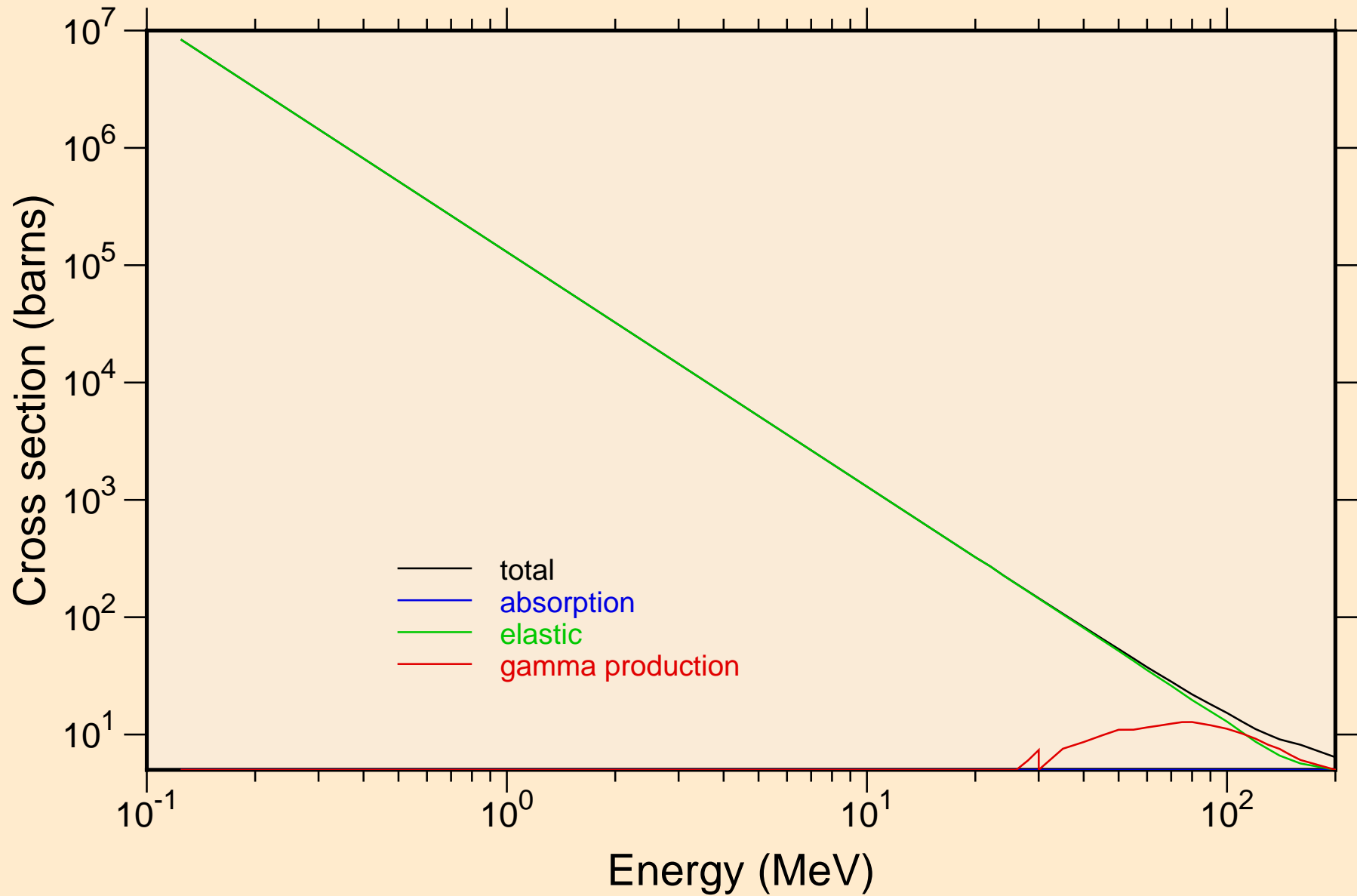


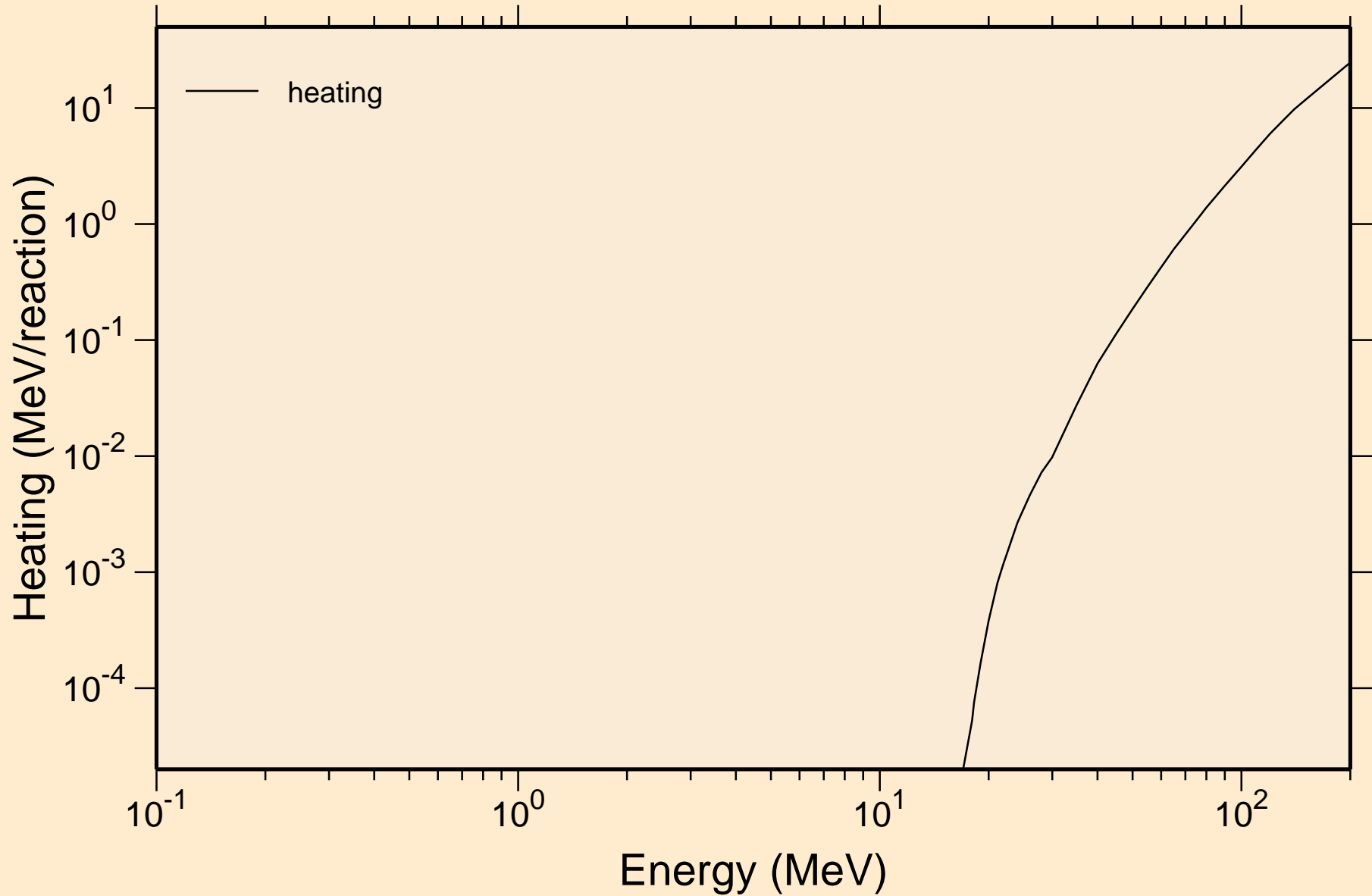
# LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



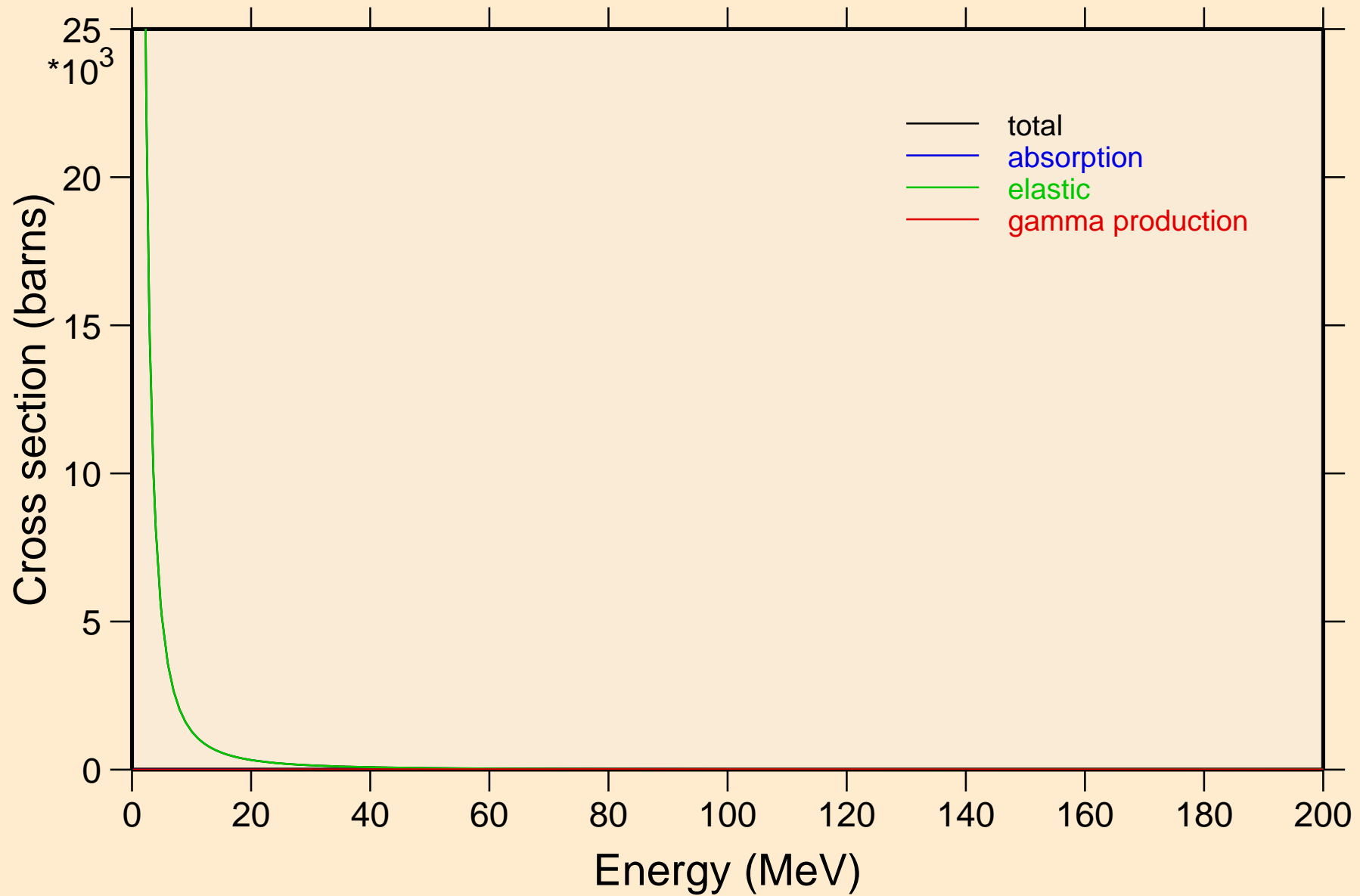
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



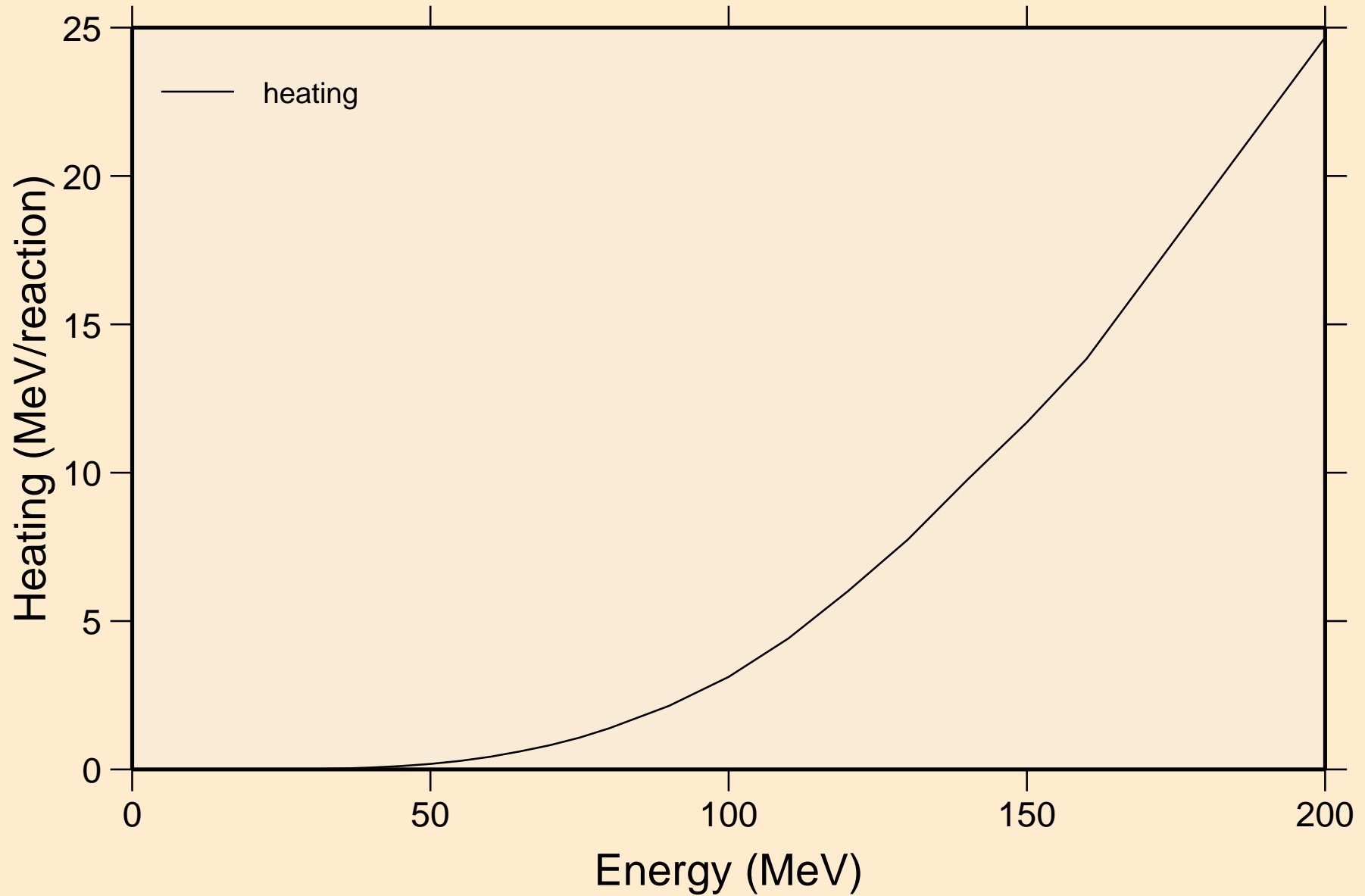
# LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

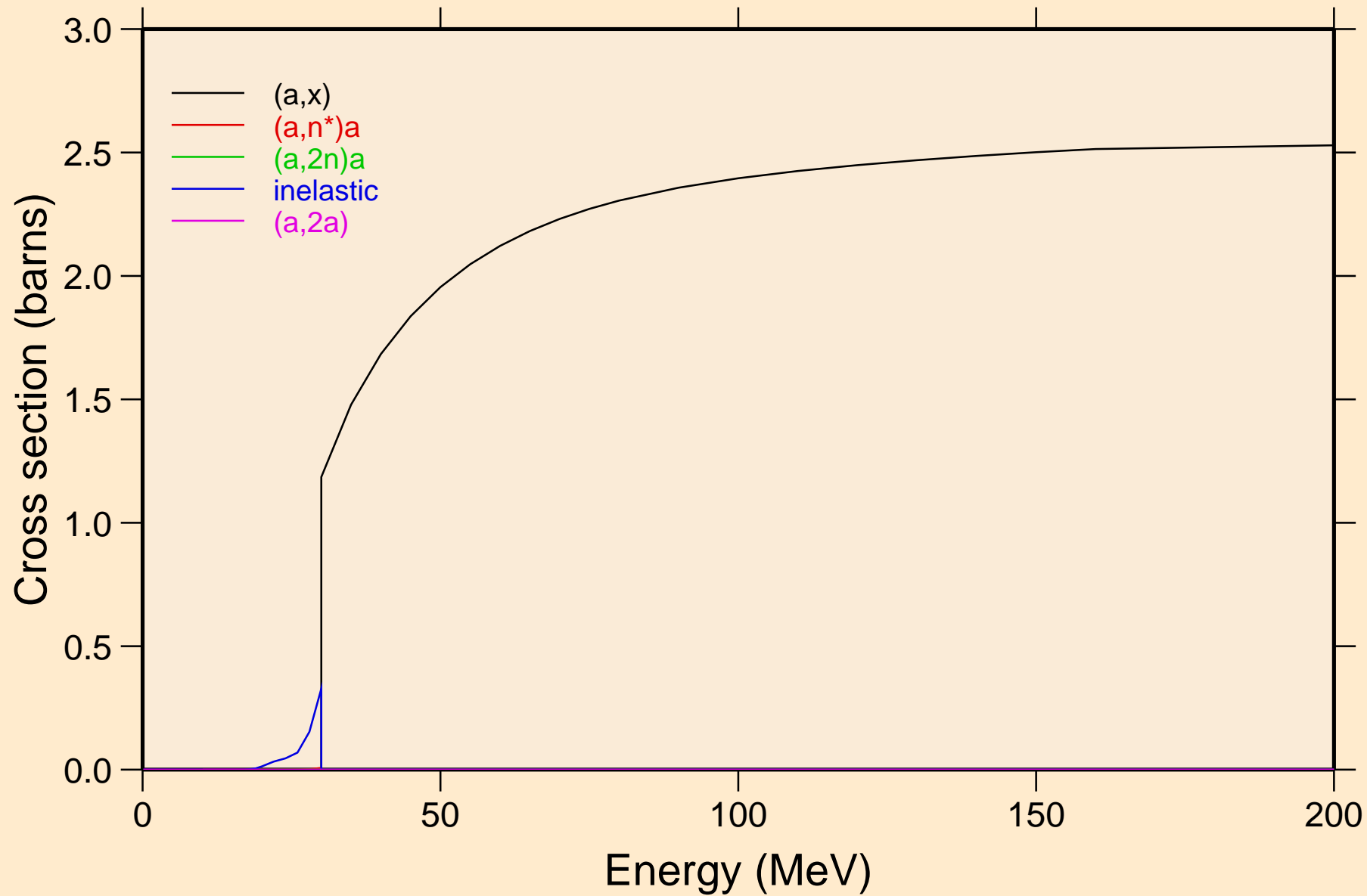


LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

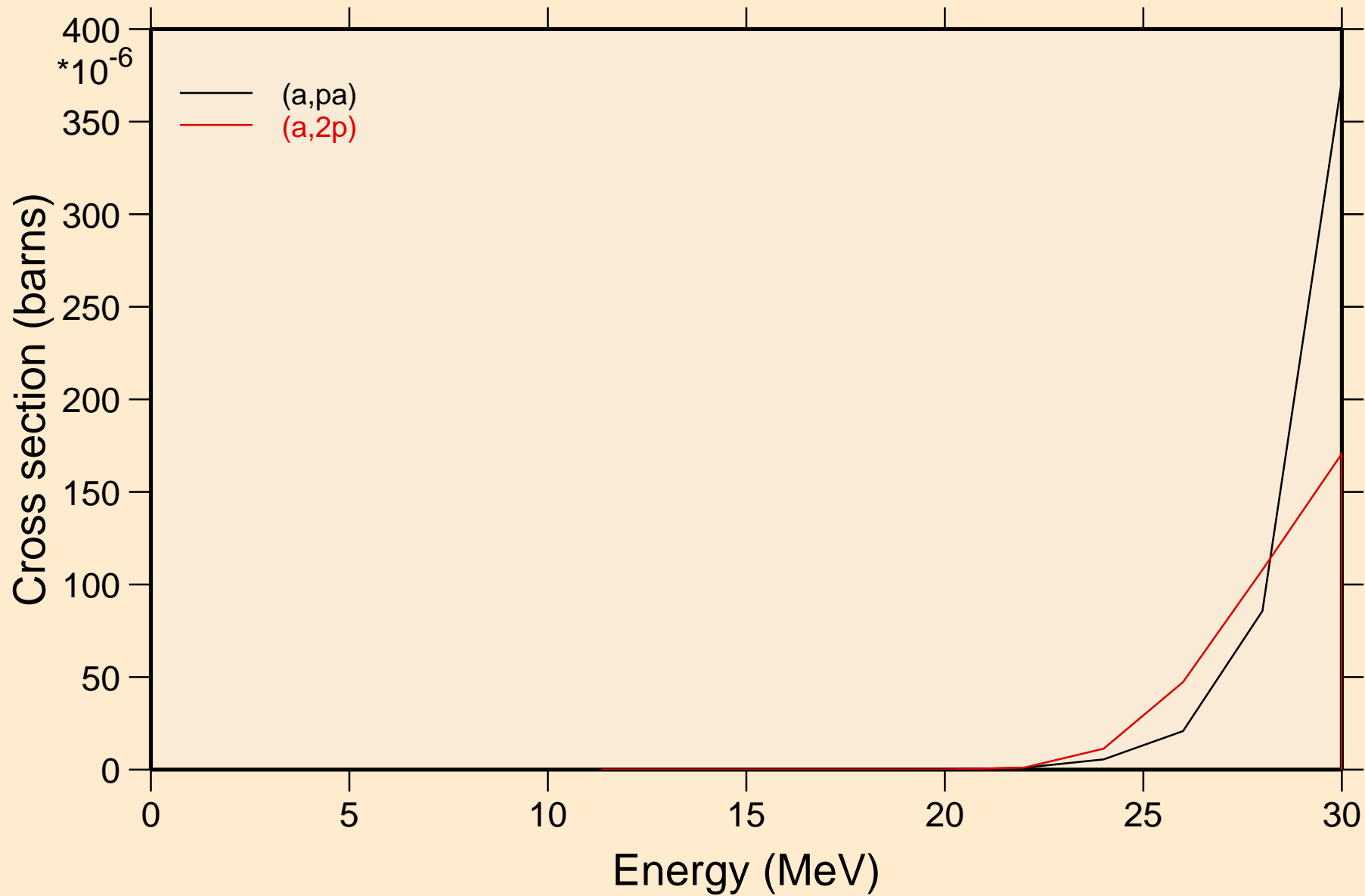
Heating



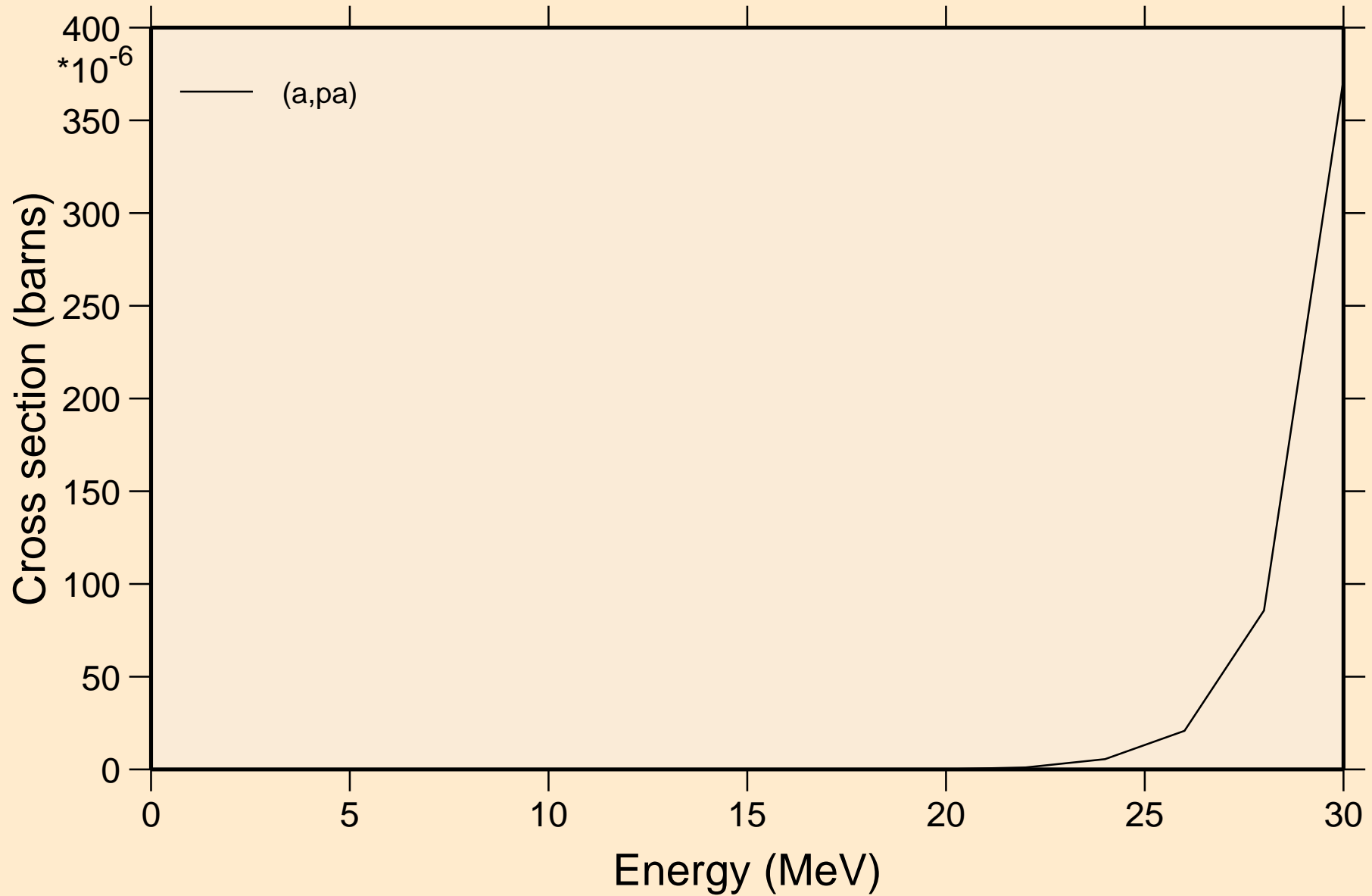
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Threshold reactions



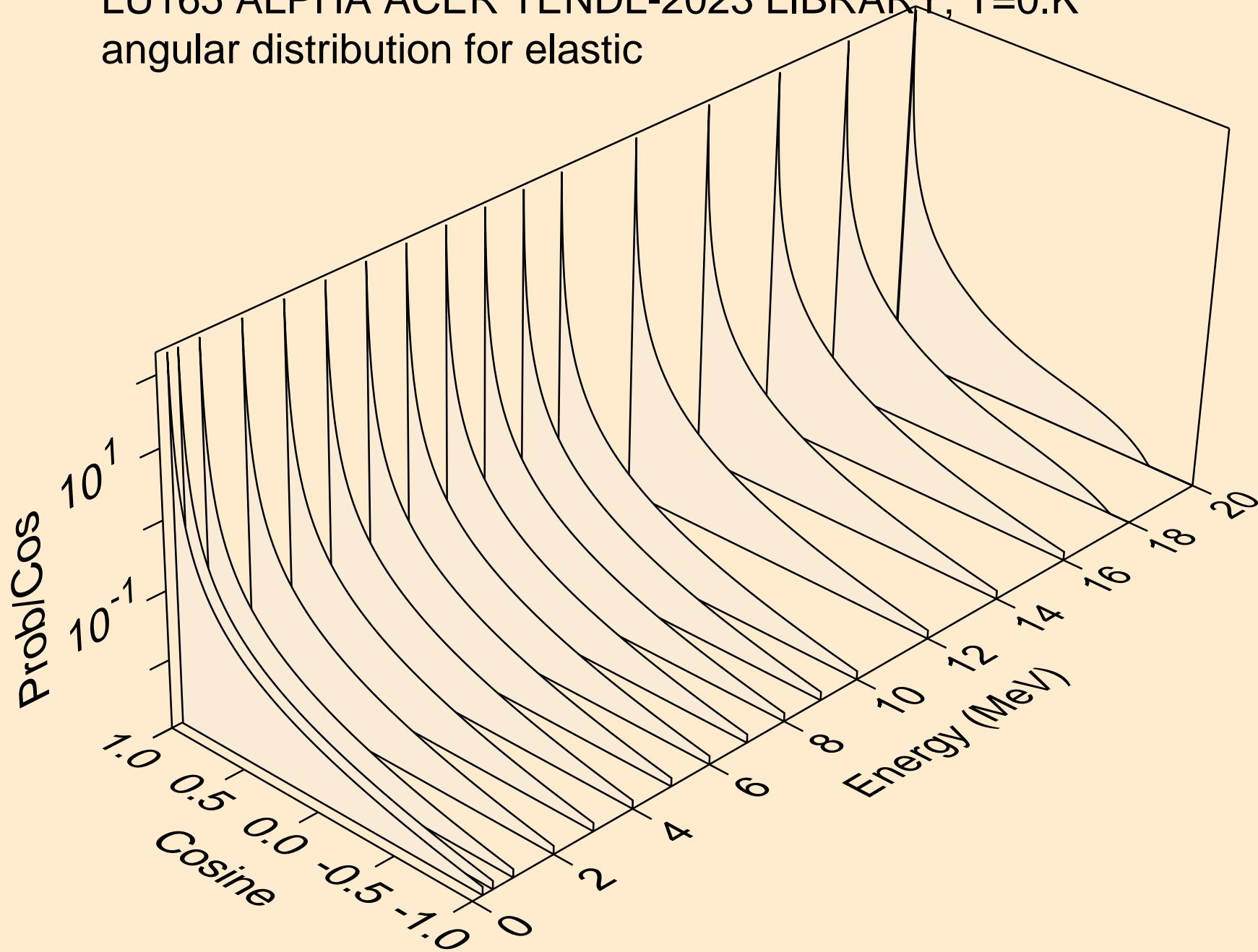
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

