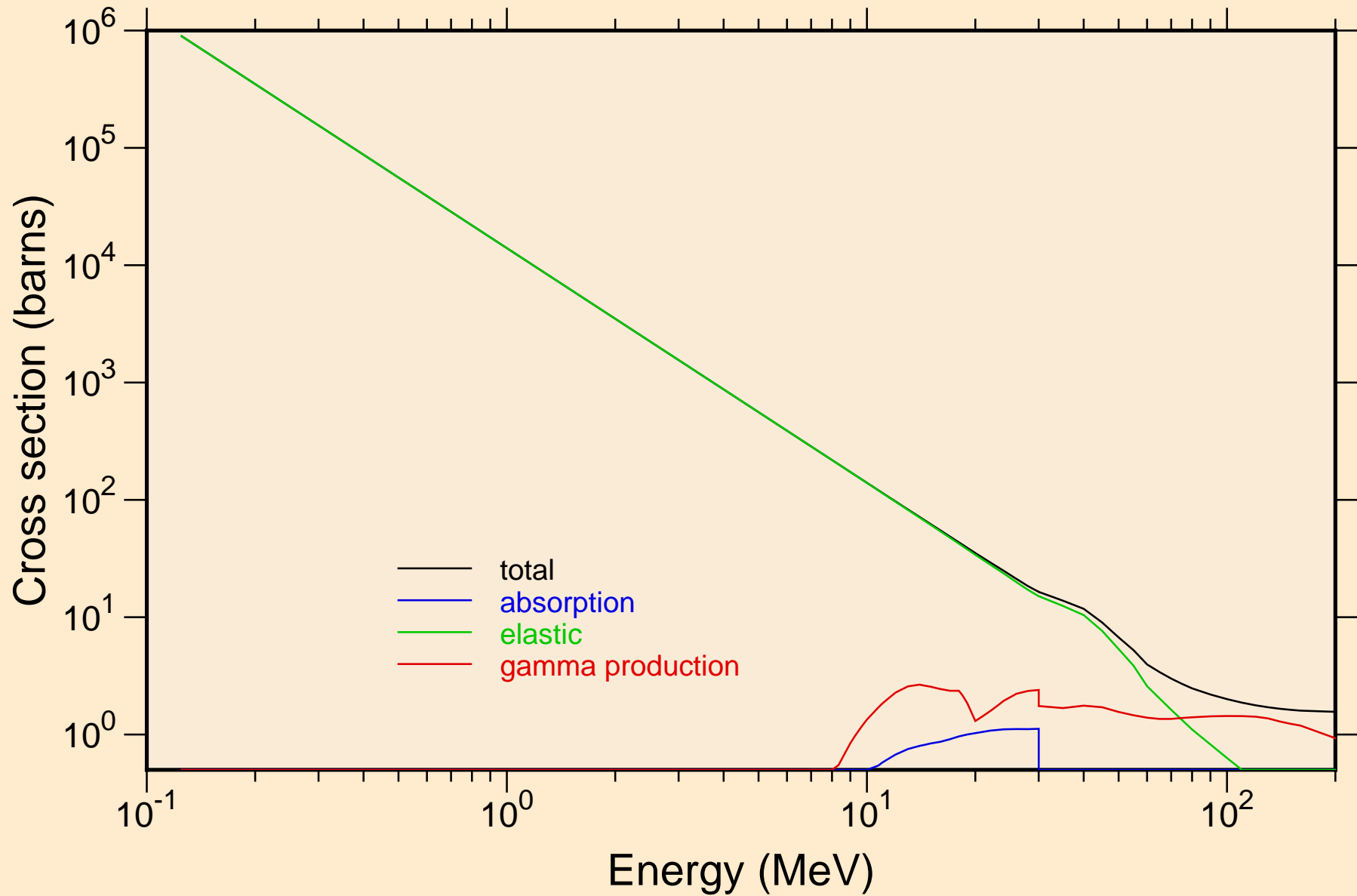
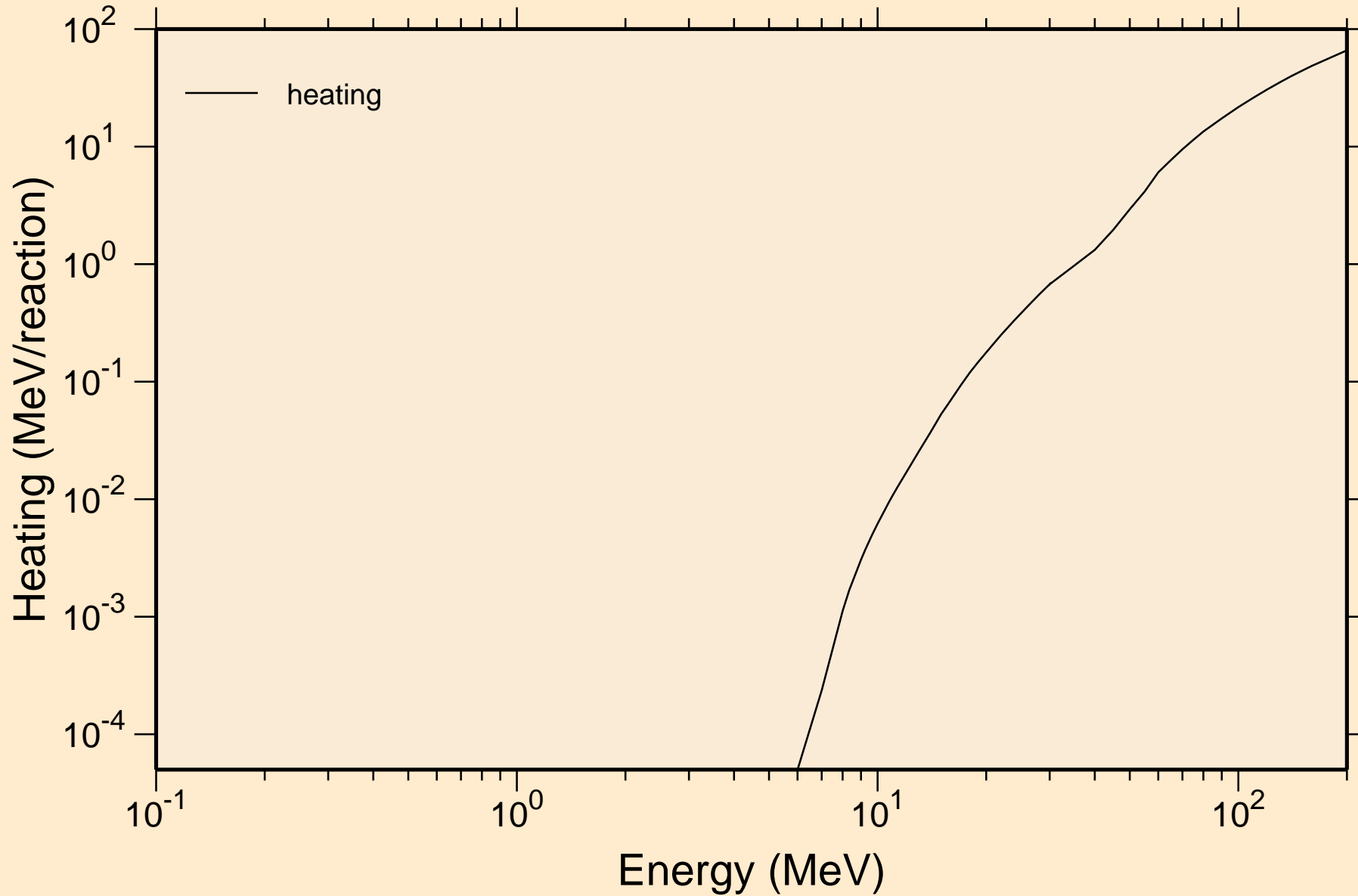


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



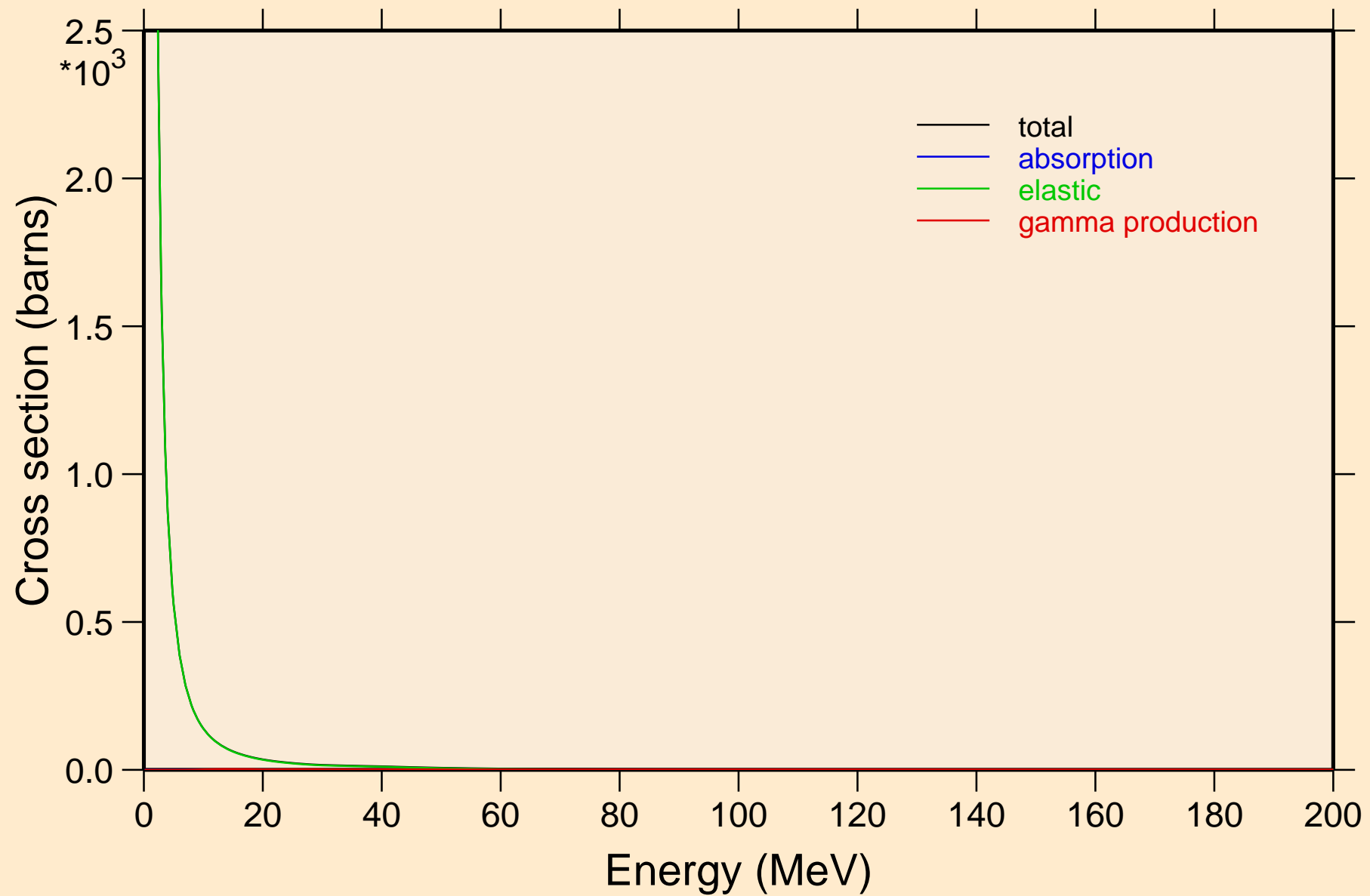
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



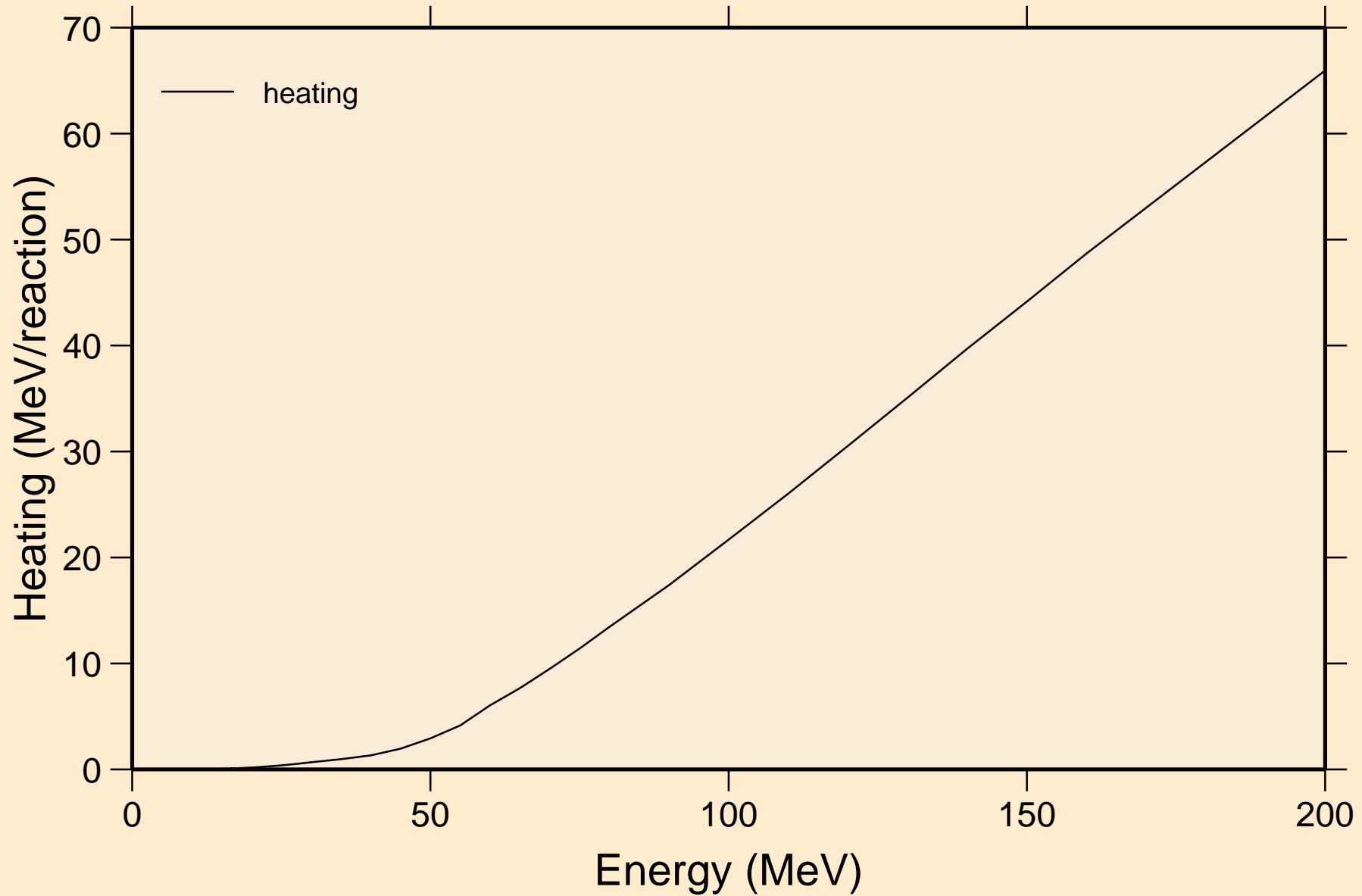
# TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

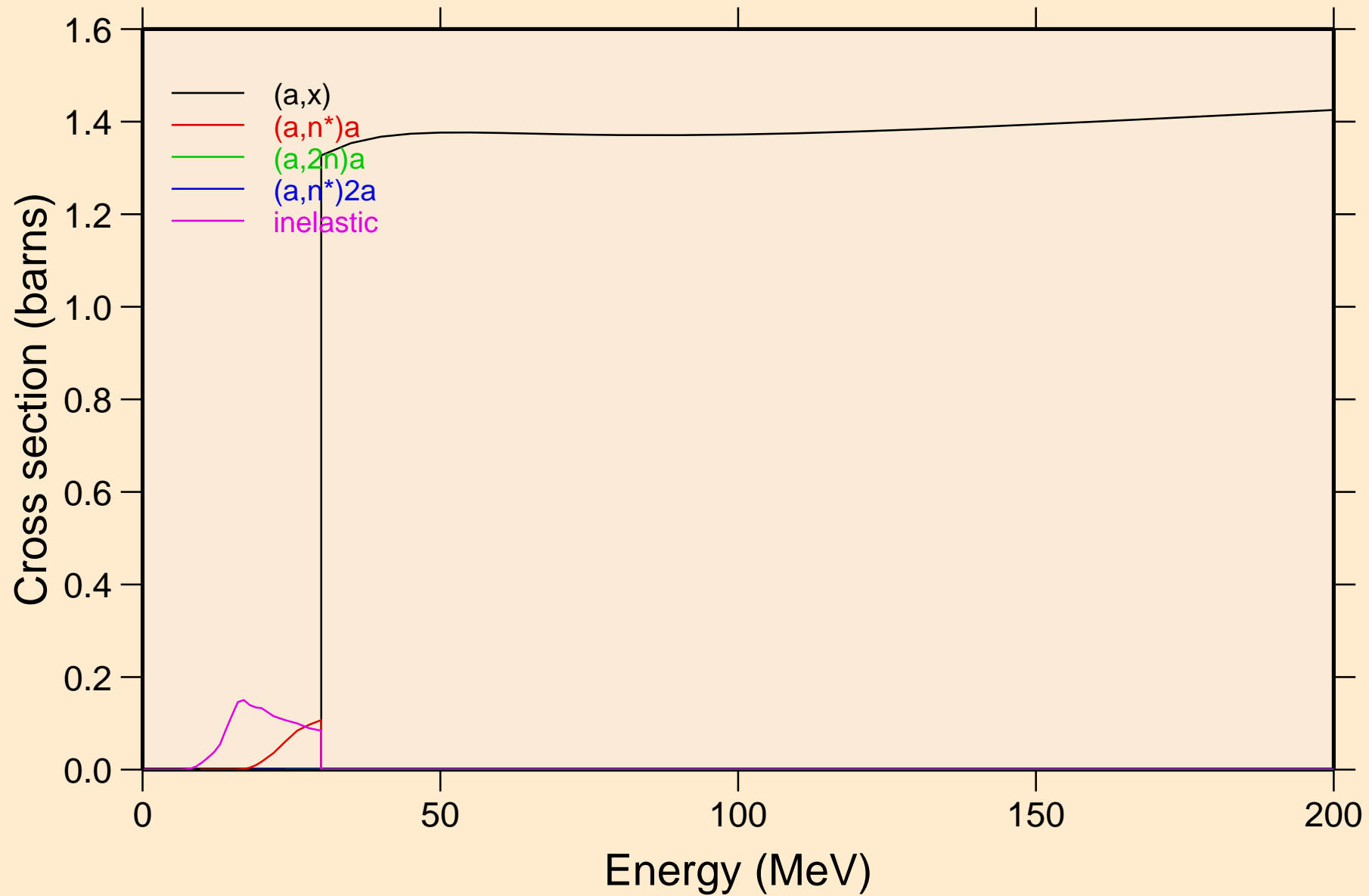


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

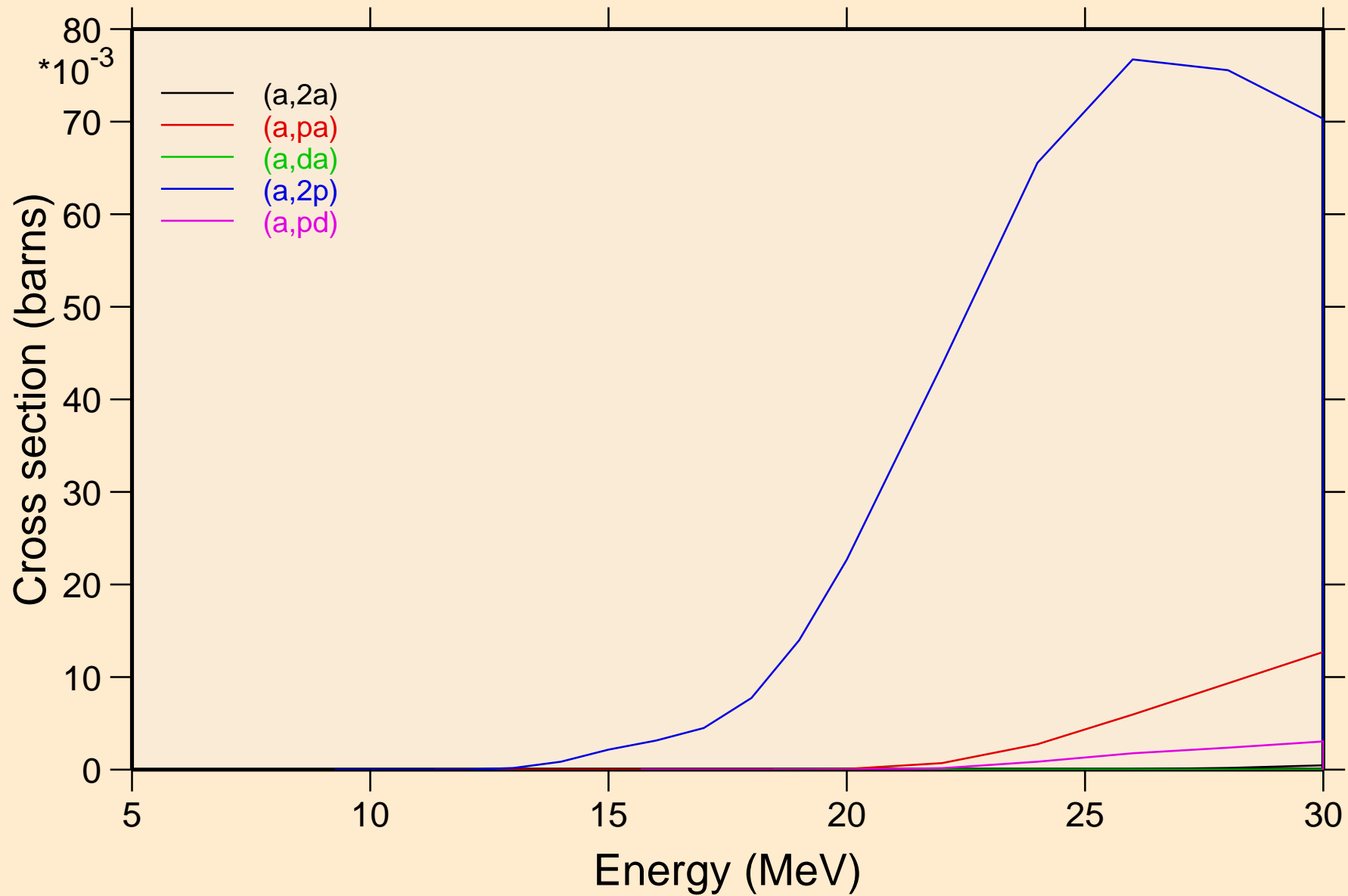
Heating



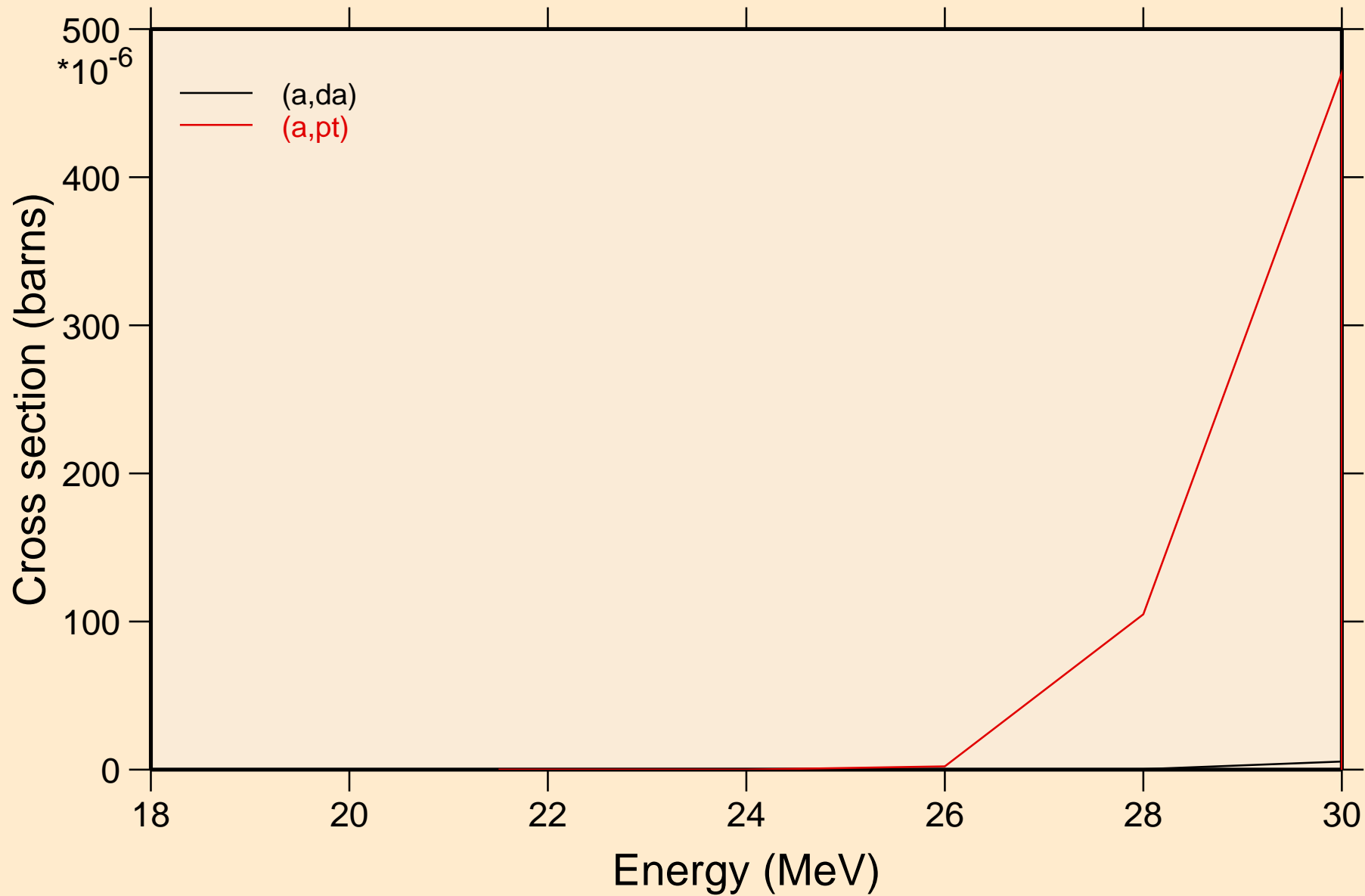
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Threshold reactions



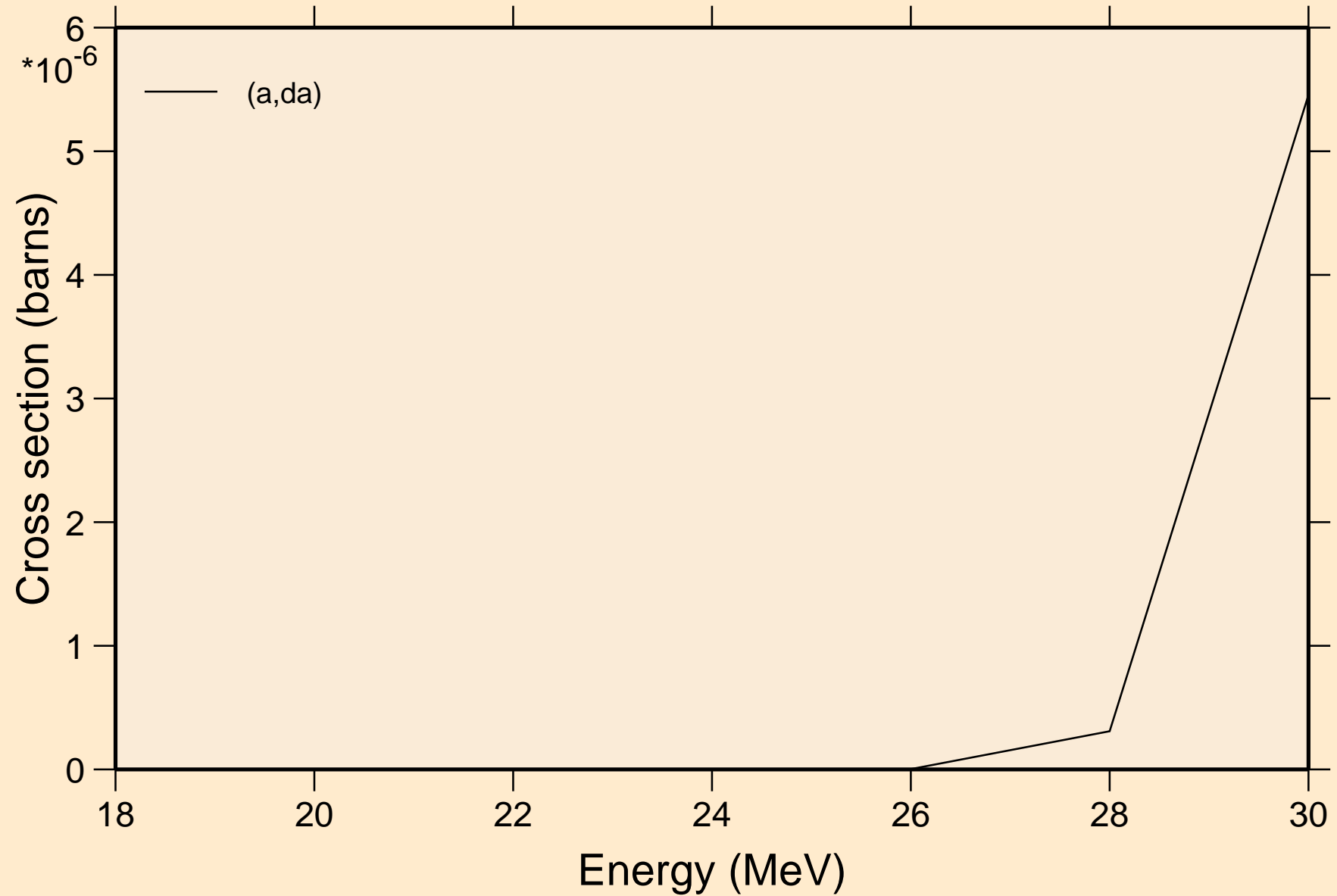
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

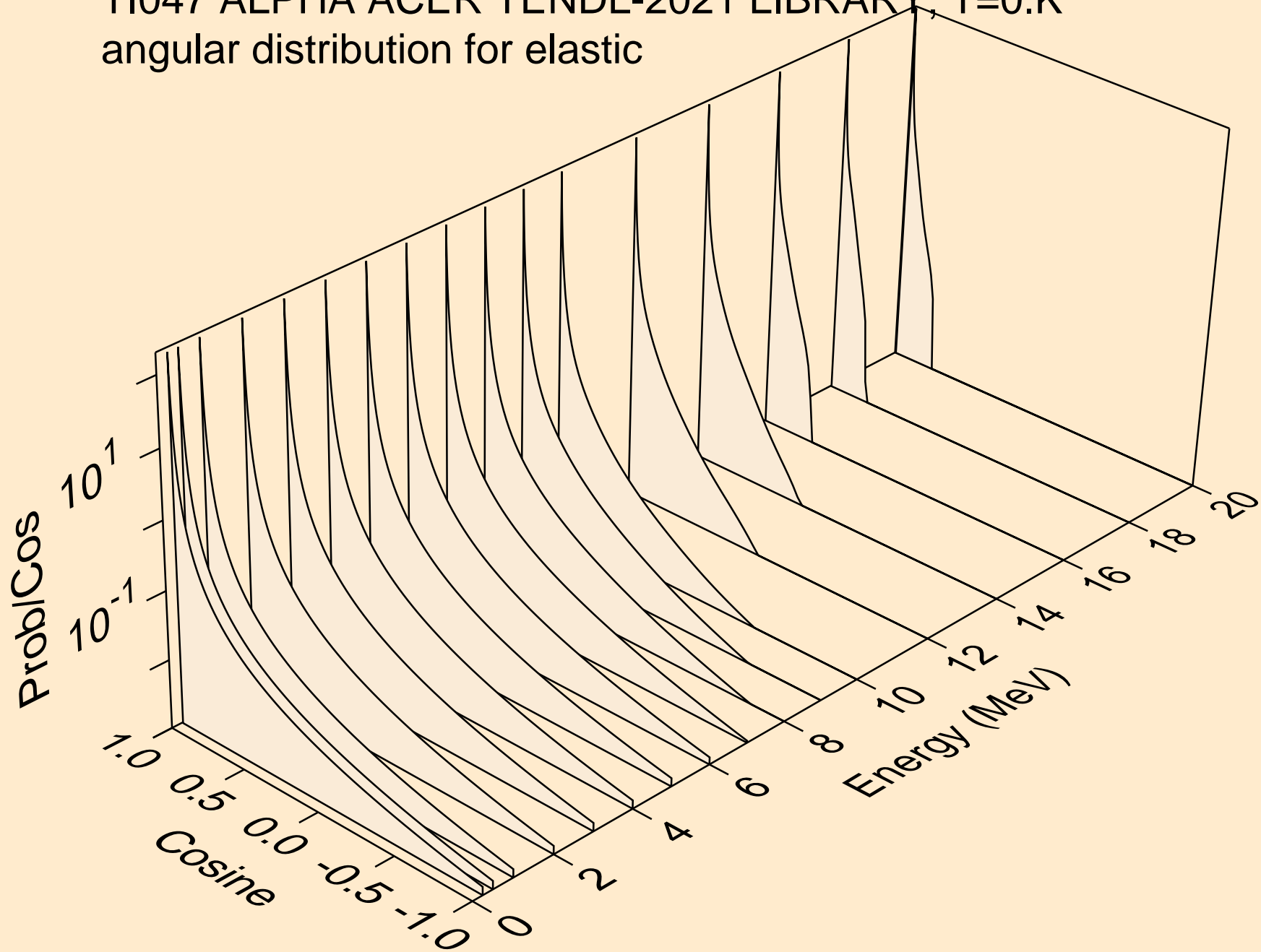


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

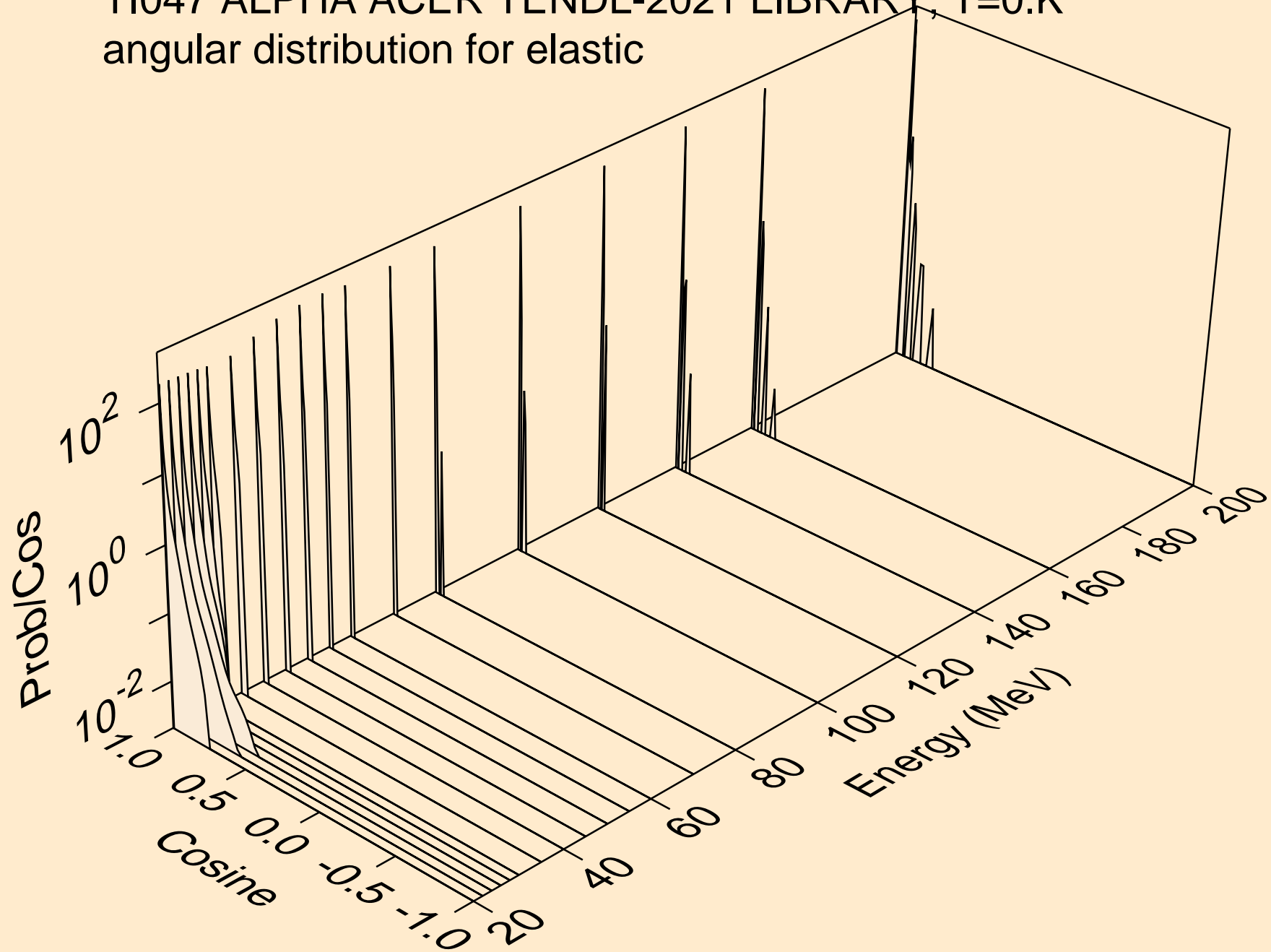




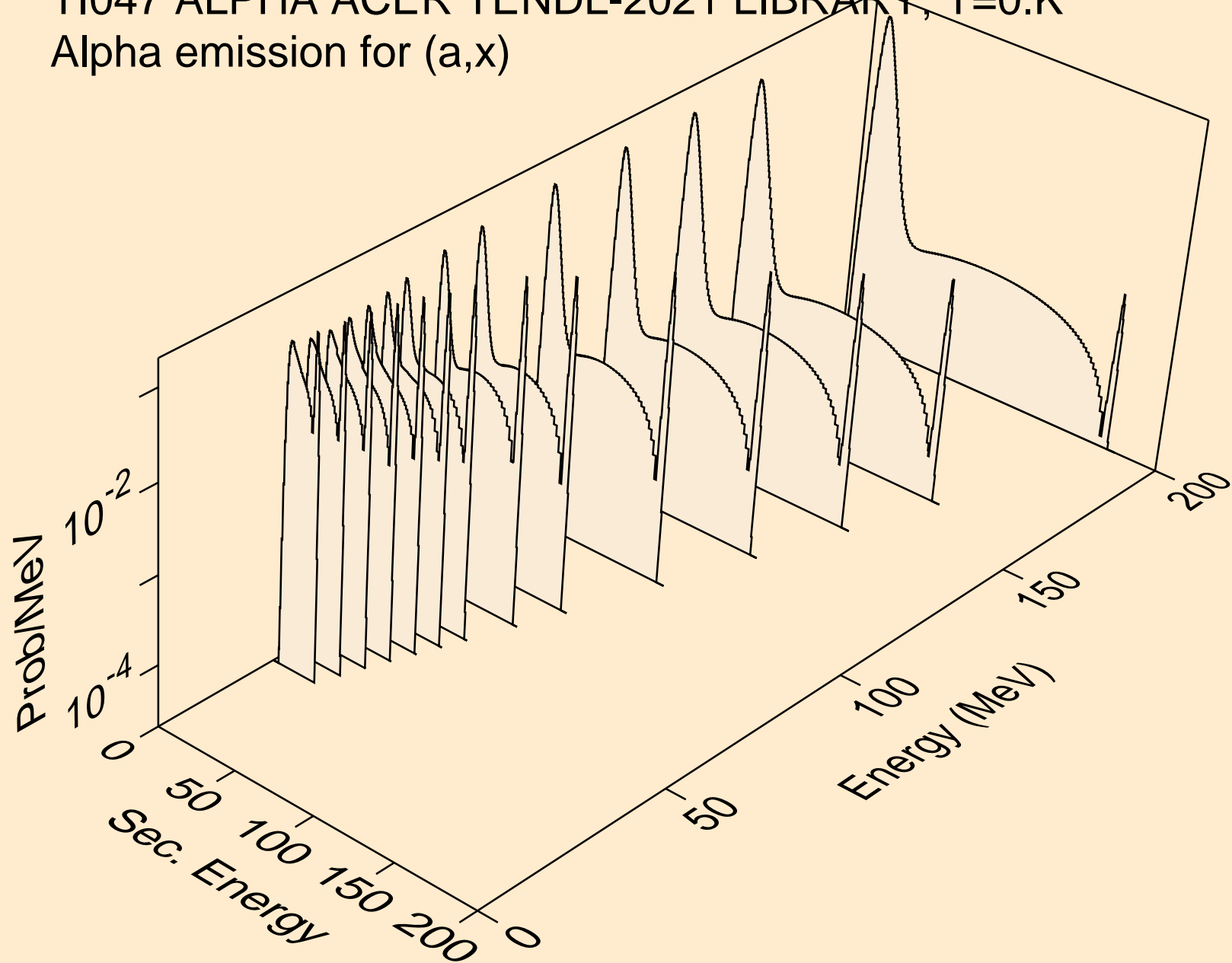
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angular distribution for elastic



