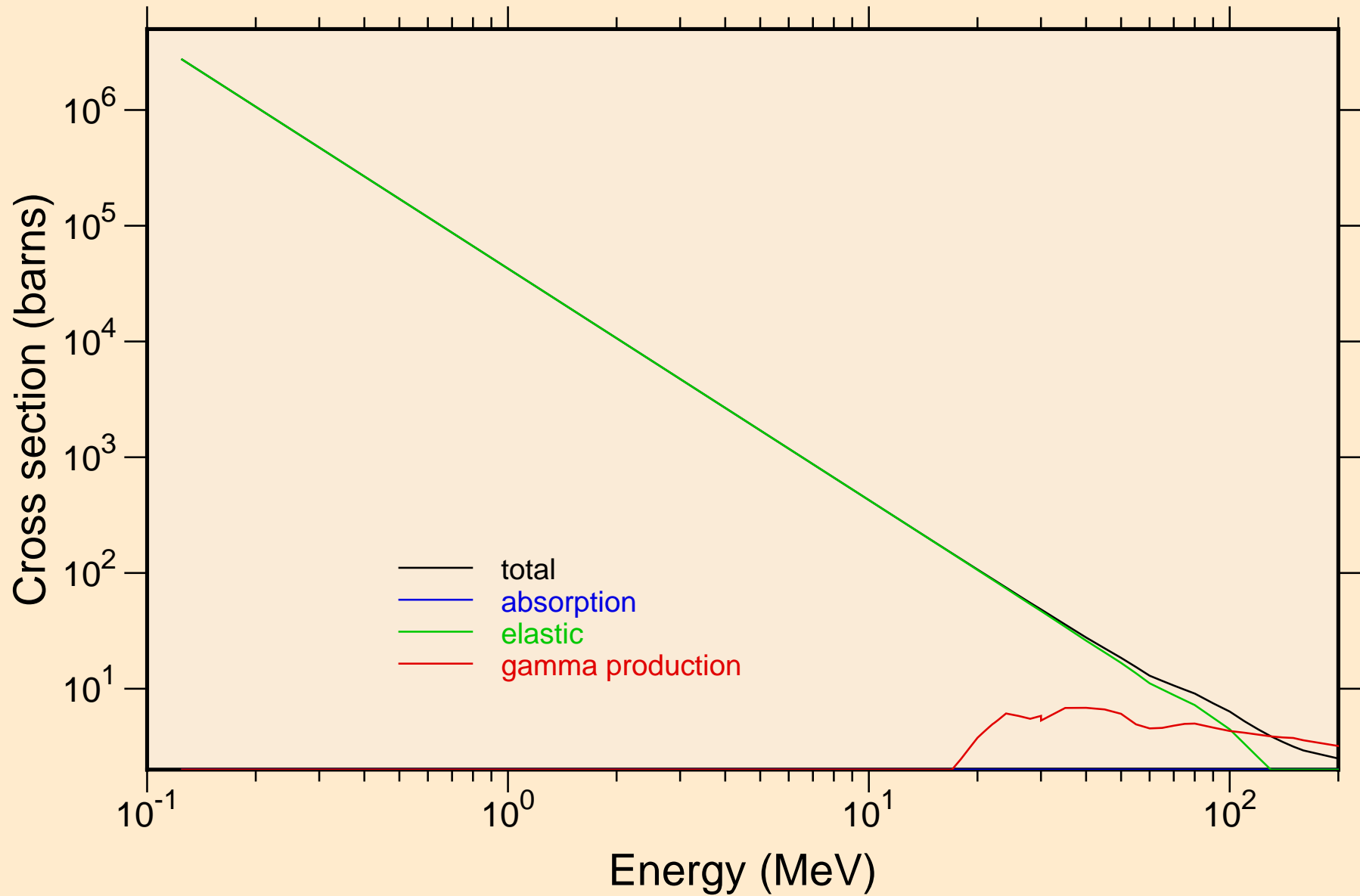
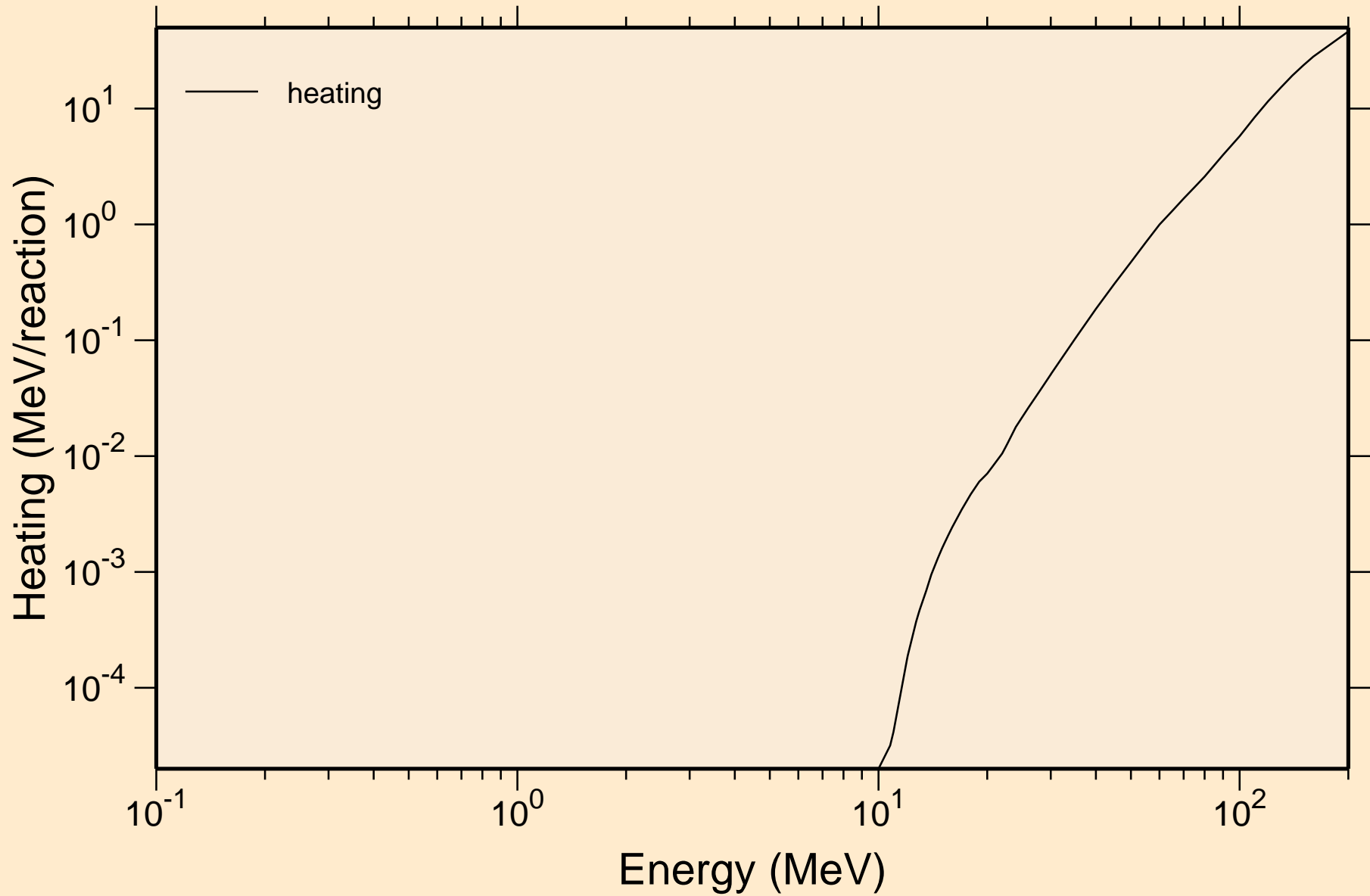


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



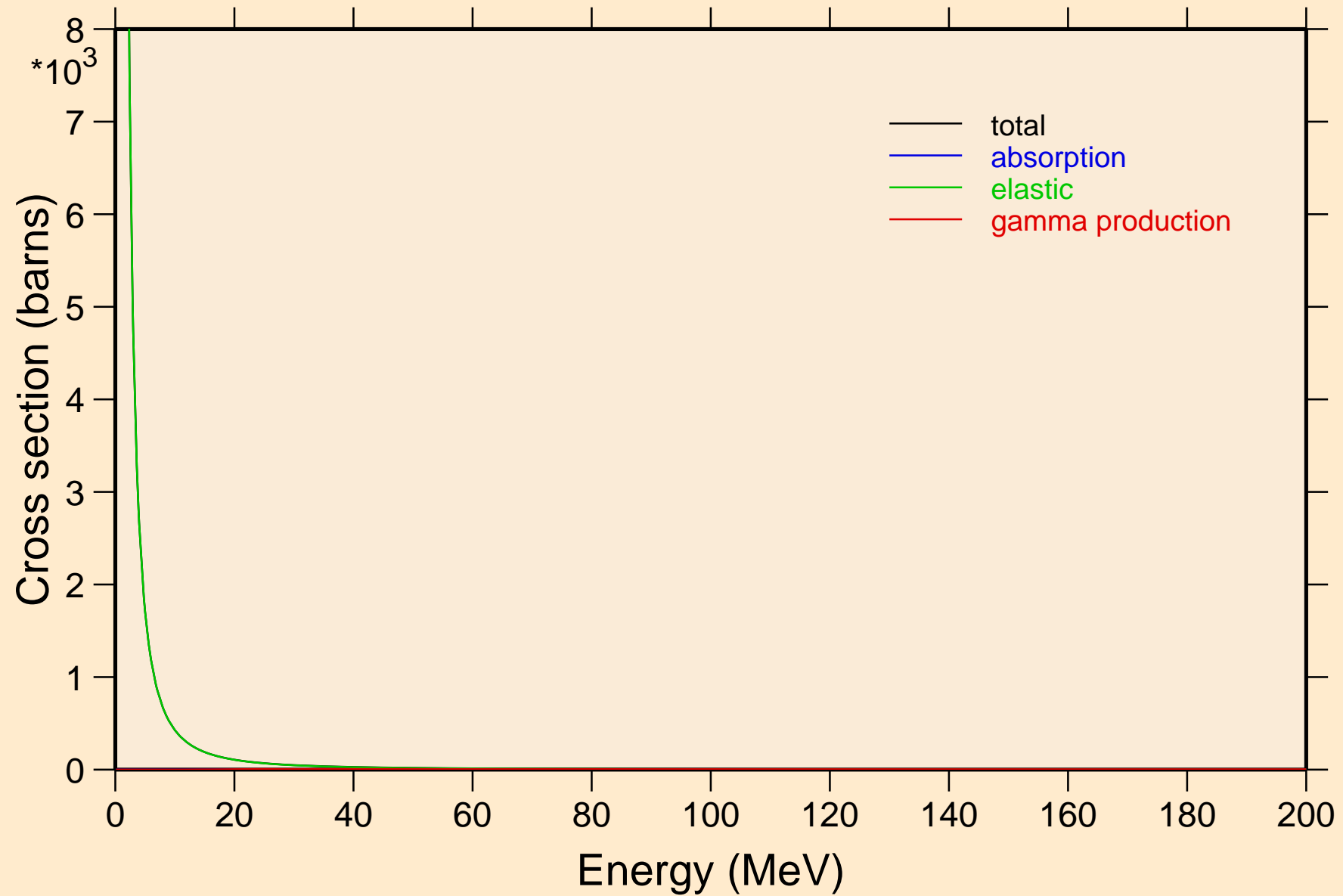
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Heating



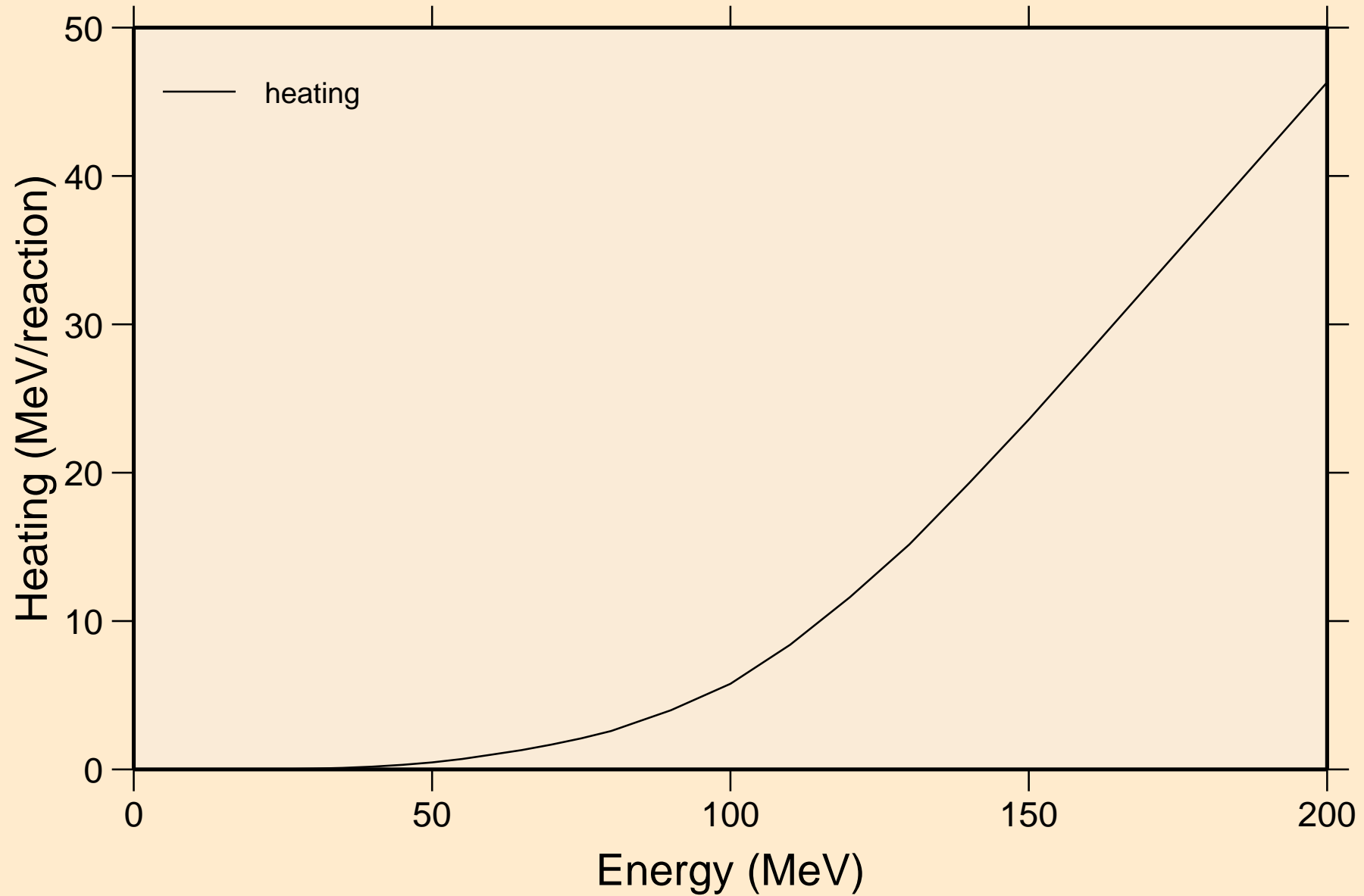
# ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

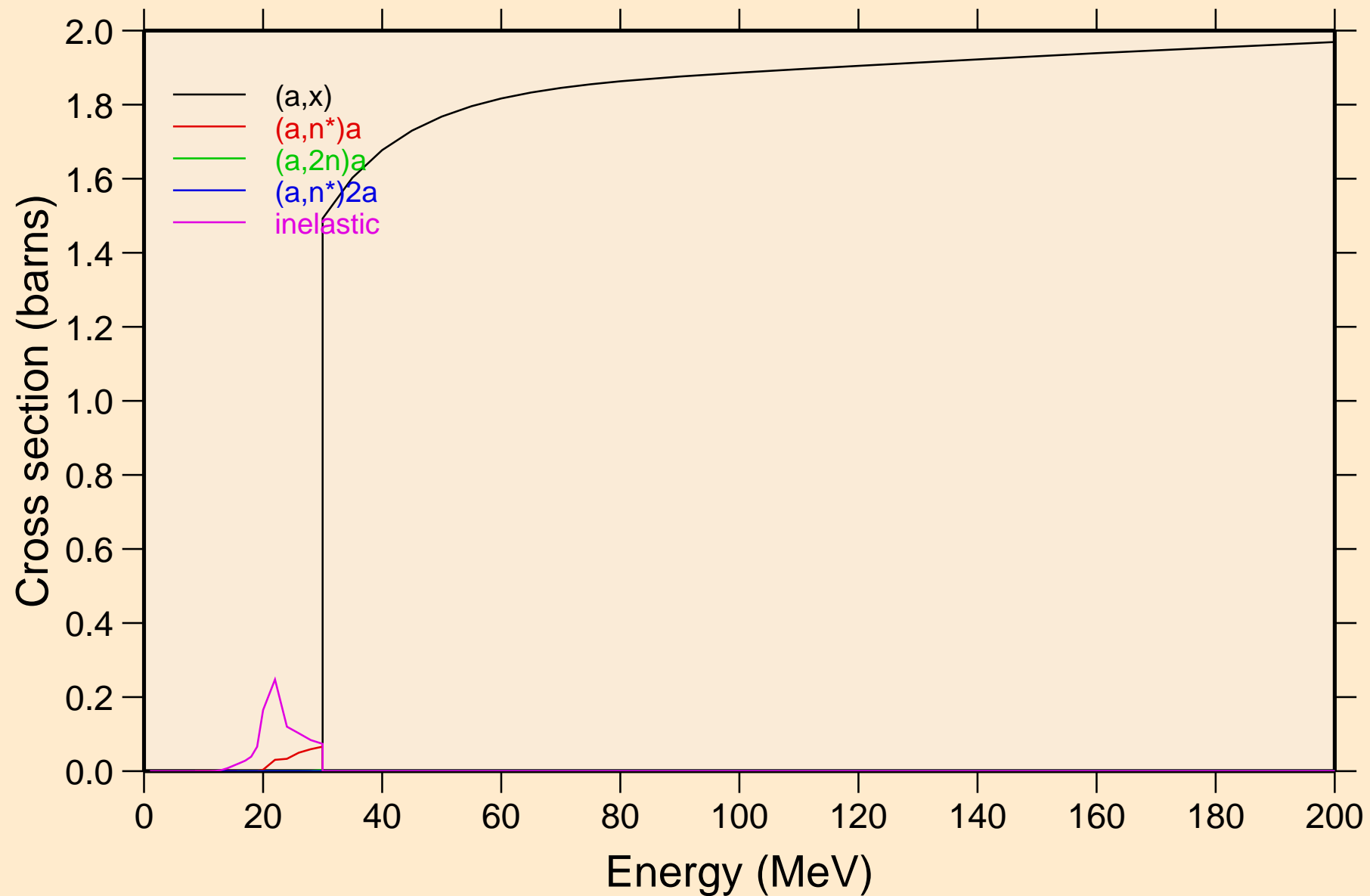


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

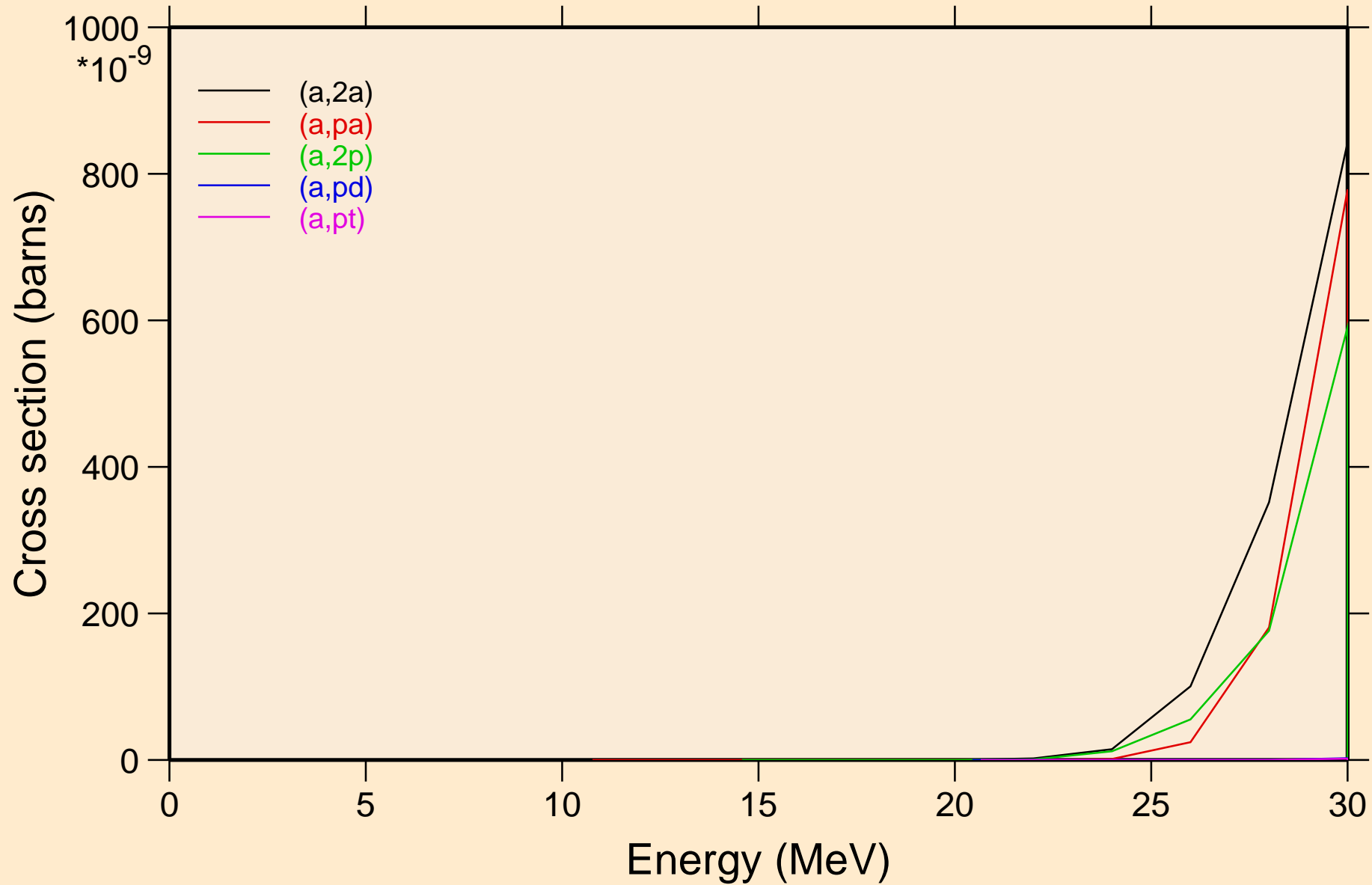
Heating



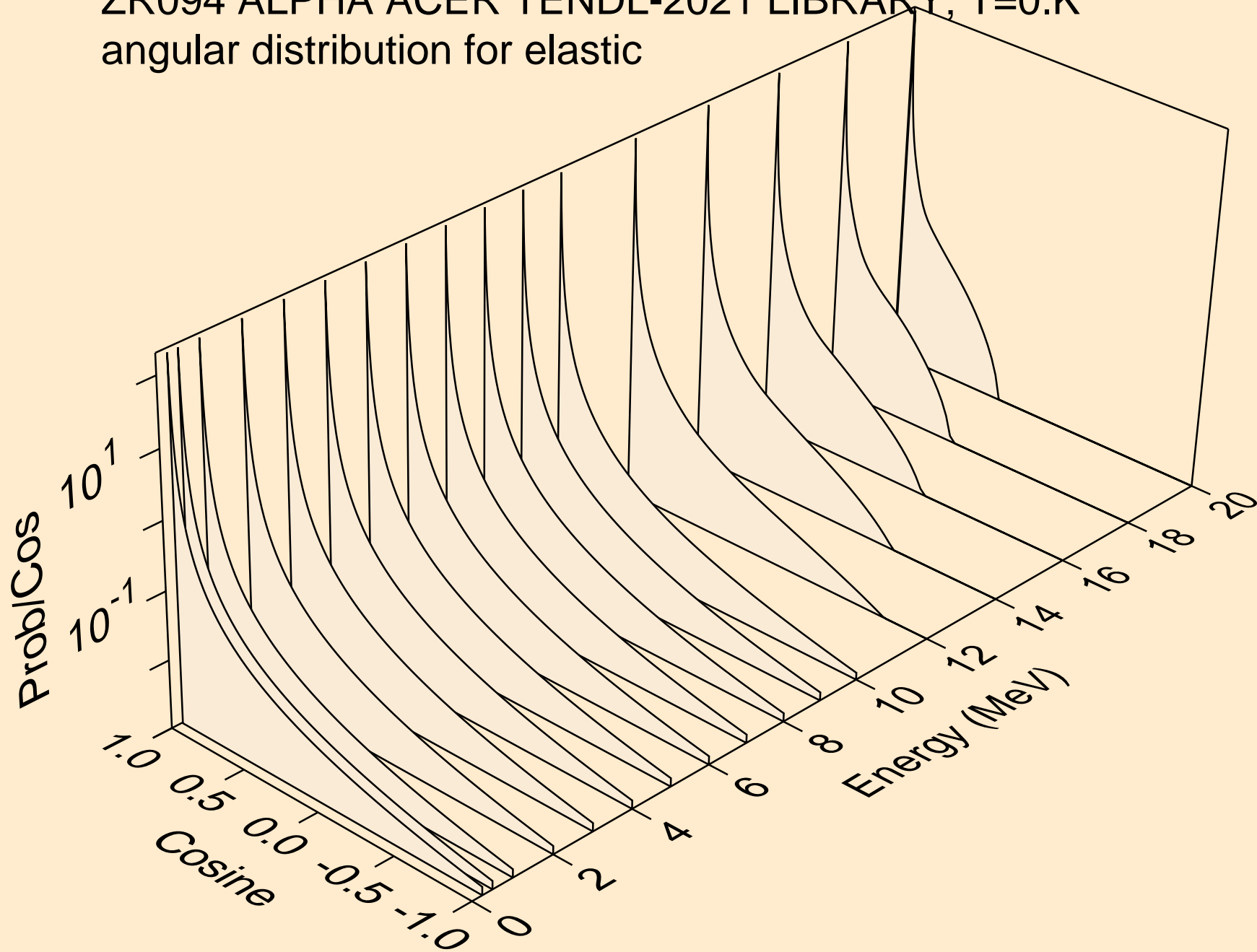
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Threshold reactions



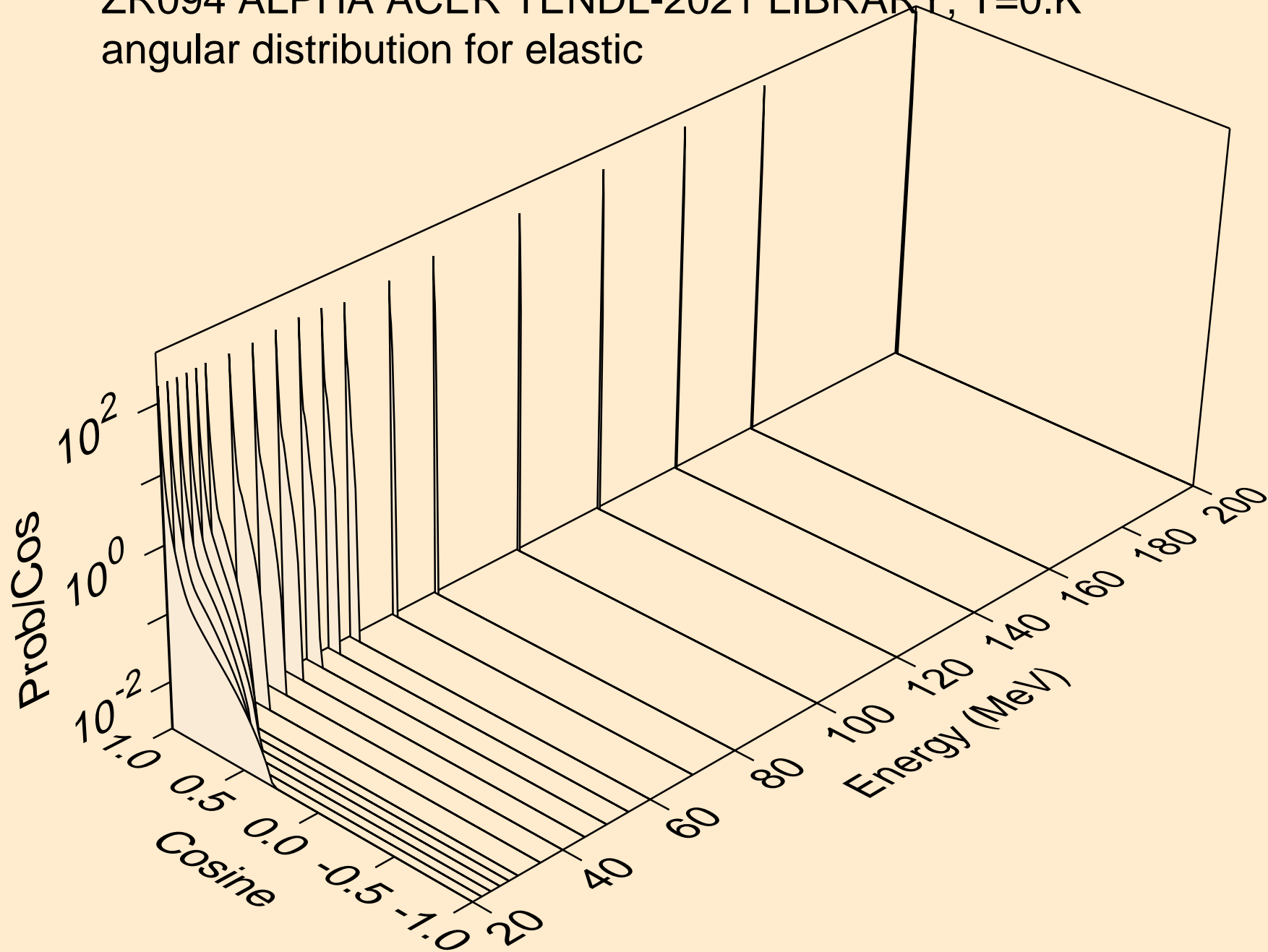
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

