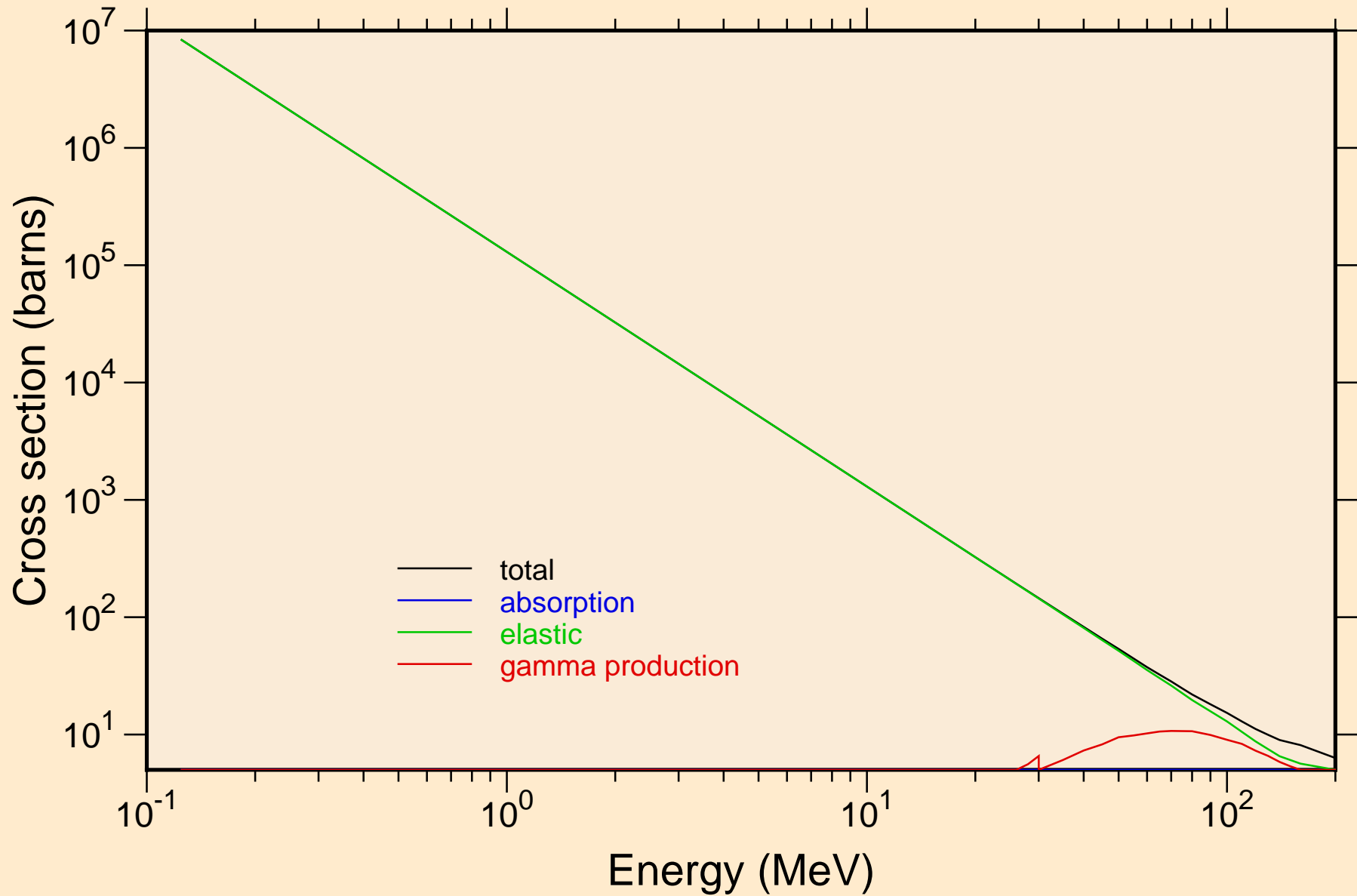
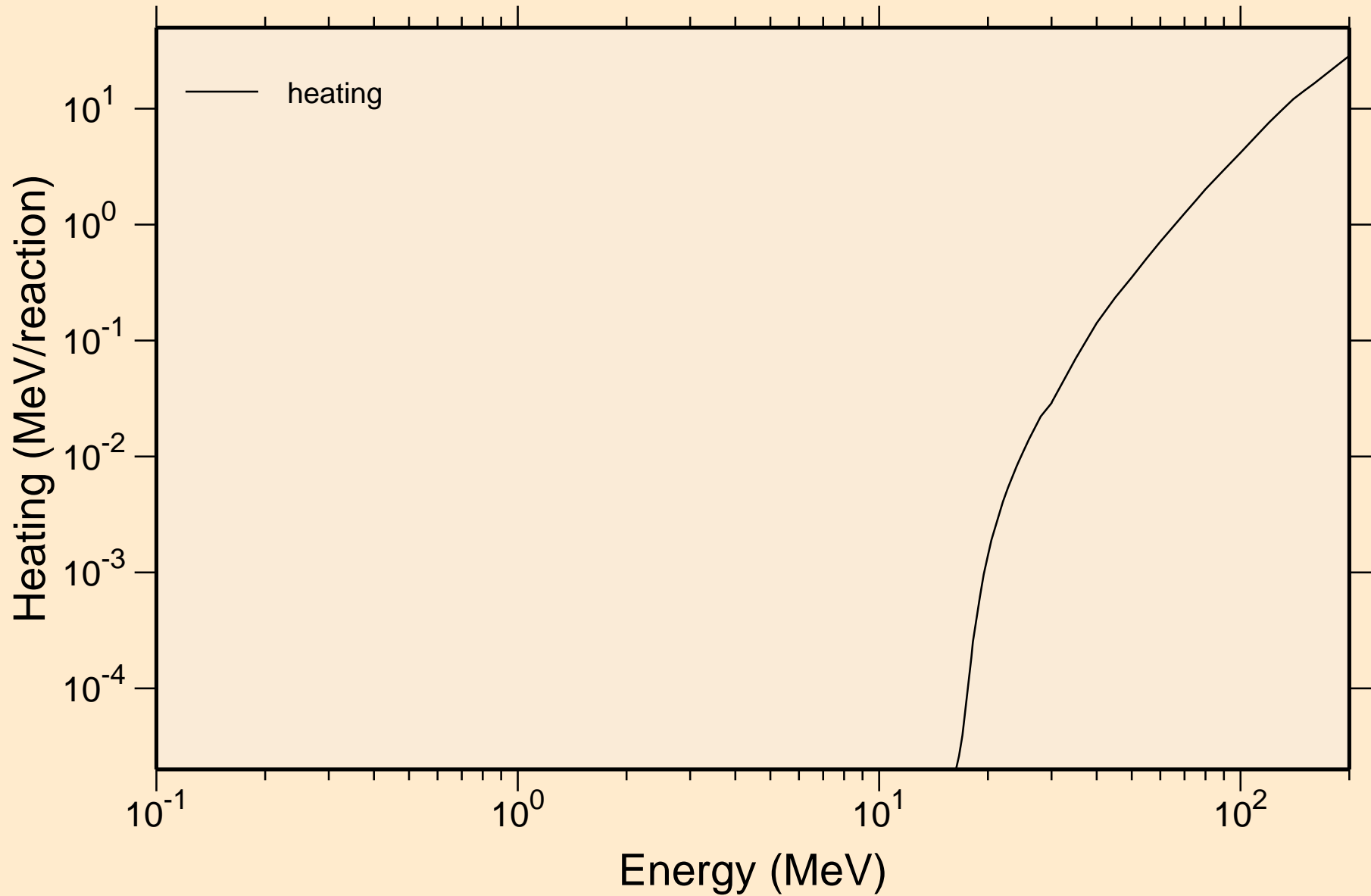


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



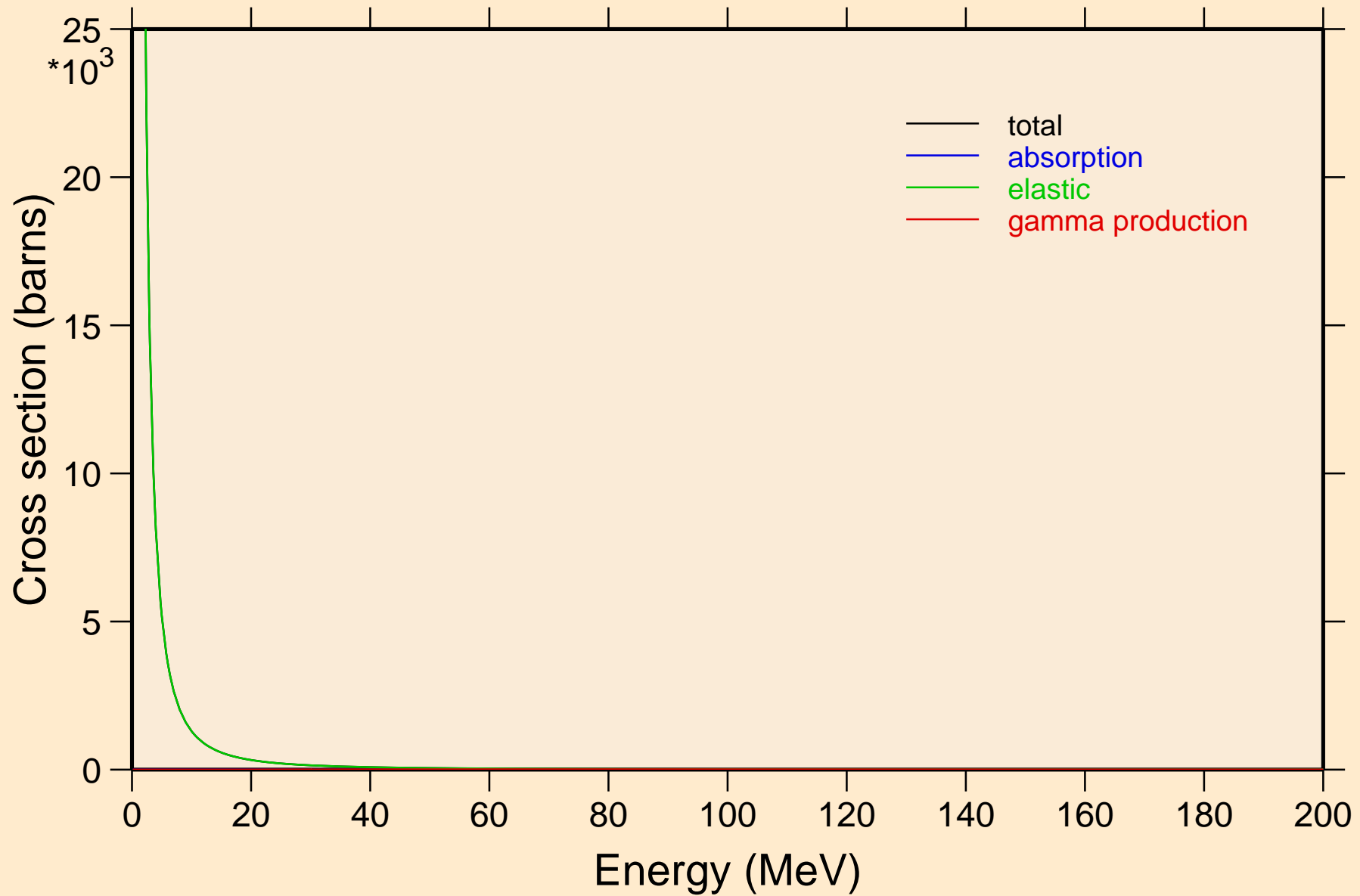
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



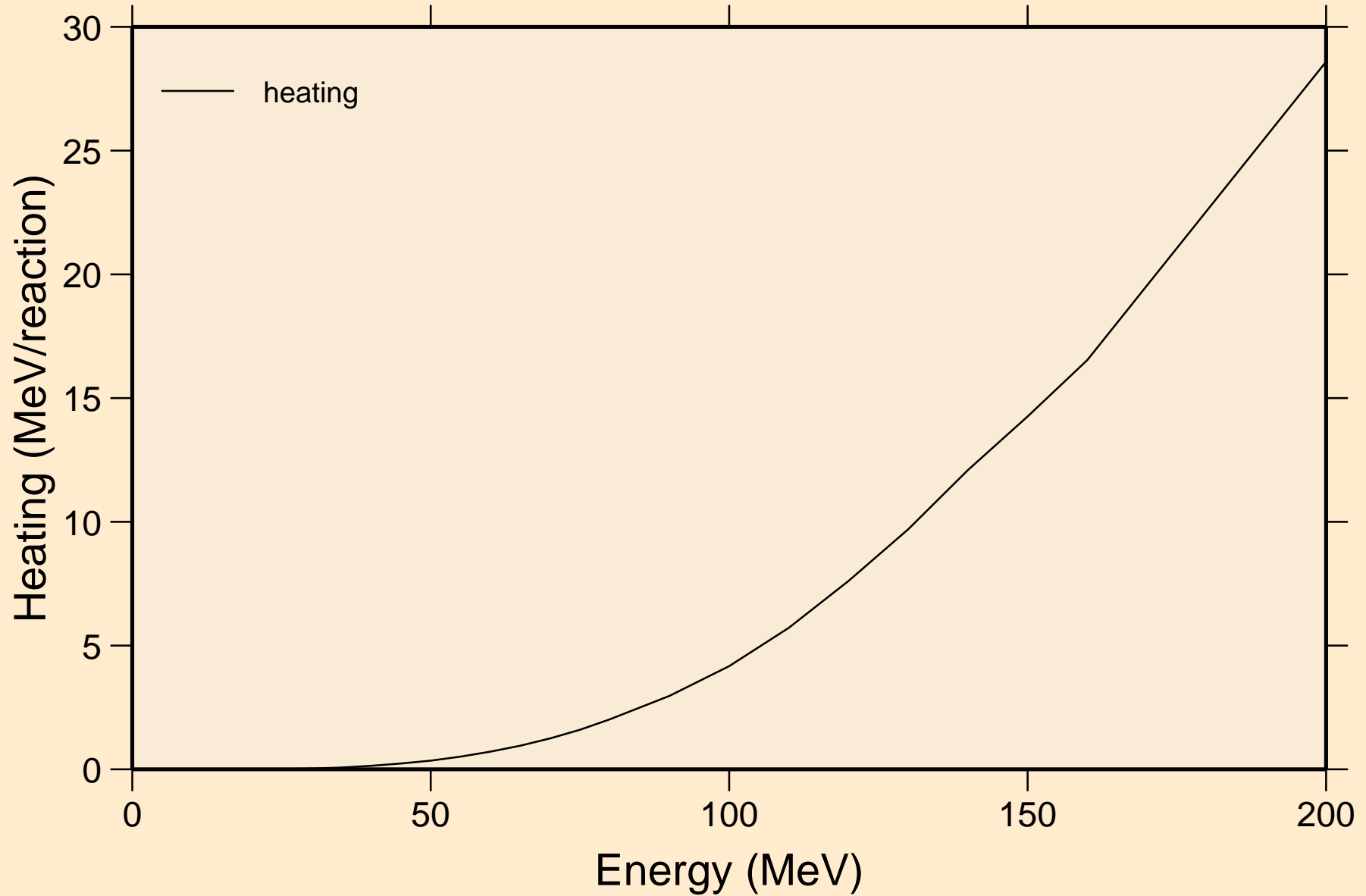
# LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

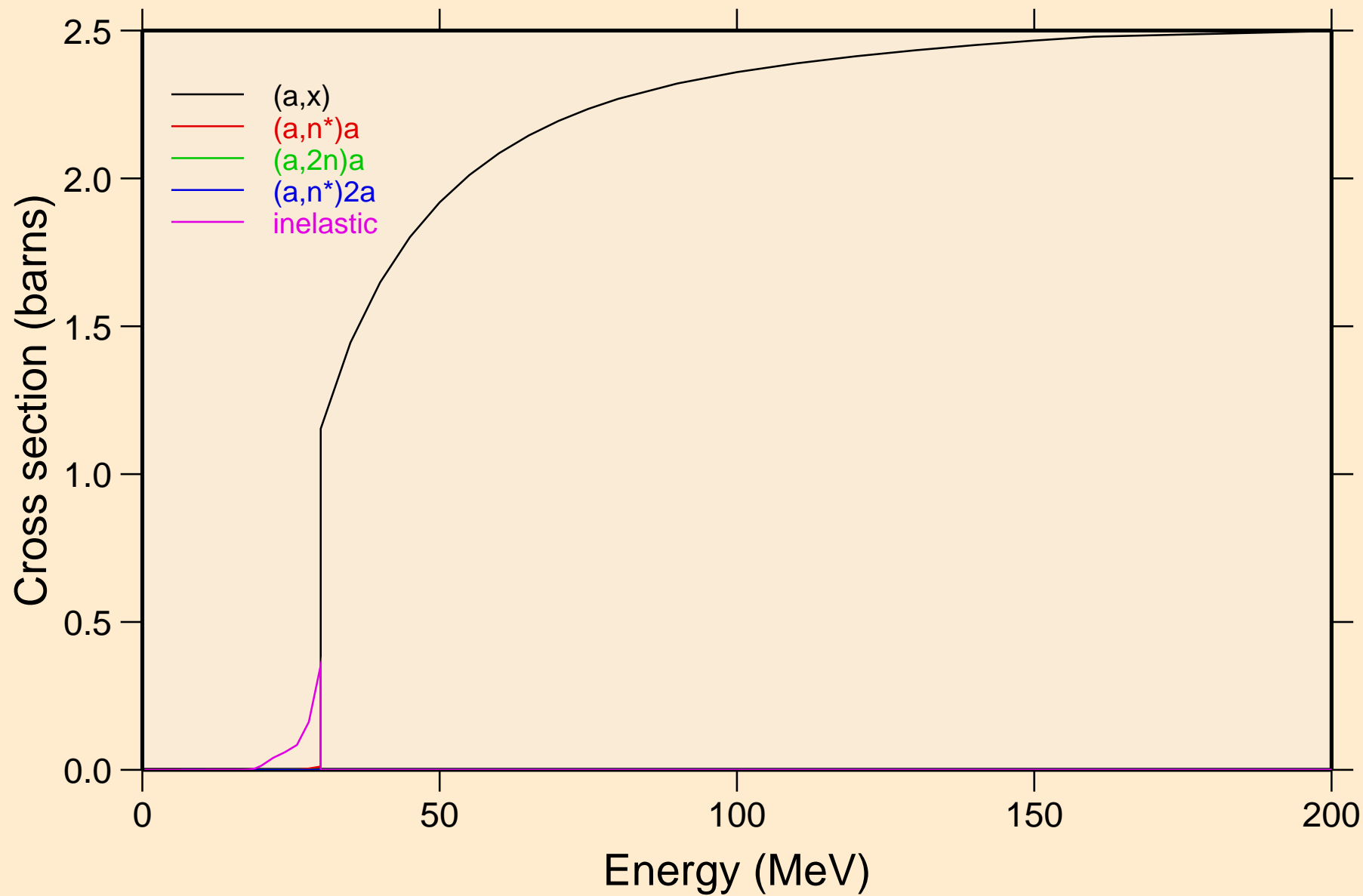


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

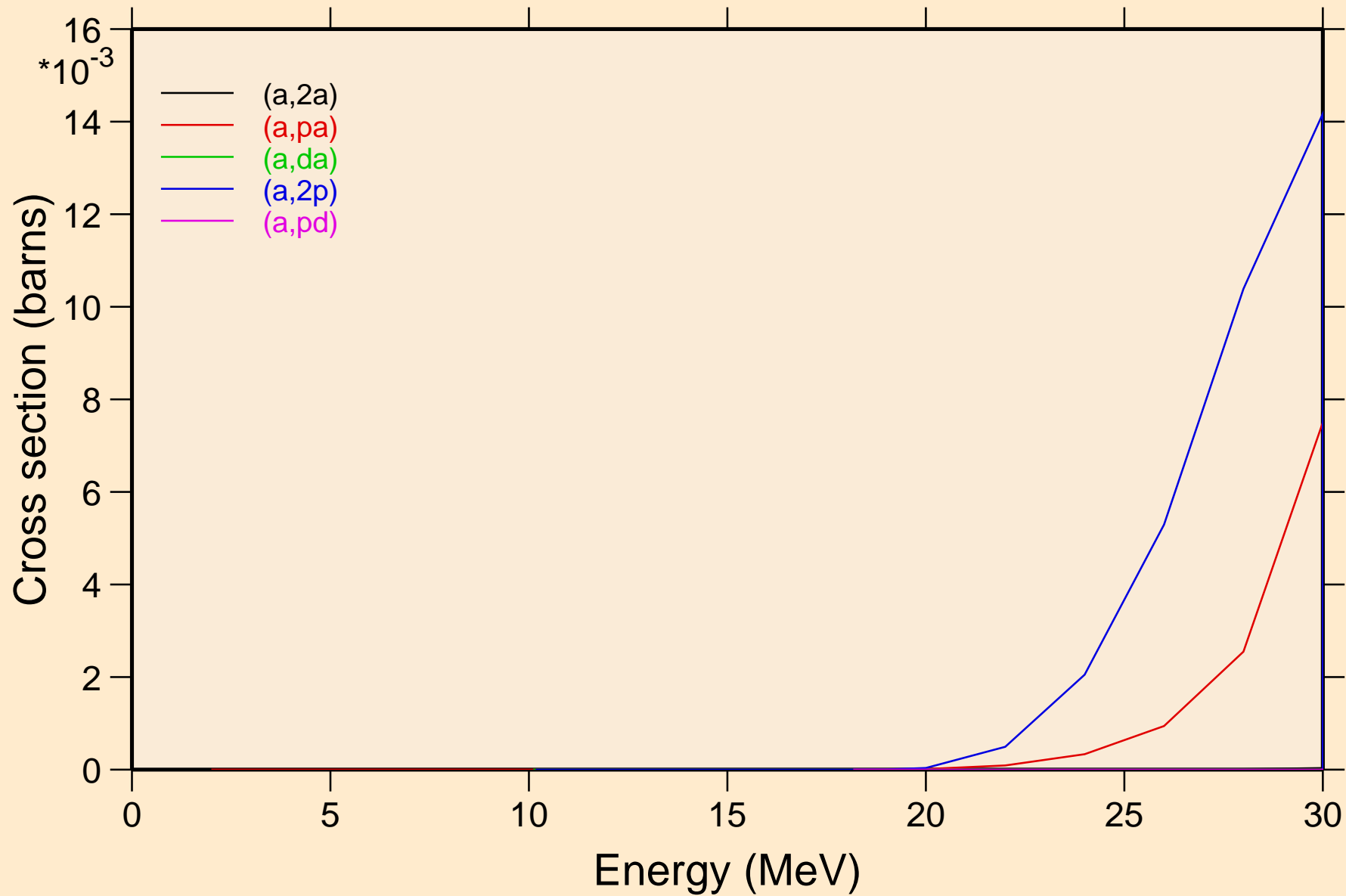
Heating



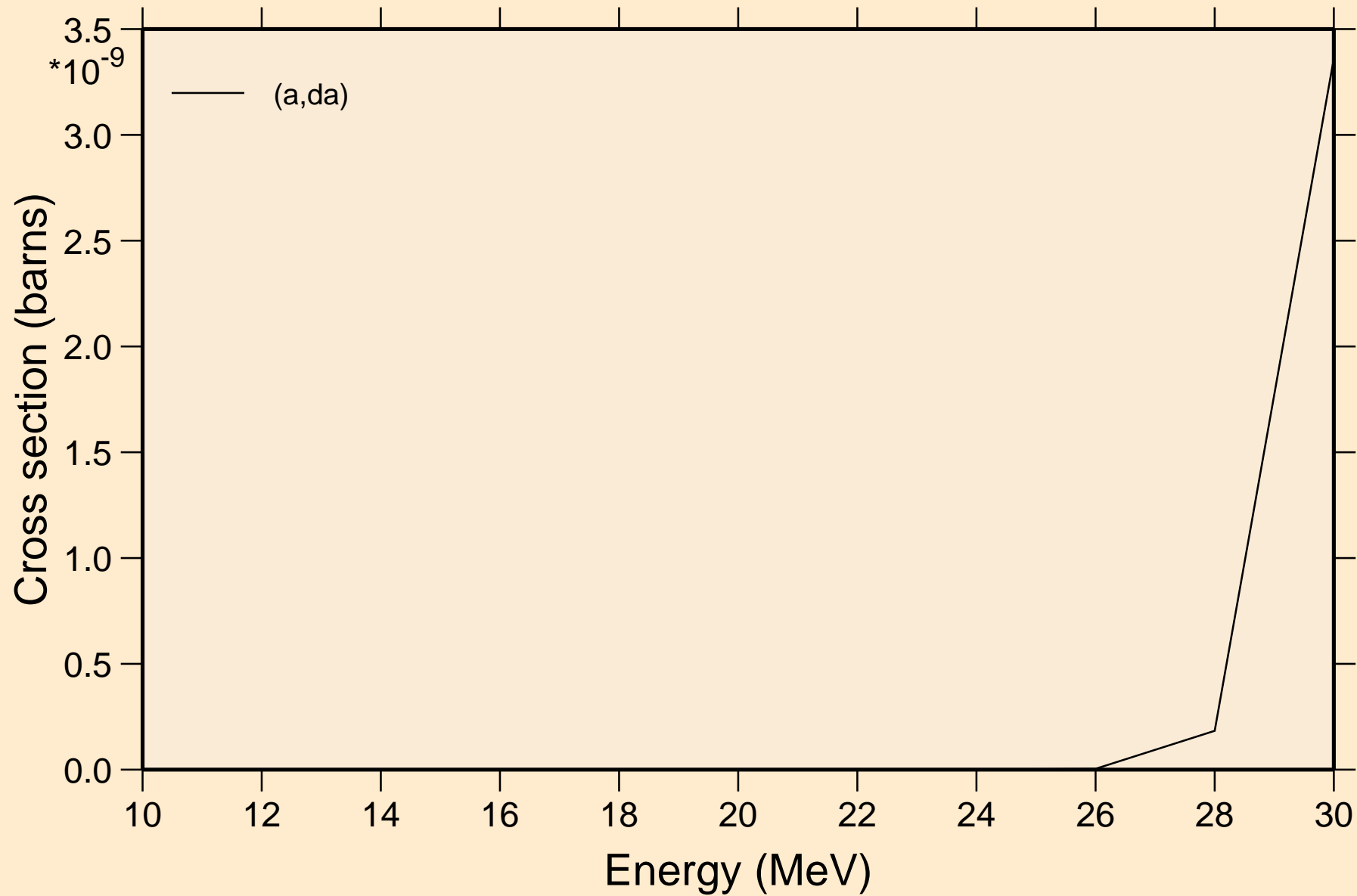
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



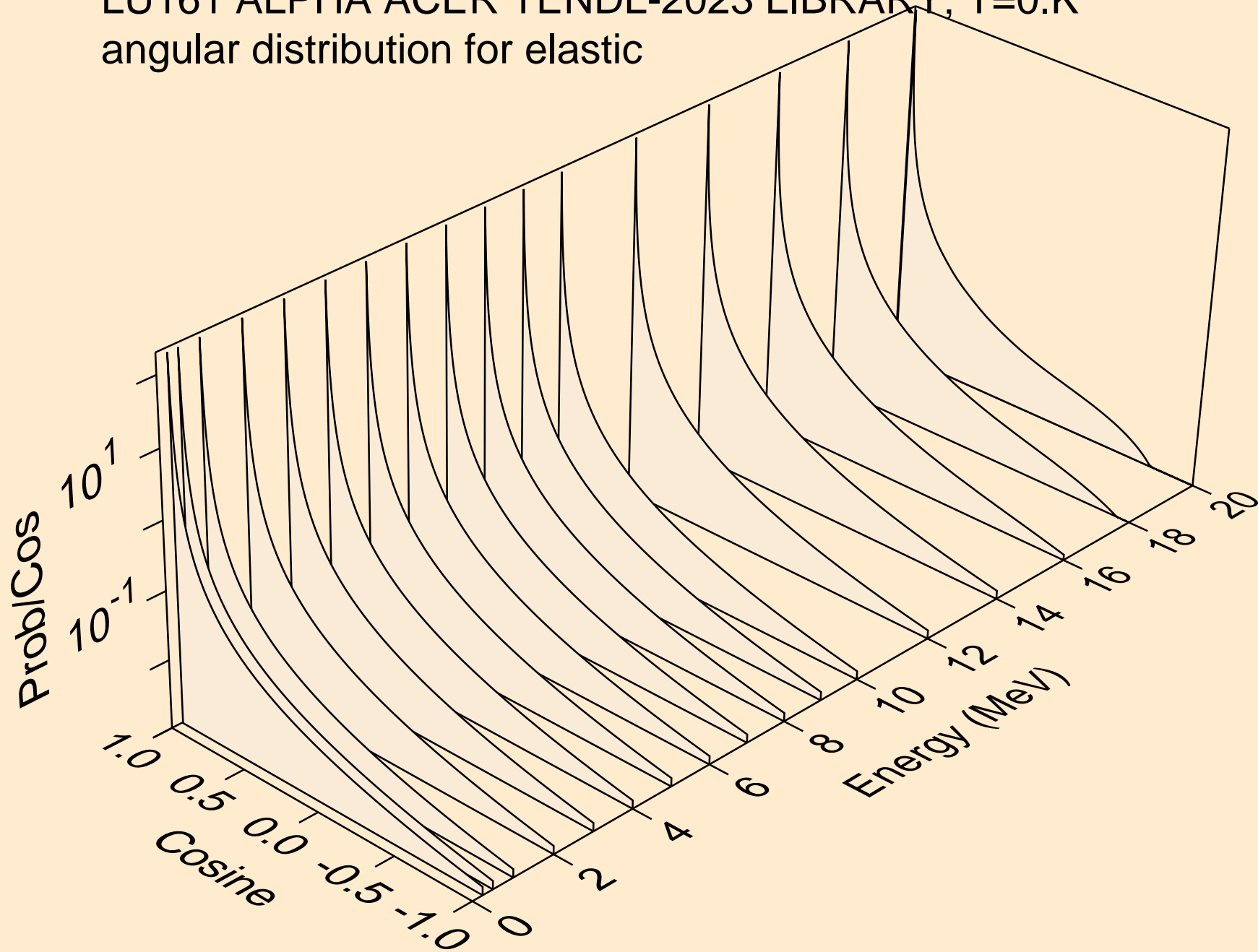
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