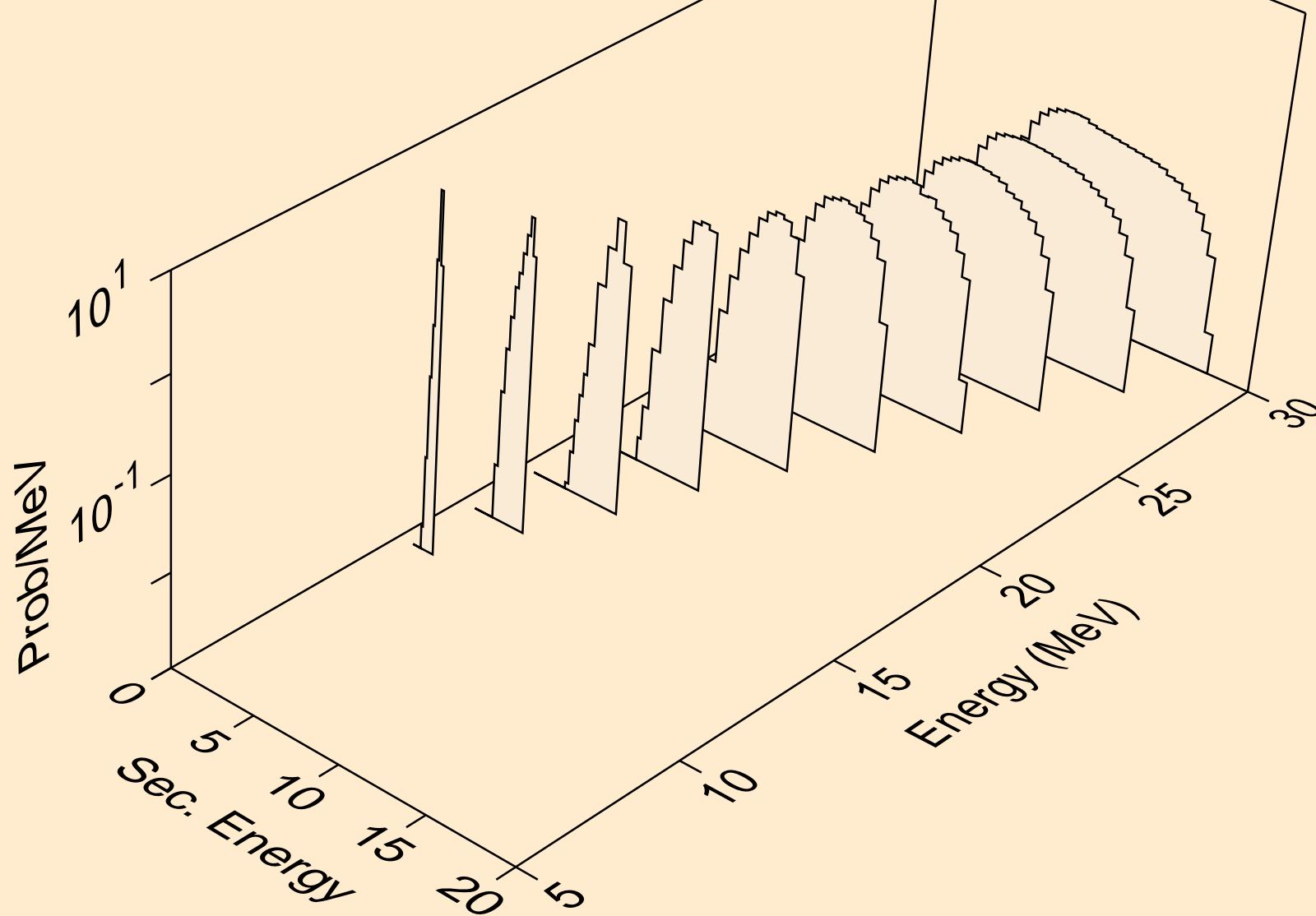
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



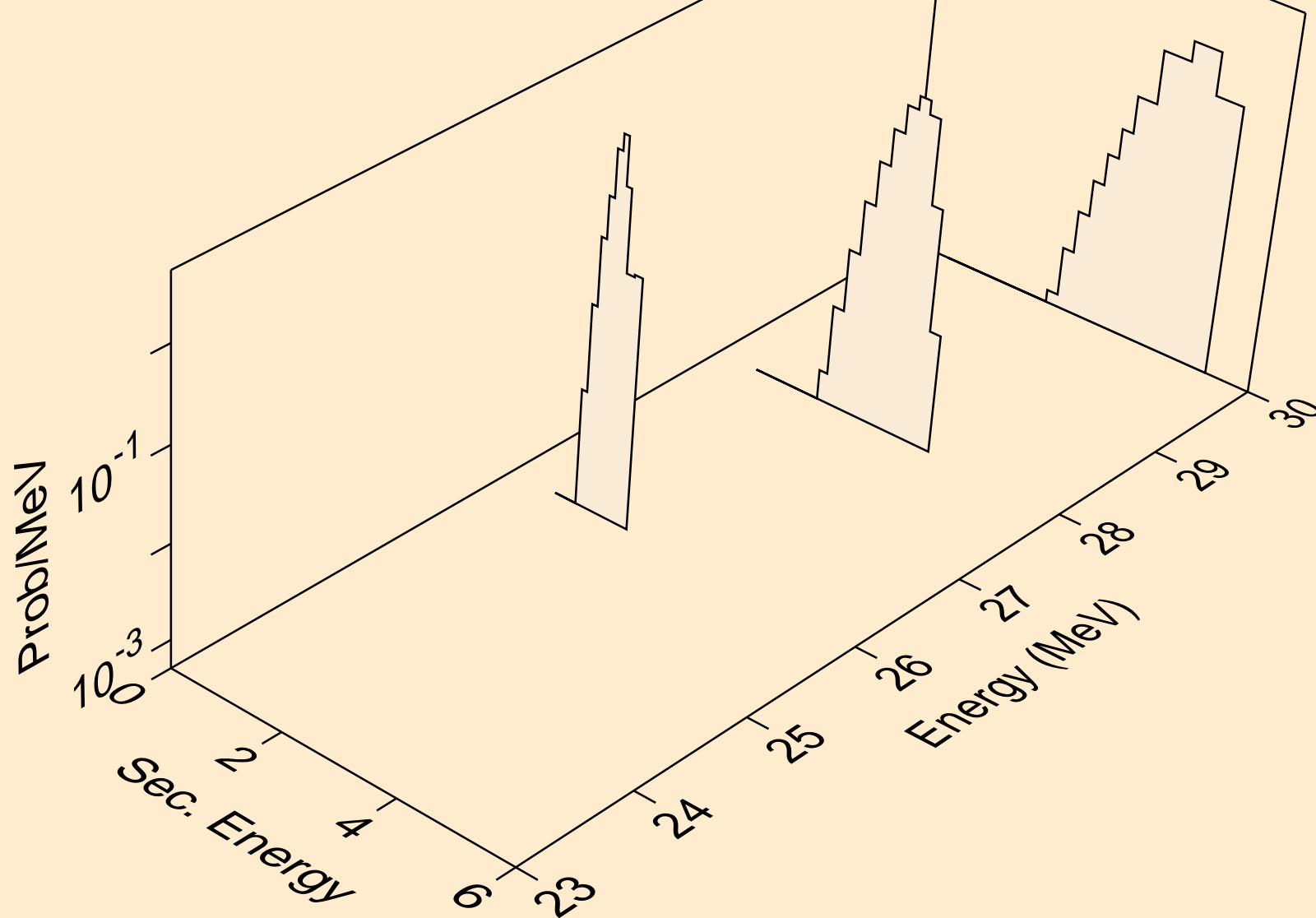
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



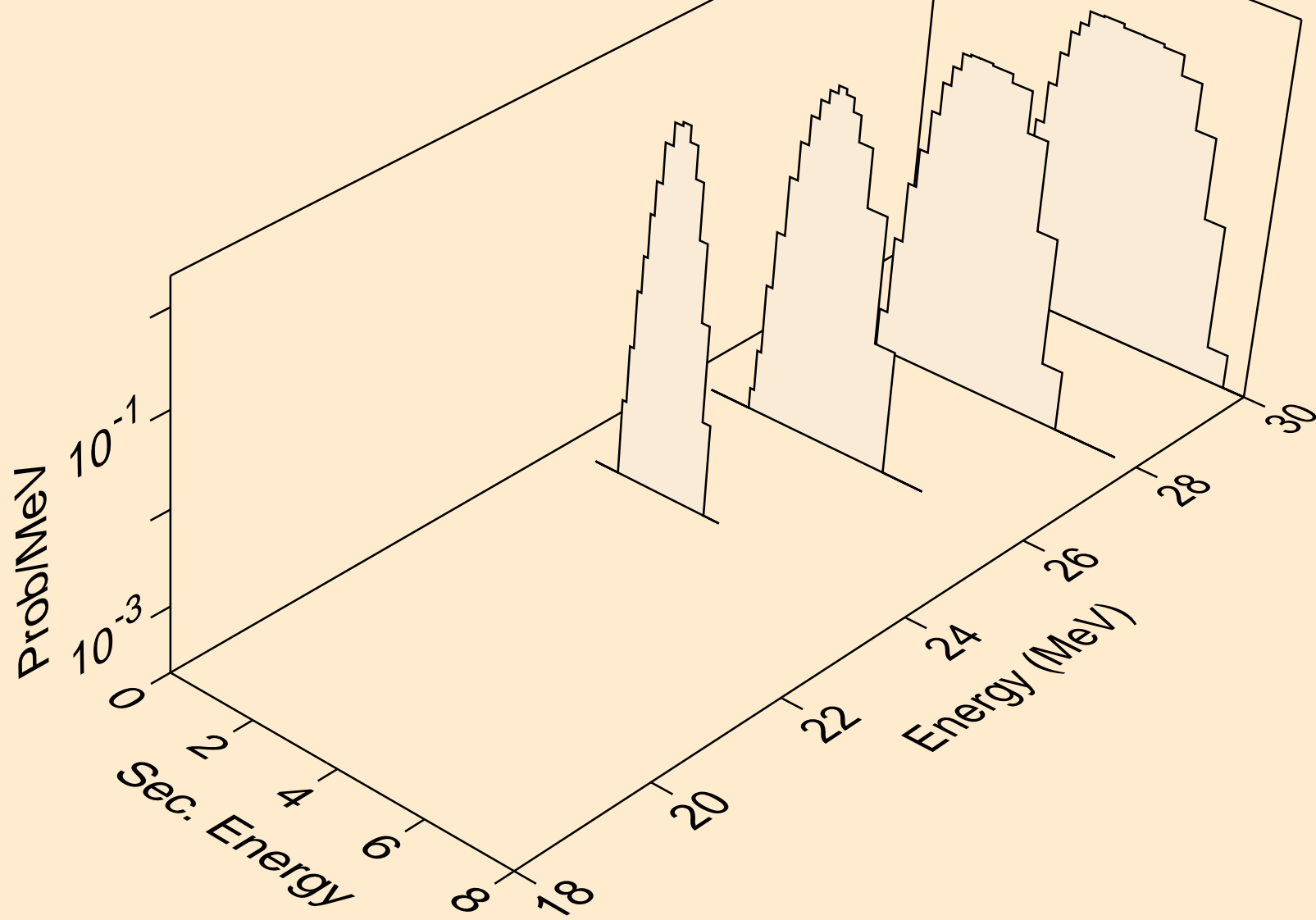
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



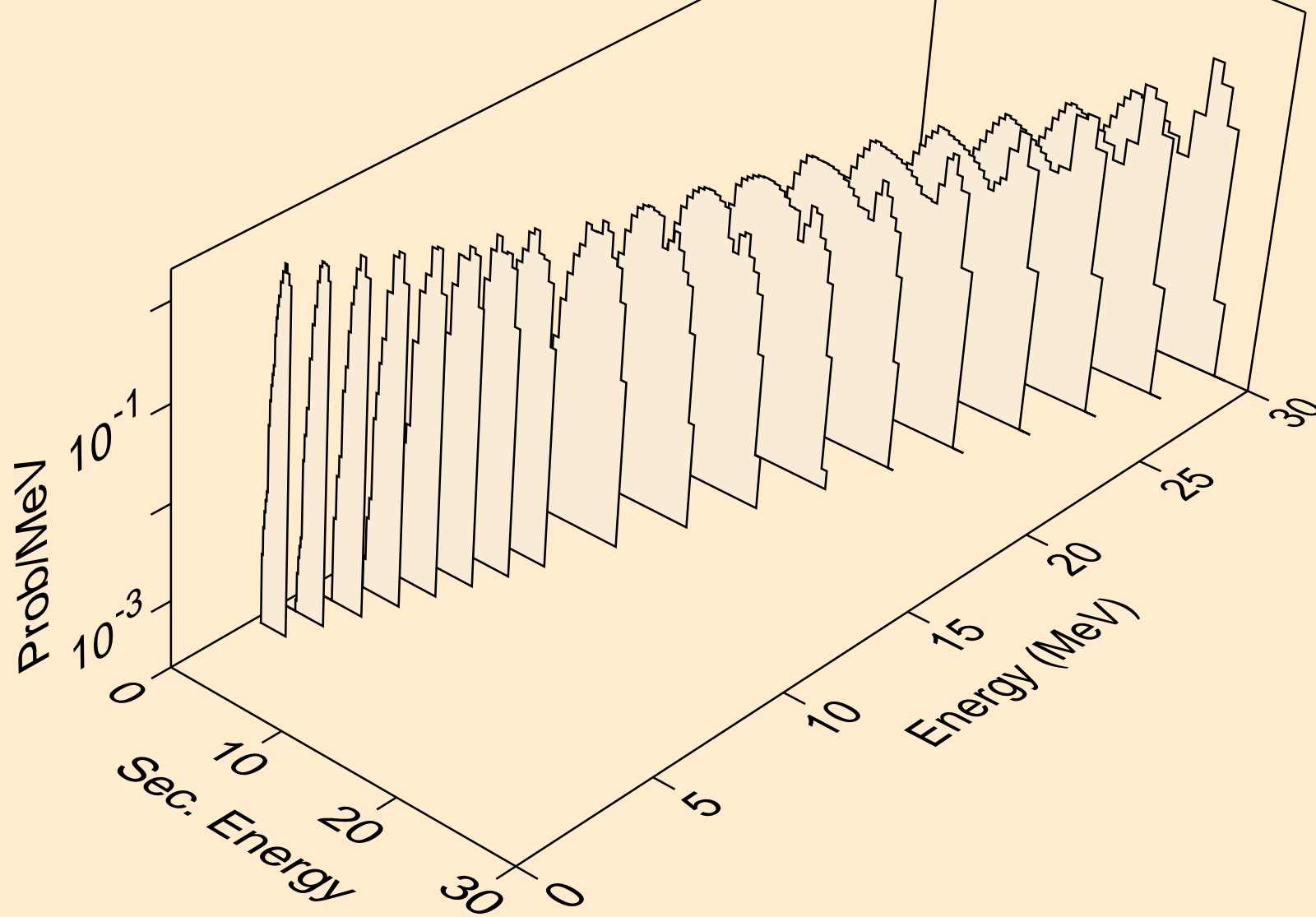
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



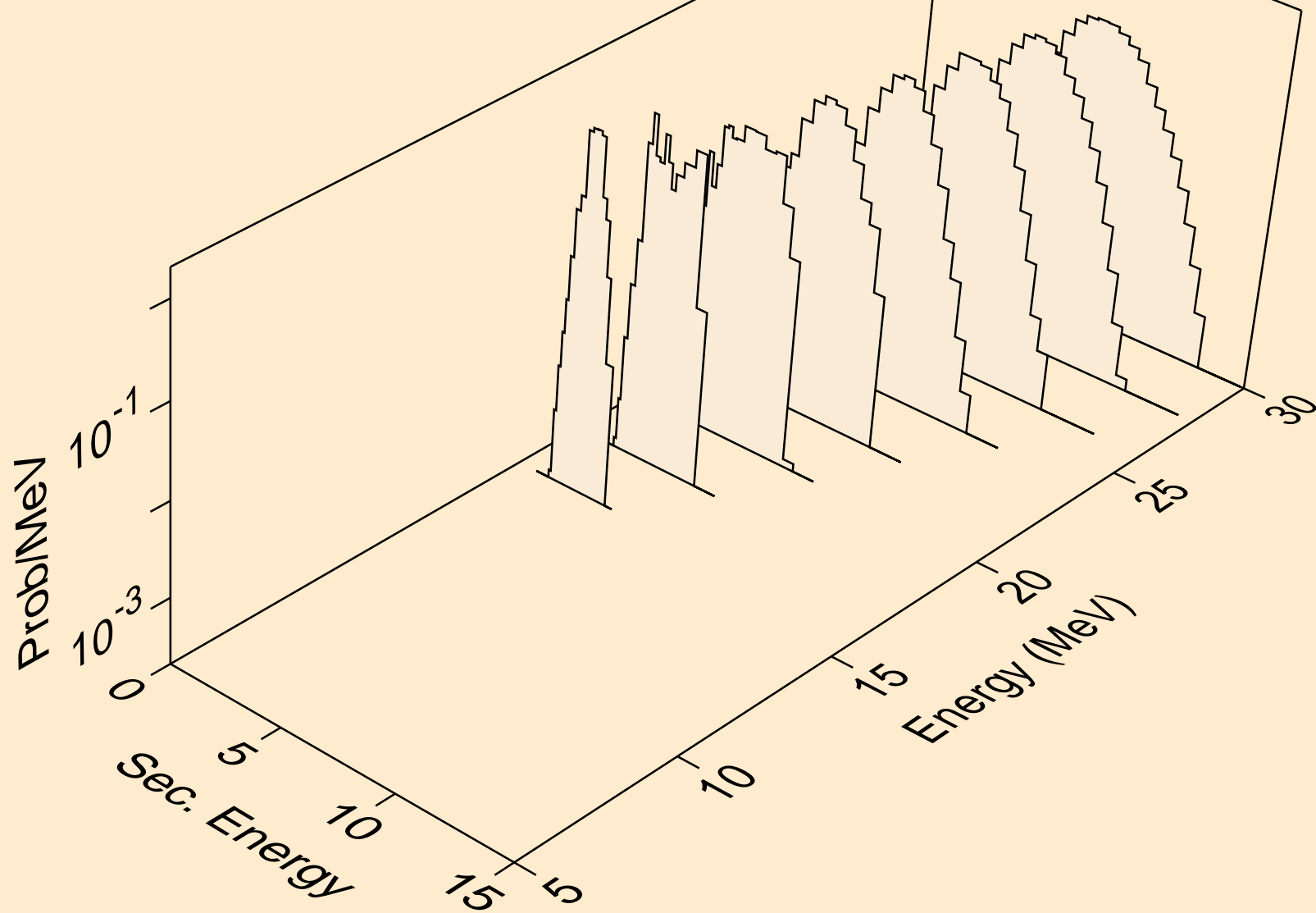
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

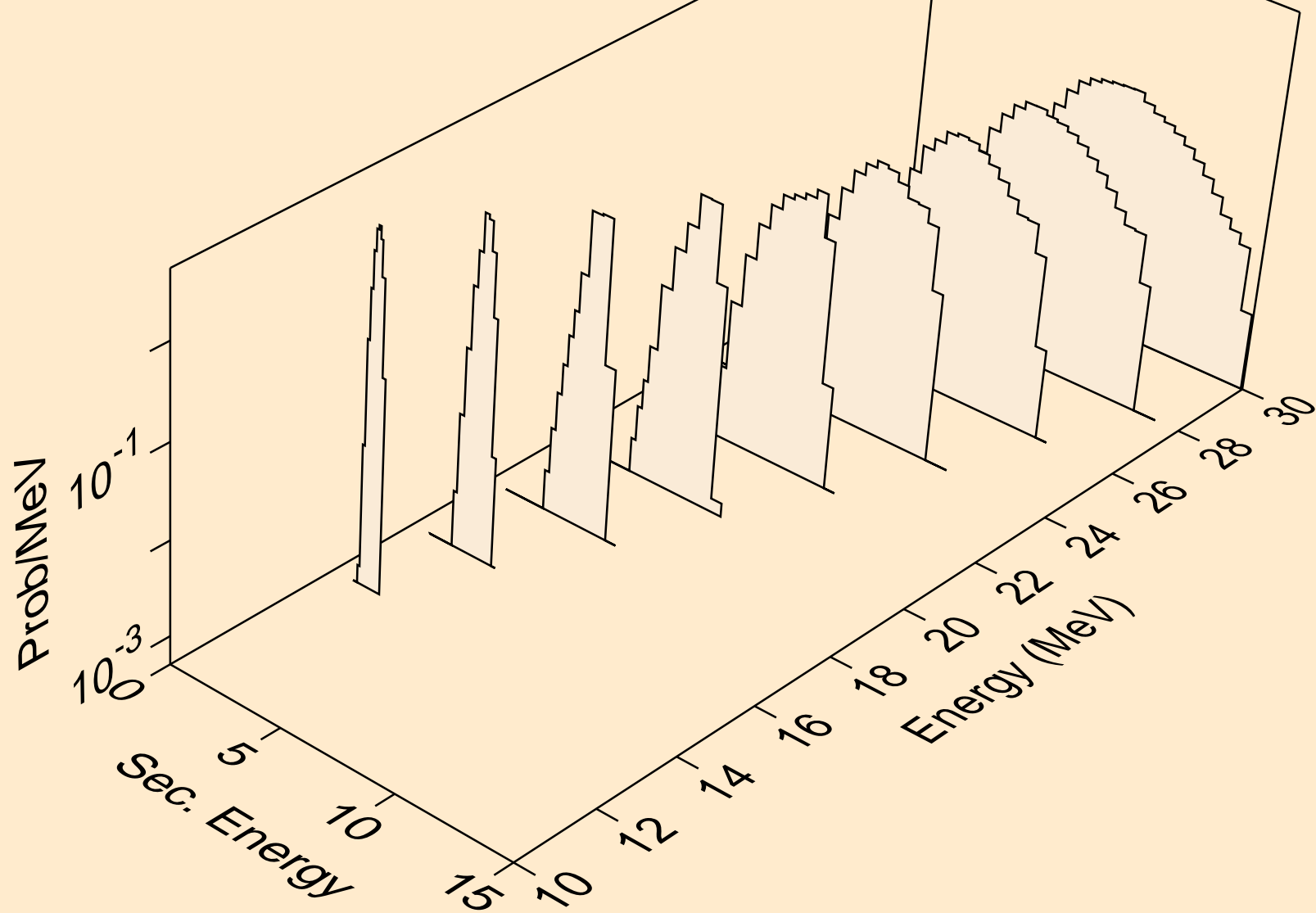


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Alpha emission for (a,2a)

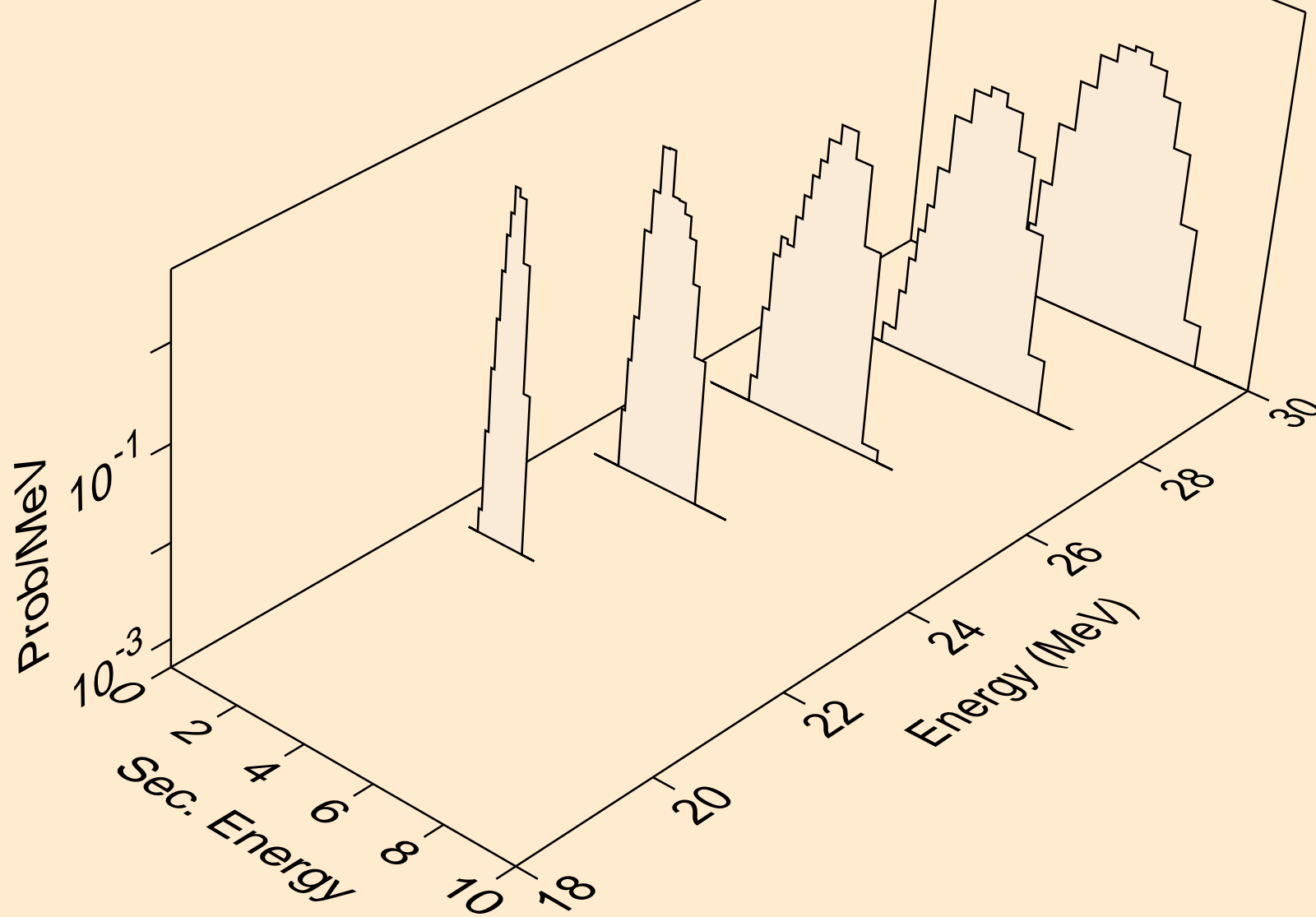




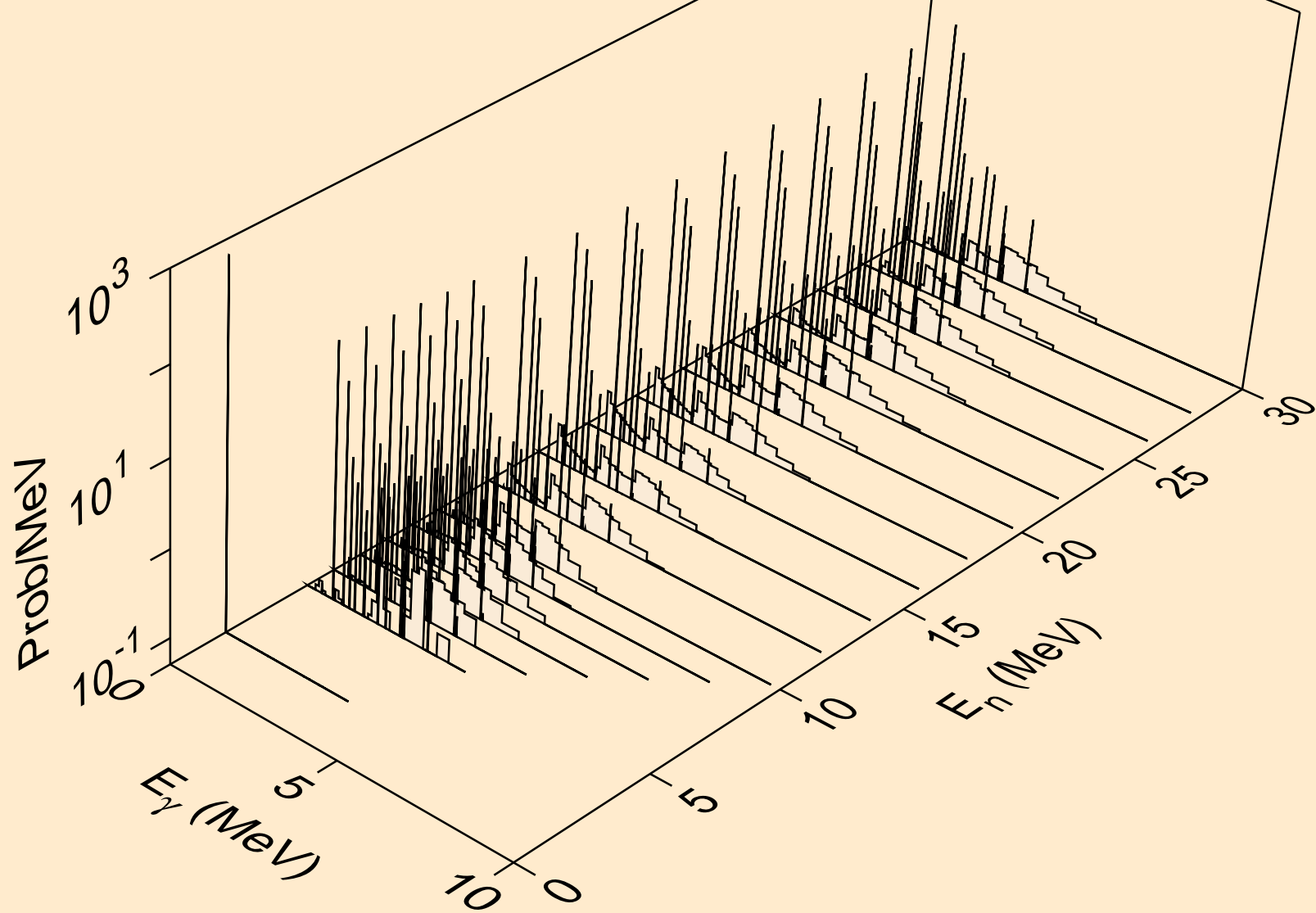
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Alpha emission for (a,pa)



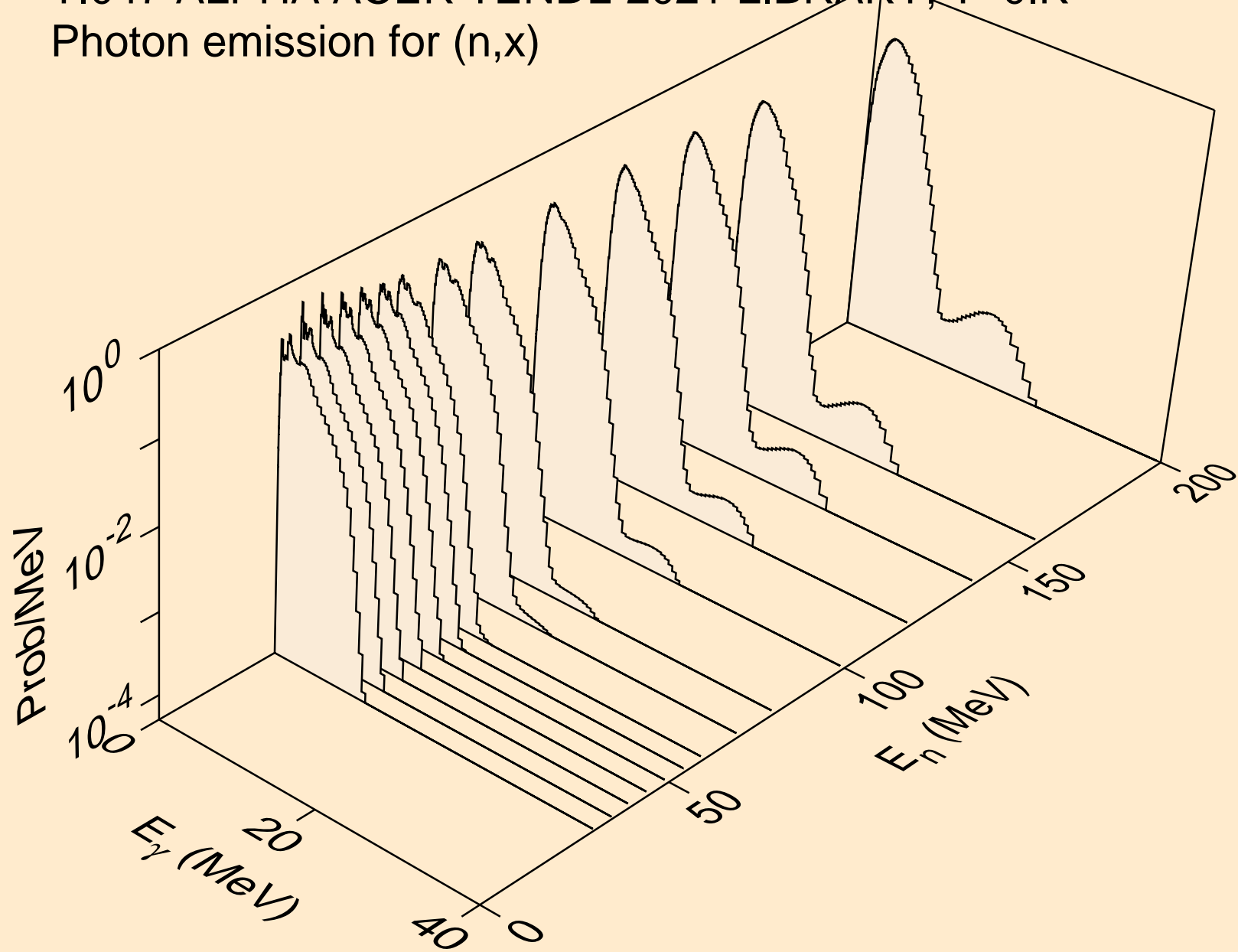
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Alpha emission for (a,da)



