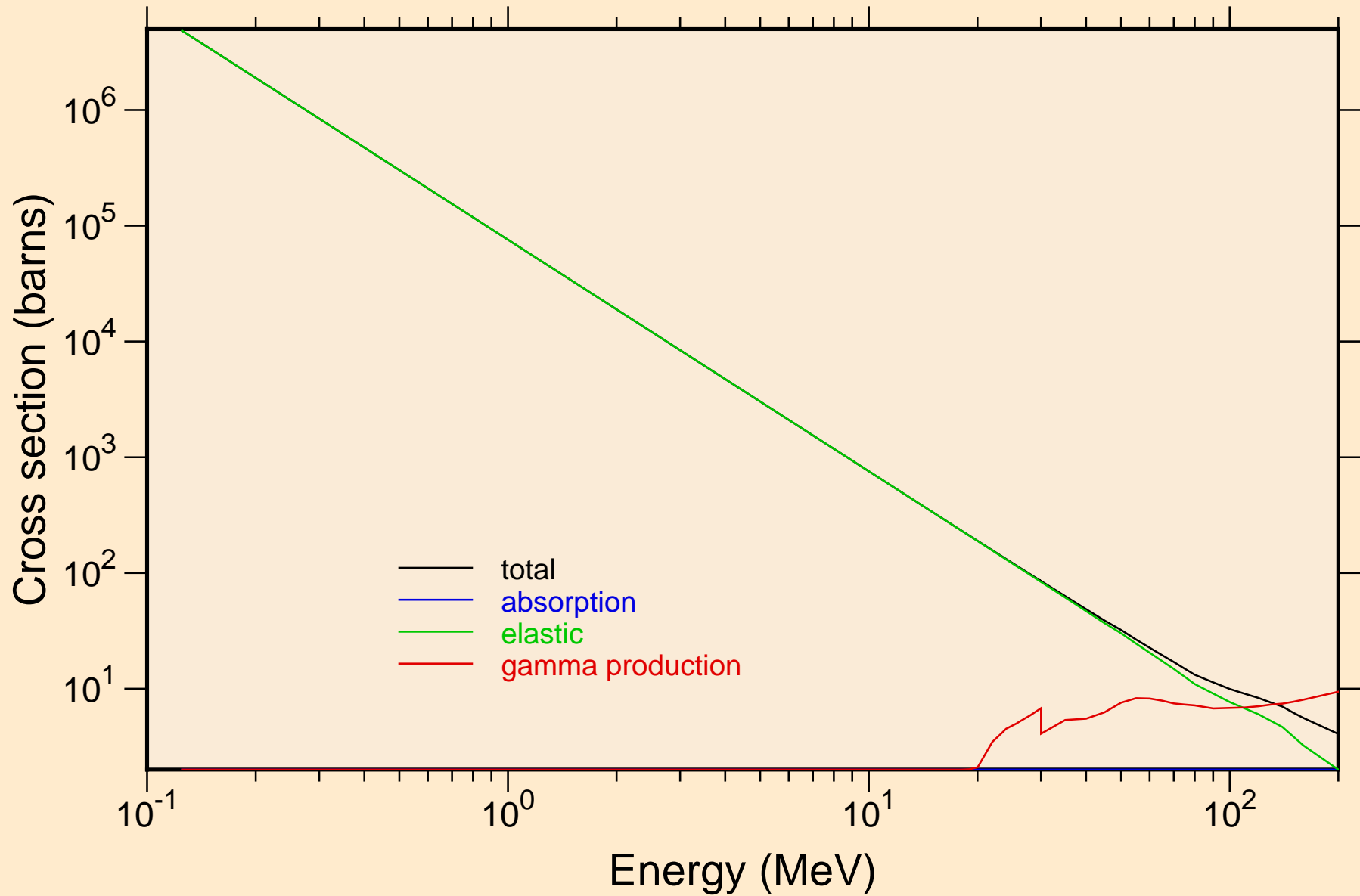
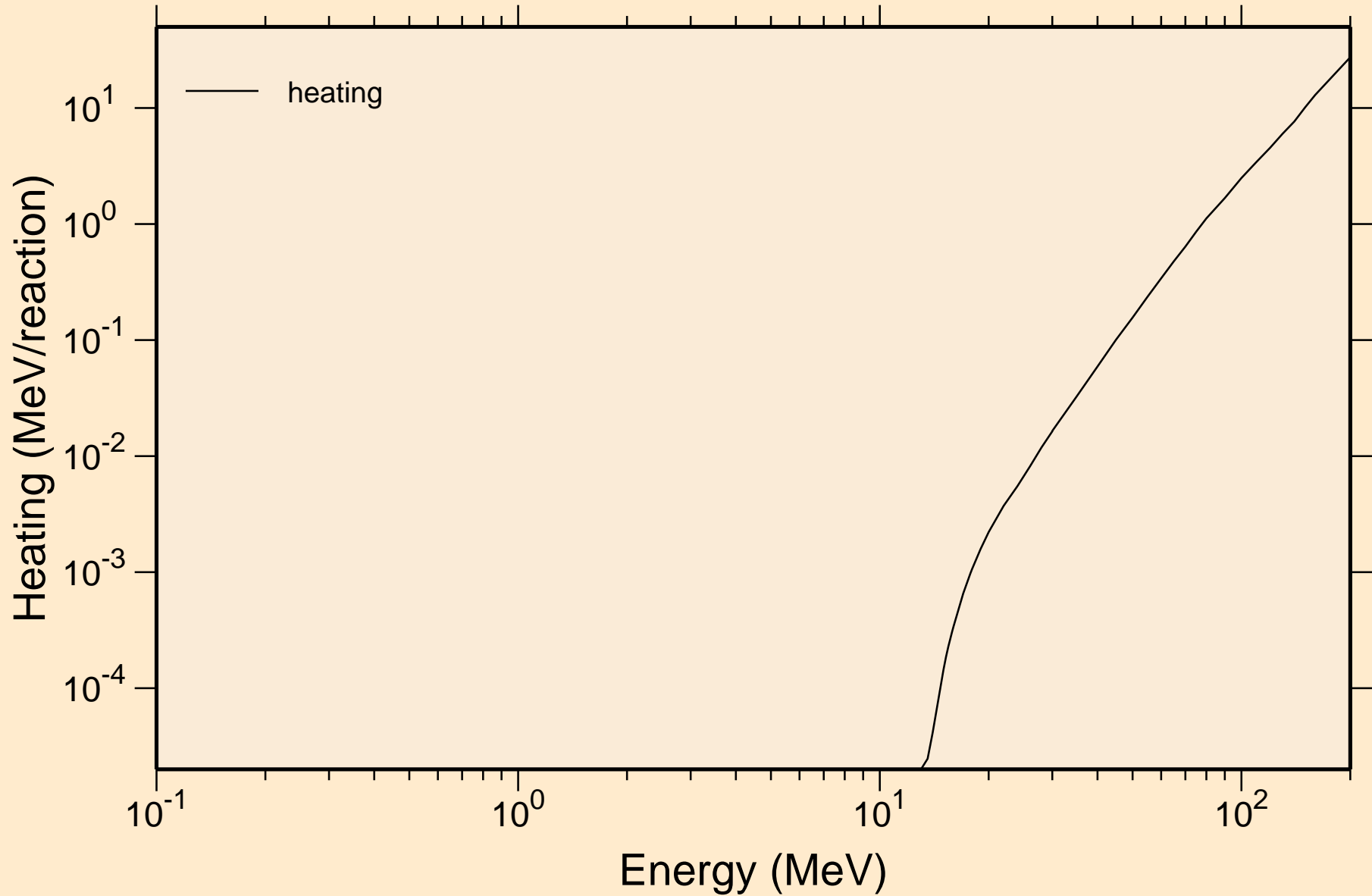


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



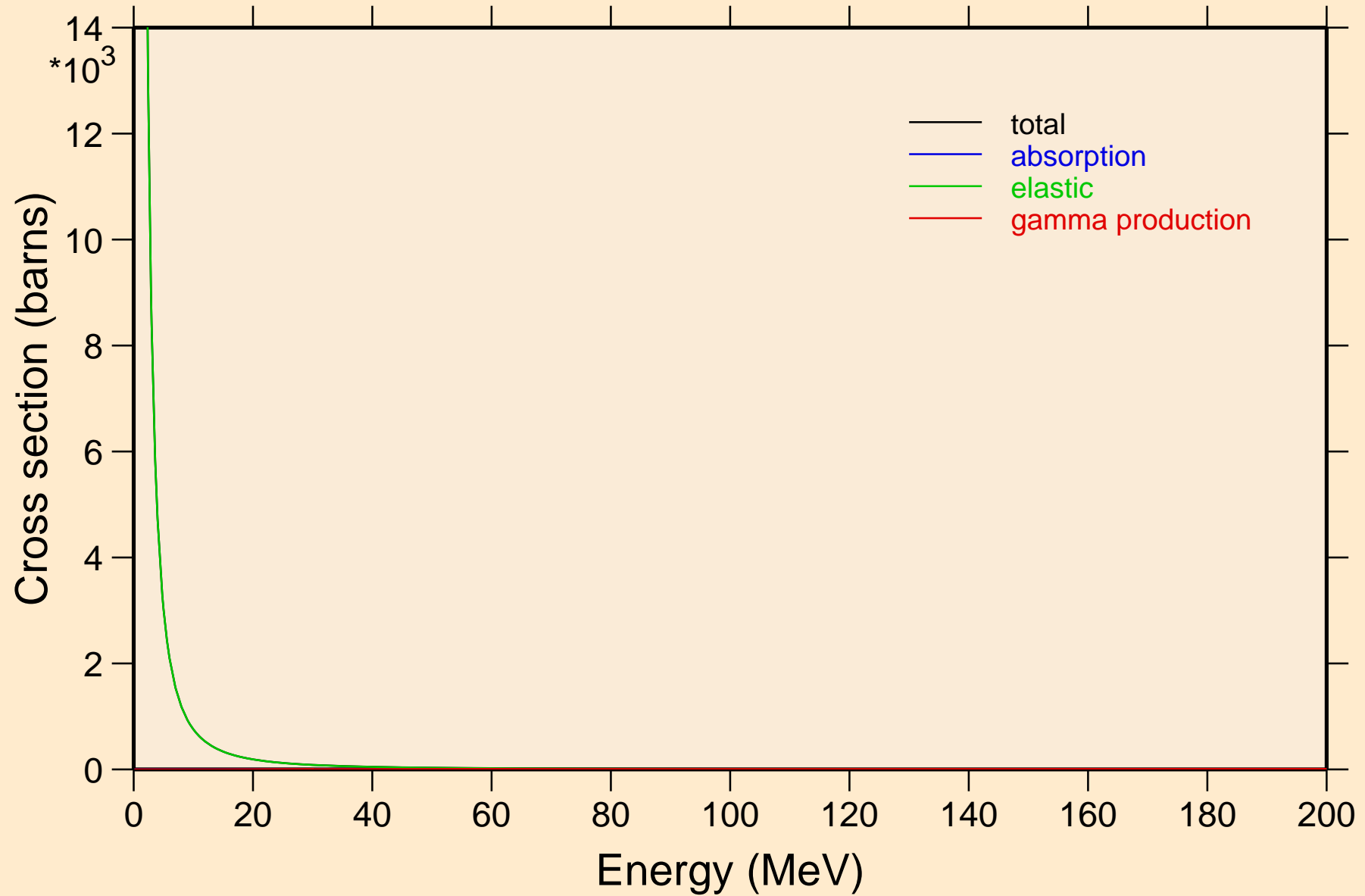
# XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



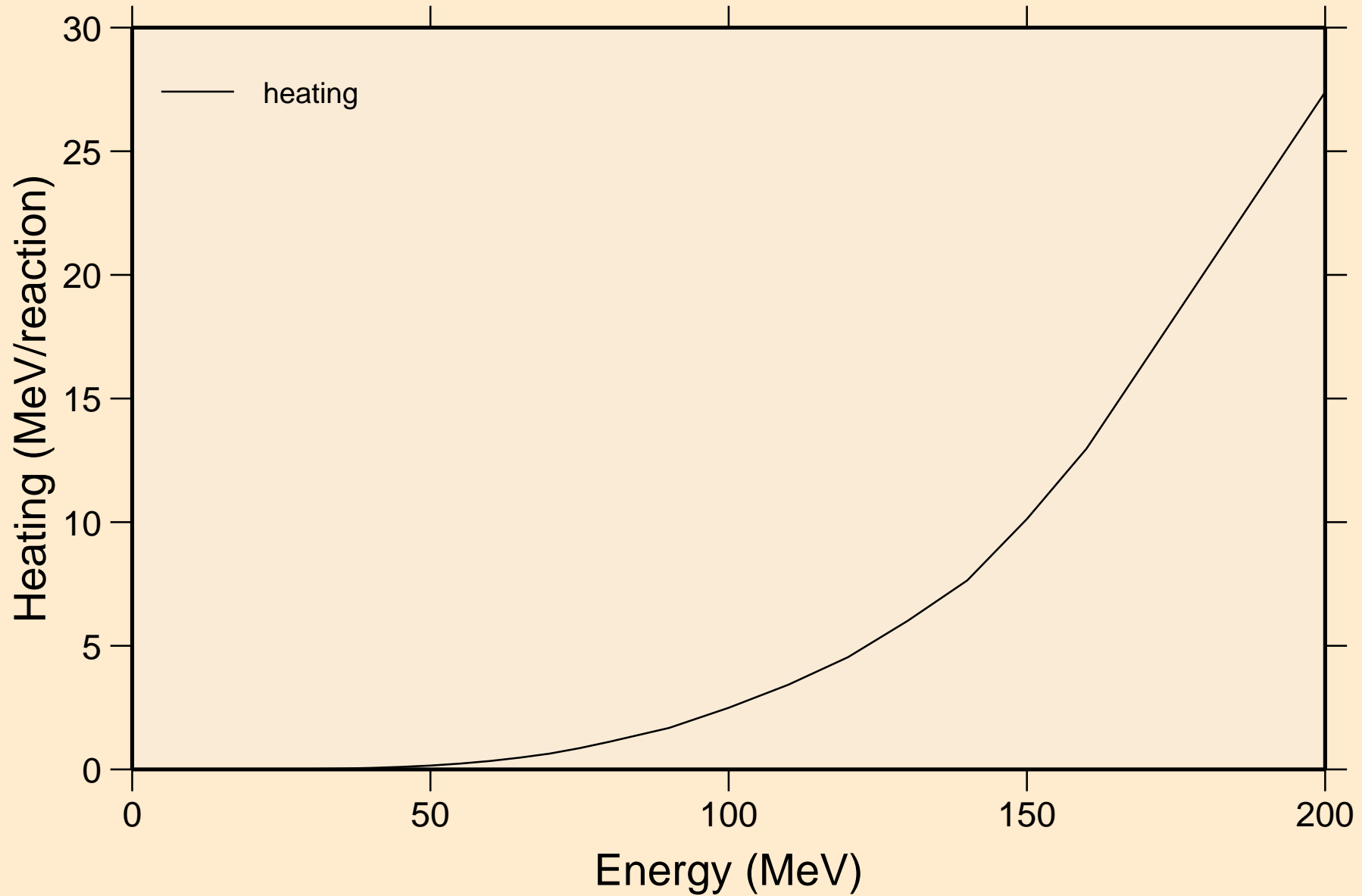
# XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

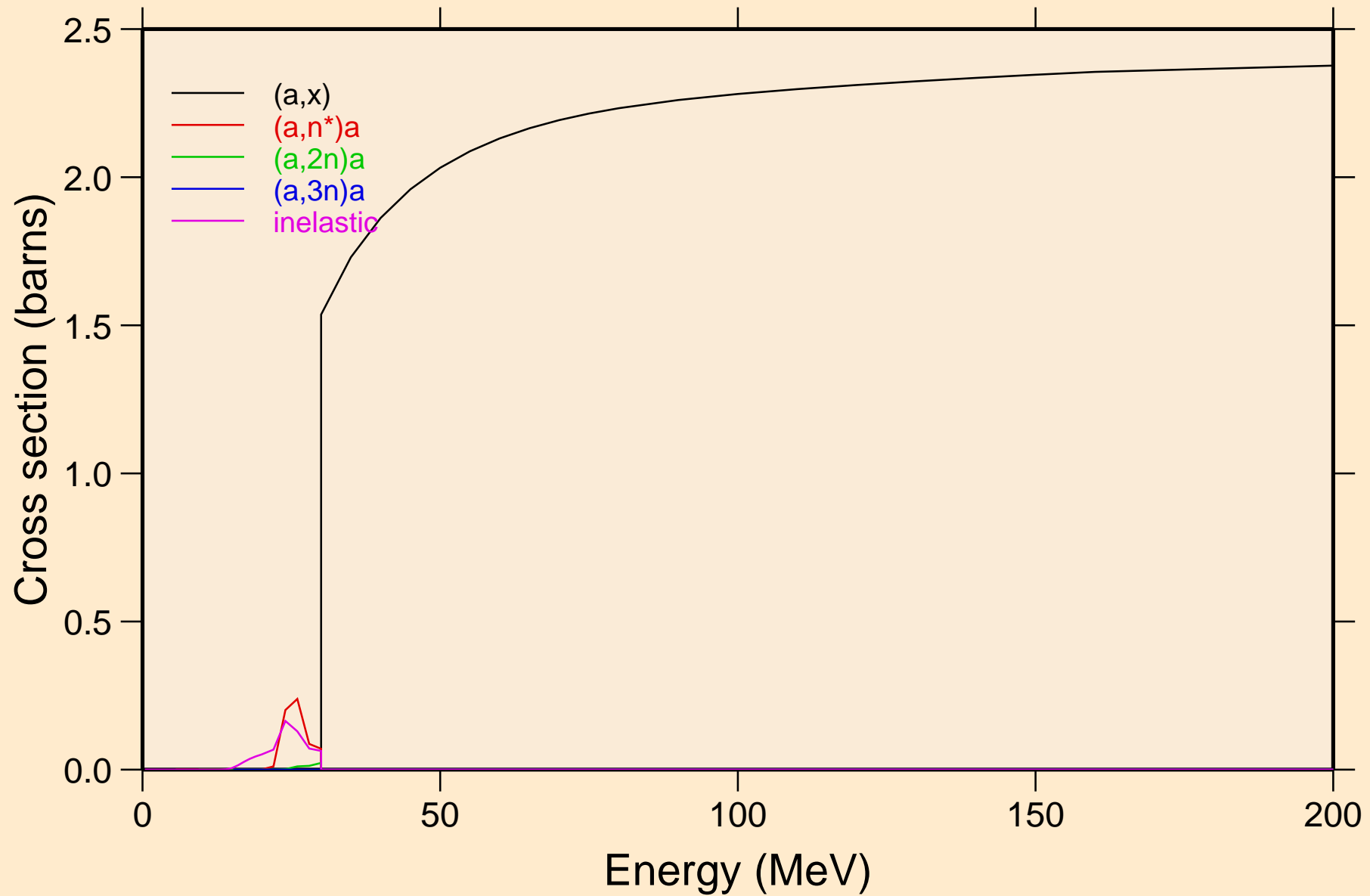


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

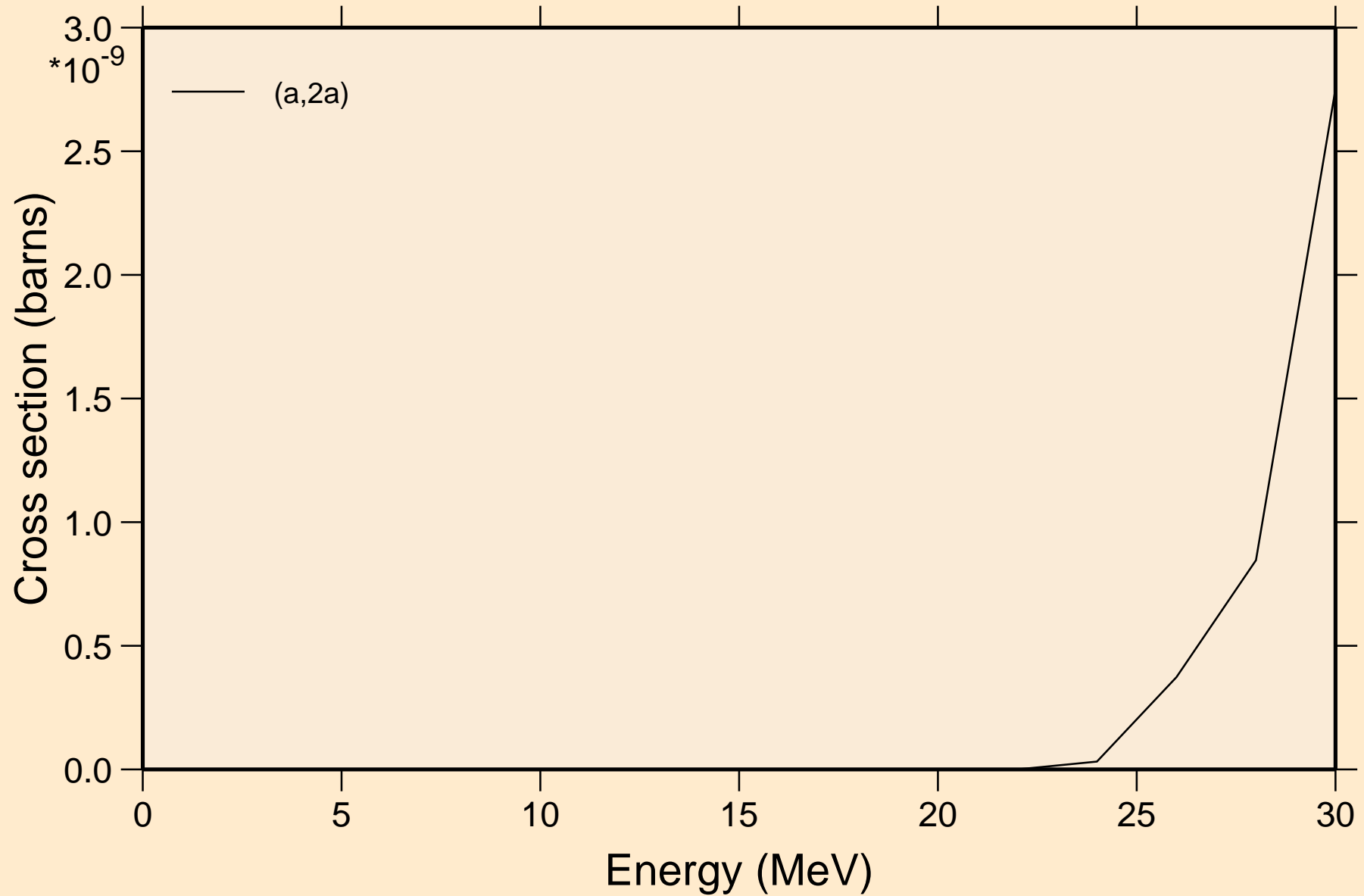
Heating



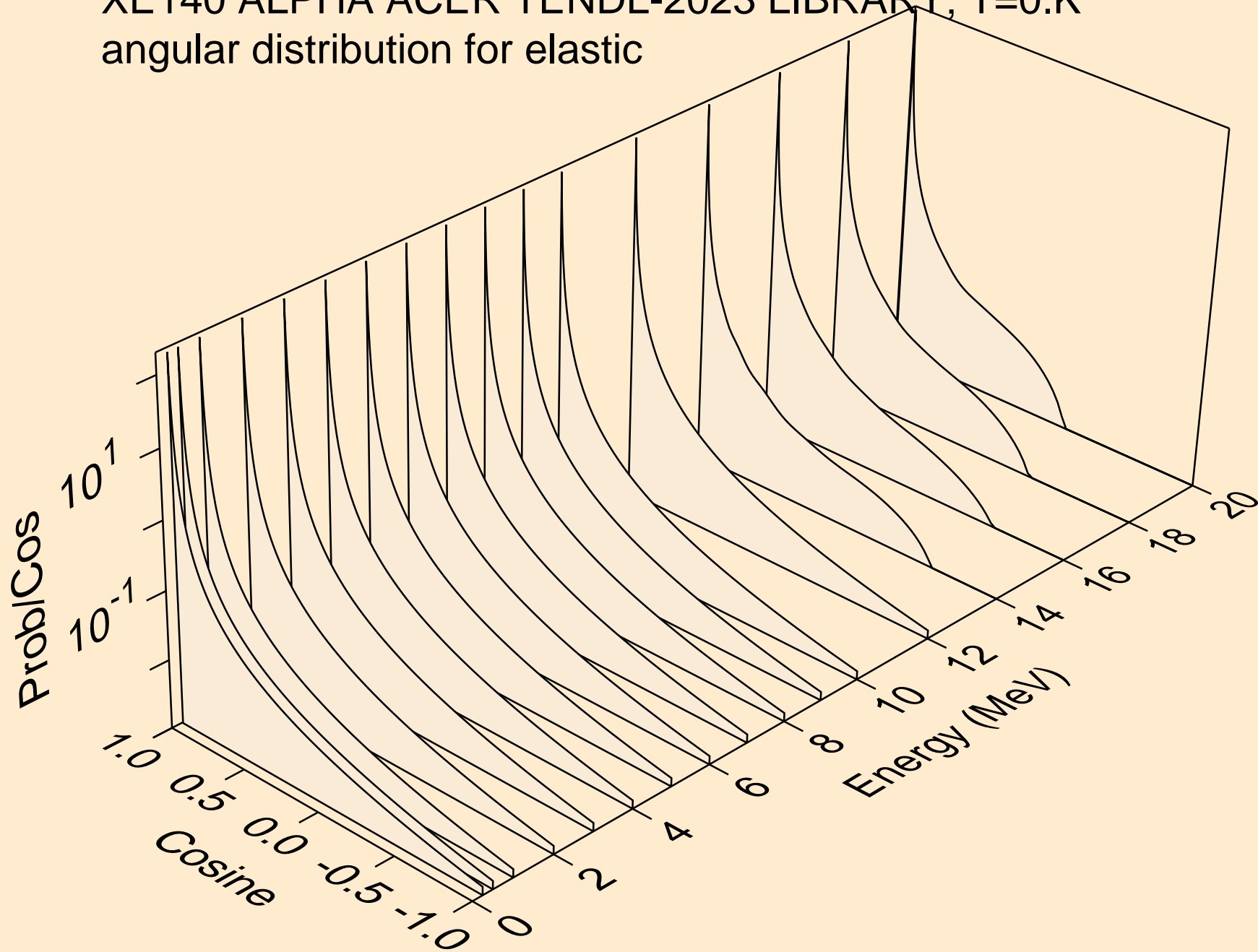
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



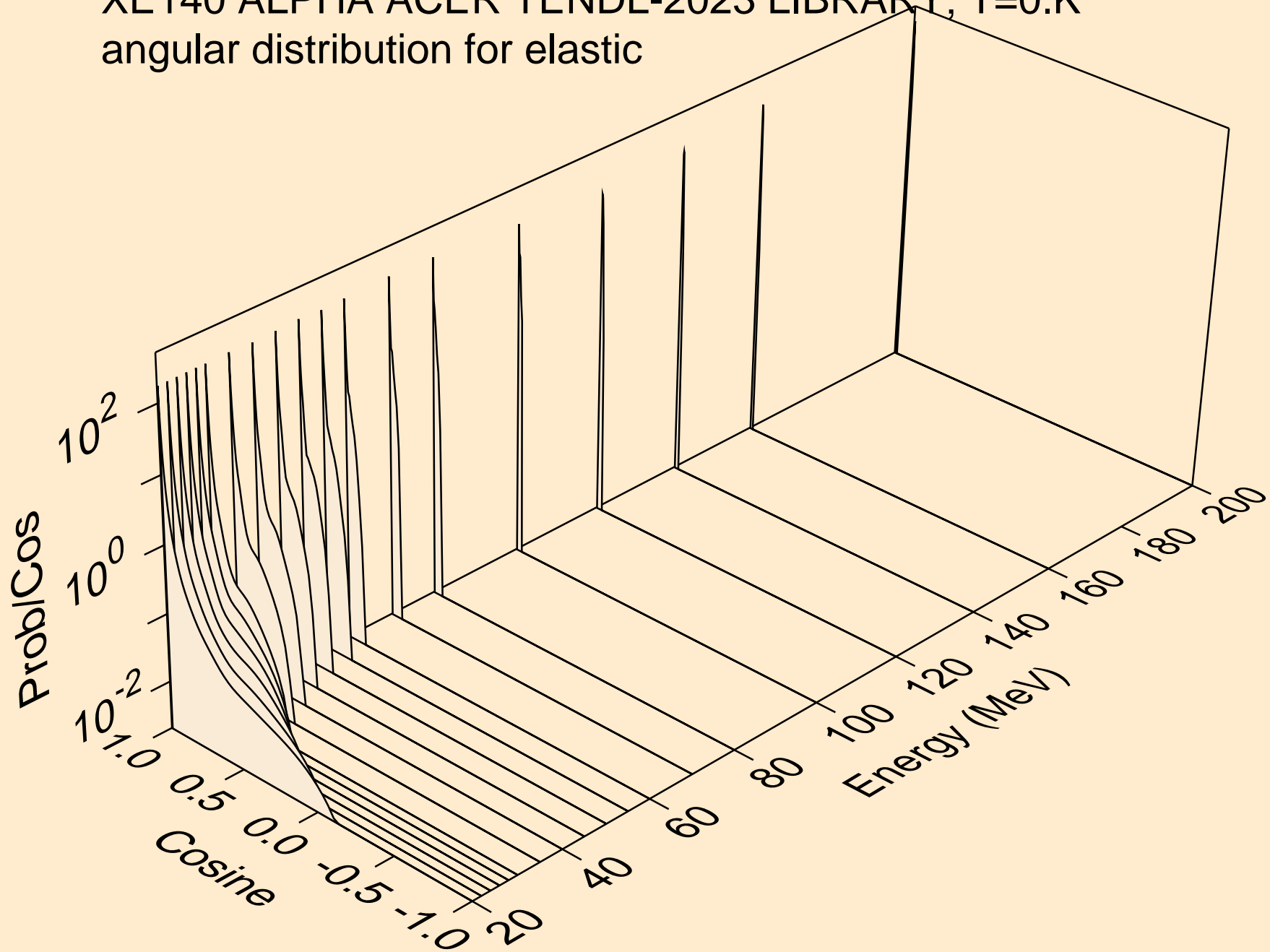
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

