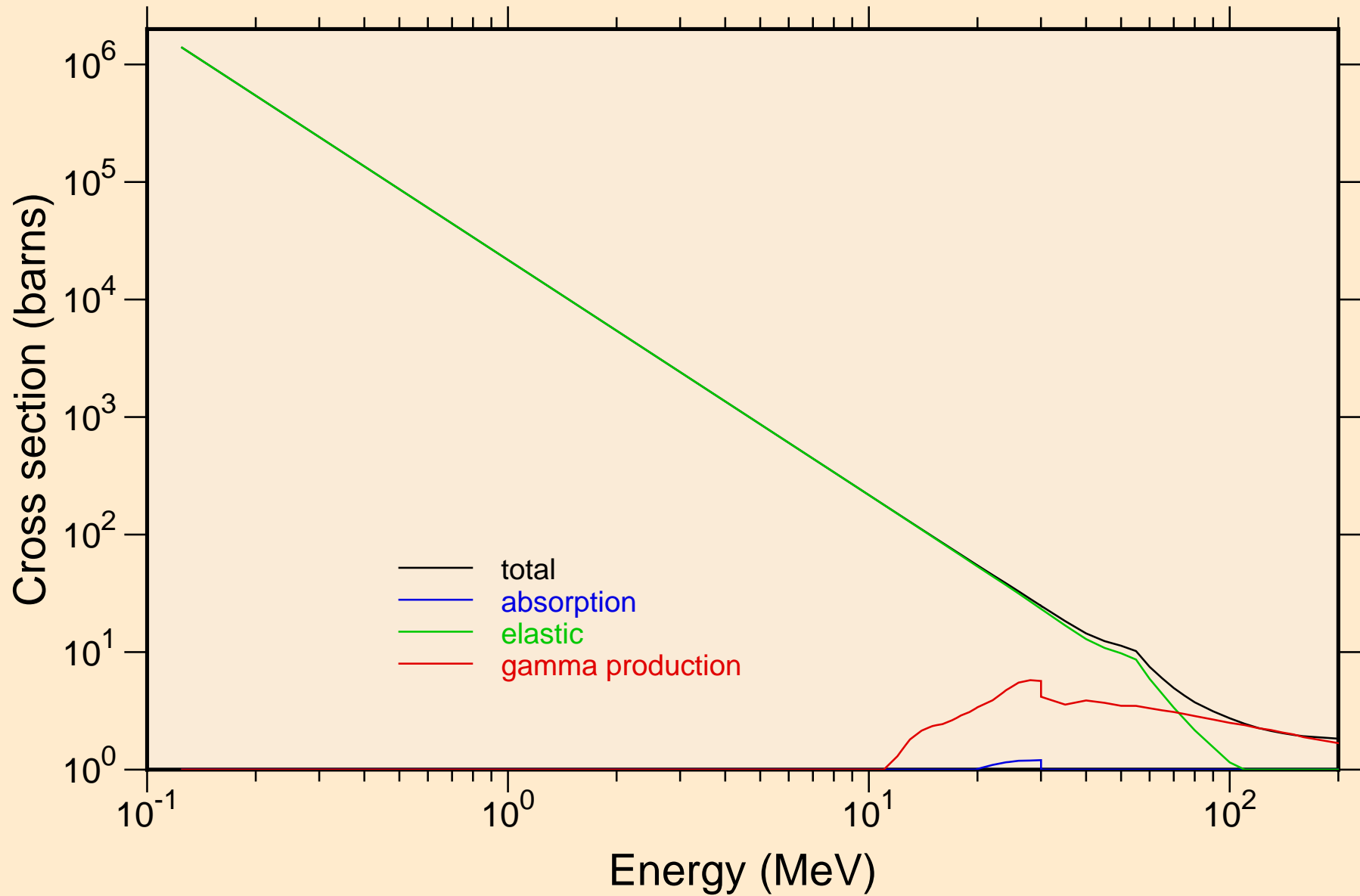
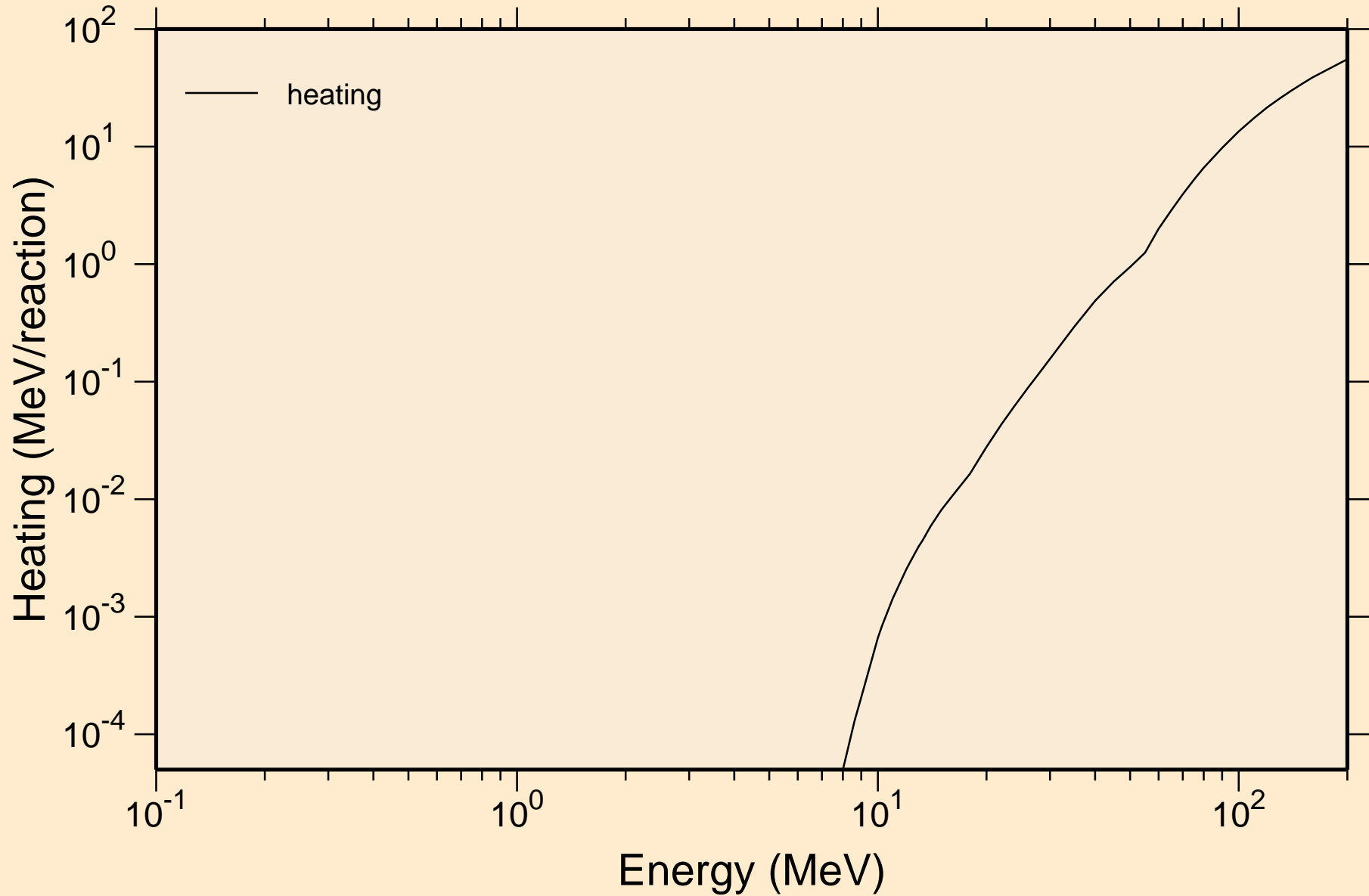


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



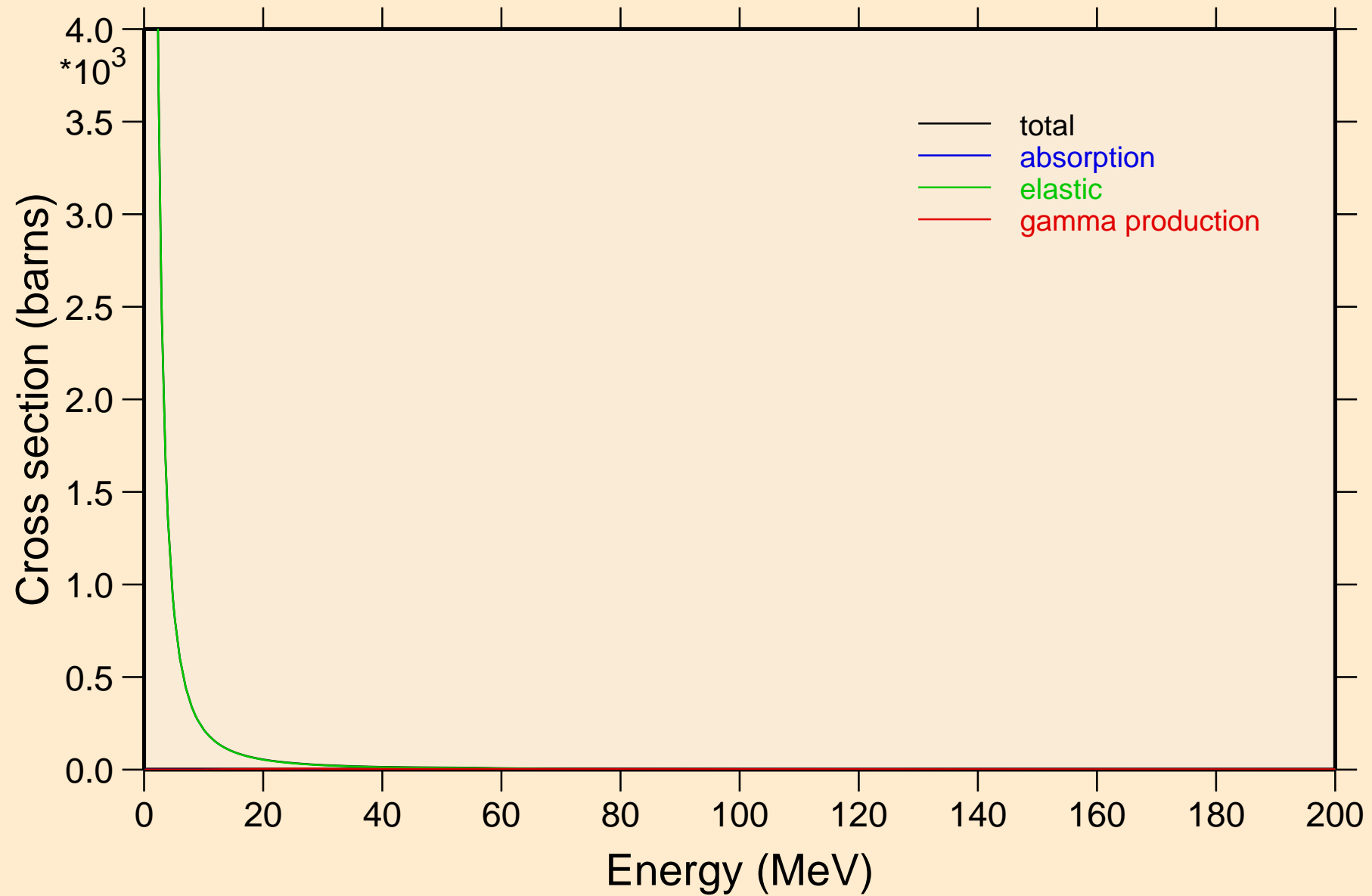
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



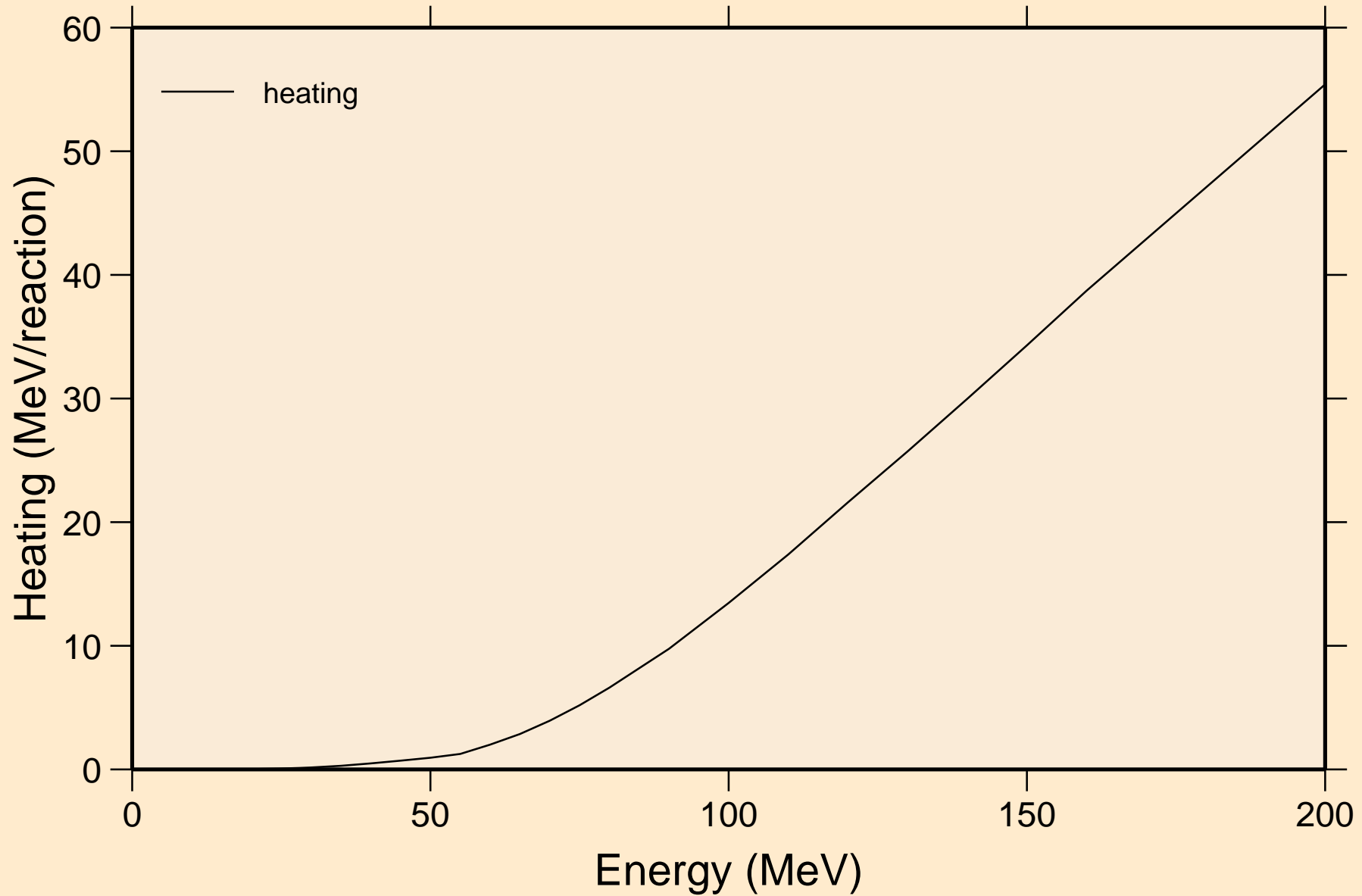
# NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

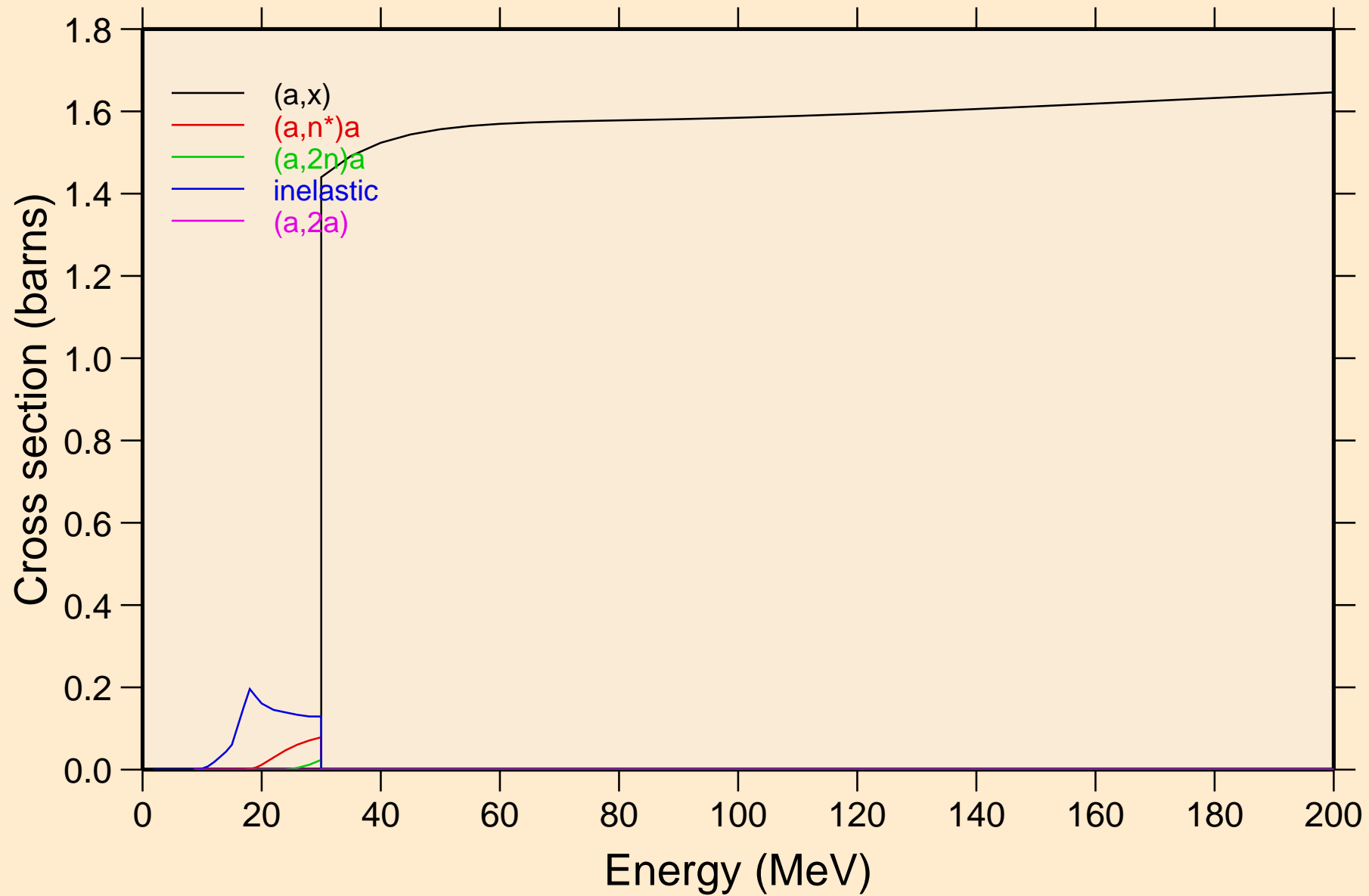


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

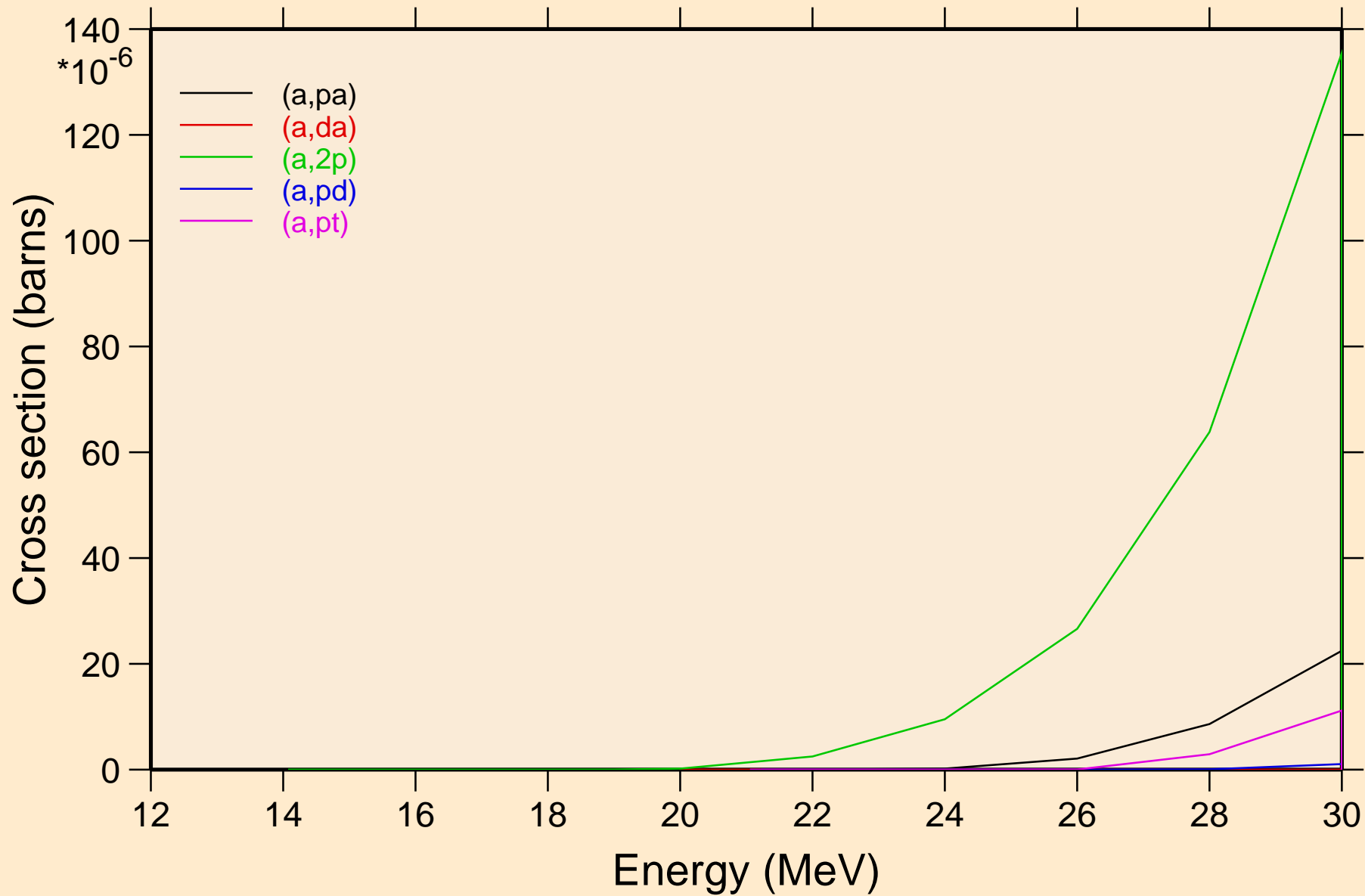
Heating



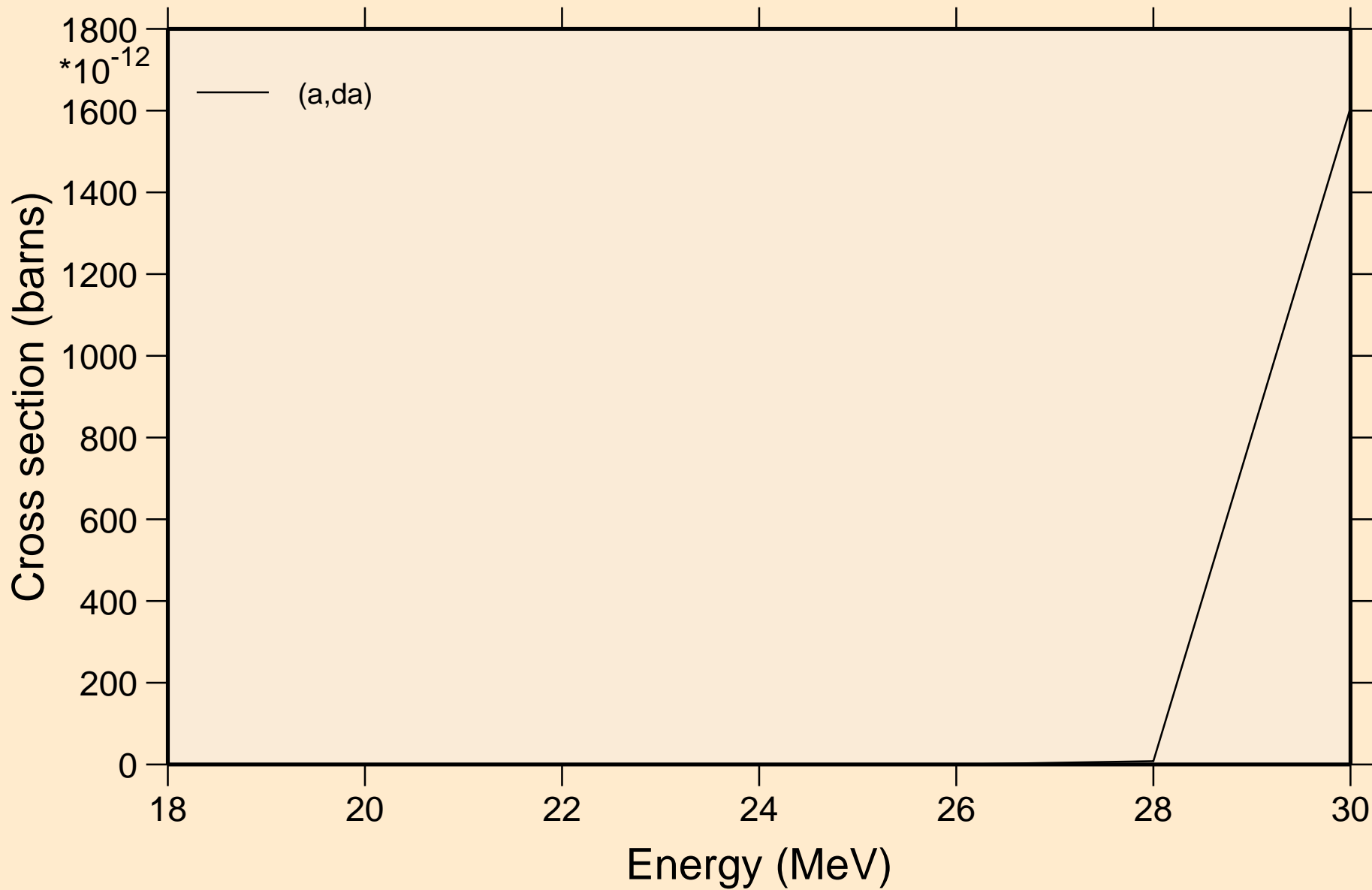
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Threshold reactions



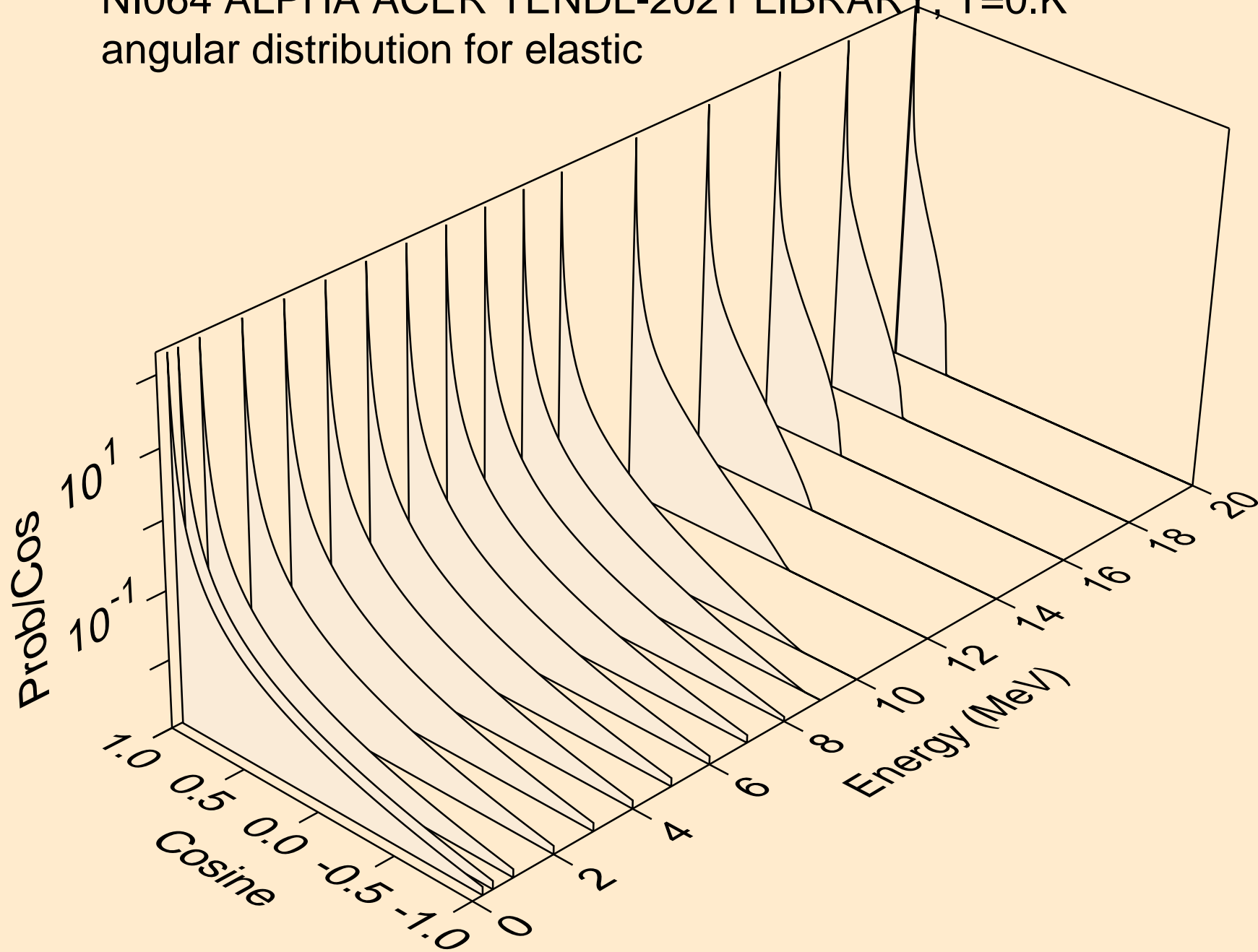
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