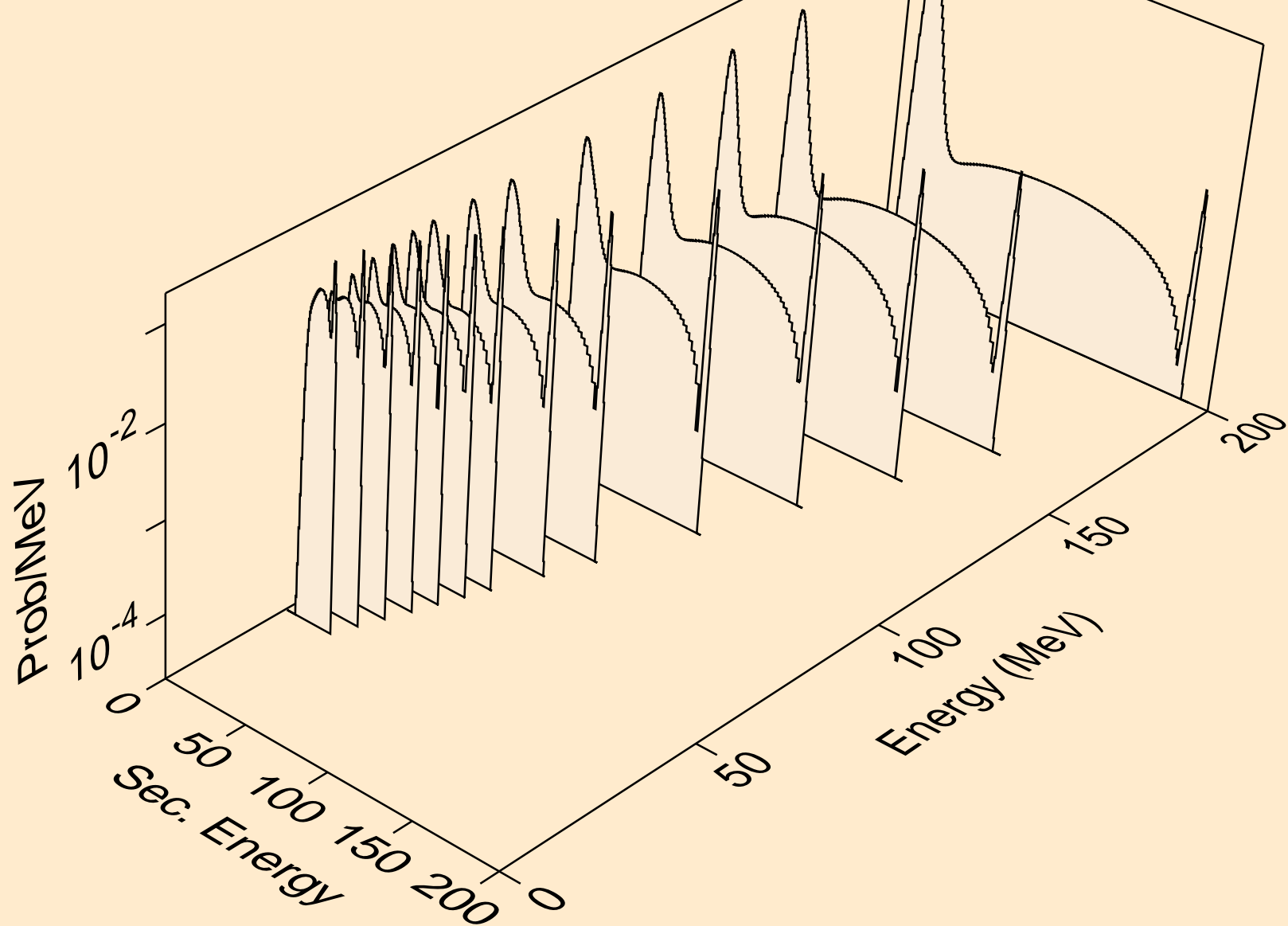


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

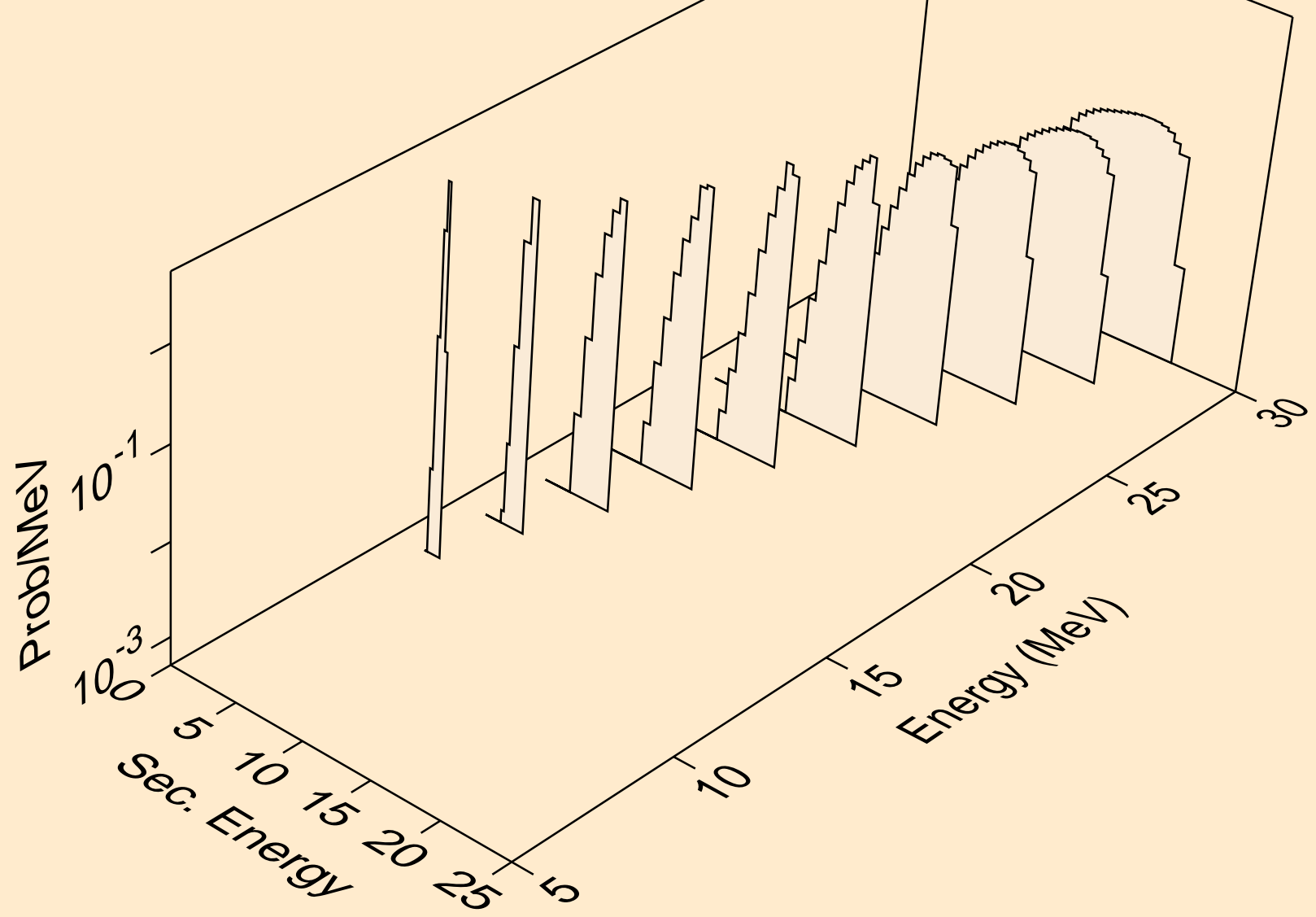




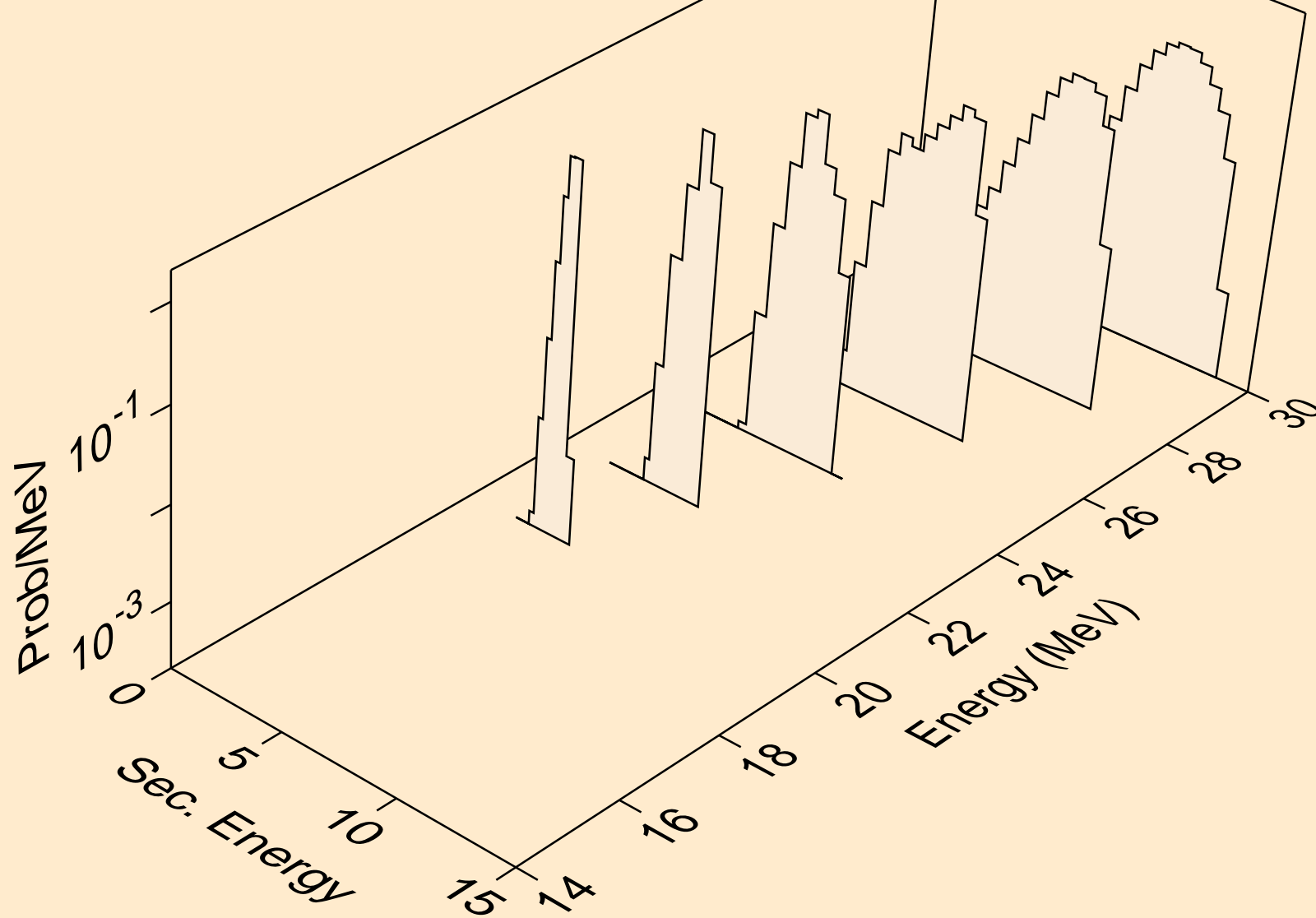
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



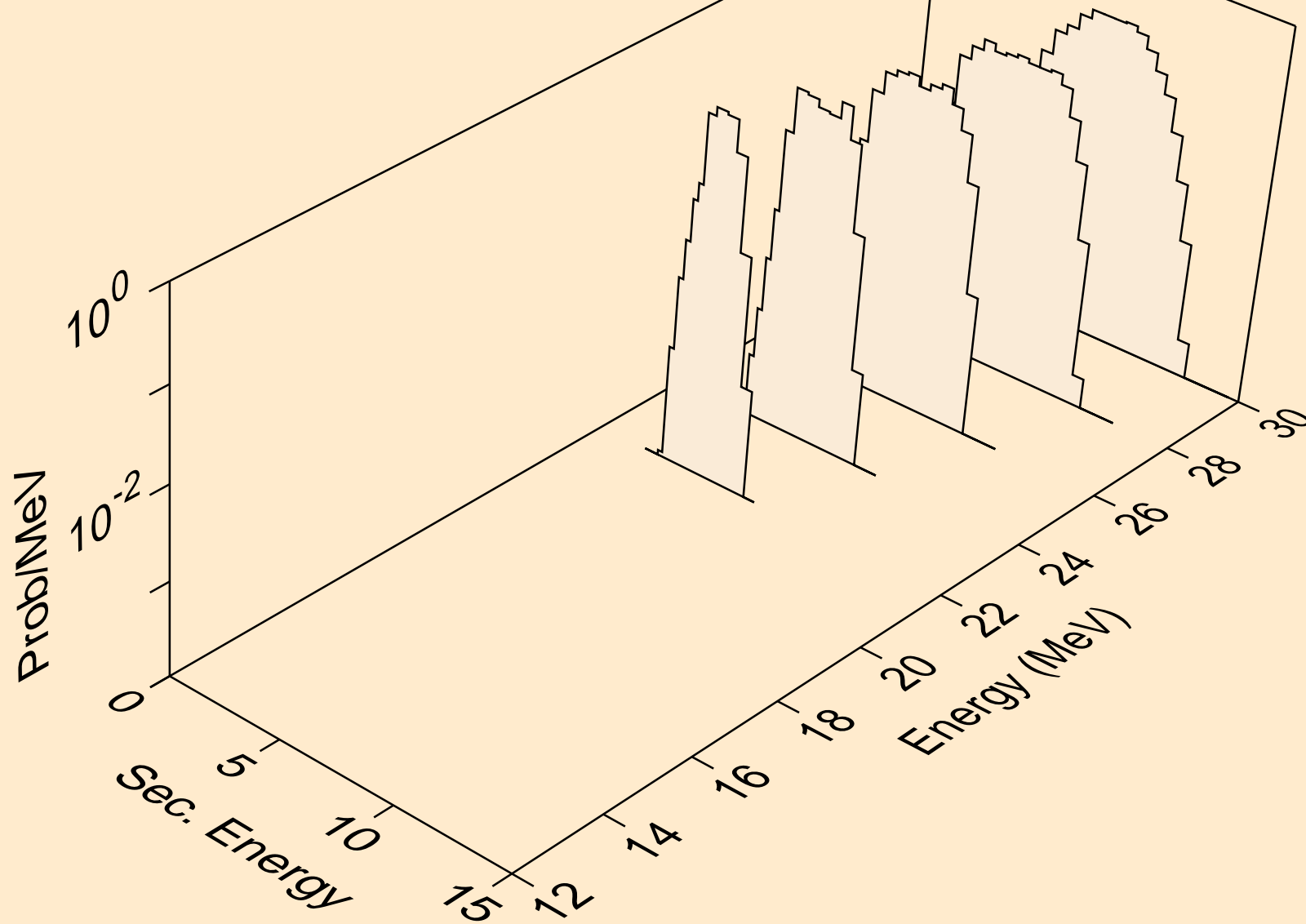
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



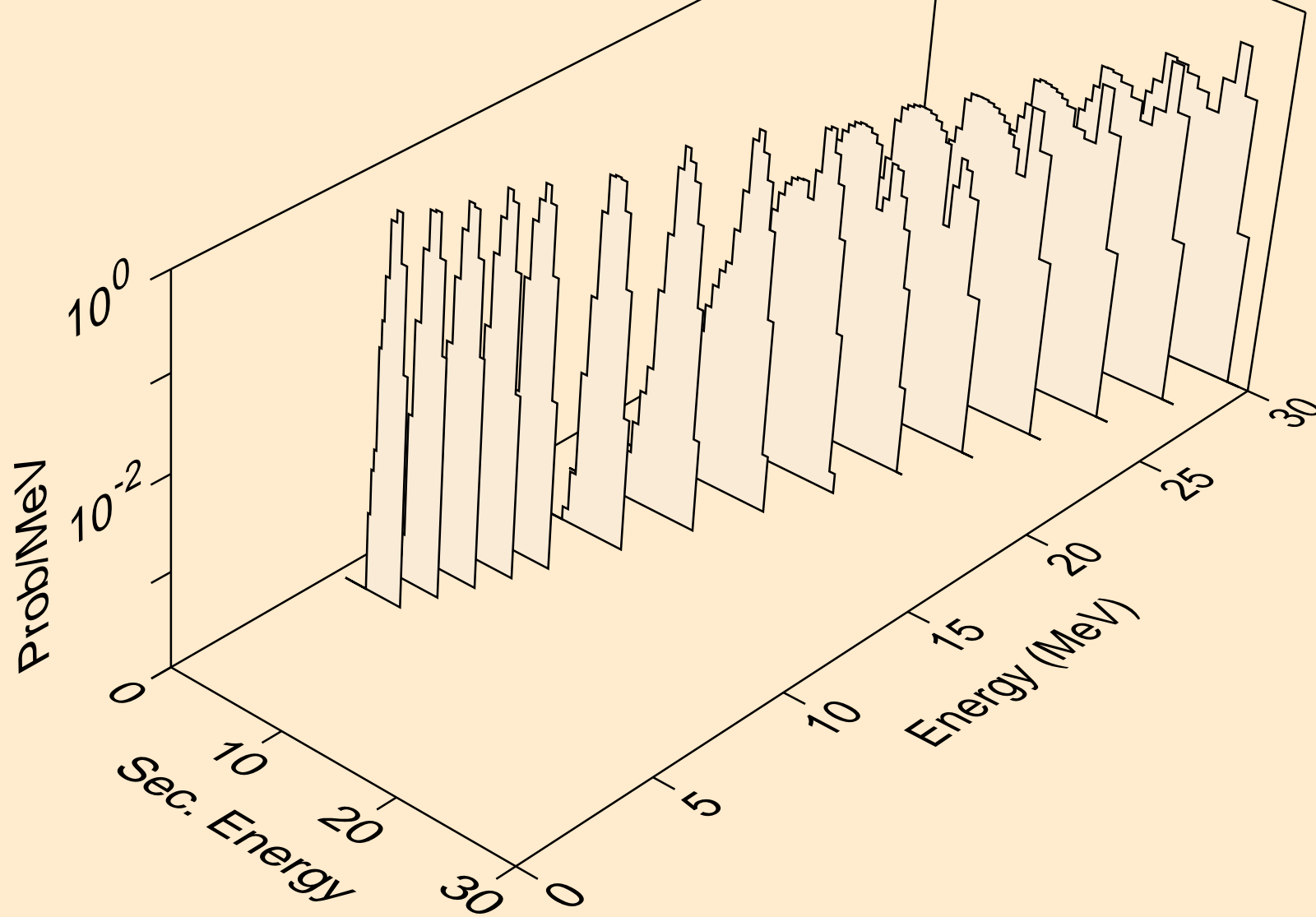
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



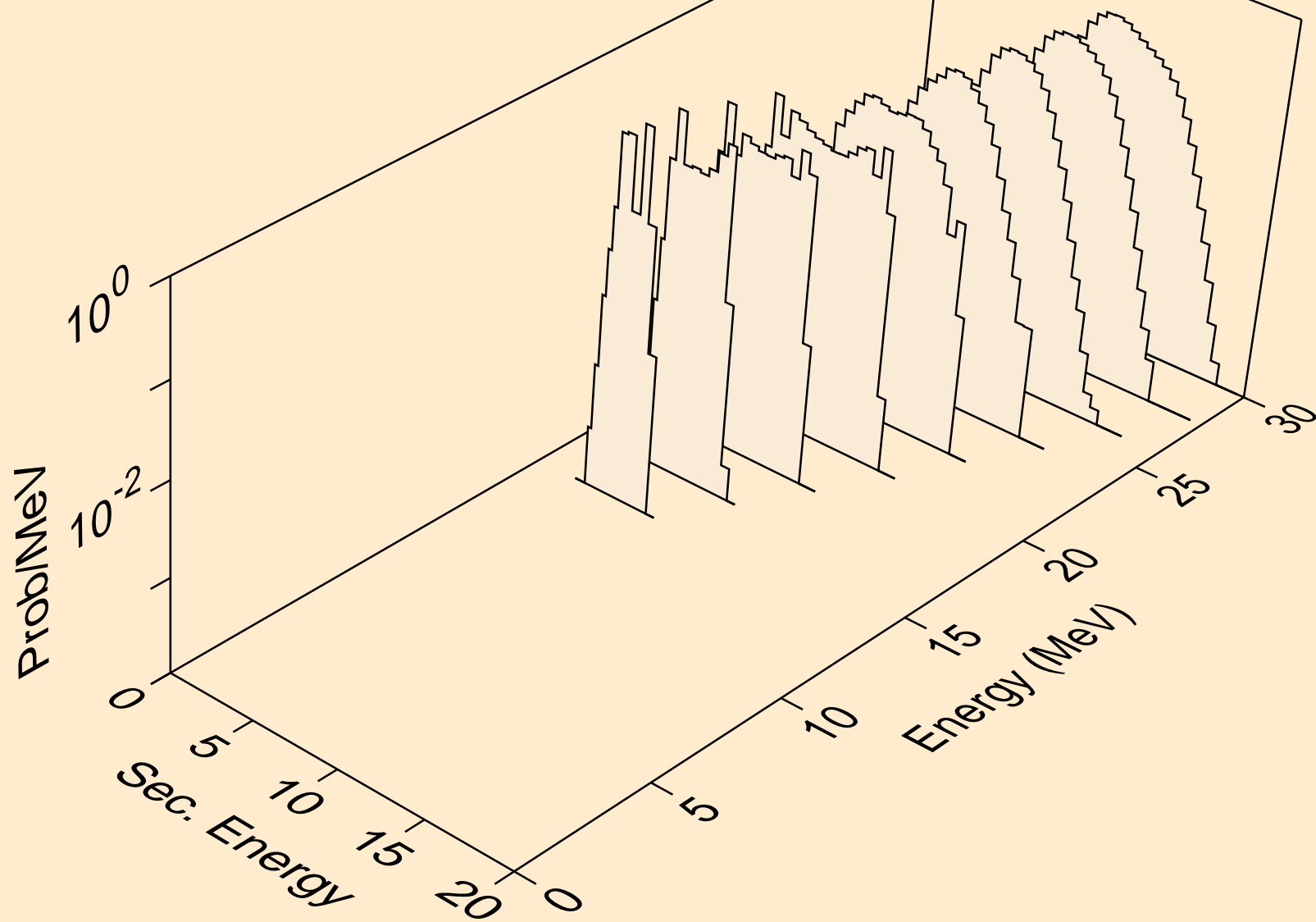
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

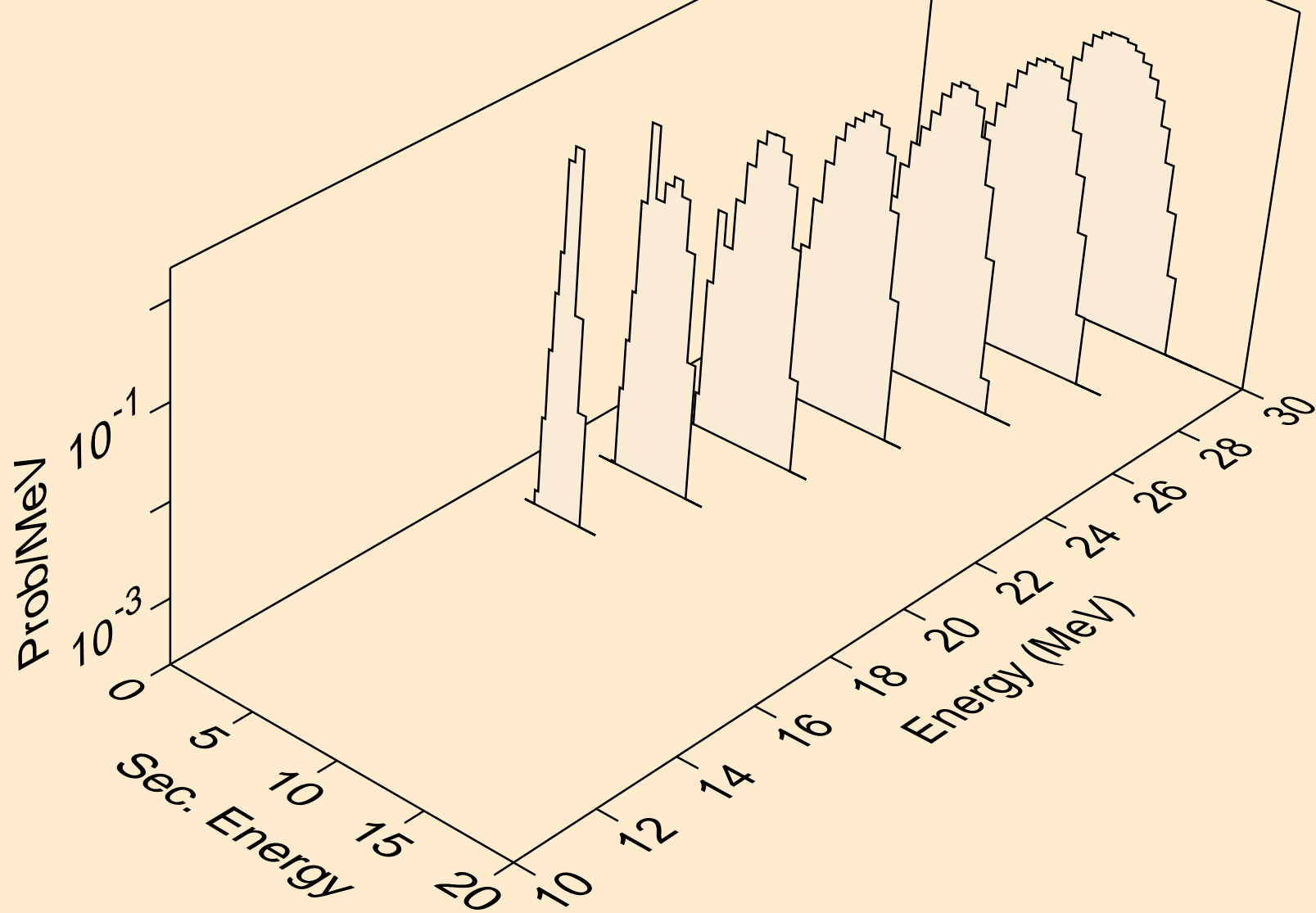


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

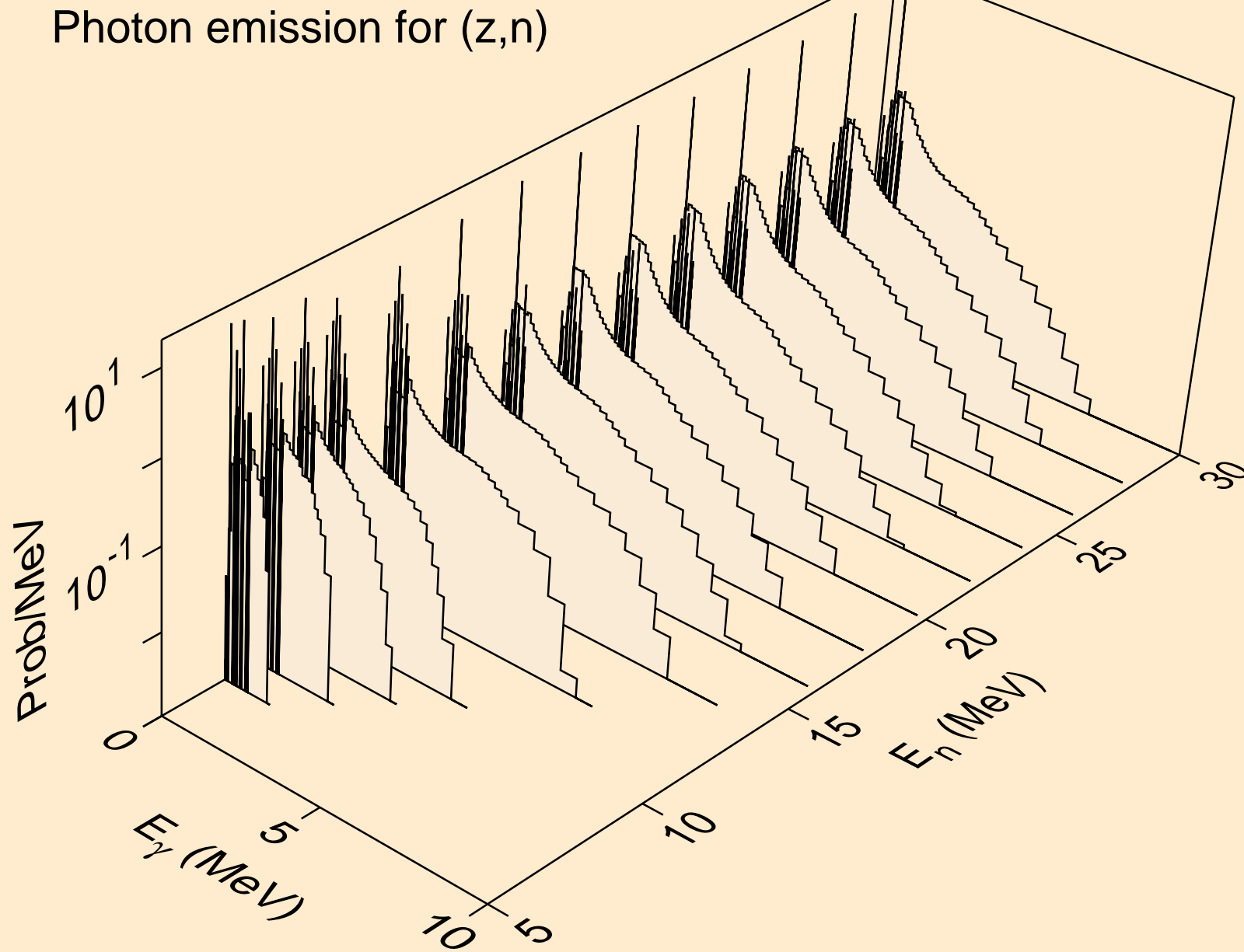


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,pa)

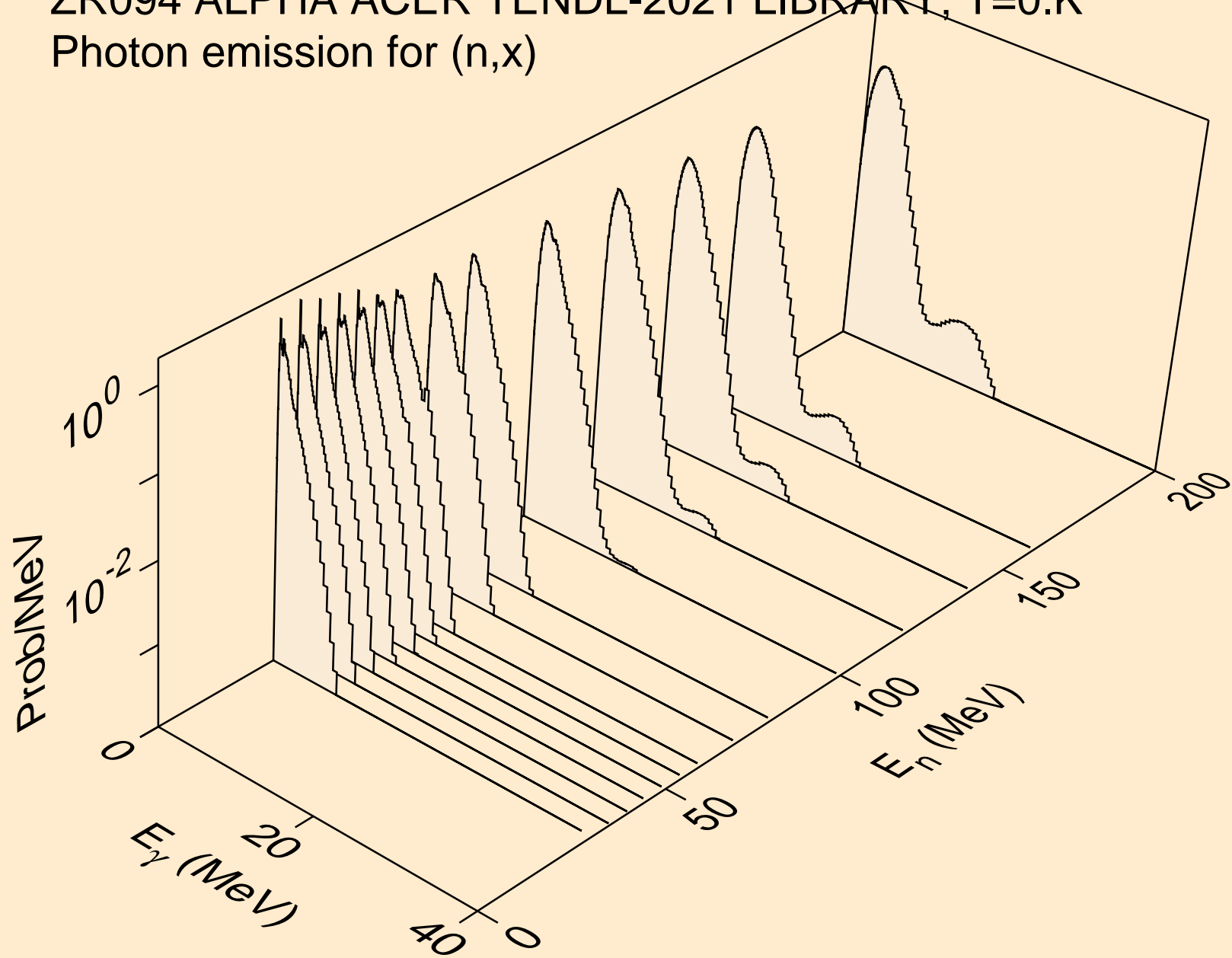


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Photon emission for (z,n)

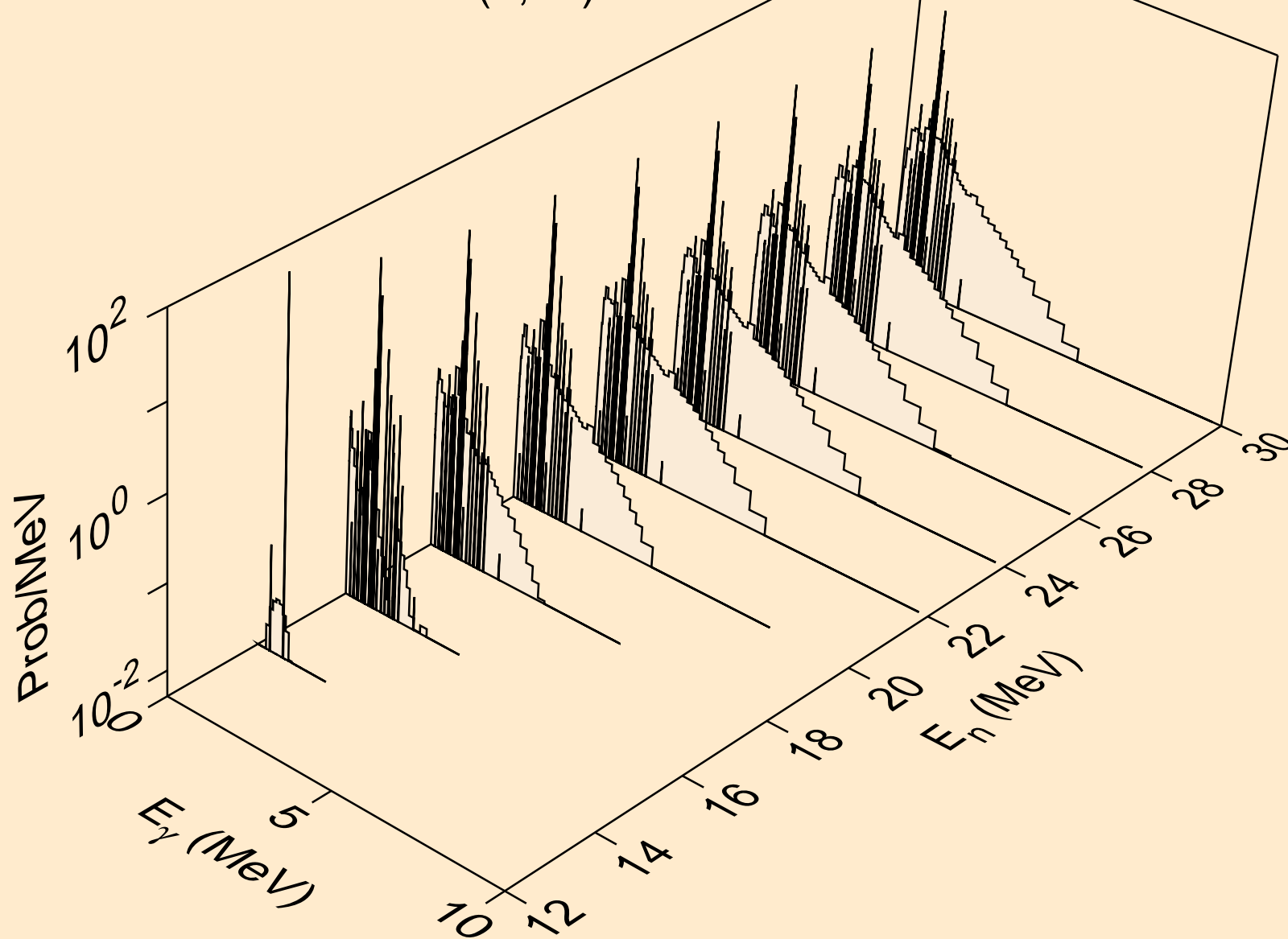




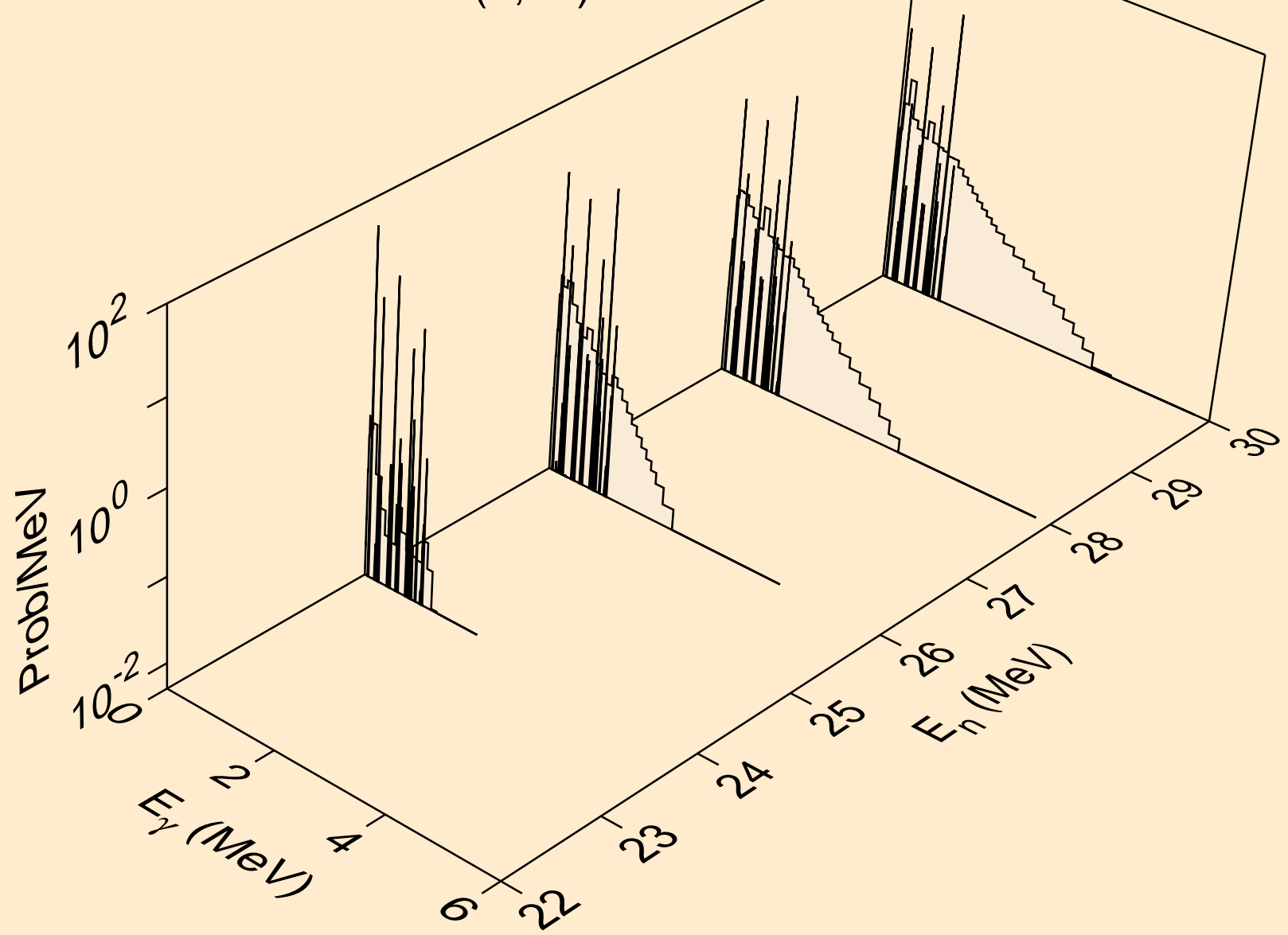
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Photon emission for (n,x)



