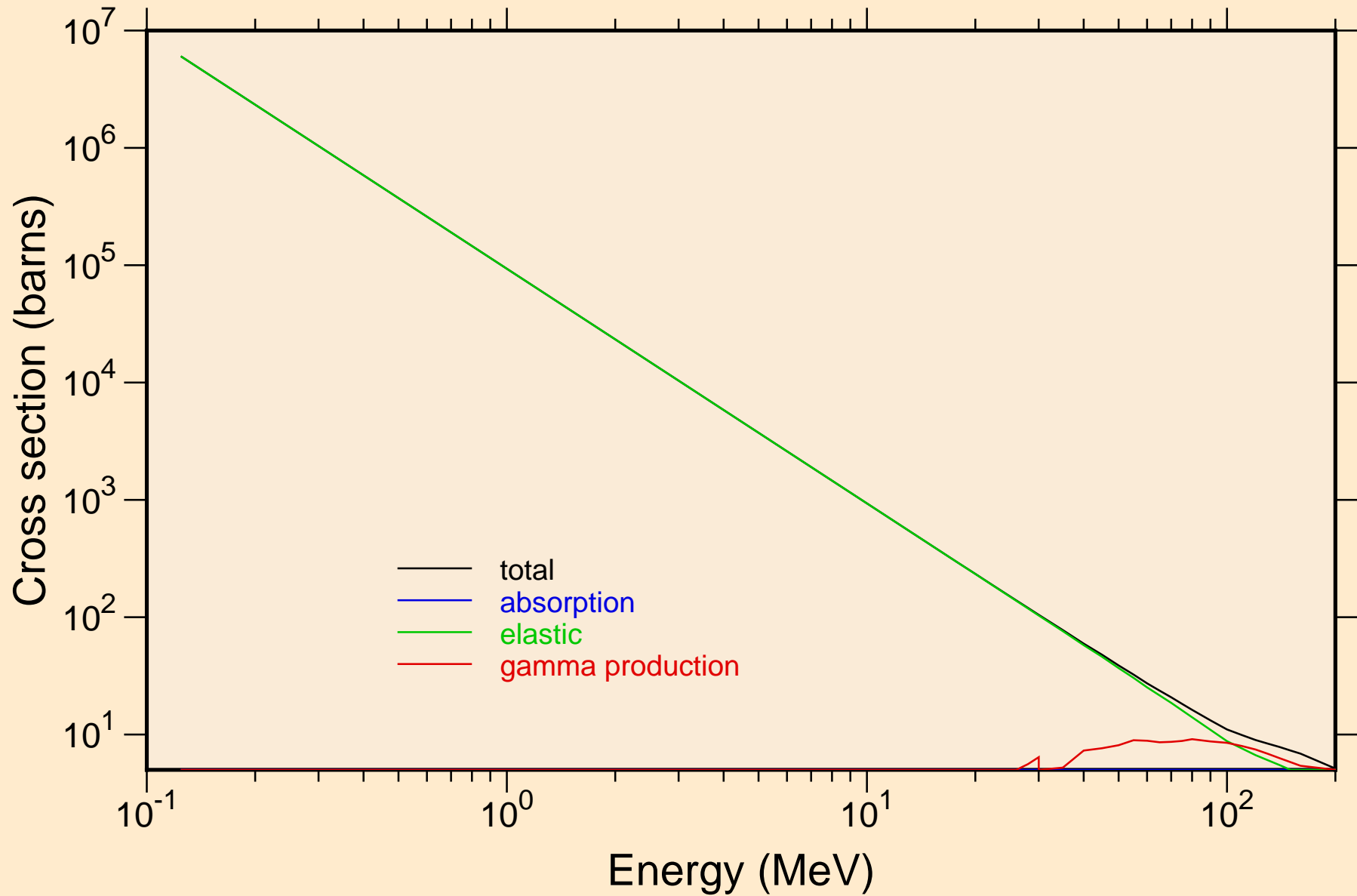
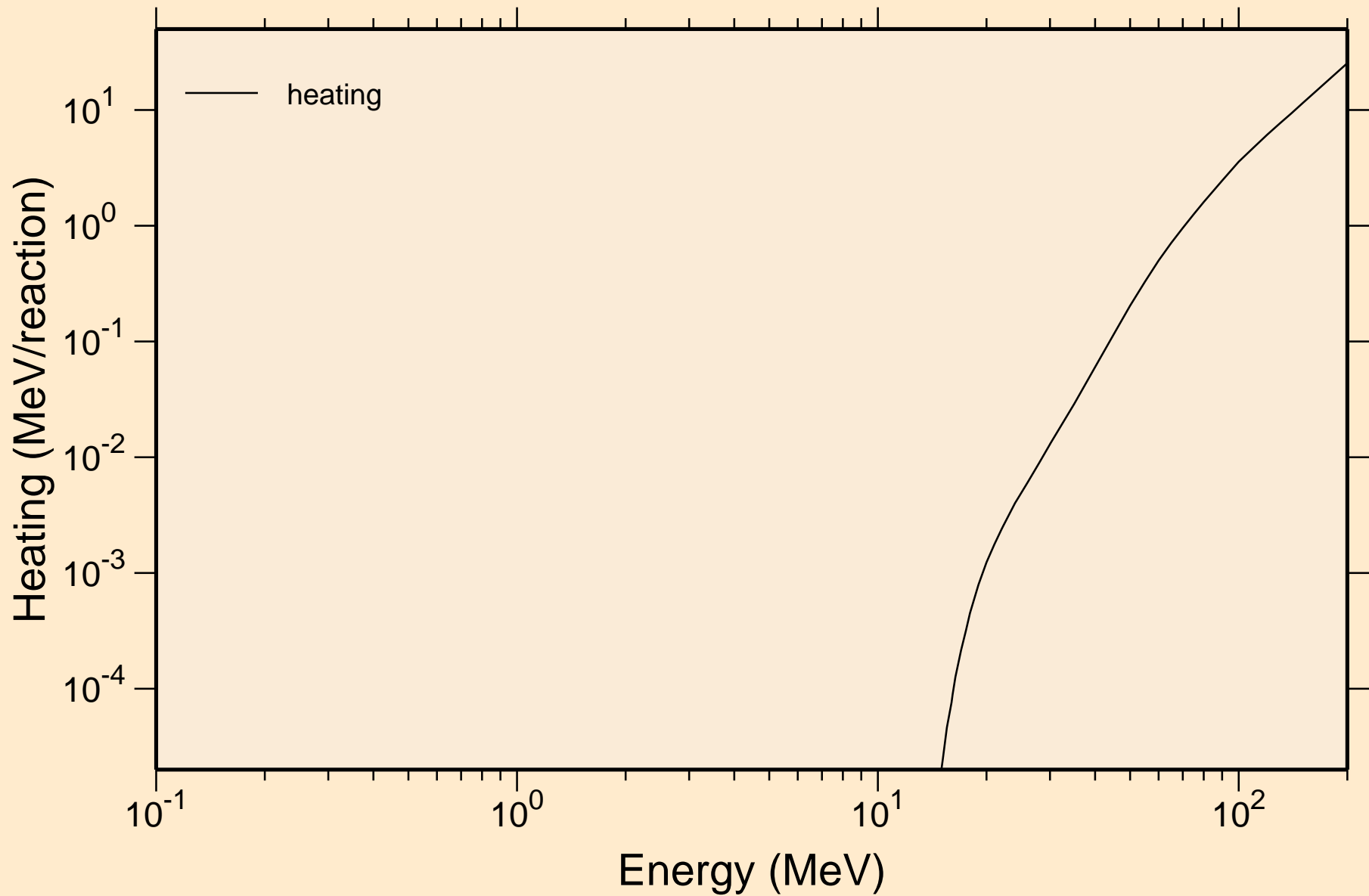


# ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

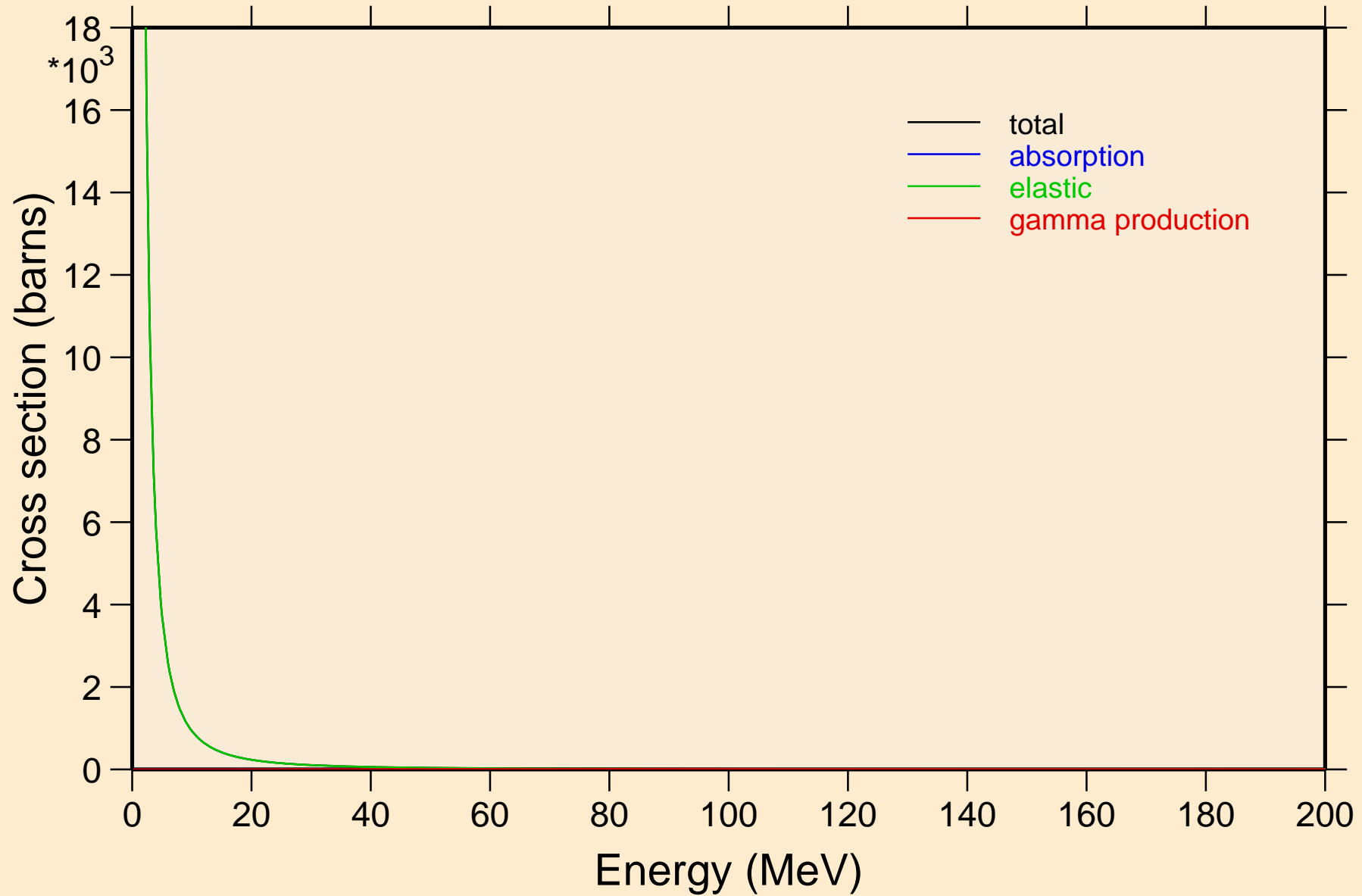


ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Heating



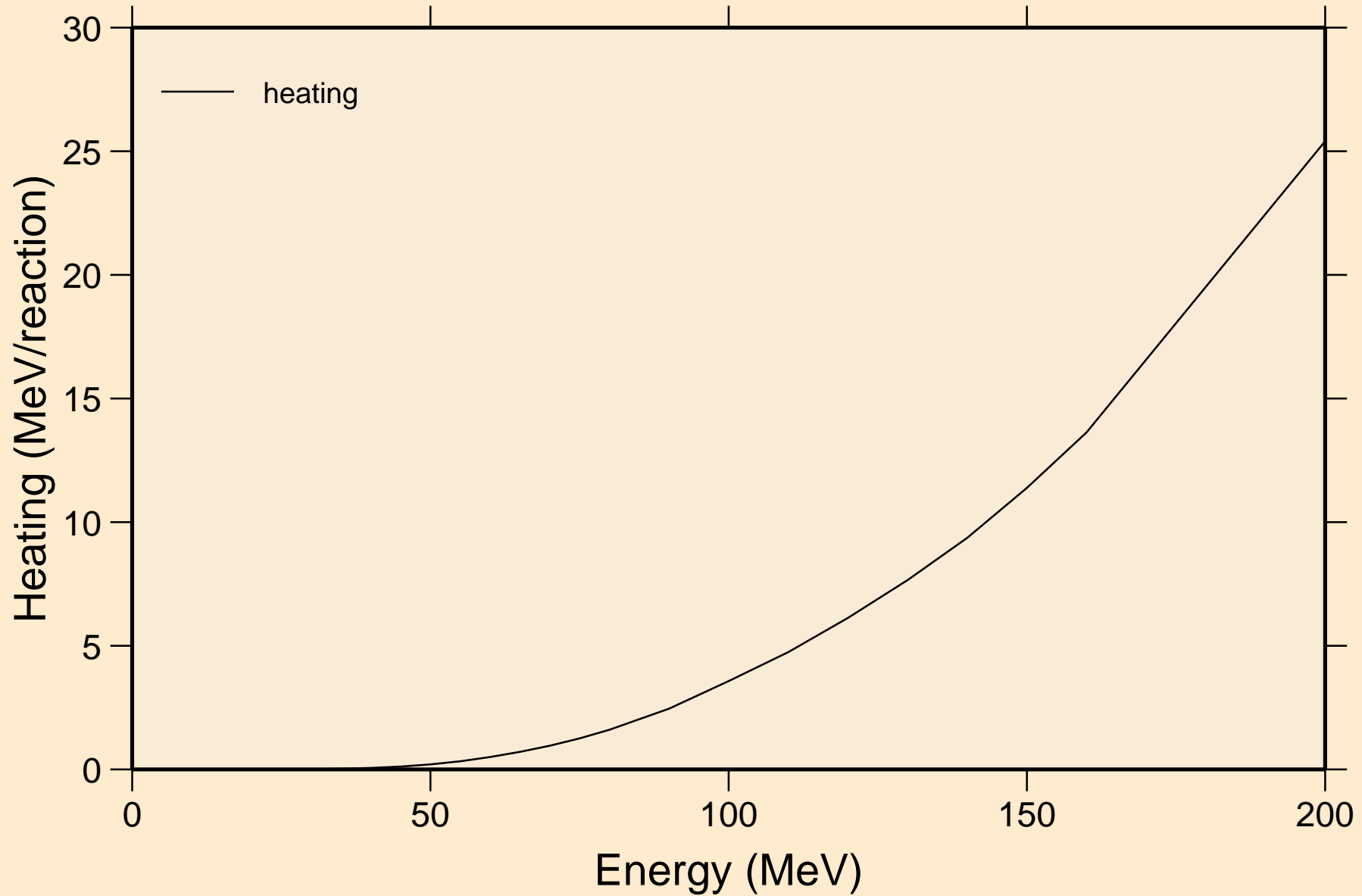
# ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



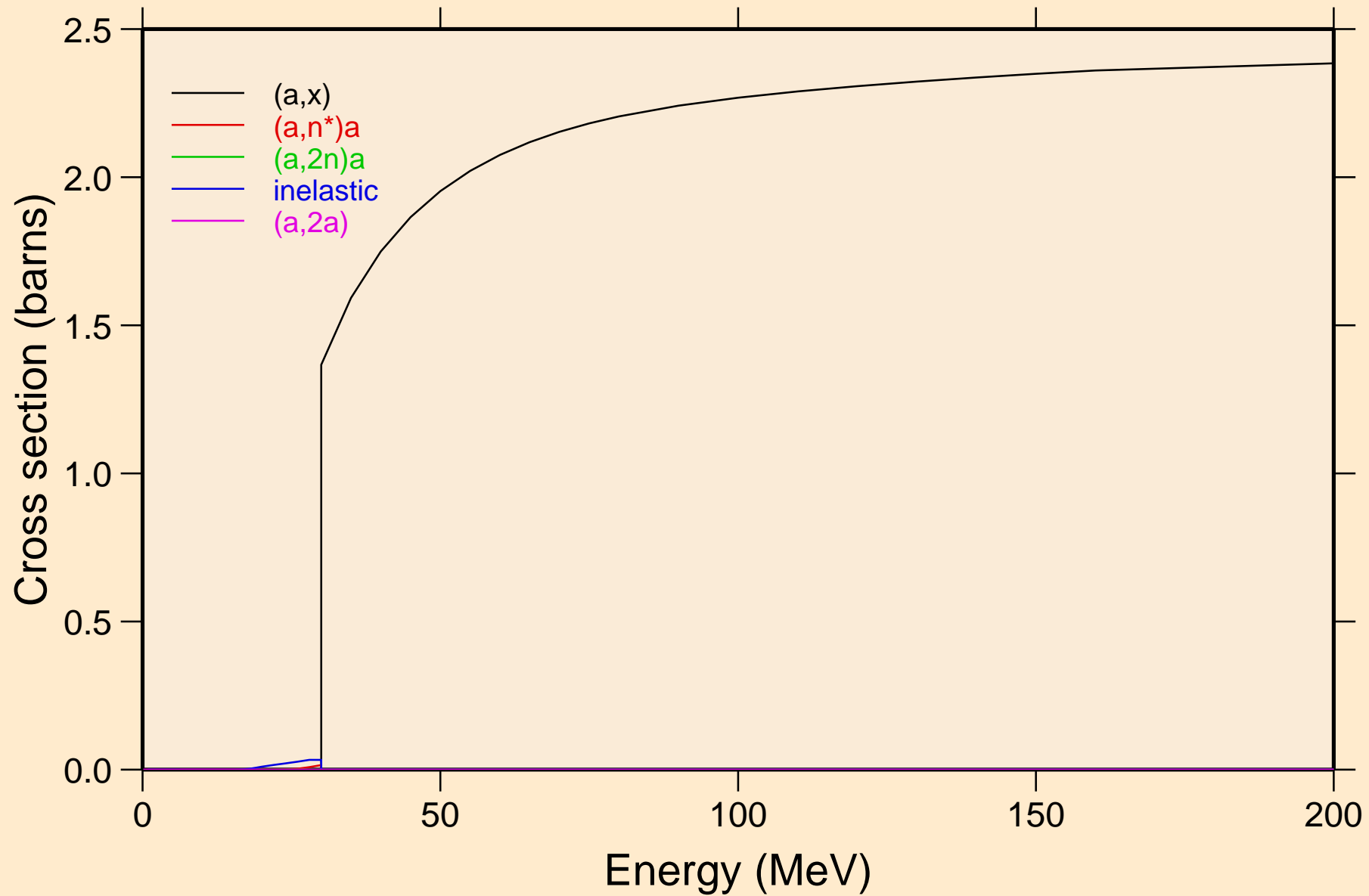
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



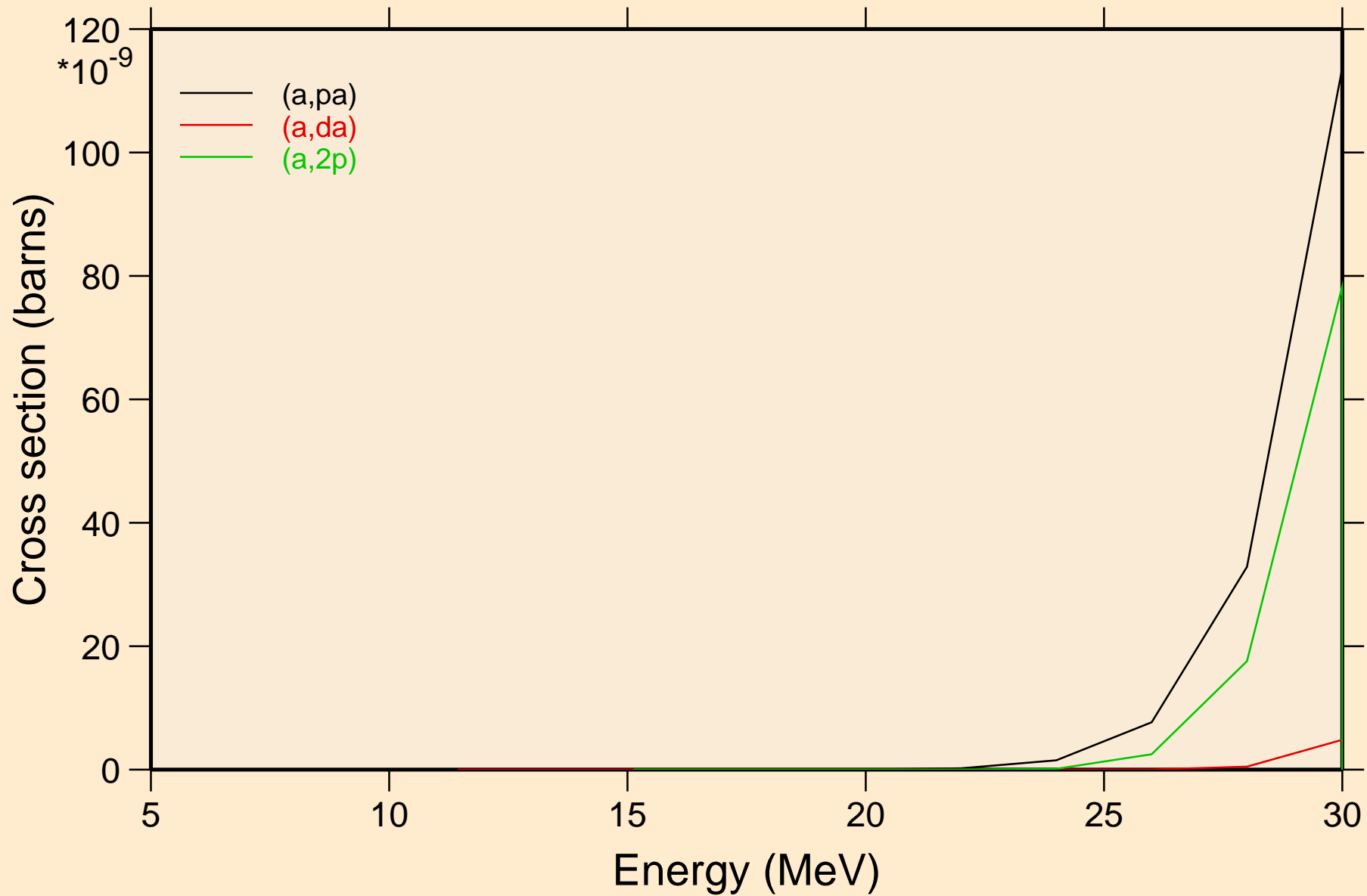
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## Threshold reactions



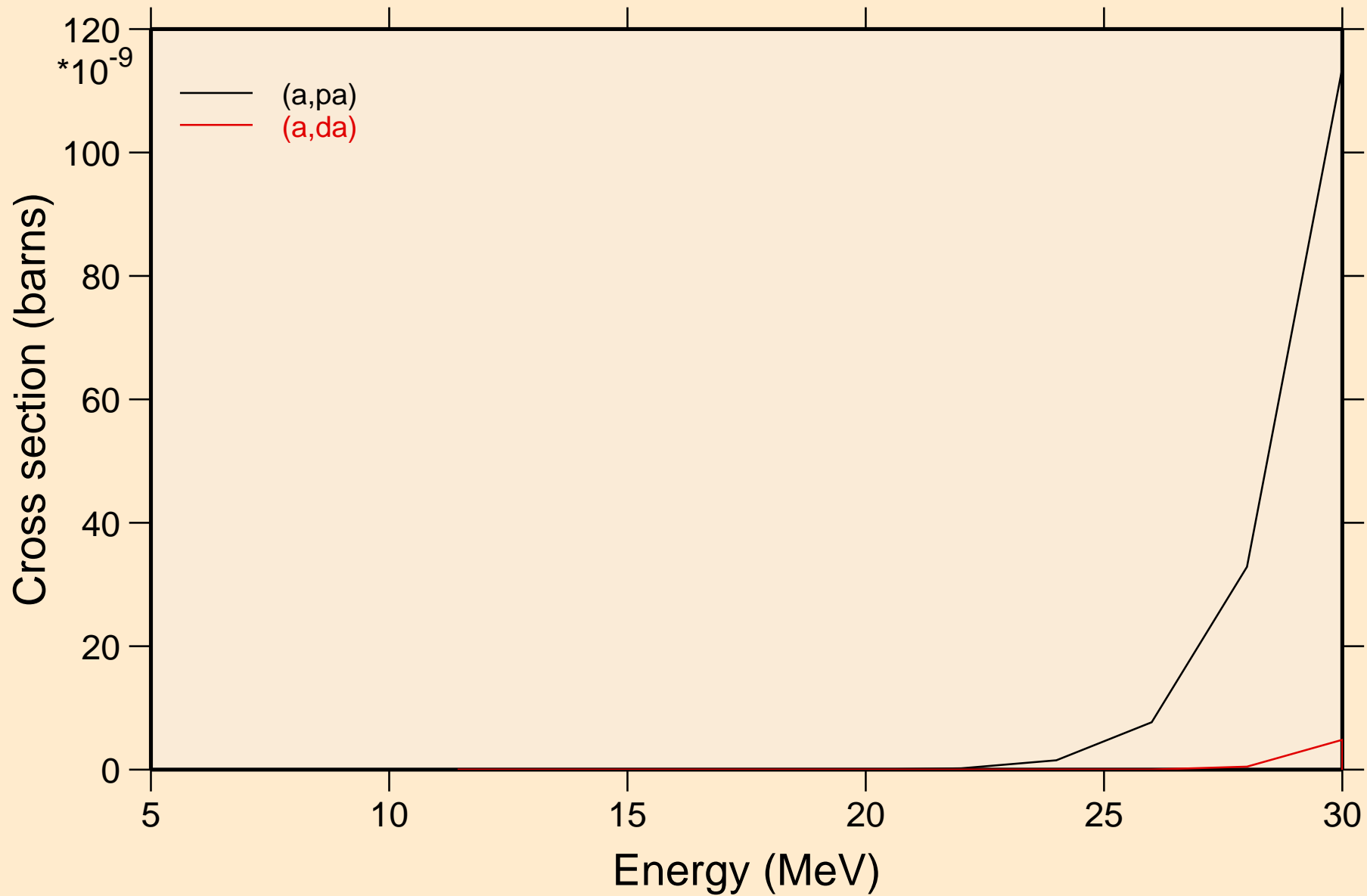
# ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

