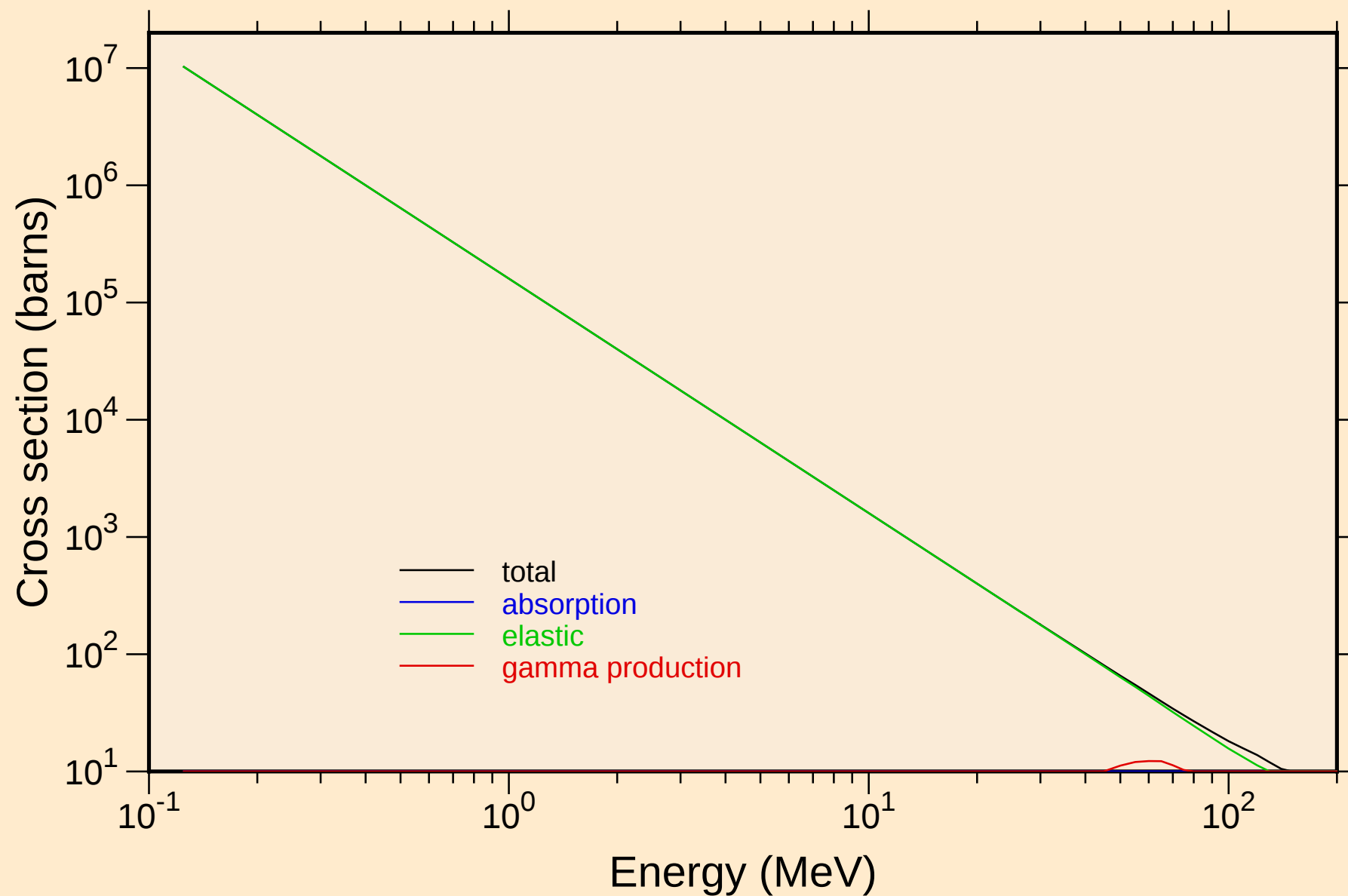


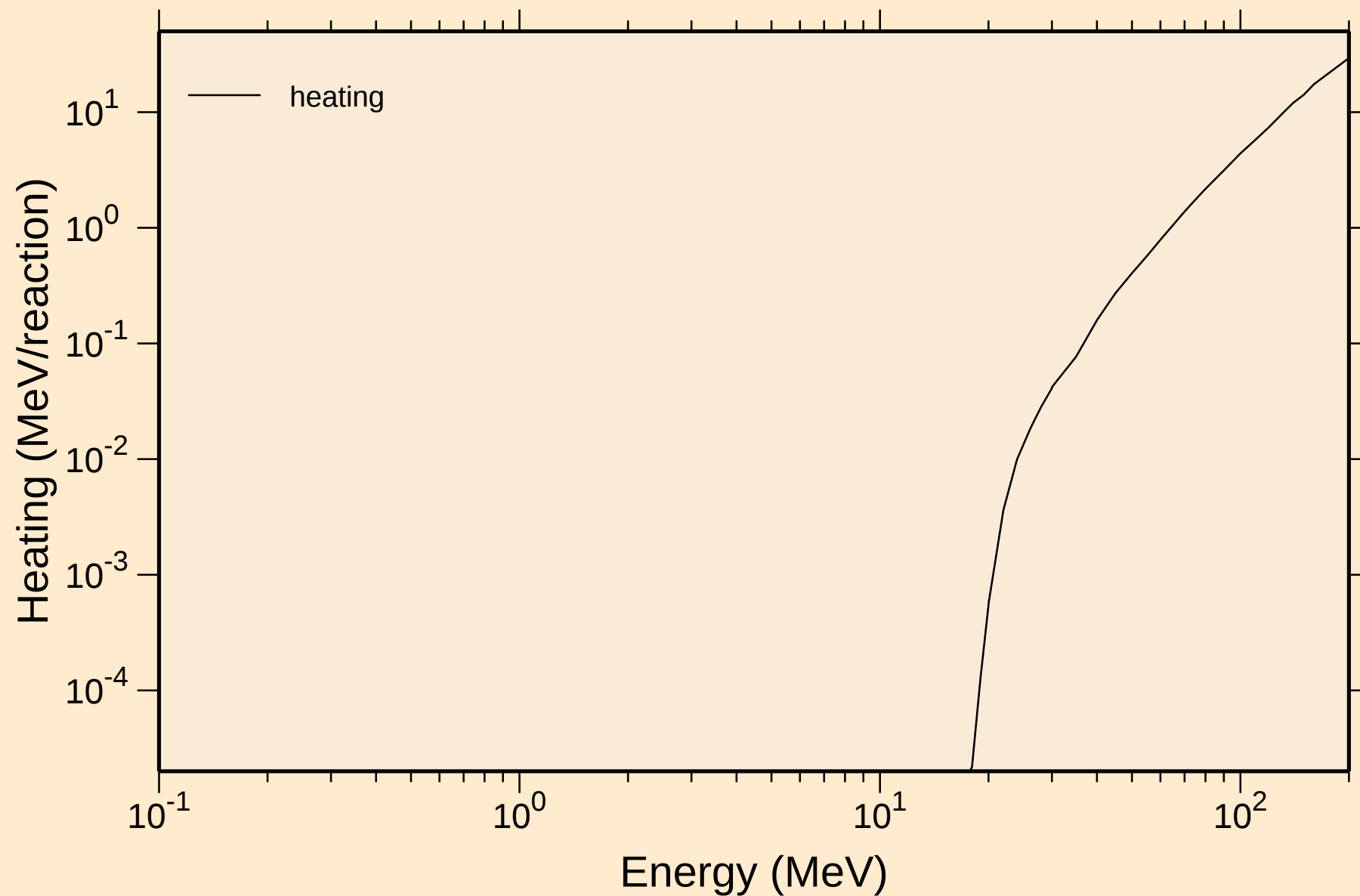
# AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



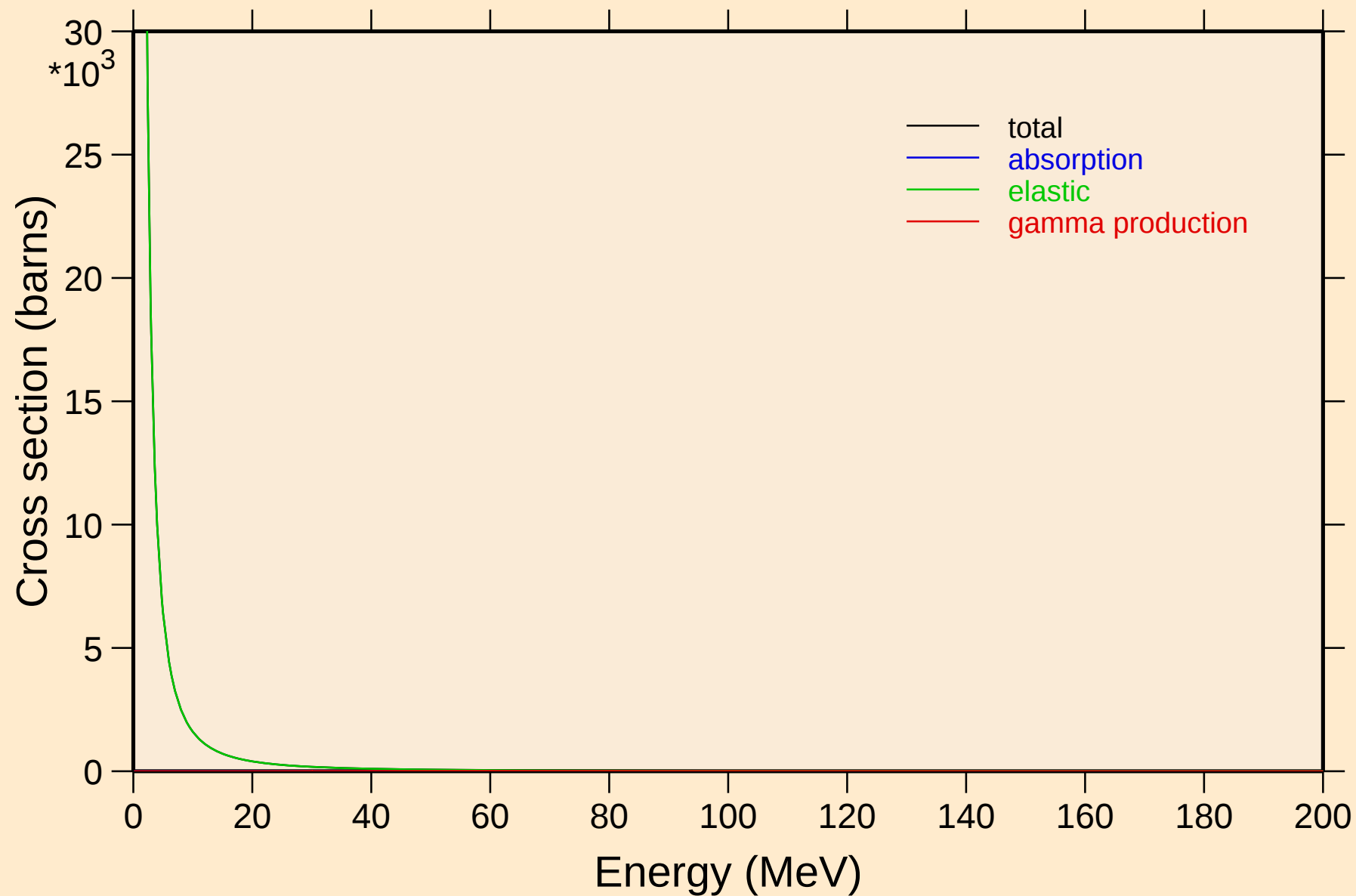
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



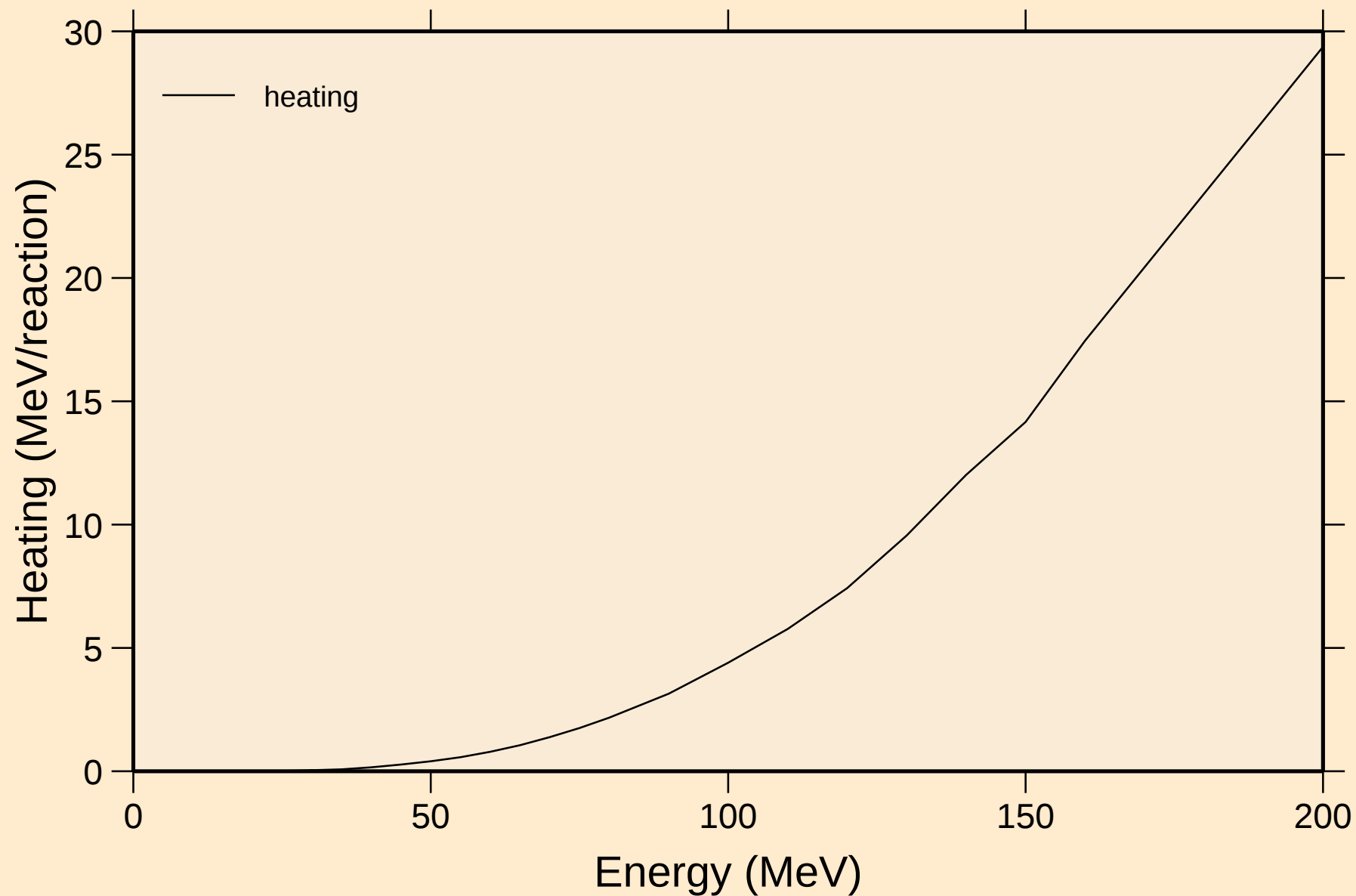
# AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



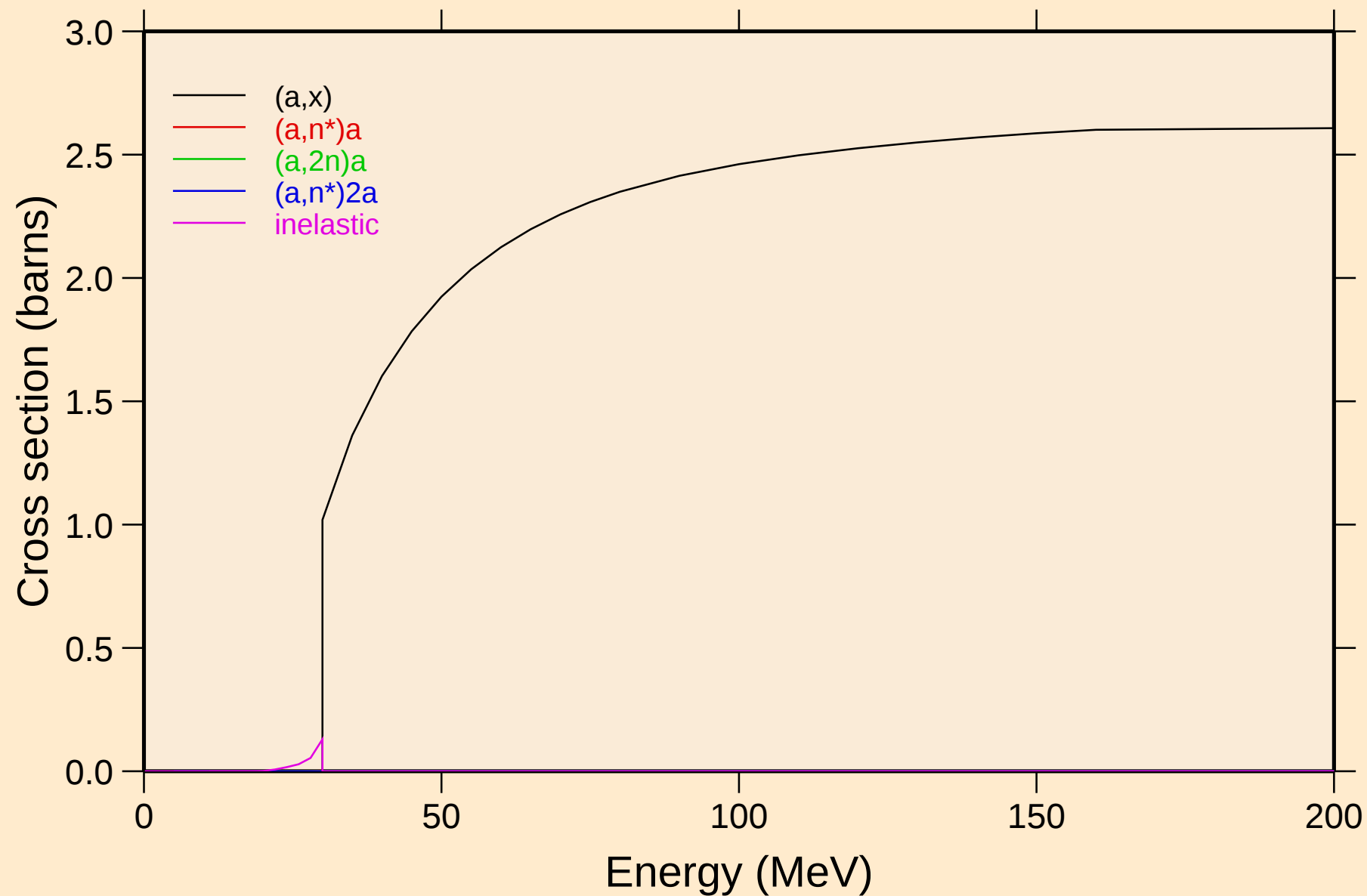
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

