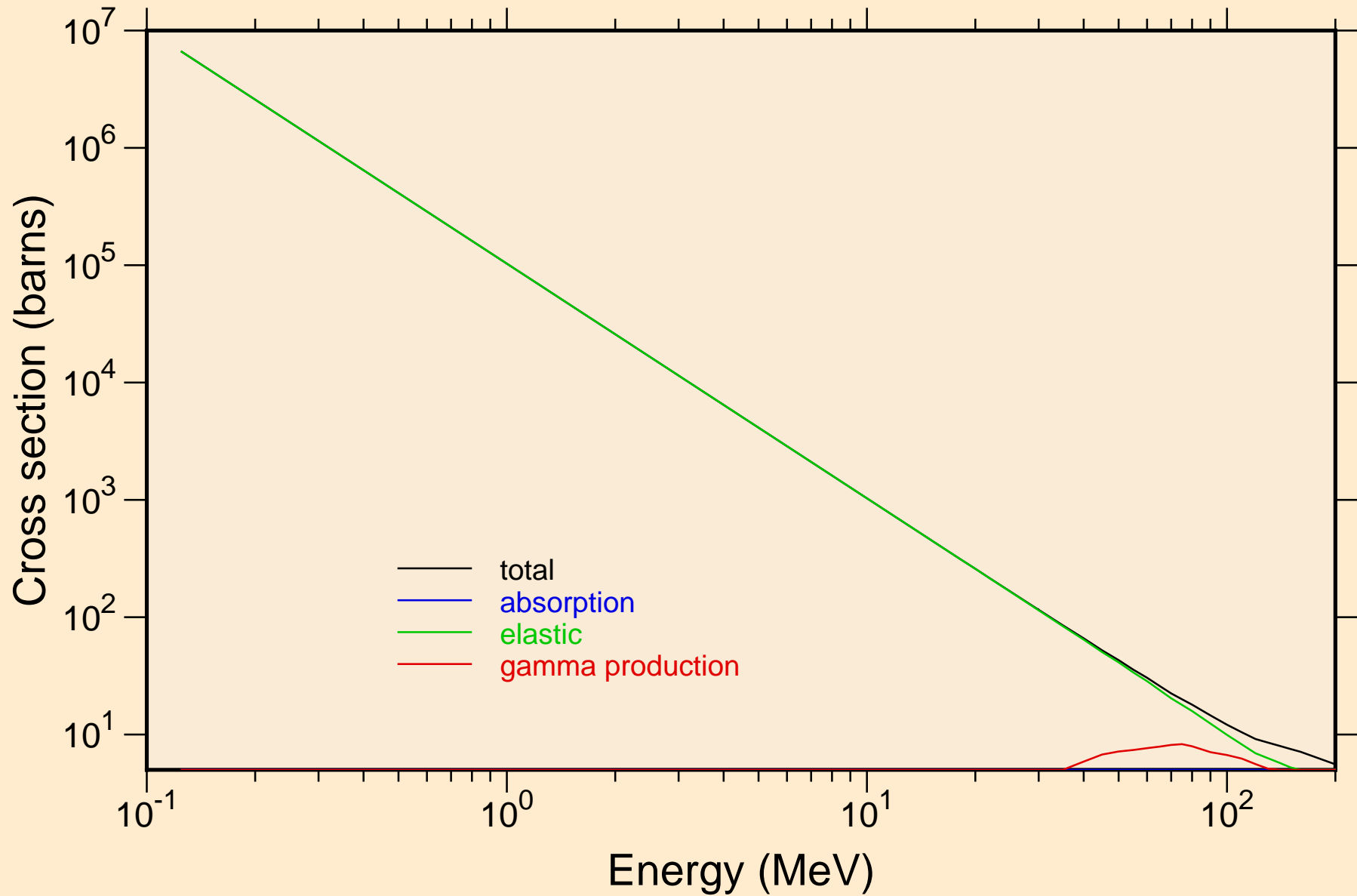
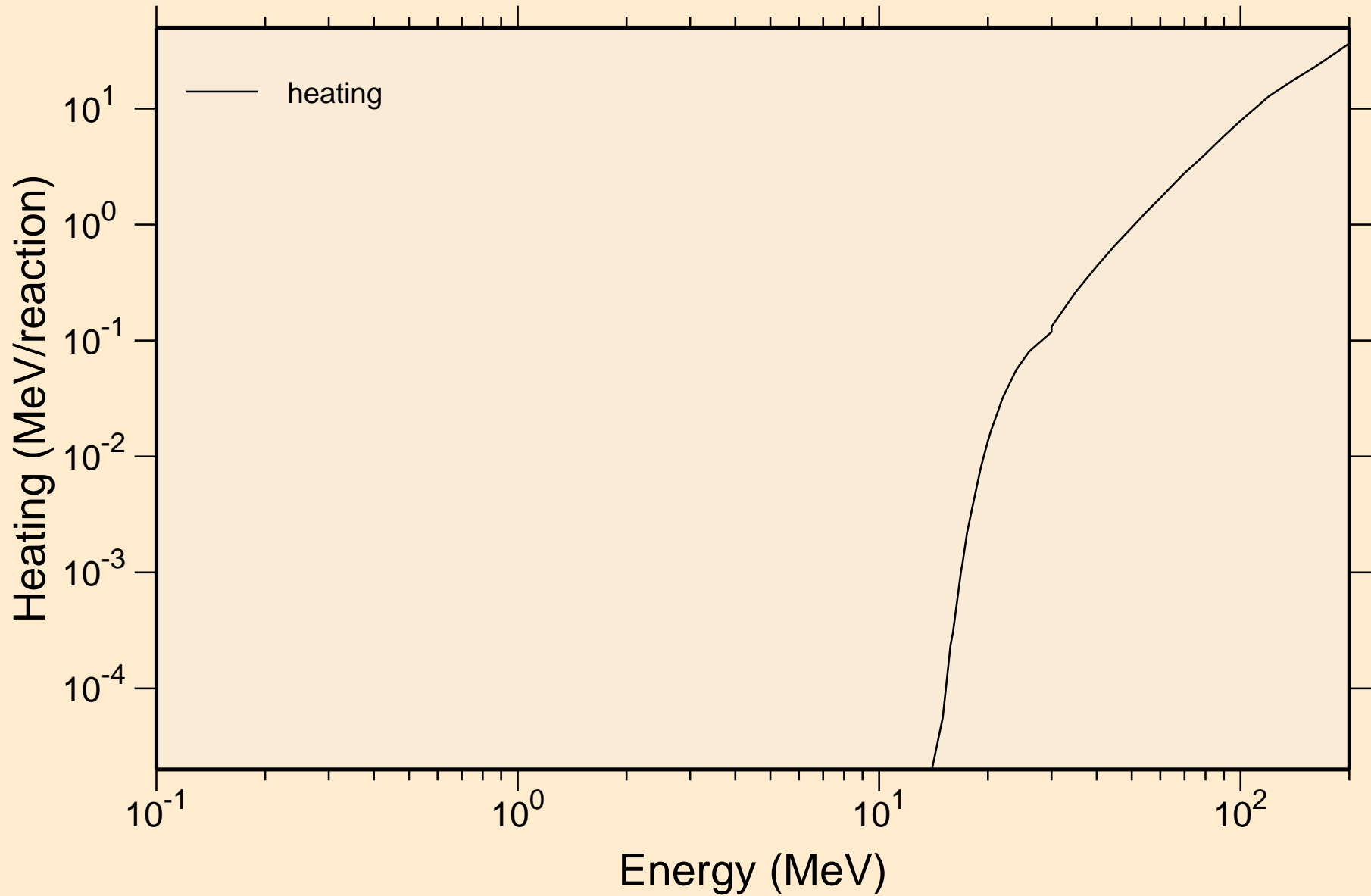


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



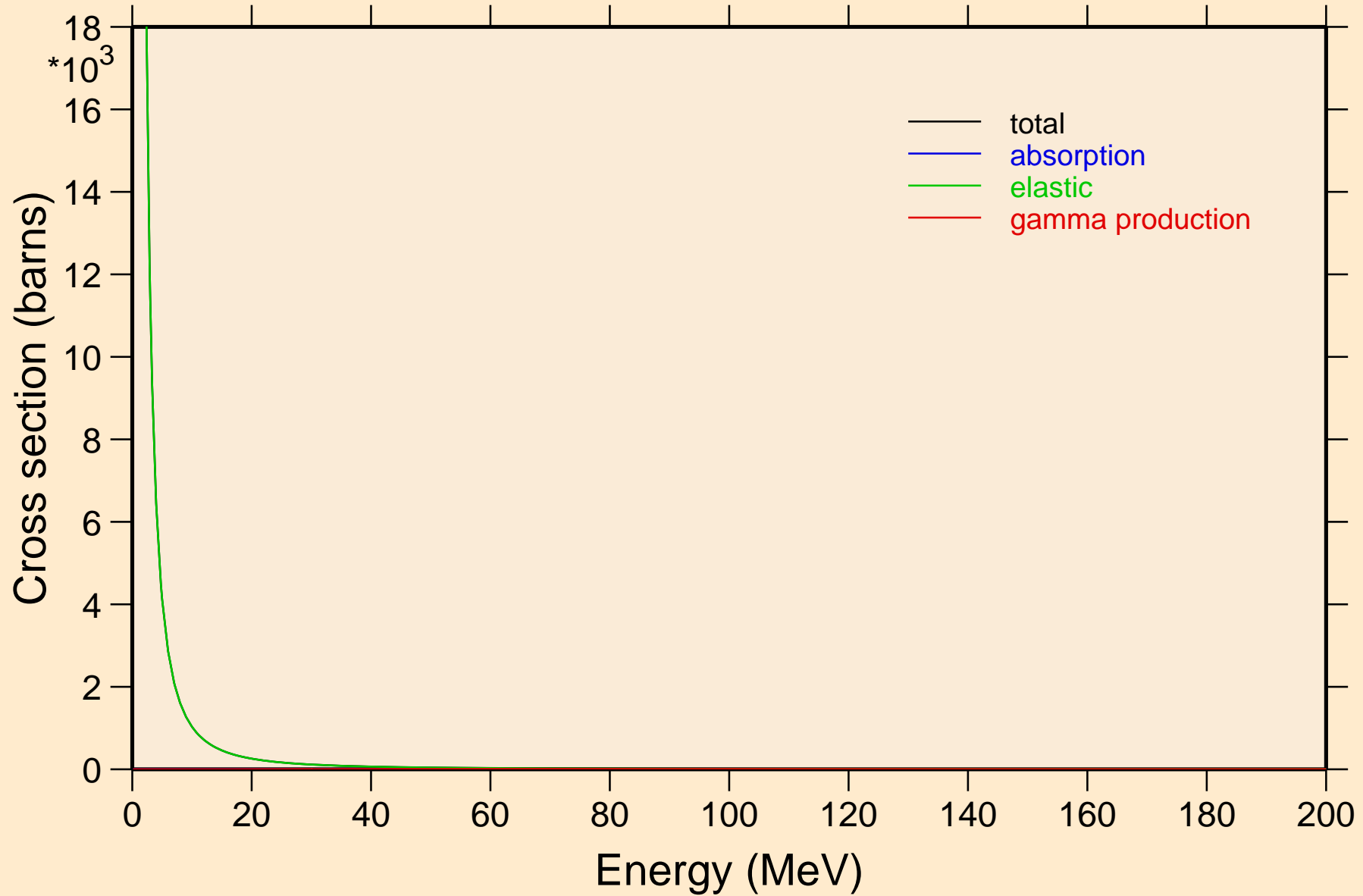
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



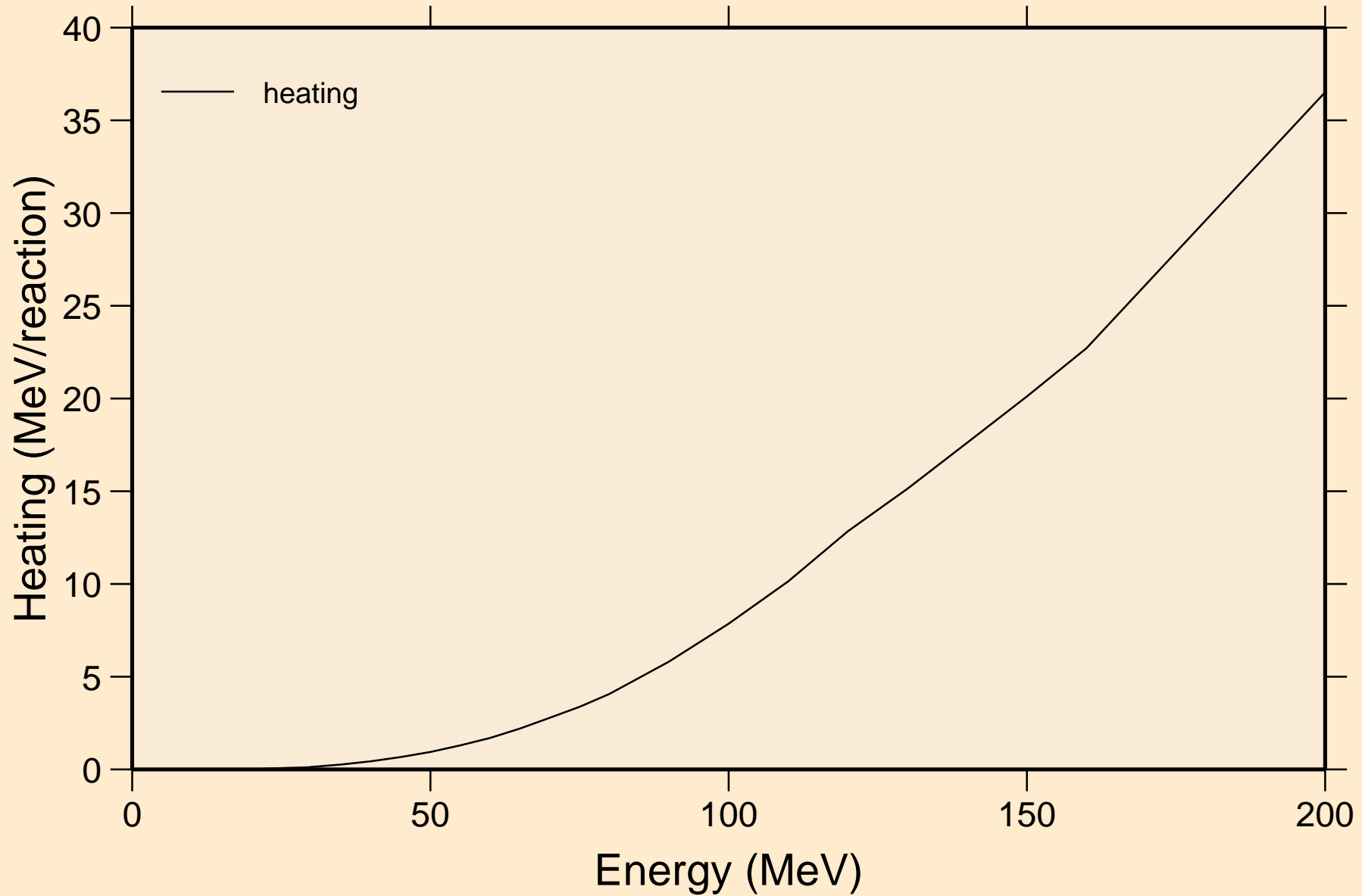
# EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

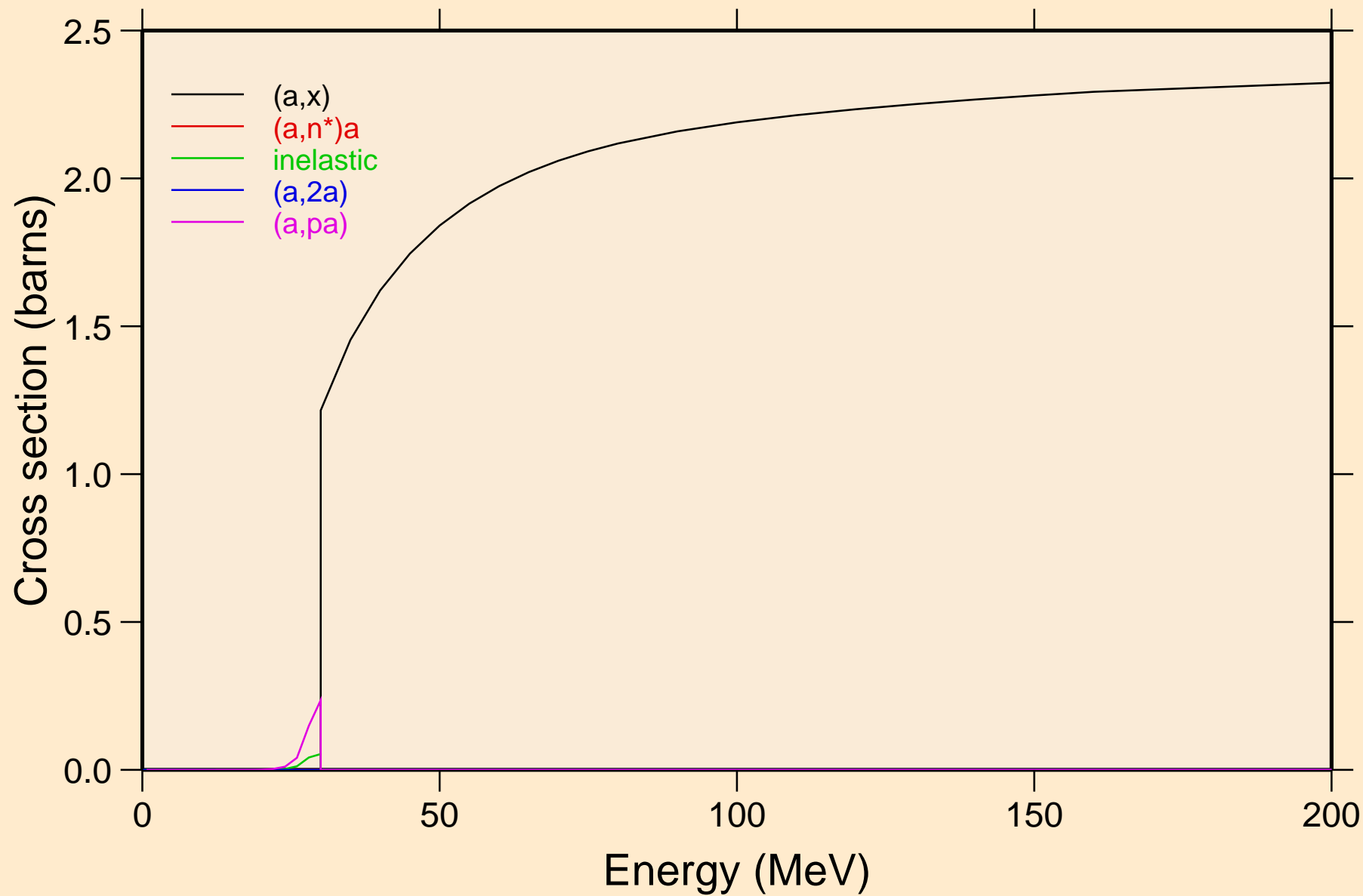


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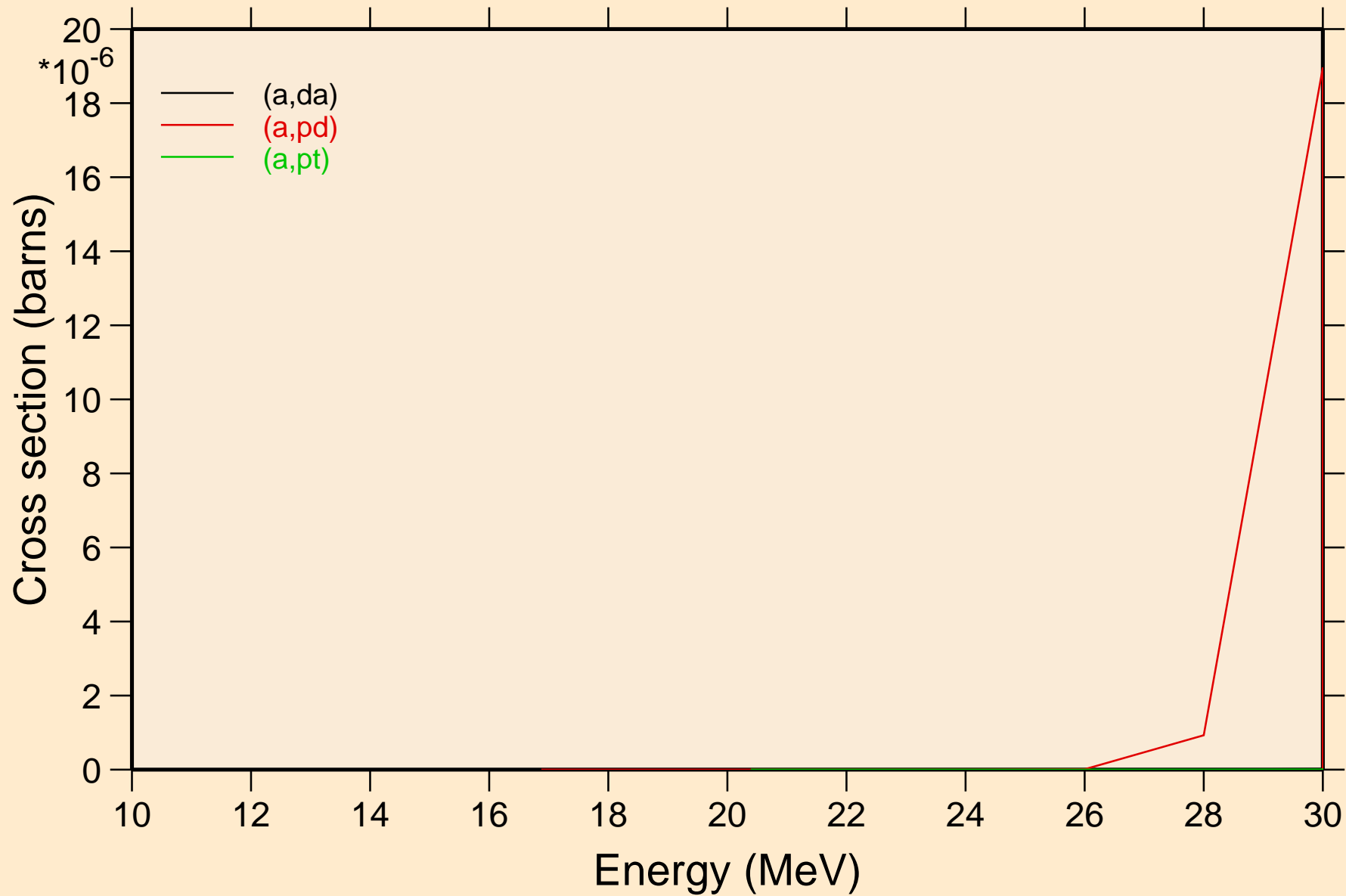
## Heating



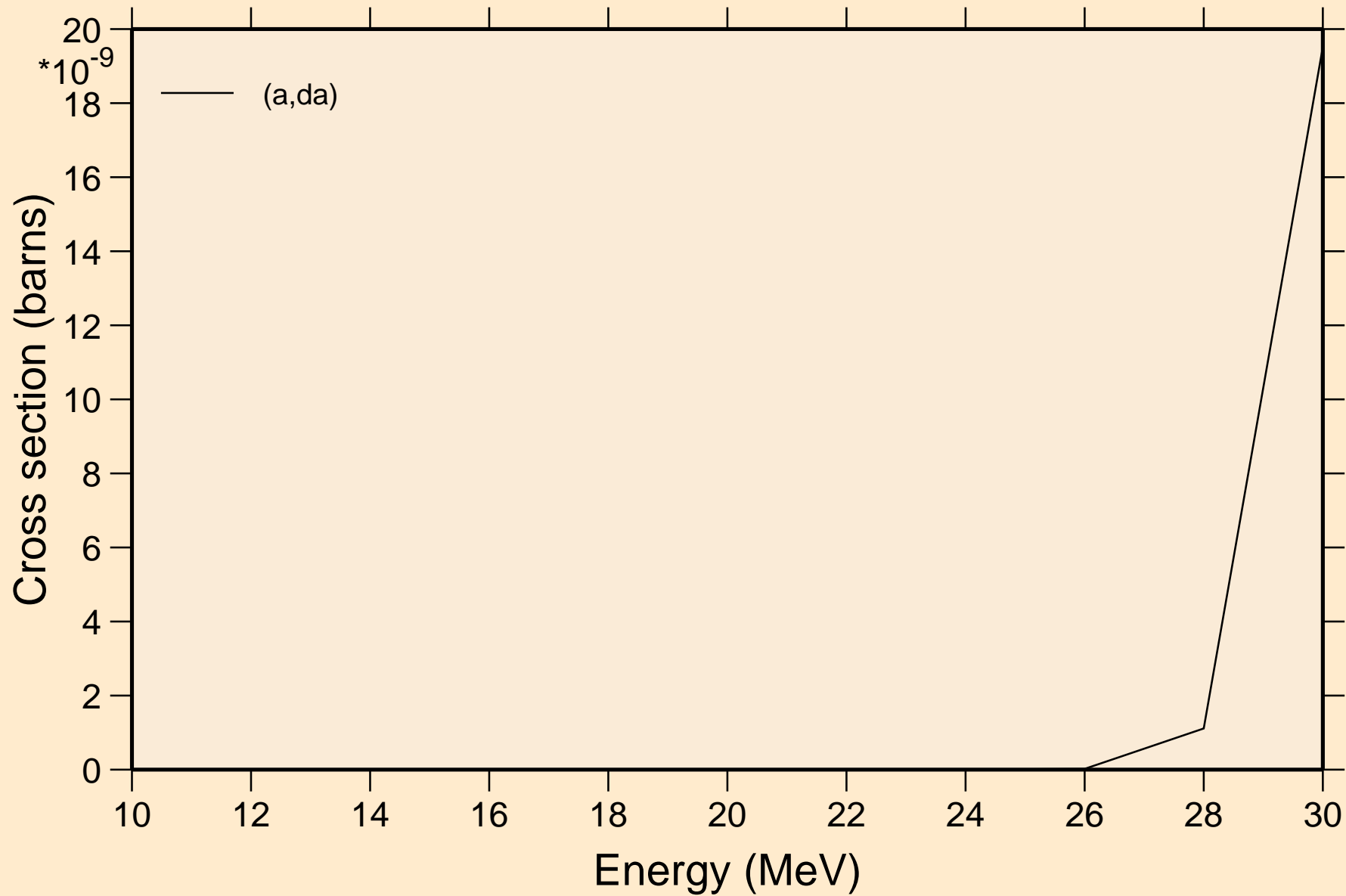
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