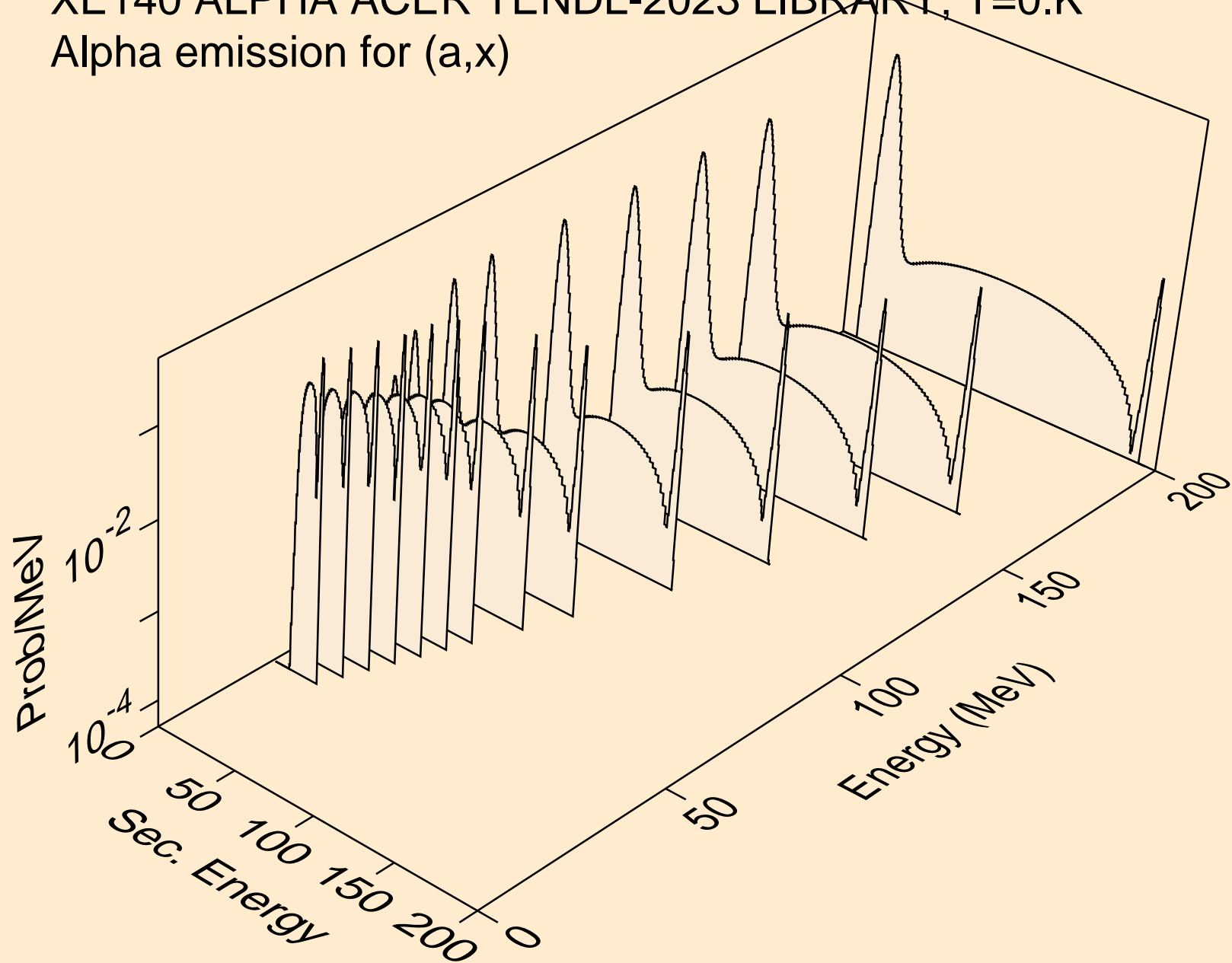


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

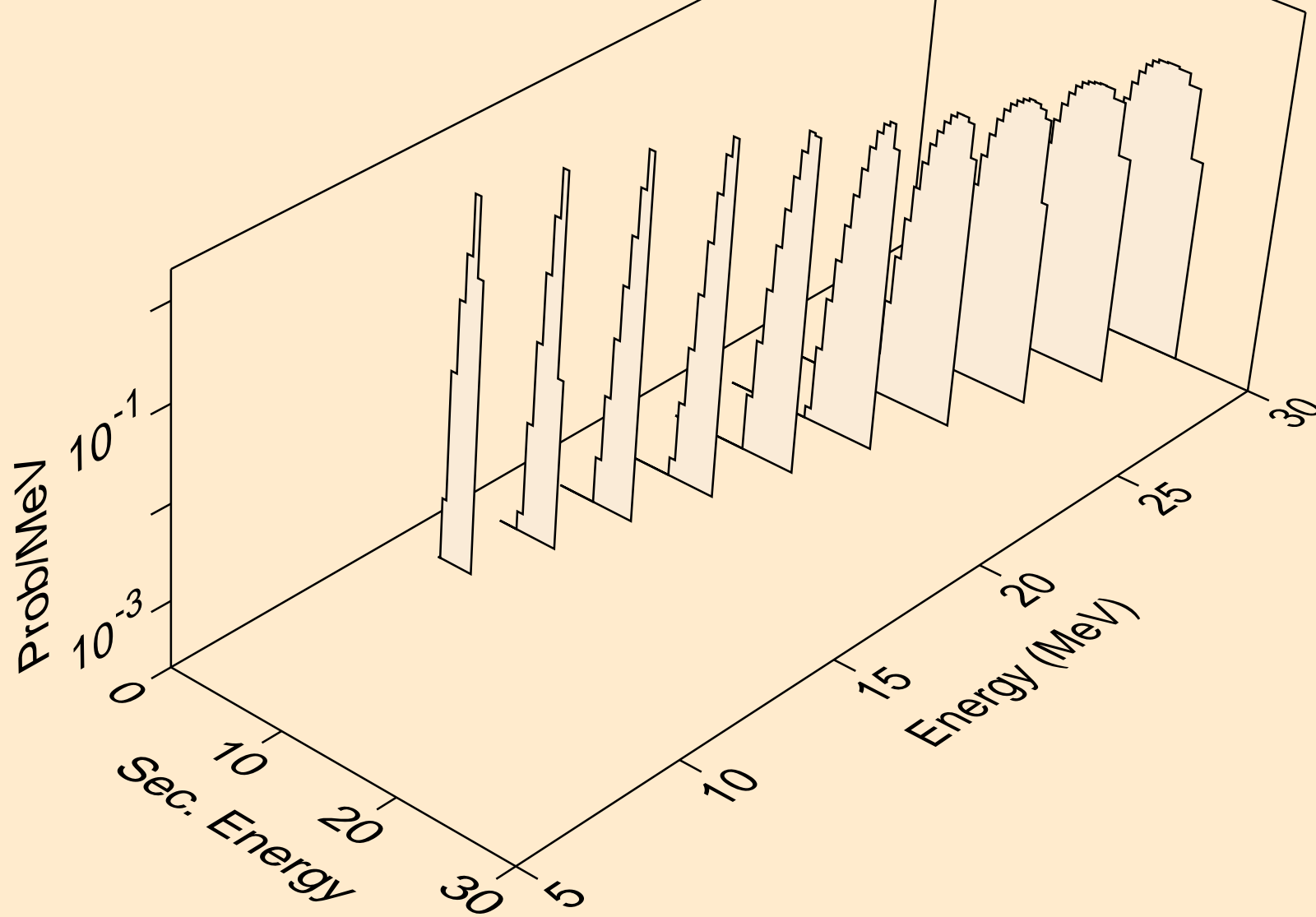




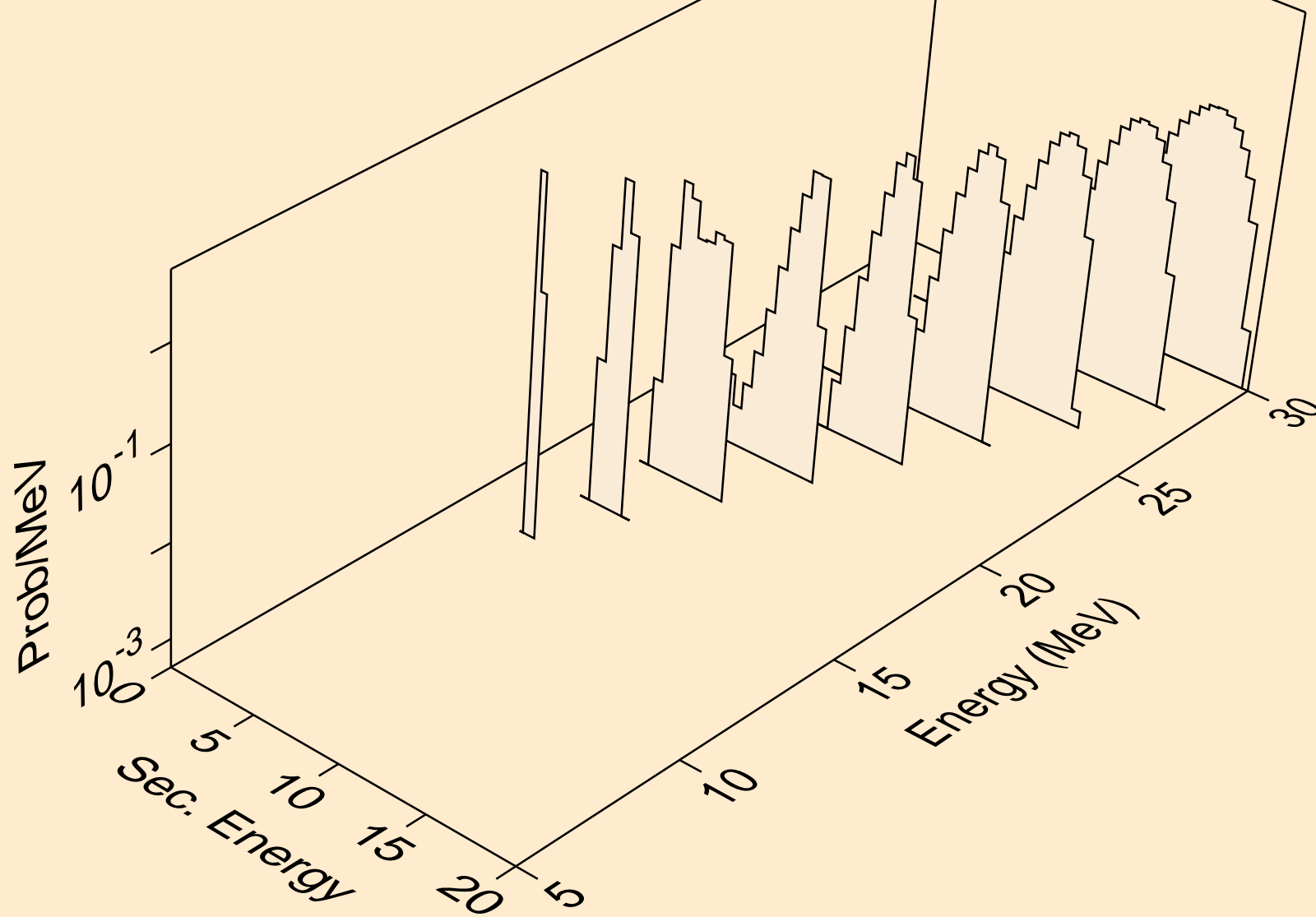
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



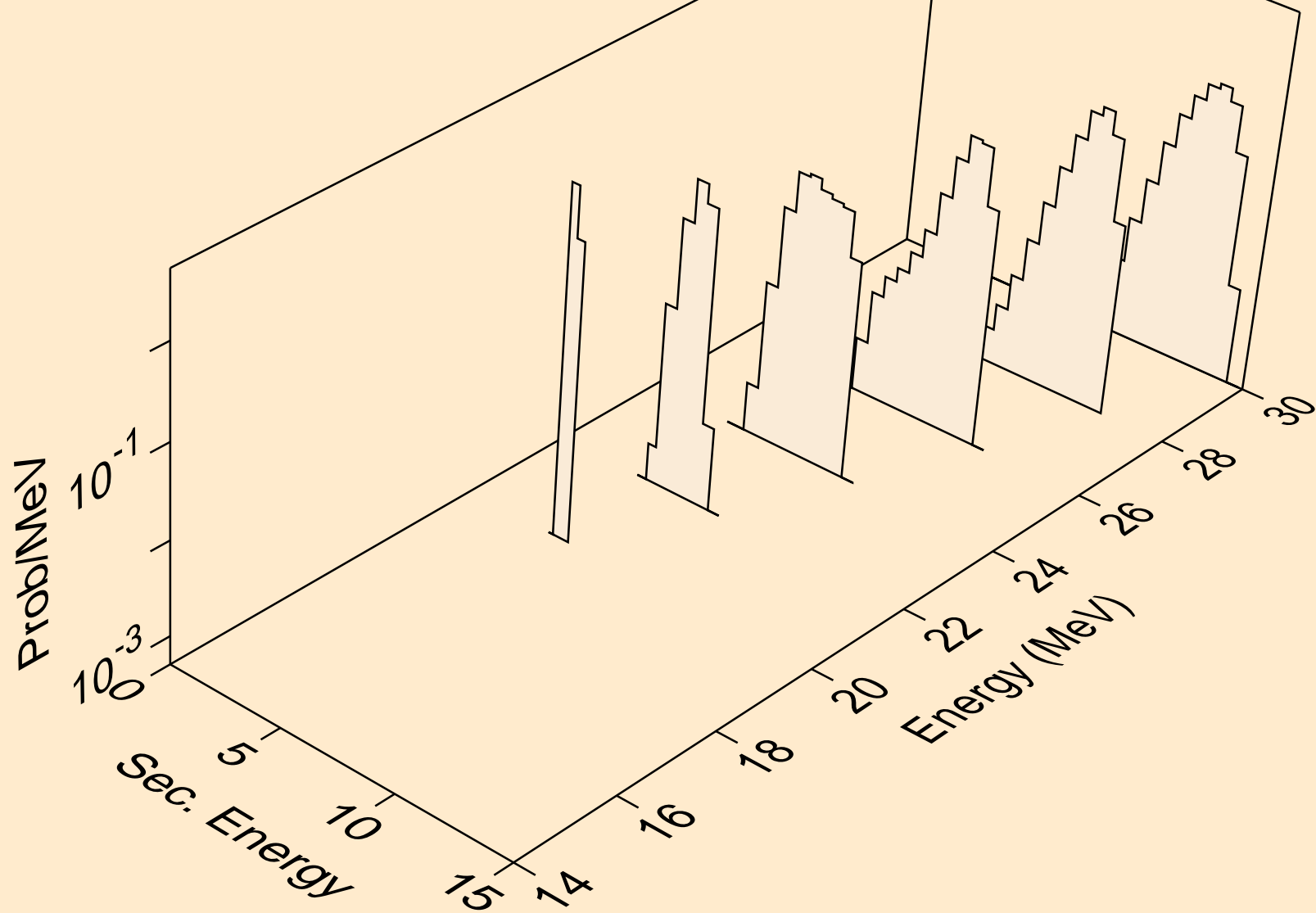
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



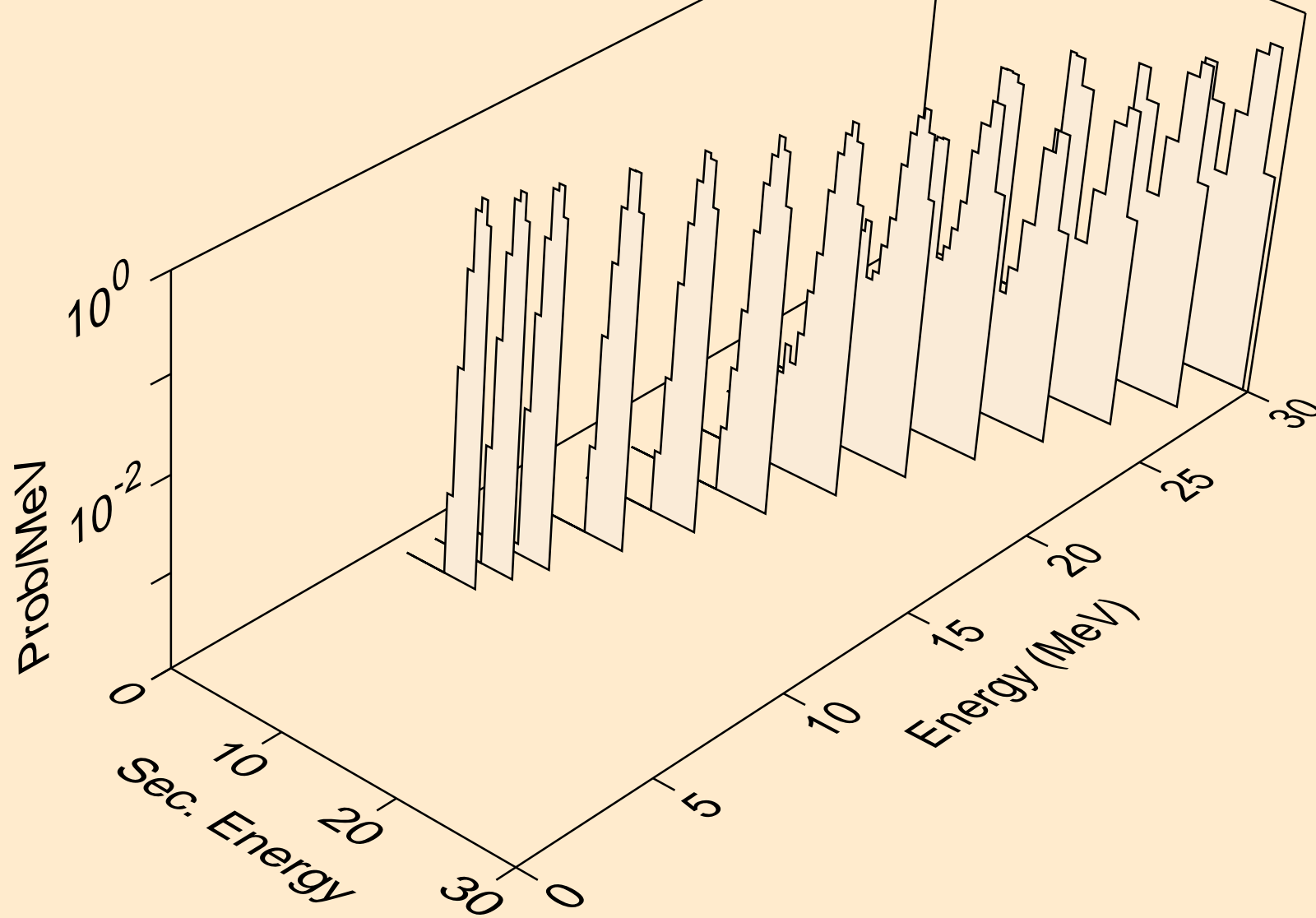
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a

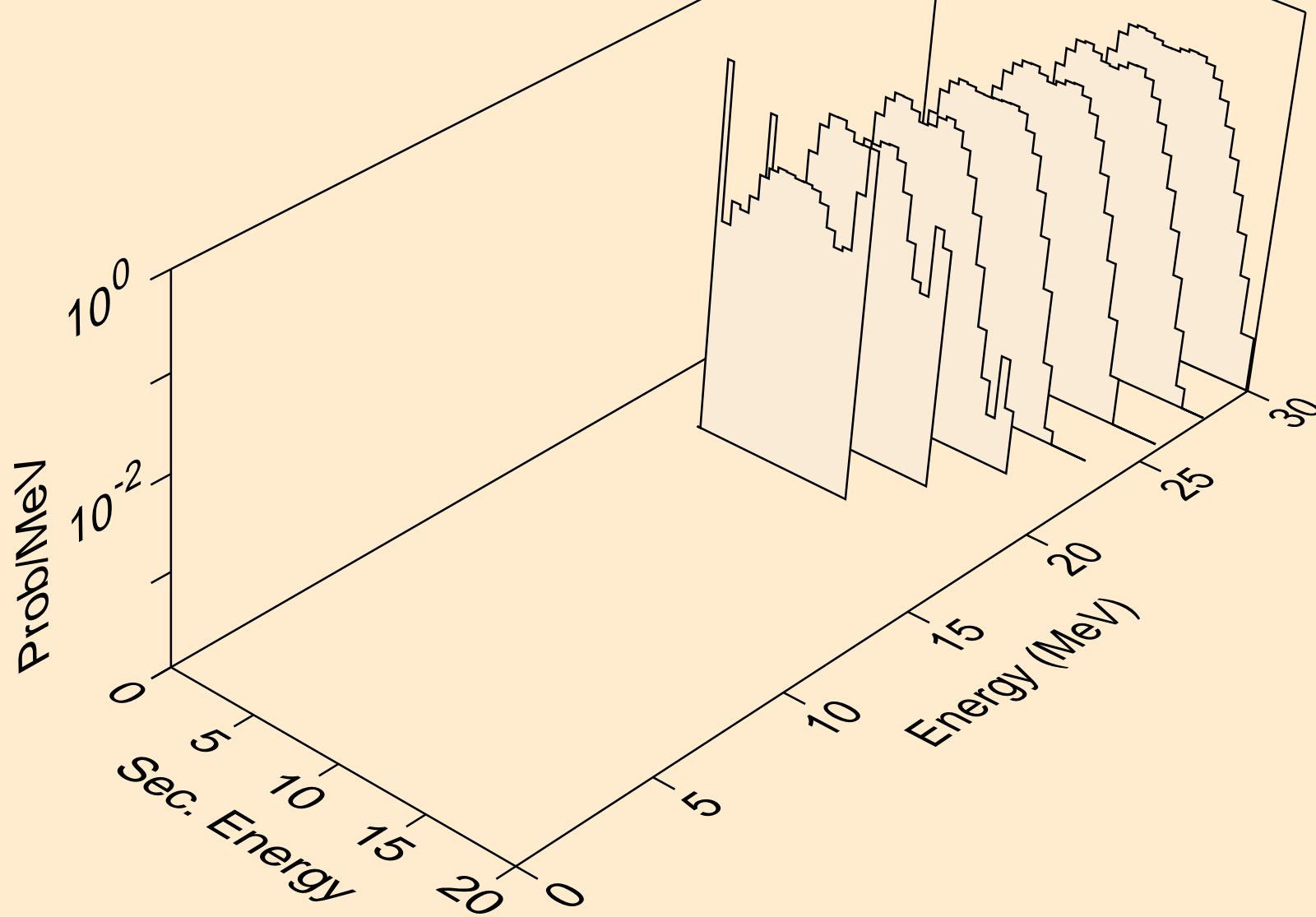


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

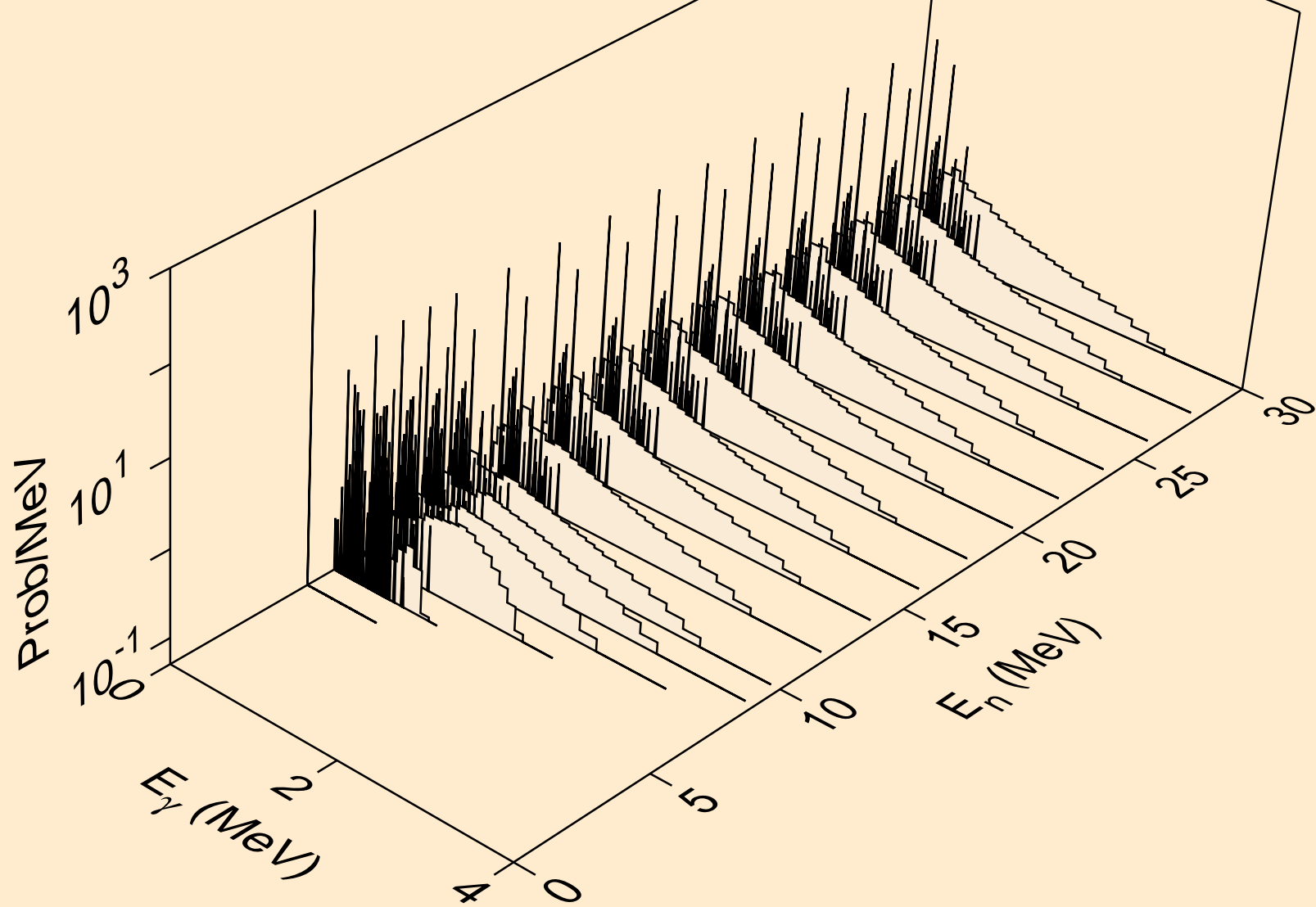


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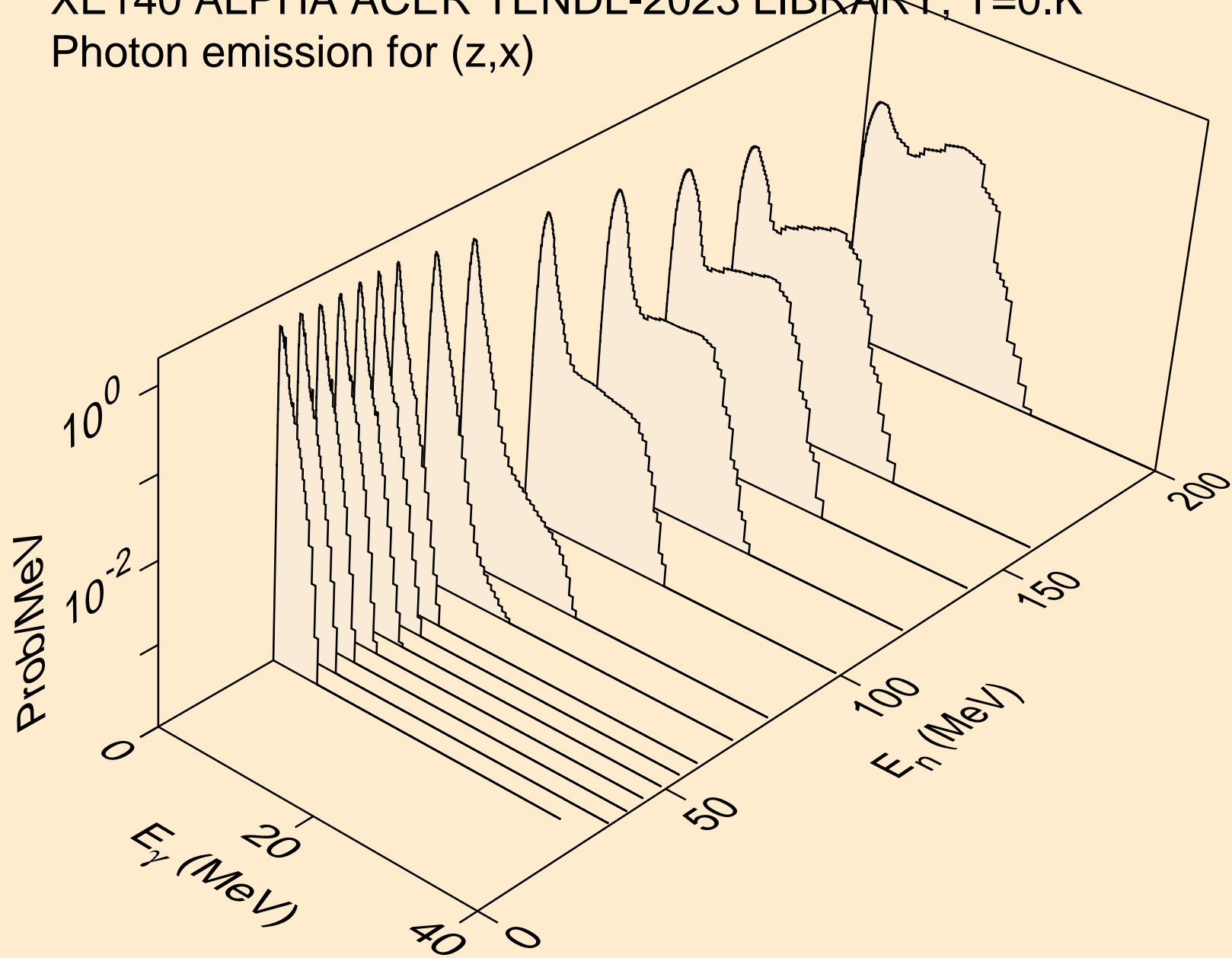
Alpha emission for (a,2a)