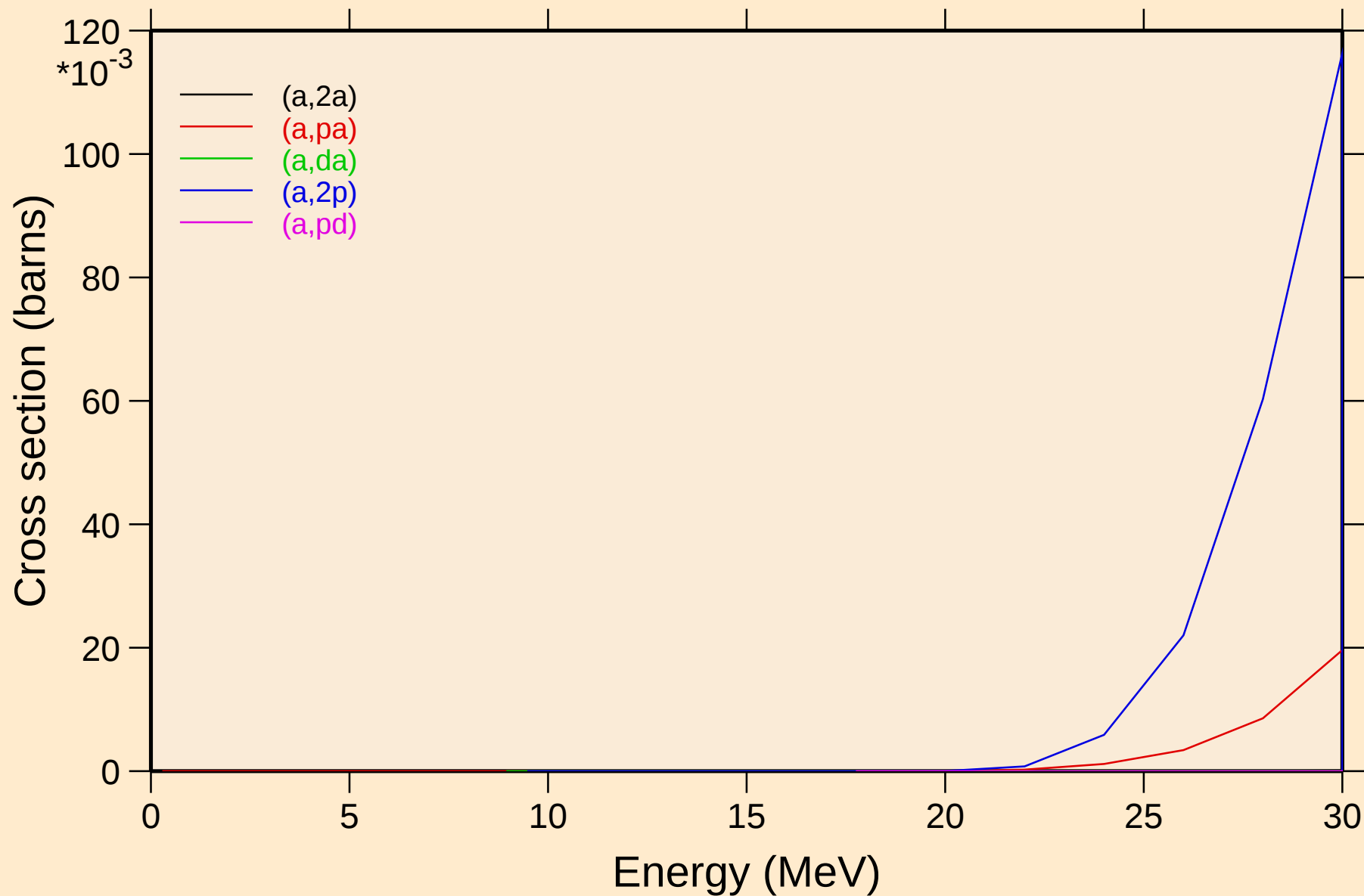


# AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

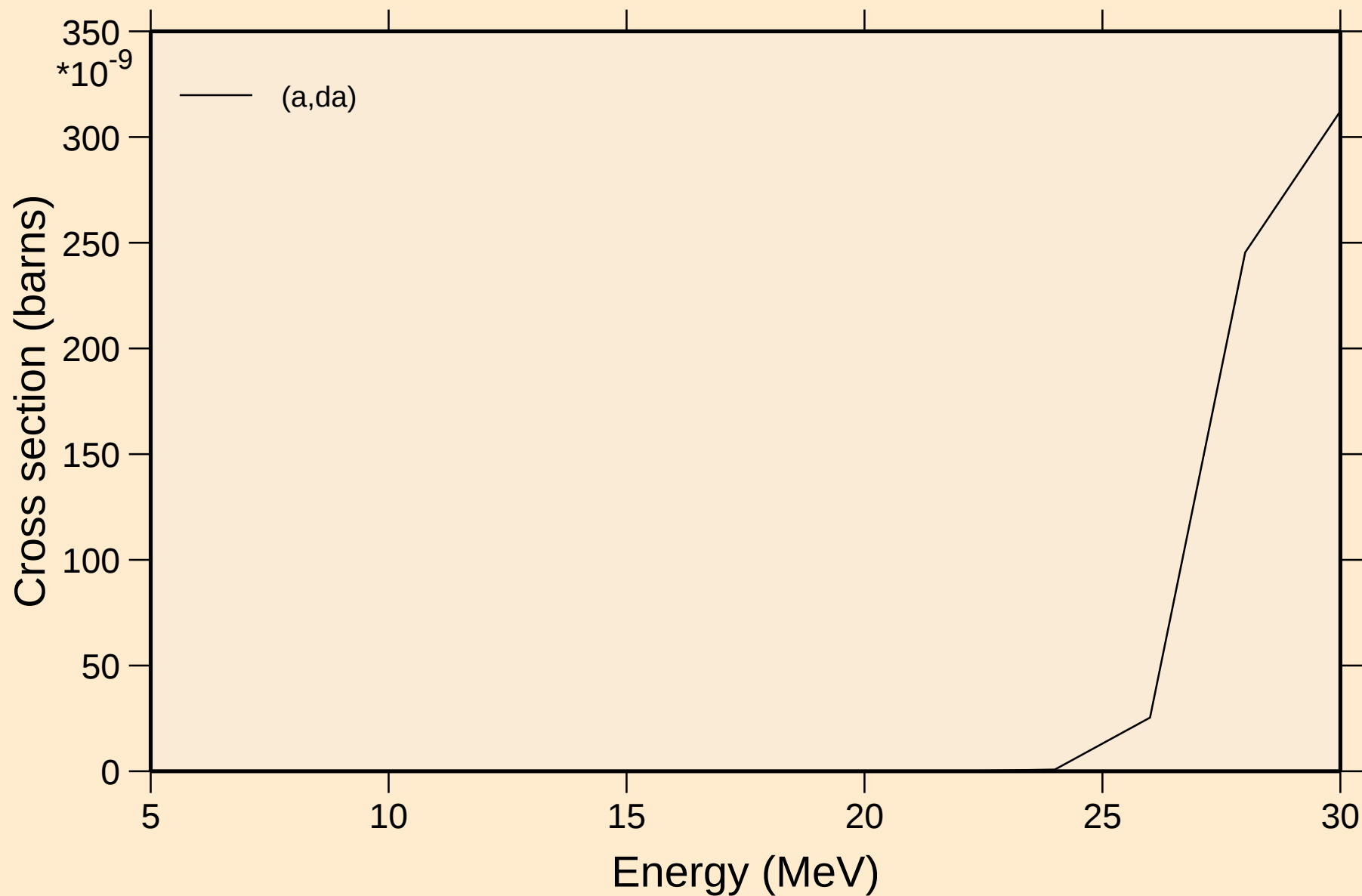


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

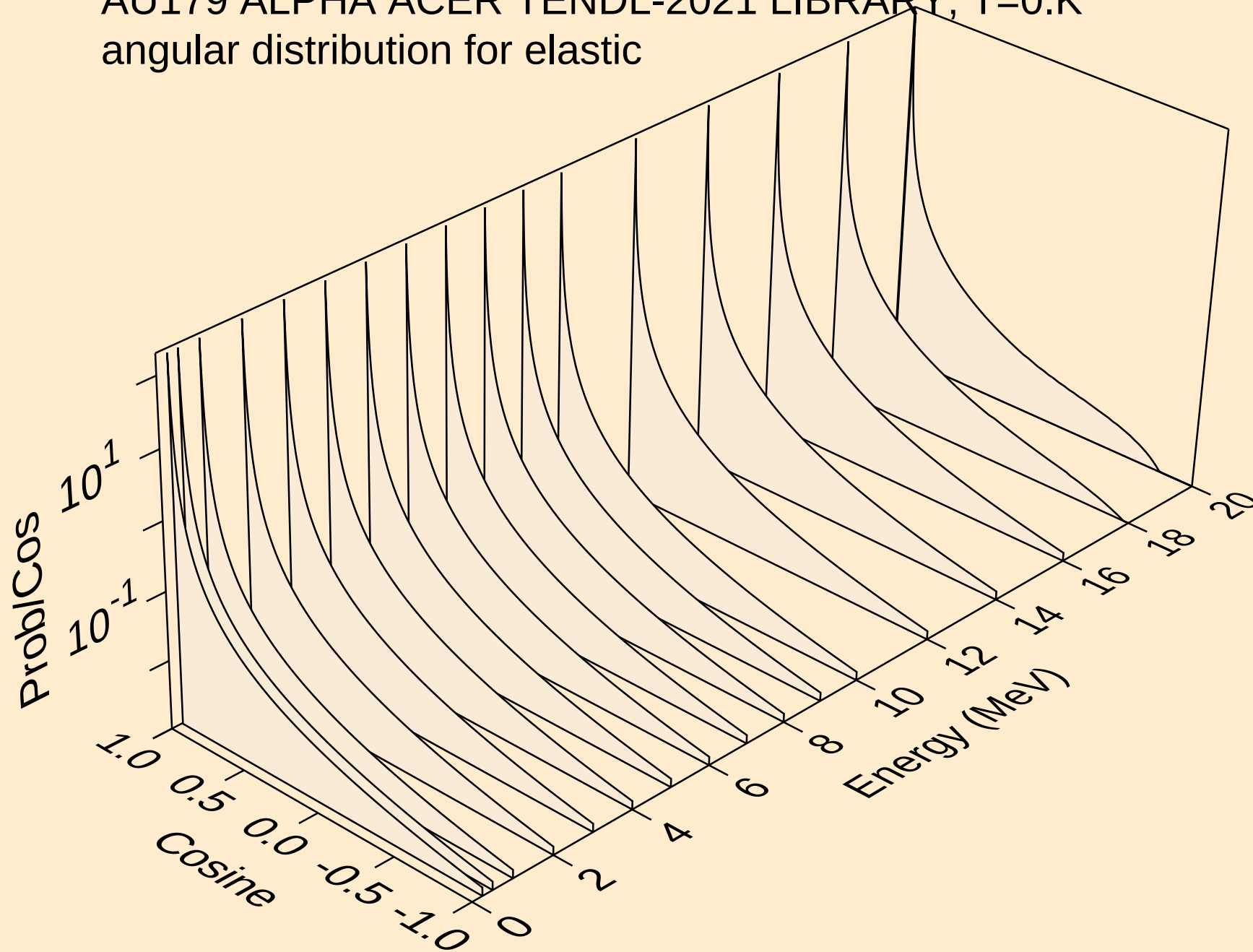


# AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

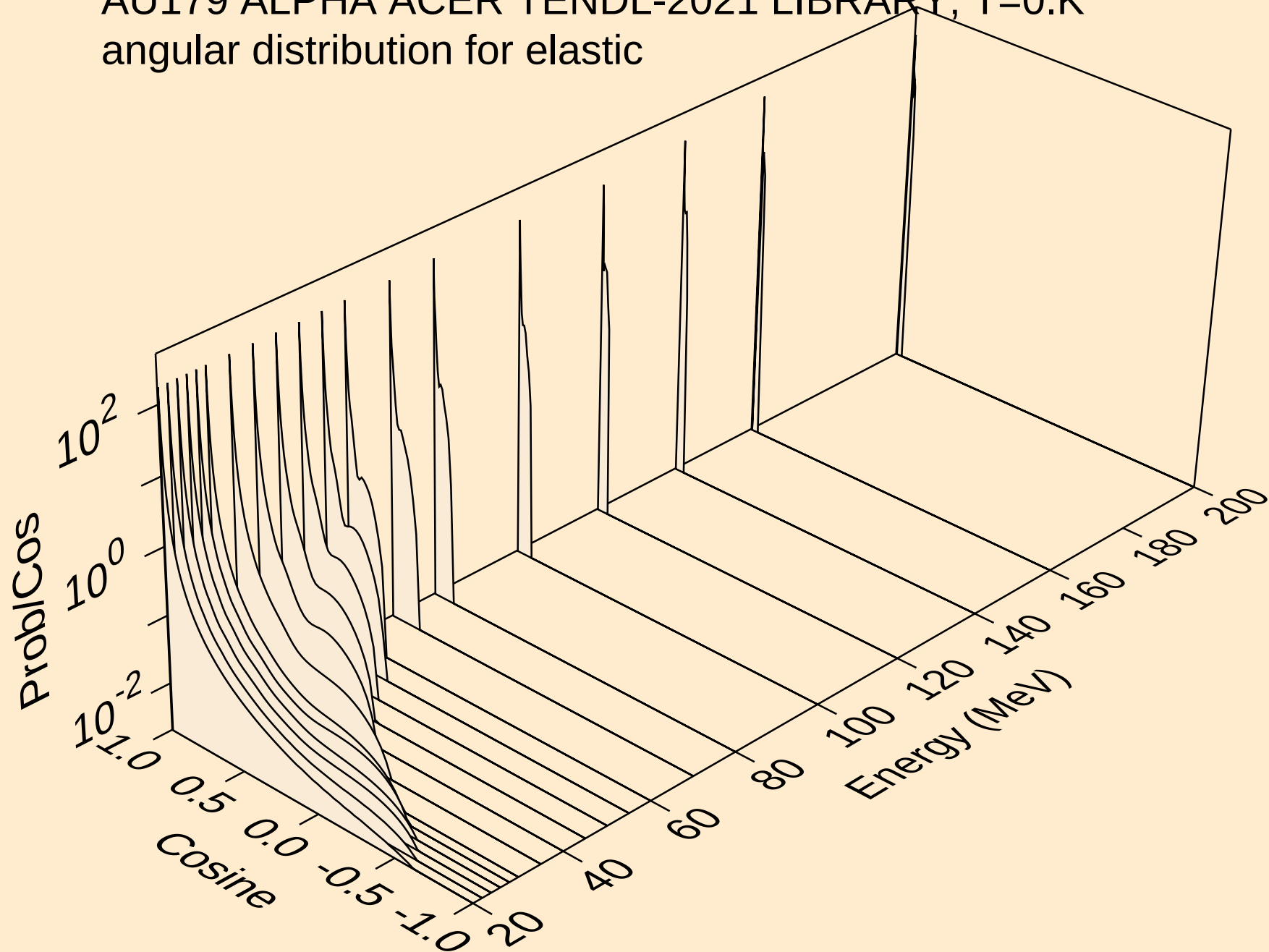
Threshold reactions



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

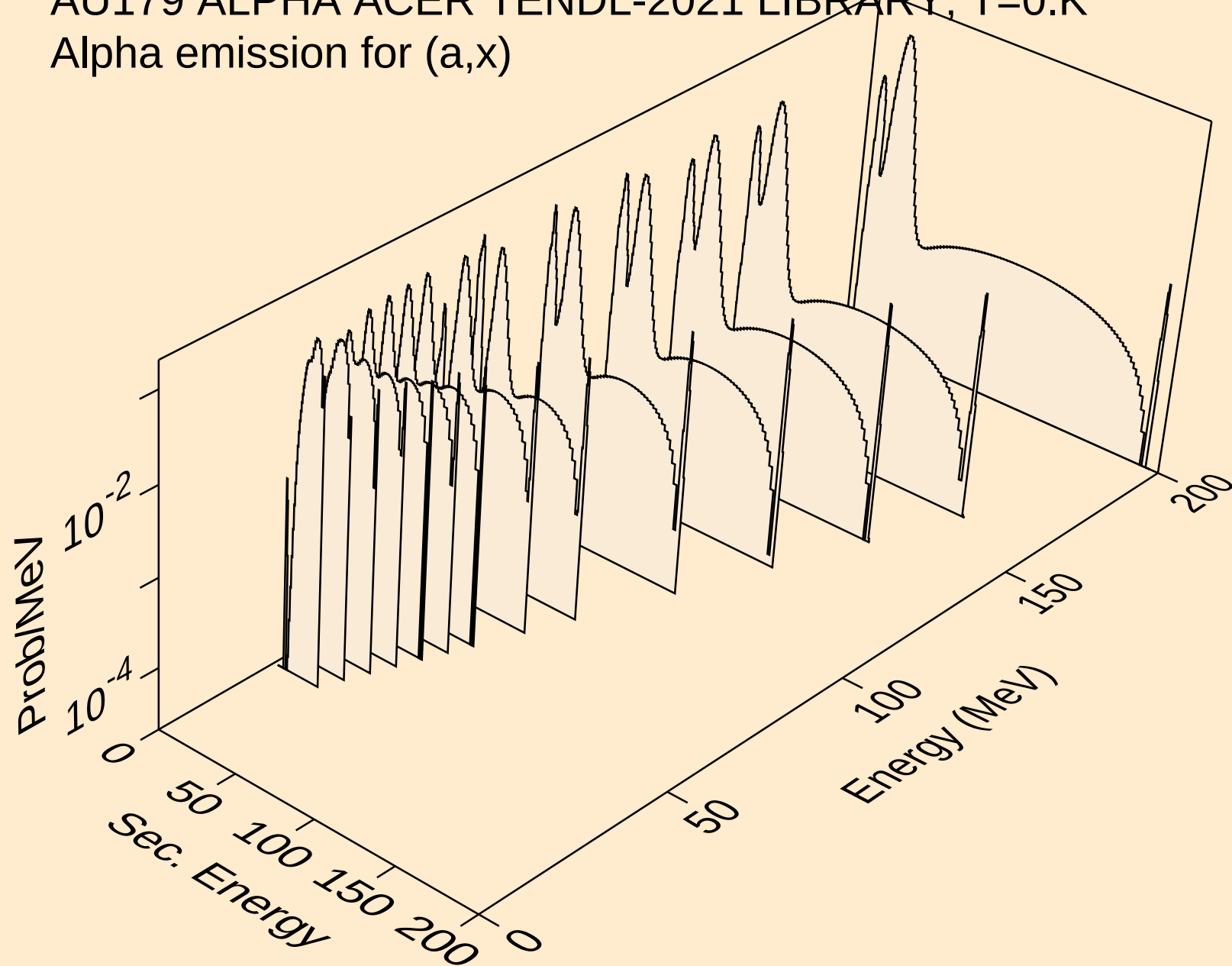


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

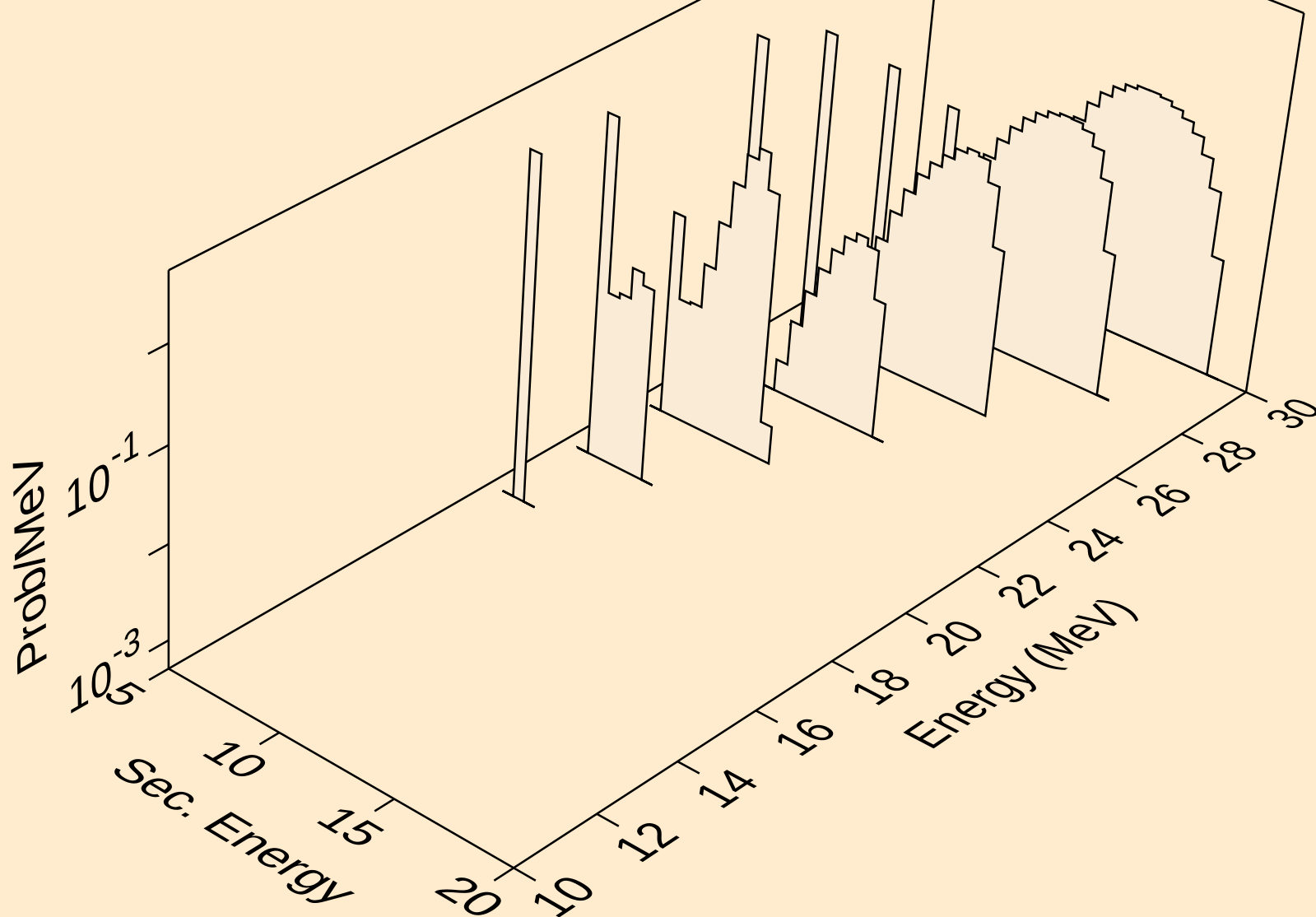


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)

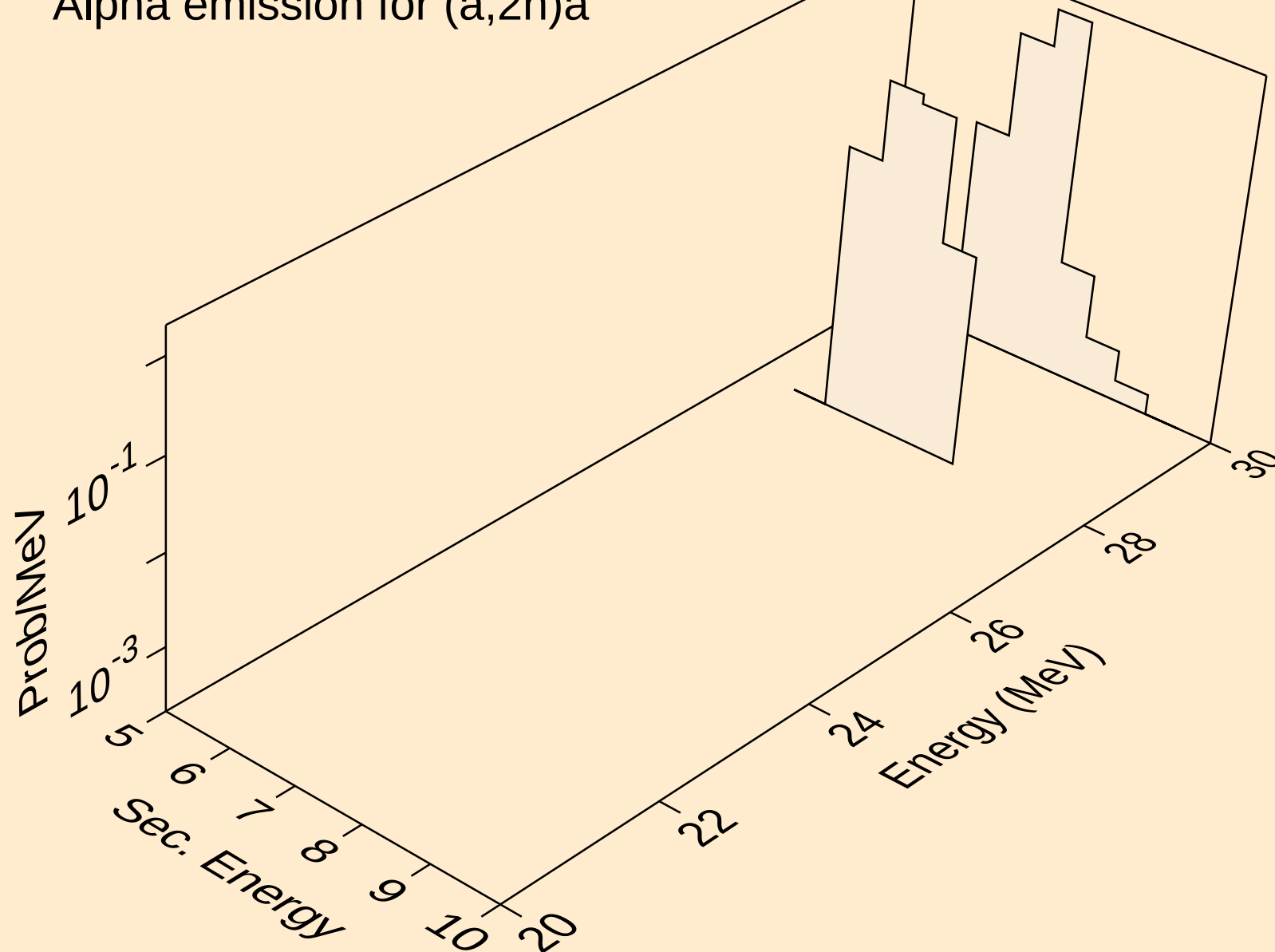


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

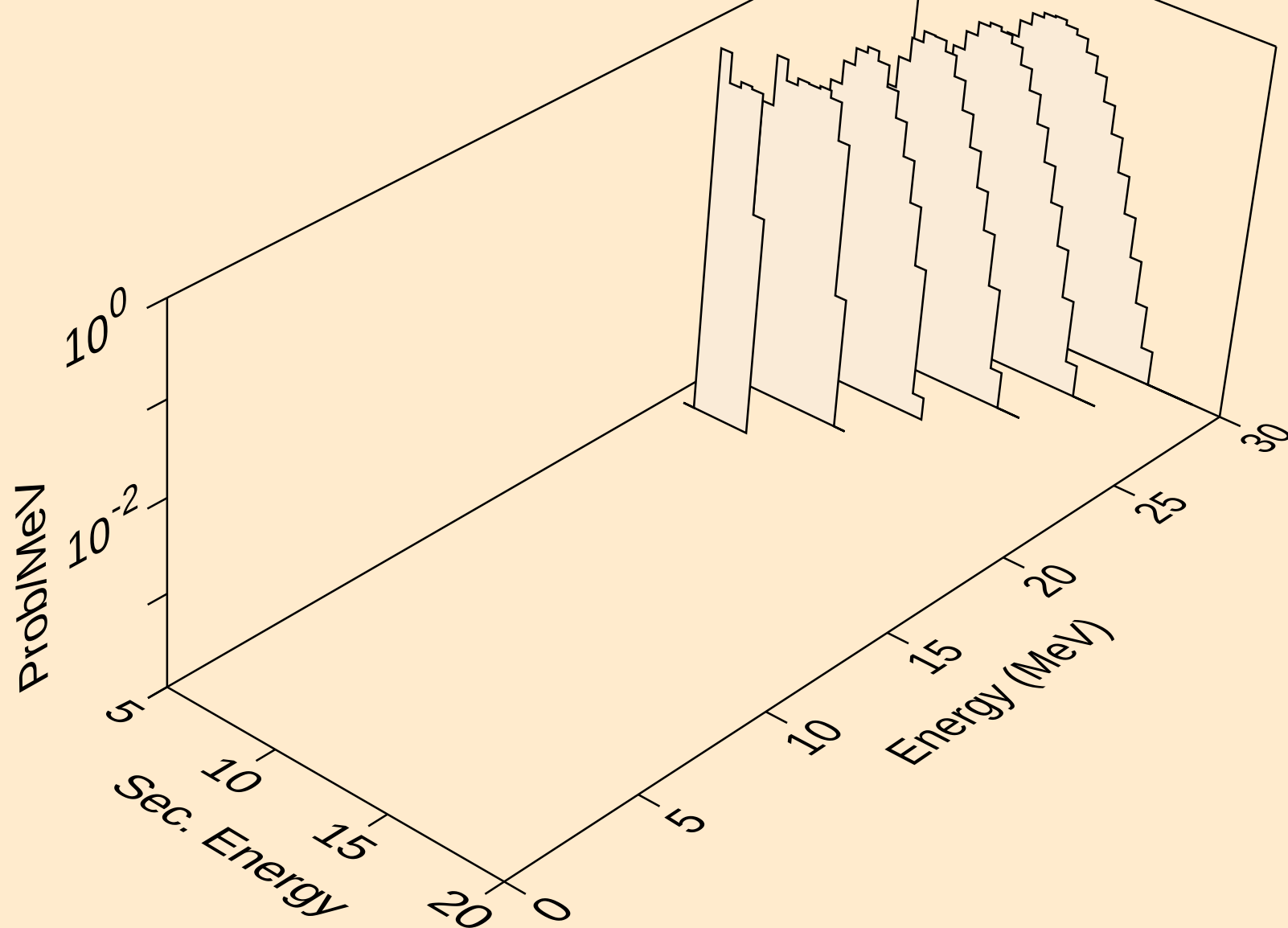


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

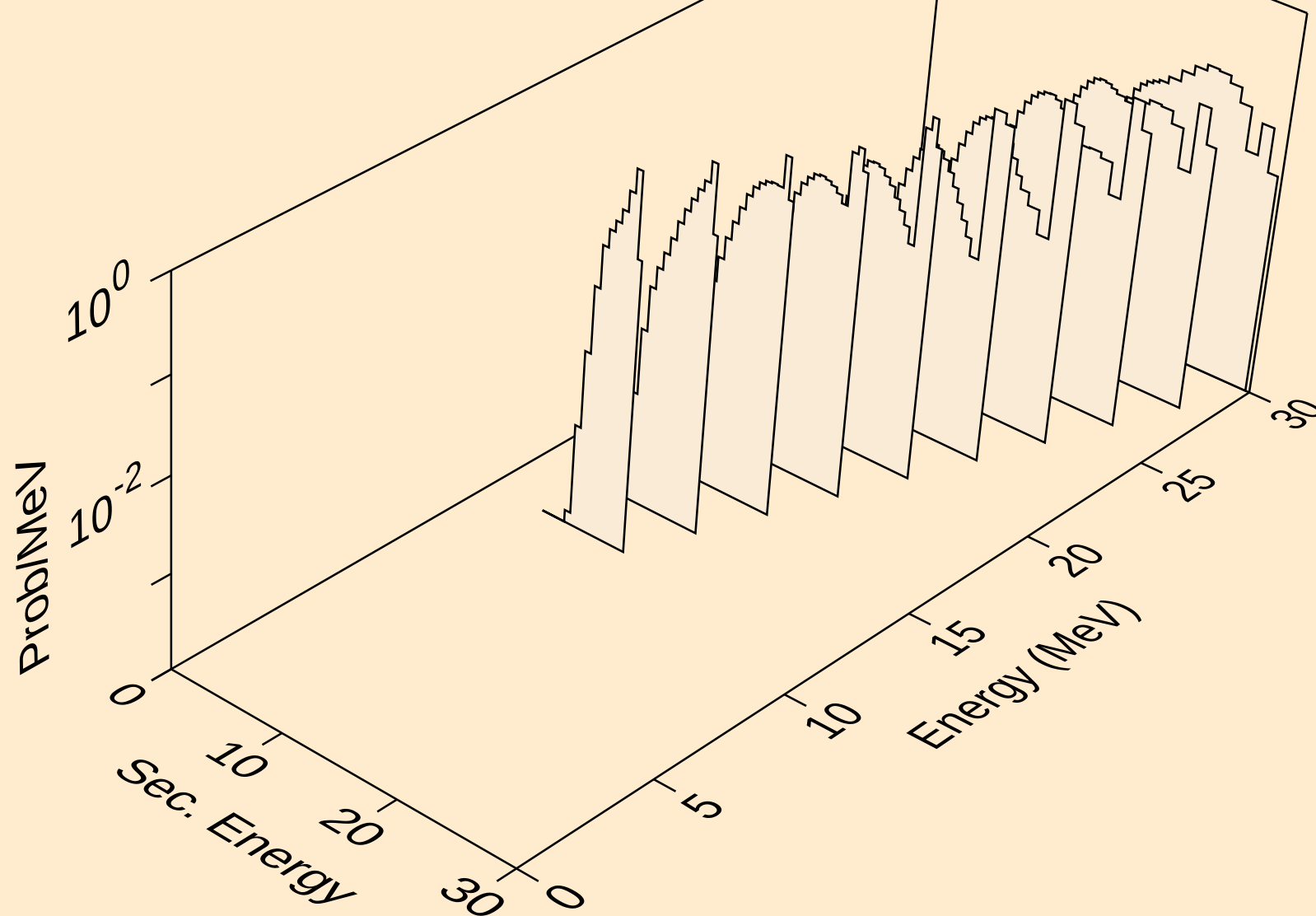
Alpha emission for (a,2n)a



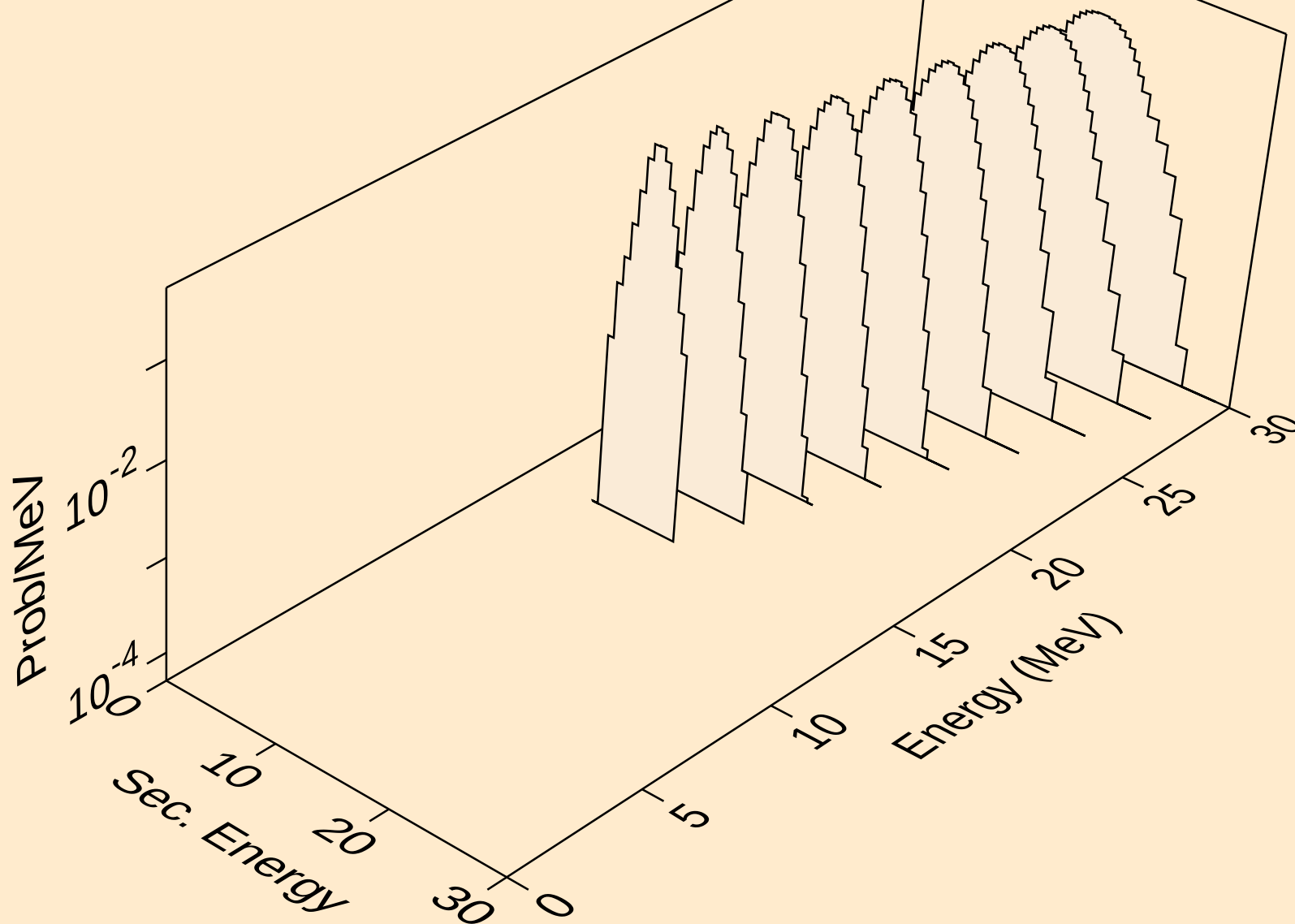
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



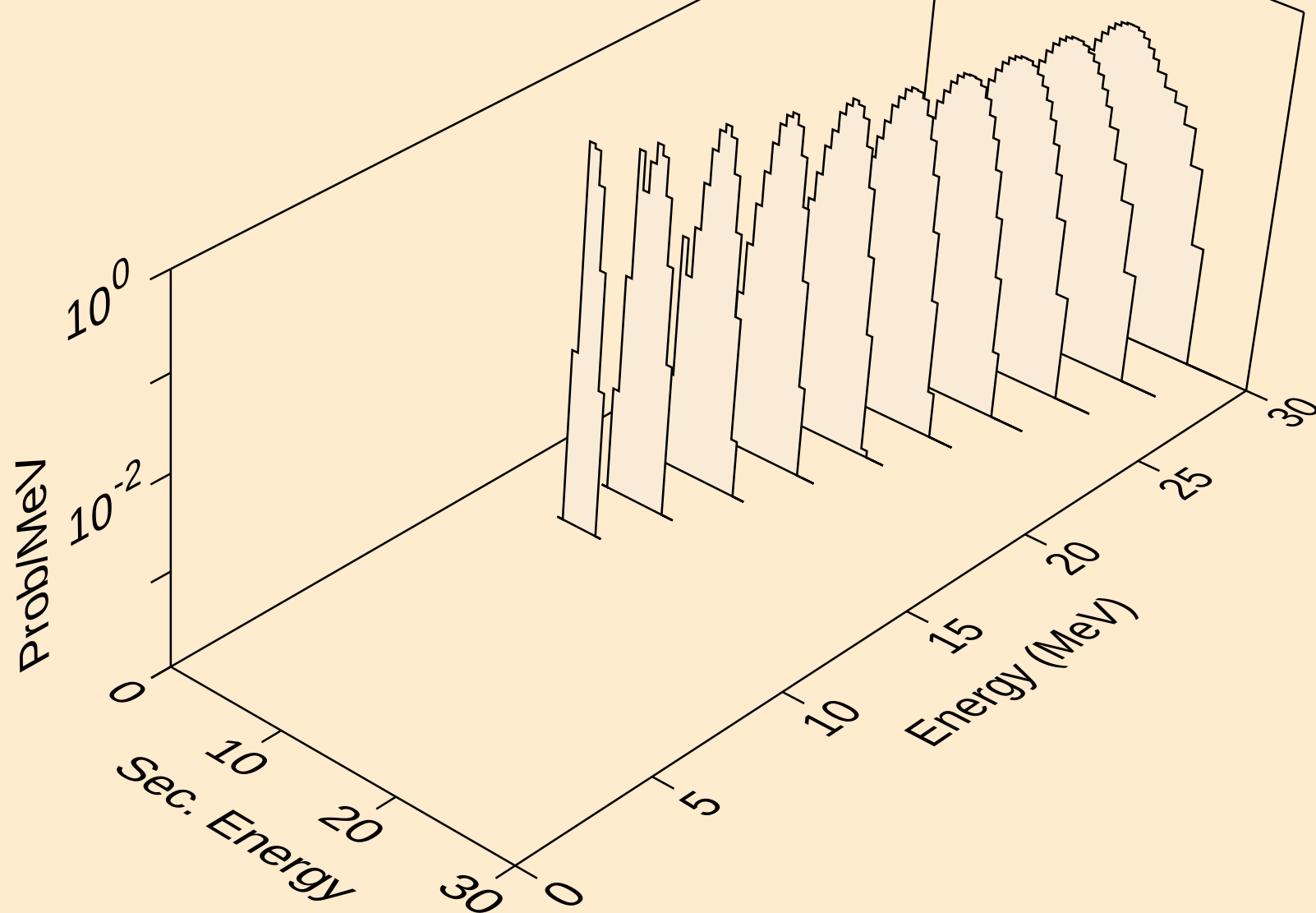
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



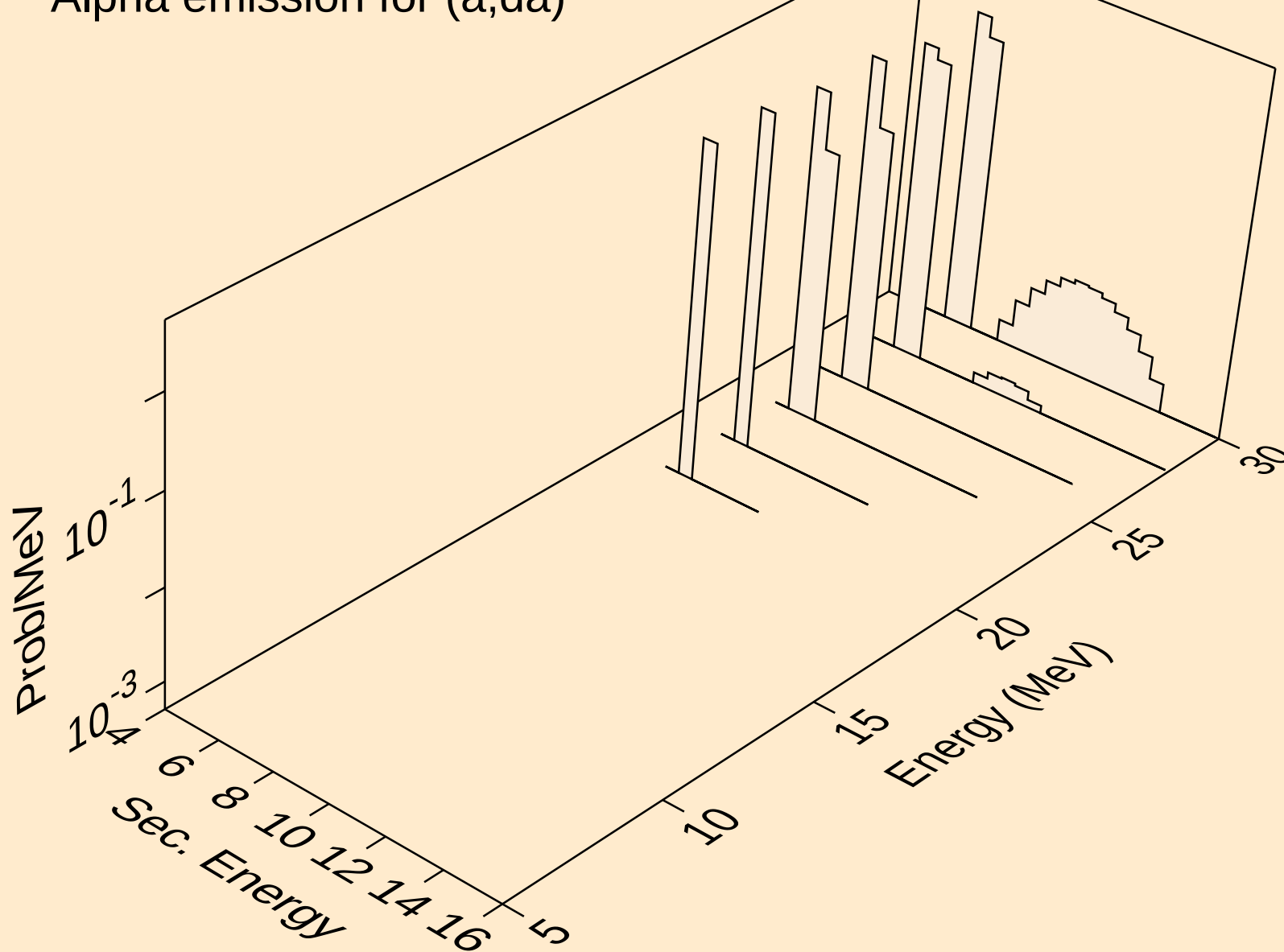
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



