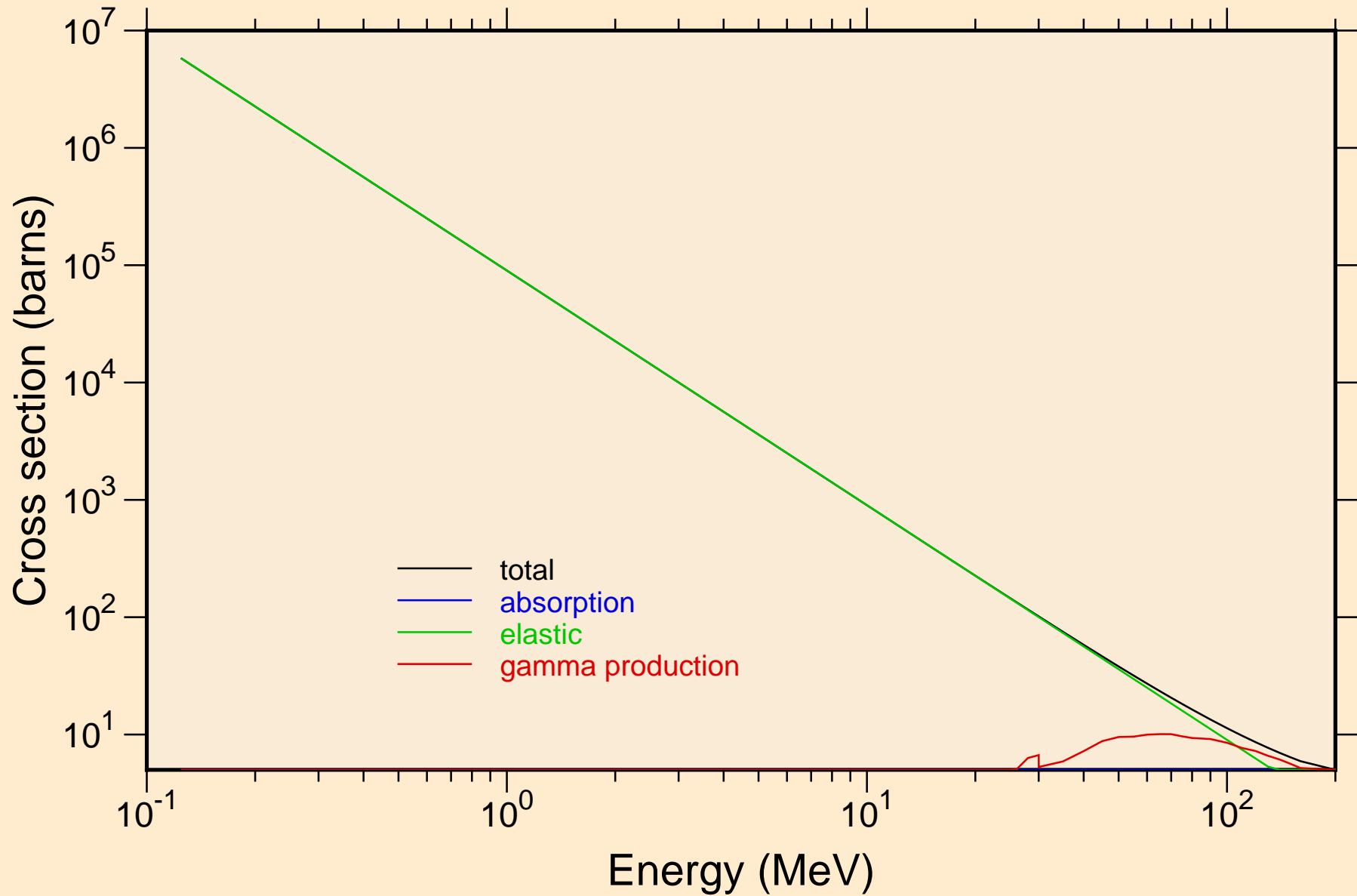
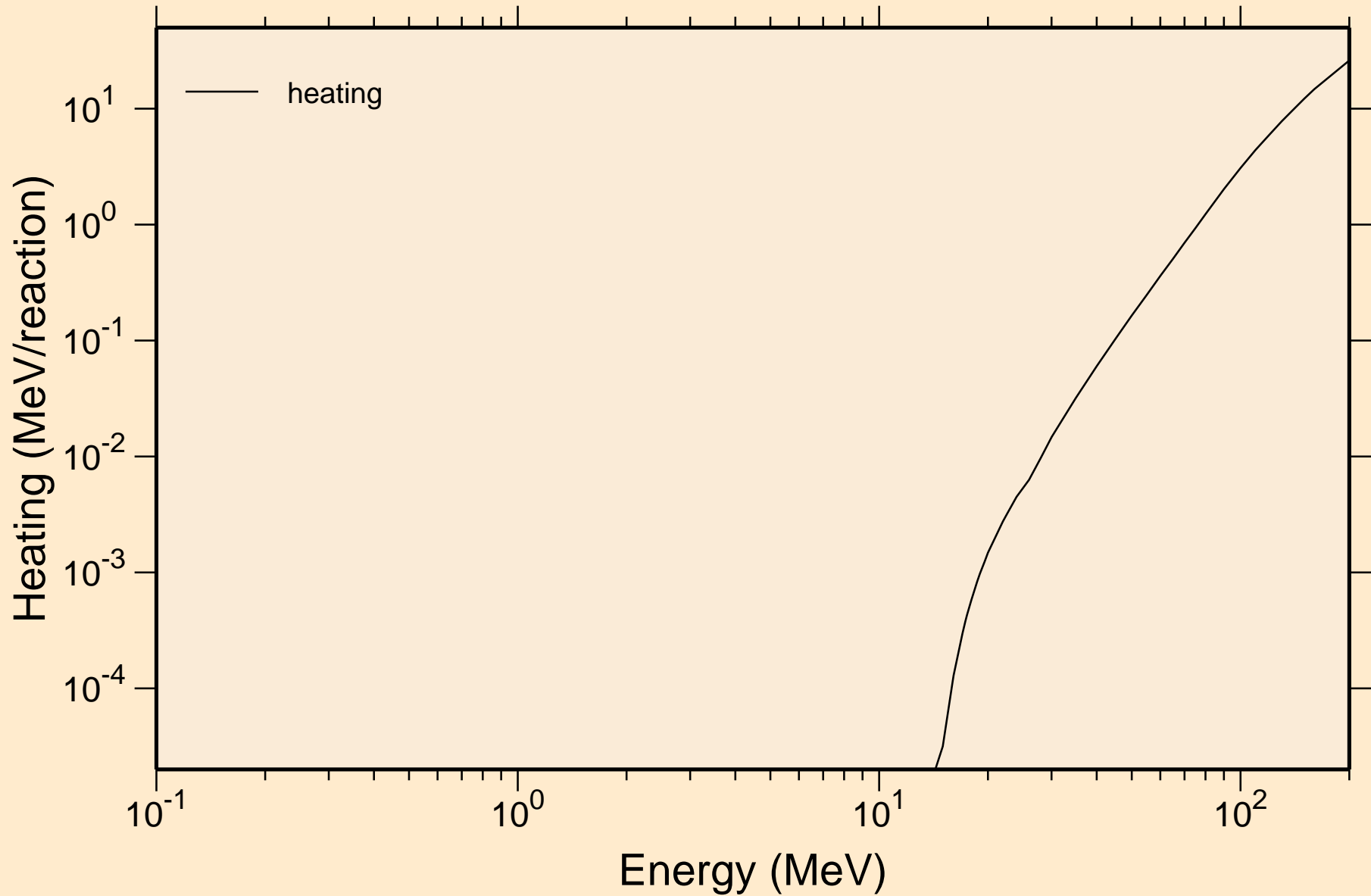


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



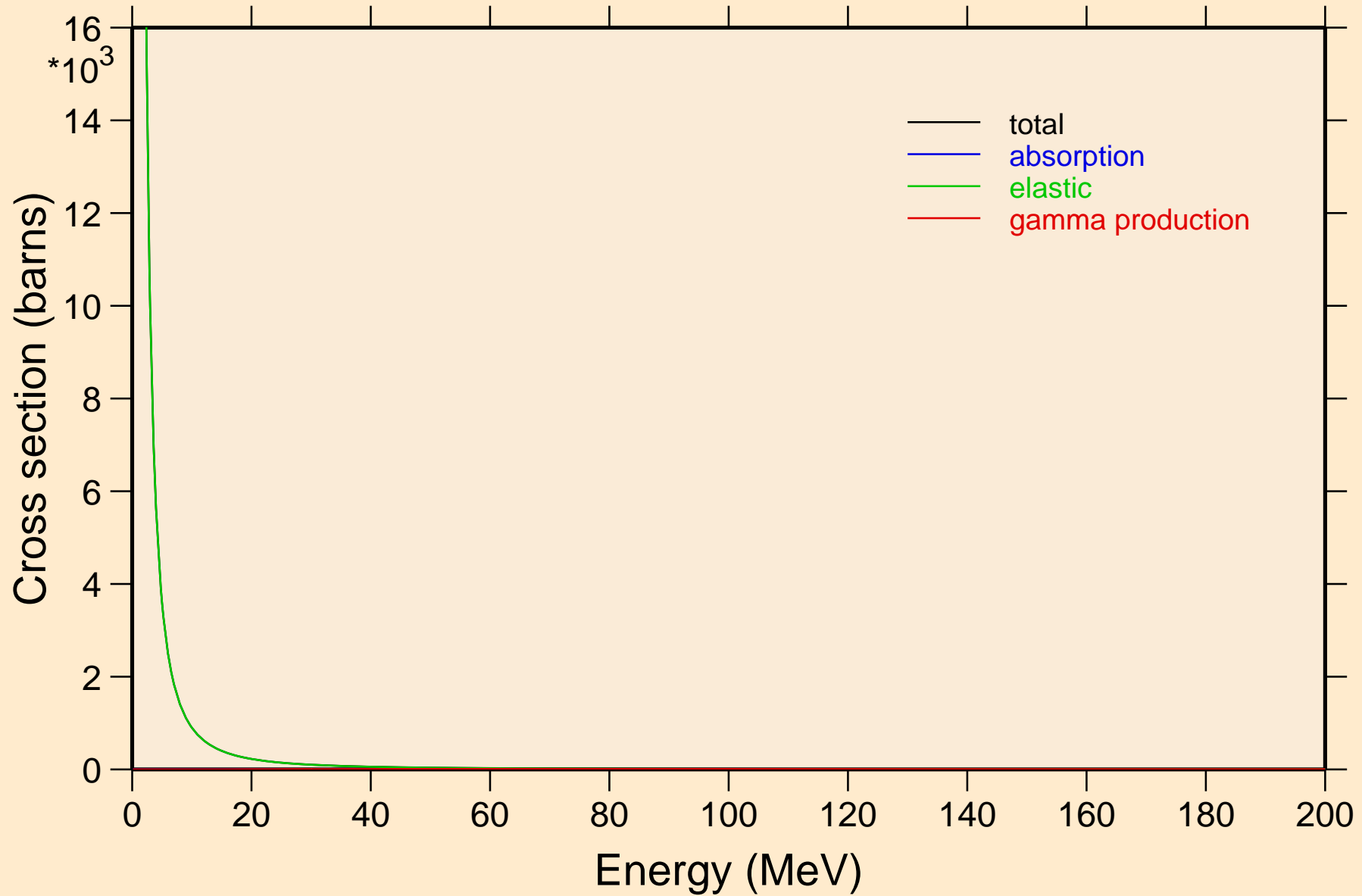
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



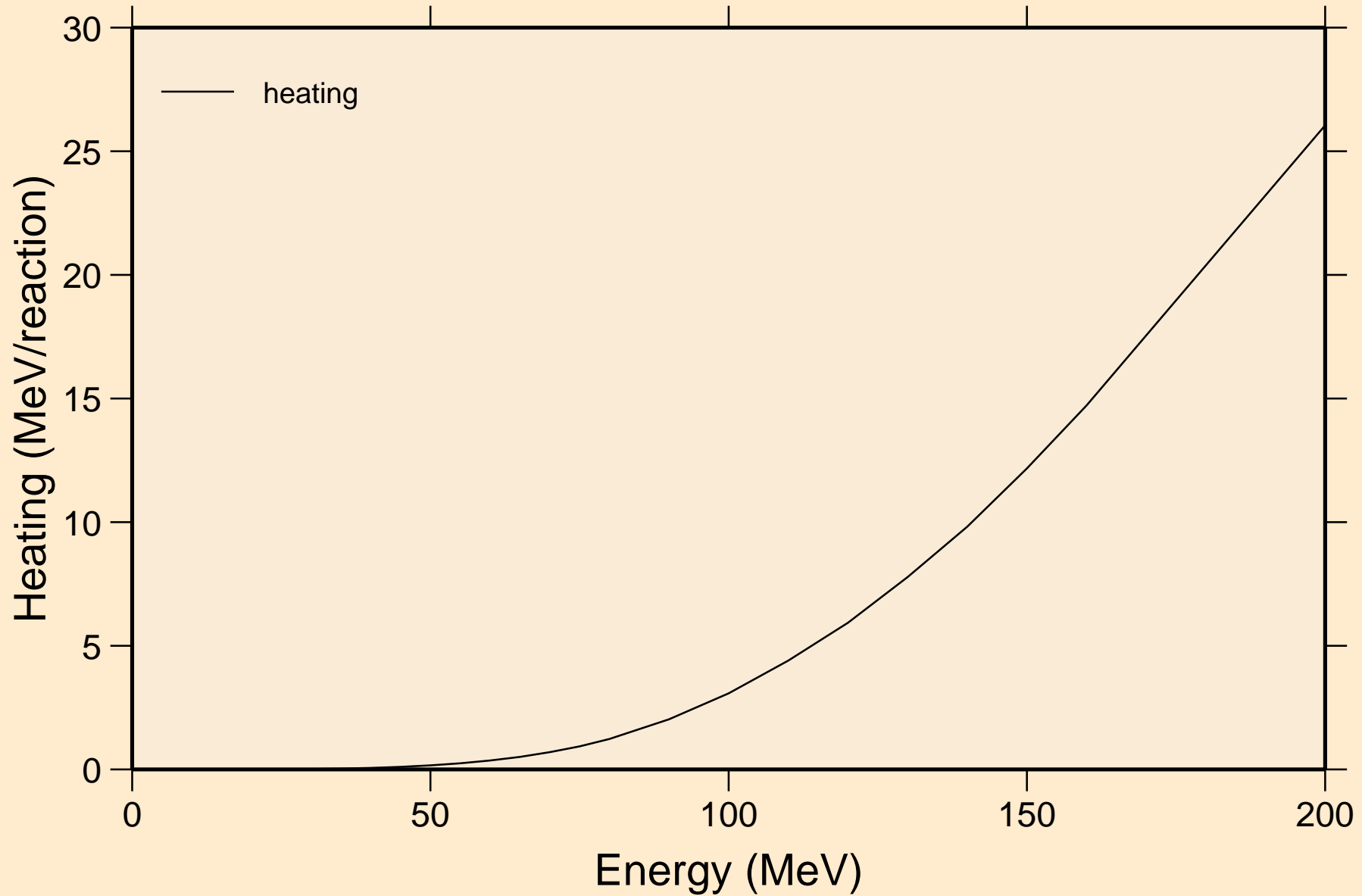
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

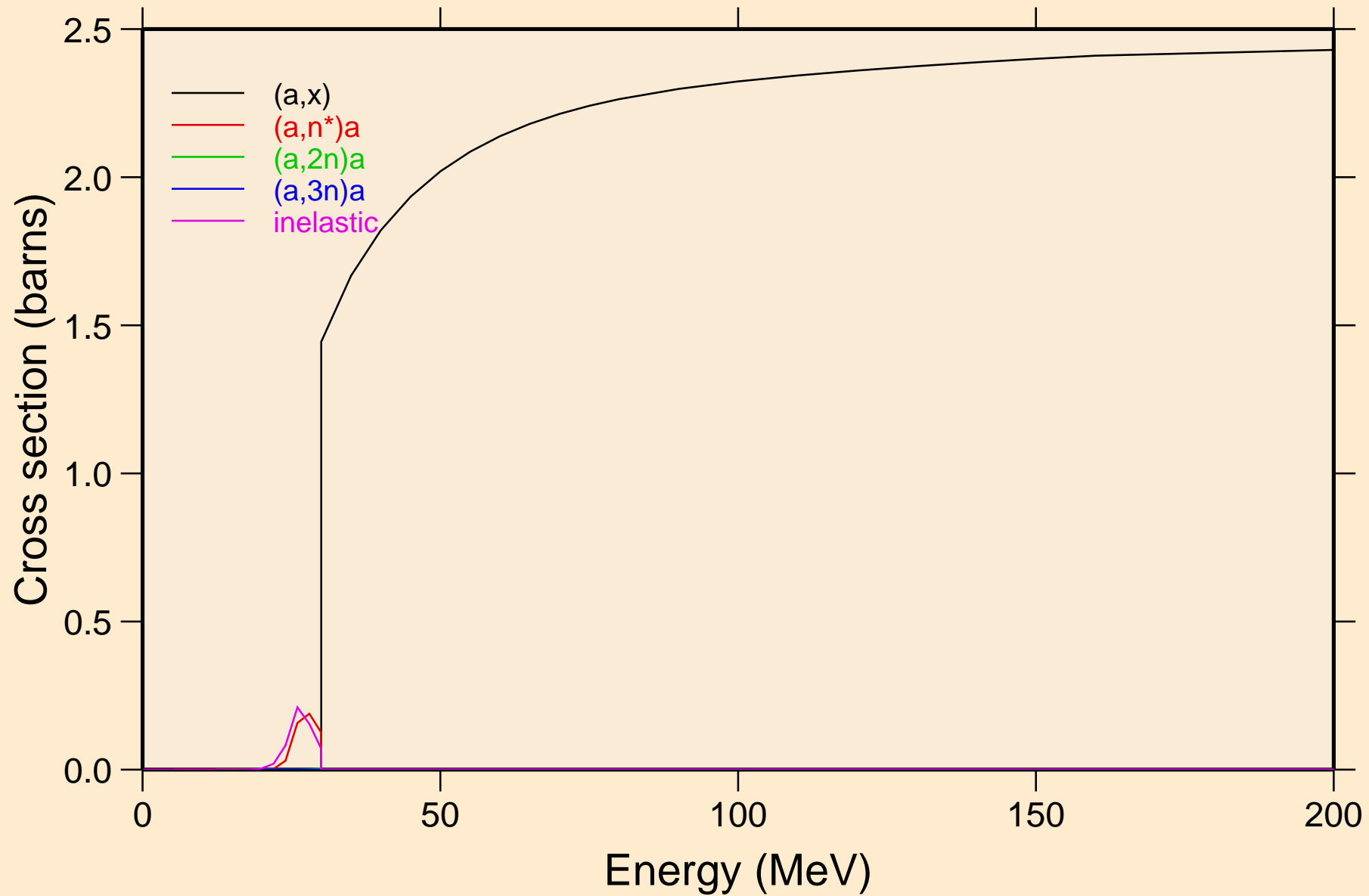


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

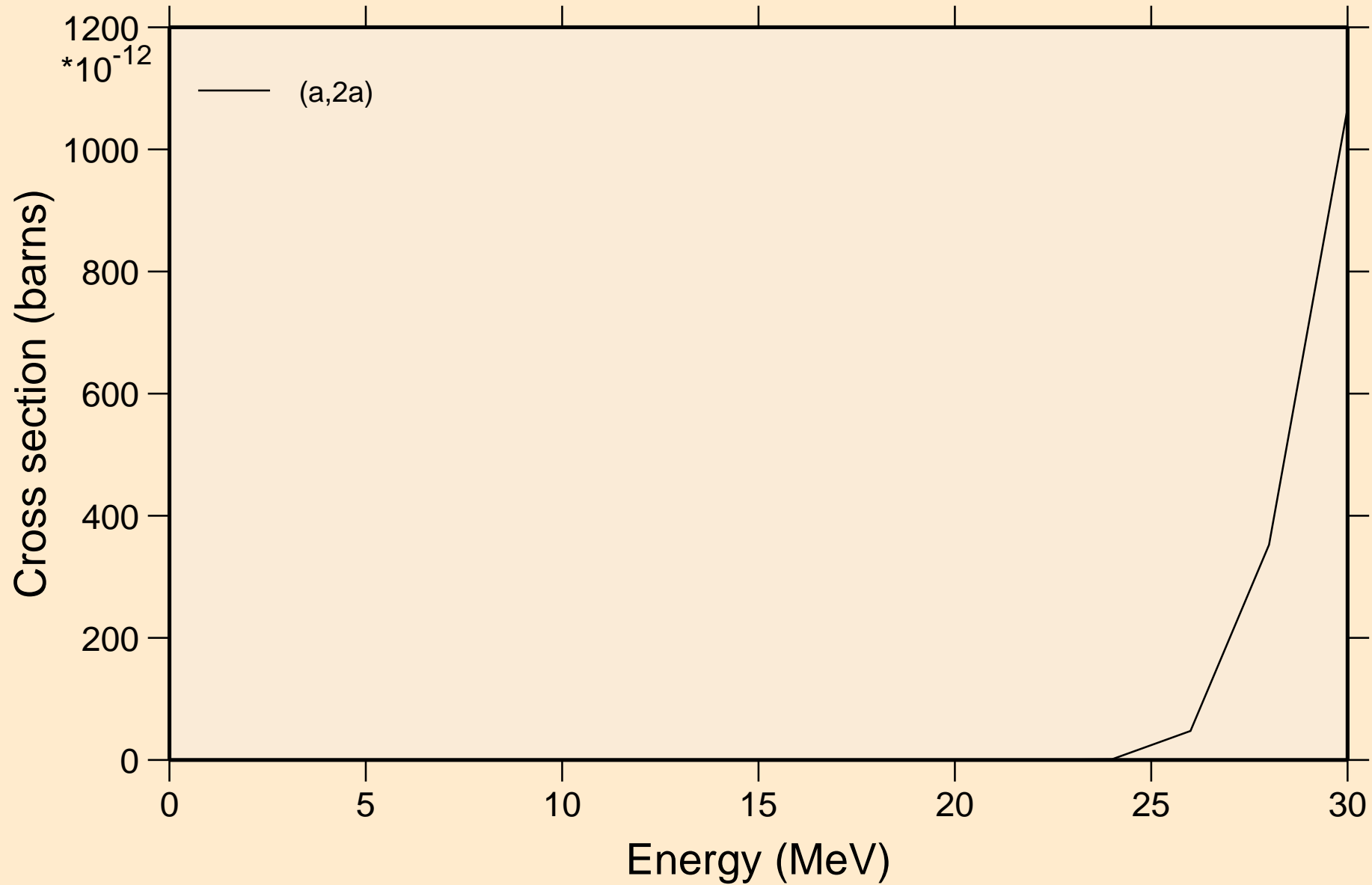
Heating



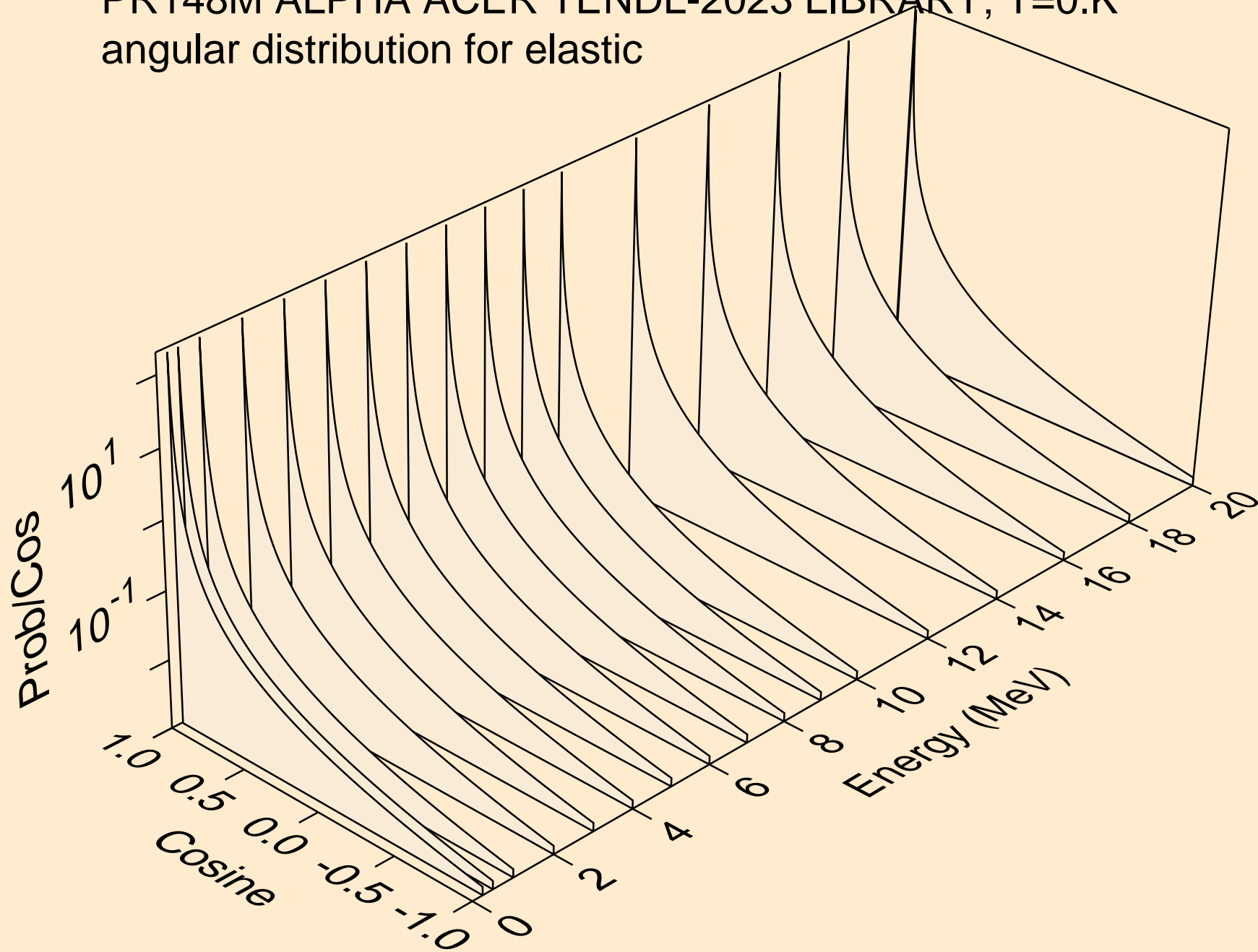
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Threshold reactions



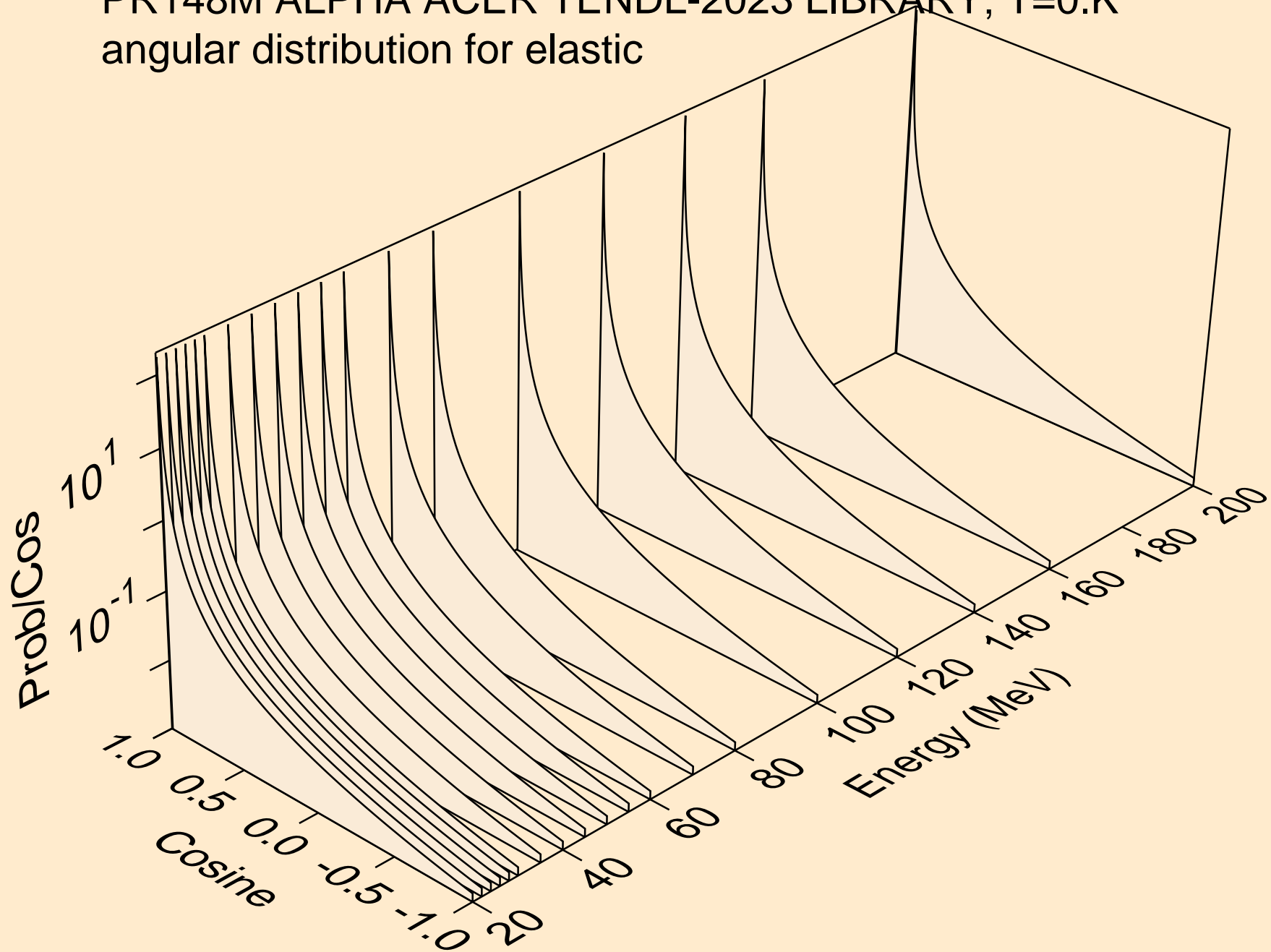
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