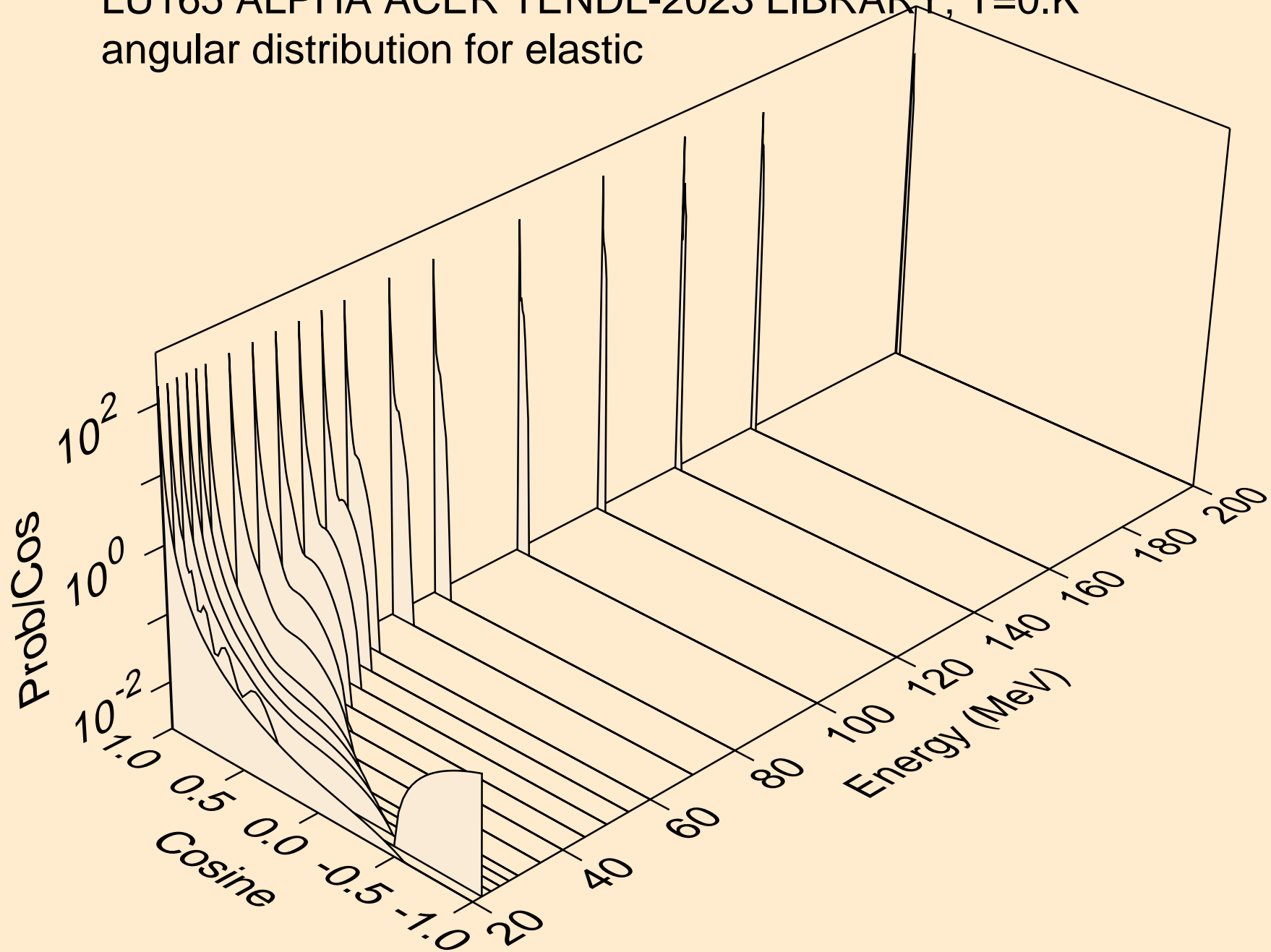


LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

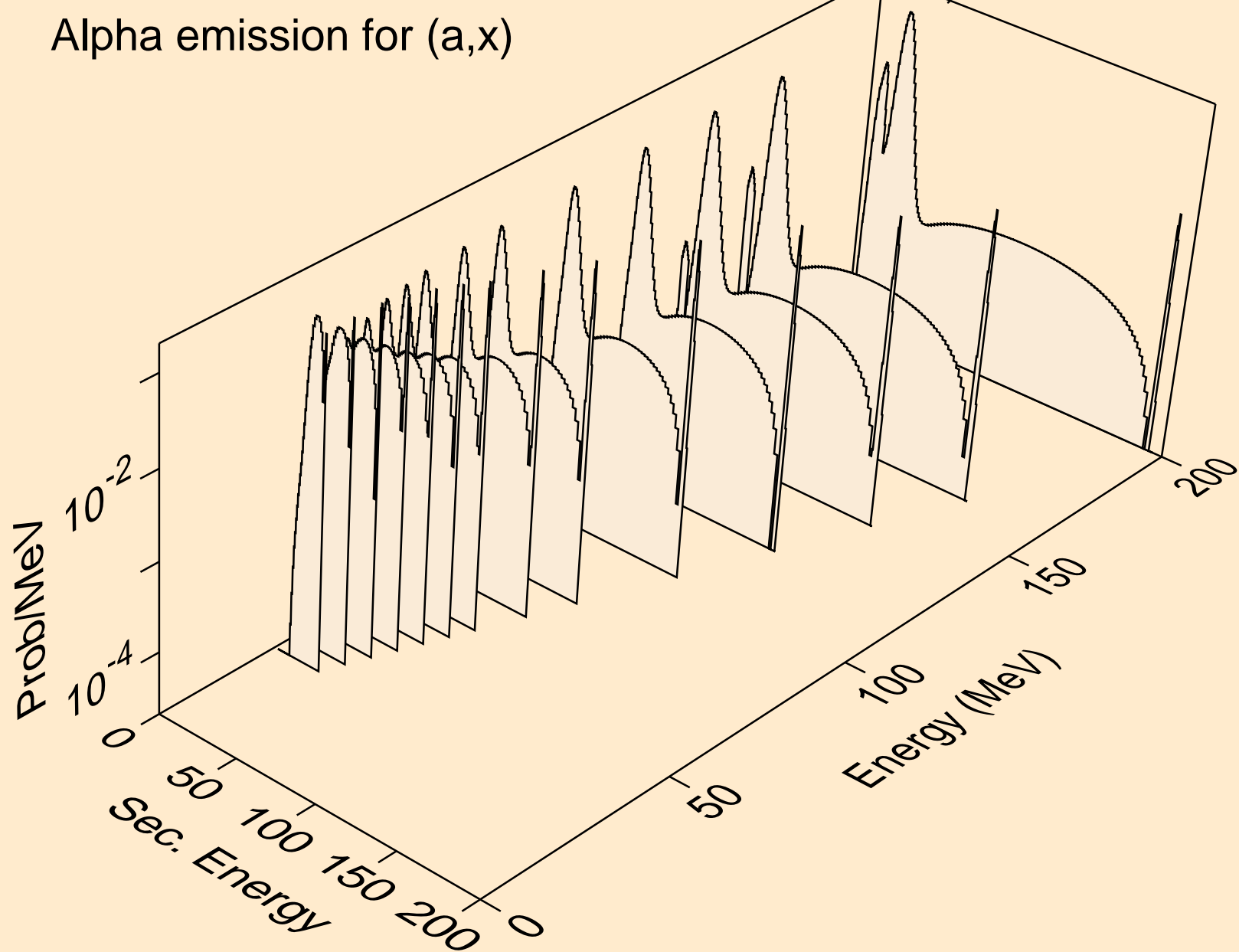




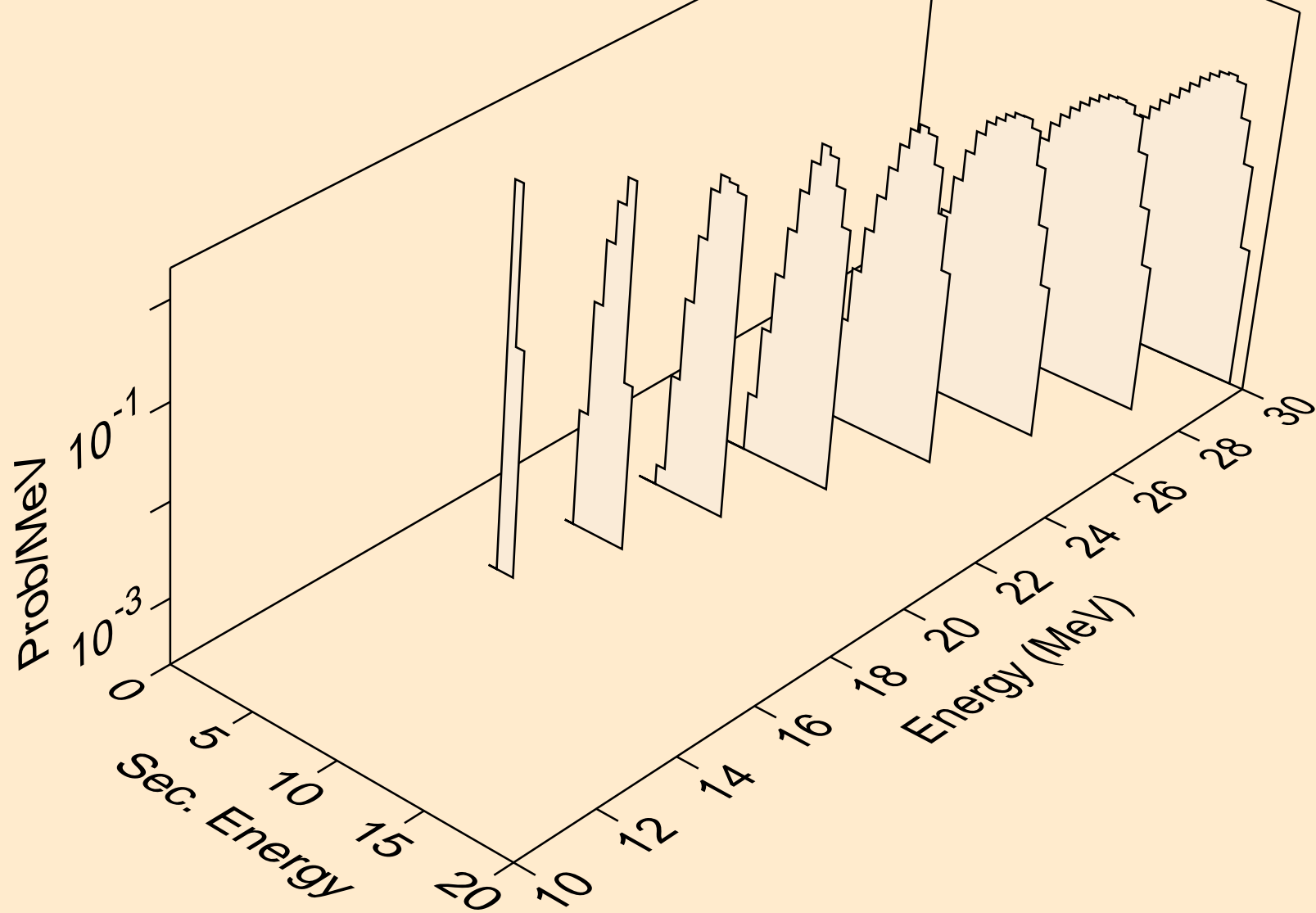
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



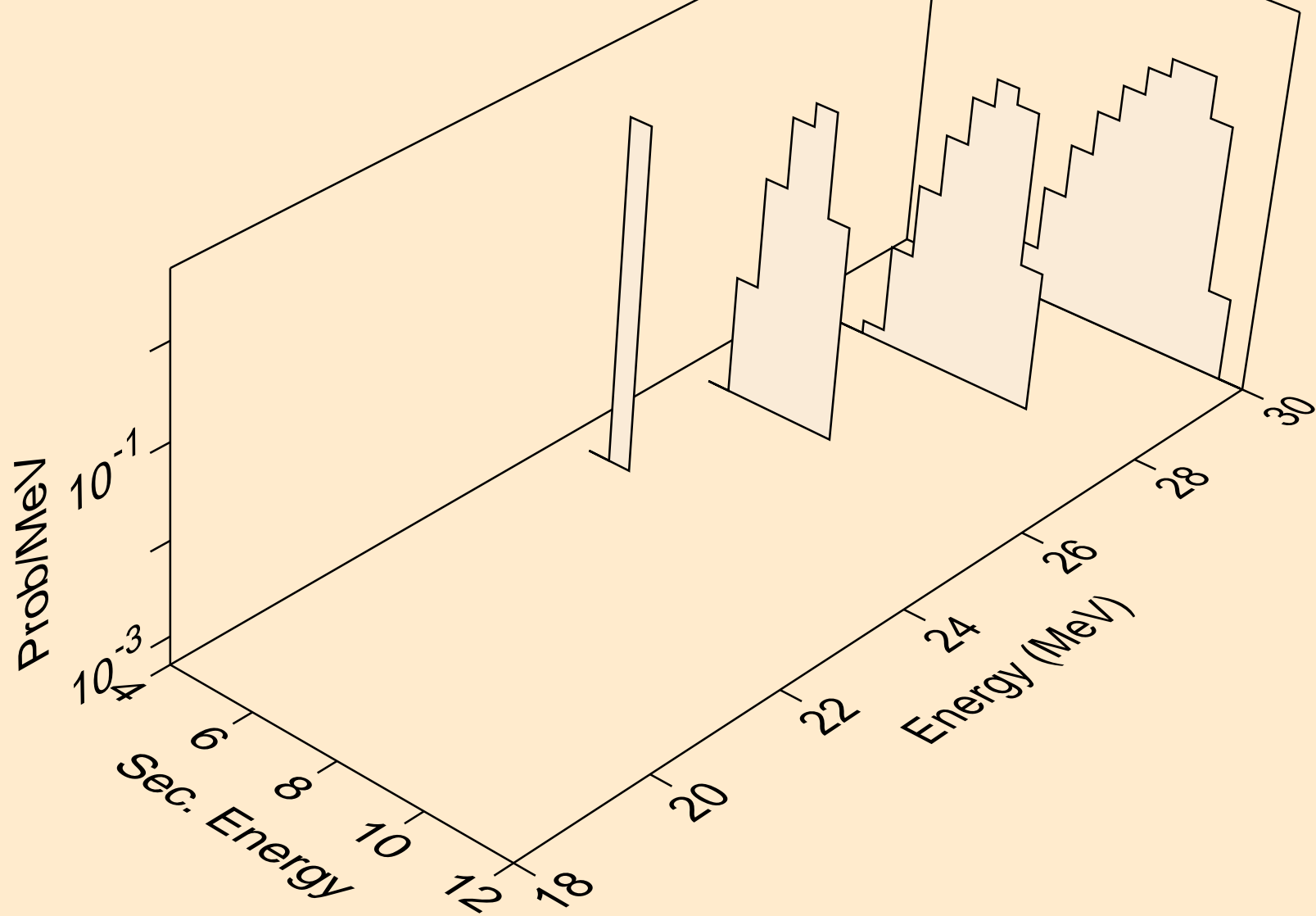
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



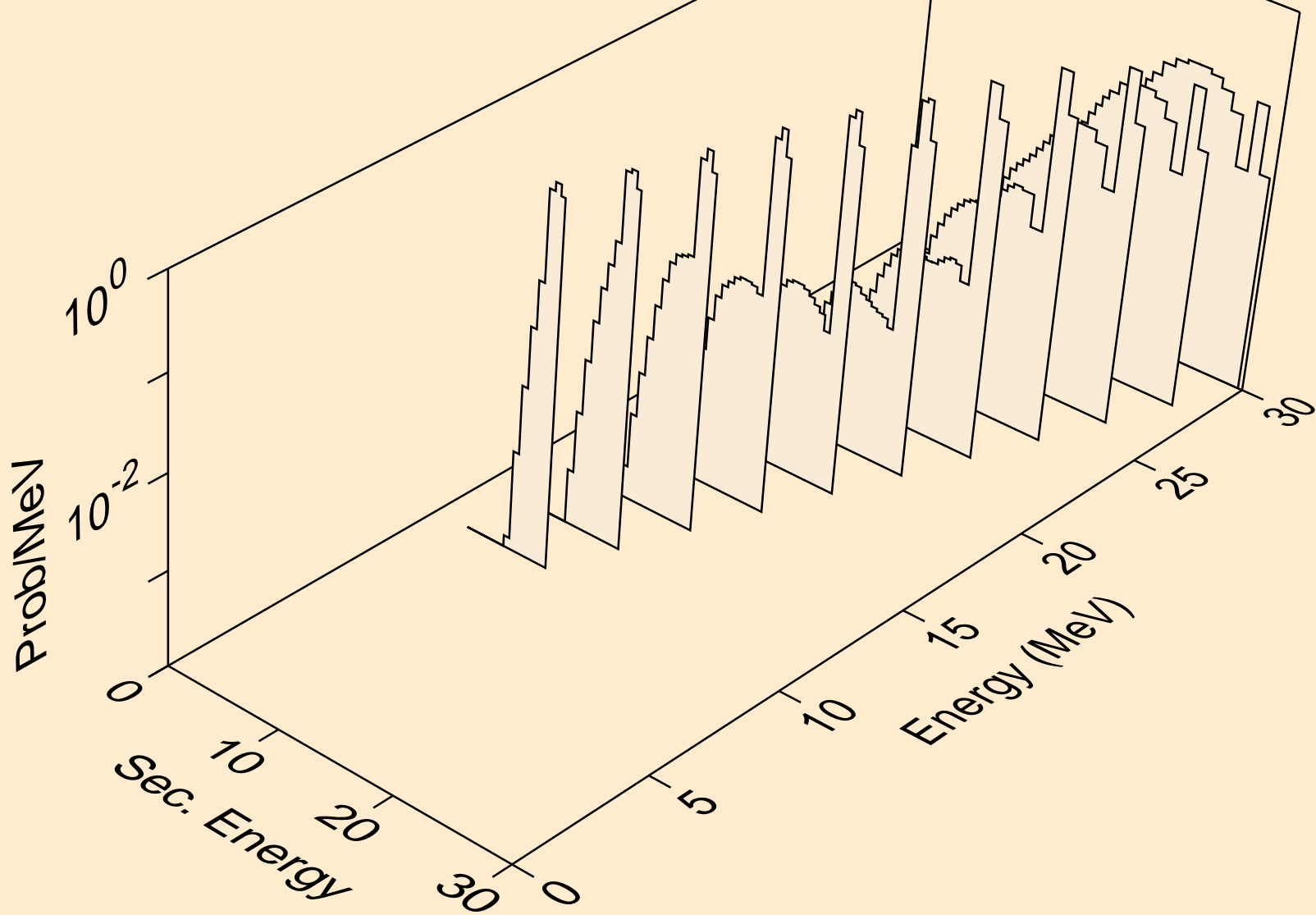
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



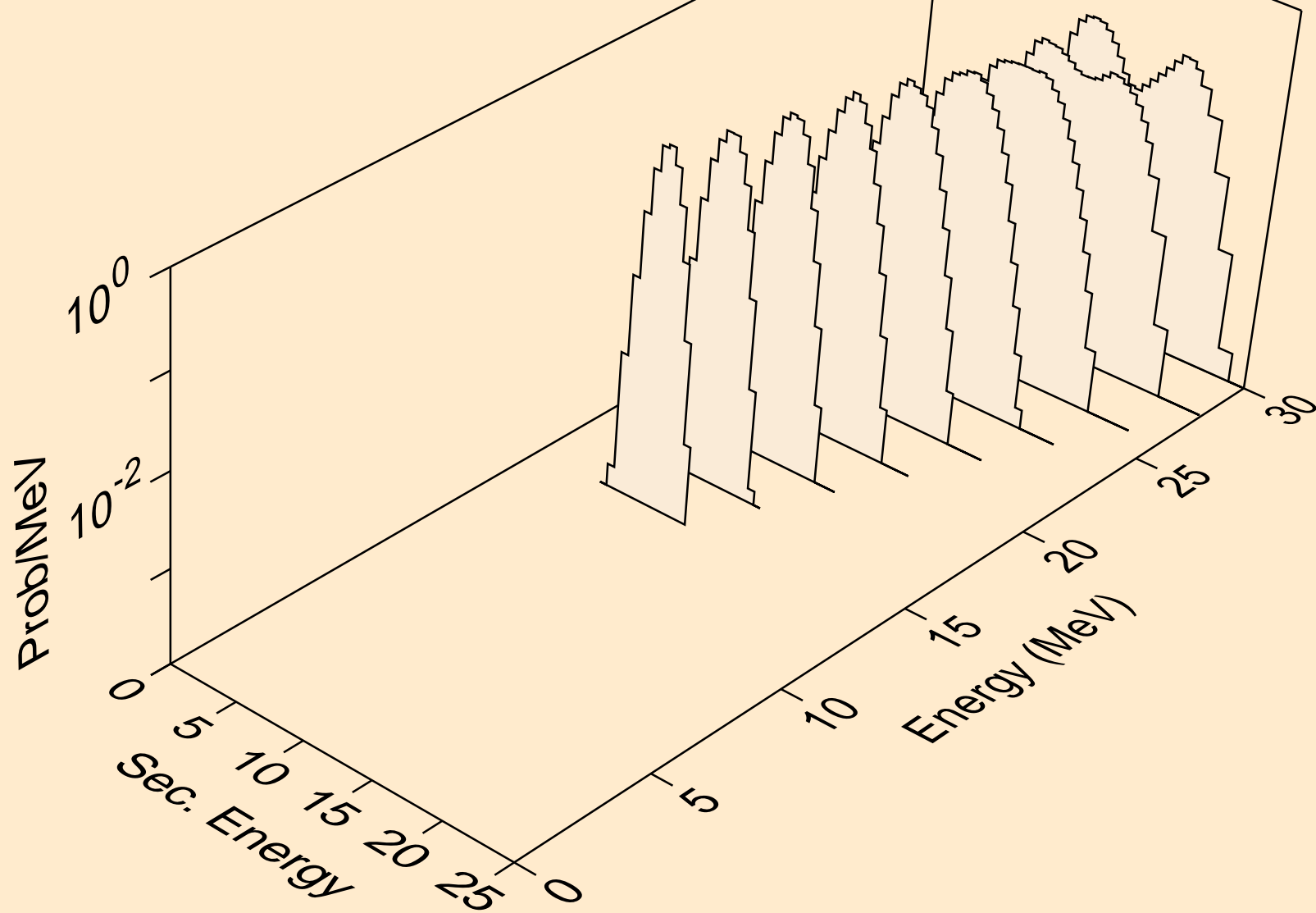
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



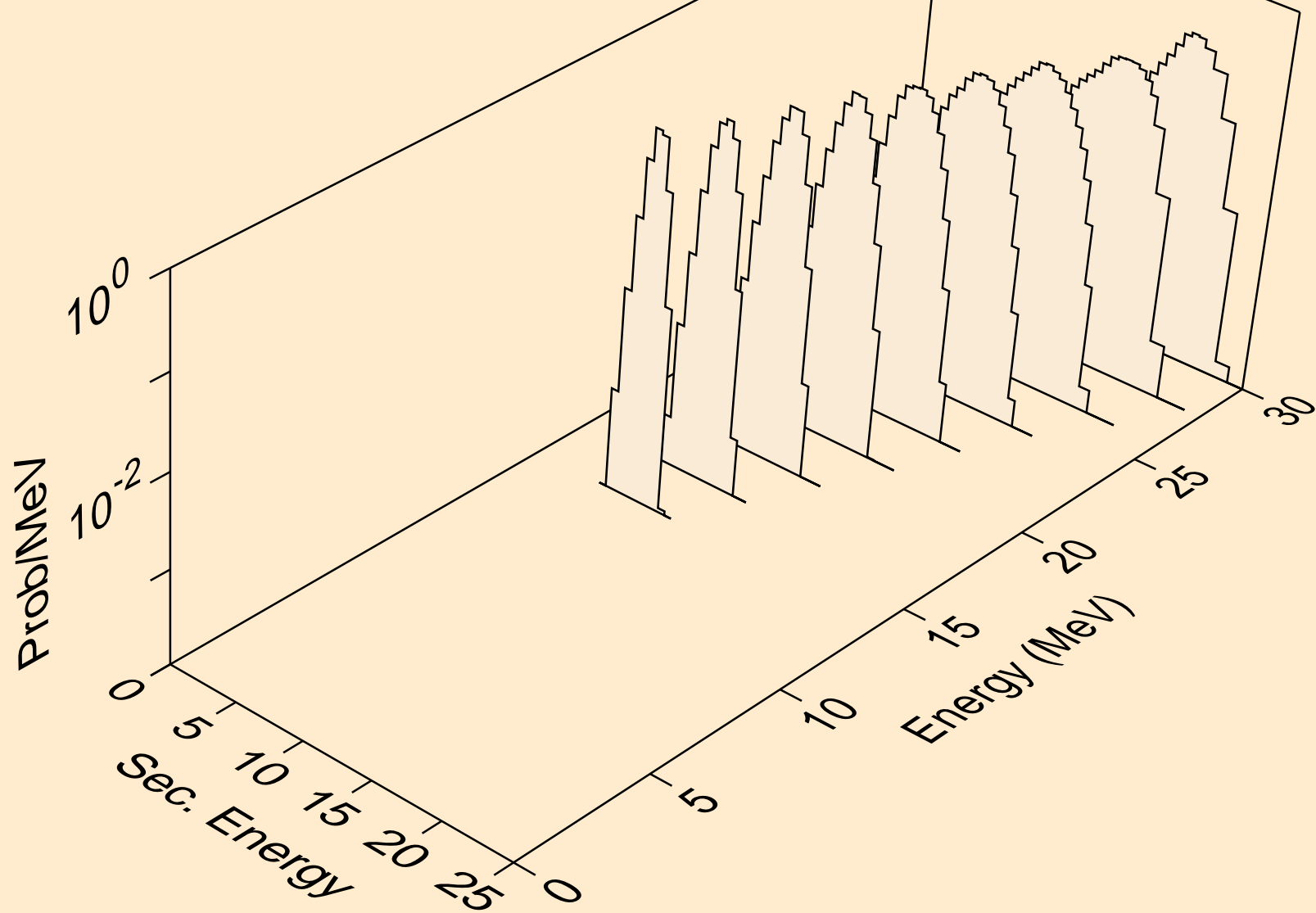
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