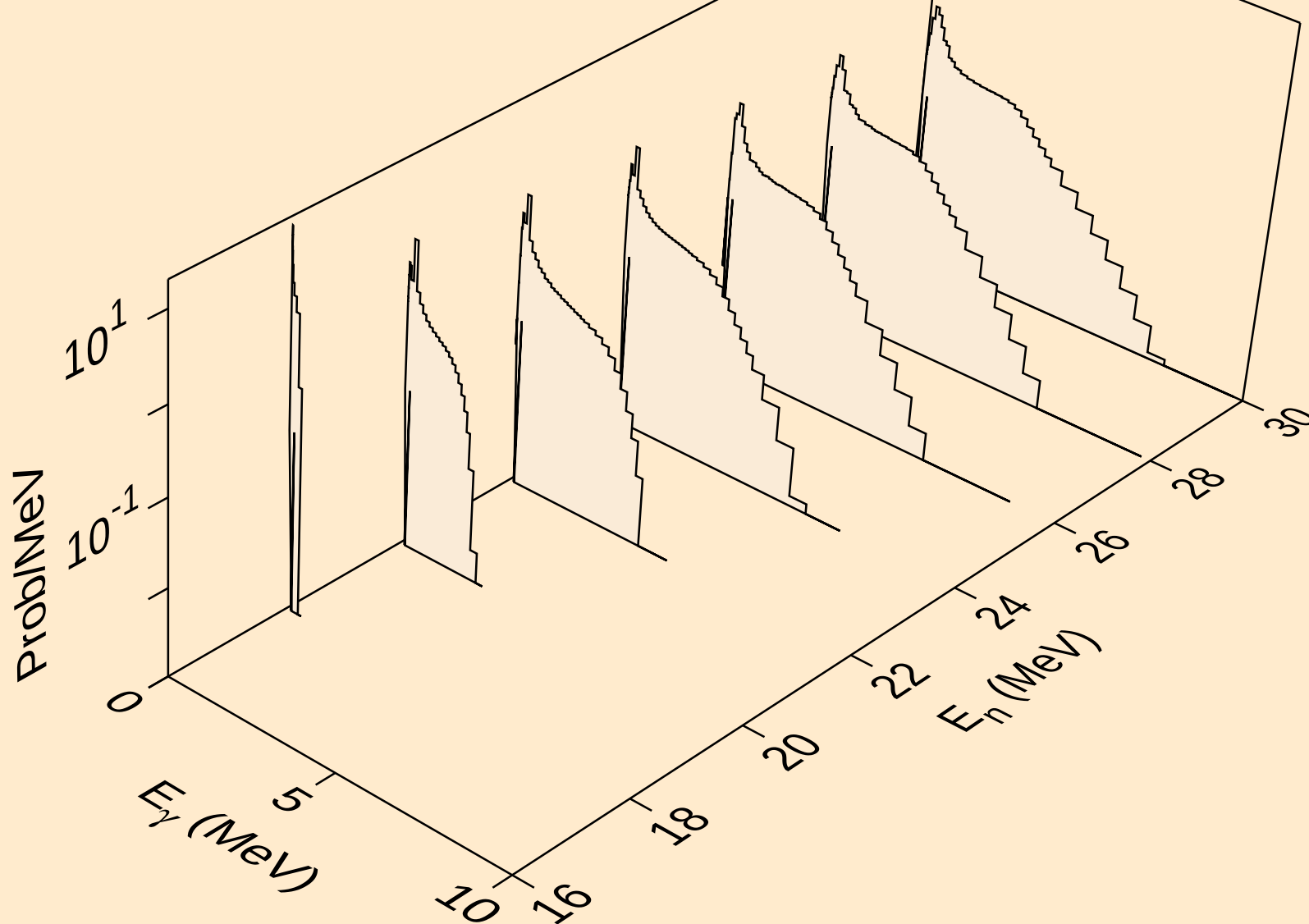
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



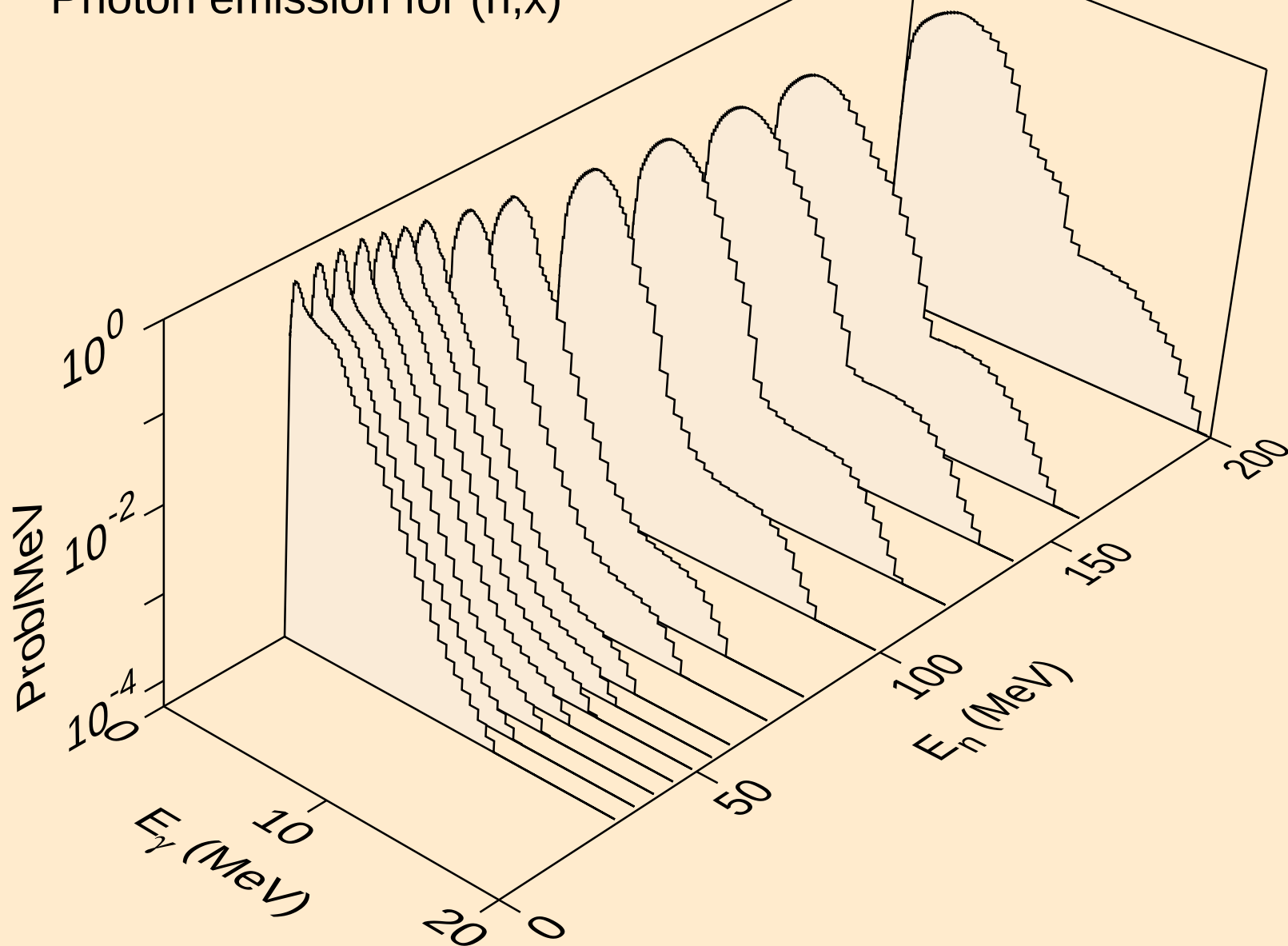
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)



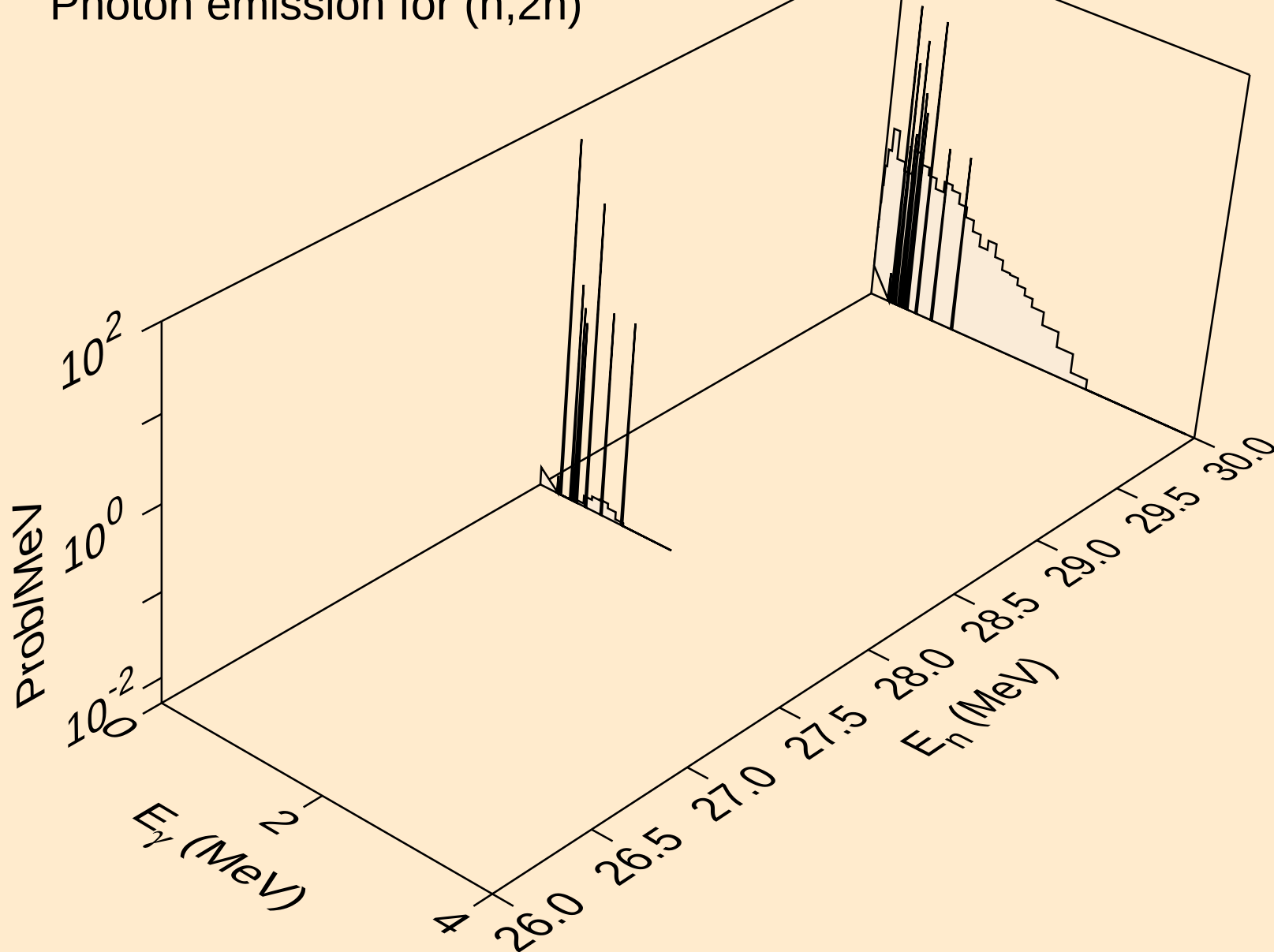
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Photon emission for (z,n)



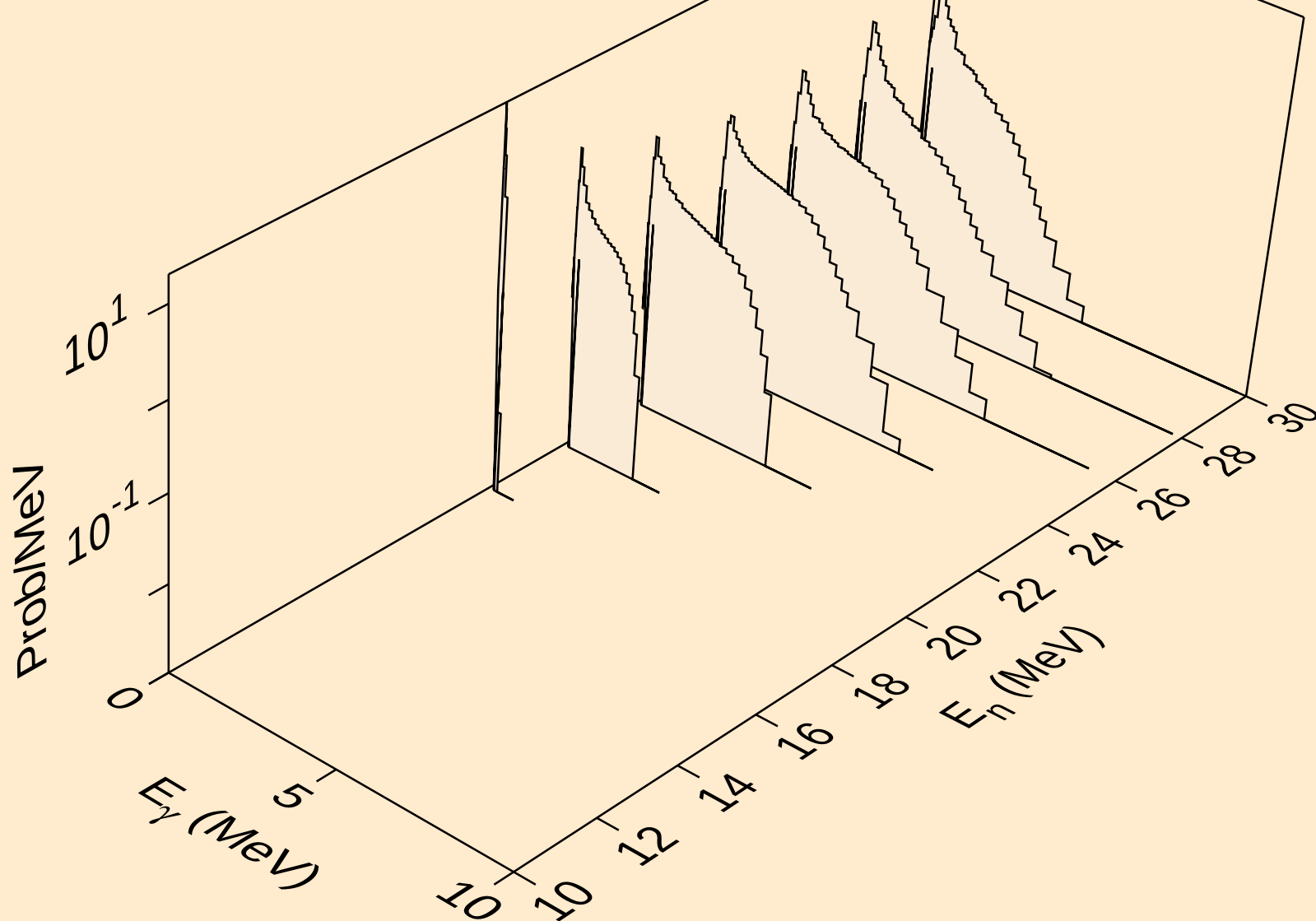
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

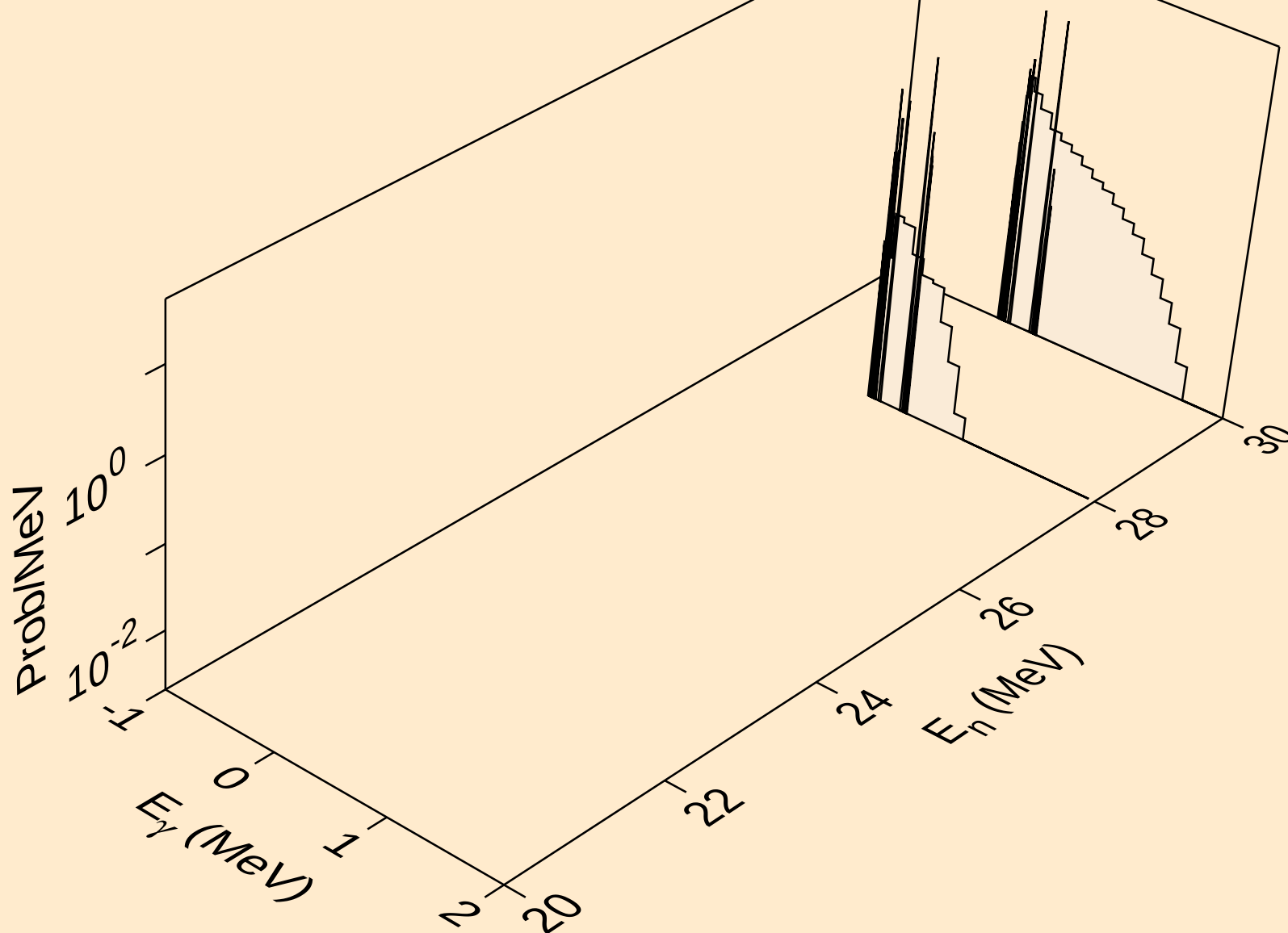


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



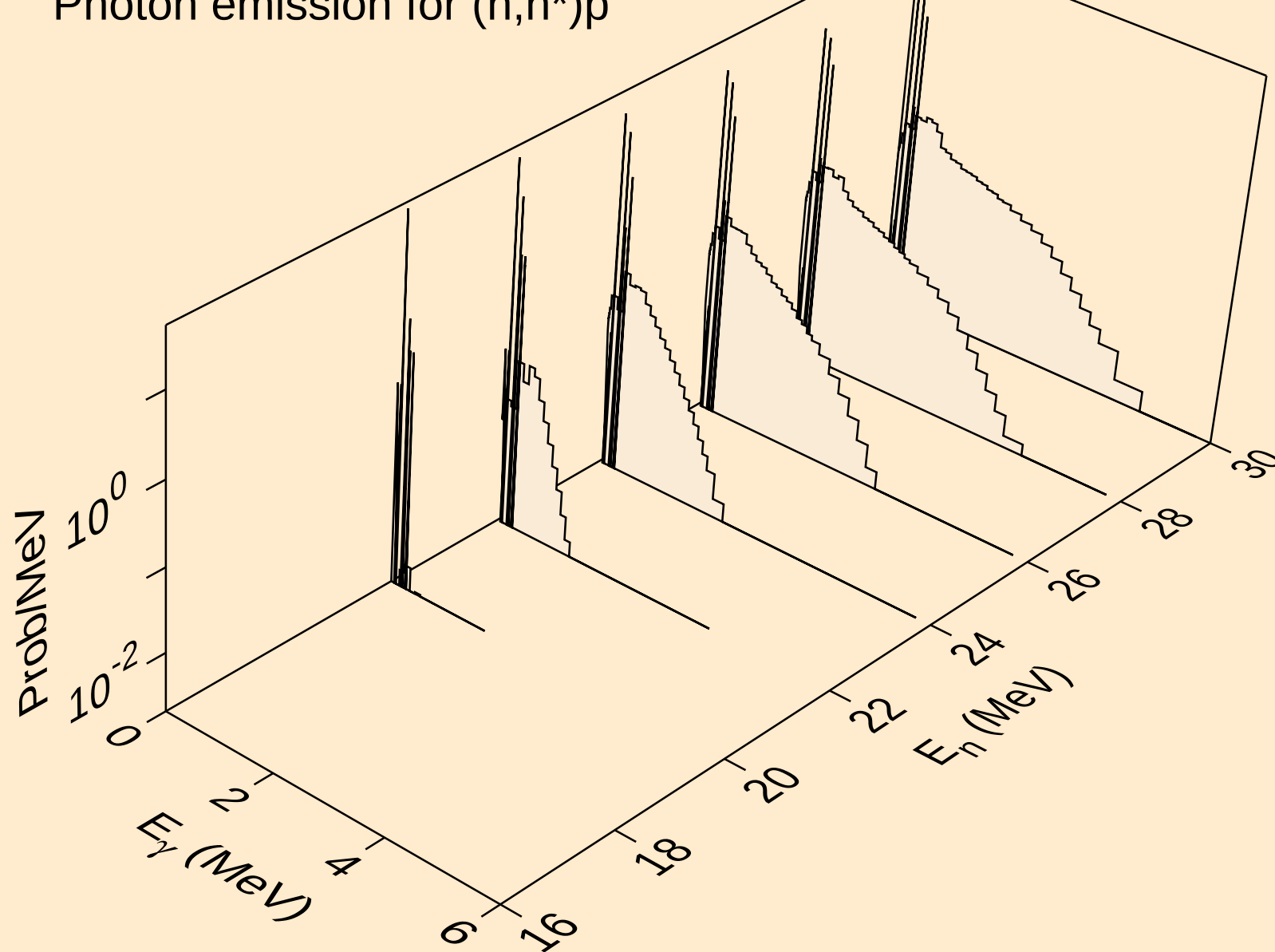
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

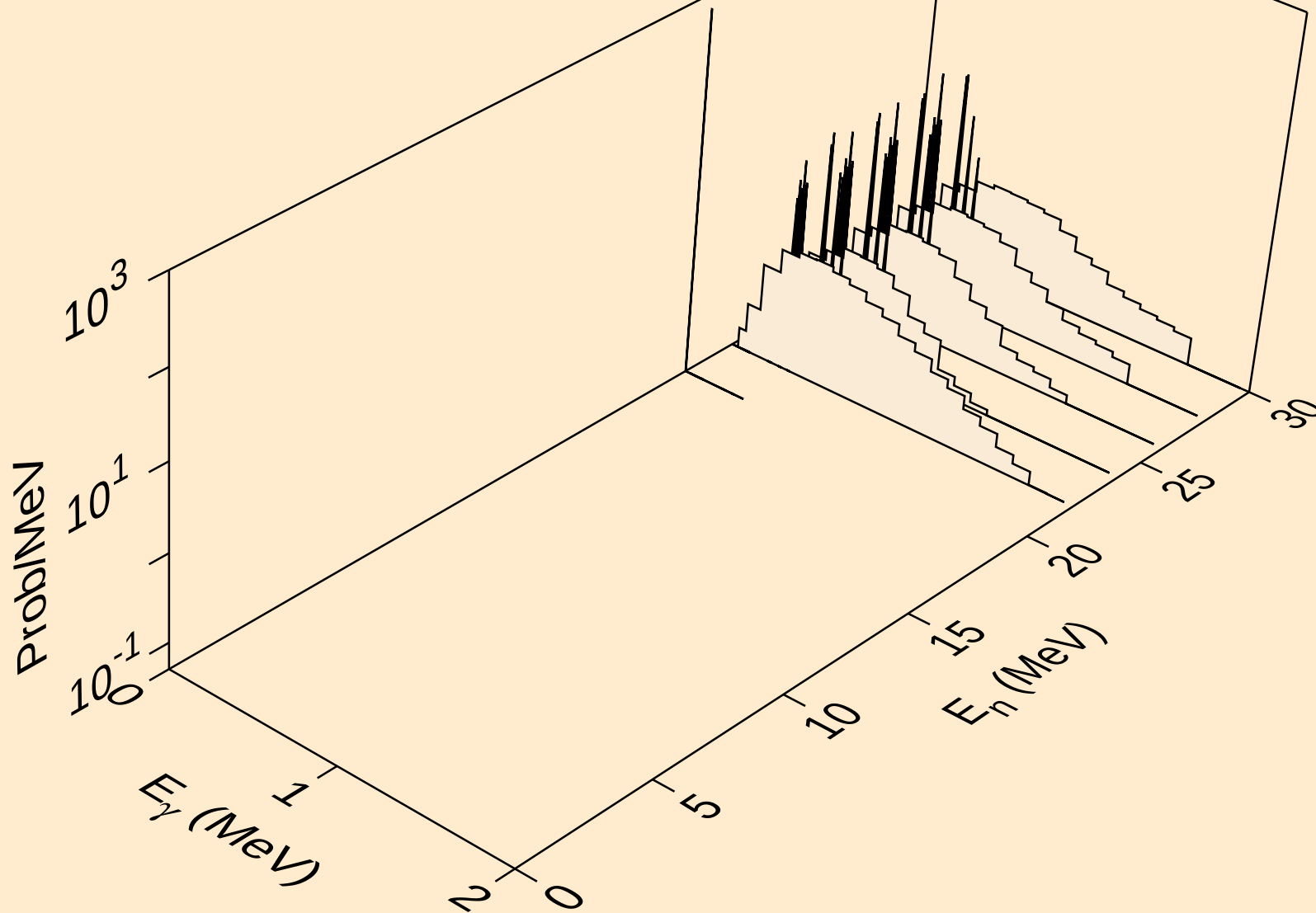


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

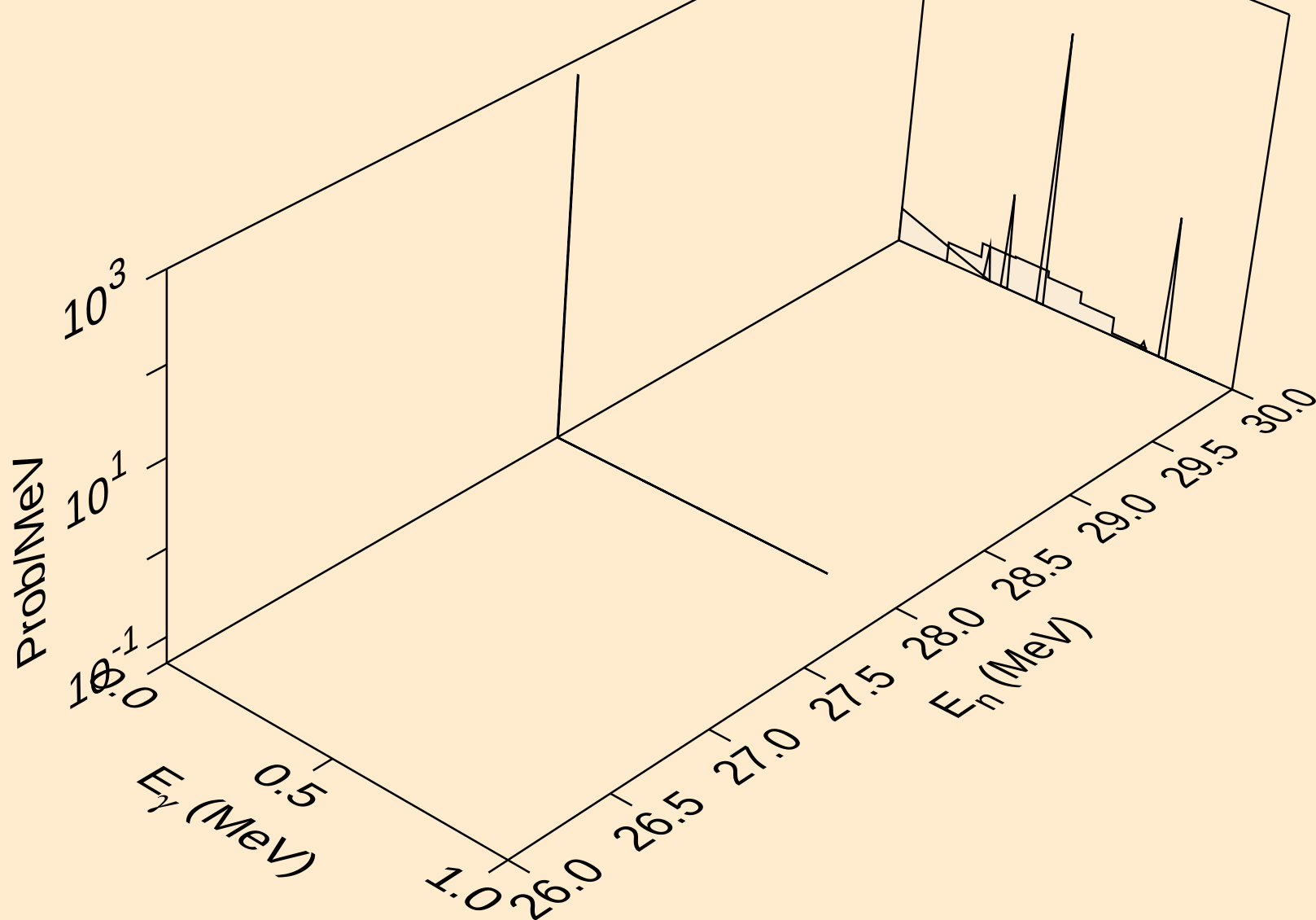
Photon emission for (n,n\*)p



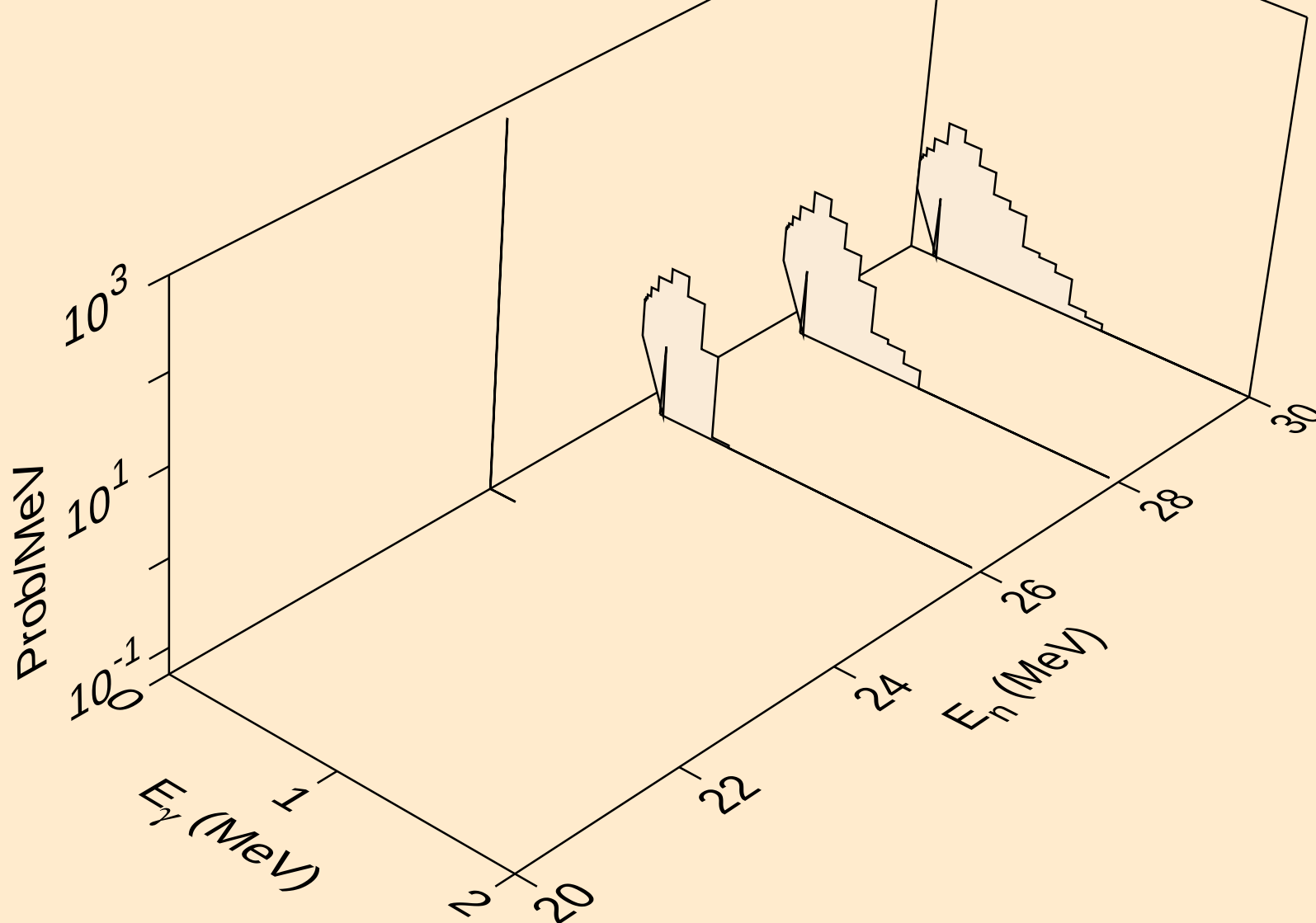
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