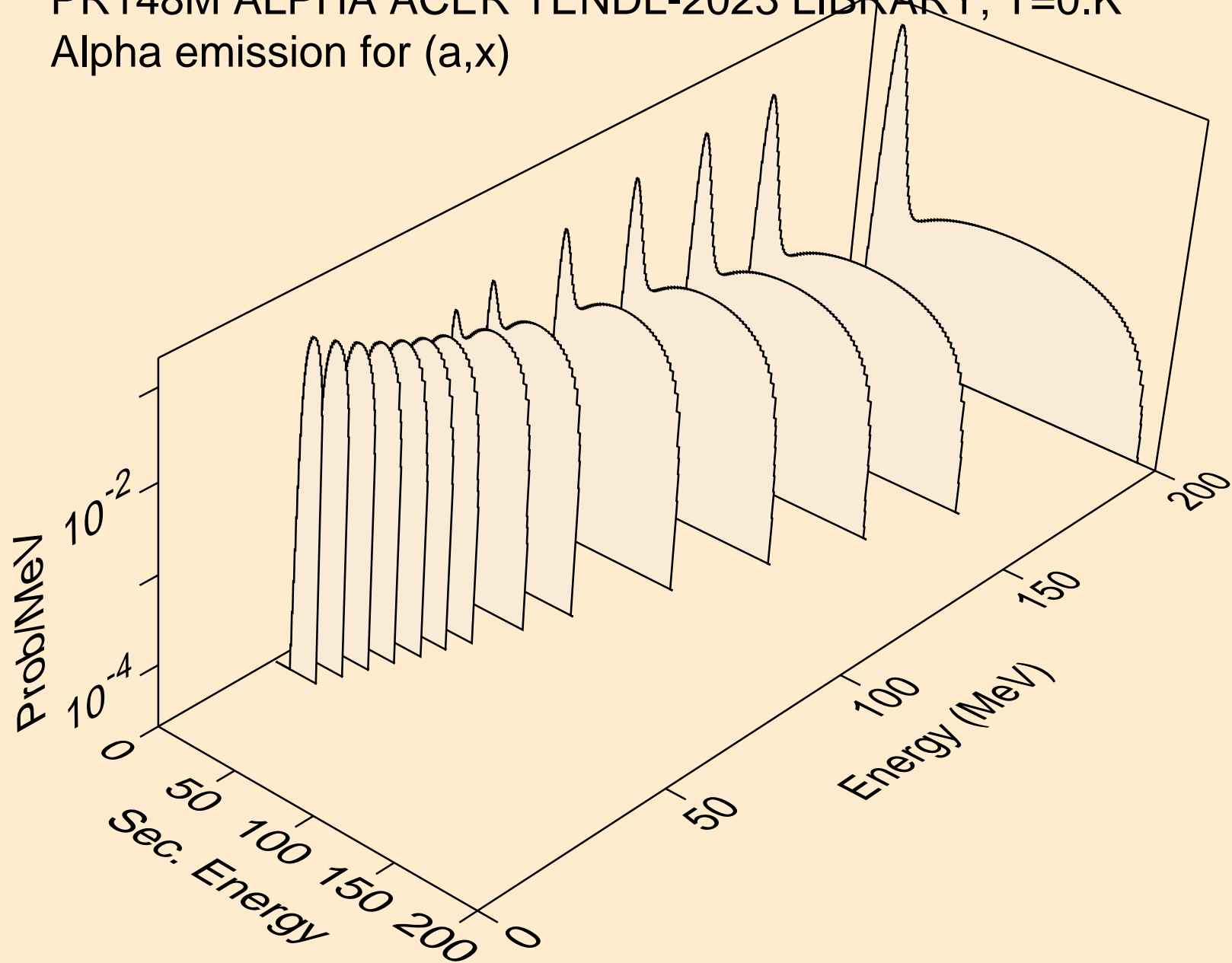


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

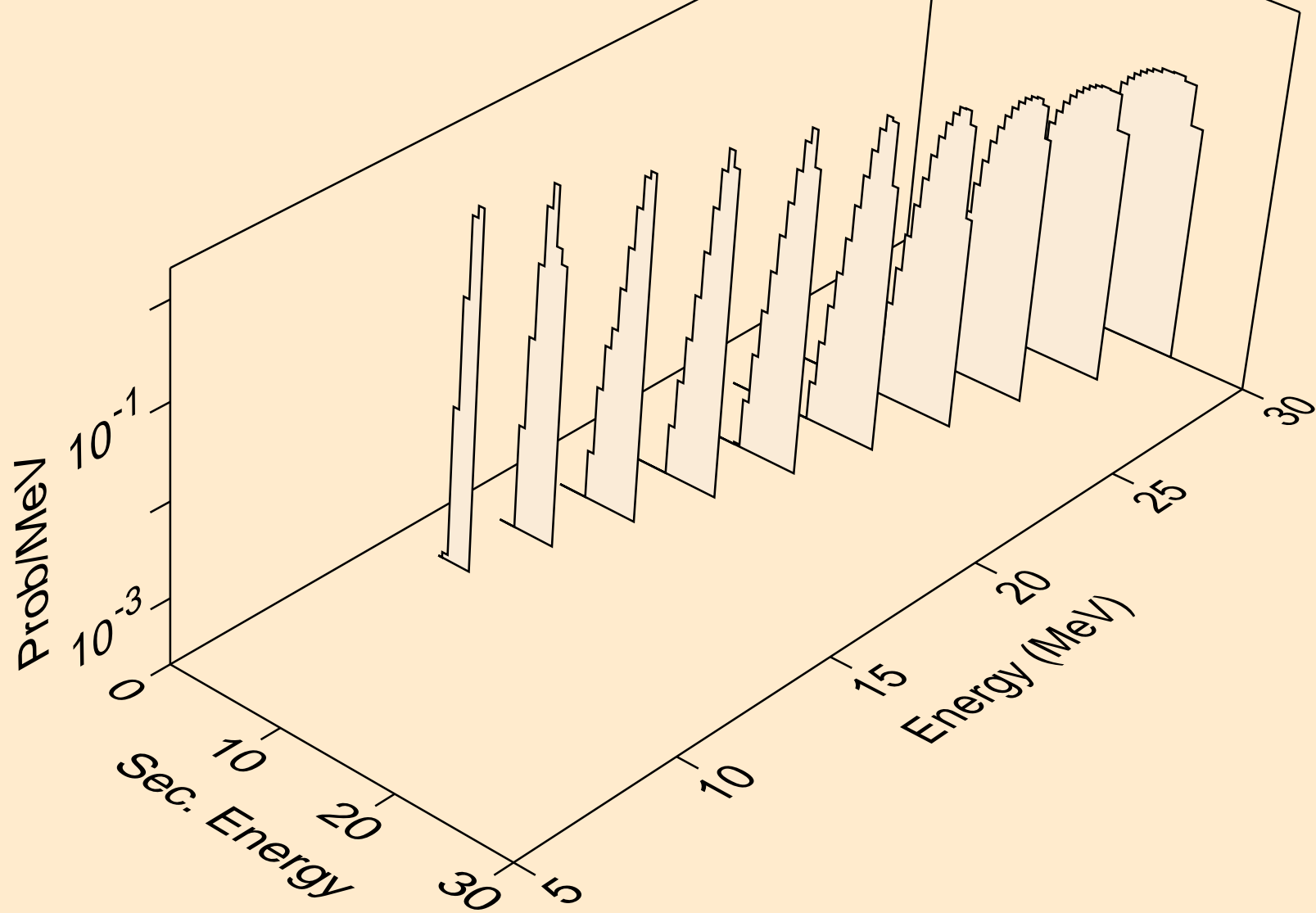




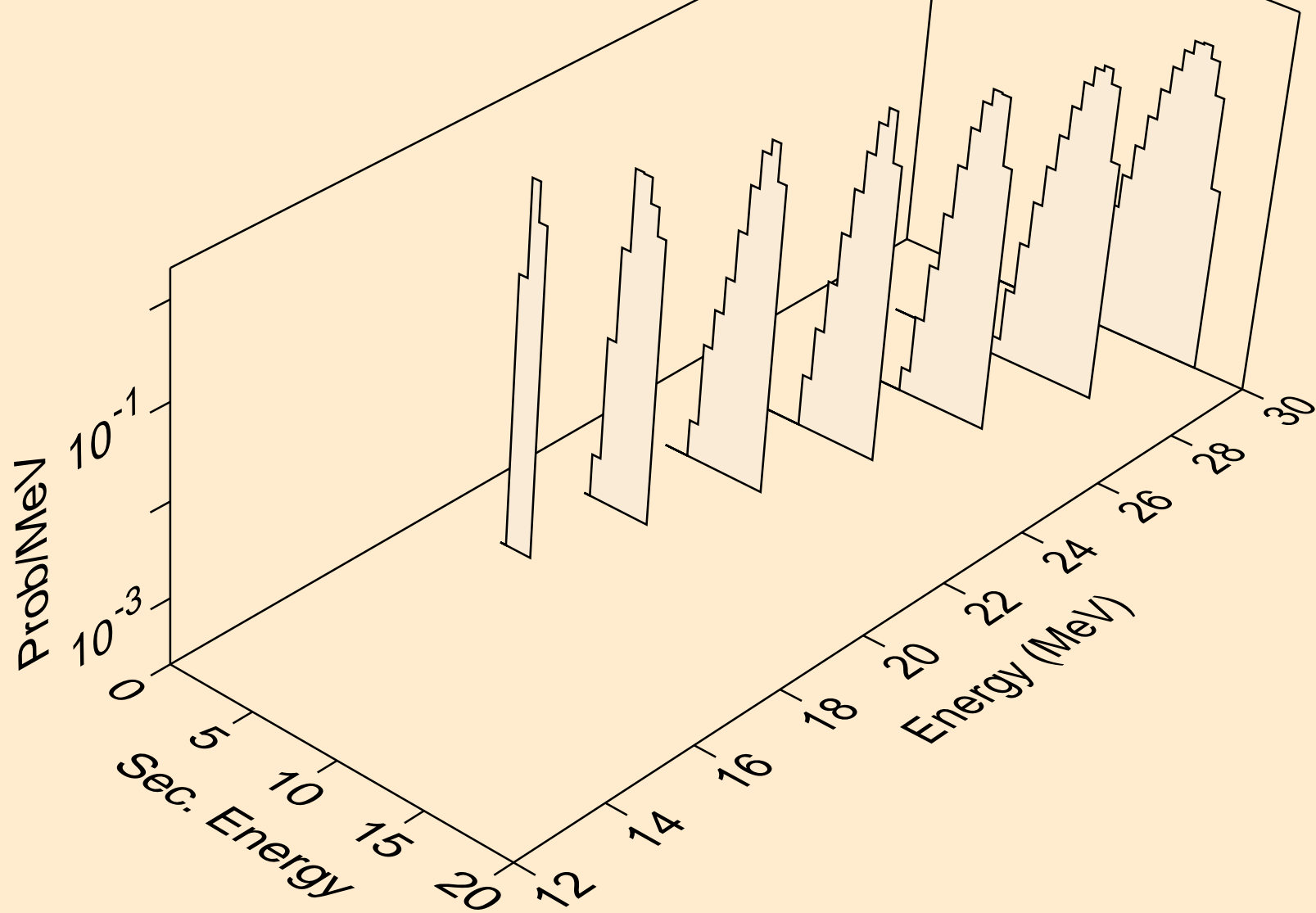
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



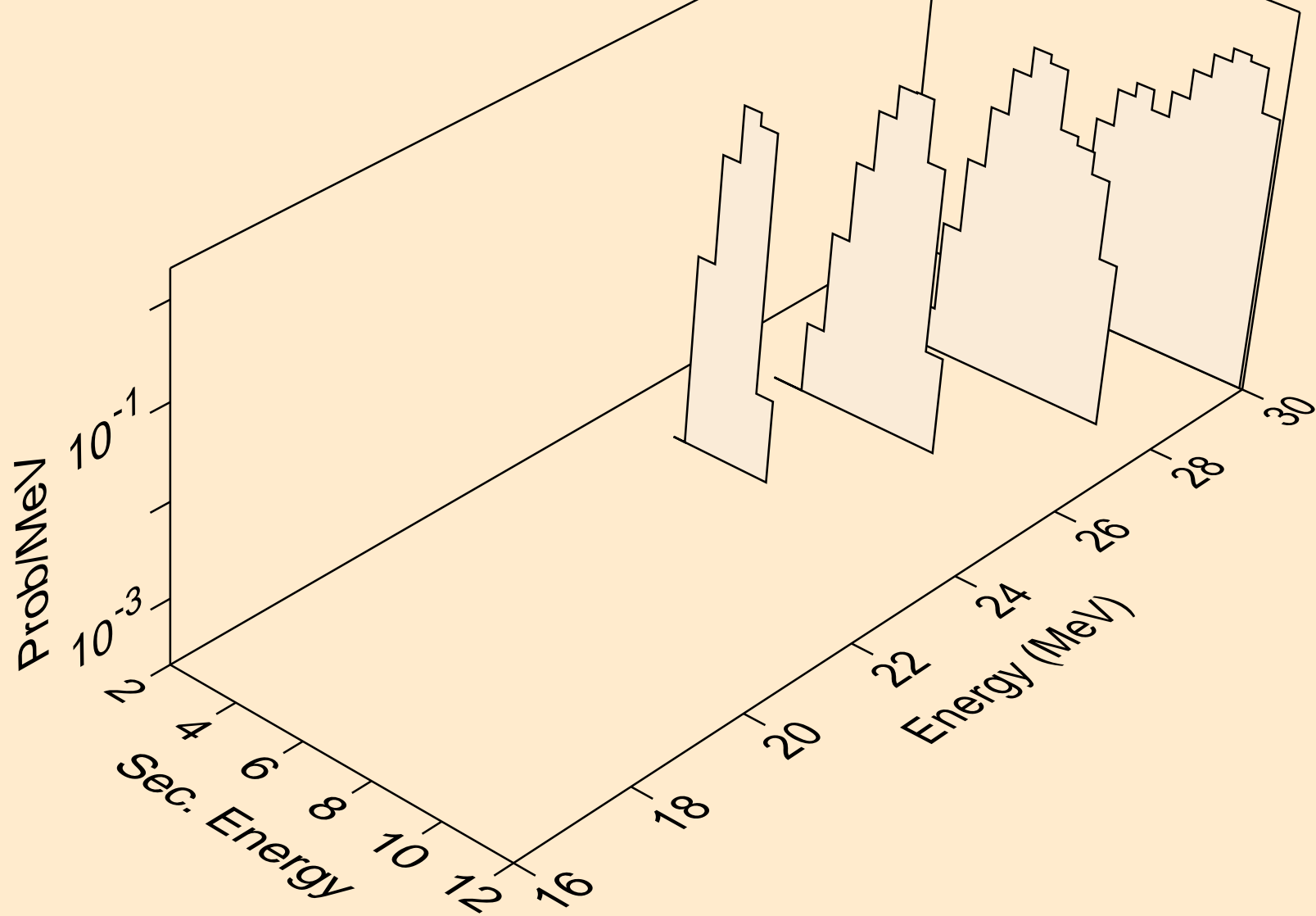
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



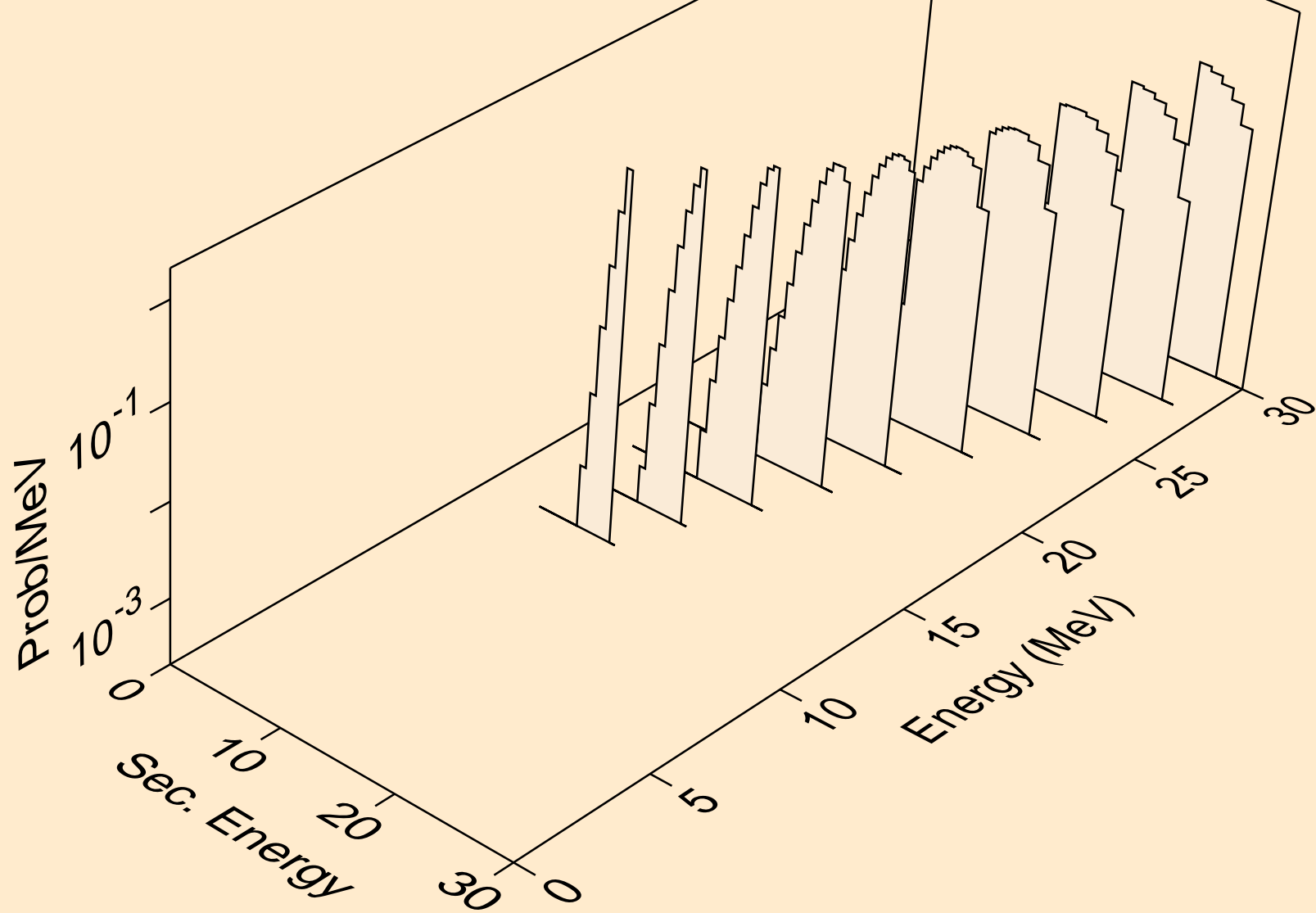
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



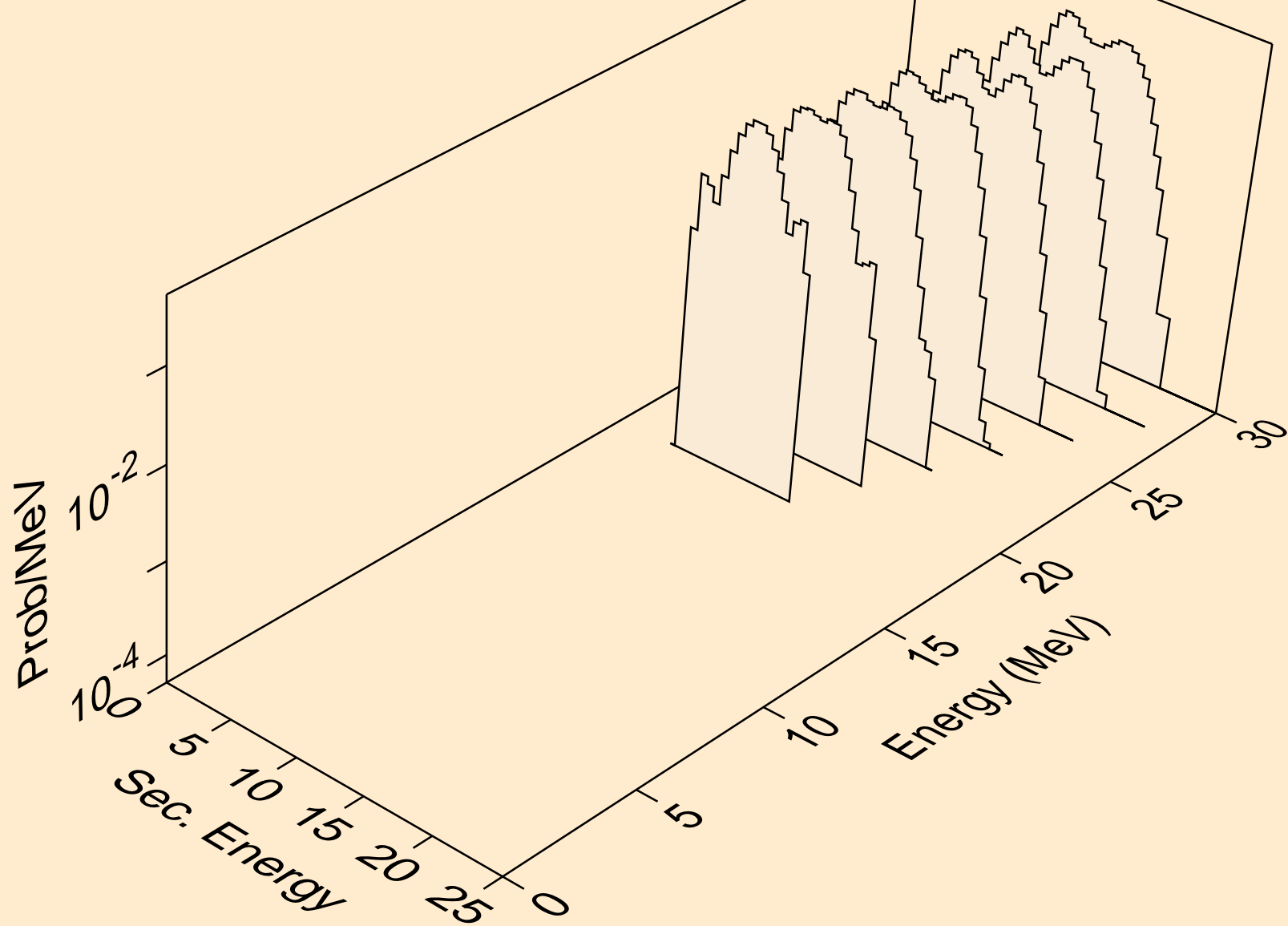
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



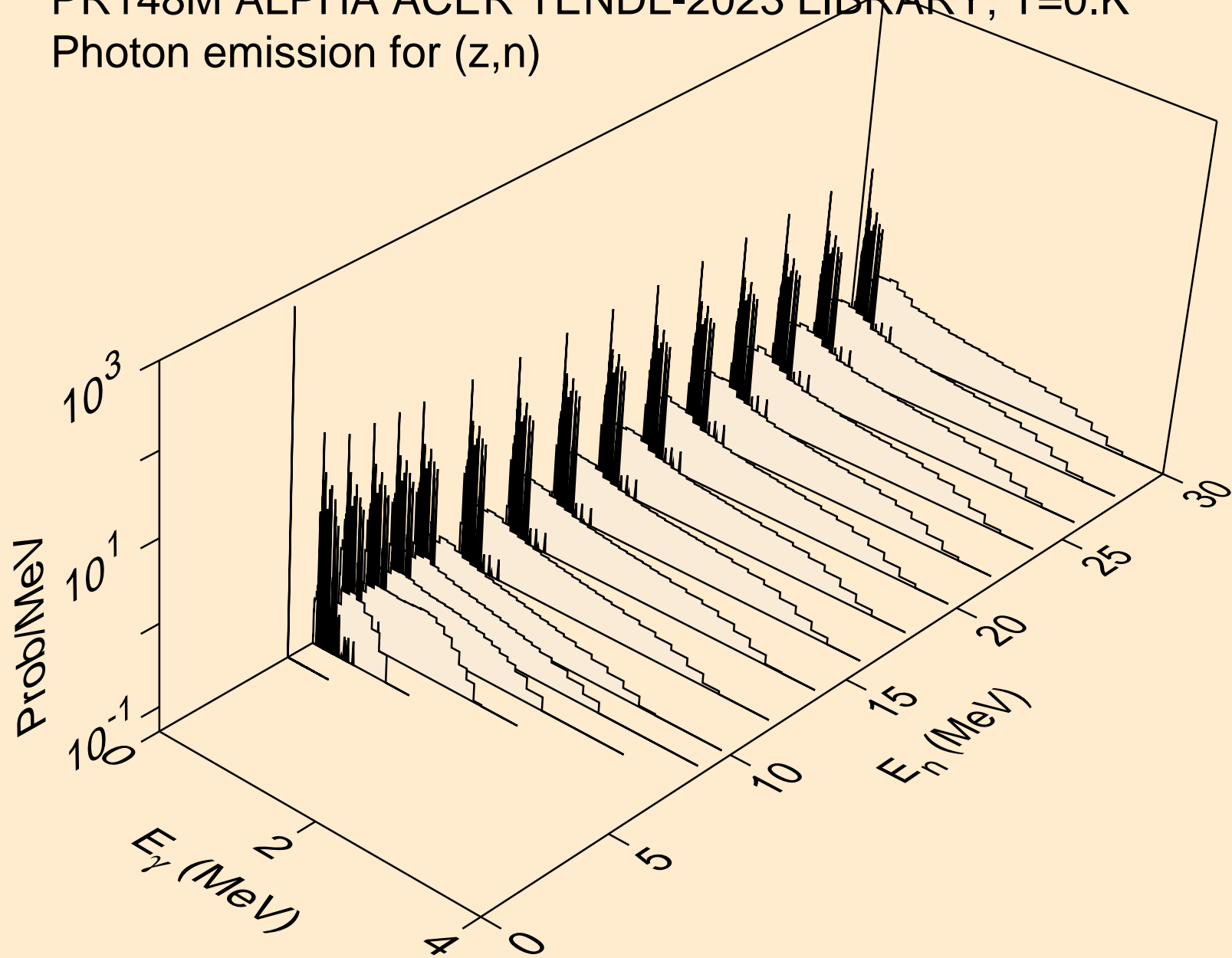
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



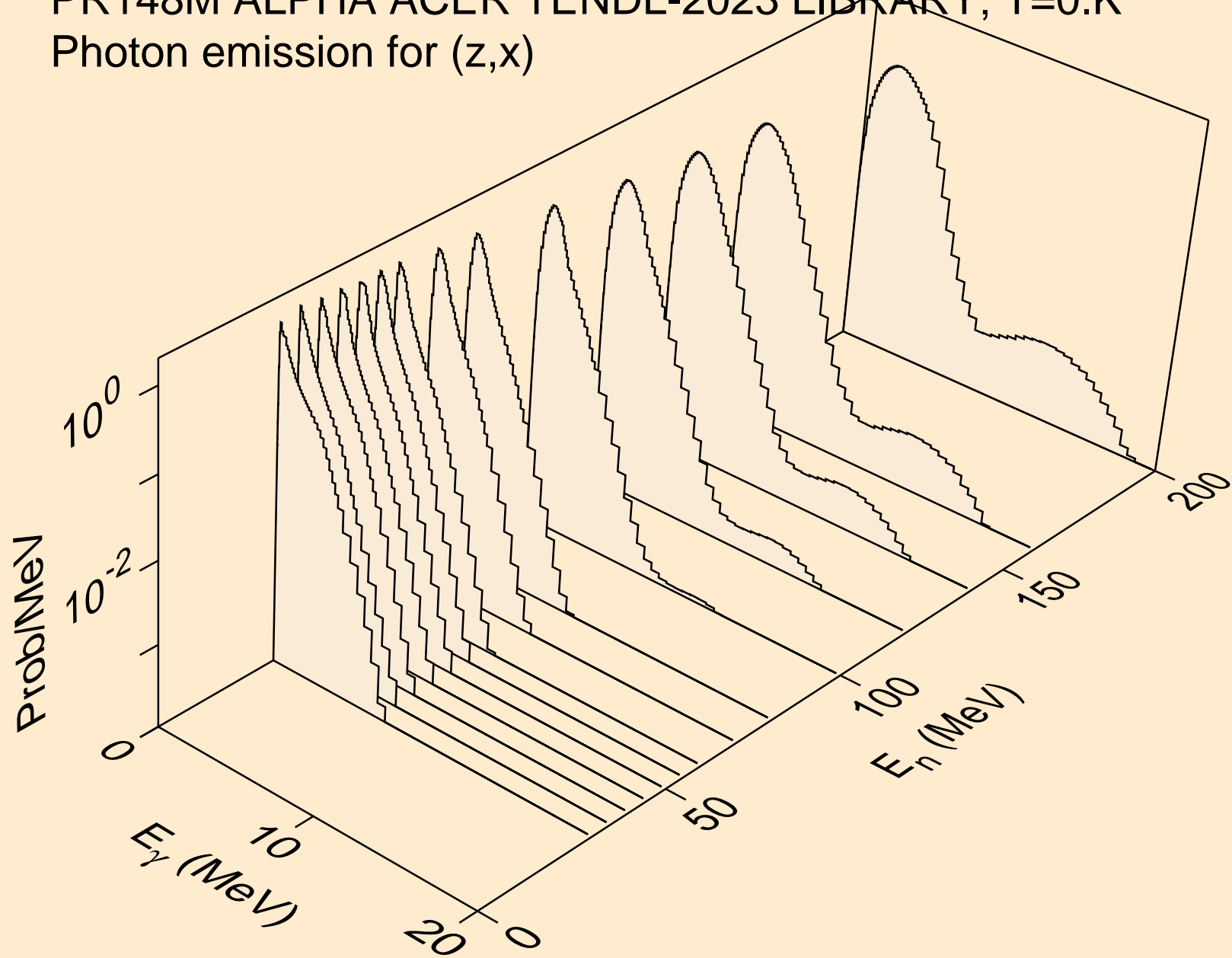
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