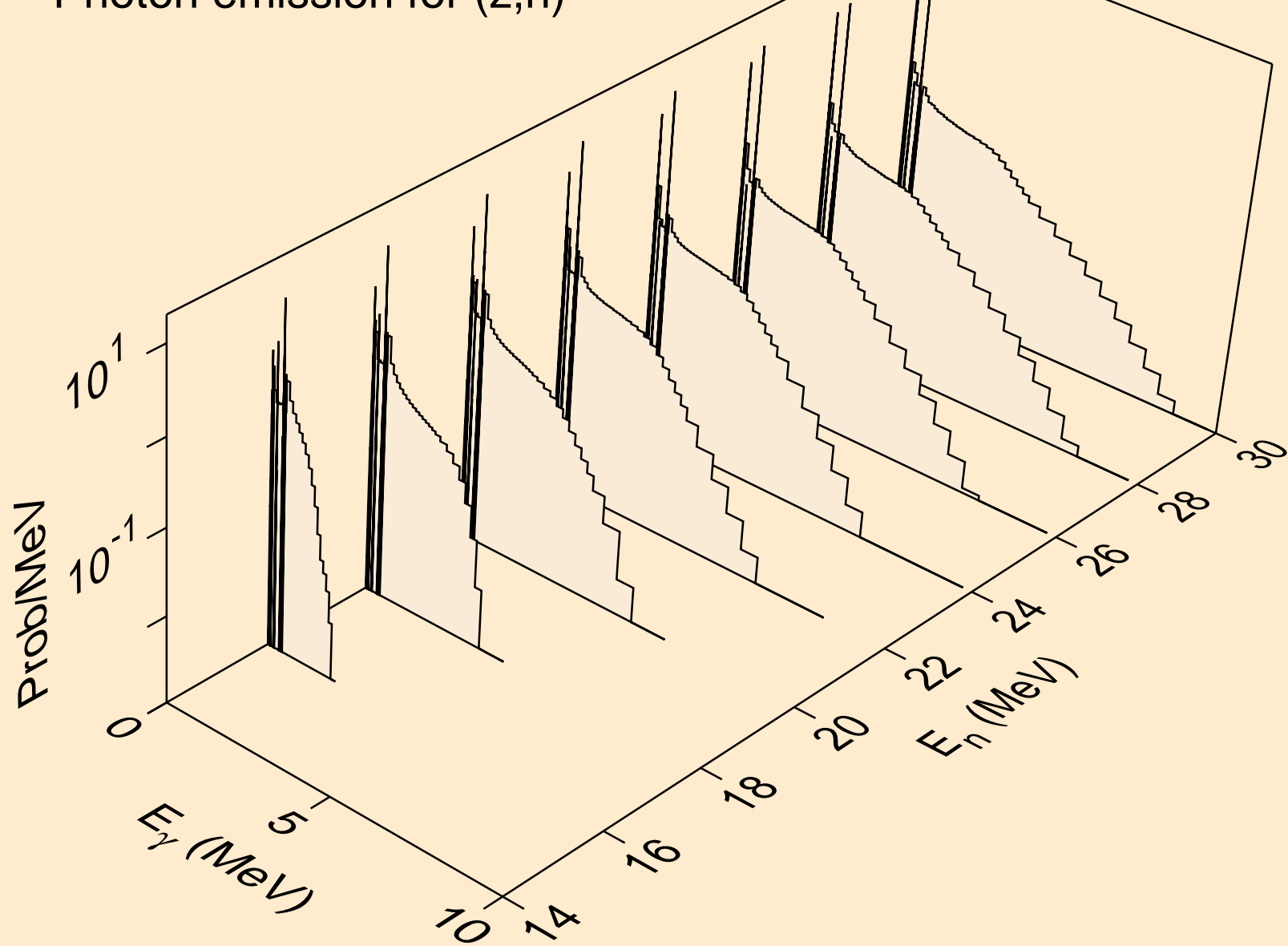
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

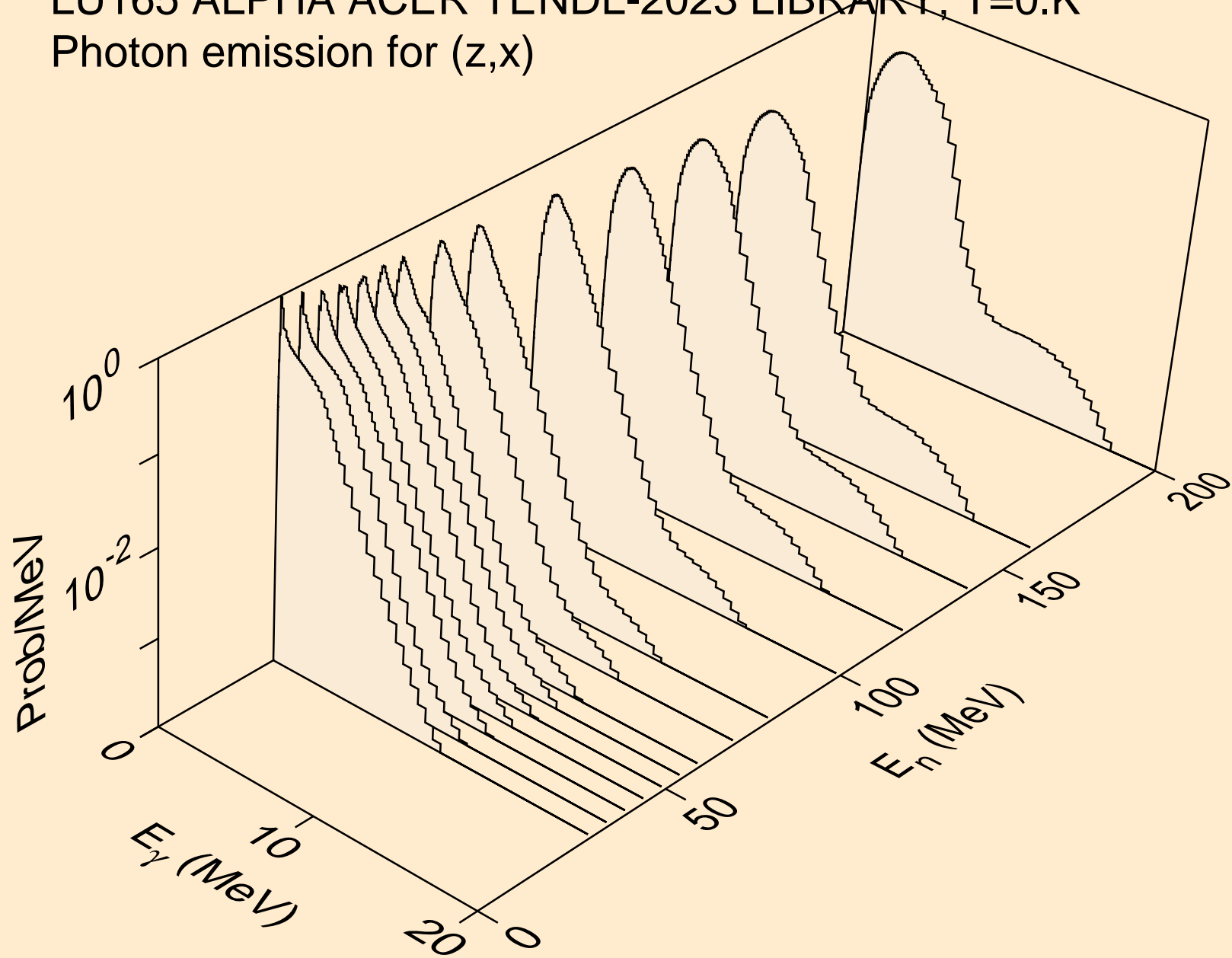


LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

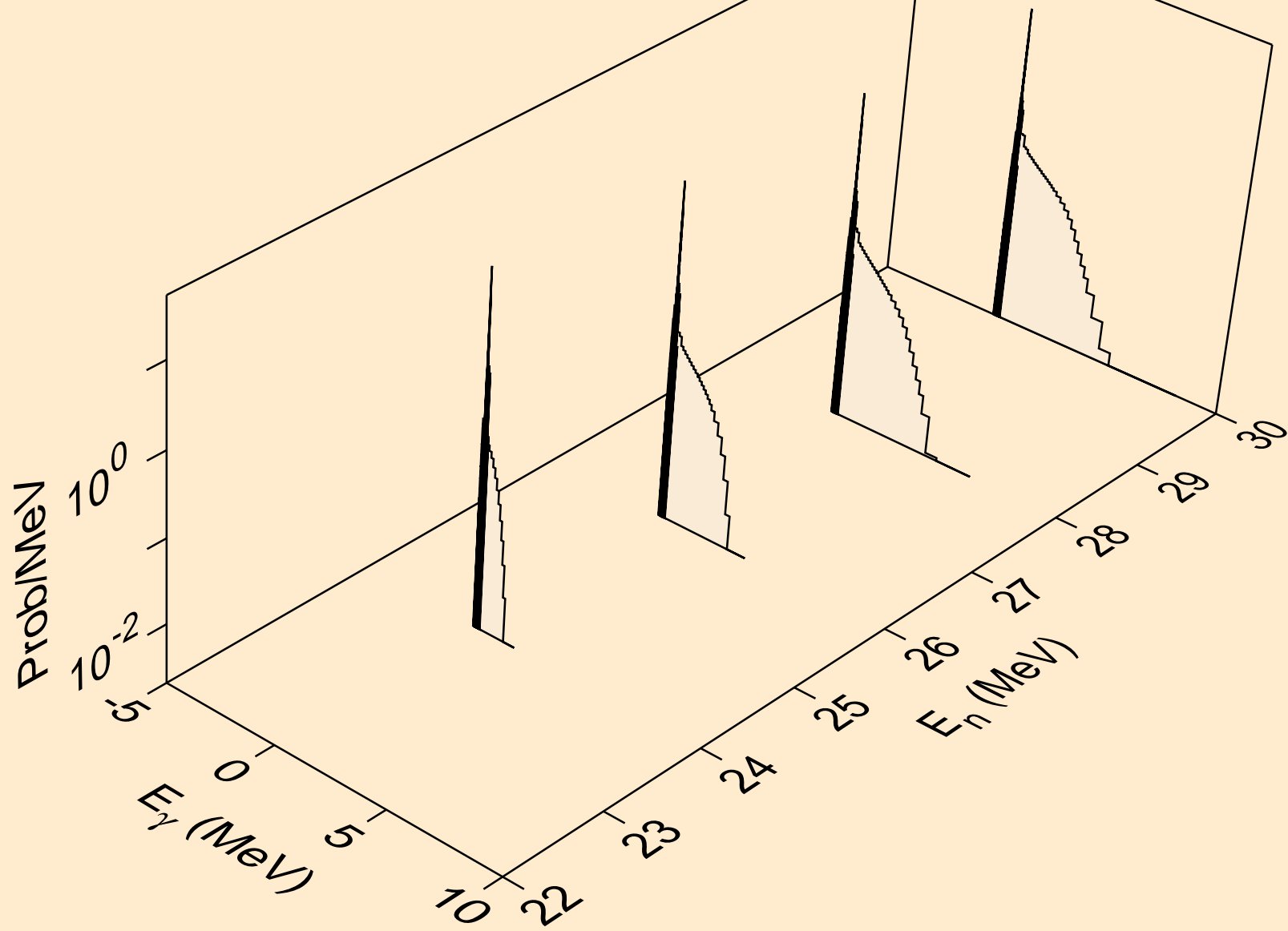




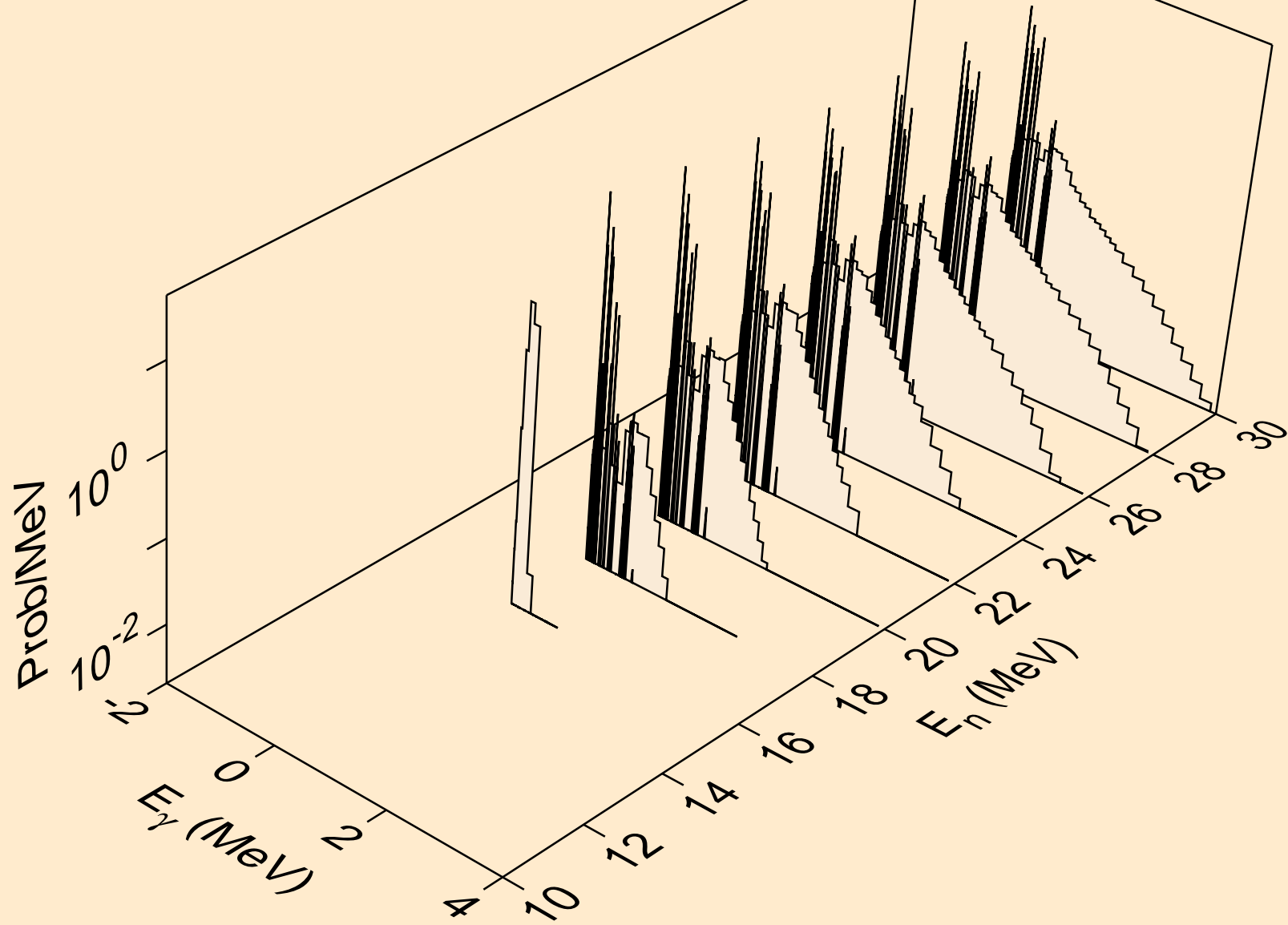
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



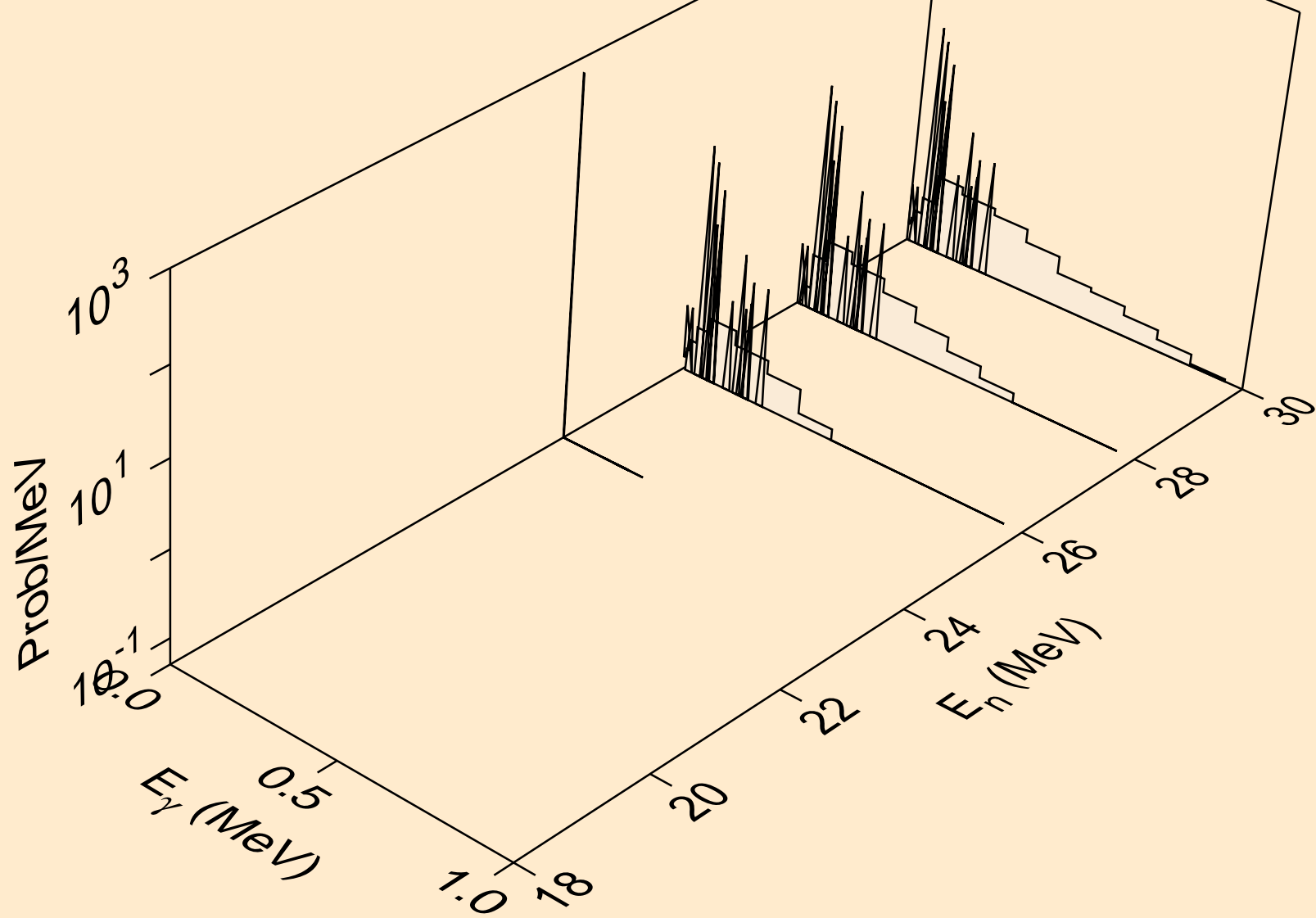
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



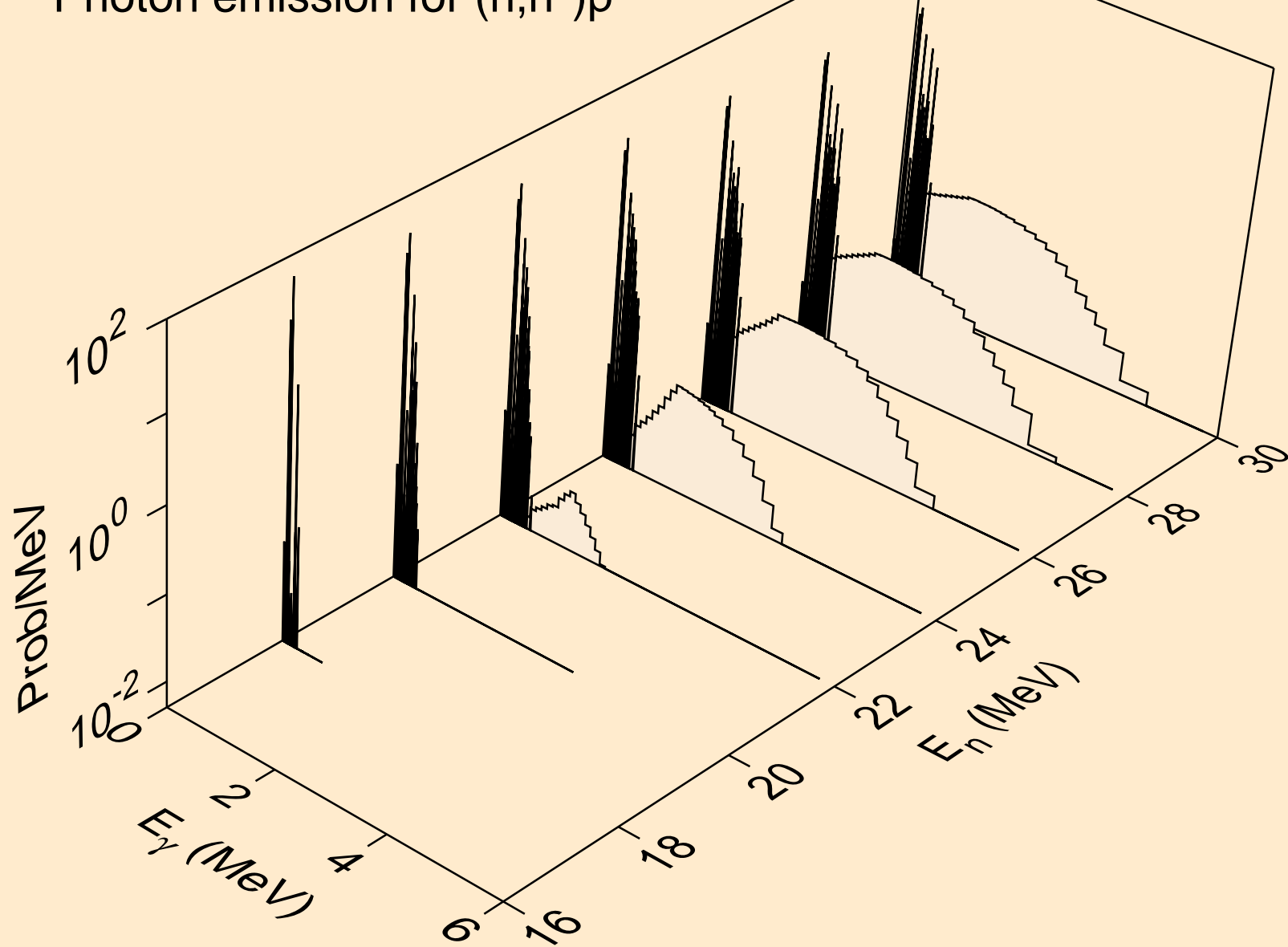
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



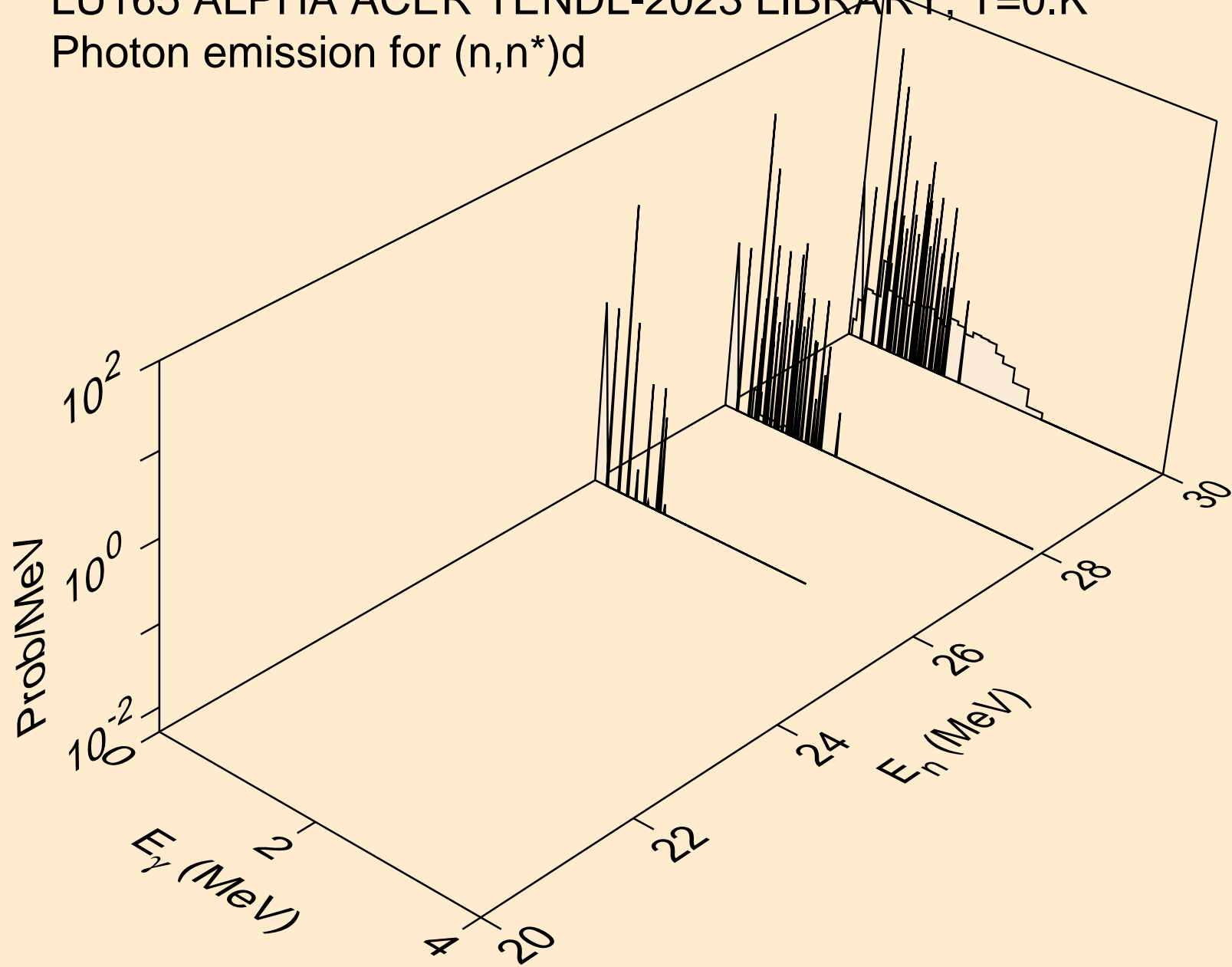
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



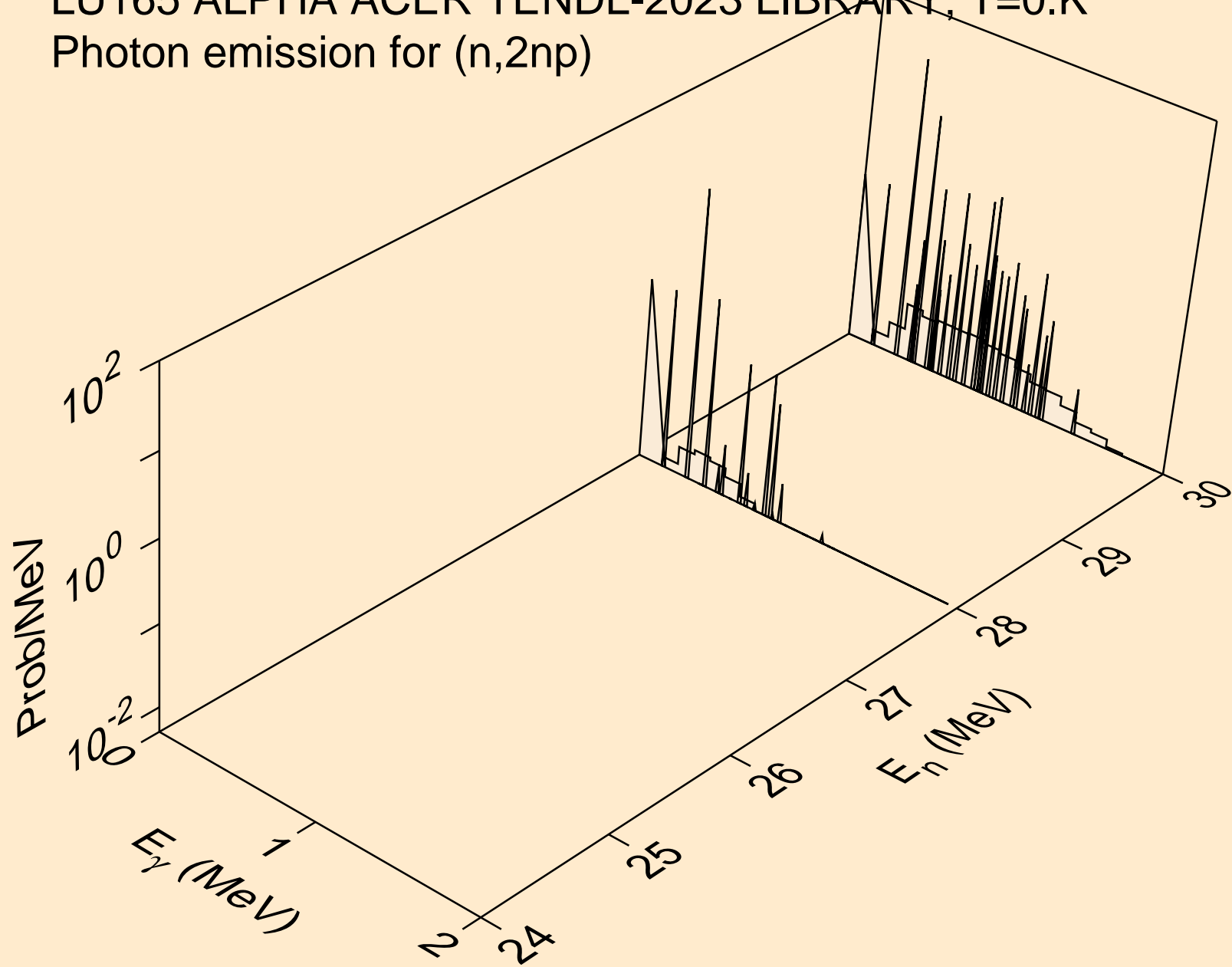
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



