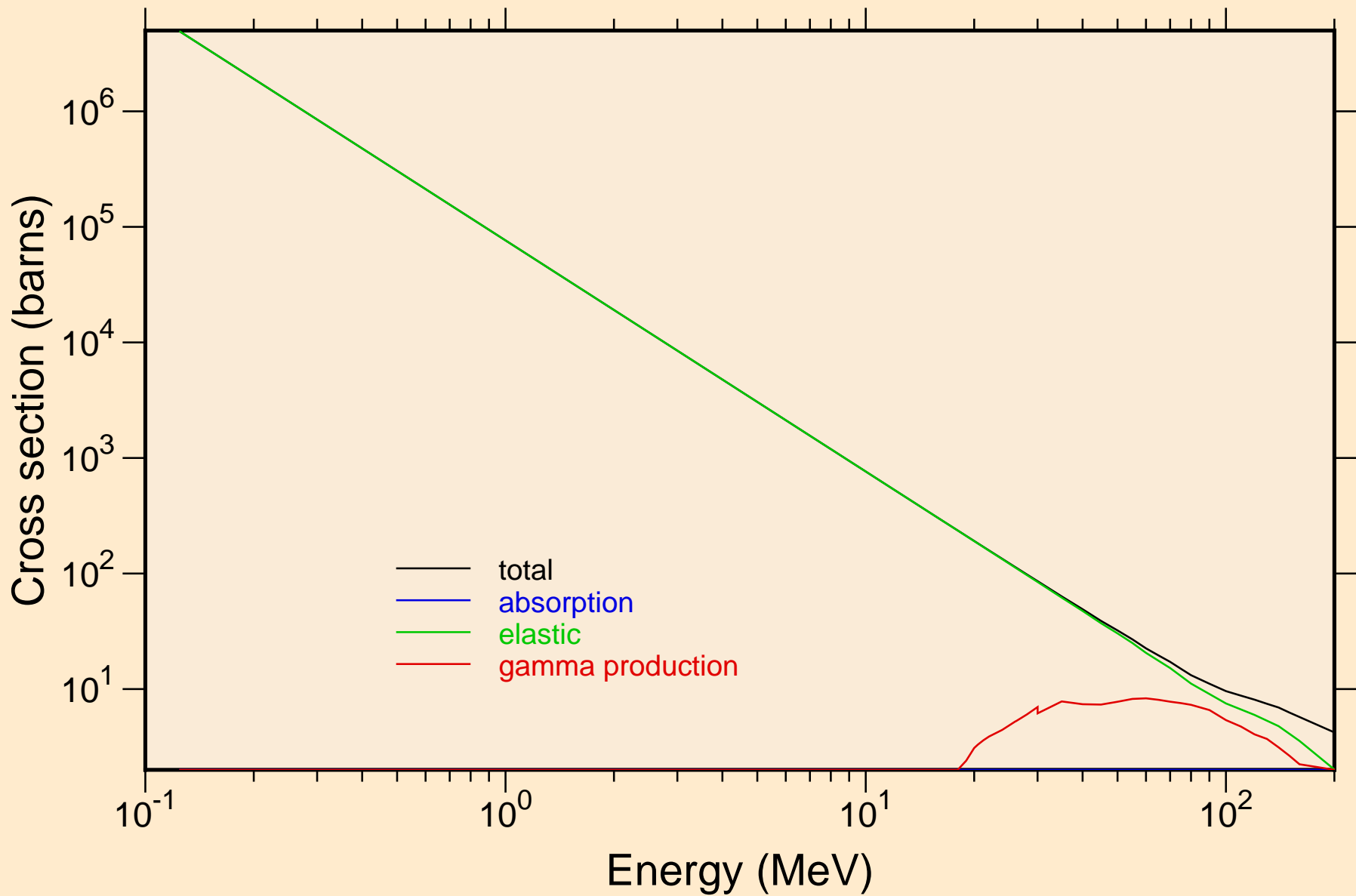
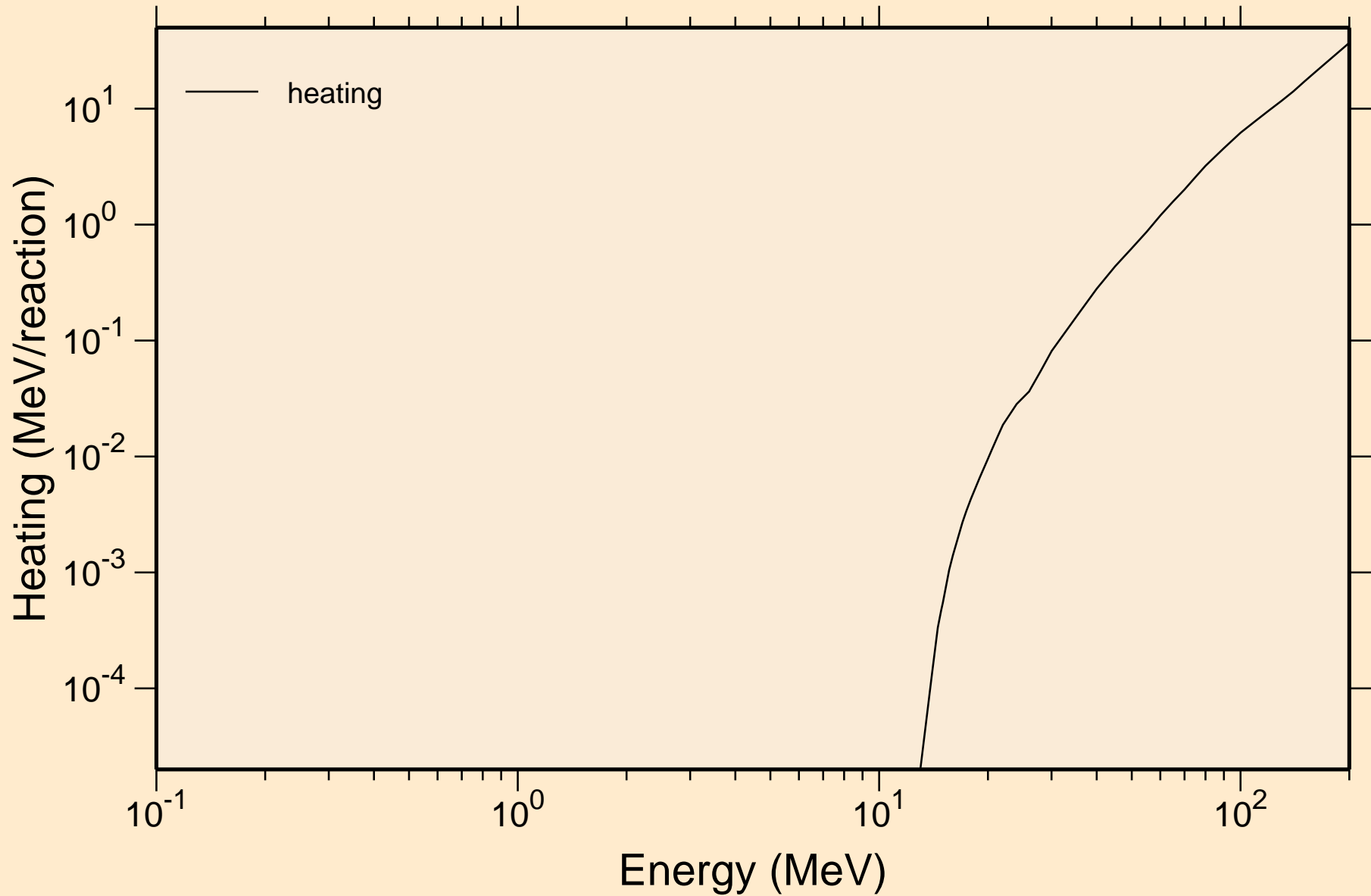


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



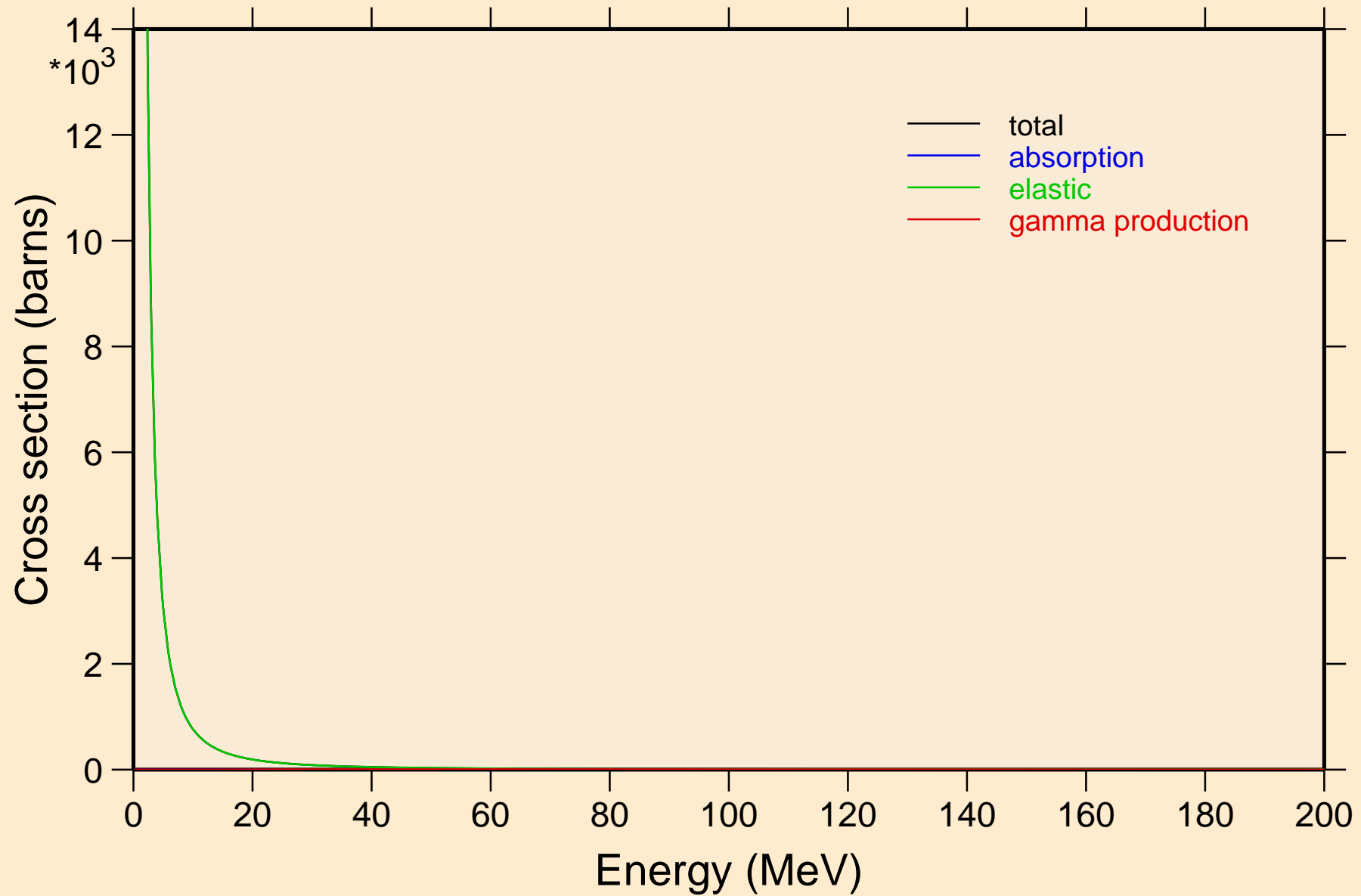
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



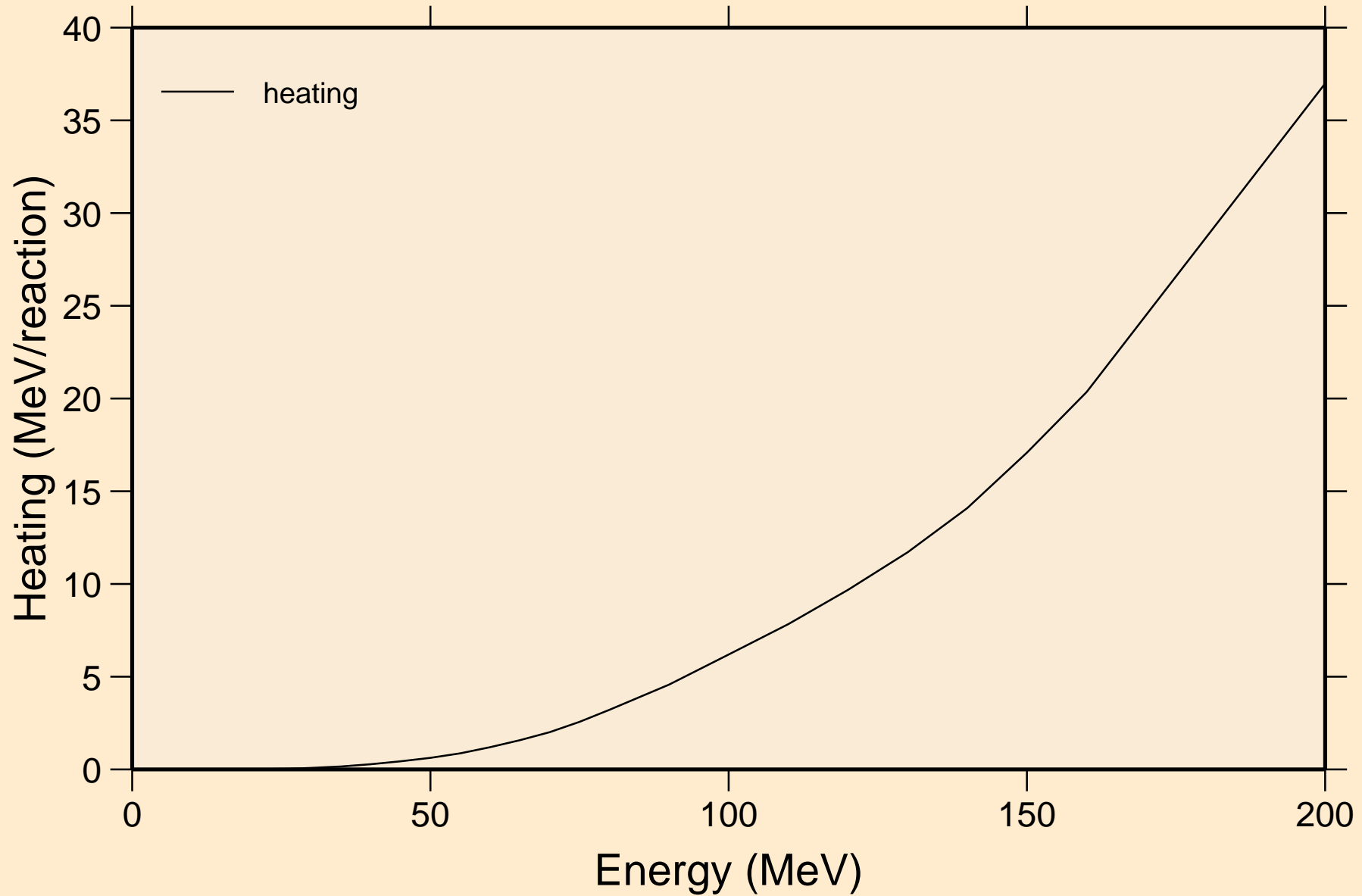
# XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

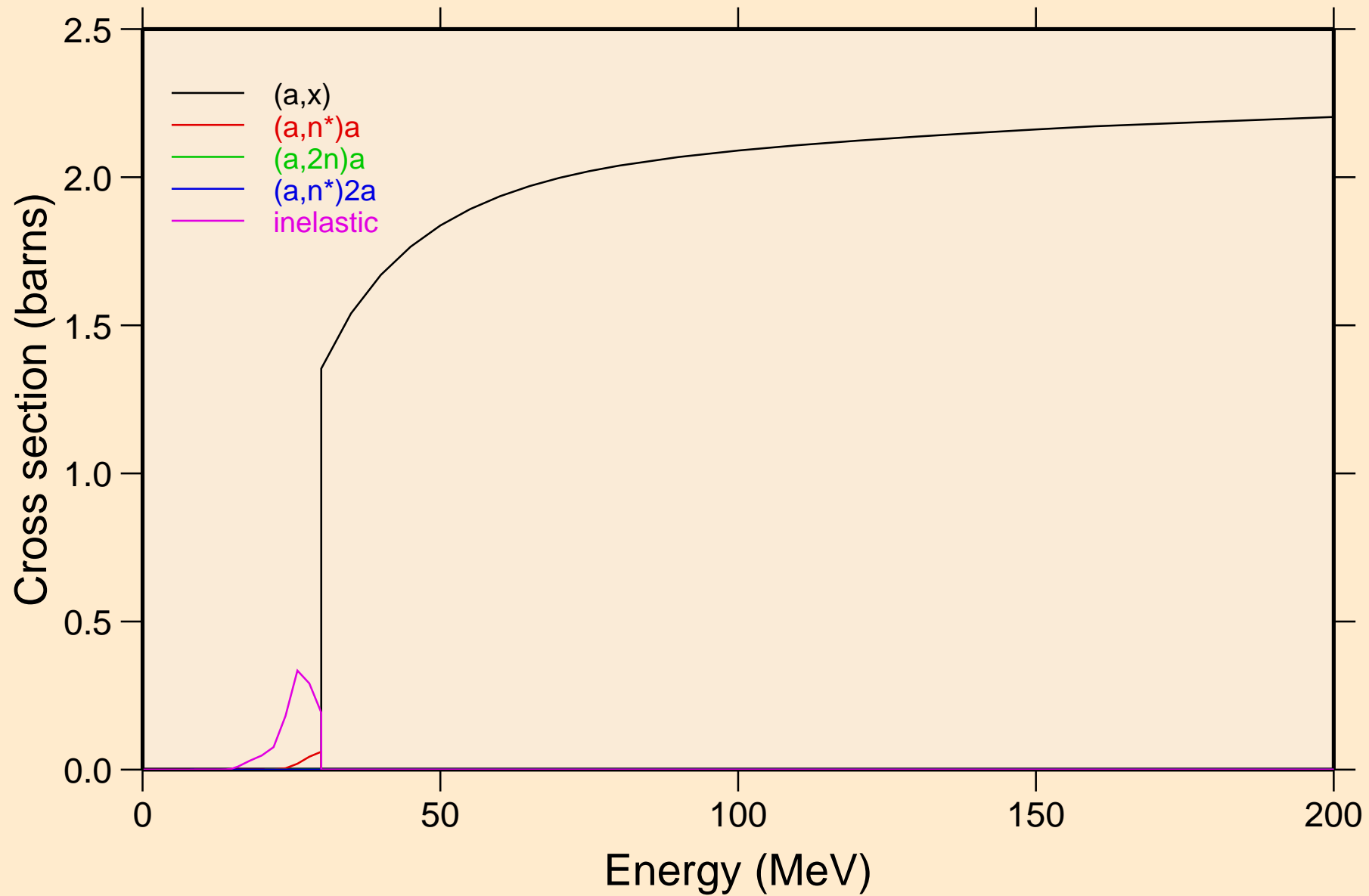


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

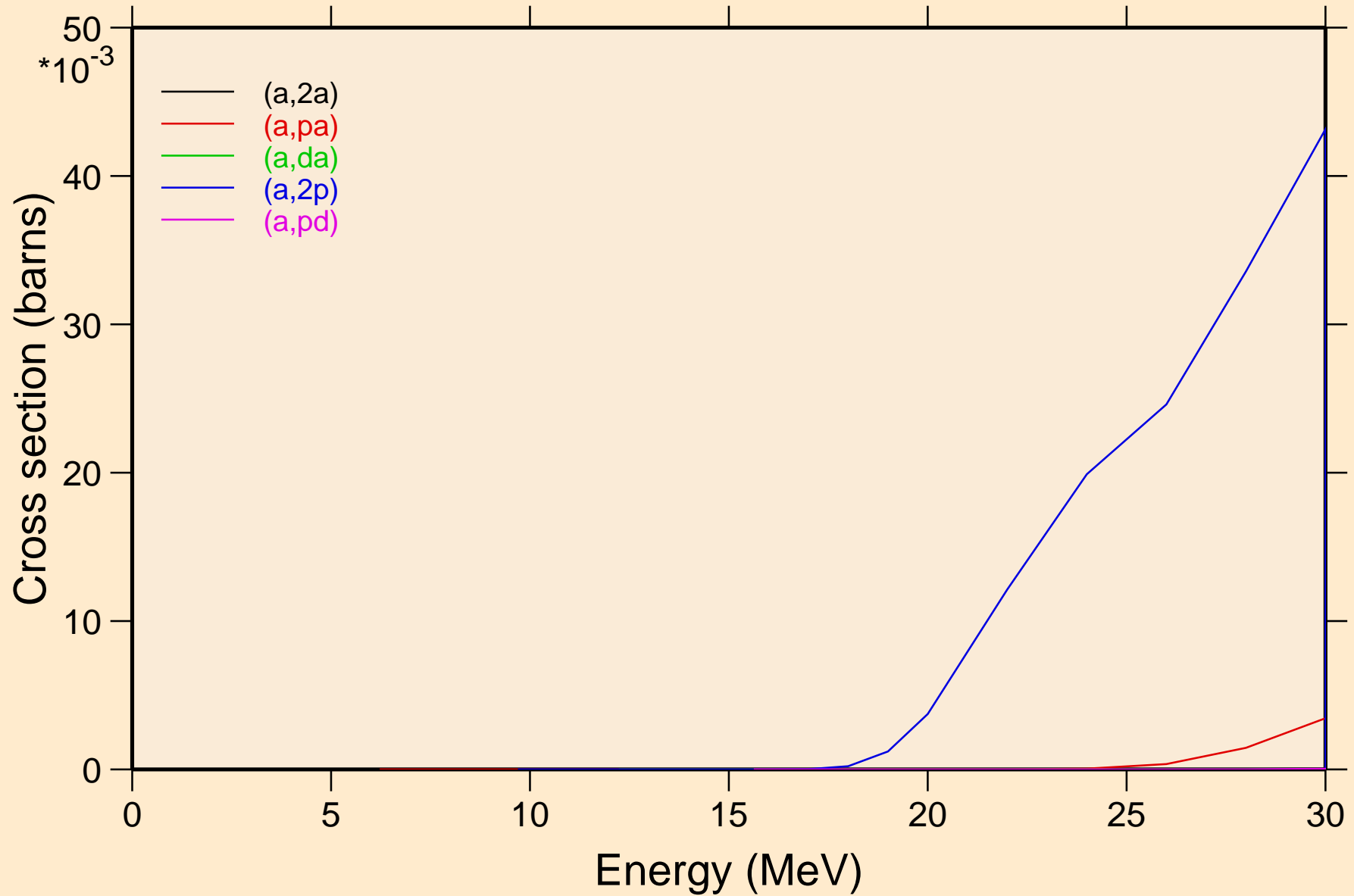
Heating



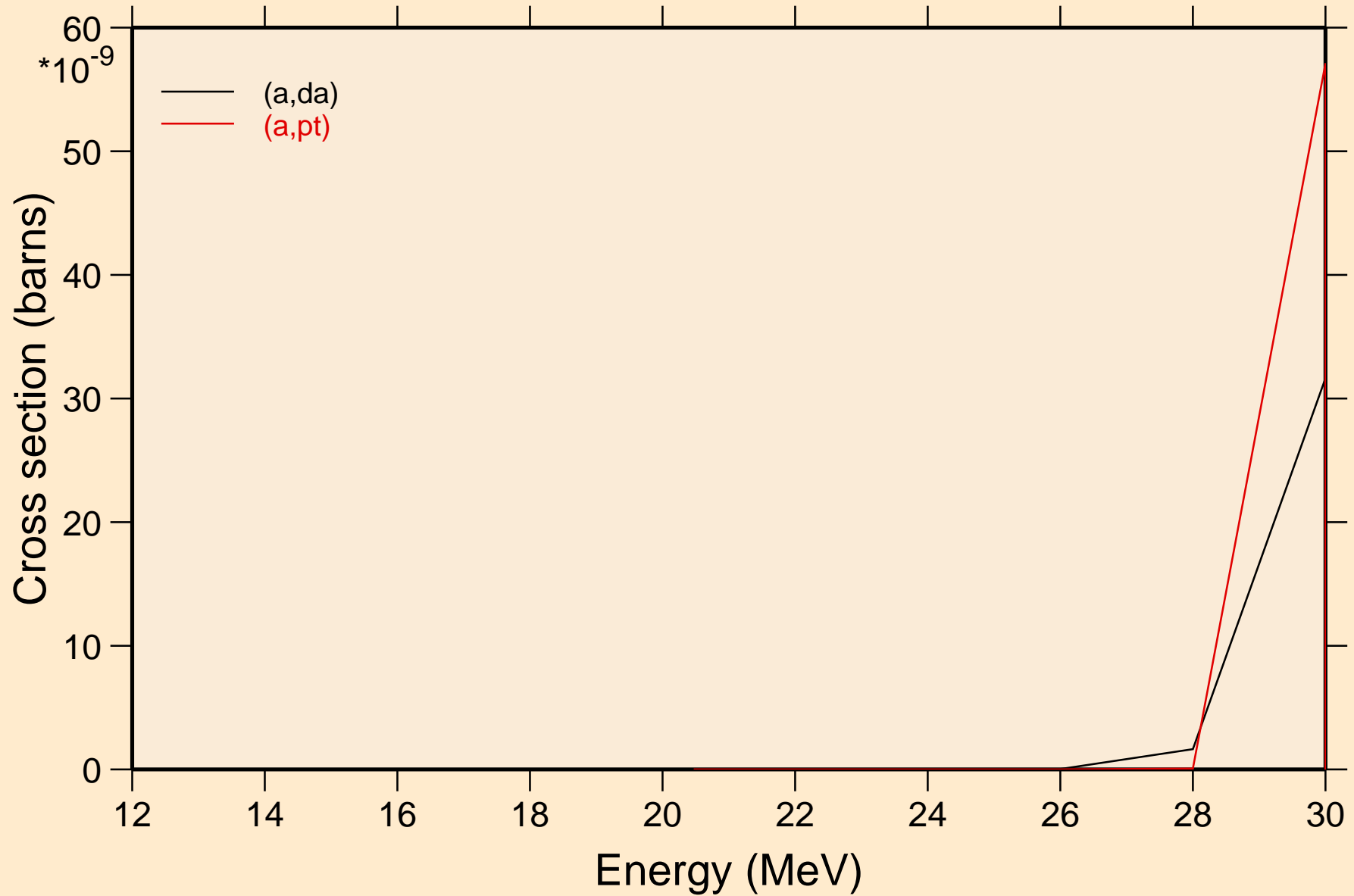
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



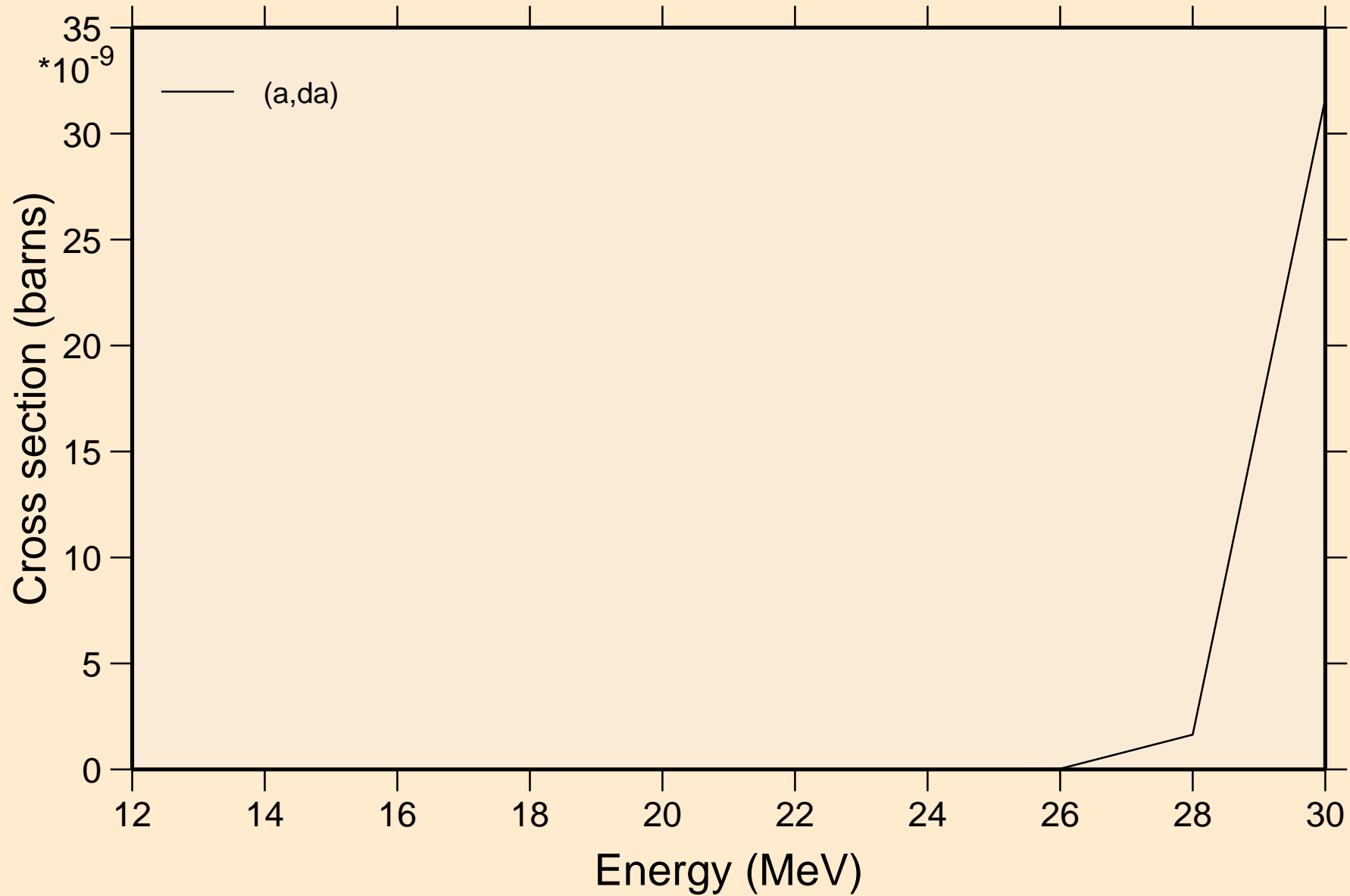
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

