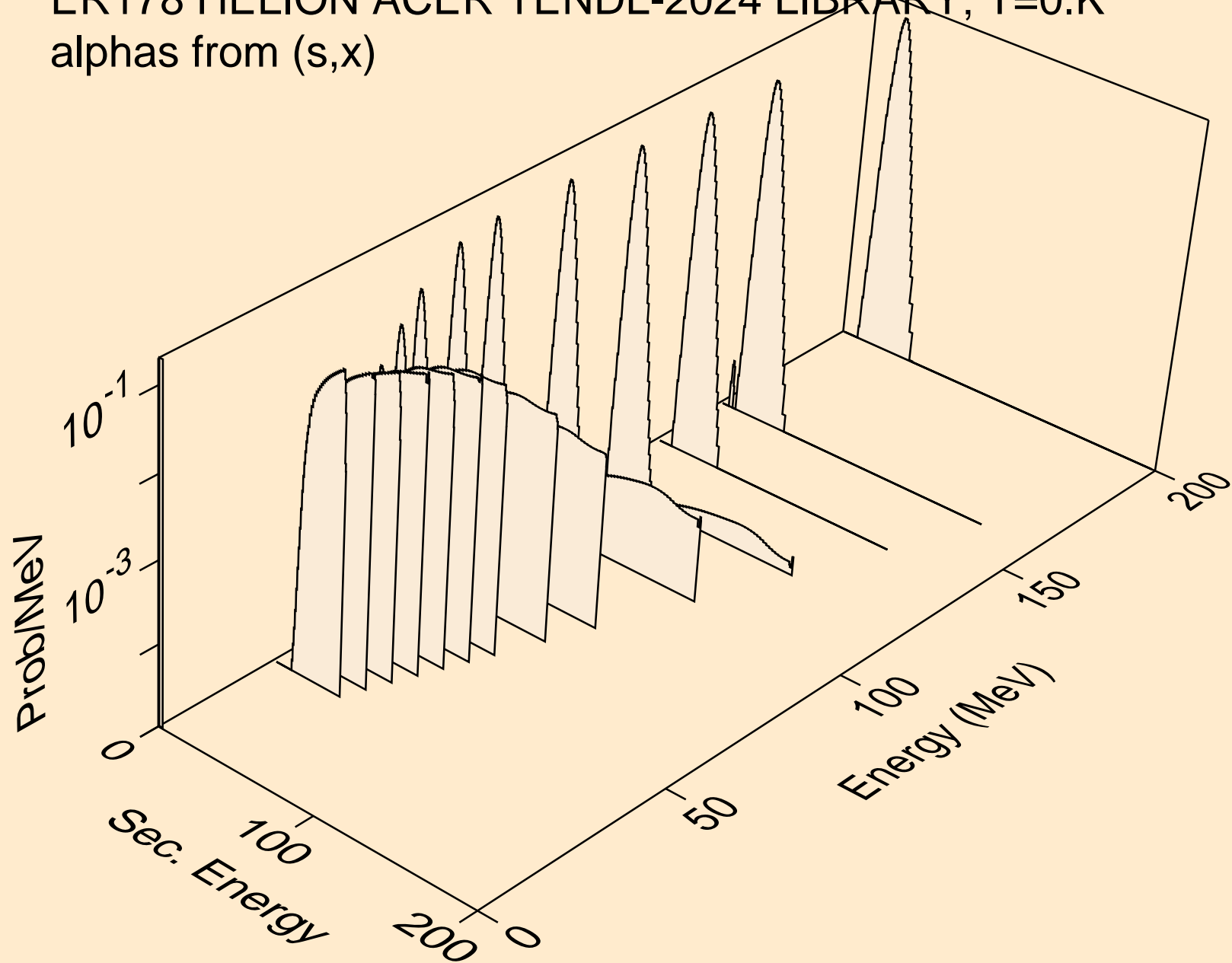
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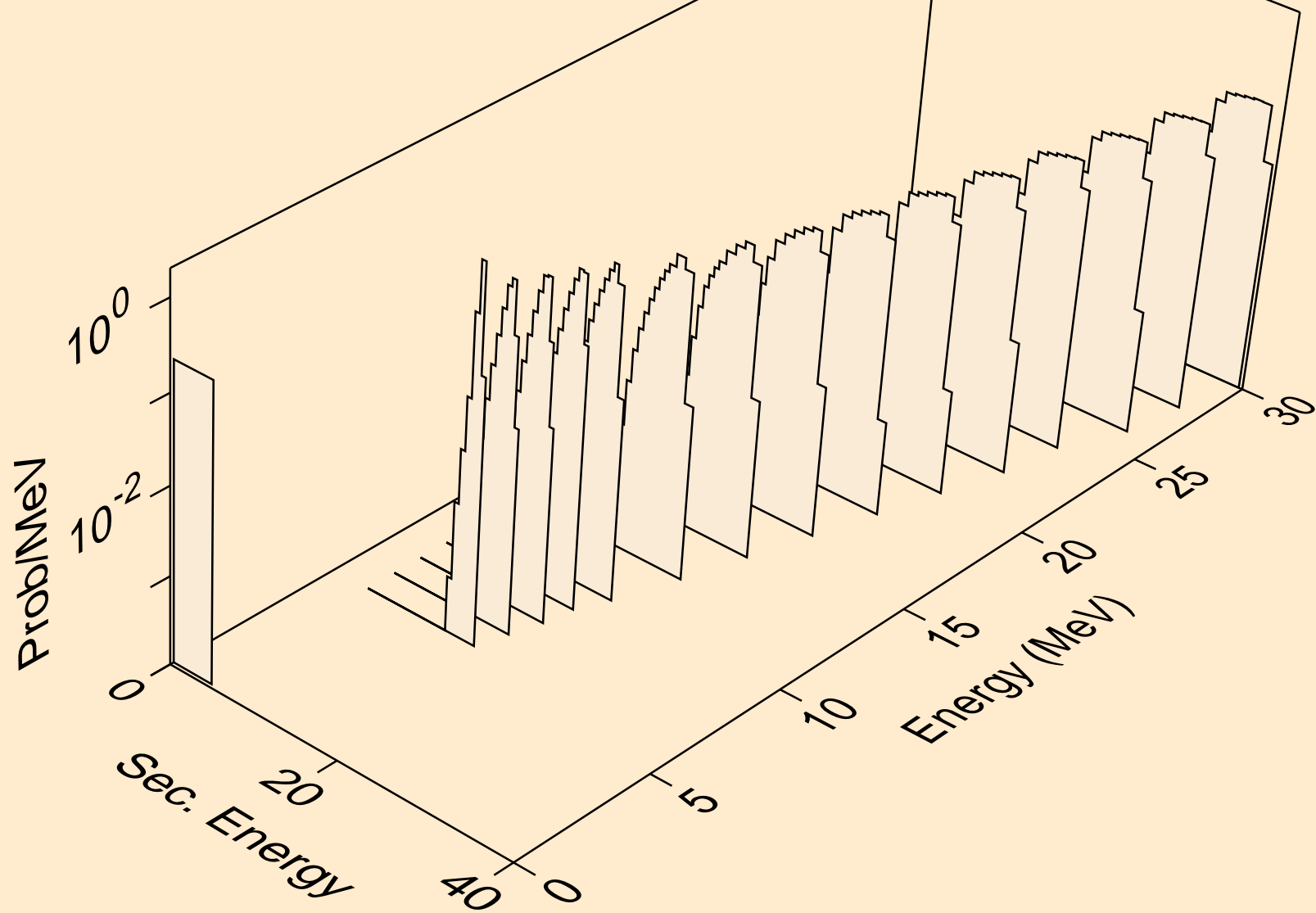