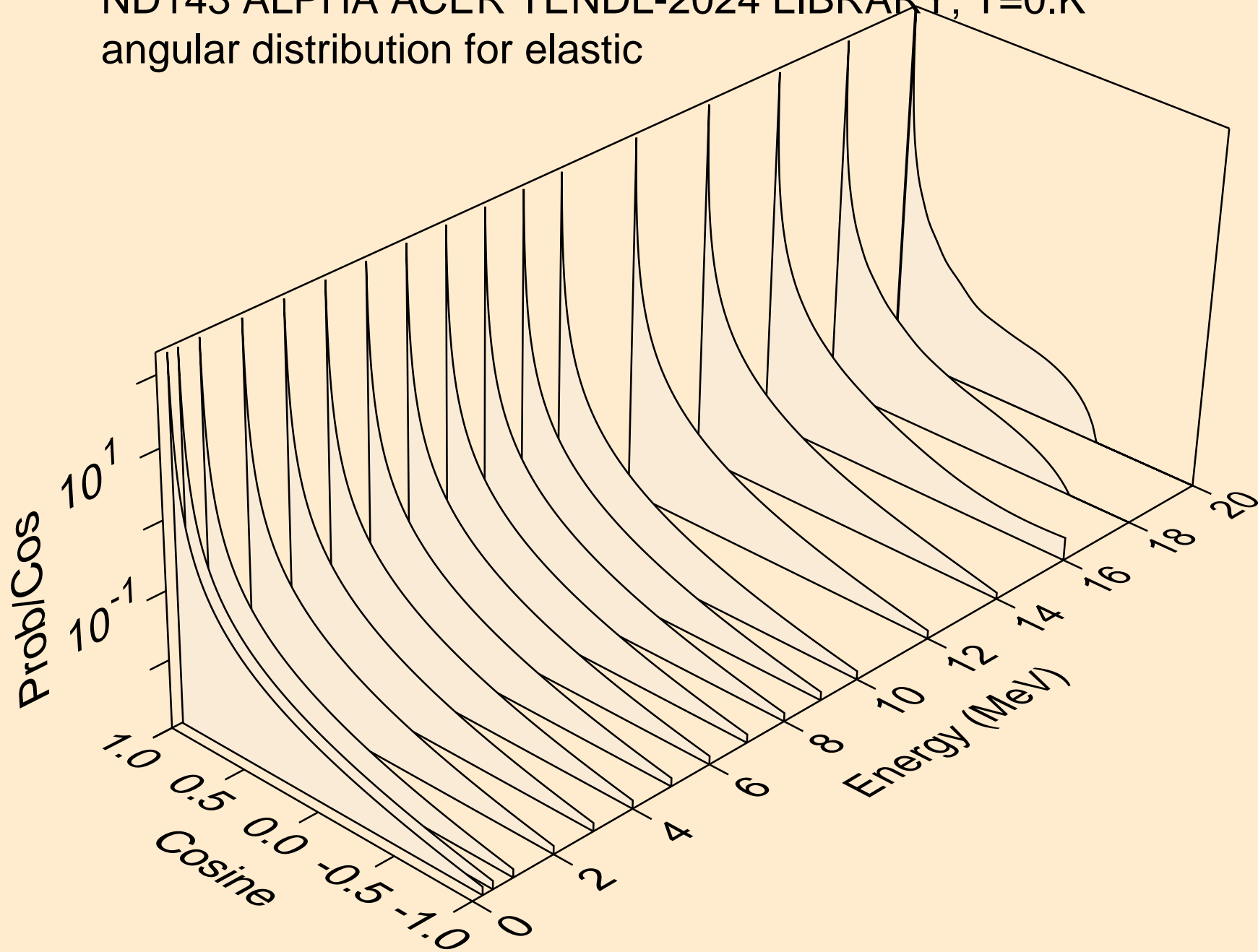


# ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

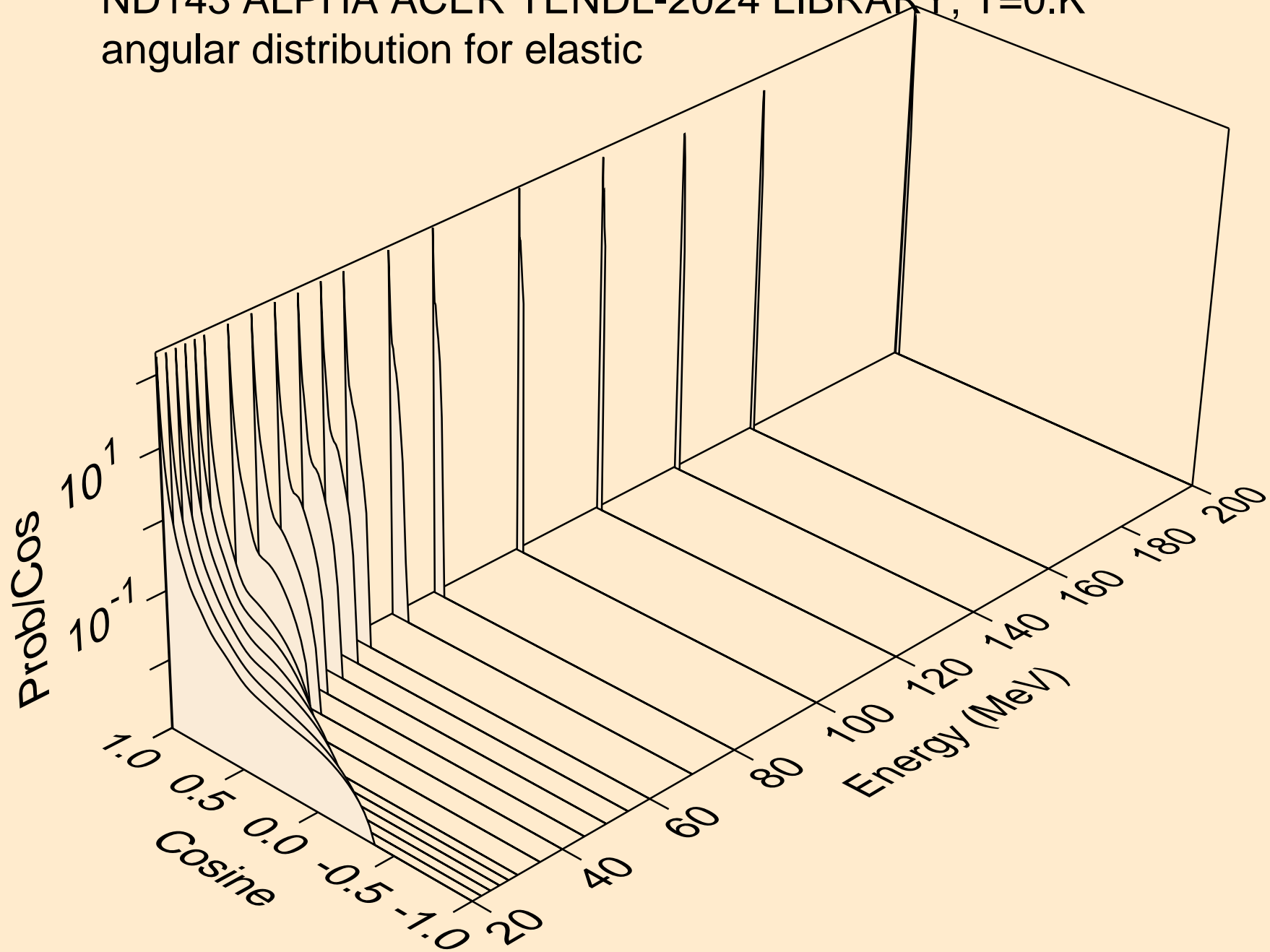
## Threshold reactions



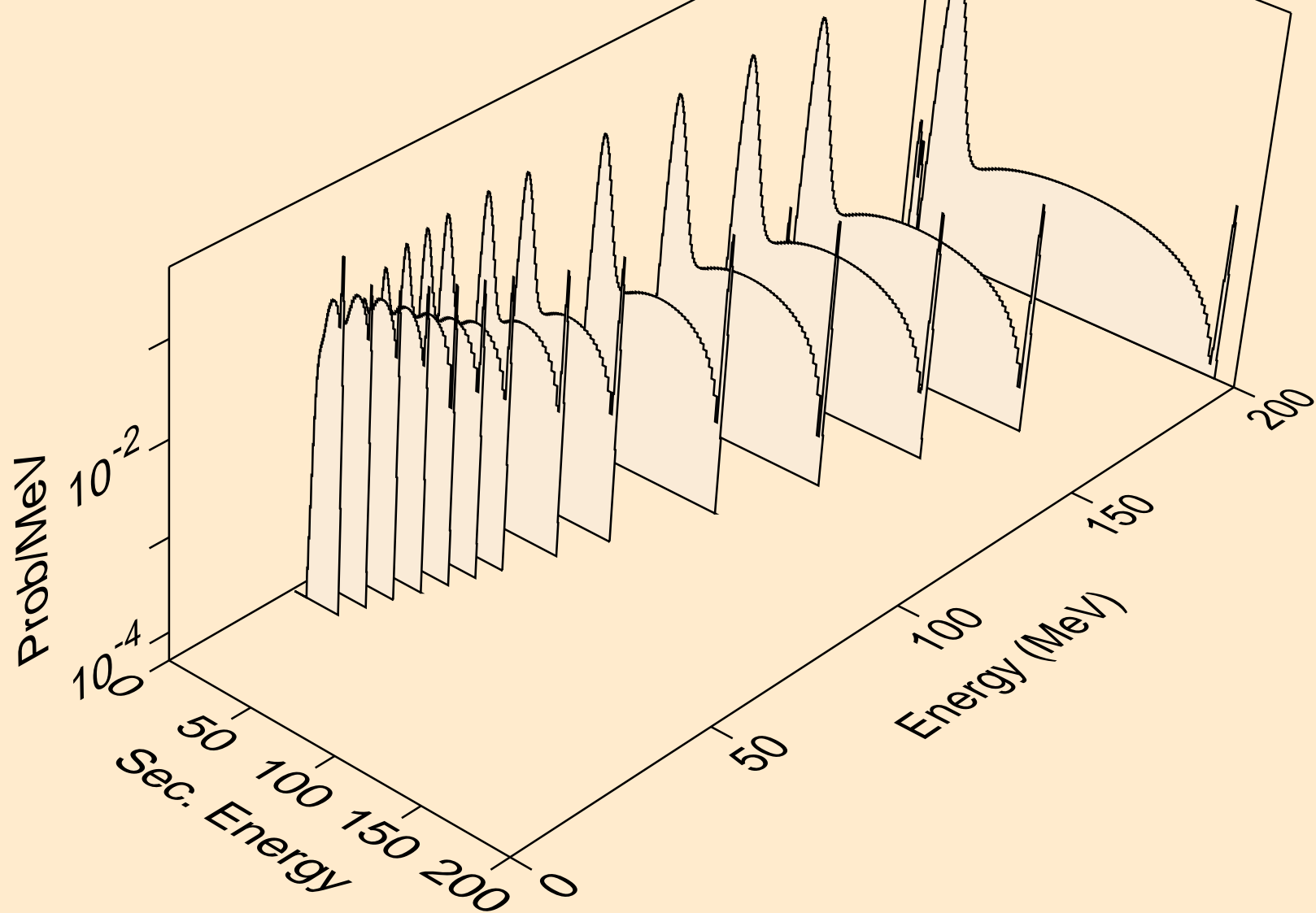
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



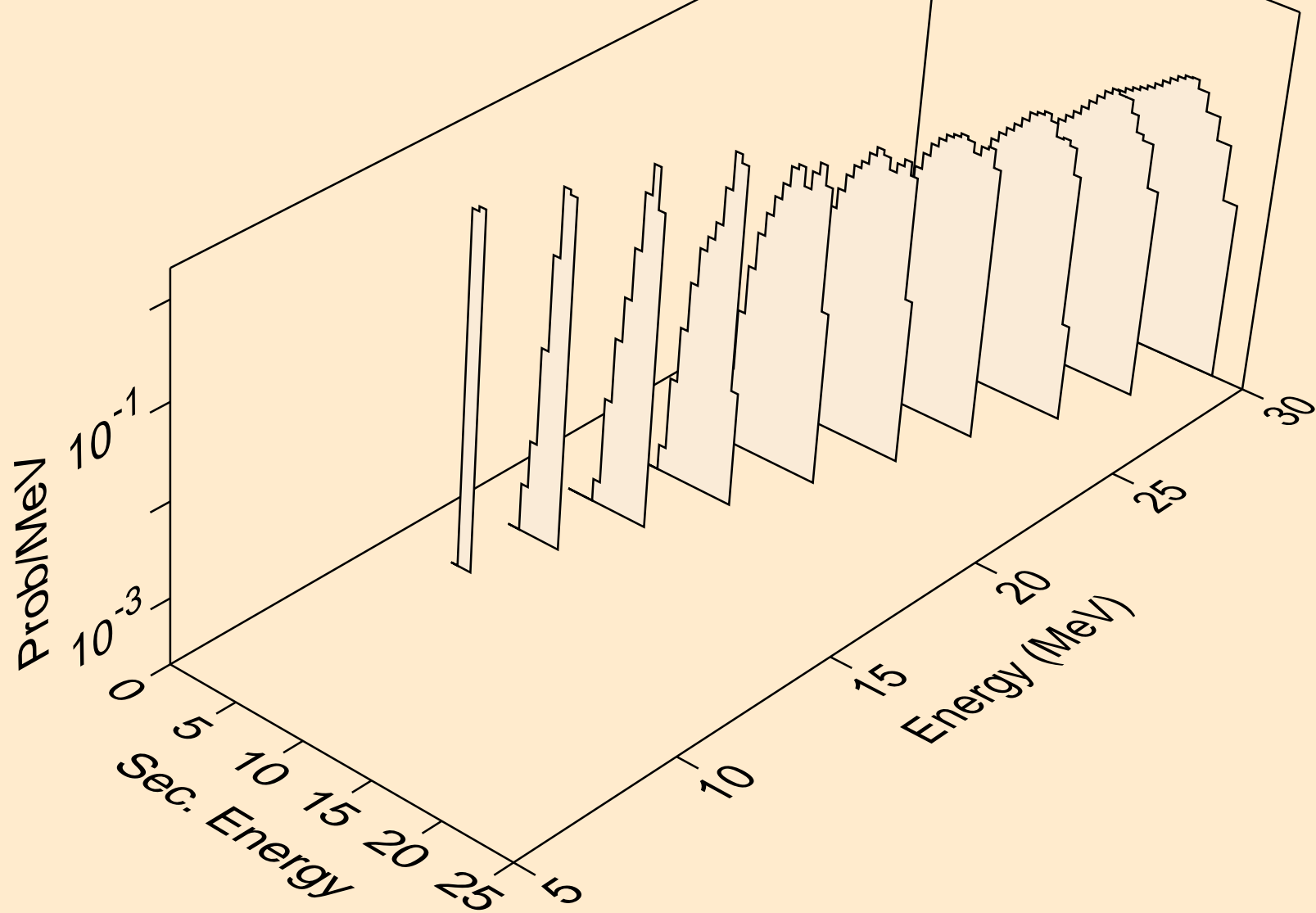
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



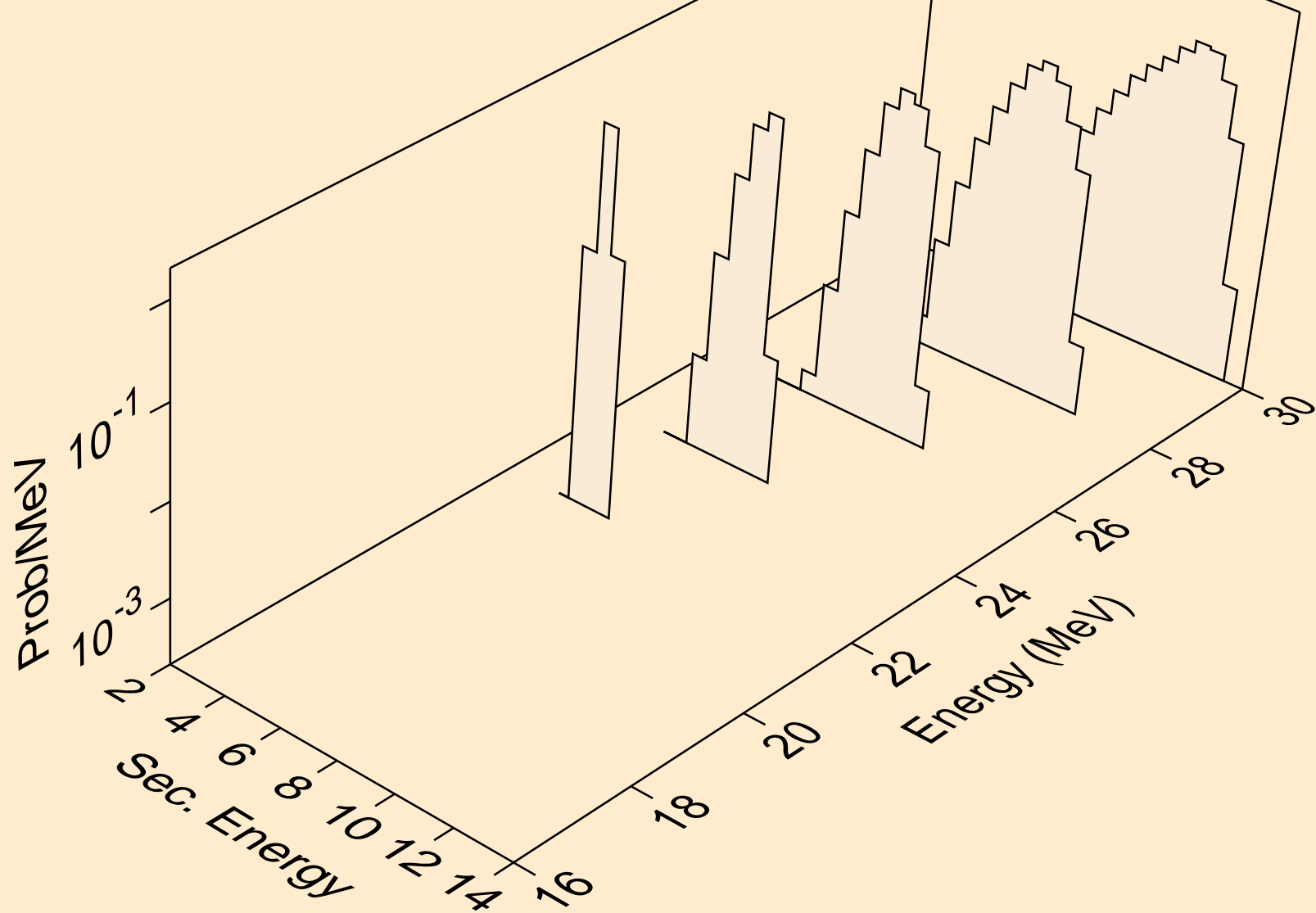
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



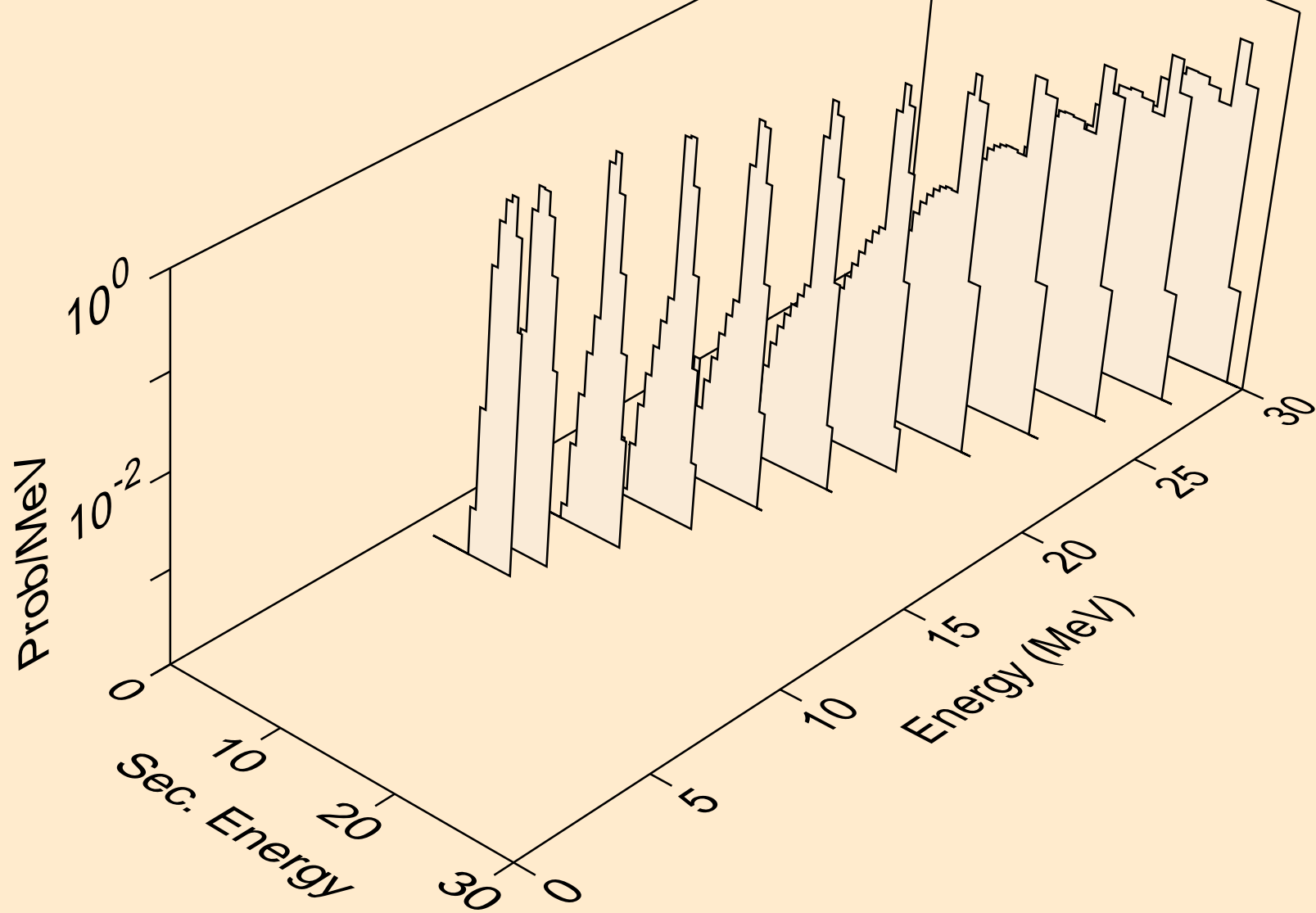
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



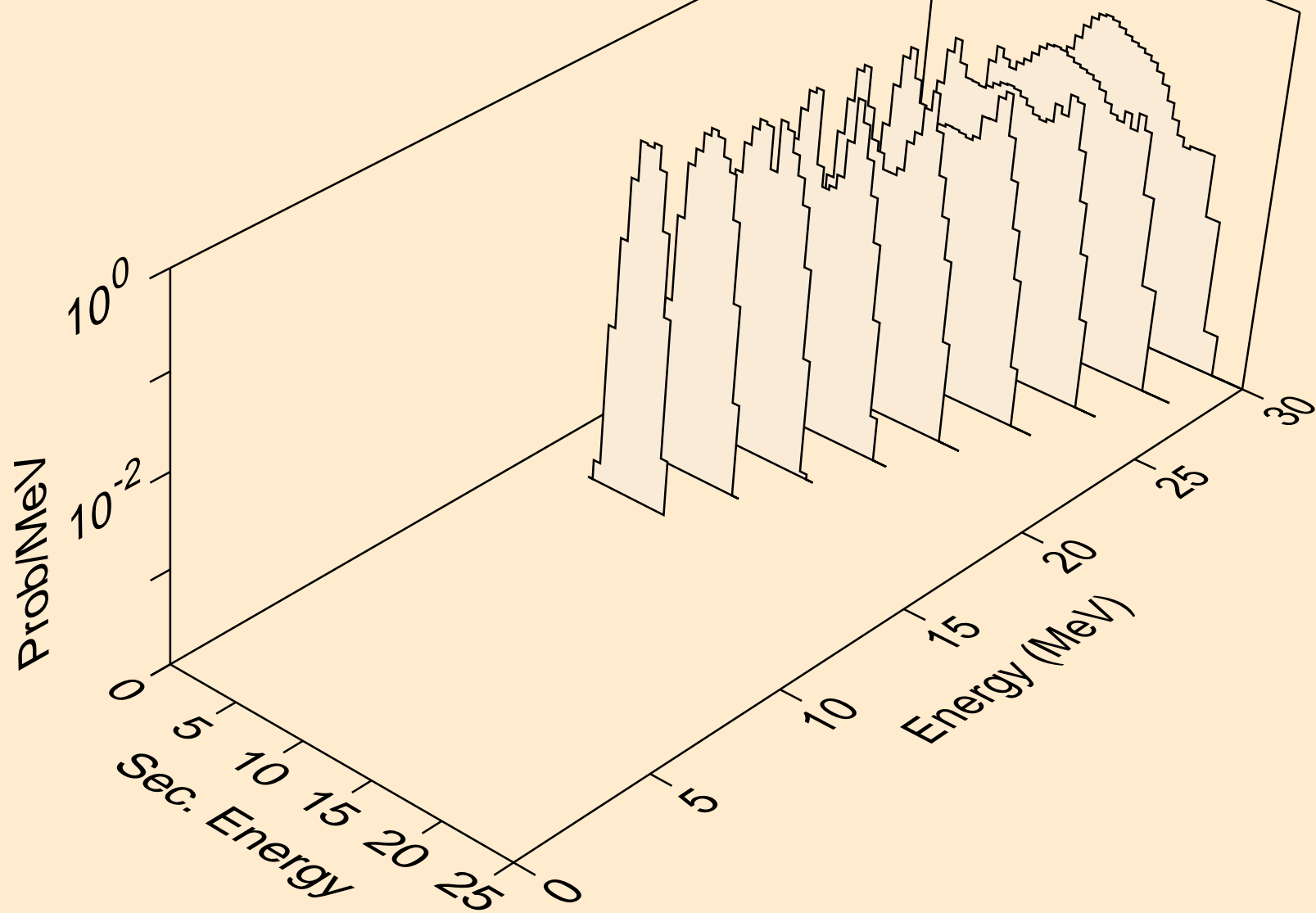
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



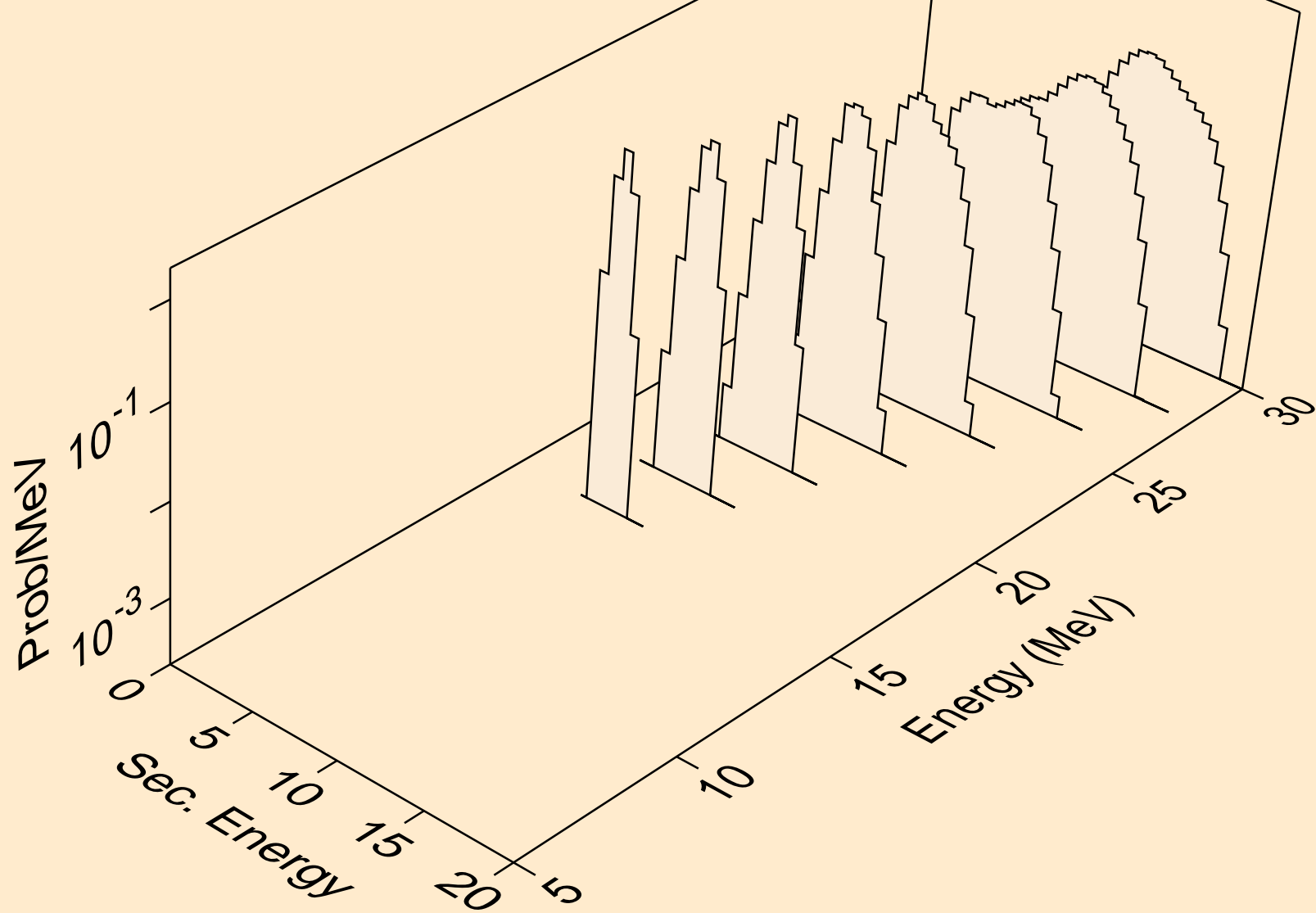
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



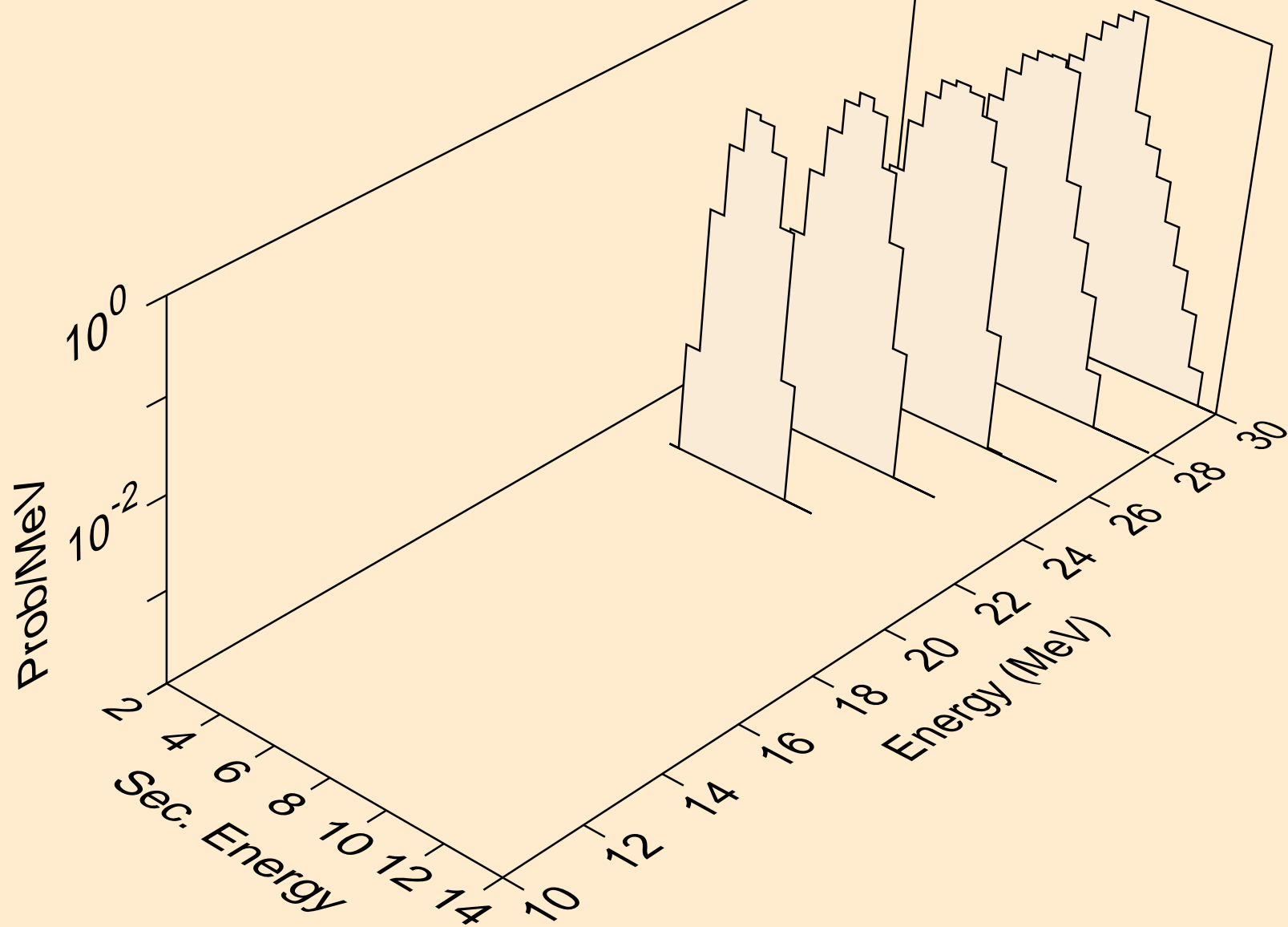
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Alpha emission for (a,2a)



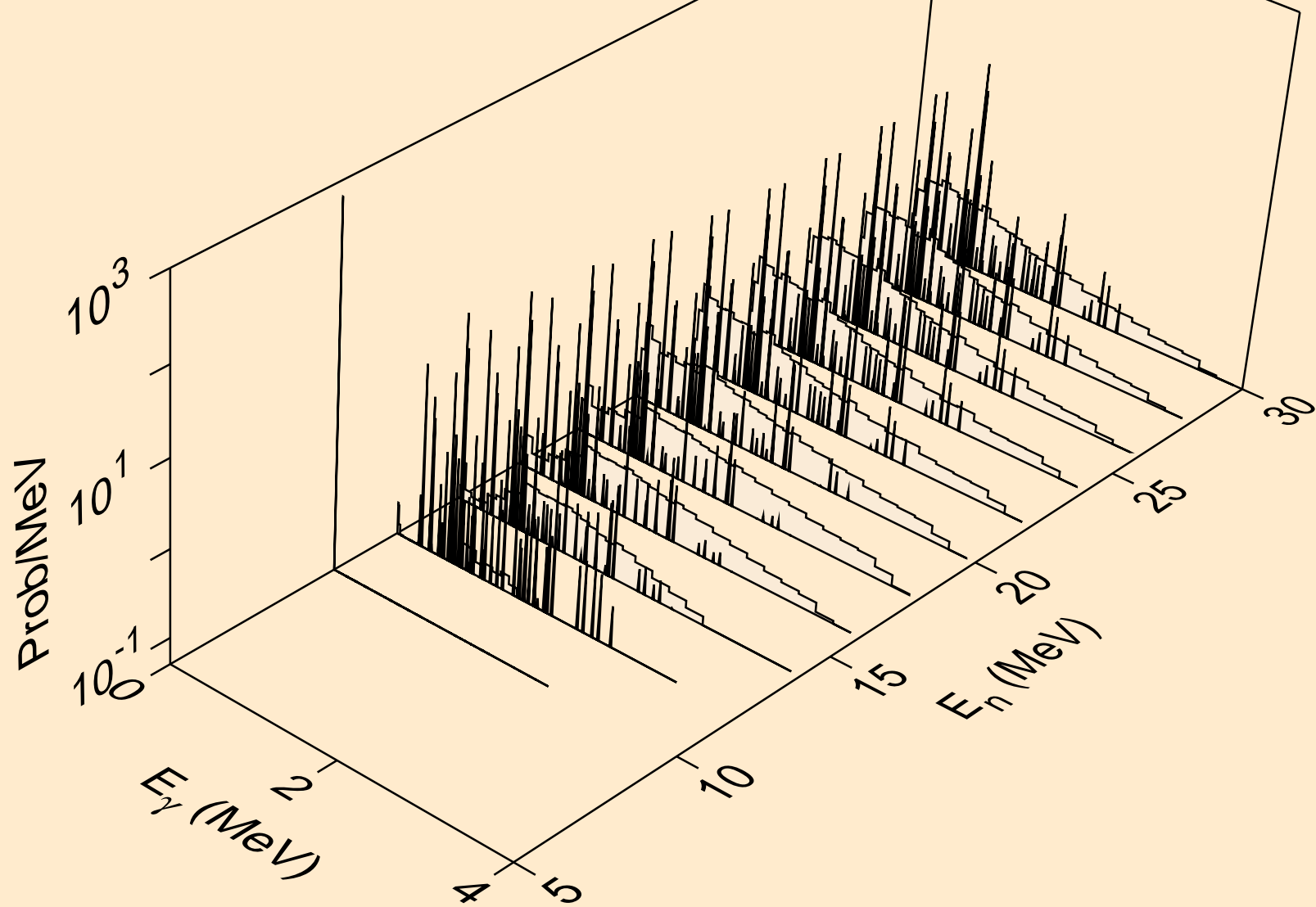
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