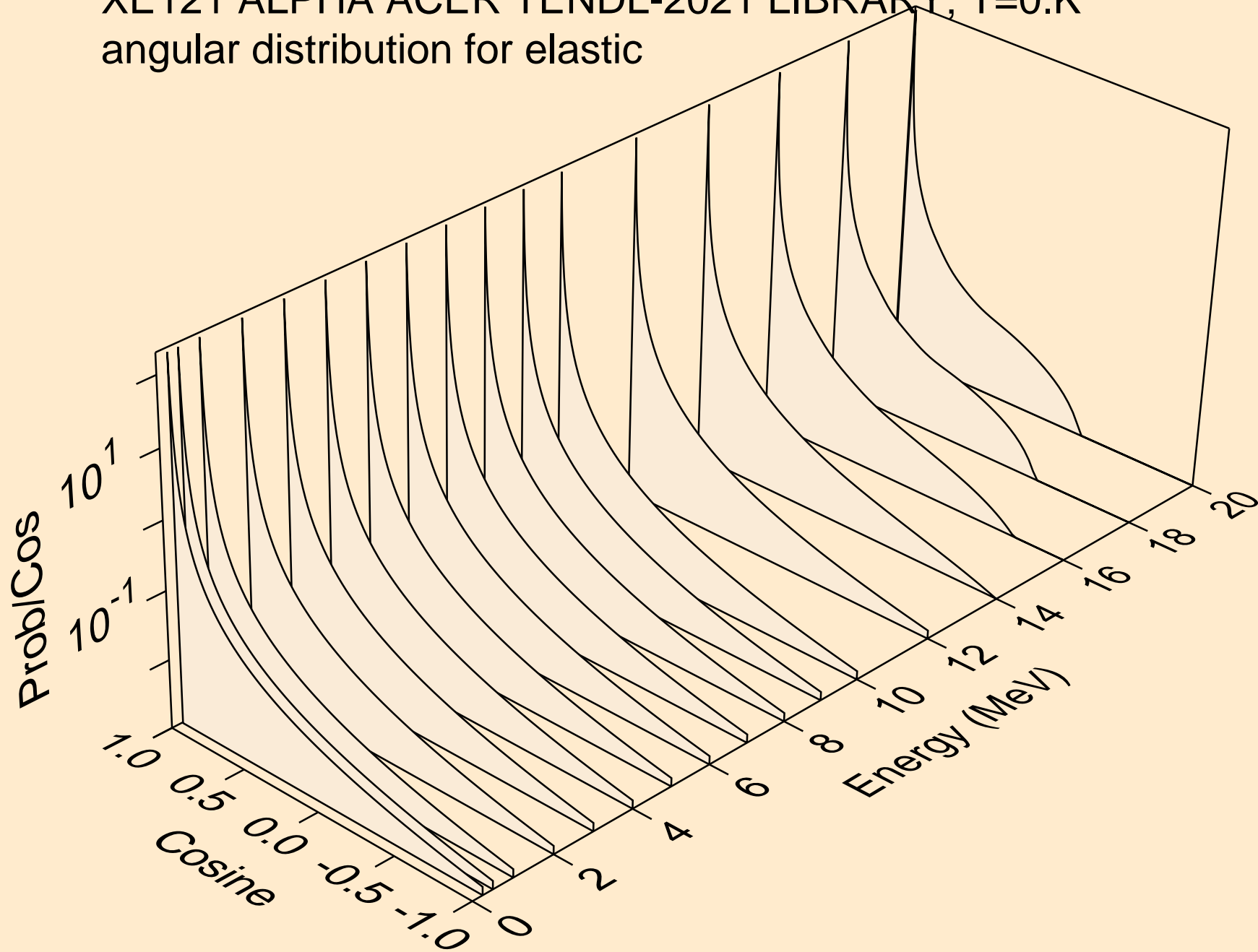


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

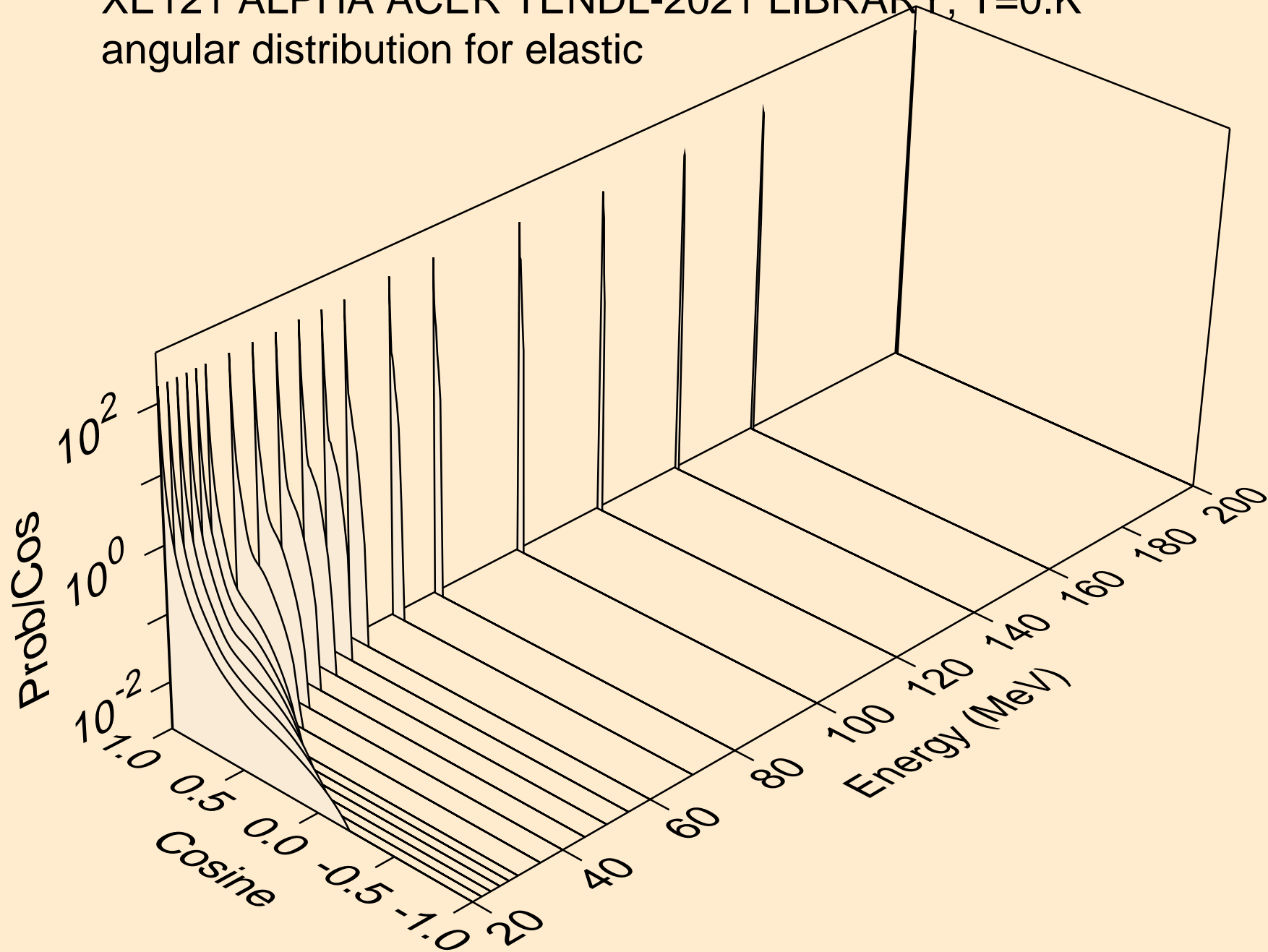




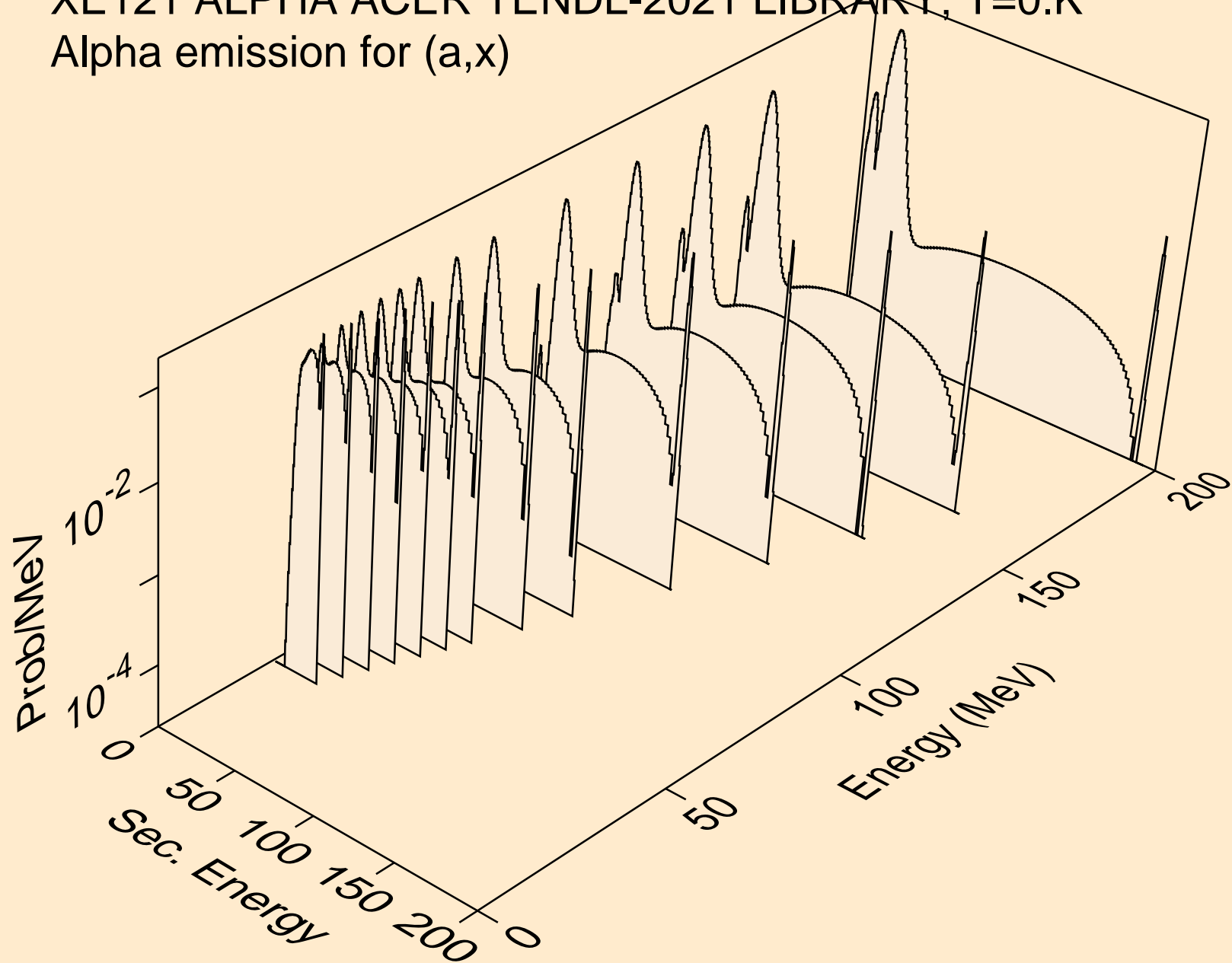
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



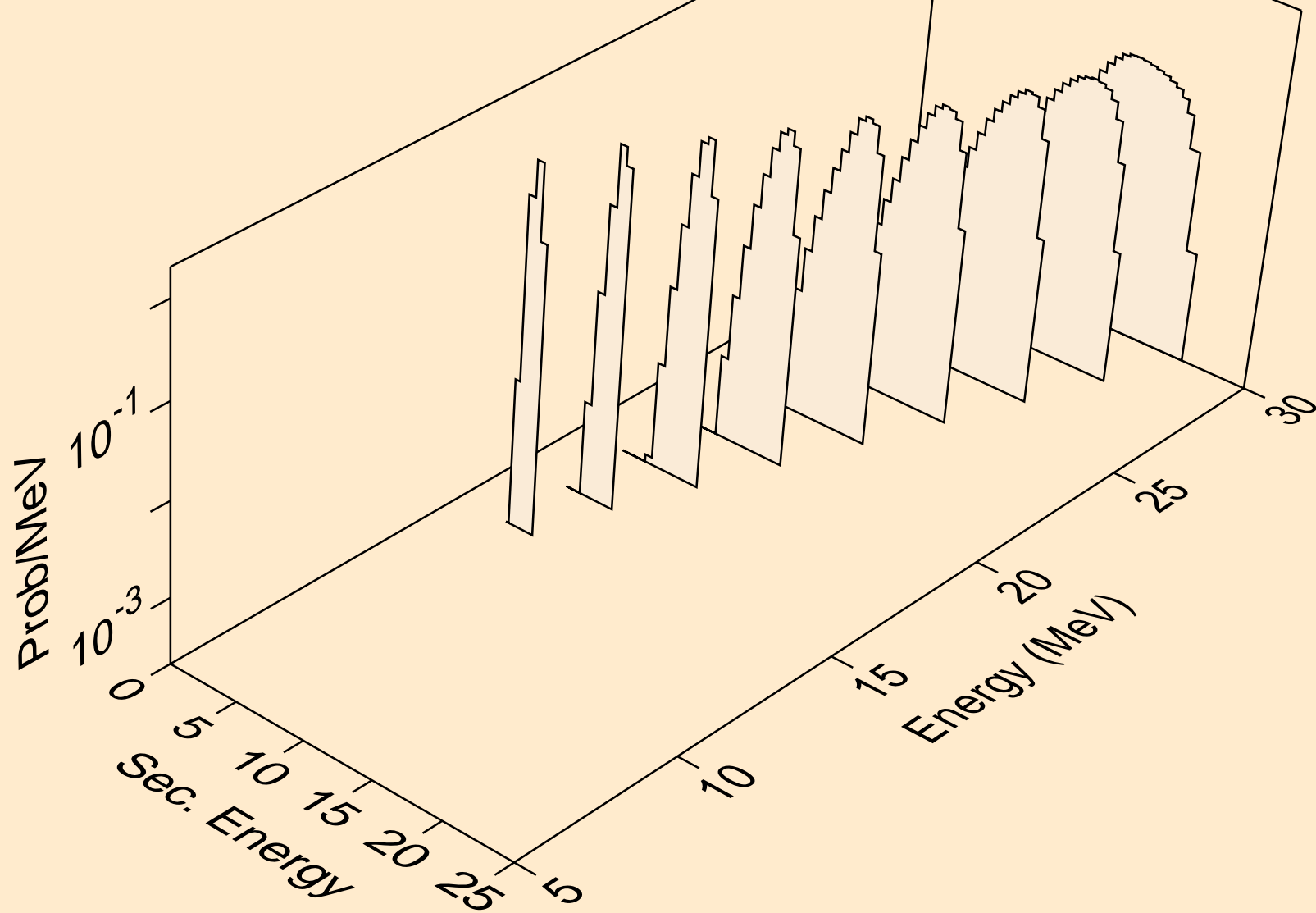
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



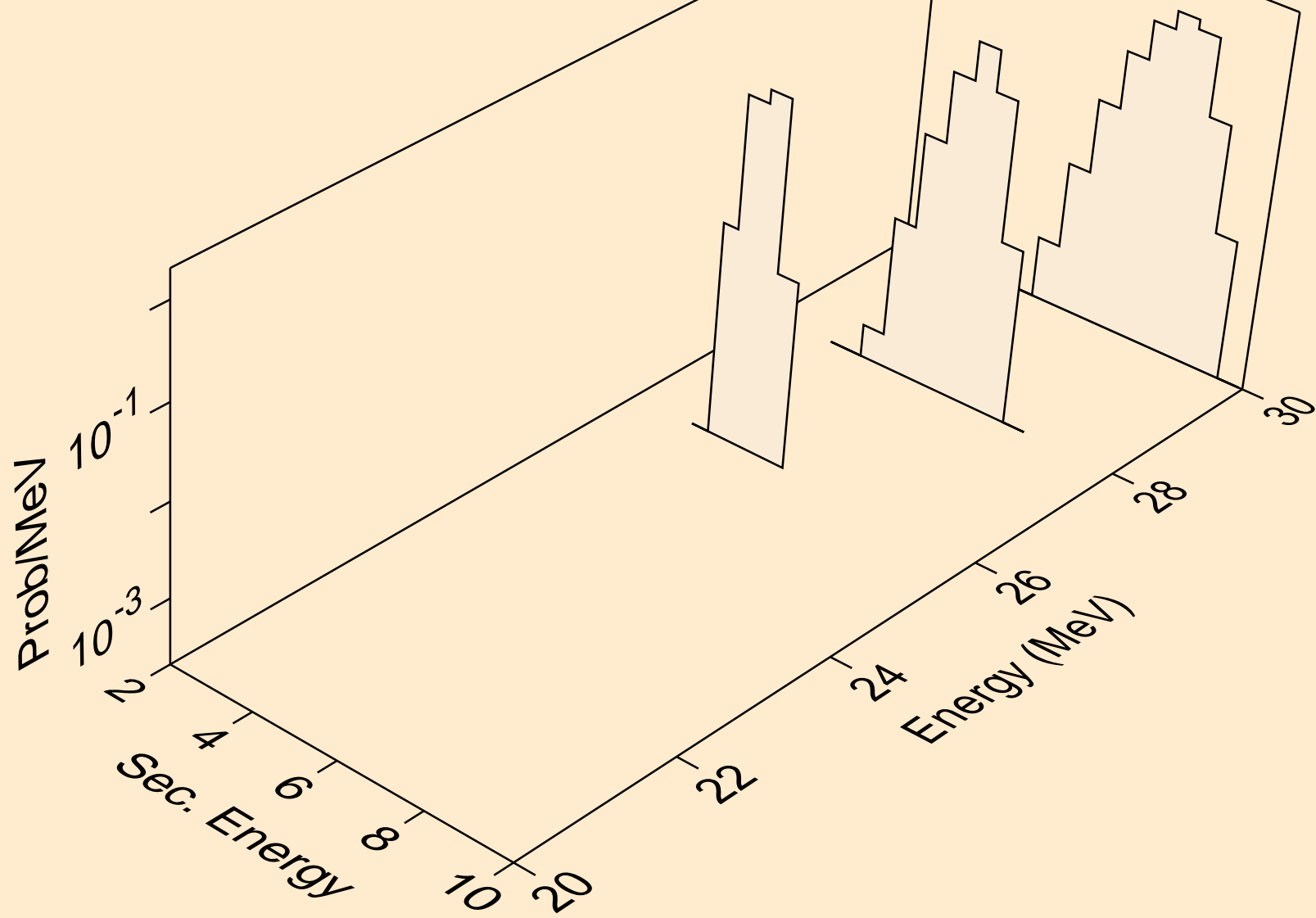
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



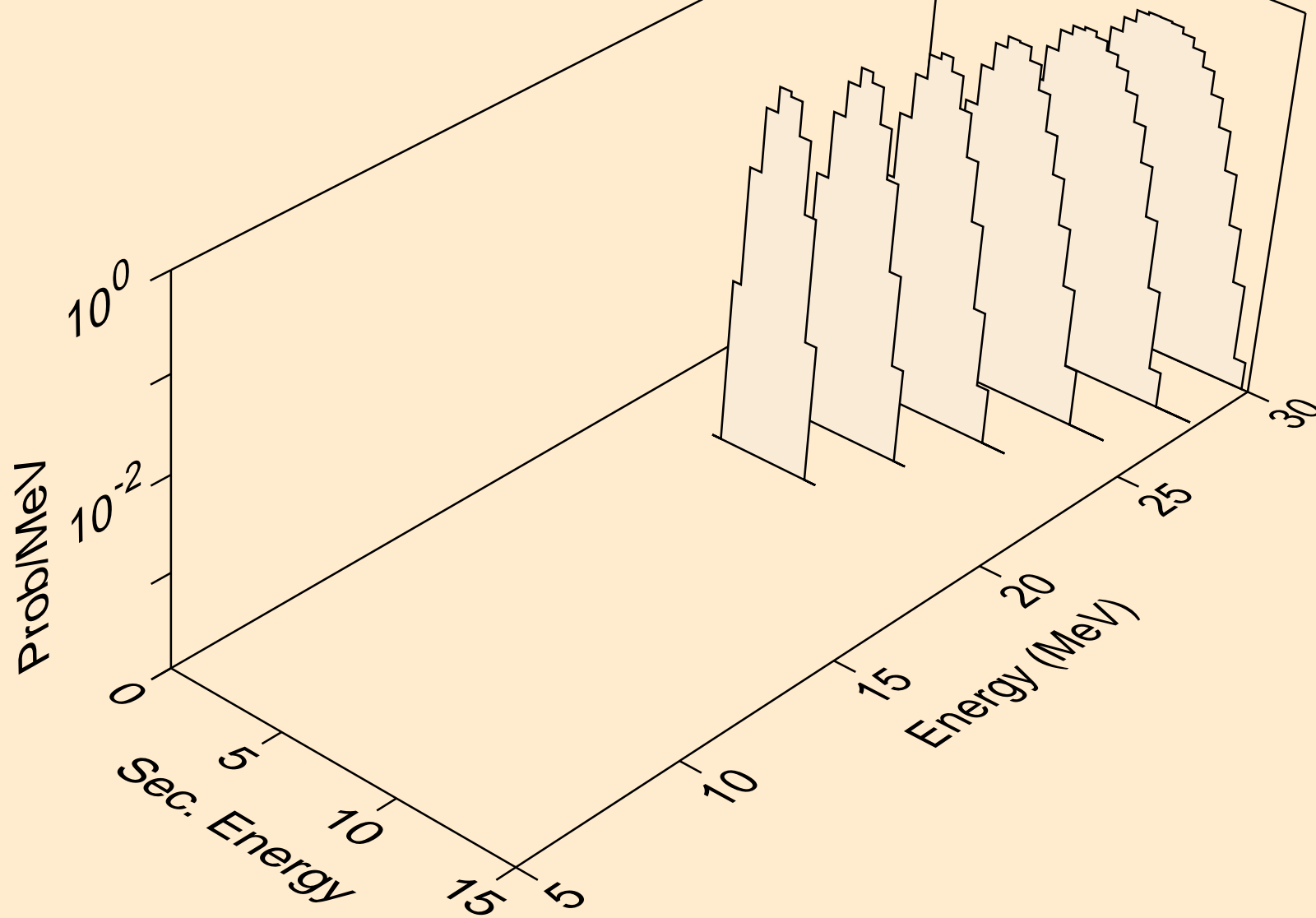
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



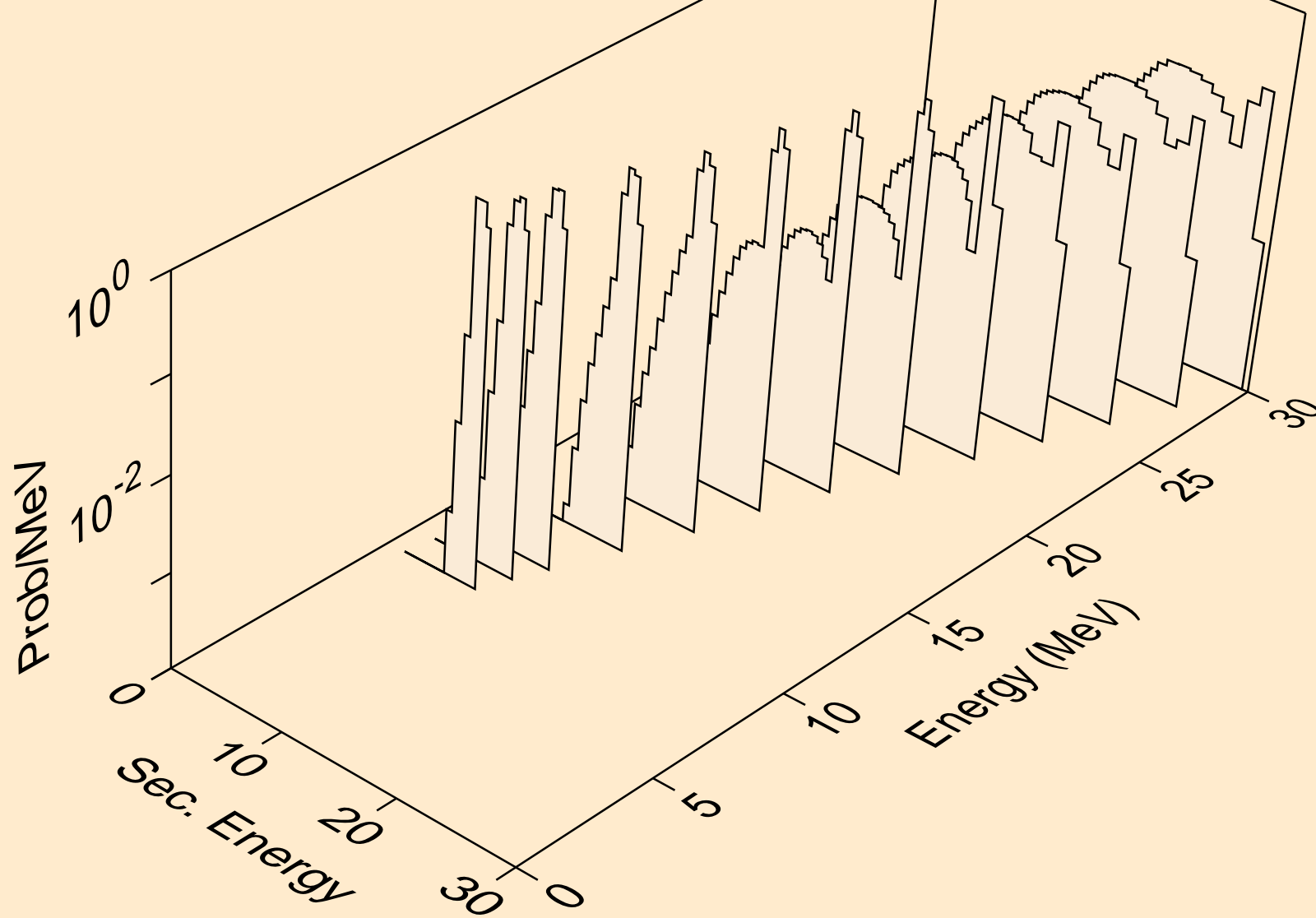
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



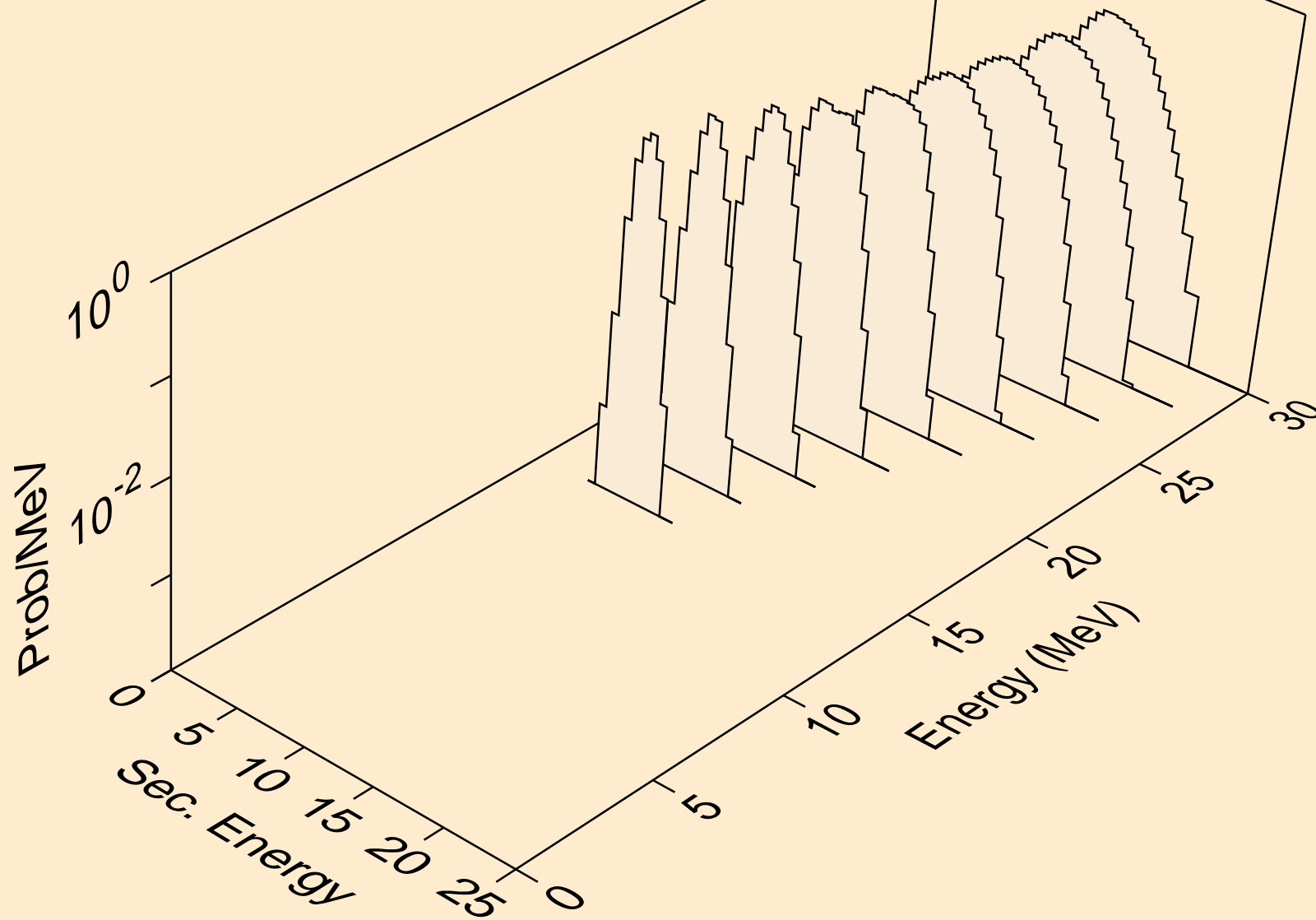
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

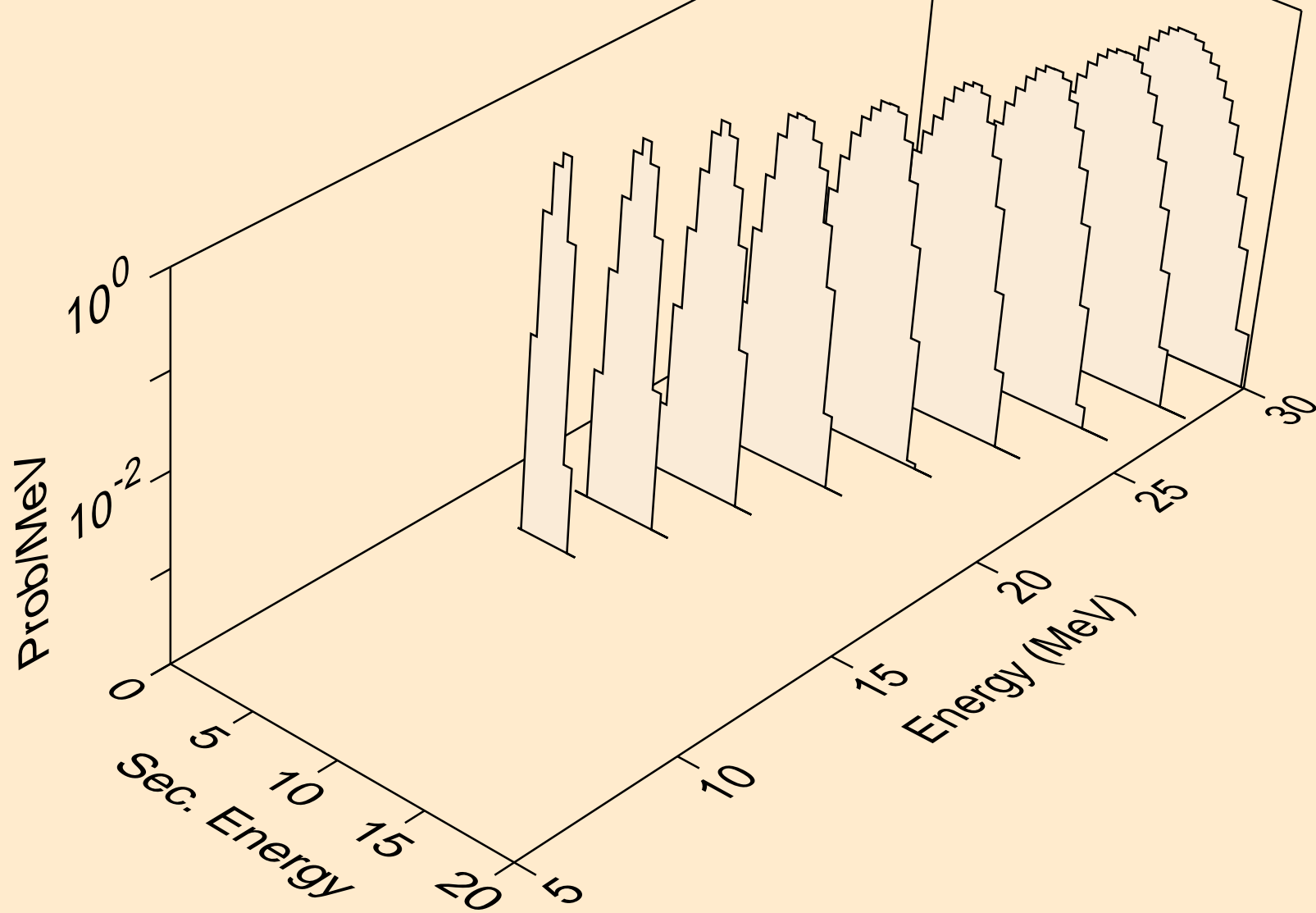


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

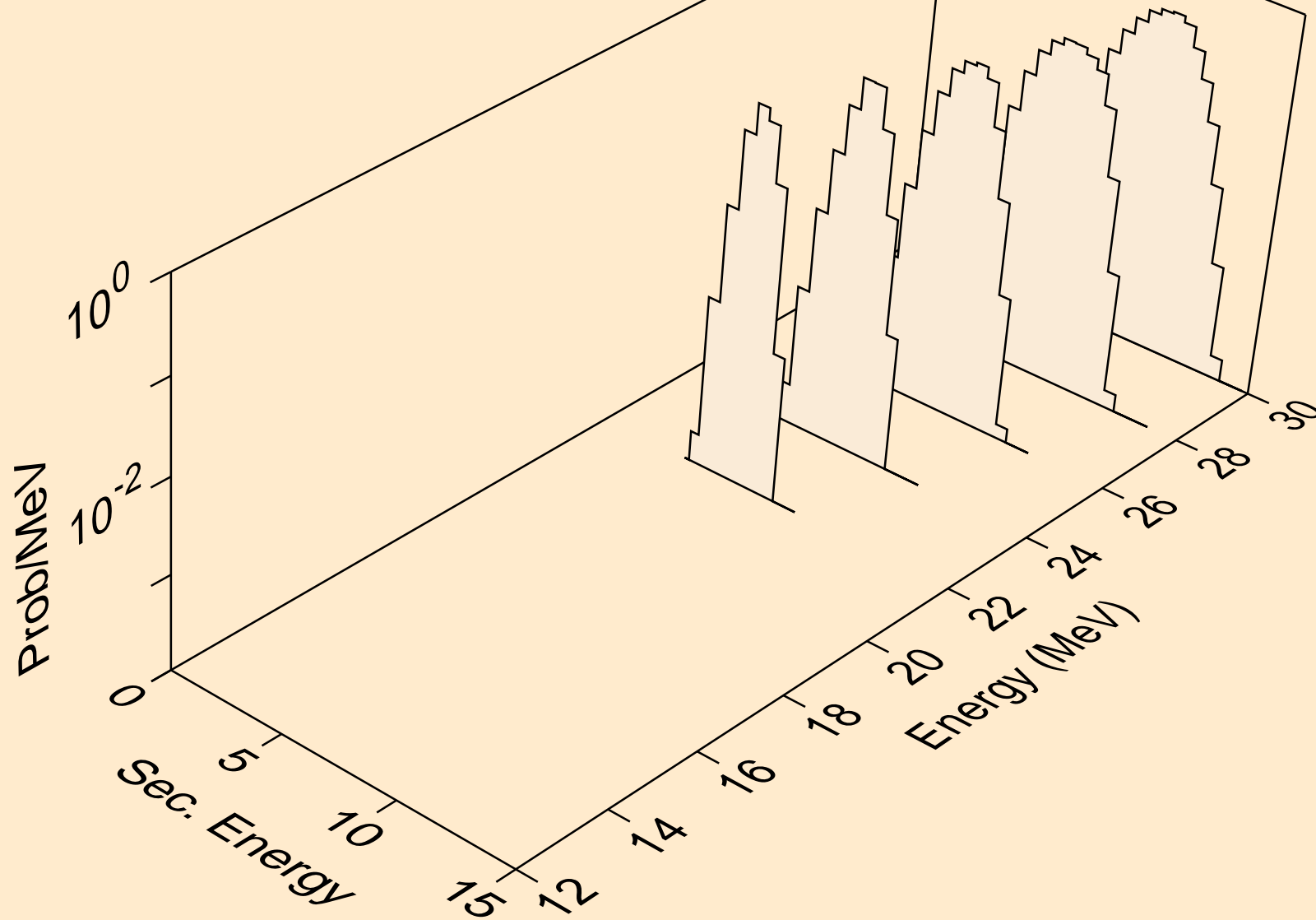




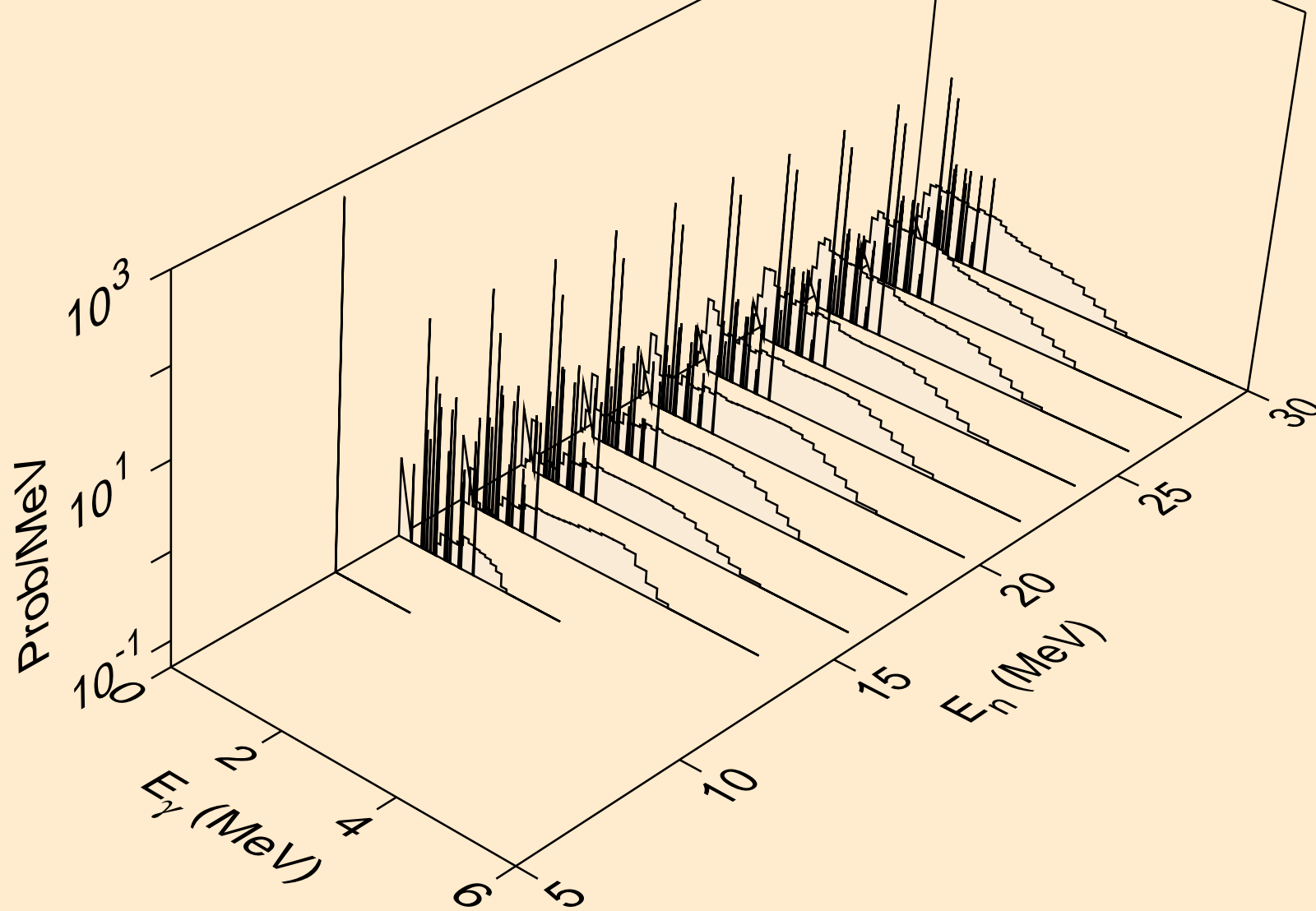
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