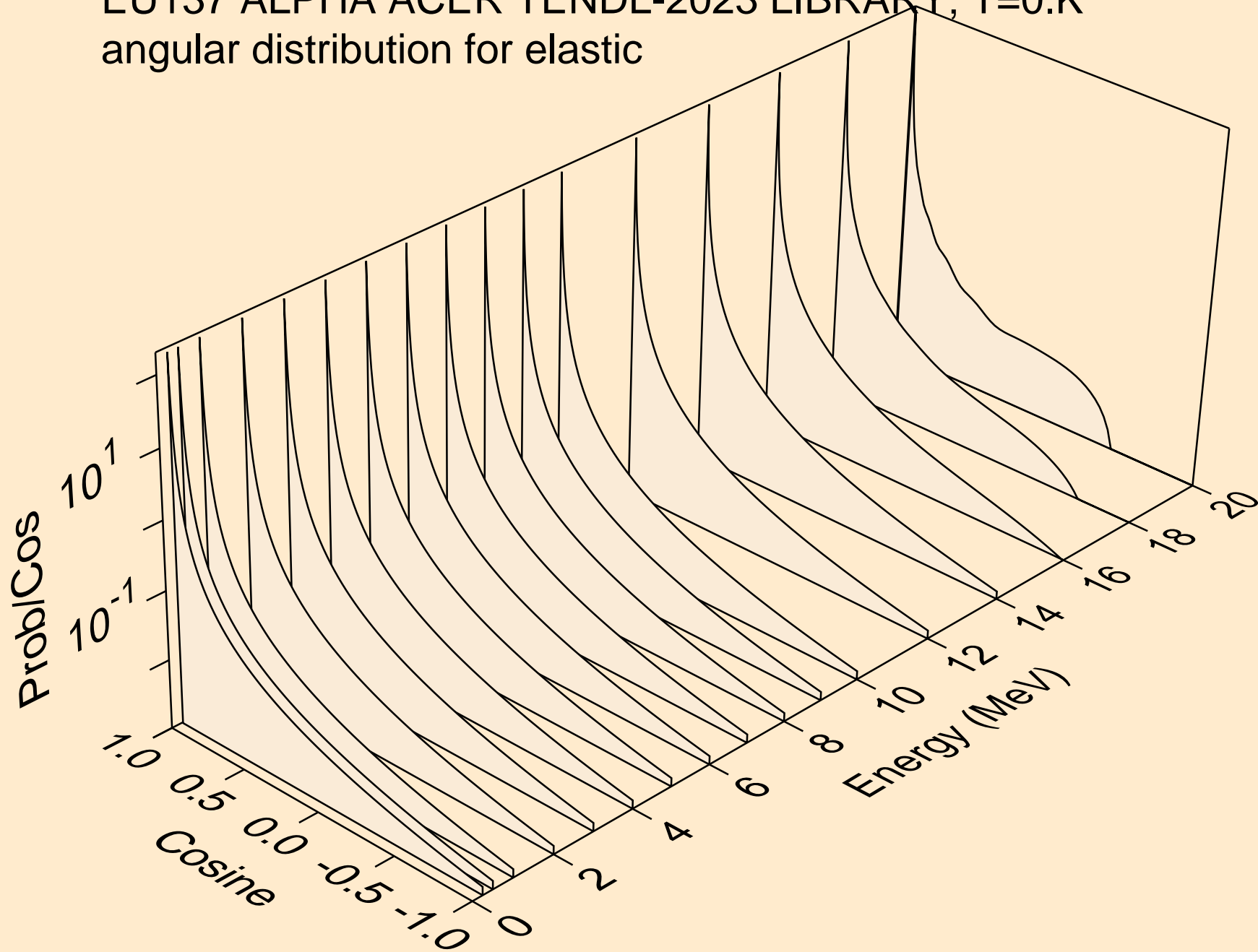
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

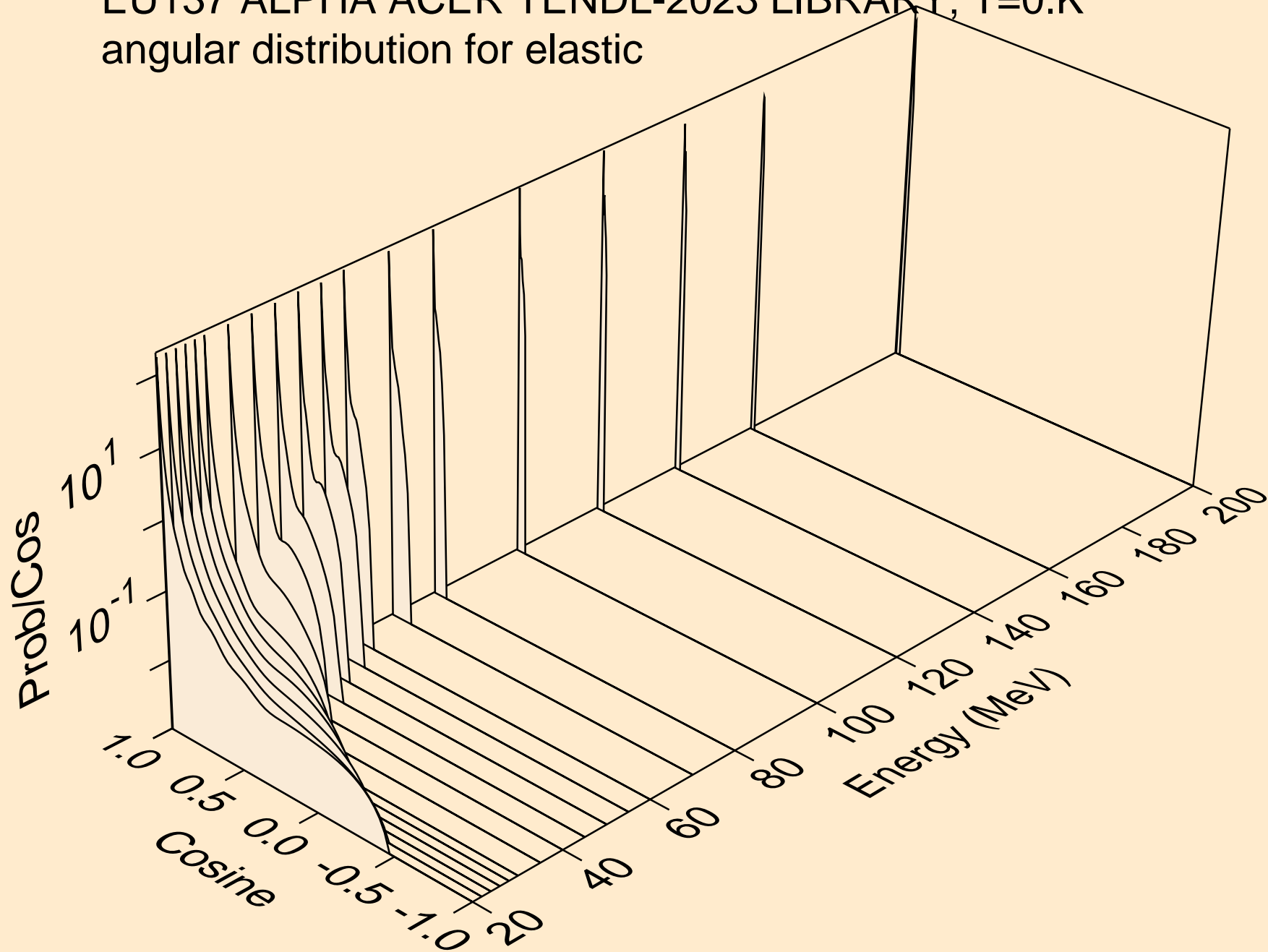


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



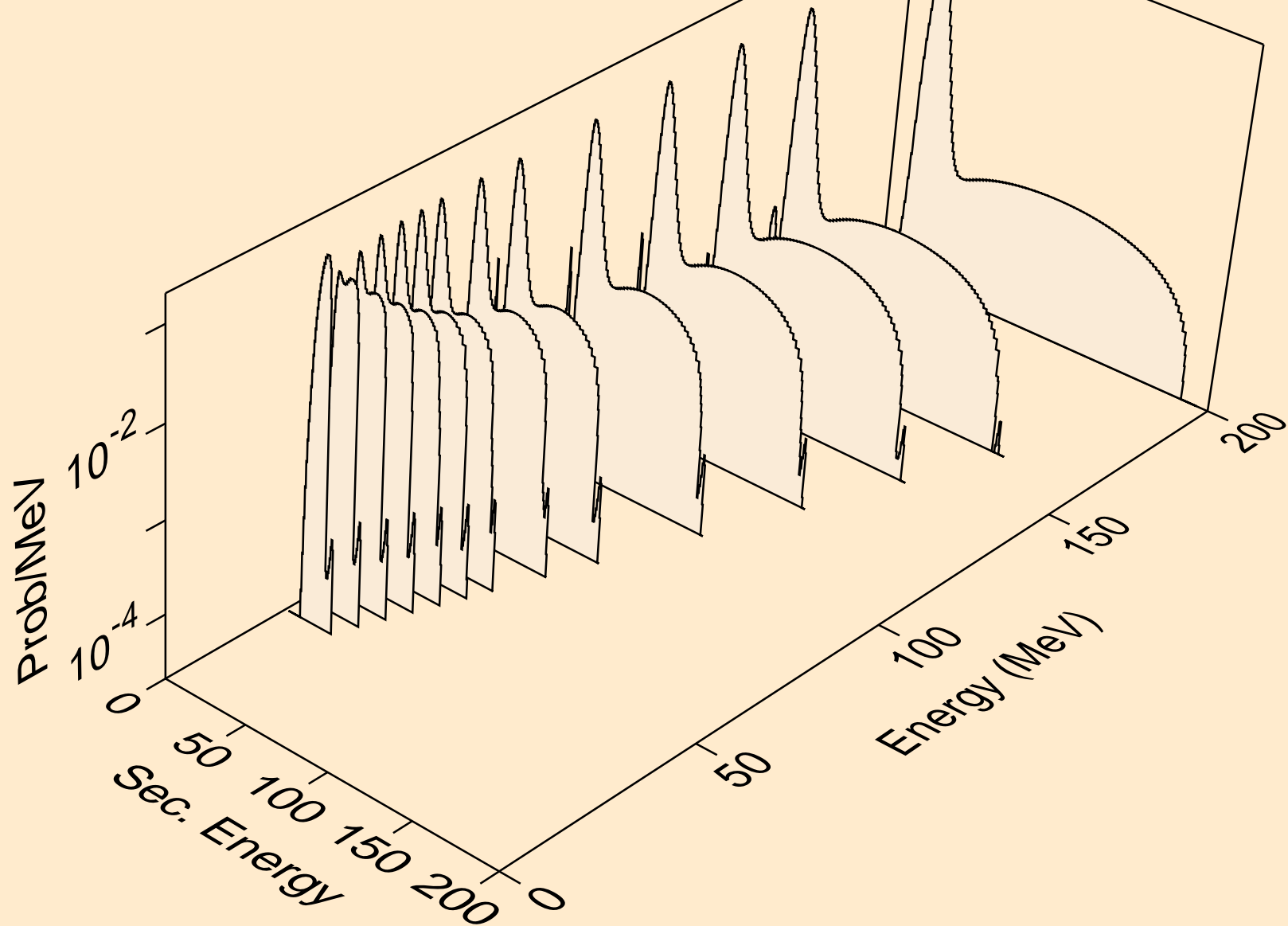


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

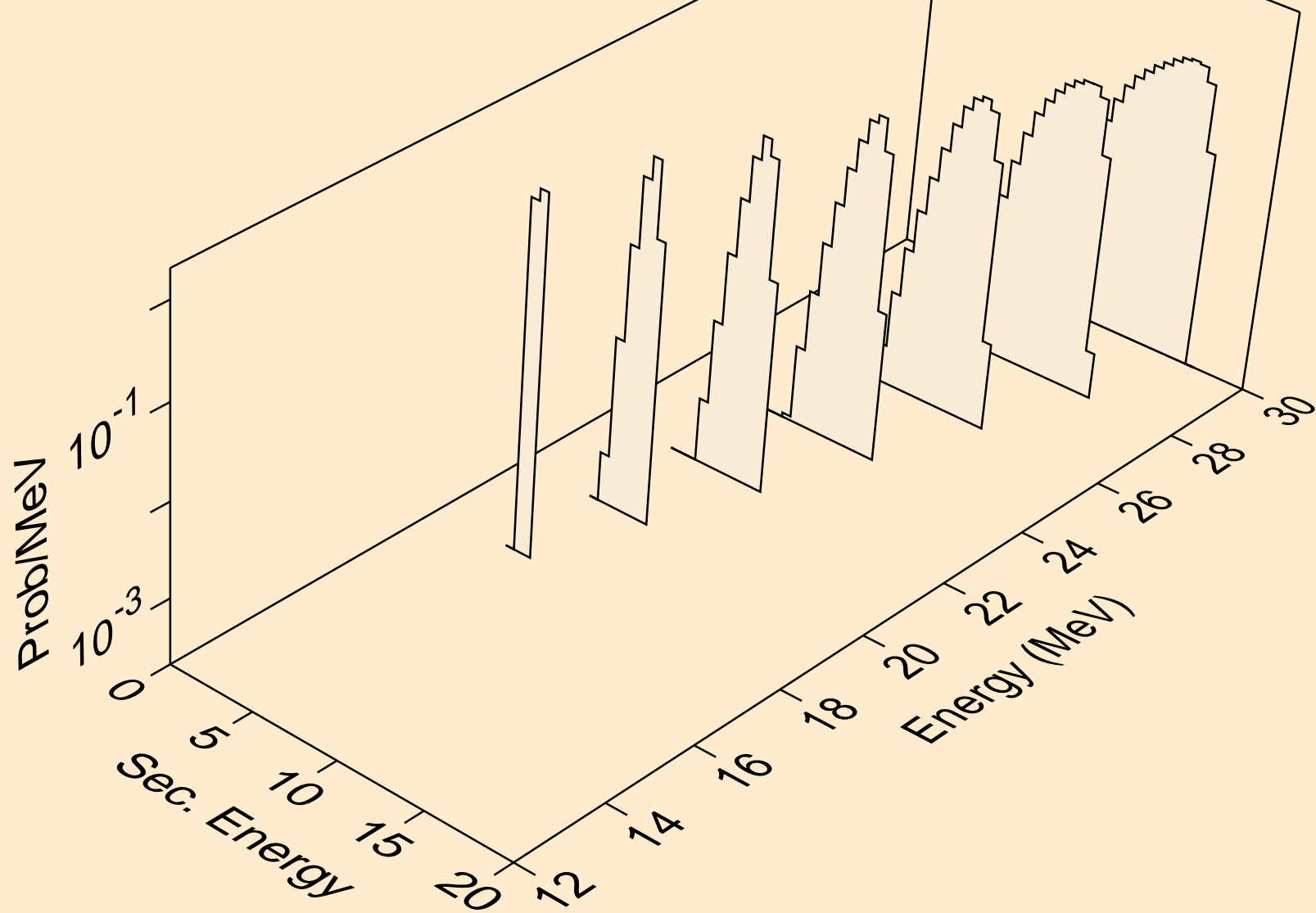


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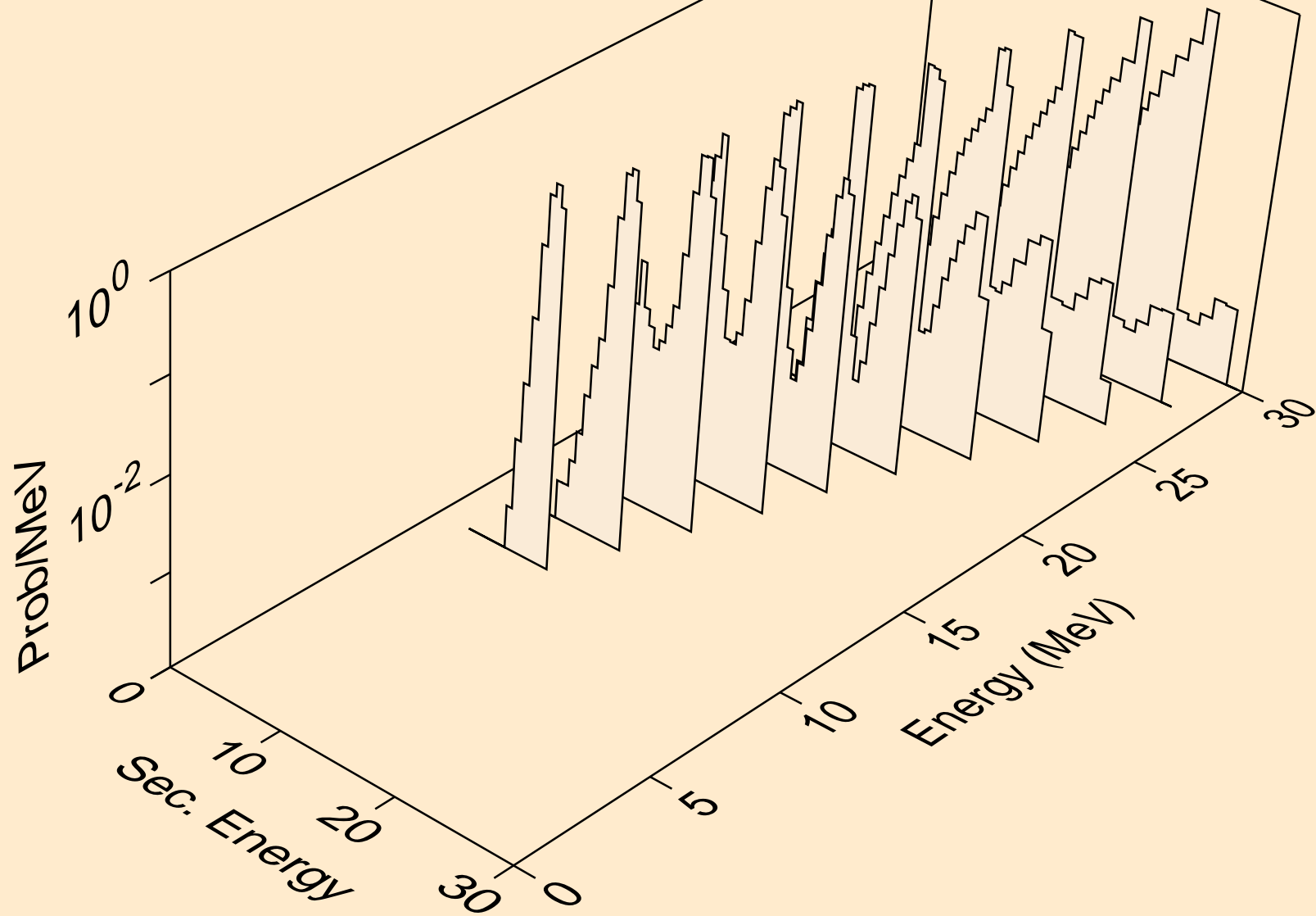
Alpha emission for (a,x)



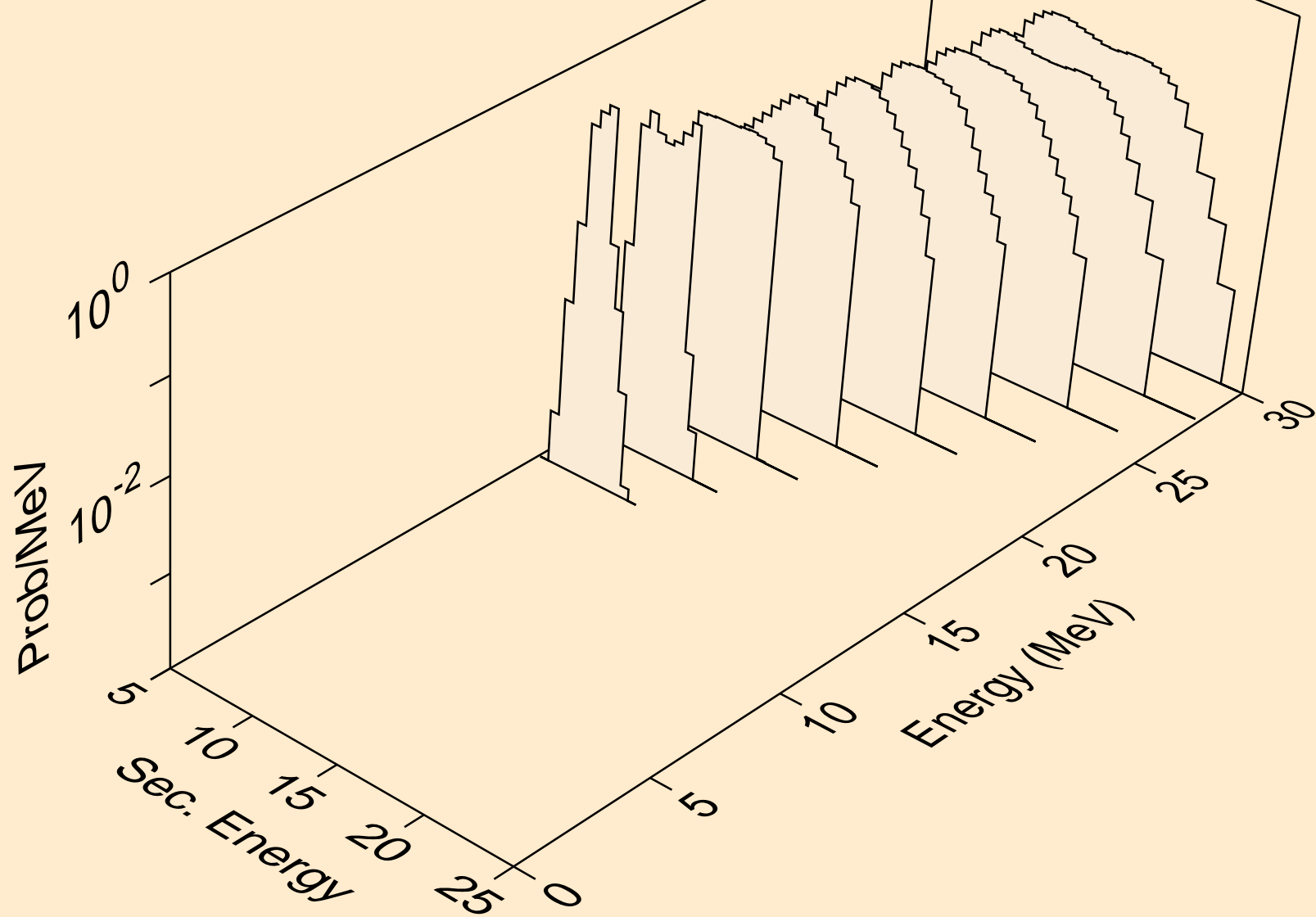
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



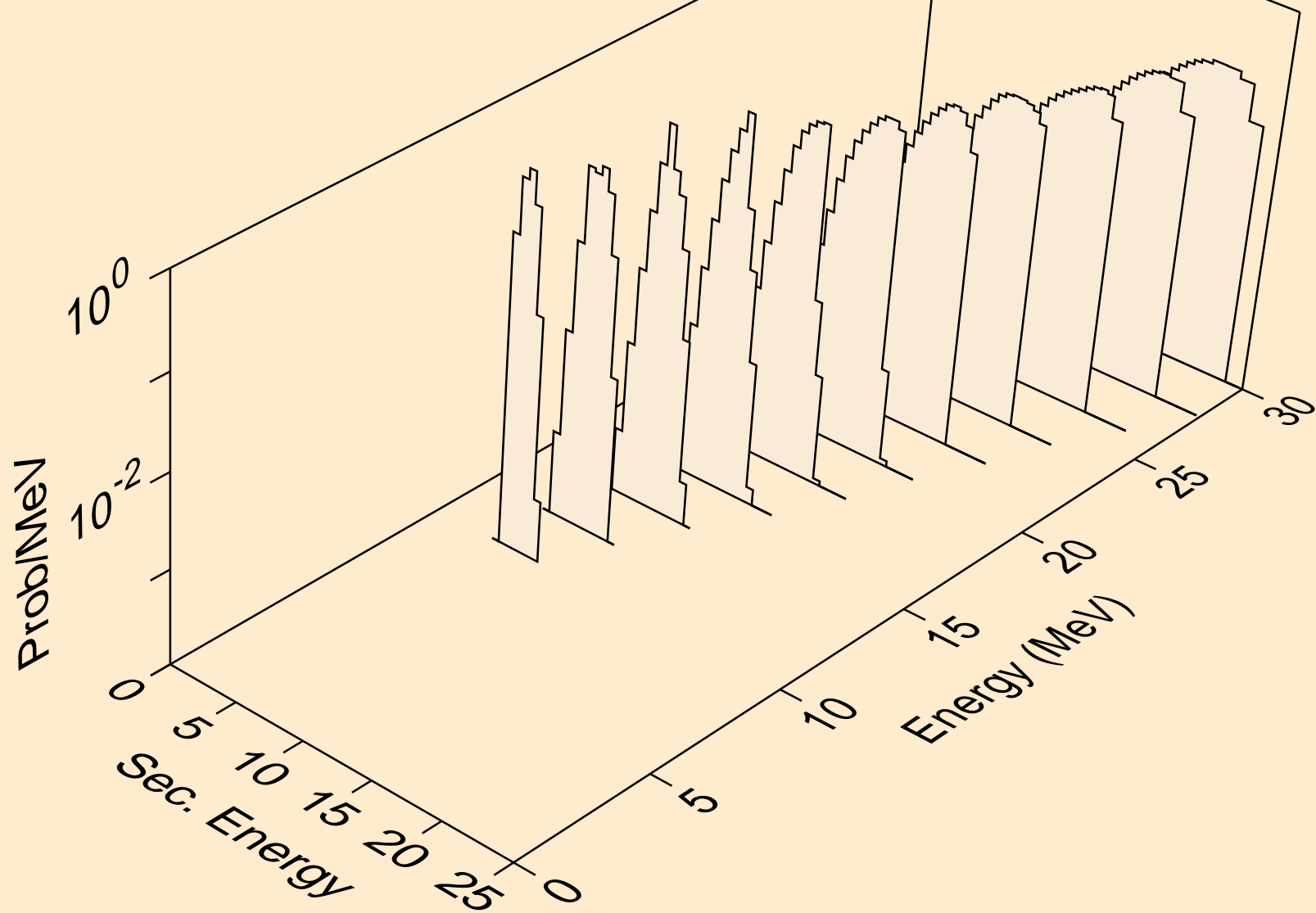
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



