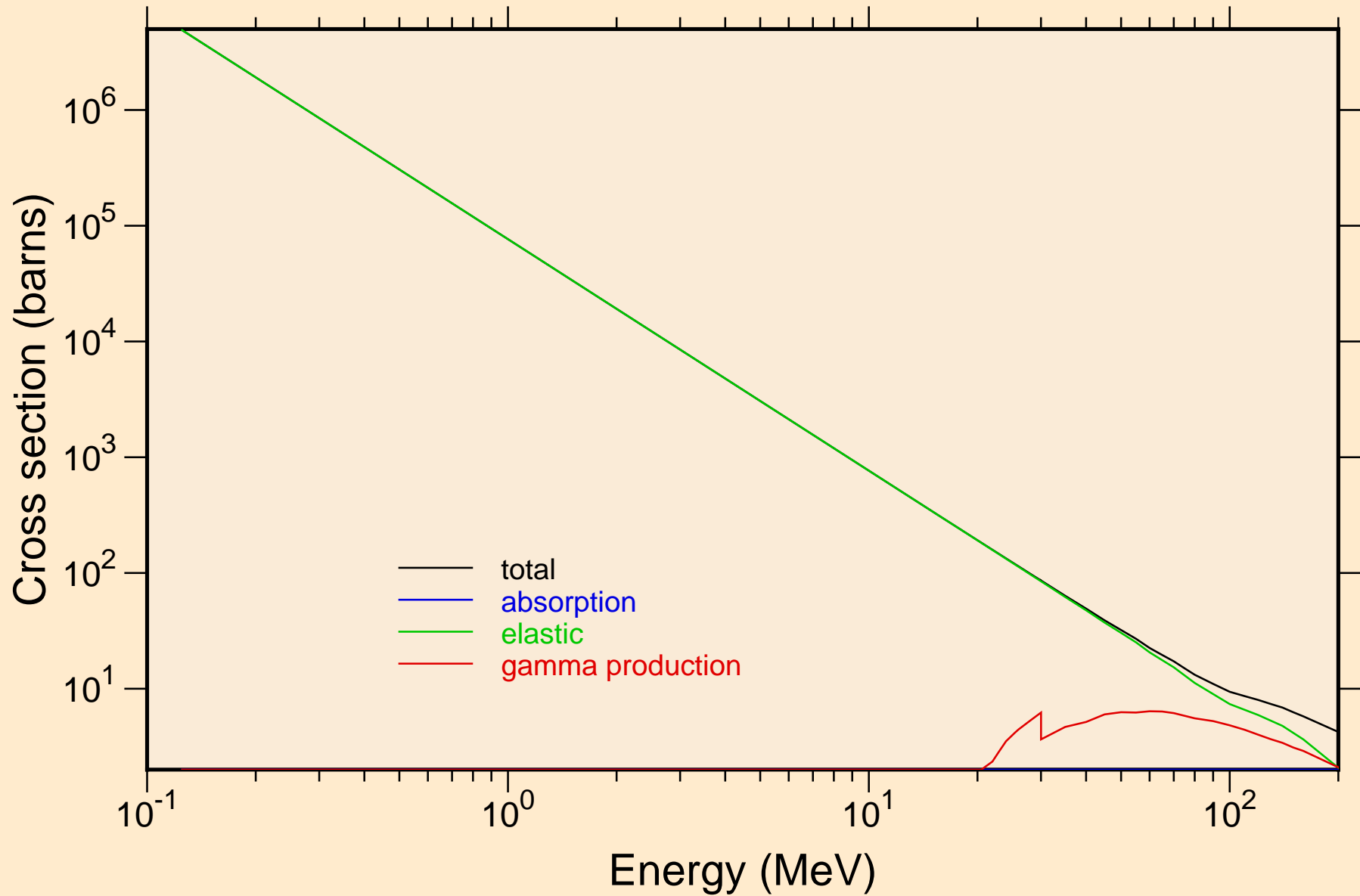


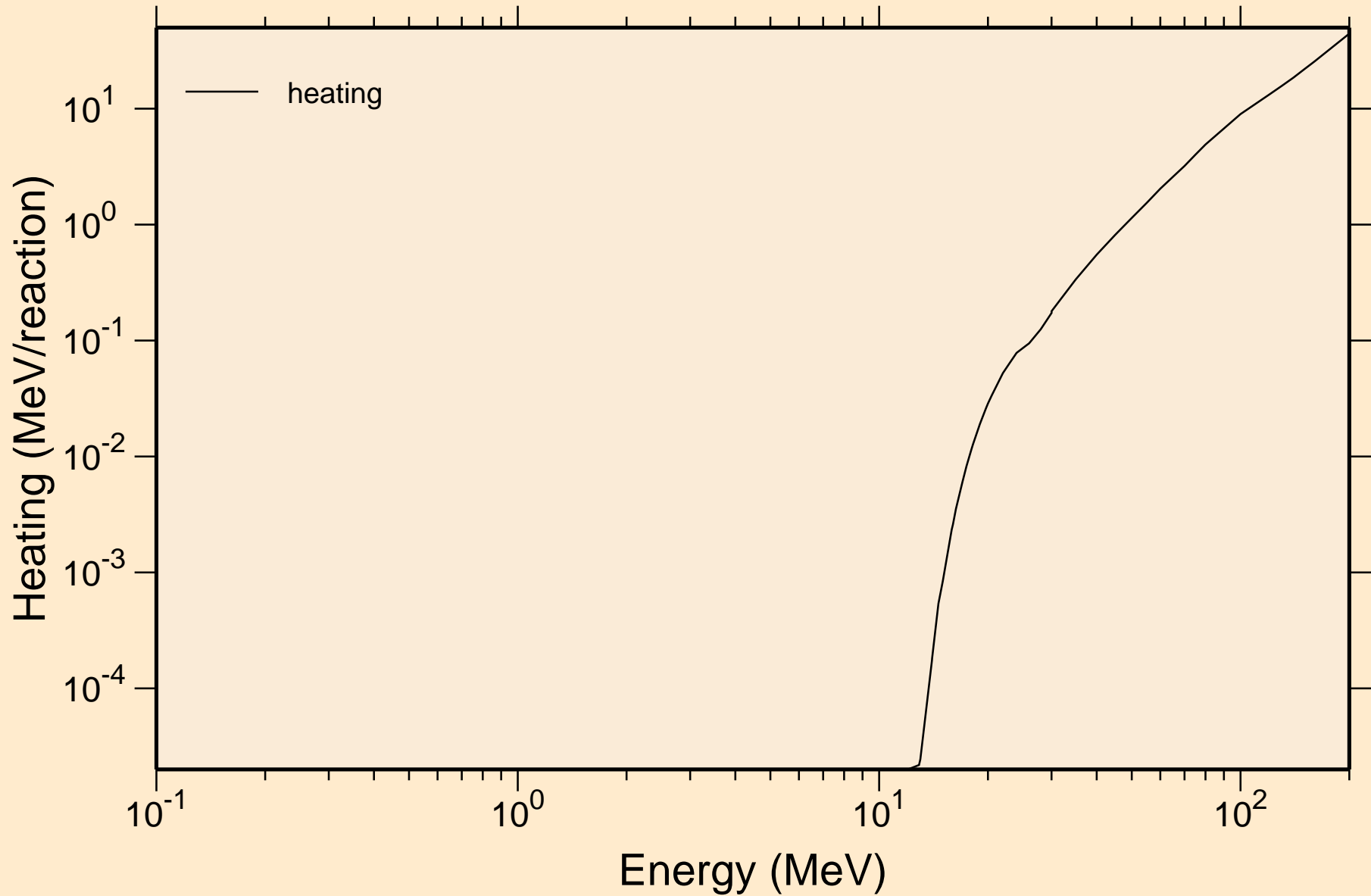
# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



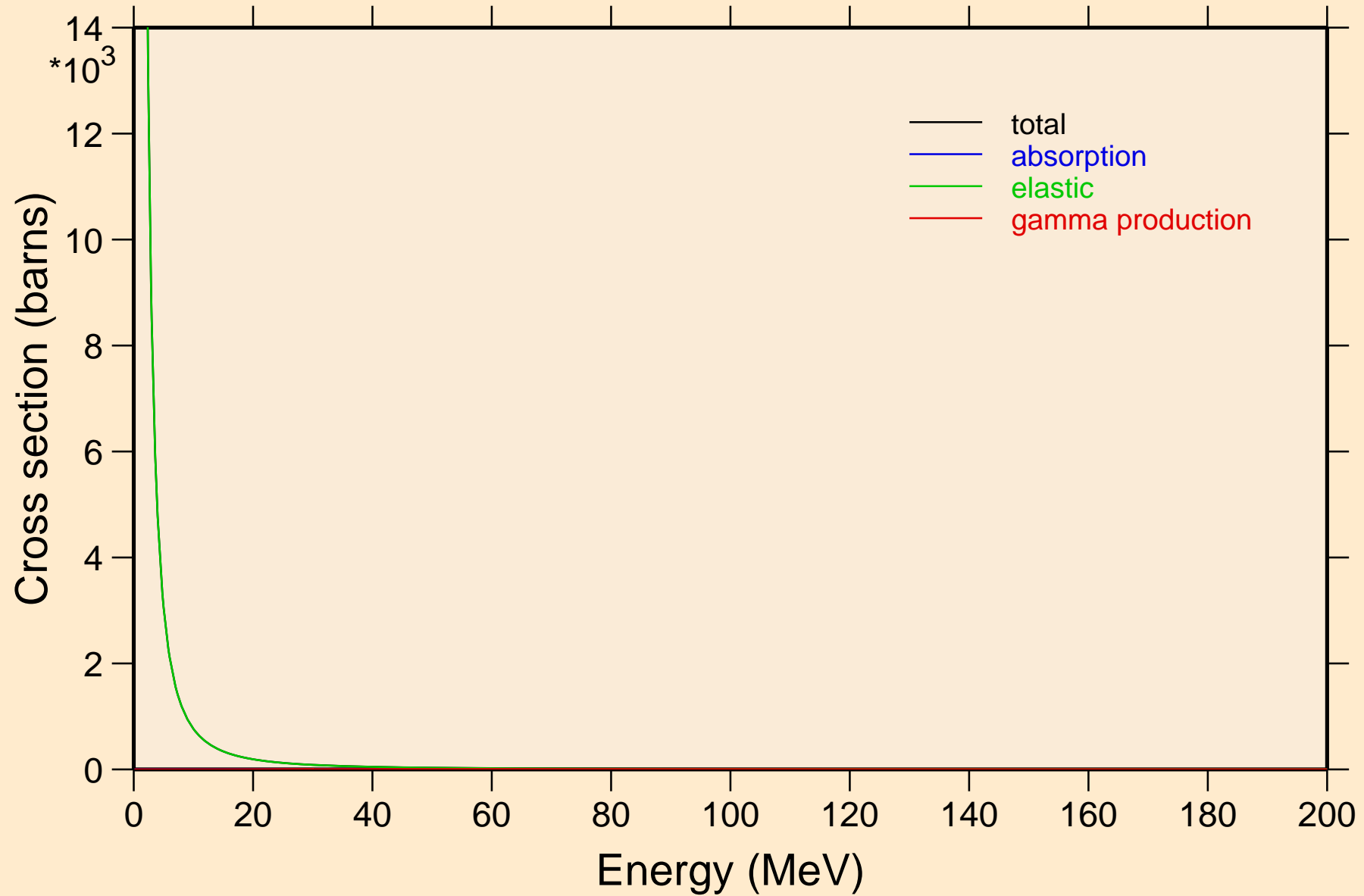
# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



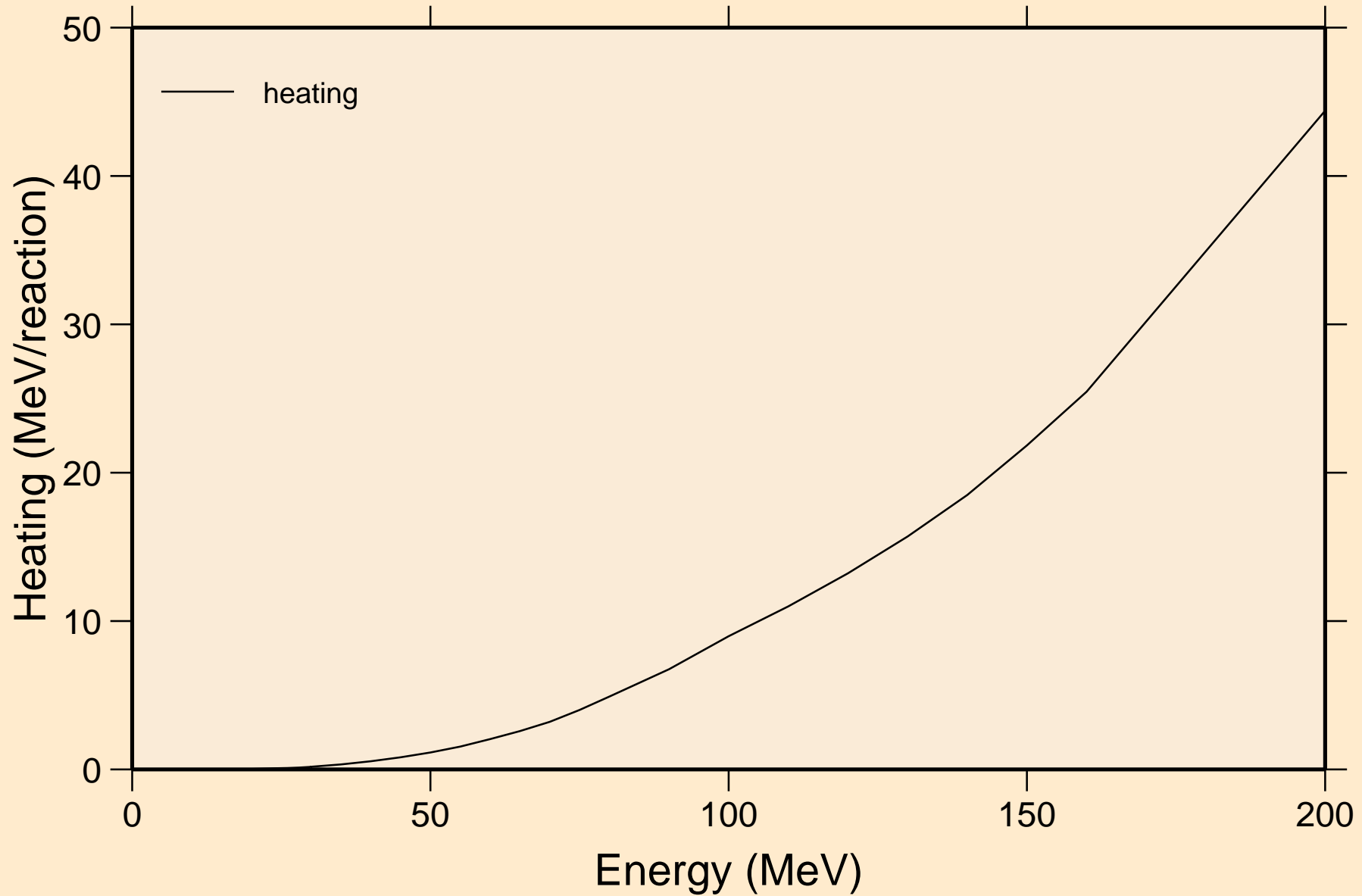
# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

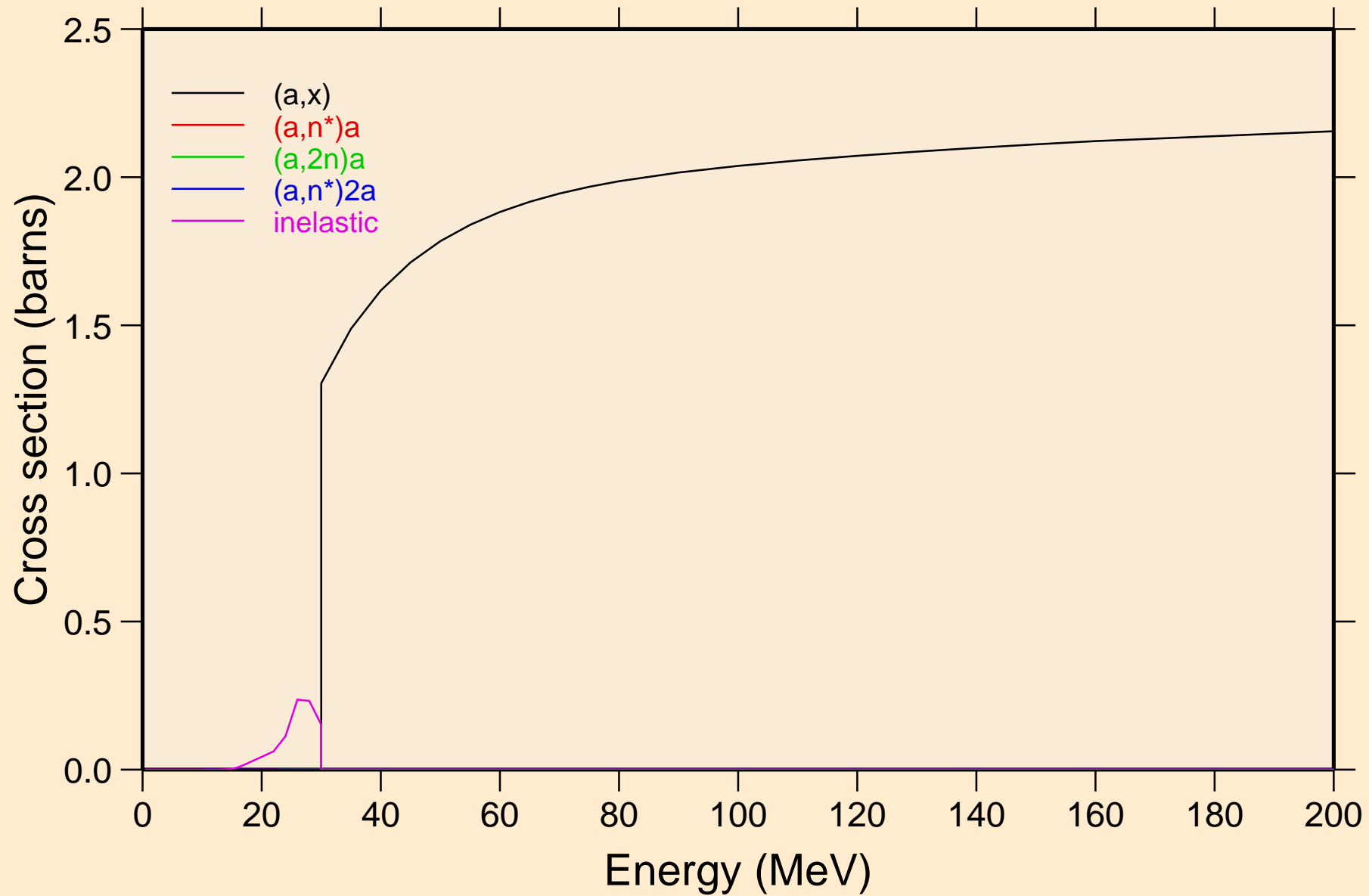


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

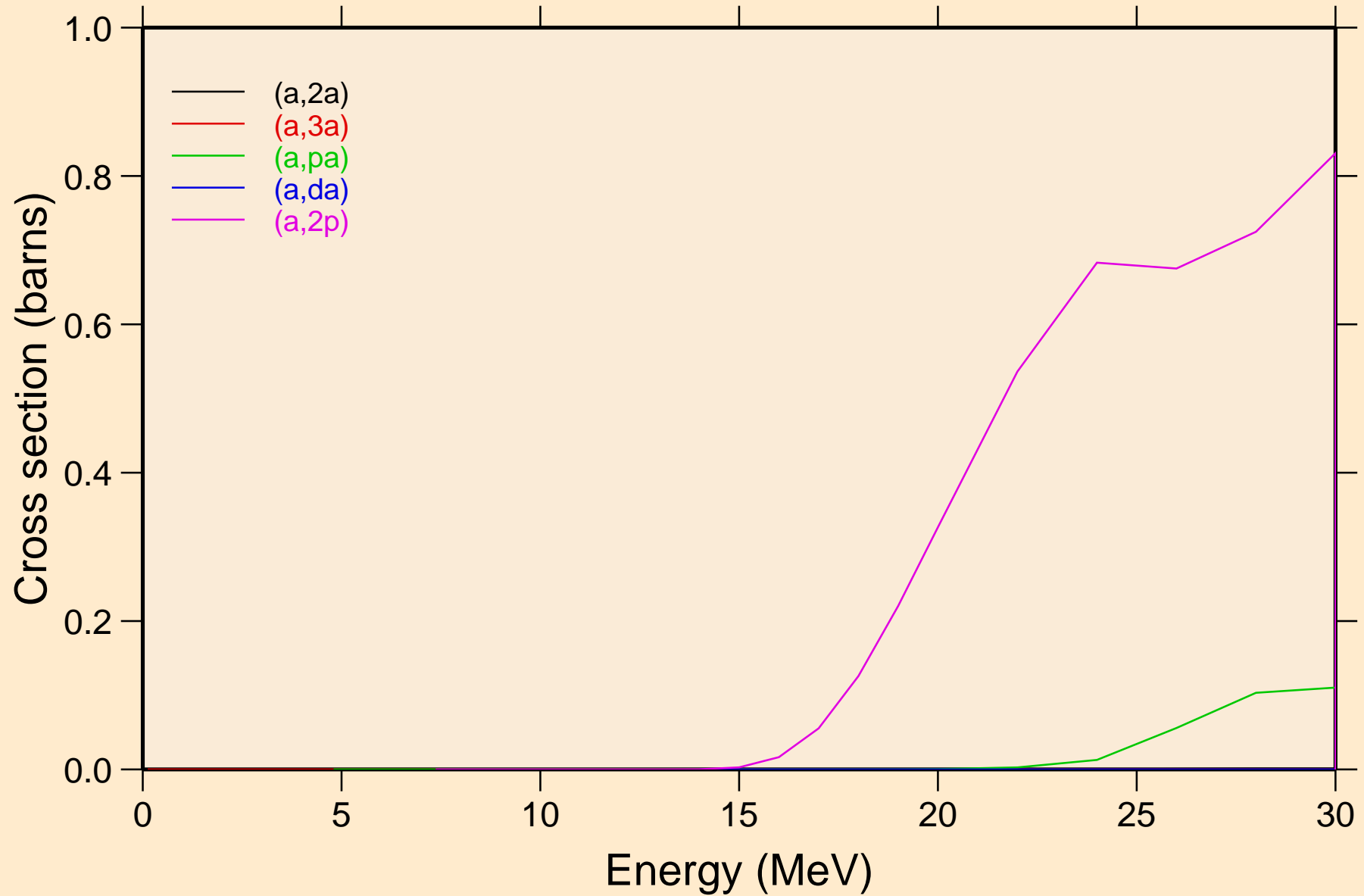
Heating



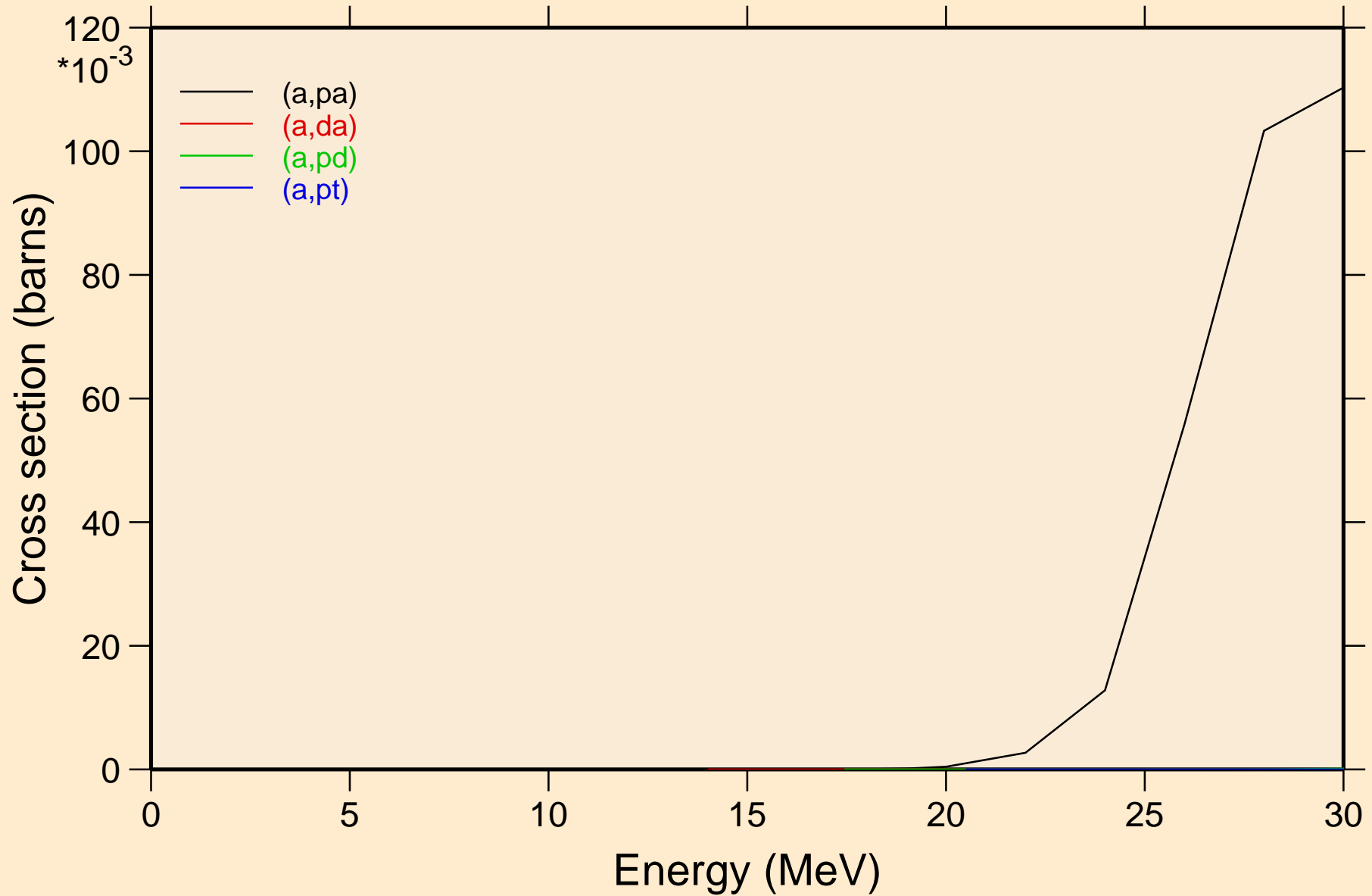
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



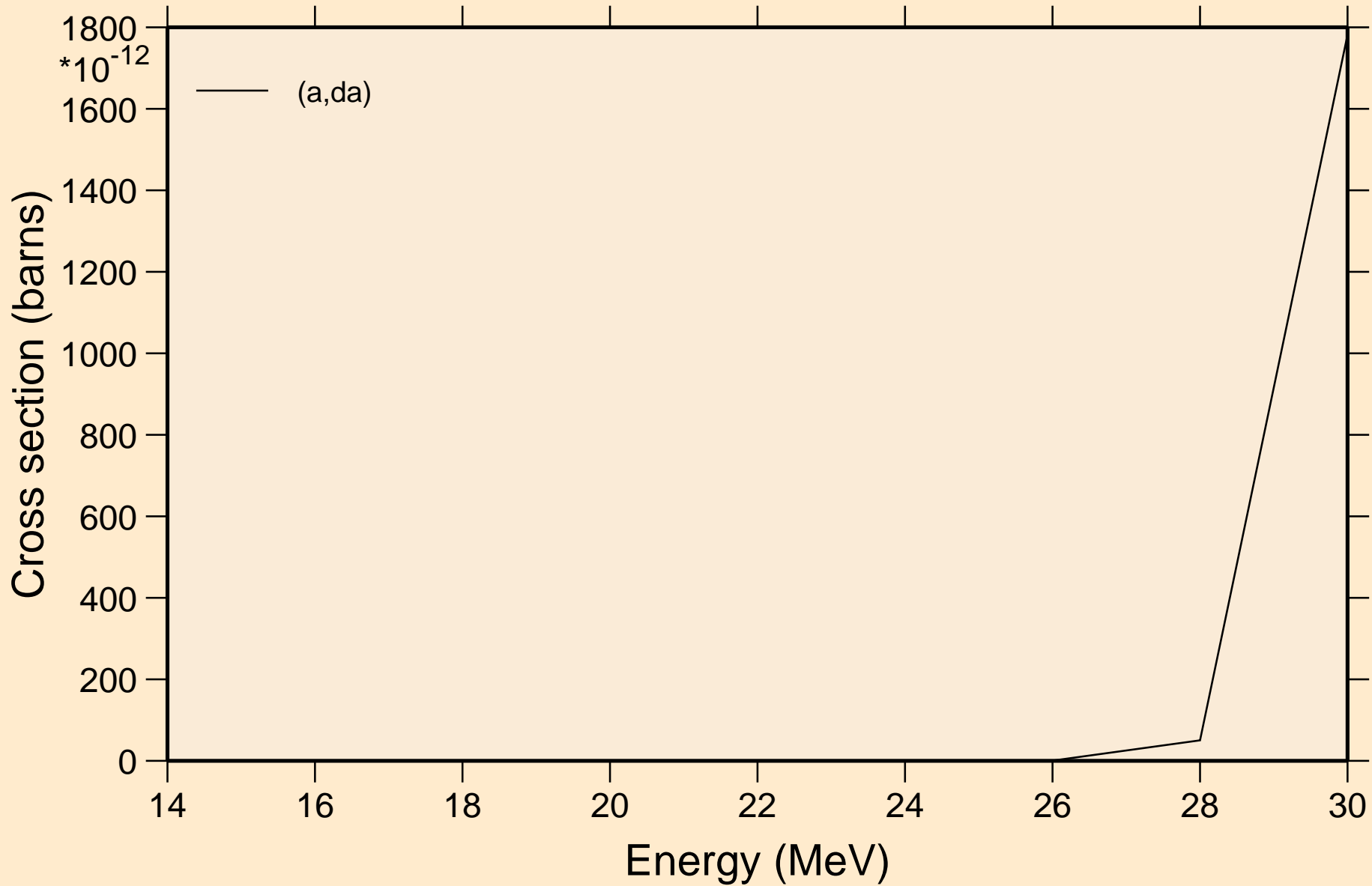
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