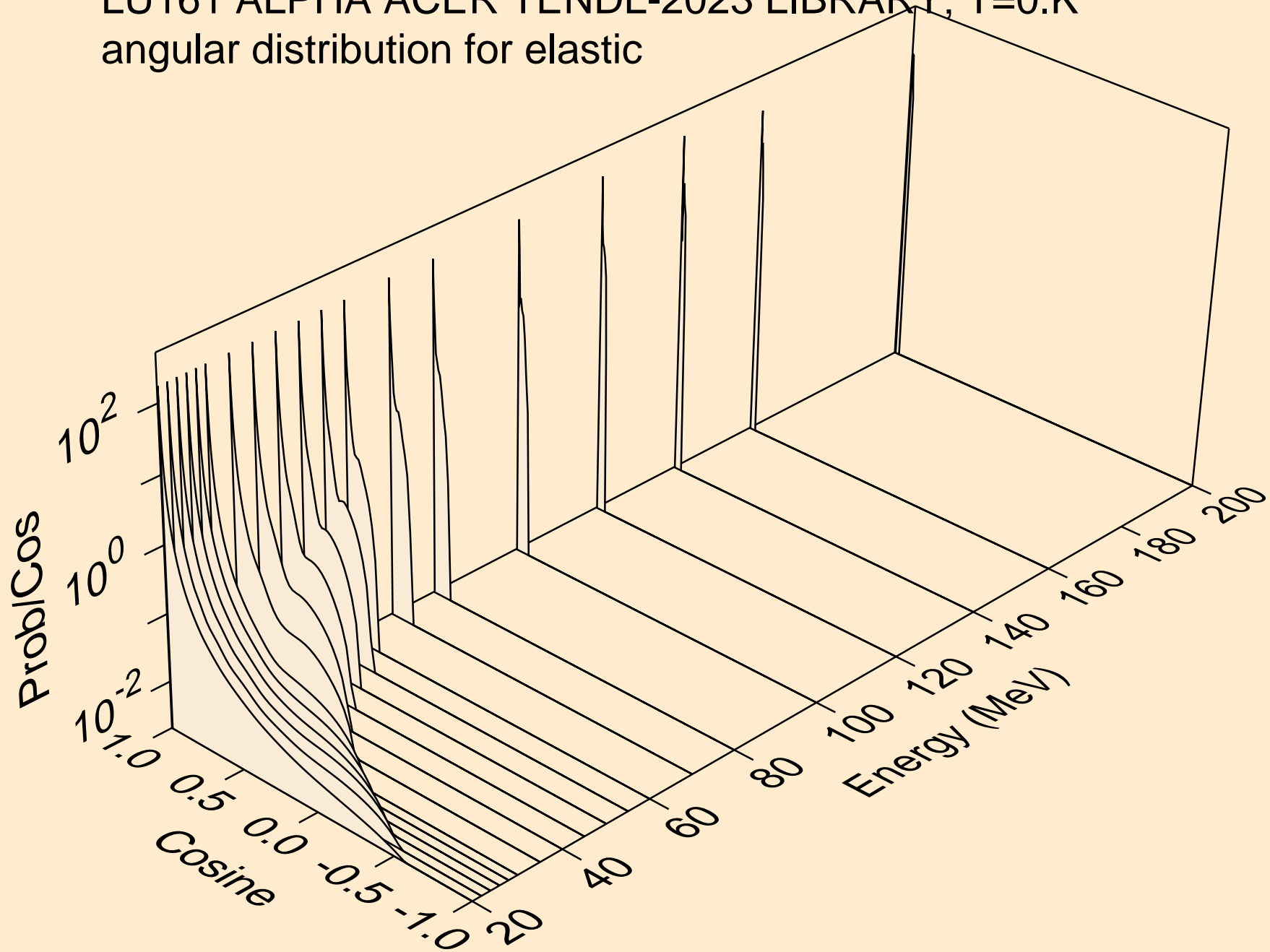


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

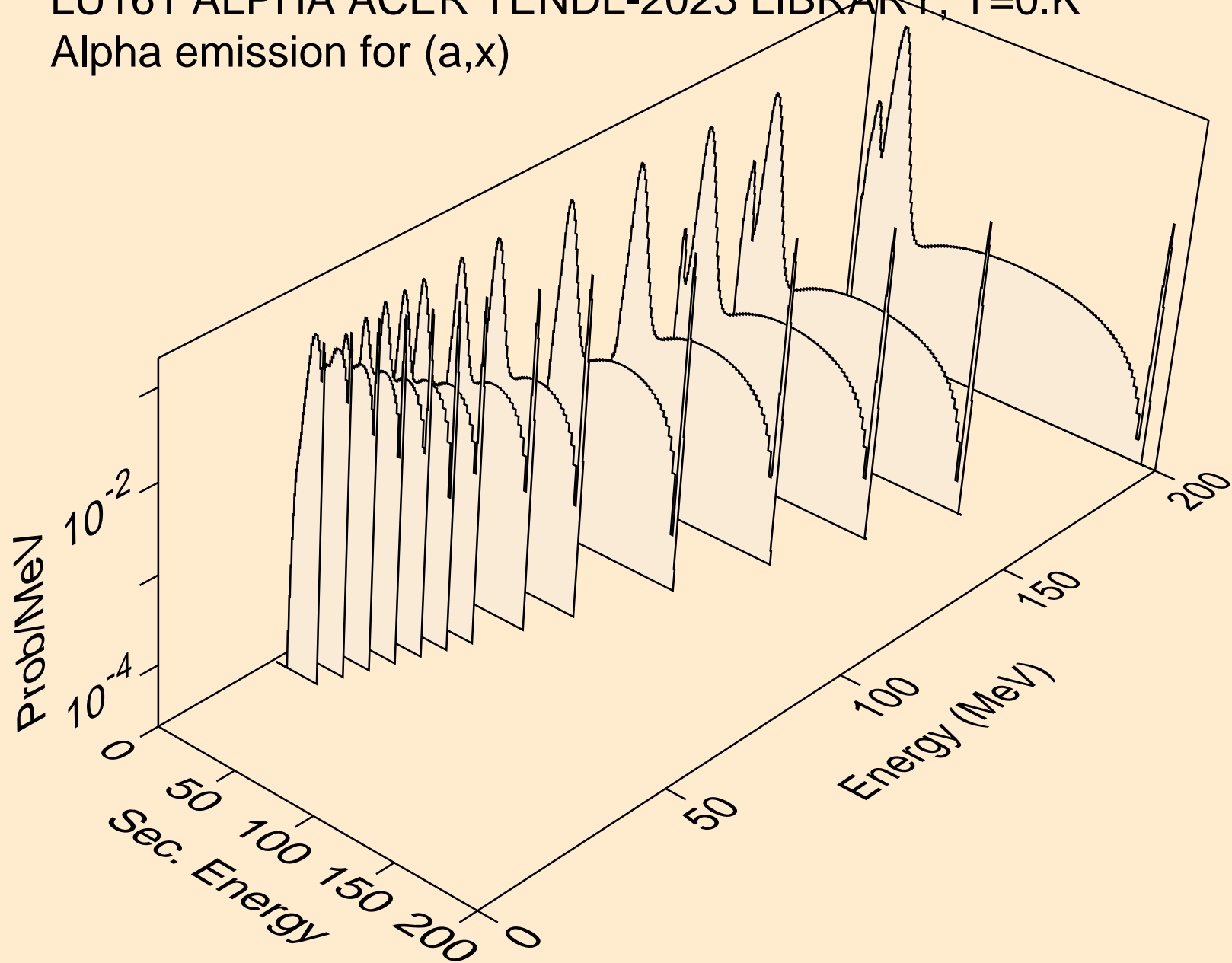




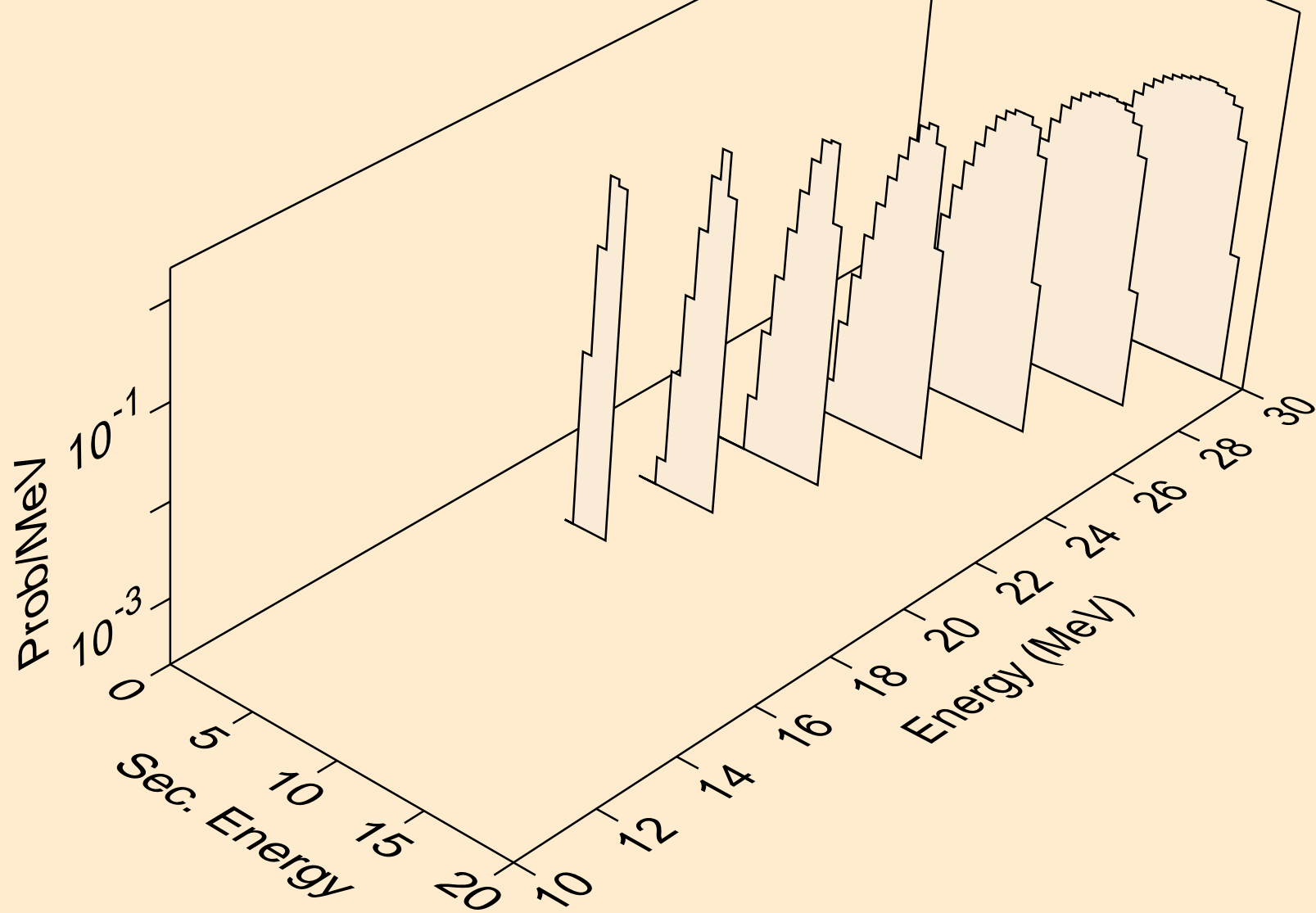
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



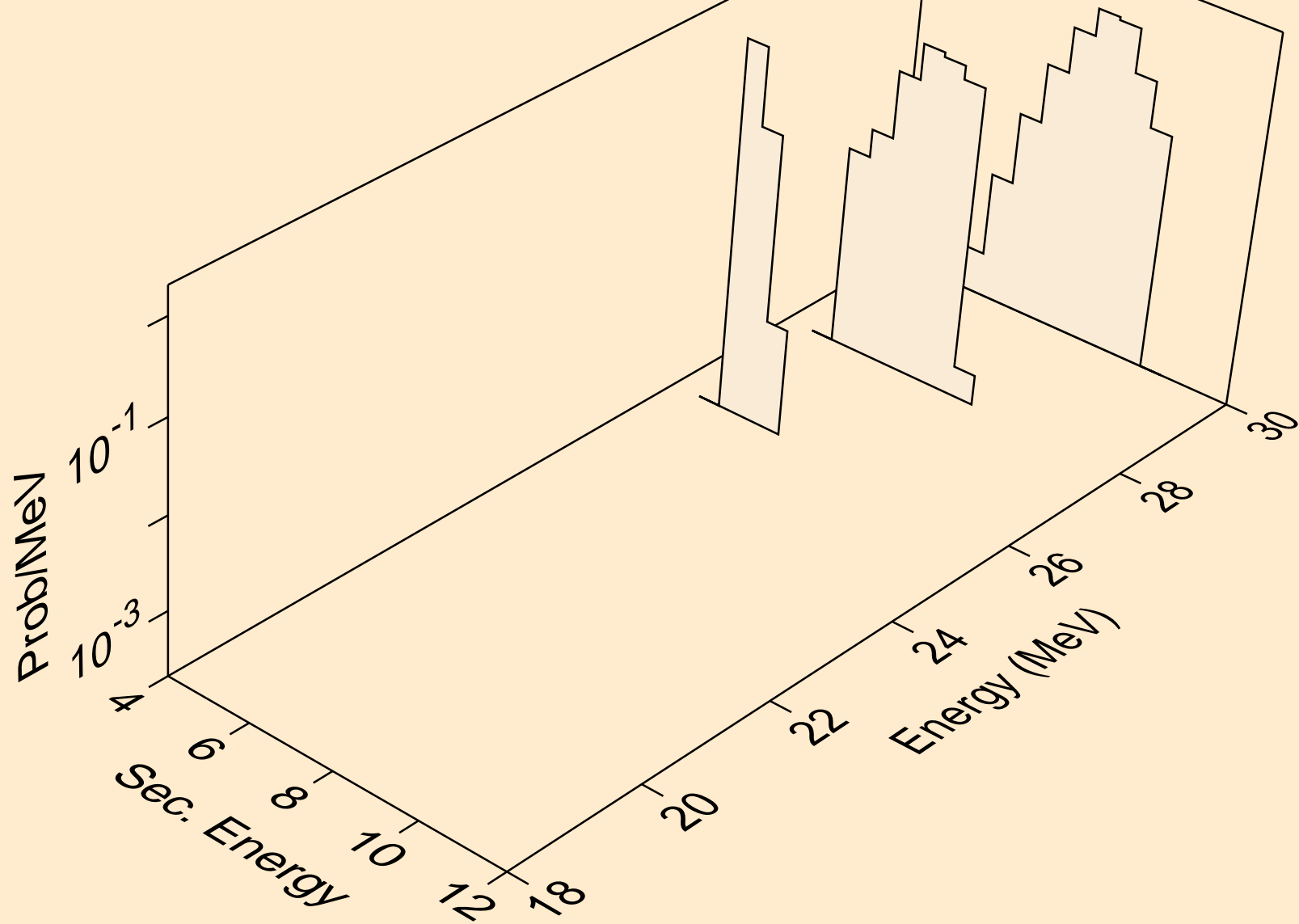
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



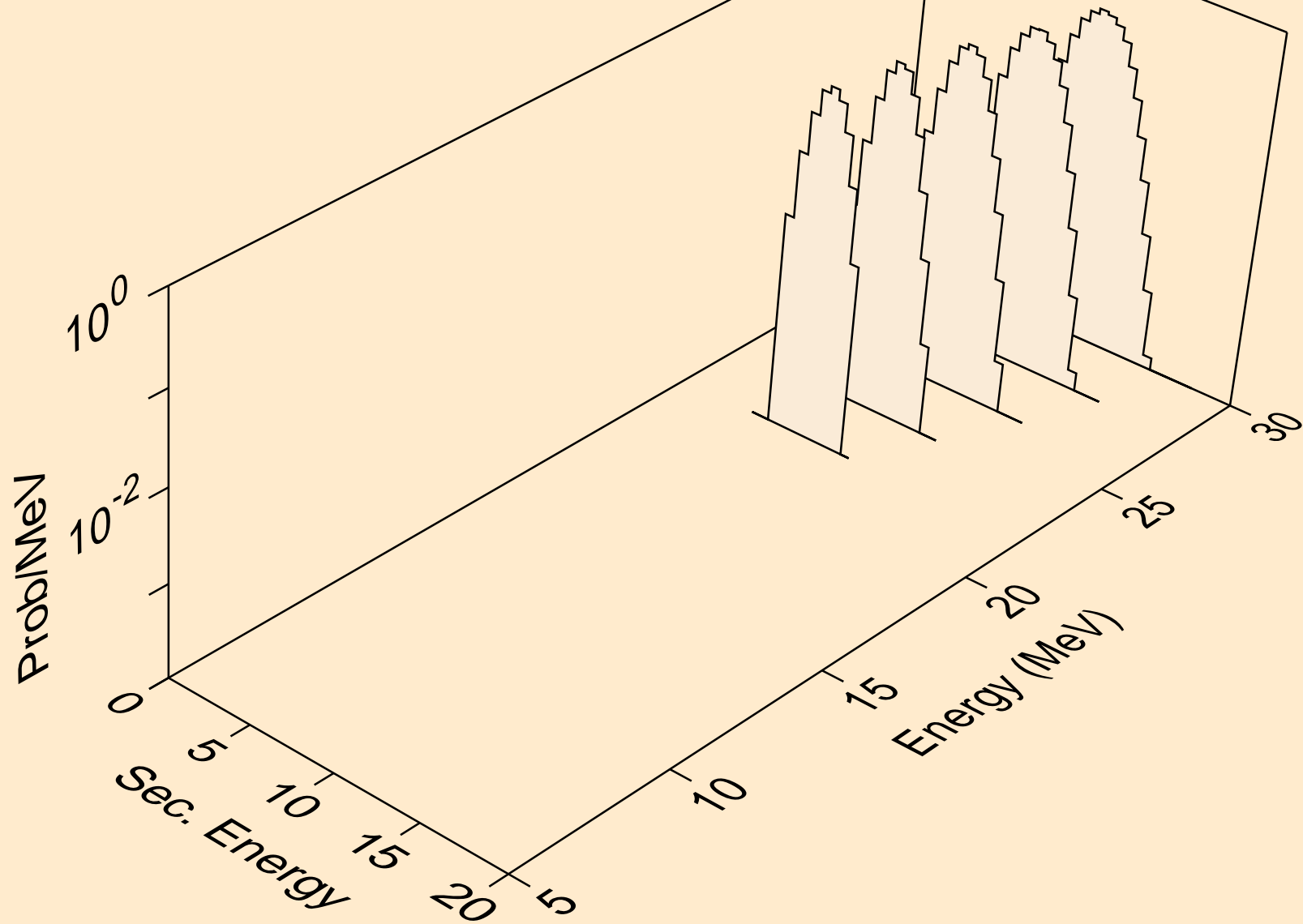
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



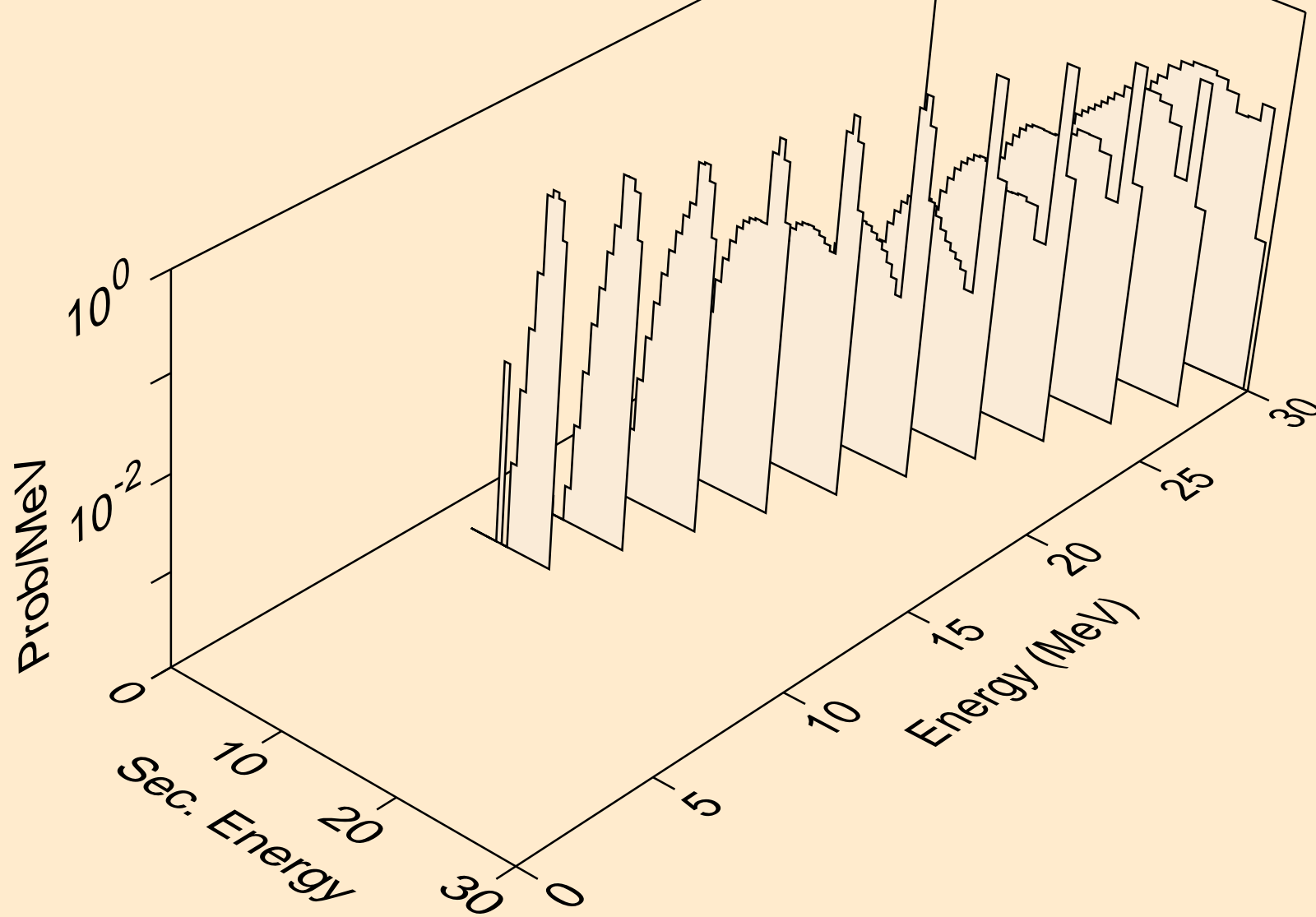
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



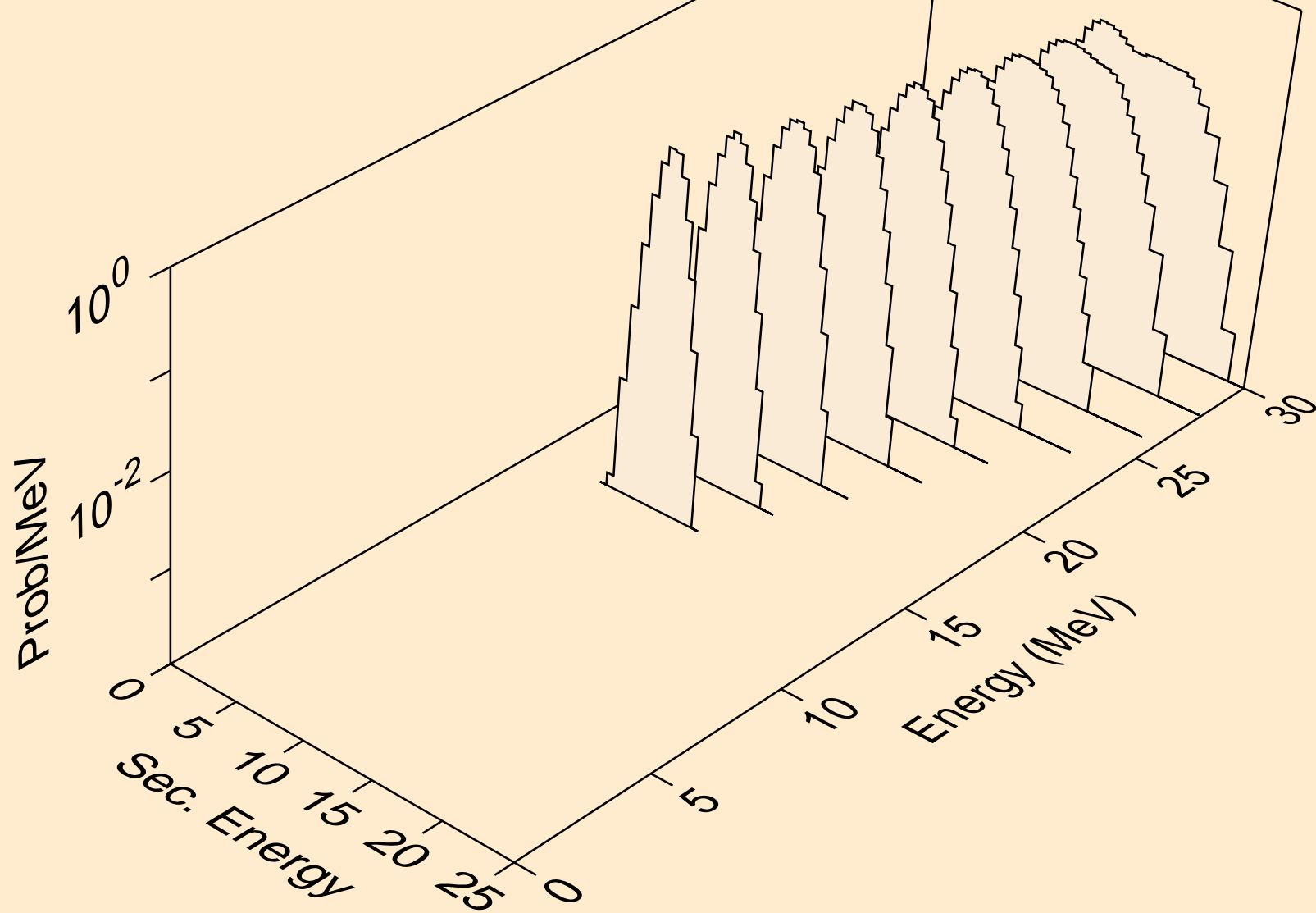
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



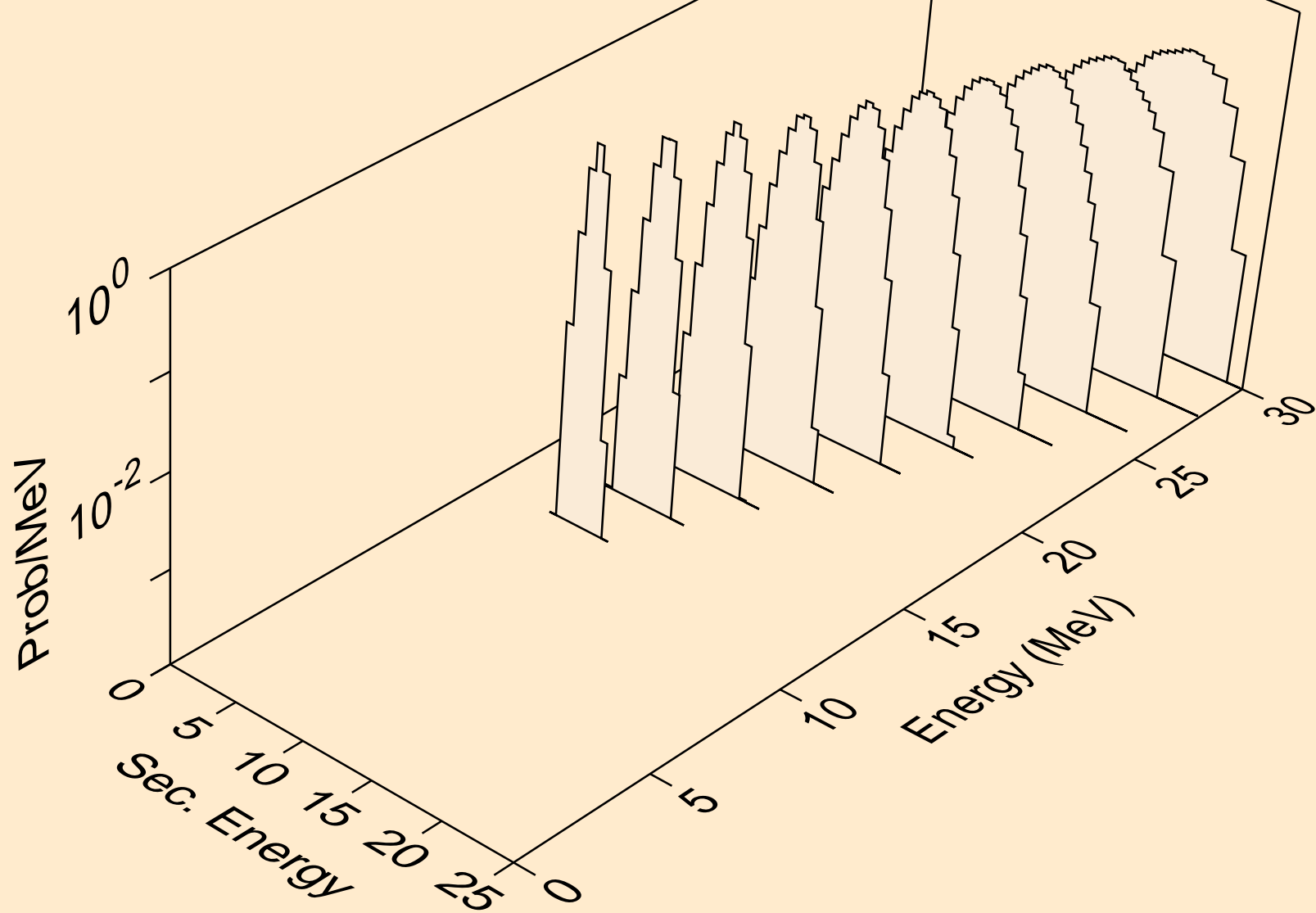
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