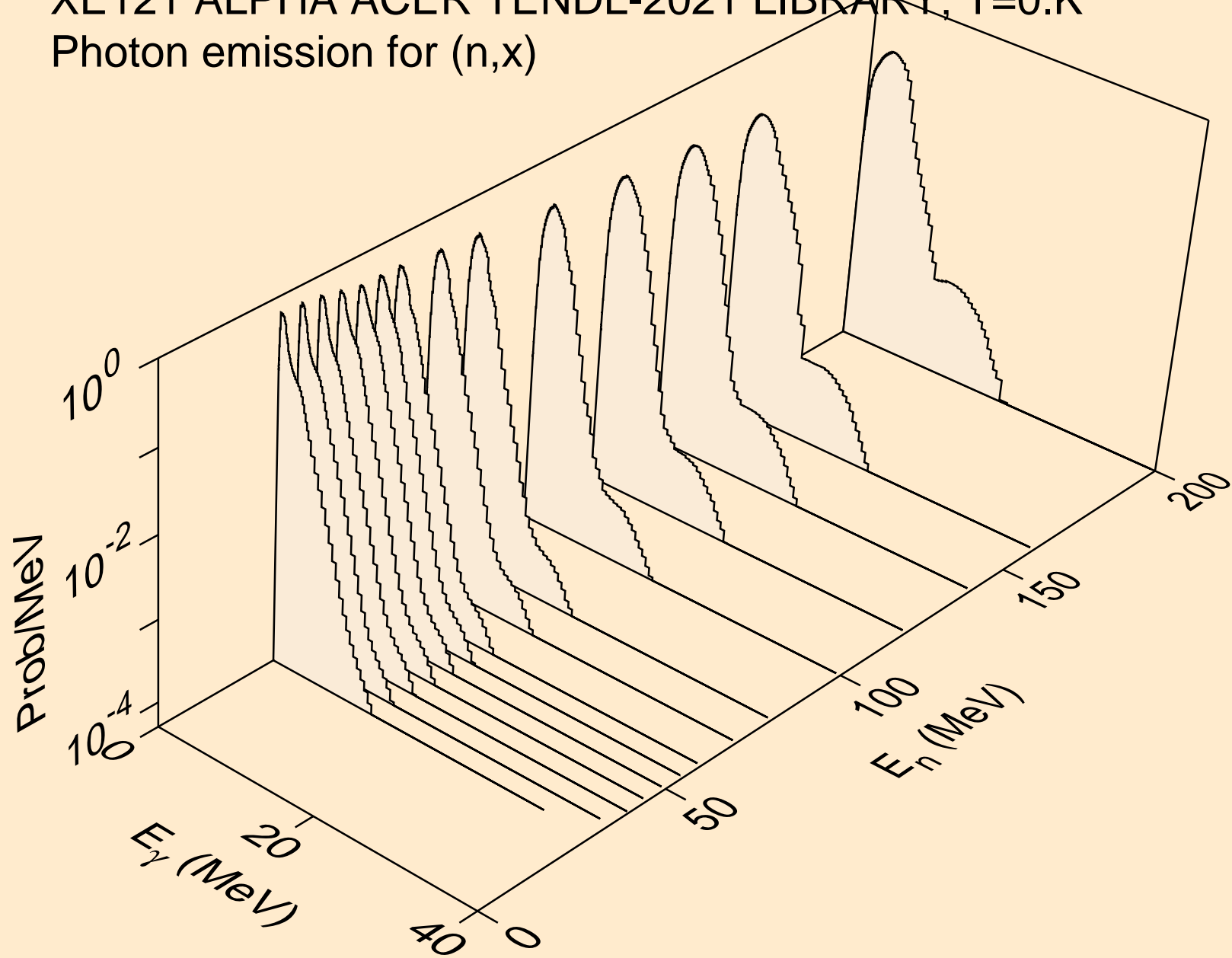
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Alpha emission for (a,da)



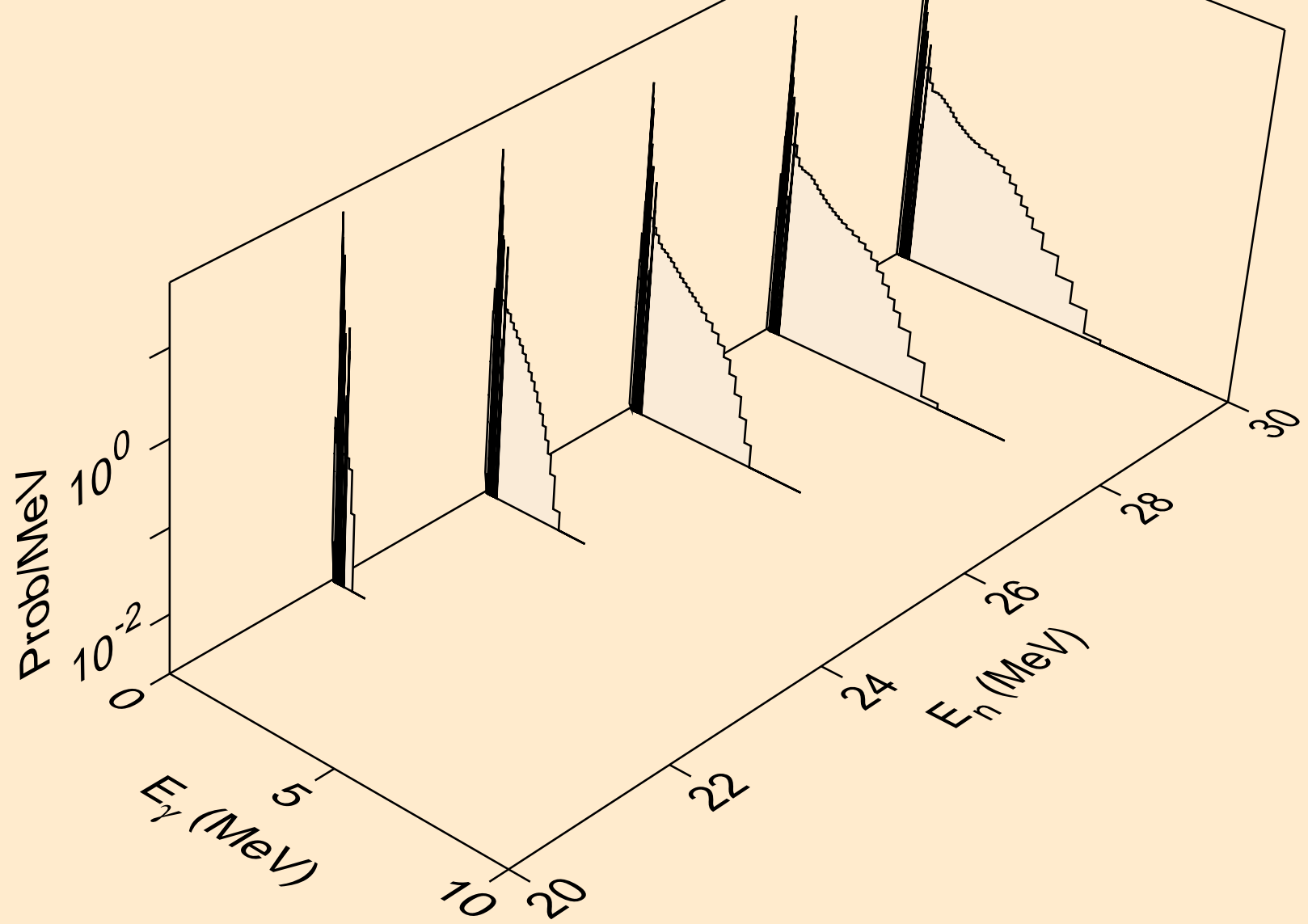
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



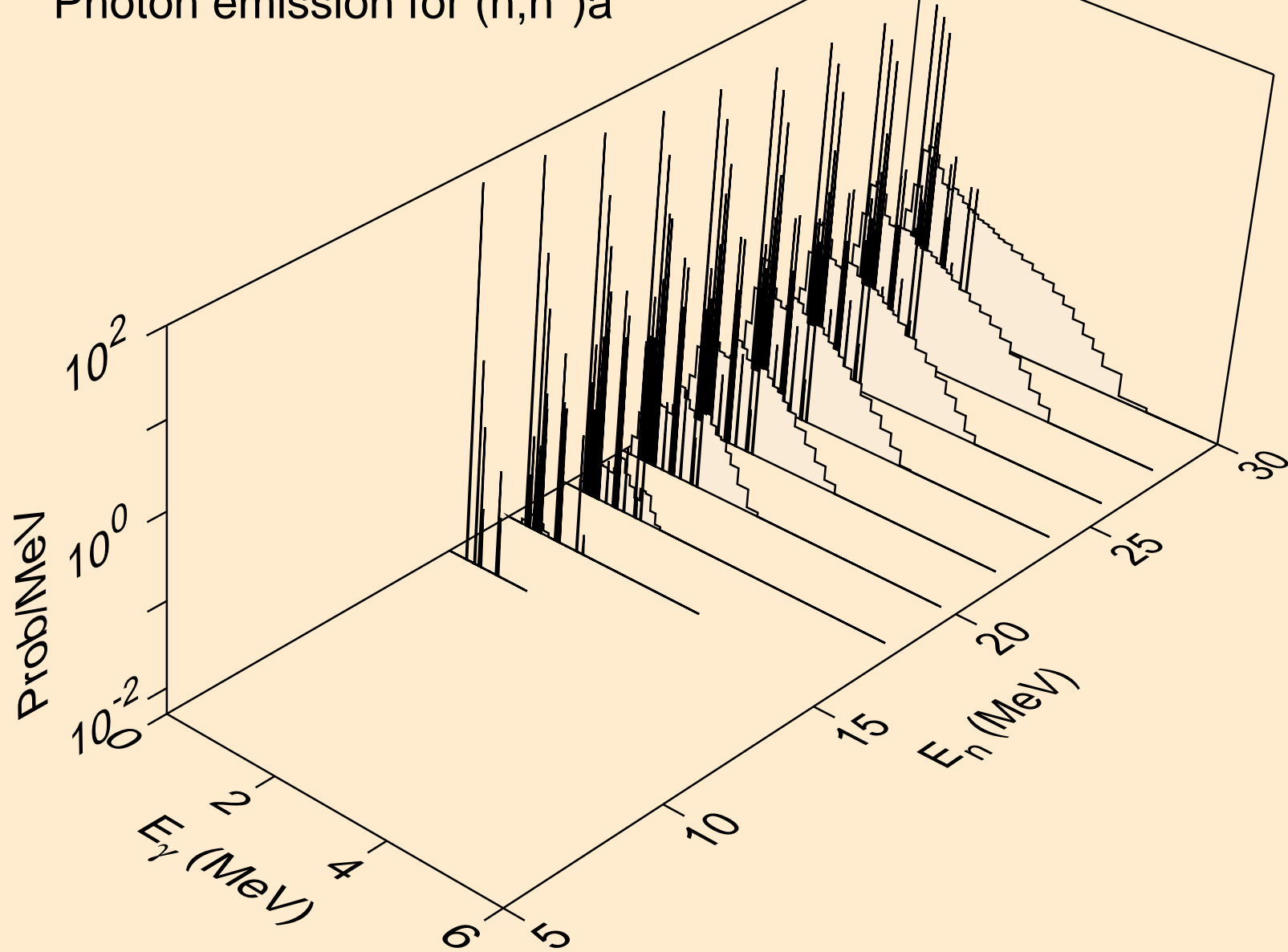
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



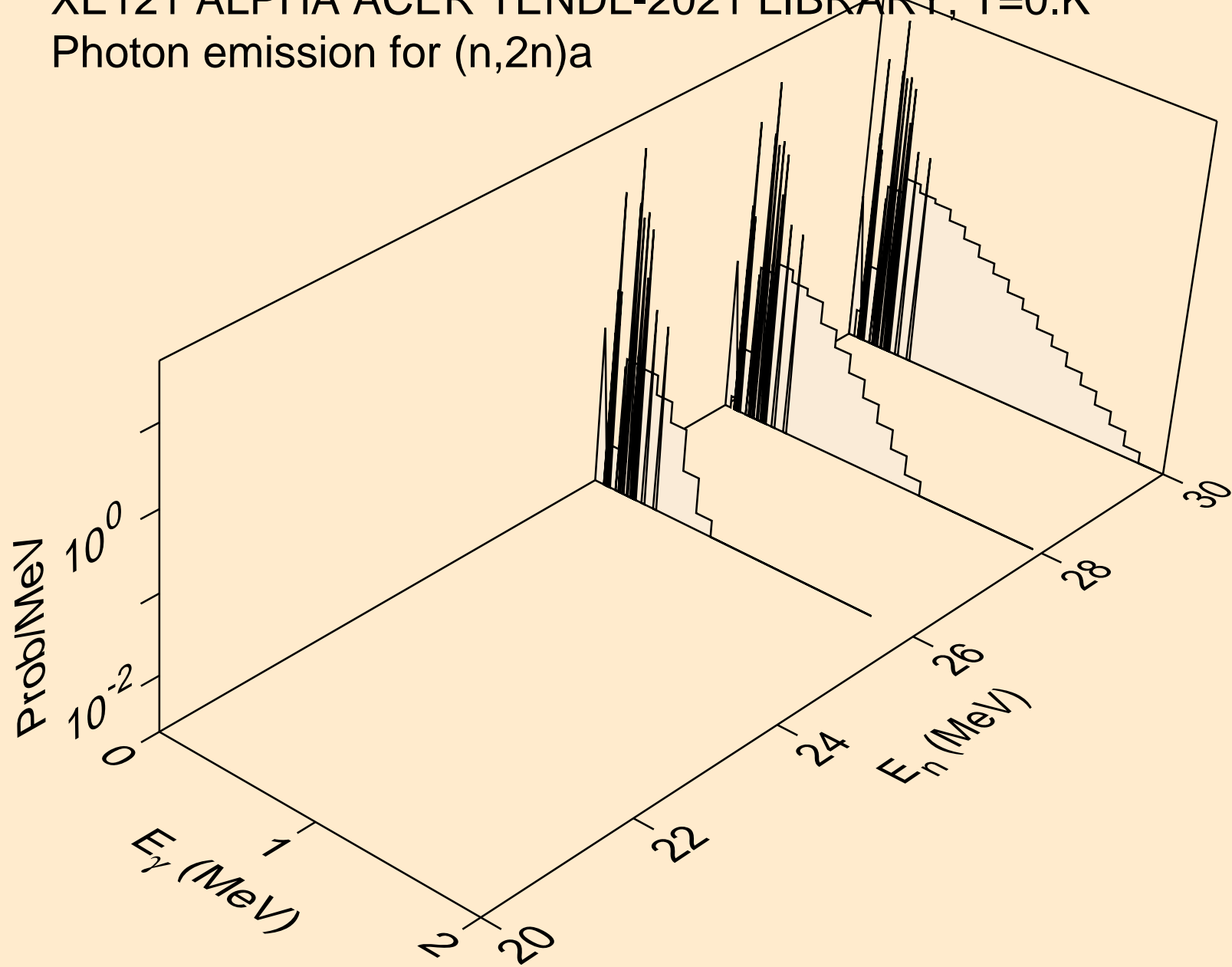
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



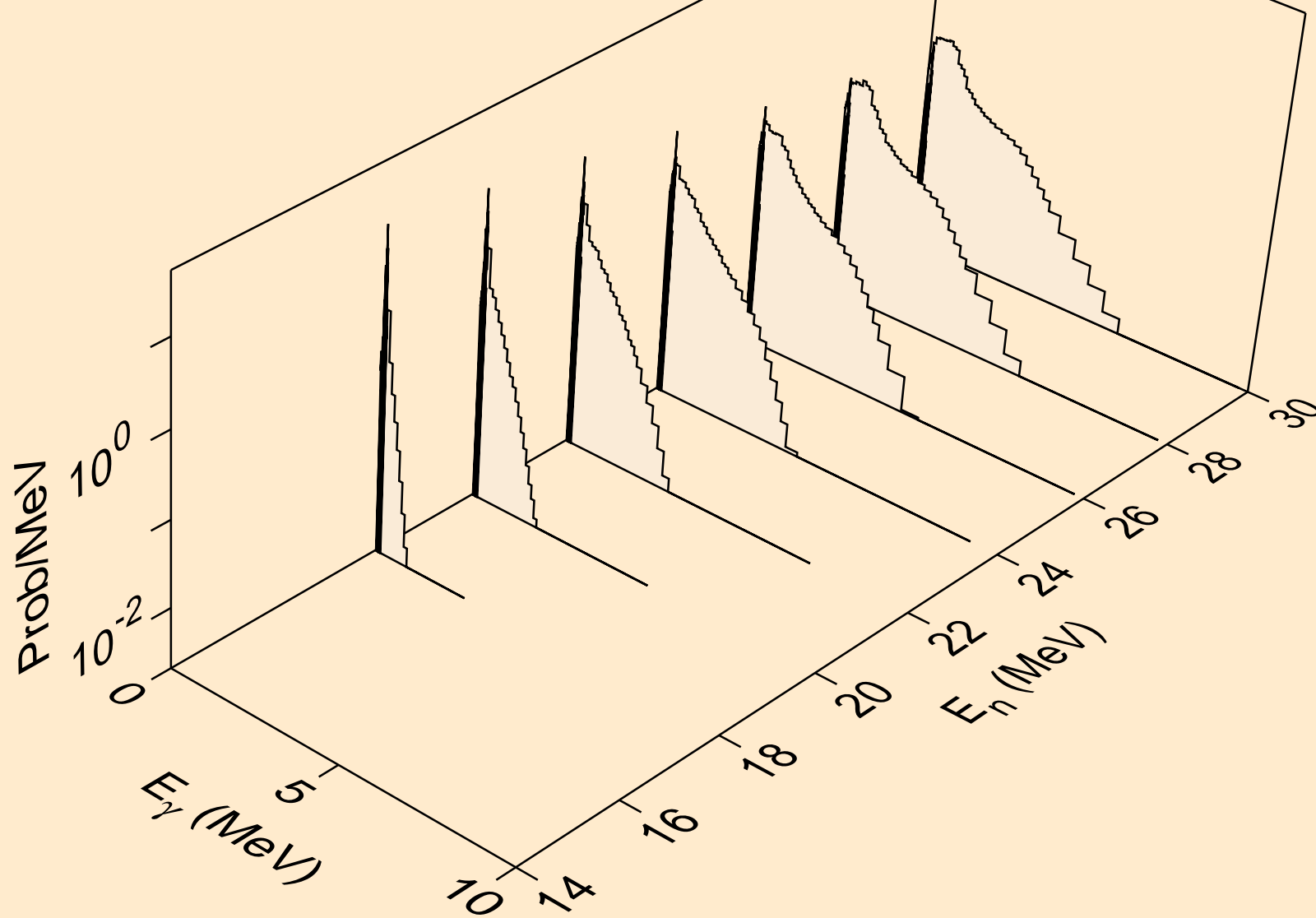
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

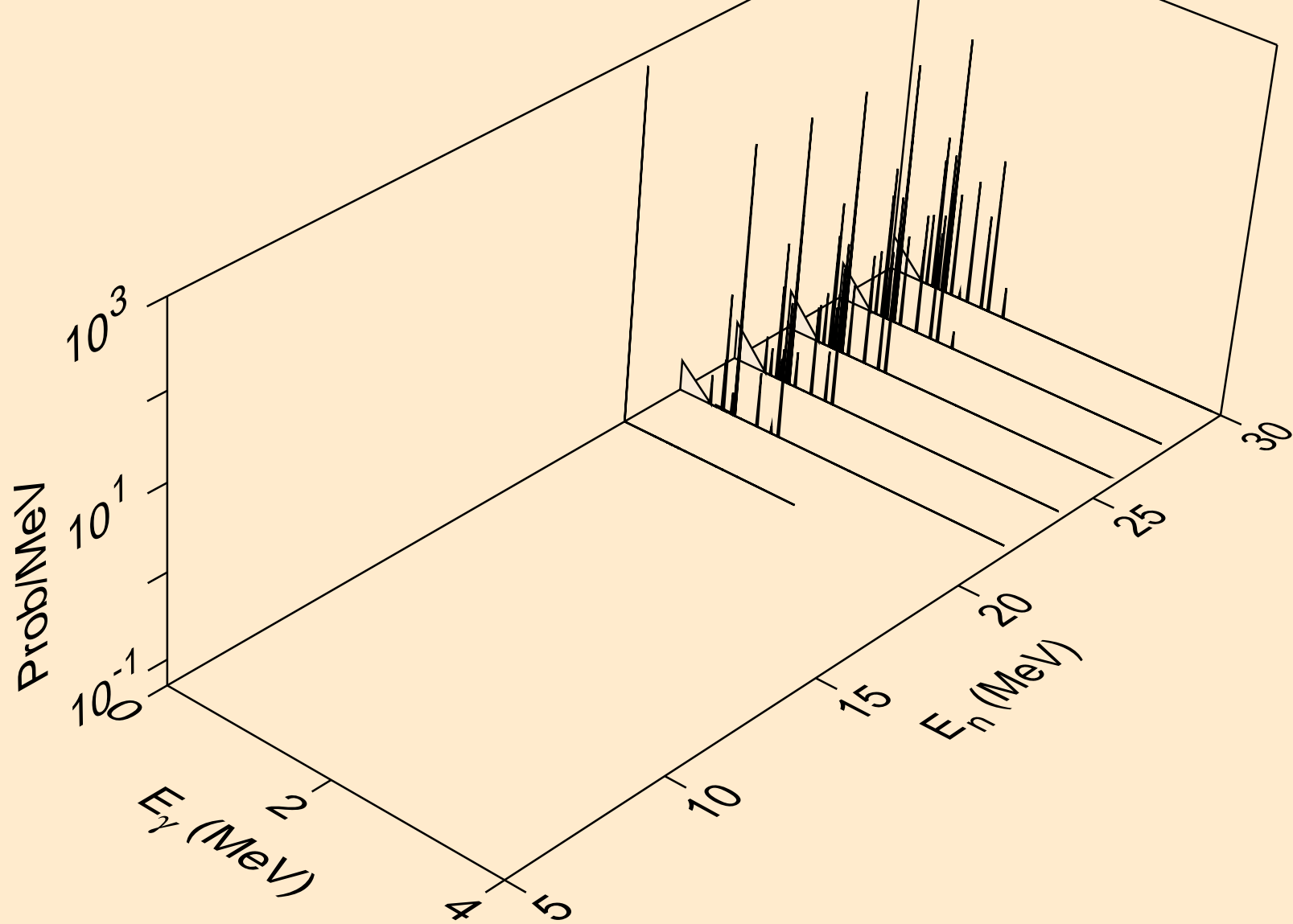


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

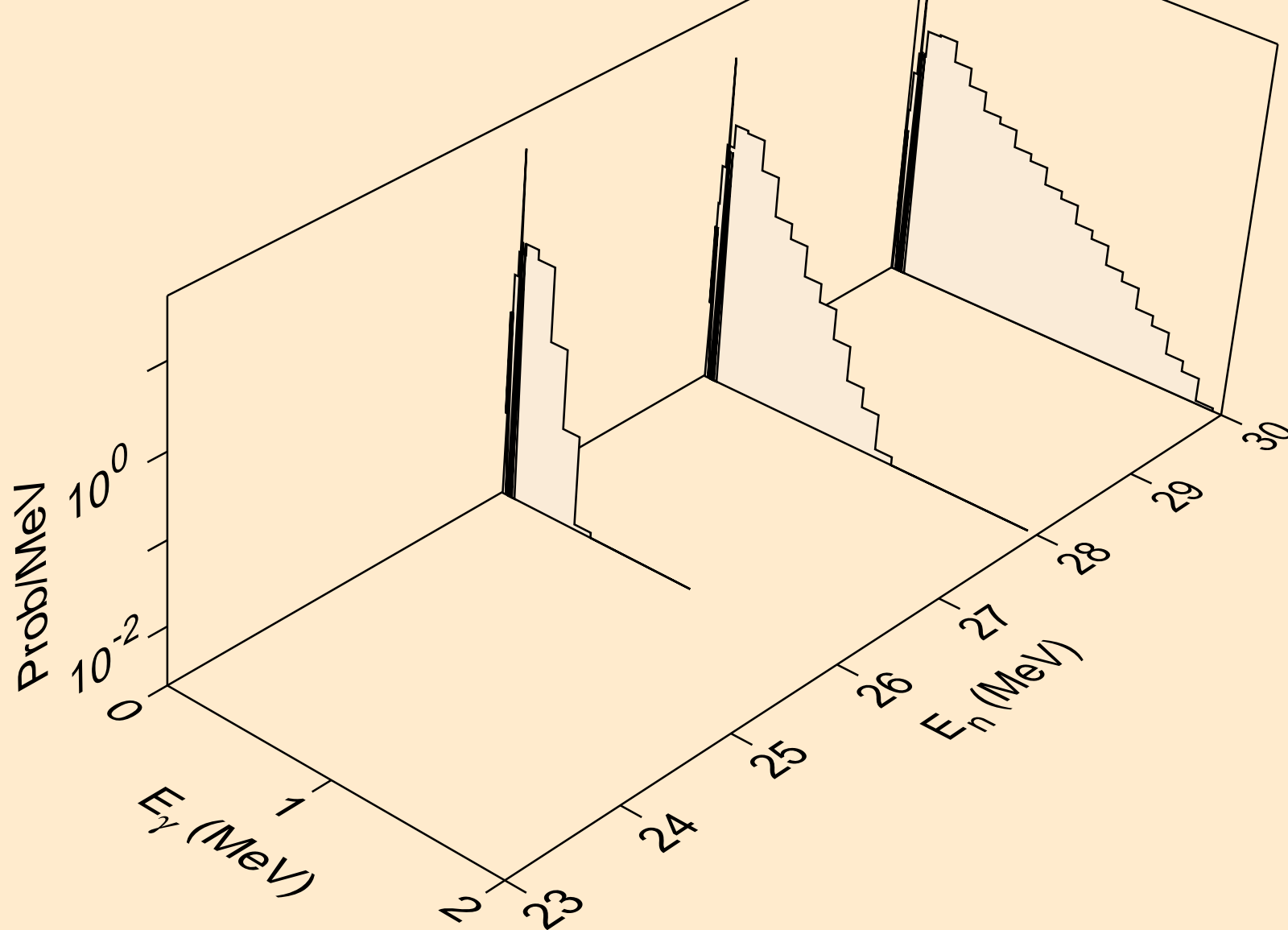




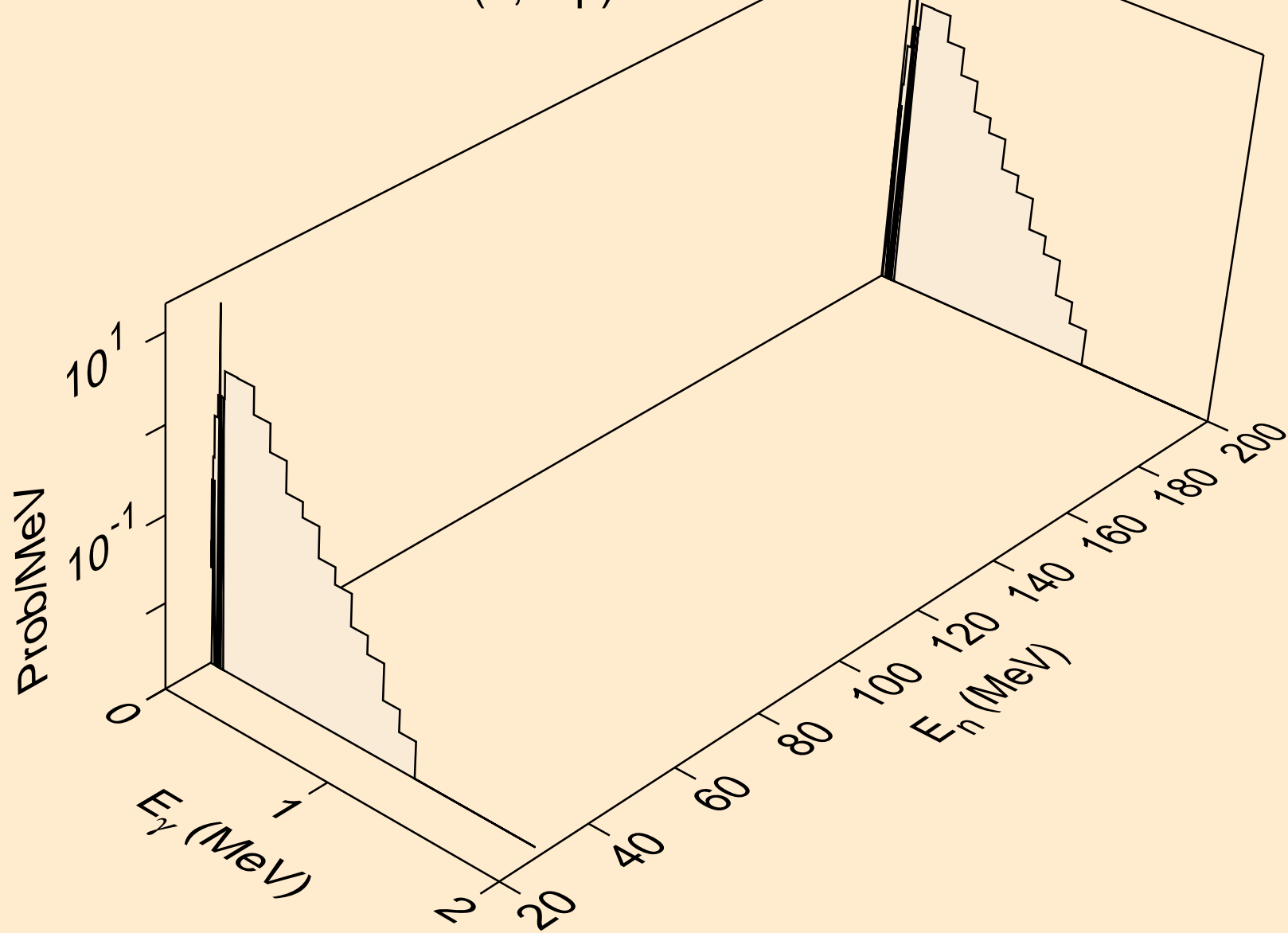
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



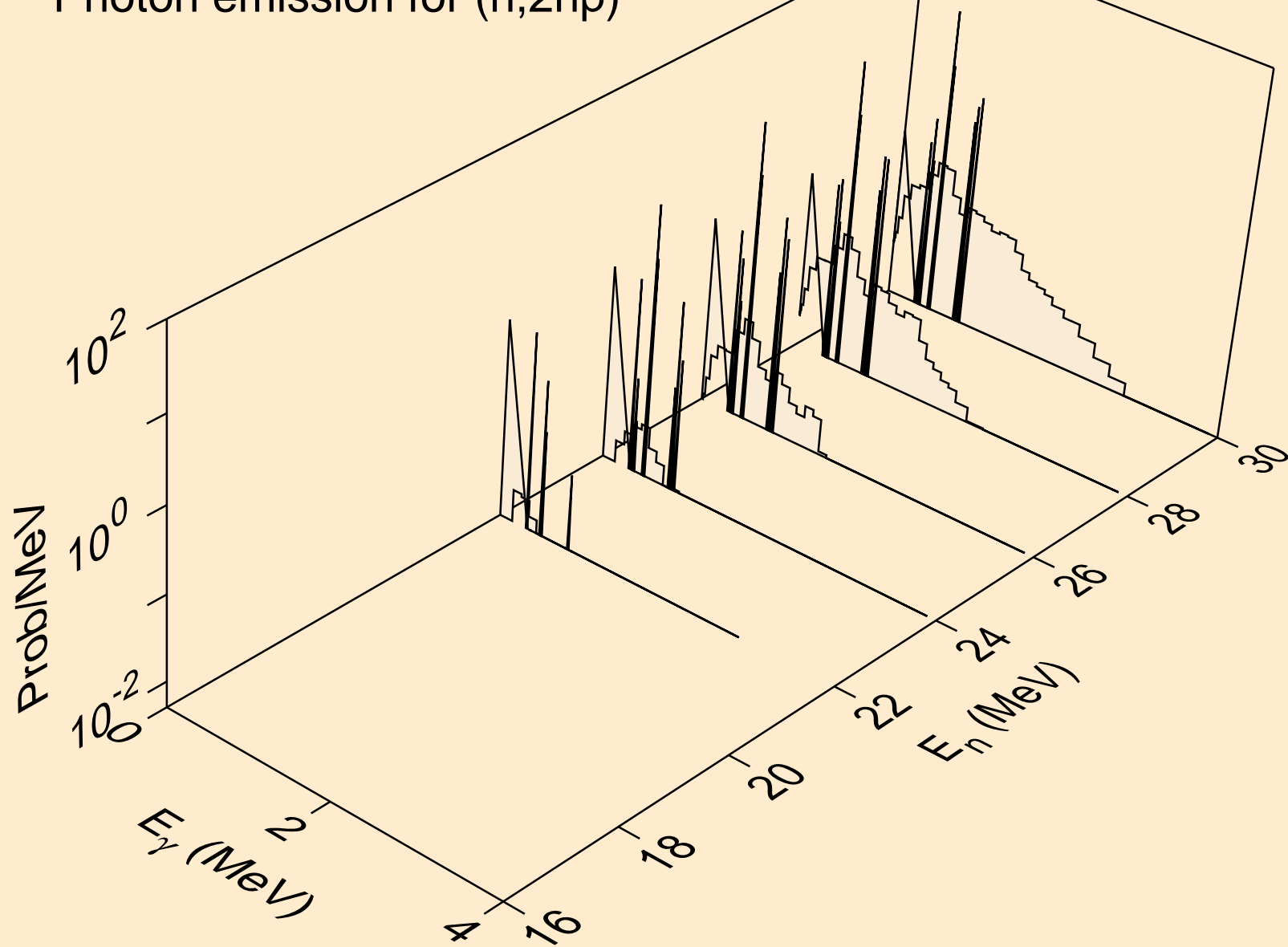
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