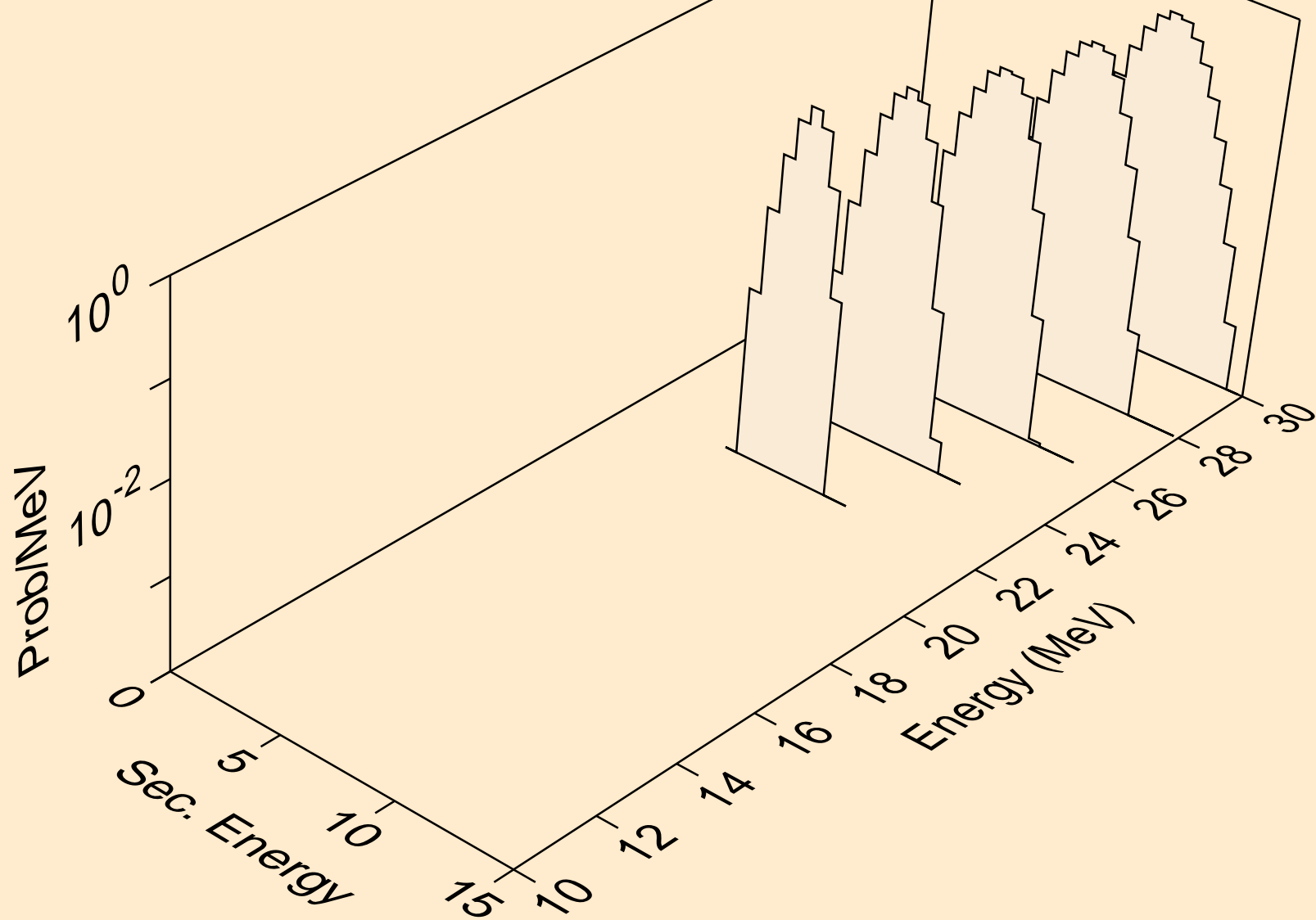
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



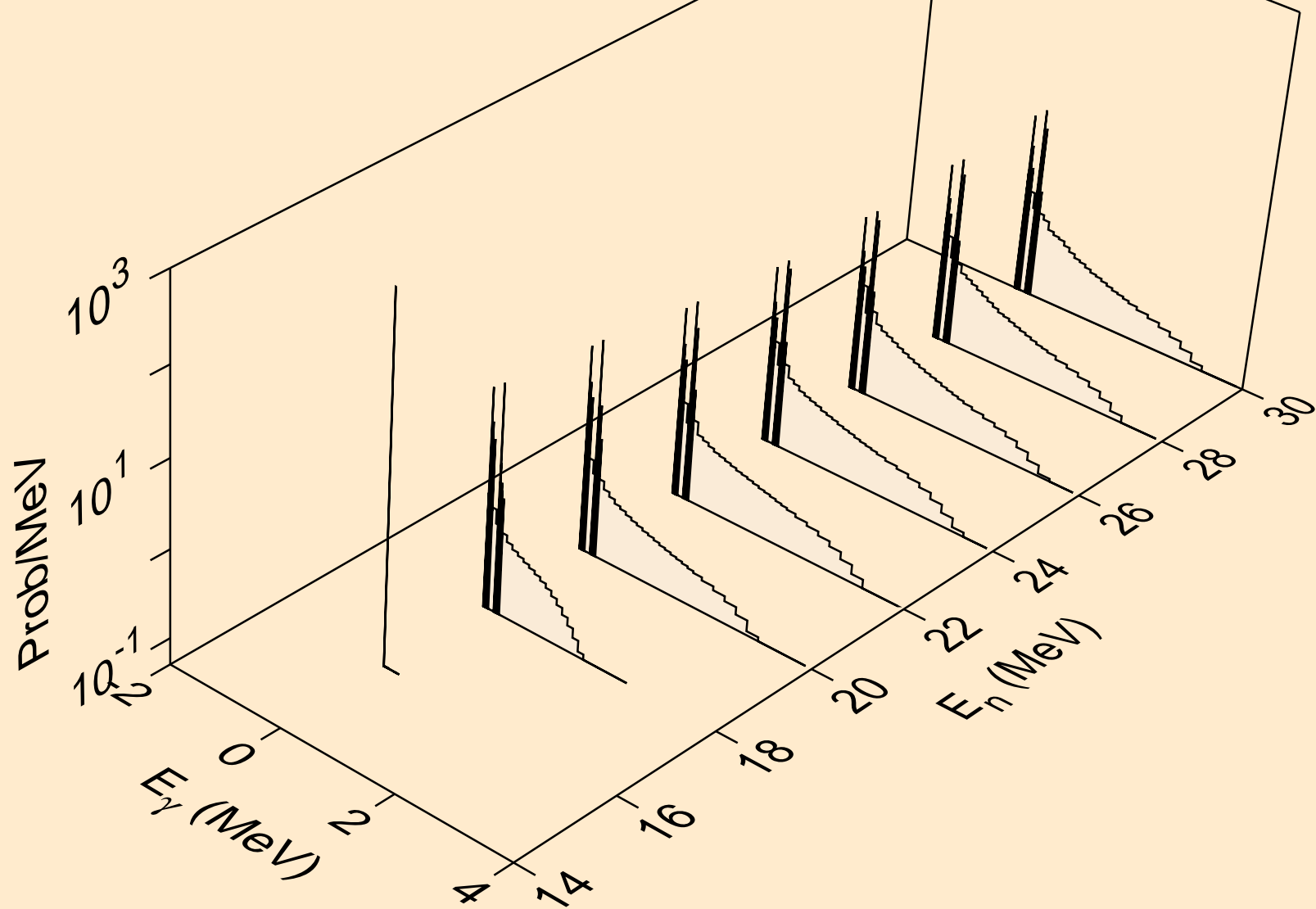
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

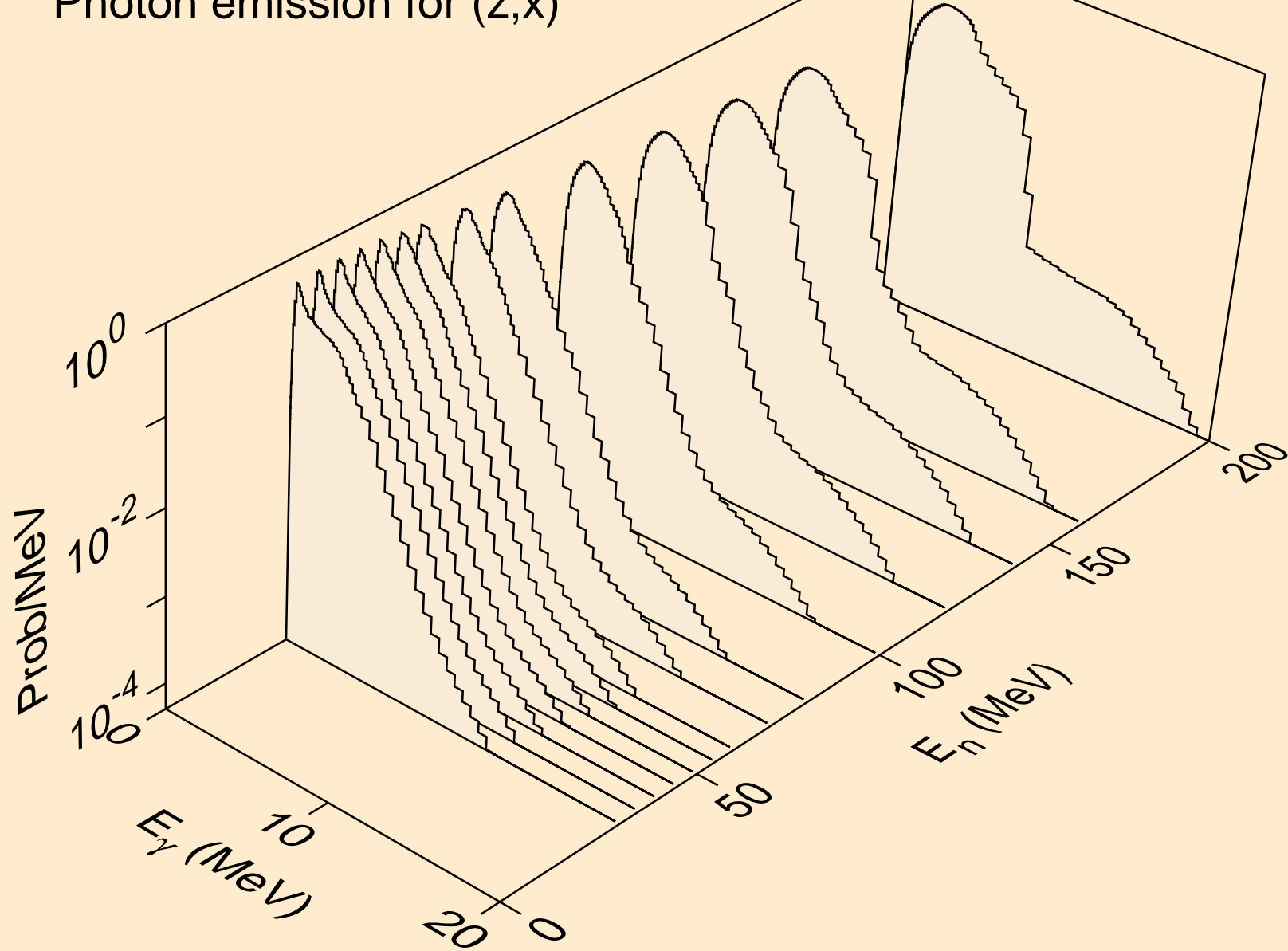


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

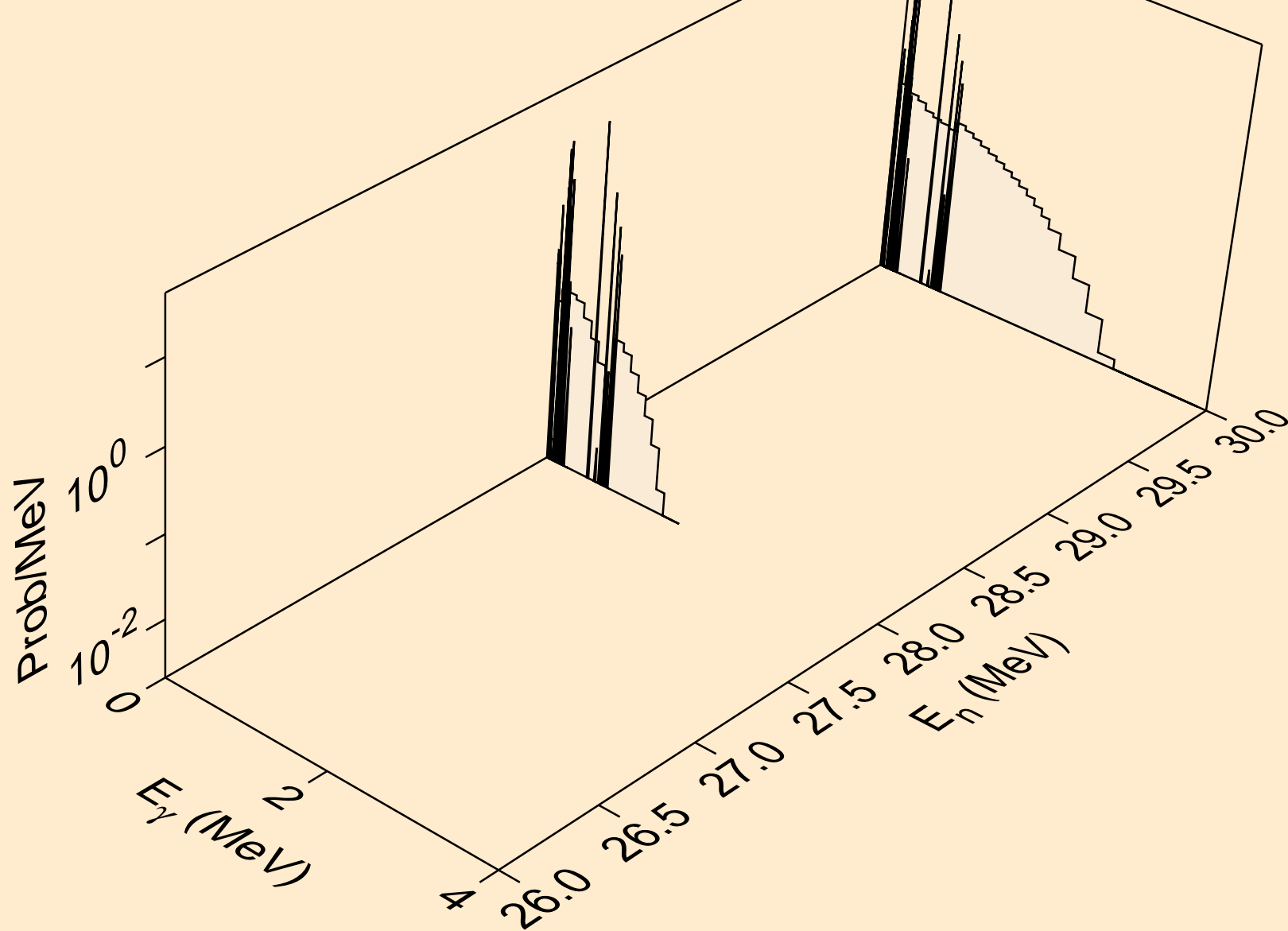




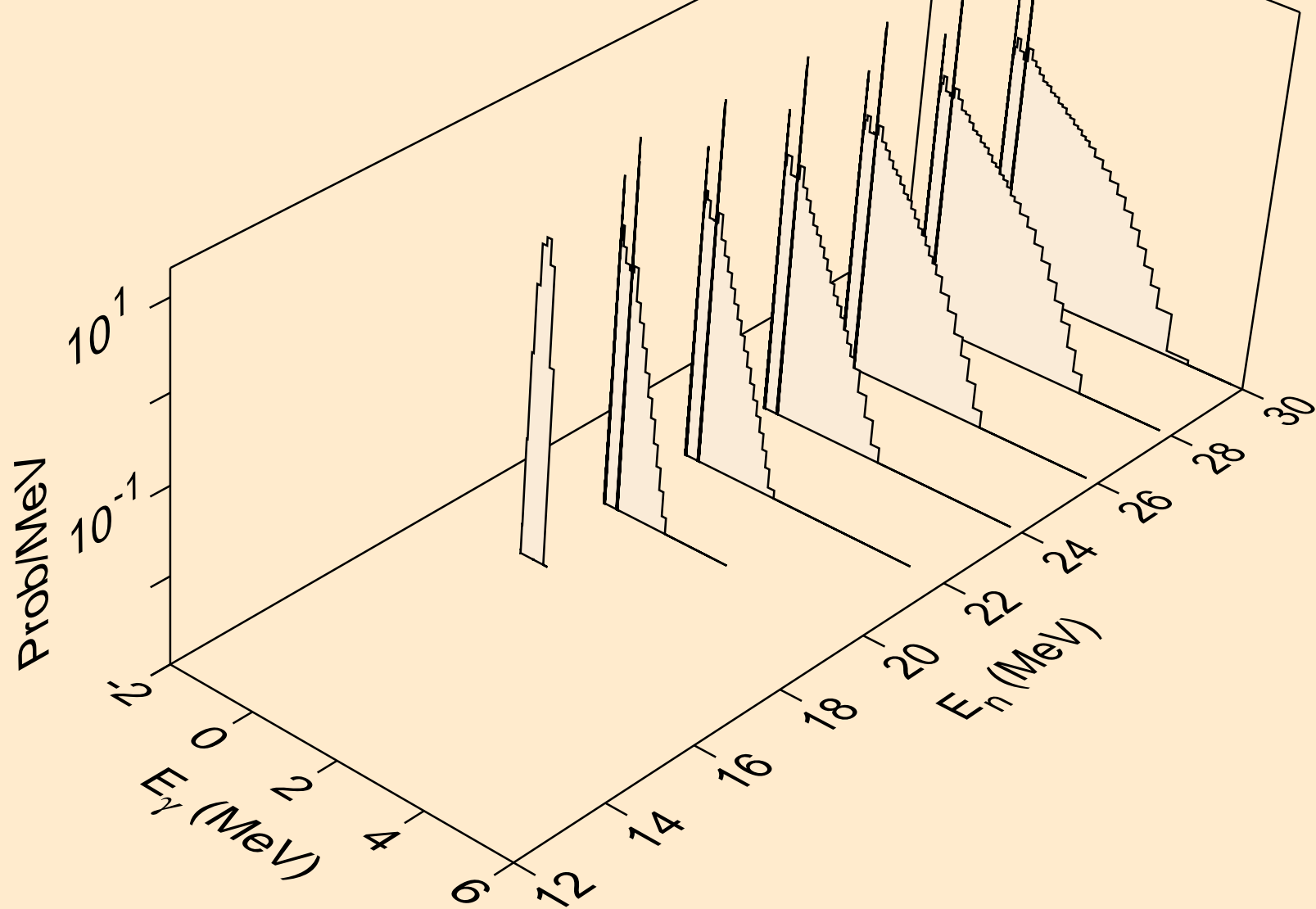
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



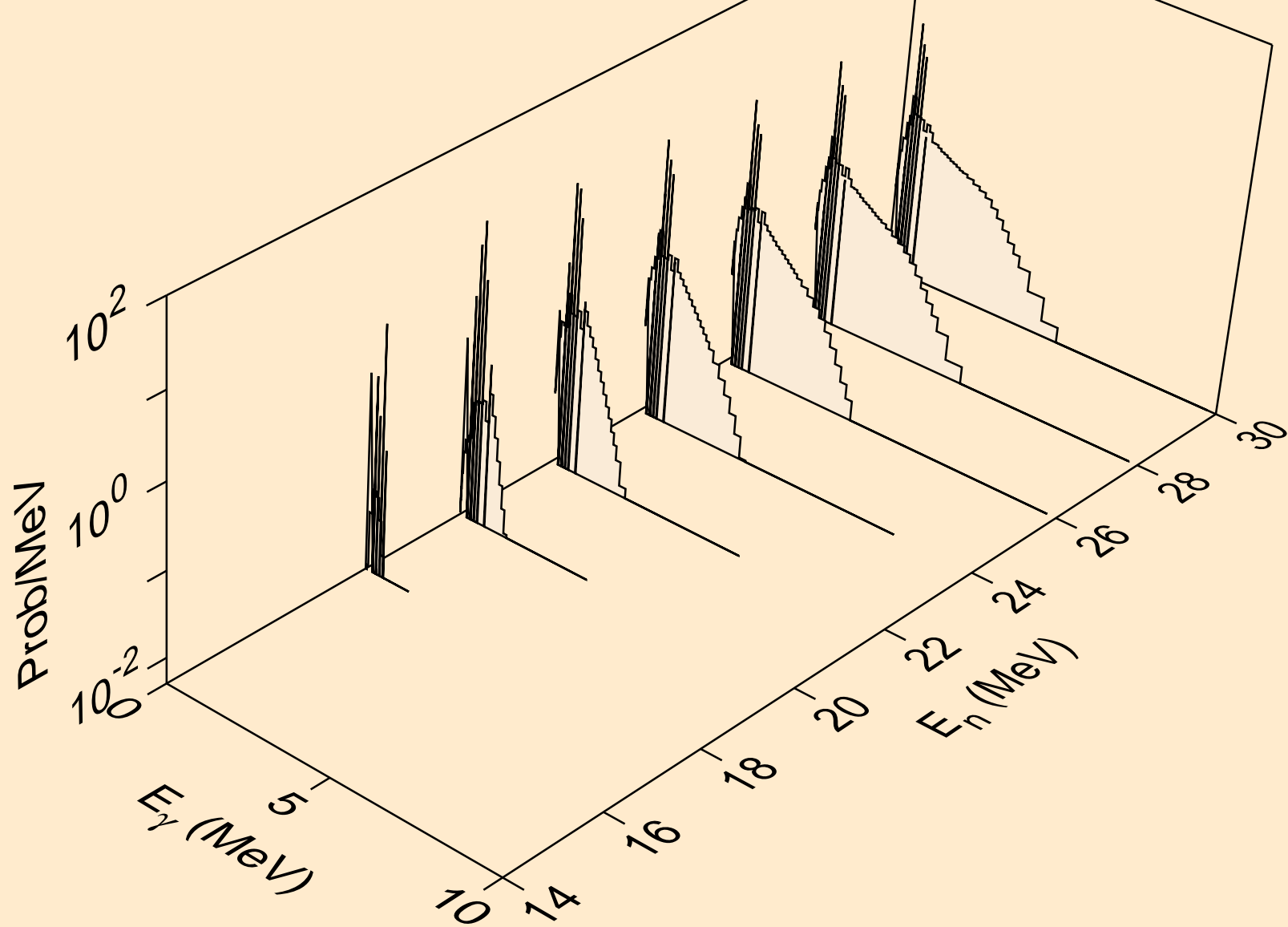
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



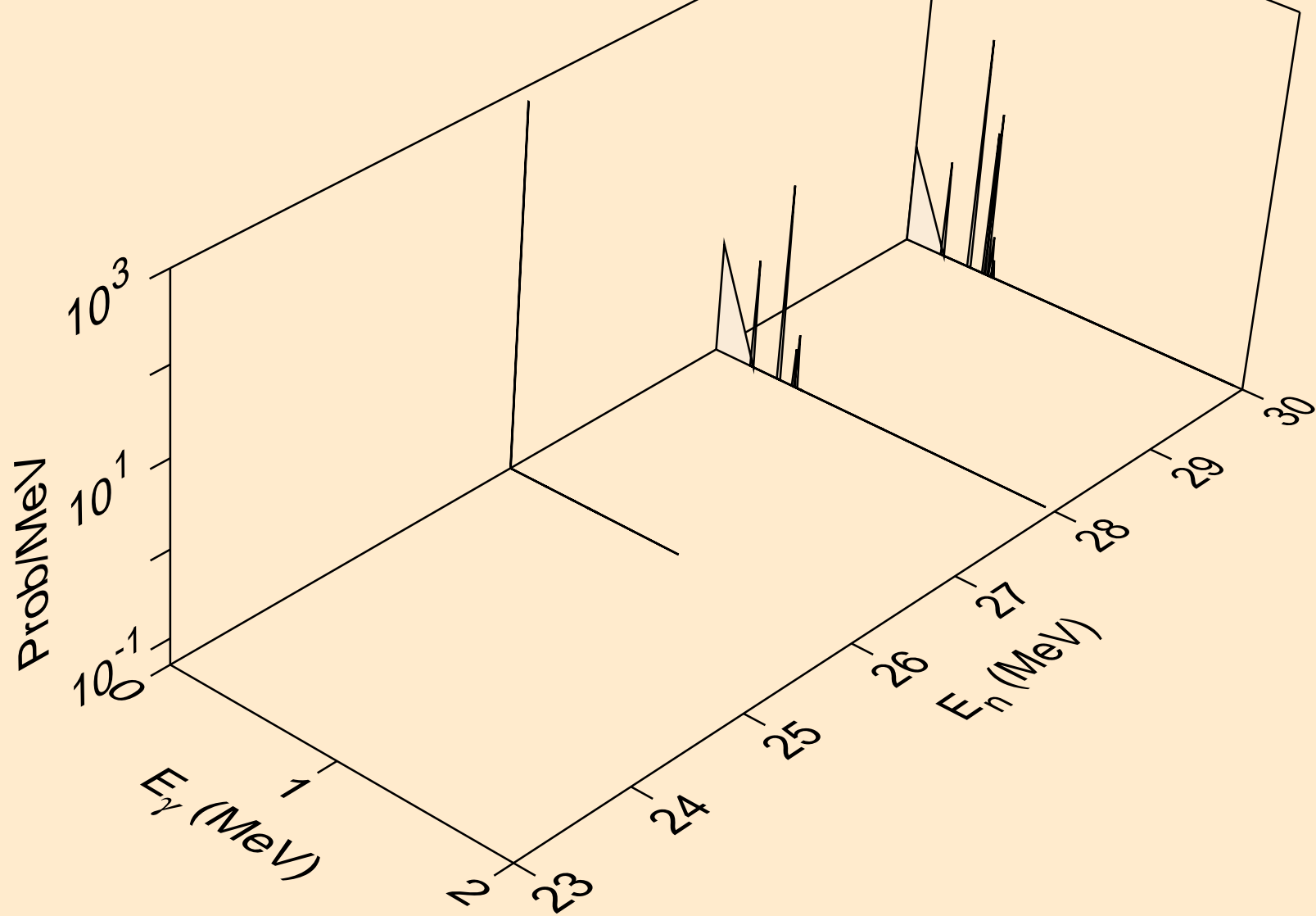
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