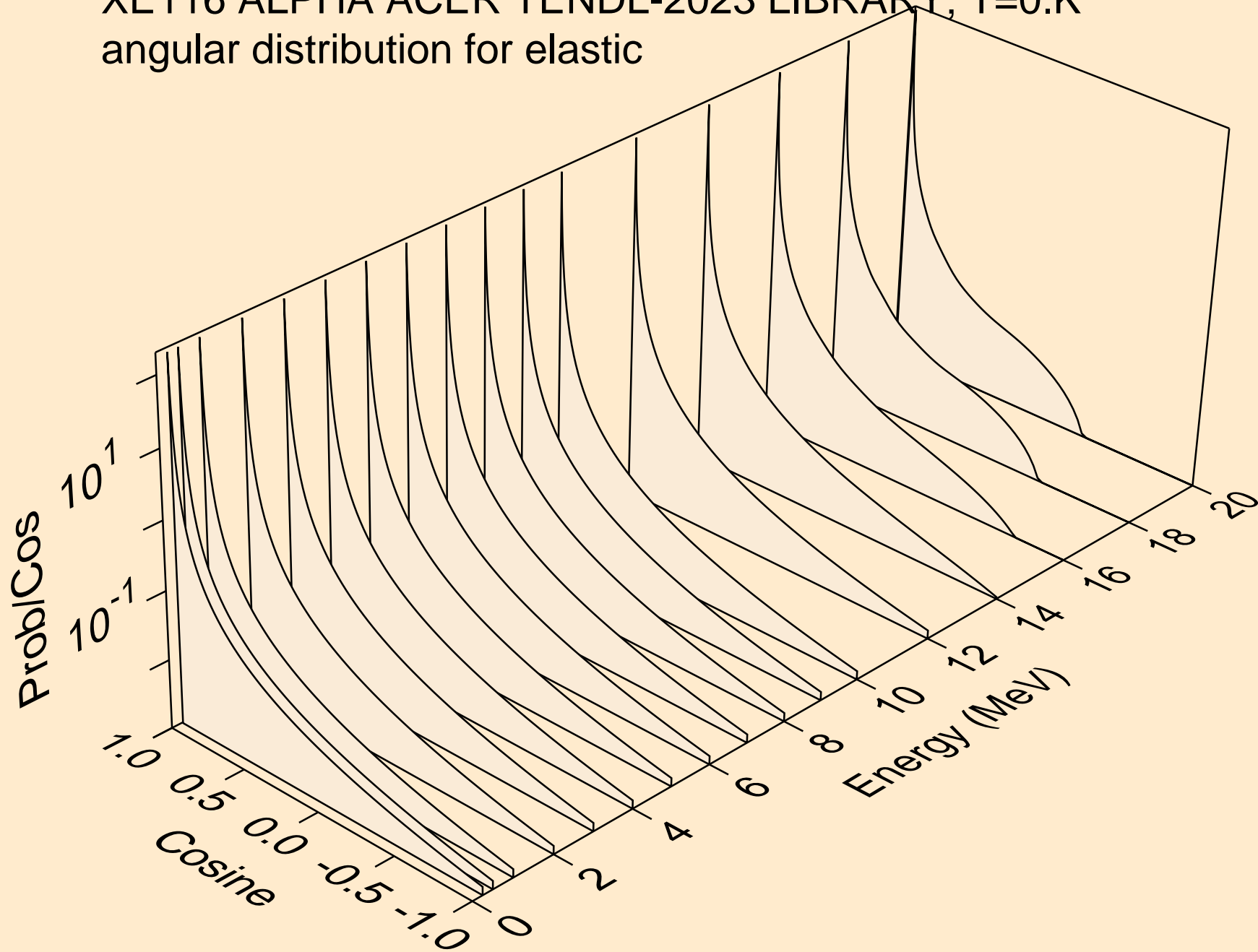


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

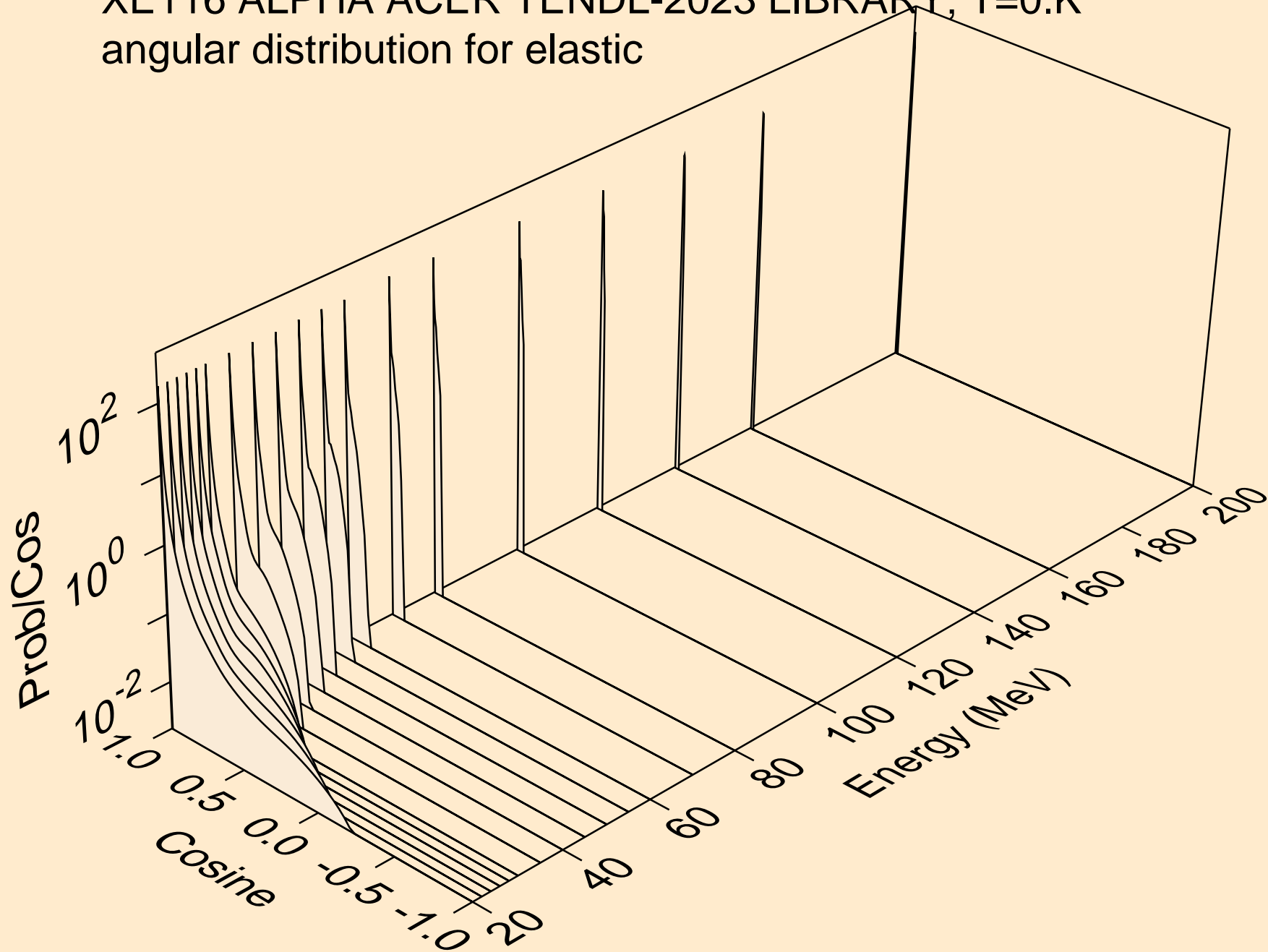




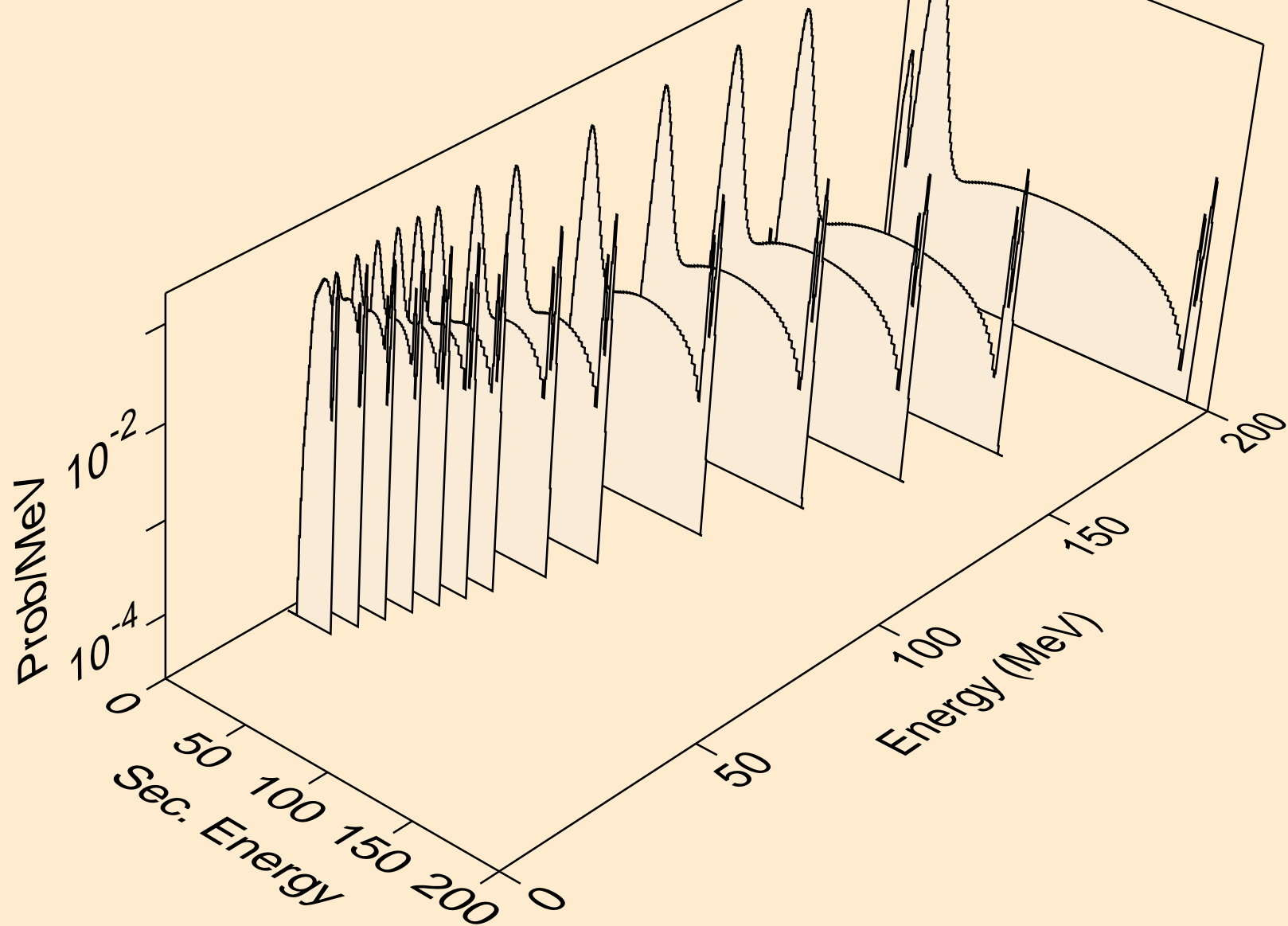
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



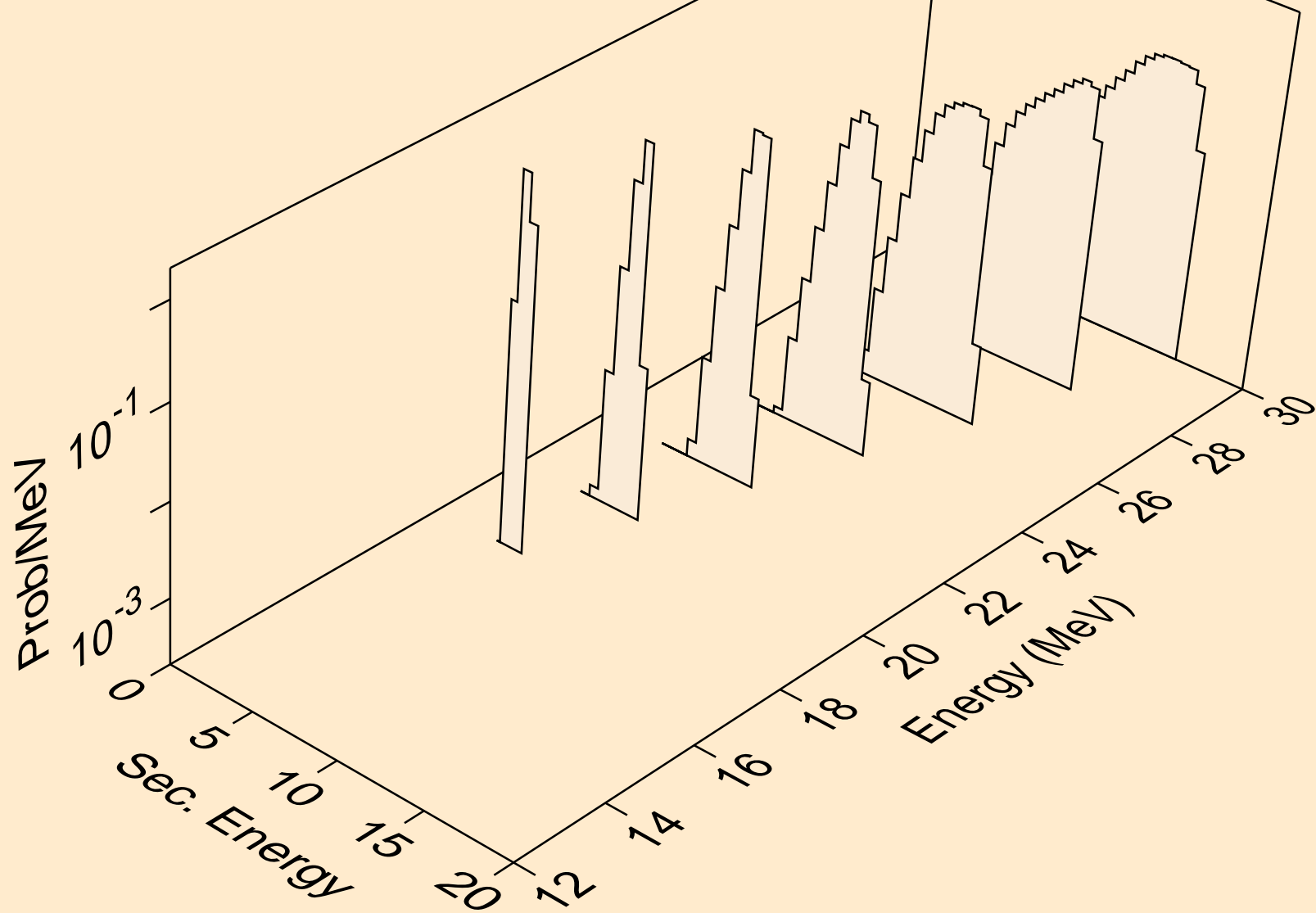
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



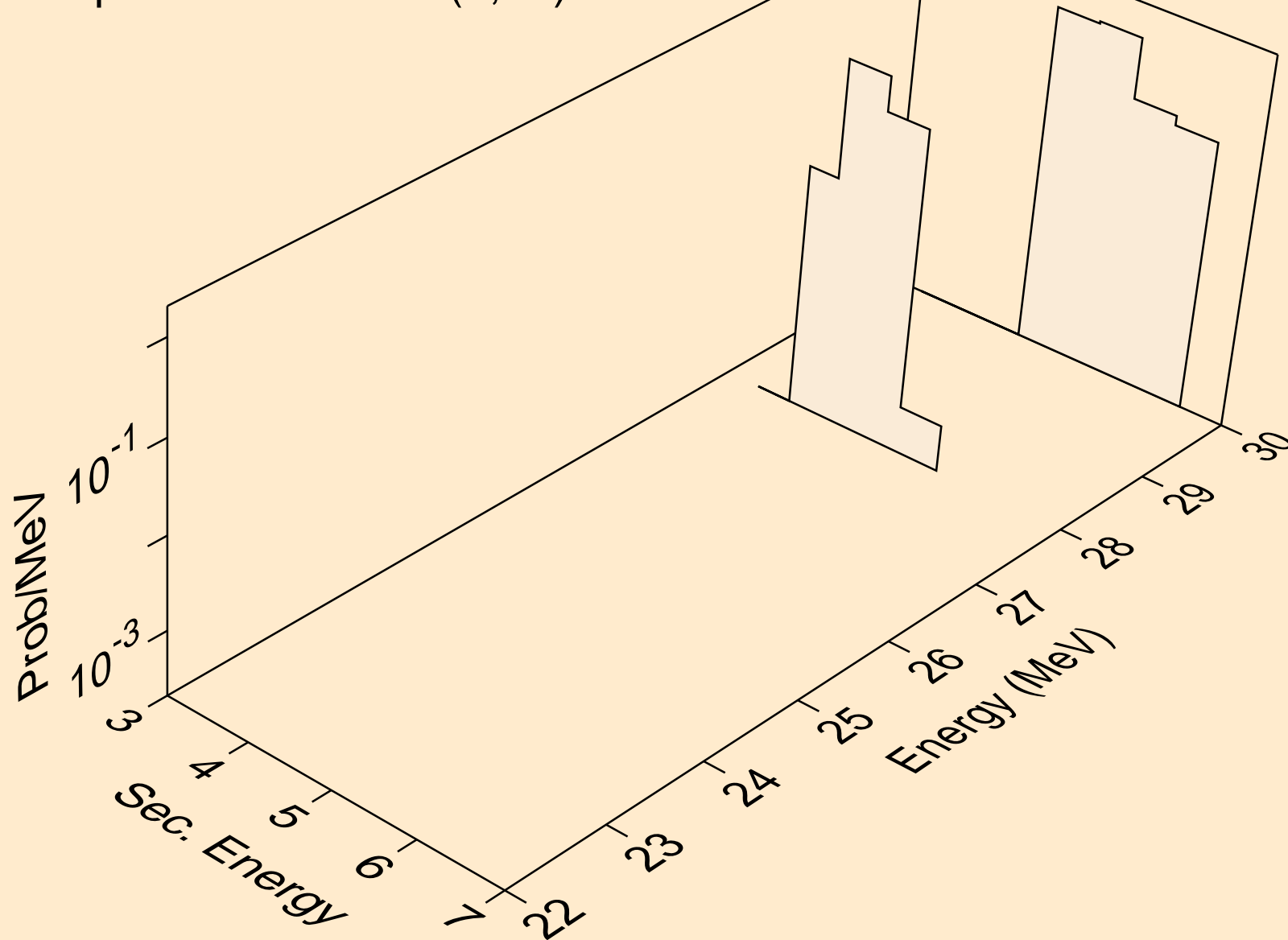
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



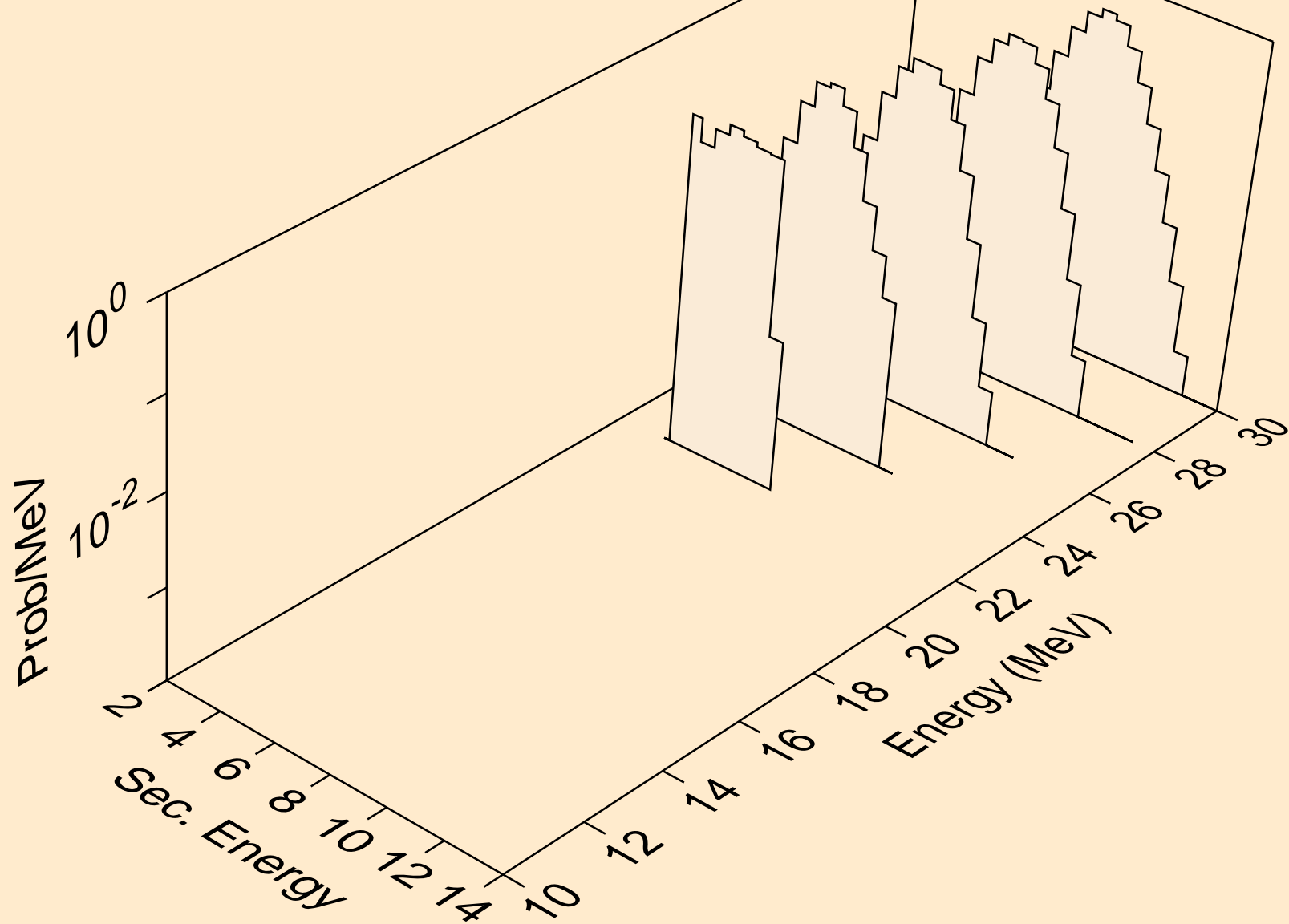
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



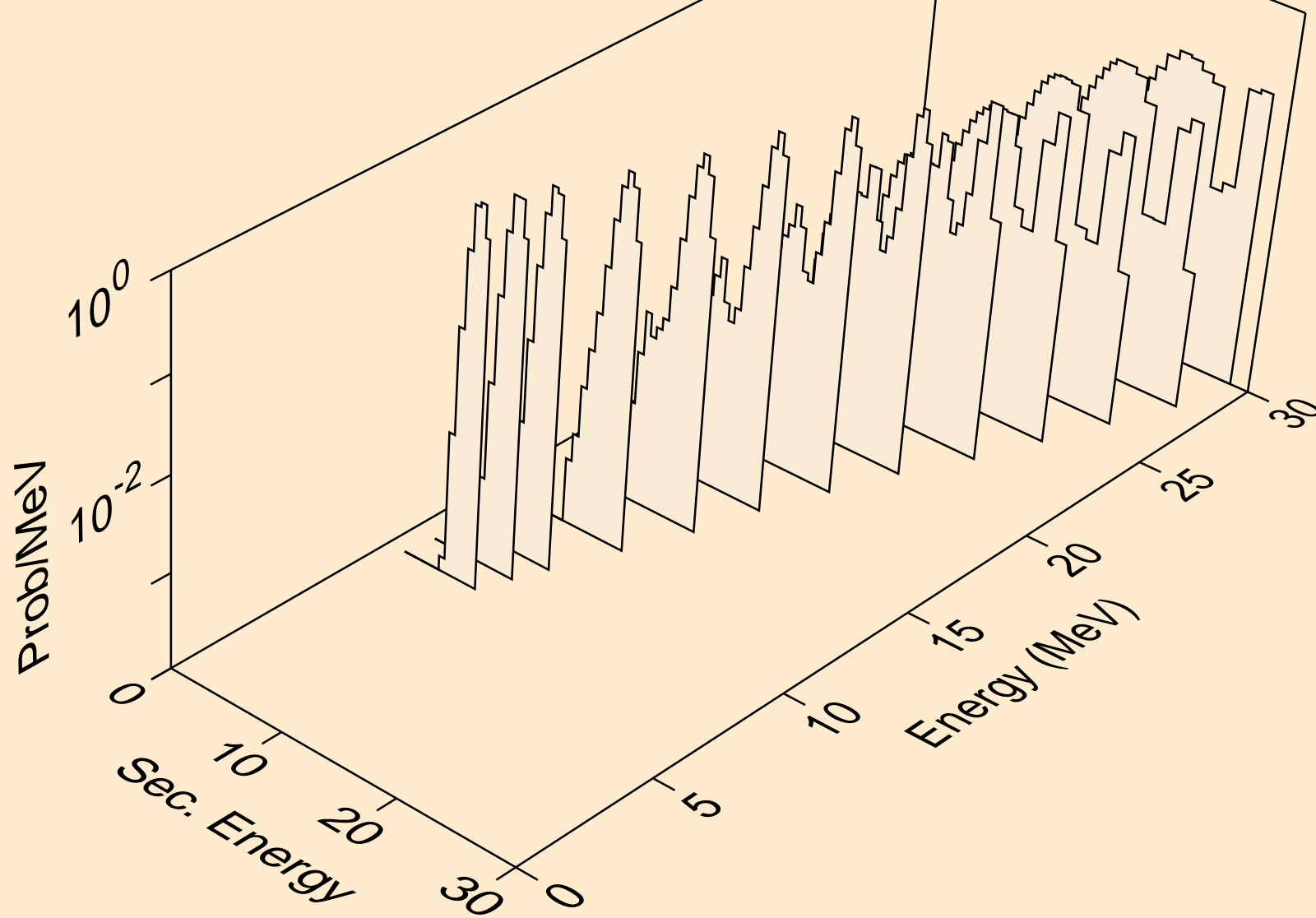
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a

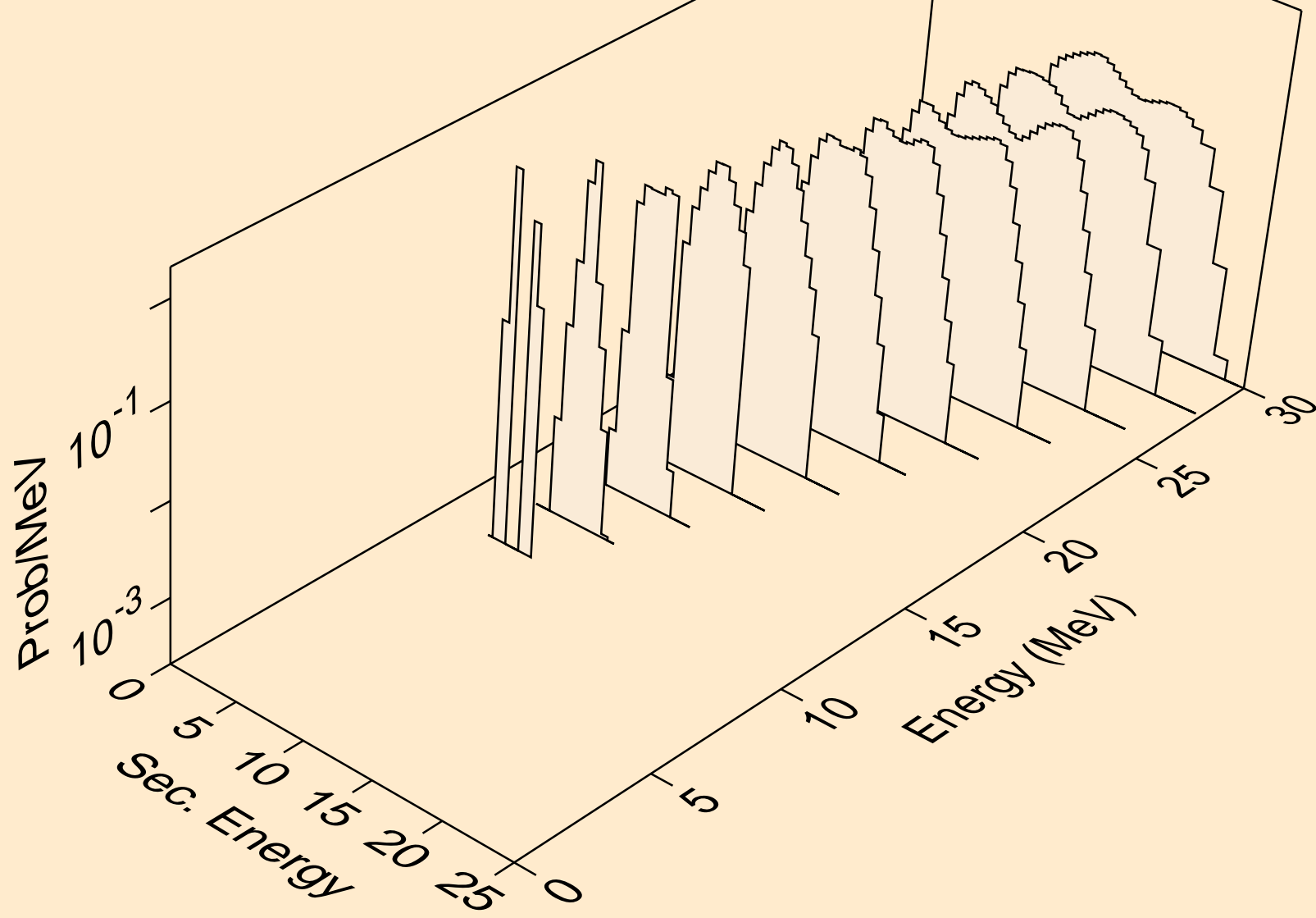


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



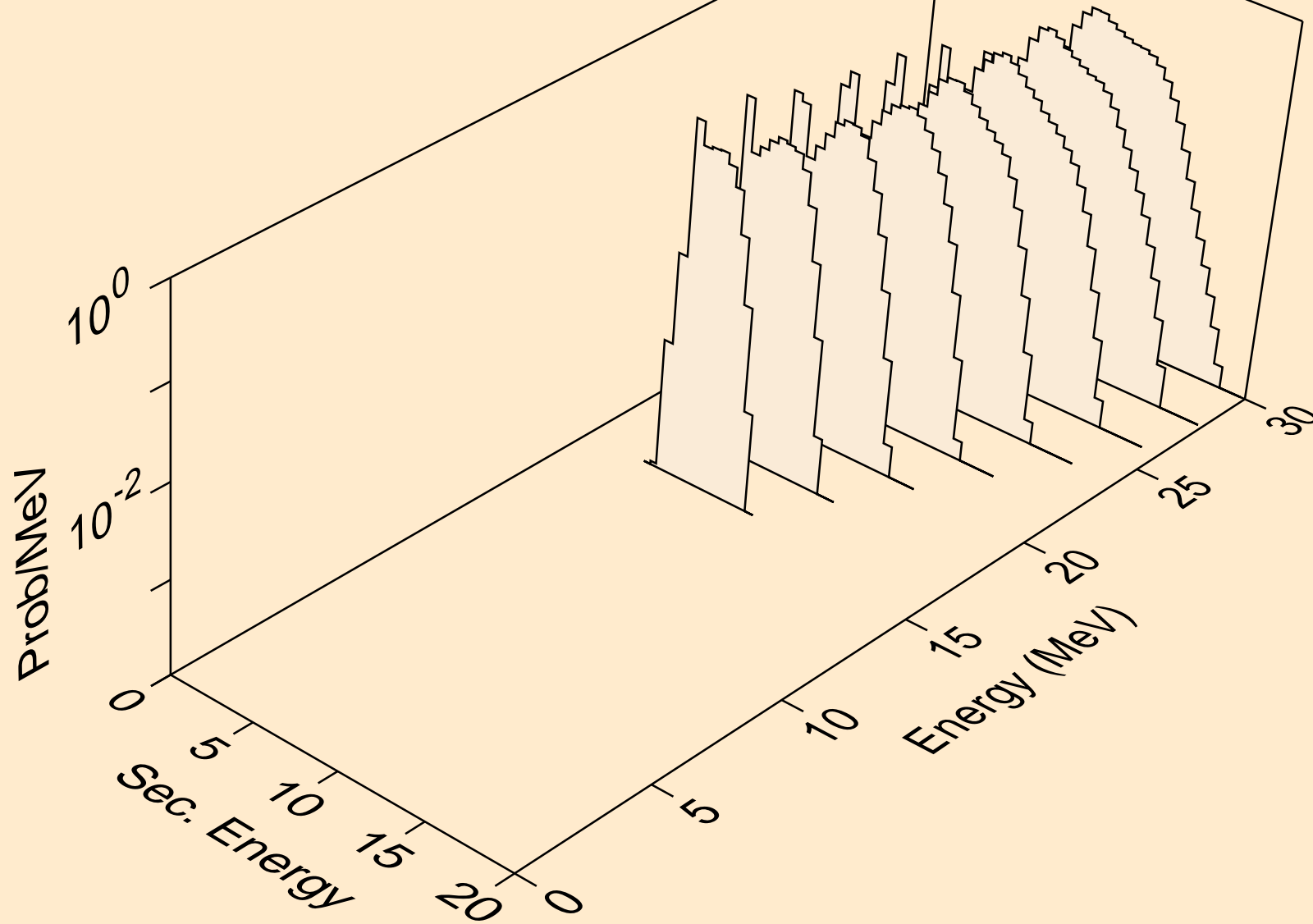
# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