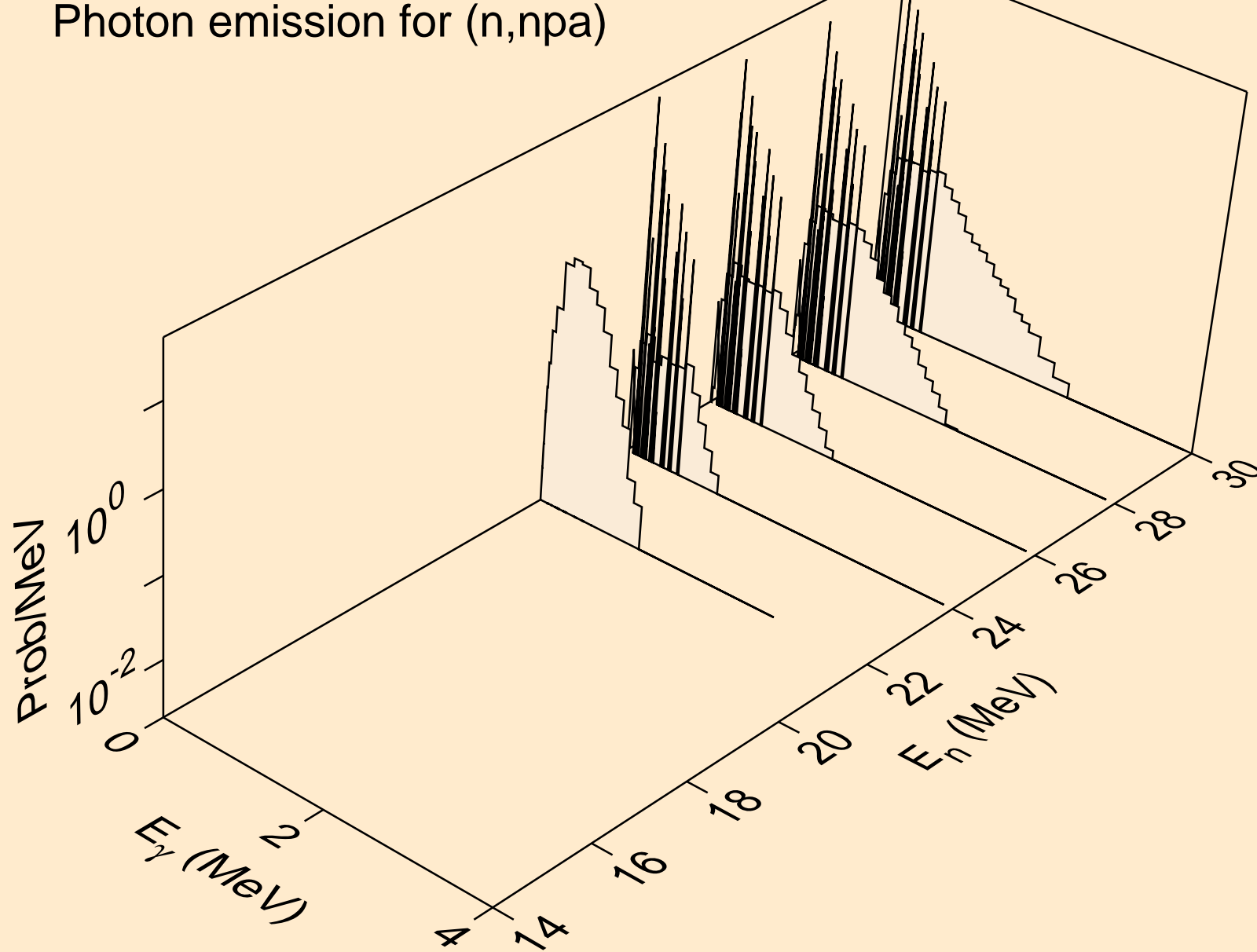
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



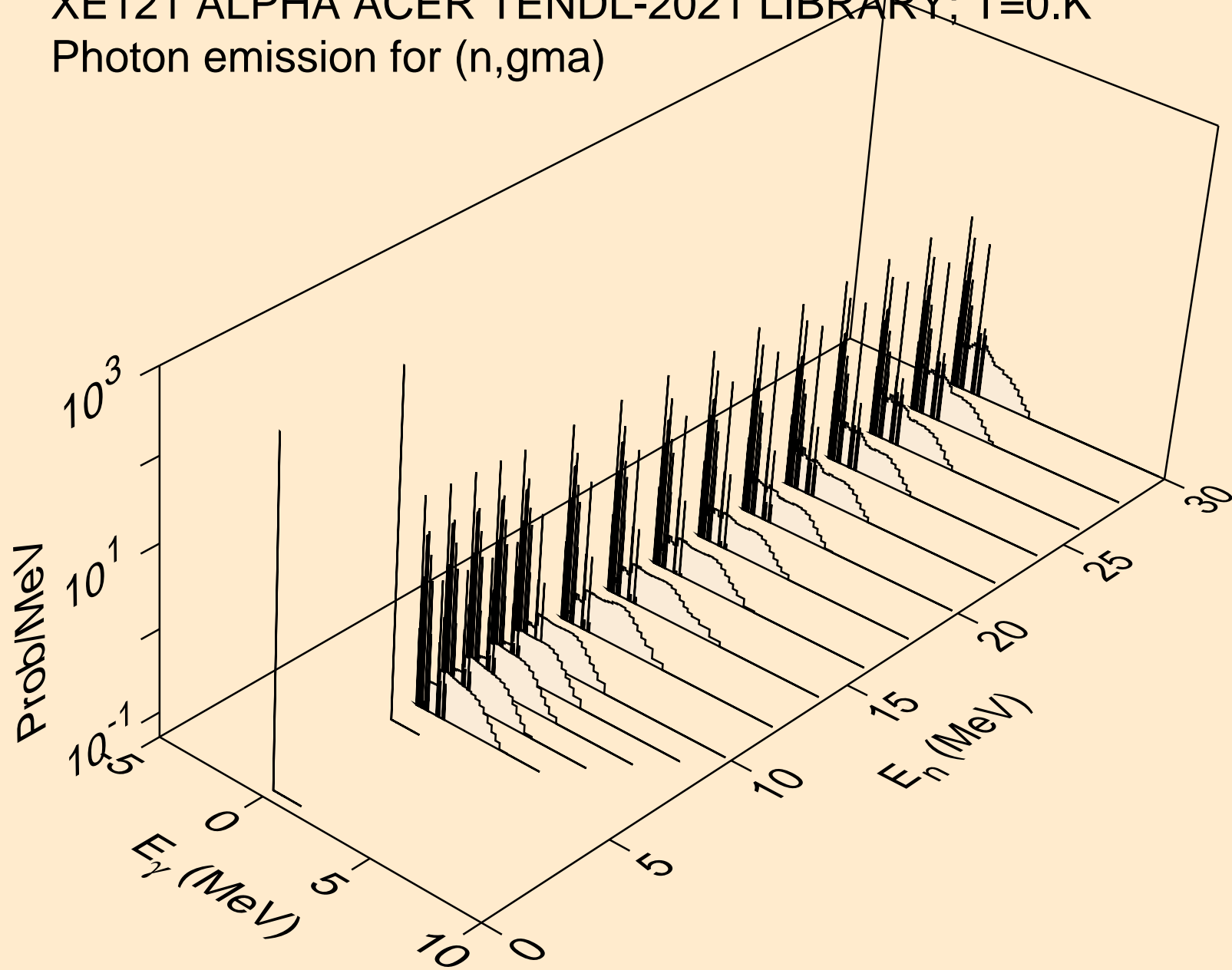
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



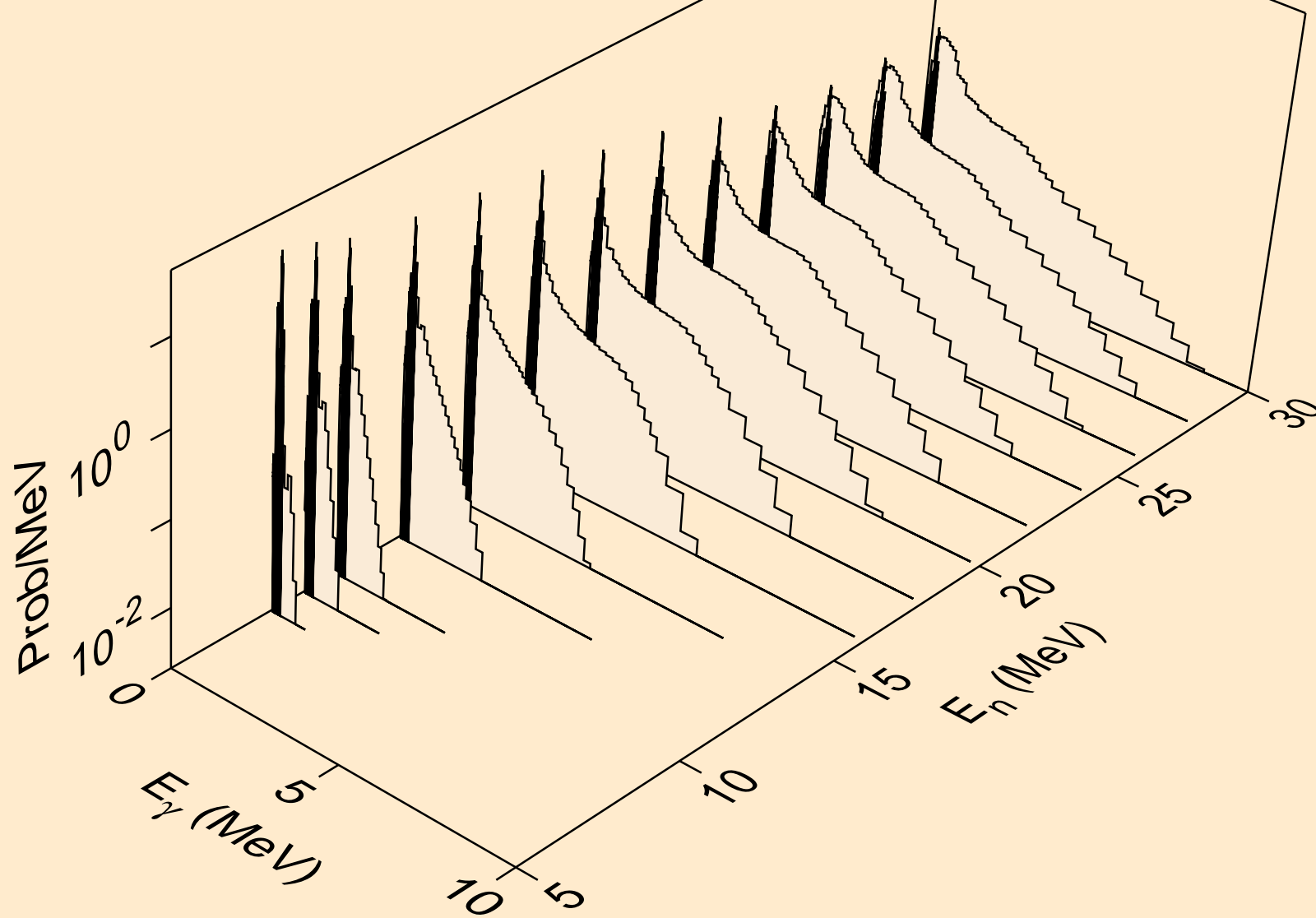
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



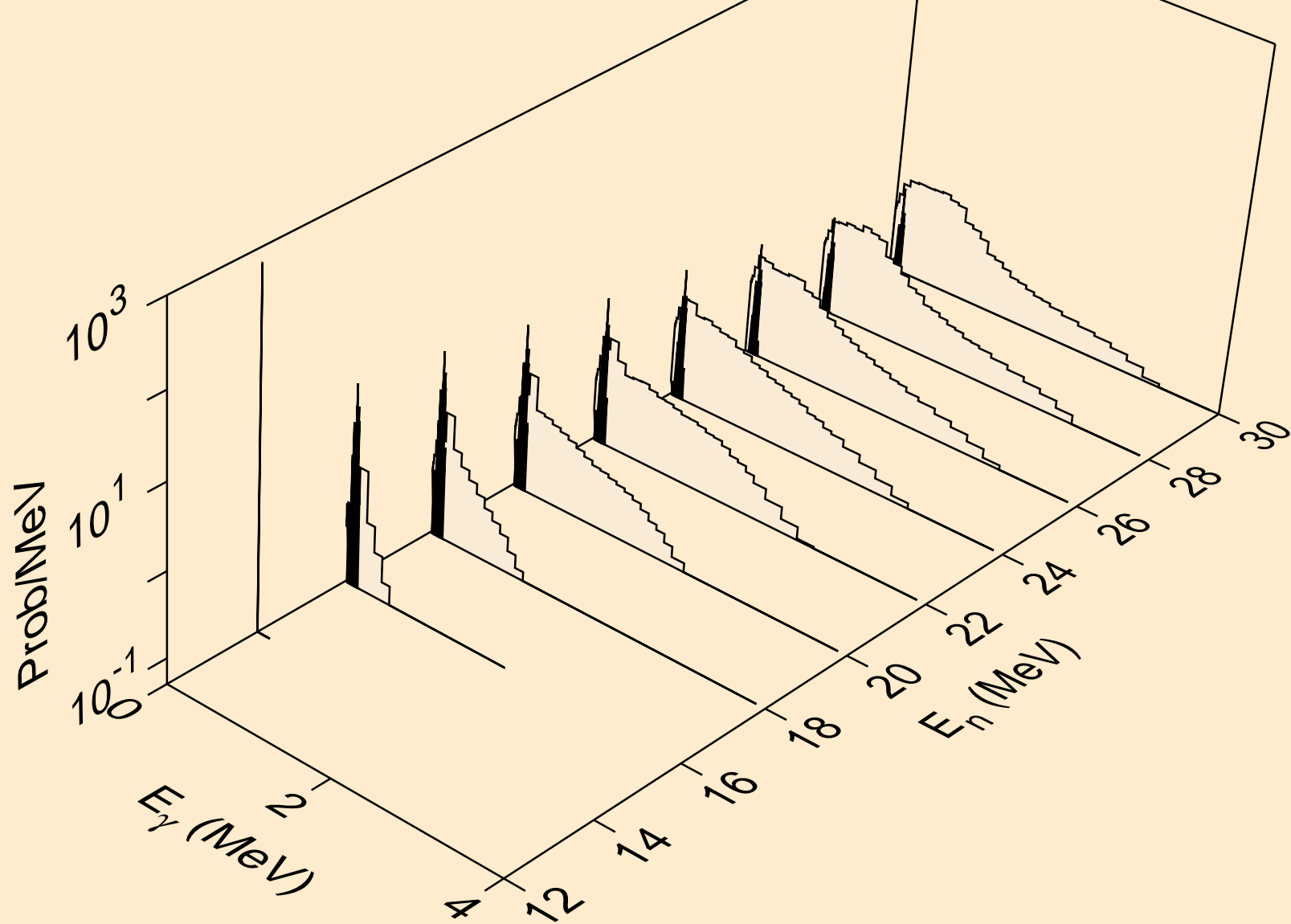
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

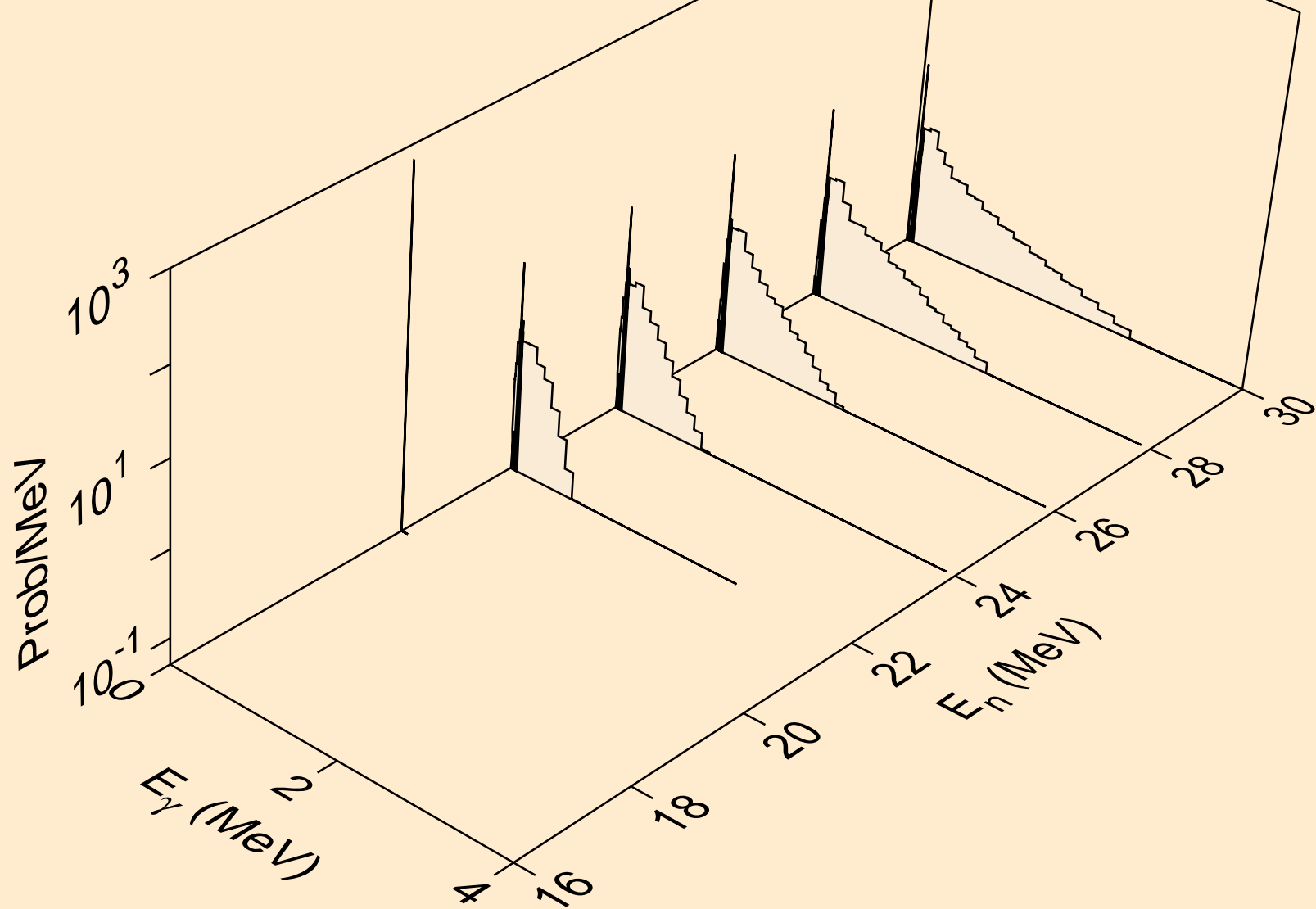


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

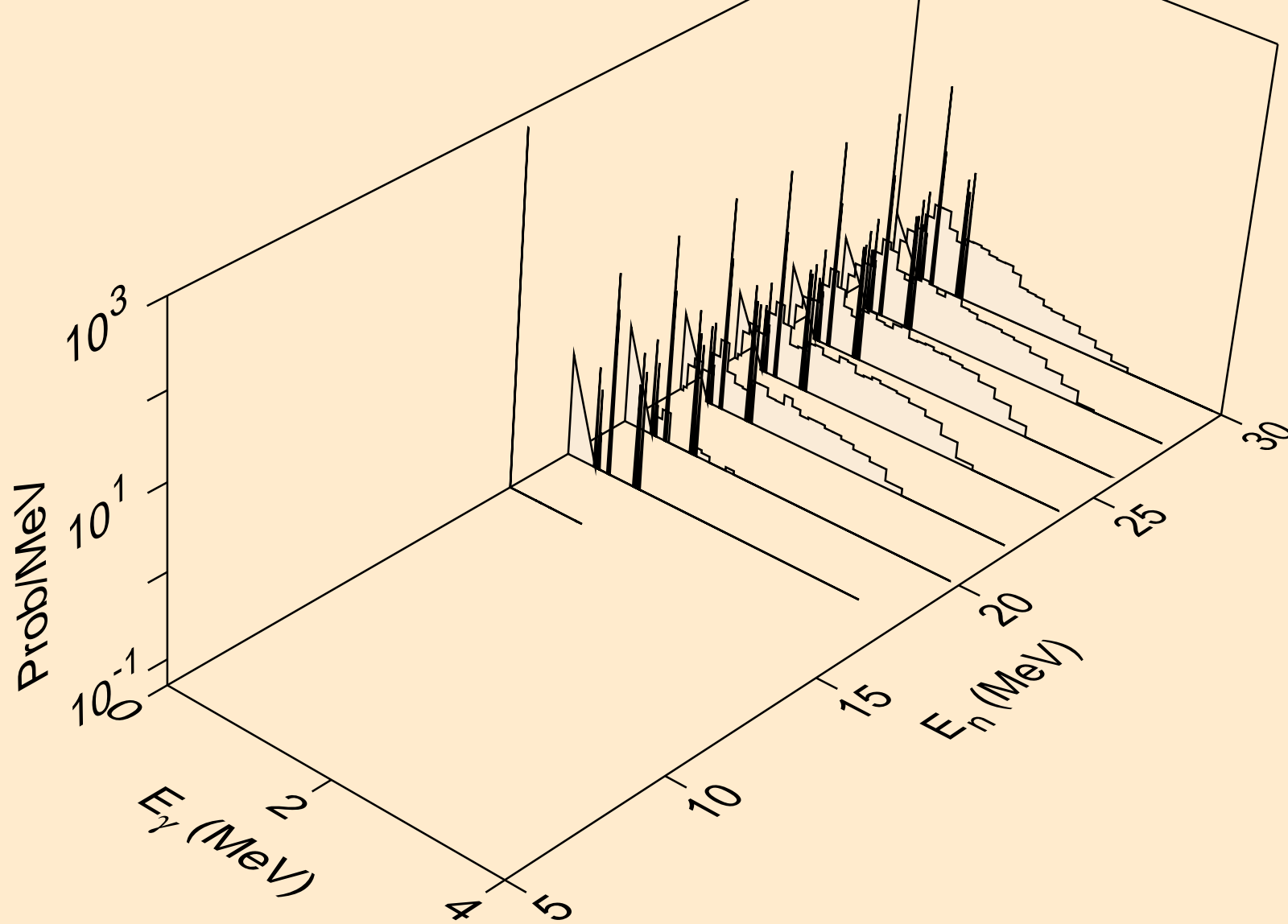




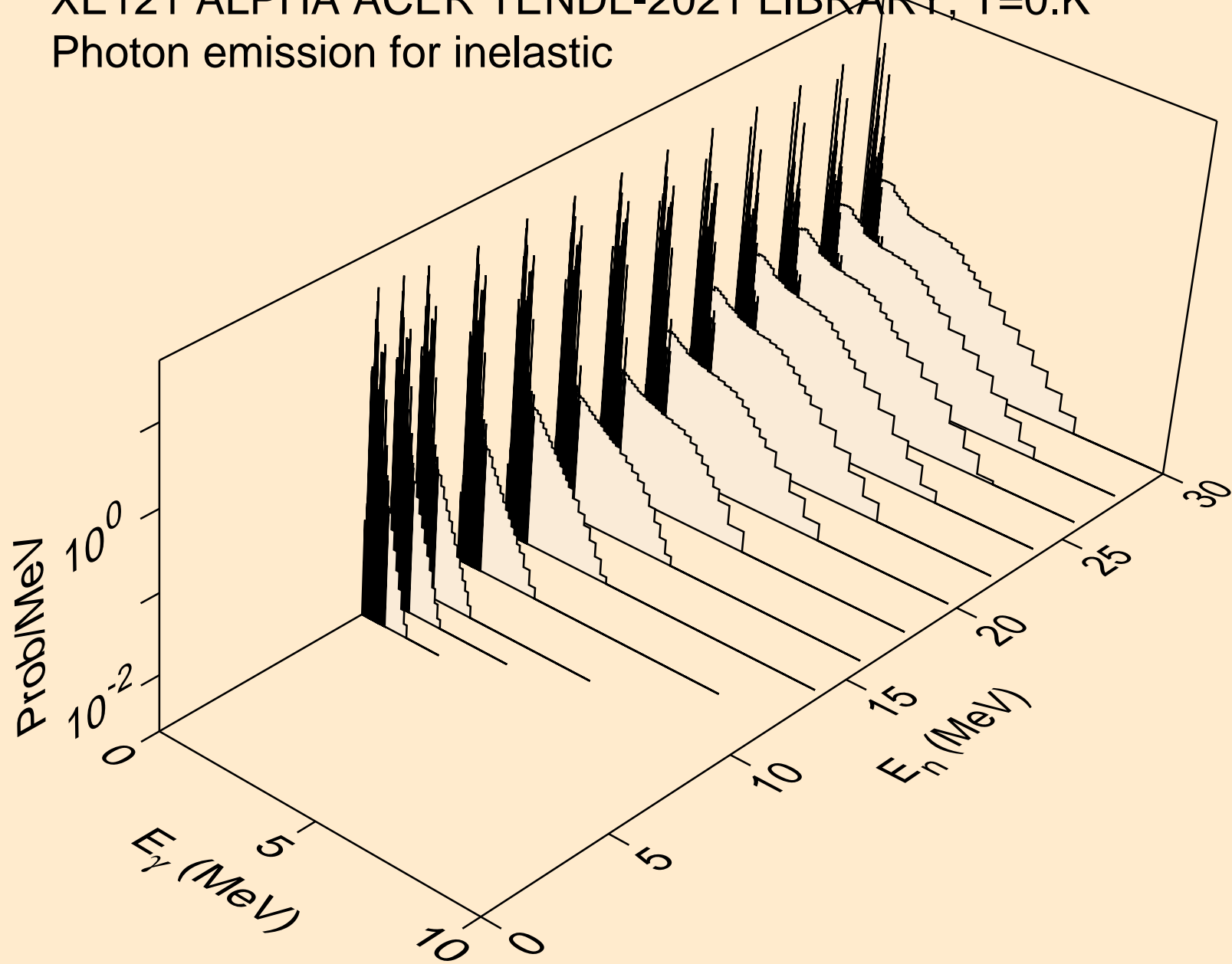
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Photon emission for (n,t)



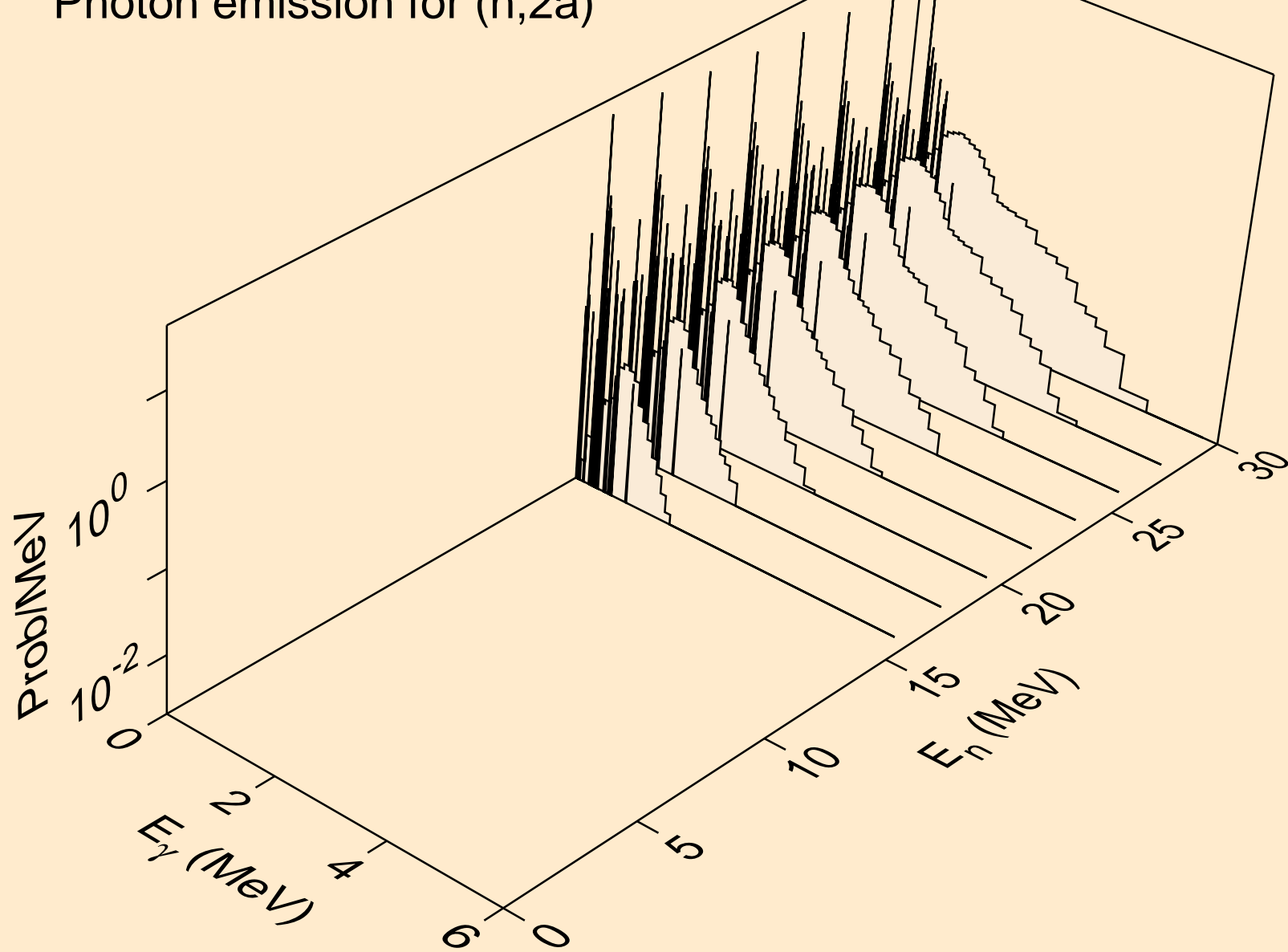
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Photon emission for (n,he3)



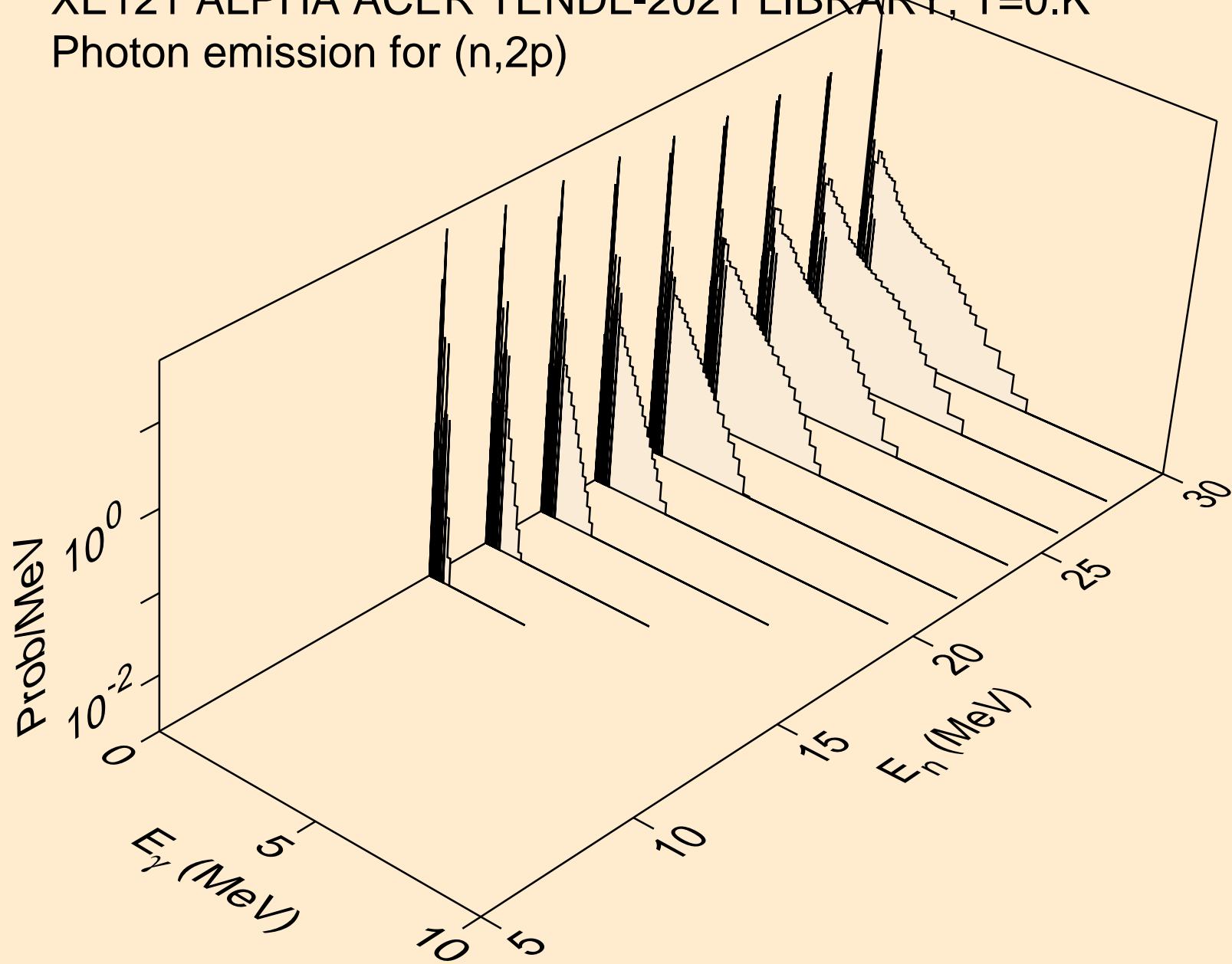
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



