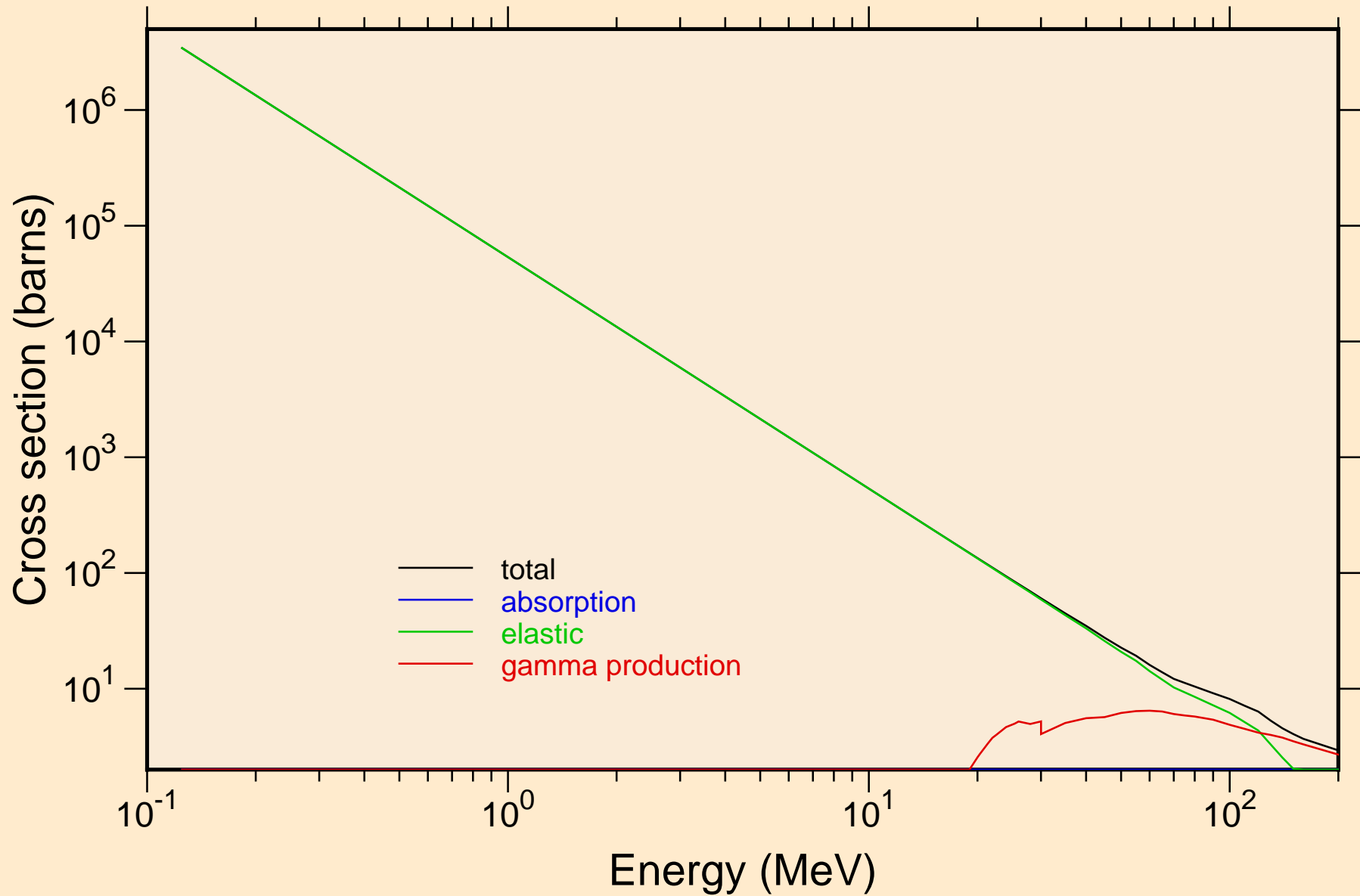
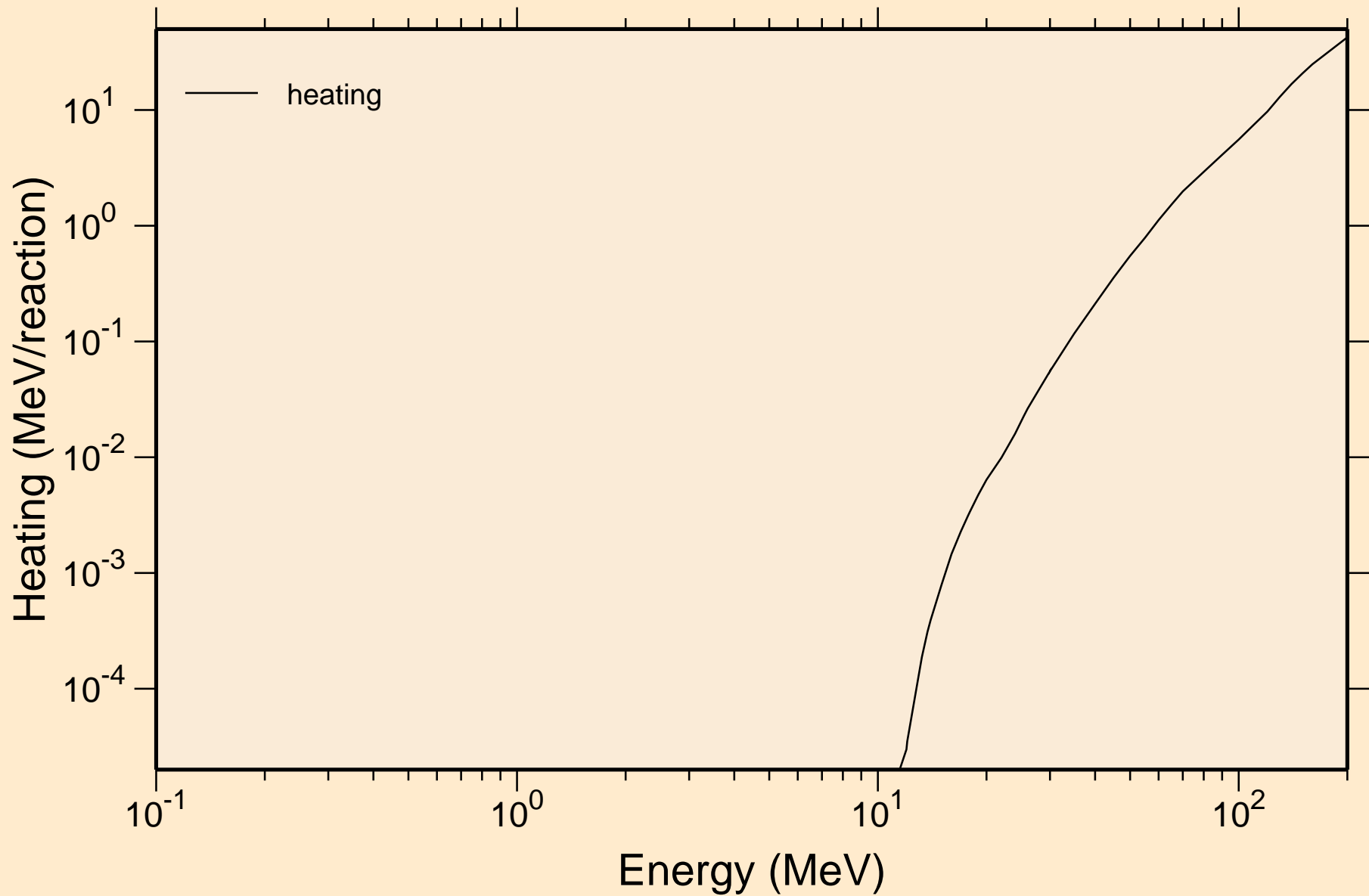


# RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

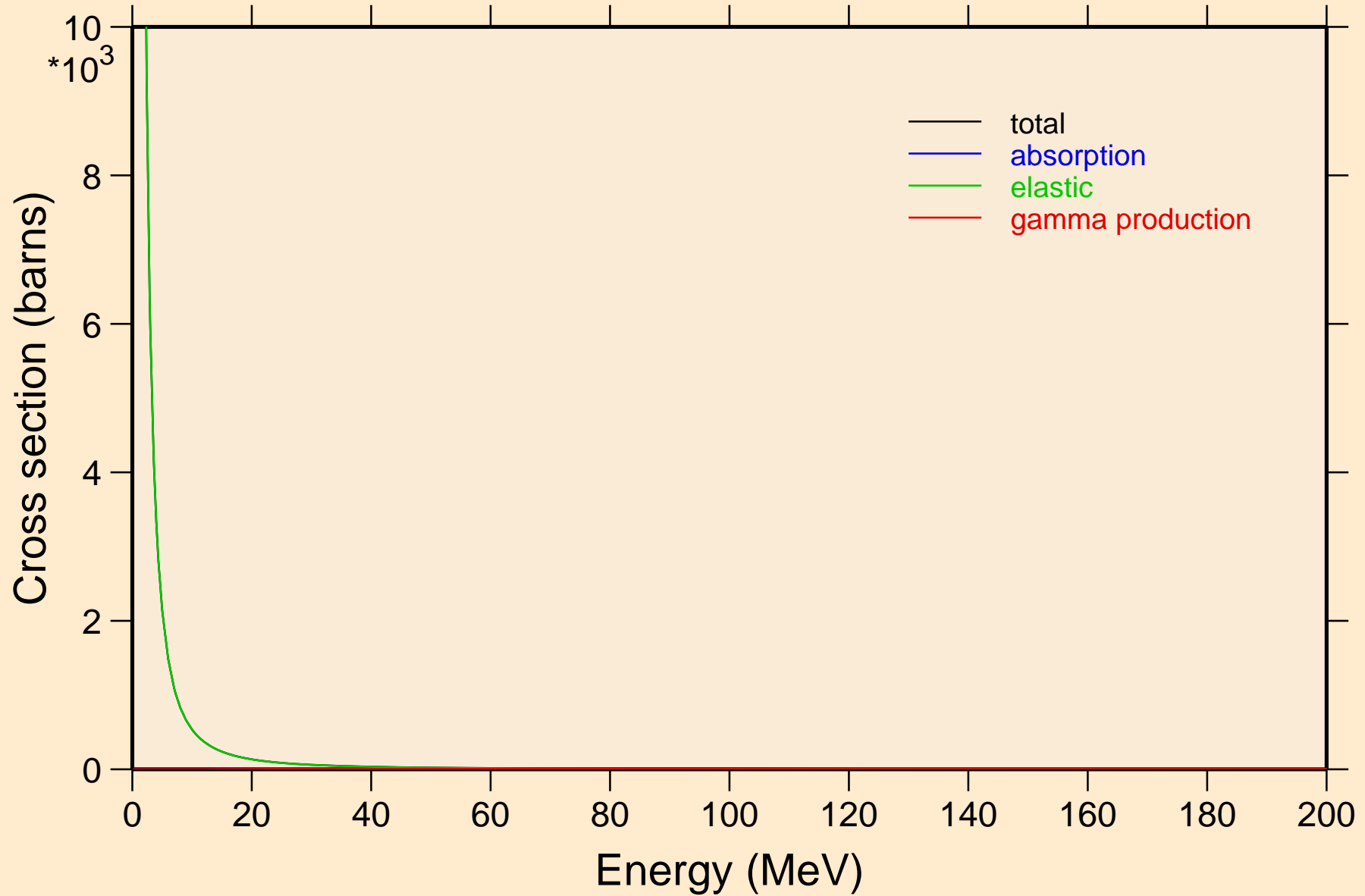


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



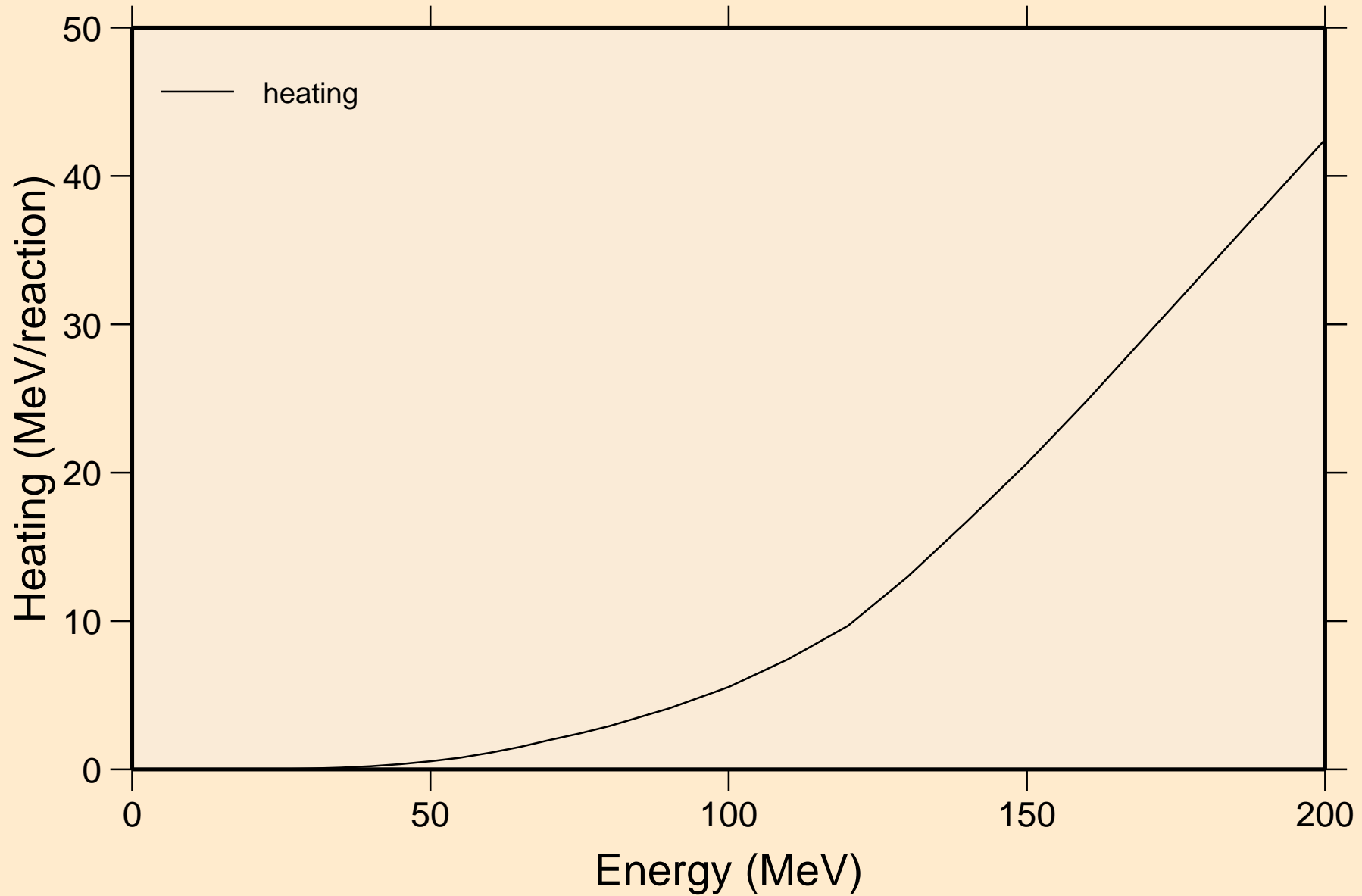
# RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

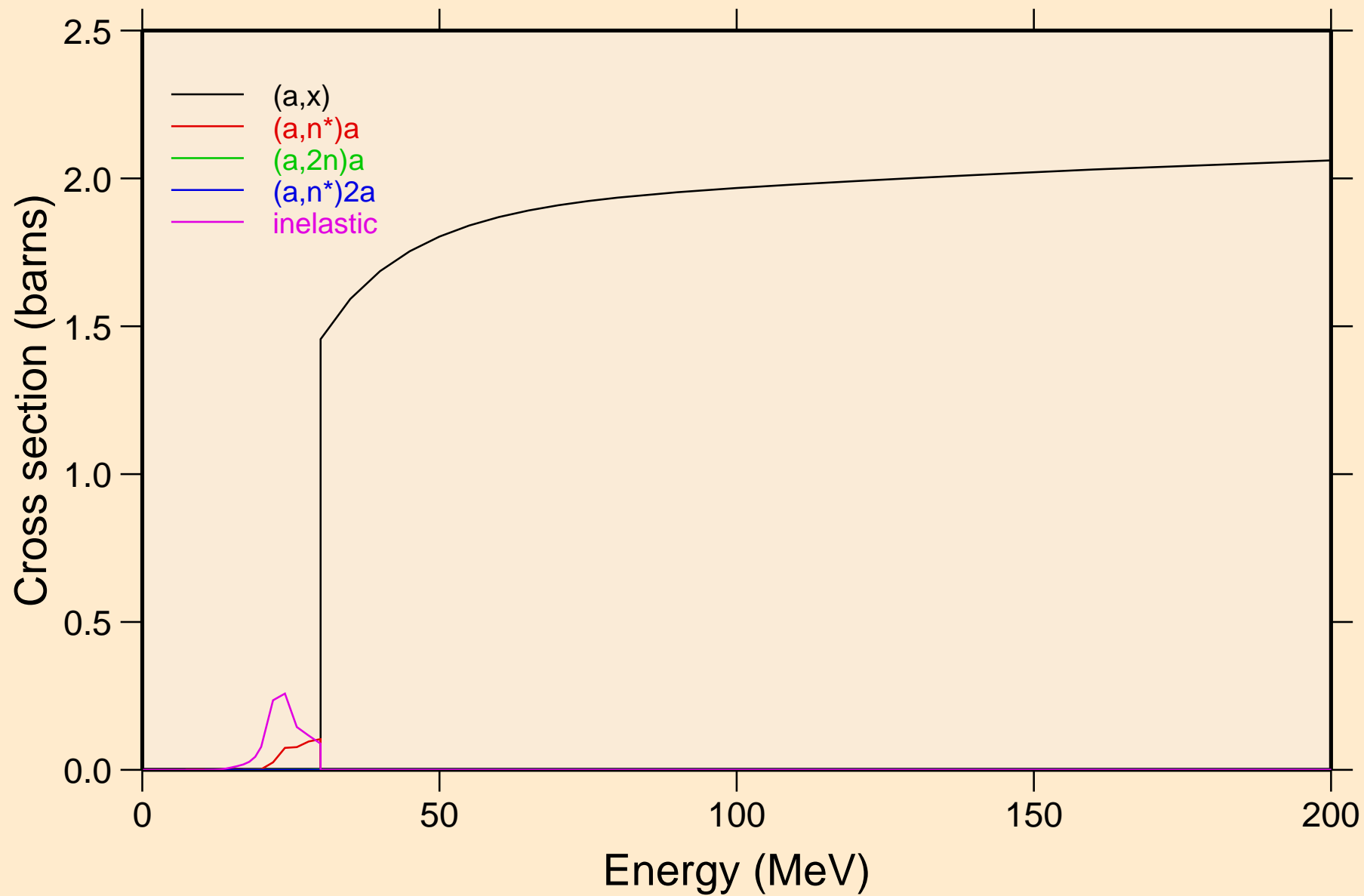


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

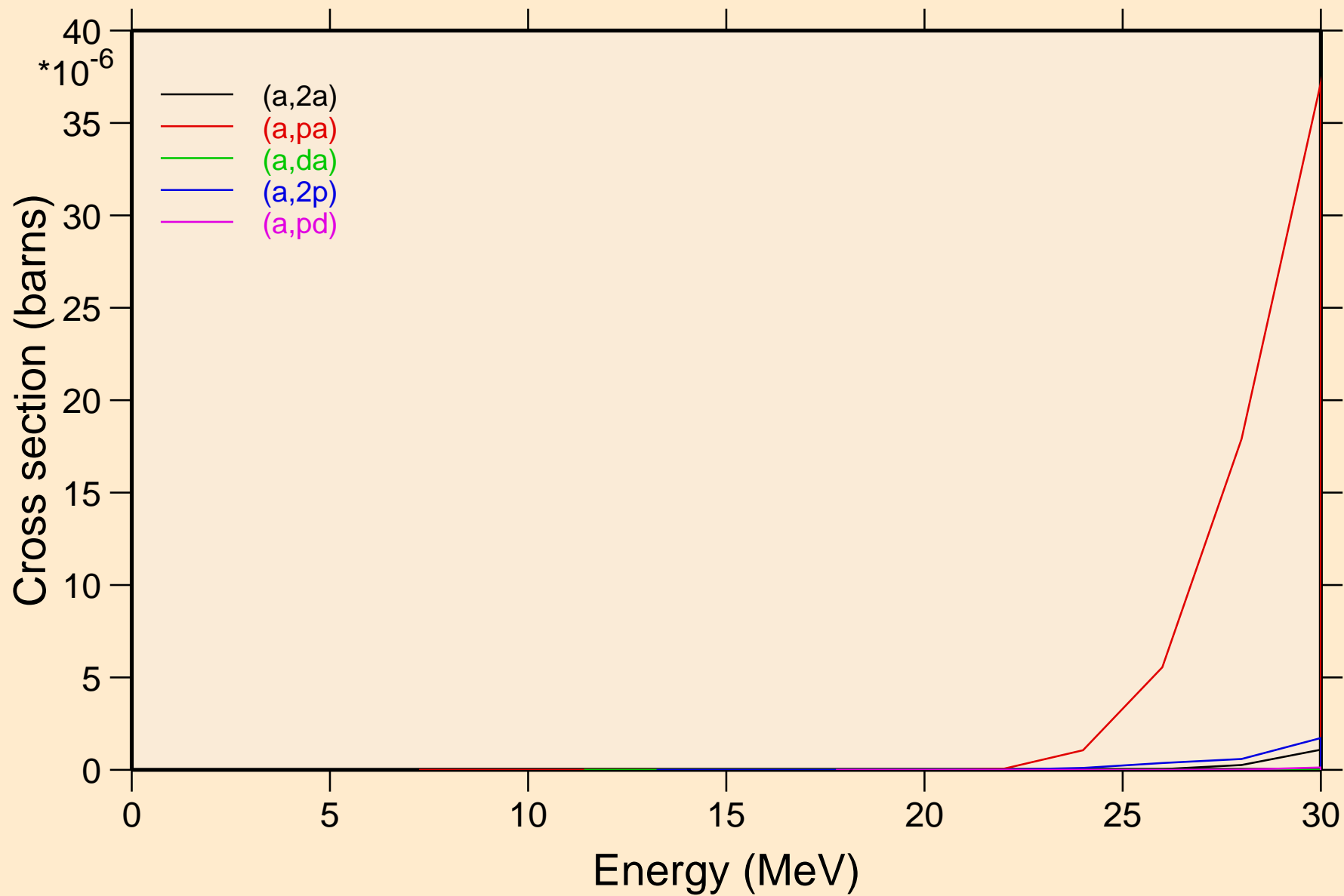
Heating



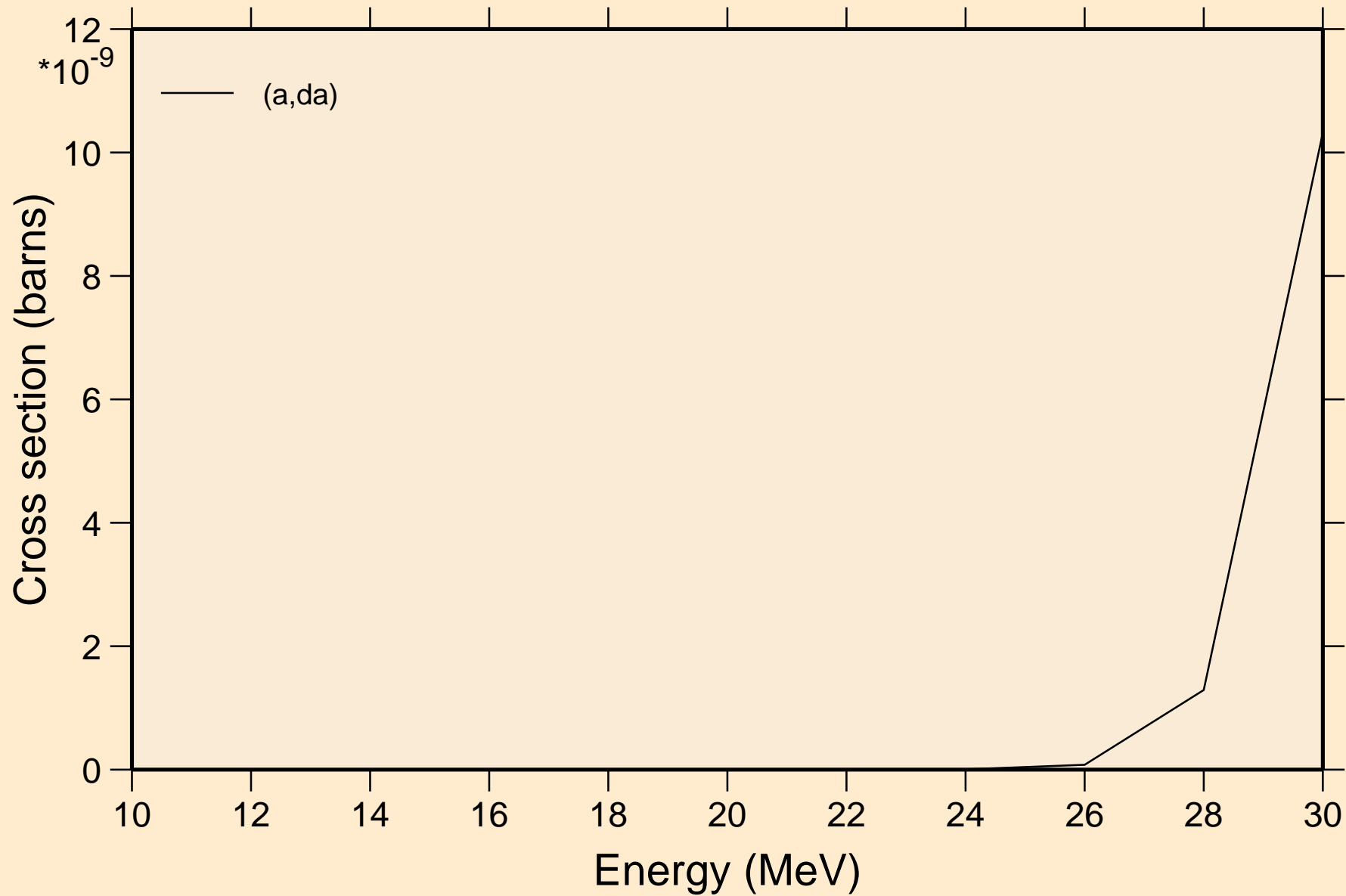
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



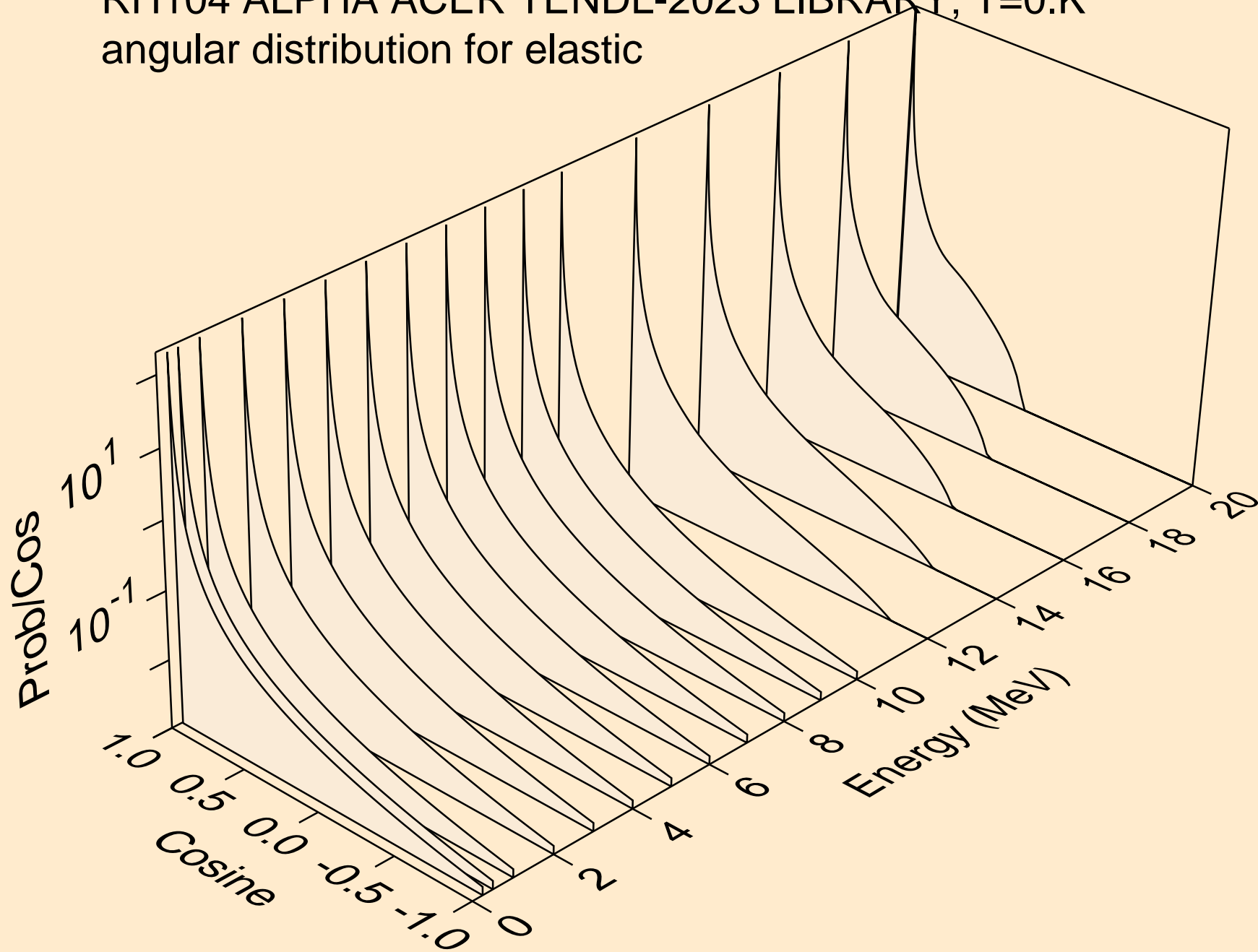
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

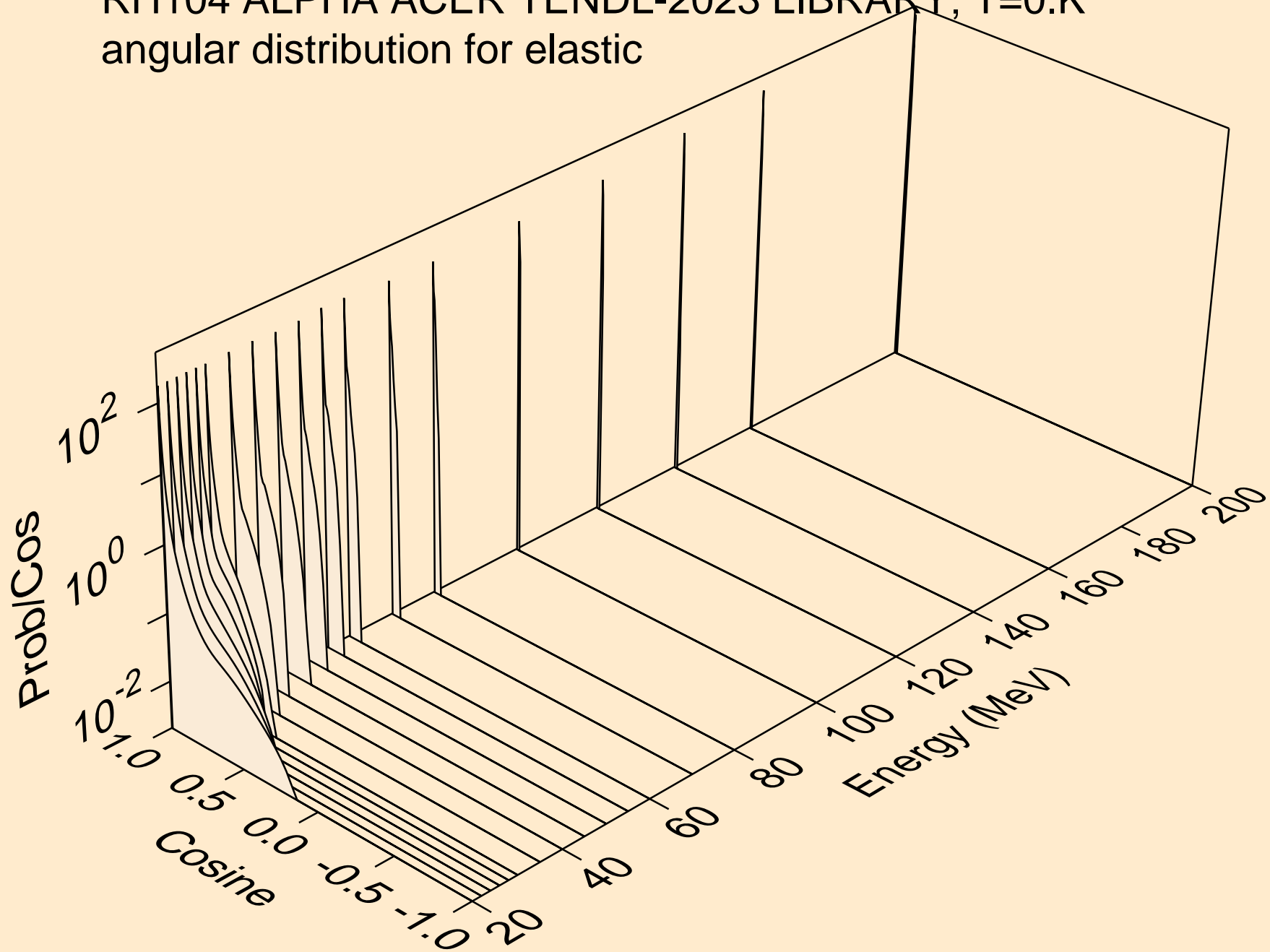


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

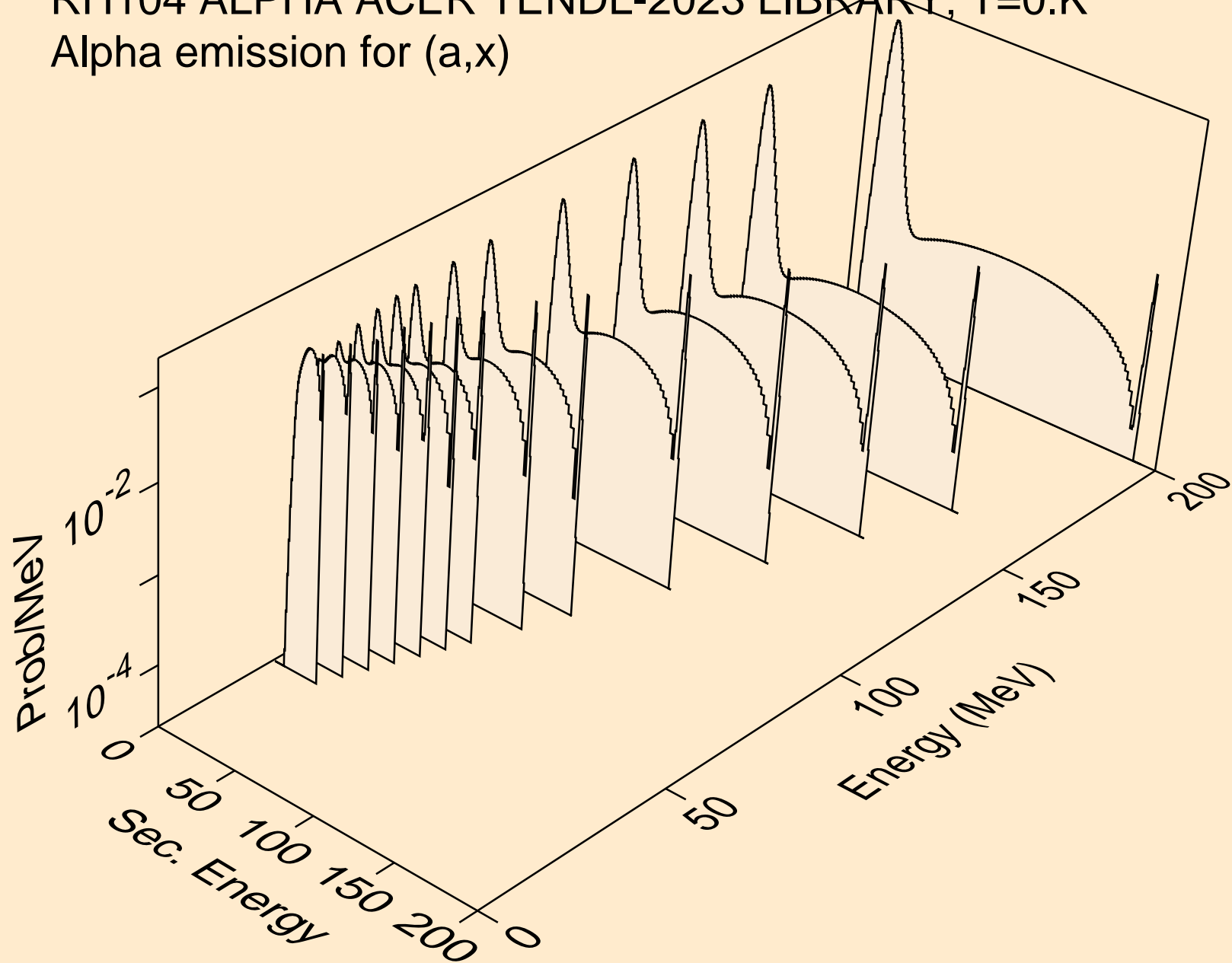




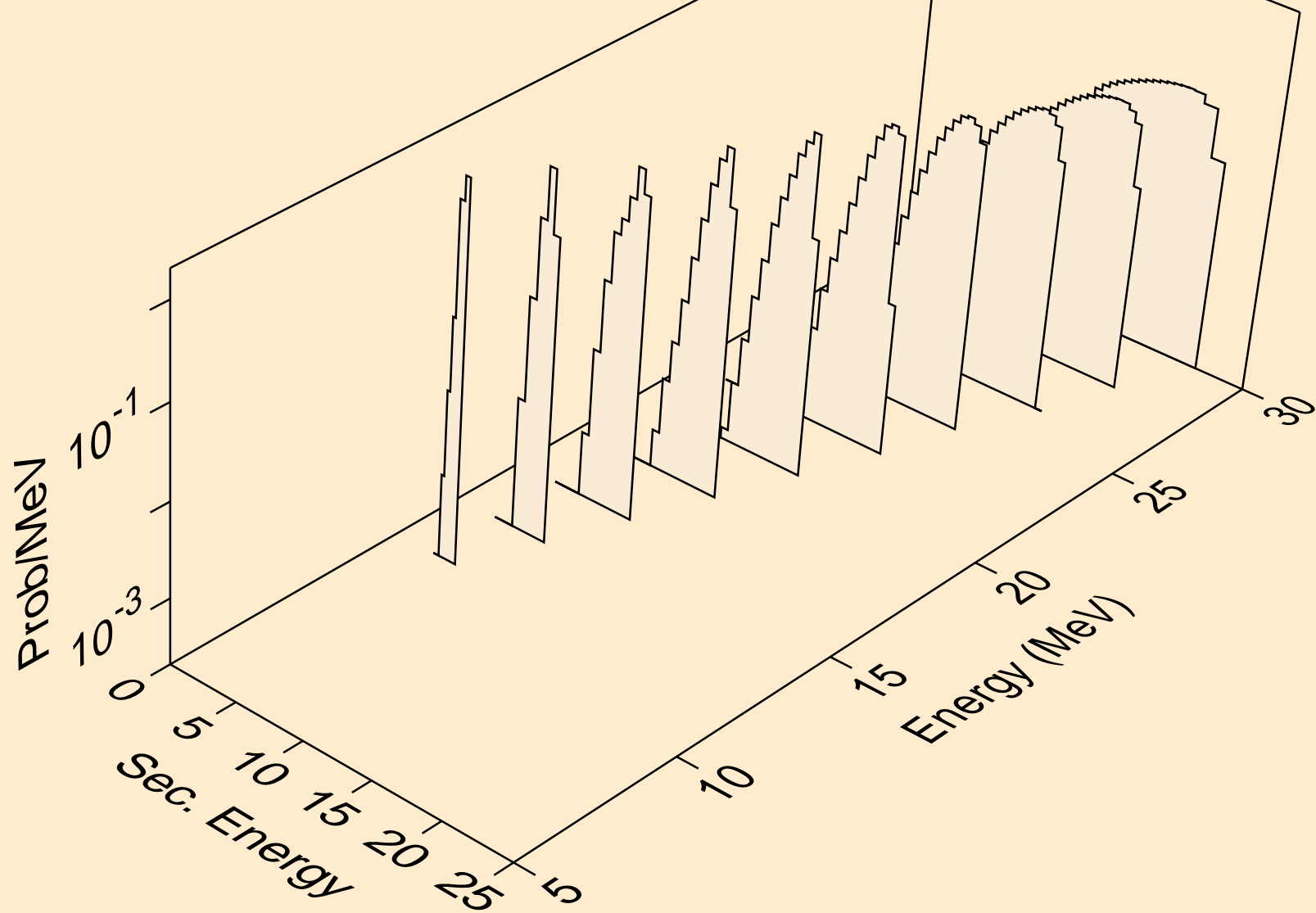
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