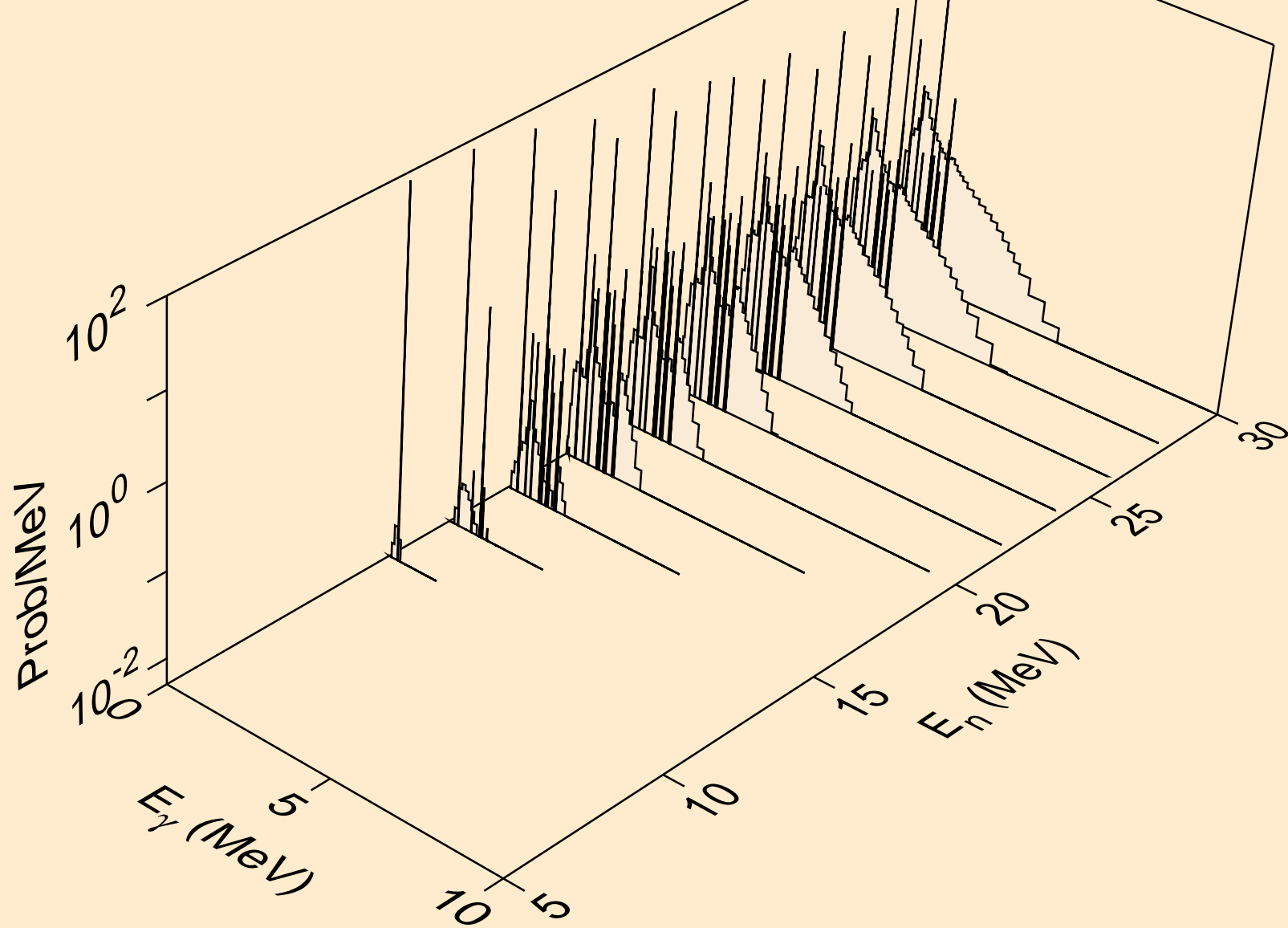
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Photon emission for (n,2n)



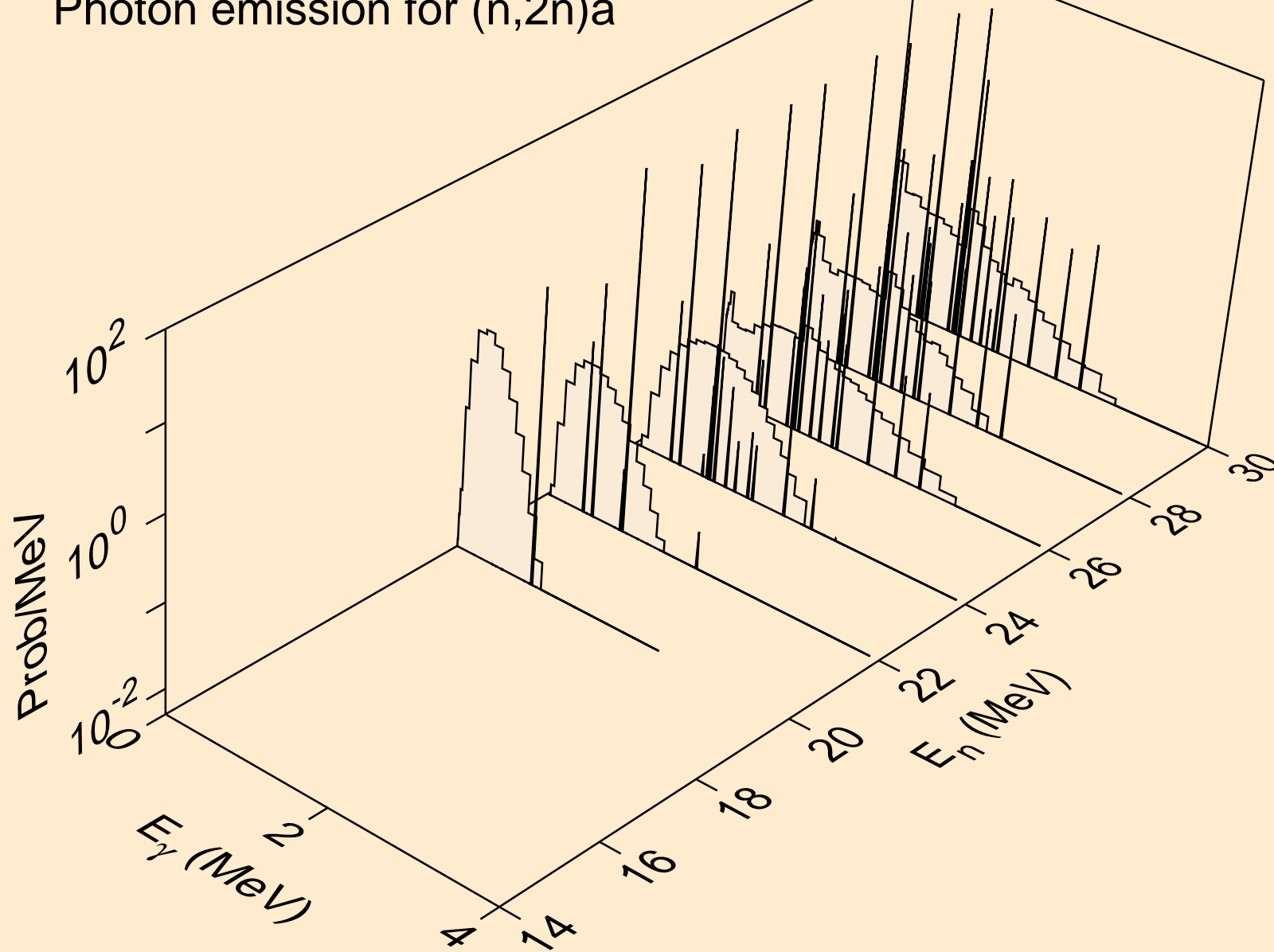
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Photon emission for (n,3n)



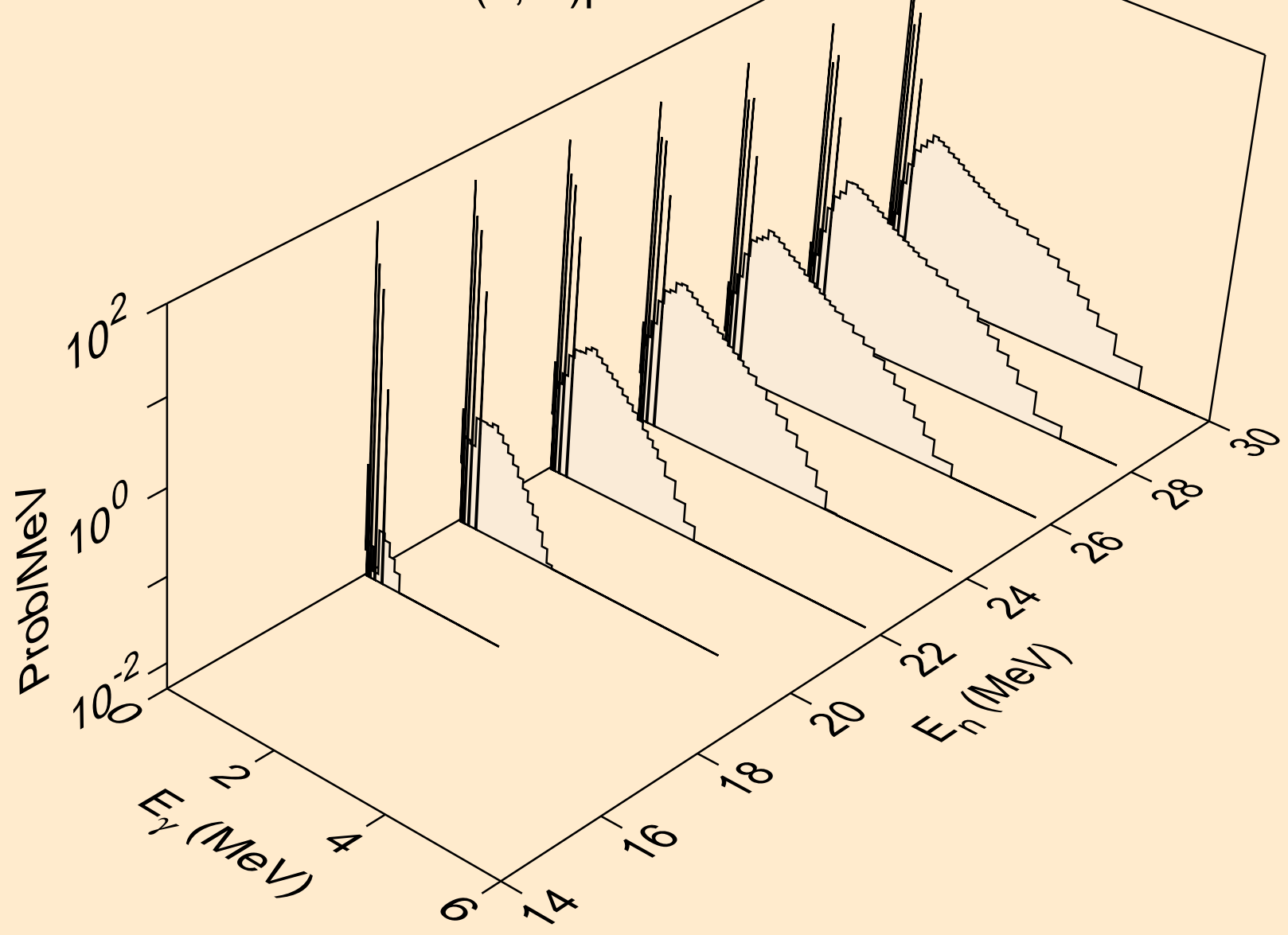
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Photon emission for (n,n\*)a



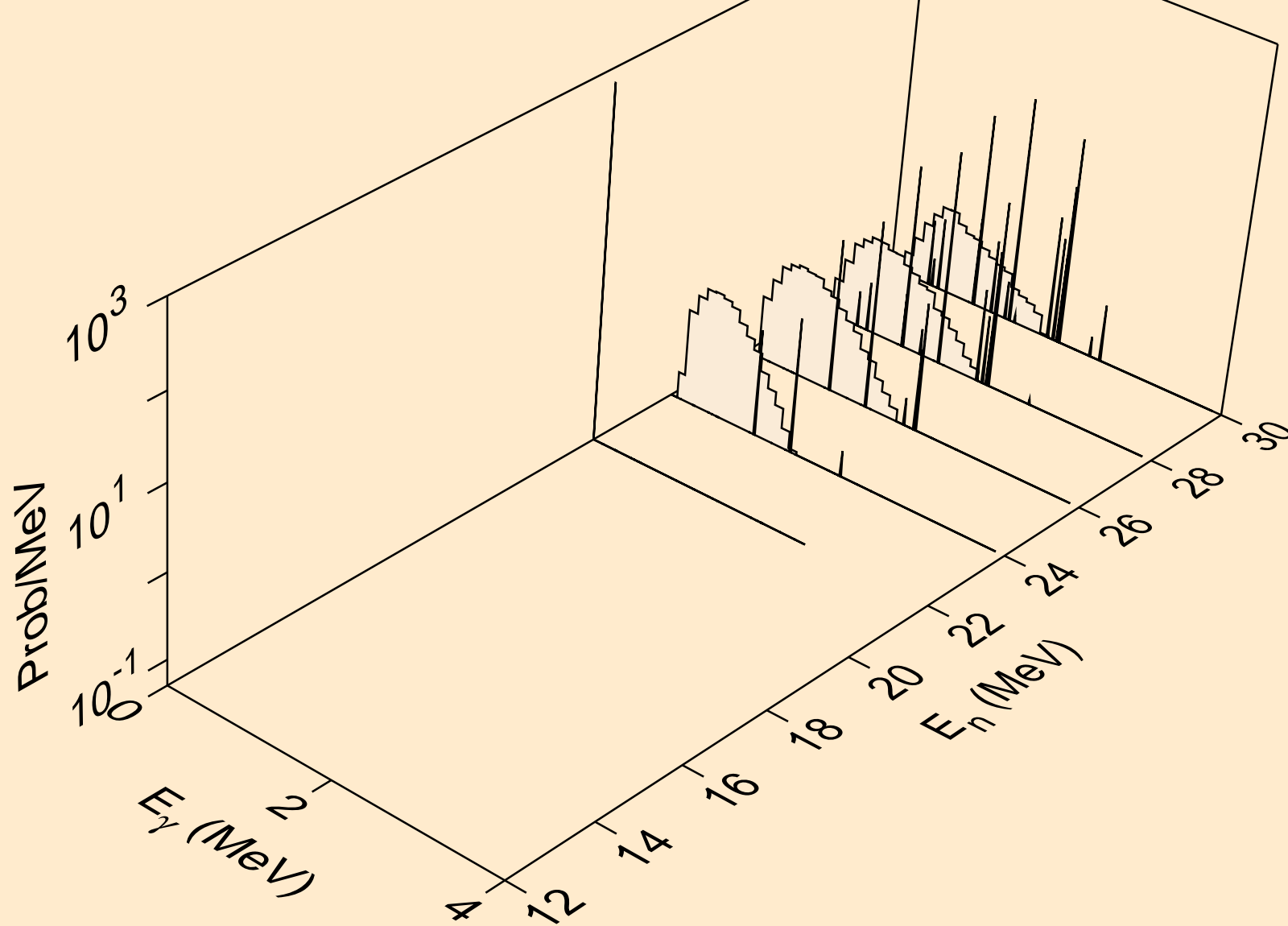
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Photon emission for (n,2n)a



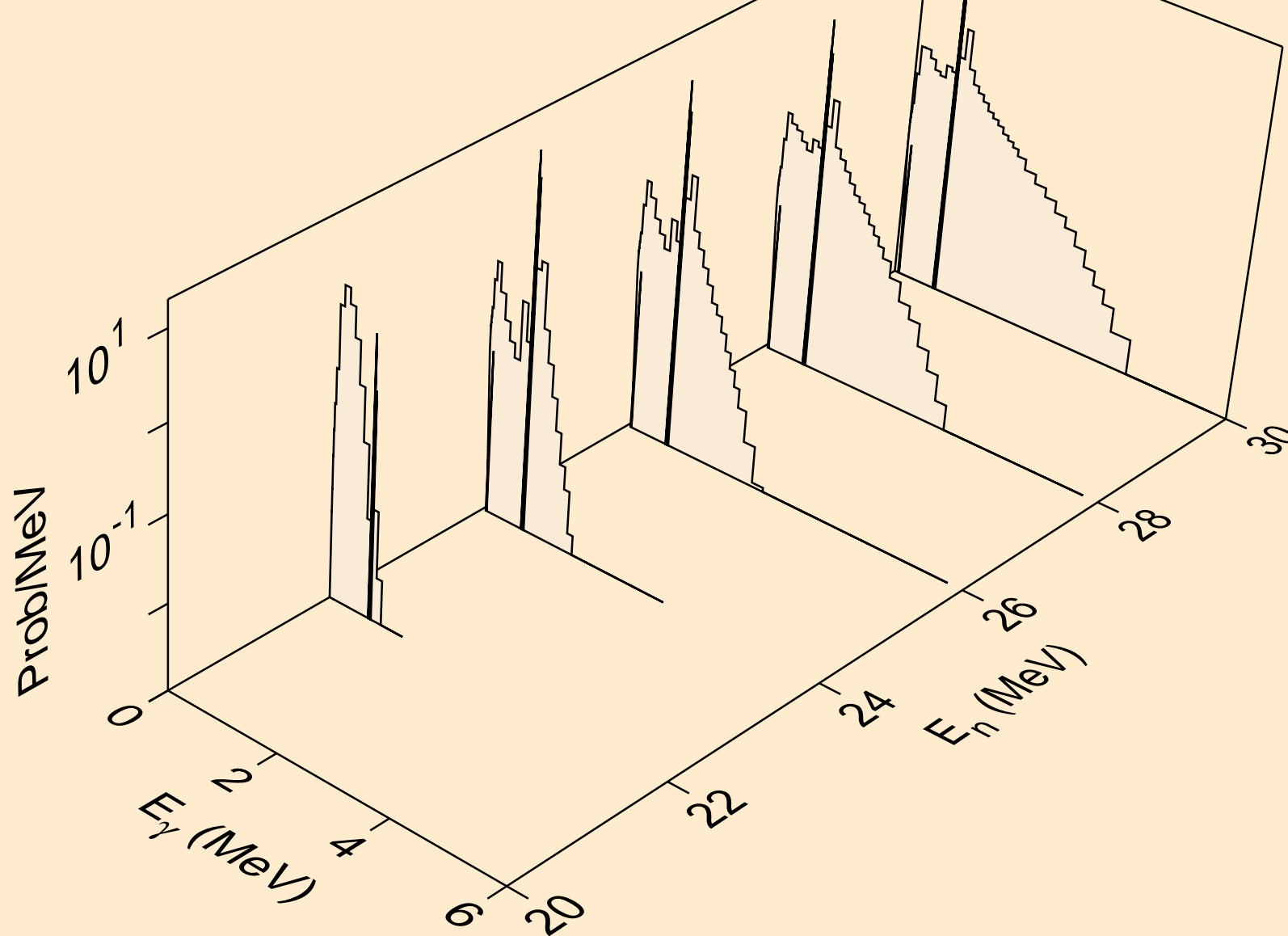
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

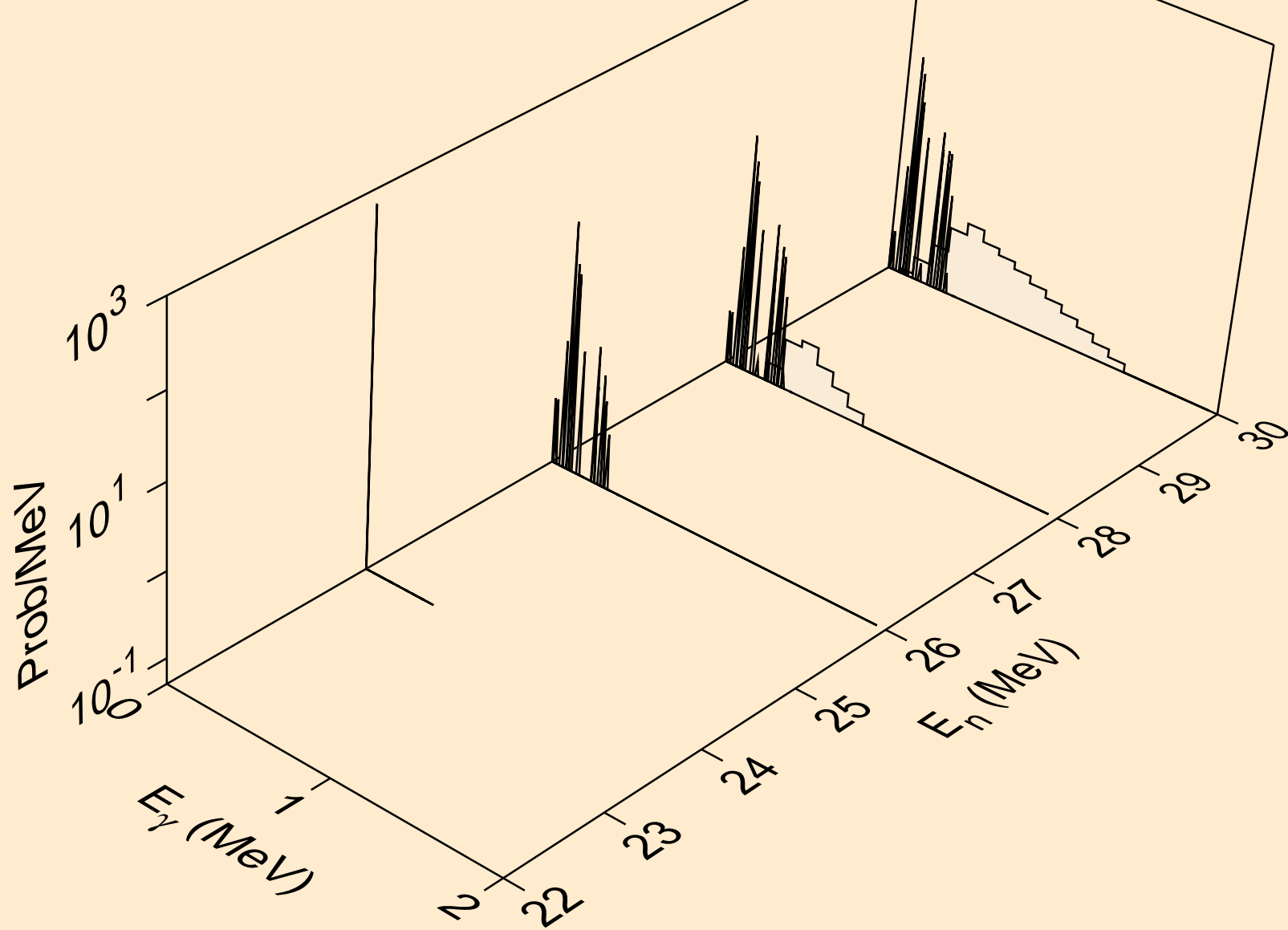


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Photon emission for (n,n\*)d

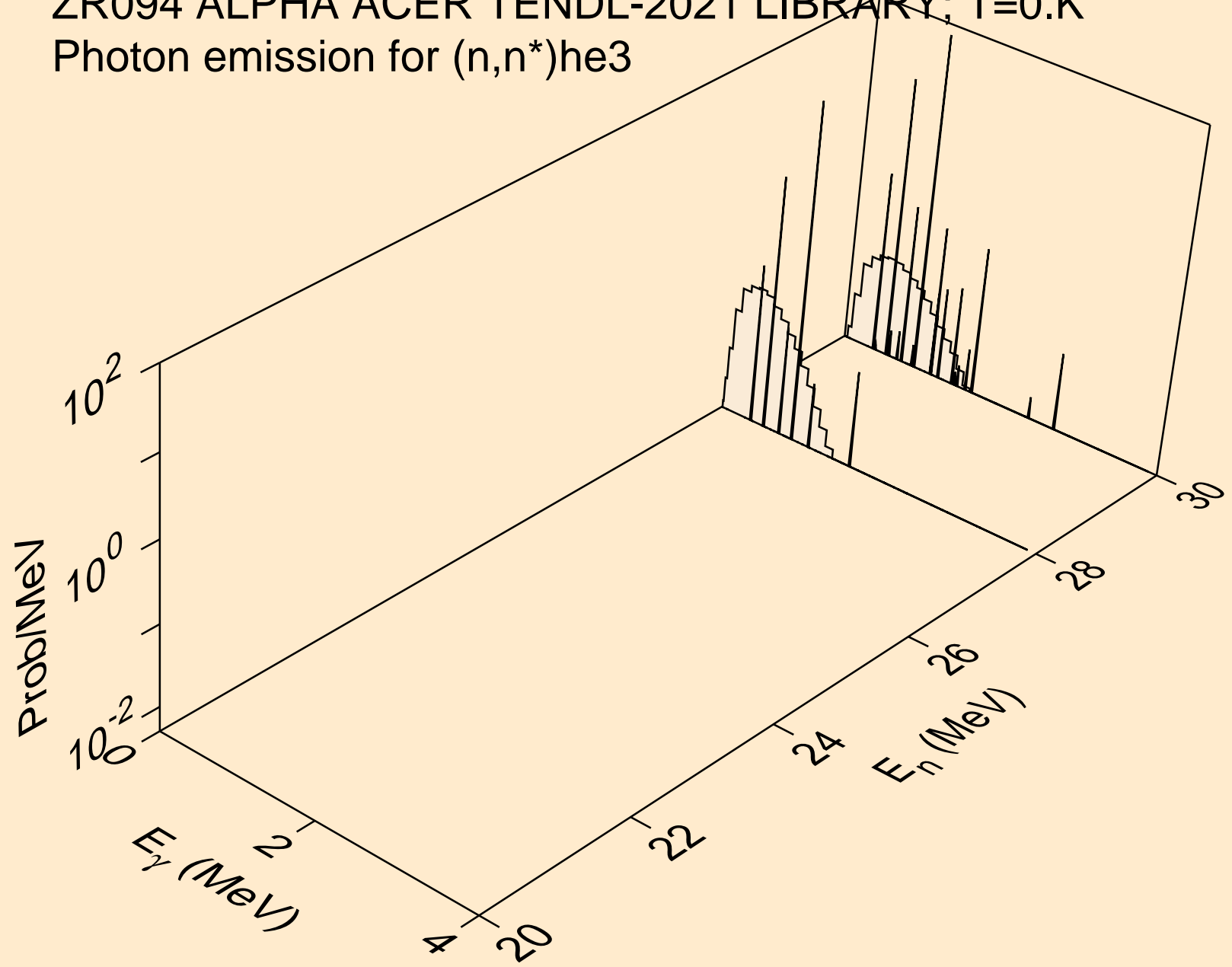




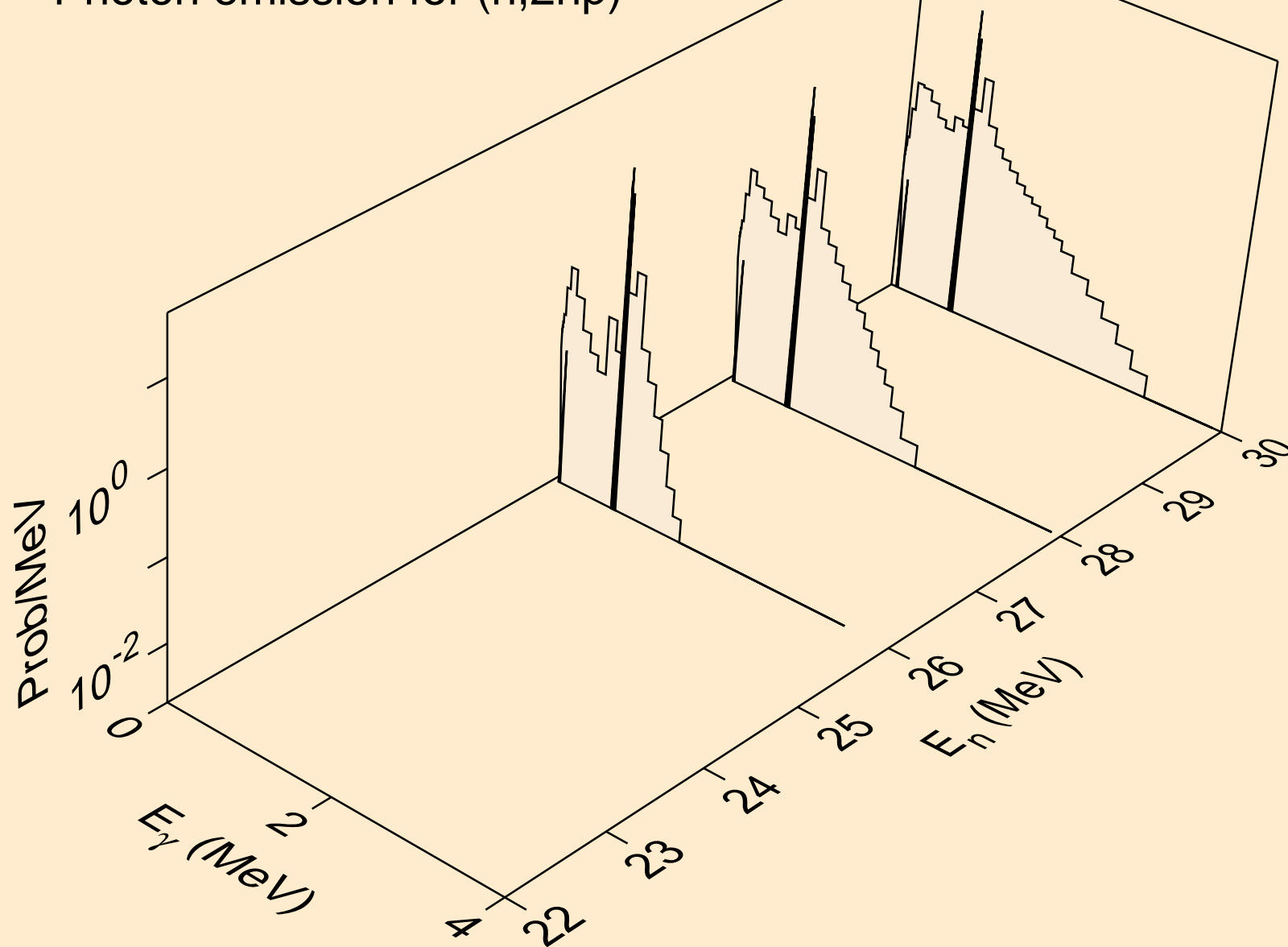
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



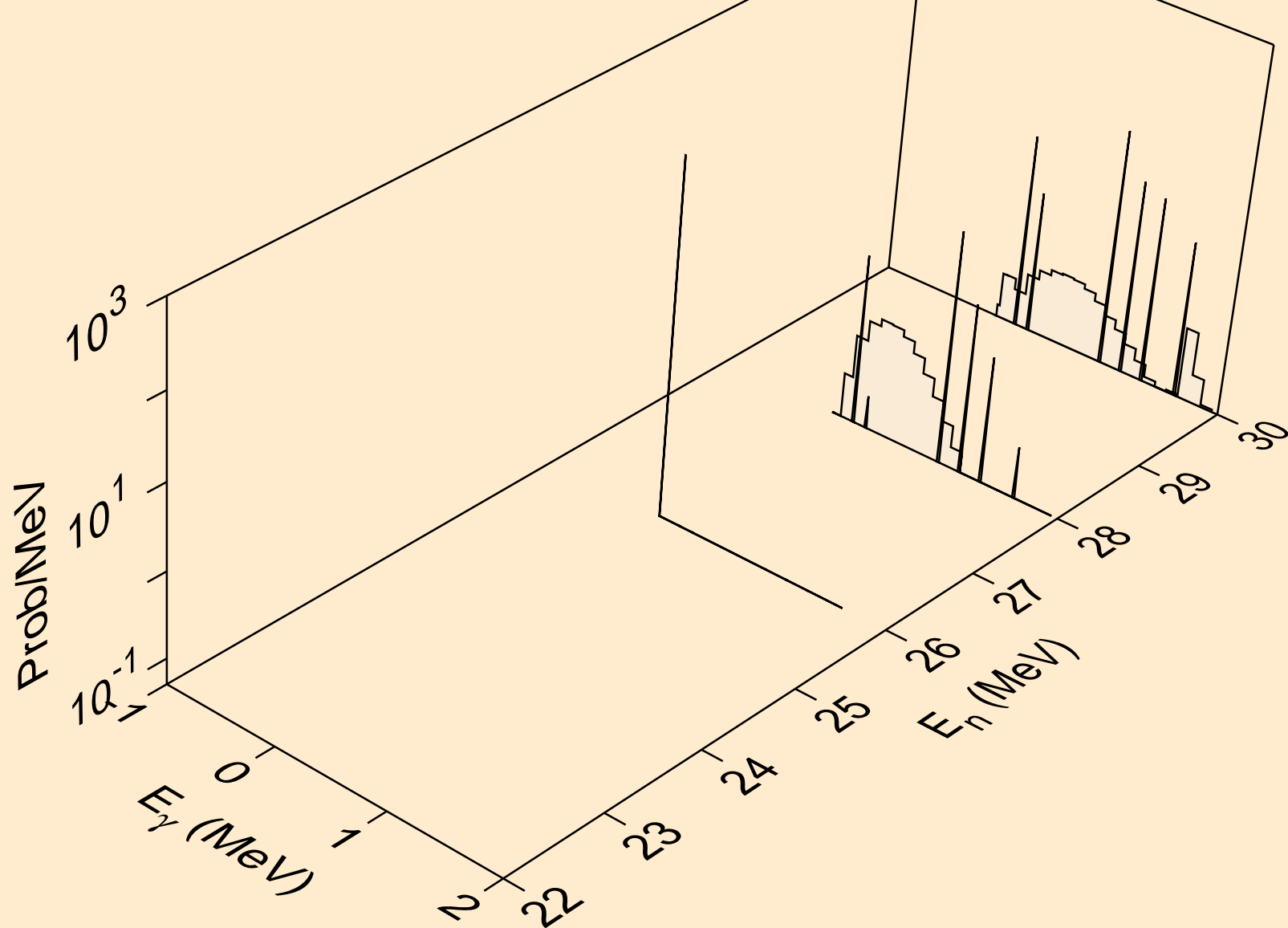
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