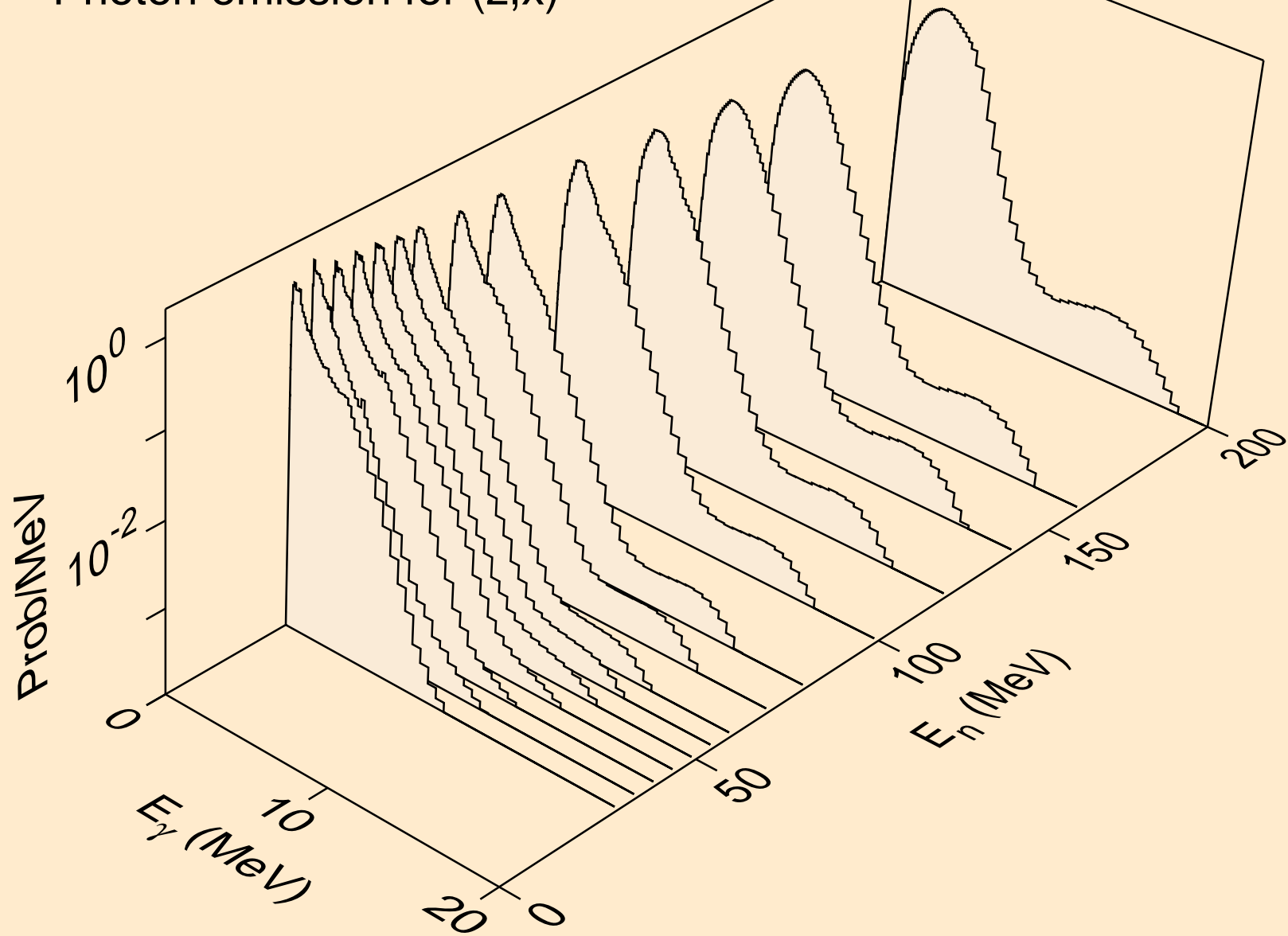
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Alpha emission for (a,da)



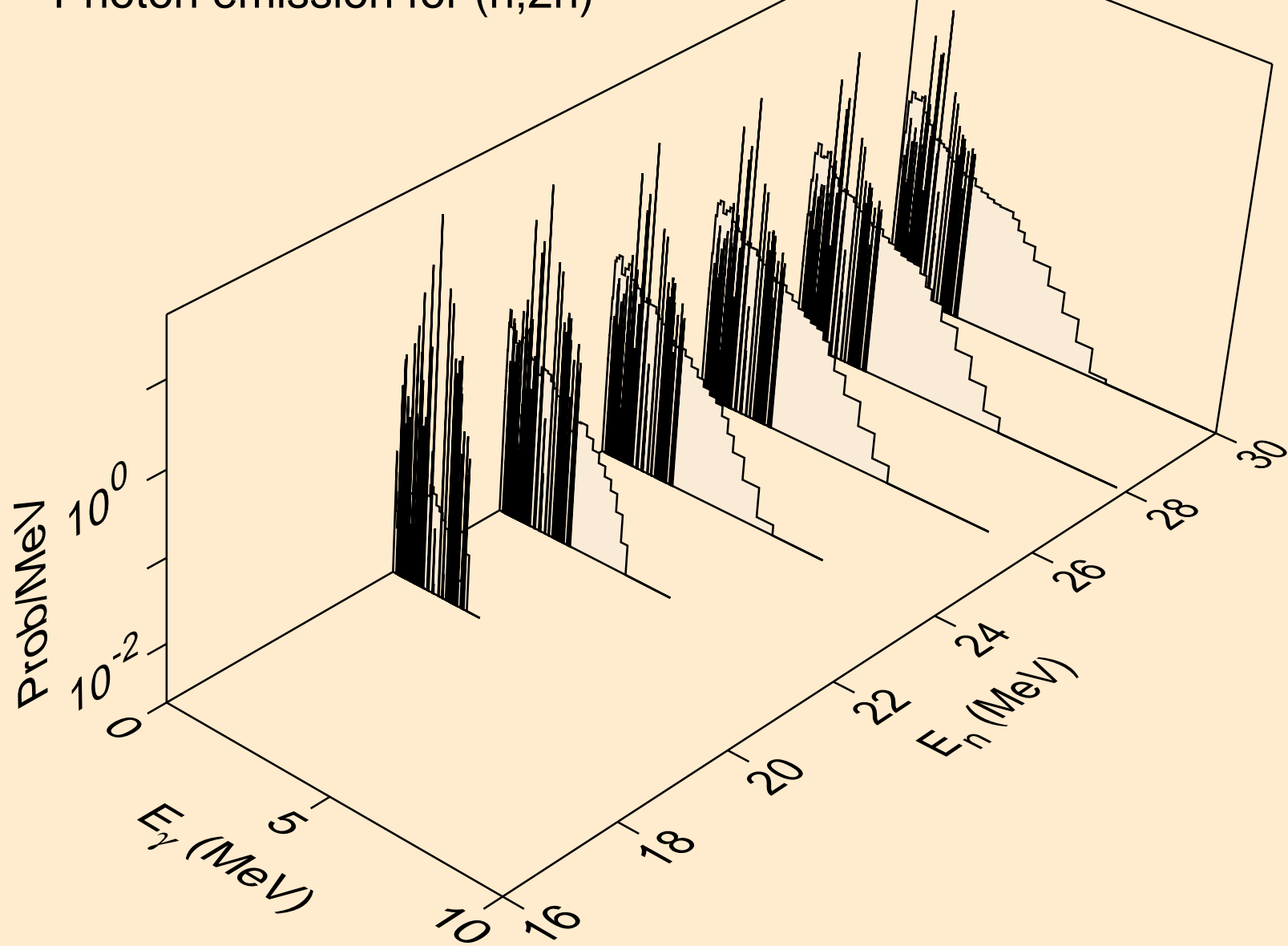
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Photon emission for (z,n)



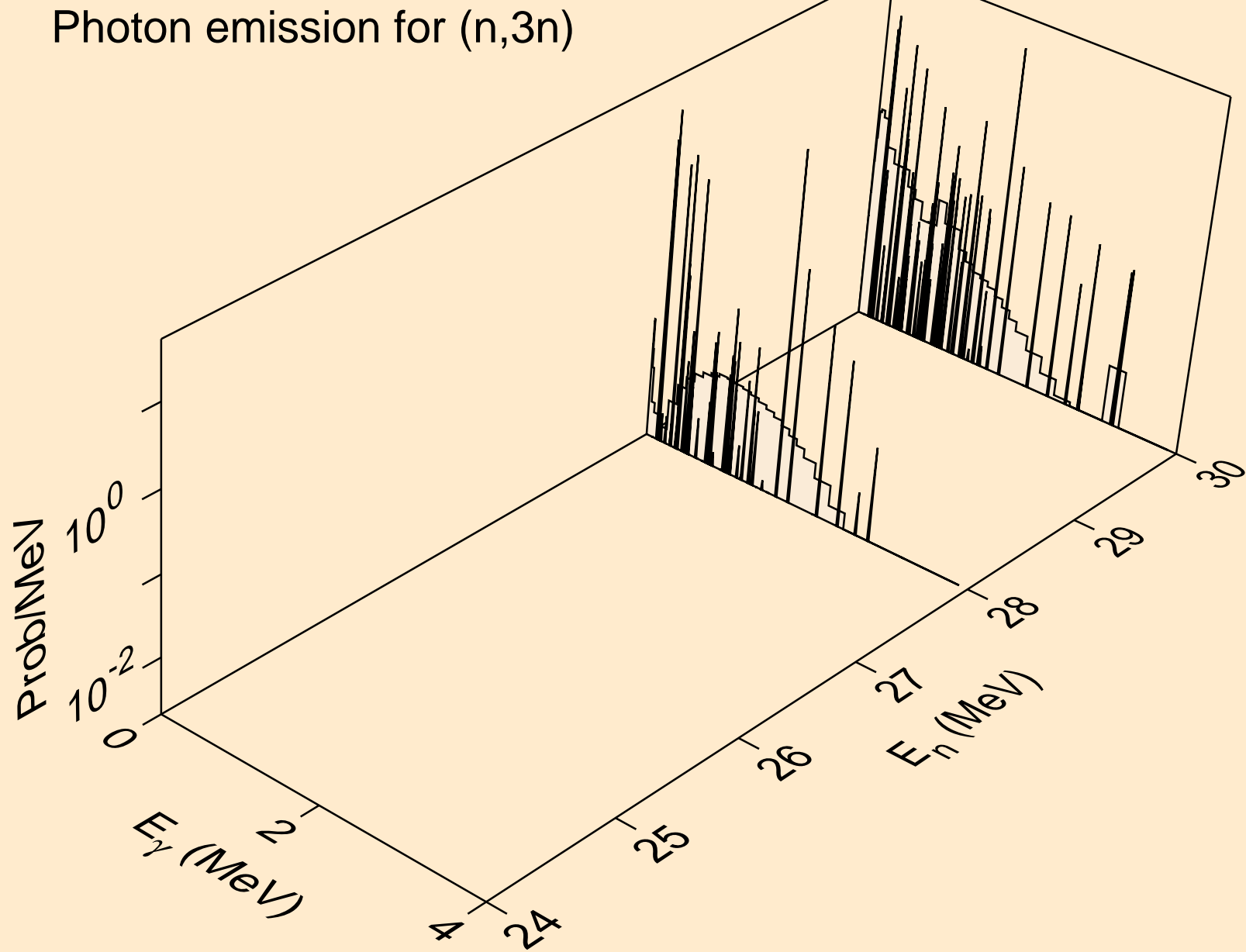
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Photon emission for (z,x)



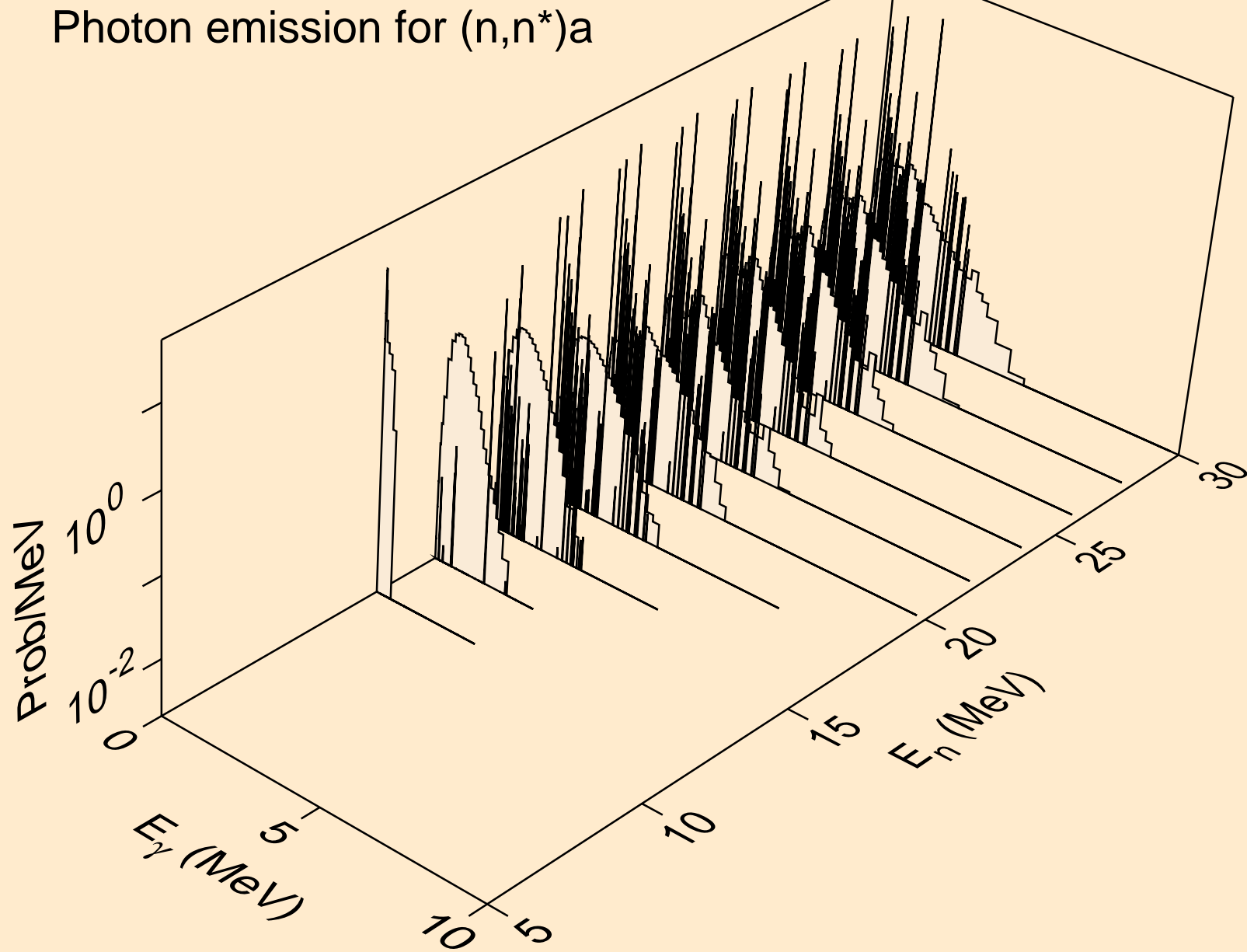
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



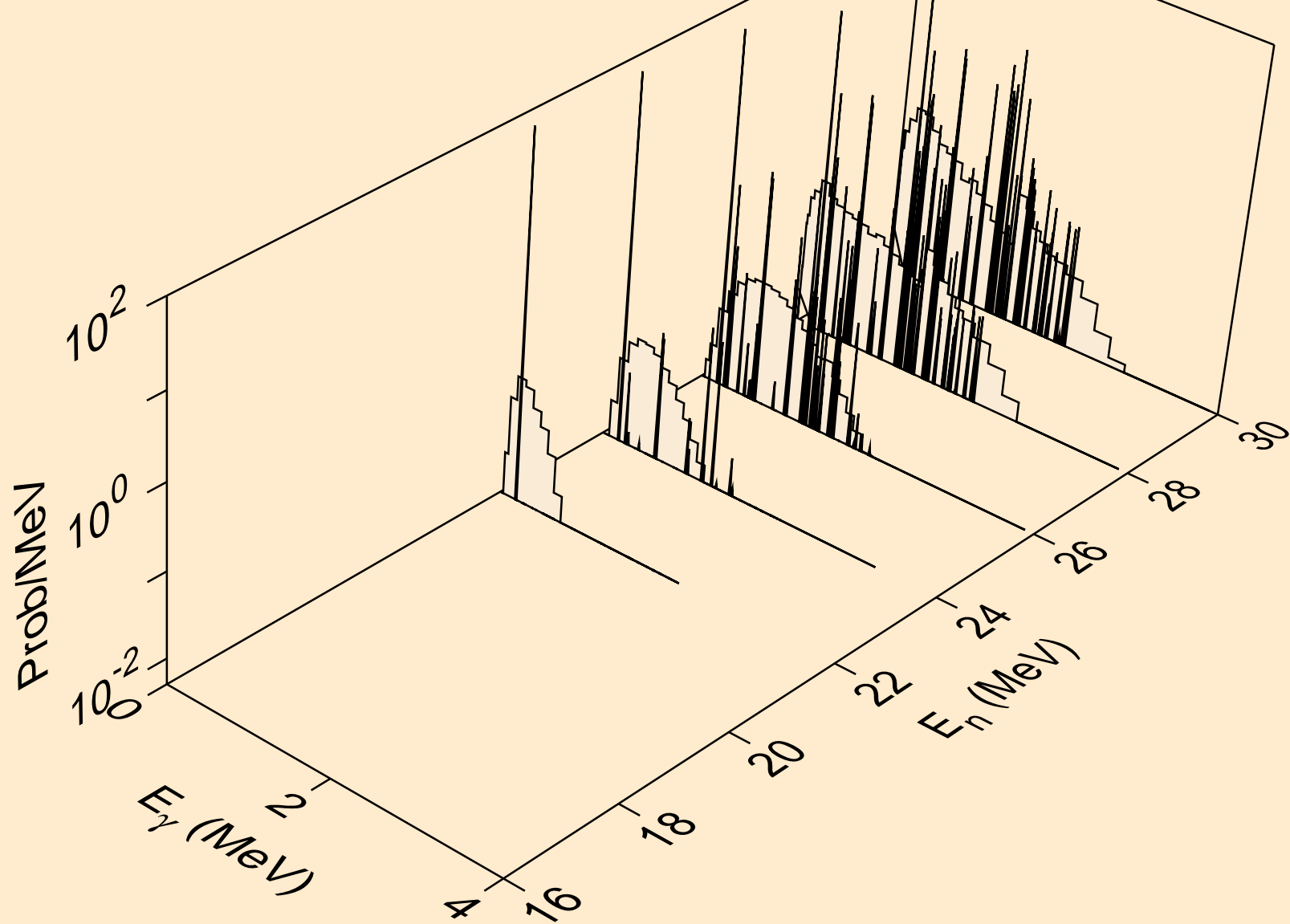
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



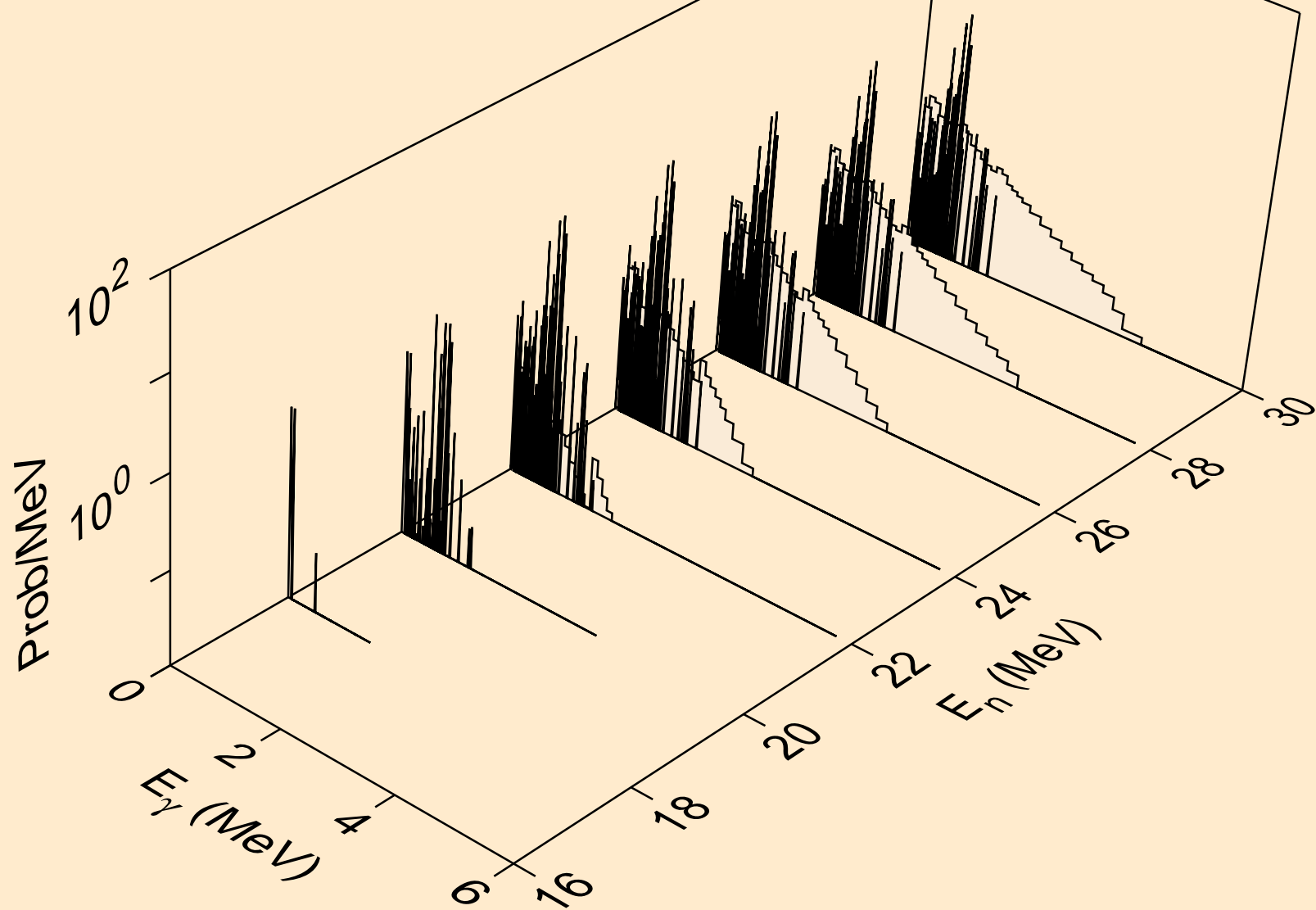
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



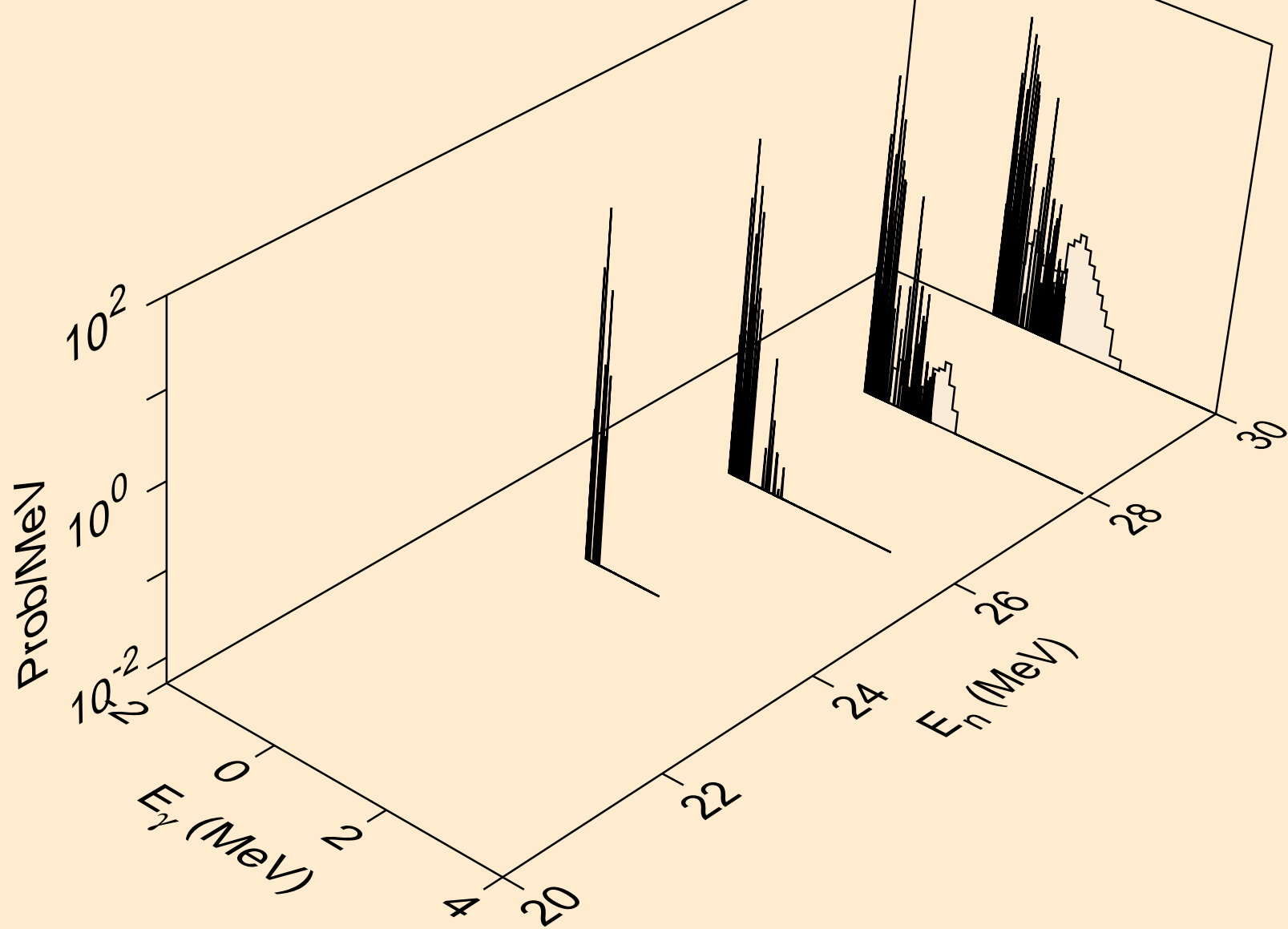
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Photon emission for (n,2n)a



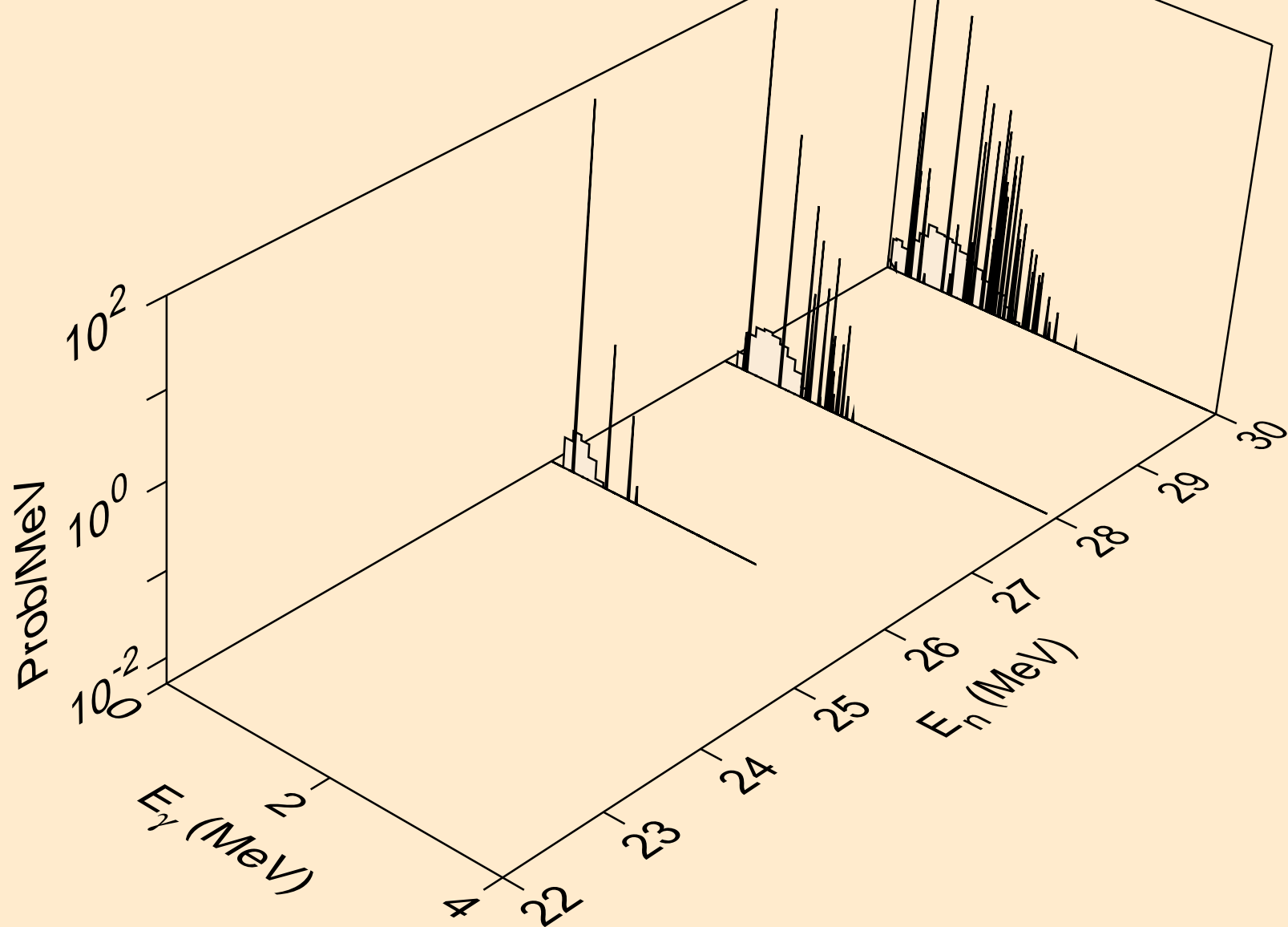
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Photon emission for (n,n\*)p



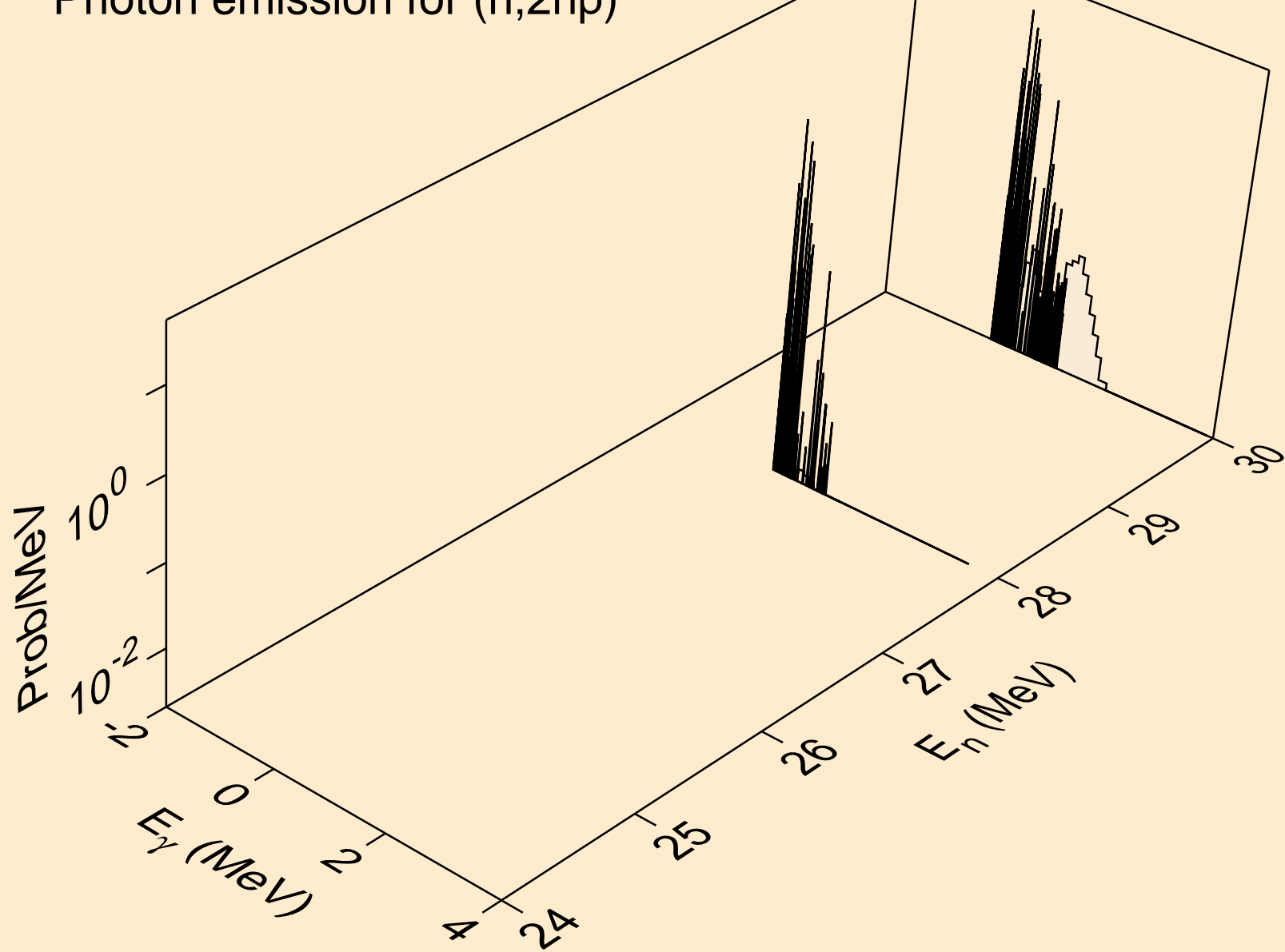
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