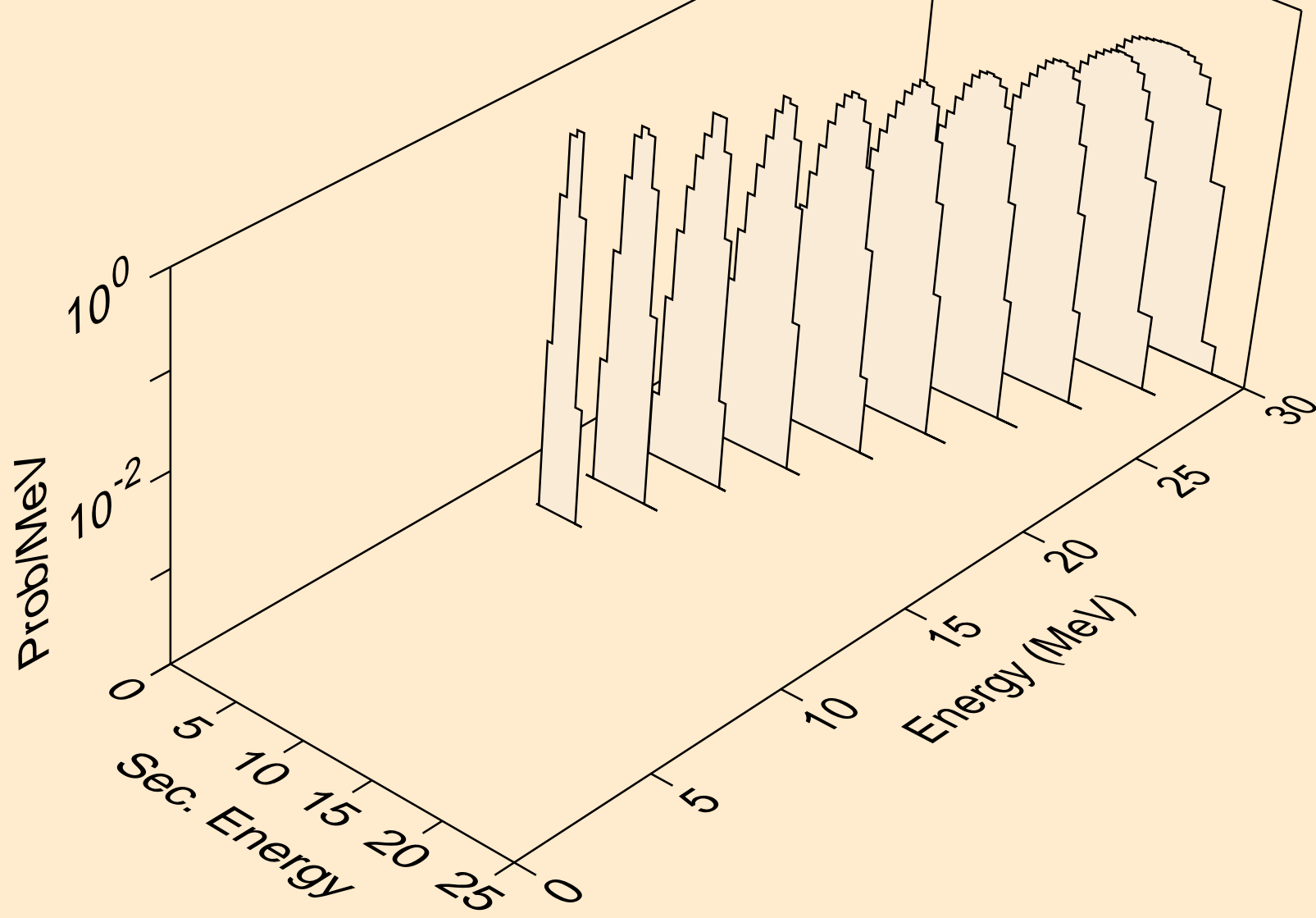


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3a)

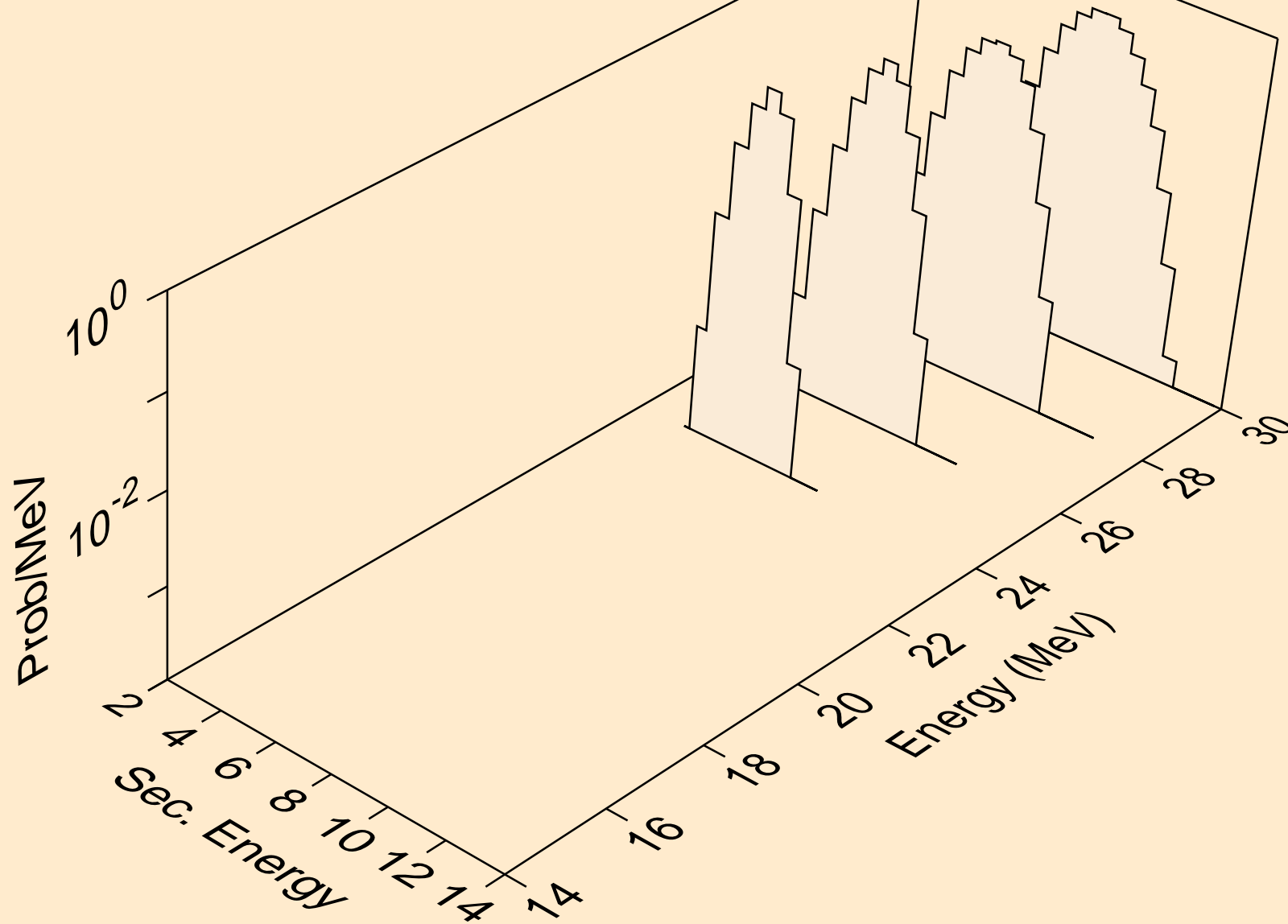


# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

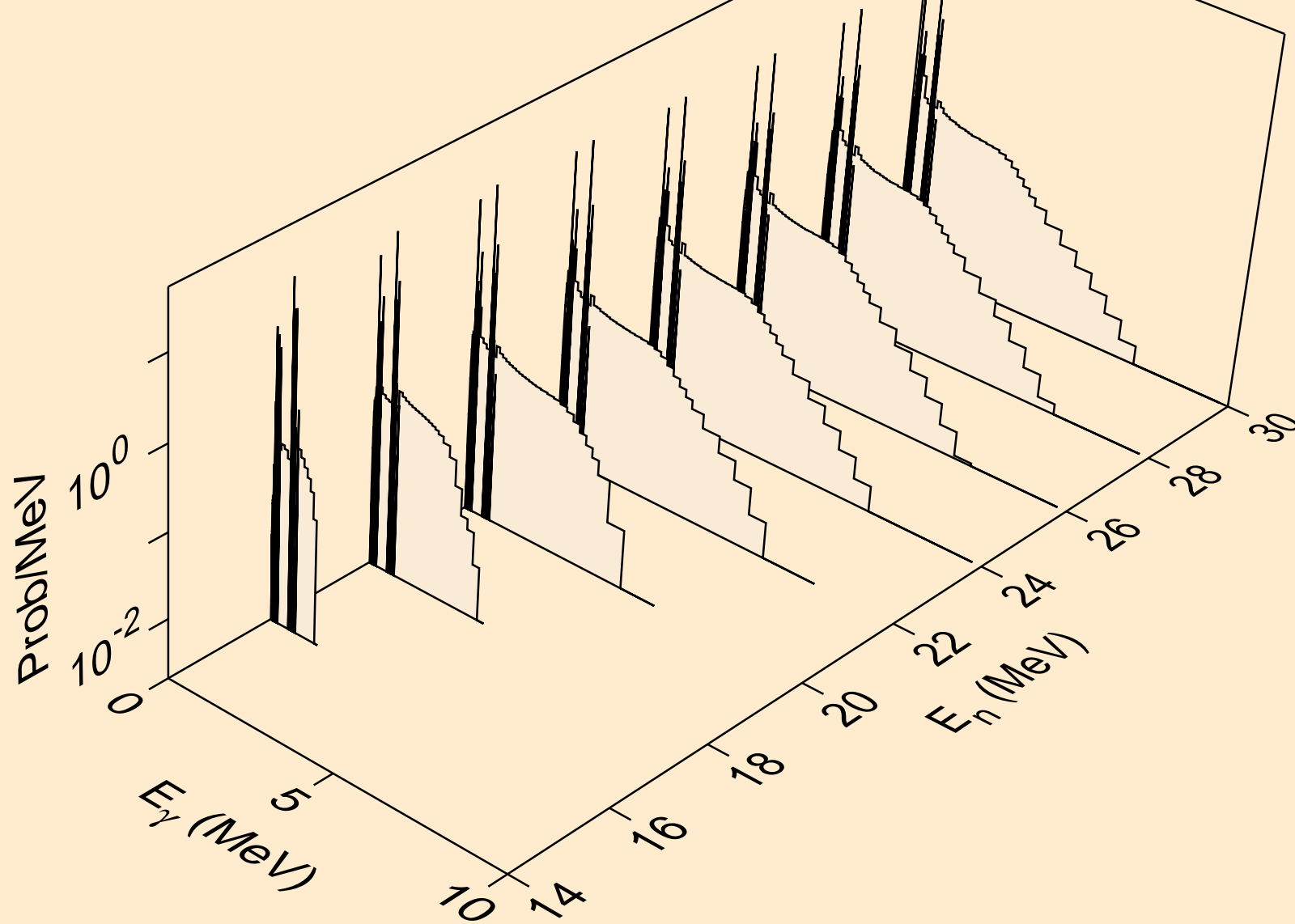
Alpha emission for (a,pa)



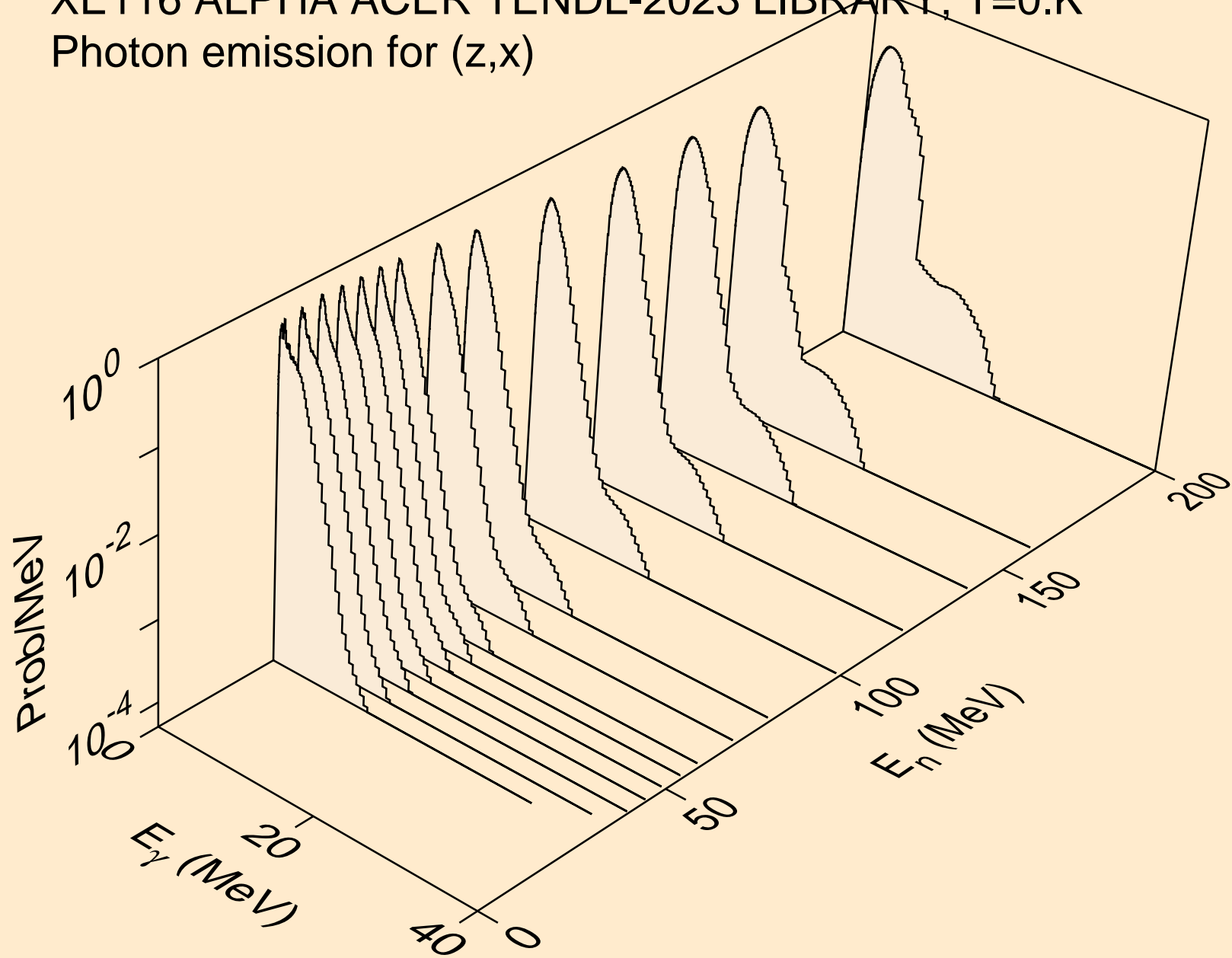
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



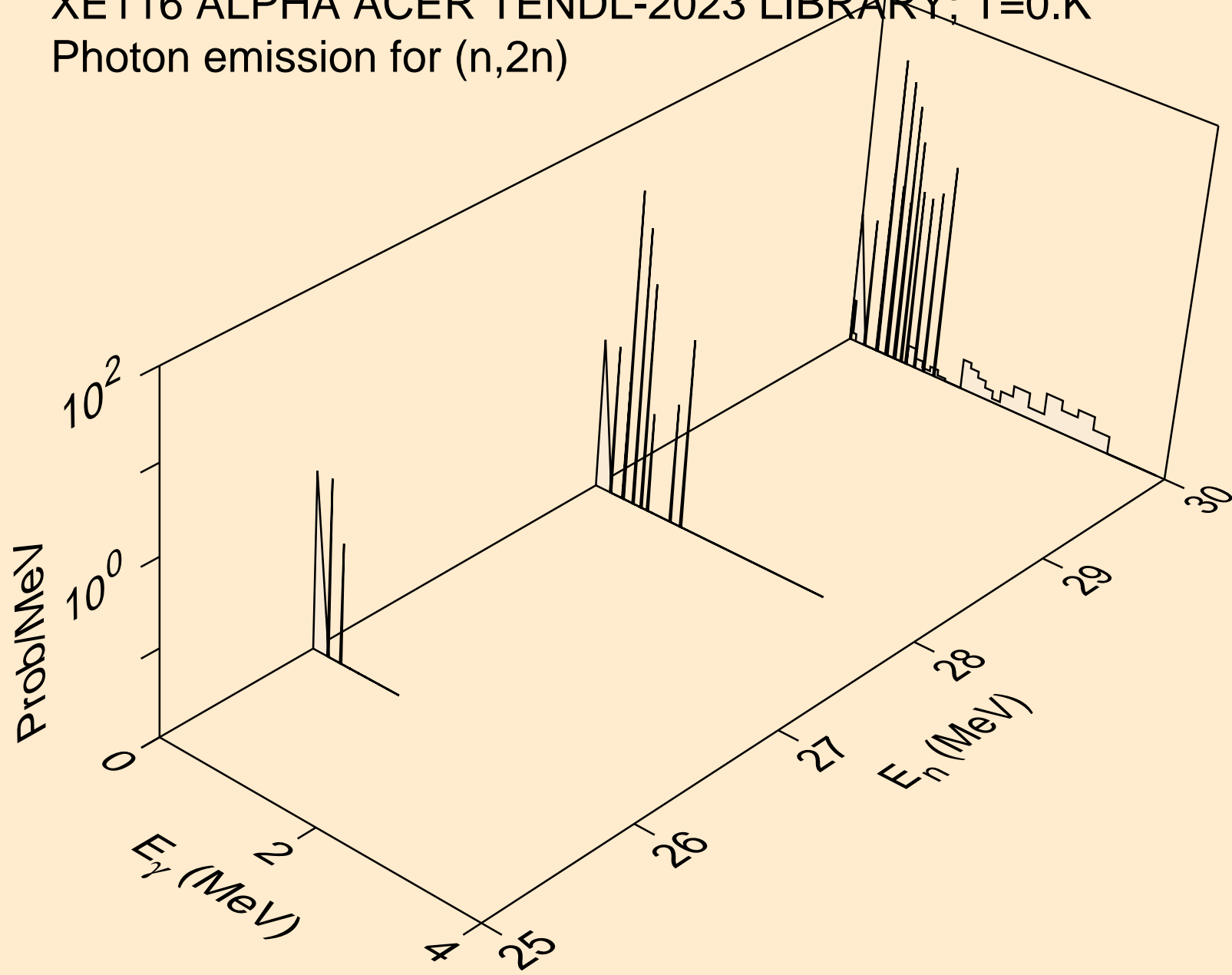
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



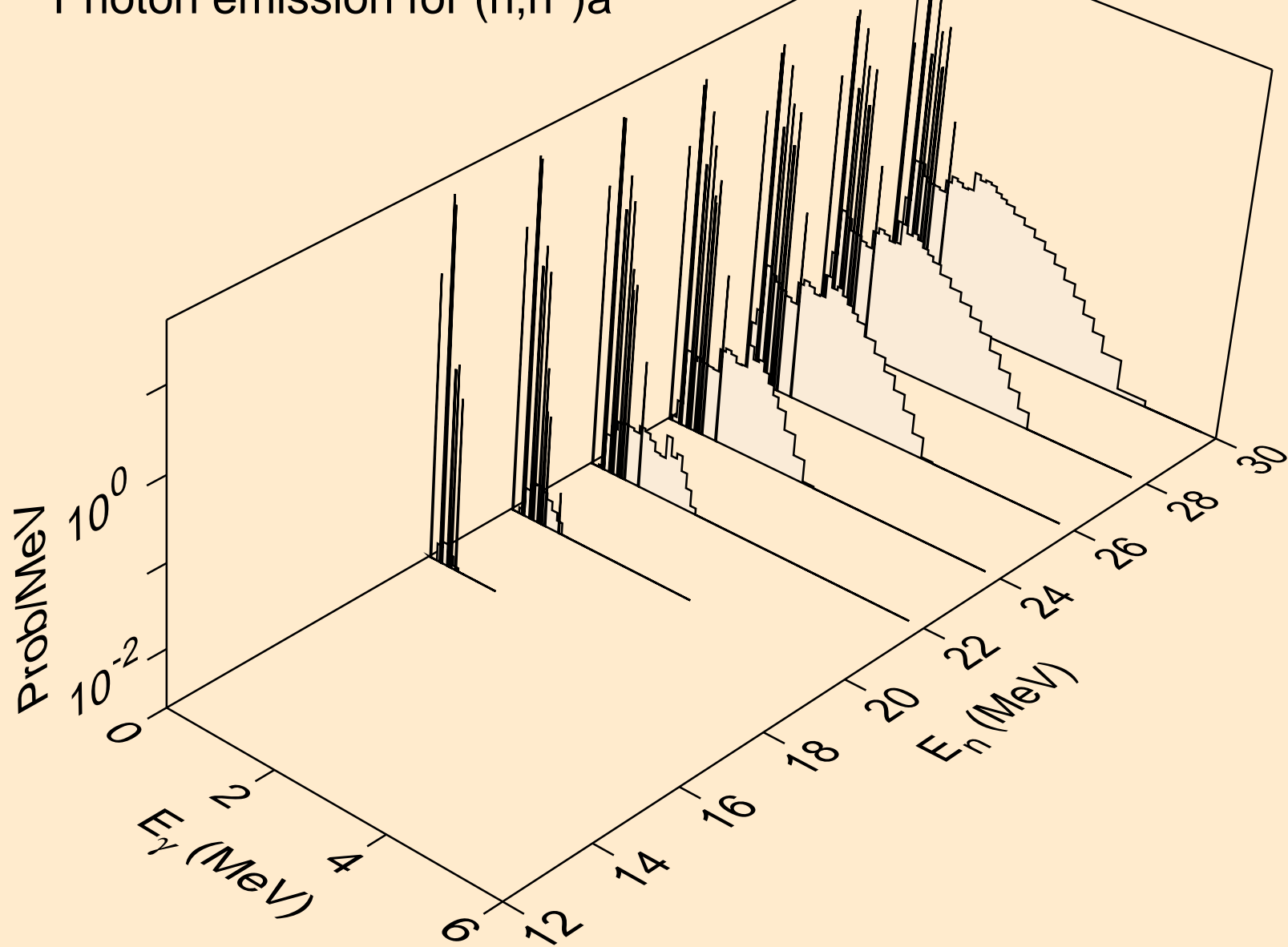
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



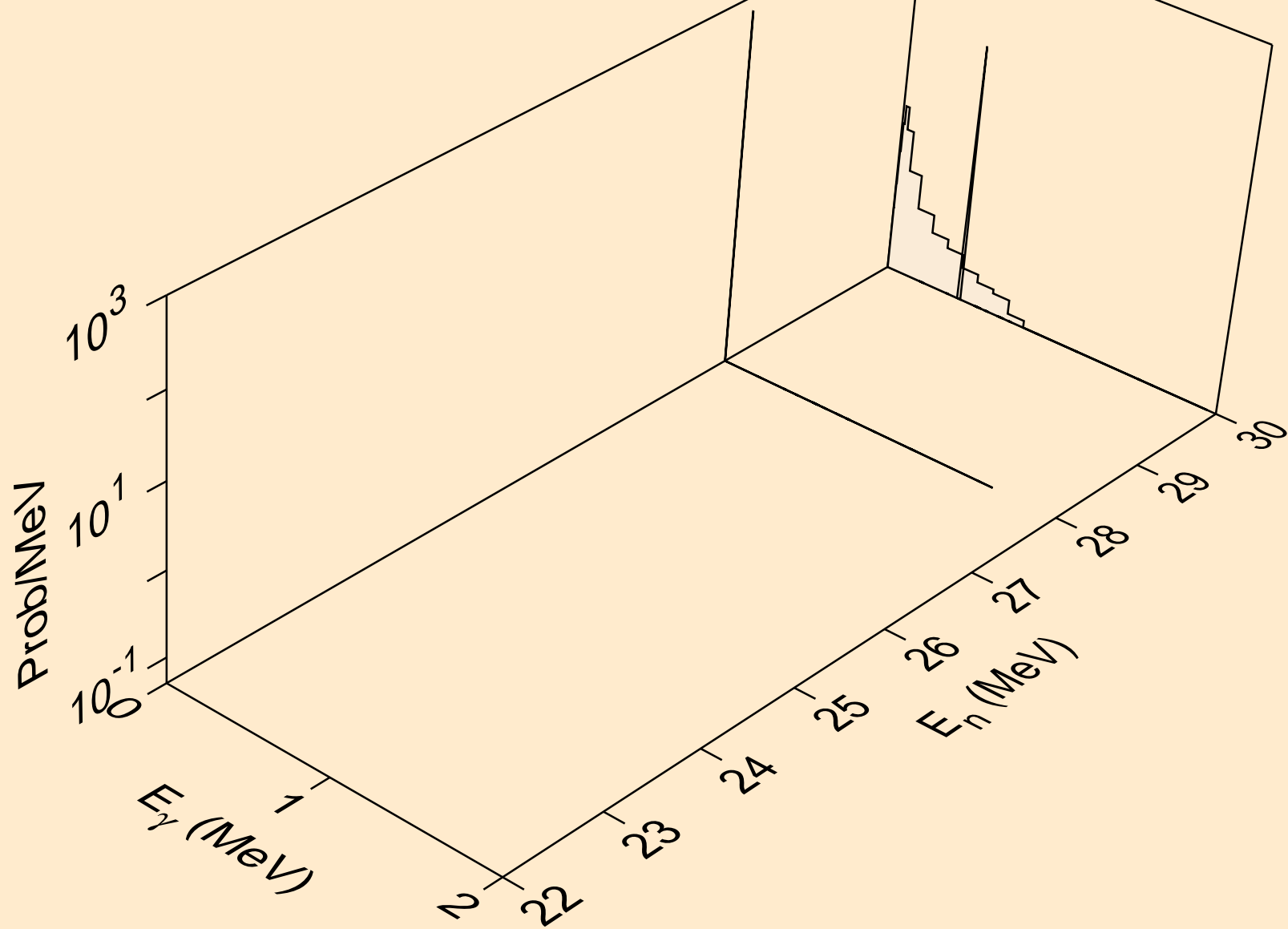
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



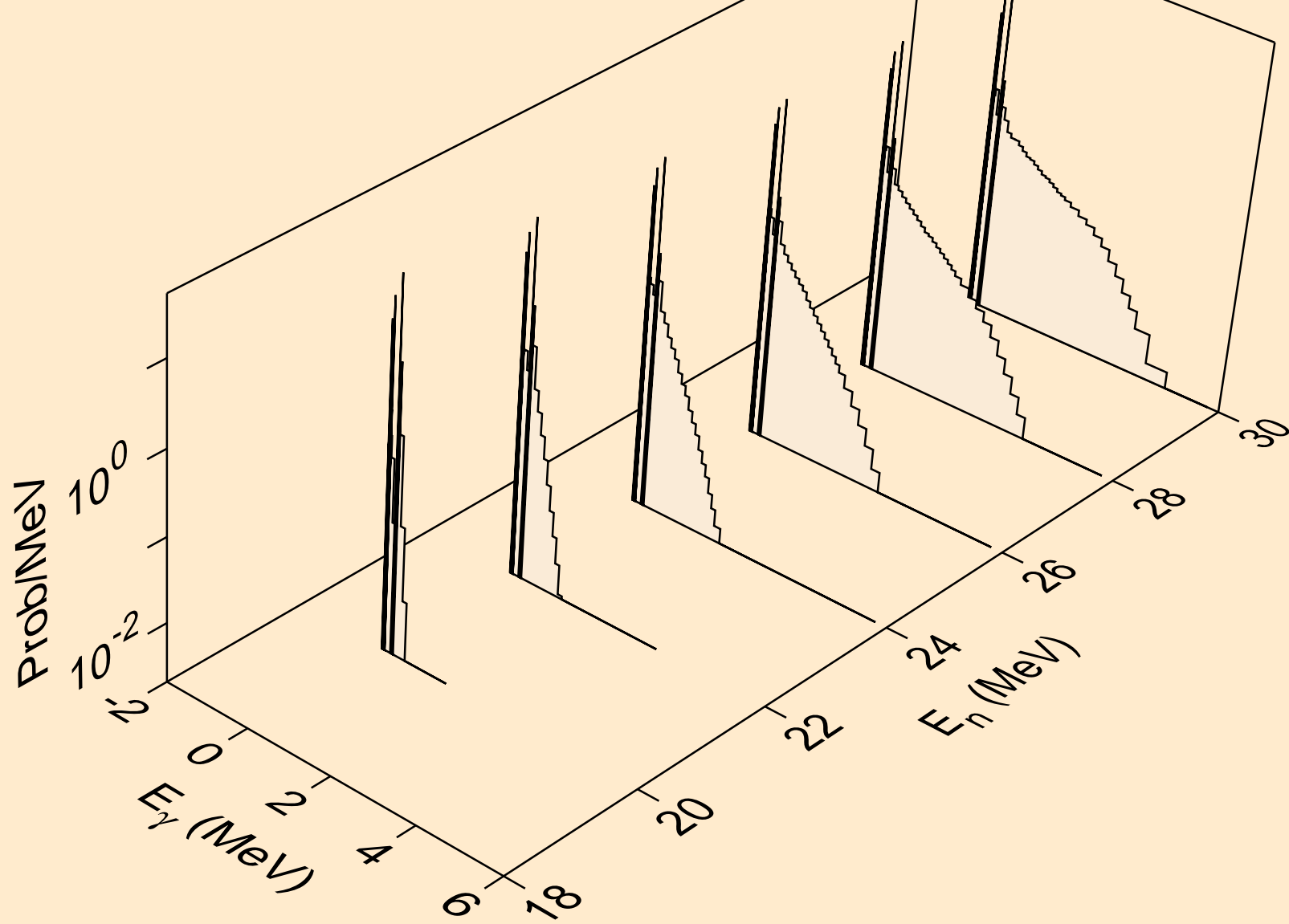
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