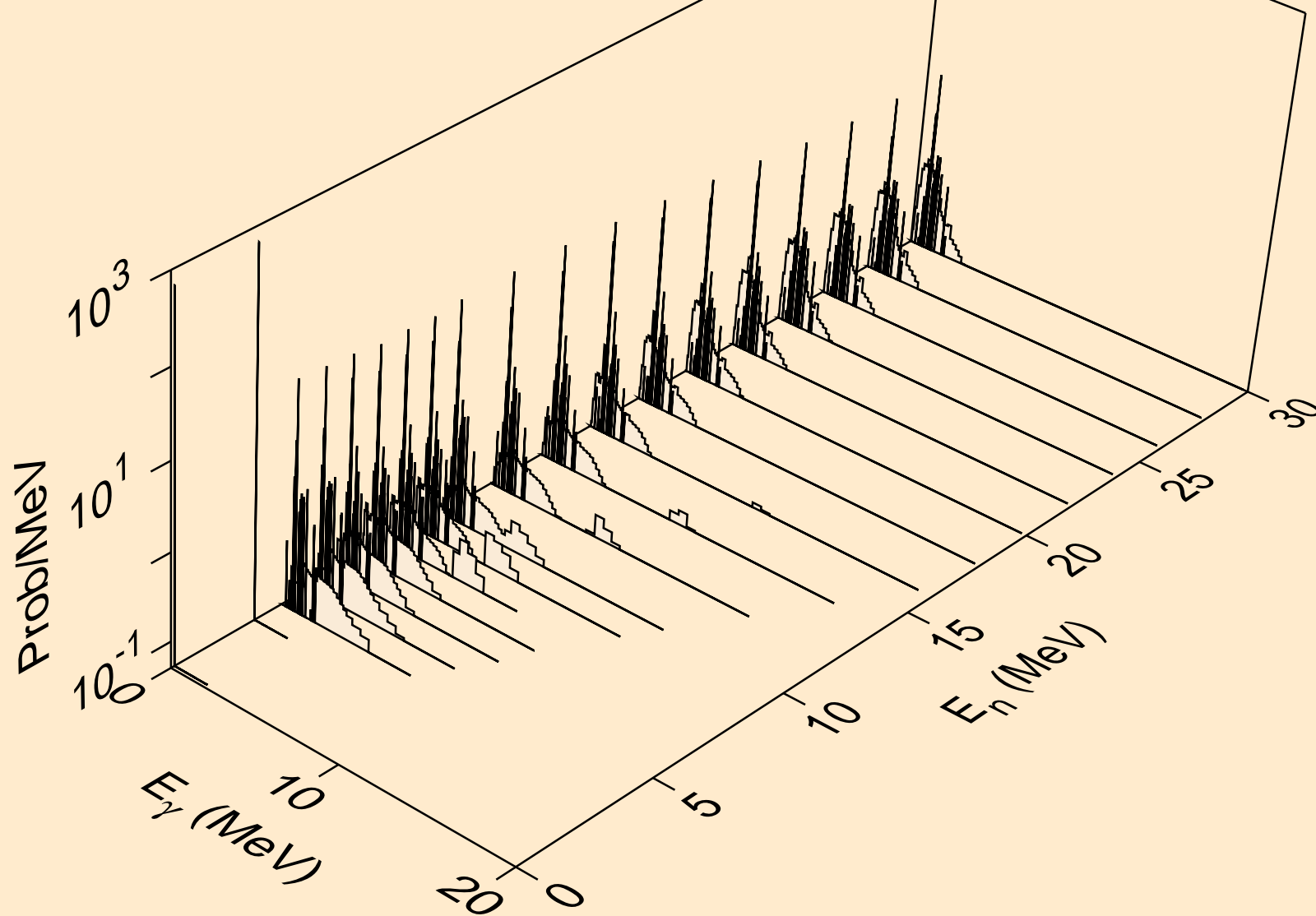
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Photon emission for (n,2np)



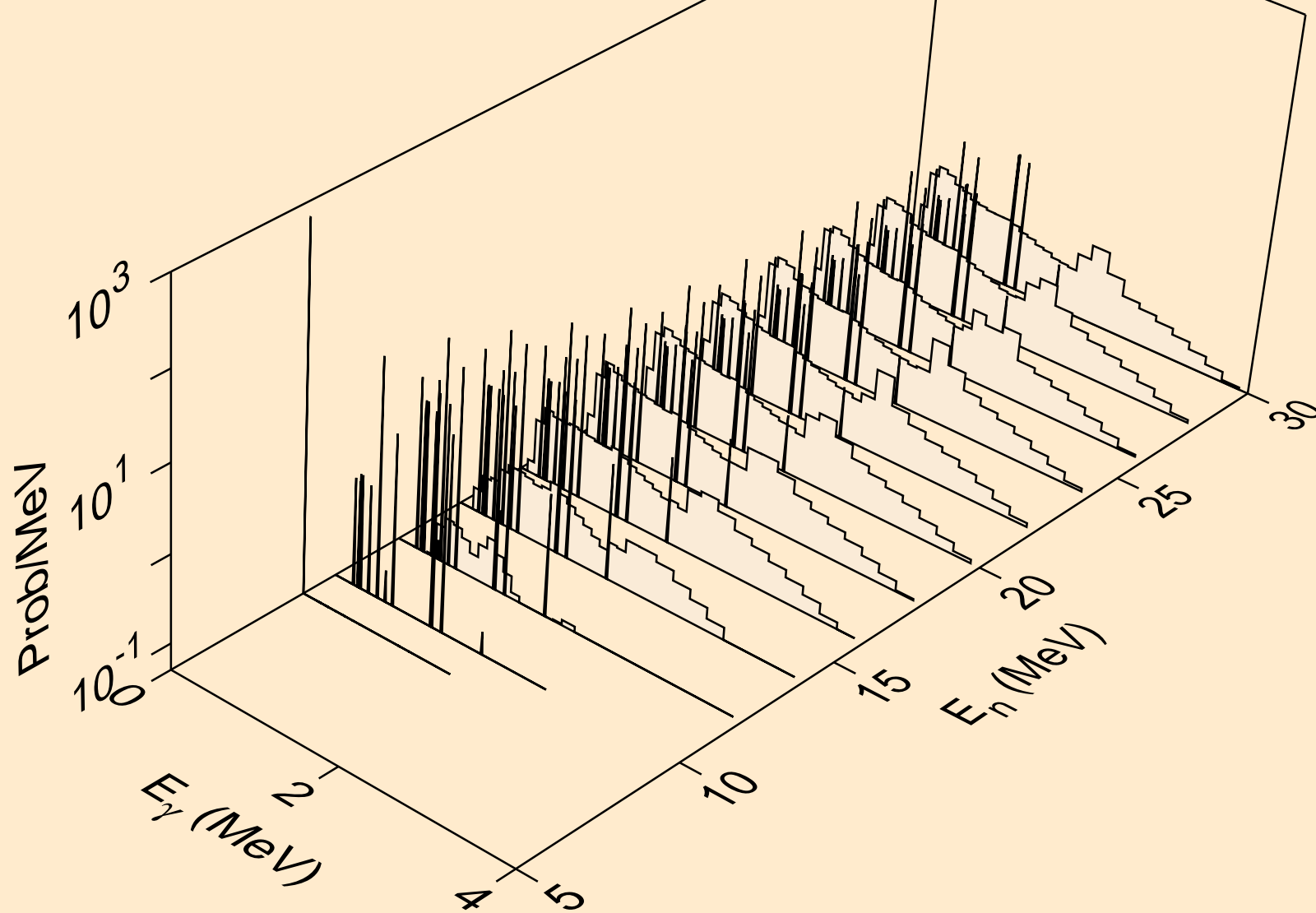
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Photon emission for (n,2np)



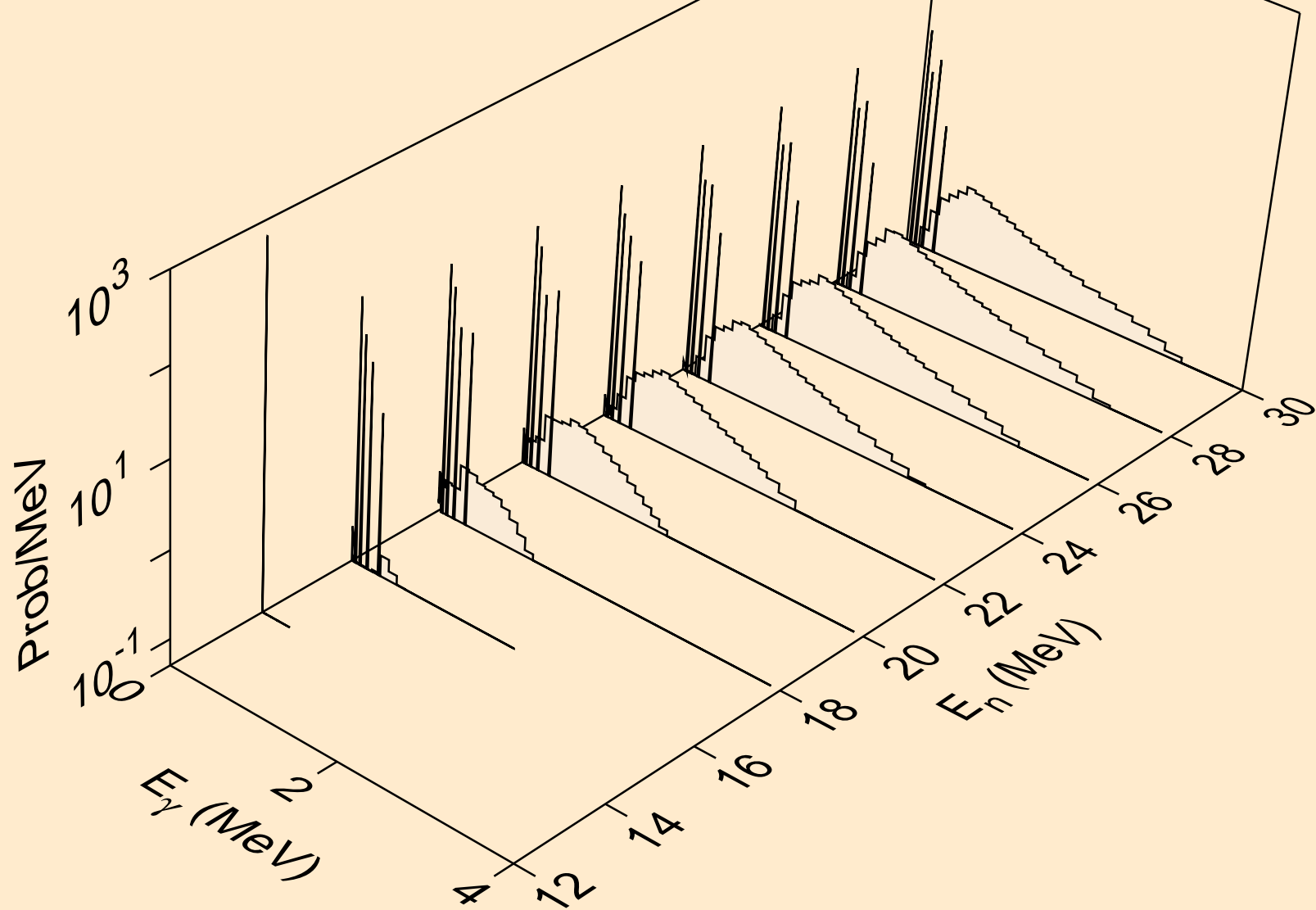
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Photon emission for (n,gma)



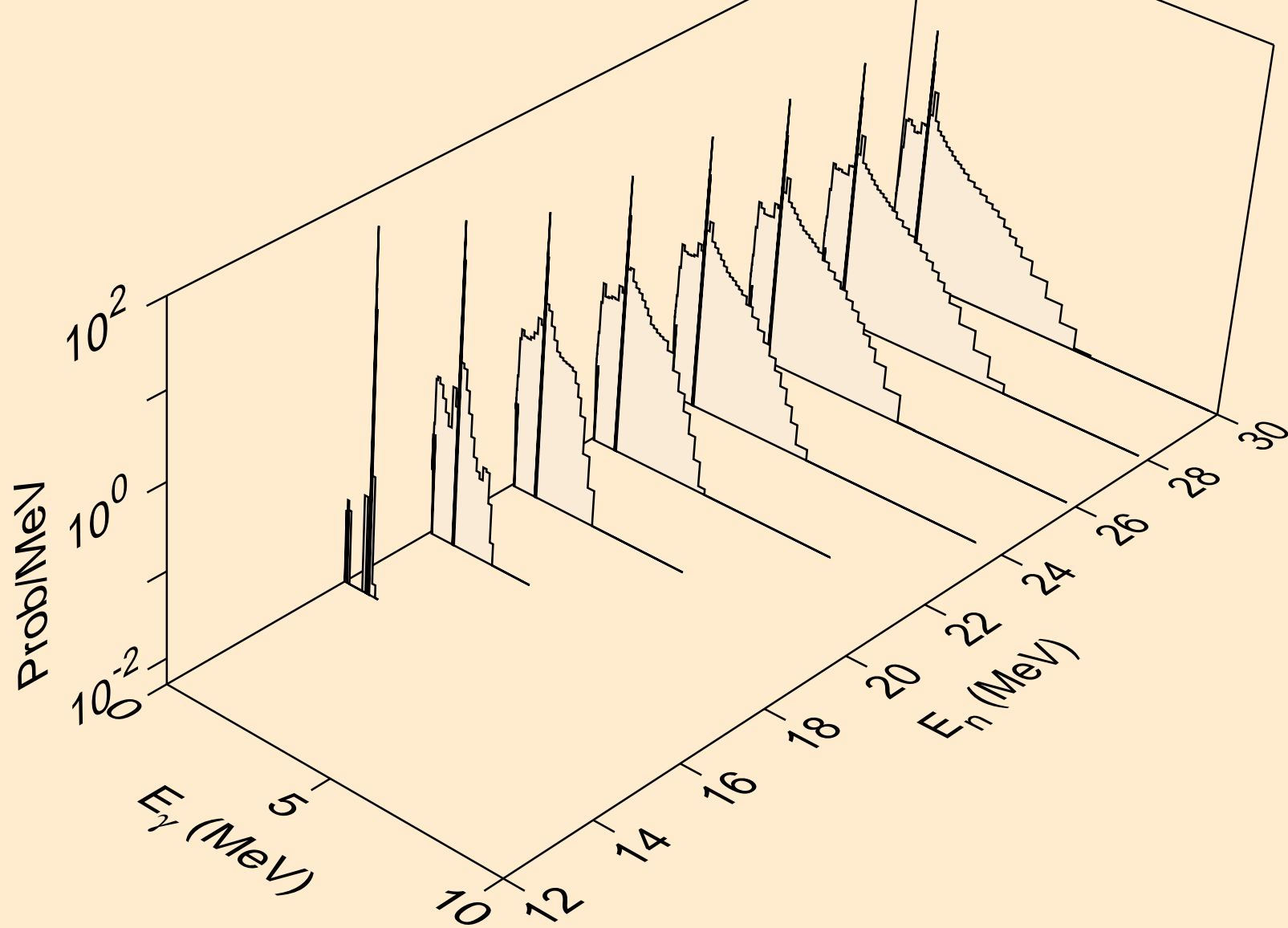
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

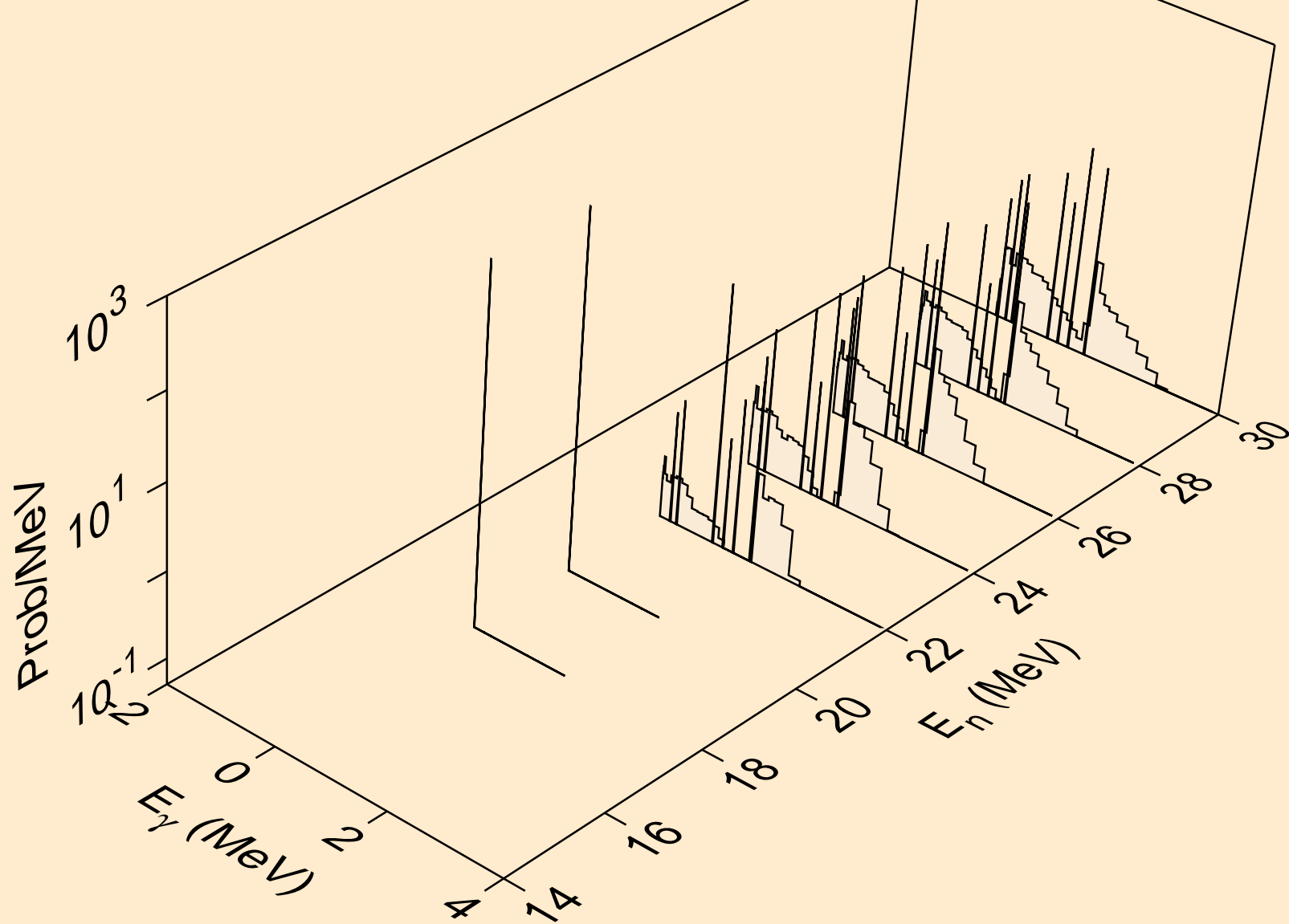


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Photon emission for (n,t)

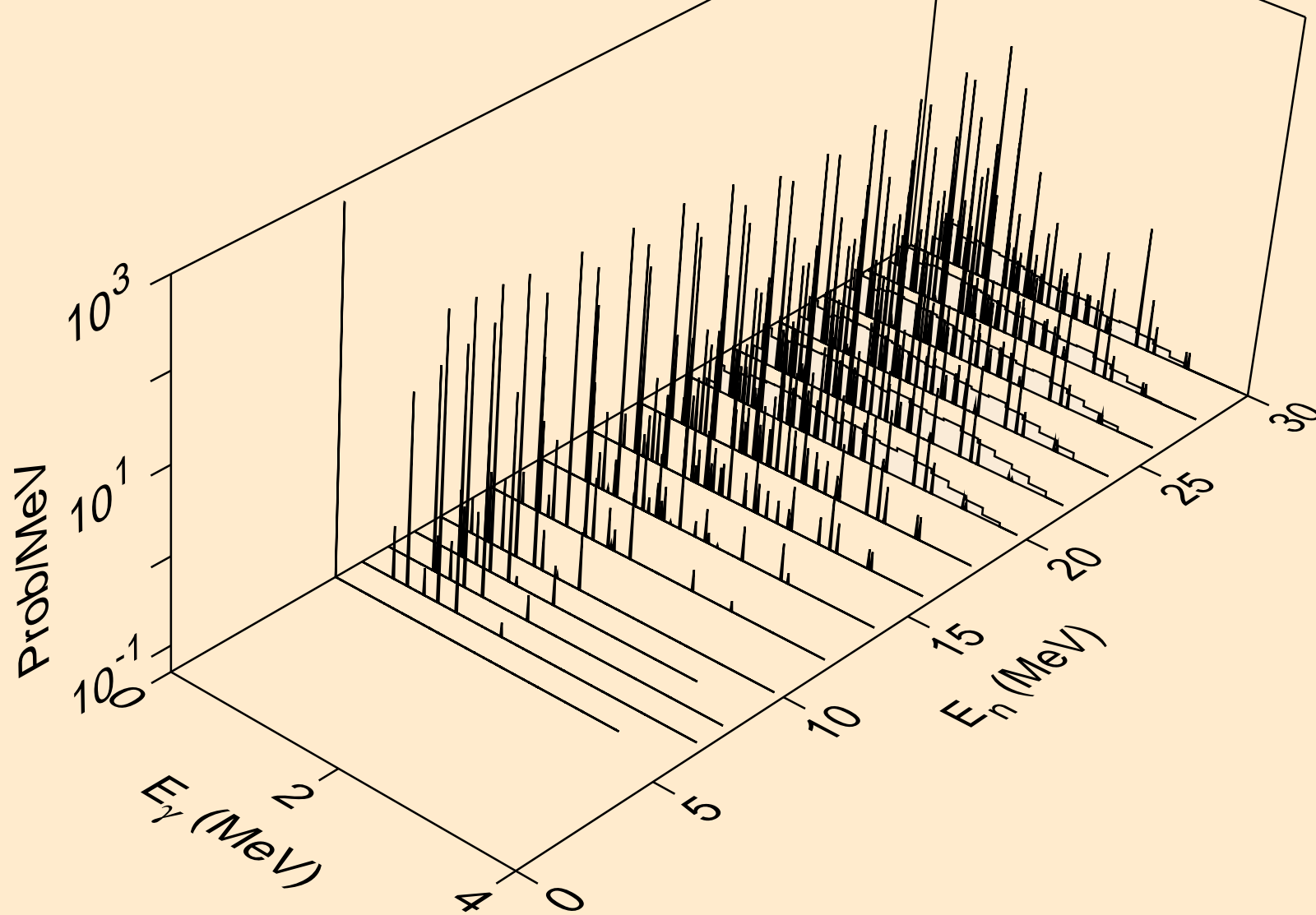




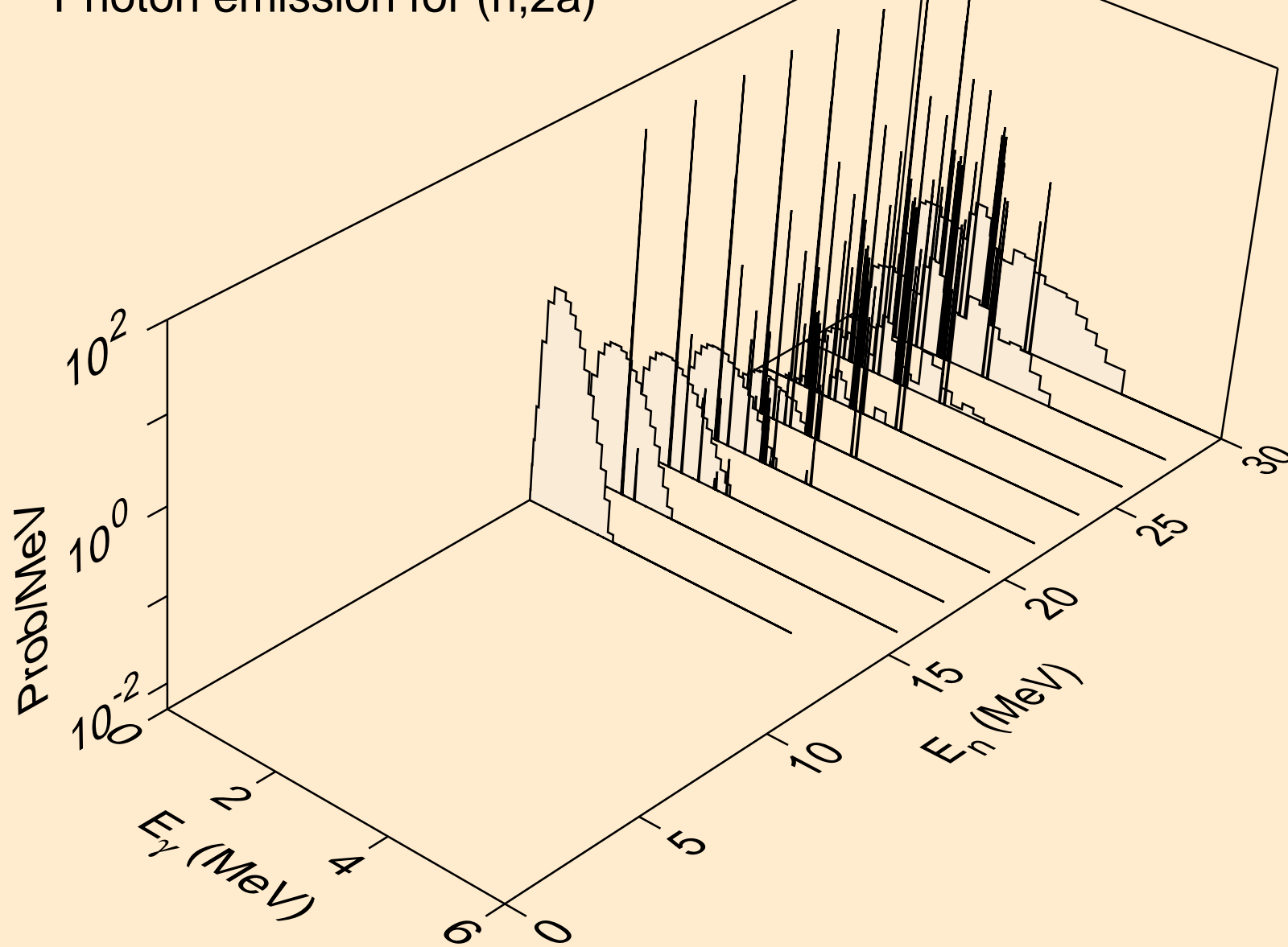
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Photon emission for (n,he3)



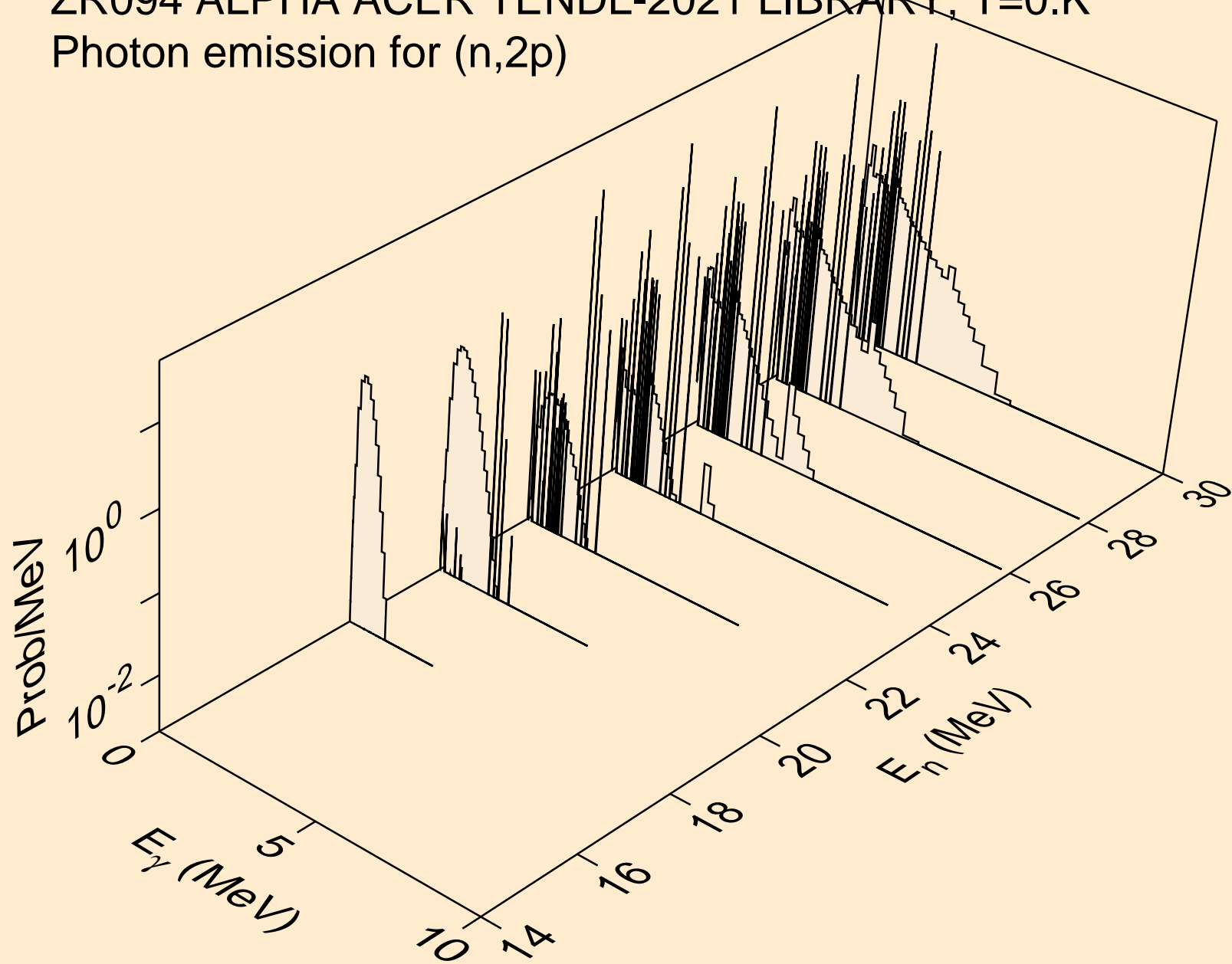
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Photon emission for inelastic



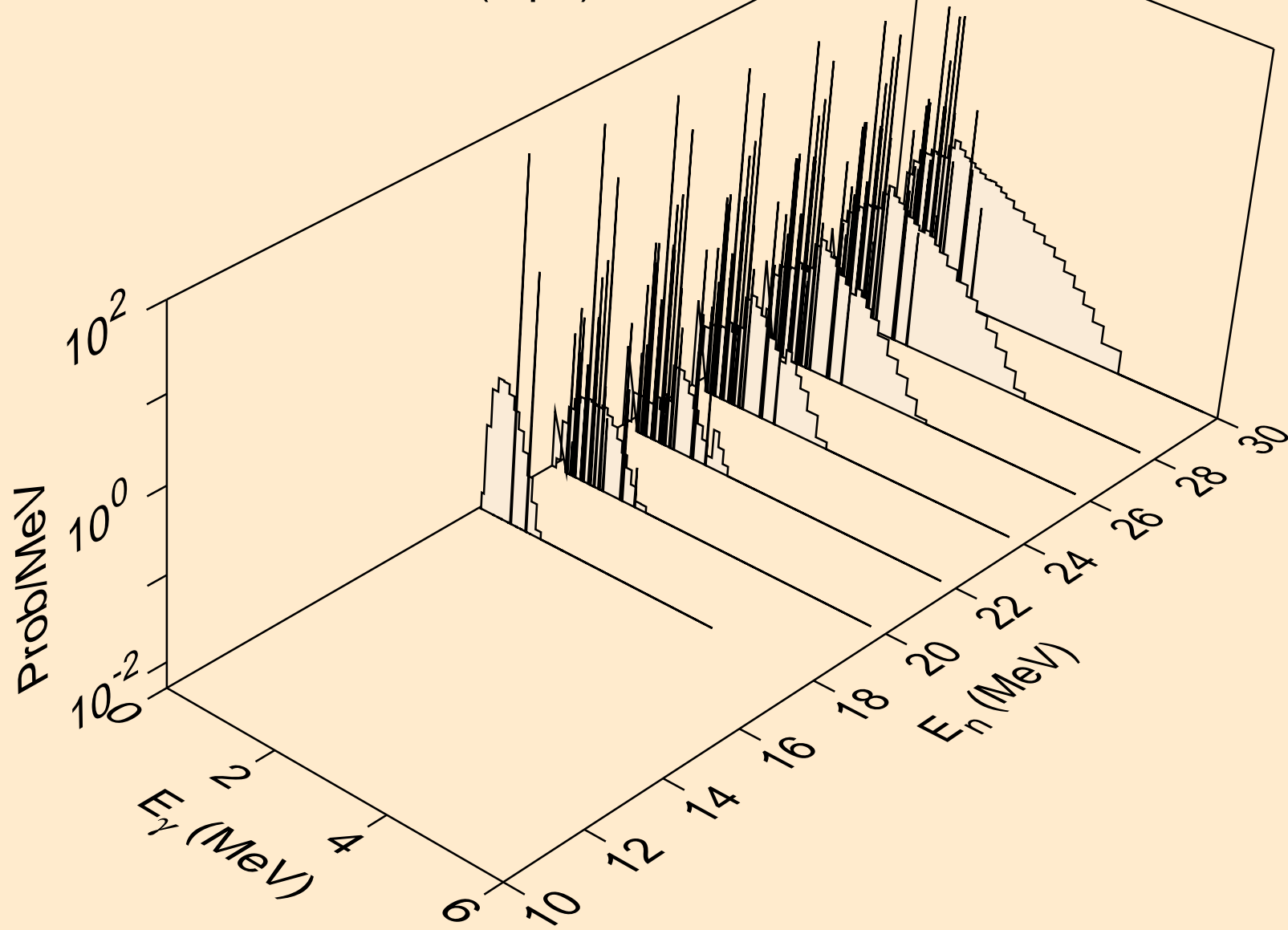
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Photon emission for (n,2a)