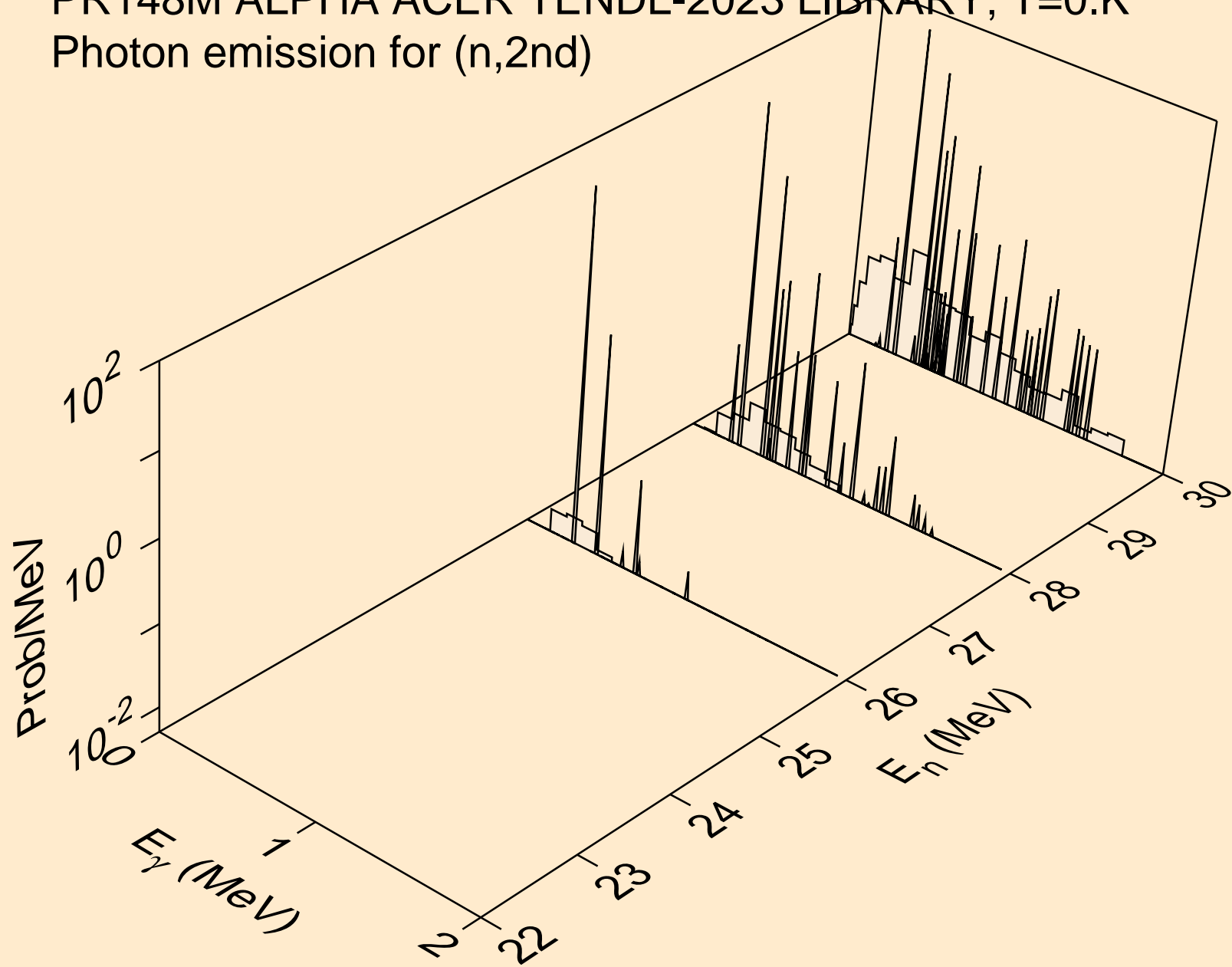


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

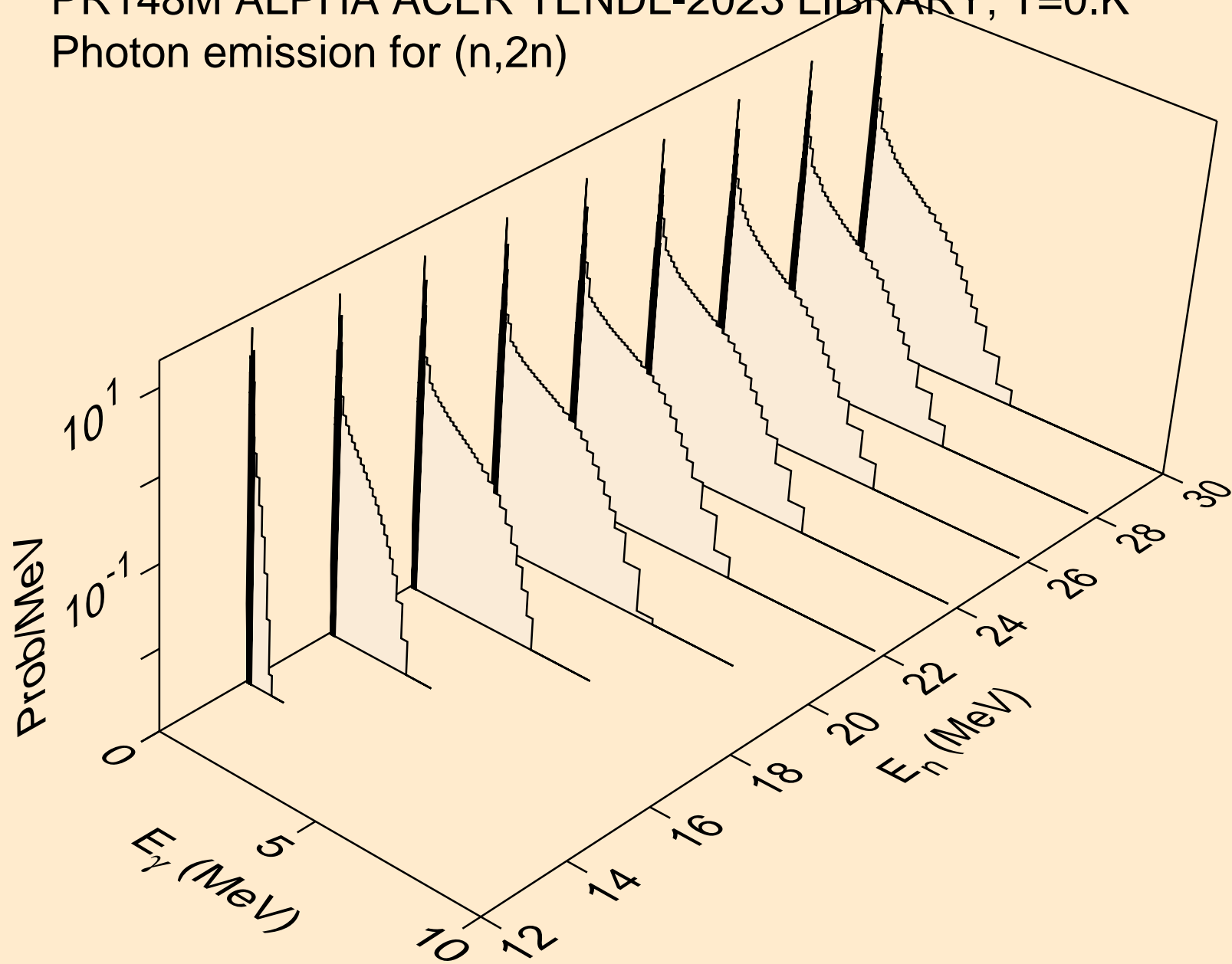




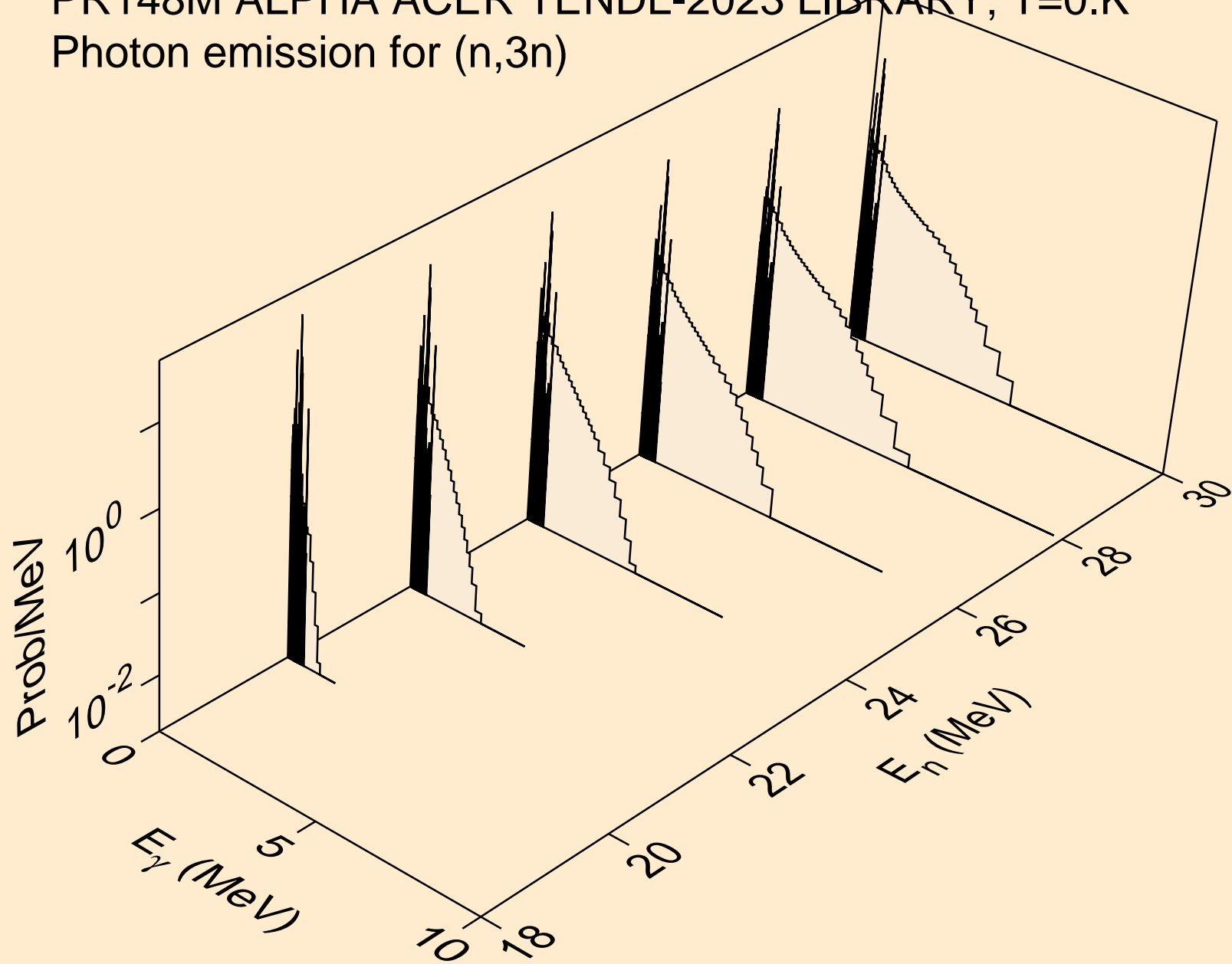
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



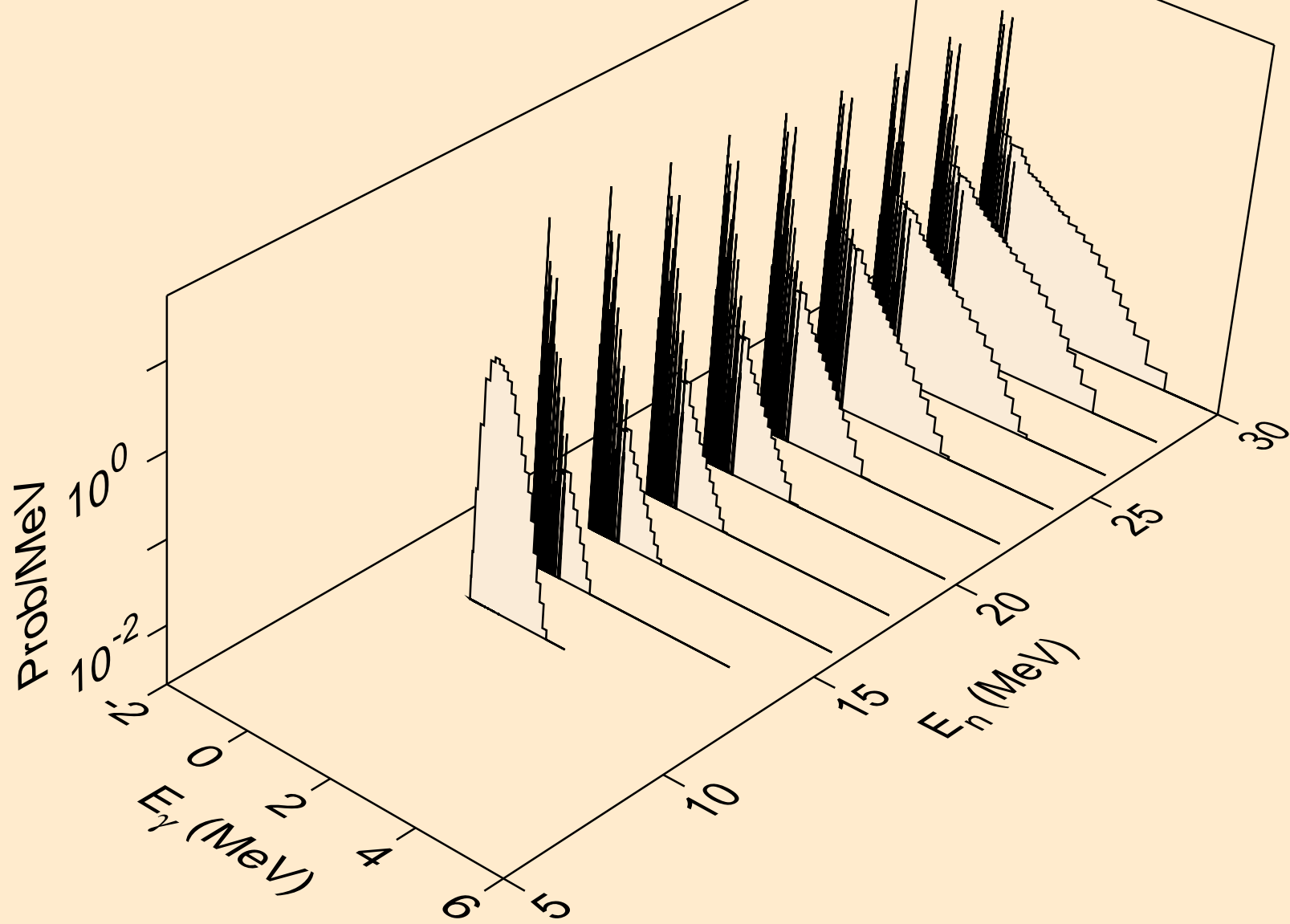
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



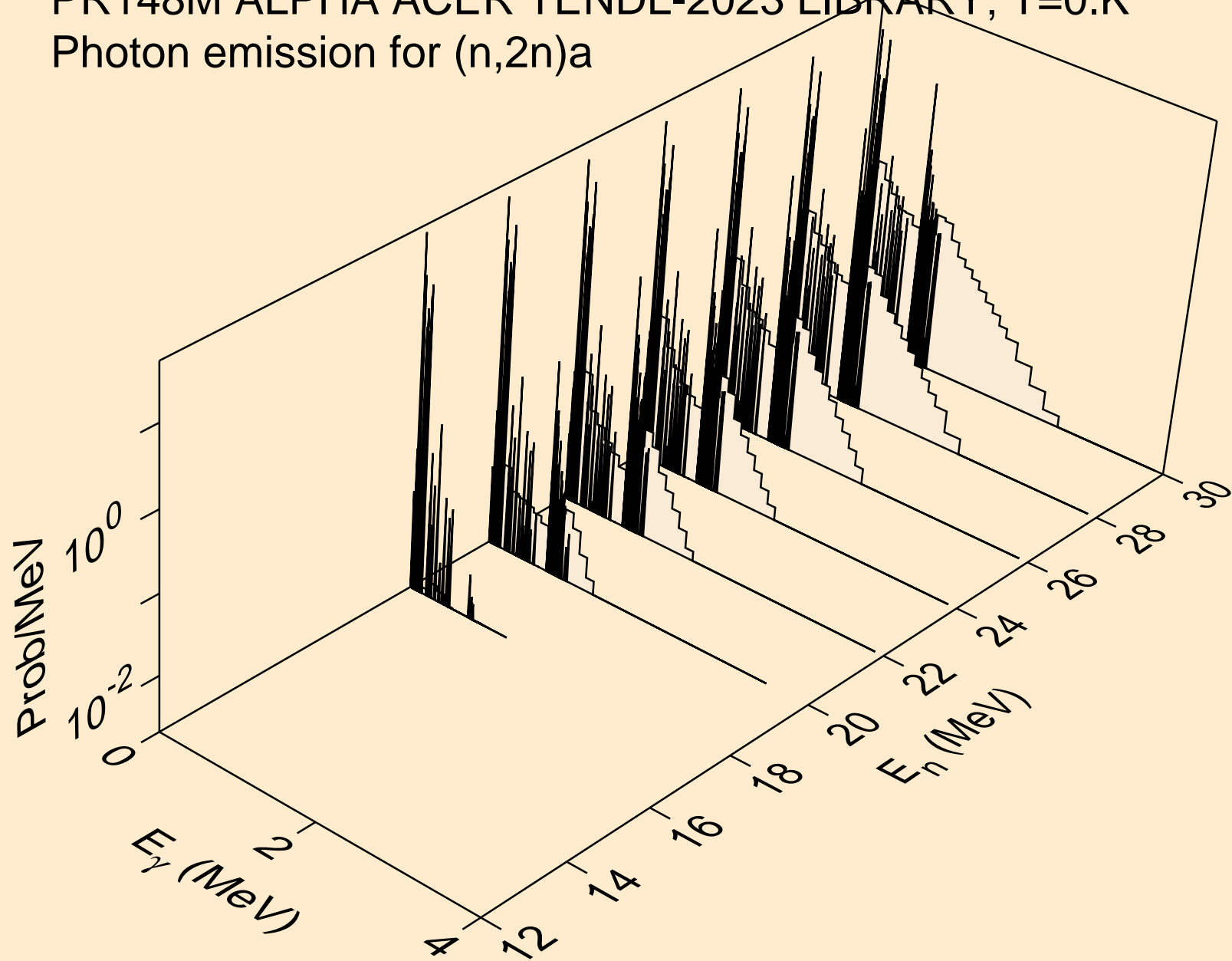
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Photon emission for (n,3n)



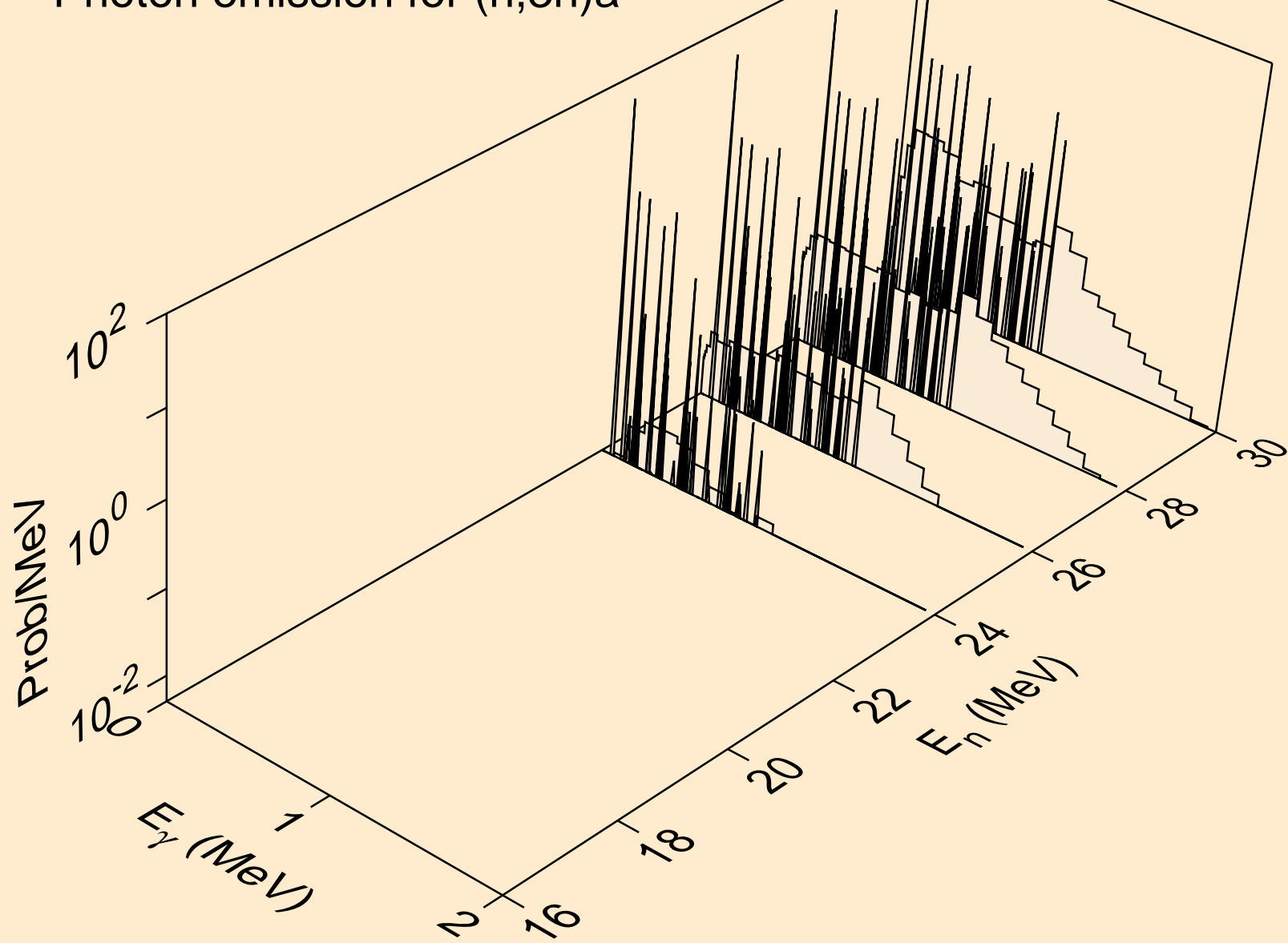
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



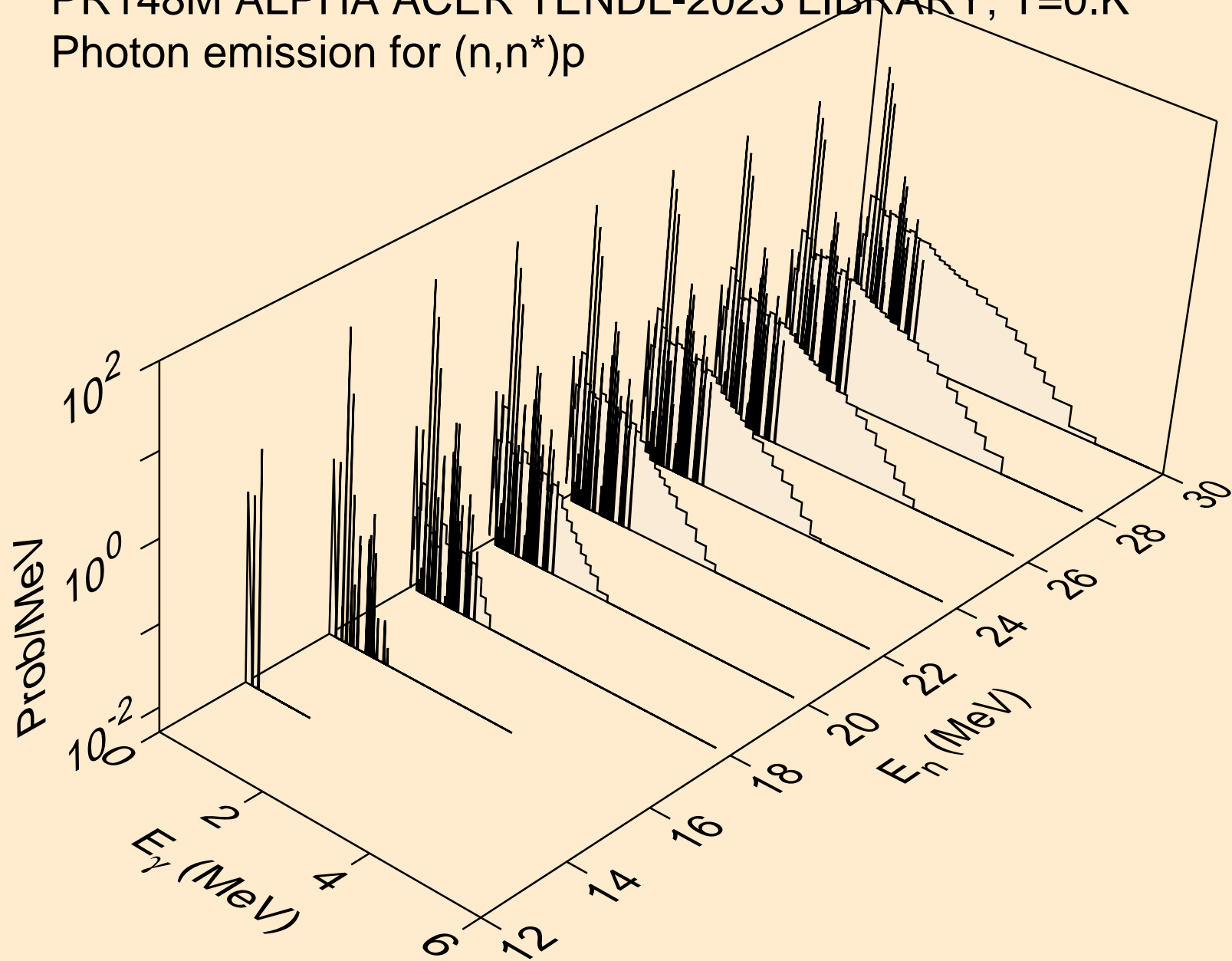
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Photon emission for (n,2n)a



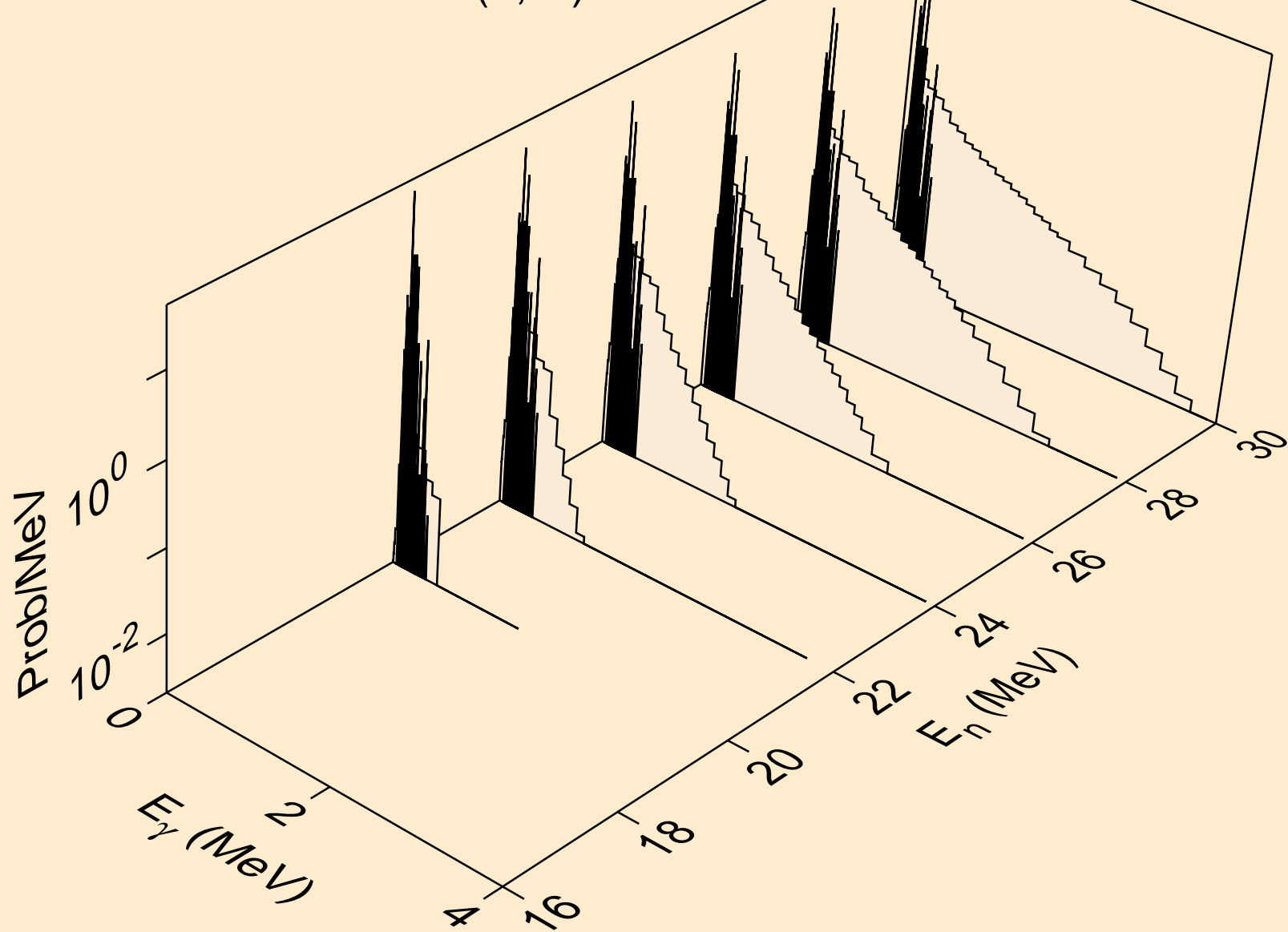
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