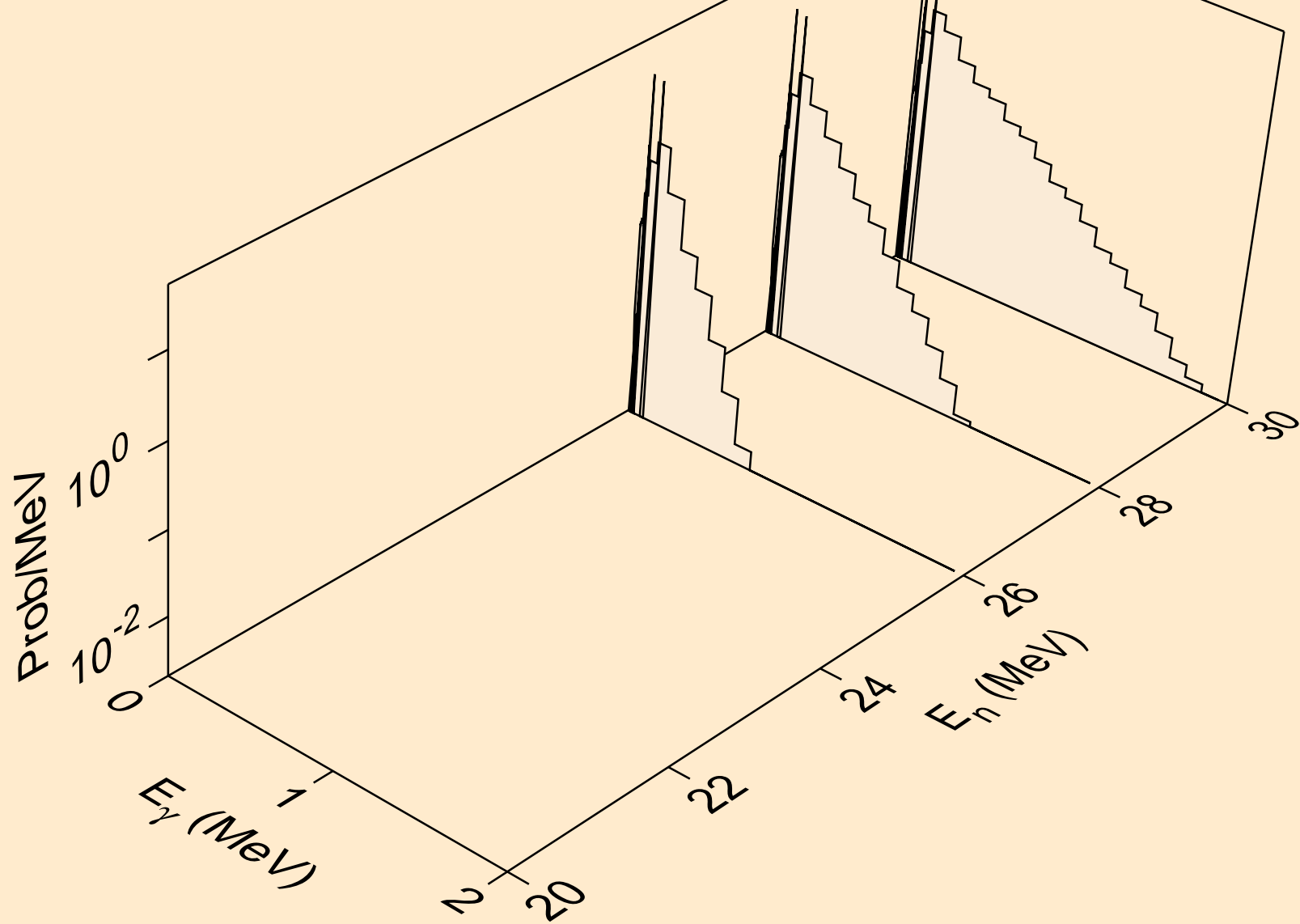
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

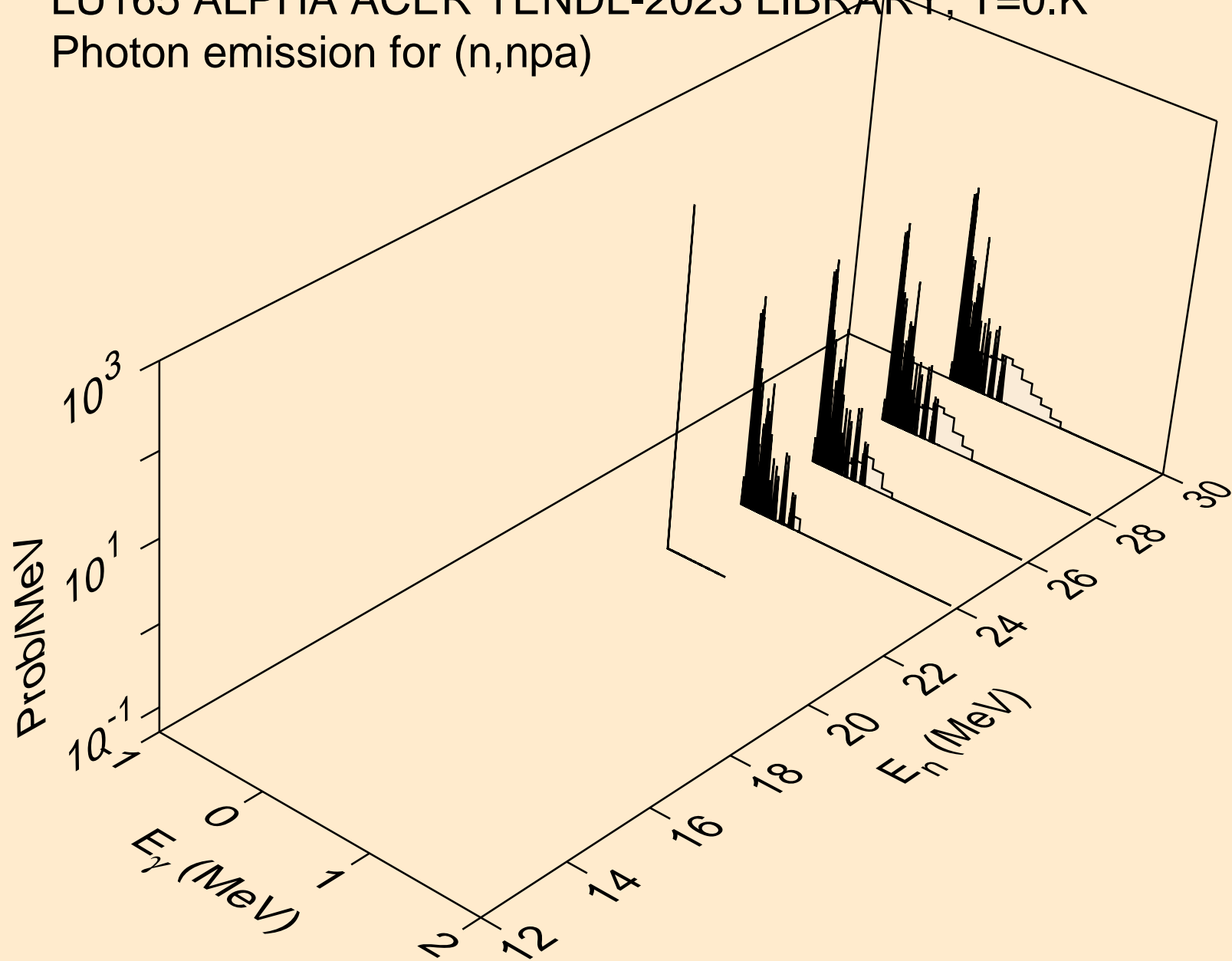


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Photon emission for (n,n2p)

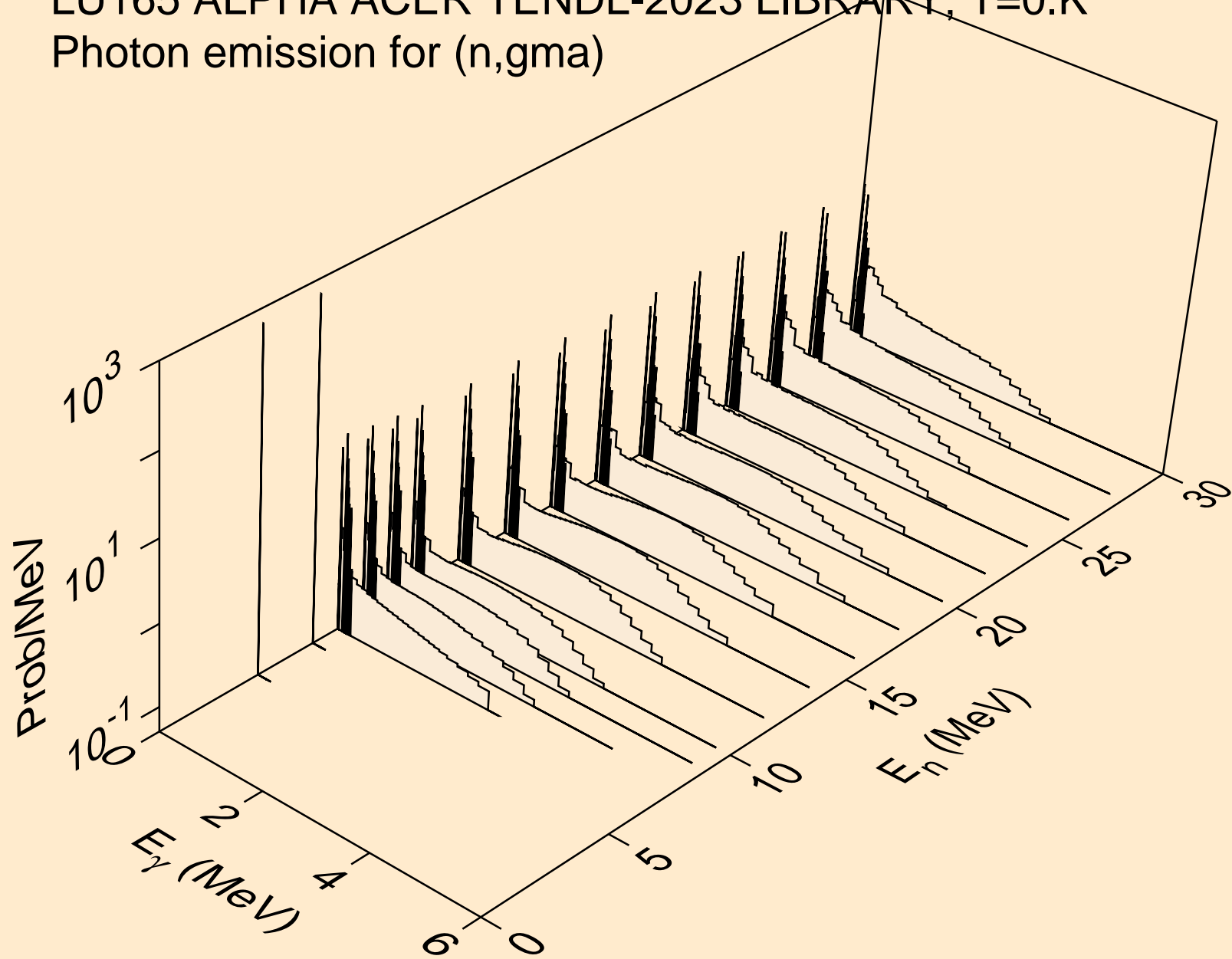




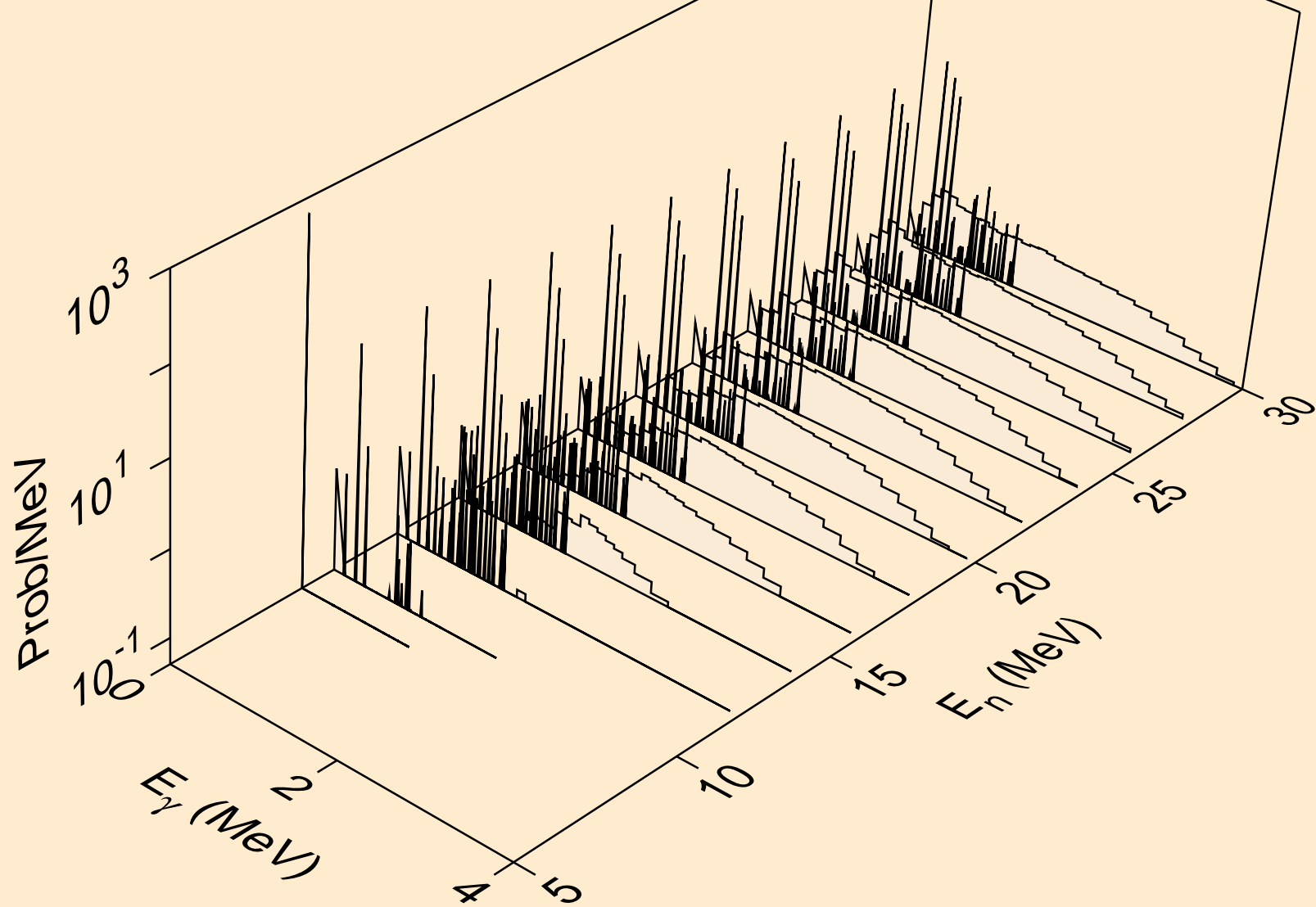
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Photon emission for (n,npa)



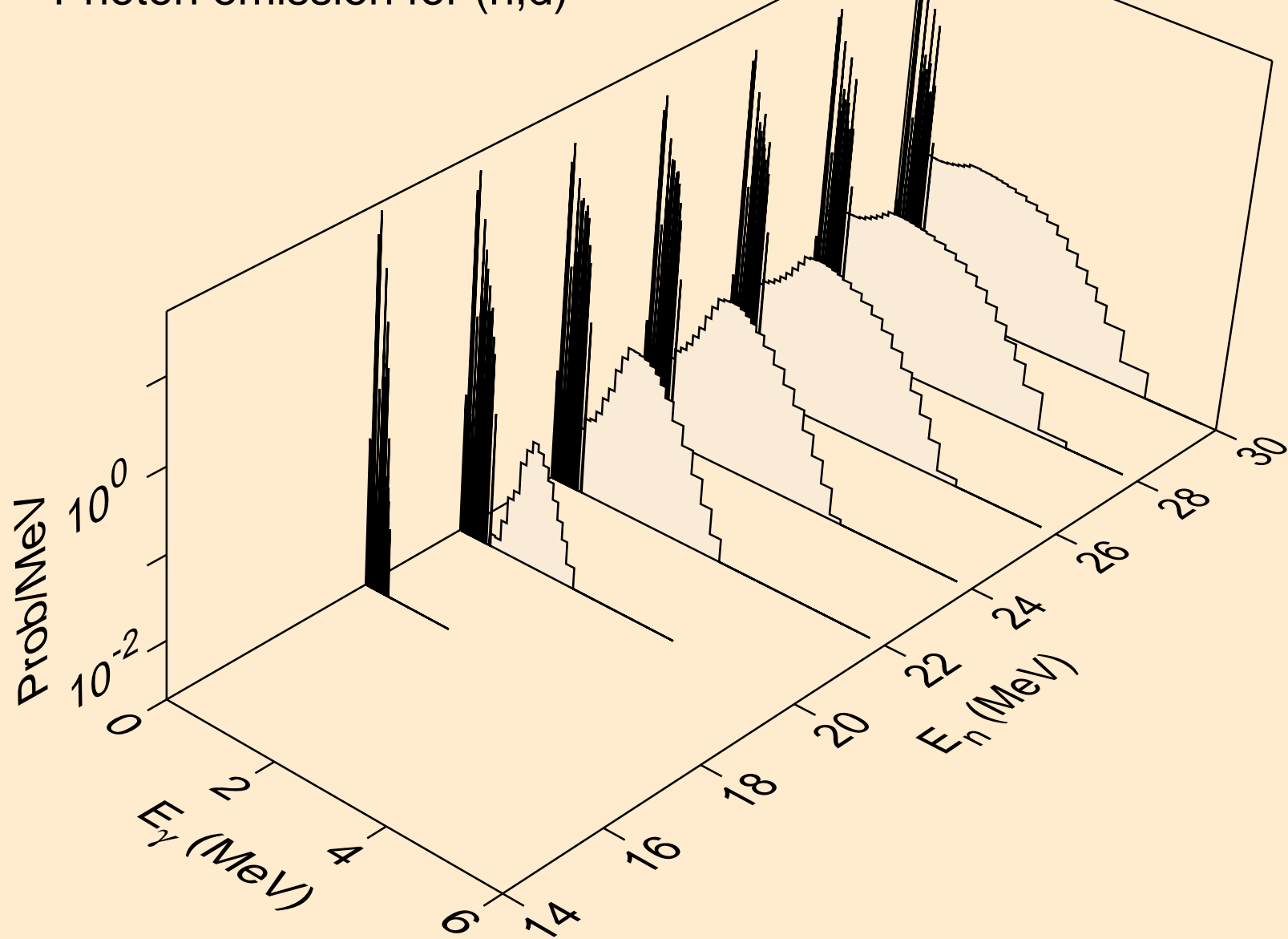
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Photon emission for (n,gma)



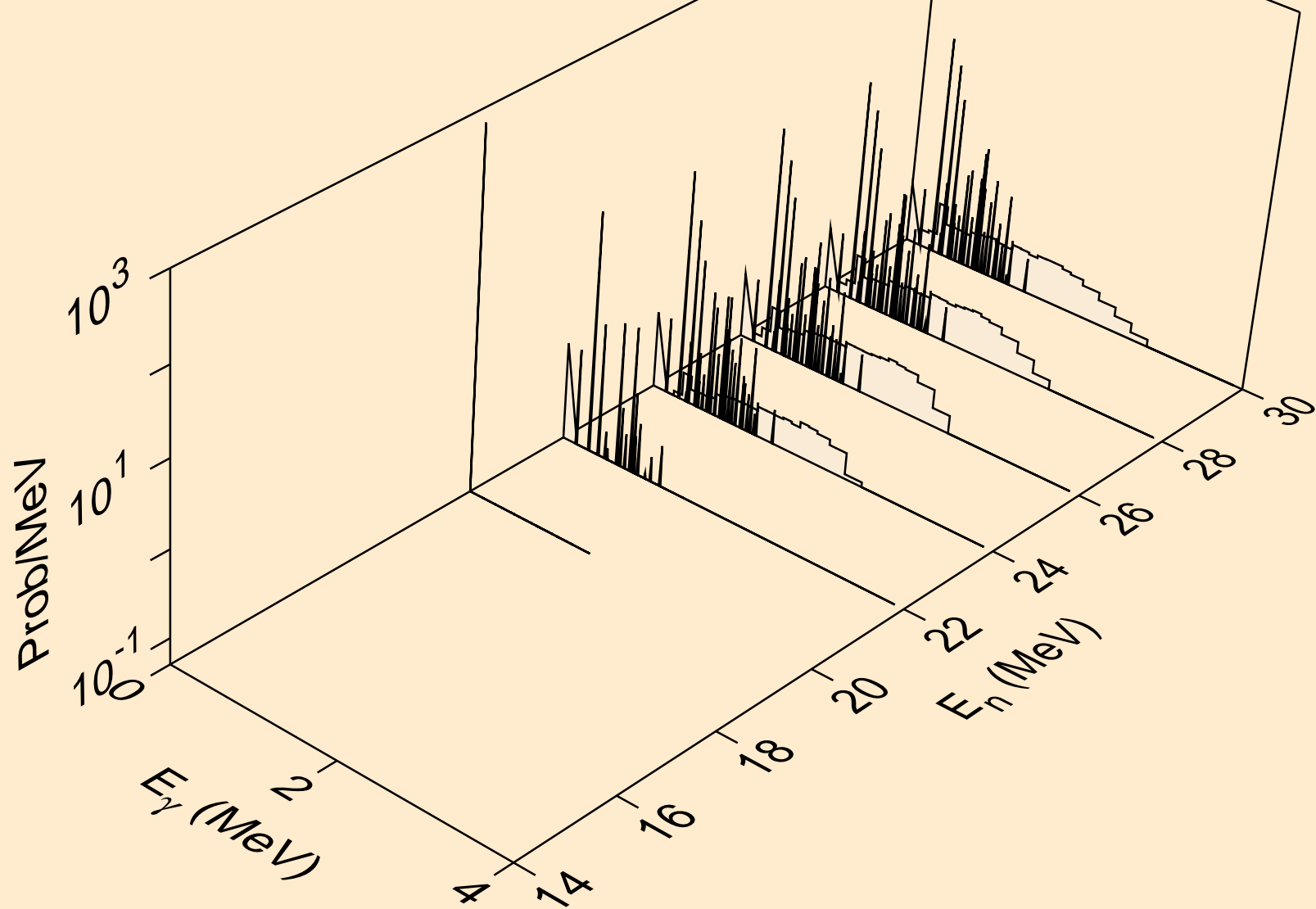
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



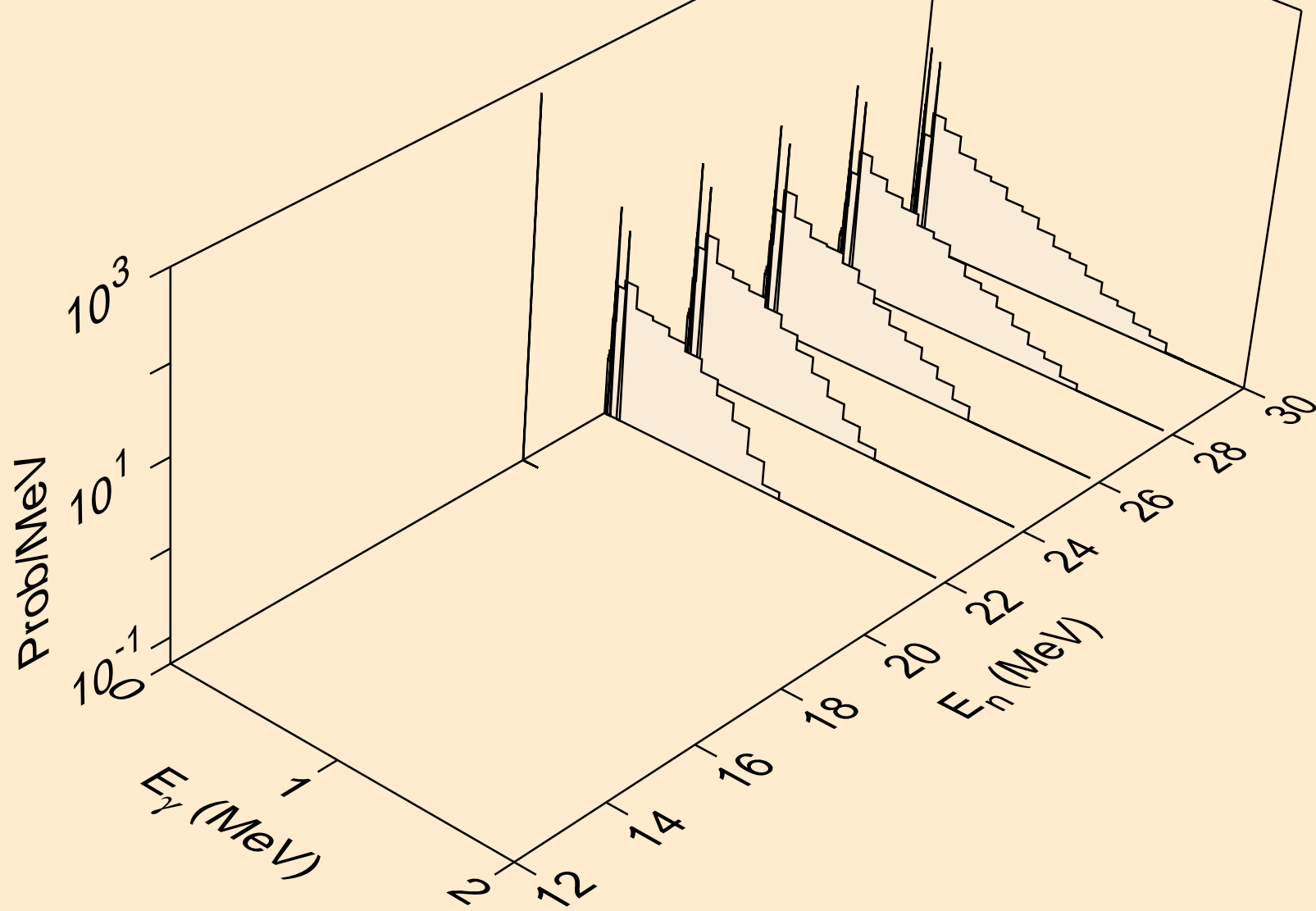
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Photon emission for (n,d)



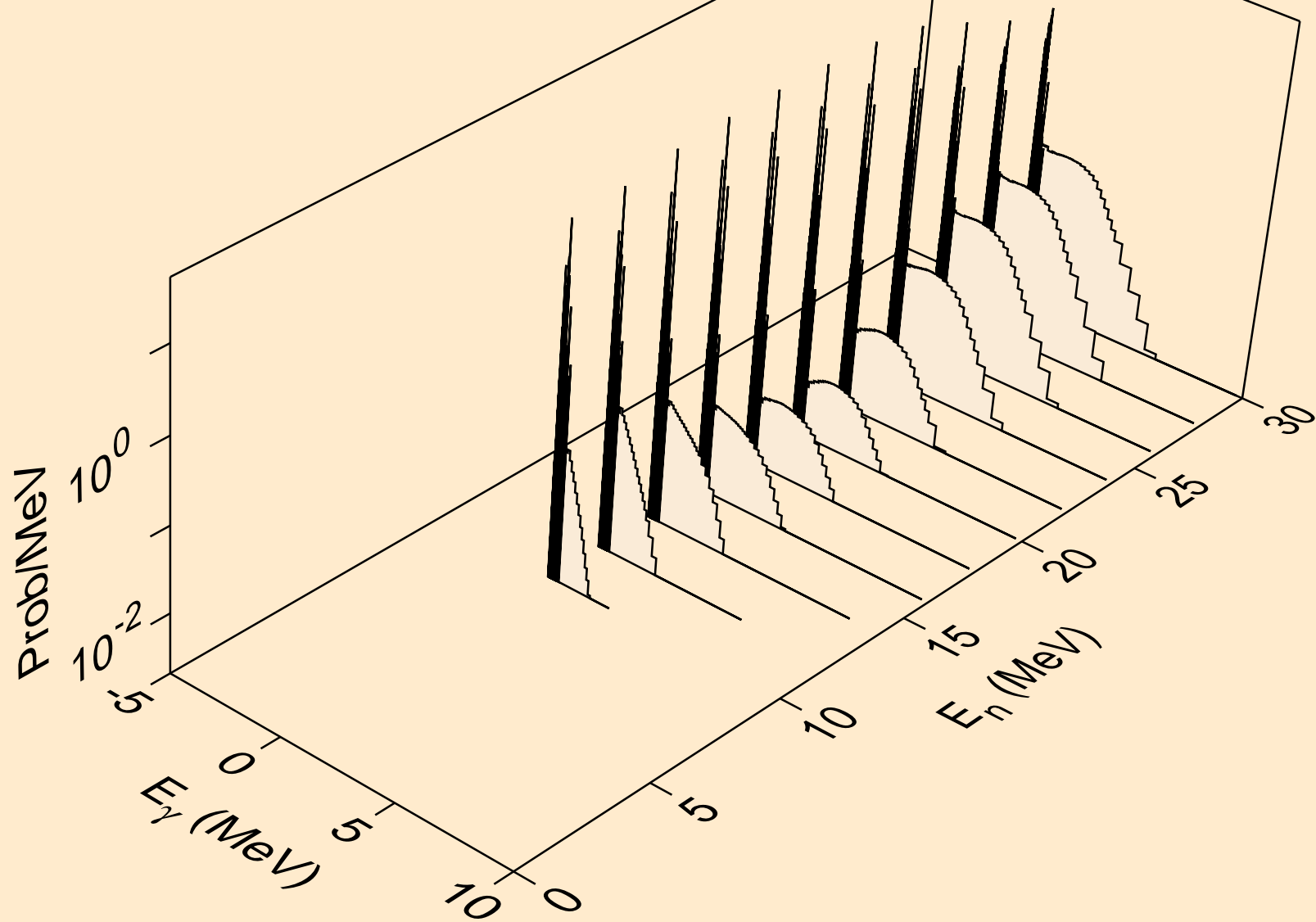
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Photon emission for (n,t)