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

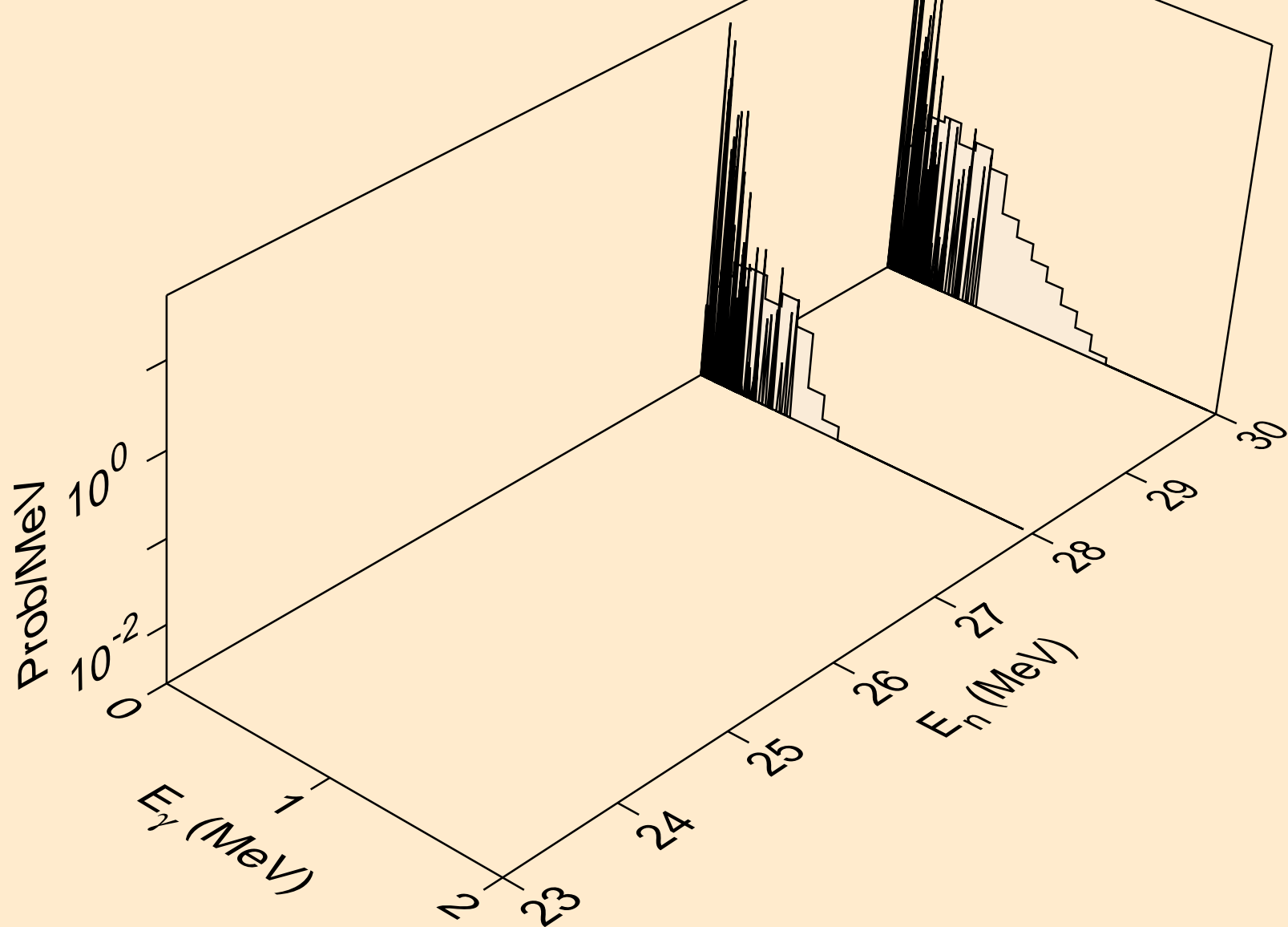


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

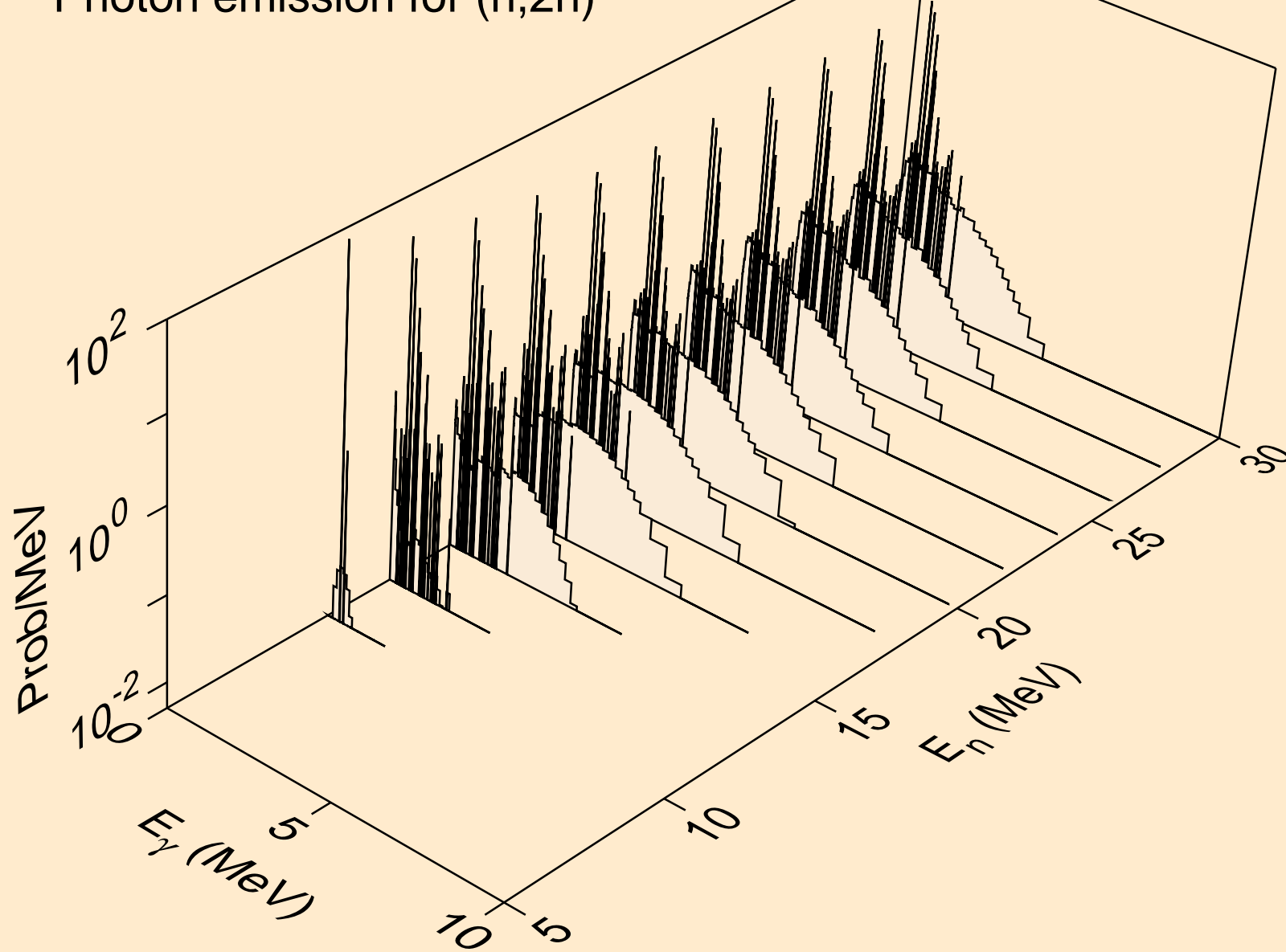




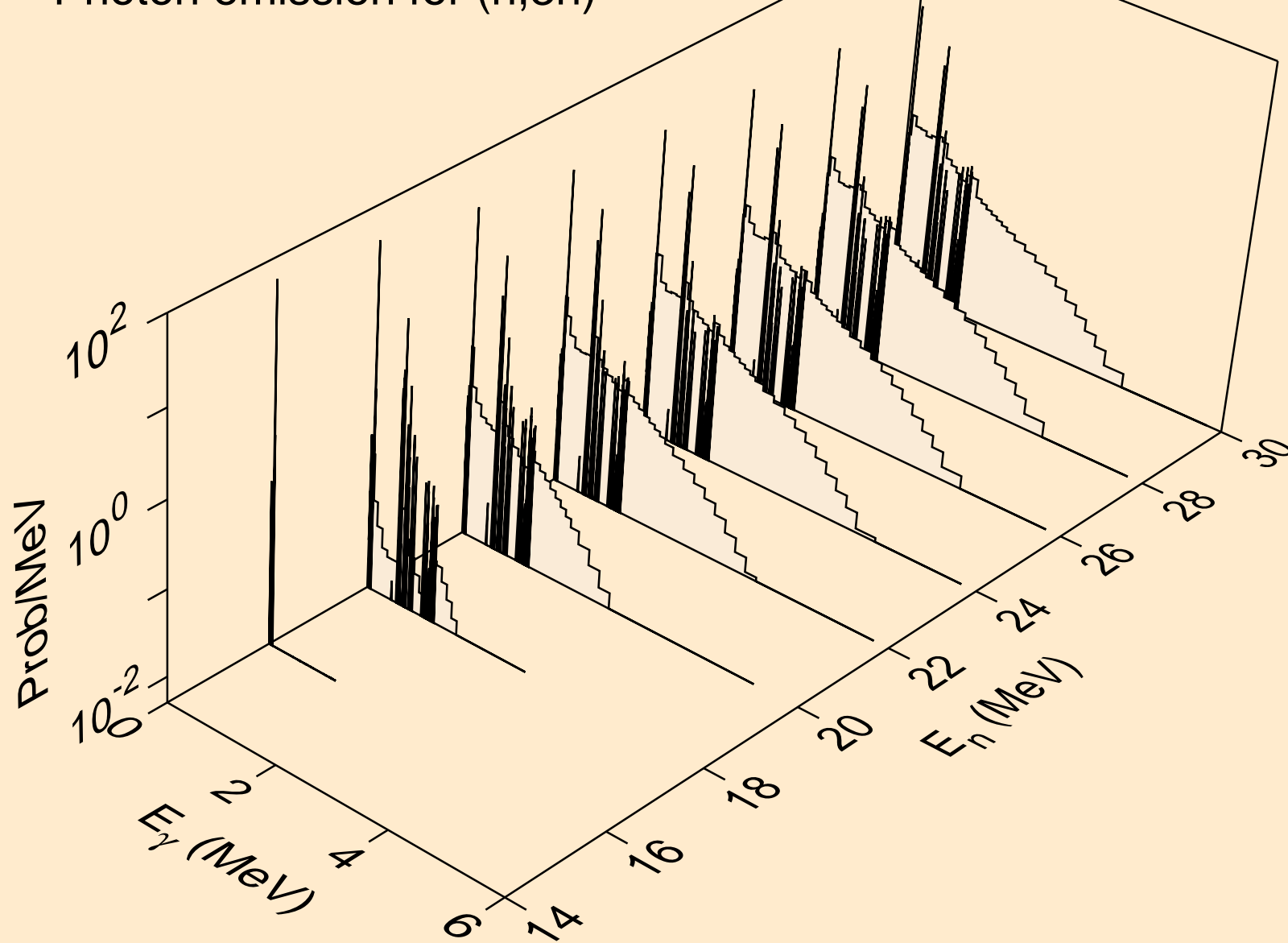
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



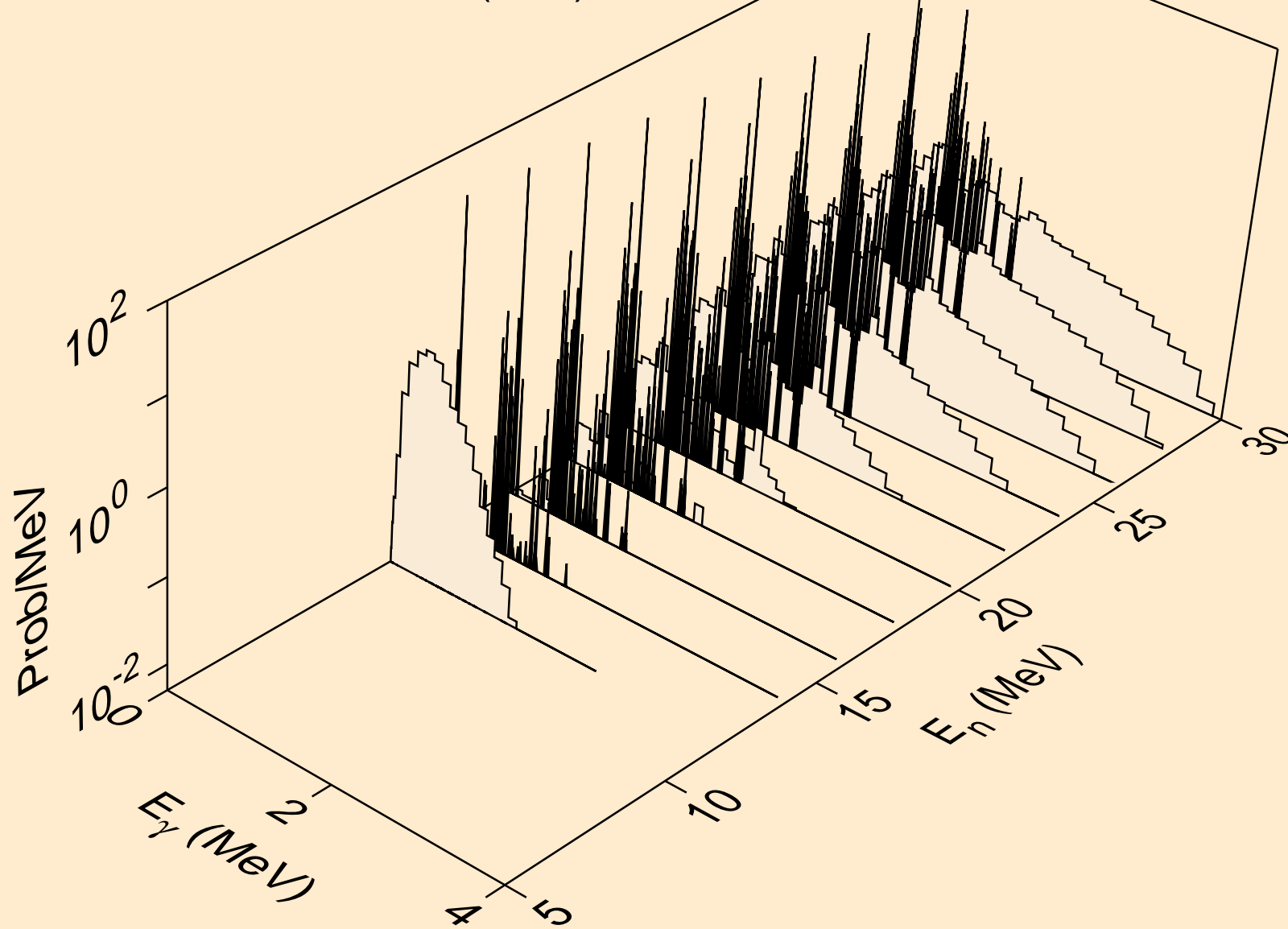
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



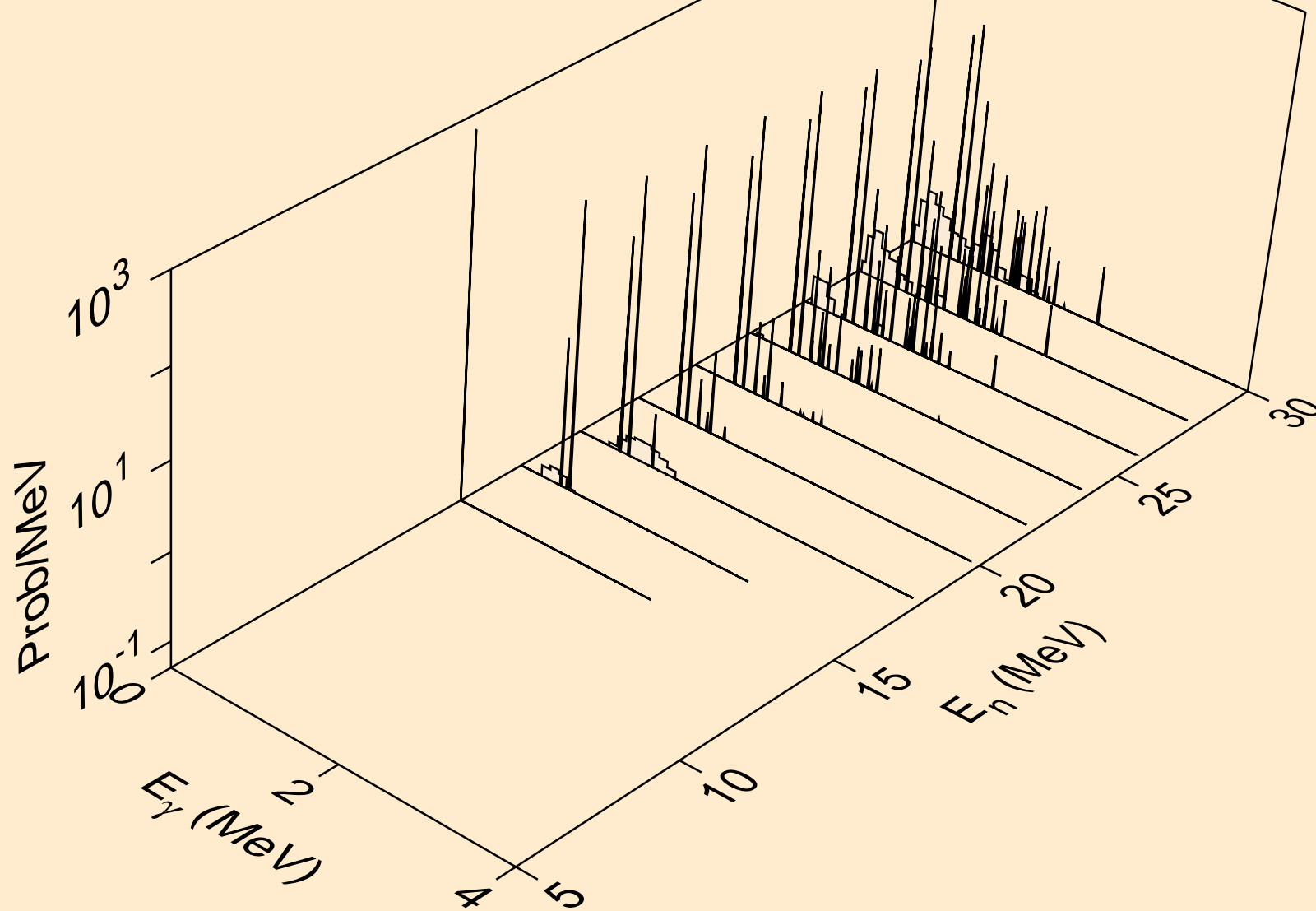
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Photon emission for (n,3n)



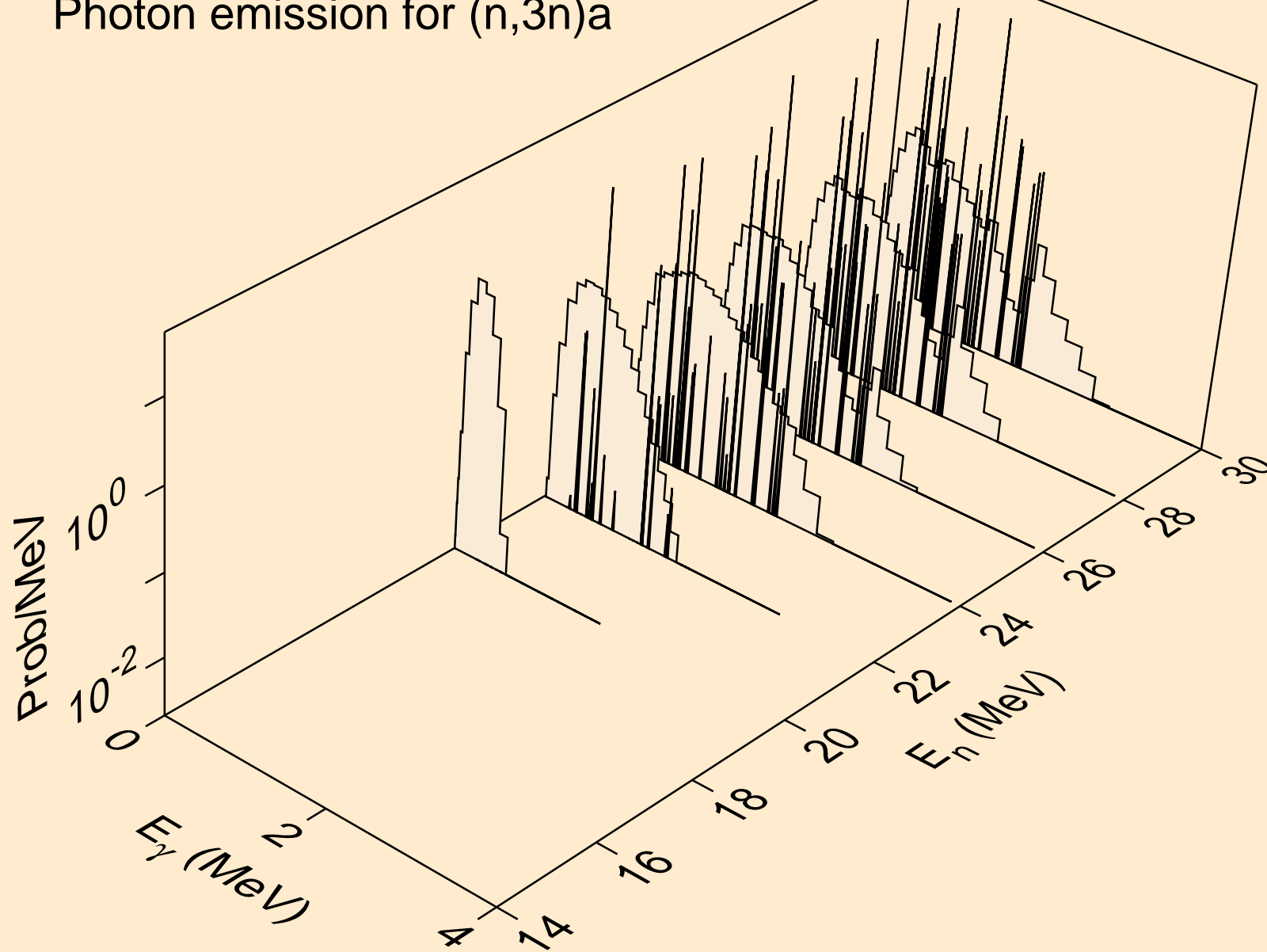
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



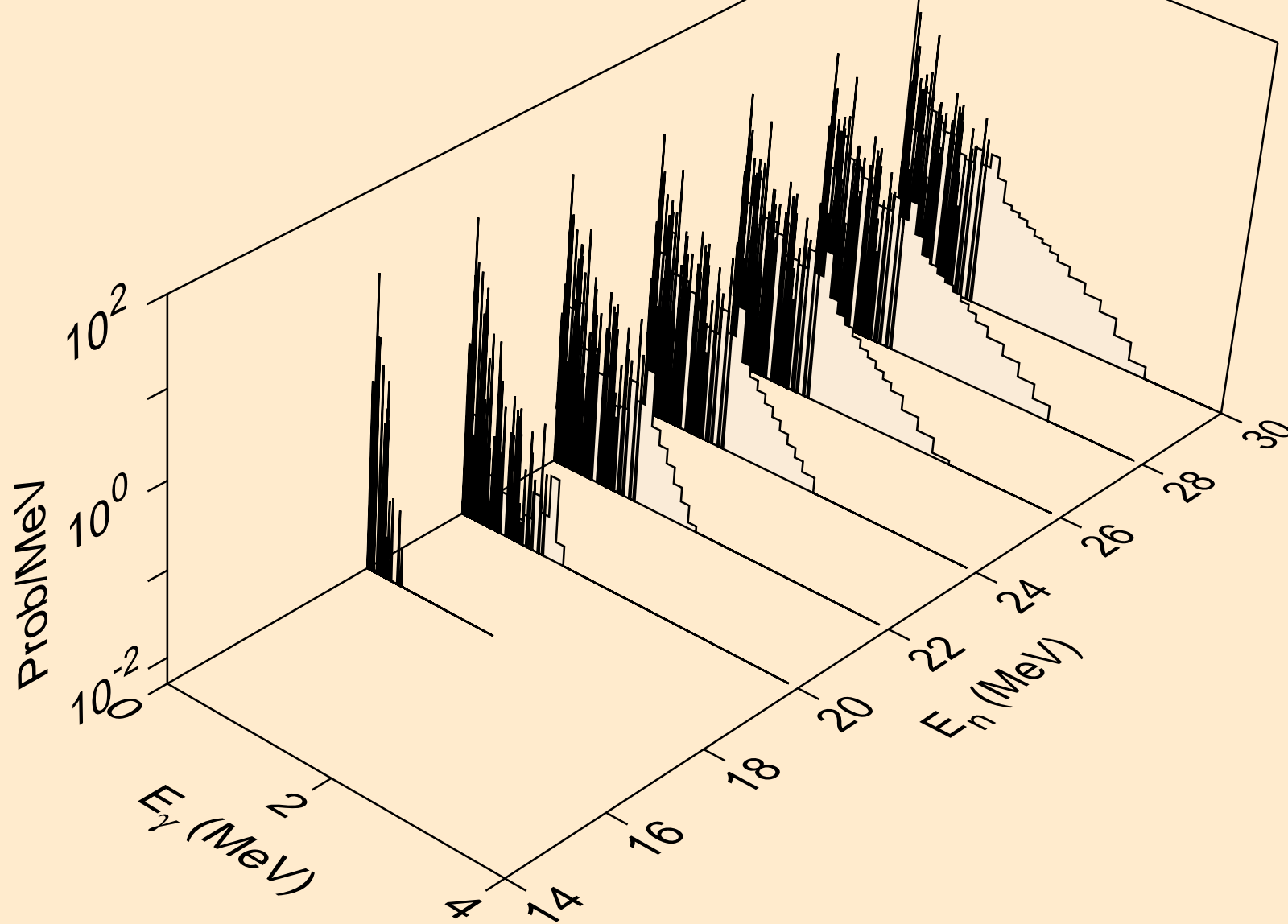
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

