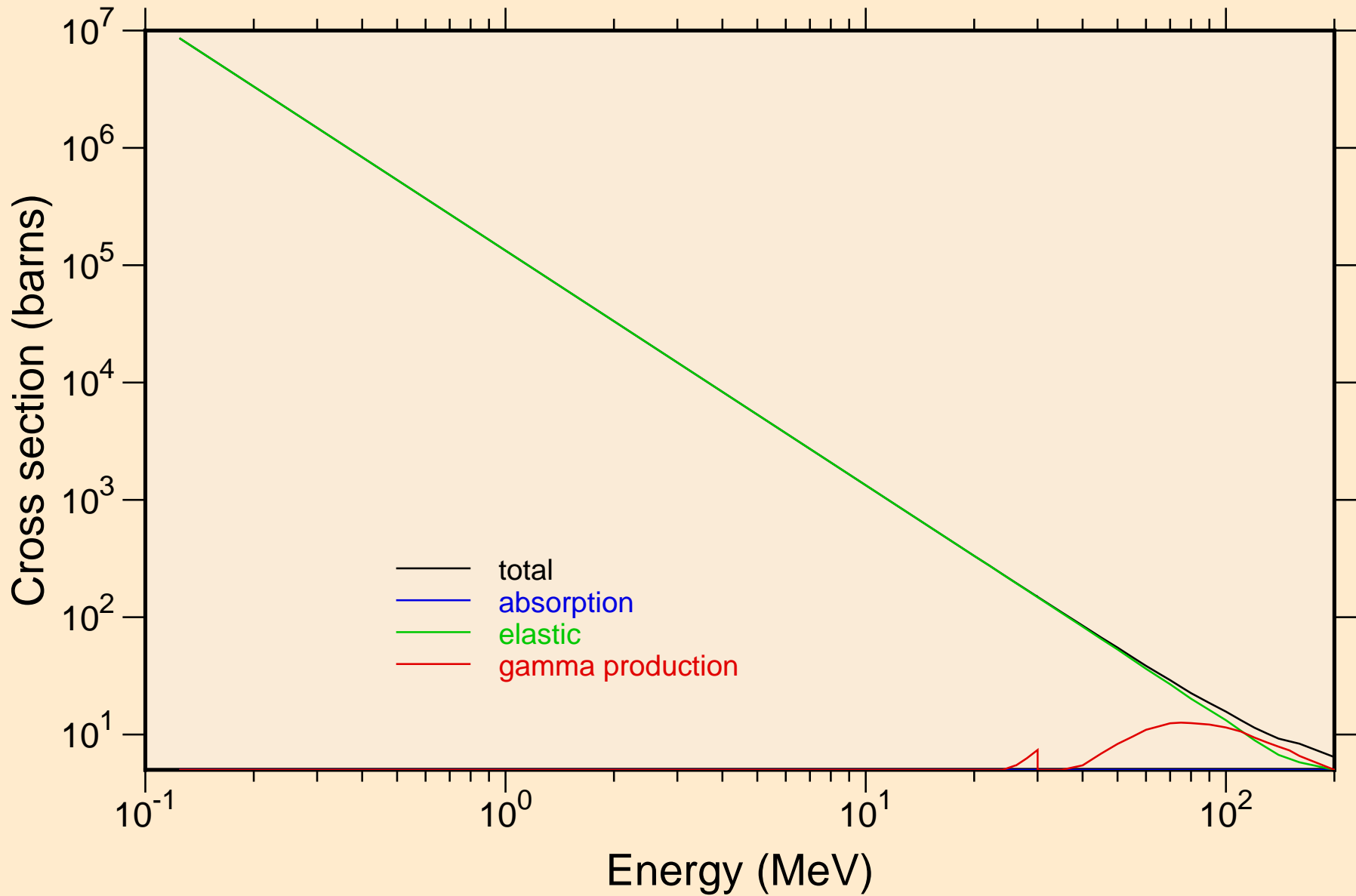


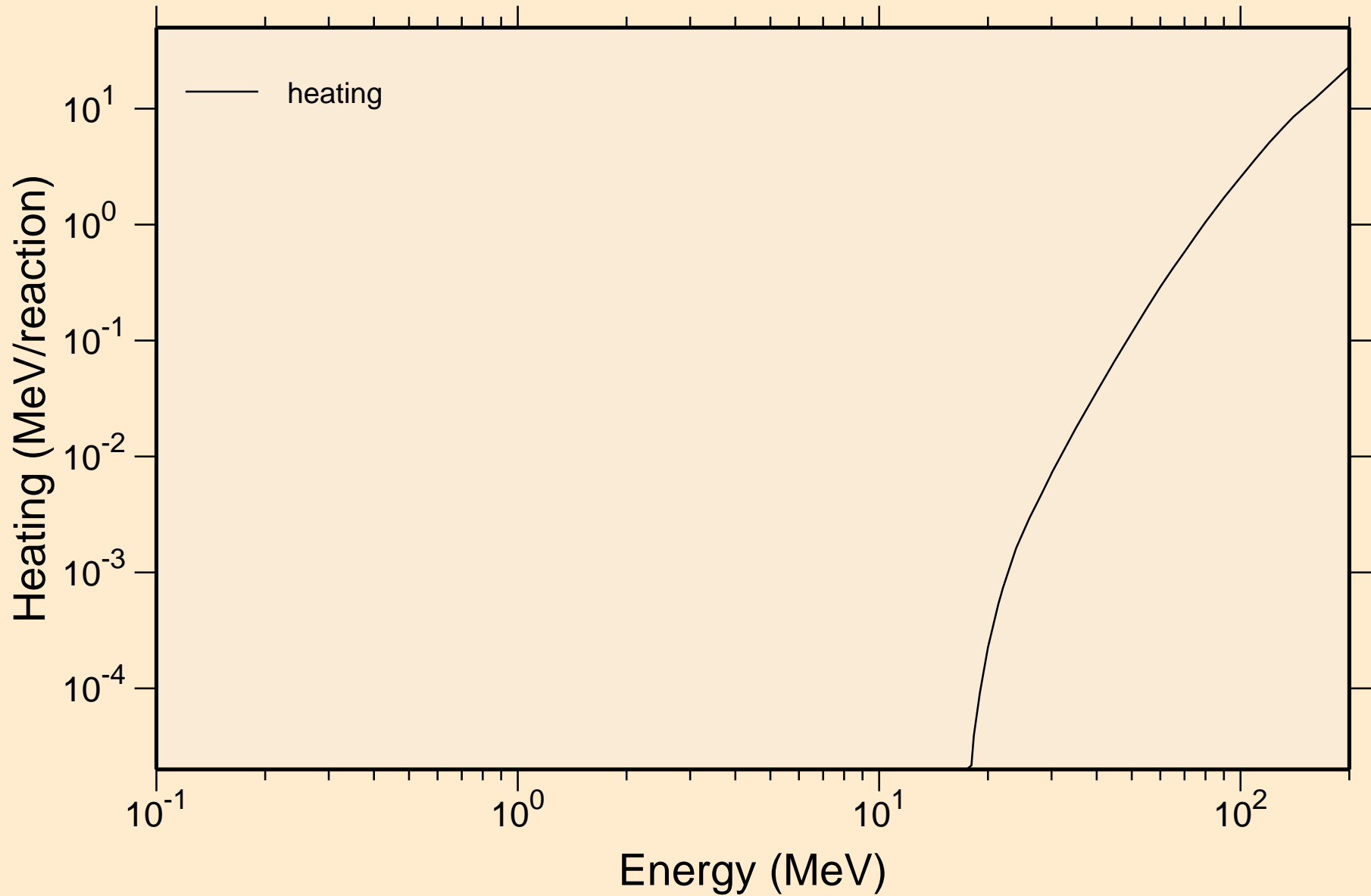
# HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



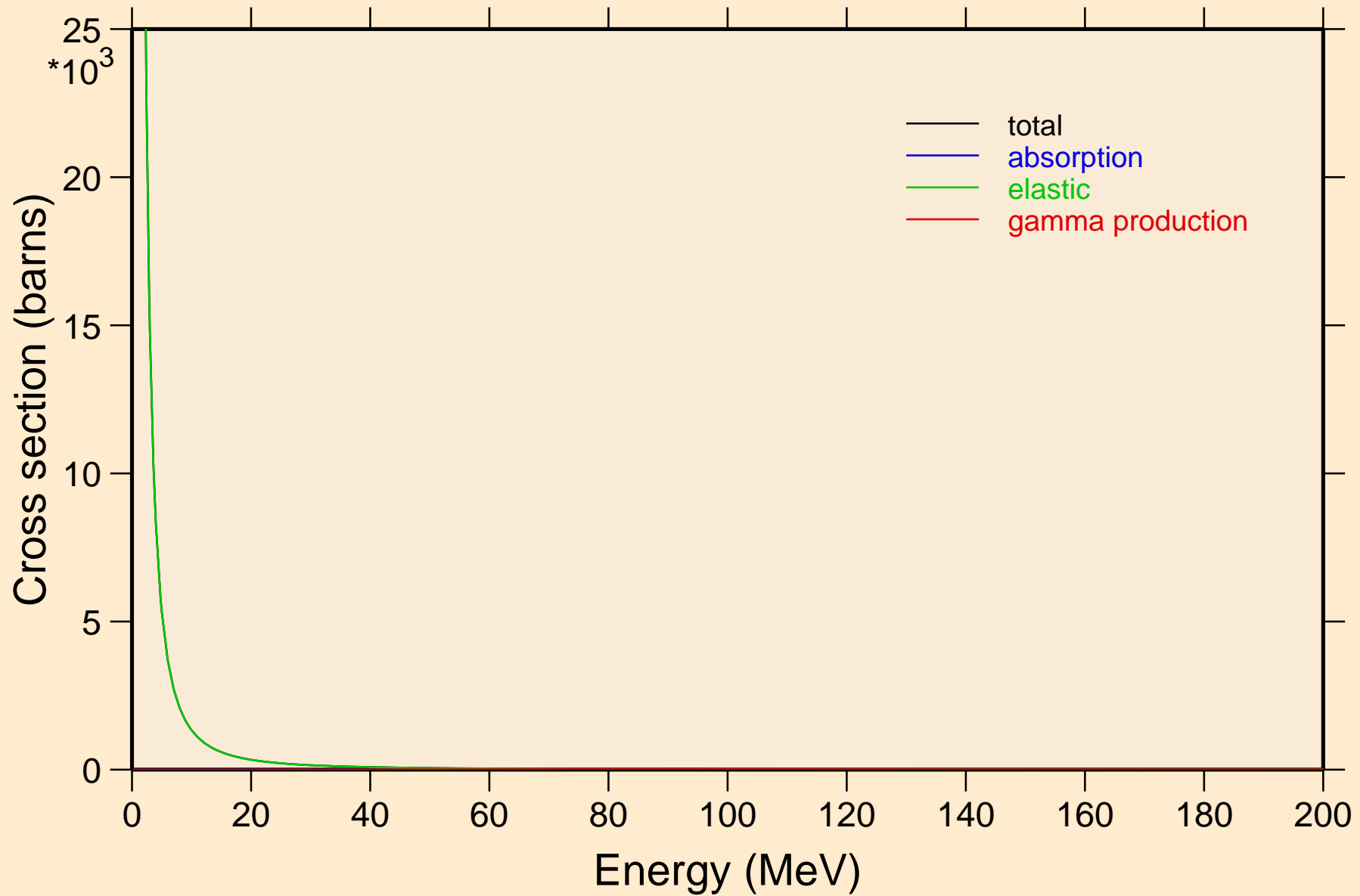
# HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



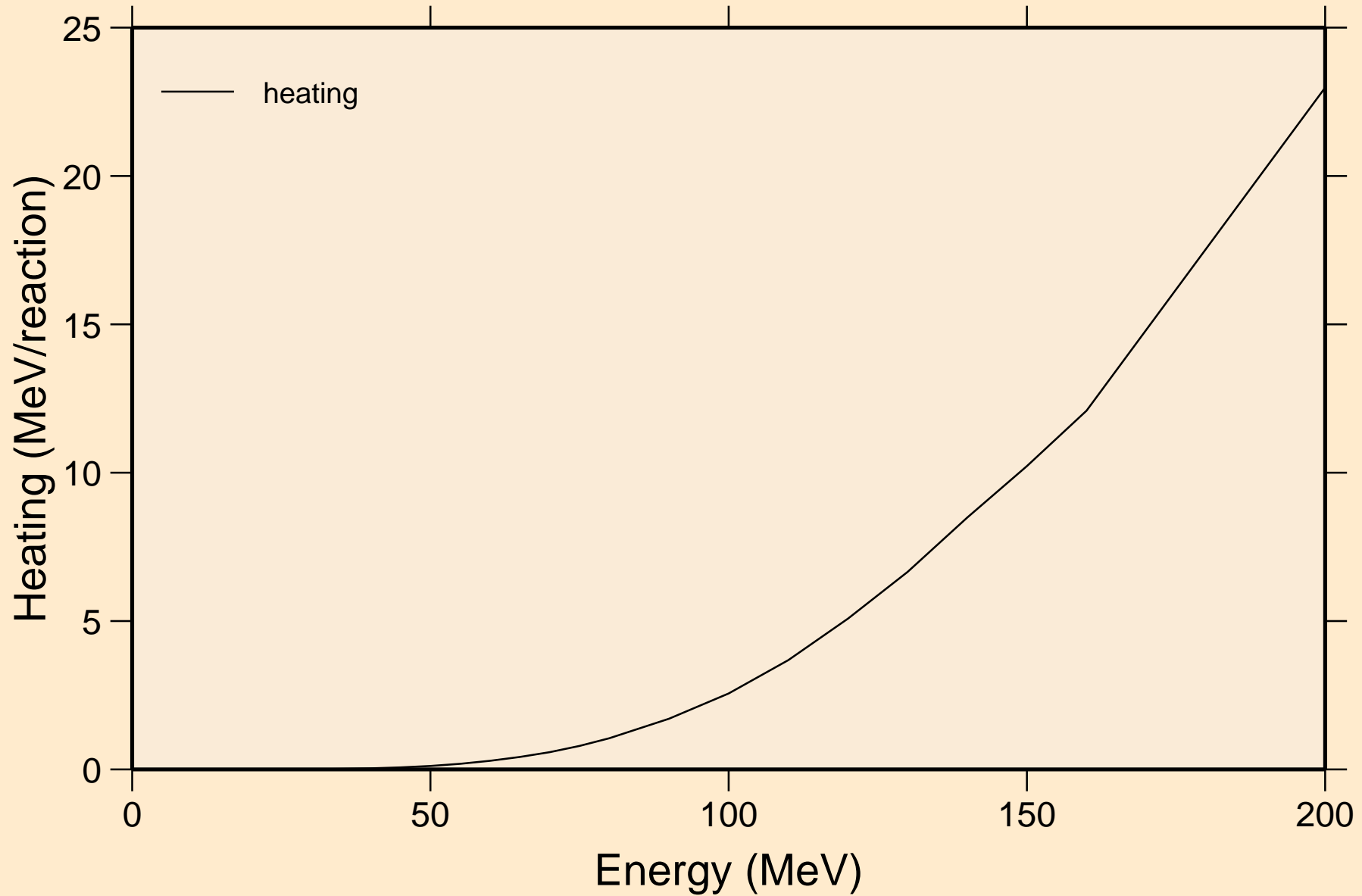
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## Principal cross sections



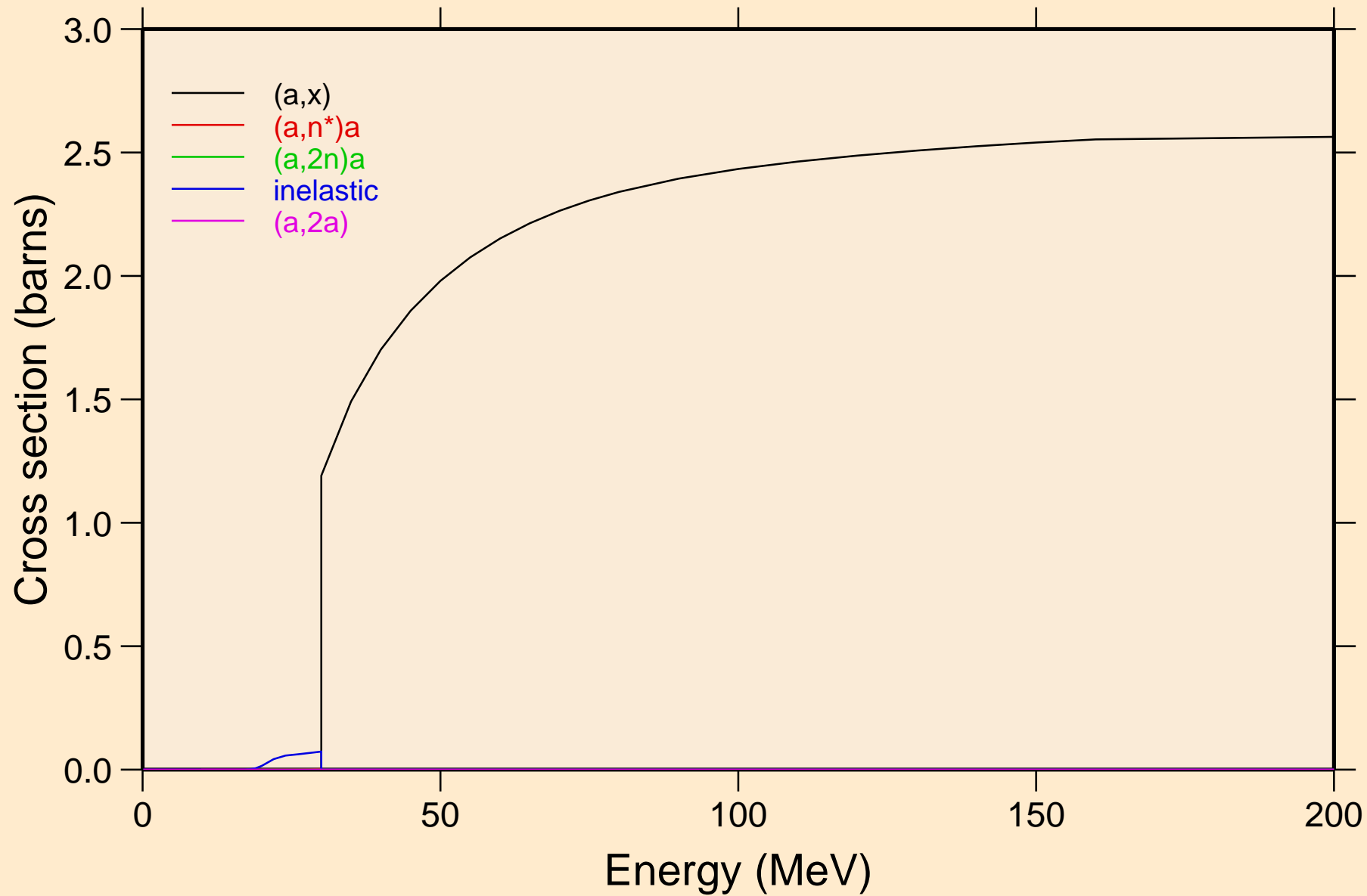
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

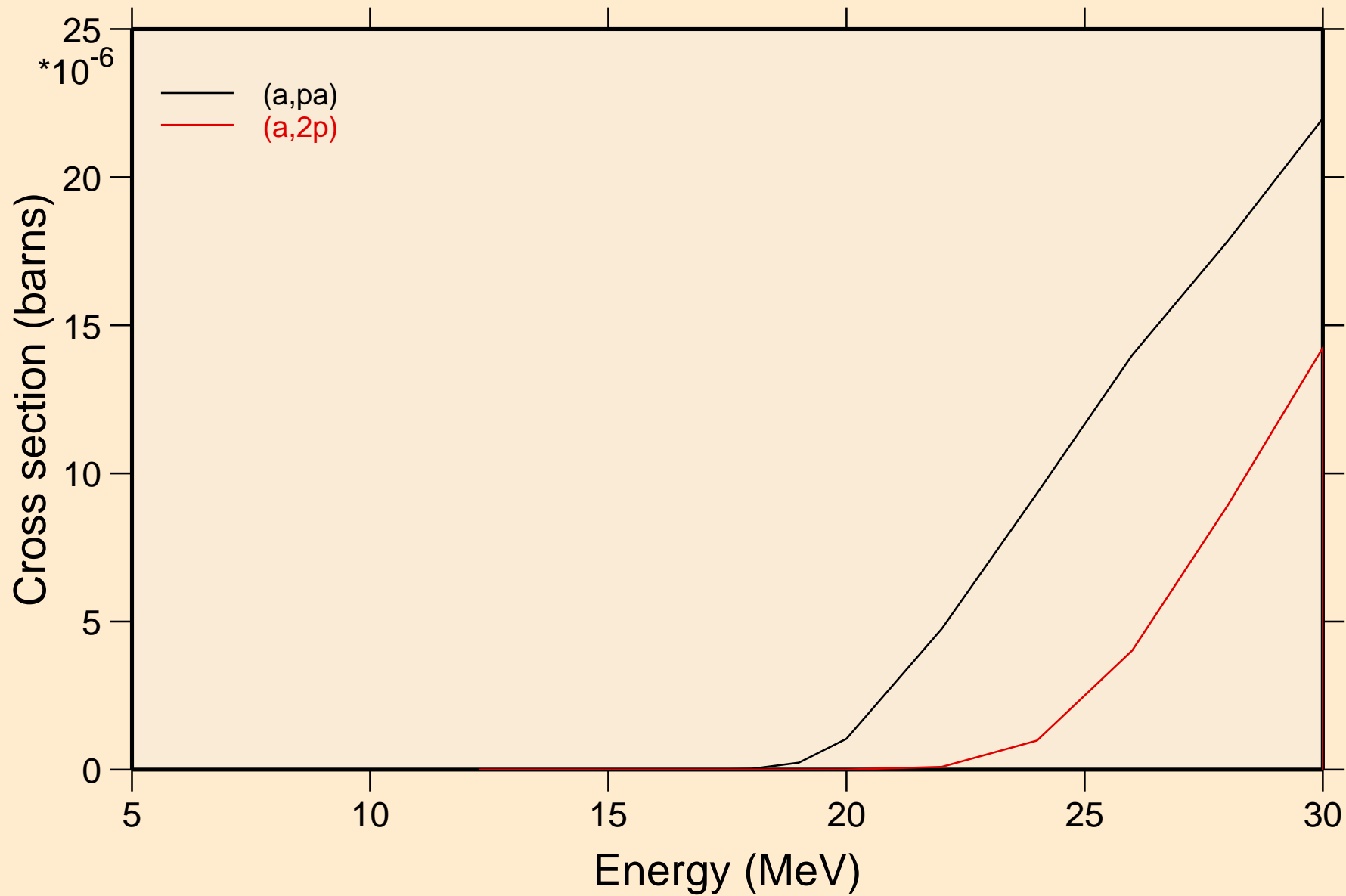


# HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

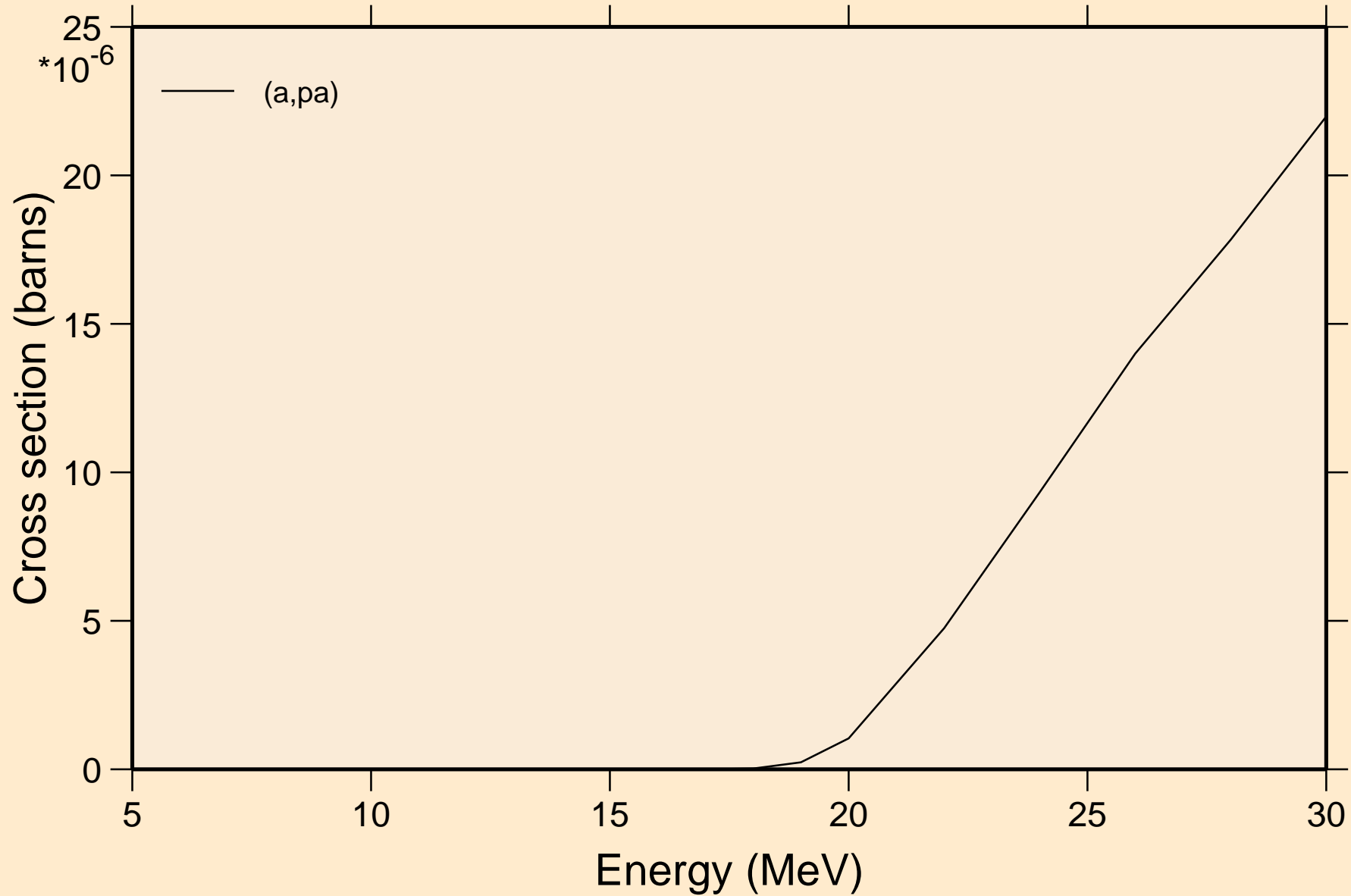
## Threshold reactions



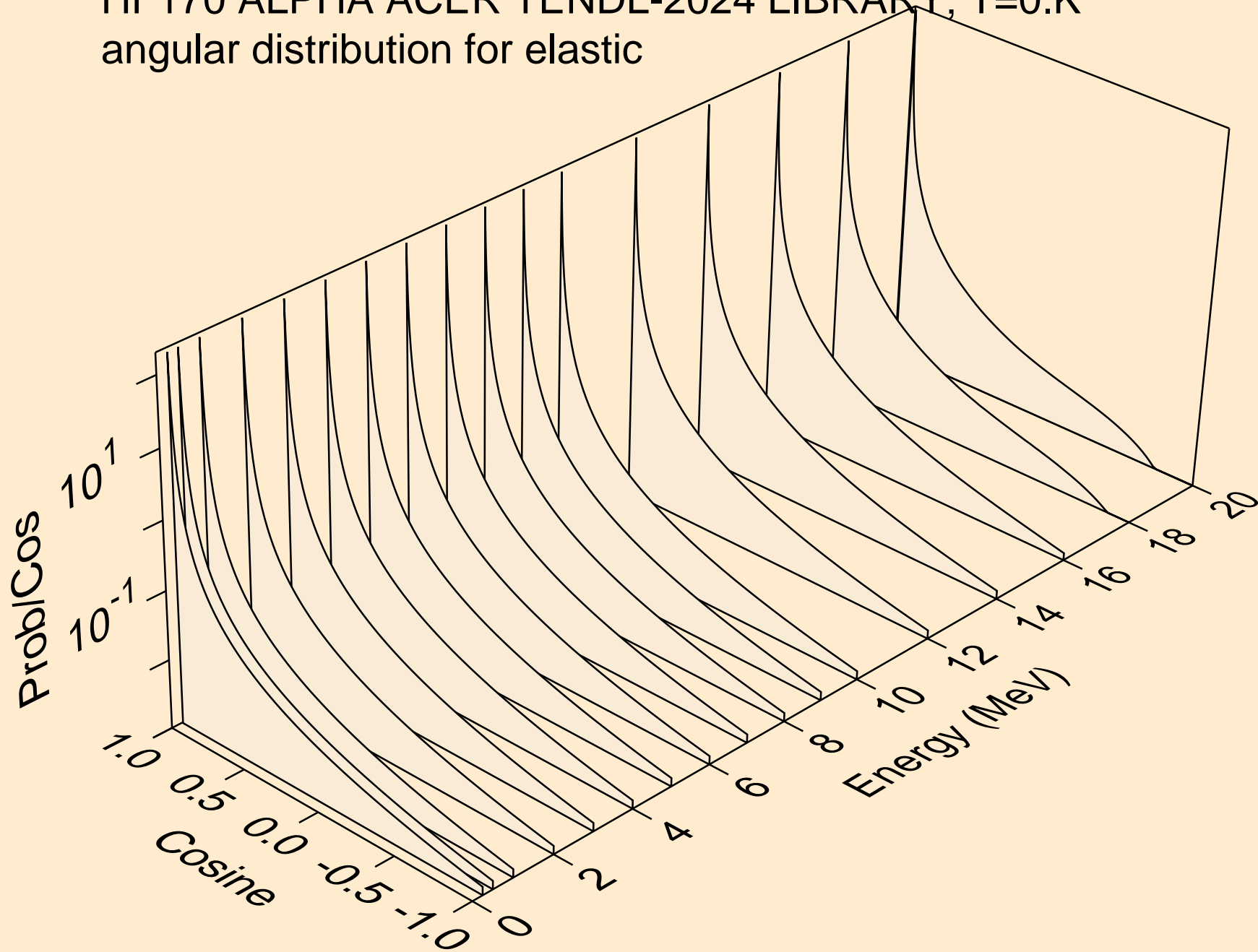
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