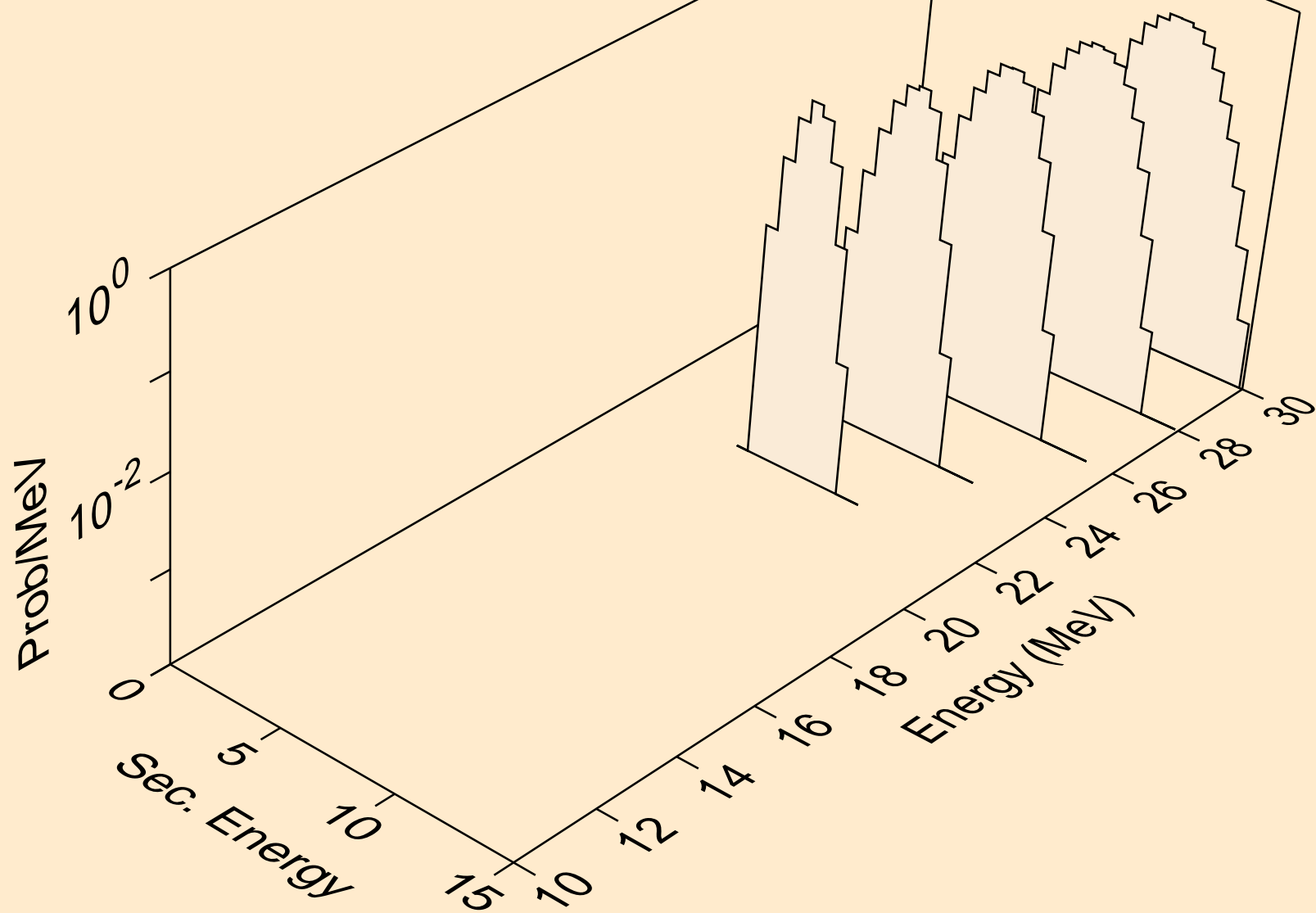


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

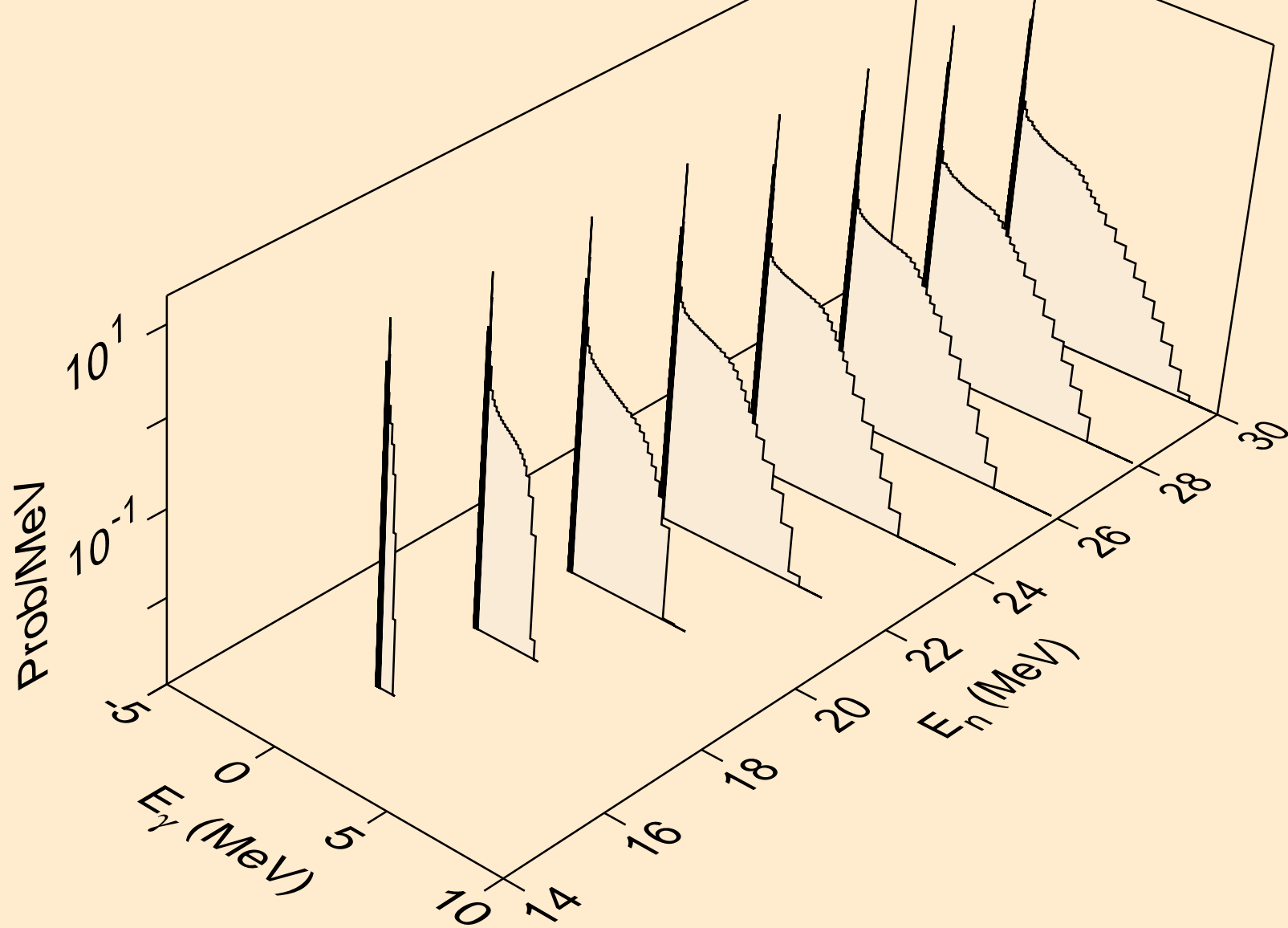




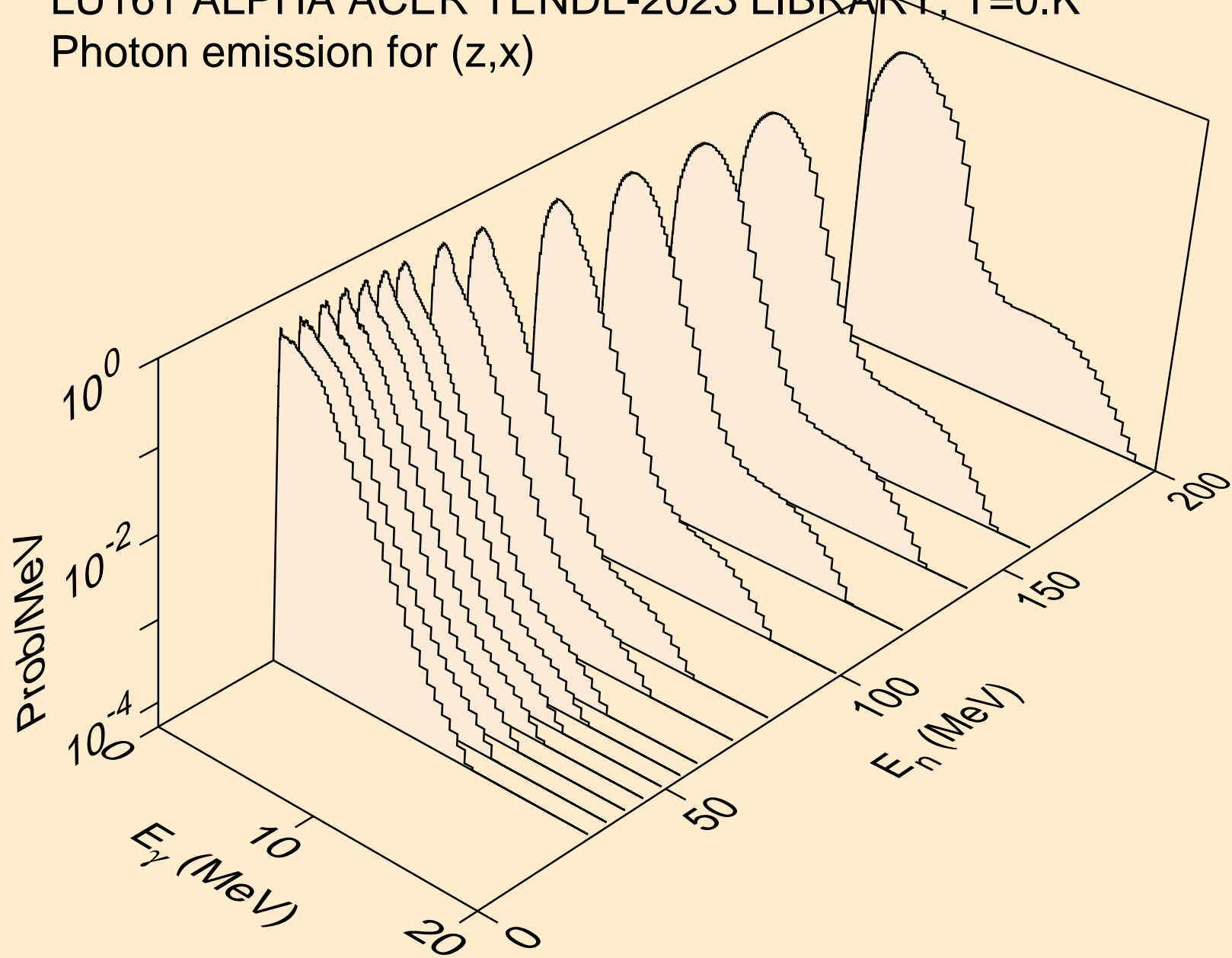
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



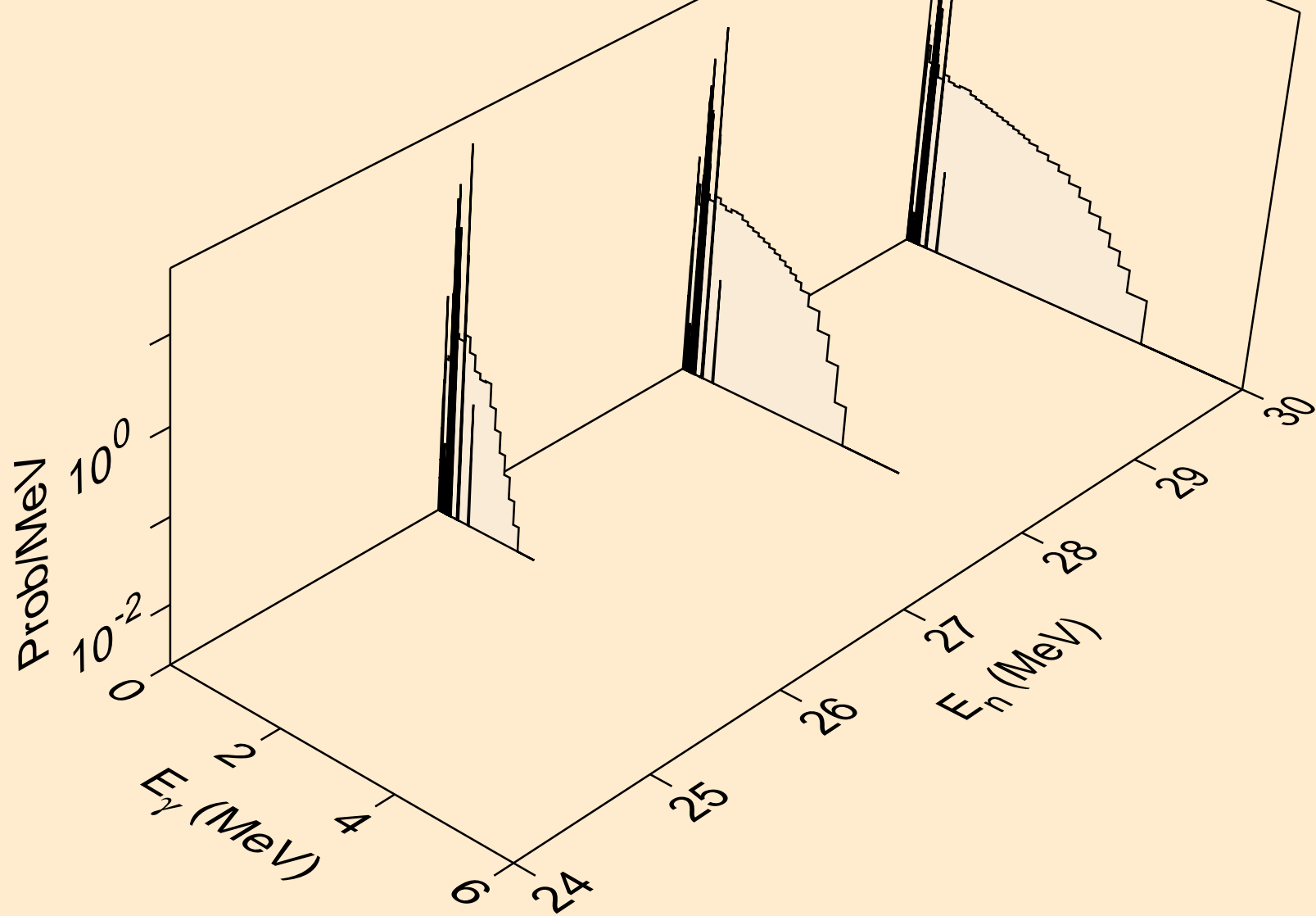
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



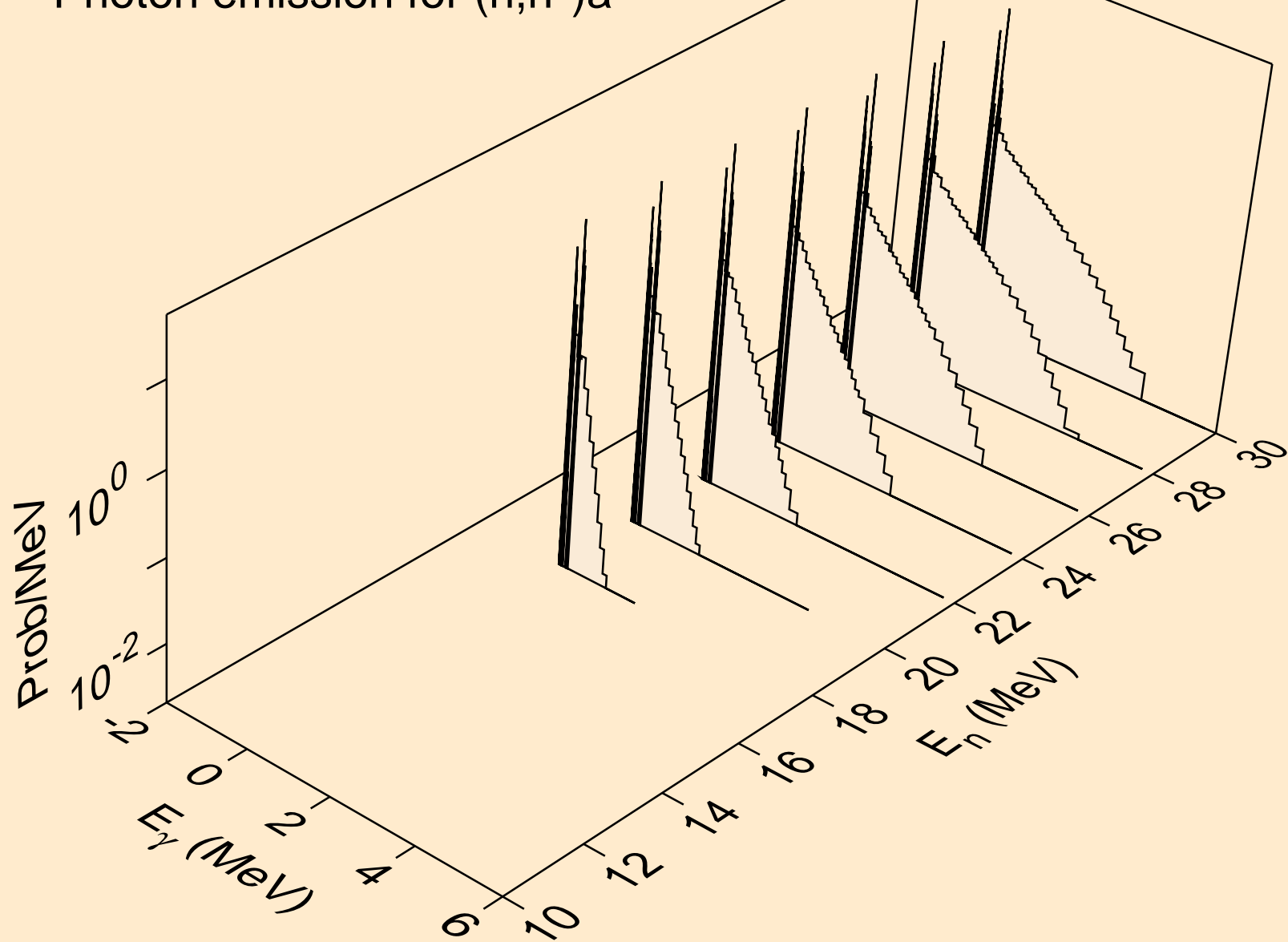
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



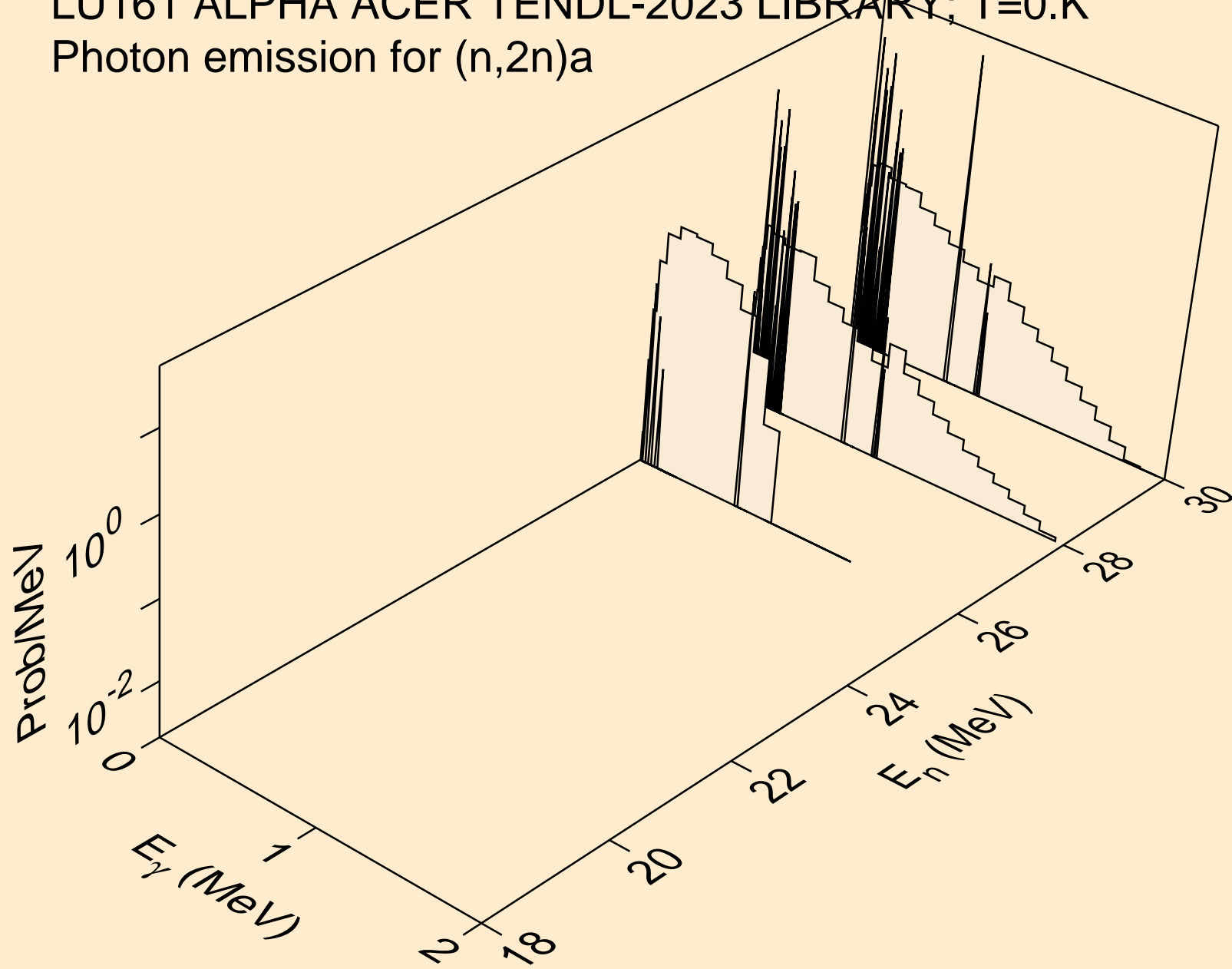
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



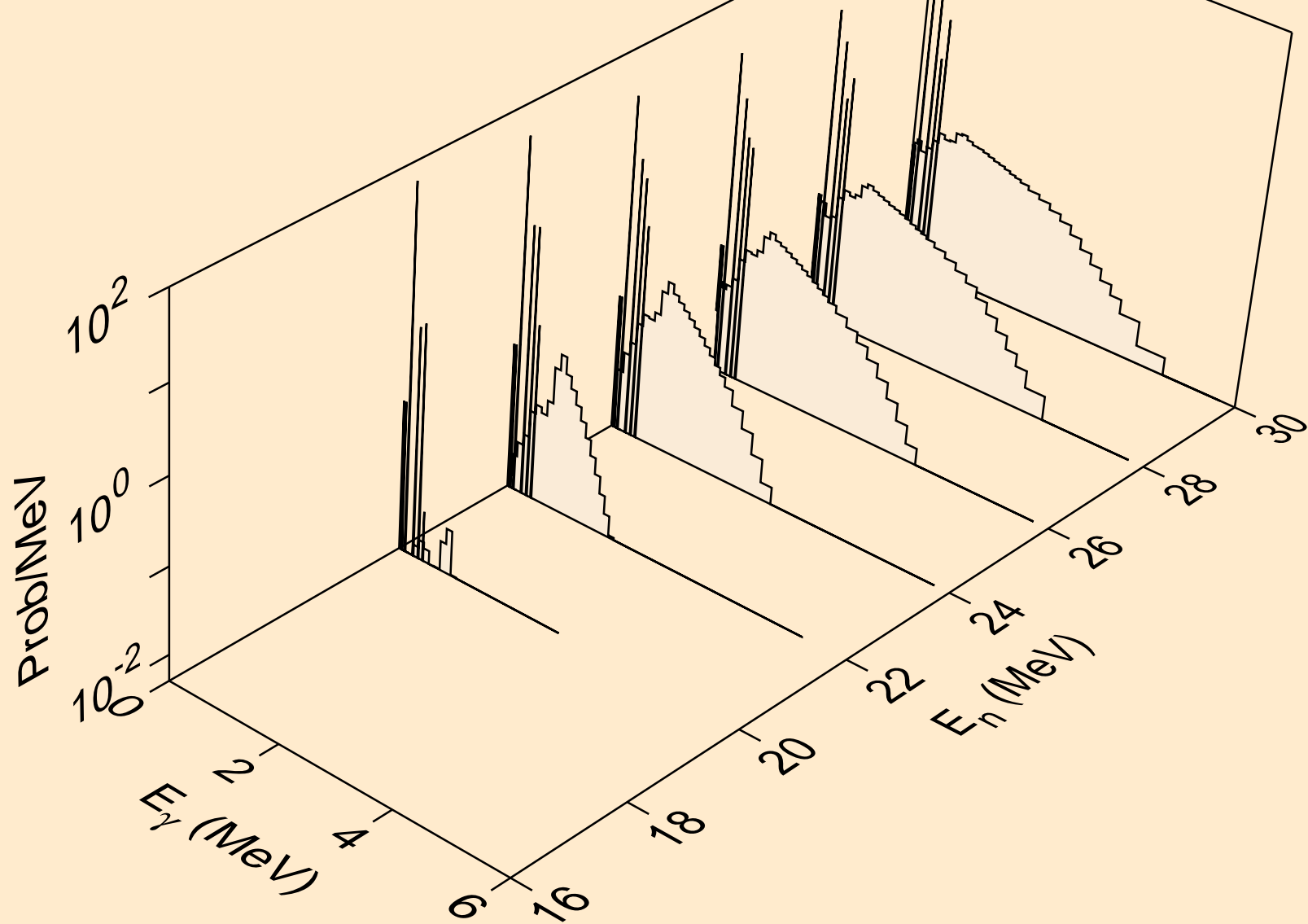
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



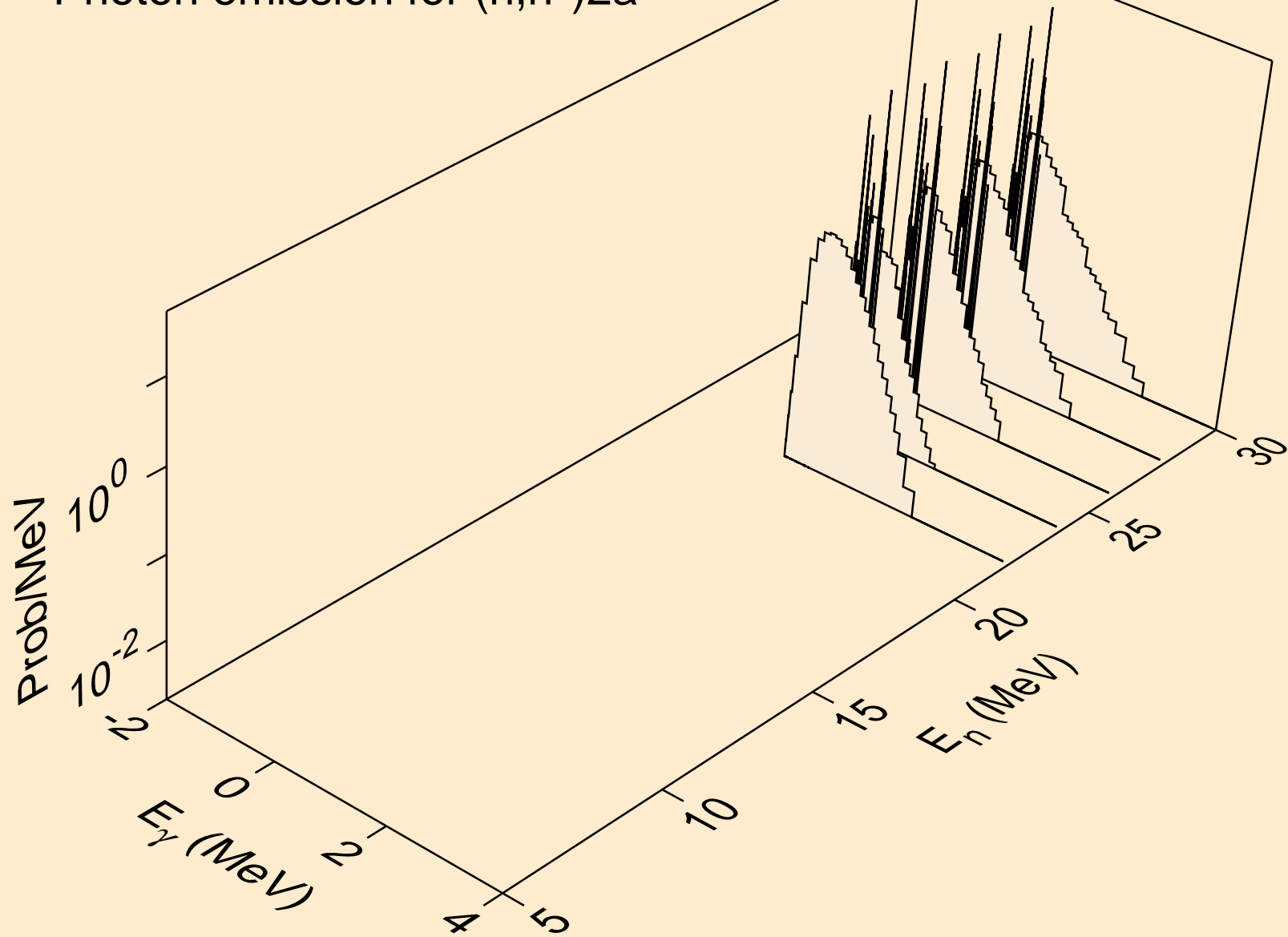
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

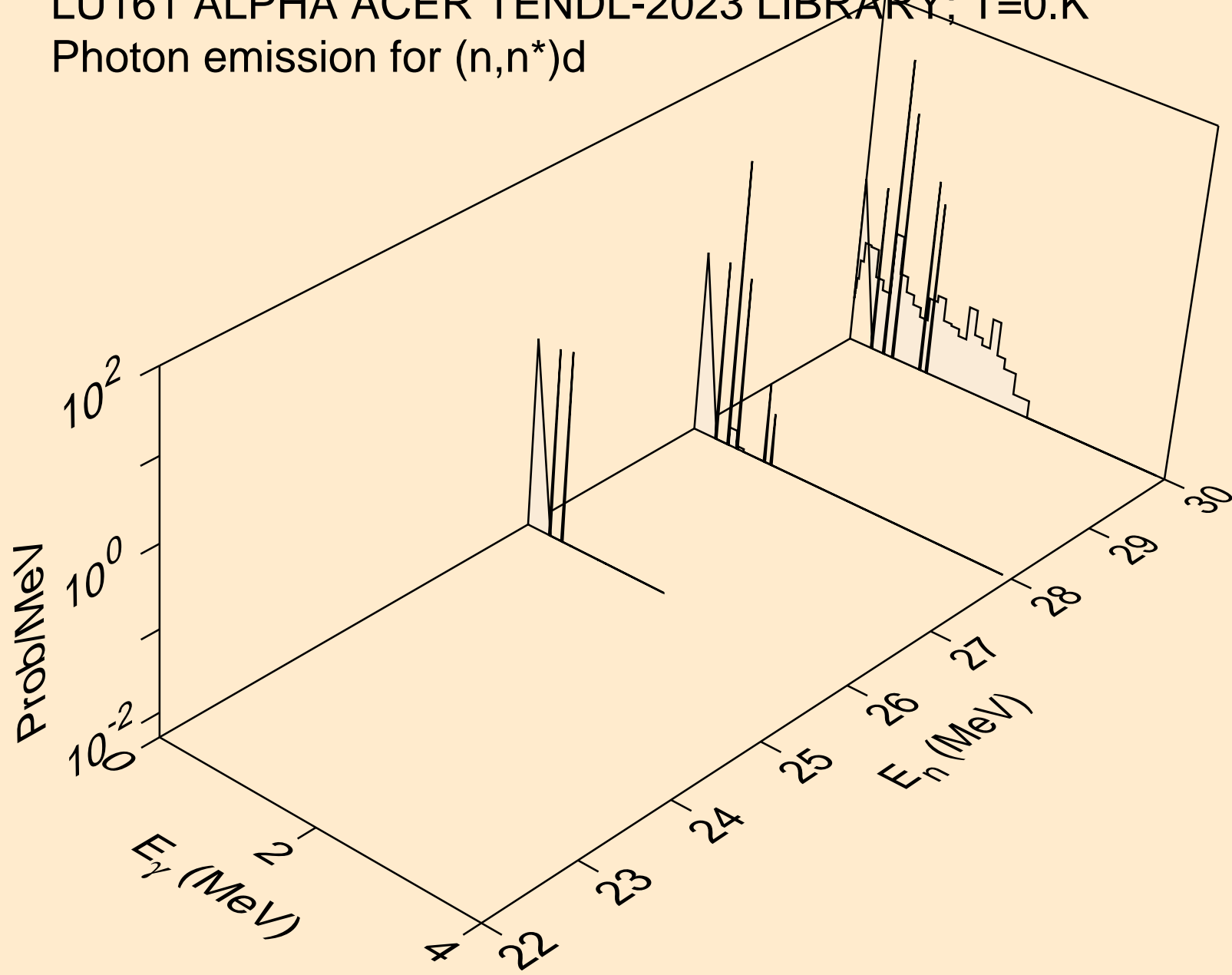


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

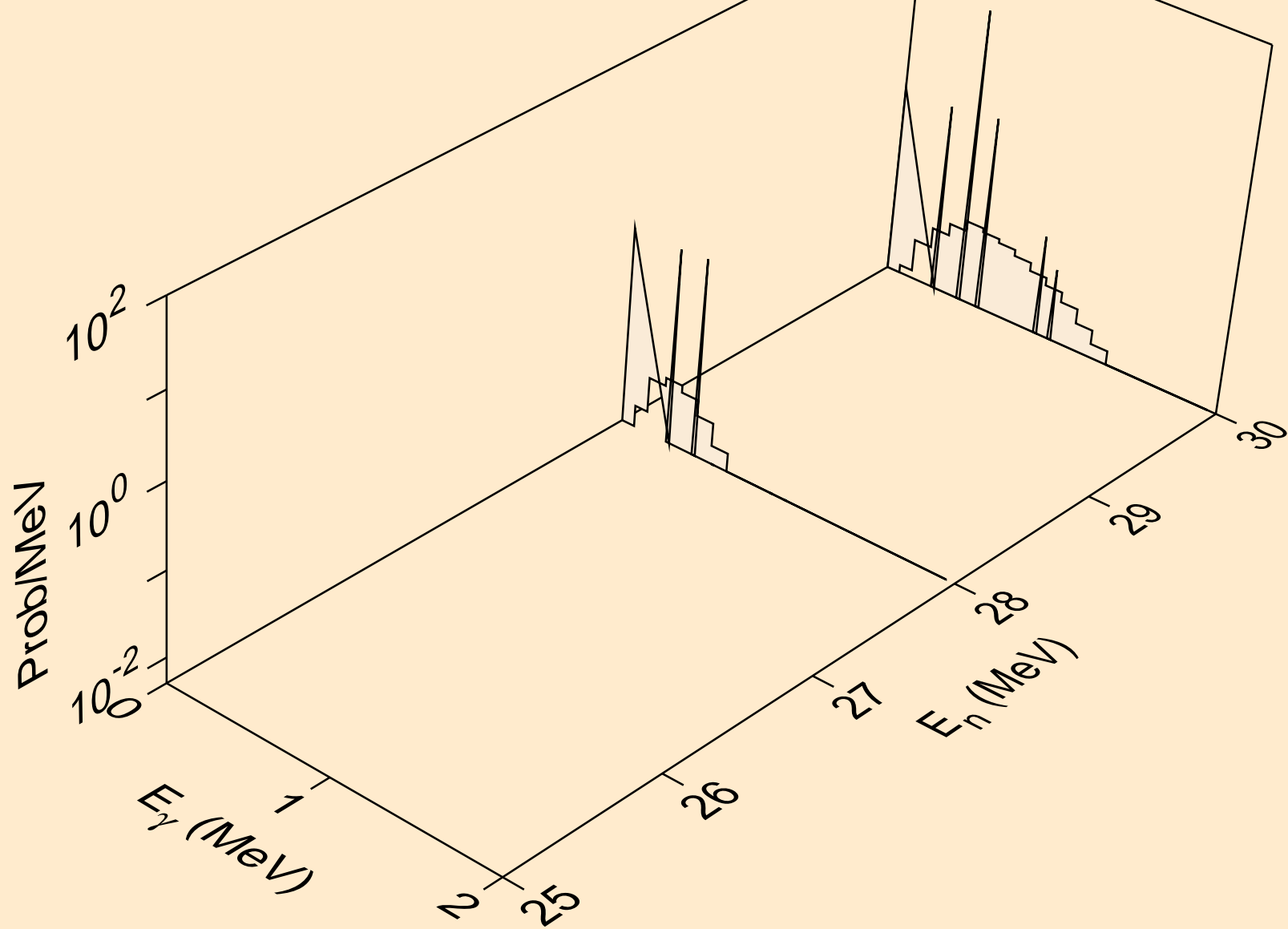




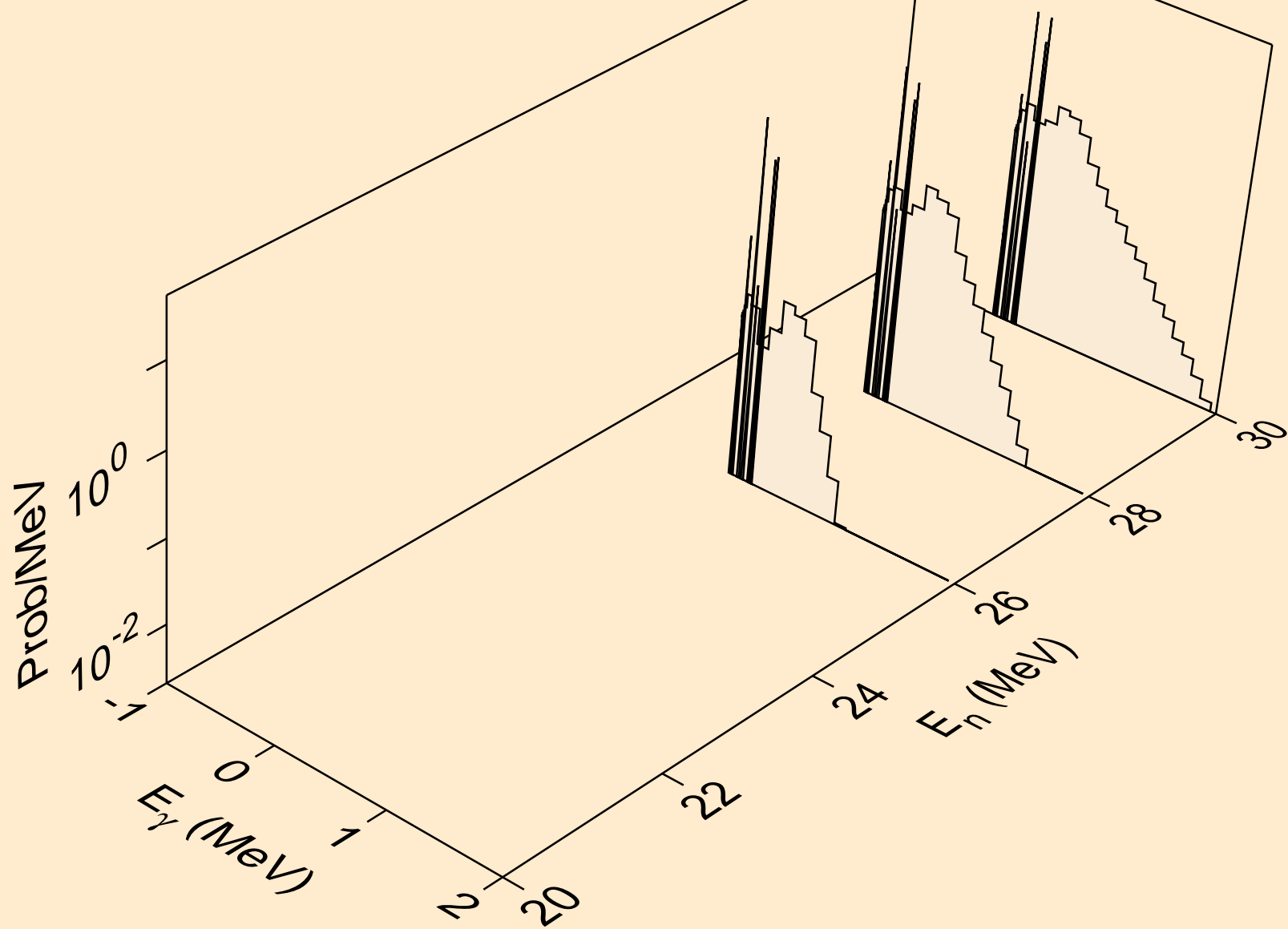
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