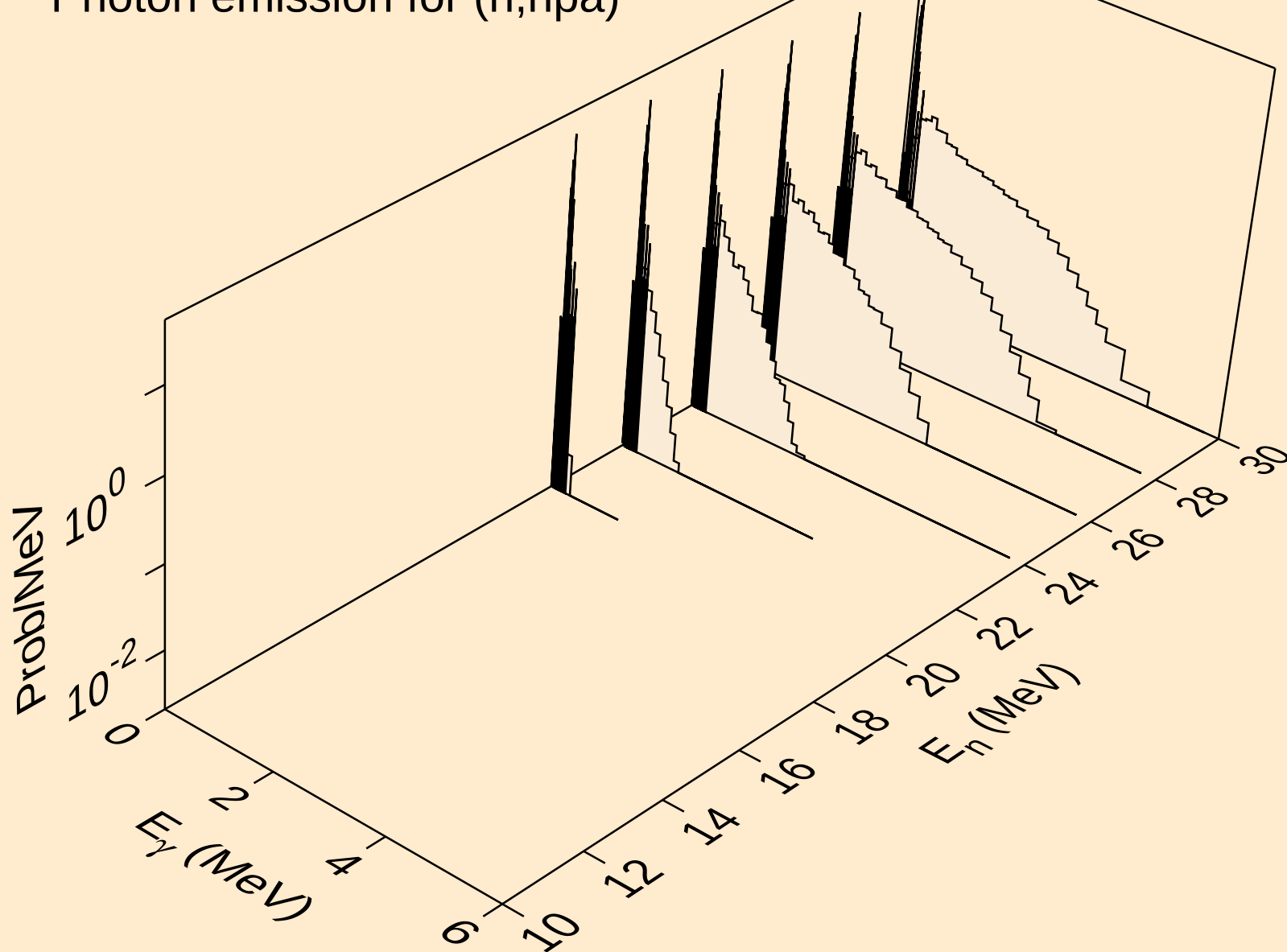
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



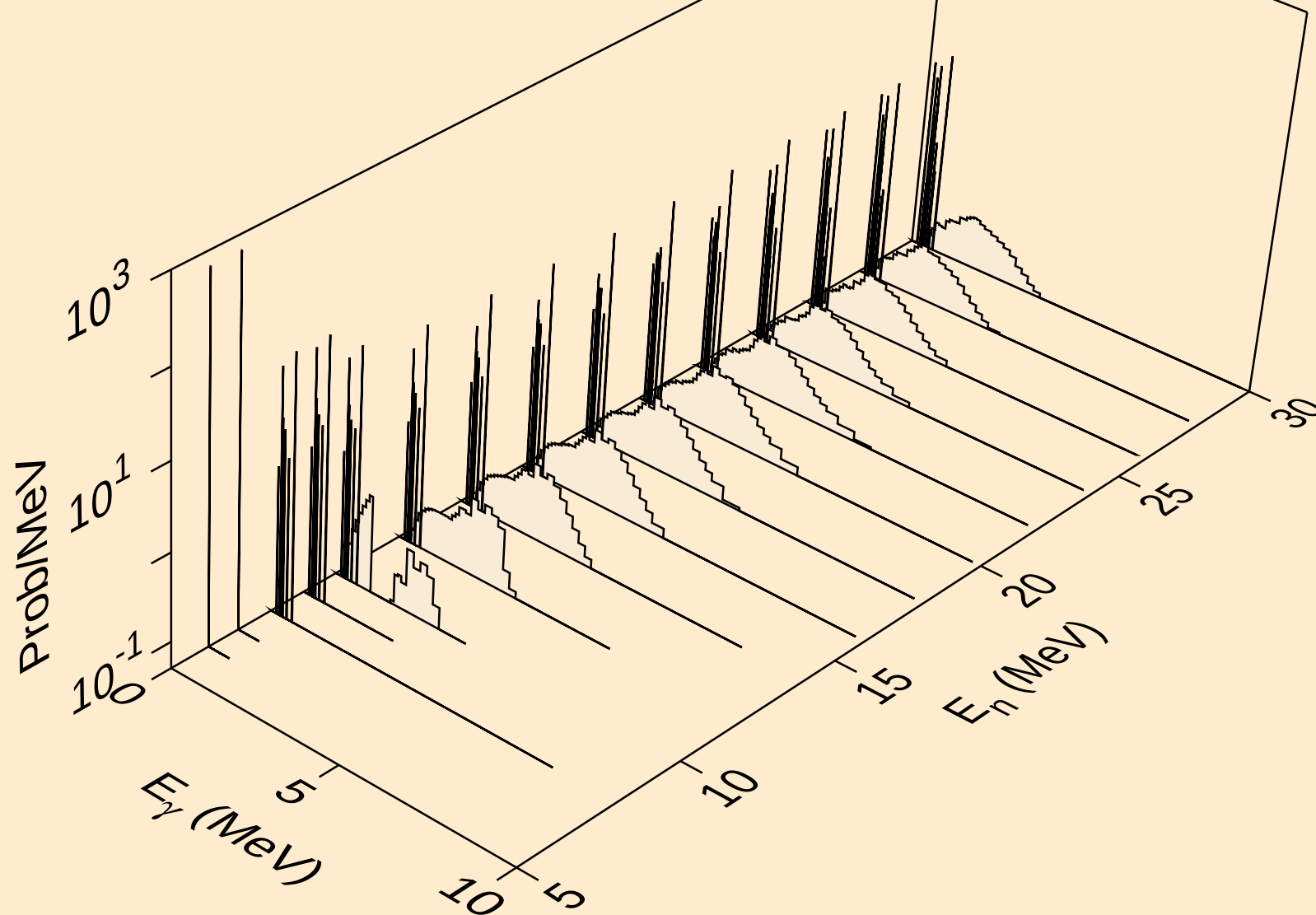
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



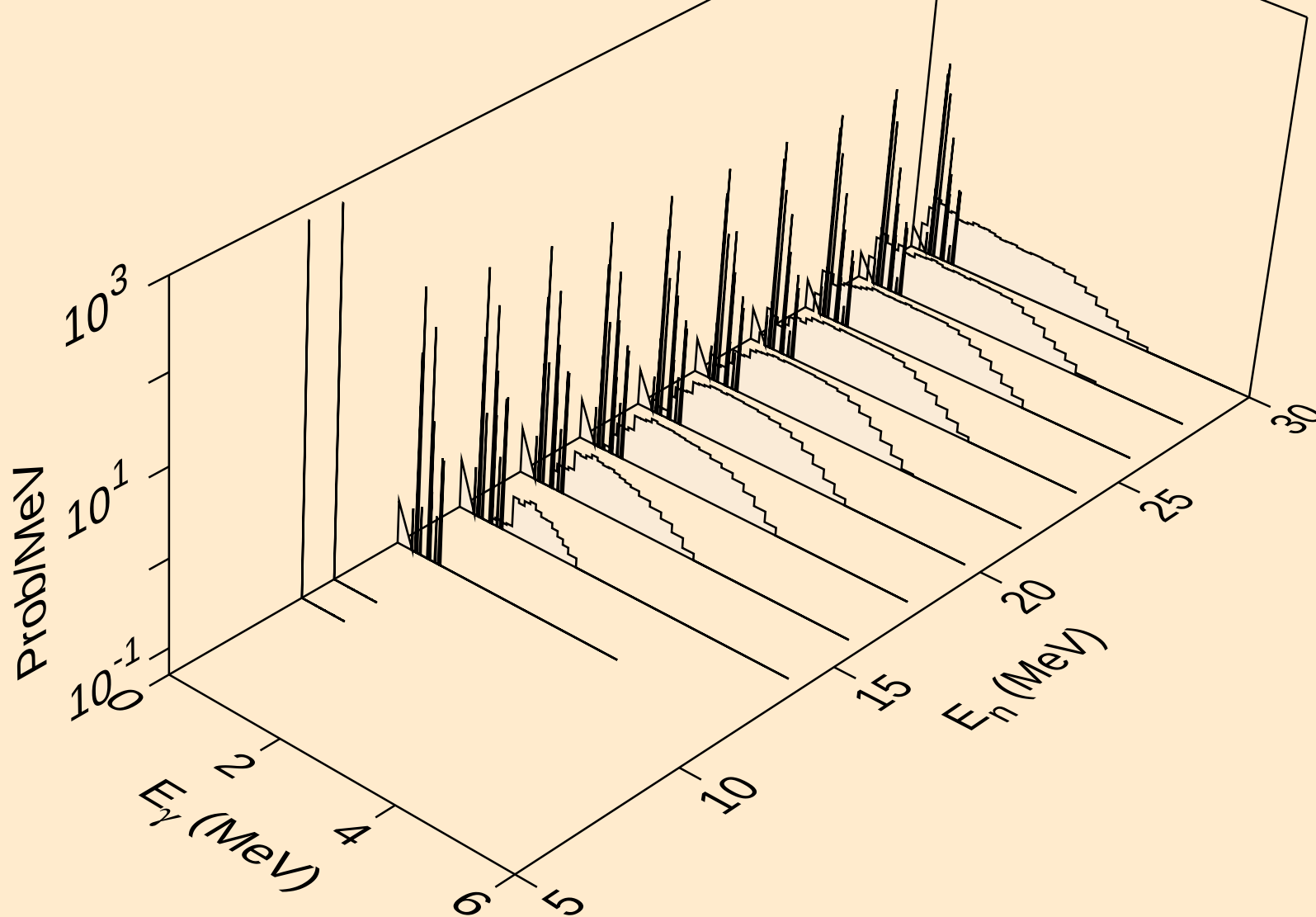
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



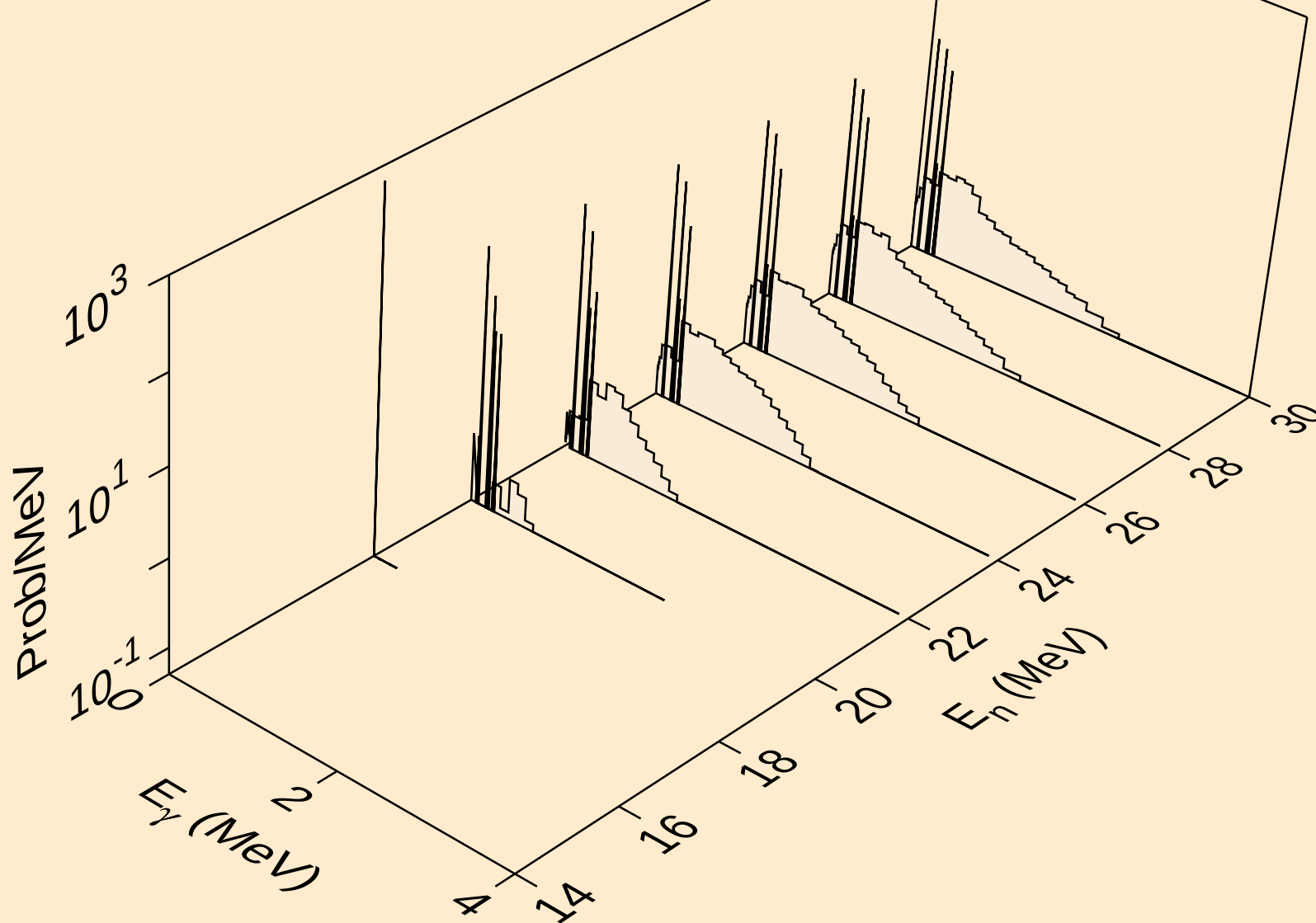
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Photon emission for (n,gma)



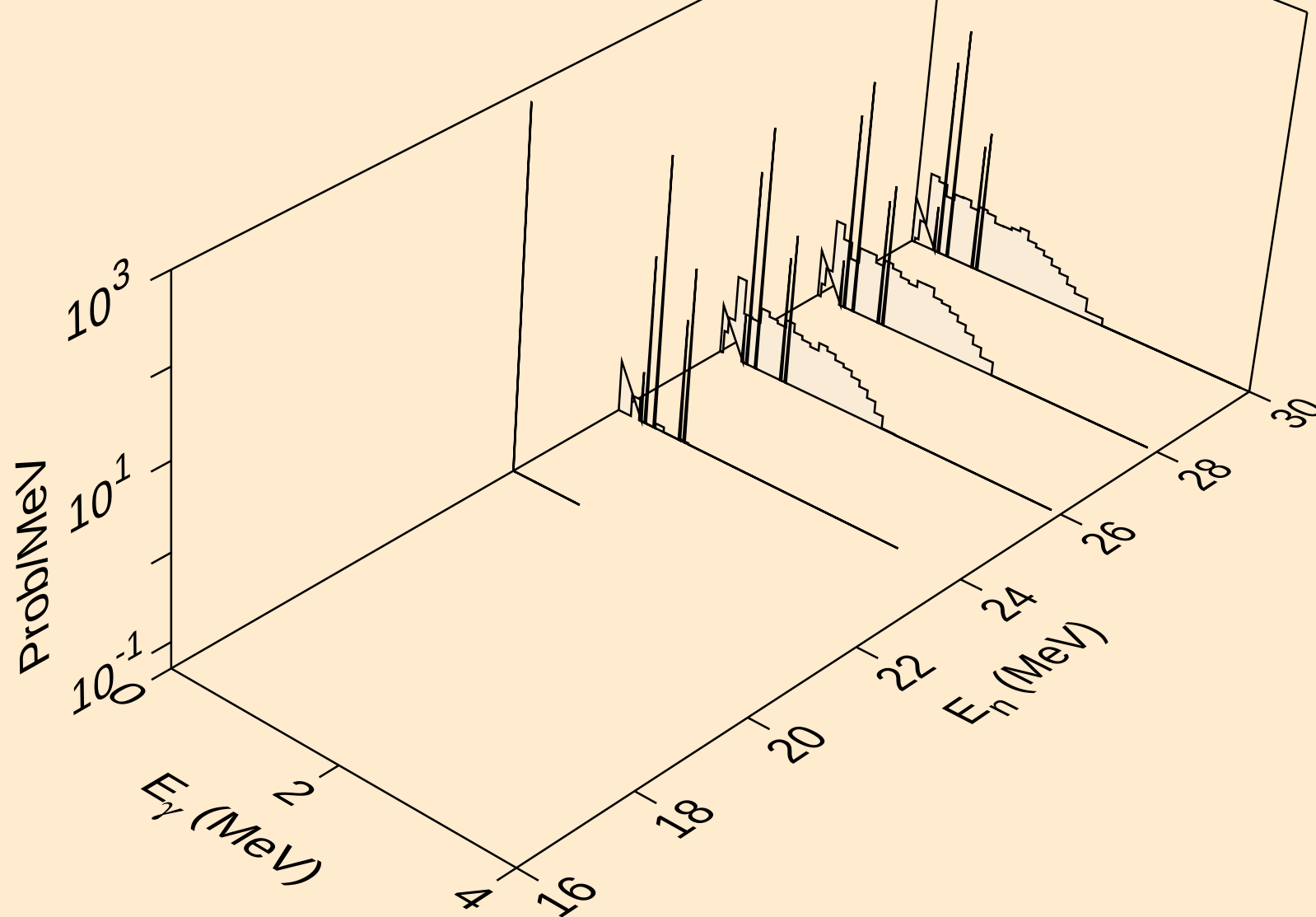
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



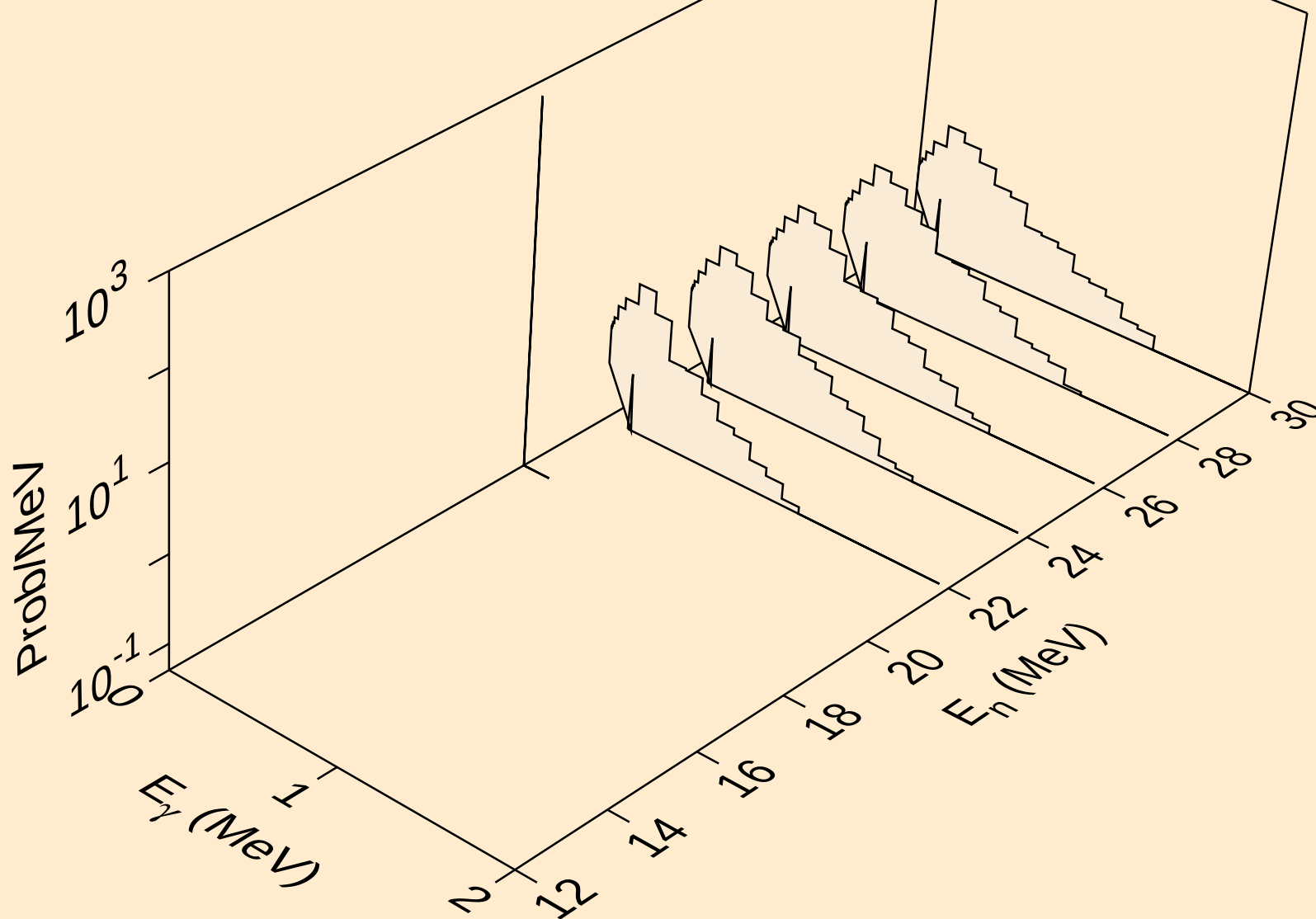
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



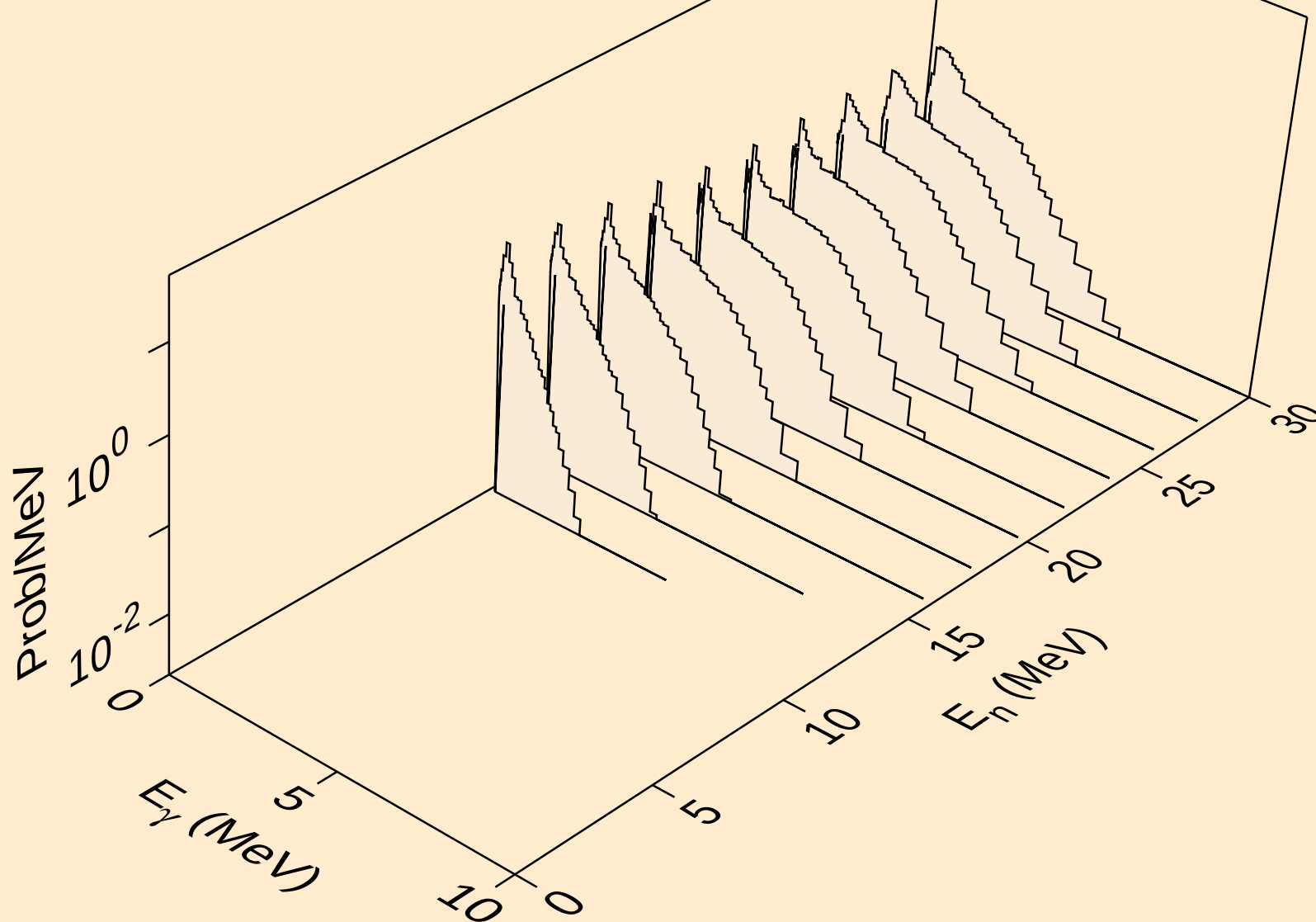
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Photon emission for (n,t)