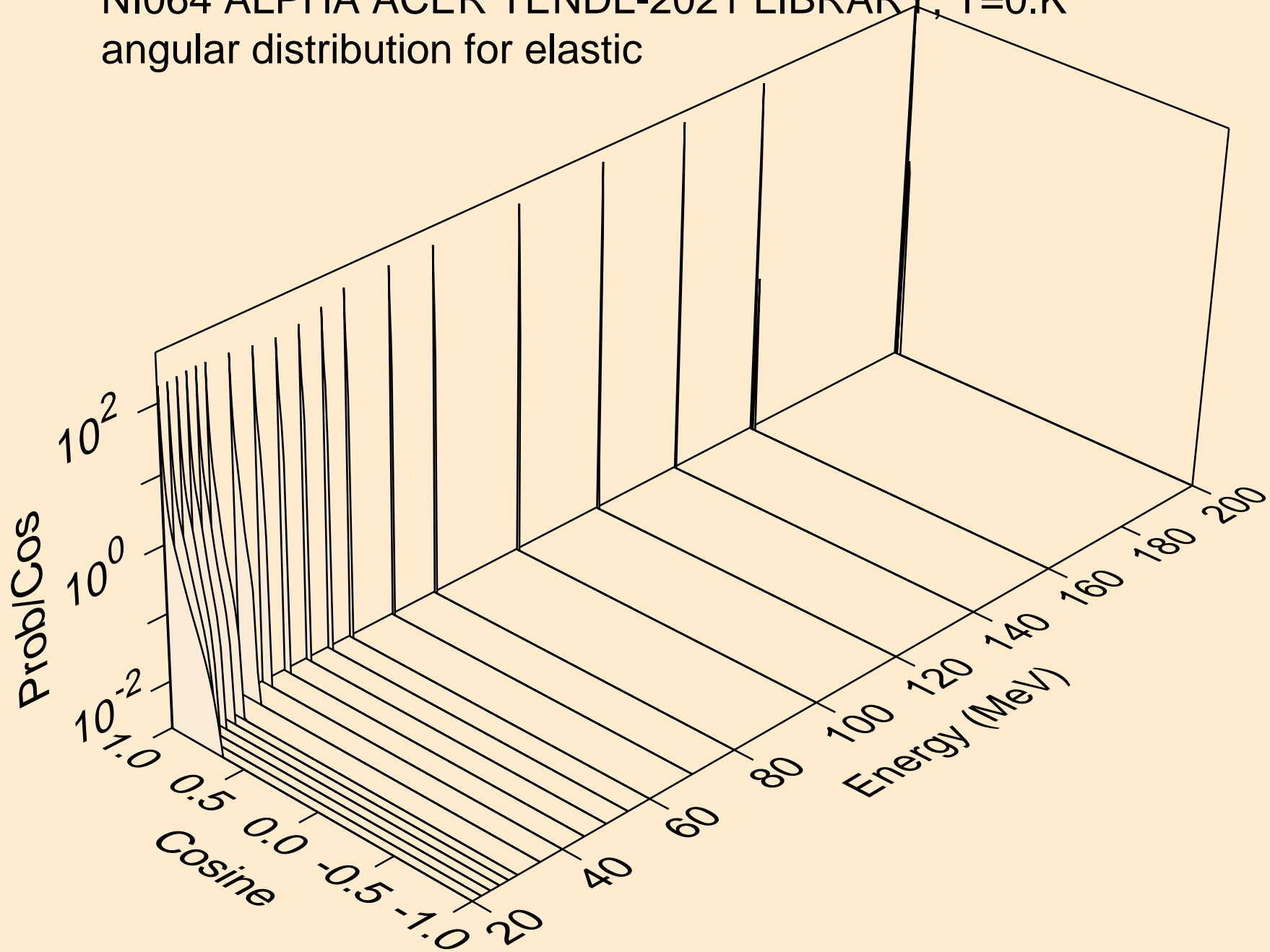


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

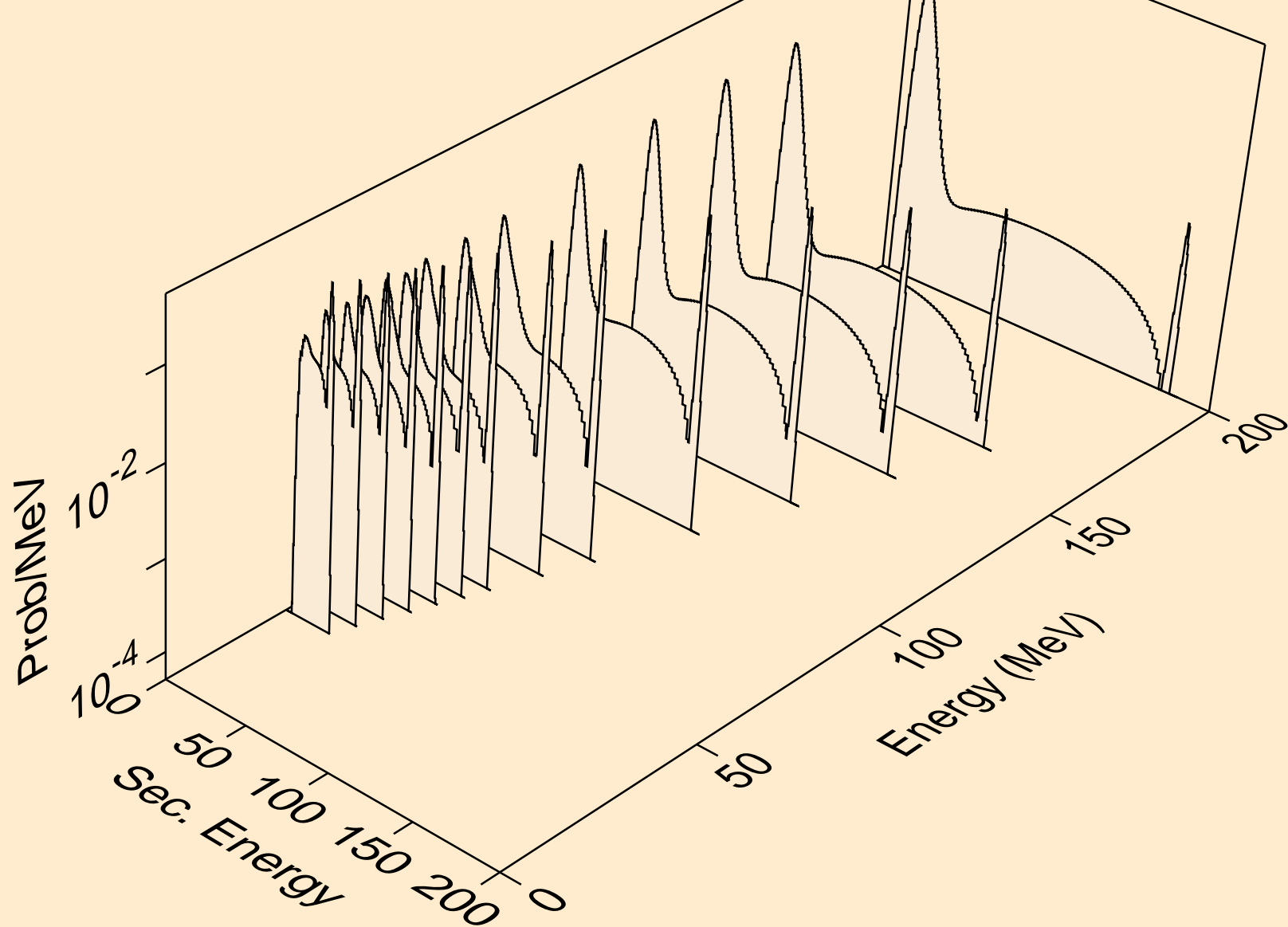




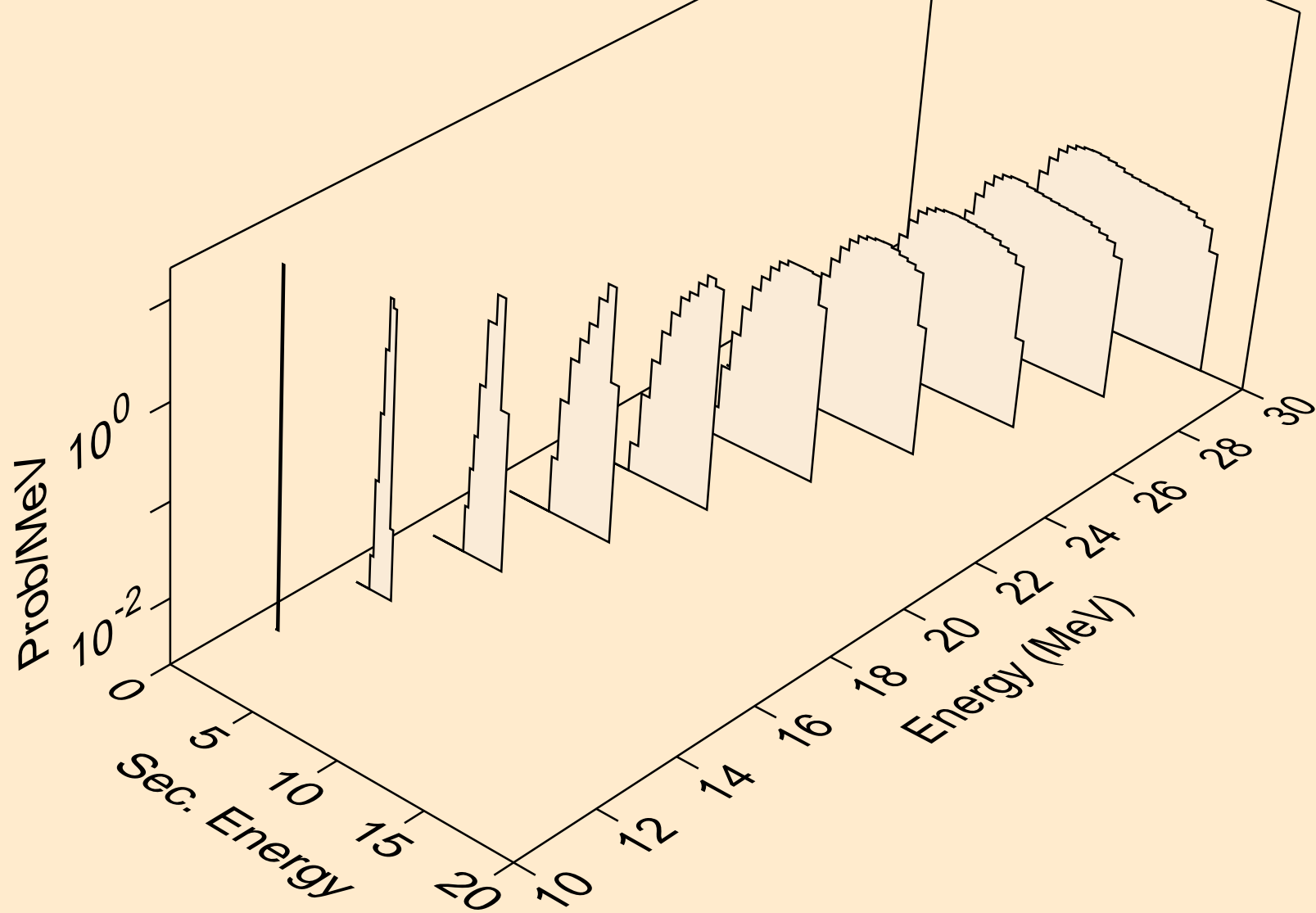
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



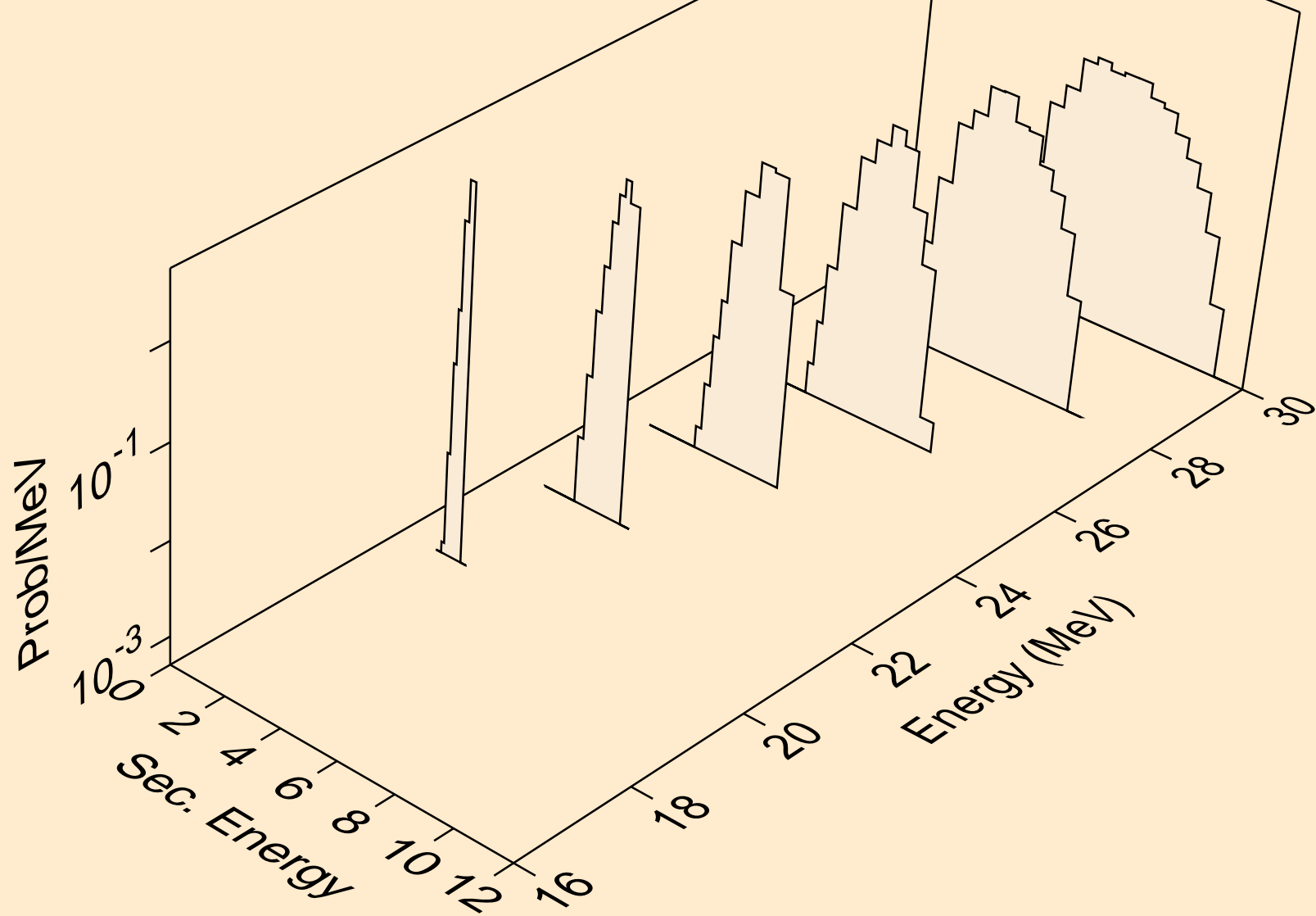
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



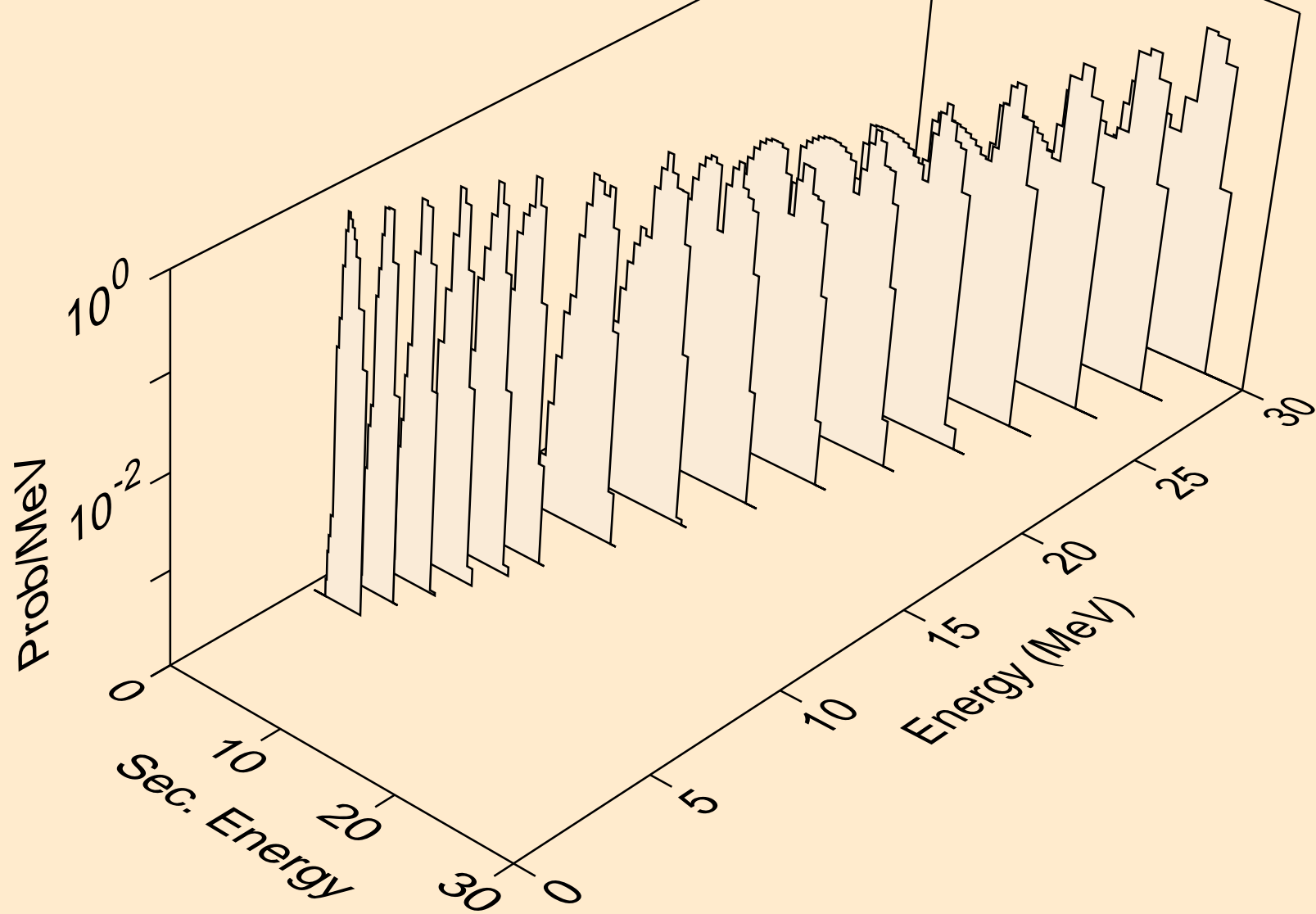
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



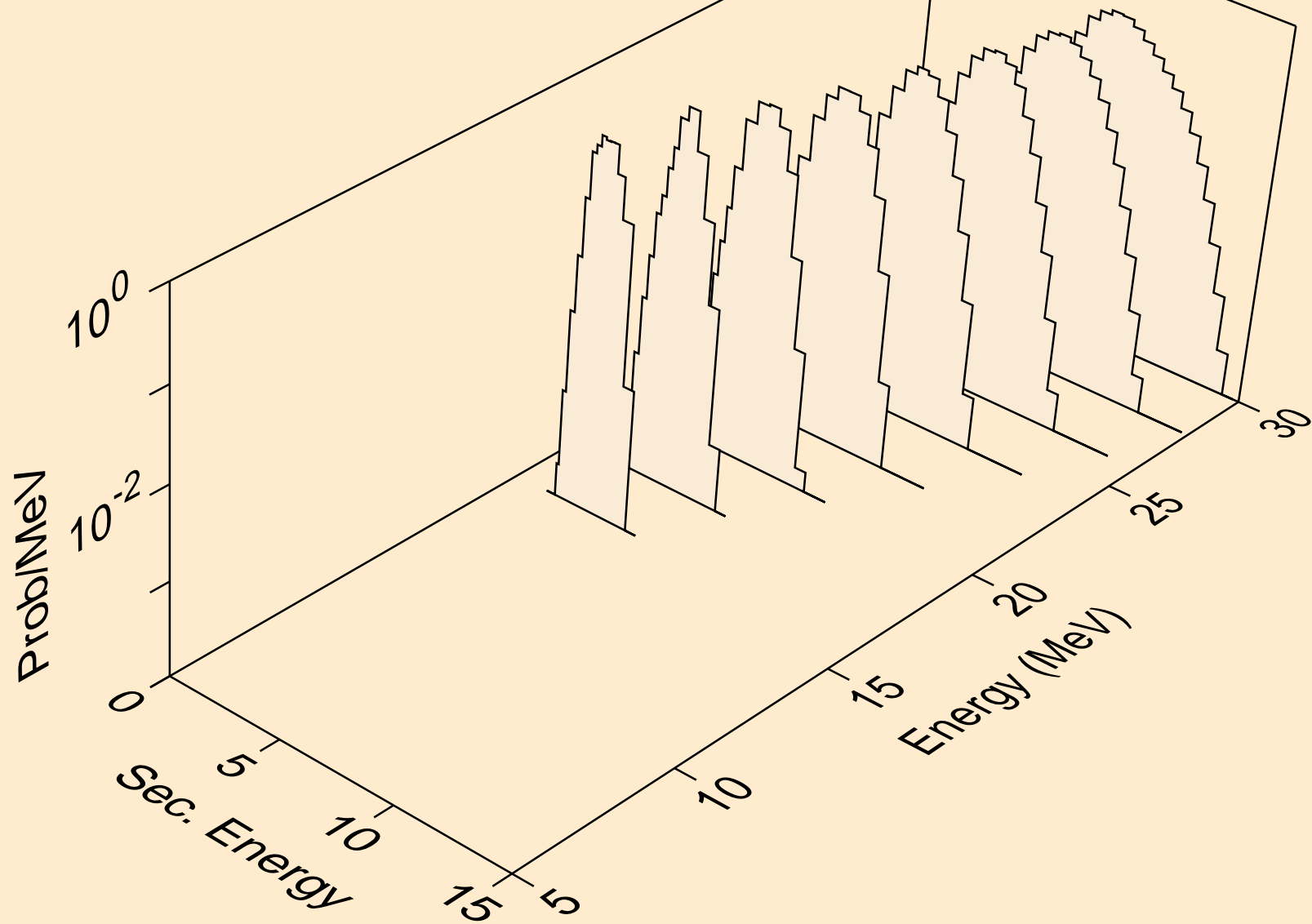
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



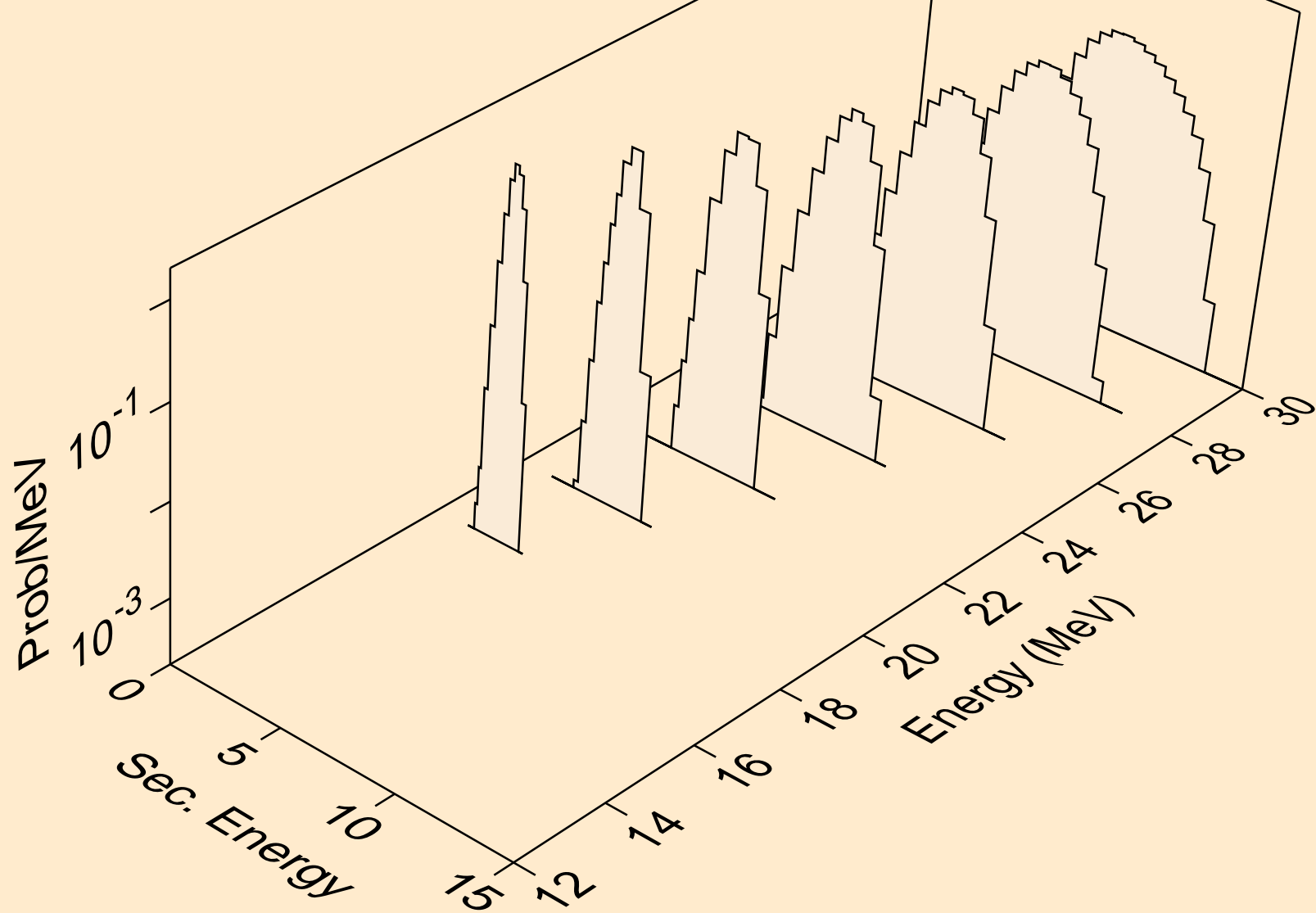
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



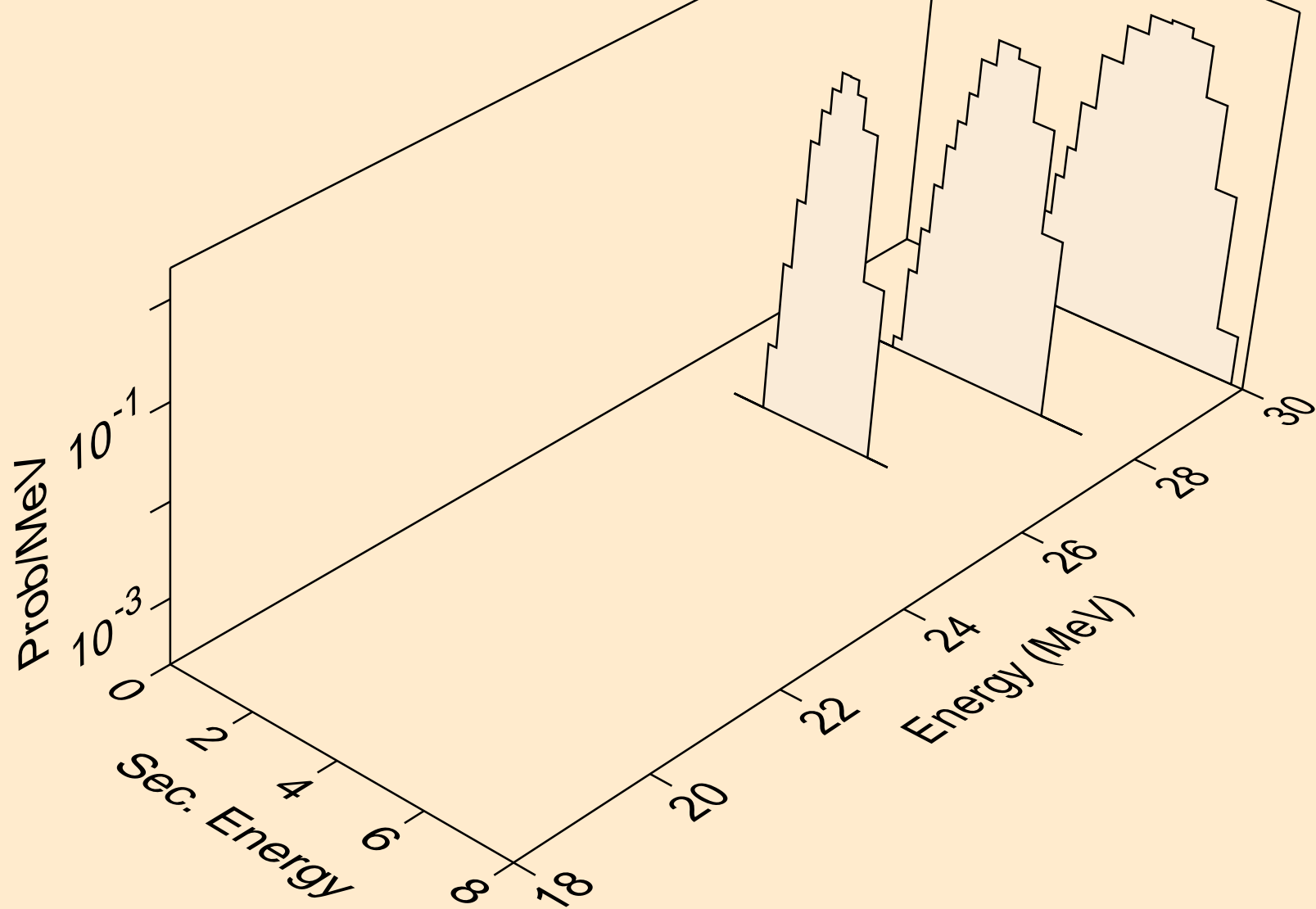
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

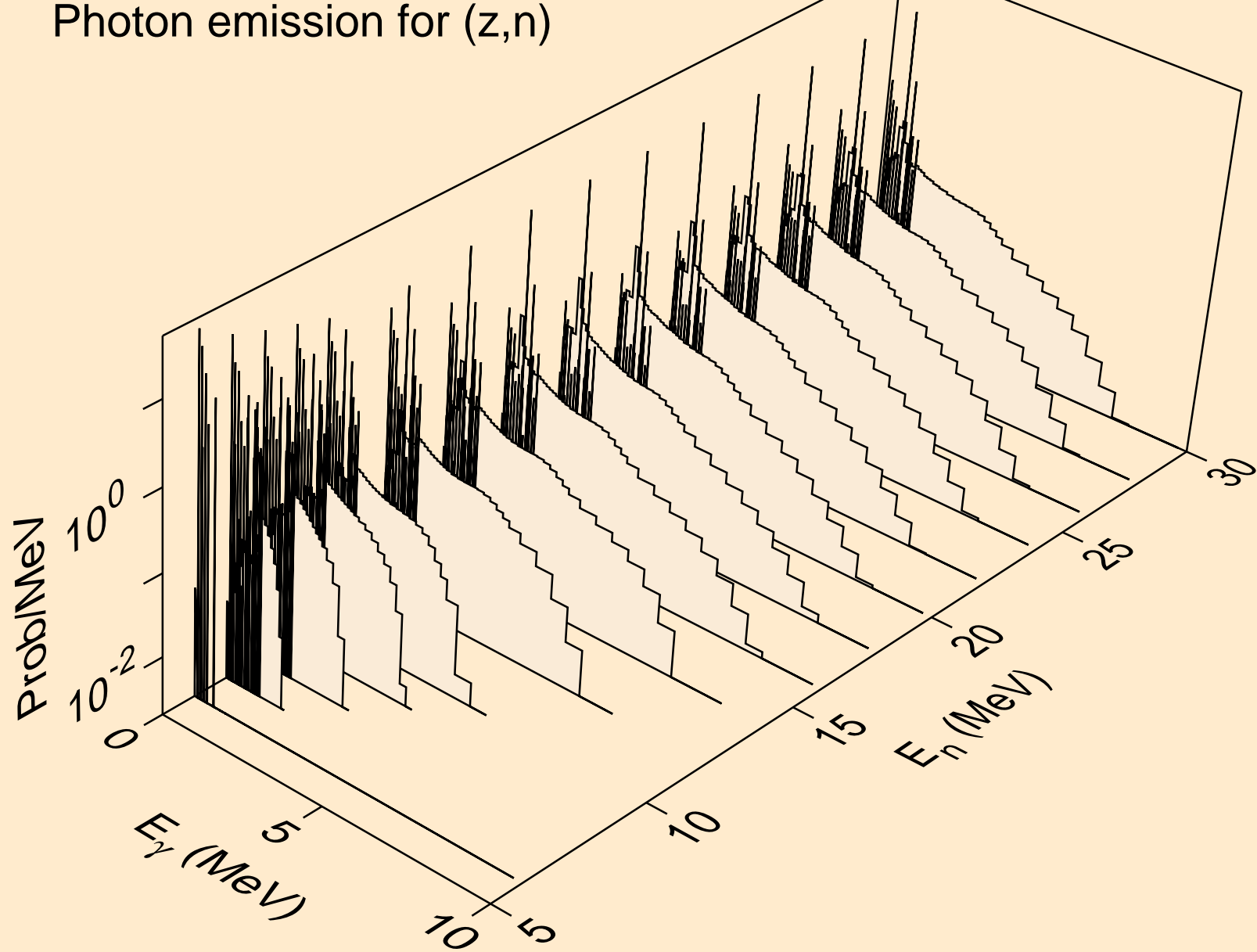


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

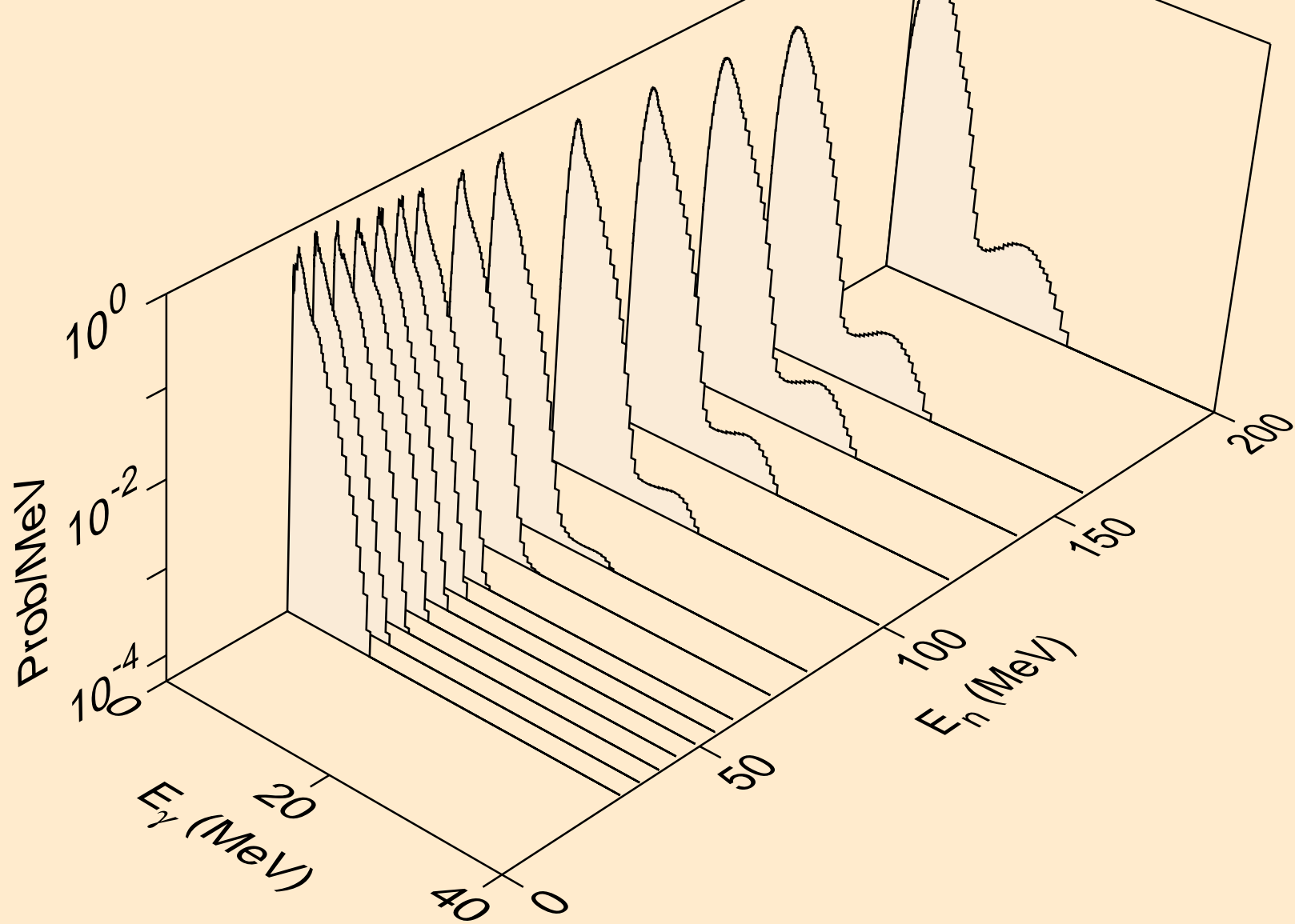




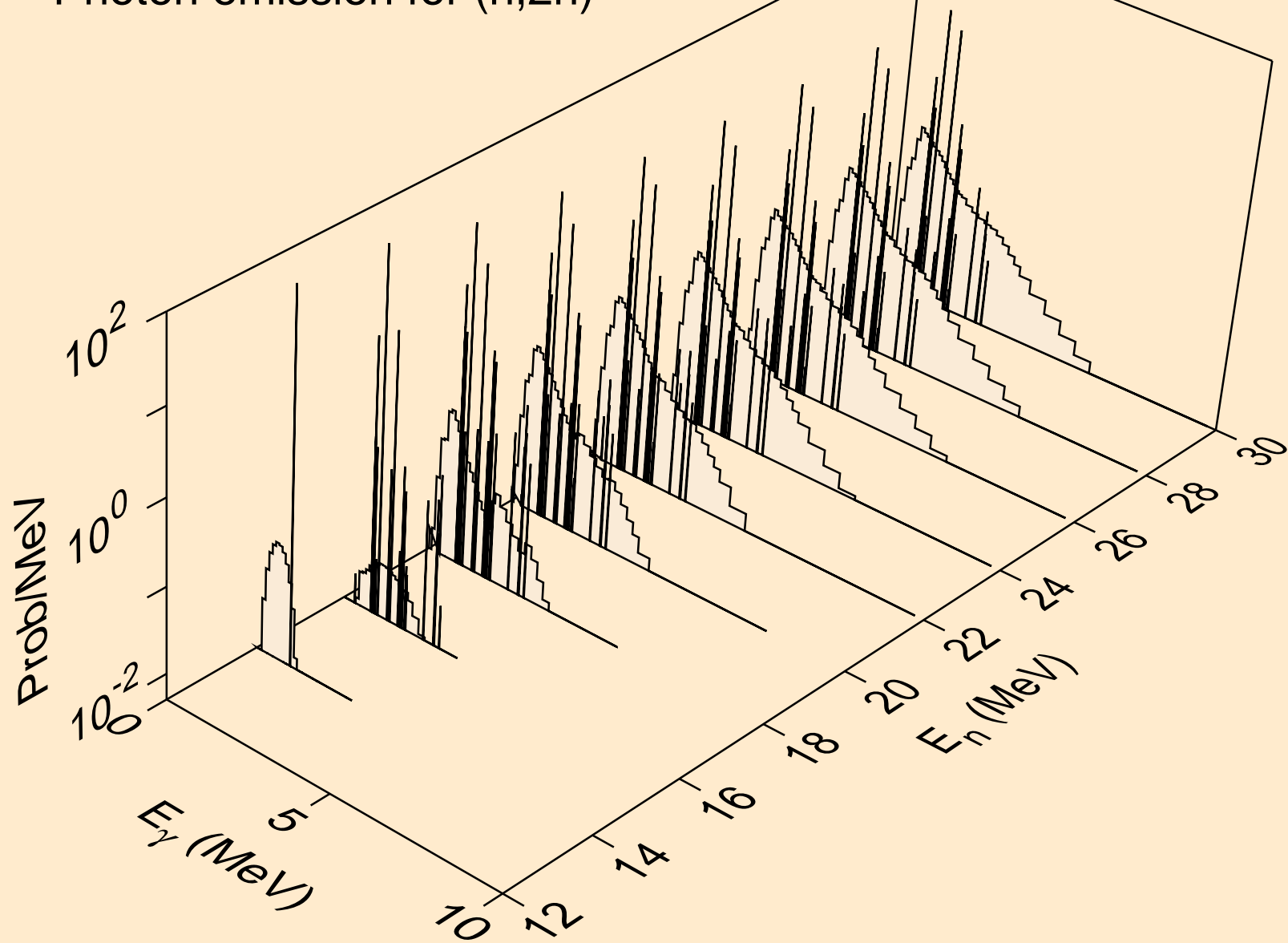
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Photon emission for (z,n)