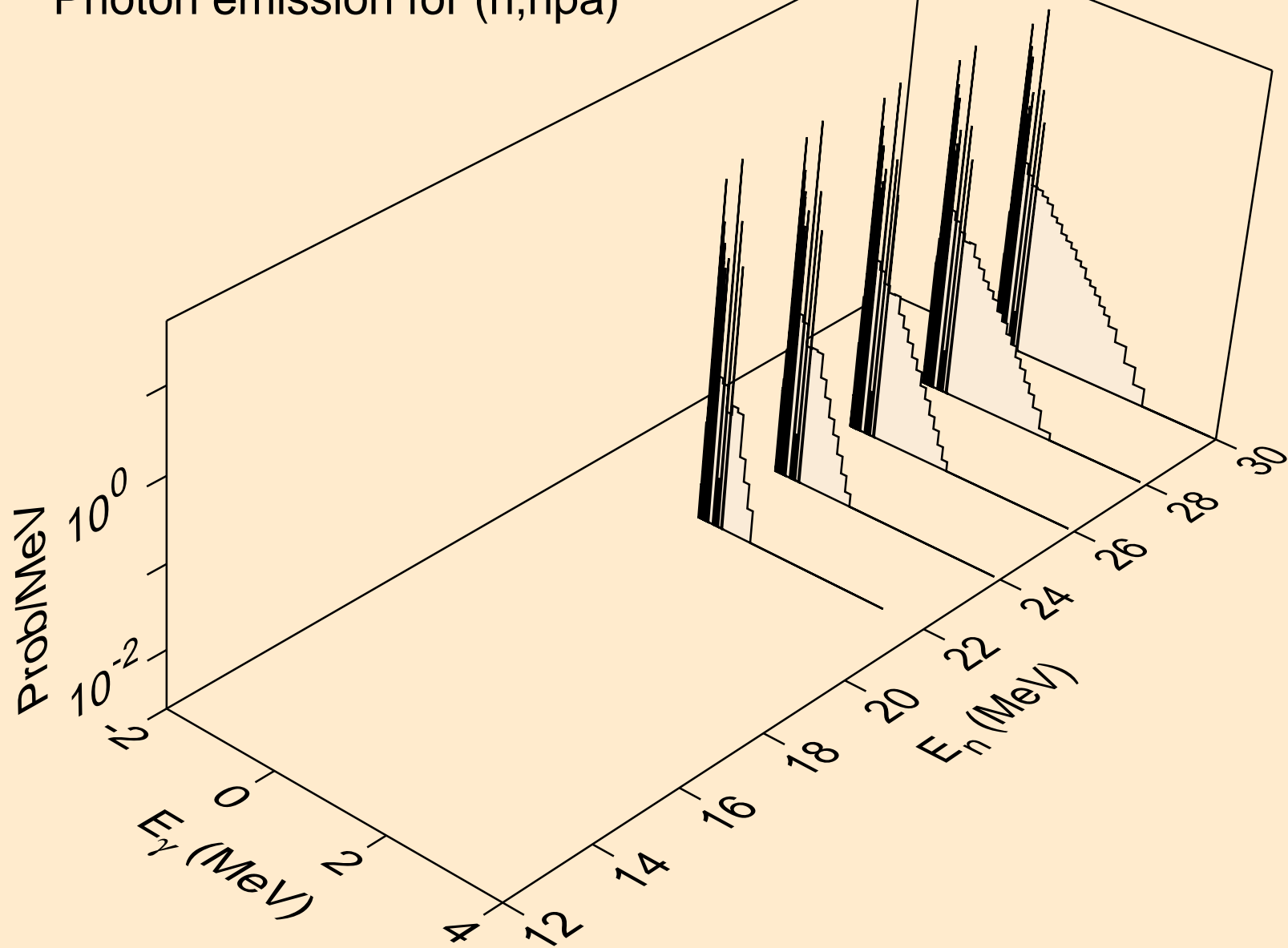
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



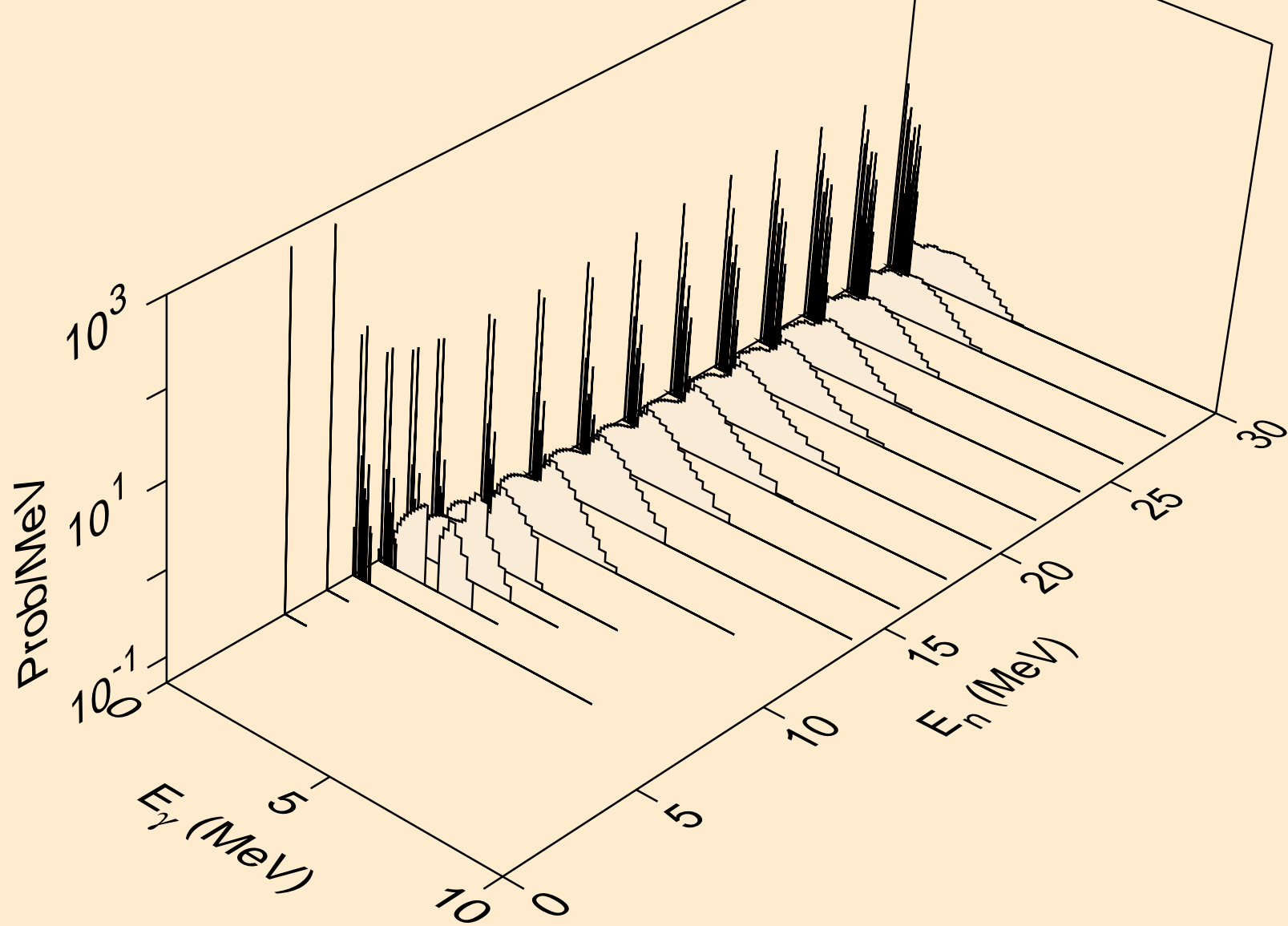
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



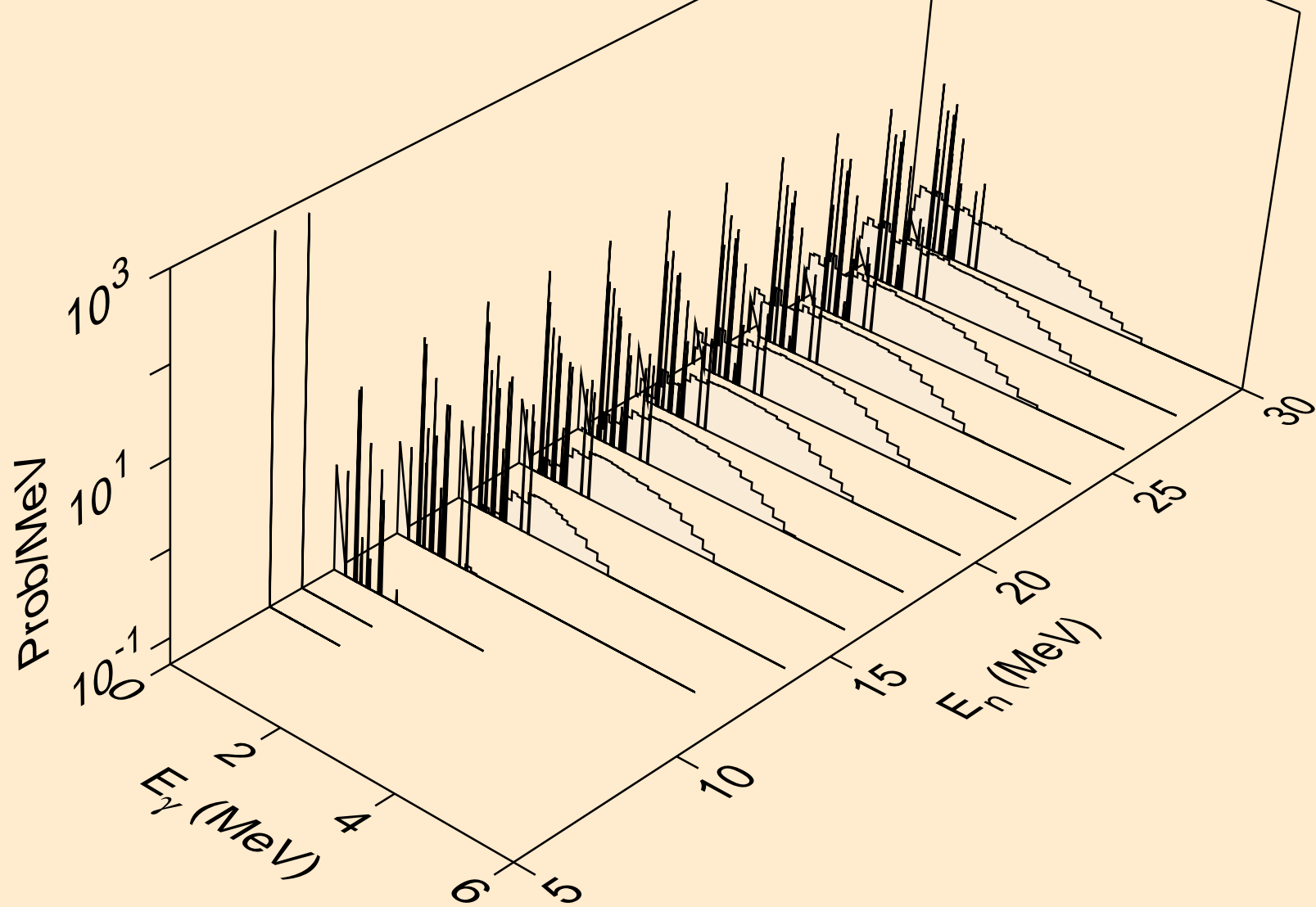
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



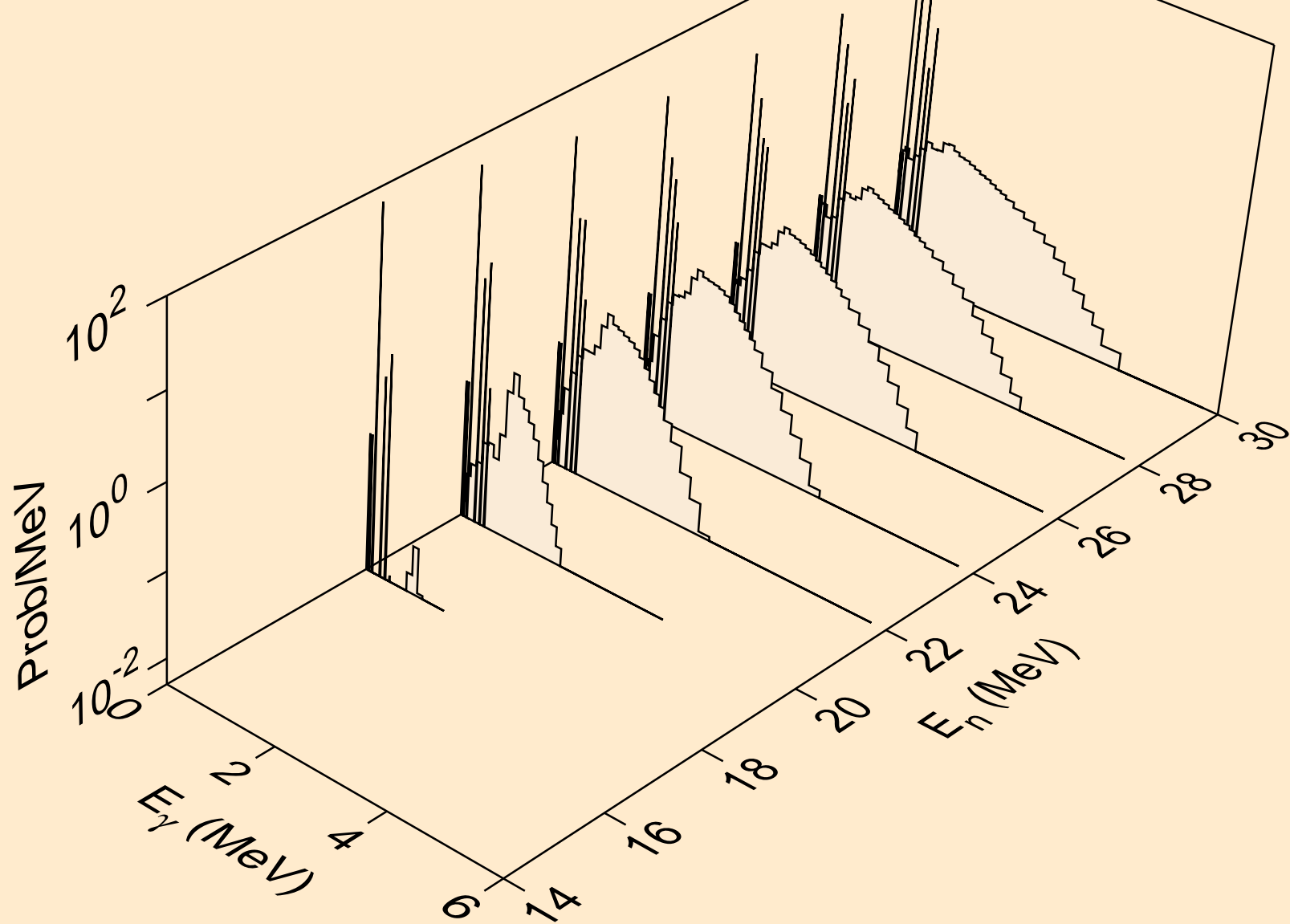
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Photon emission for (n,gma)



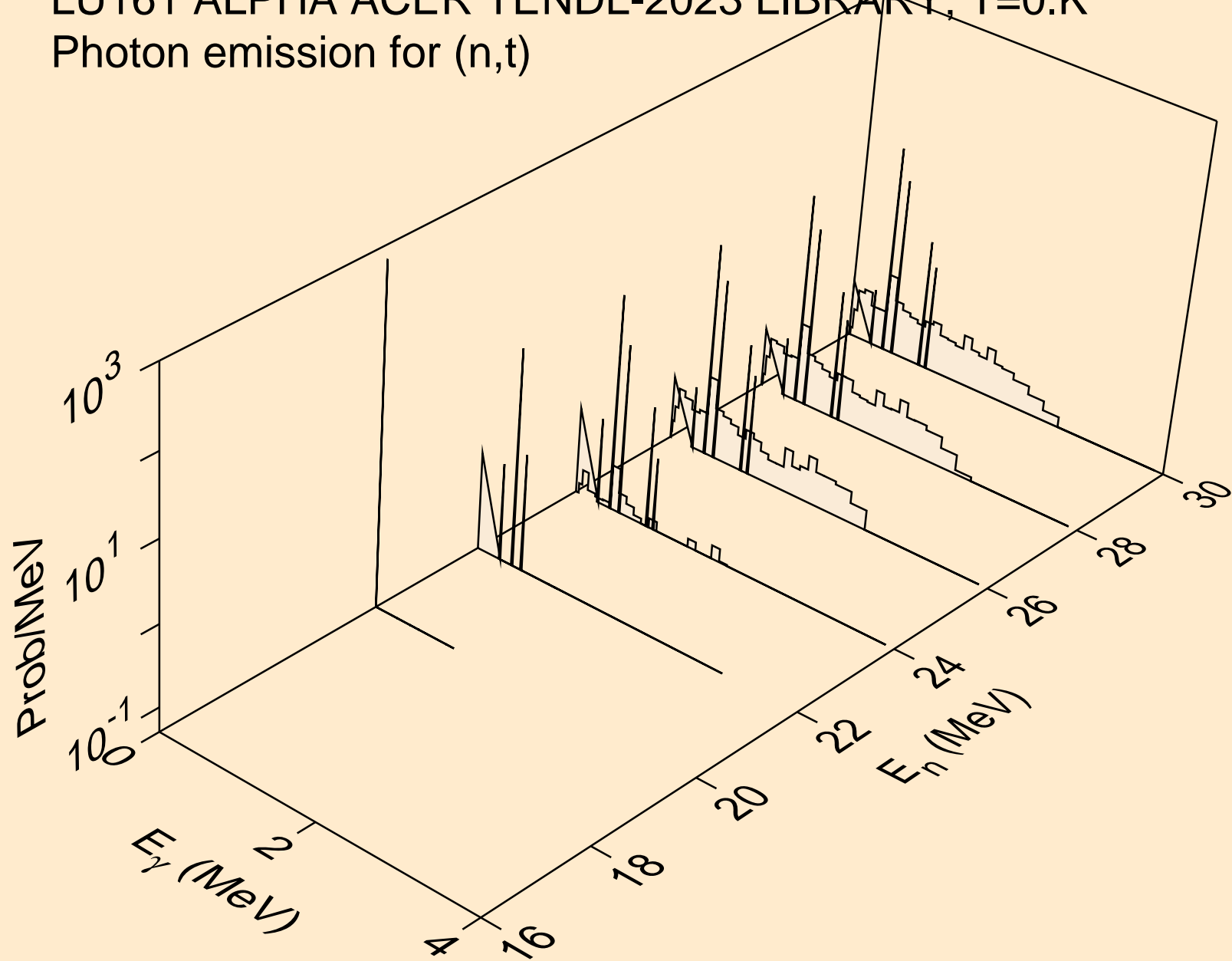
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

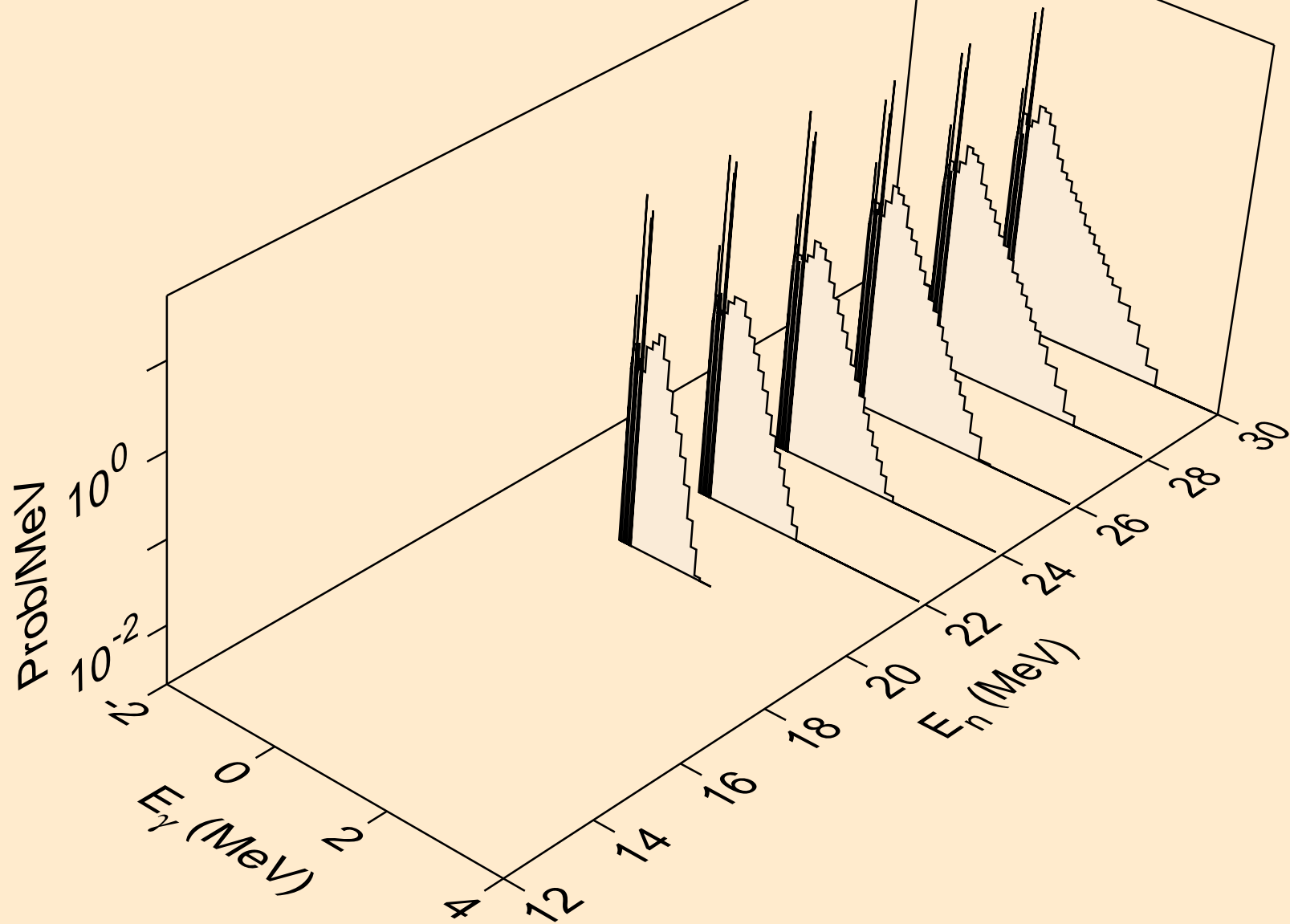


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

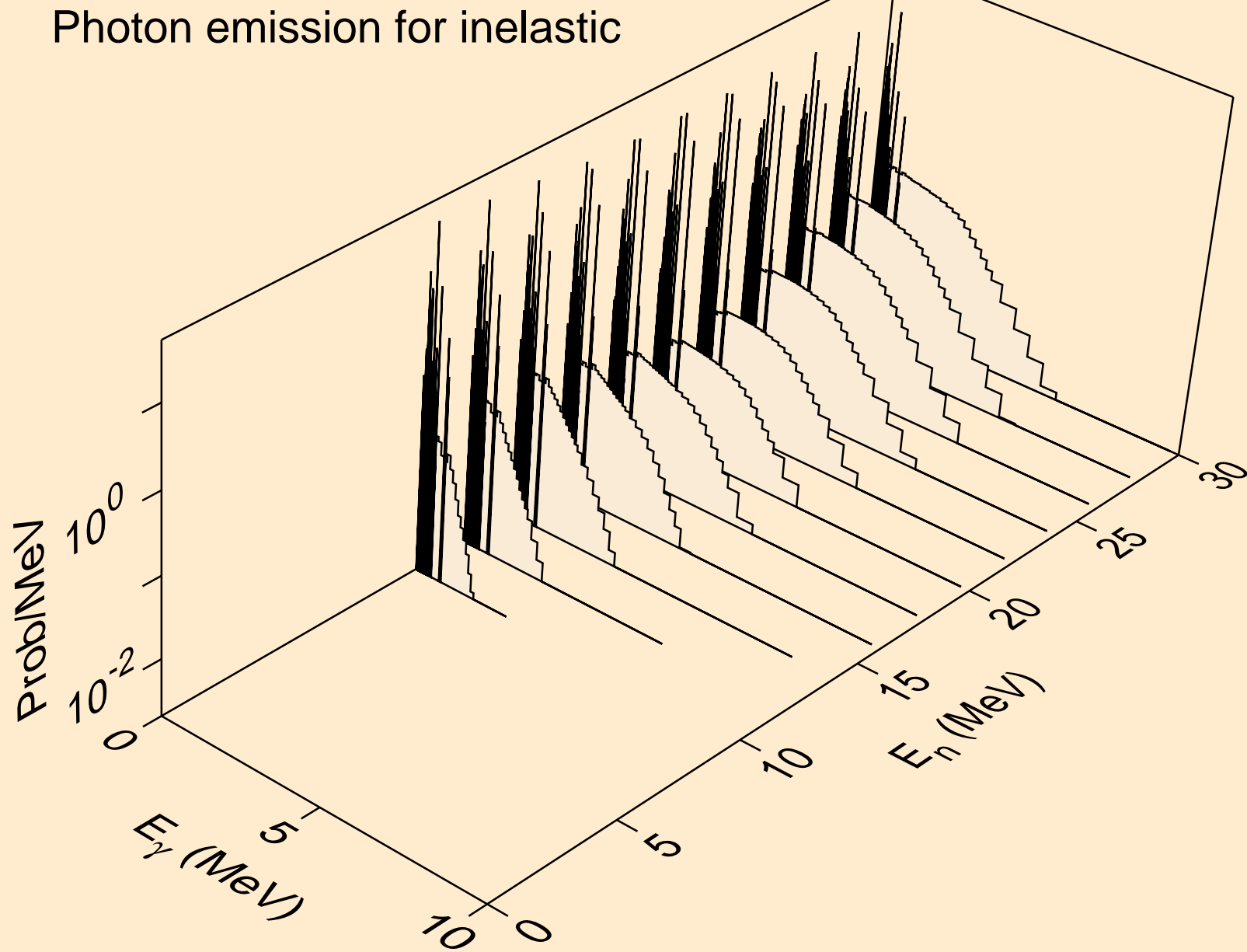




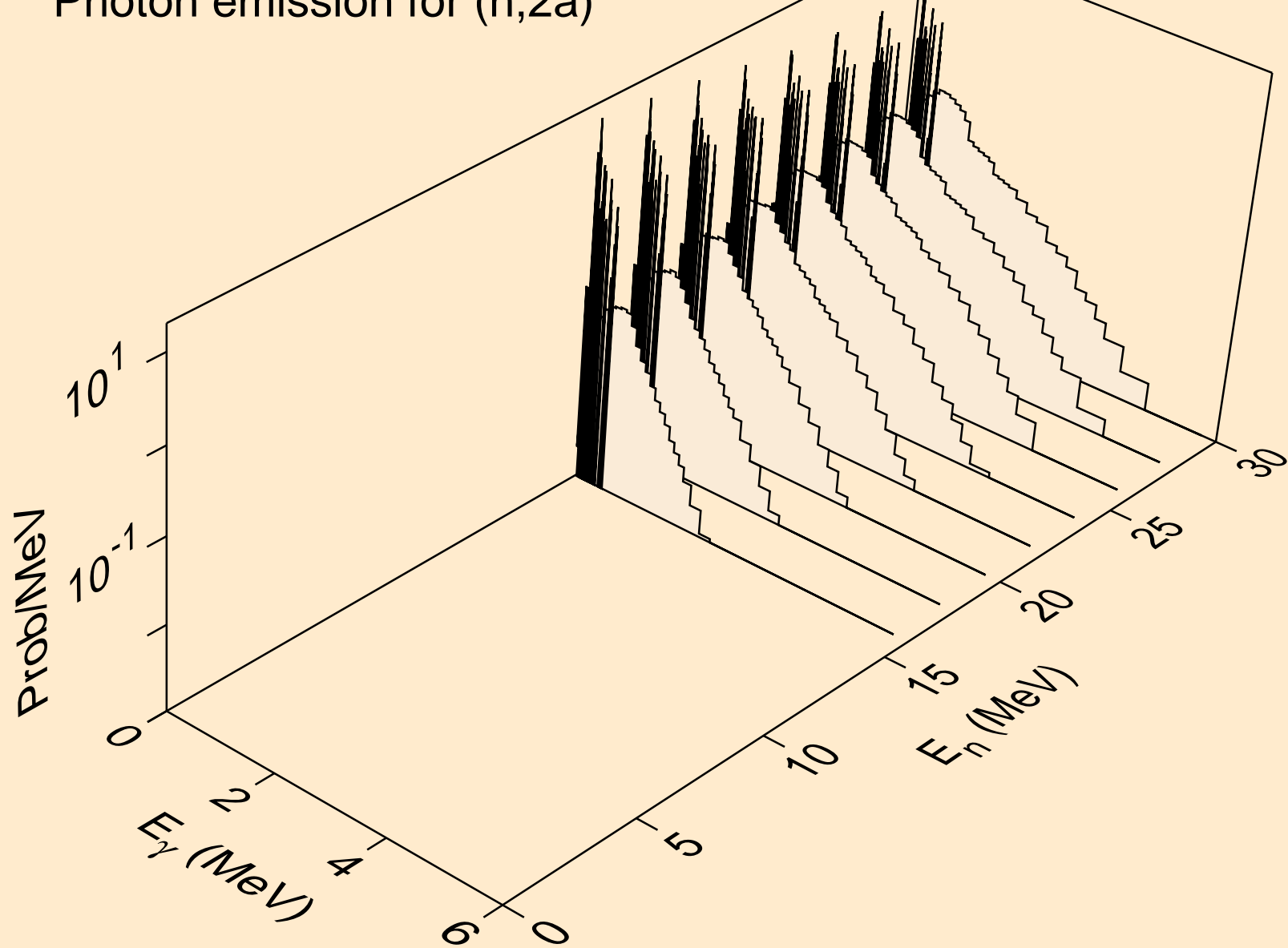
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Photon emission for (n,he3)