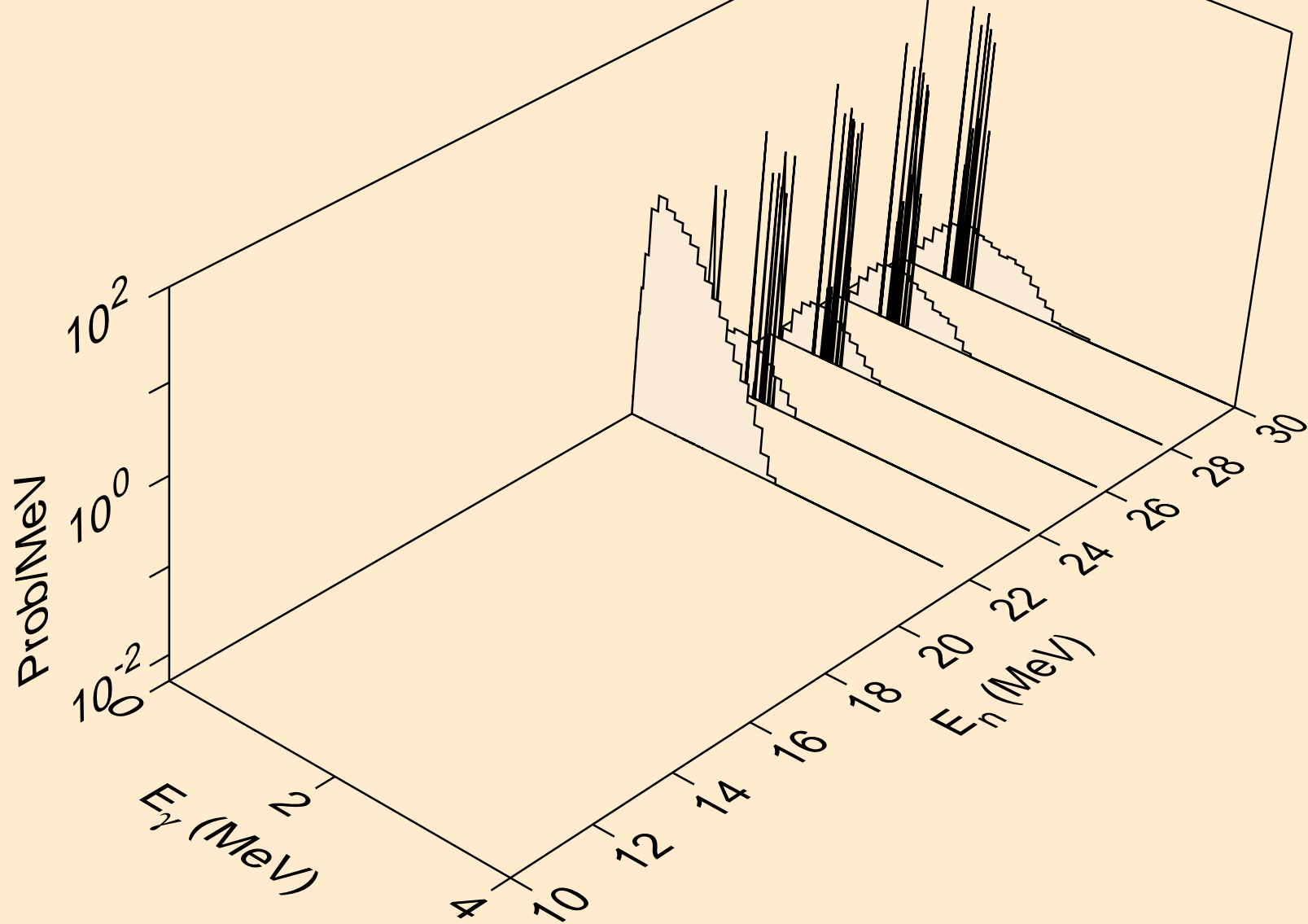


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

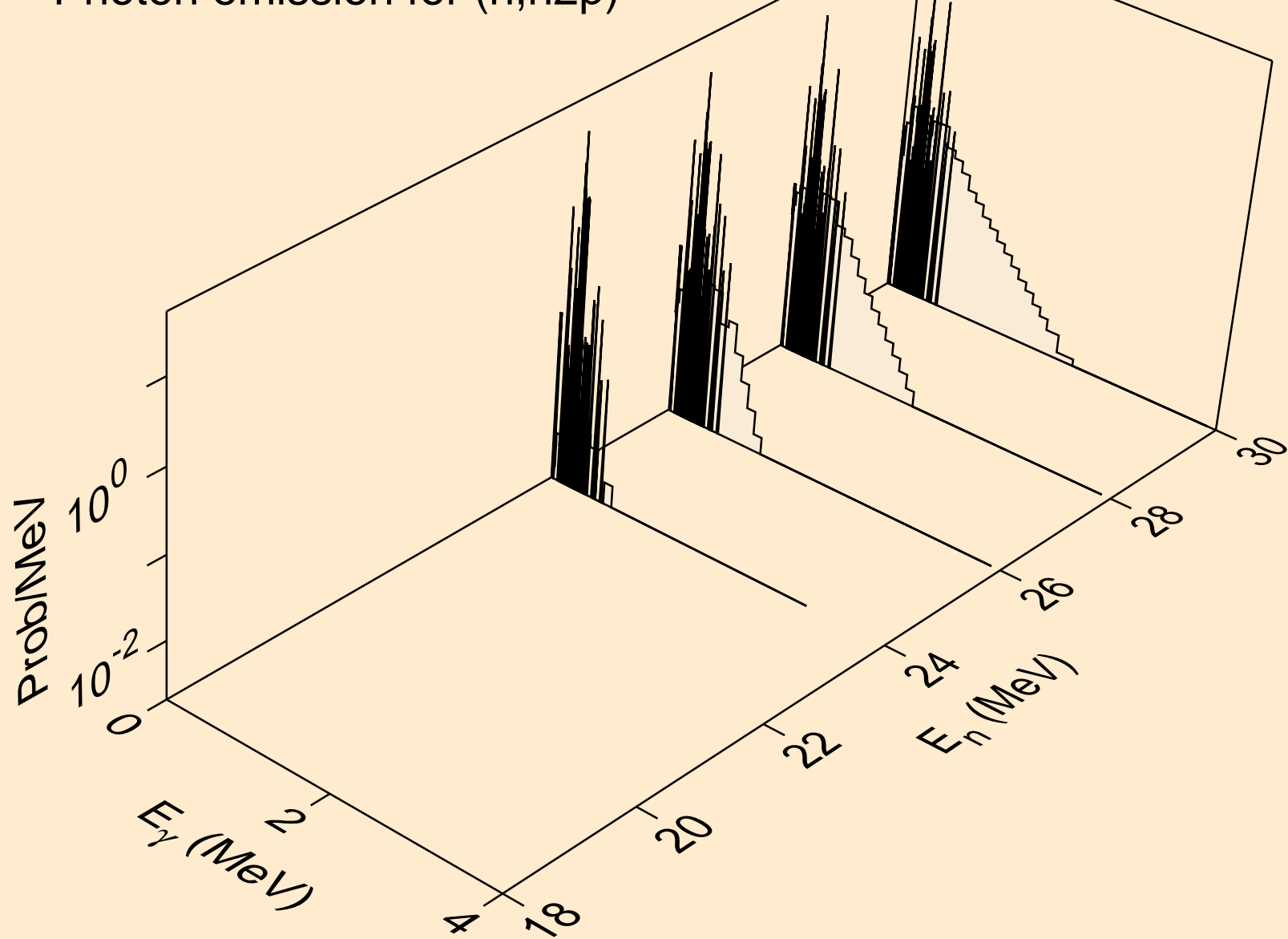
Photon emission for (n,n\*)p



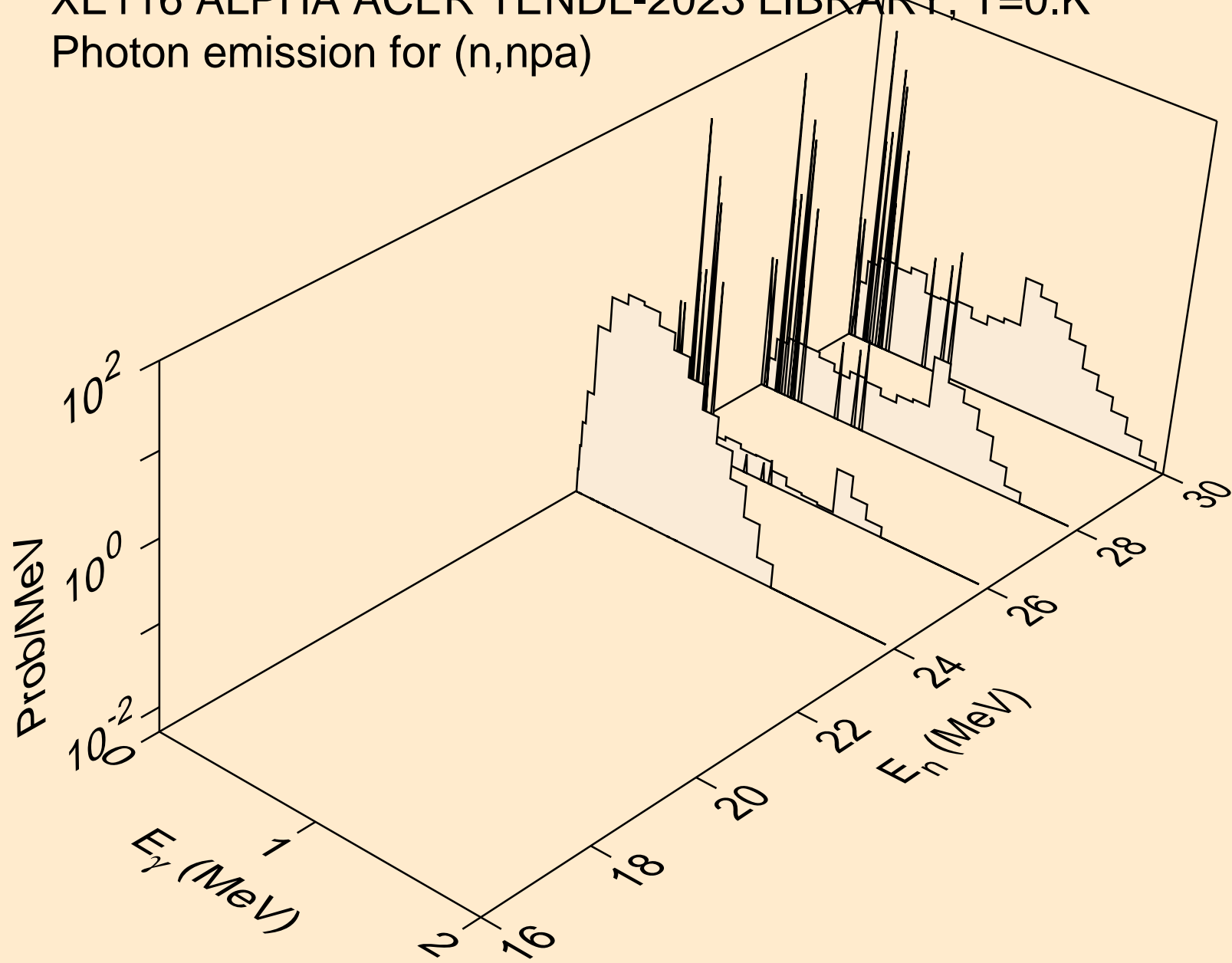
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



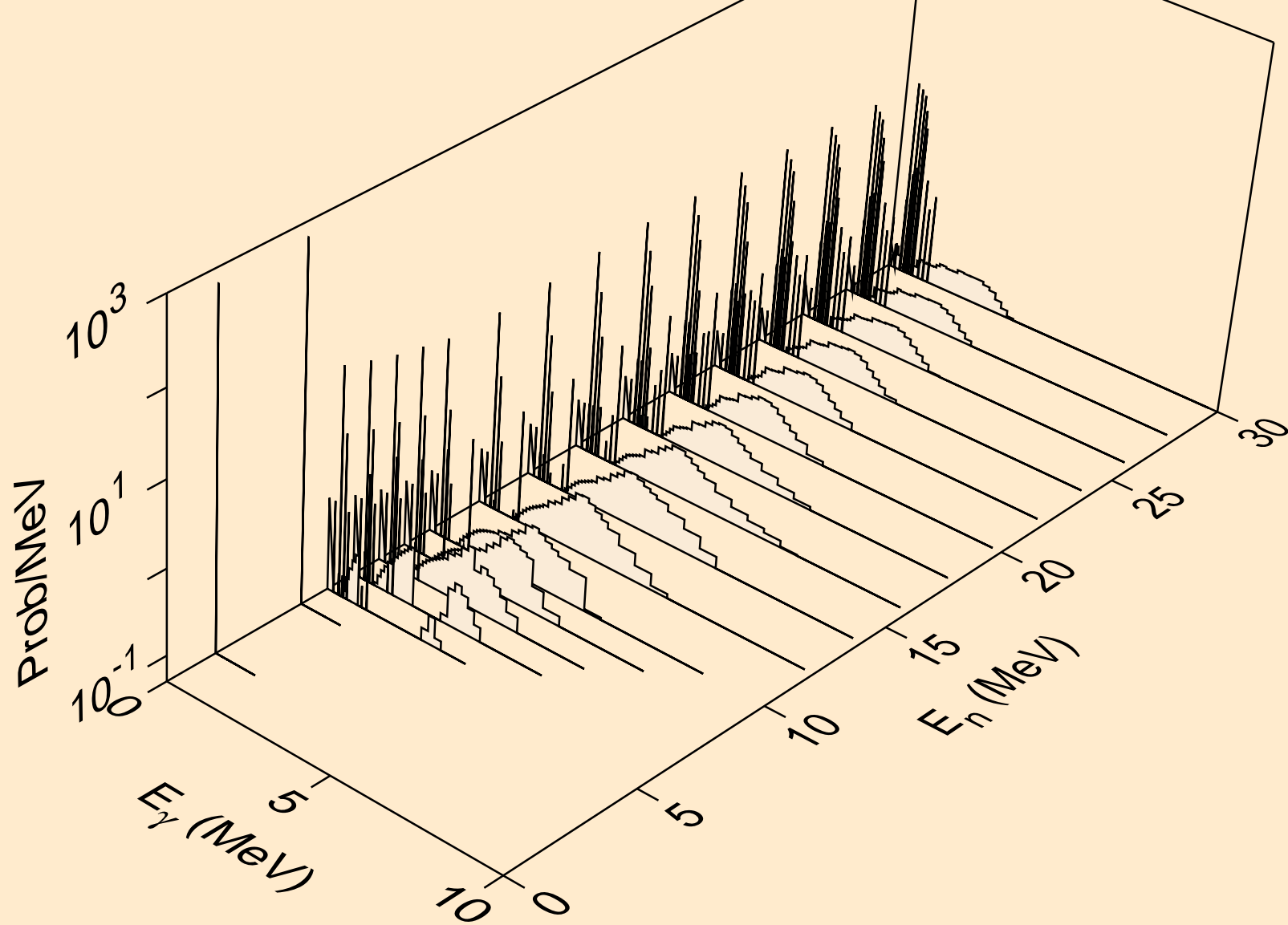
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



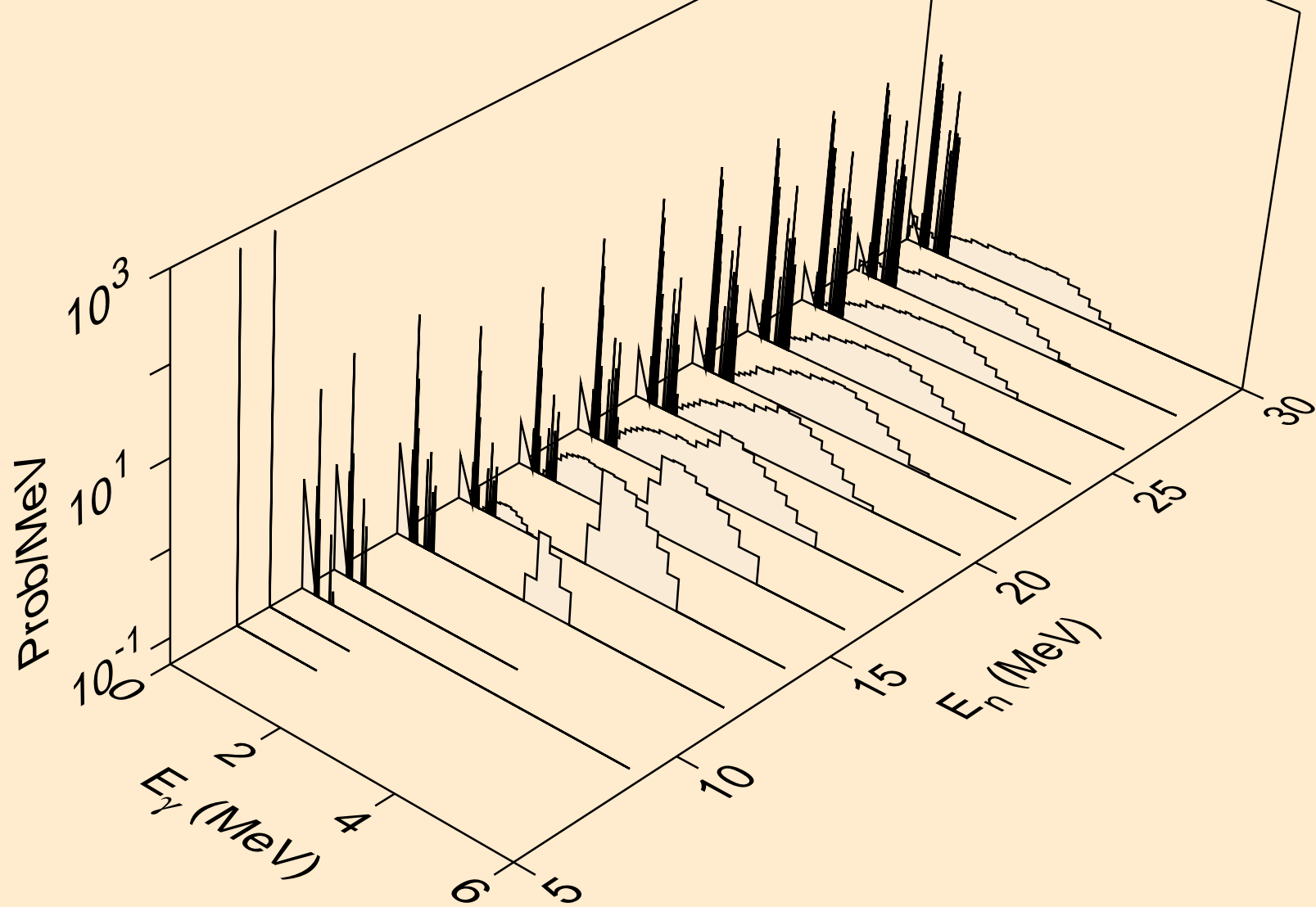
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



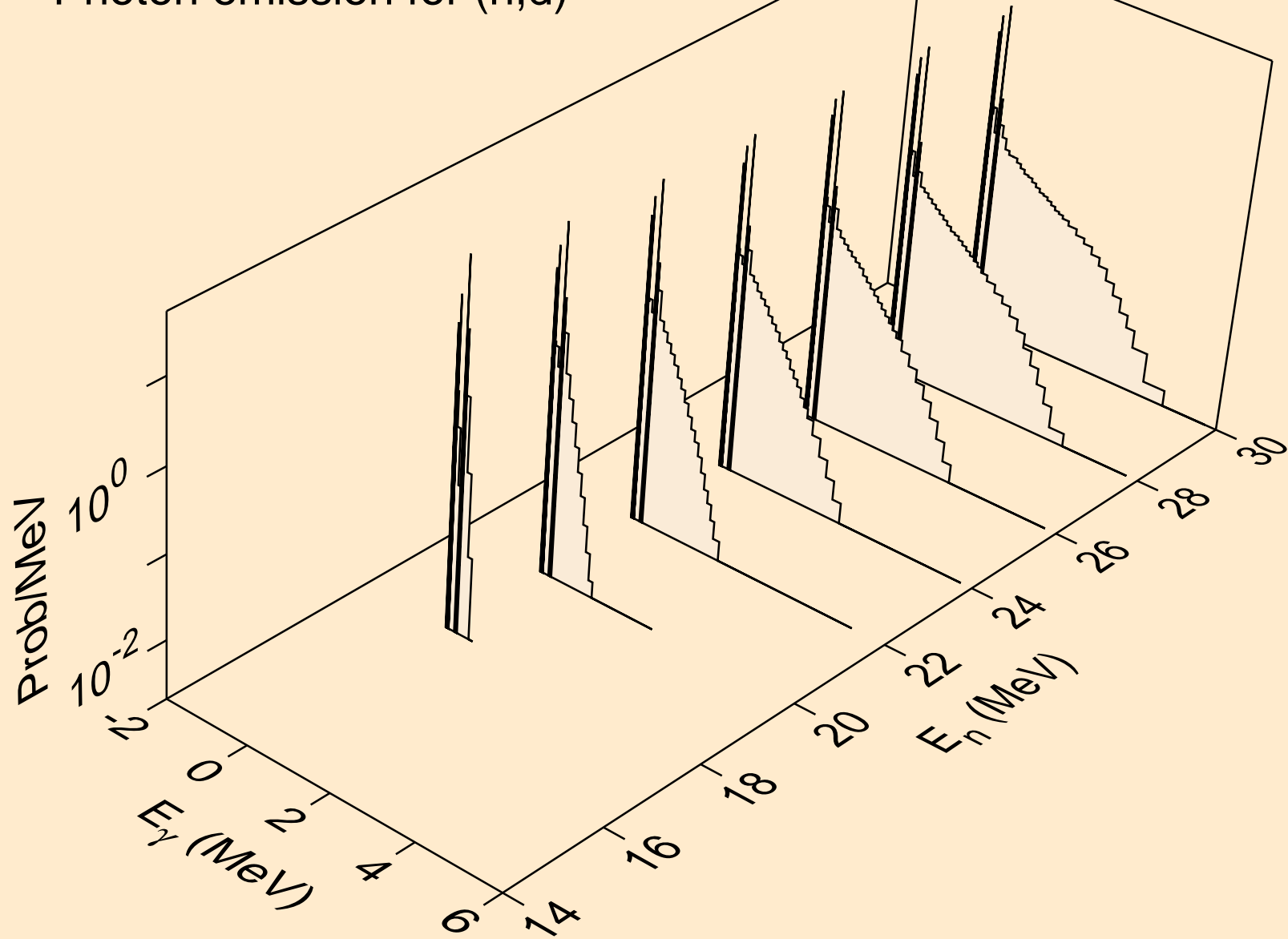
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



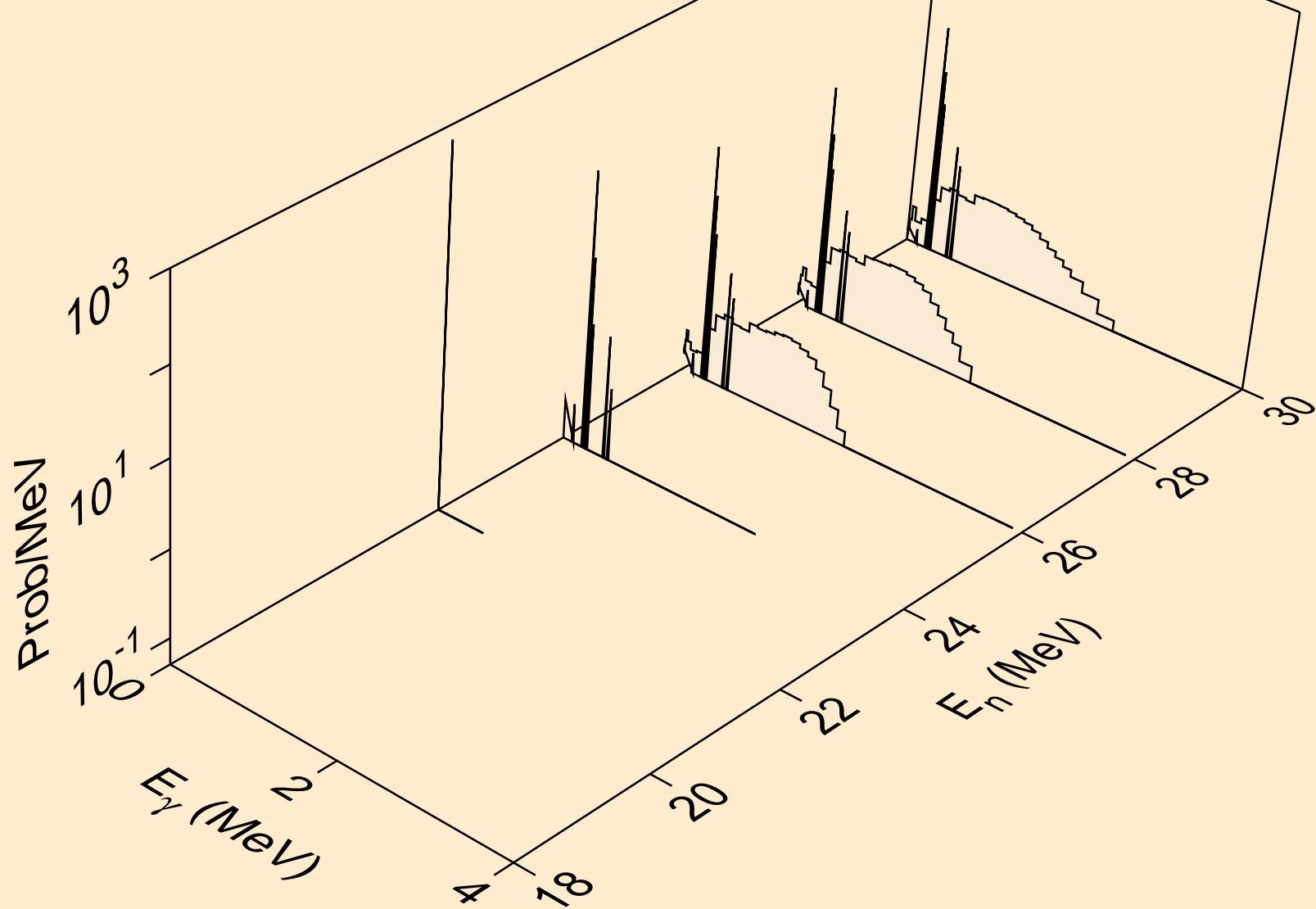
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

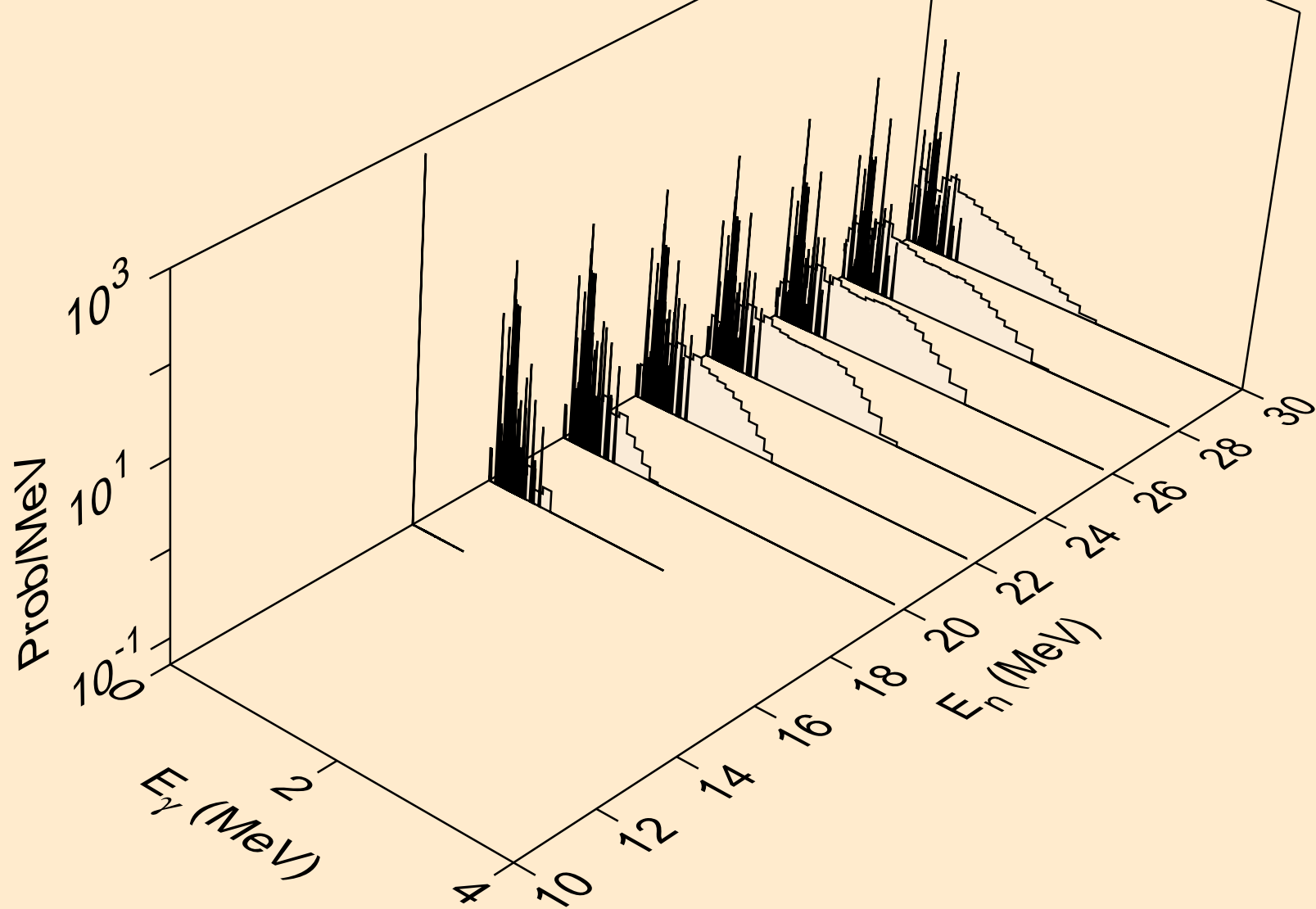


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

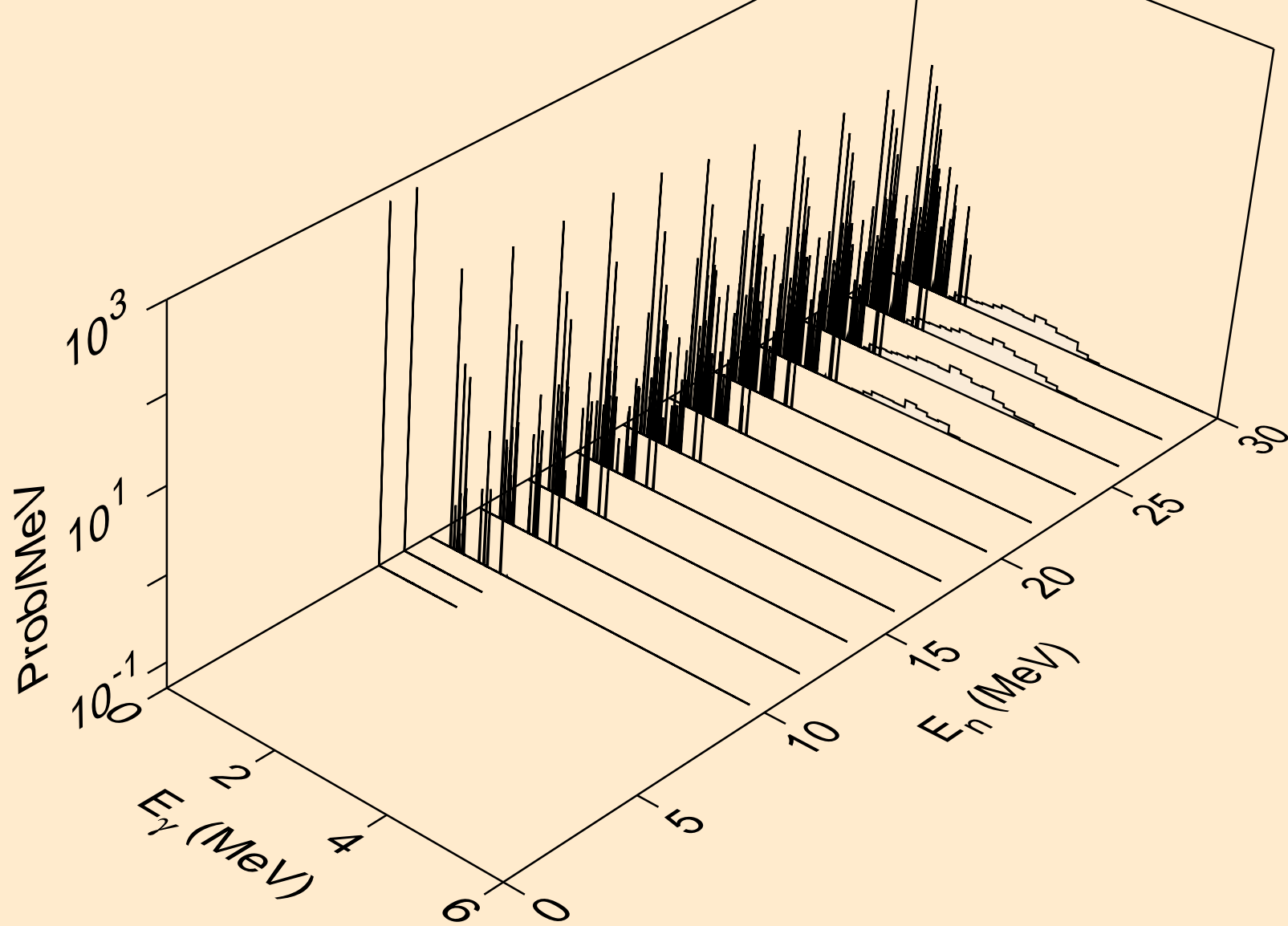




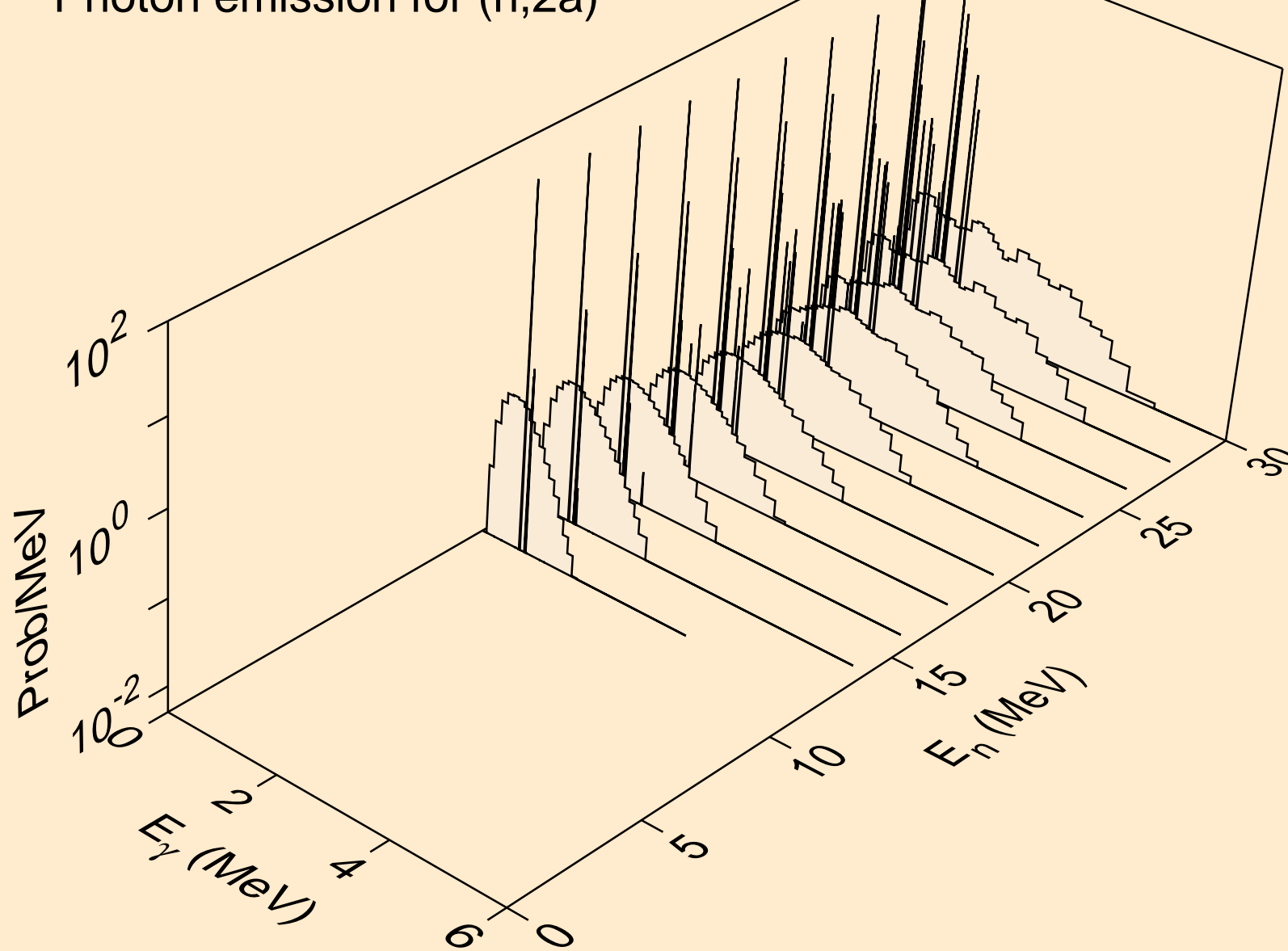
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