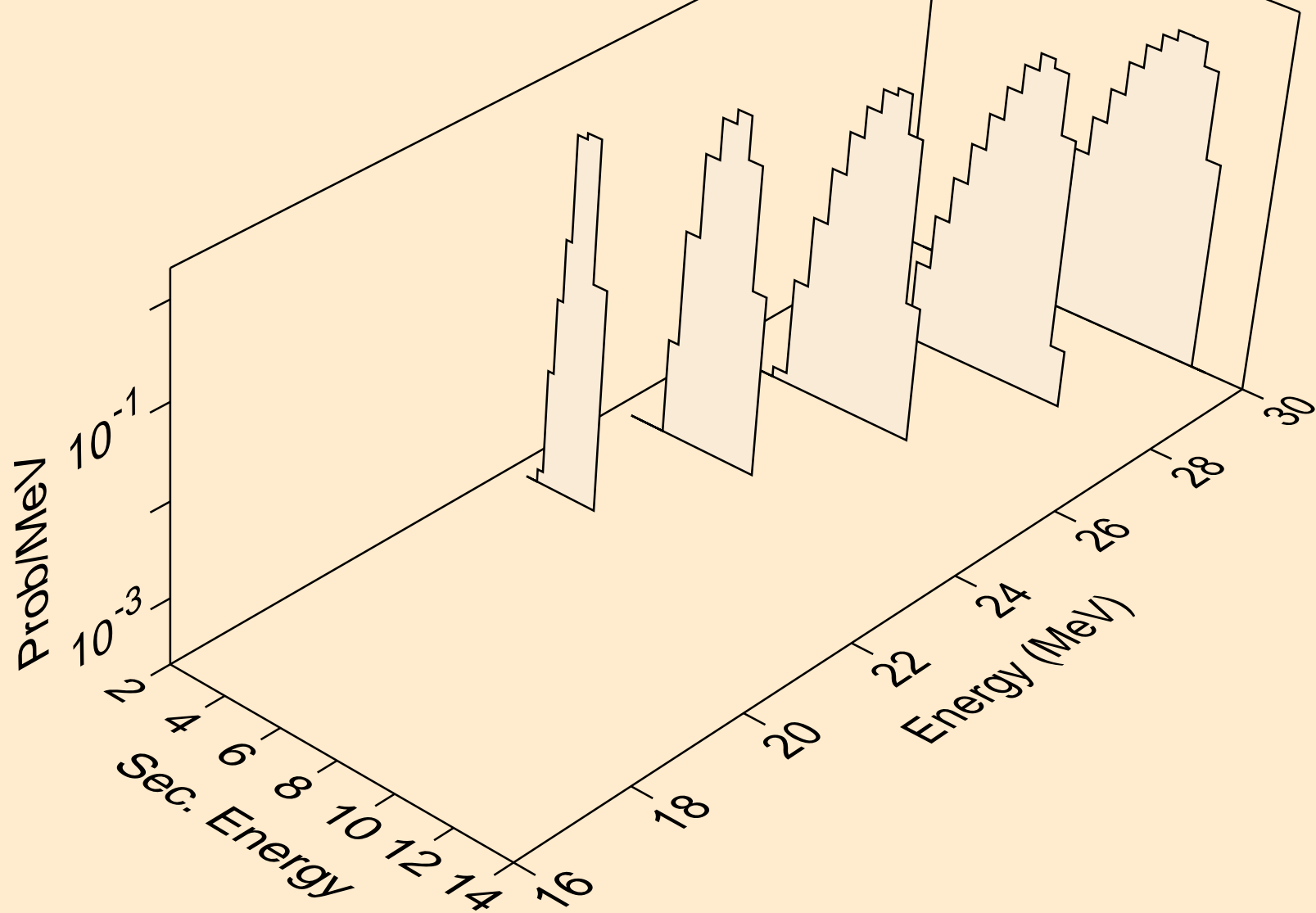
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



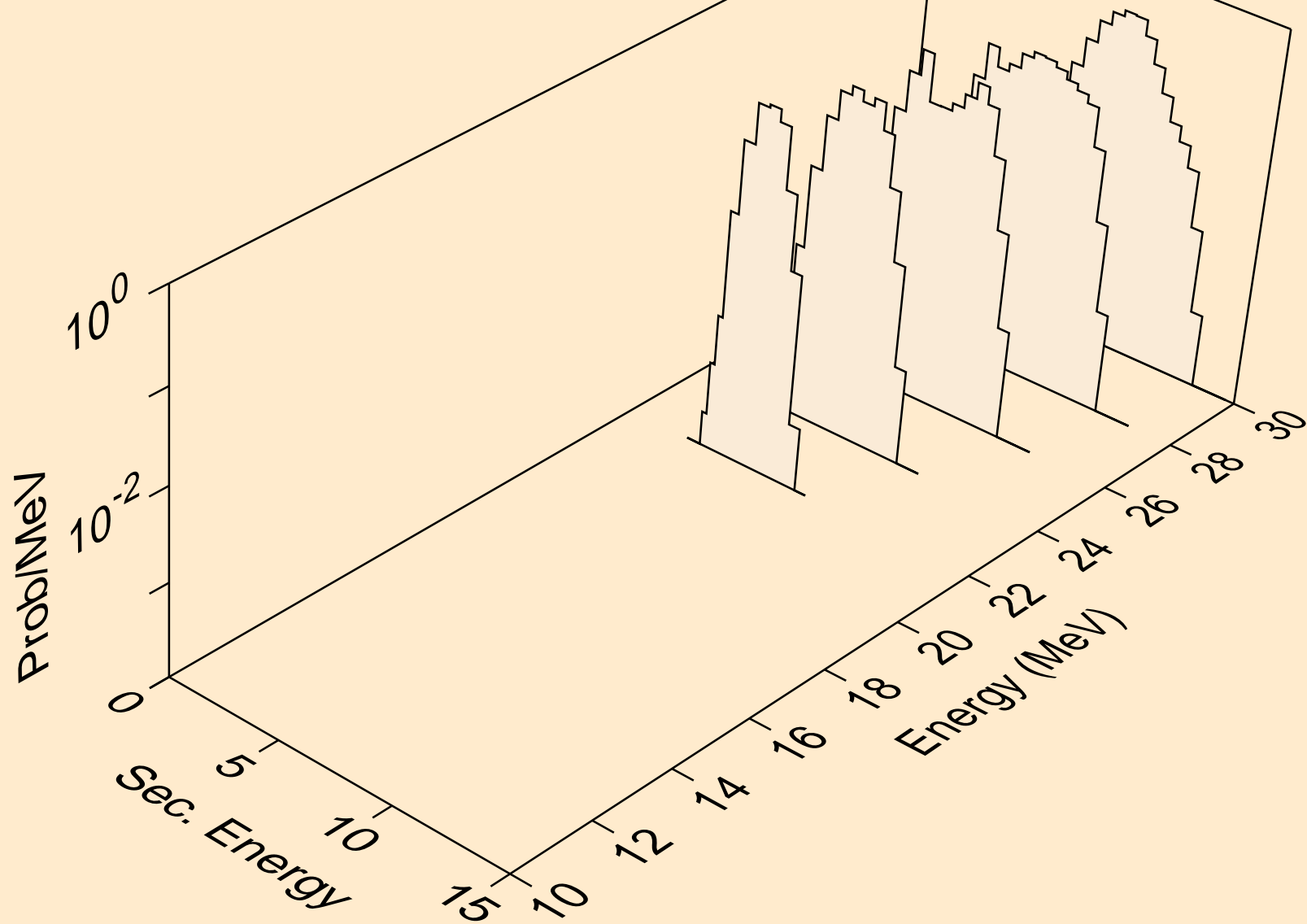
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



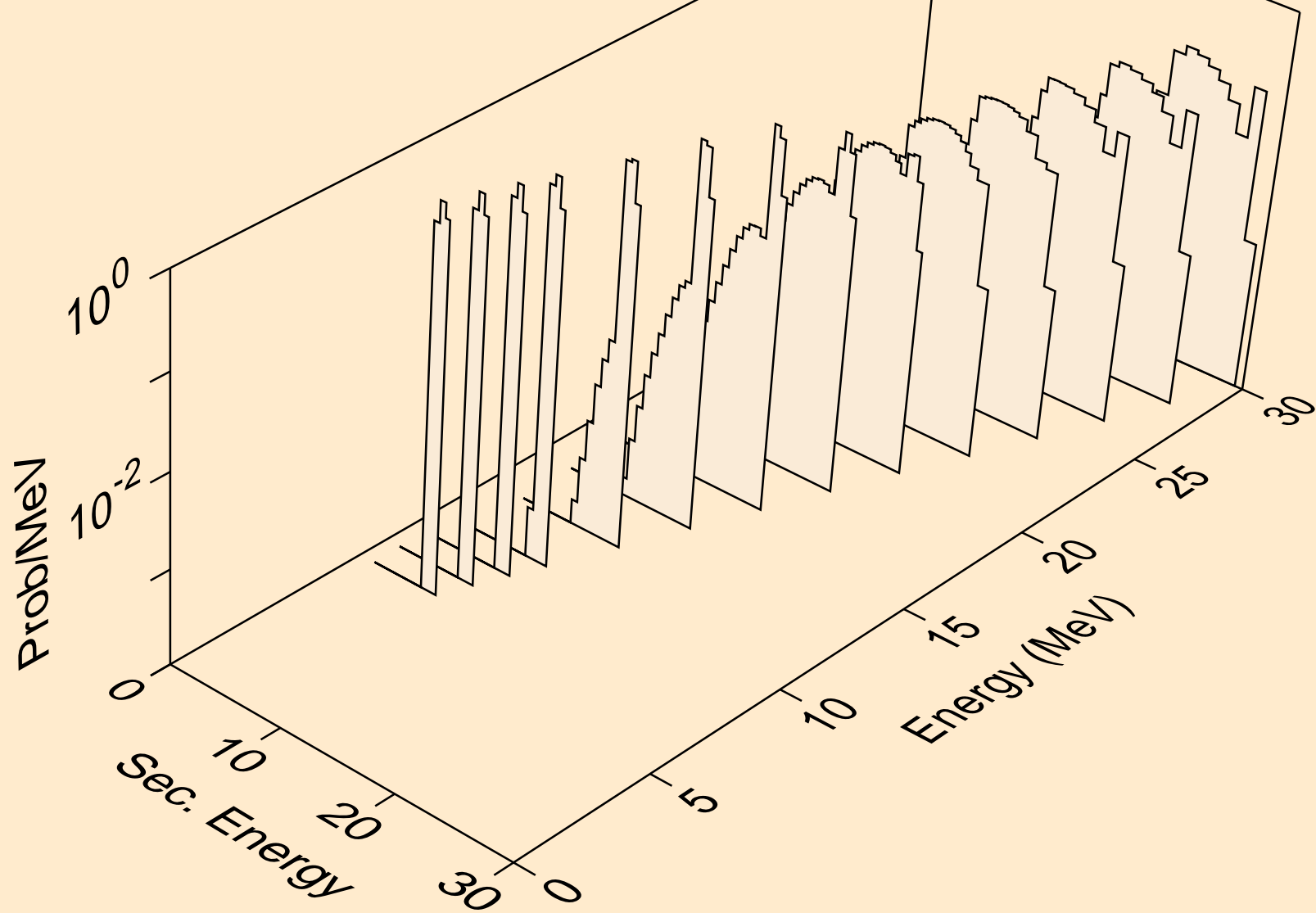
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



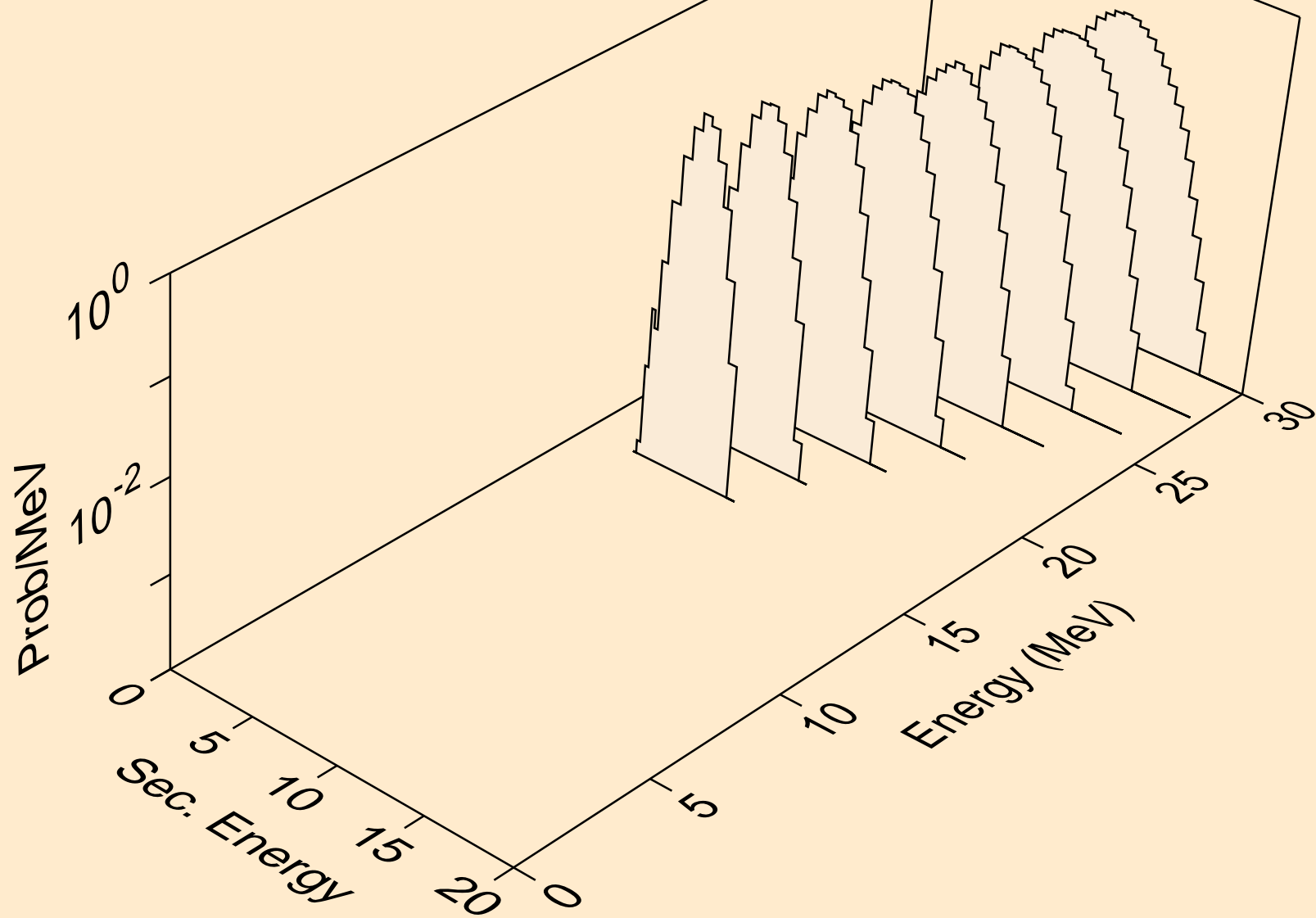
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



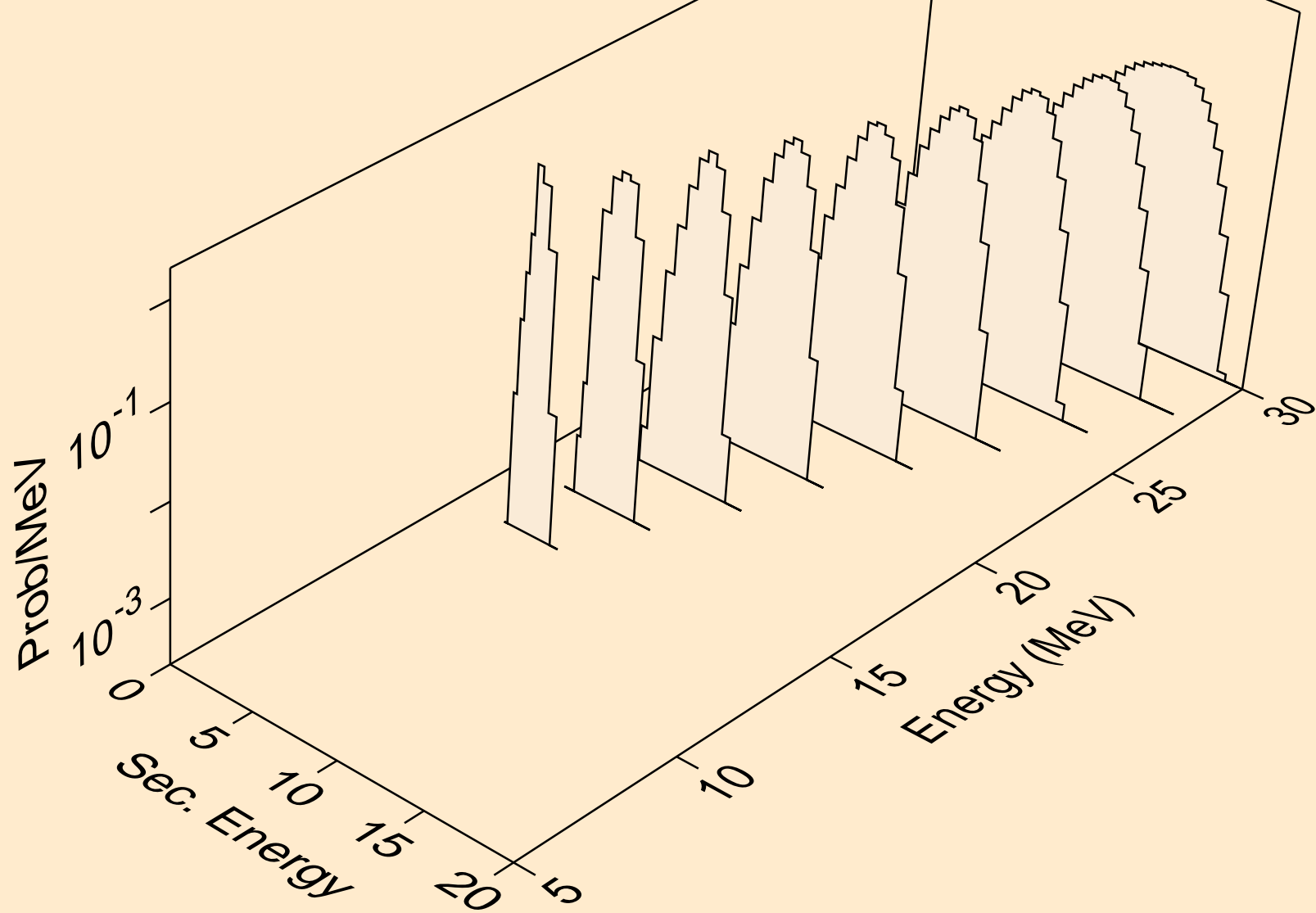
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

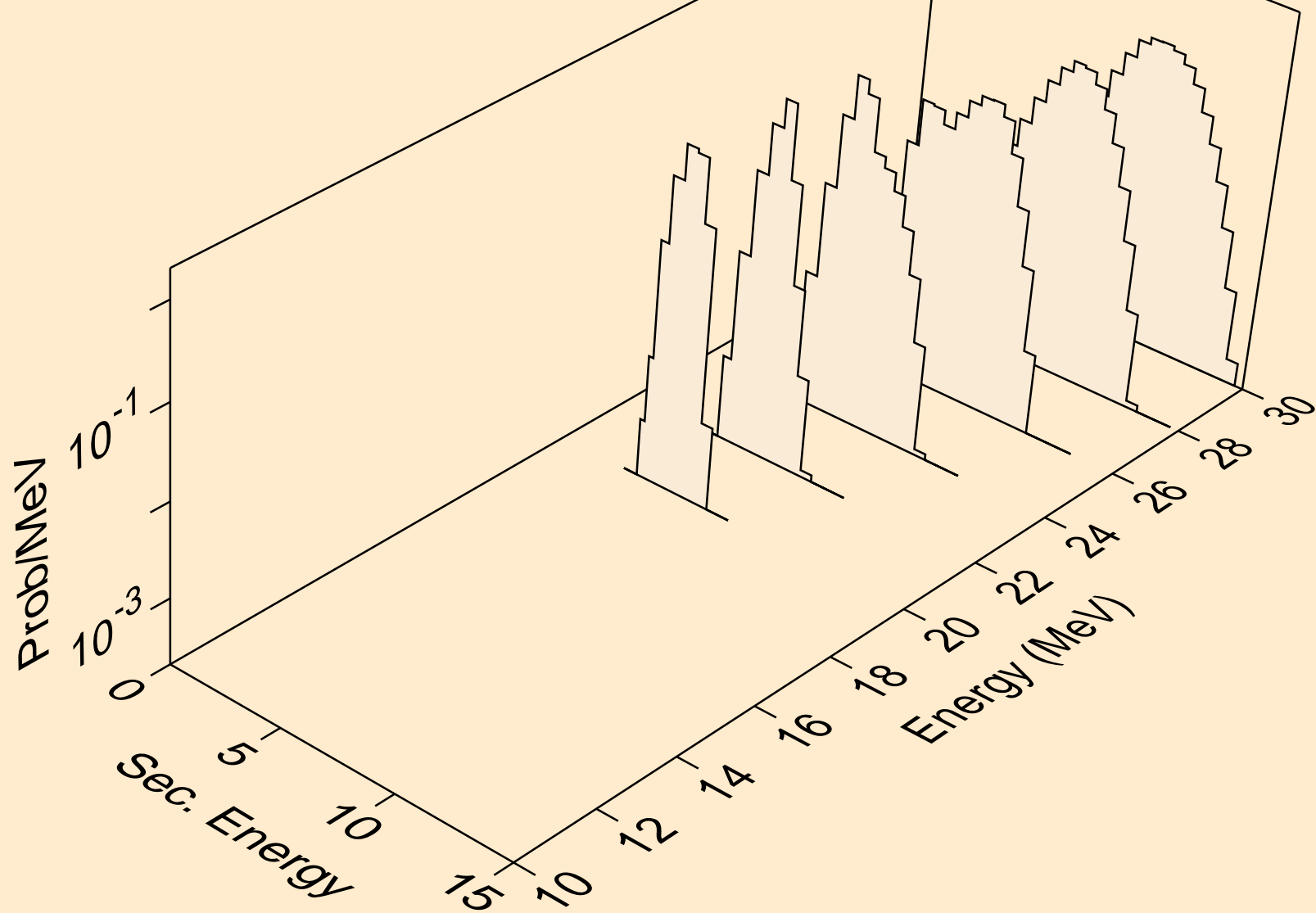


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

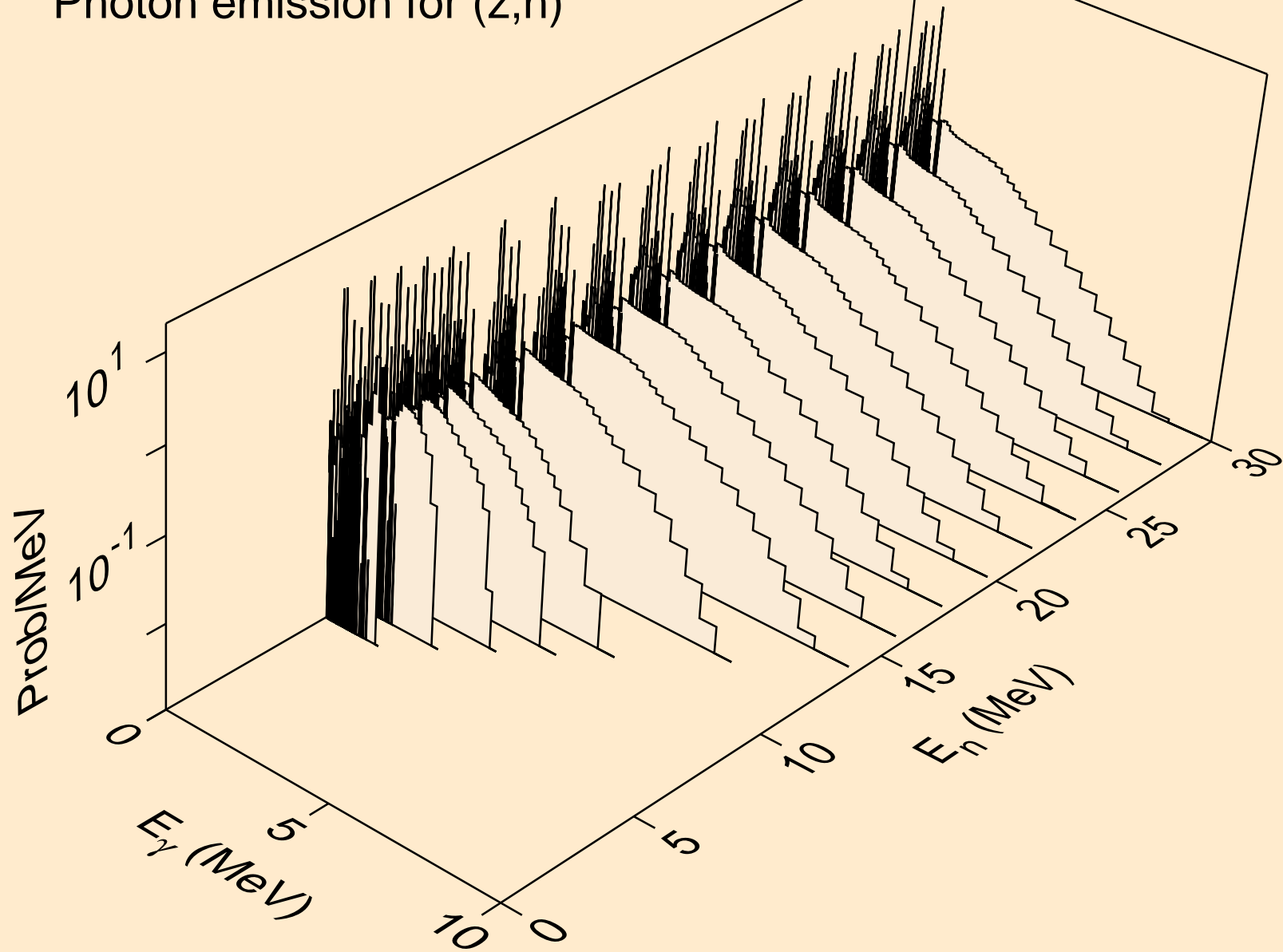




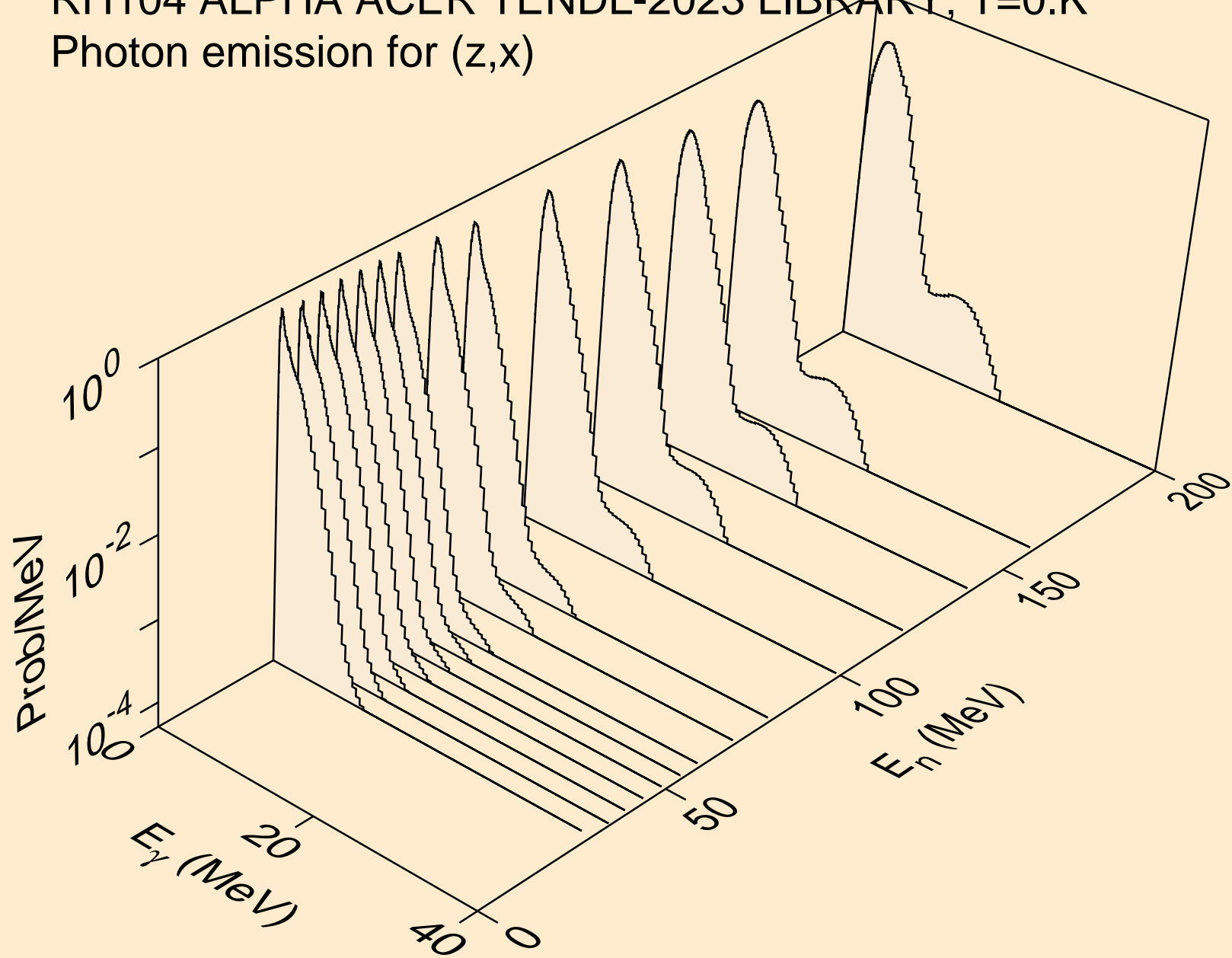
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



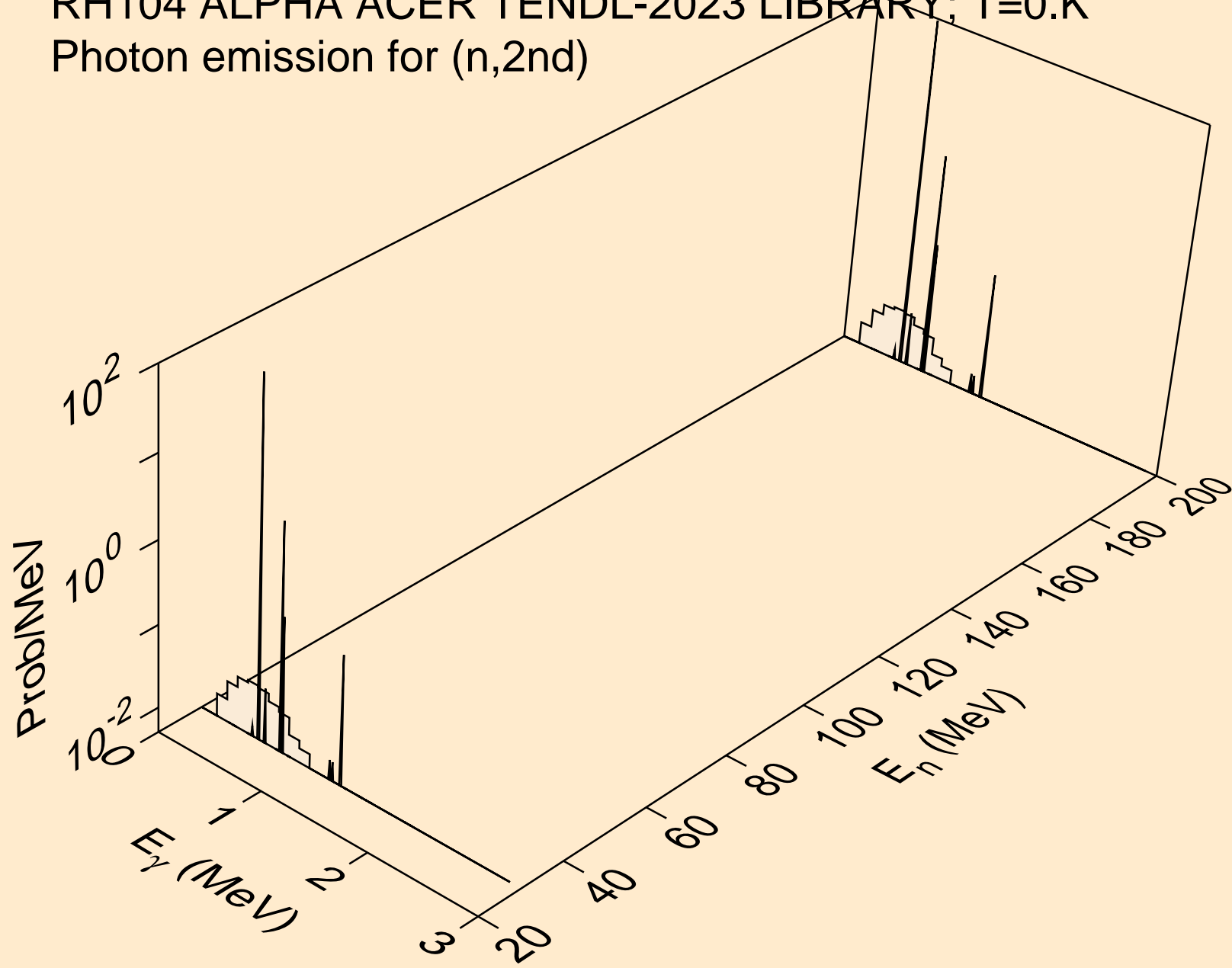
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