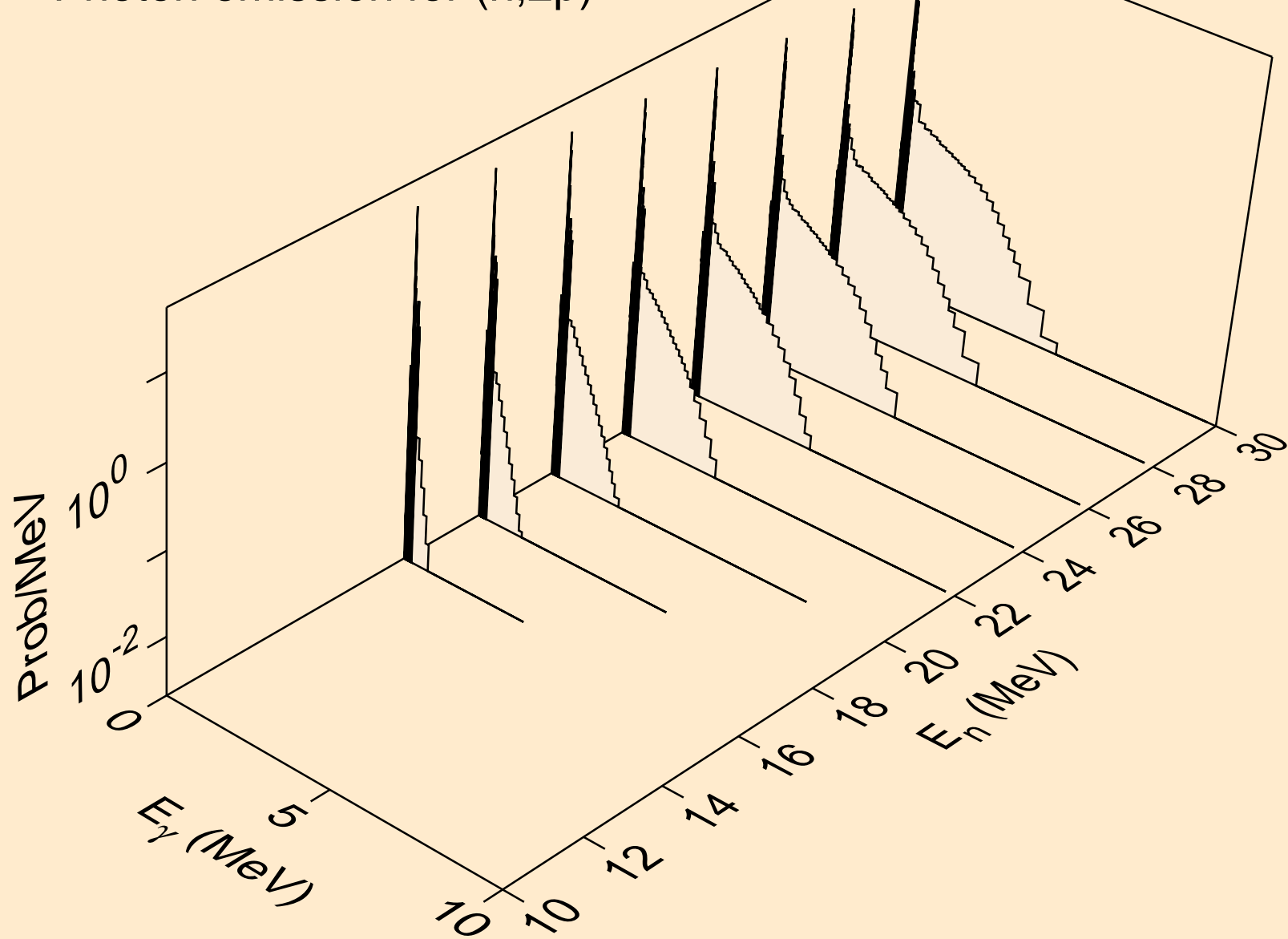
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



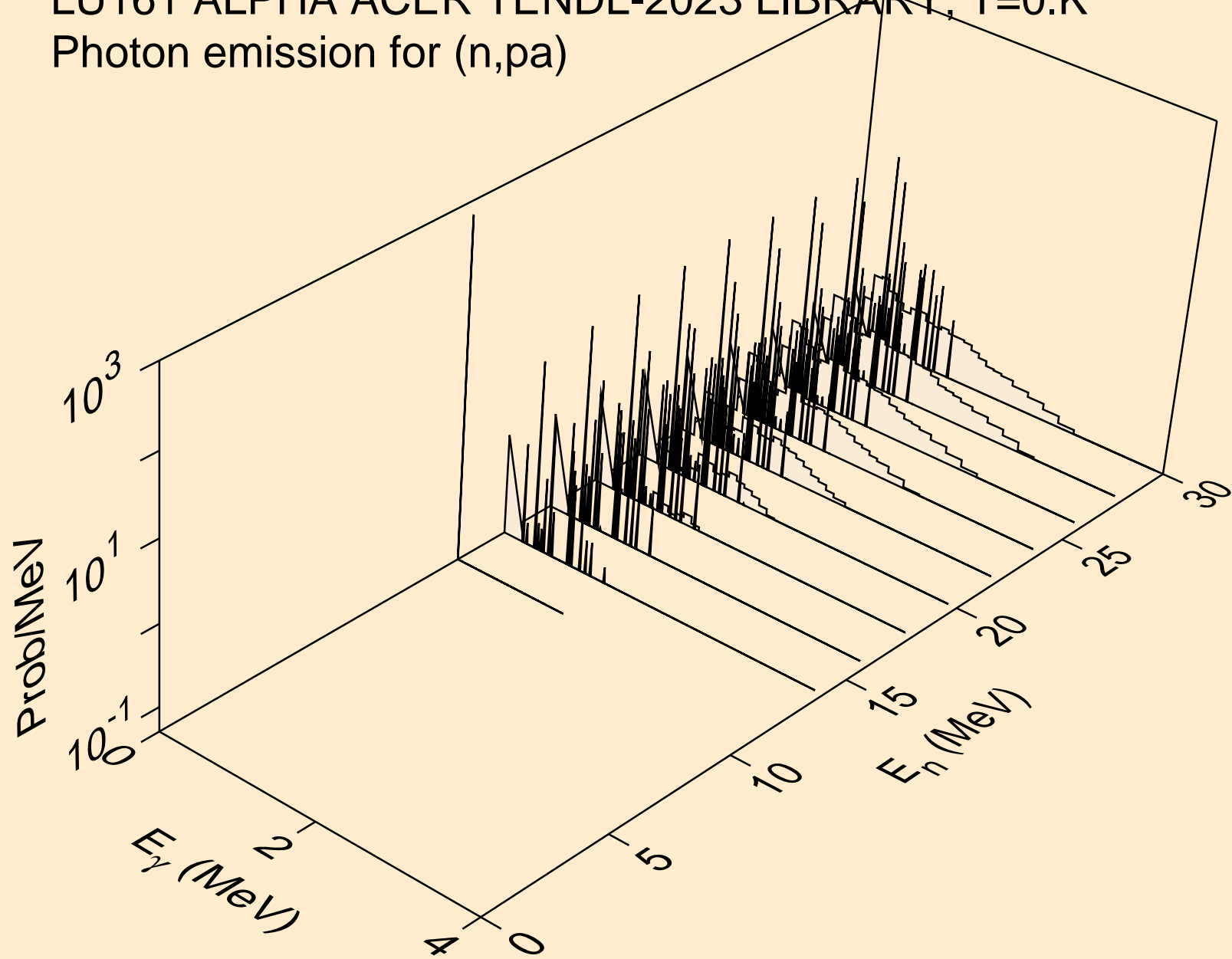
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



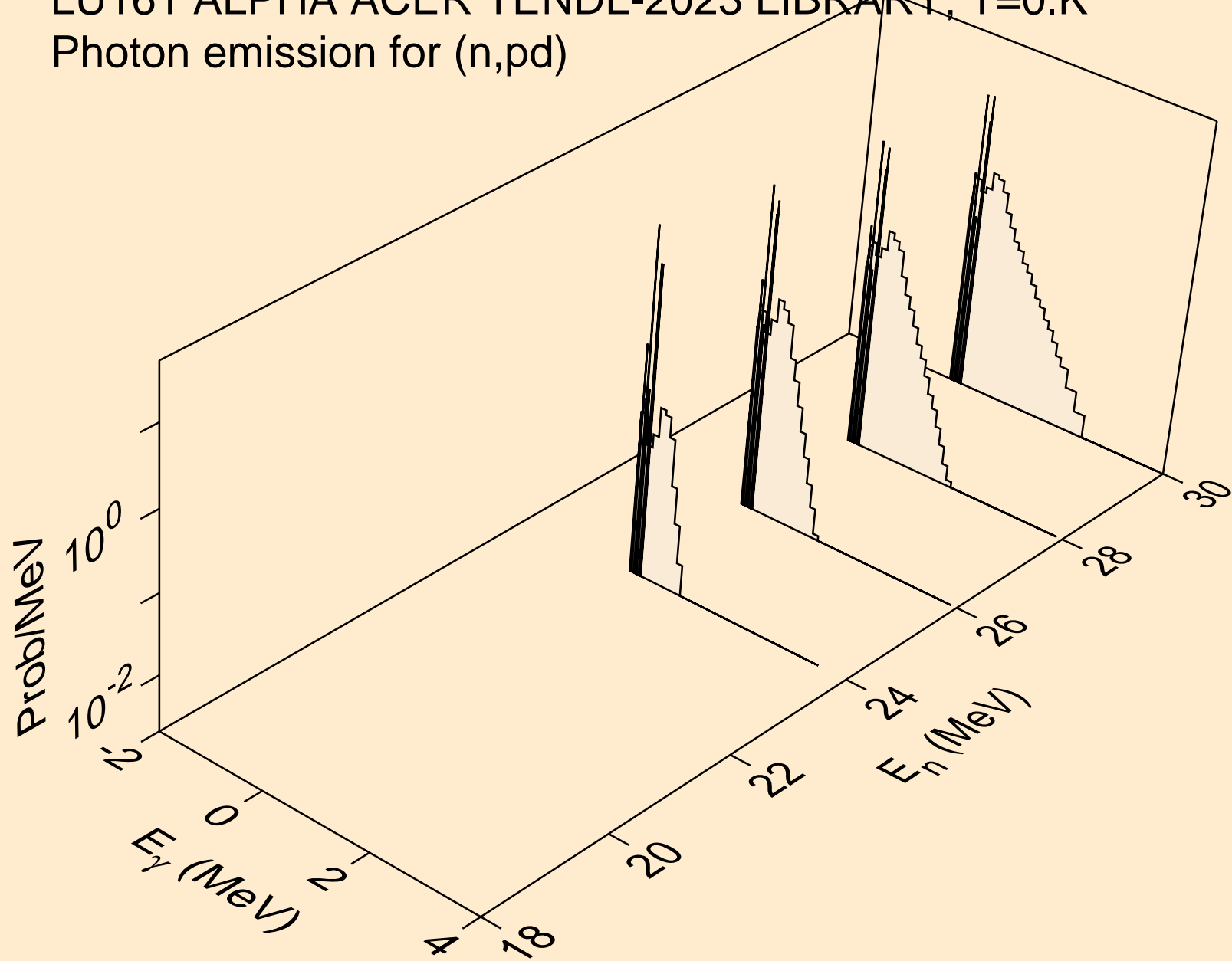
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Photon emission for (n,2p)



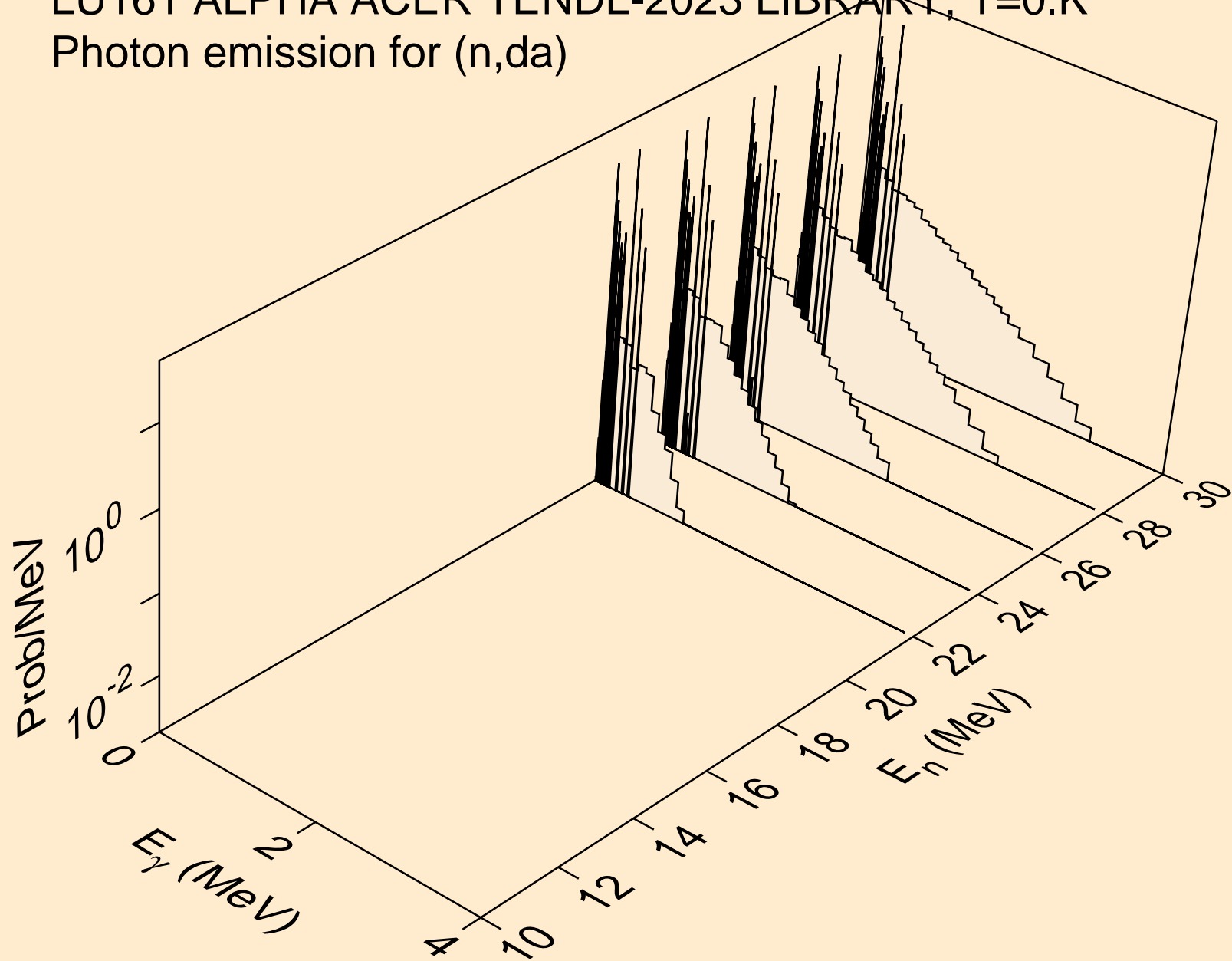
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



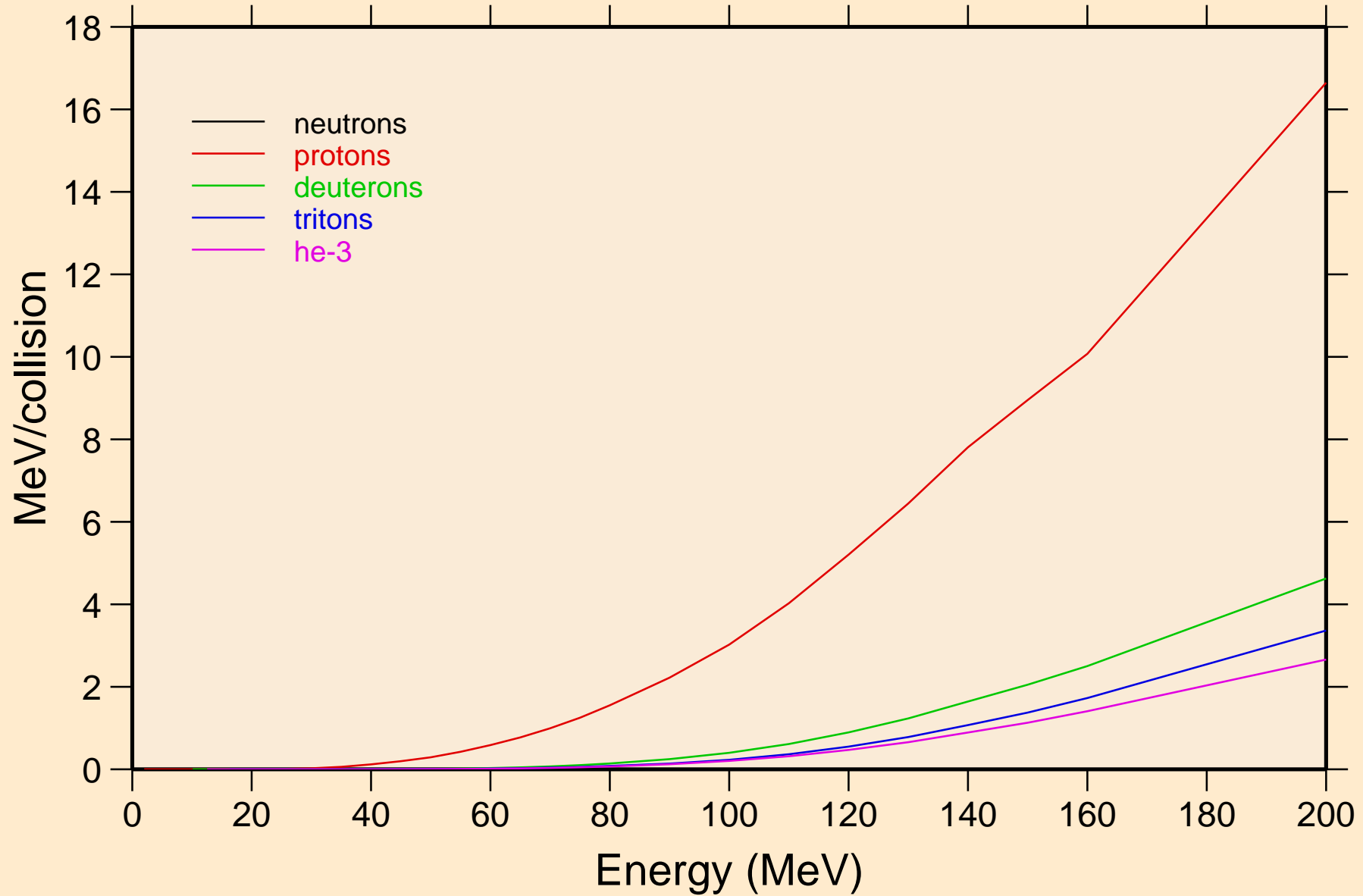
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

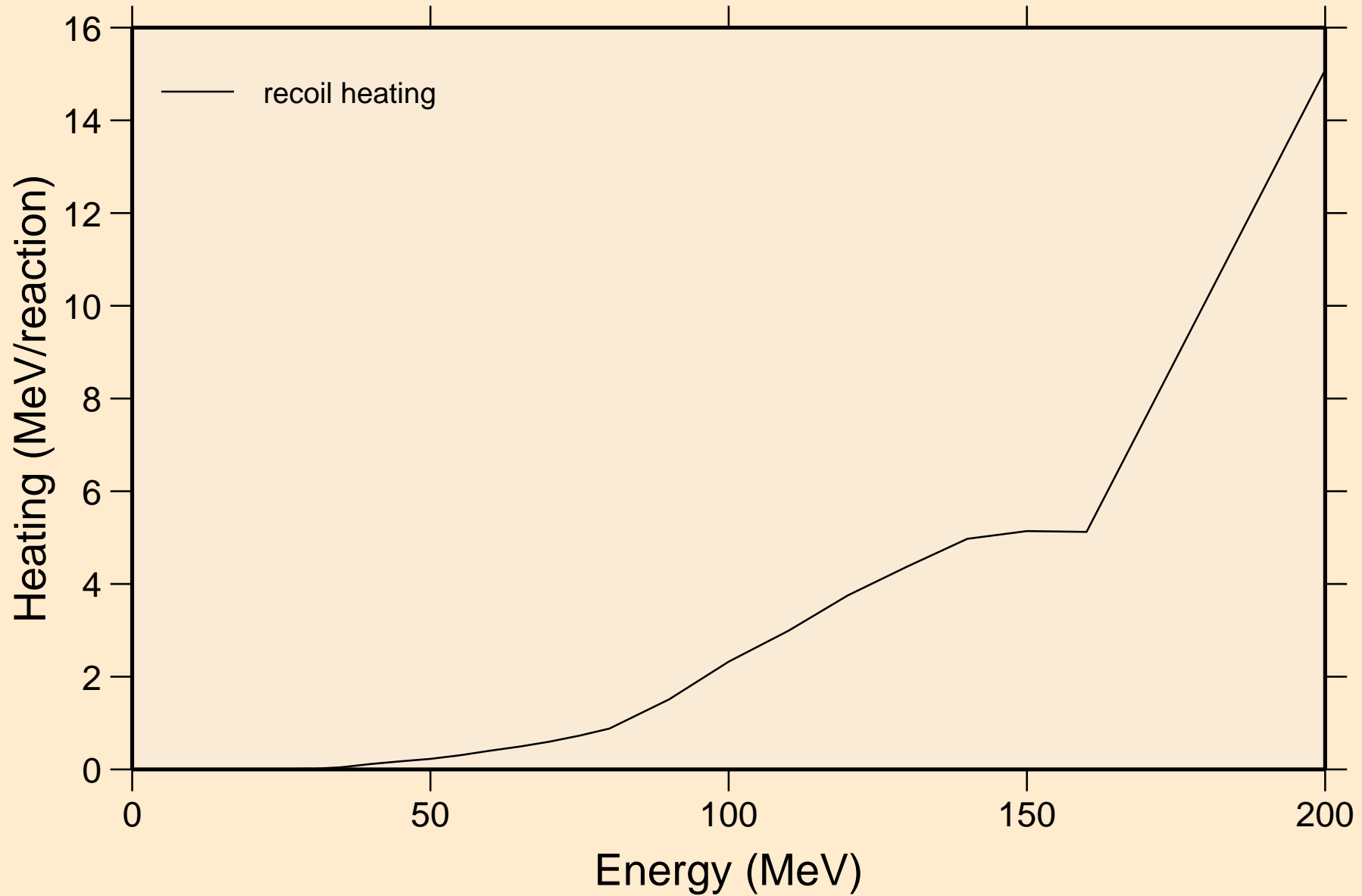


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



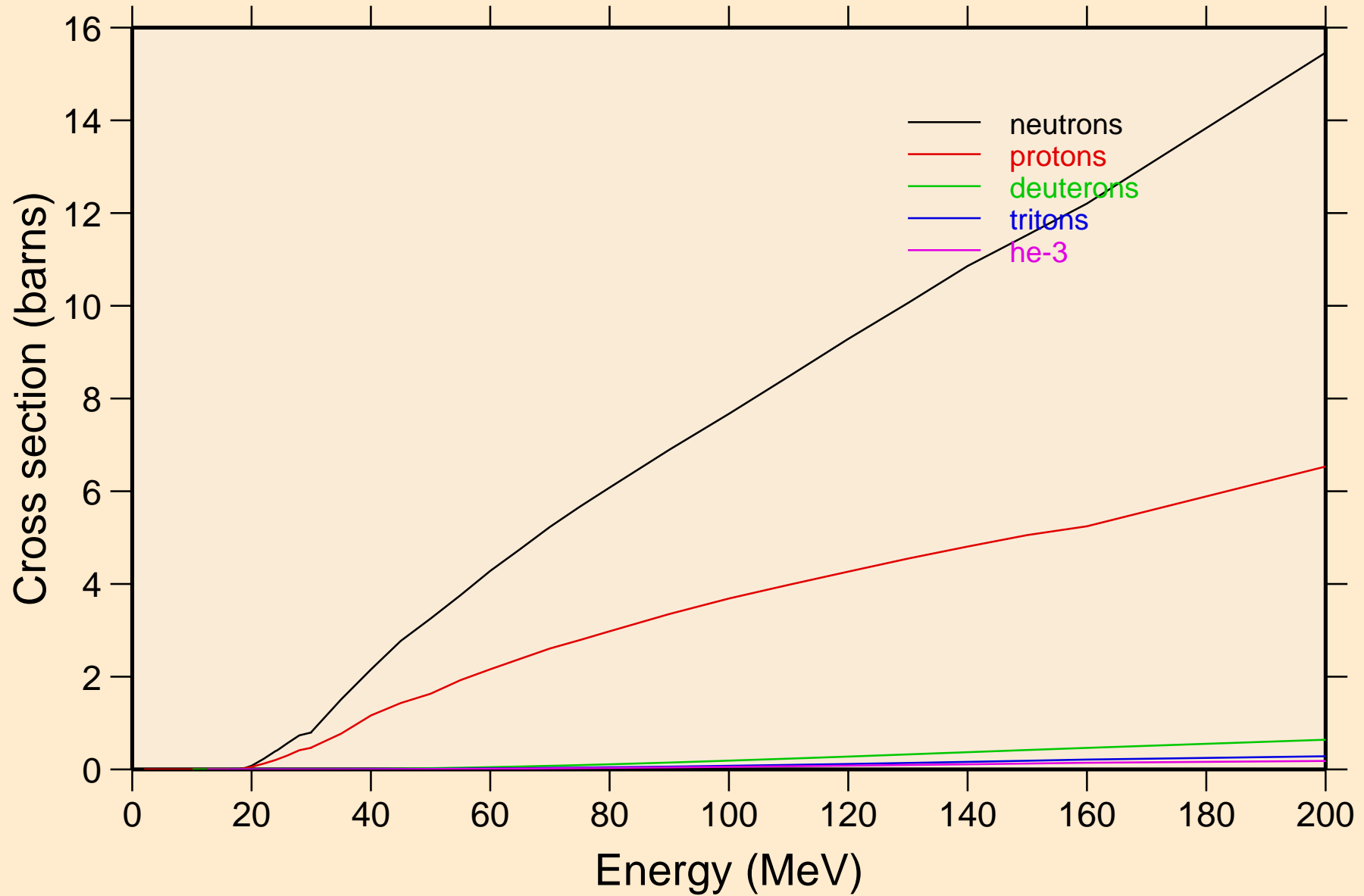


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

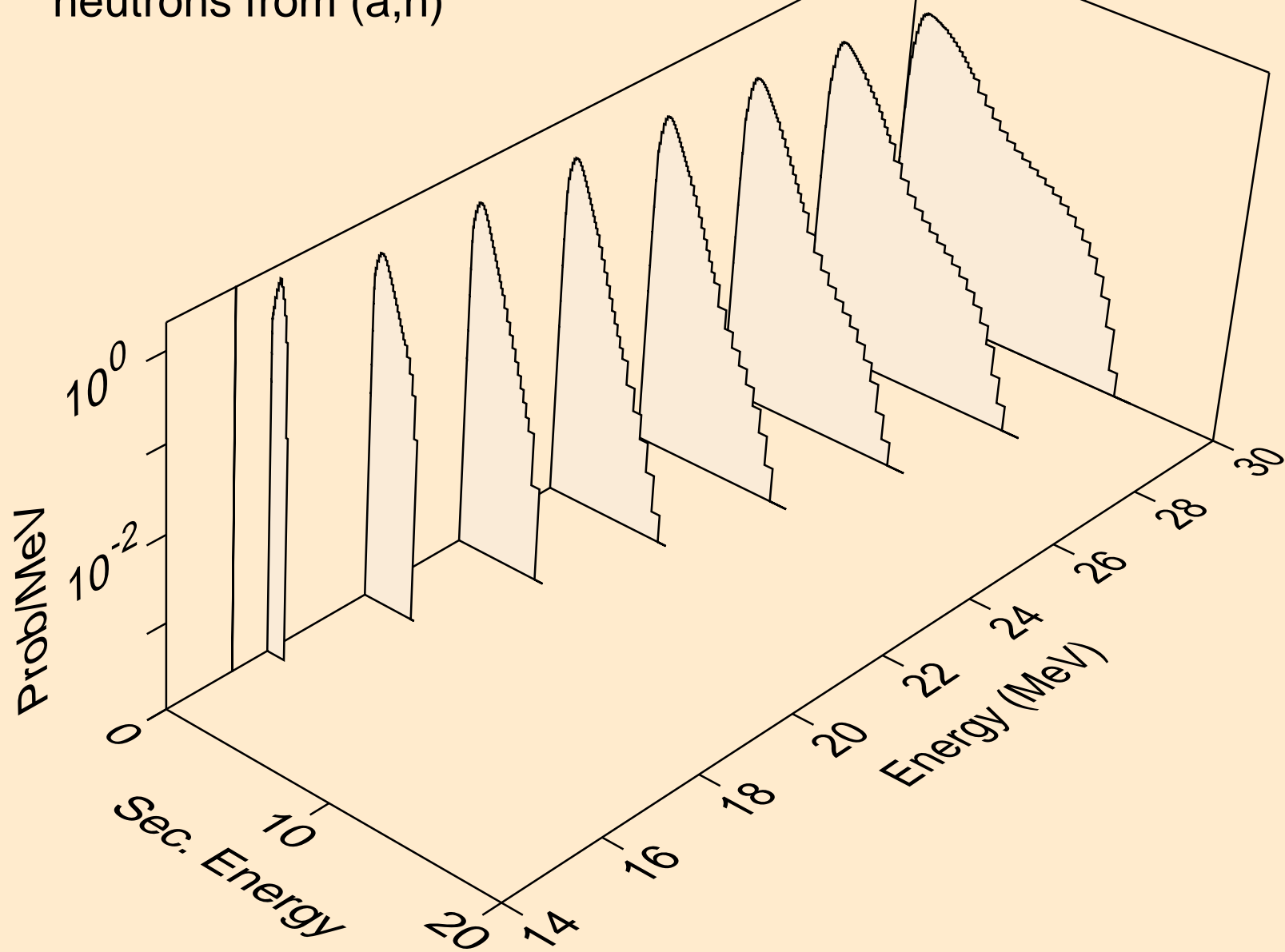


# LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

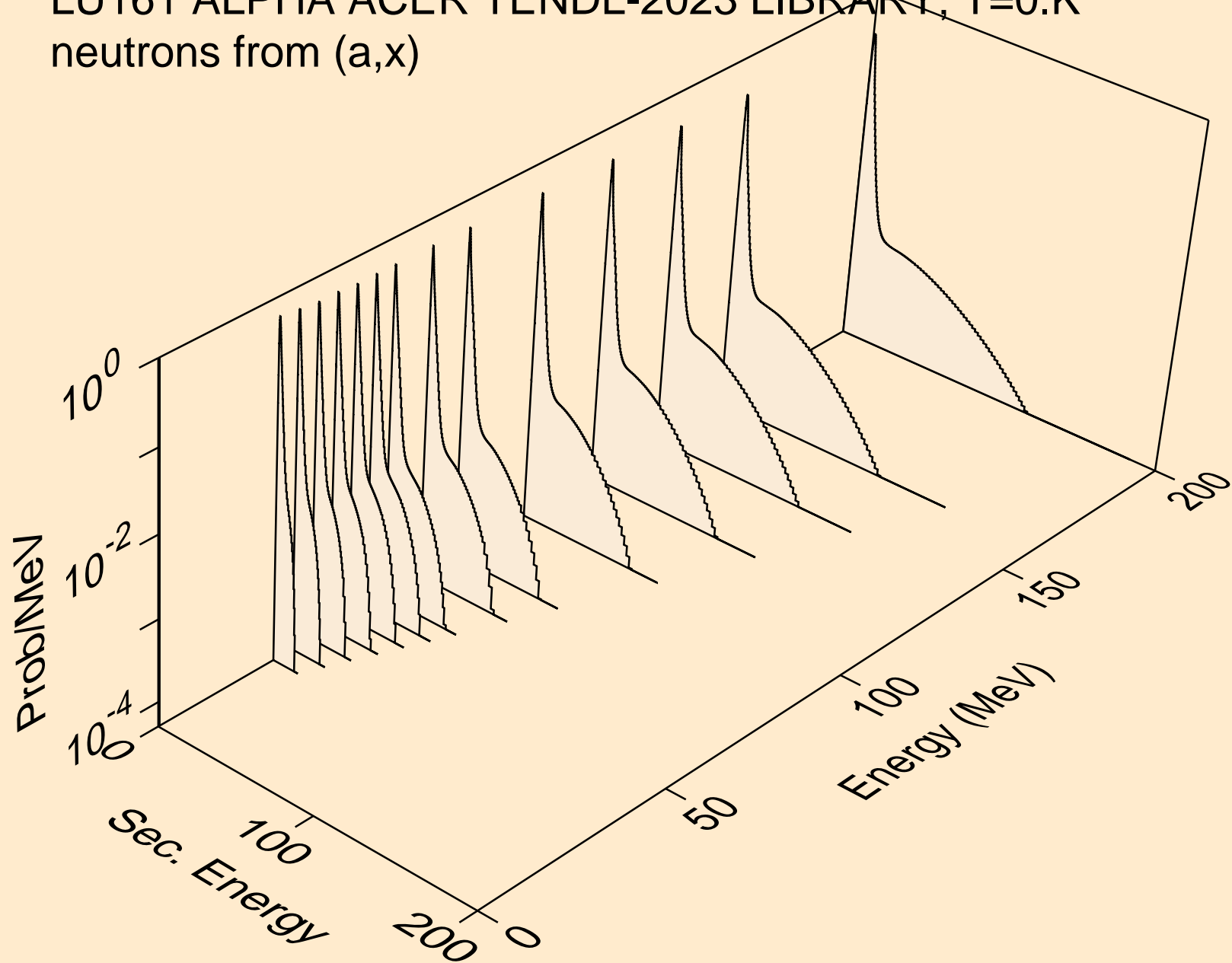
## Particle production cross sections



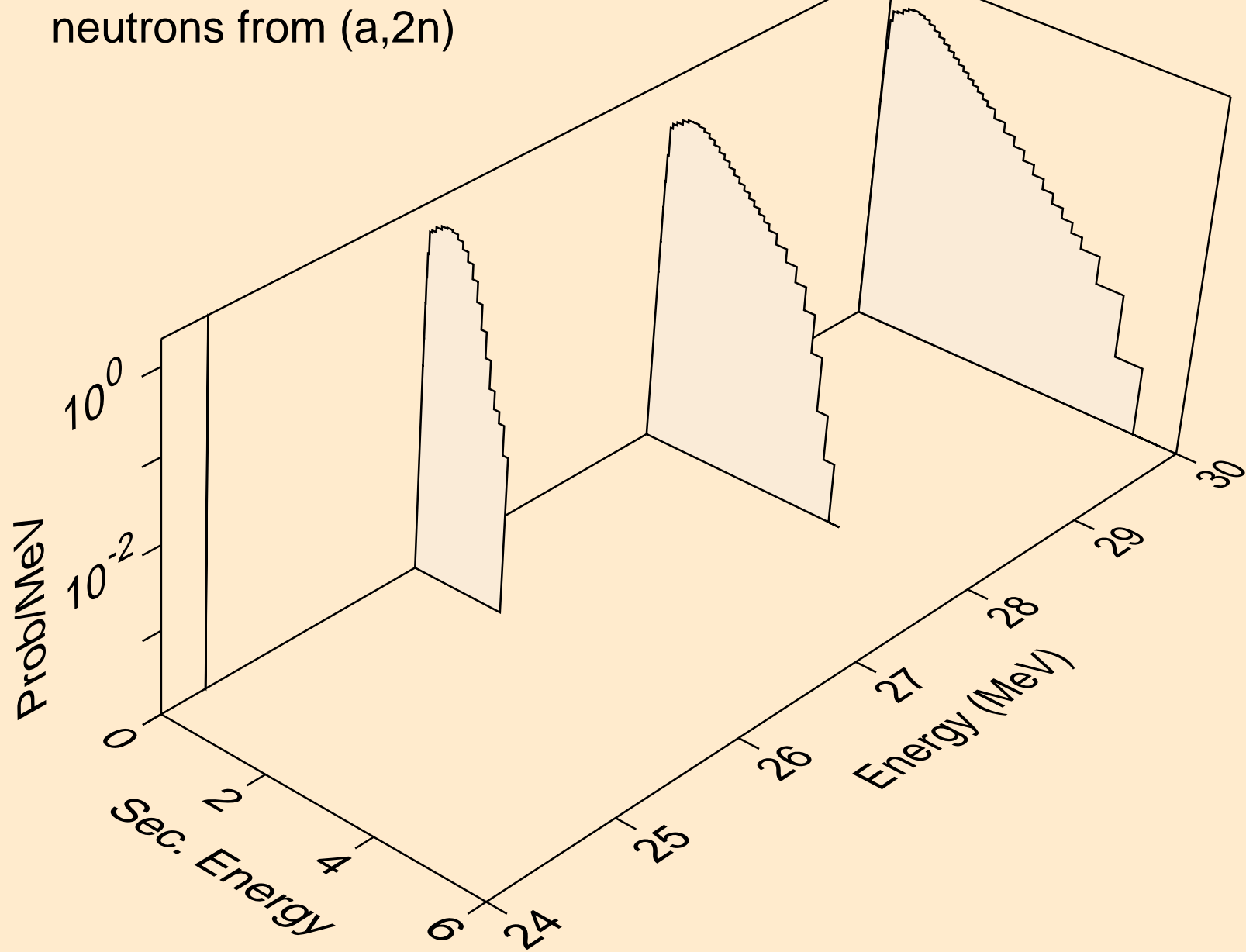
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