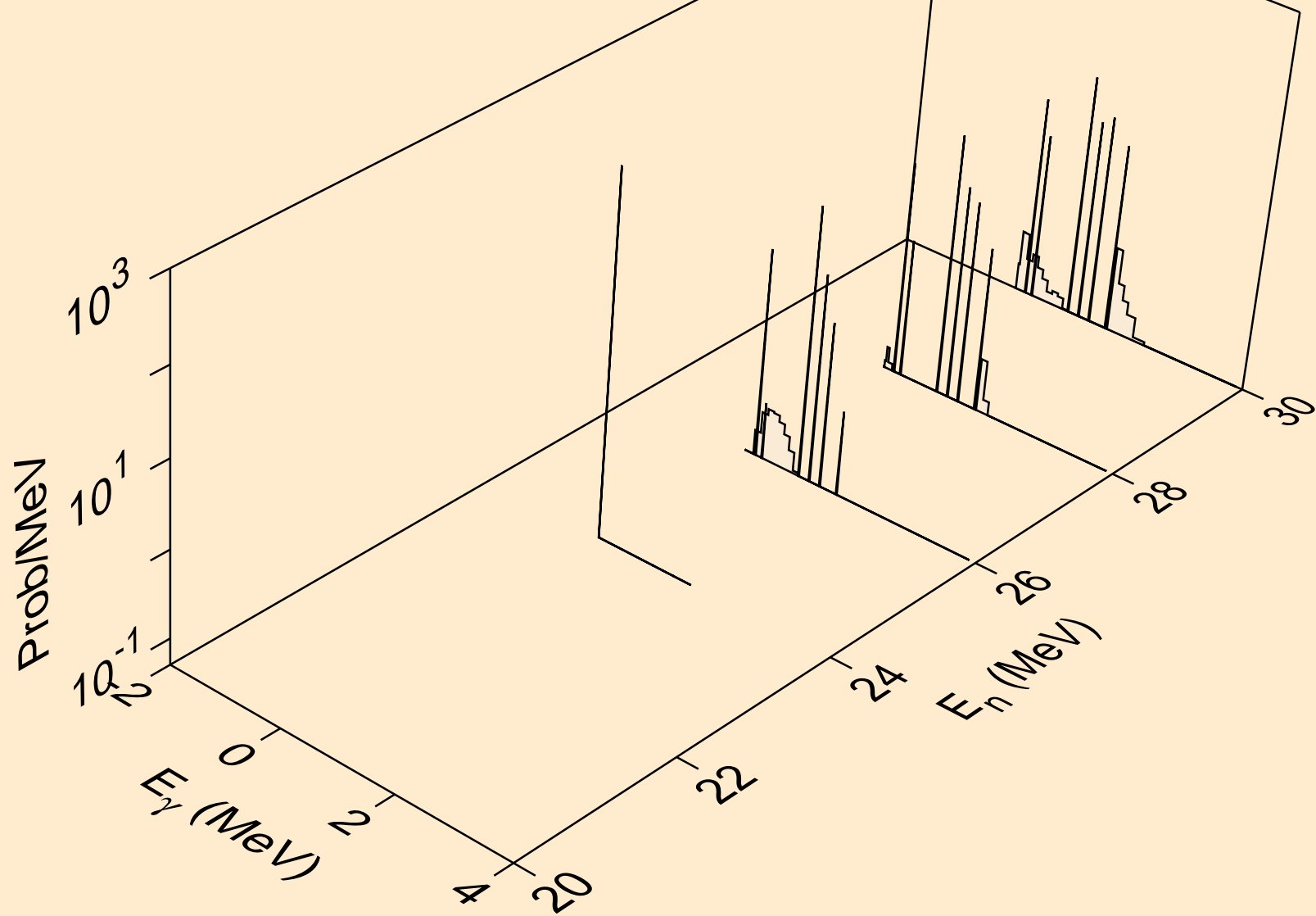
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Photon emission for (n,2p)



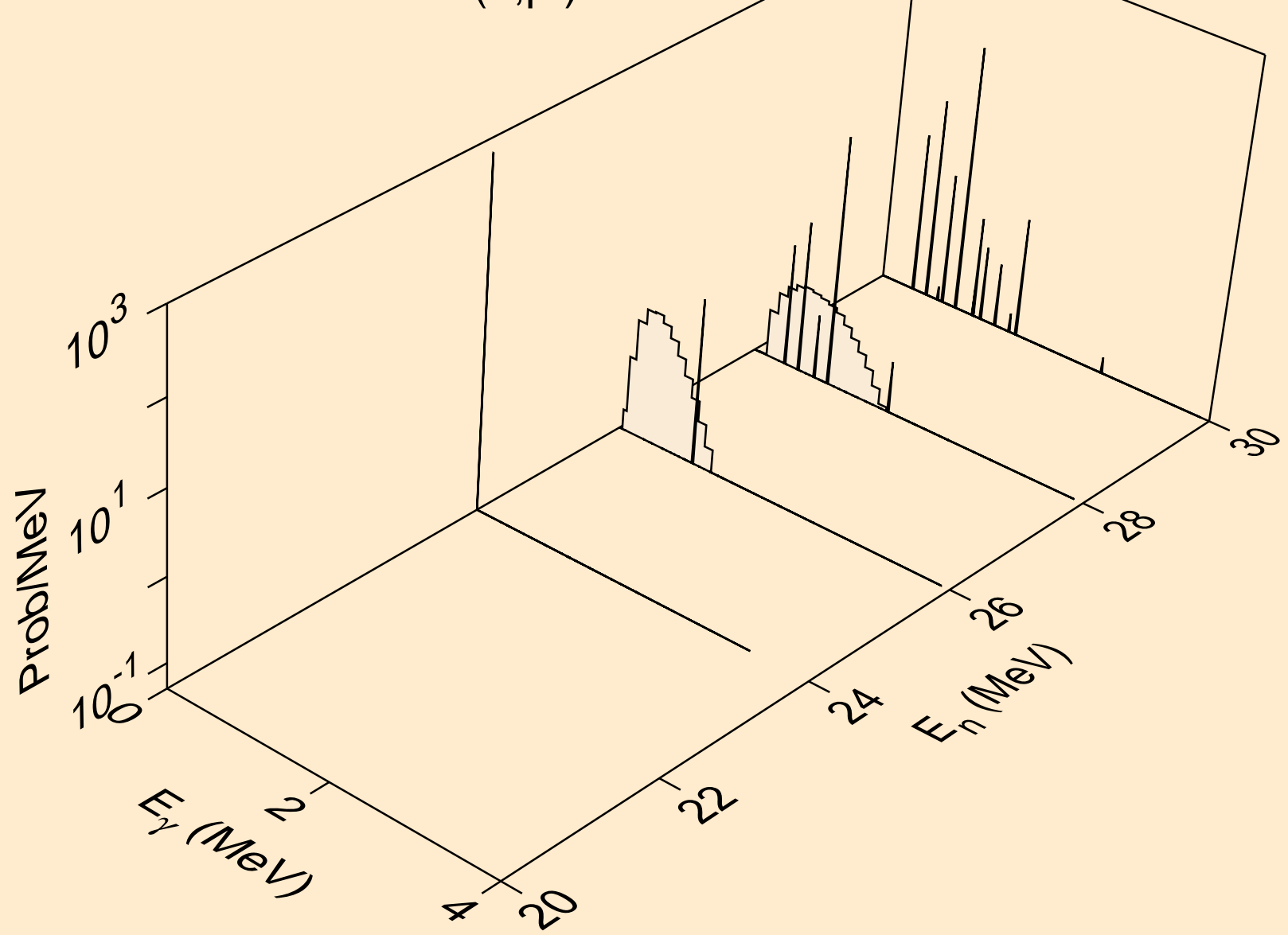
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Photon emission for (n,pa)



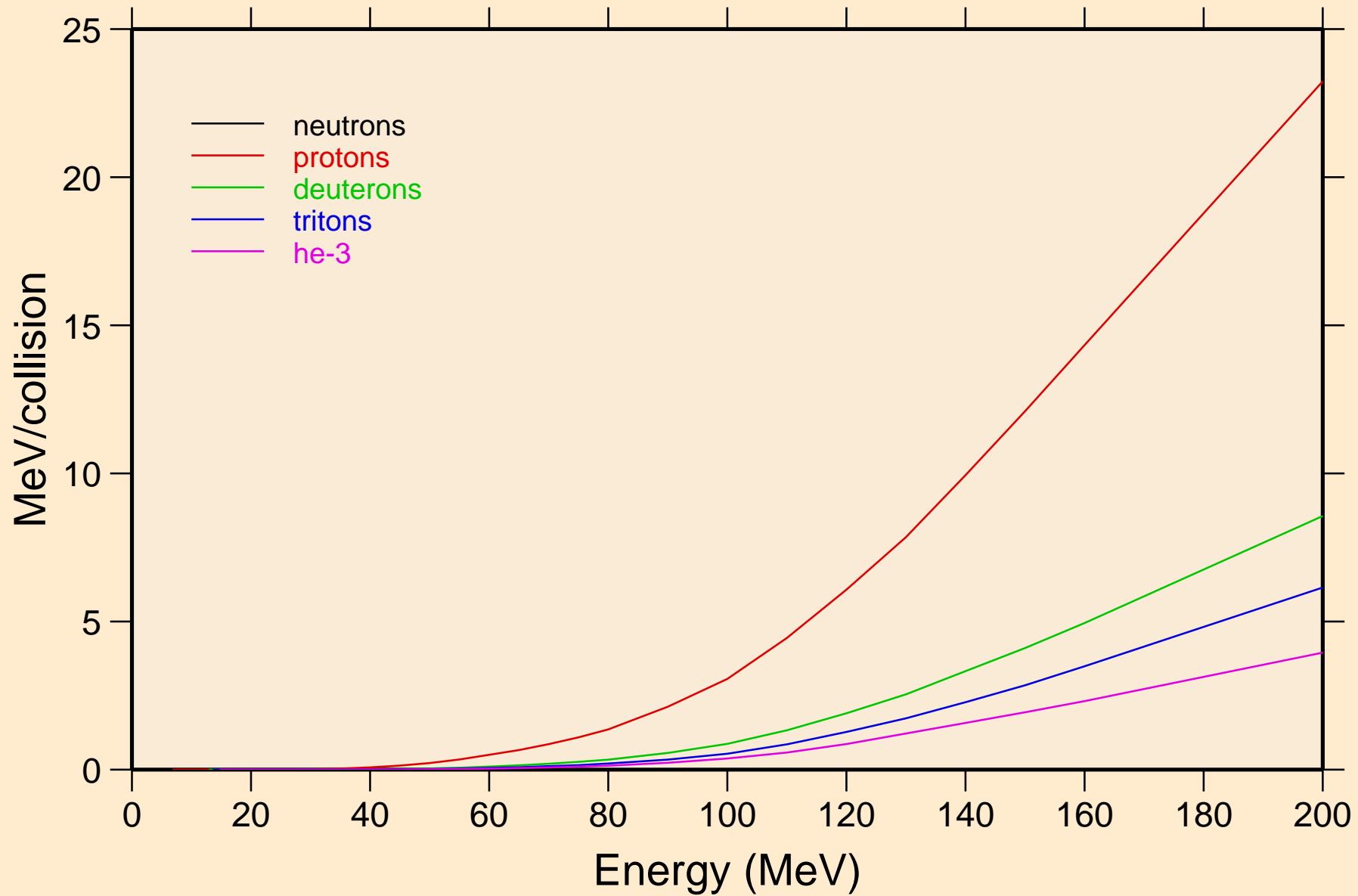
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

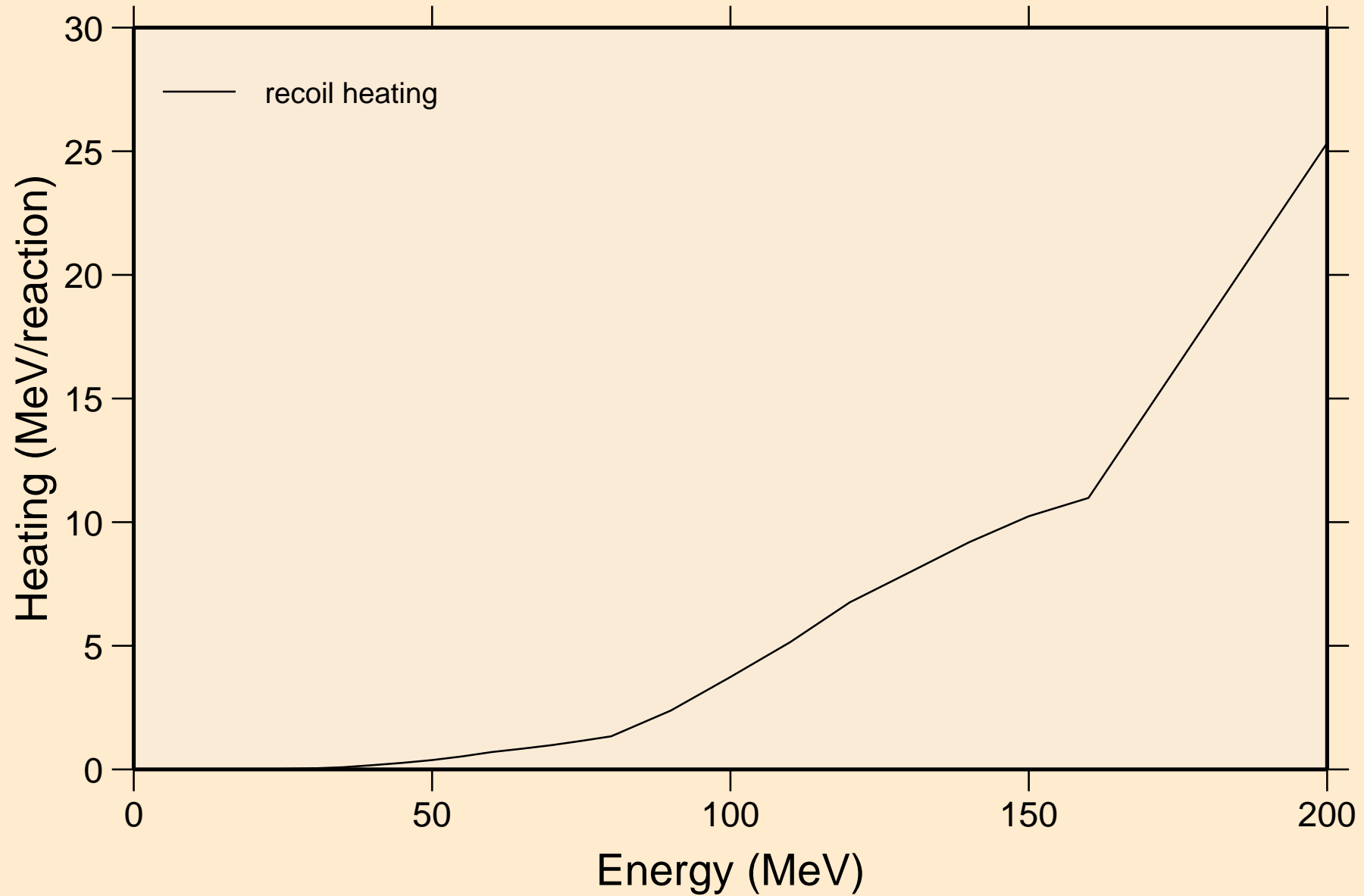


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Particle heating contributions

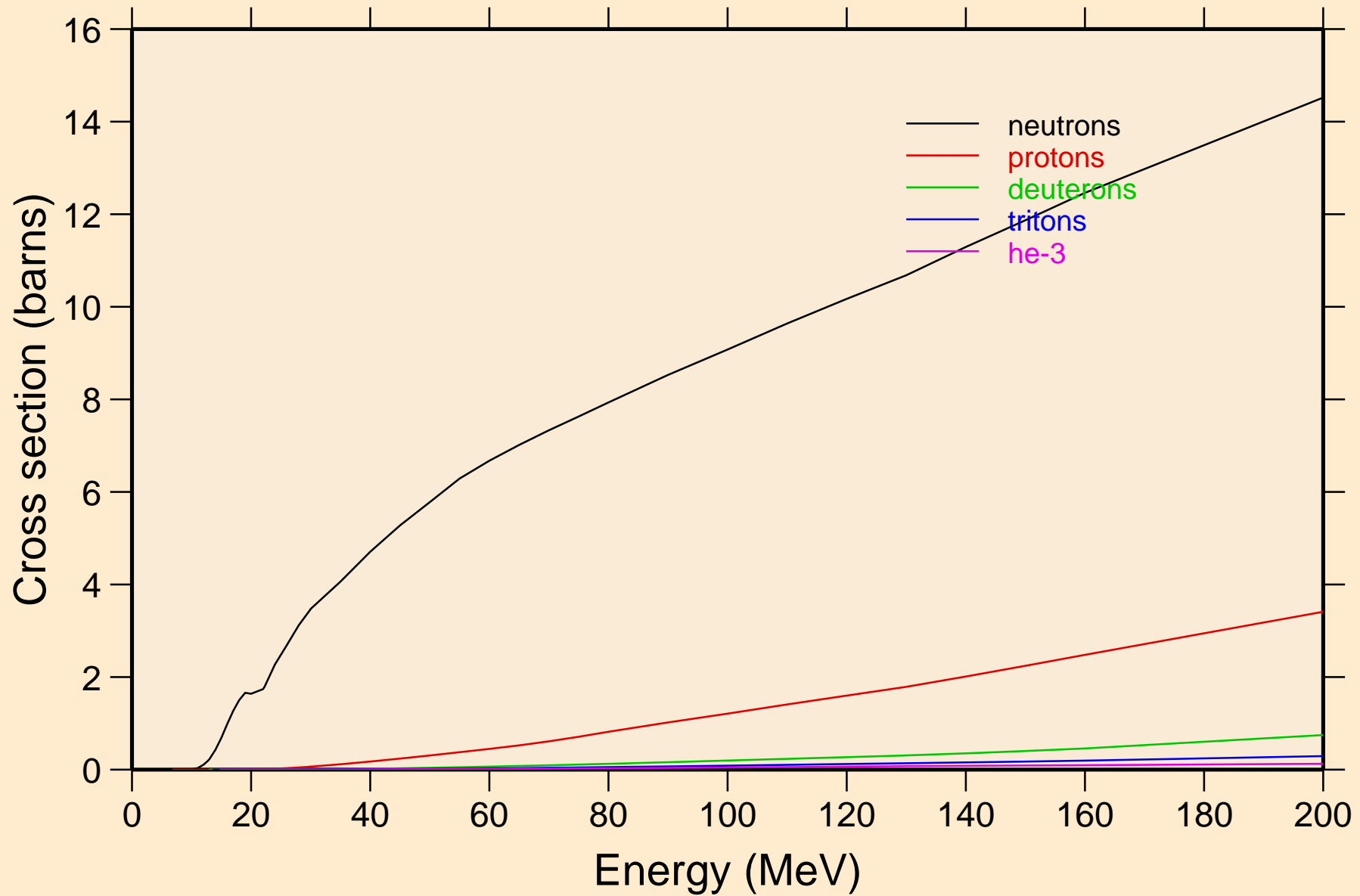




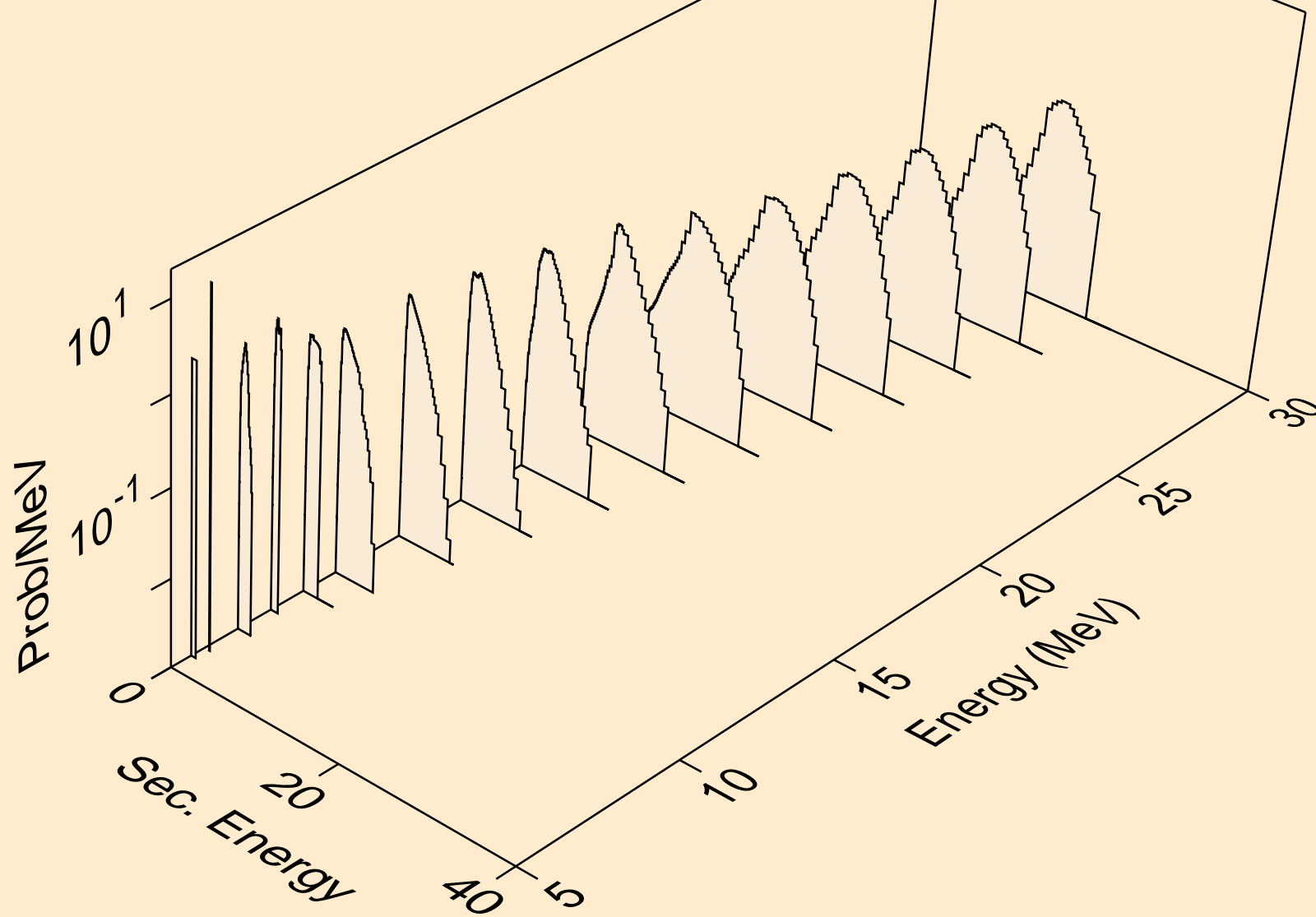
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Recoil Heating



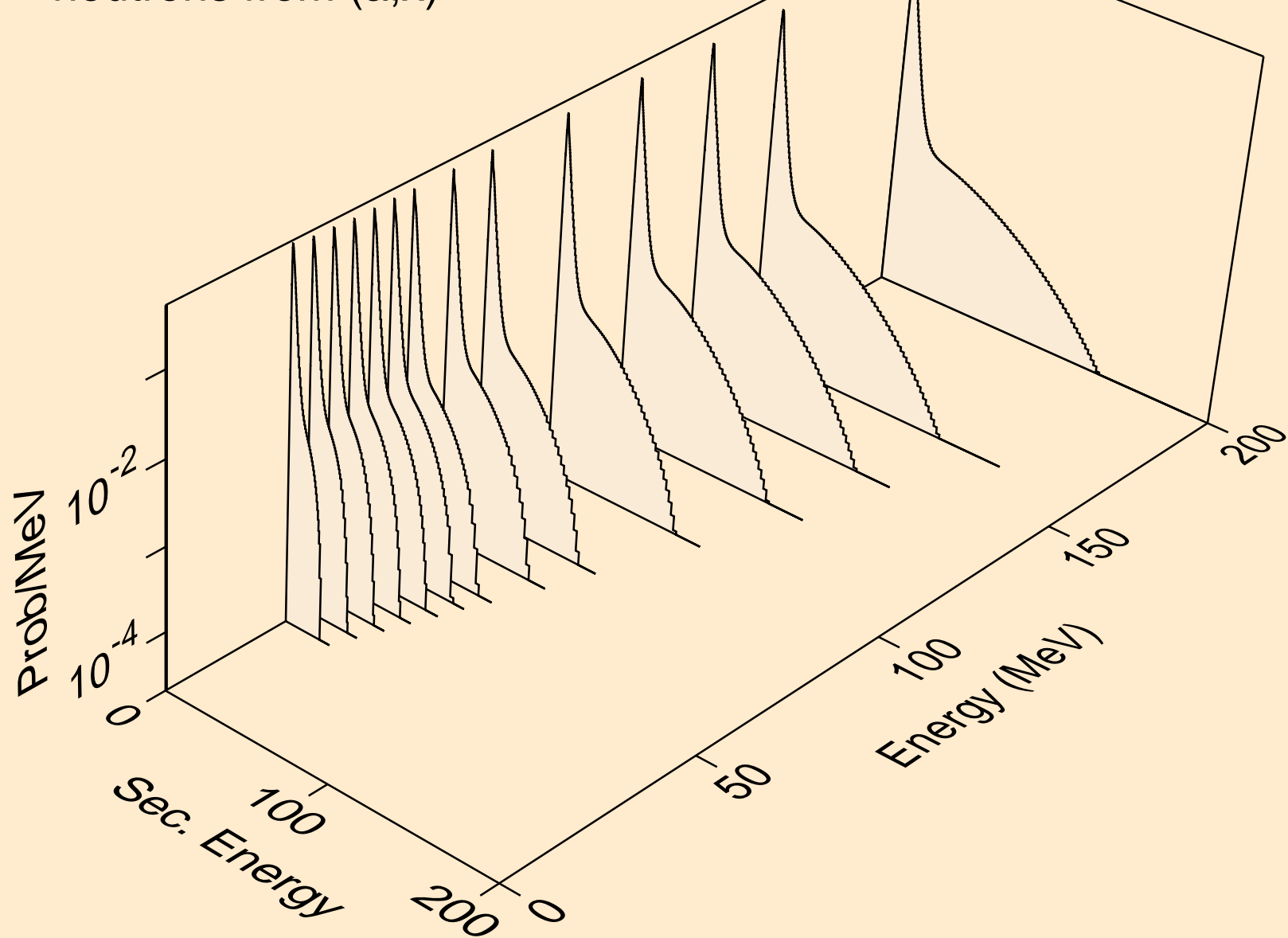
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



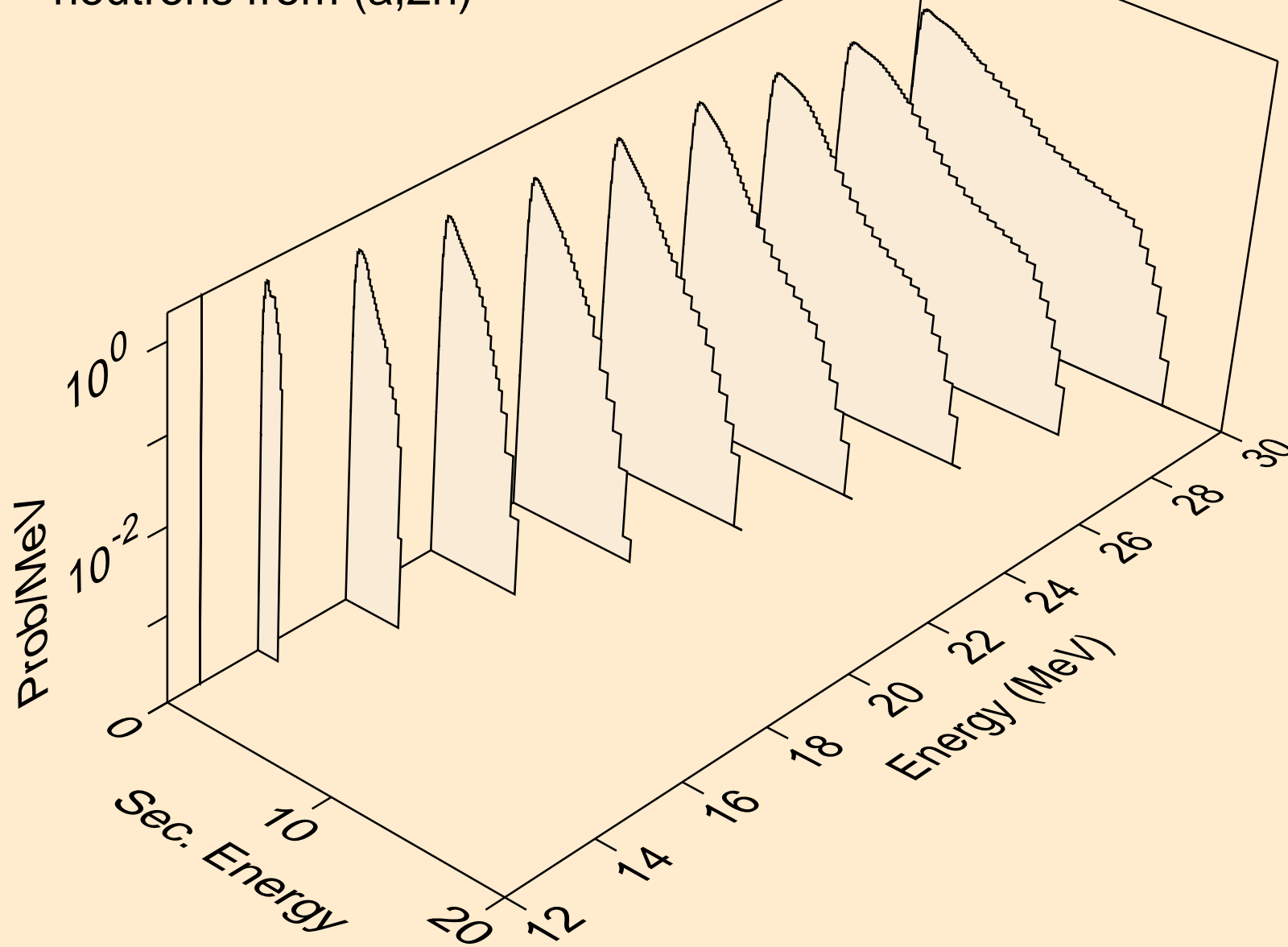
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