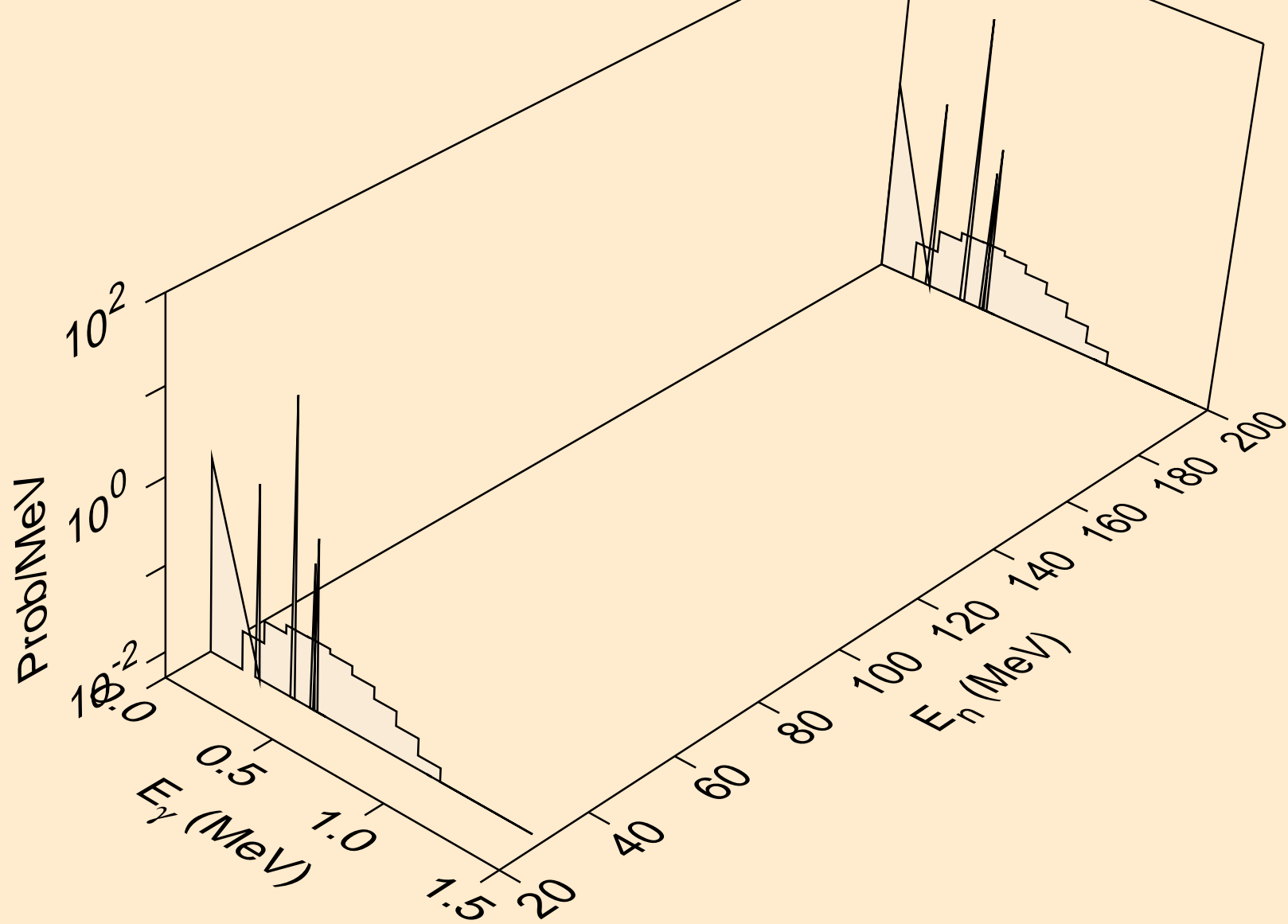
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



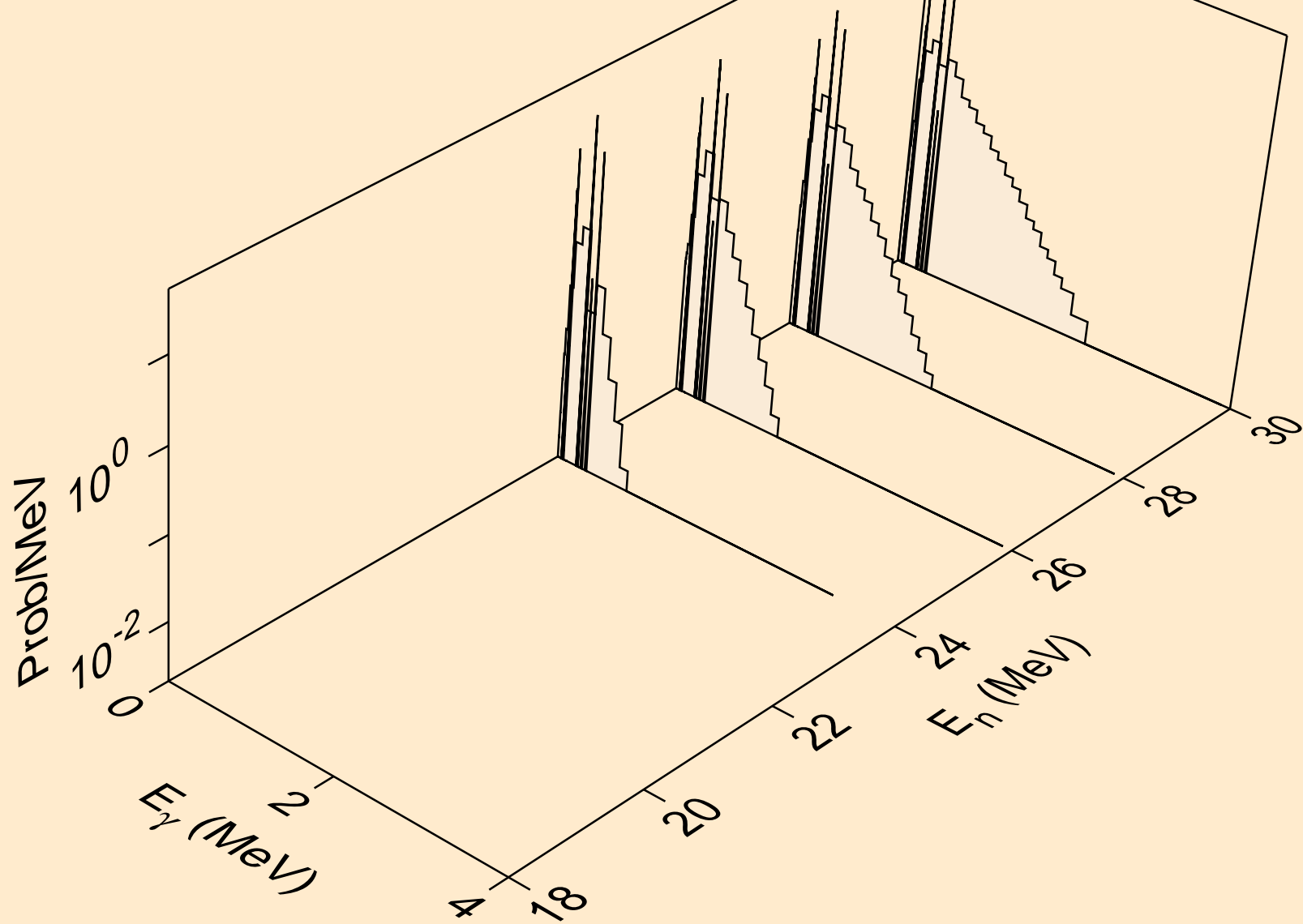
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



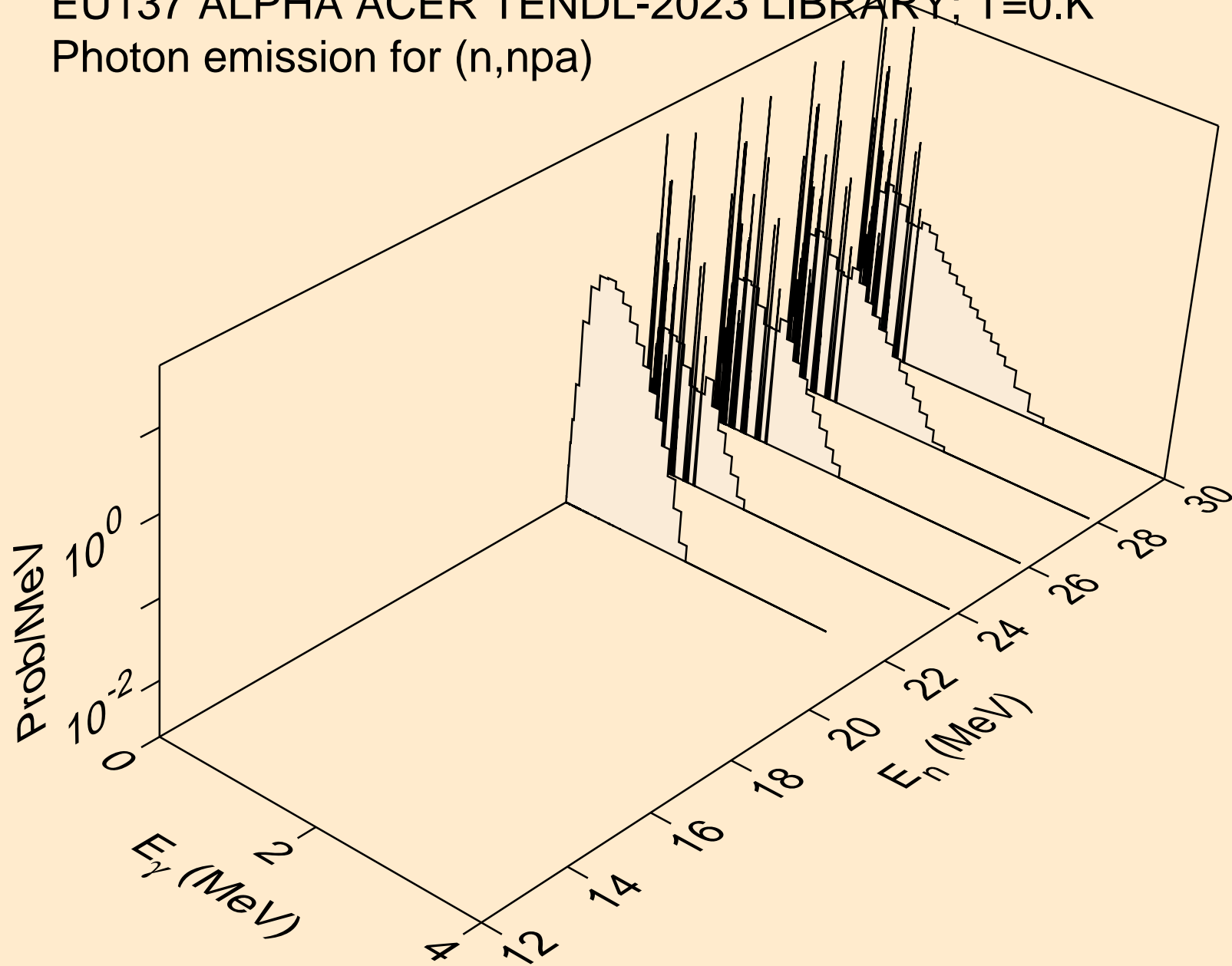
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

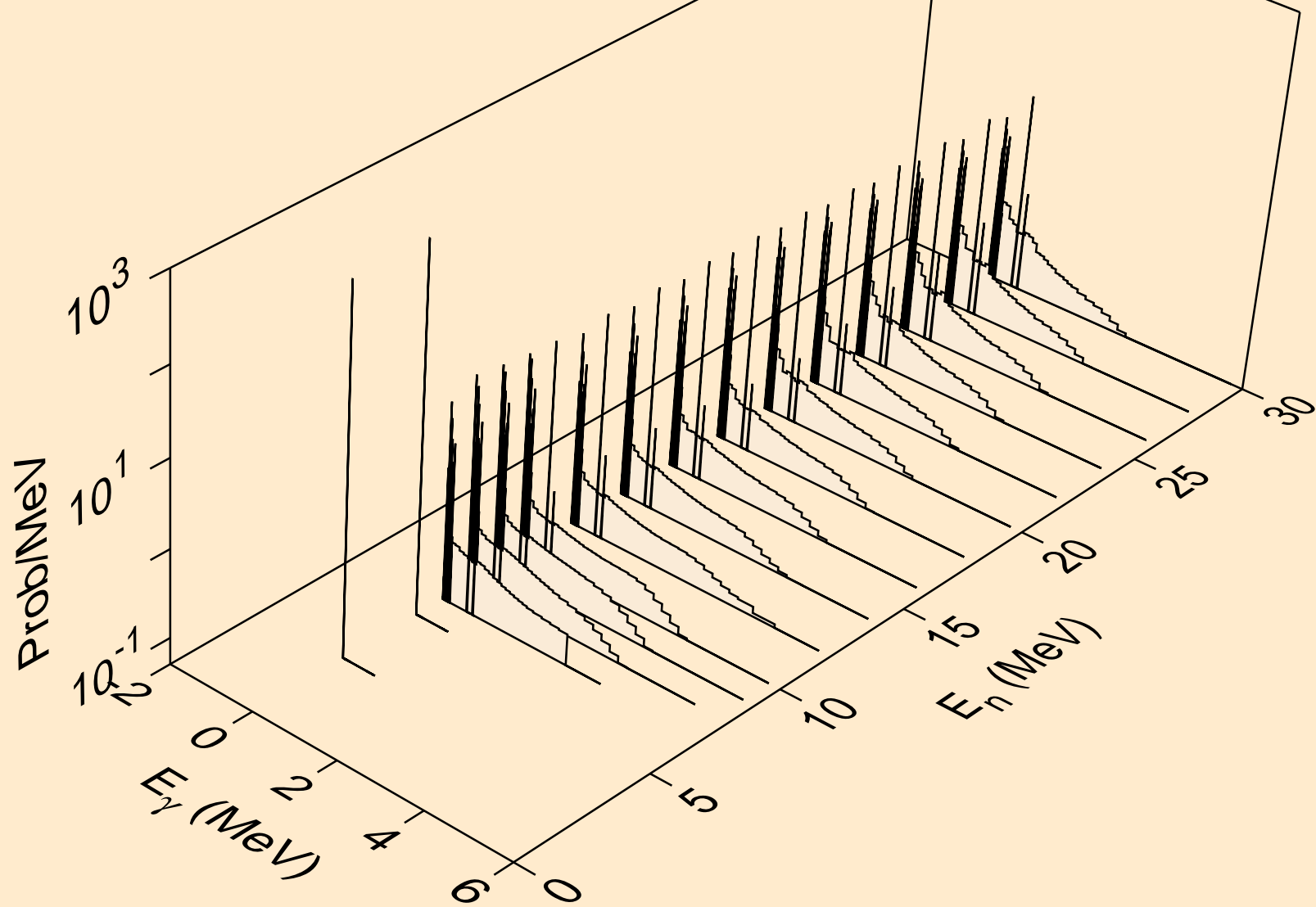


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

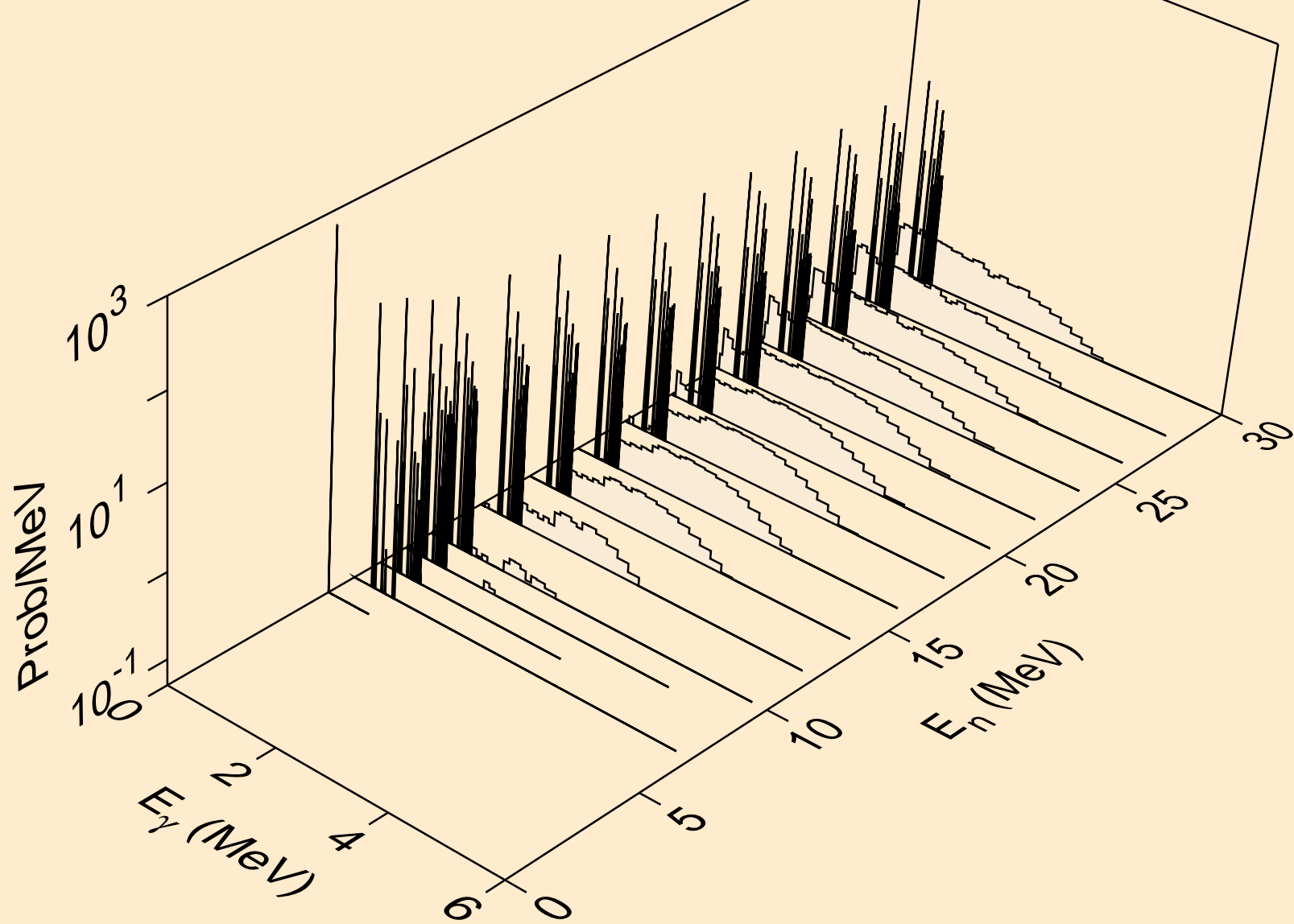




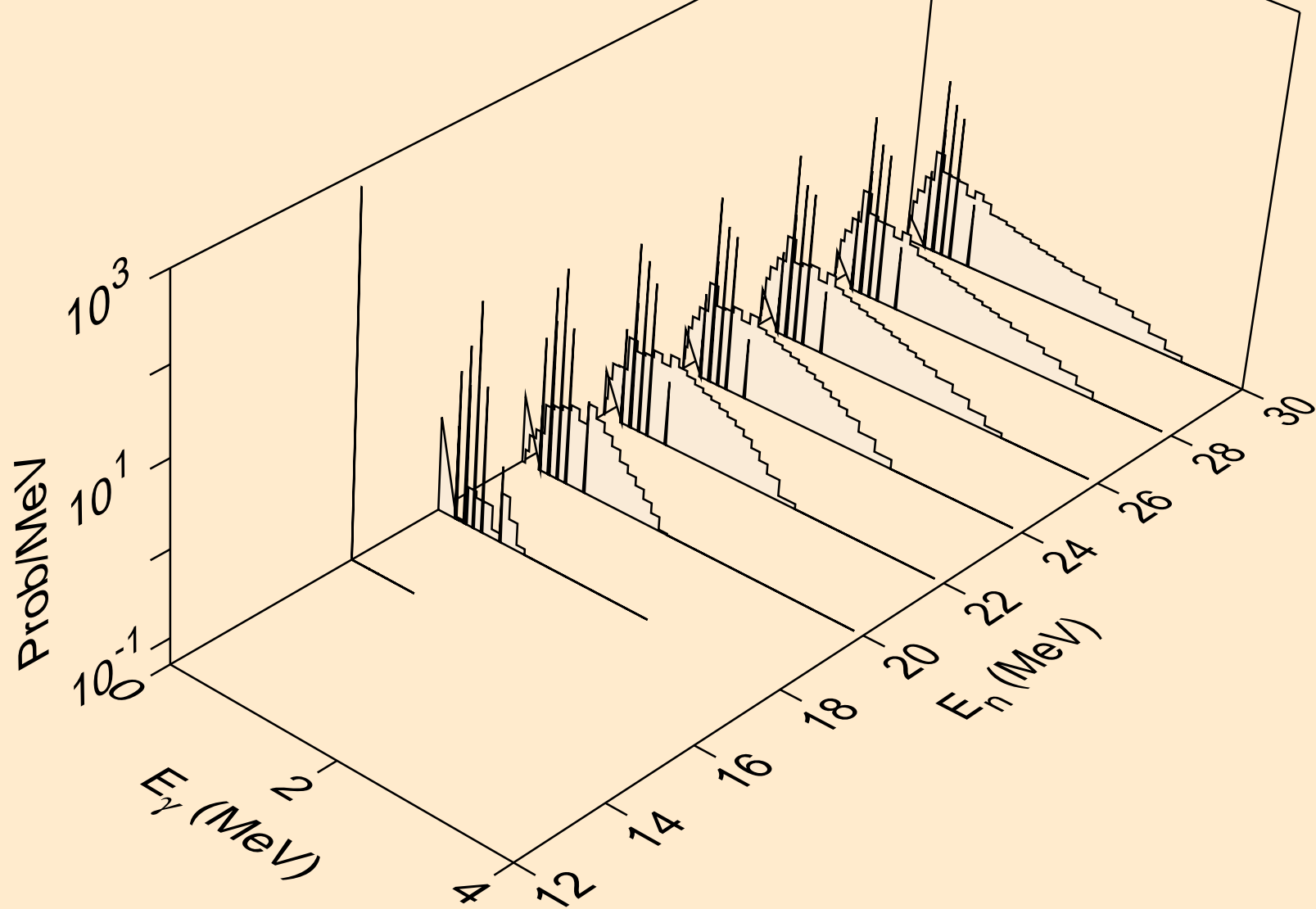
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Photon emission for (n,gma)



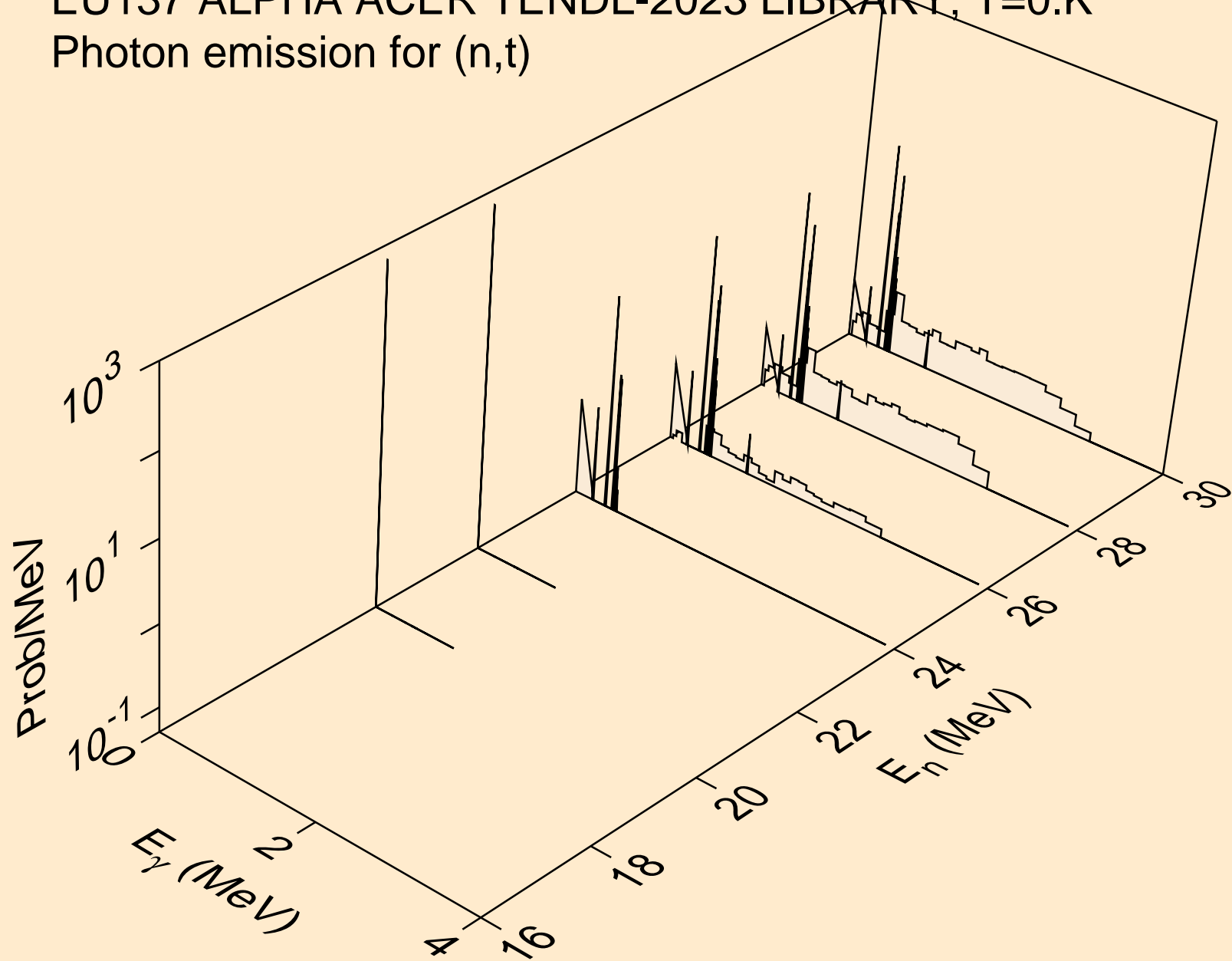
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Photon emission for (n,p)