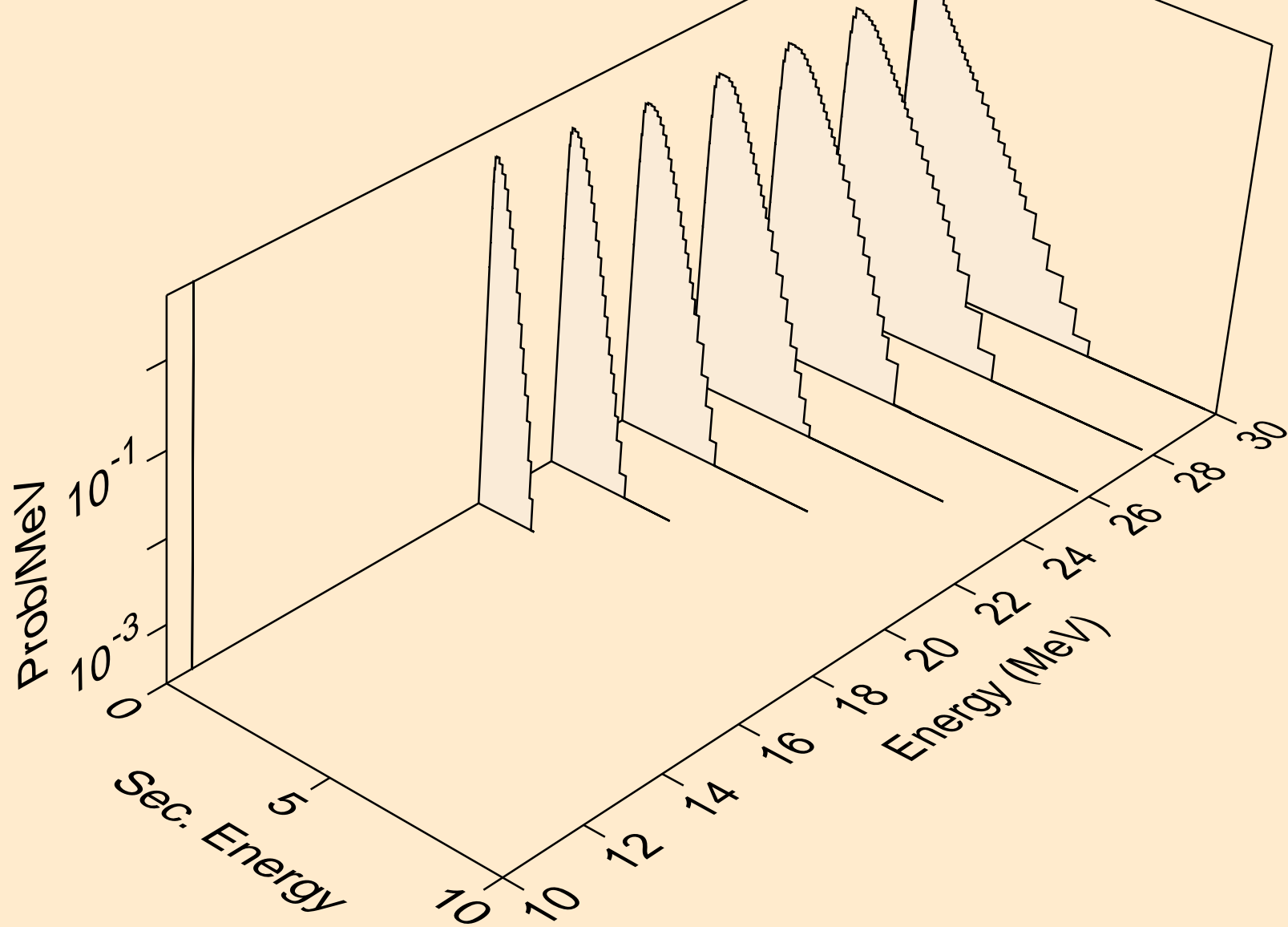
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



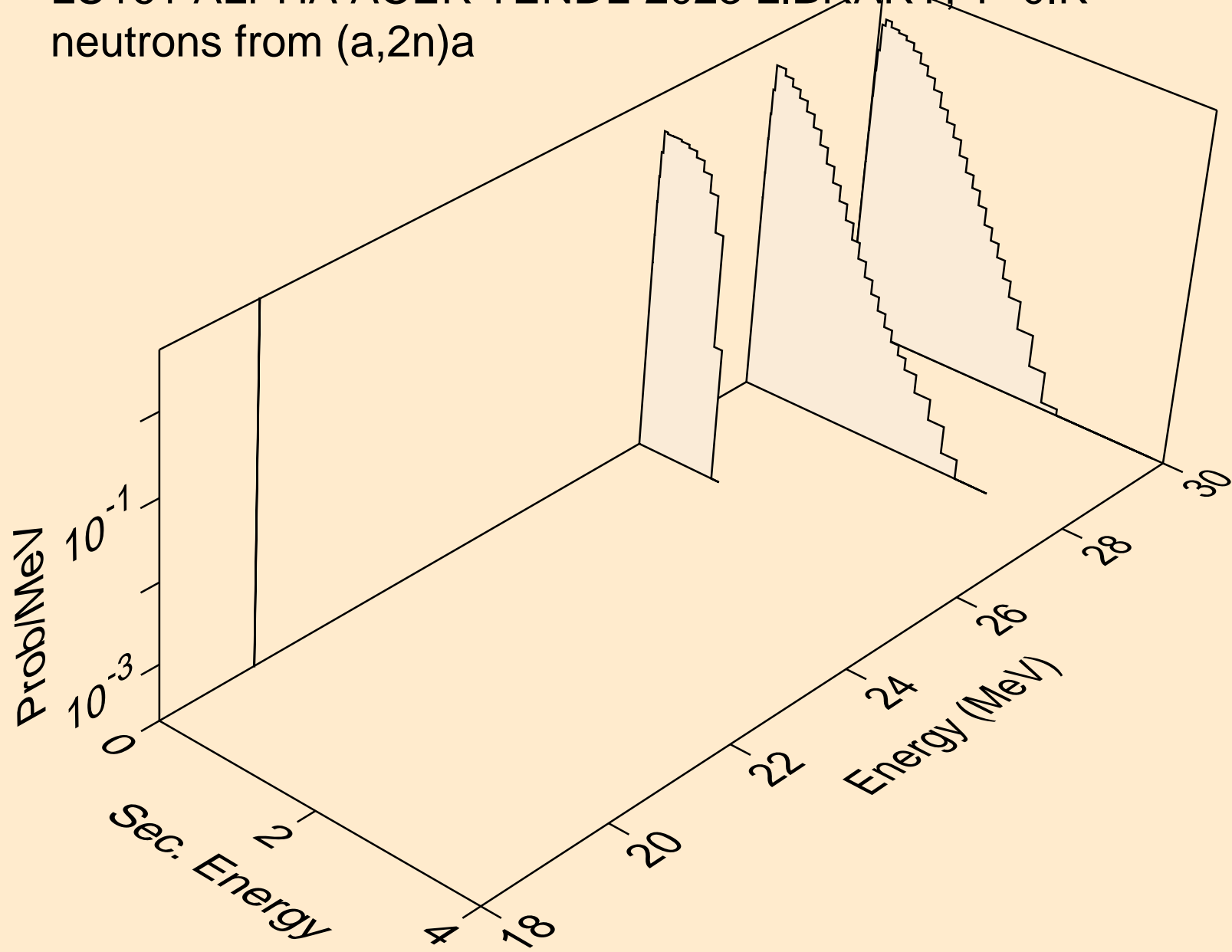
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



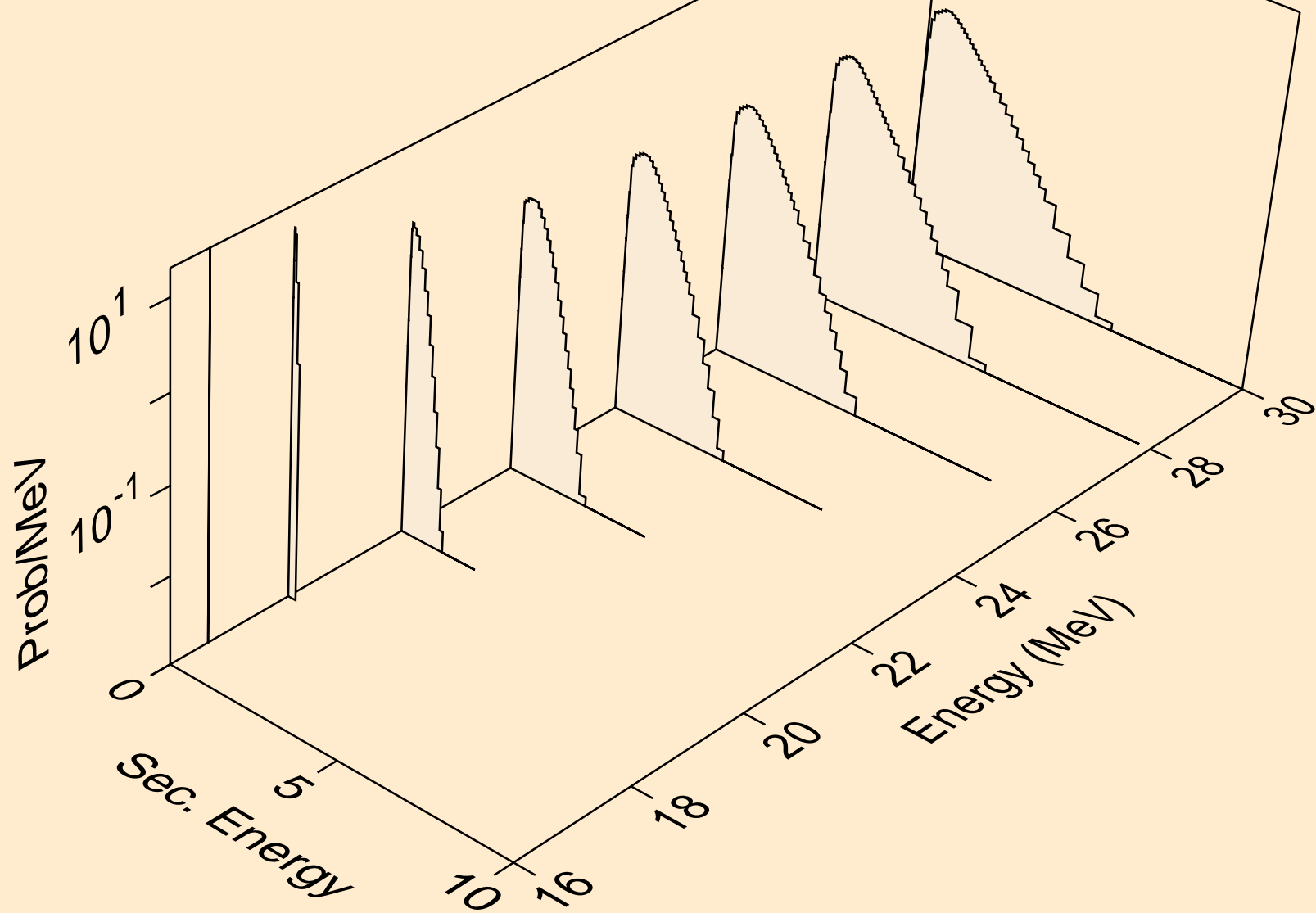
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

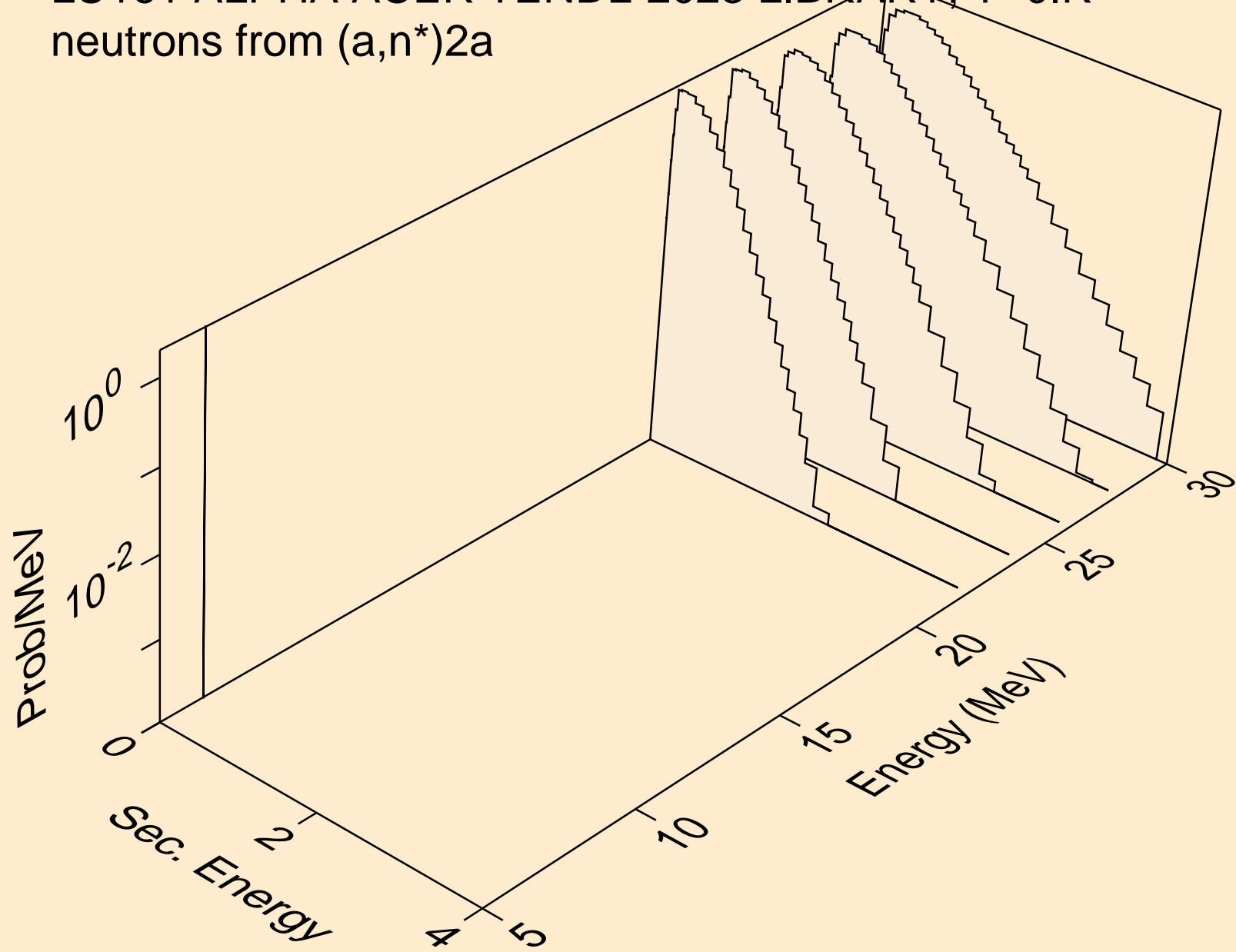


LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

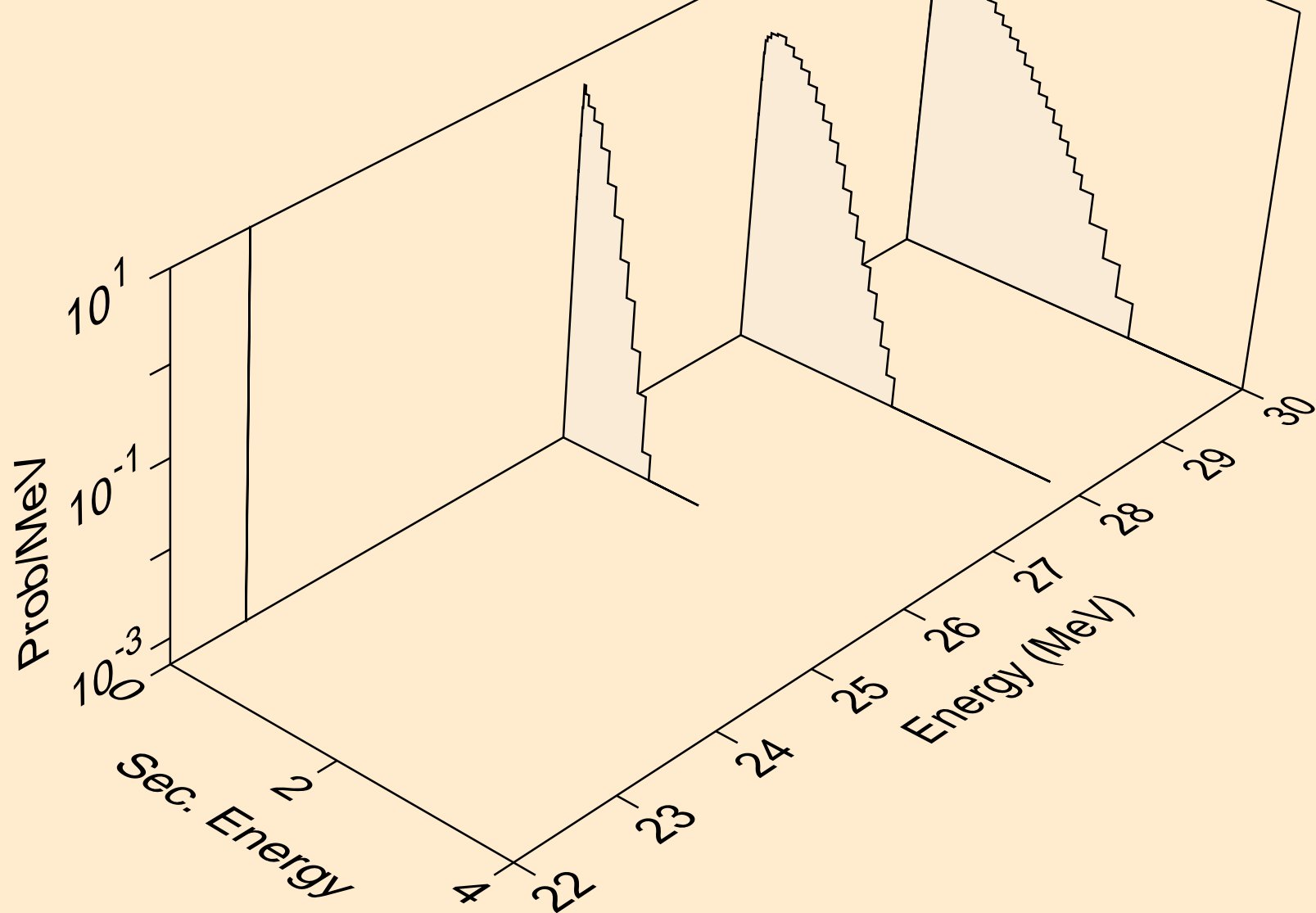




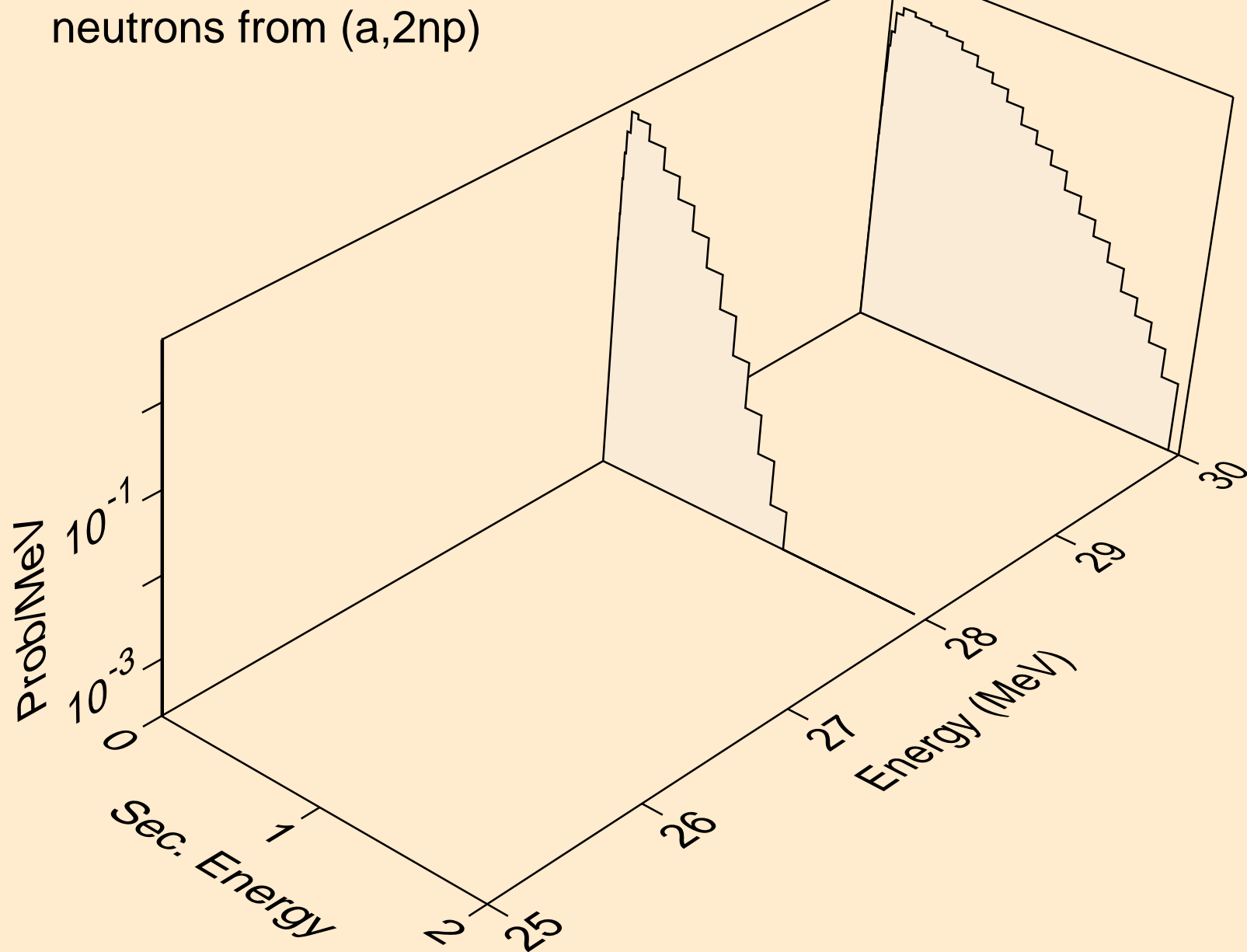
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neutrons from (a,n\*)2a



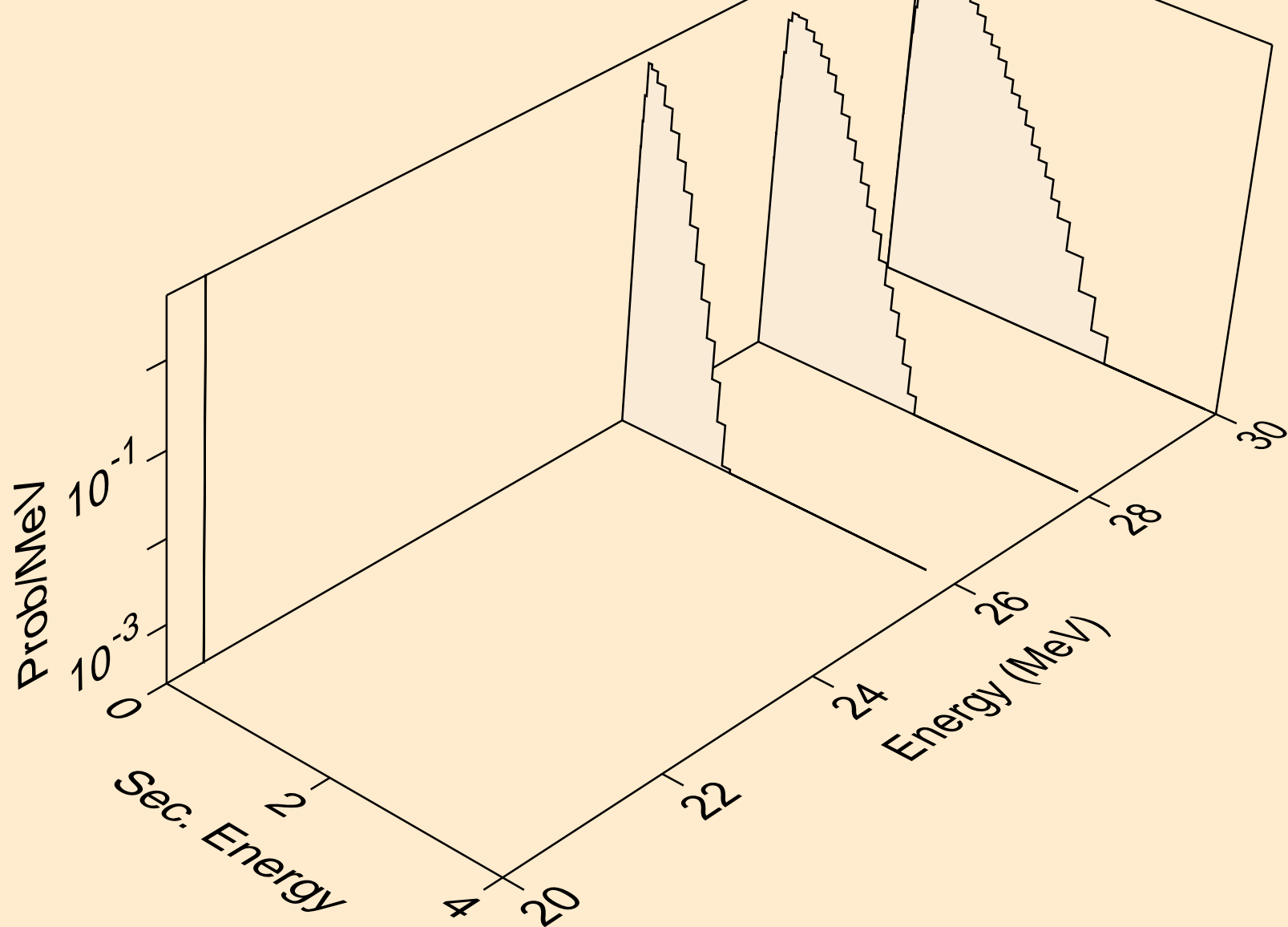
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



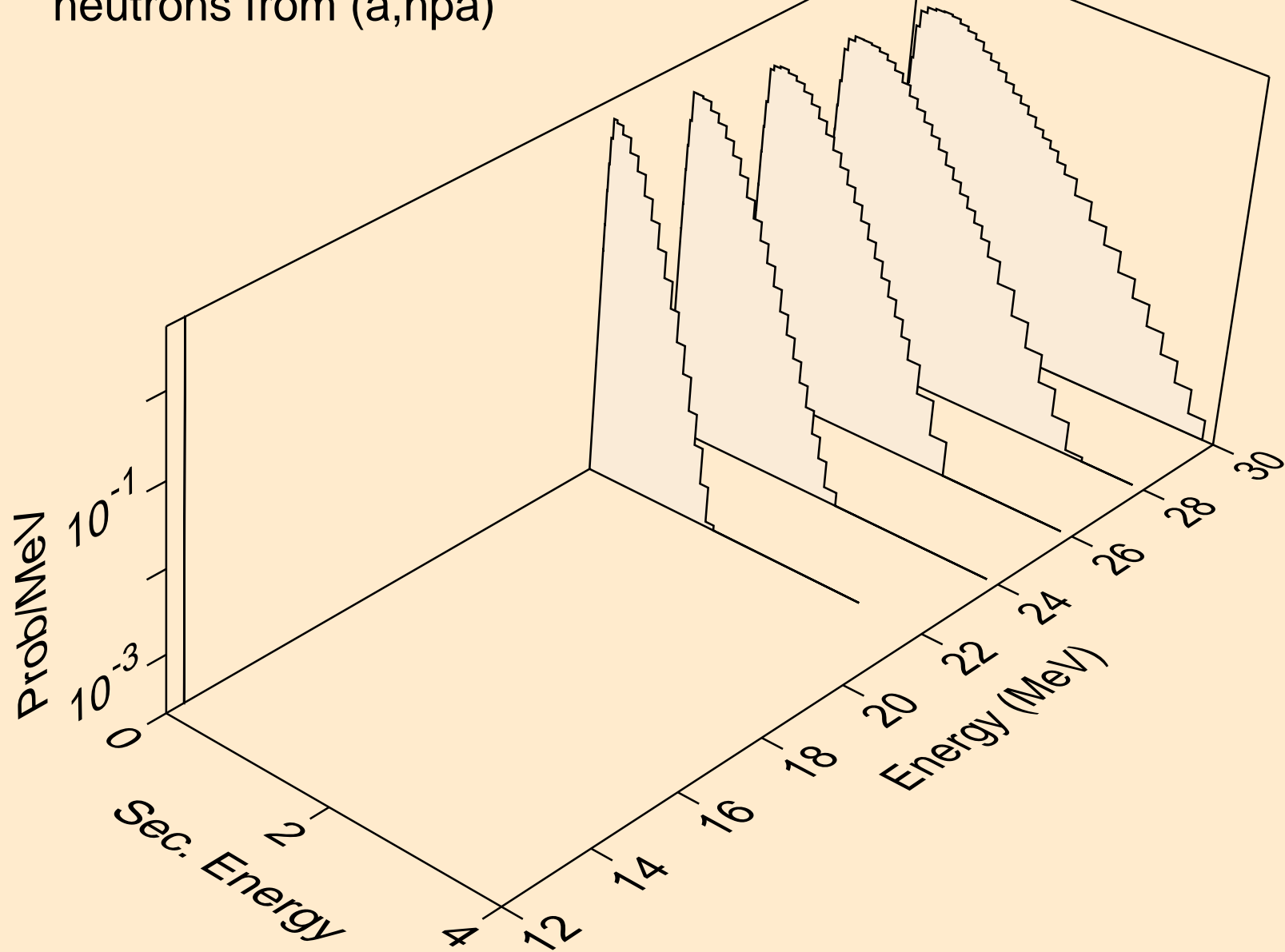
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neutrons from (a,2np)