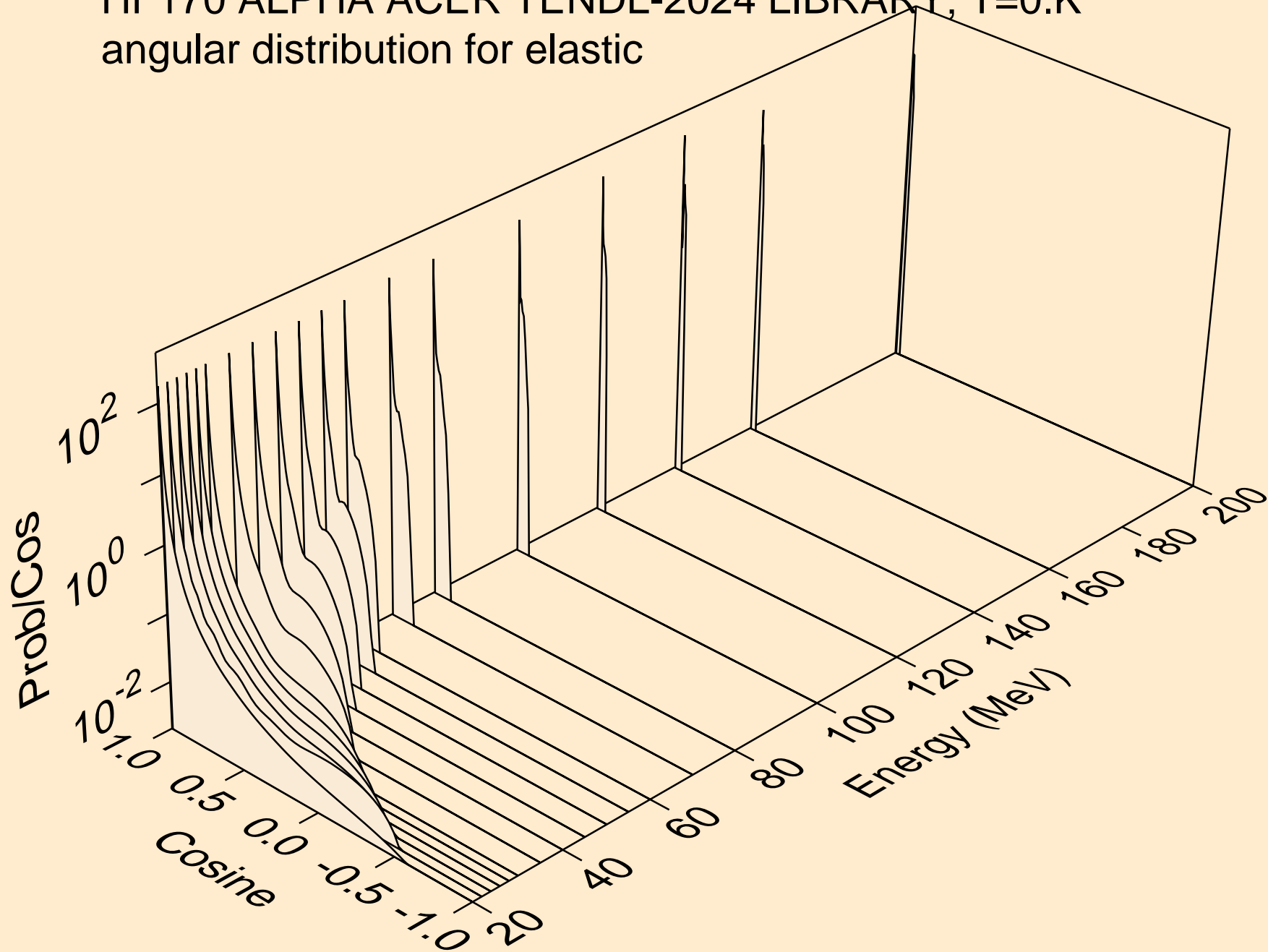
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Threshold reactions



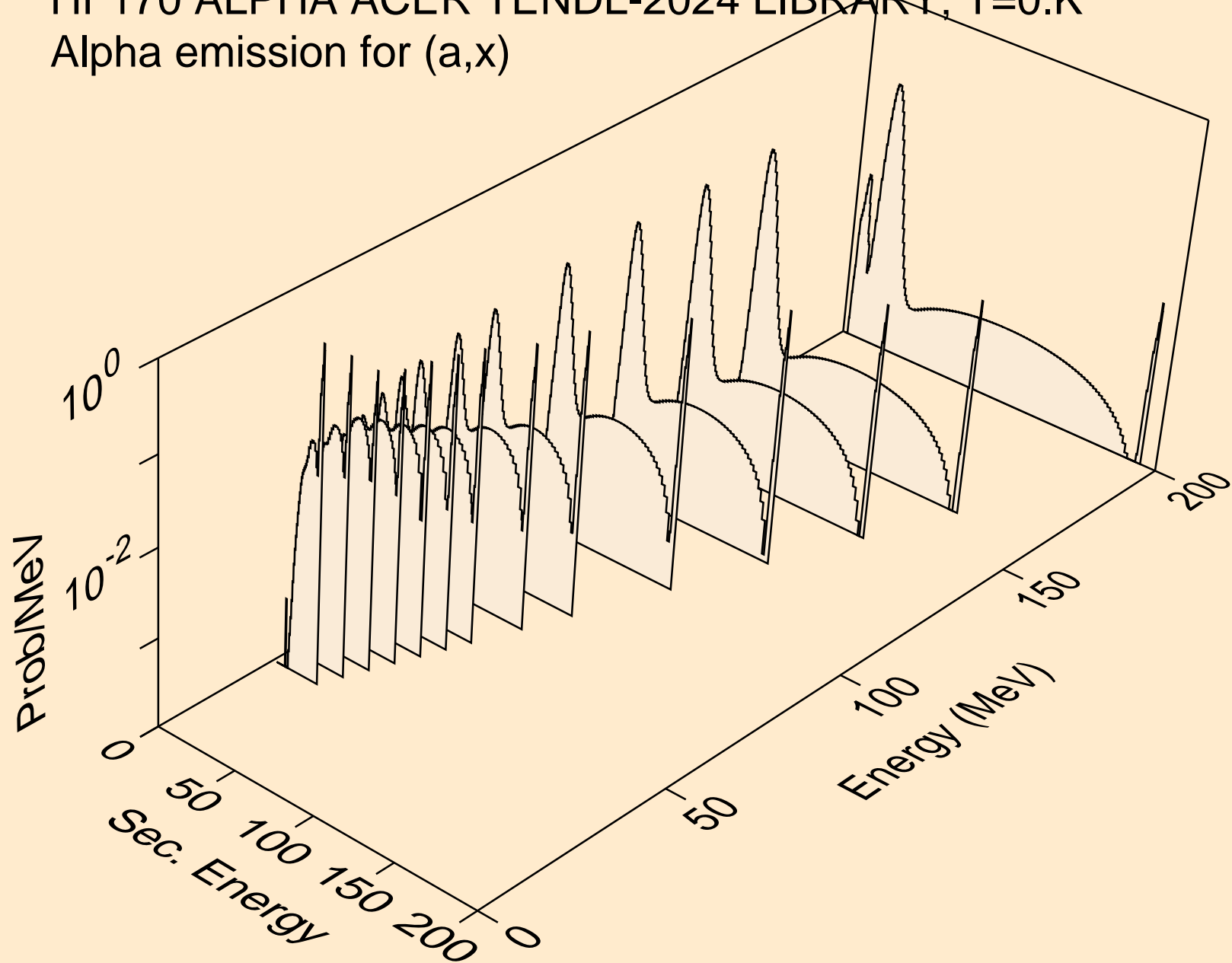
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



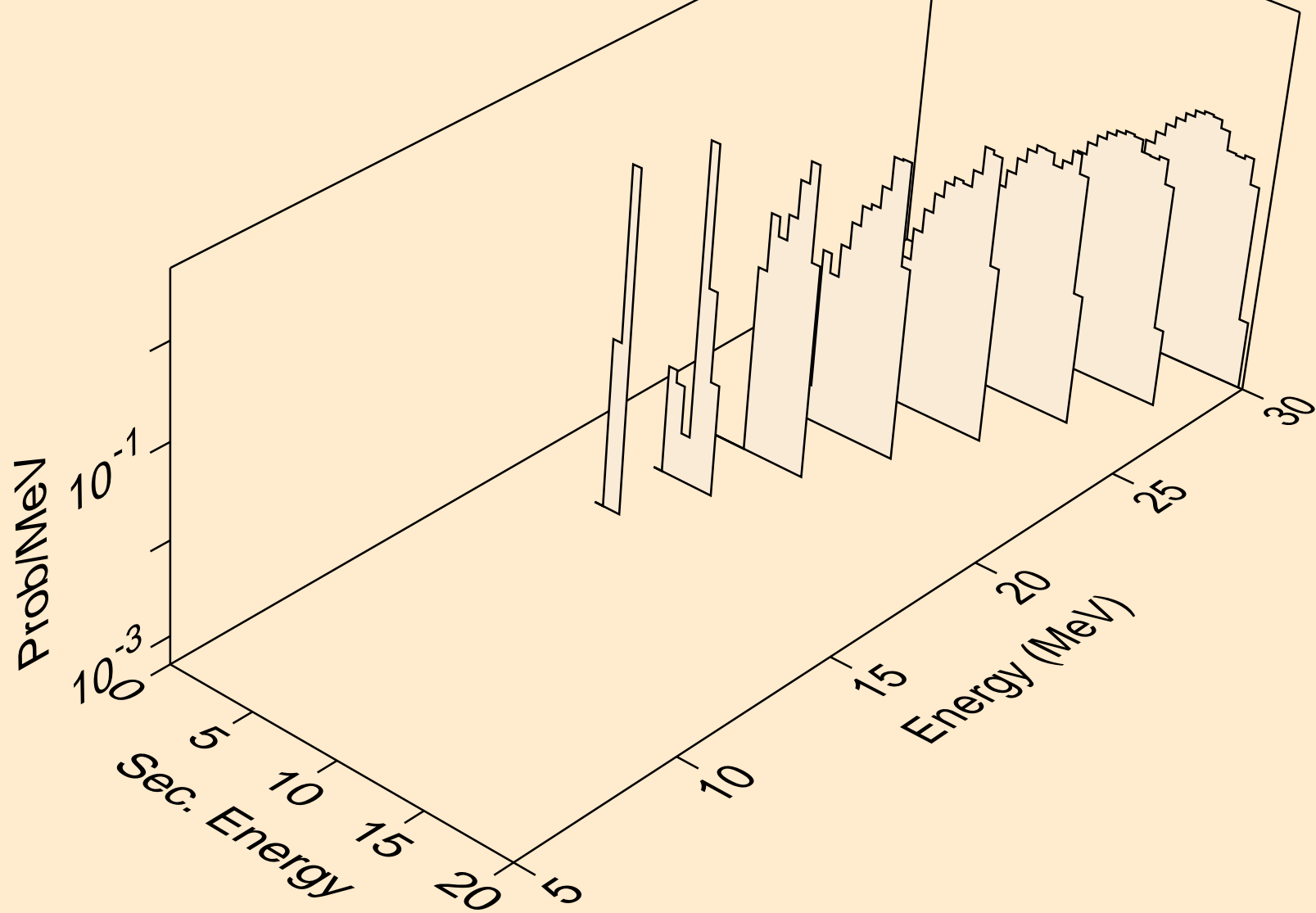
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



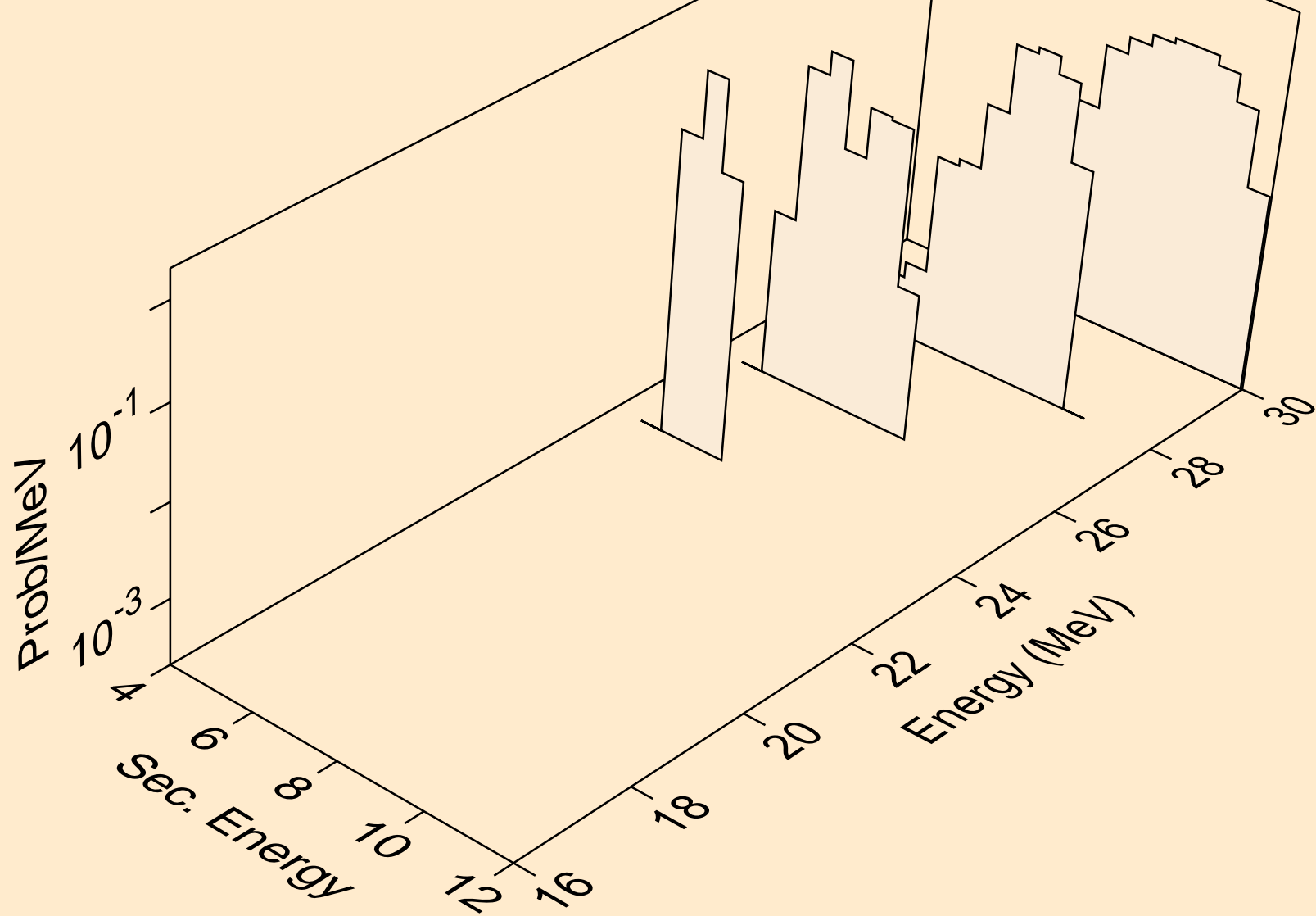
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



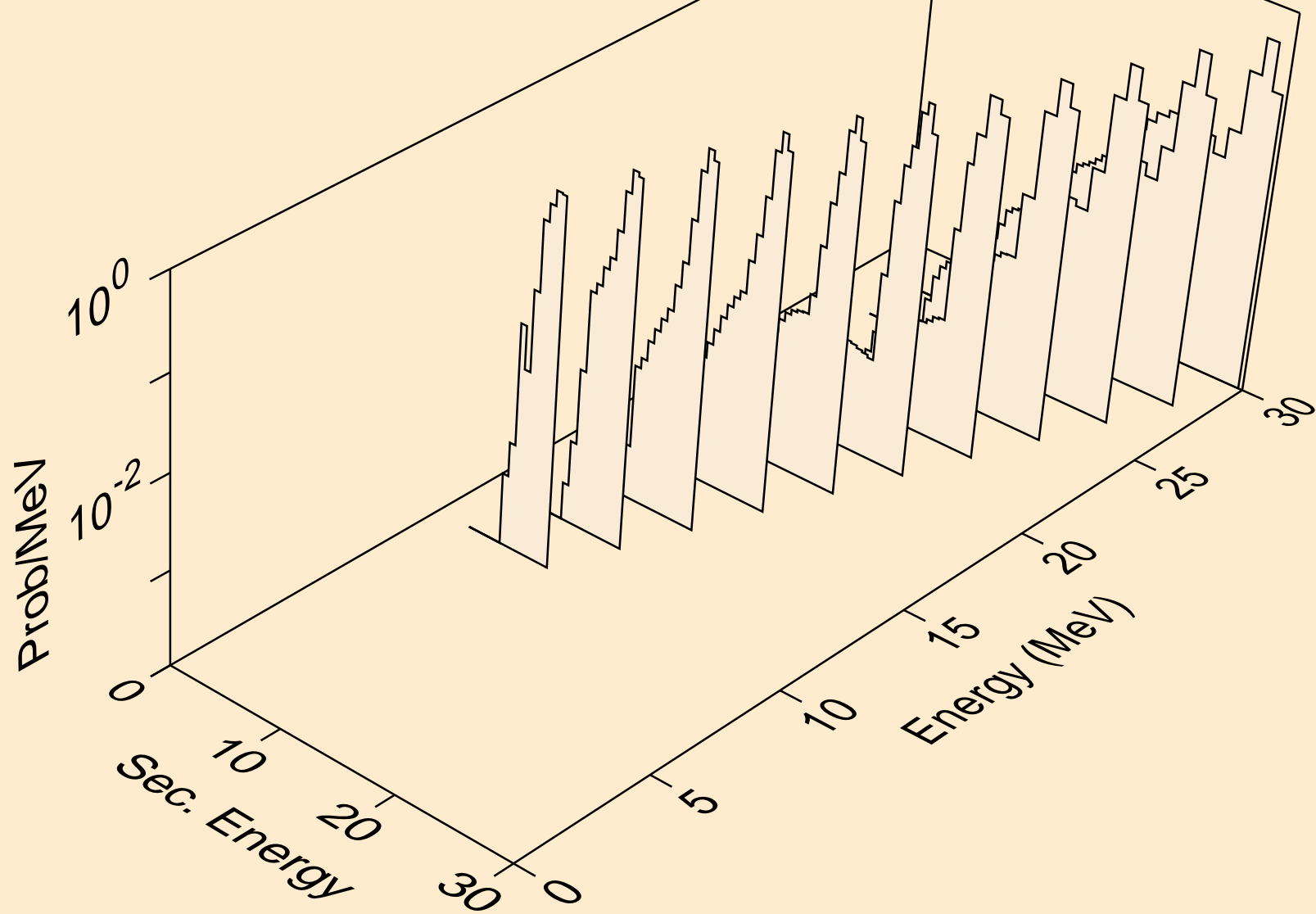
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



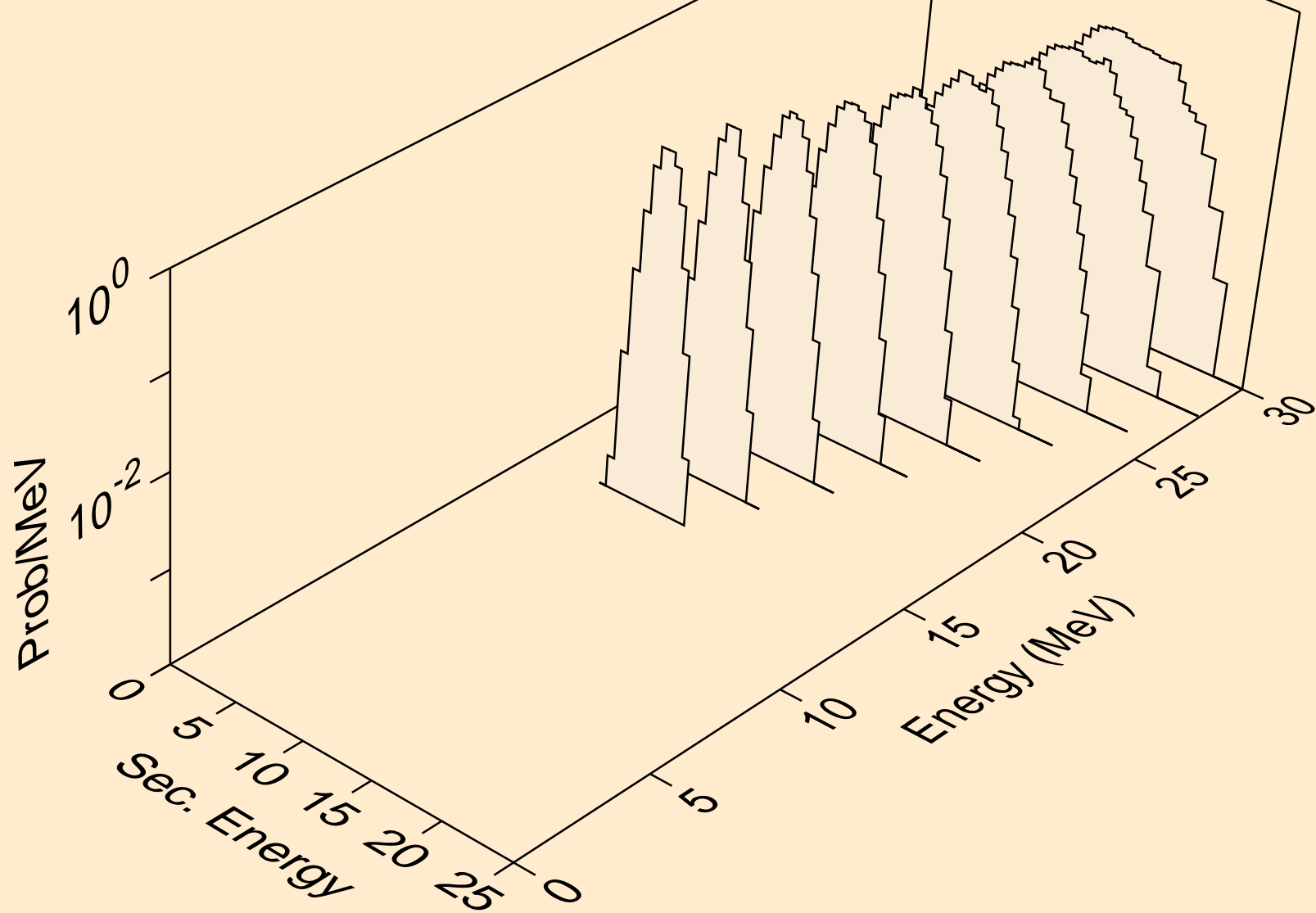
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