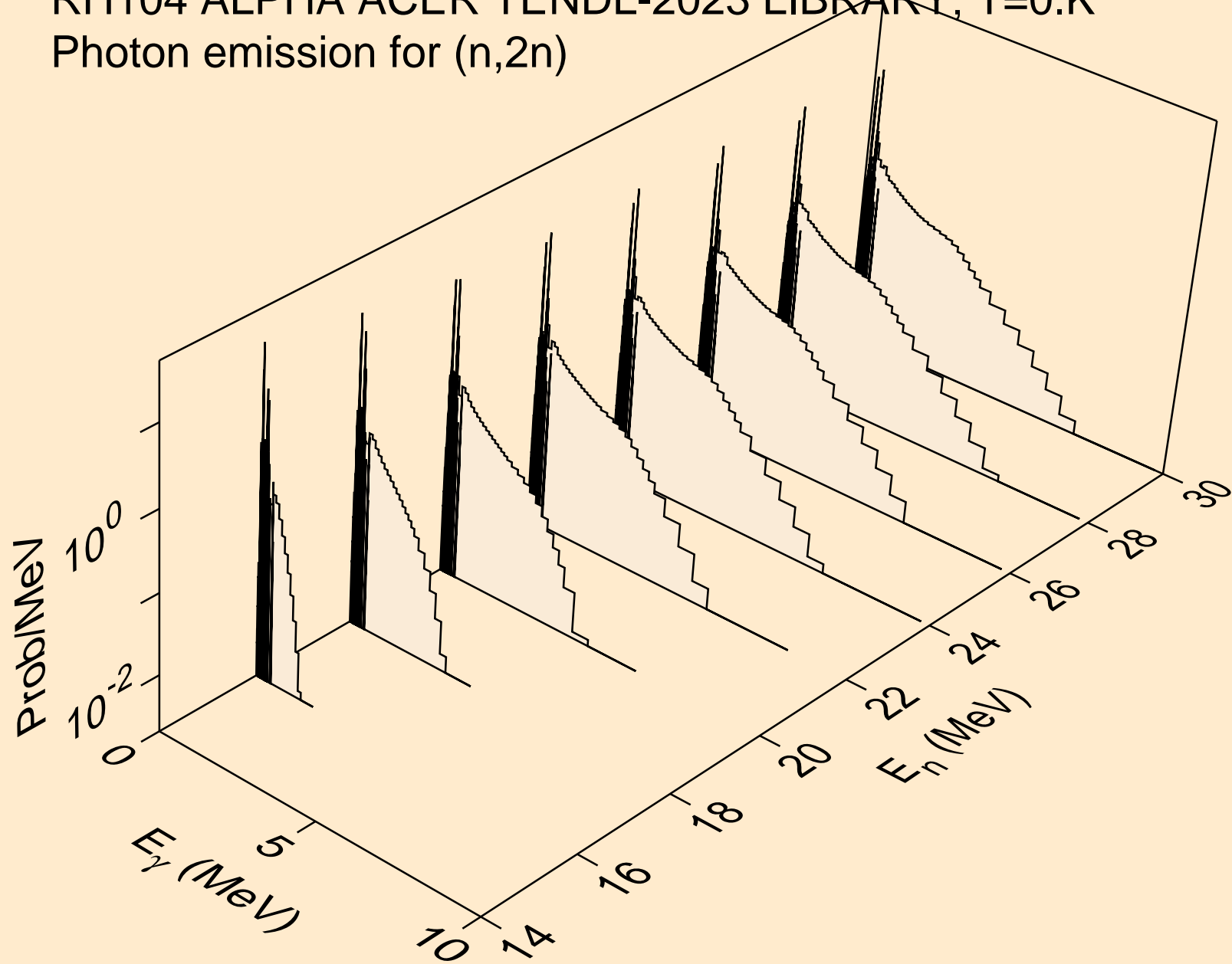
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



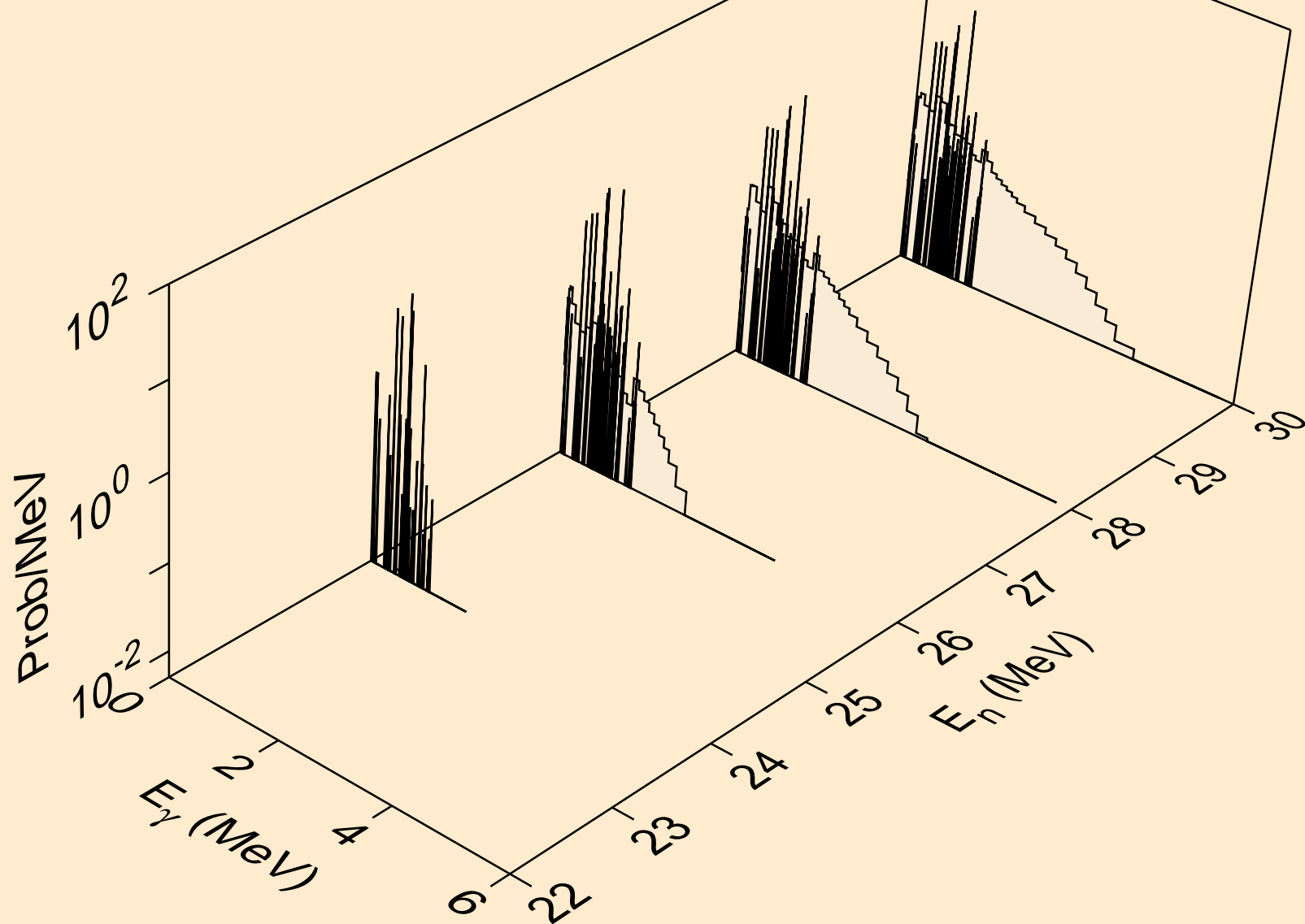
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



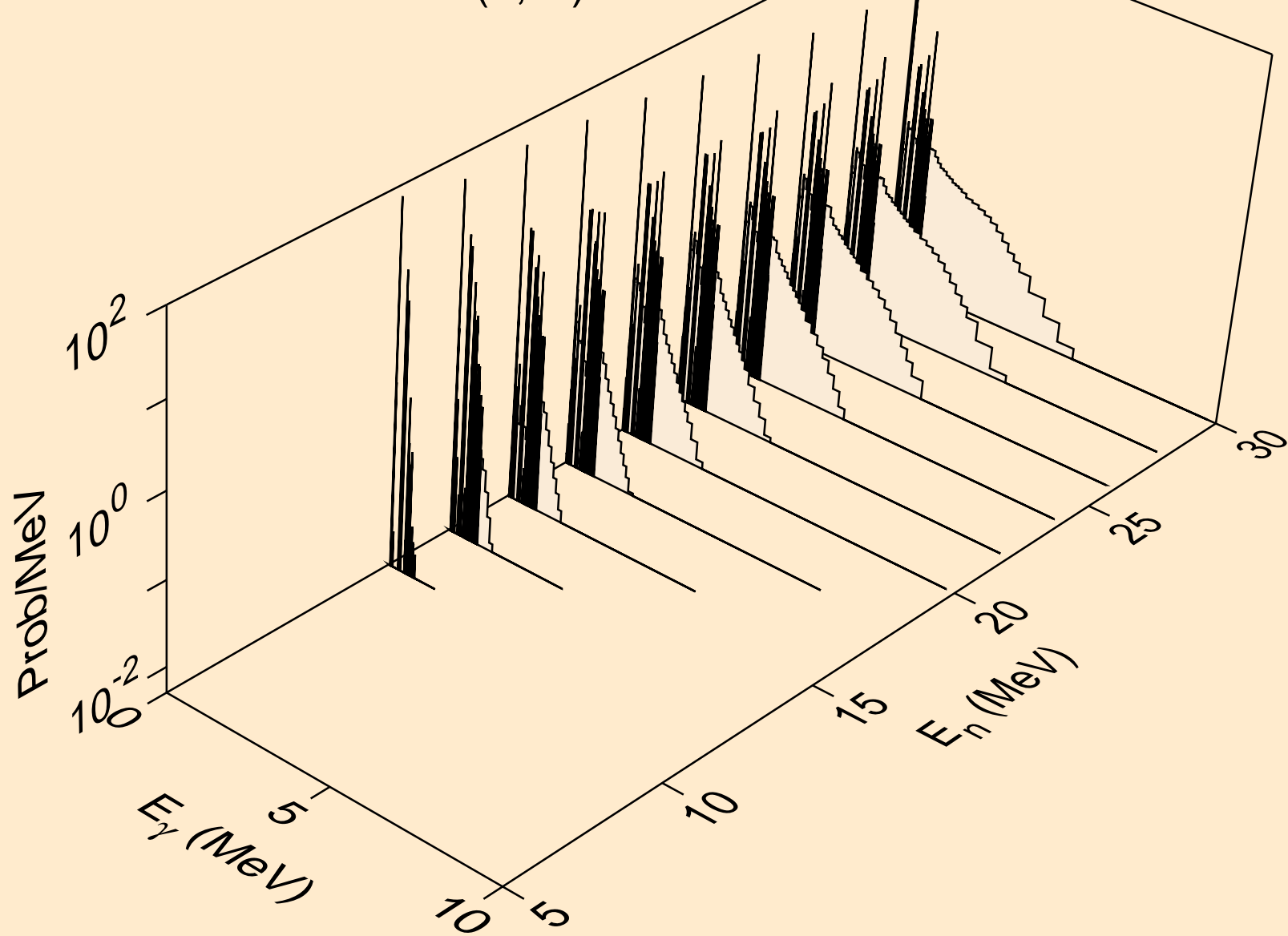
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



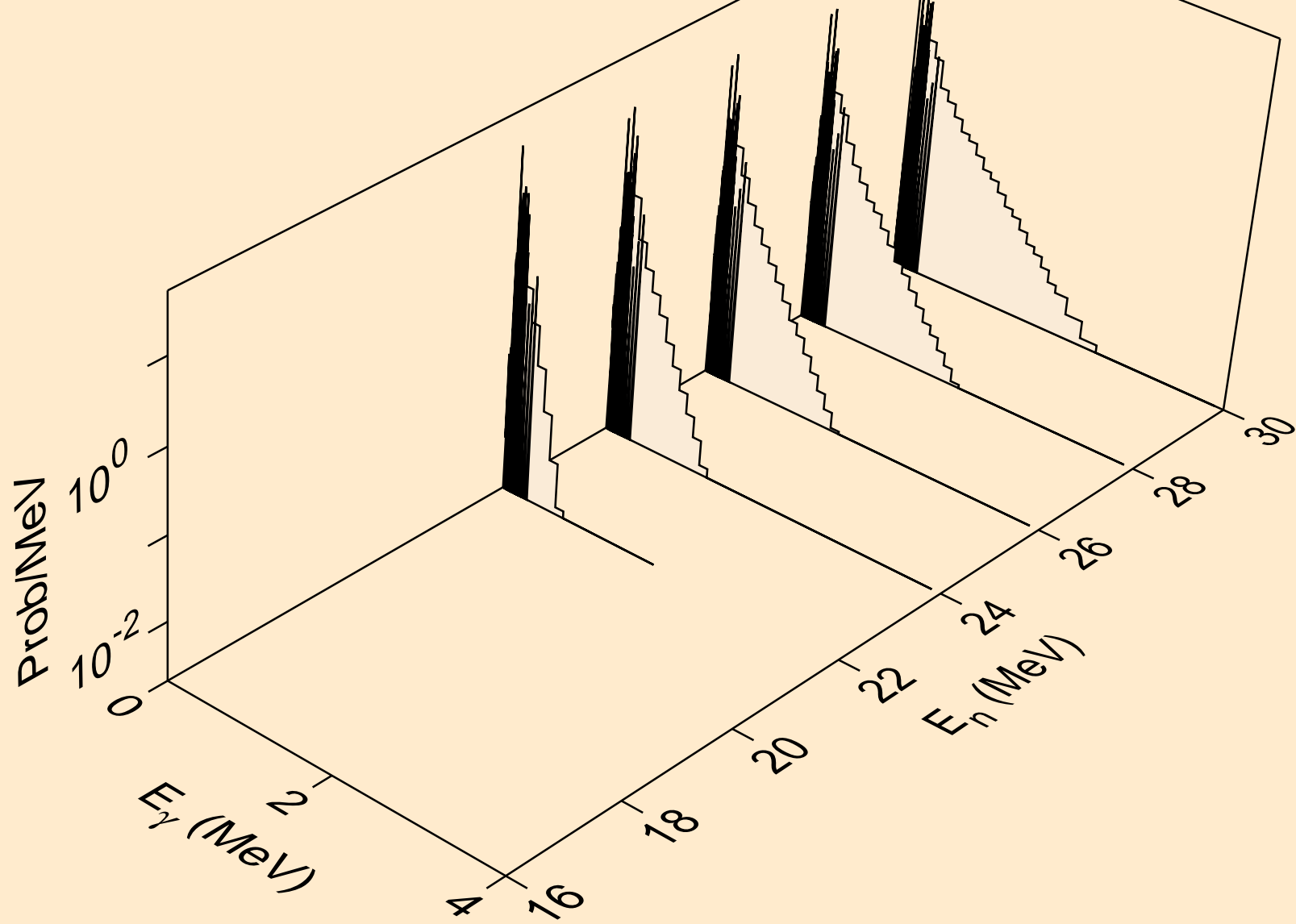
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

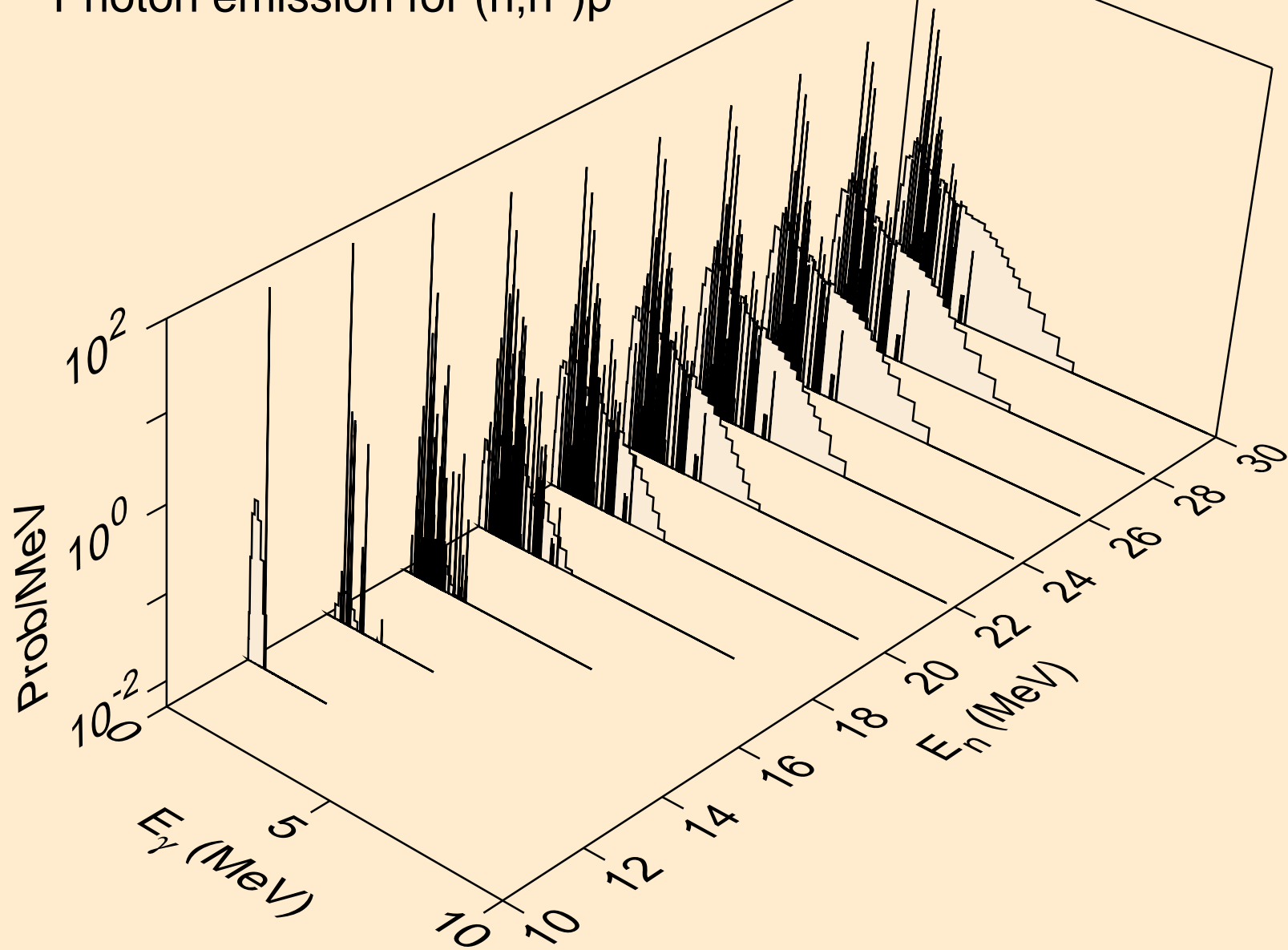


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

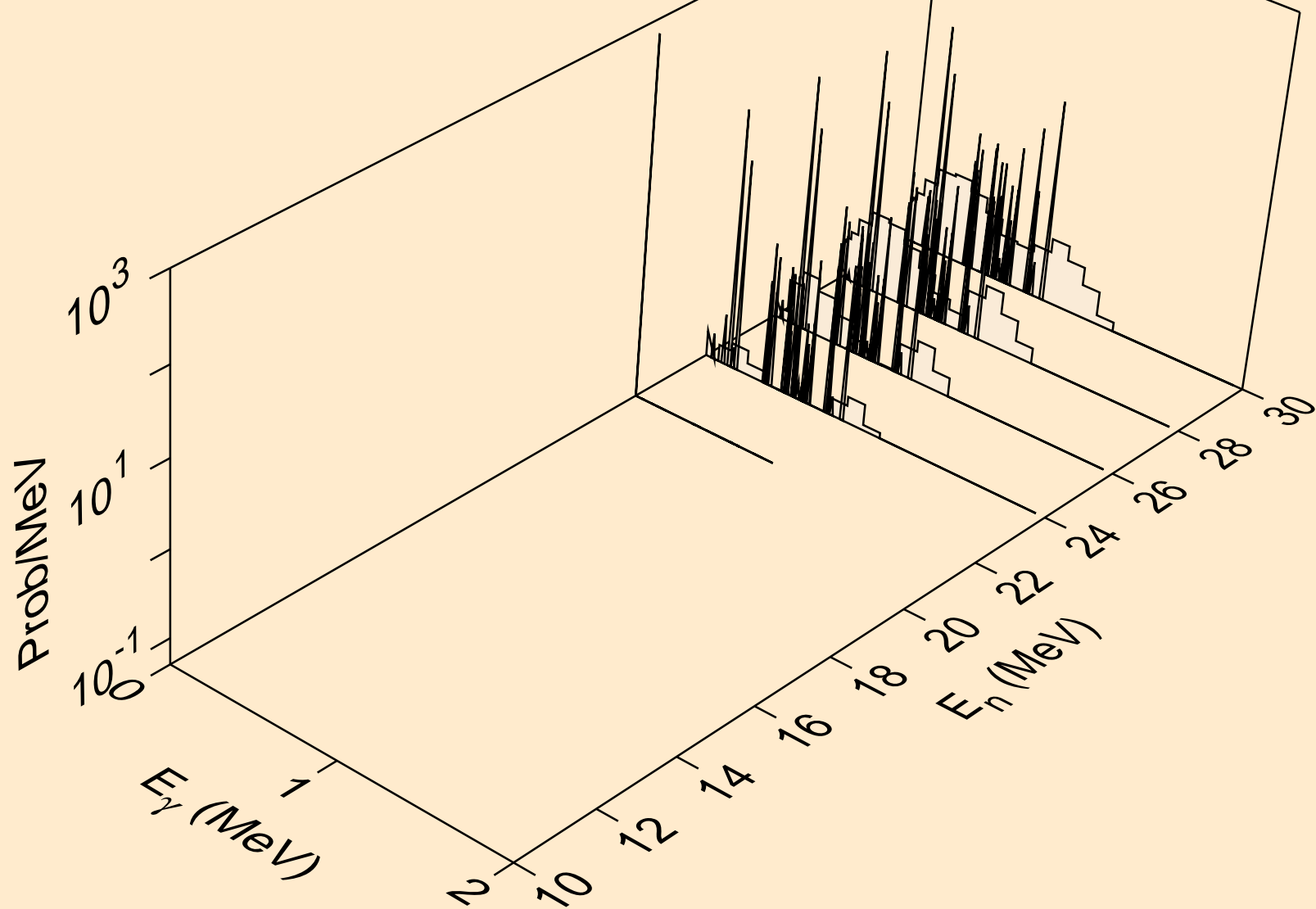




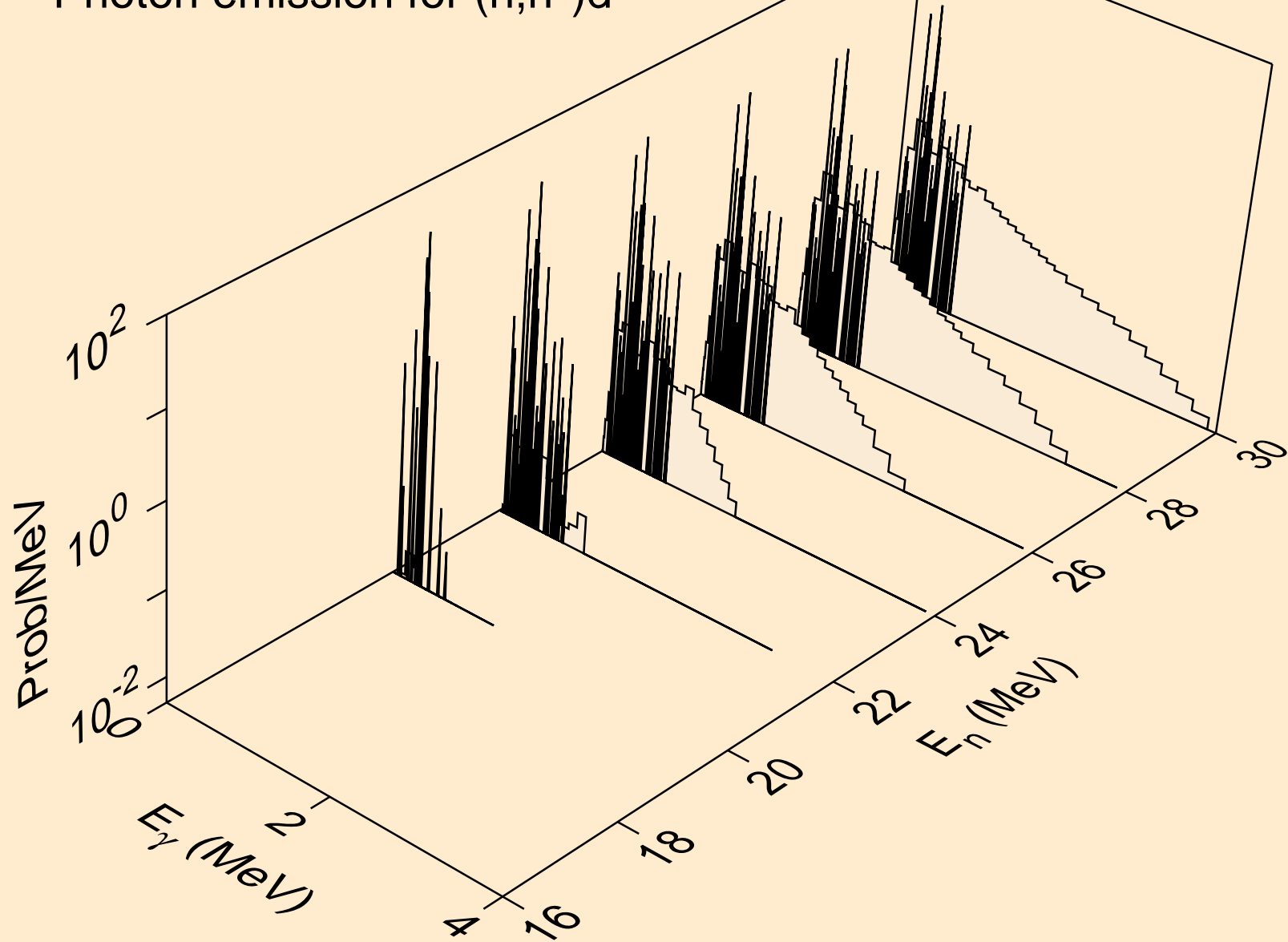
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



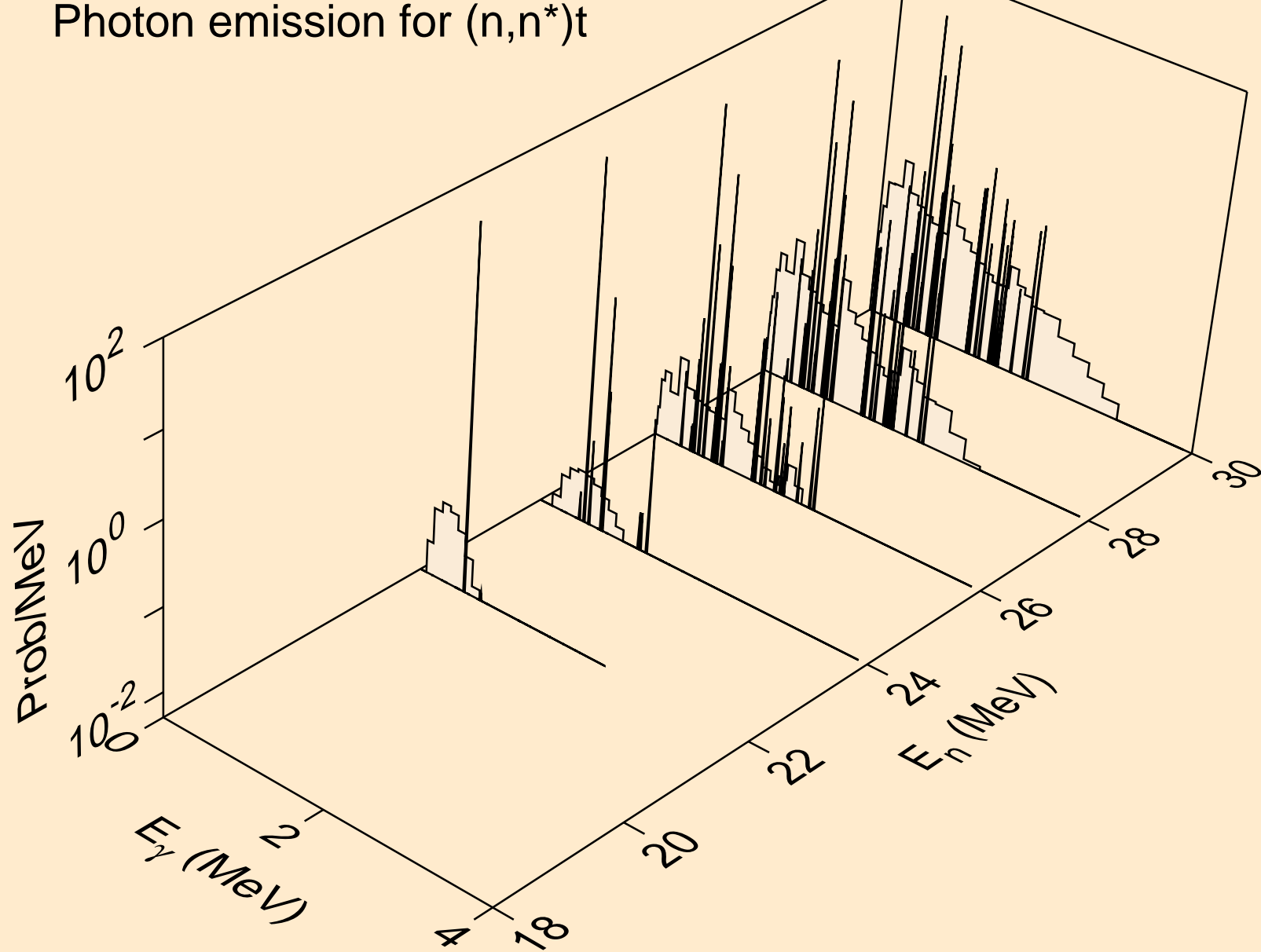
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



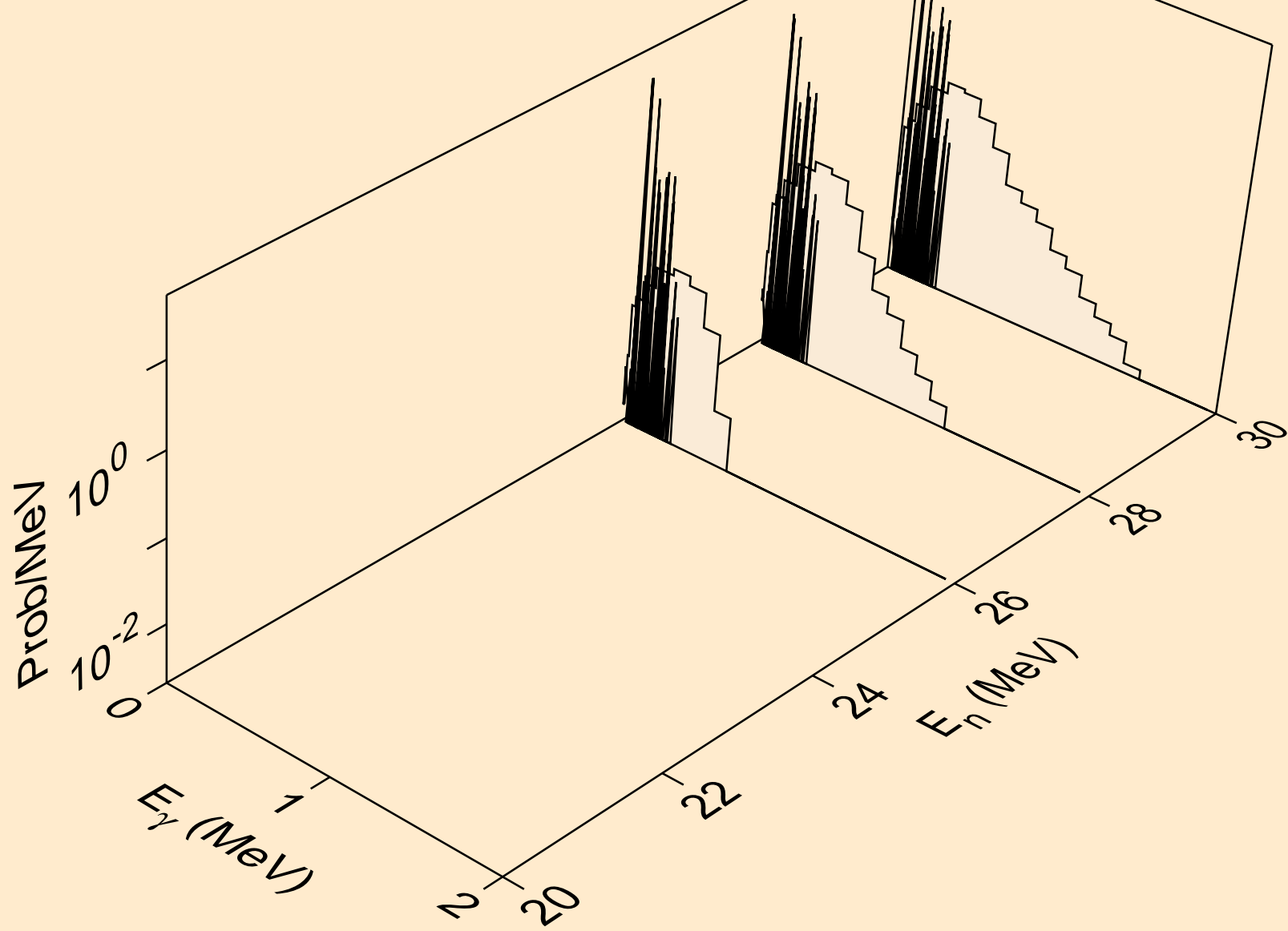
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



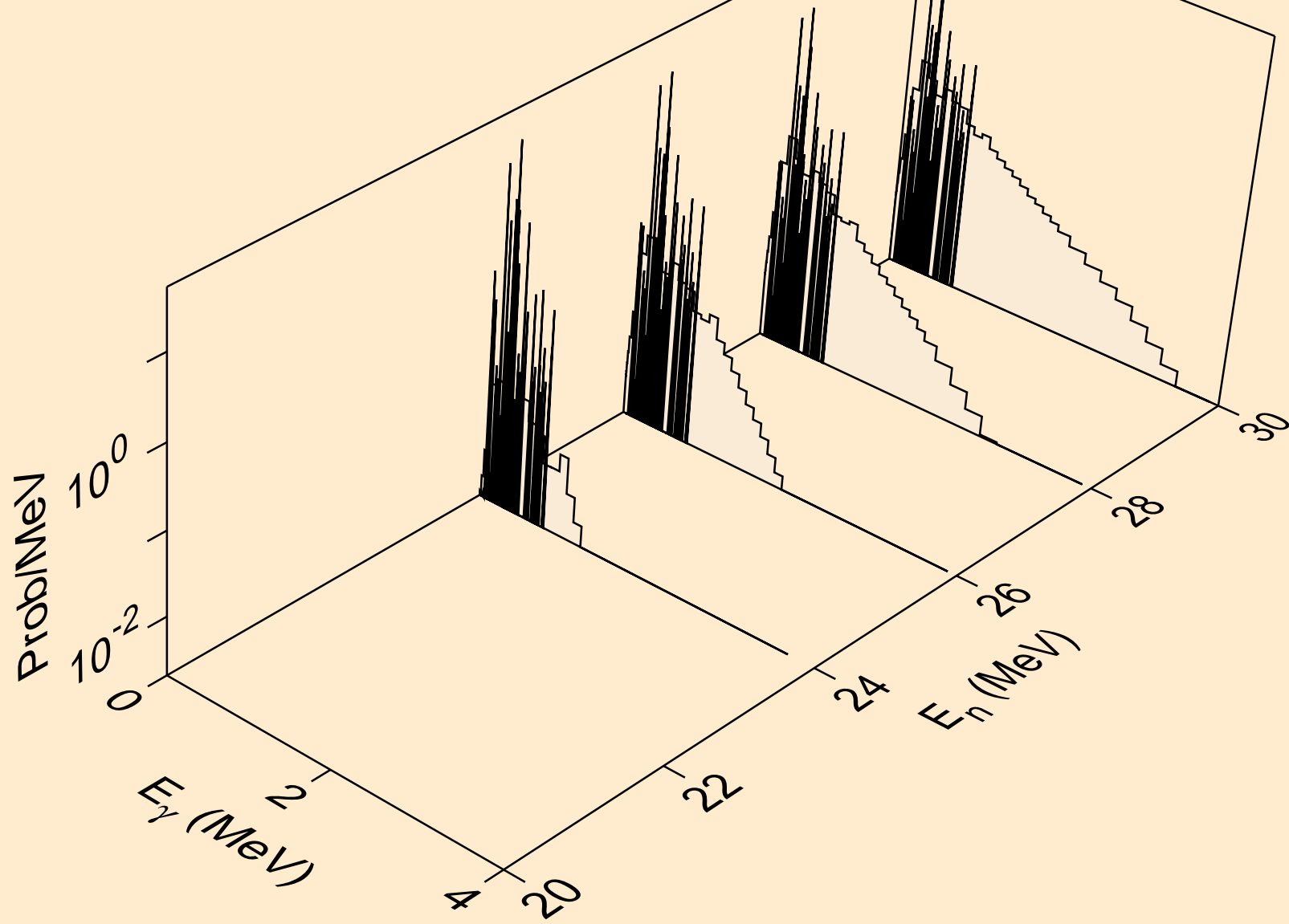
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