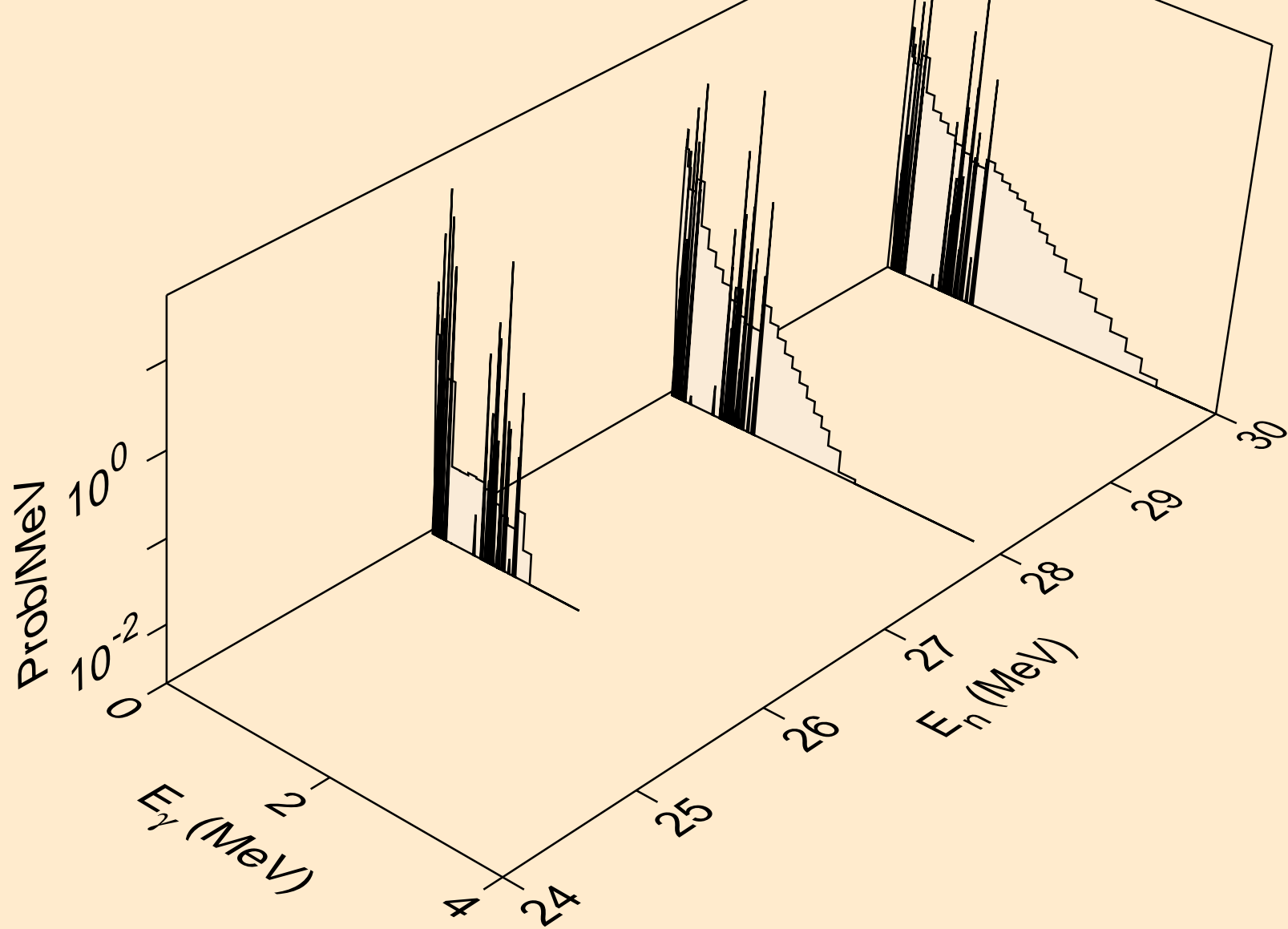
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



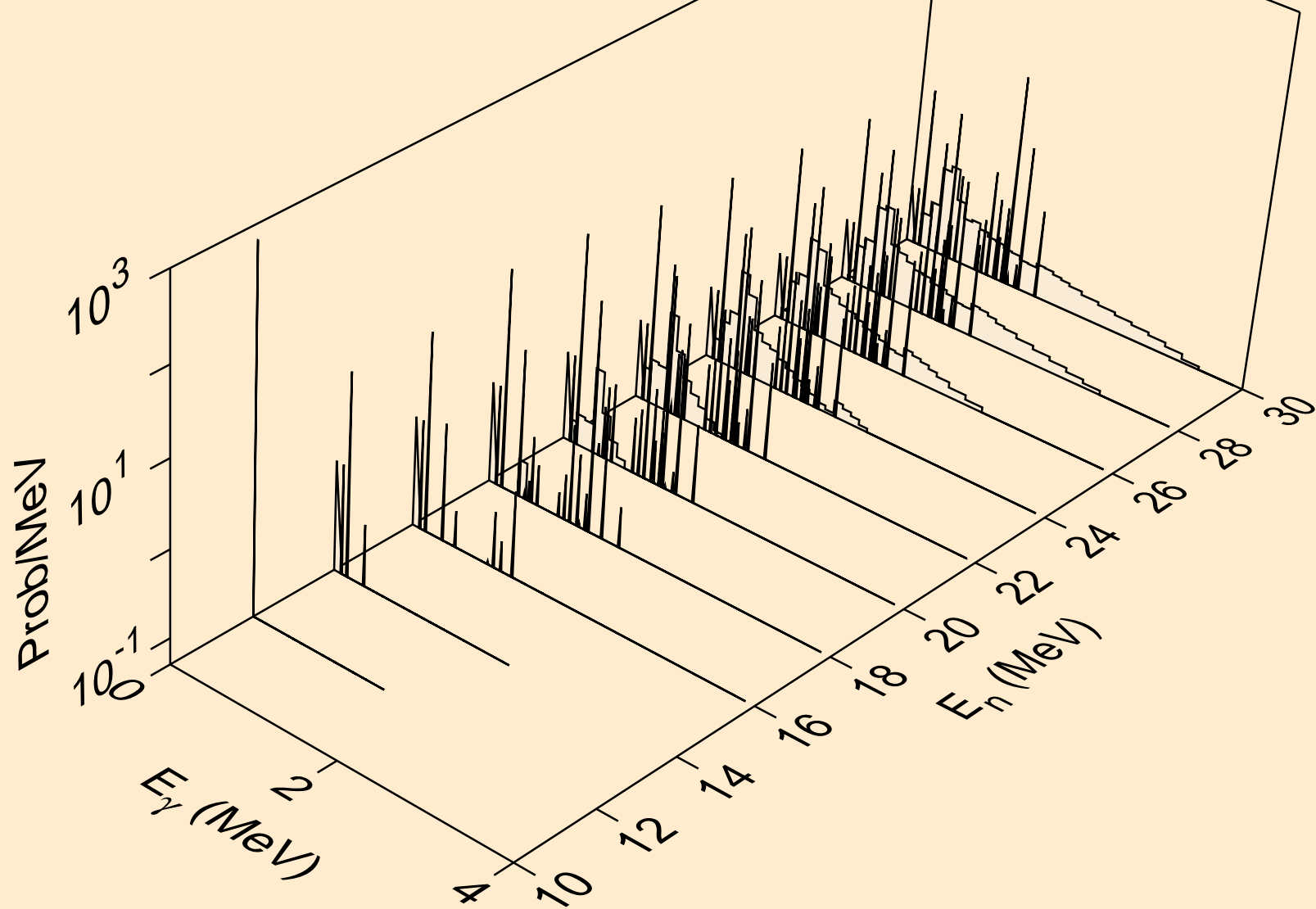
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Photon emission for (n,2n)



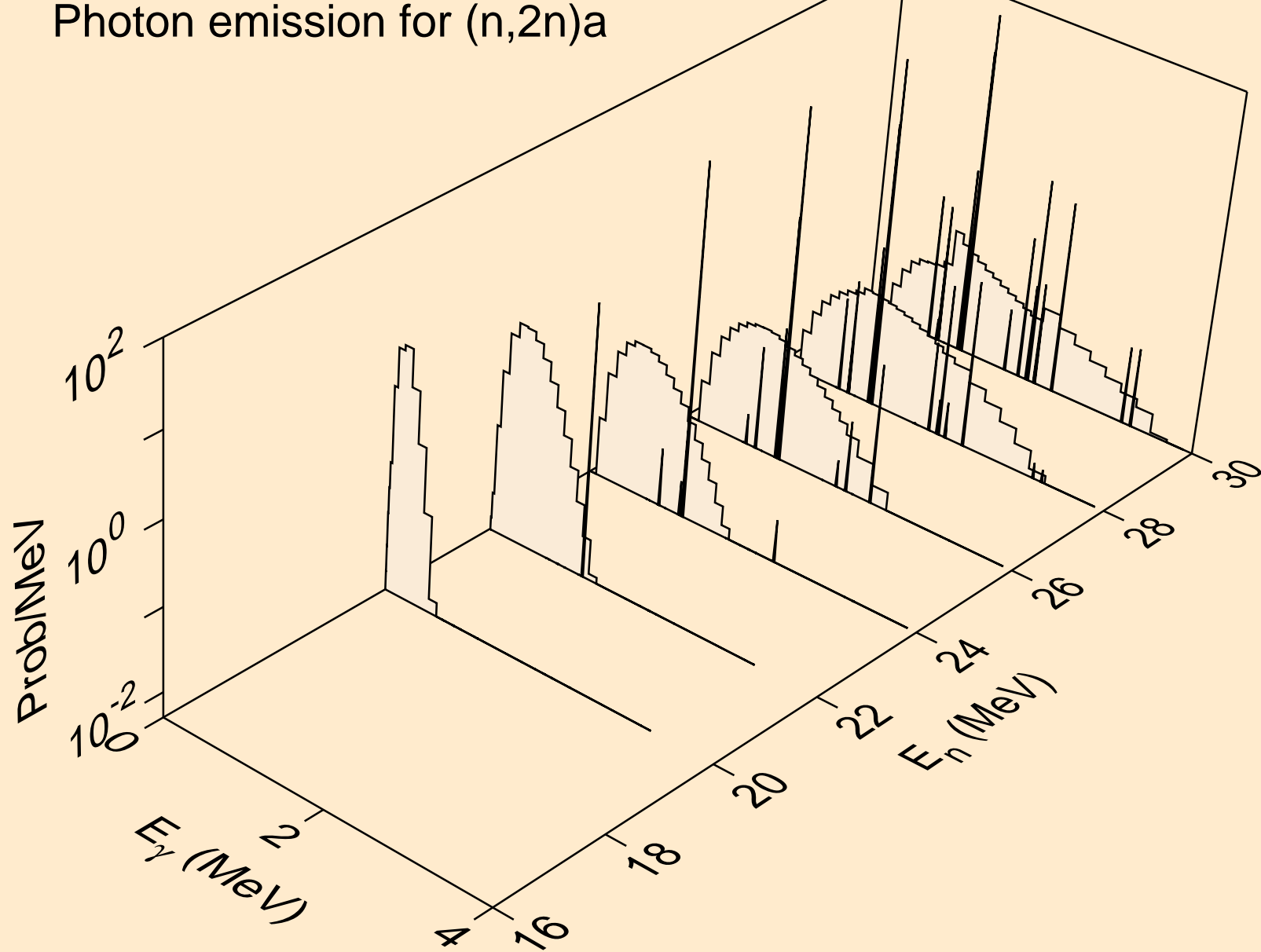
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Photon emission for (n,3n)



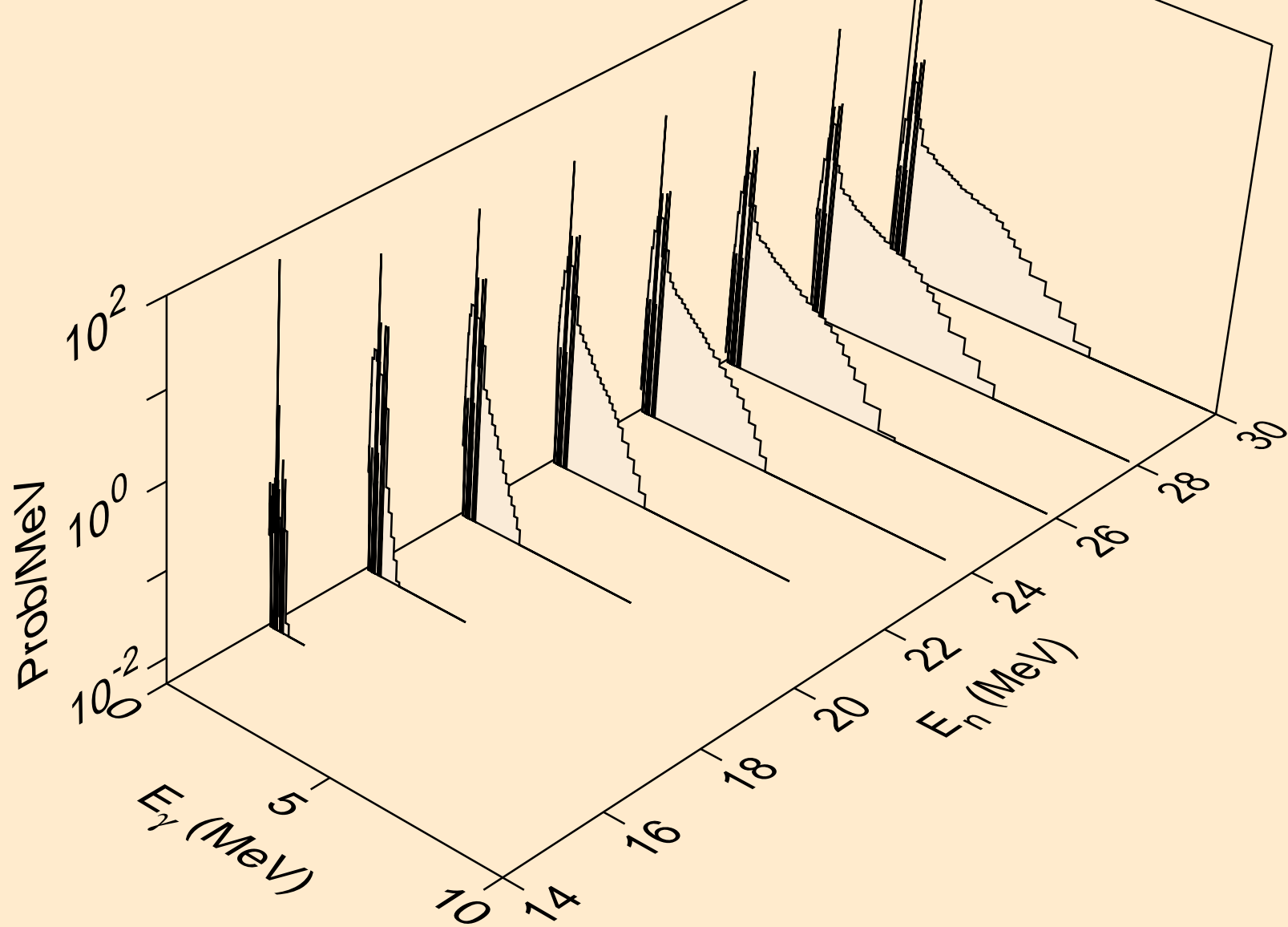
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



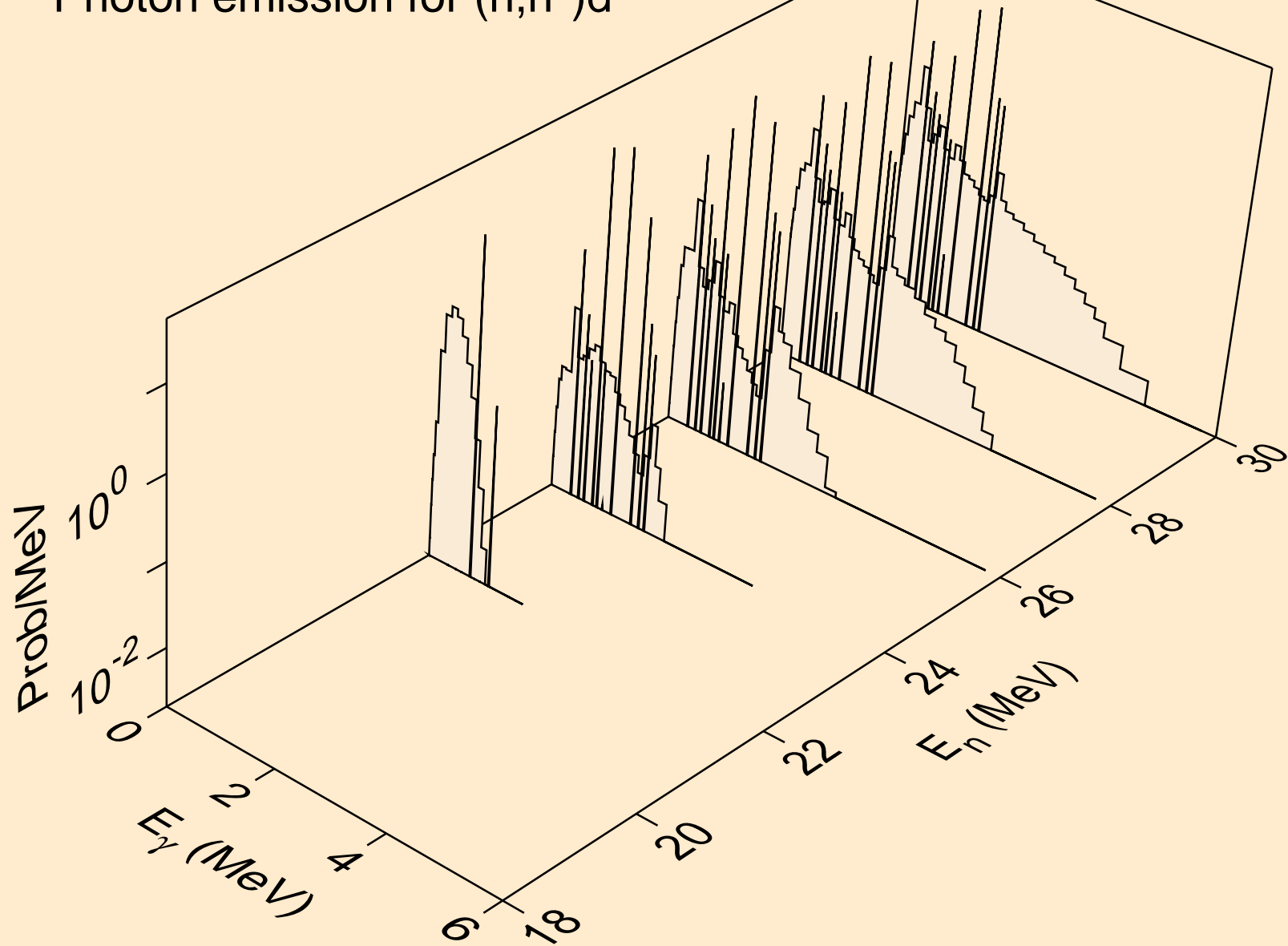
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

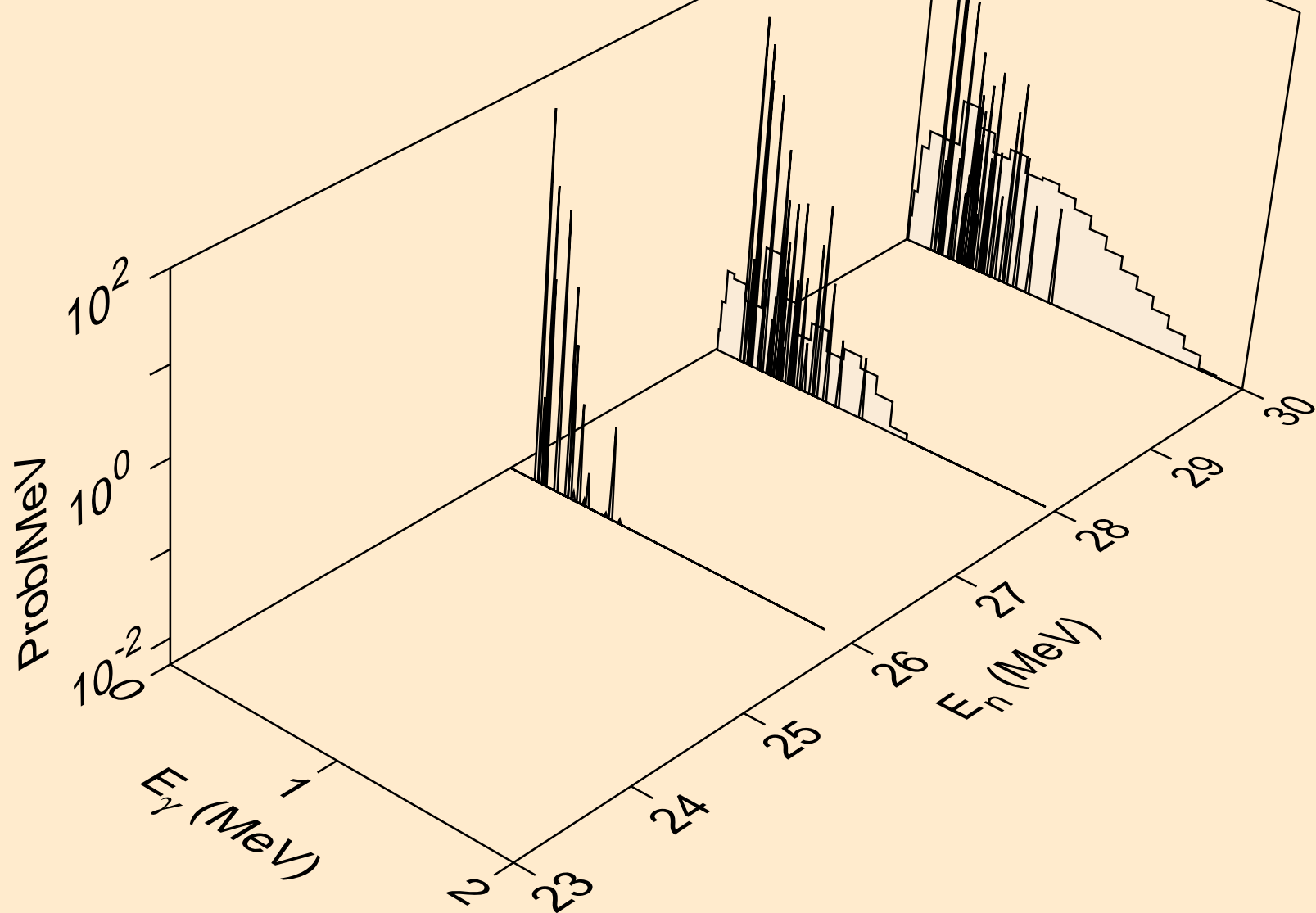


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

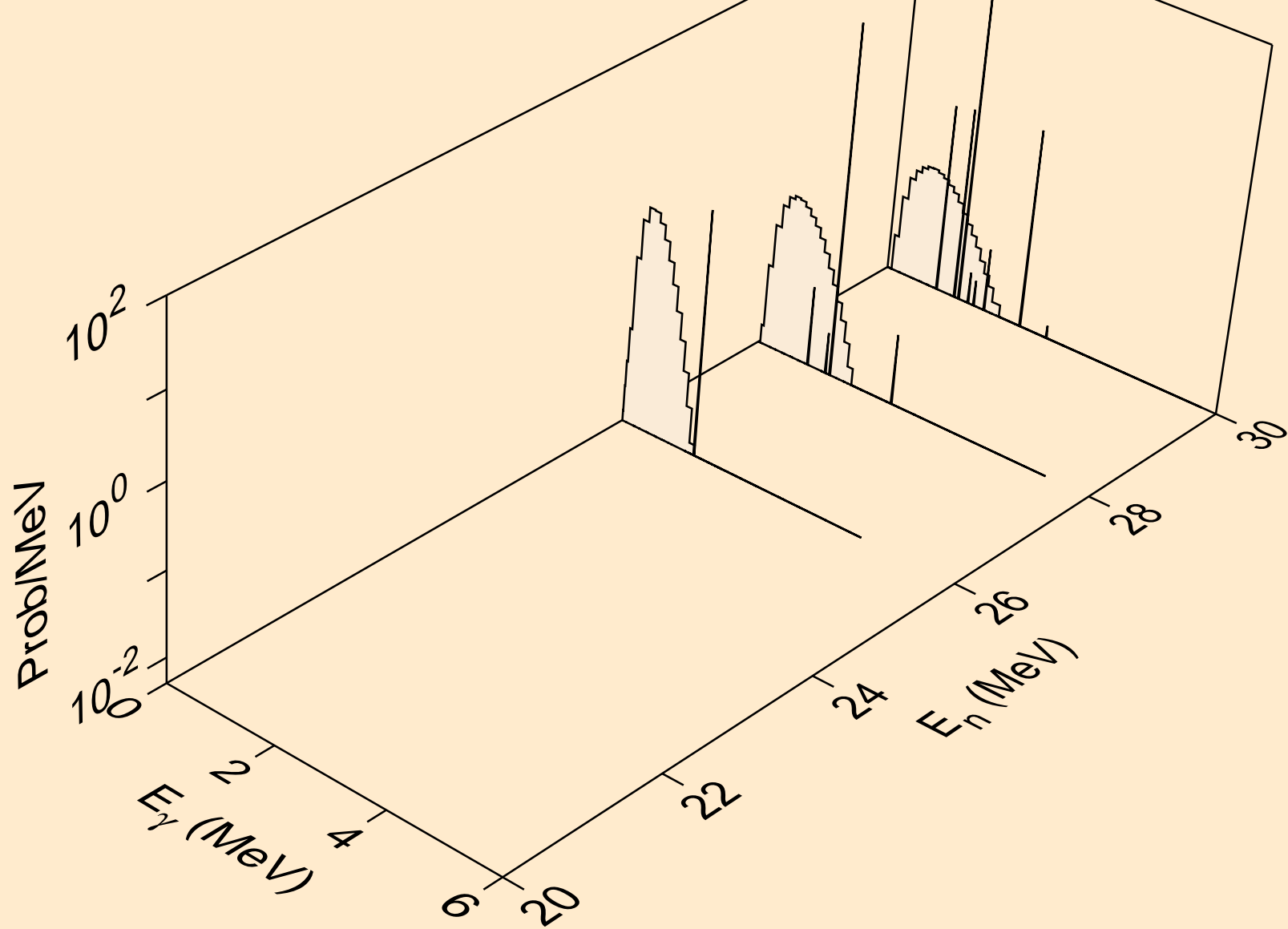




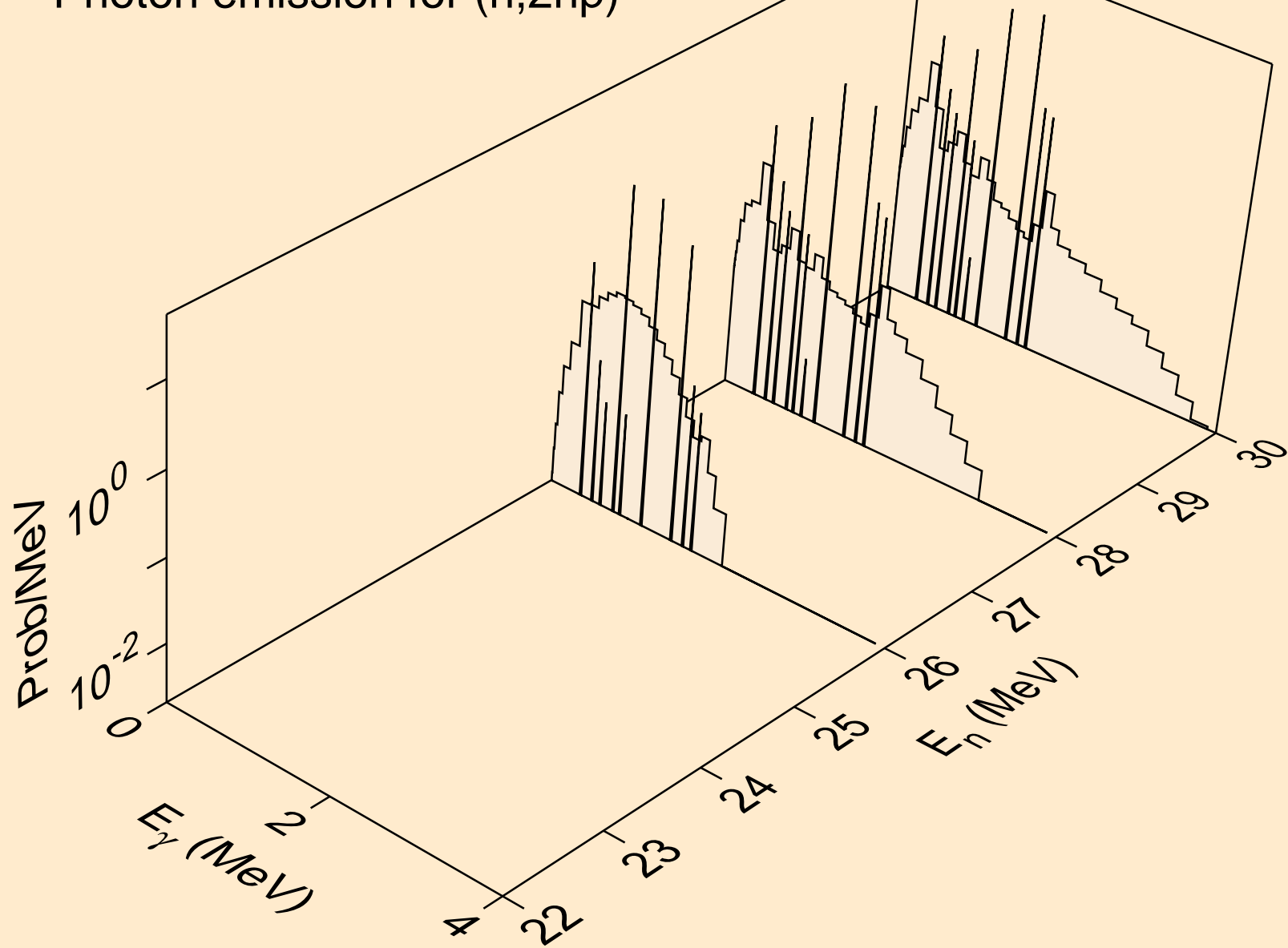
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



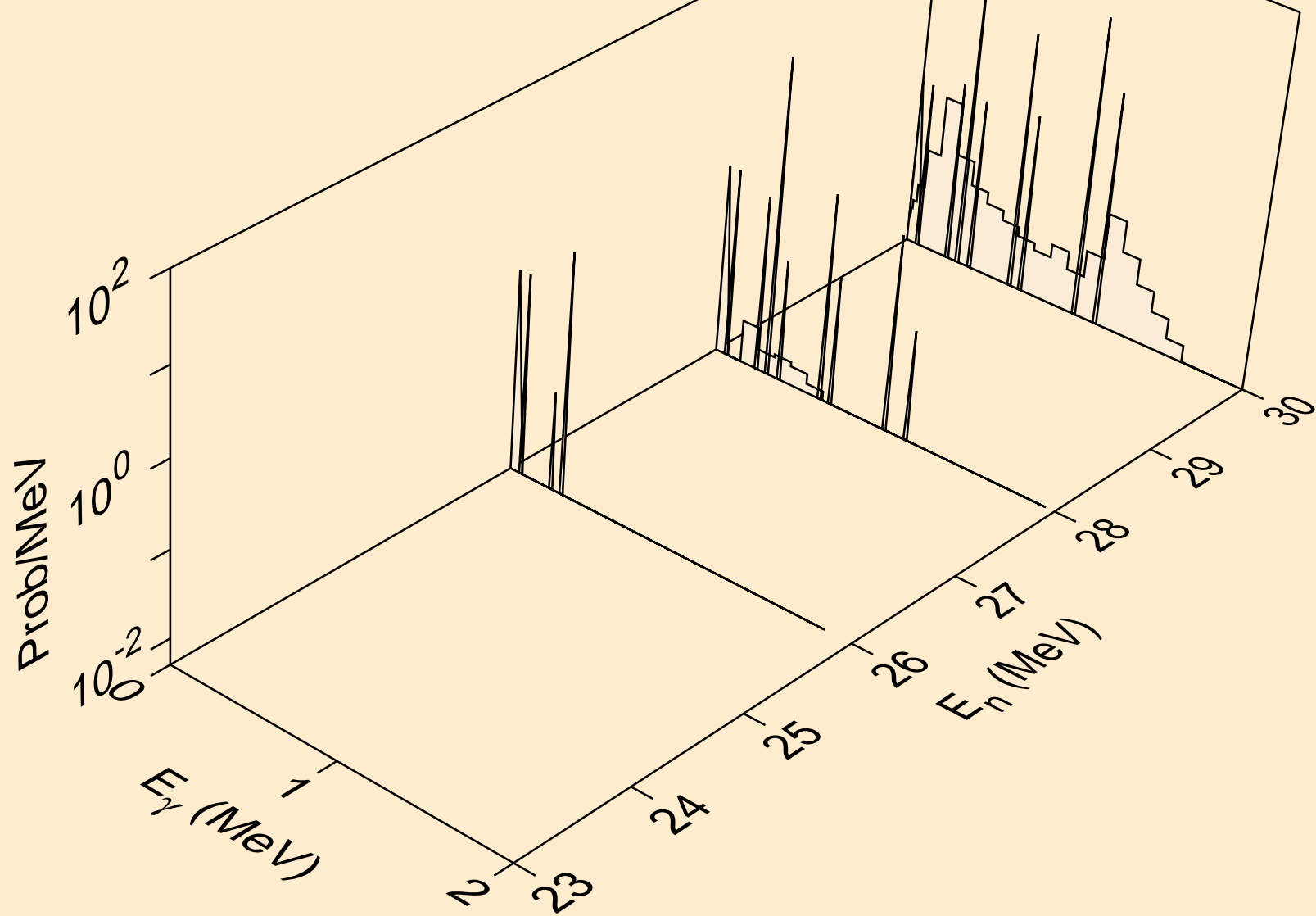
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