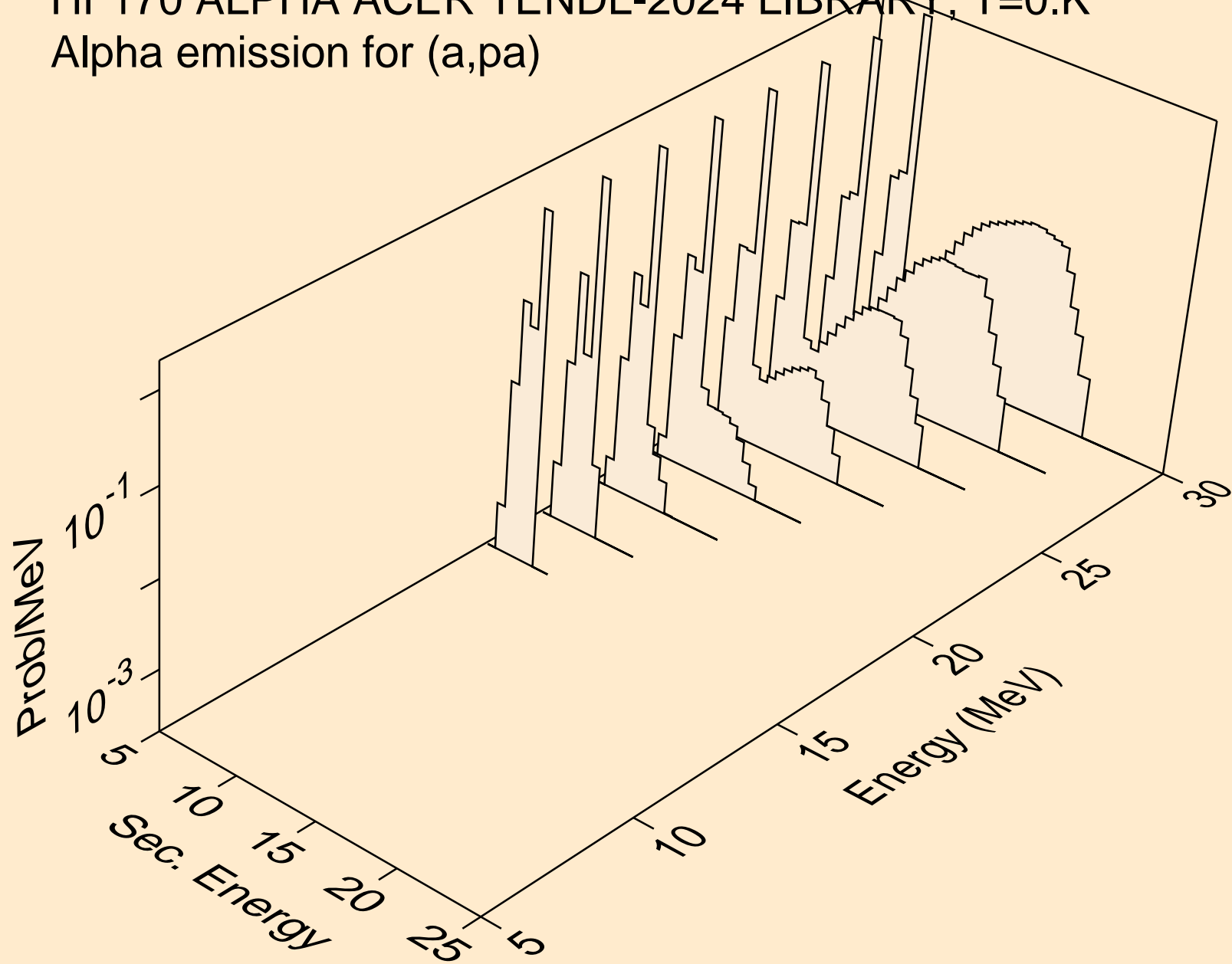
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



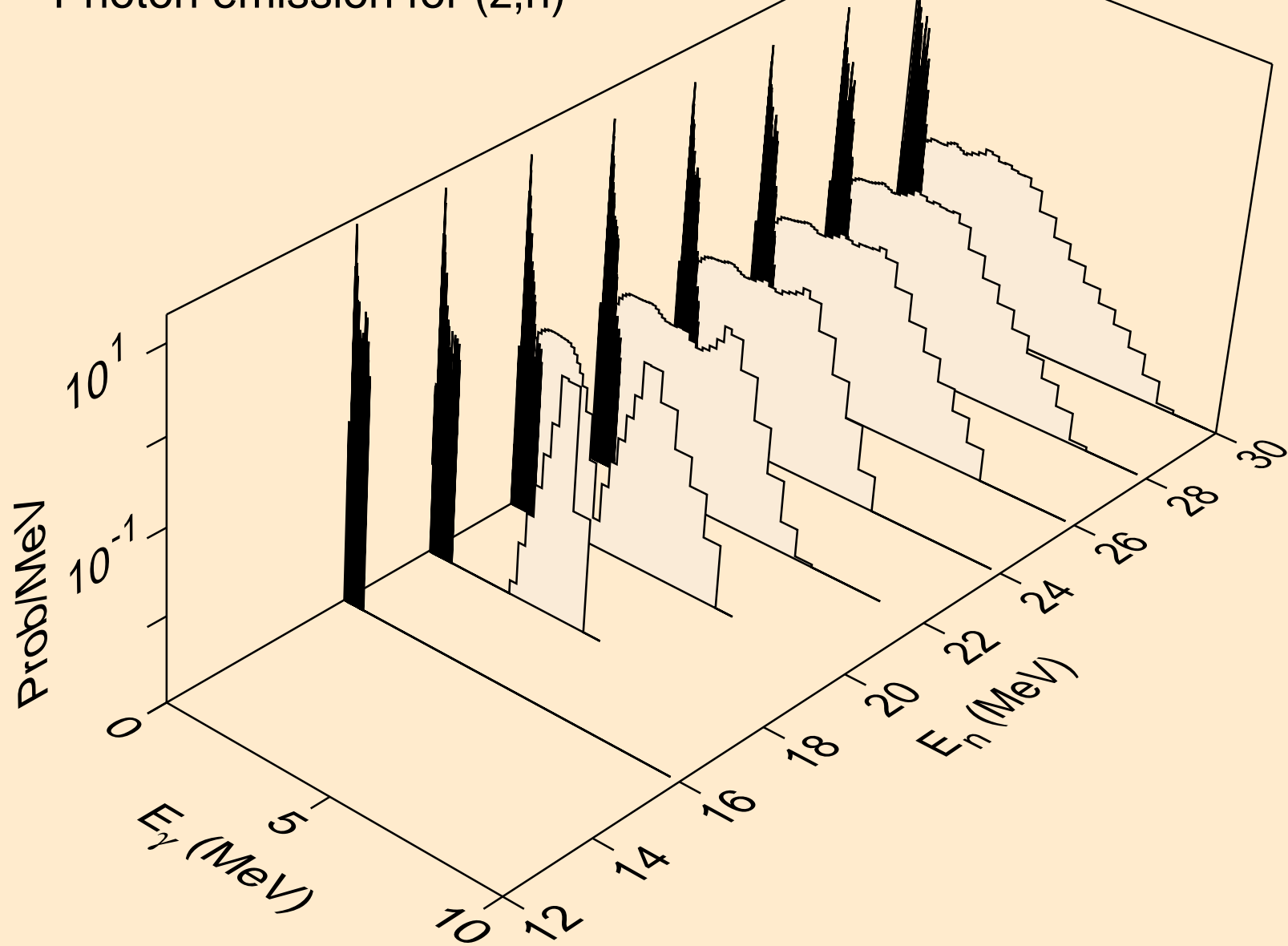
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



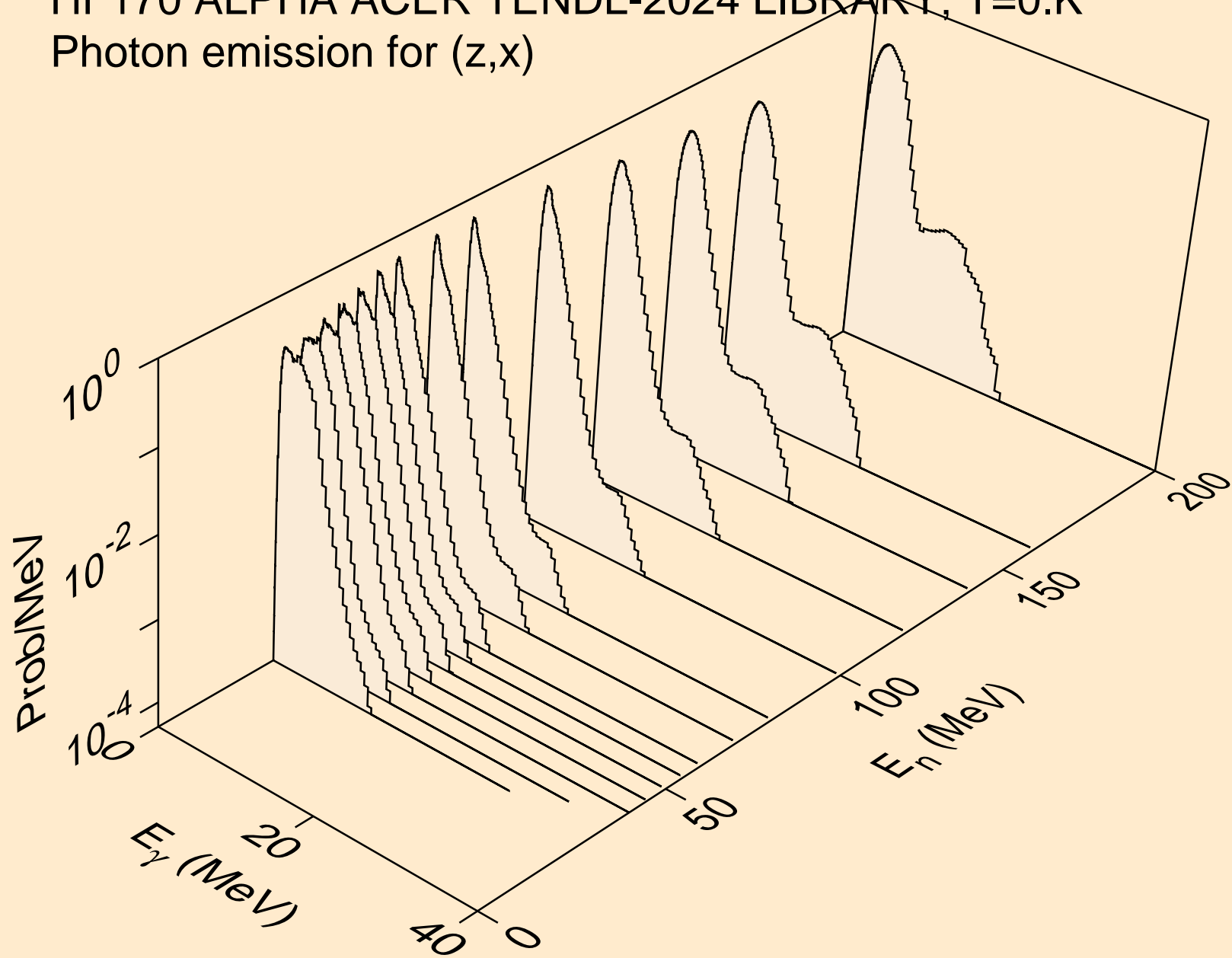
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



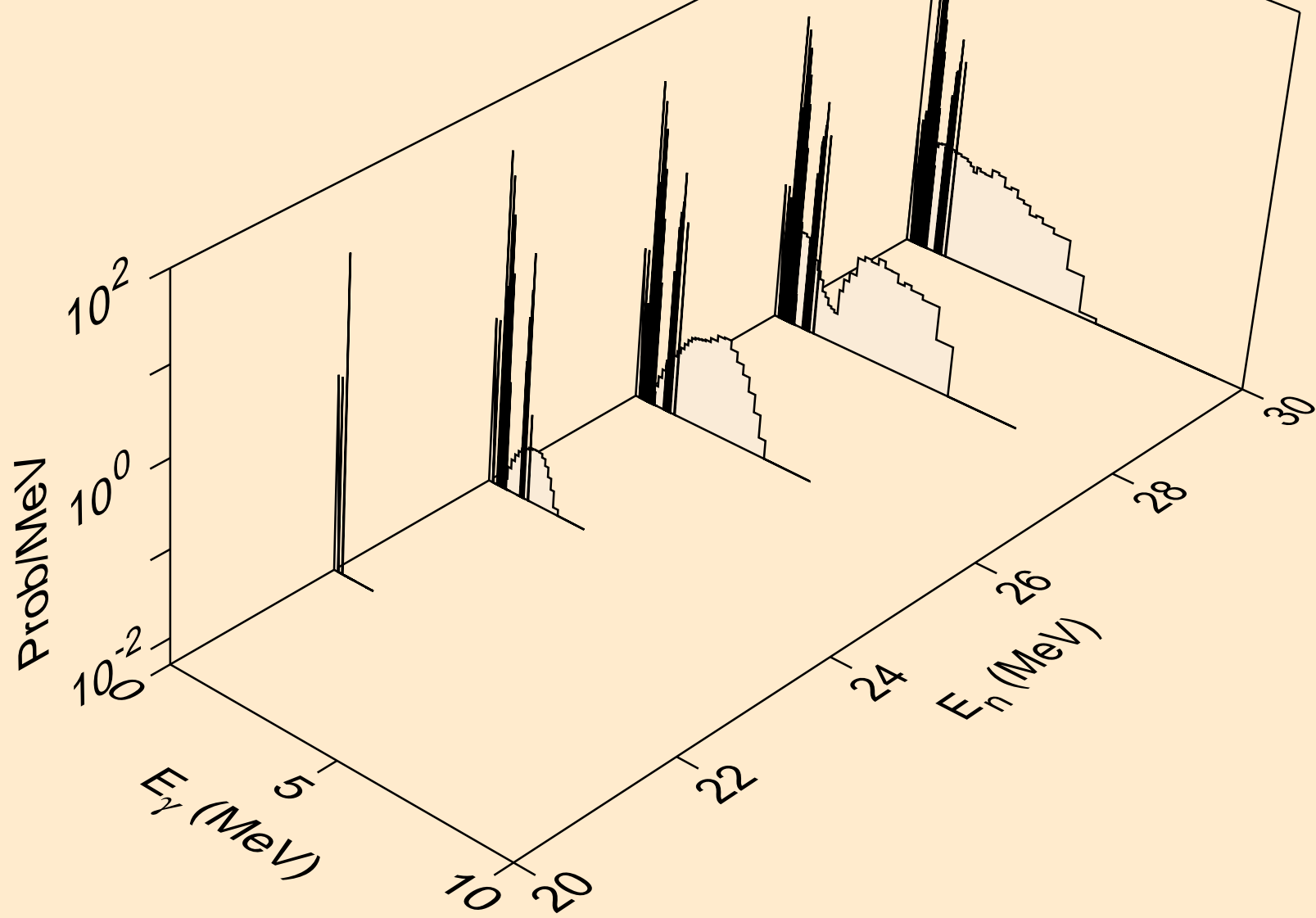
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



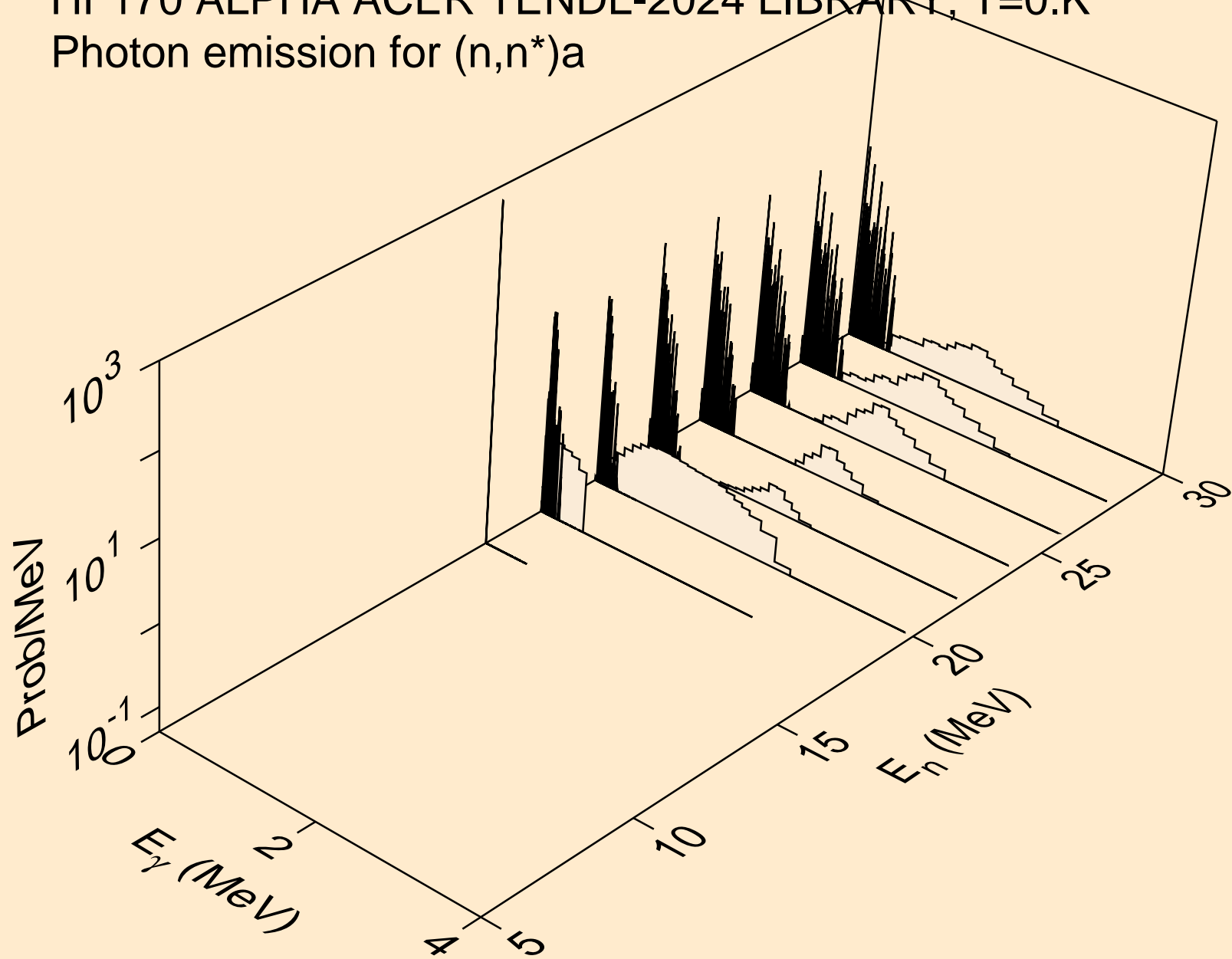
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



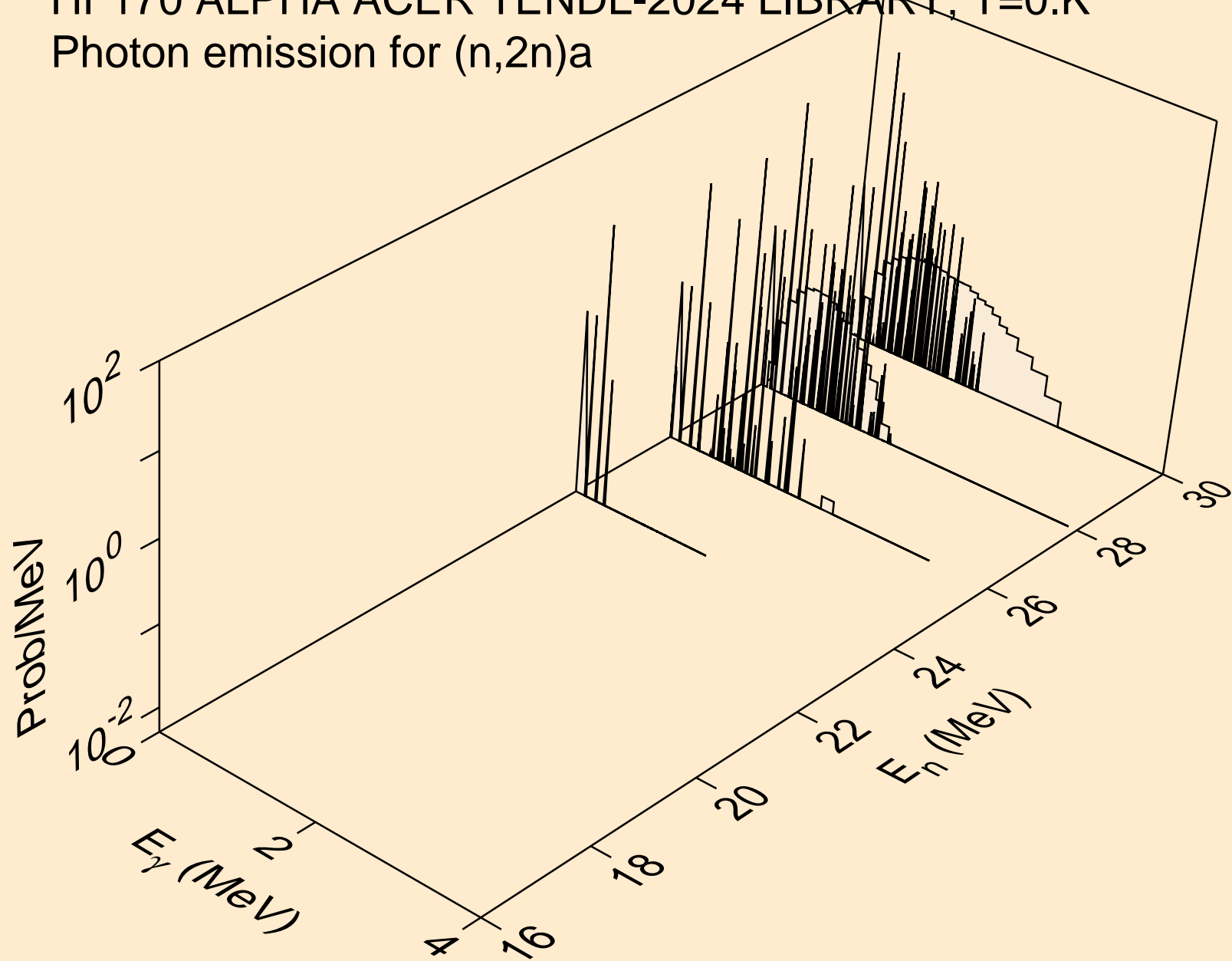
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



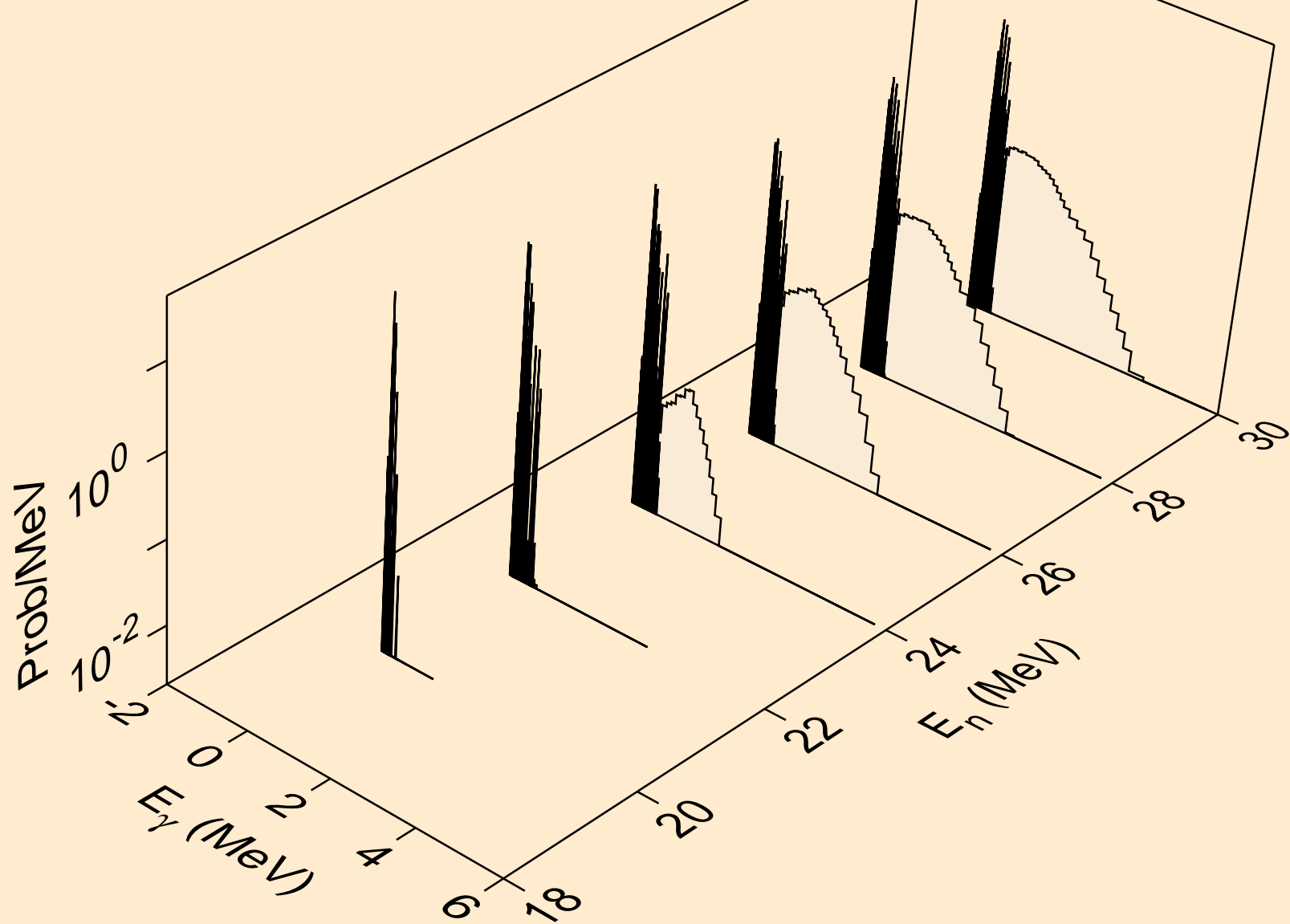
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



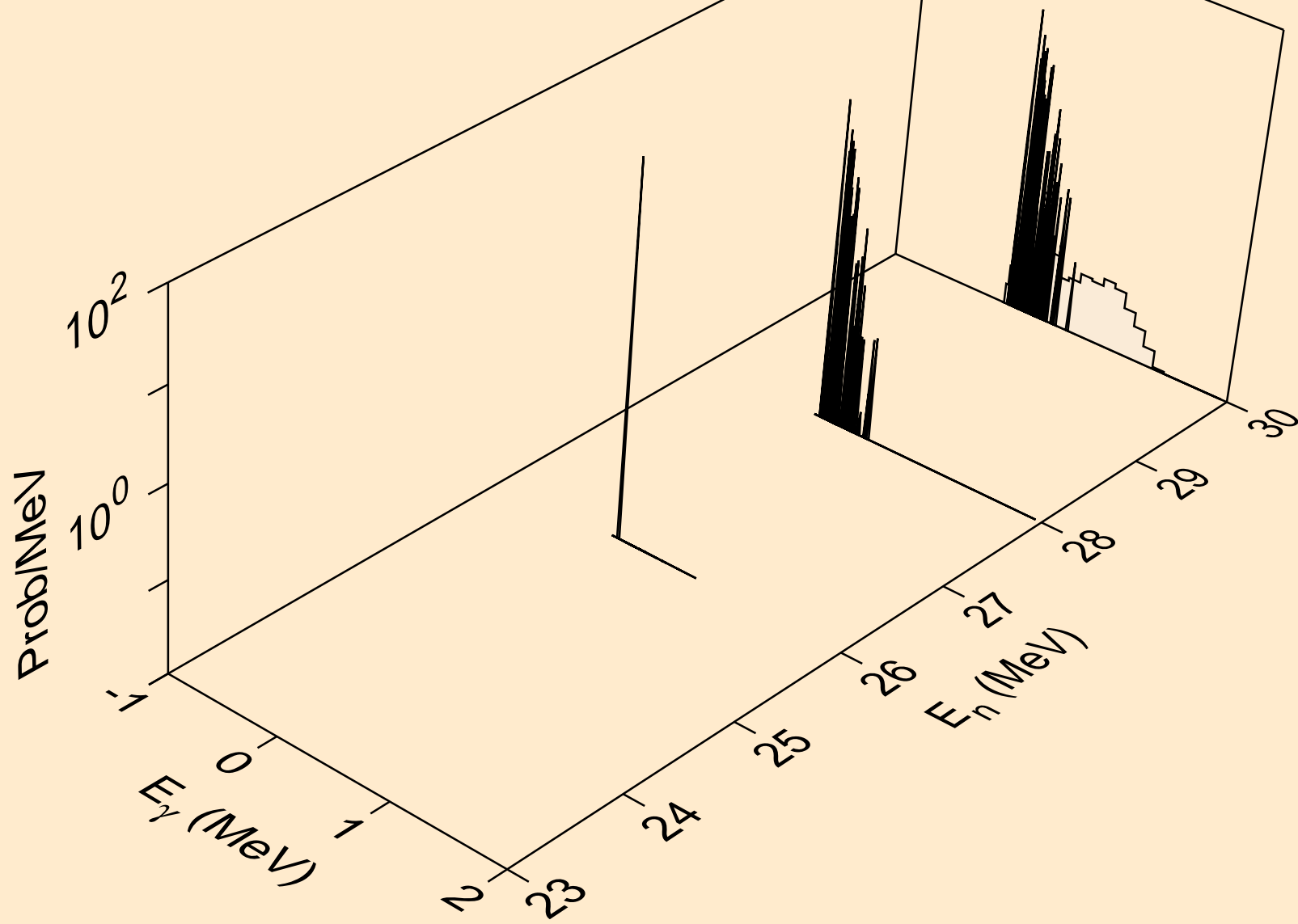
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