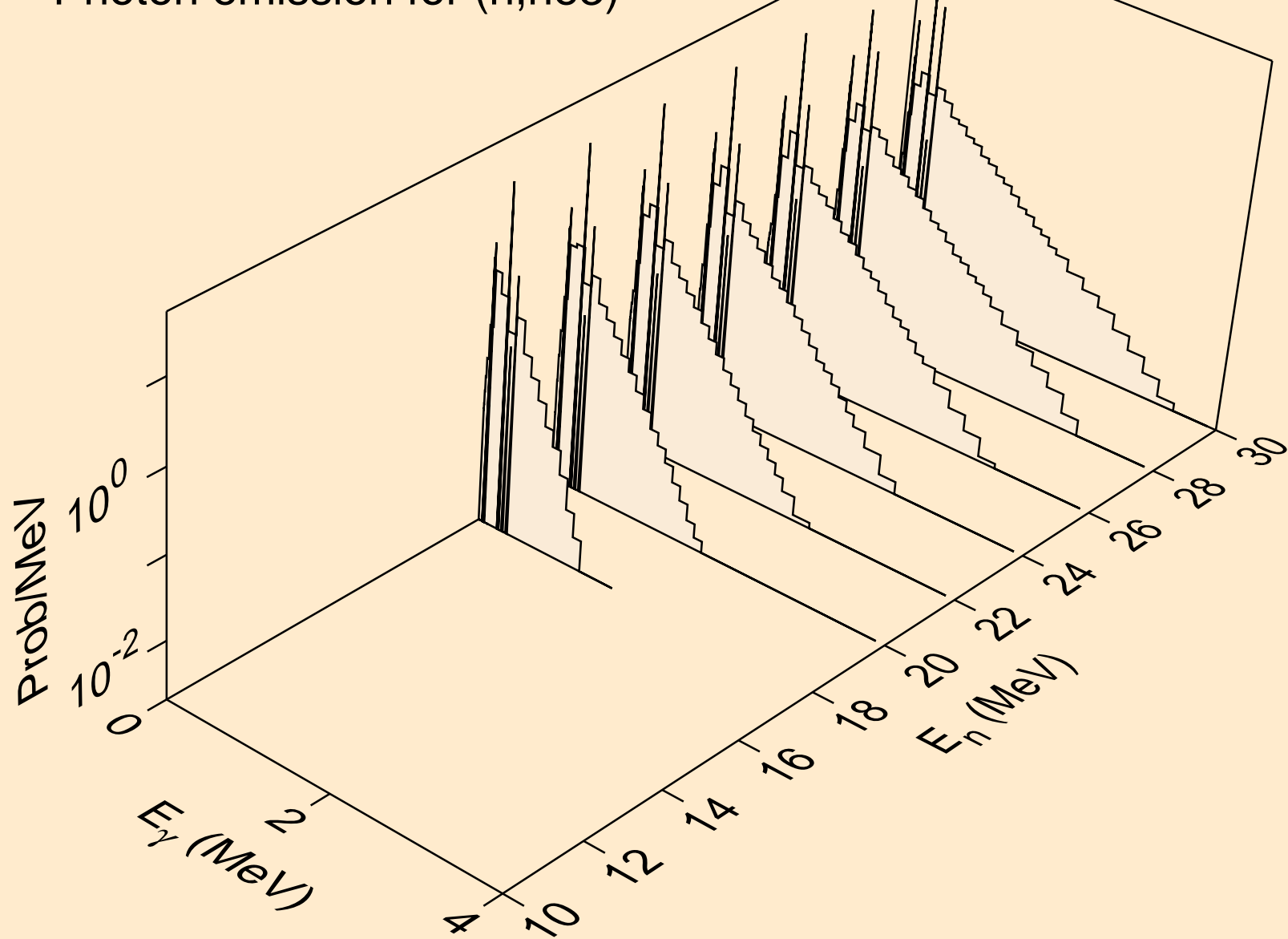
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Photon emission for (n,d)



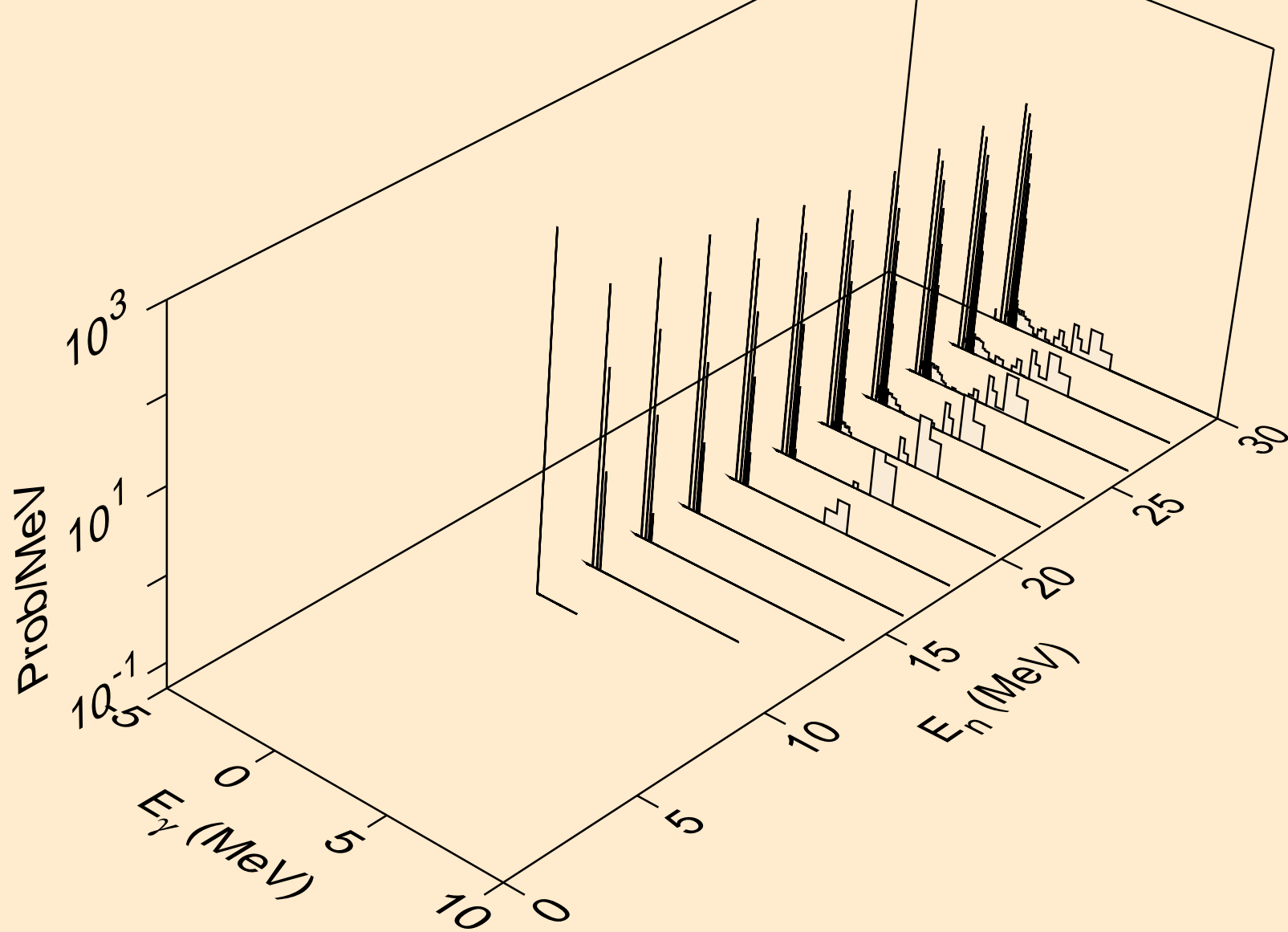
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



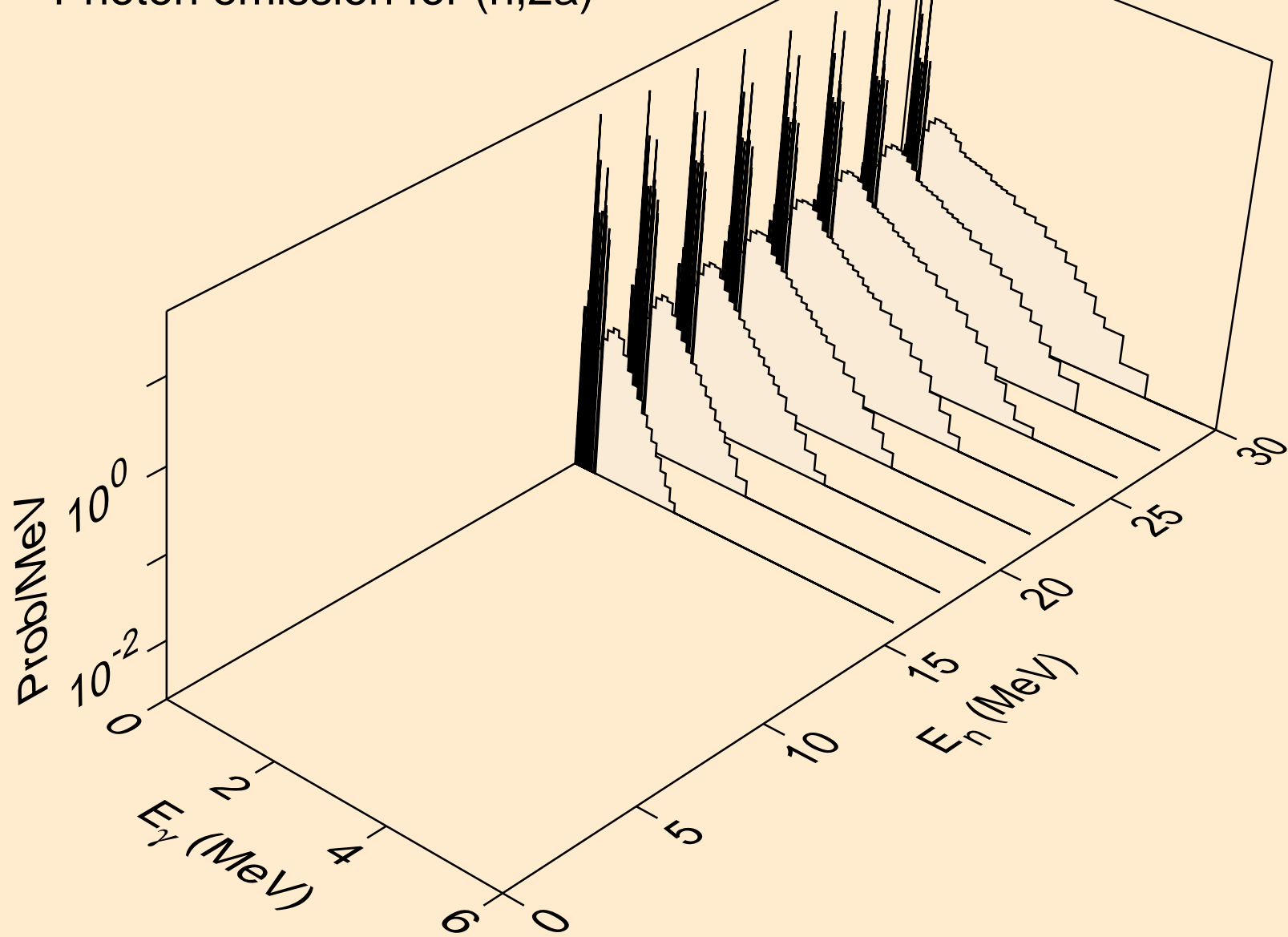
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Photon emission for (n,he3)



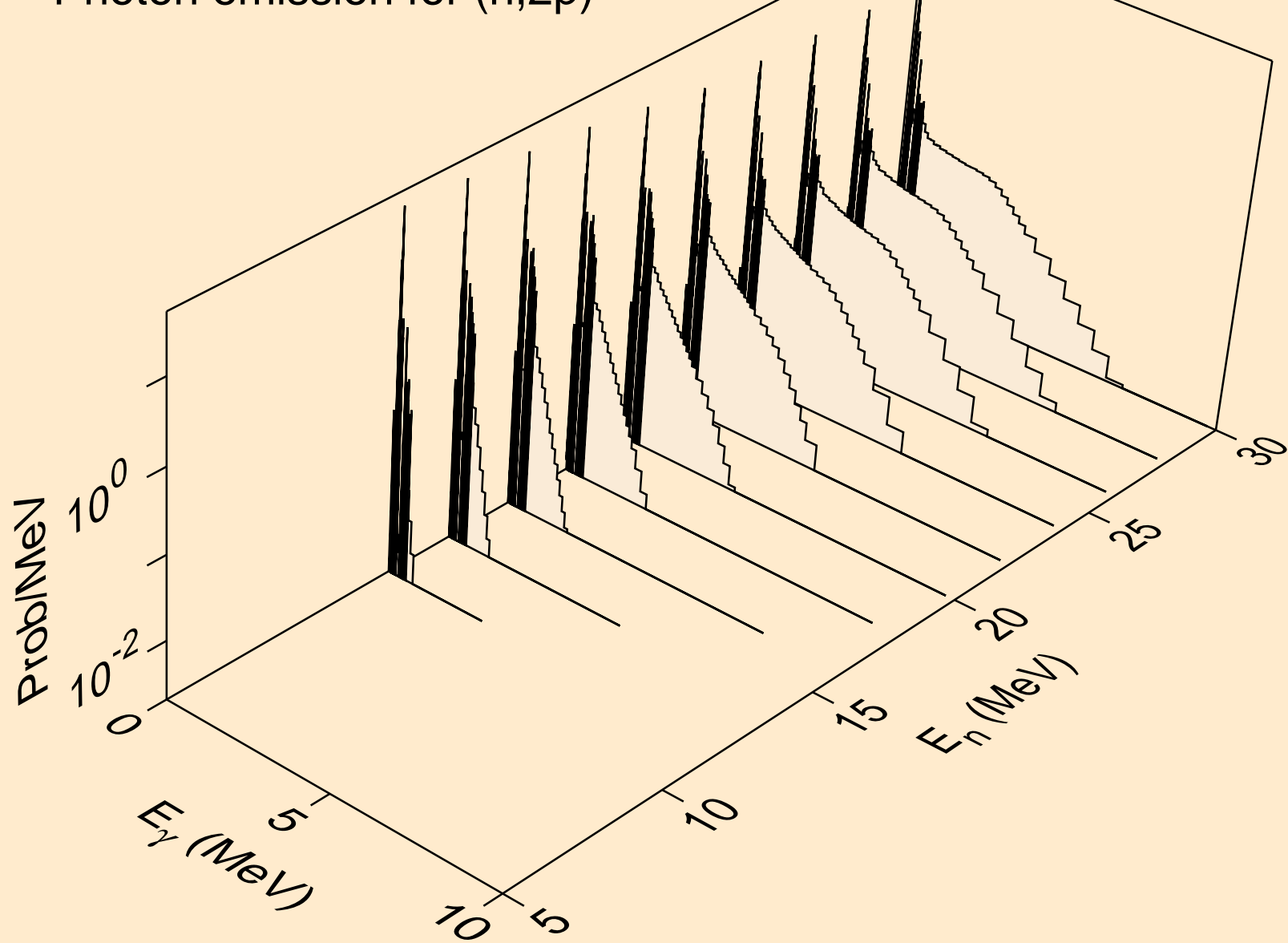
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

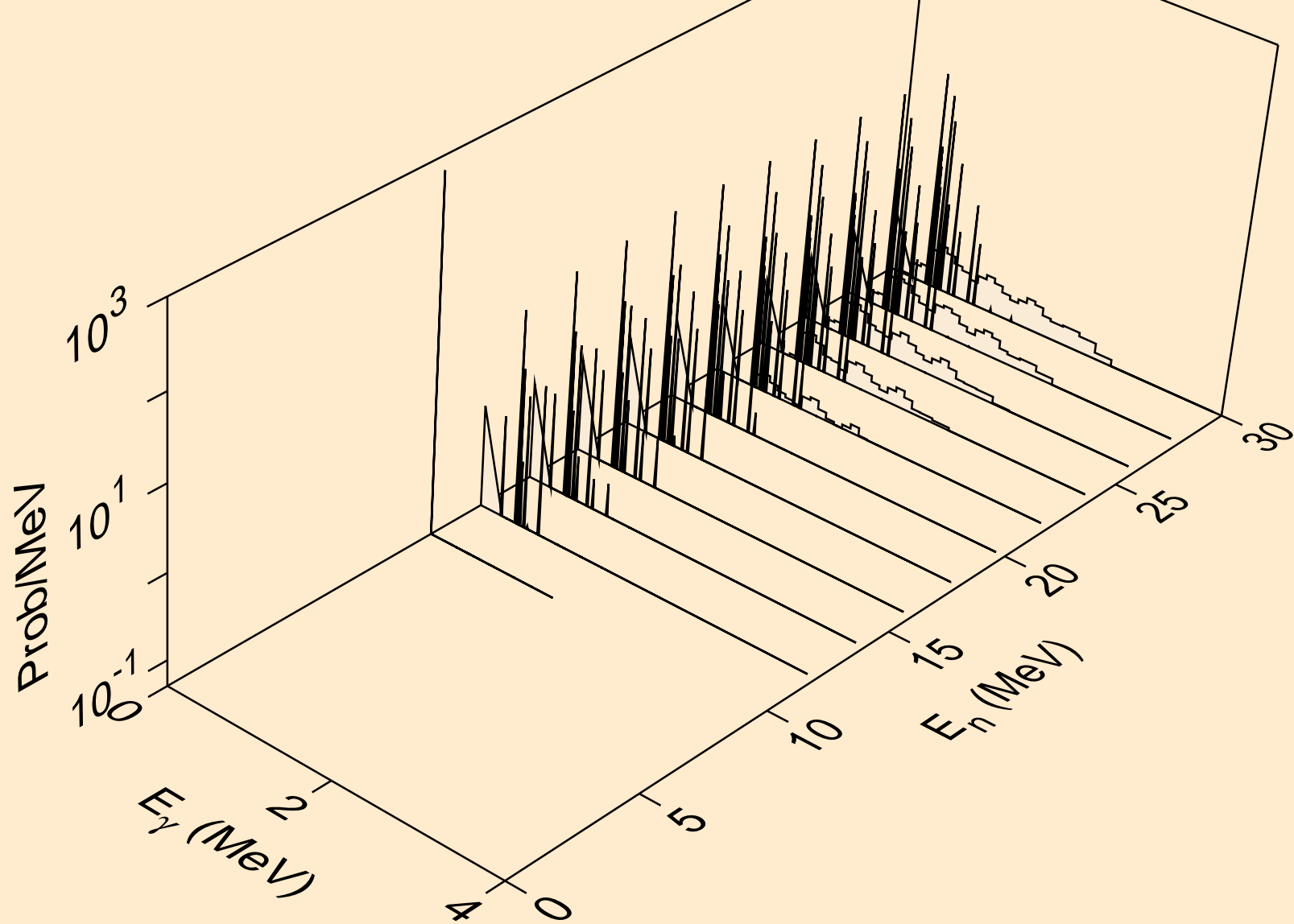


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

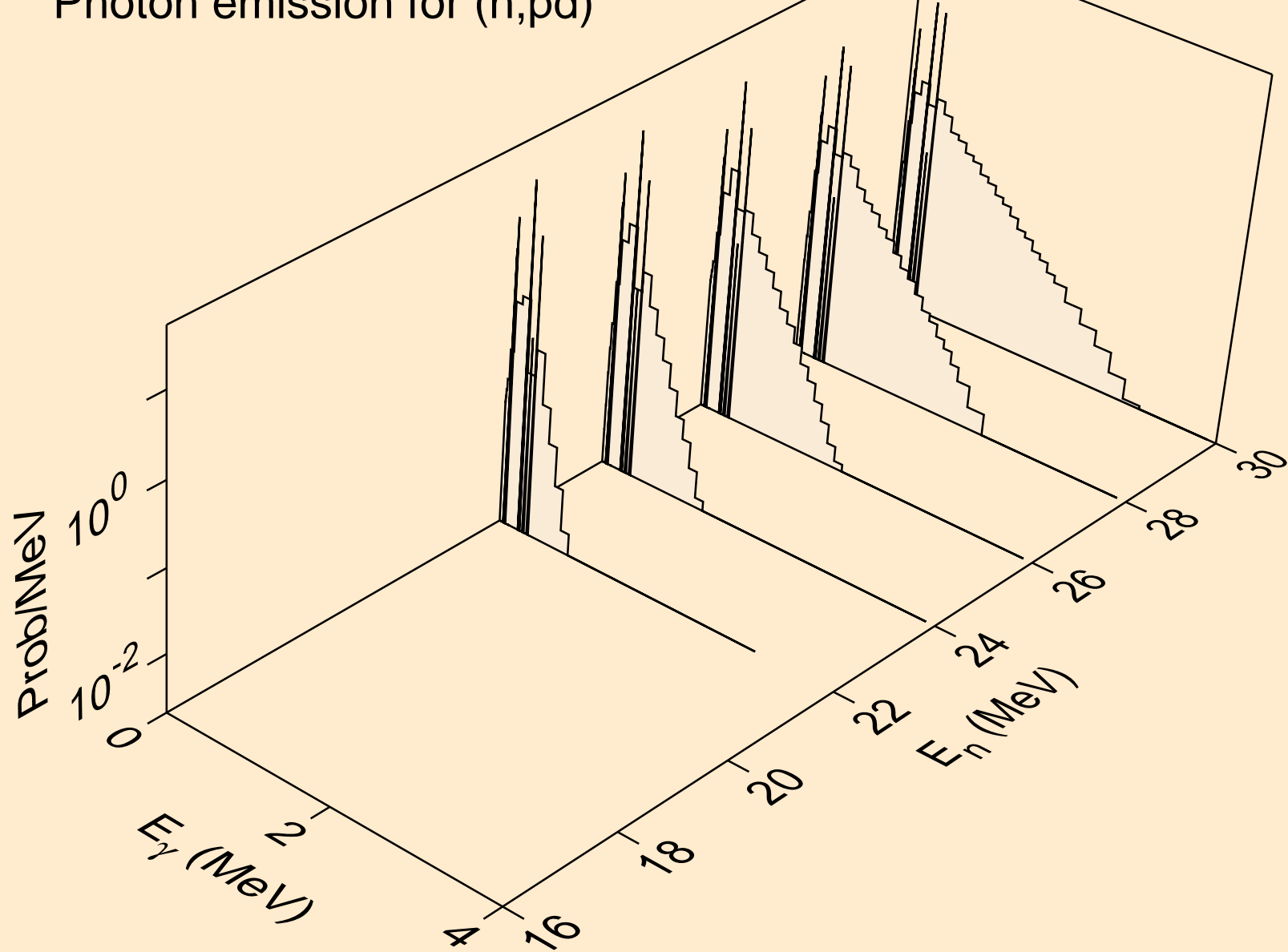




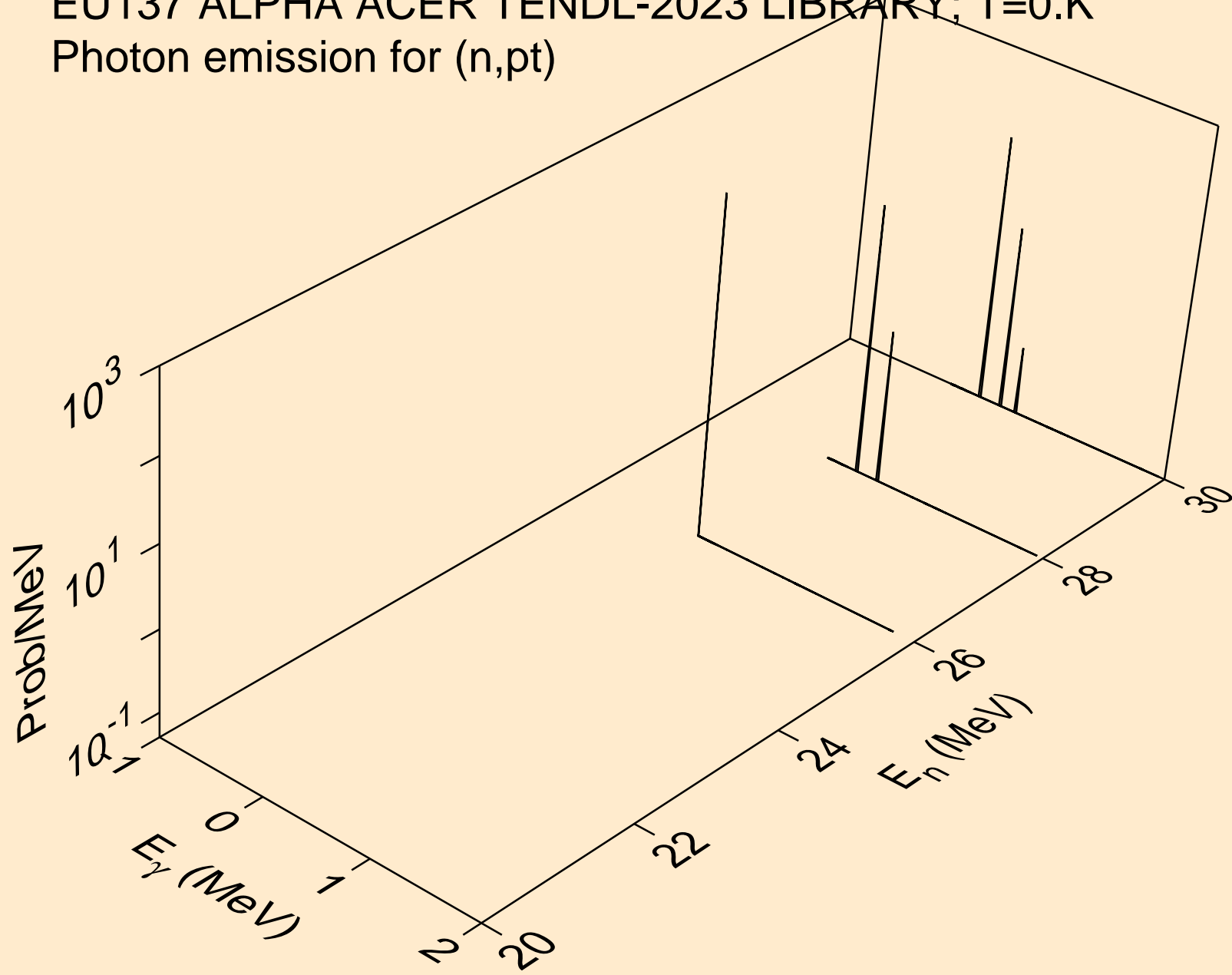
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Photon emission for (n,pa)