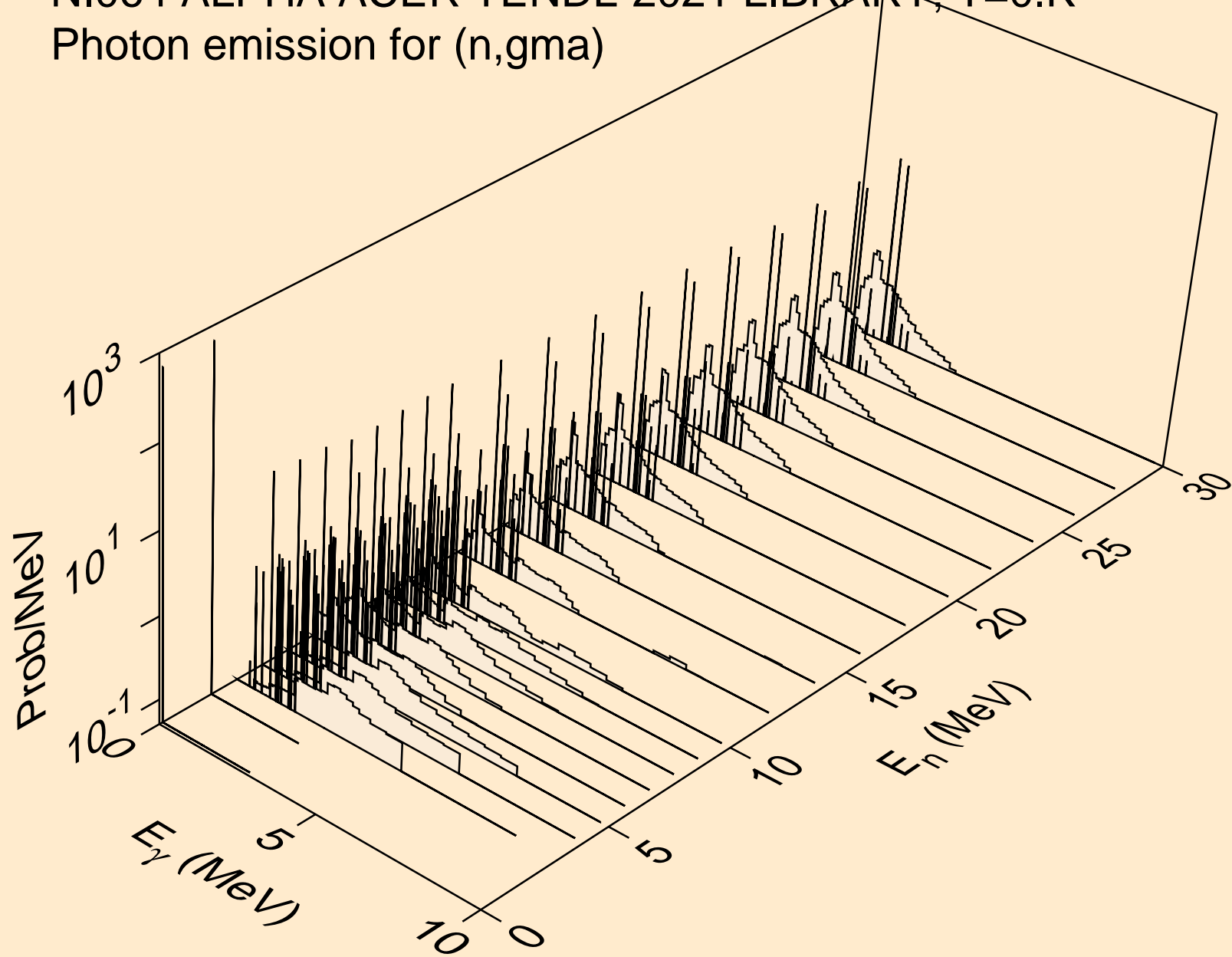
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Photon emission for (n,2np)



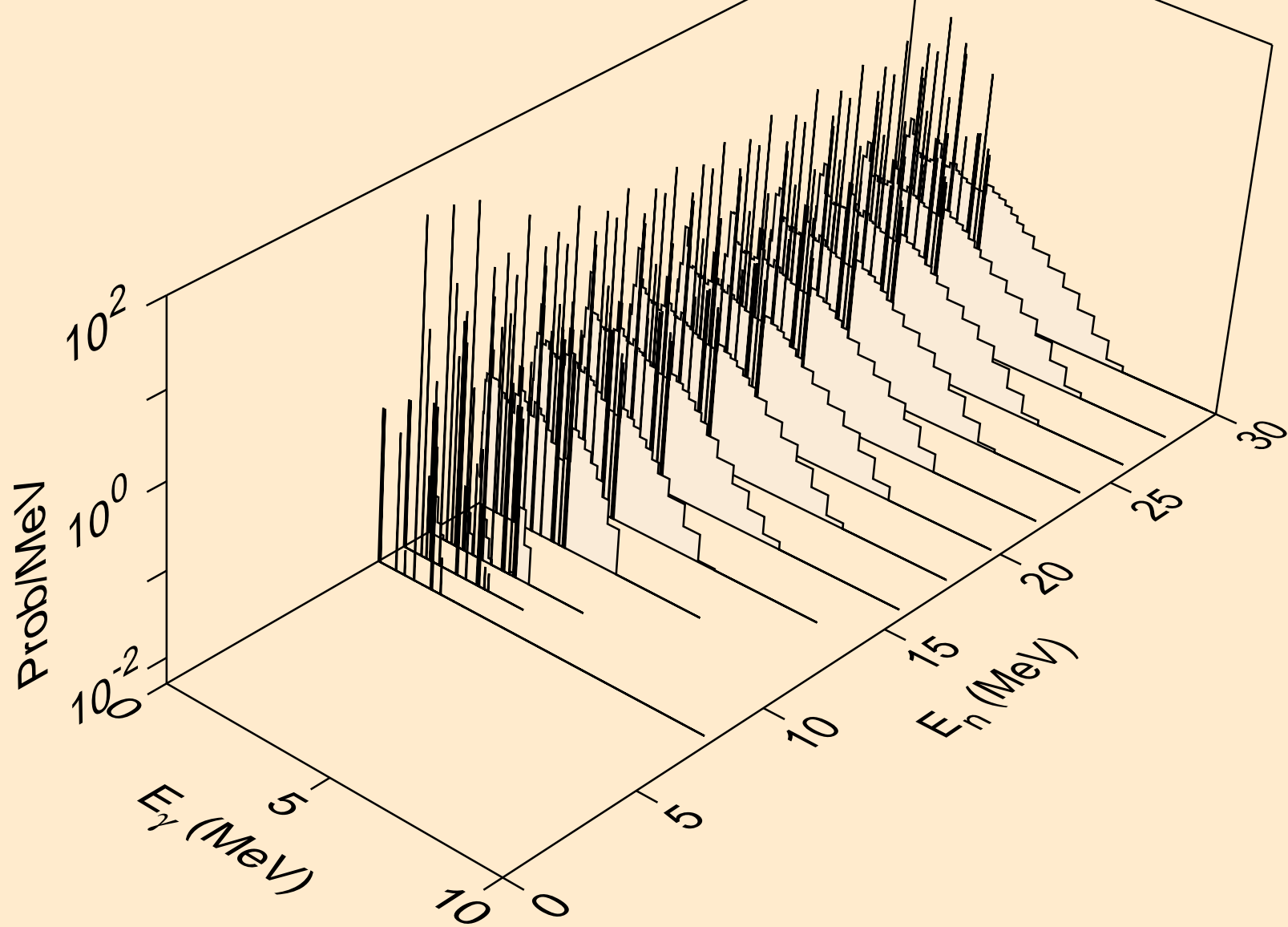
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Photon emission for (n,2np)



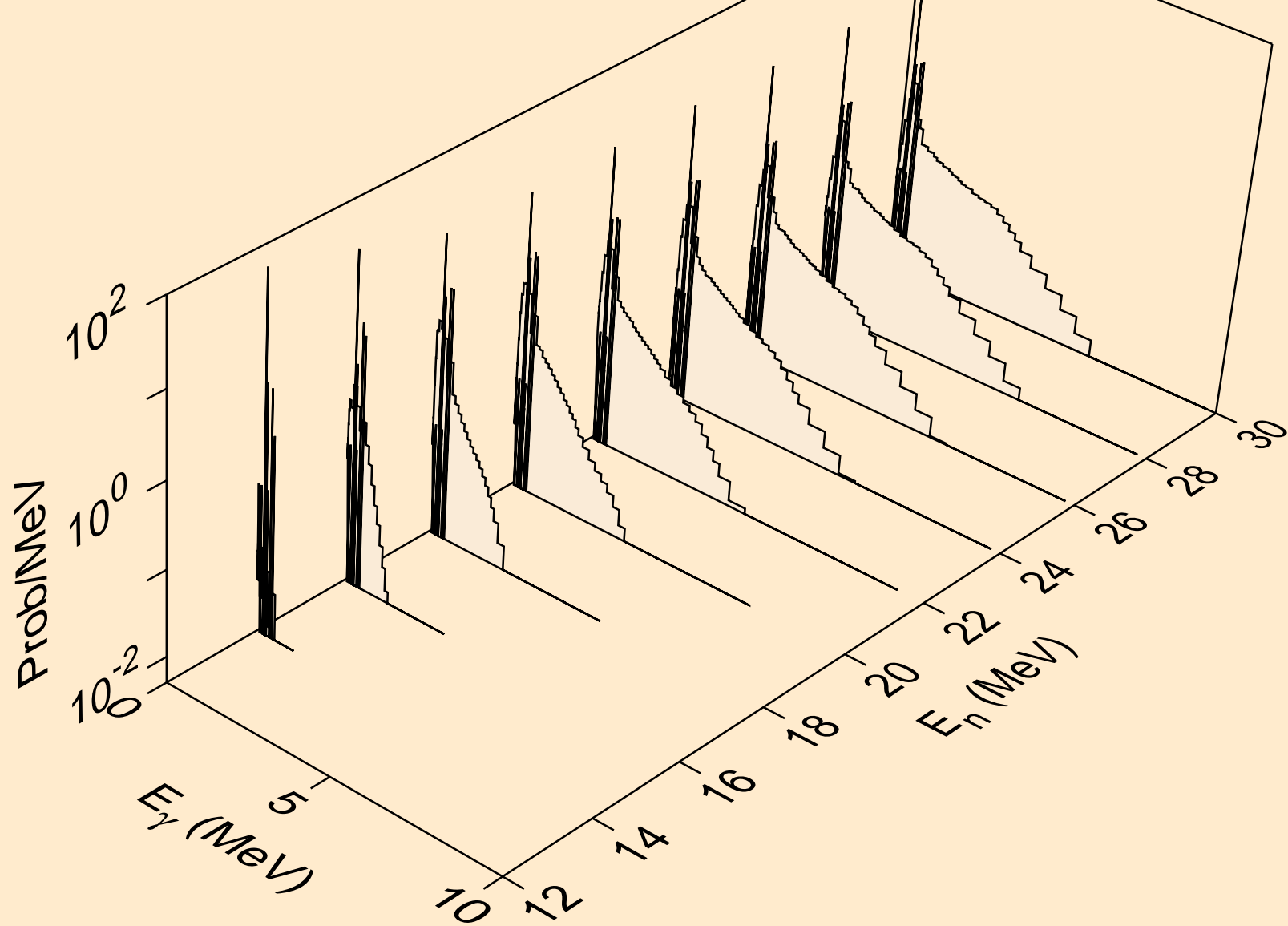
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Photon emission for (n,gma)



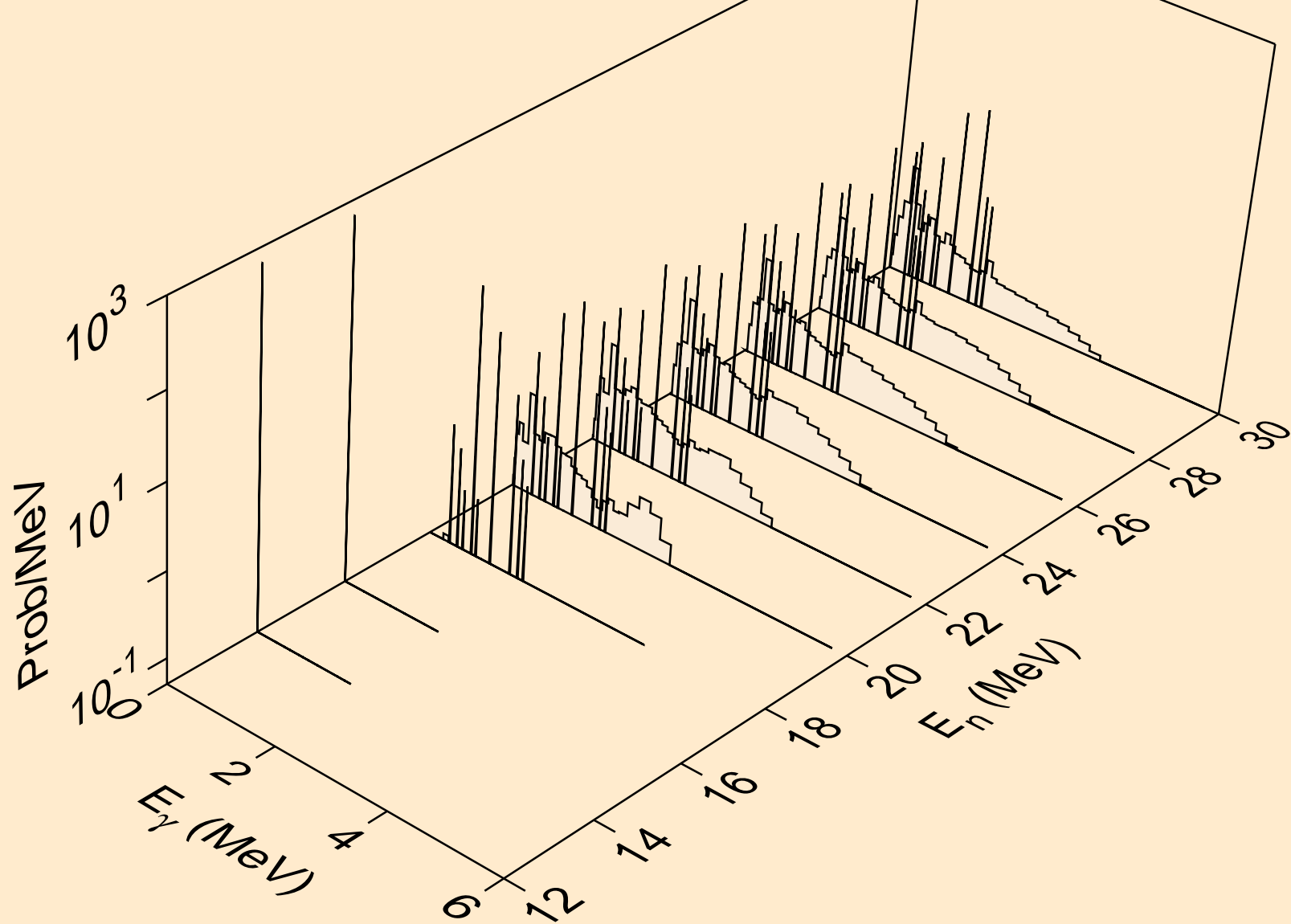
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

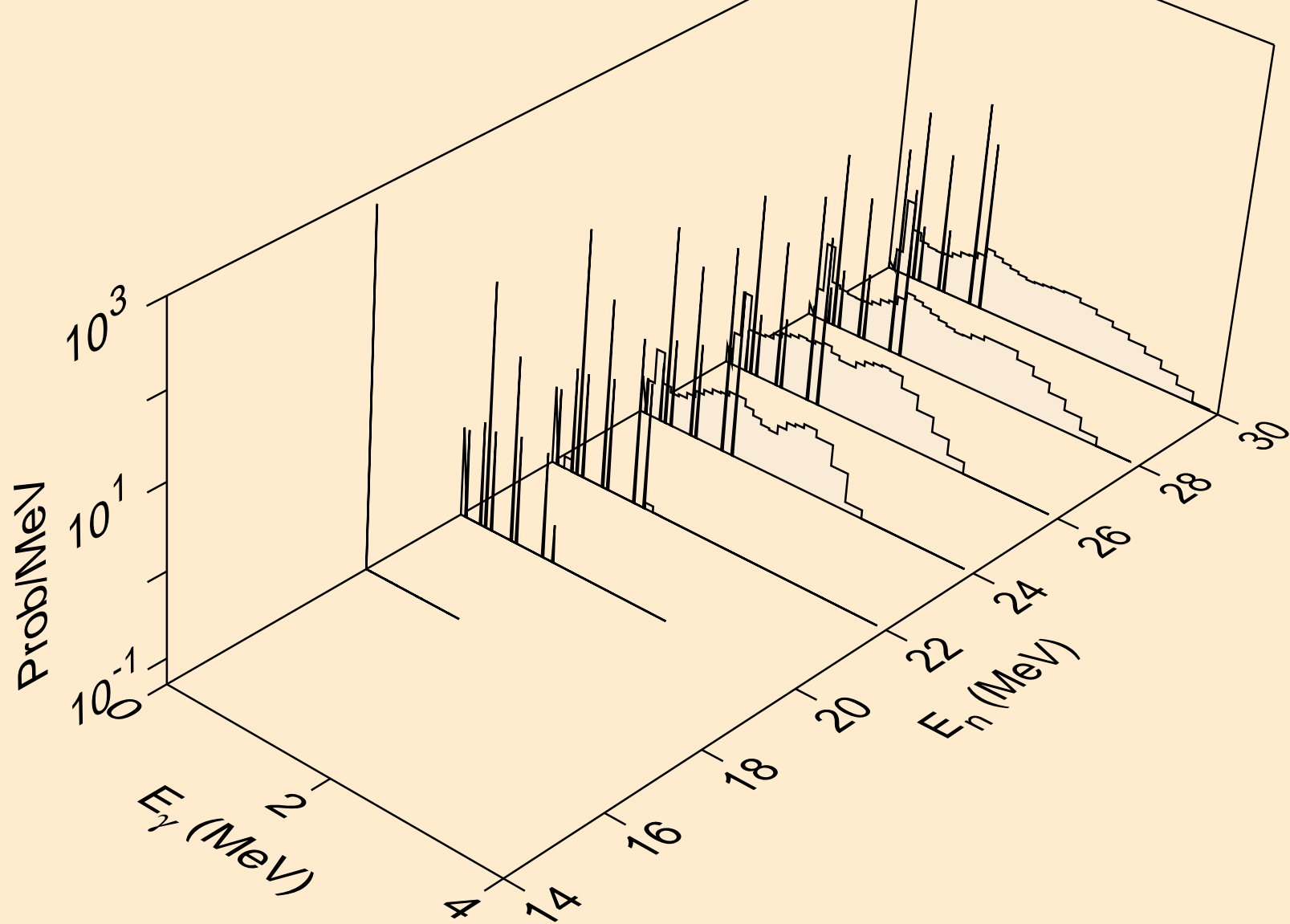


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Photon emission for (n,t)

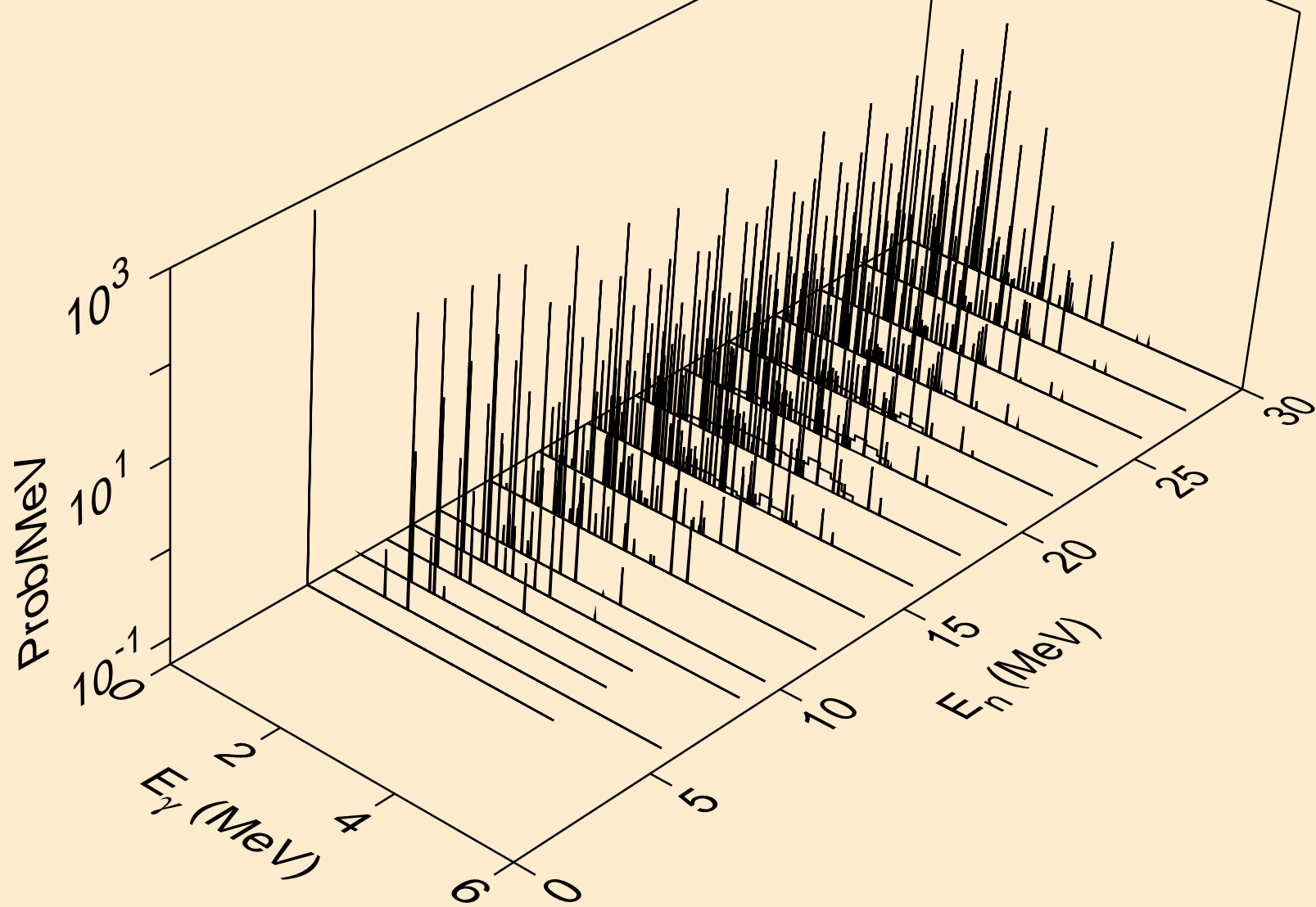




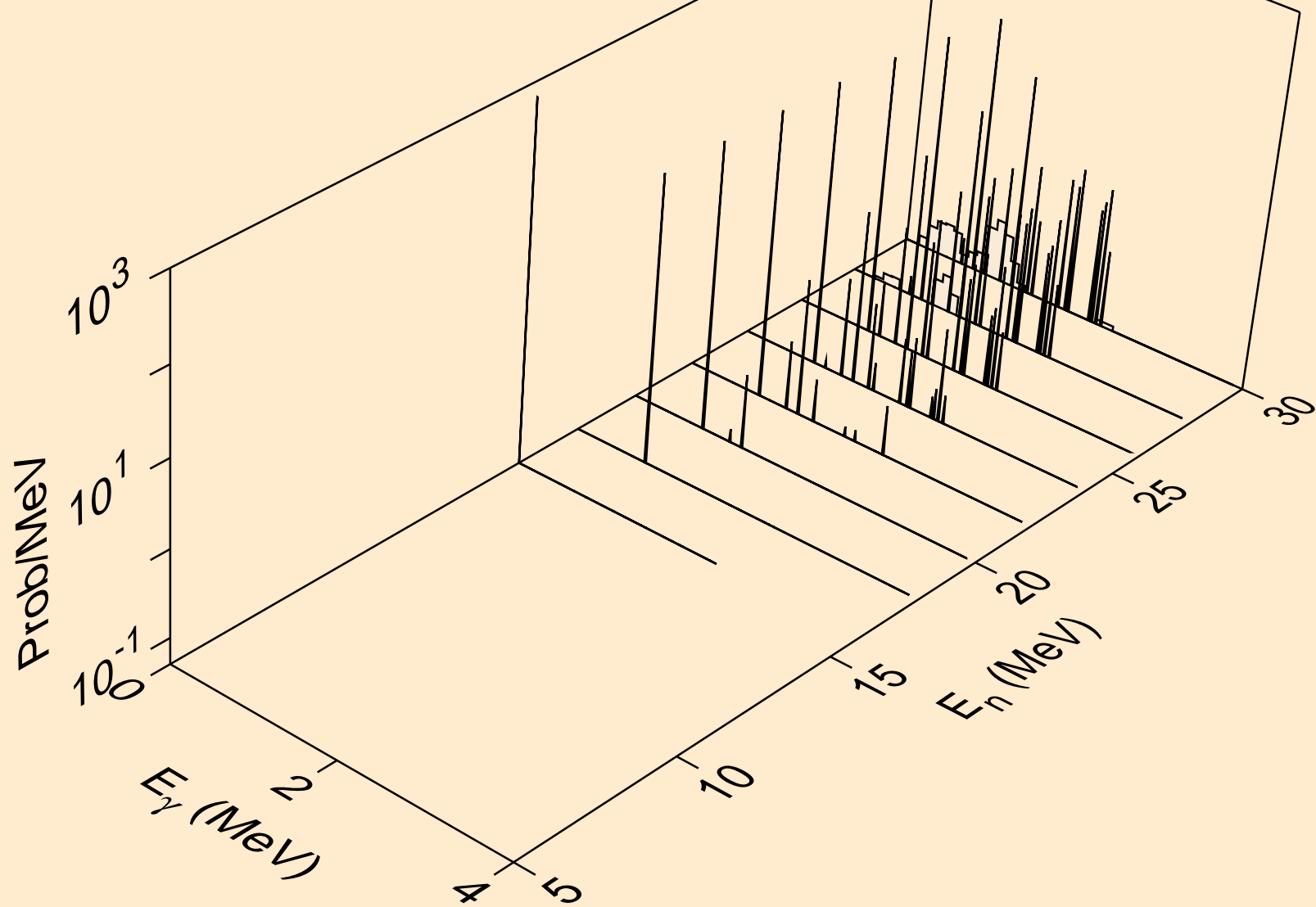
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Photon emission for (n,he3)



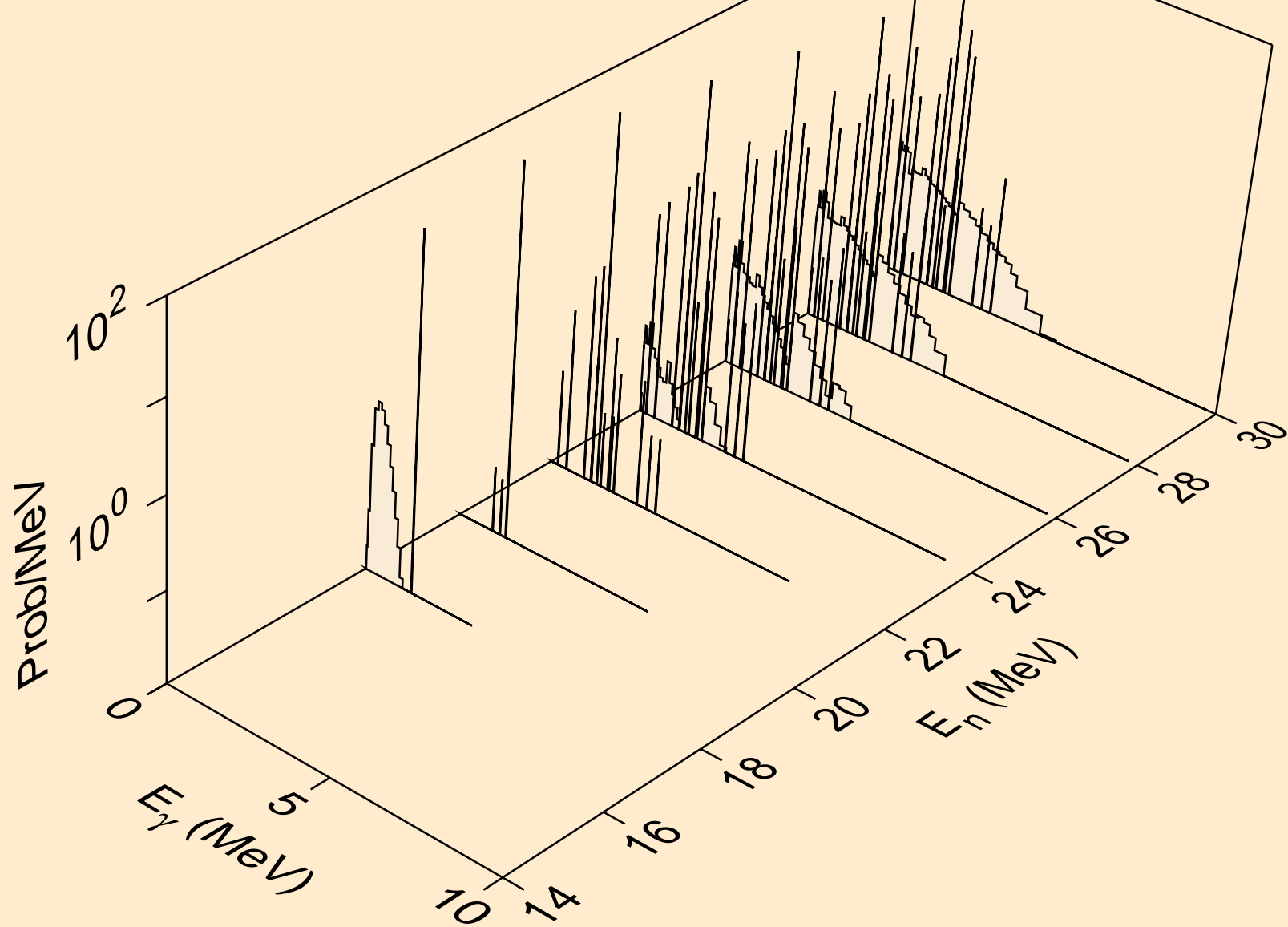
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



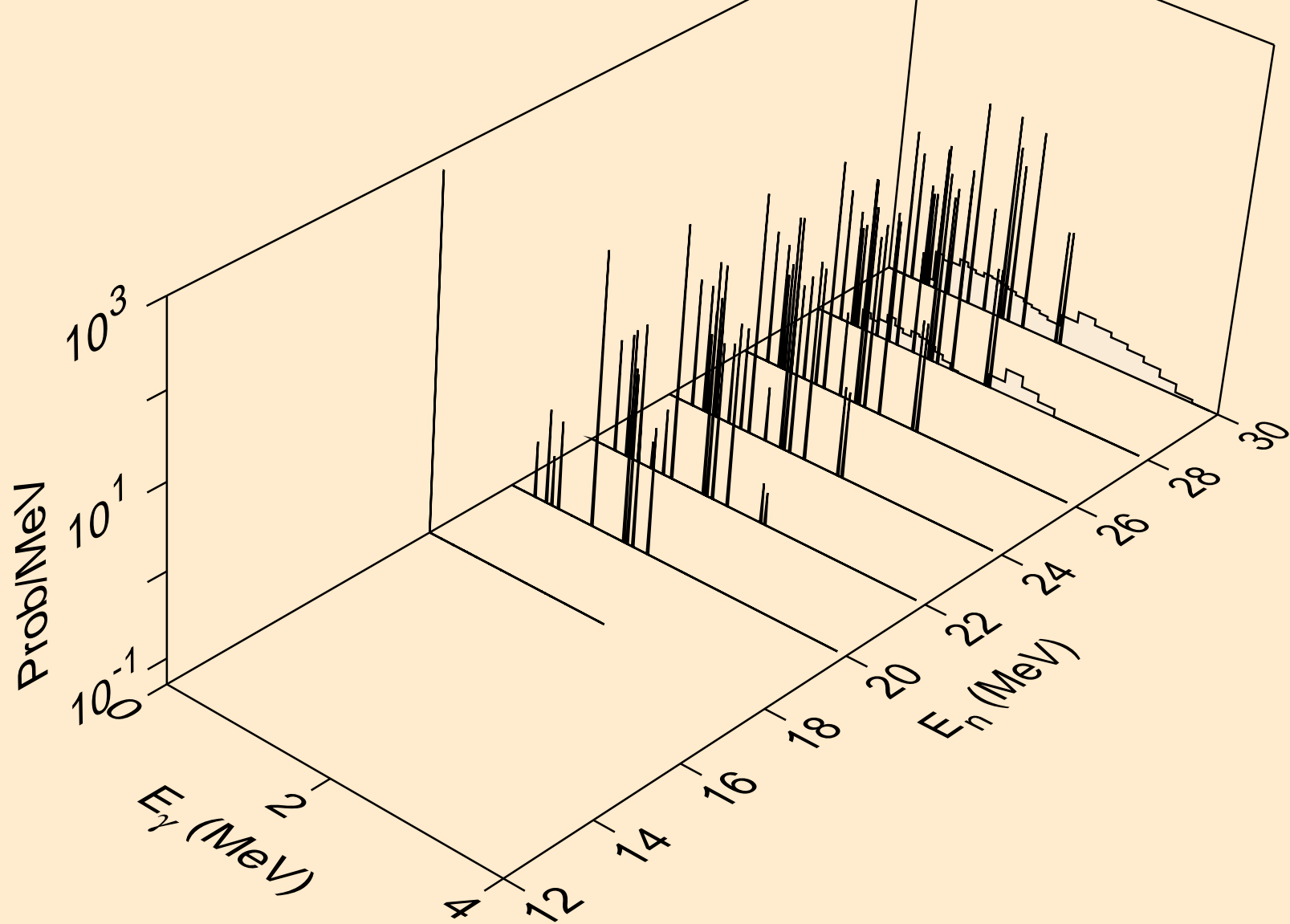
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Photon emission for (n,2a)



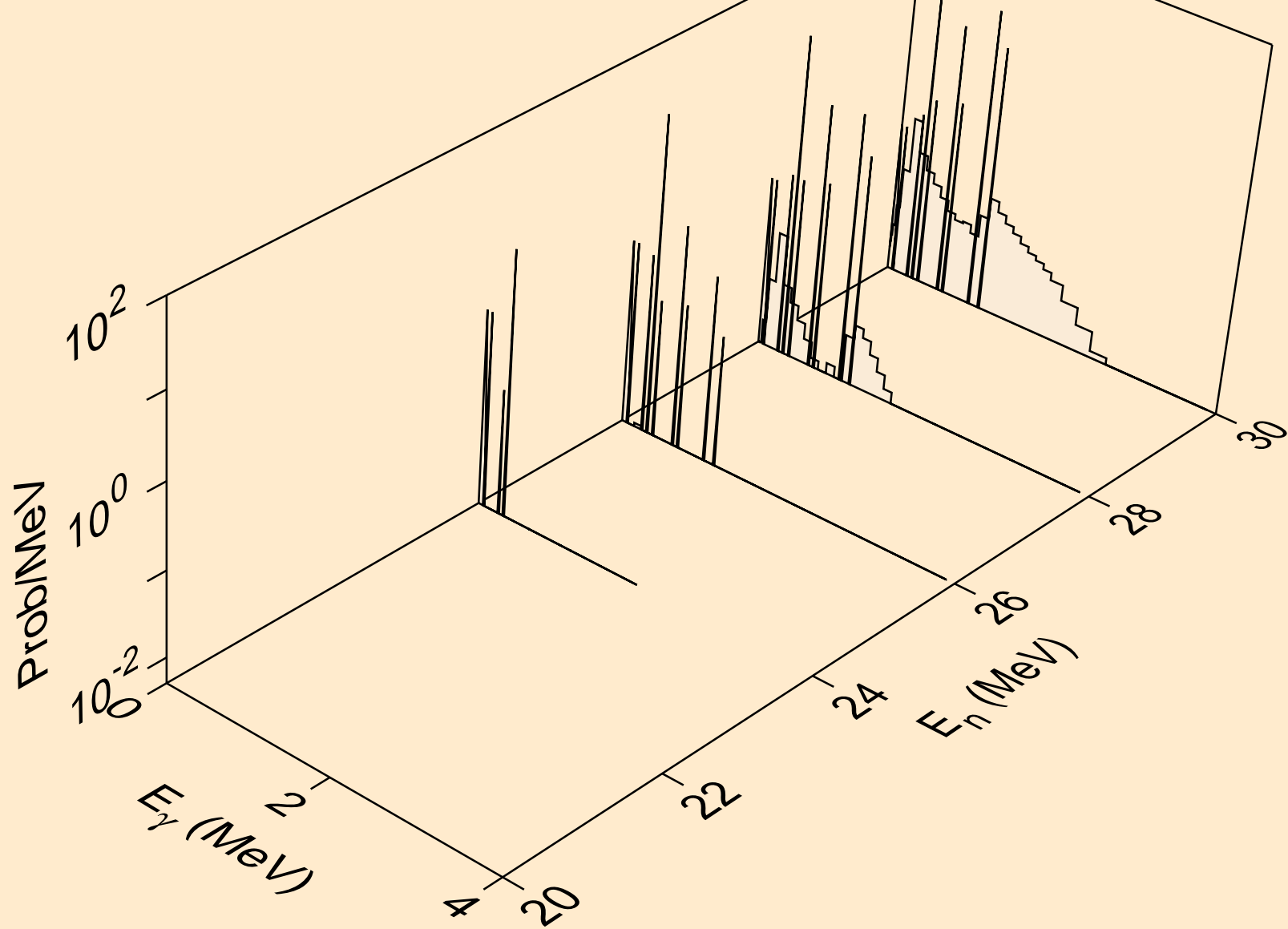
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Photon emission for (n,2p)