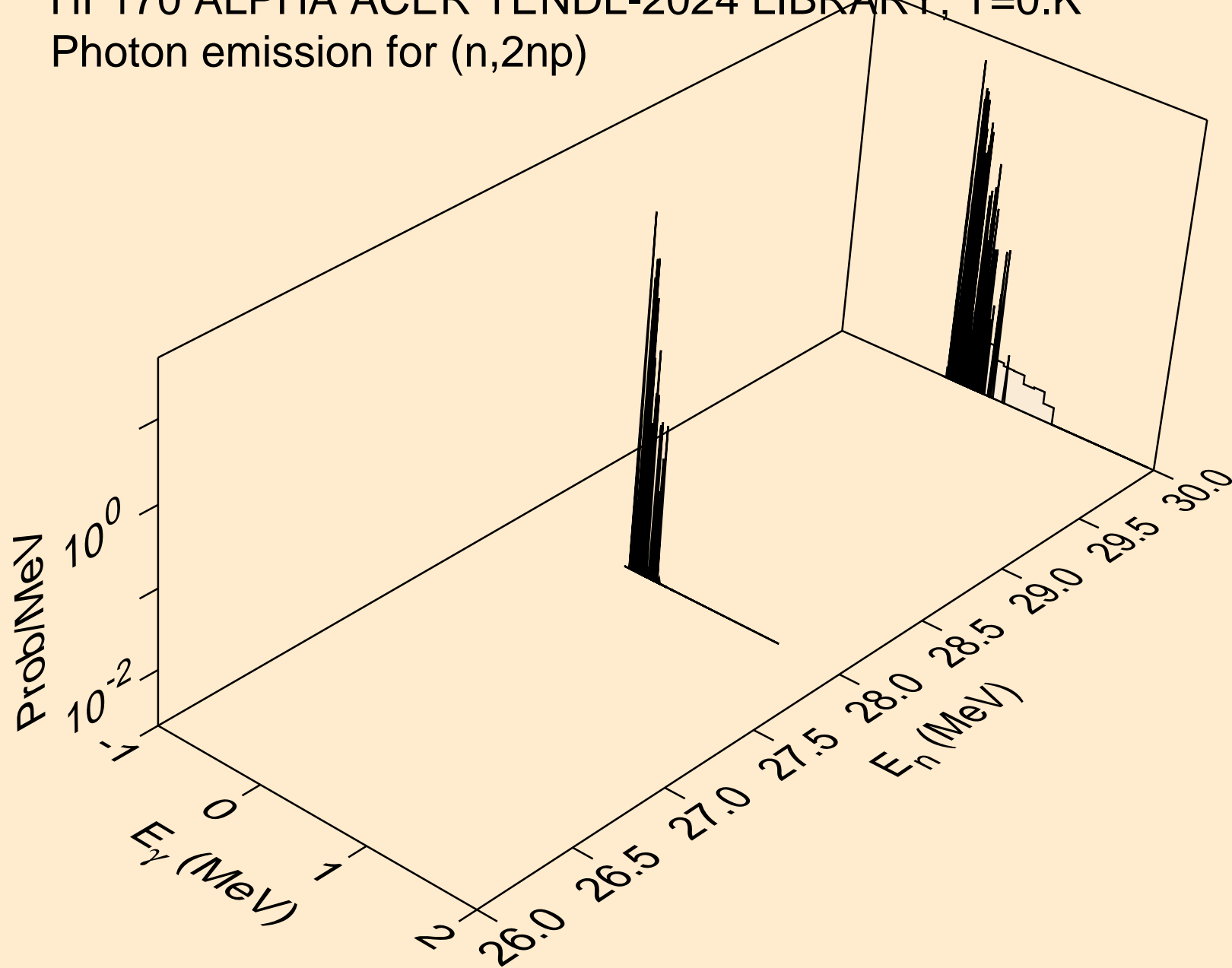
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



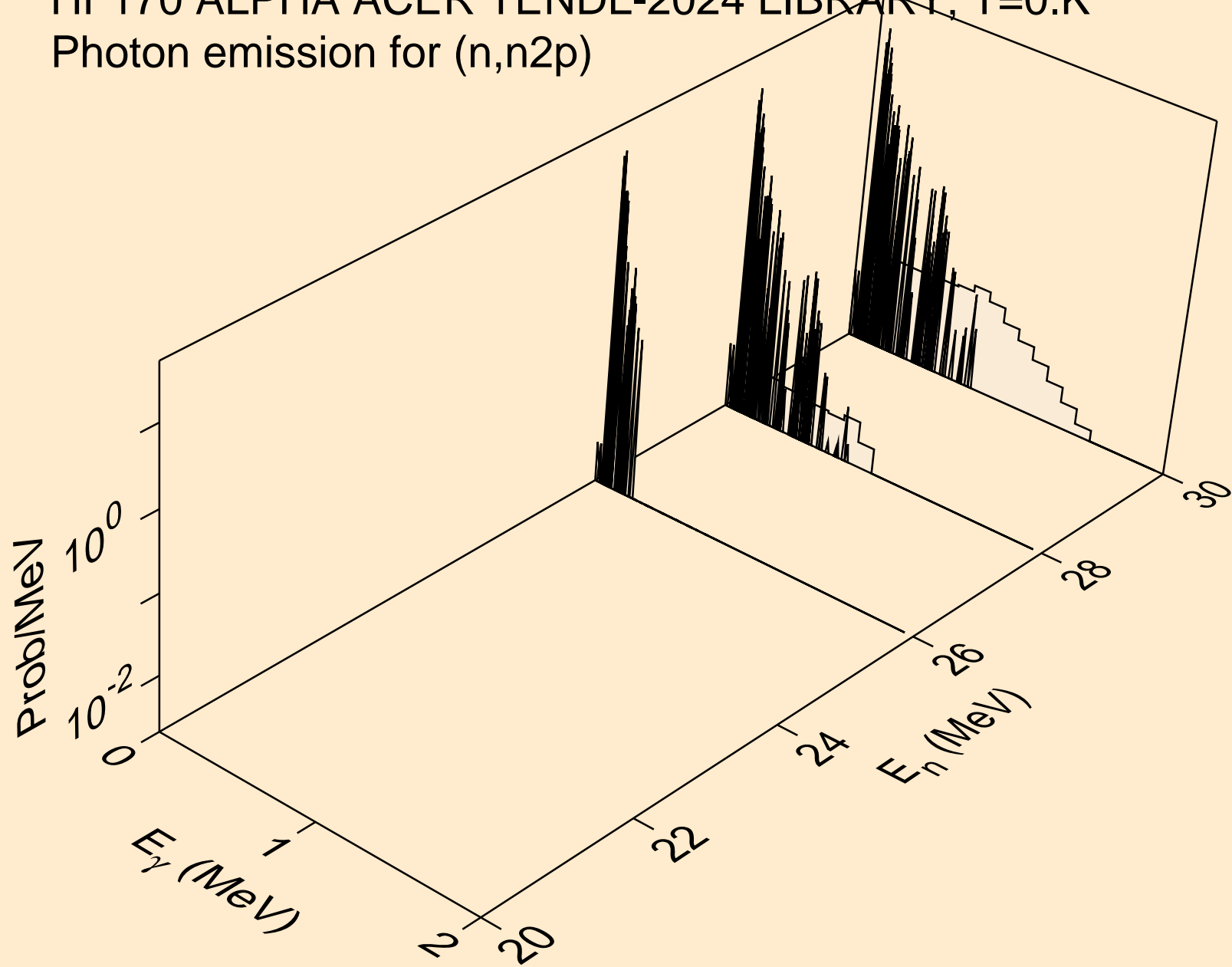
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



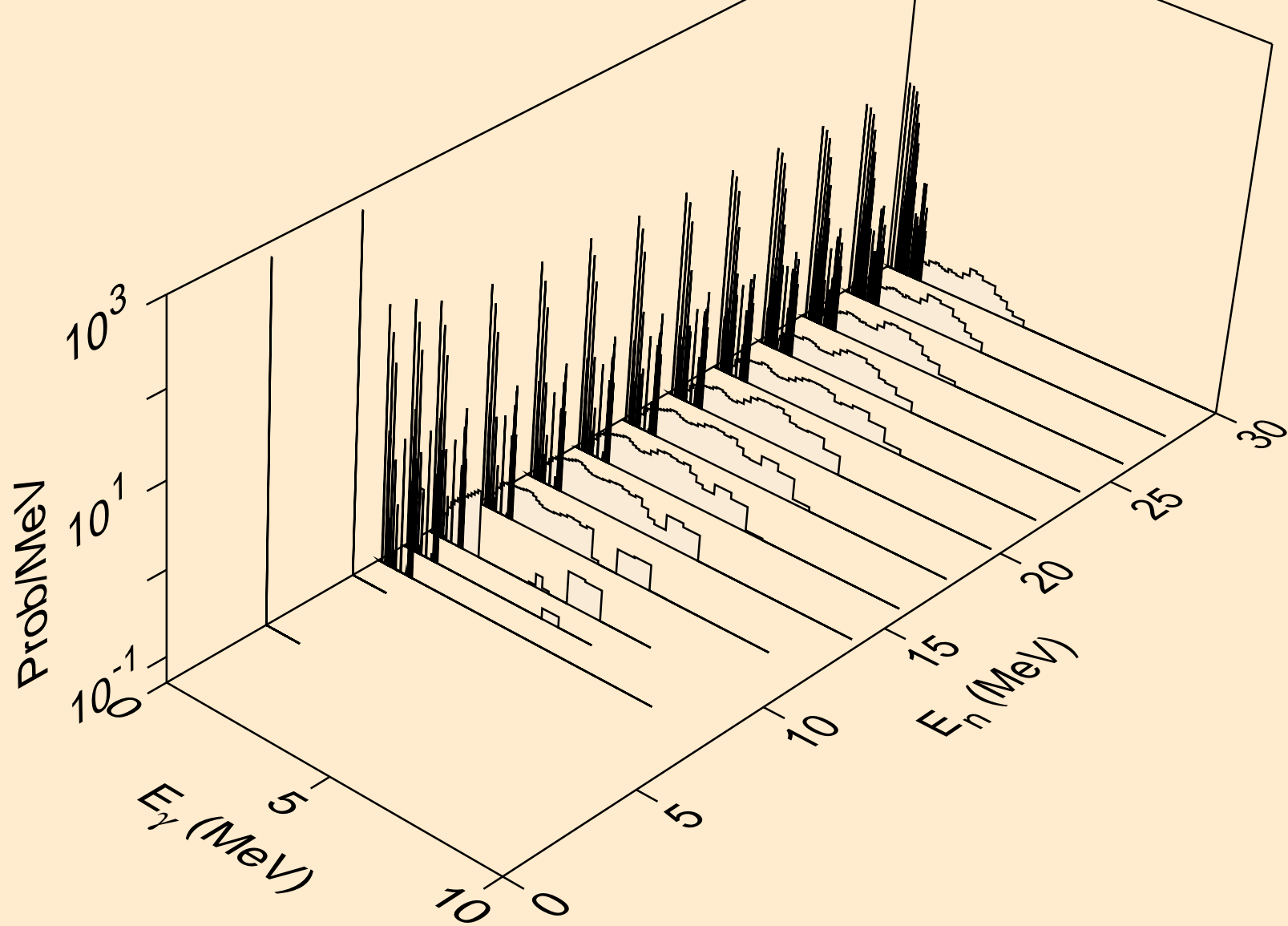
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



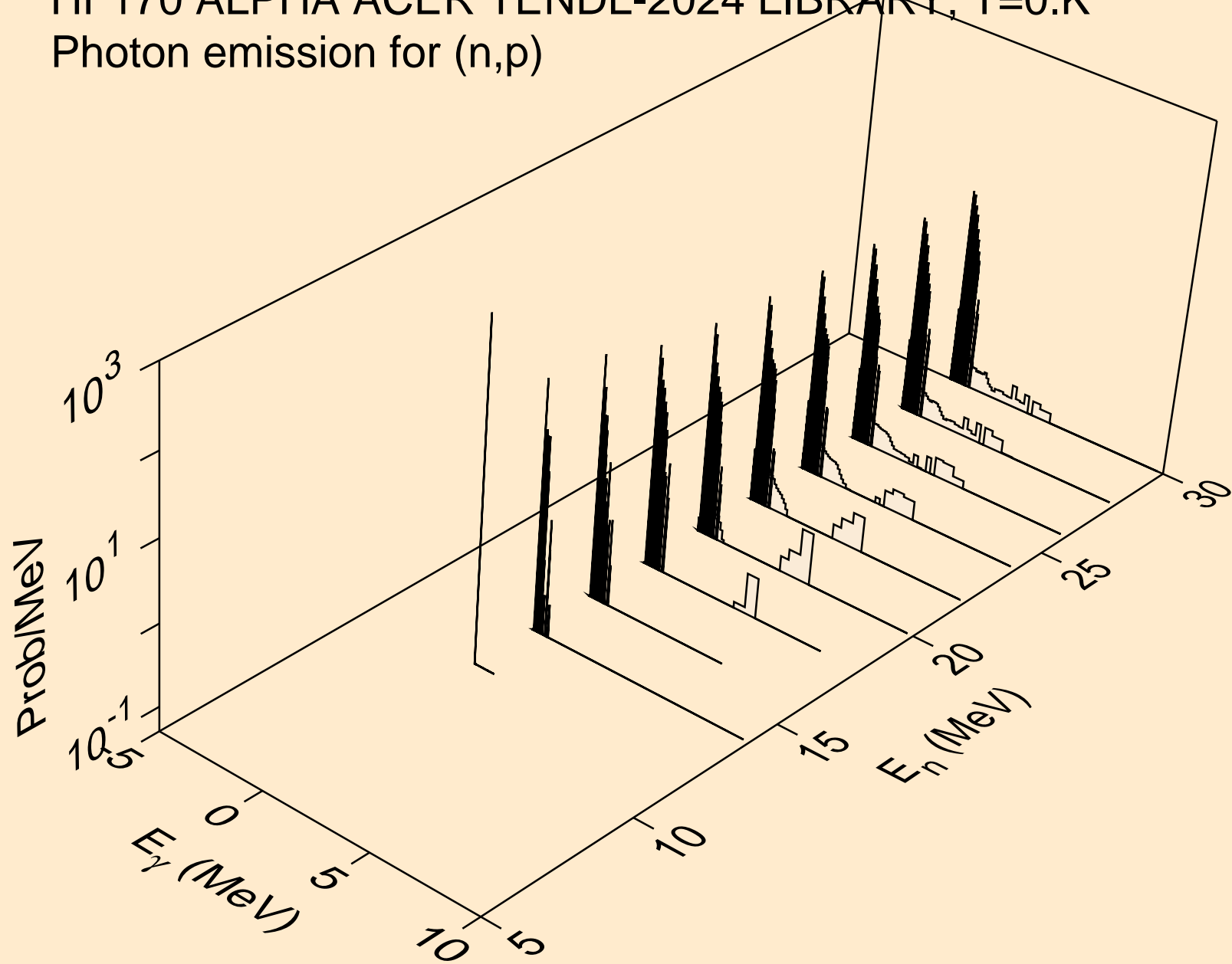
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



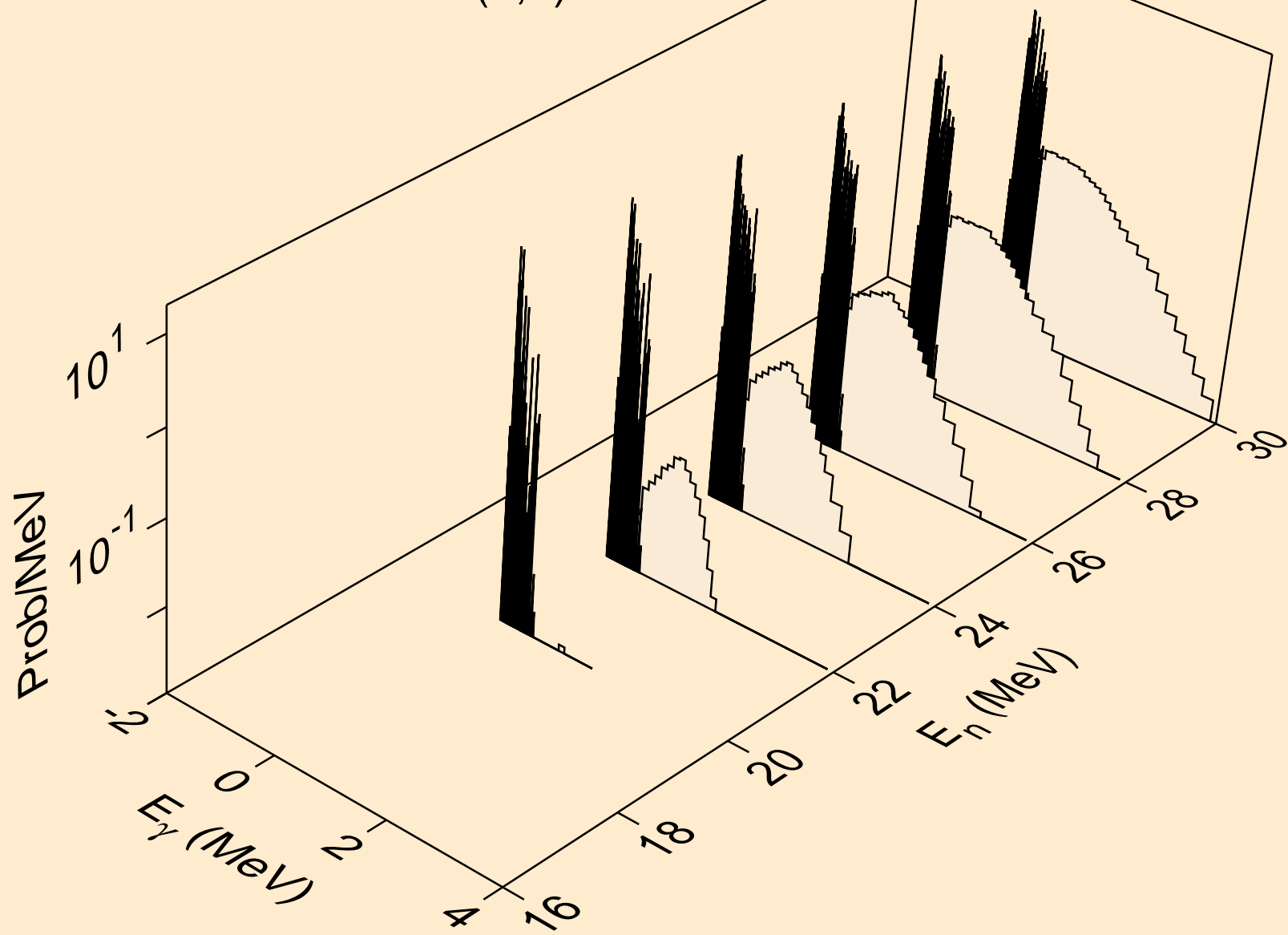
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



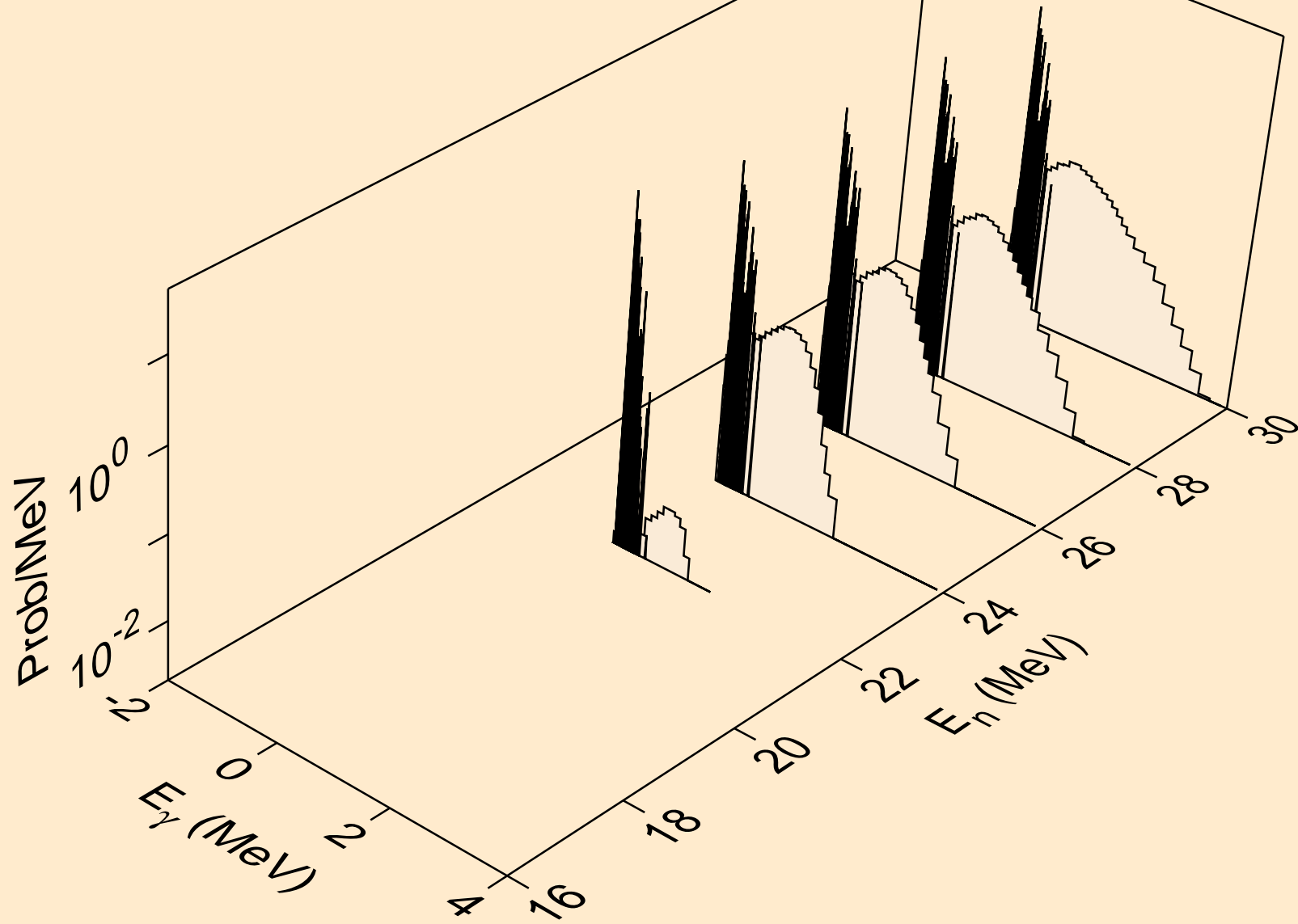
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



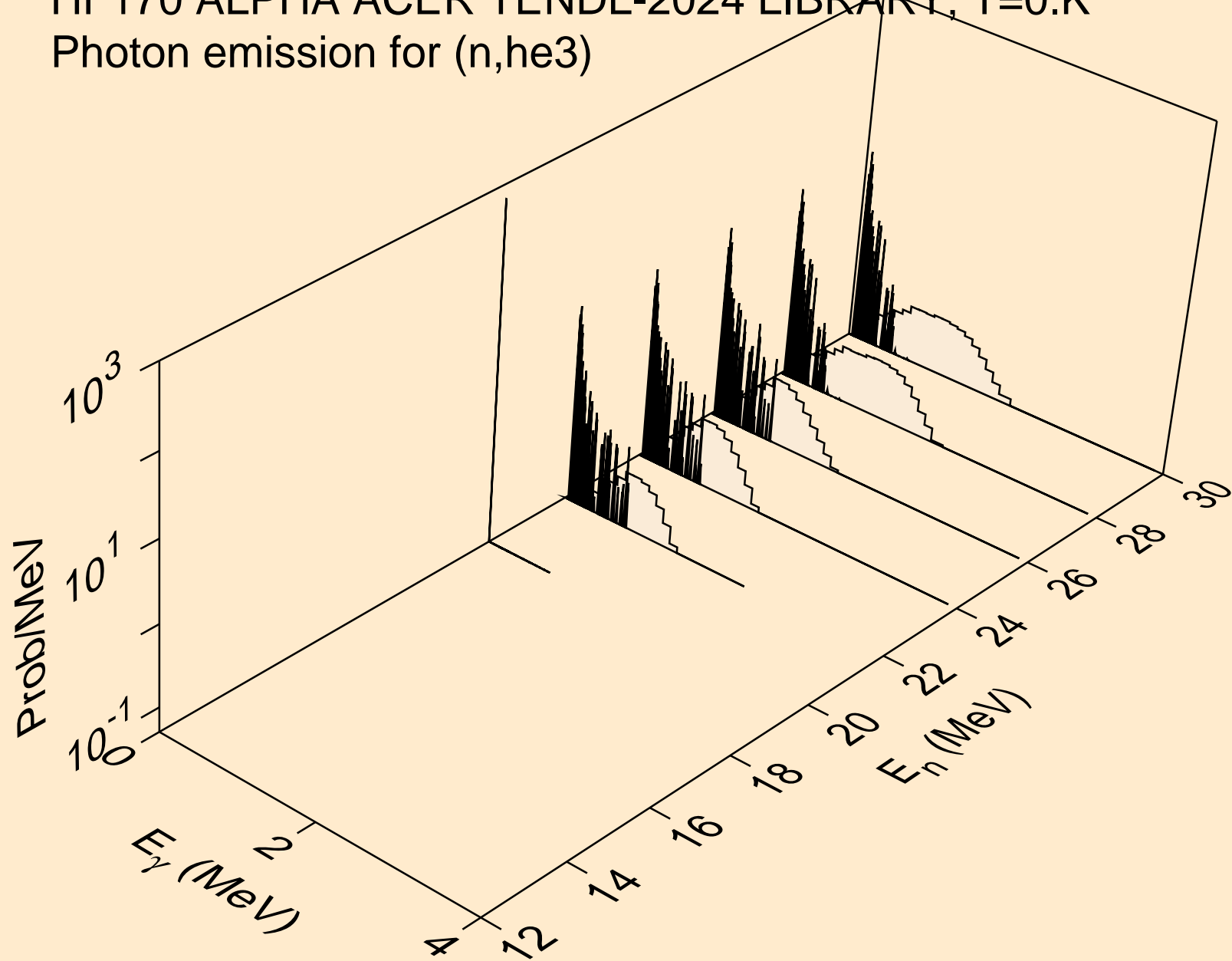
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