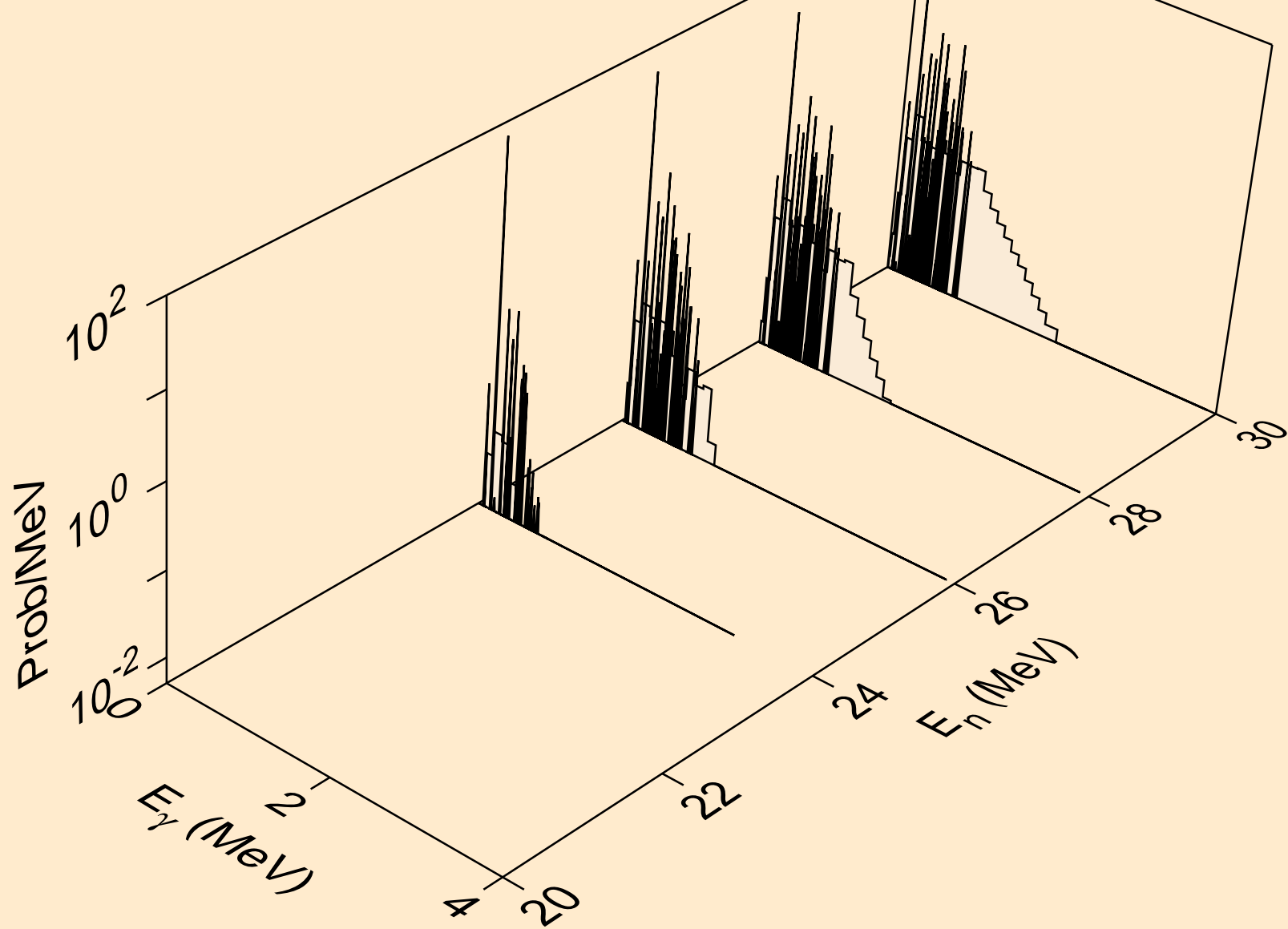
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



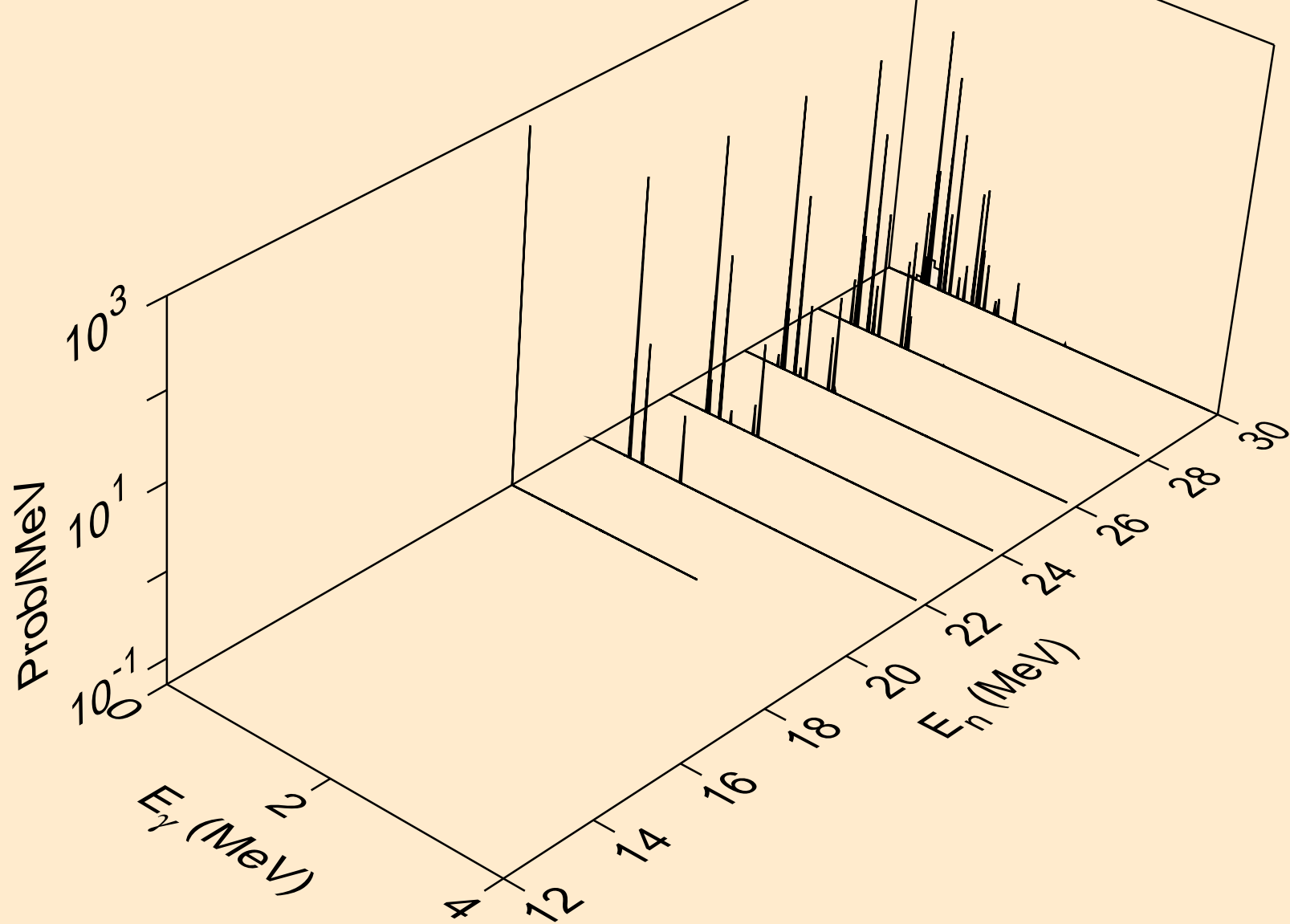
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

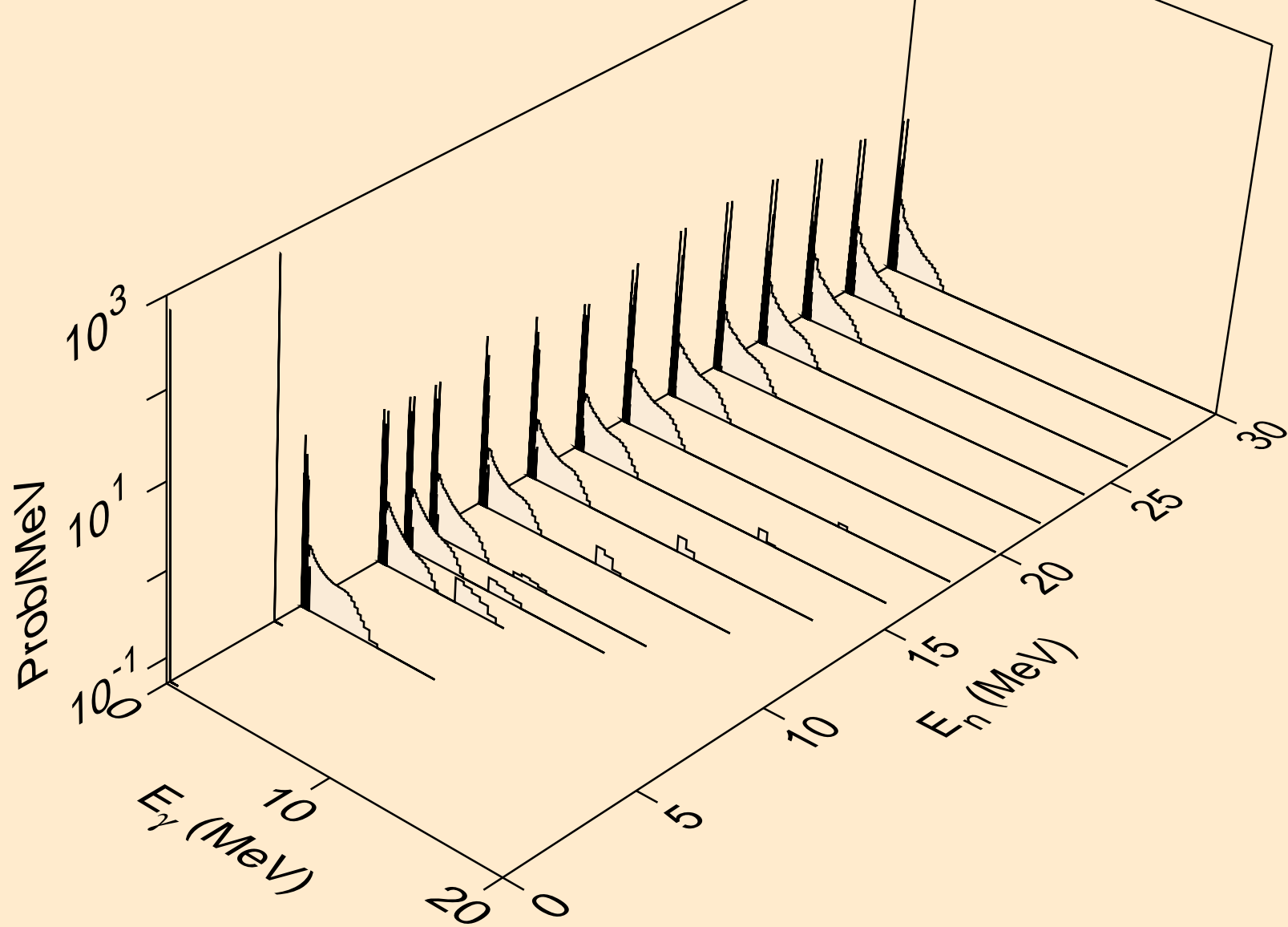


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Photon emission for (n,npa)

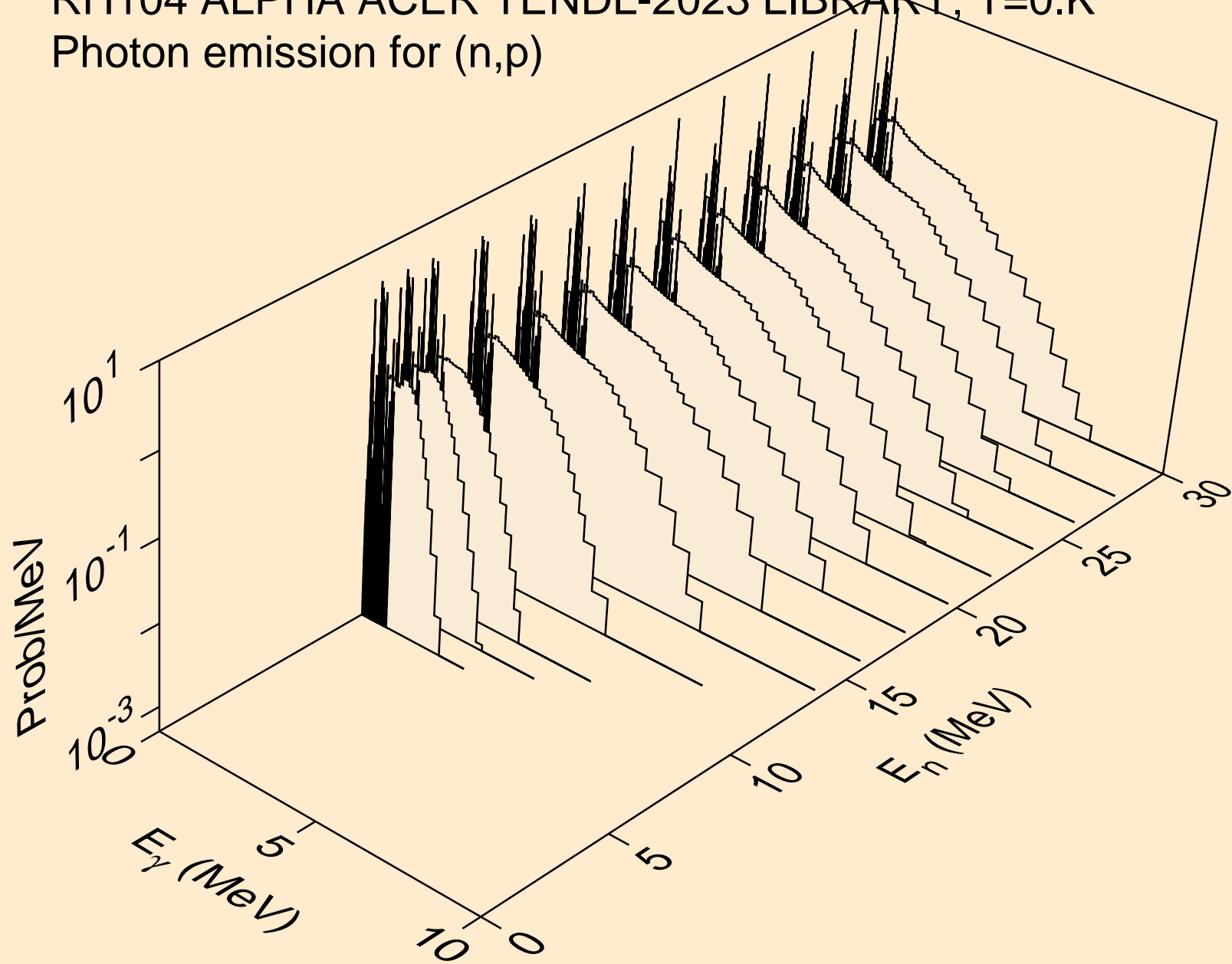




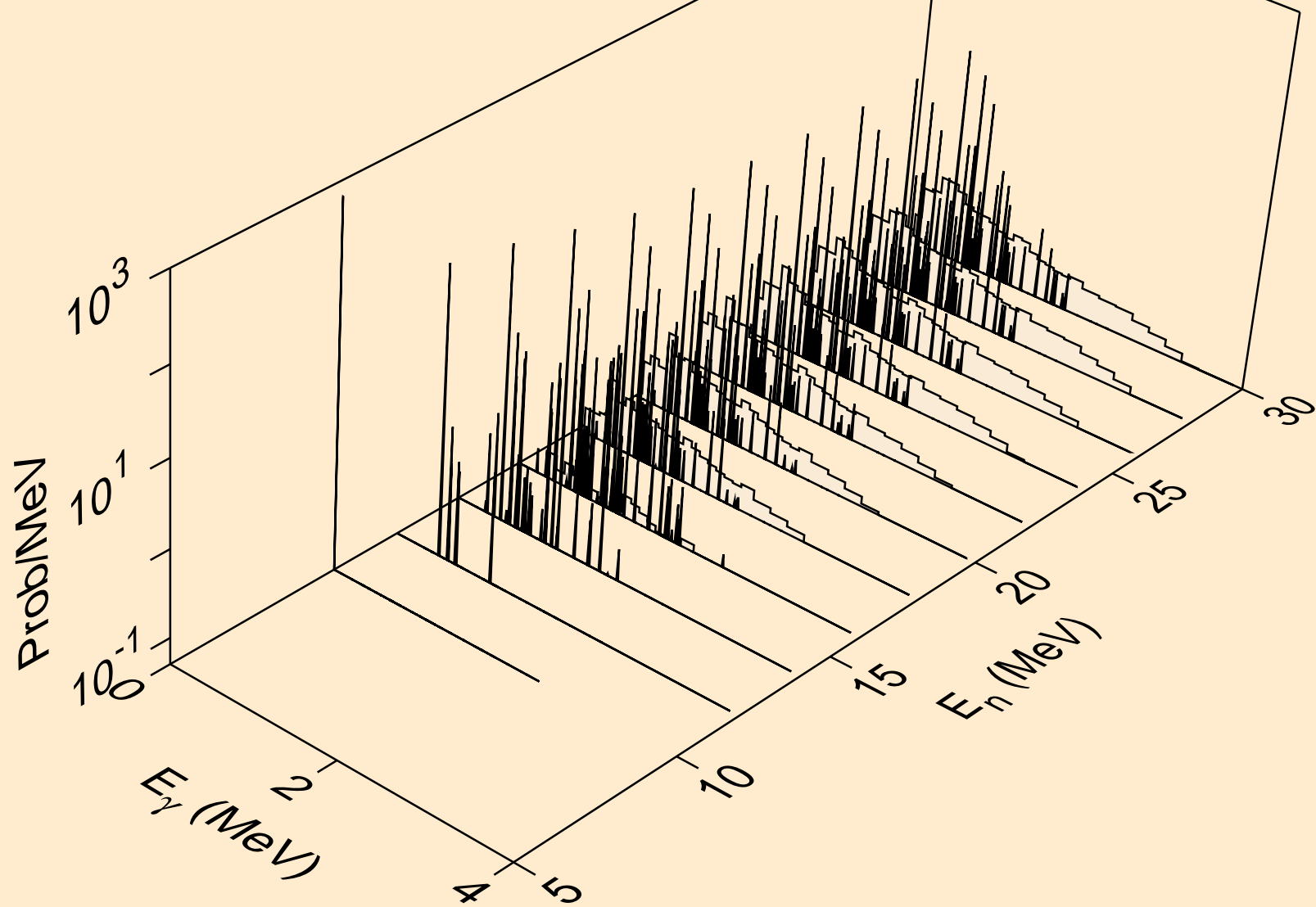
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Photon emission for (n,gma)



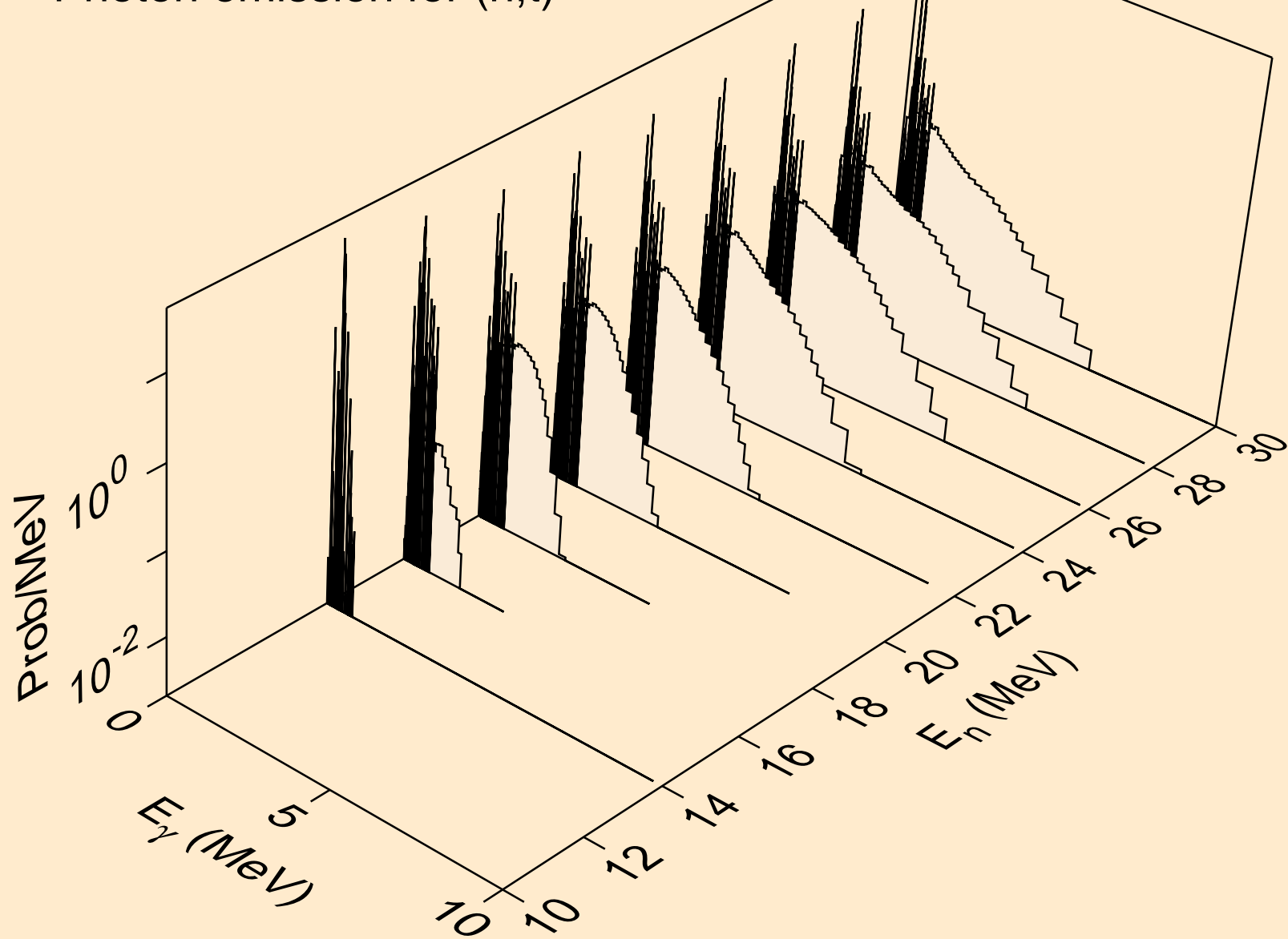
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Photon emission for (n,p)



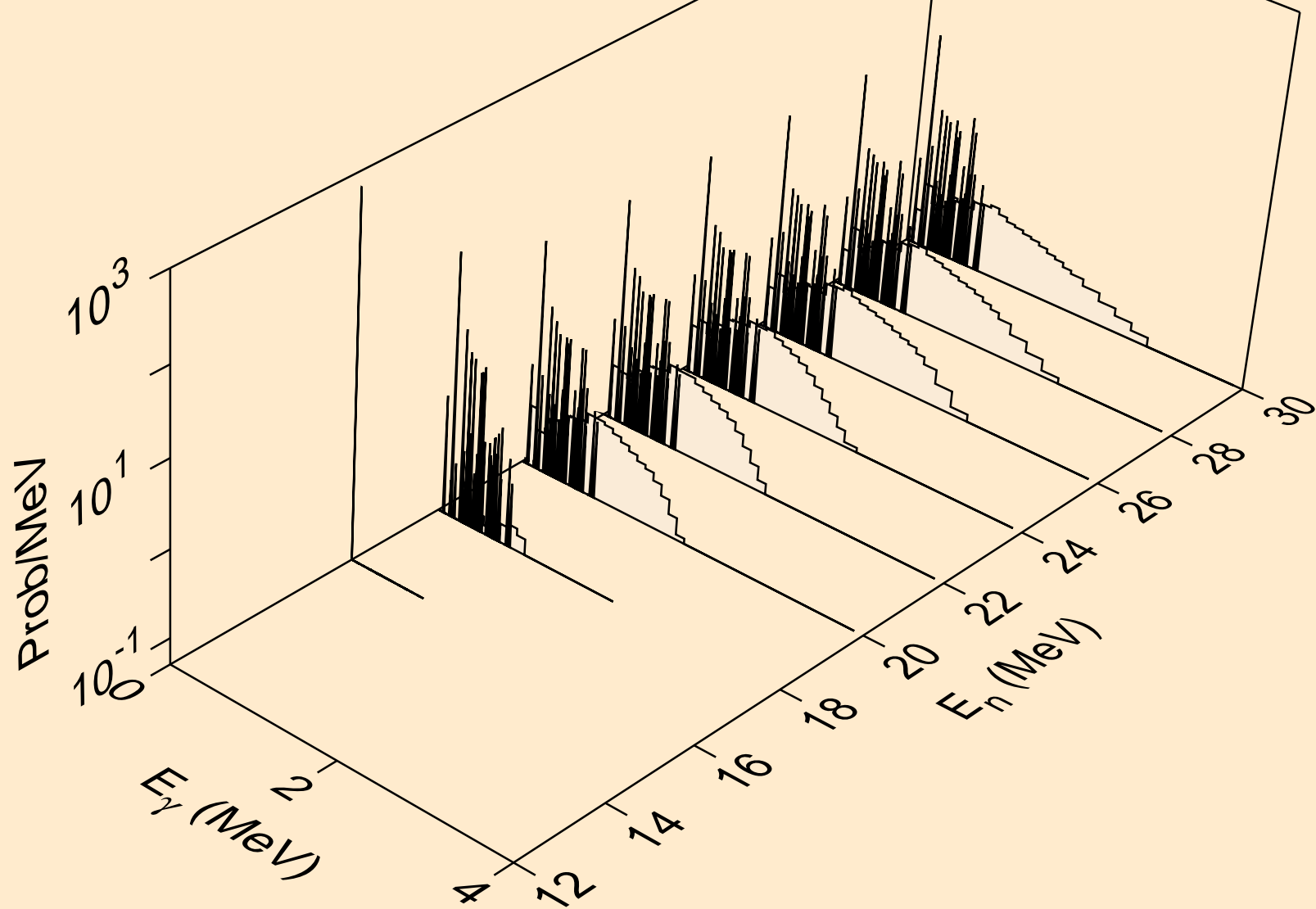
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Photon emission for (n,d)



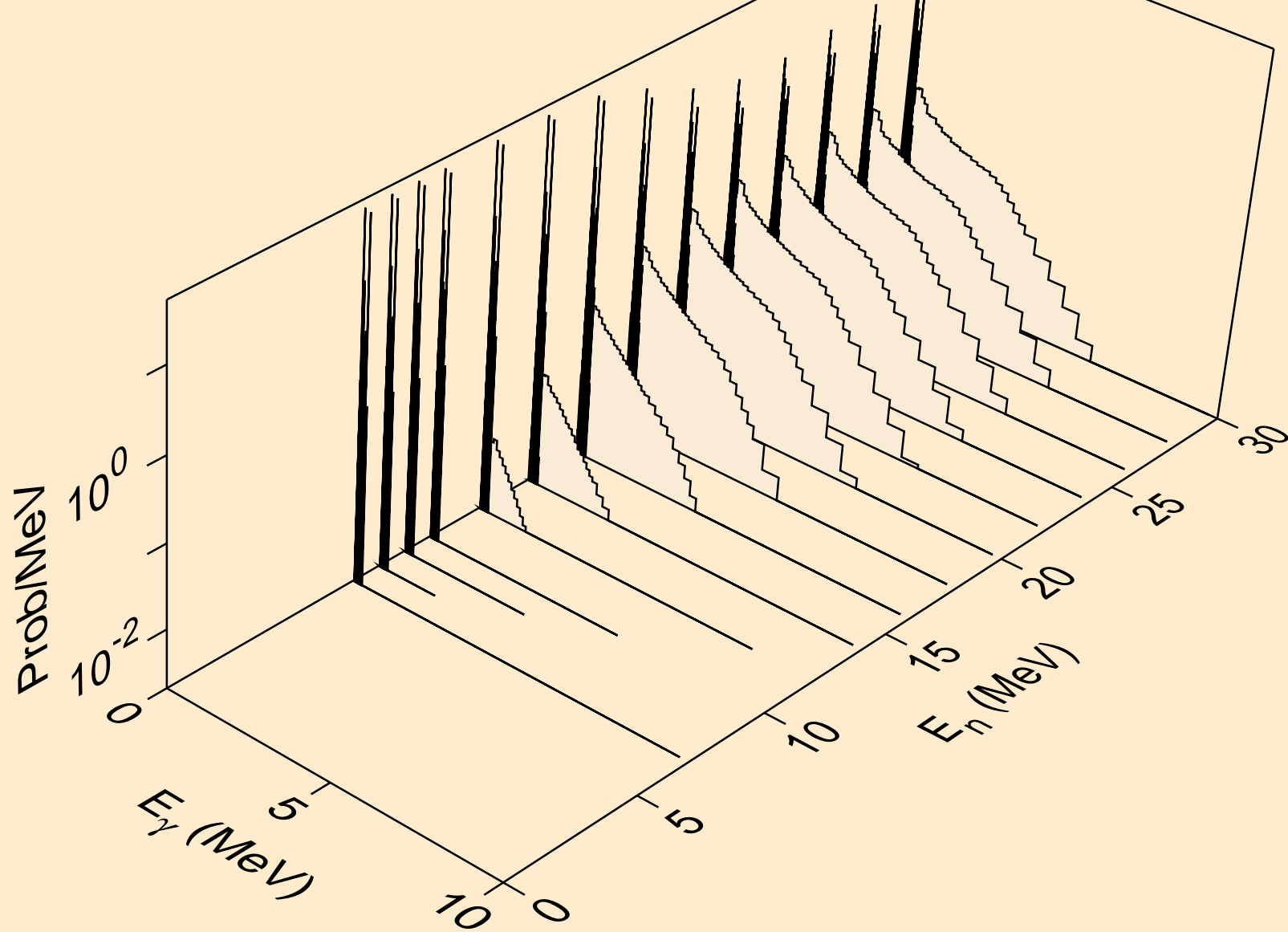
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



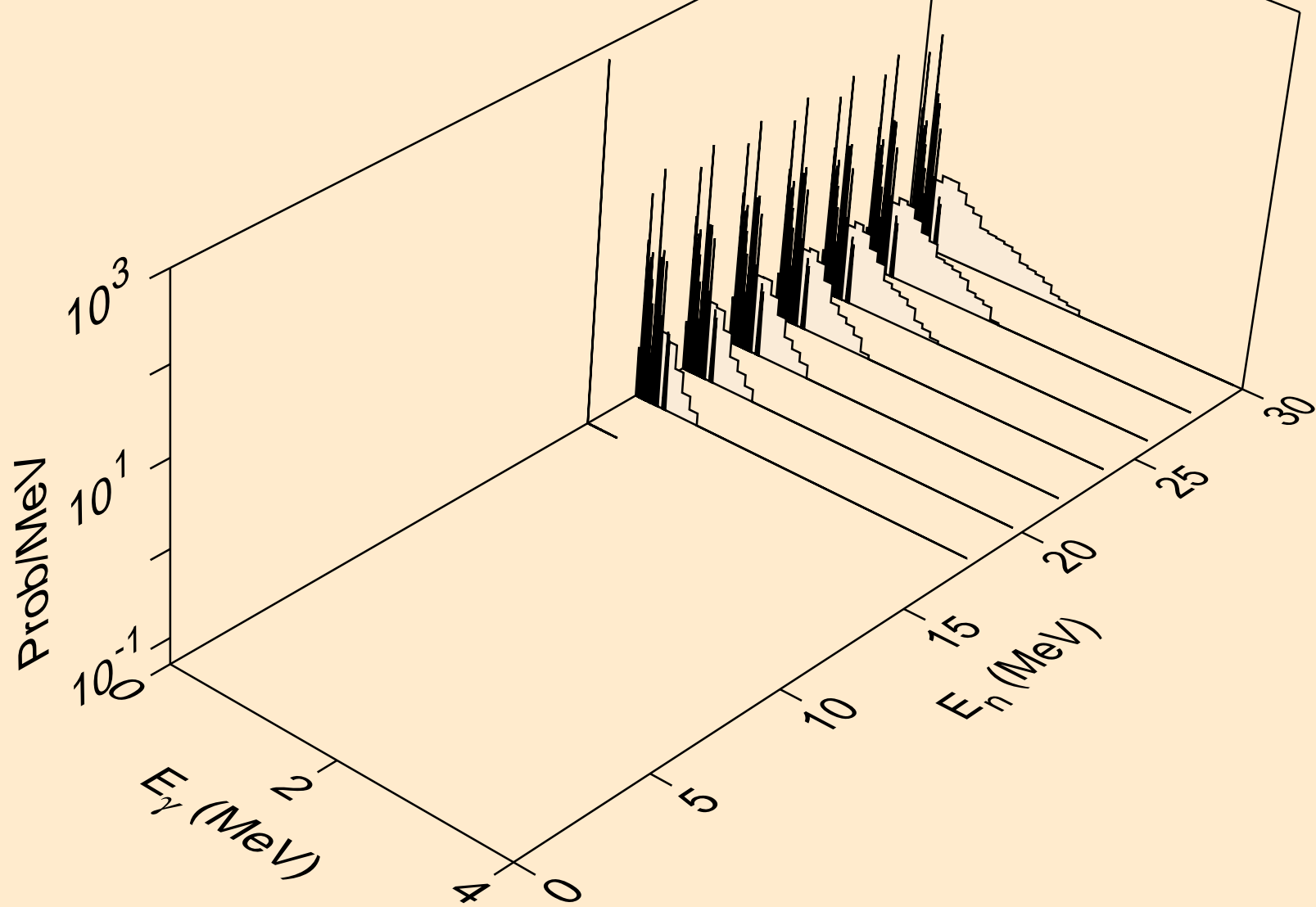
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



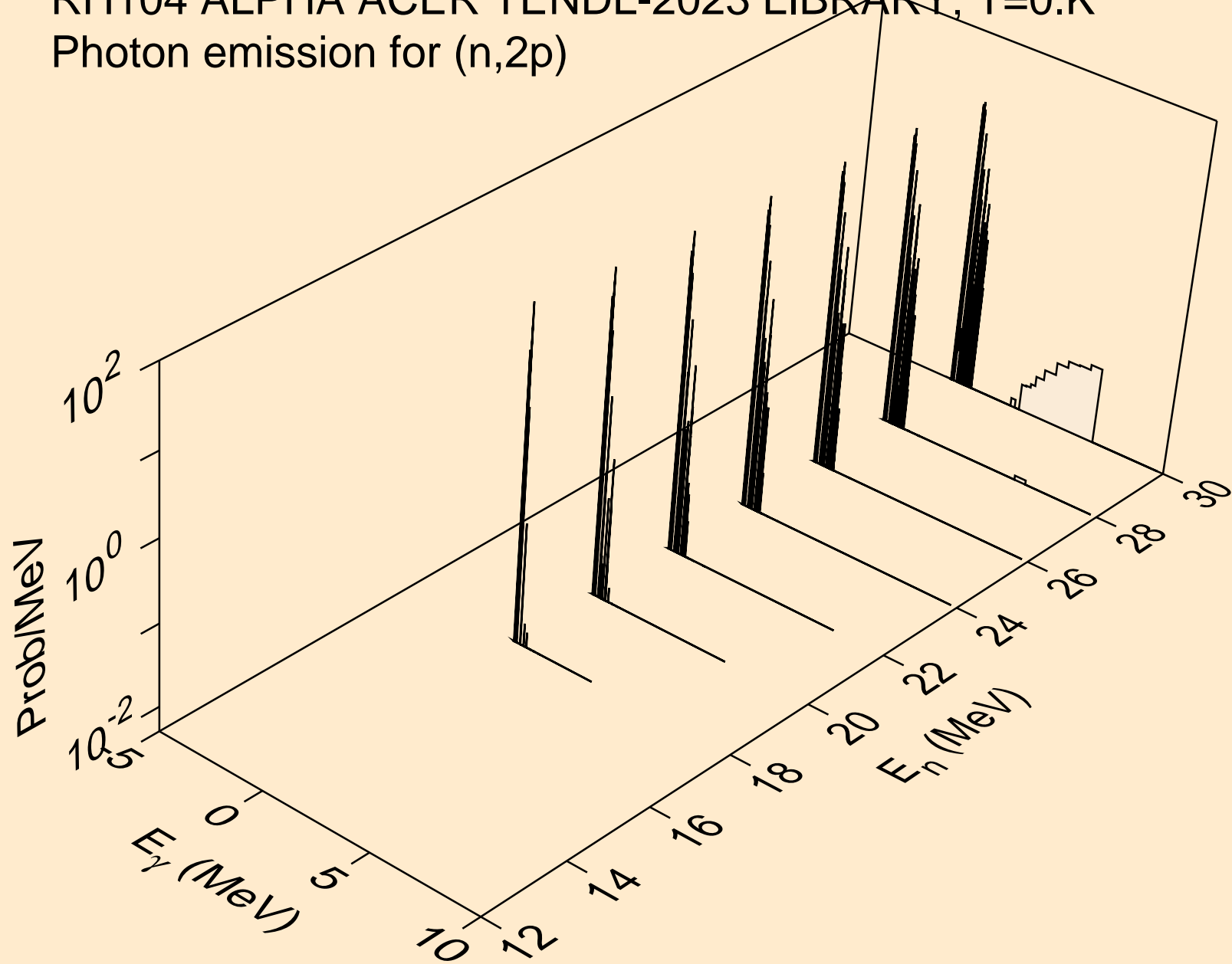
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