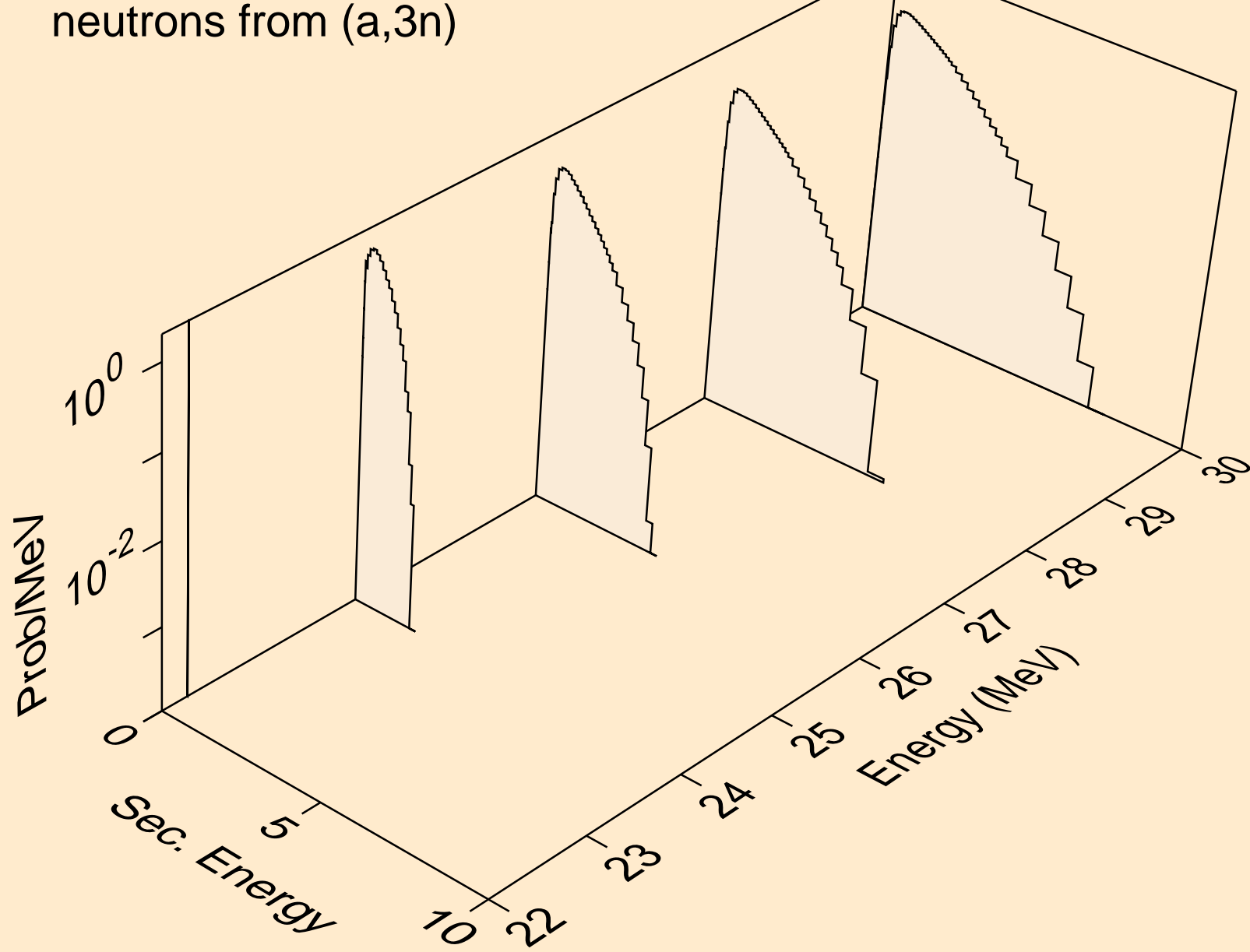
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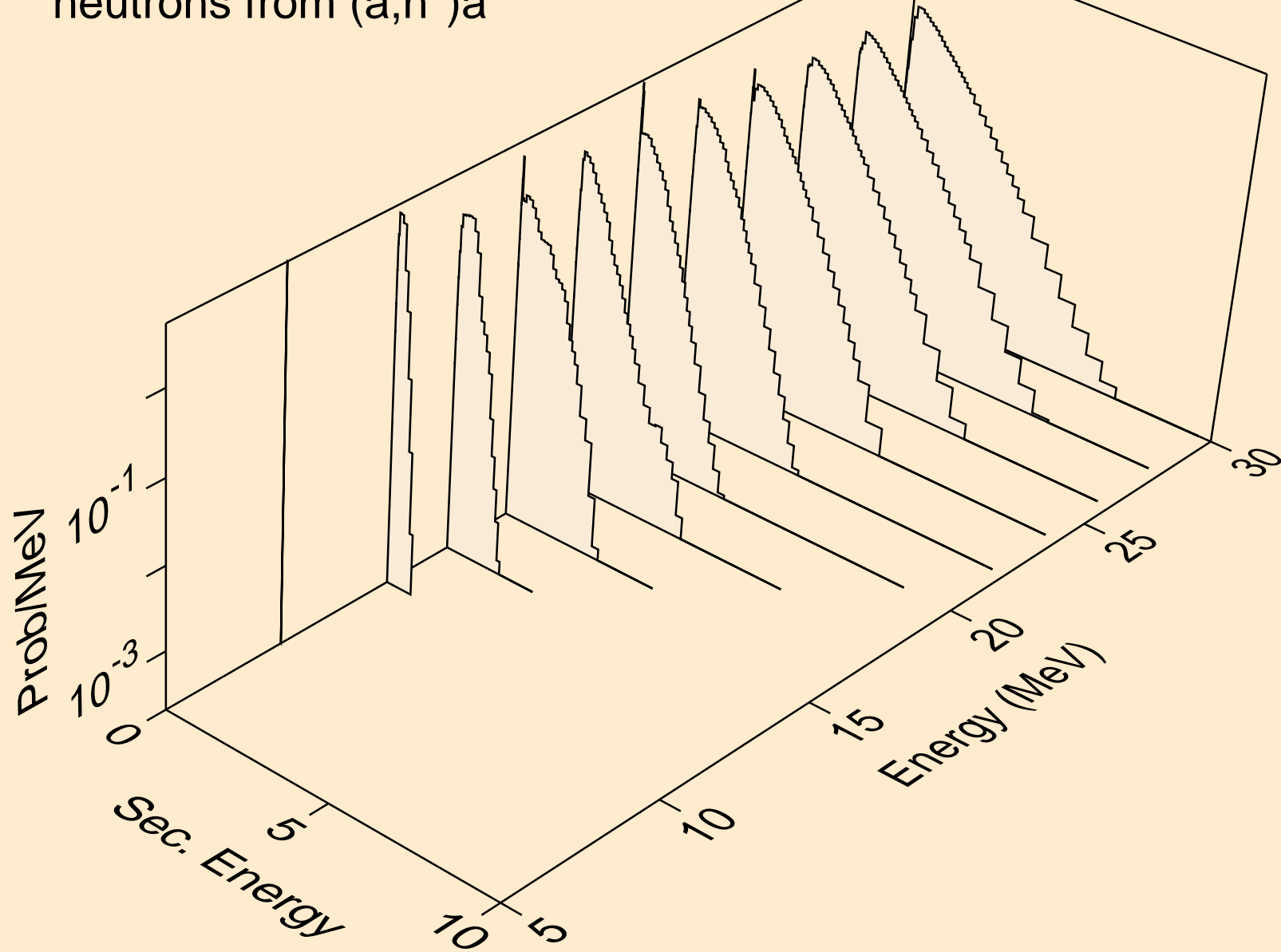
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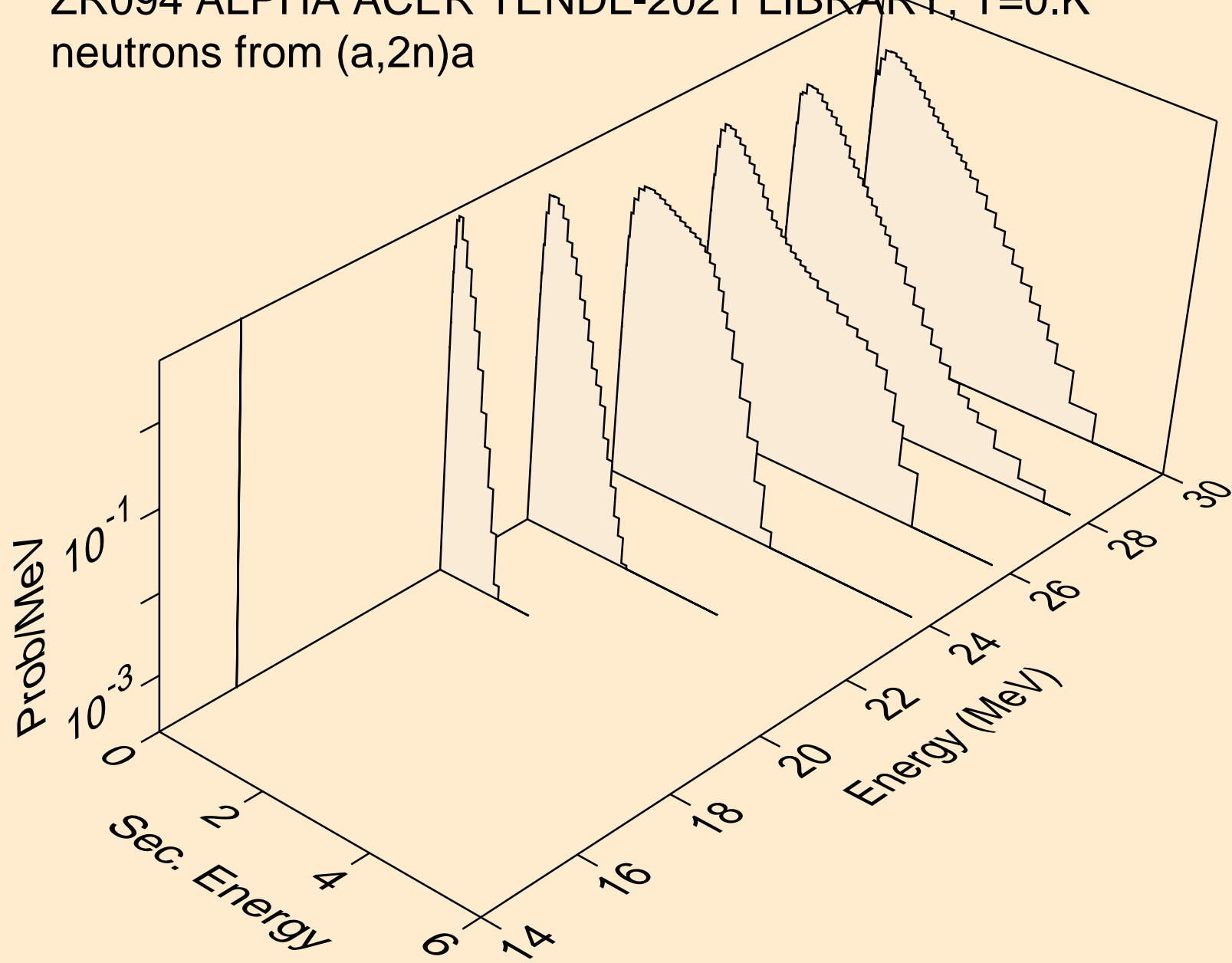
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

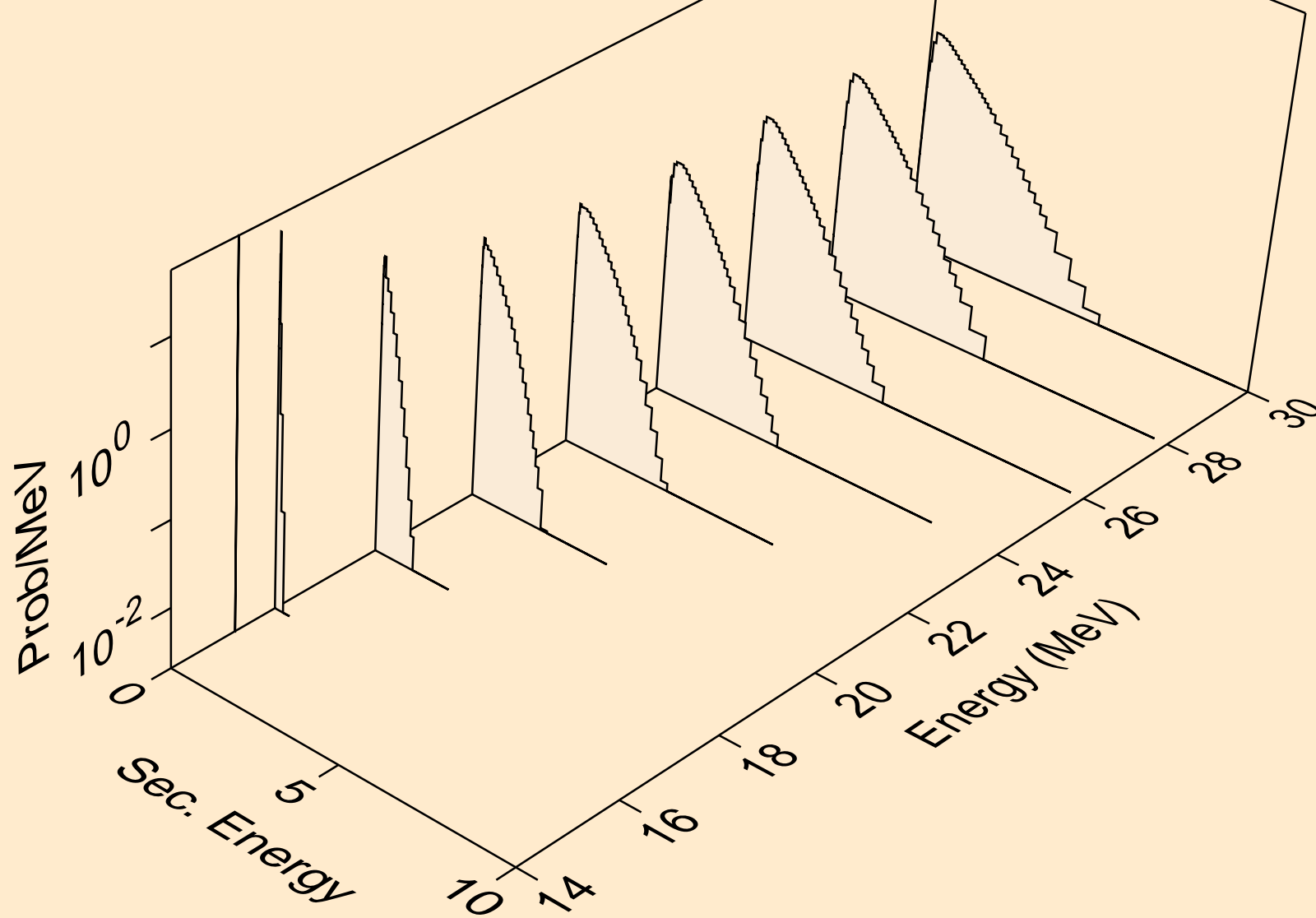


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neutrons from (a,2n)a

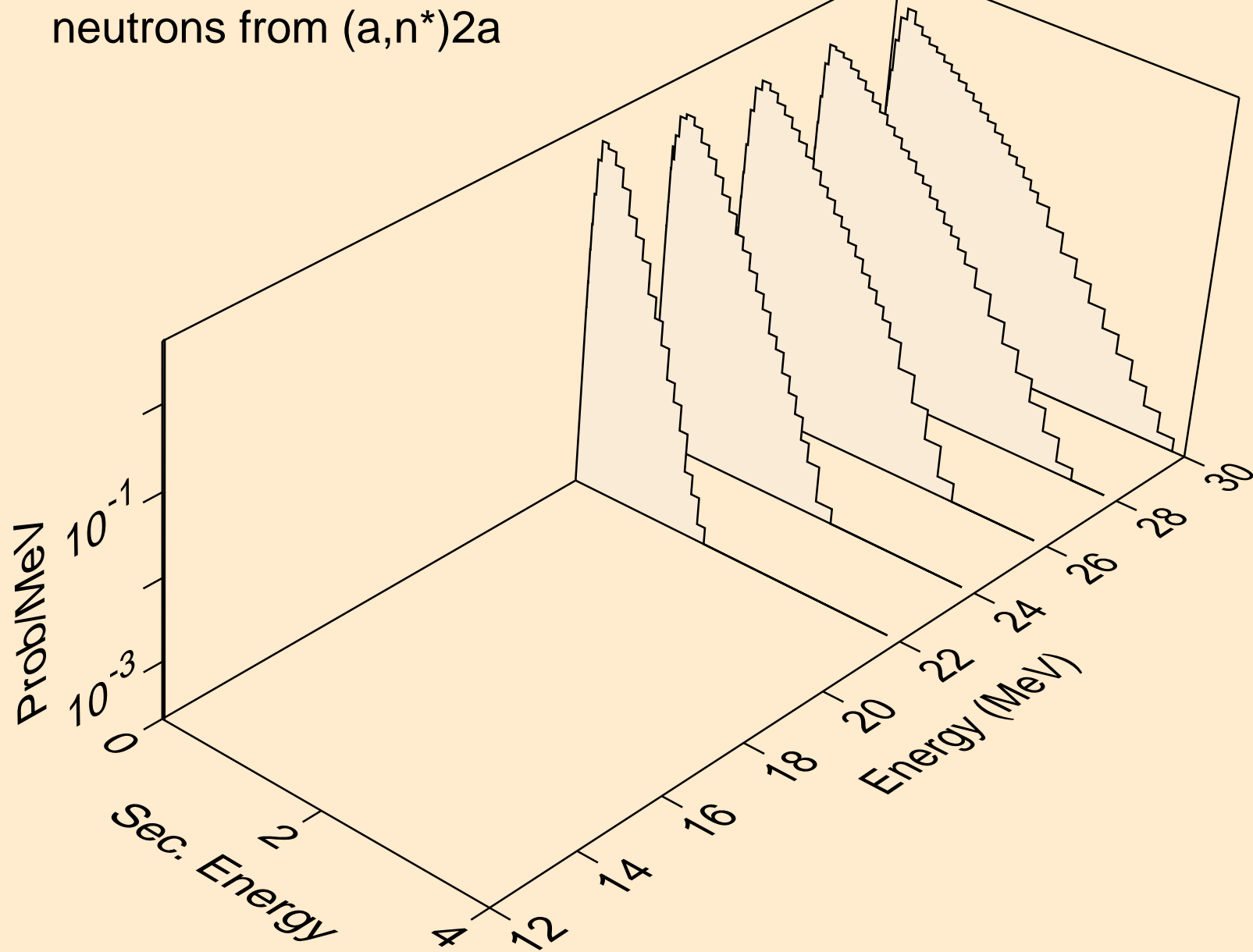




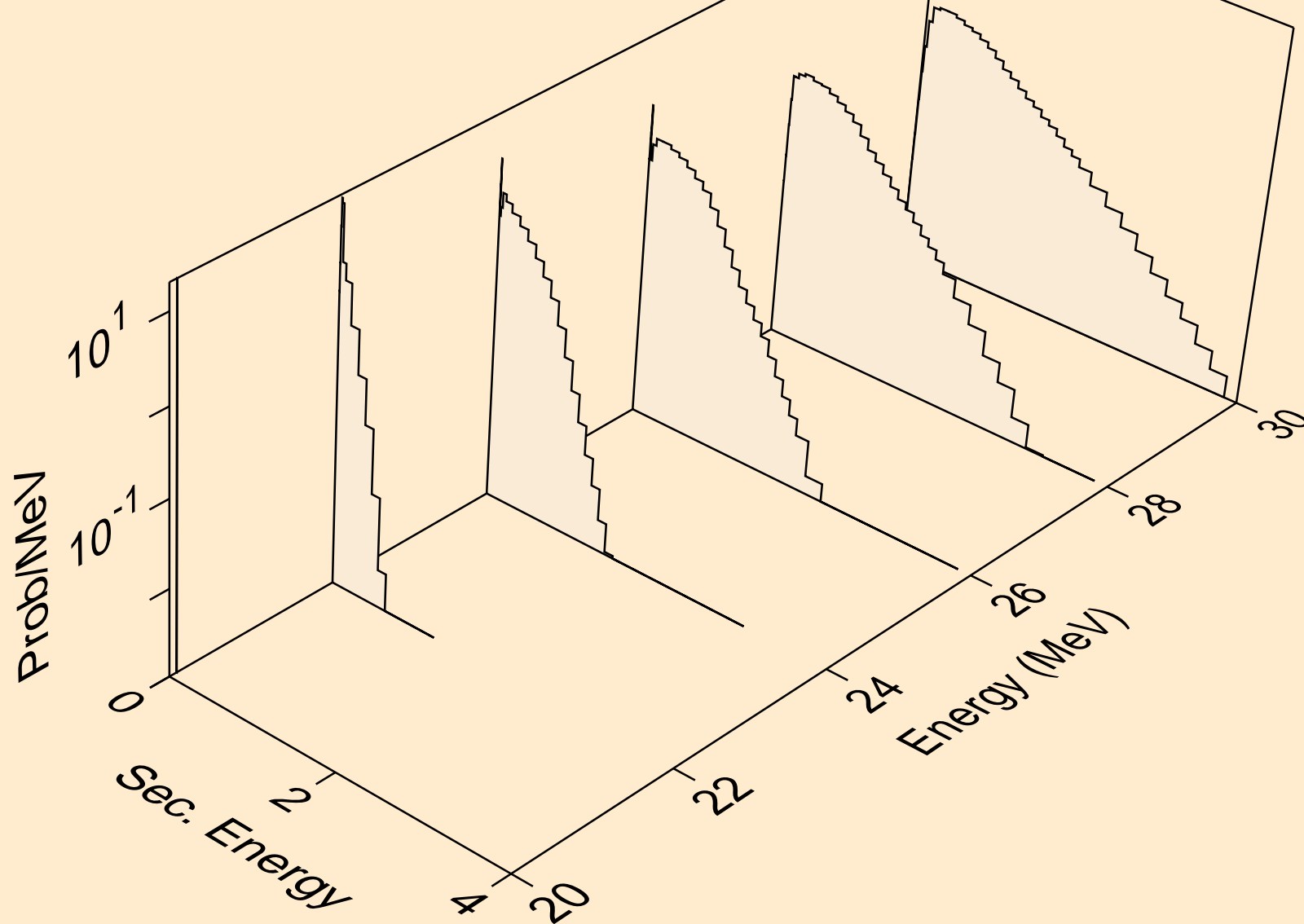
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neutrons from (a,n\*)p



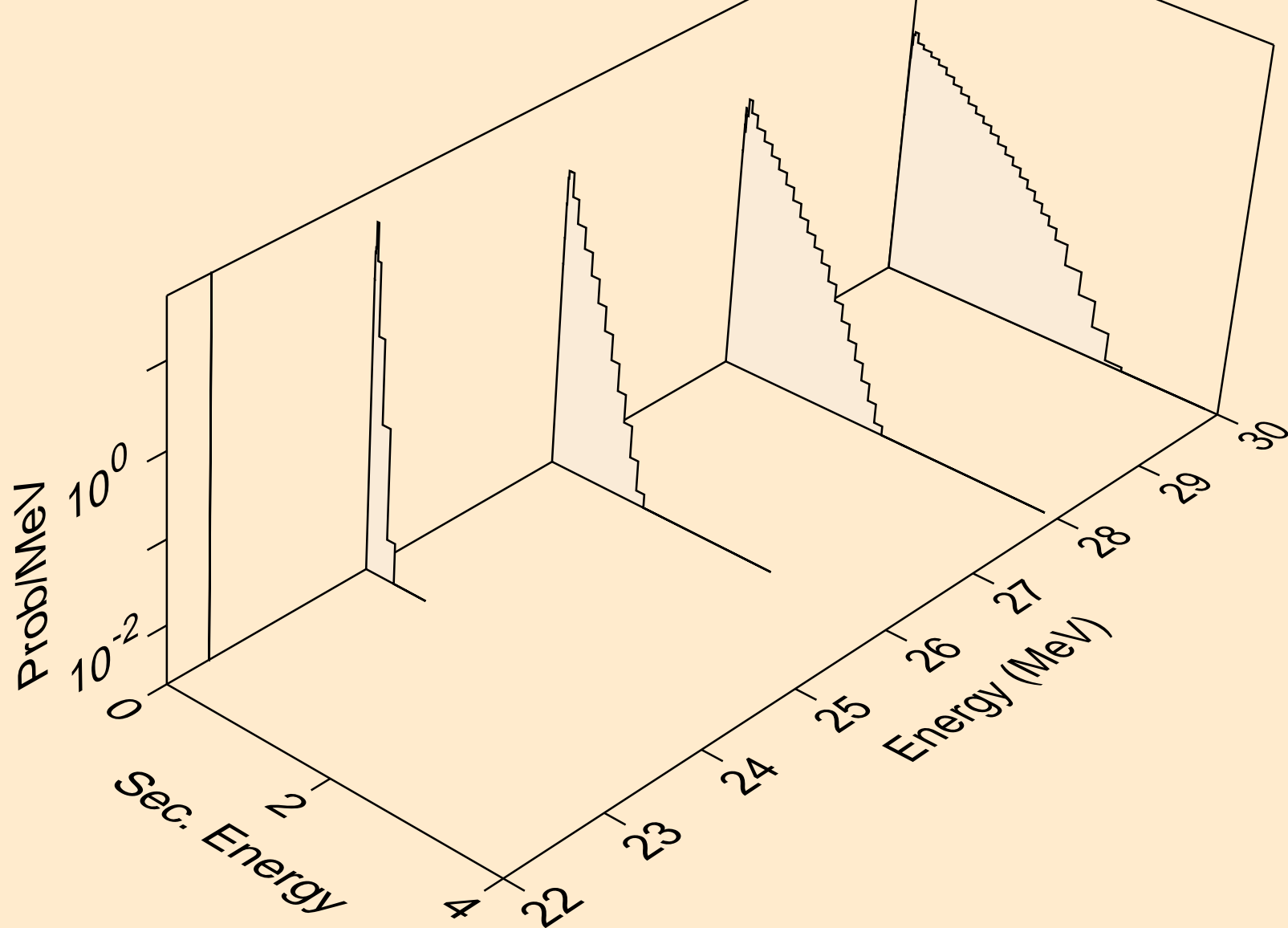
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neutrons from (a,n\*)2a



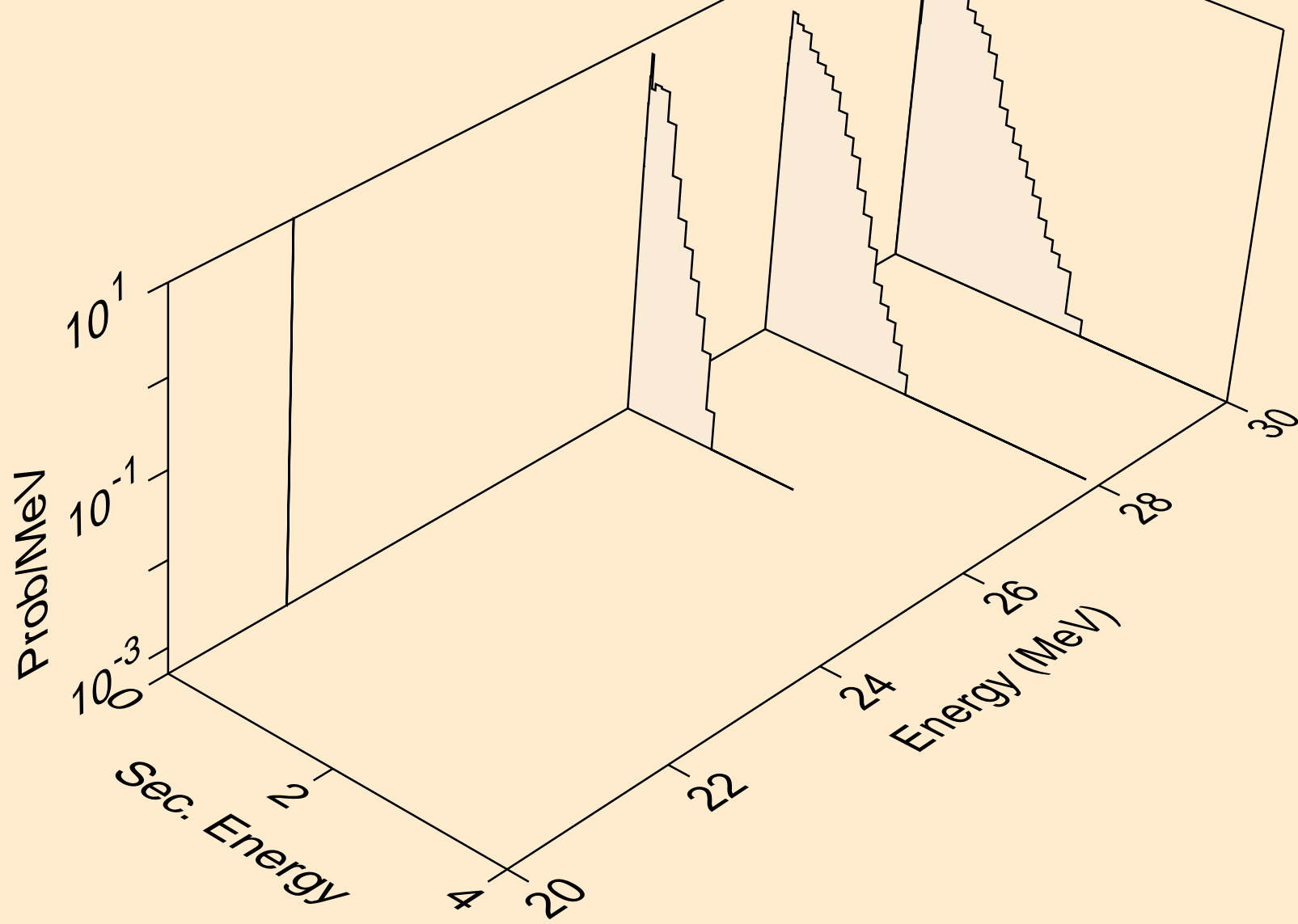
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neutrons from (a,n\*)d



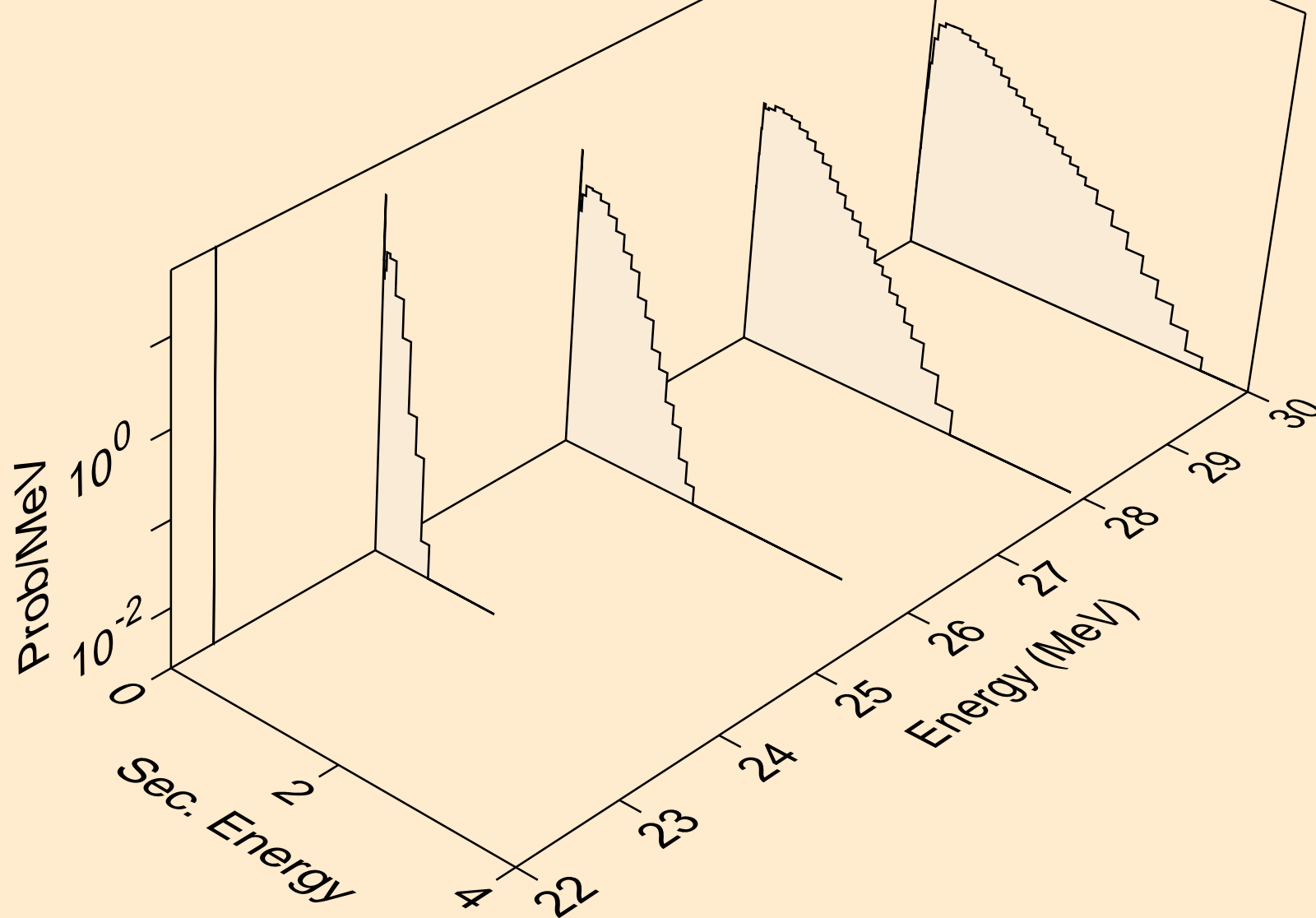
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neutrons from (a,n\*)t



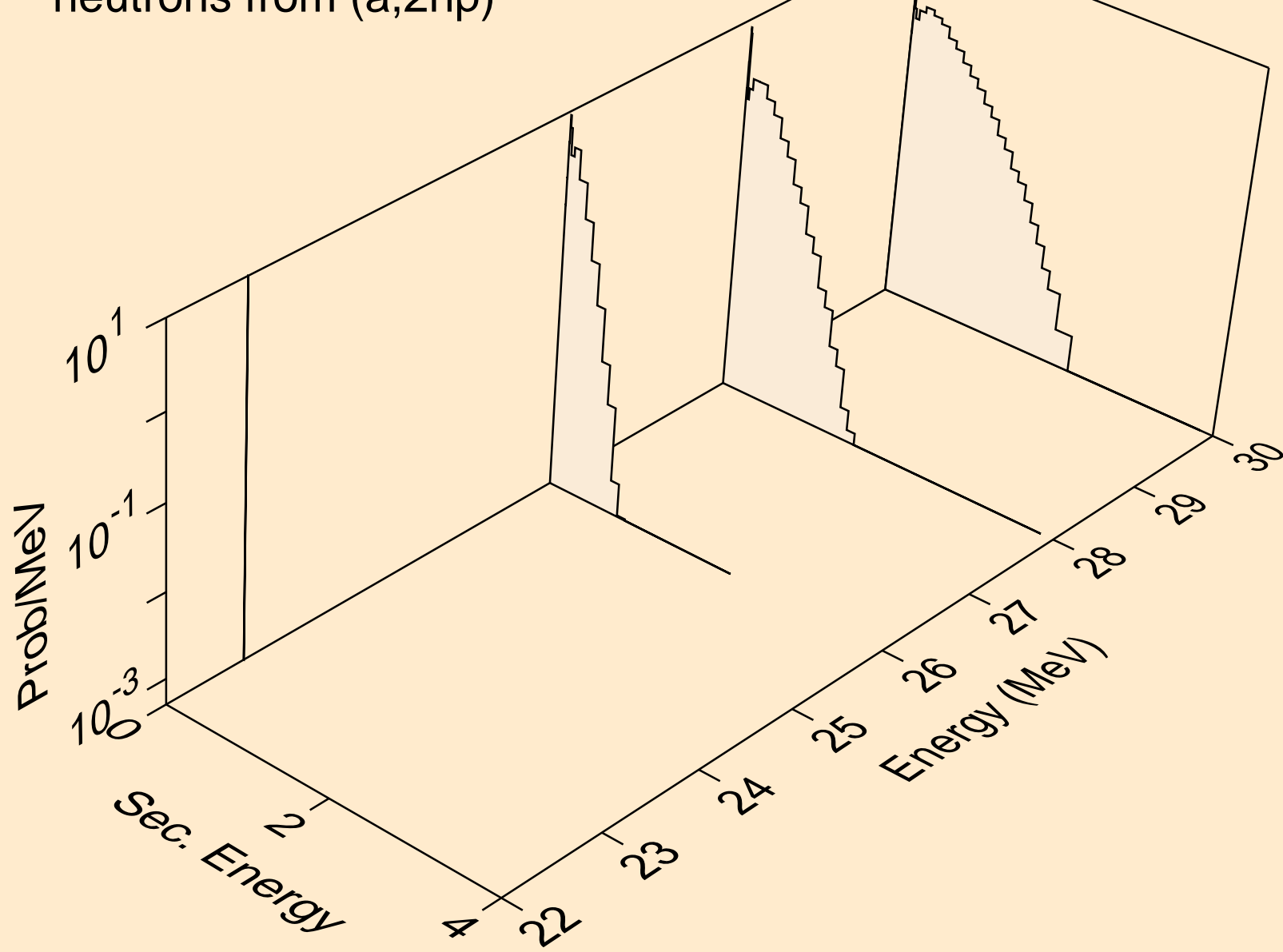
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neutrons from (a,n\*)he3