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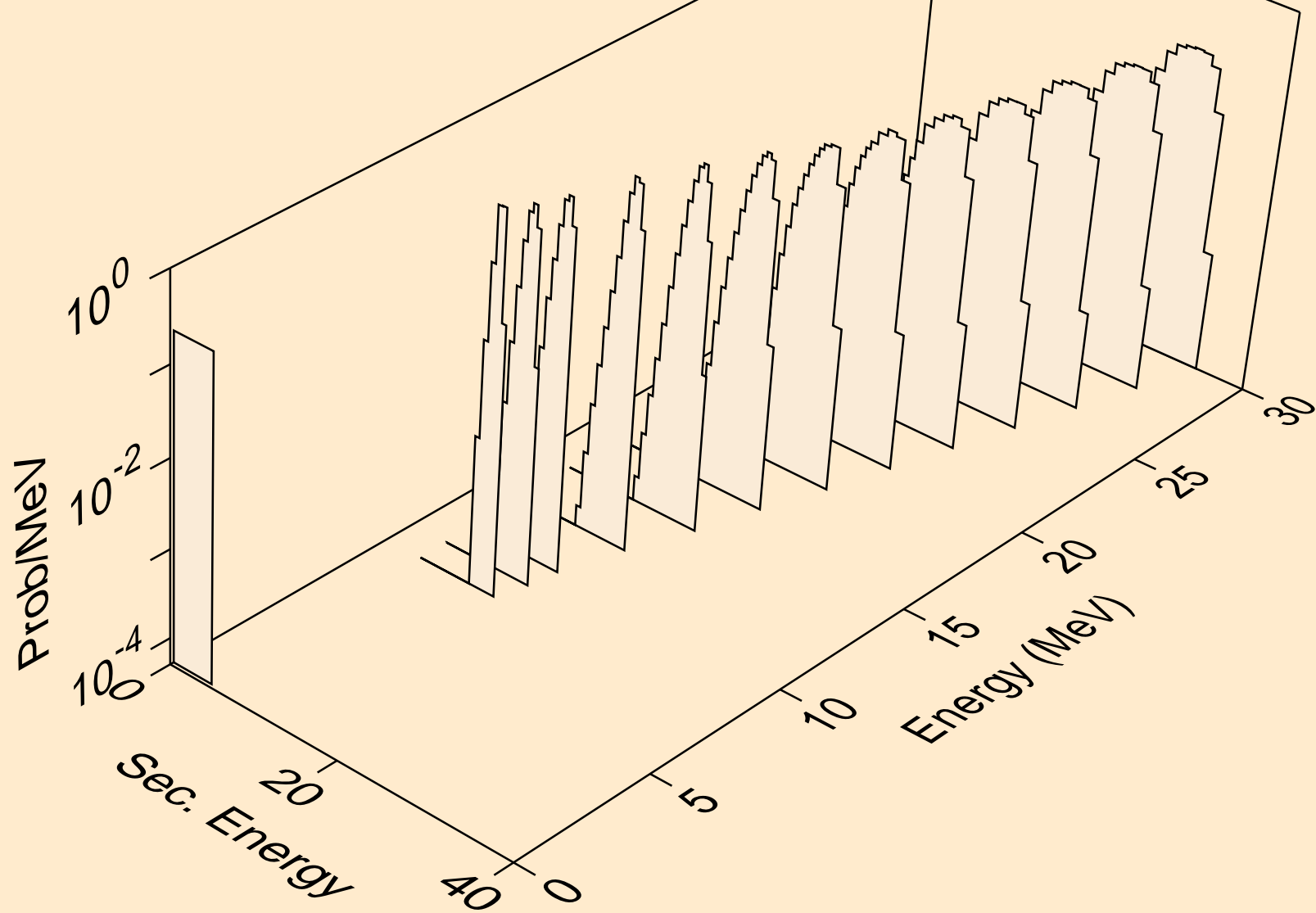
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,x)