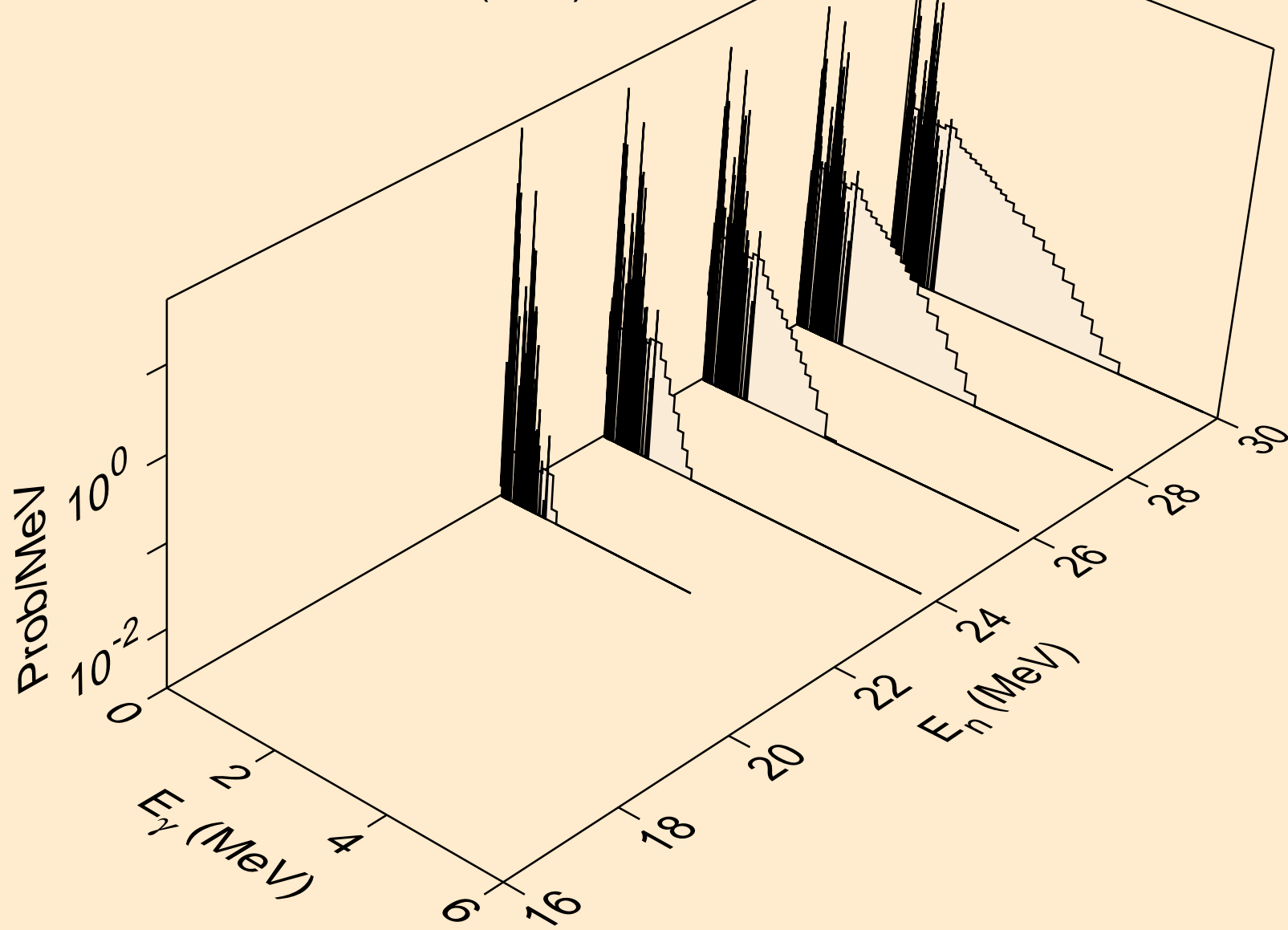


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

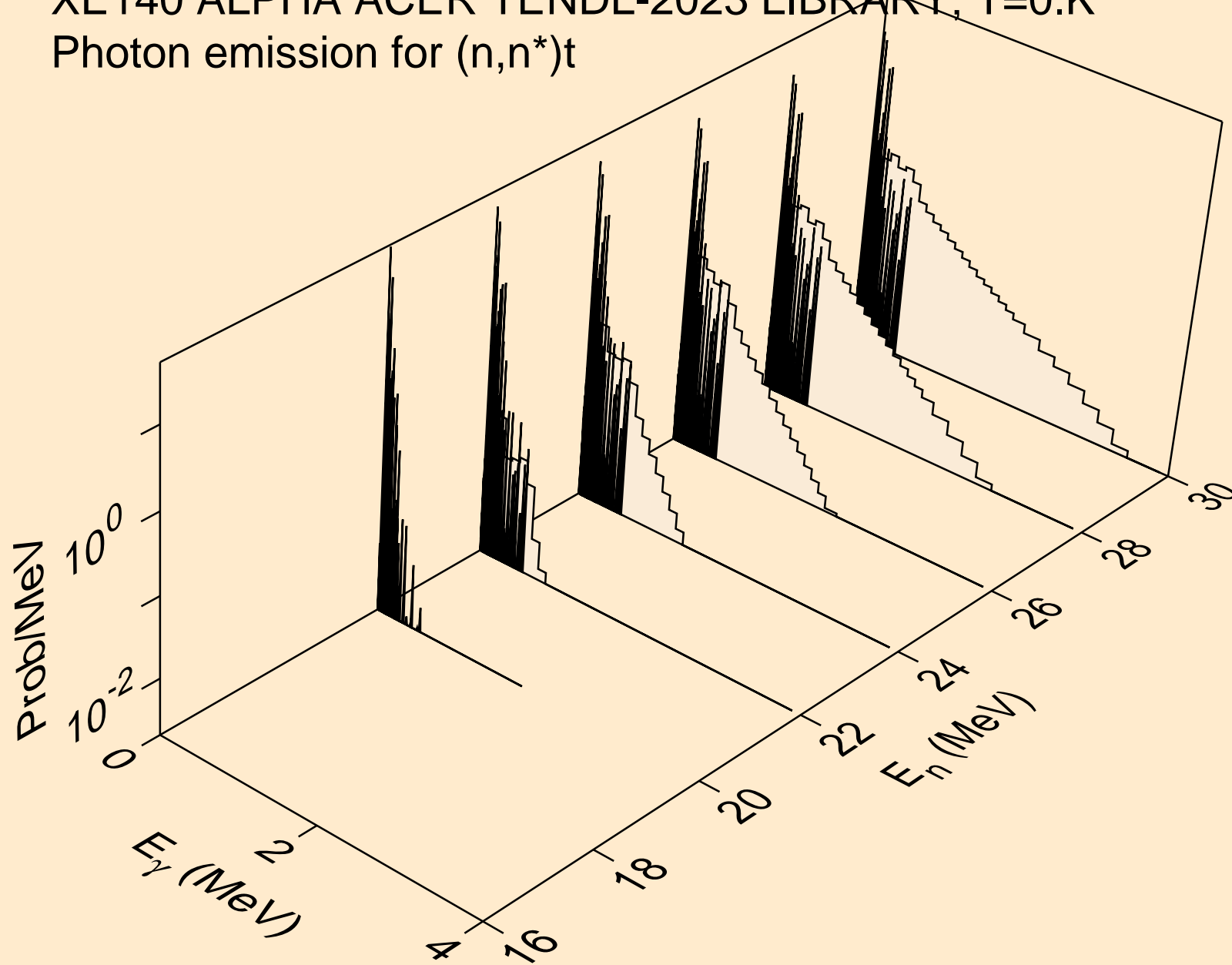
Photon emission for (n,n\*)d



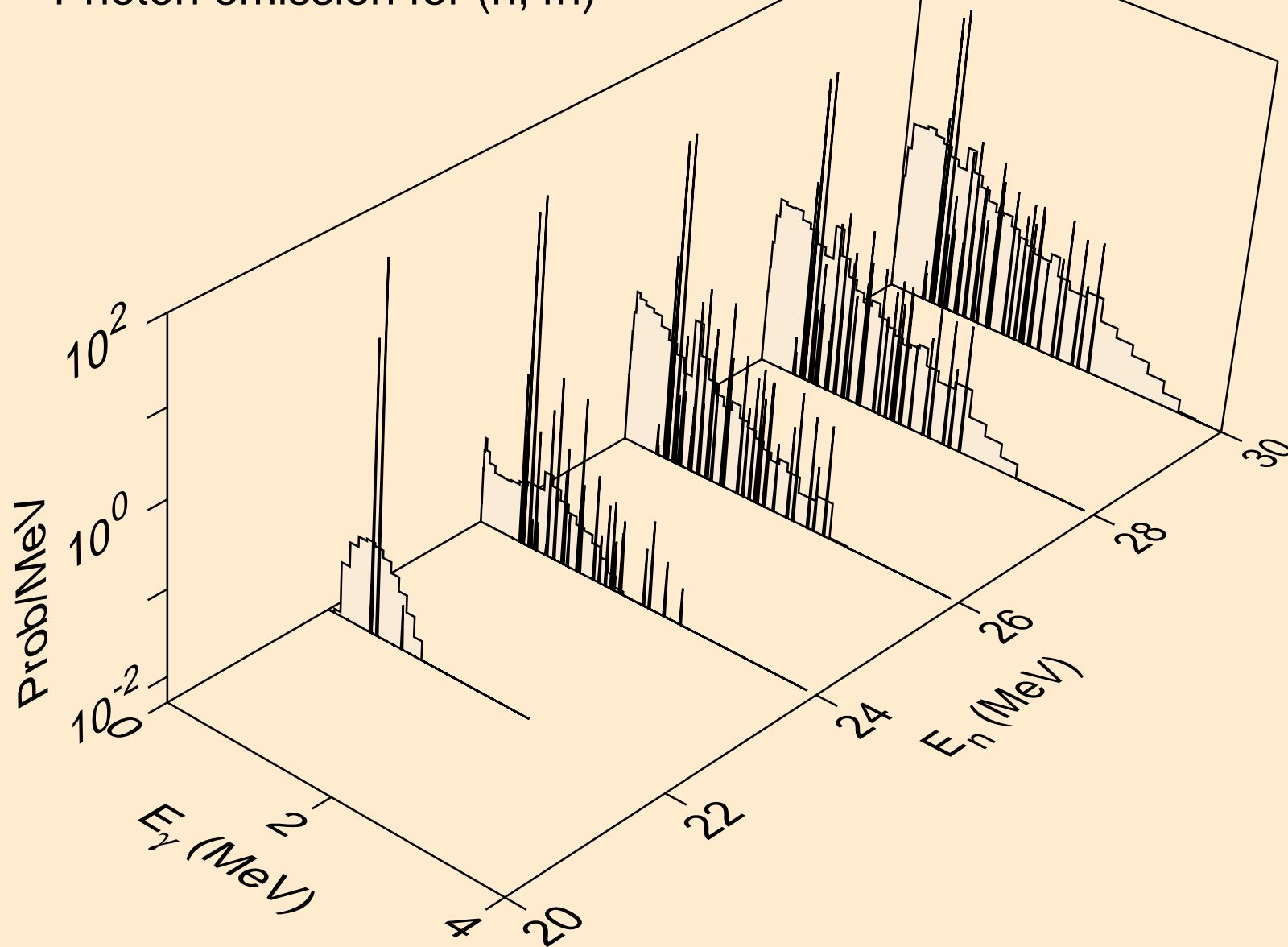


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

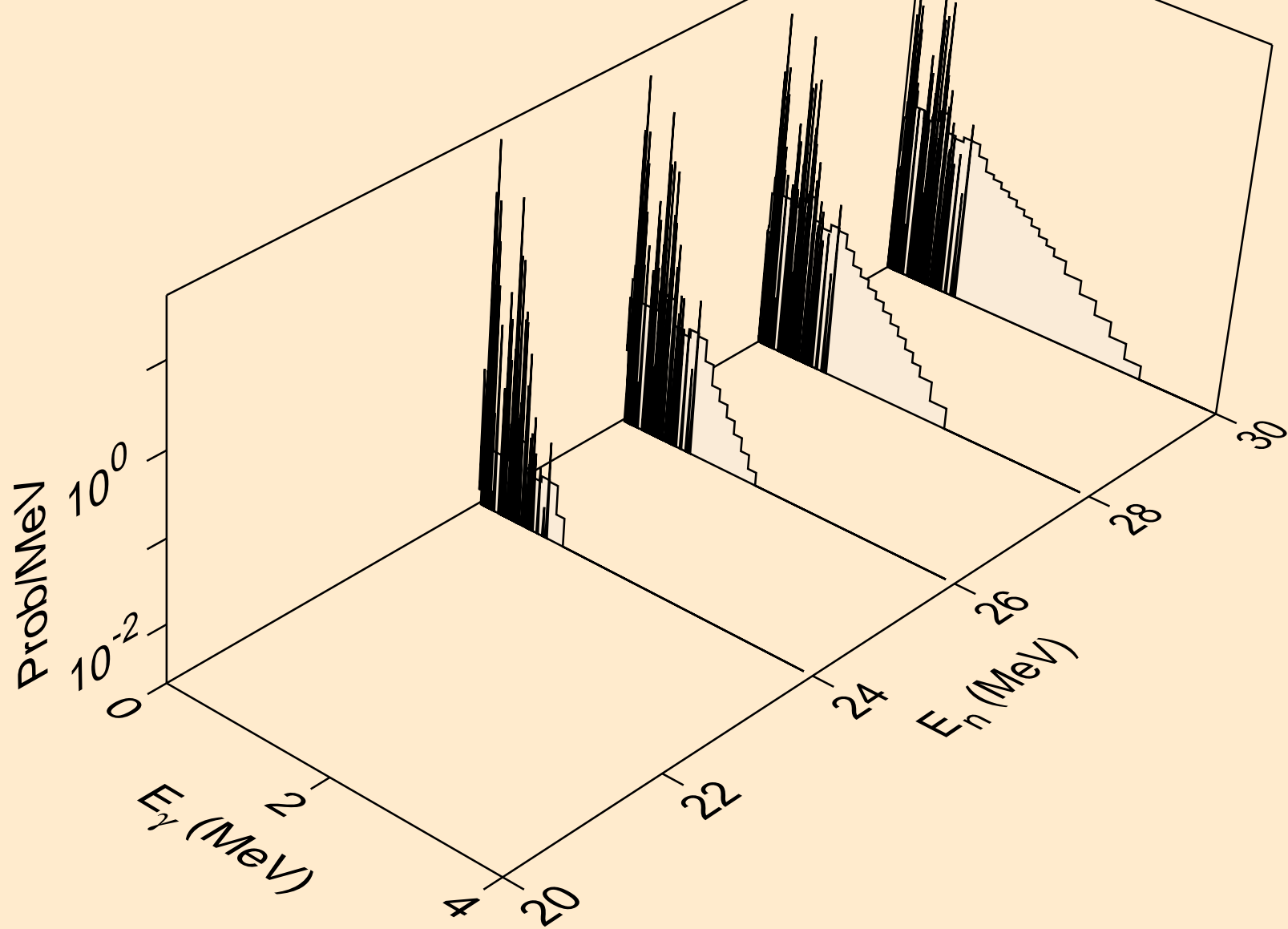
Photon emission for (n,n\*)t



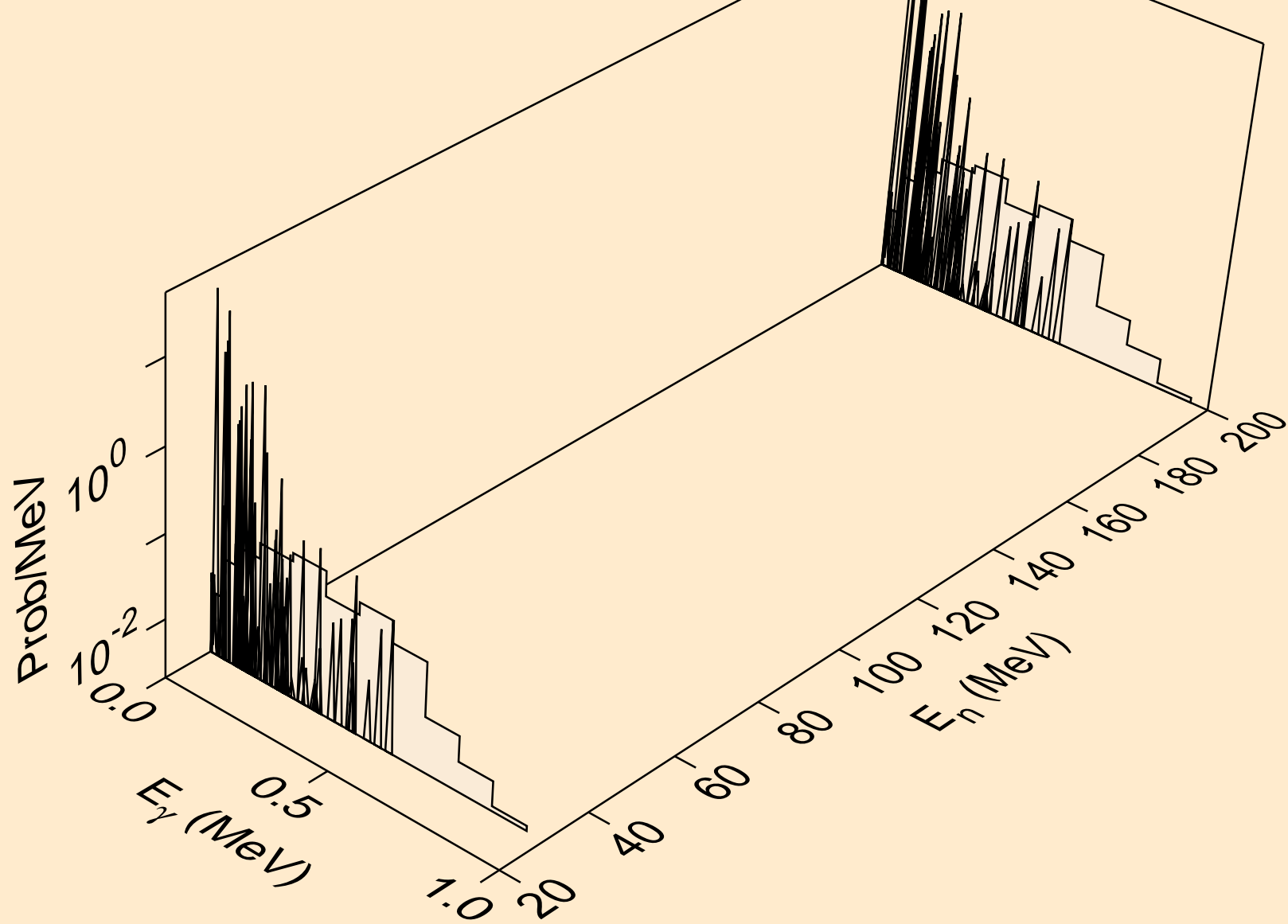
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



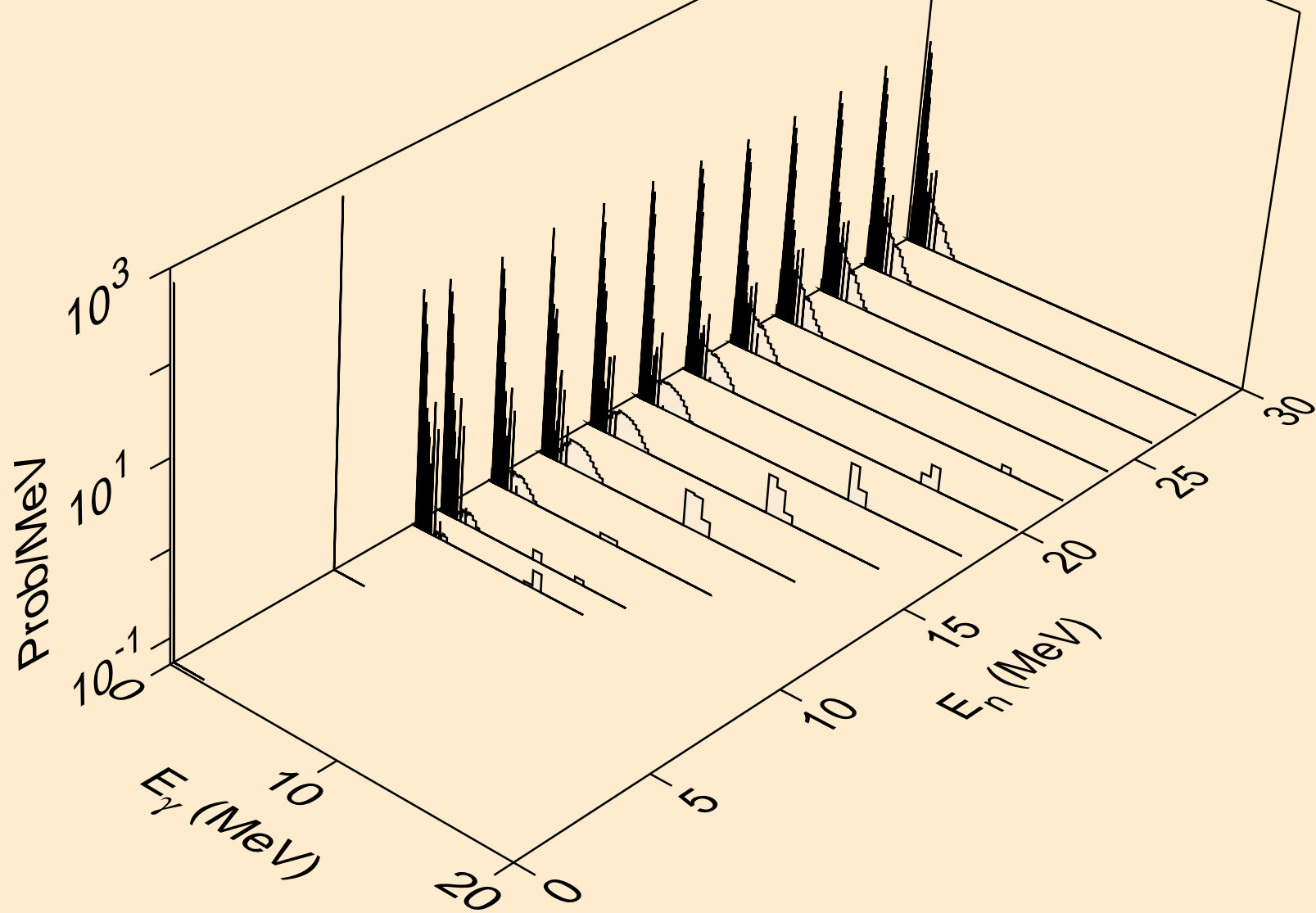
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Photon emission for (n,2np)



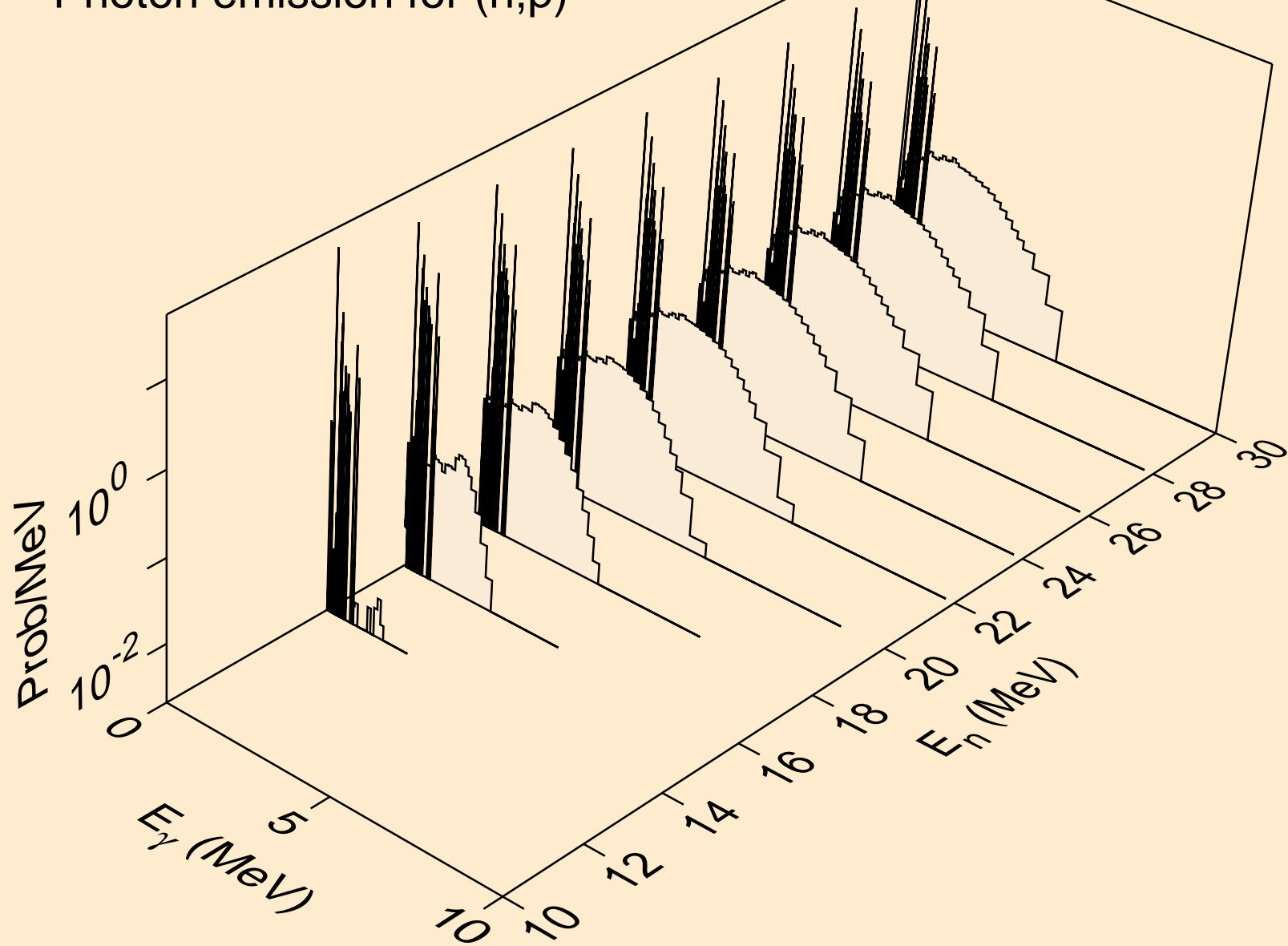
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Photon emission for (n,3np)



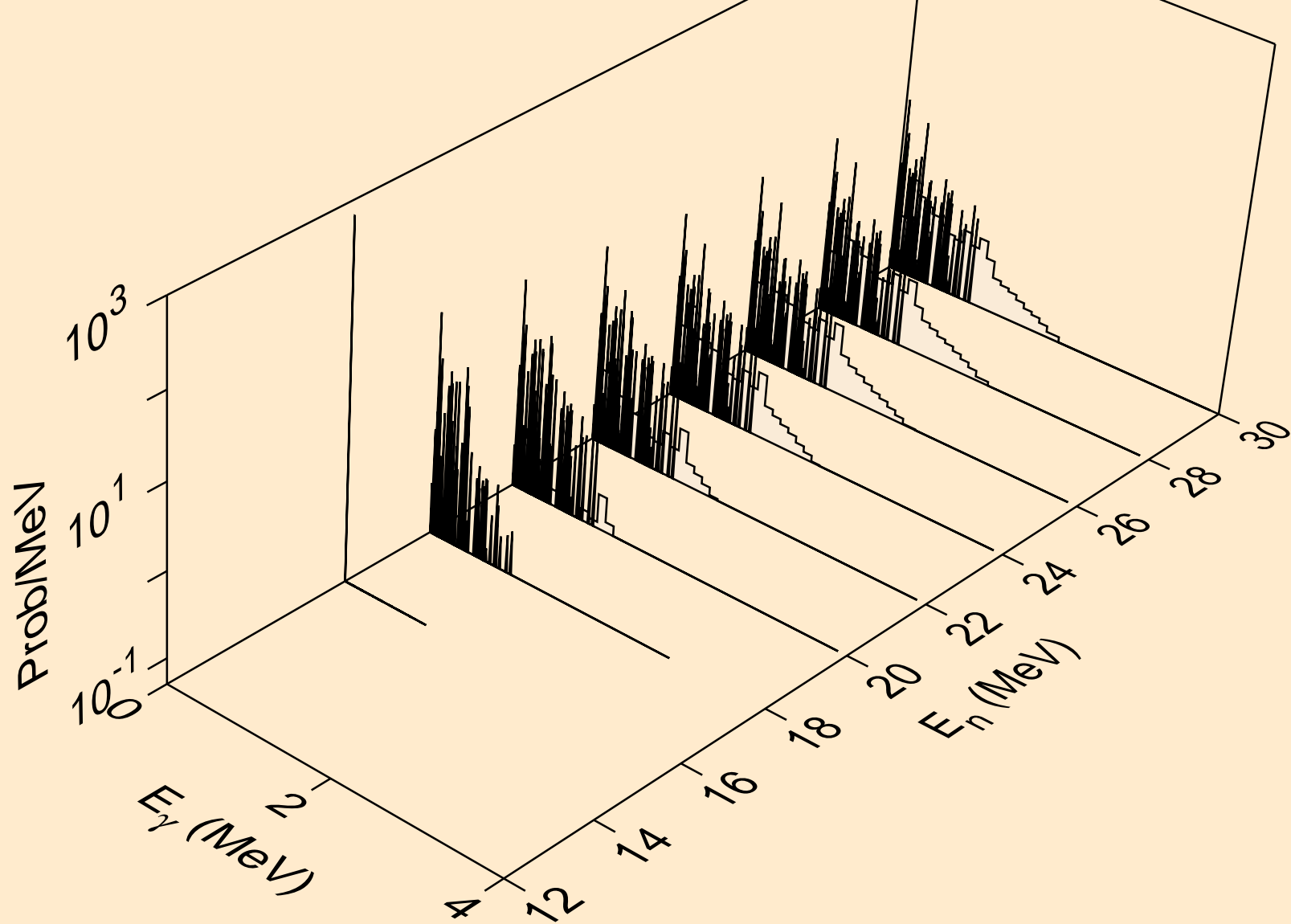
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Photon emission for (n,gma)



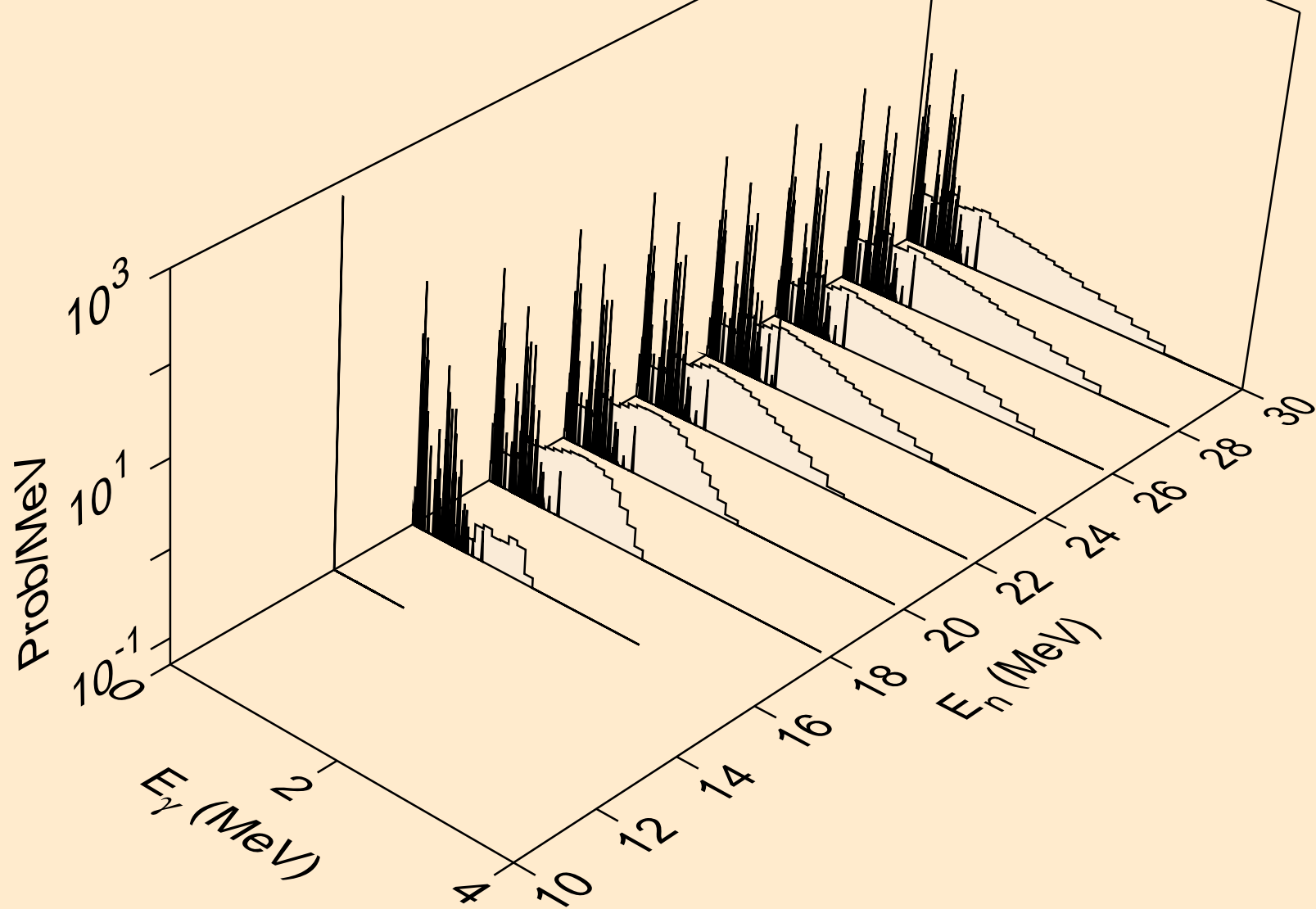
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