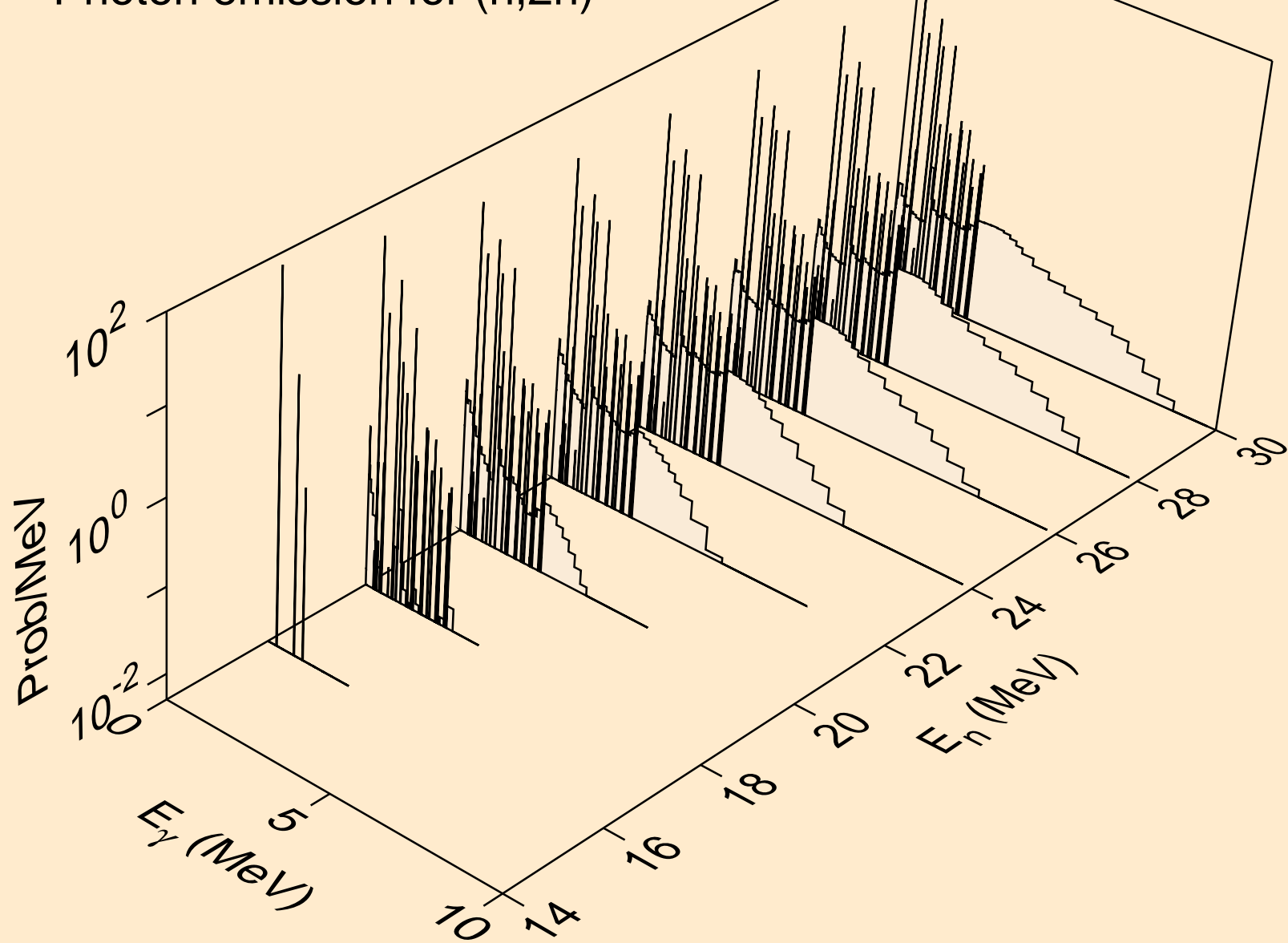
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Photon emission for (z,n)



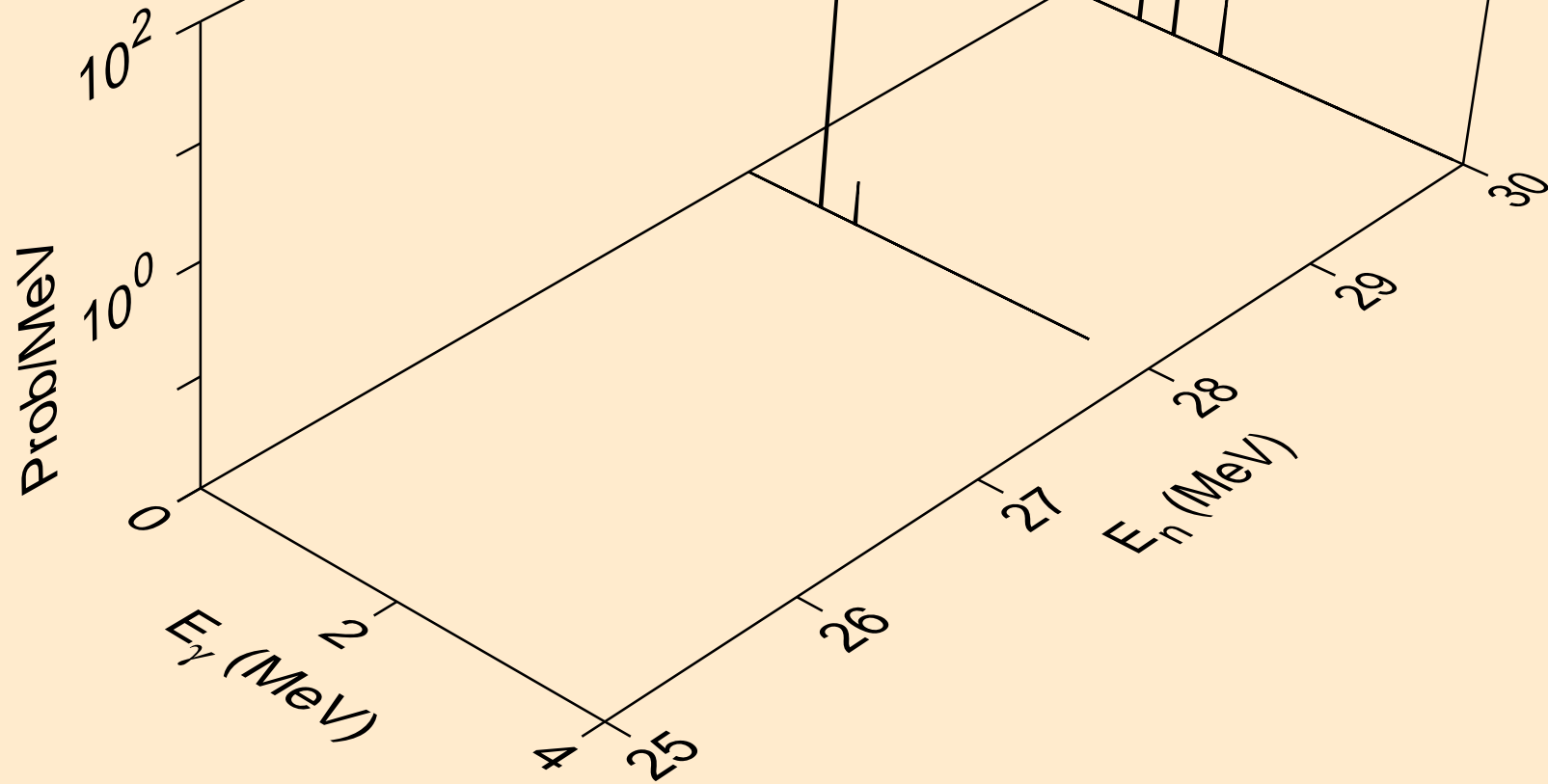
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



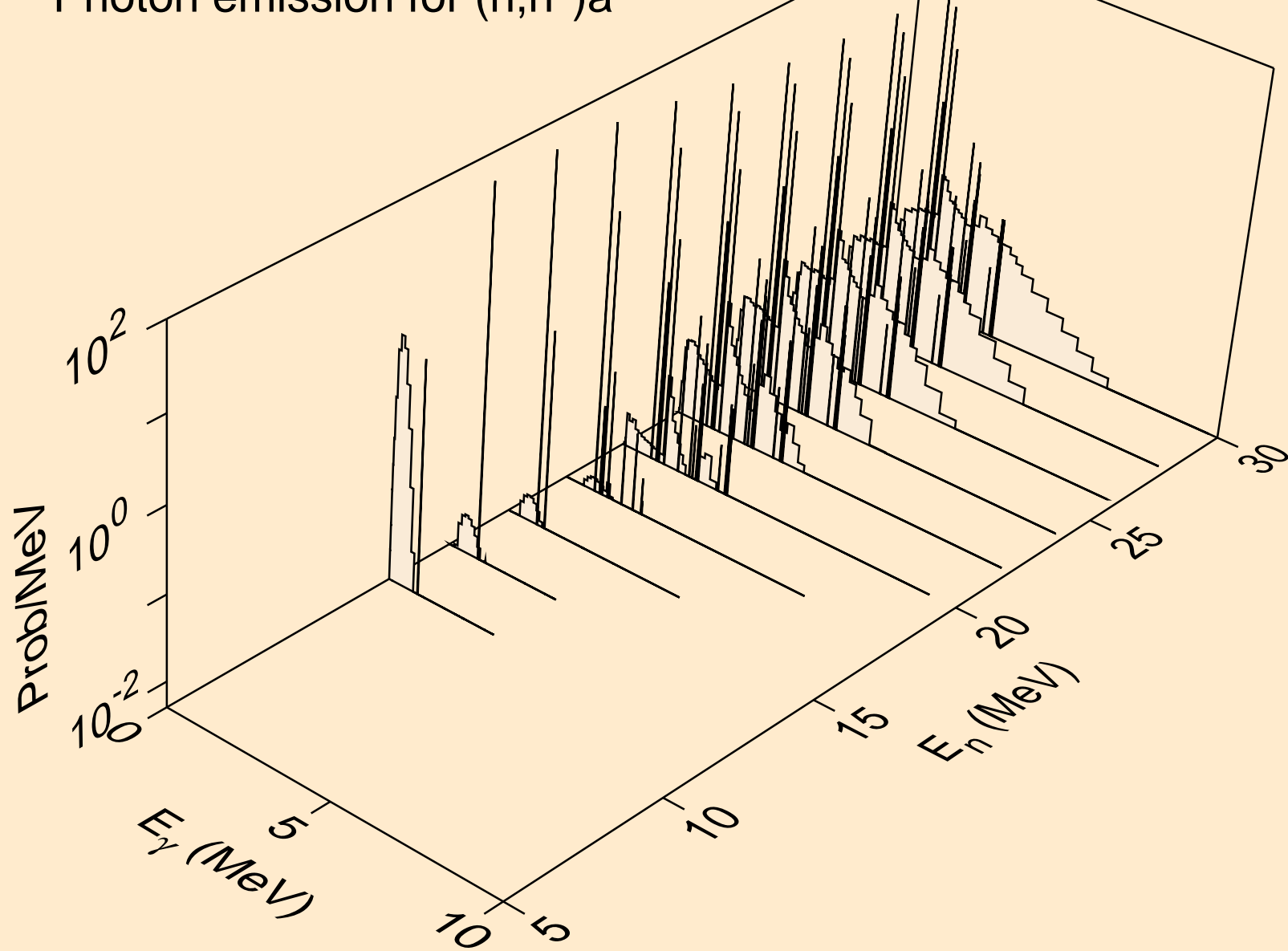
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



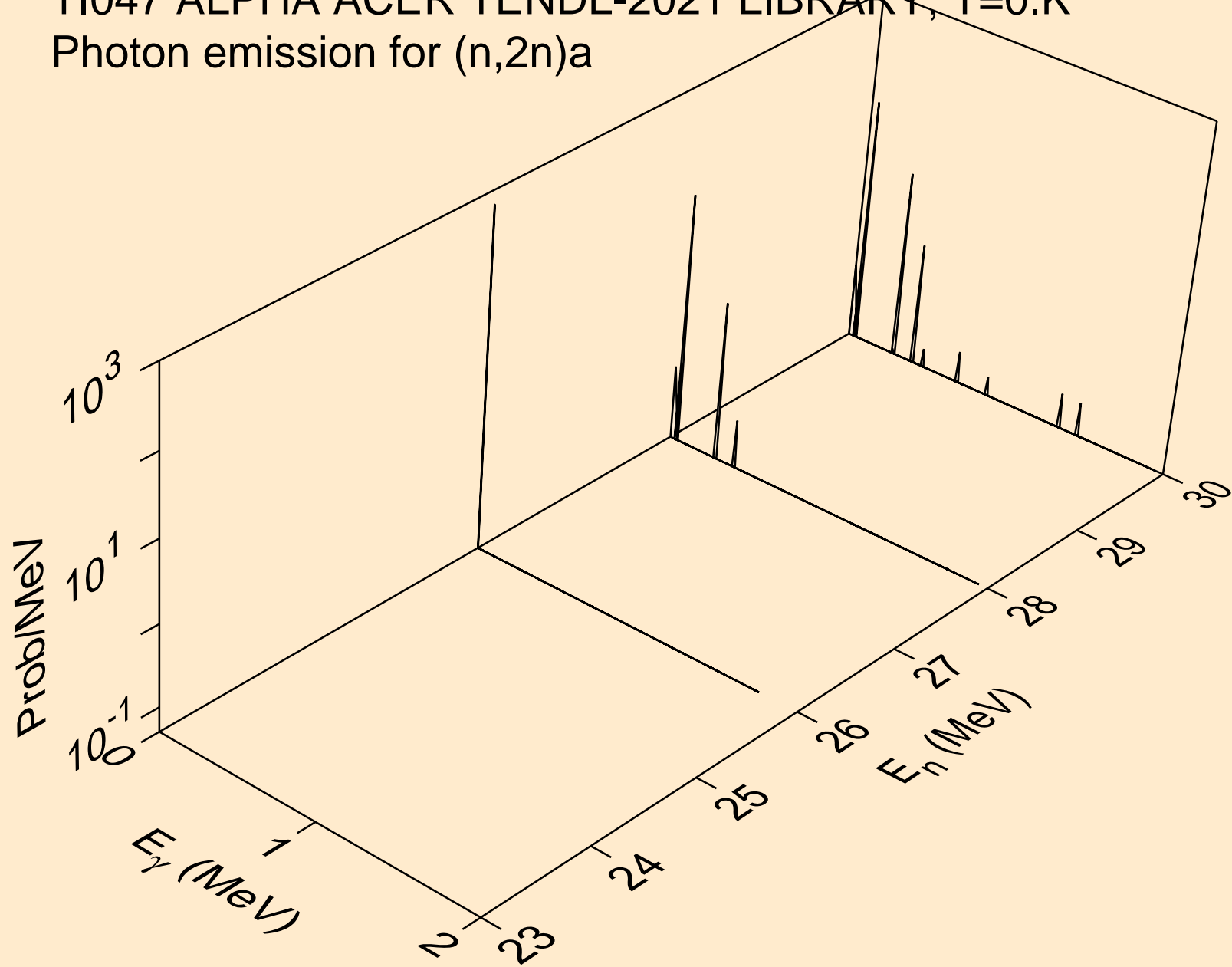
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



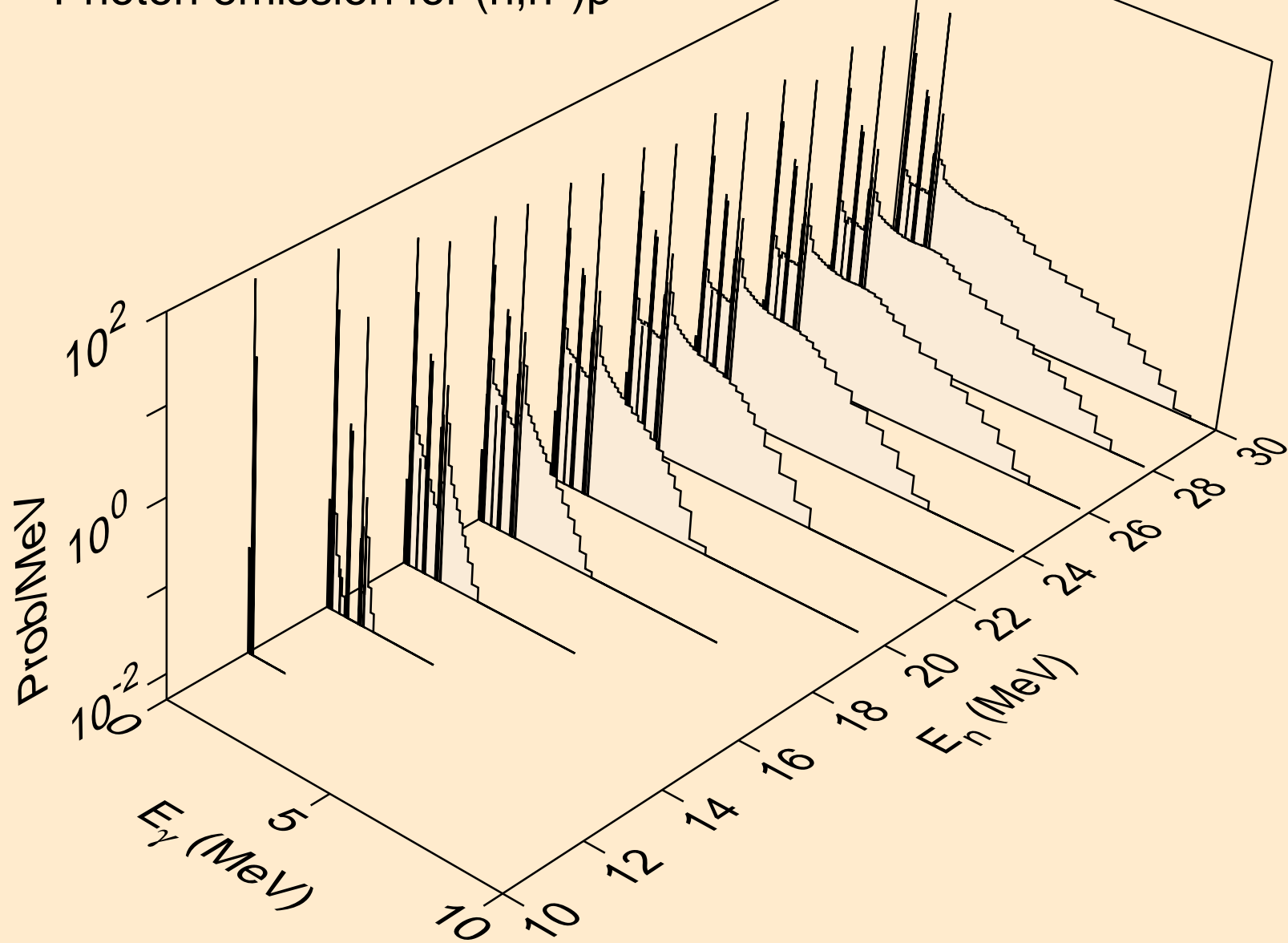
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Photon emission for (n,2n)a



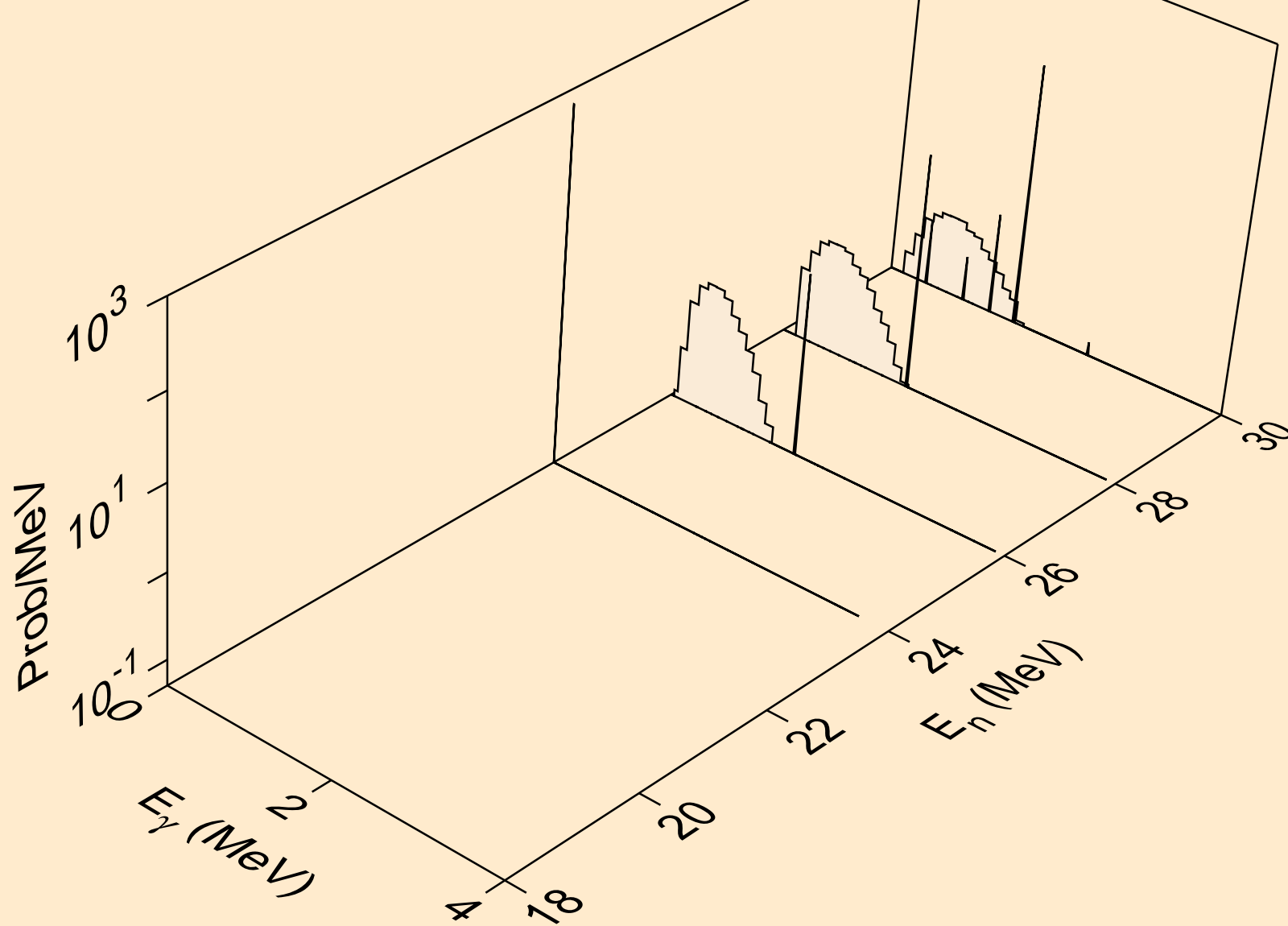


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p

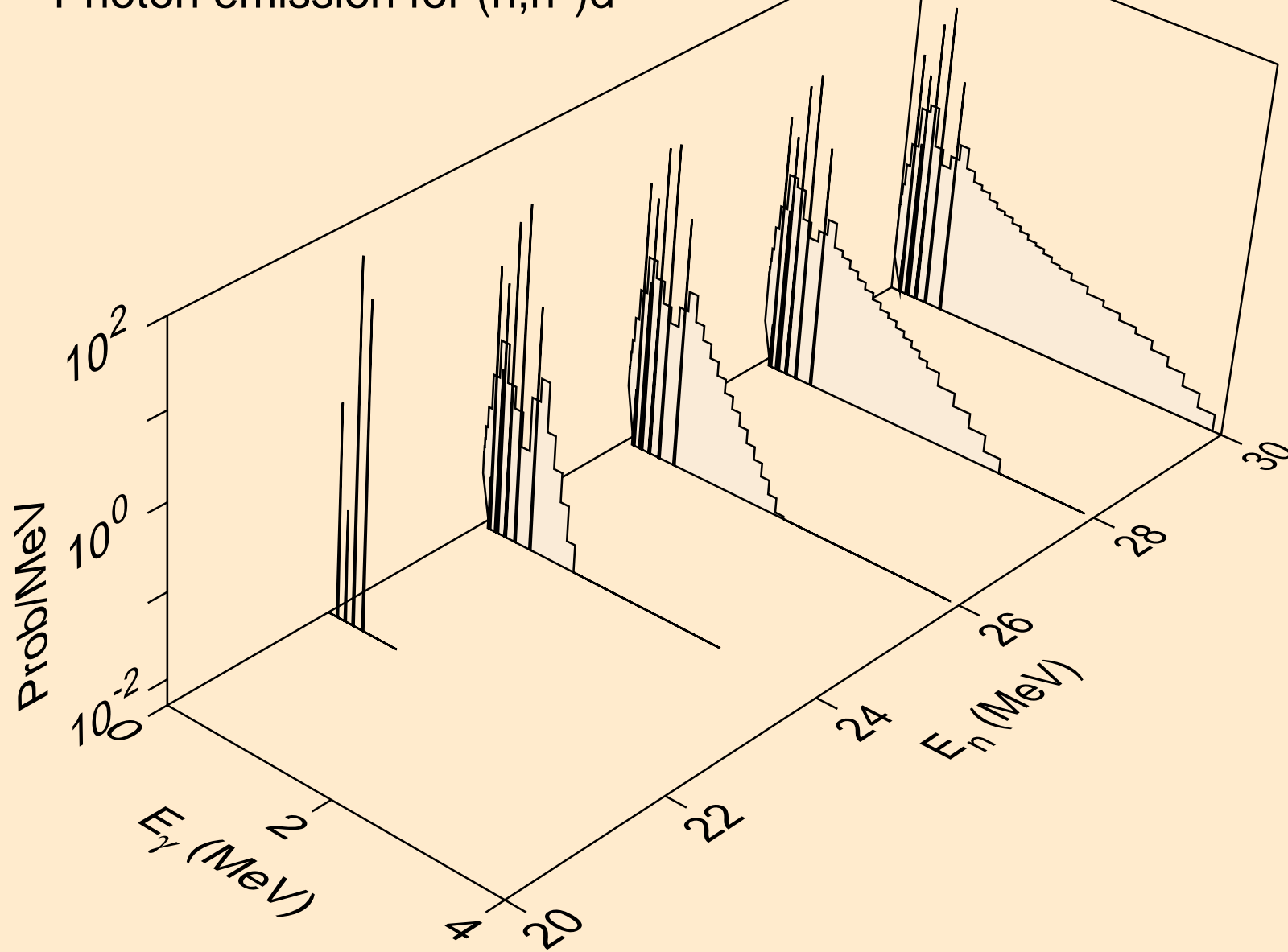


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Photon emission for (n,n\*)2a

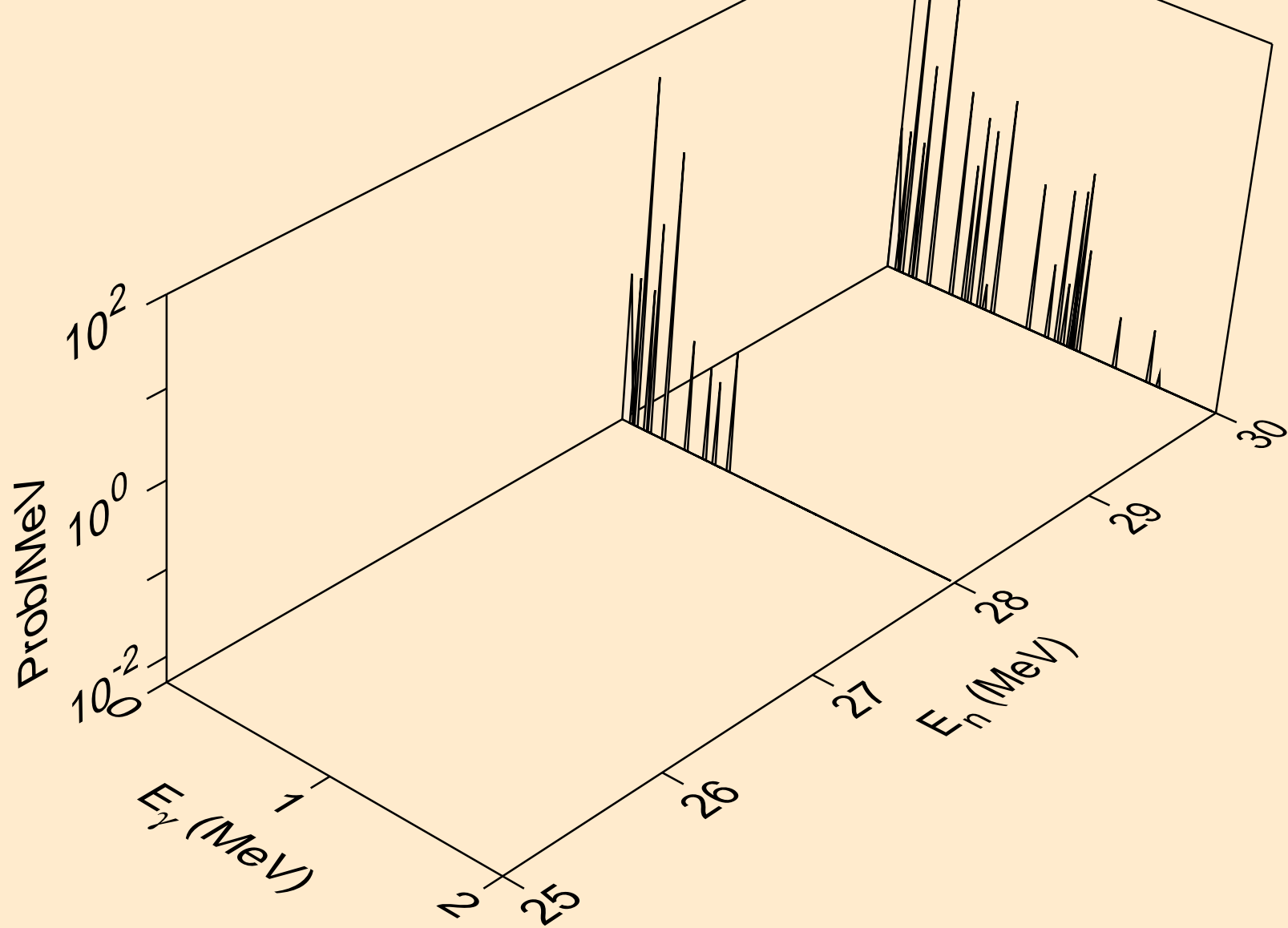


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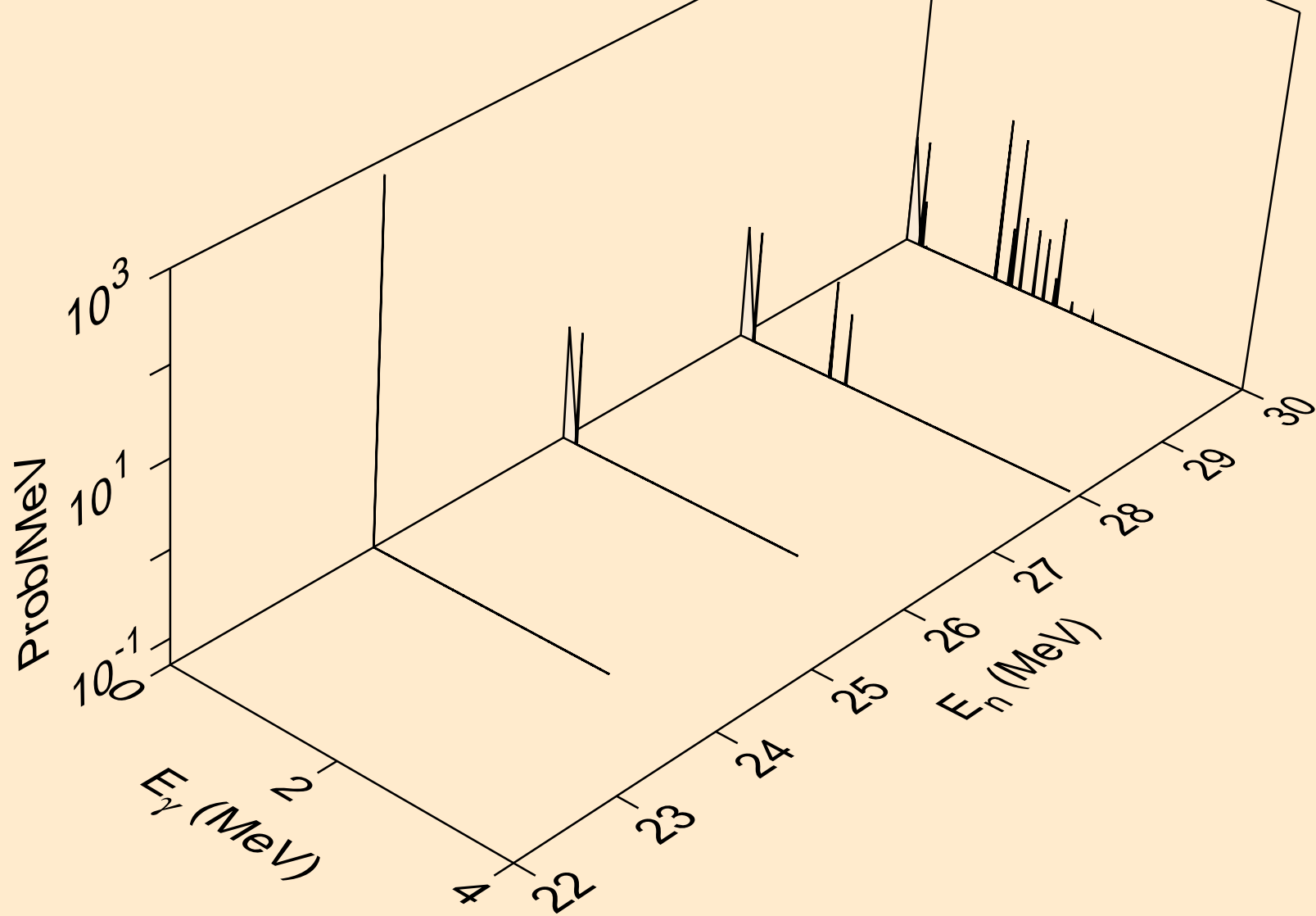
Photon emission for (n,n\*)d



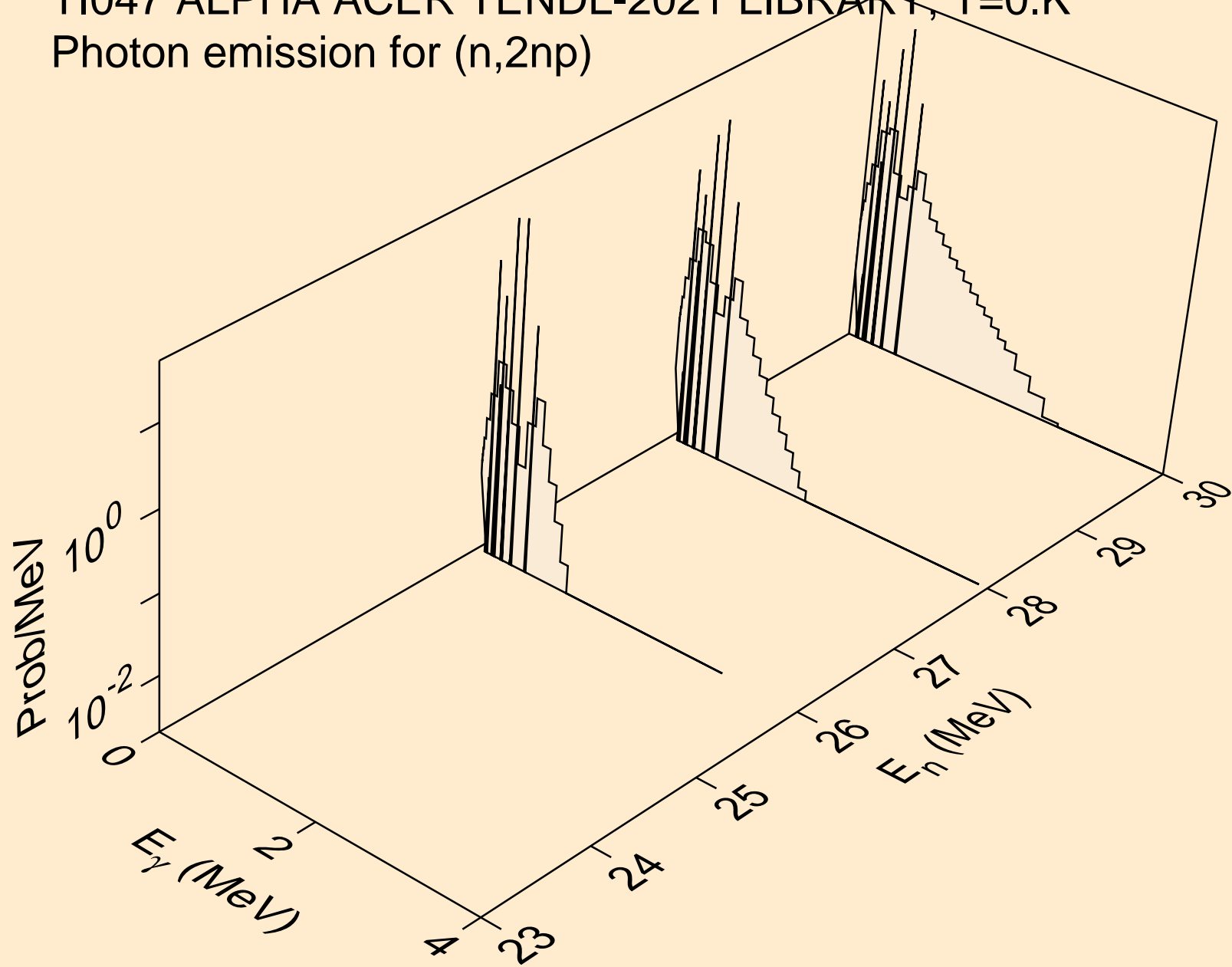
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



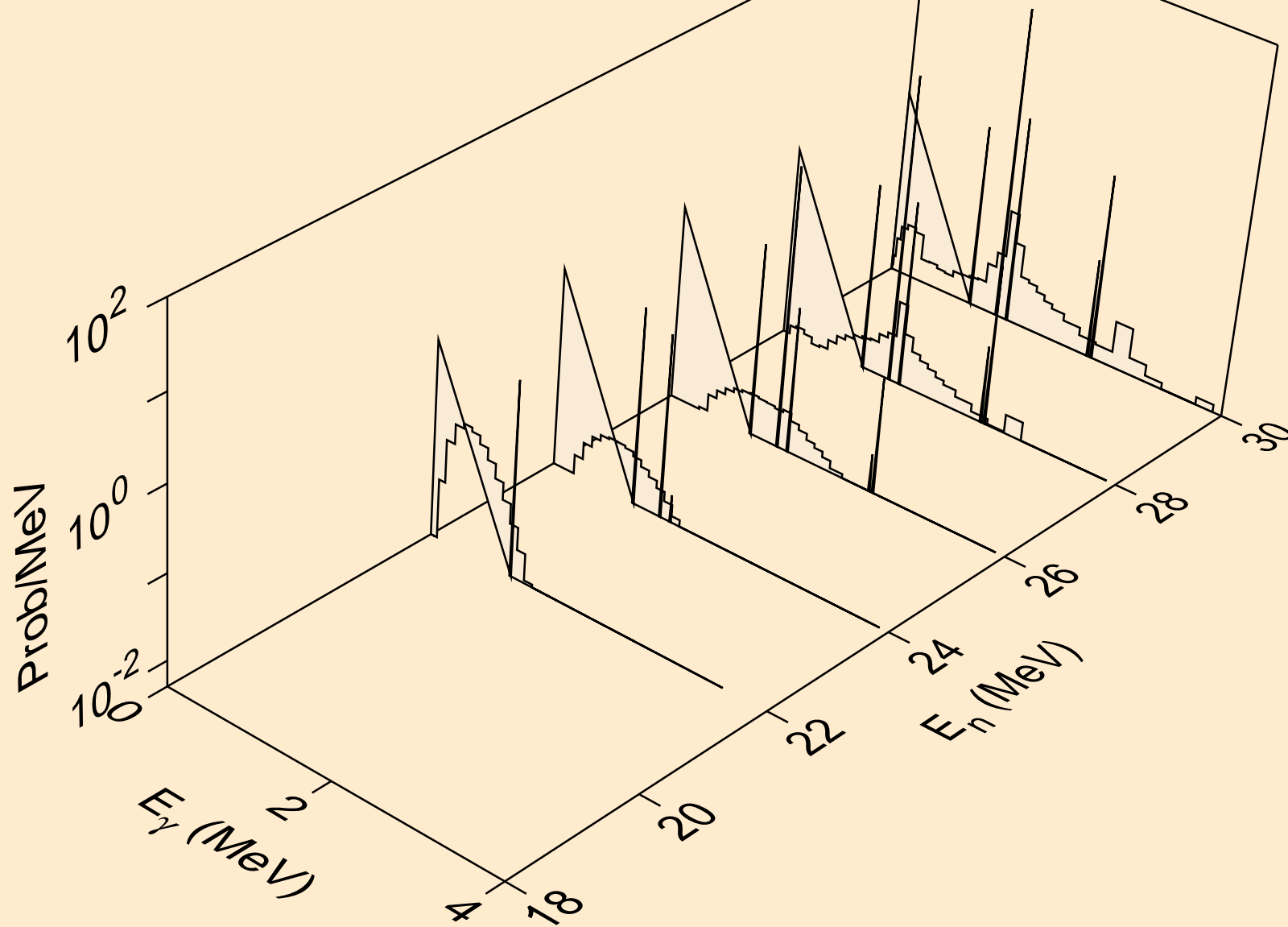
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