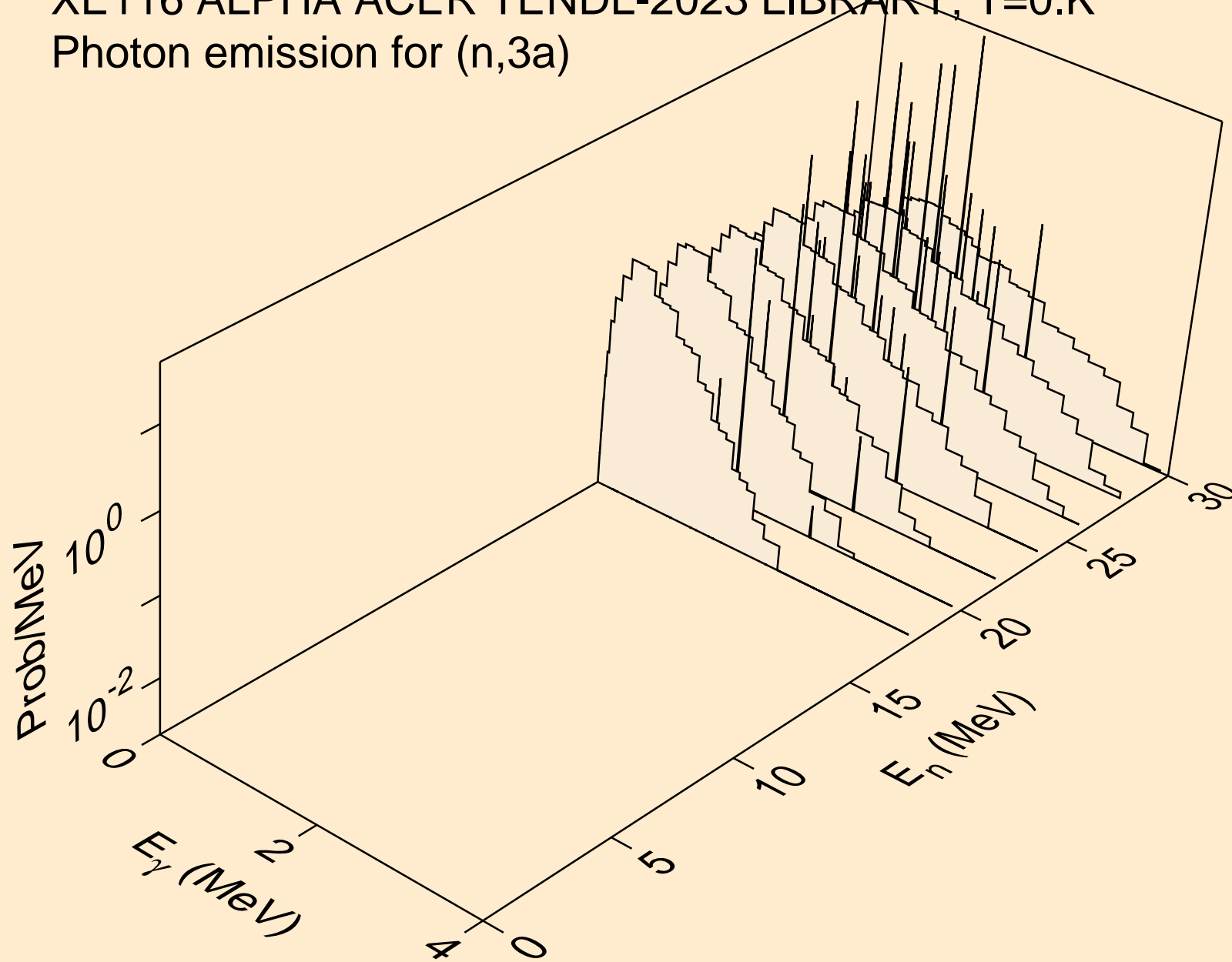
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



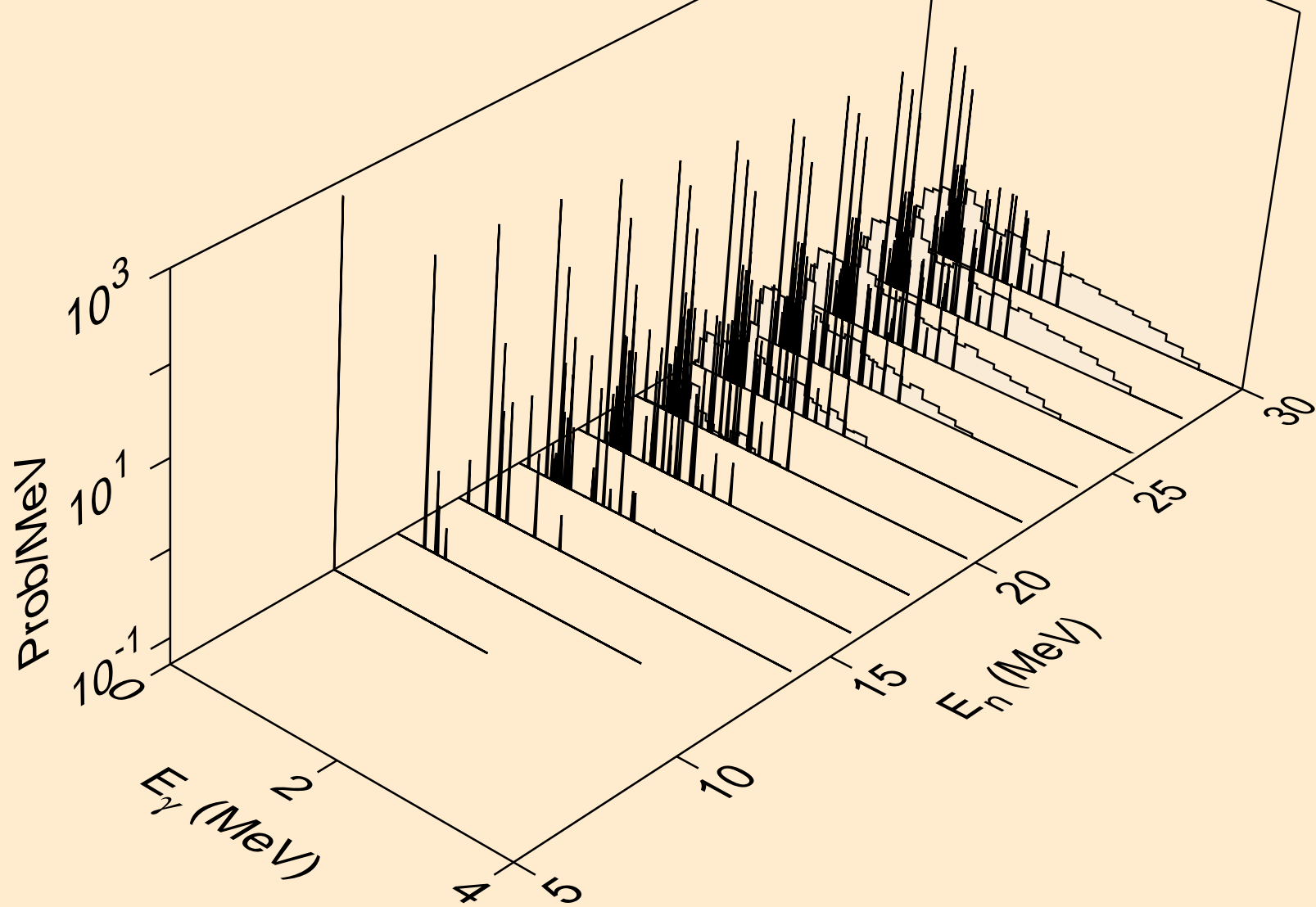
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



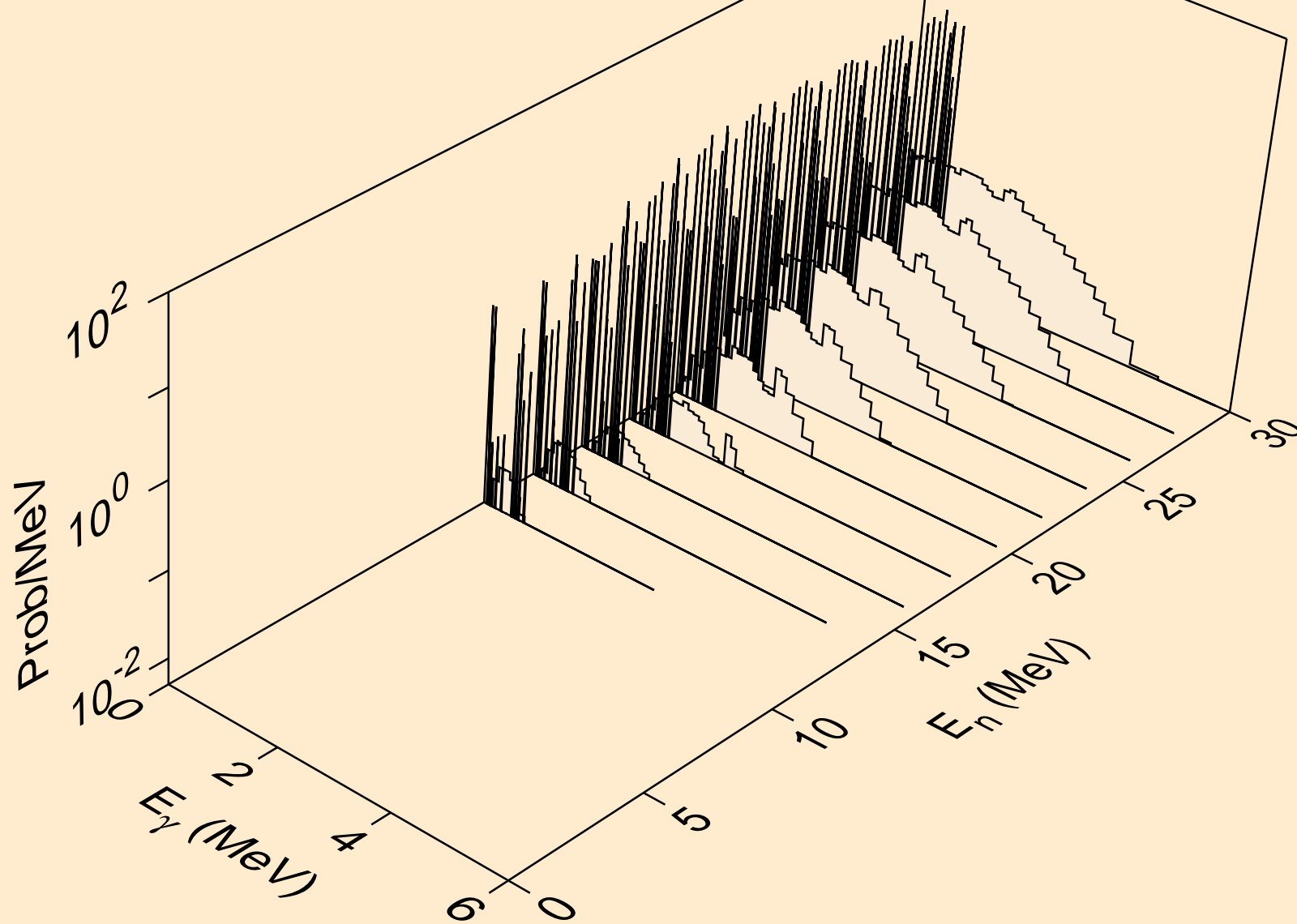
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



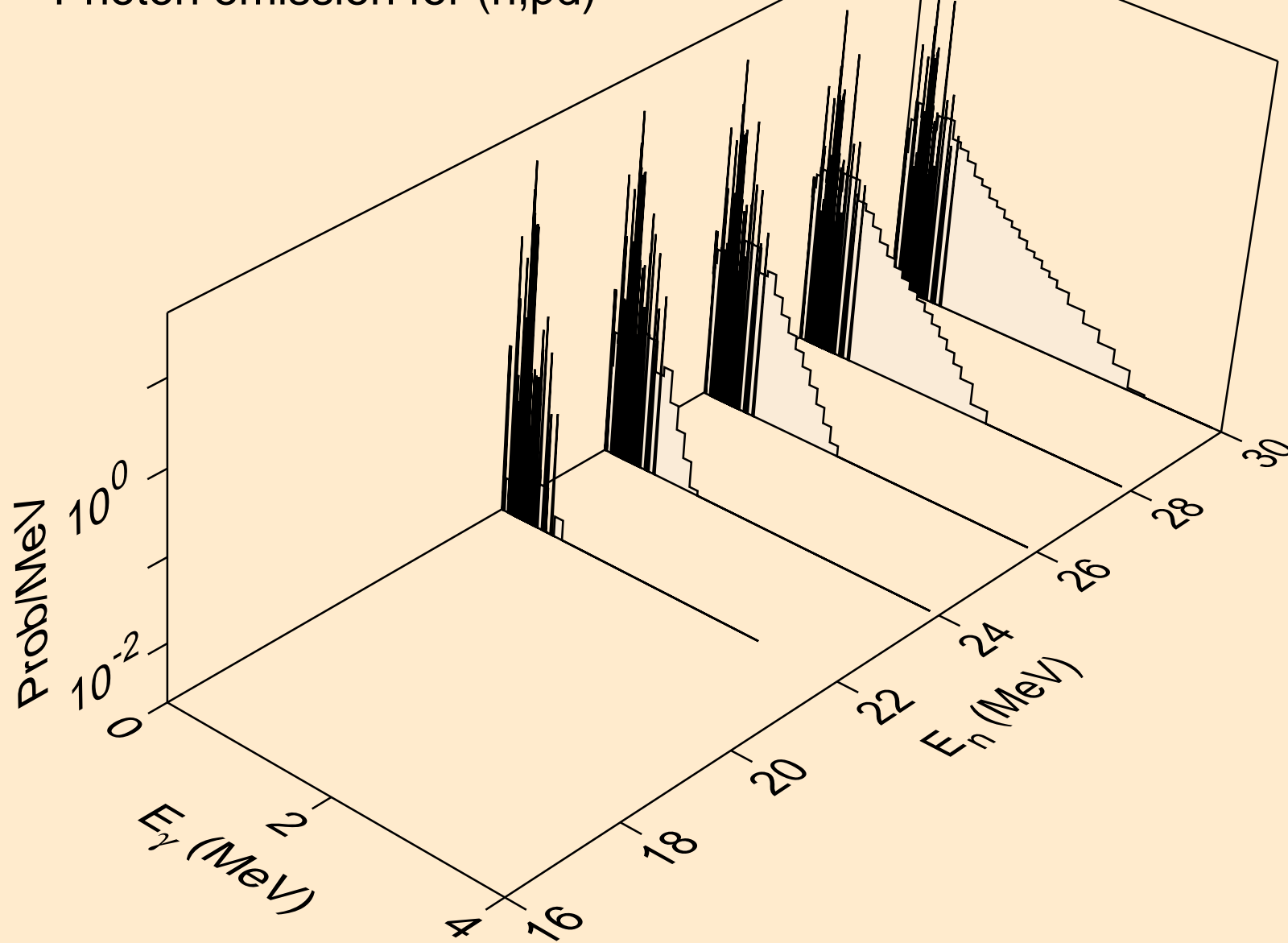
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

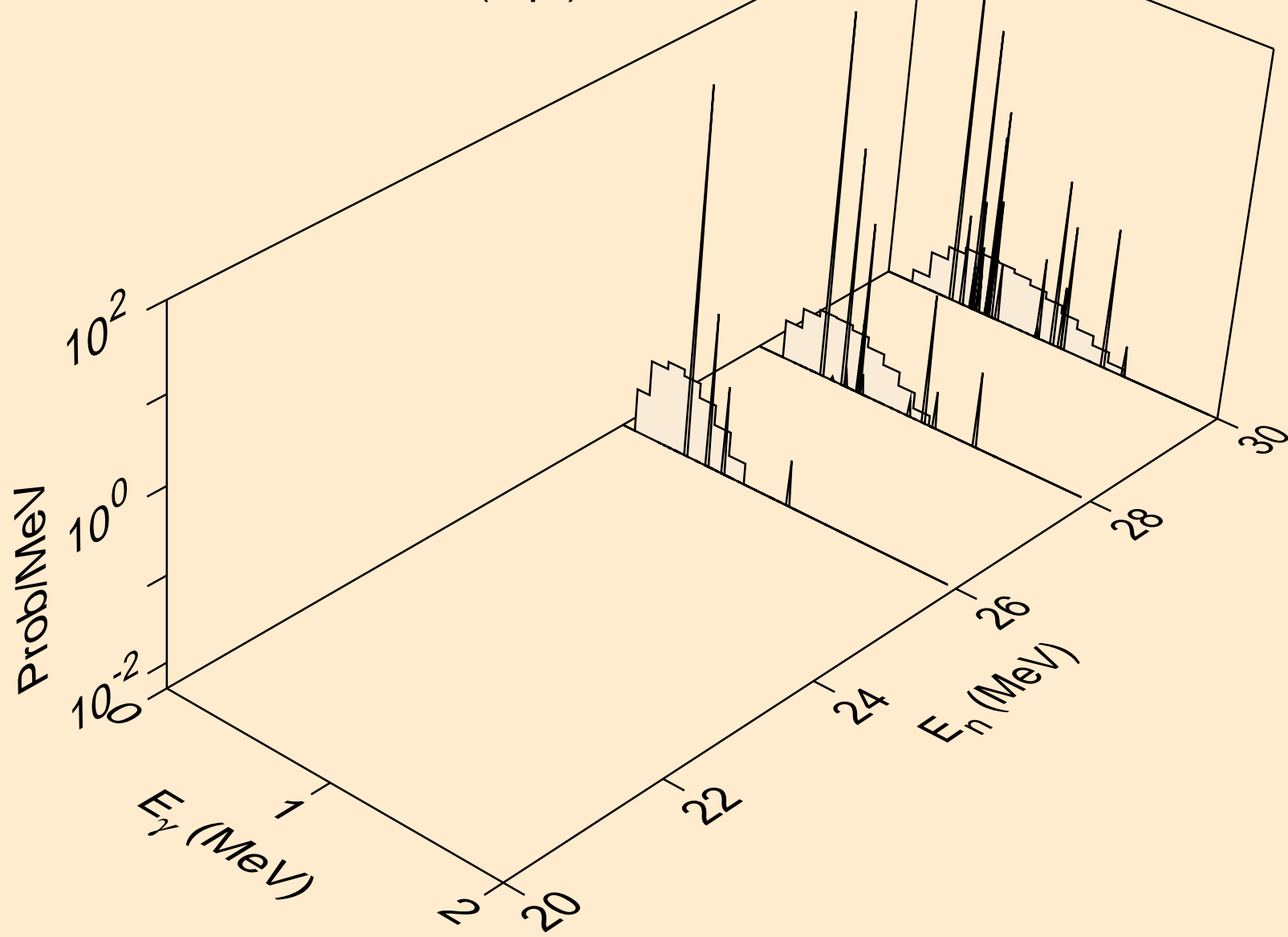


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



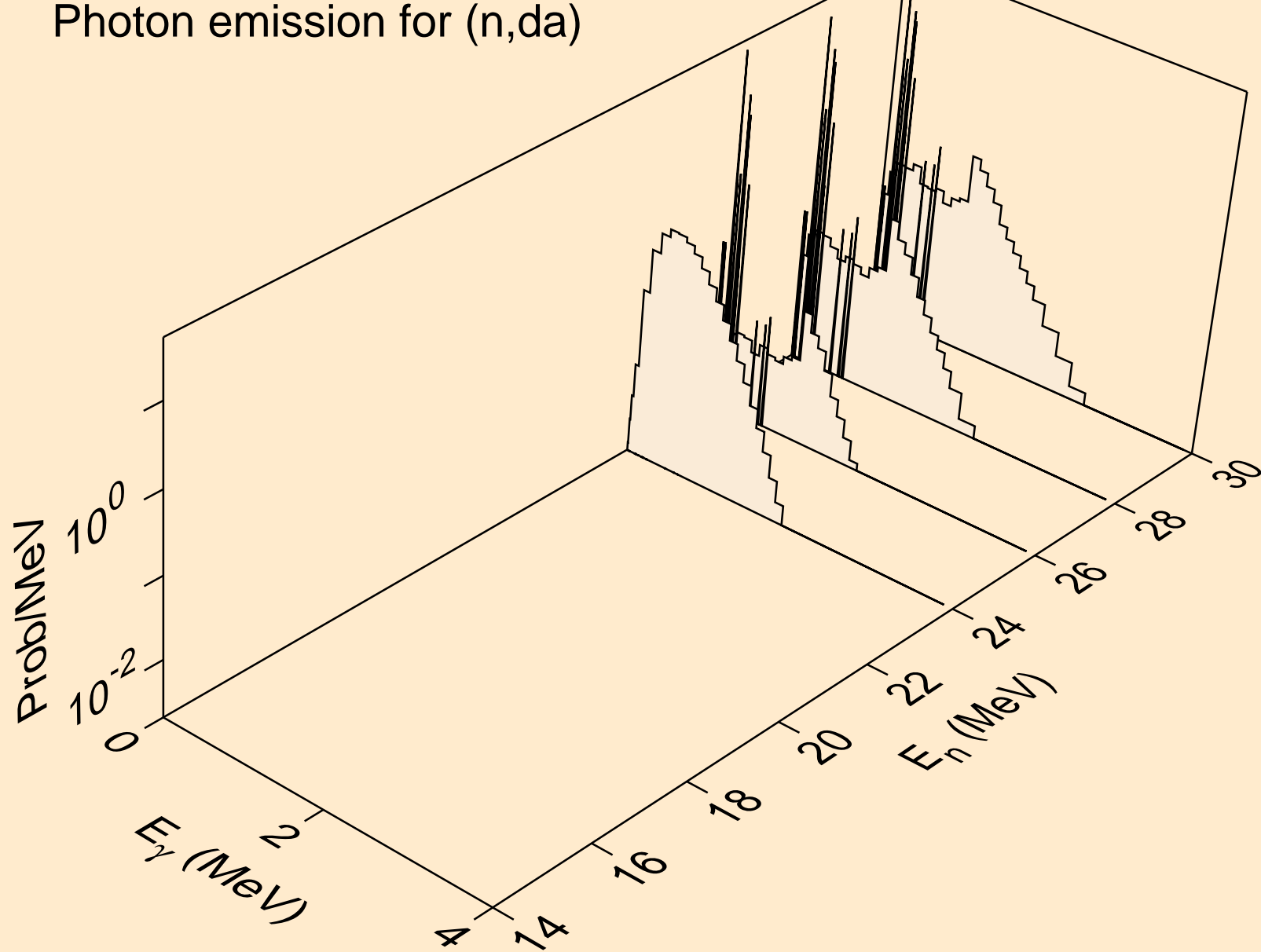
# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)



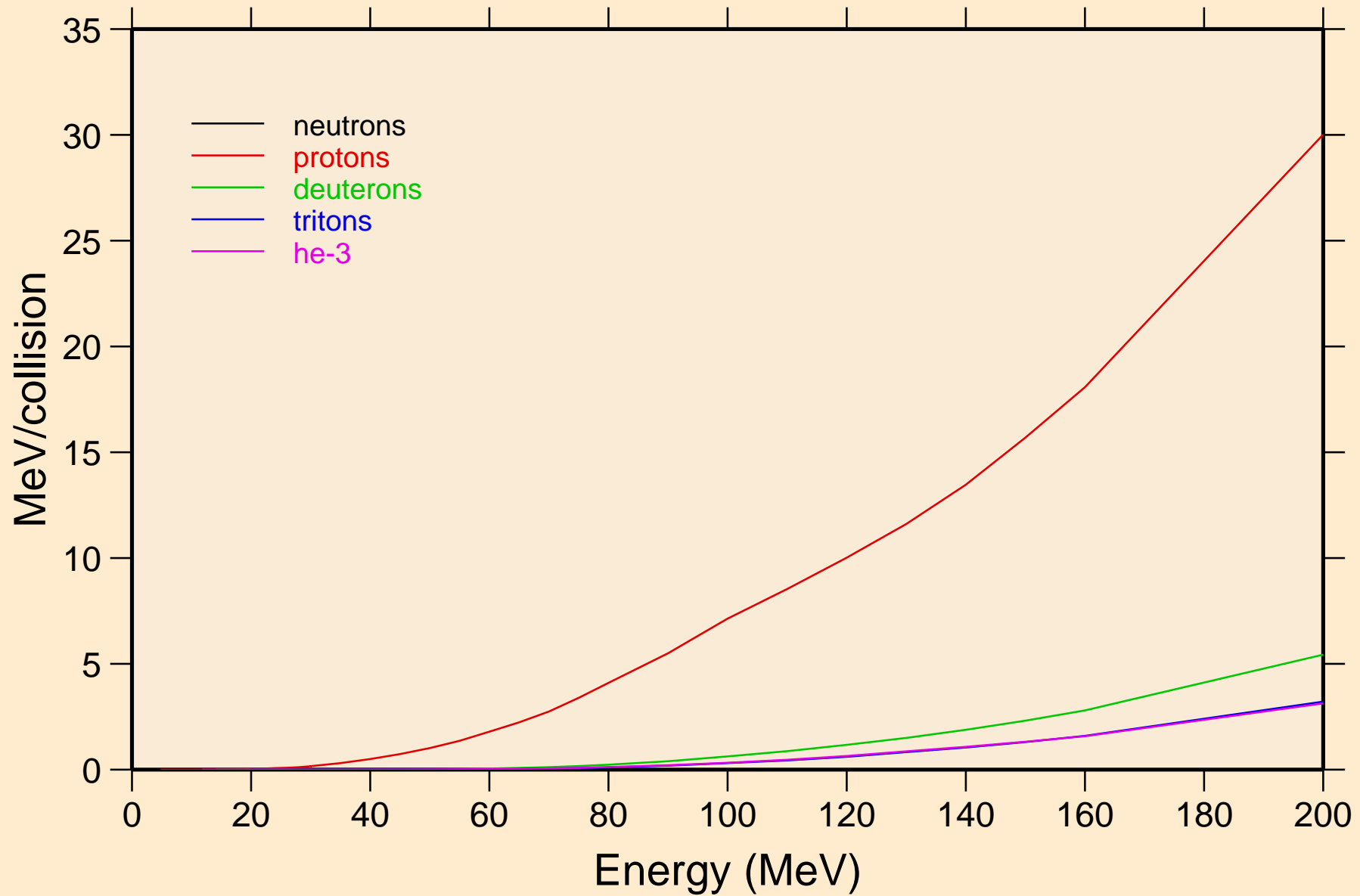


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

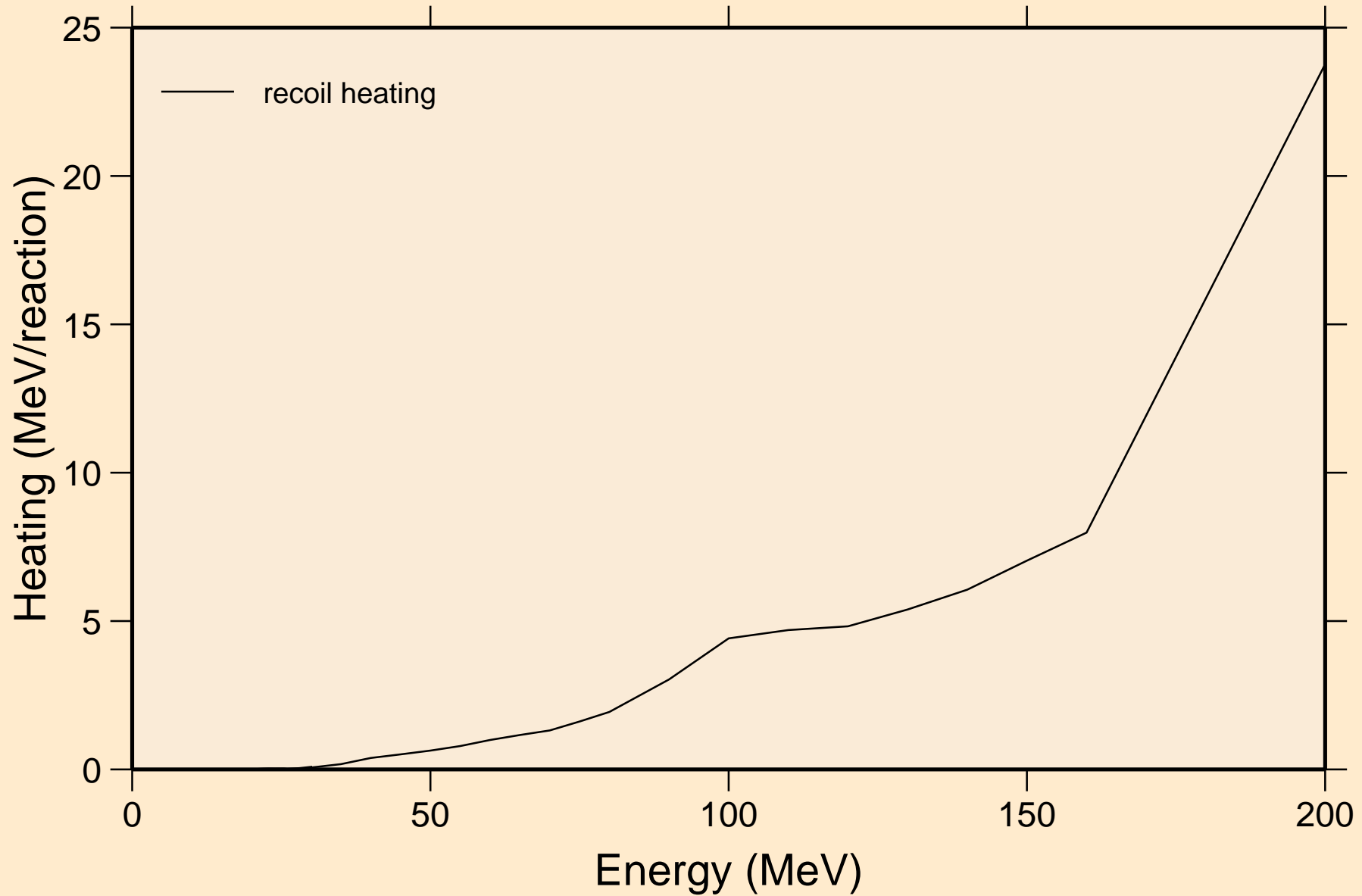


# XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

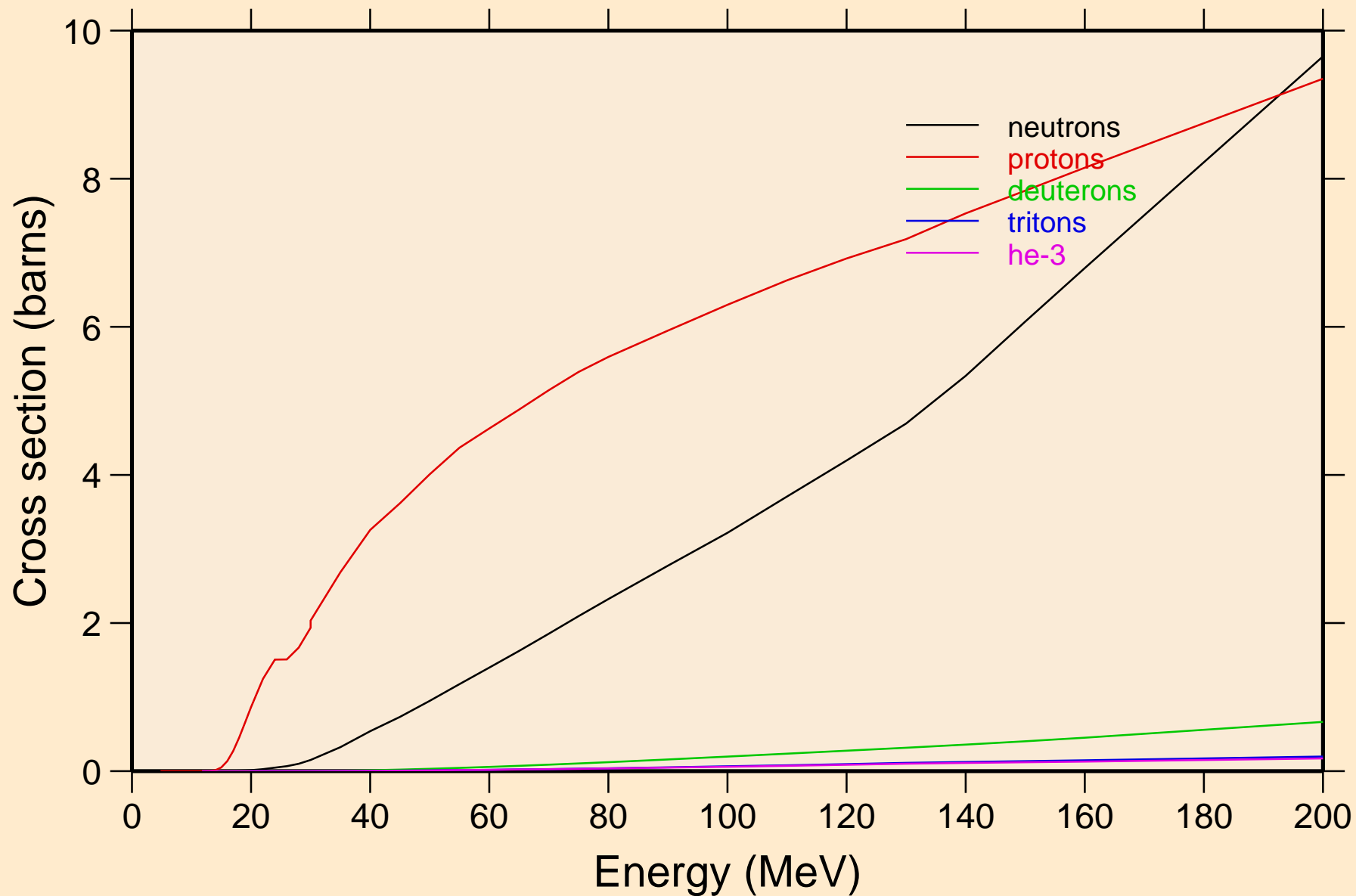
## Particle heating contributions



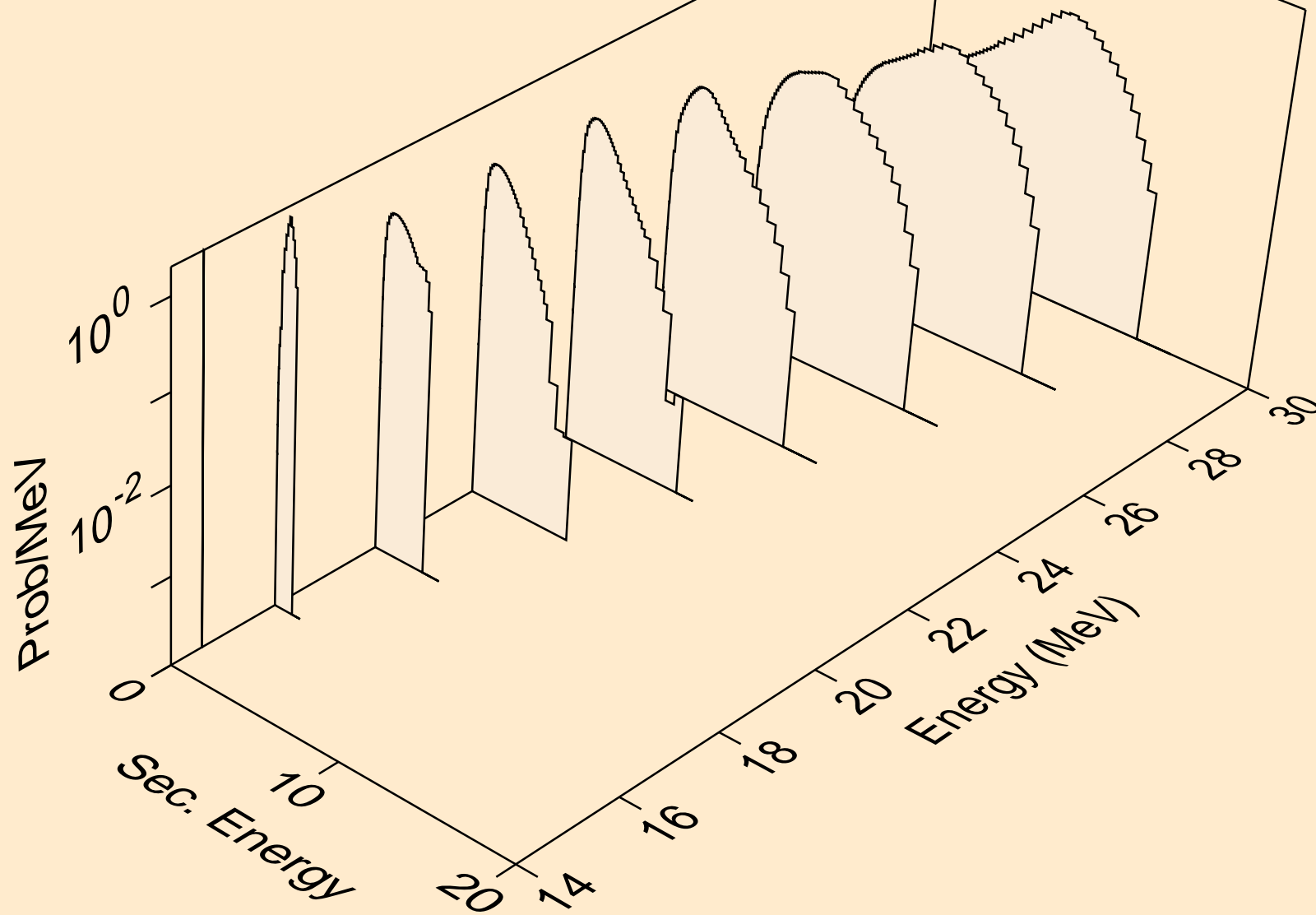
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Recoil Heating