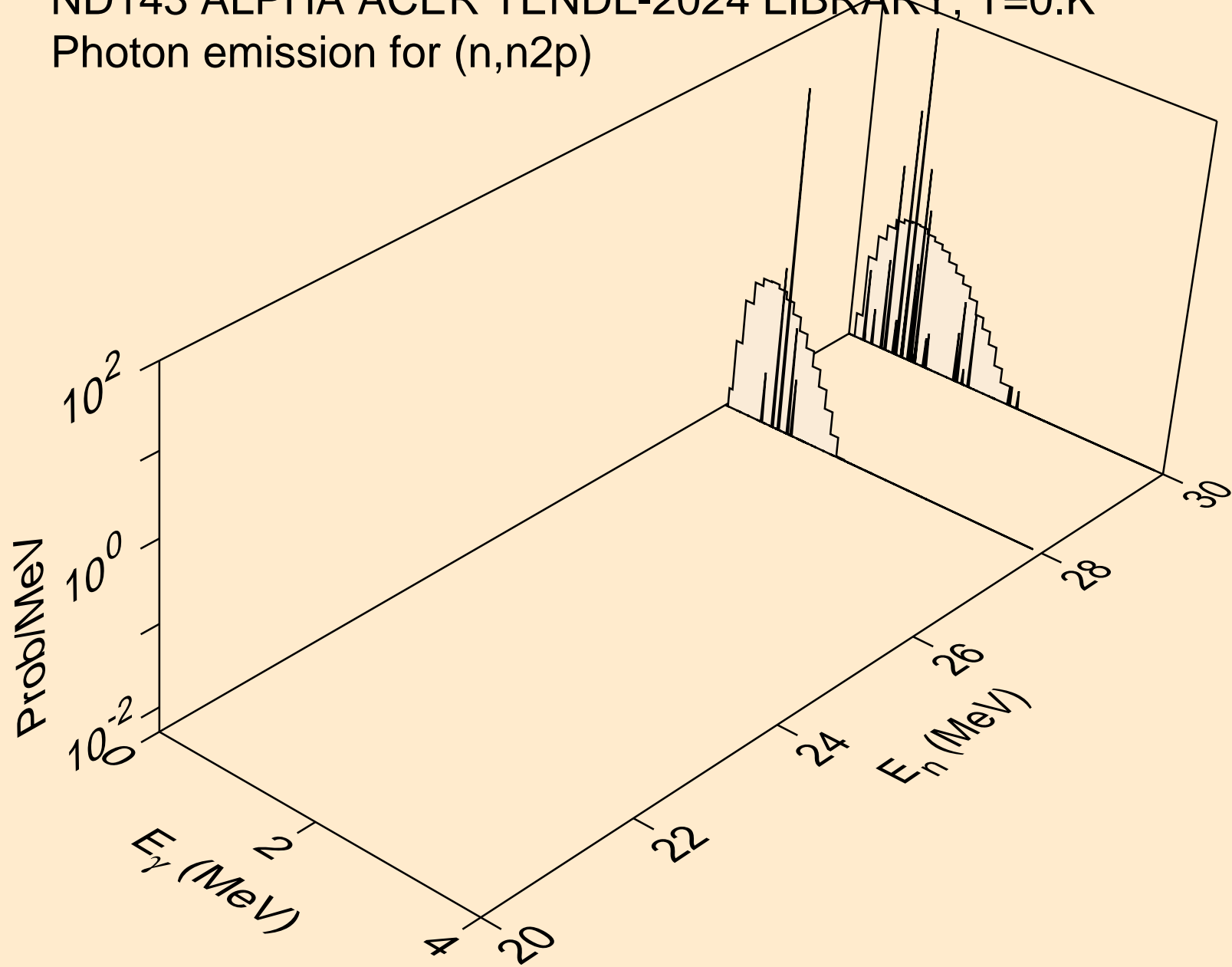
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



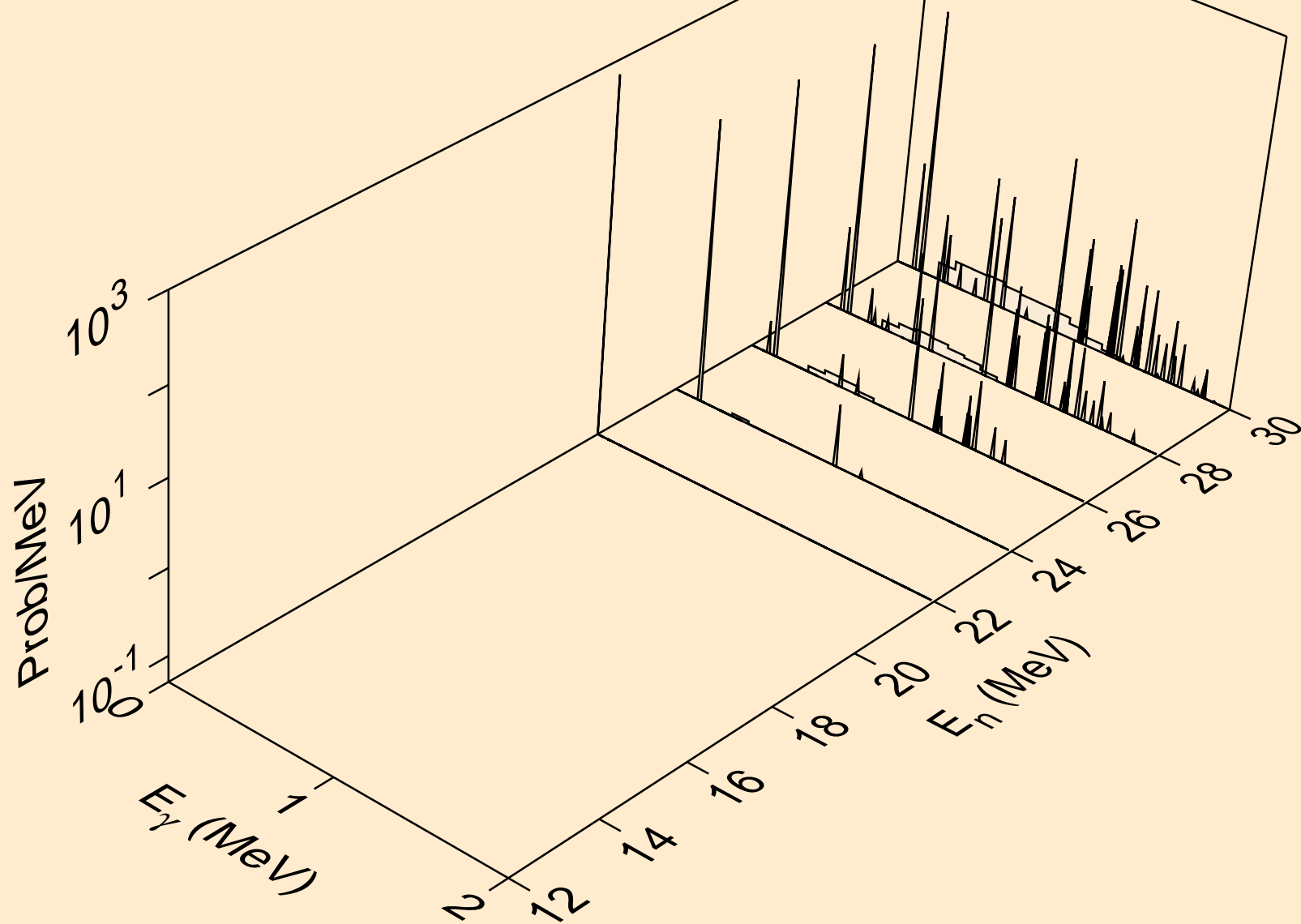
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



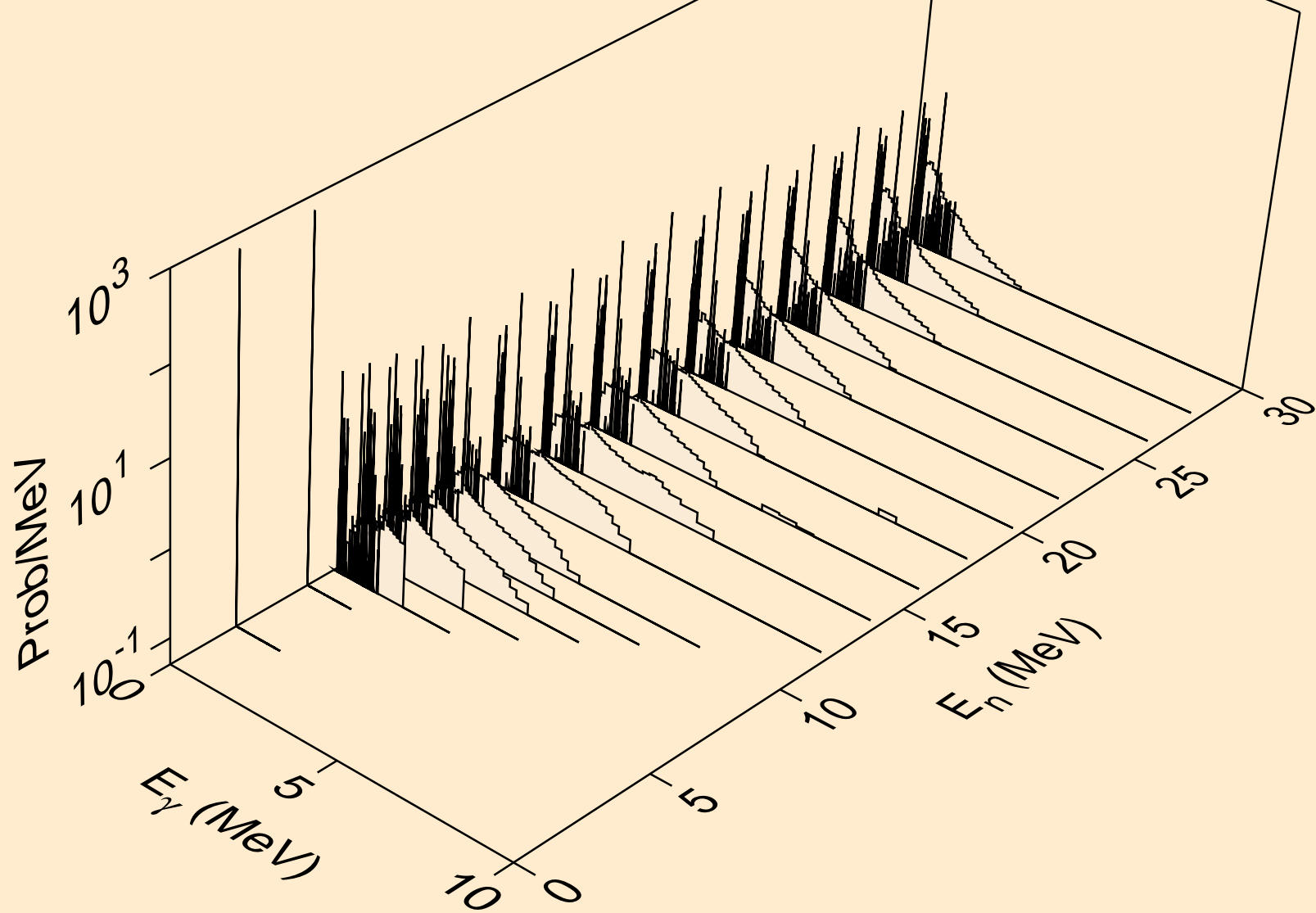
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Photon emission for (n,n2p)



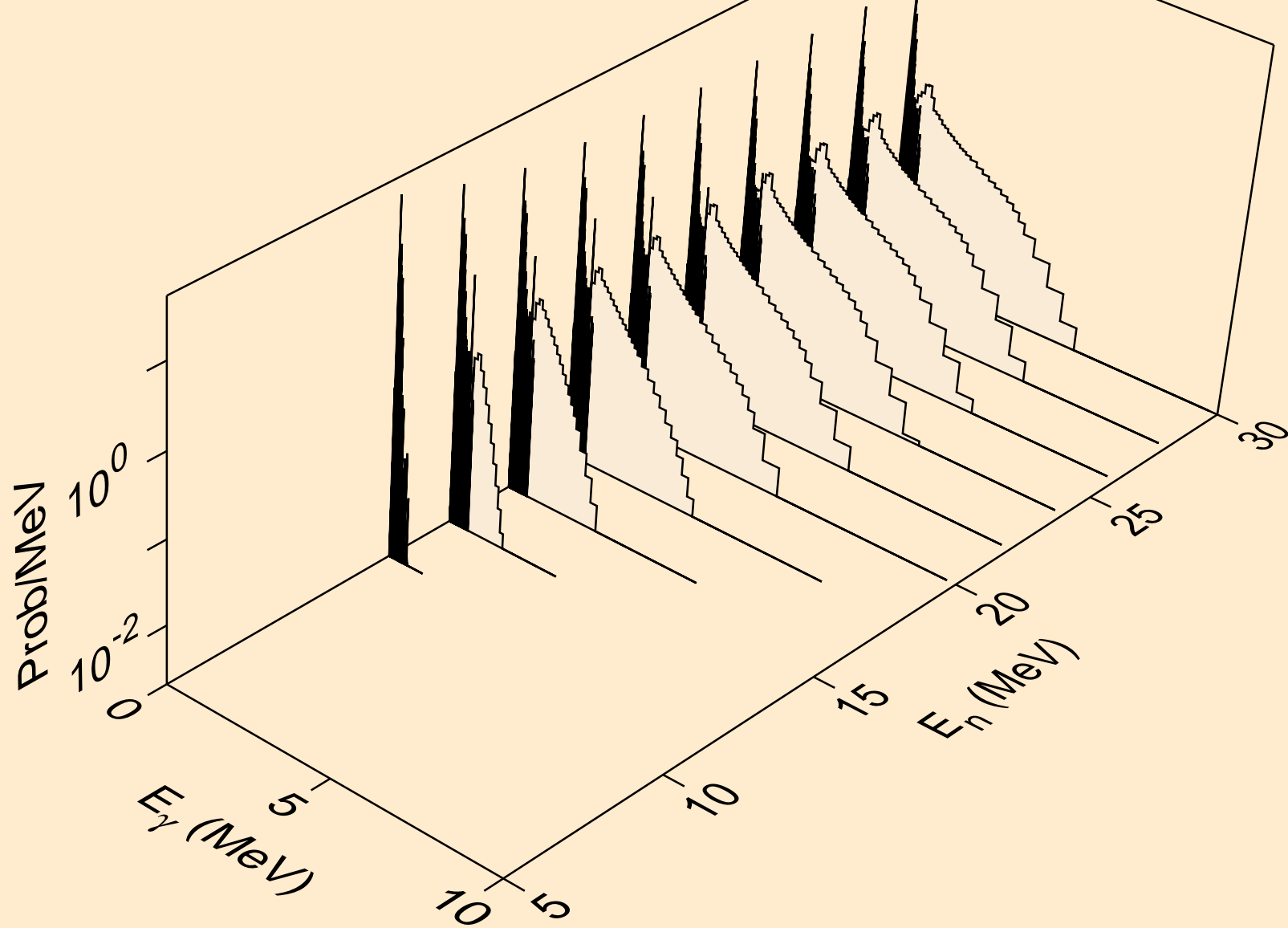
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Photon emission for (n,npa)



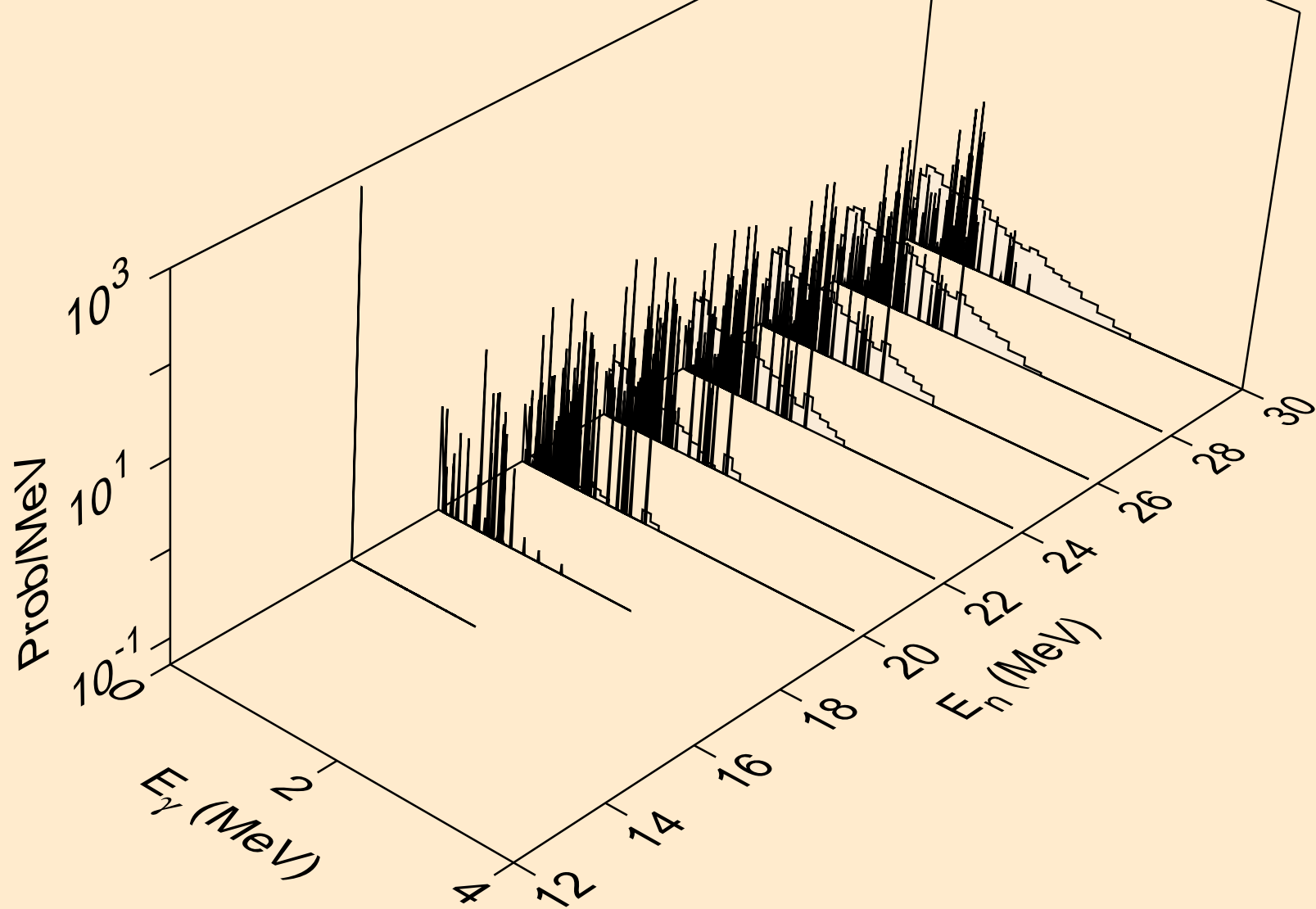
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Photon emission for (n,gma)



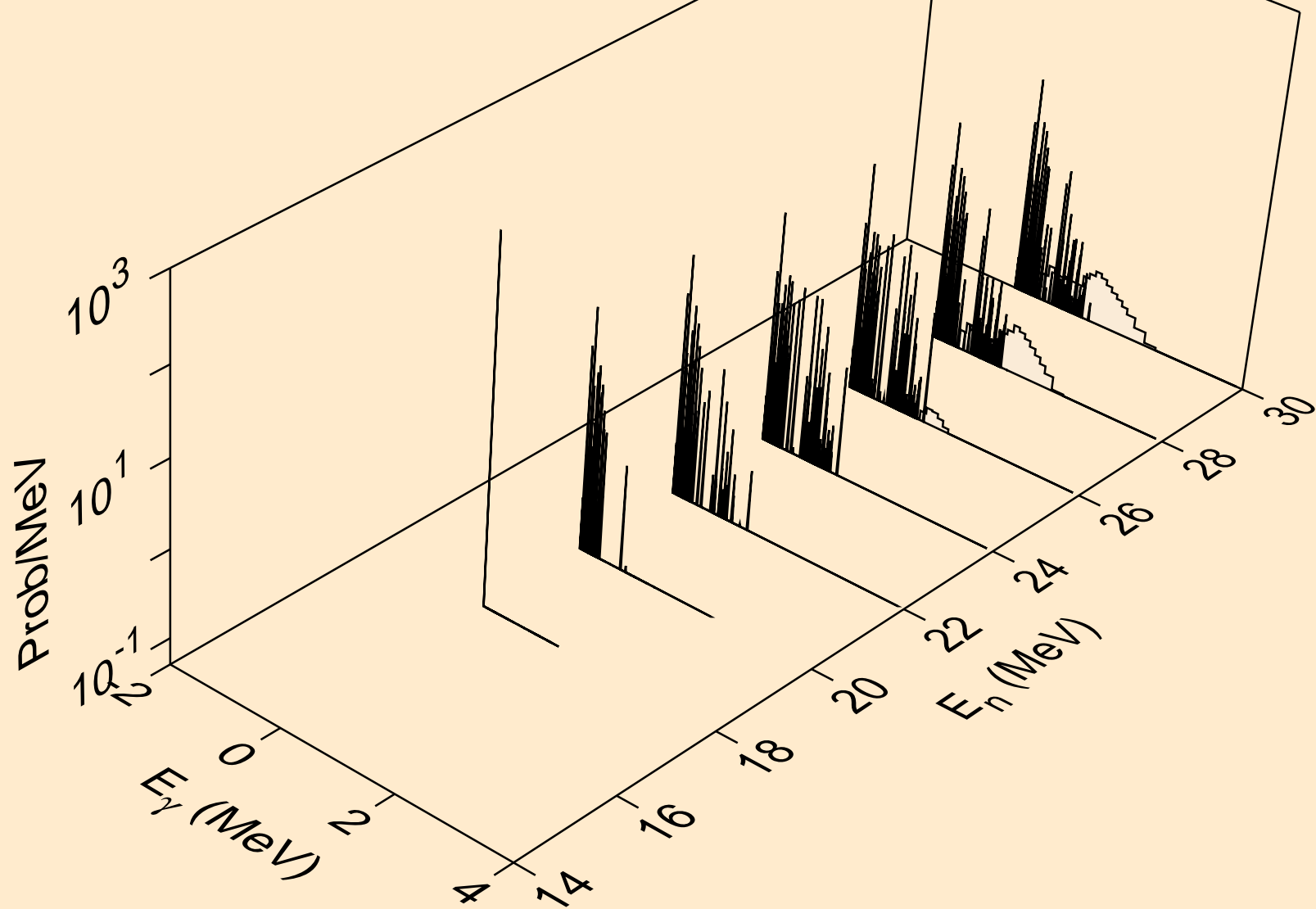
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Photon emission for (n,p)



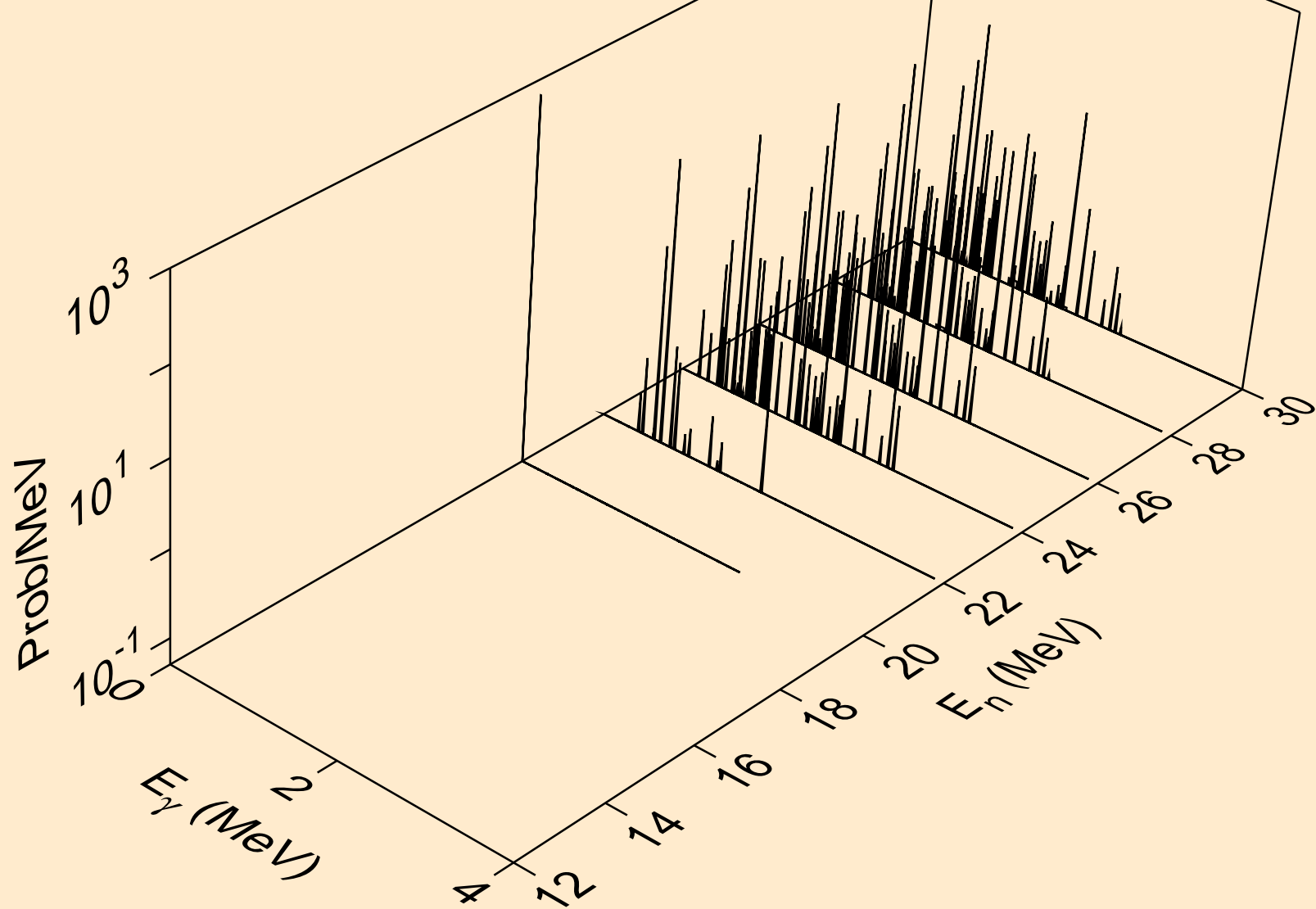
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Photon emission for (n,d)



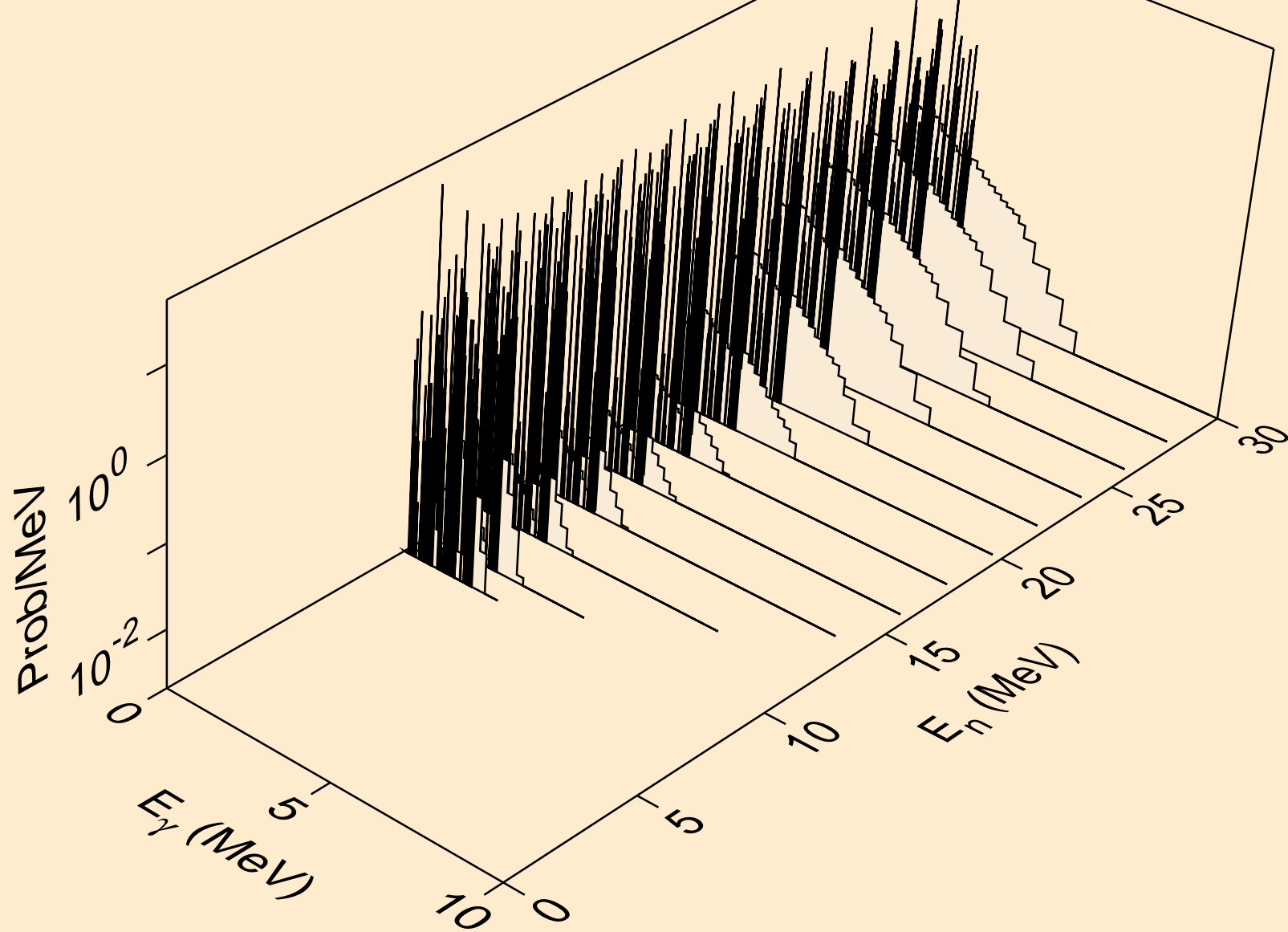
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Photon emission for (n,t)