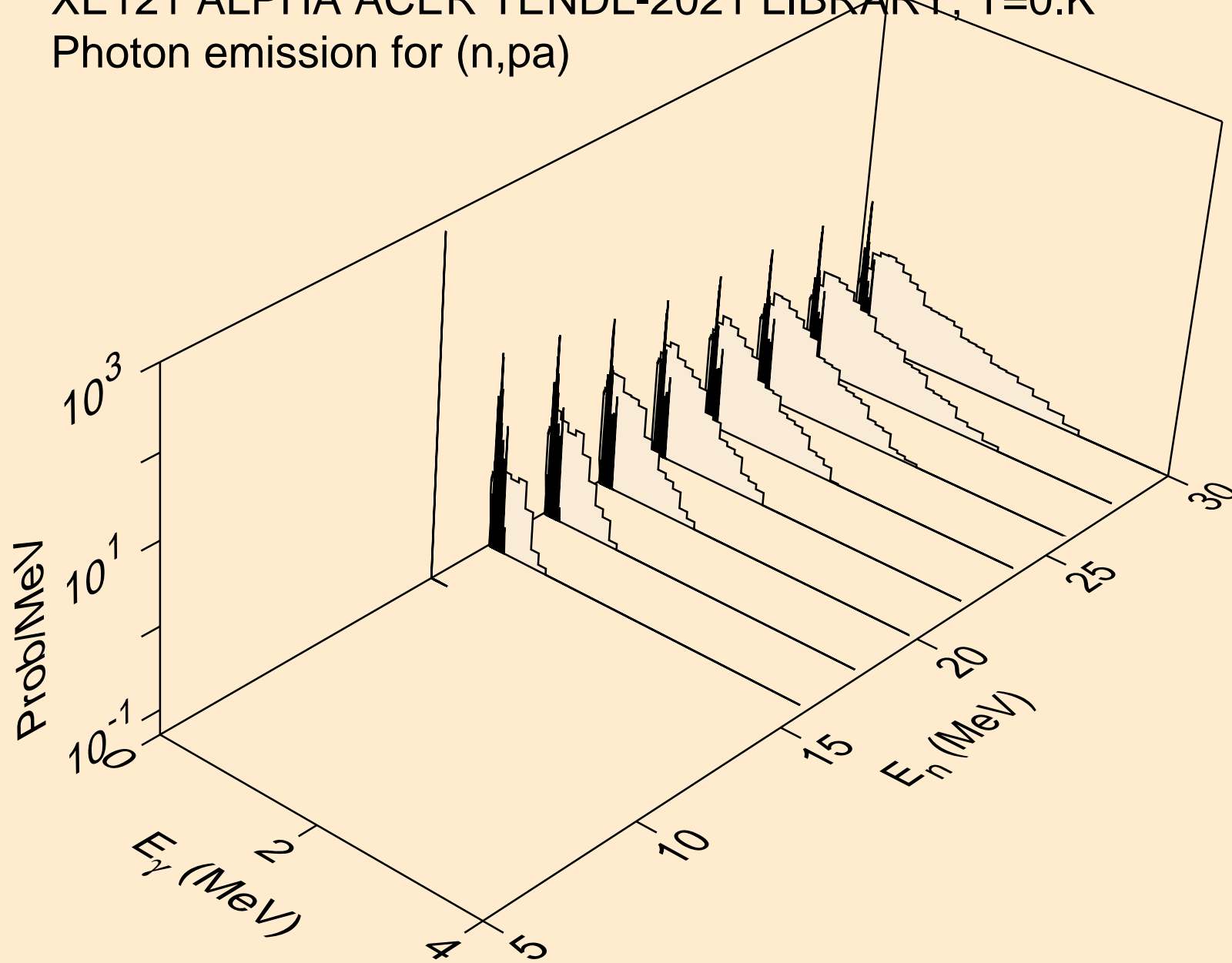
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



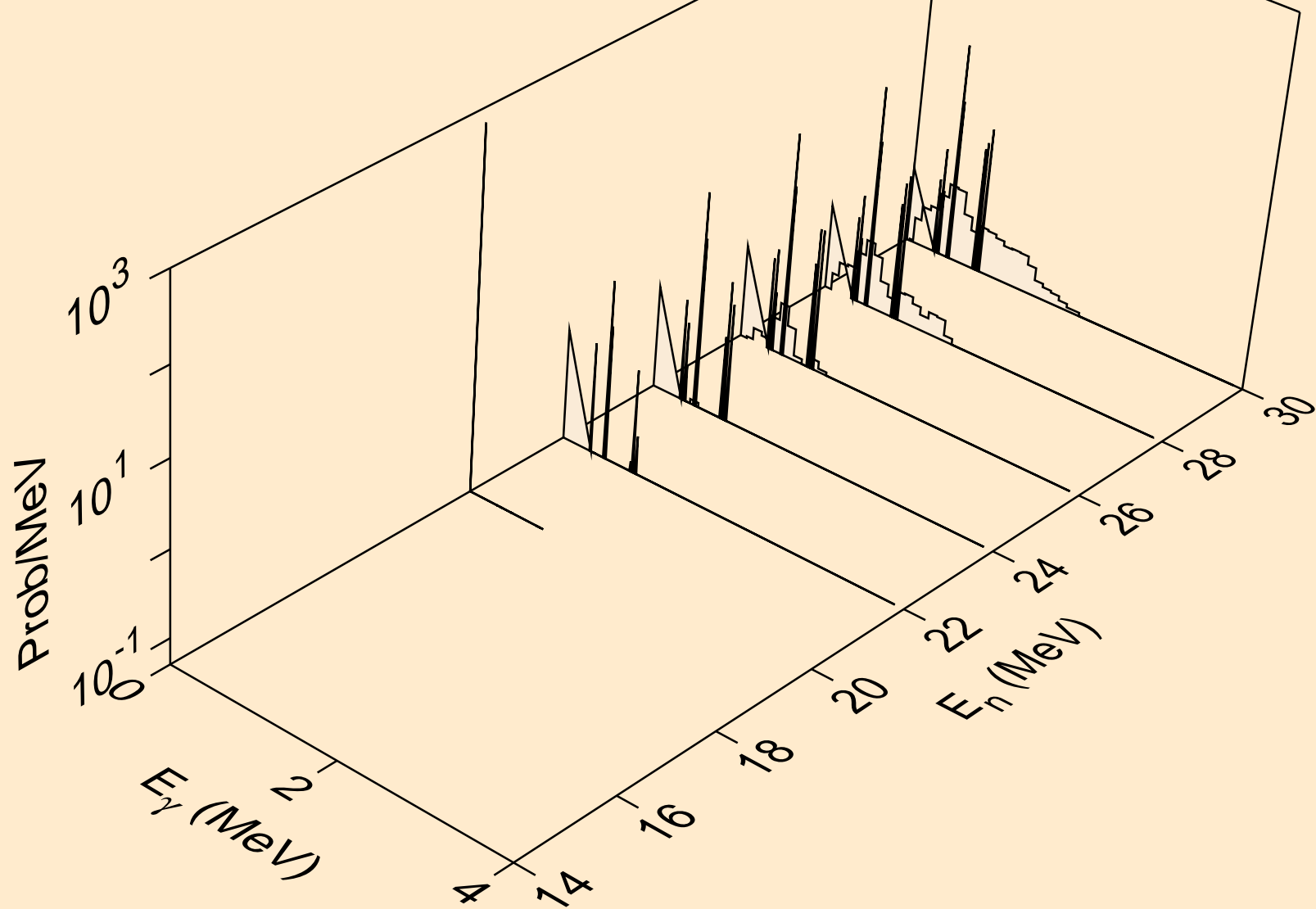
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Photon emission for (n,2p)



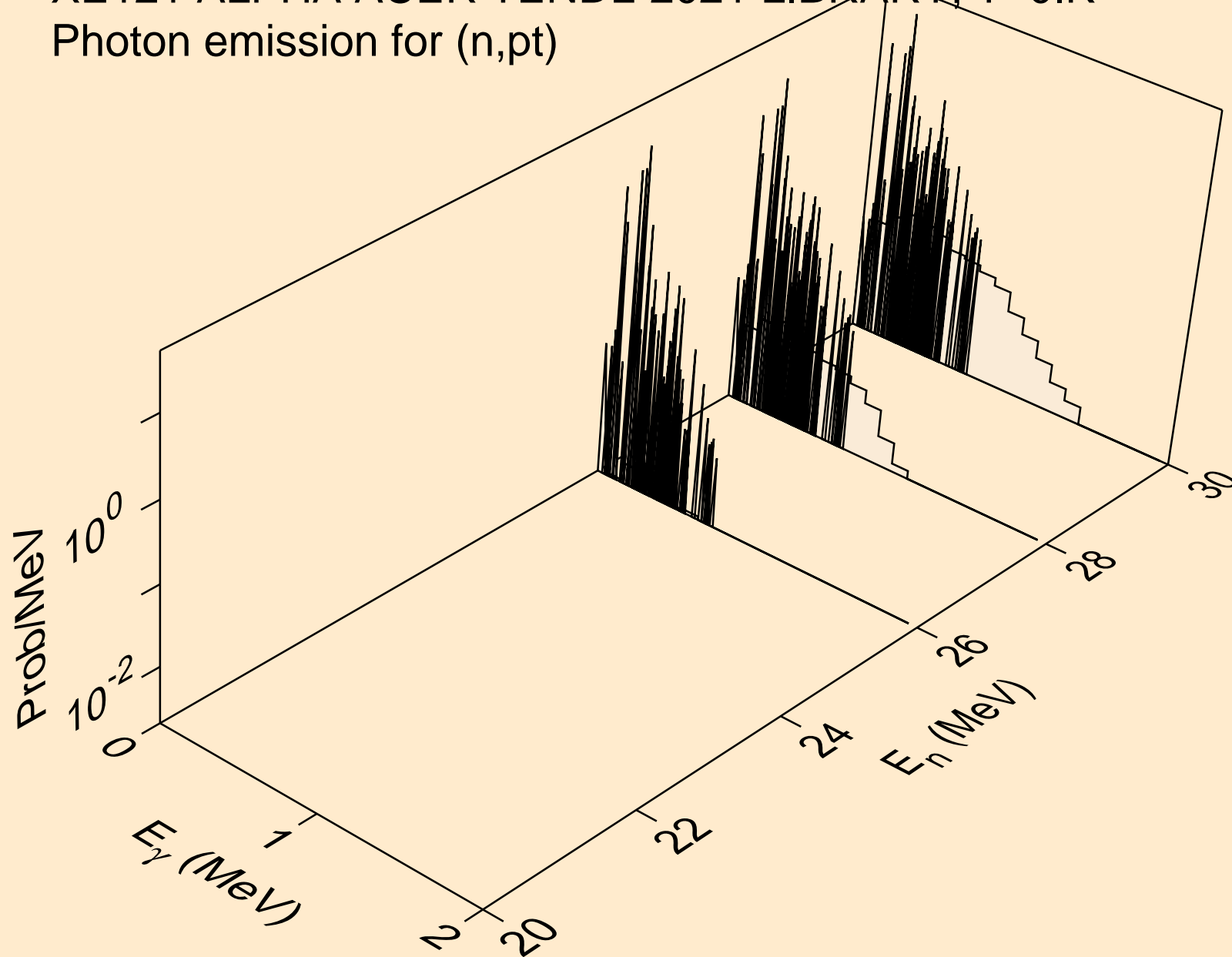
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

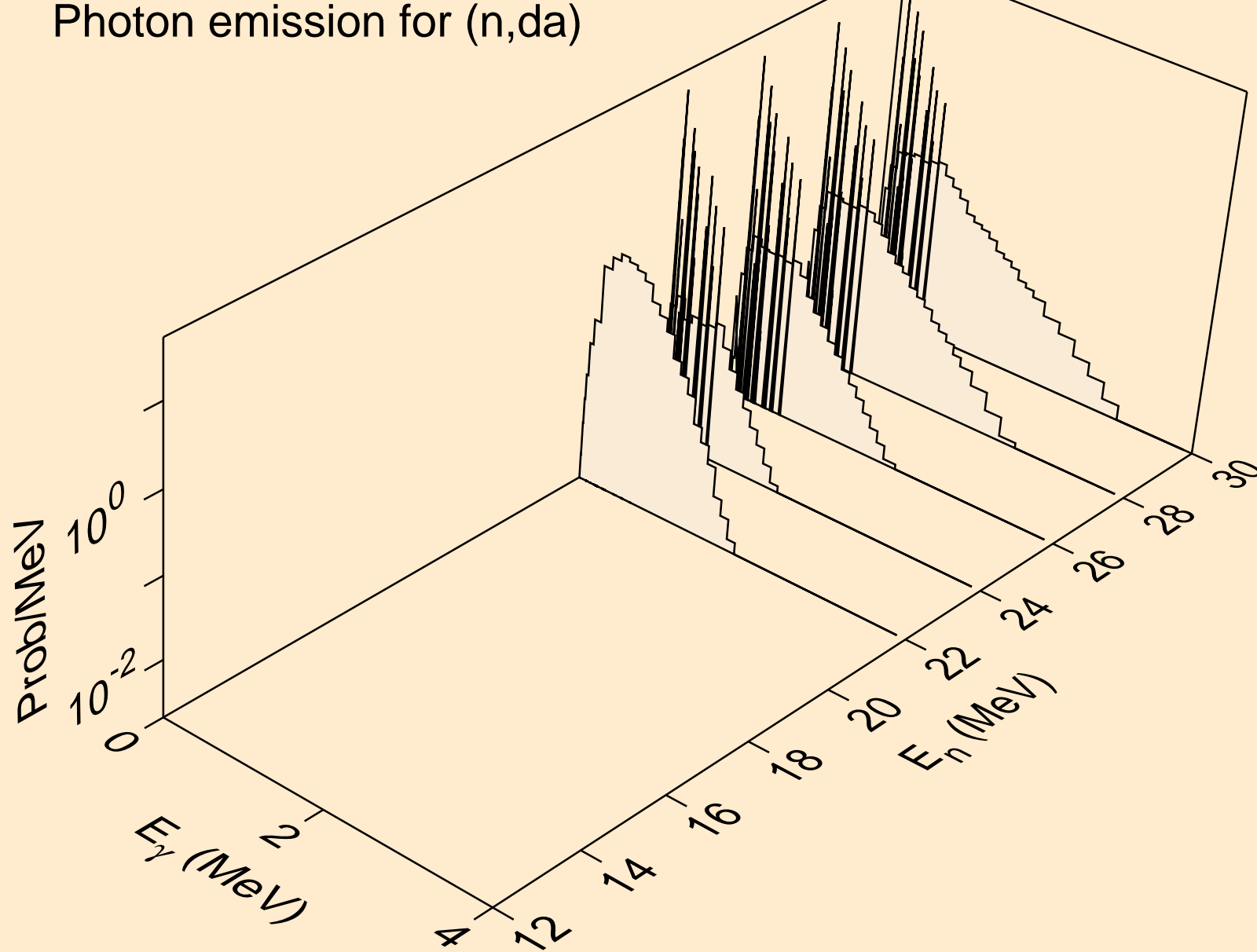


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

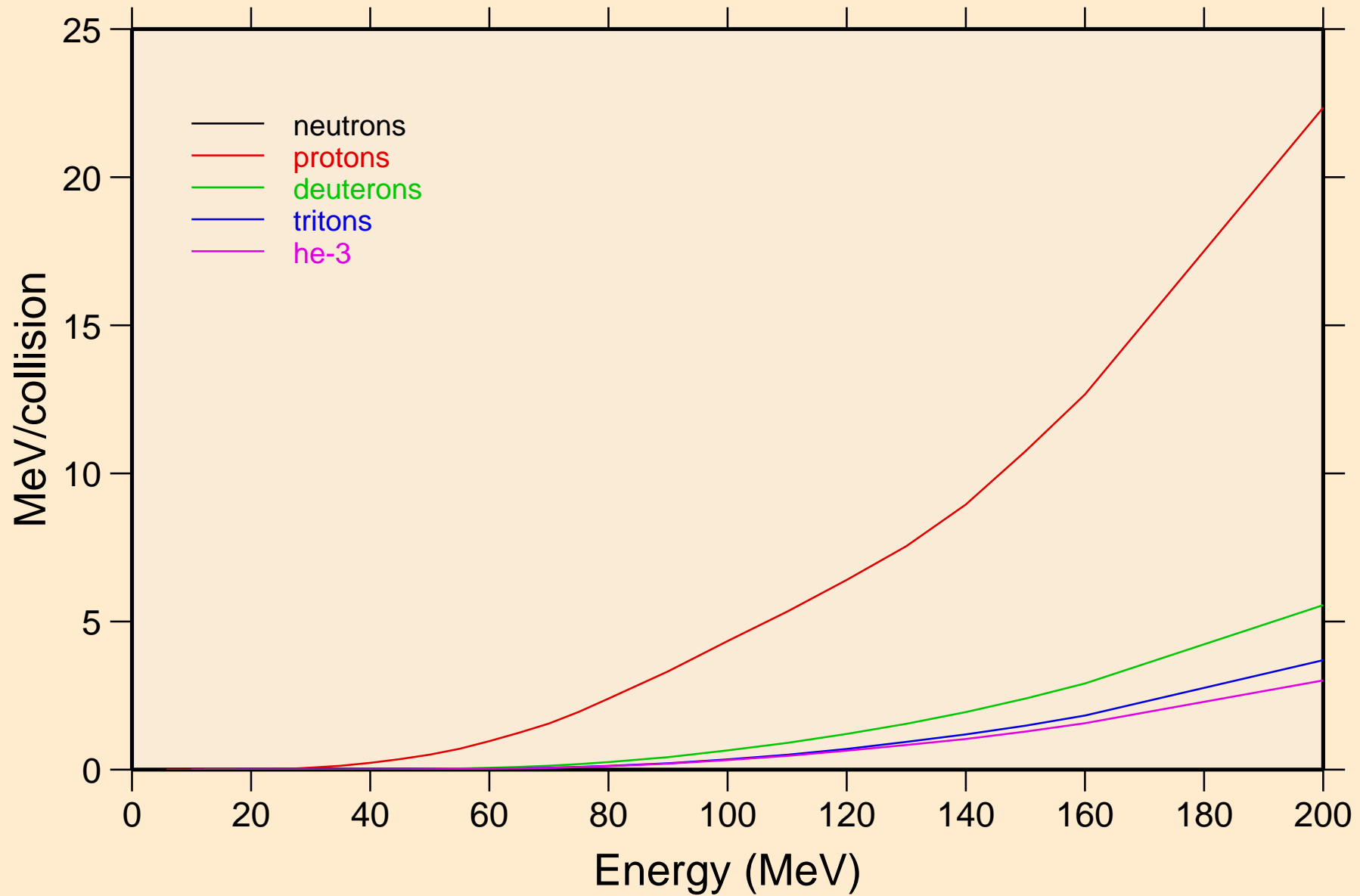




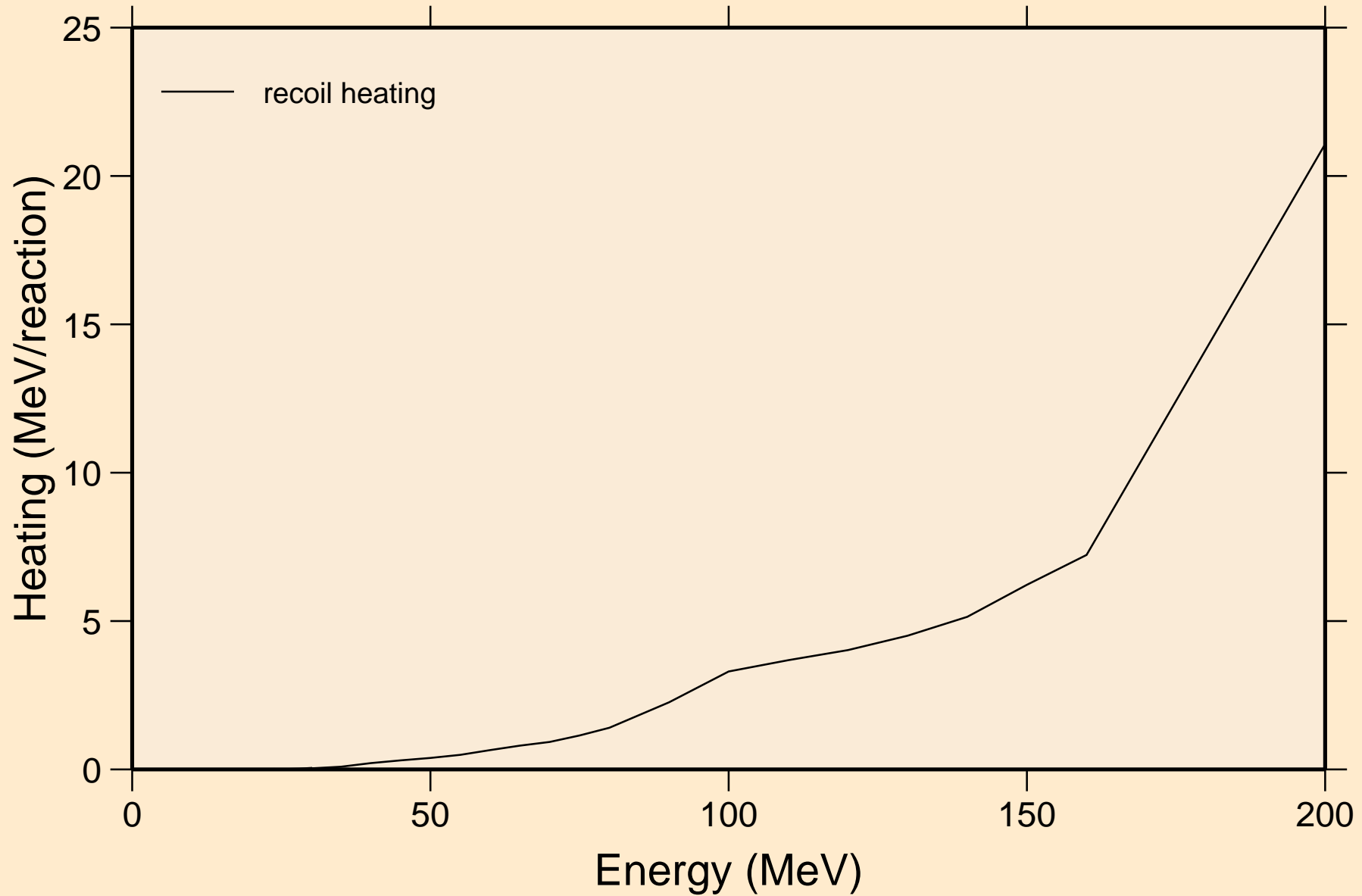
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Photon emission for (n,da)



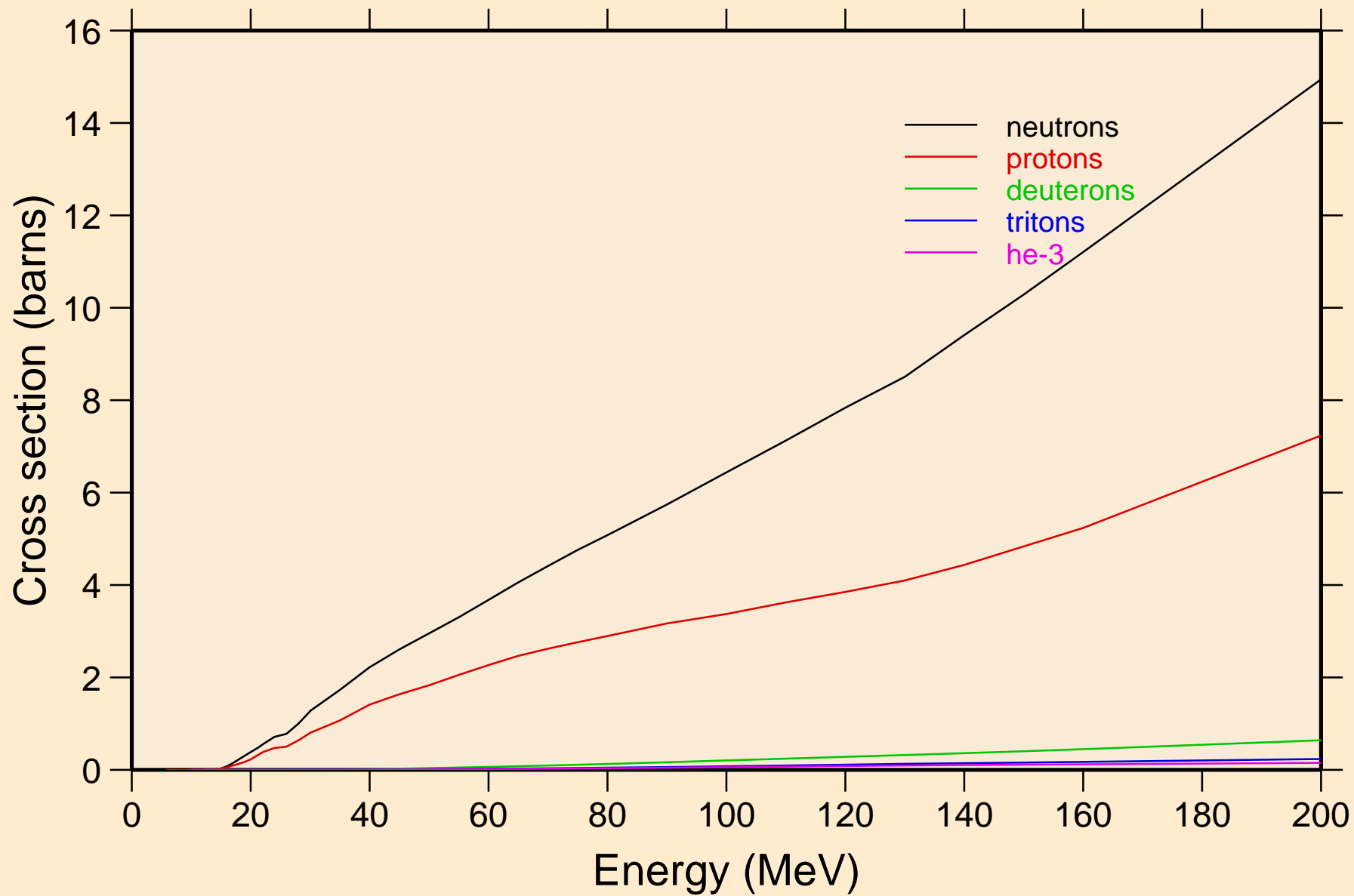
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



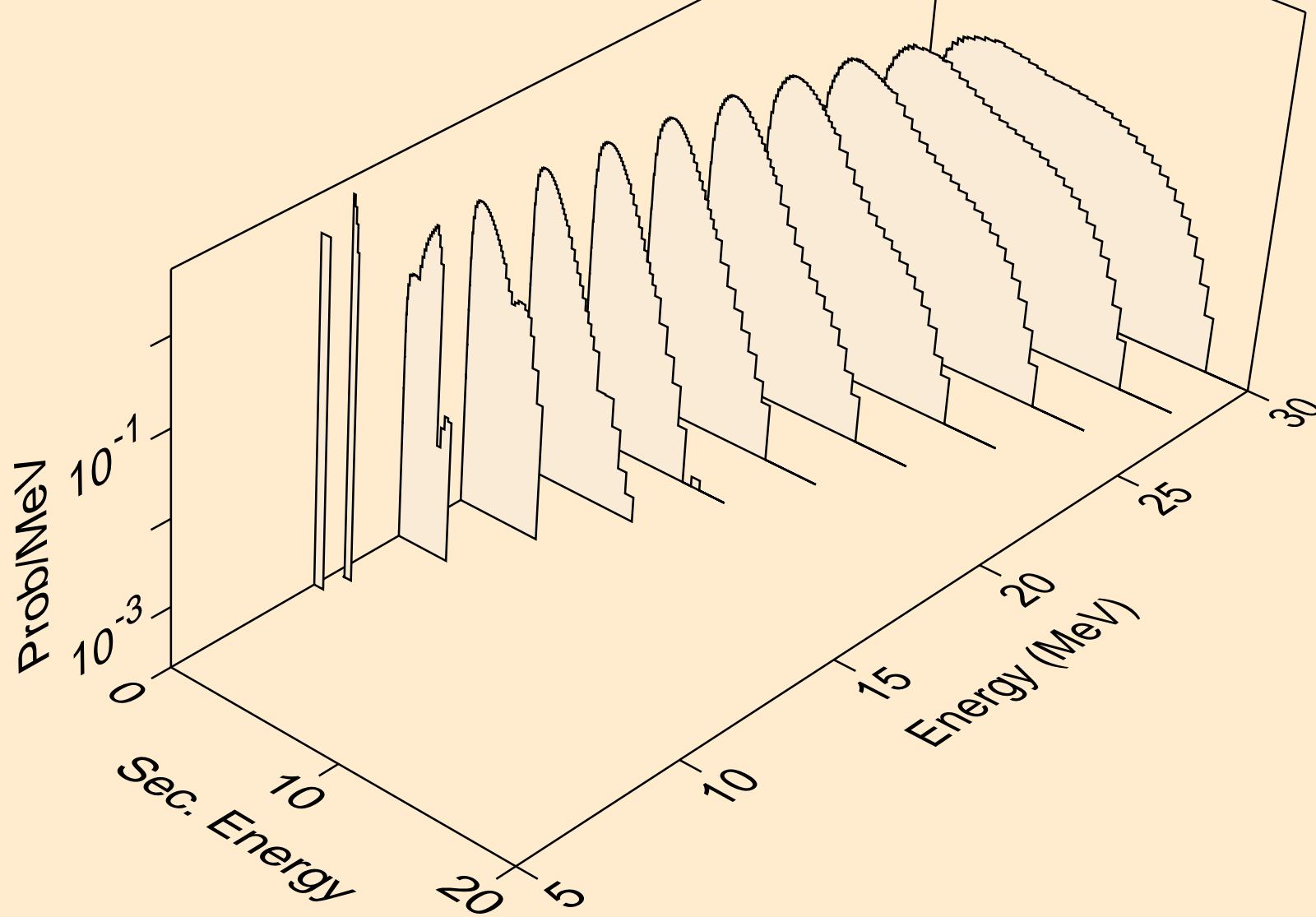
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Recoil Heating



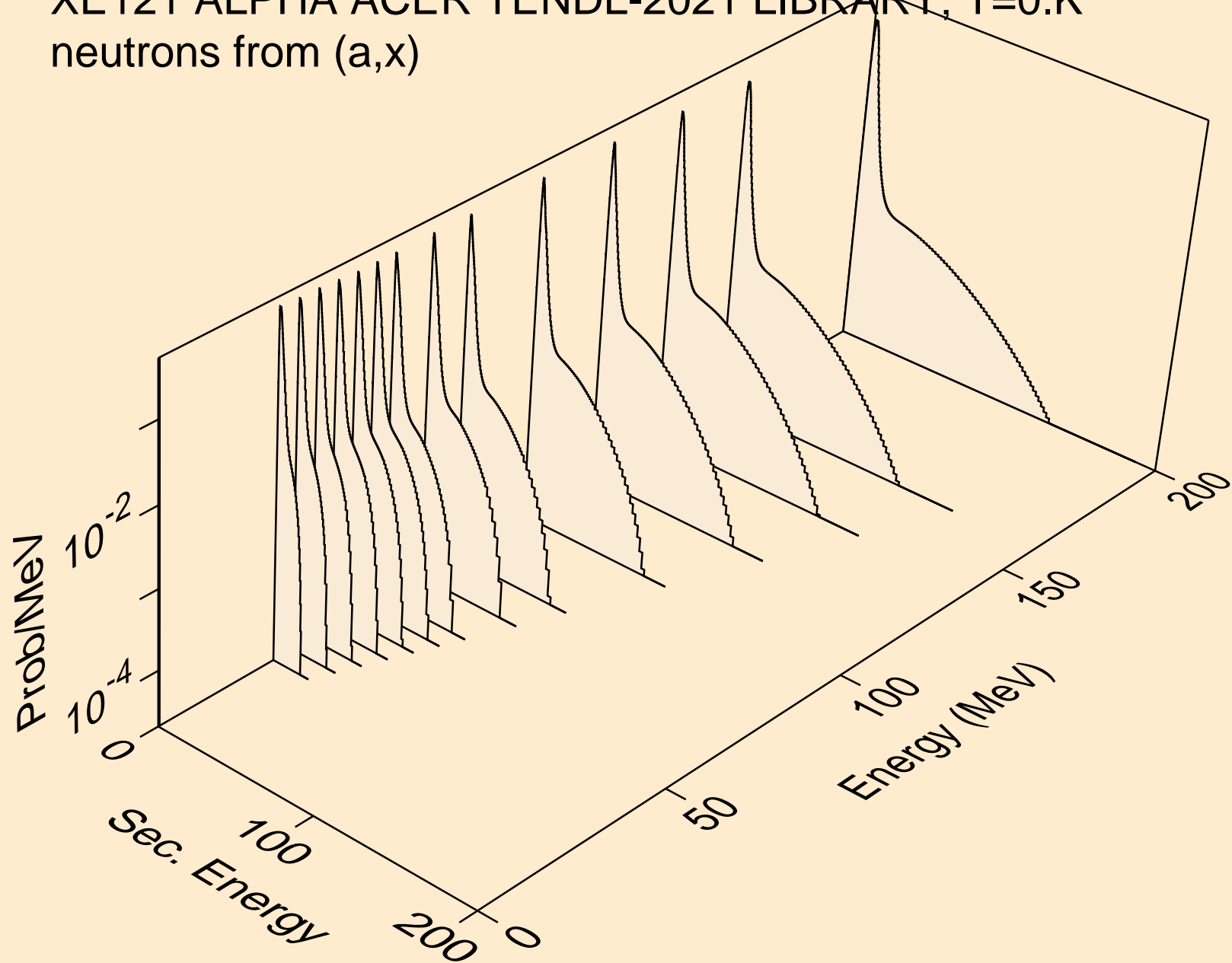
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