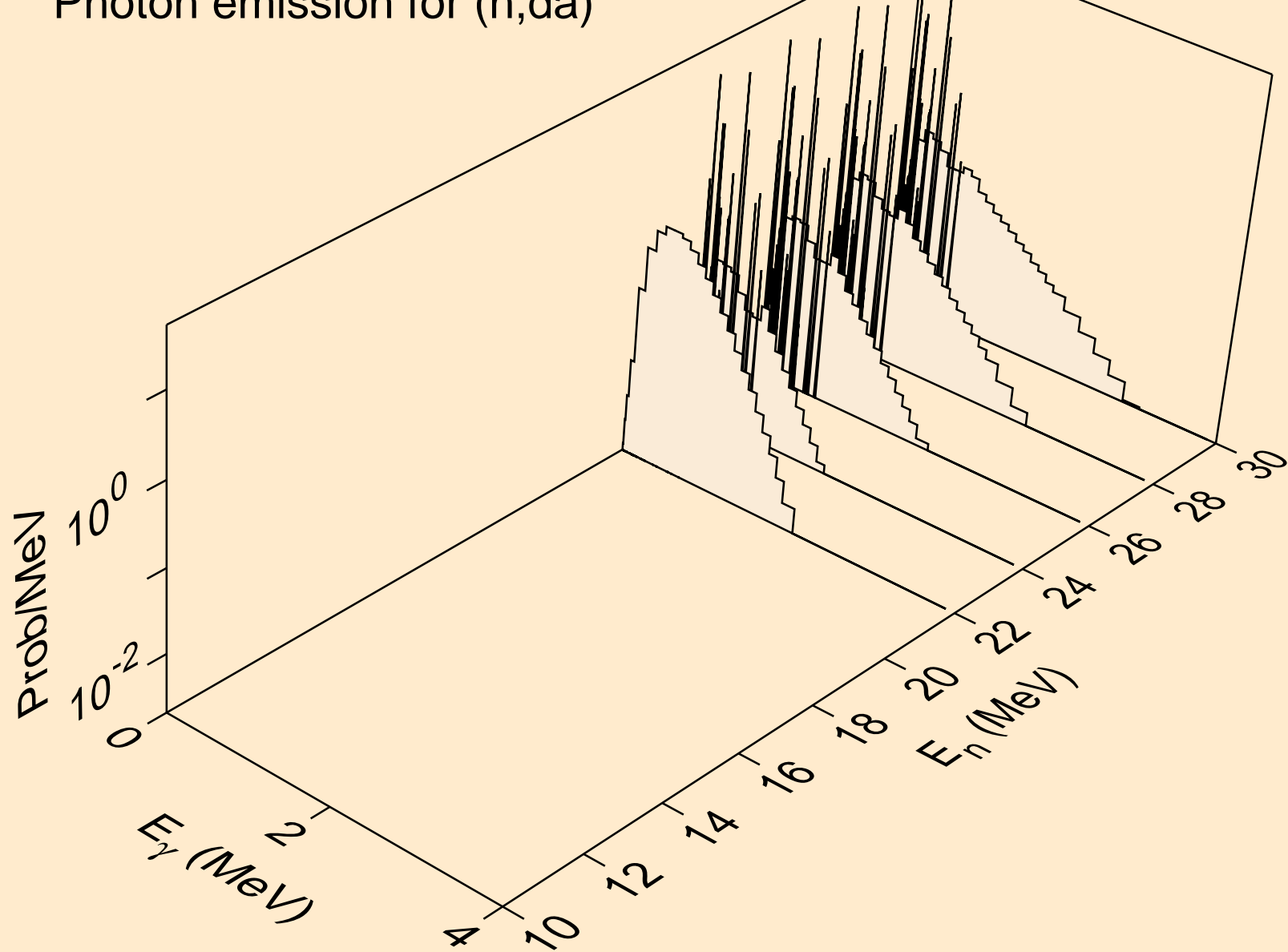
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

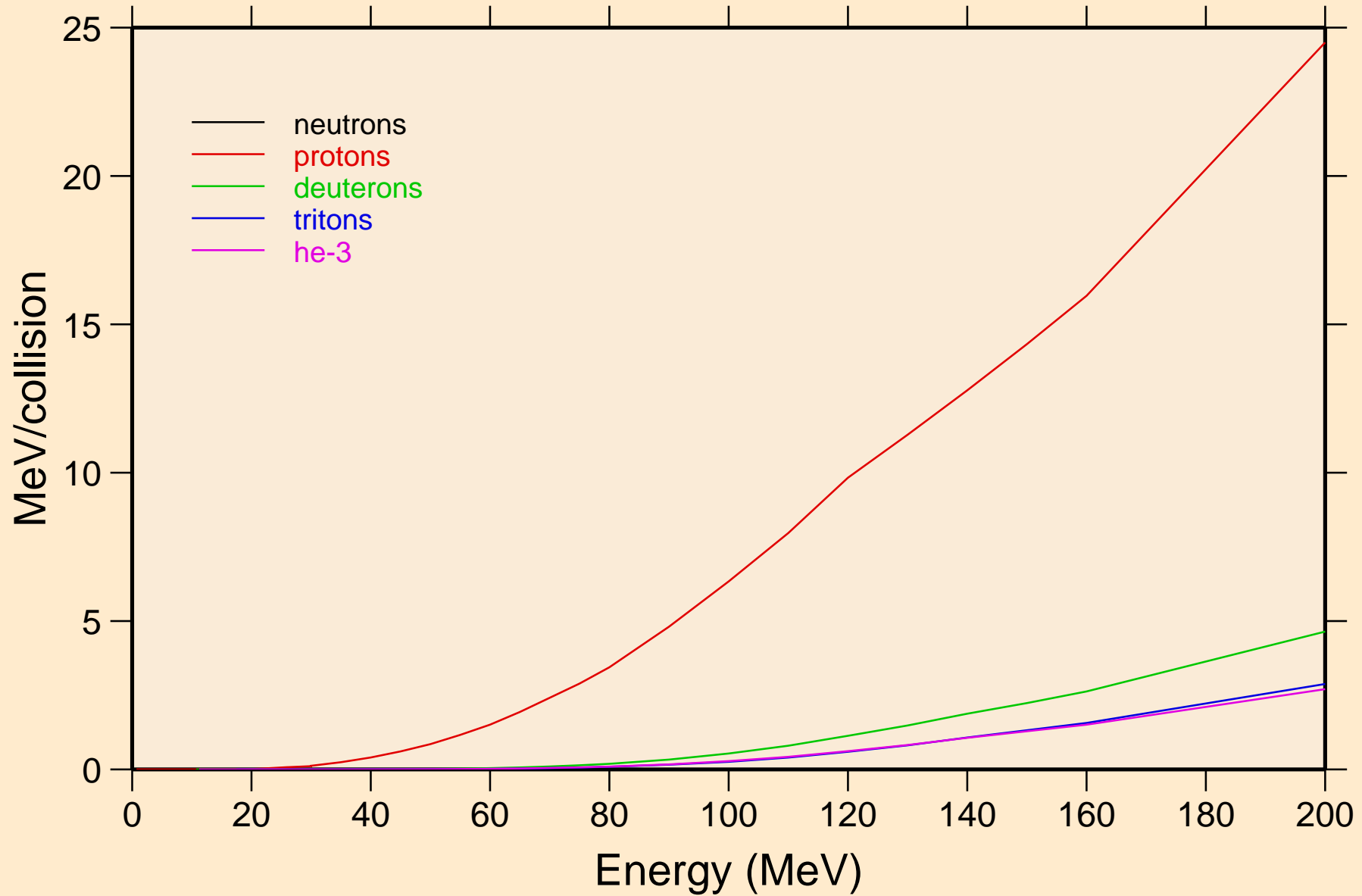


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

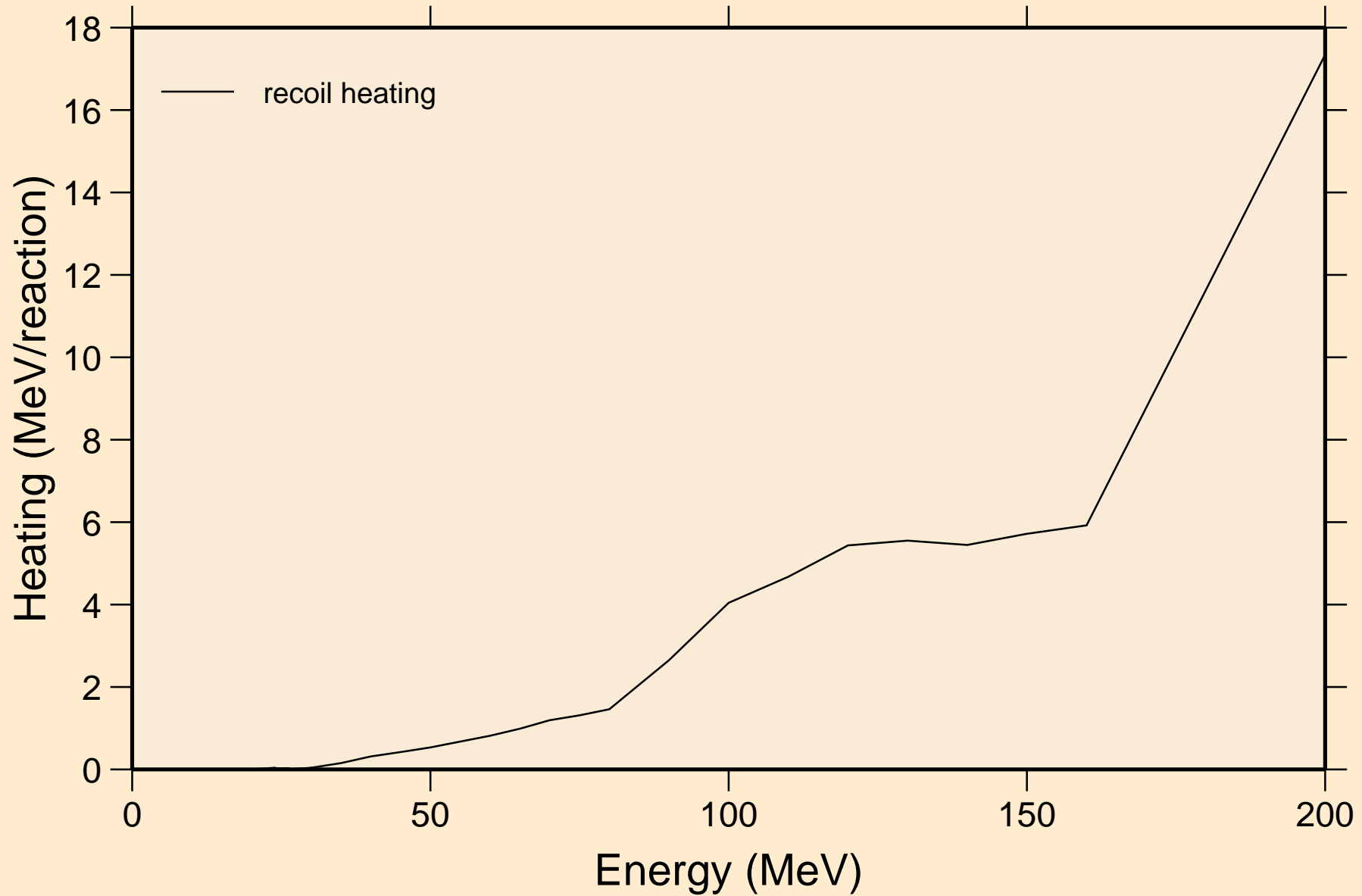


# EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

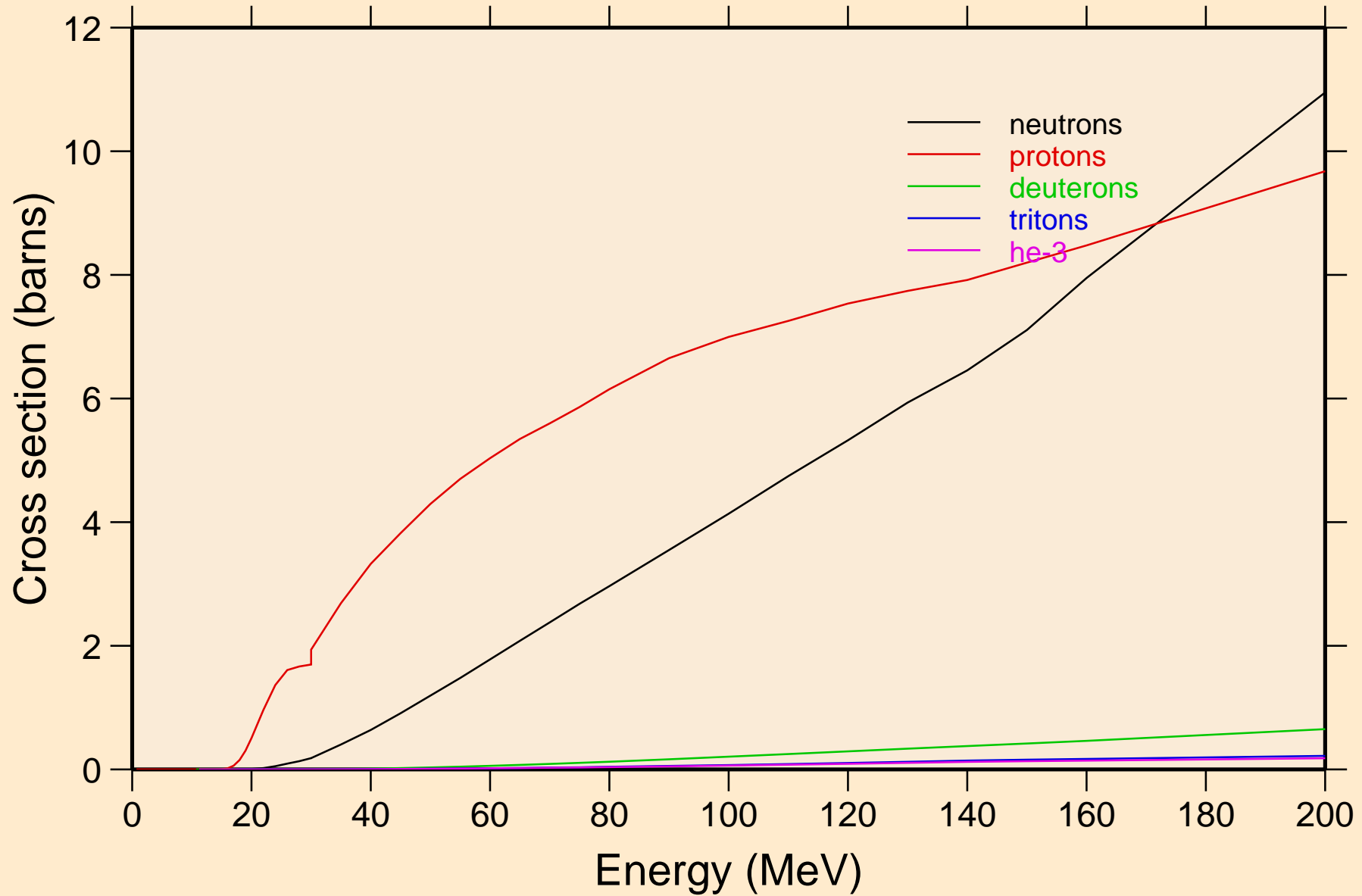
## Particle heating contributions



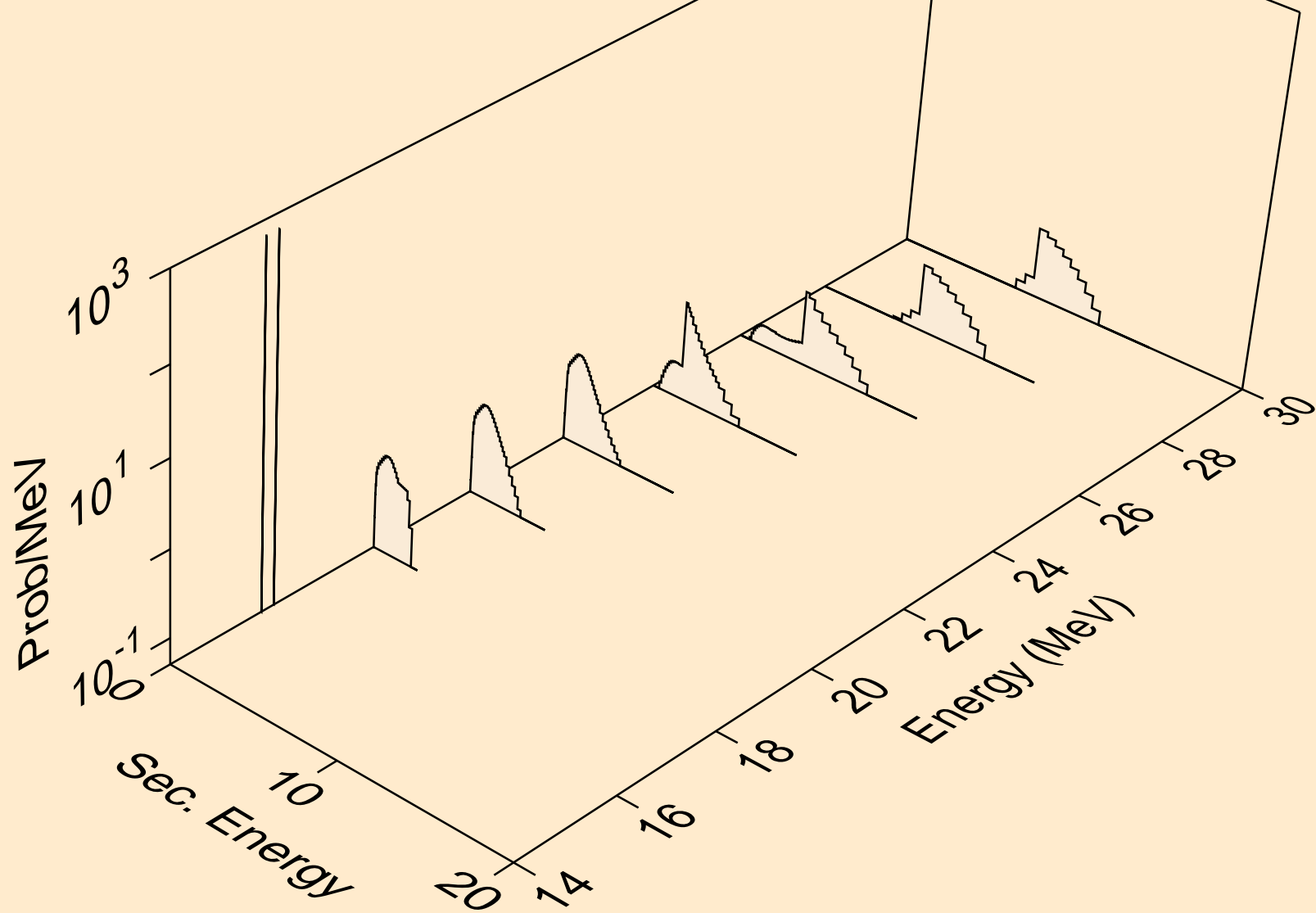
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