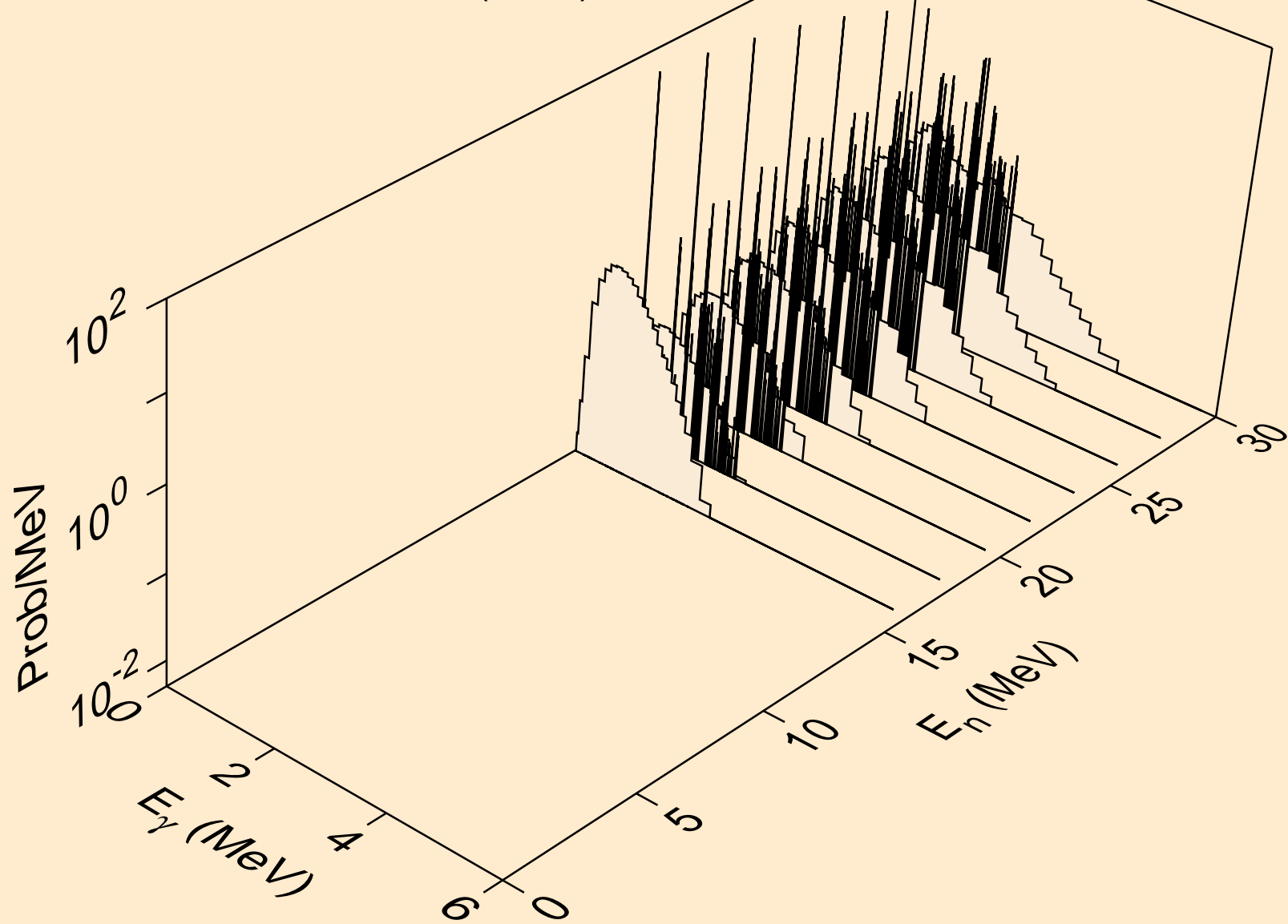
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Photon emission for (n,he3)



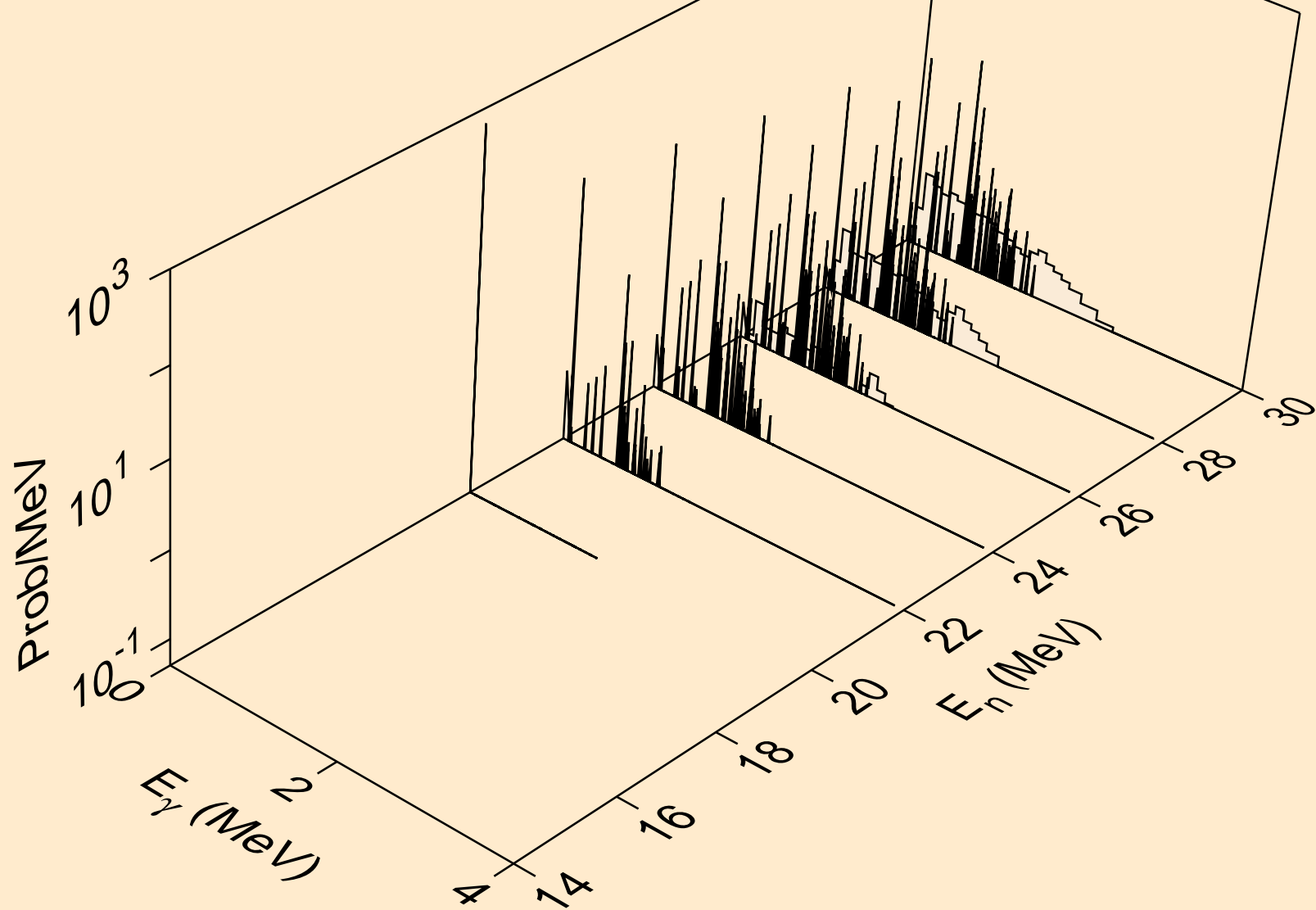
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



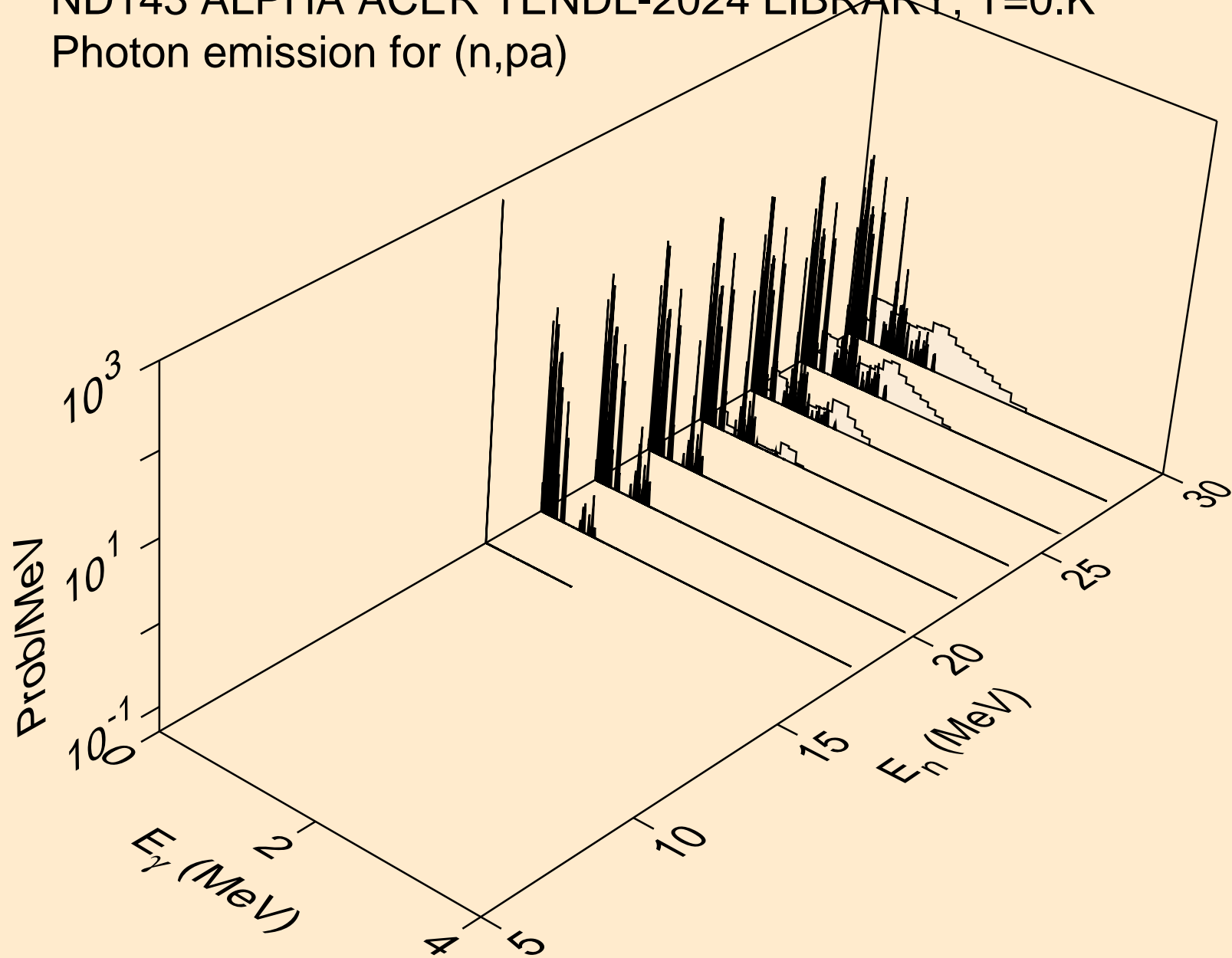
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



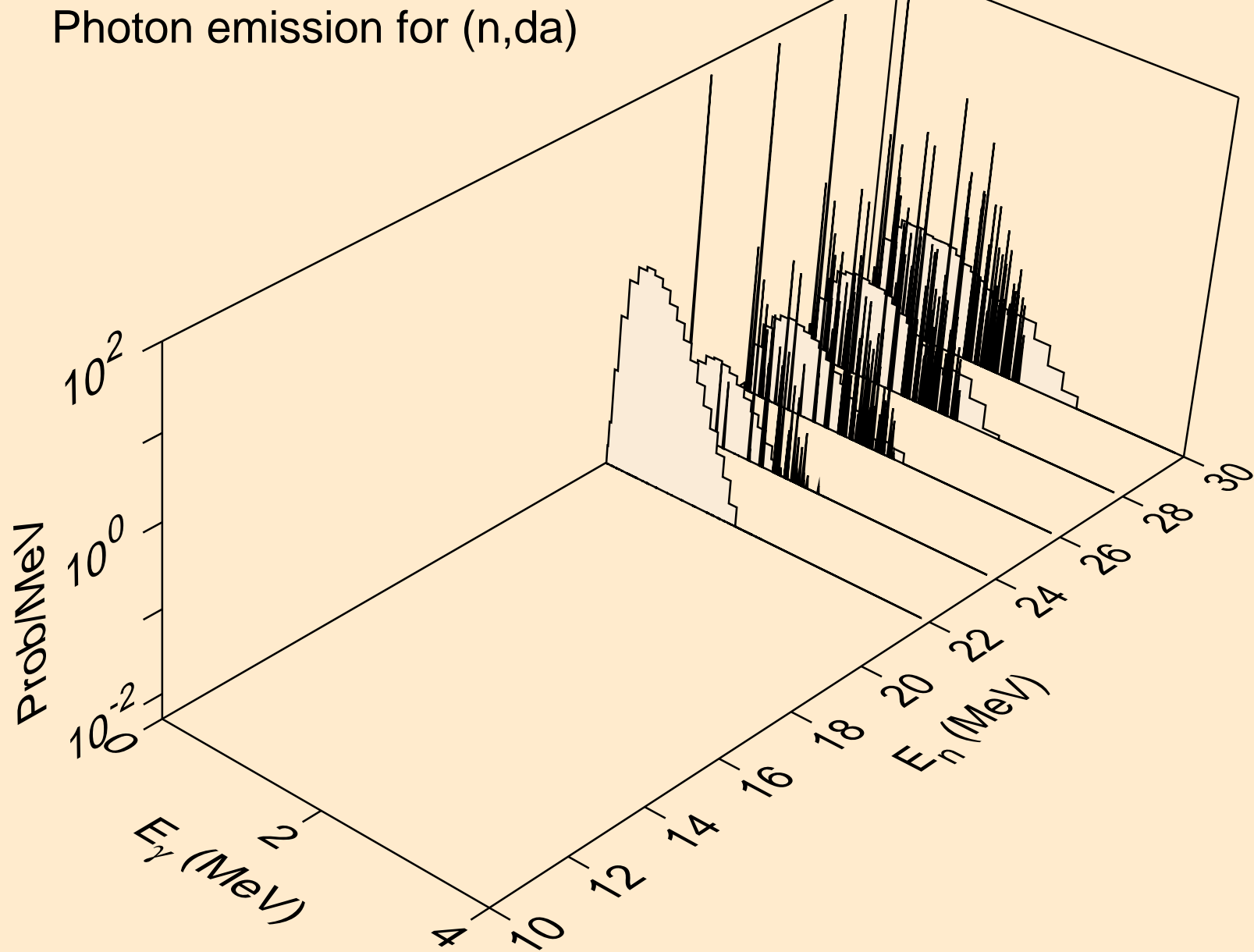
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)

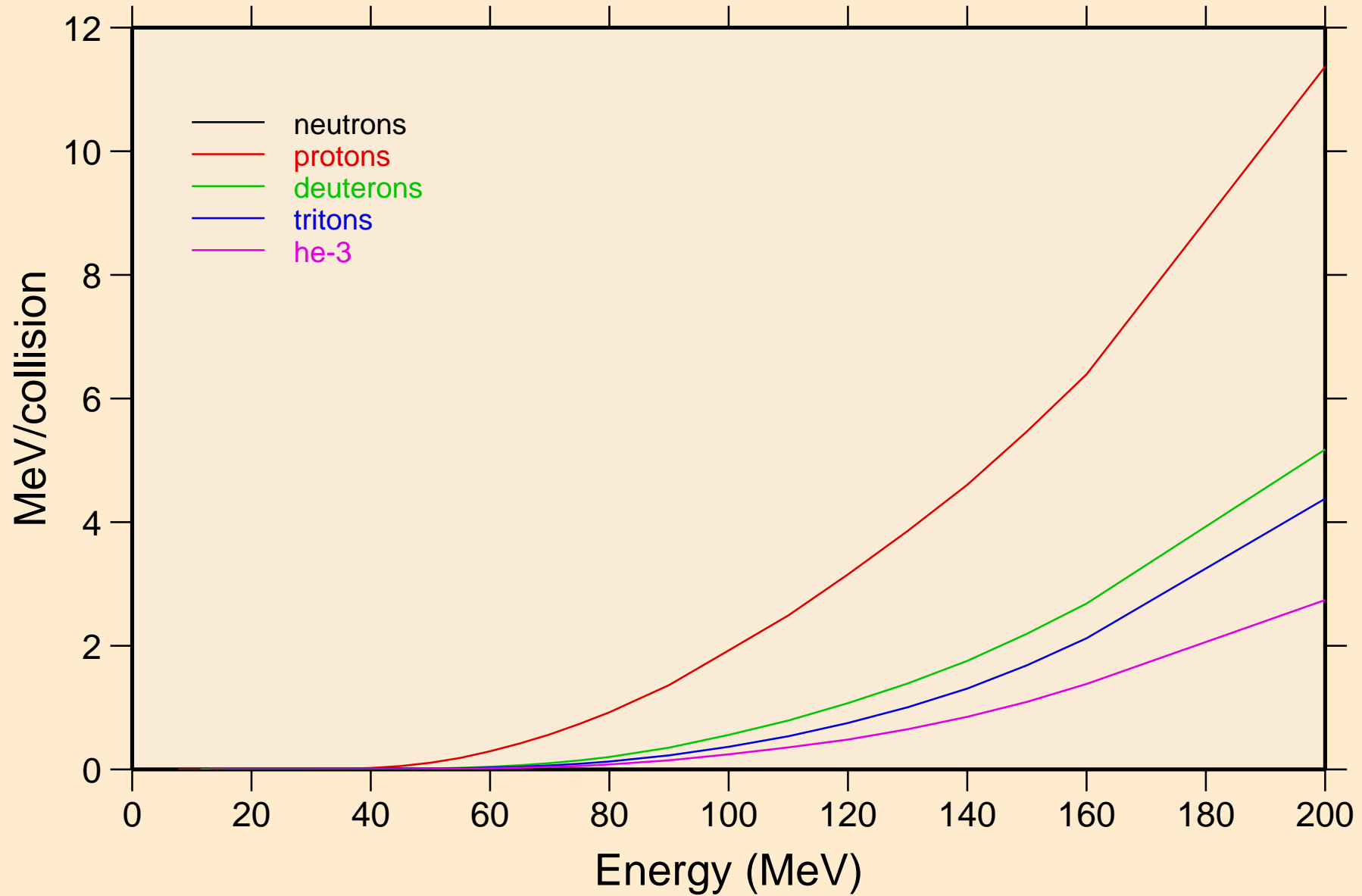


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Photon emission for (n,da)

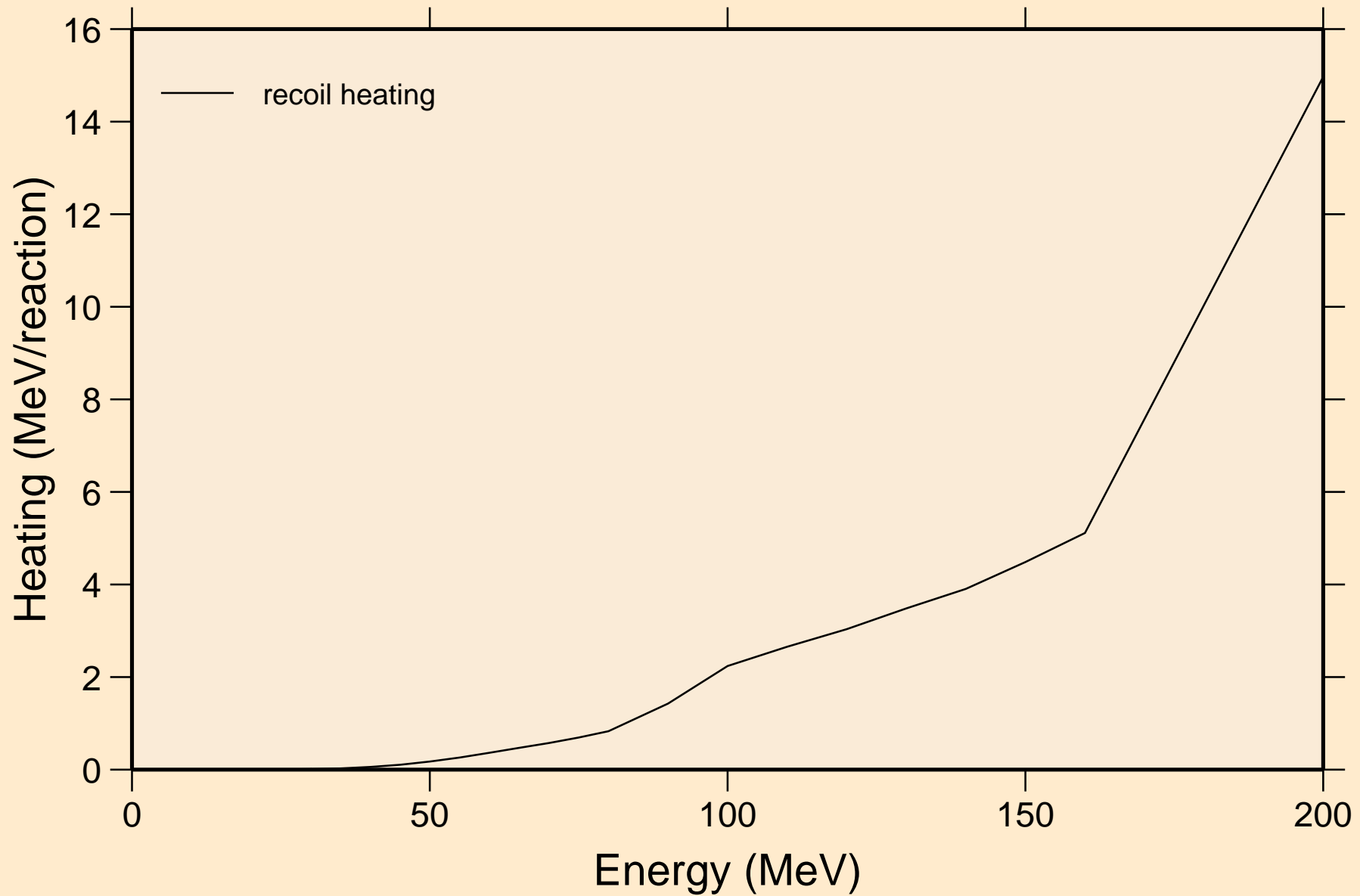


# ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

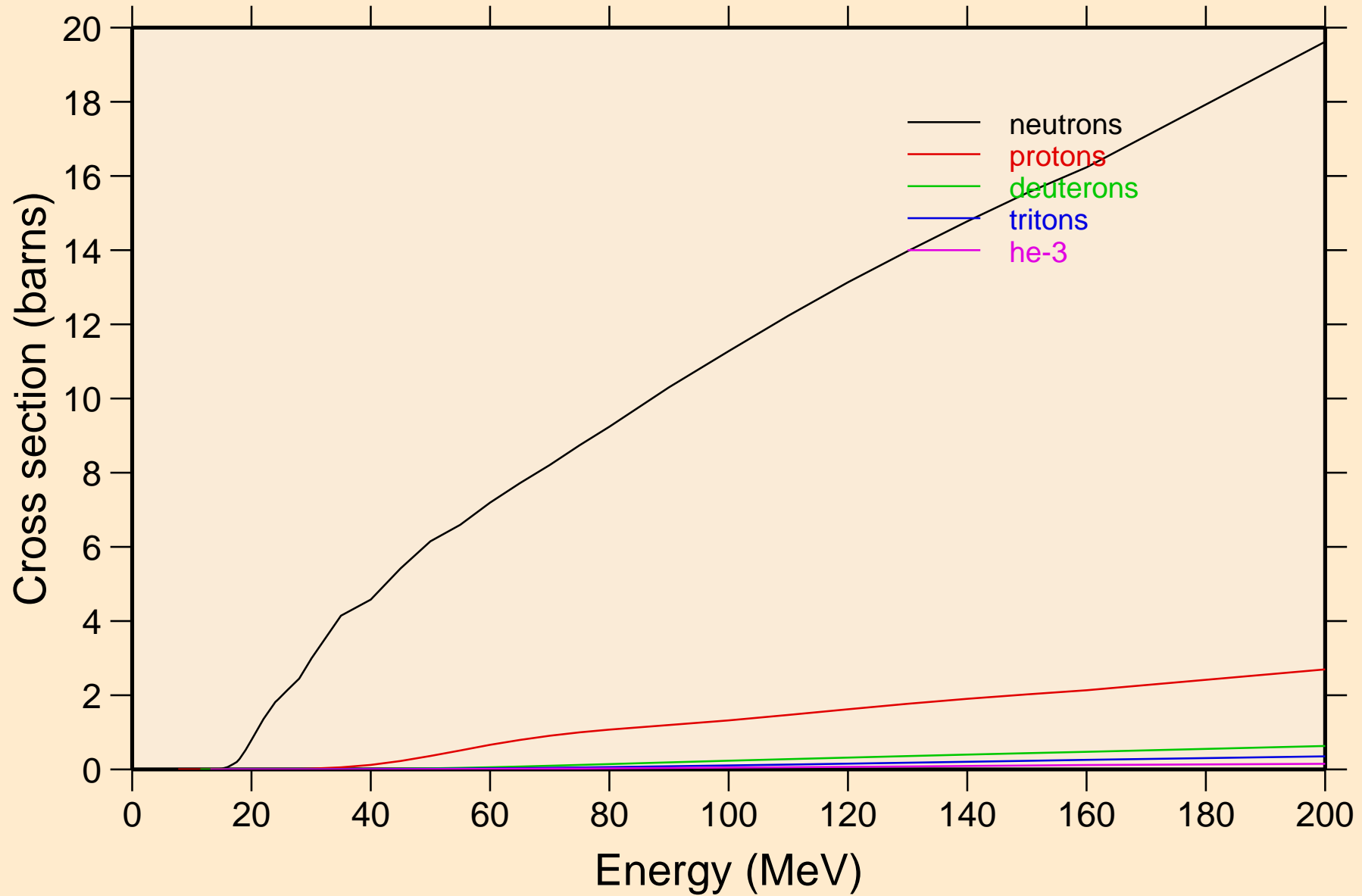
## Particle heating contributions



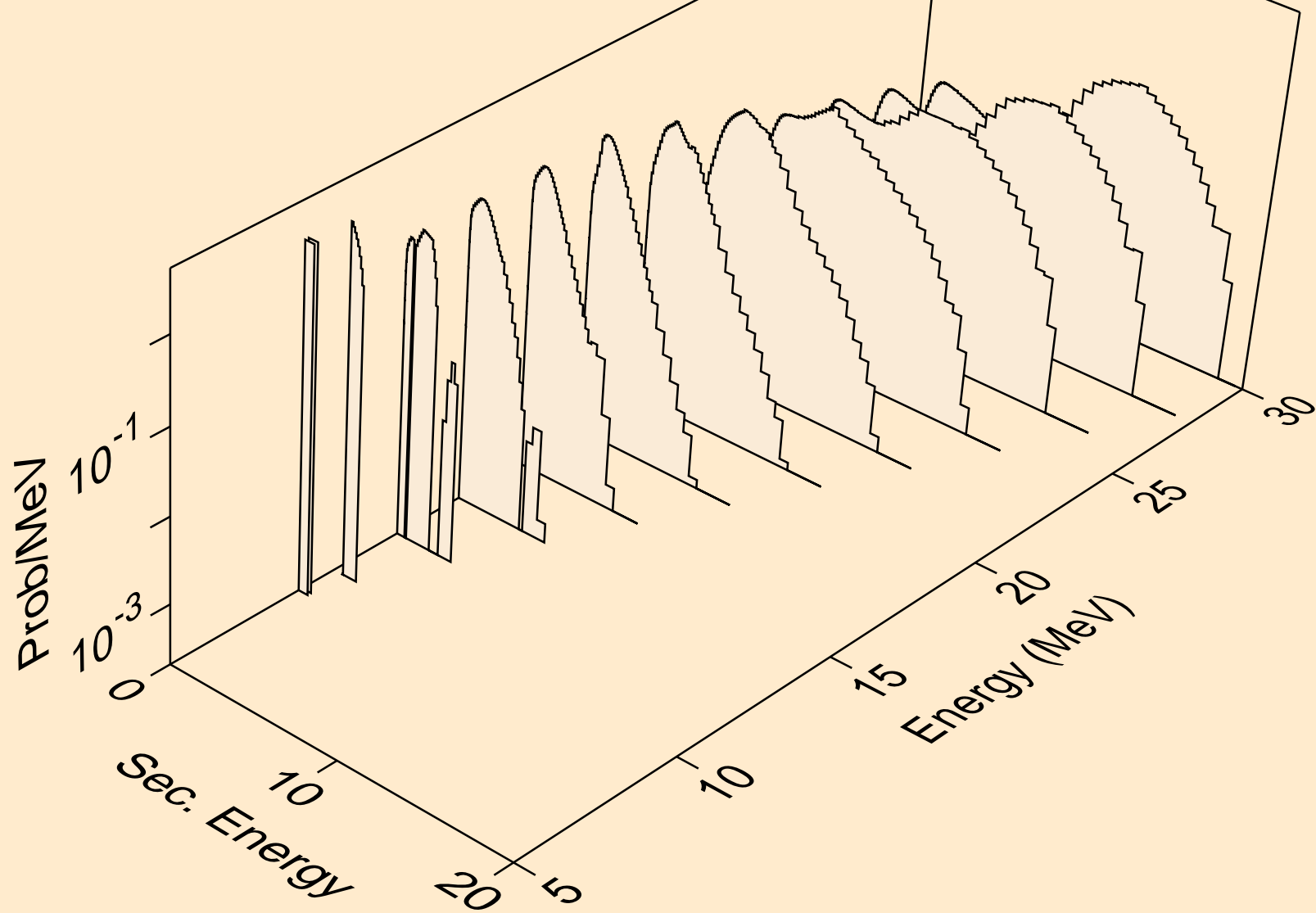
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Recoil Heating



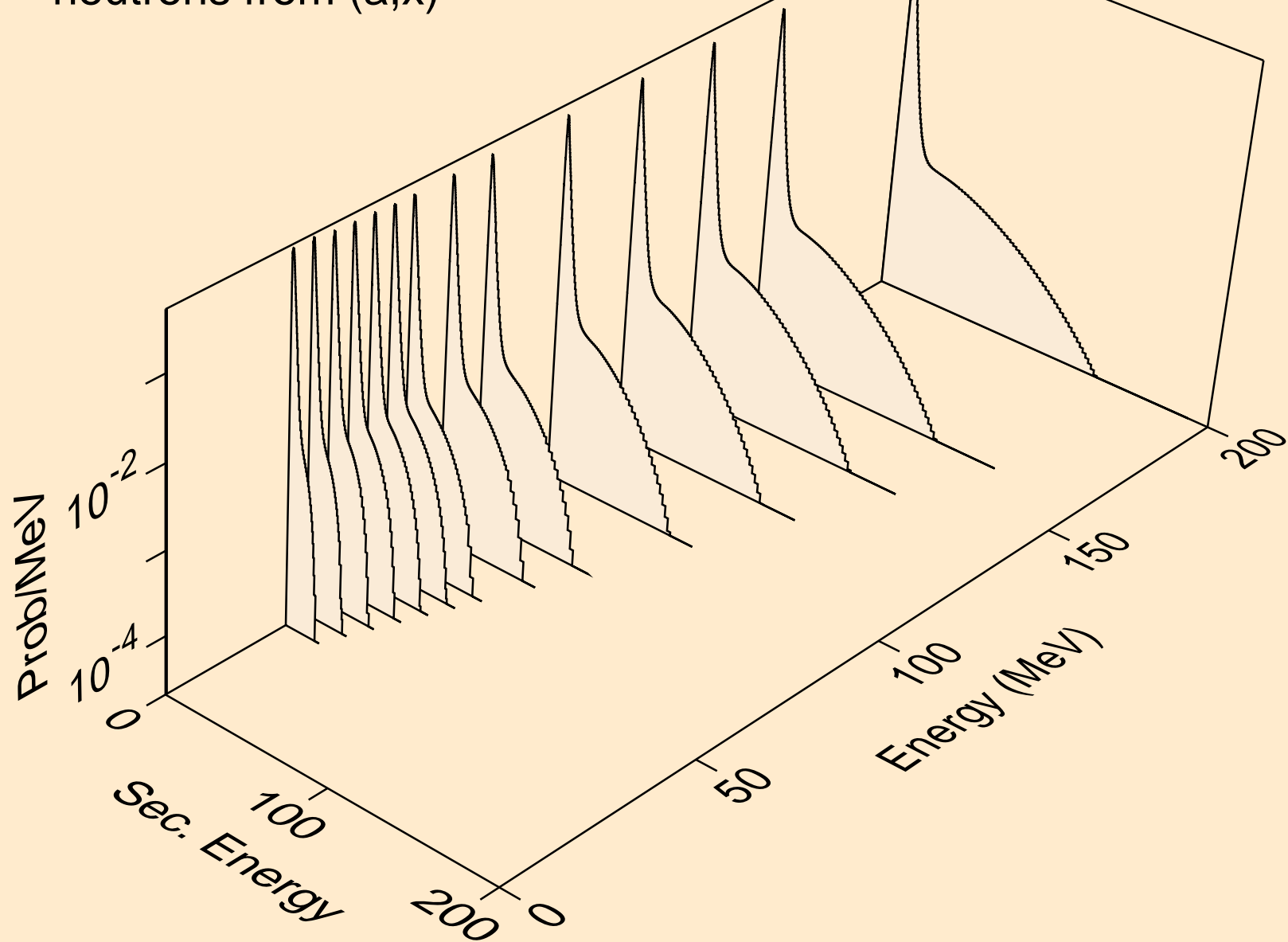
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