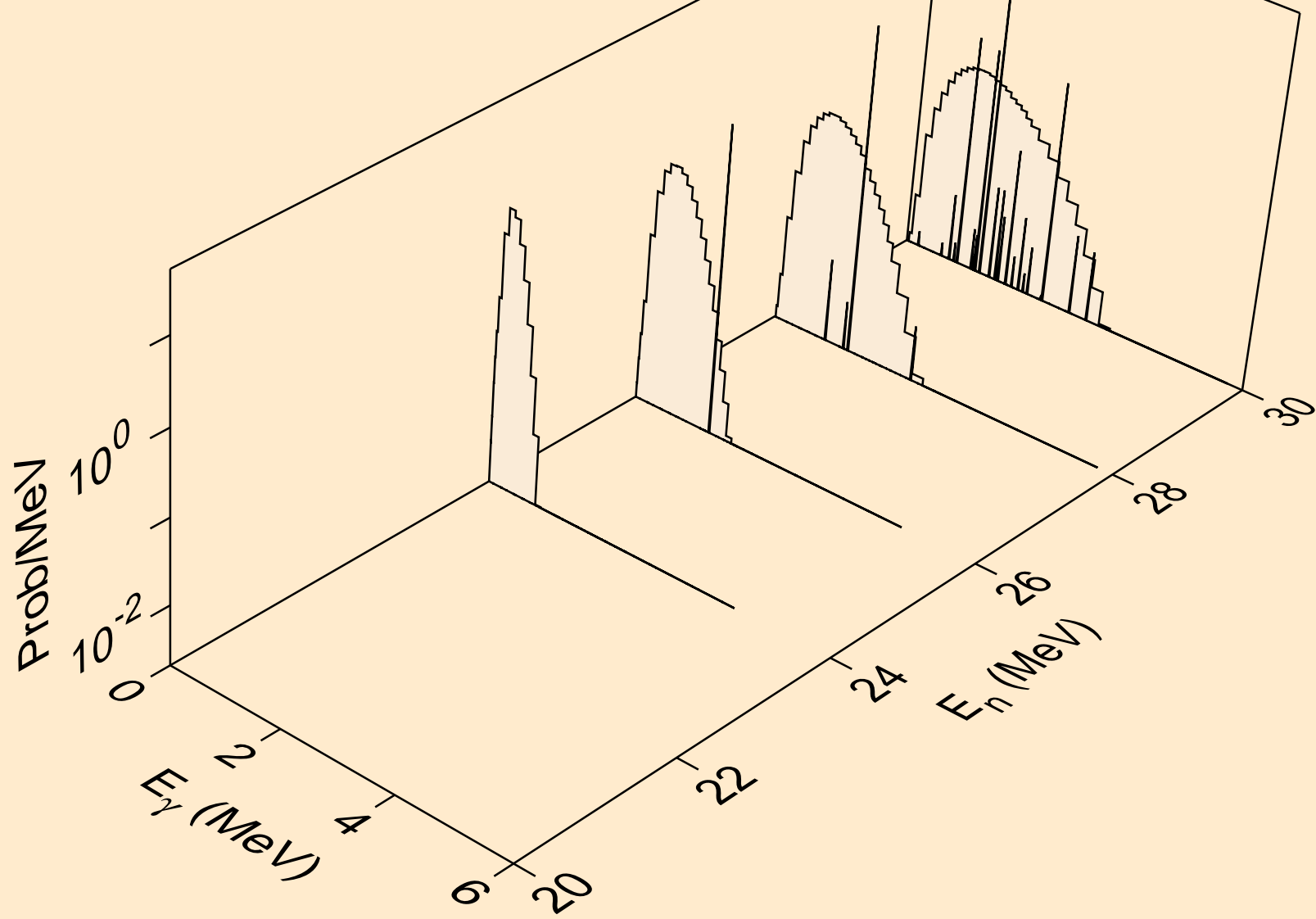
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Photon emission for (n,pa)



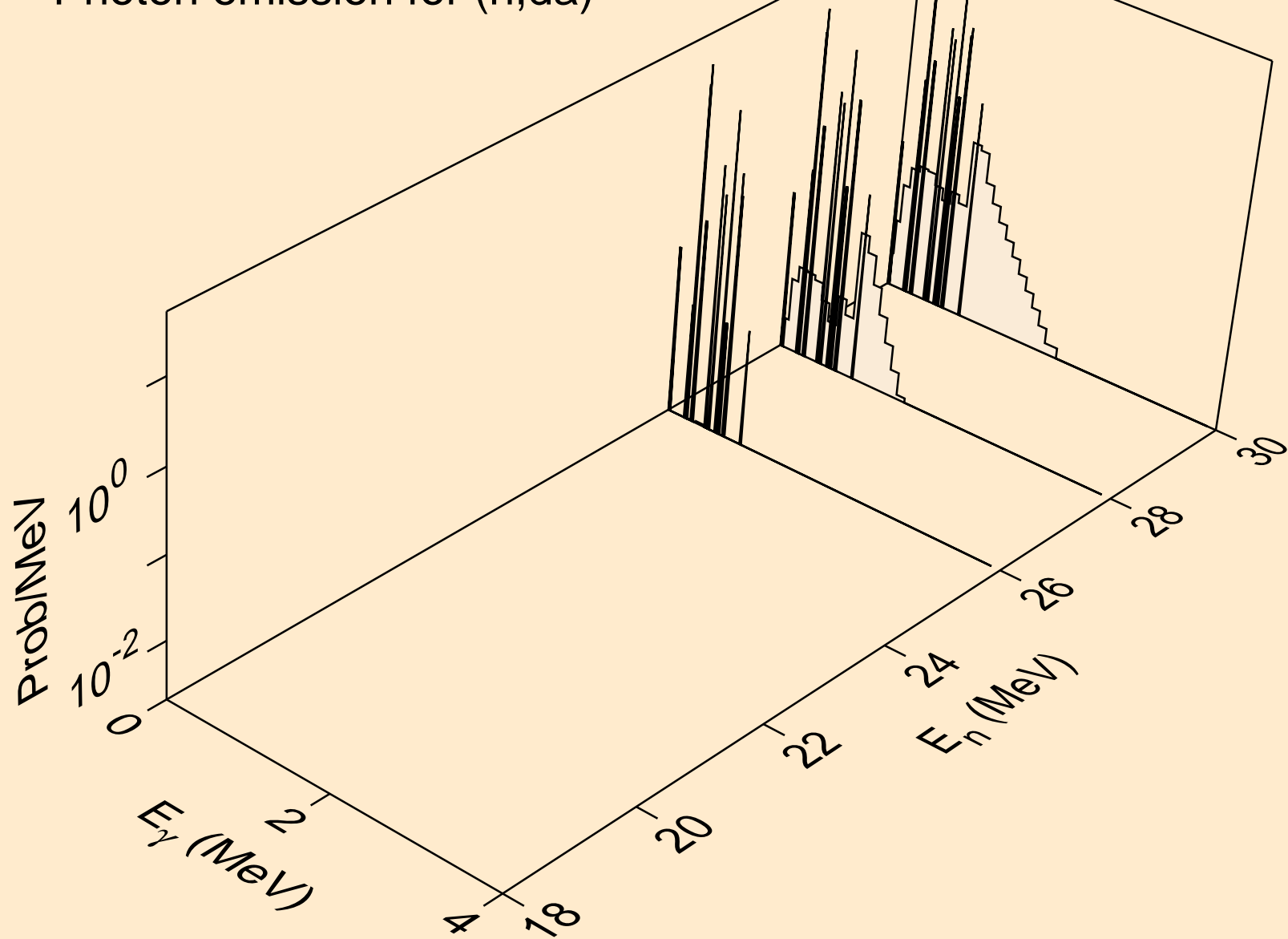
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

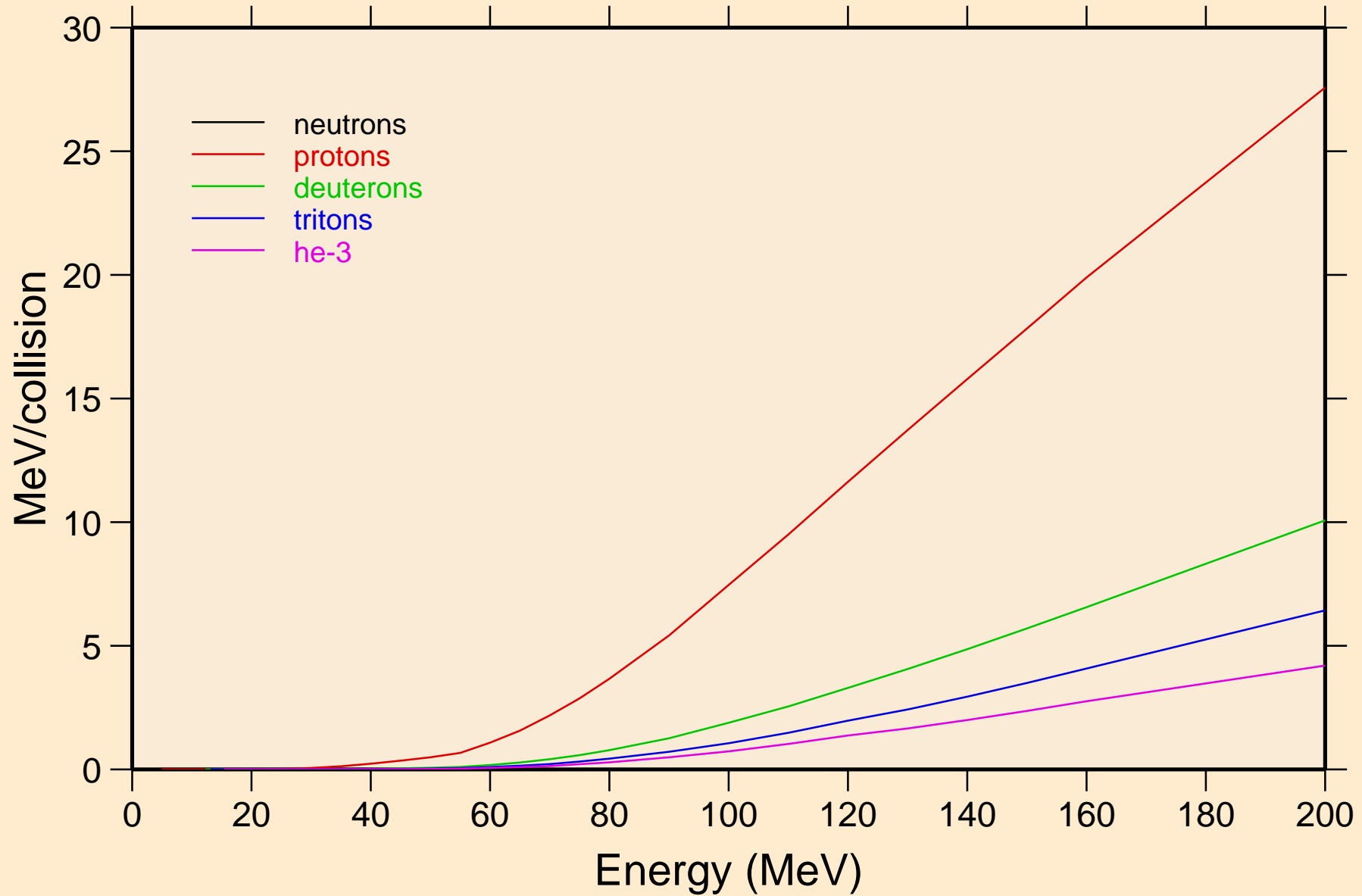


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Photon emission for (n,da)

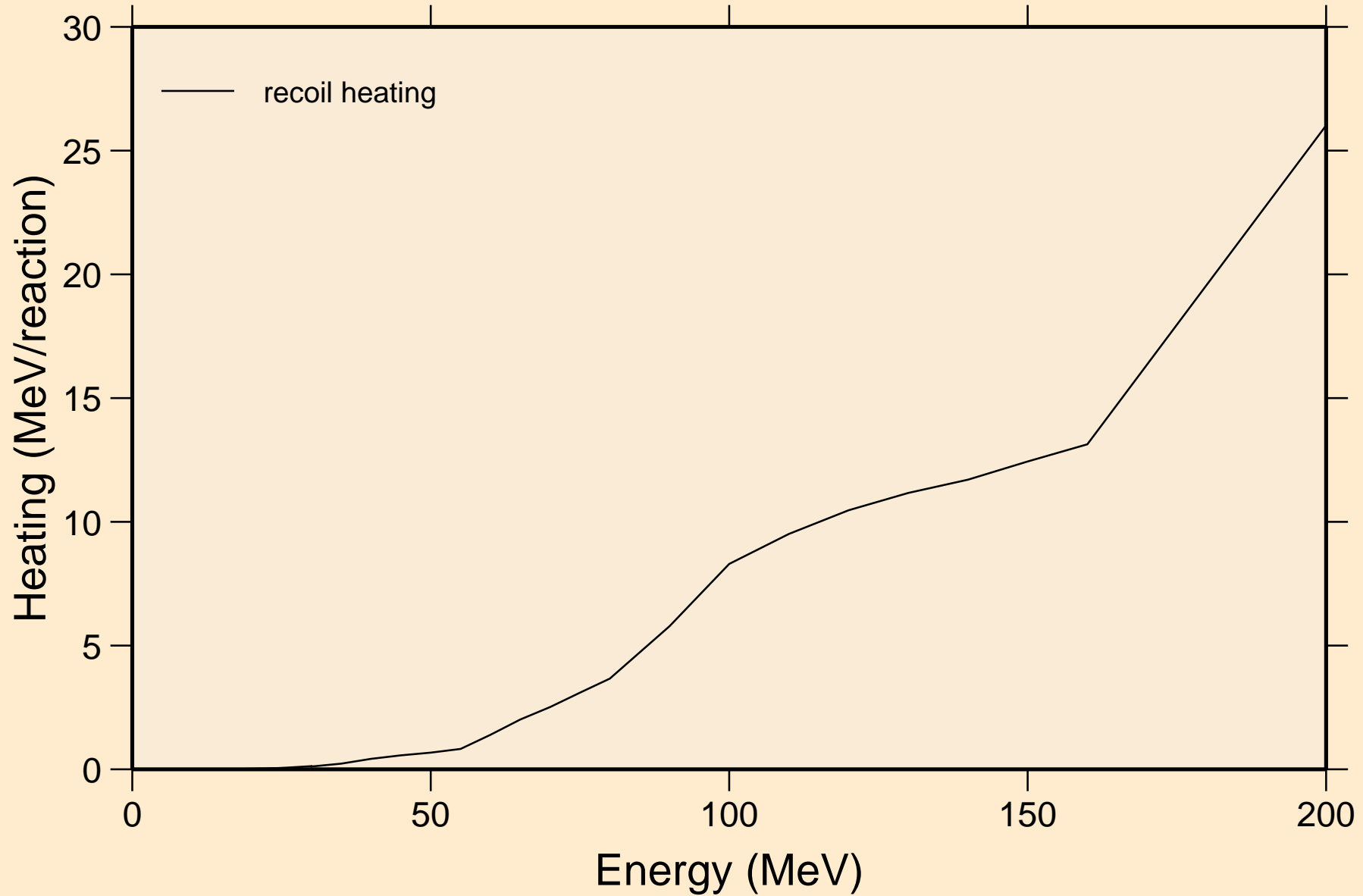




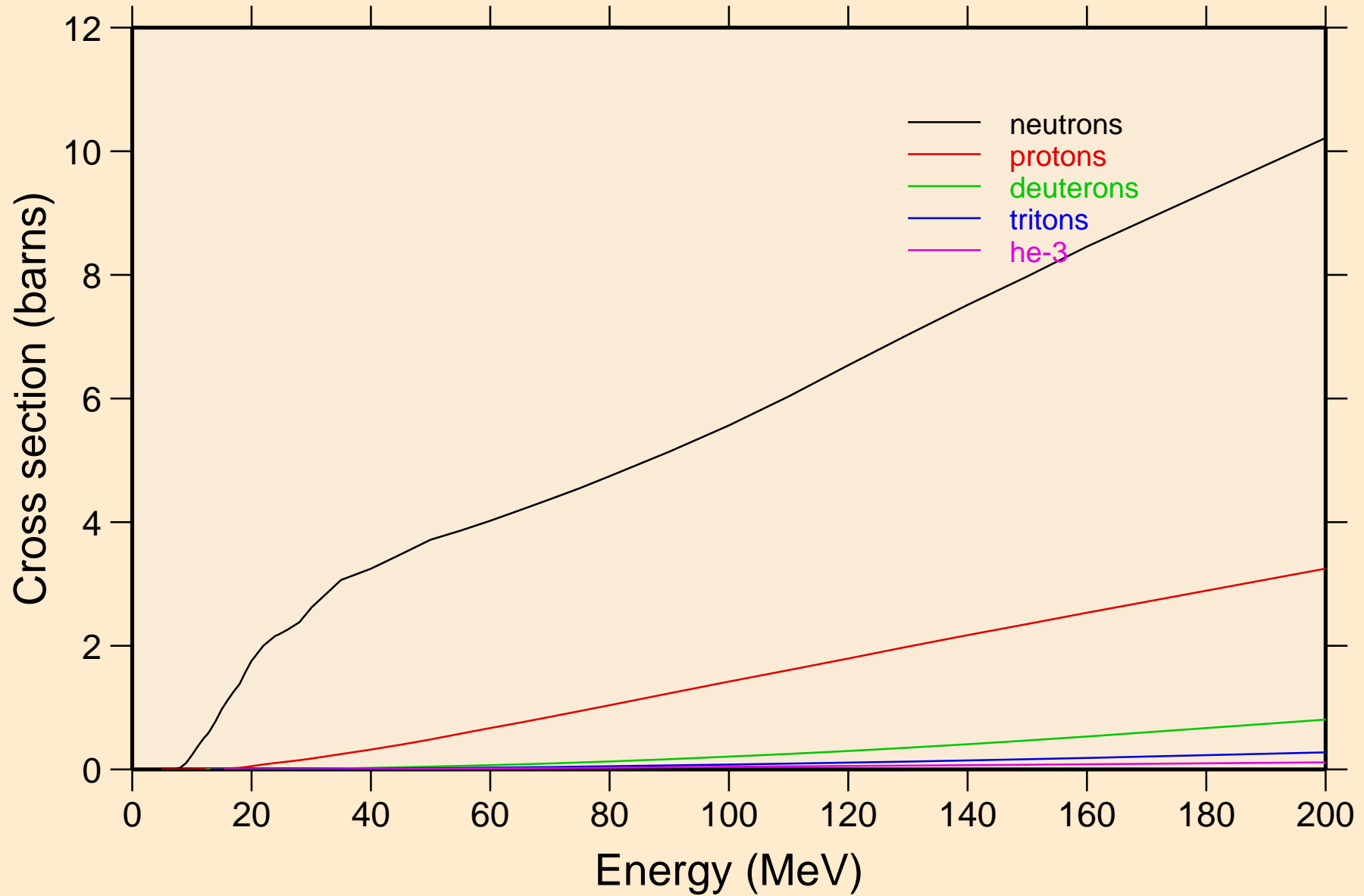
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Particle heating contributions



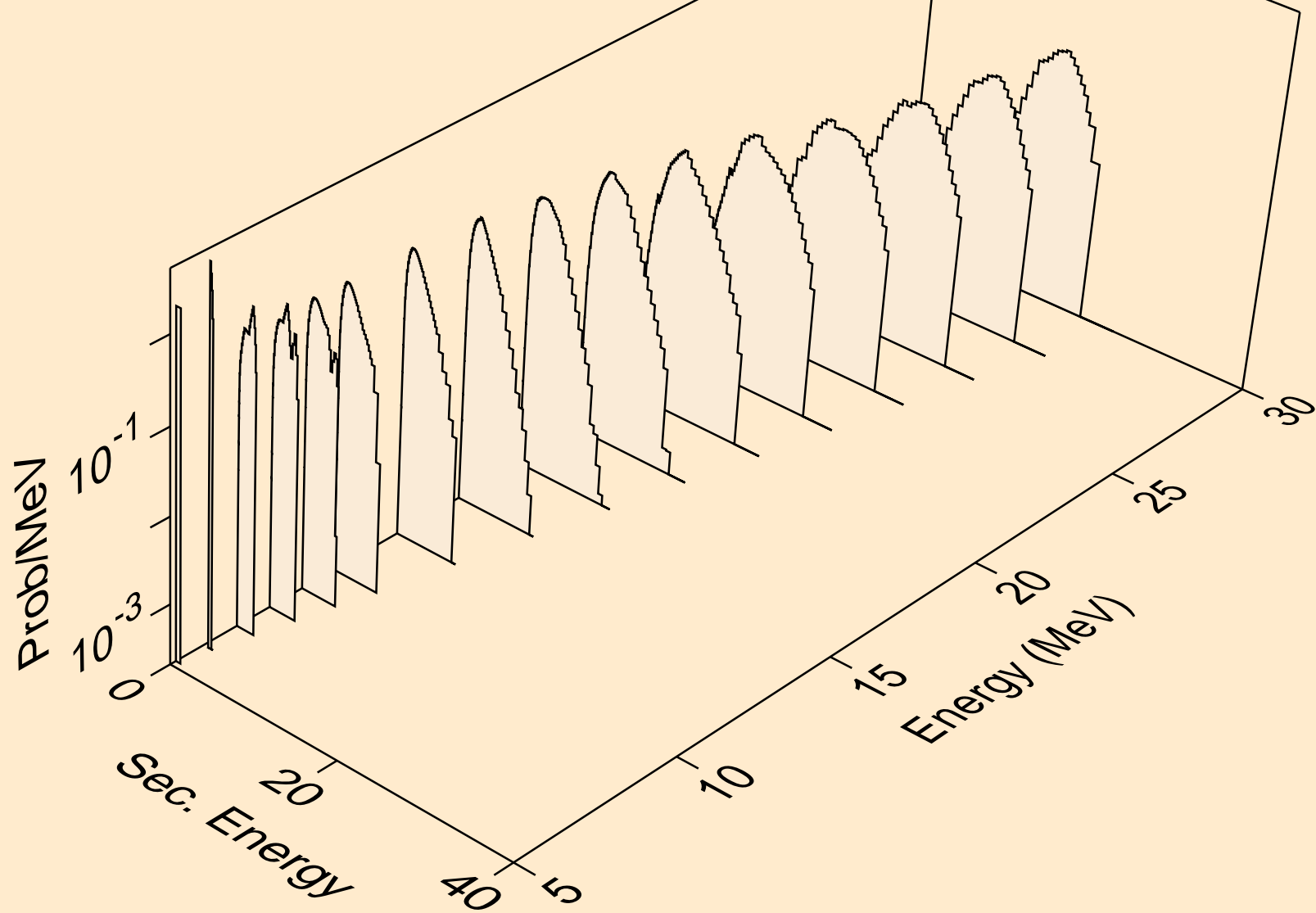
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Recoil Heating



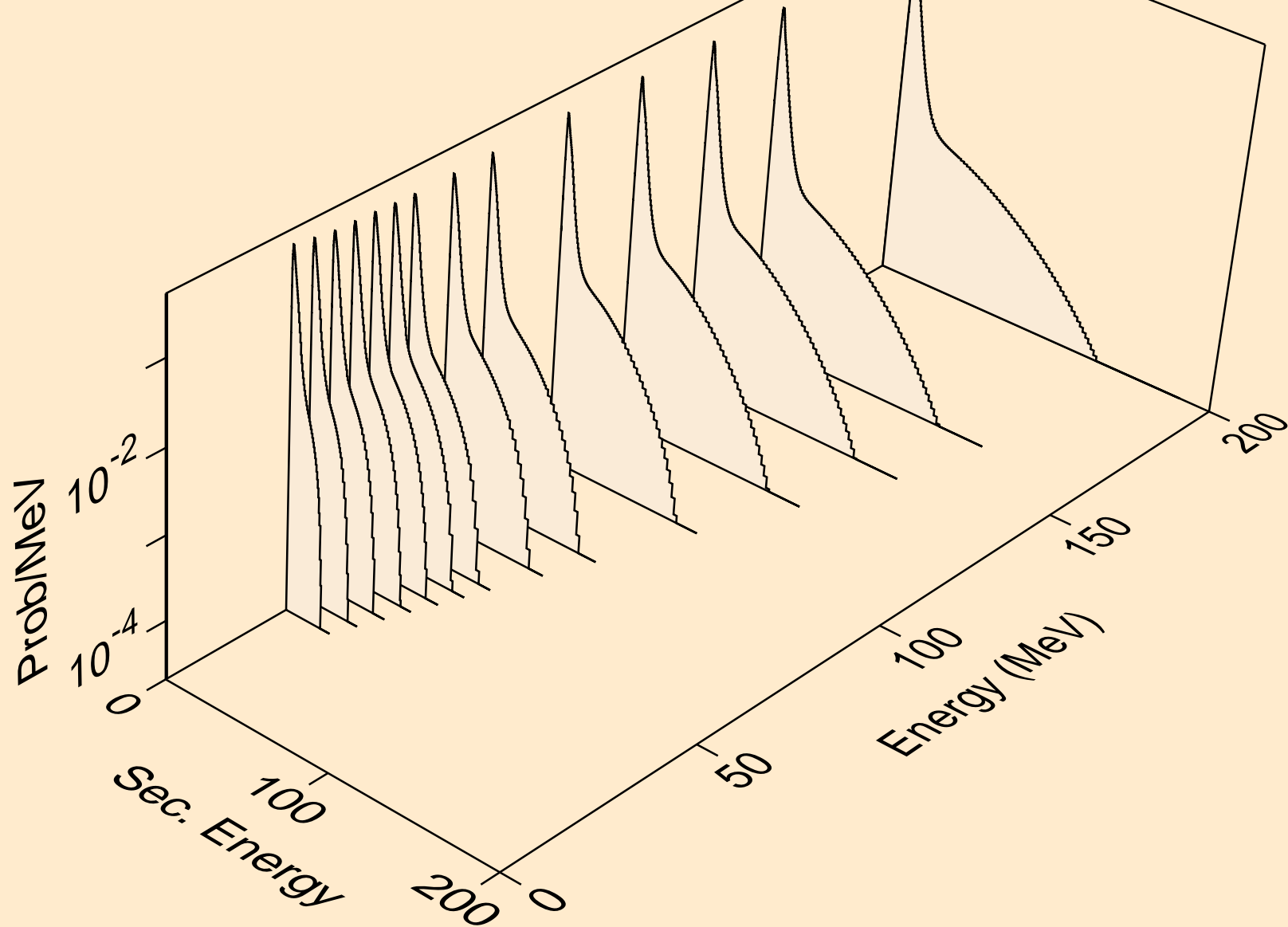
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



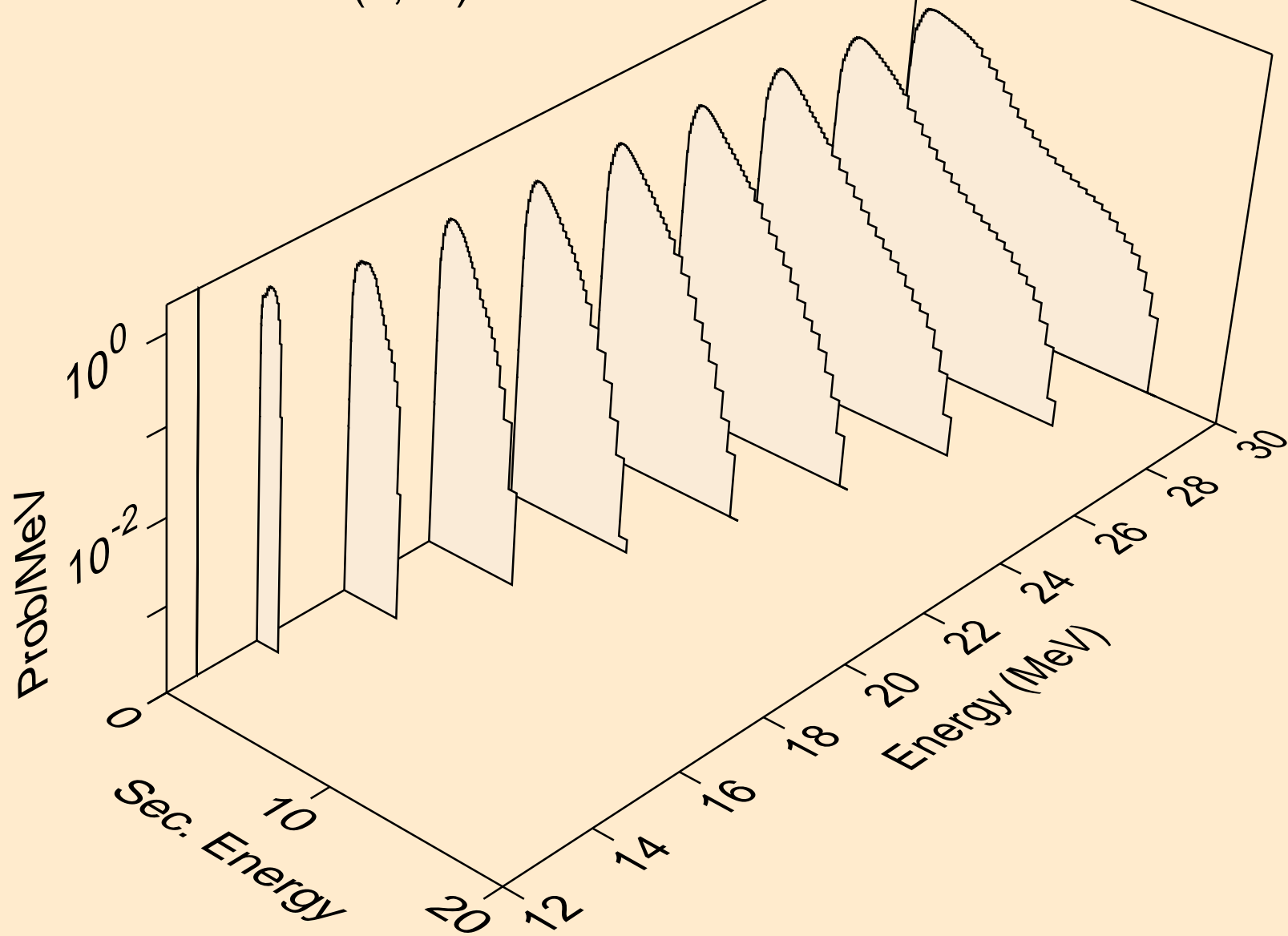
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



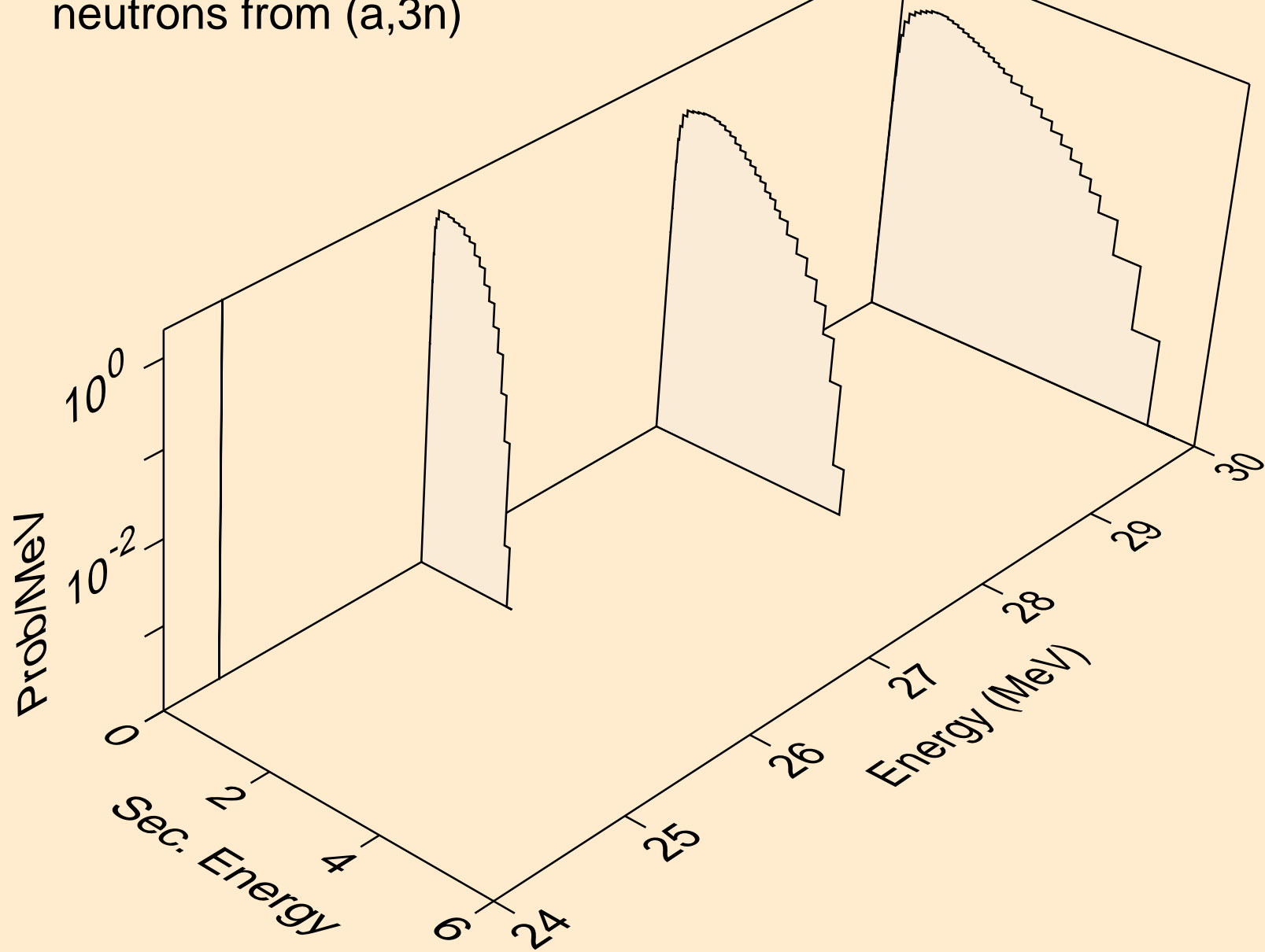
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neutrons from (a,x)