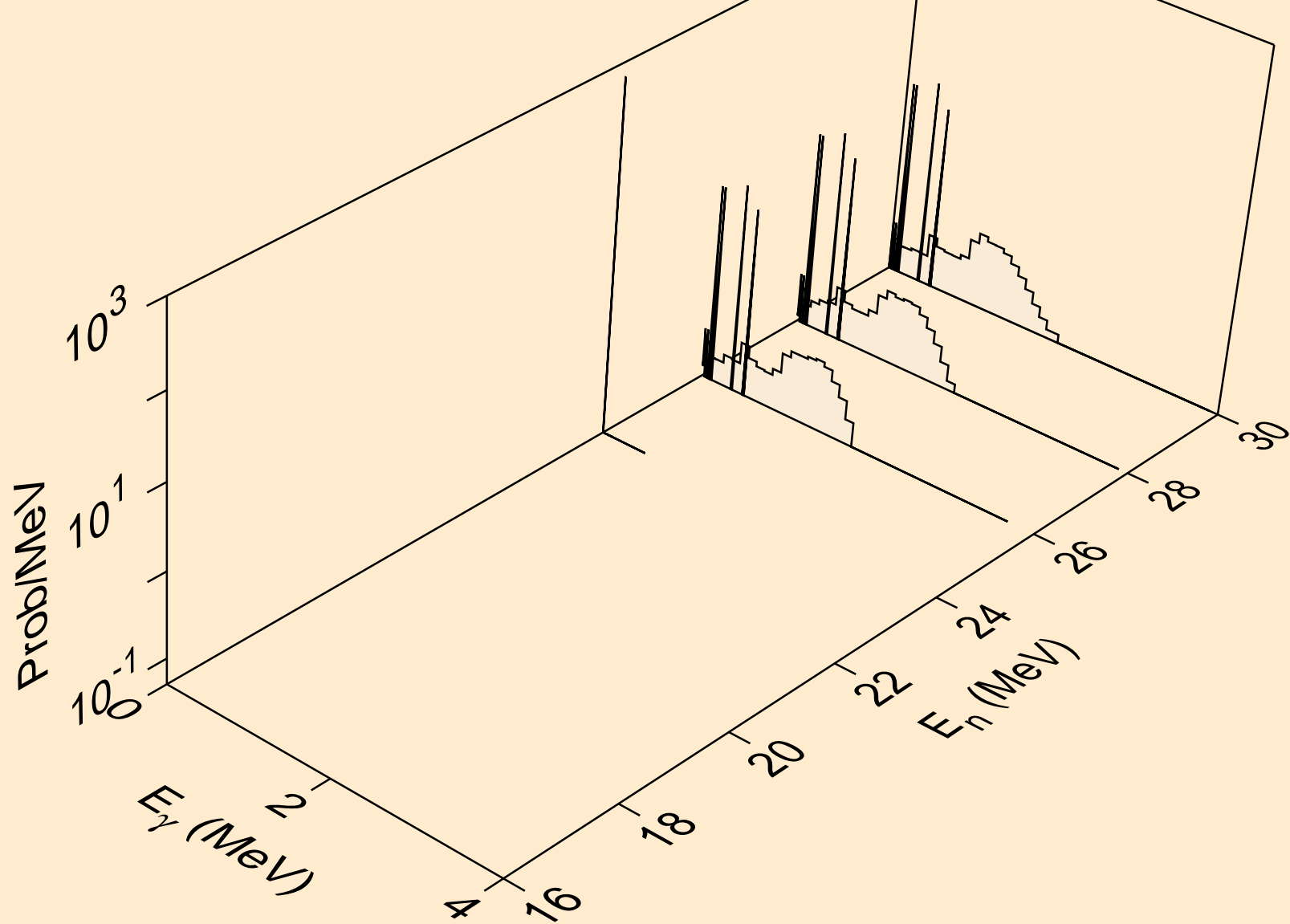


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

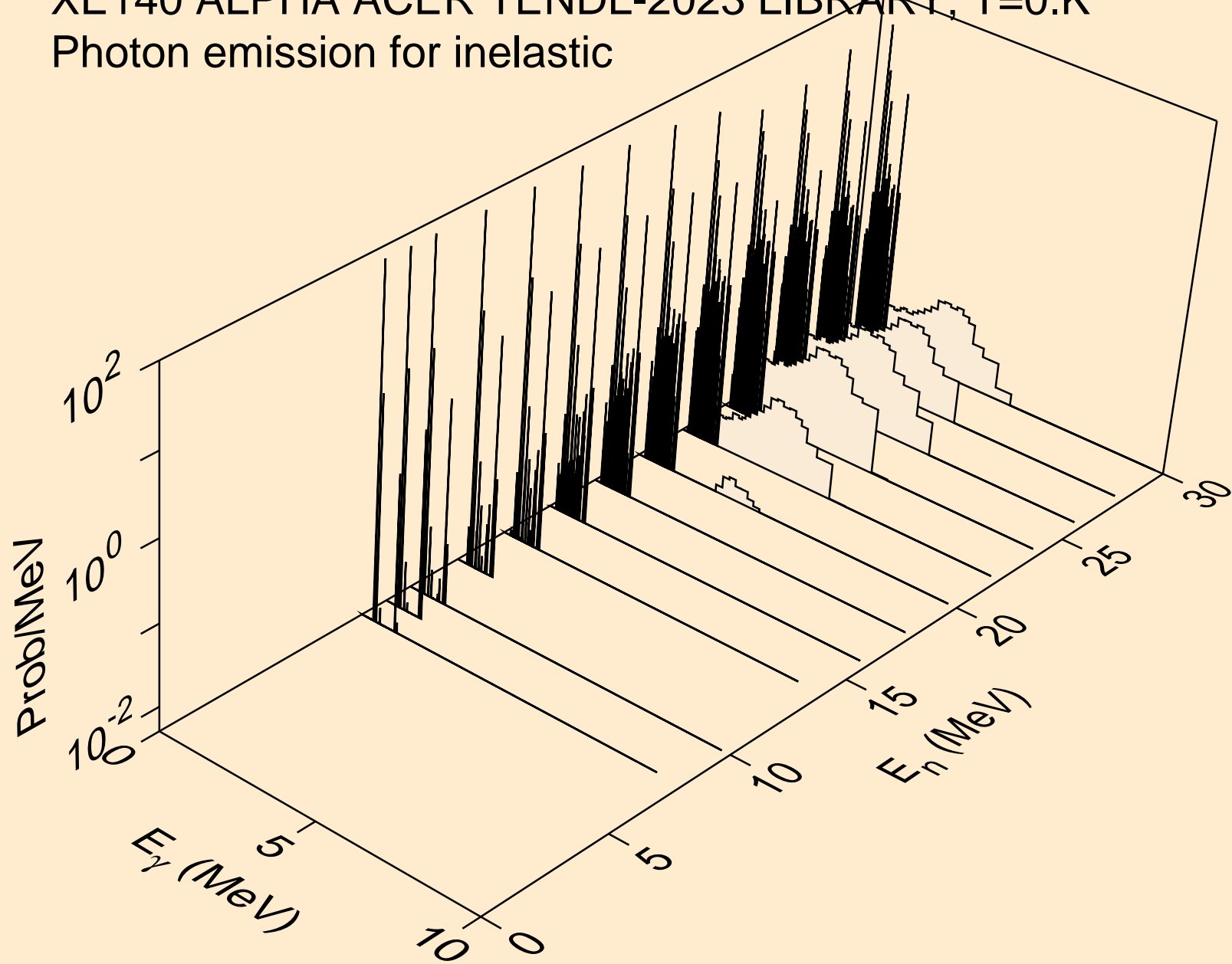




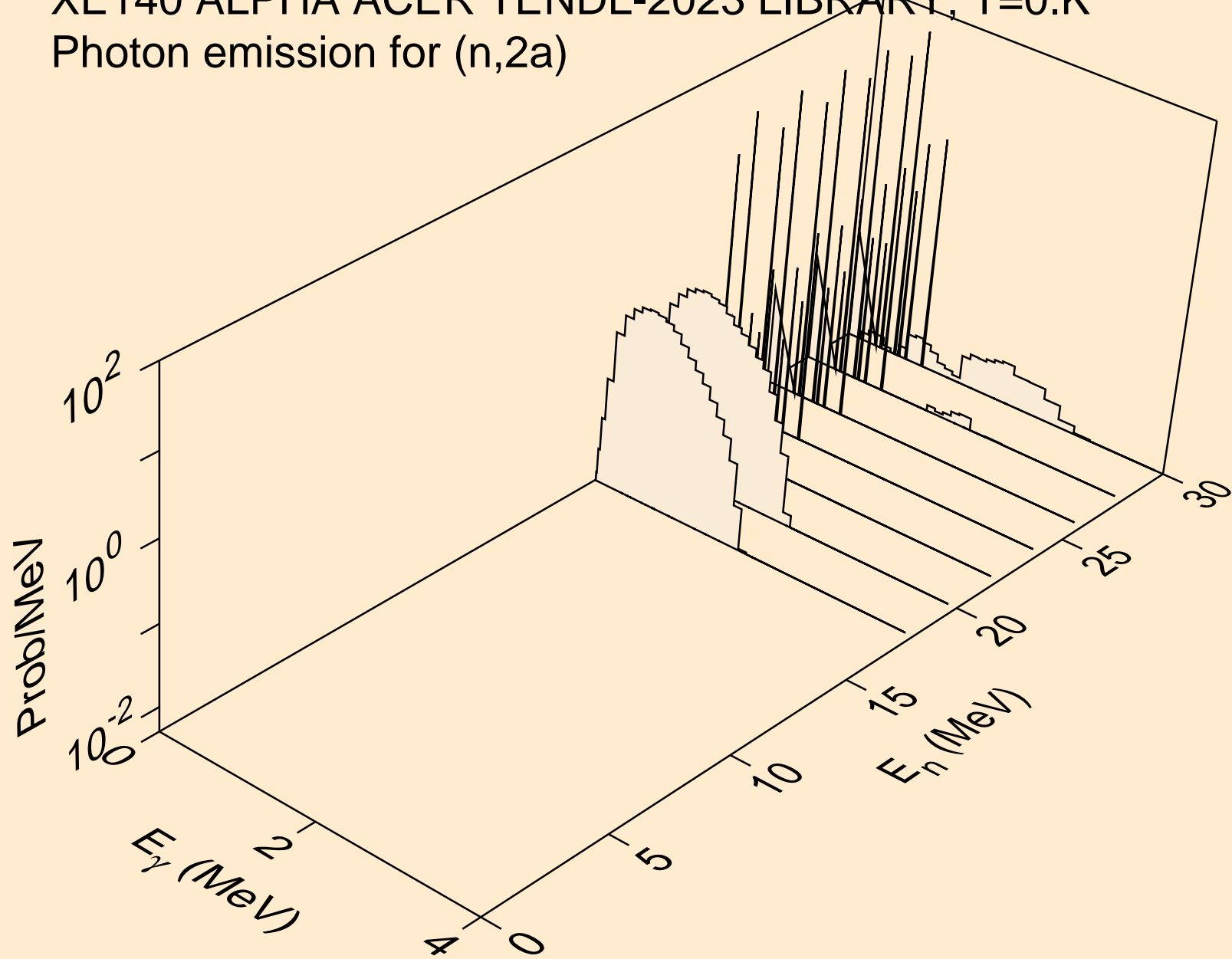
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Photon emission for (n,he3)



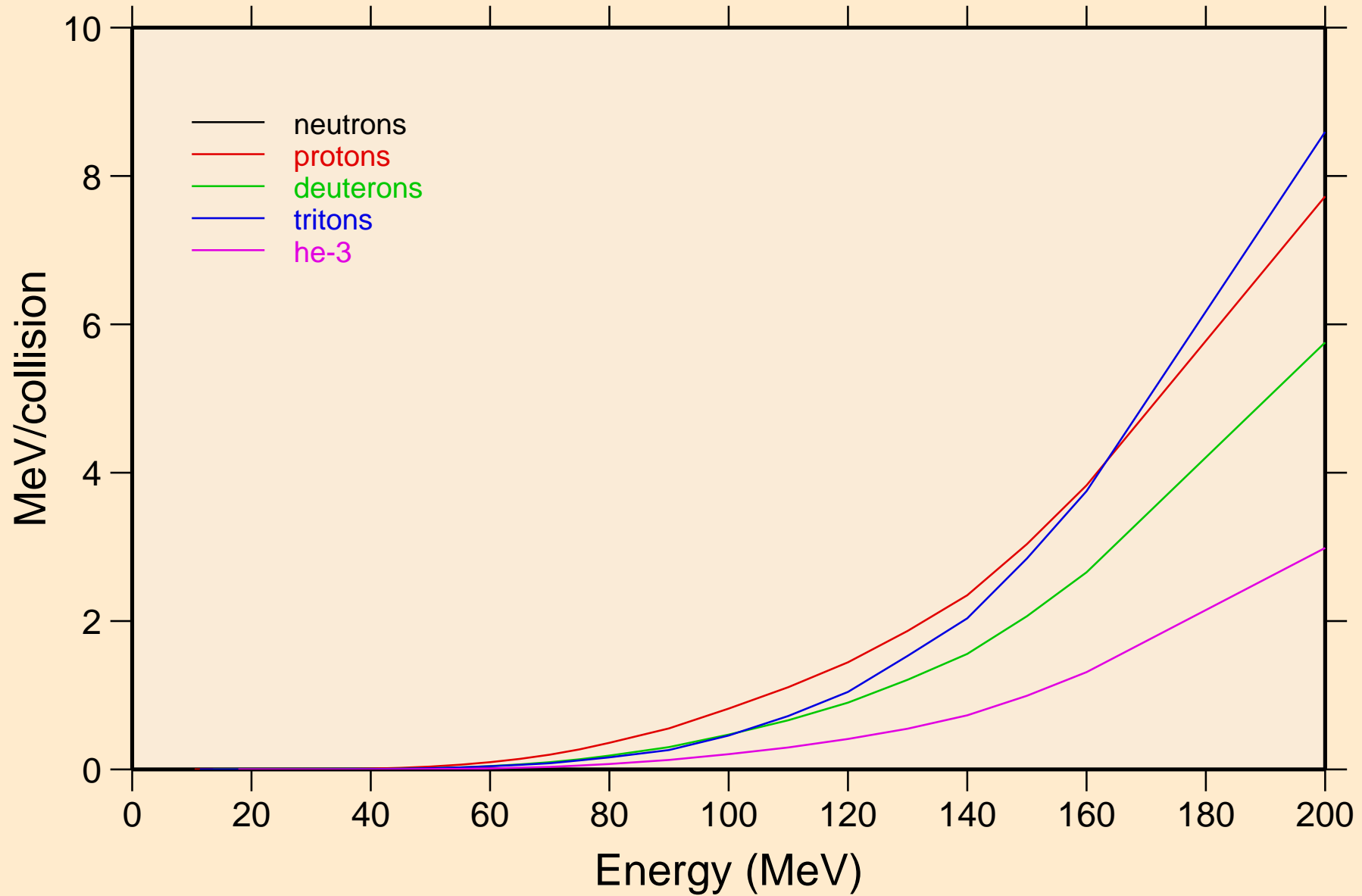
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



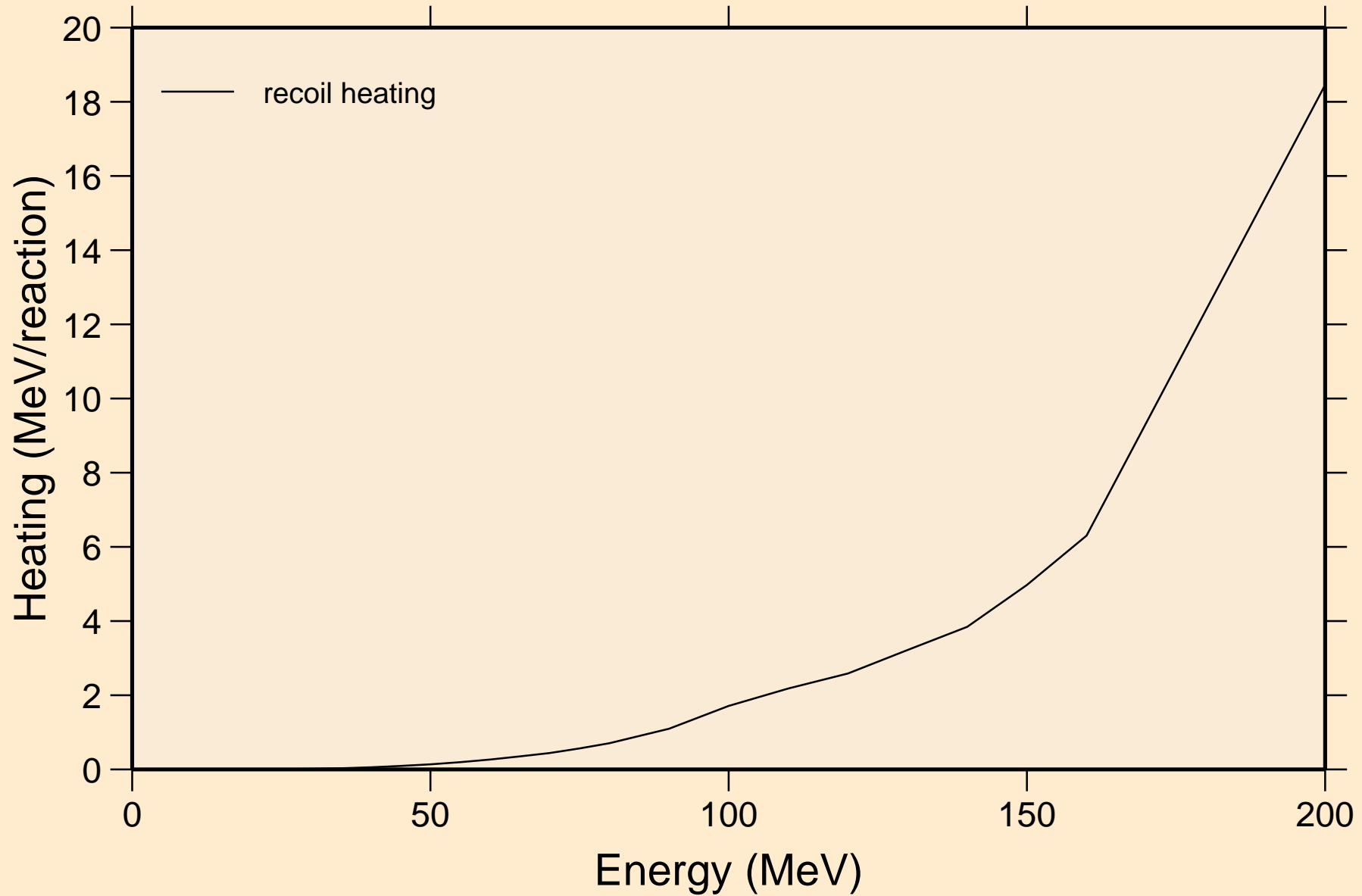
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



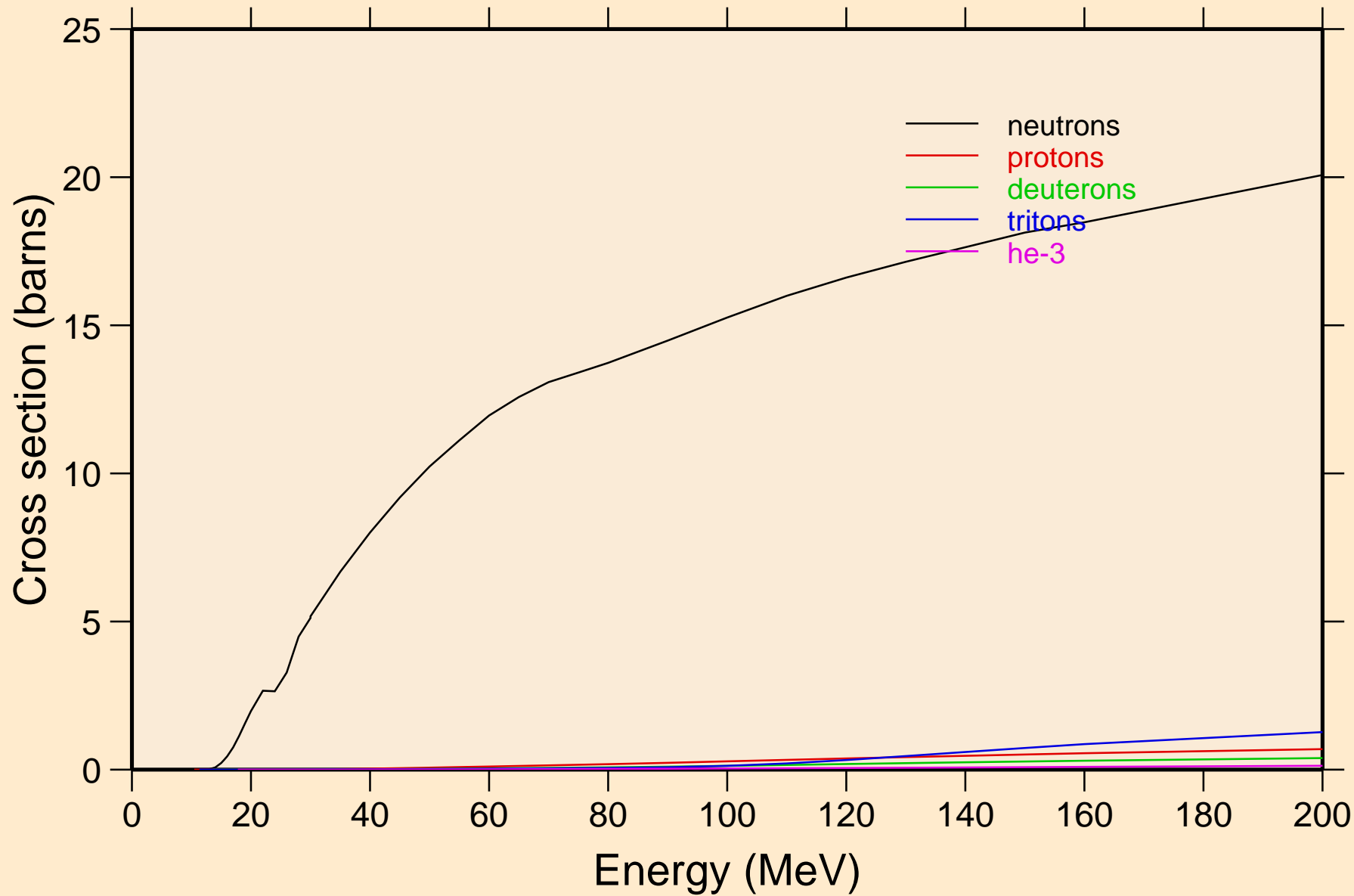
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



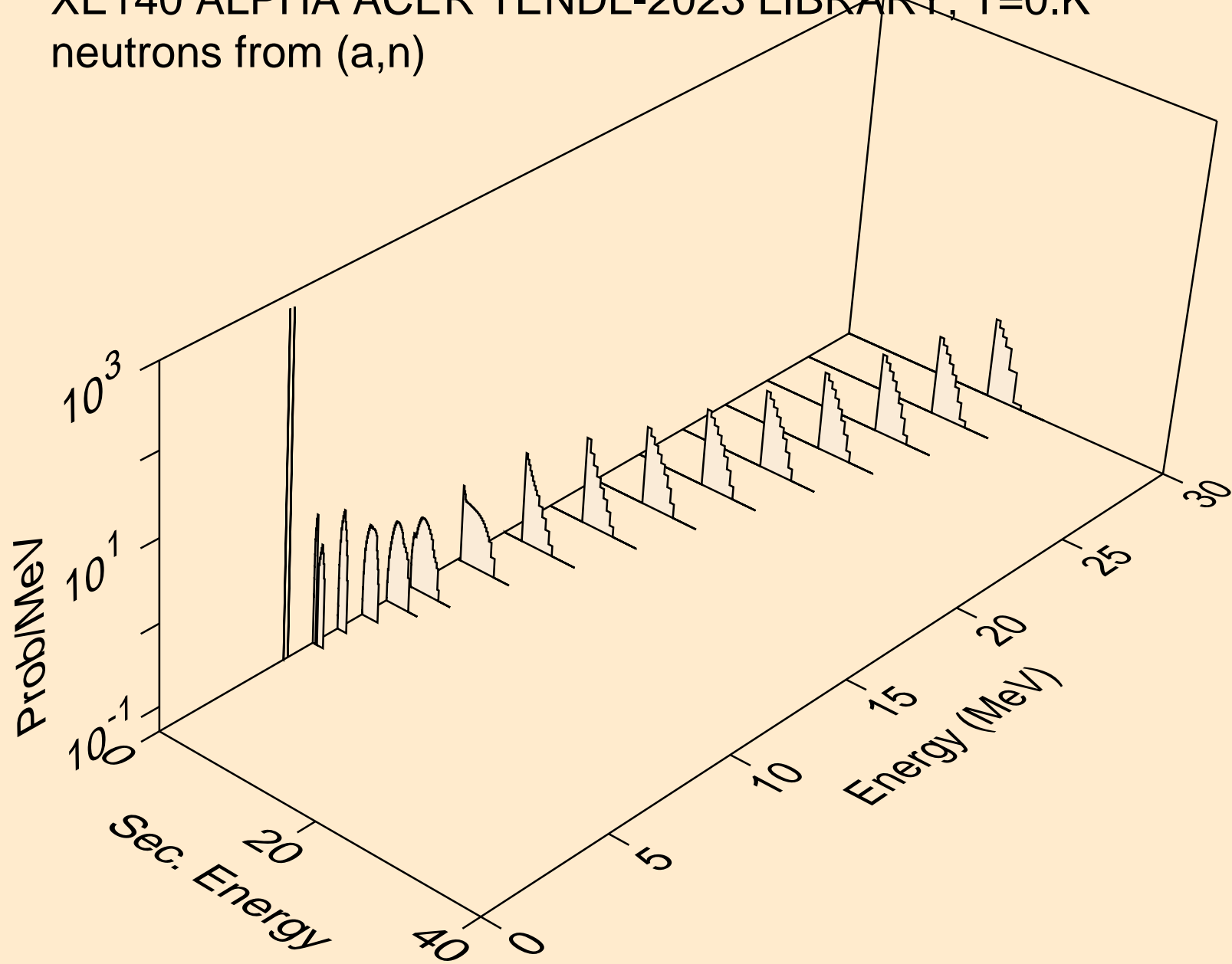
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



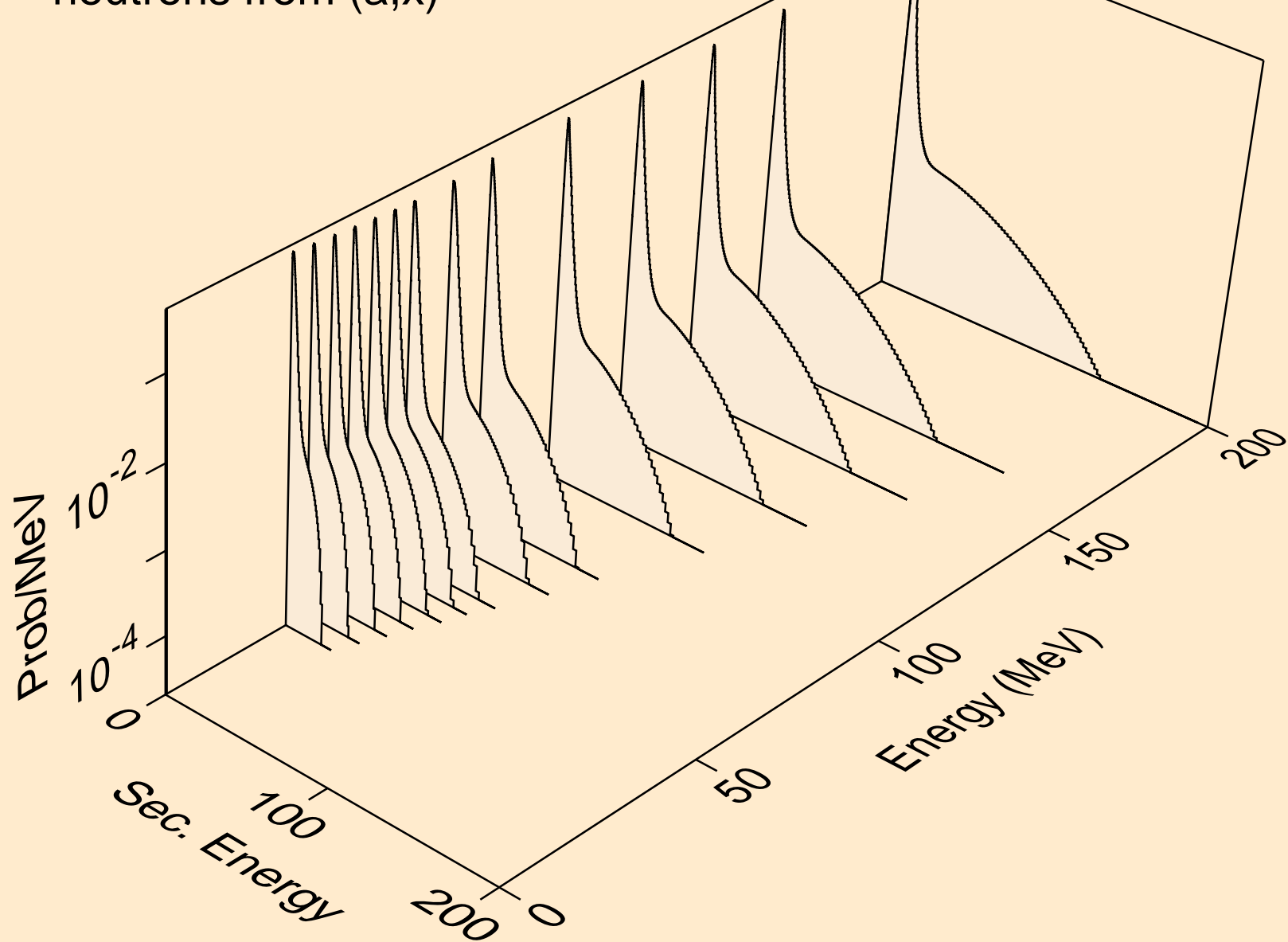
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