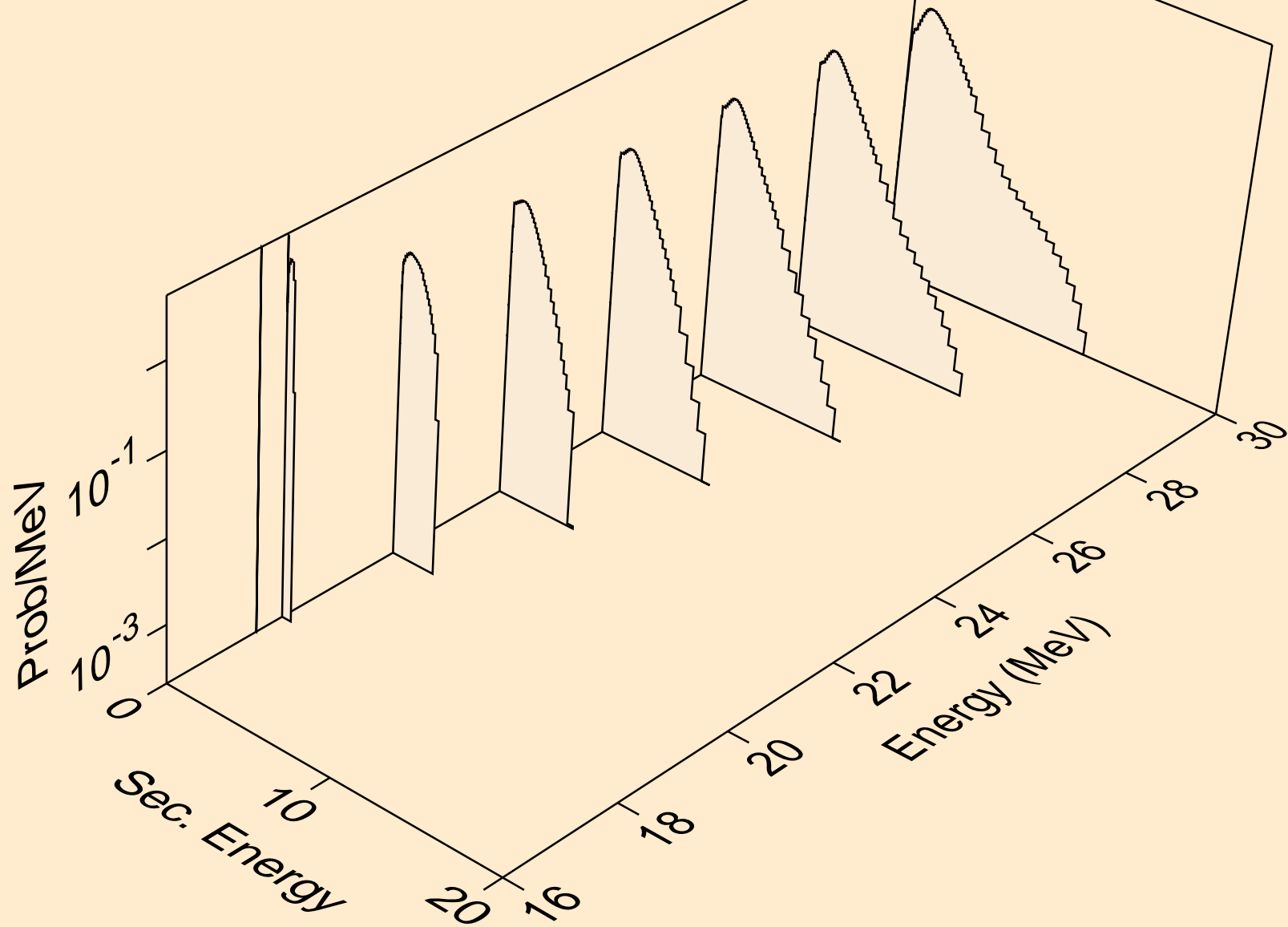
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



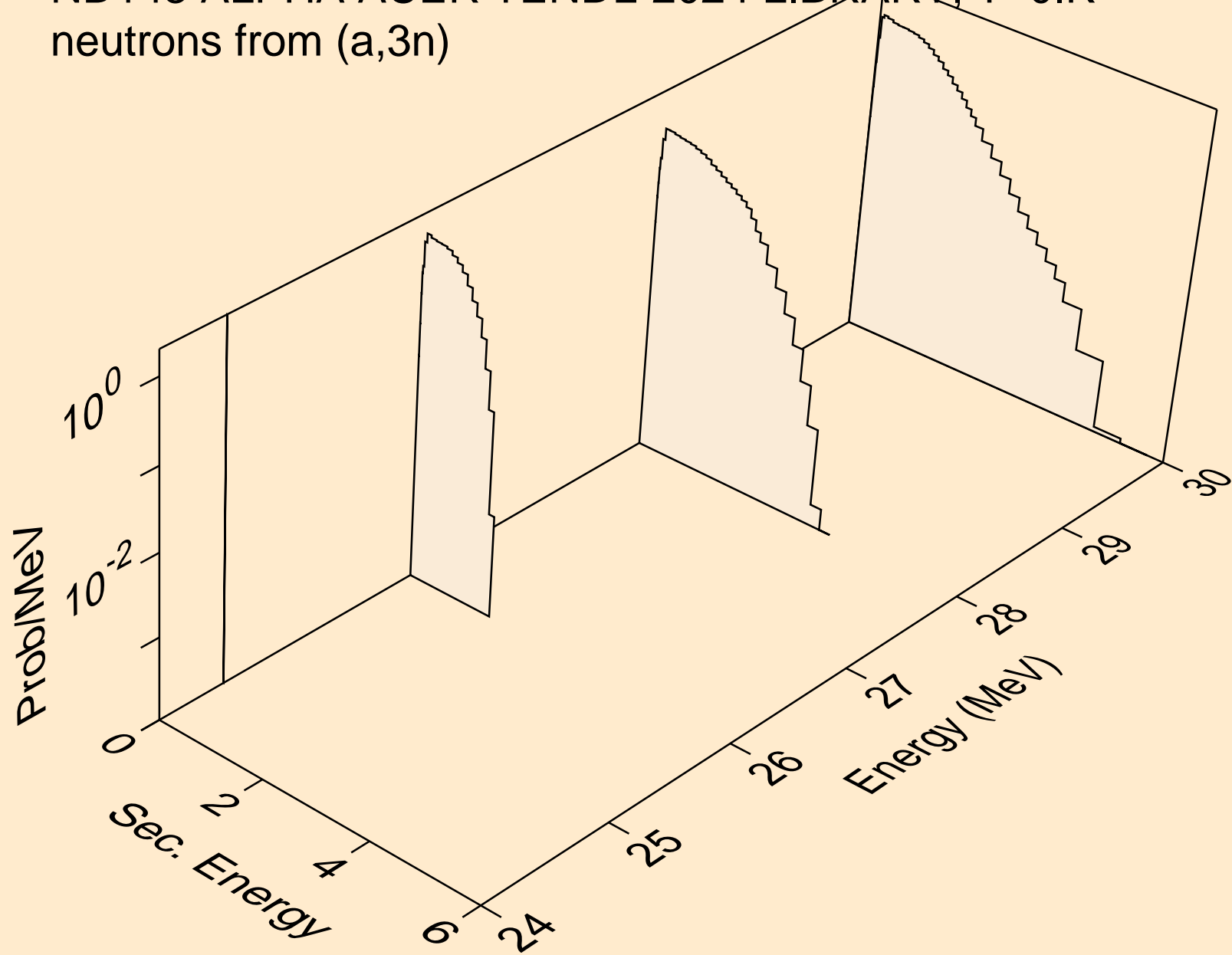
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
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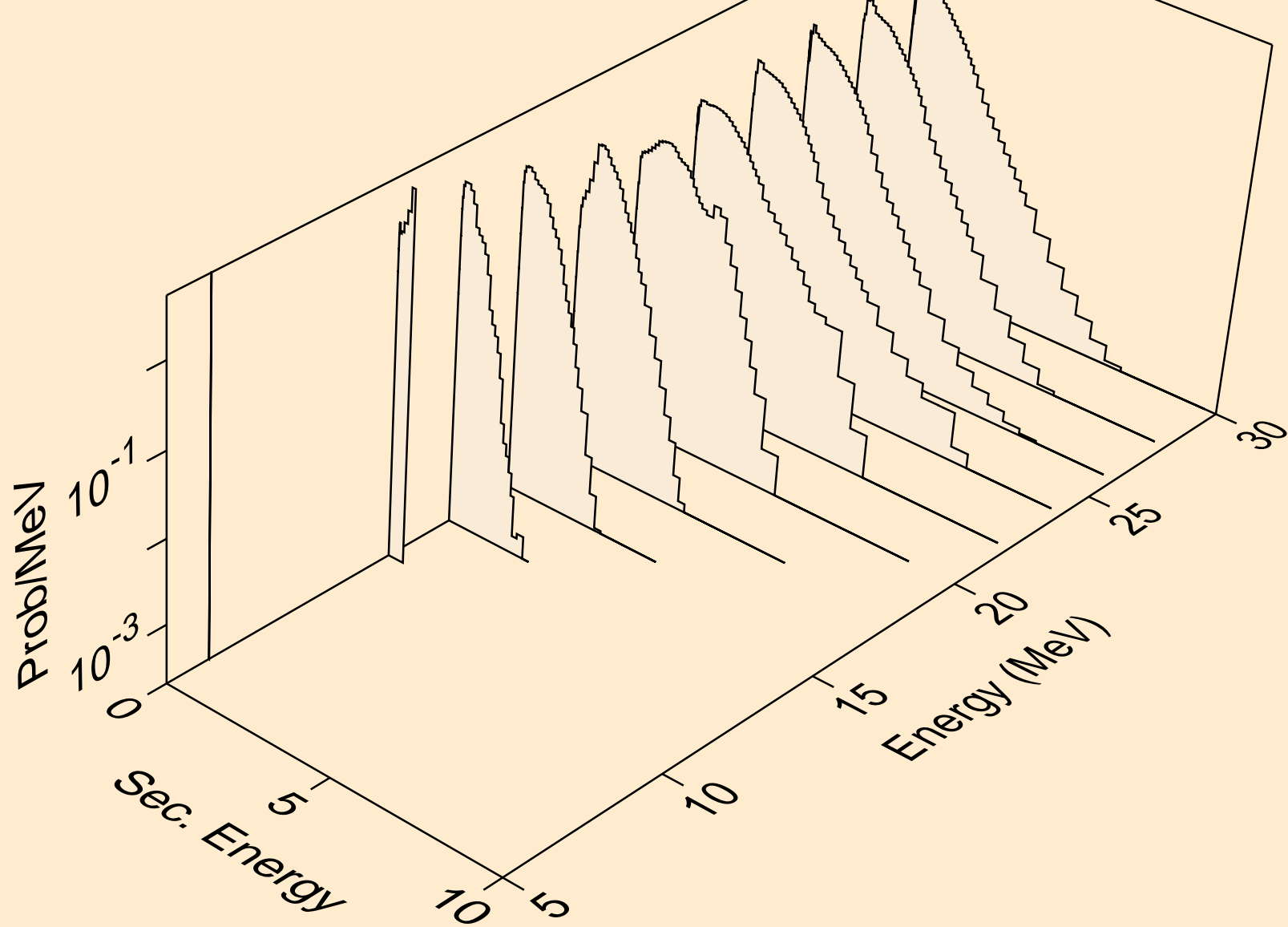
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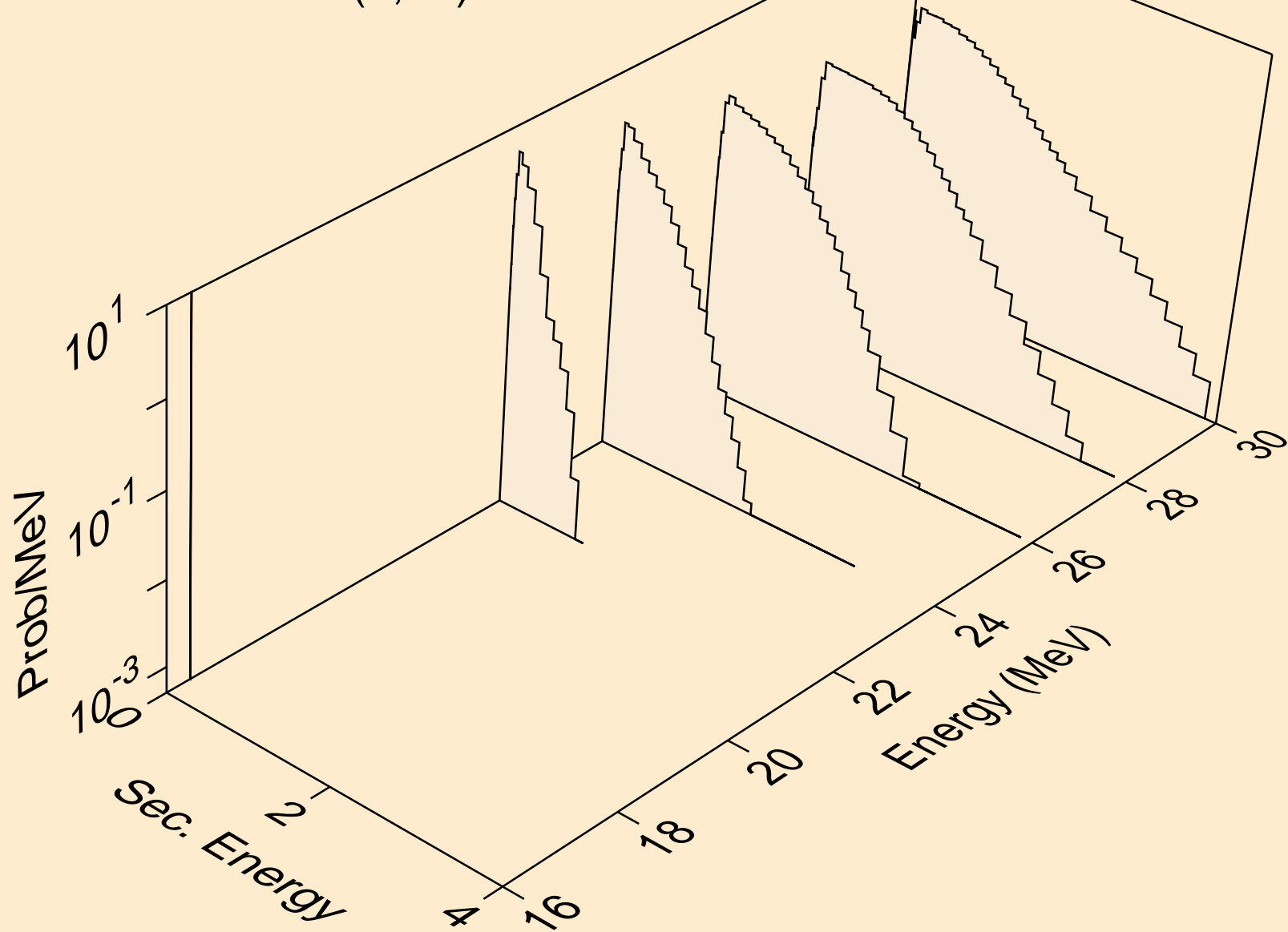
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neutrons from (a,3n)



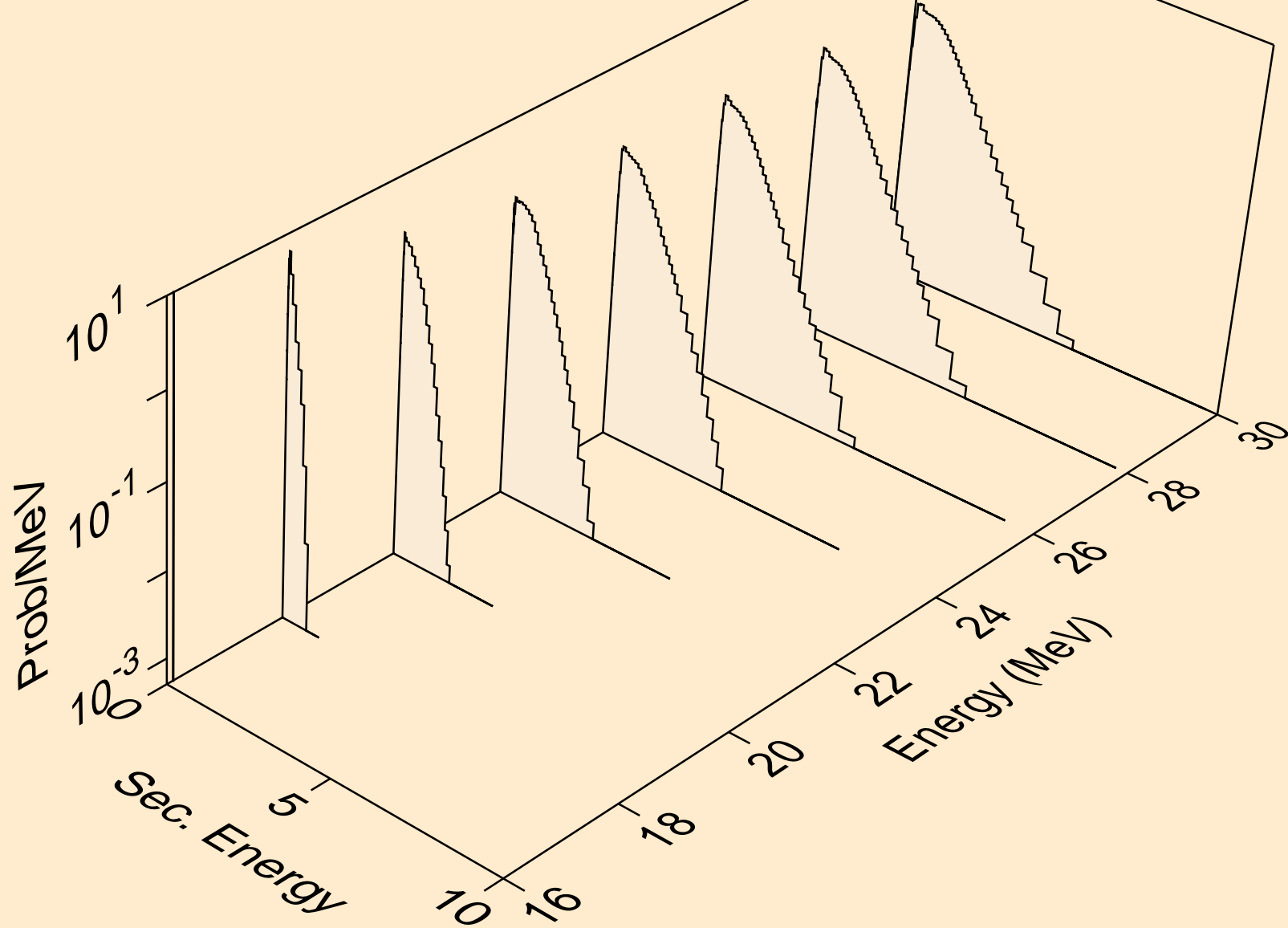
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



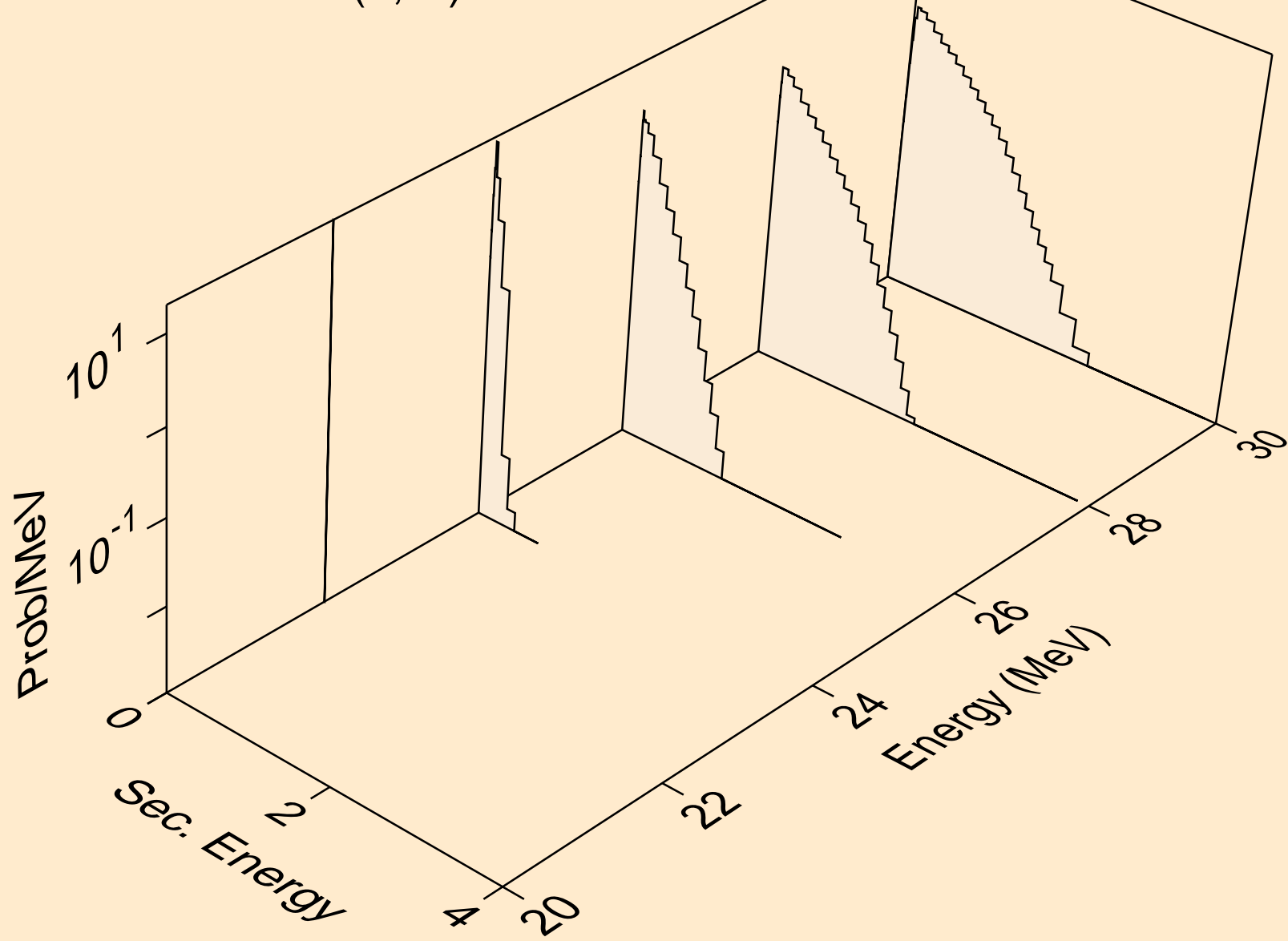
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neutrons from (a,2n)a



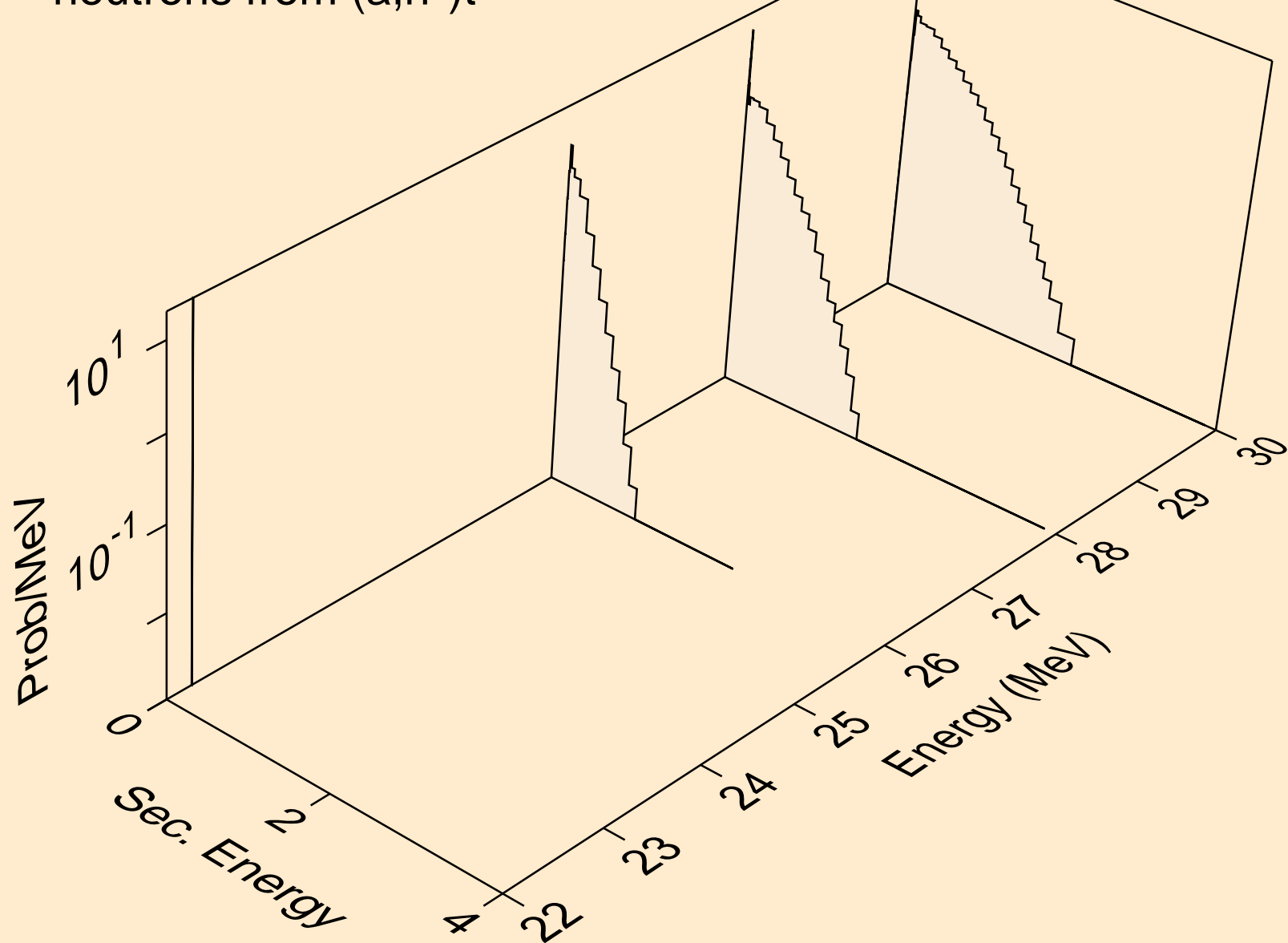
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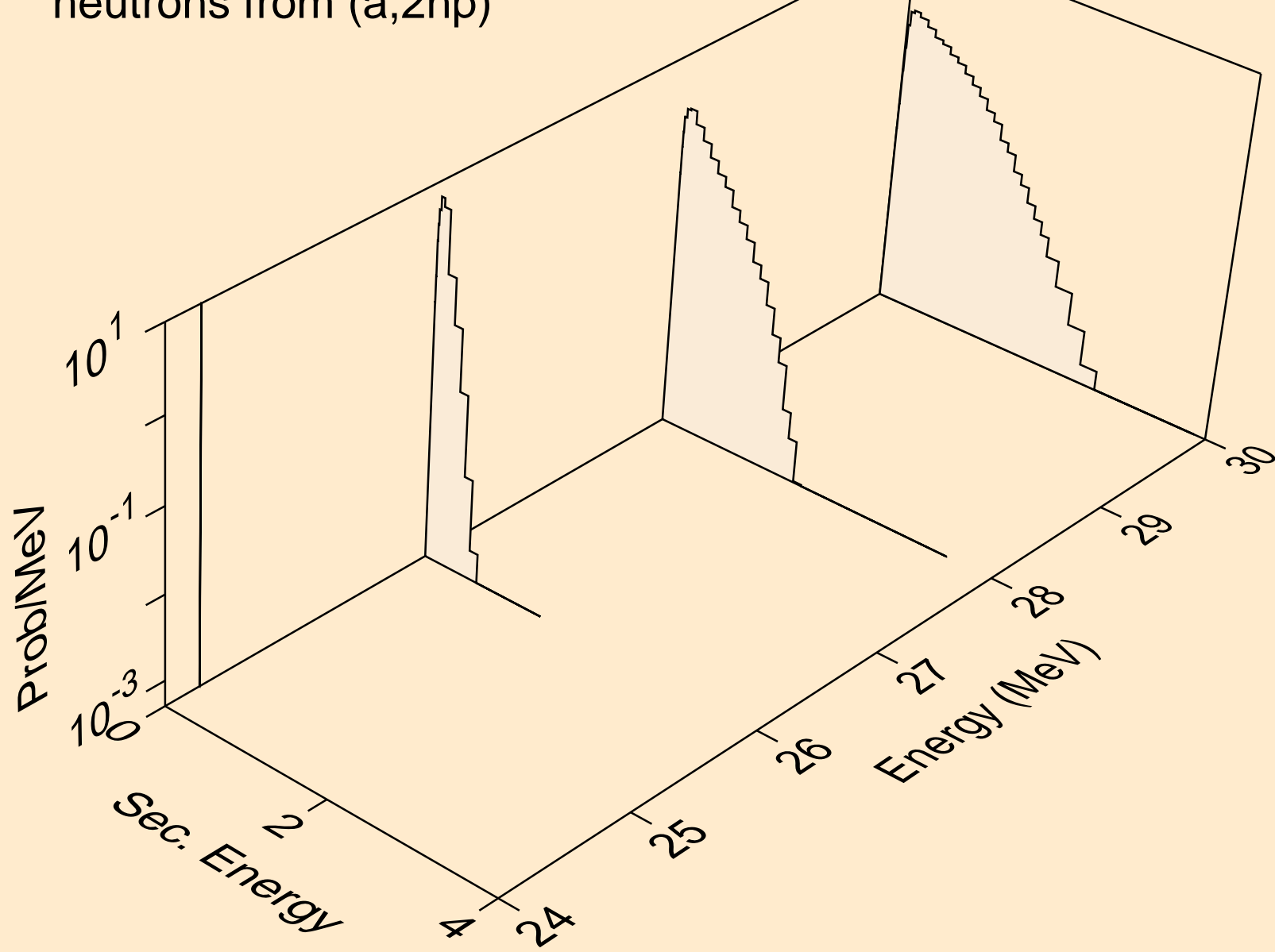
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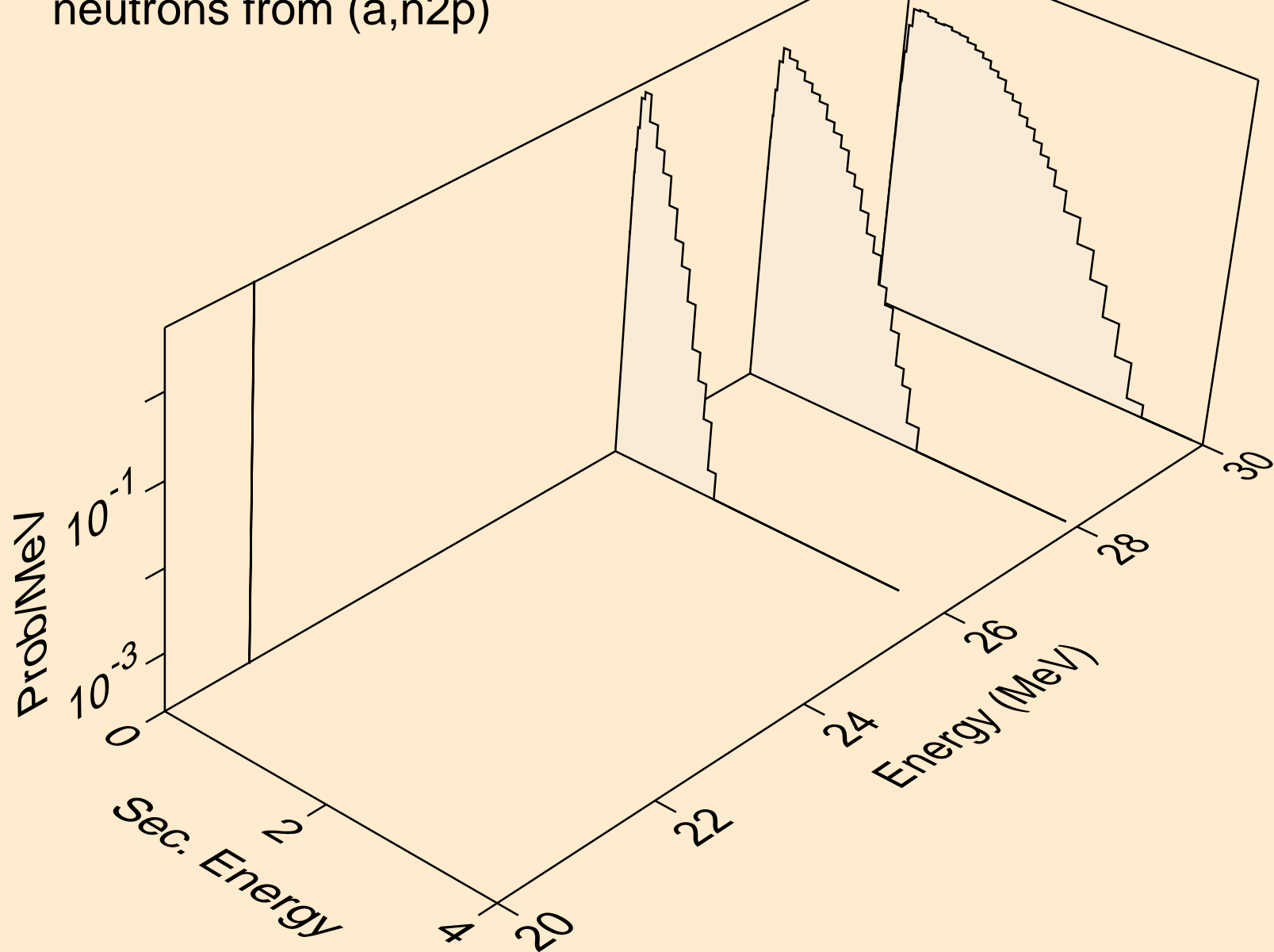
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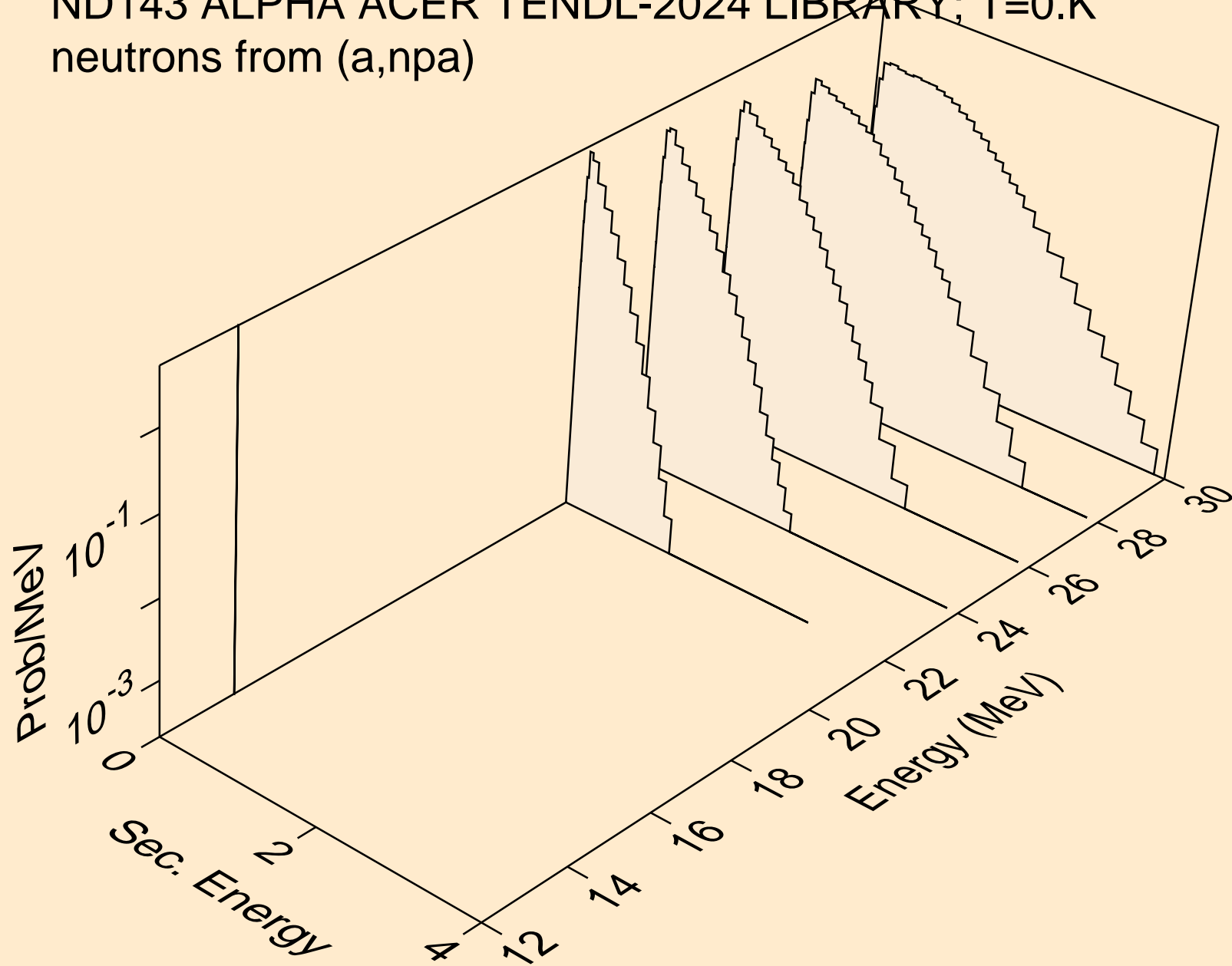
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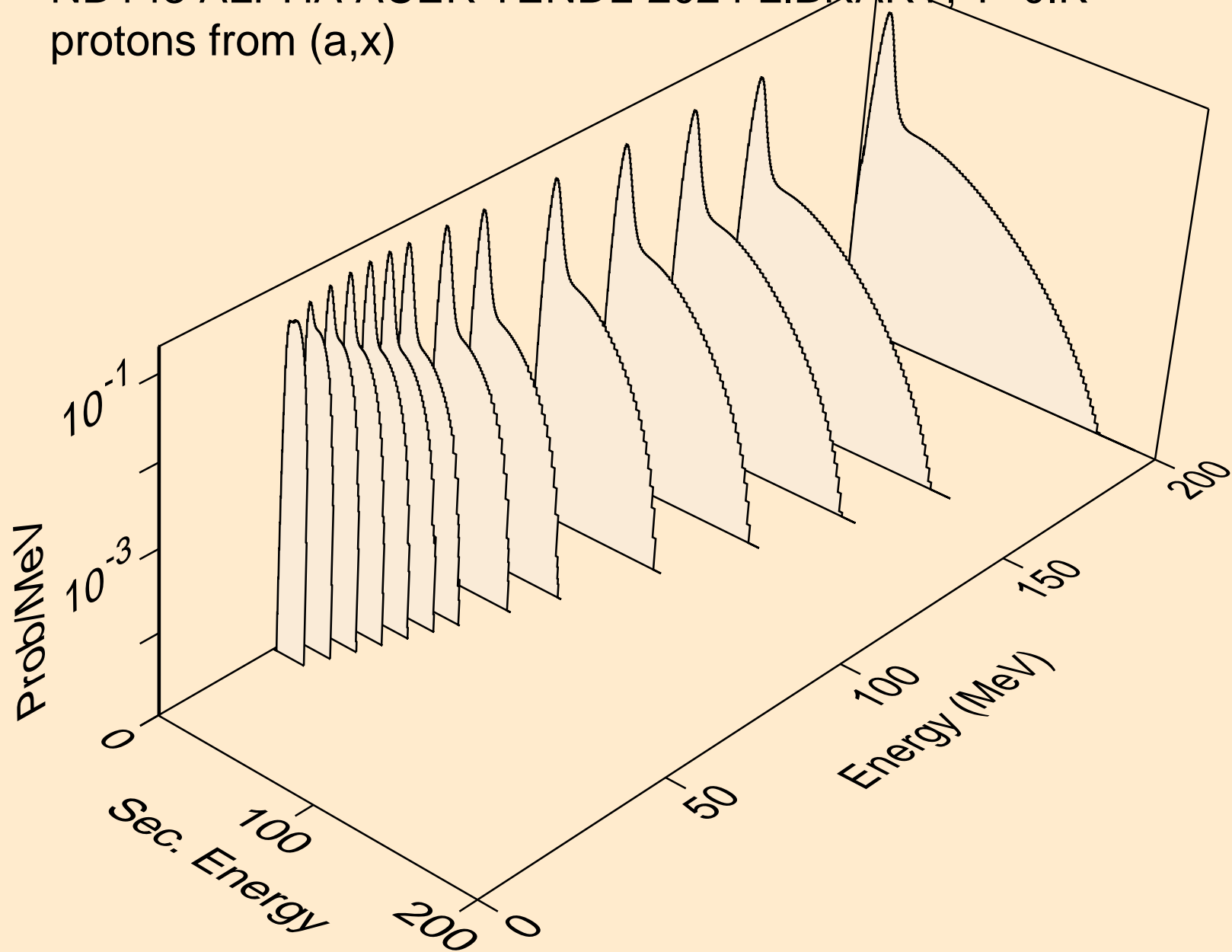
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neutrons from (a,n2p)