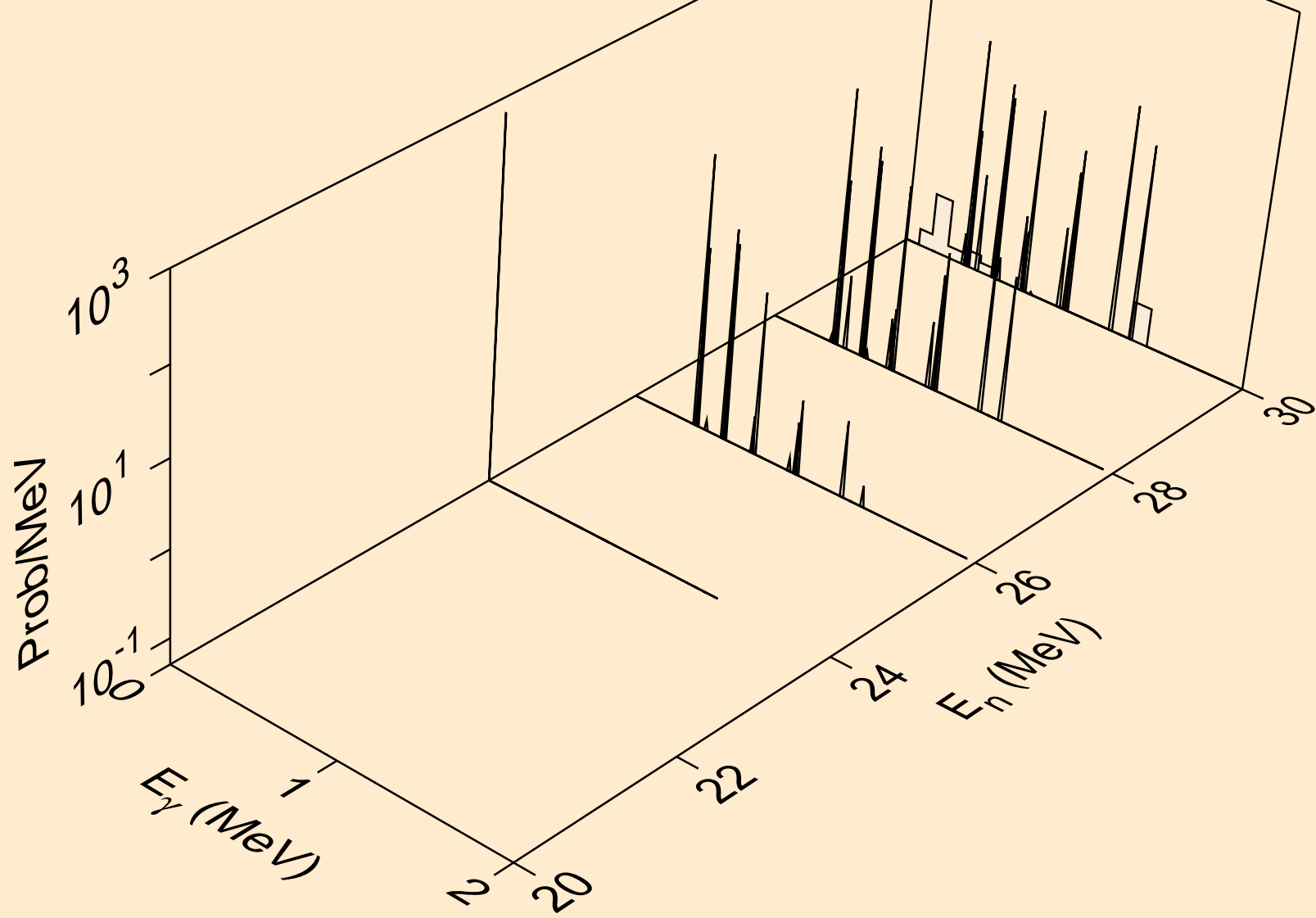
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

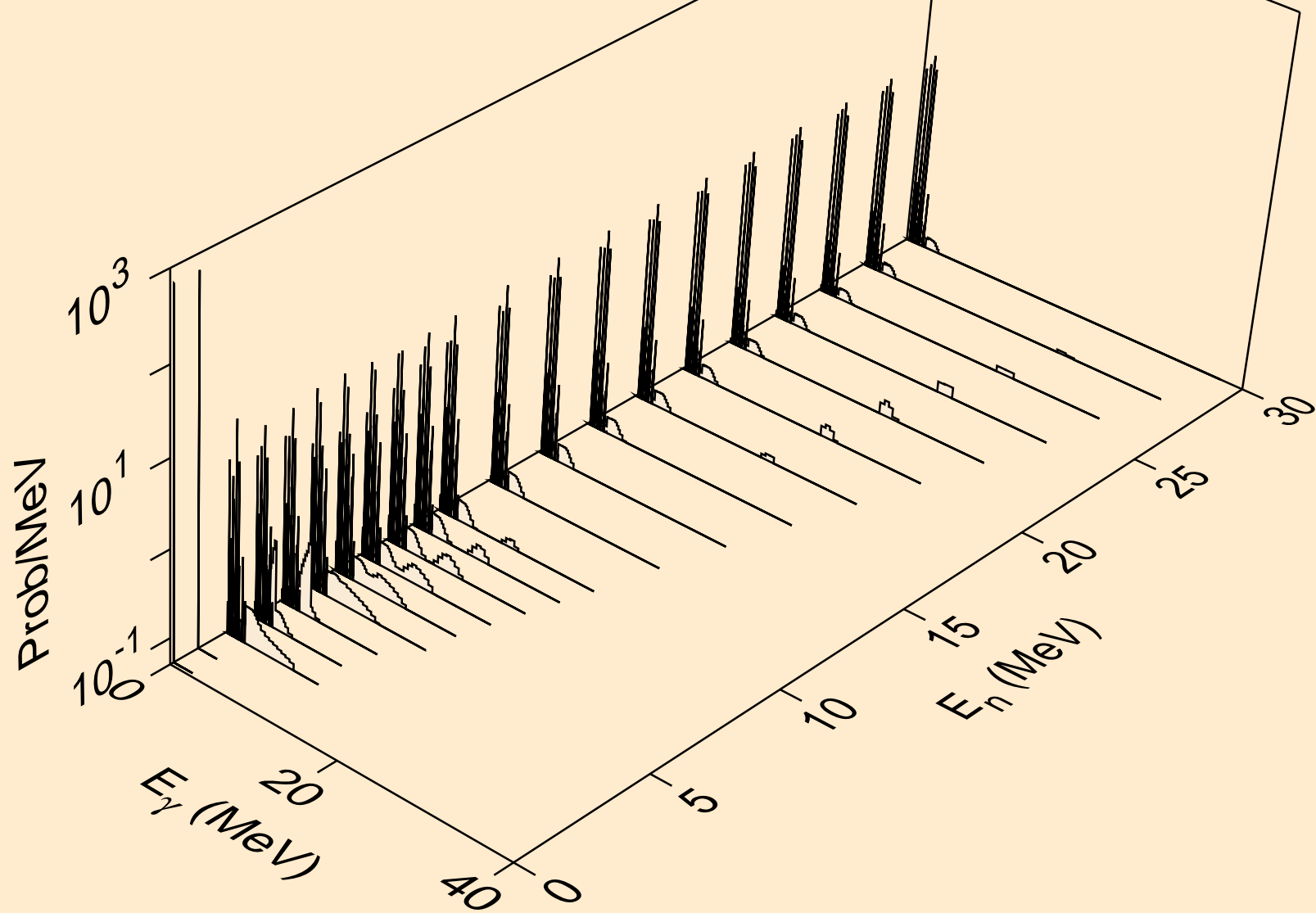


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Photon emission for (n,npa)

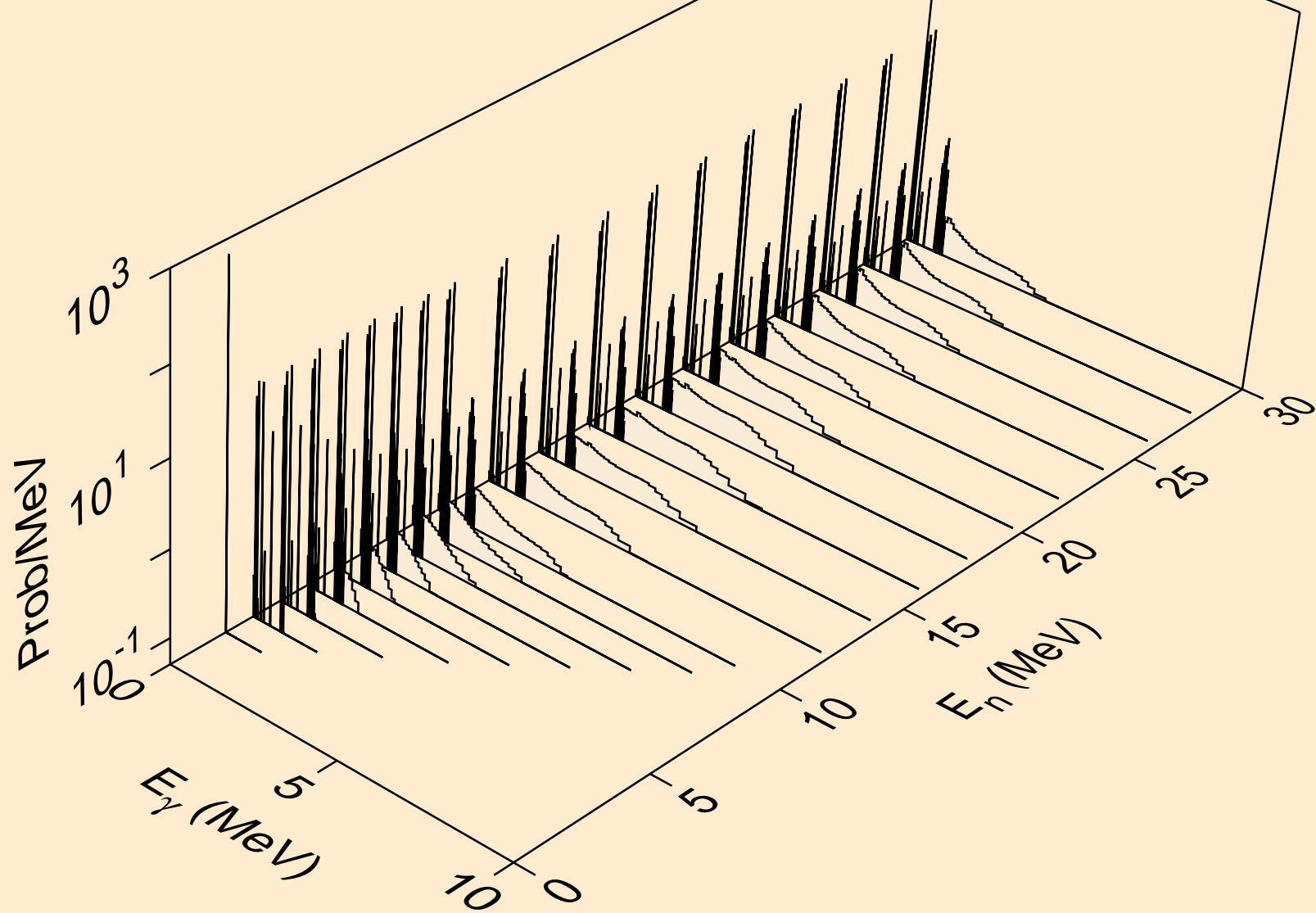




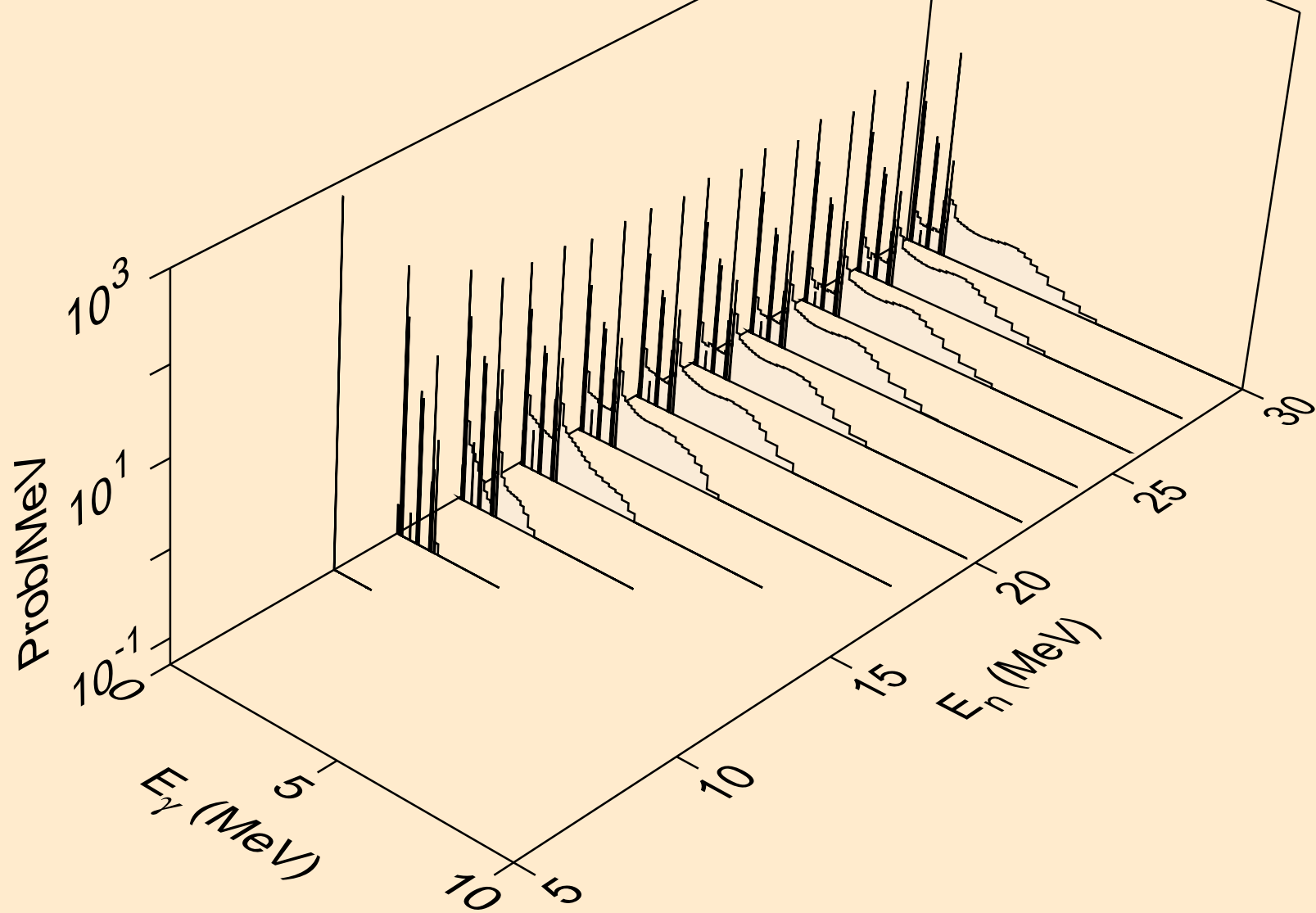
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Photon emission for (n,gma)



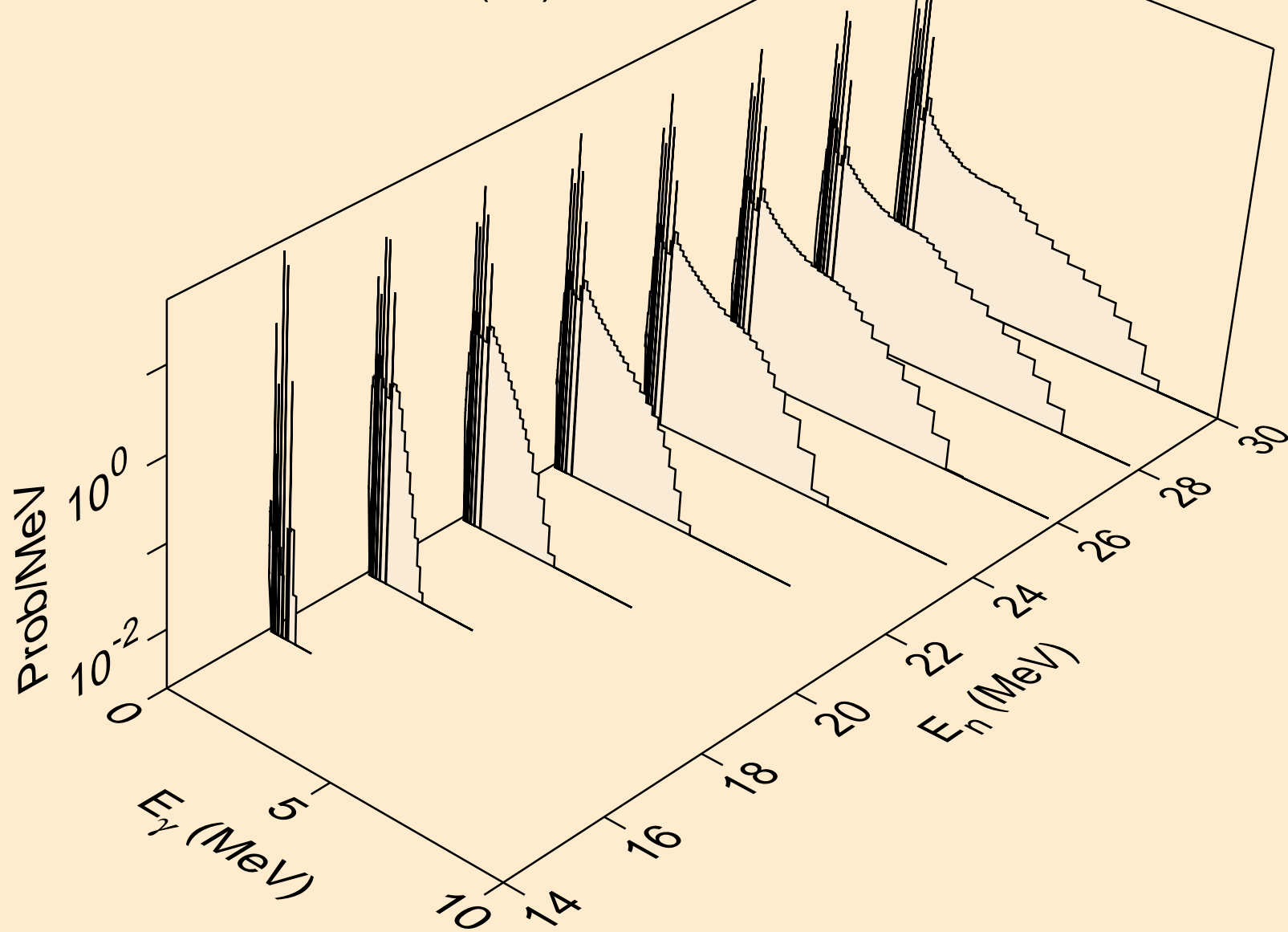
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Photon emission for (n,p)



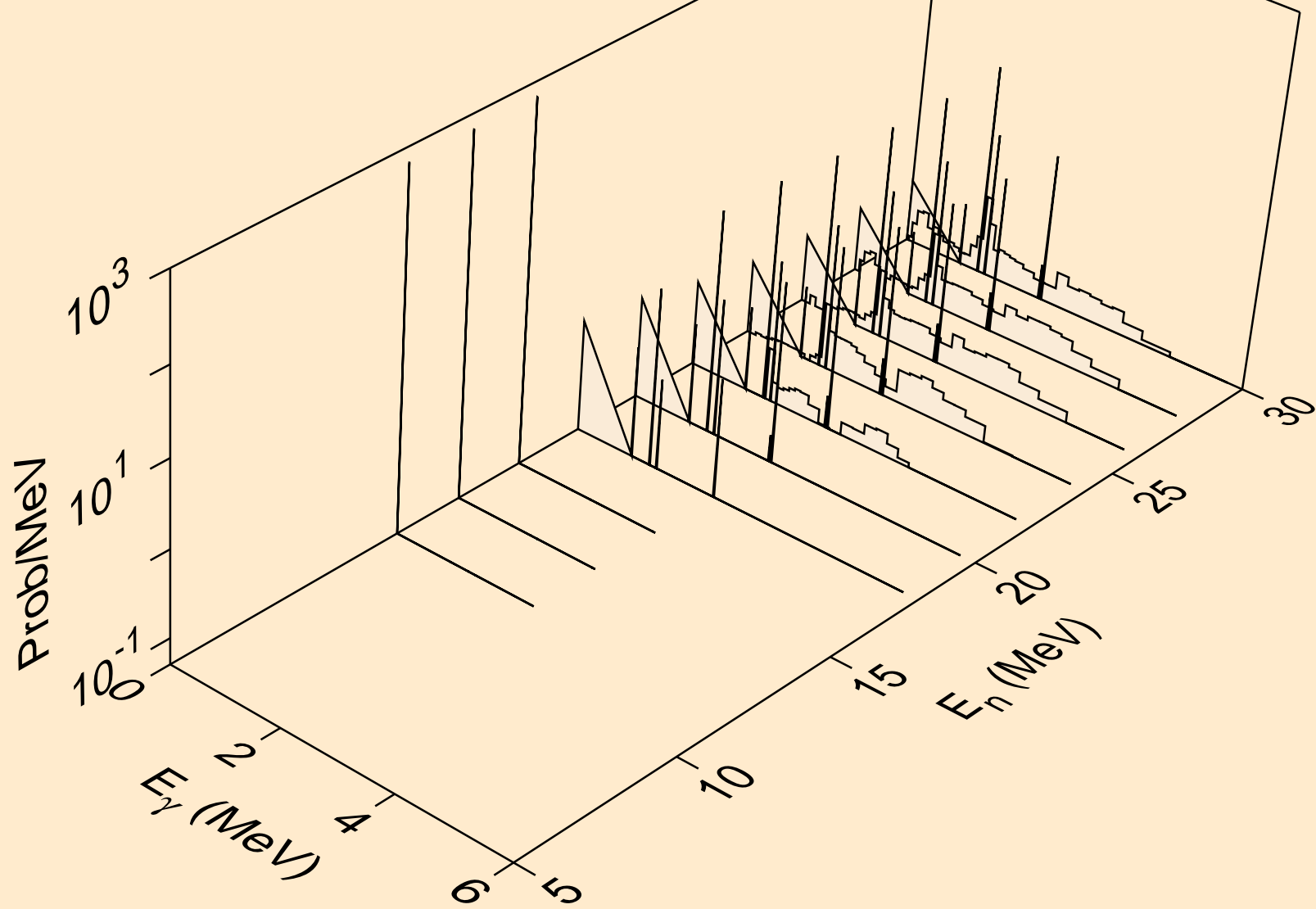
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Photon emission for (n,d)



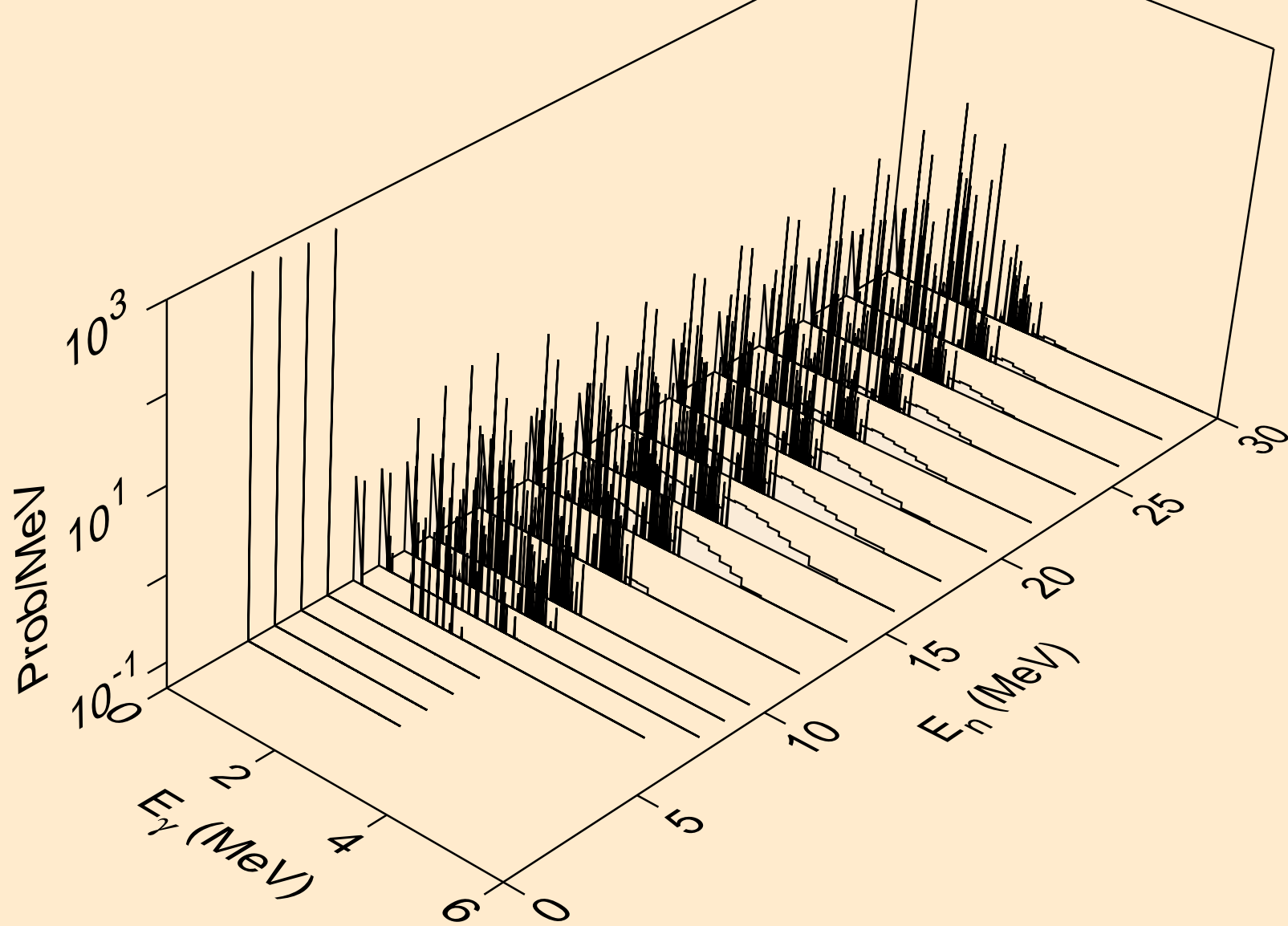
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Photon emission for (n,t)



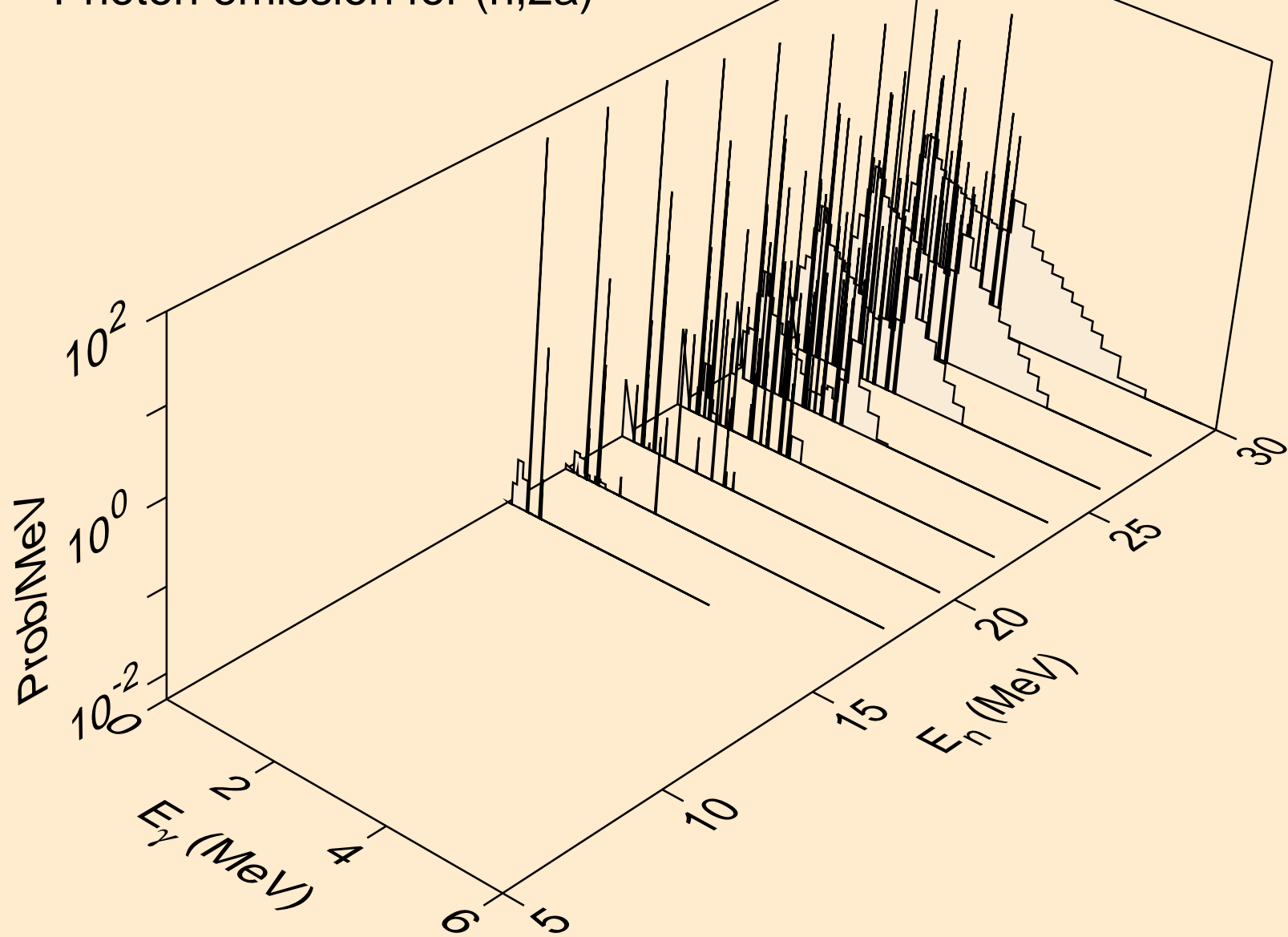
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Photon emission for (n,he3)



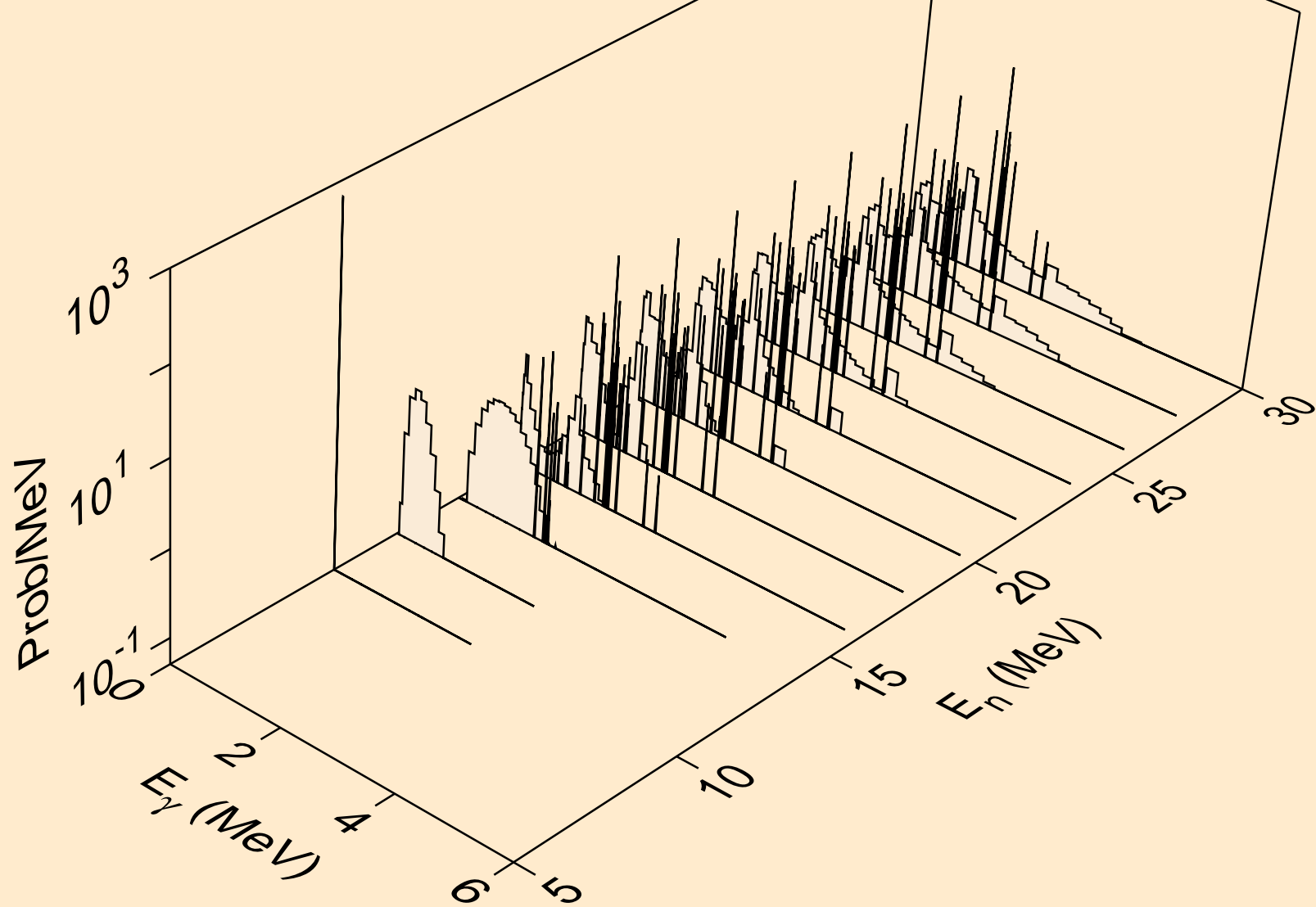
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

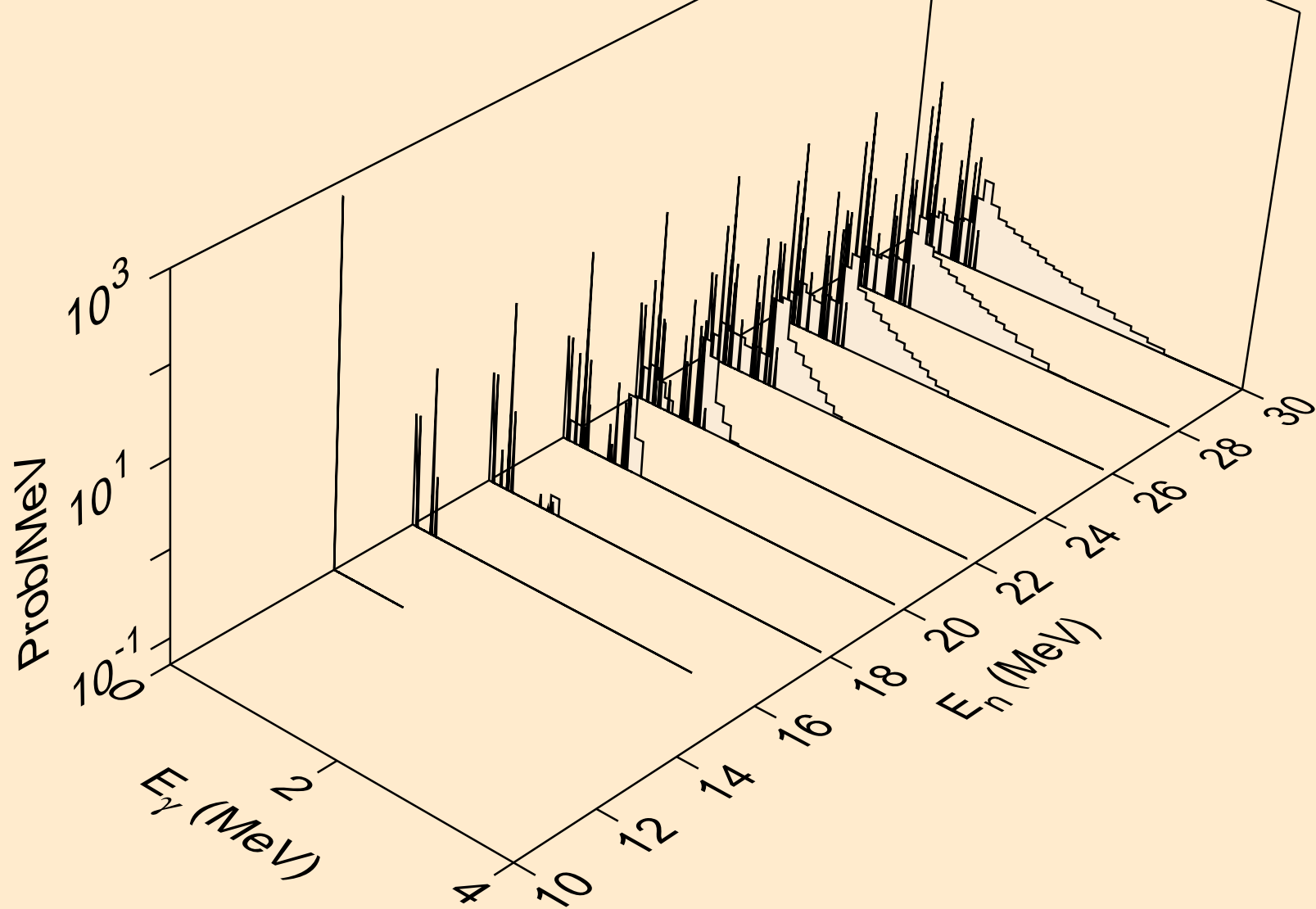


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Photon emission for (n,2p)