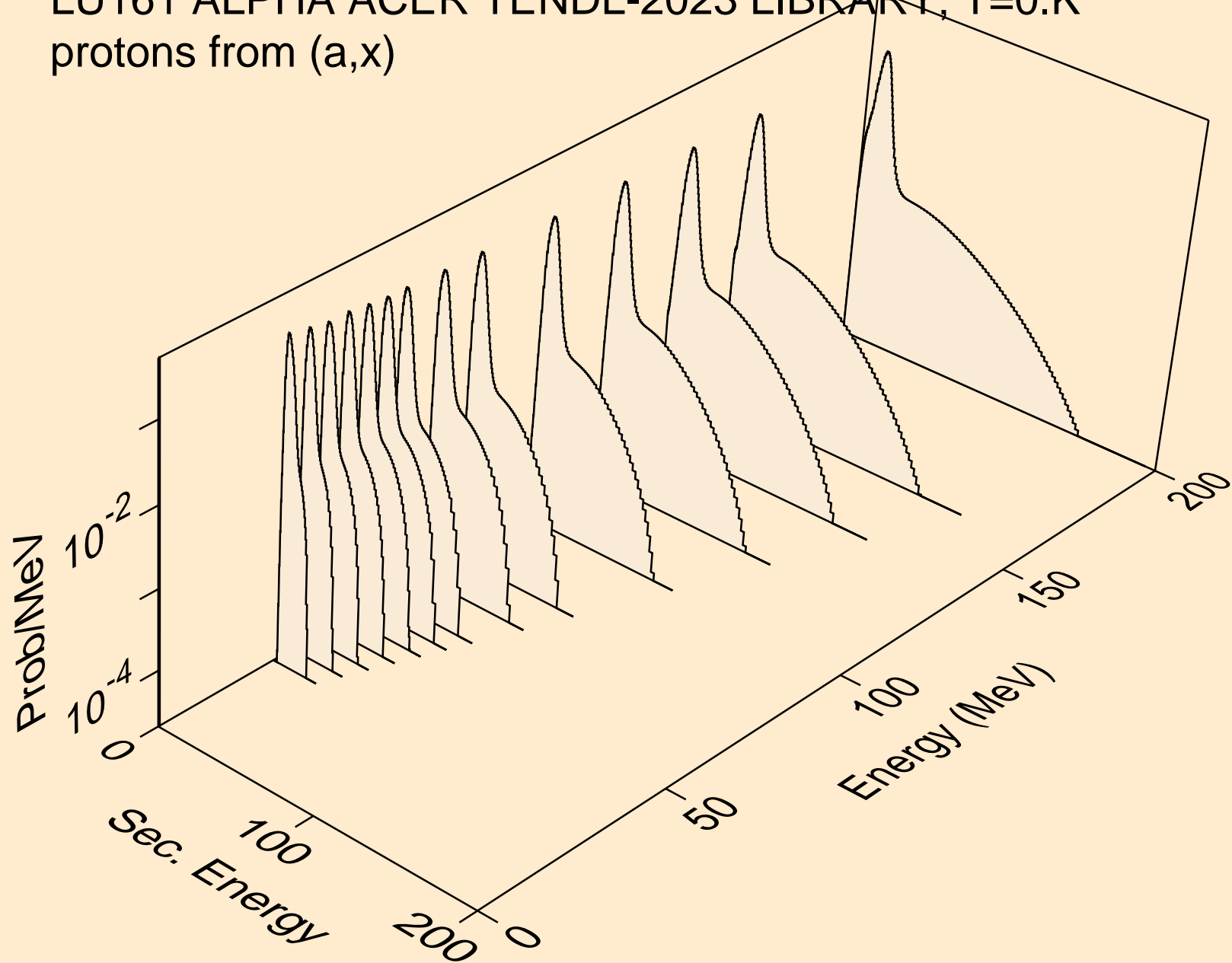
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neutrons from (a,n2p)



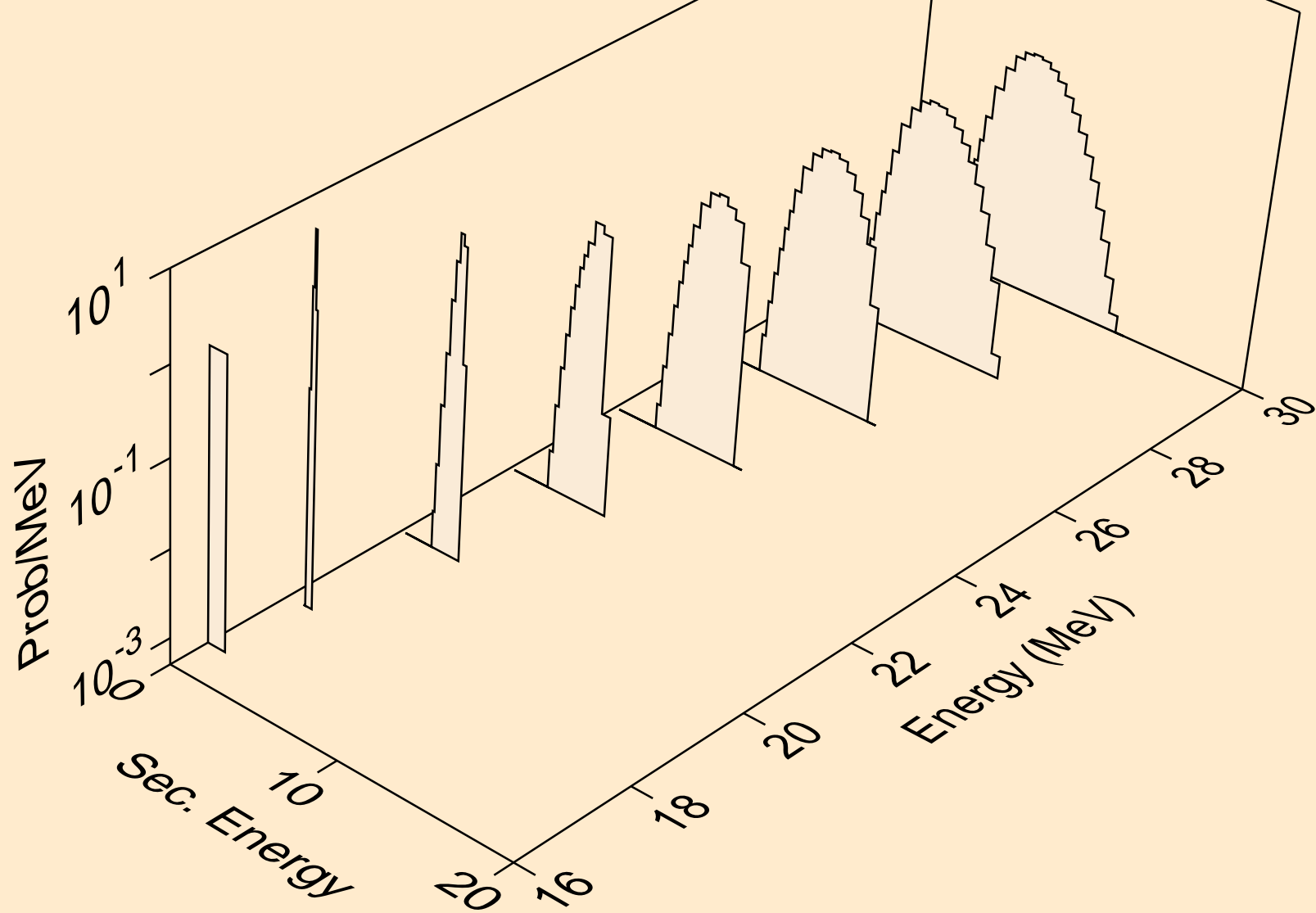
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neutrons from (a,npa)



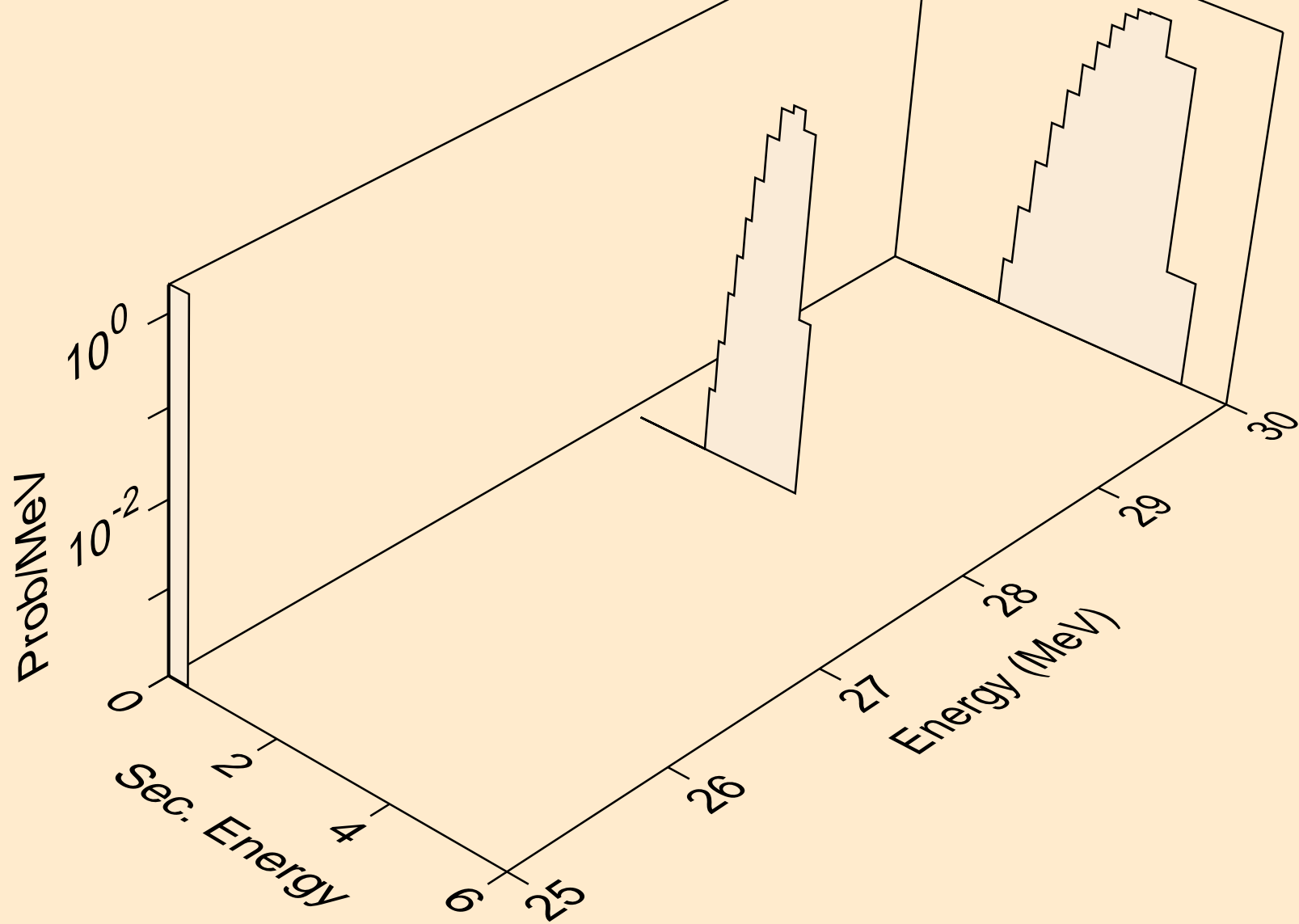
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

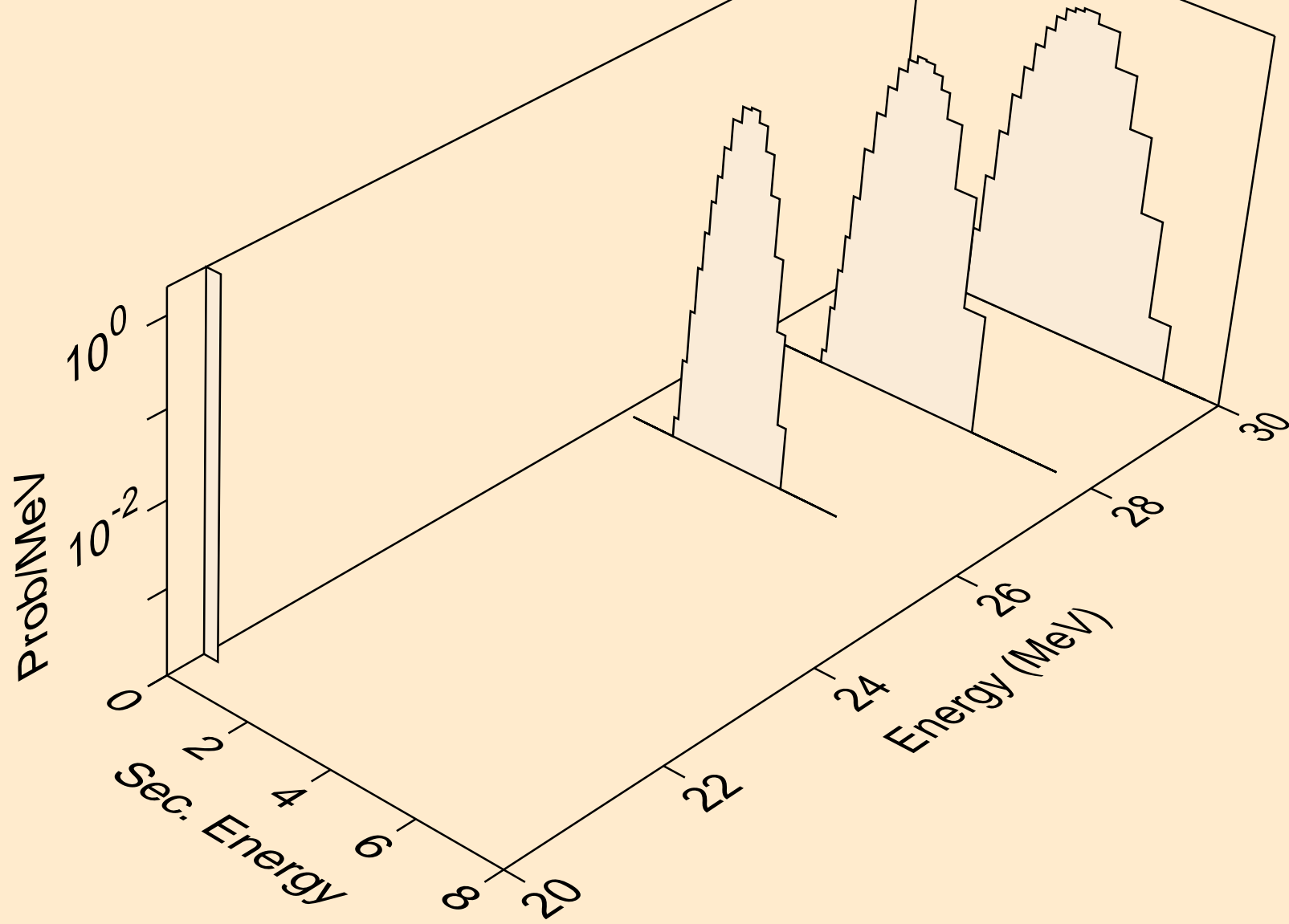


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protons from (a,2np)

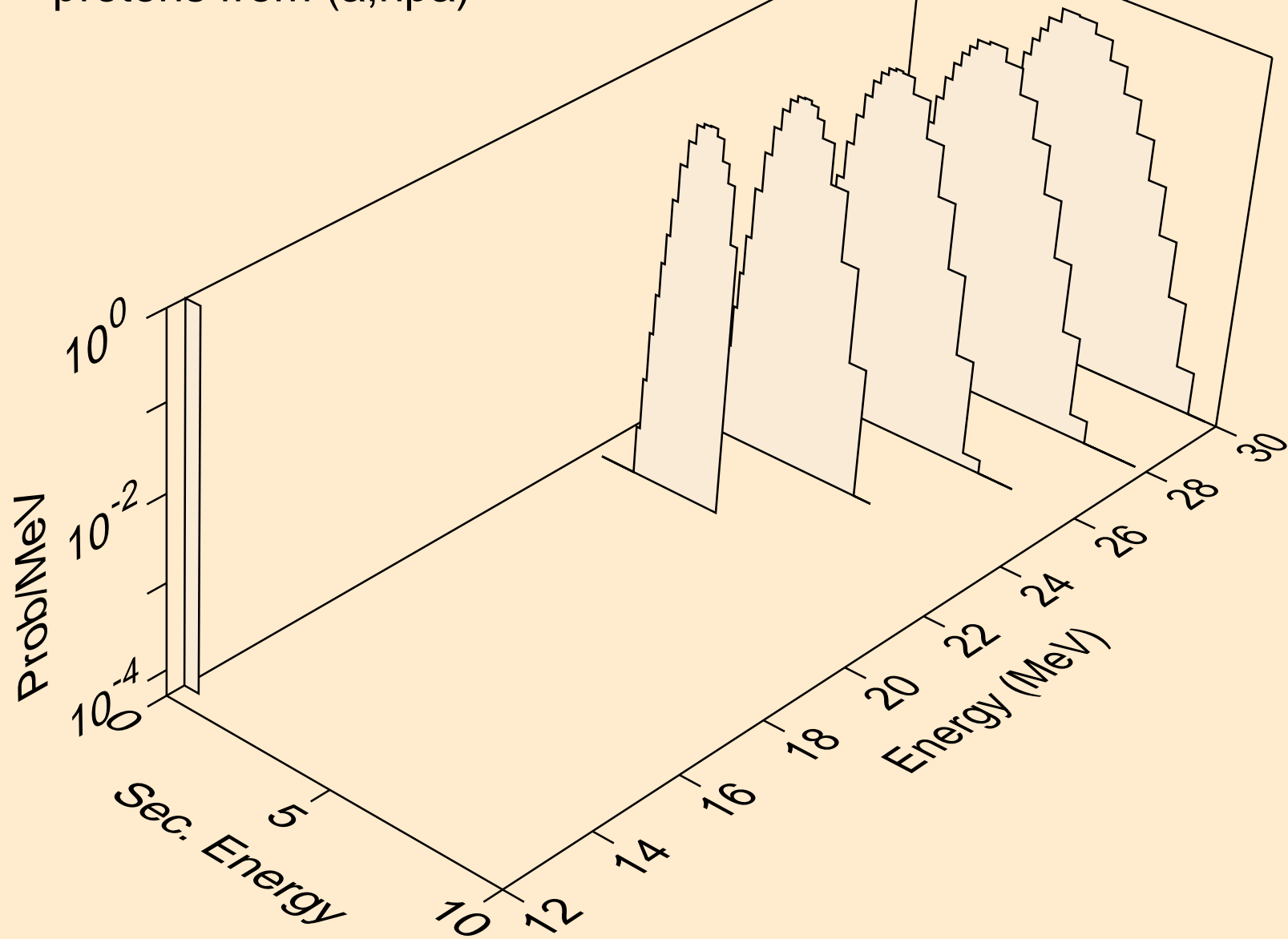




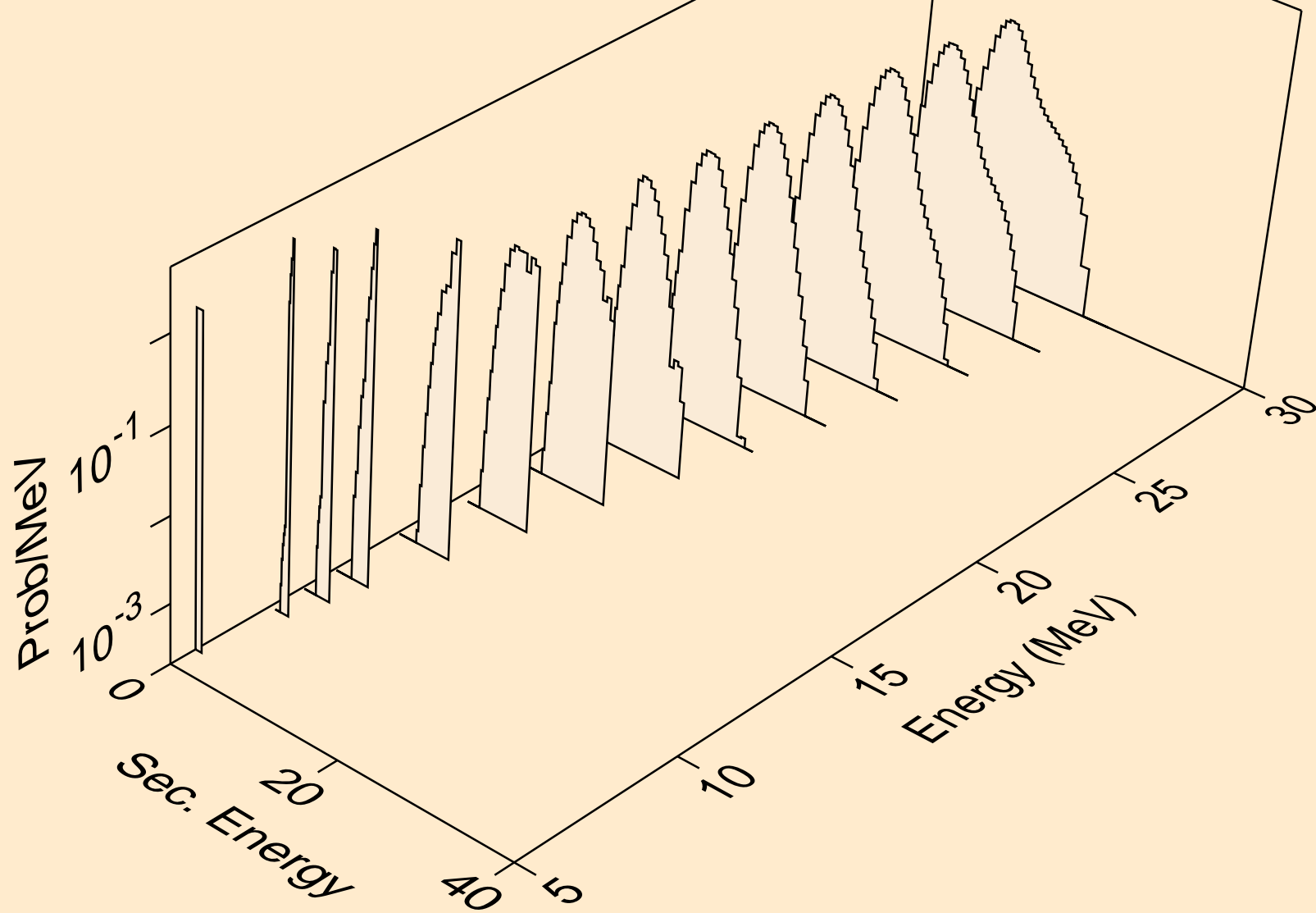
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protons from (a,n2p)



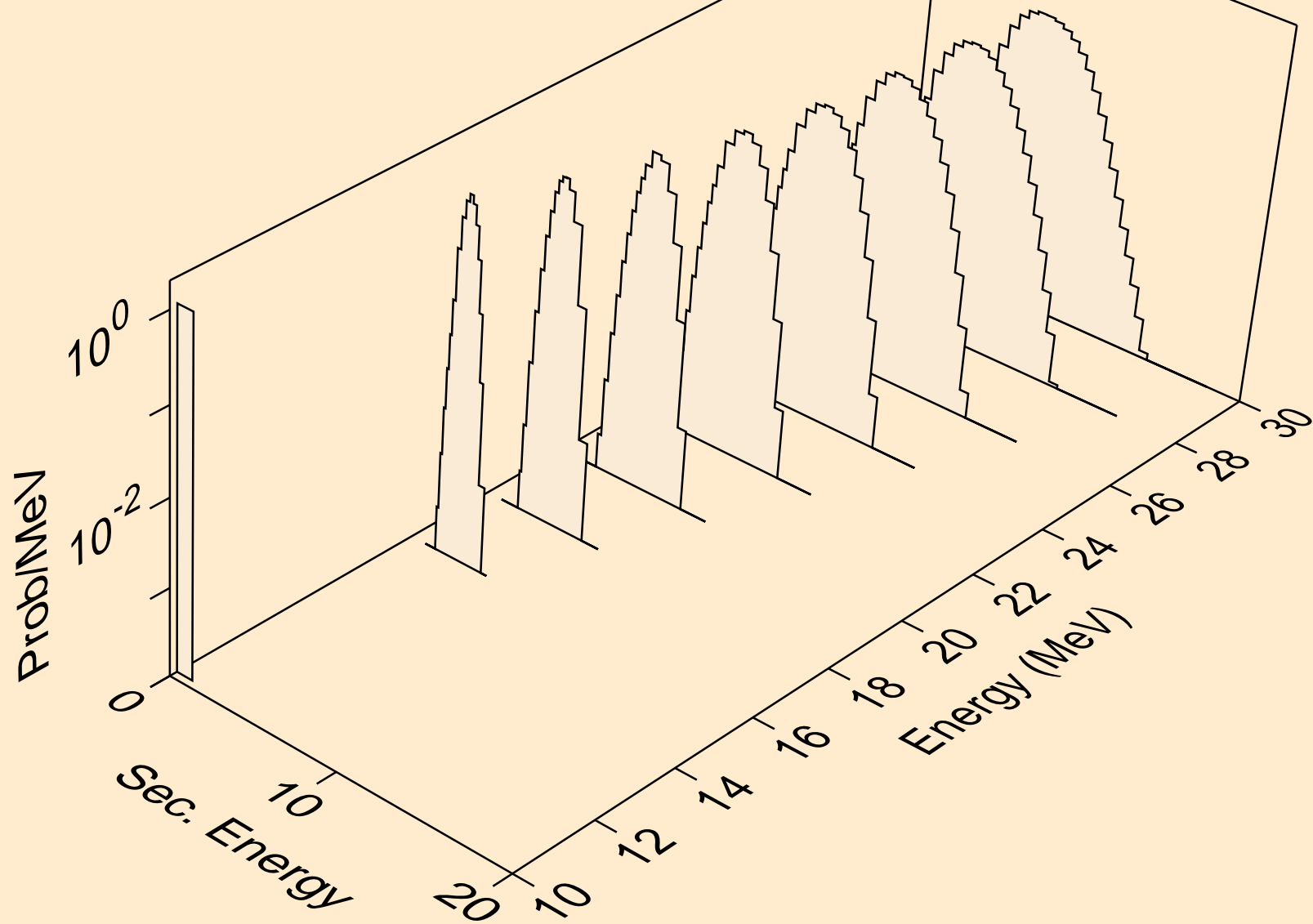
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protons from (a,npa)



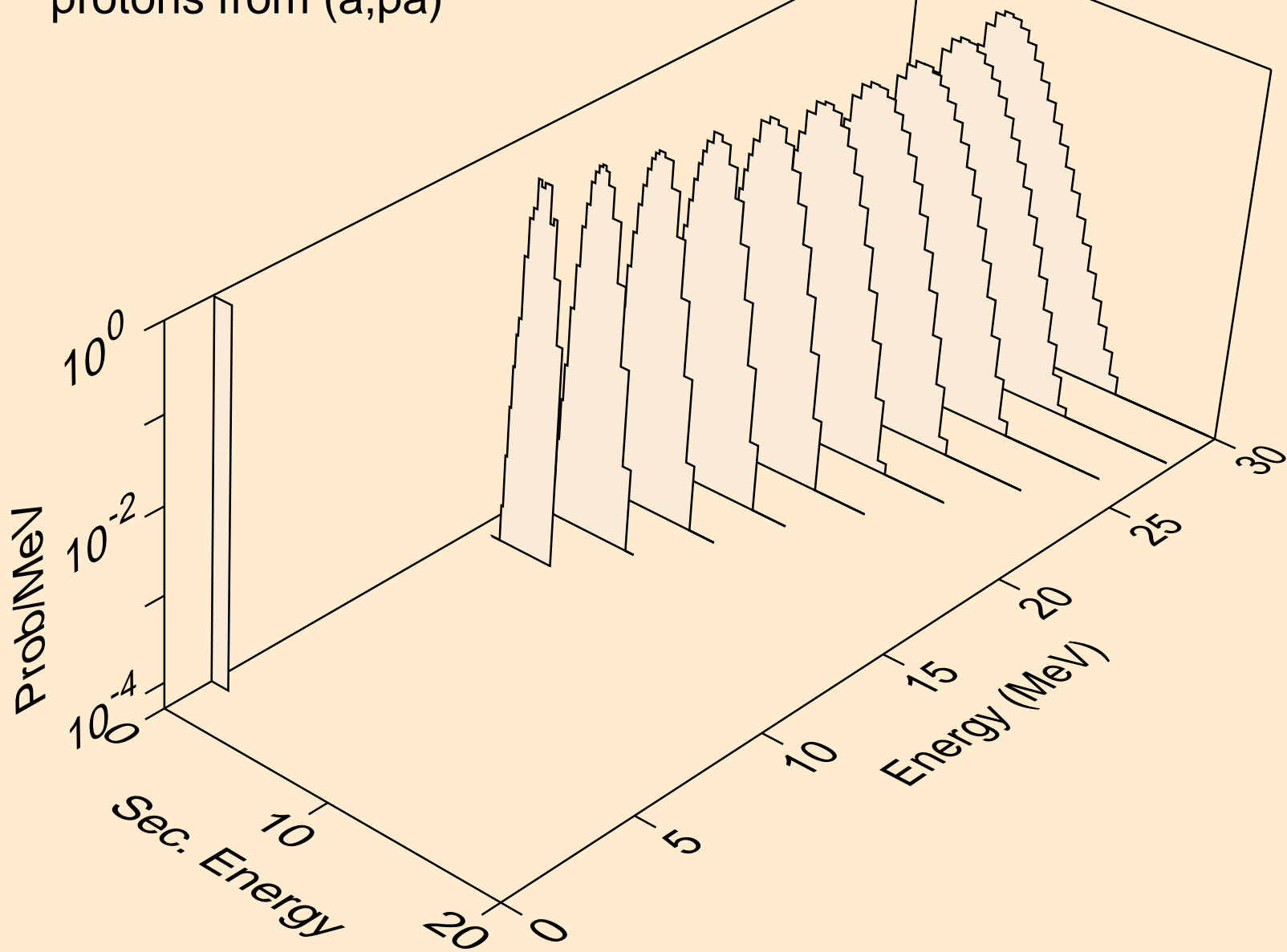
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