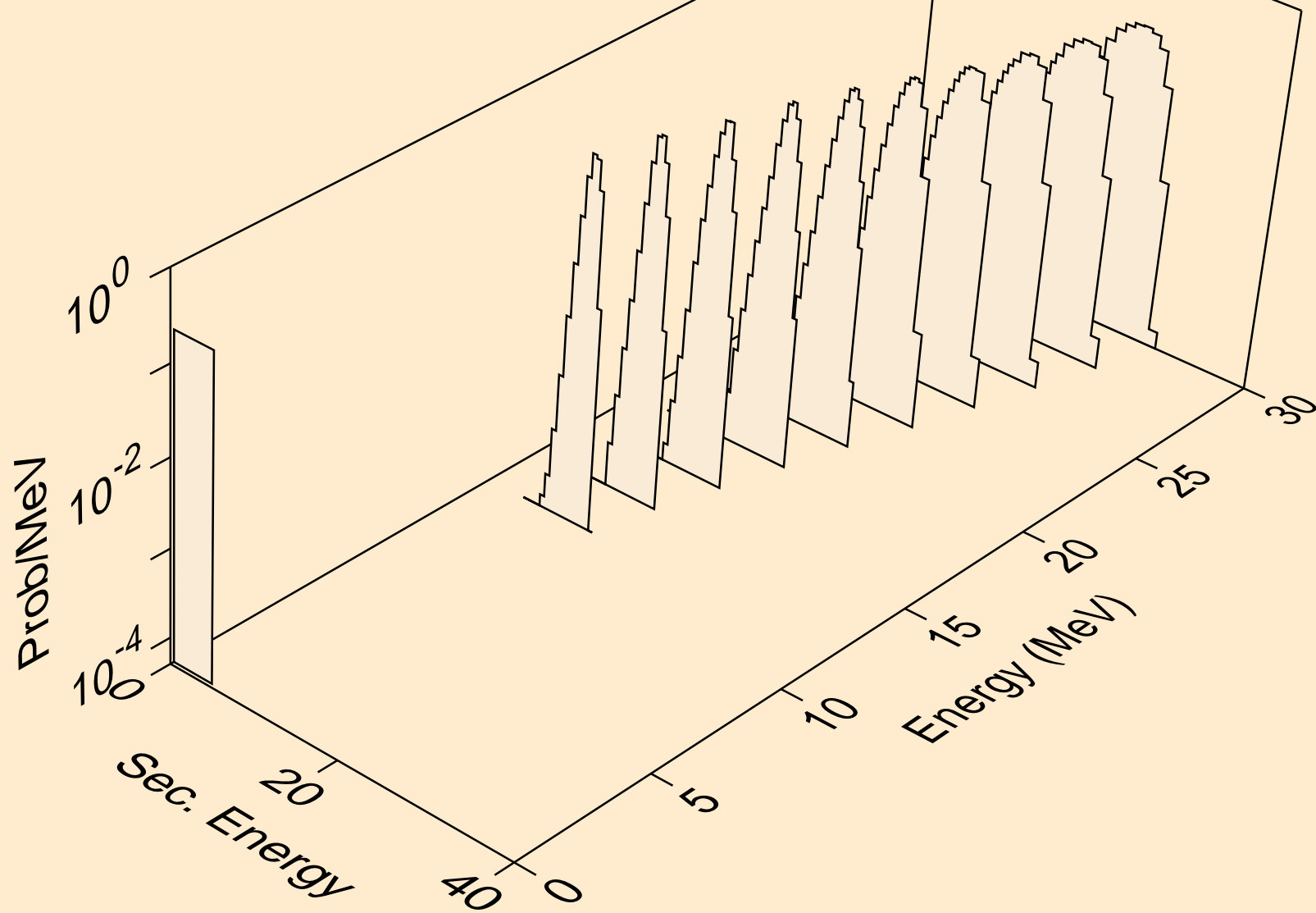
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