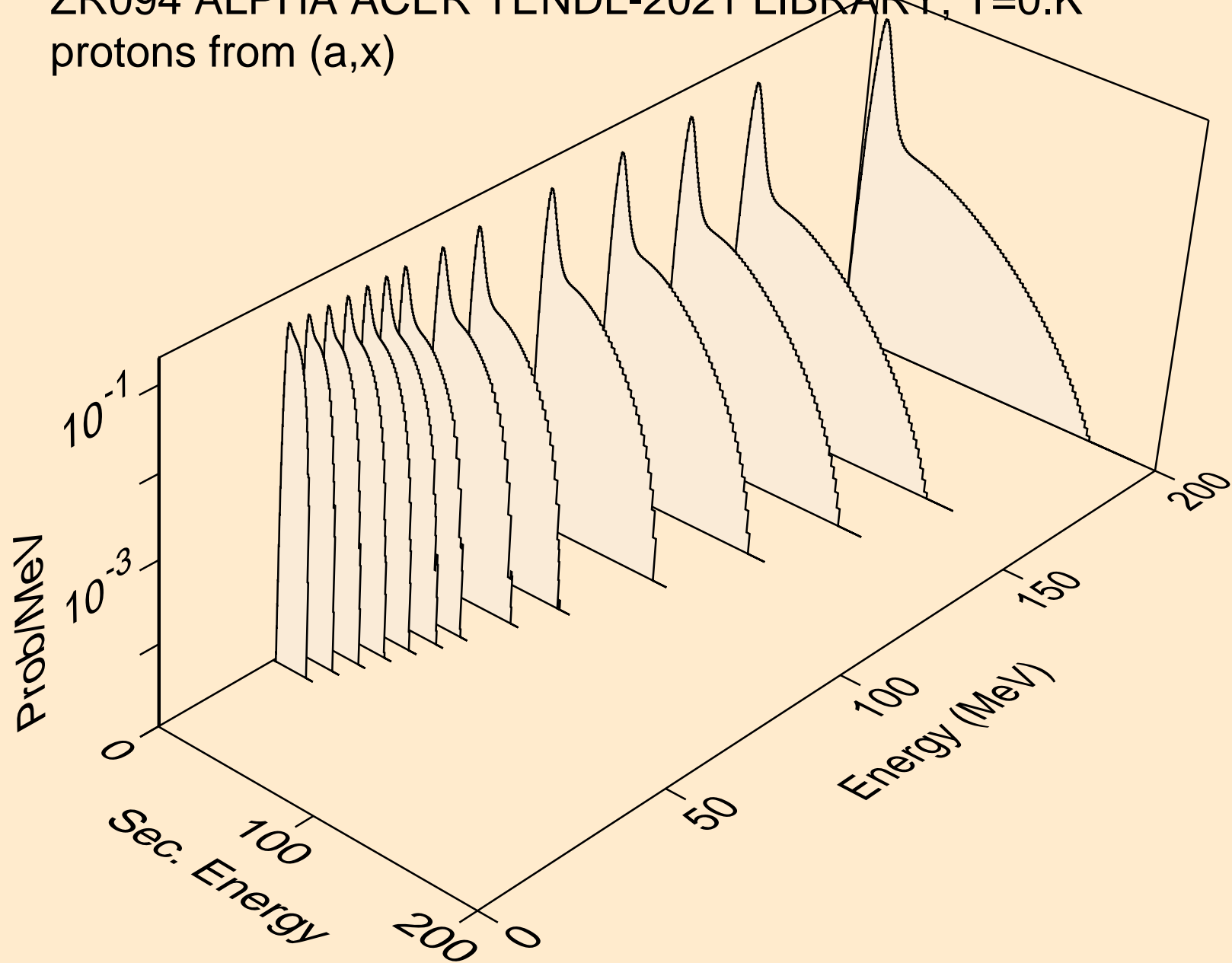
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

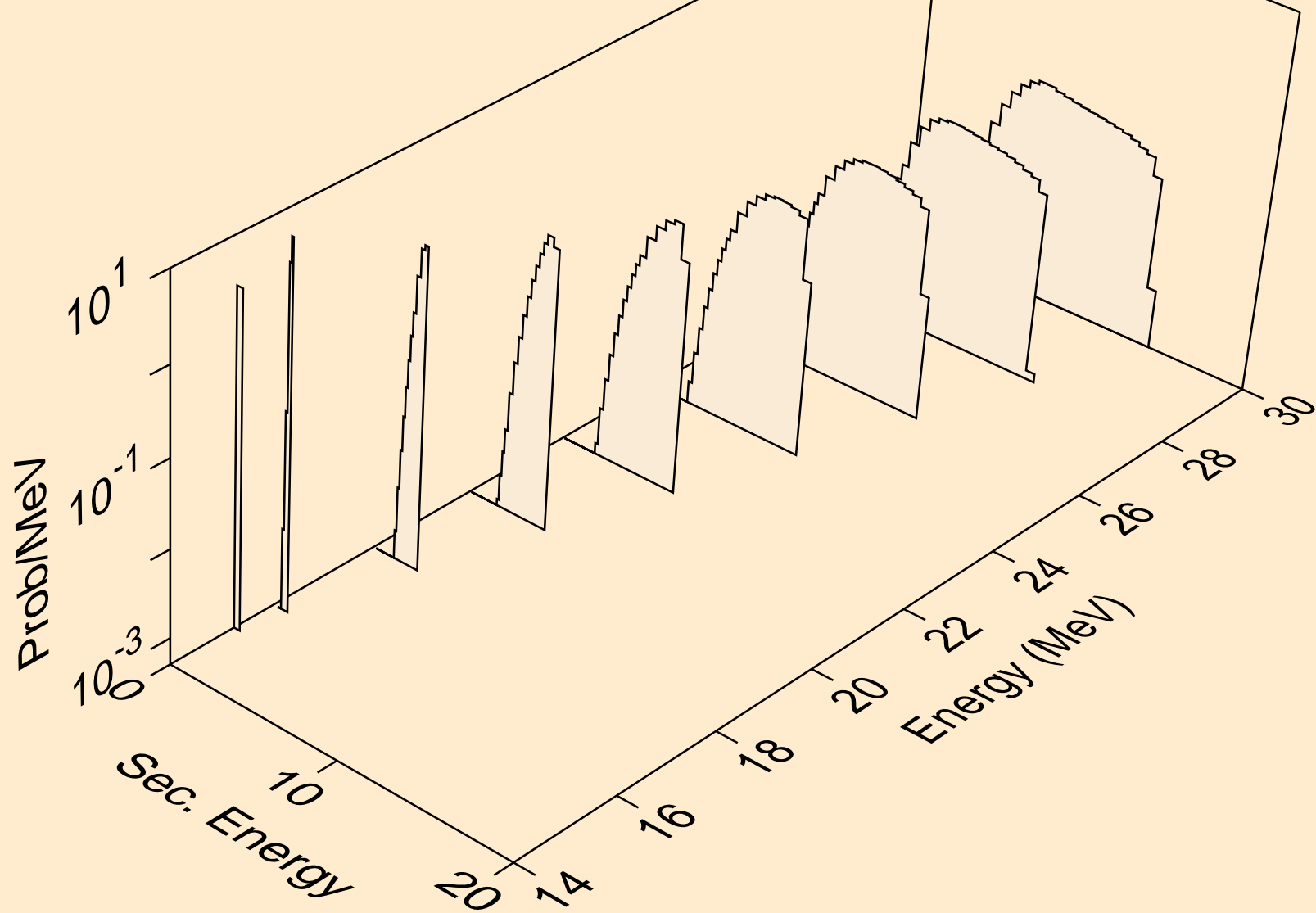


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protons from (a,x)

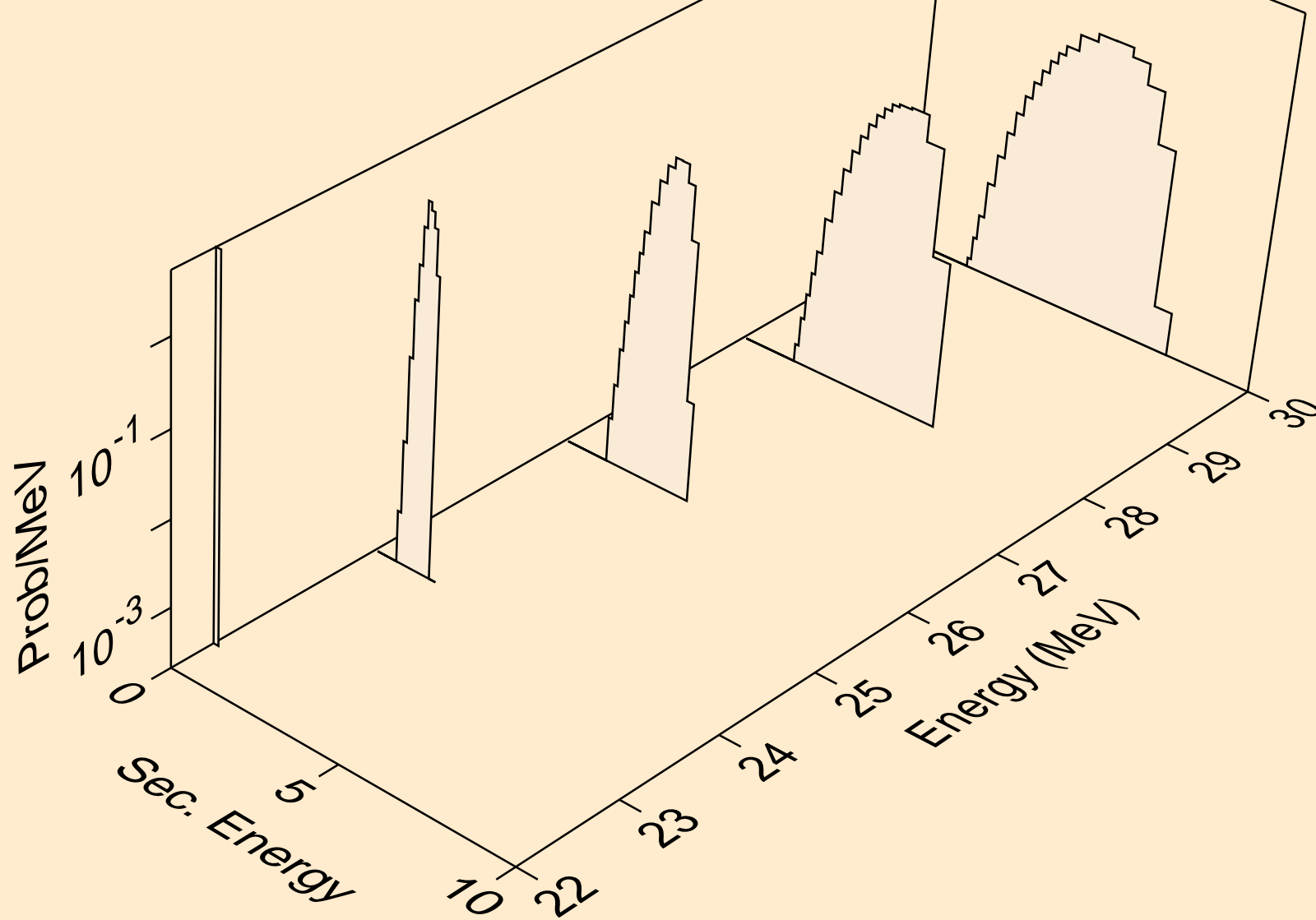




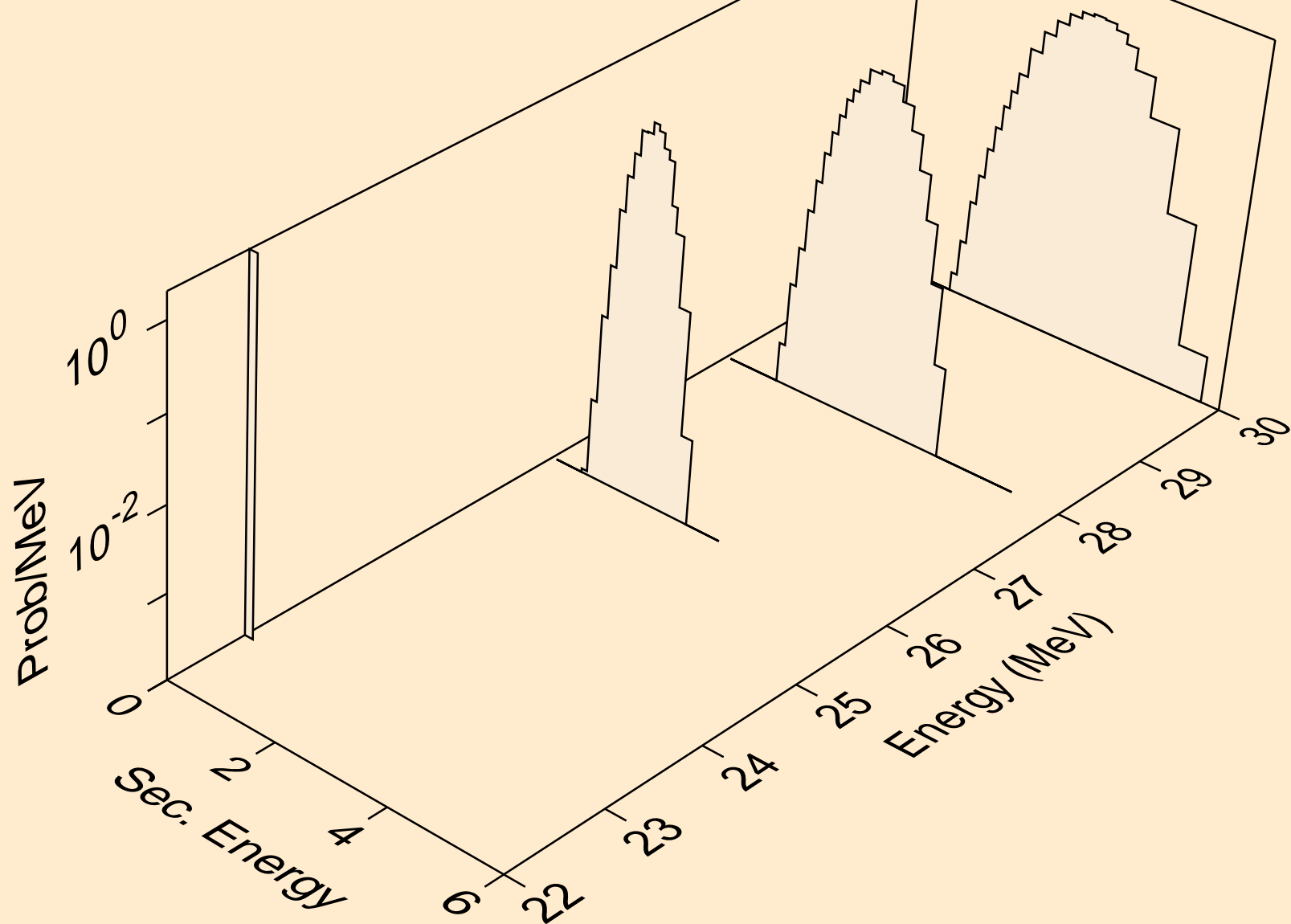
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



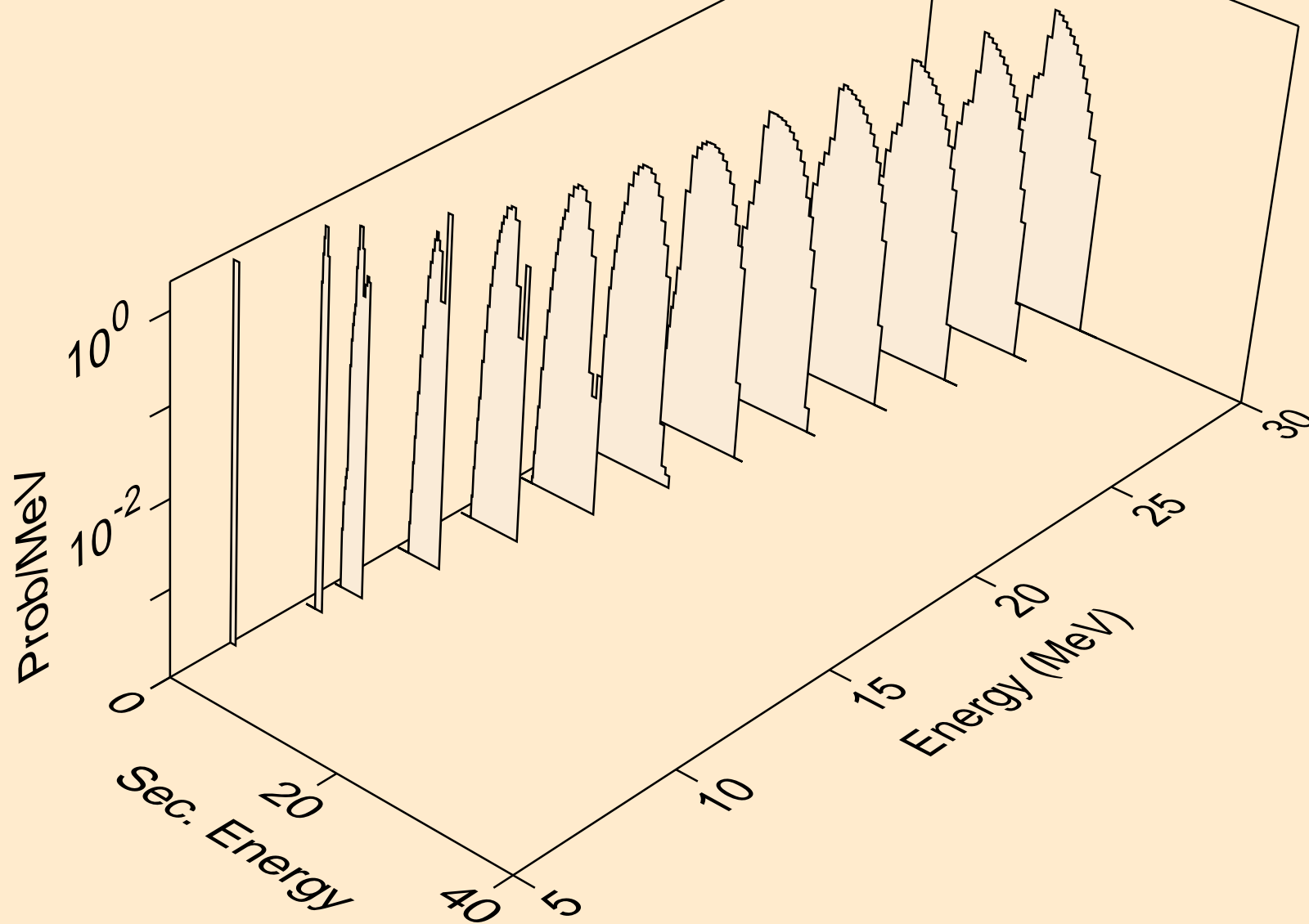
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protons from (a,2np)



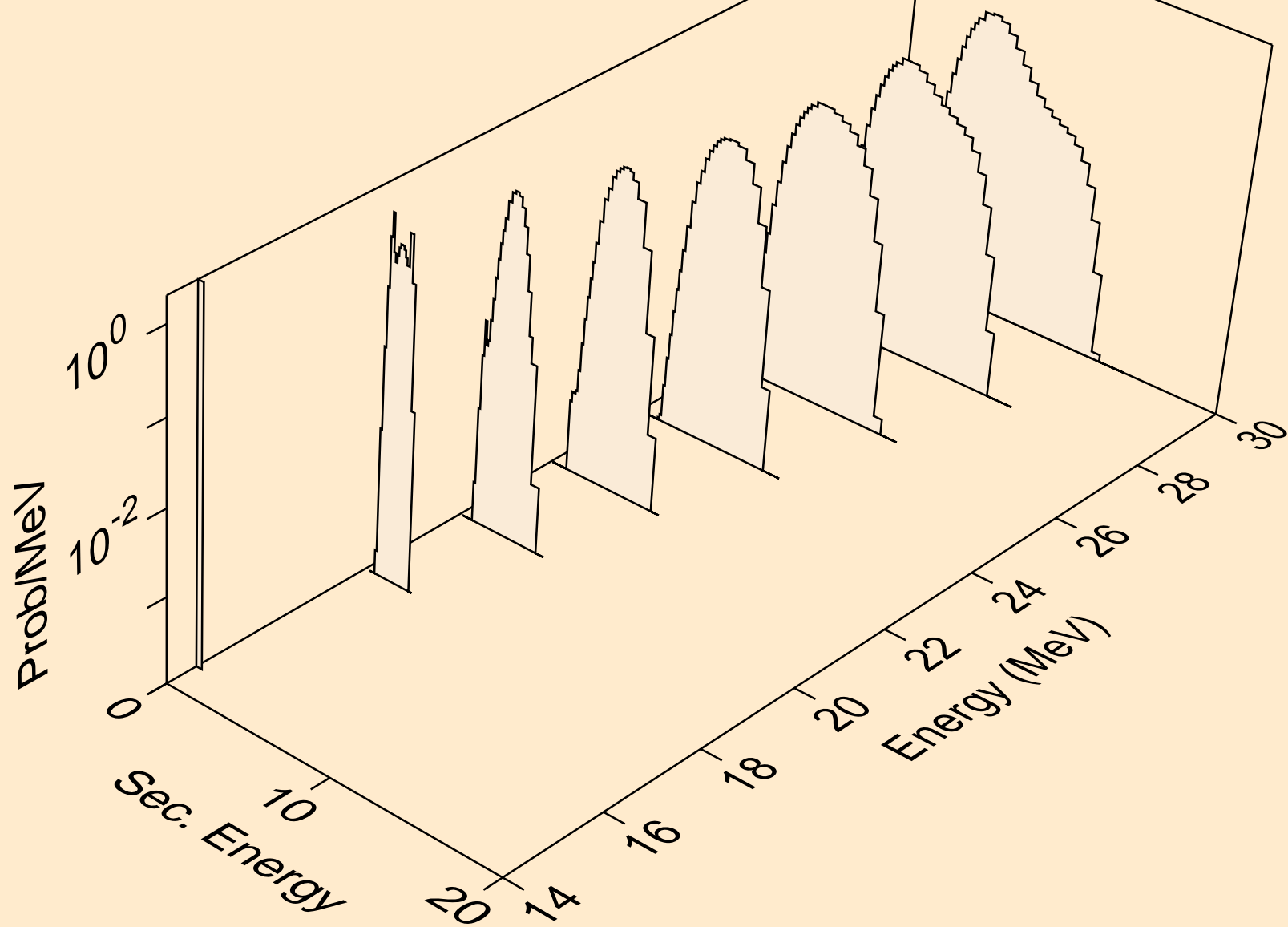
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protons from (a,2np)



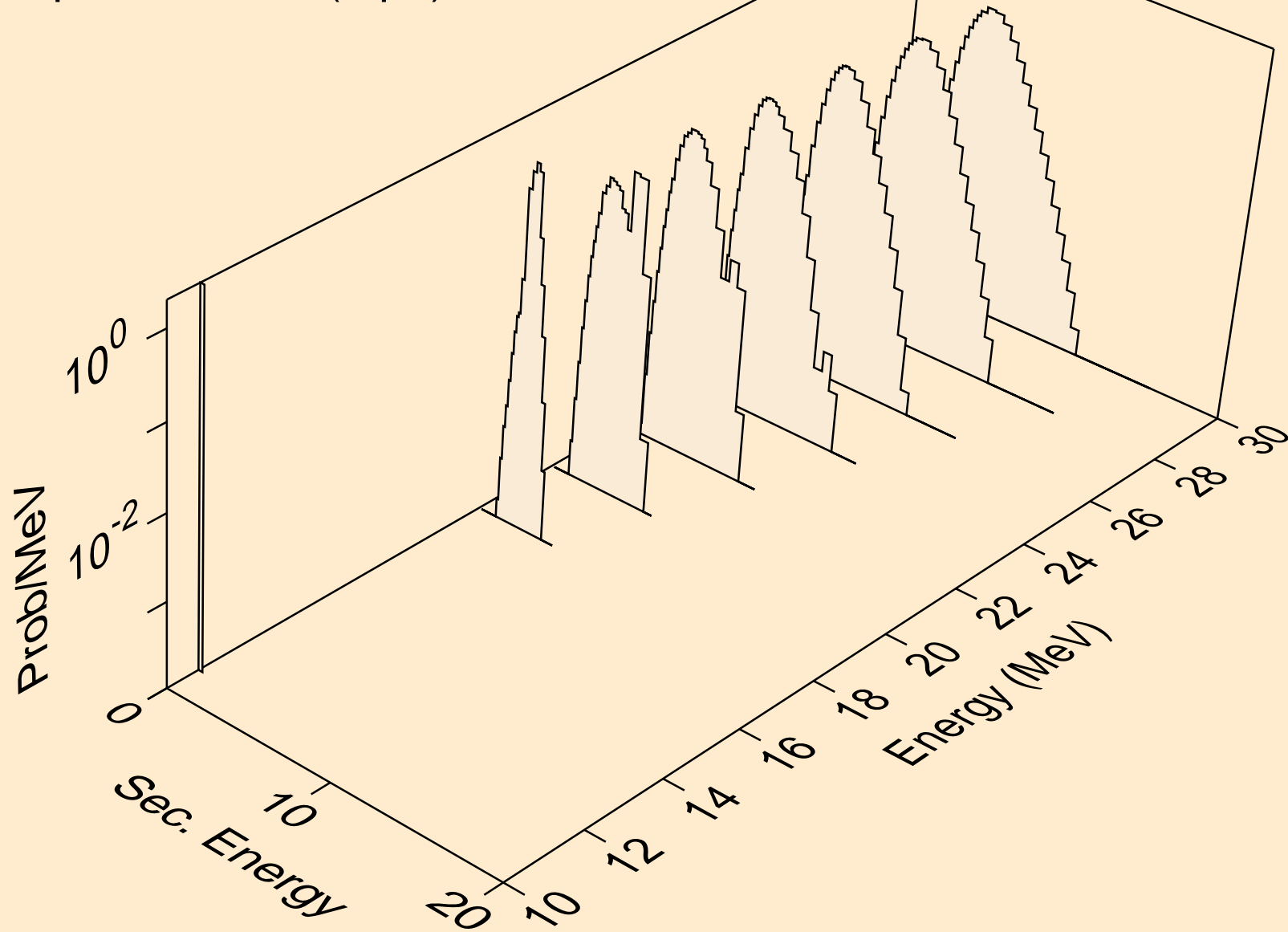
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protons from (a,p)



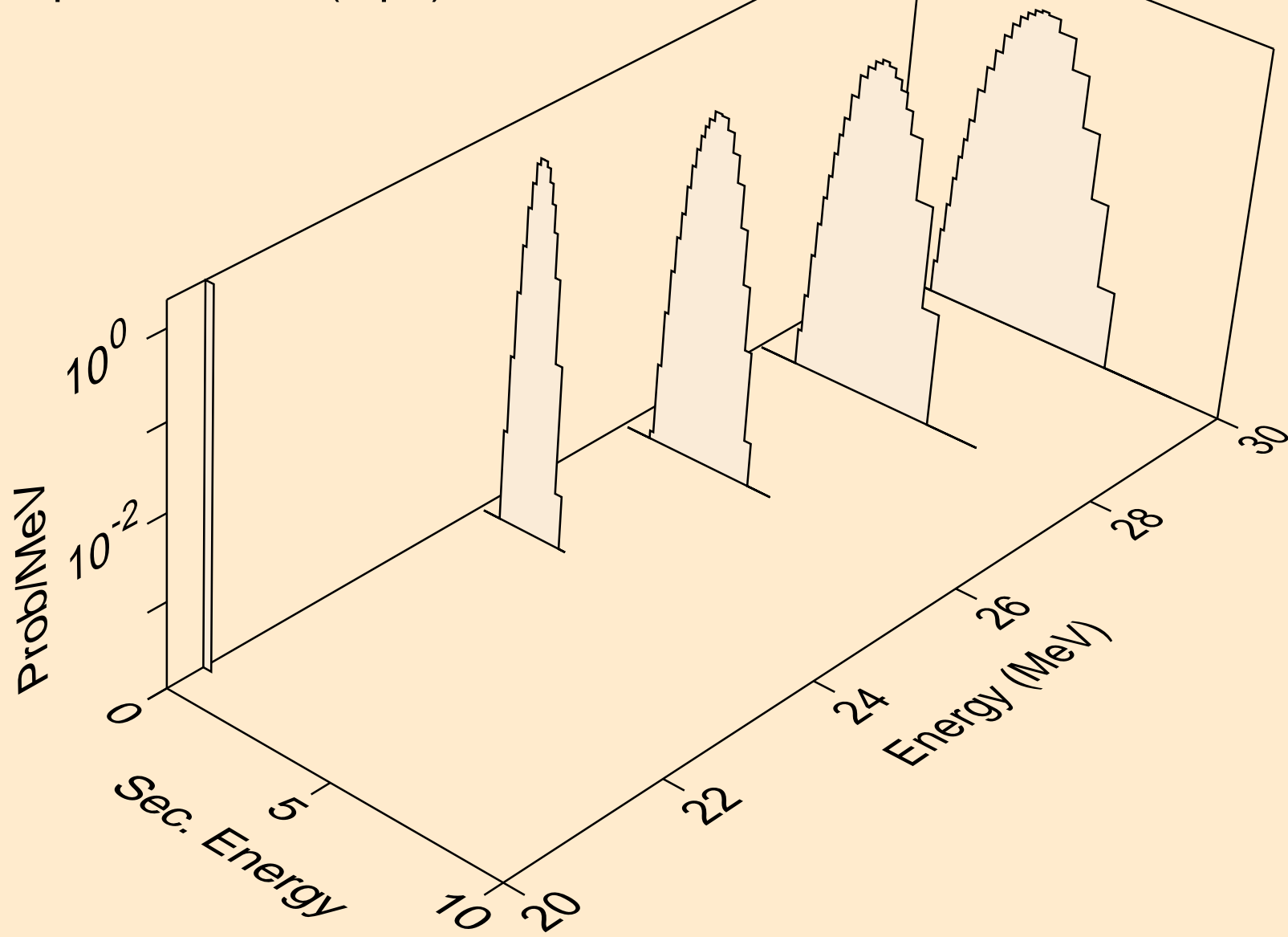
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protons from (a,2p)



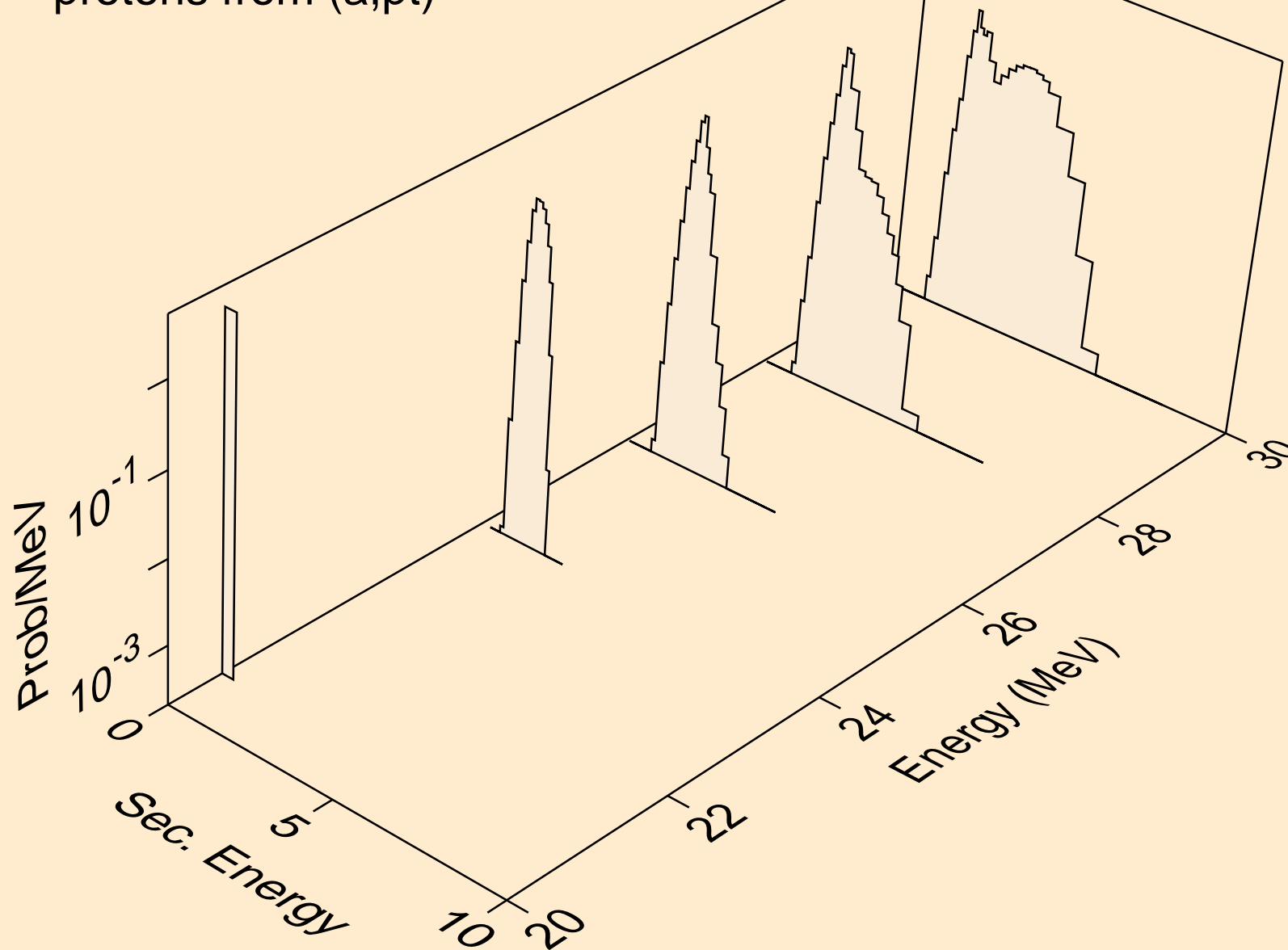
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



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protons from (a,pd)