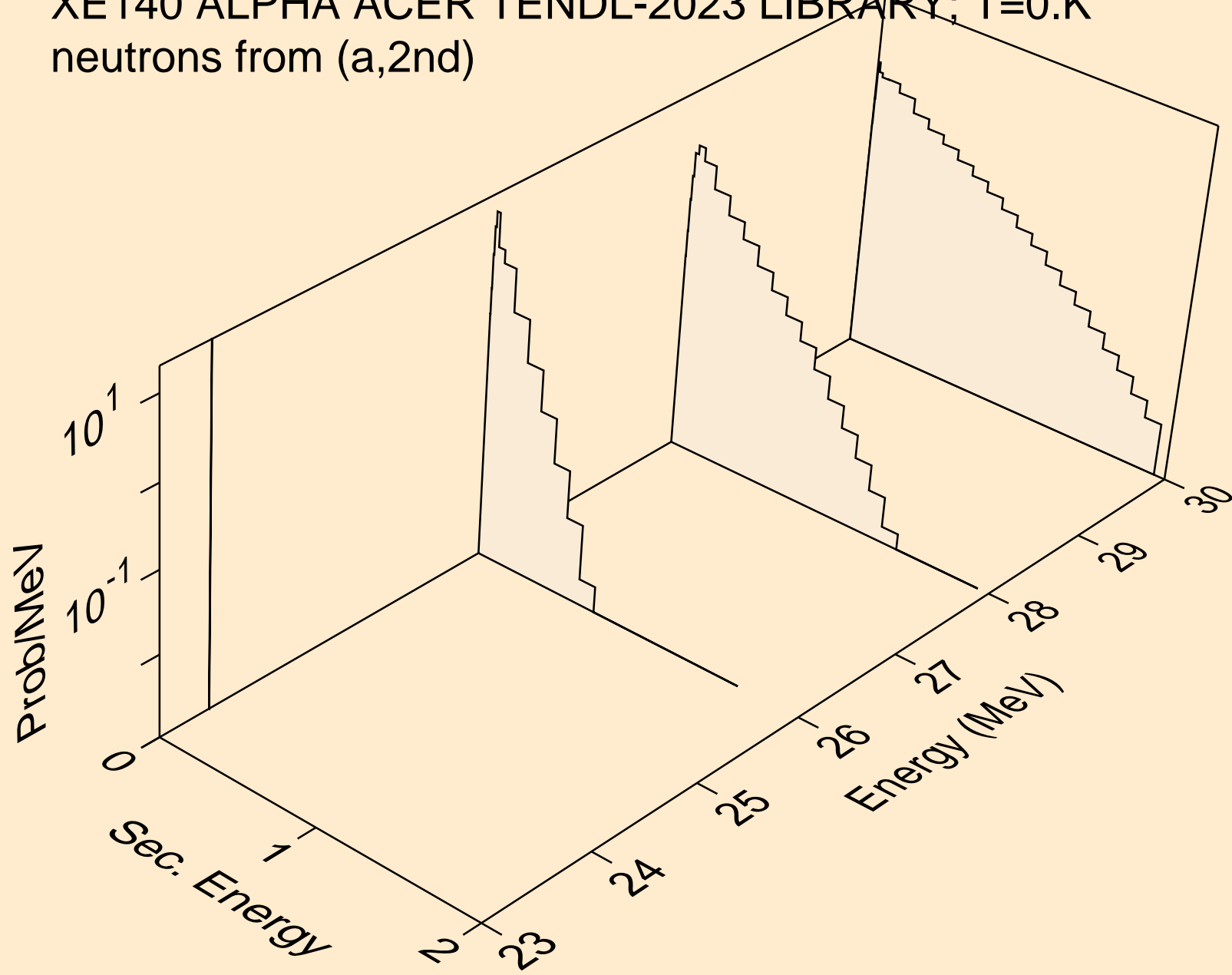


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

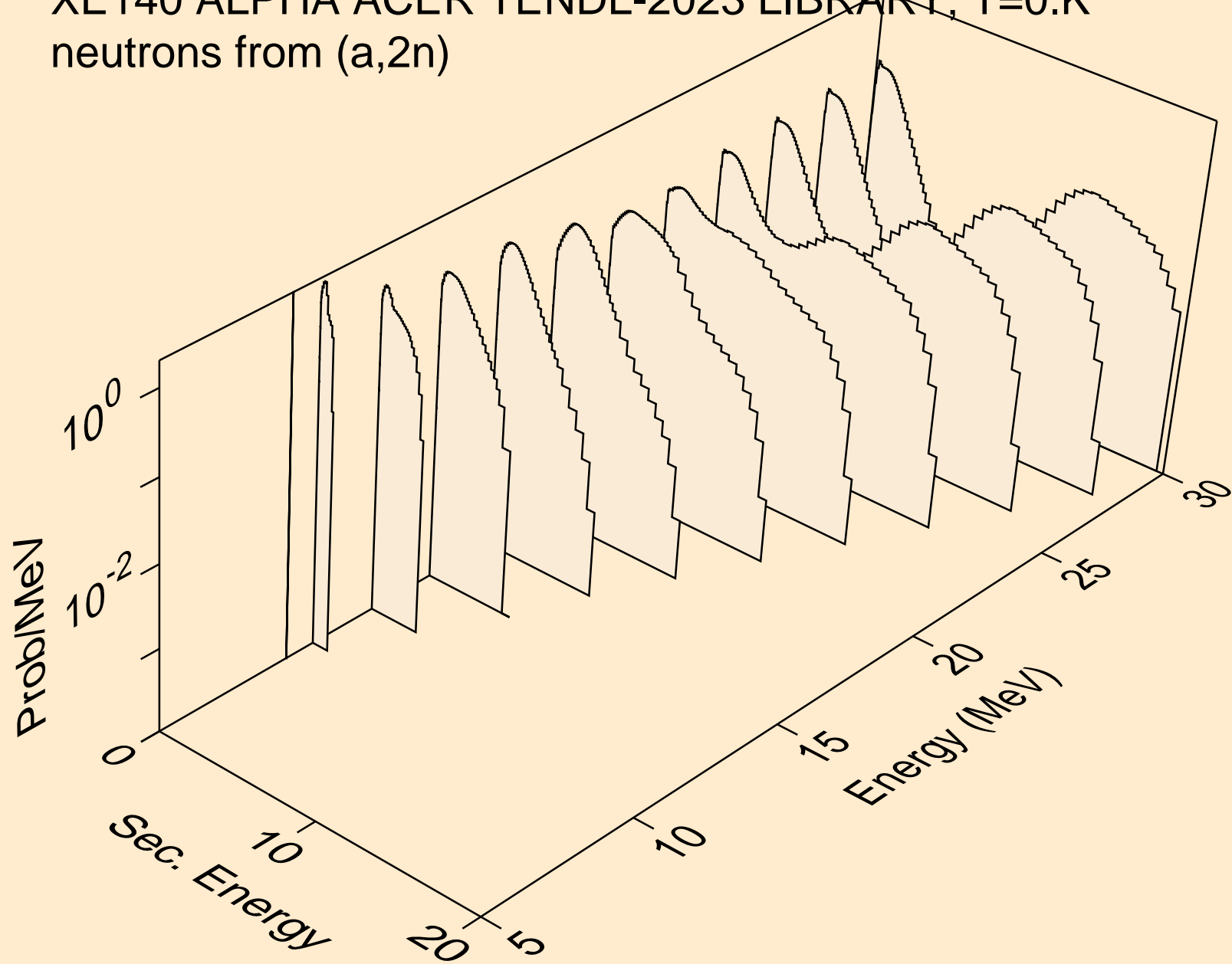




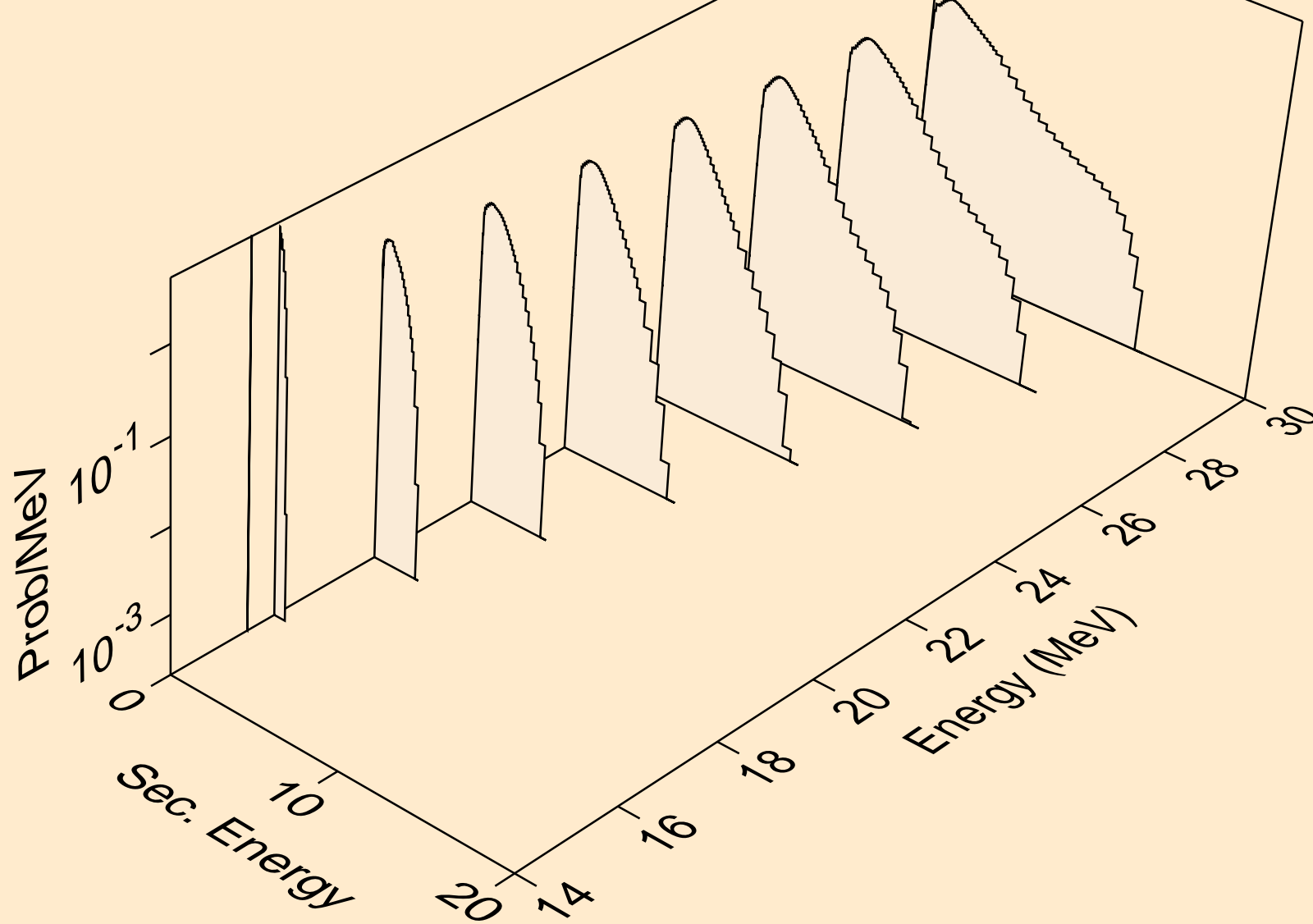
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



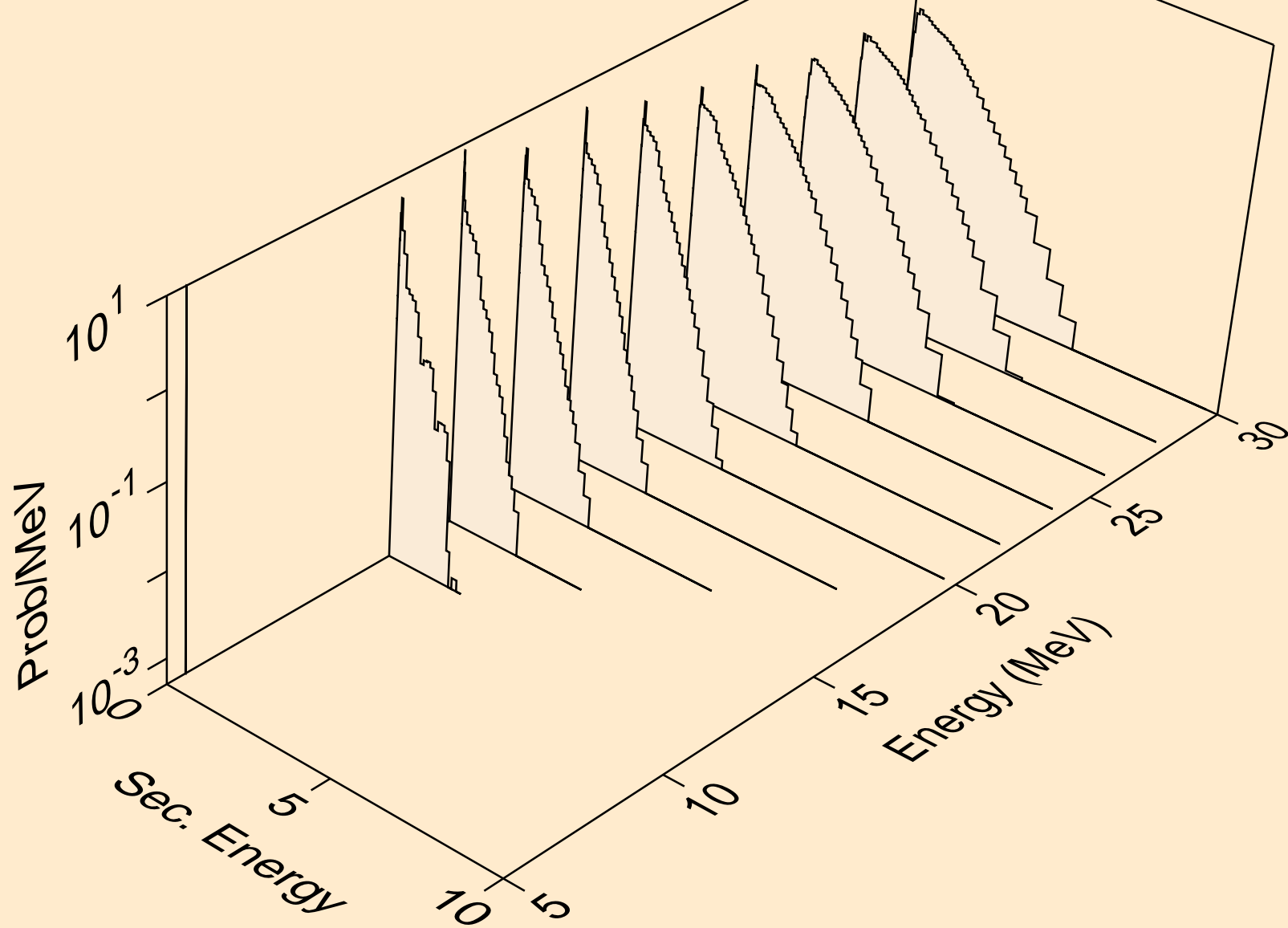
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neutrons from (a,2n)



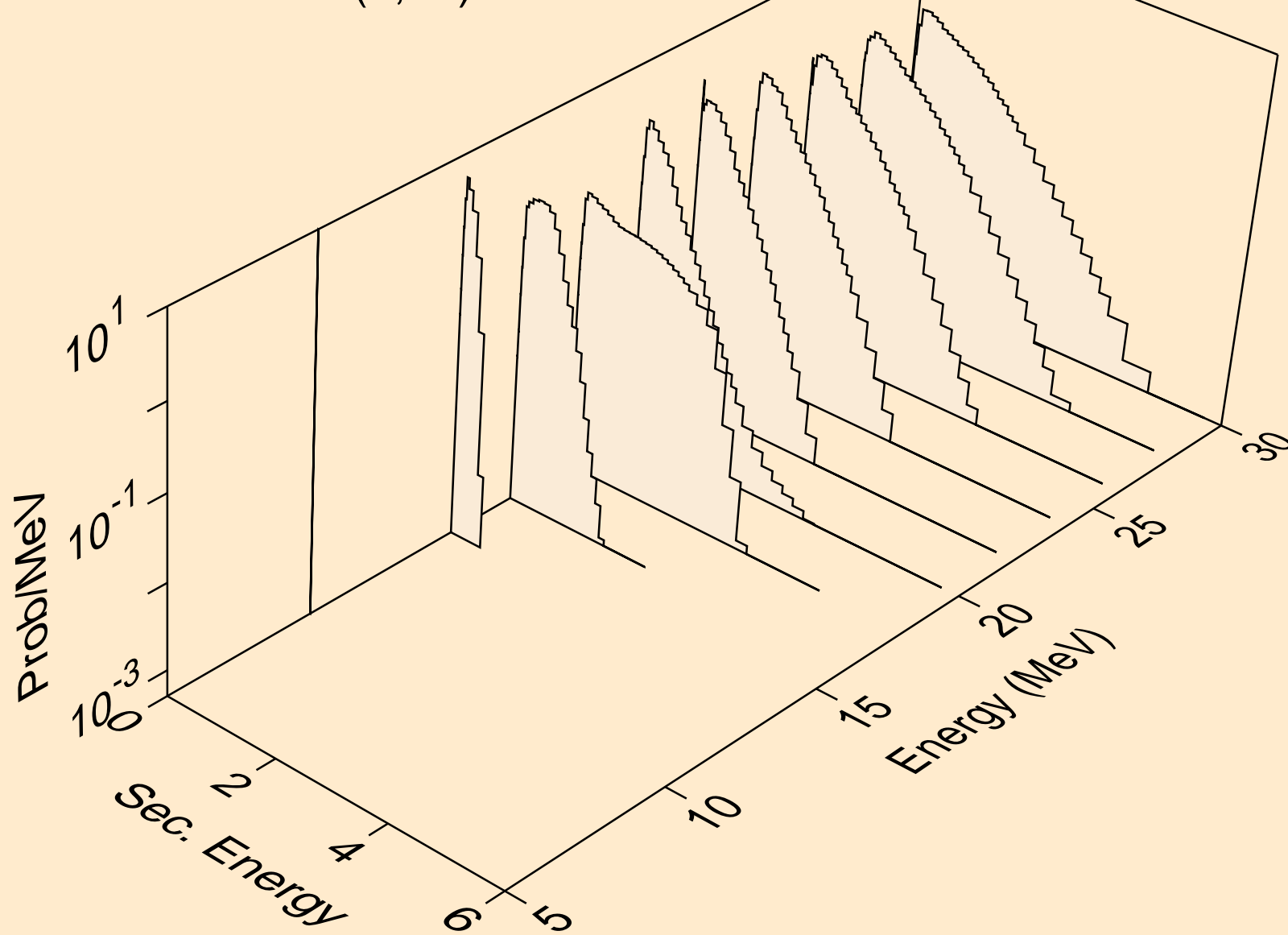
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



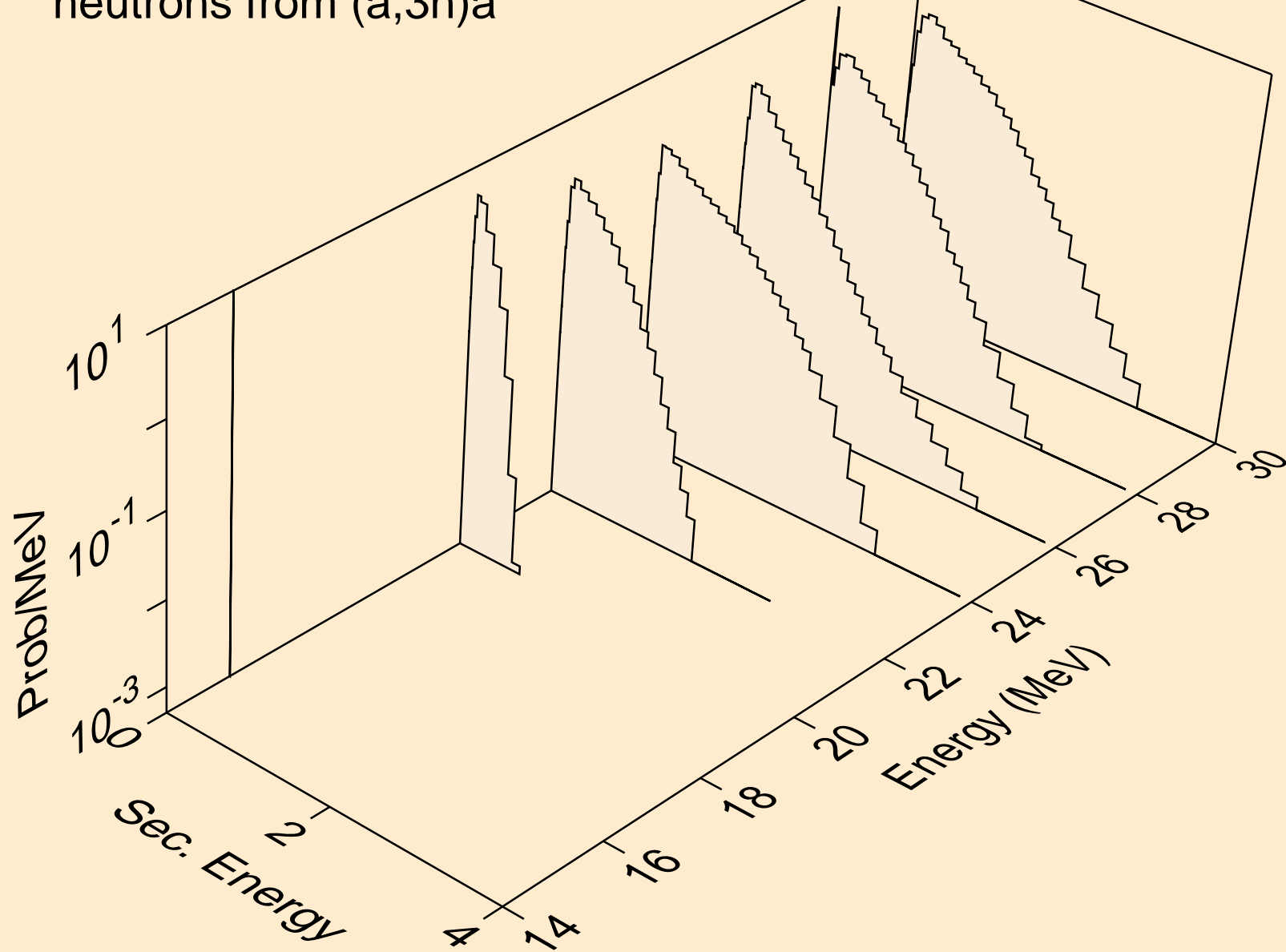
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



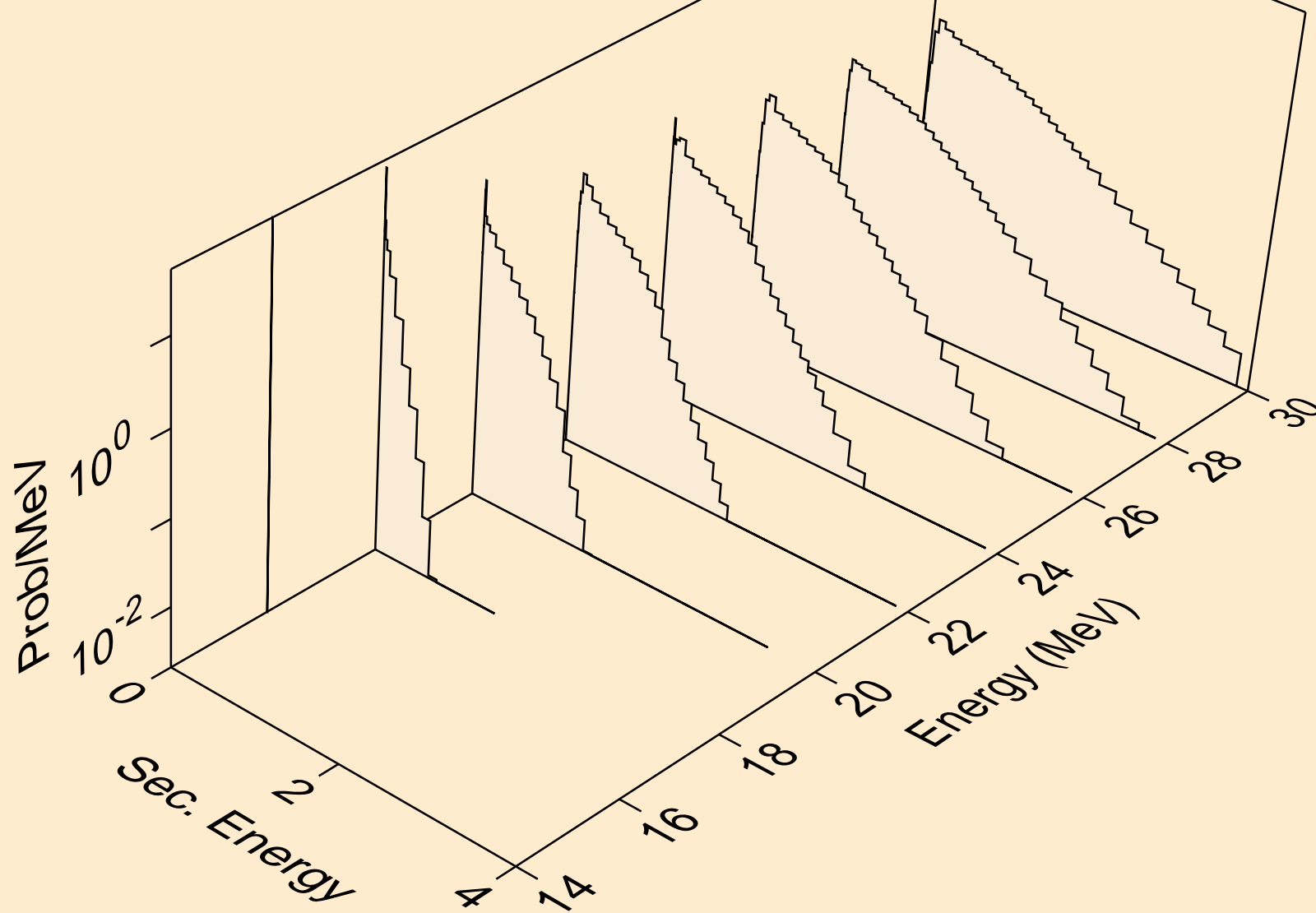
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



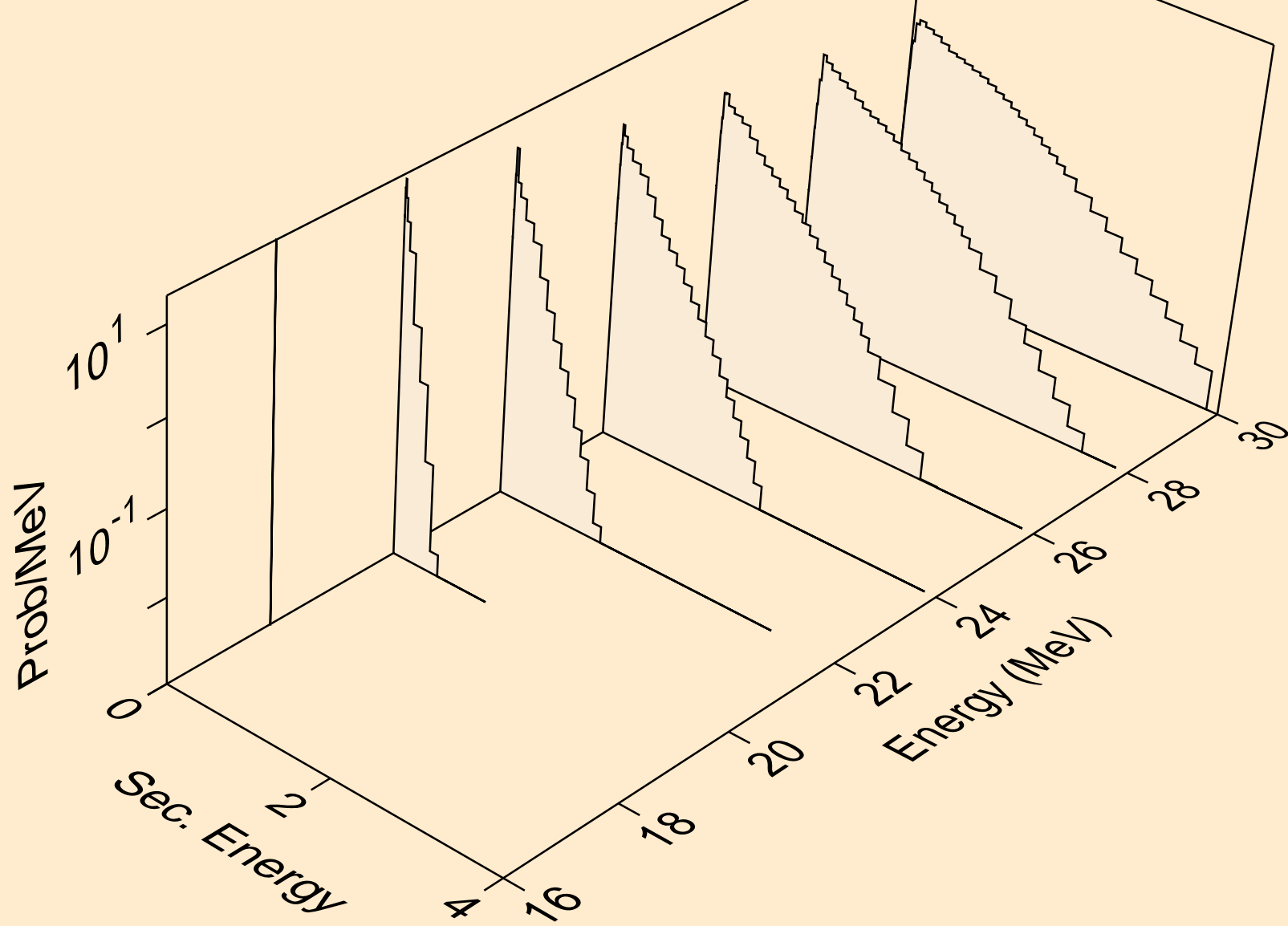
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neutrons from (a,3n)a