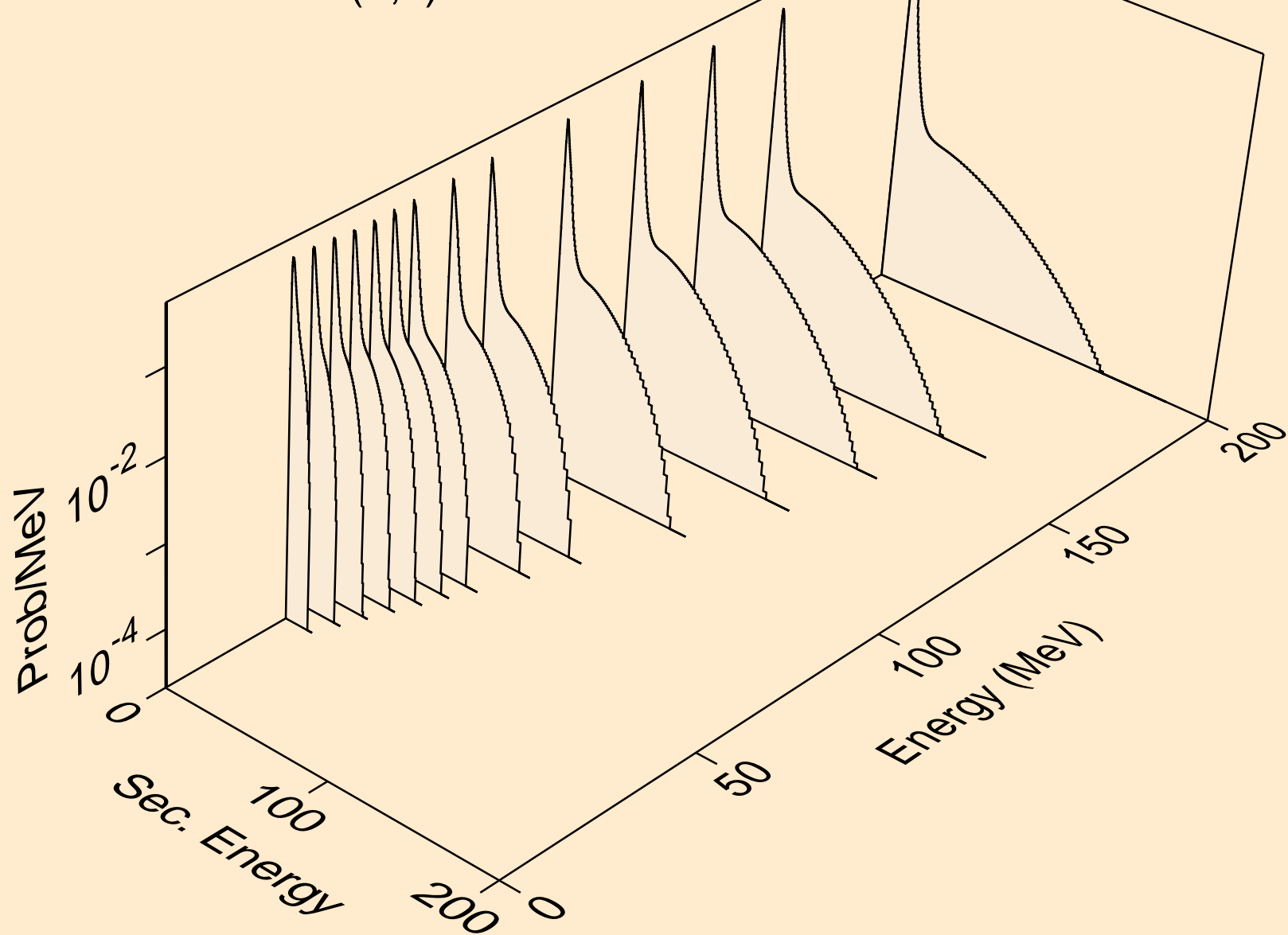
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



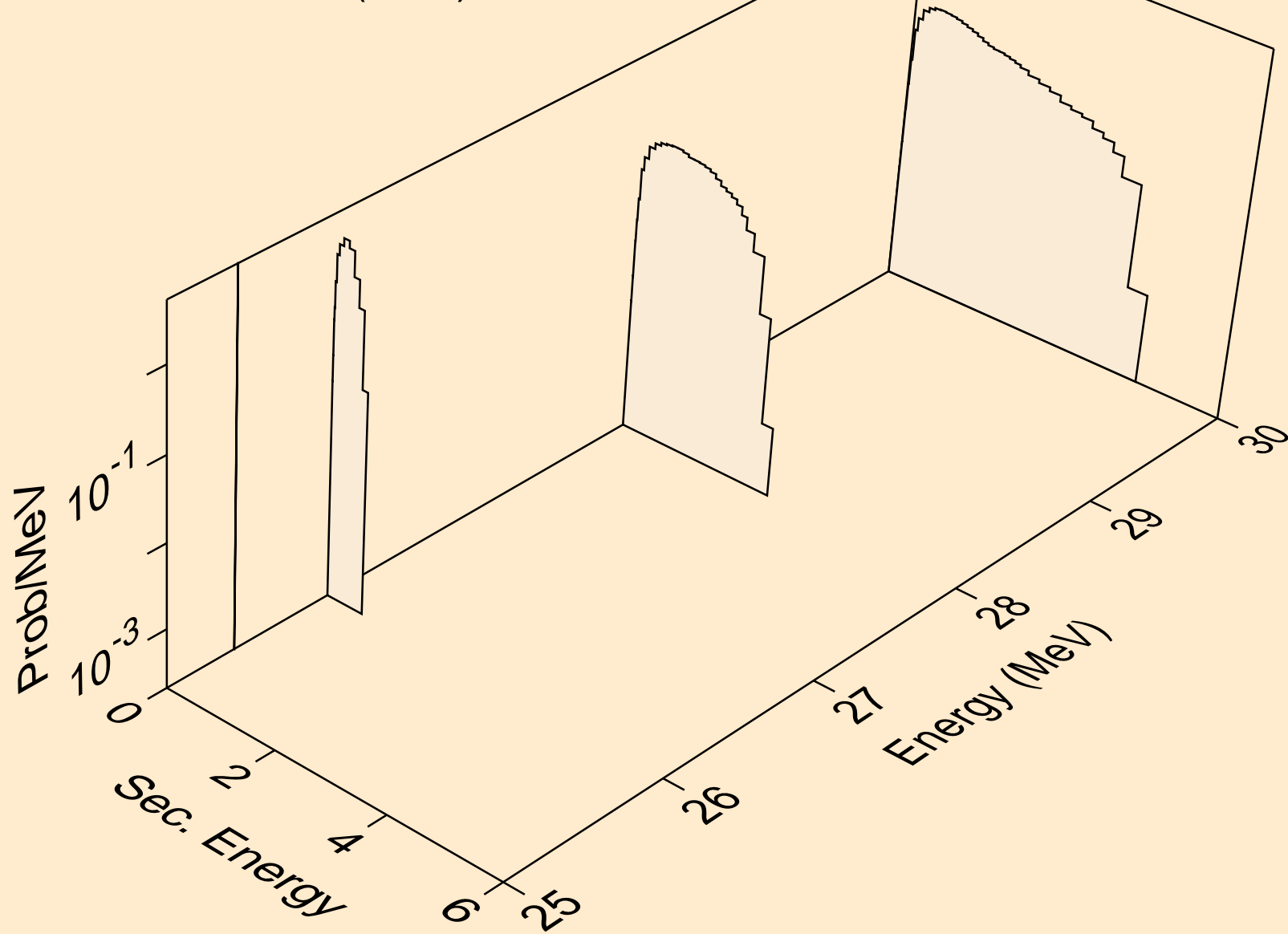
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



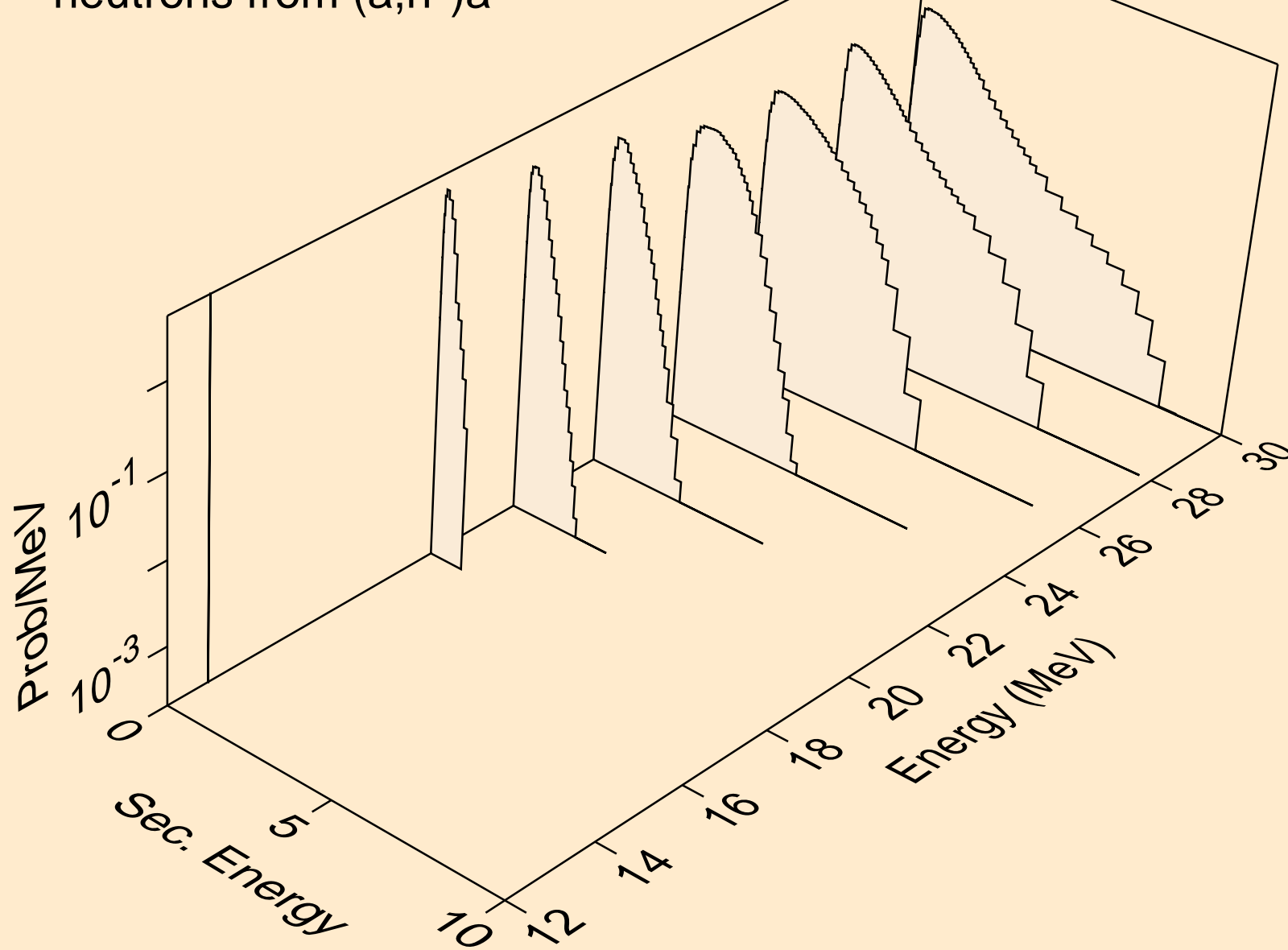
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

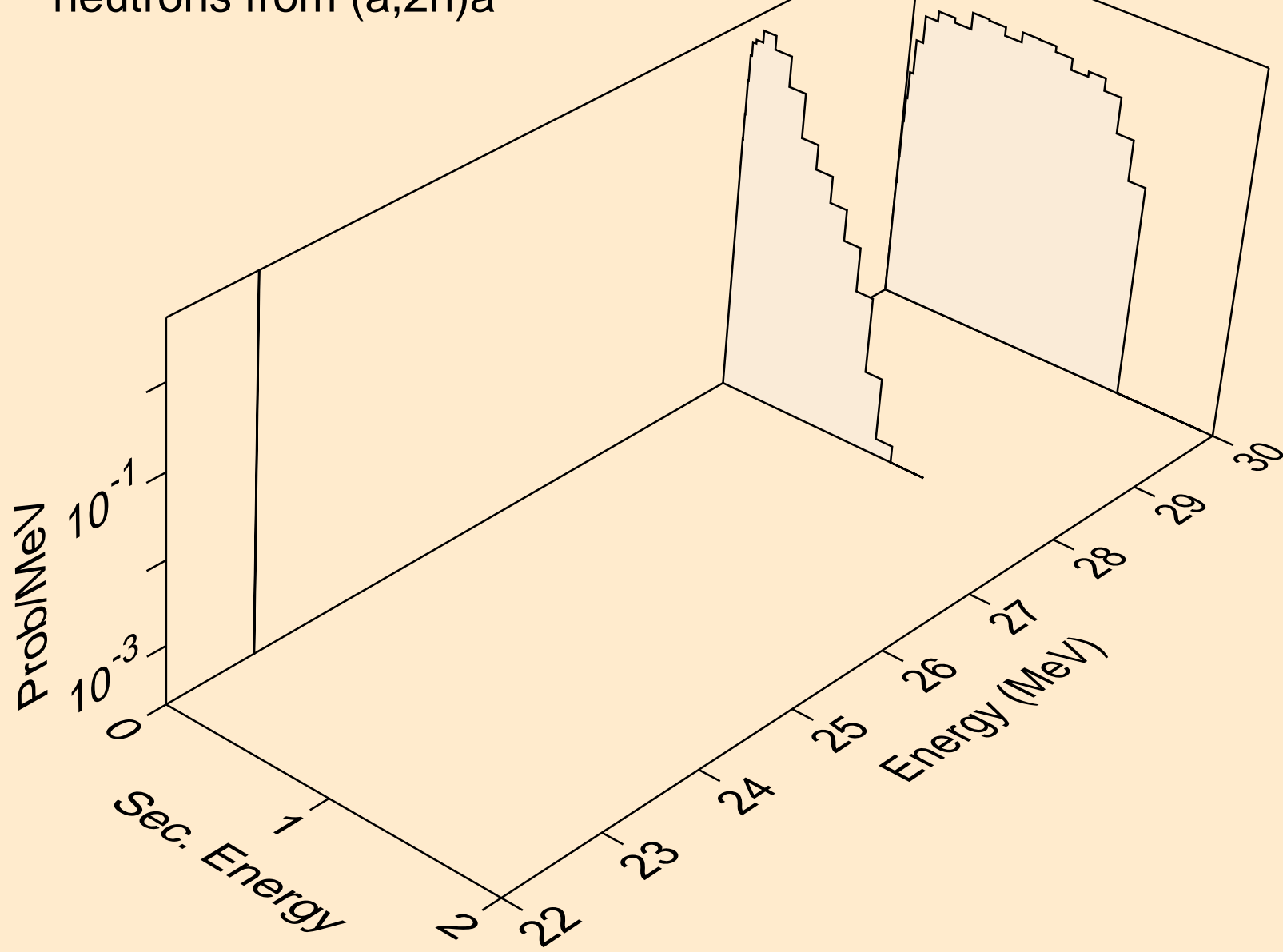


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

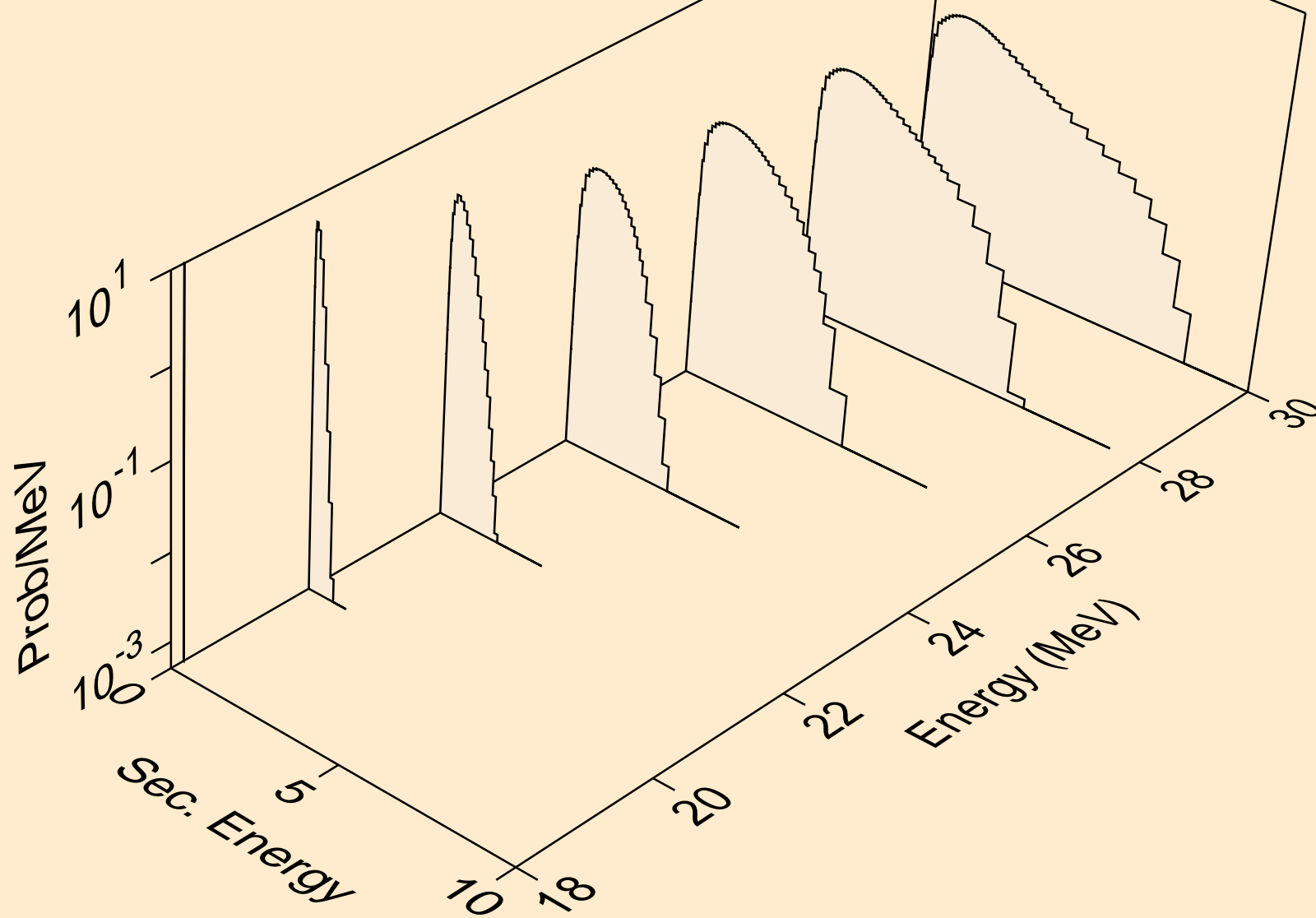




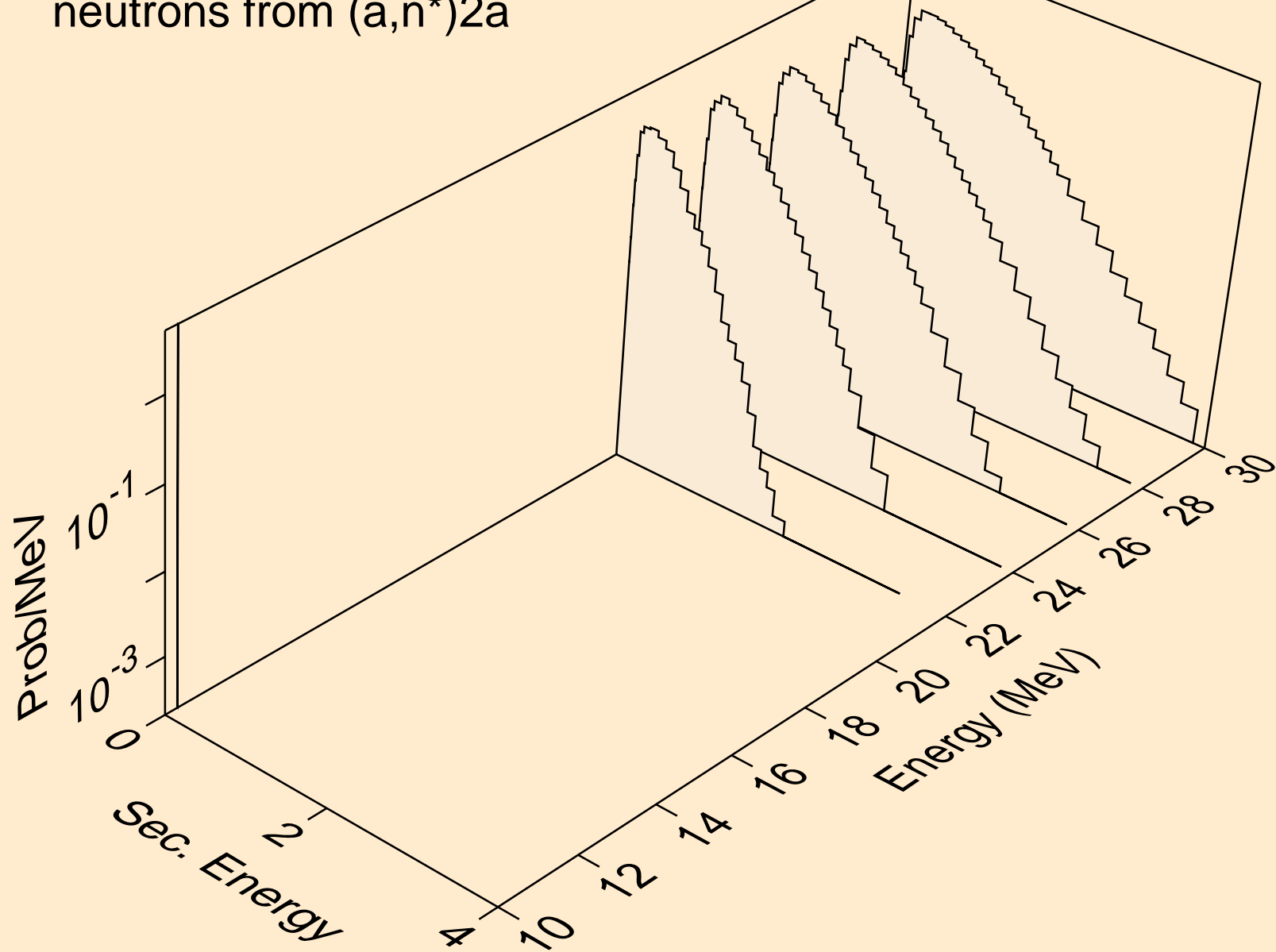
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



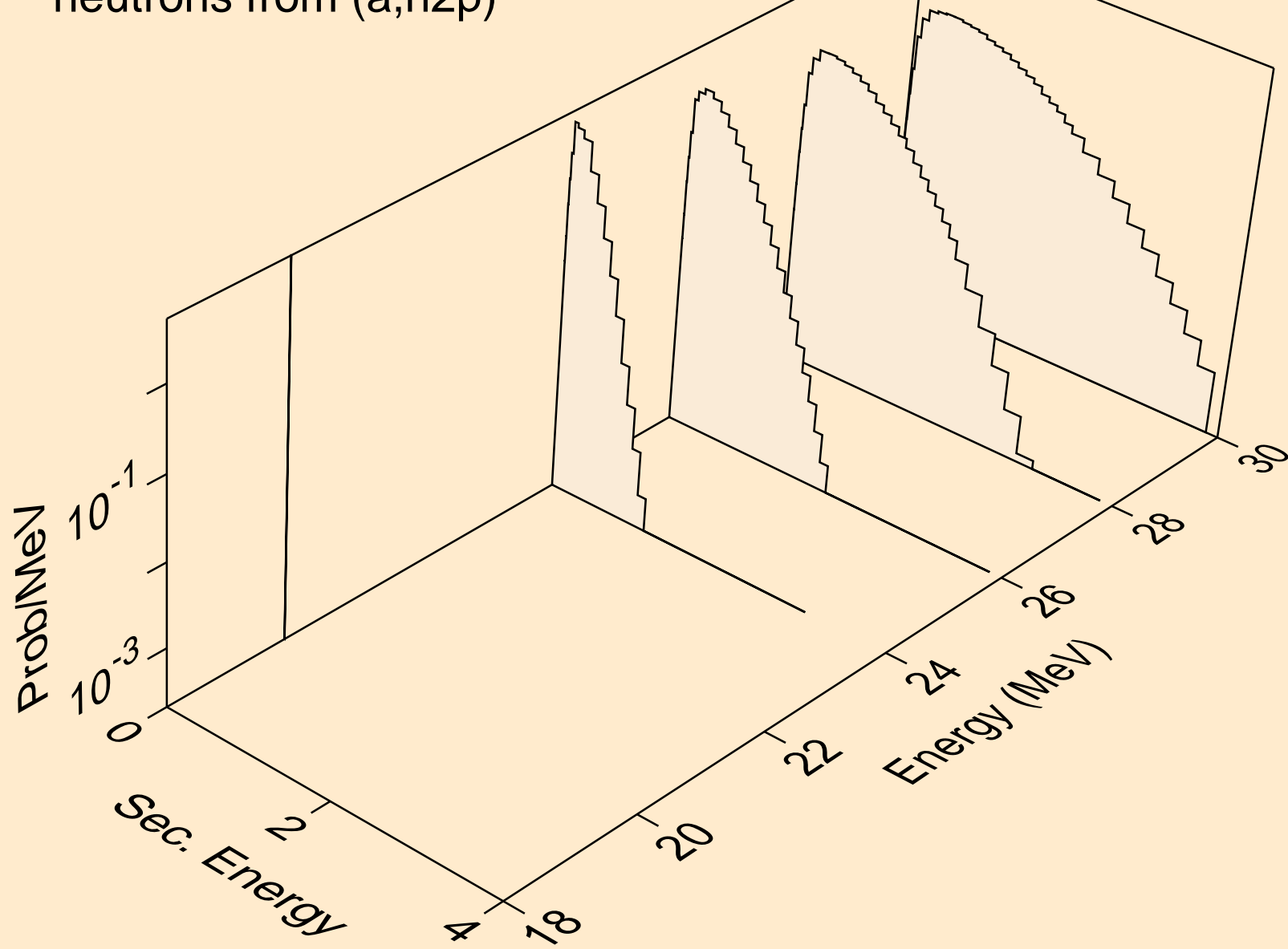
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