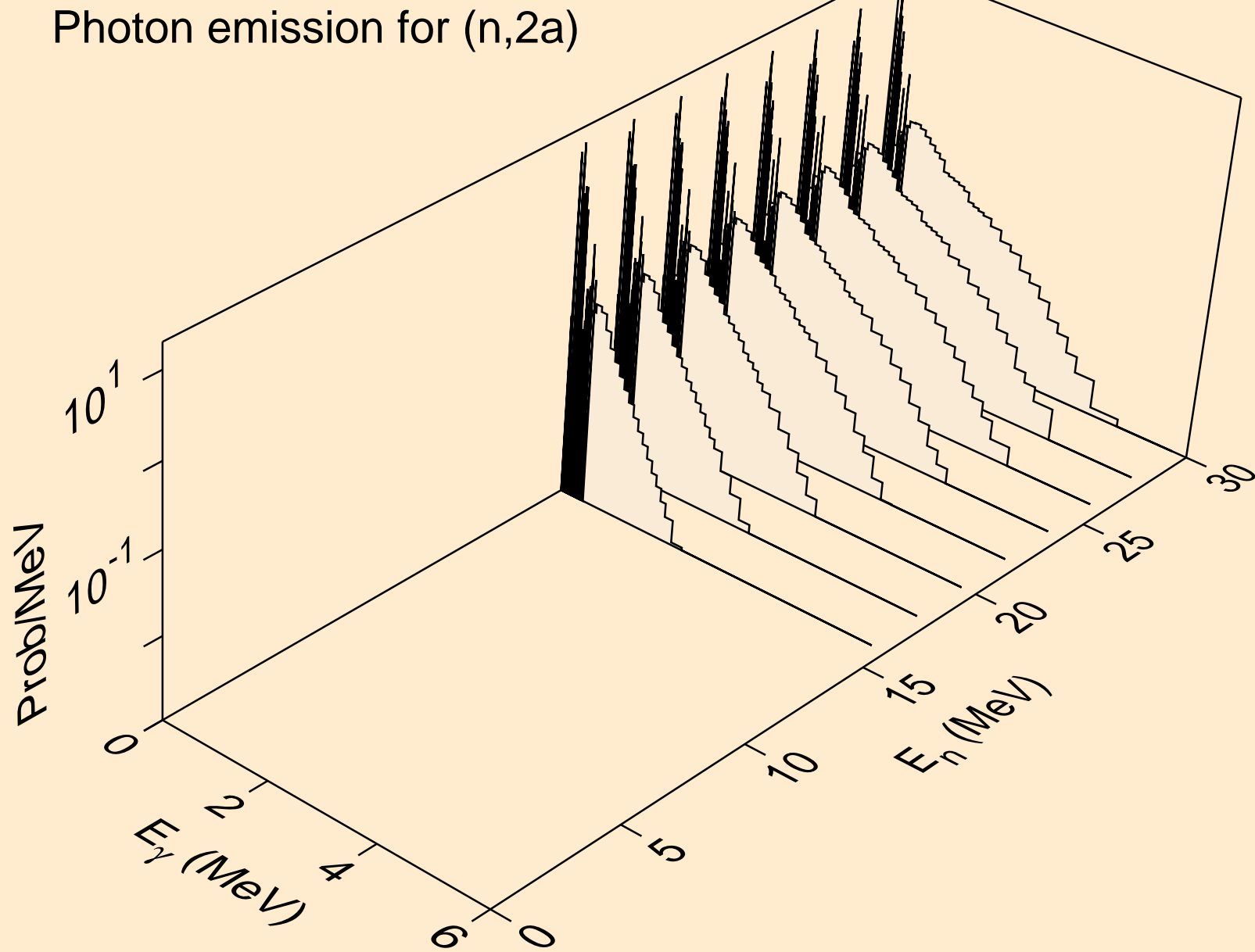
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

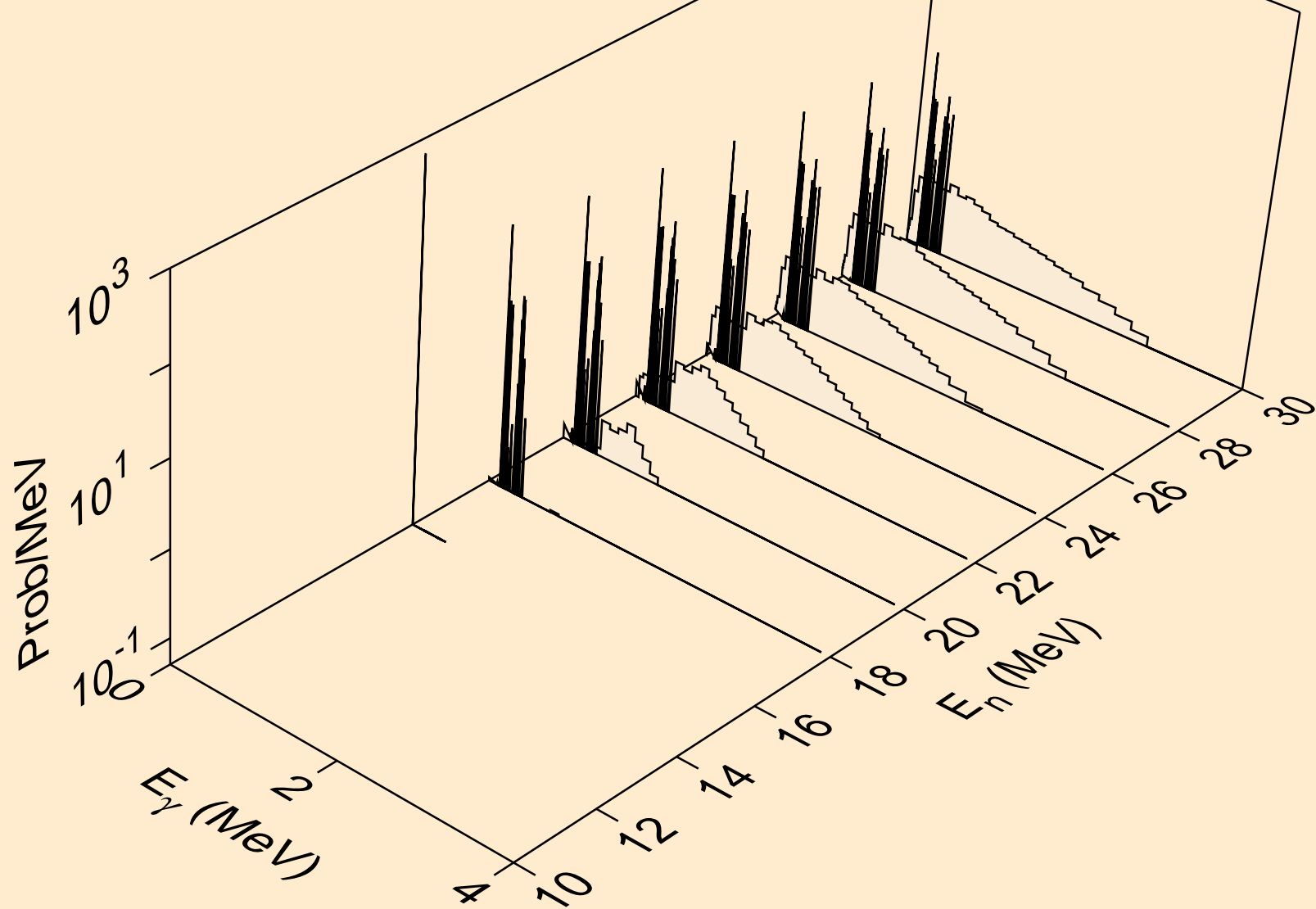


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Photon emission for (n,2a)

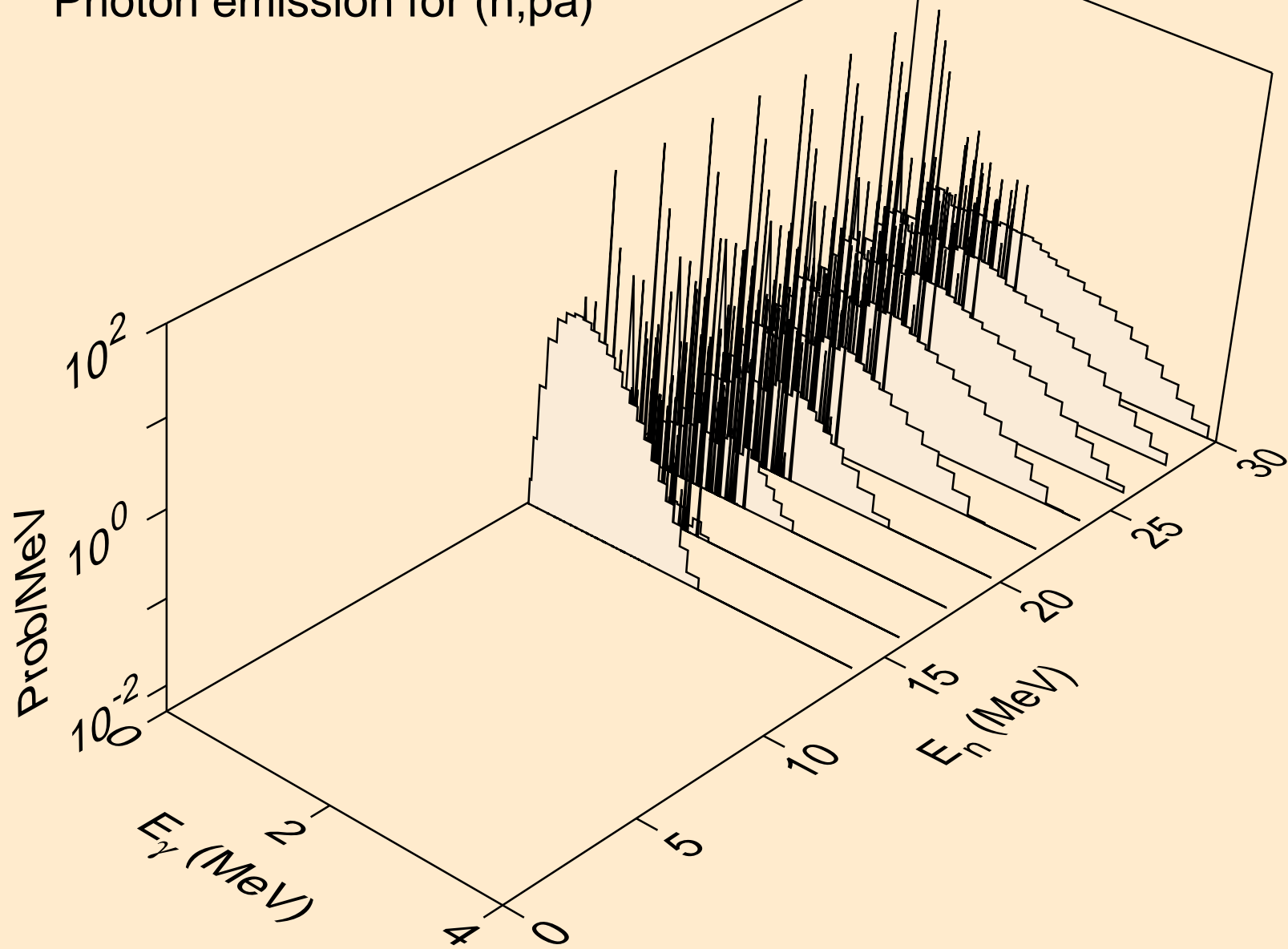




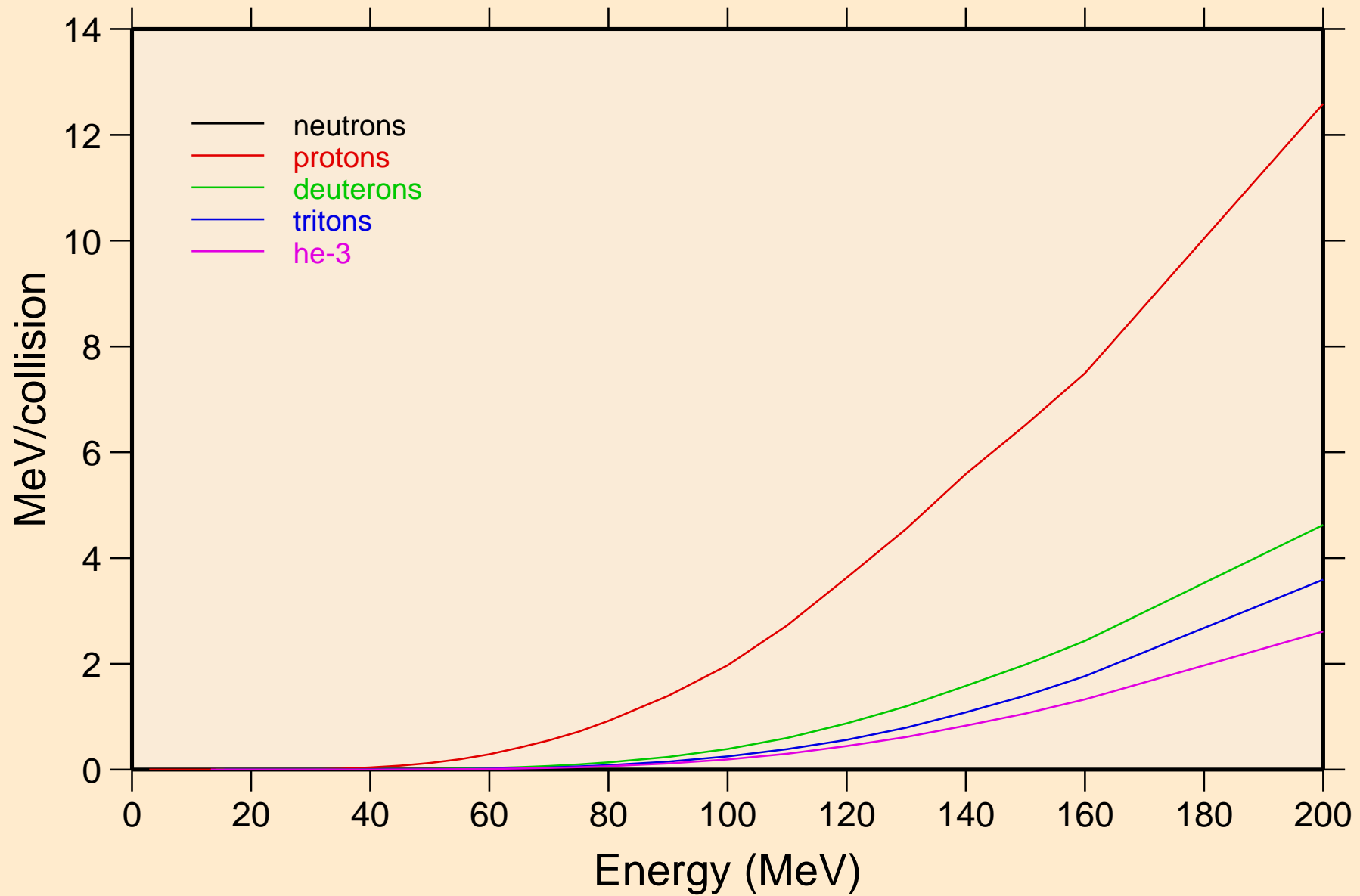
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Photon emission for (n,2p)



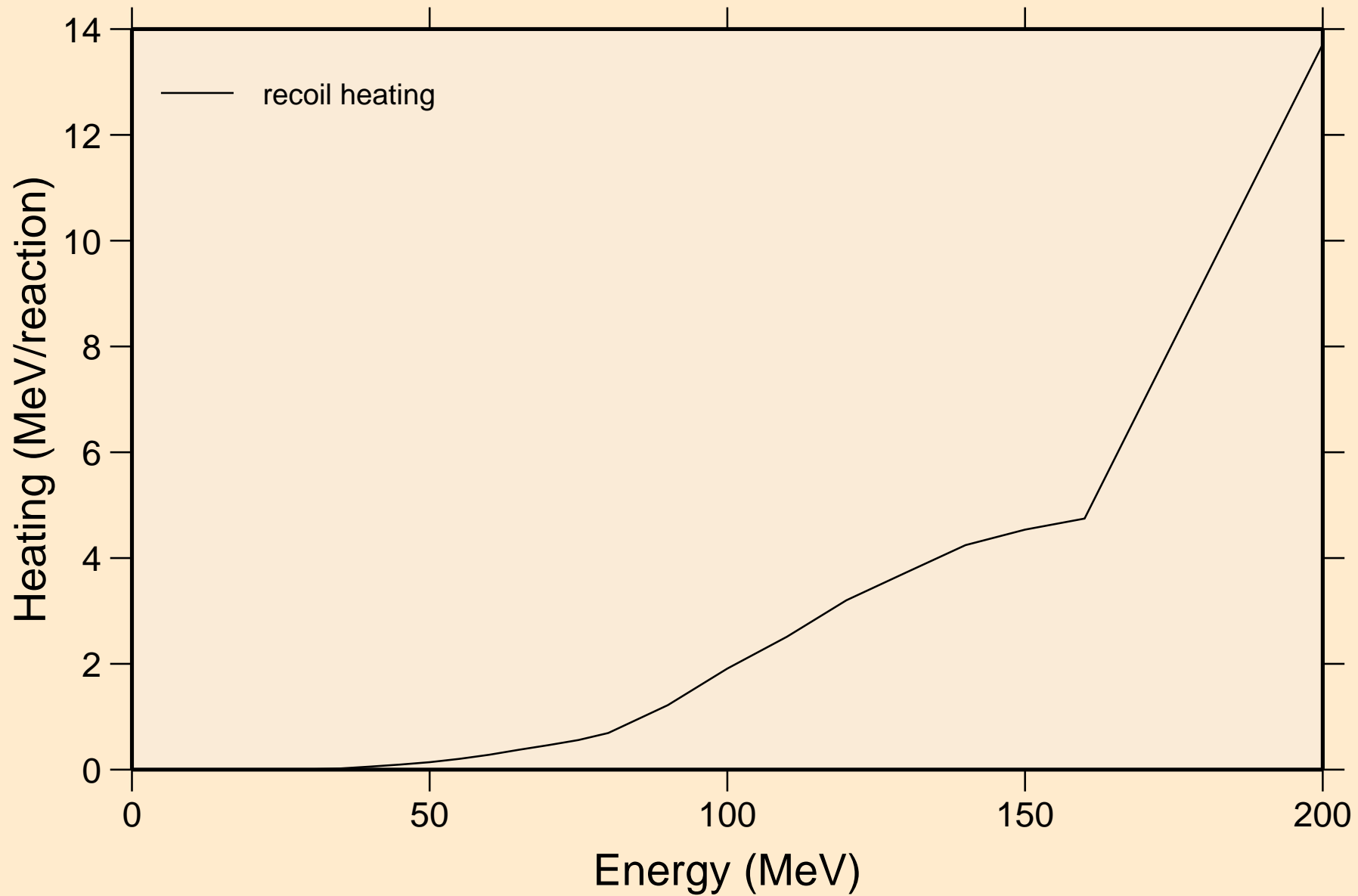
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Photon emission for (n,pa)



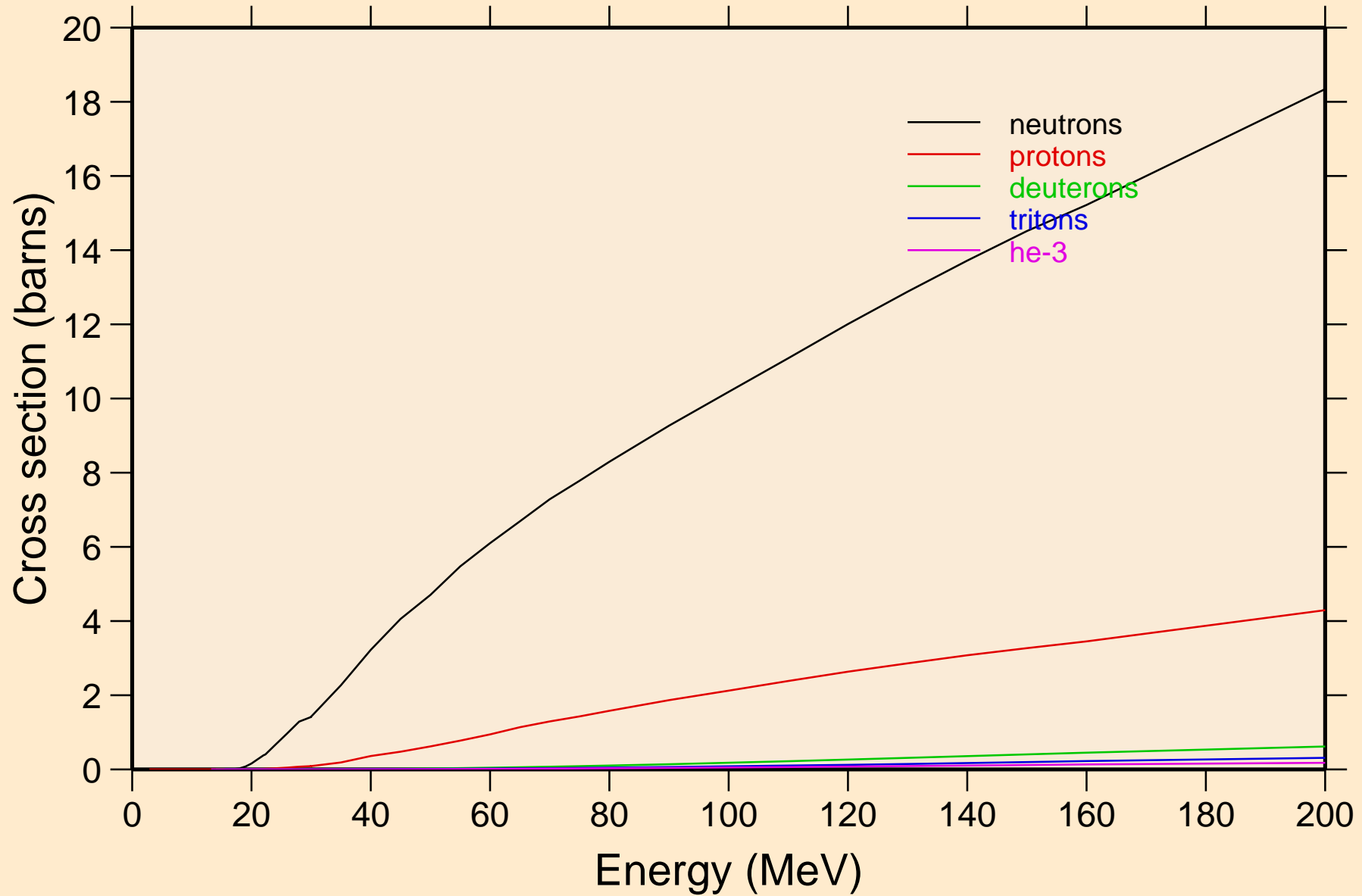
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



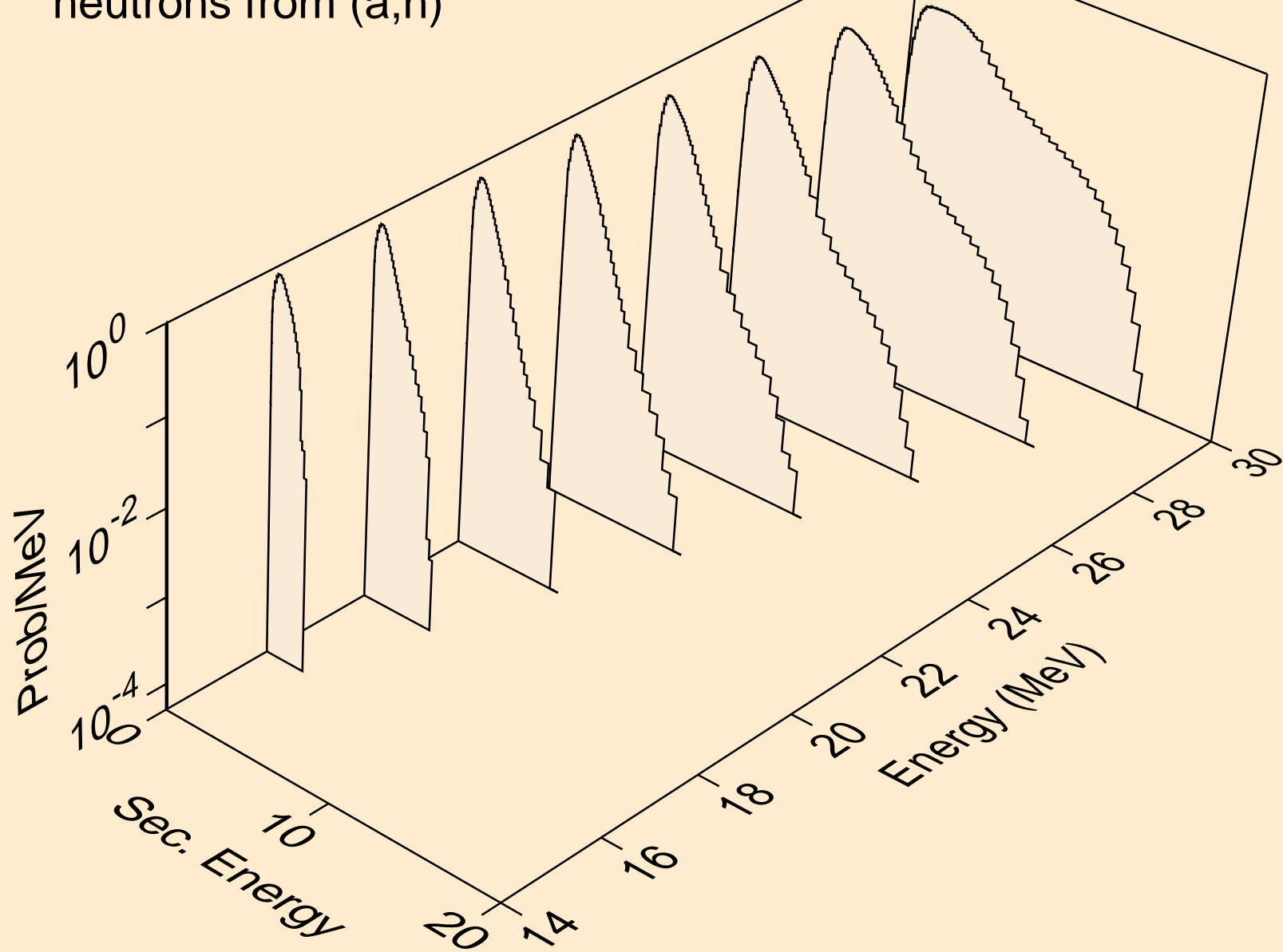
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