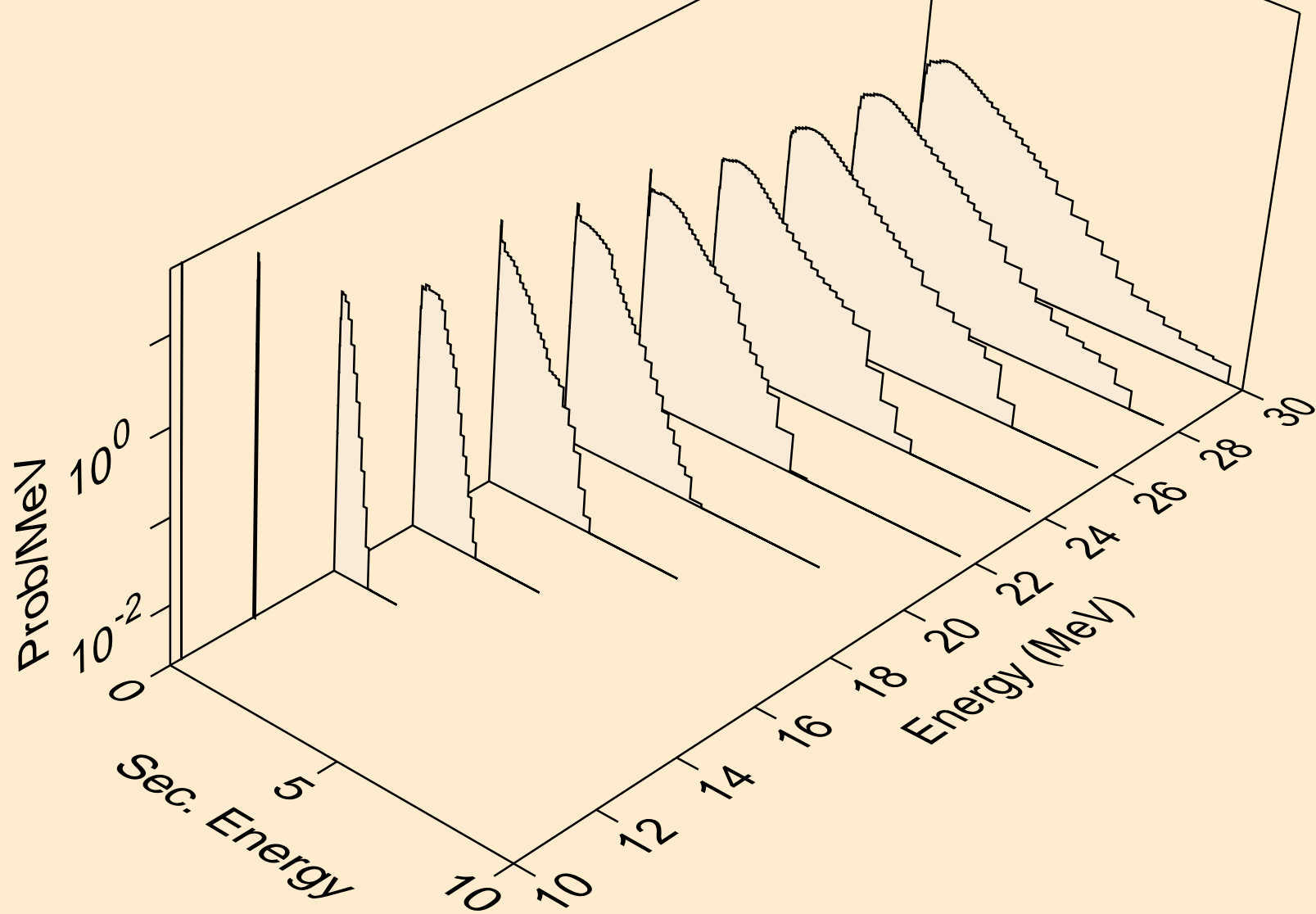
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neutrons from (a,2n)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)

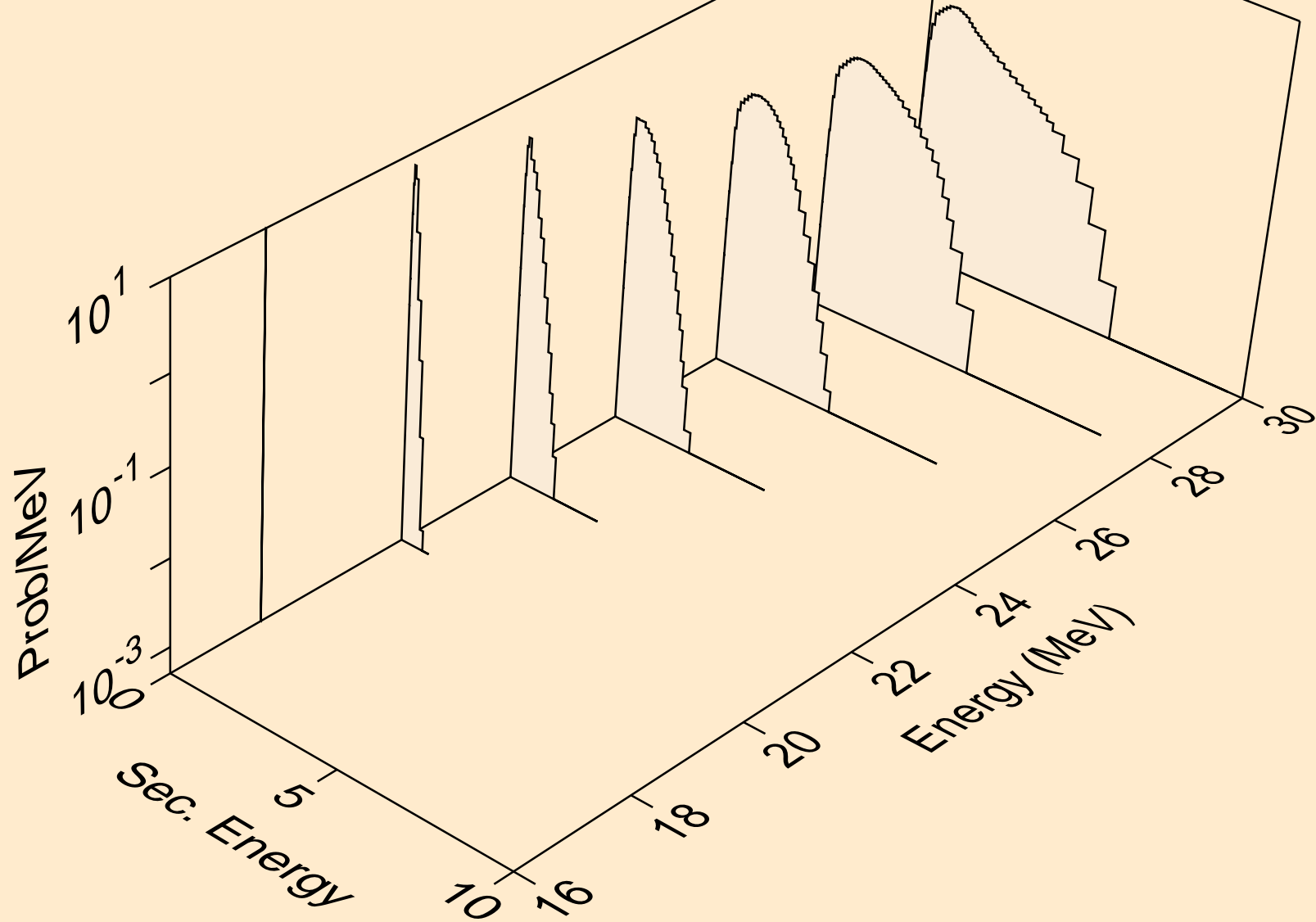


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

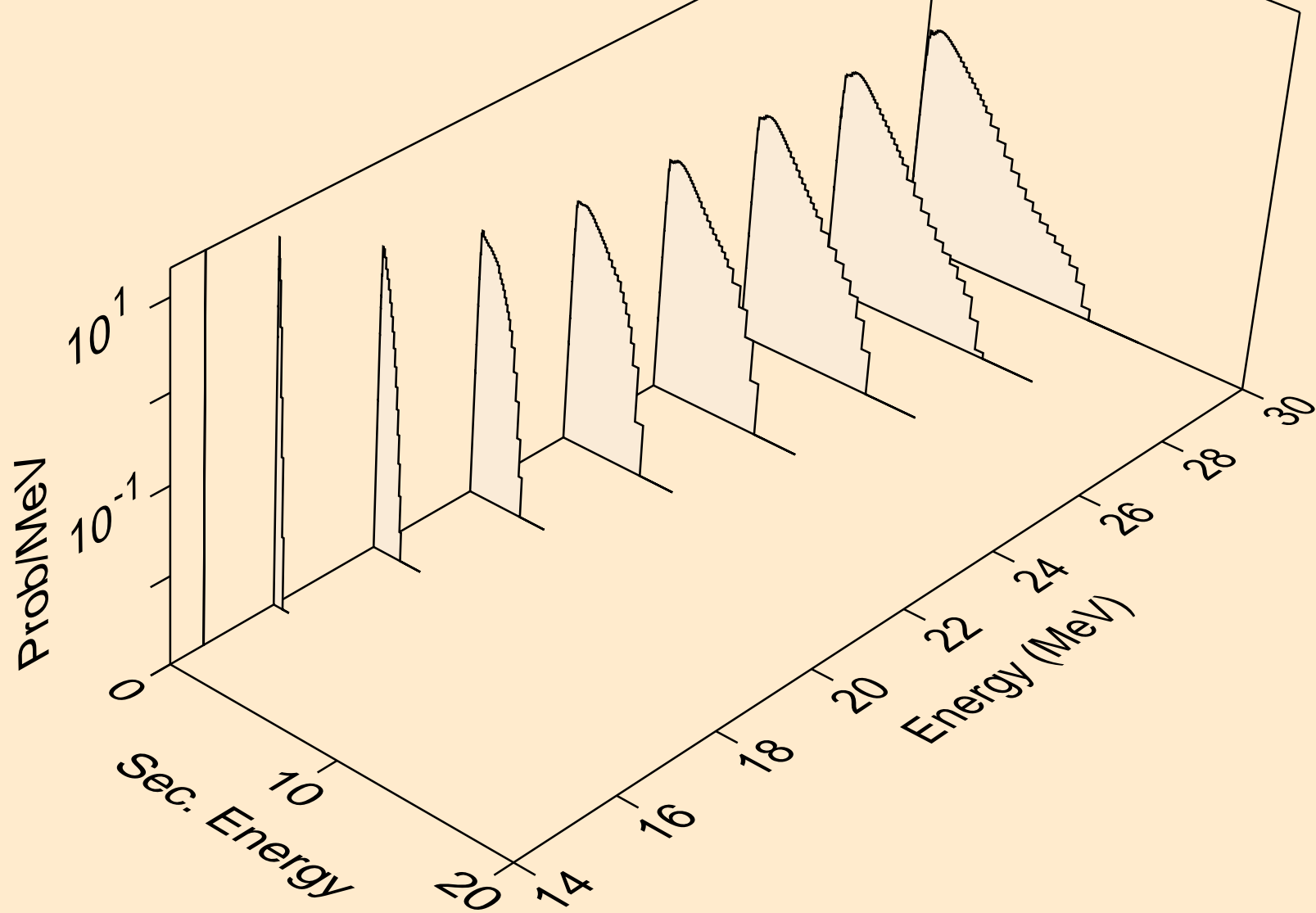




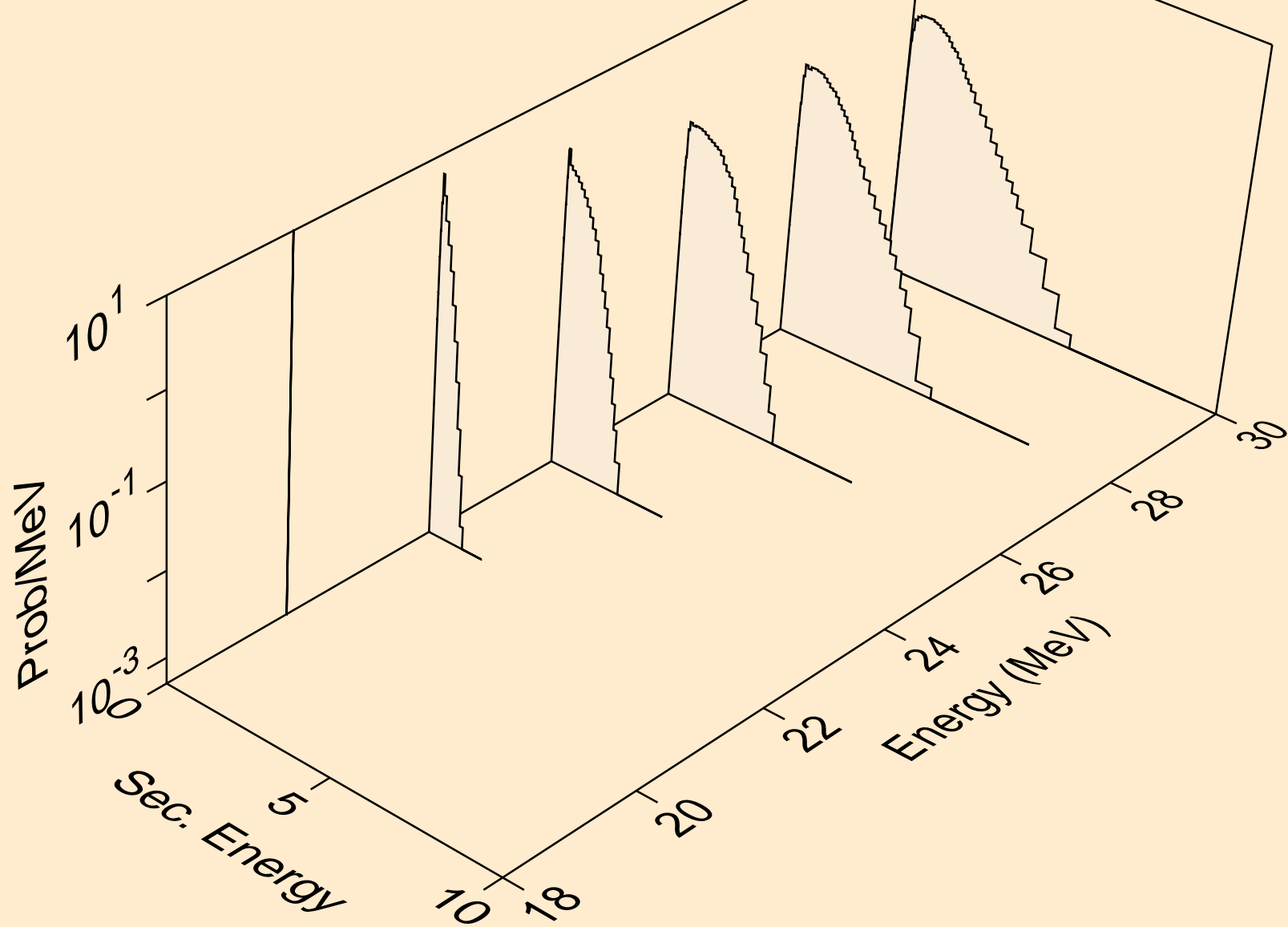
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neutrons from (a,2n)a



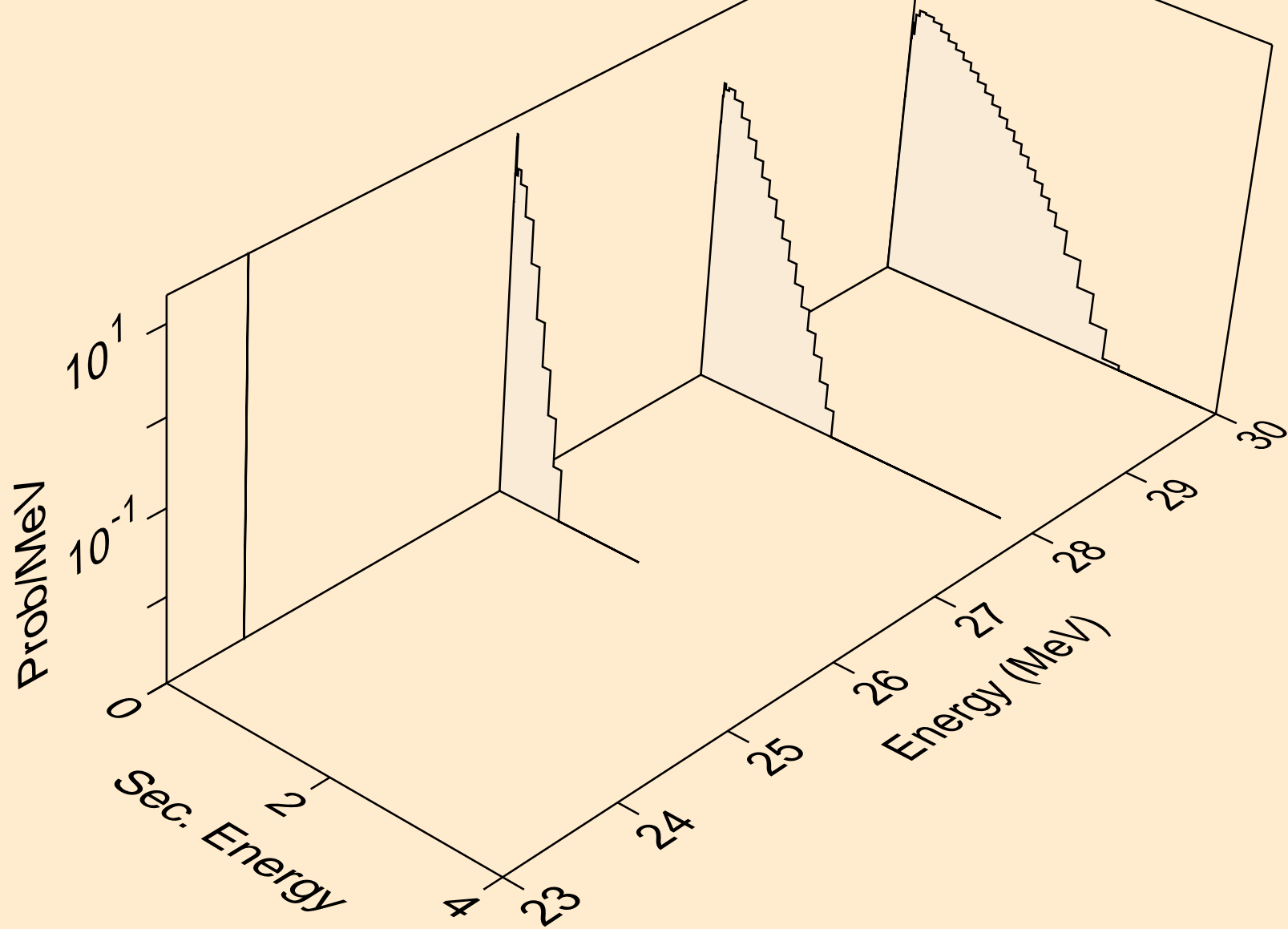
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neutrons from (a,n\*)p



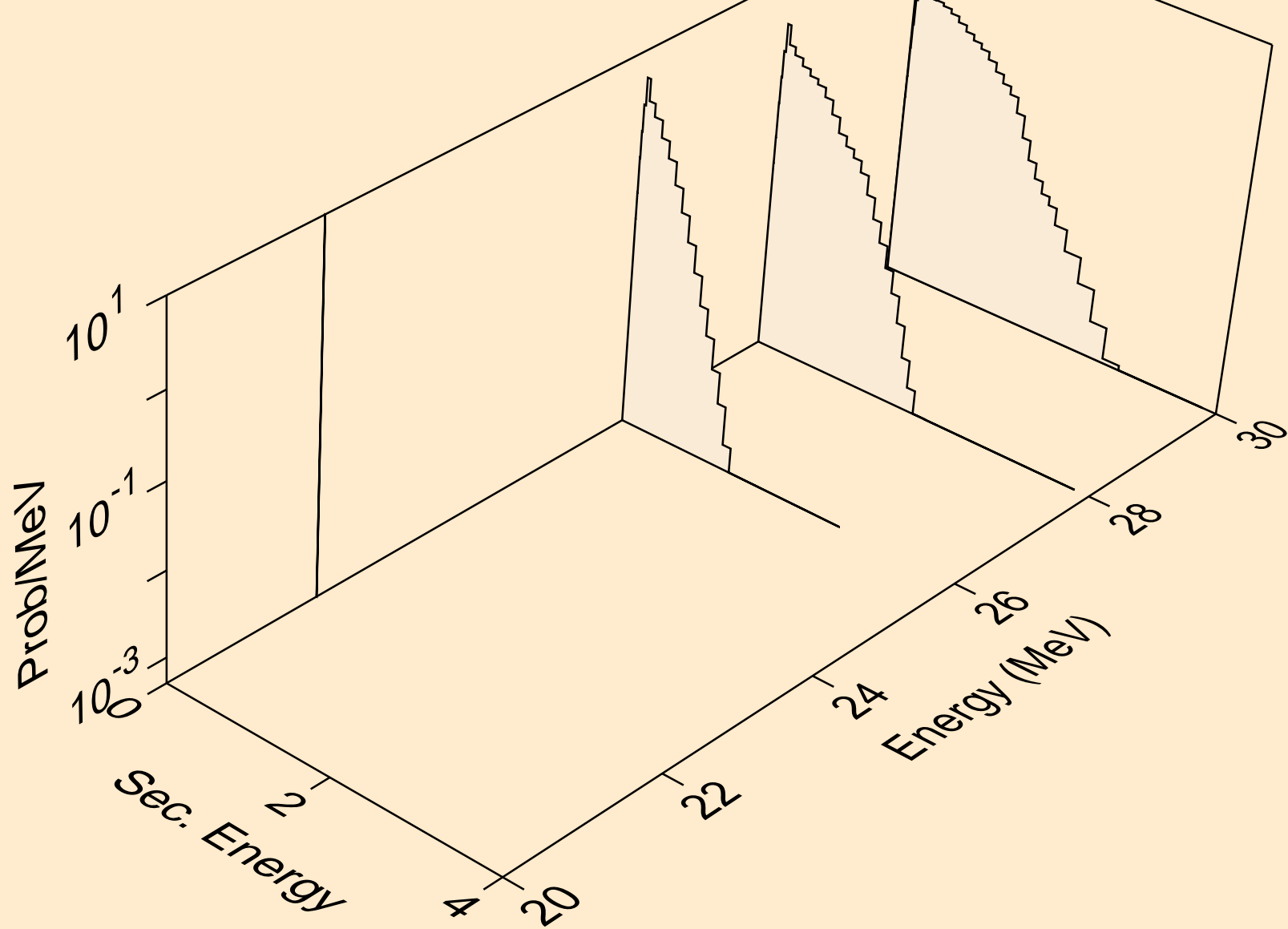
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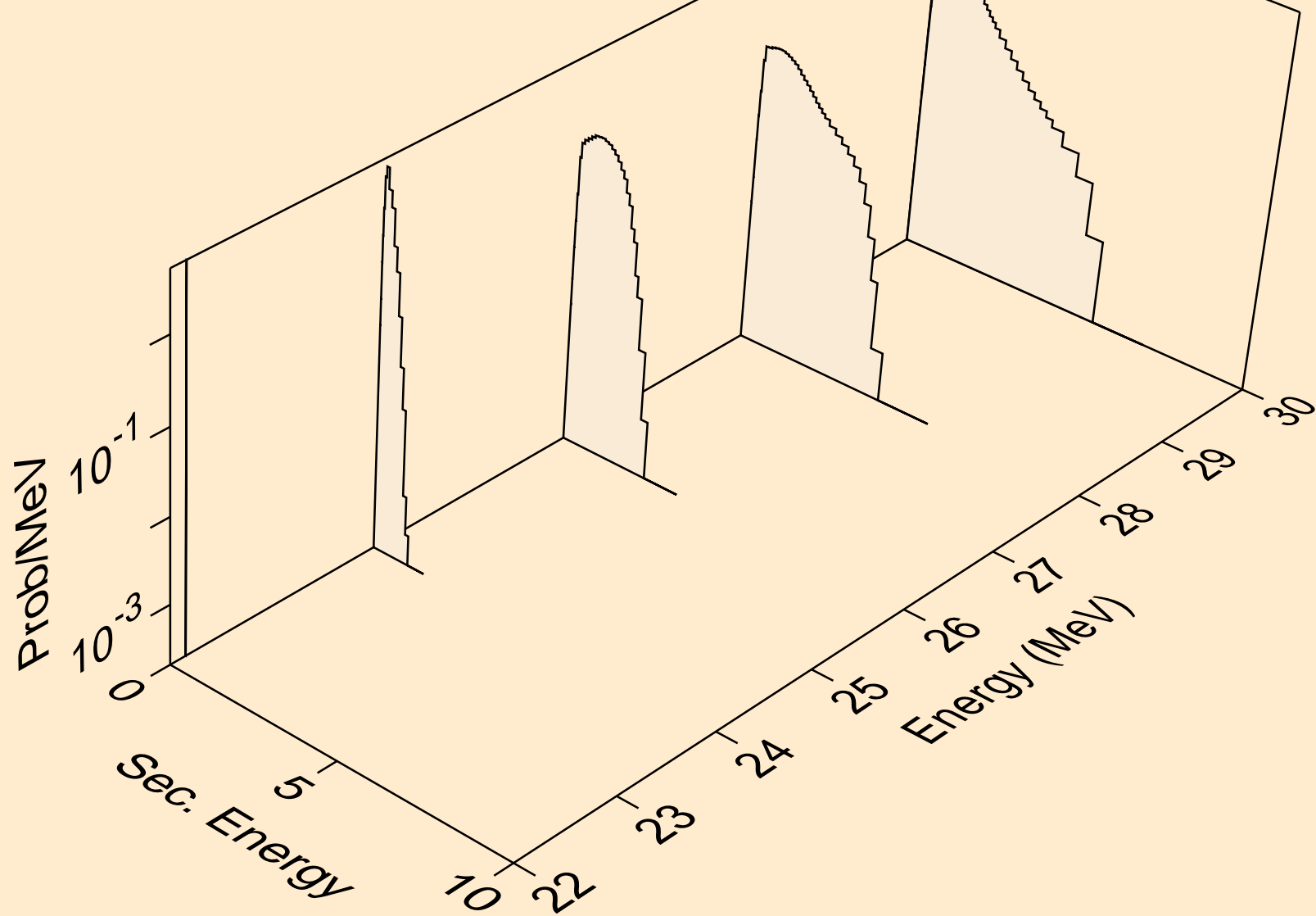
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neutrons from (a,n\*)t



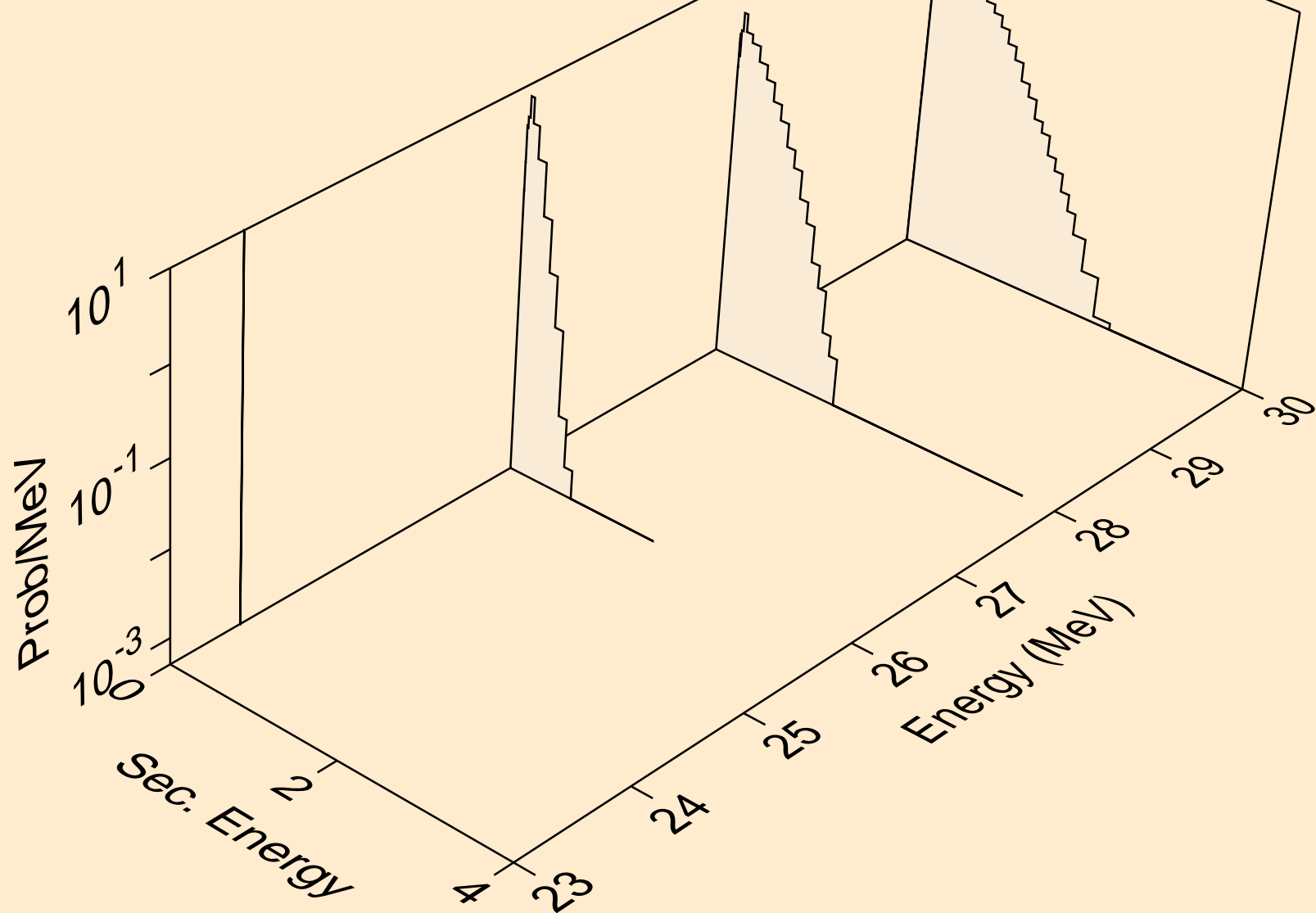
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



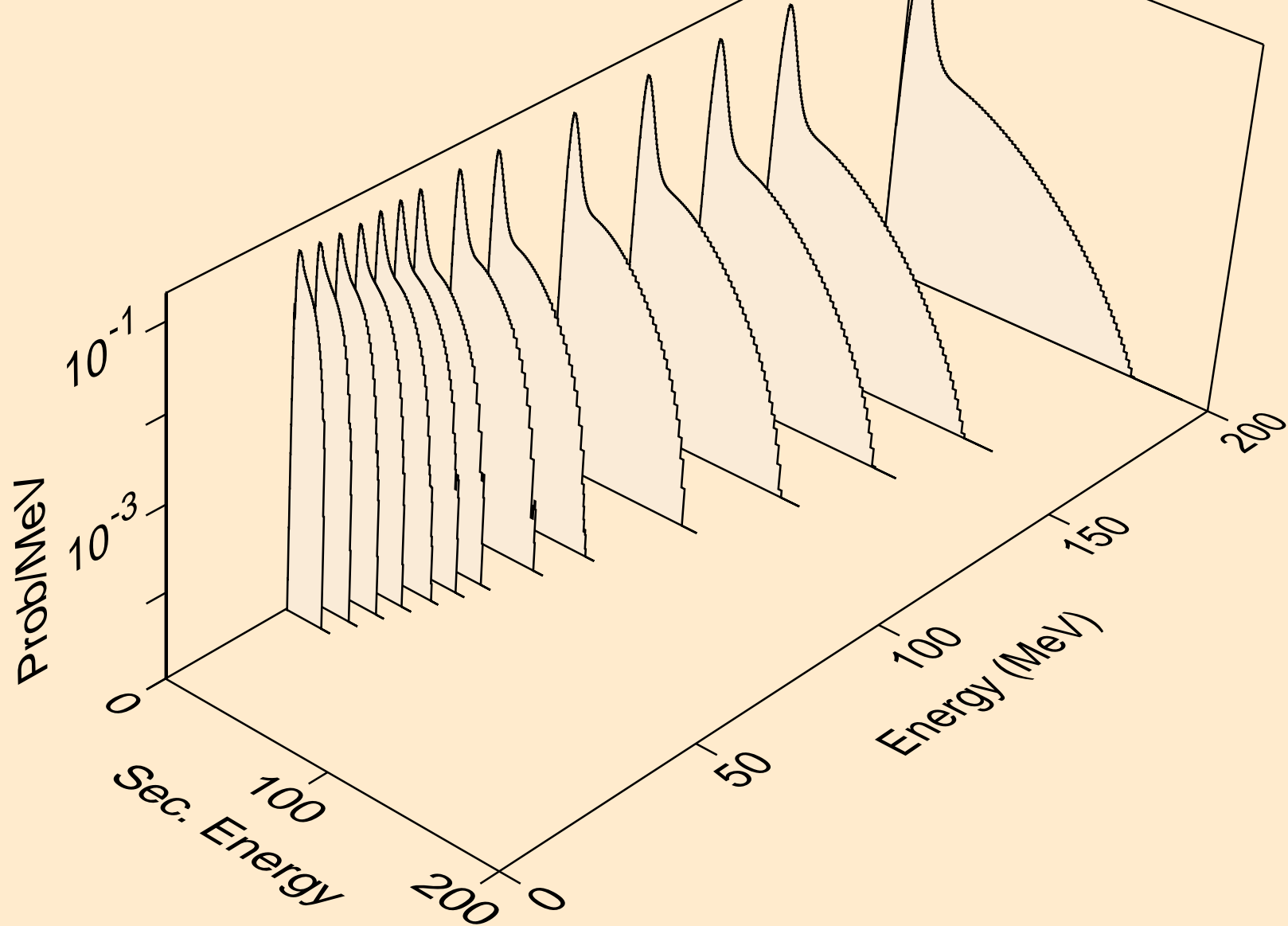
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neutrons from (a,2np)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