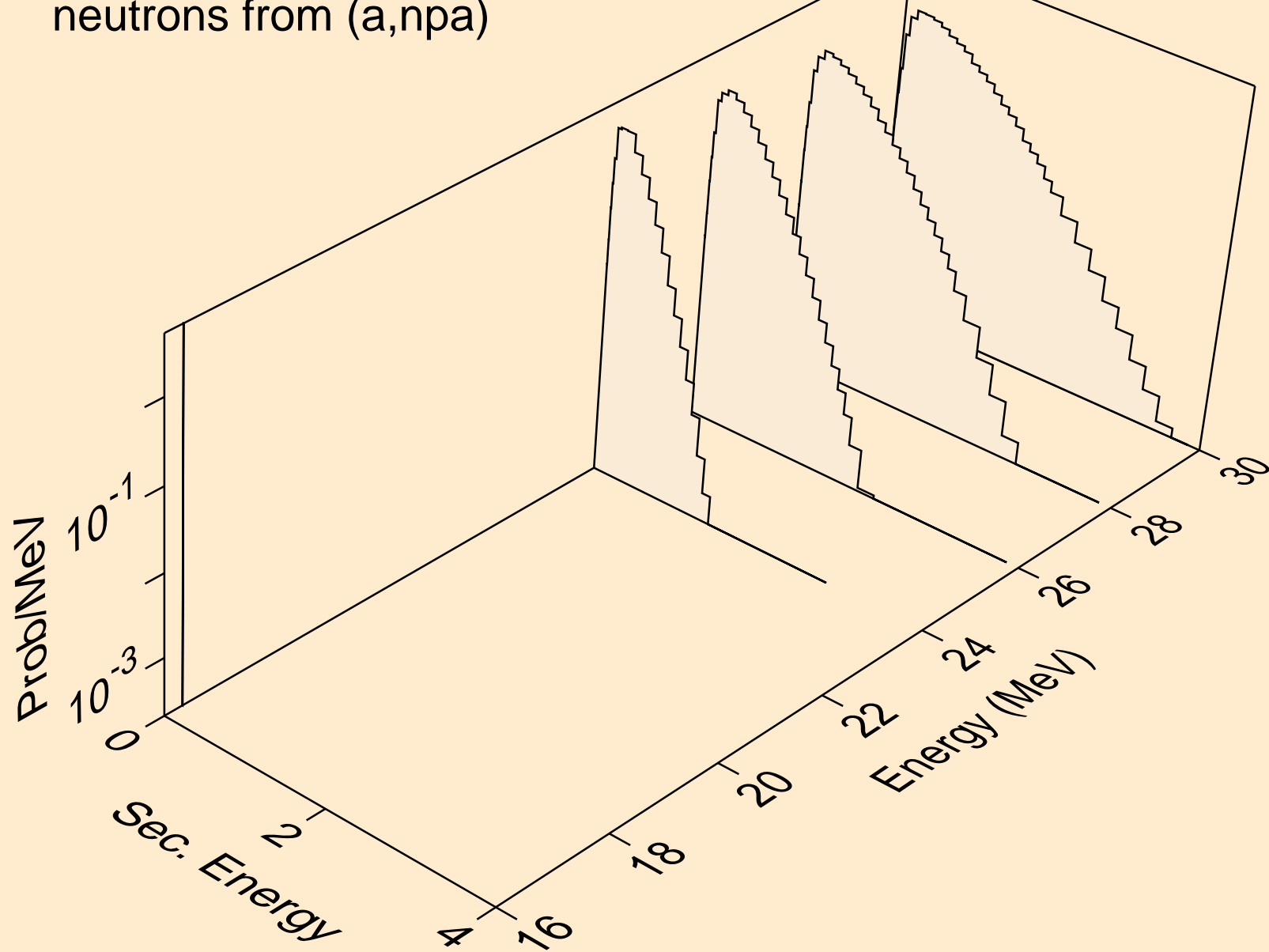
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



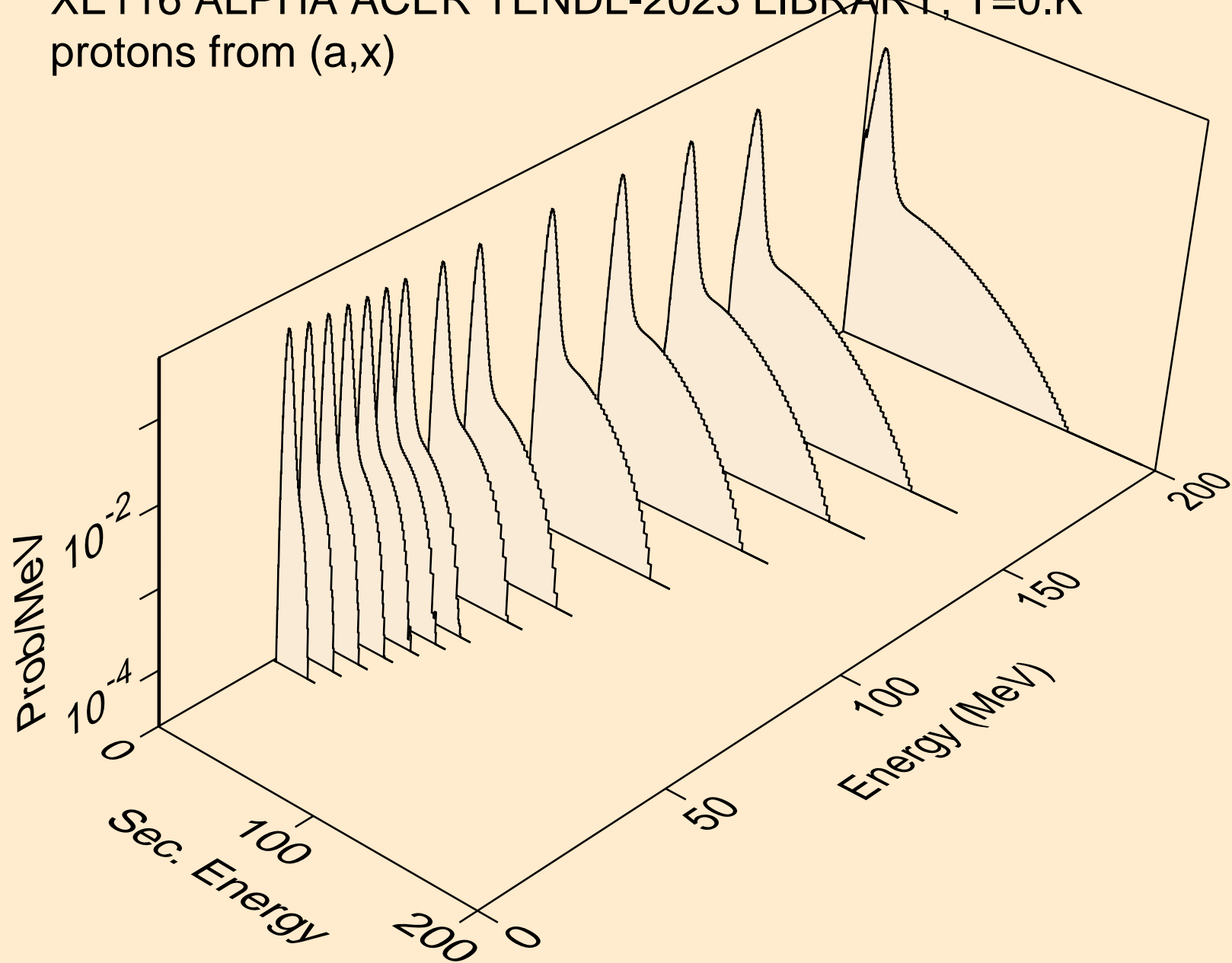
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



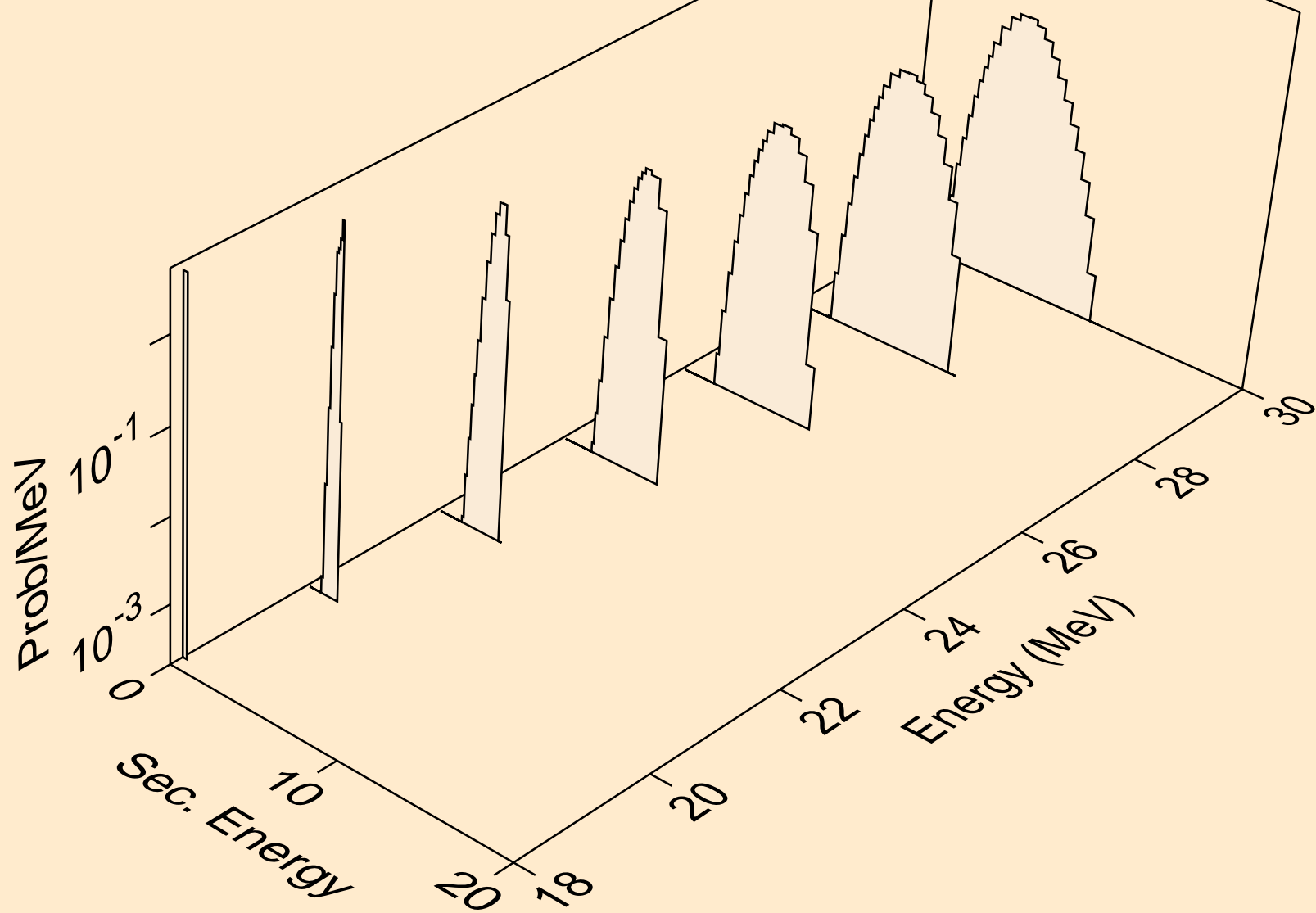
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



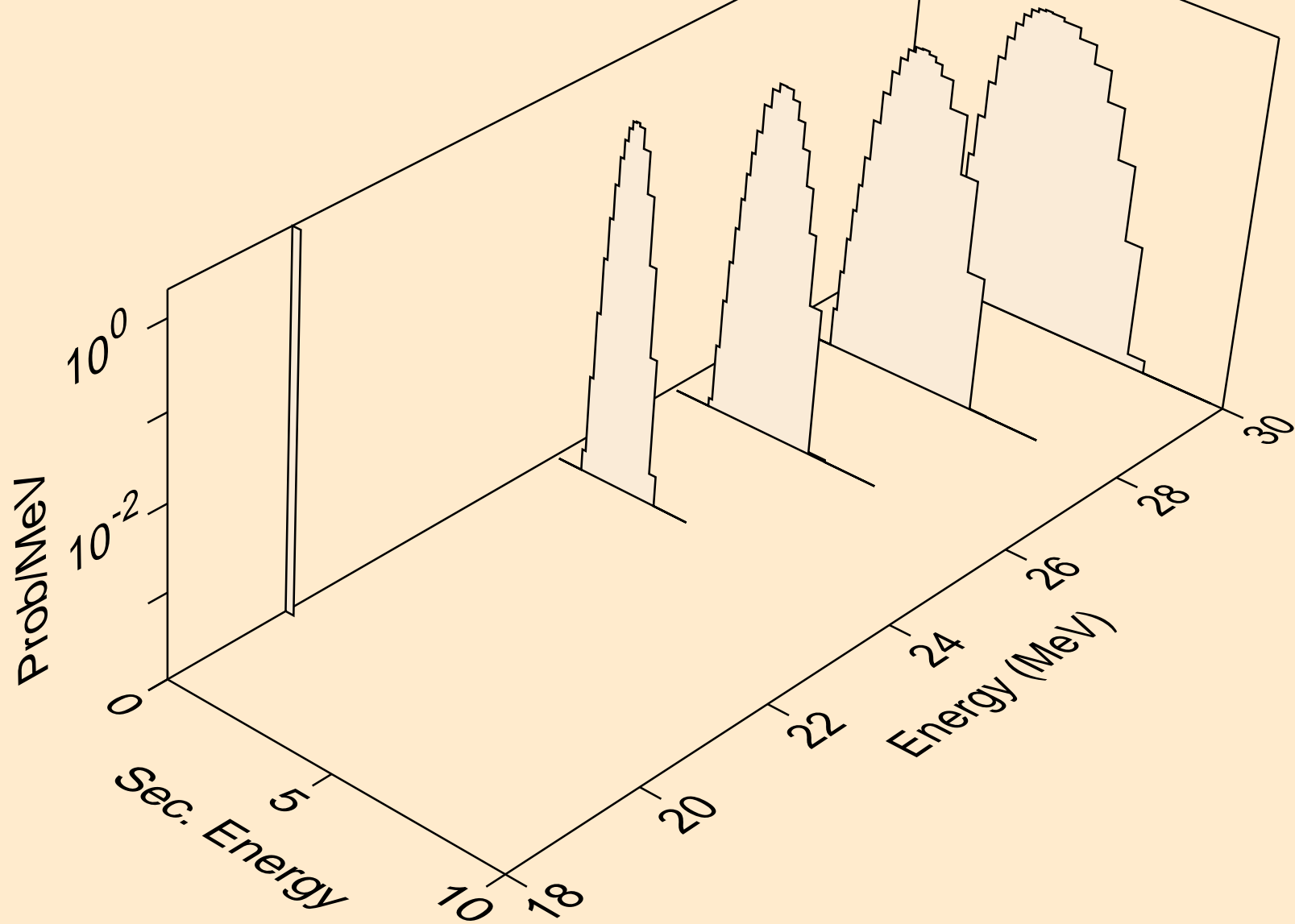
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

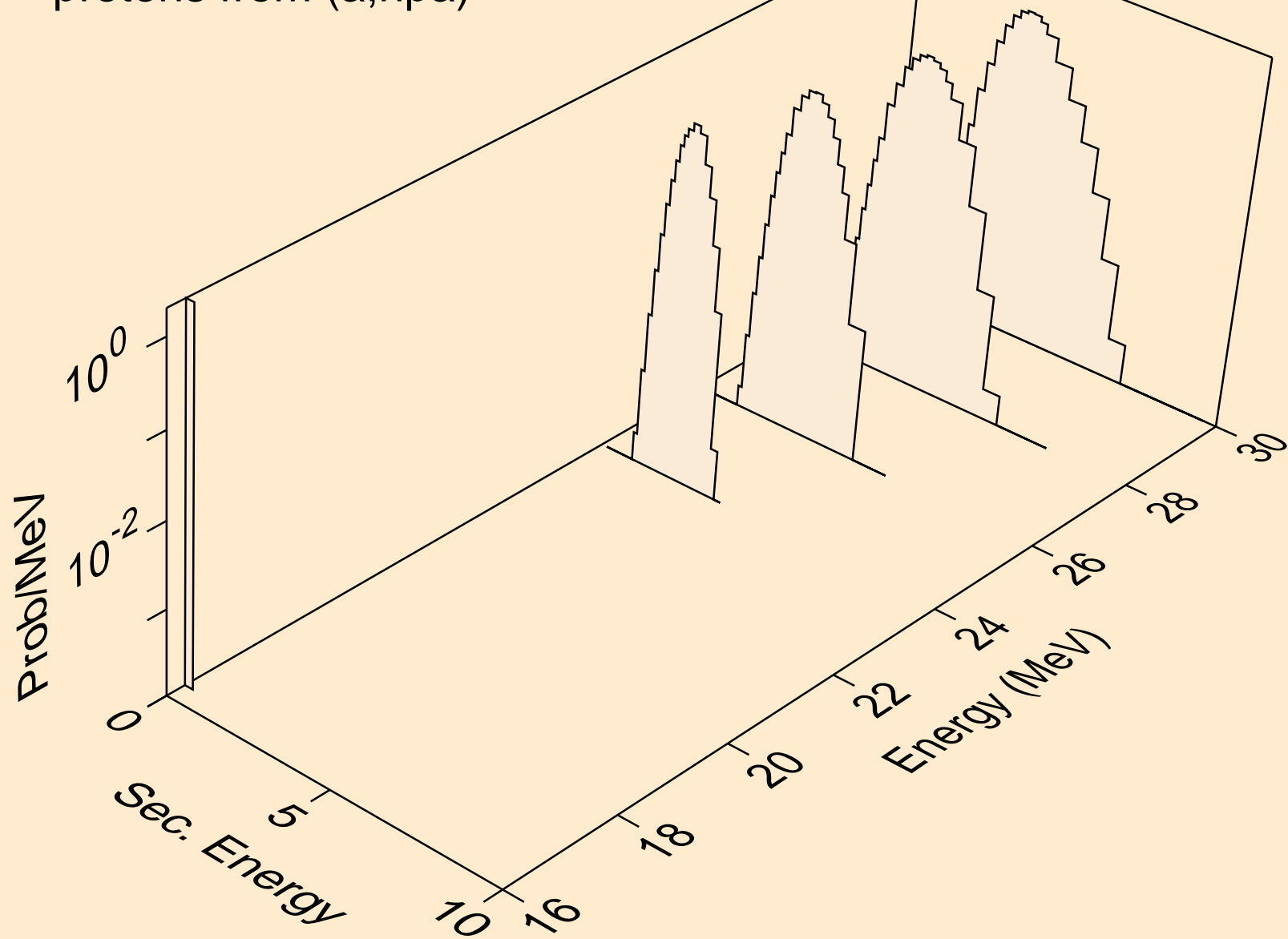


XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)

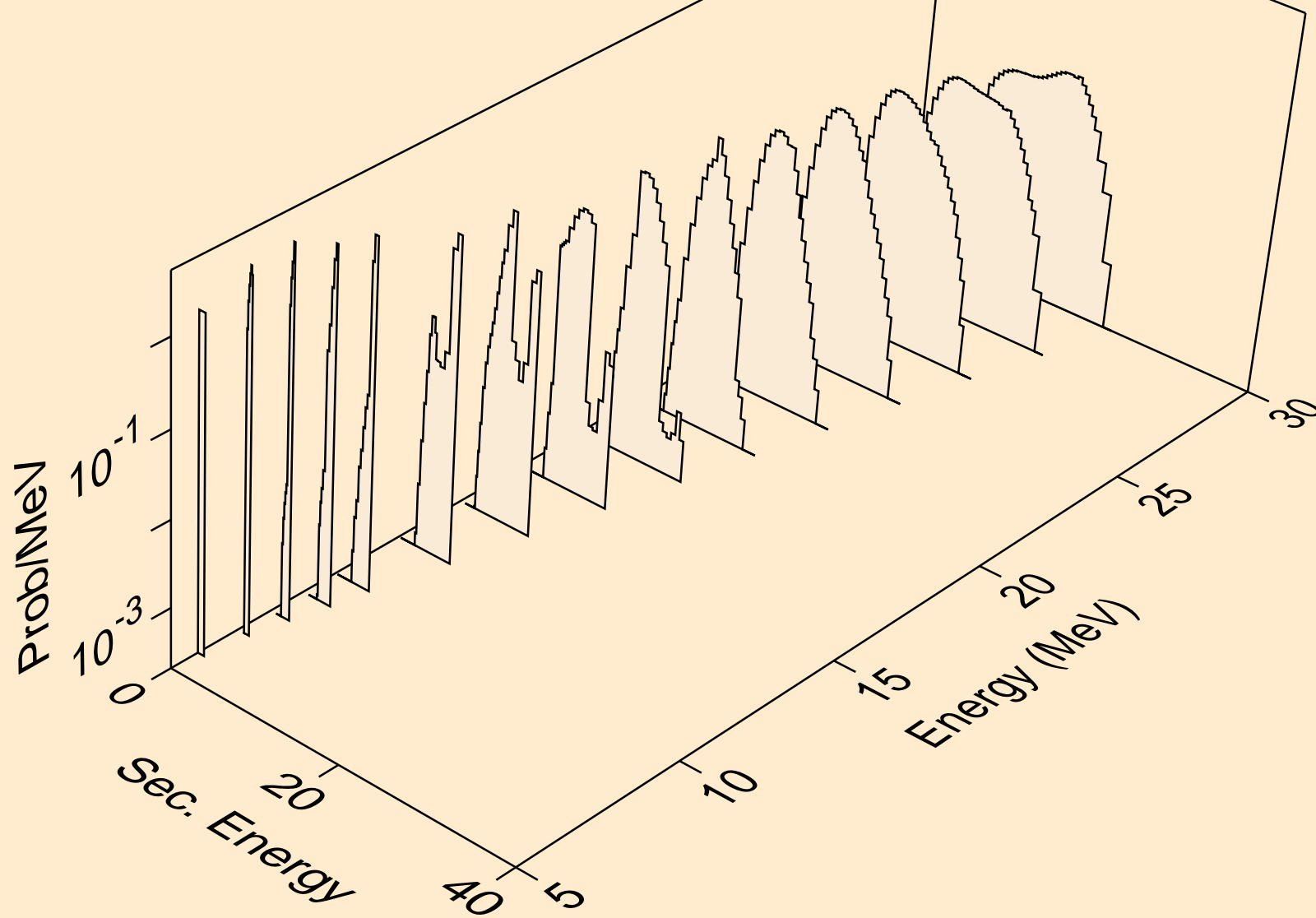




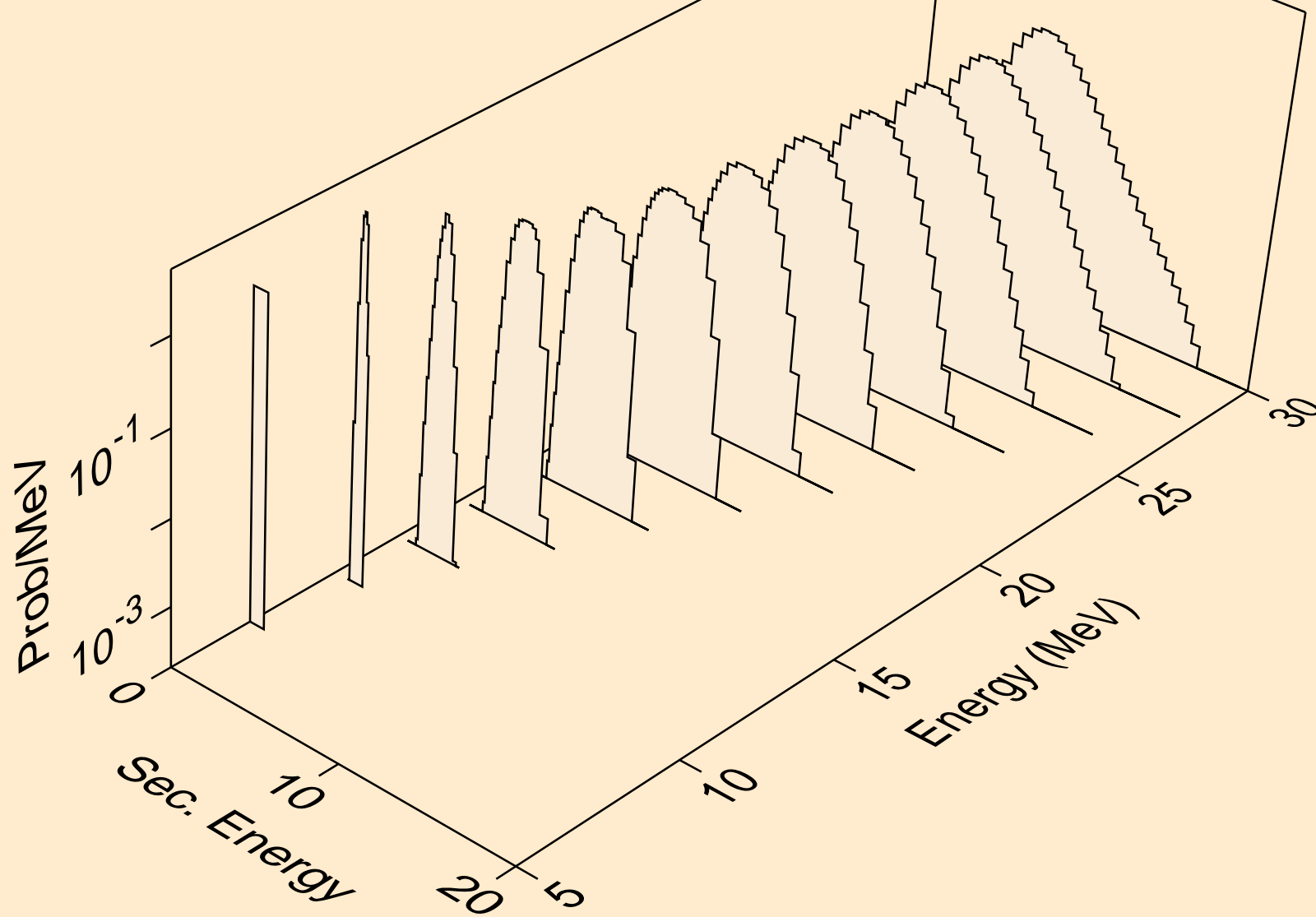
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



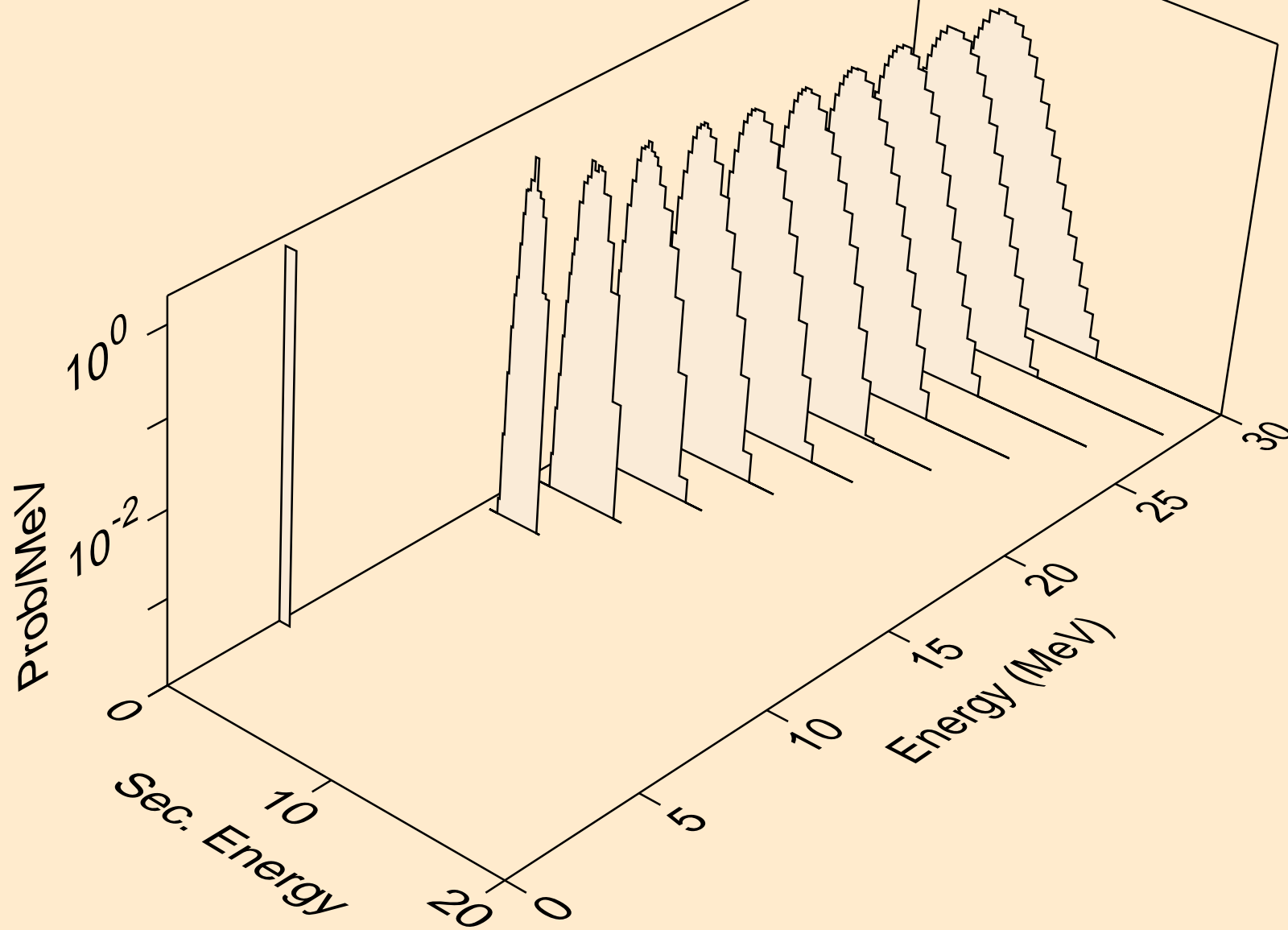
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



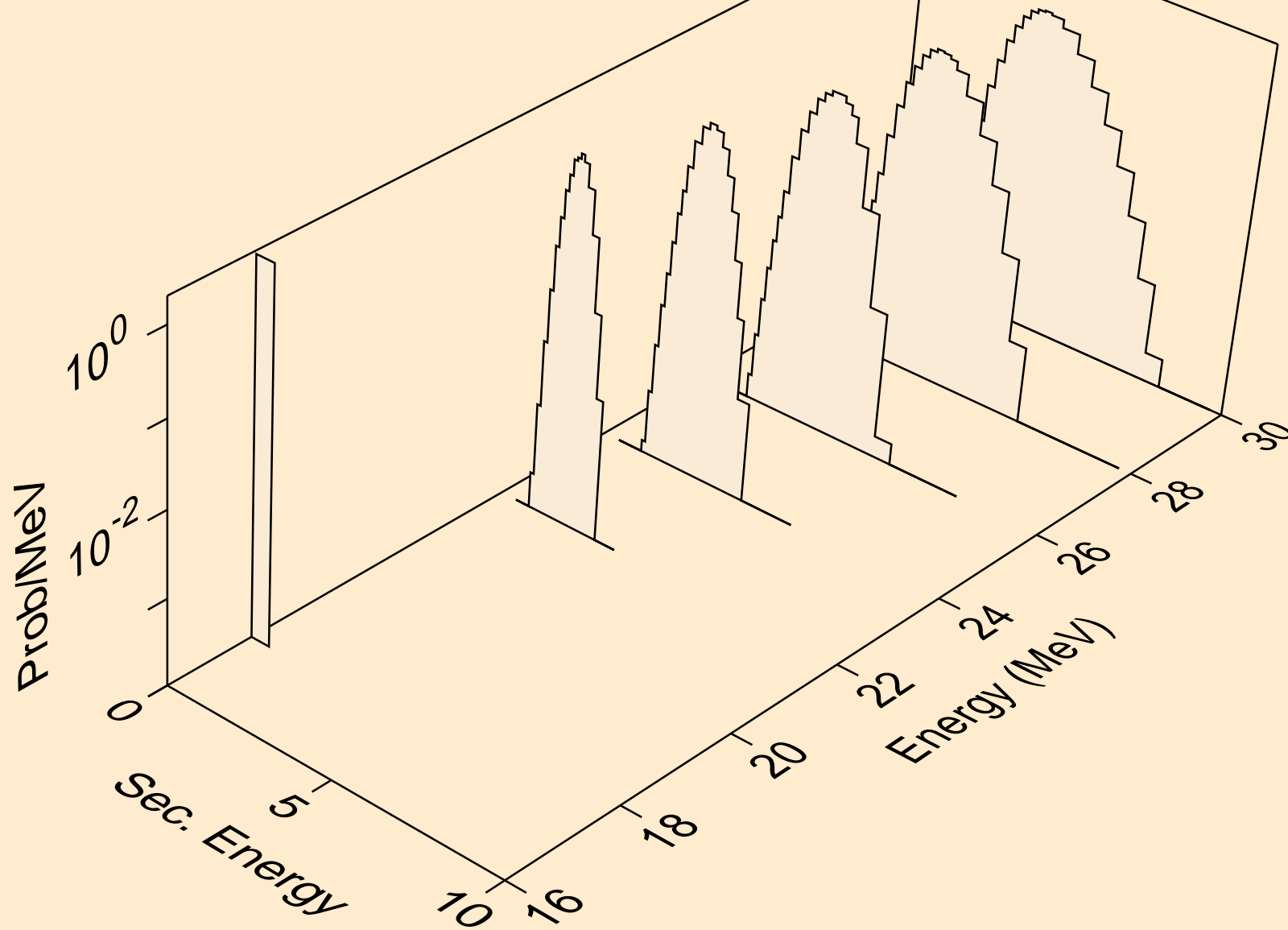
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