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

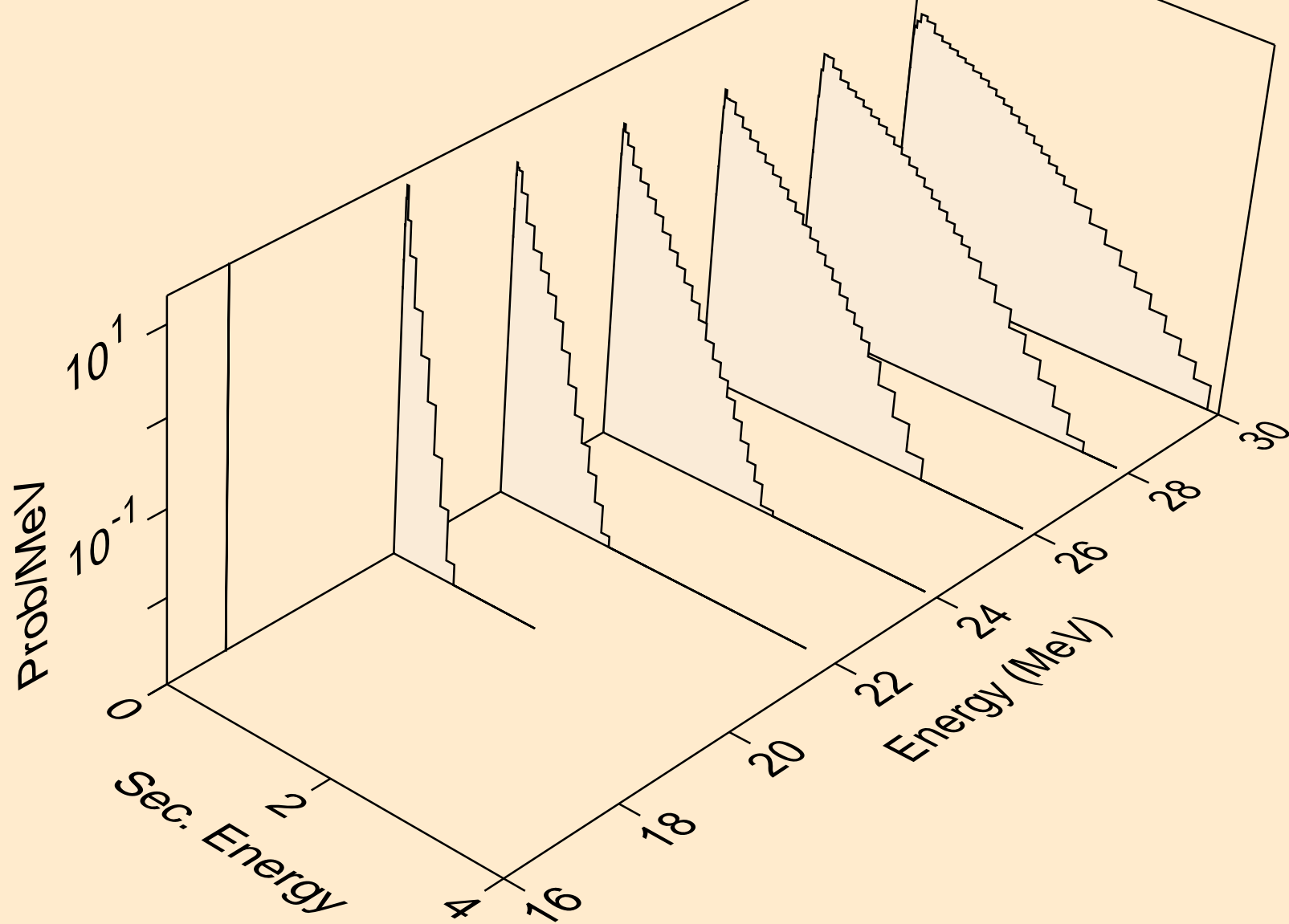


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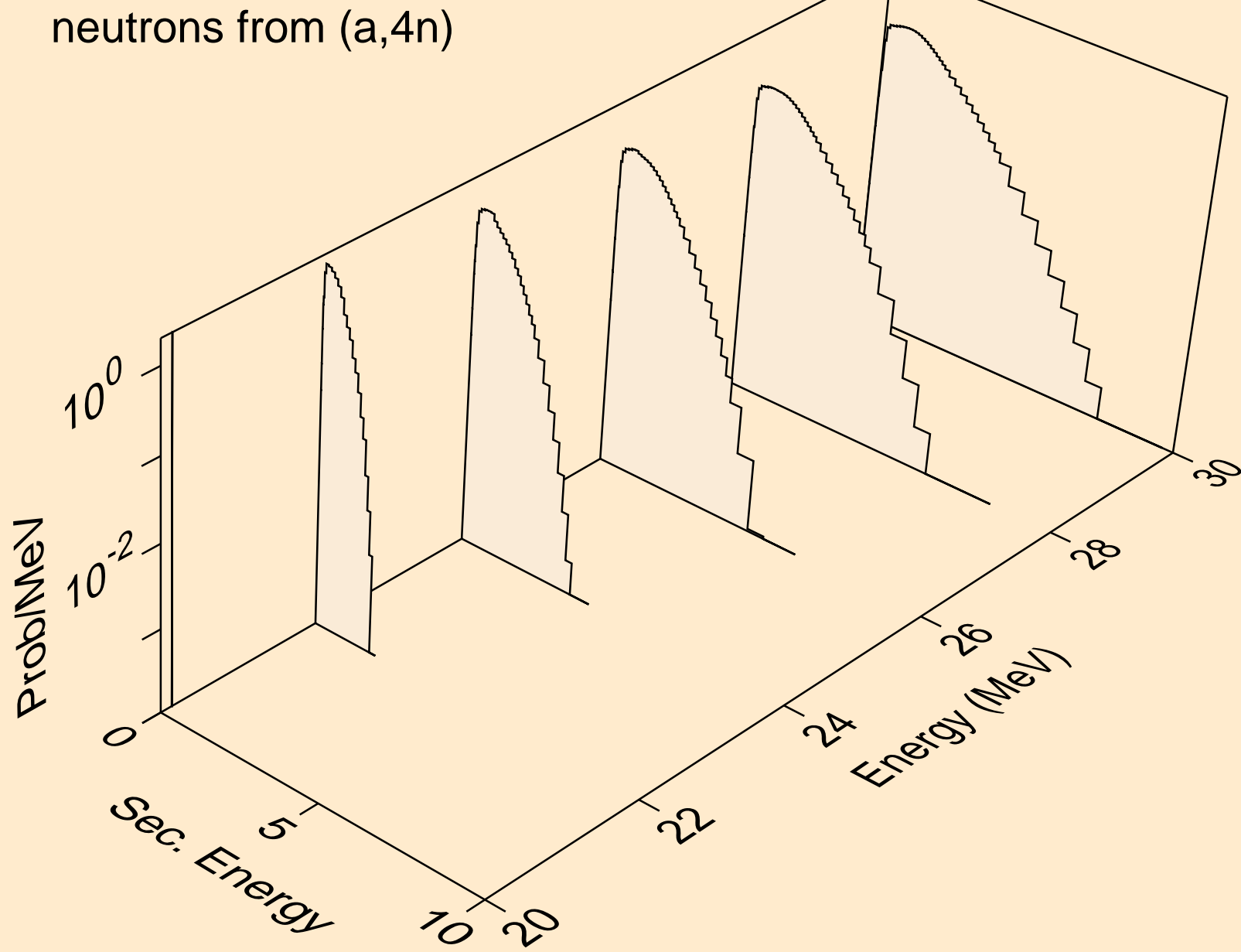




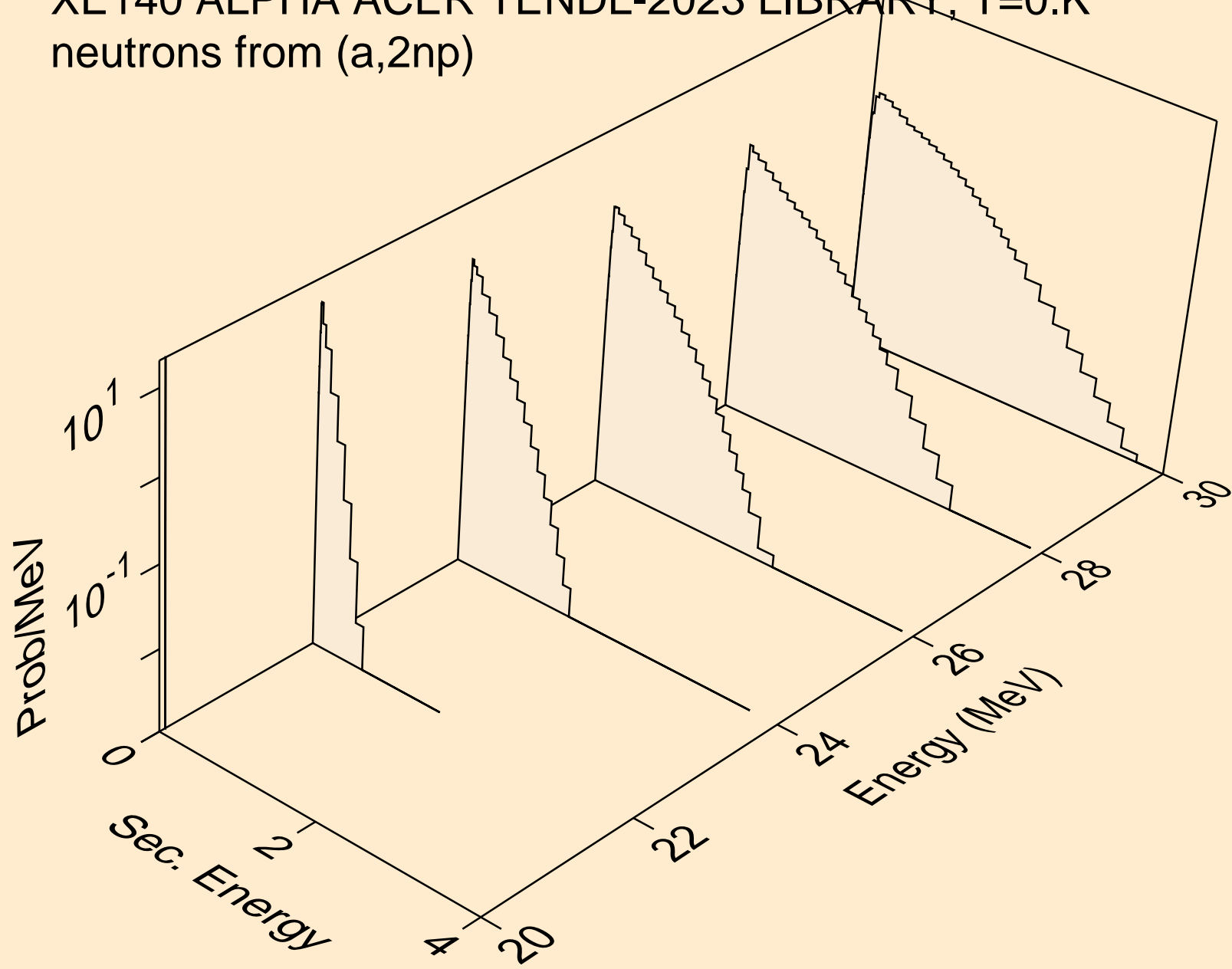
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neutrons from (a,n\*)t



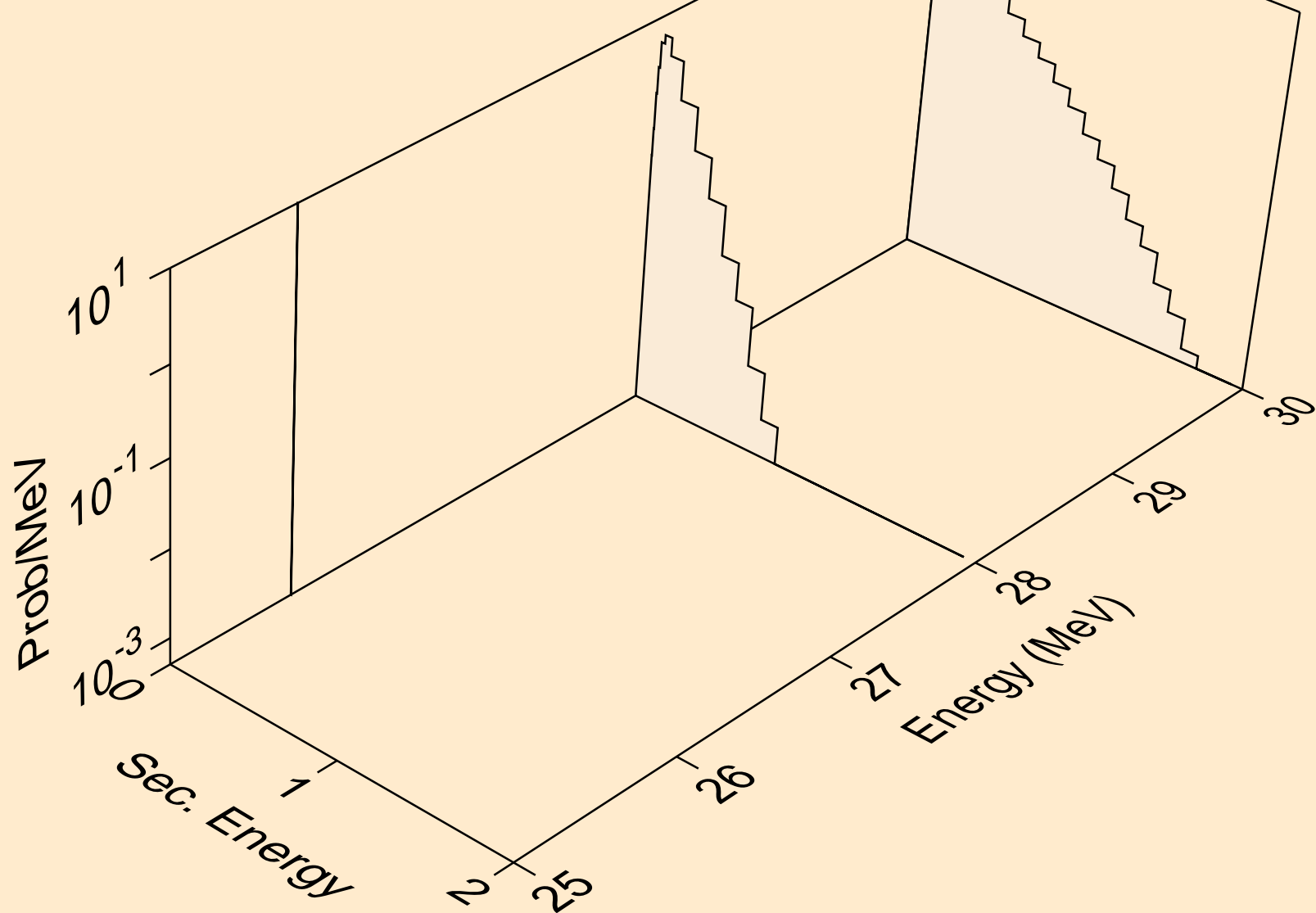
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neutrons from (a,4n)



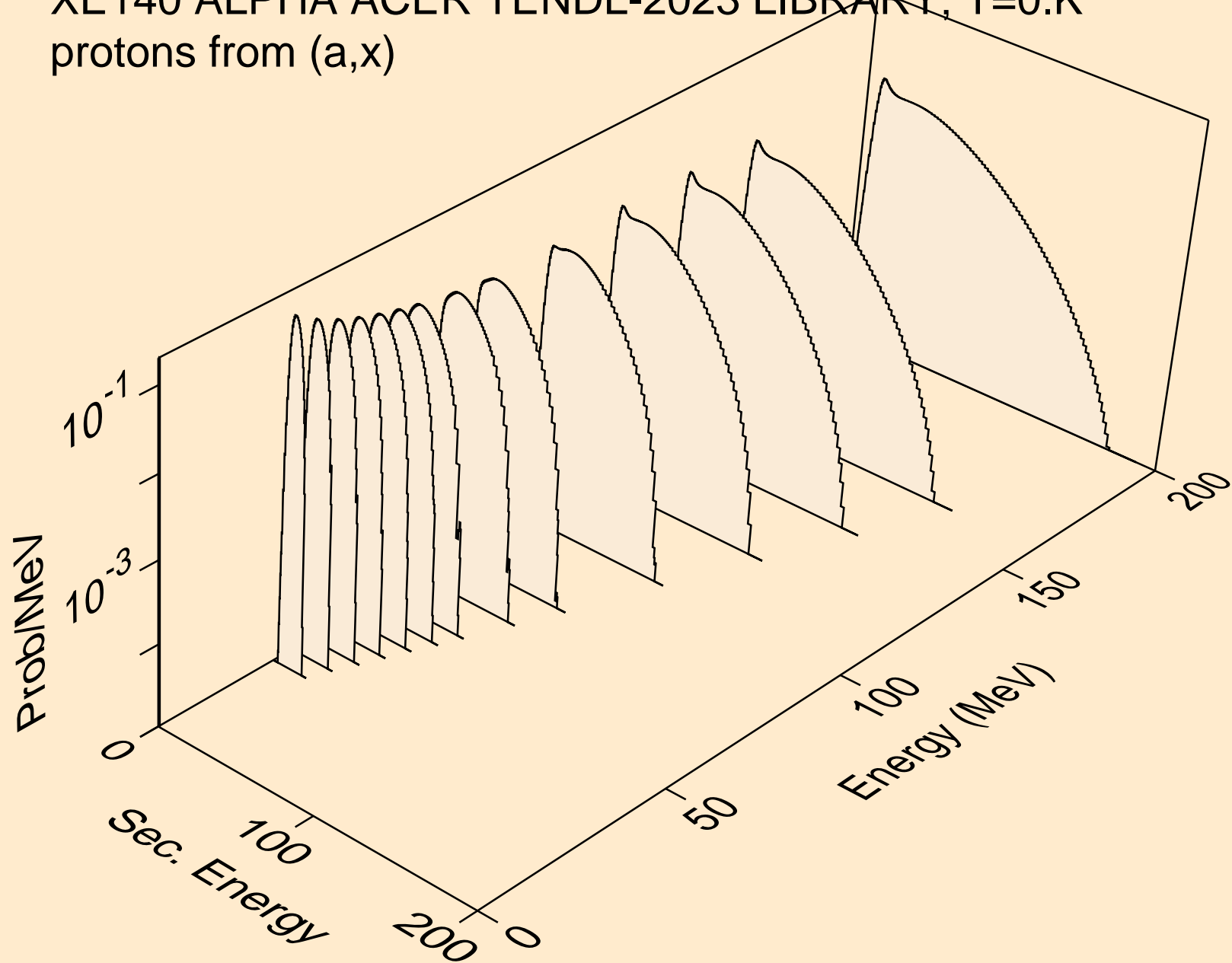
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neutrons from (a,2np)



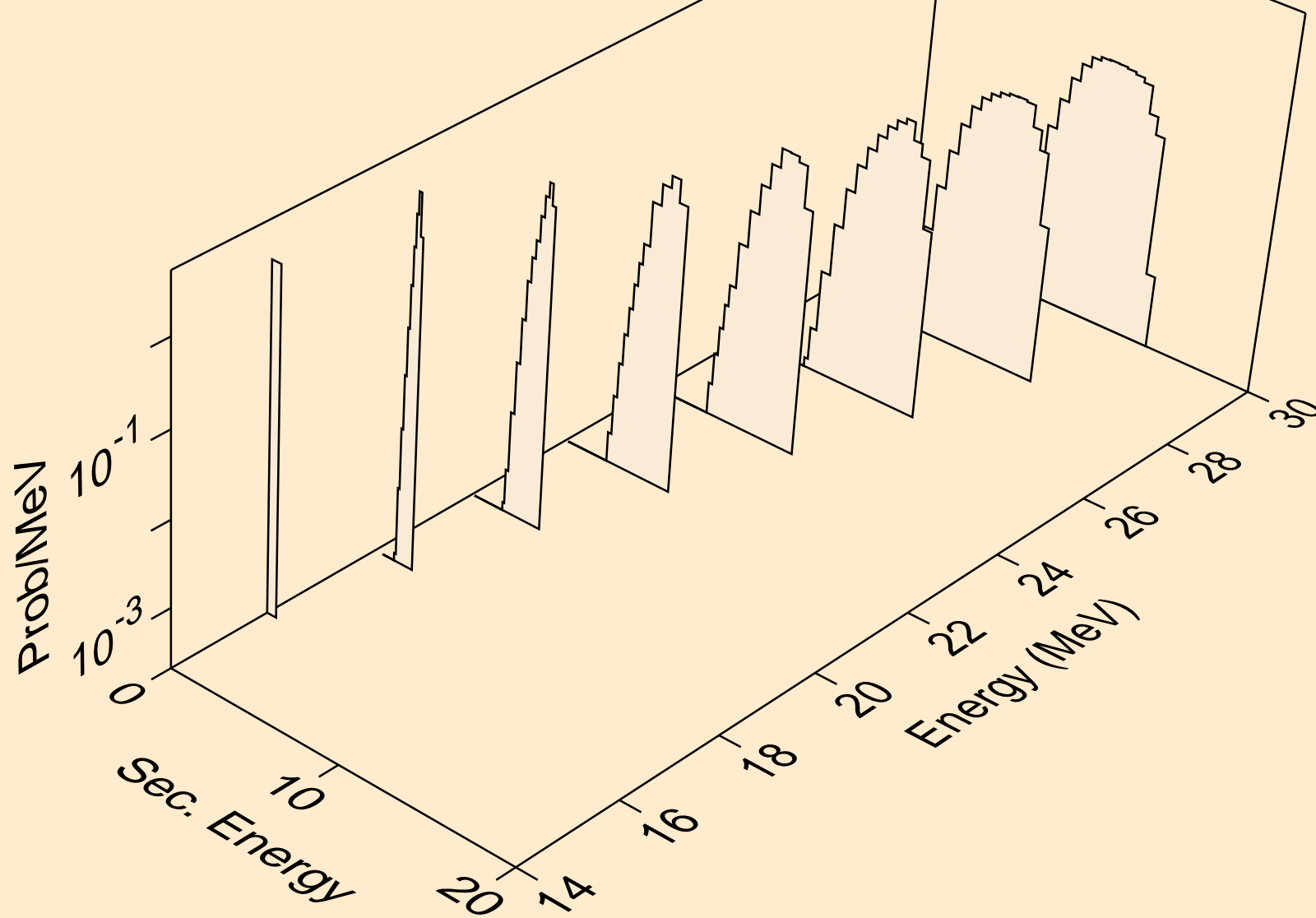
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neutrons from (a,3np)



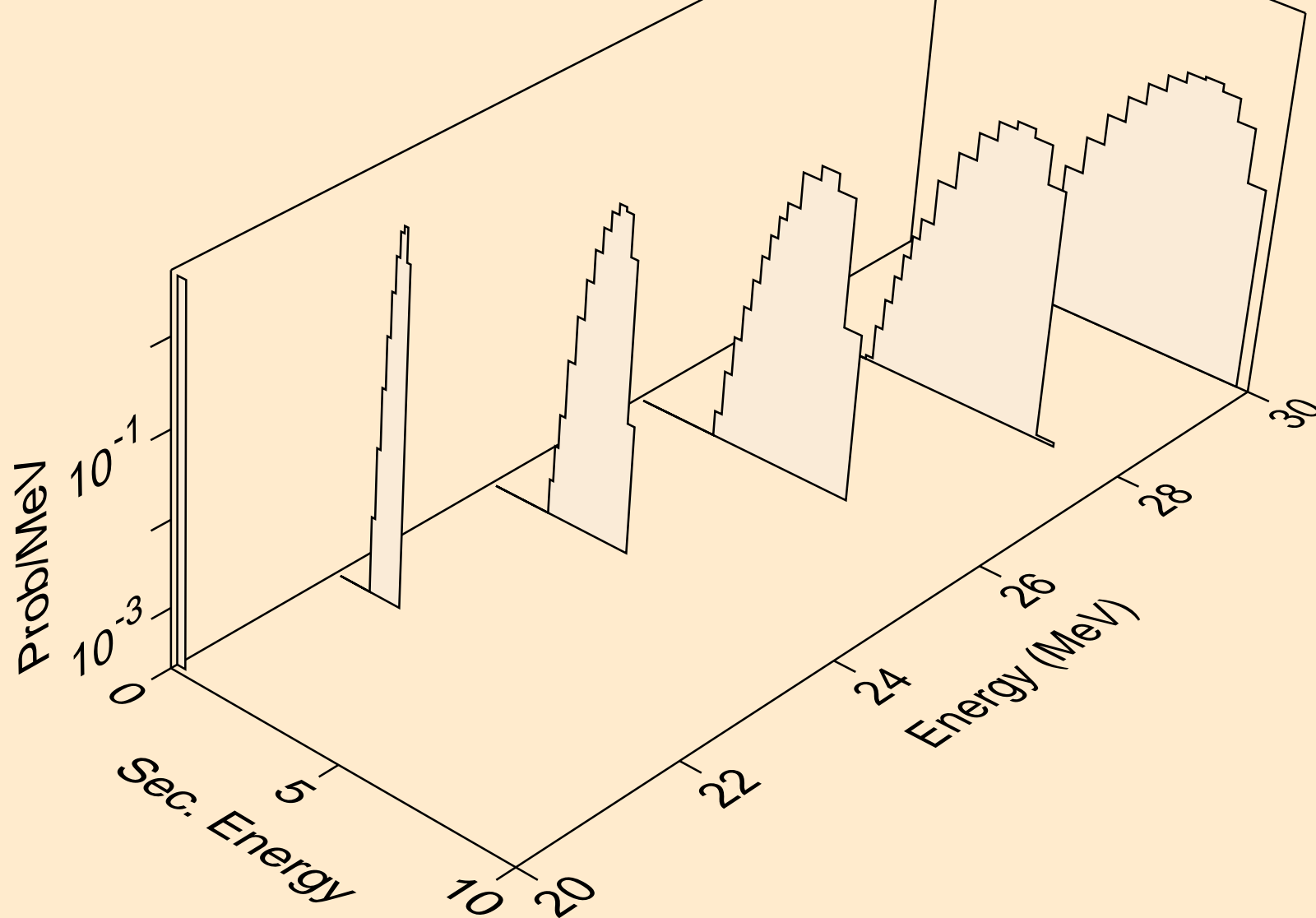
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protons from (a,x)



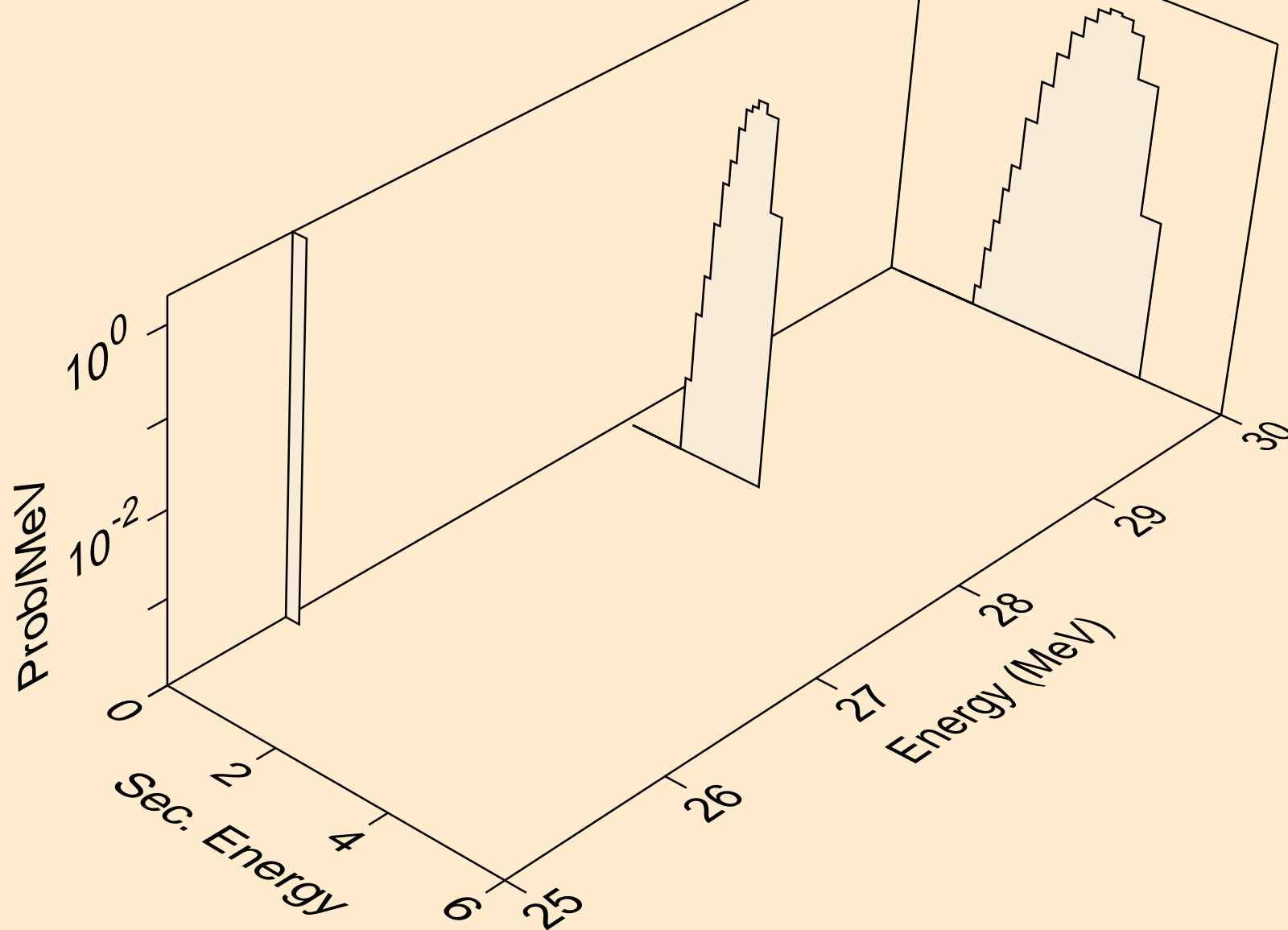
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