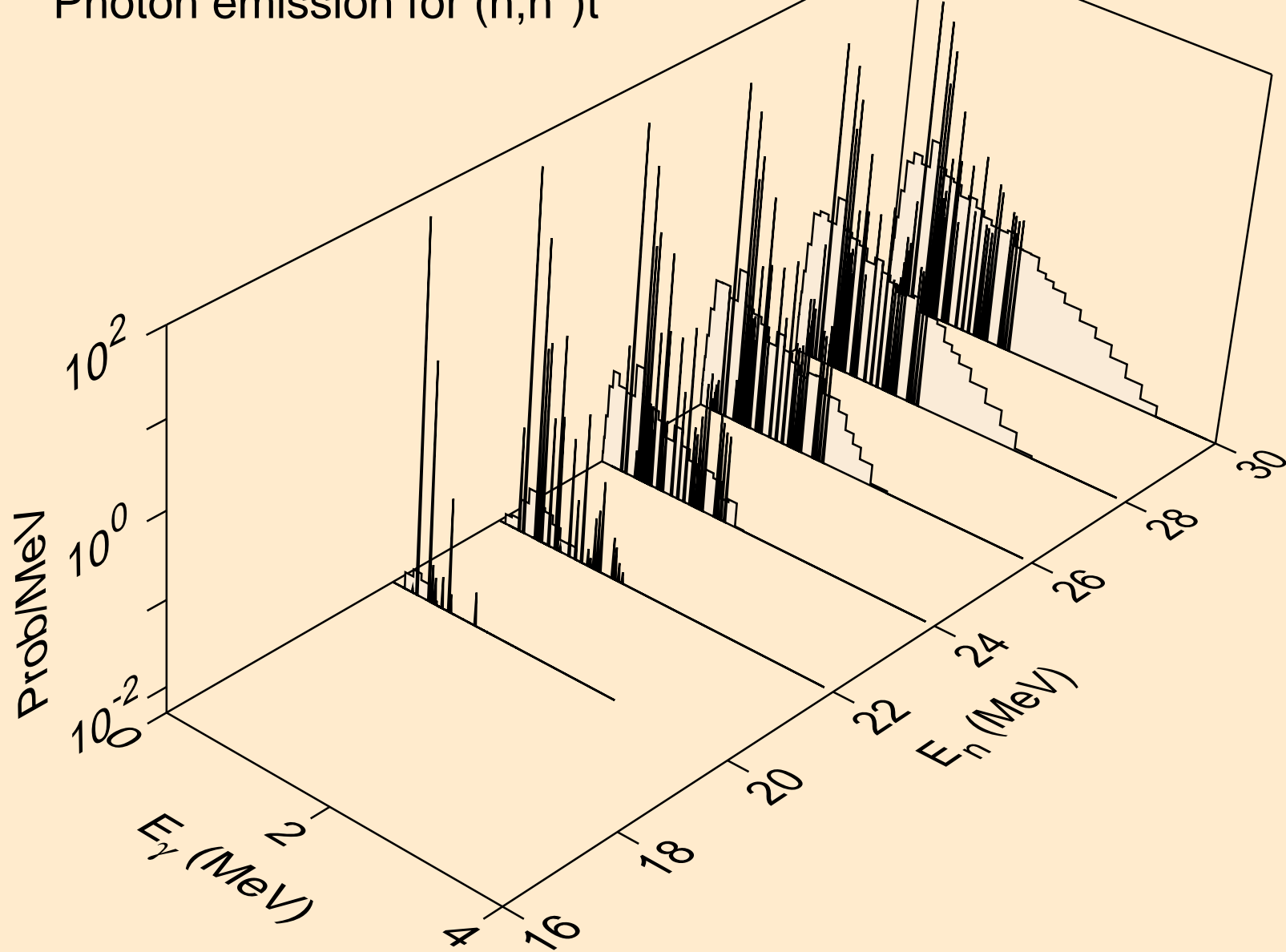


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

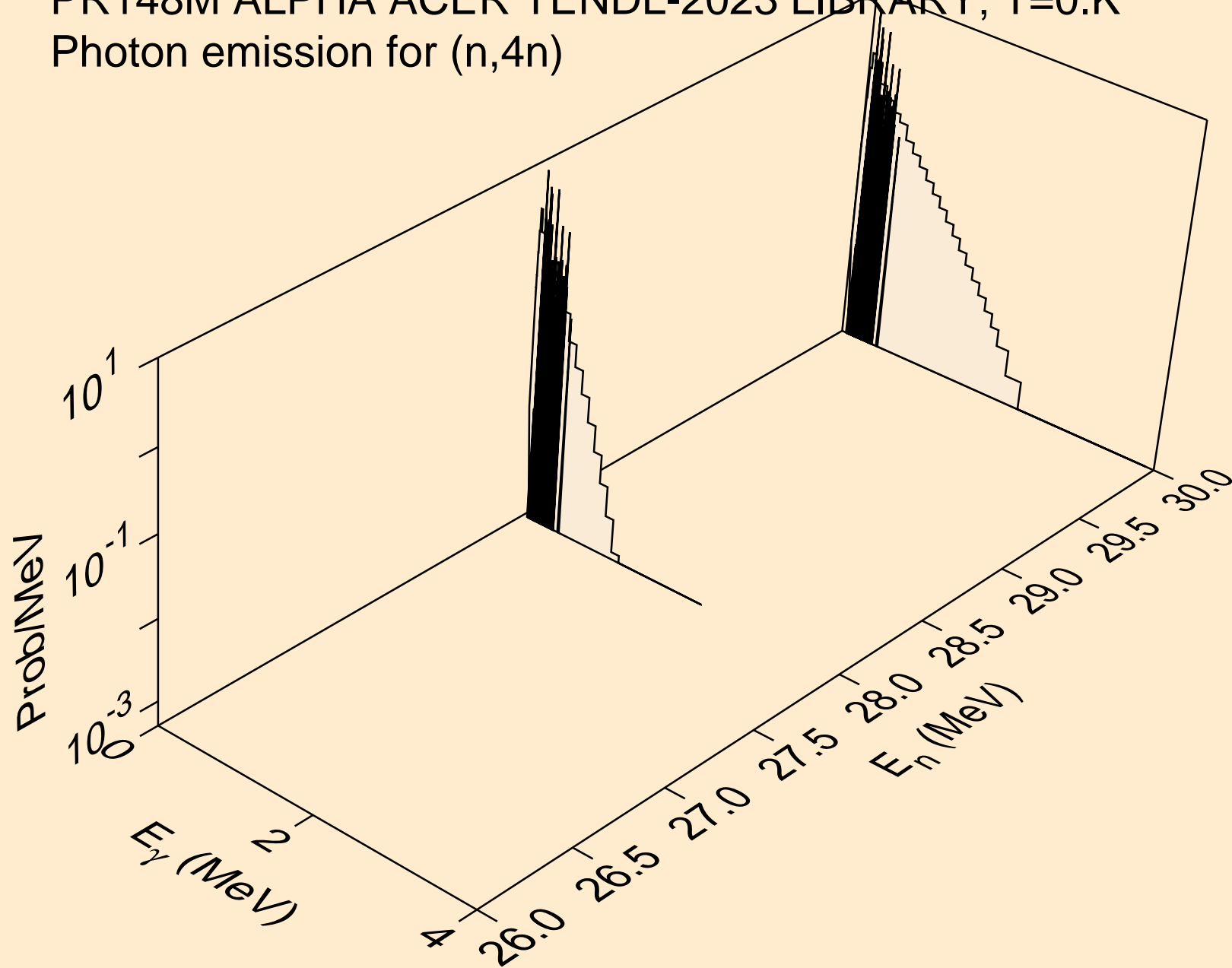




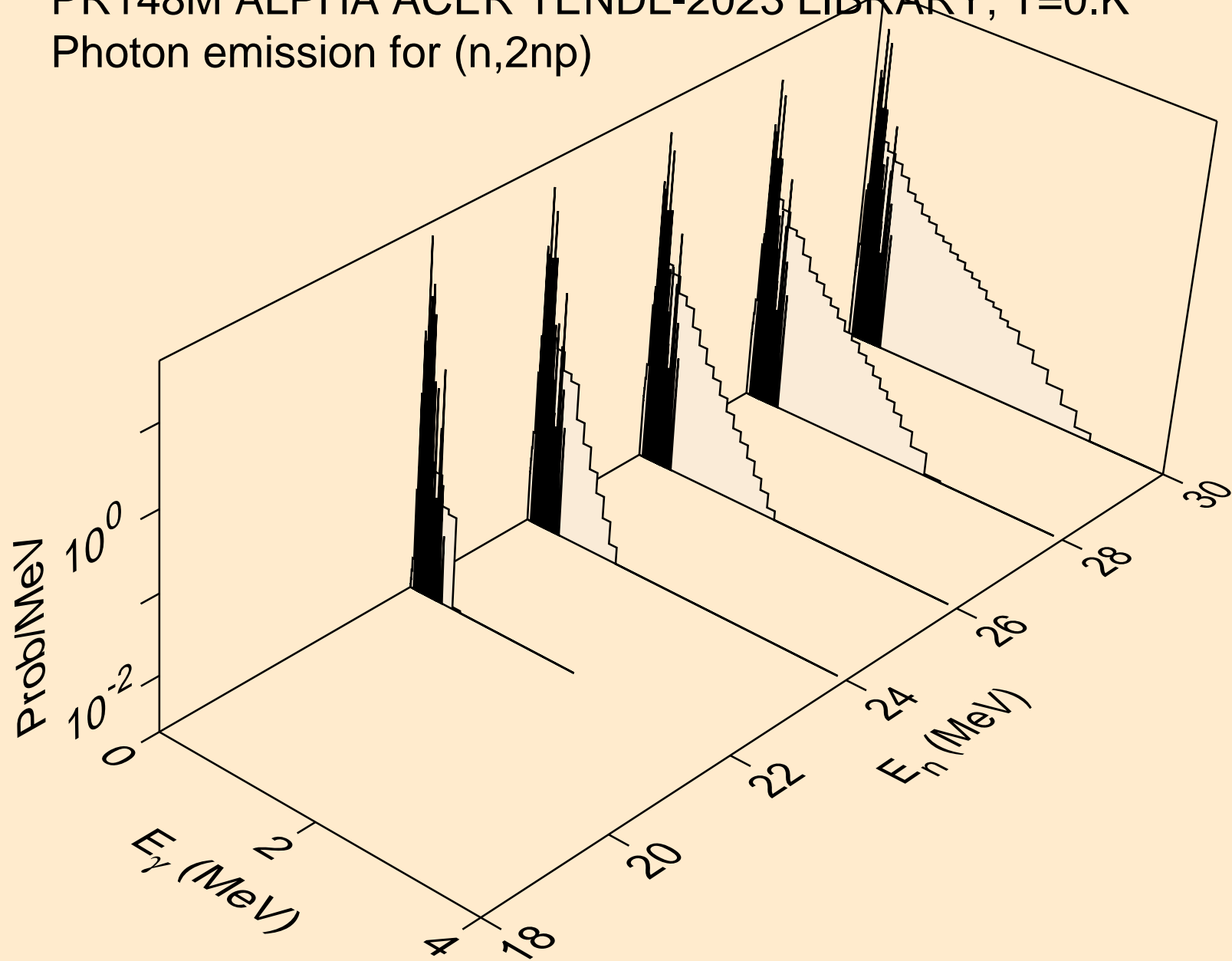
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



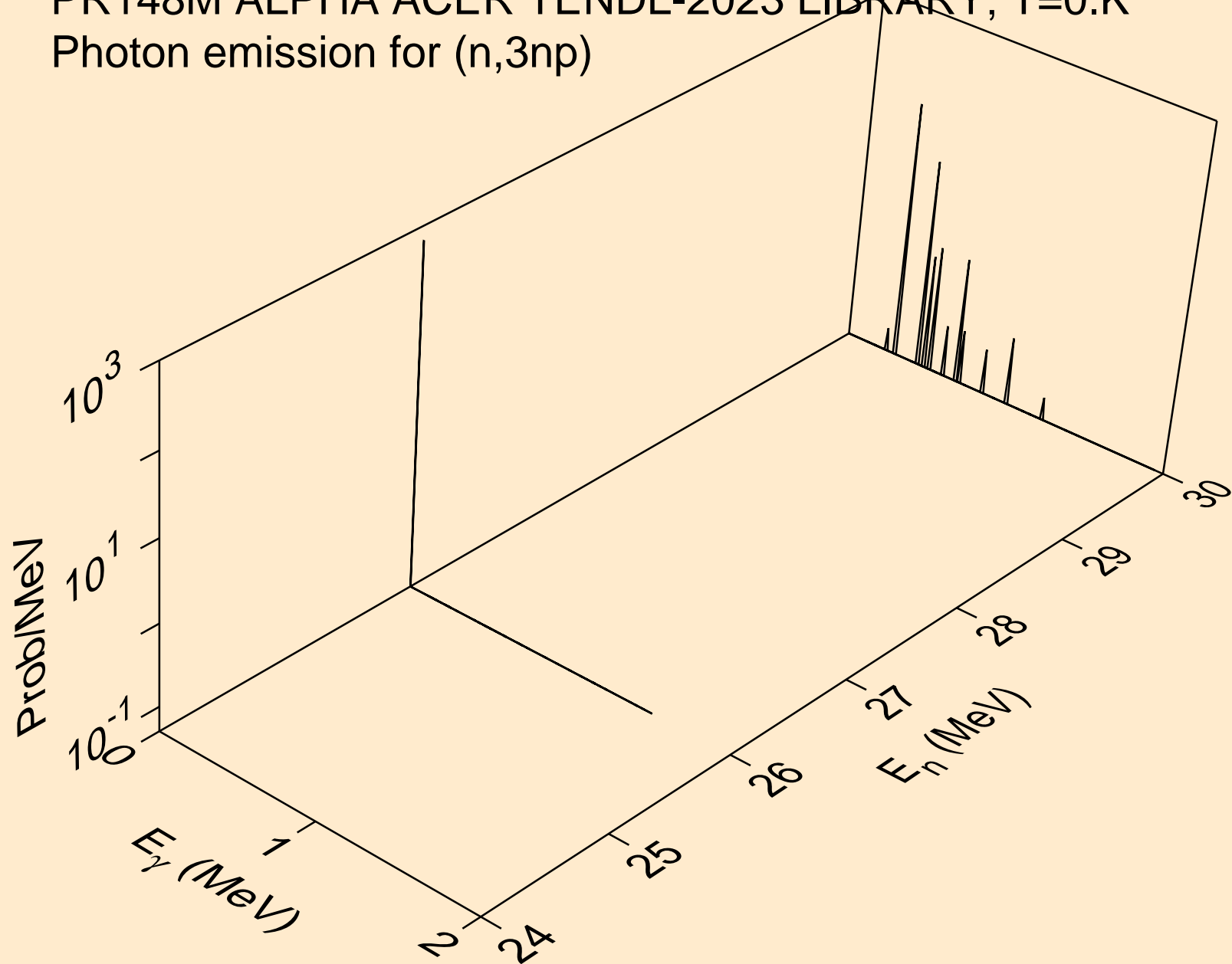
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



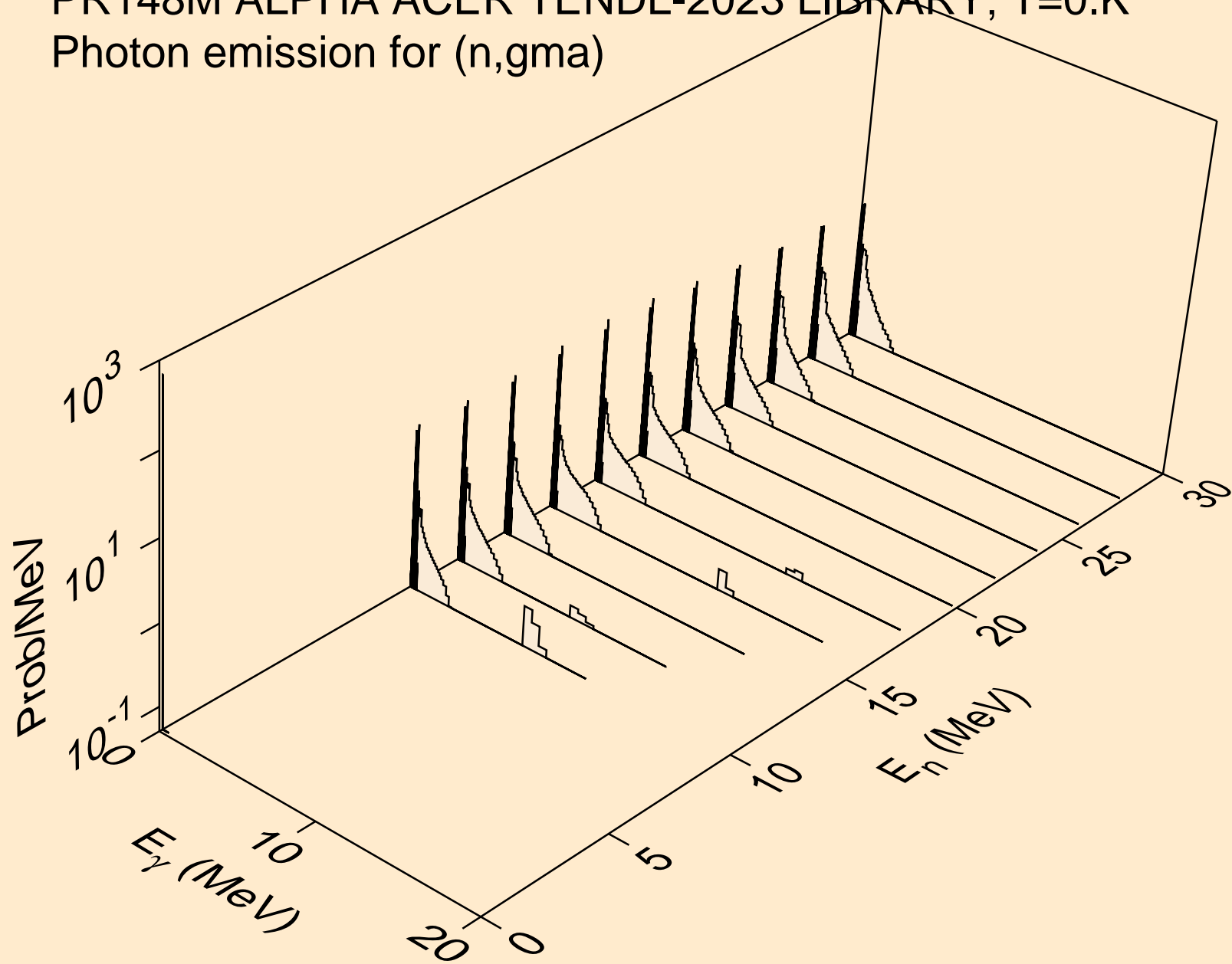
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Photon emission for (n,2np)



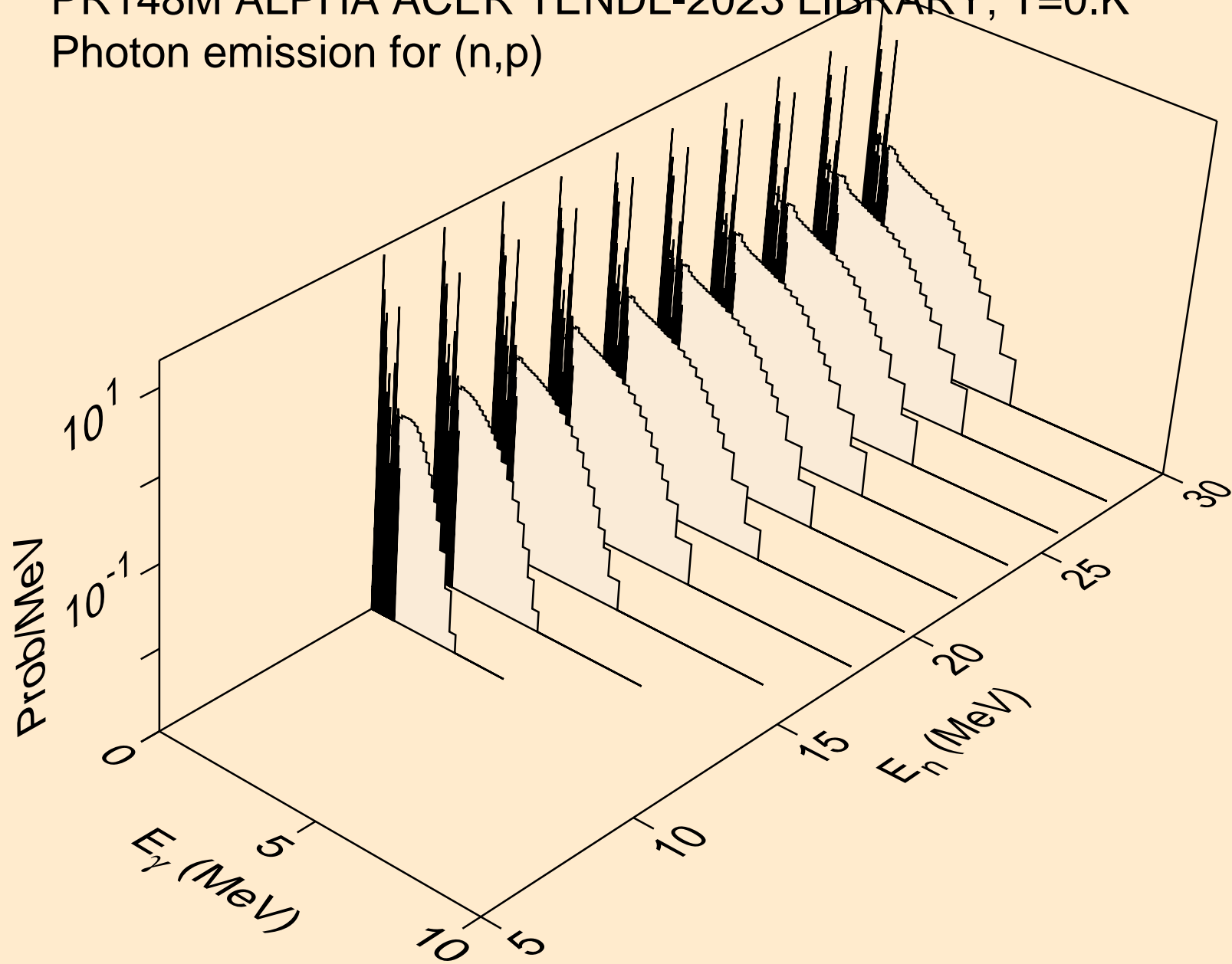
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Photon emission for (n,3np)



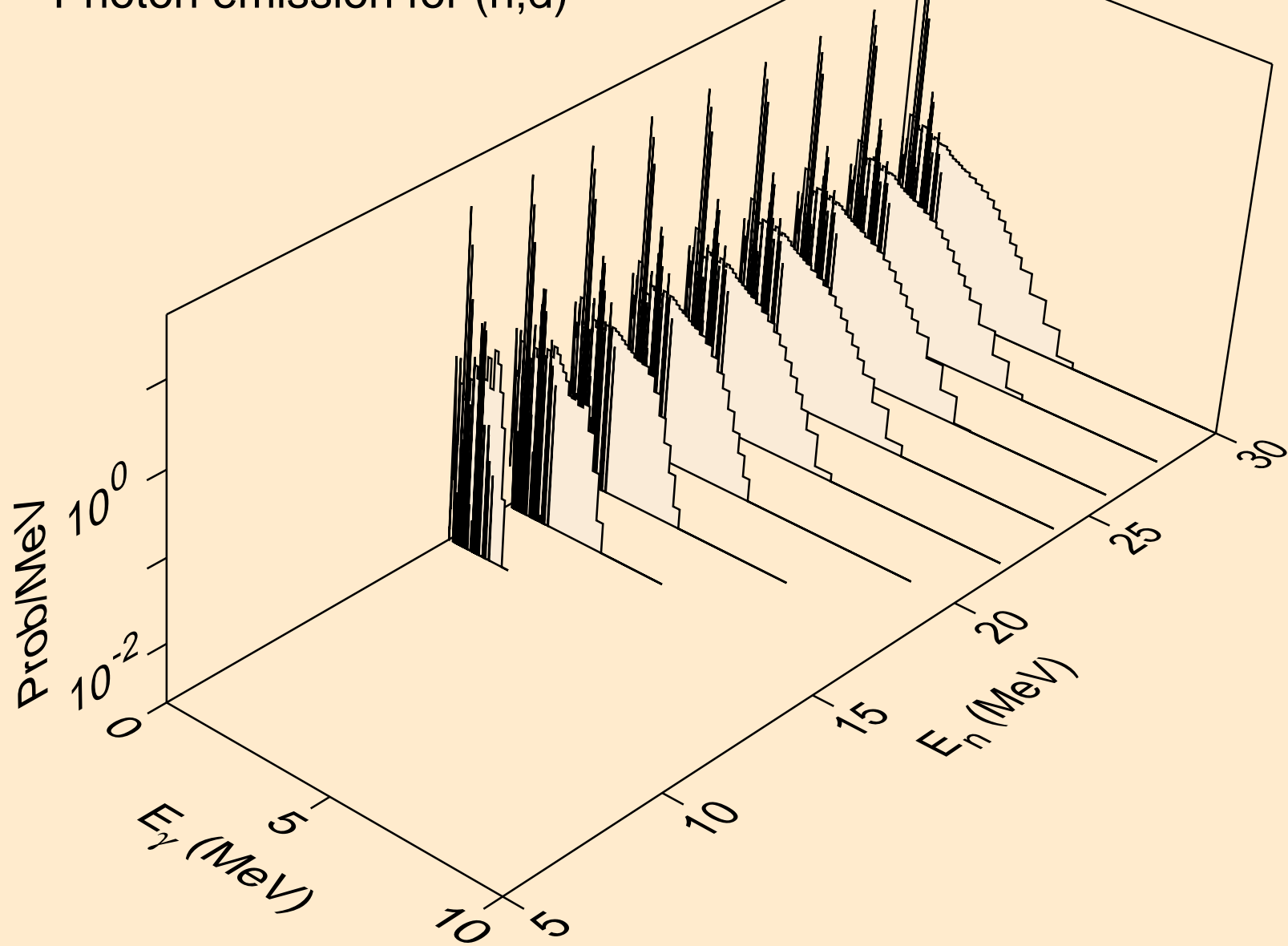
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Photon emission for (n,gma)



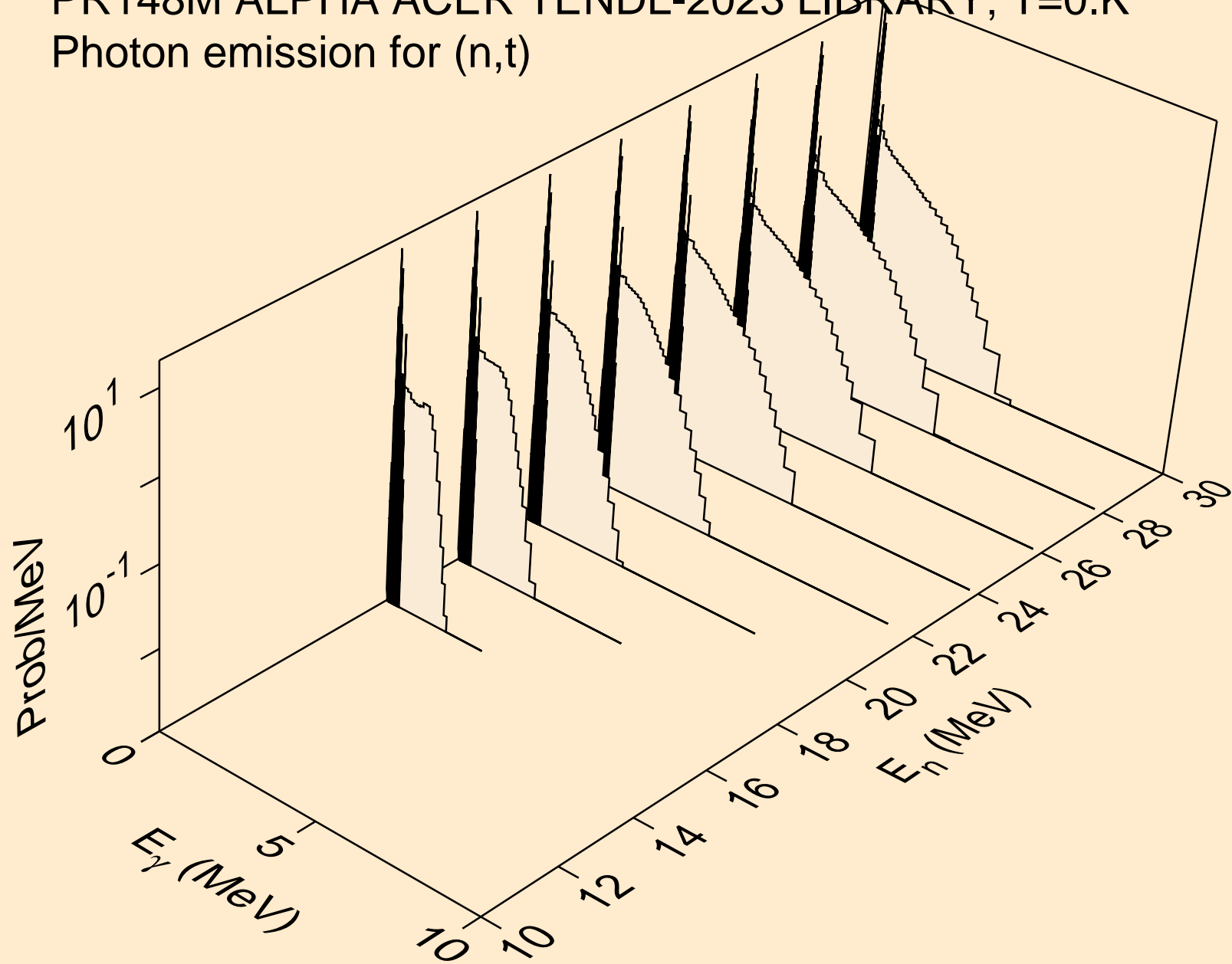
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