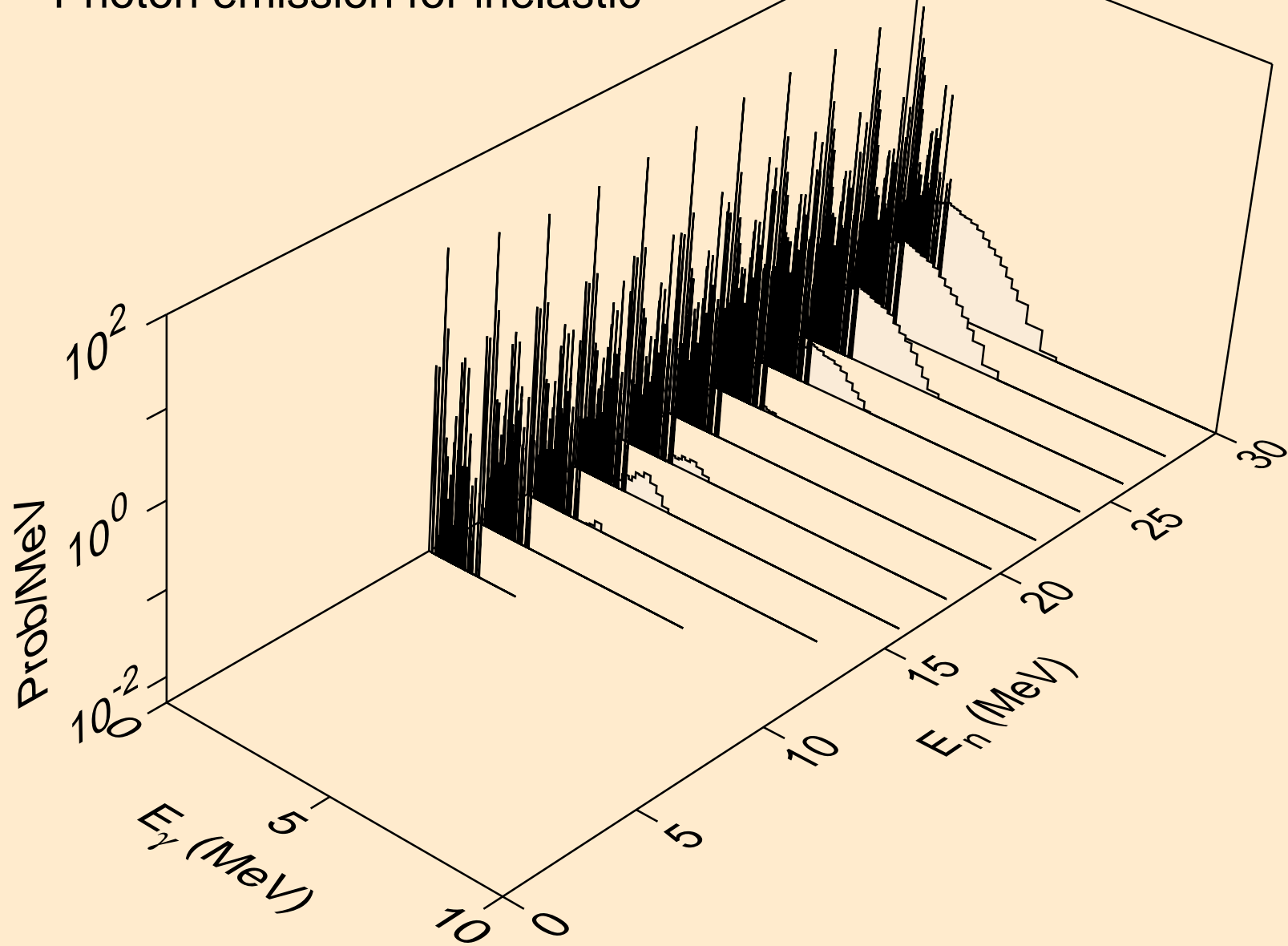
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



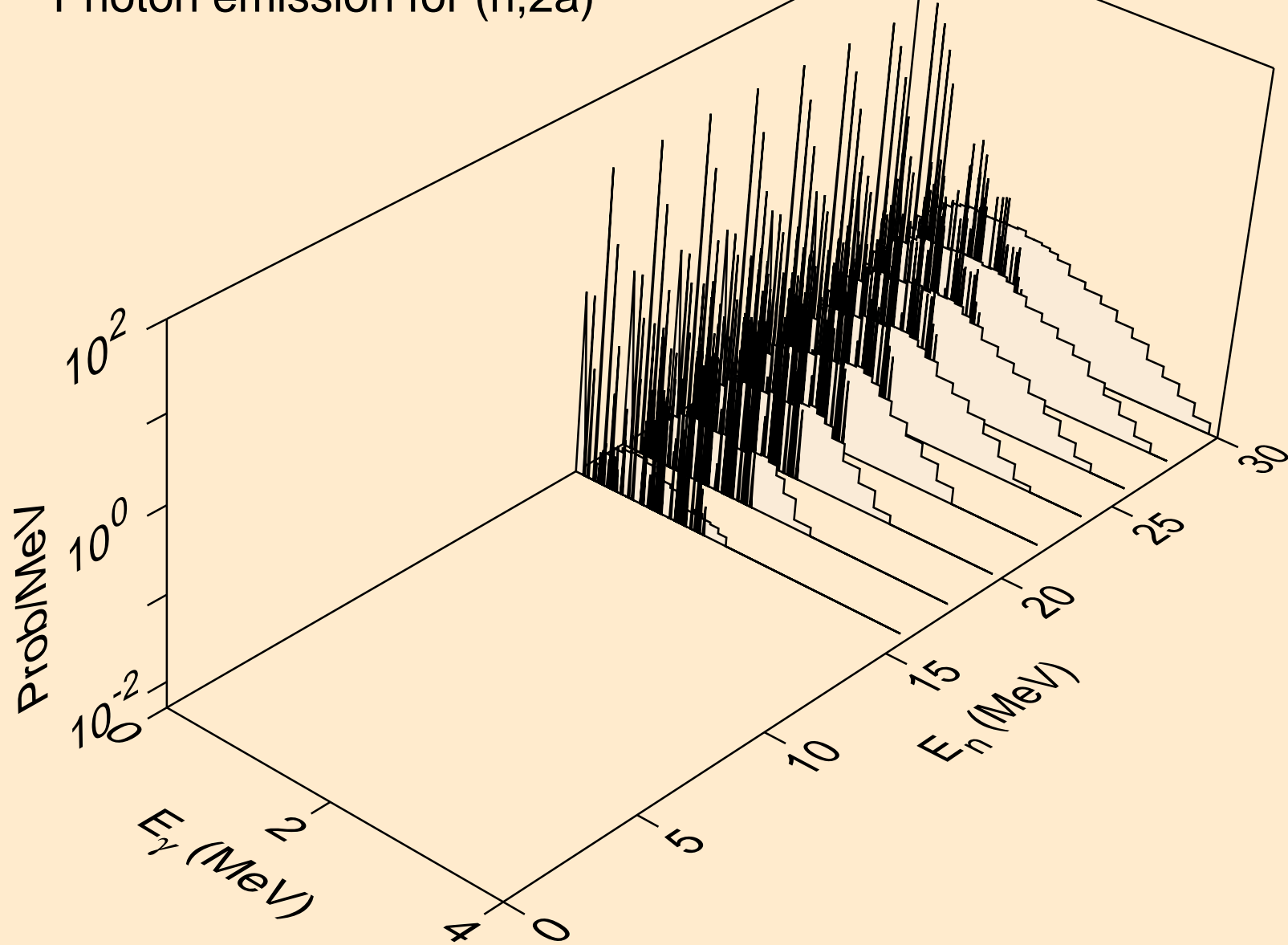
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



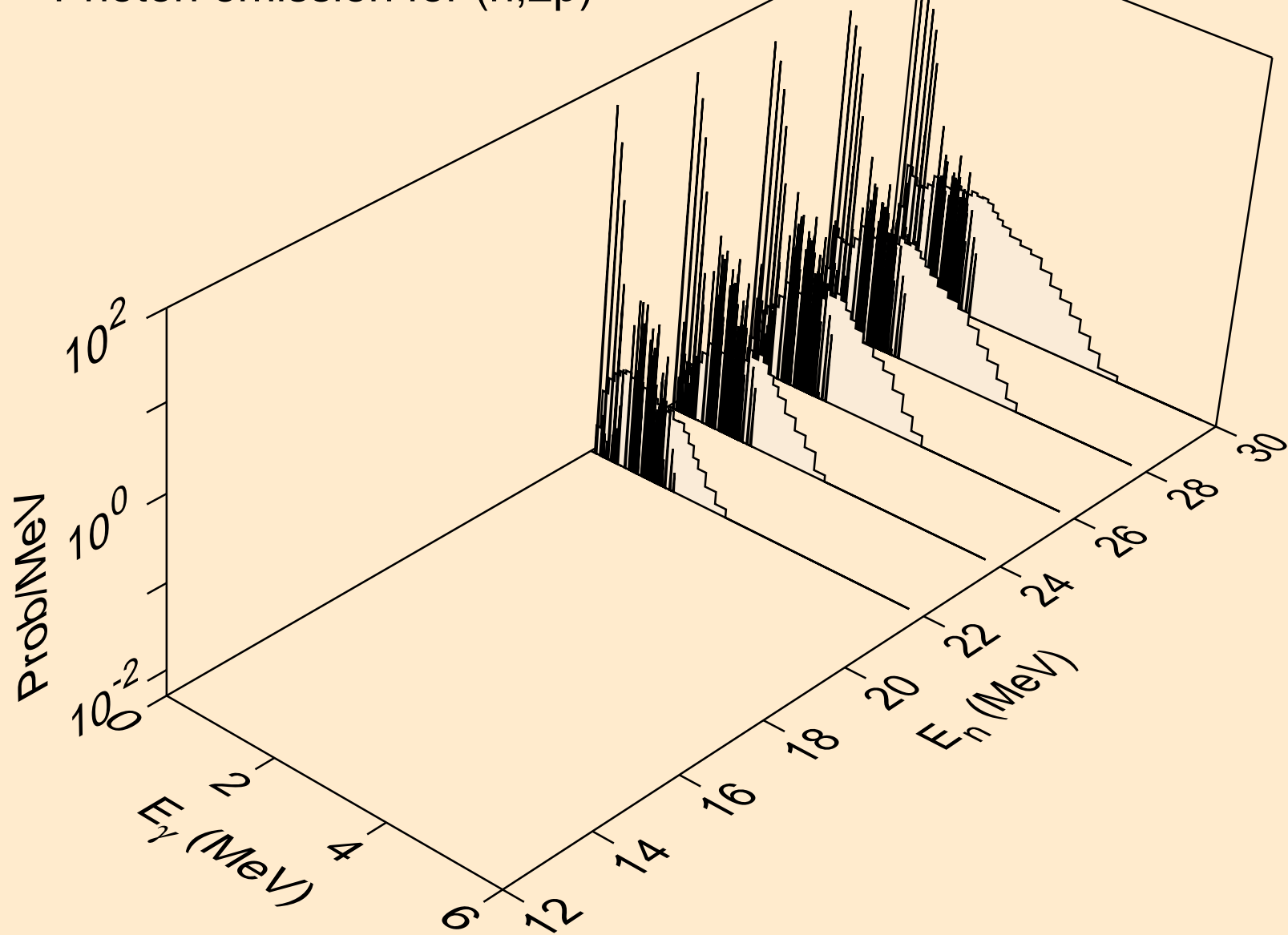
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



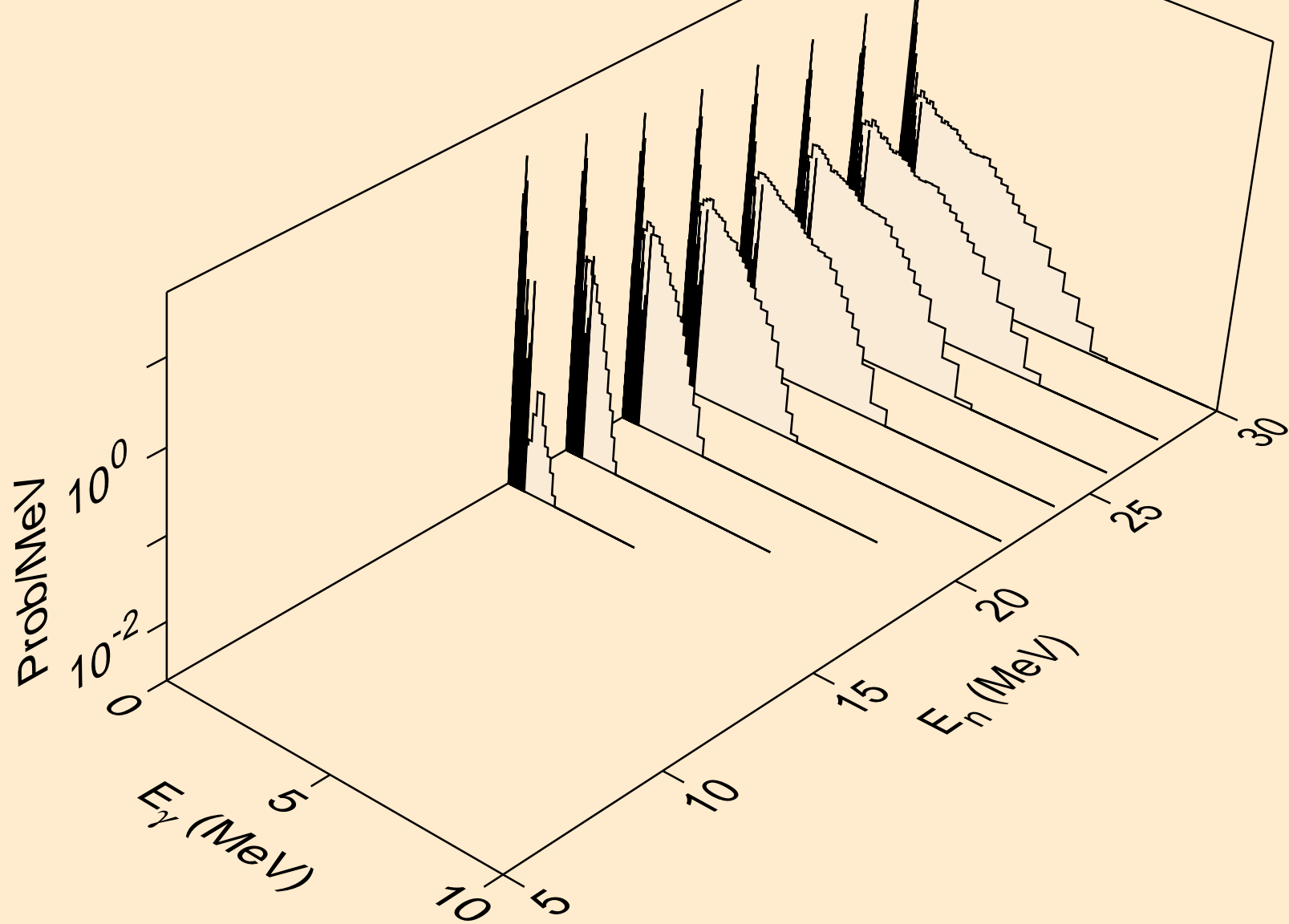
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

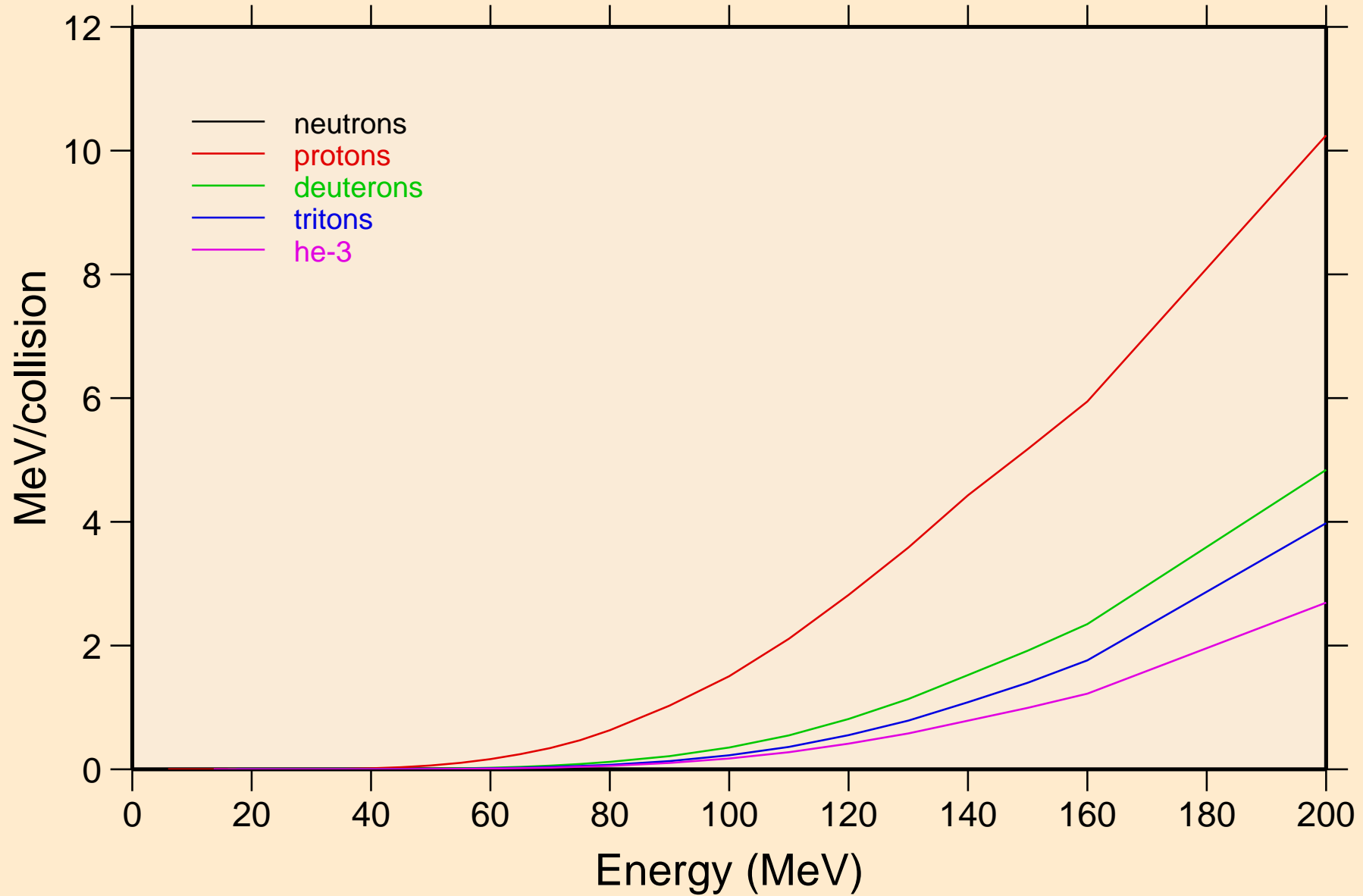


HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)

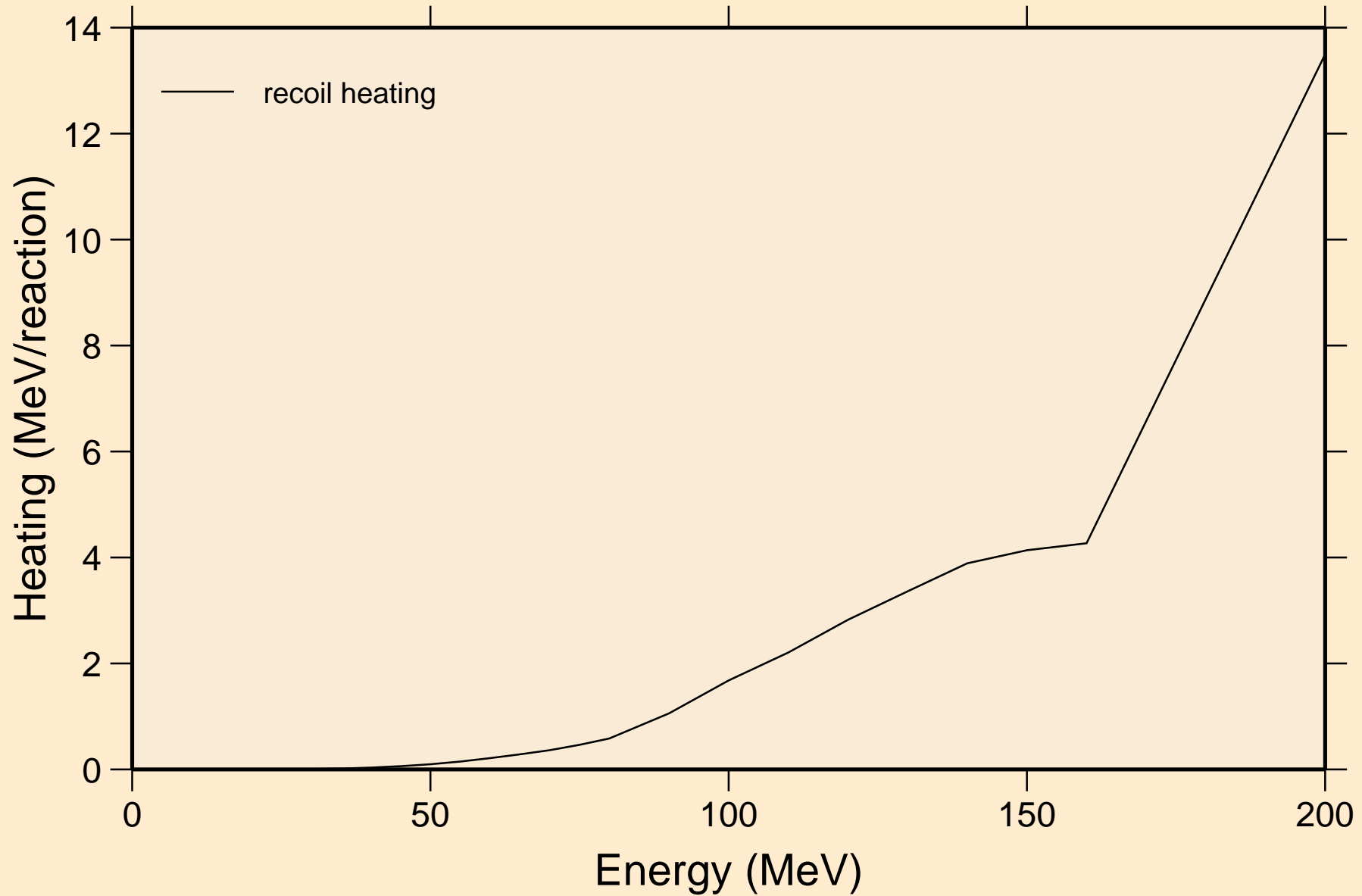


# HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

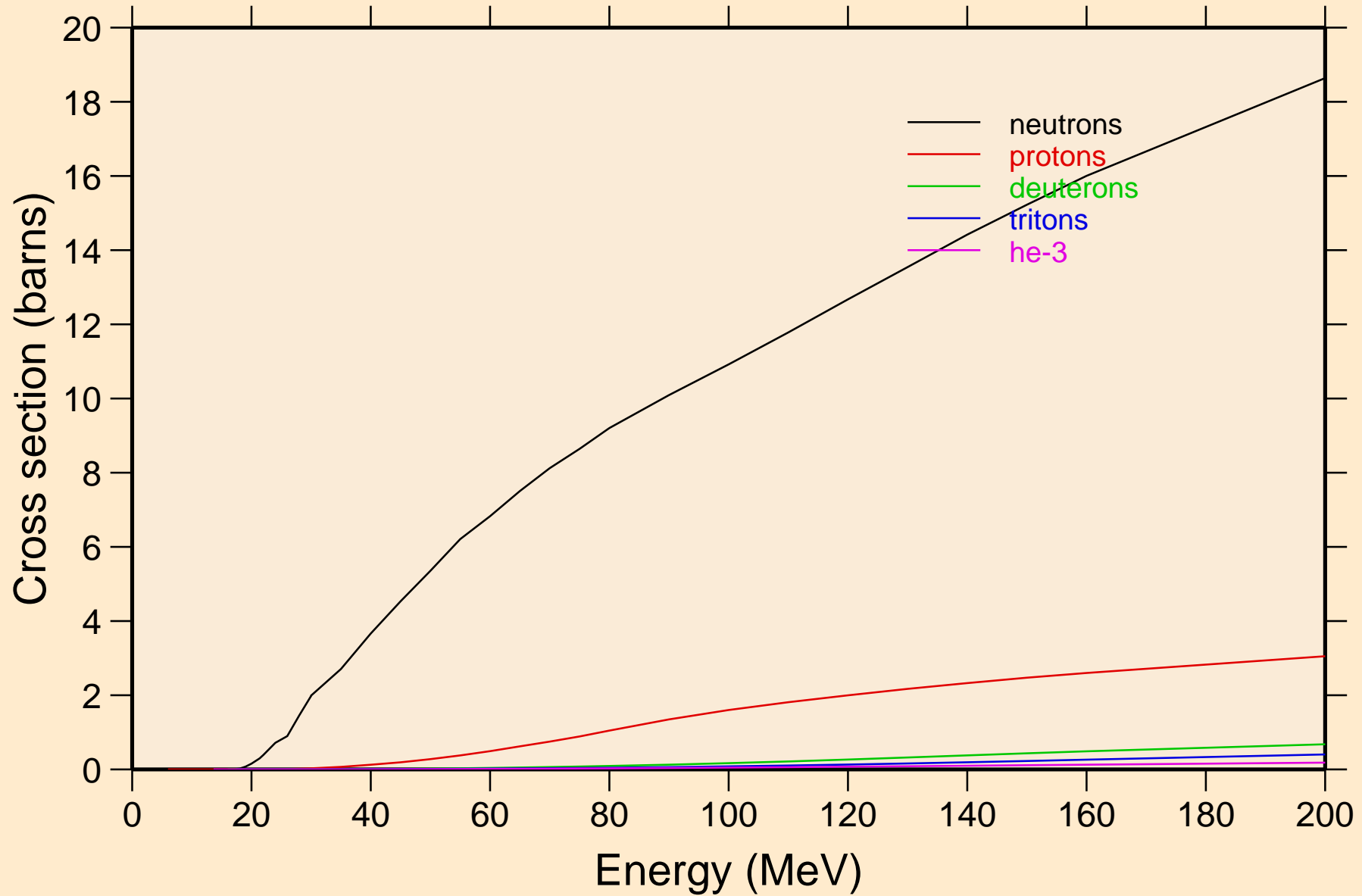
## Particle heating contributions



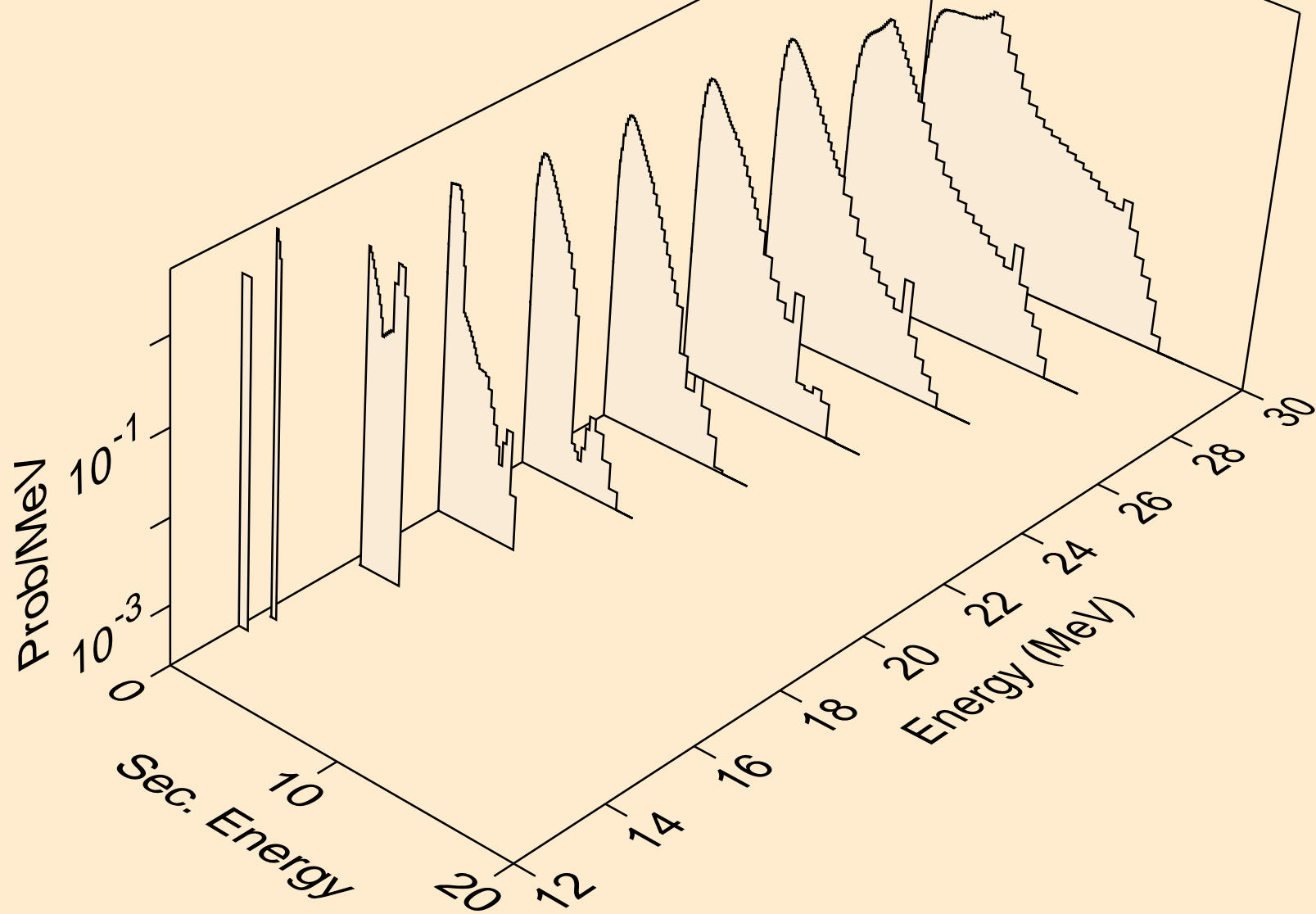
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