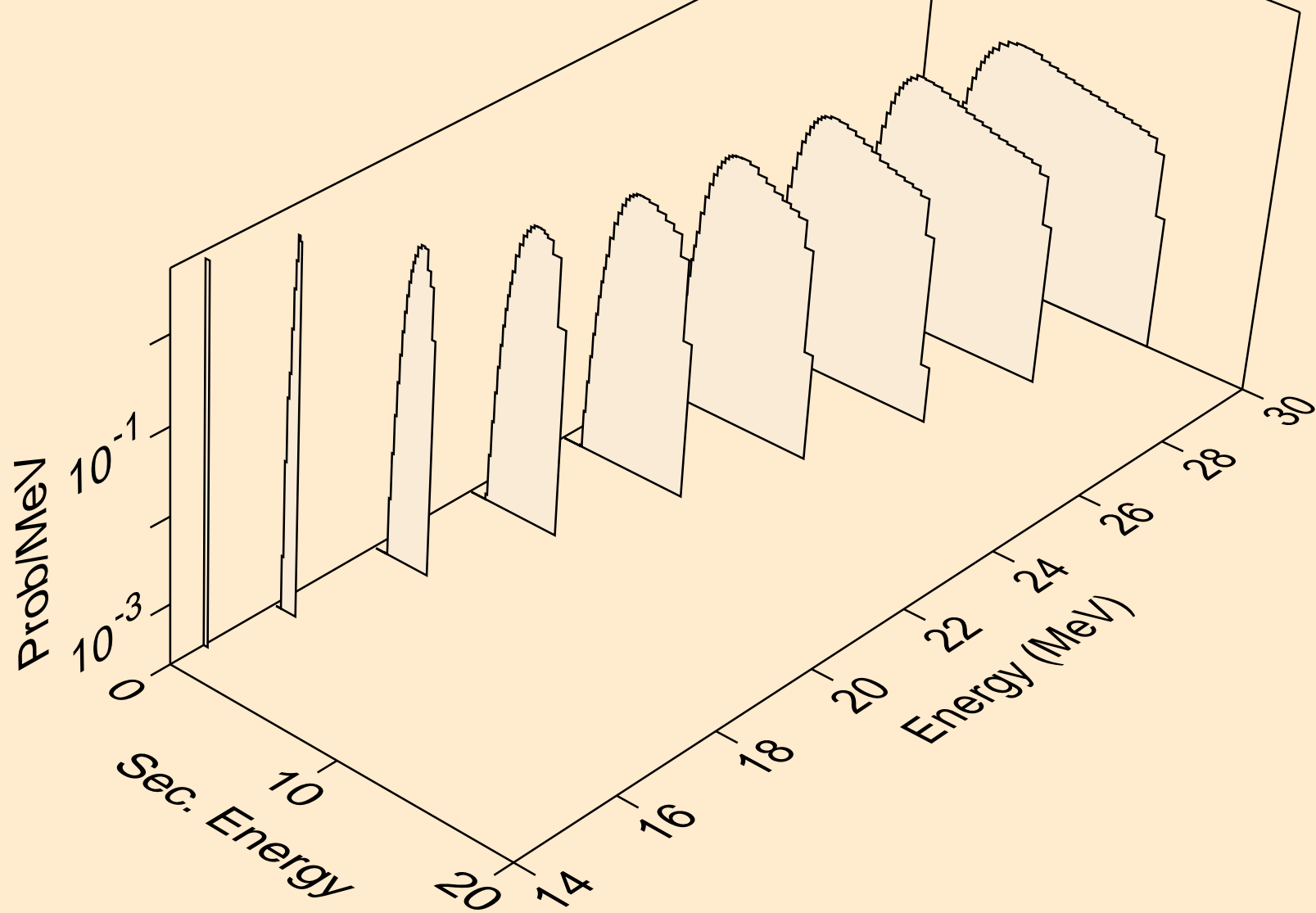


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protons from (a,x)

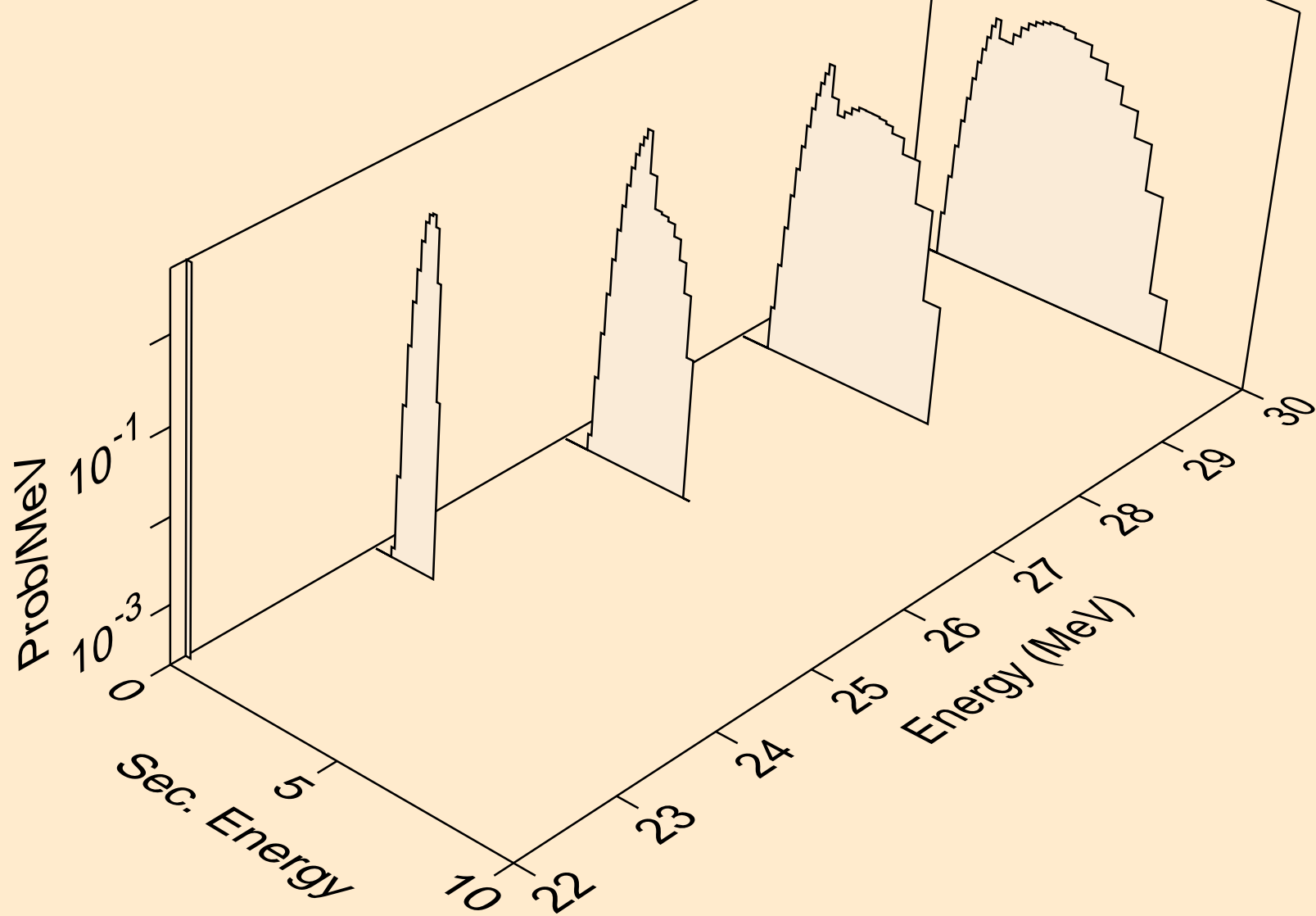




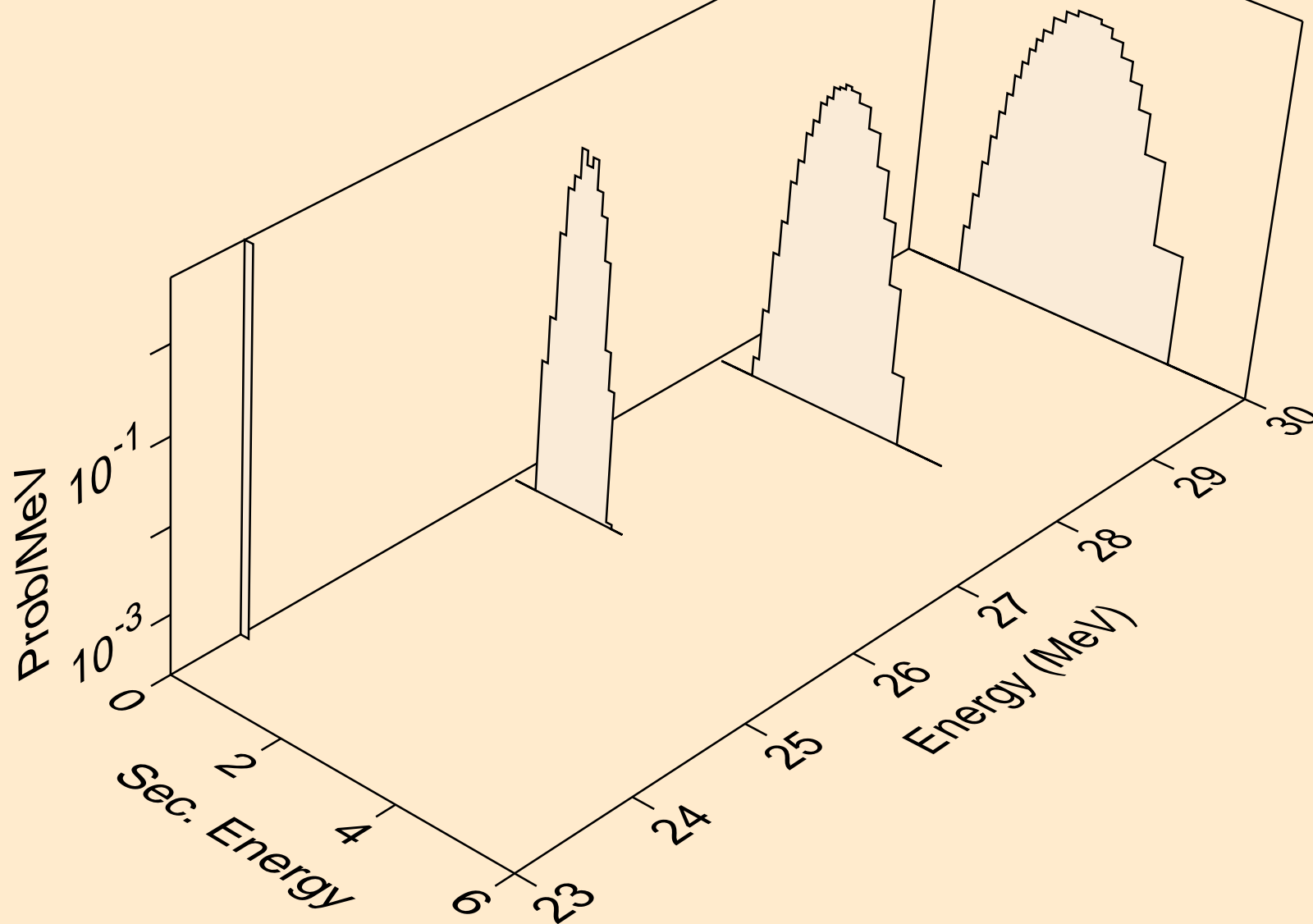
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protons from (a,n\*)p



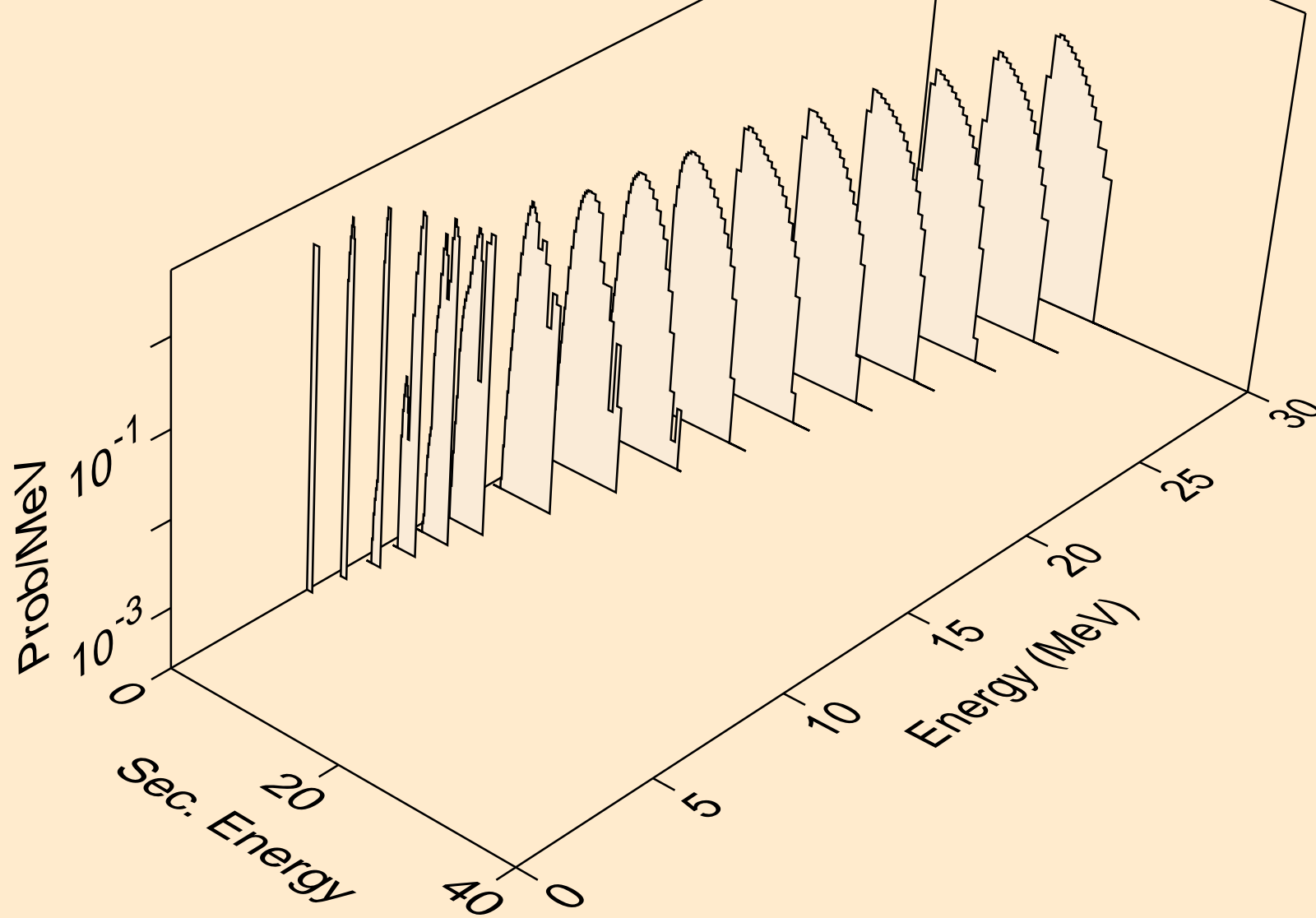
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protons from (a,2np)



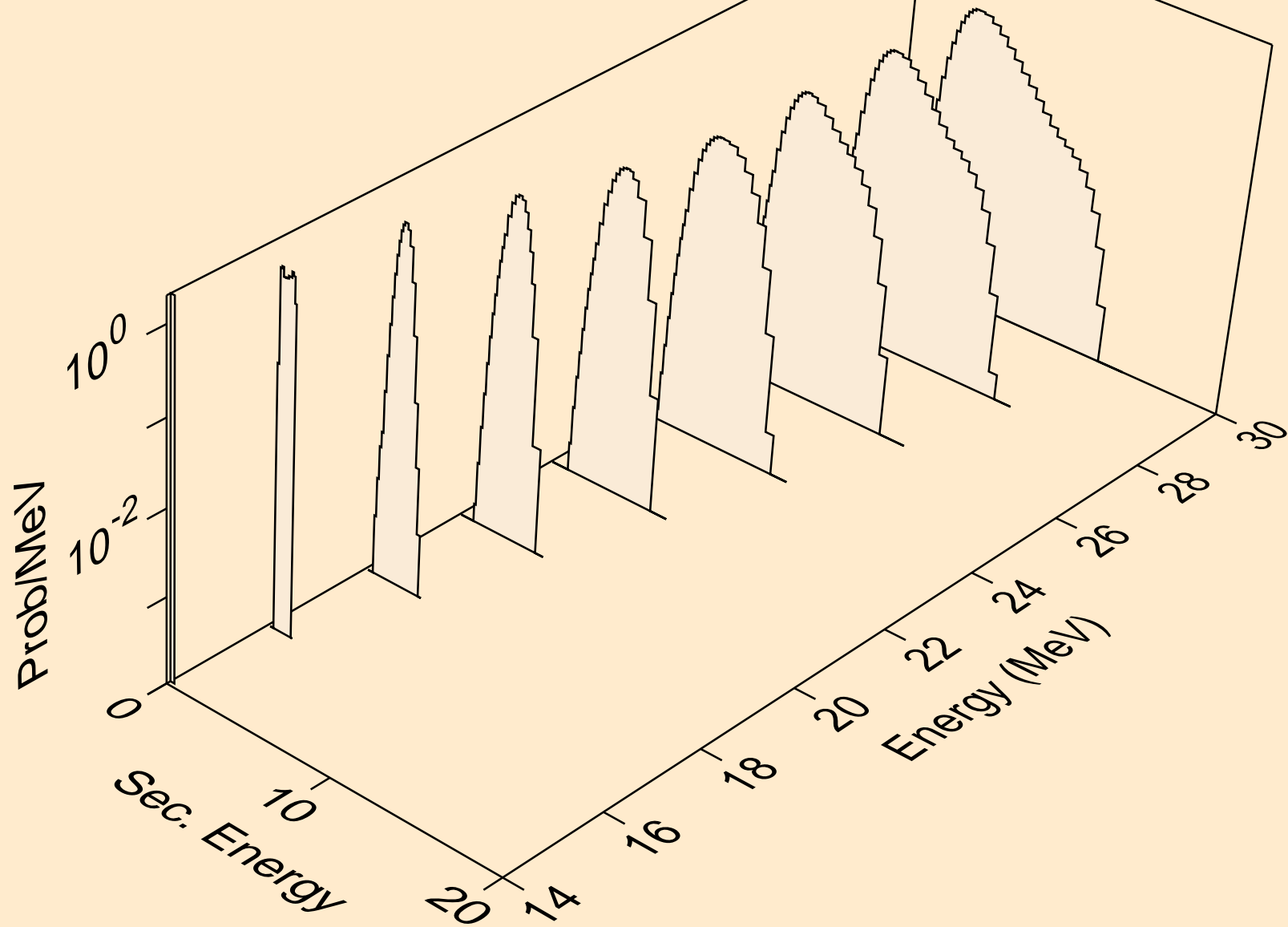
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protons from (a,2np)



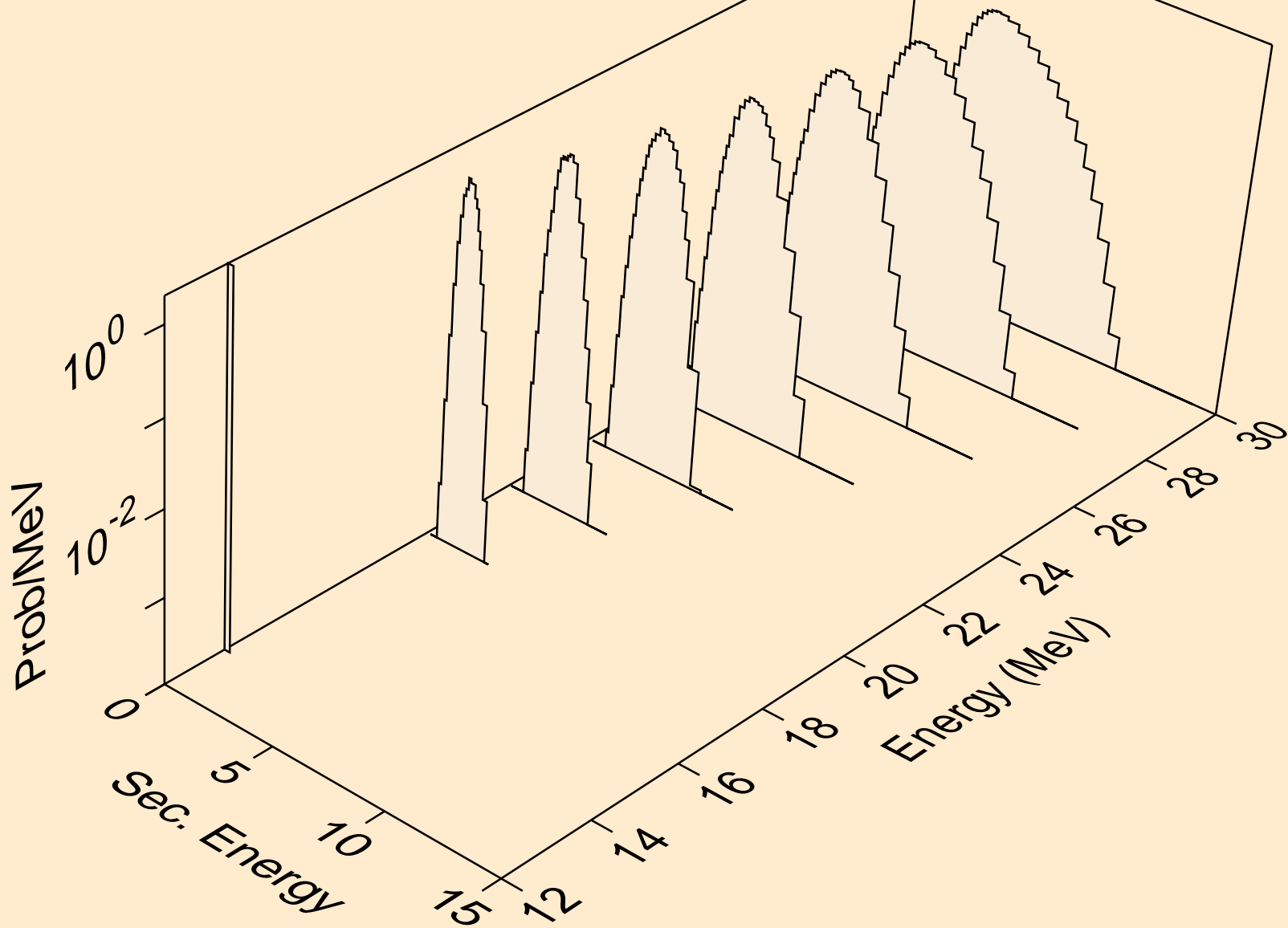
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protons from (a,p)



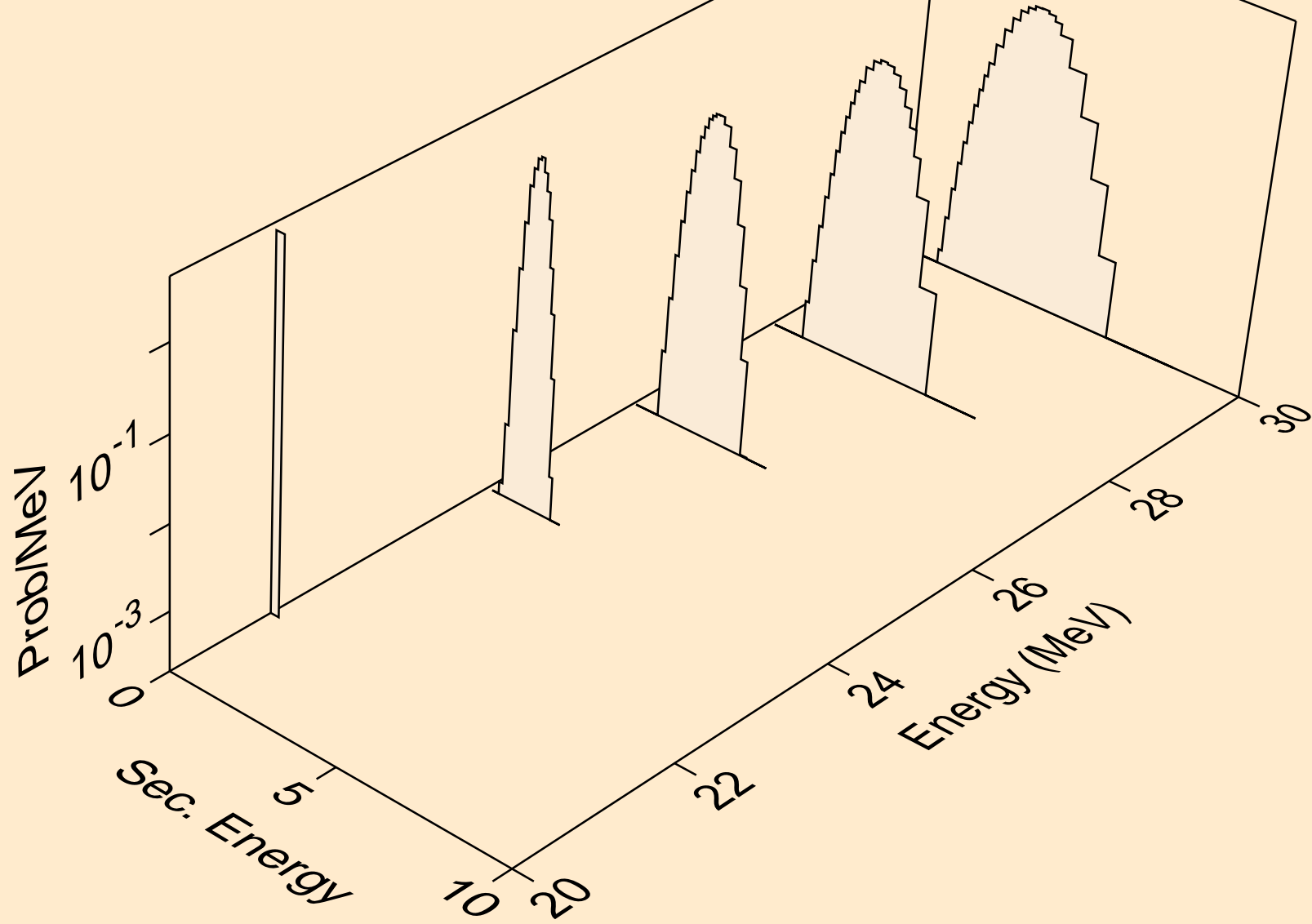
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protons from (a,2p)



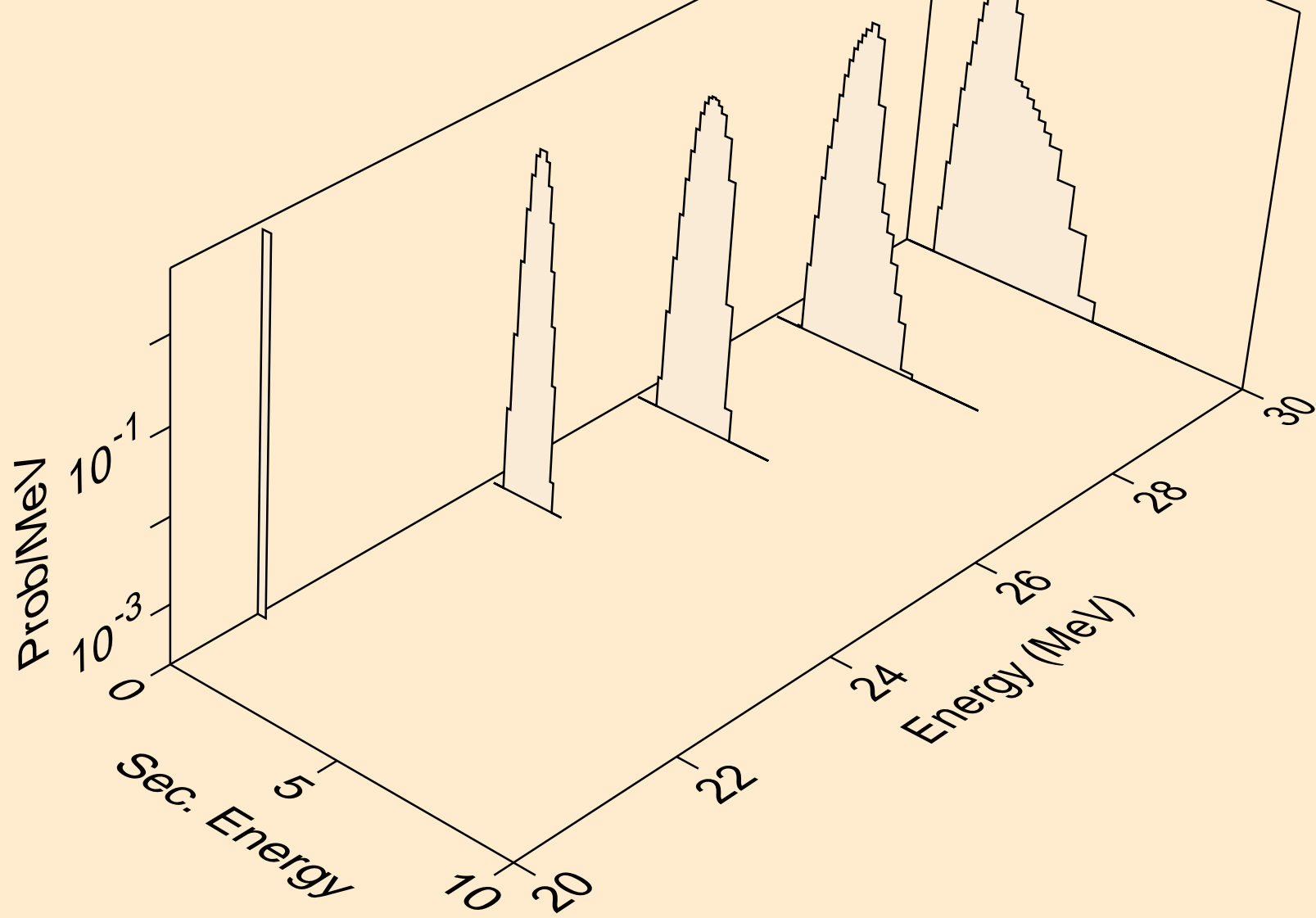
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



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protons from (a,pd)

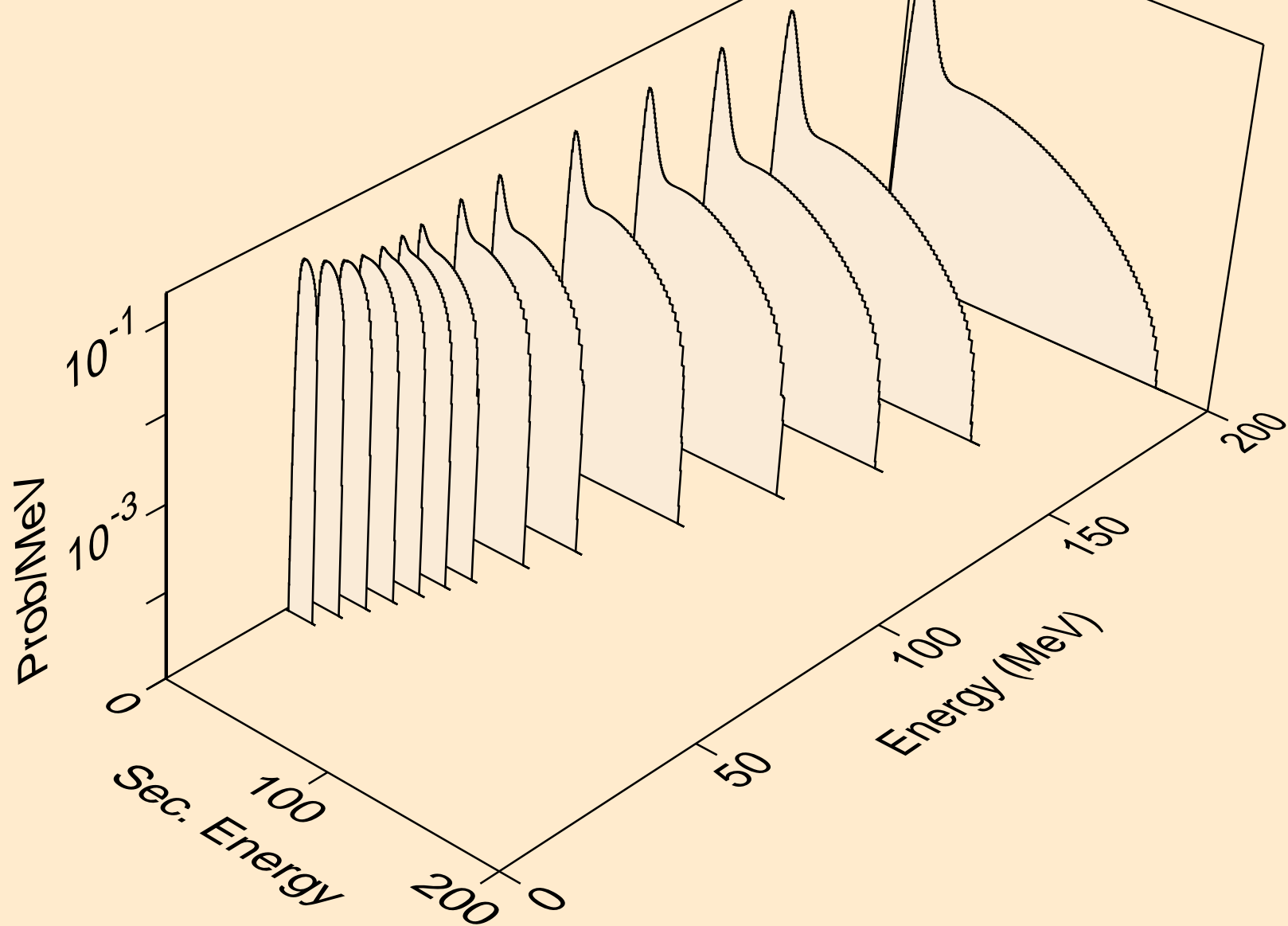


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protons from (a,pt)