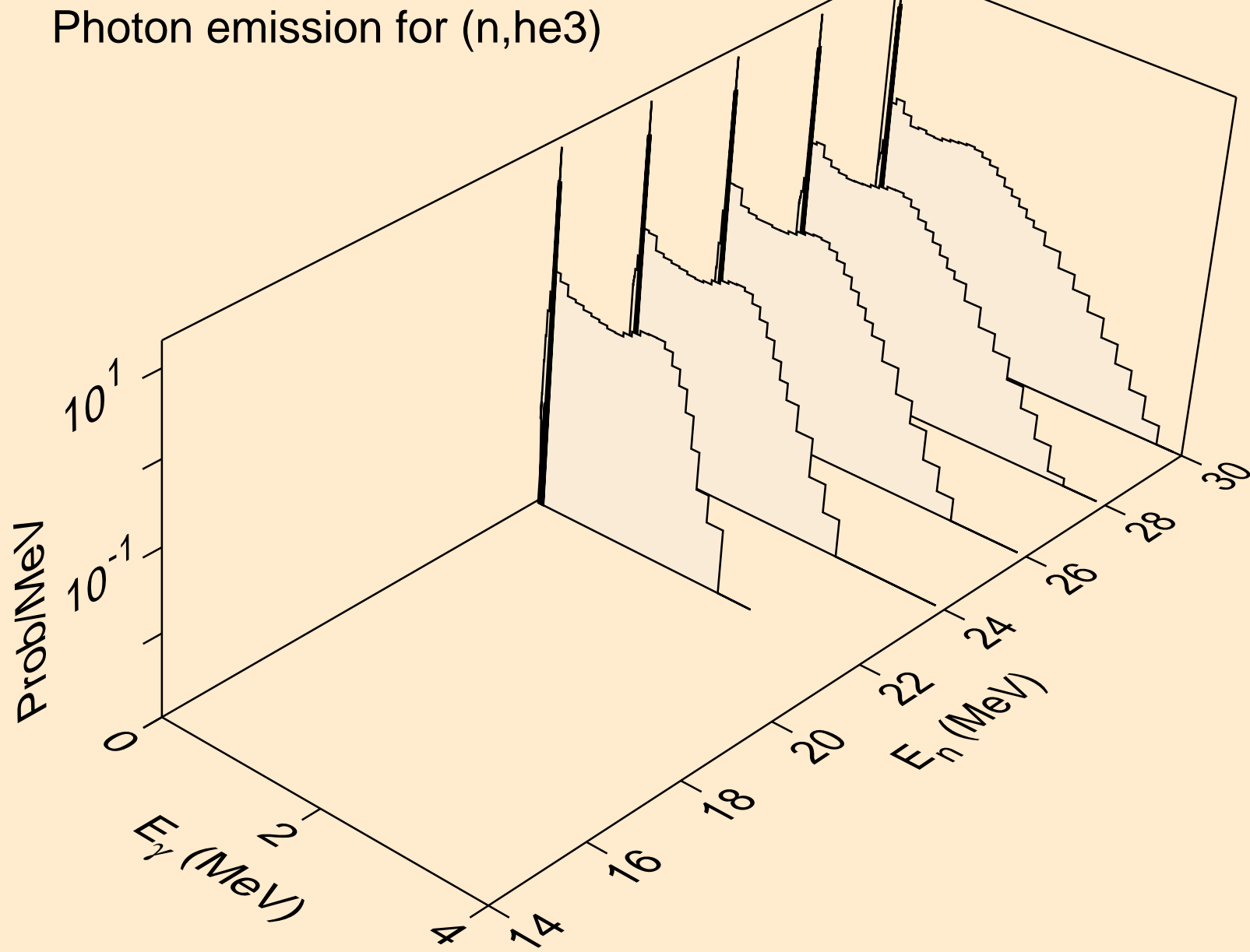


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

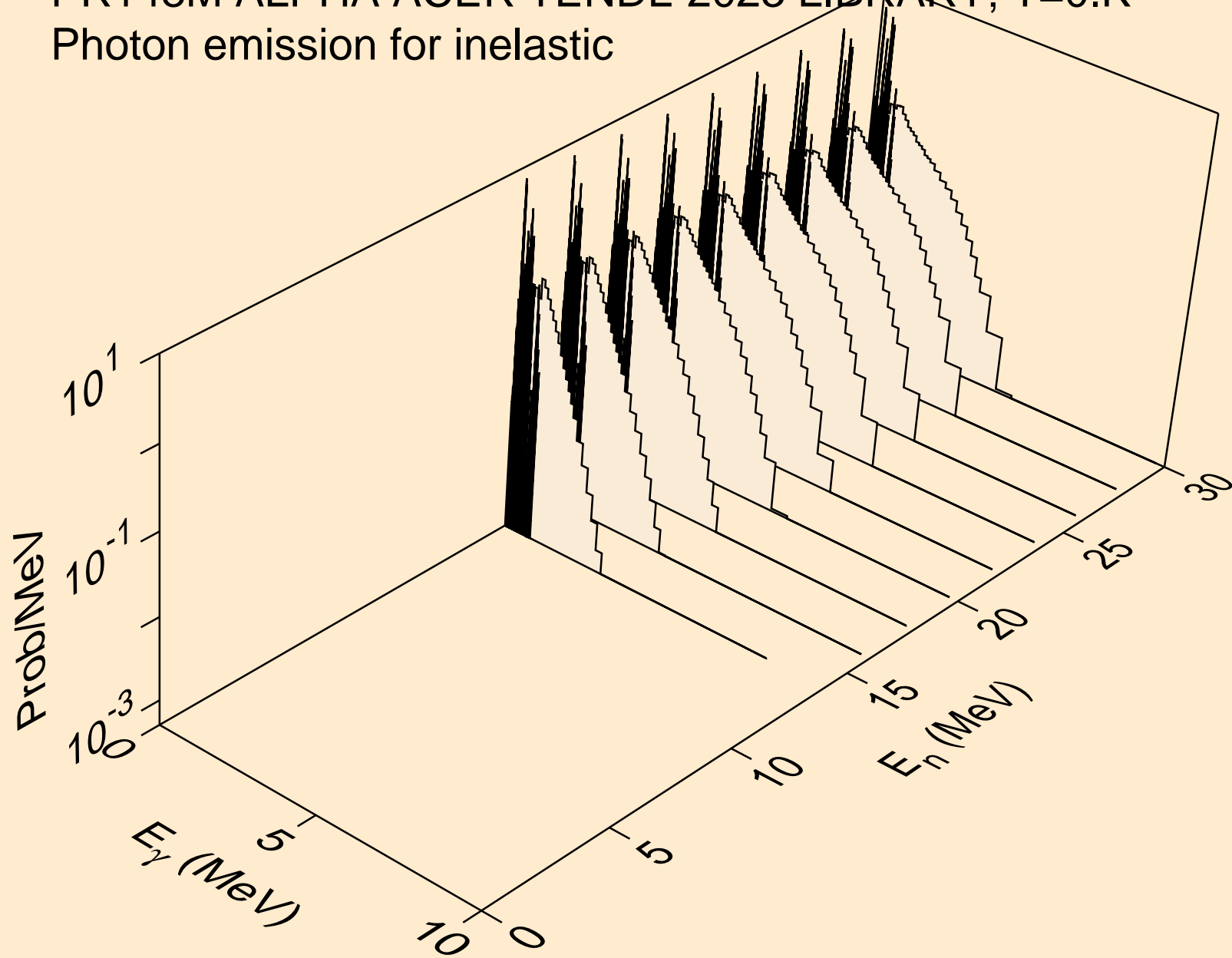




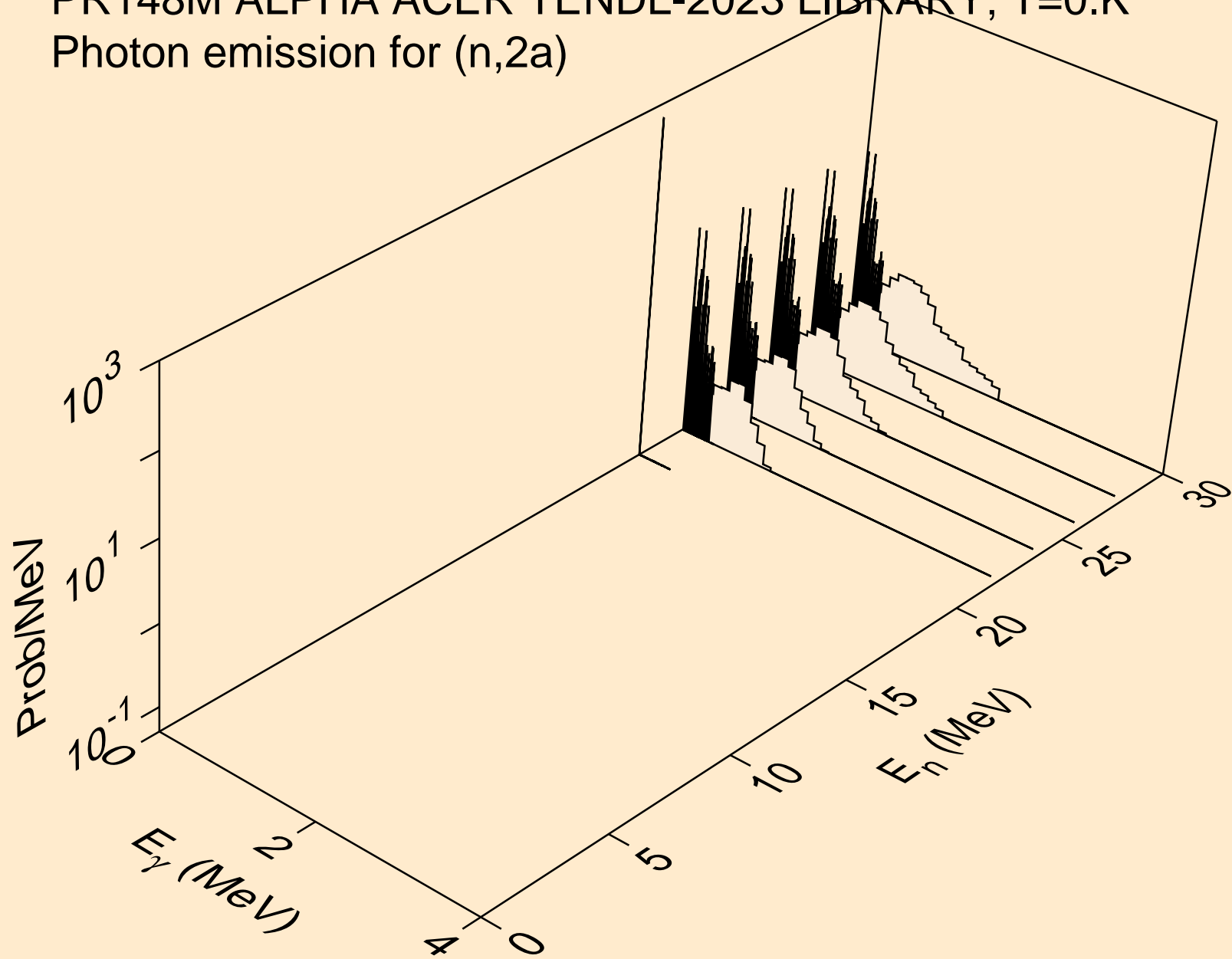
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



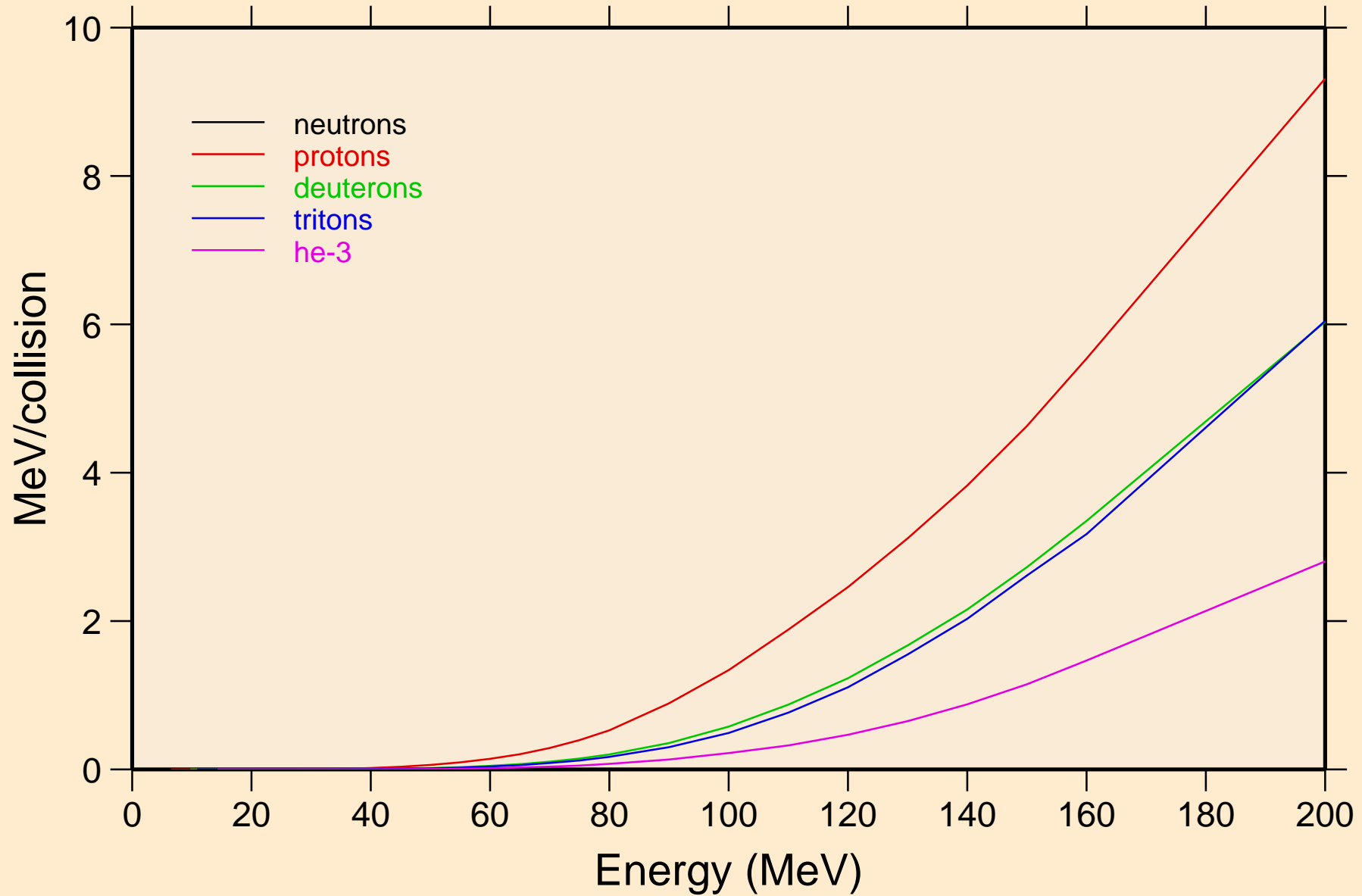
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

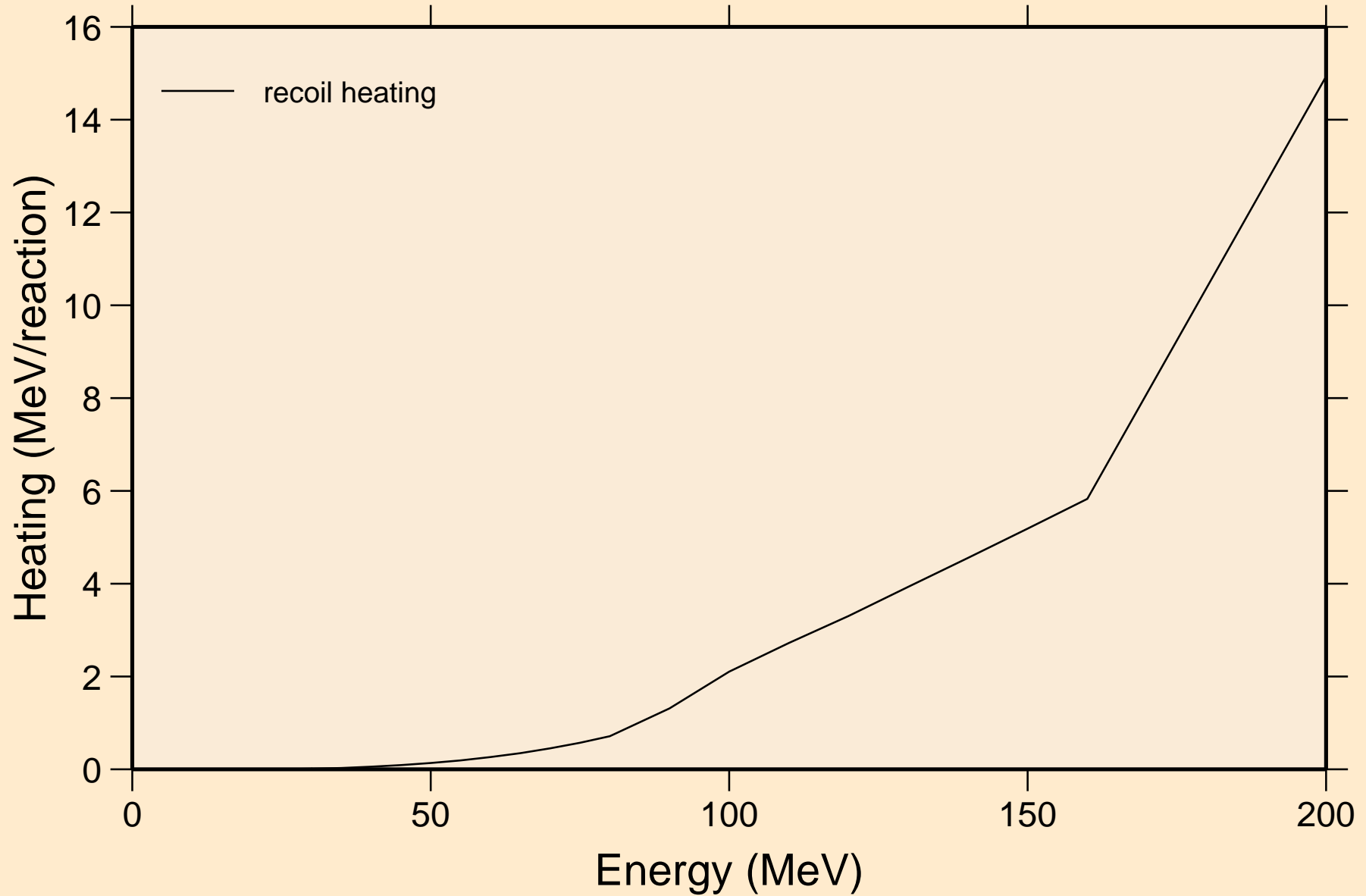


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

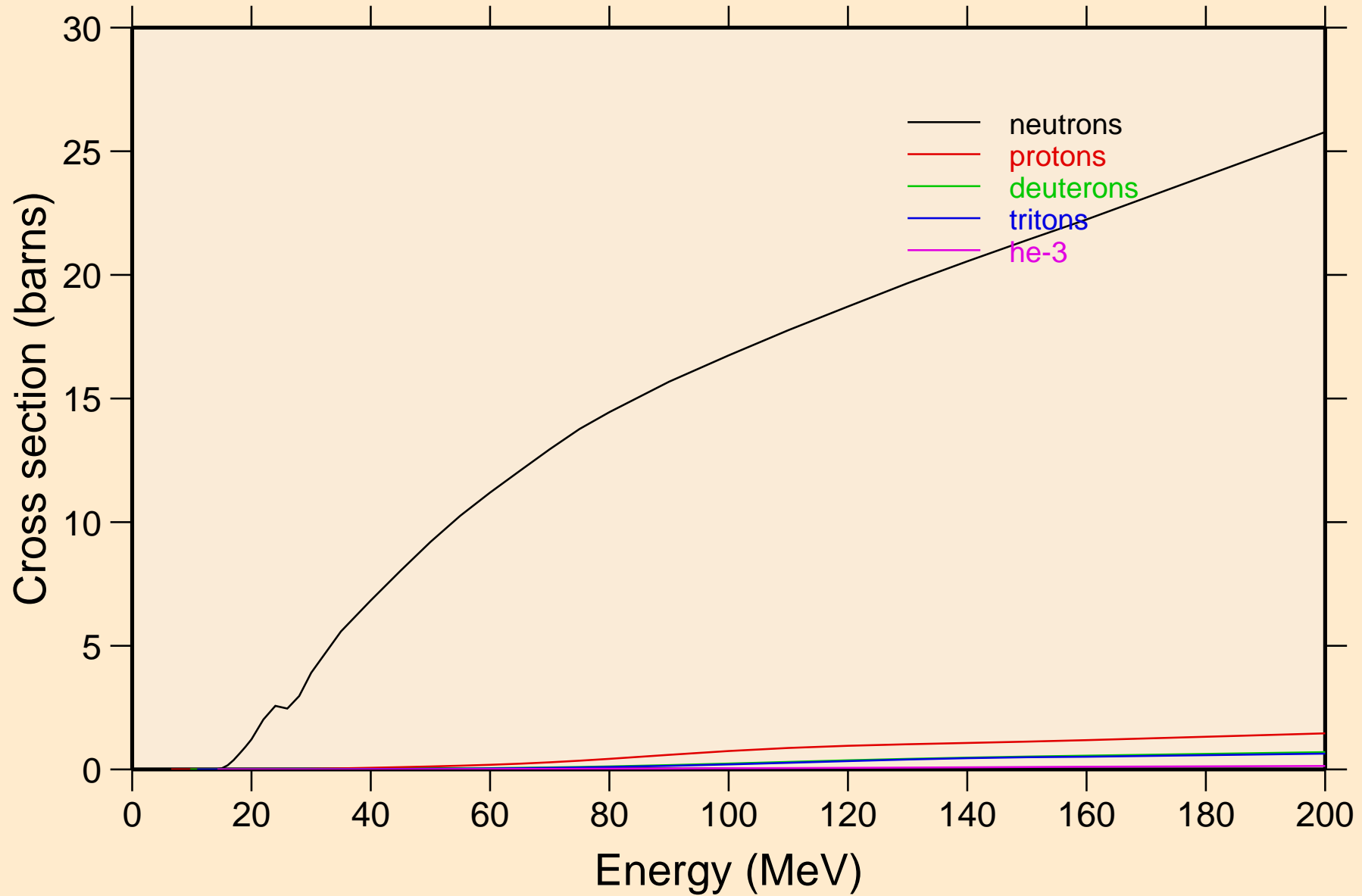


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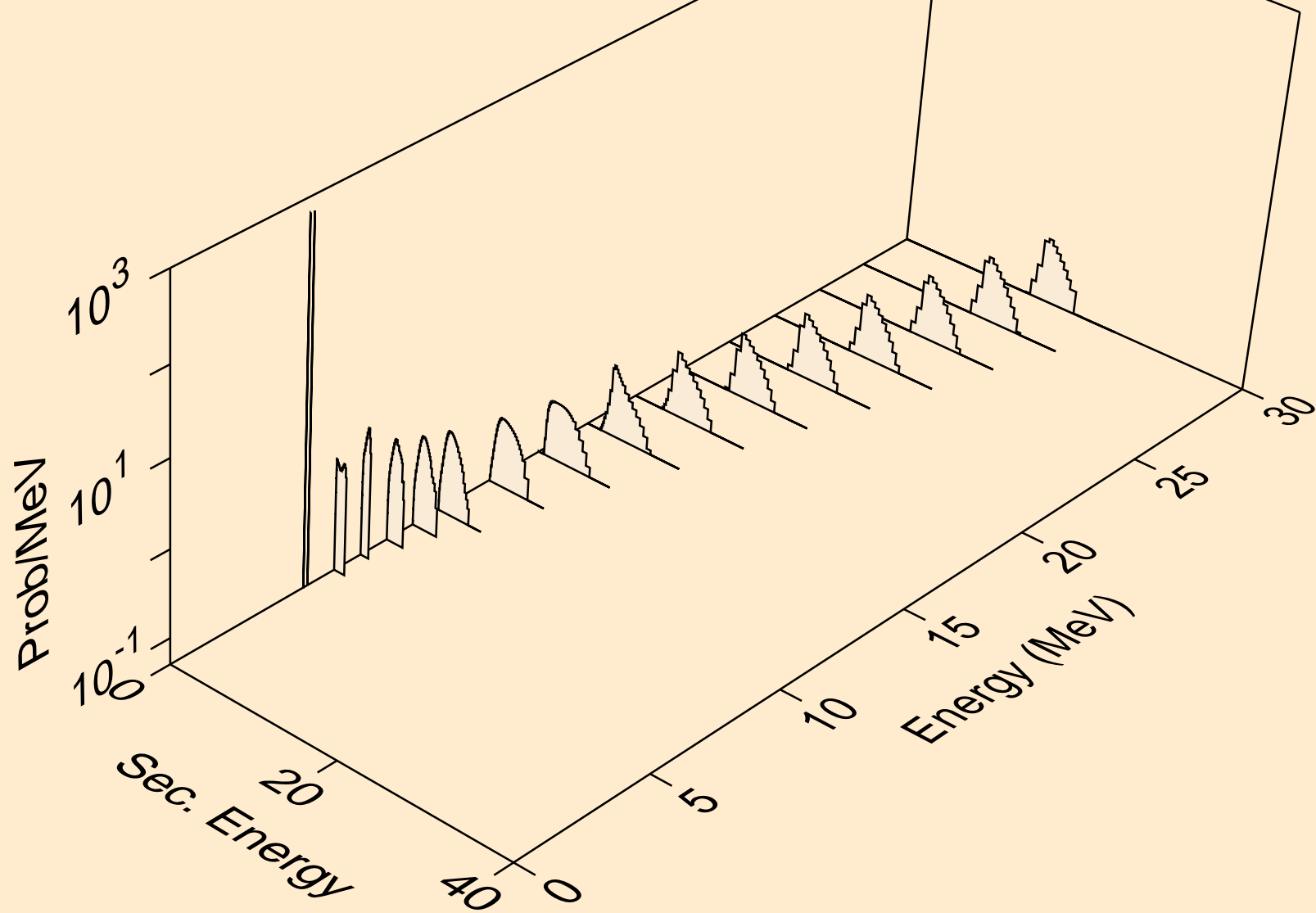
### Recoil Heating



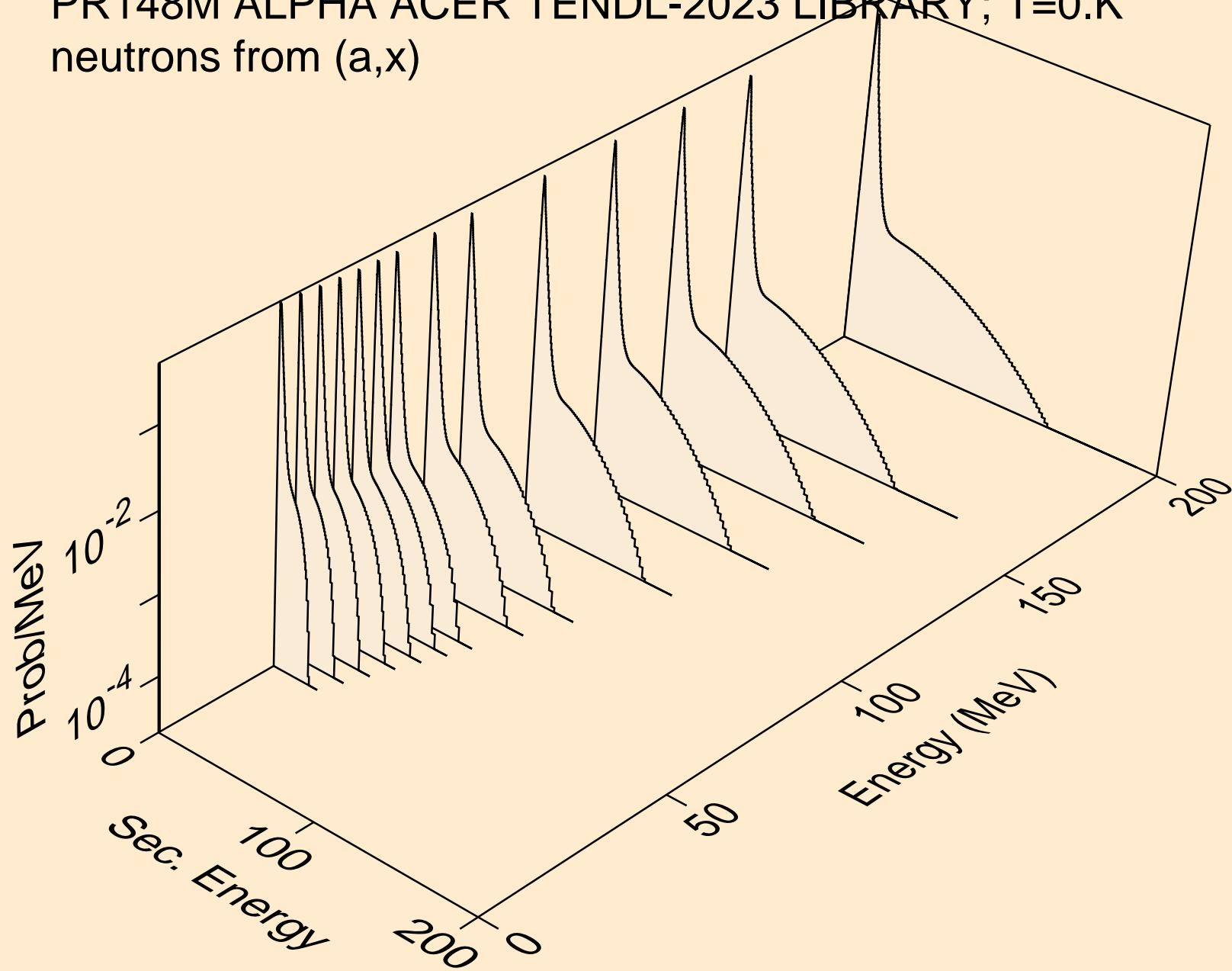
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