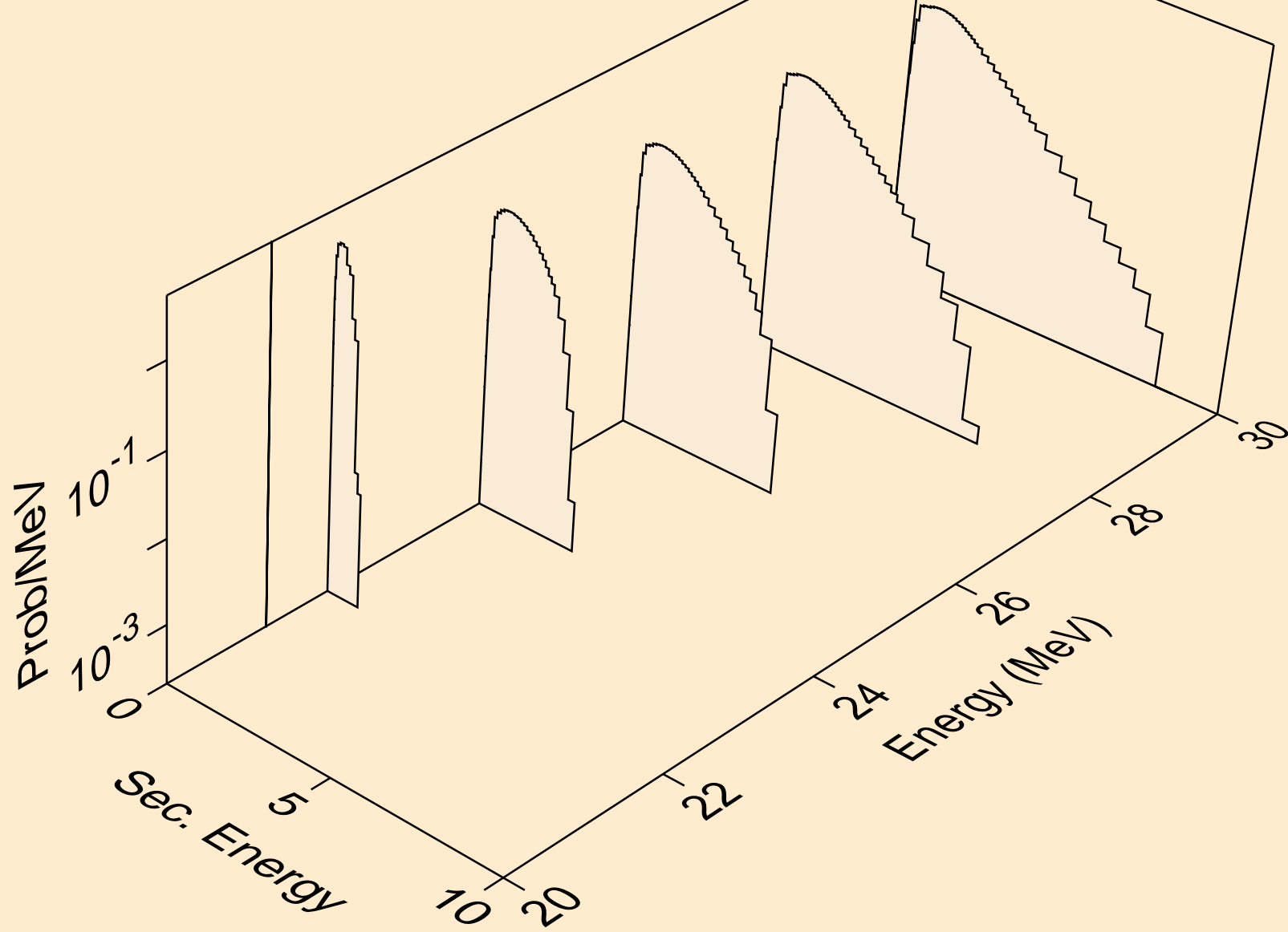
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



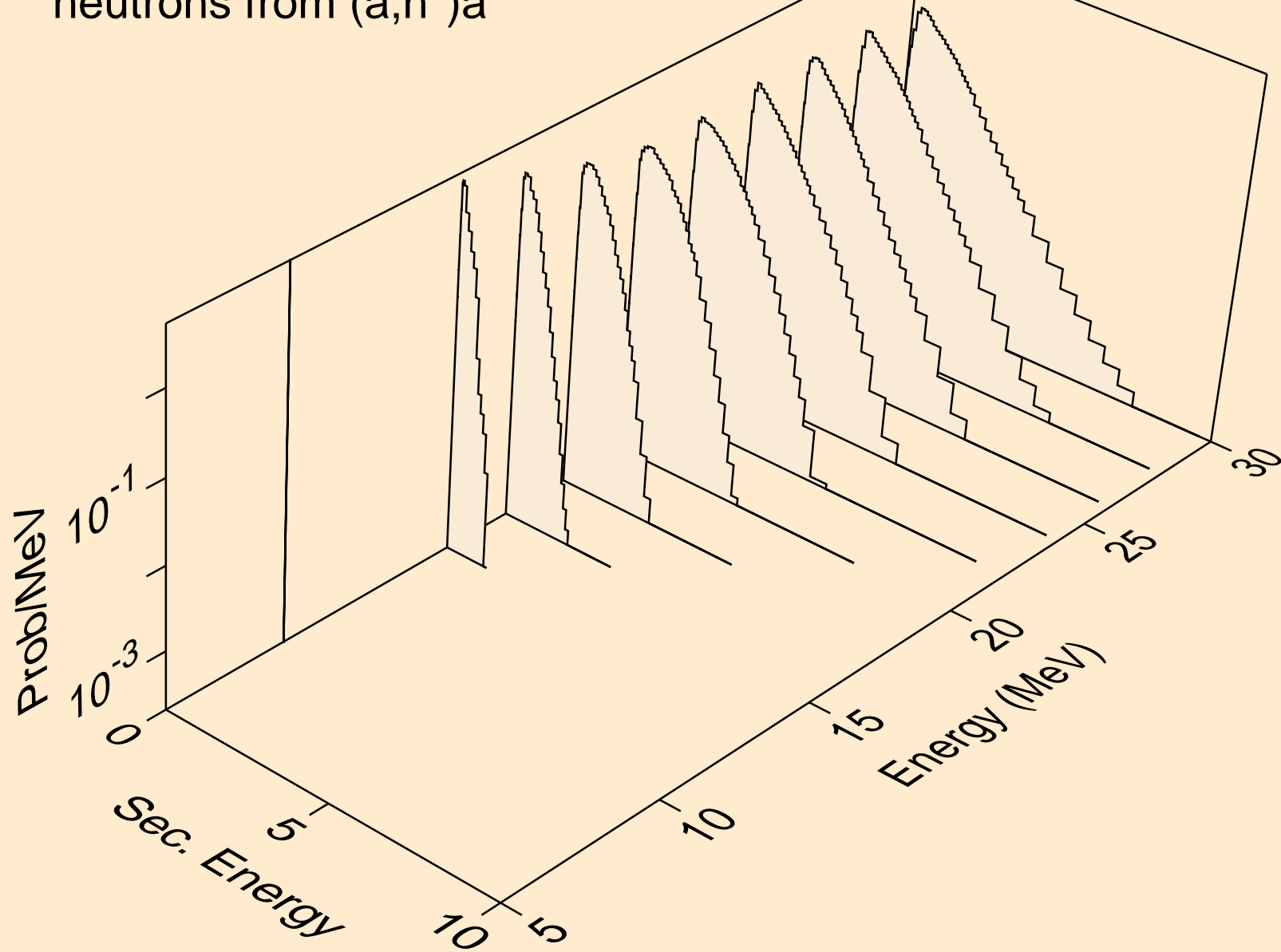
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

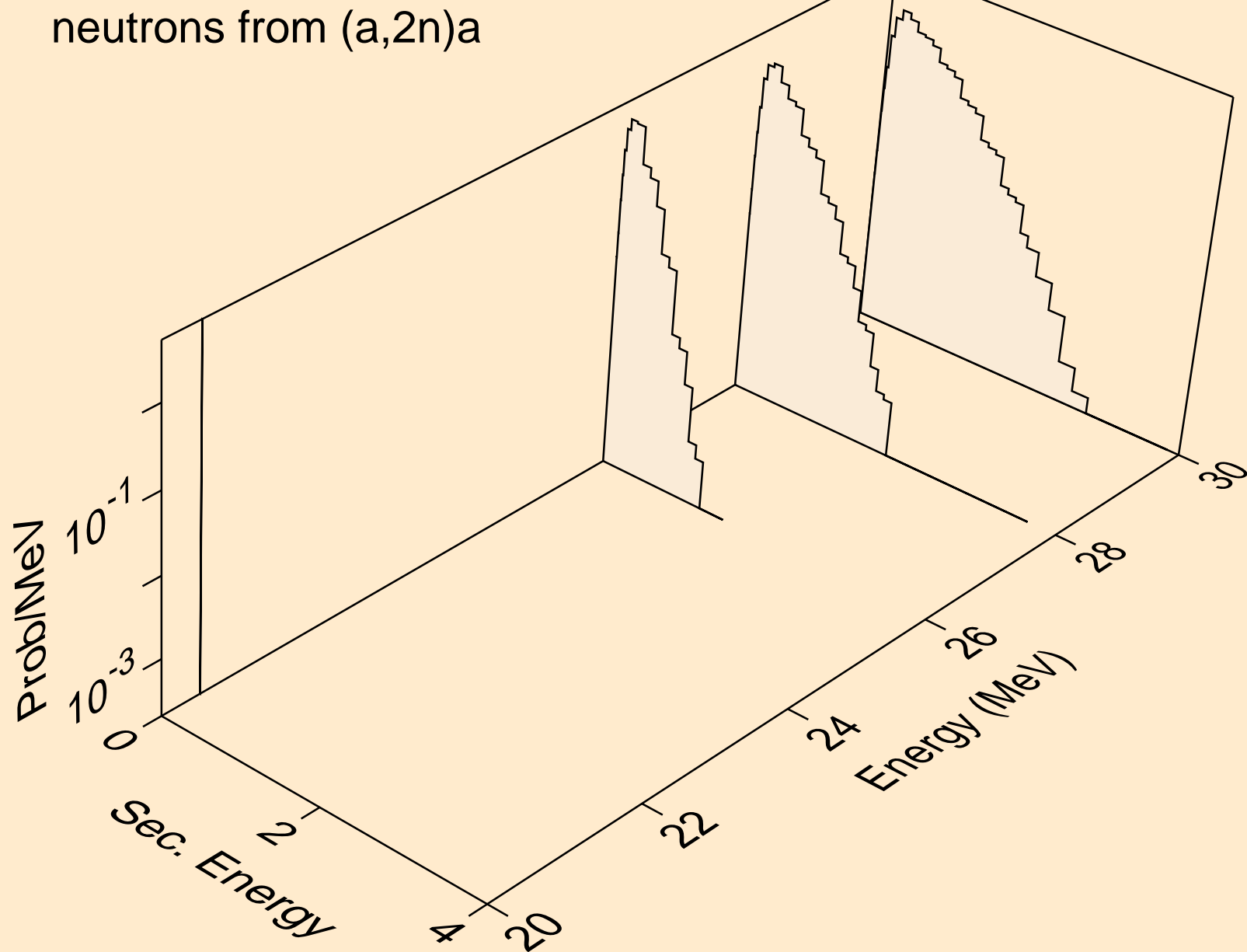


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

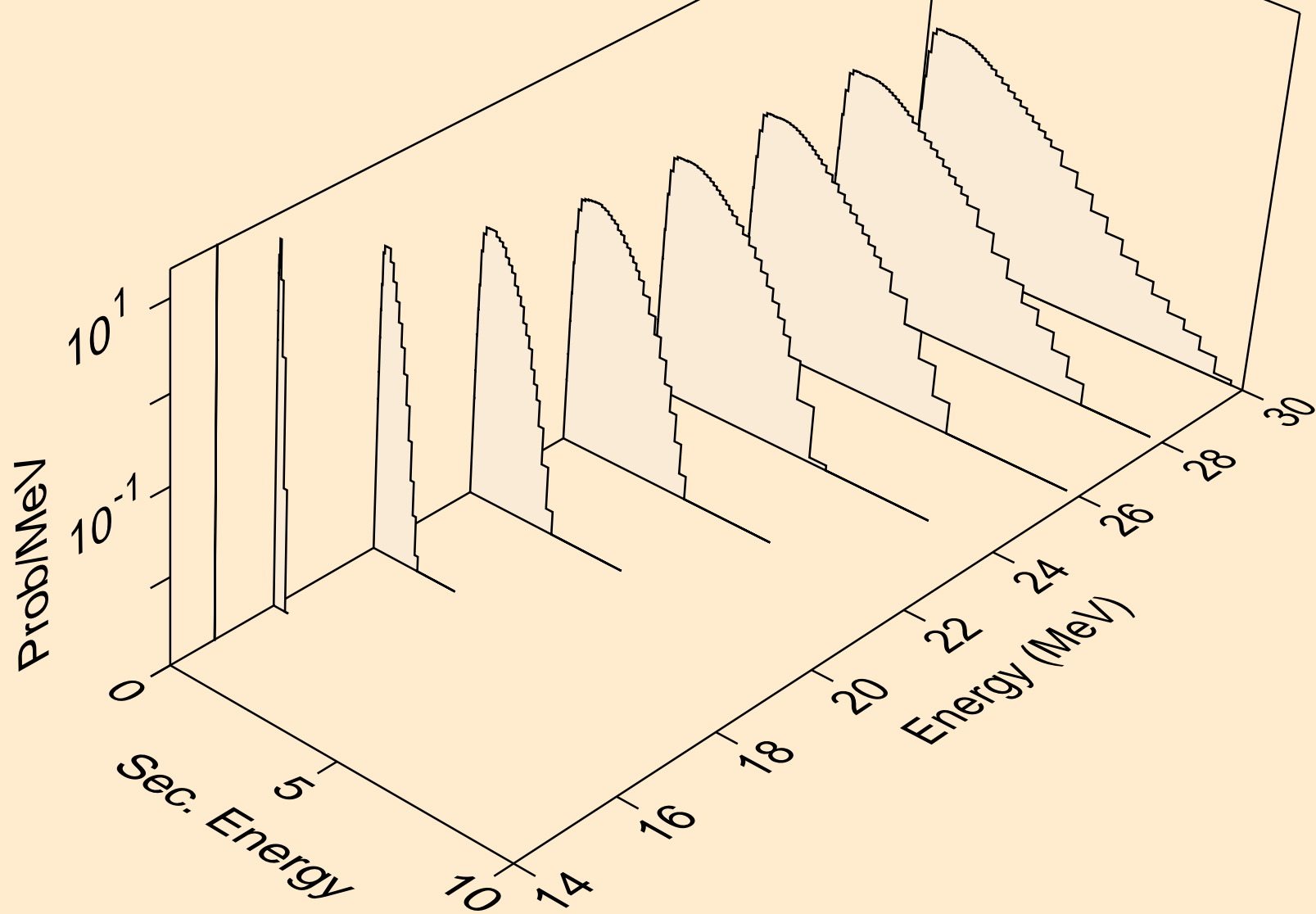




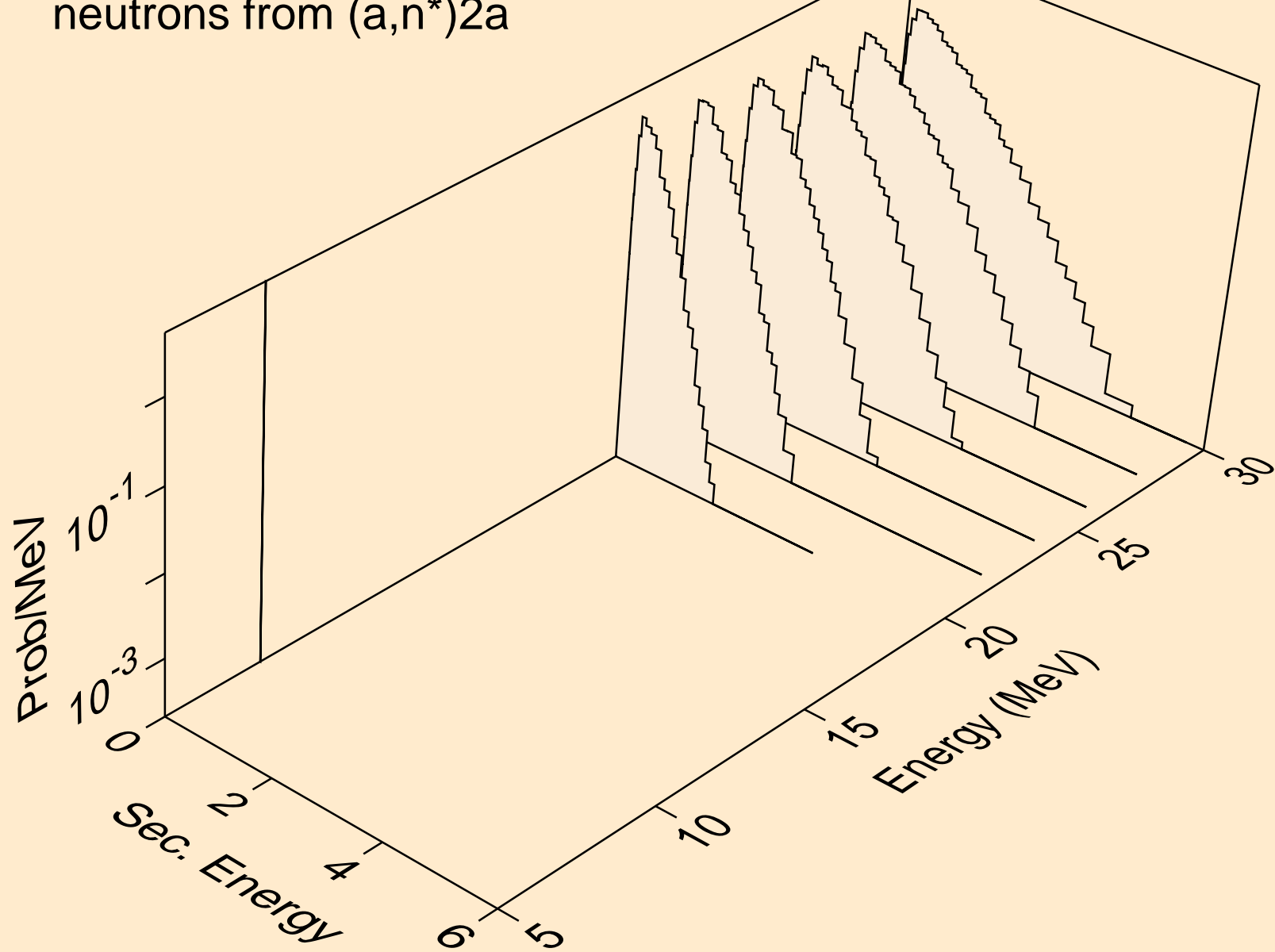
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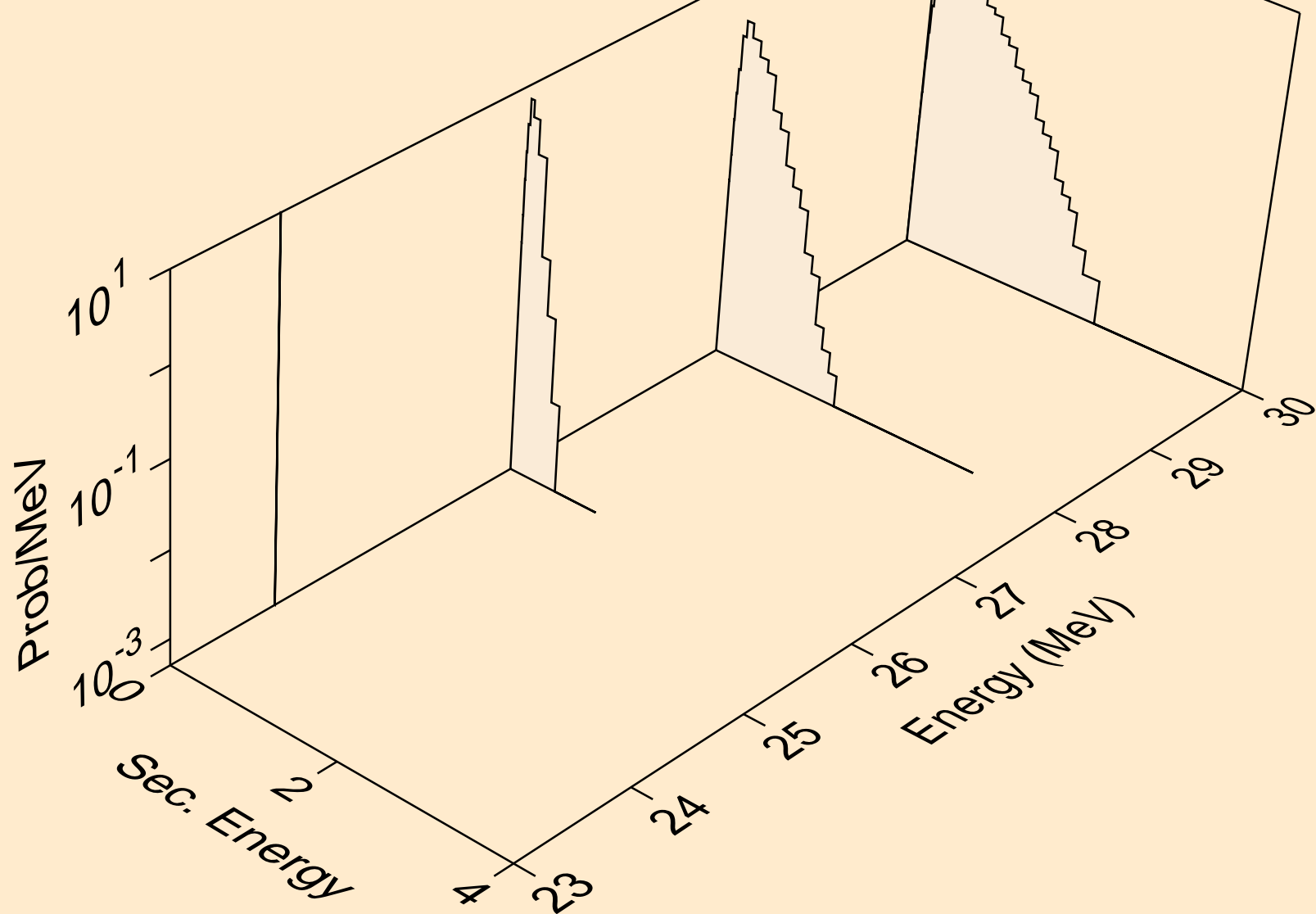
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



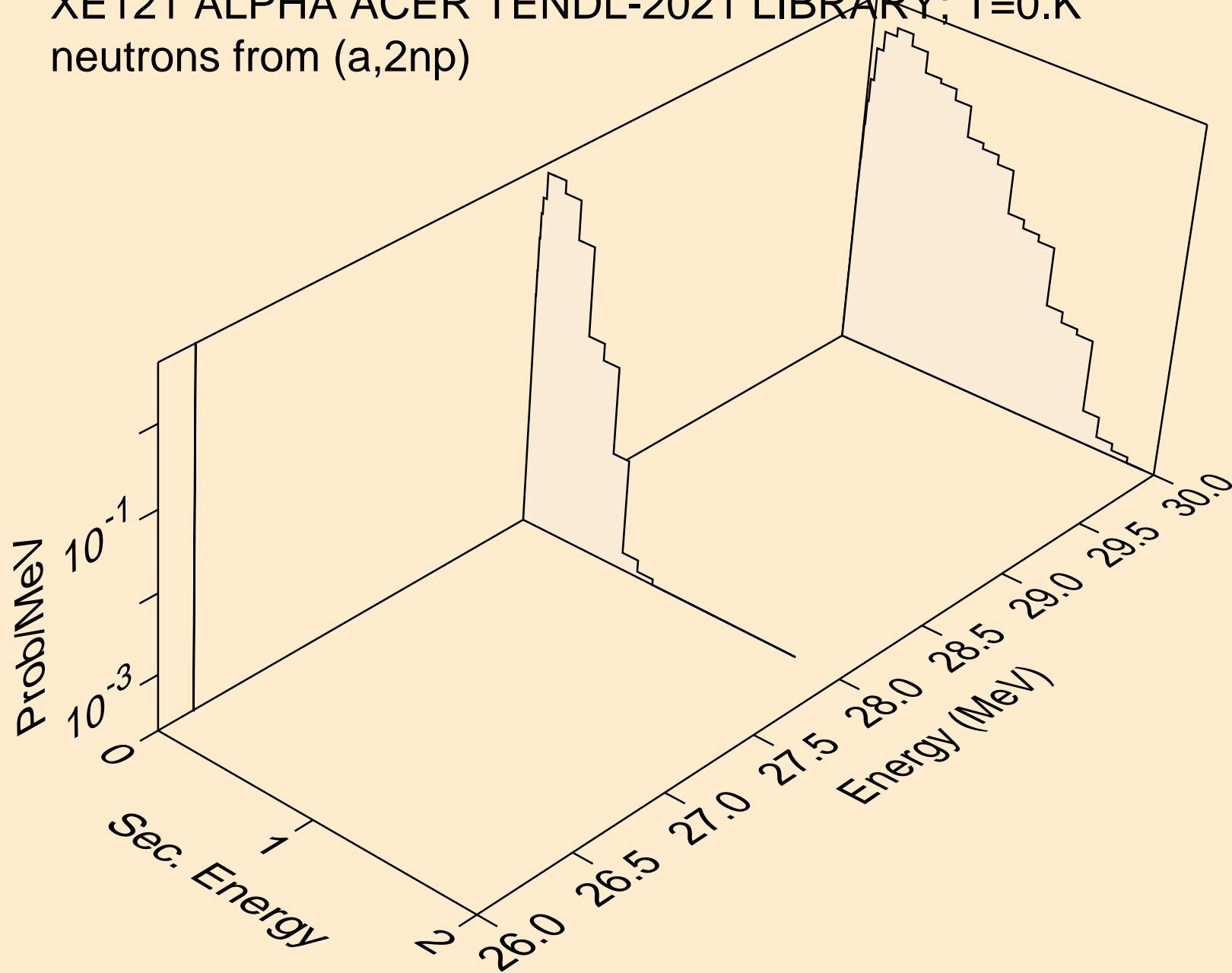
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neutrons from (a,n\*)2a



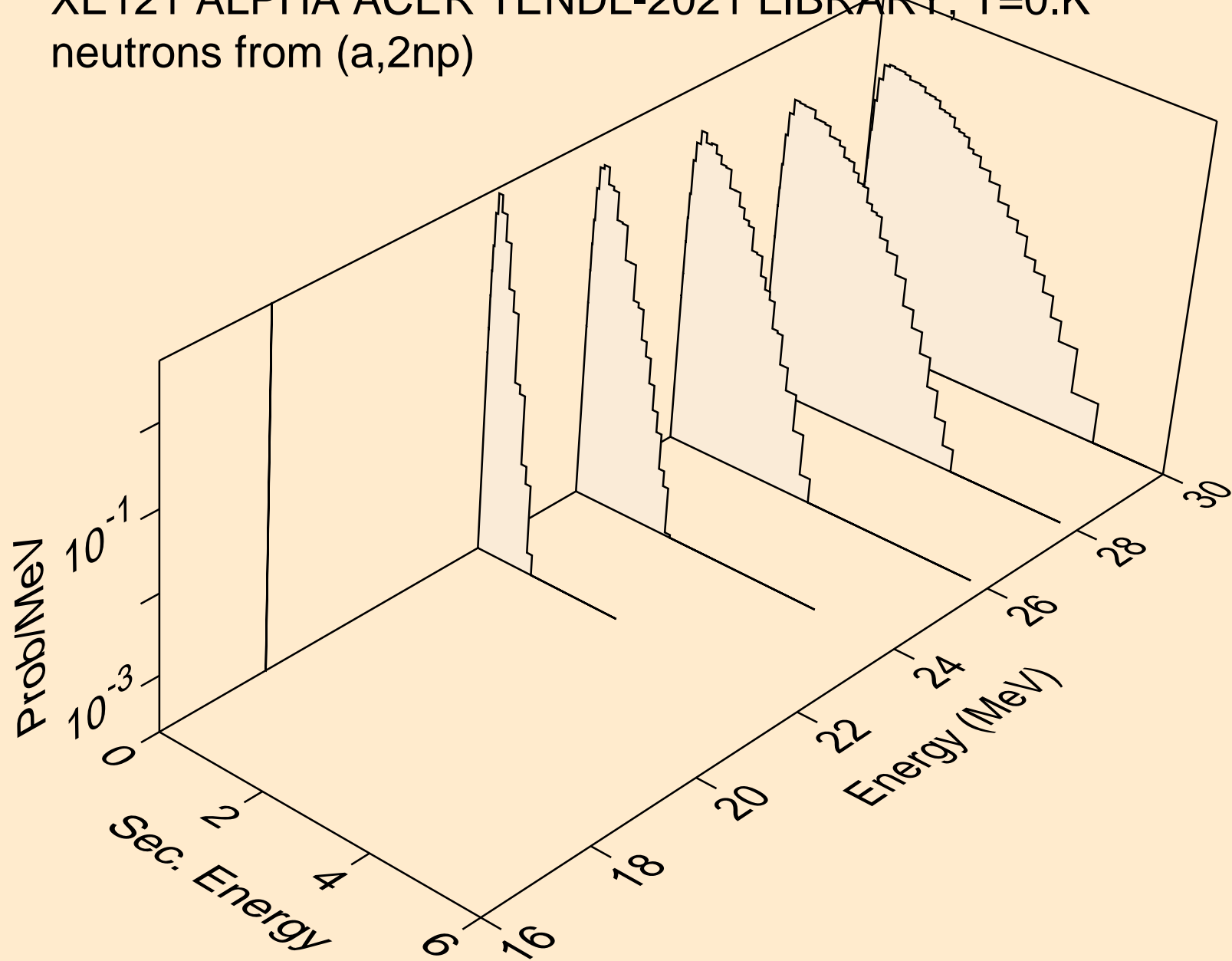
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neutrons from (a,n\*)d



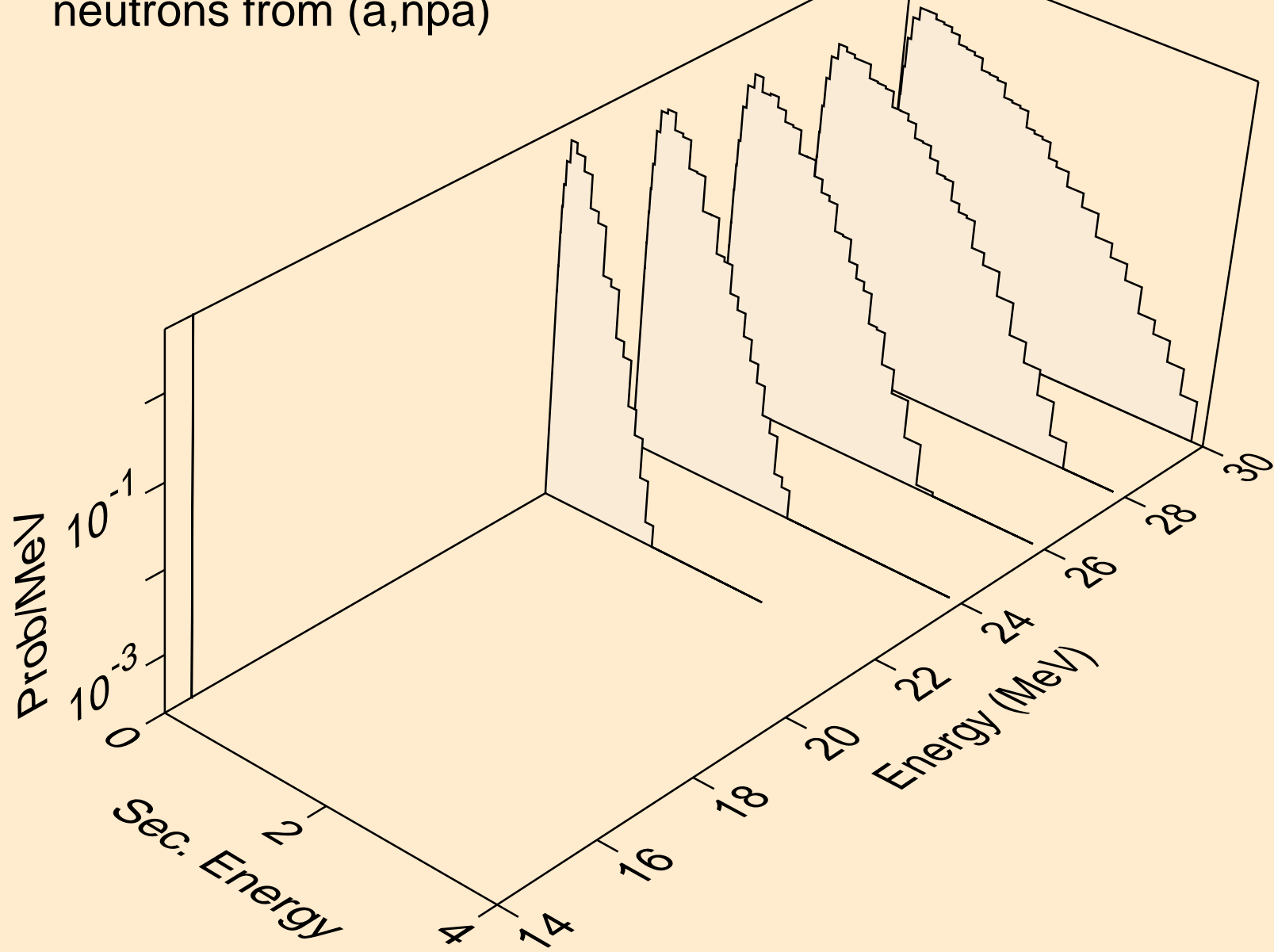
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neutrons from (a,2np)