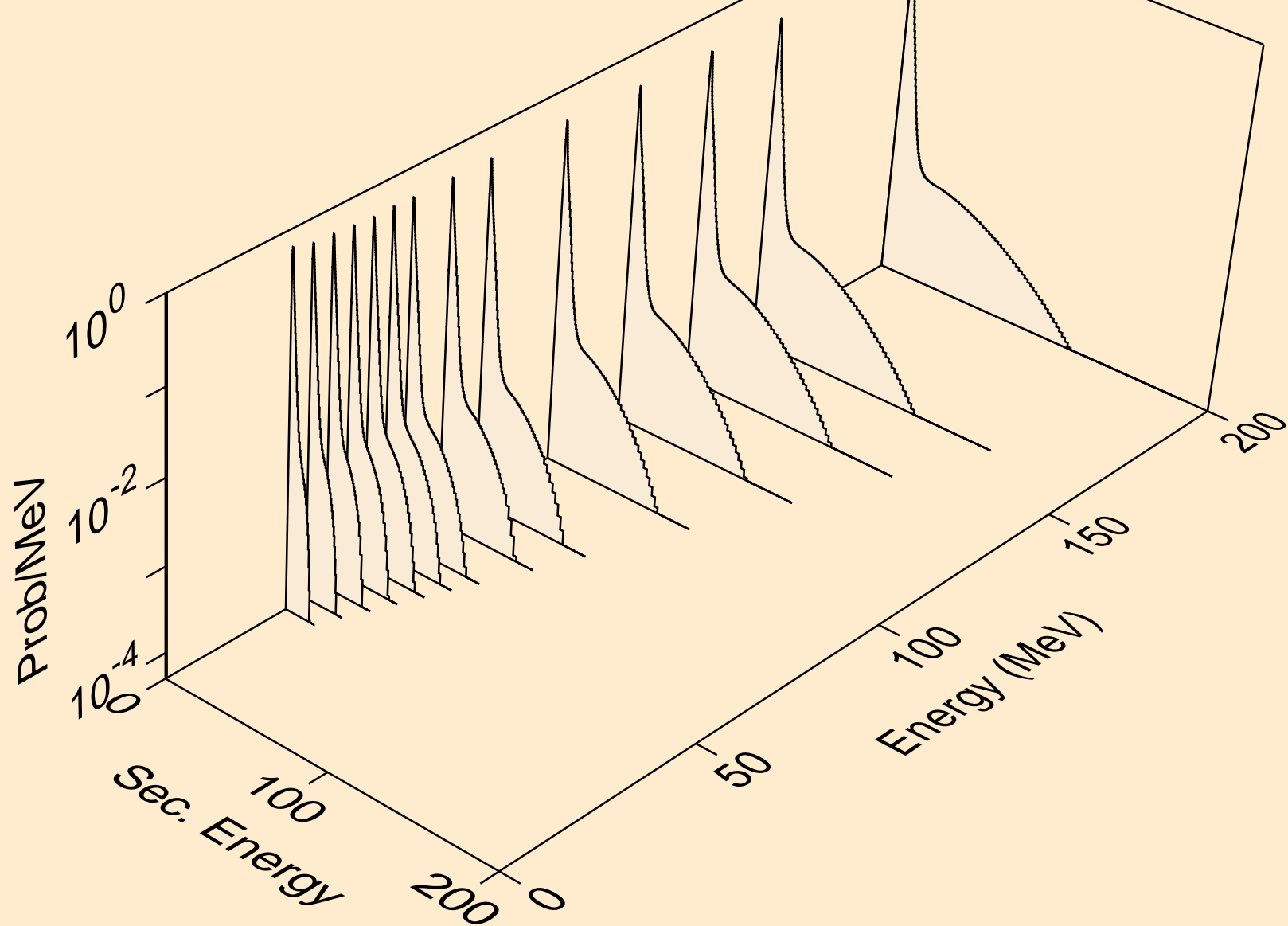
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



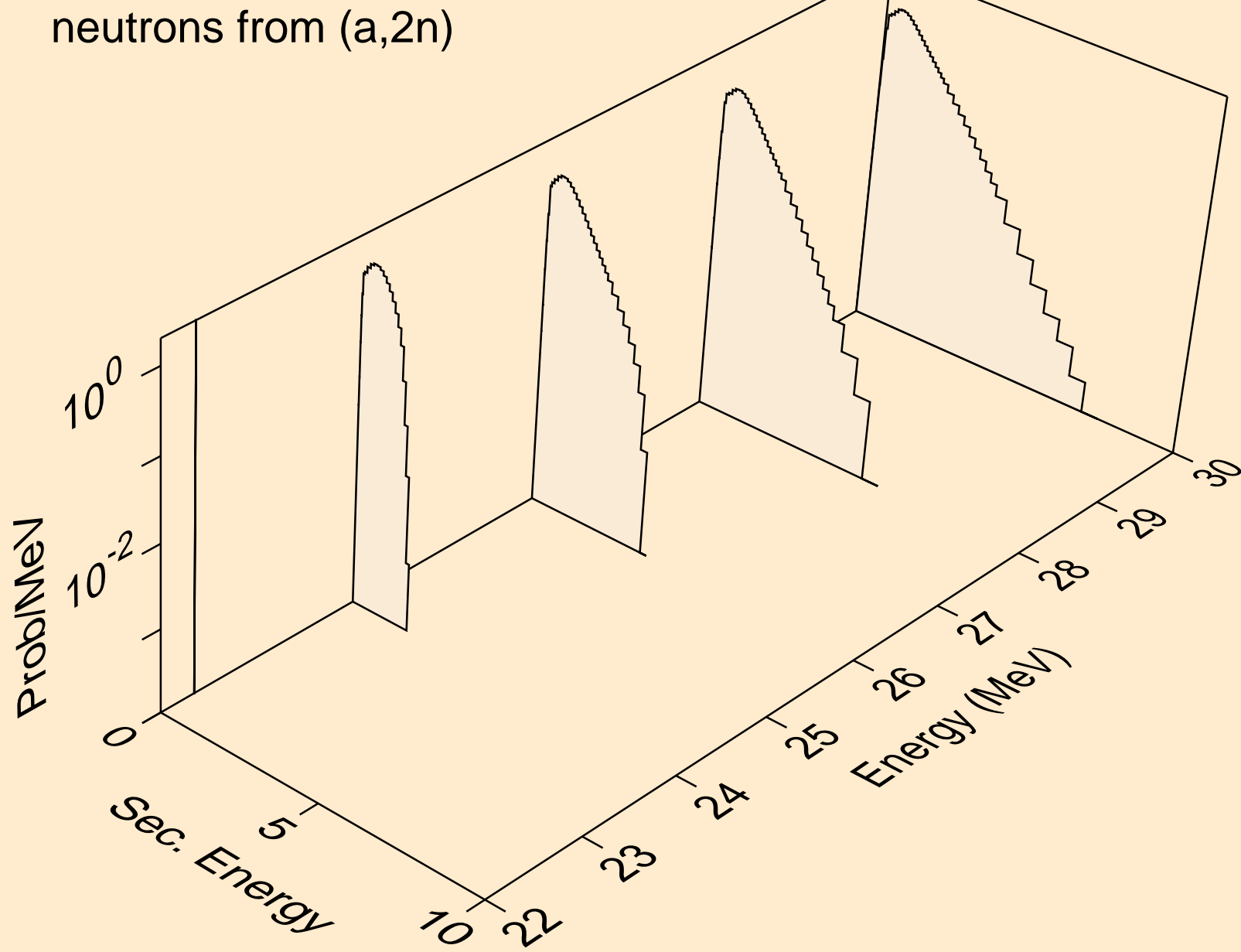
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

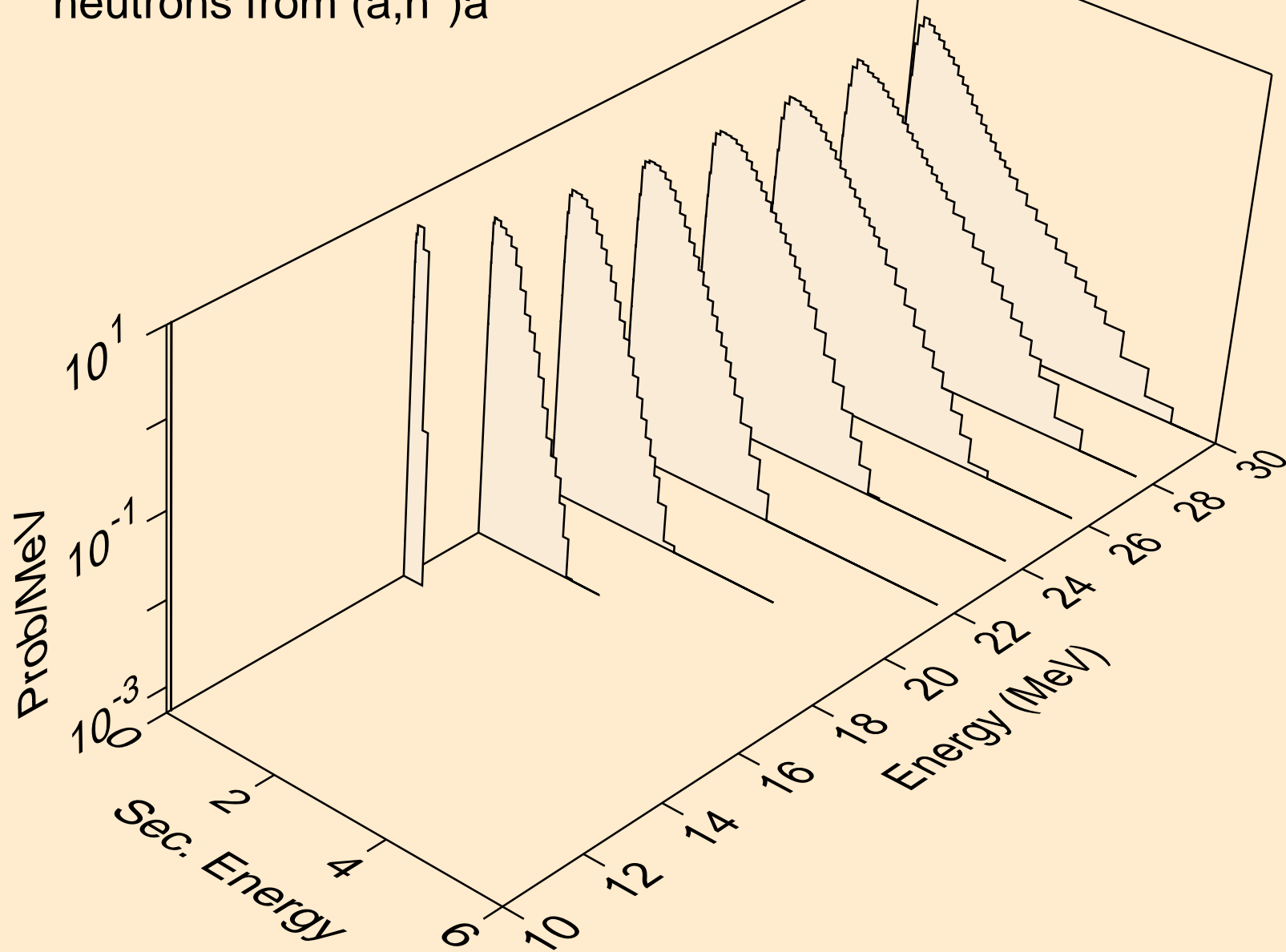


LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

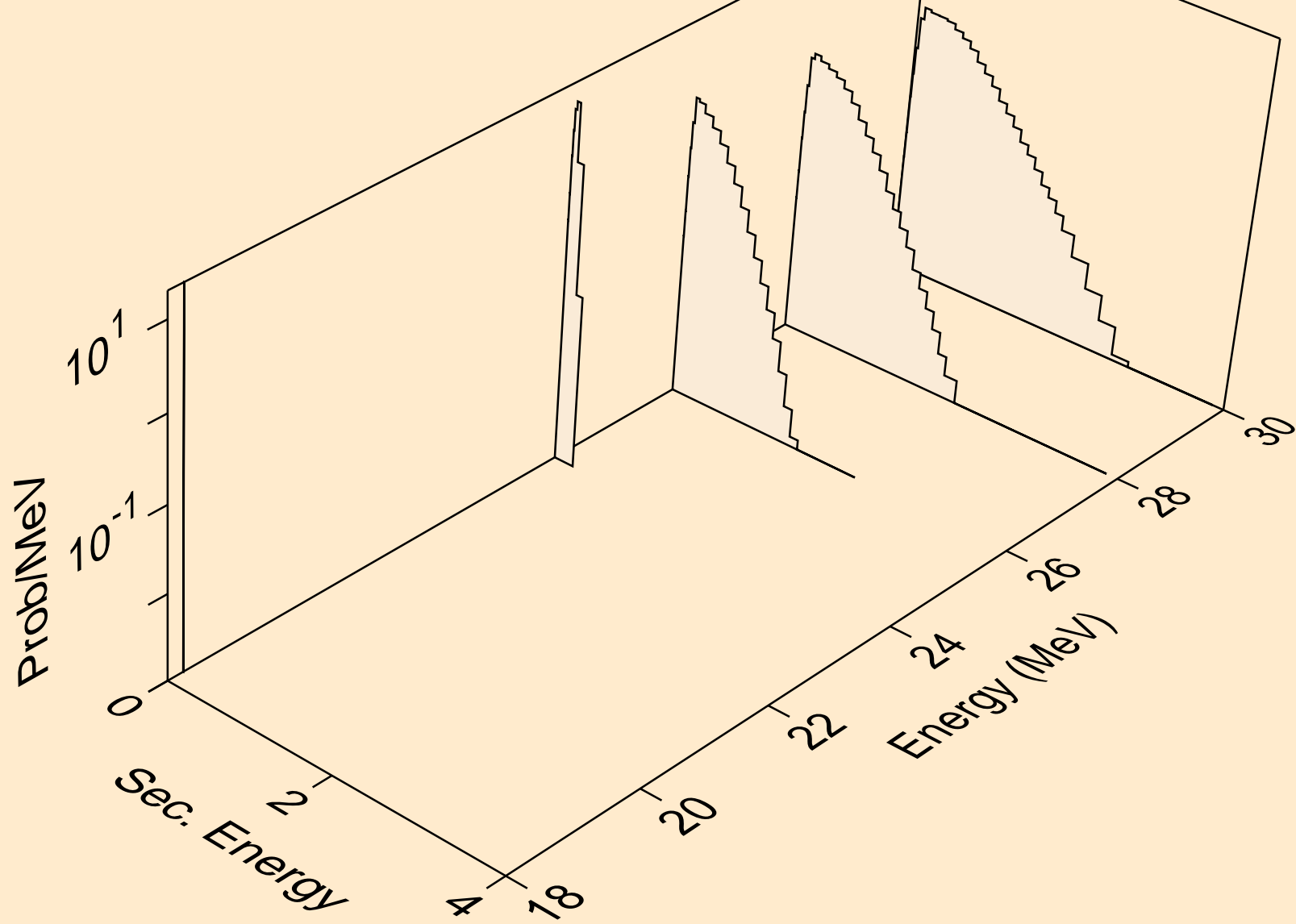




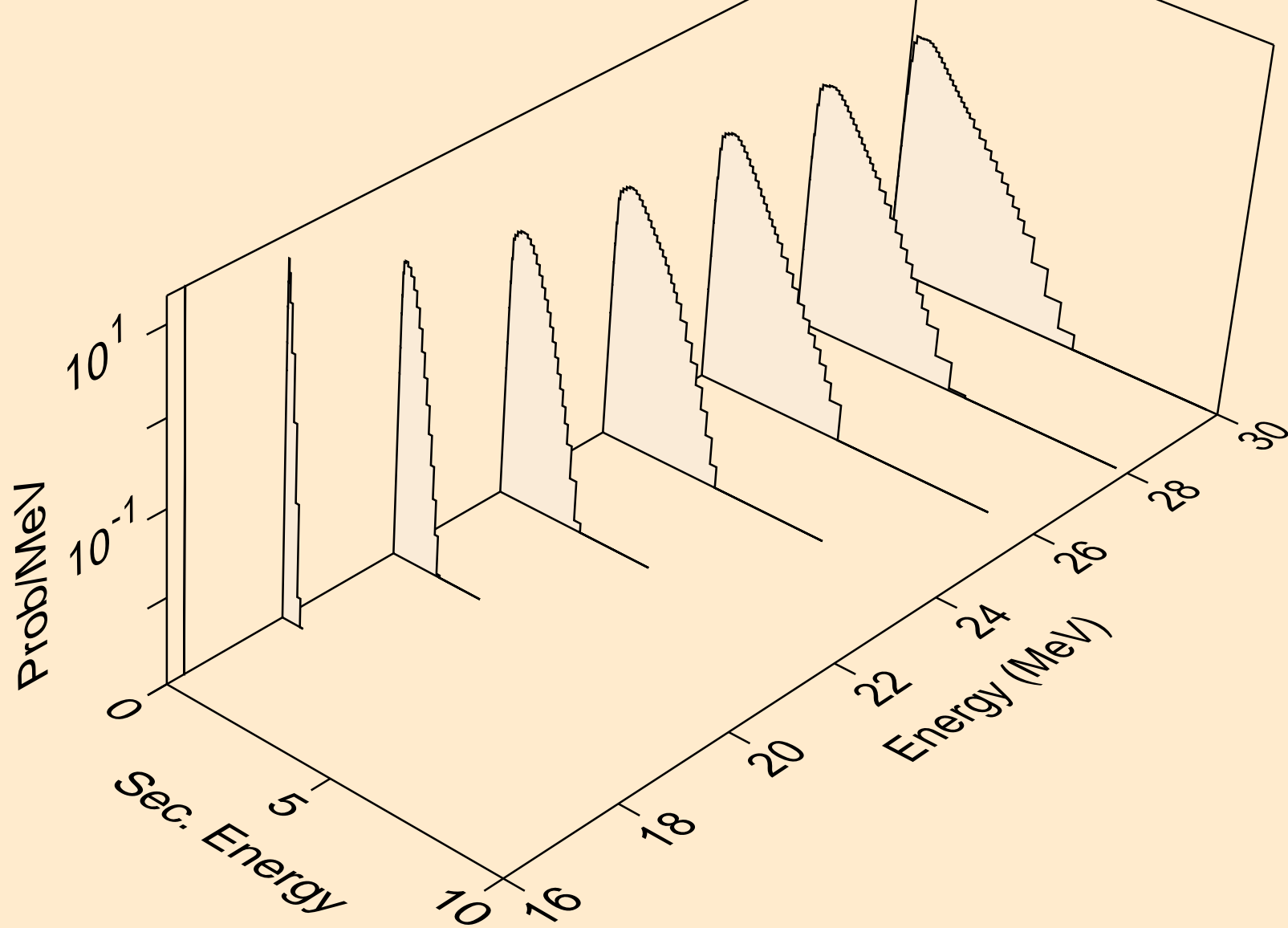
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neutrons from (a,n\*)a



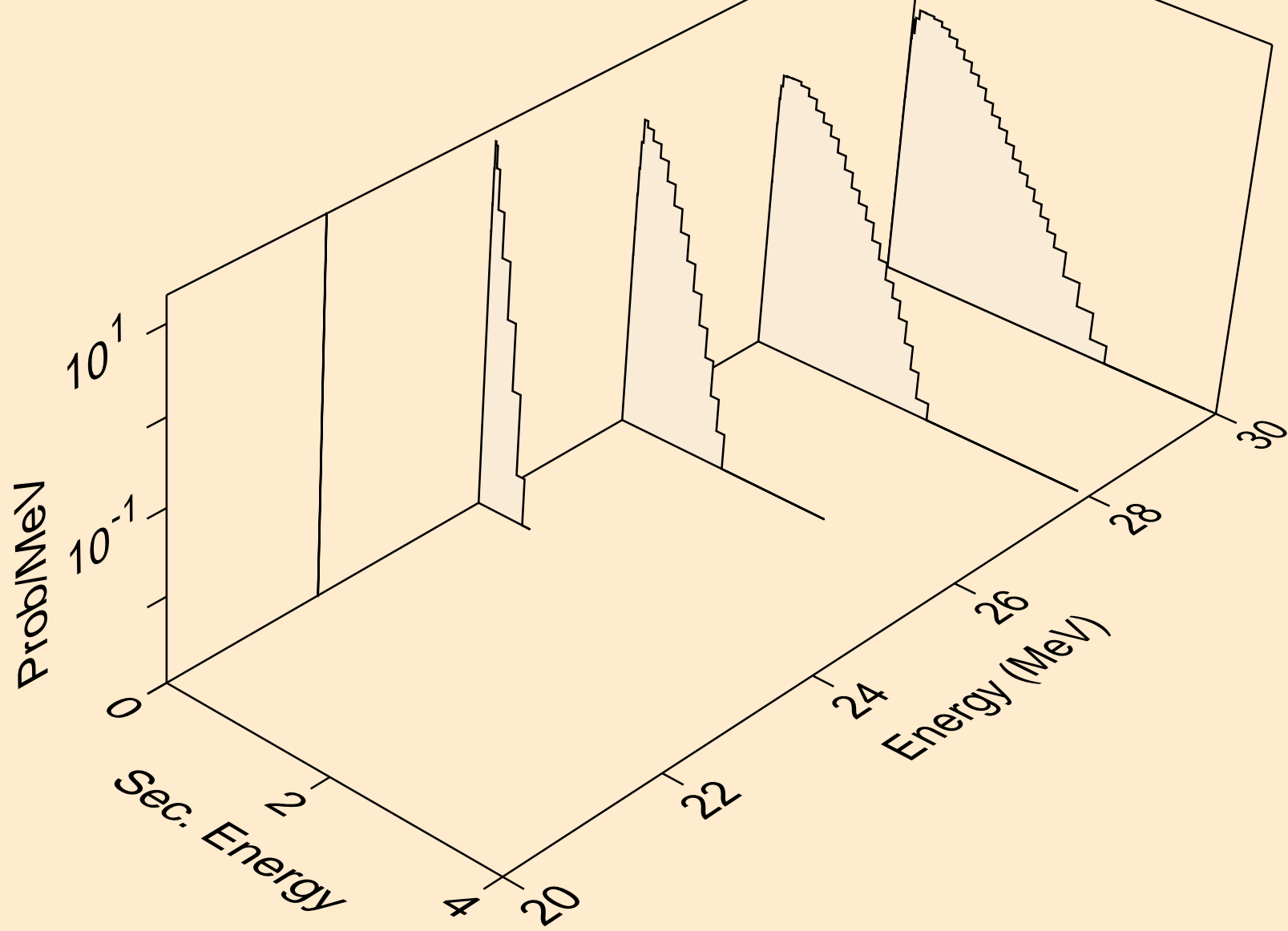
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neutrons from (a,2n)a



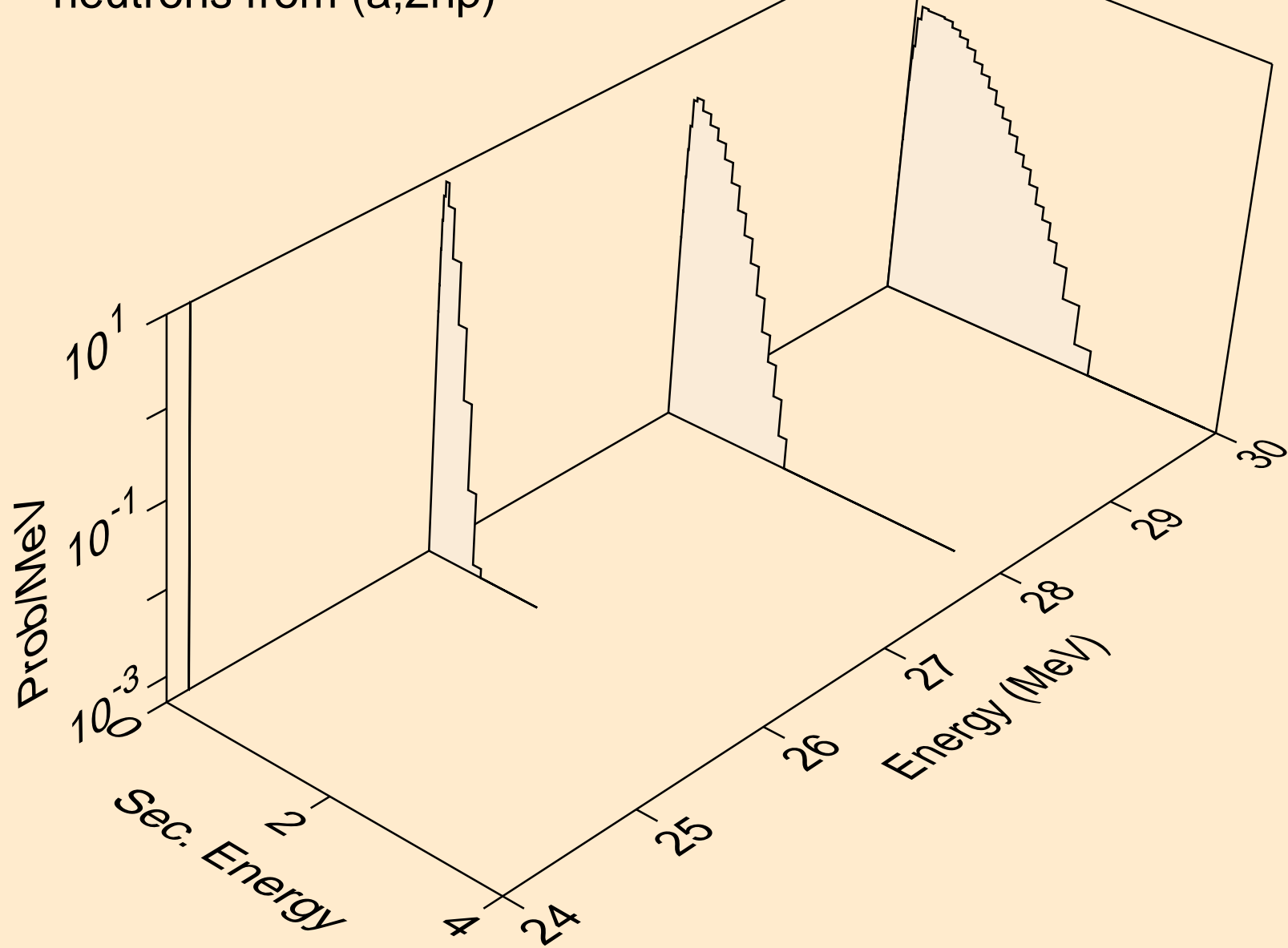
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neutrons from (a,n\*)p



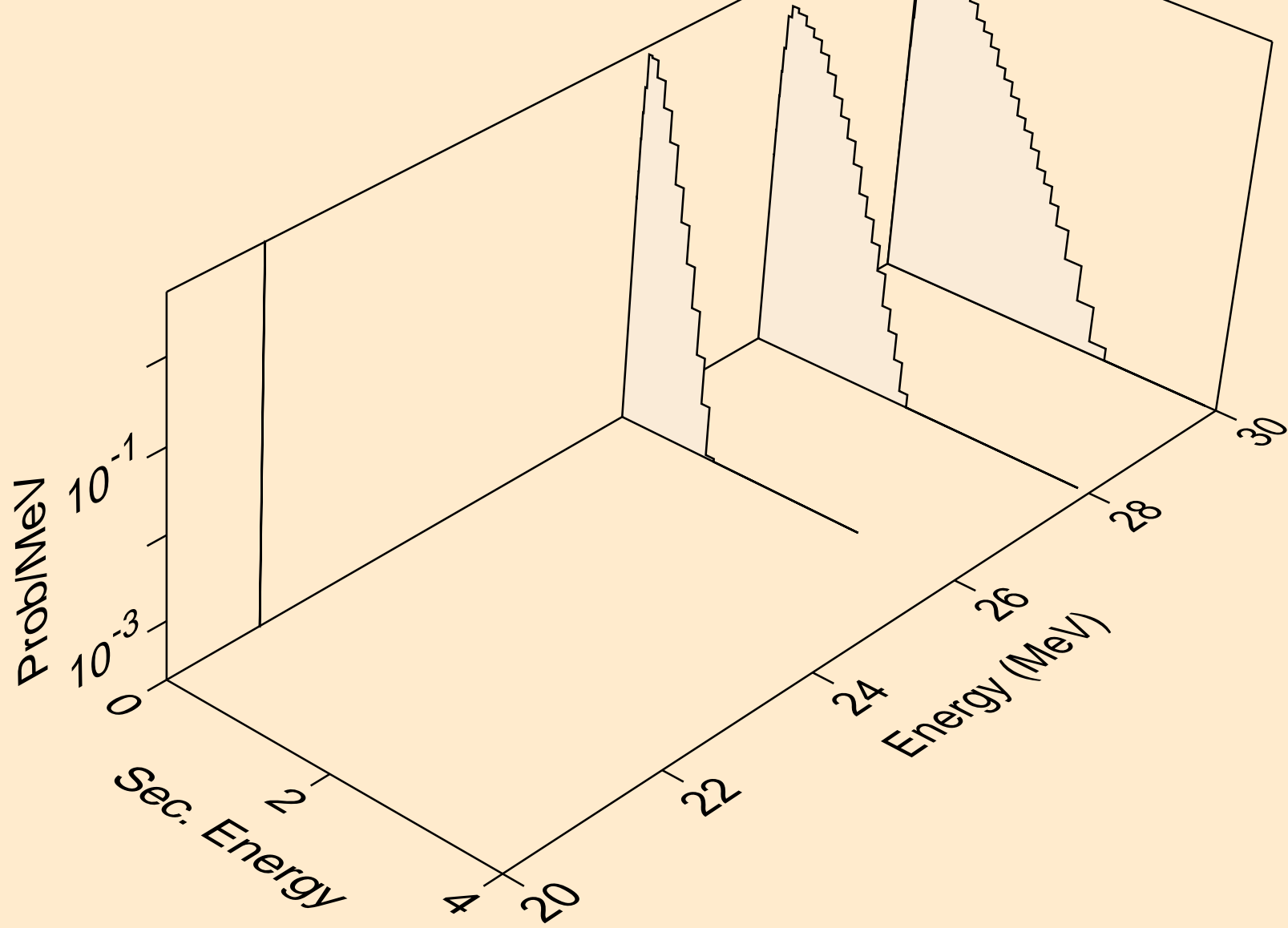
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neutrons from (a,n\*)d