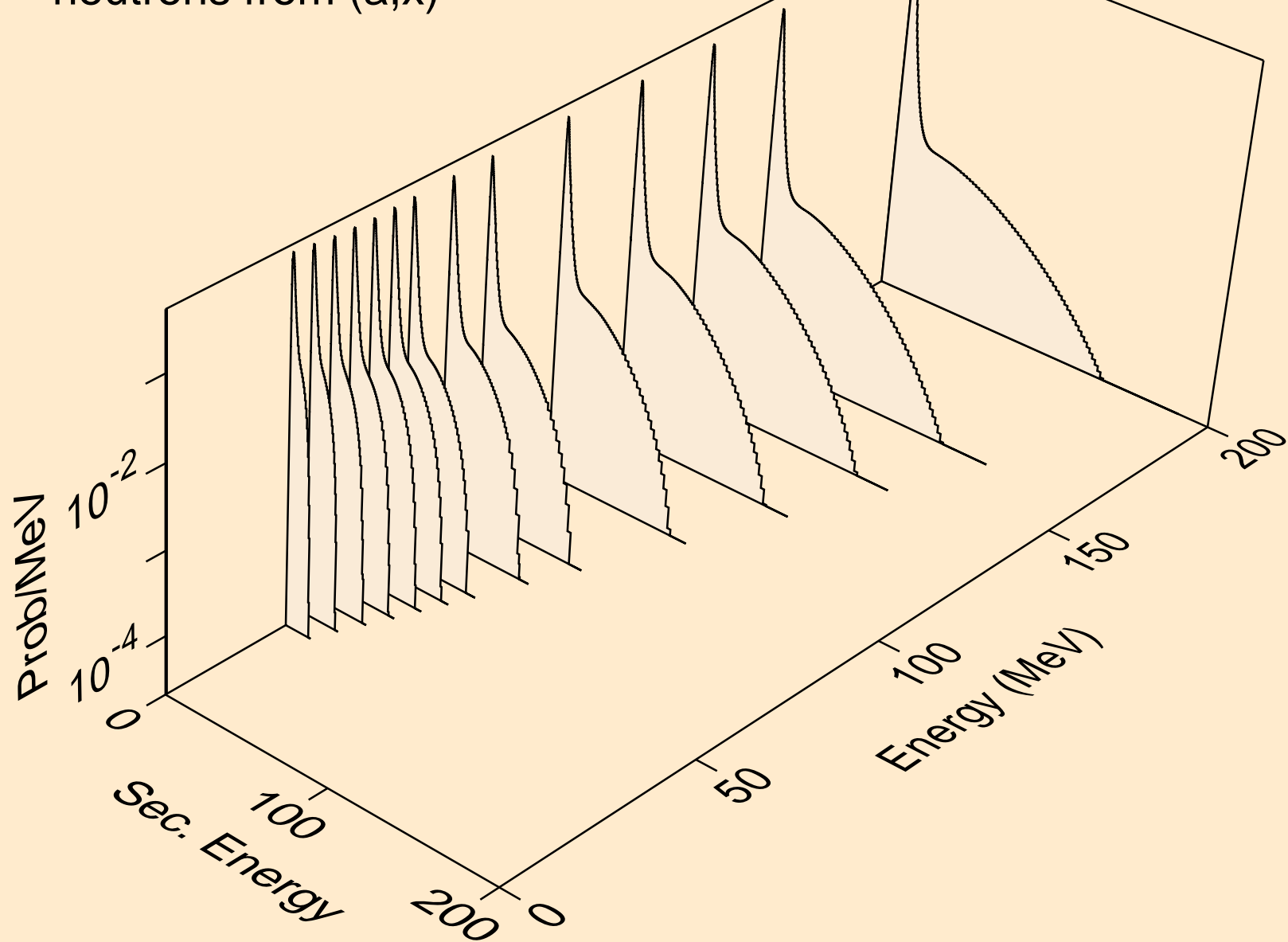


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

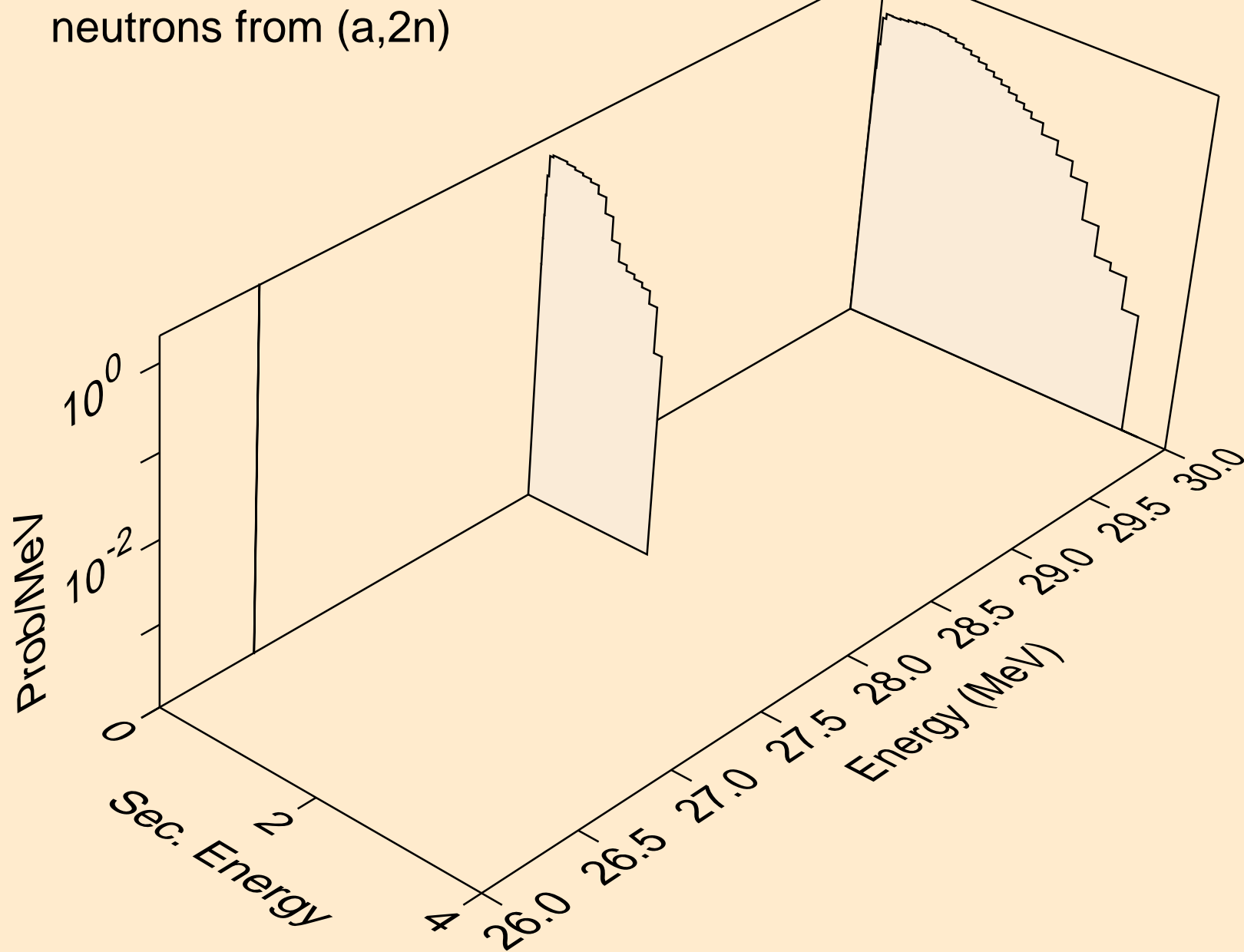




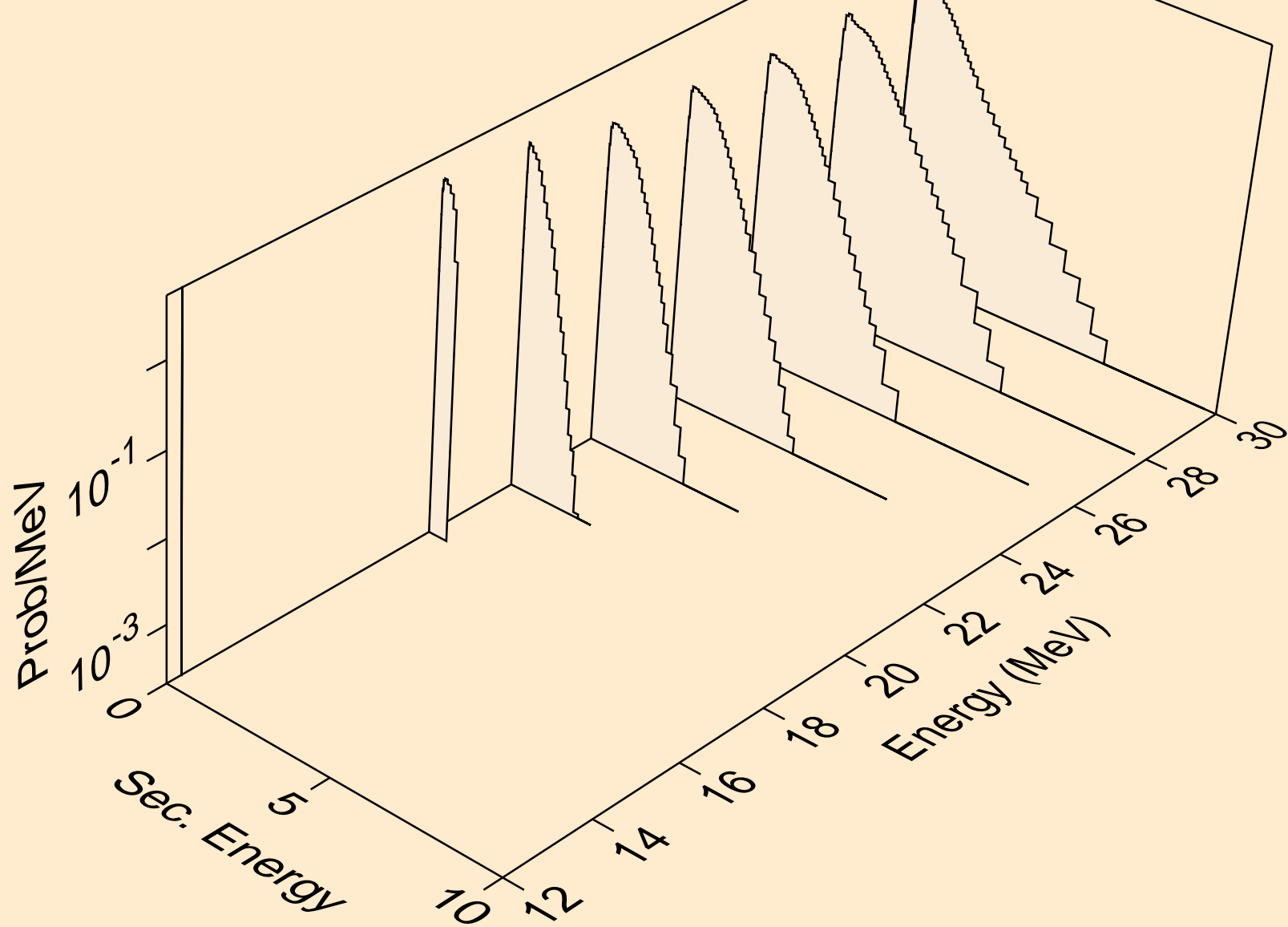
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



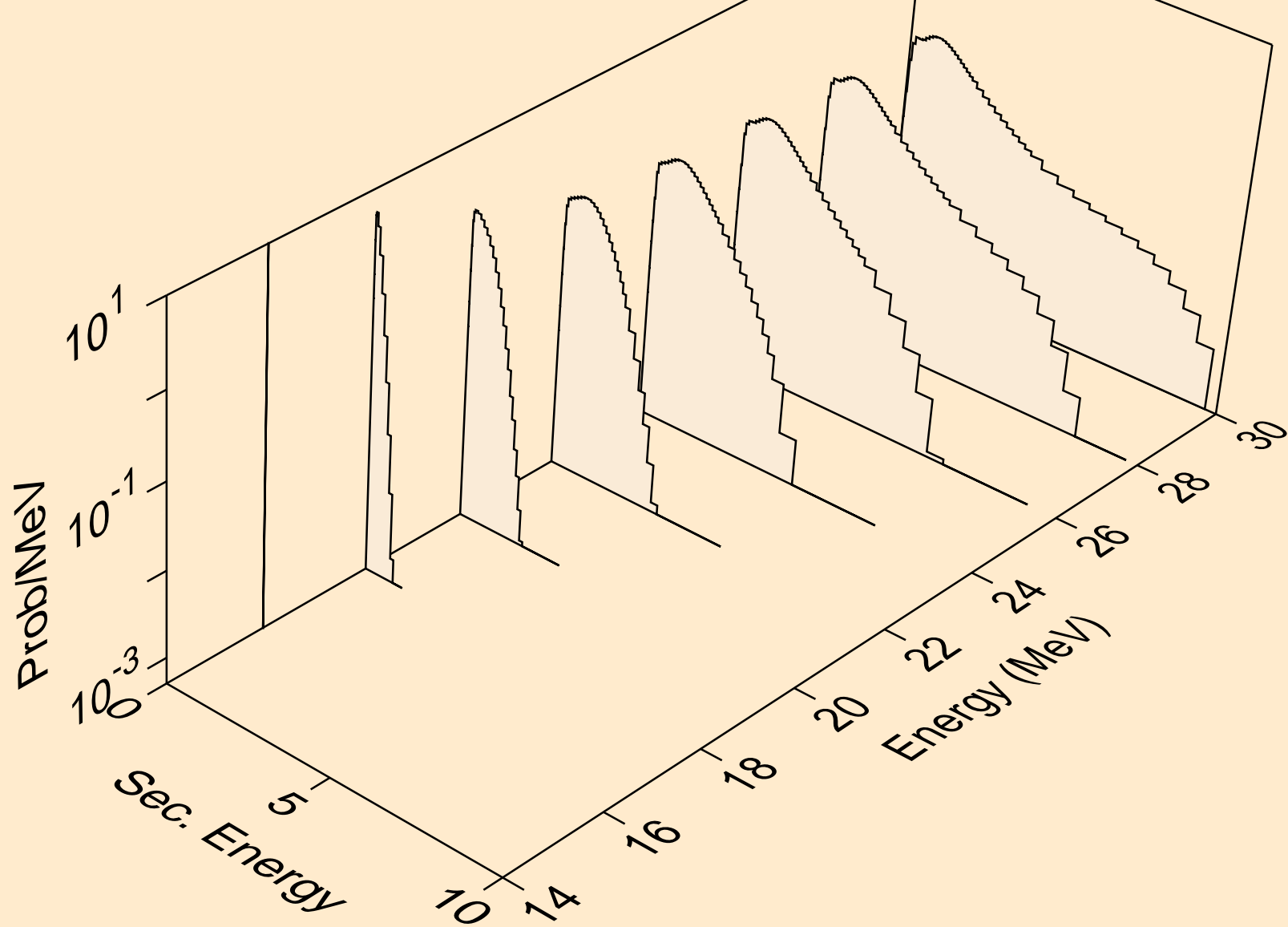
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neutrons from (a,2n)



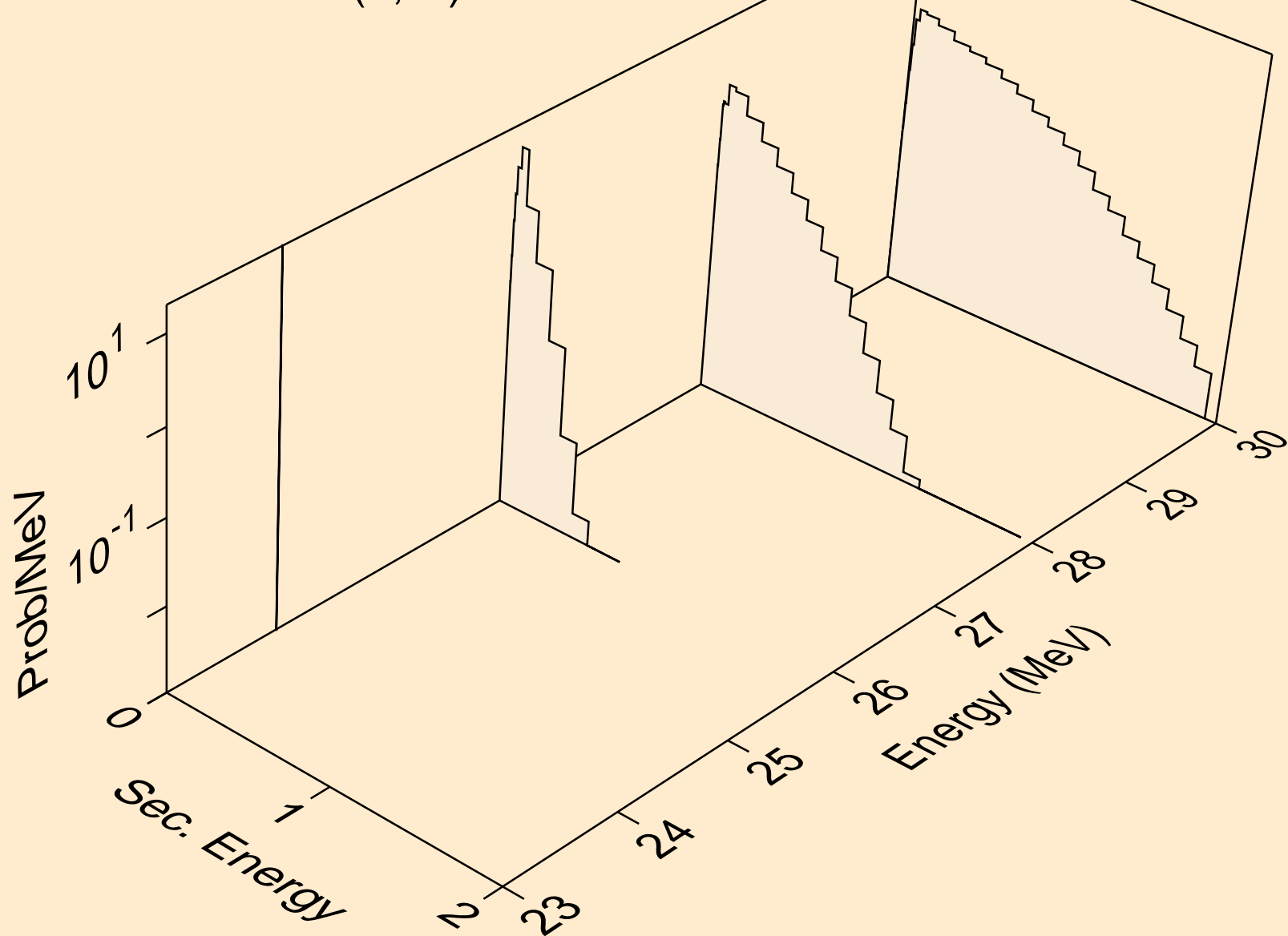
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



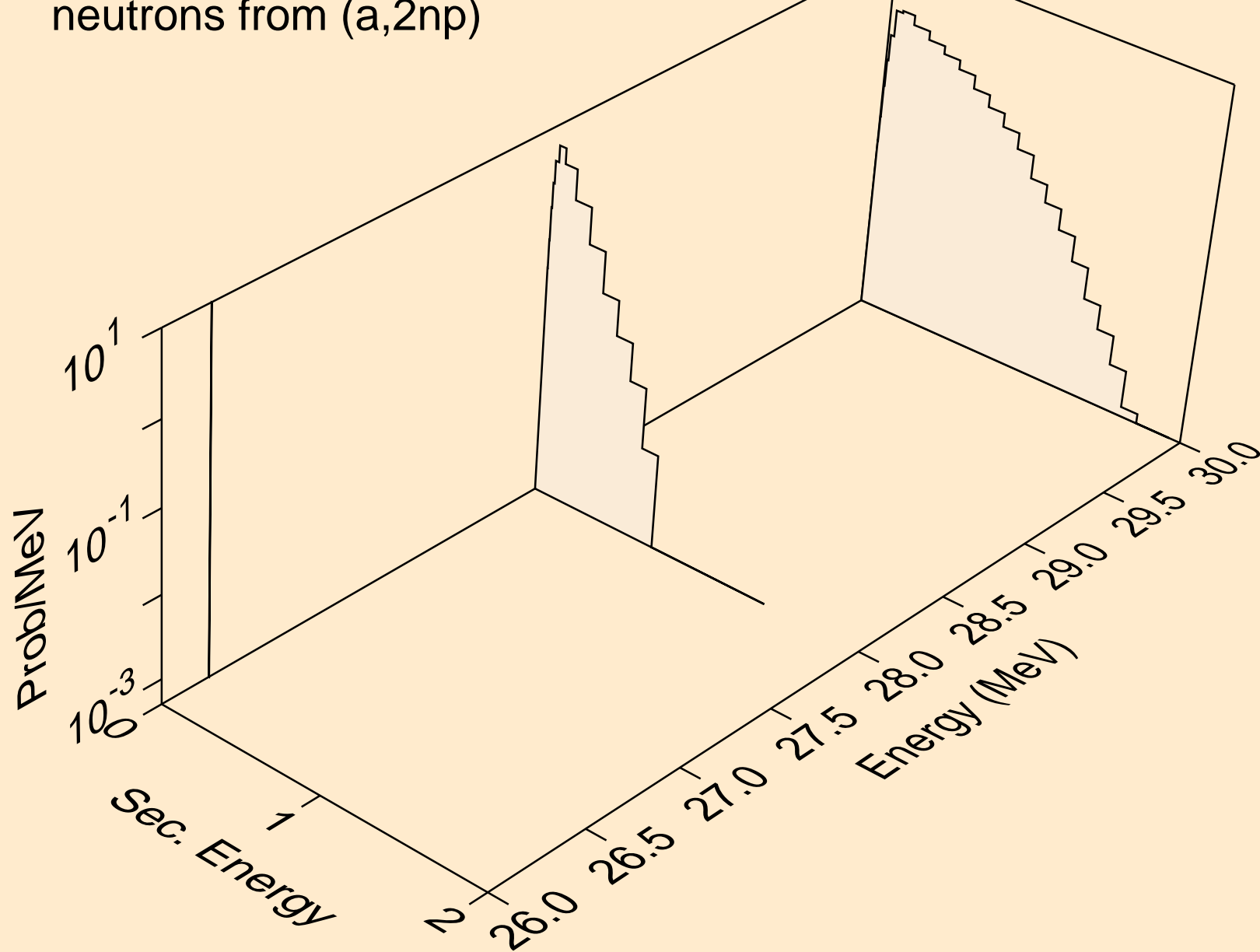
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neutrons from (a,n\*)p



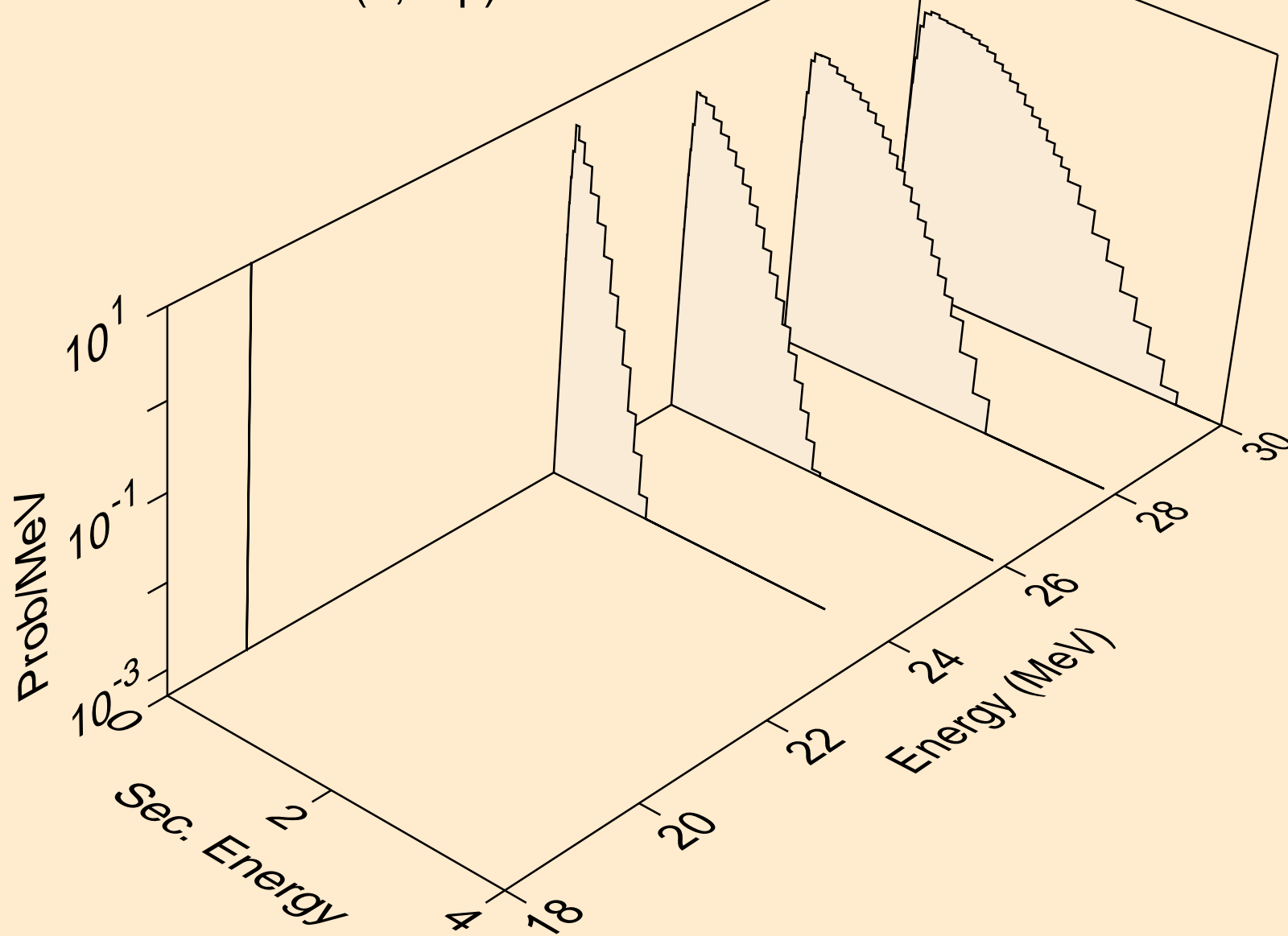
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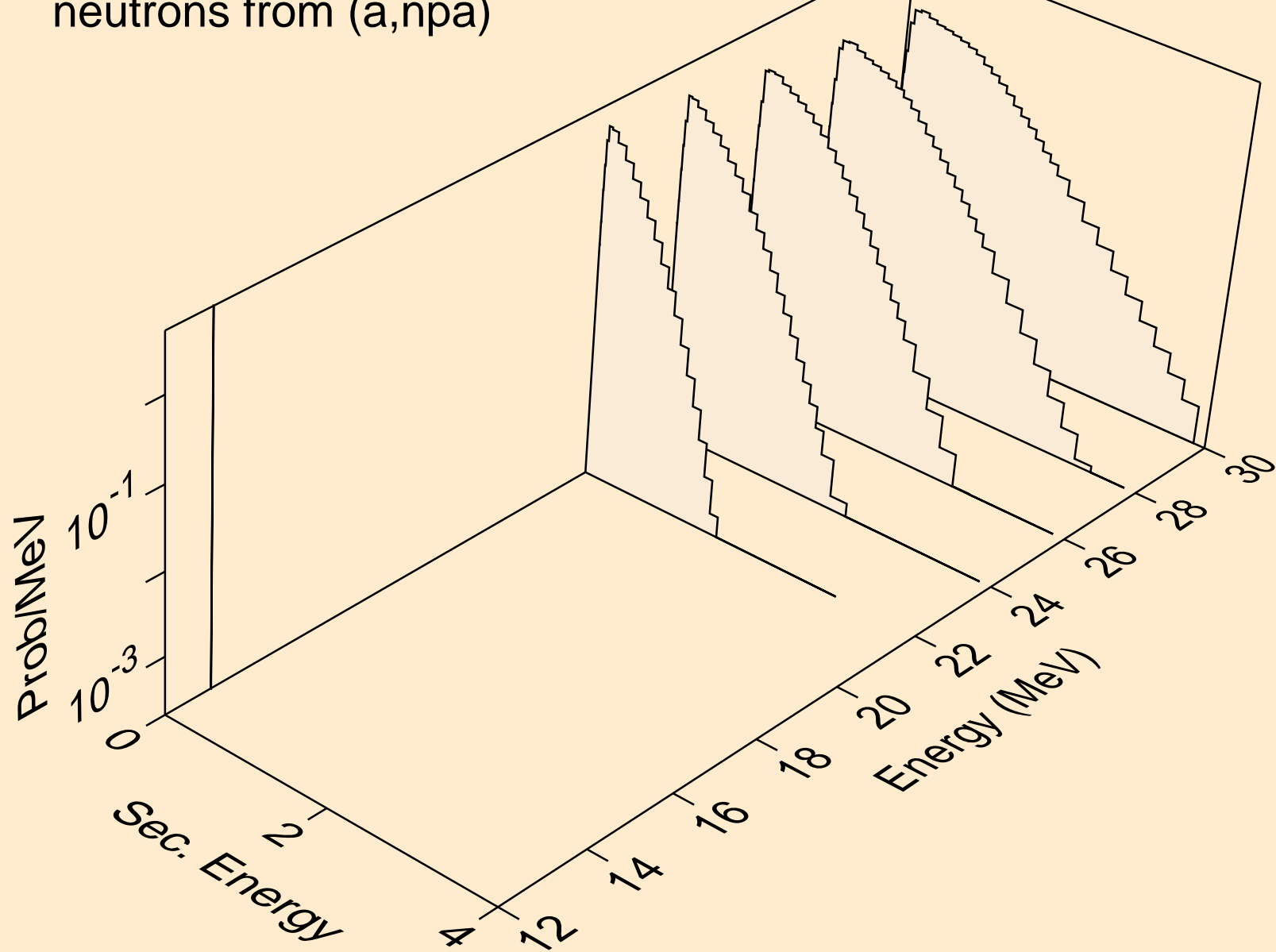
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