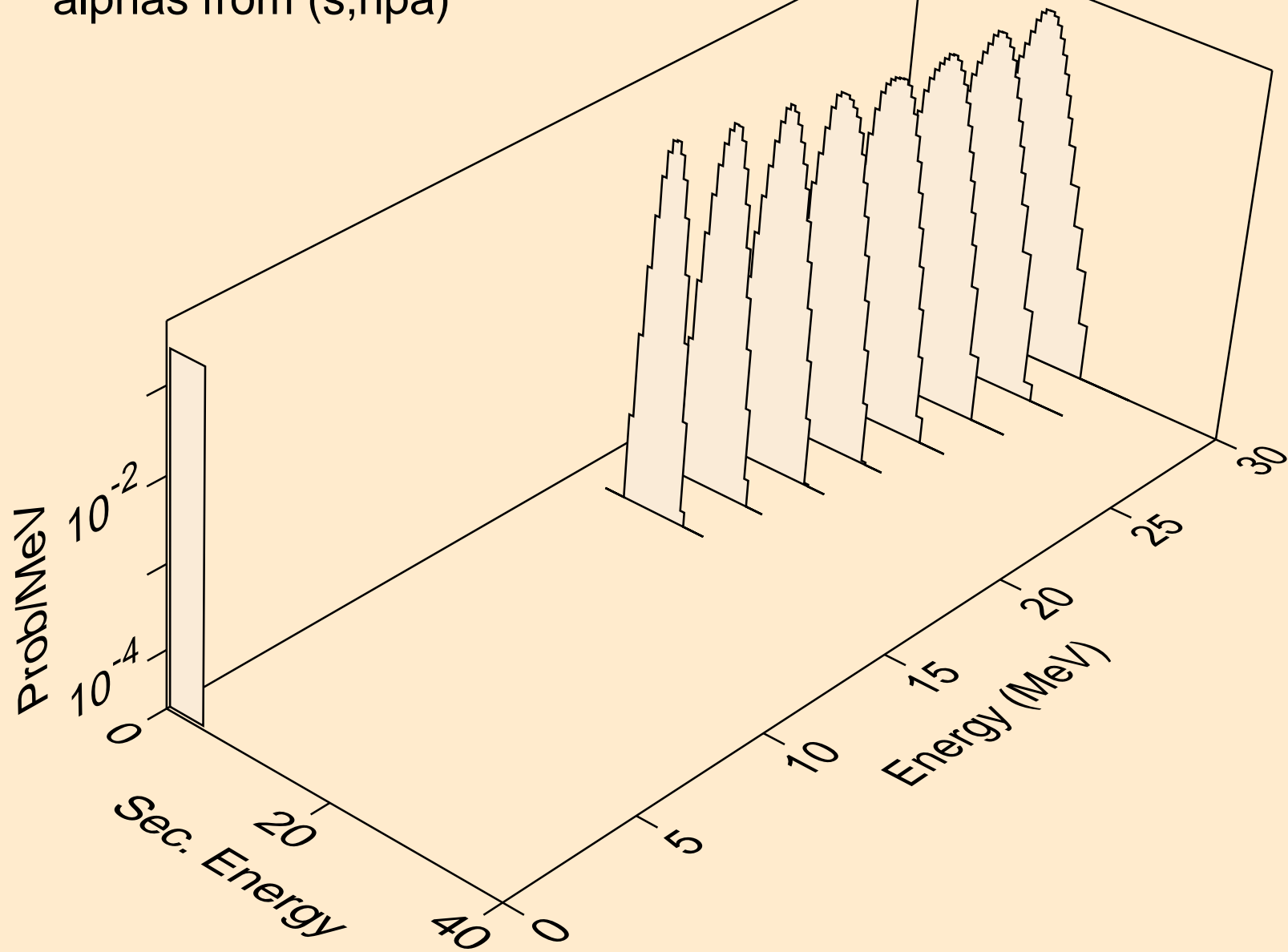
ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2n)a



ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3n)a



ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,npa)



ER178 HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,a)