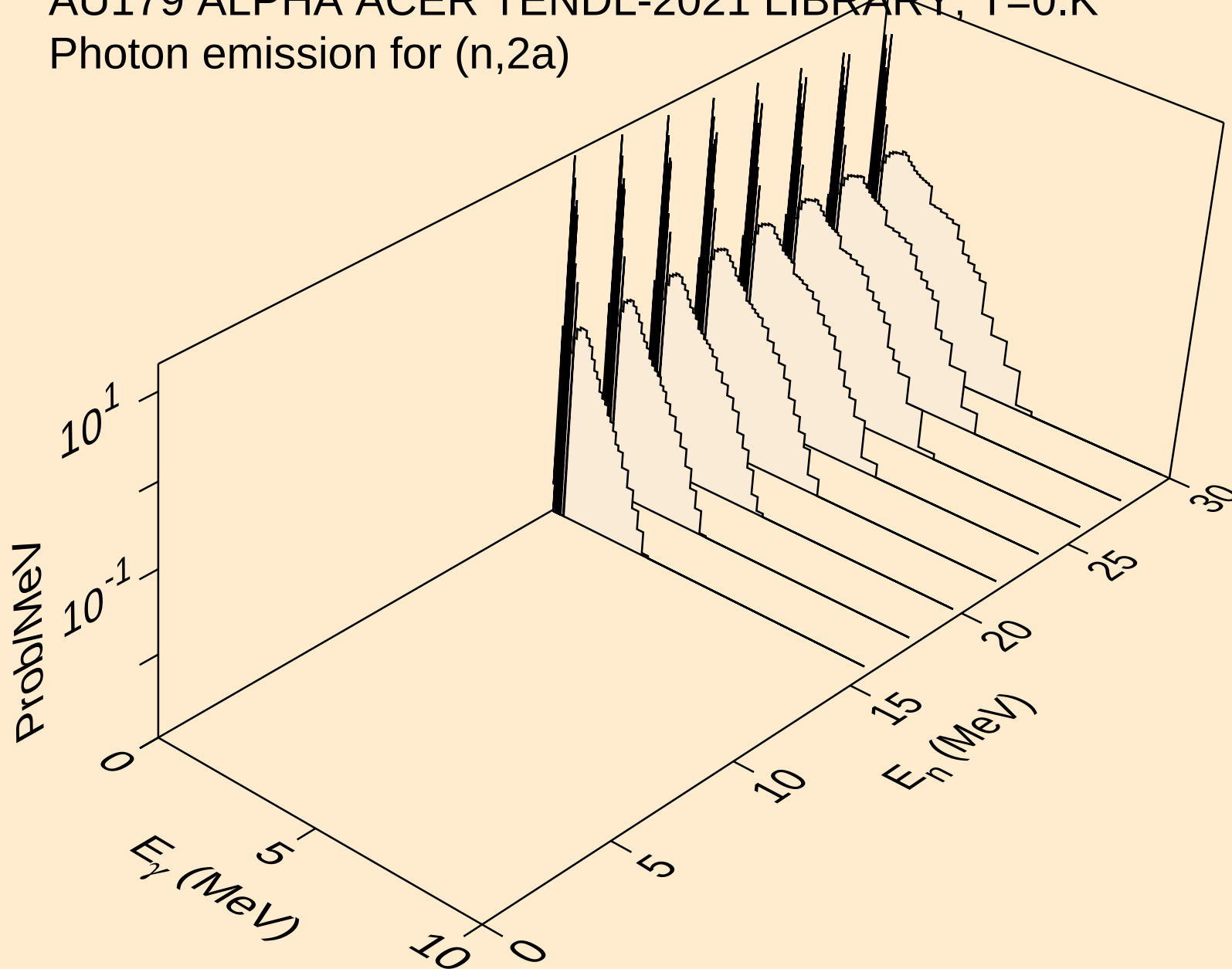
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Photon emission for (n,he3)



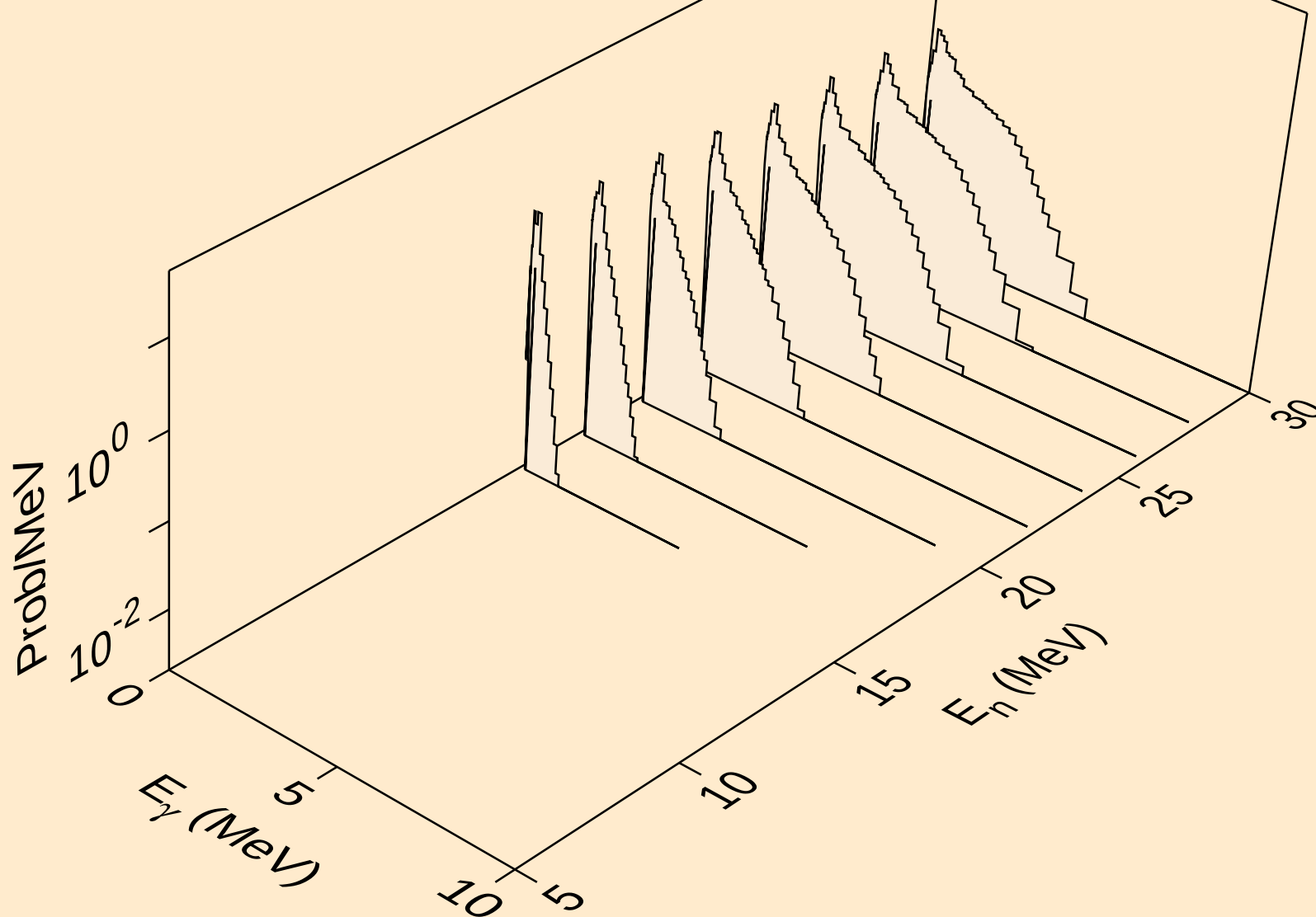
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



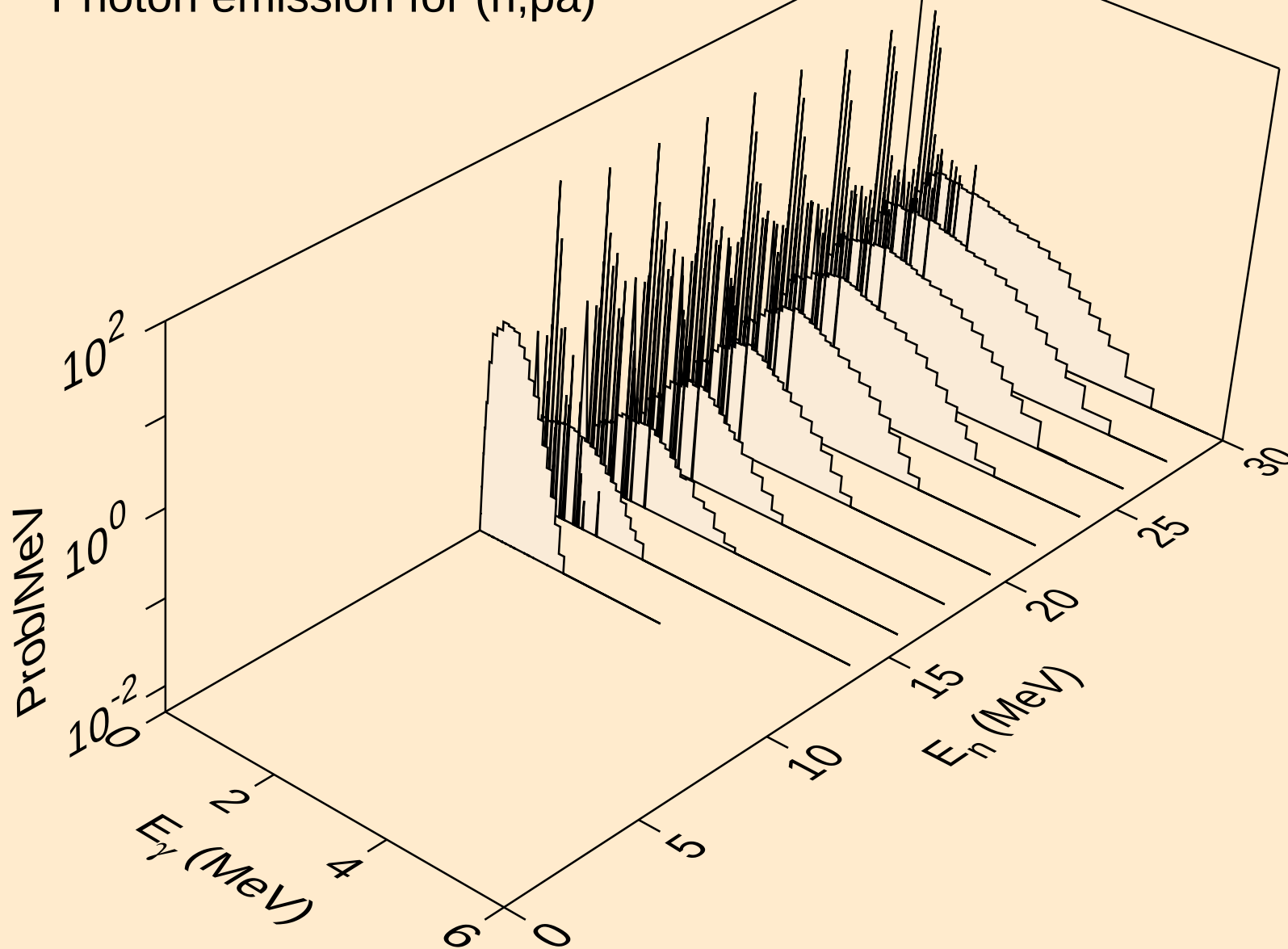
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Photon emission for (n,2a)



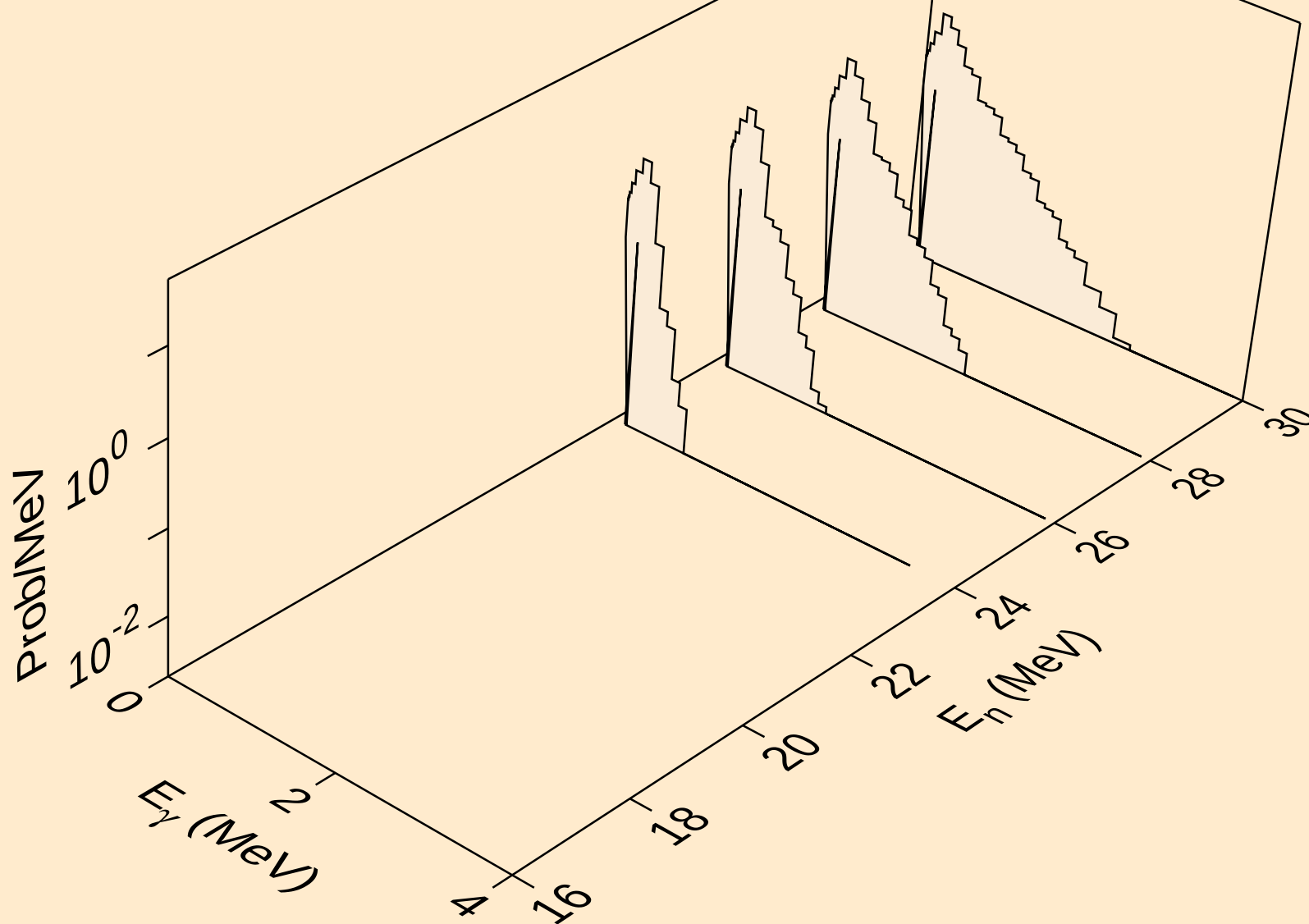
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Photon emission for (n,2p)



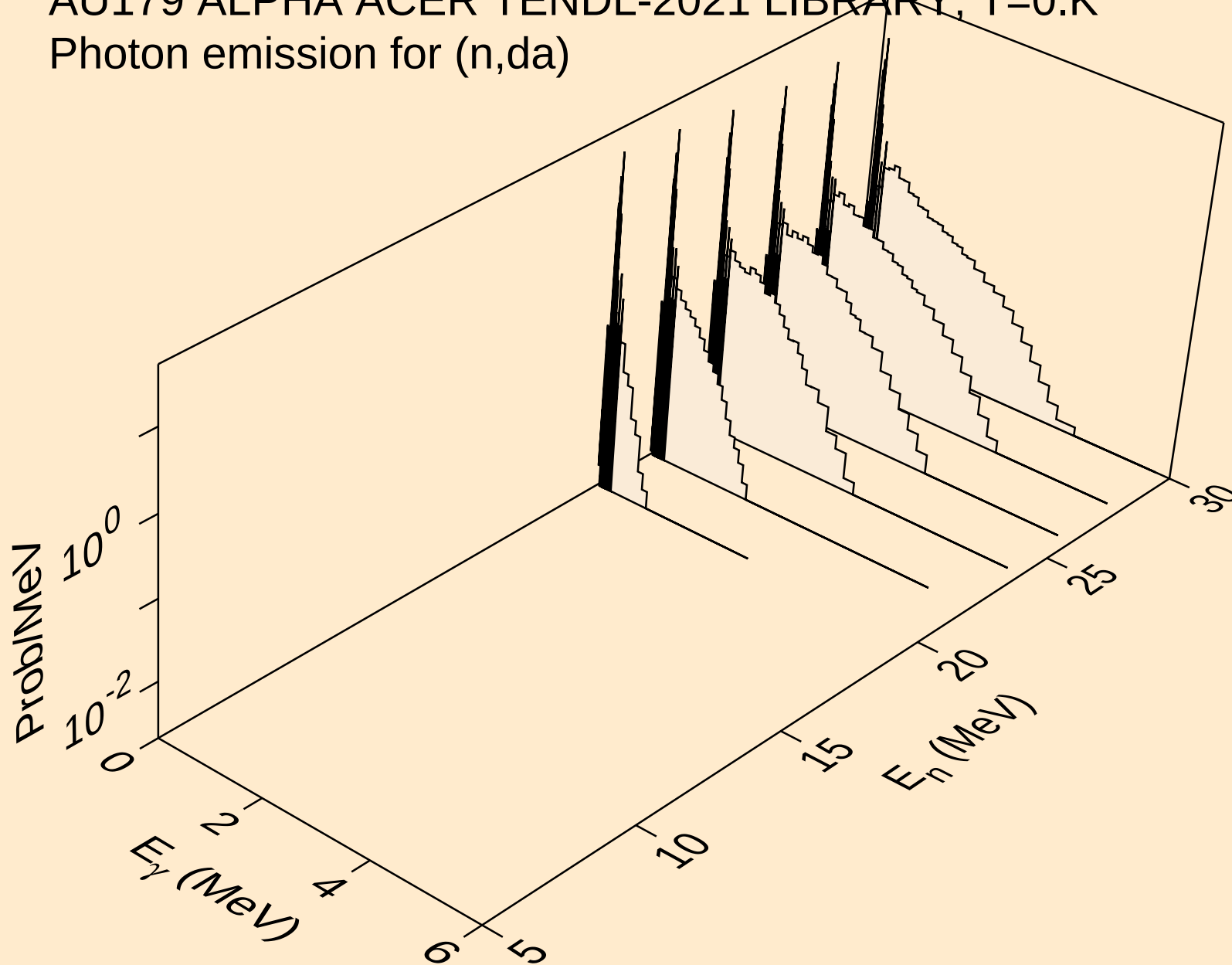
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Photon emission for (n,pa)



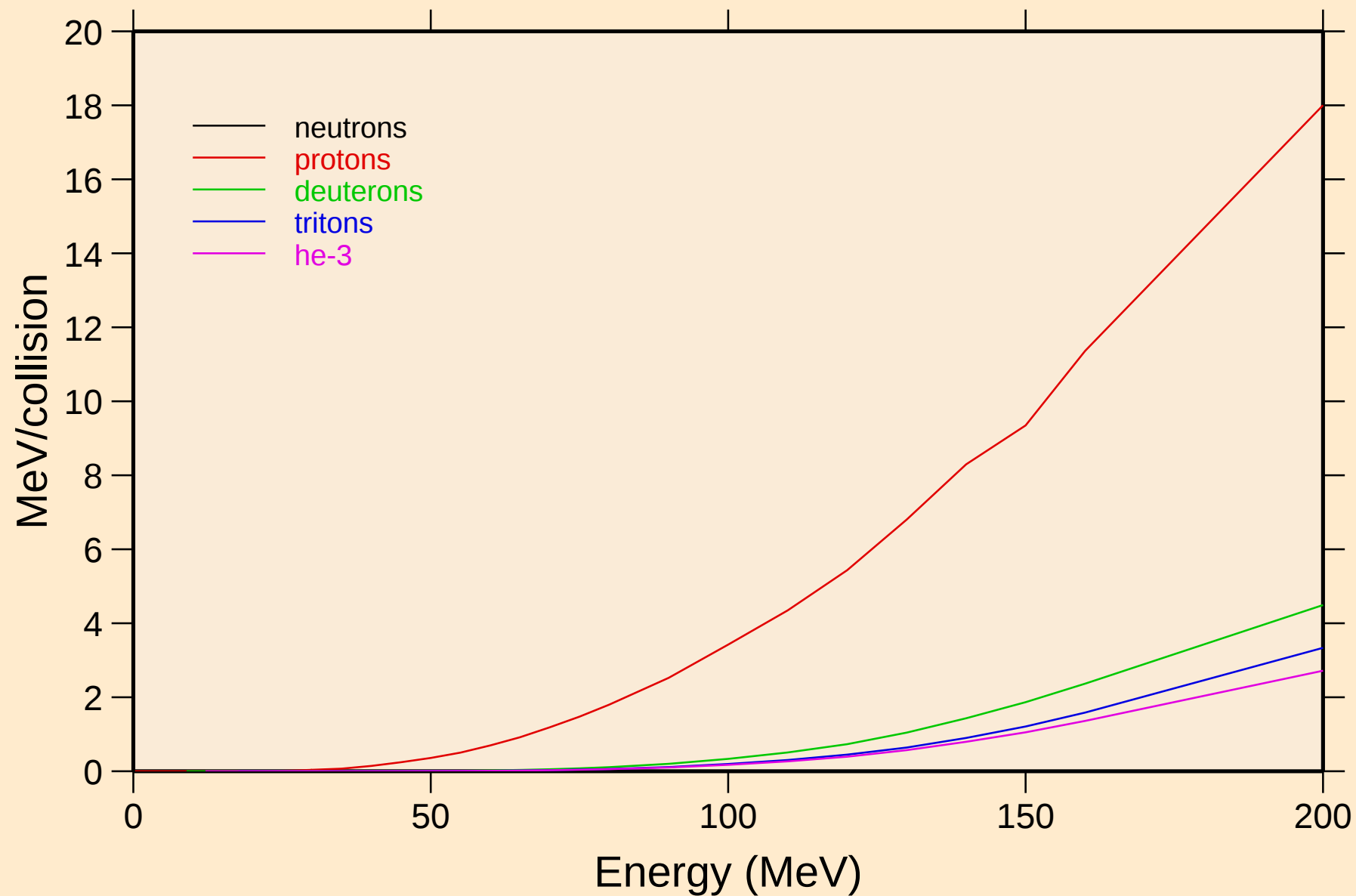
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

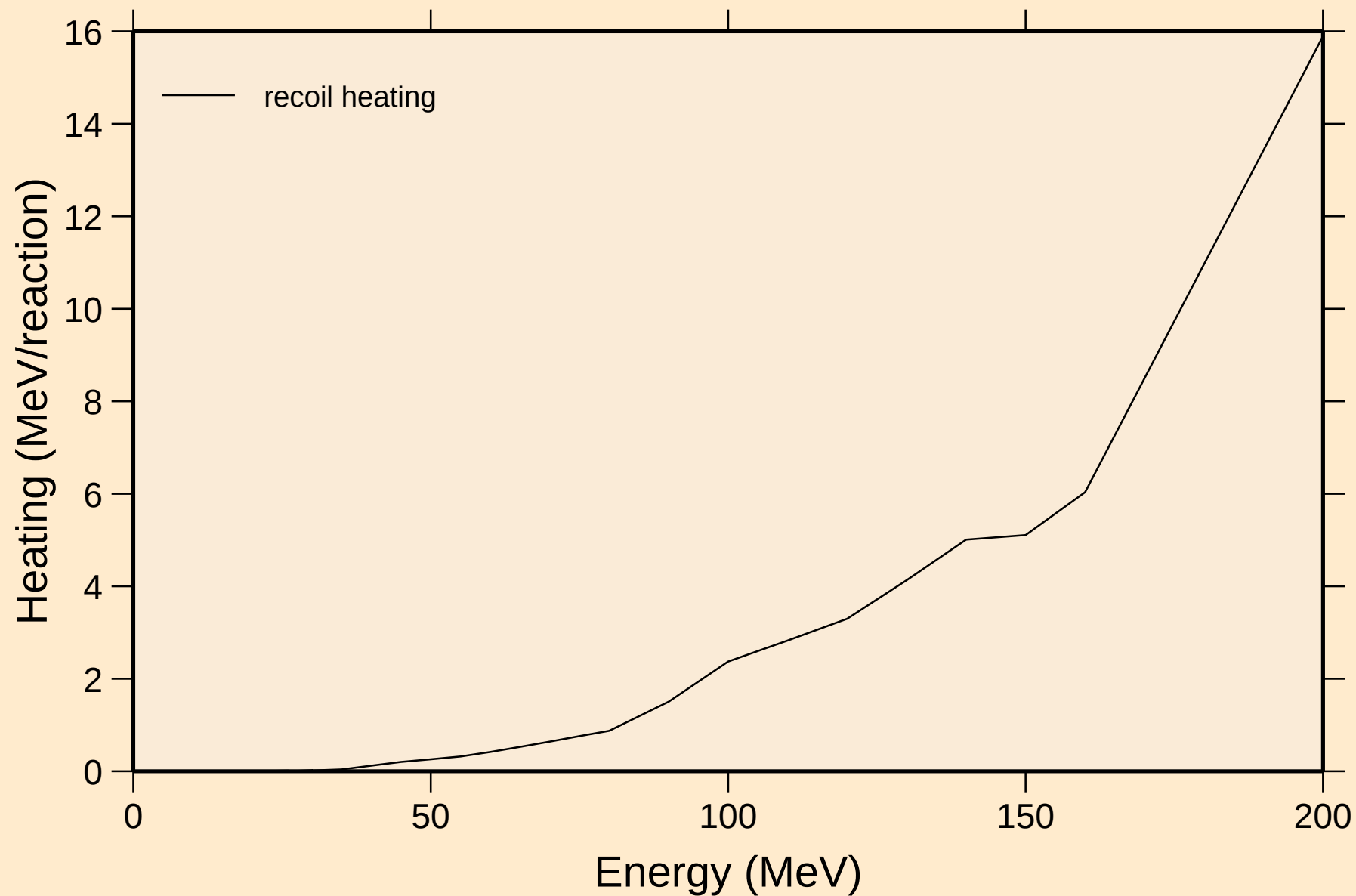


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



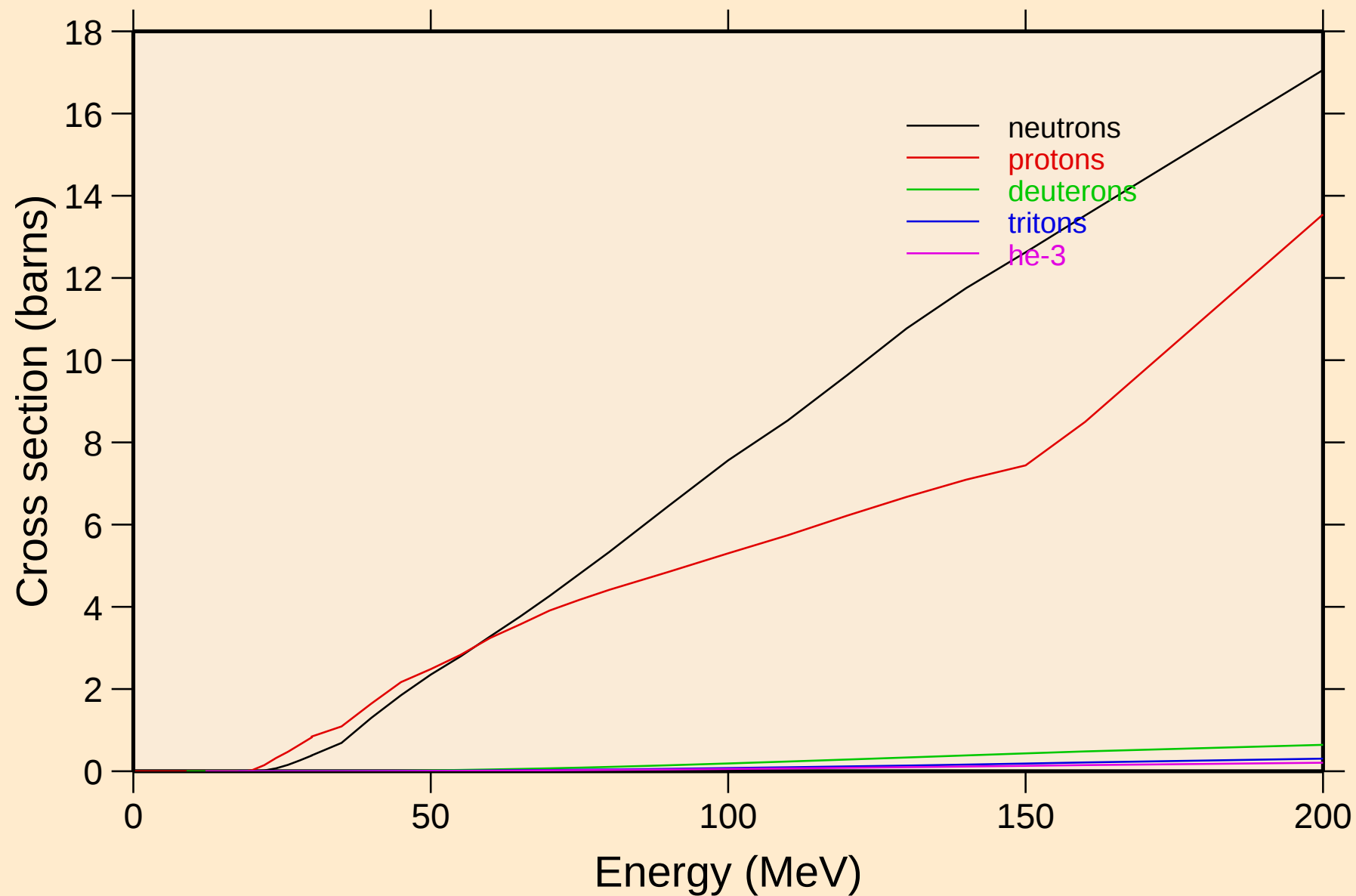
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