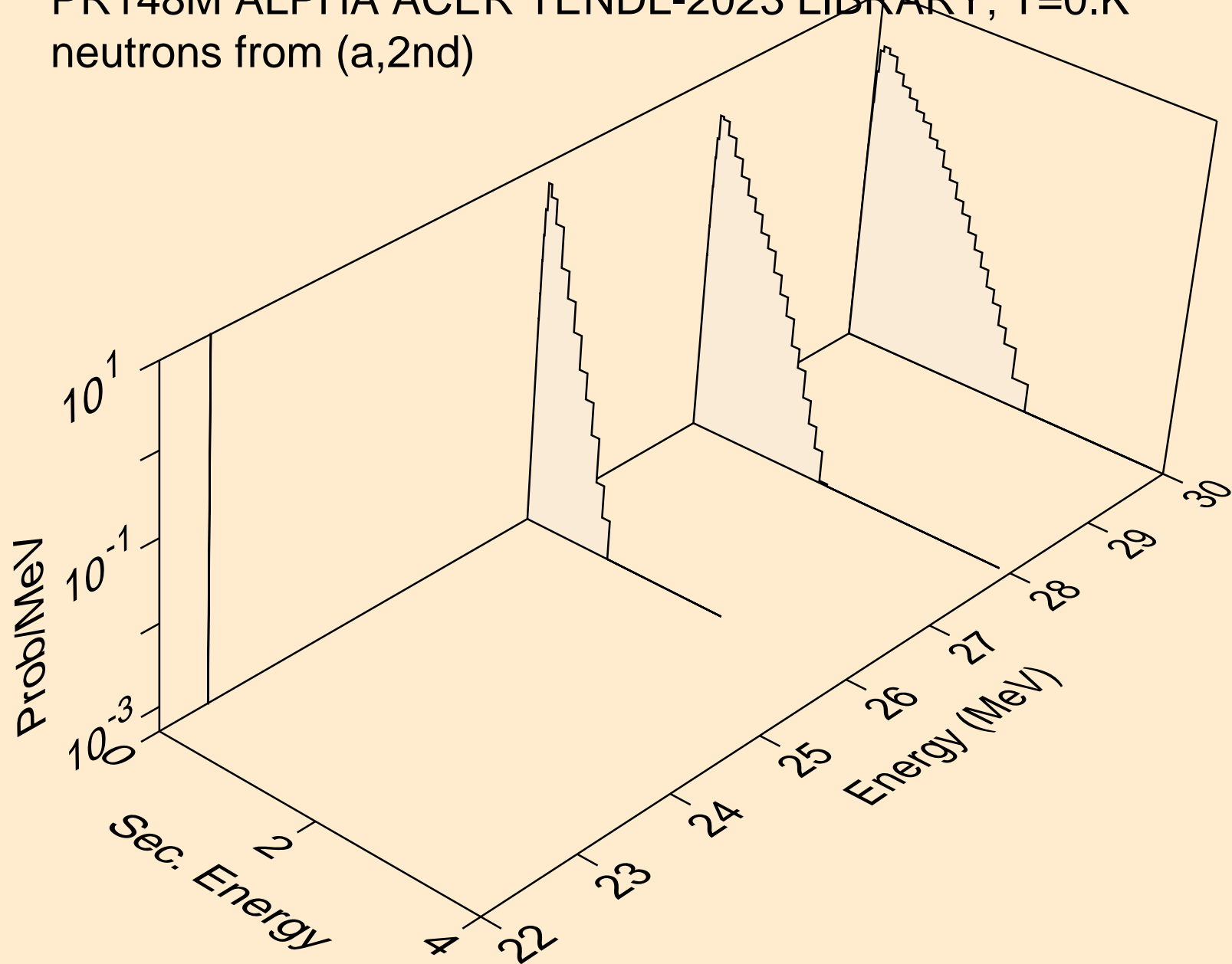


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

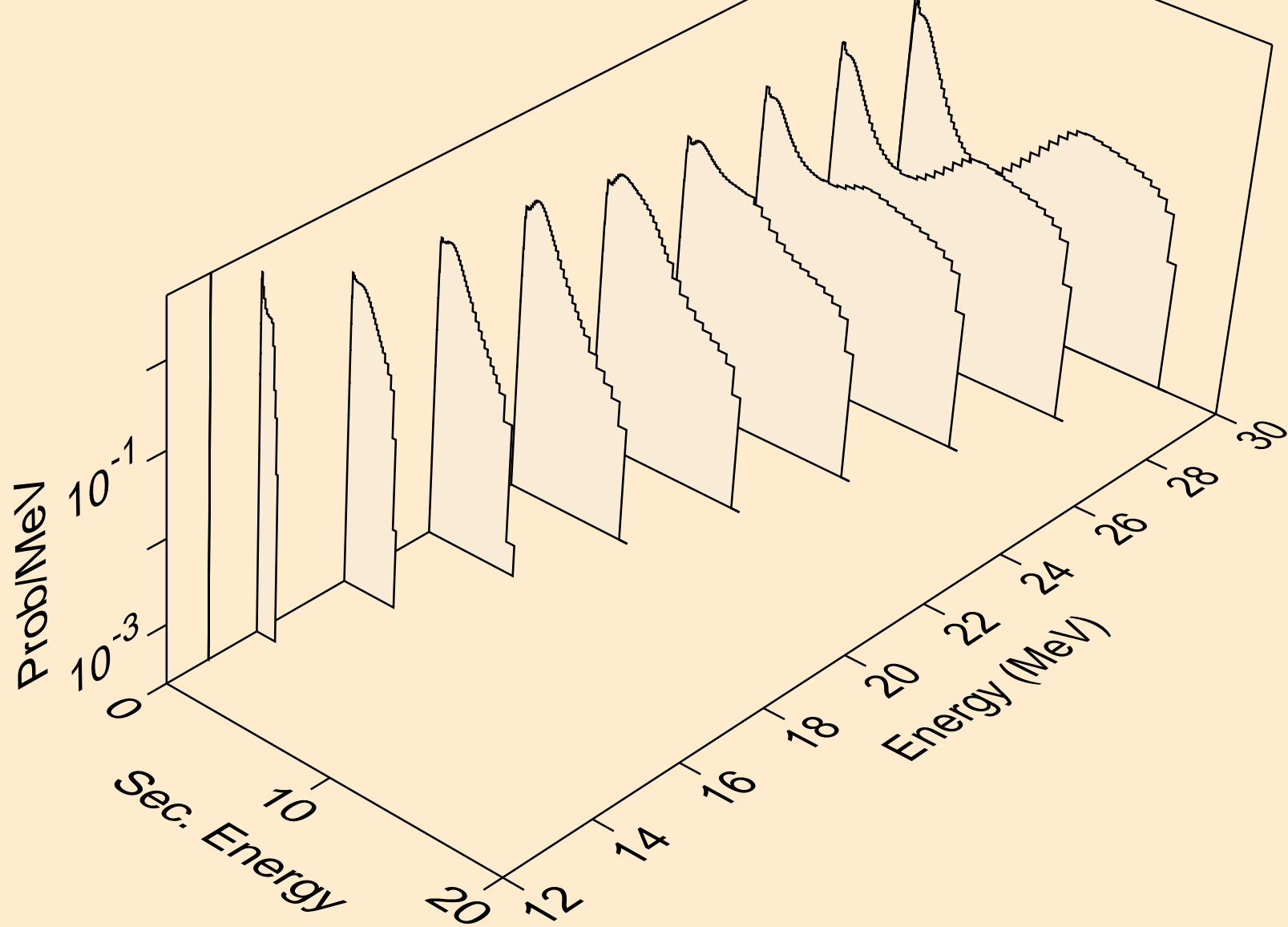




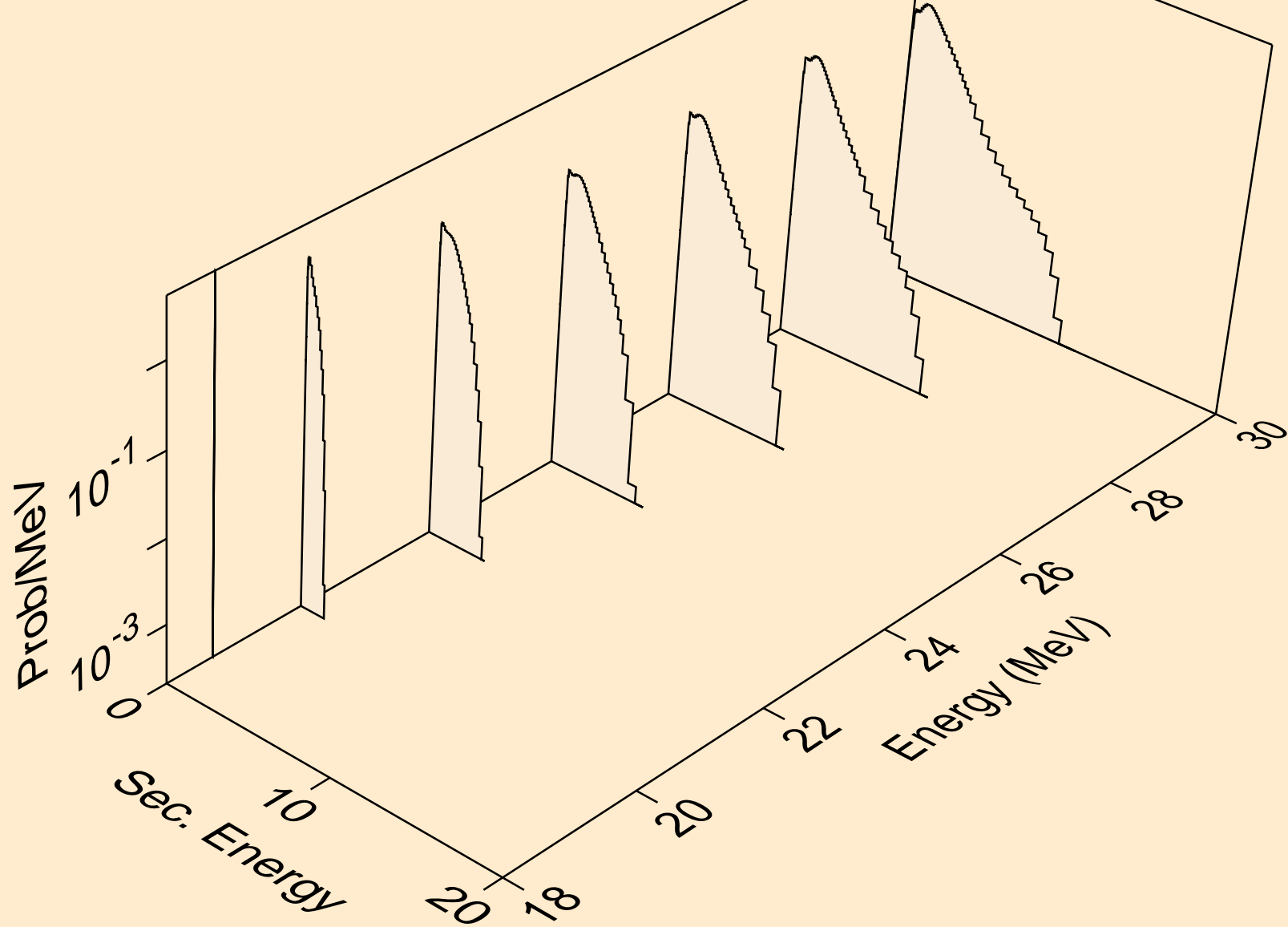
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



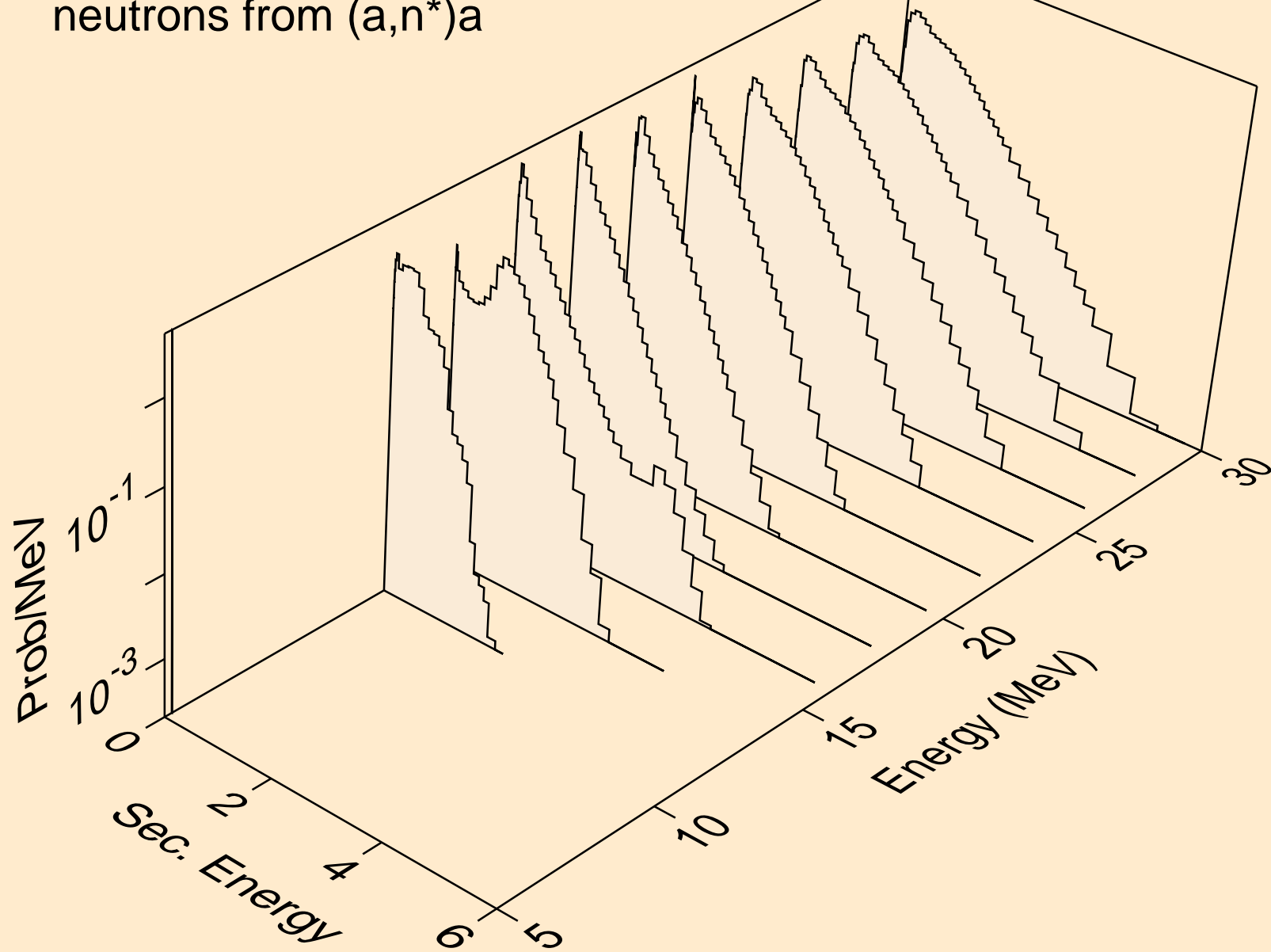
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



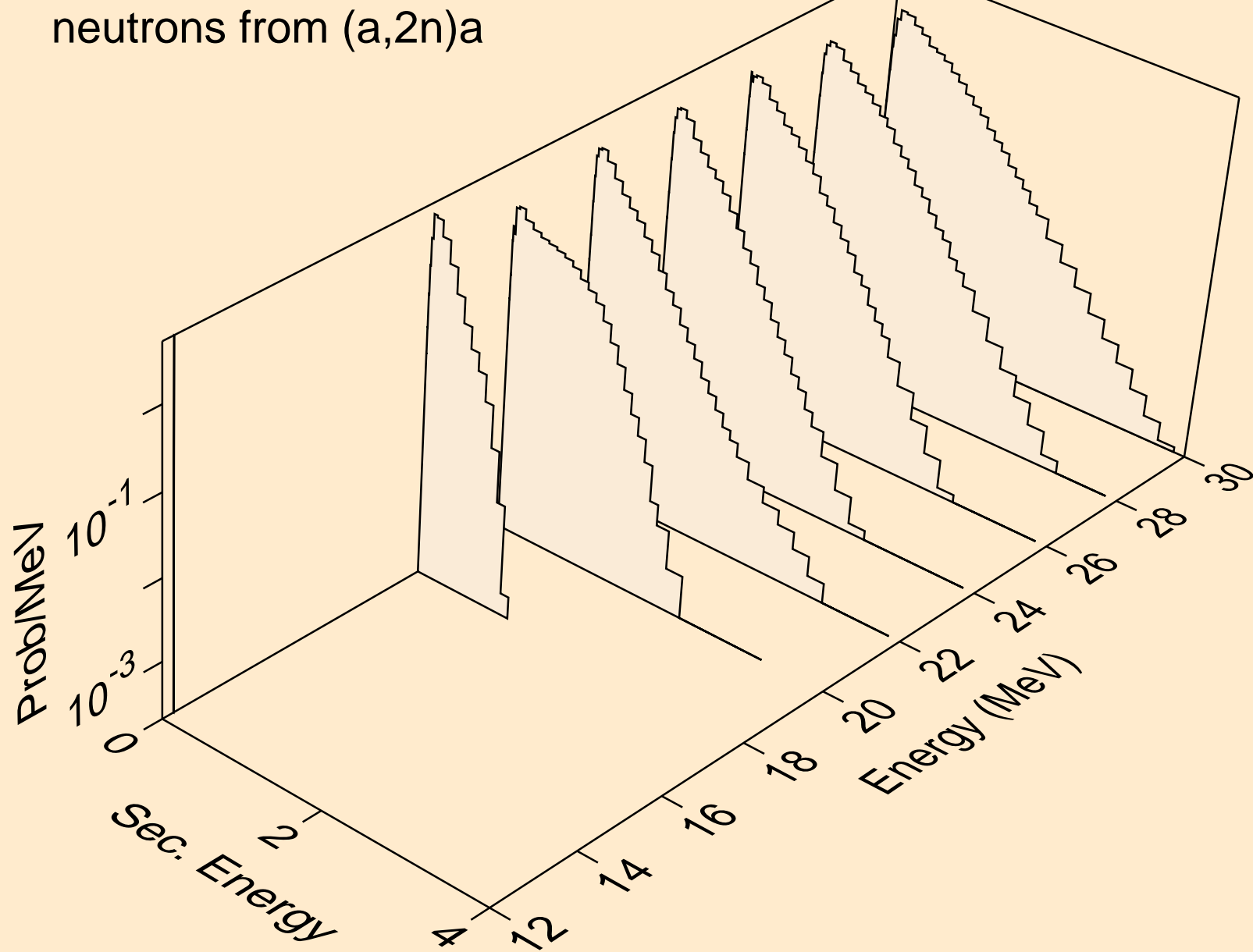
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



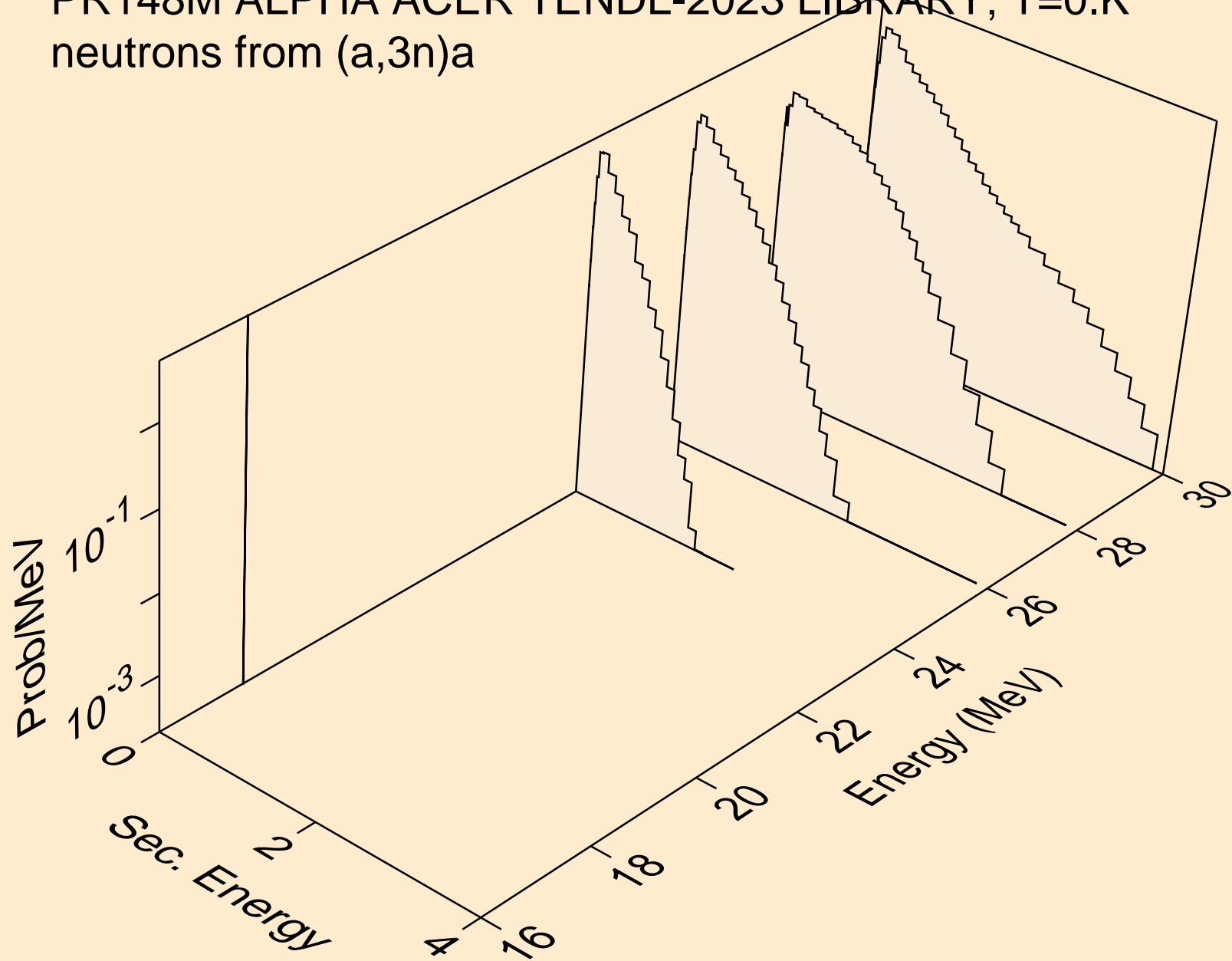
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



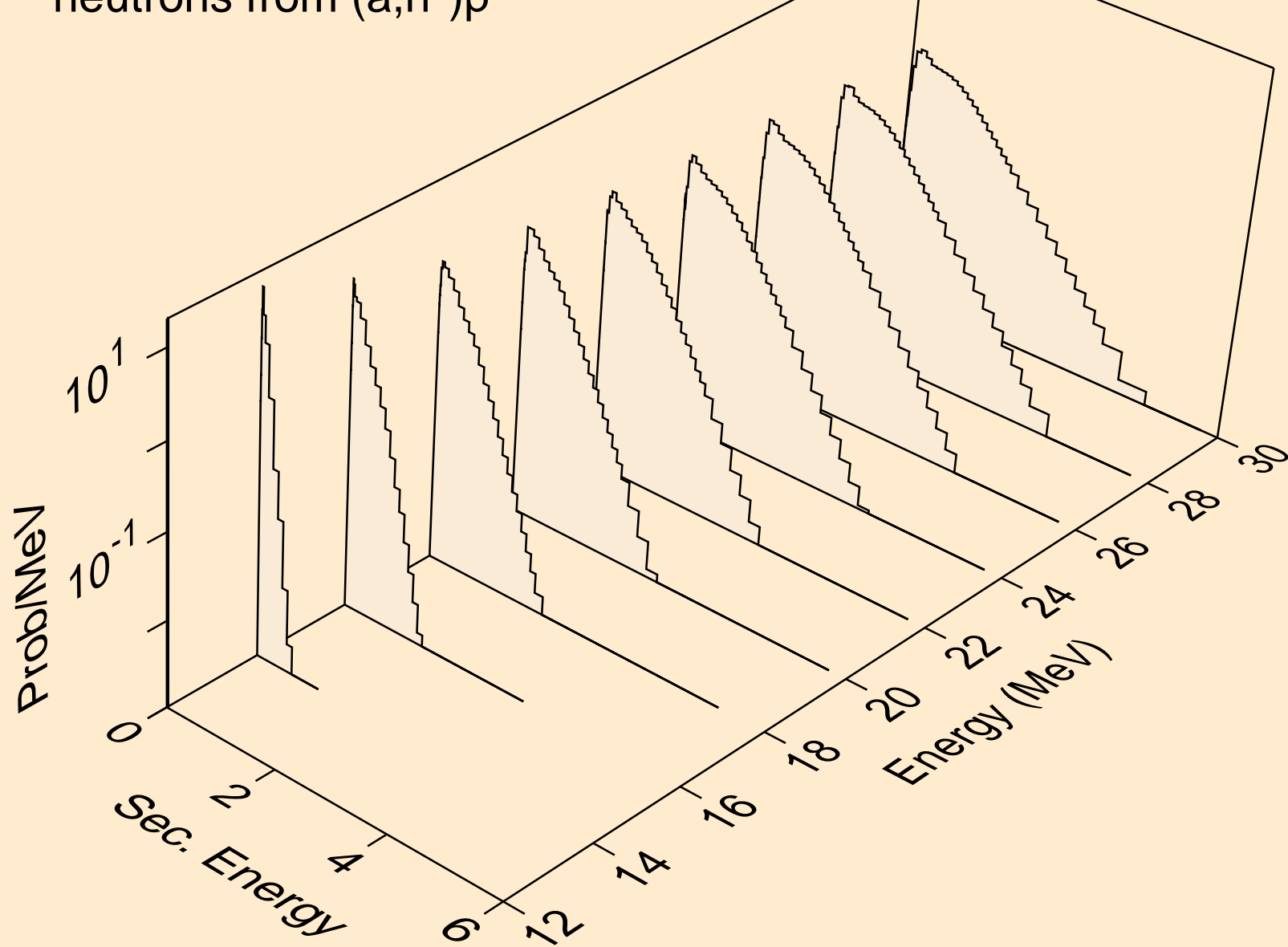
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



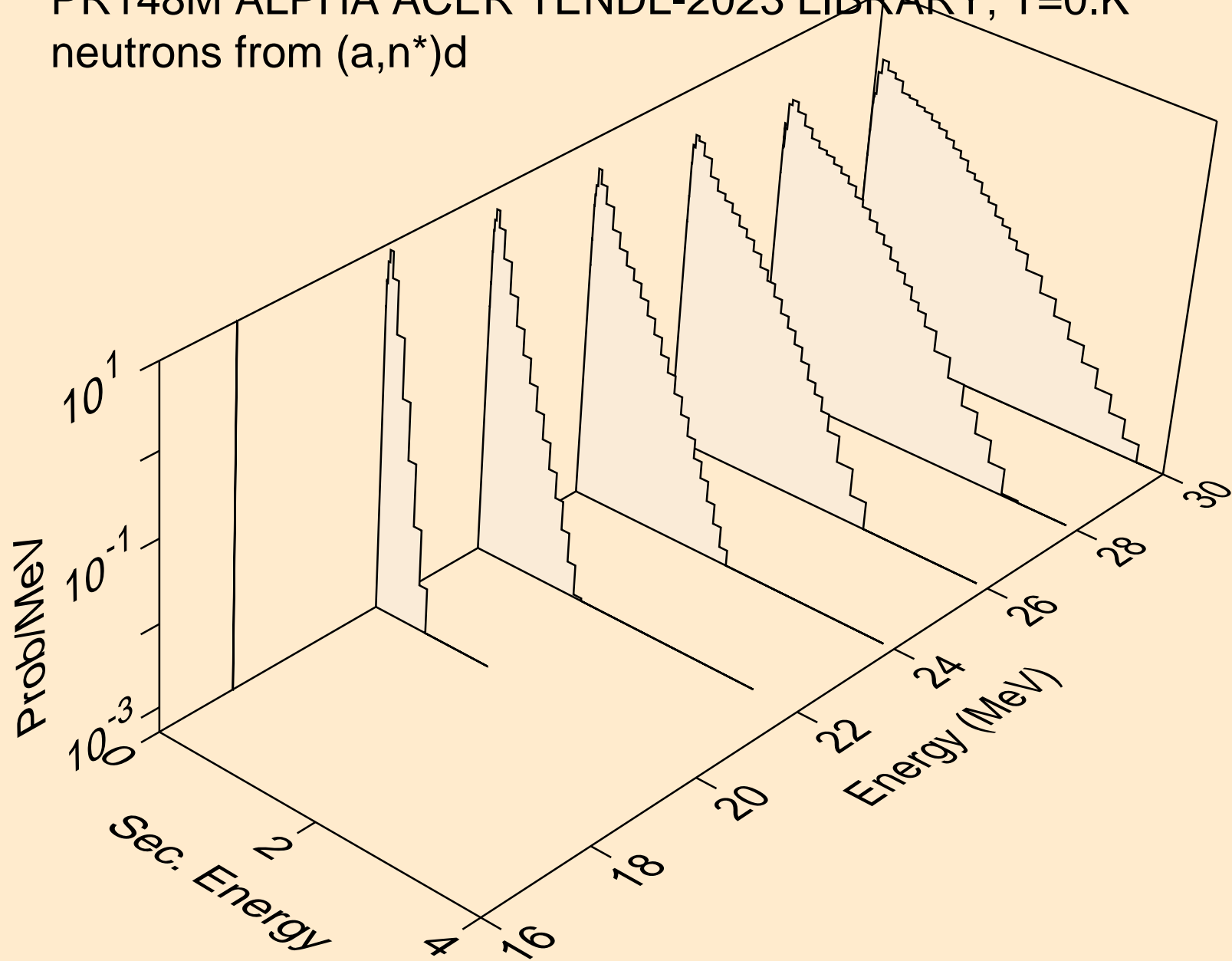
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