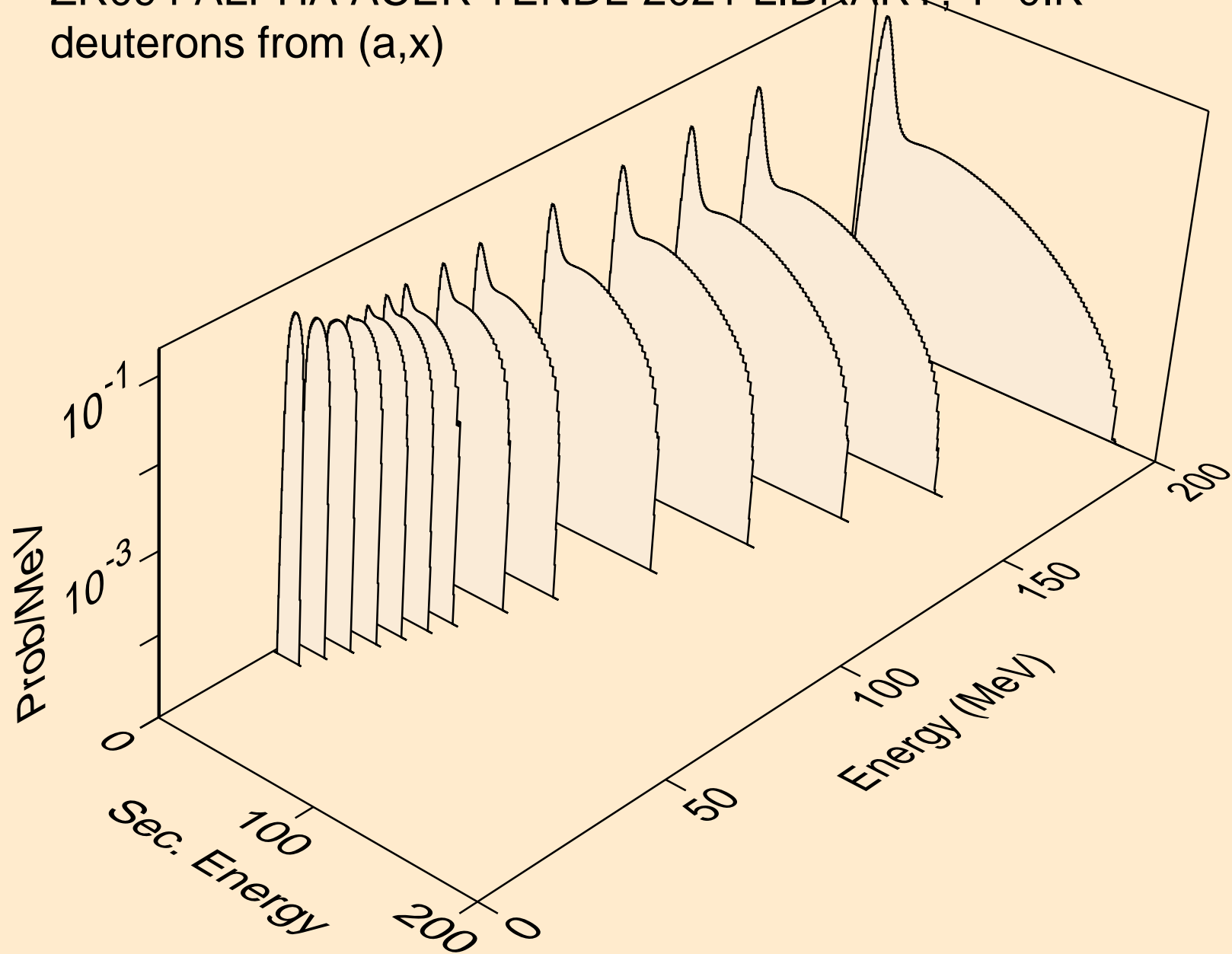


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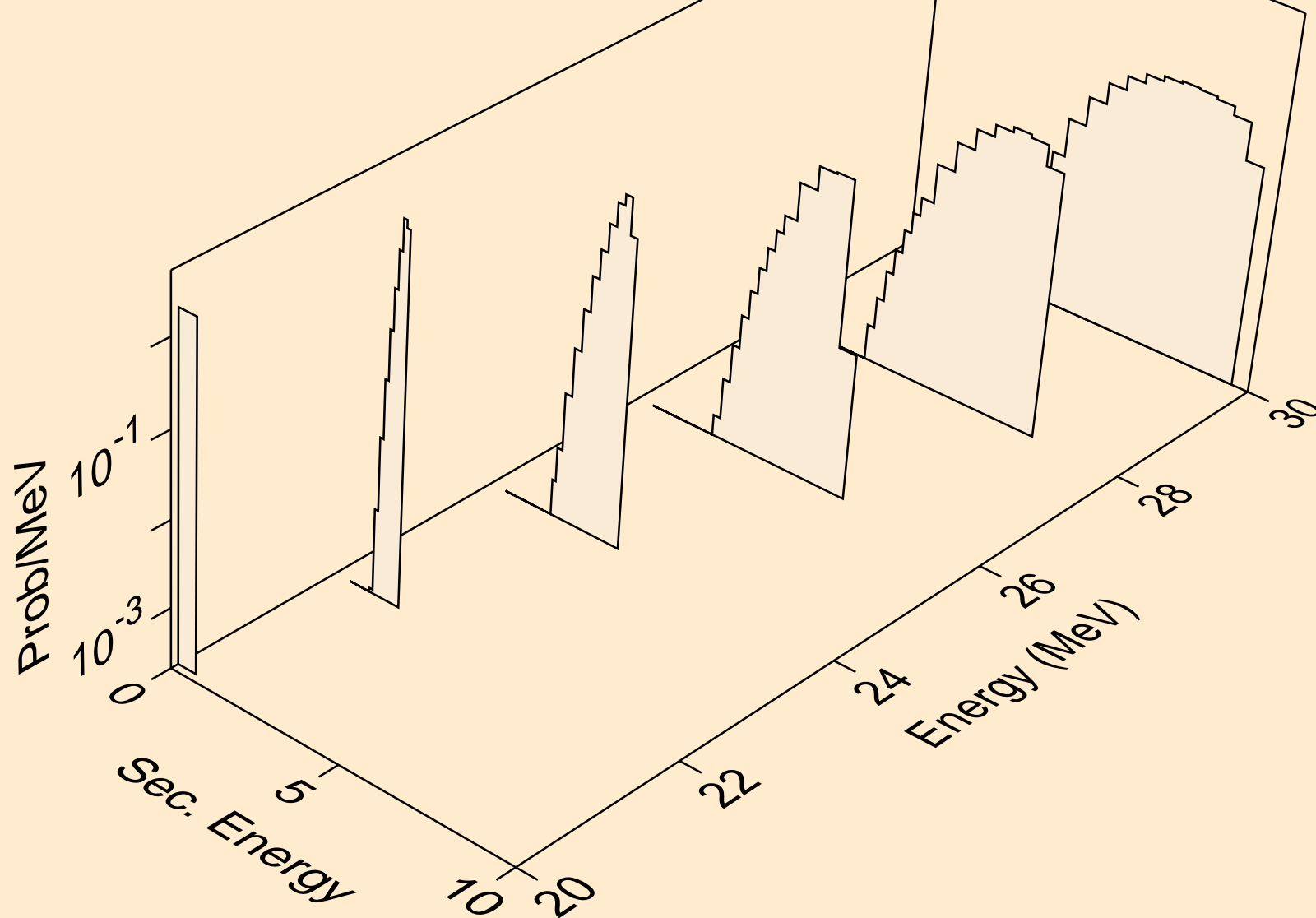




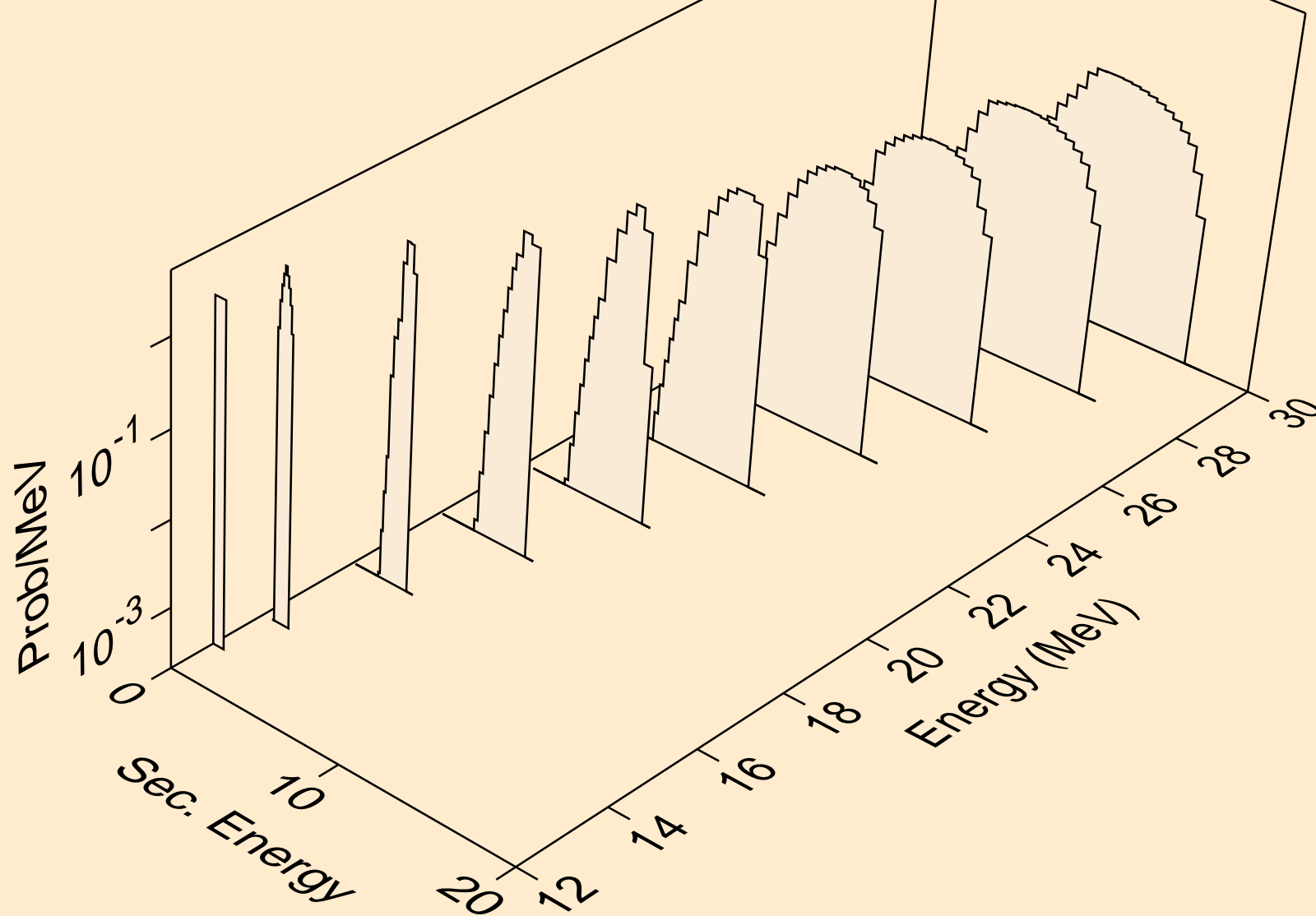
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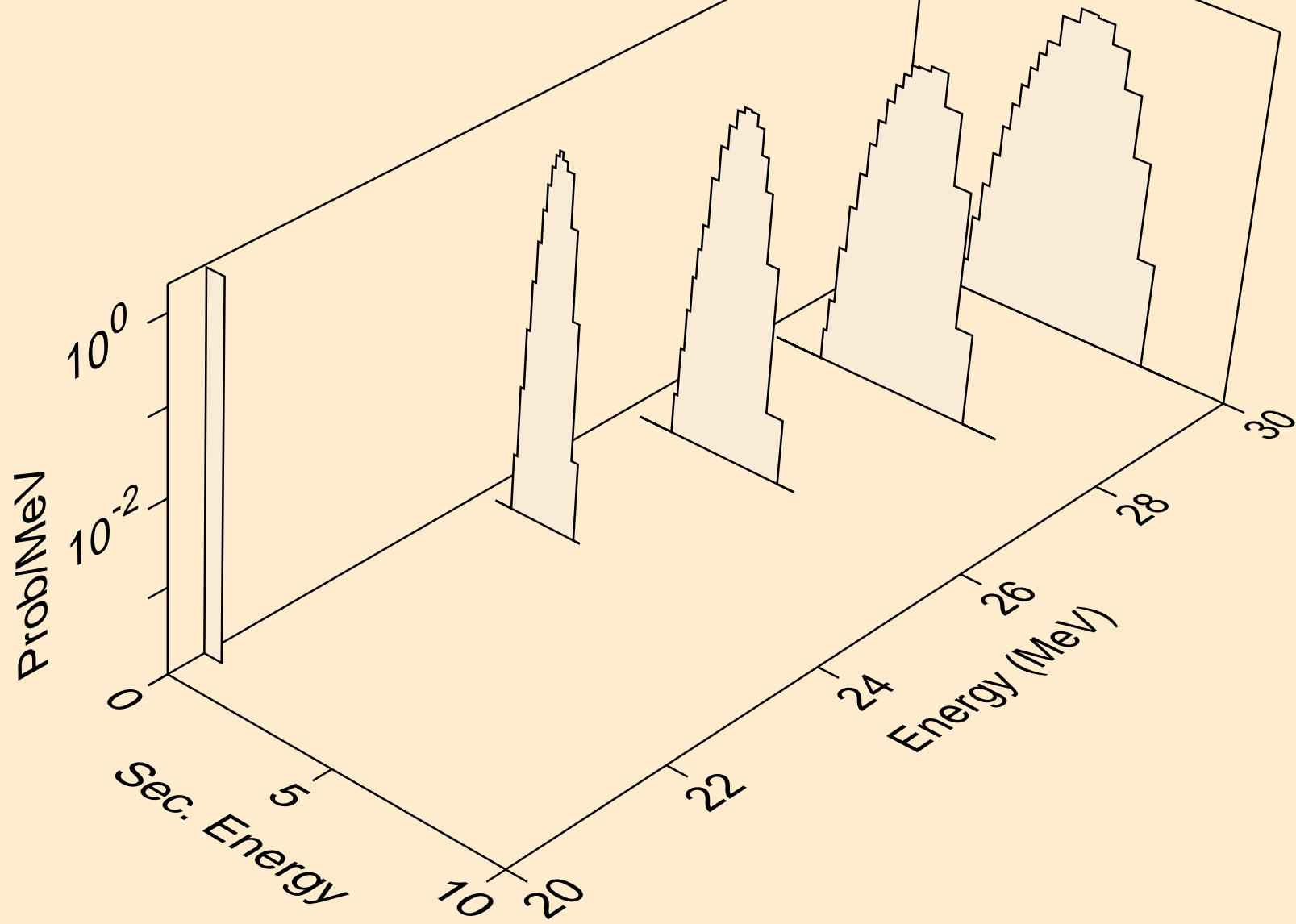
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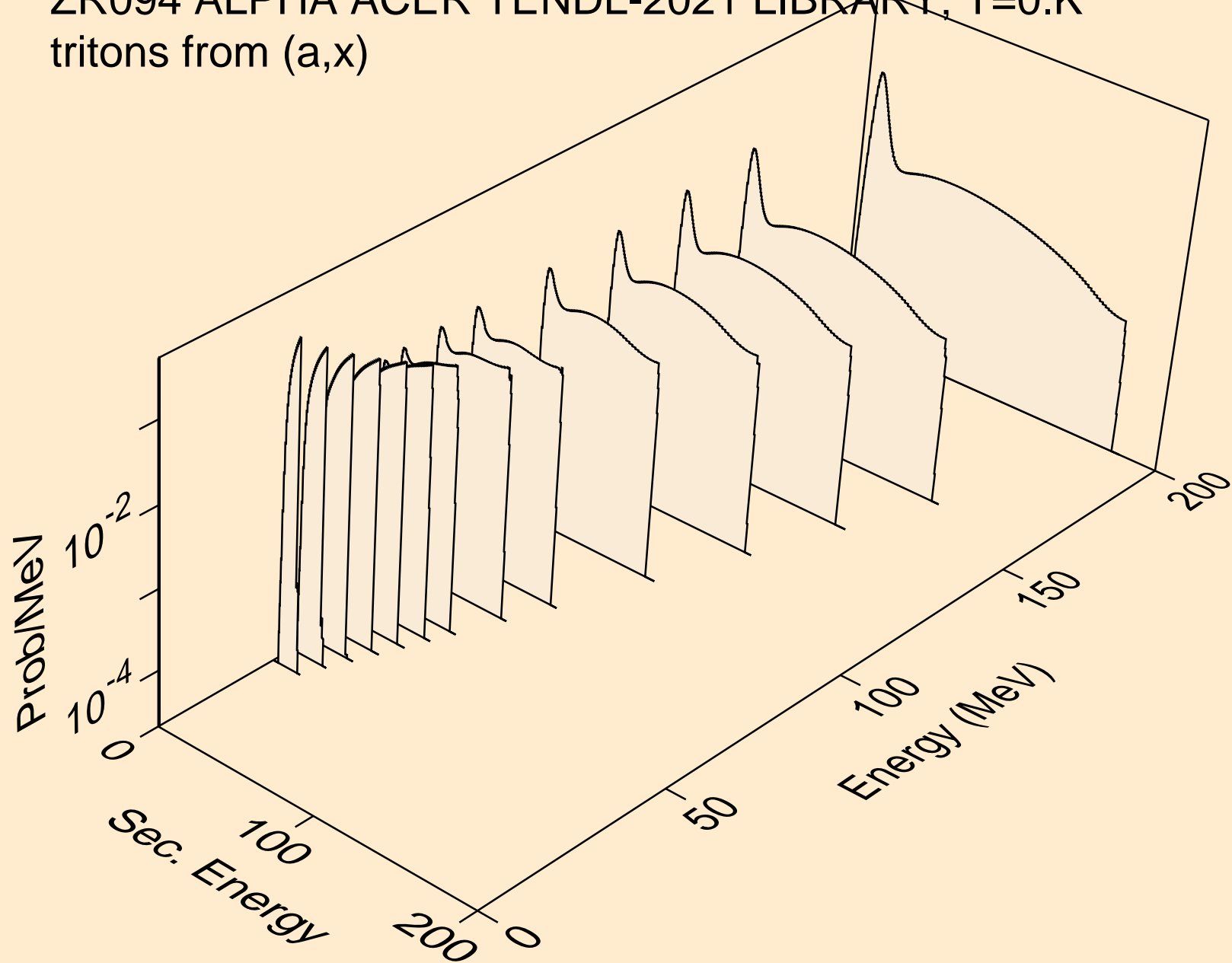
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



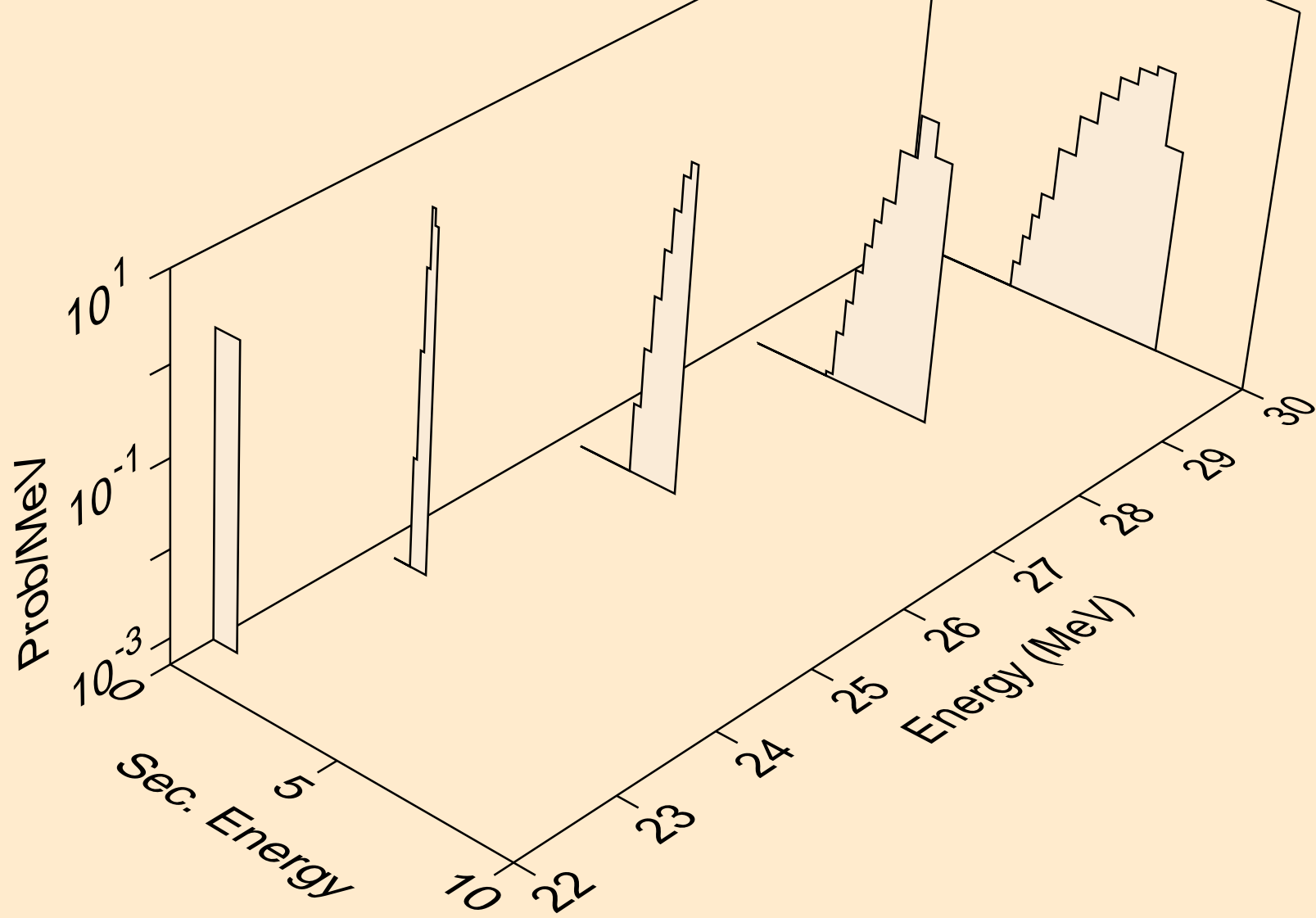
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



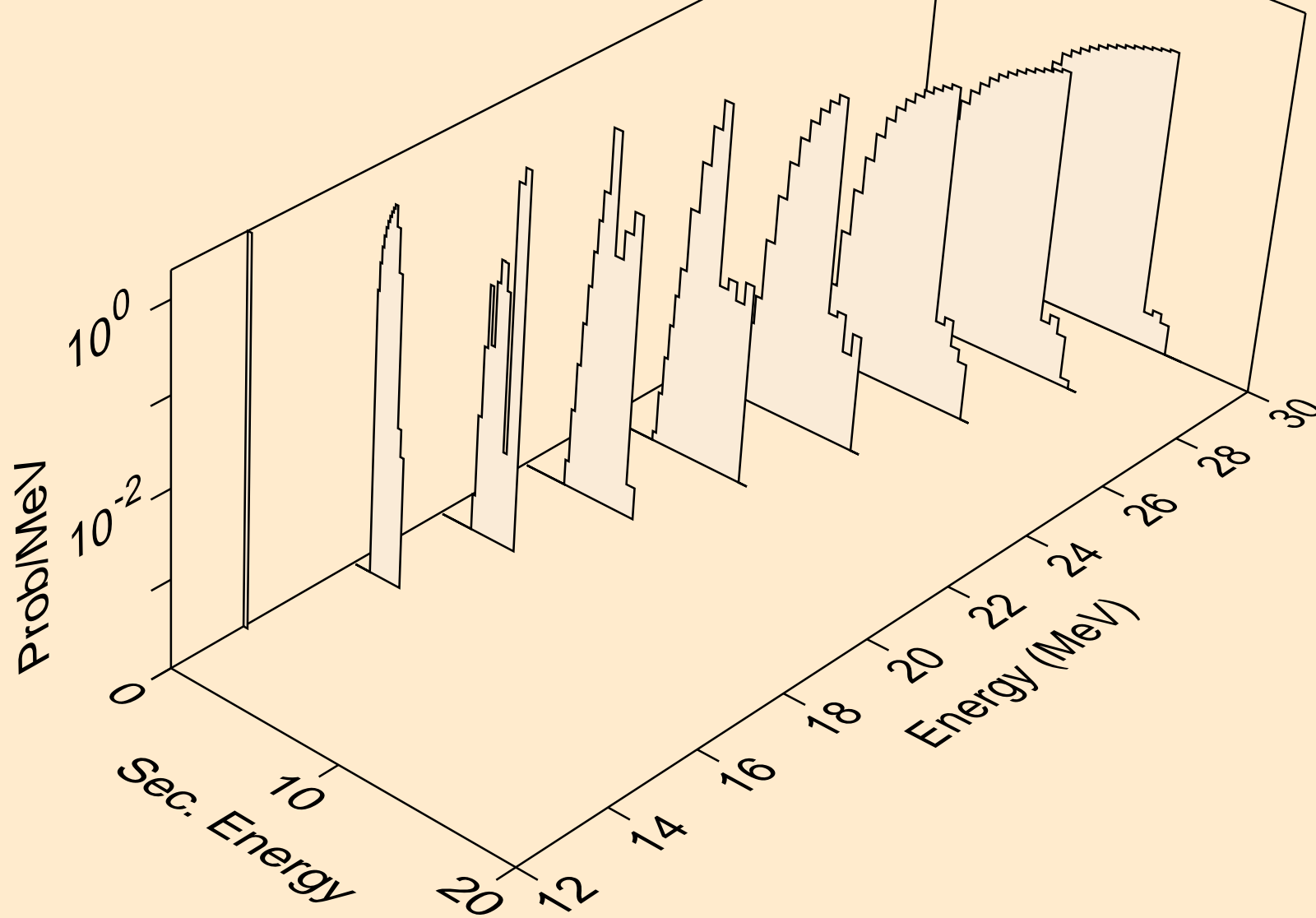
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



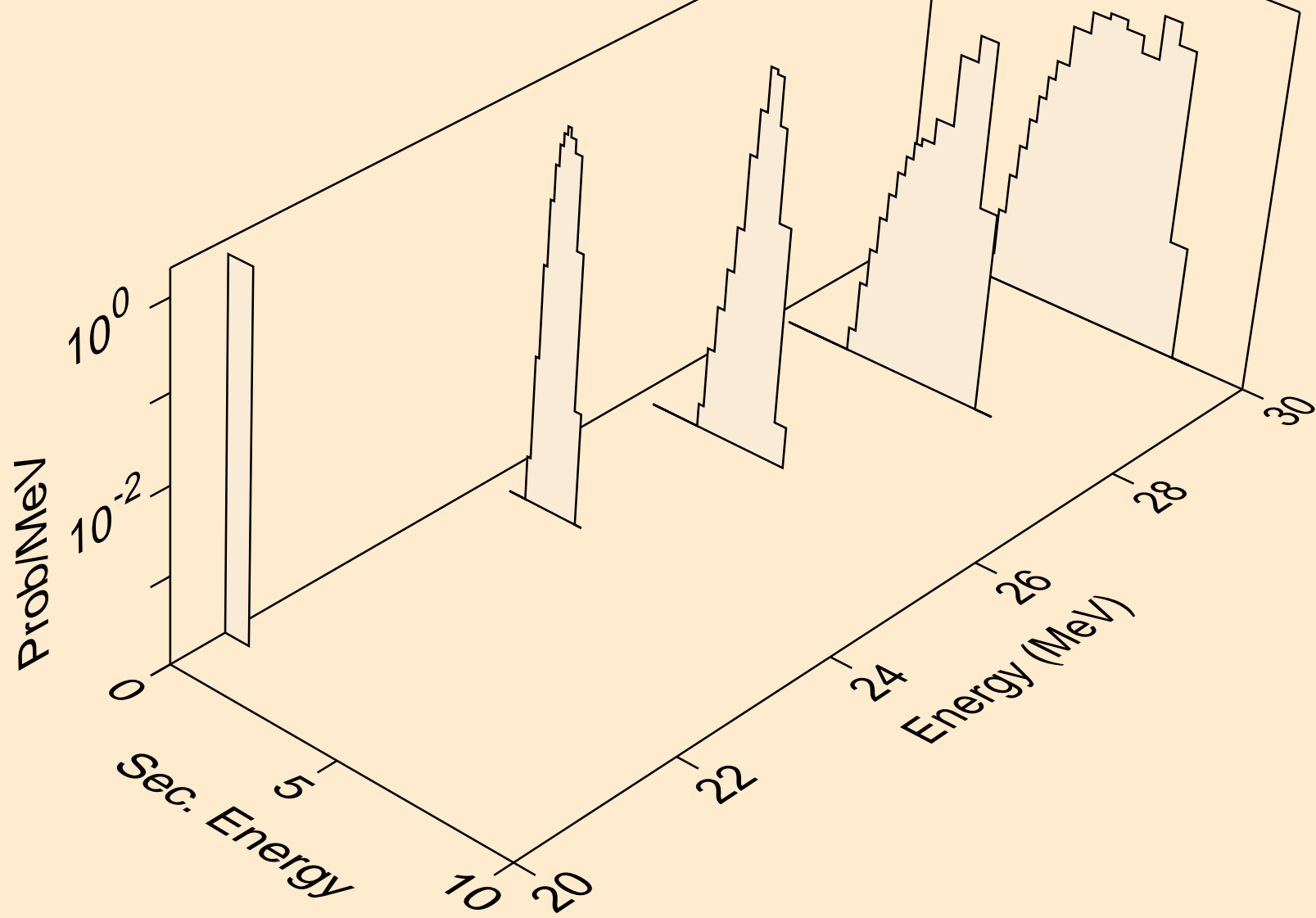
ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

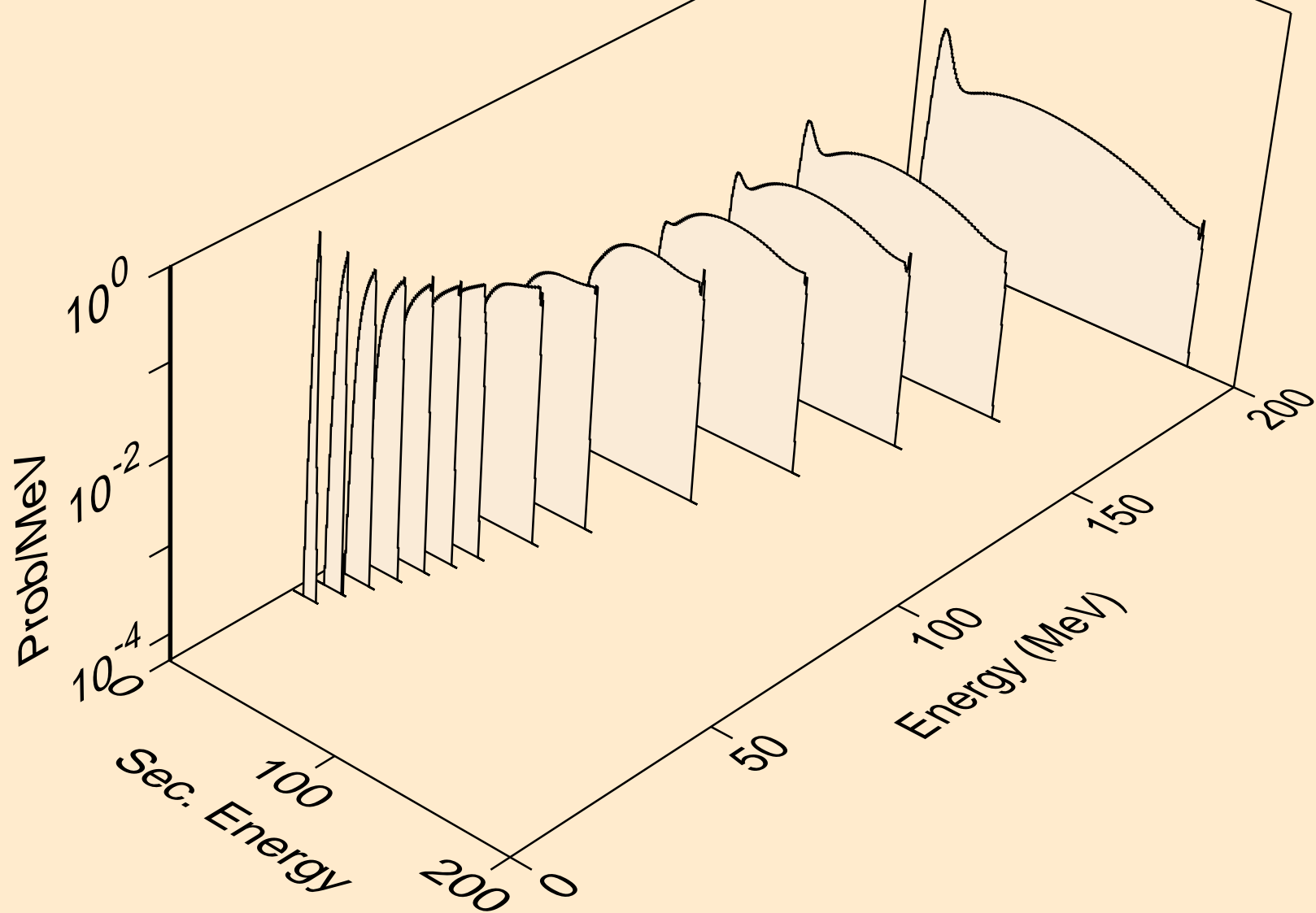


ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

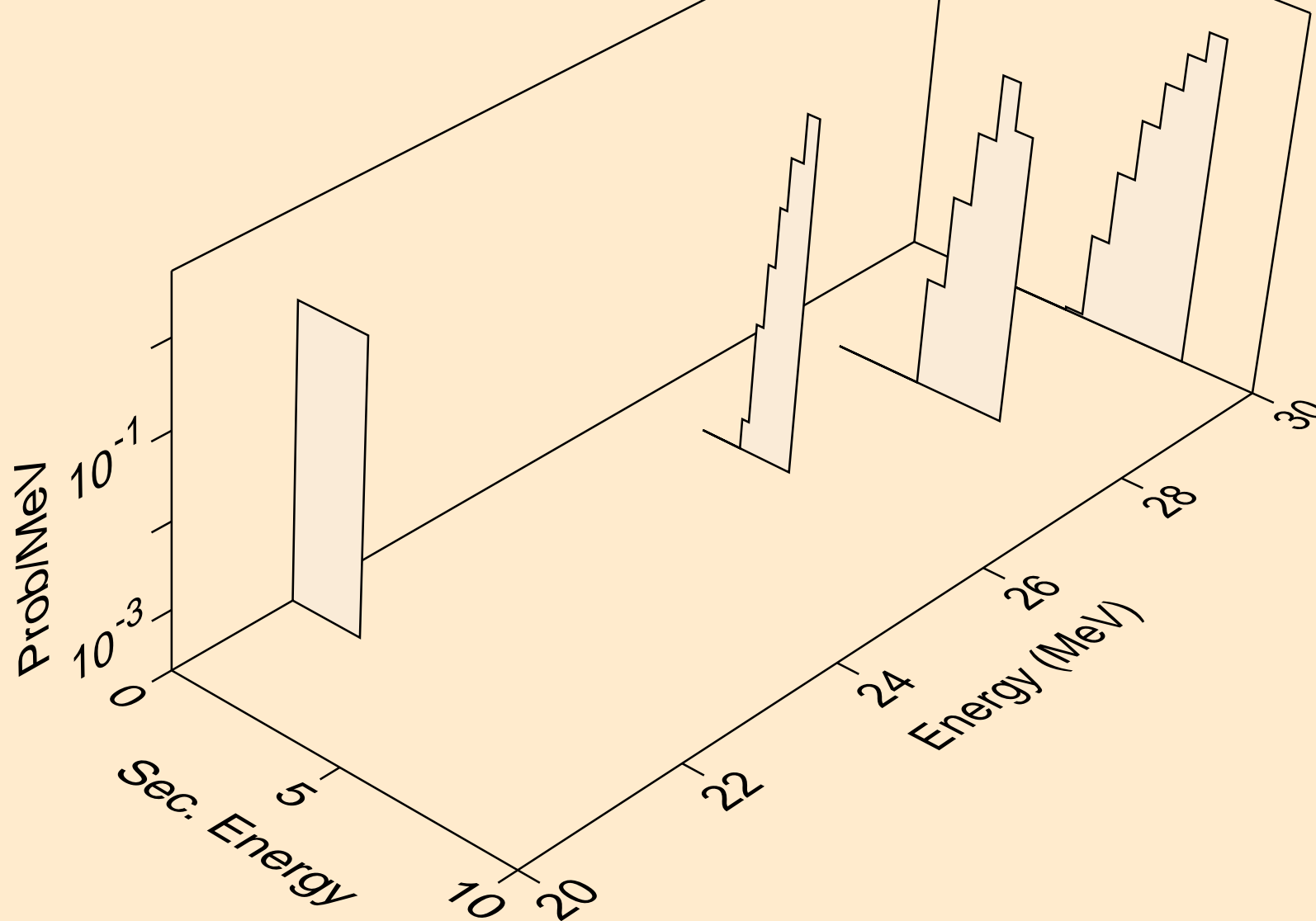




ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



ZR094 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