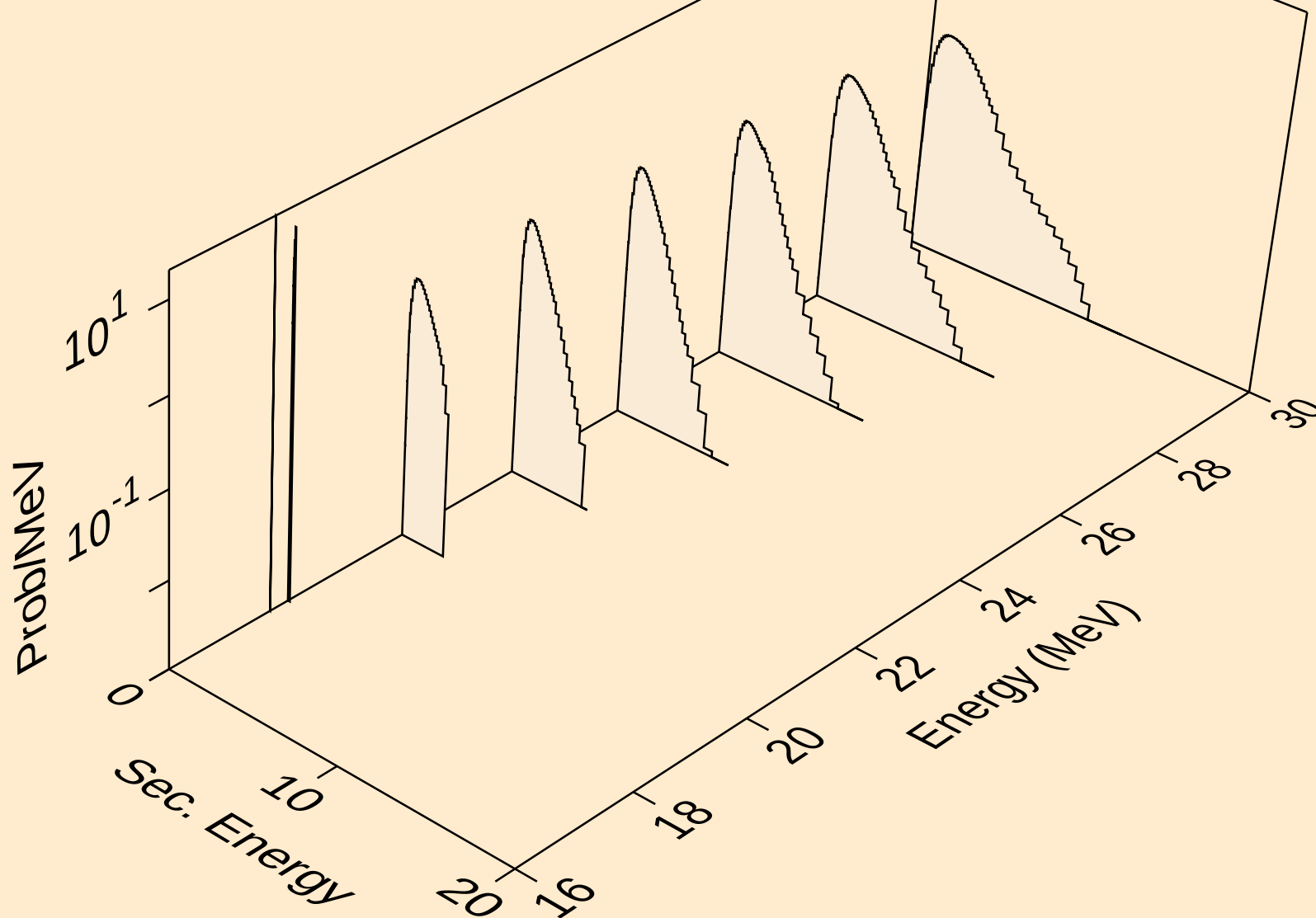


AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

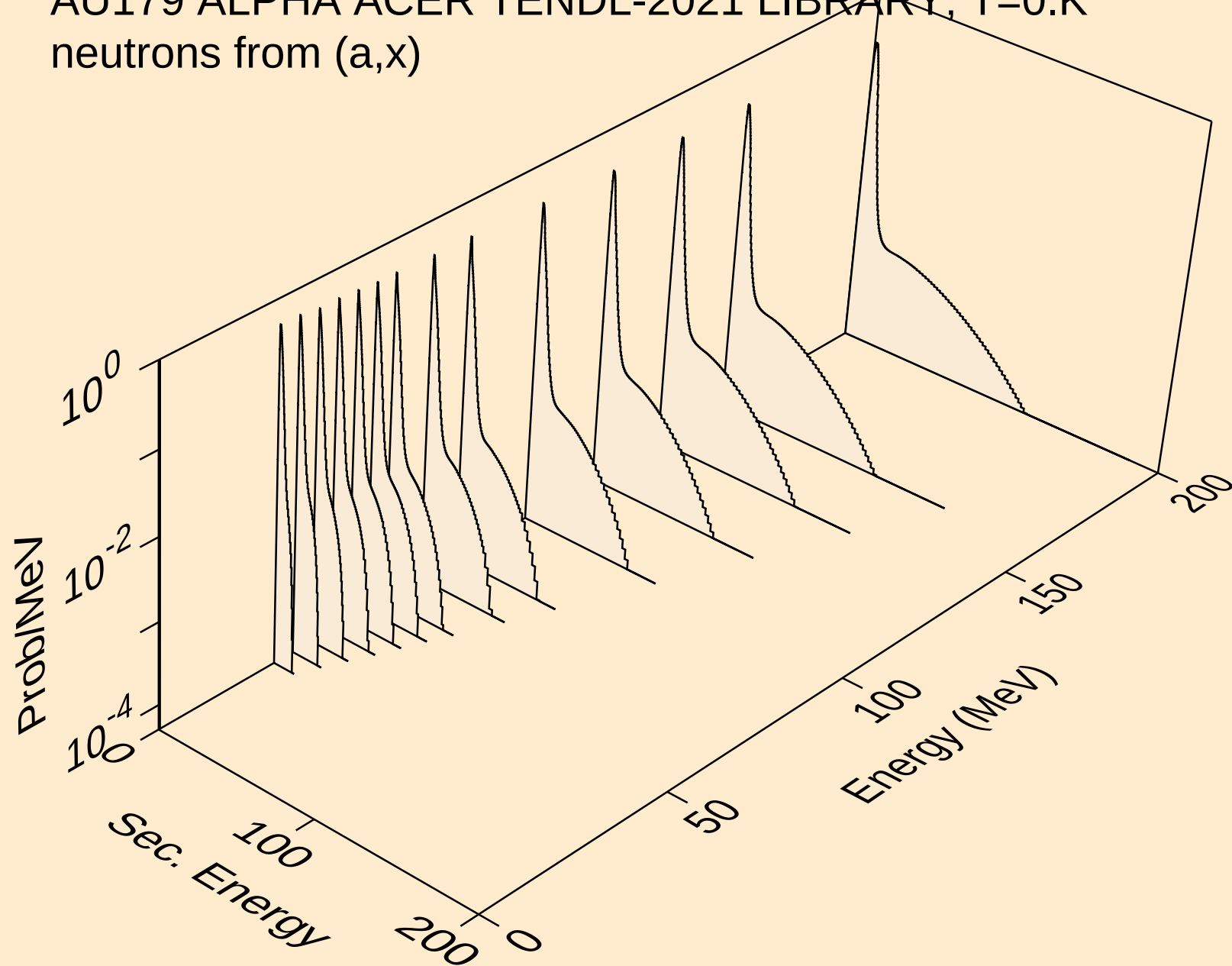
Particle production cross sections



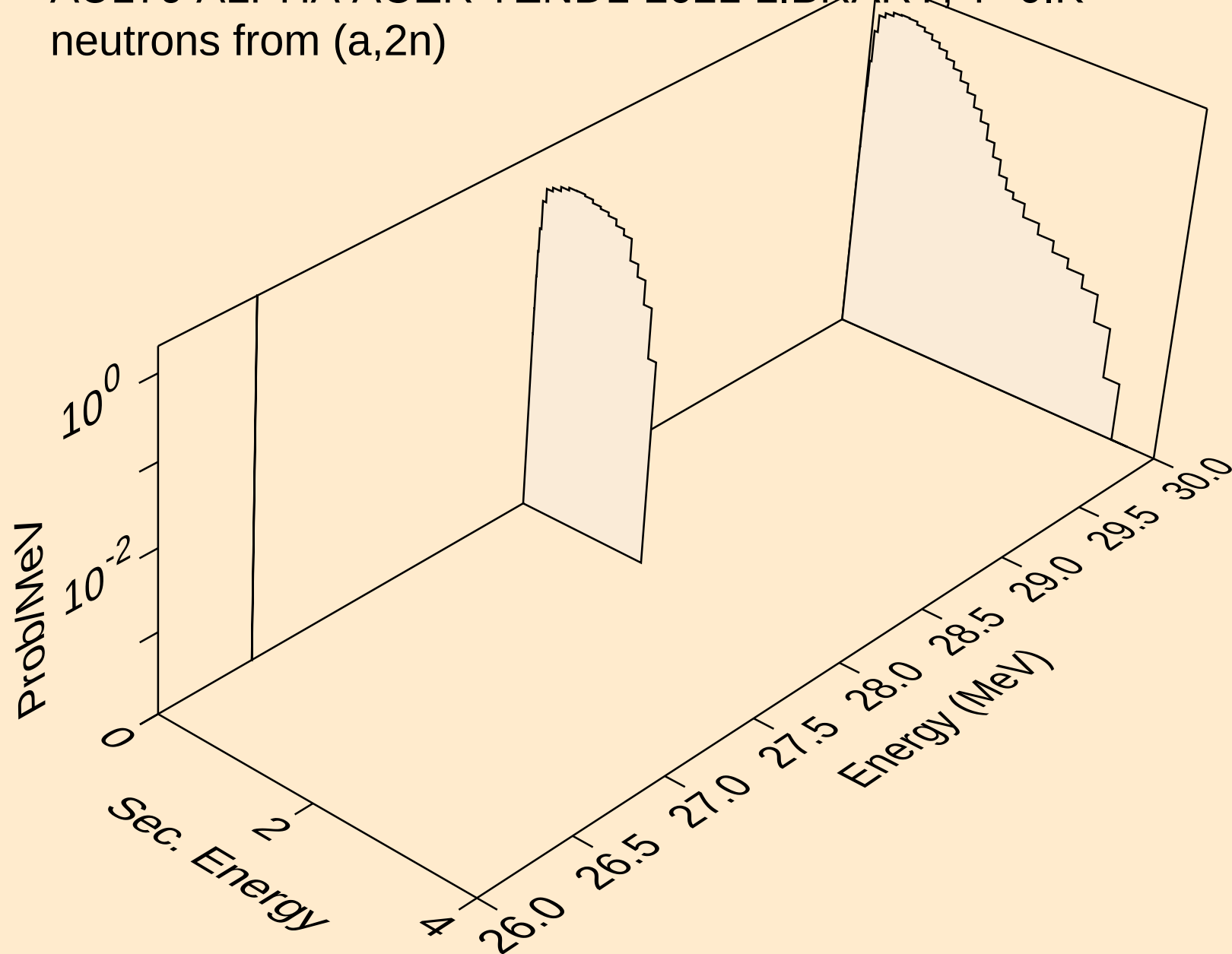
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



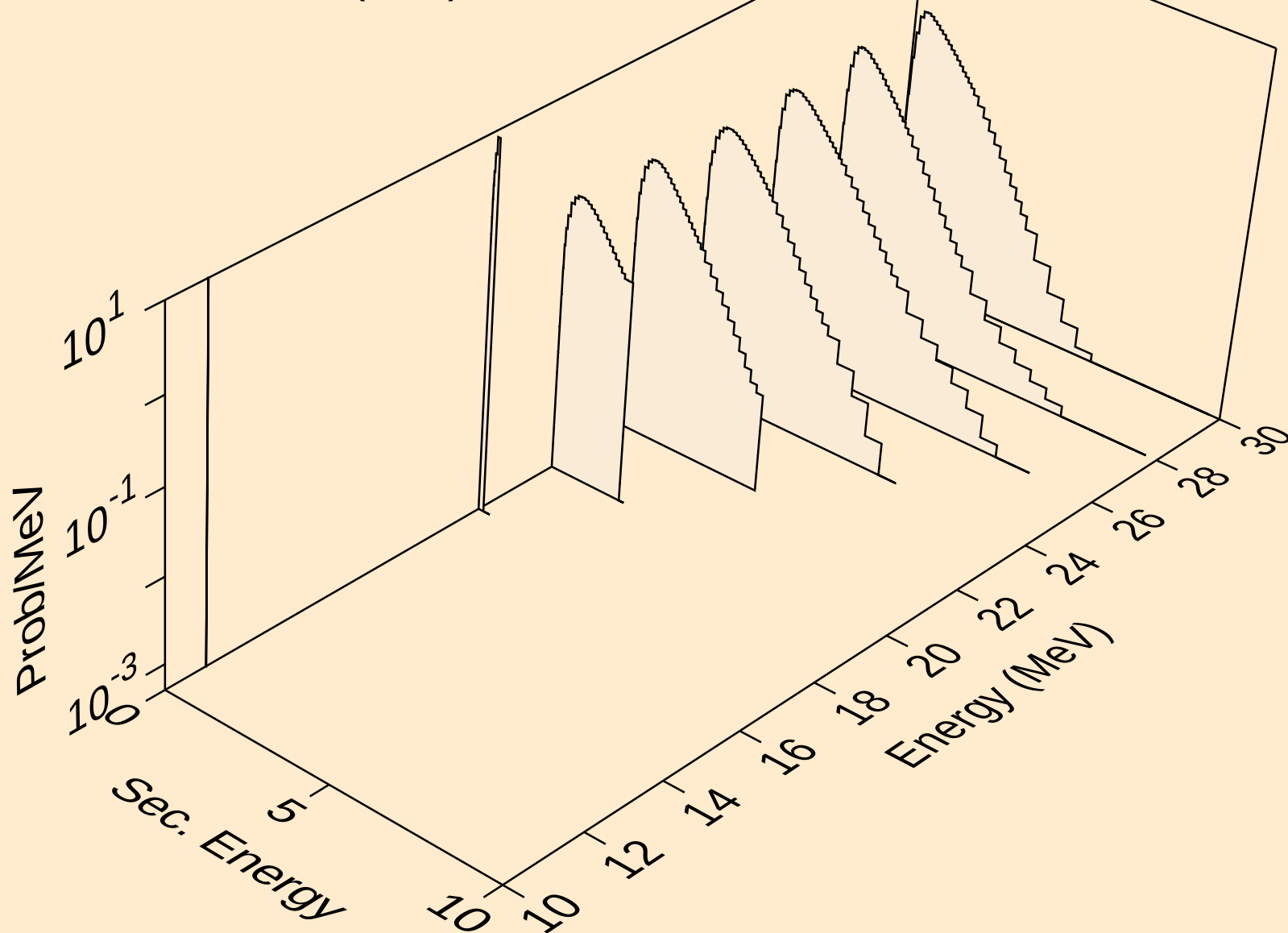
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



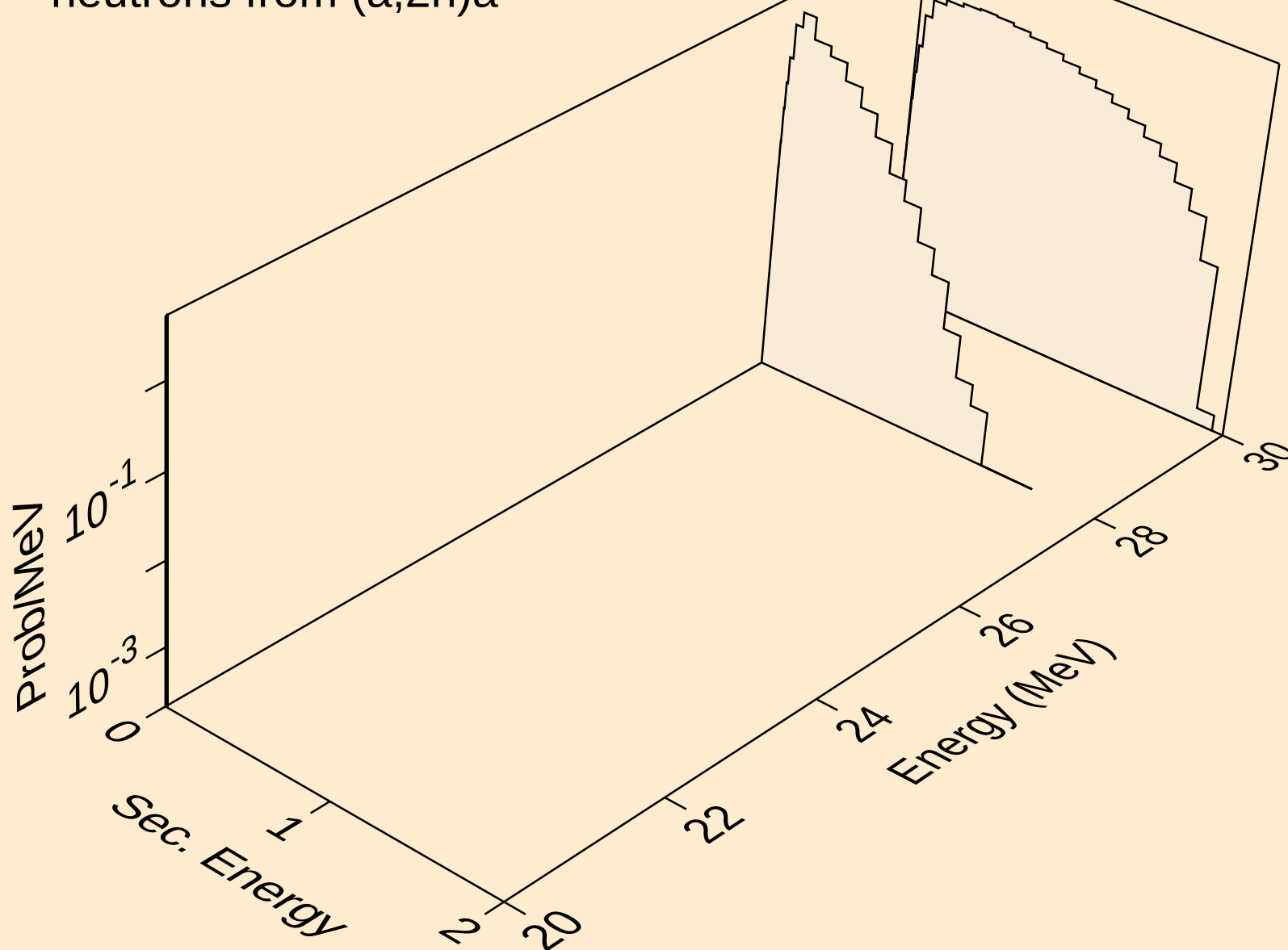
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



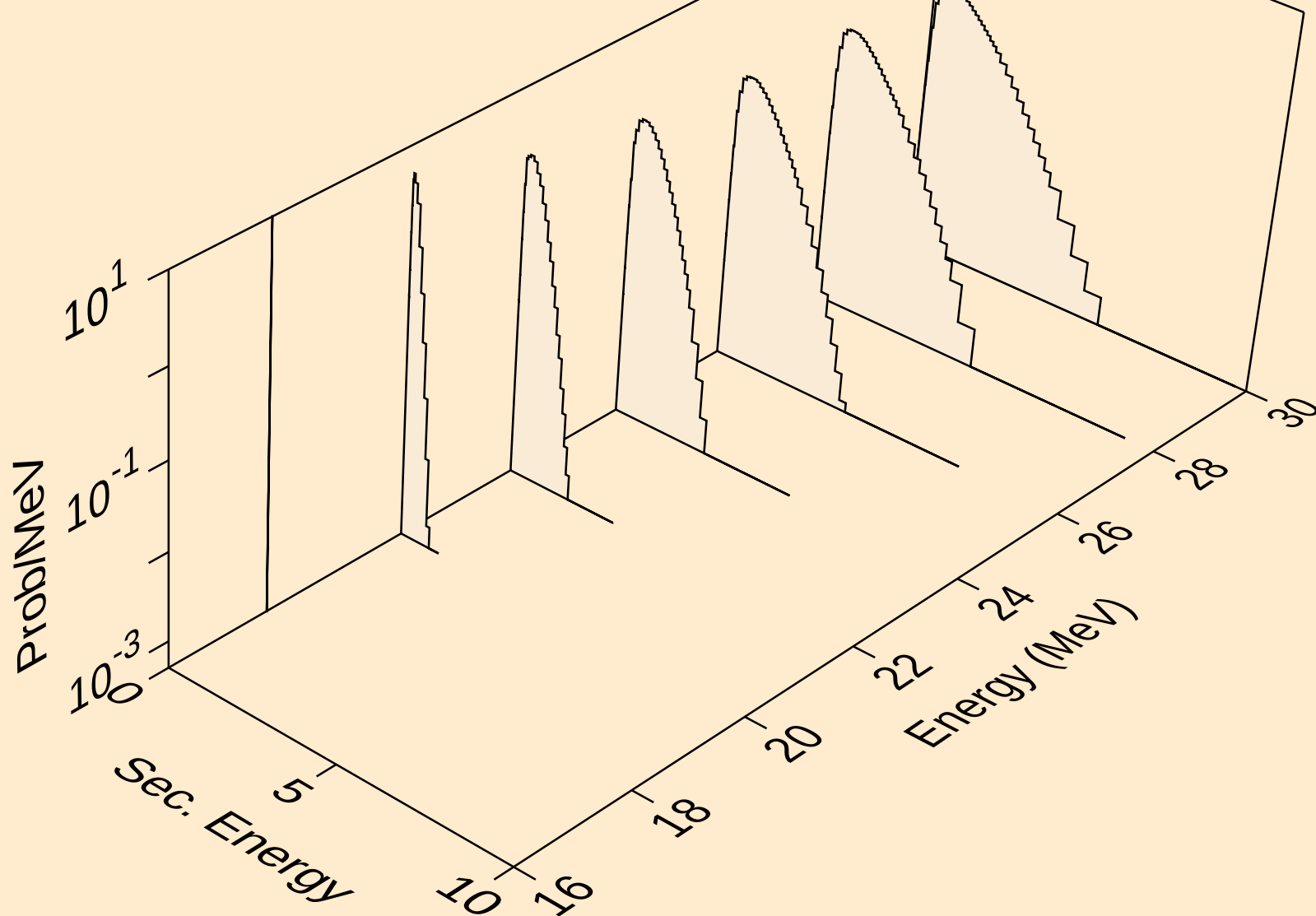
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



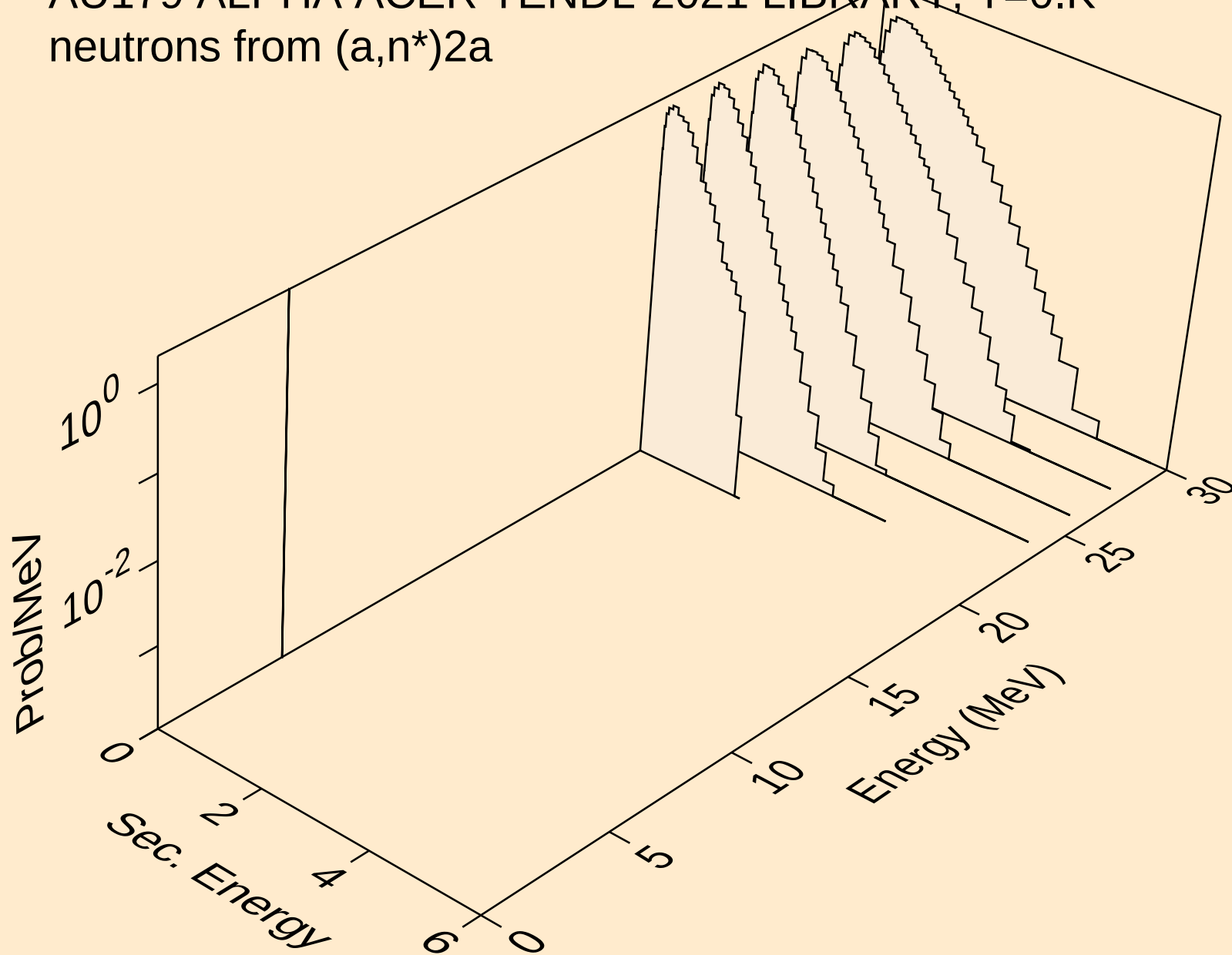
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



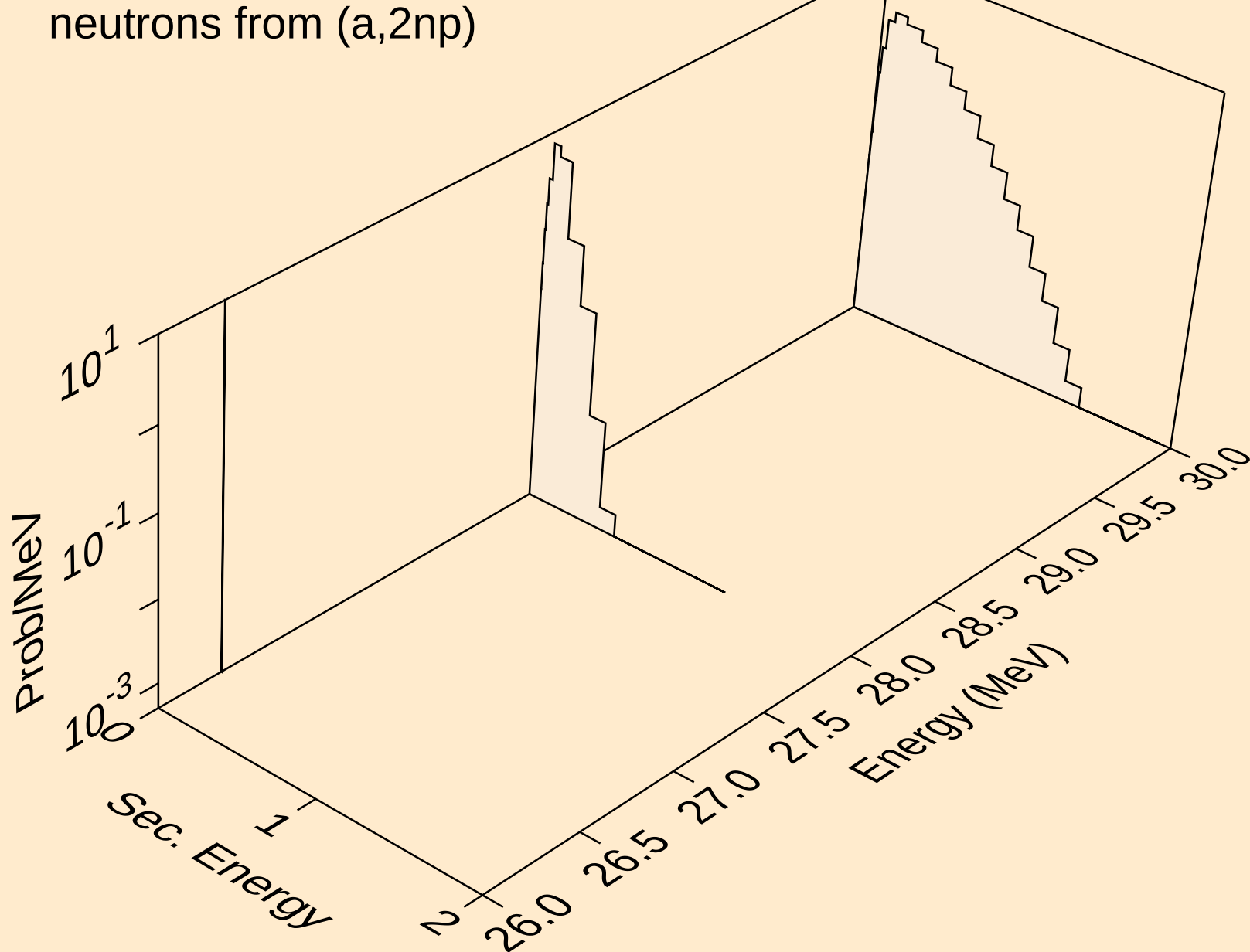
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



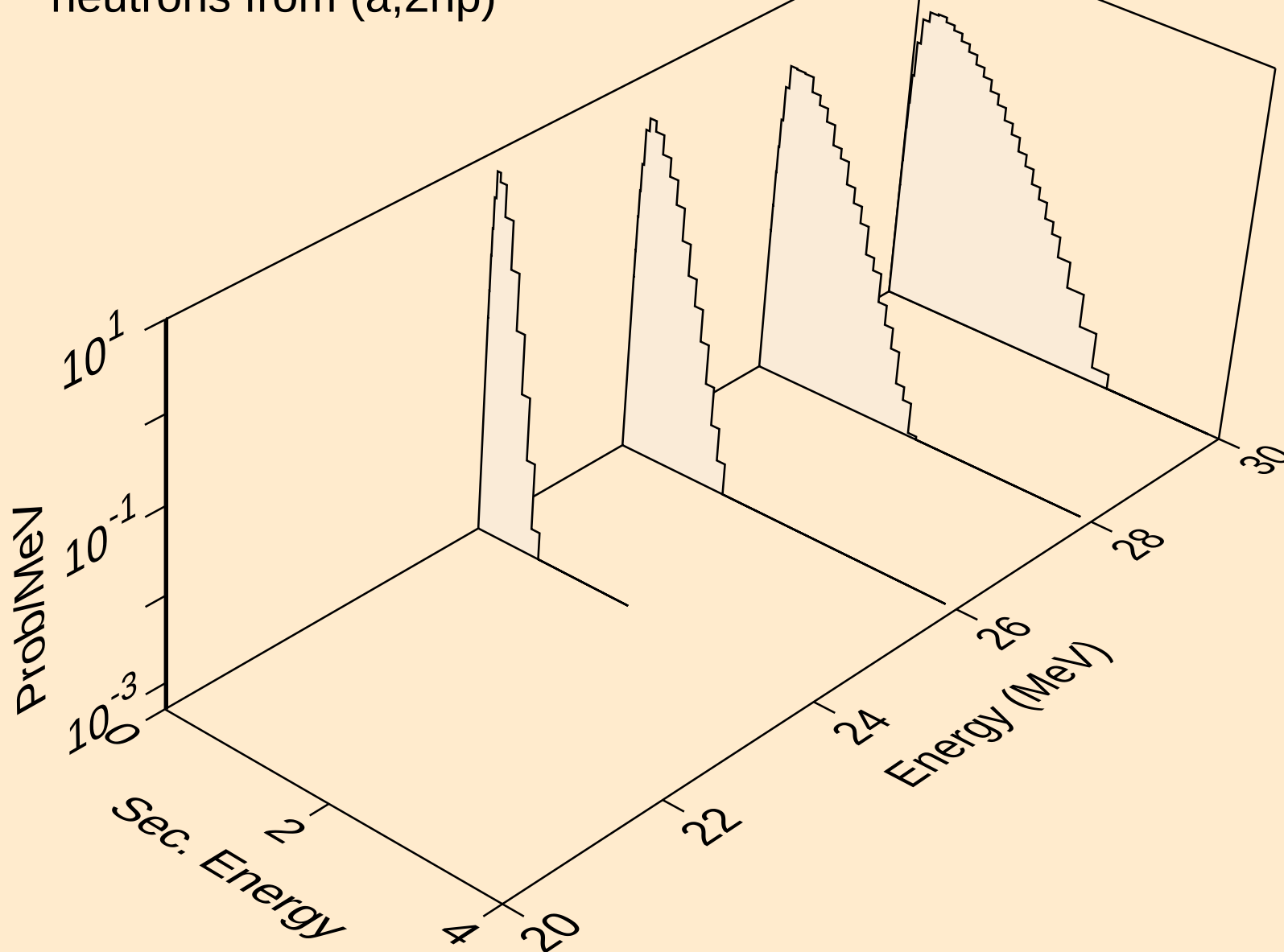
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neutrons from (a,n\*)2a