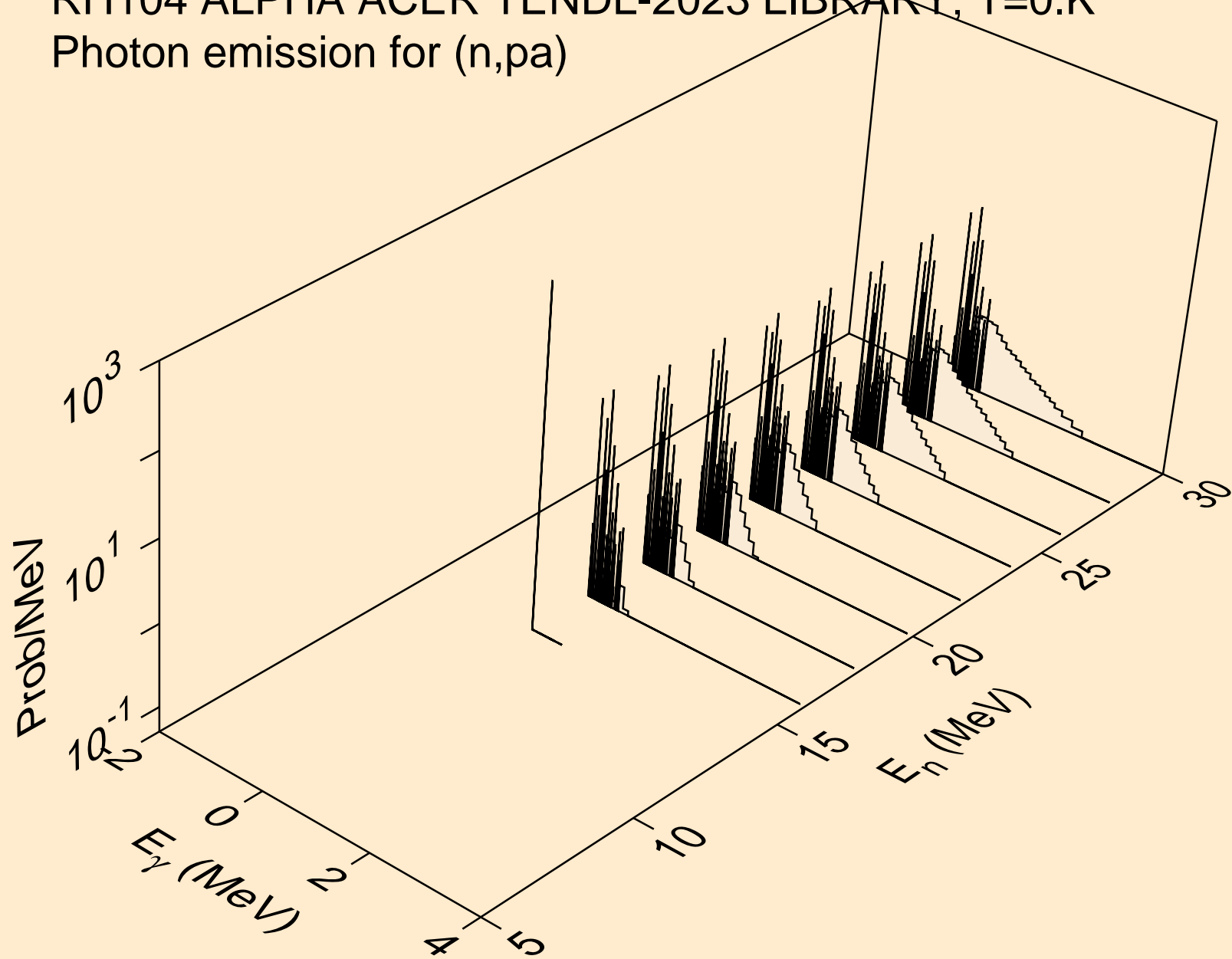


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

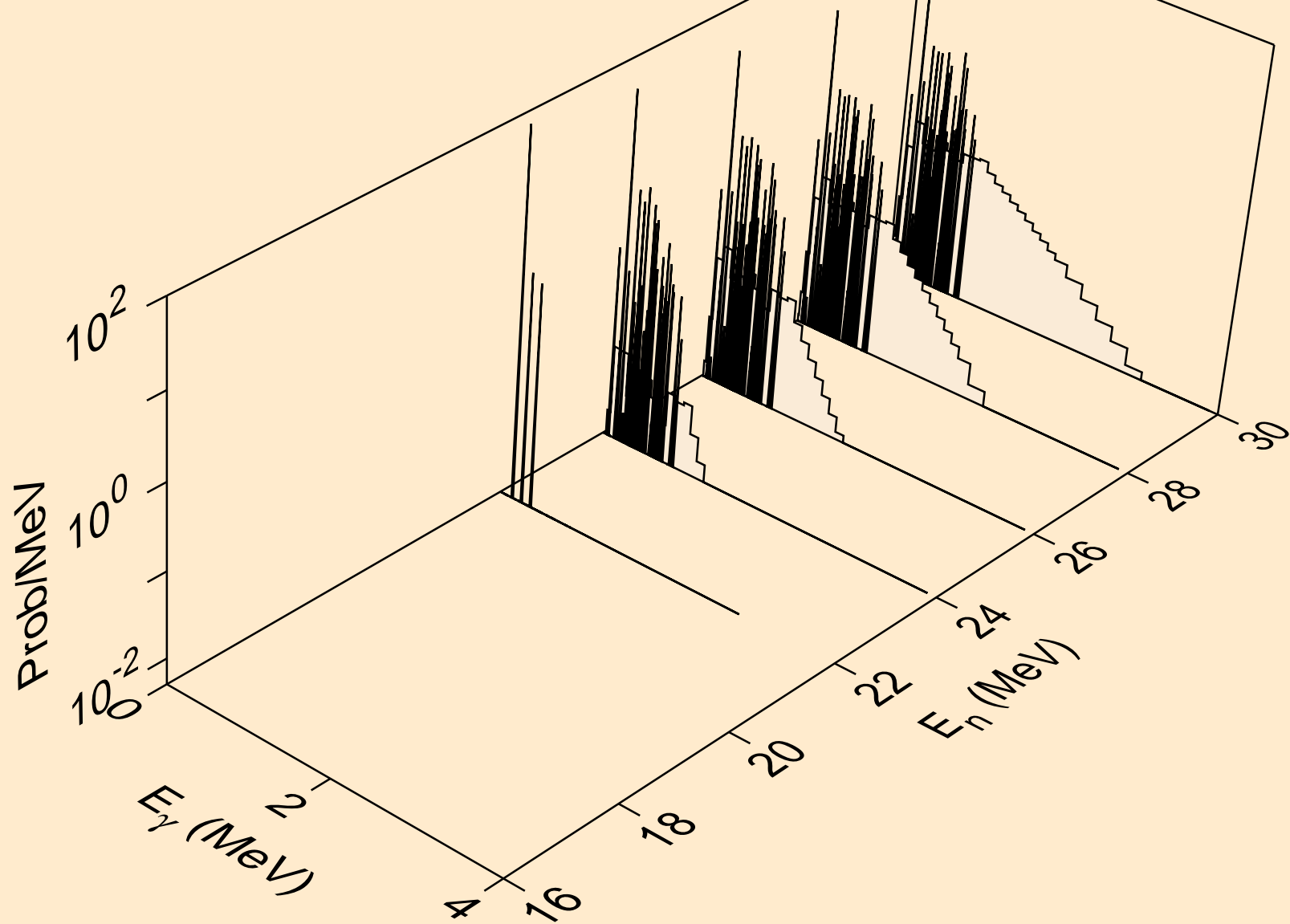




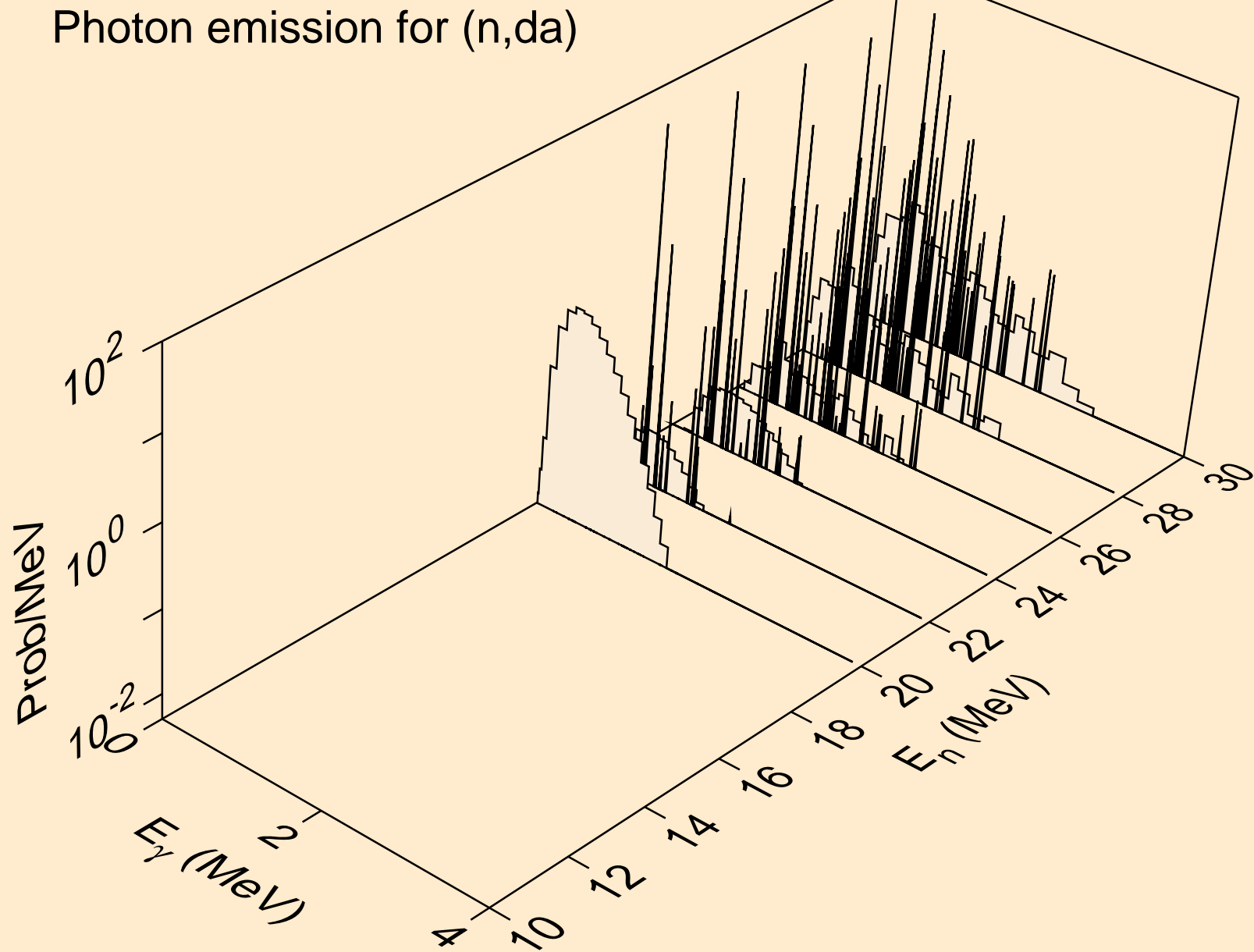
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

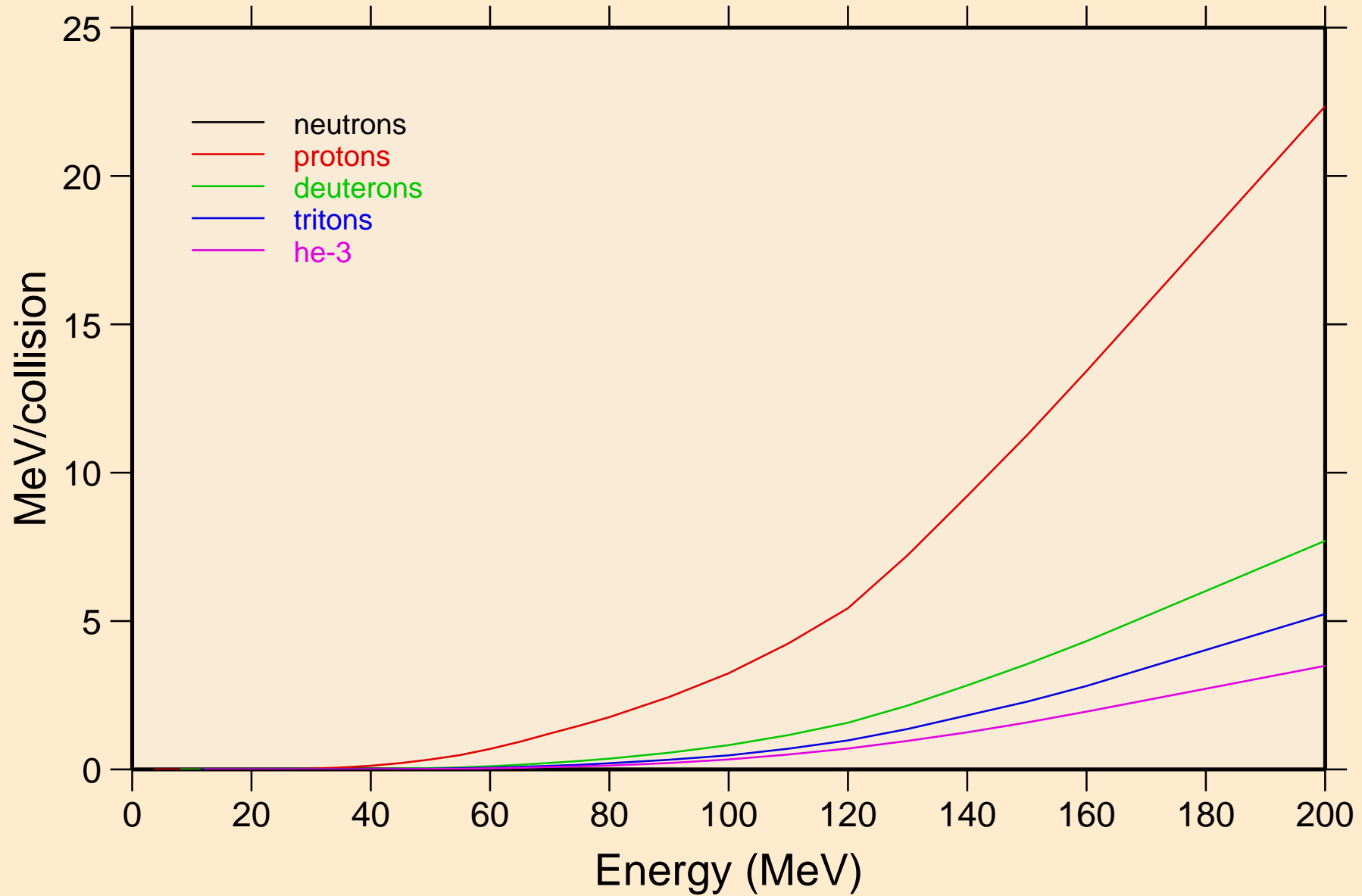


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Photon emission for (n,da)

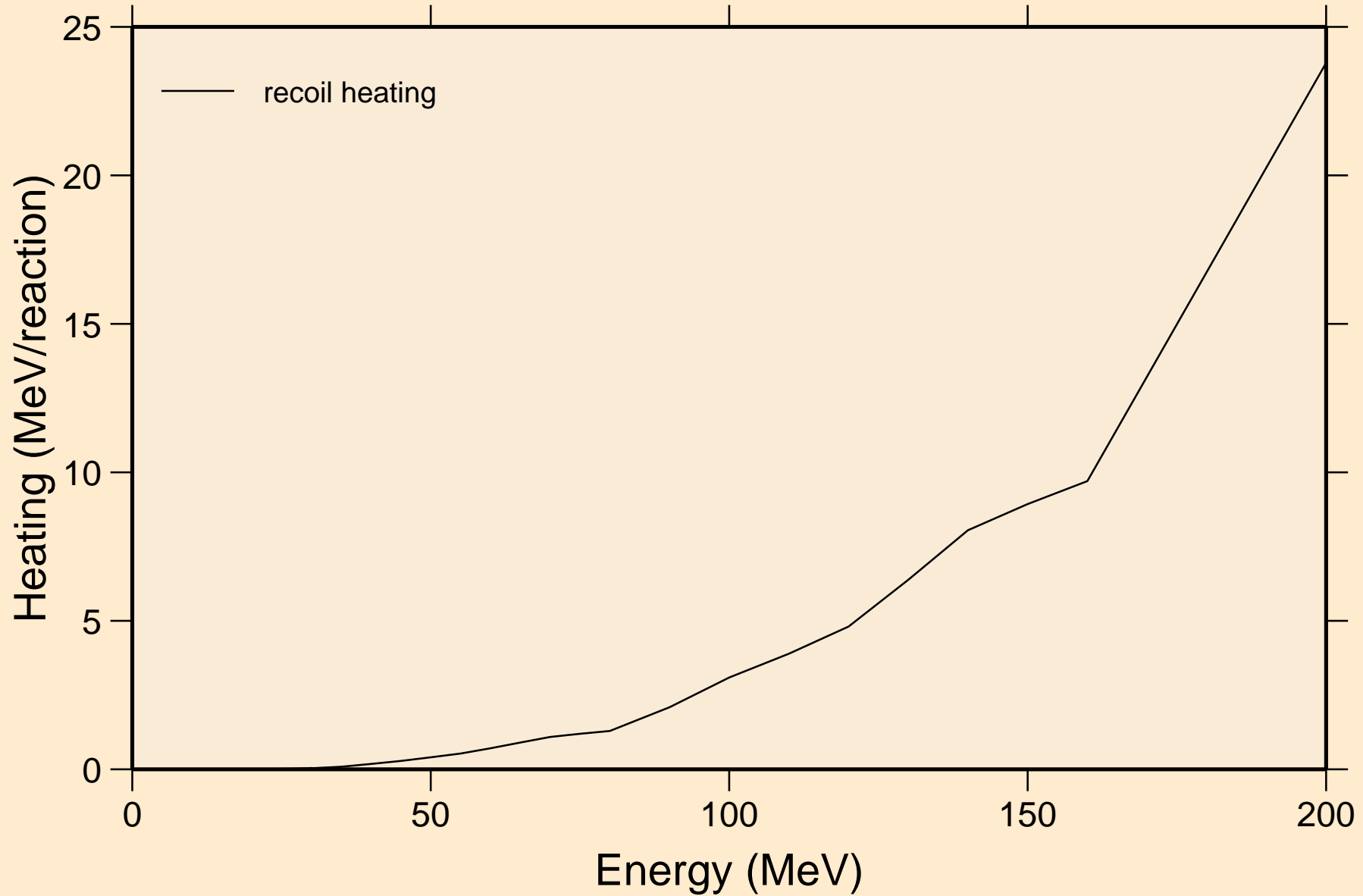


# RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

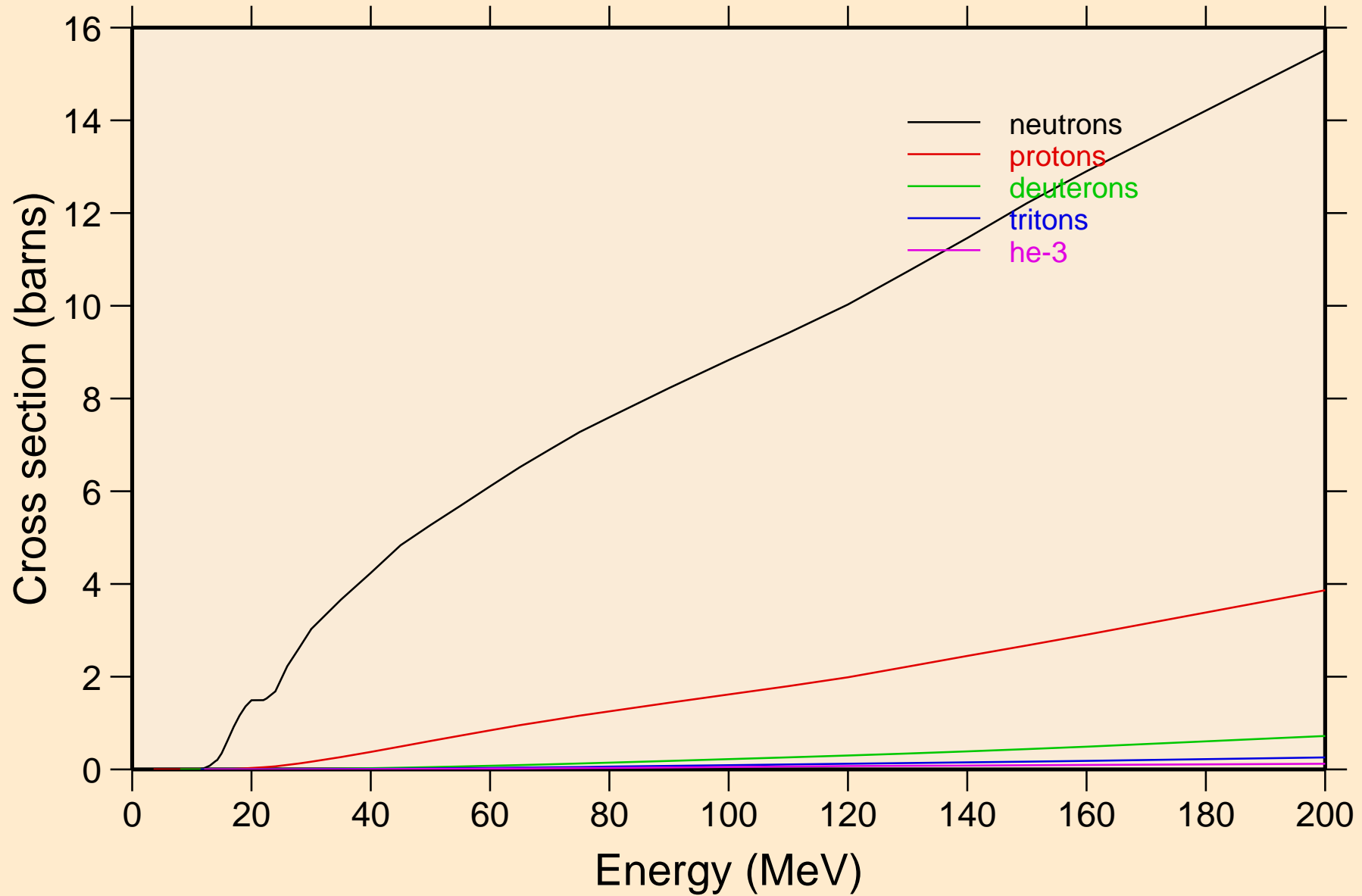
## Particle heating contributions



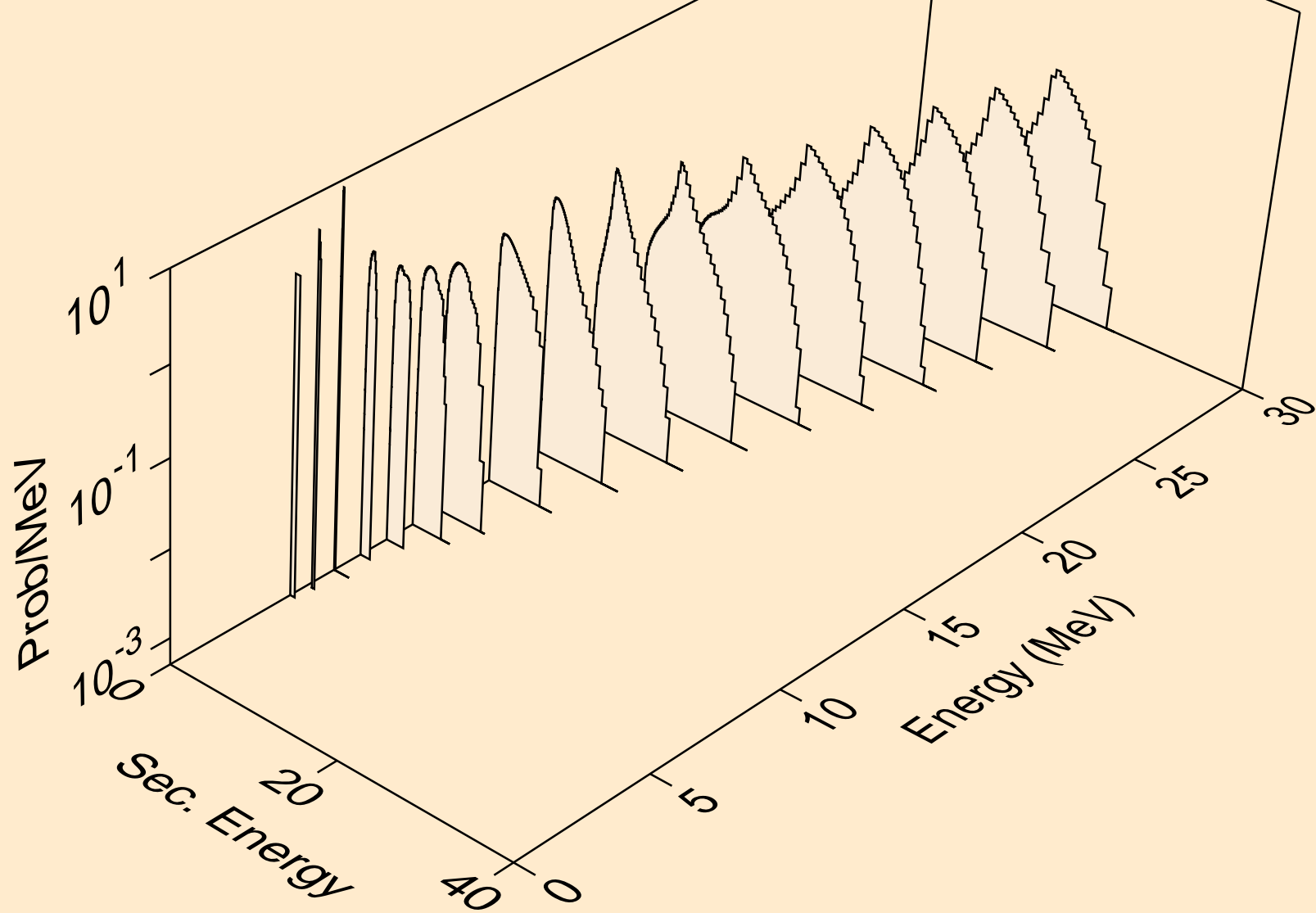
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



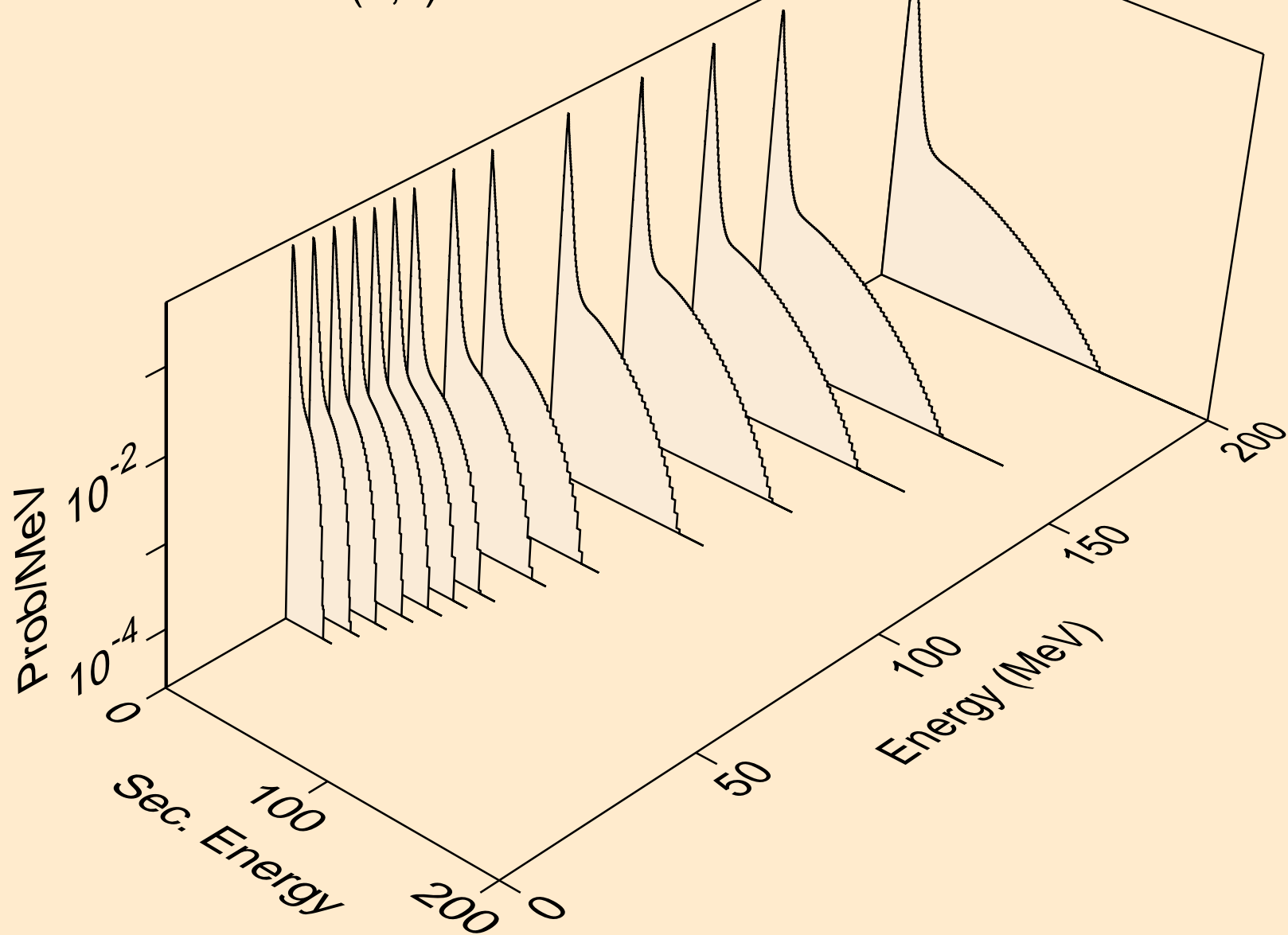
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

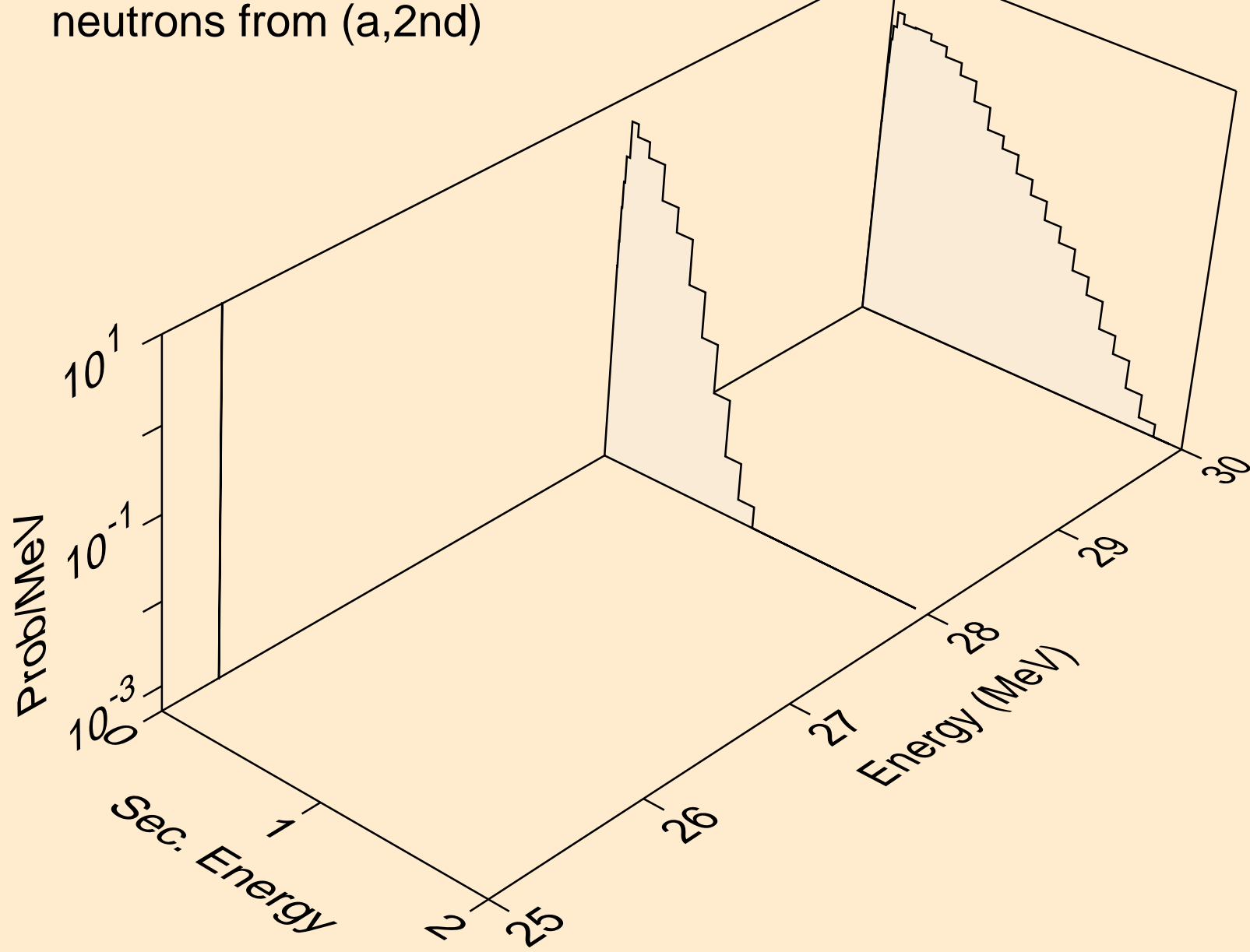


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

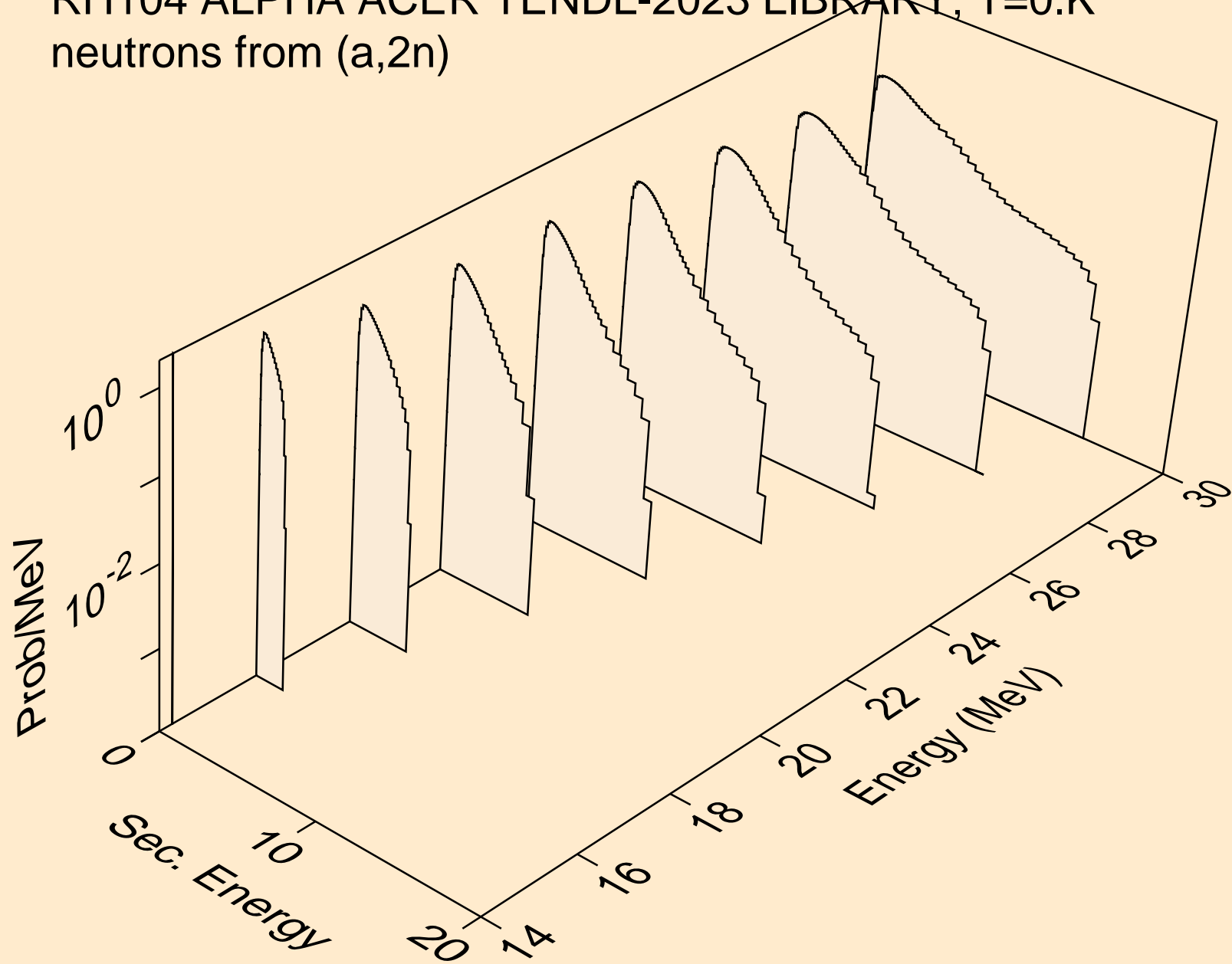




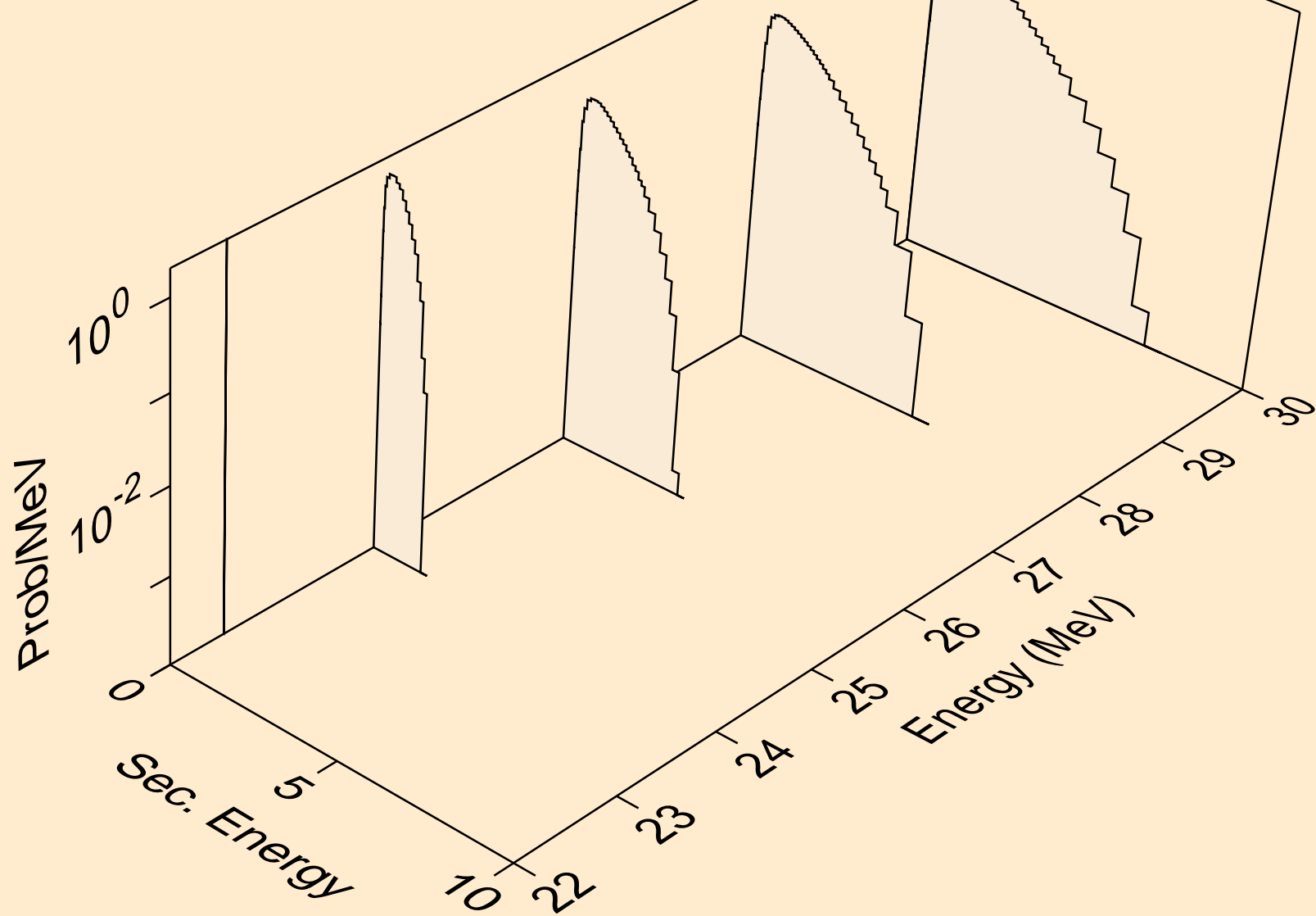
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