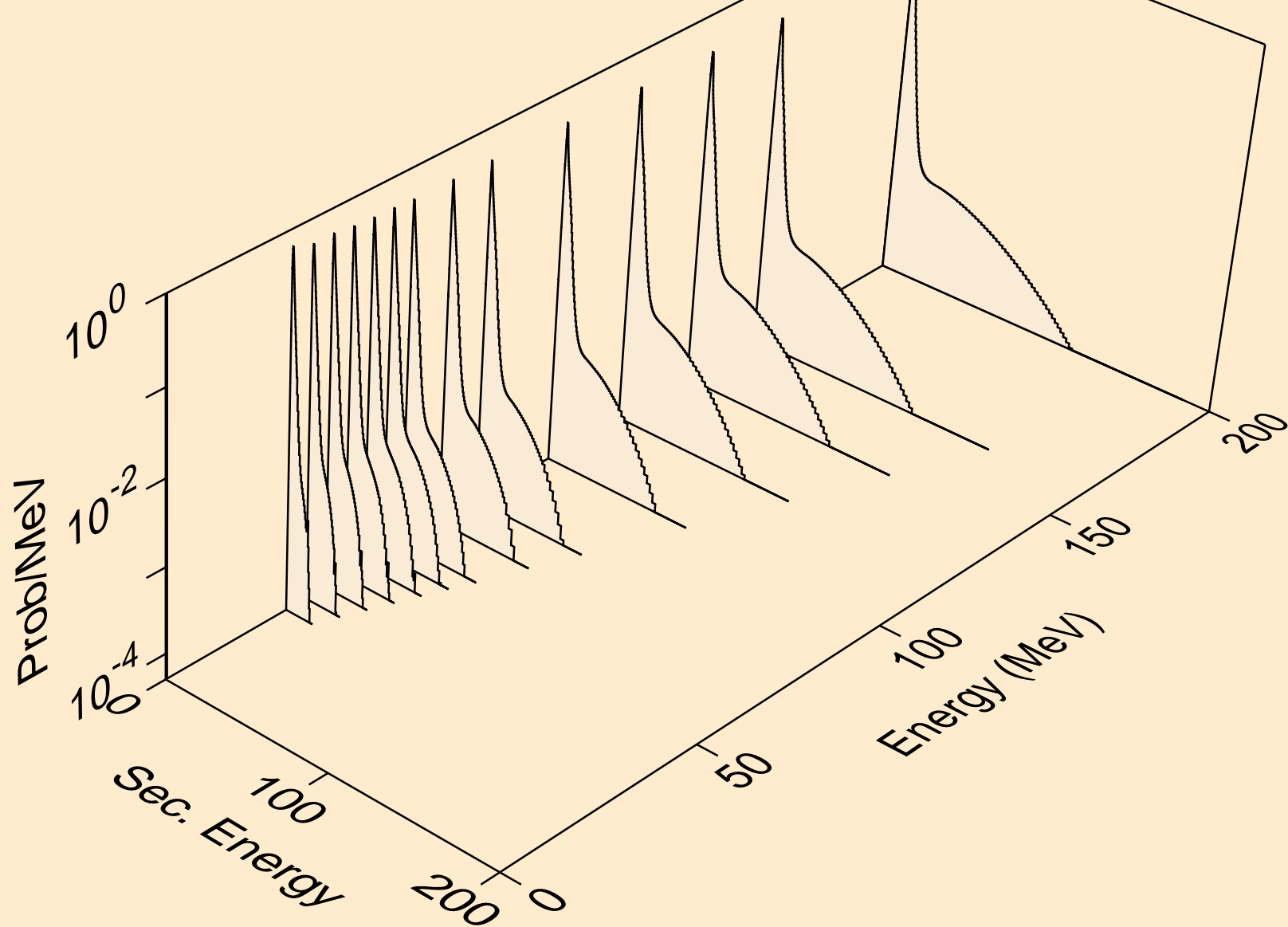
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



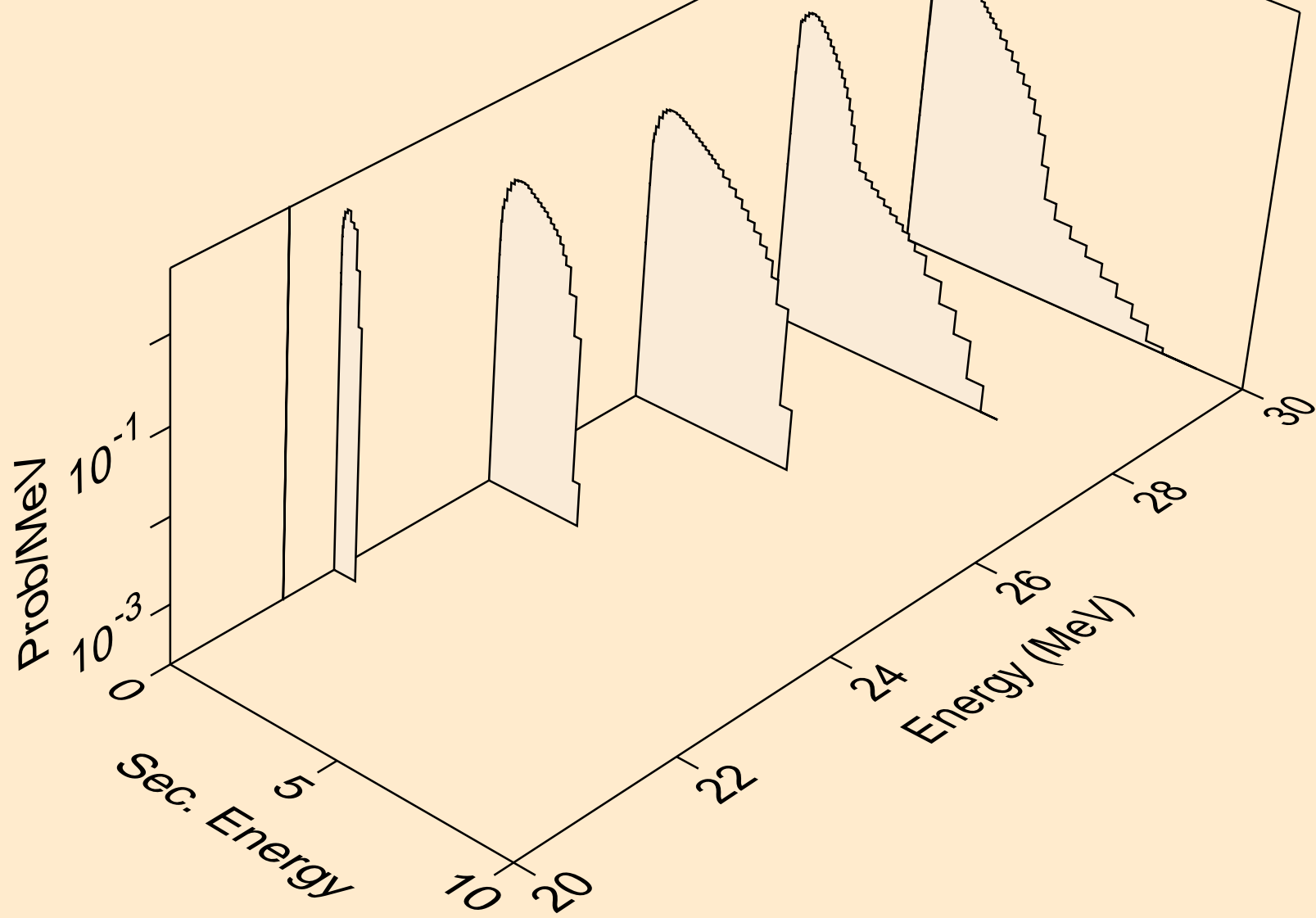
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



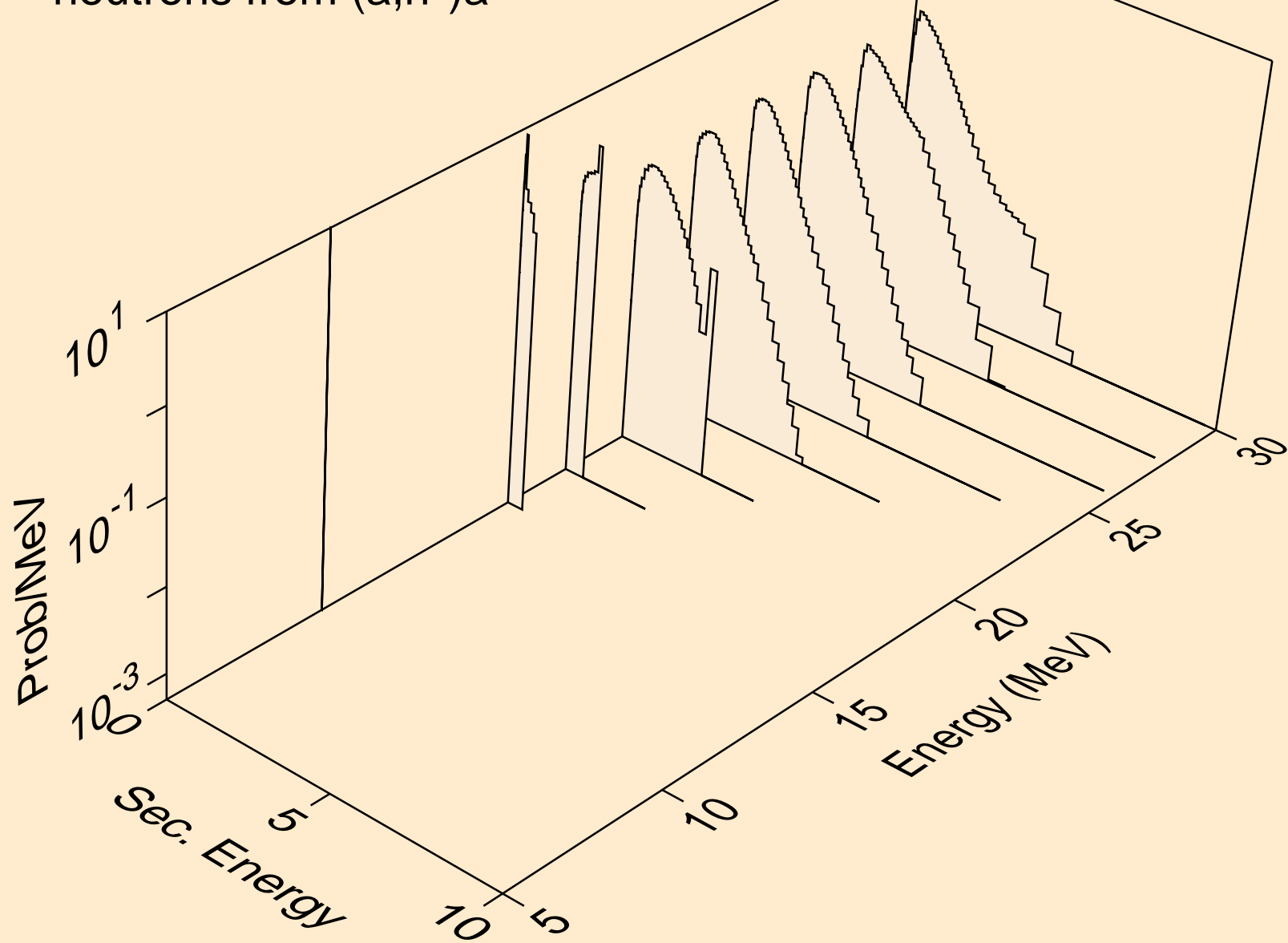
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



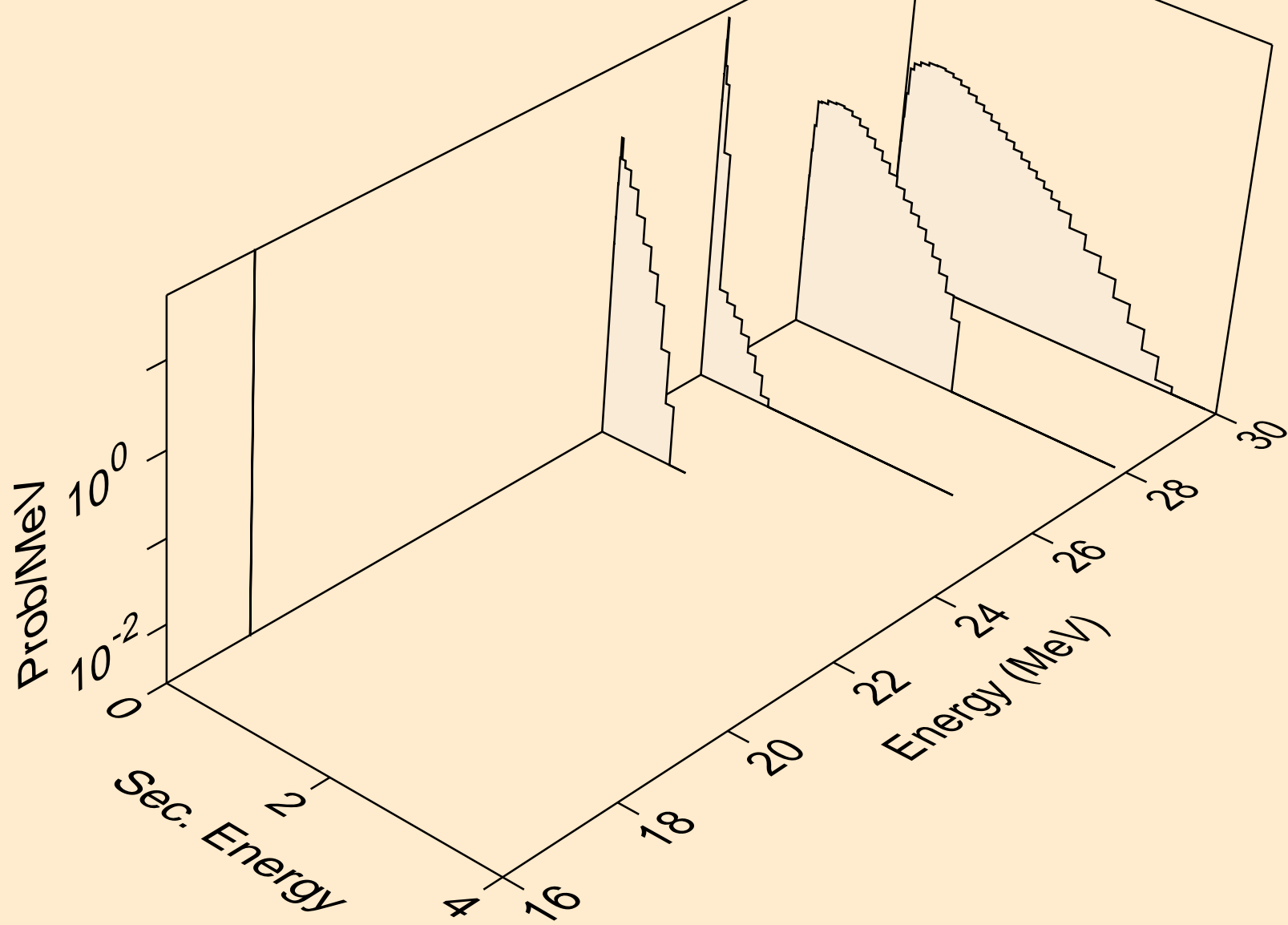
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



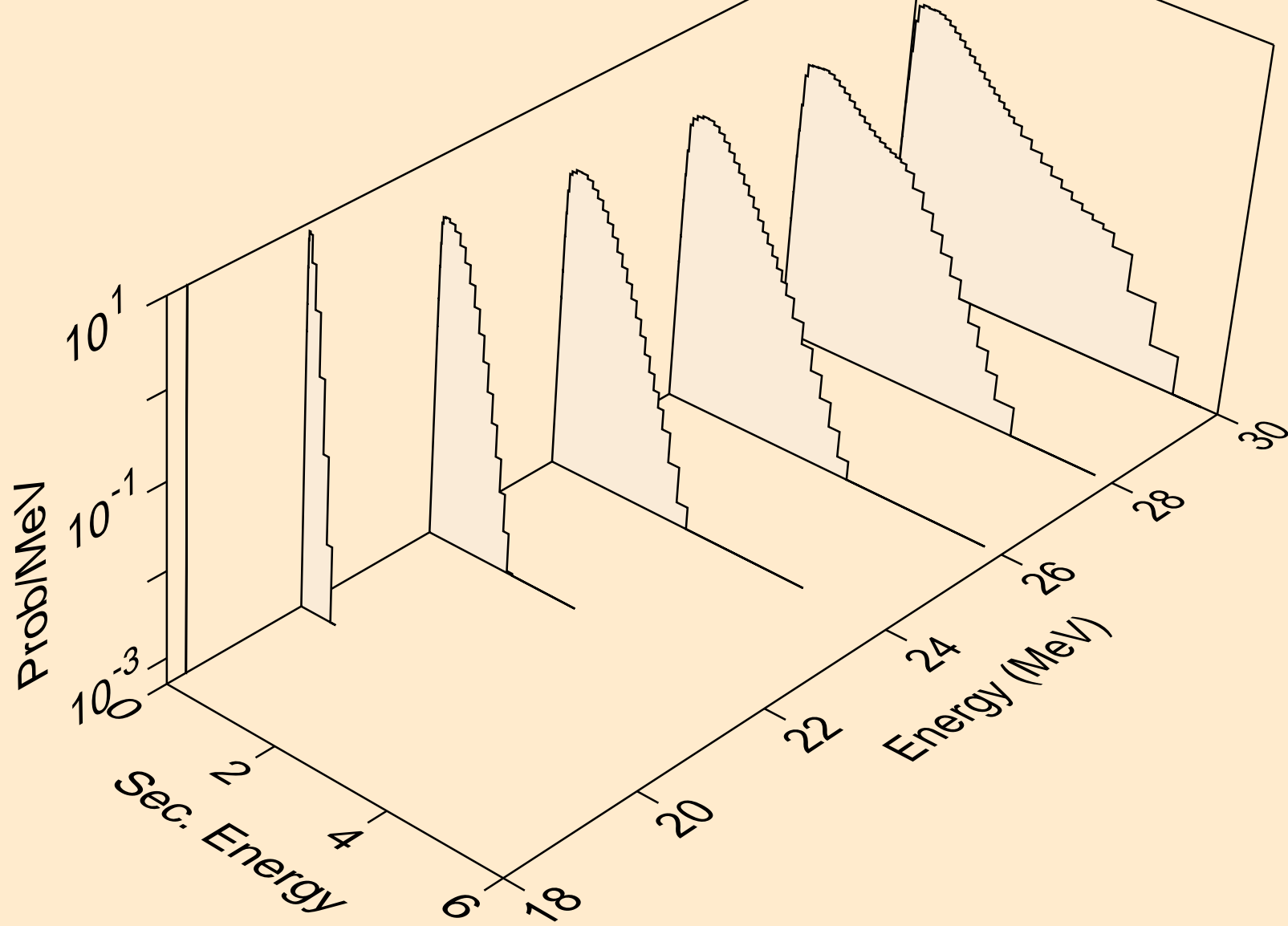
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



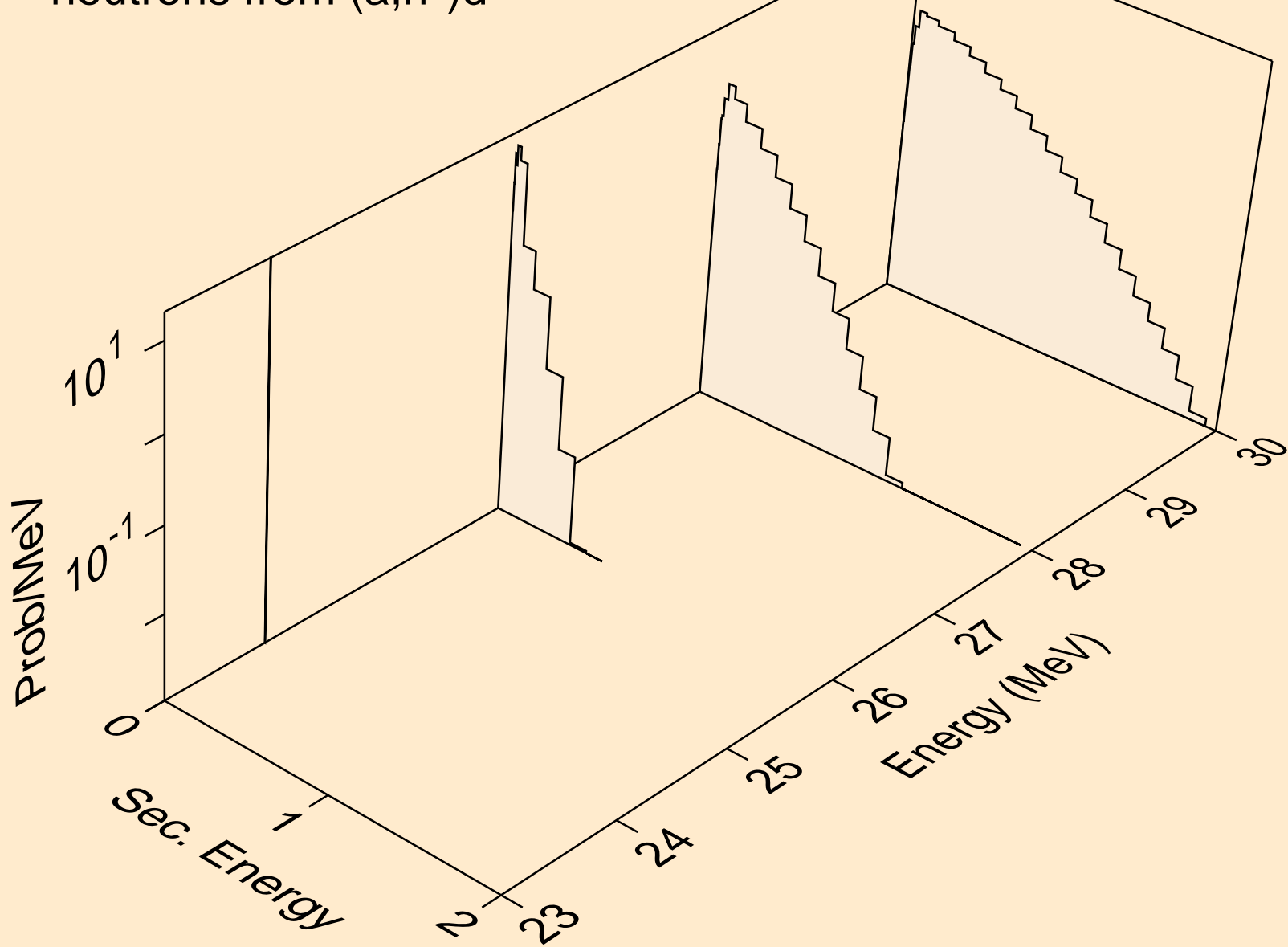
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neutrons from (a,2n)a