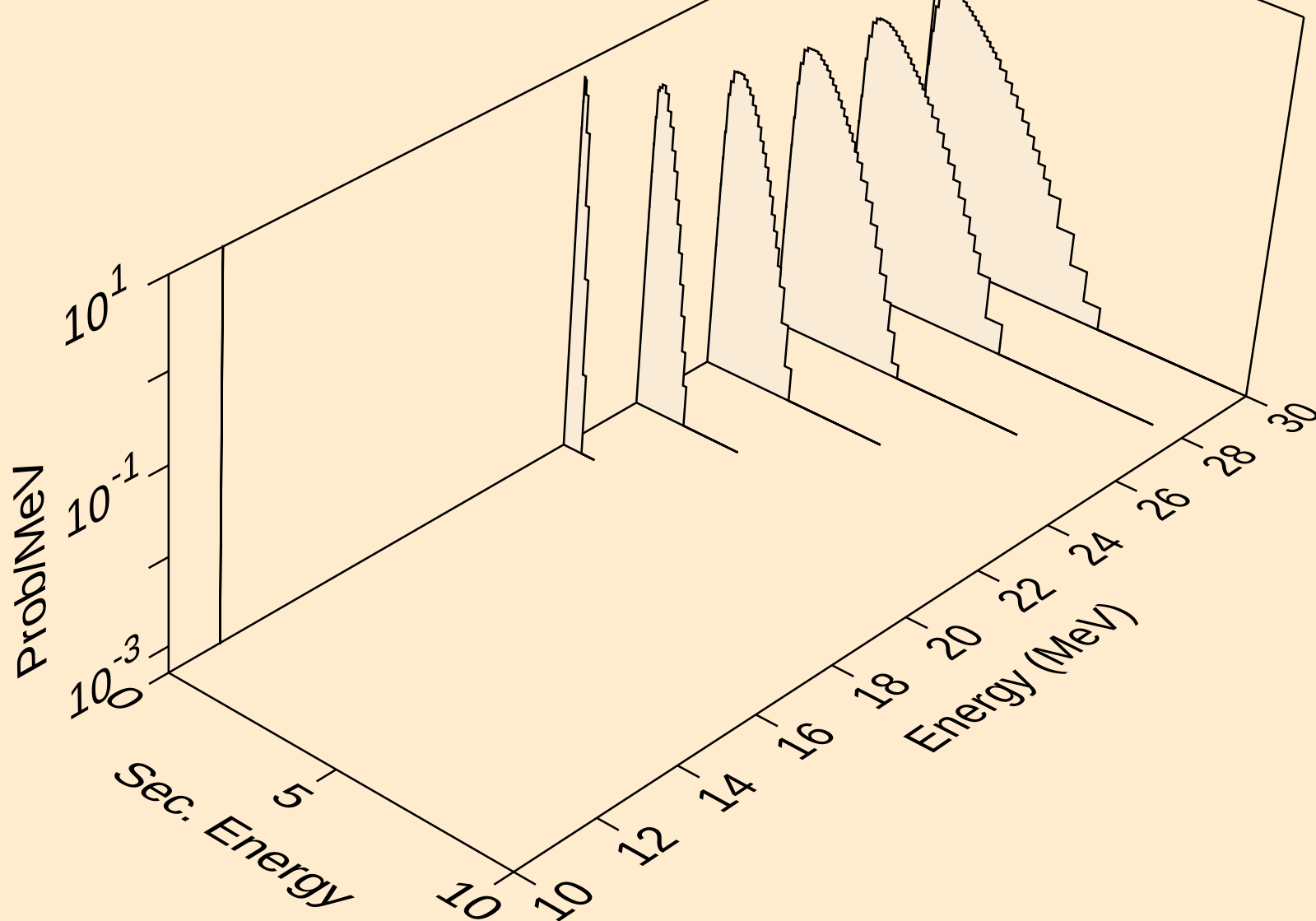
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neutrons from (a,2np)



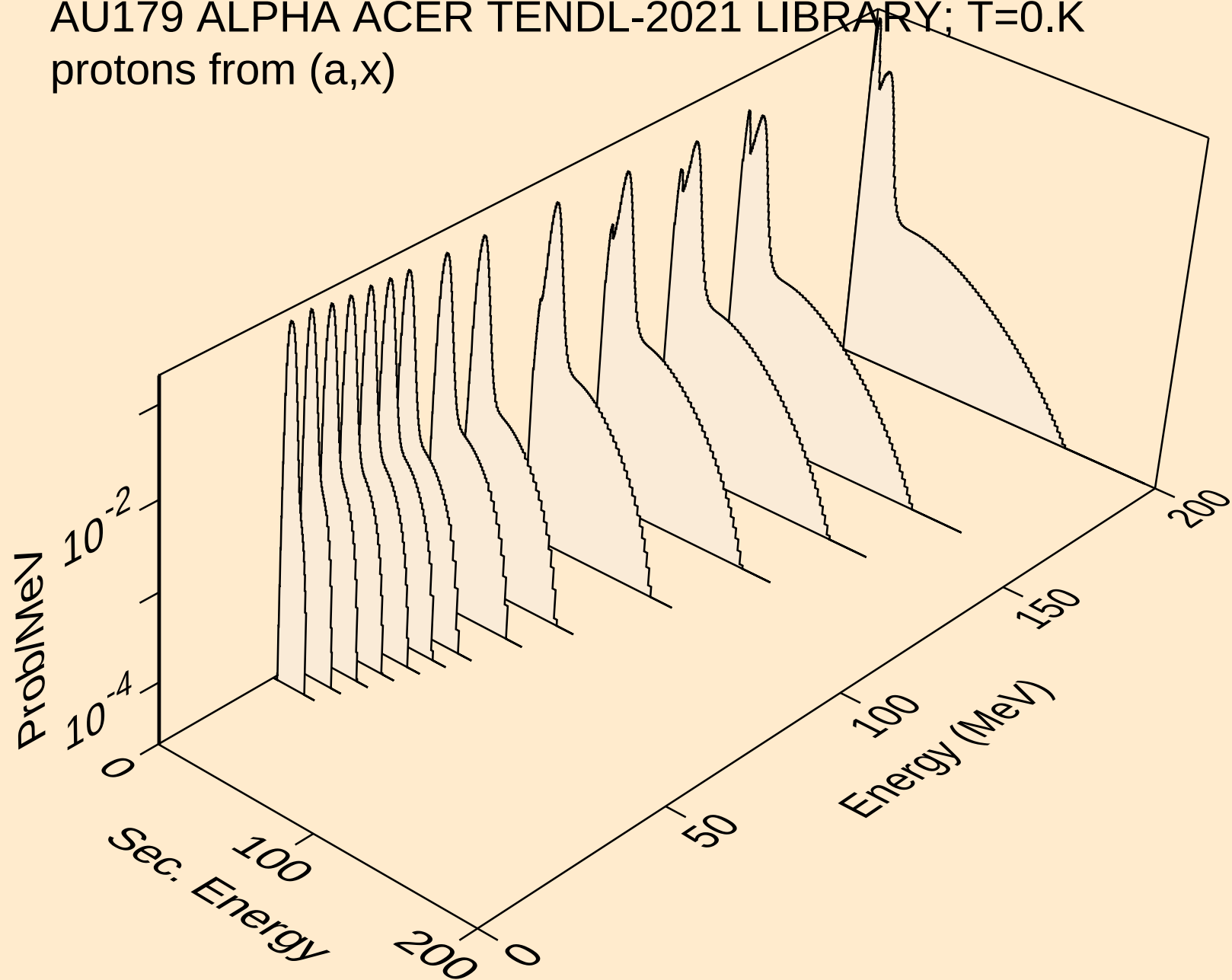
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neutrons from (a,2np)



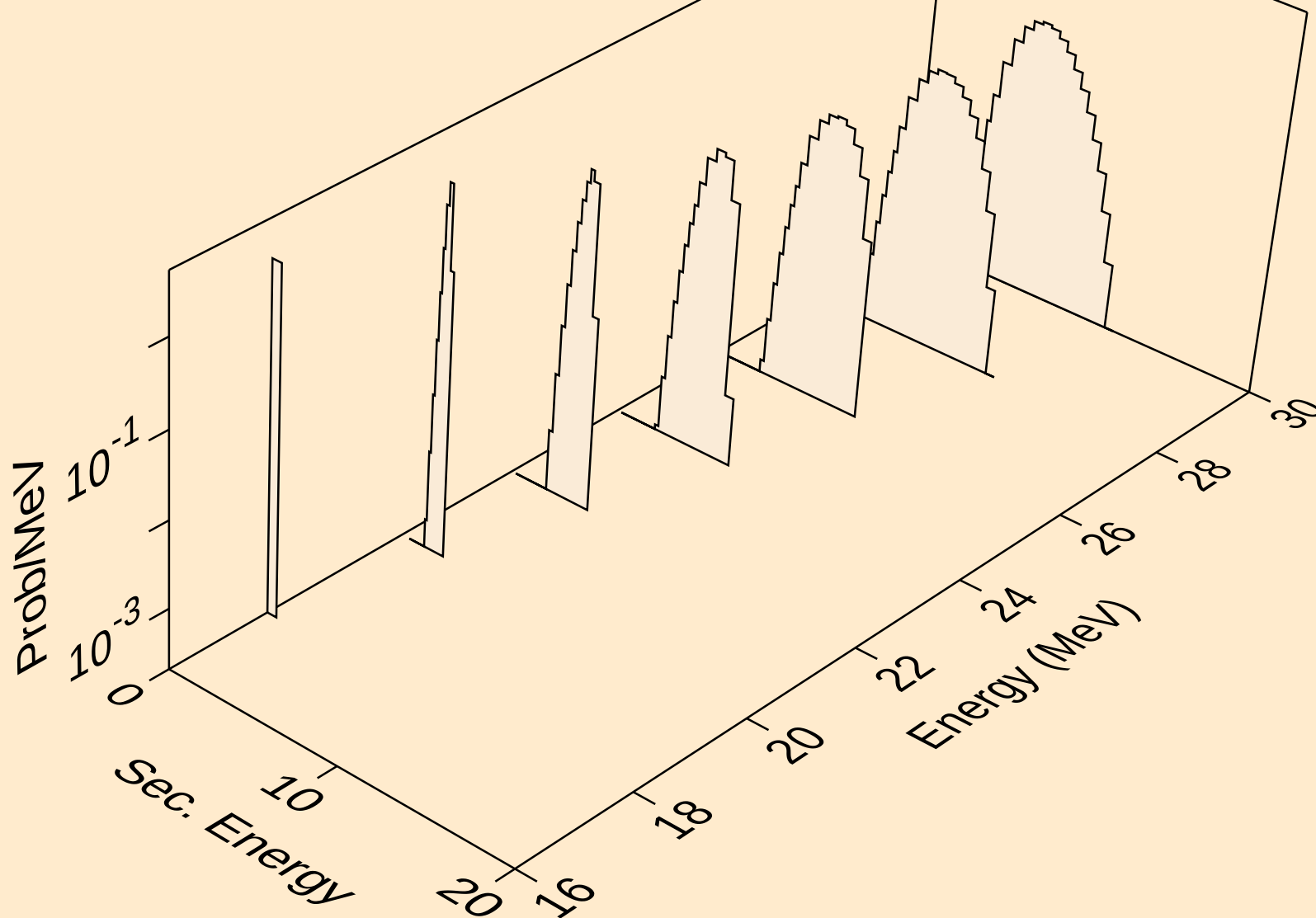
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neutrons from (a,npa)



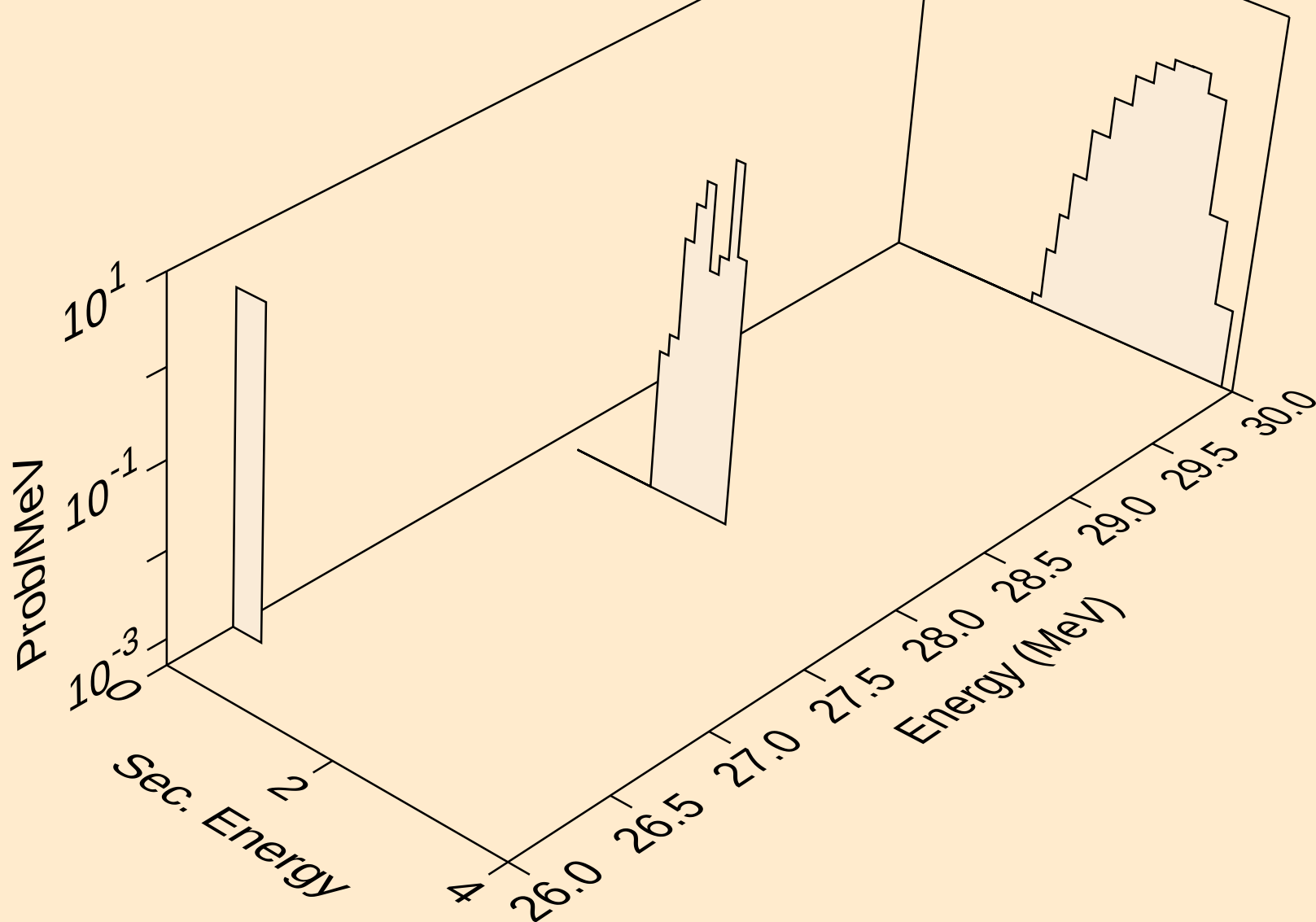
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protons from (a,x)



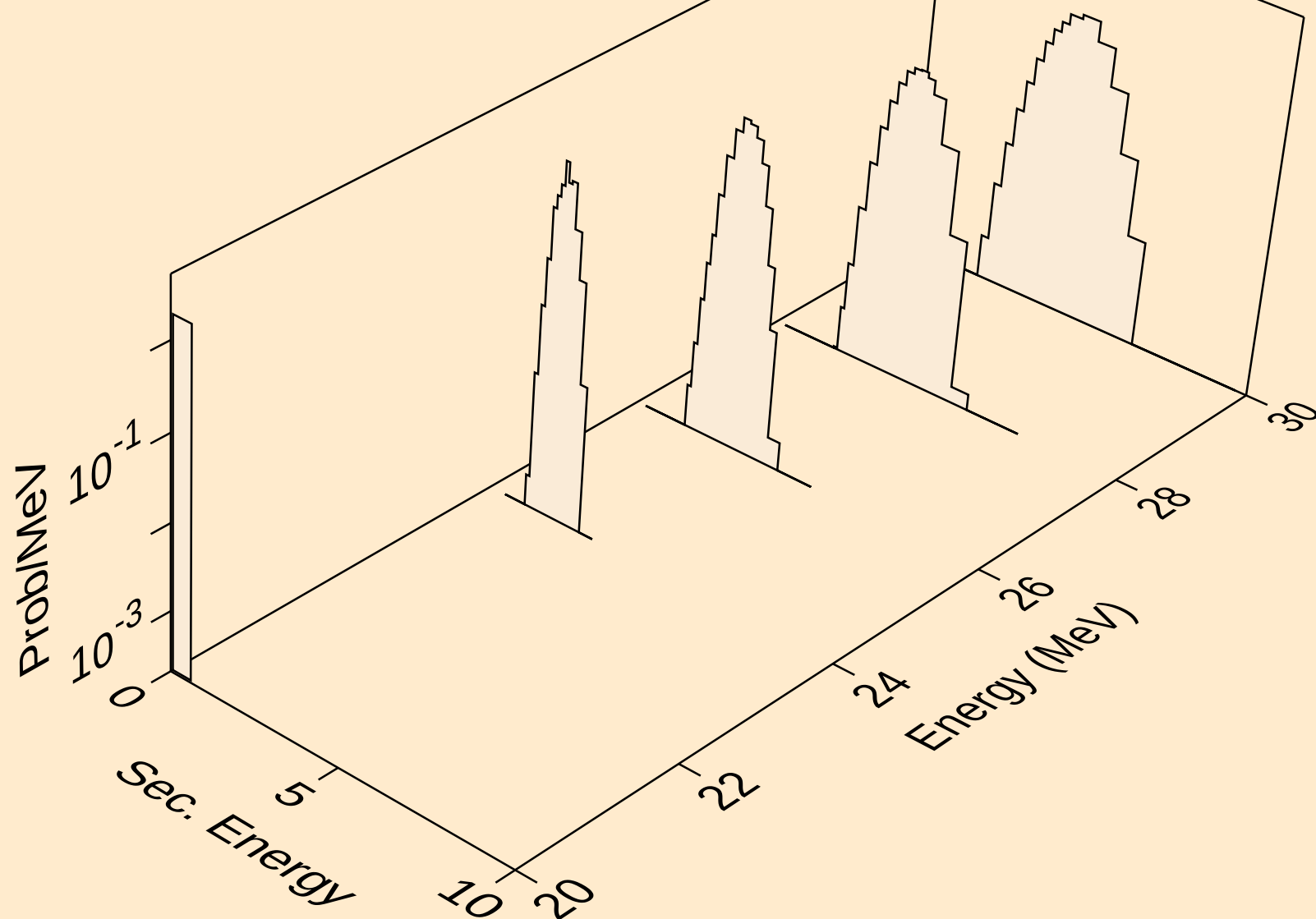
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protons from (a,n\*)p



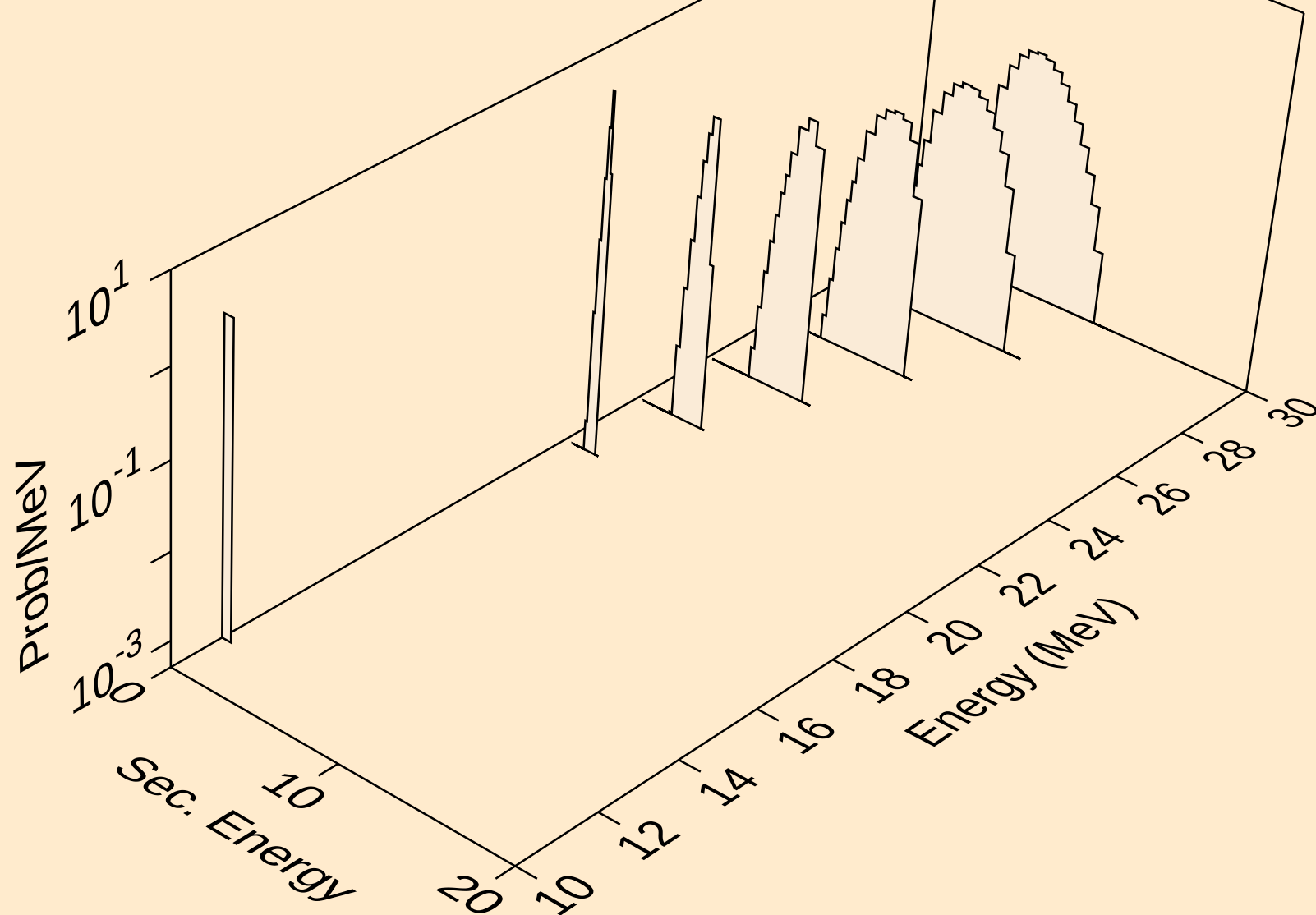
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protons from (a,2np)



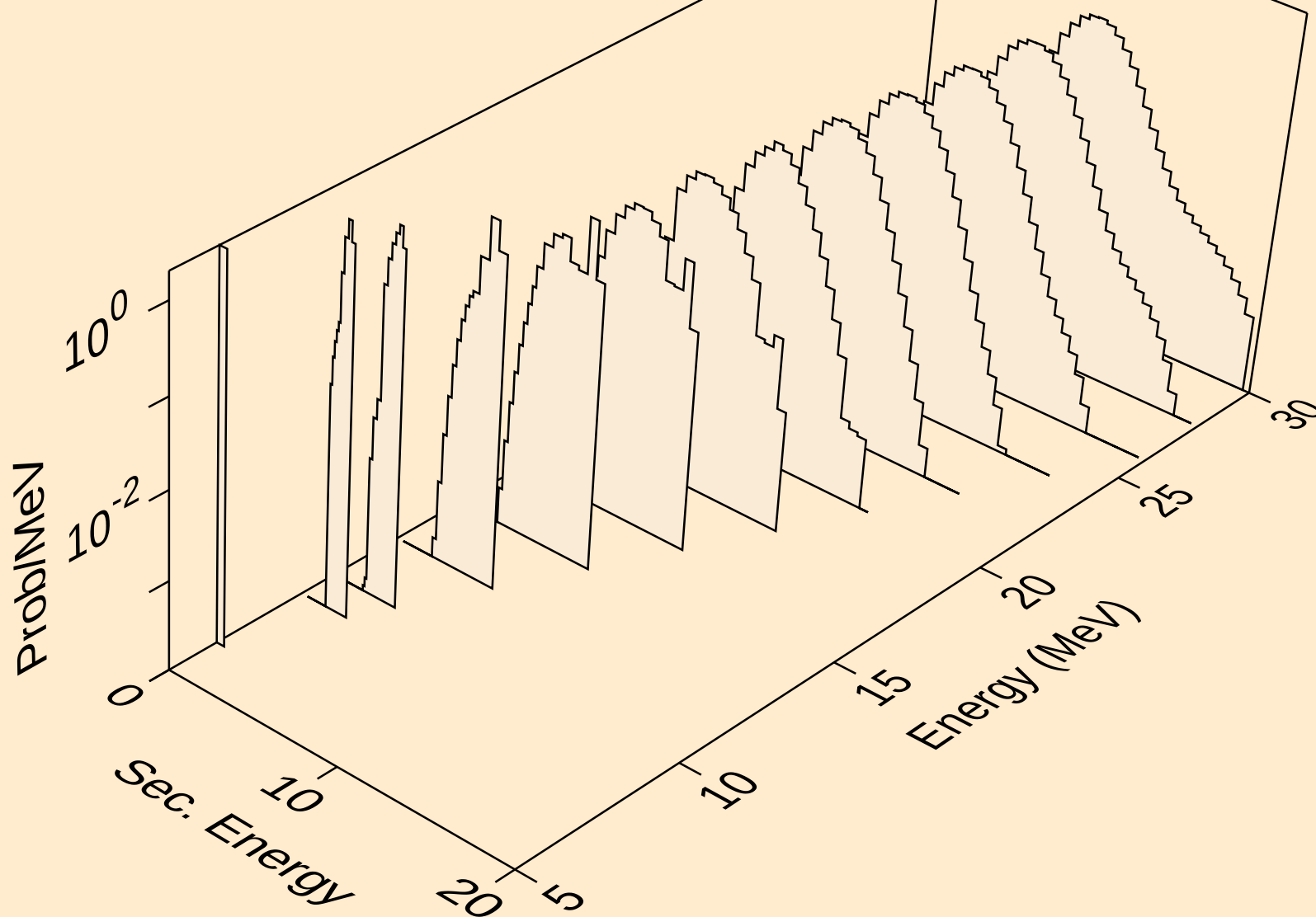
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protons from (a,2np)



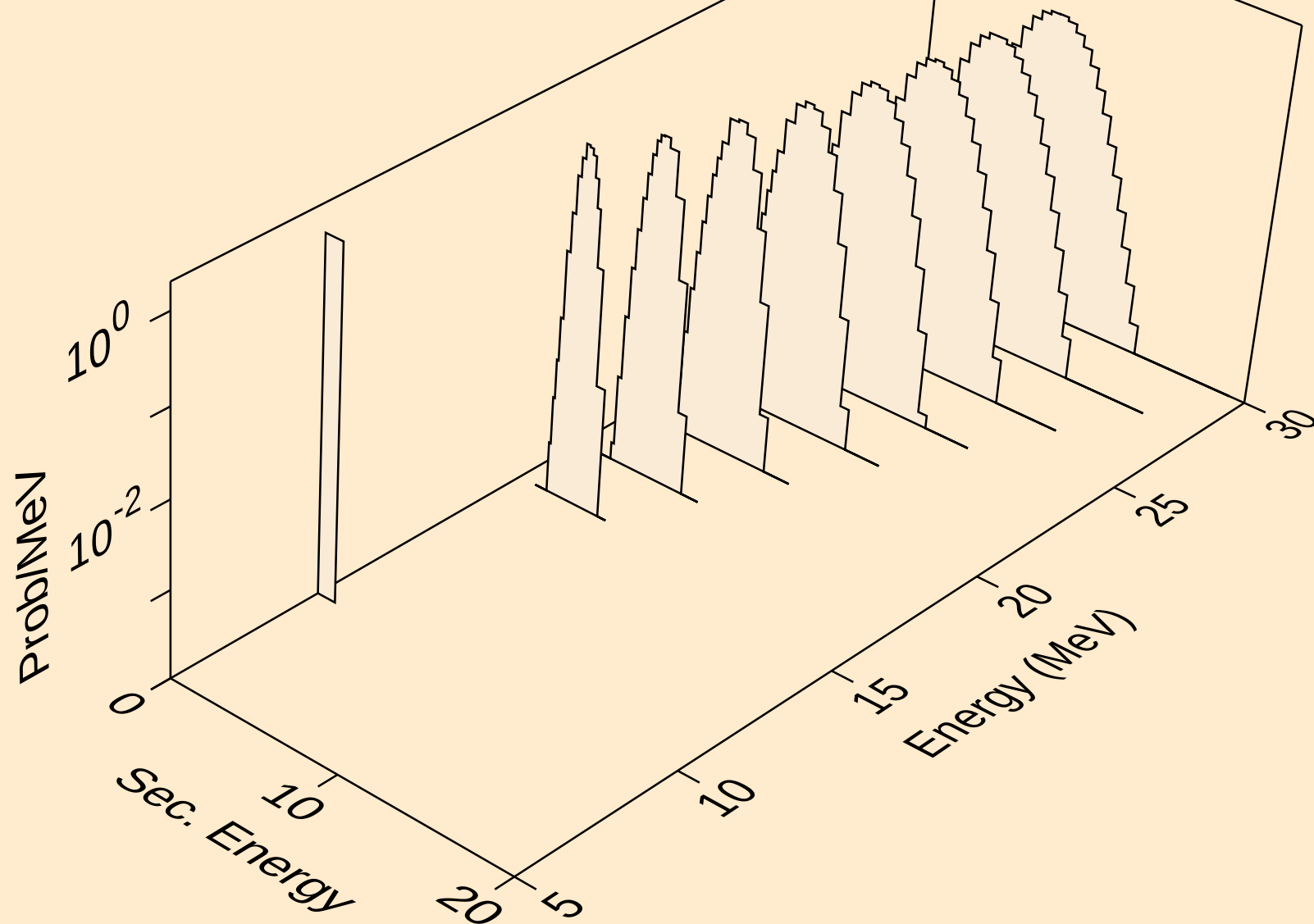
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protons from (a,npa)



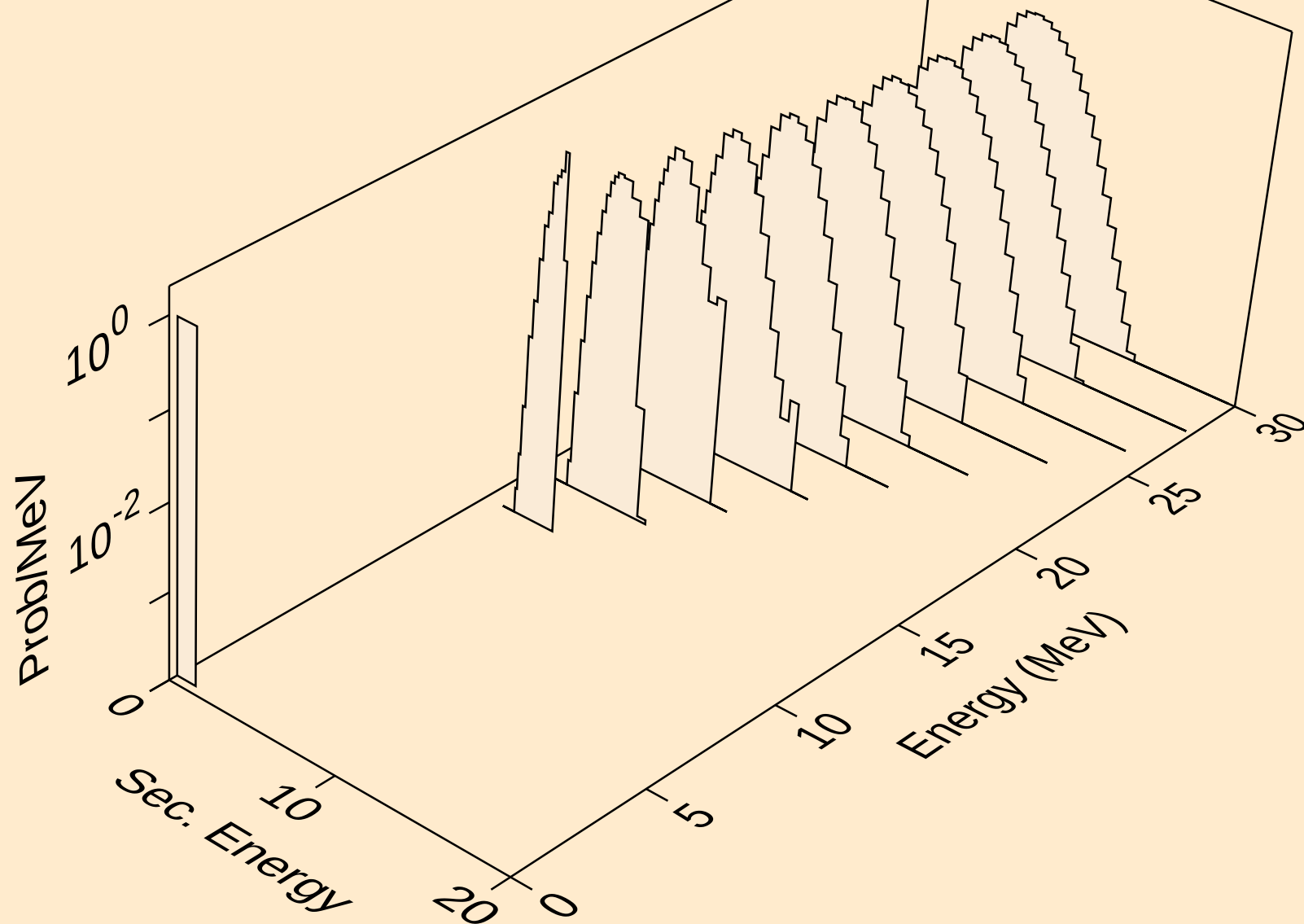
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