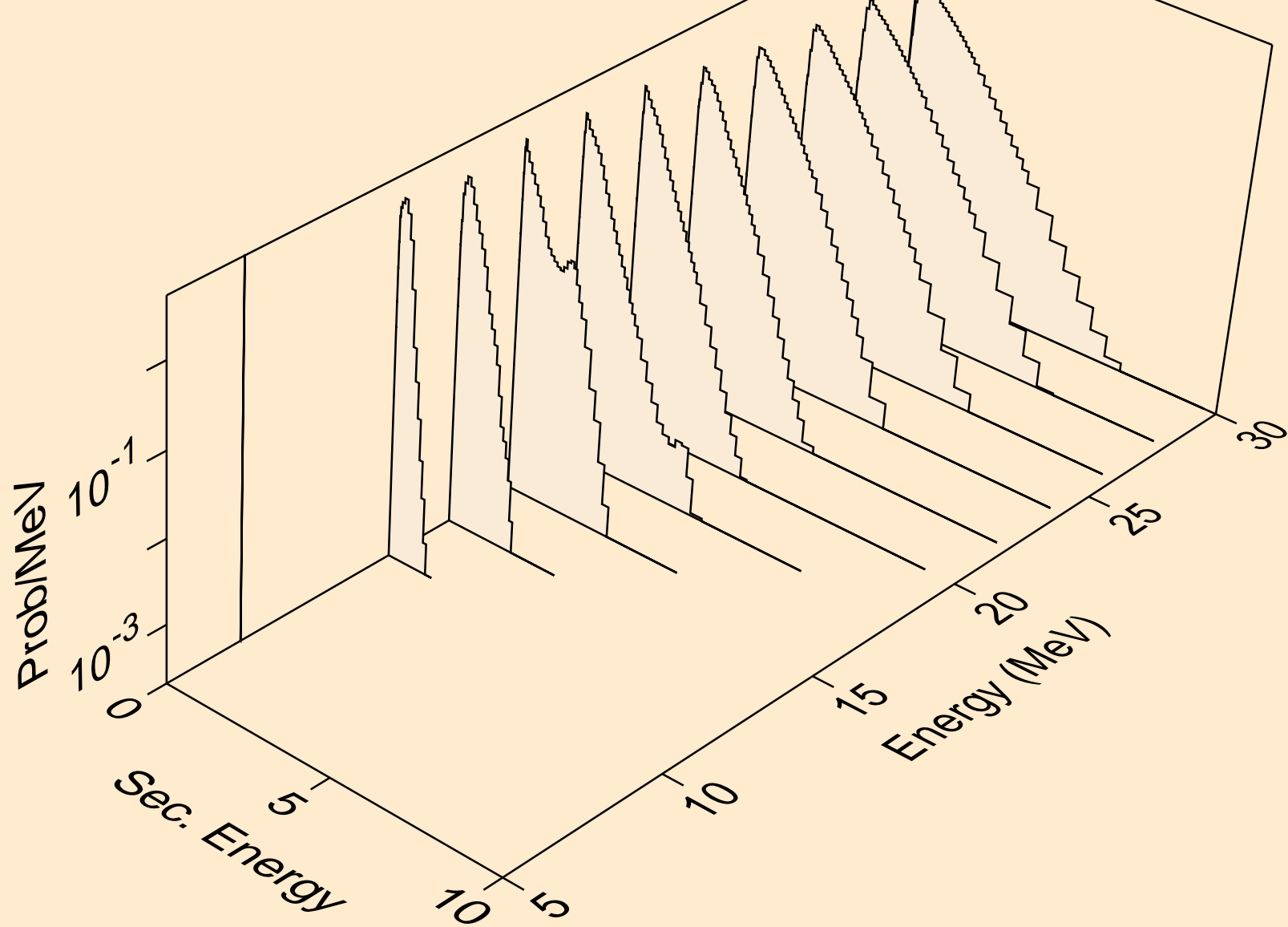
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



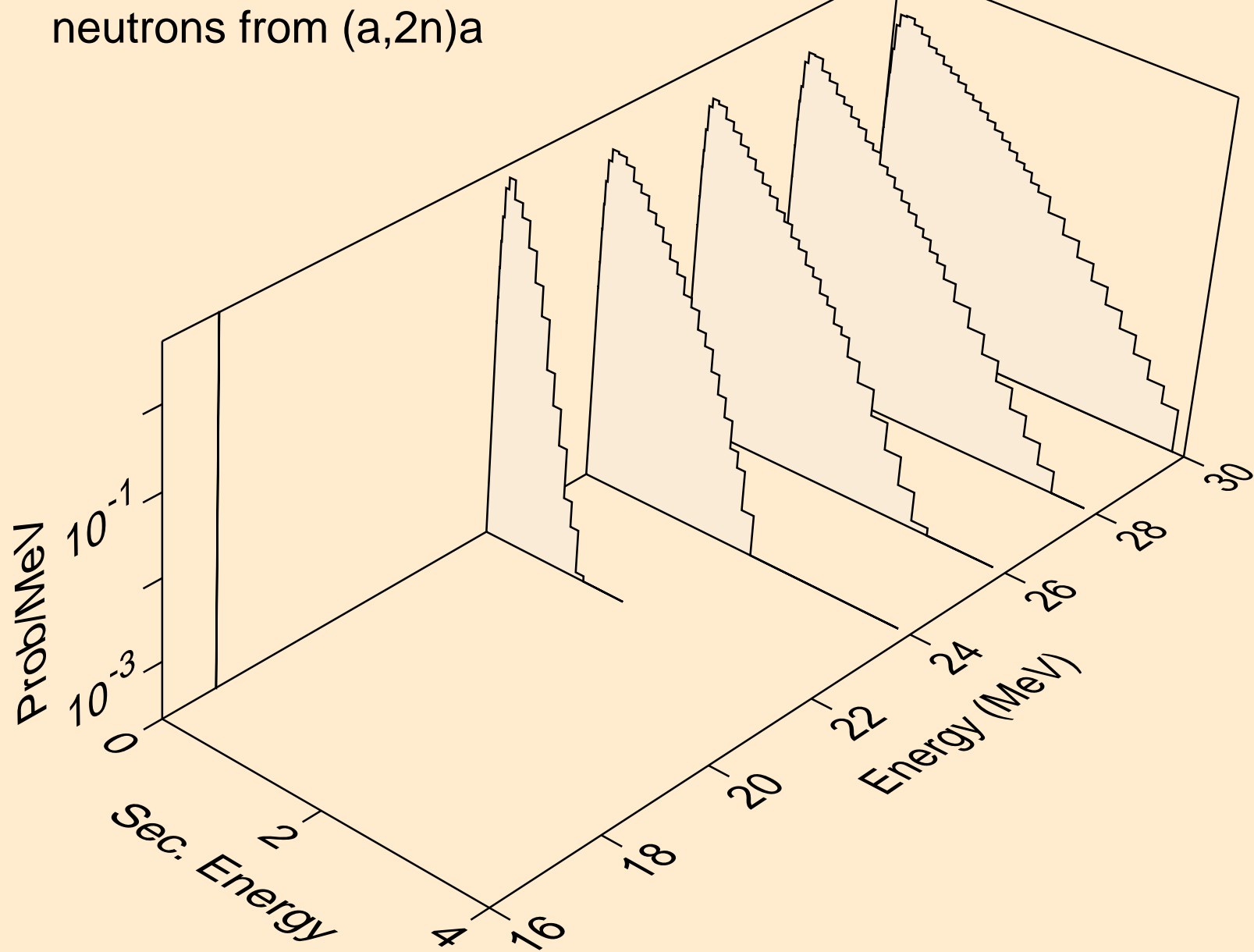
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



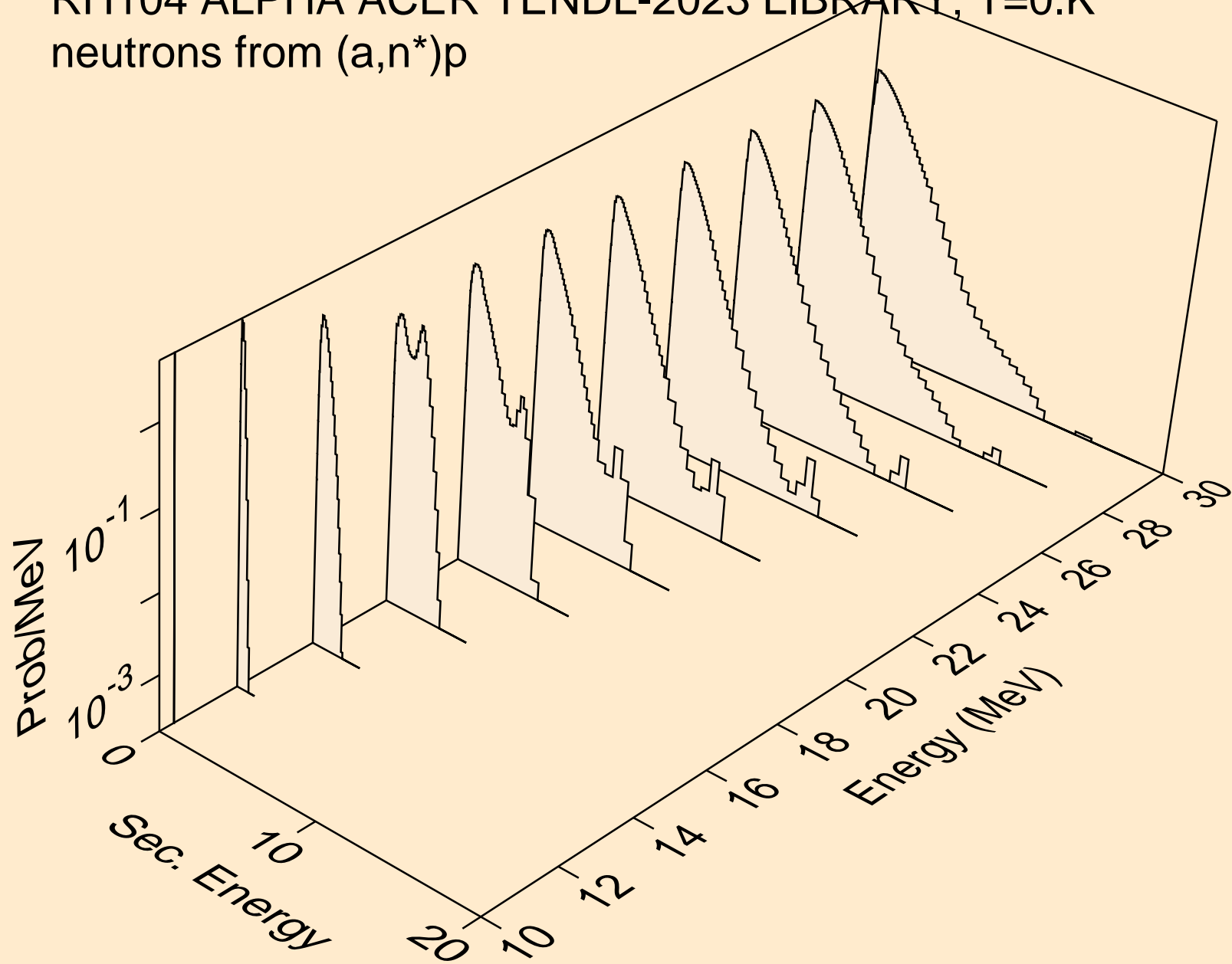
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



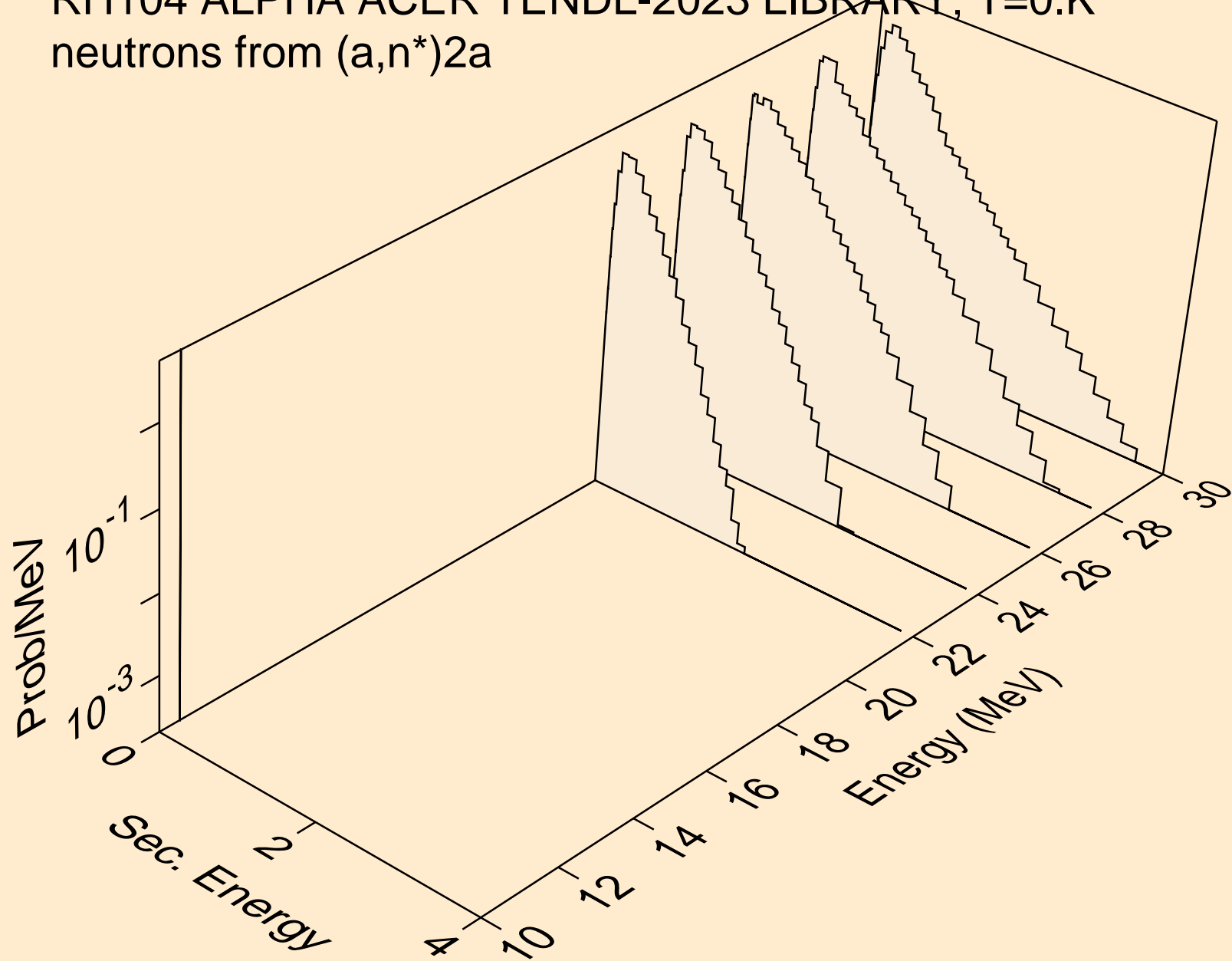
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



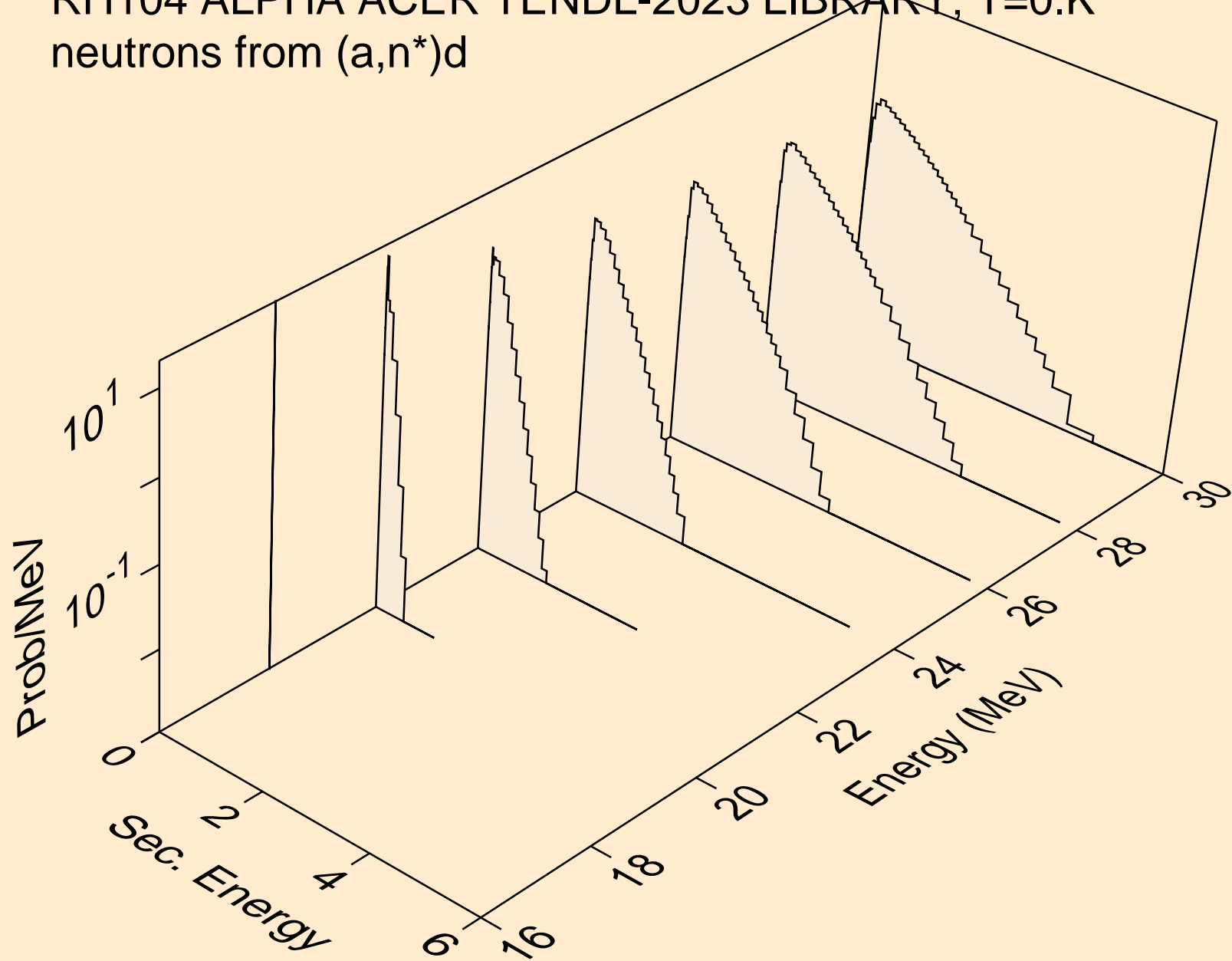
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

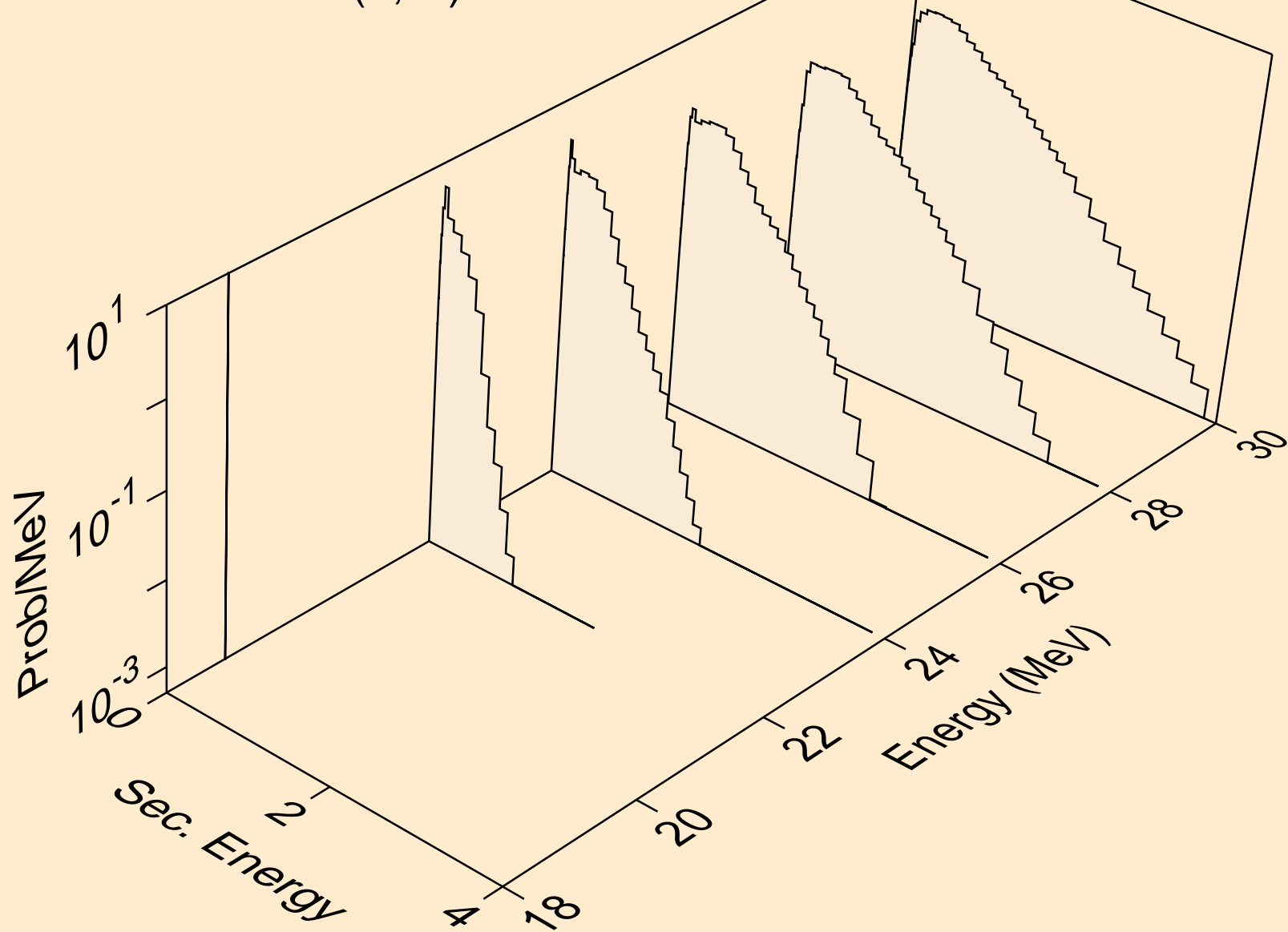


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

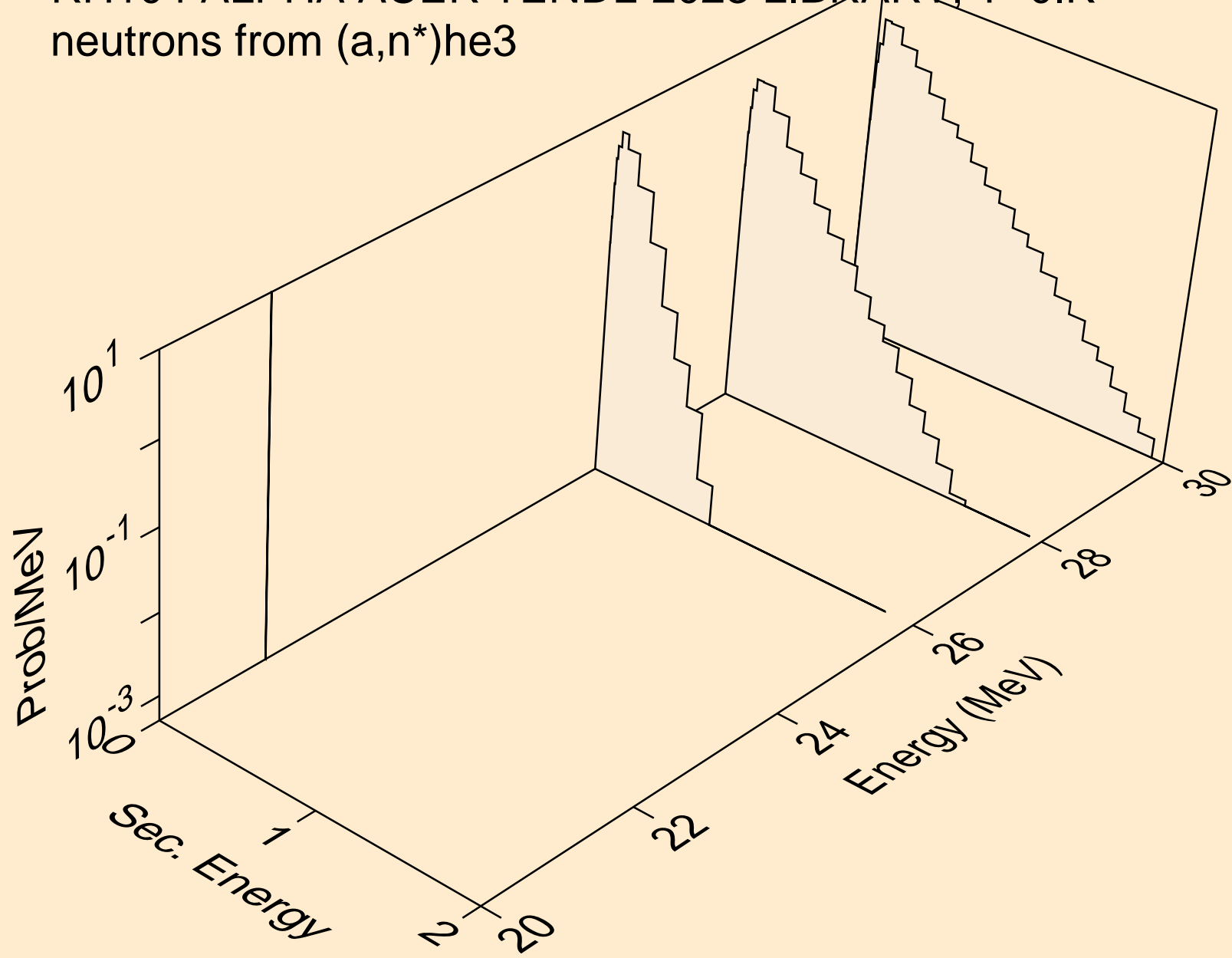




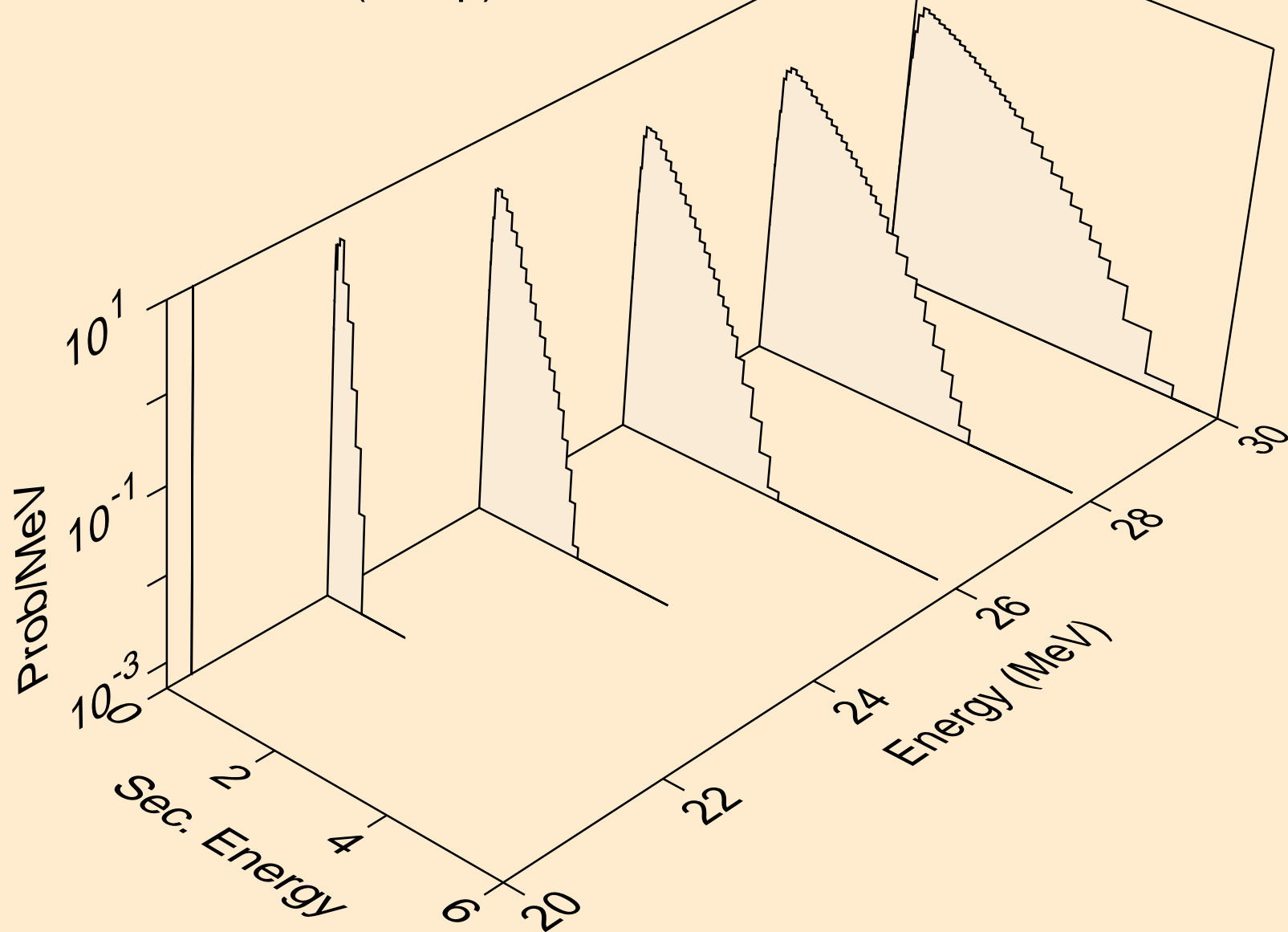
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



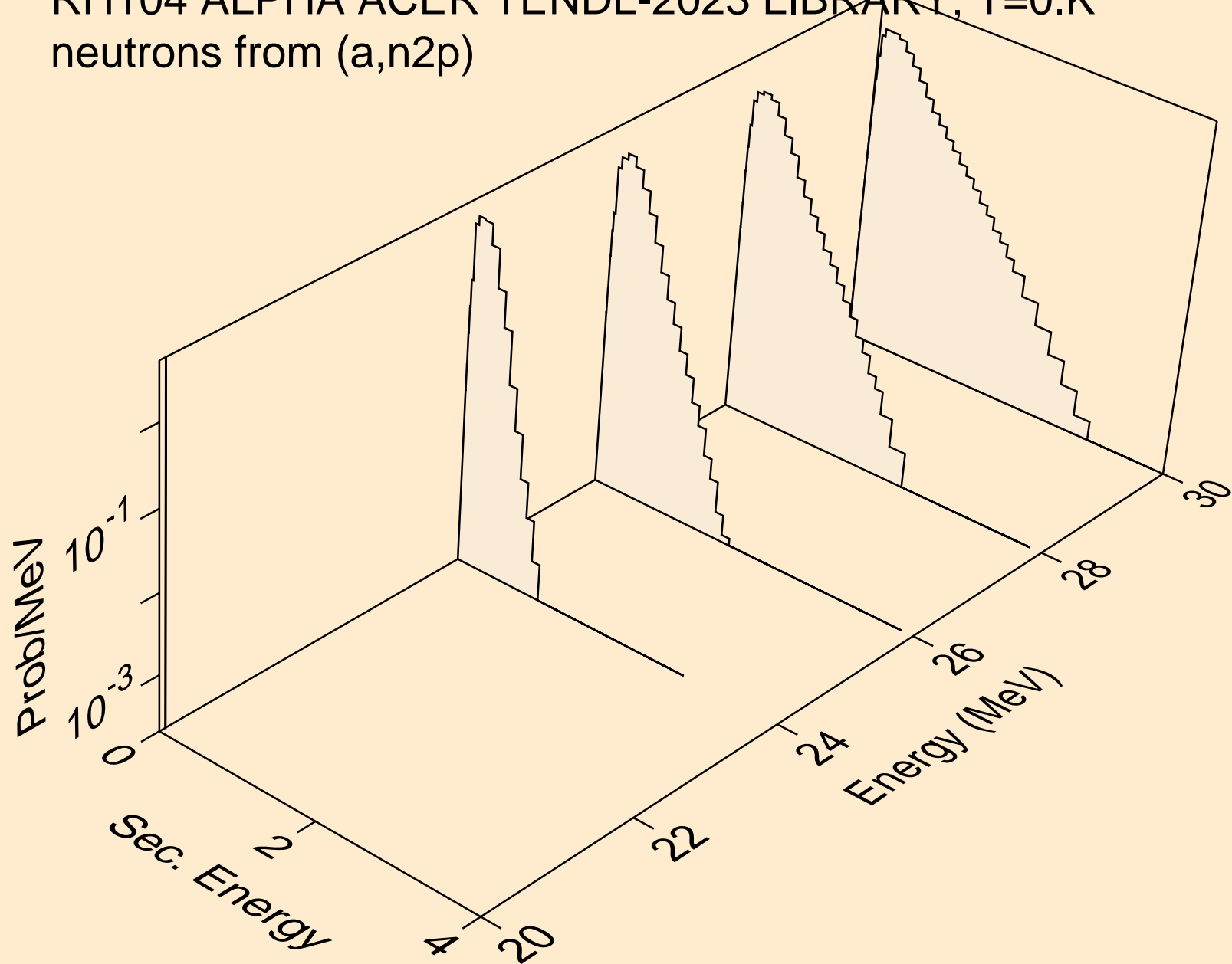
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



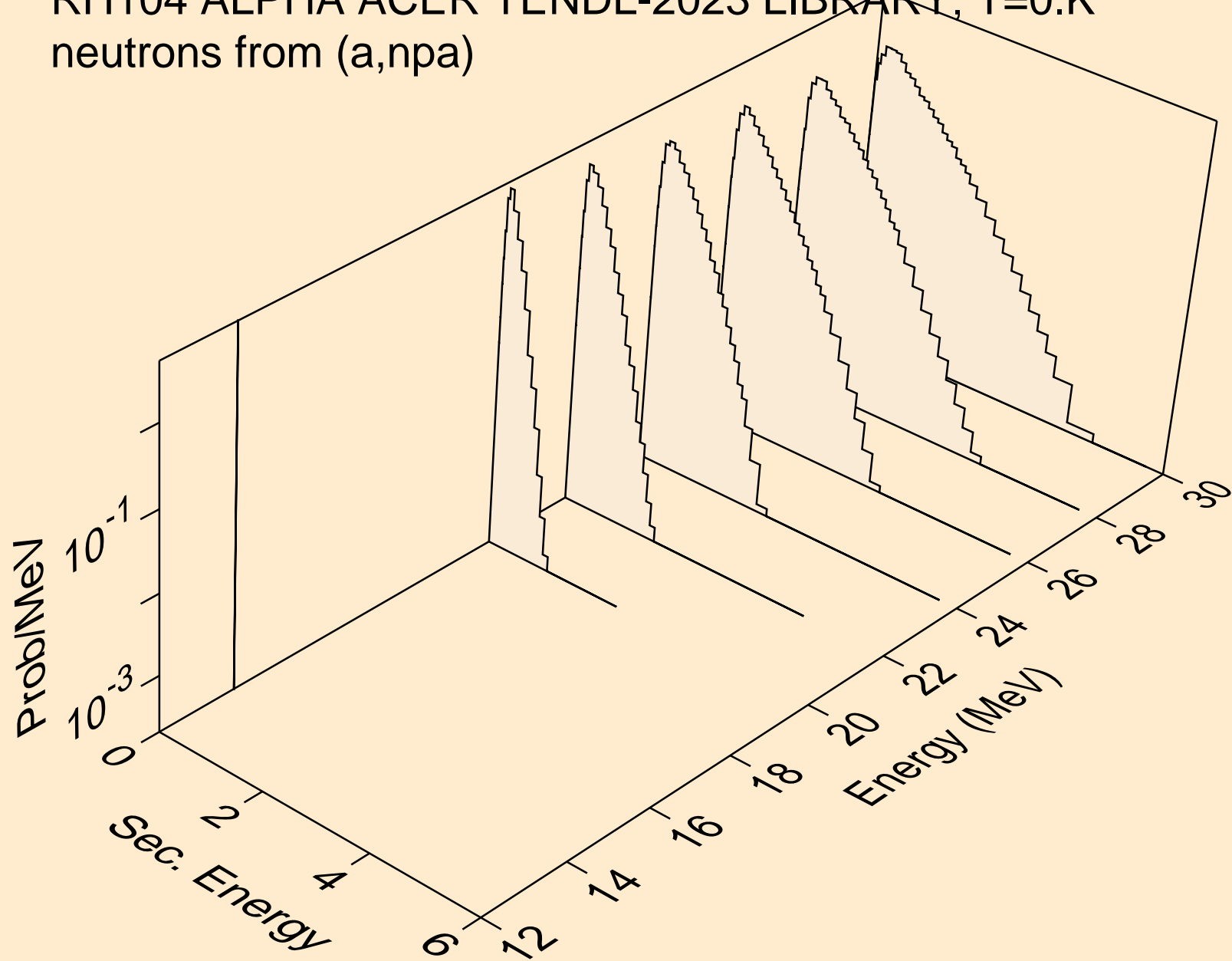
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