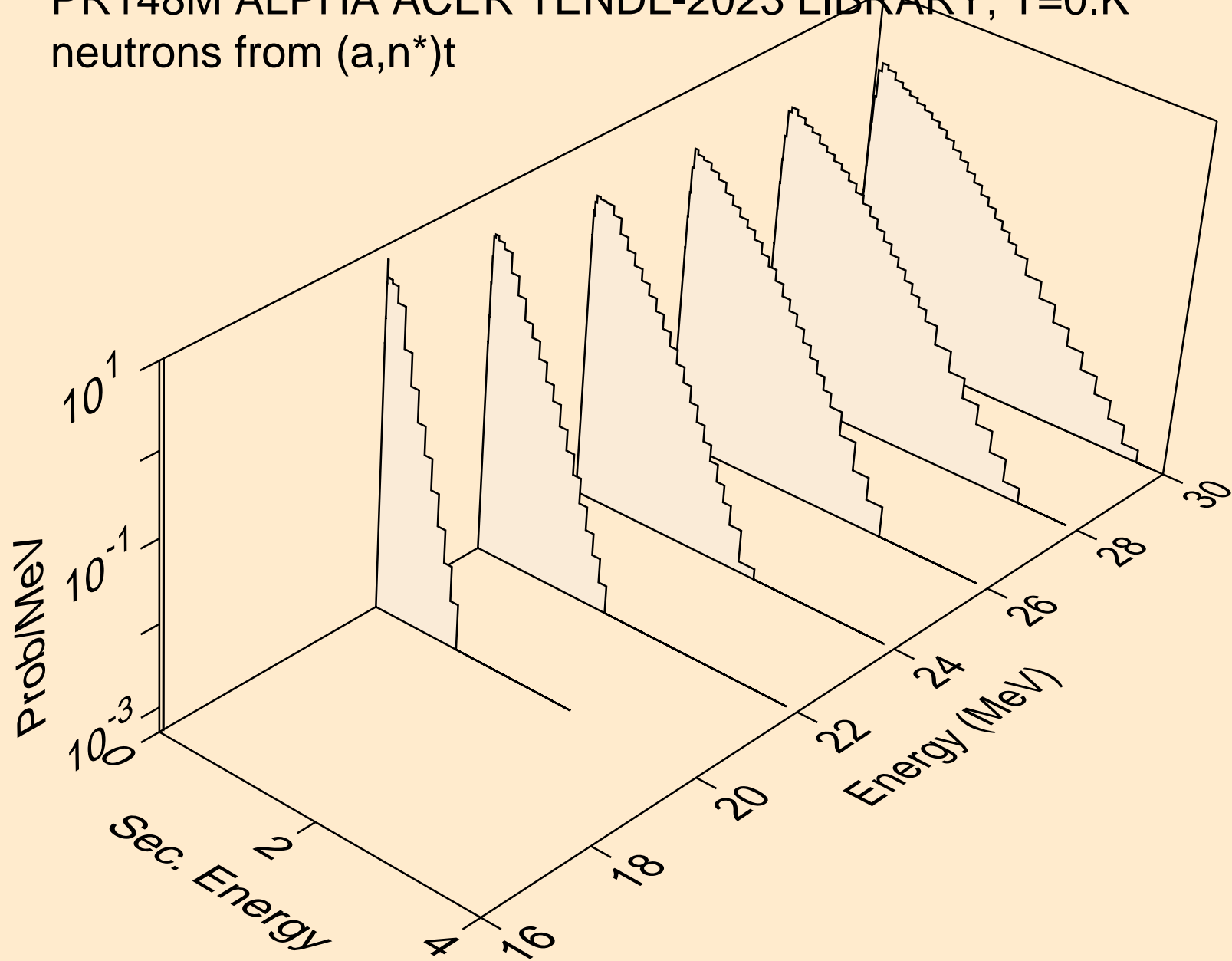


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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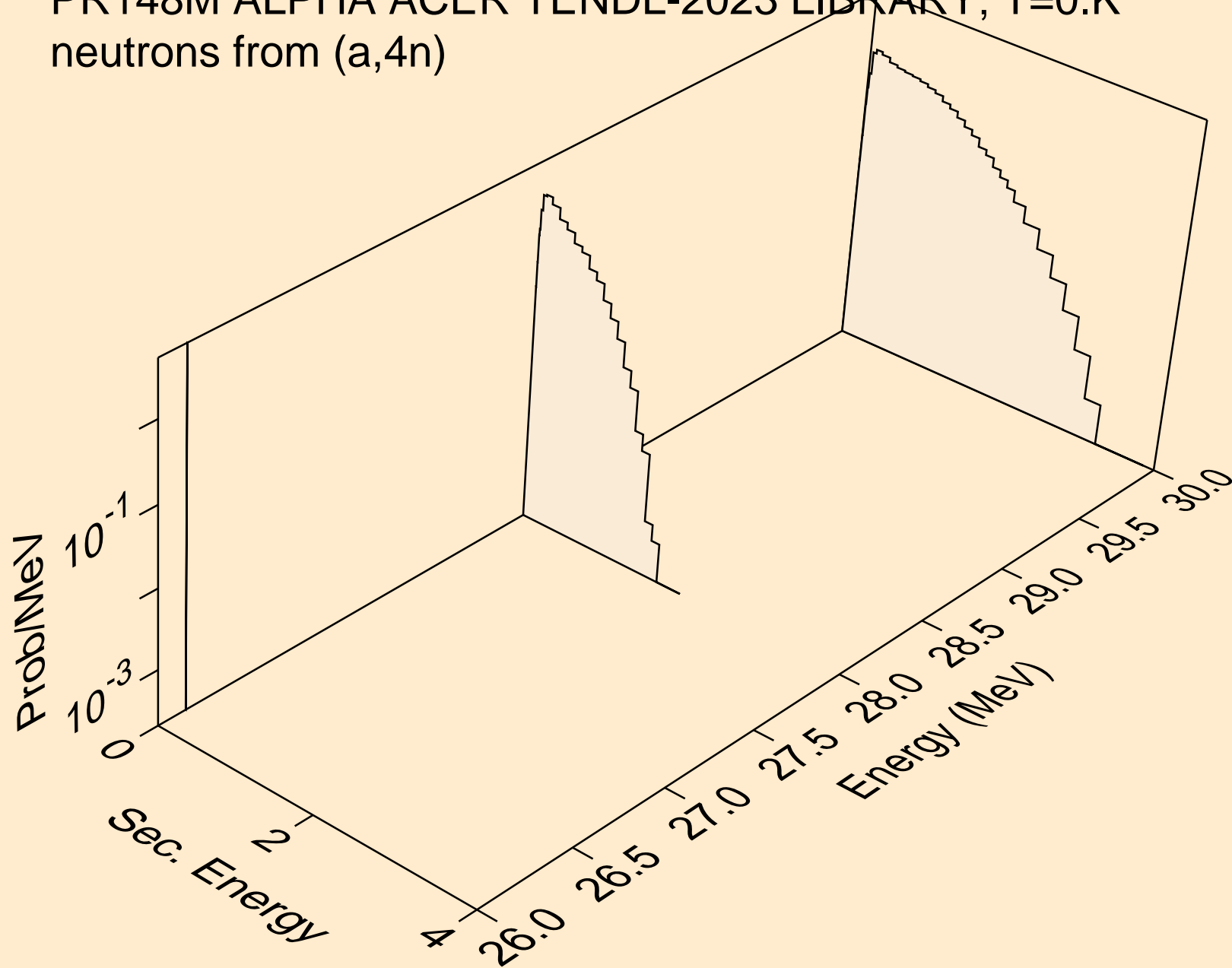




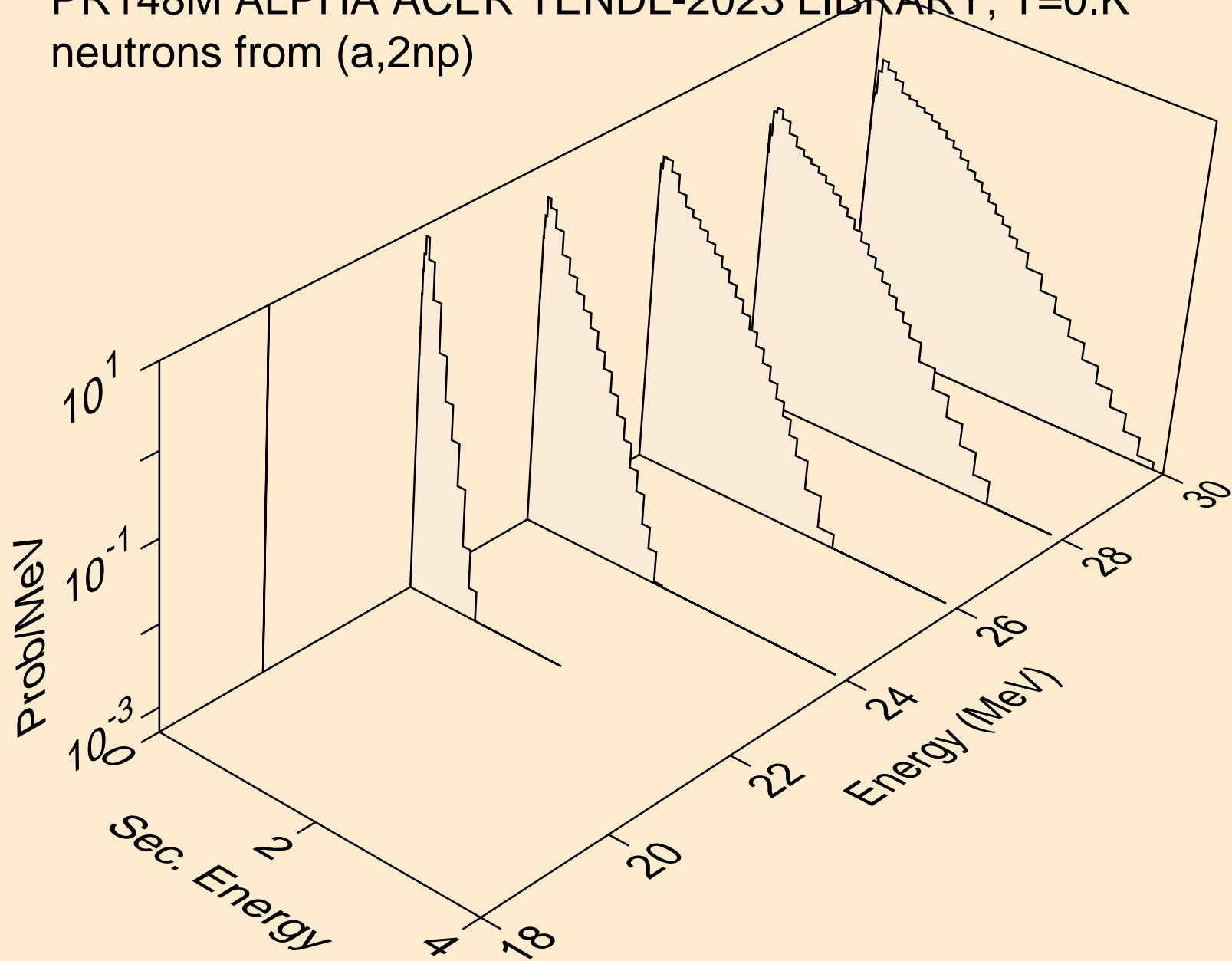
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



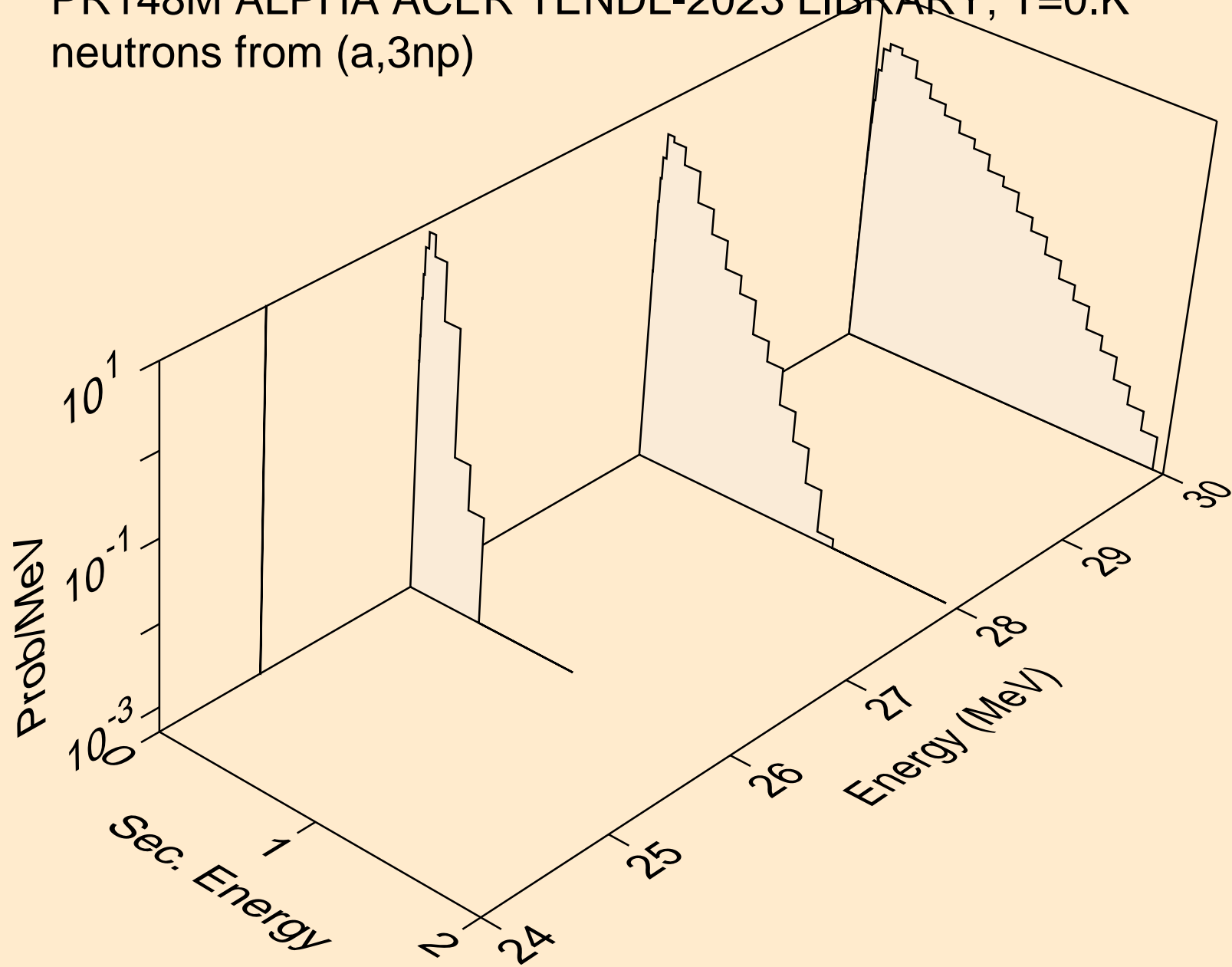
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



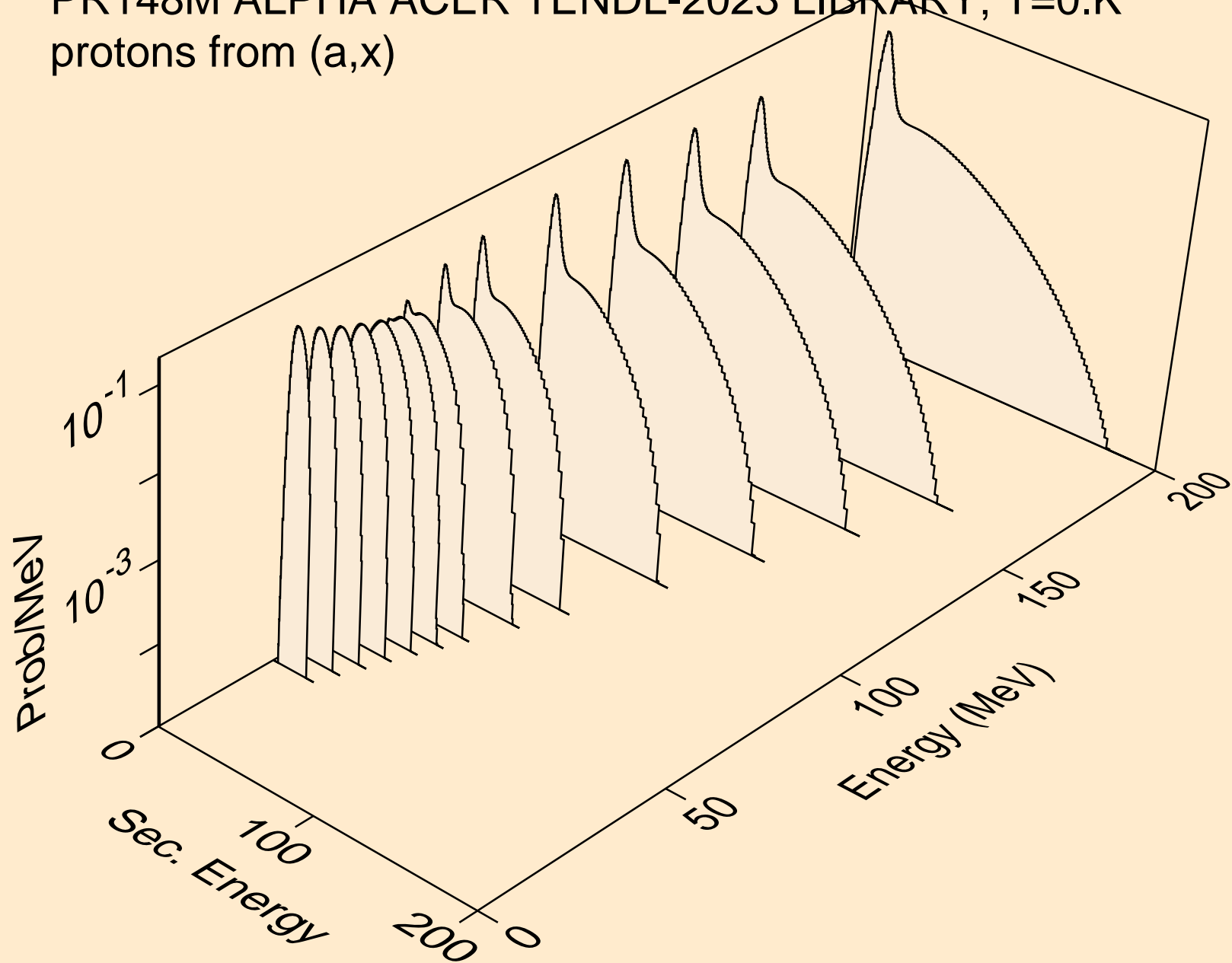
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neutrons from (a,2np)



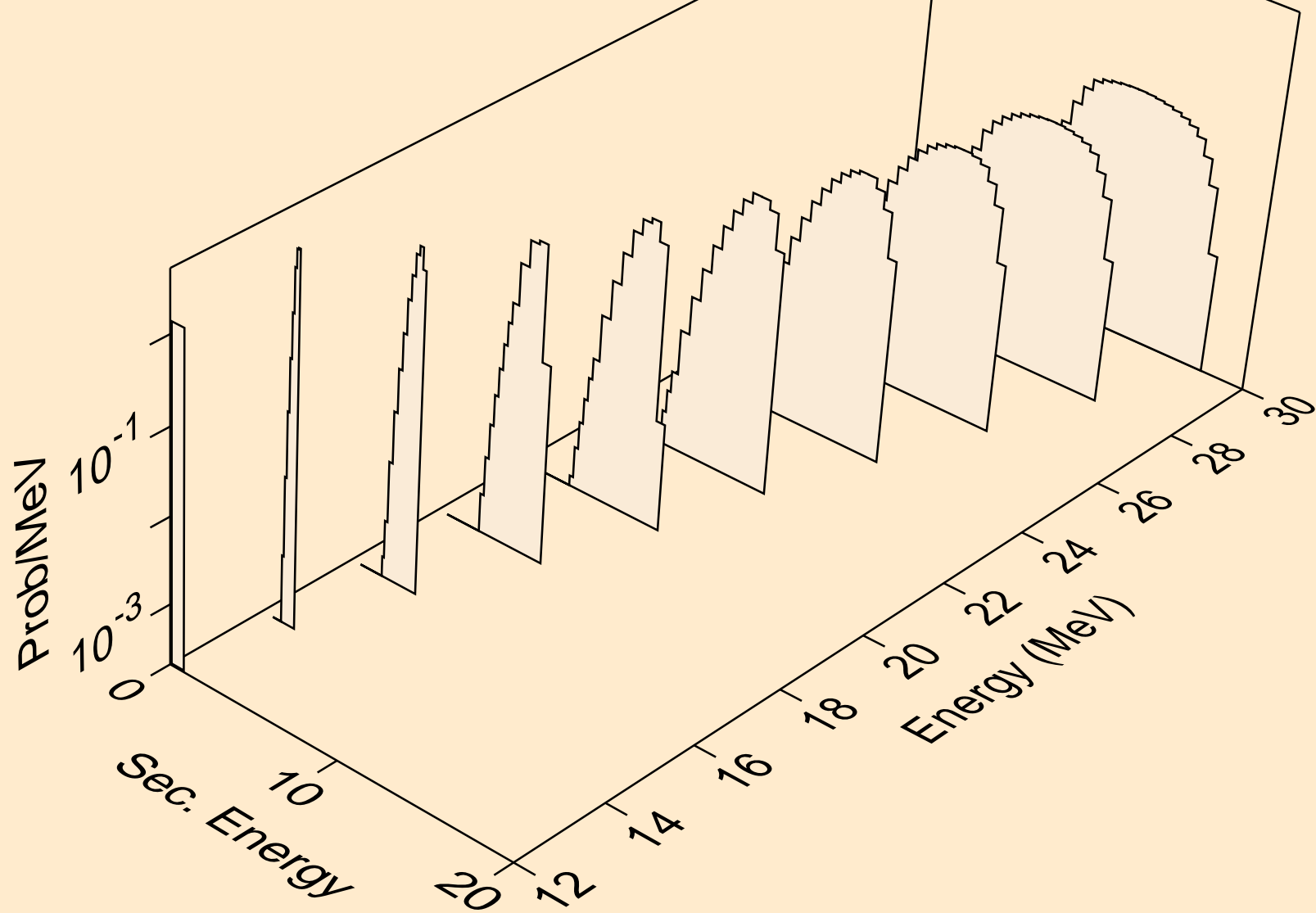
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neutrons from (a,3np)



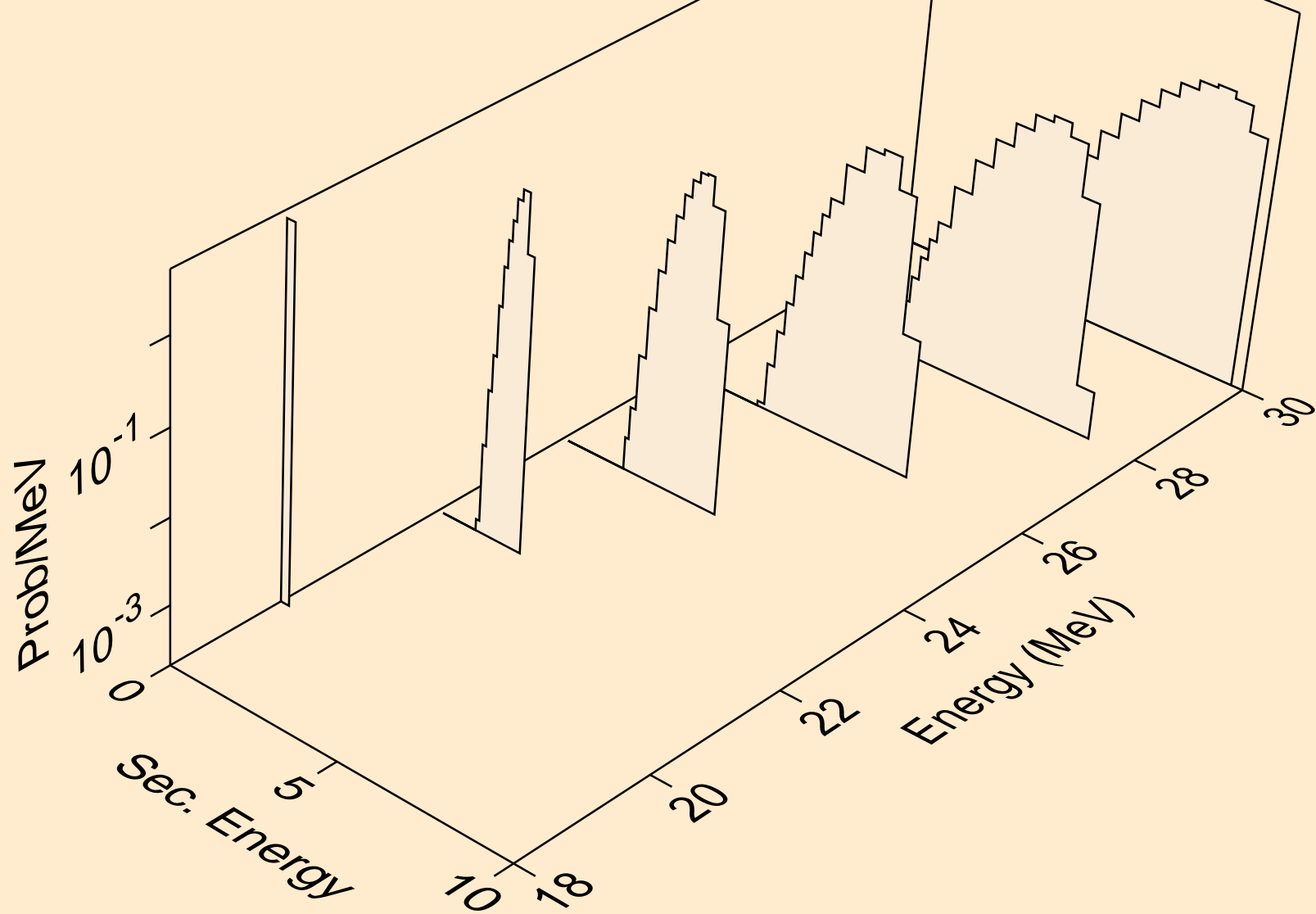
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protons from (a,x)



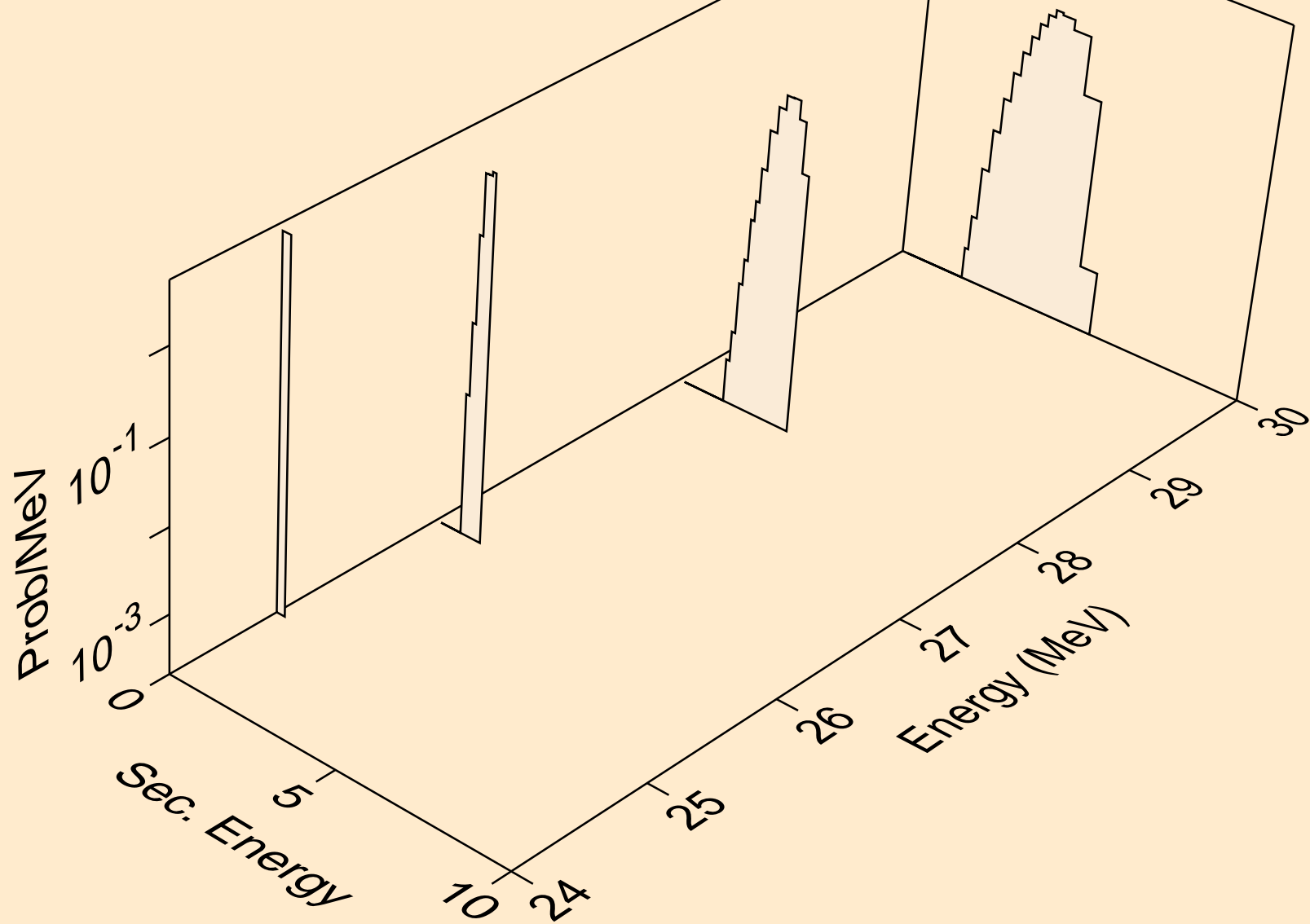
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