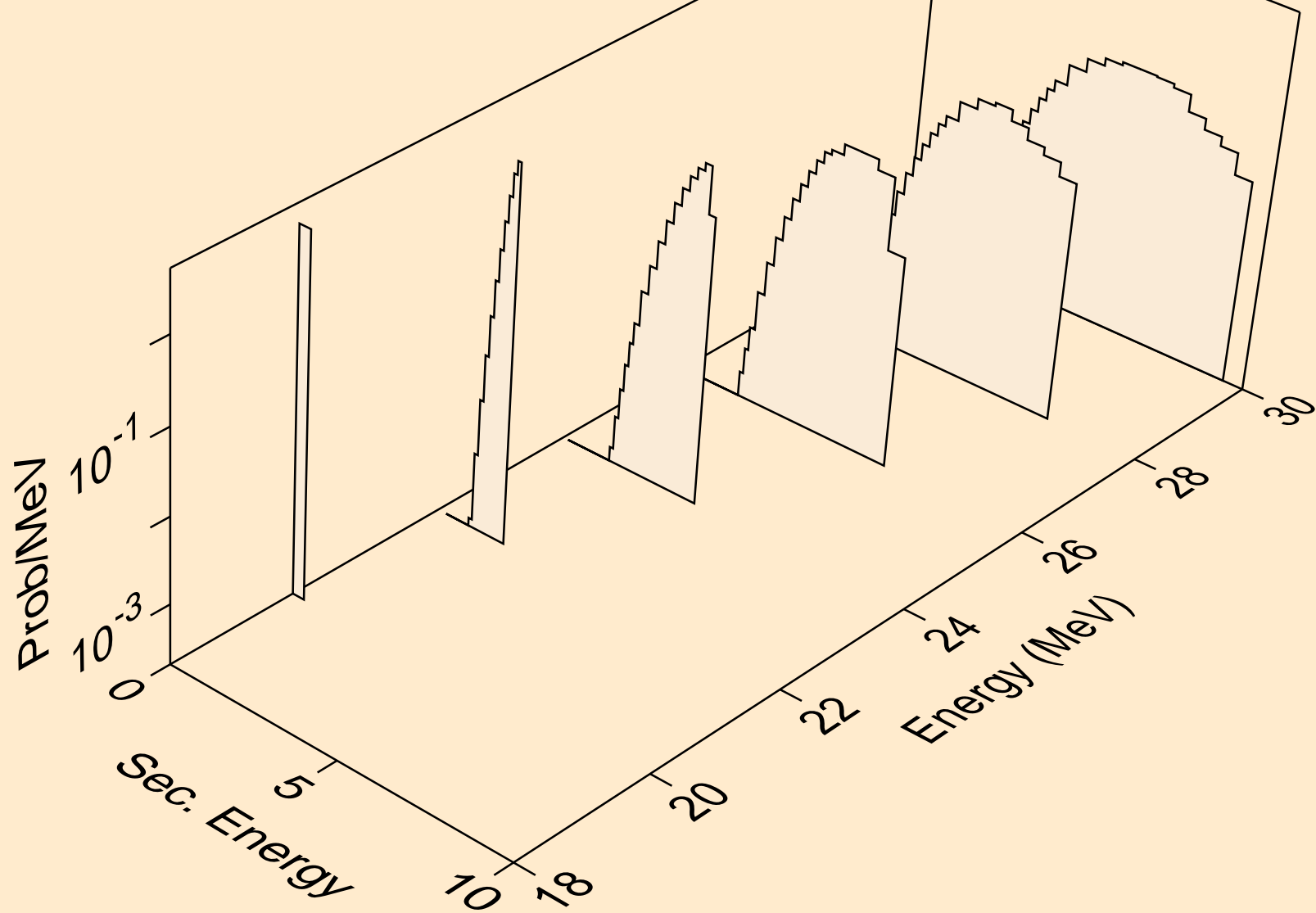




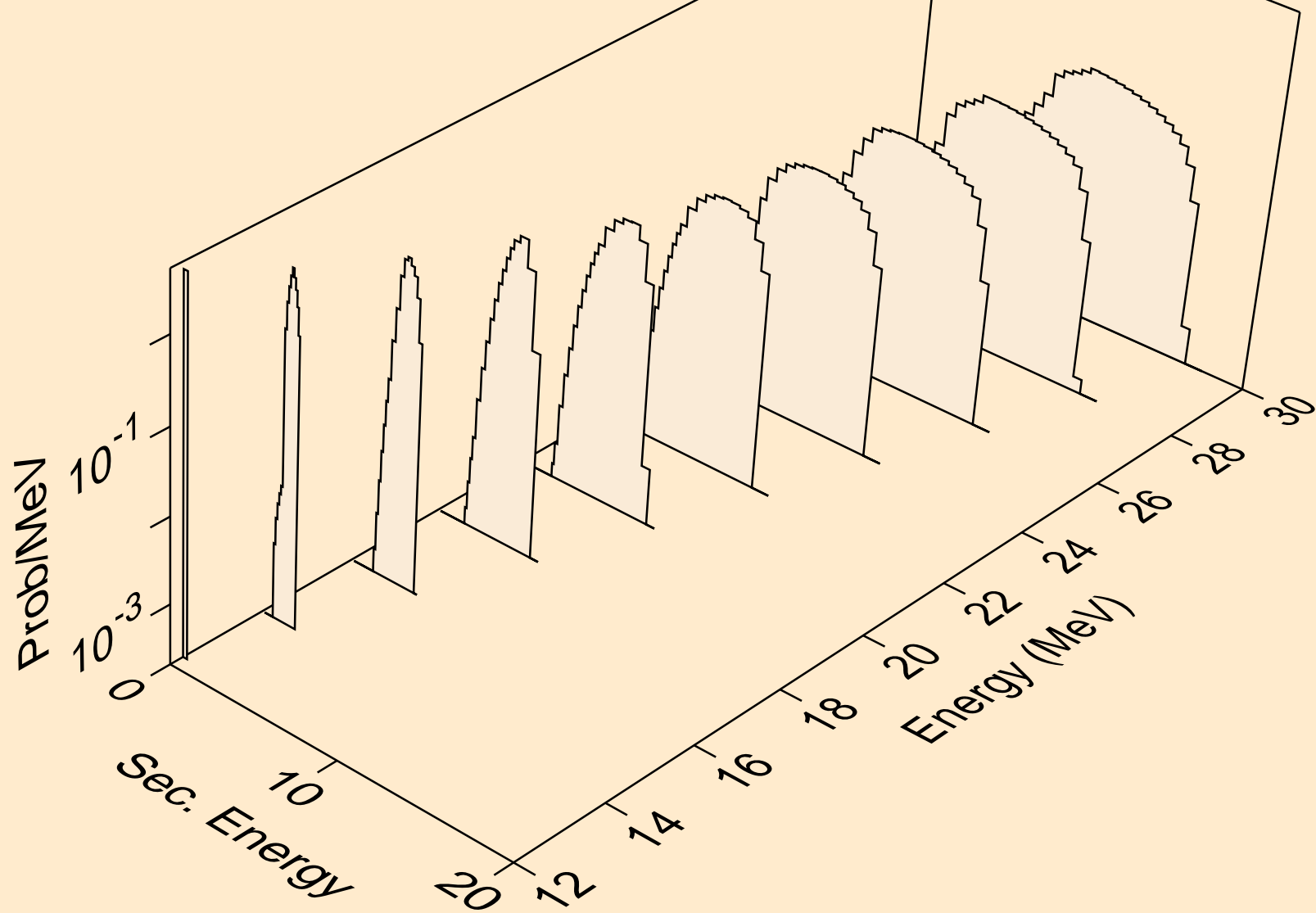
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



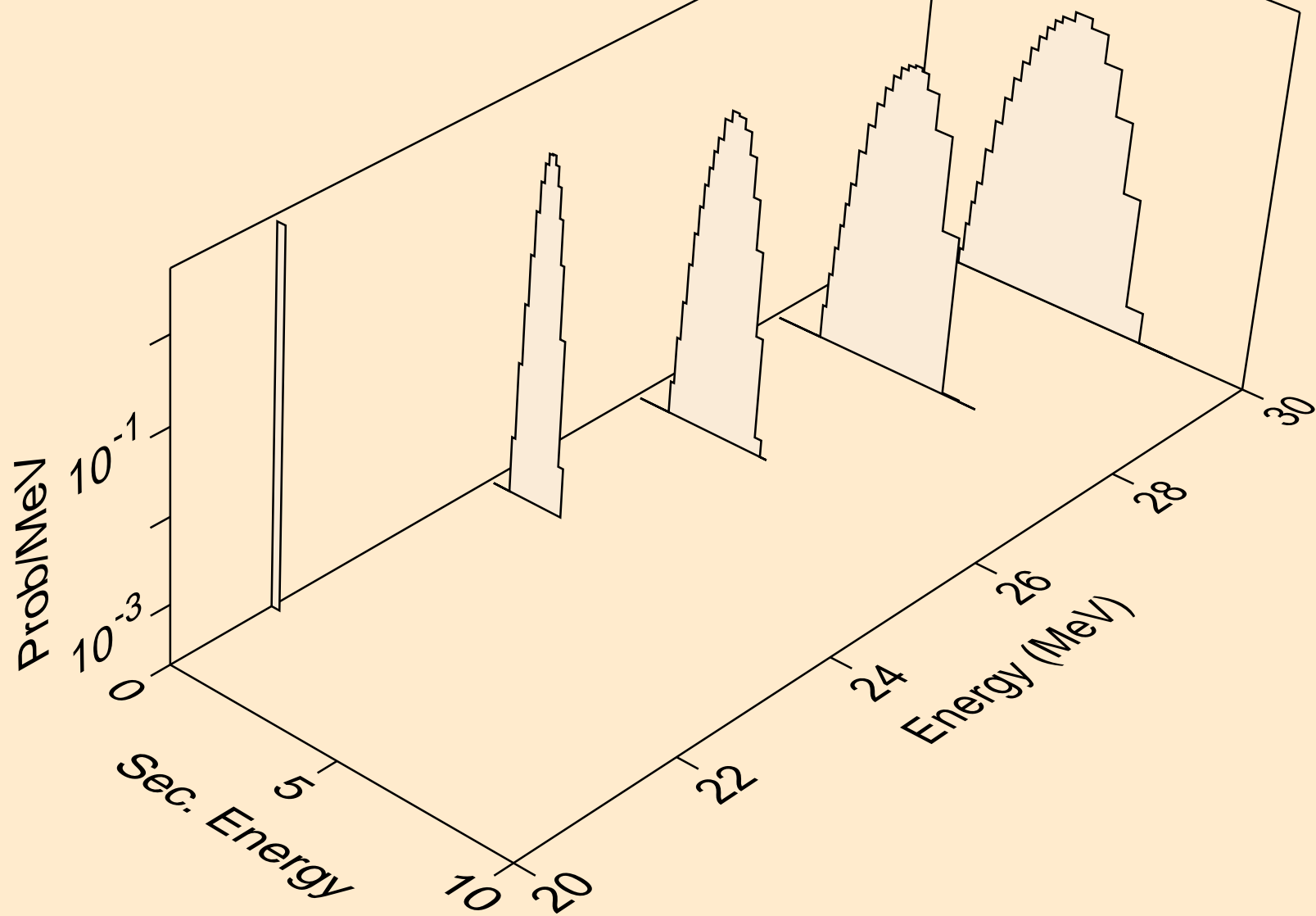
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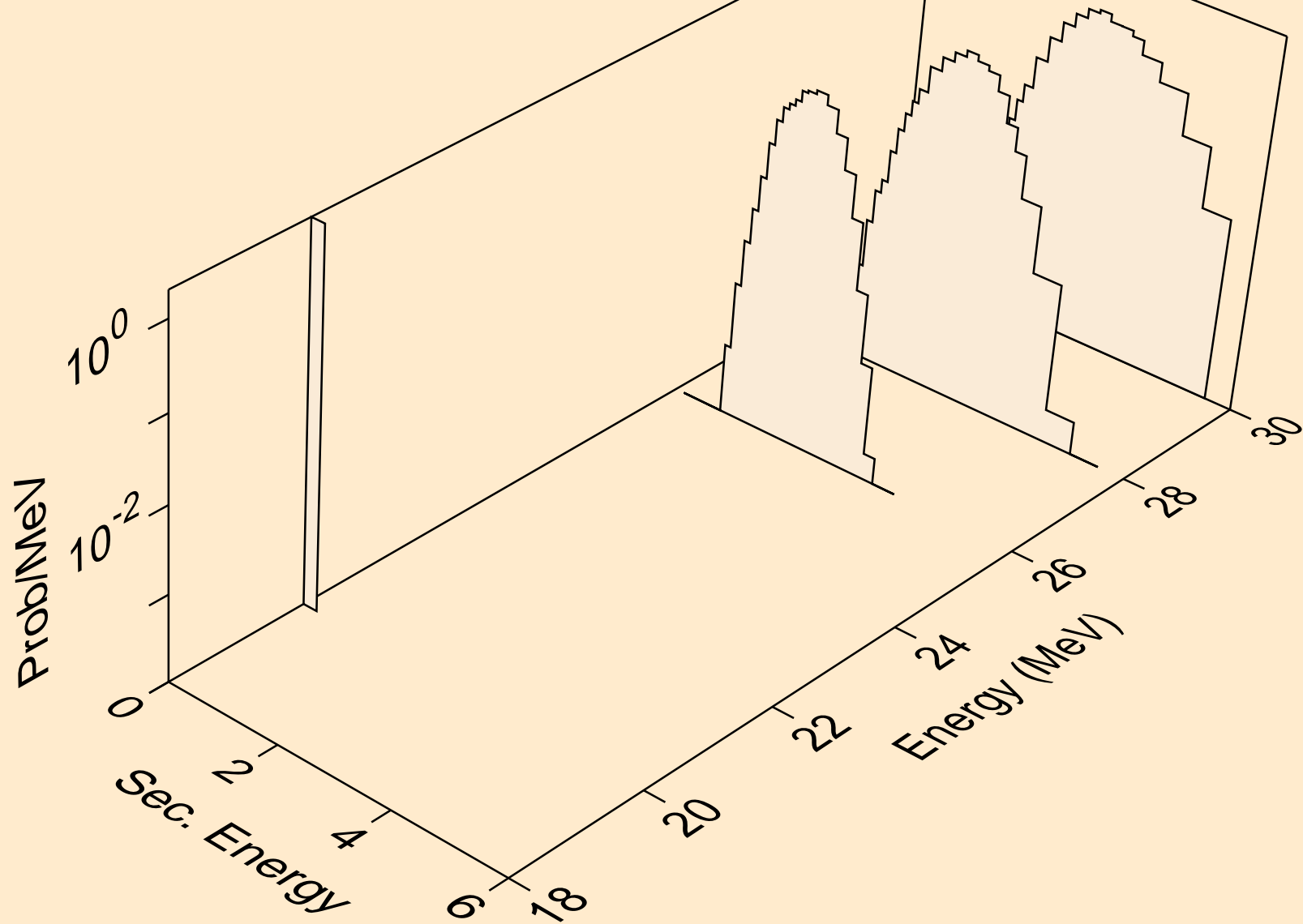
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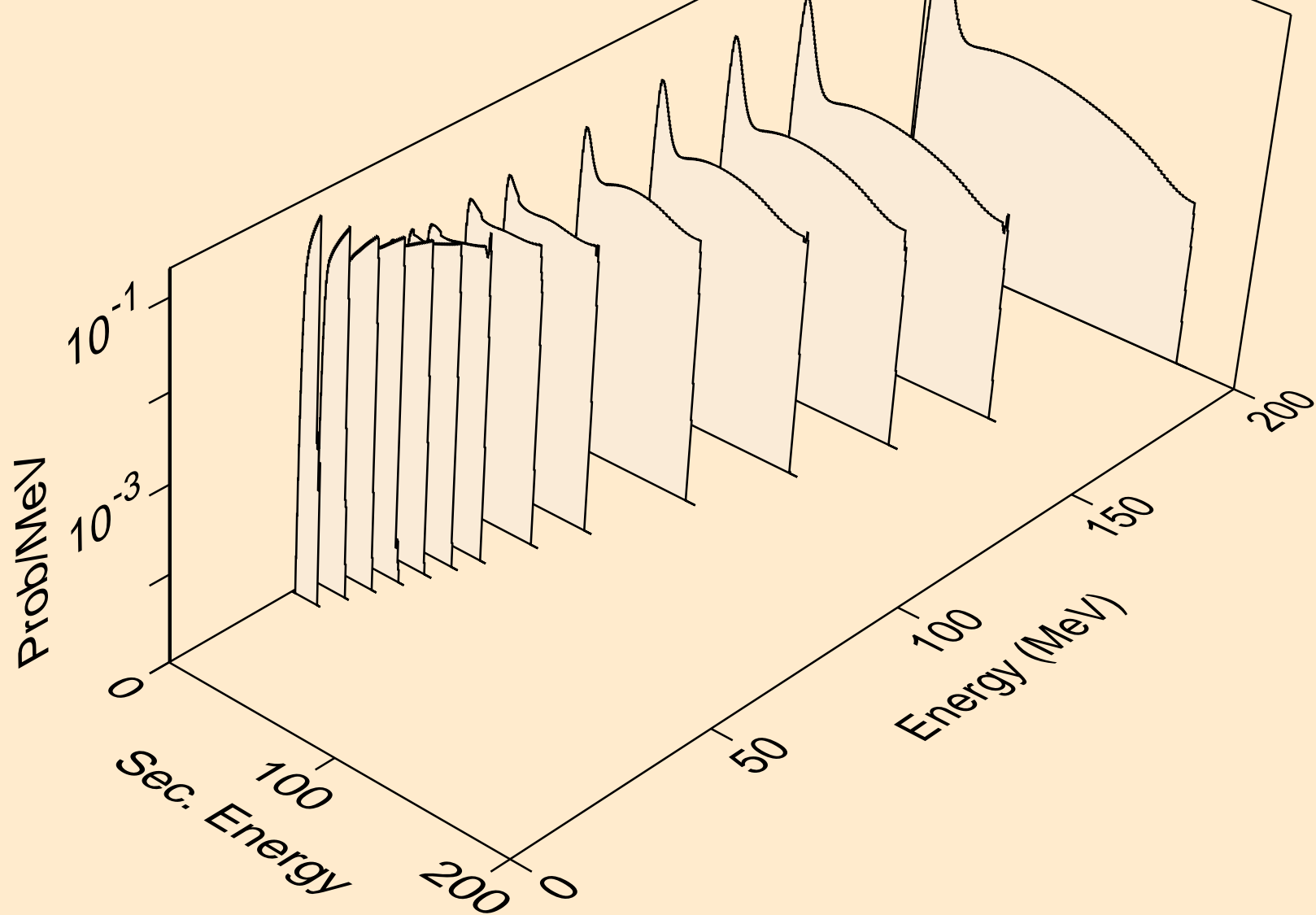
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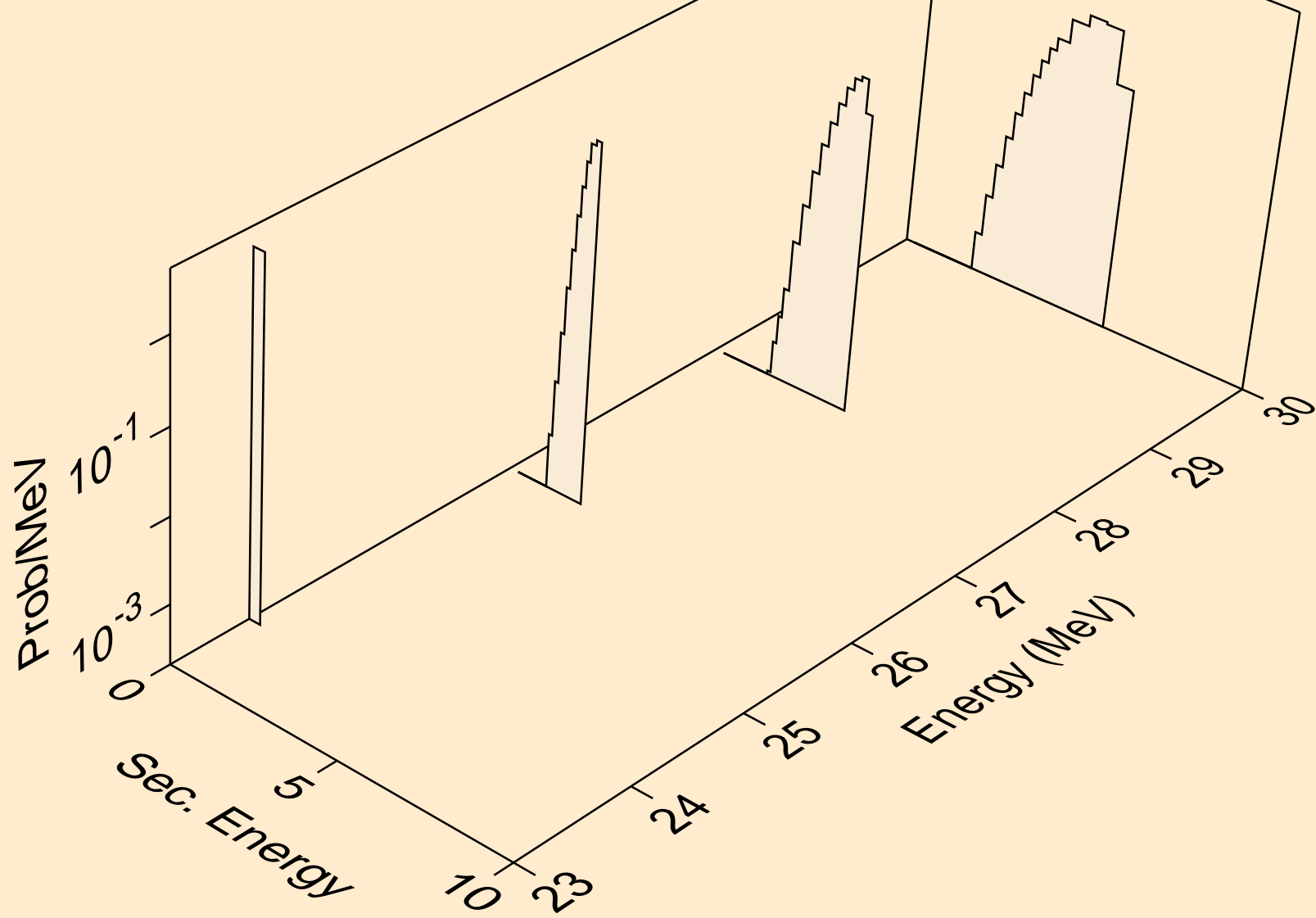
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



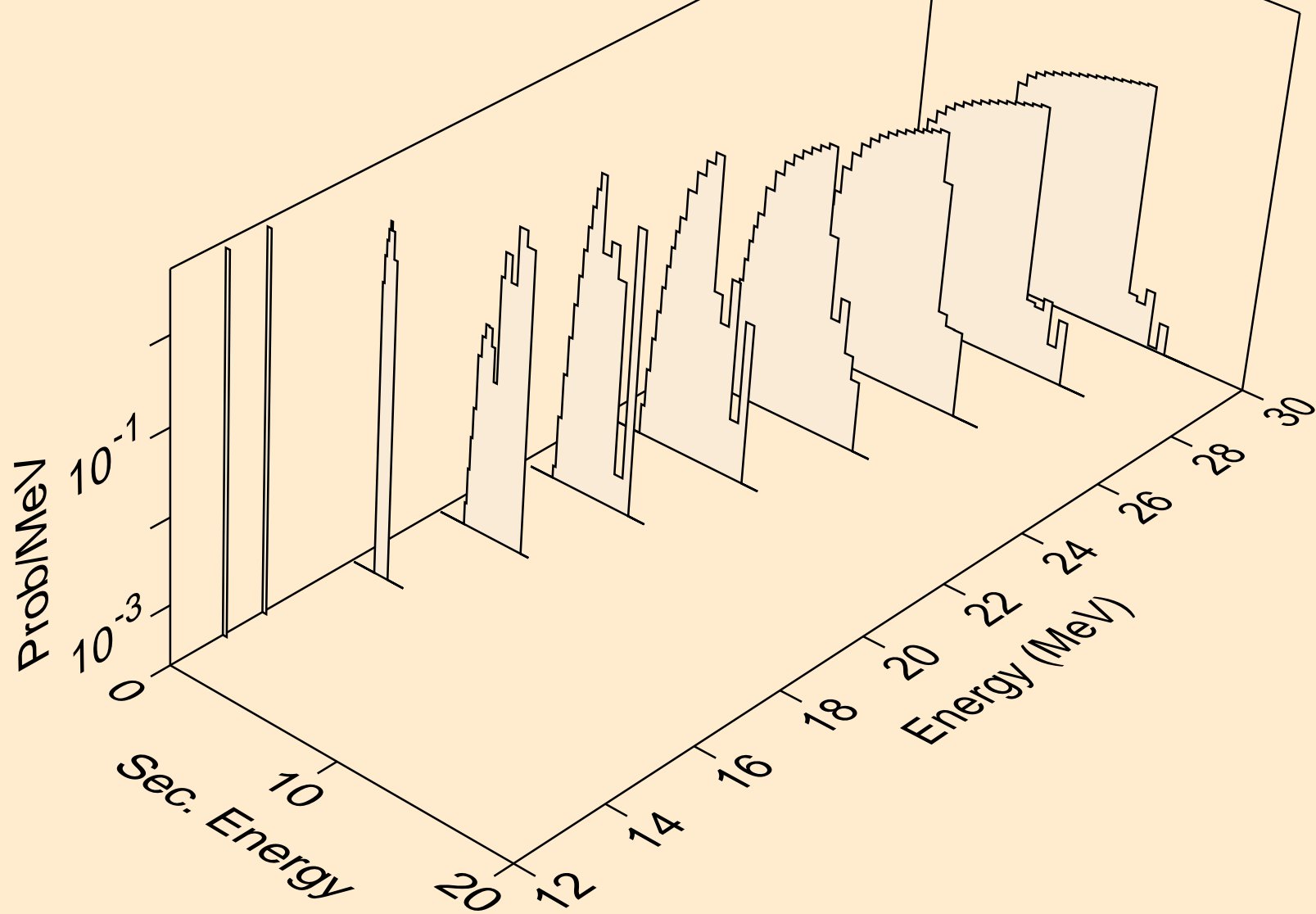
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t

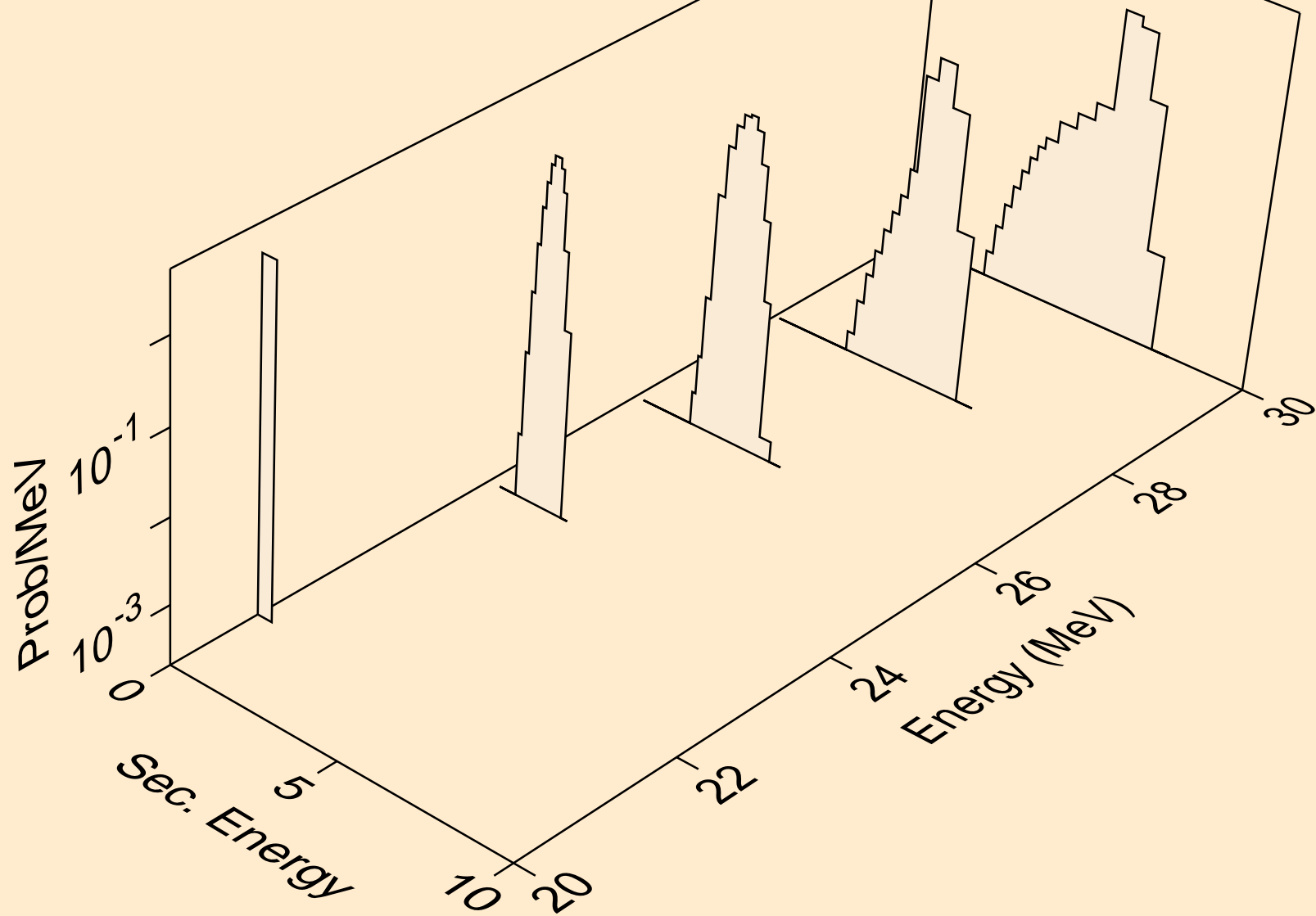


NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

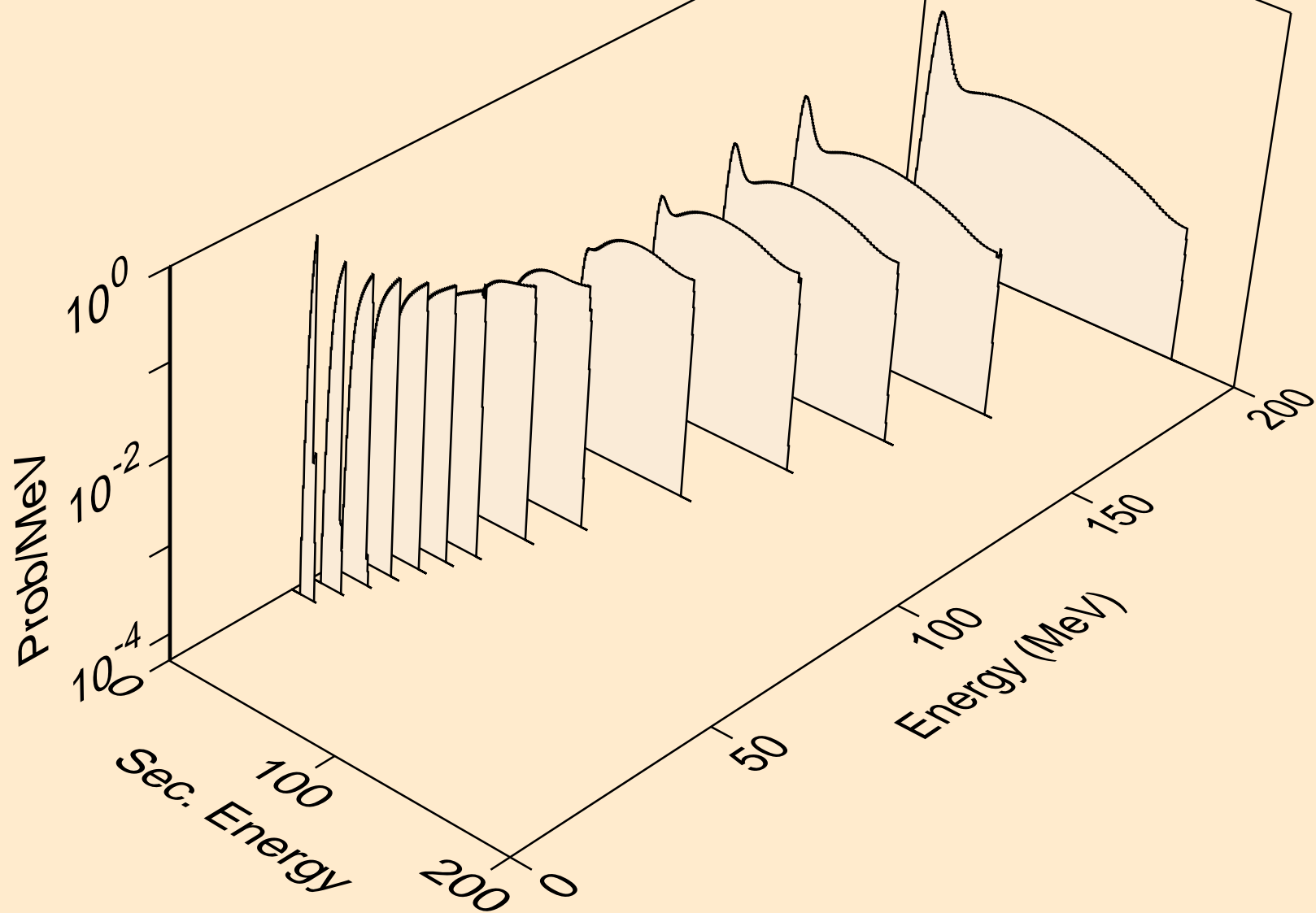




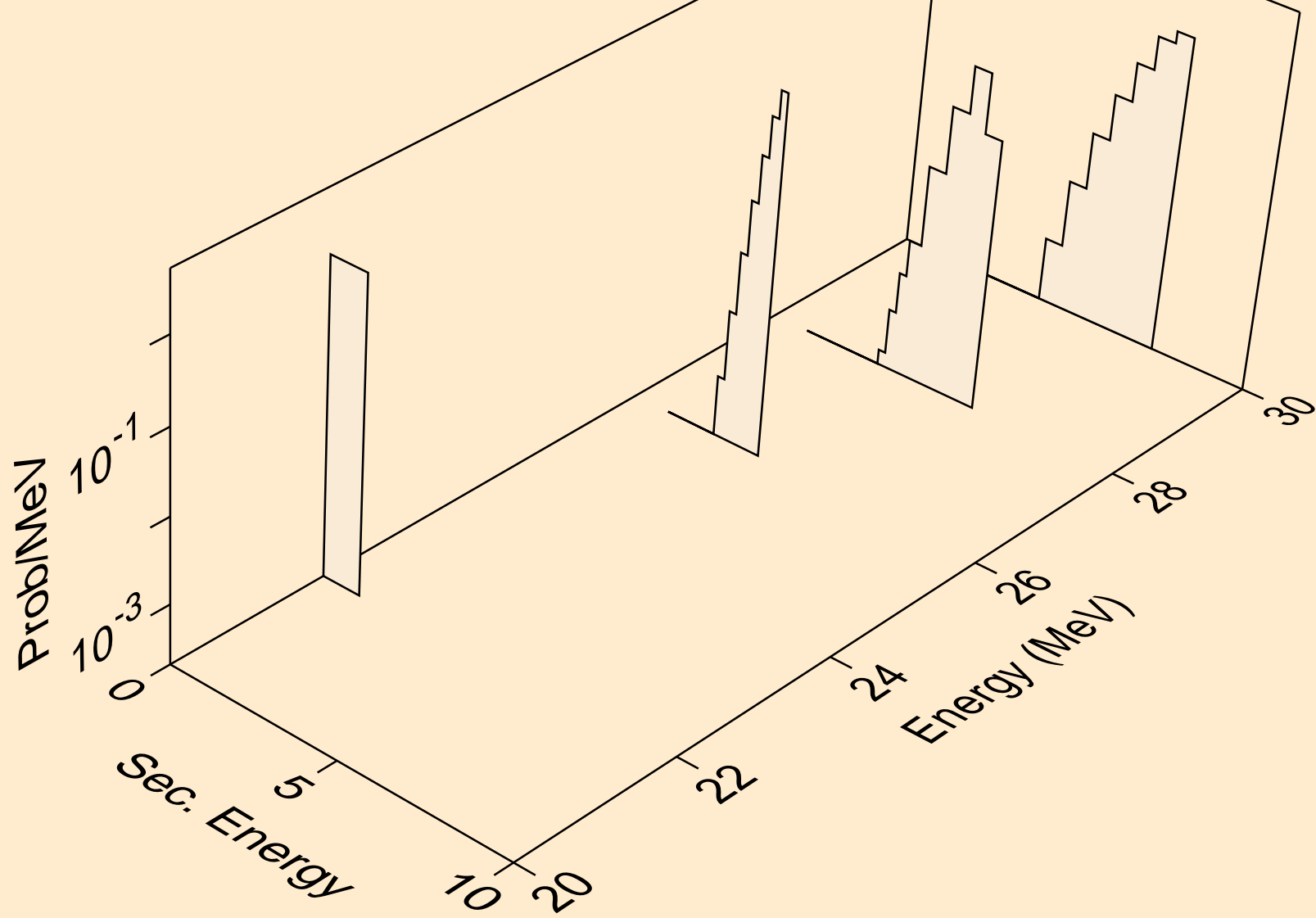
NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



NI064 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