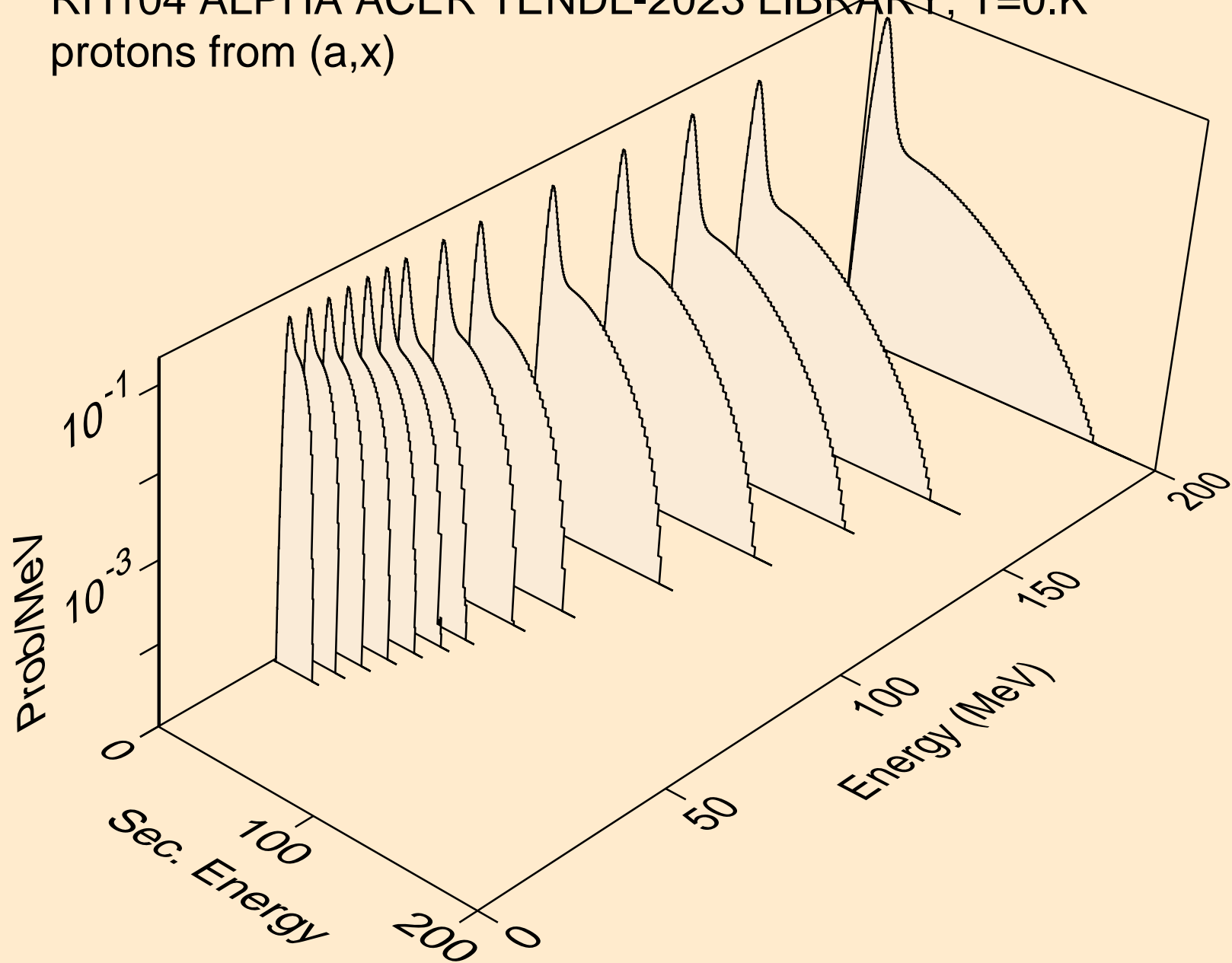
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



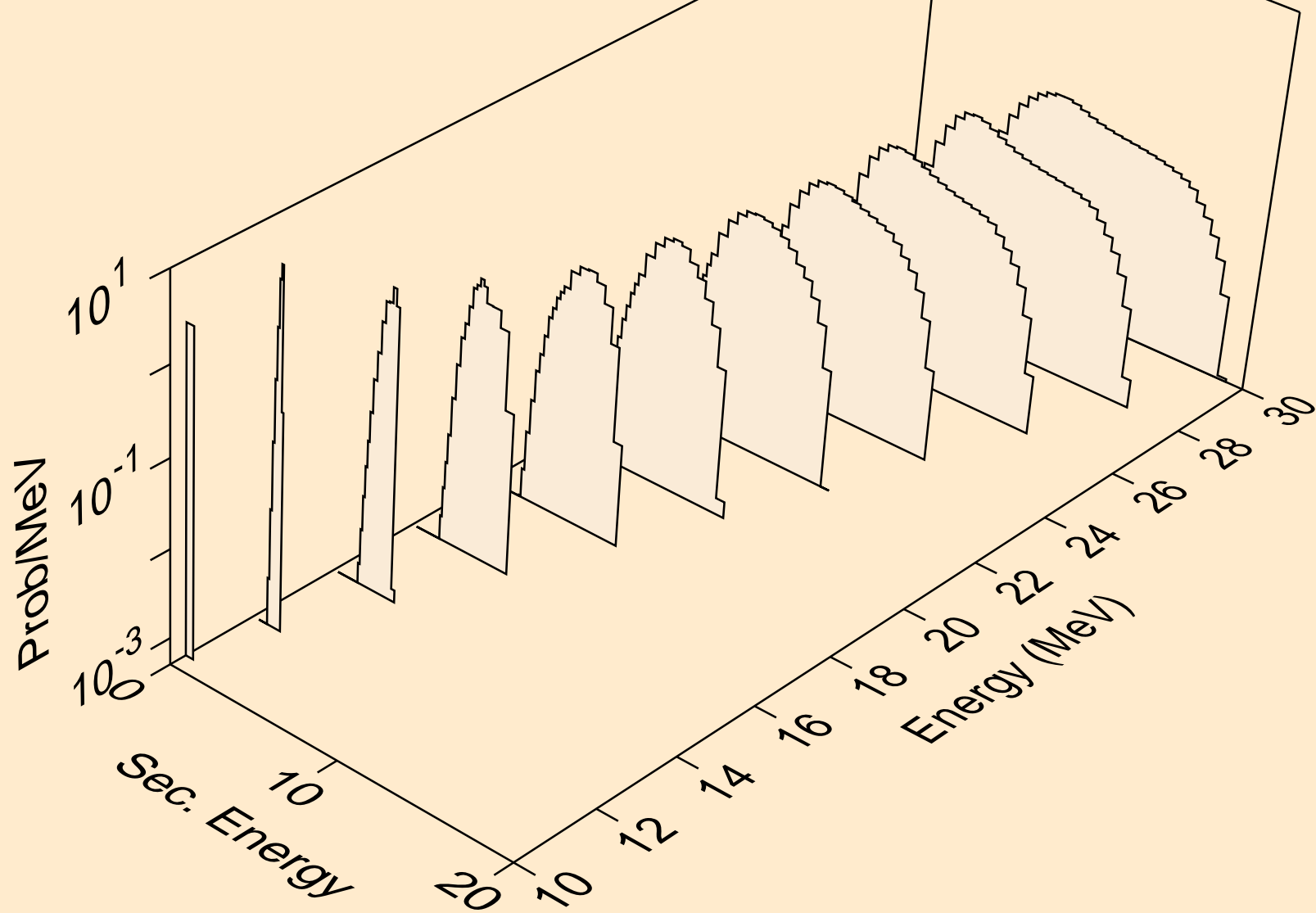
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neutrons from (a,npa)



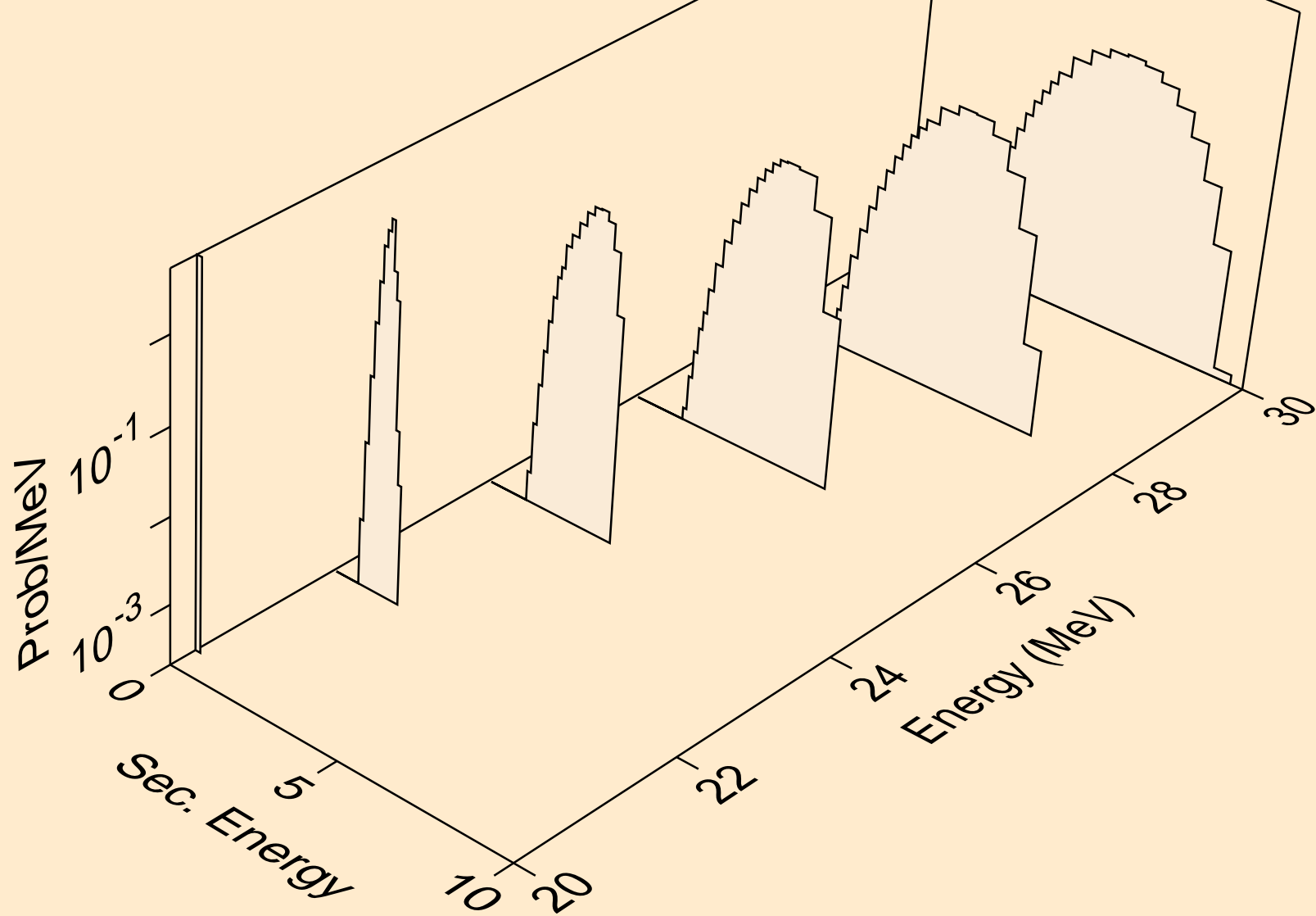
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

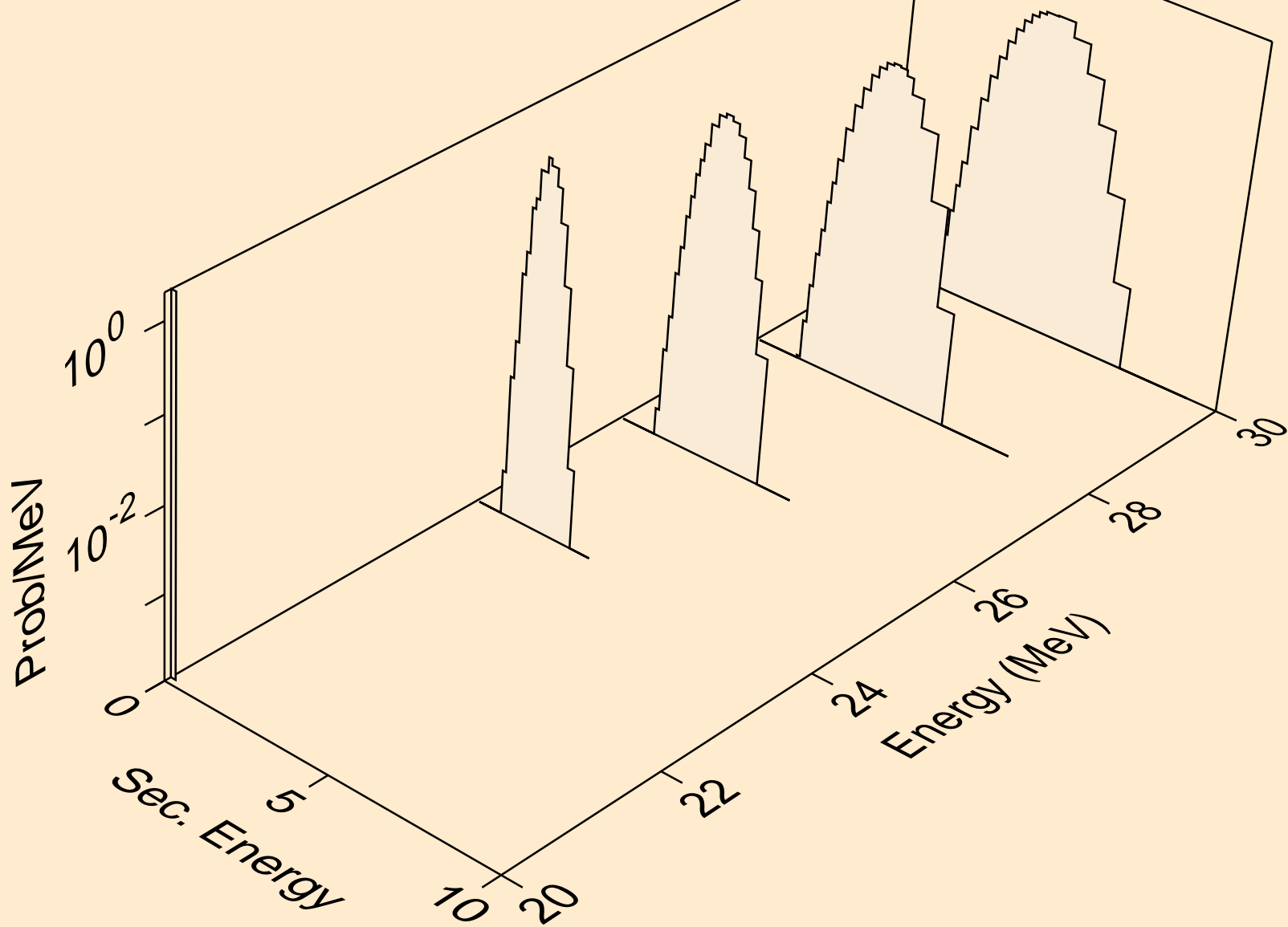


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

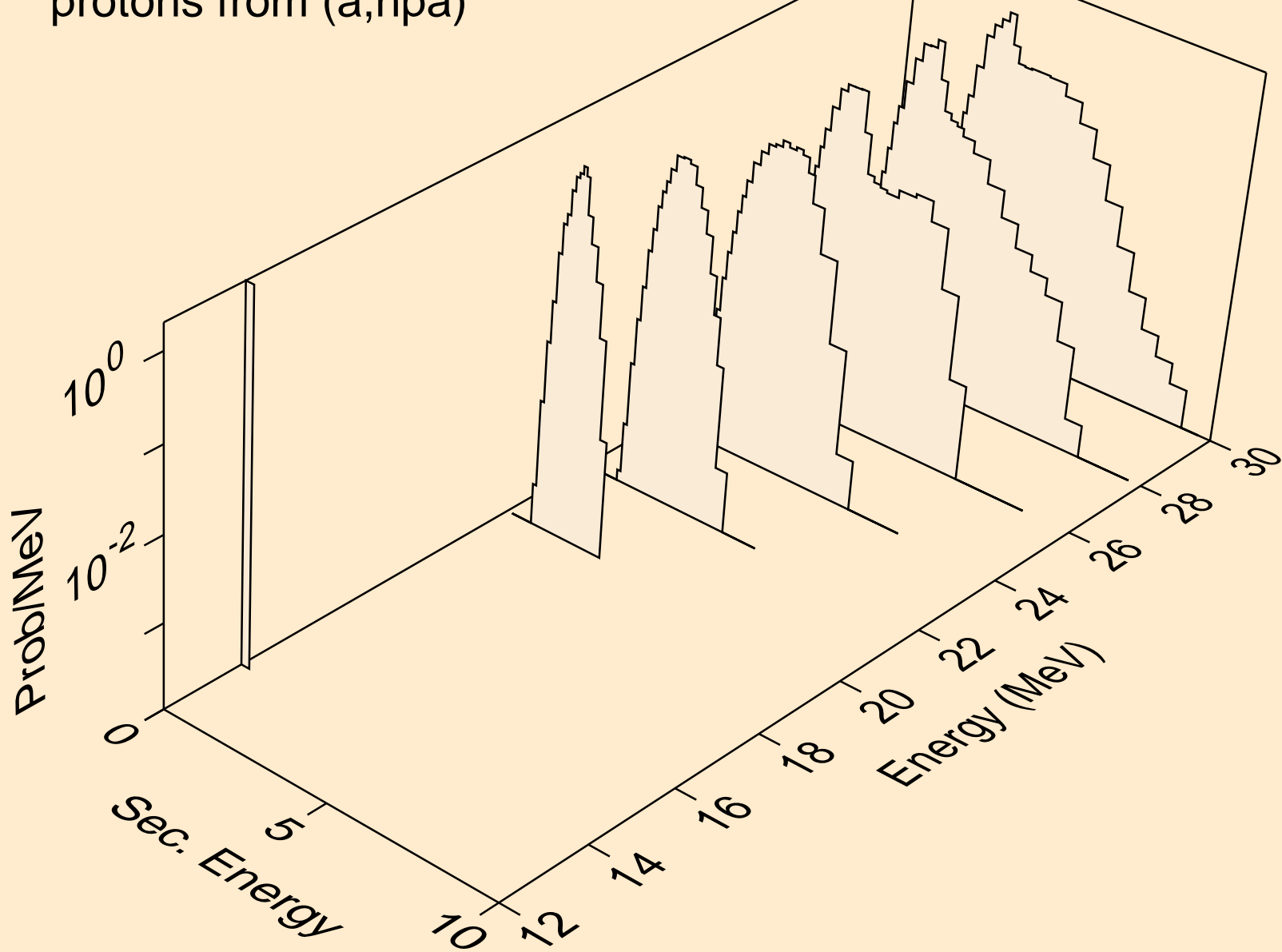




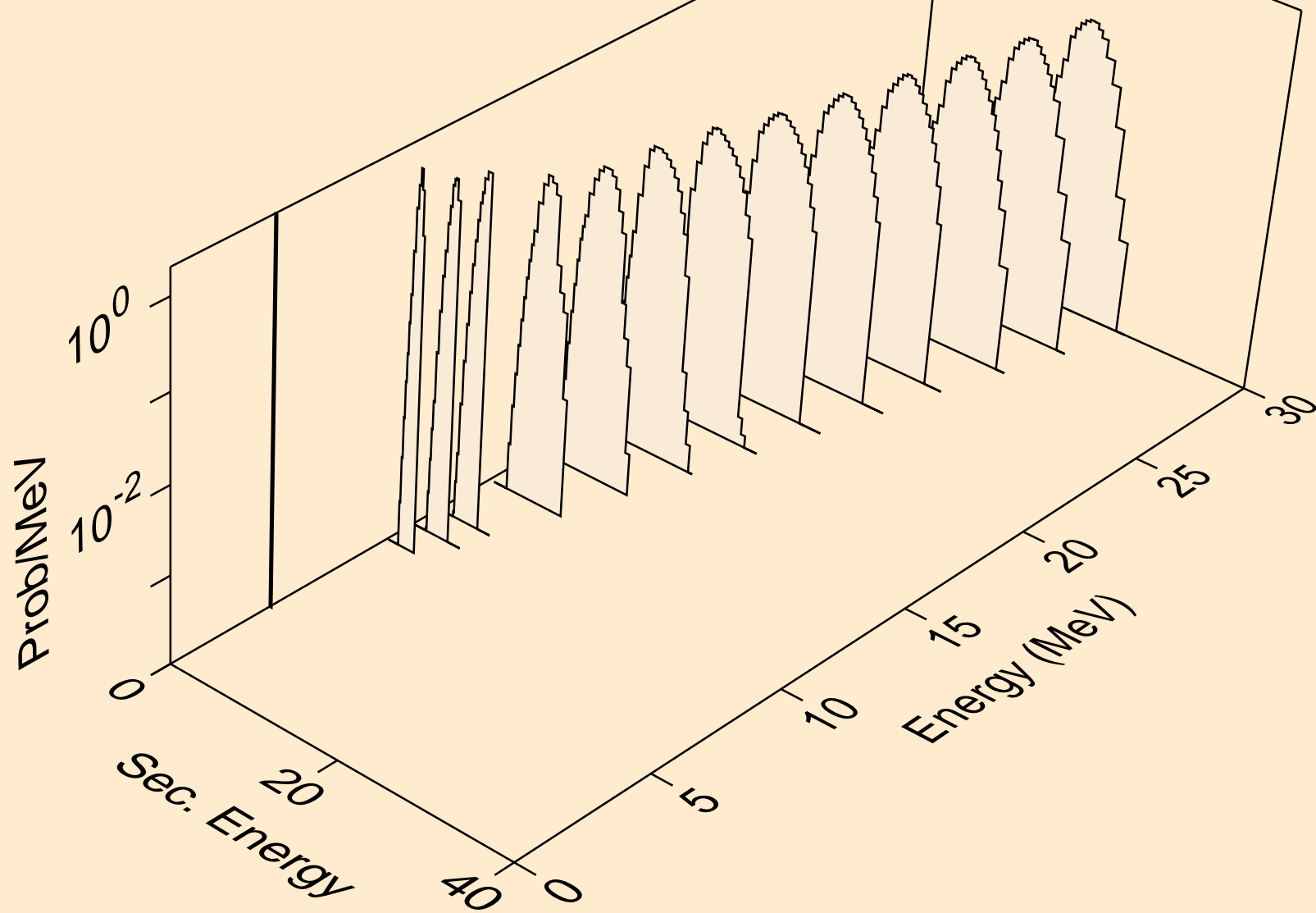
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protons from (a,n2p)



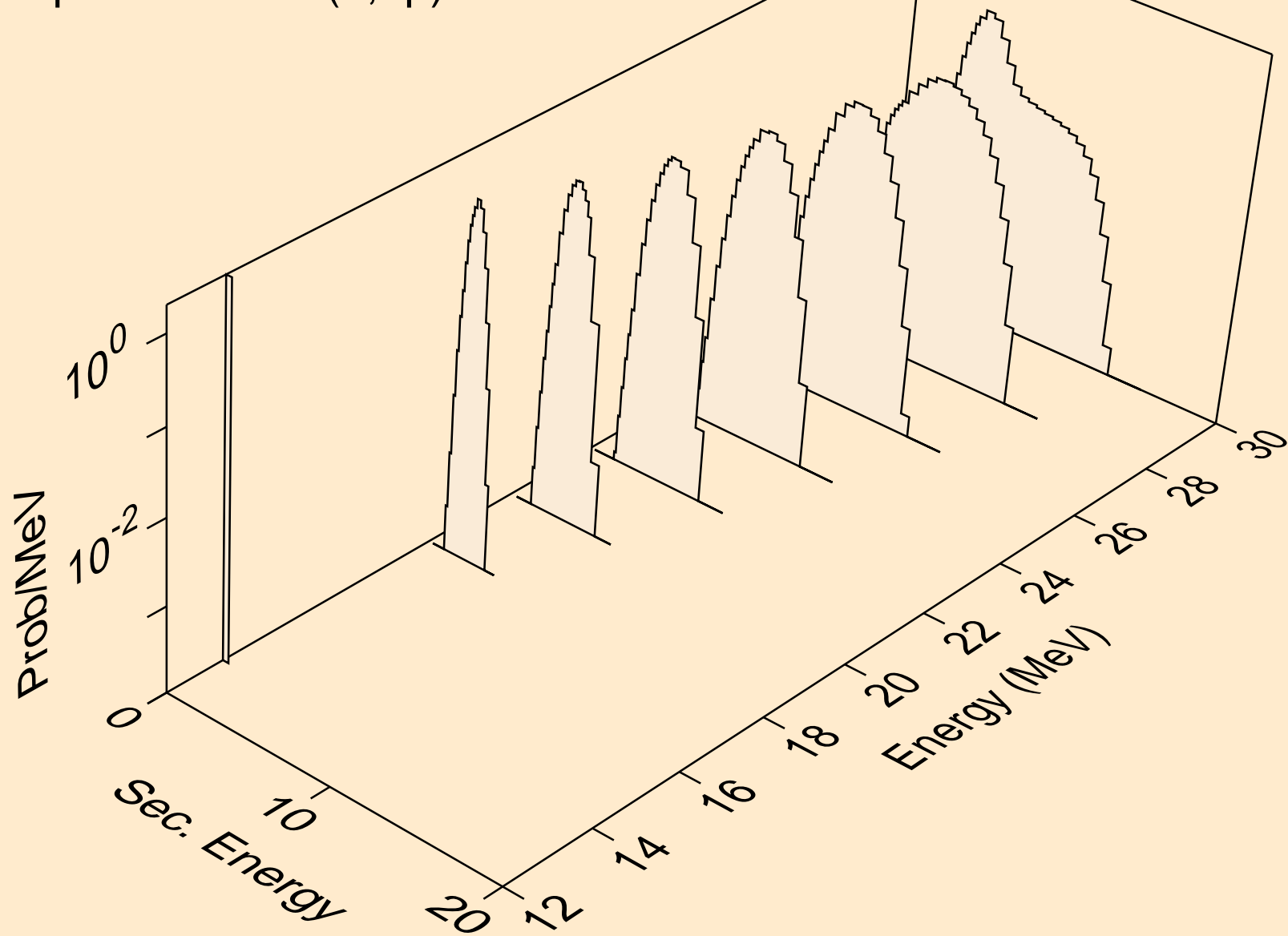
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protons from (a,npa)



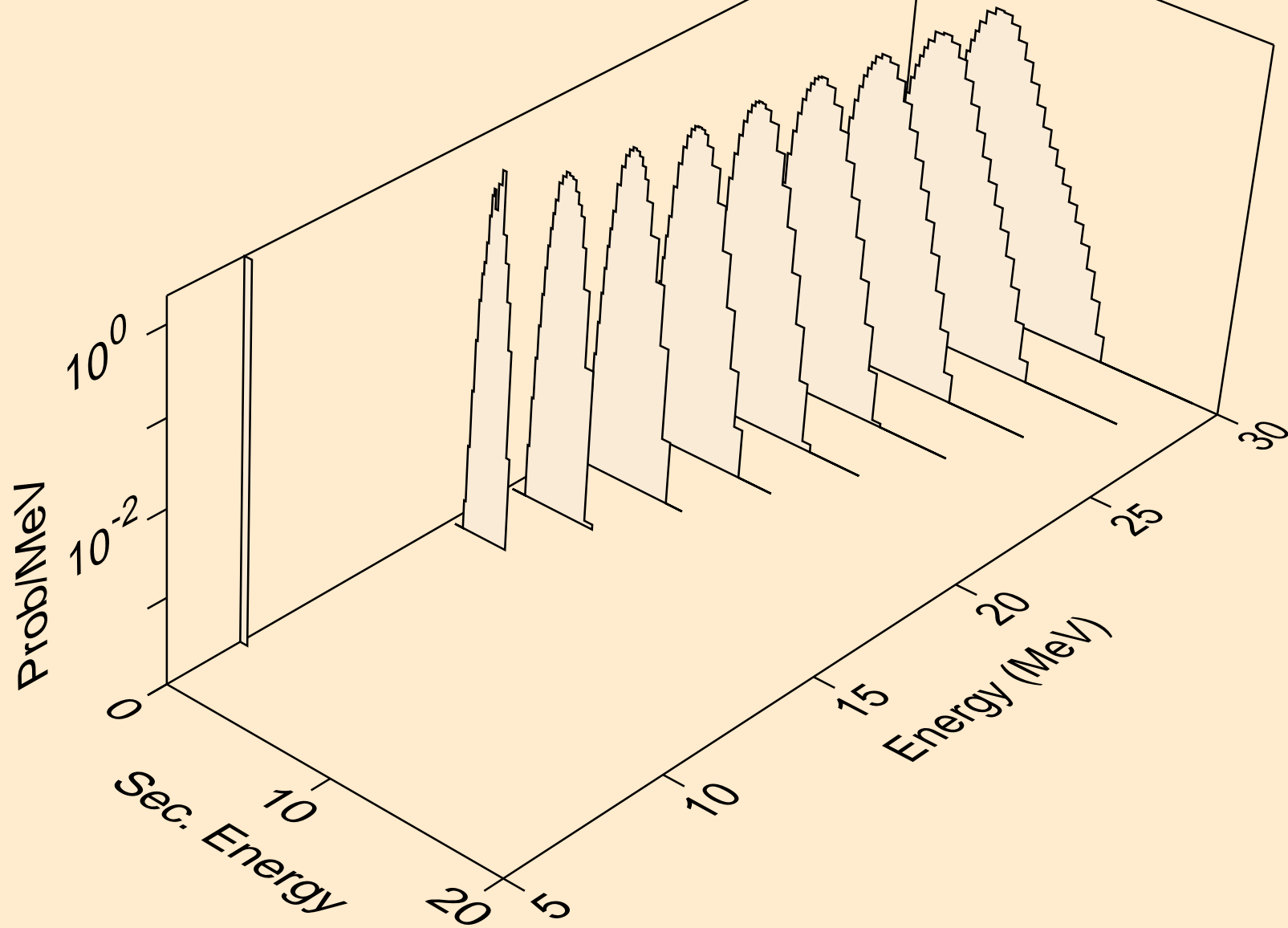
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



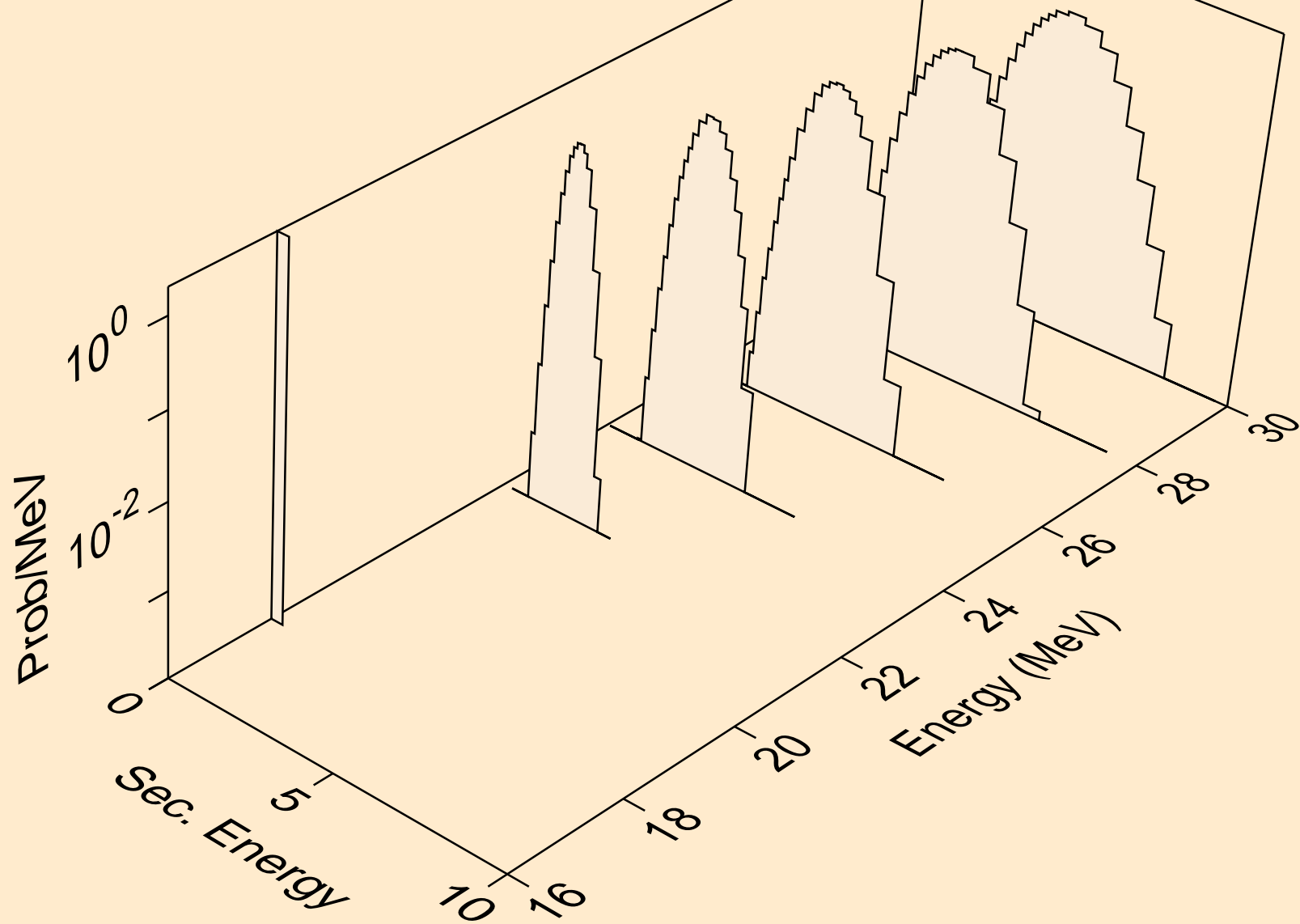
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



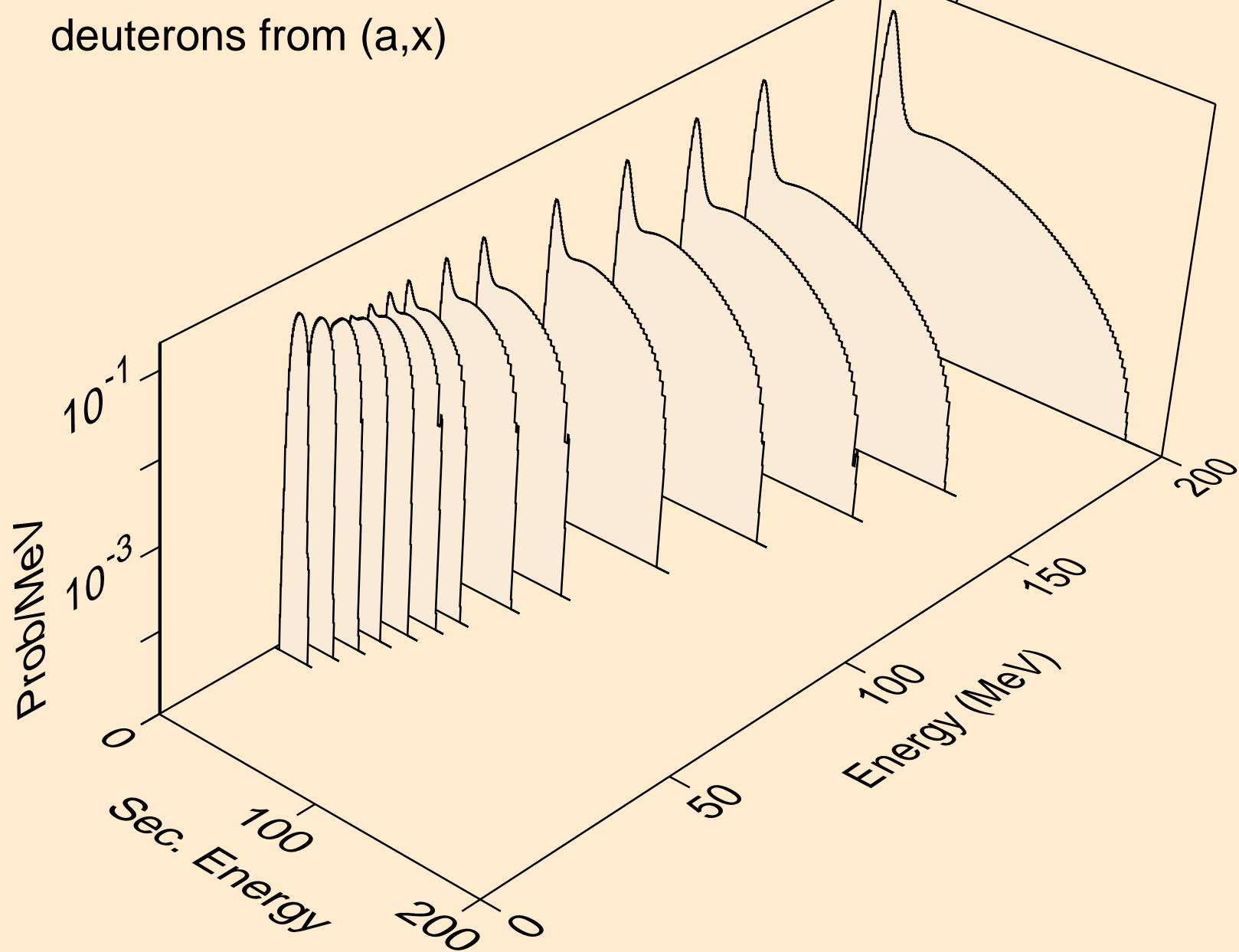
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