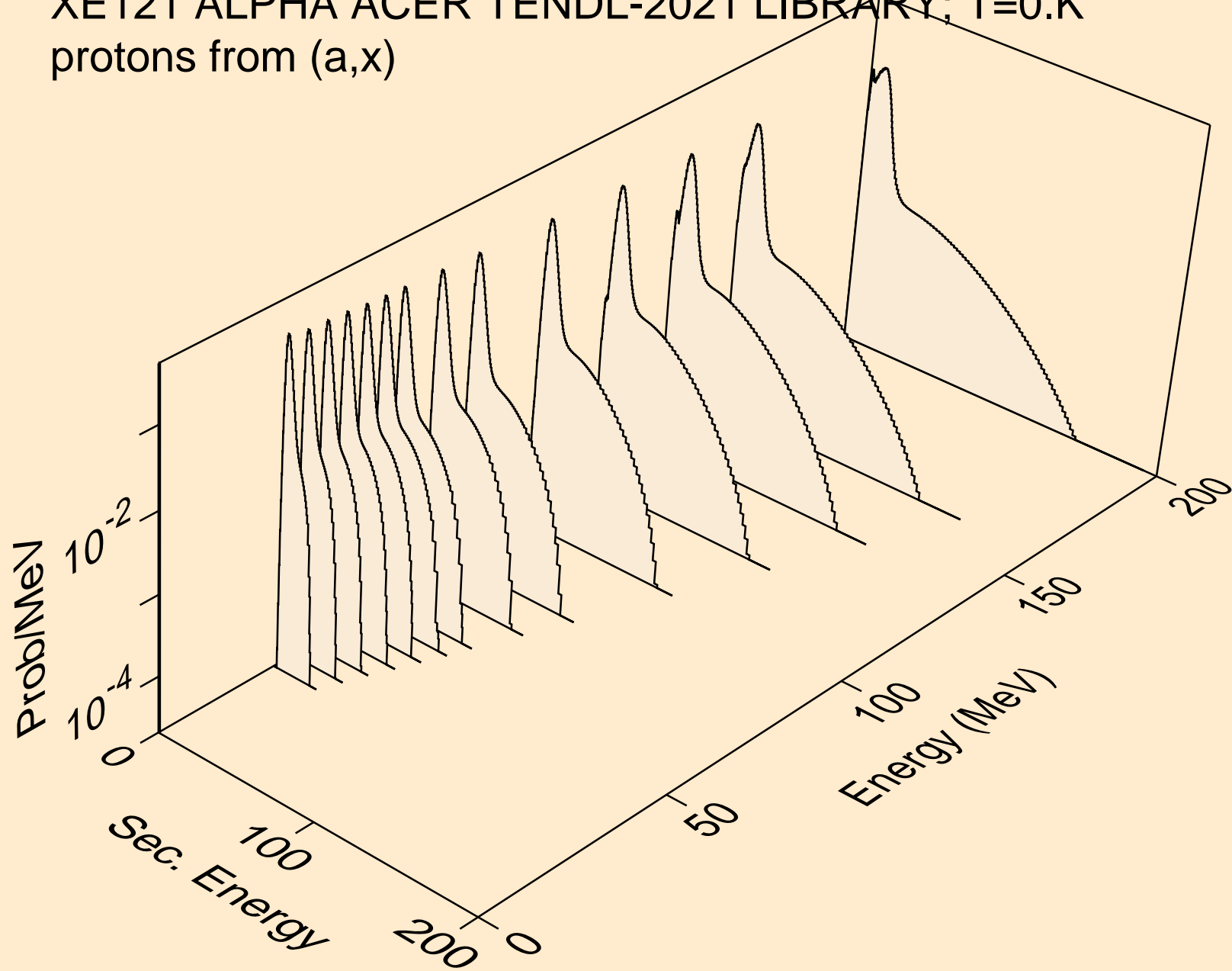
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

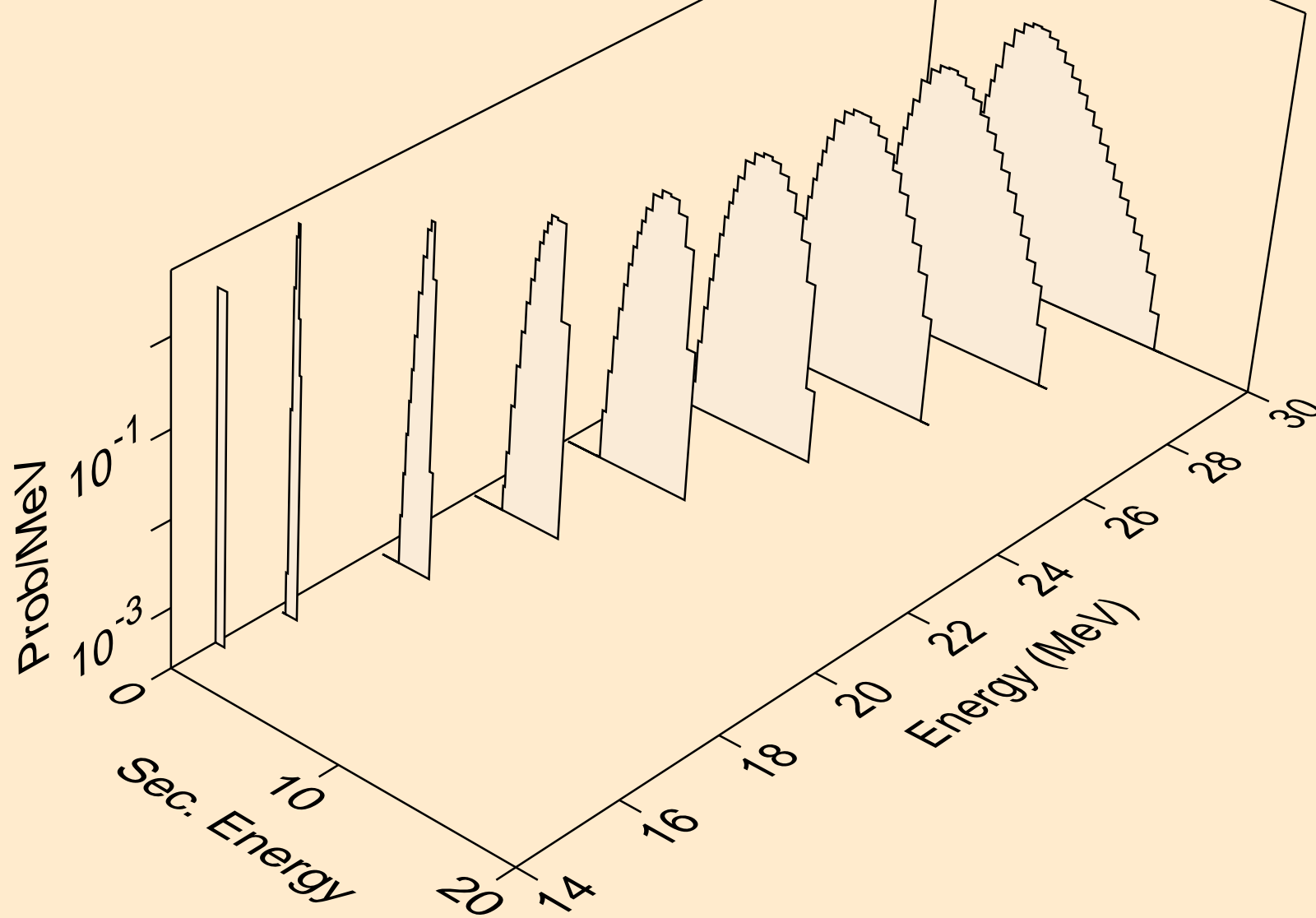


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protons from (a,x)

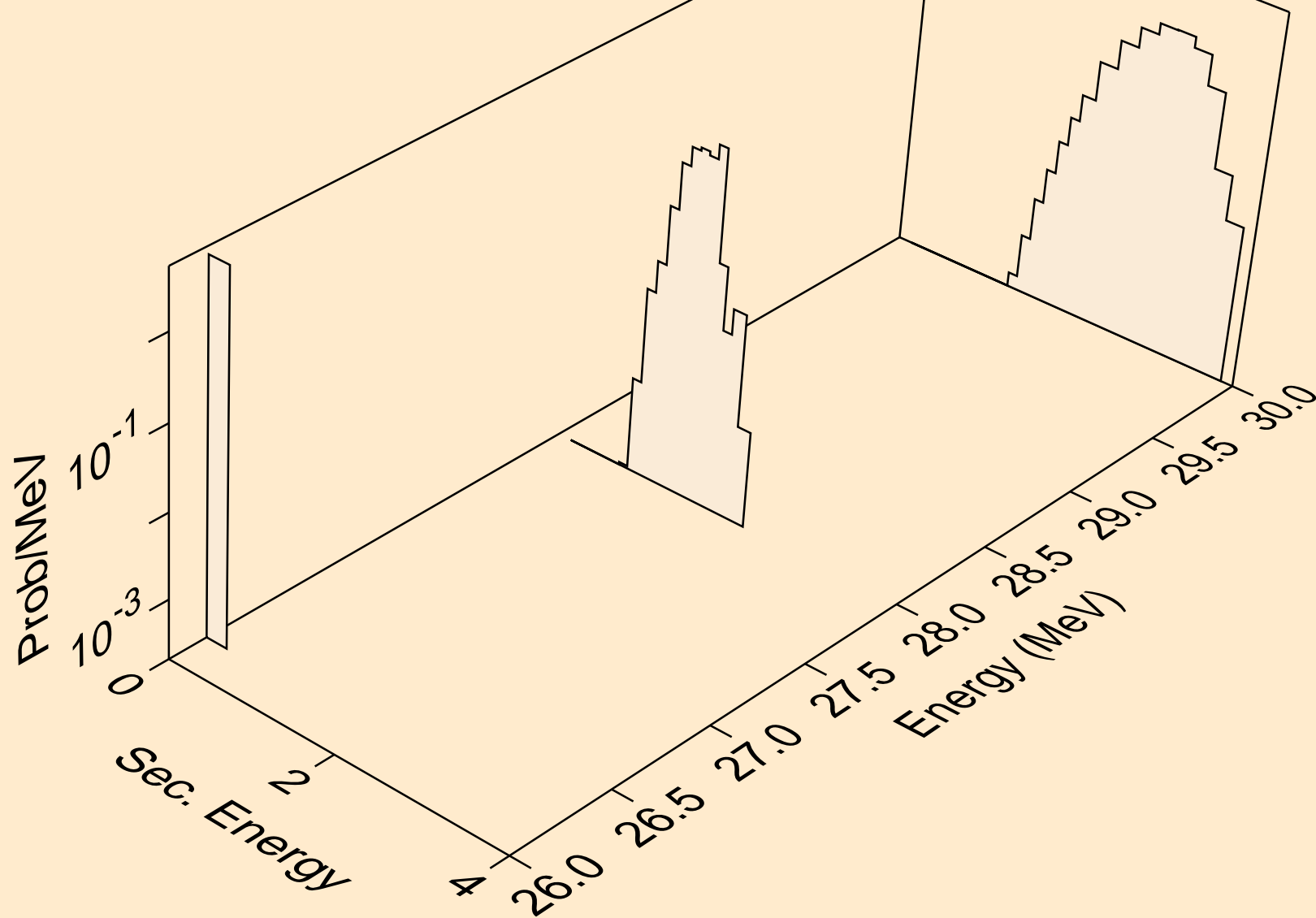




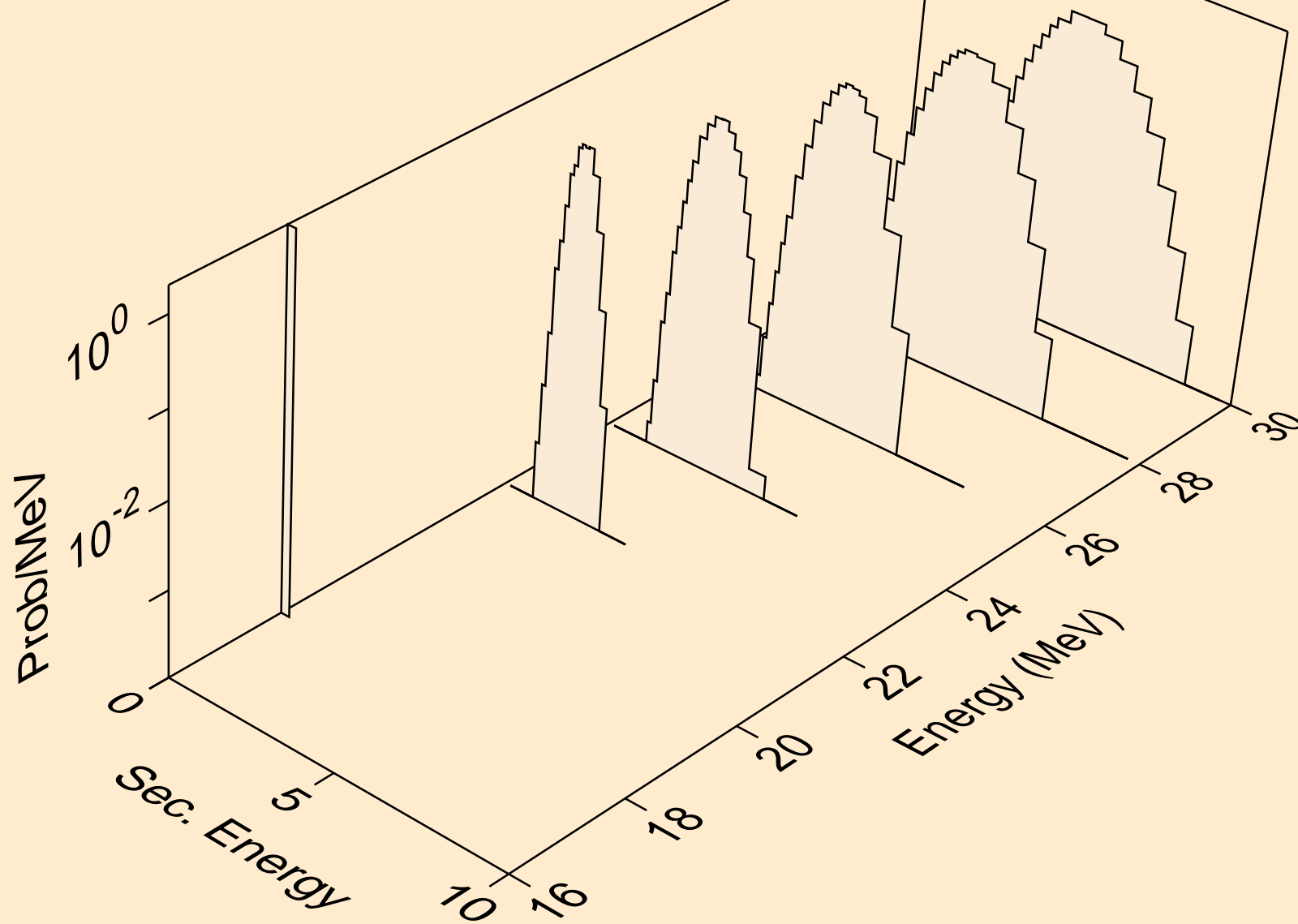
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protons from (a,n\*)p



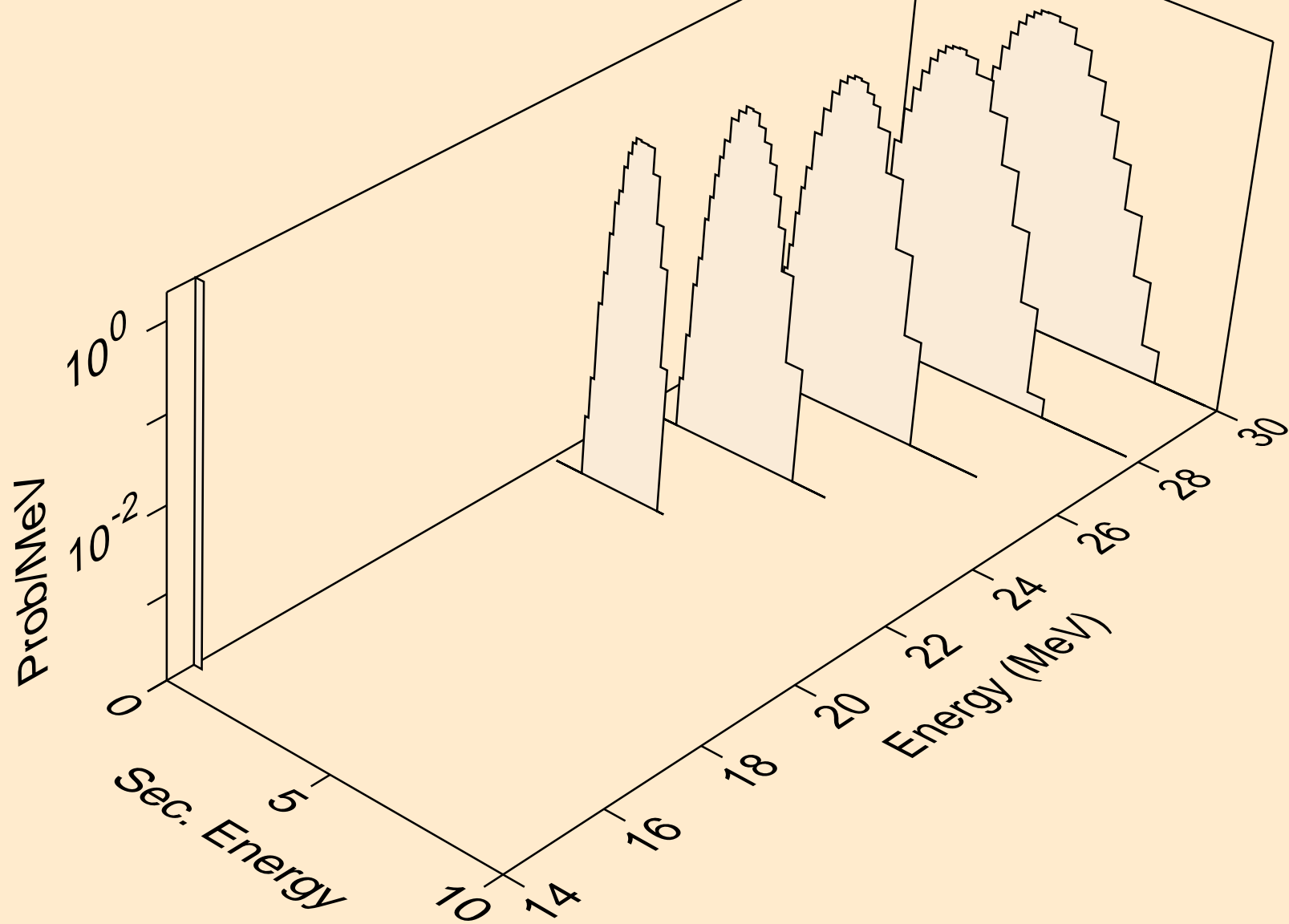
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protons from (a,2np)



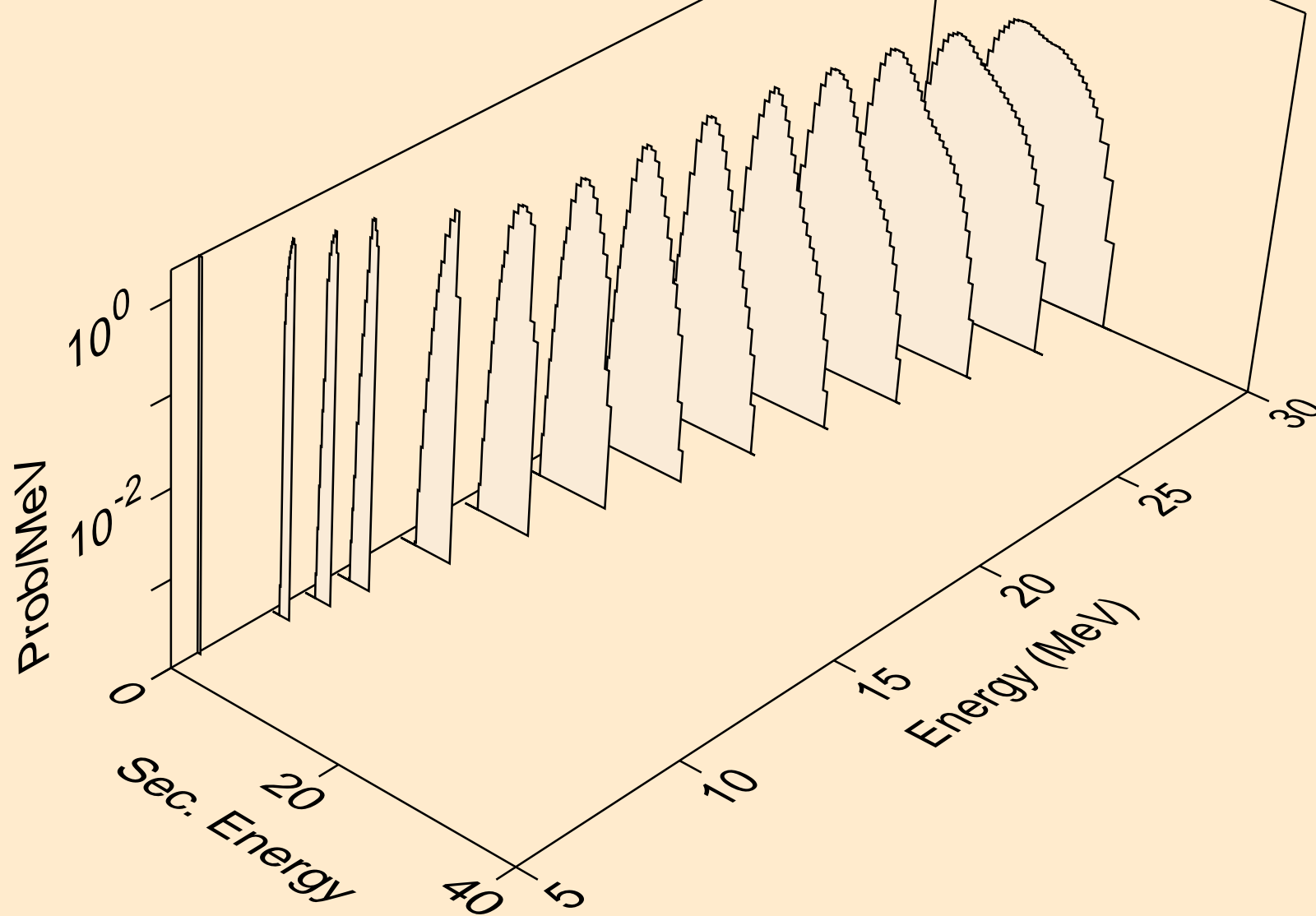
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



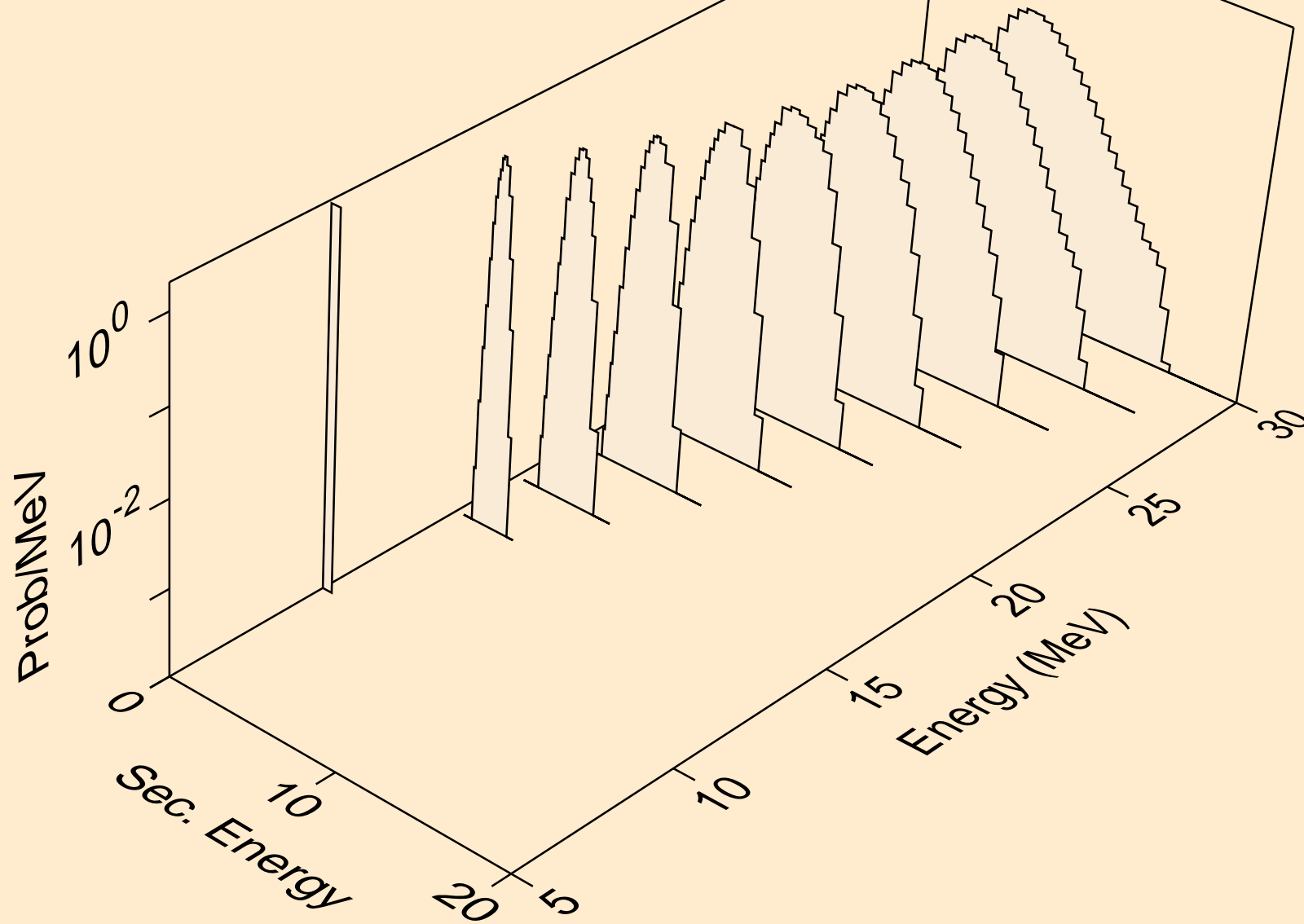
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



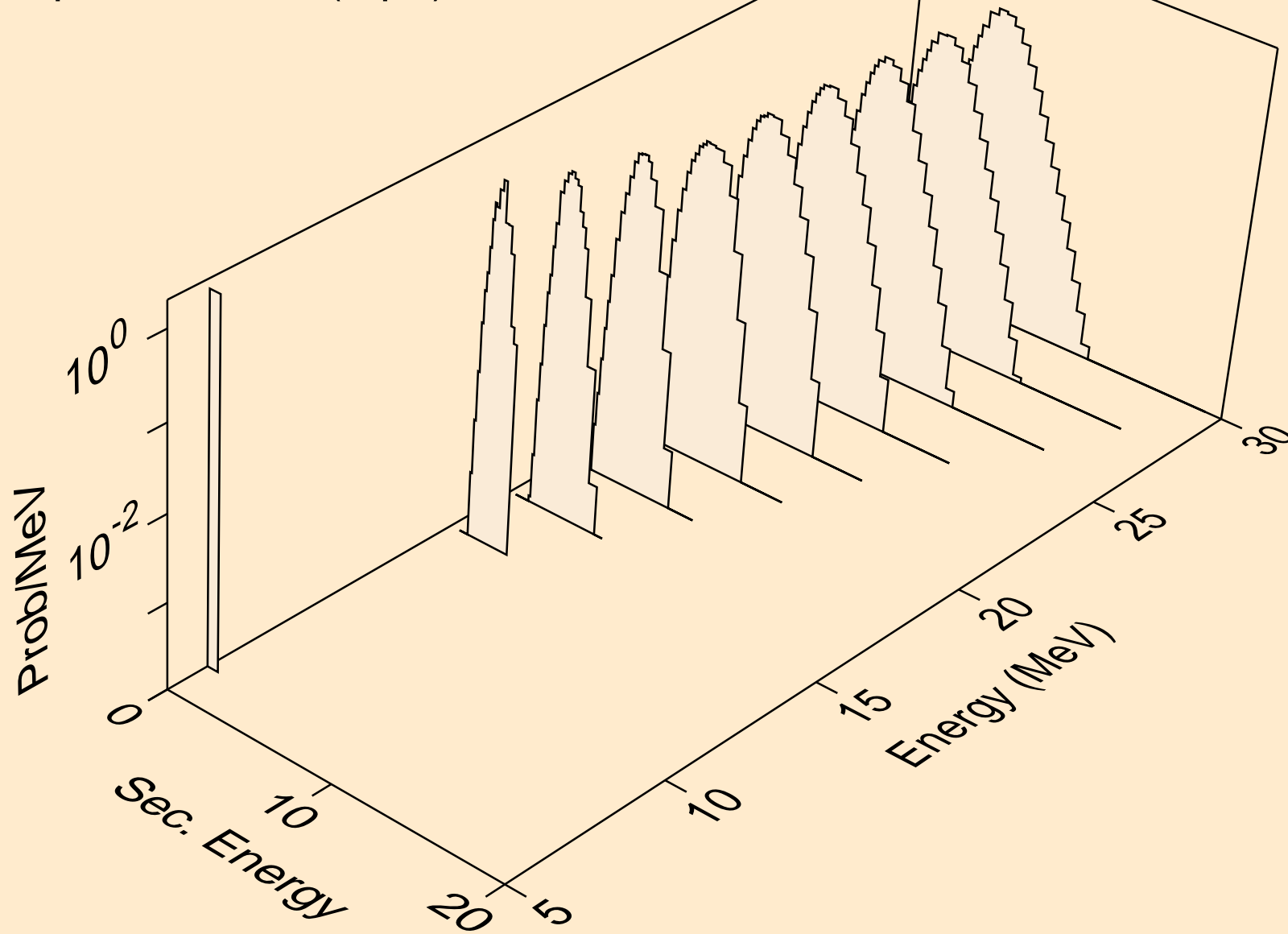
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protons from (a,p)



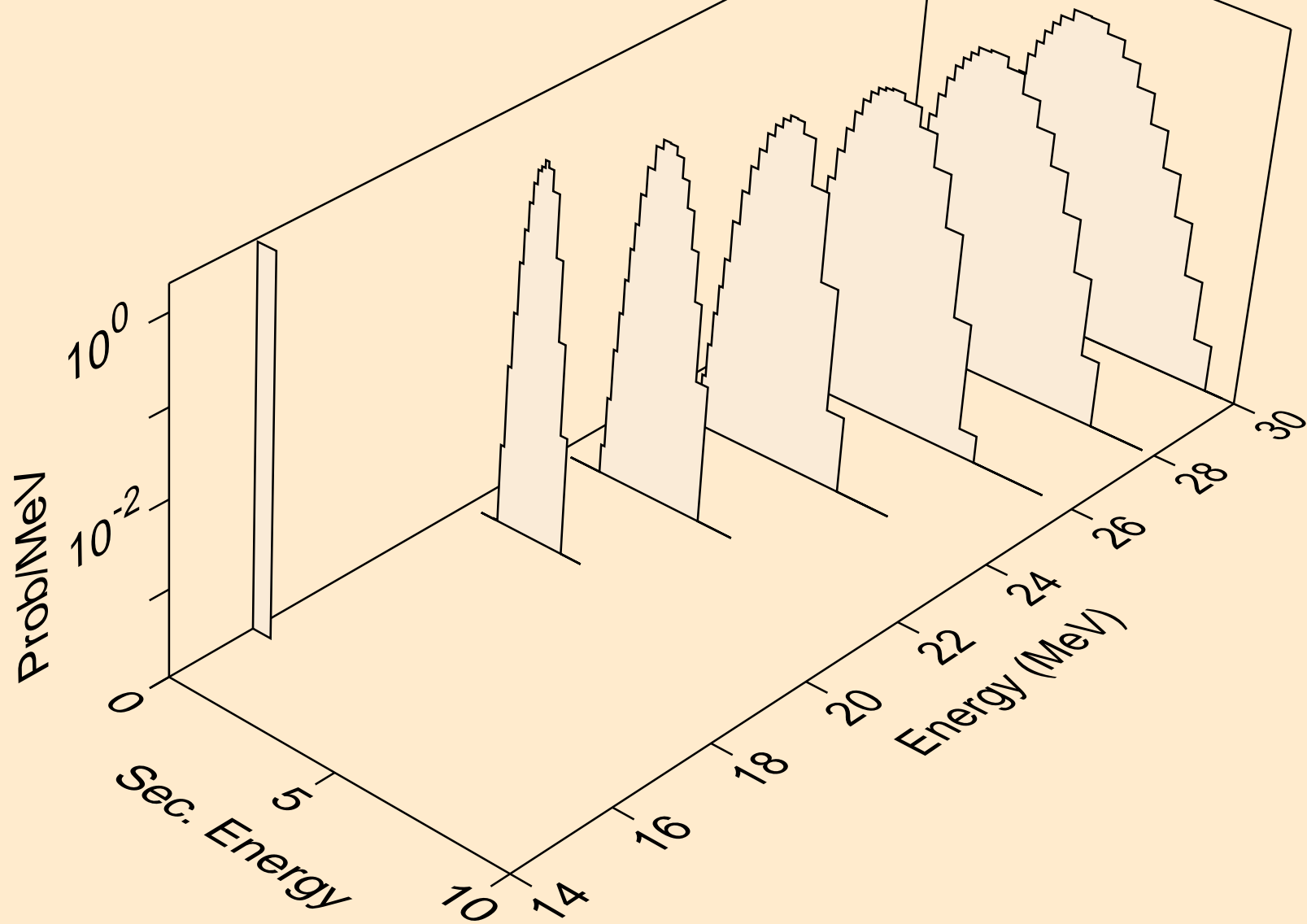
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

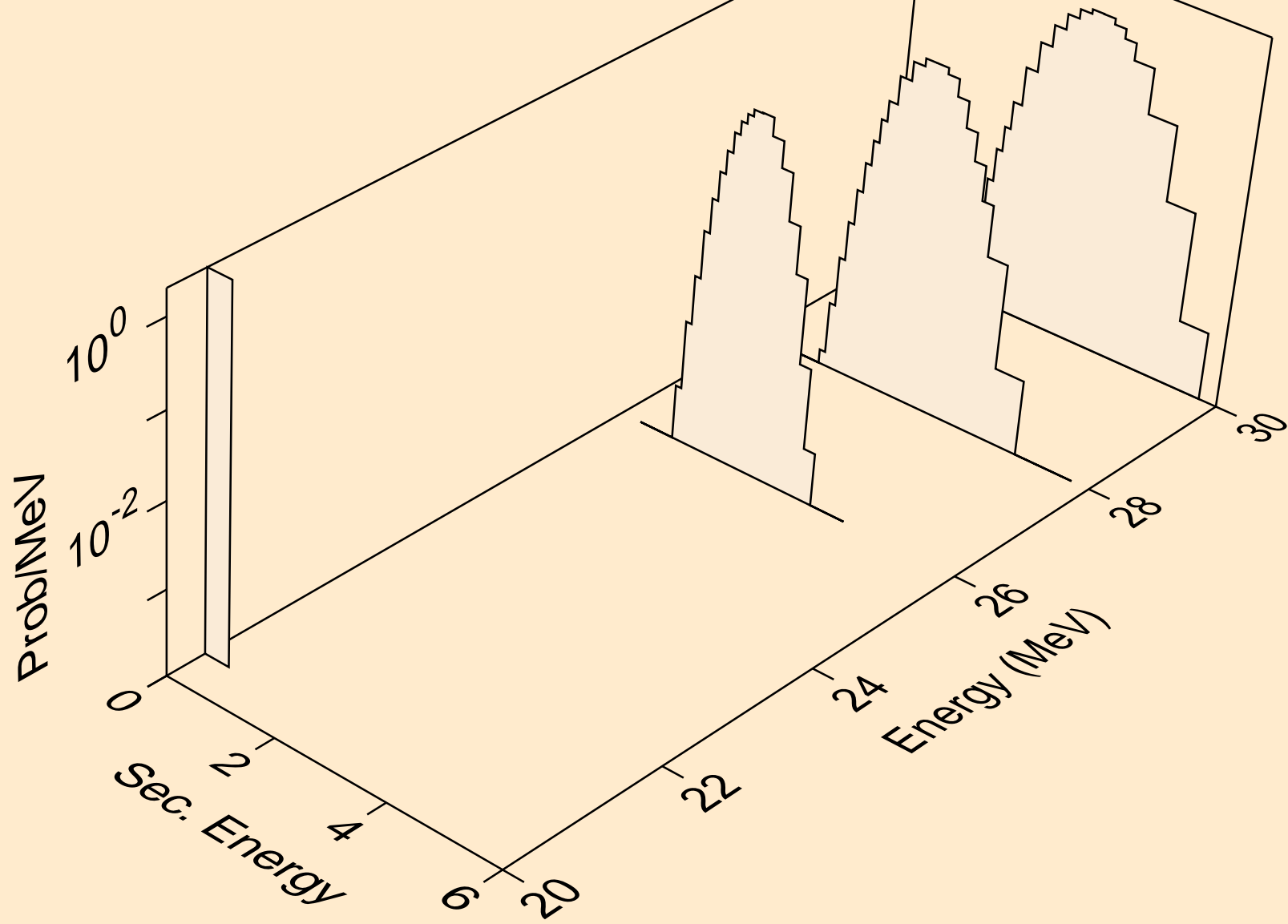


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protons from (a,pd)