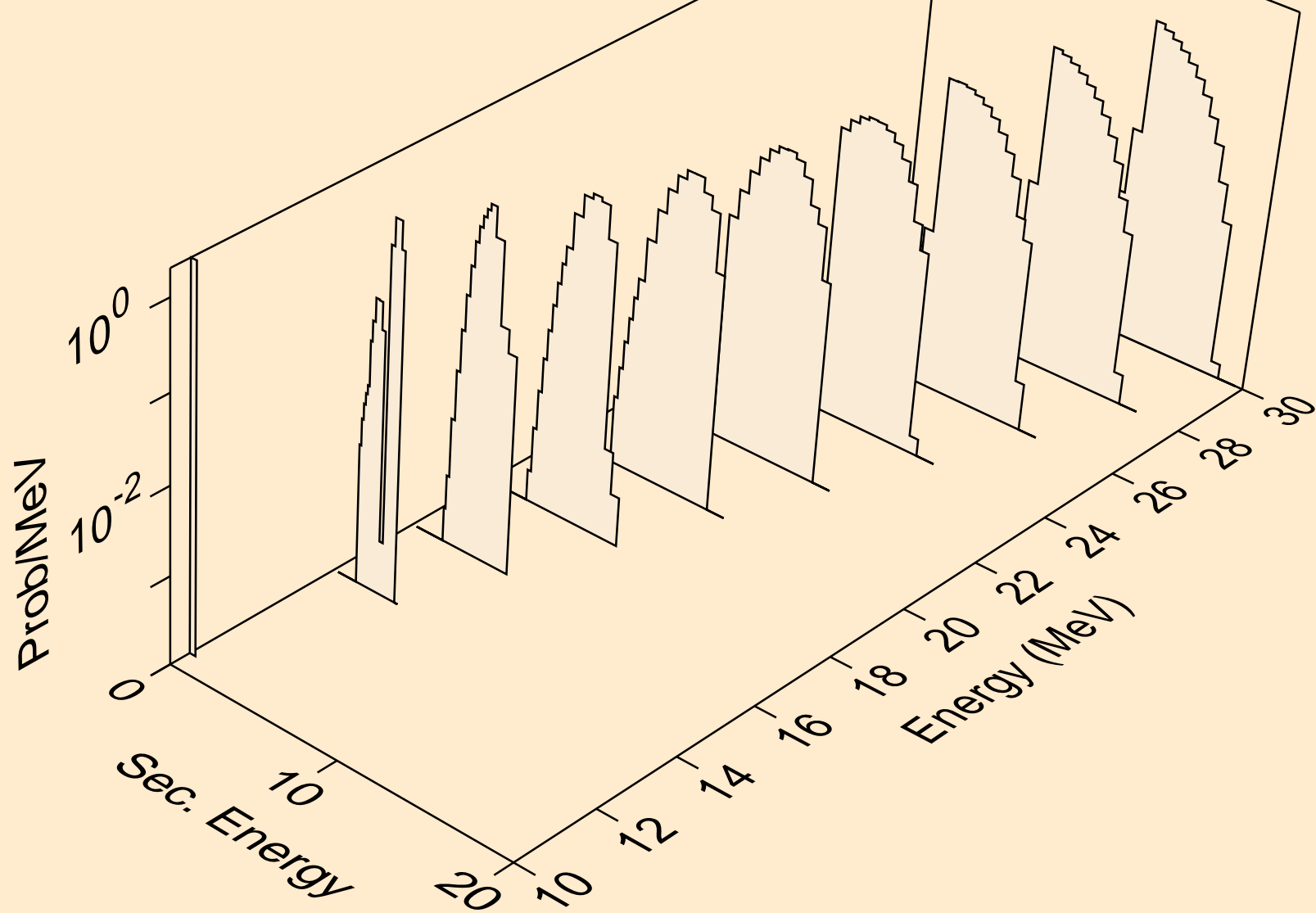


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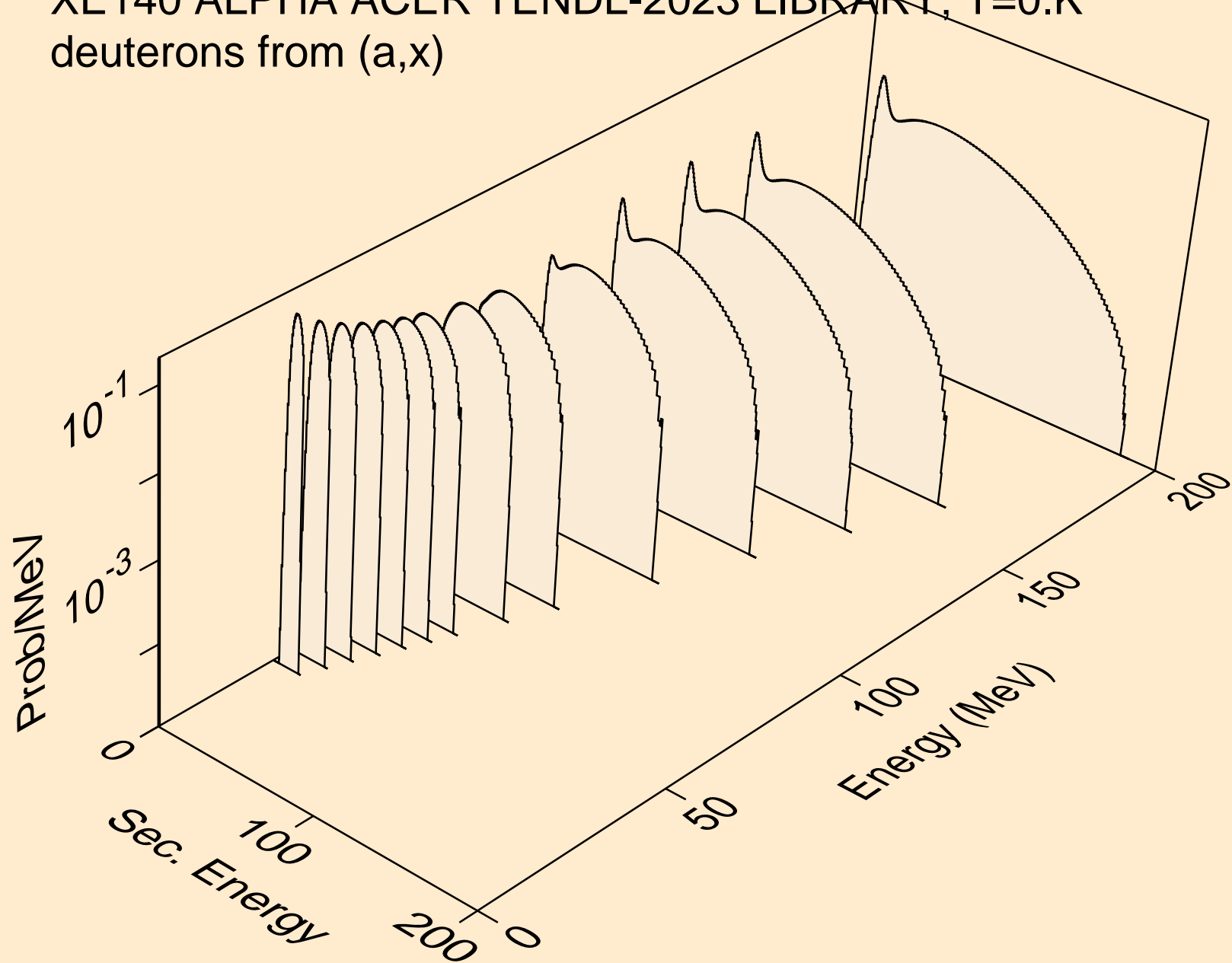




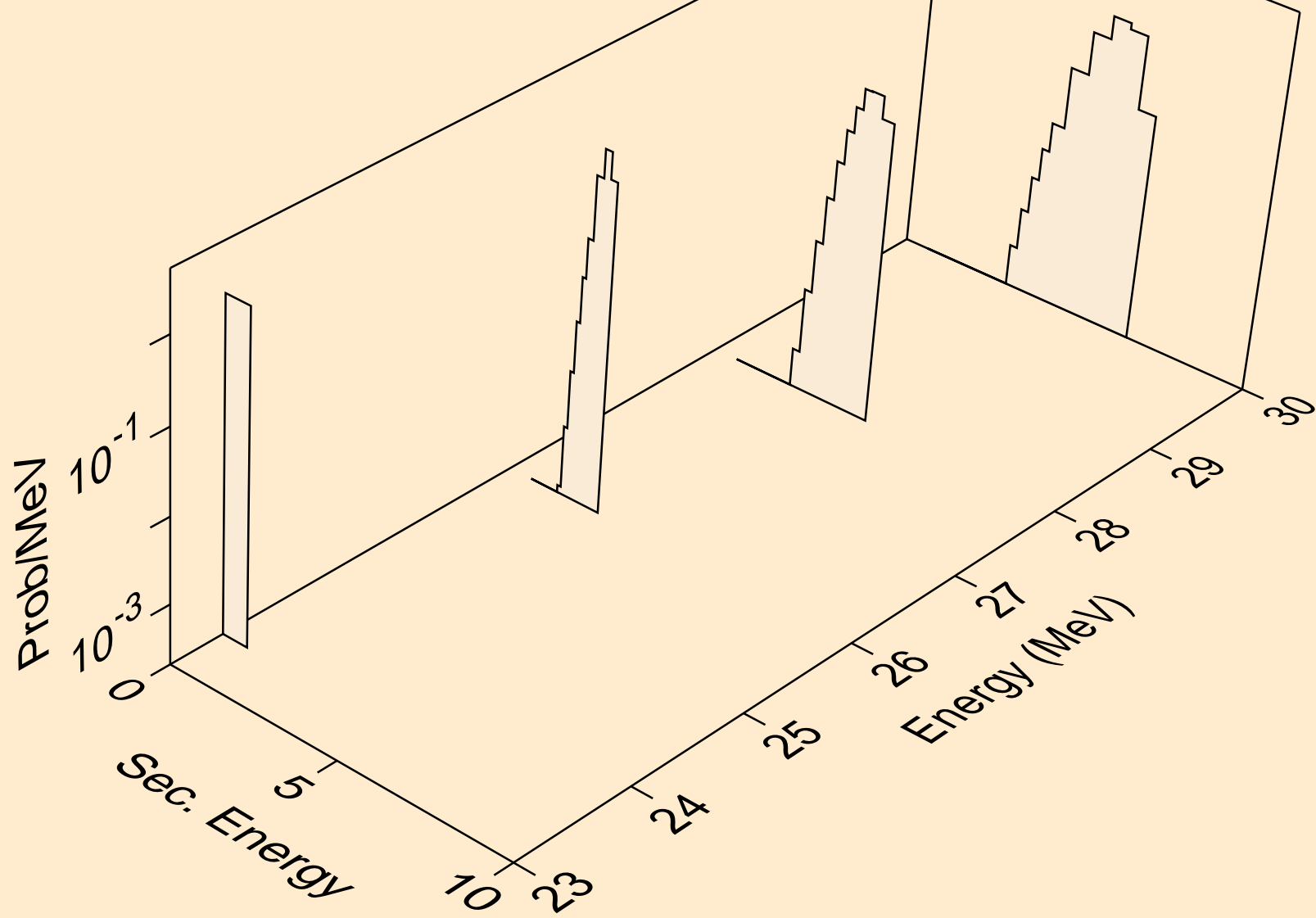
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



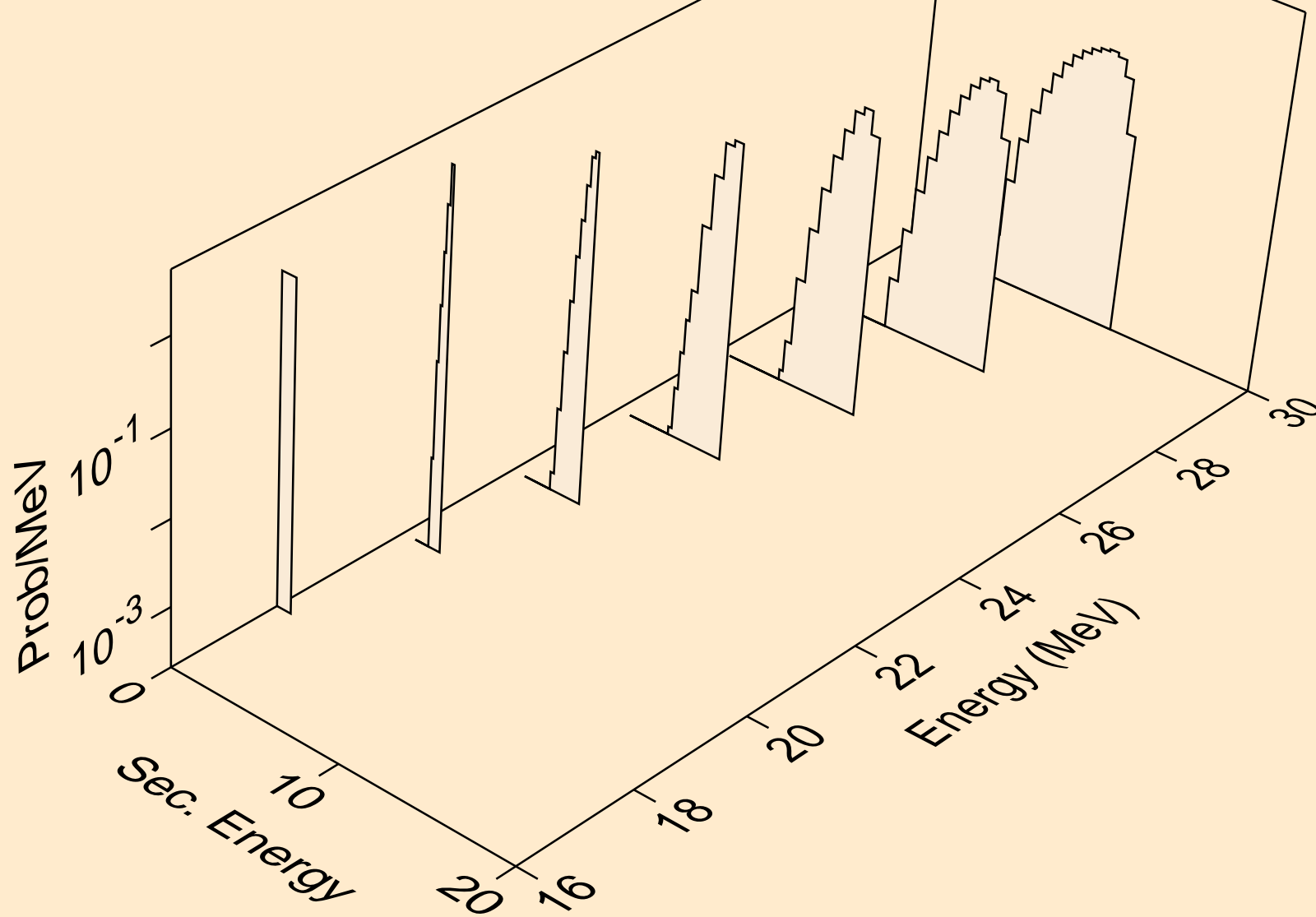
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



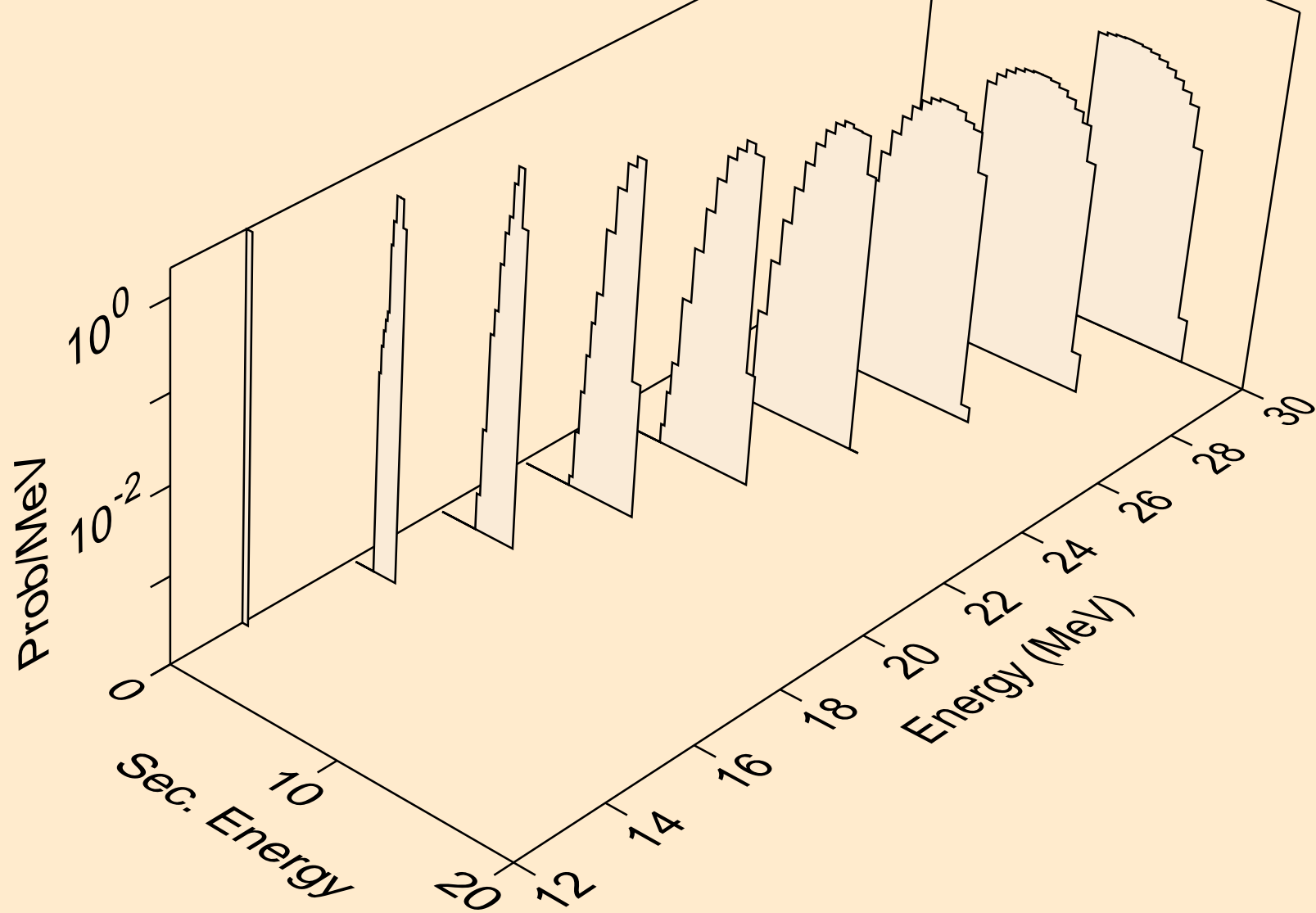
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



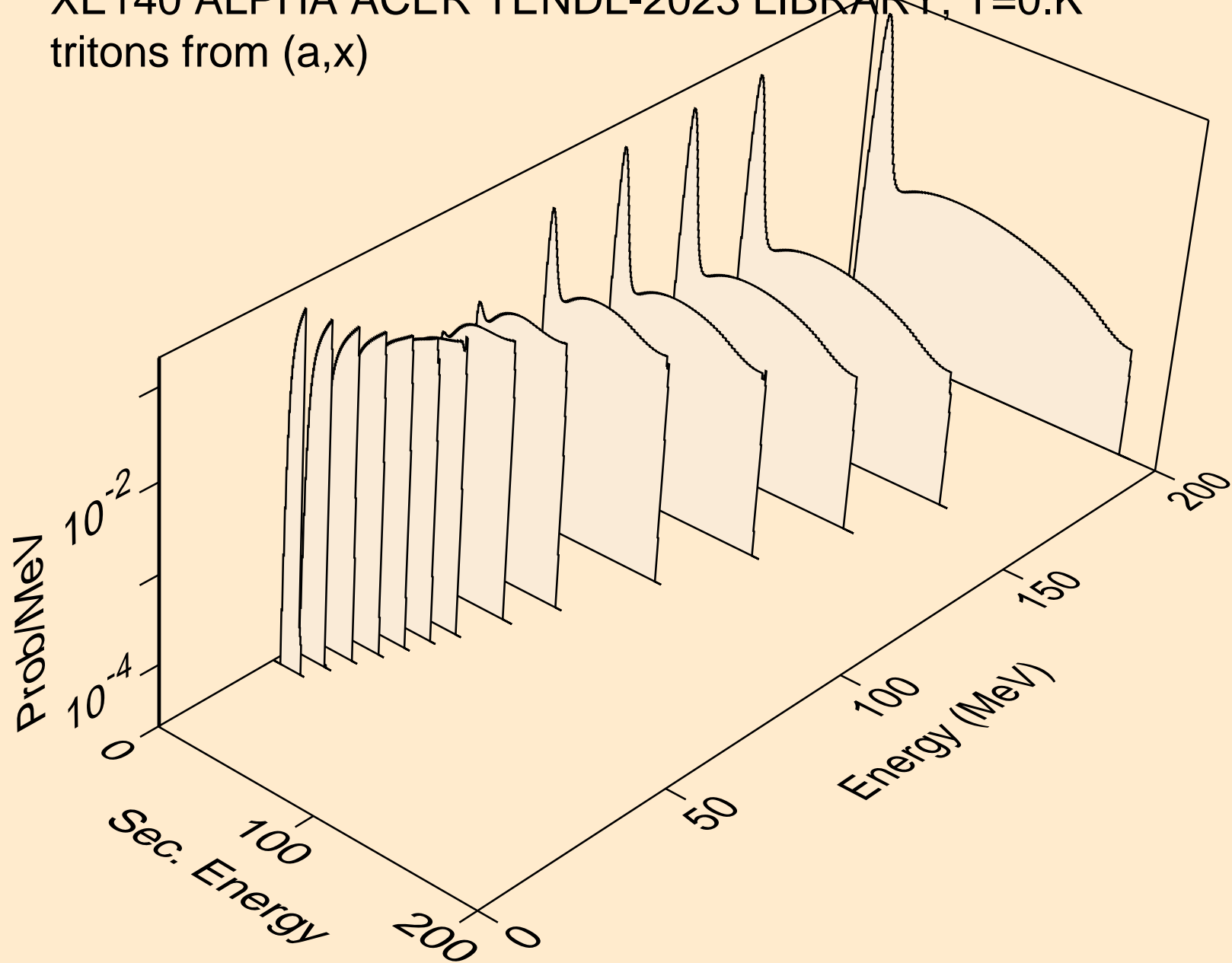
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



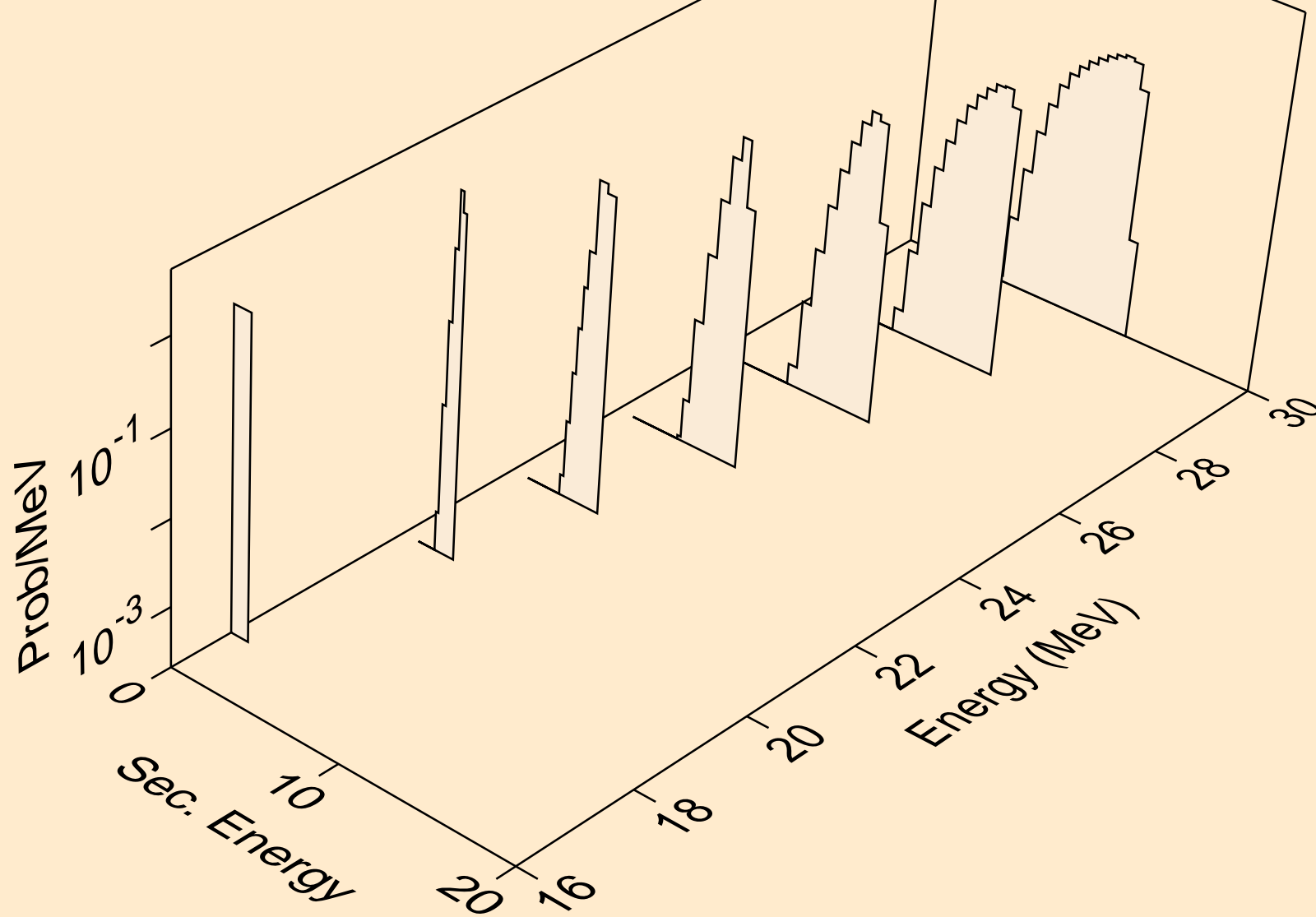
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



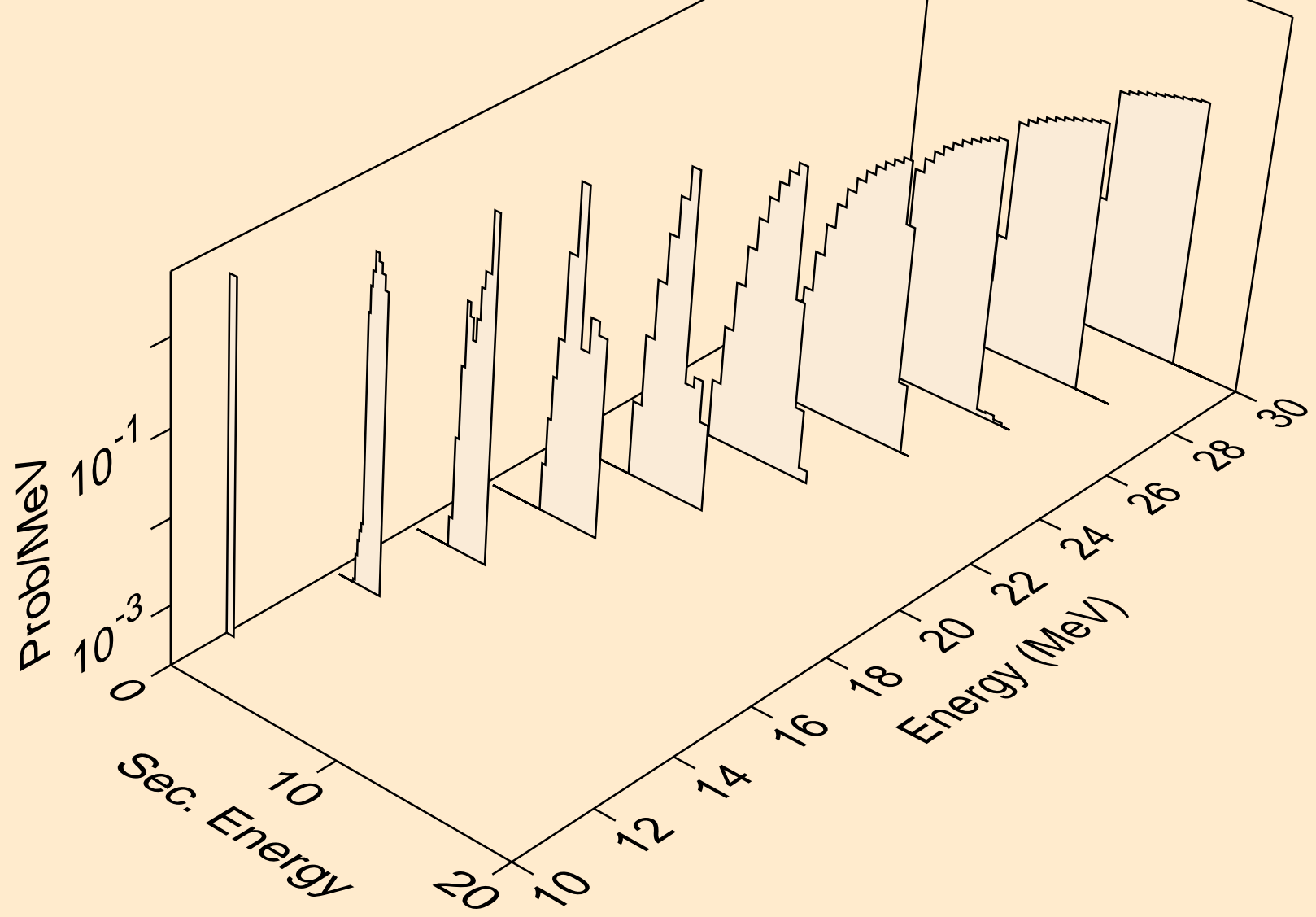
XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

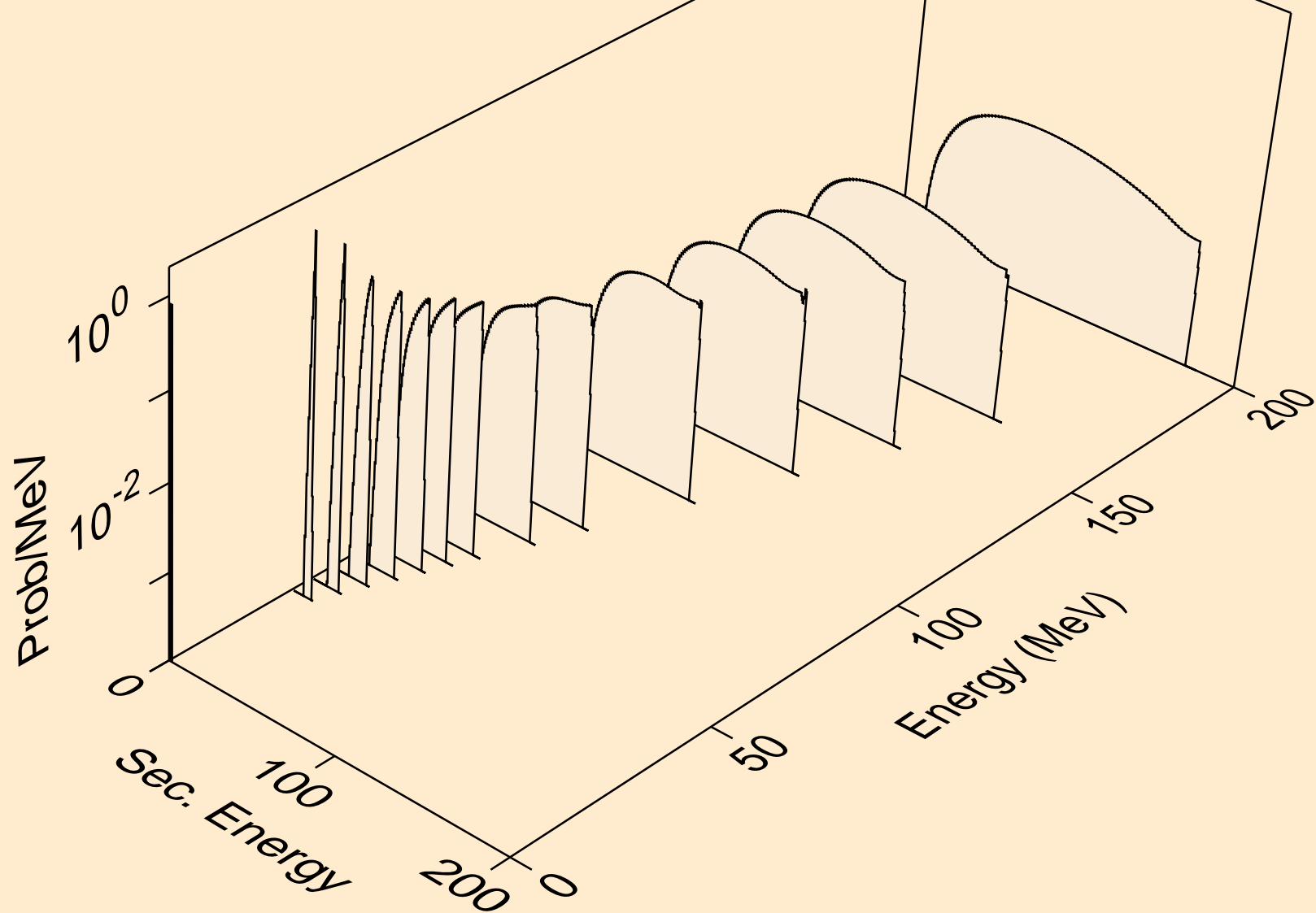


XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



XE140 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