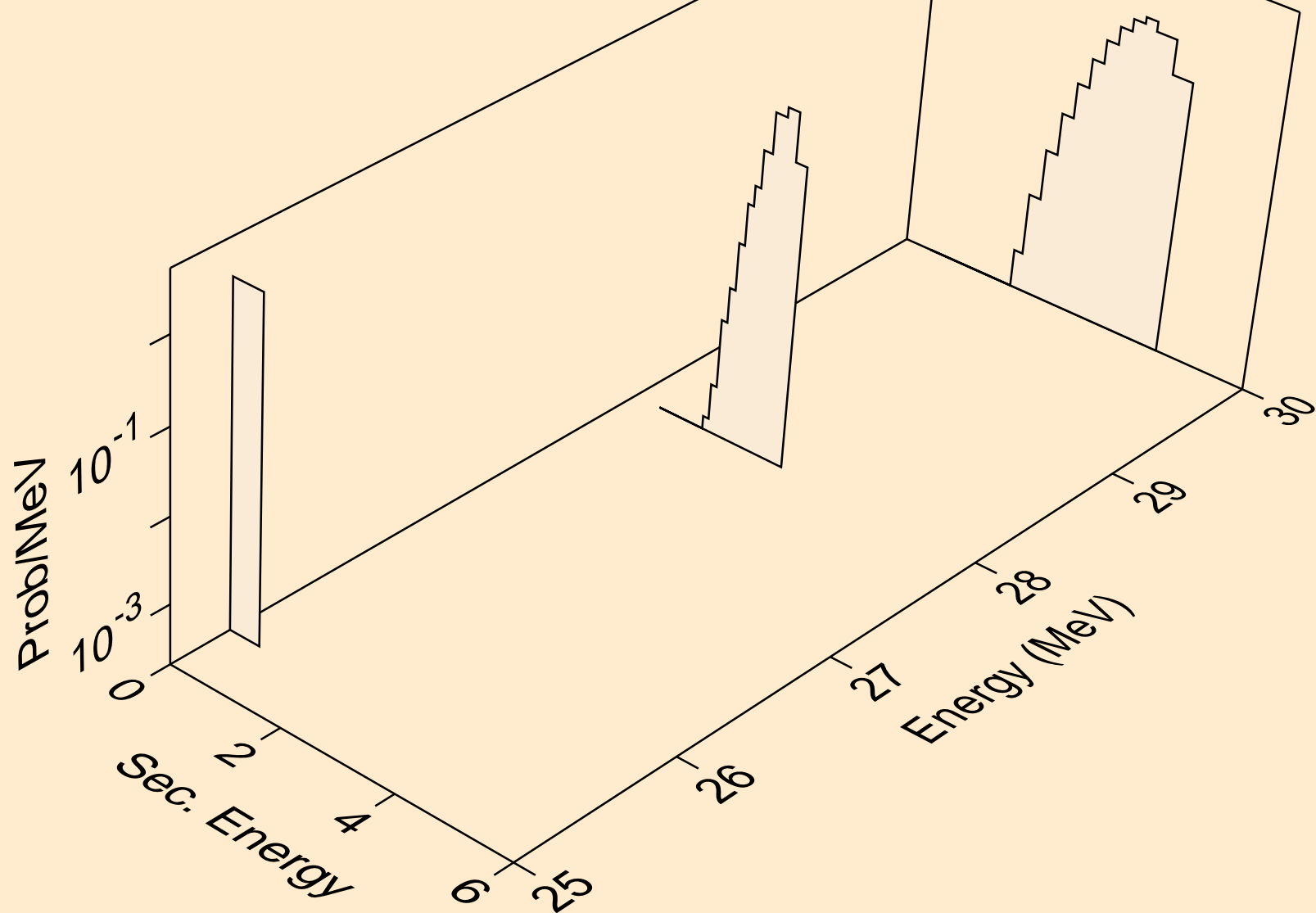
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

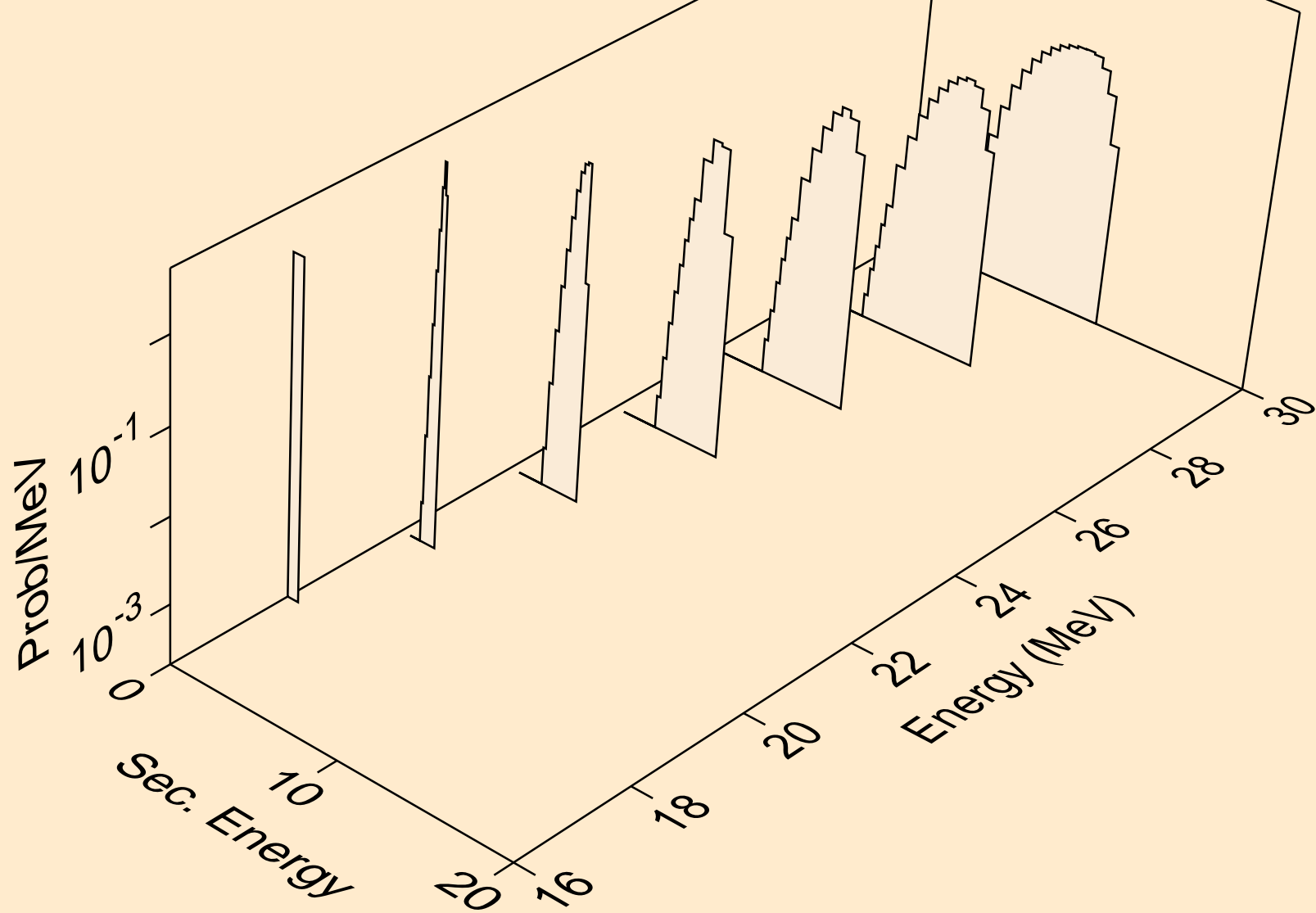


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

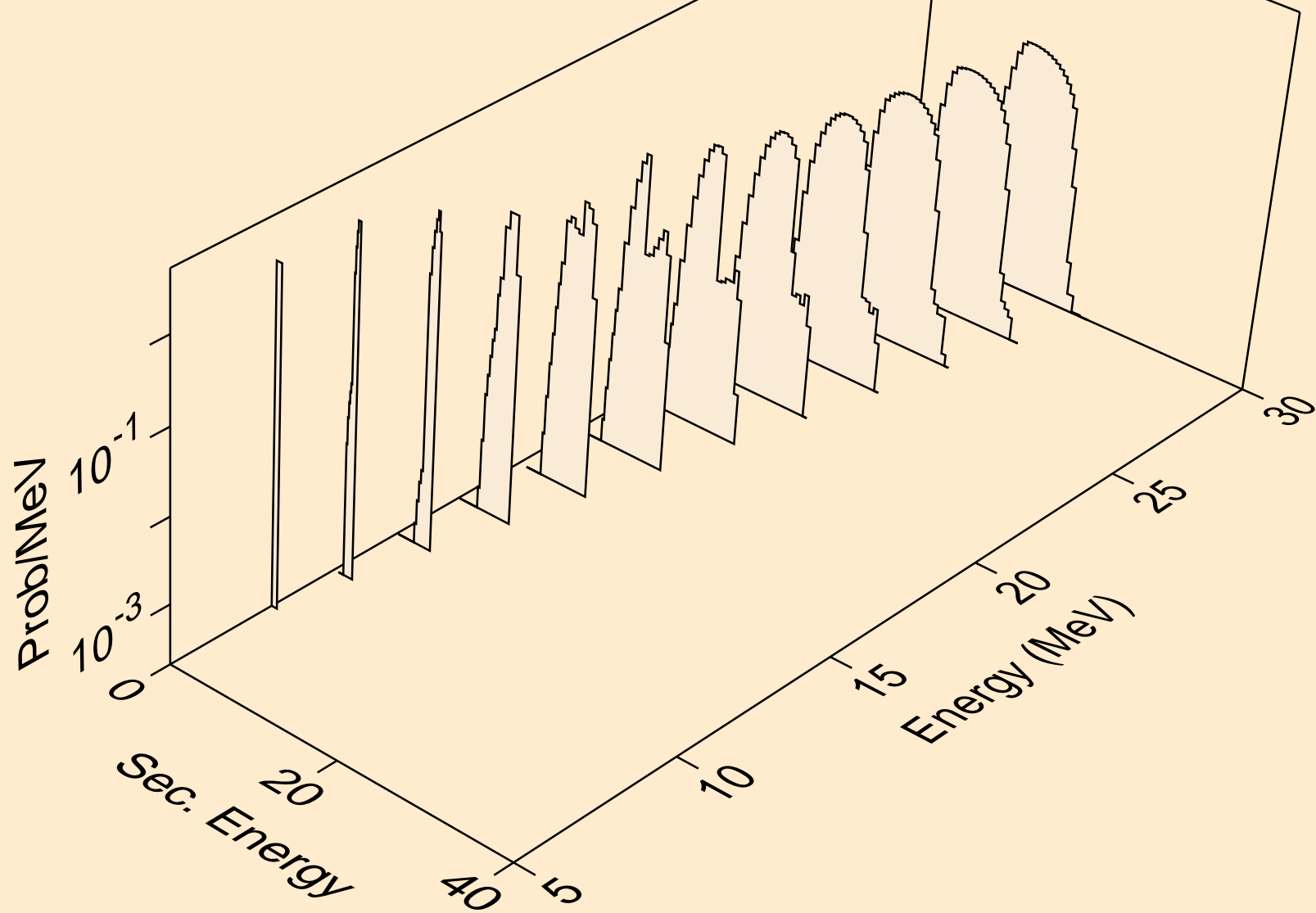




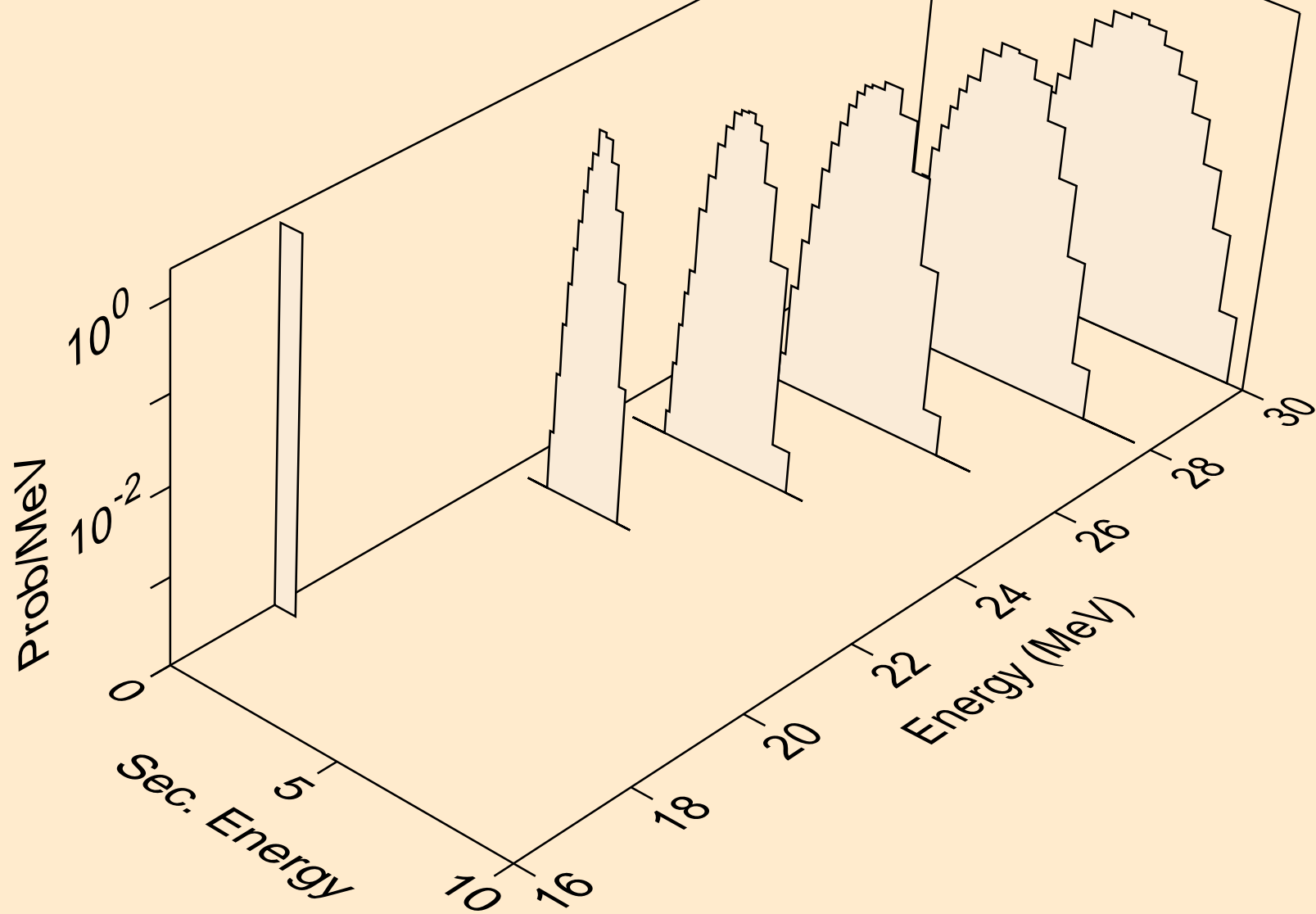
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



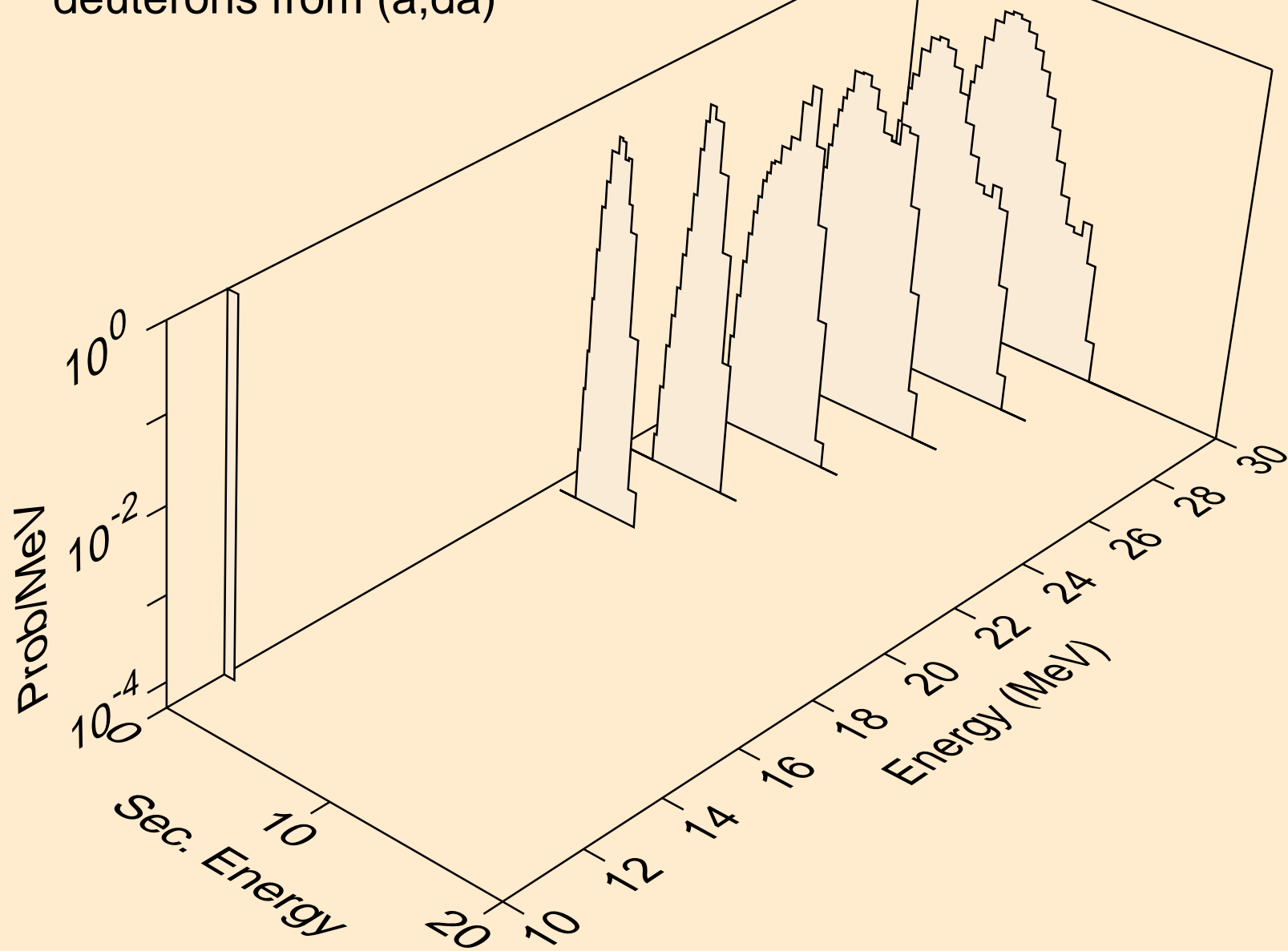
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



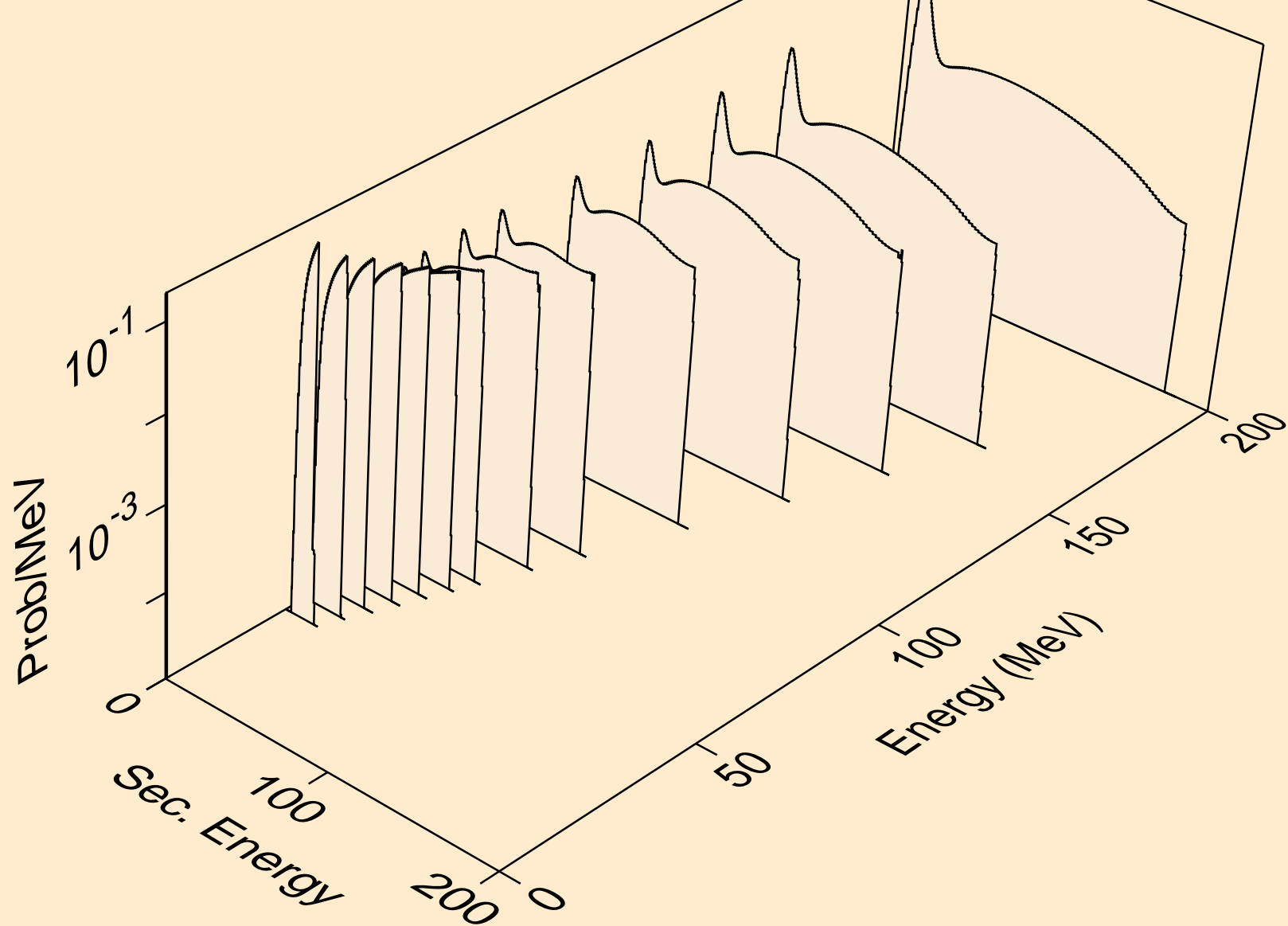
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



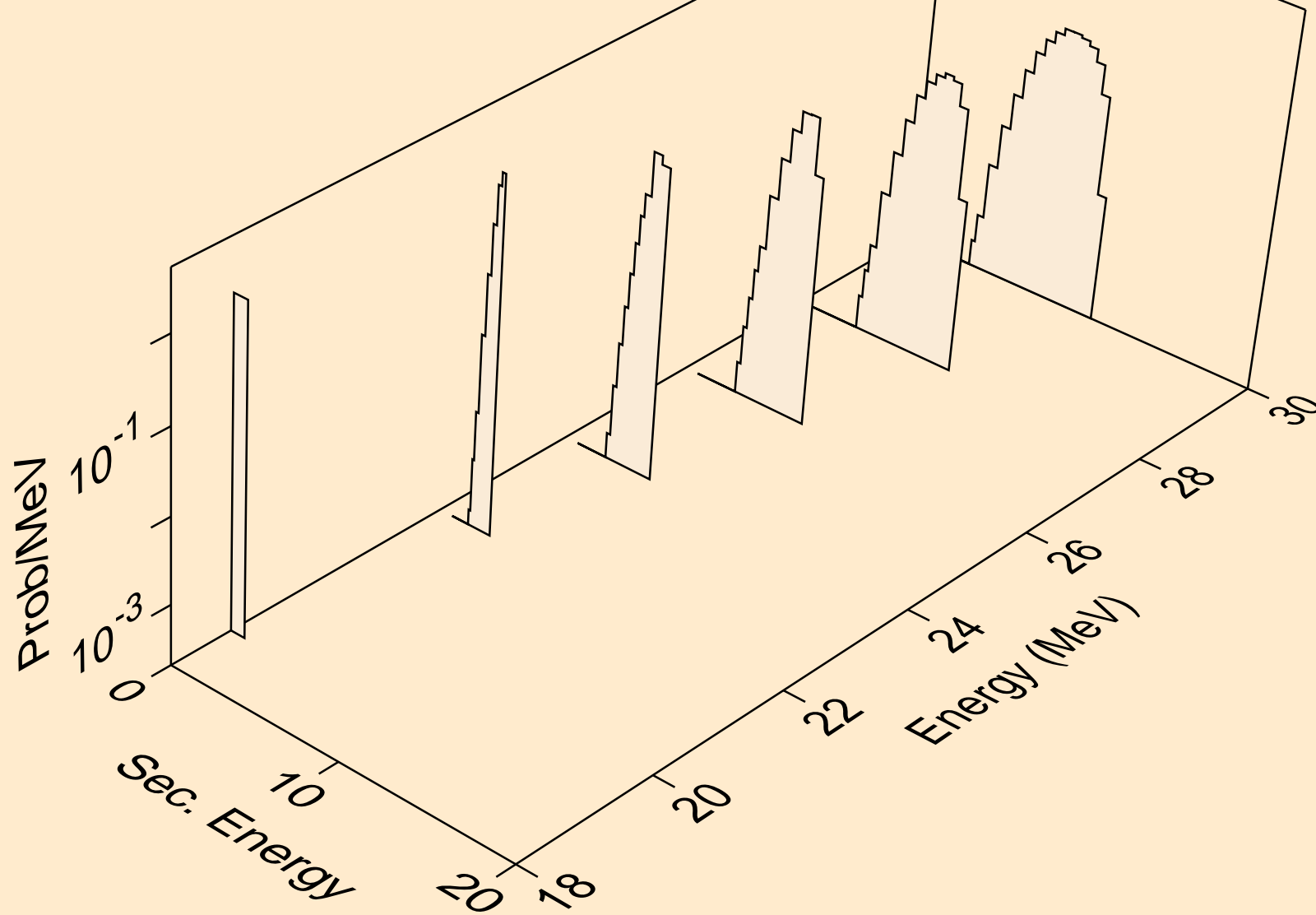
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



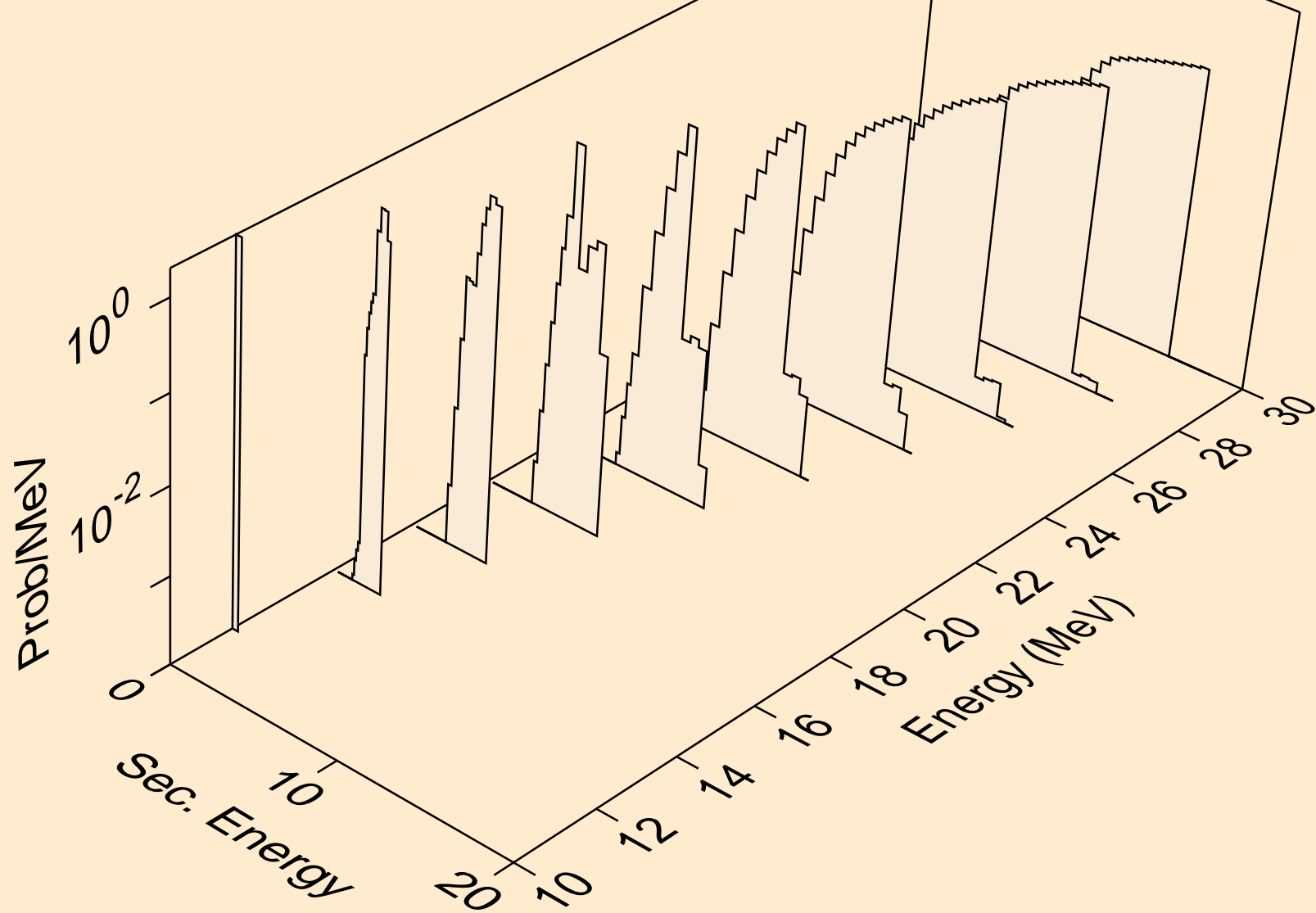
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



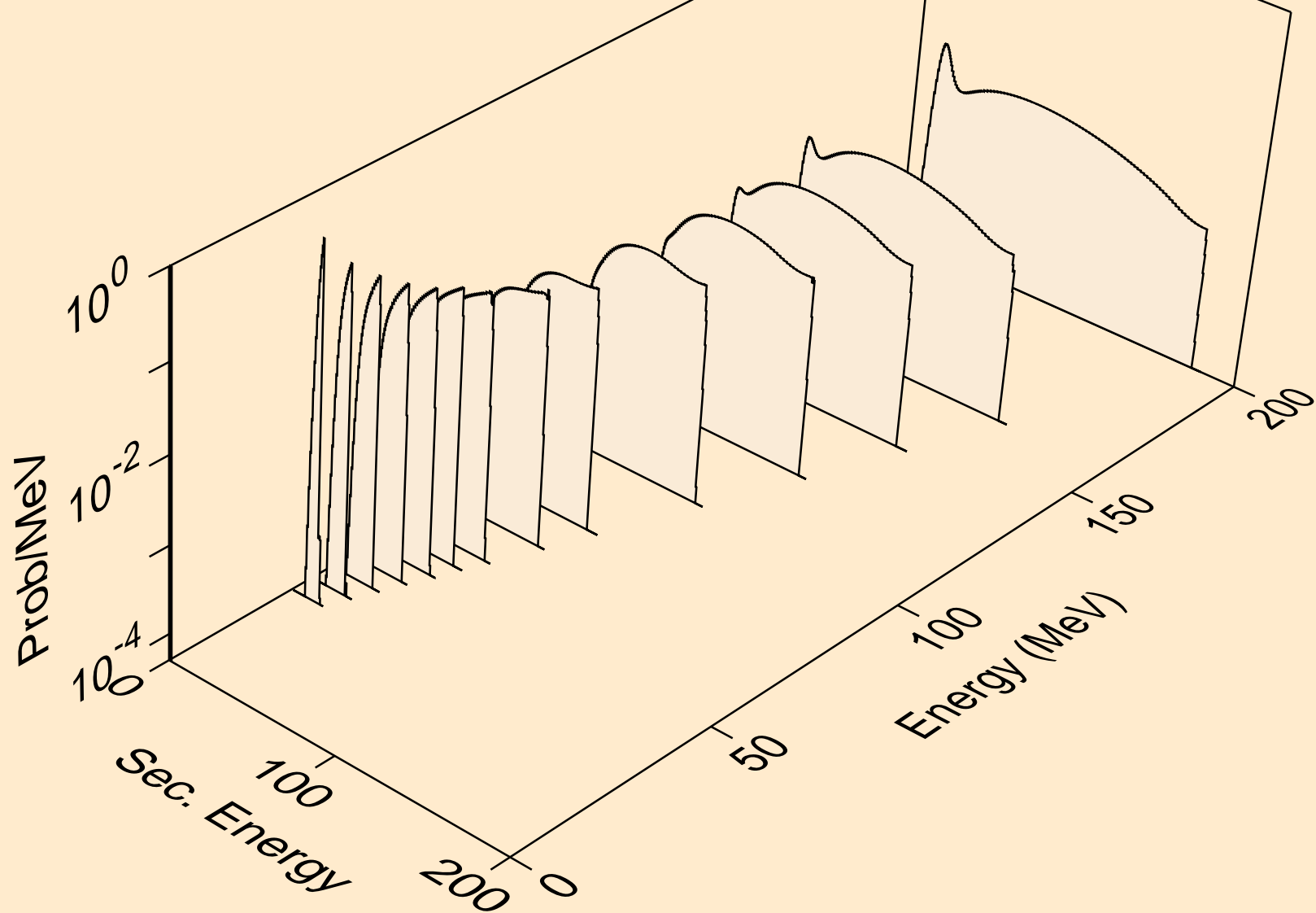
RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

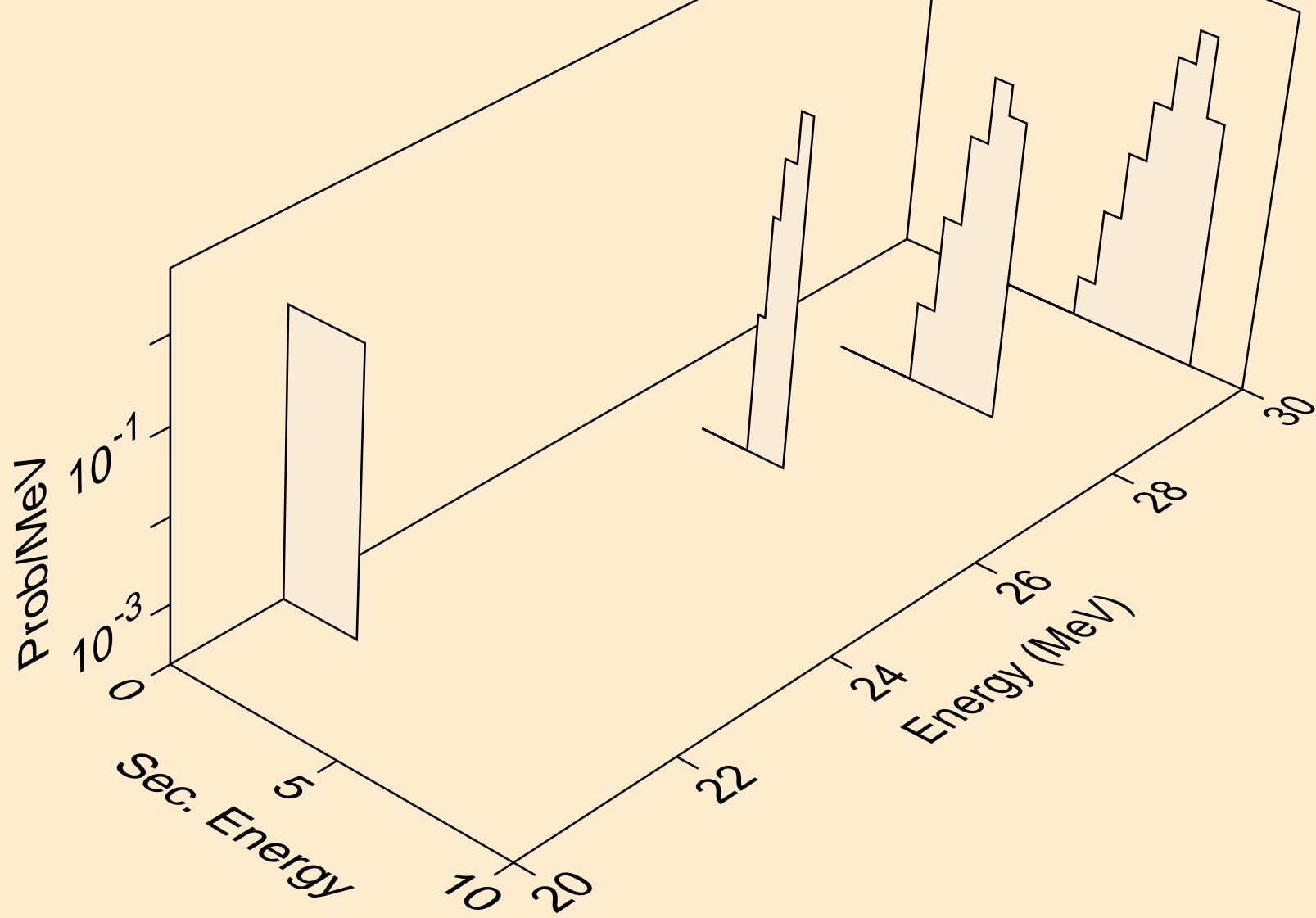


RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



RH104 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