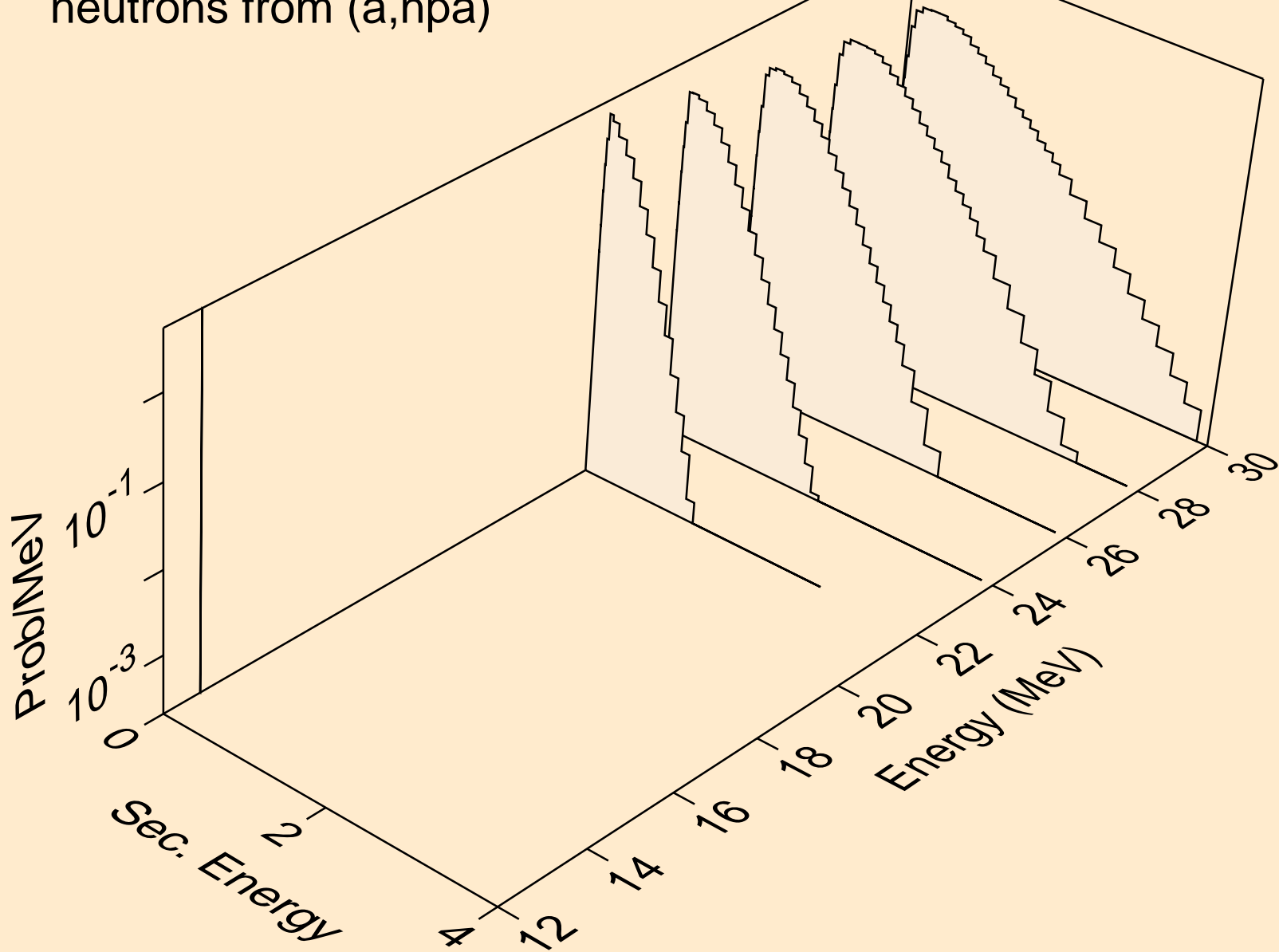
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neutrons from (a,2np)



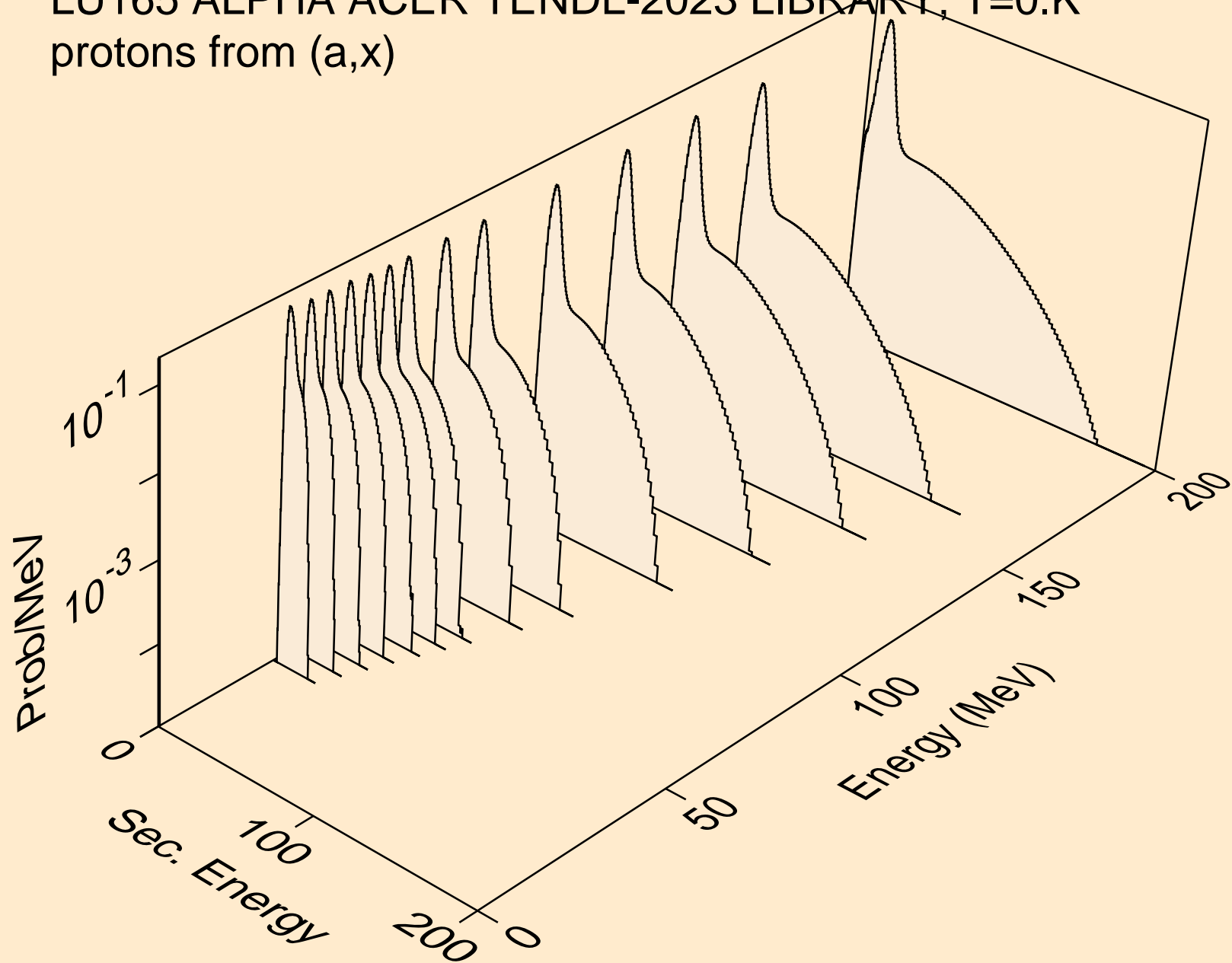
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neutrons from (a,n2p)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

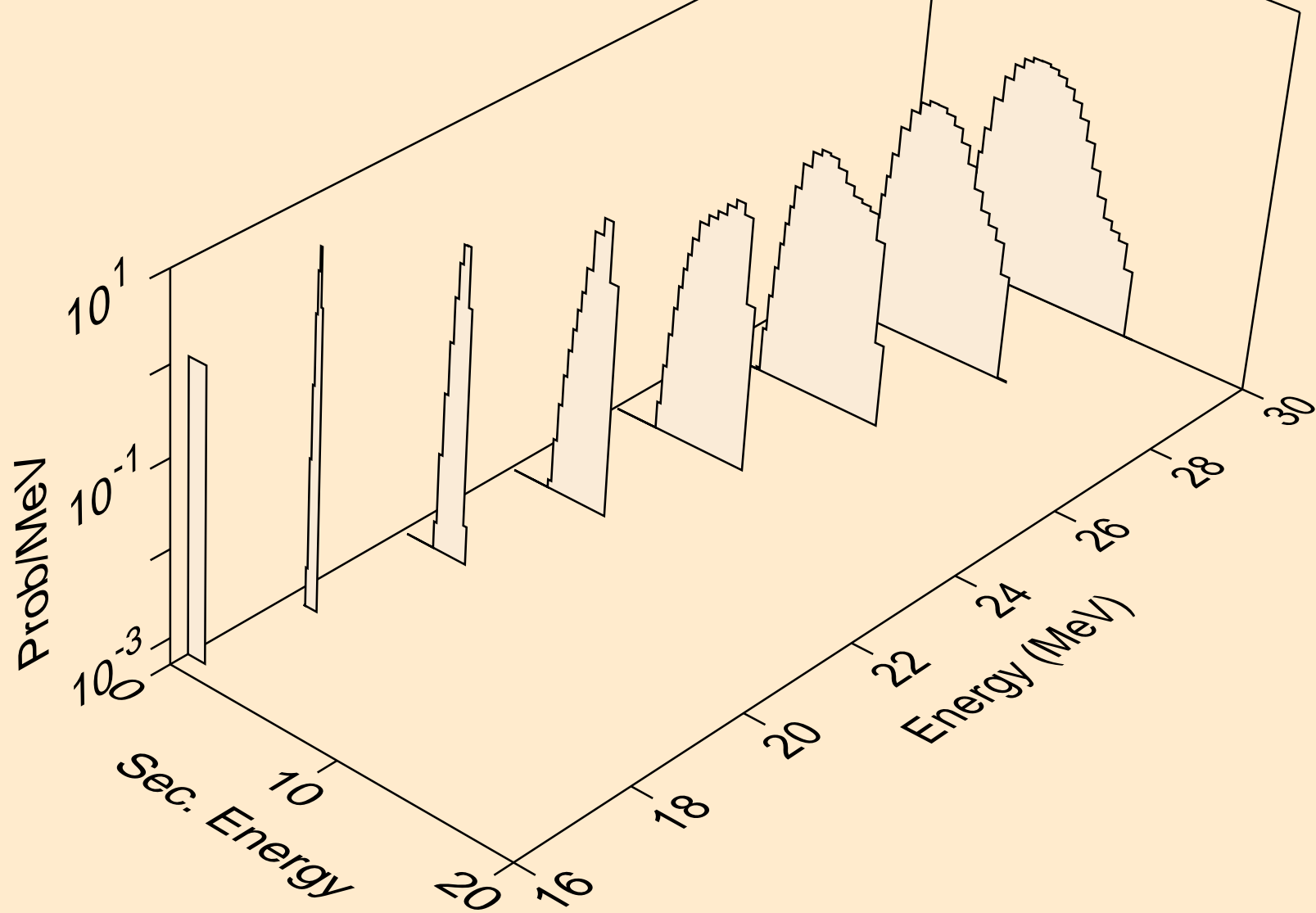


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protons from (a,x)

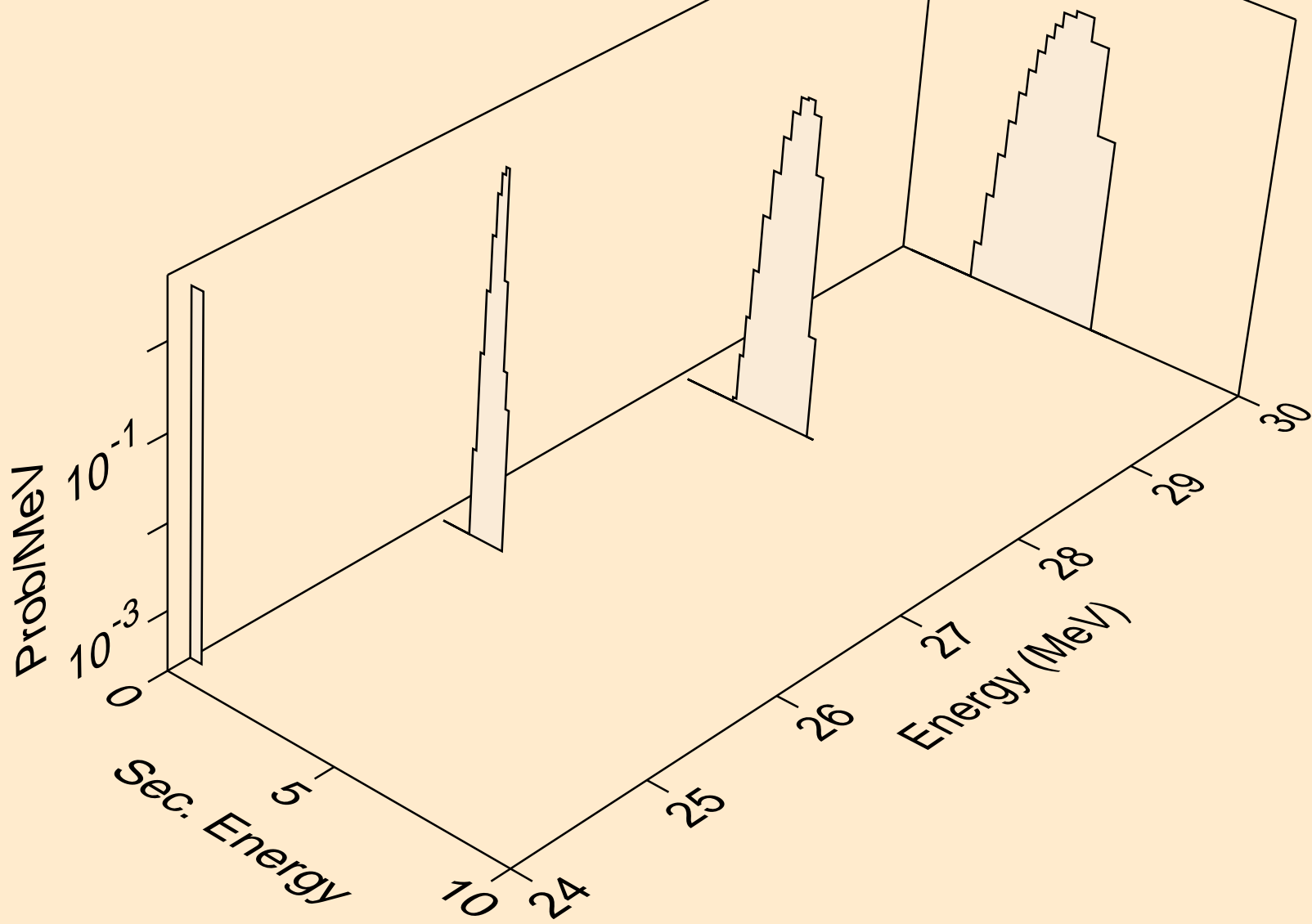




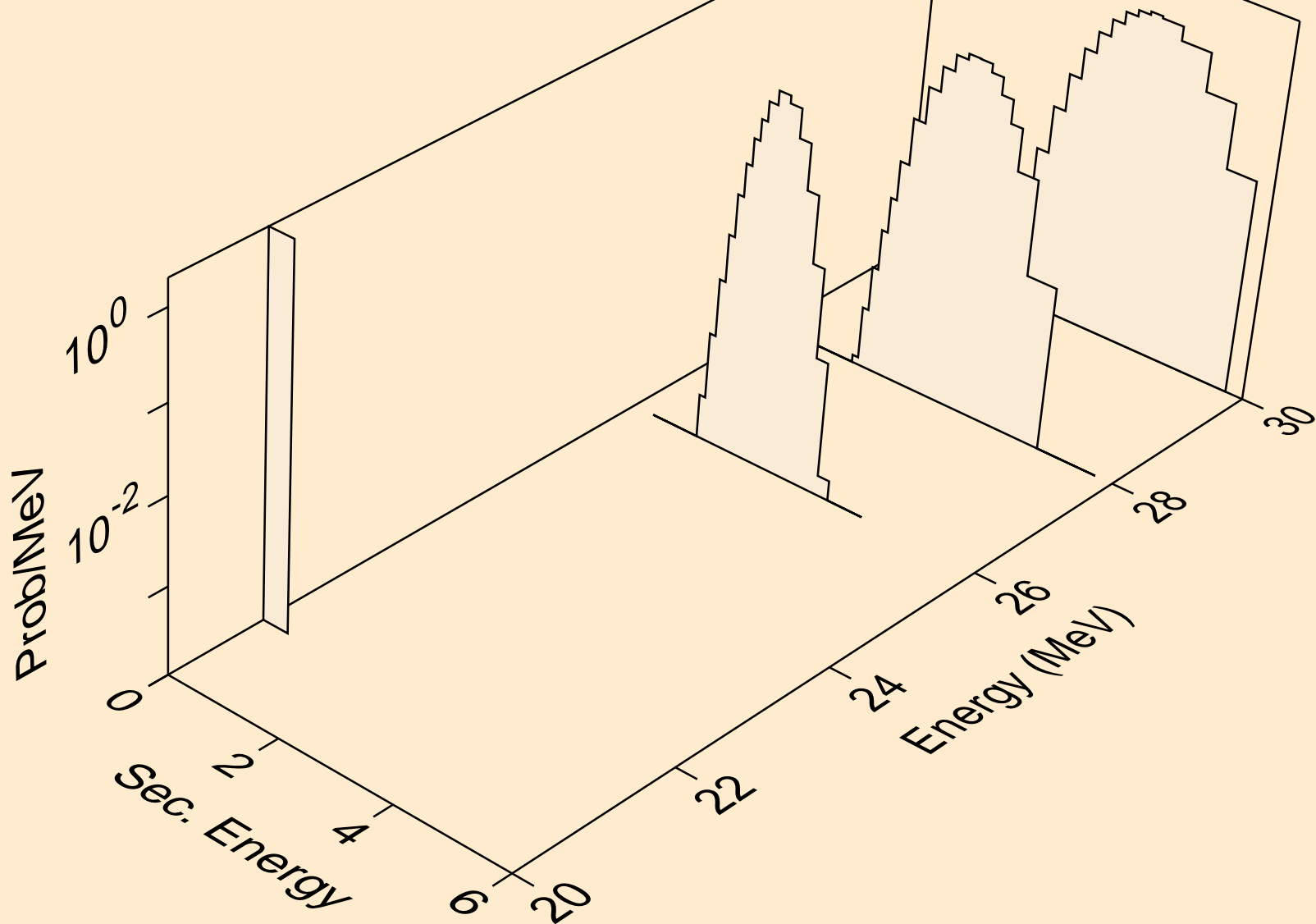
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protons from (a,n\*)p



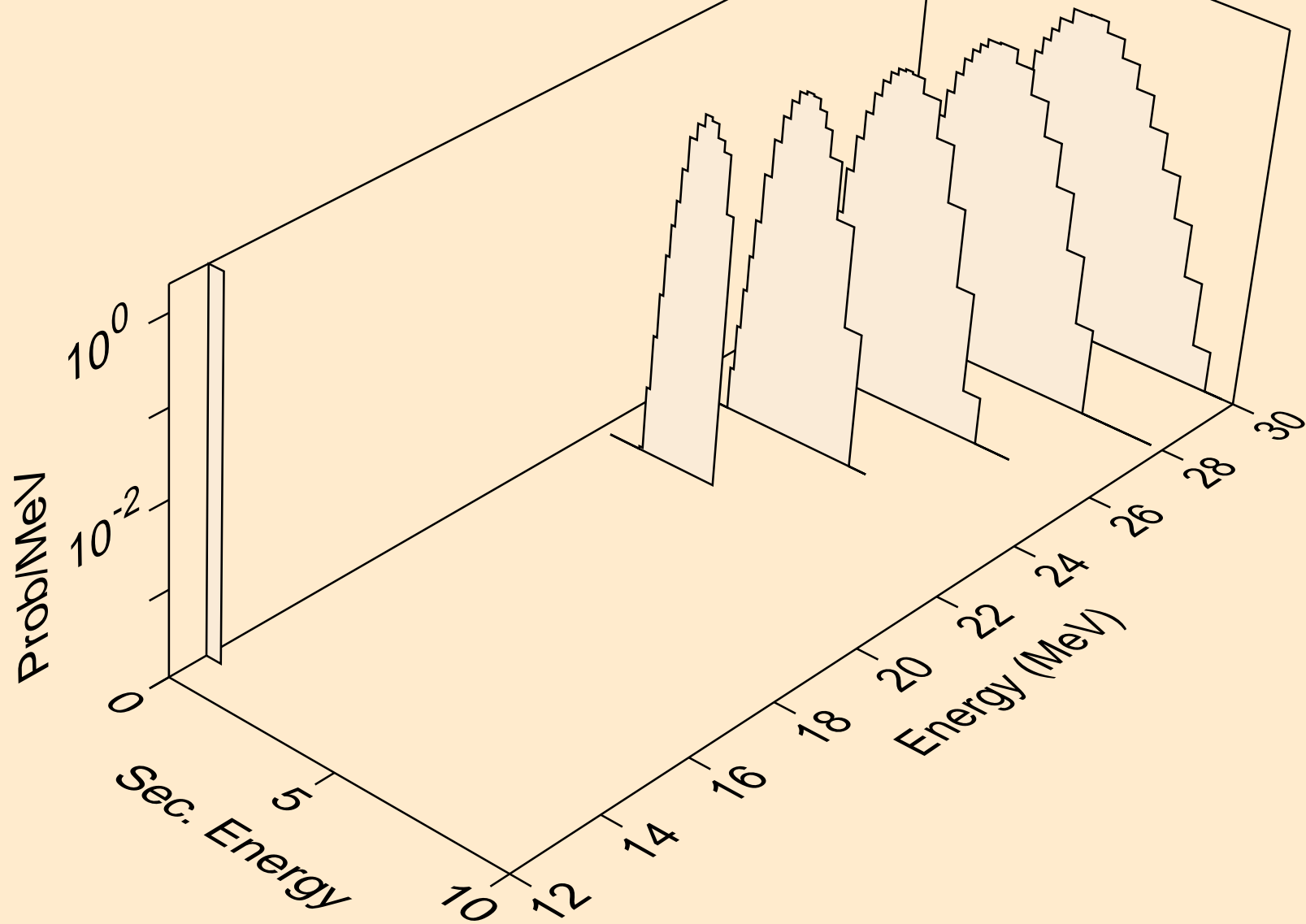
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protons from (a,2np)



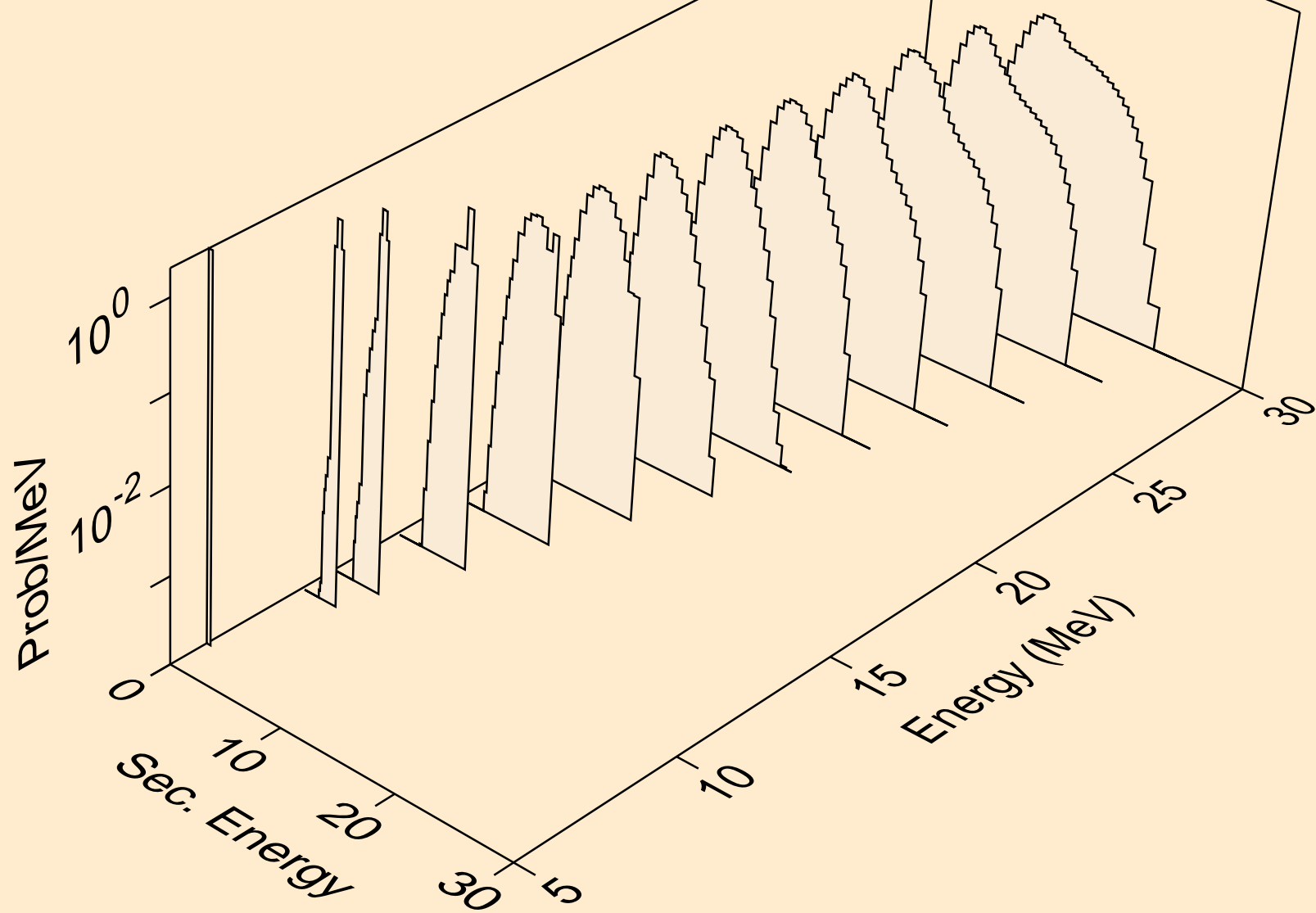
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protons from (a,n2p)