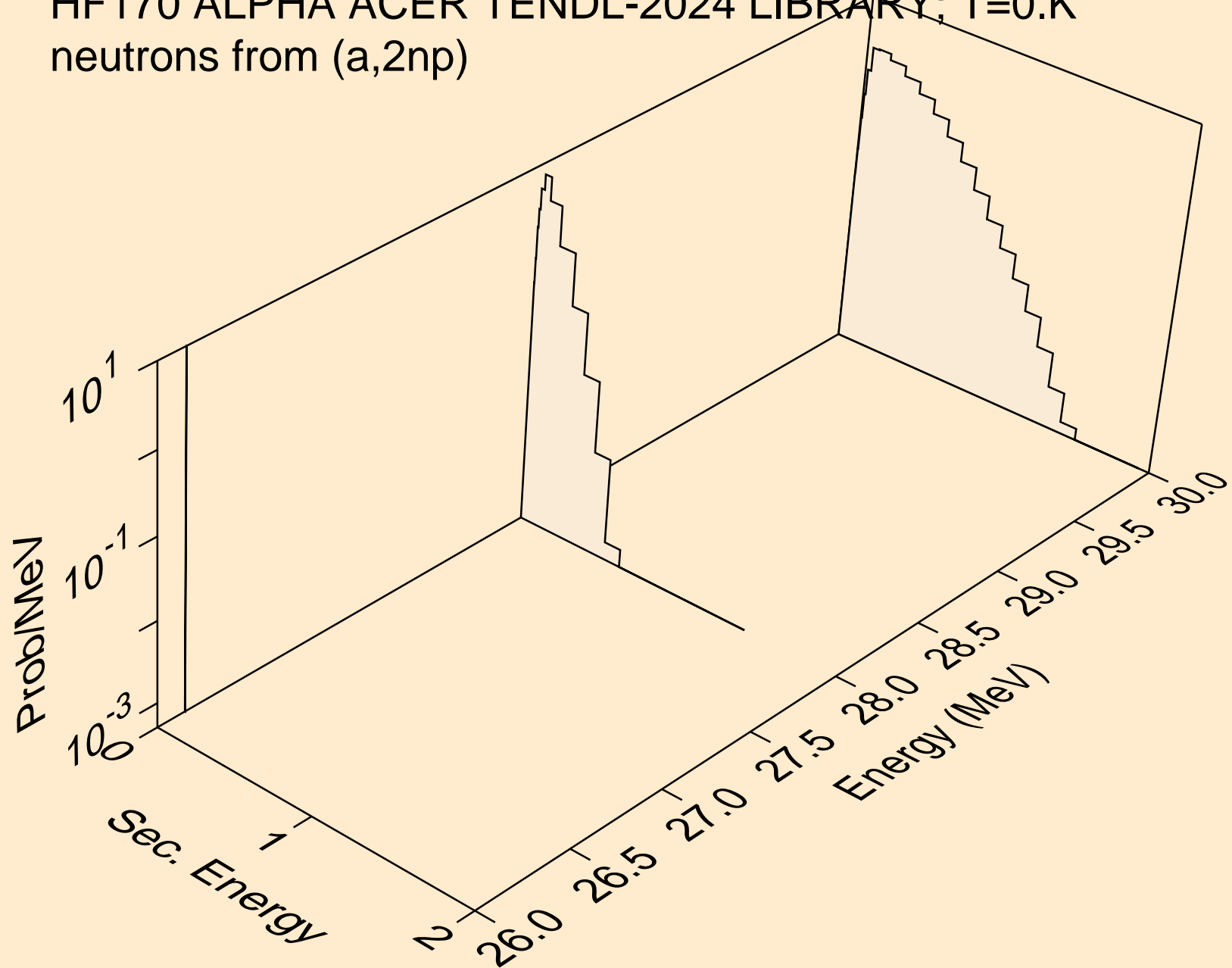
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



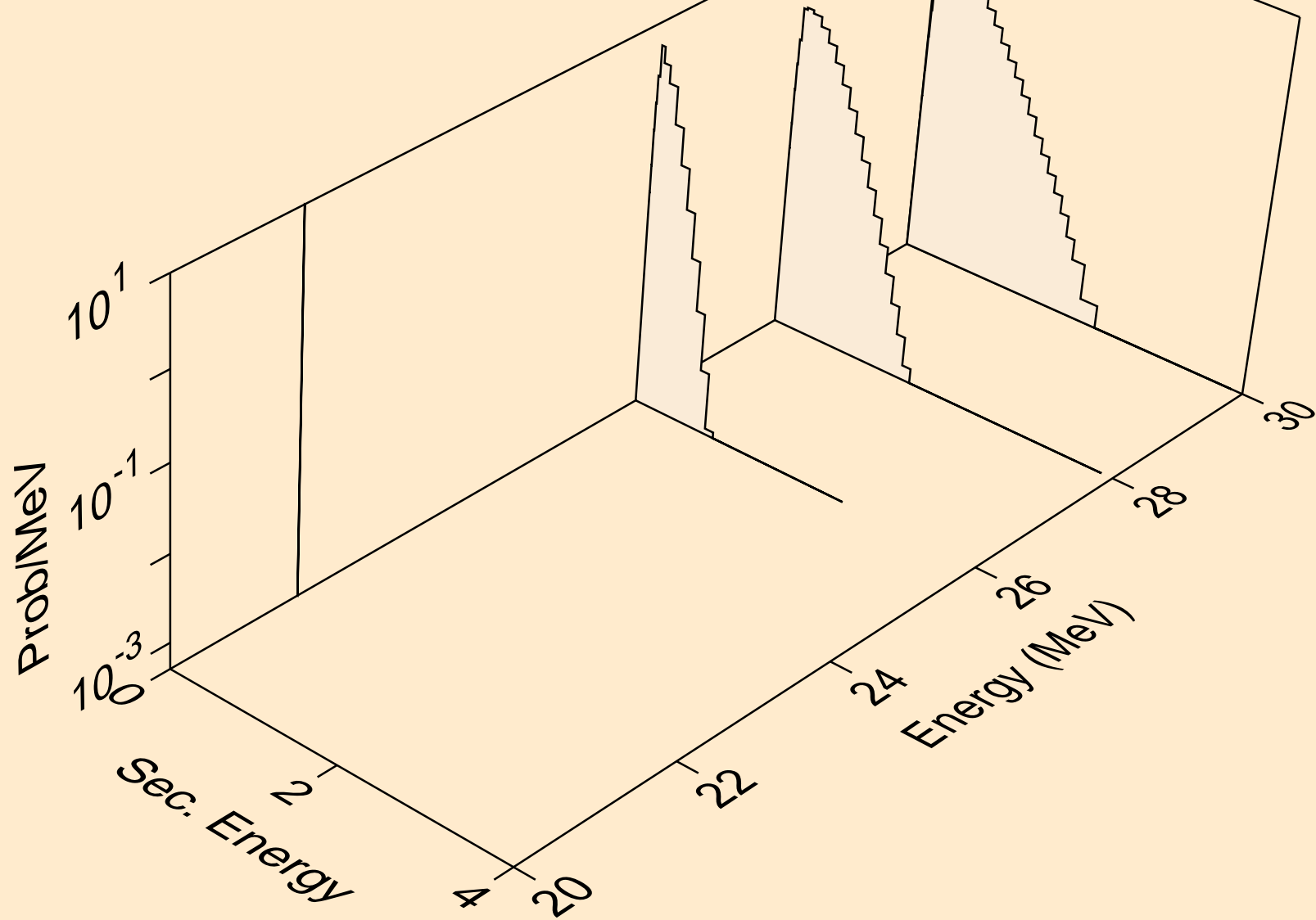
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



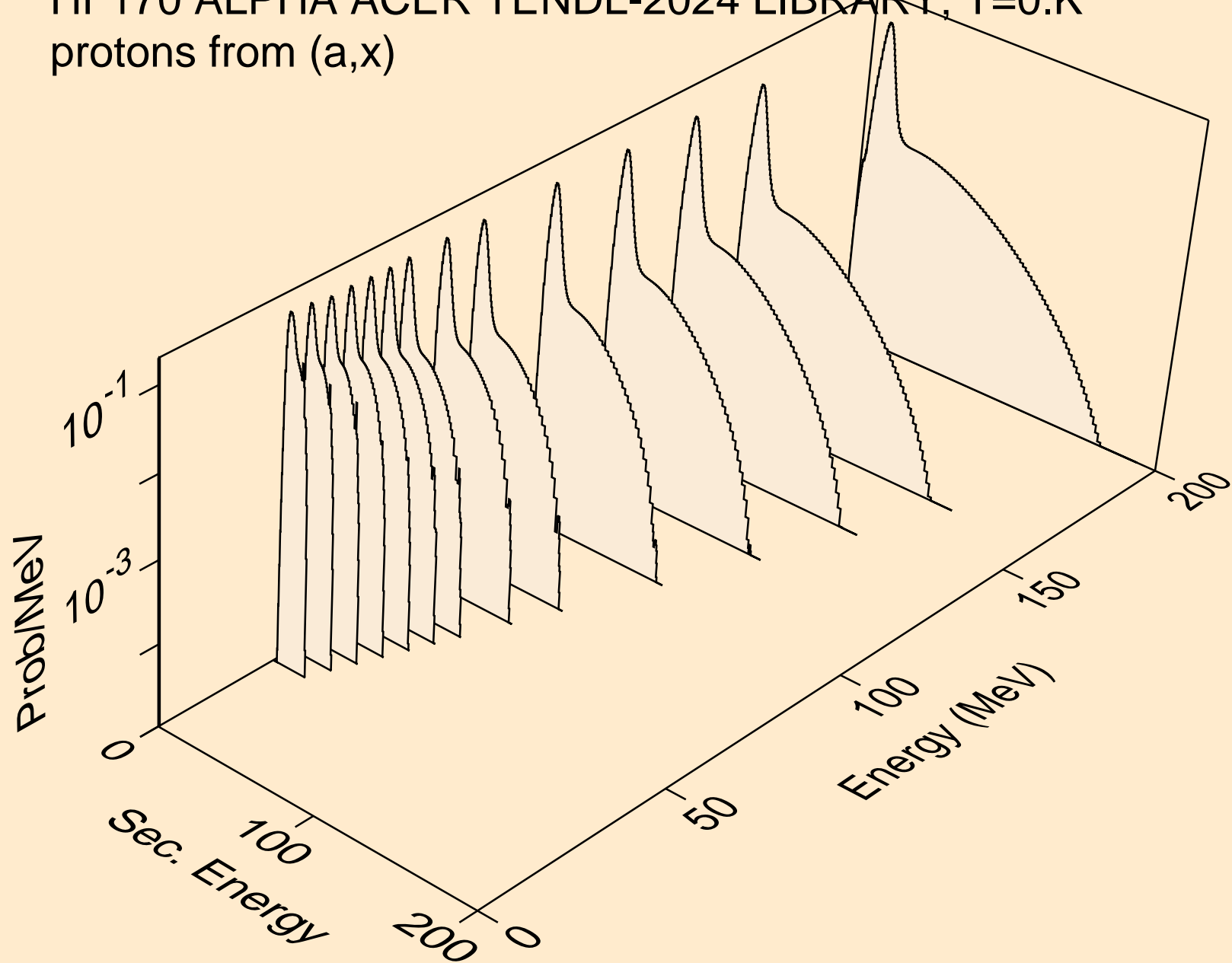
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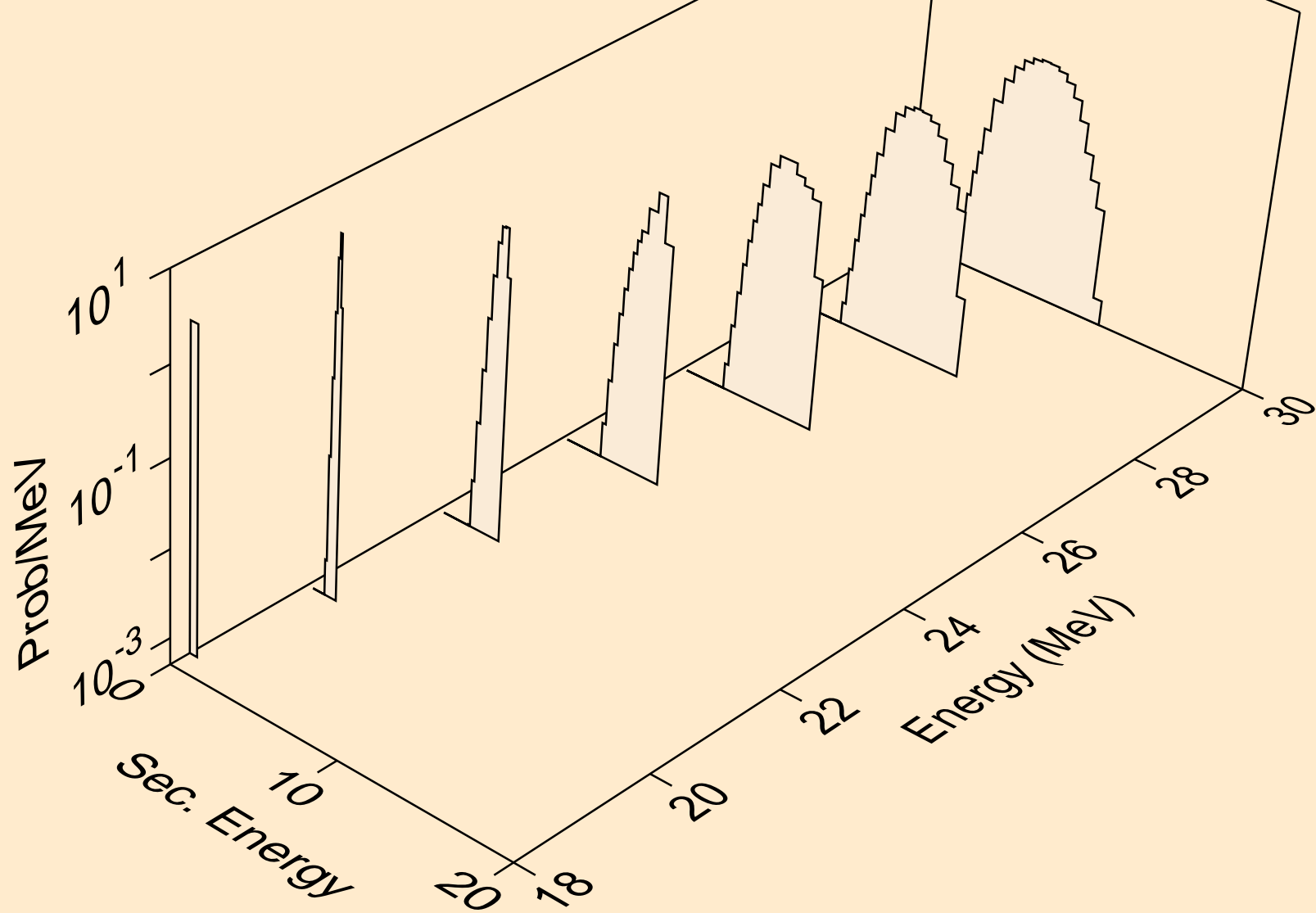
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neutrons from (a,n2p)



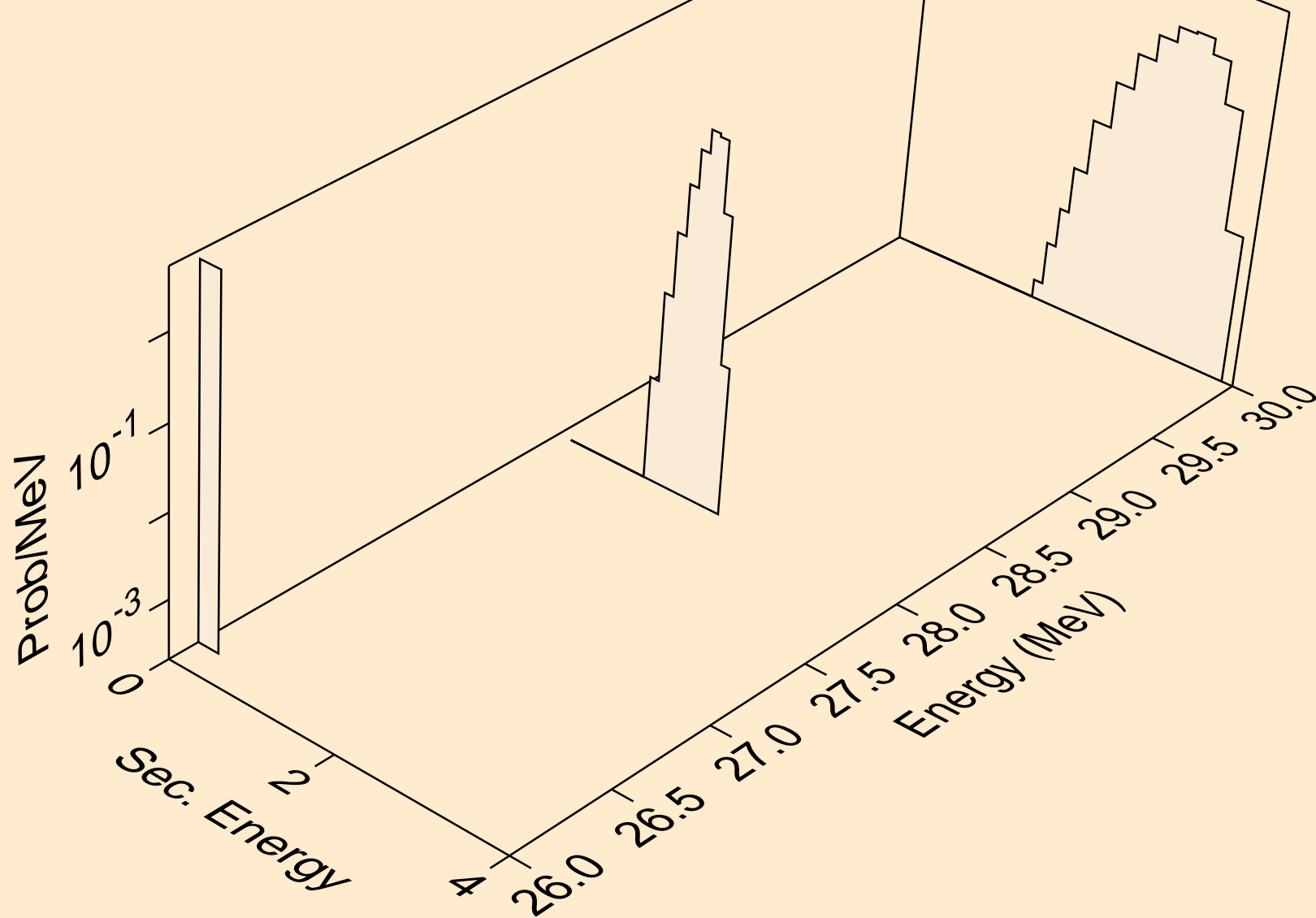
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



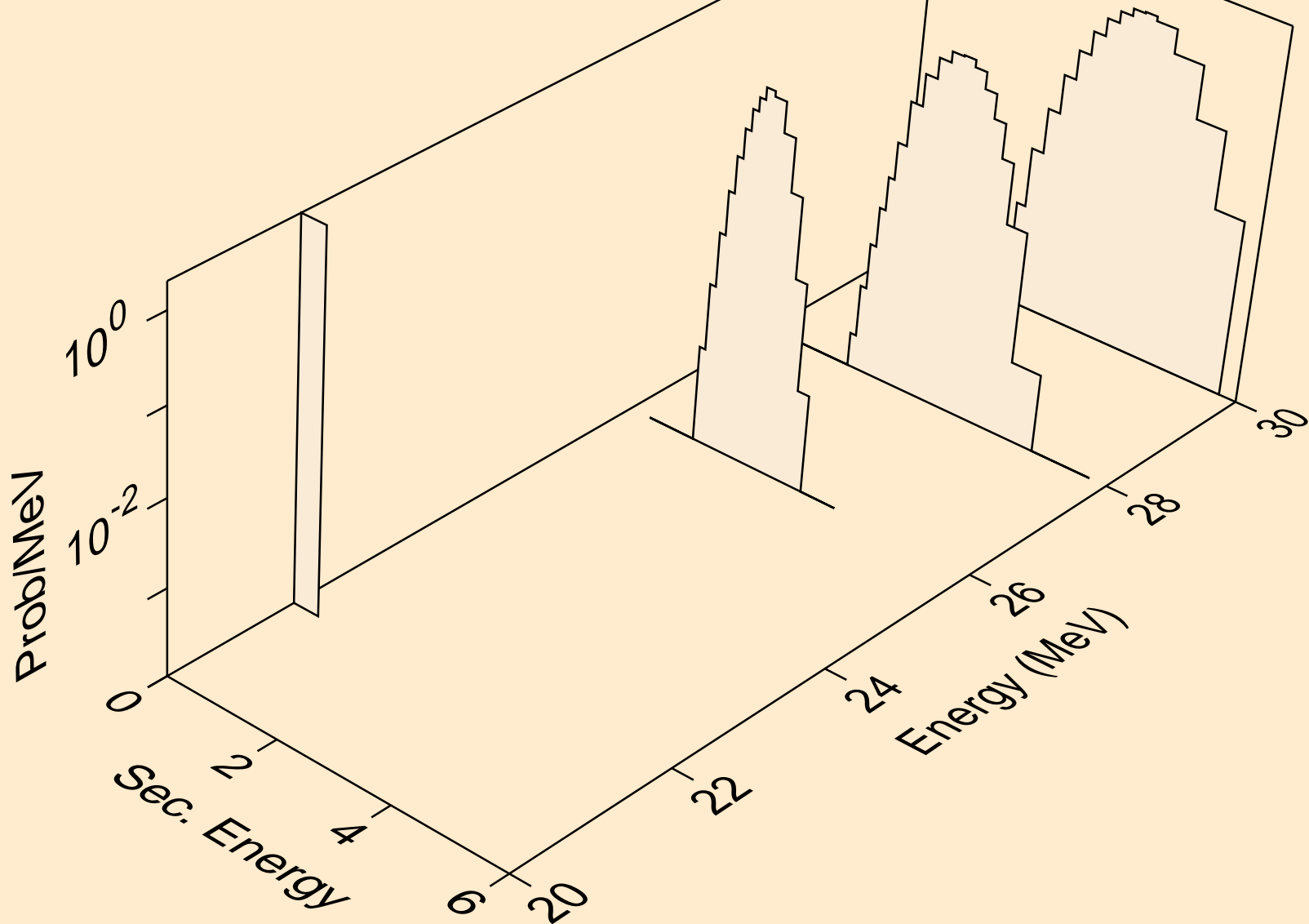
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protons from (a,n\*)p



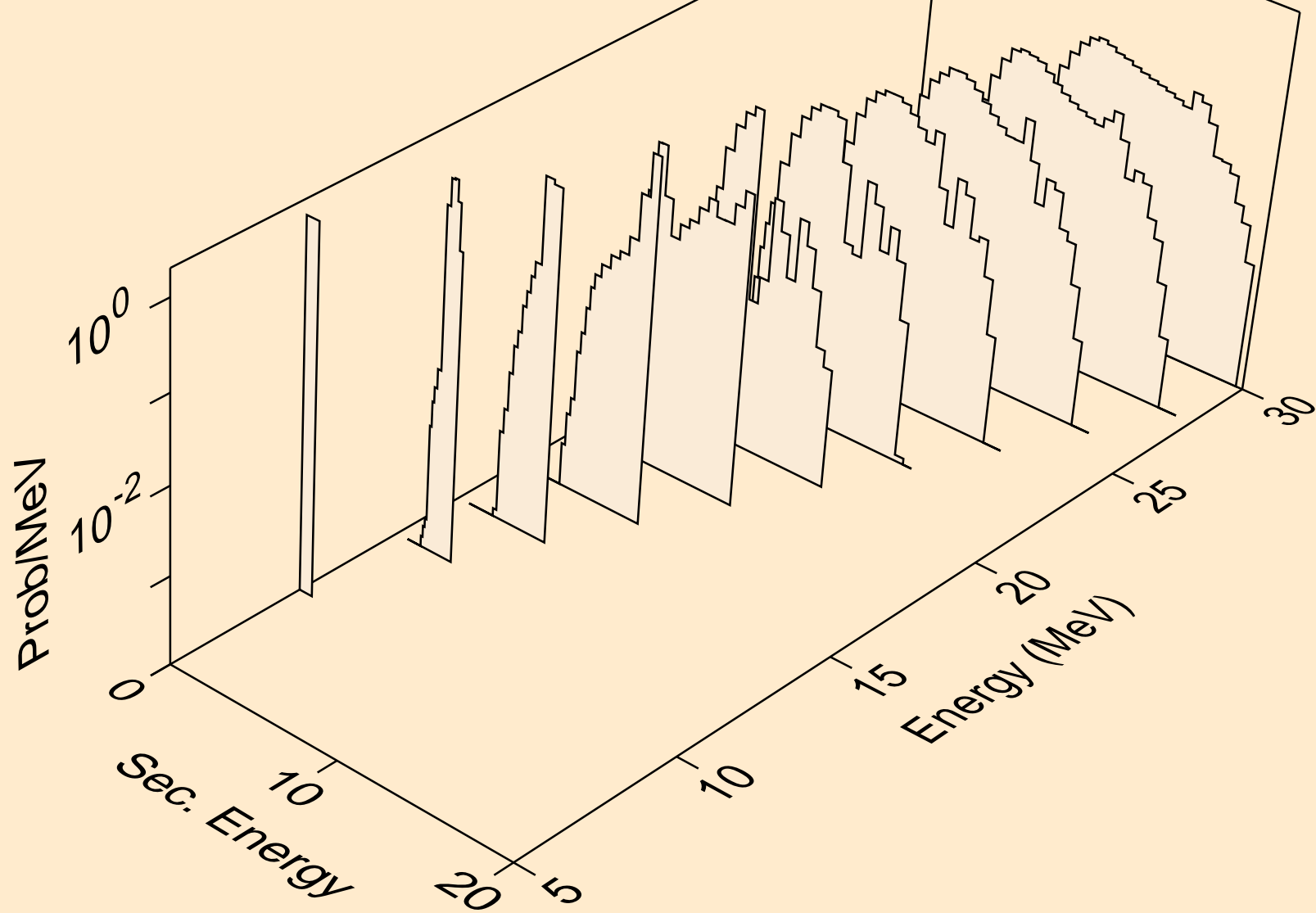
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protons from (a,2np)



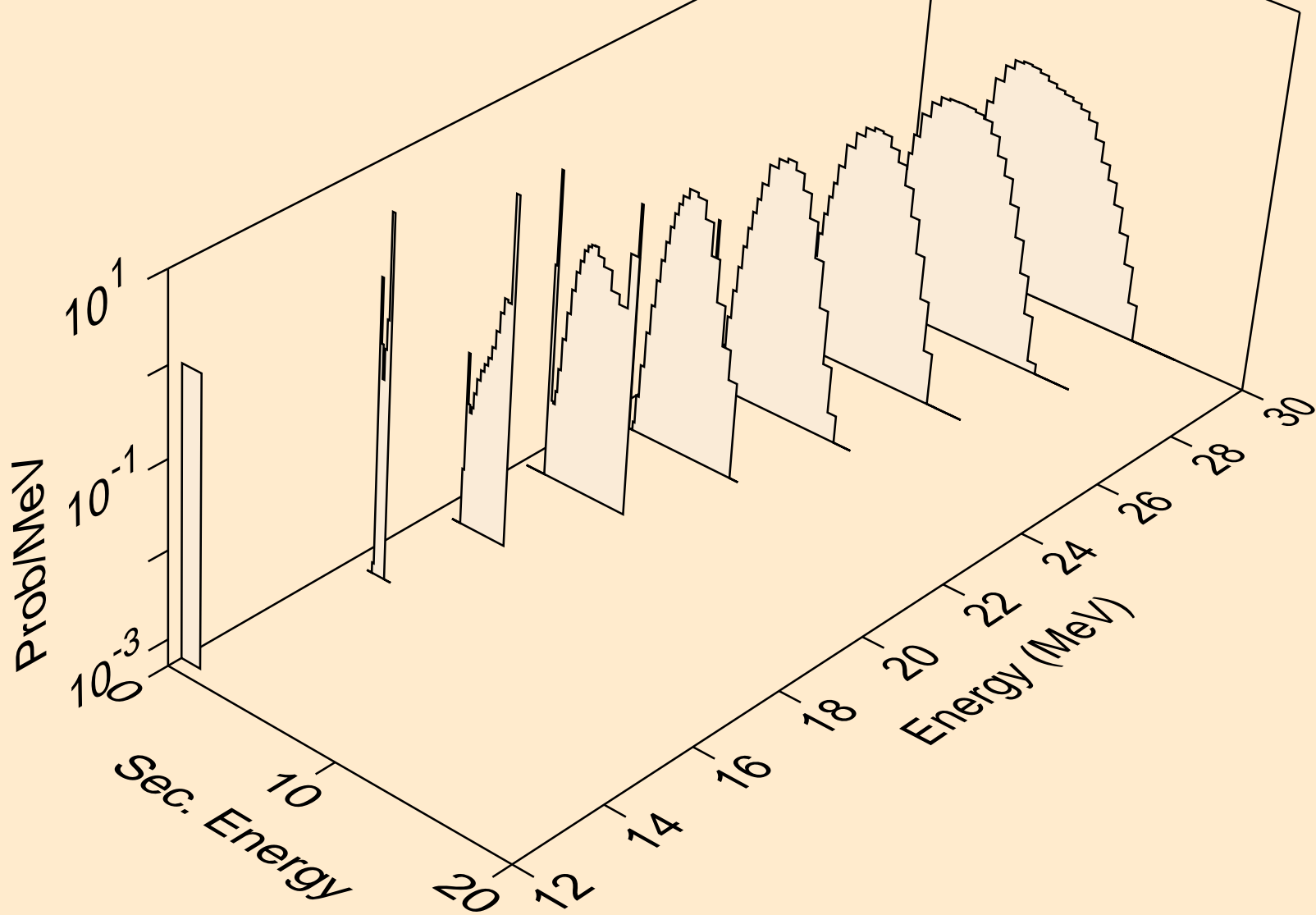
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protons from (a,n2p)