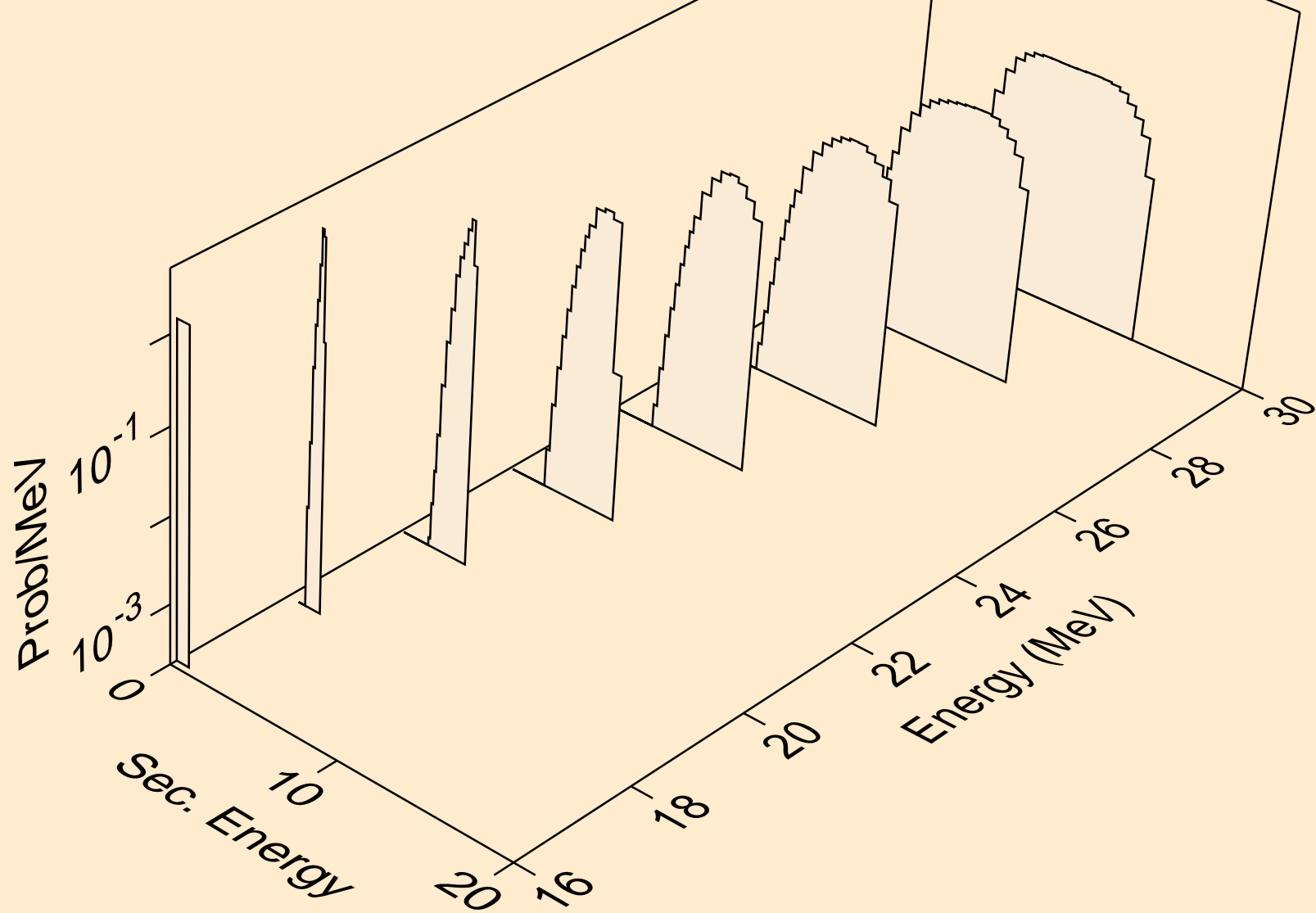
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neutrons from (a,npa)



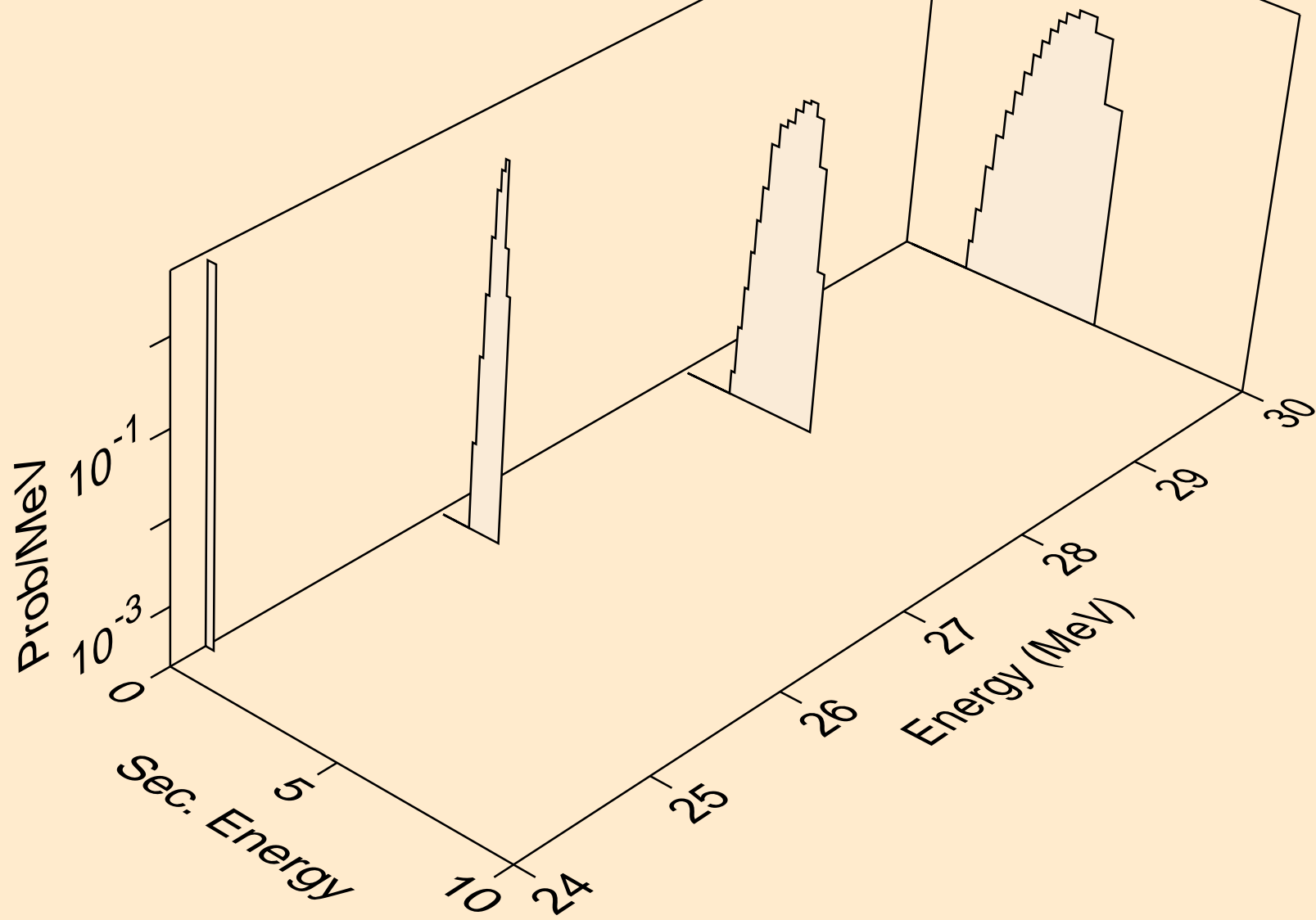
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protons from (a,x)



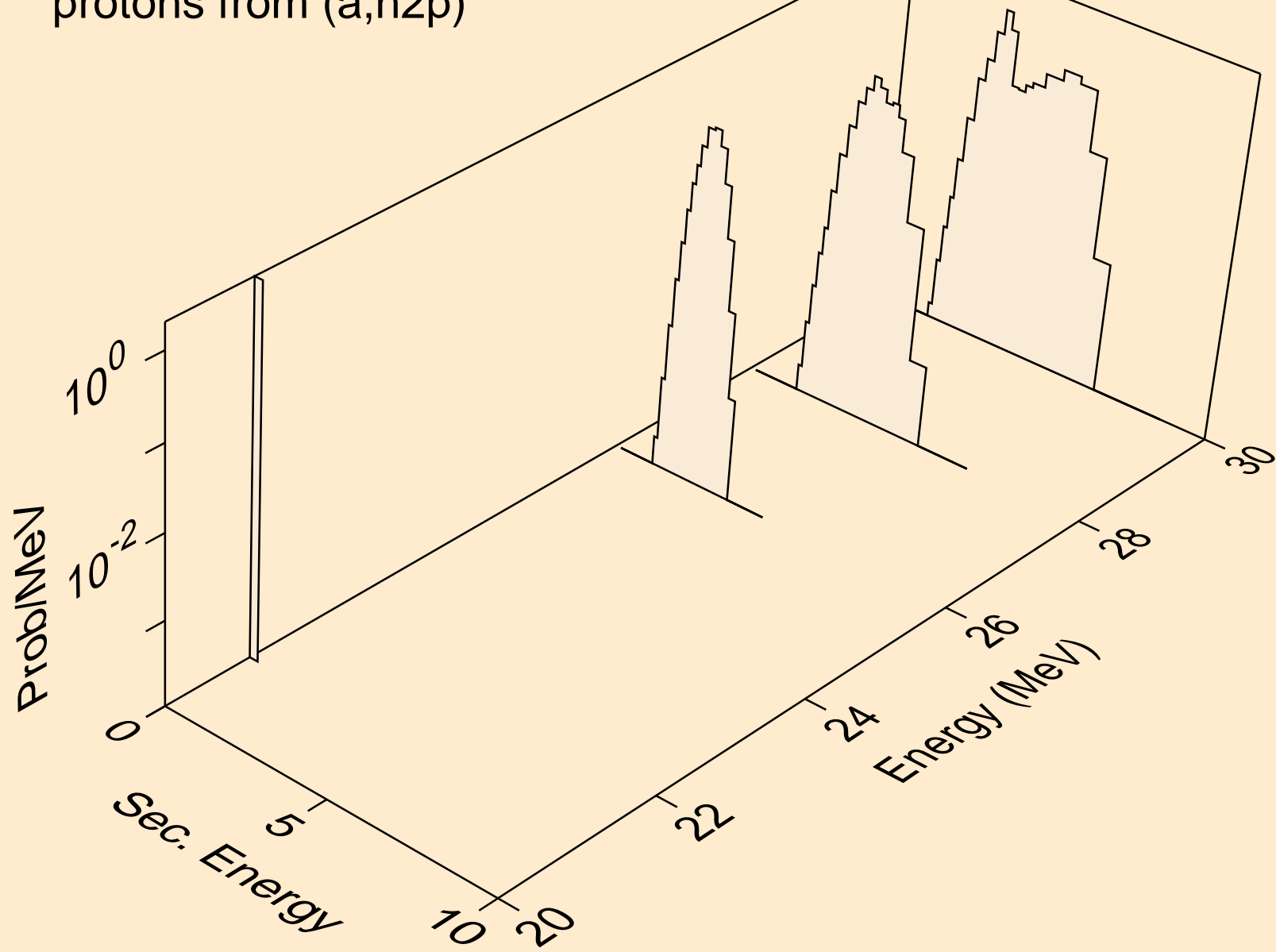
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protons from (a,n\*)p



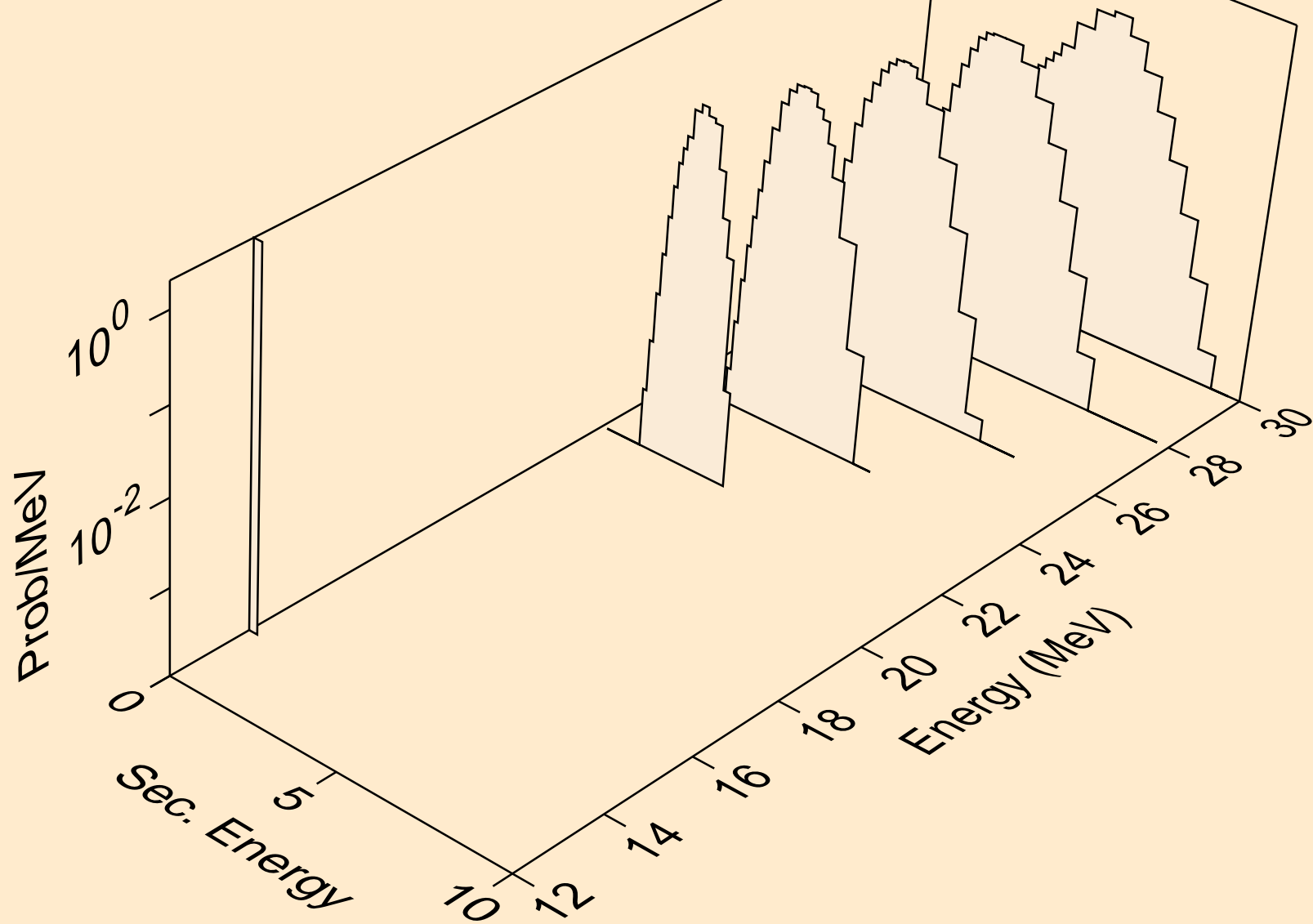
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protons from (a,2np)



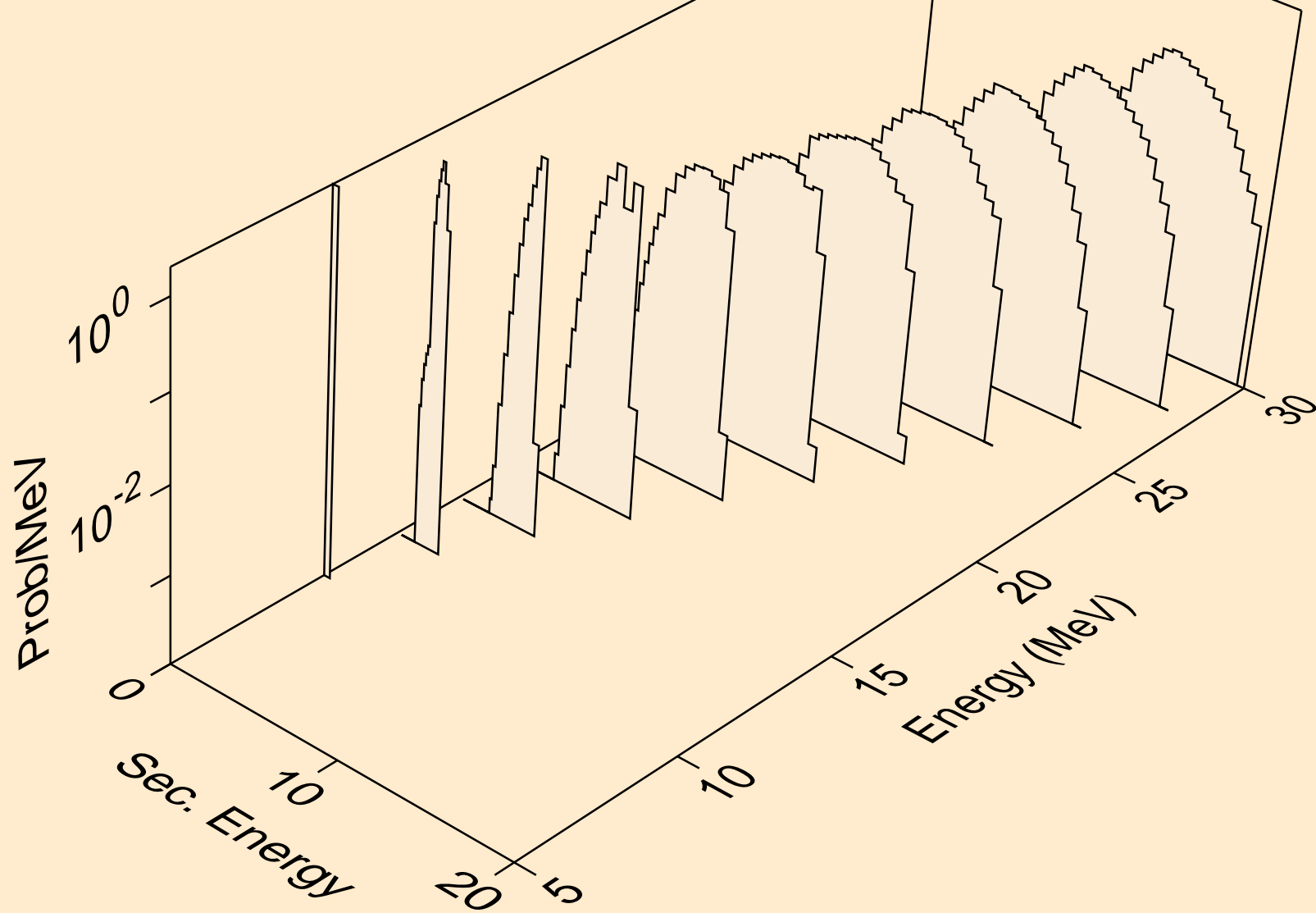
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protons from (a,n2p)



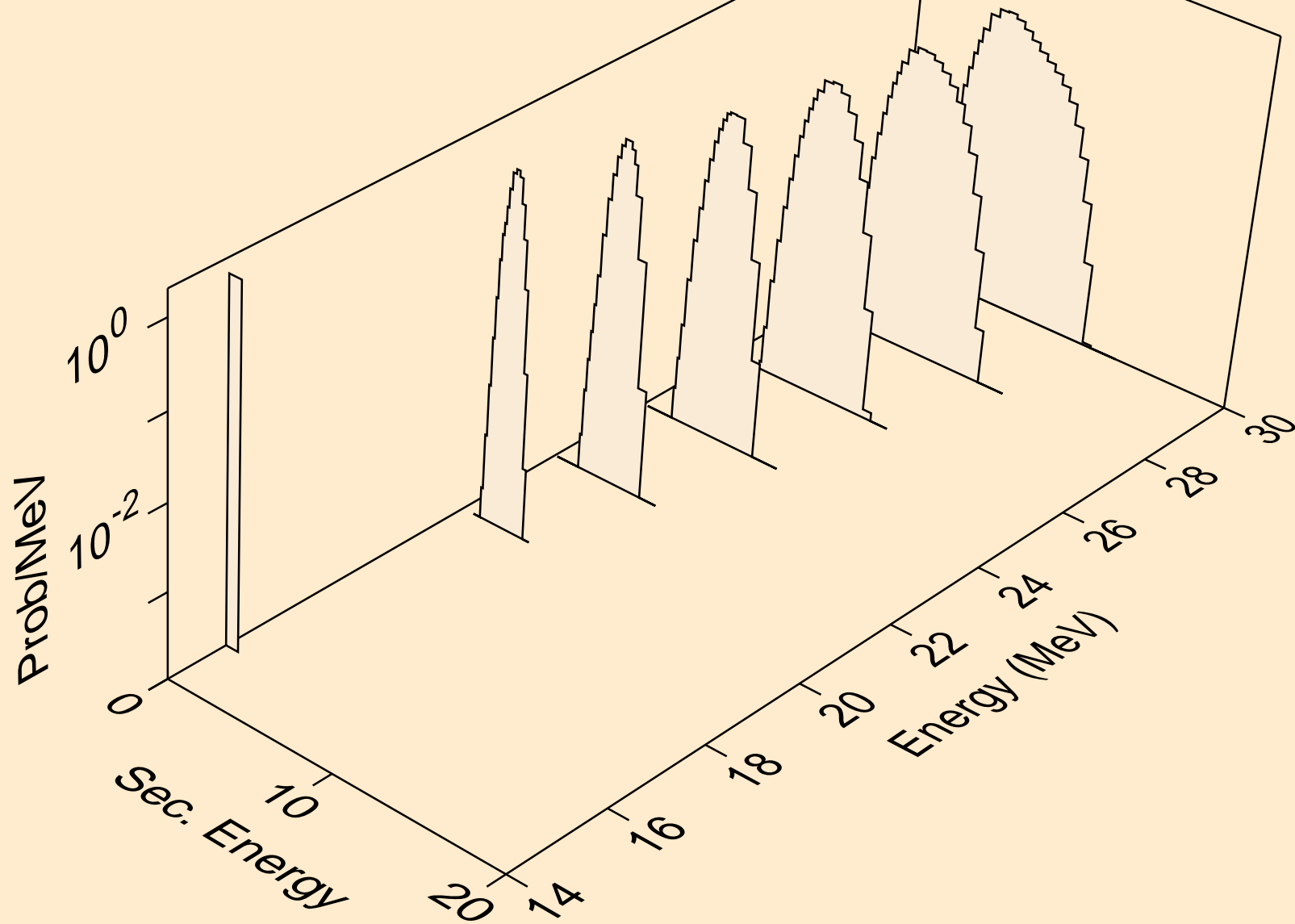
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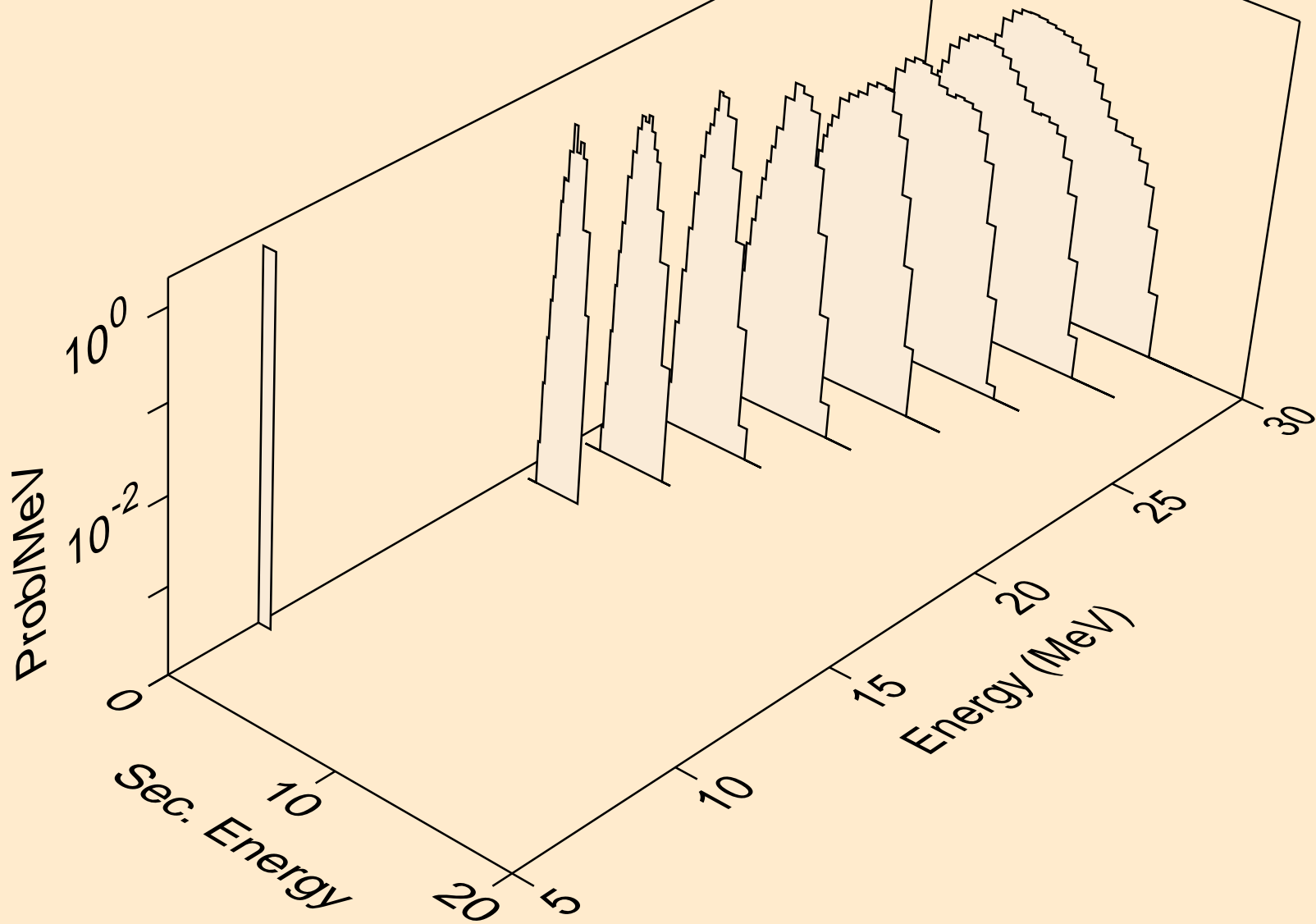
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protons from (a,p)