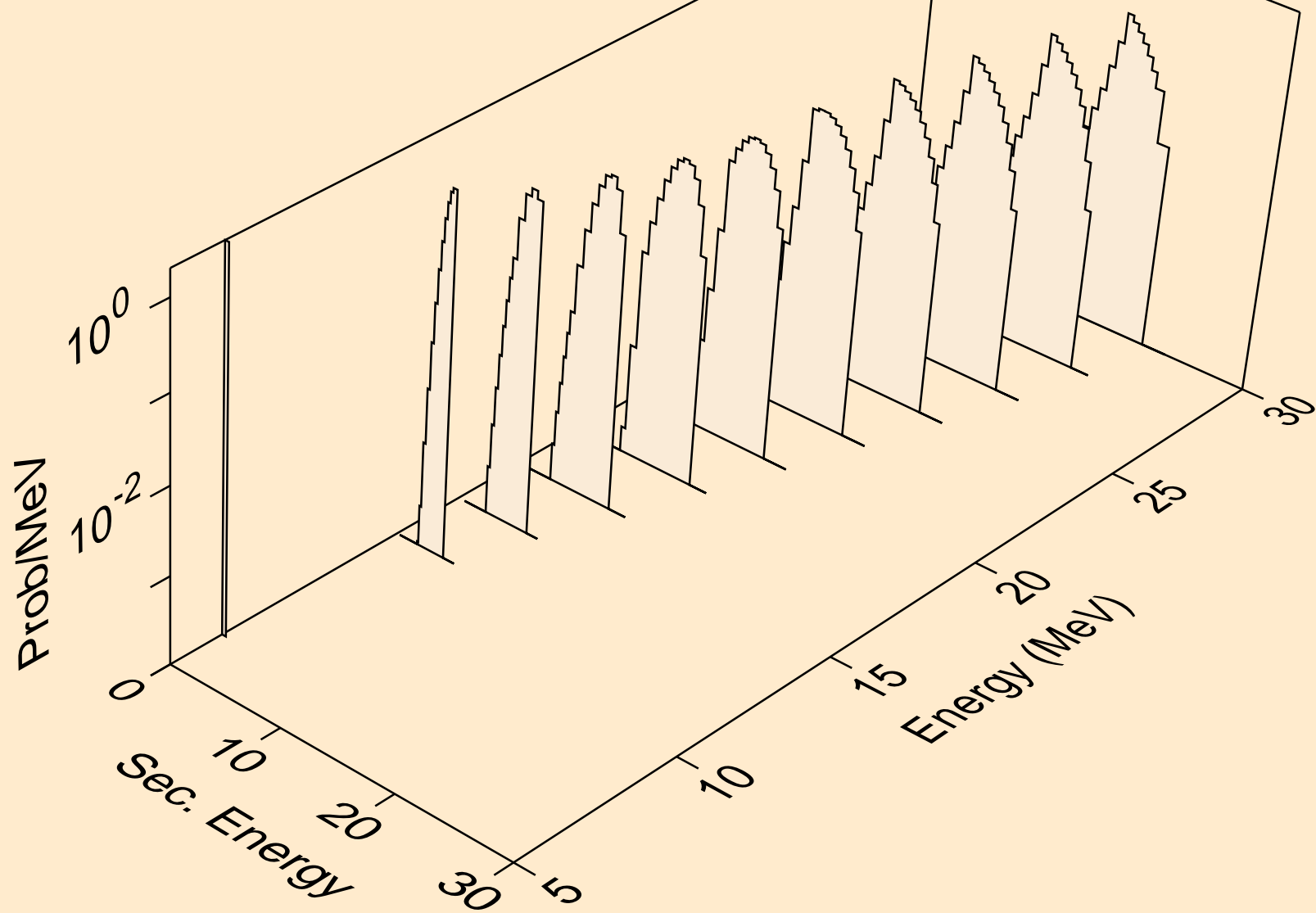


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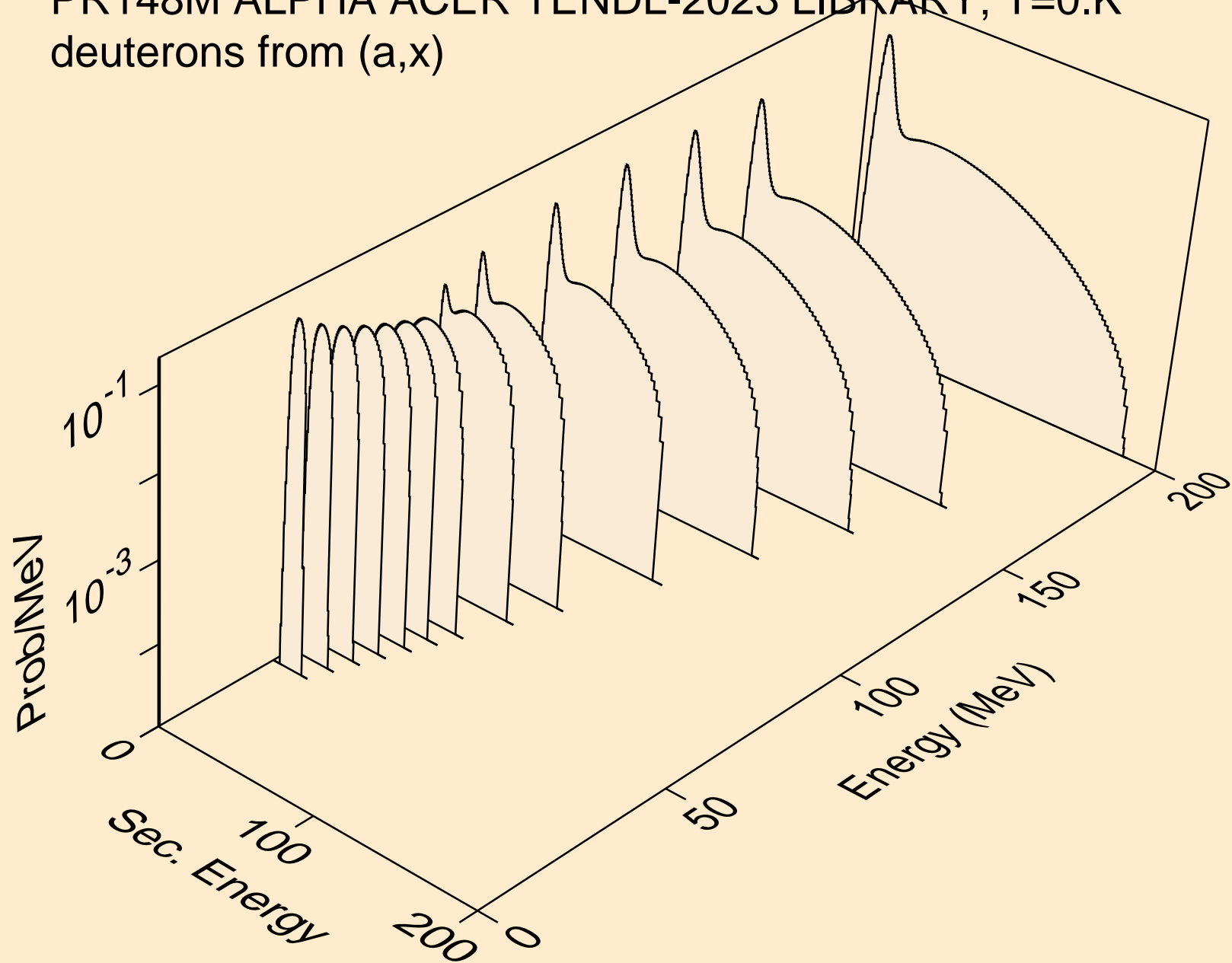




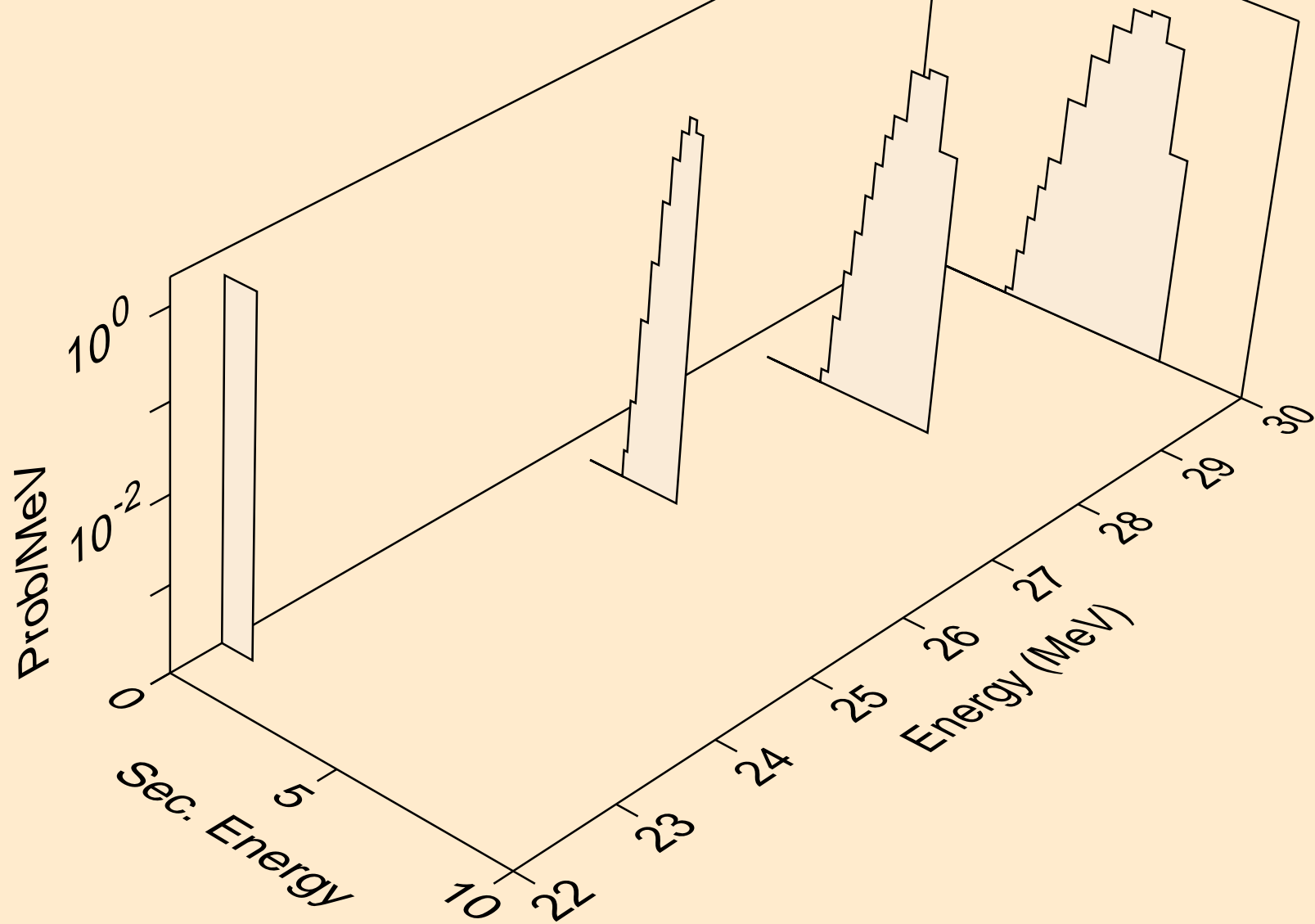
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



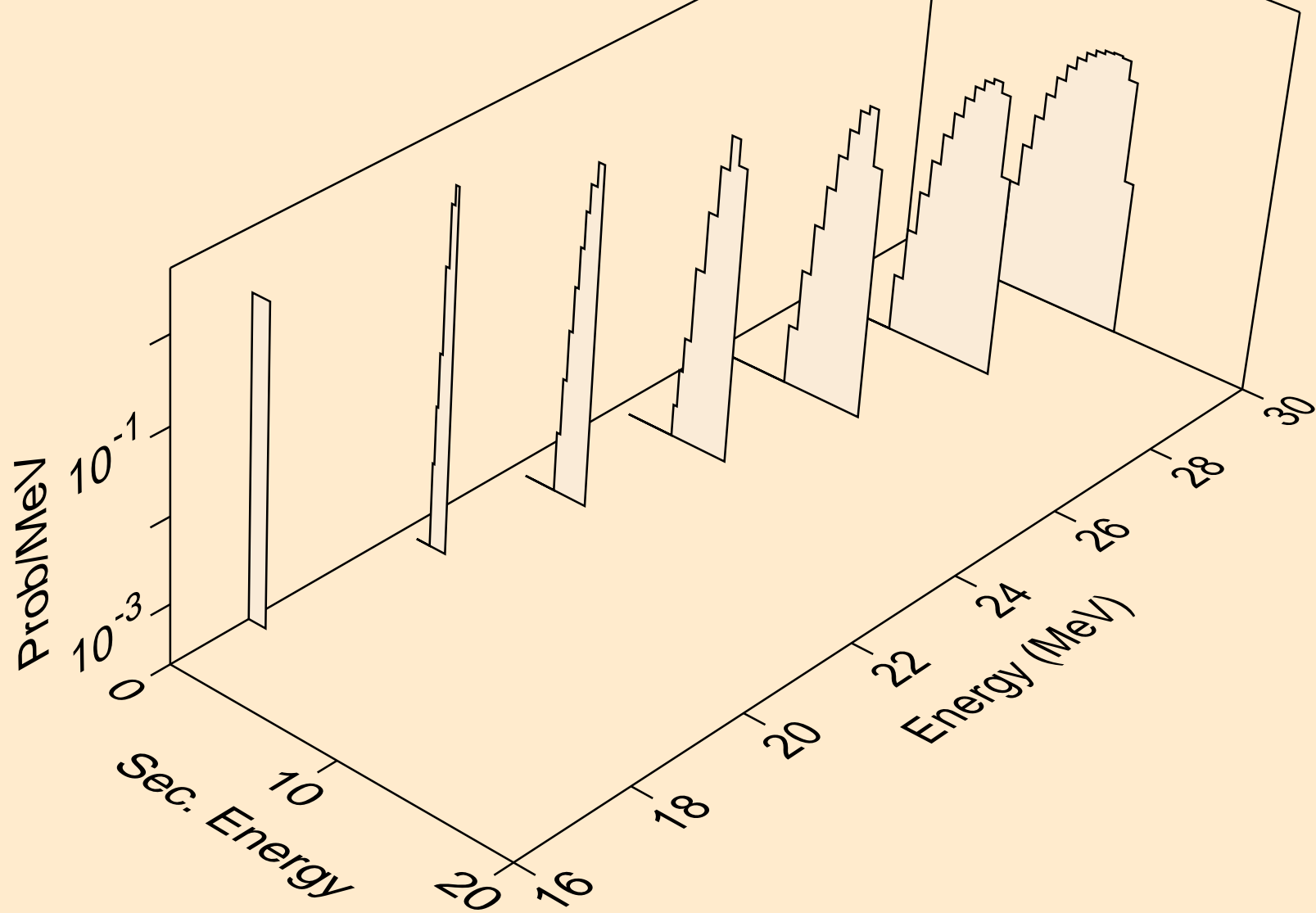
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deuterons from (a,x)



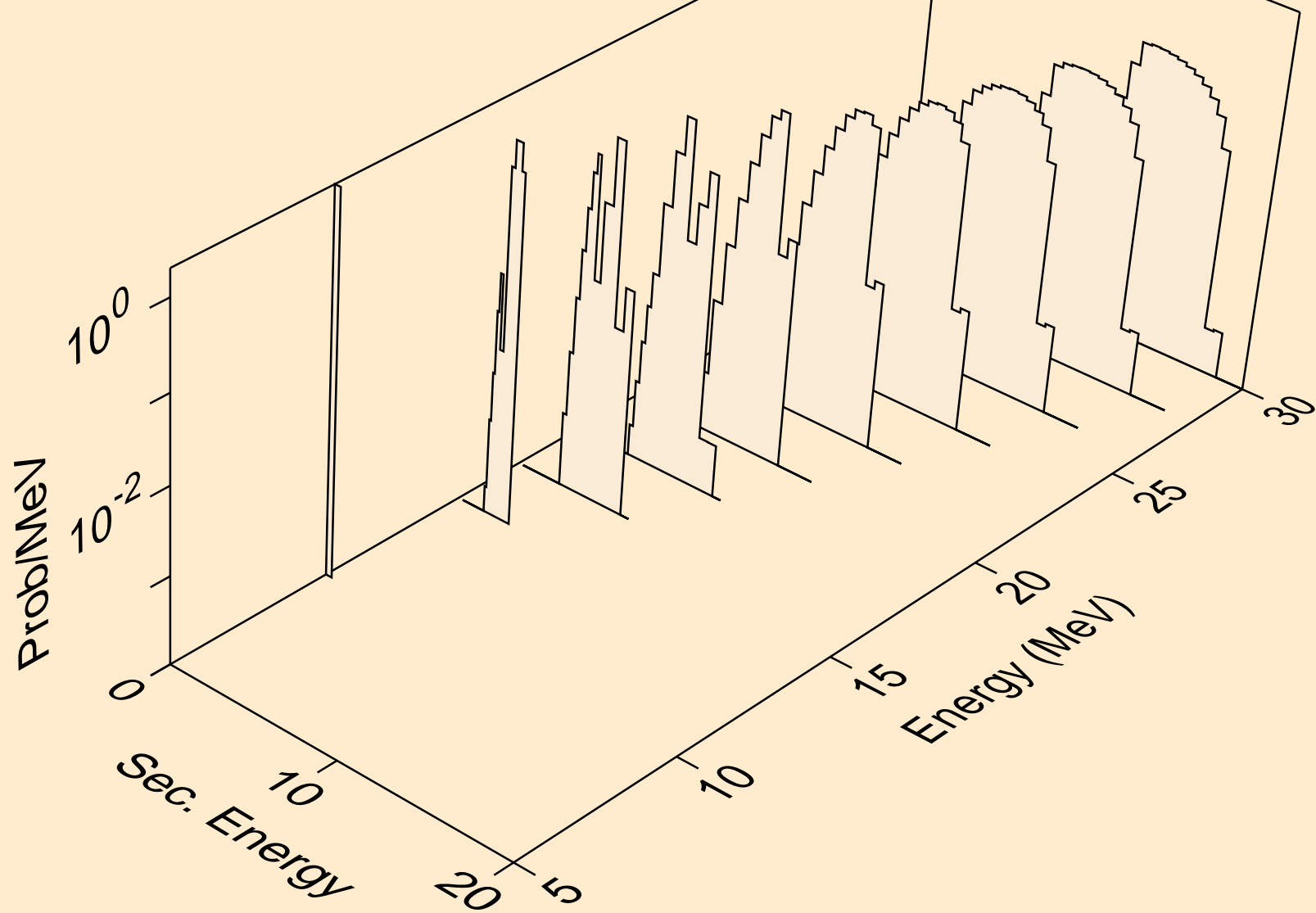
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deuterons from (a,2nd)



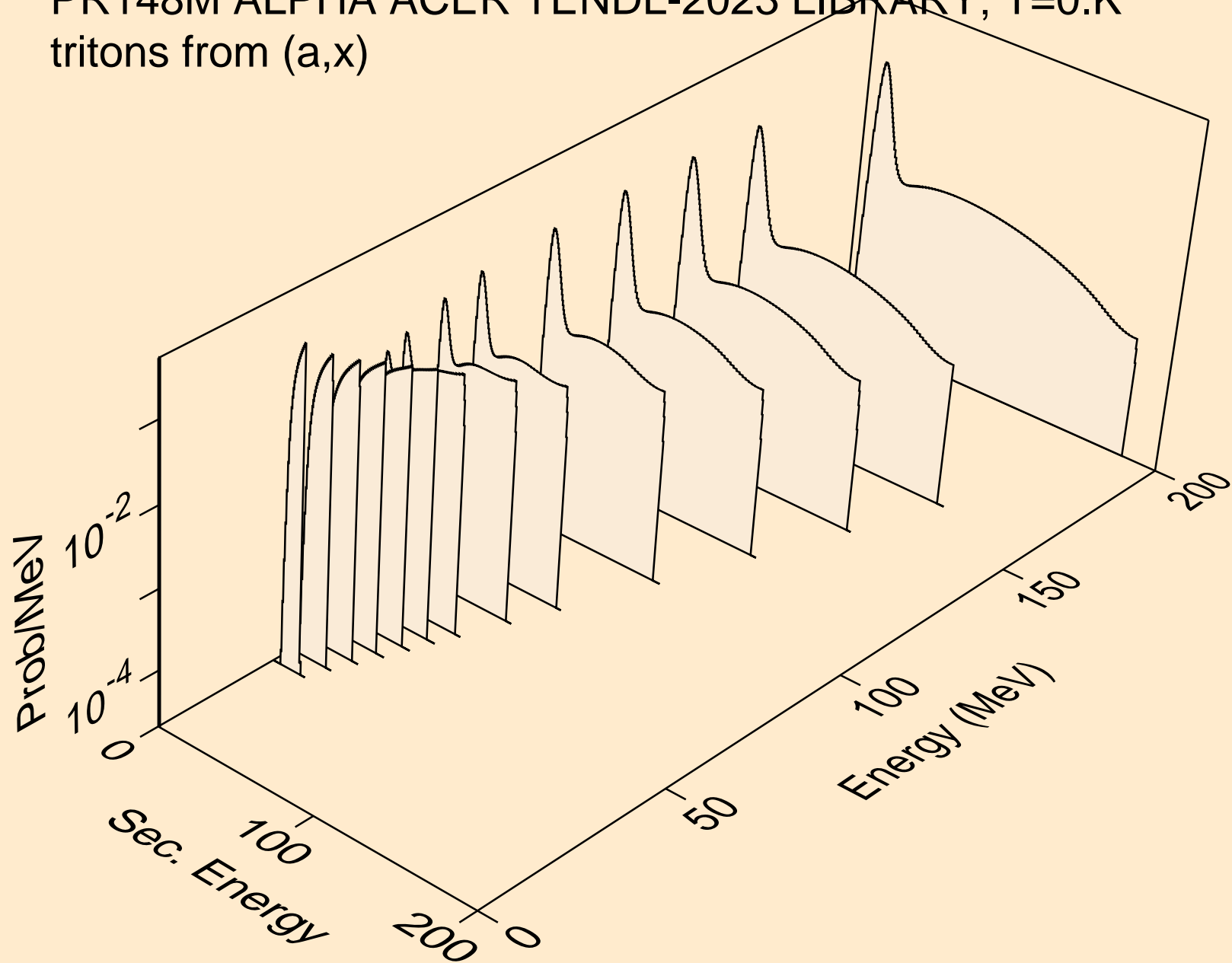
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deuterons from (a,n\*)d



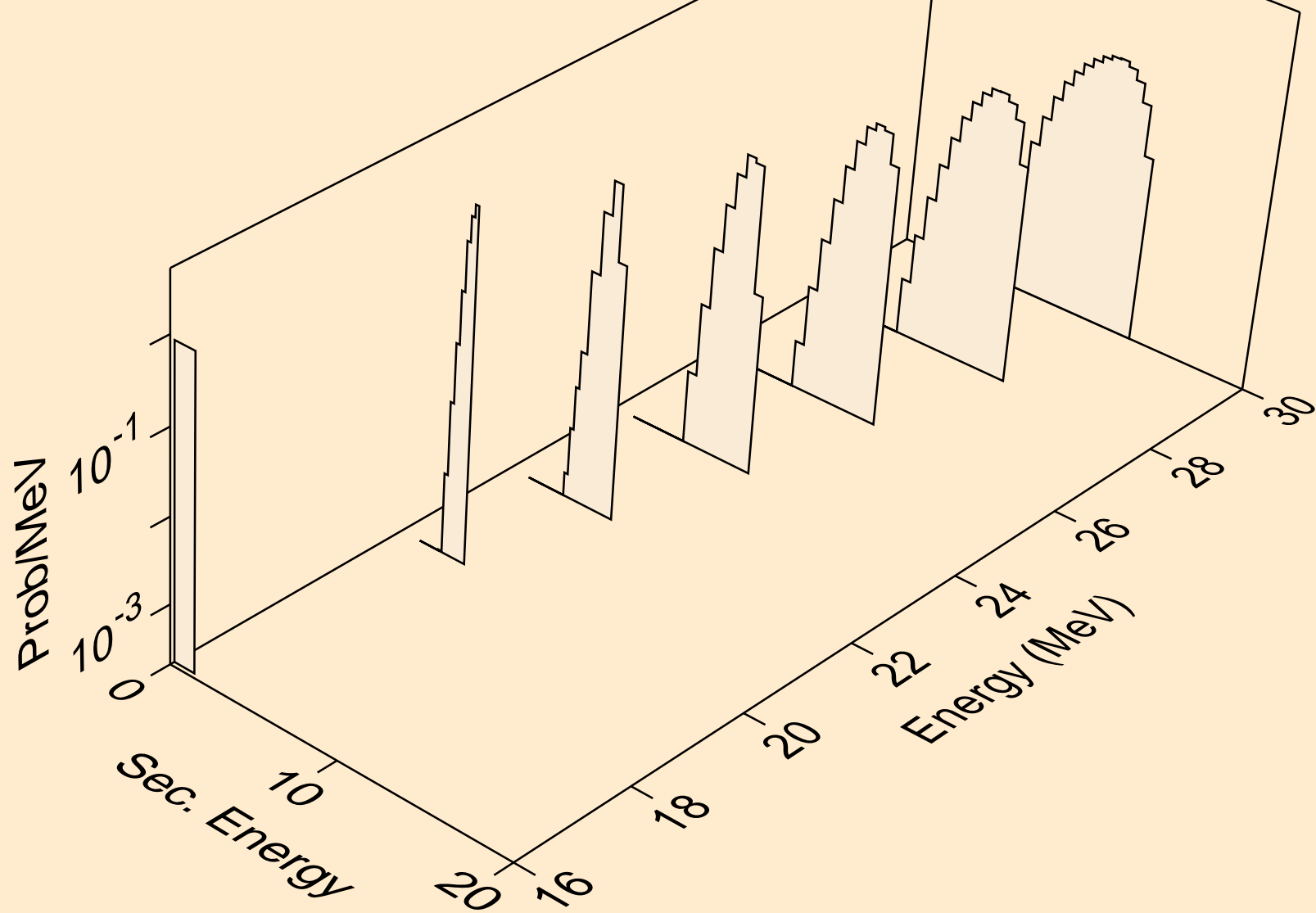
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deuterons from (a,d)



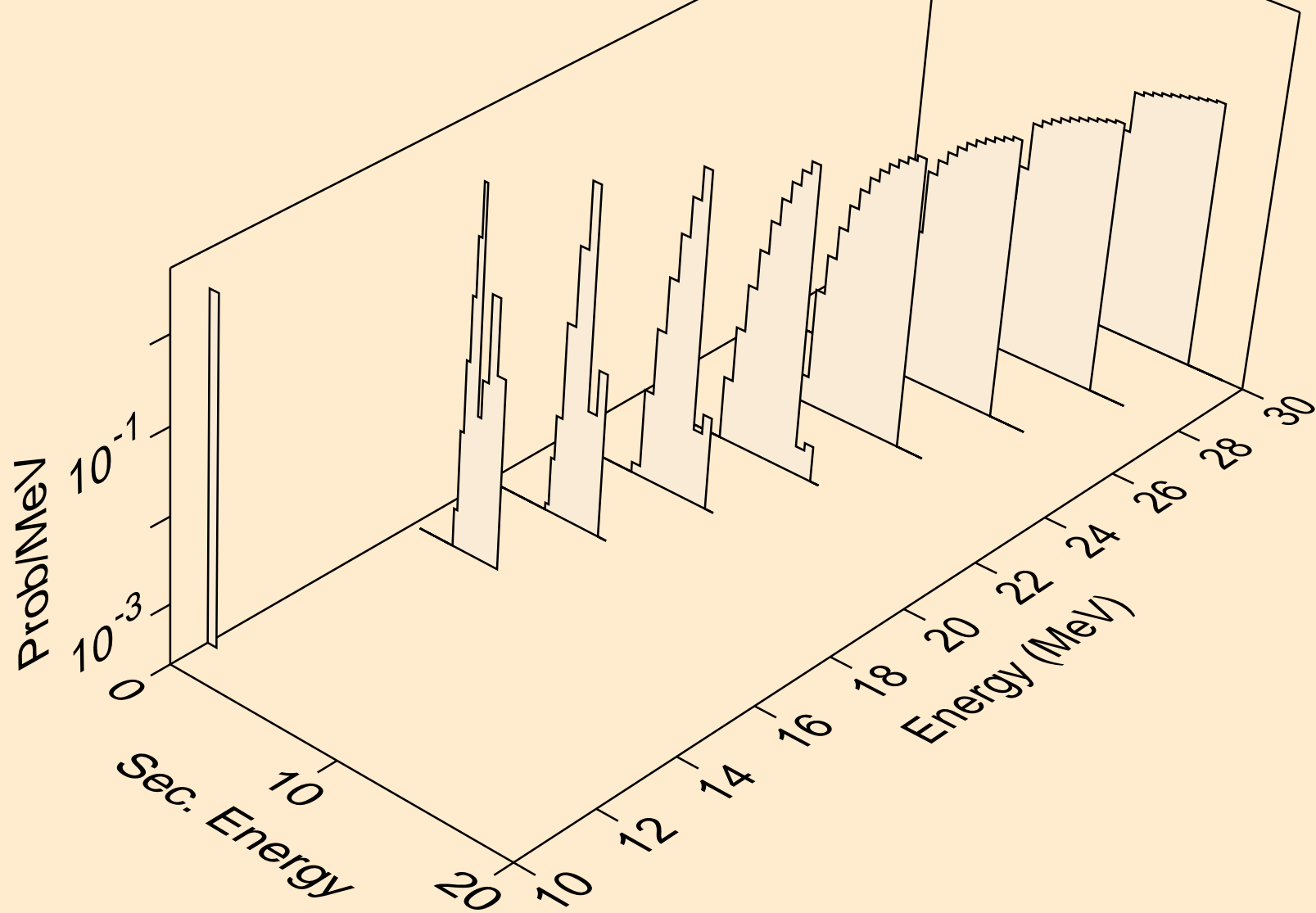
PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

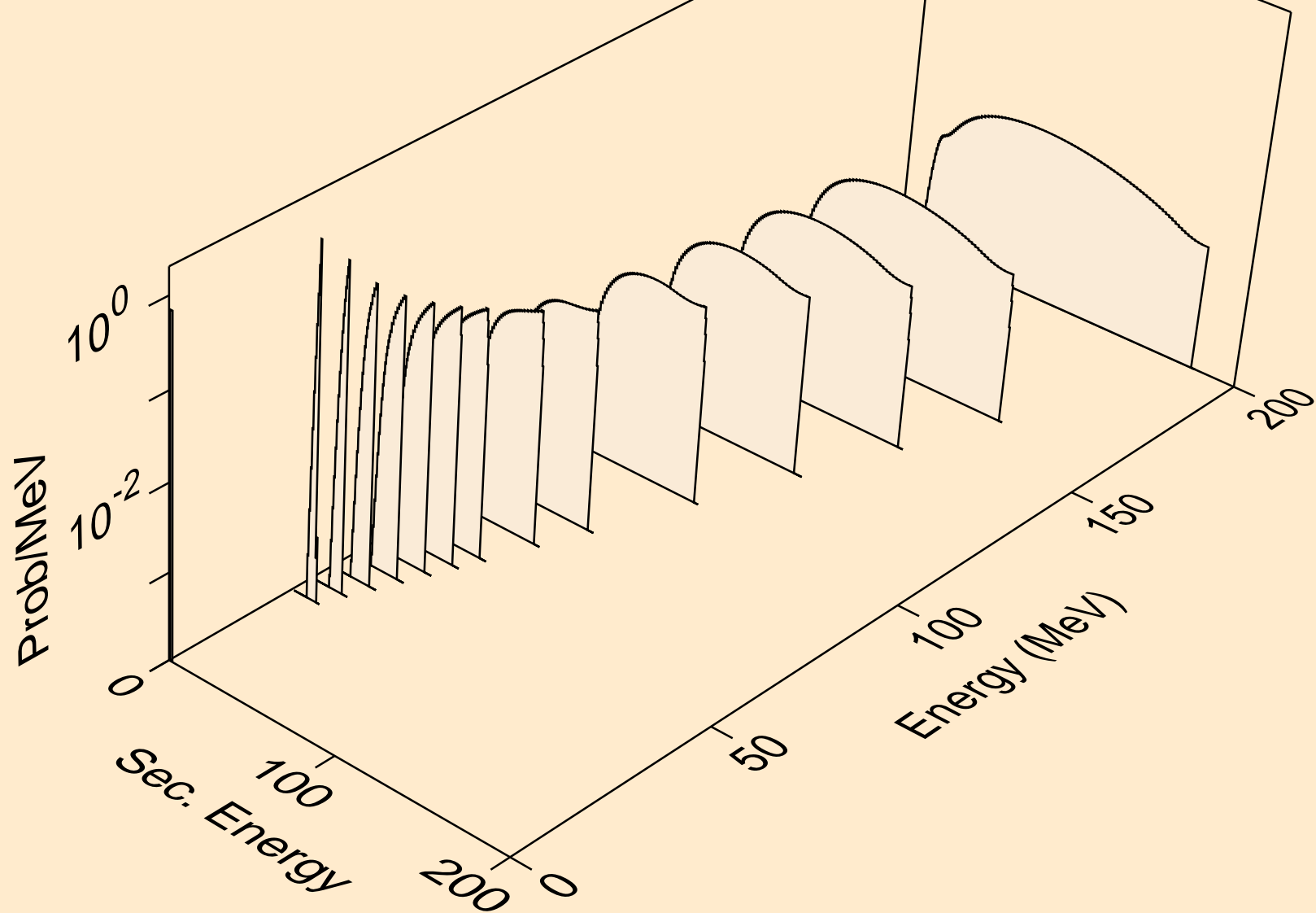


PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PR148M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