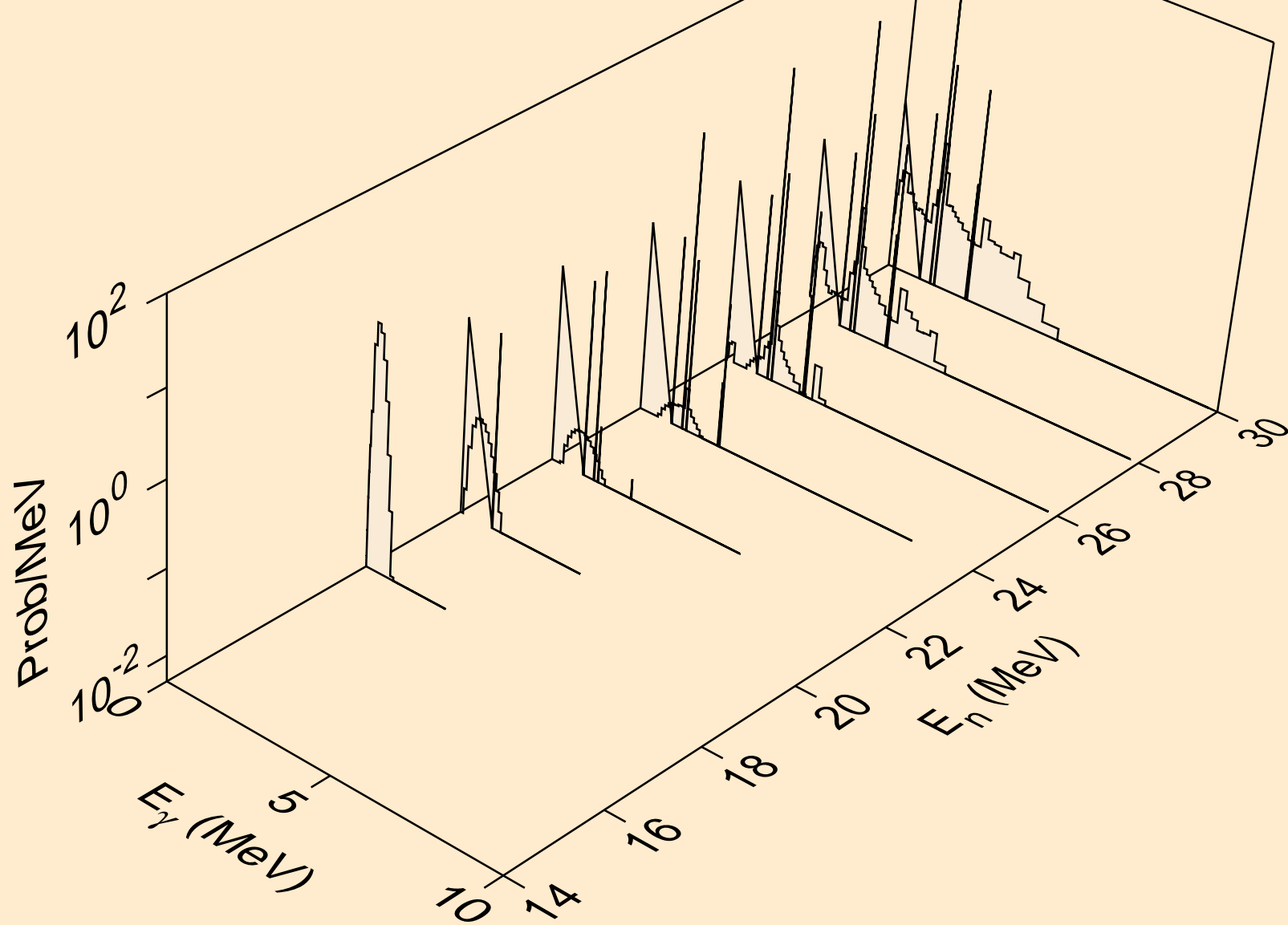




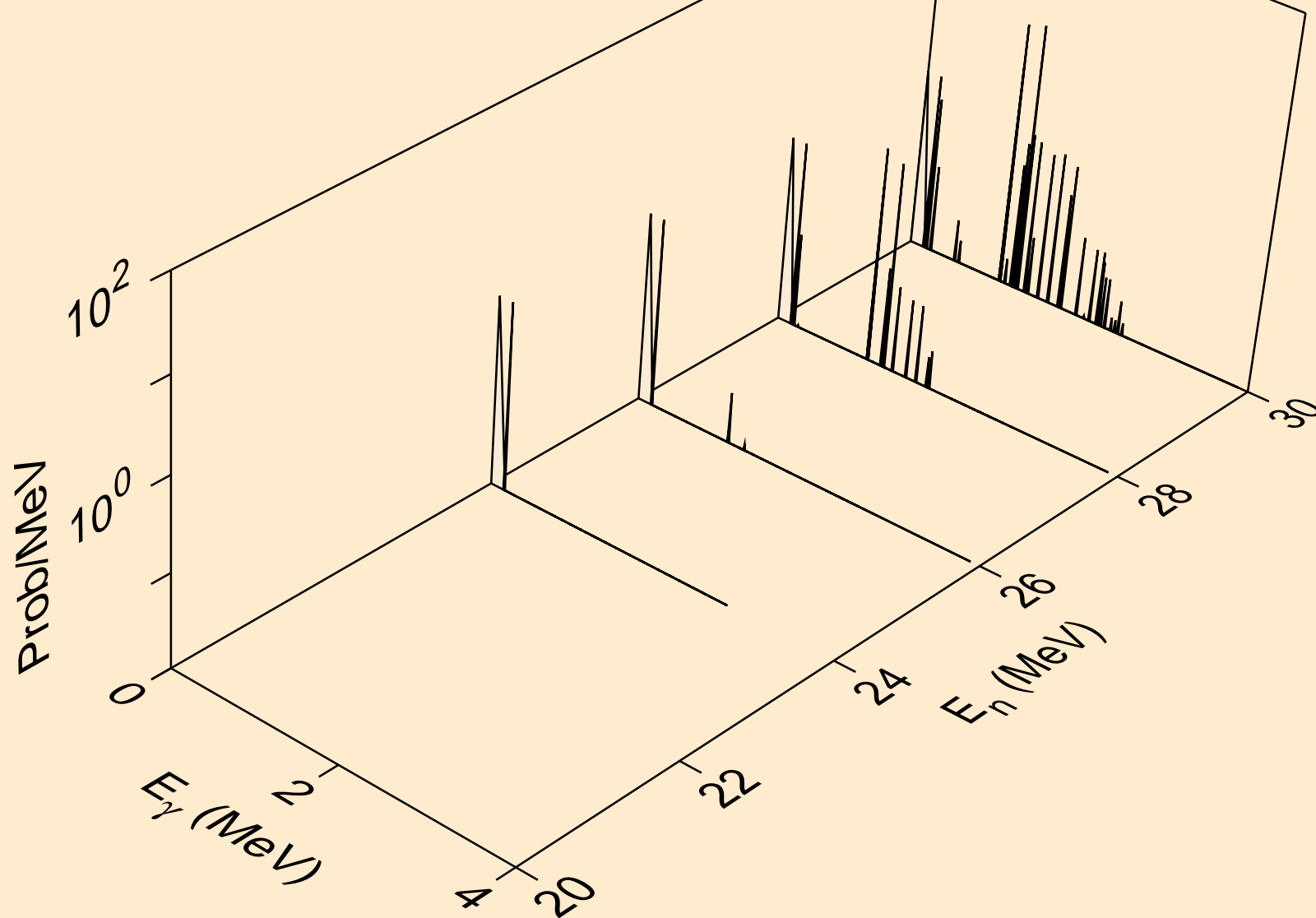
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Photon emission for (n,p $\alpha$ )



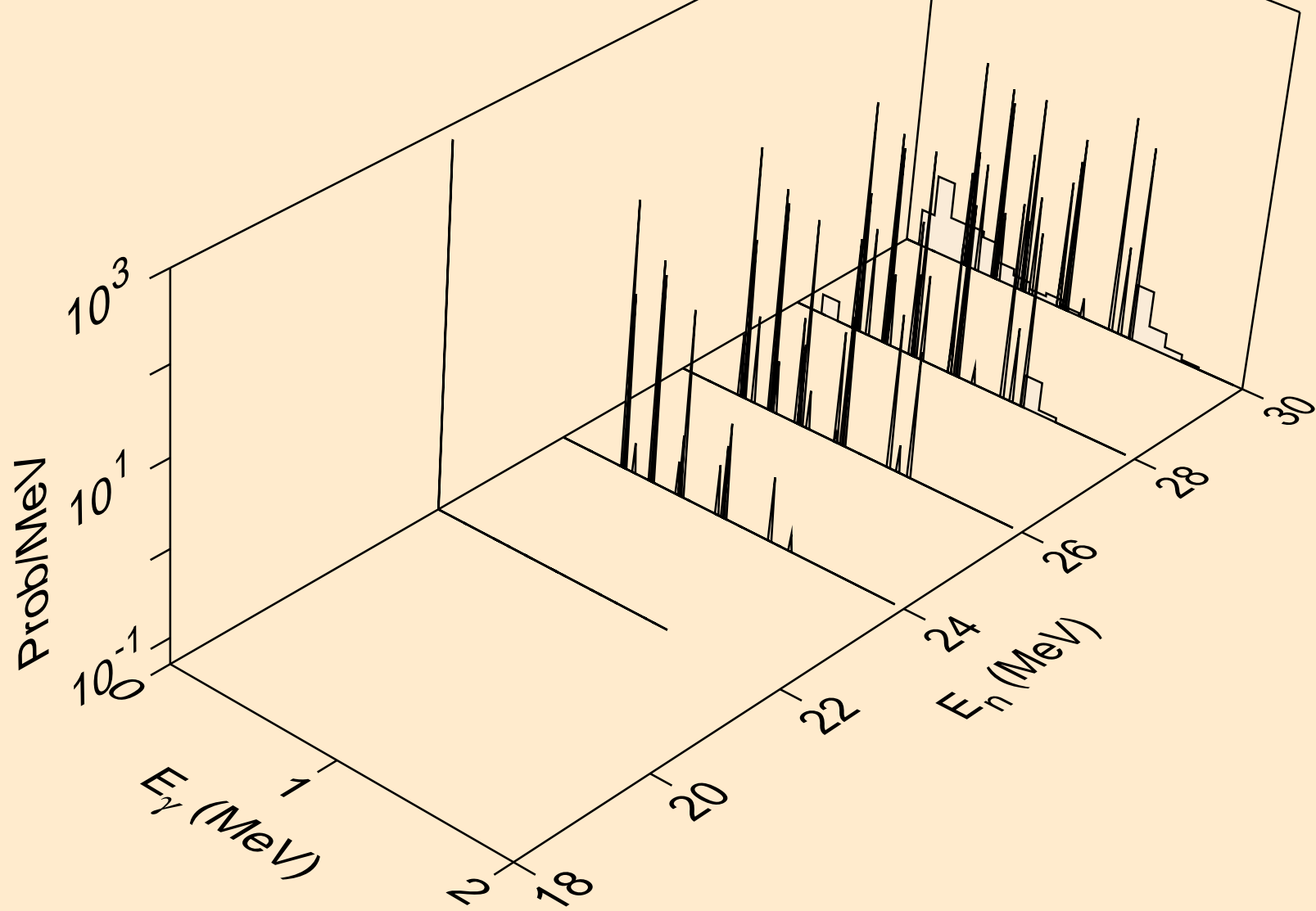
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Photon emission for (n,pd)



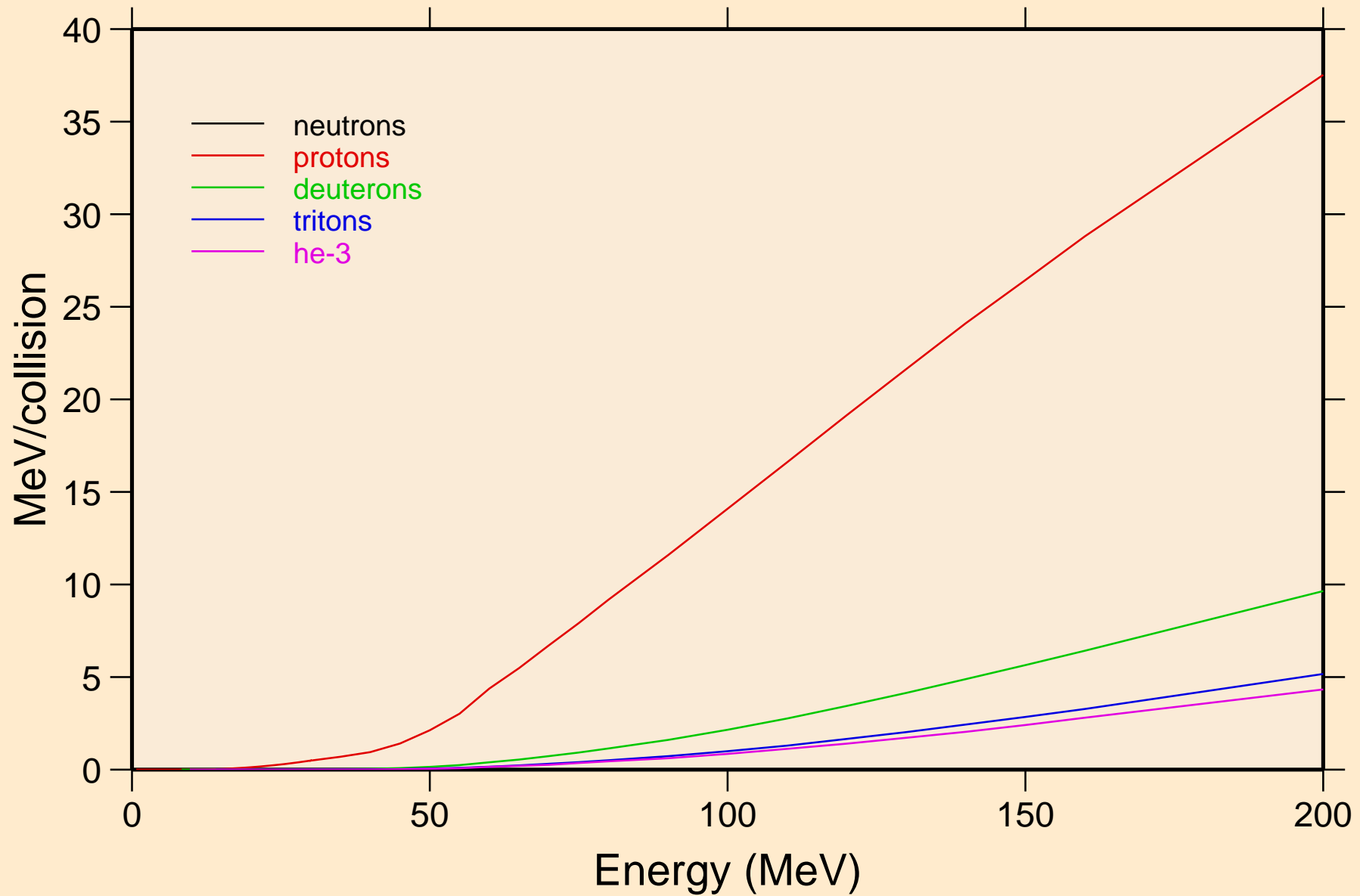
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Photon emission for (n,pt)



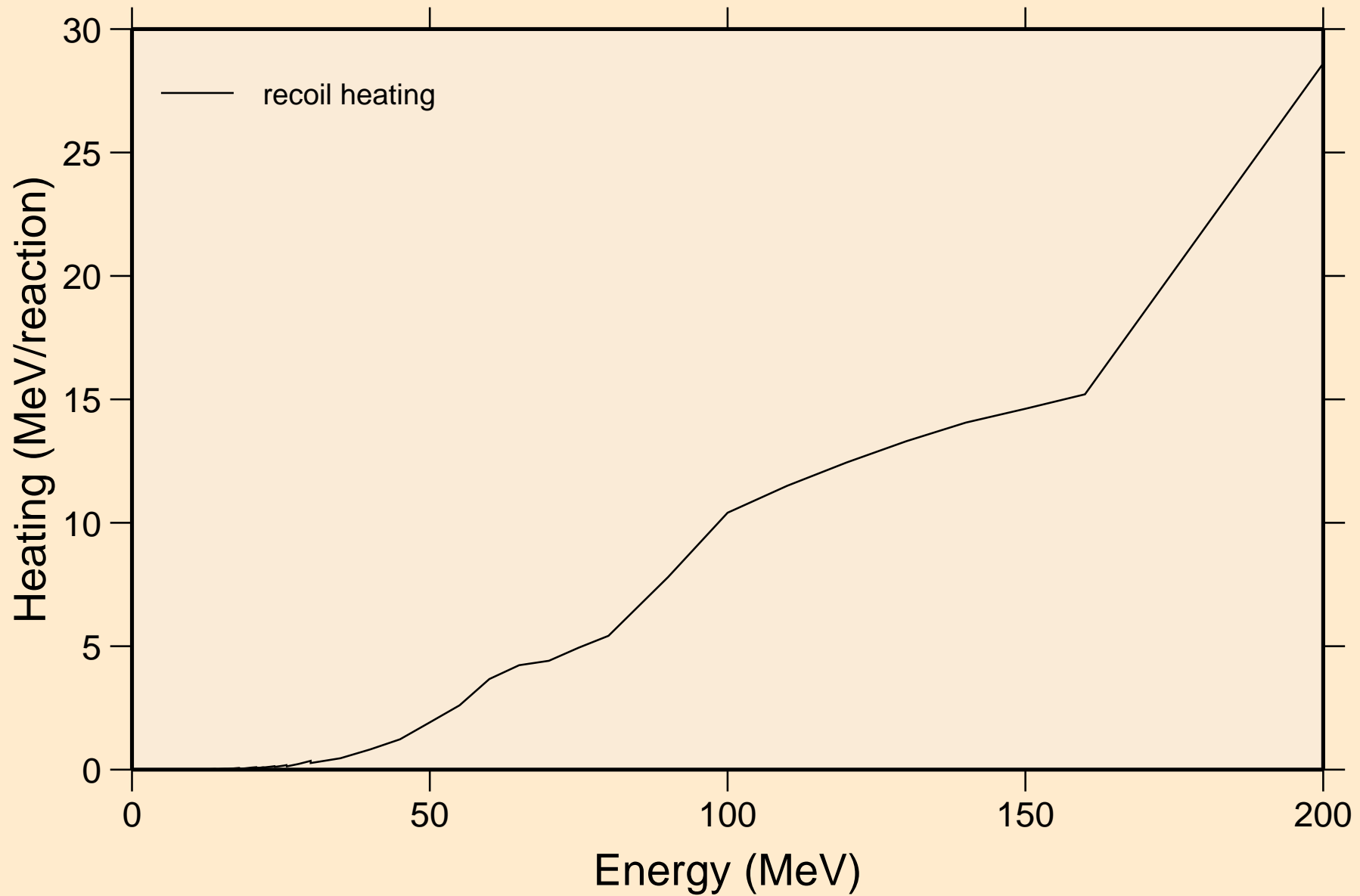
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Photon emission for (n,da)



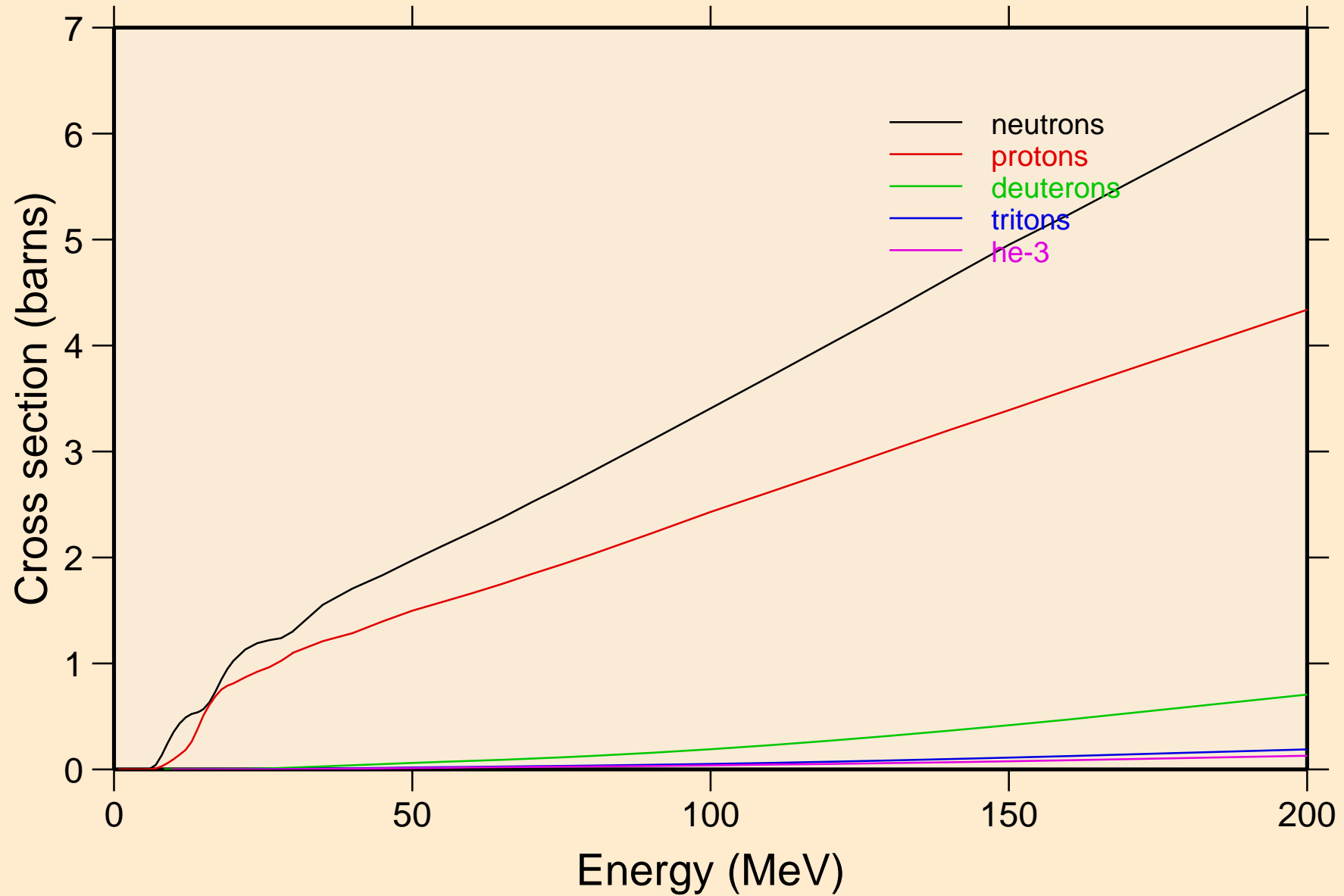
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Particle heating contributions



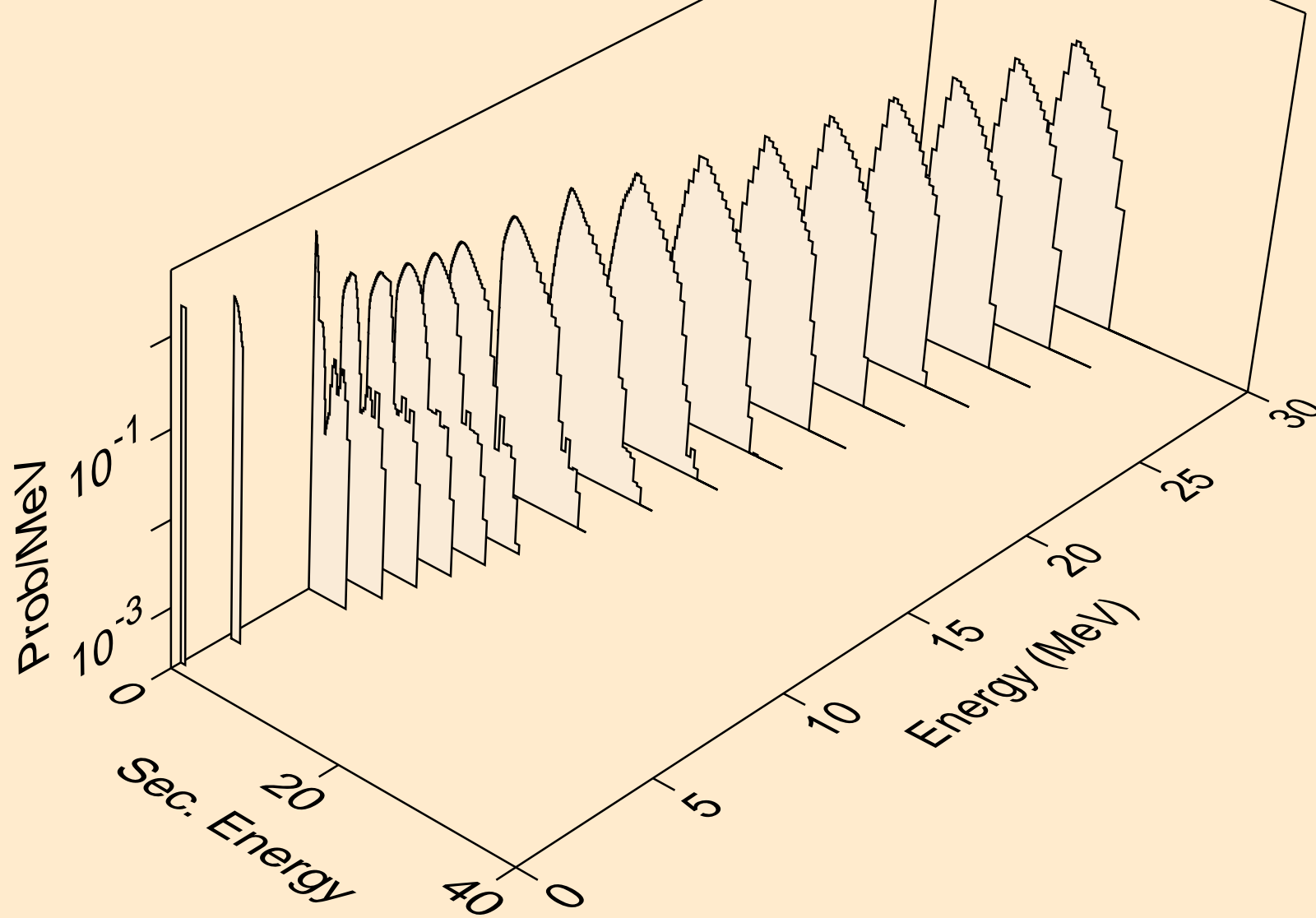
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

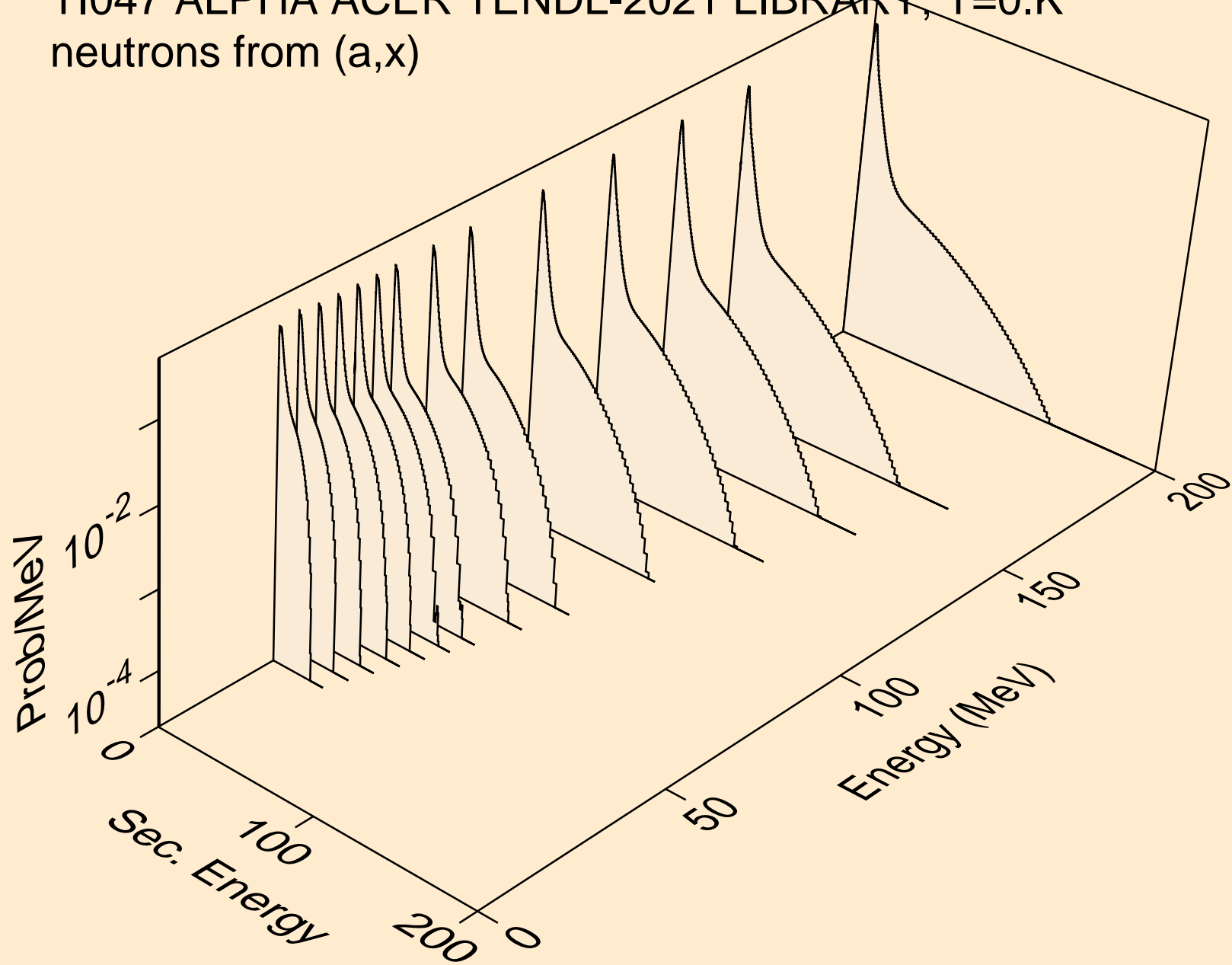


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

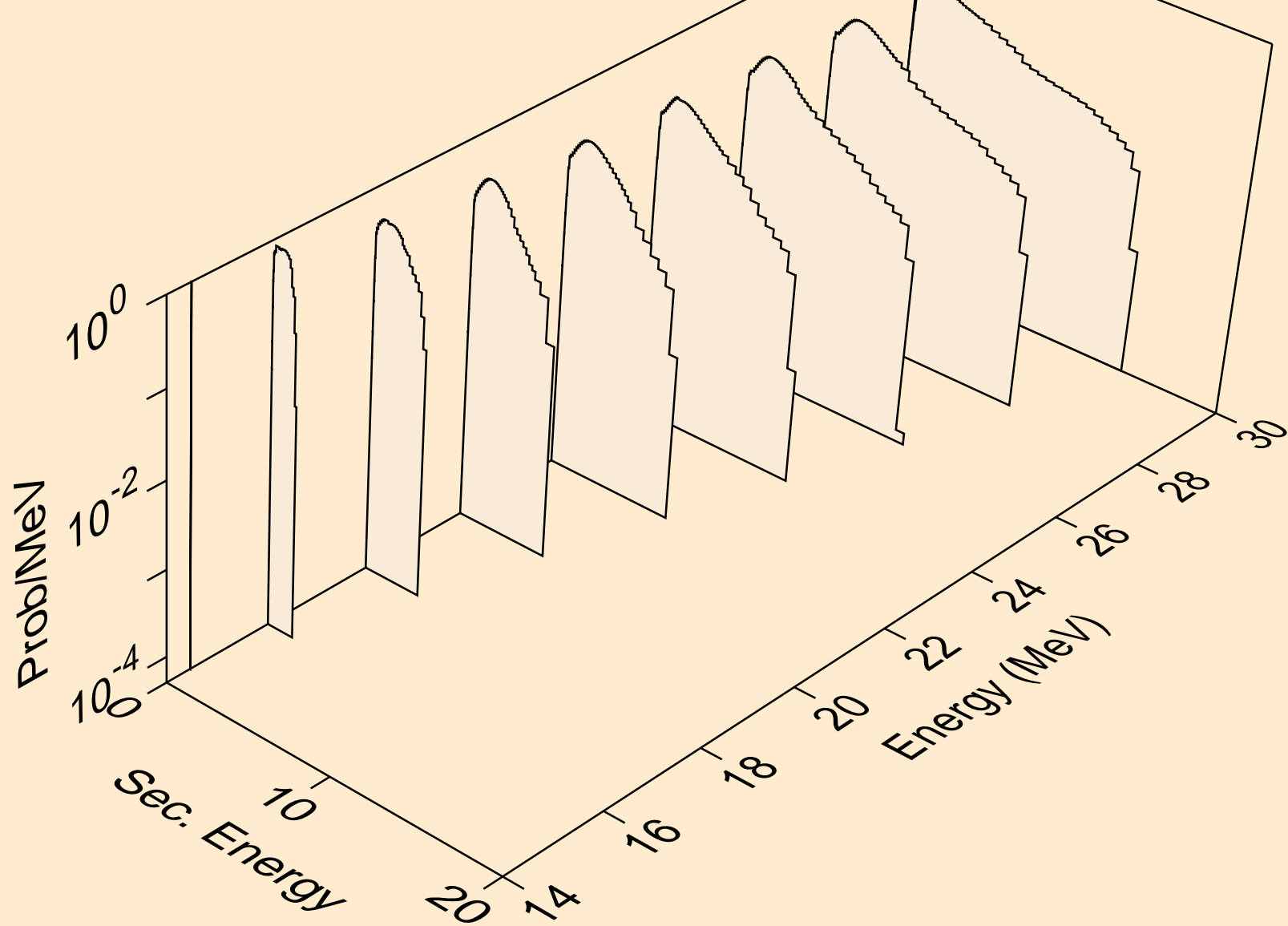




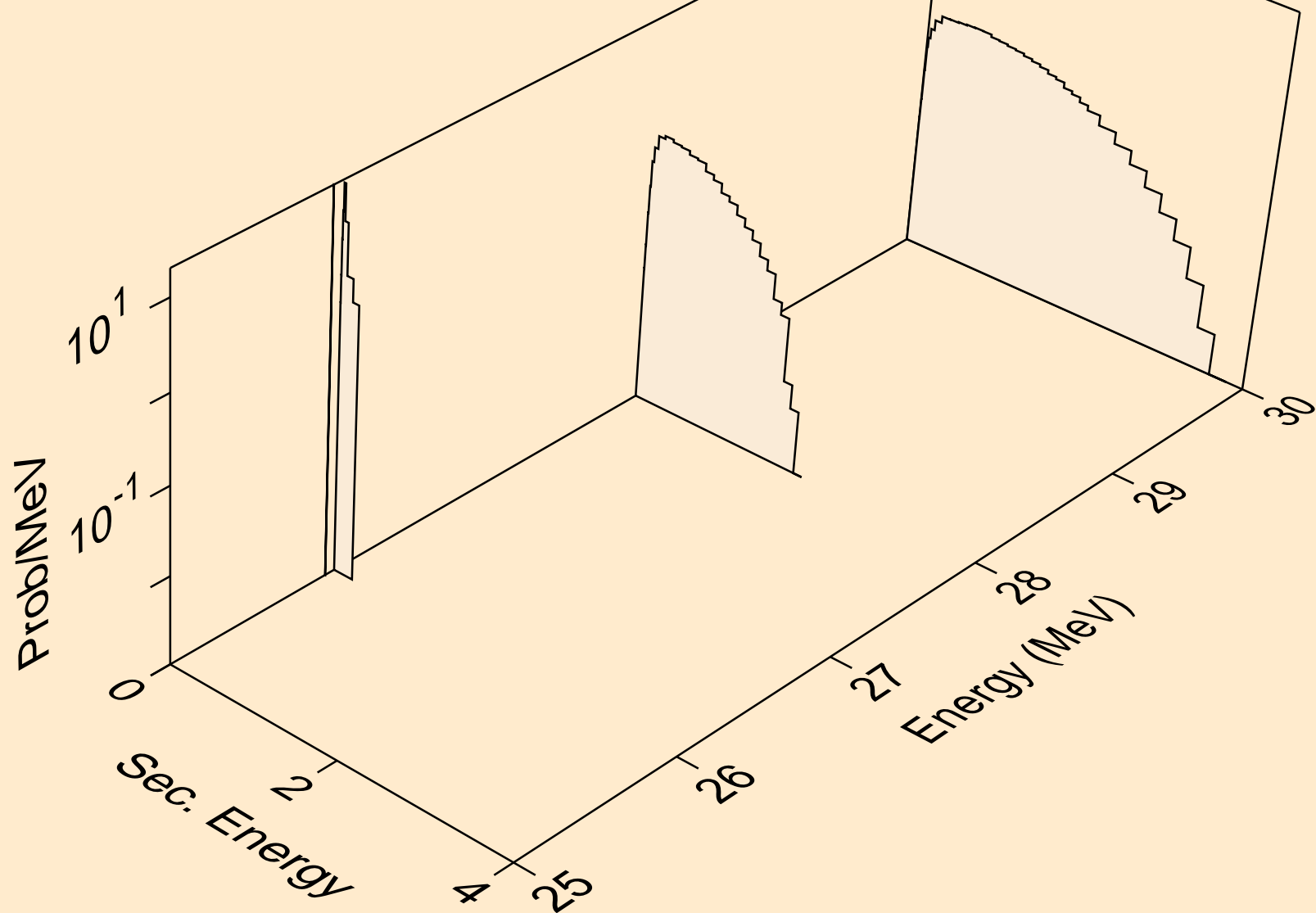
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