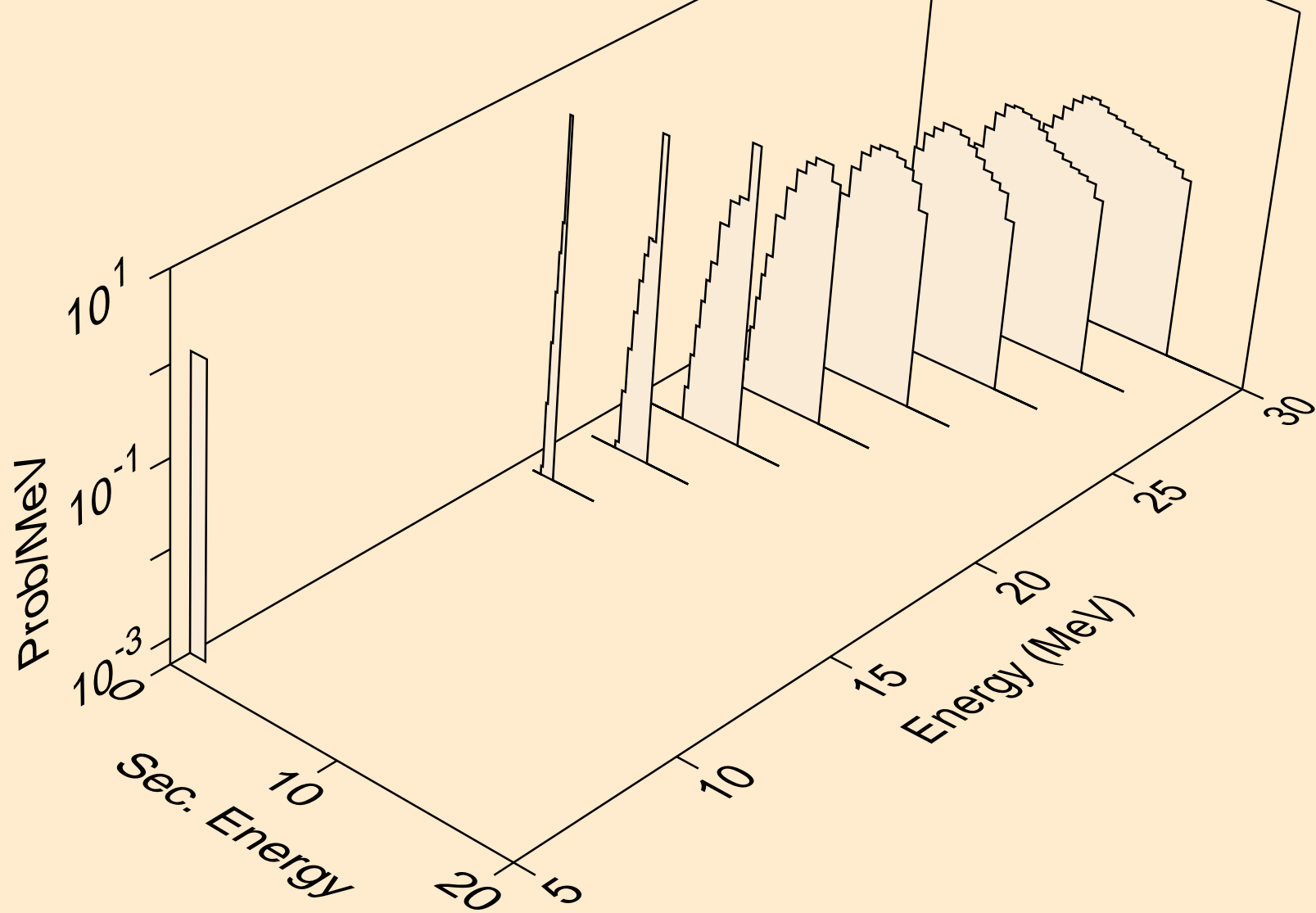
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protons from (a,p)



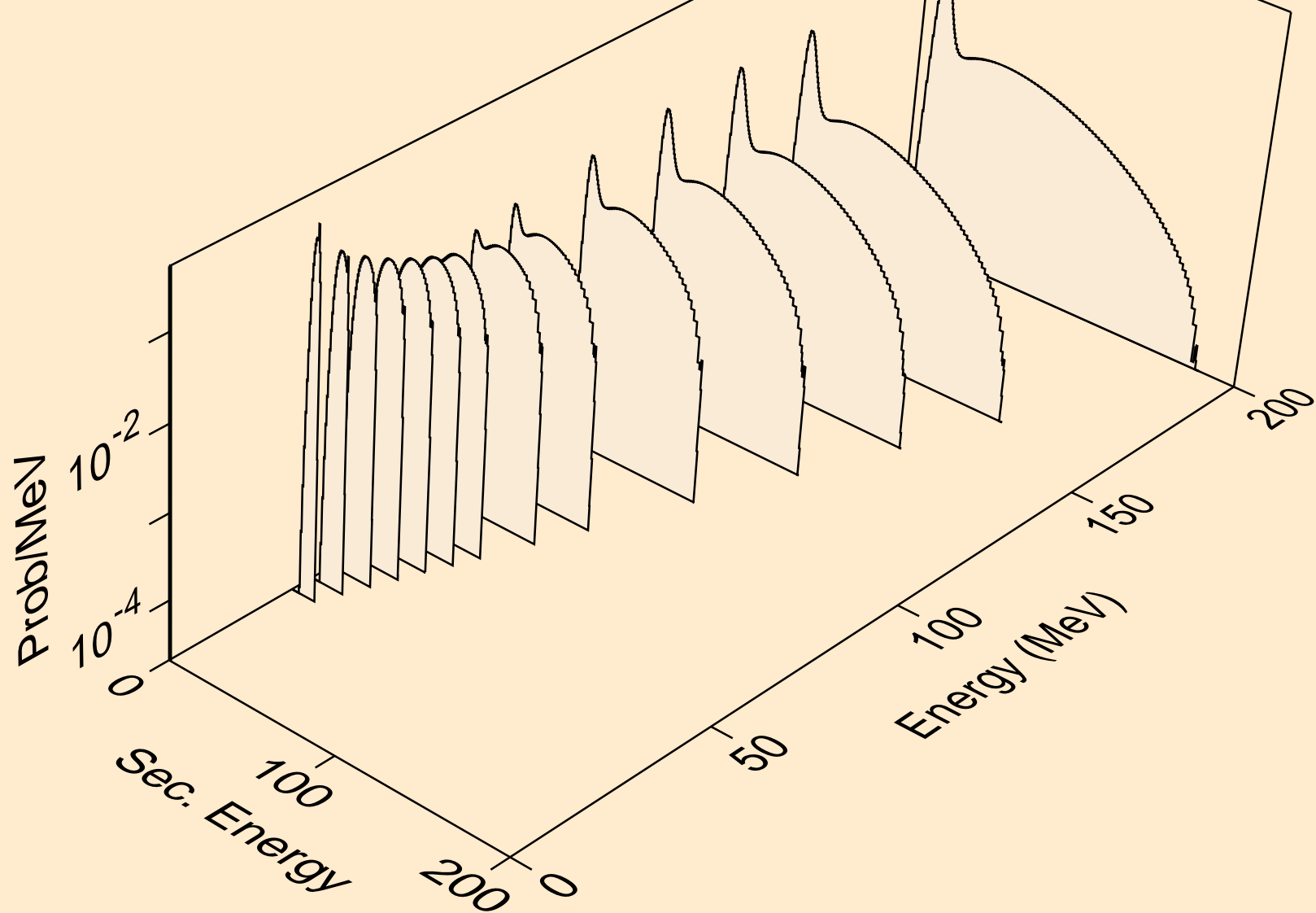
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protons from (a,2p)



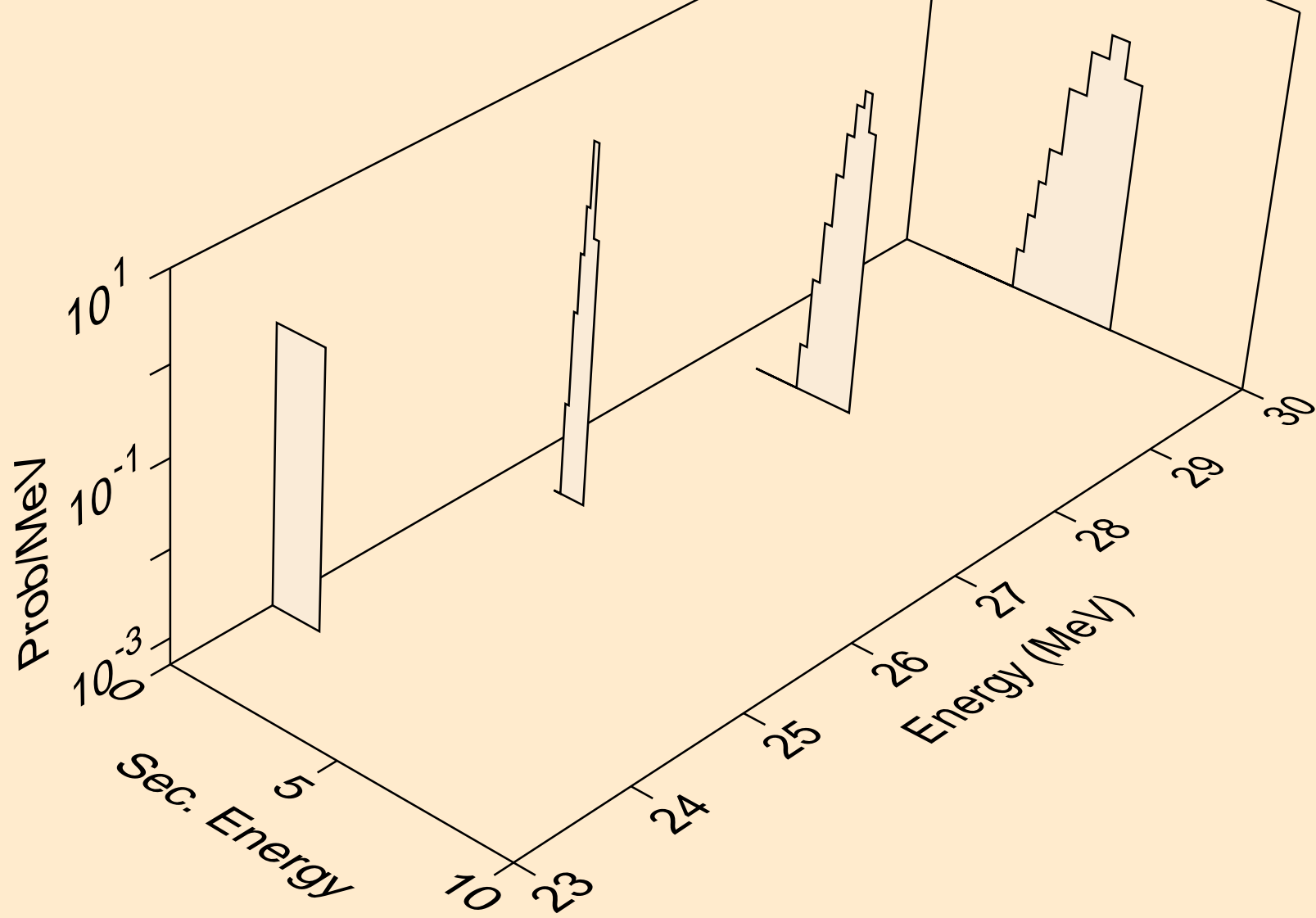
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



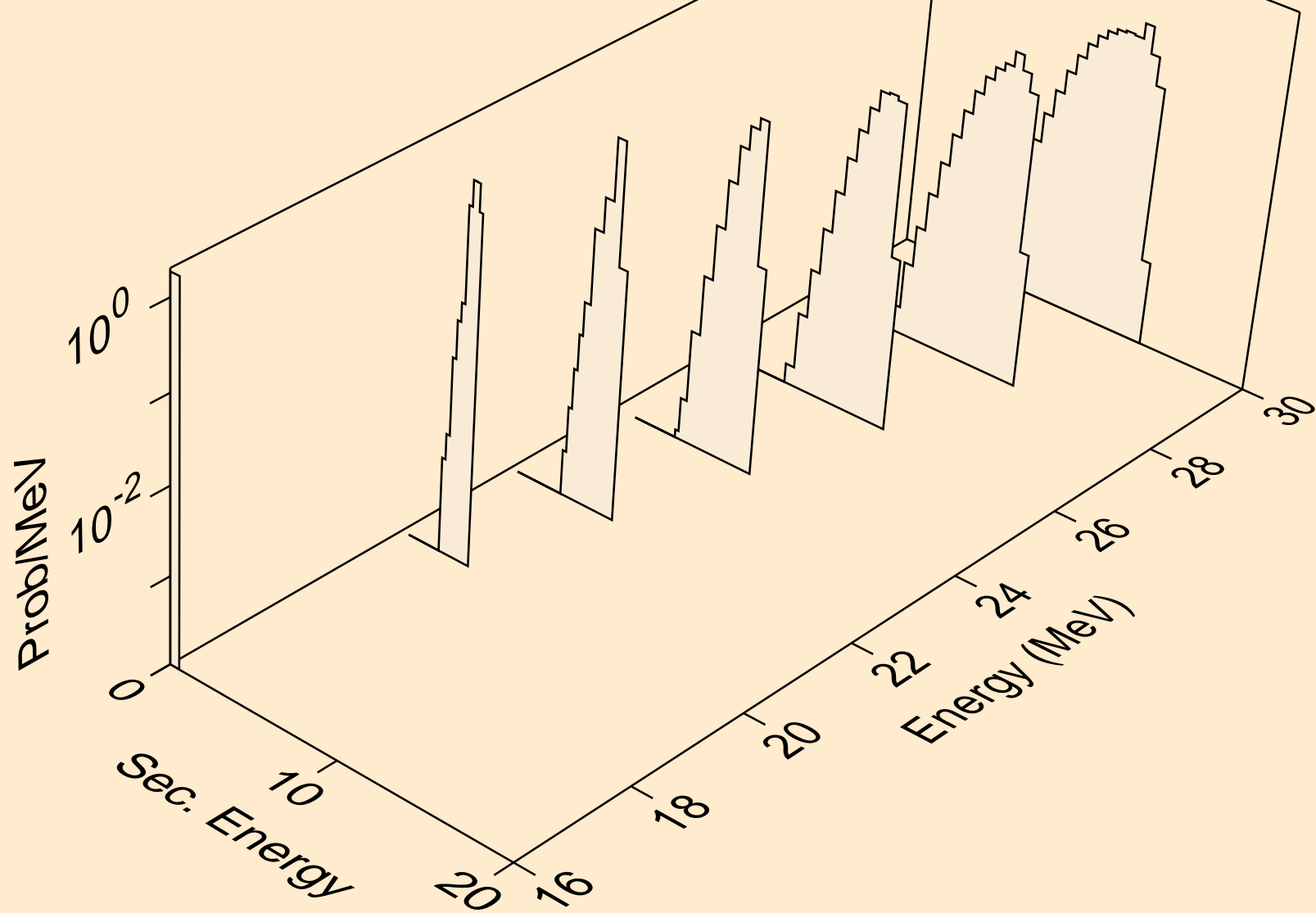
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



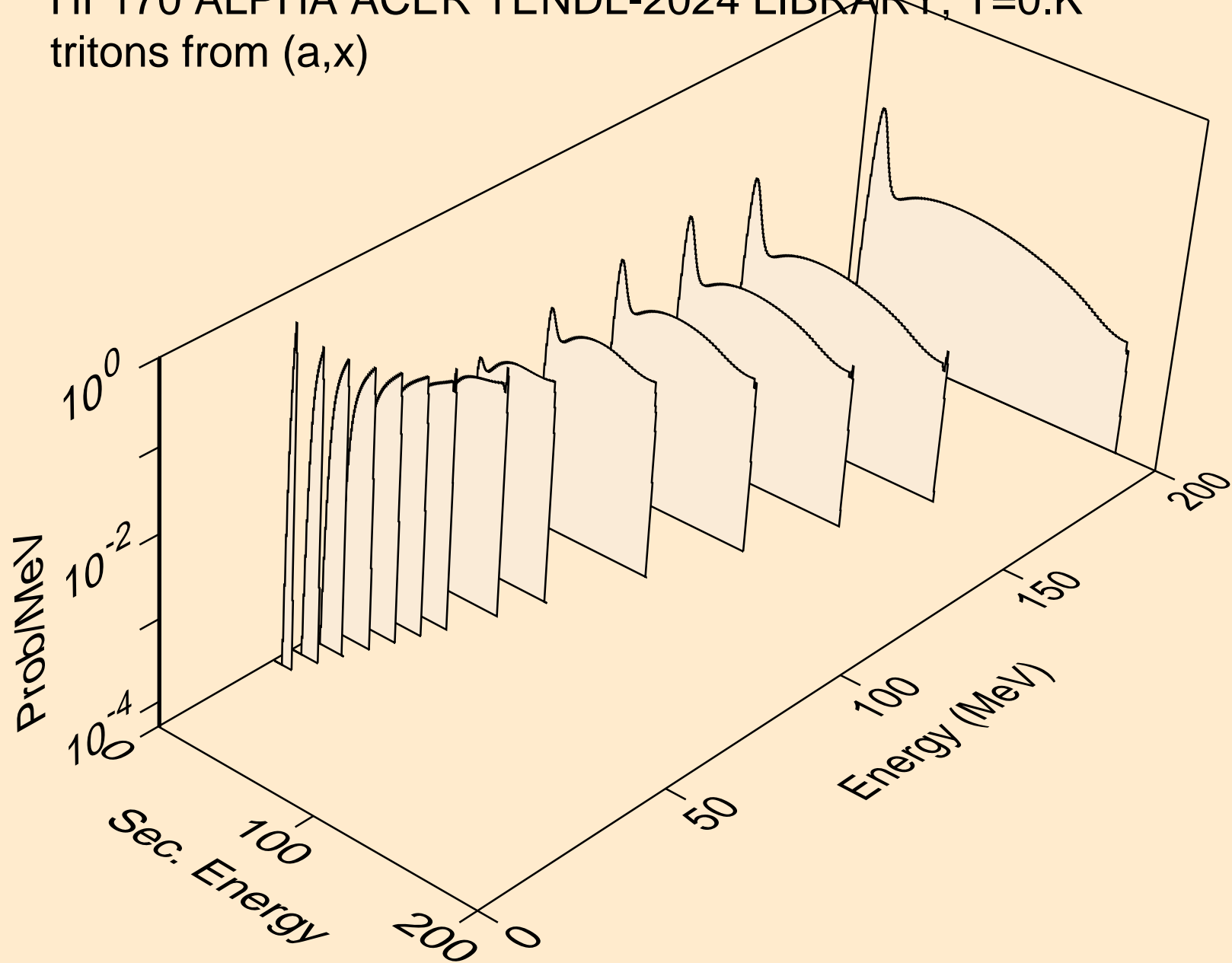
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



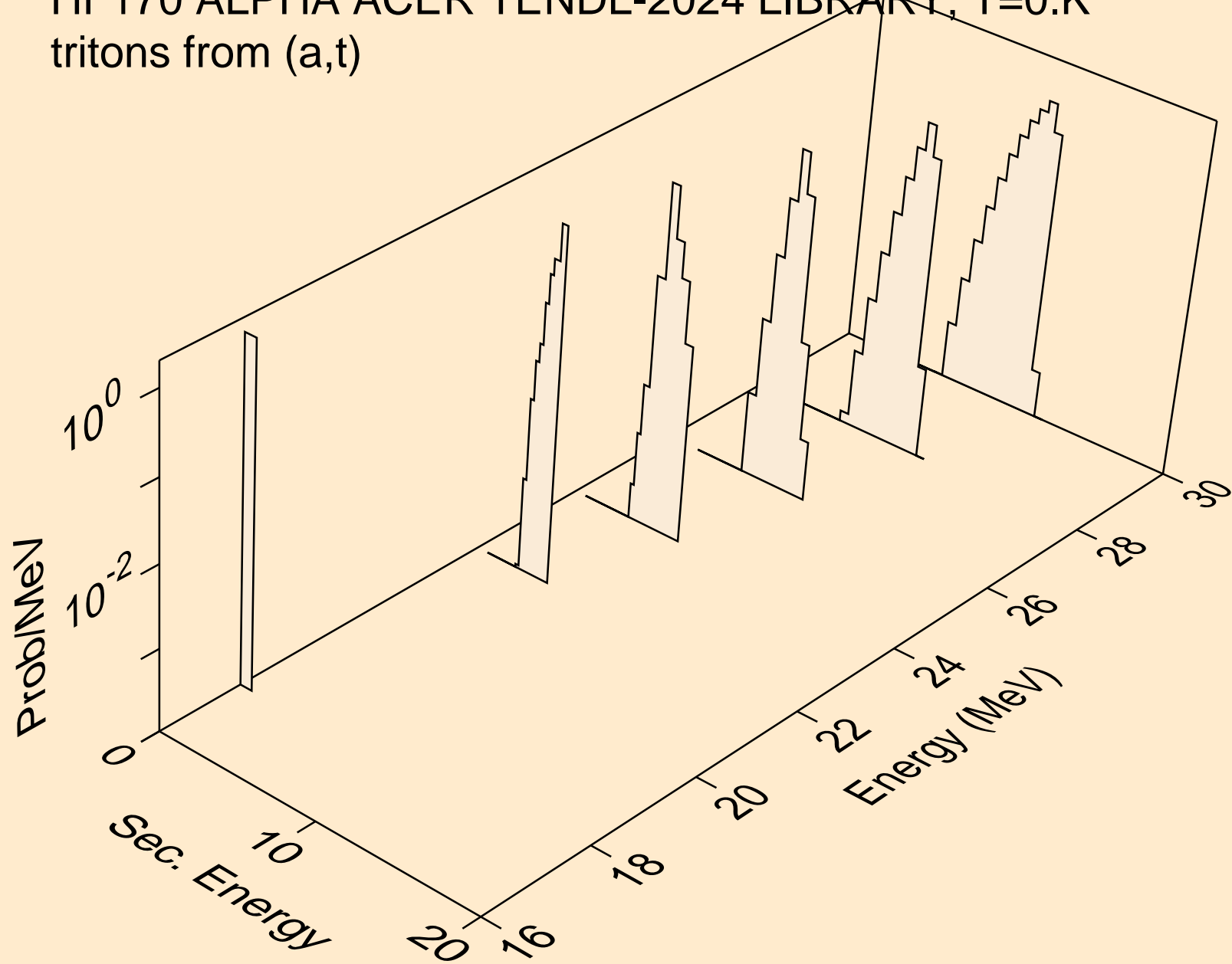
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



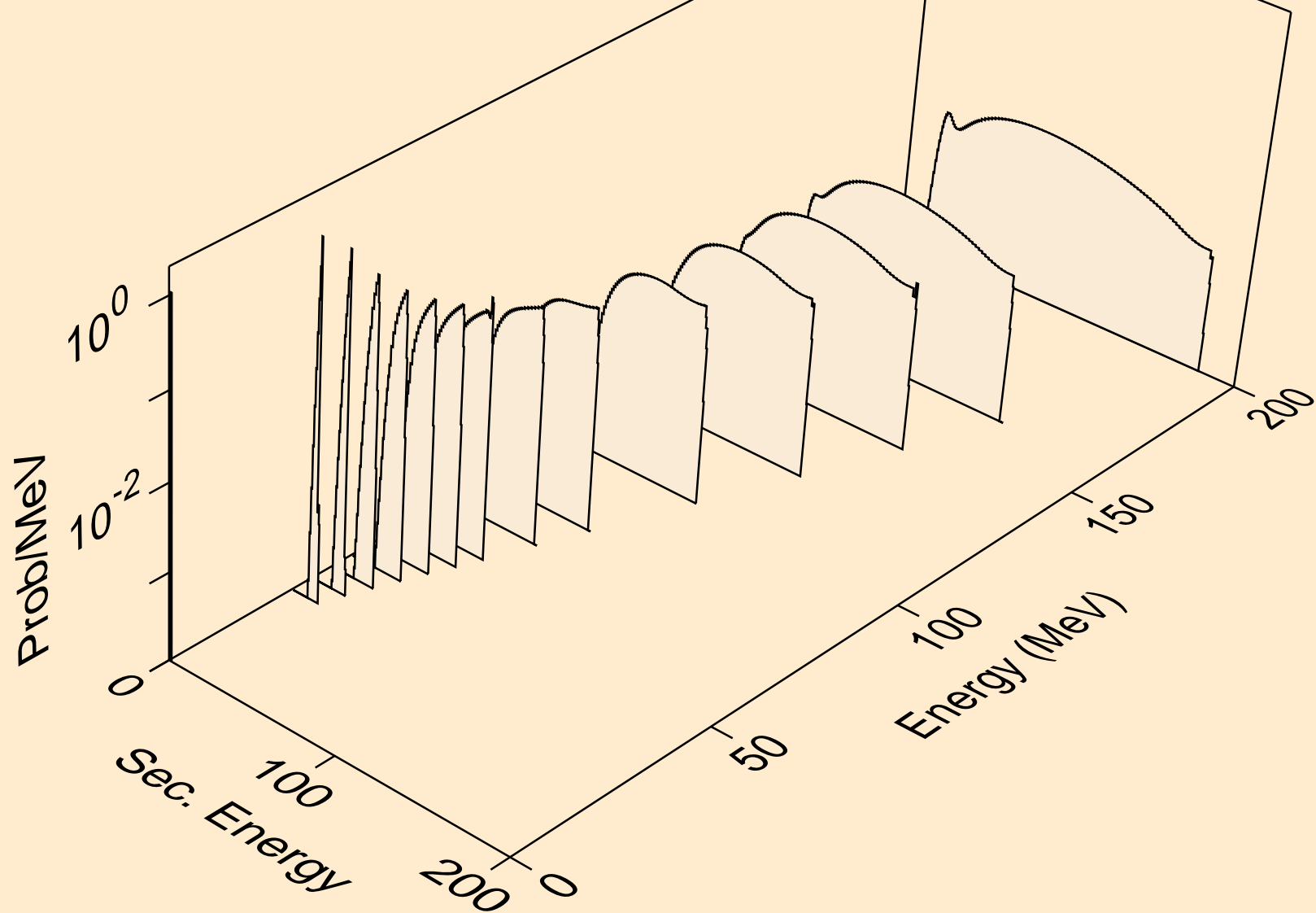
HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



HF170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