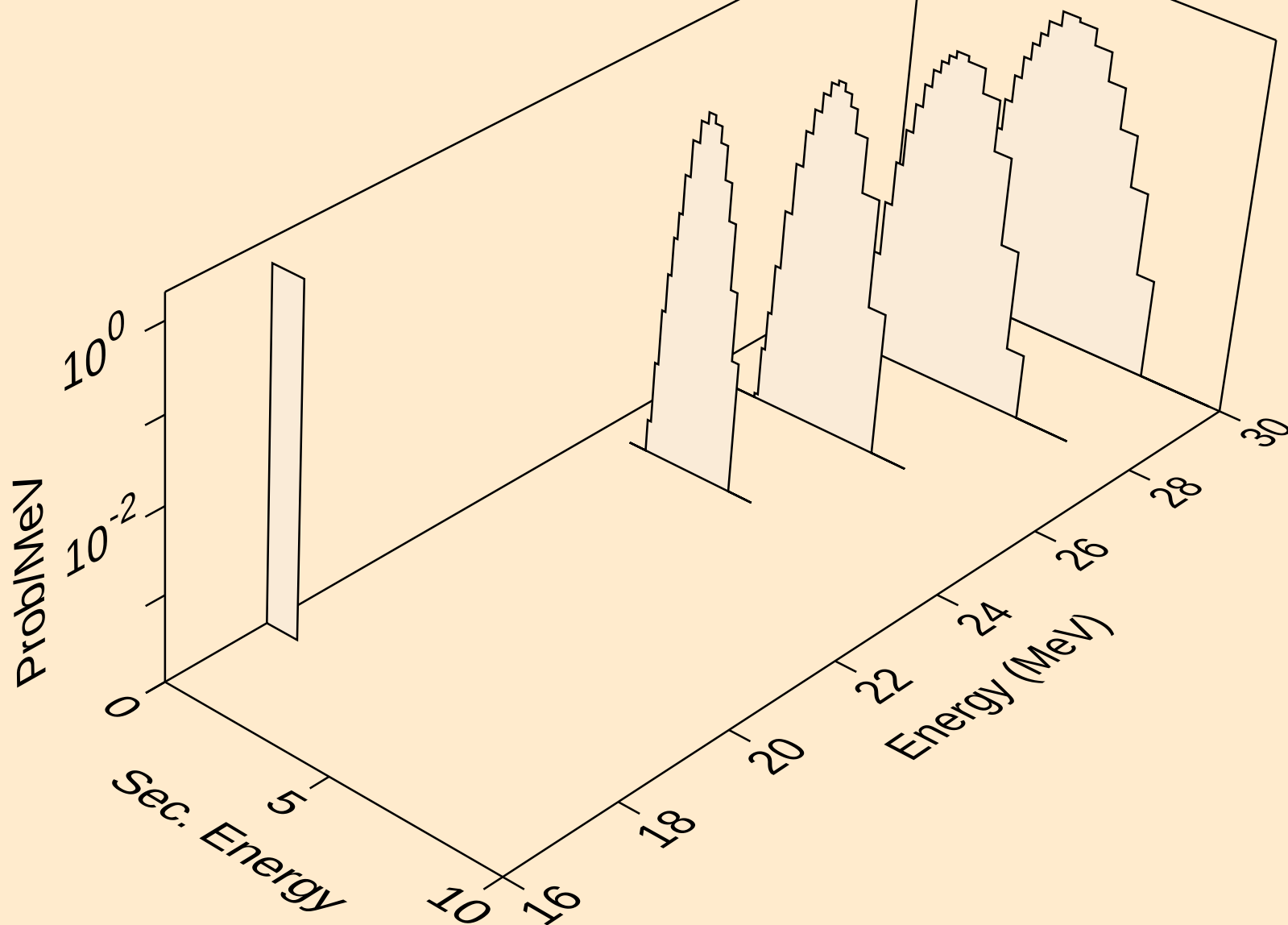
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protons from (a,2p)



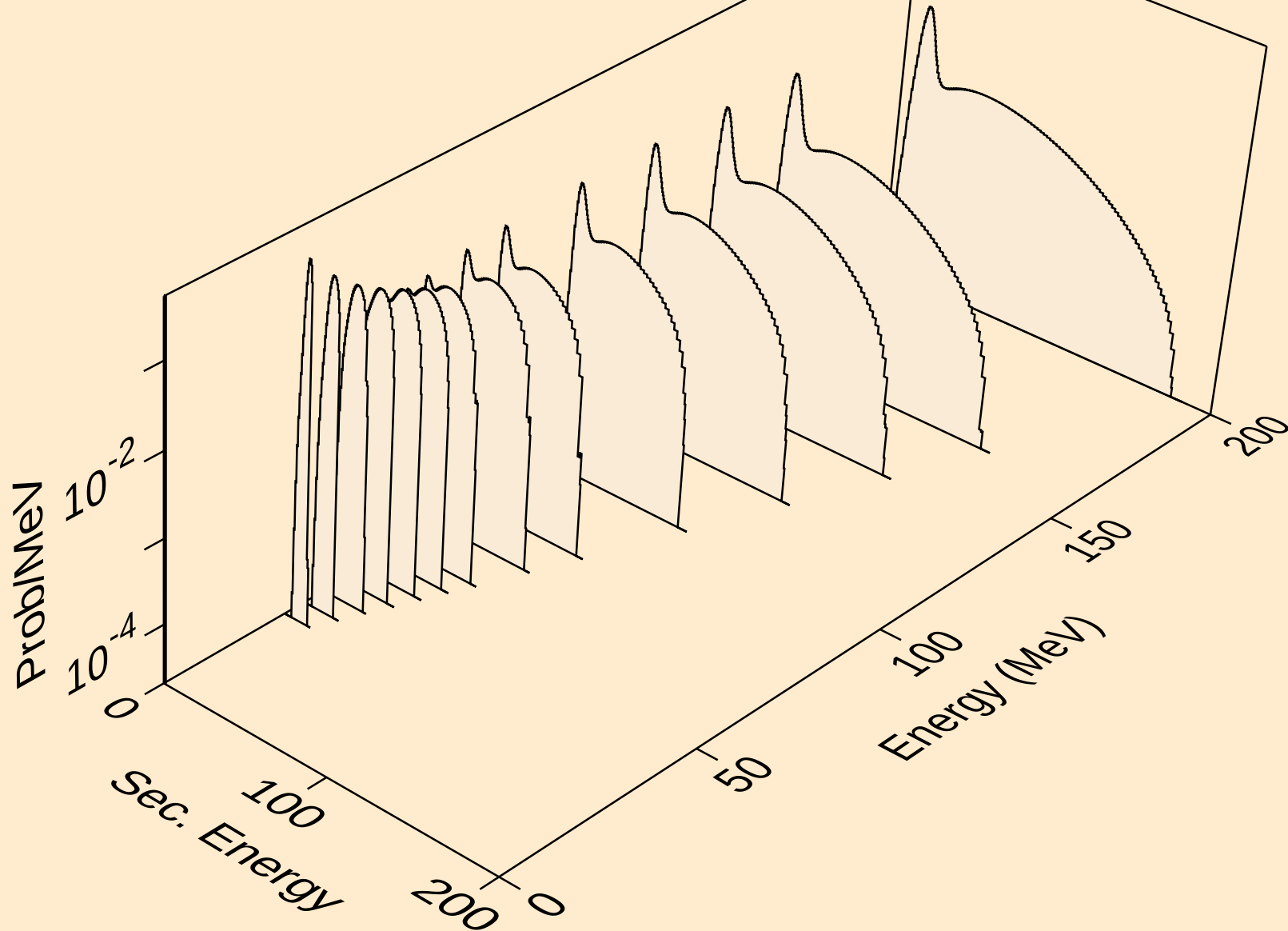
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protons from (a,pa)



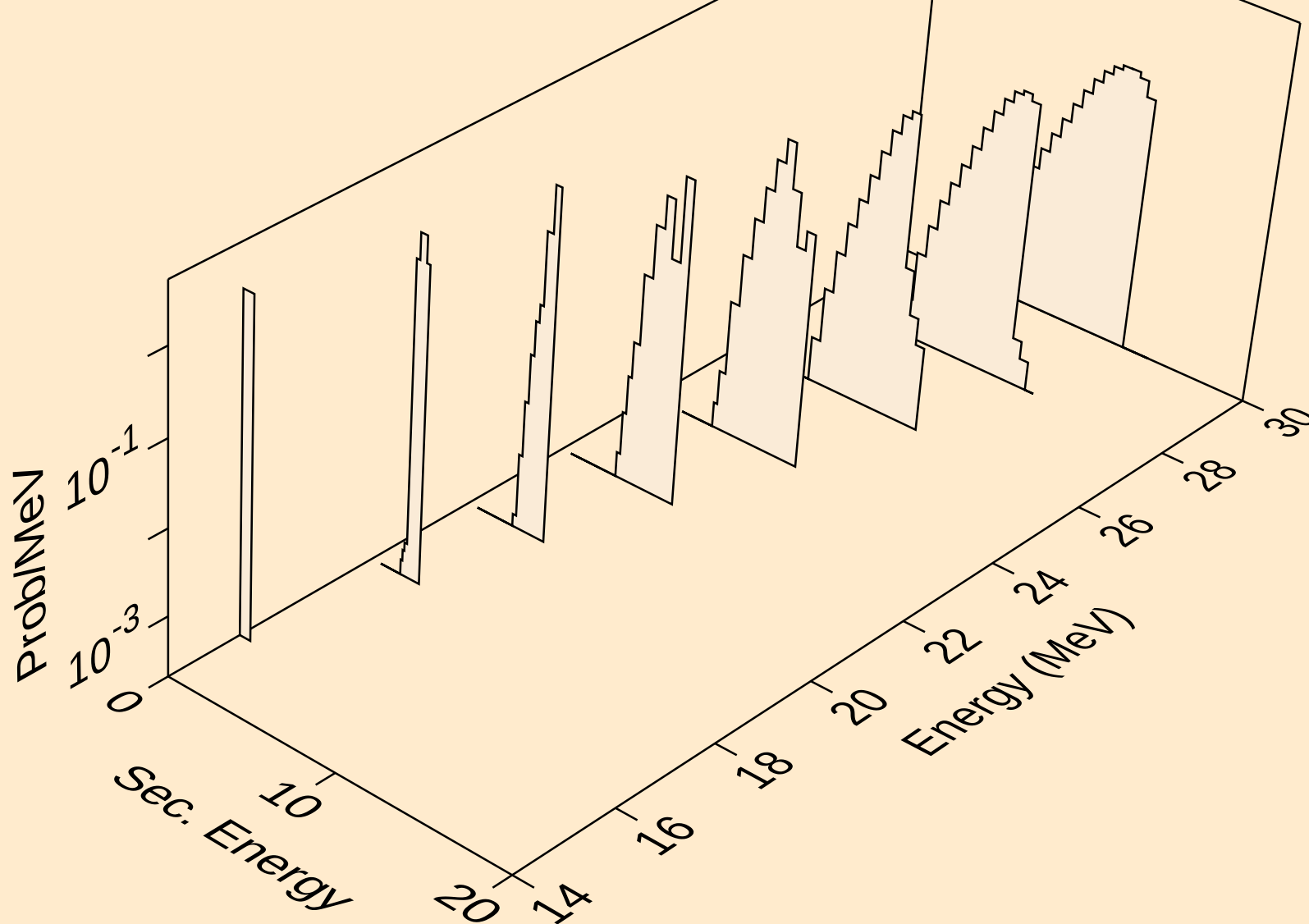
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protons from (a,pd)



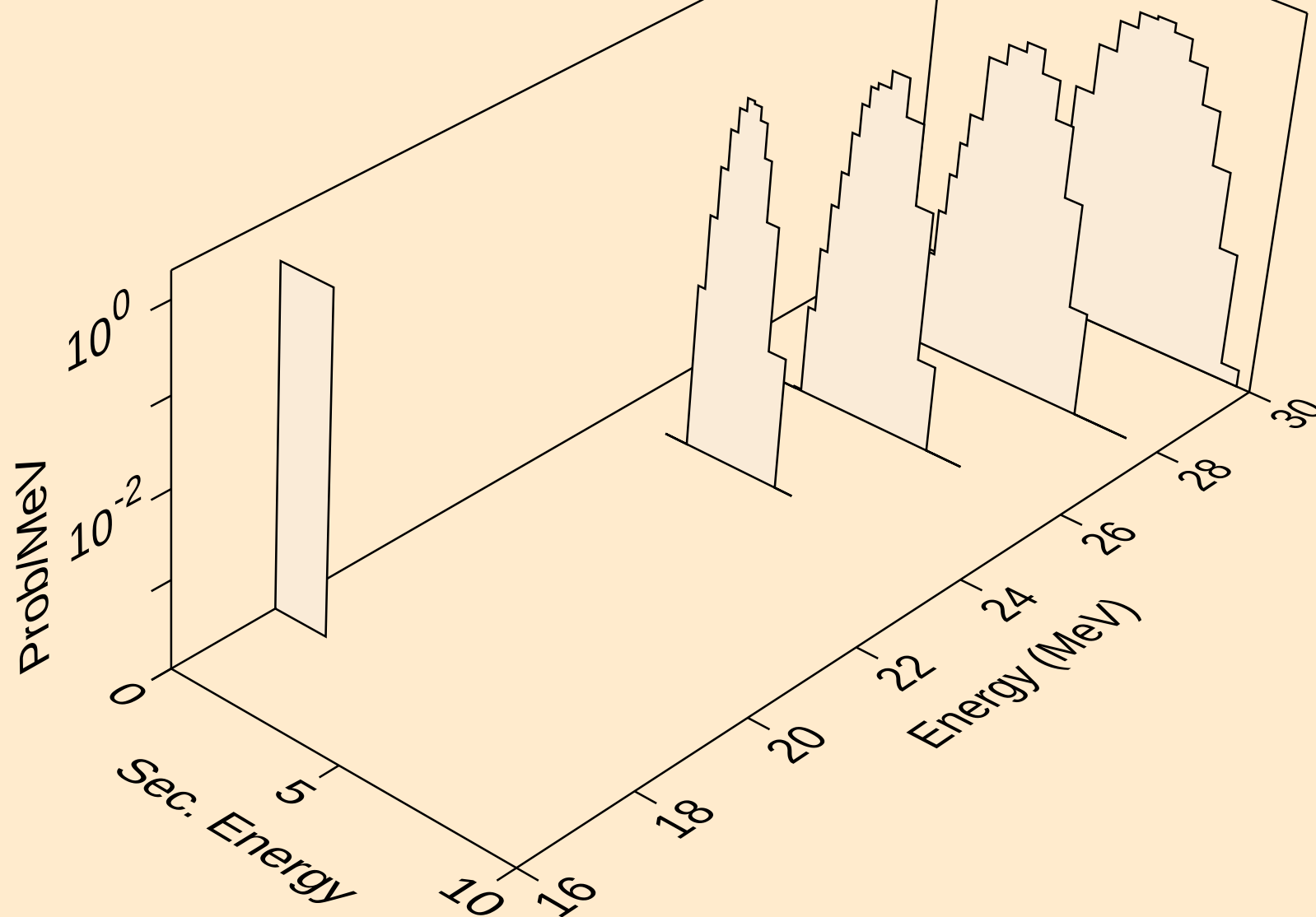
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



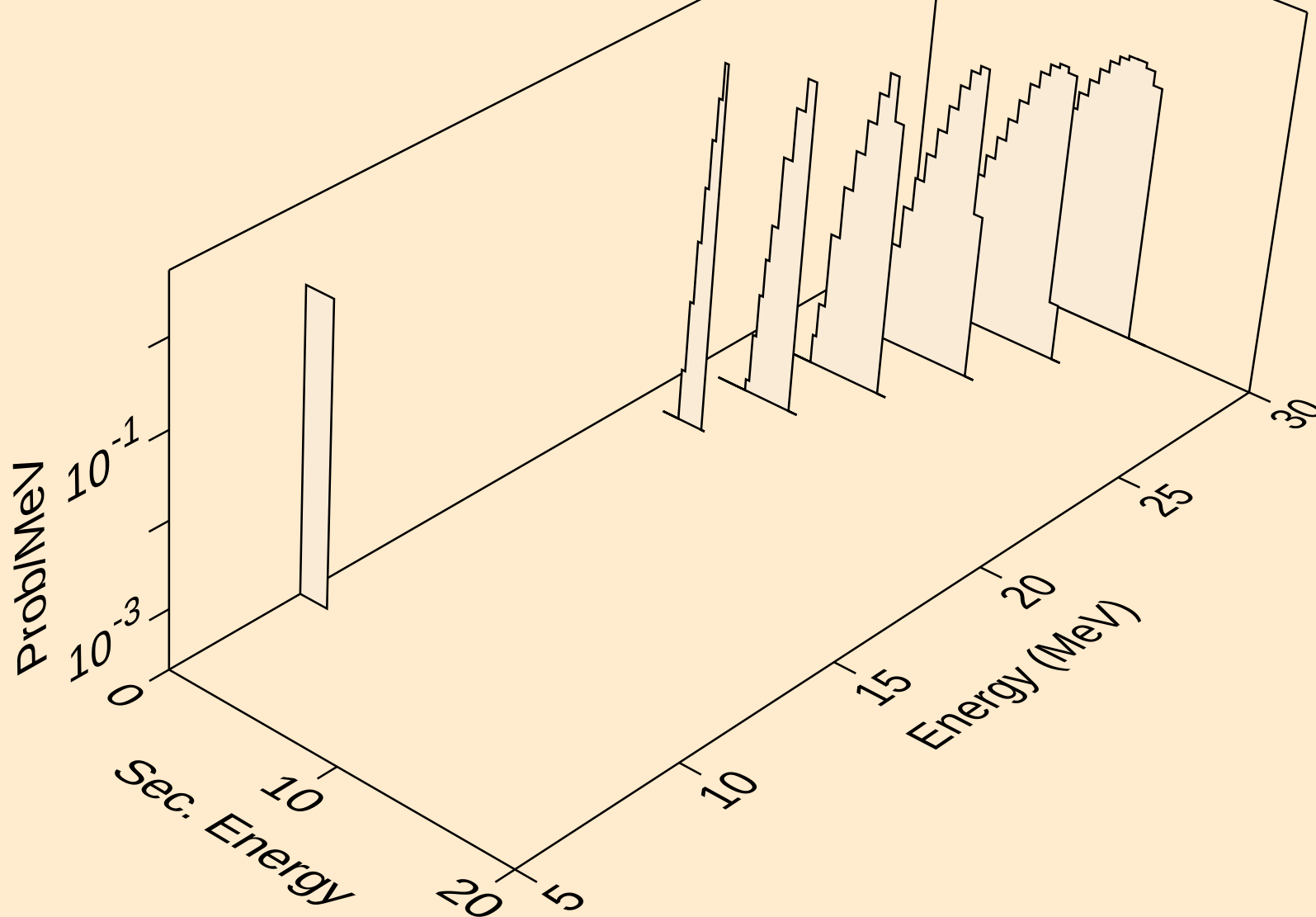
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deuterons from (a,d)



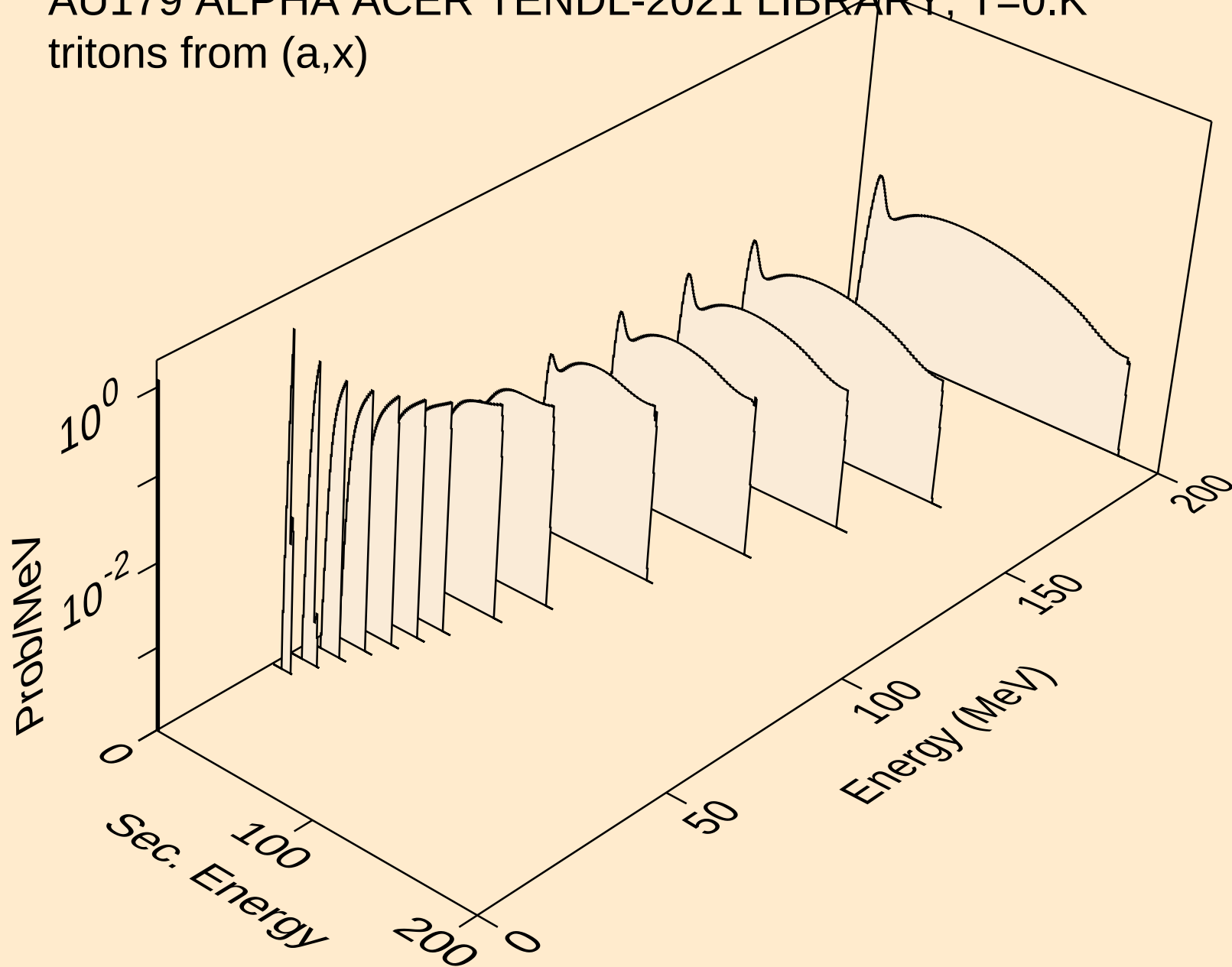
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deuterons from (a,pd)



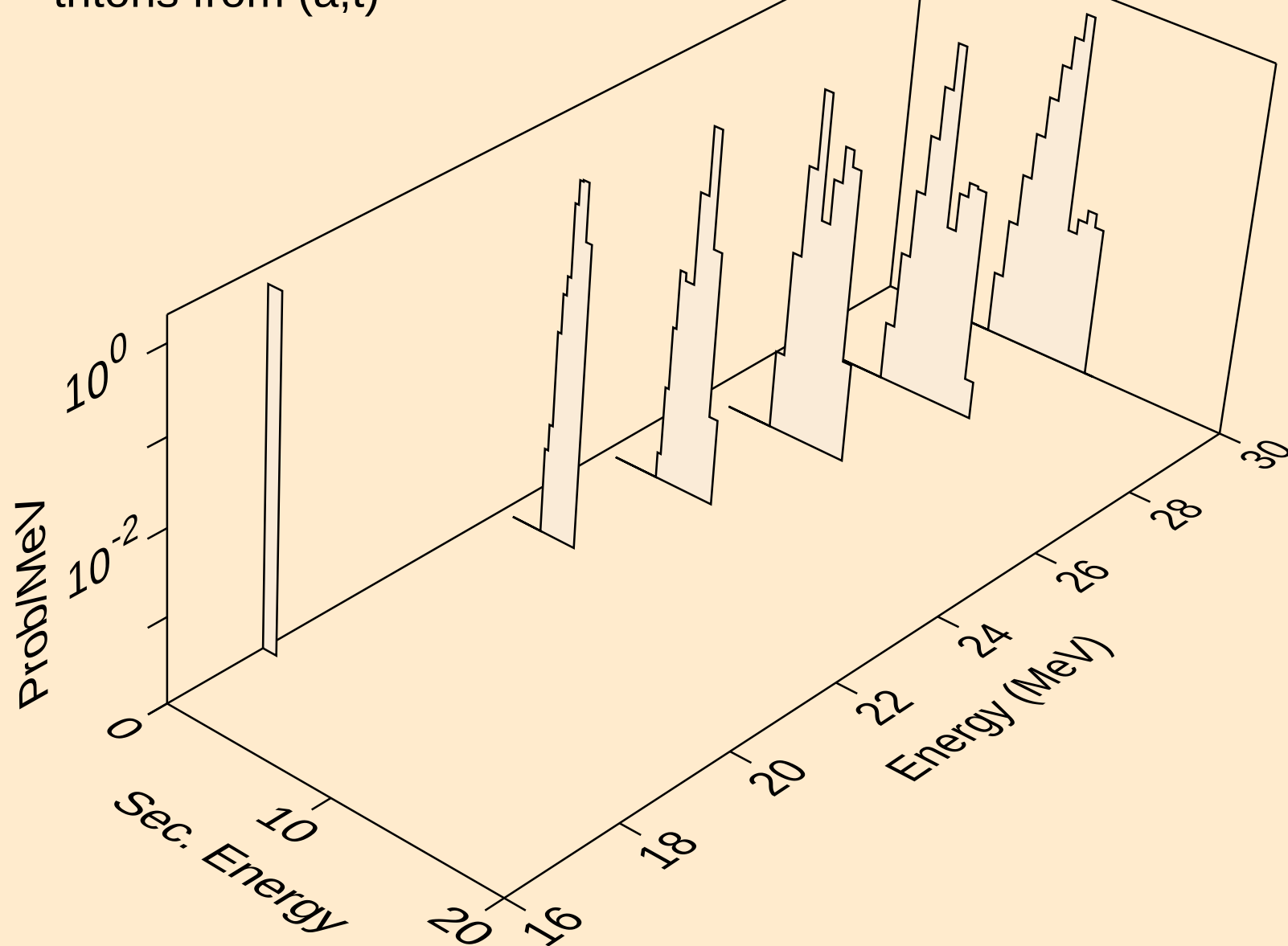
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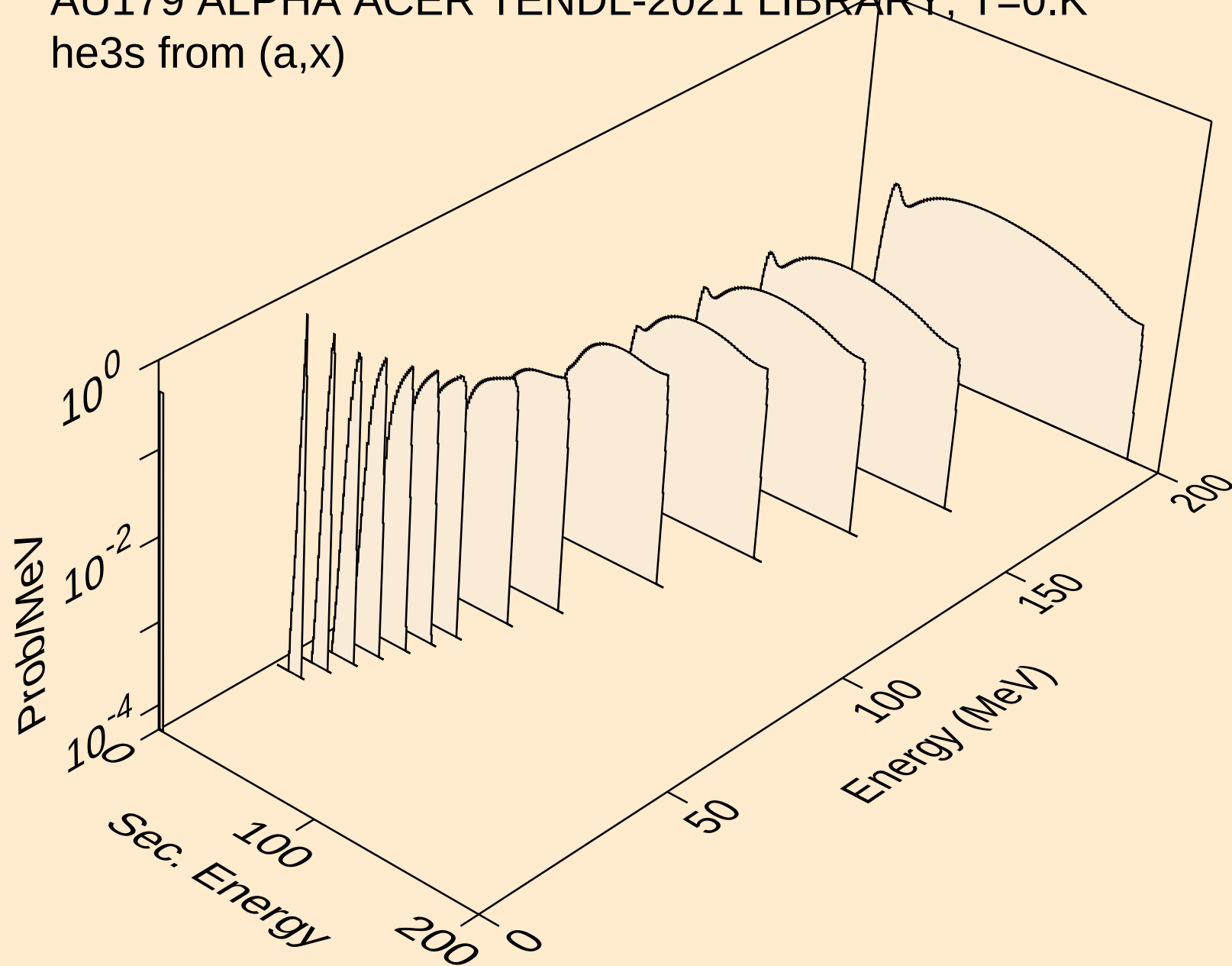
AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



AU179 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