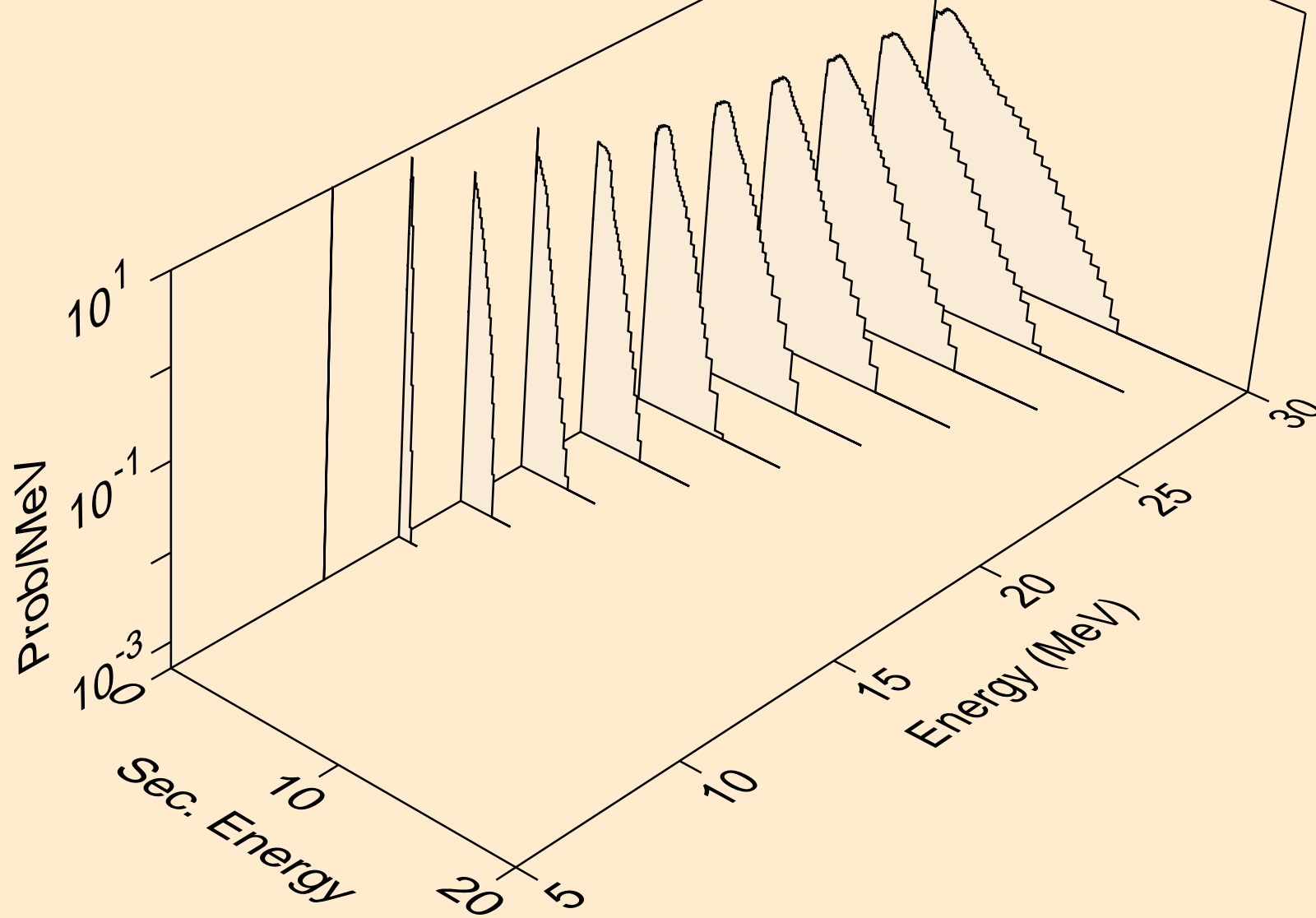
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neutrons from (a,2n)



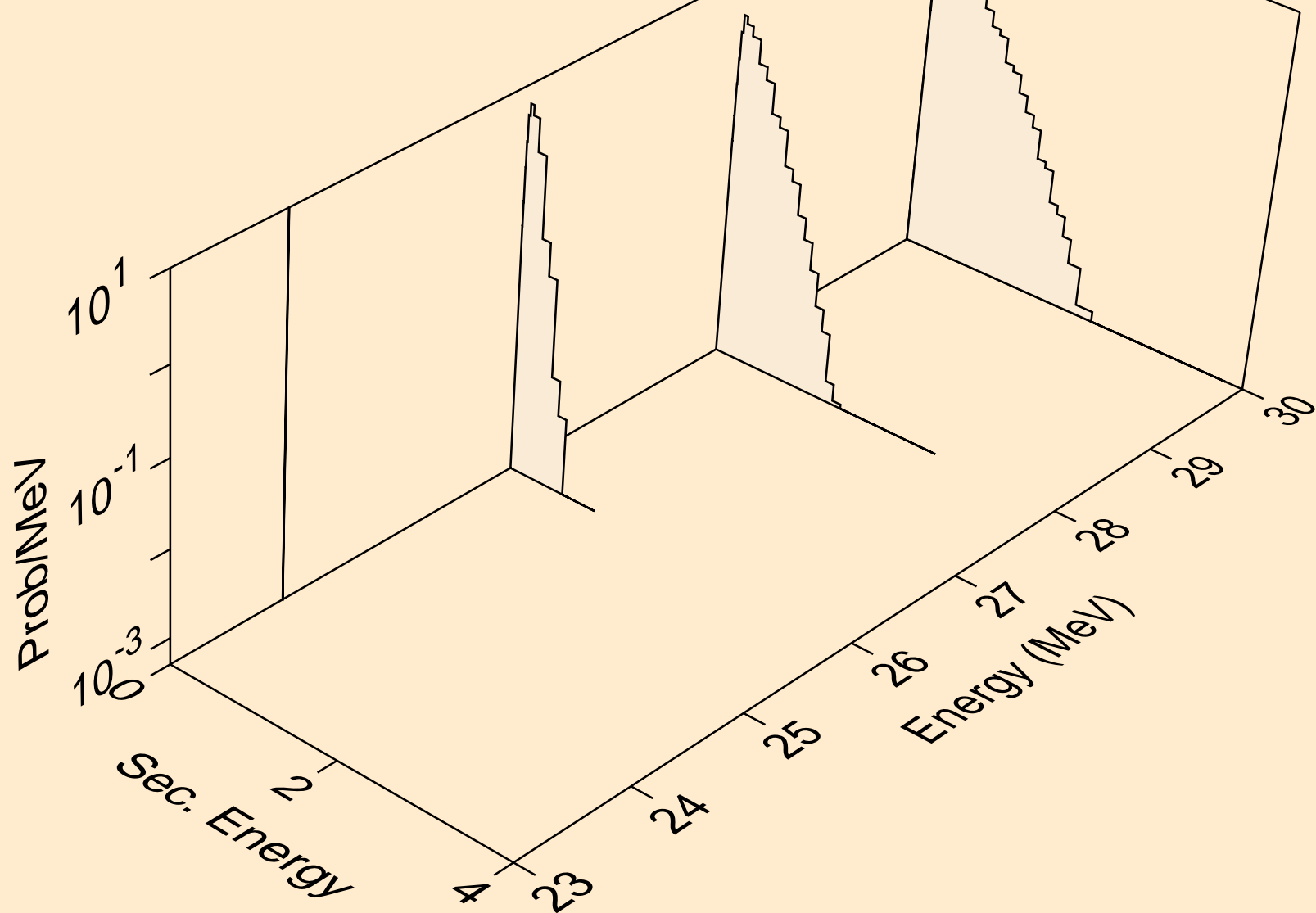
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



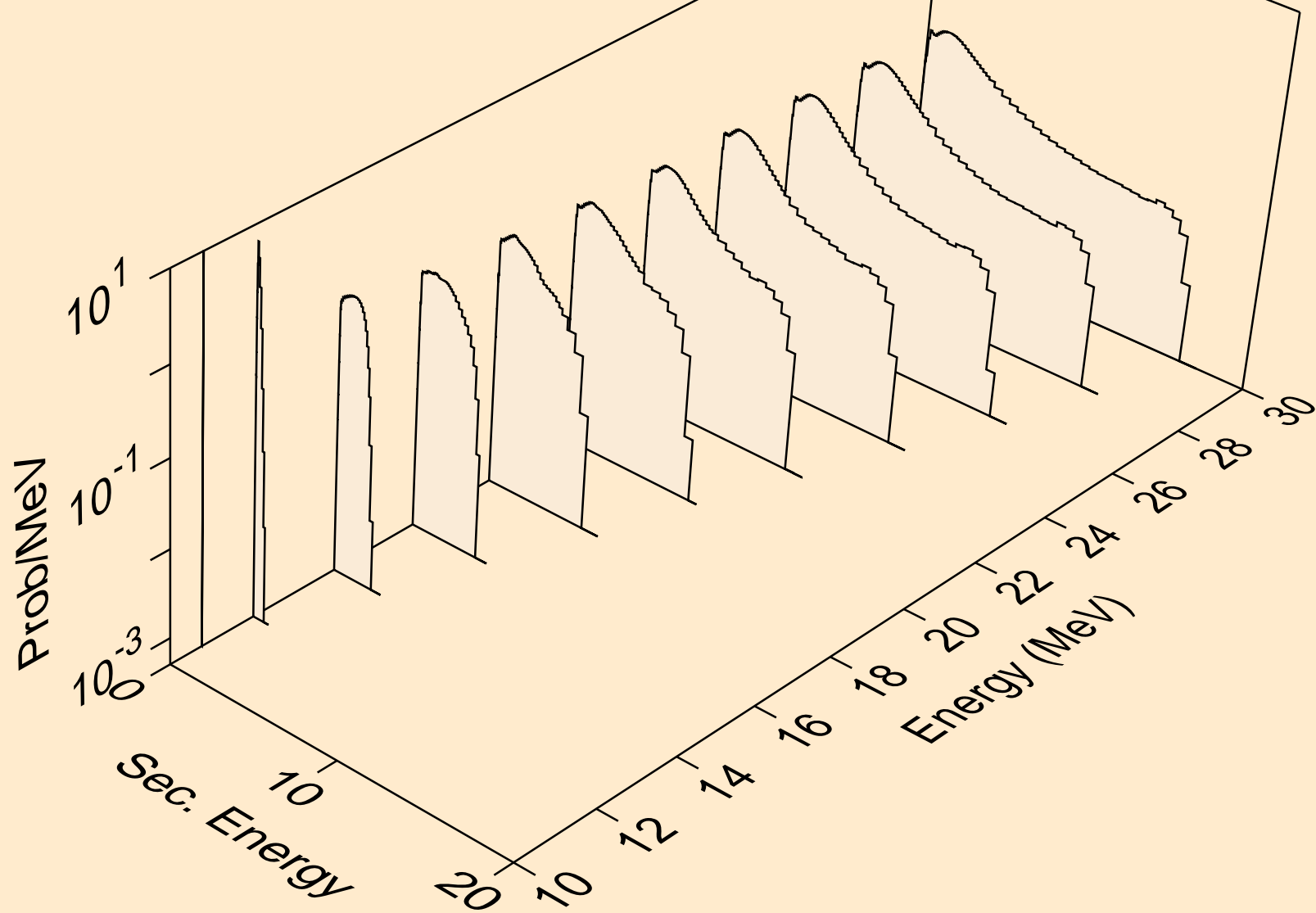
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



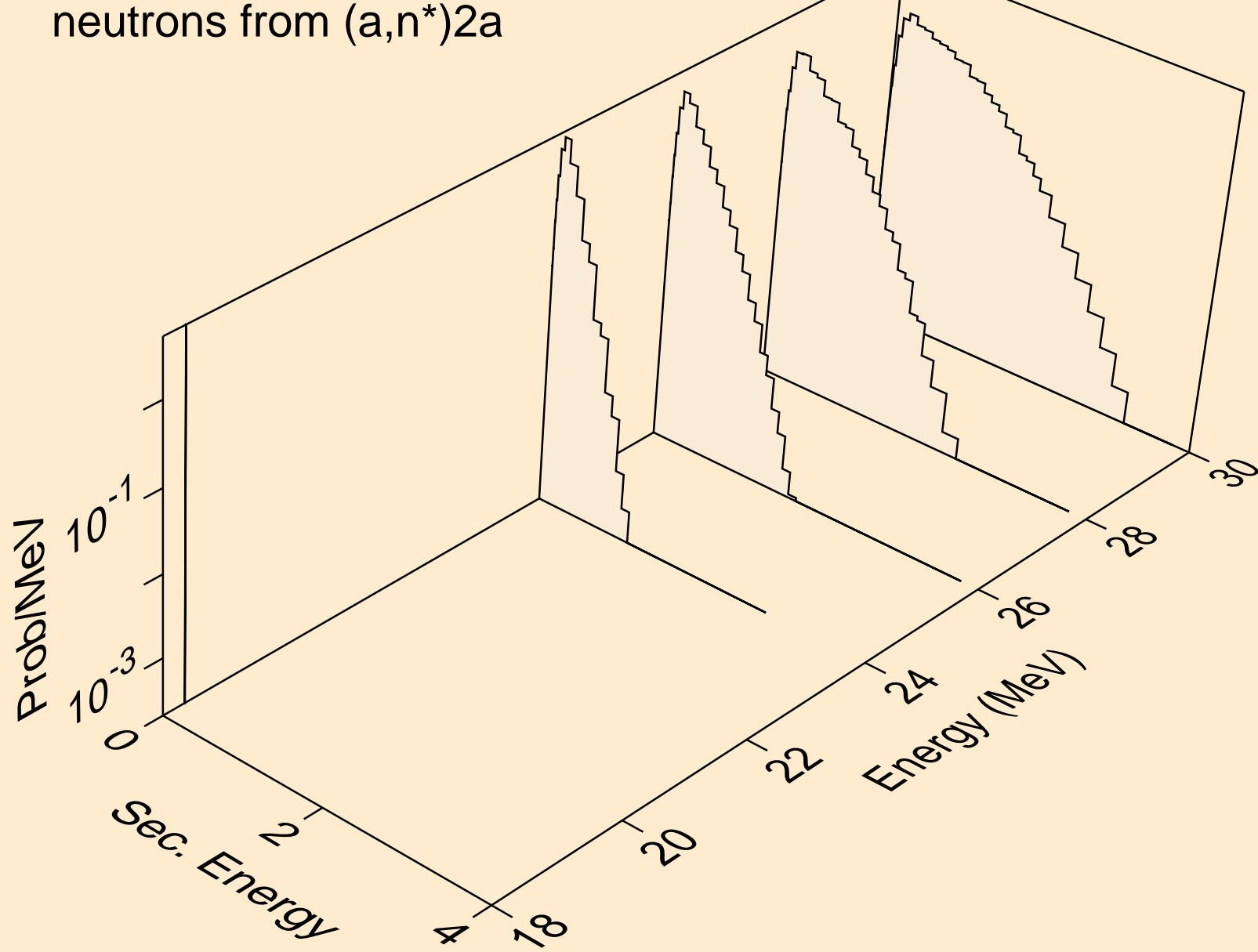
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neutrons from (a,2n)a



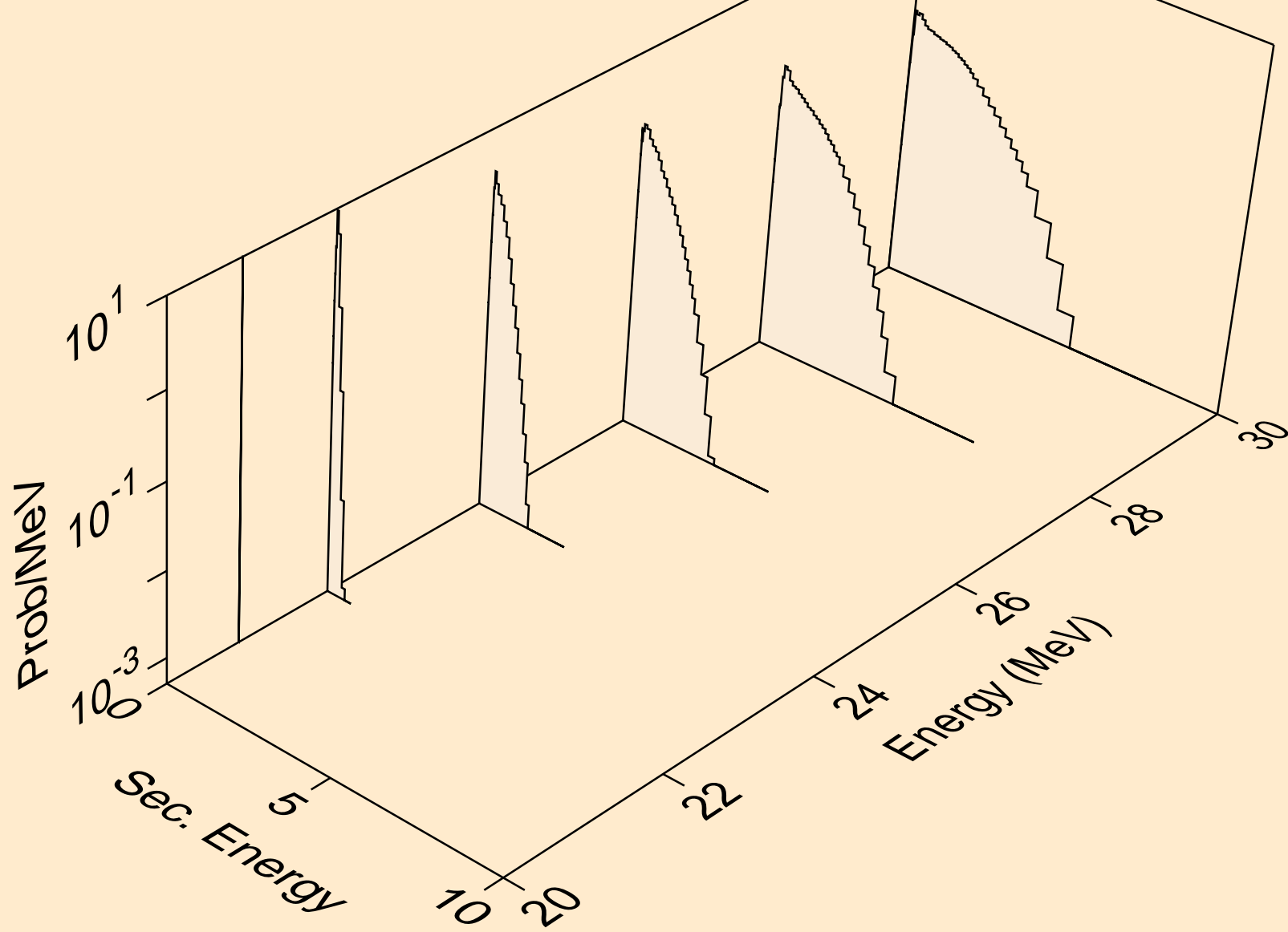
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

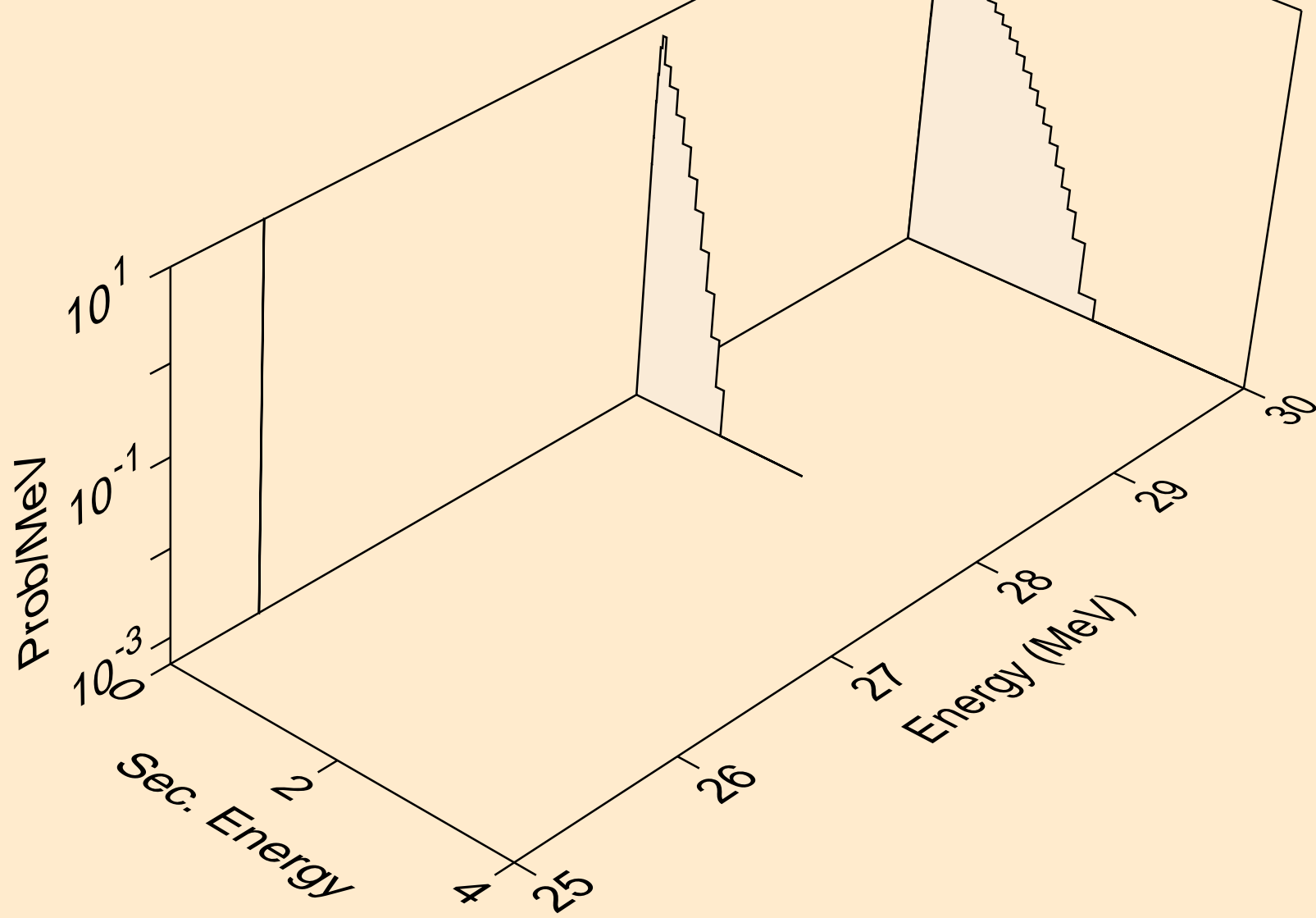


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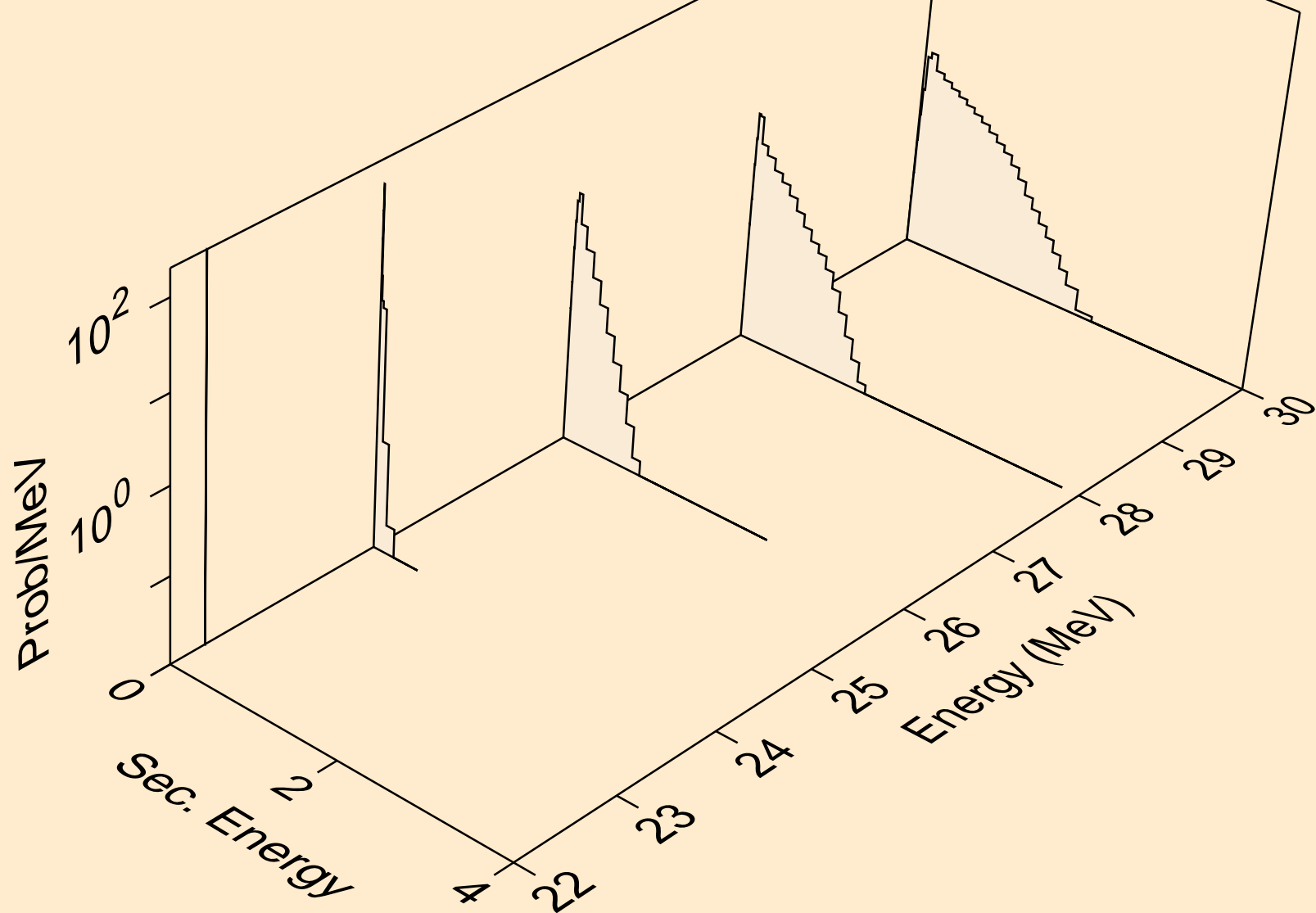




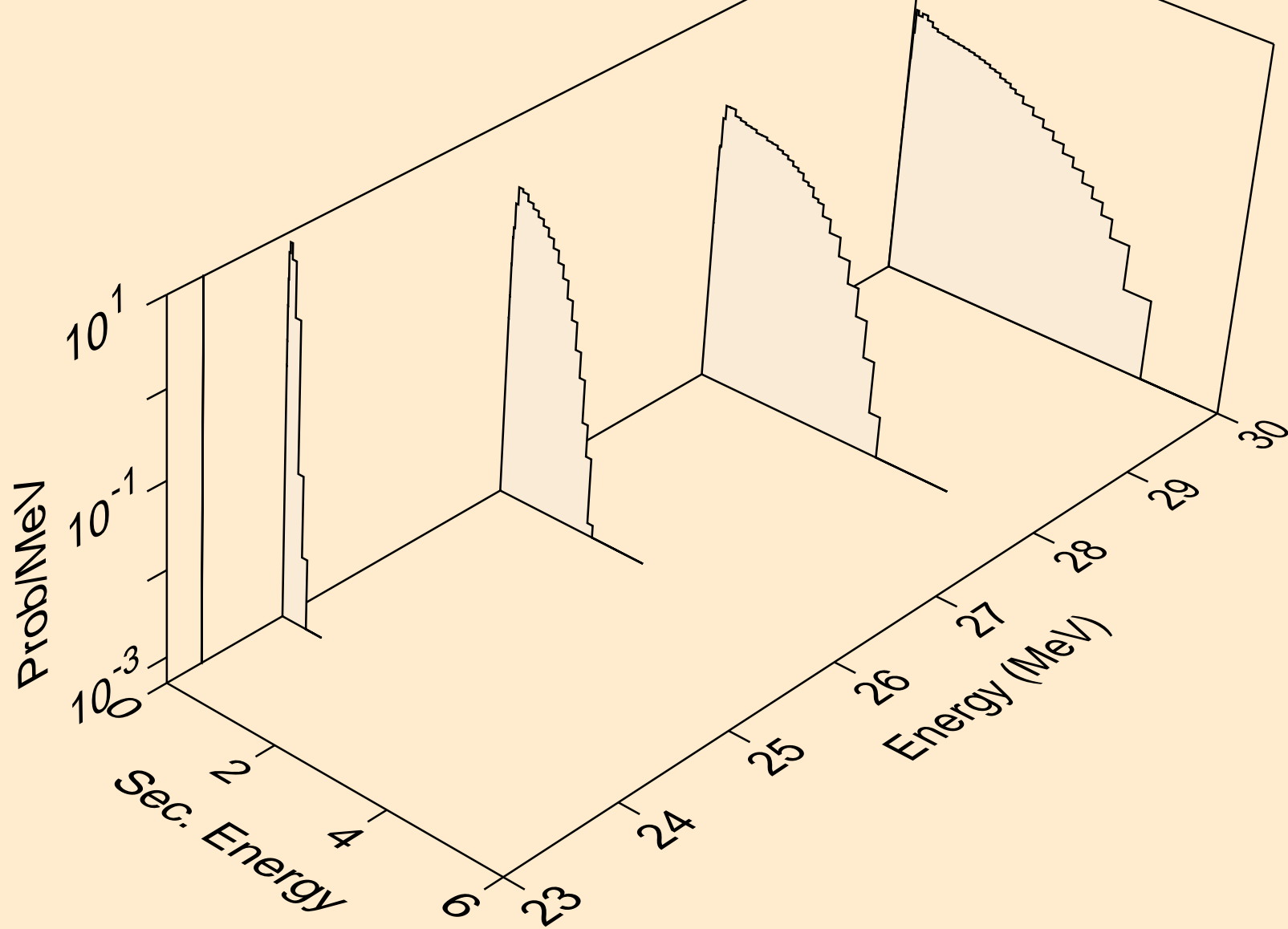
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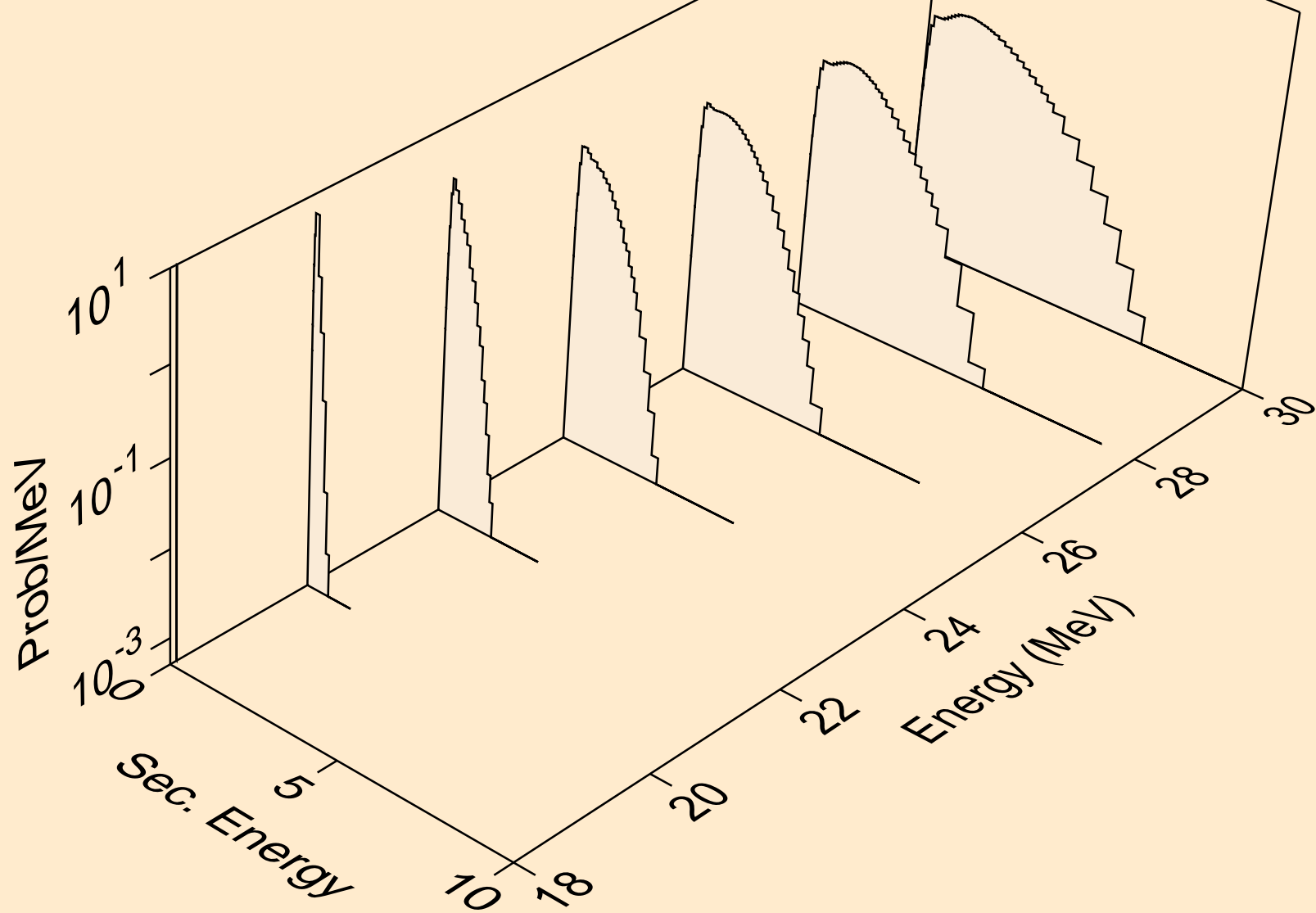
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neutrons from (a,n\*)he3



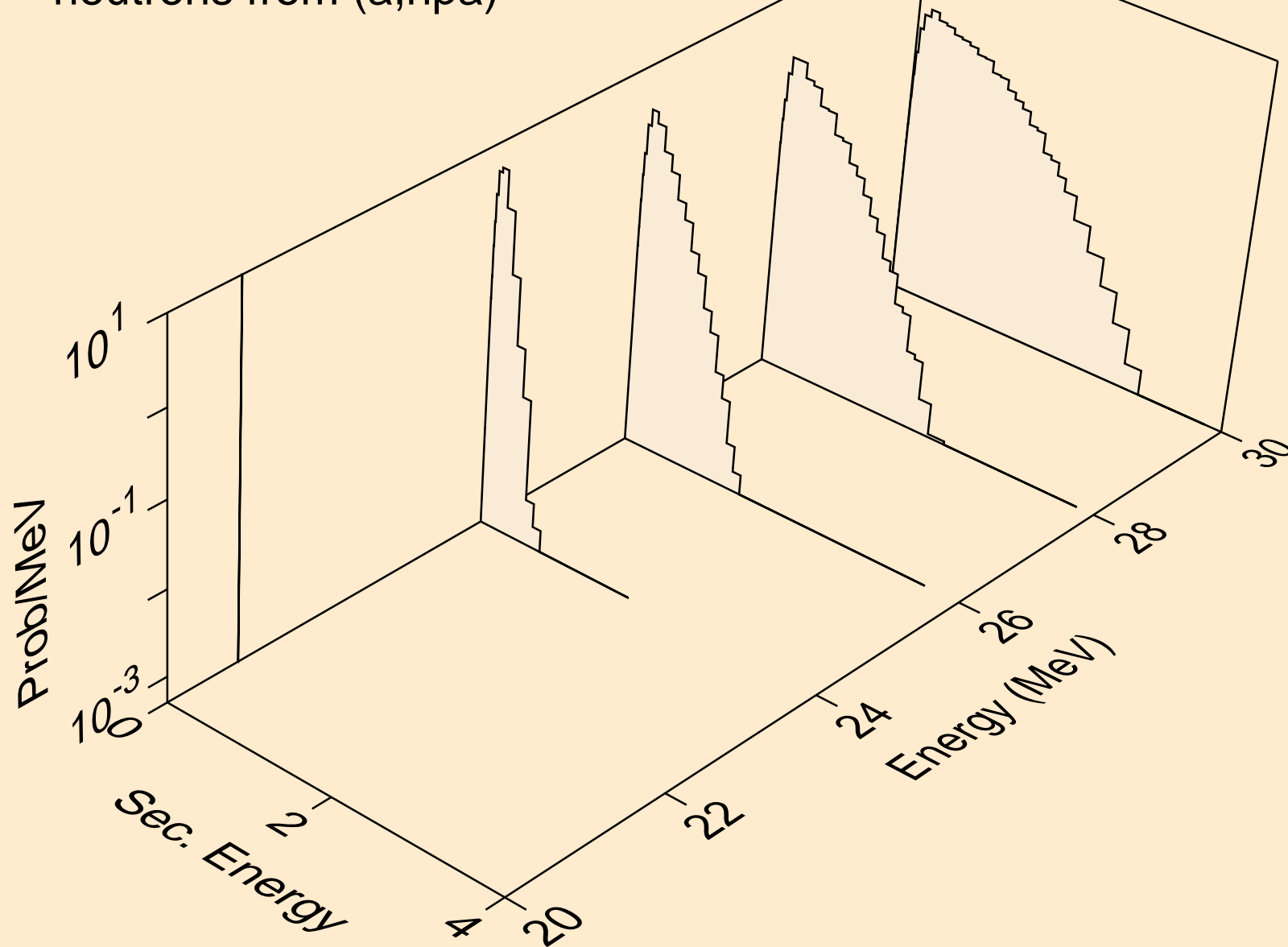
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neutrons from (a,2np)