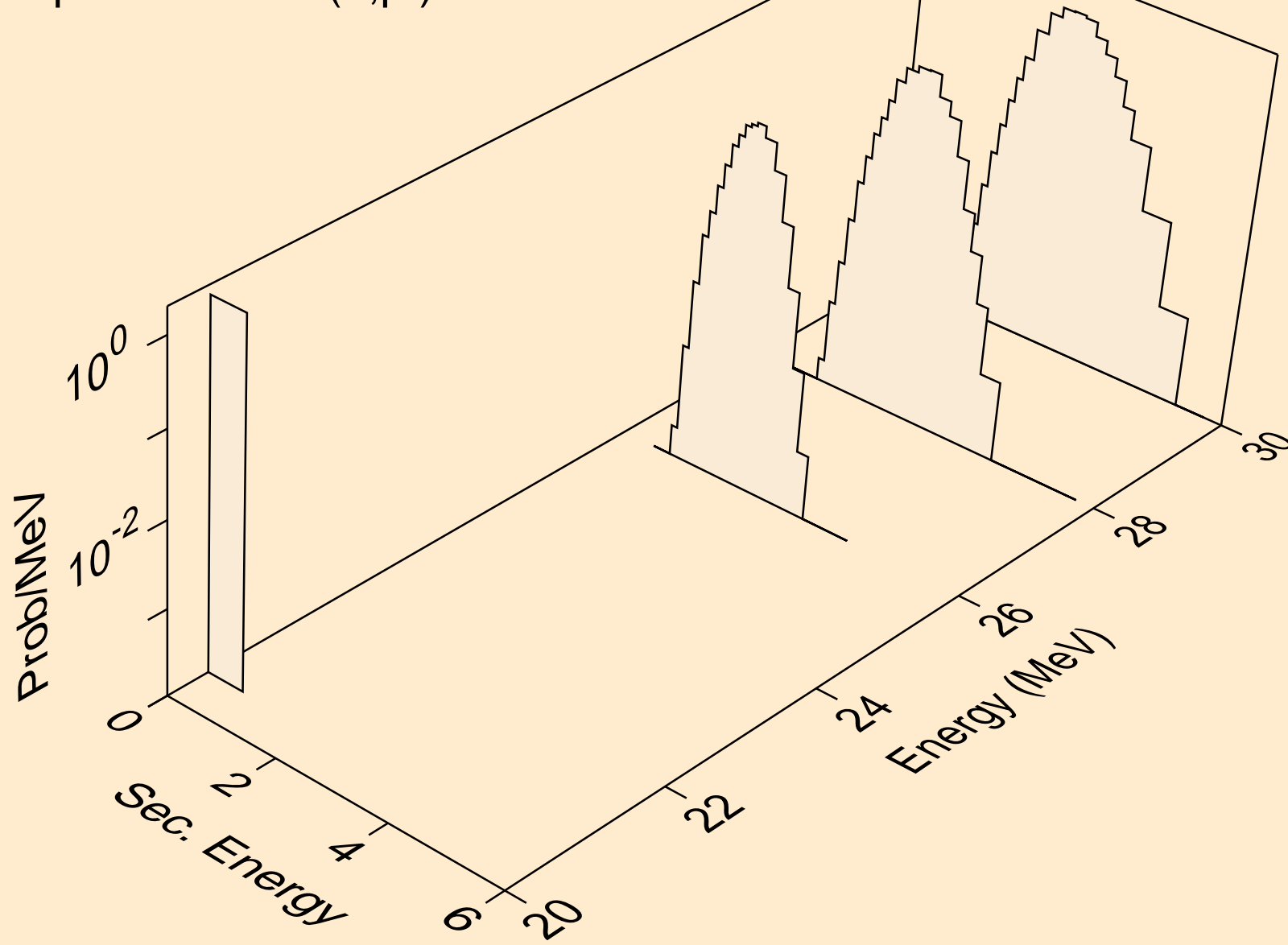
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protons from (a,pa)



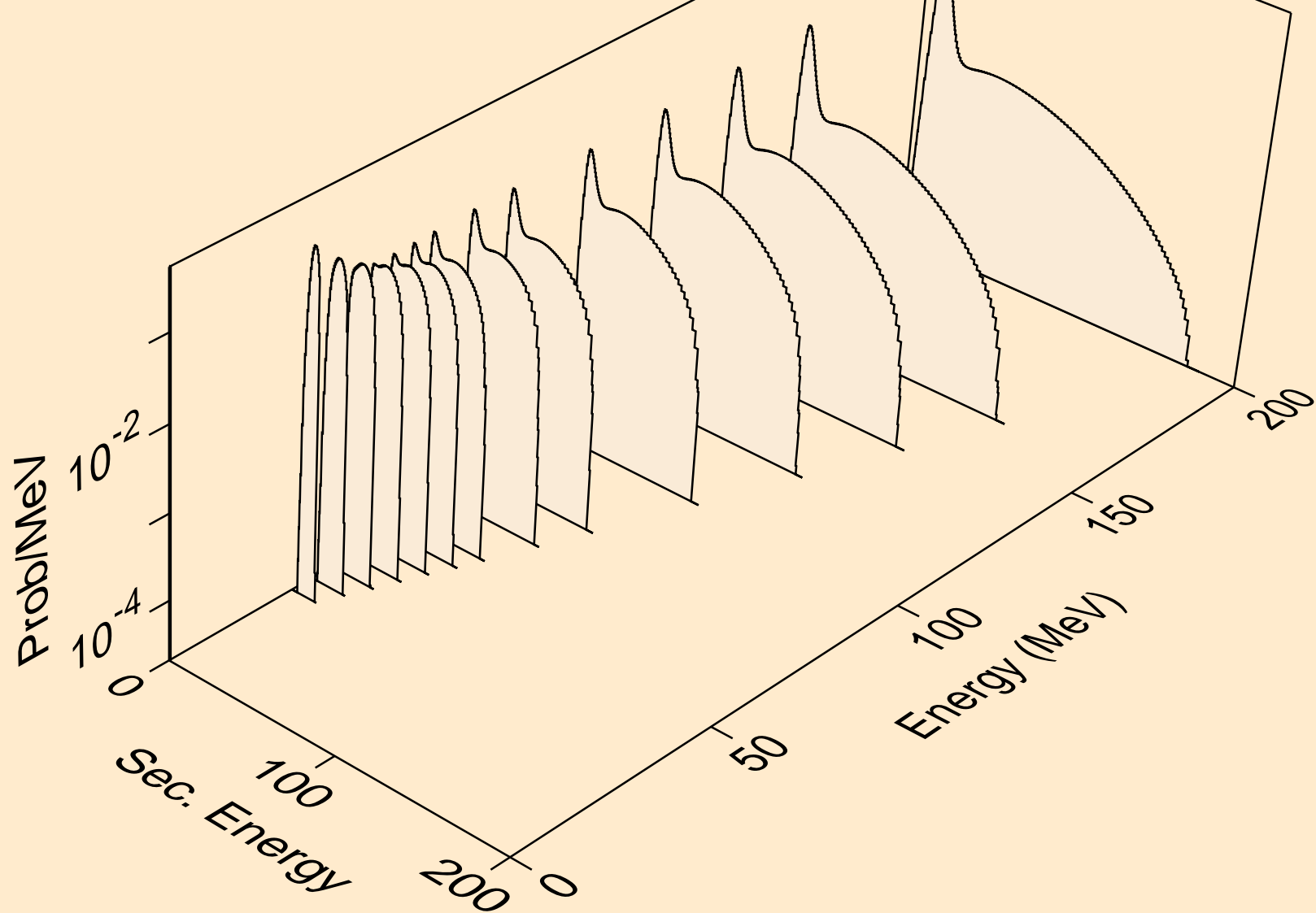
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protons from (a,pd)



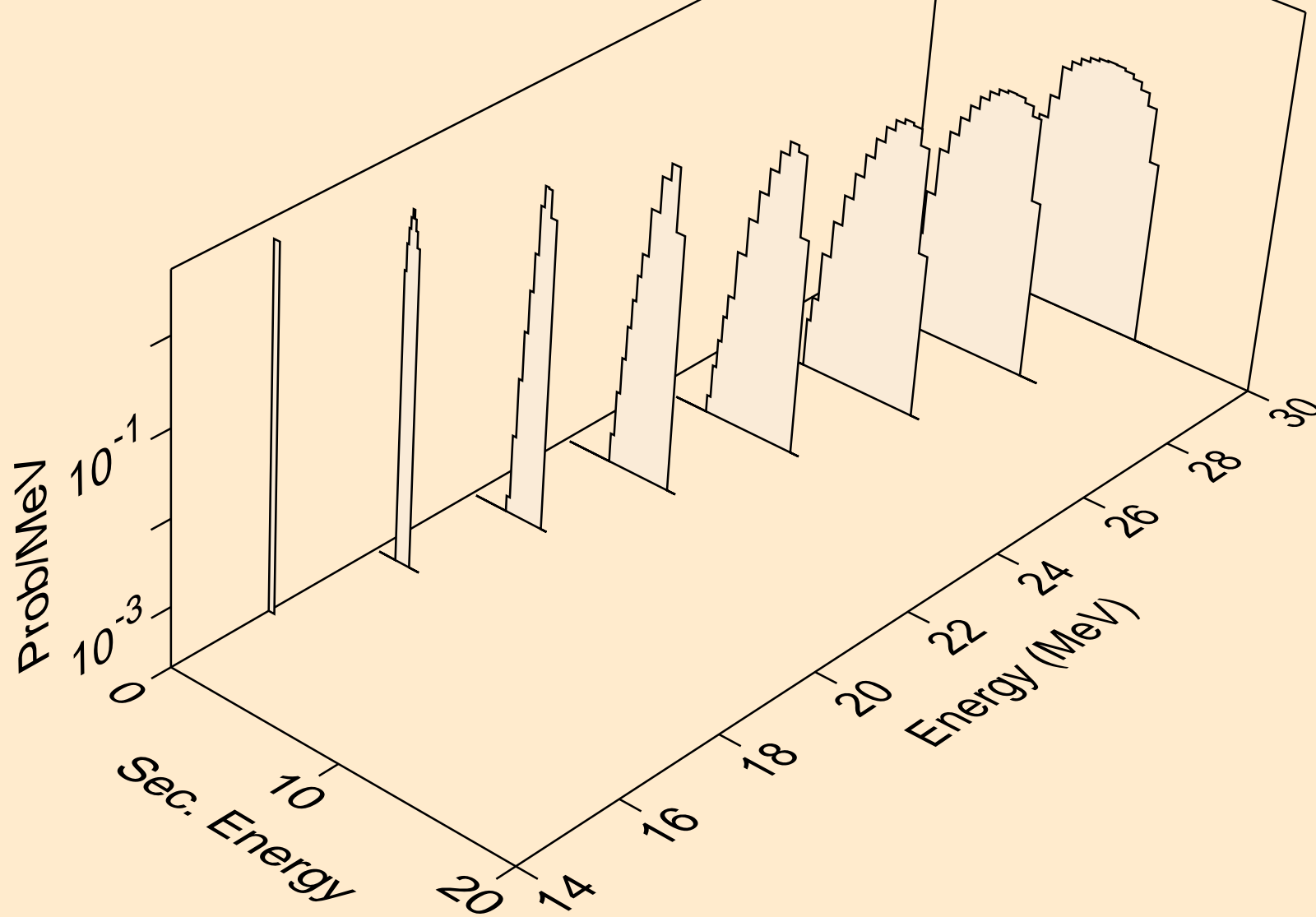
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

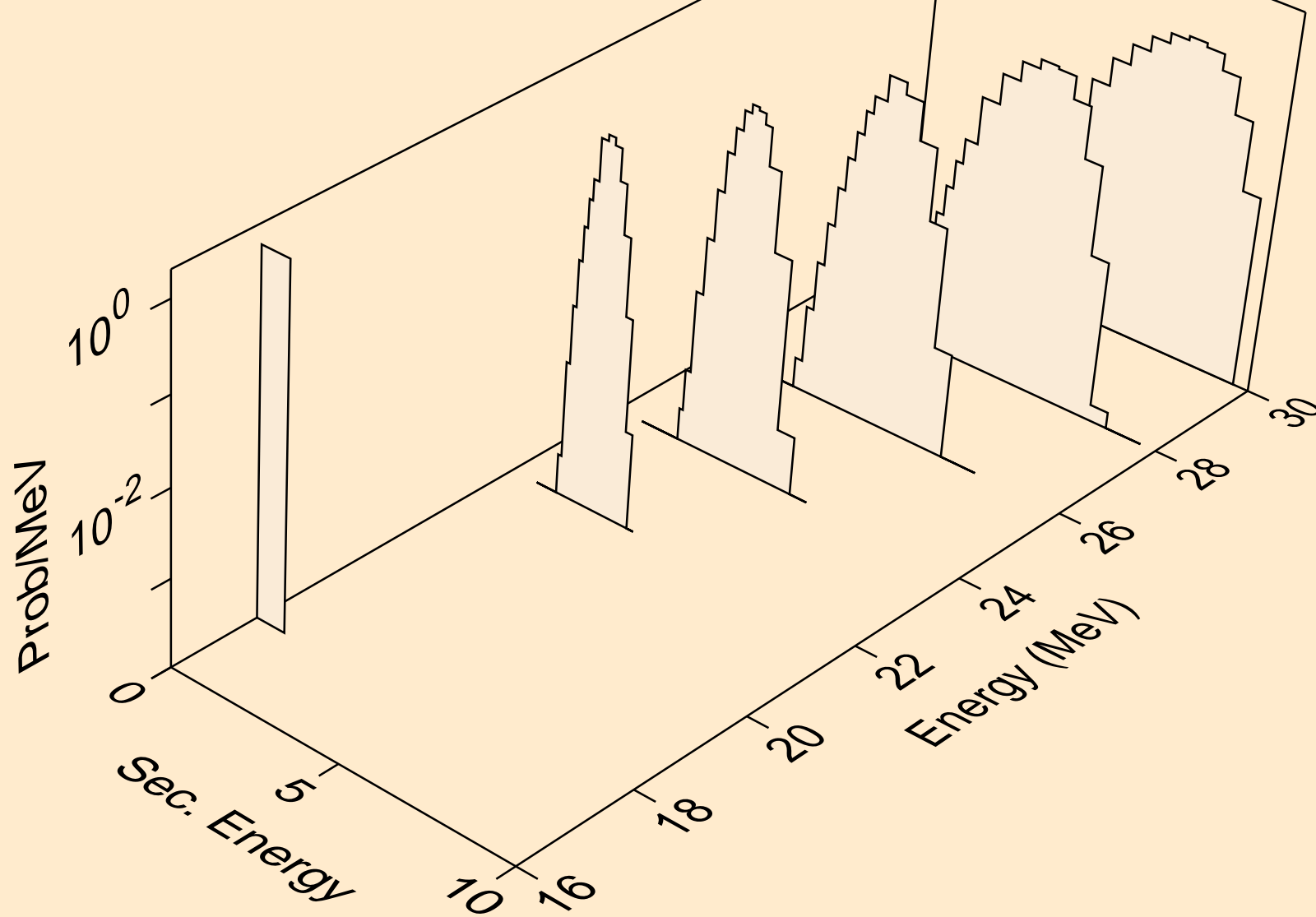


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deuterons from (a,d)

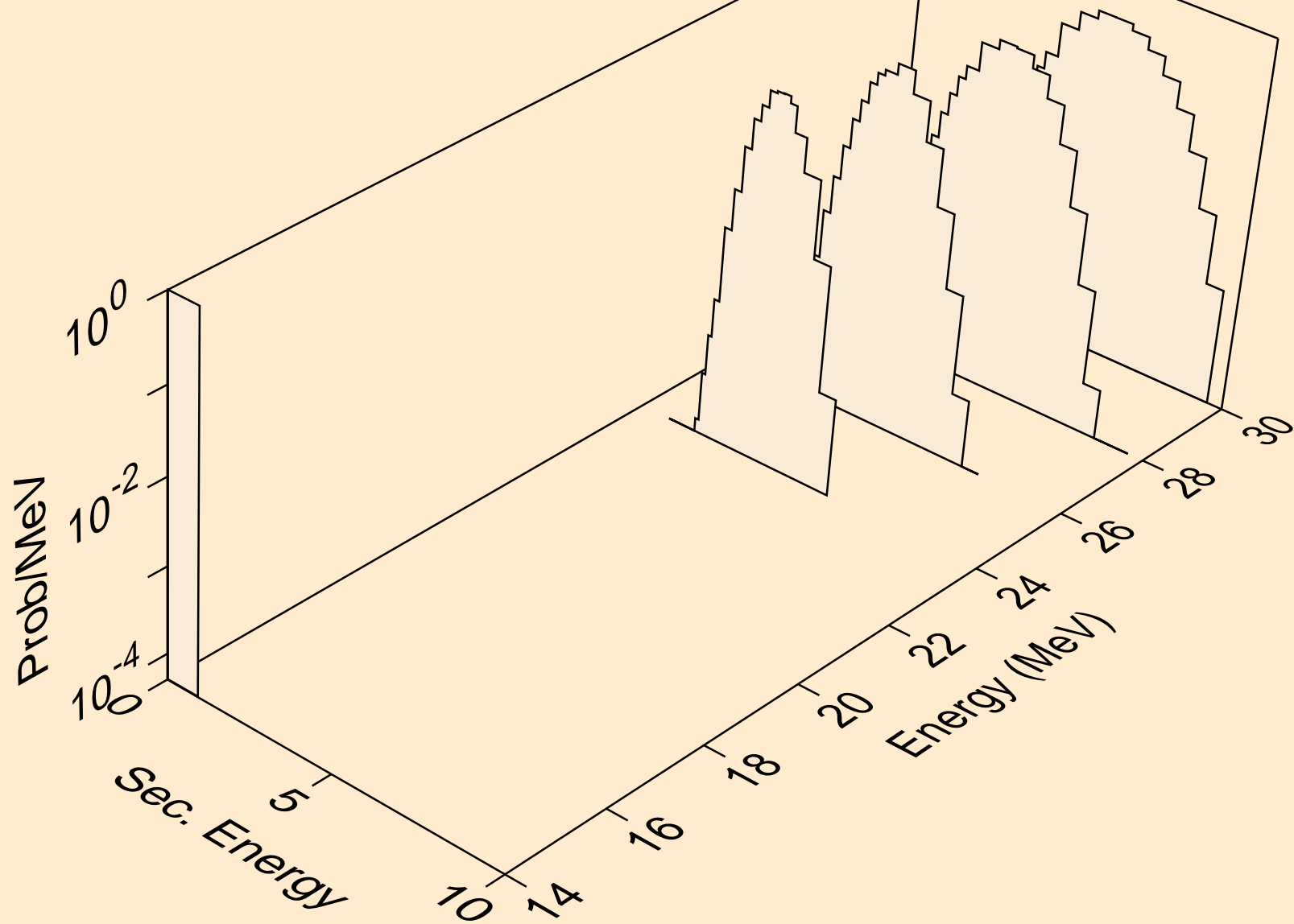




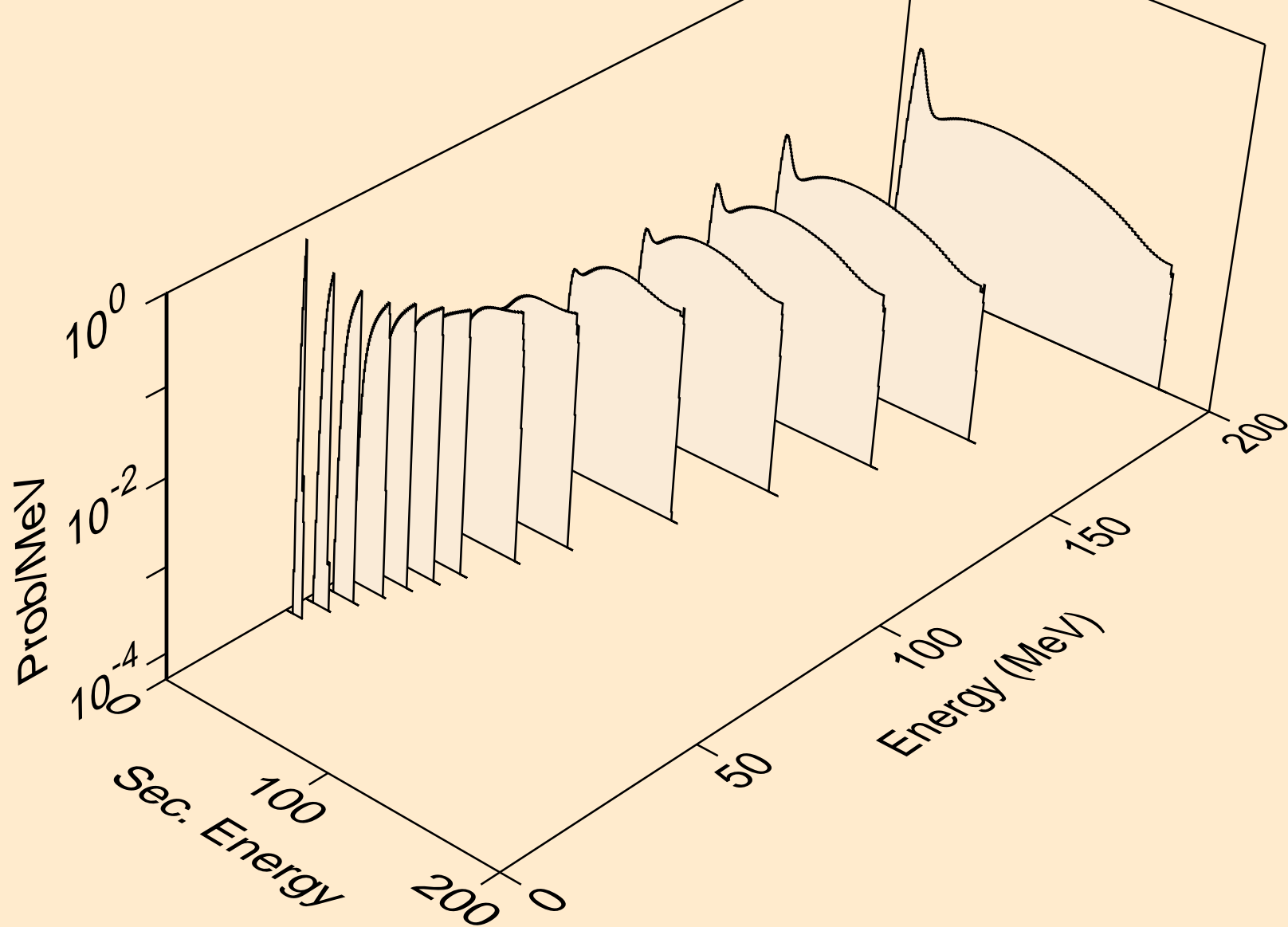
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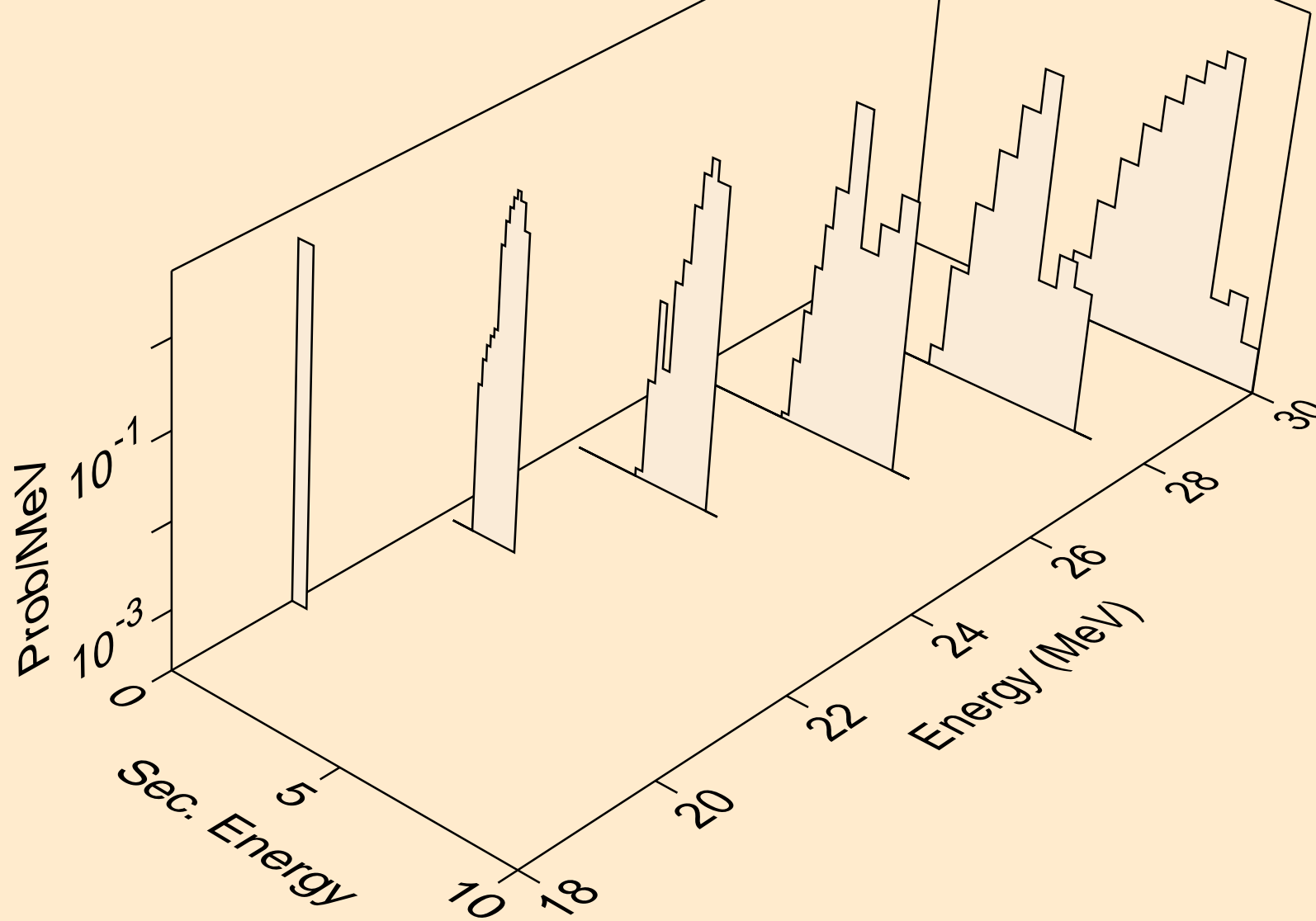
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deuterons from (a,da)



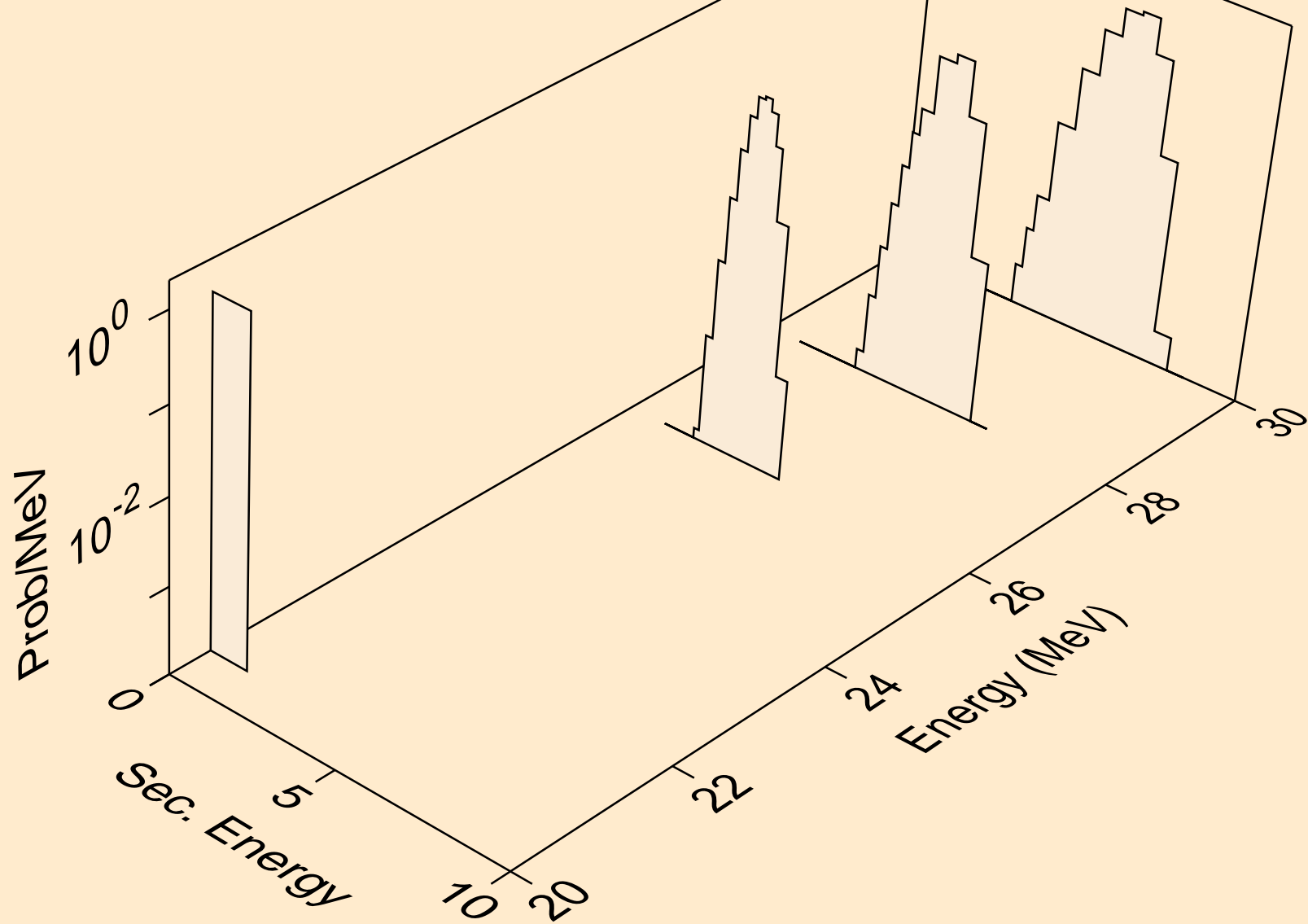
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



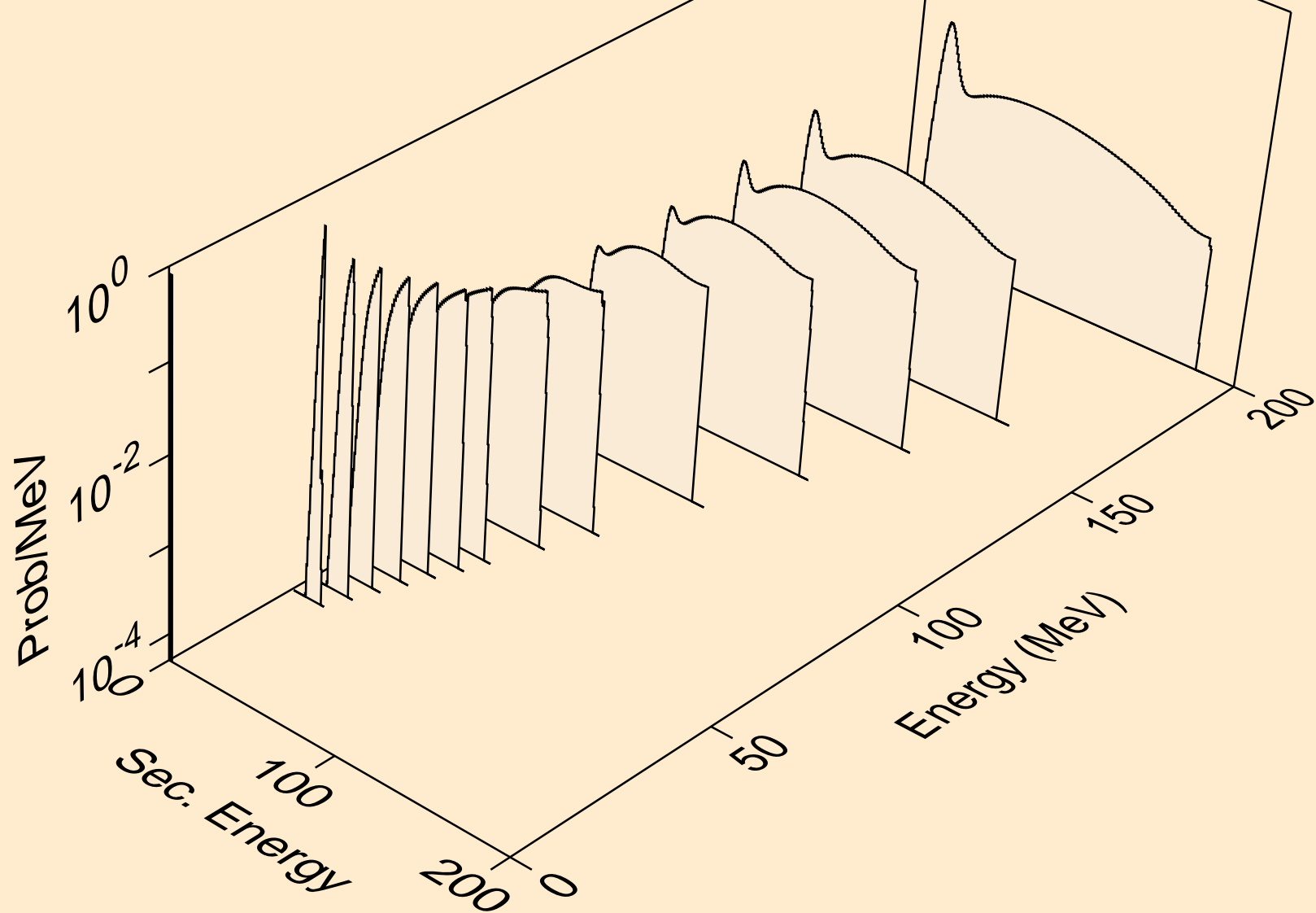
XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



XE116 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