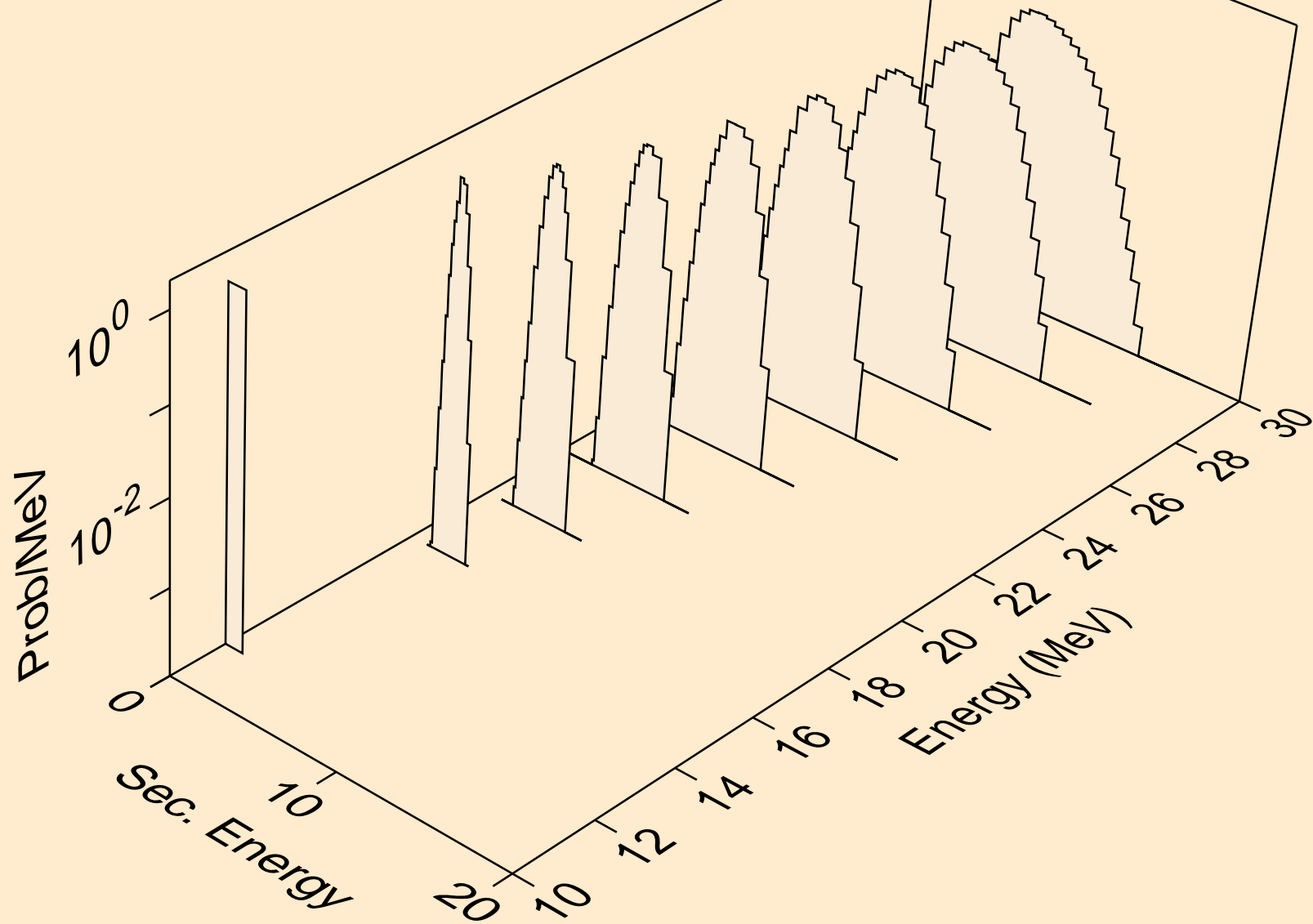
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protons from (a,npa)



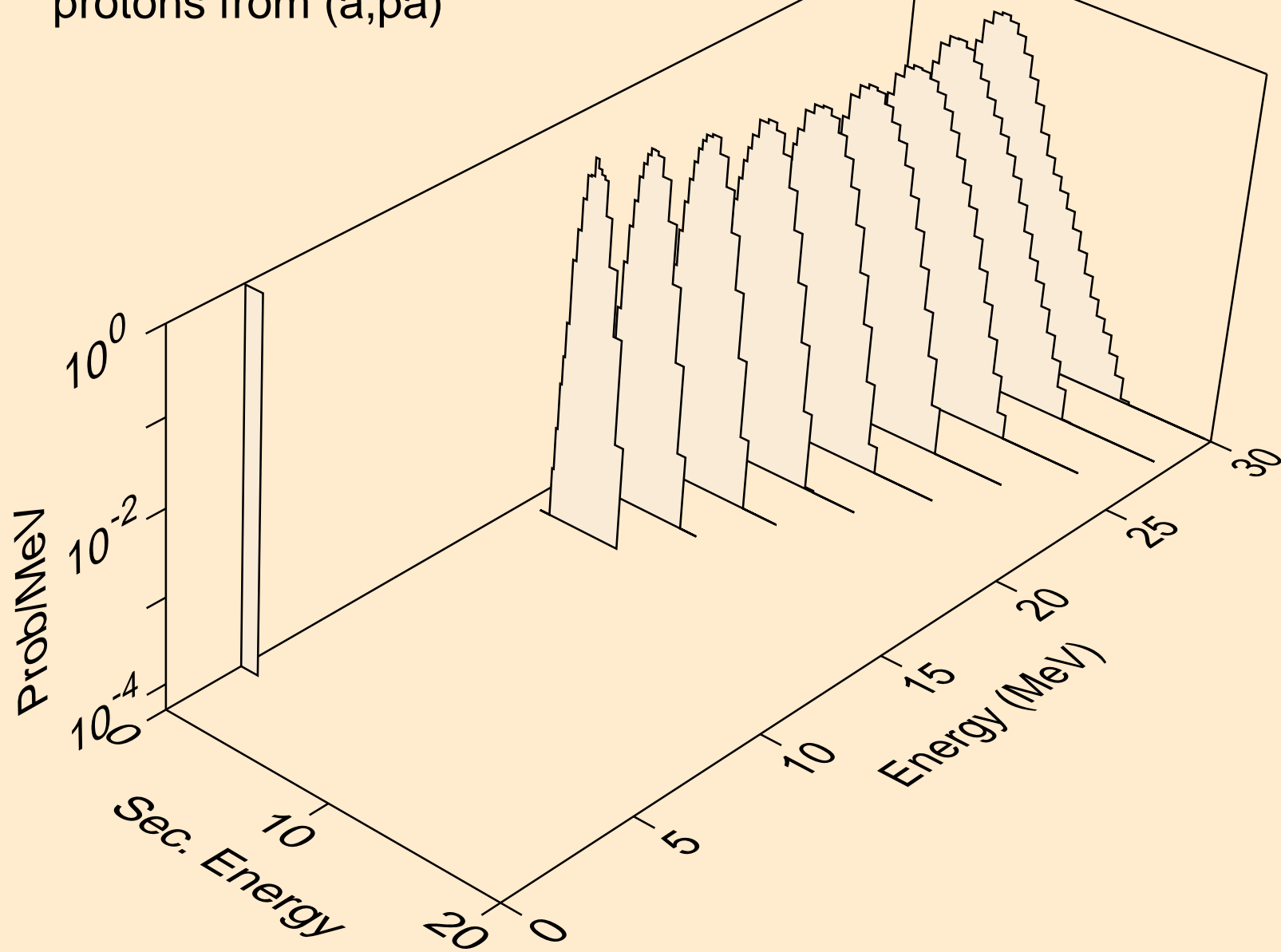
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protons from (a,p)



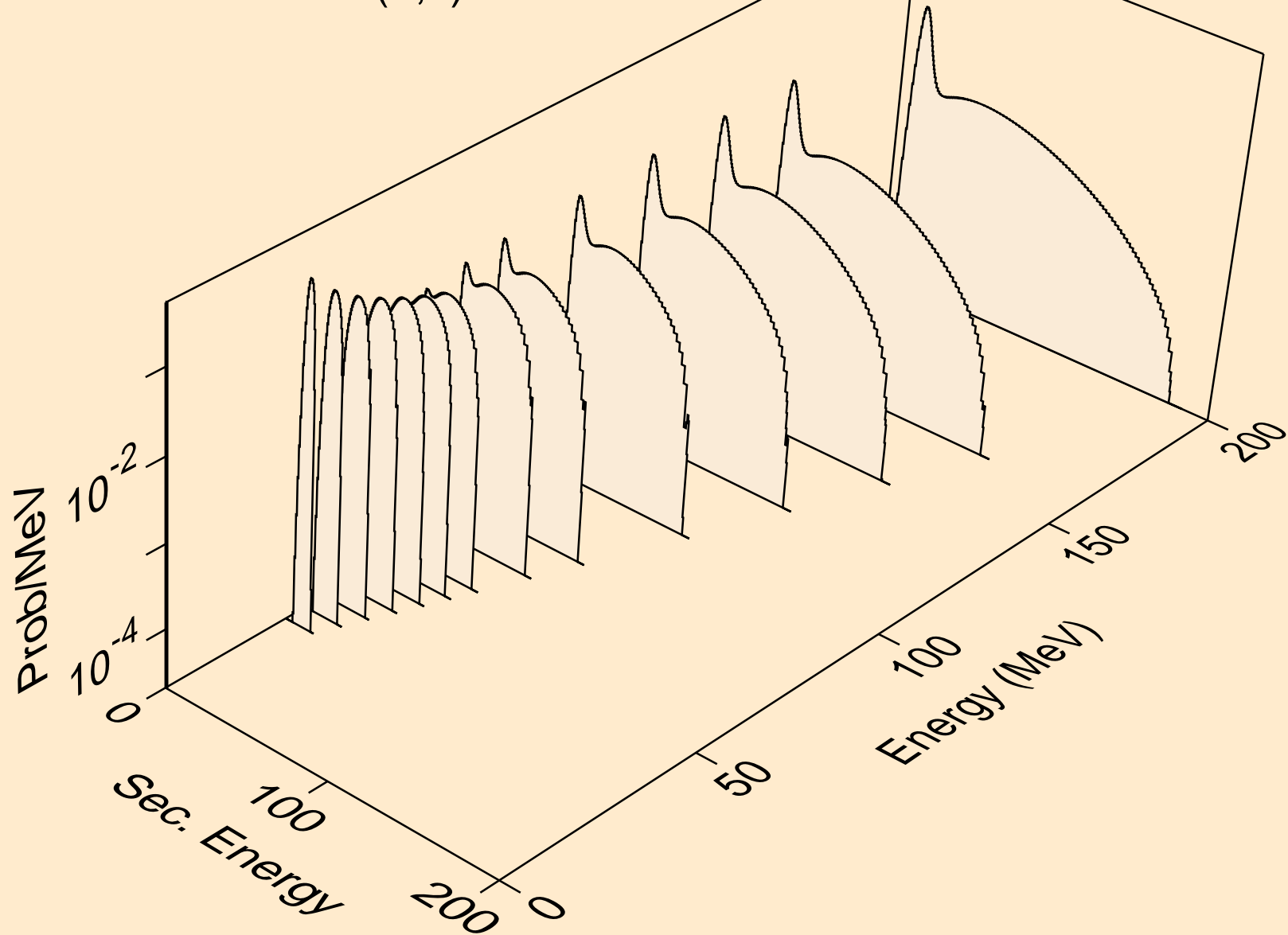
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

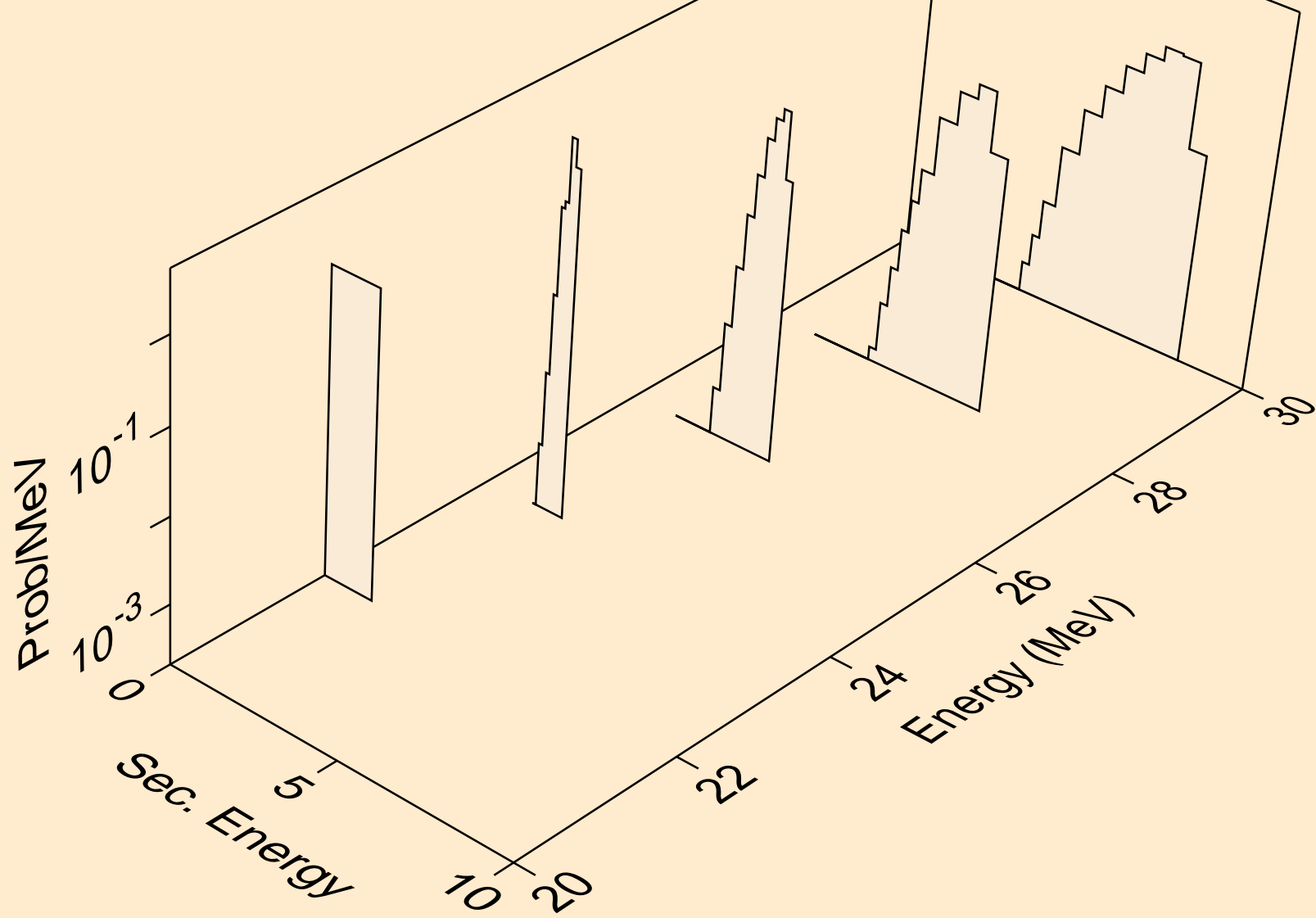


LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

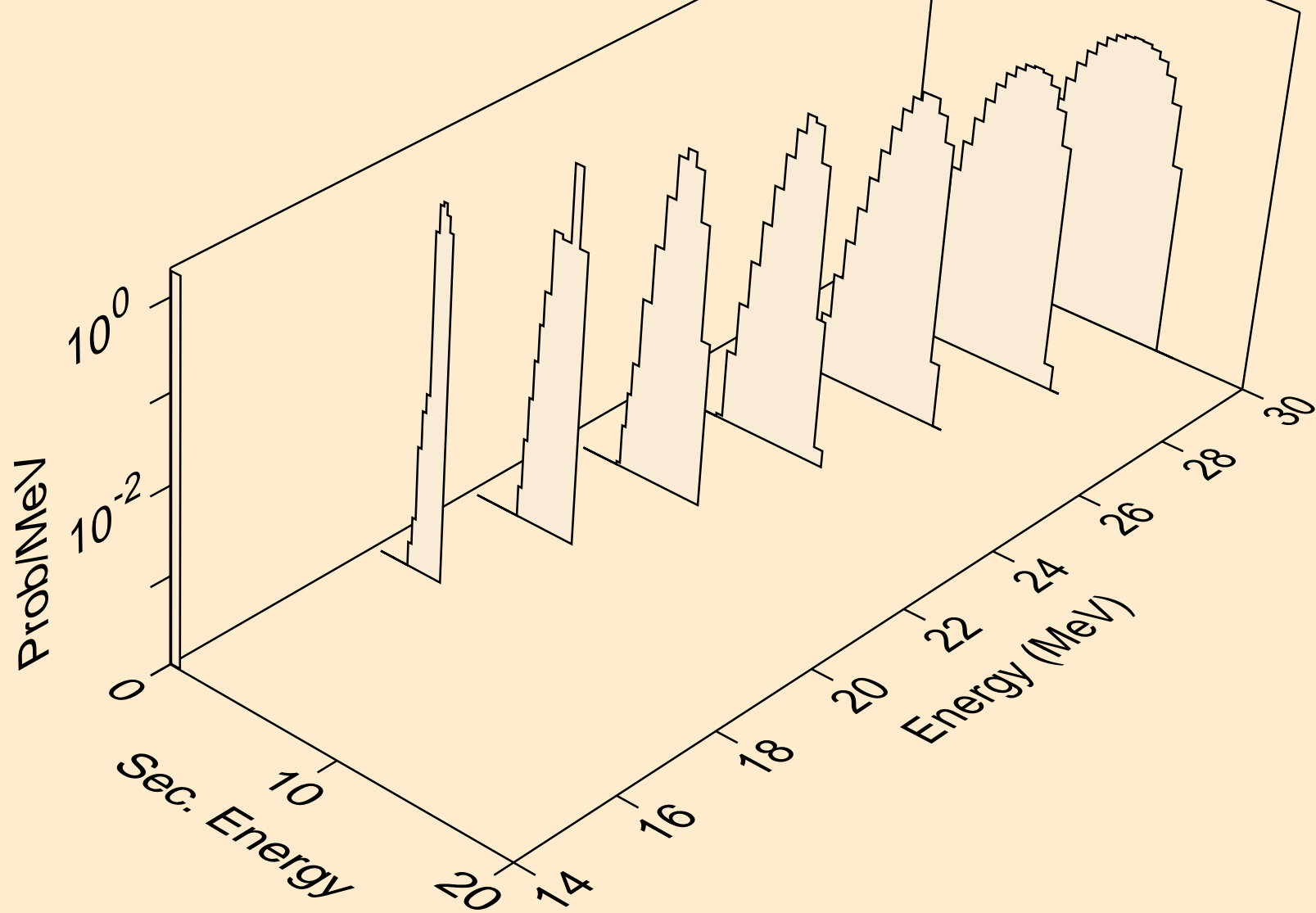




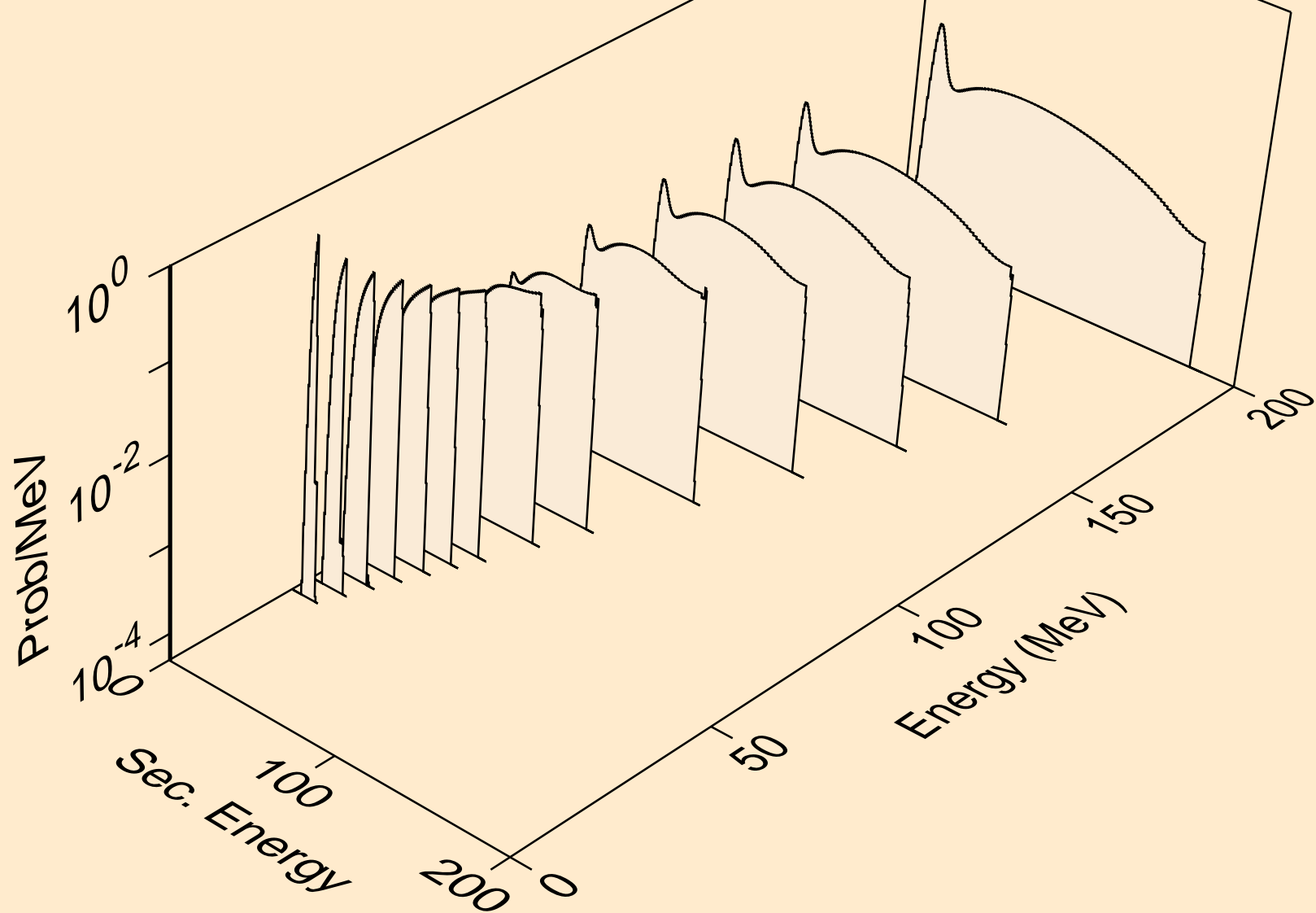
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



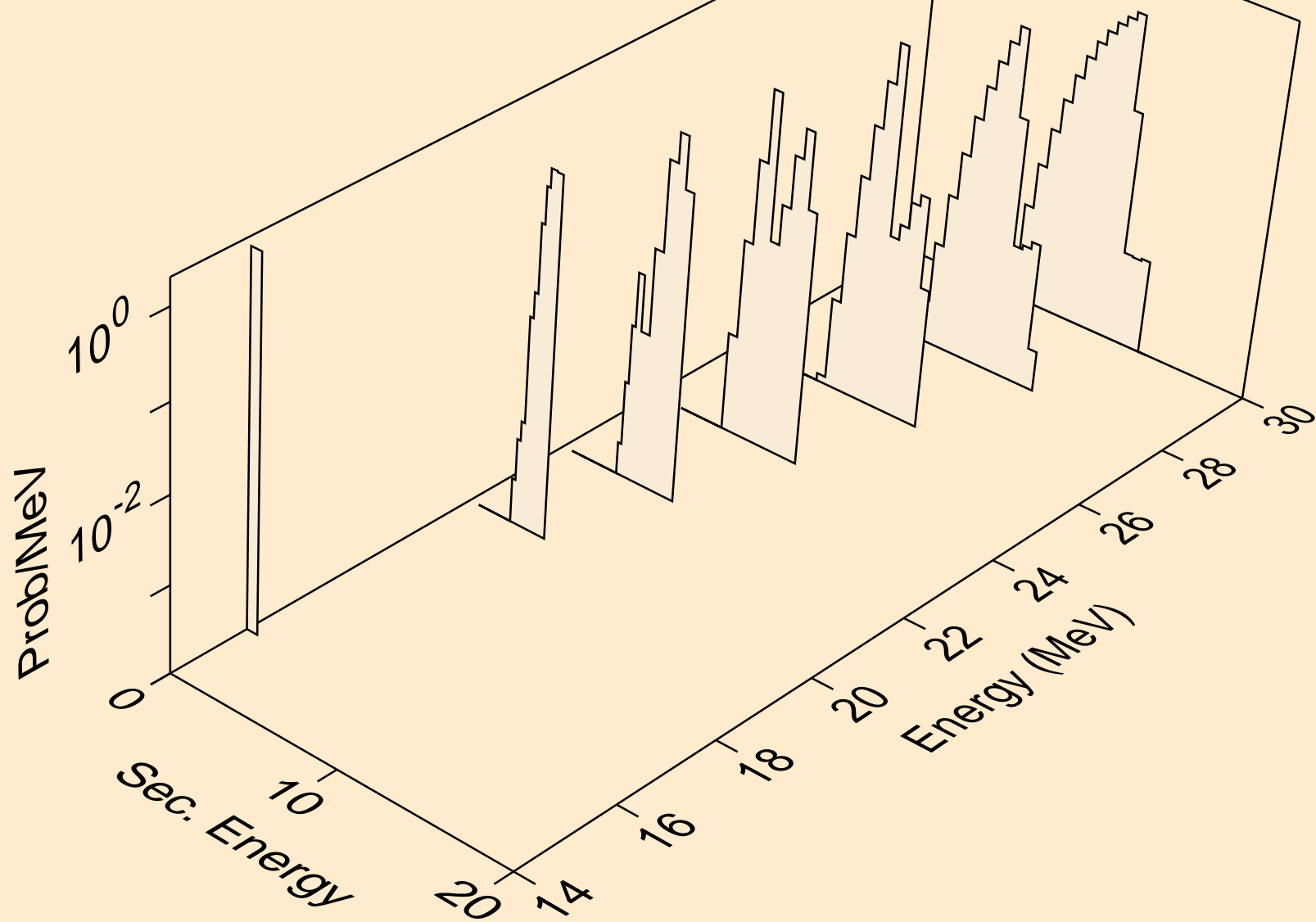
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



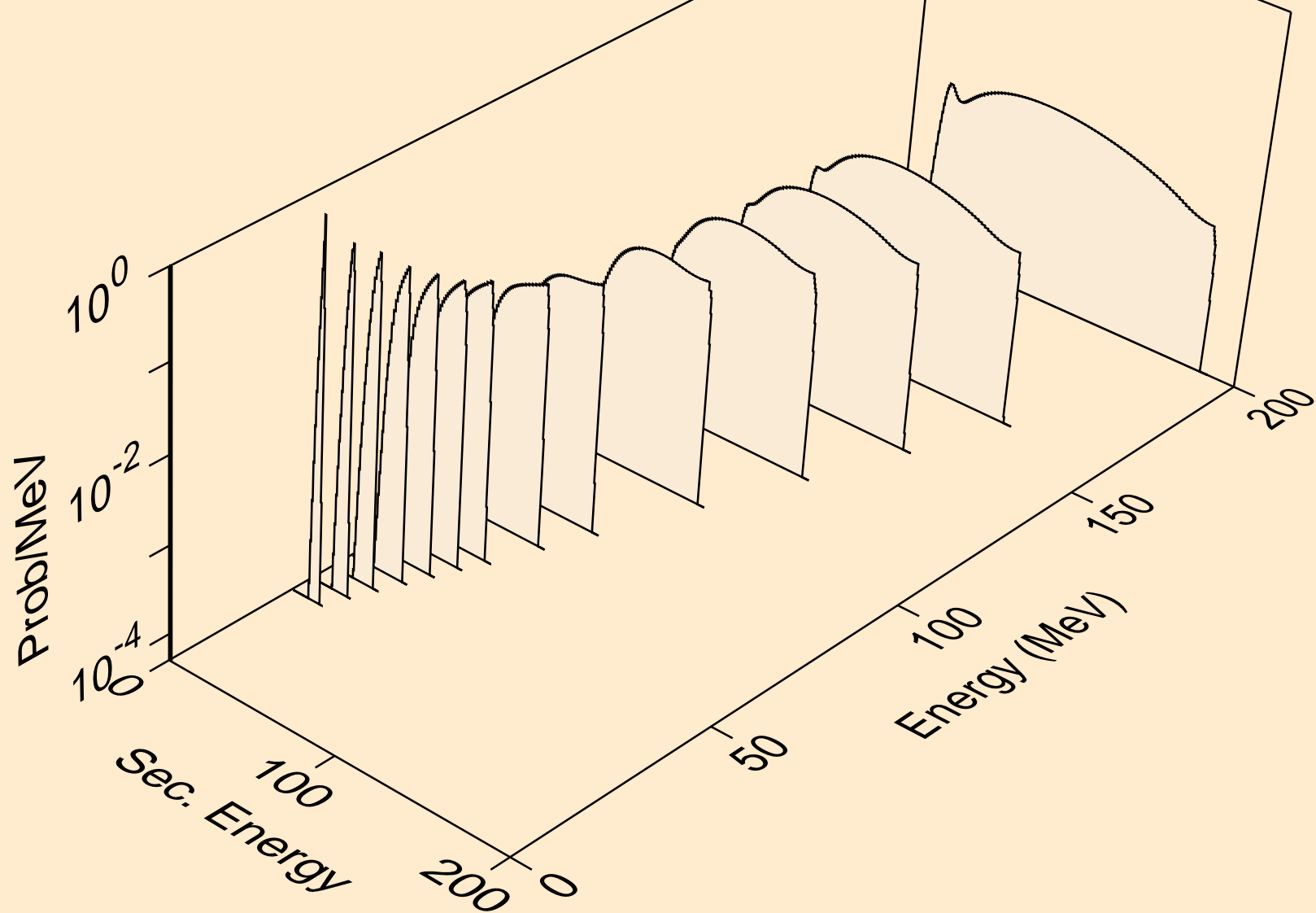
LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LU165 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