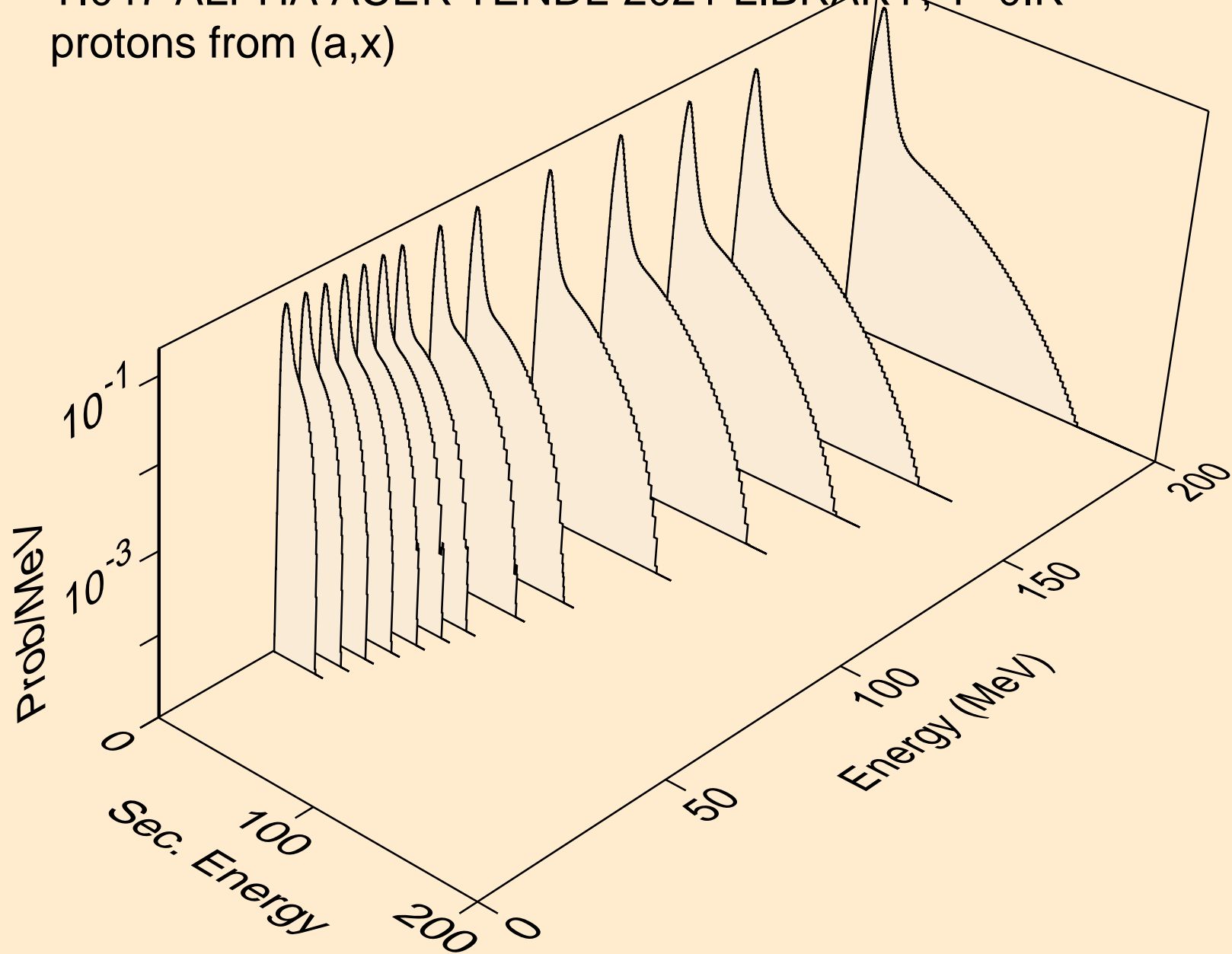
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neutrons from (a,2np)



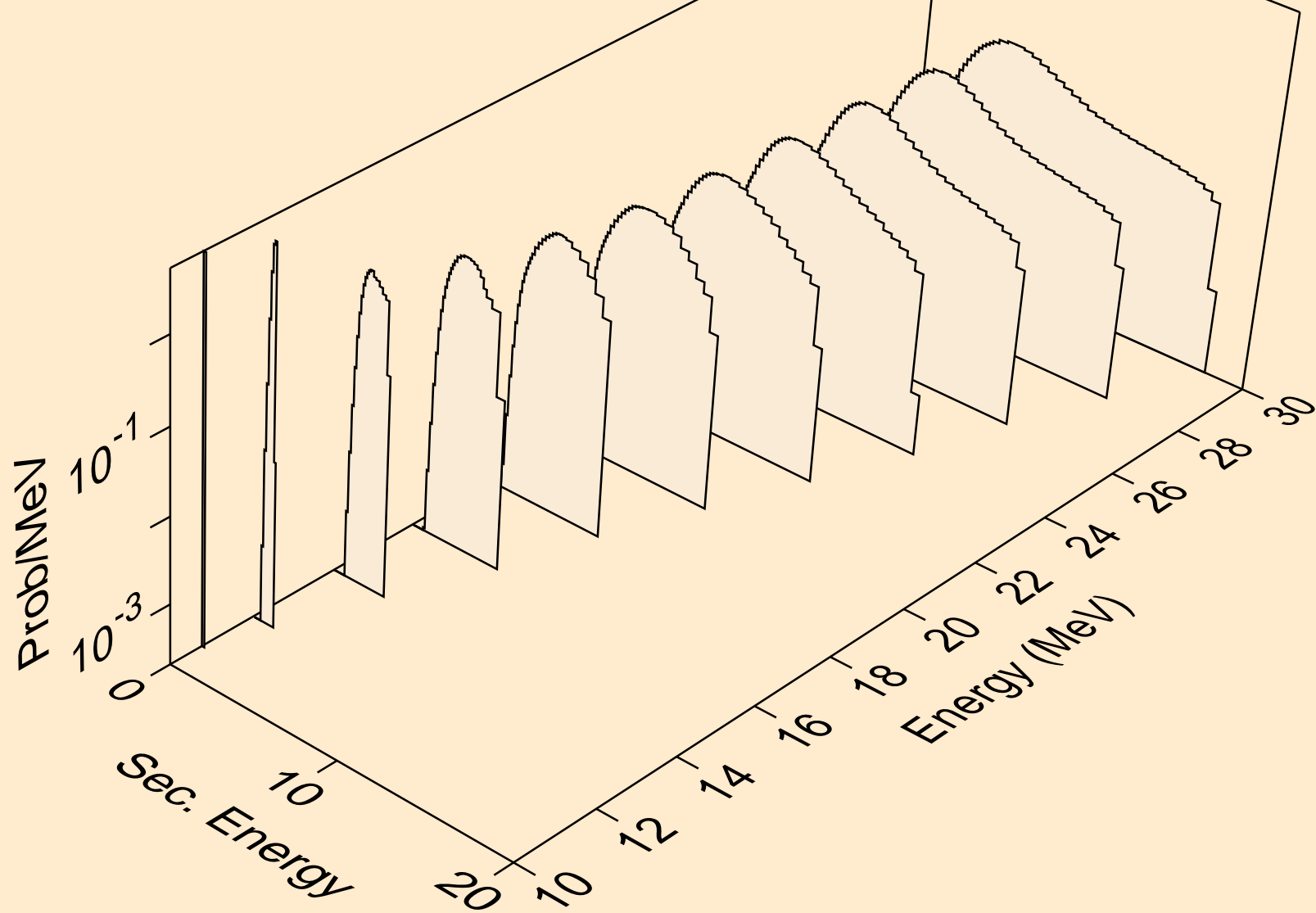
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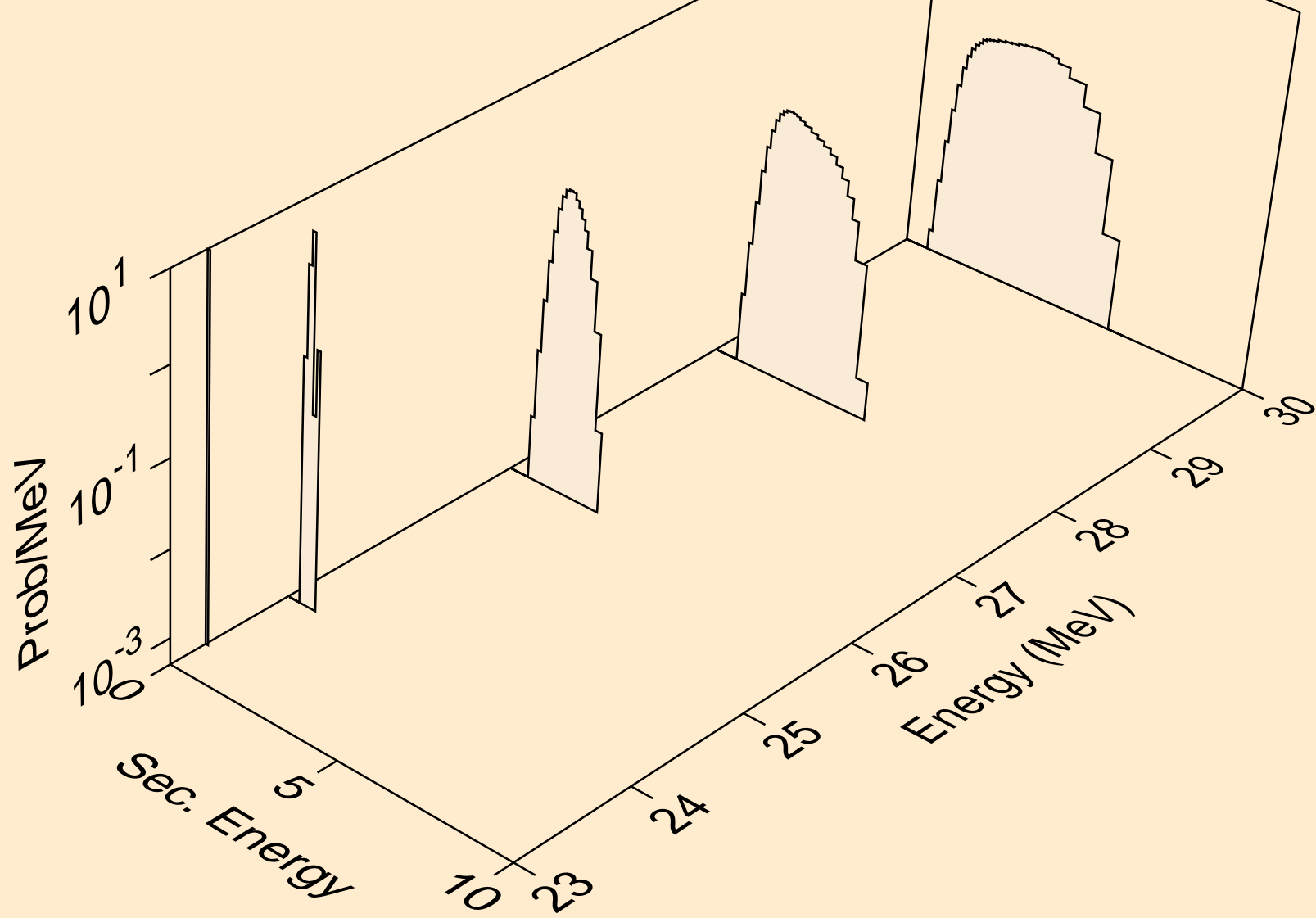
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

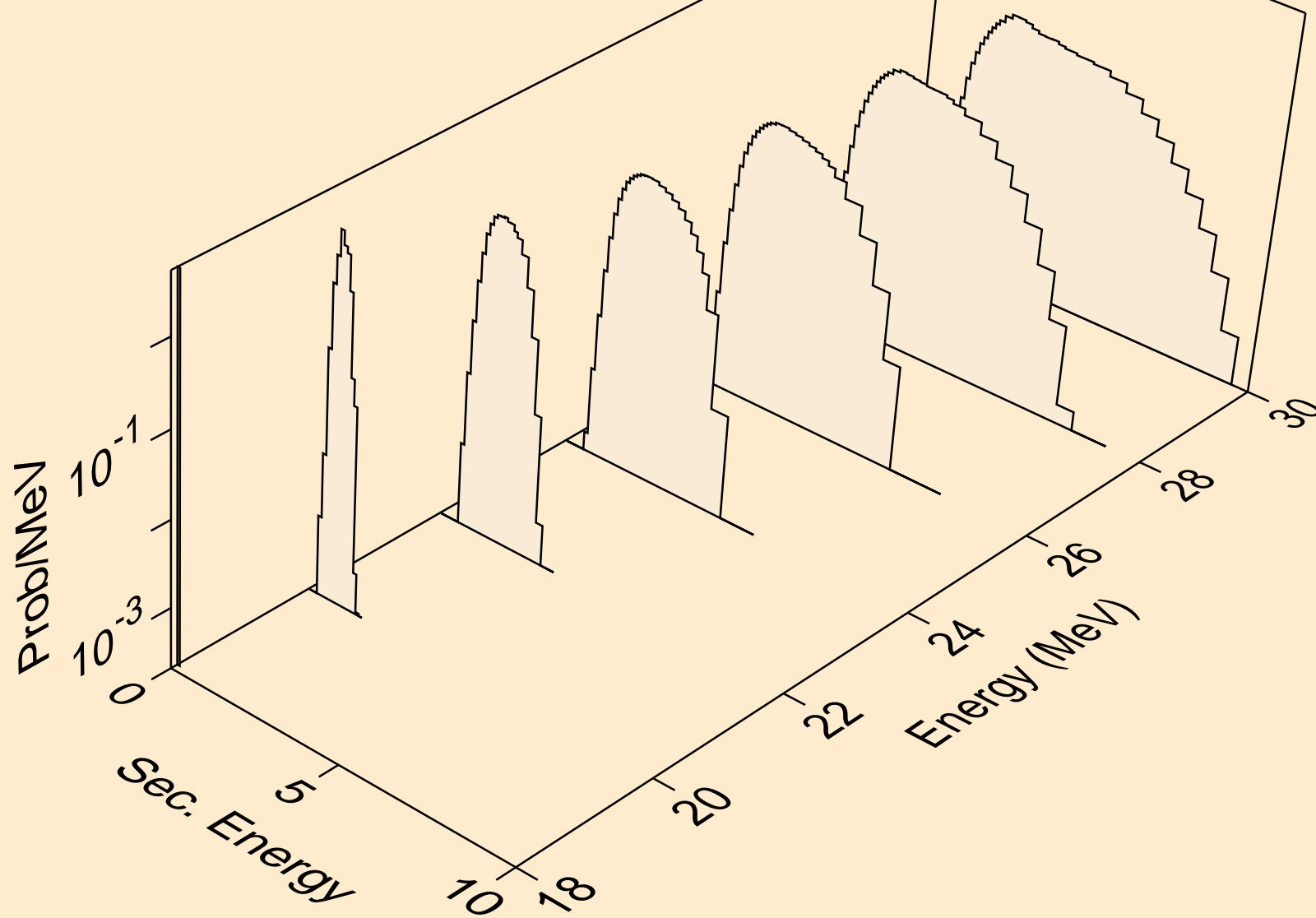


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protons from (a,2np)

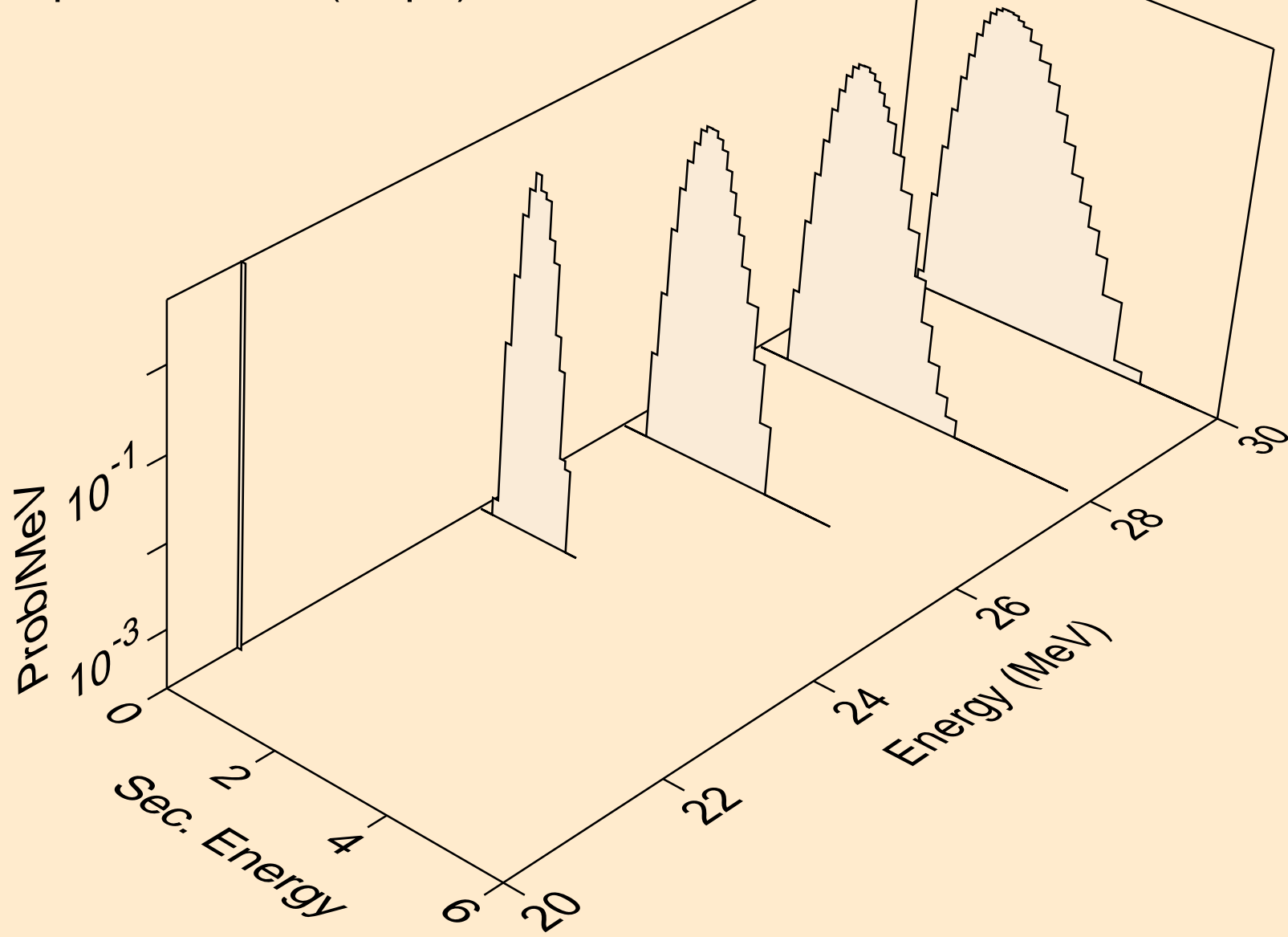




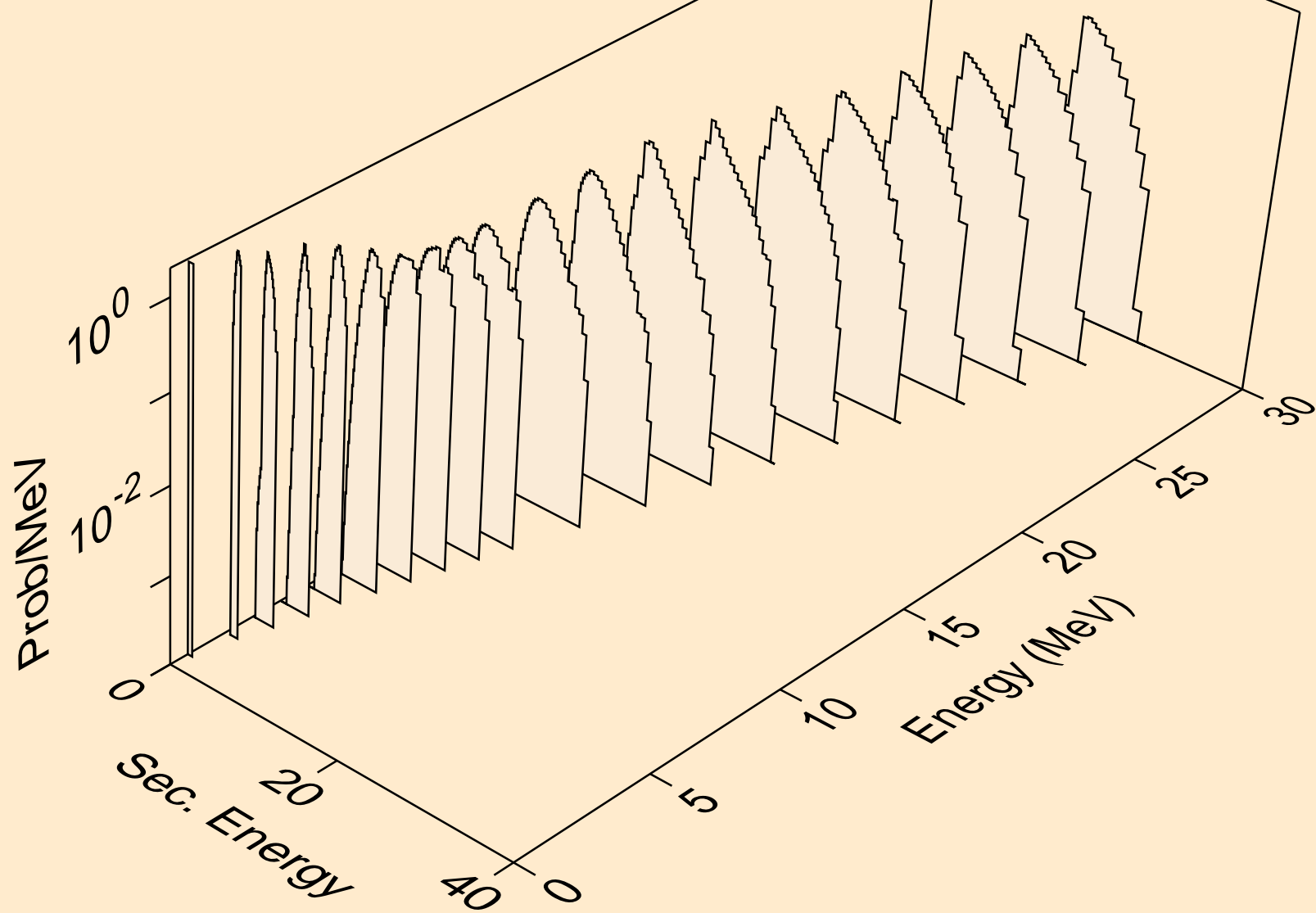
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protons from (a,2np)



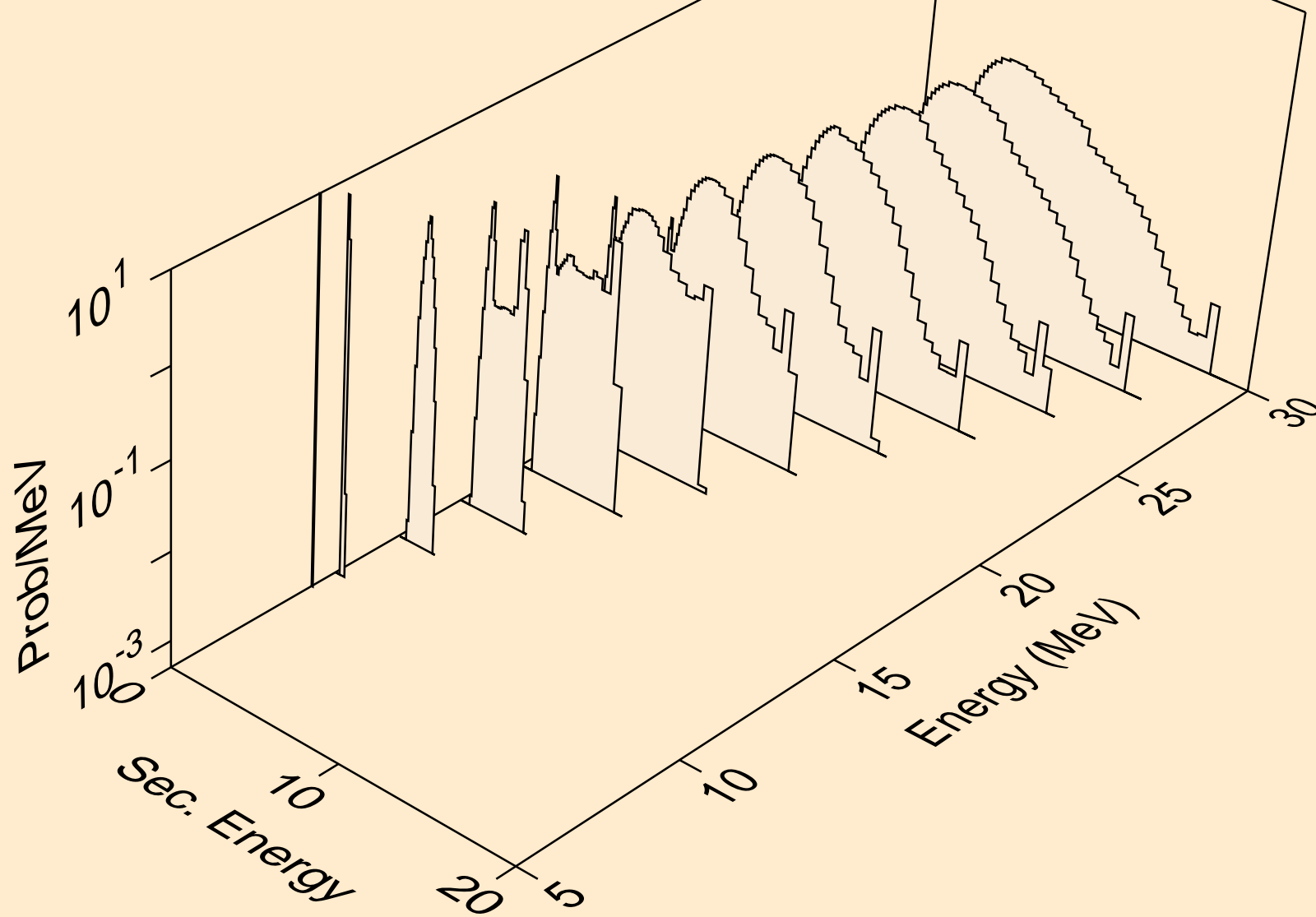
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protons from (a,npa)



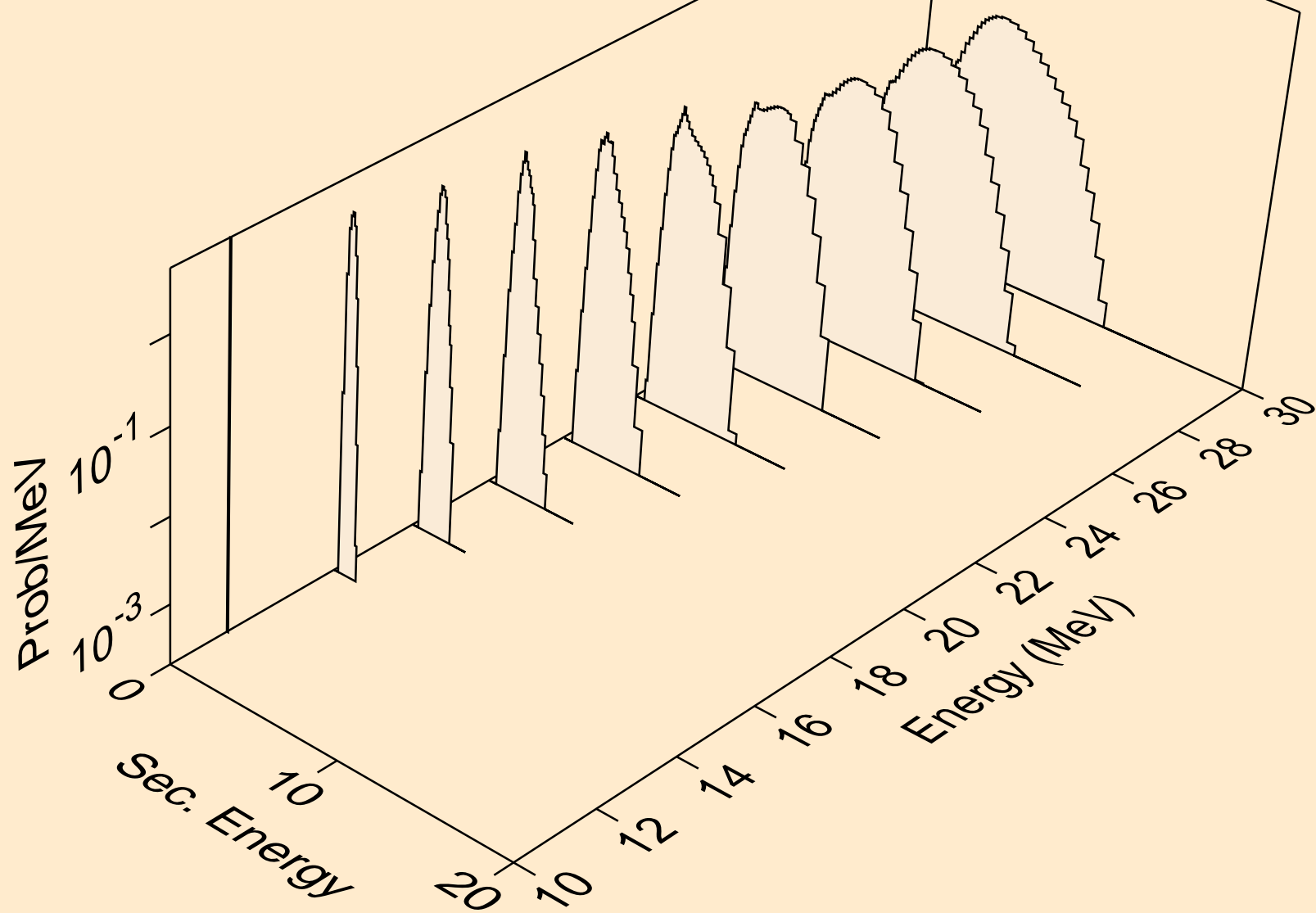
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



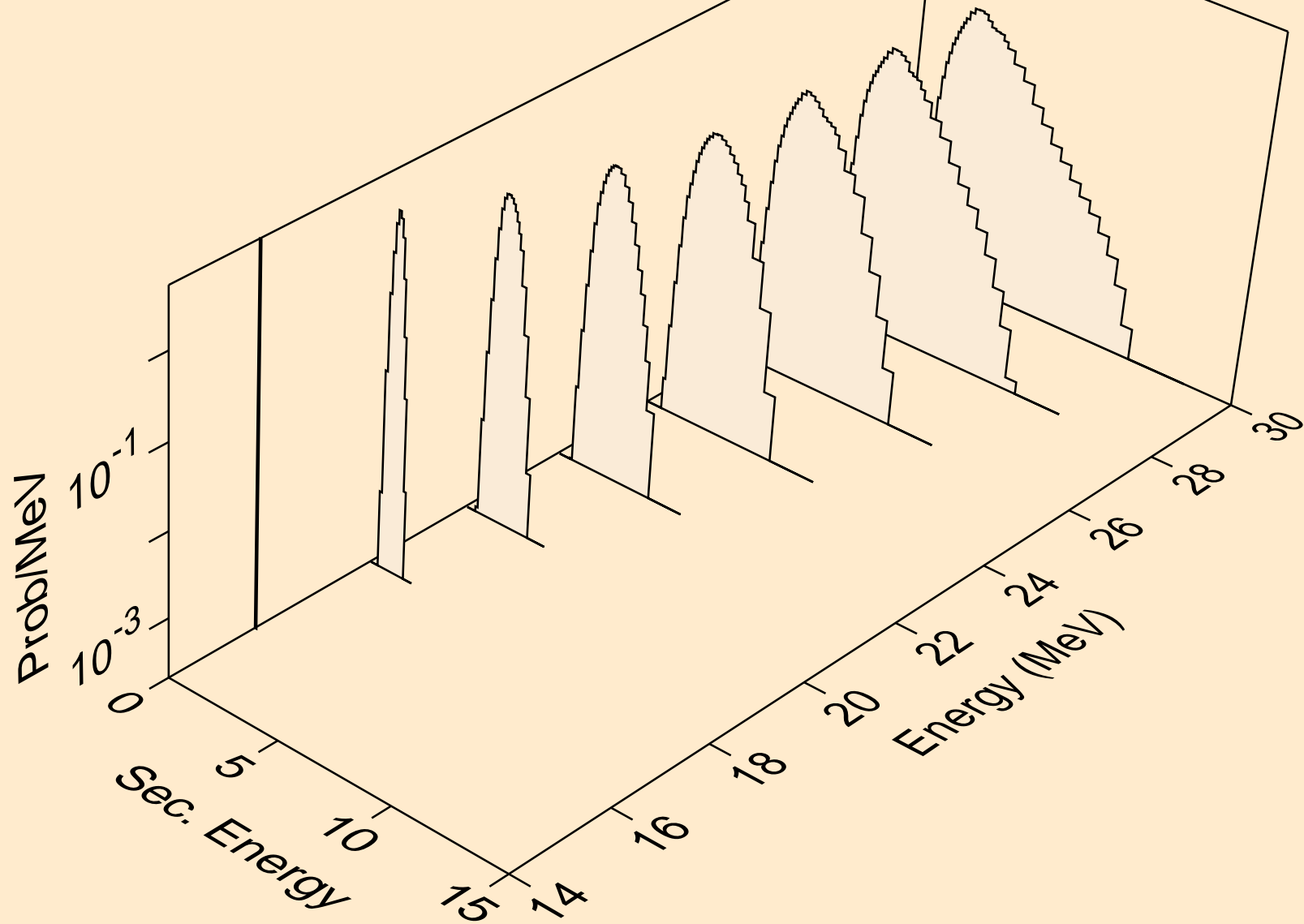
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



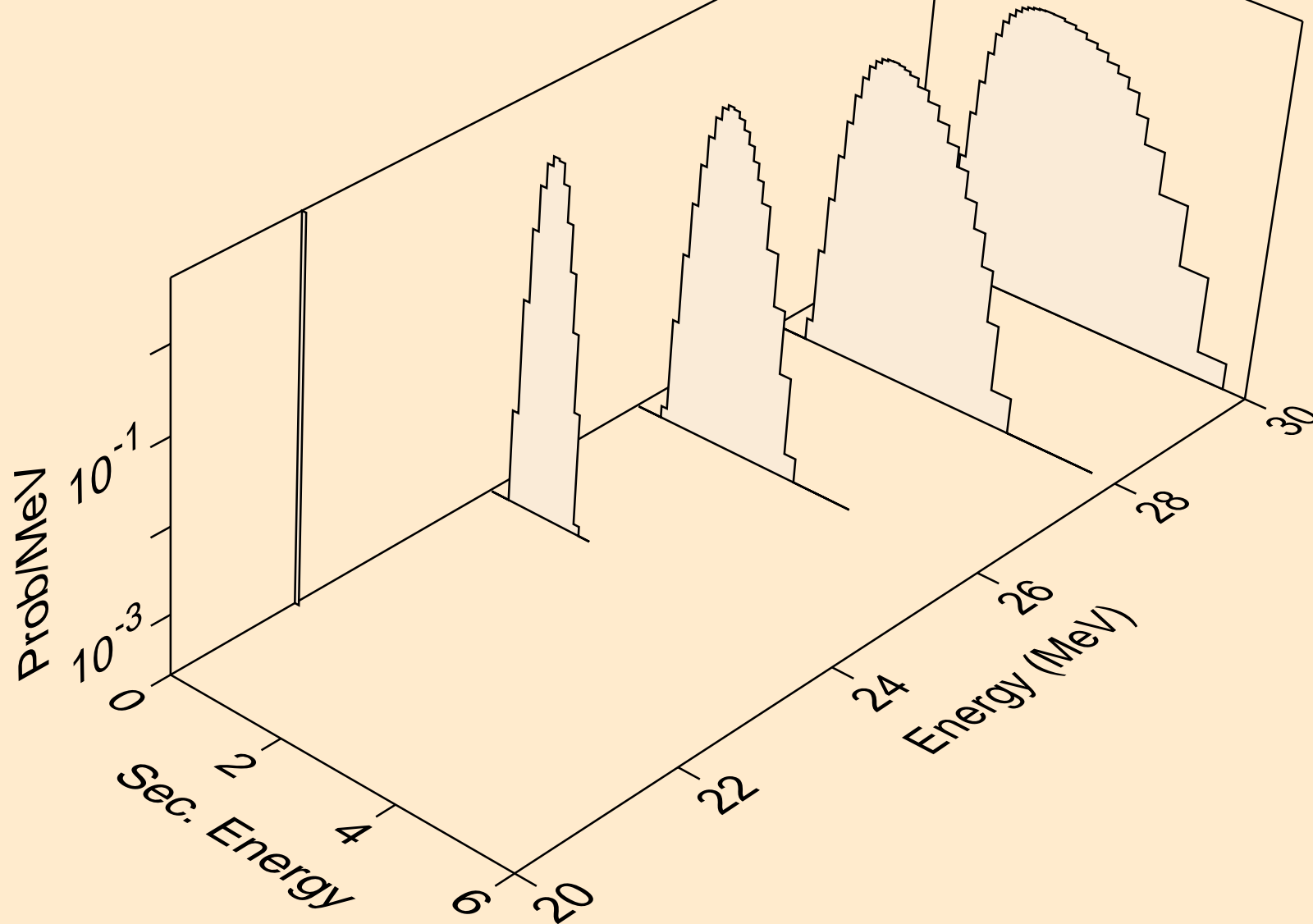
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



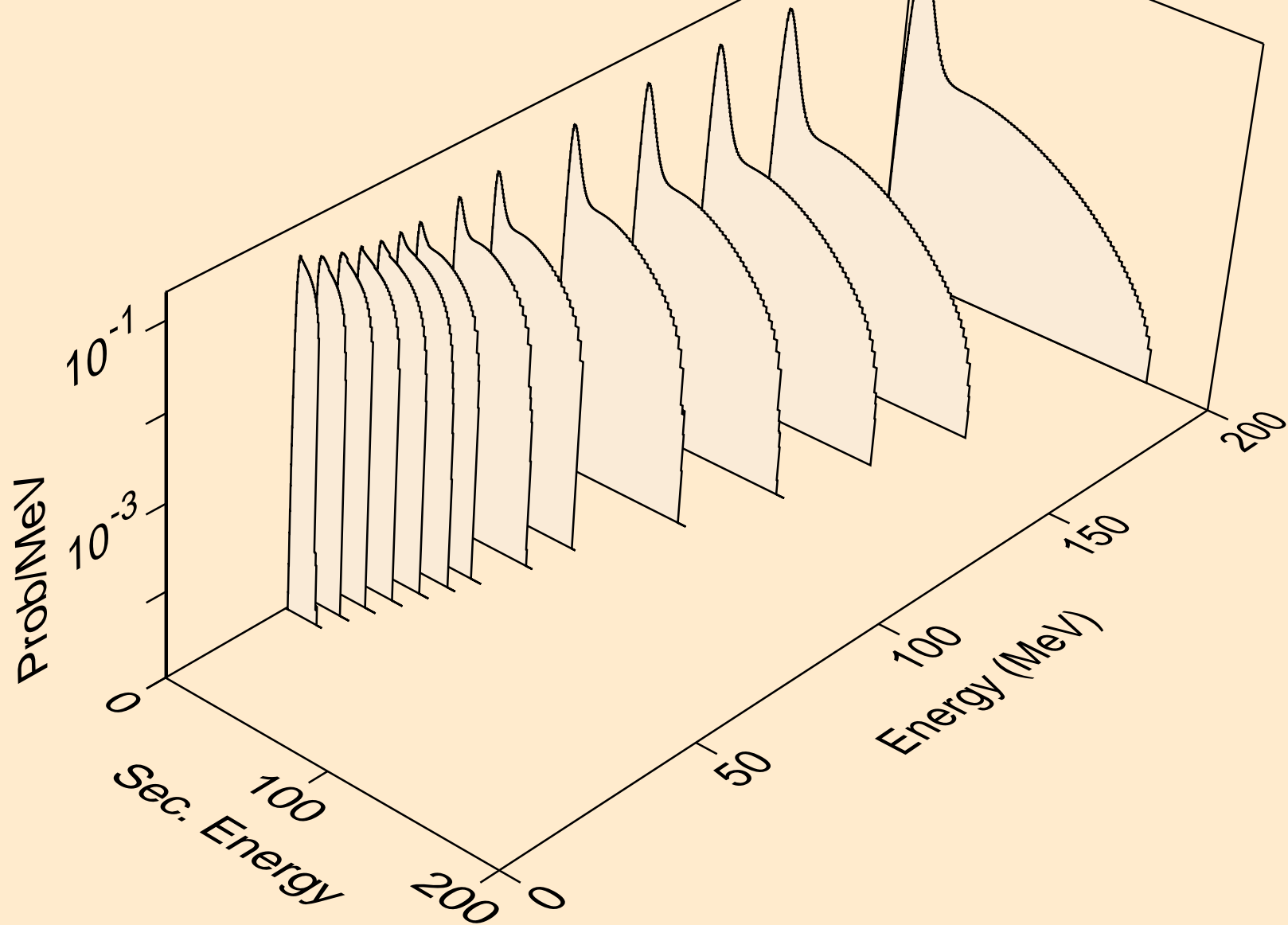
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)