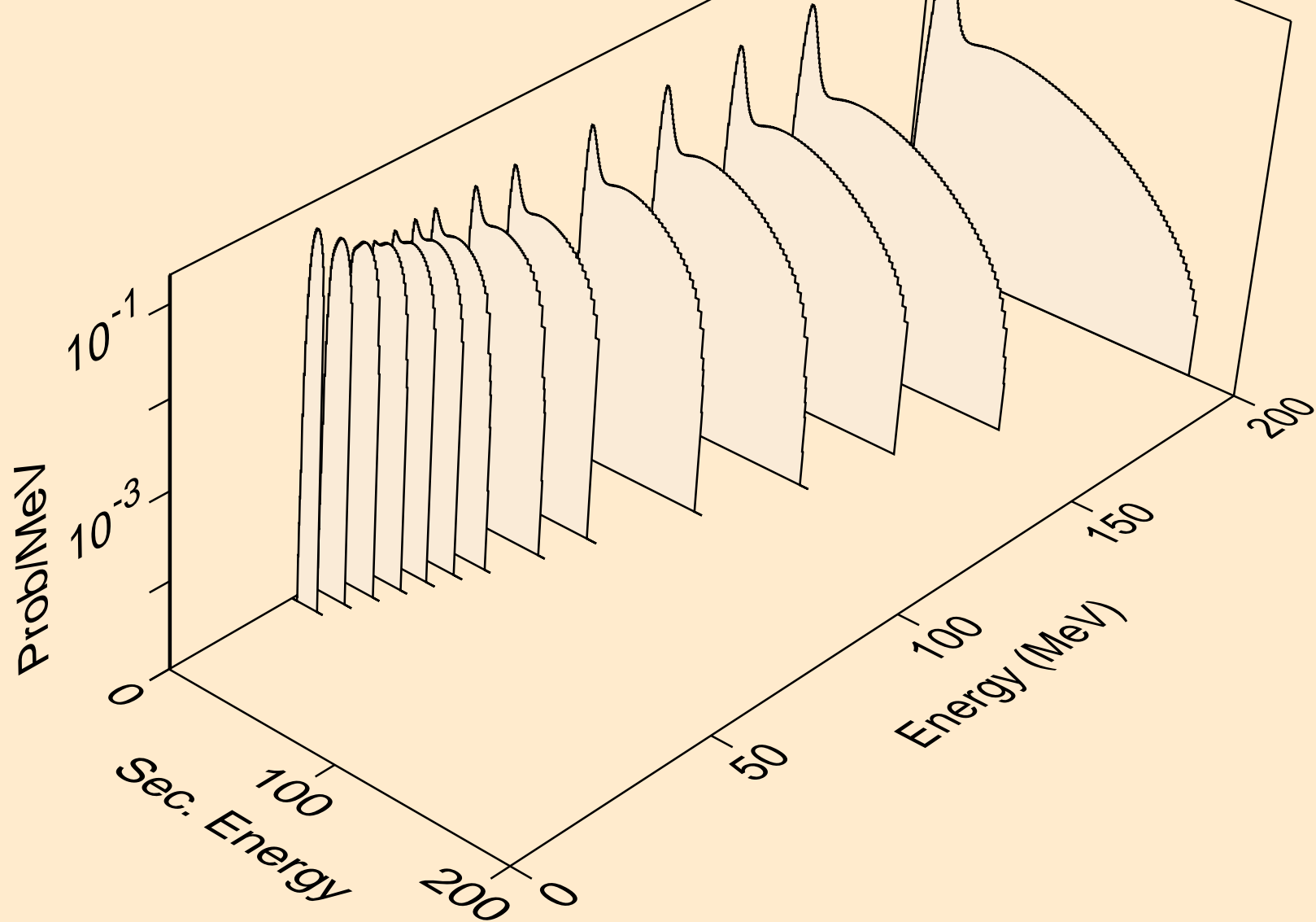




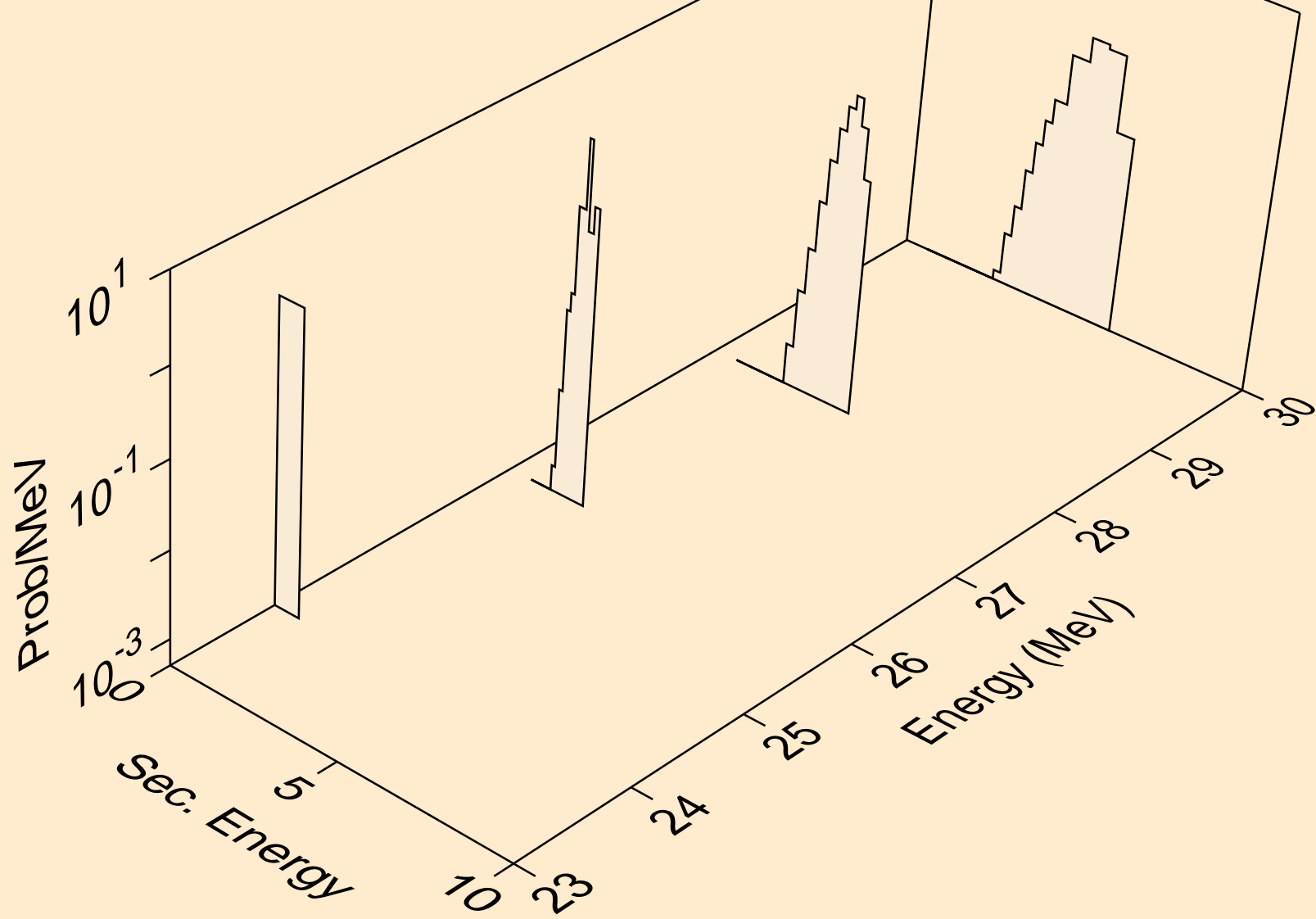
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protons from (a,pt)



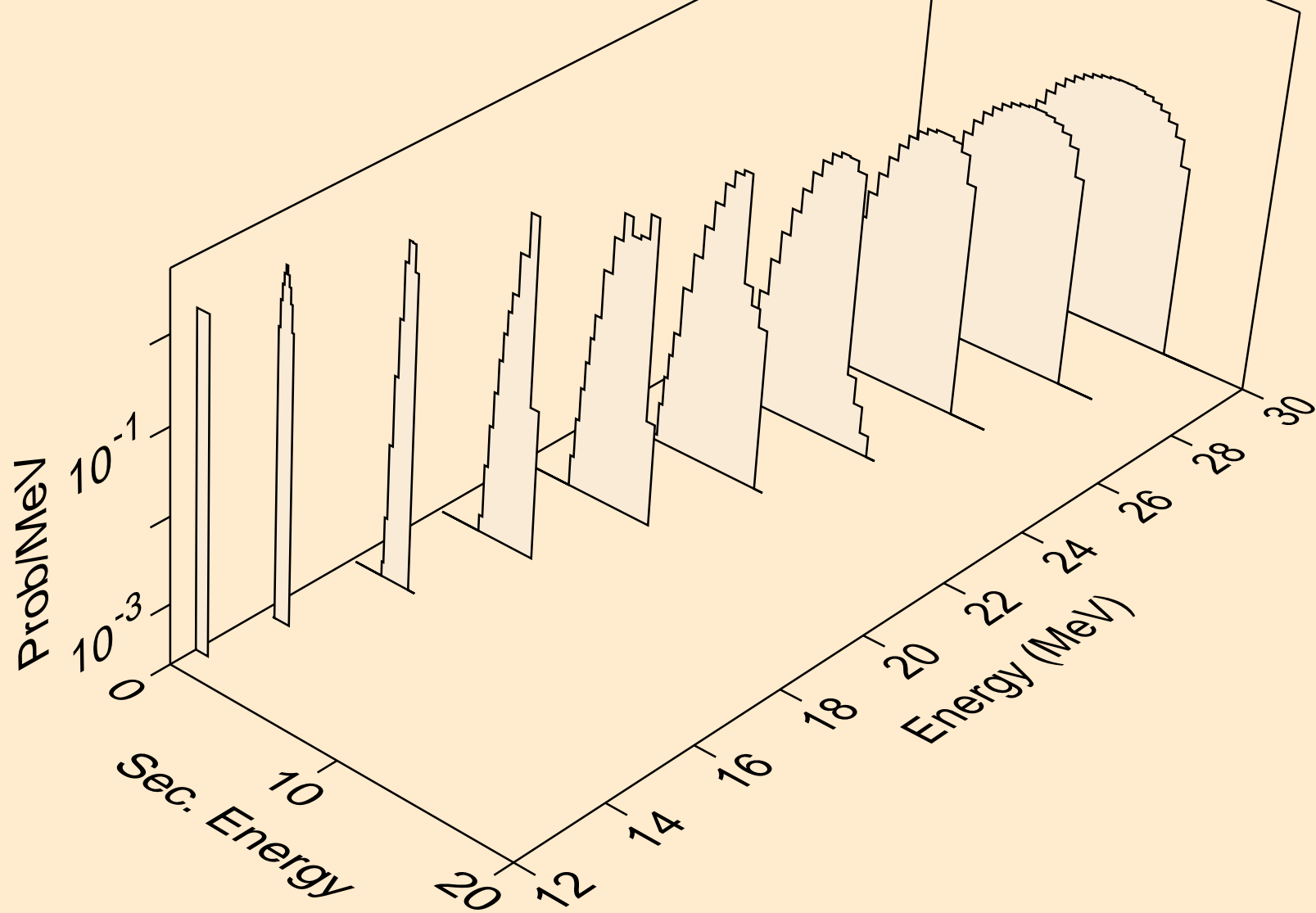
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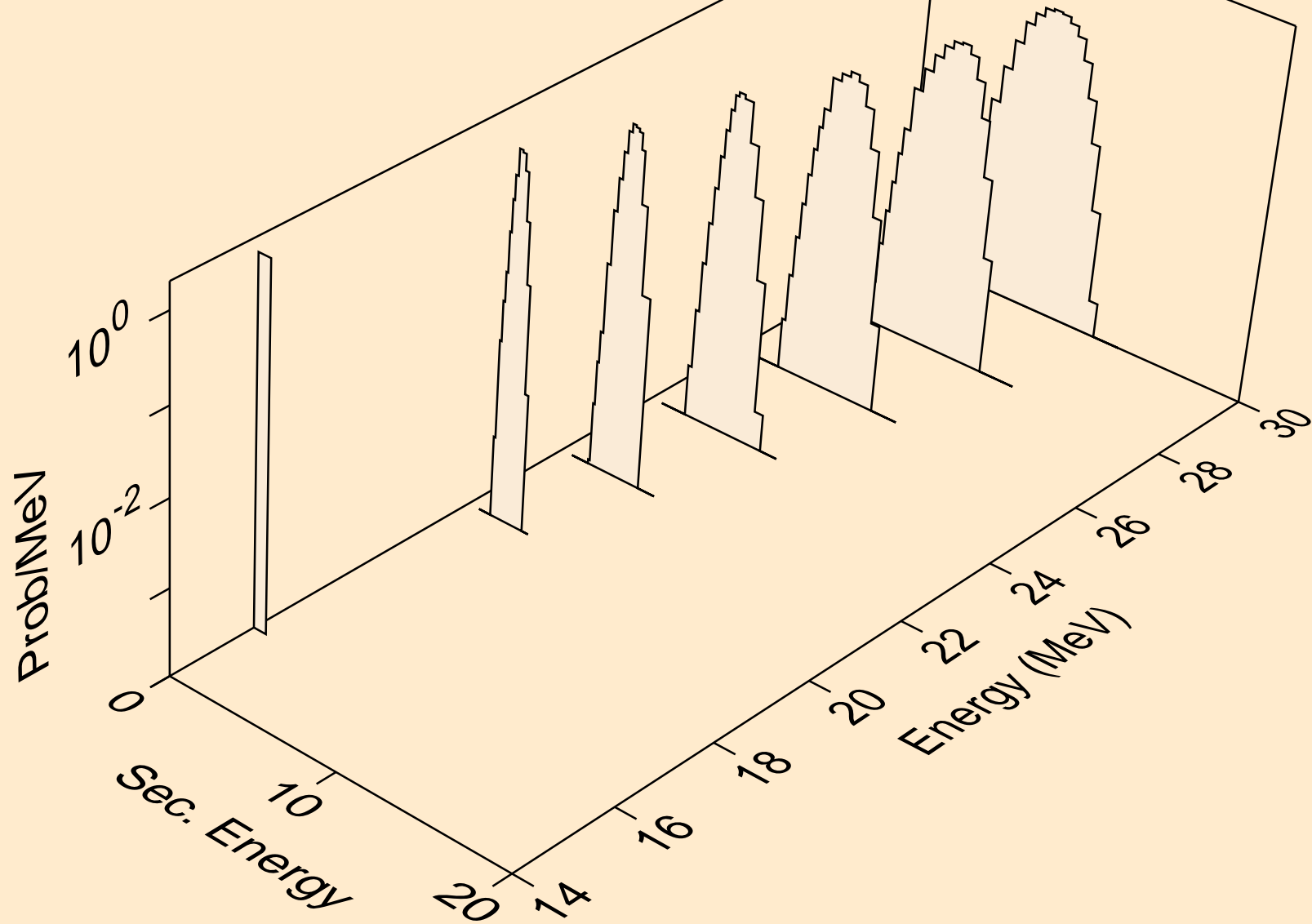
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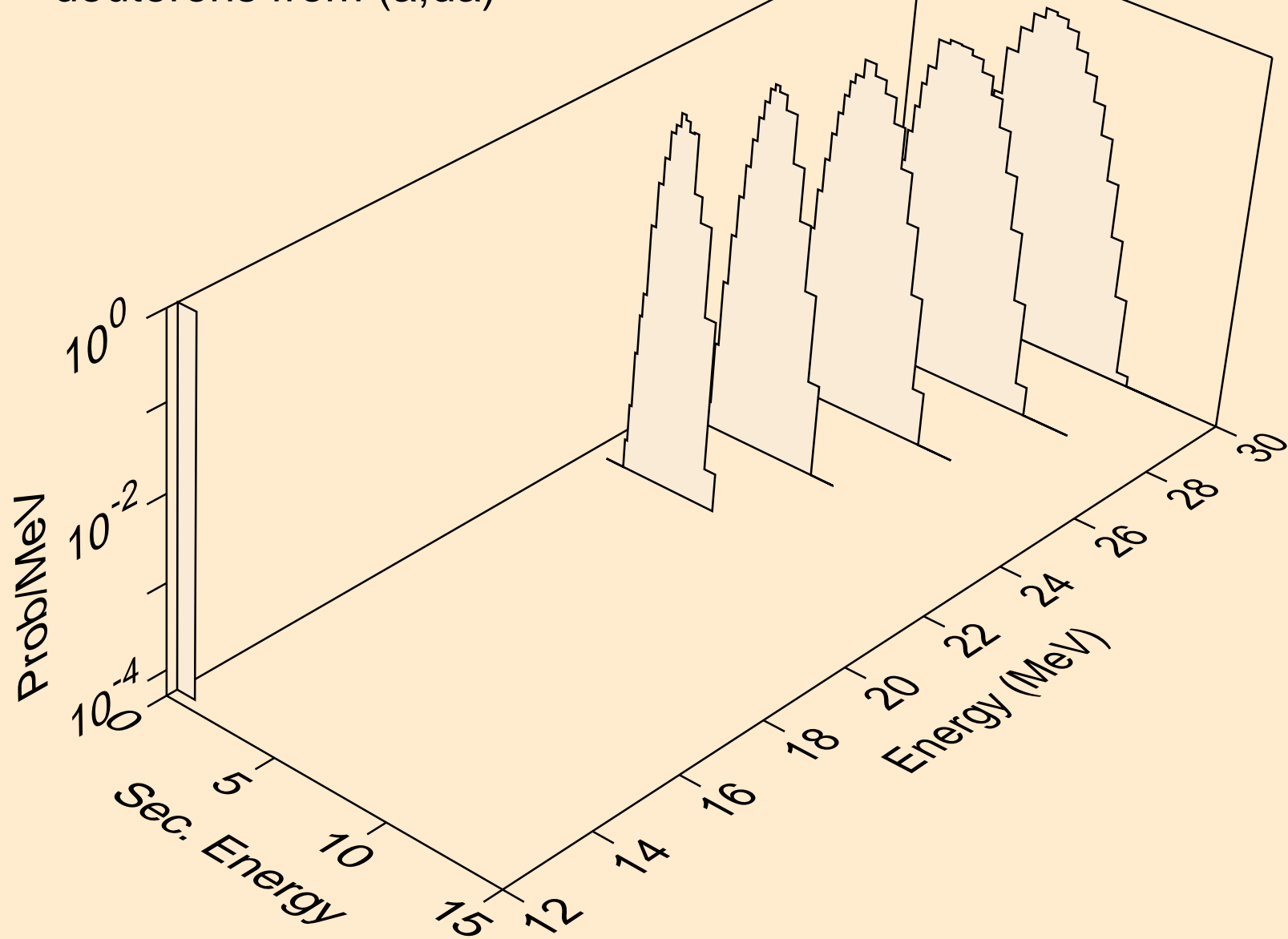
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



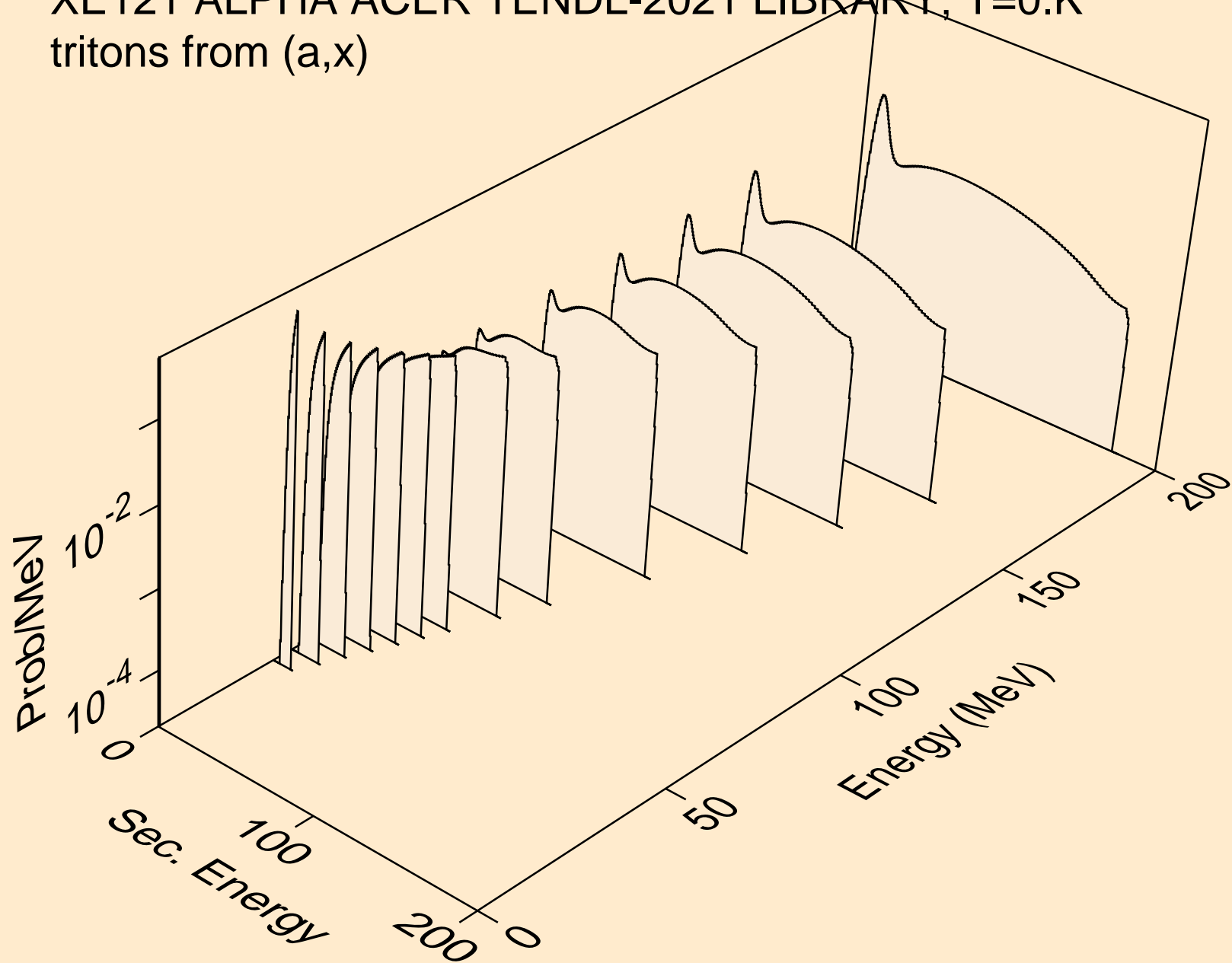
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



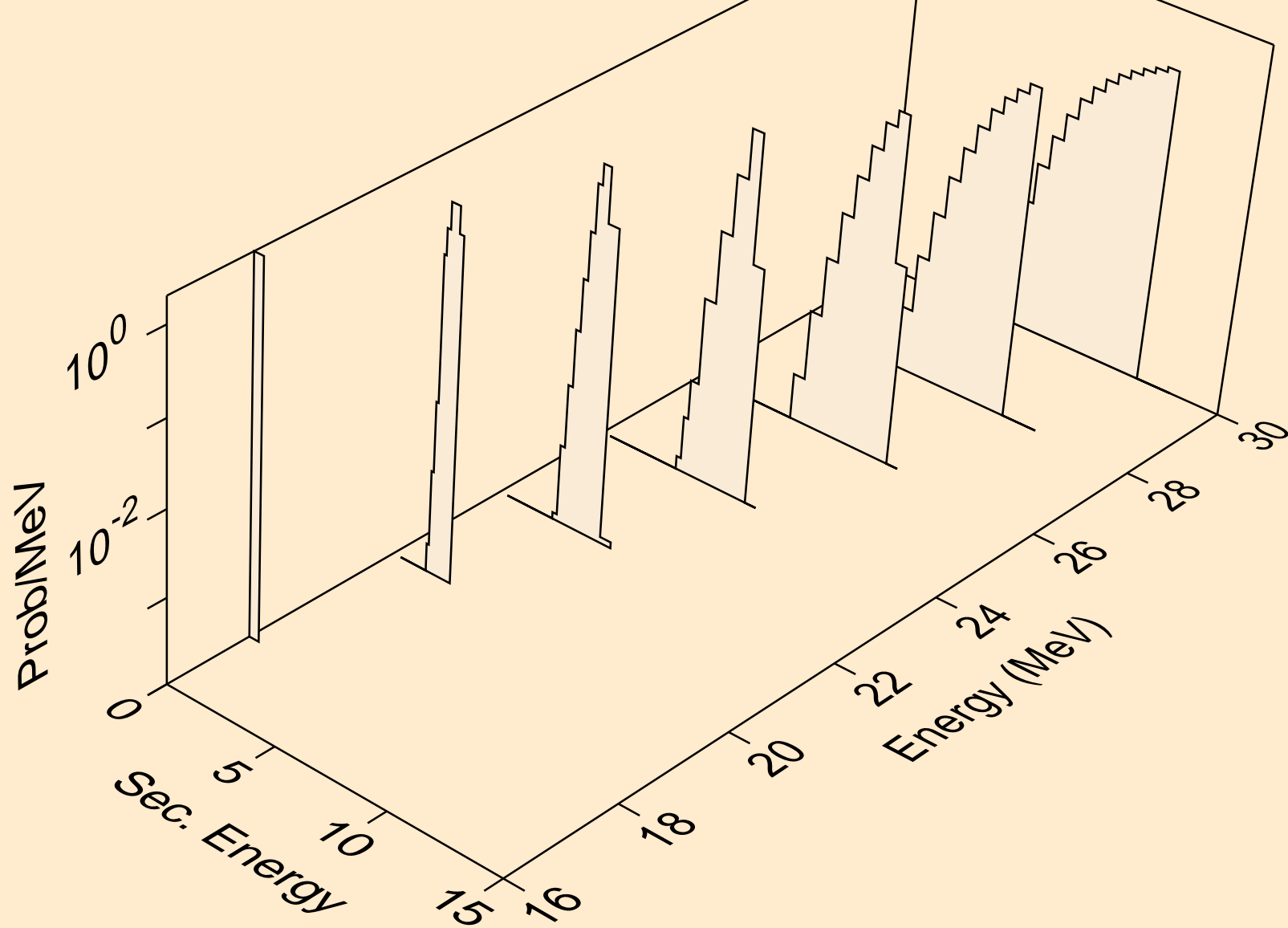
XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

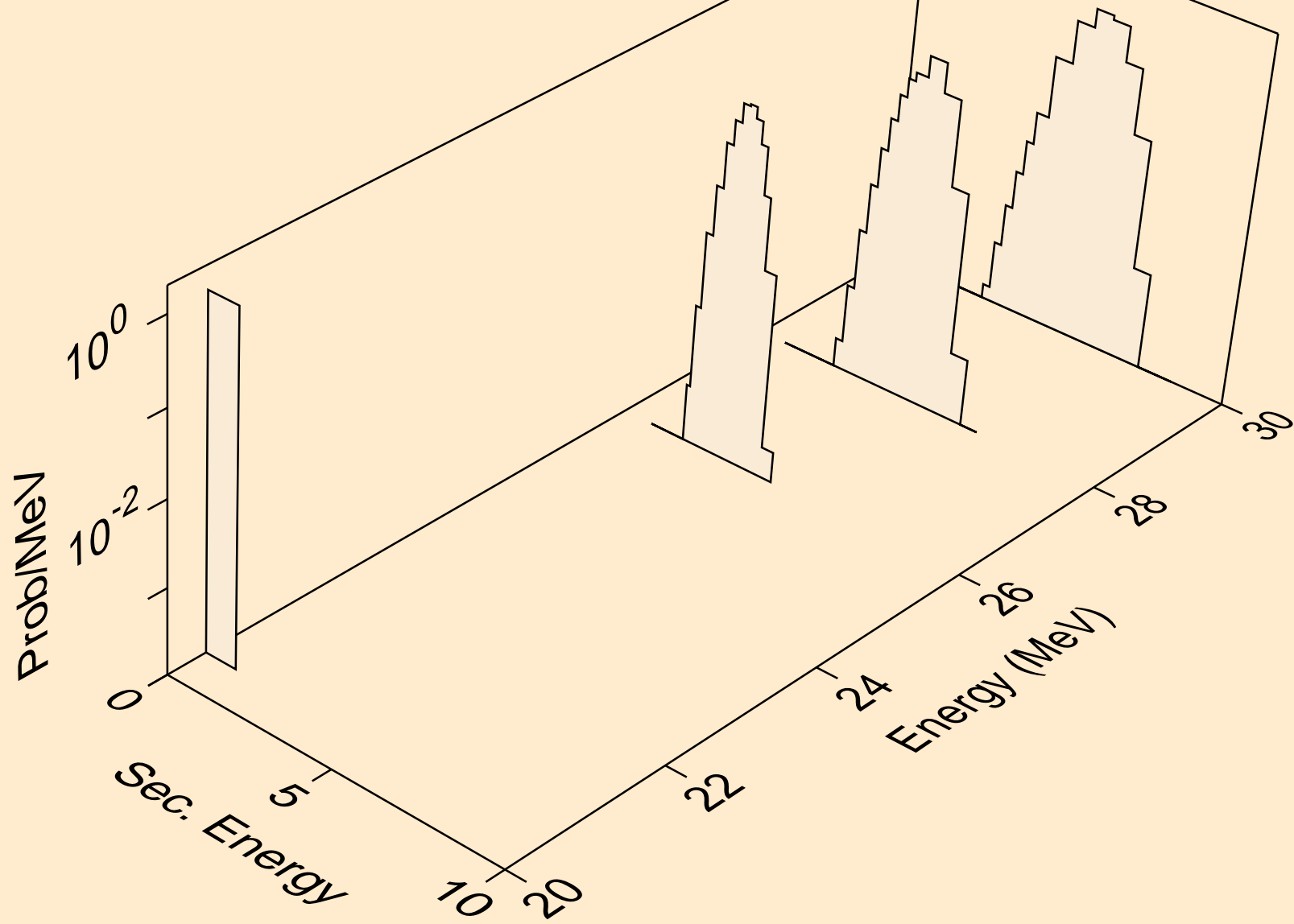


XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

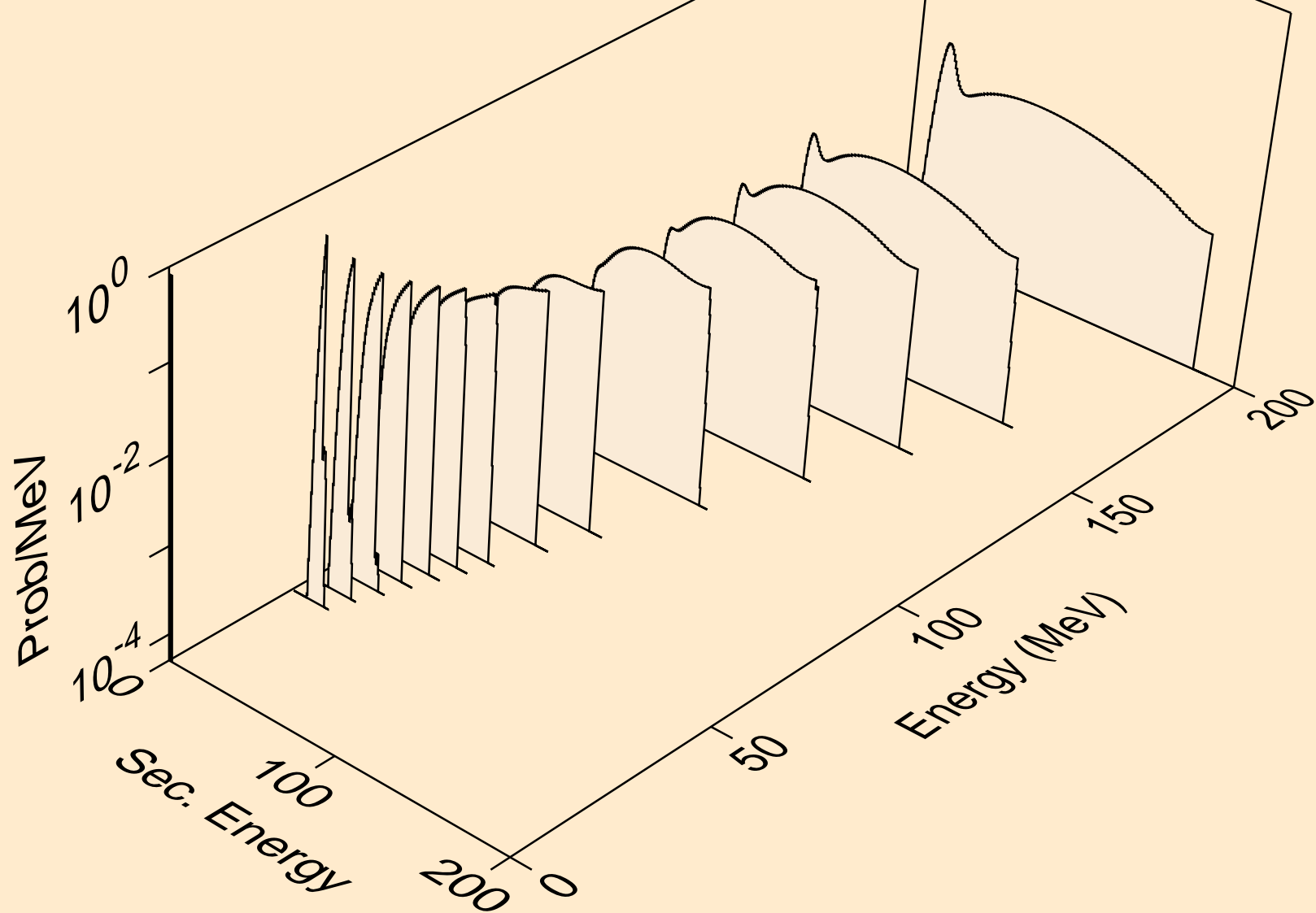




XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



XE121 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