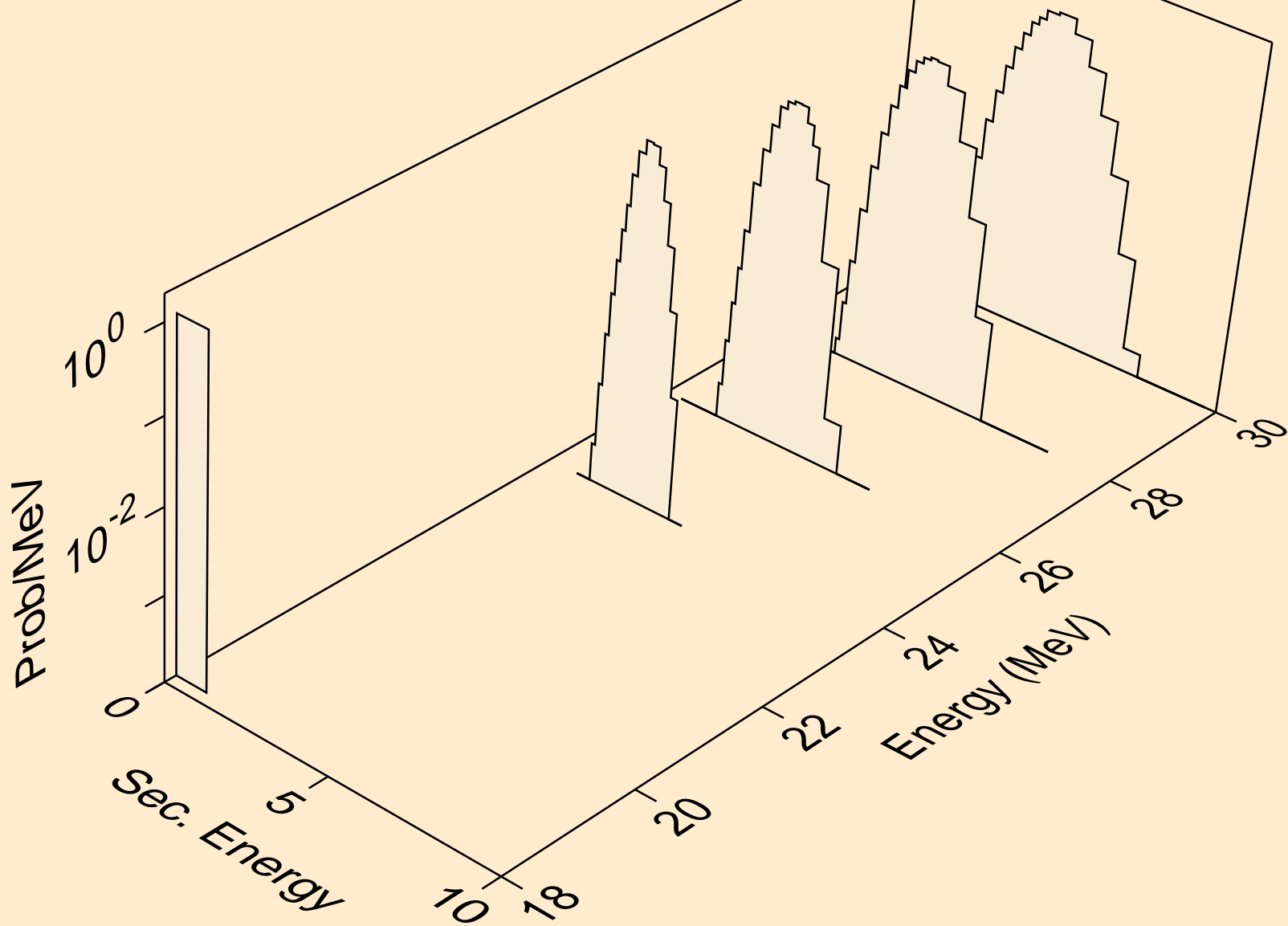
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protons from (a,2p)



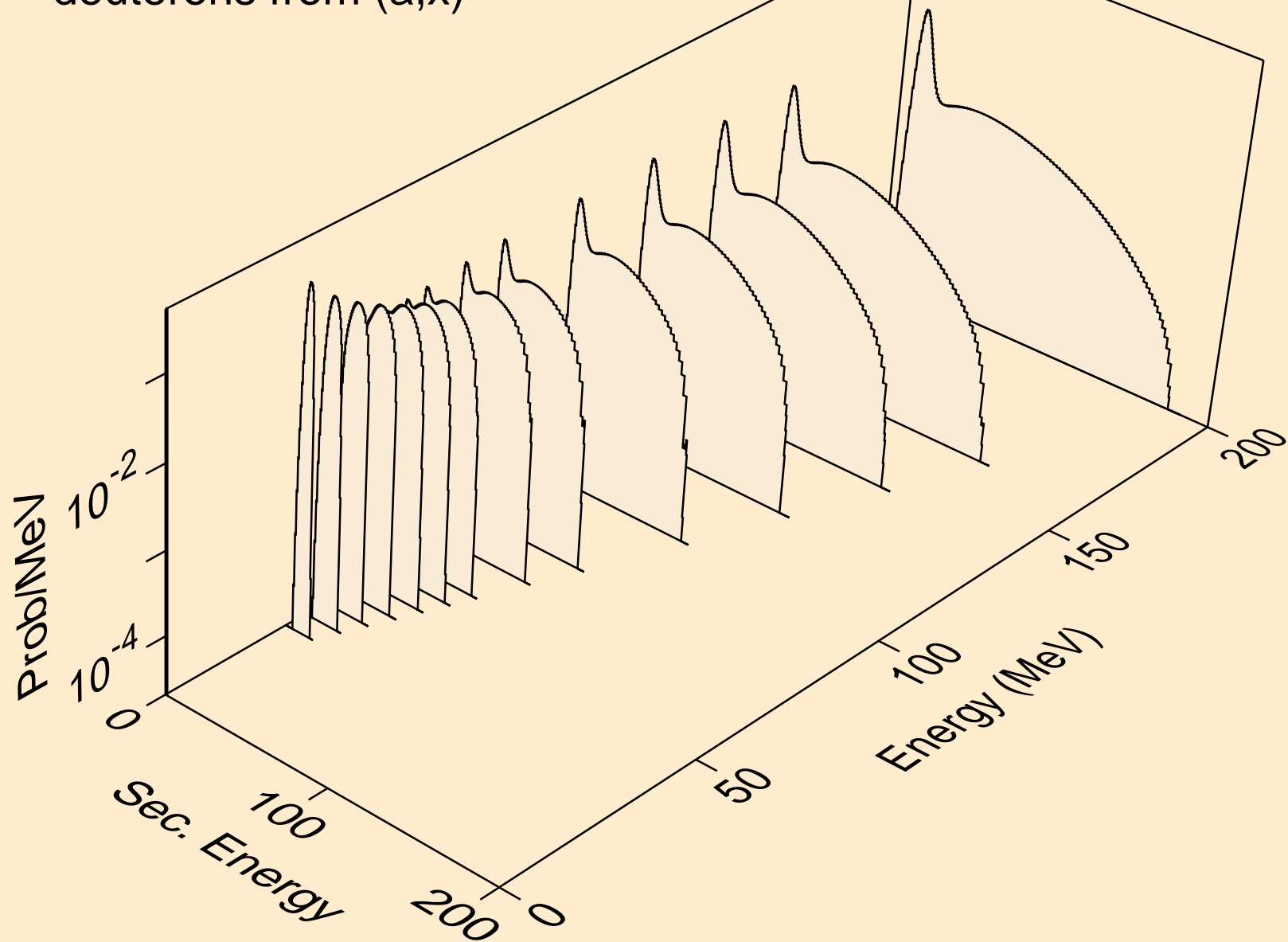
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



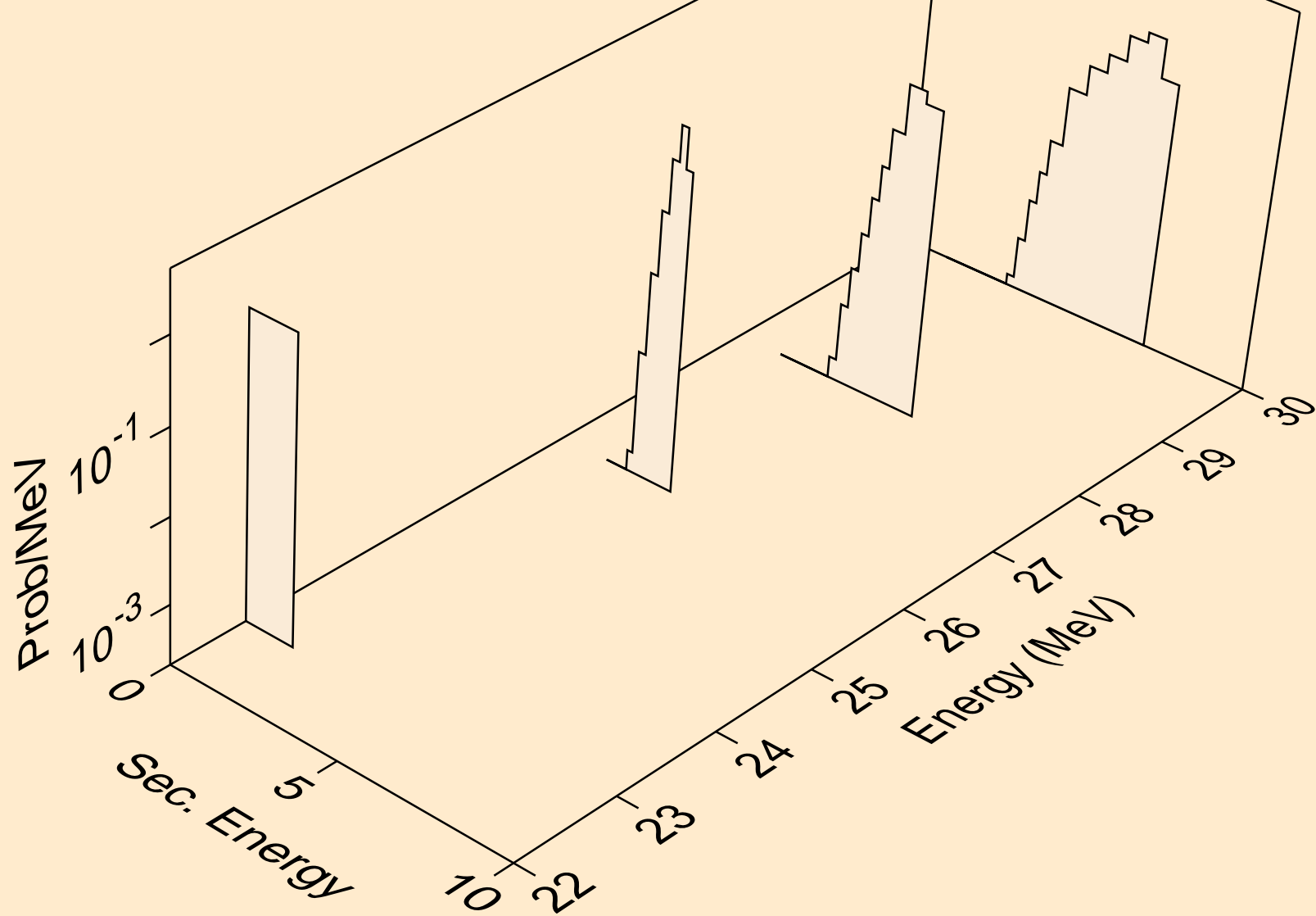
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

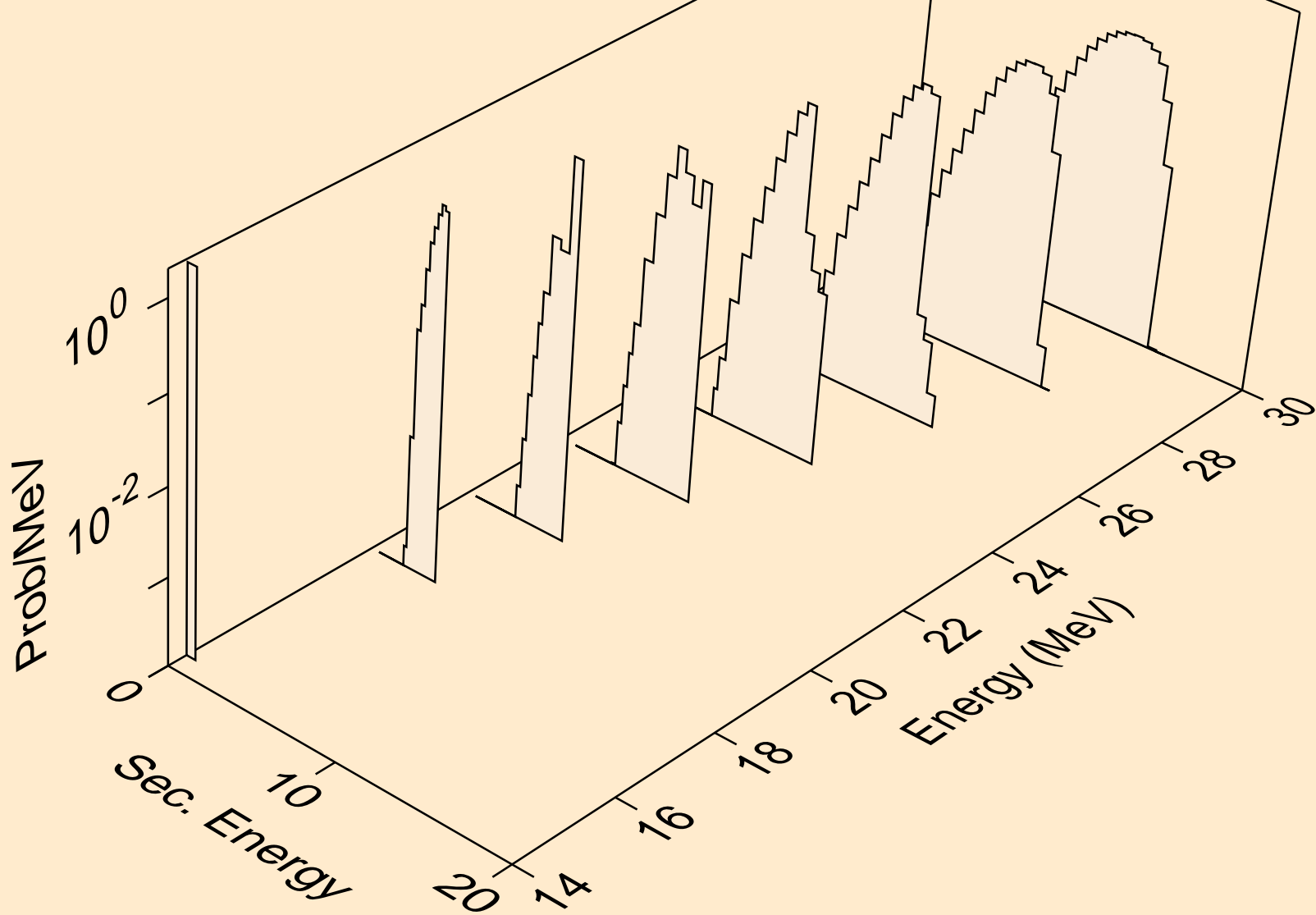


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deuterons from (a,n\*)d

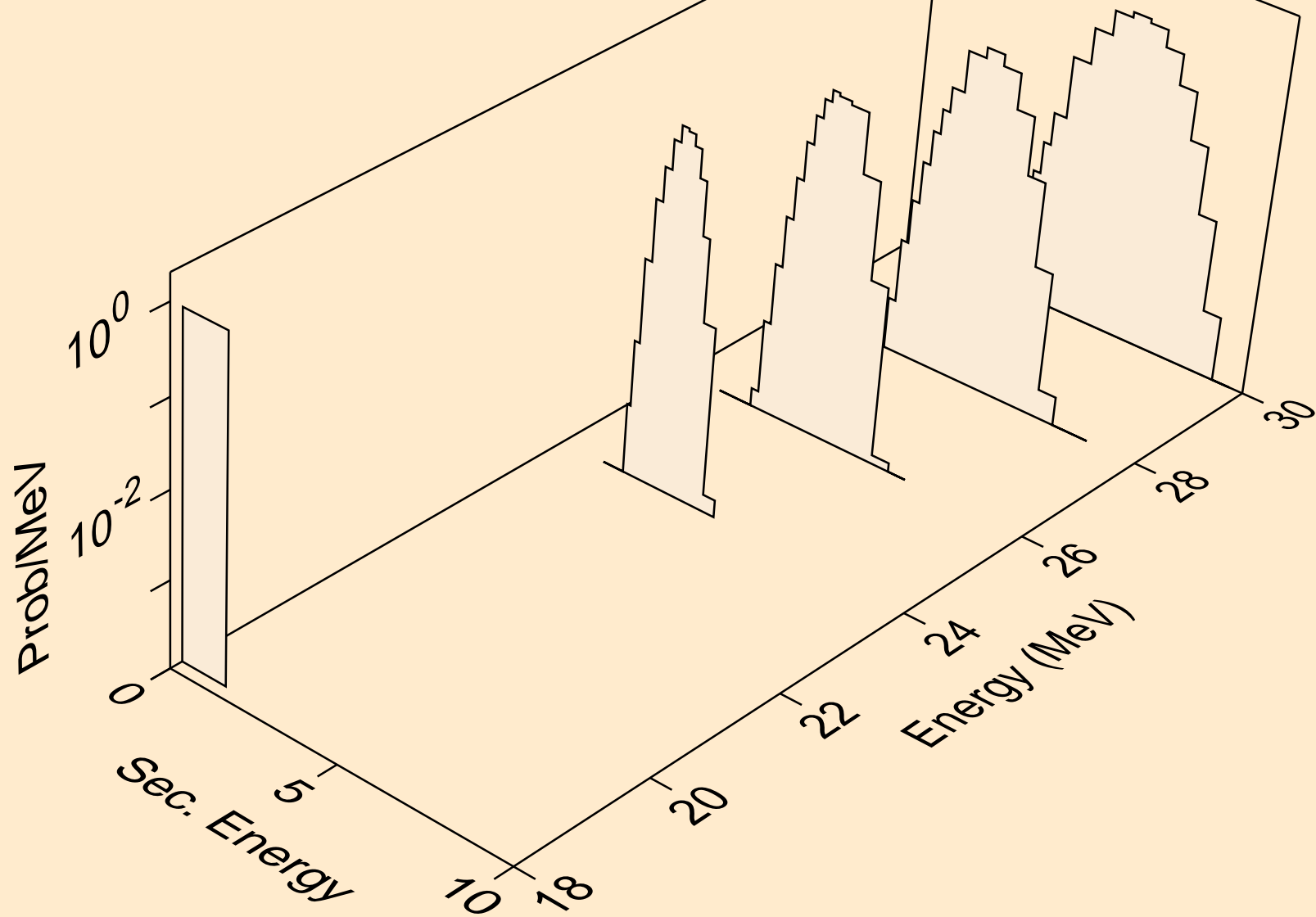




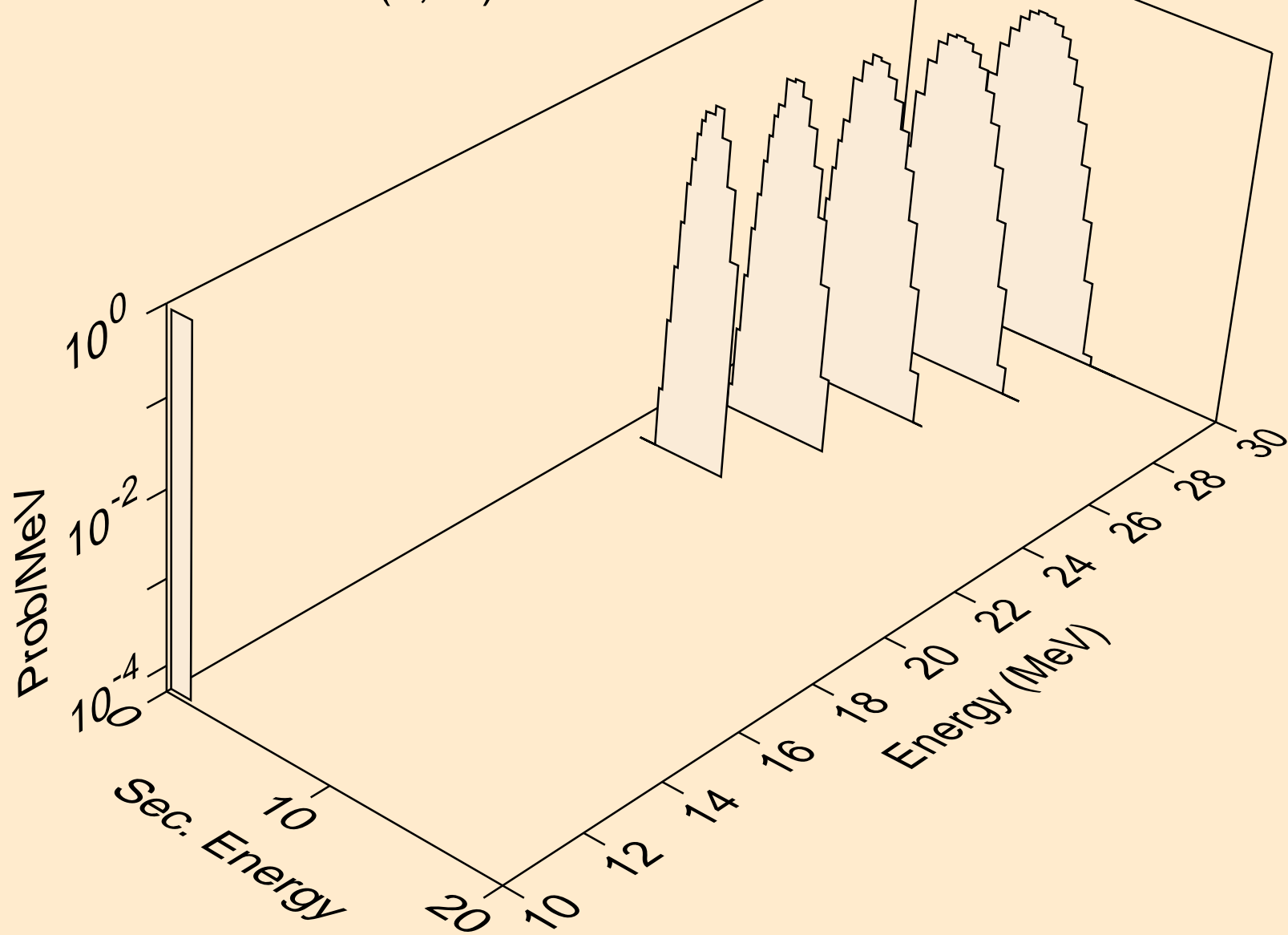
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deuterons from (a,d)



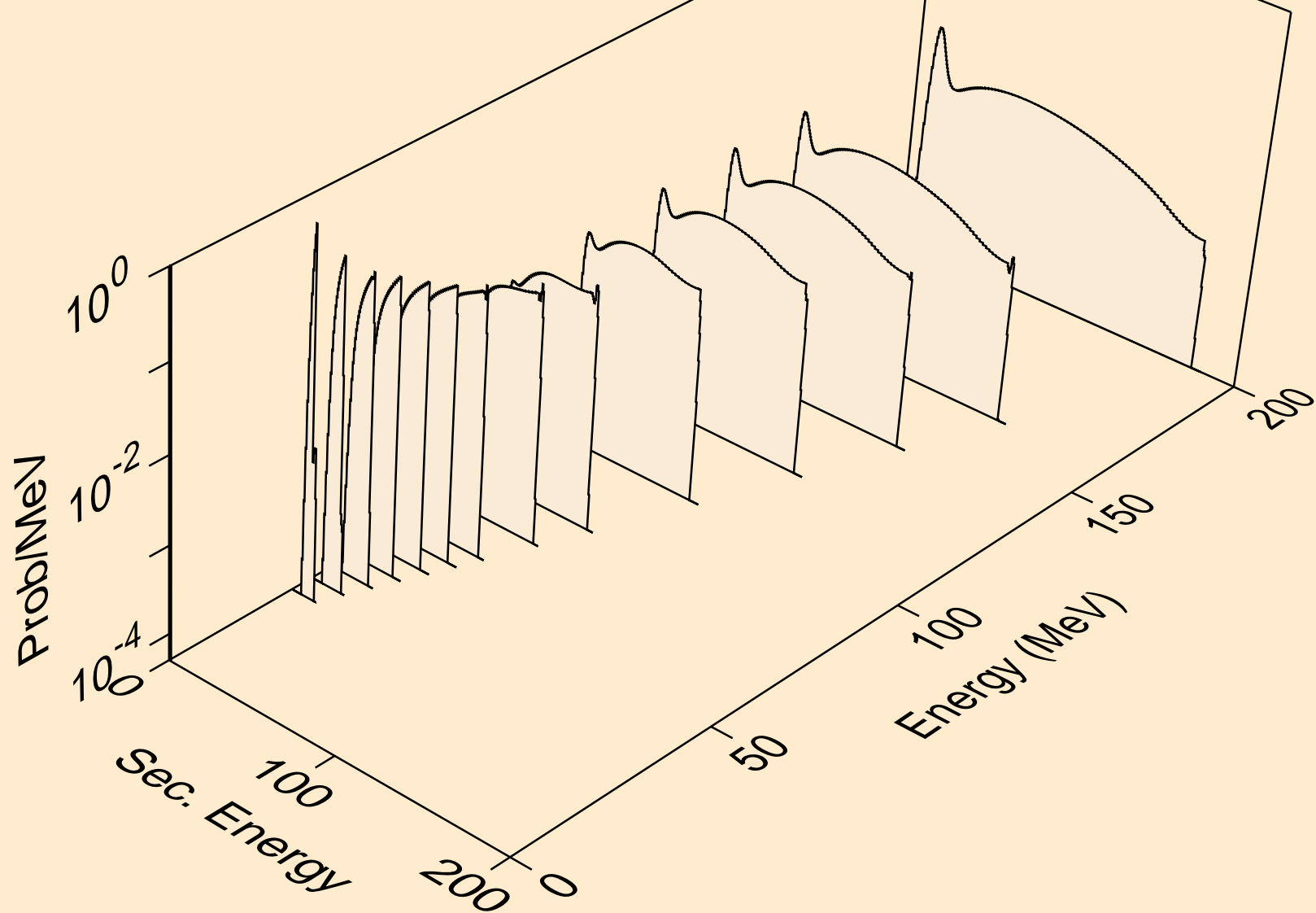
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deuterons from (a,pd)



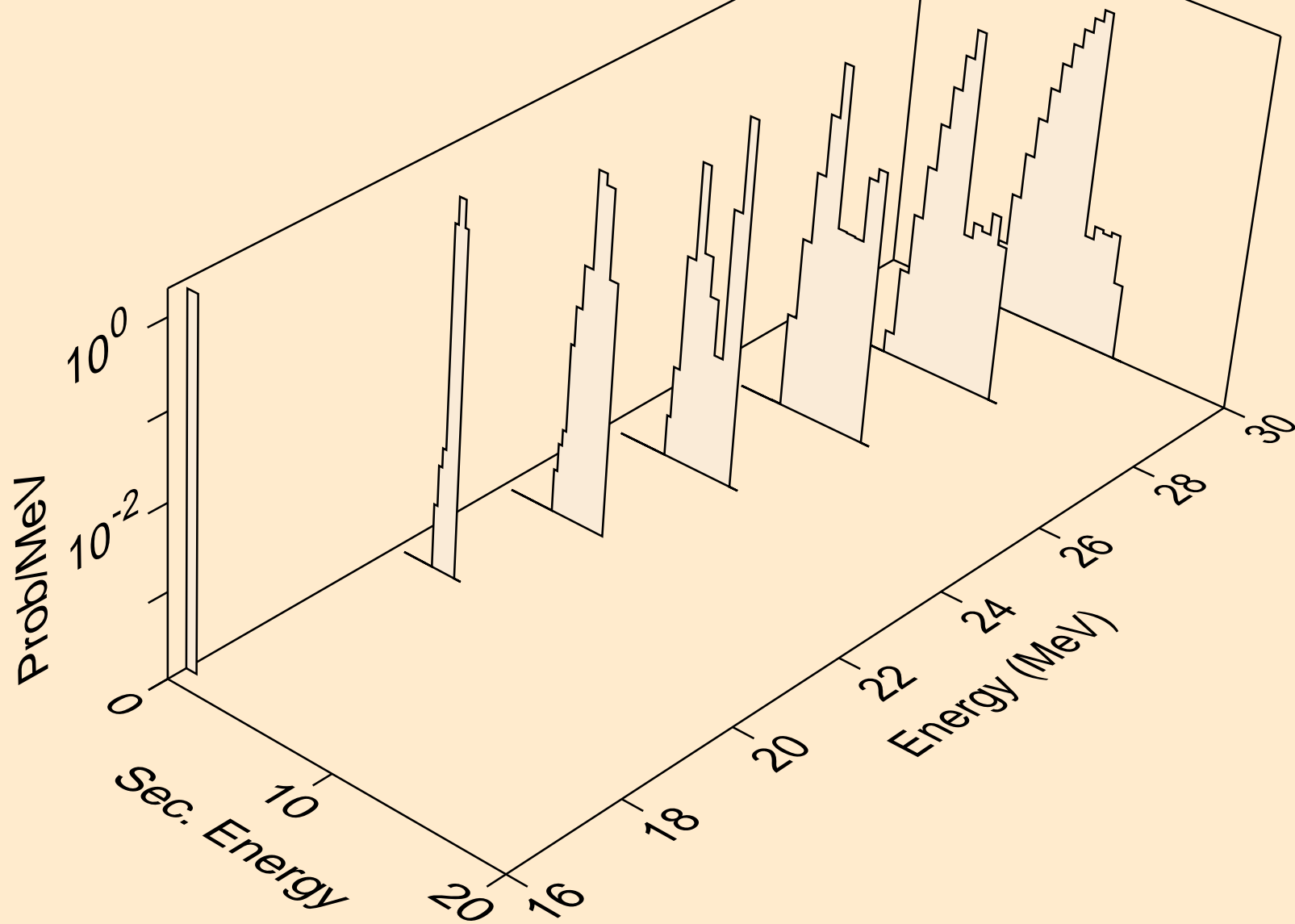
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deuterons from (a,da)



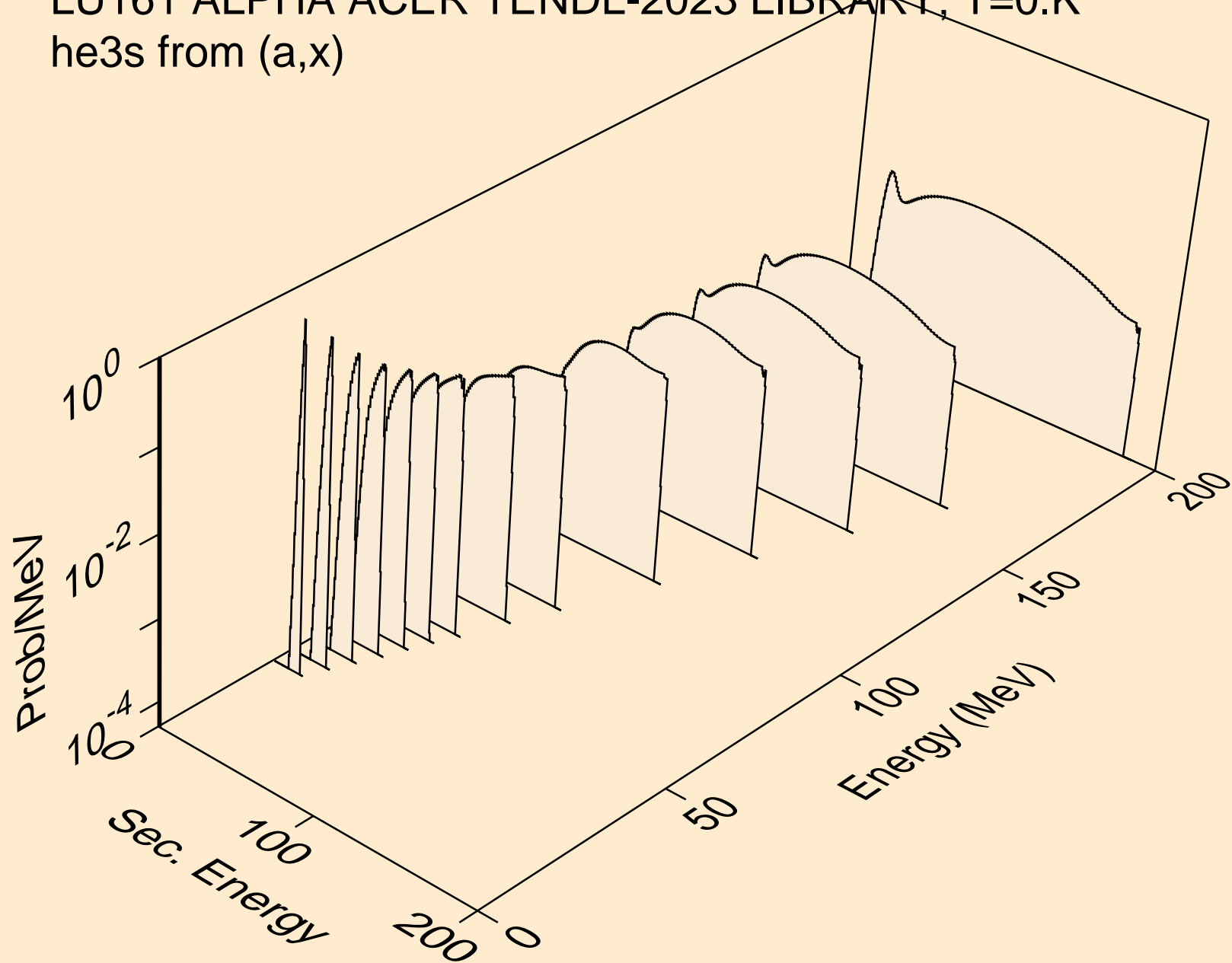
LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LU161 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