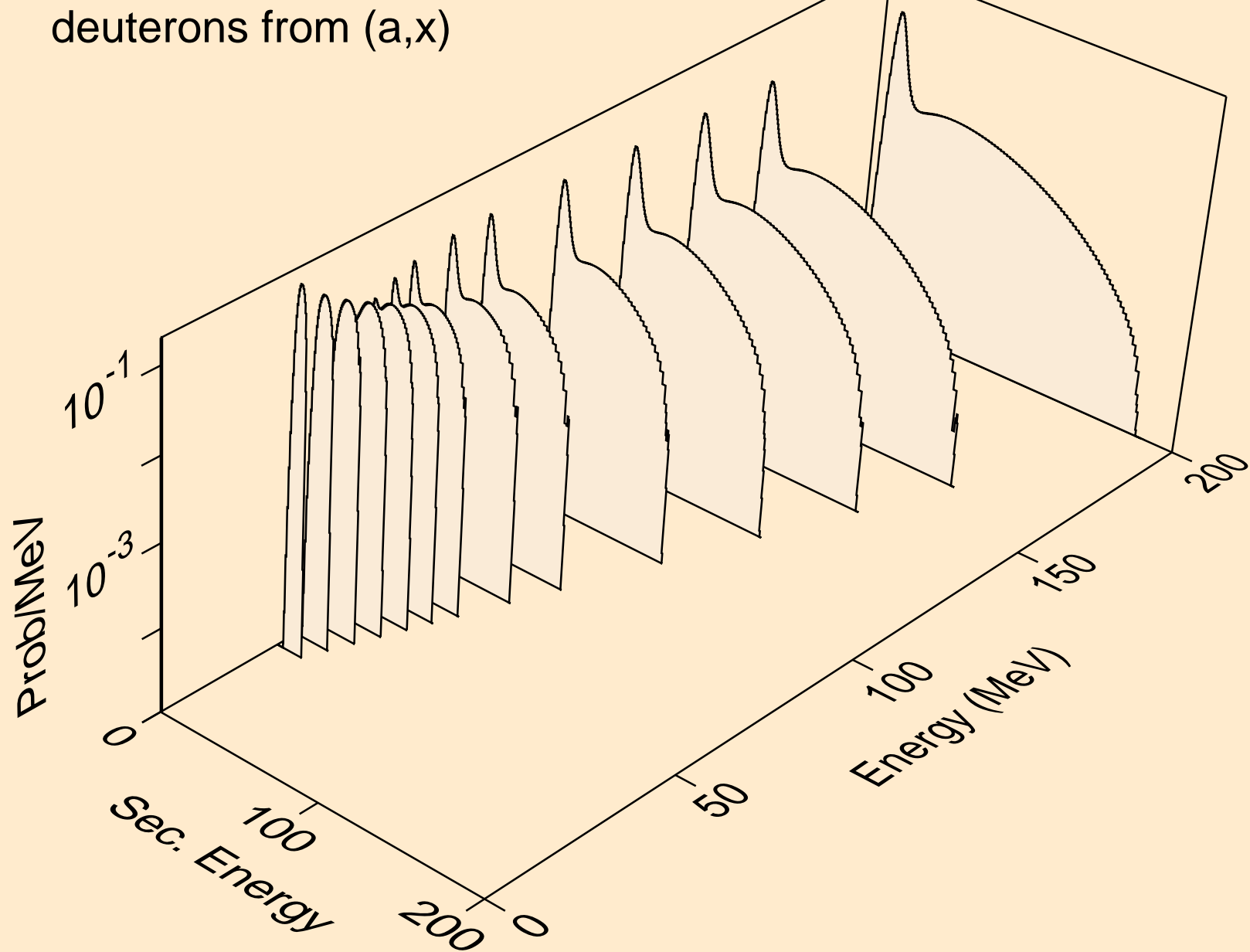
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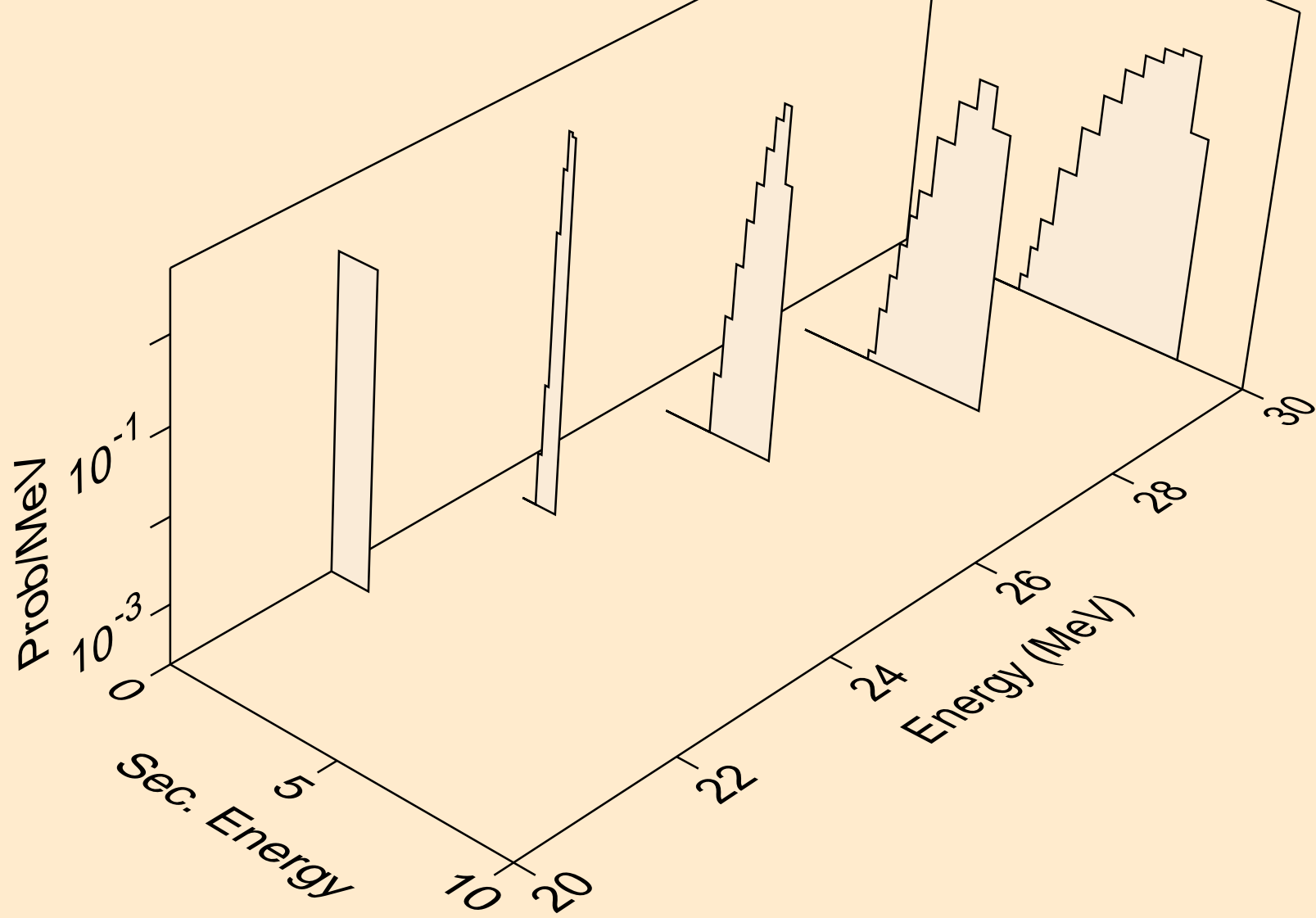
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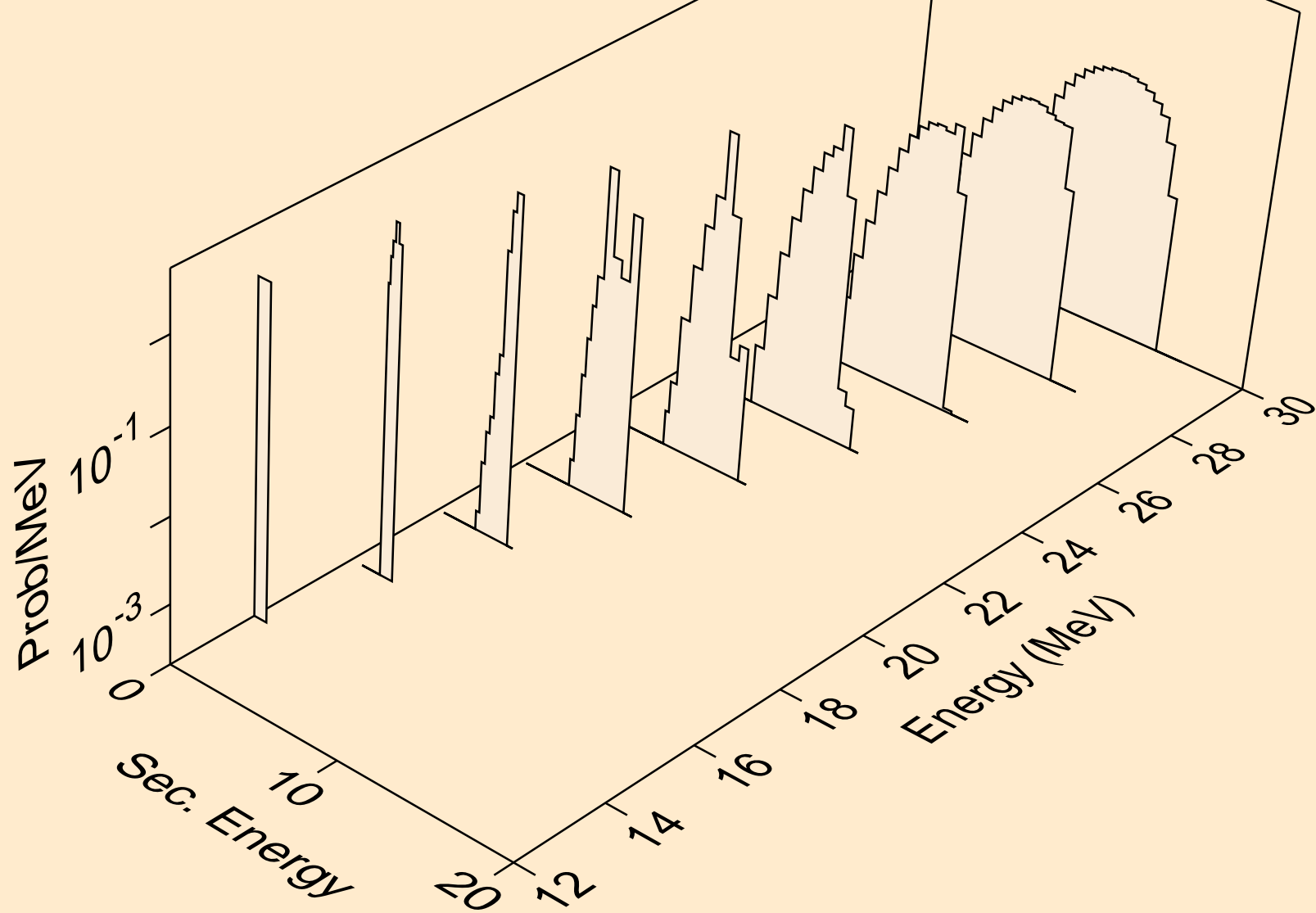
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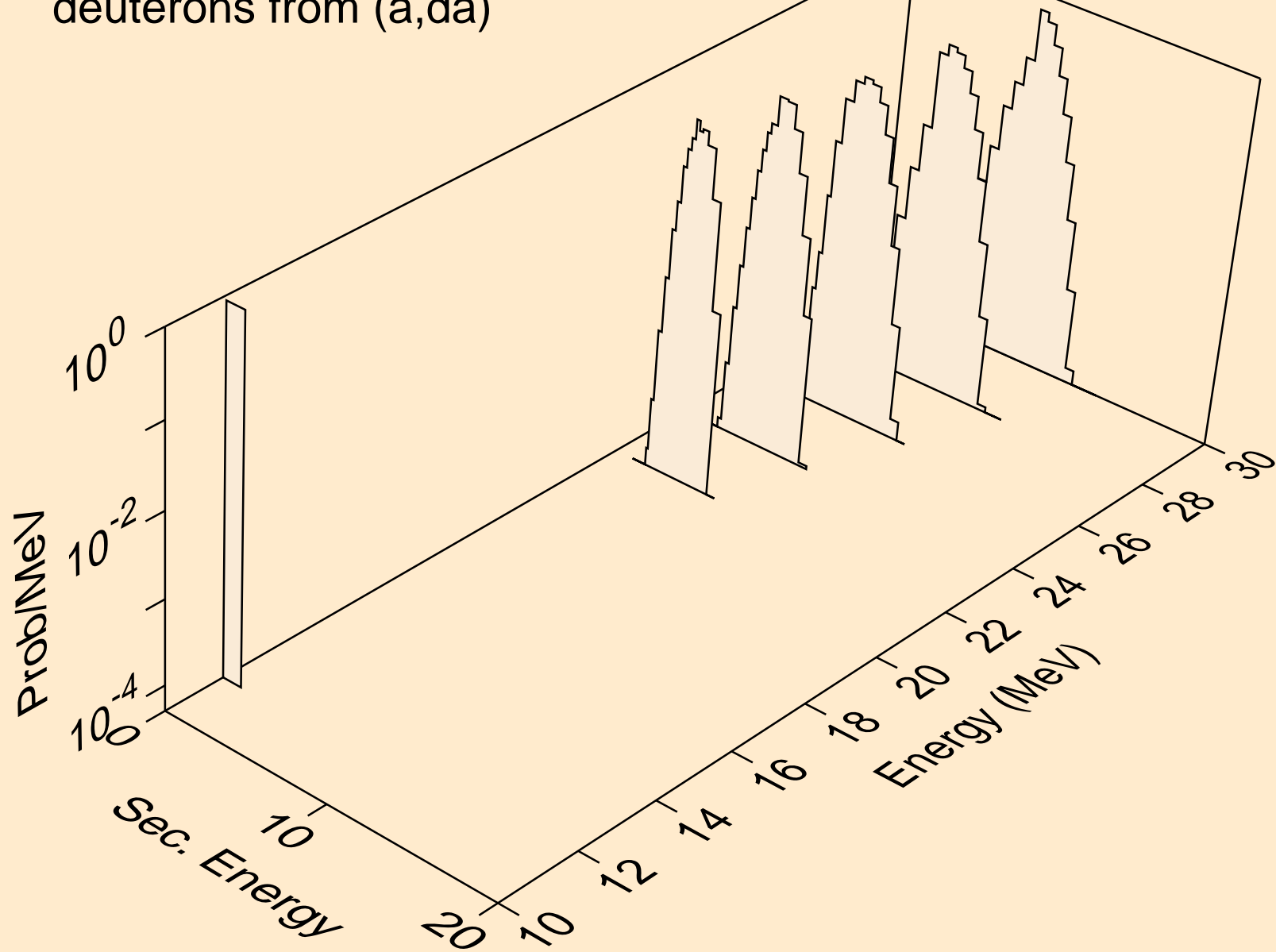
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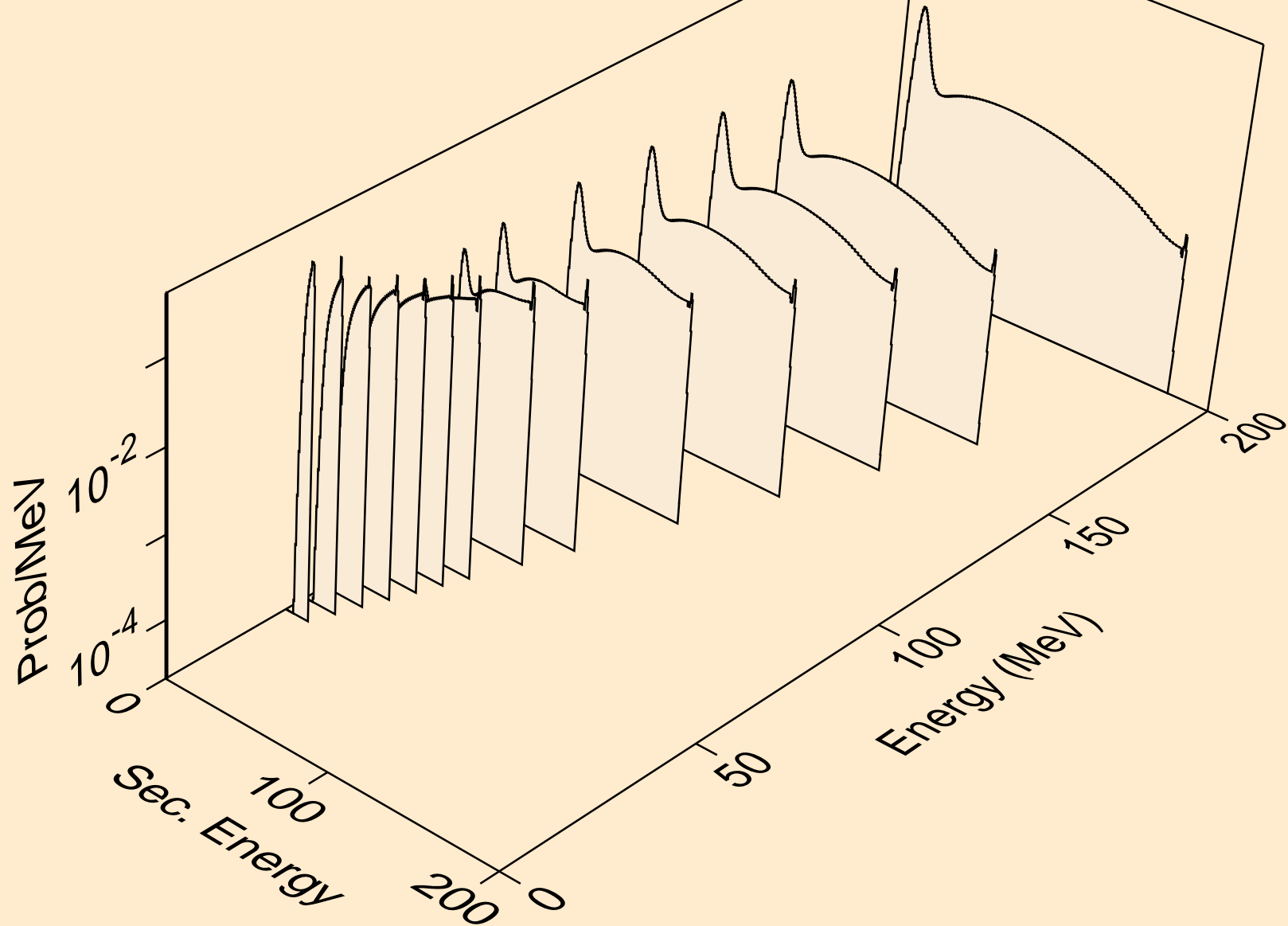
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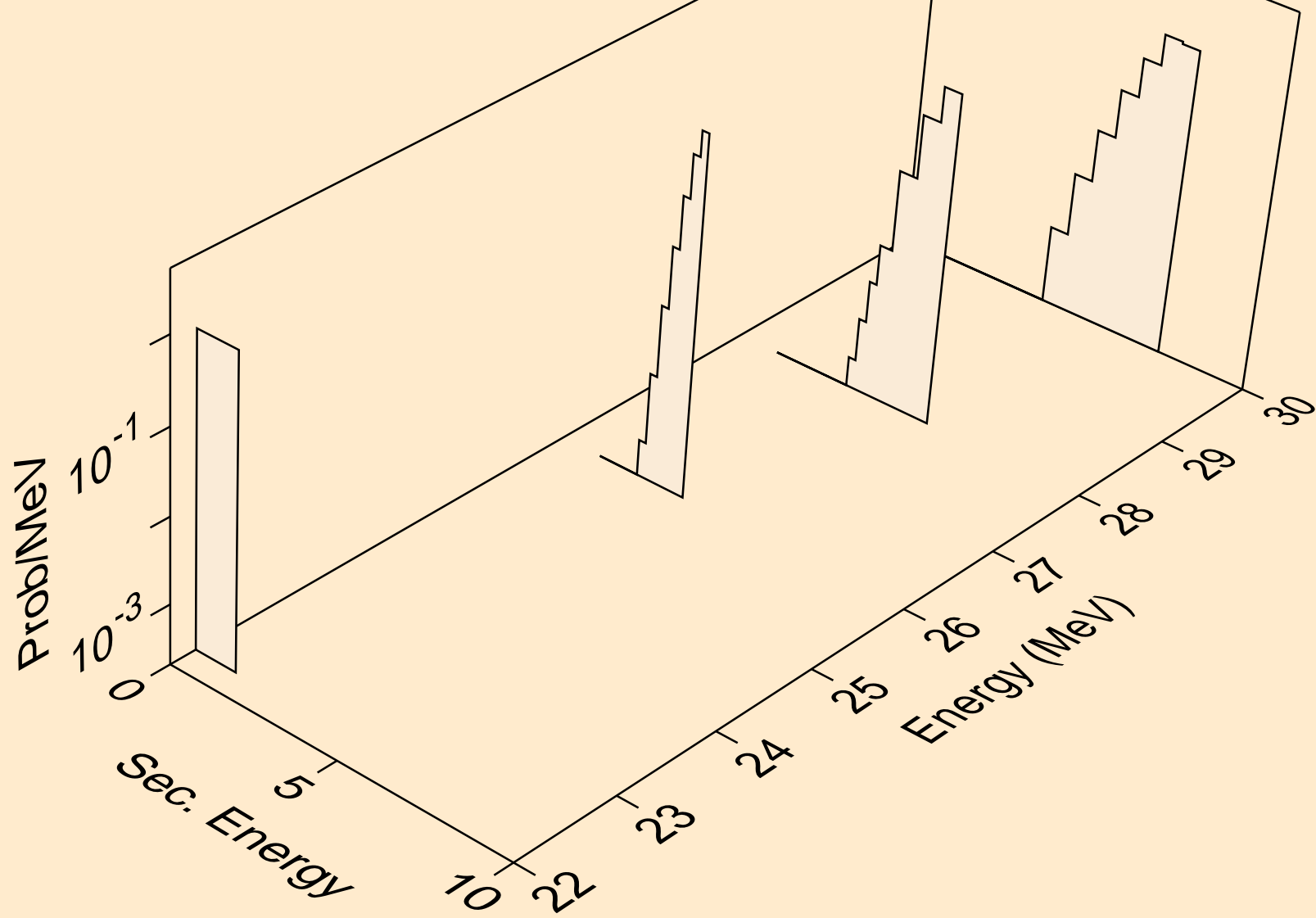
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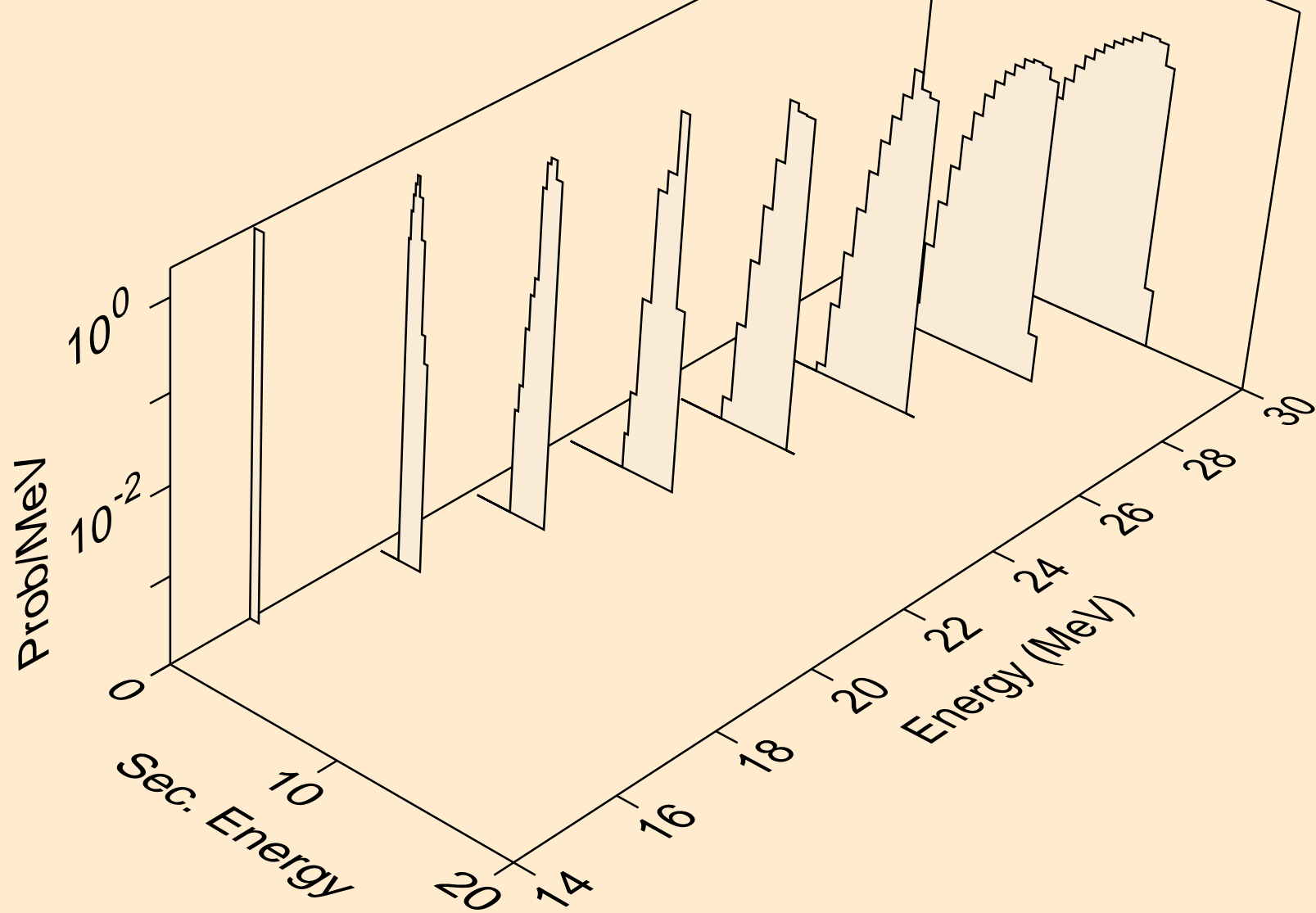
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tritons from (a,x)



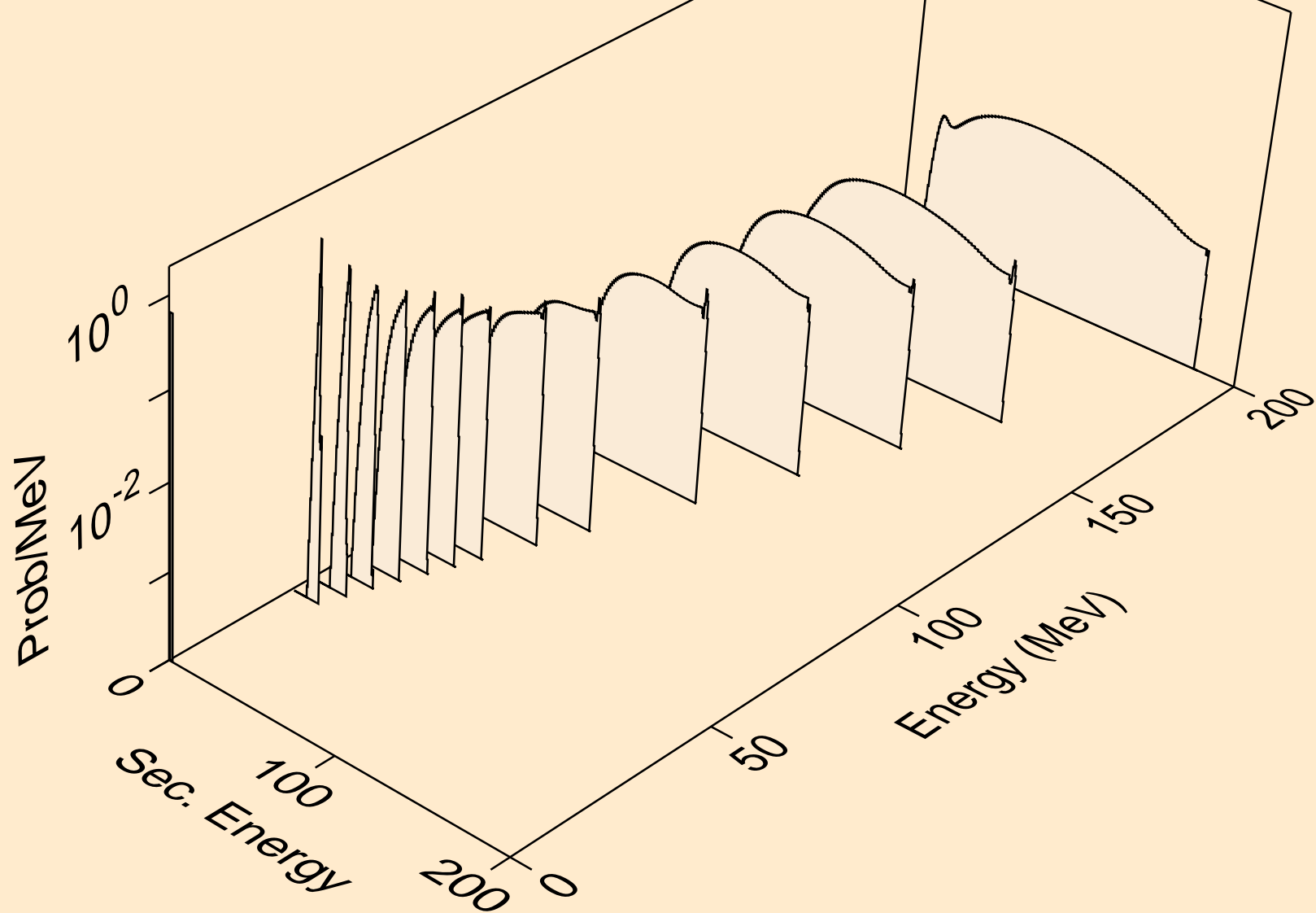
ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



ND143 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