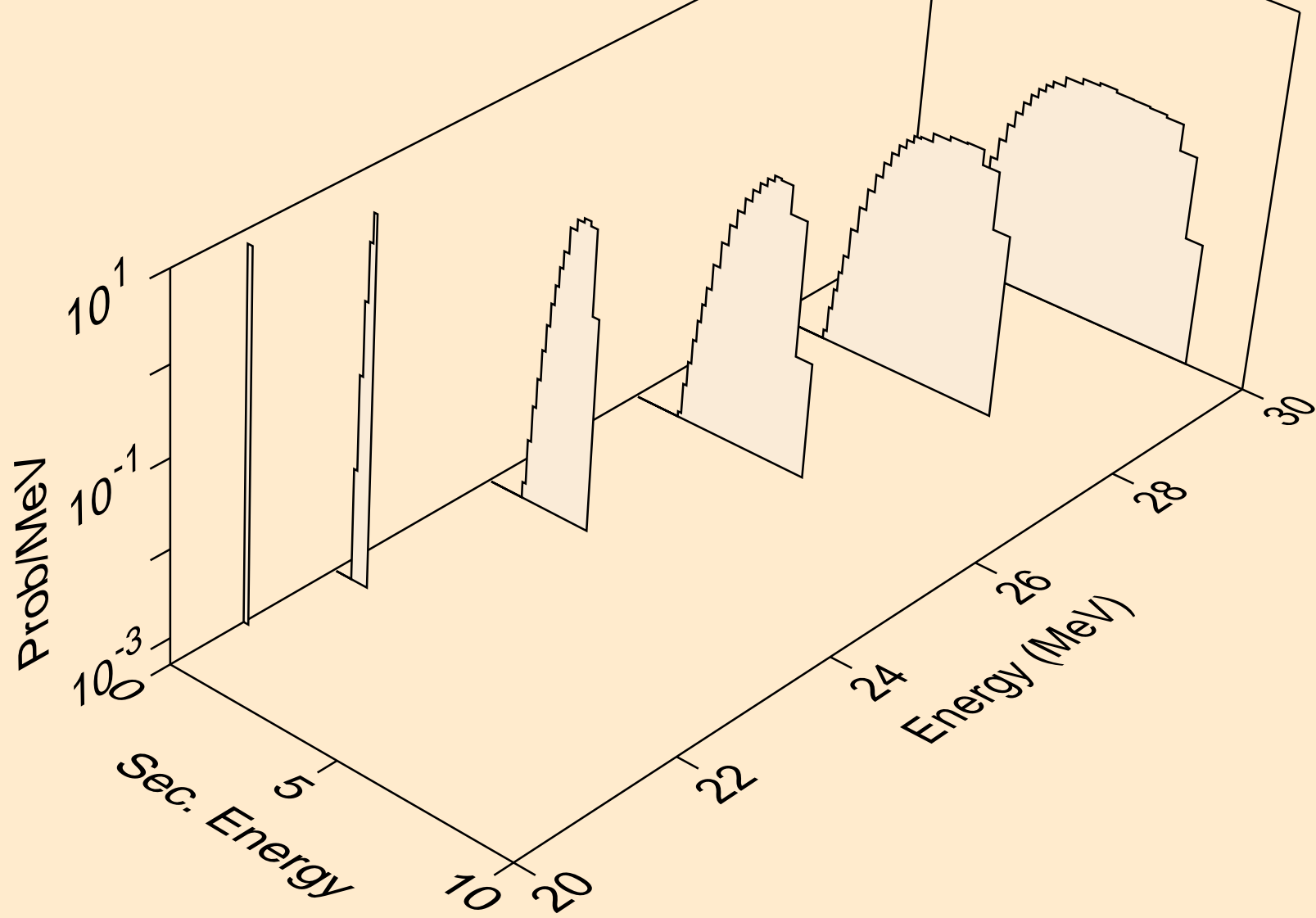


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

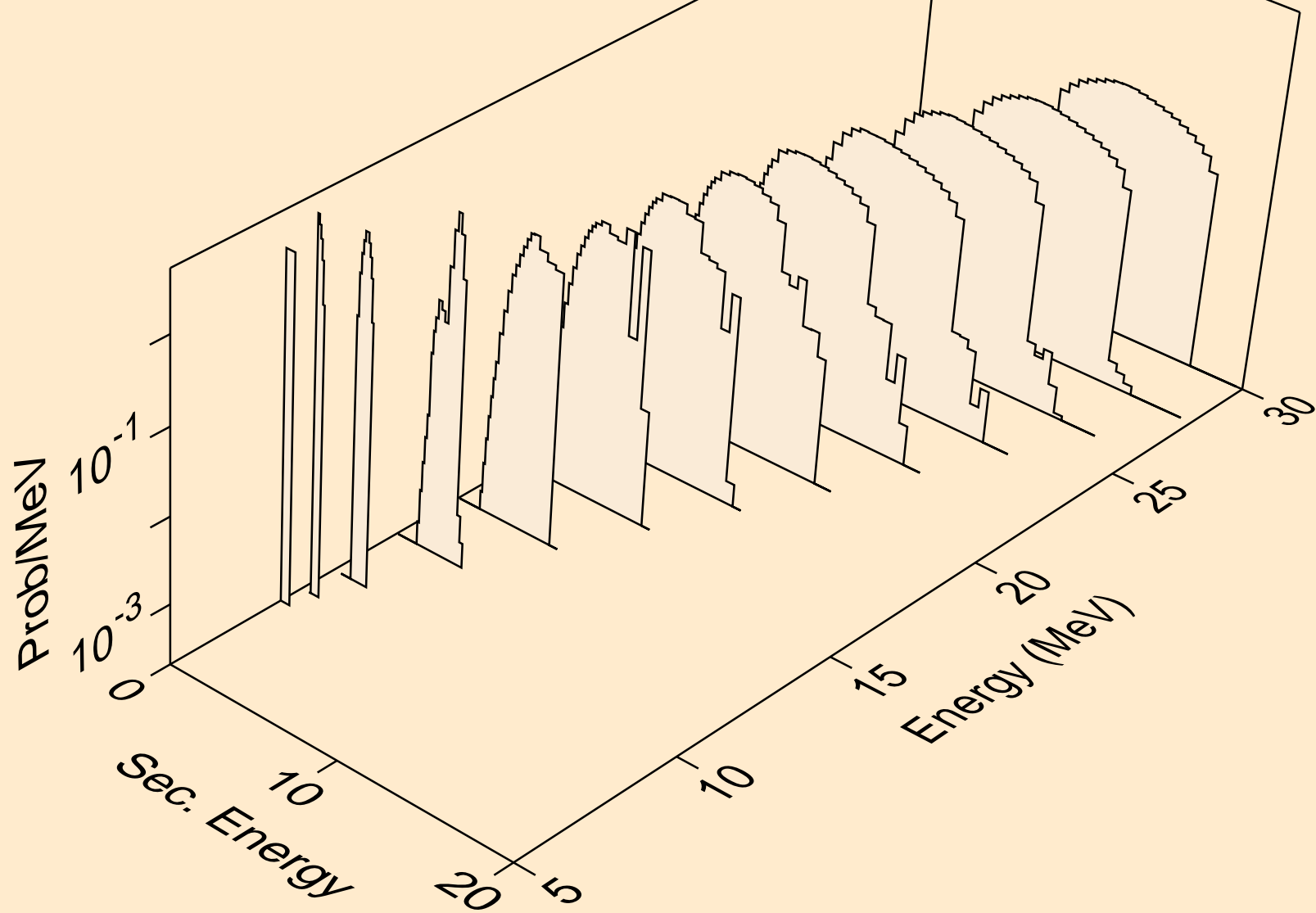




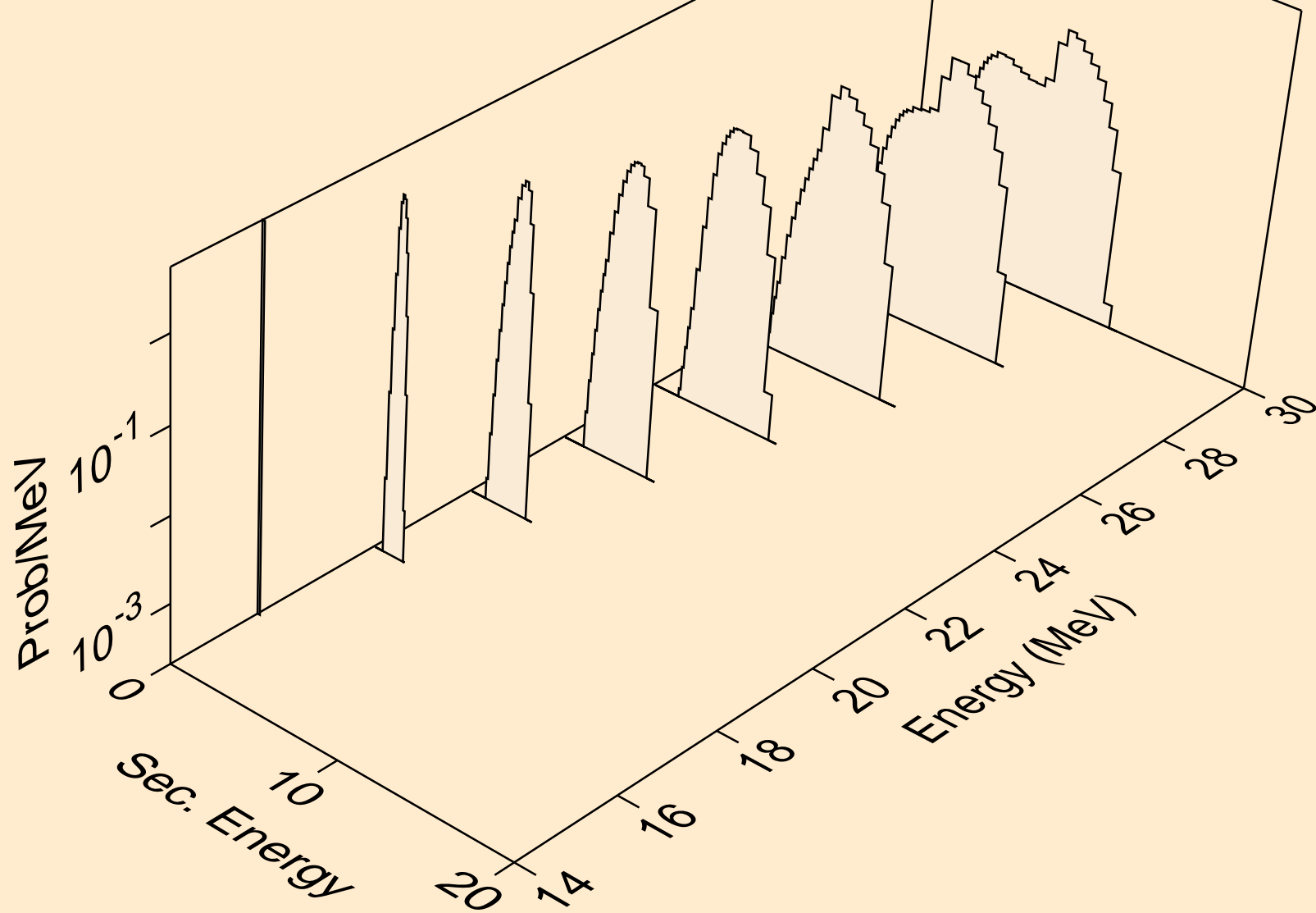
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



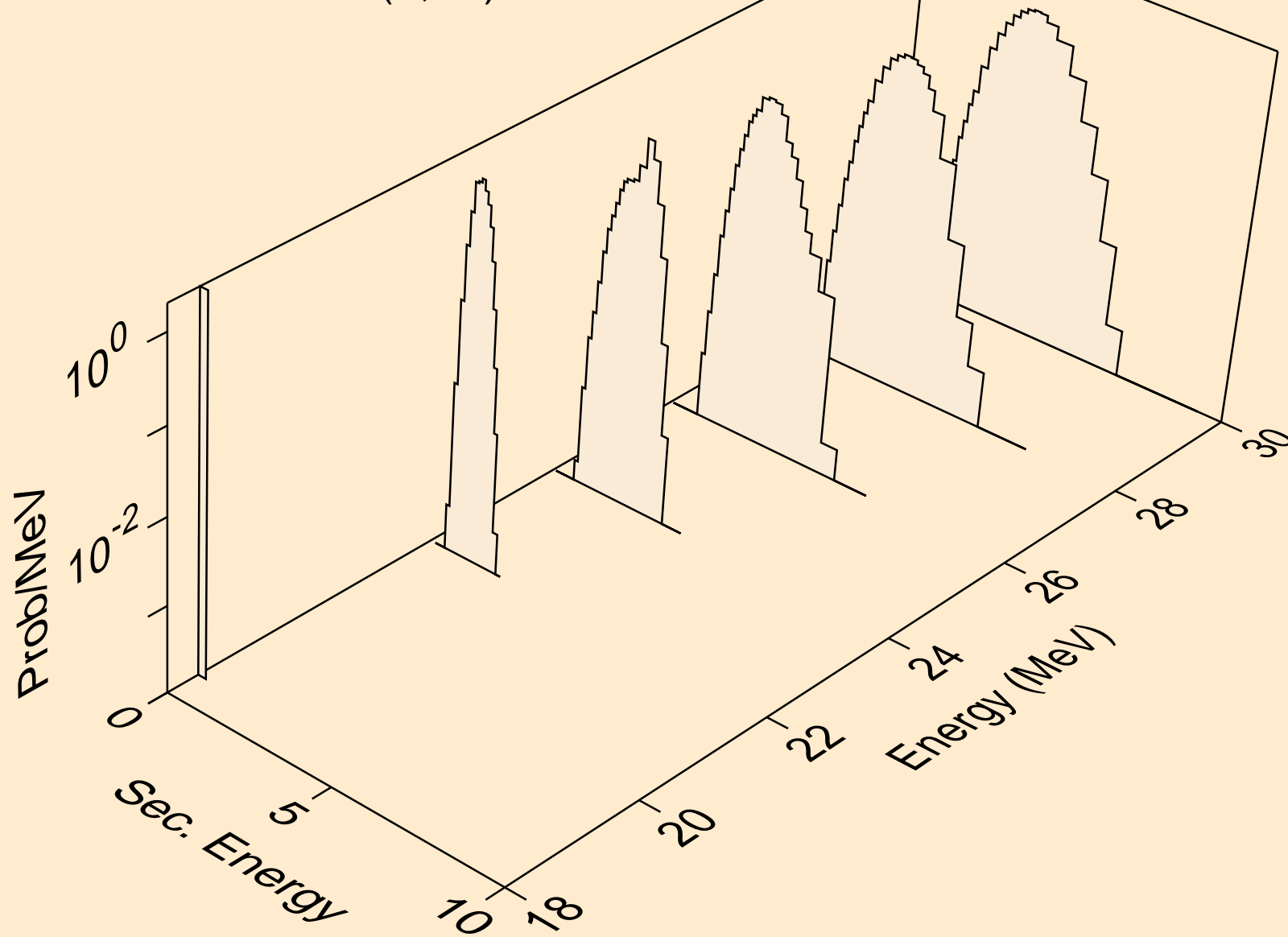
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deuterons from (a,d)



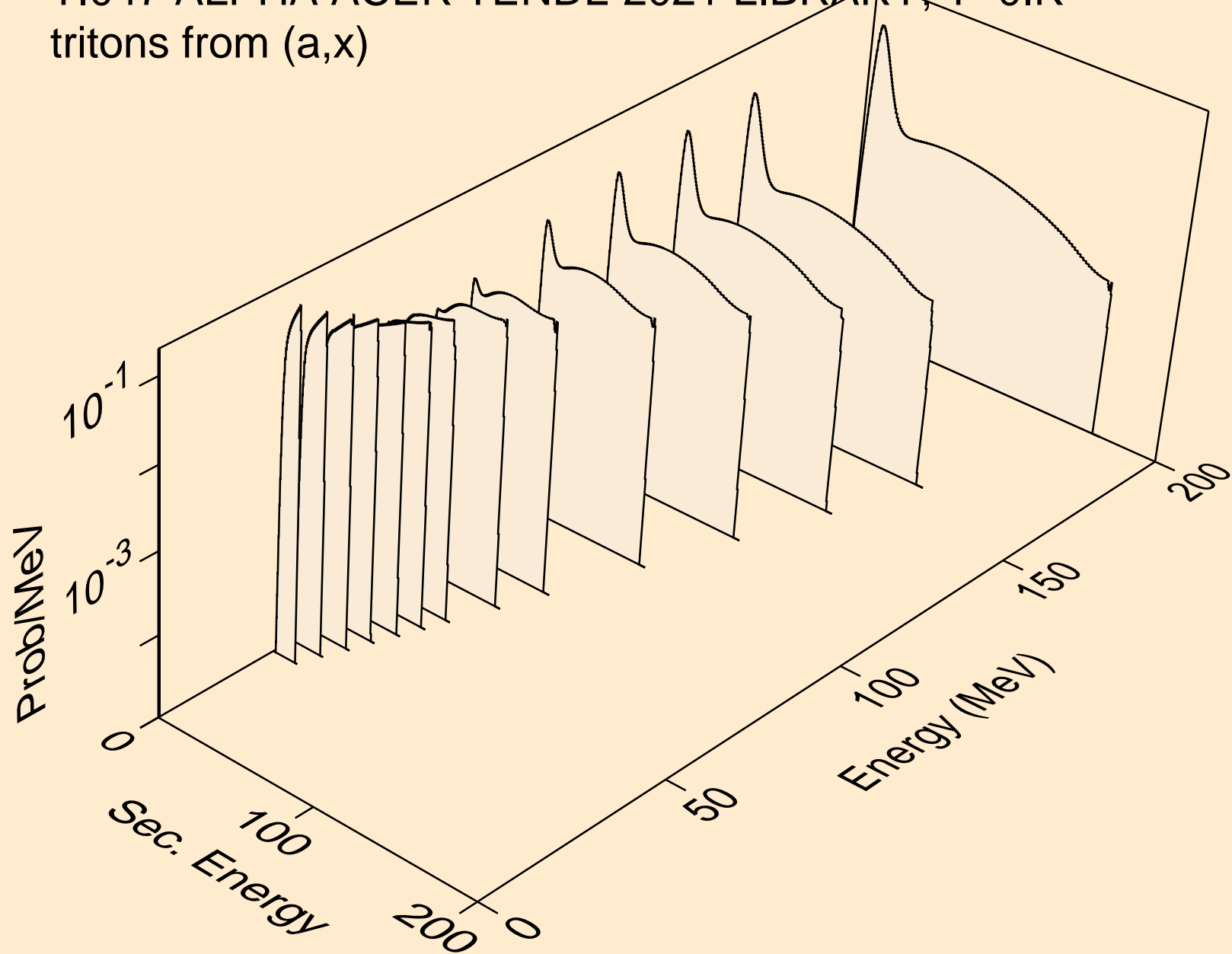
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deuterons from (a,pd)



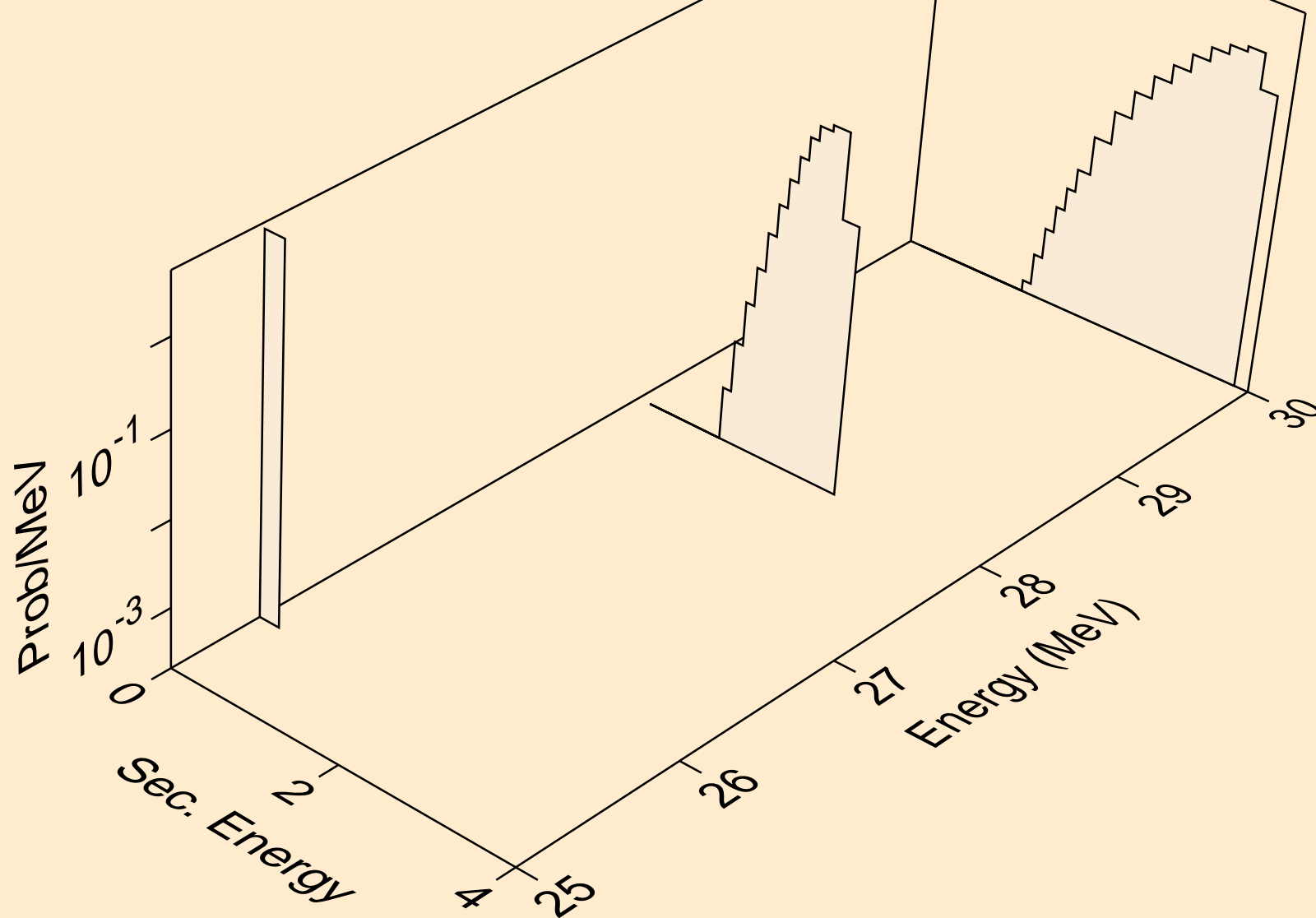
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



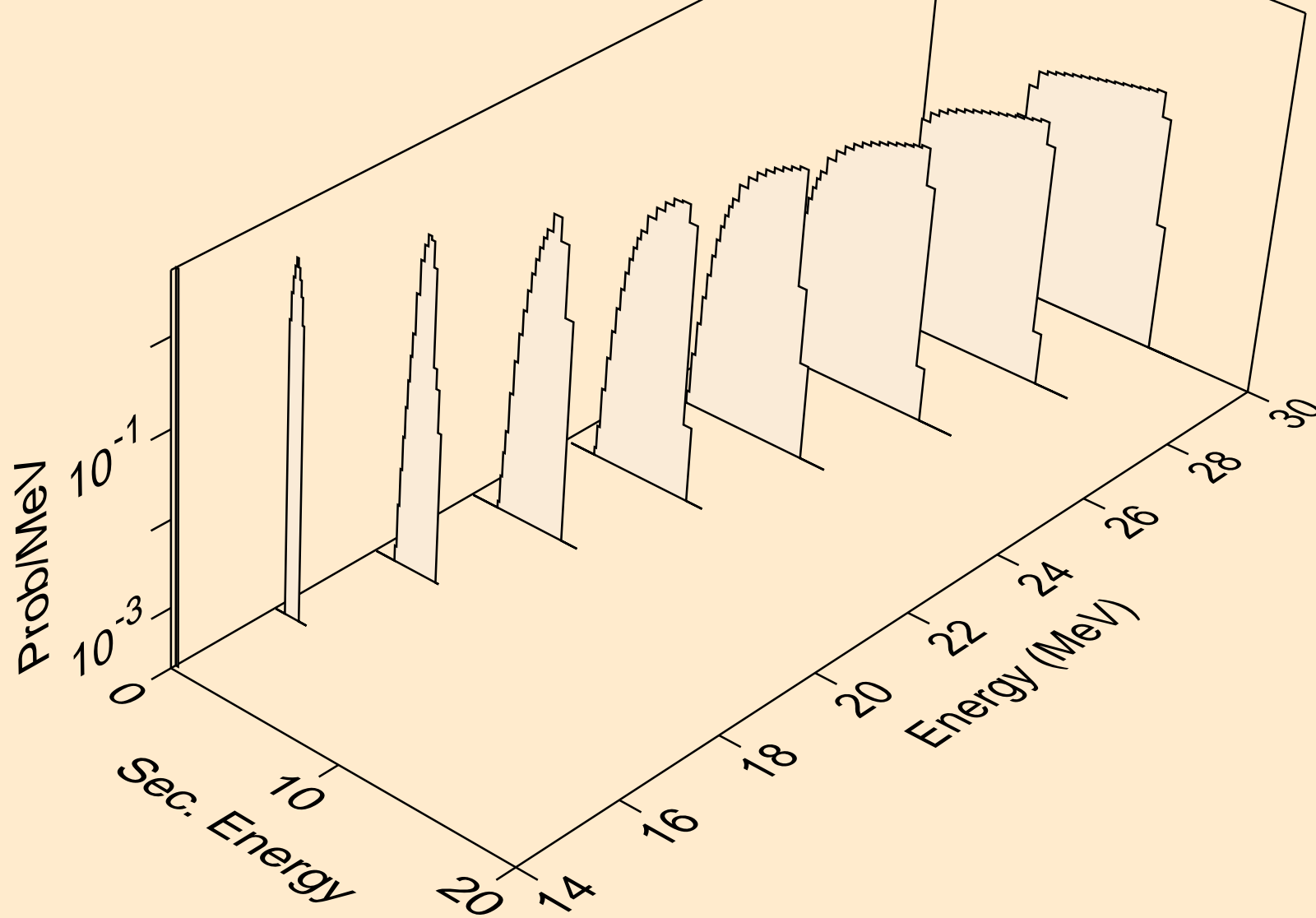
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



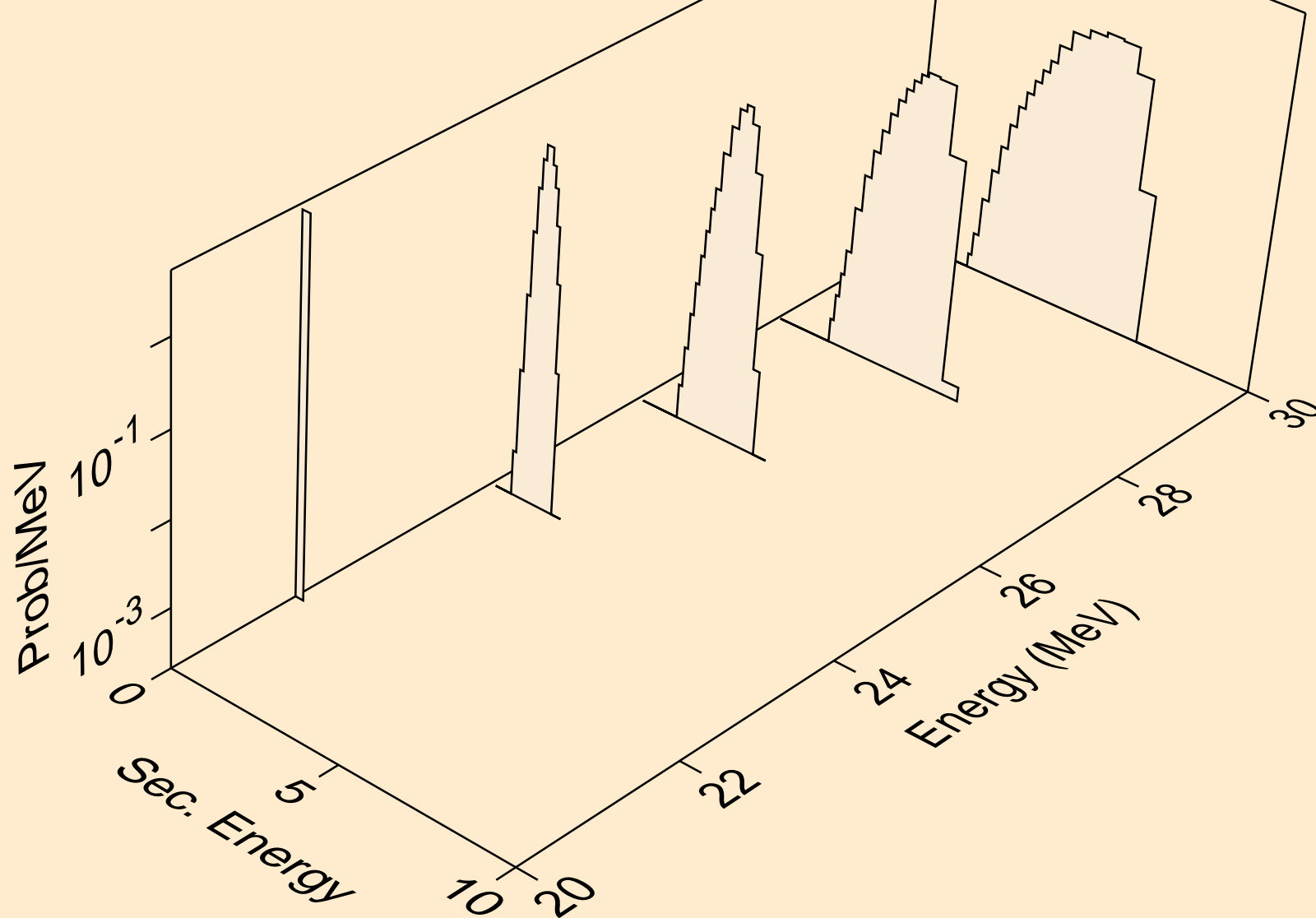
TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

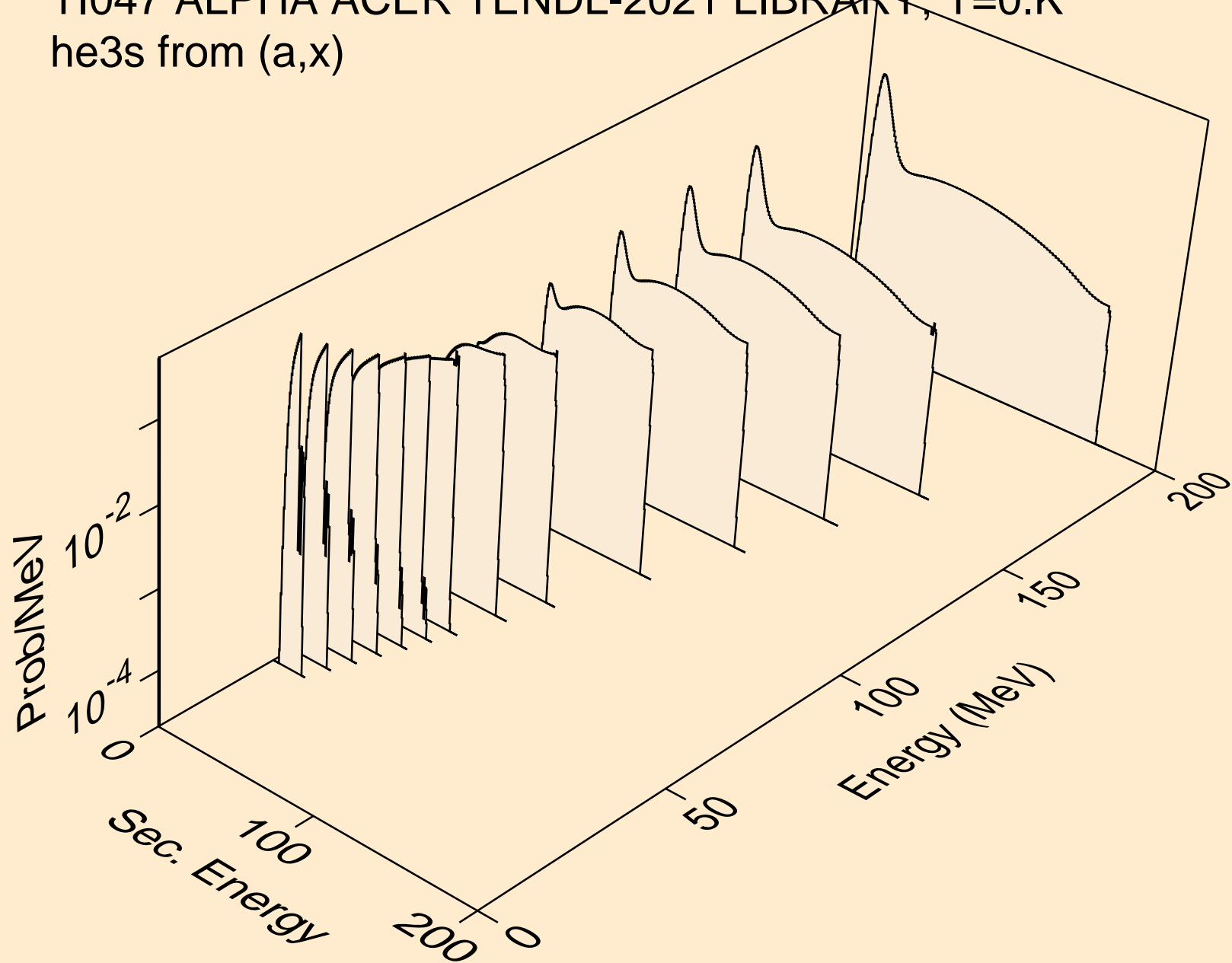


TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

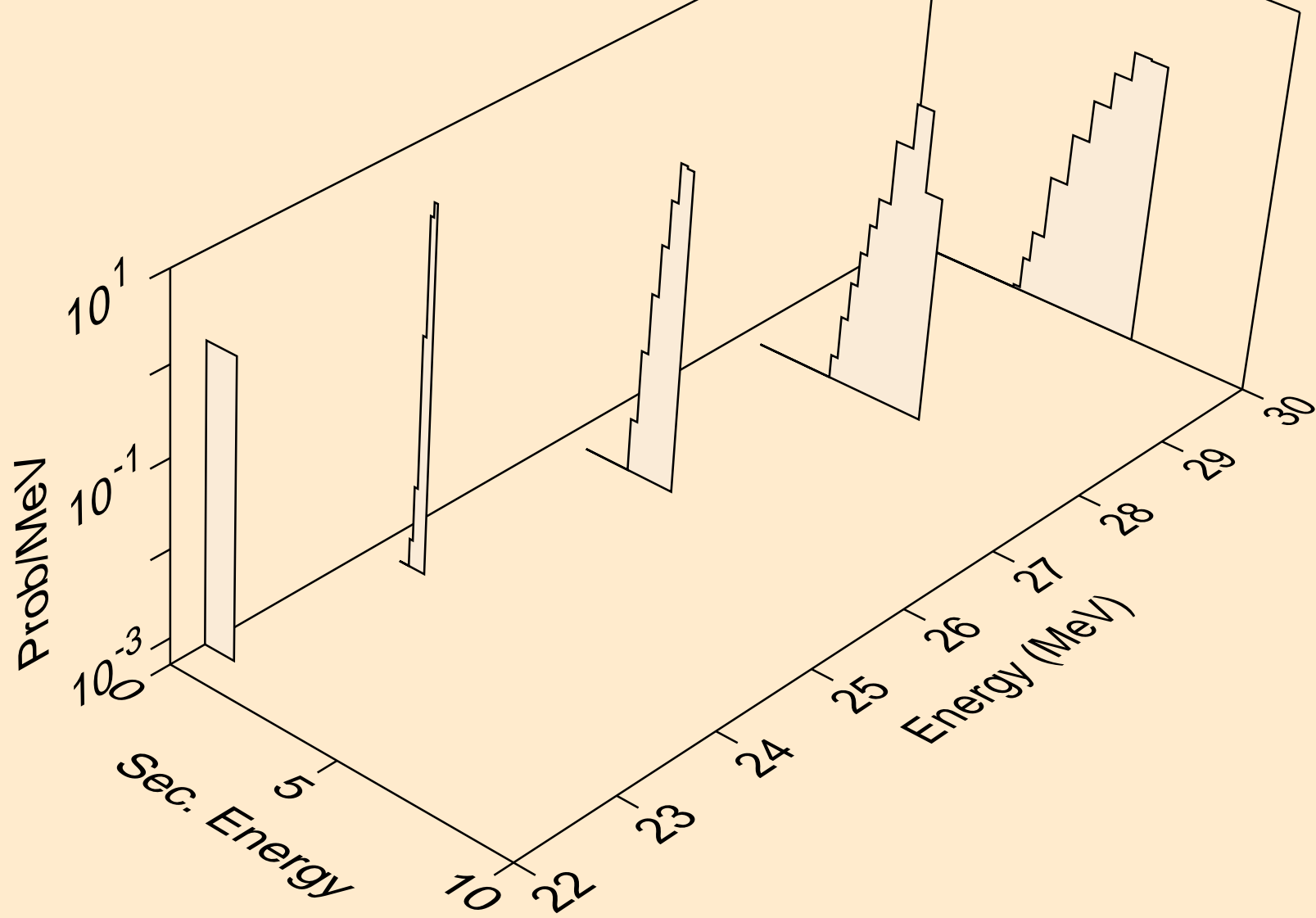




TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



TI047 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