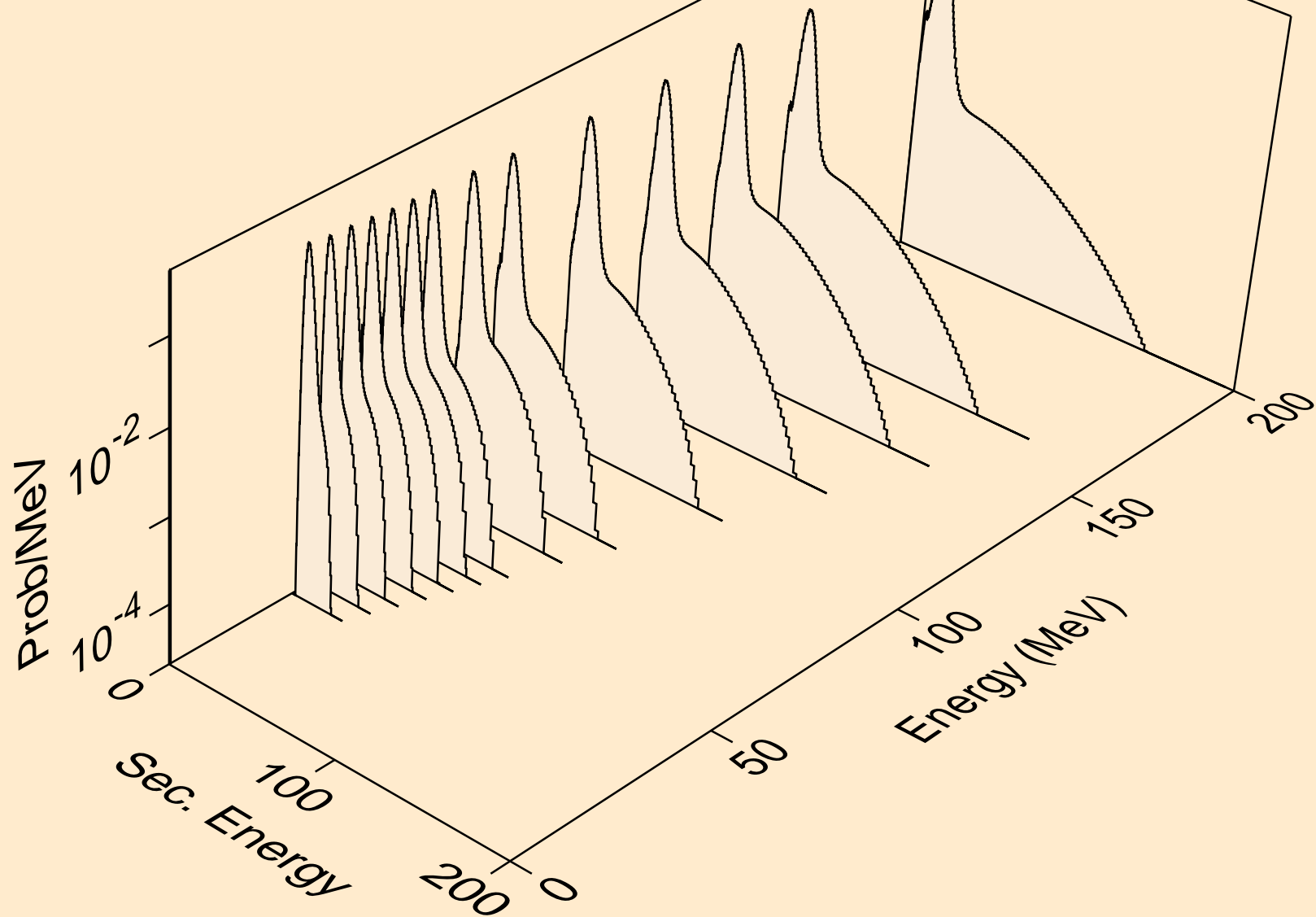


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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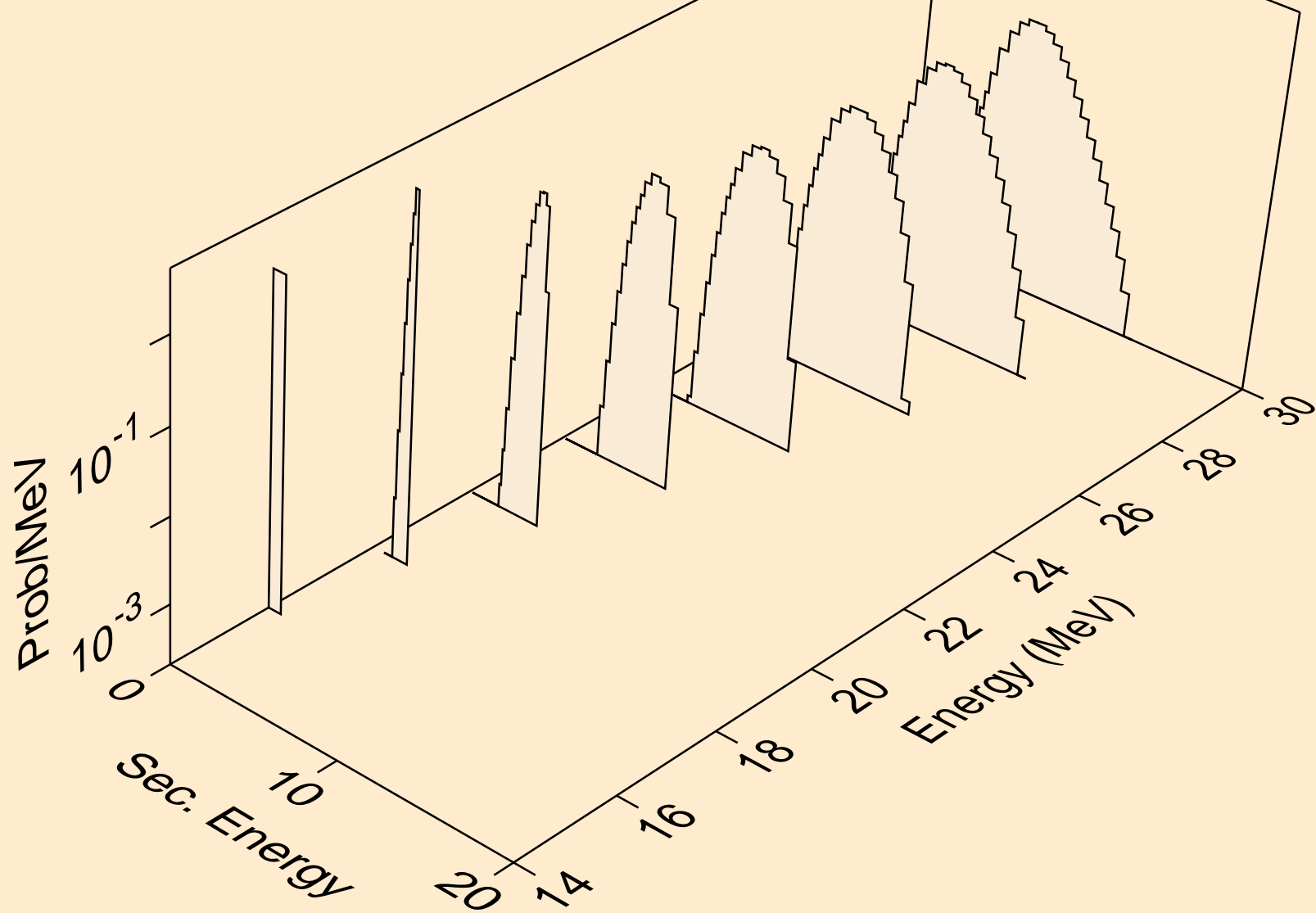




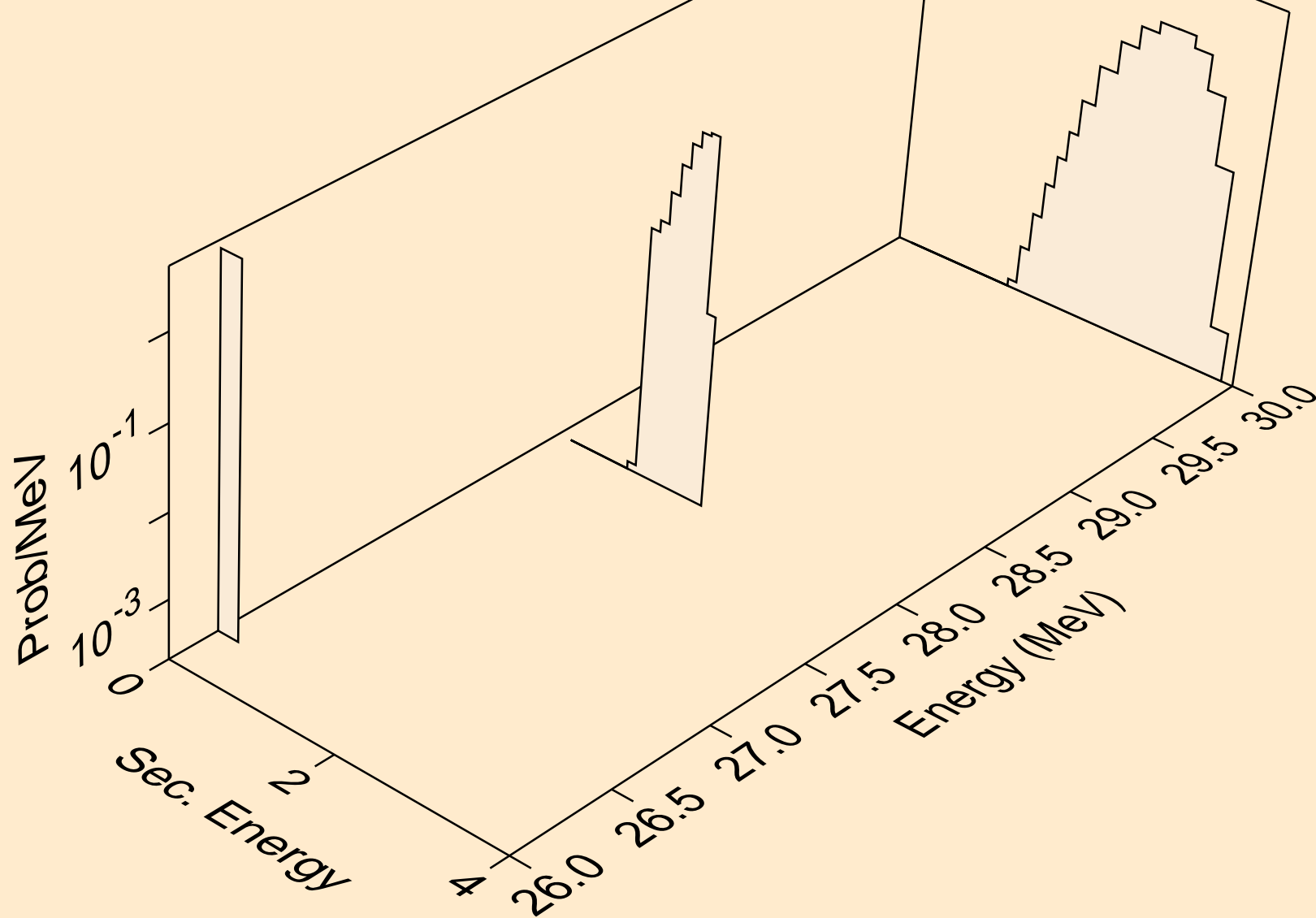
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protons from (a,x)



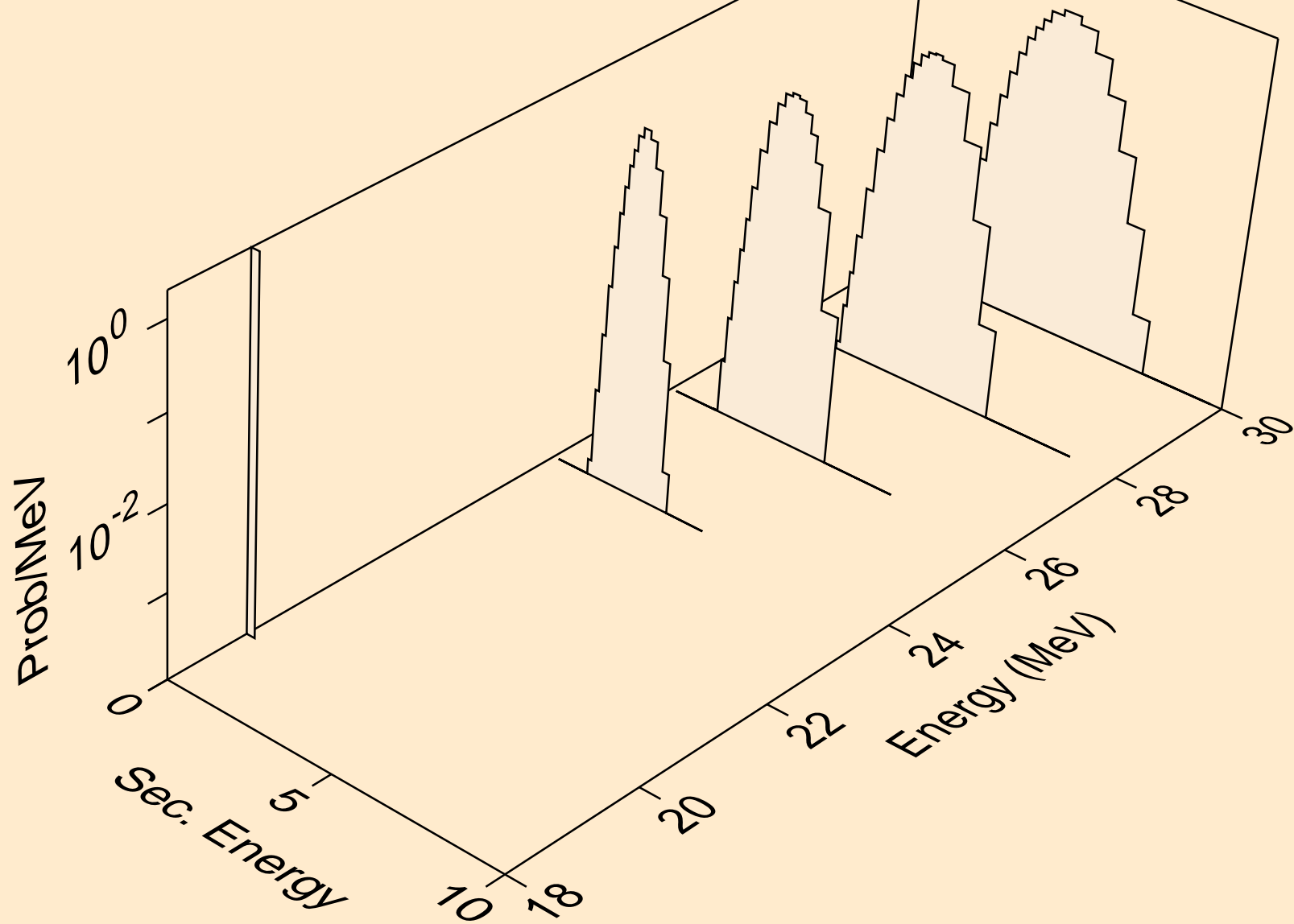
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protons from (a,n\*)p



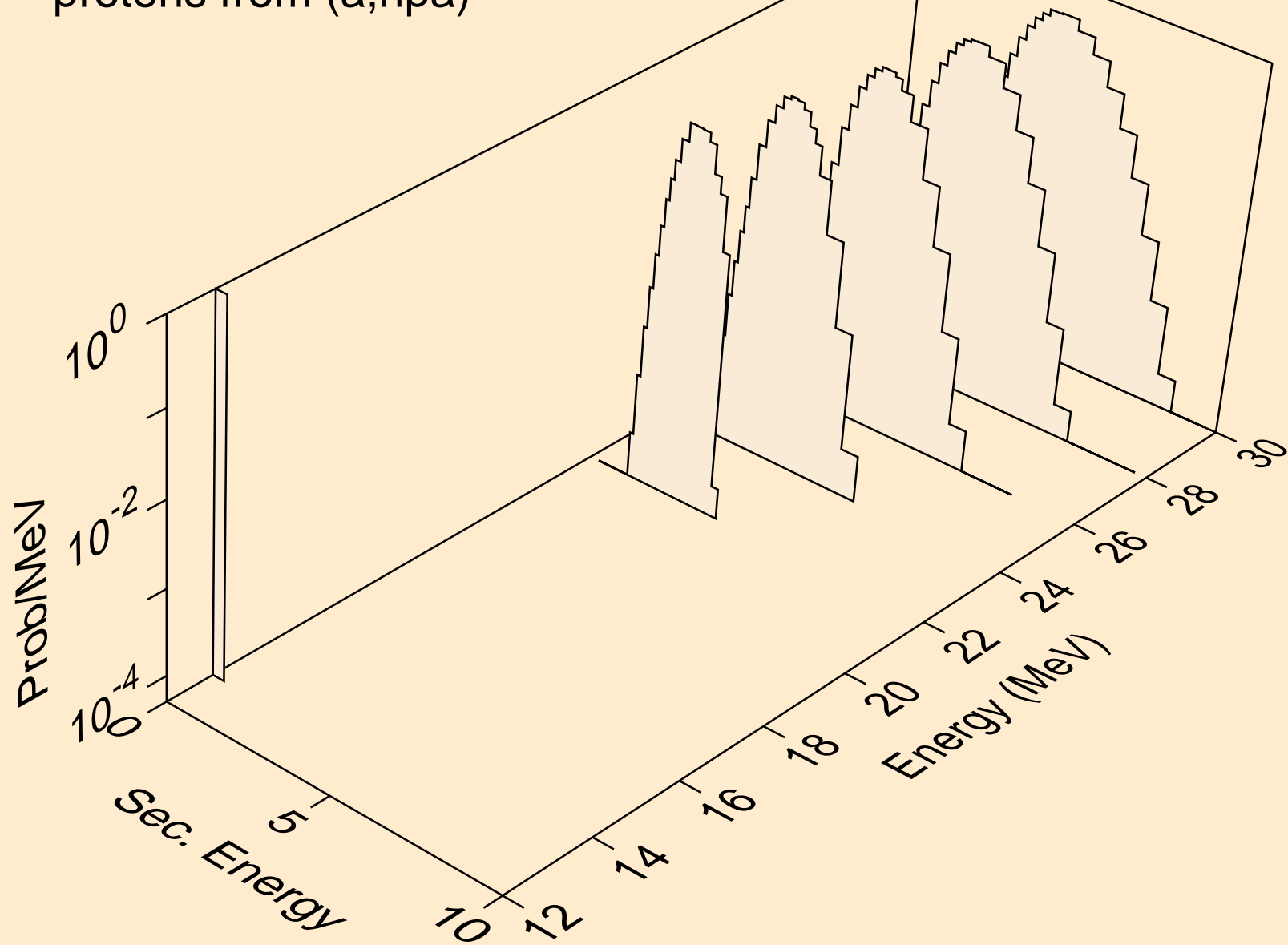
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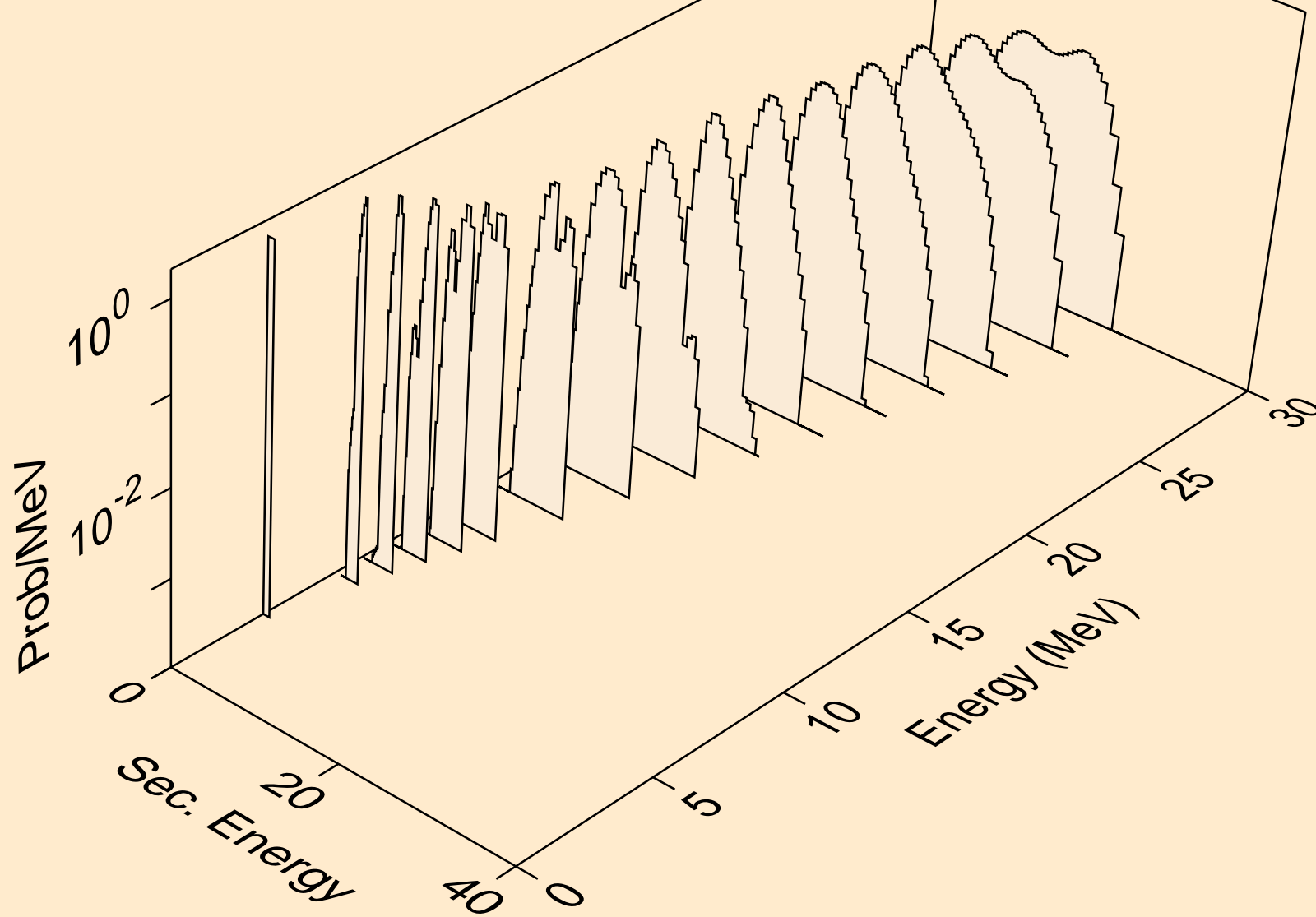
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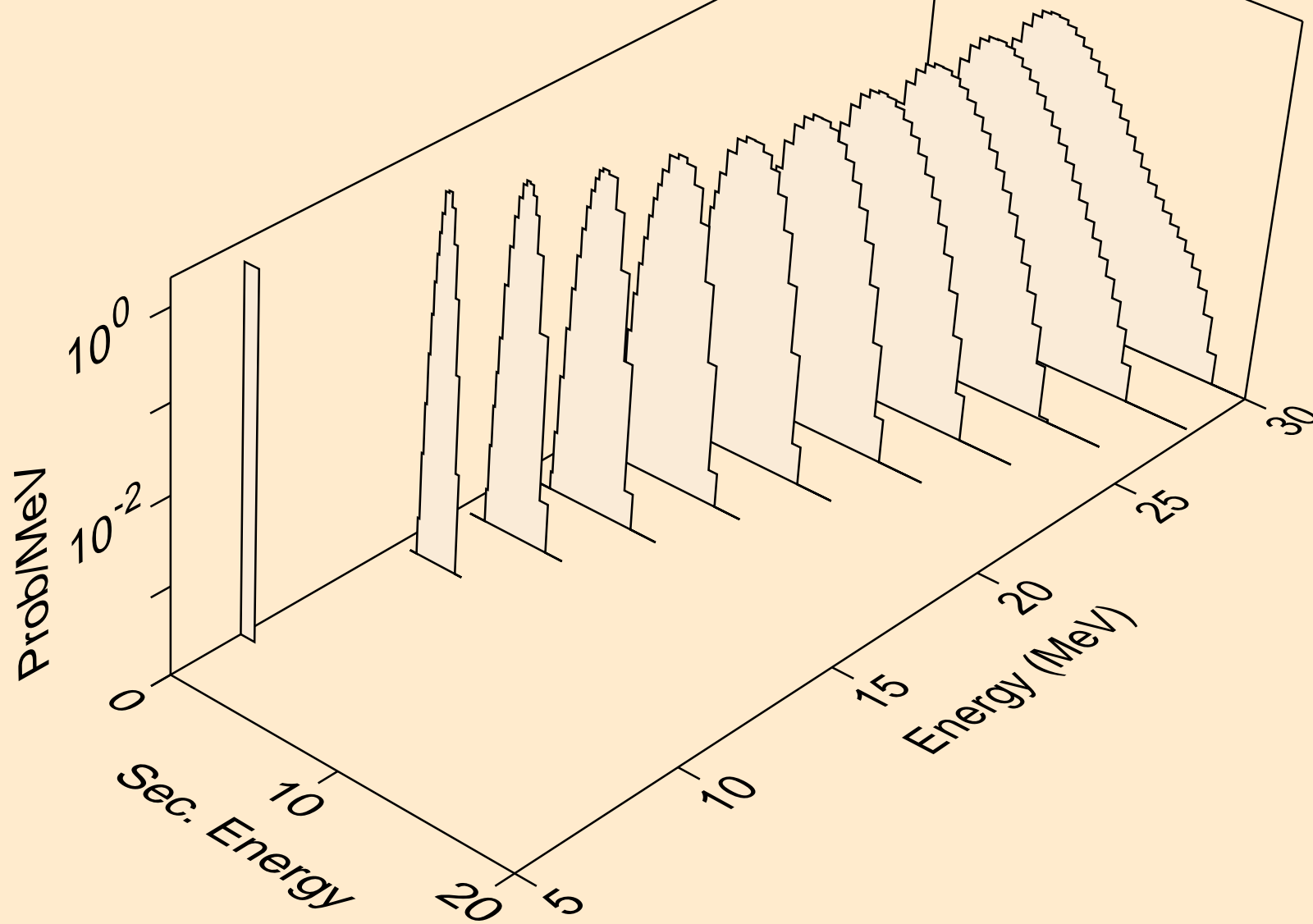
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protons from (a,npa)



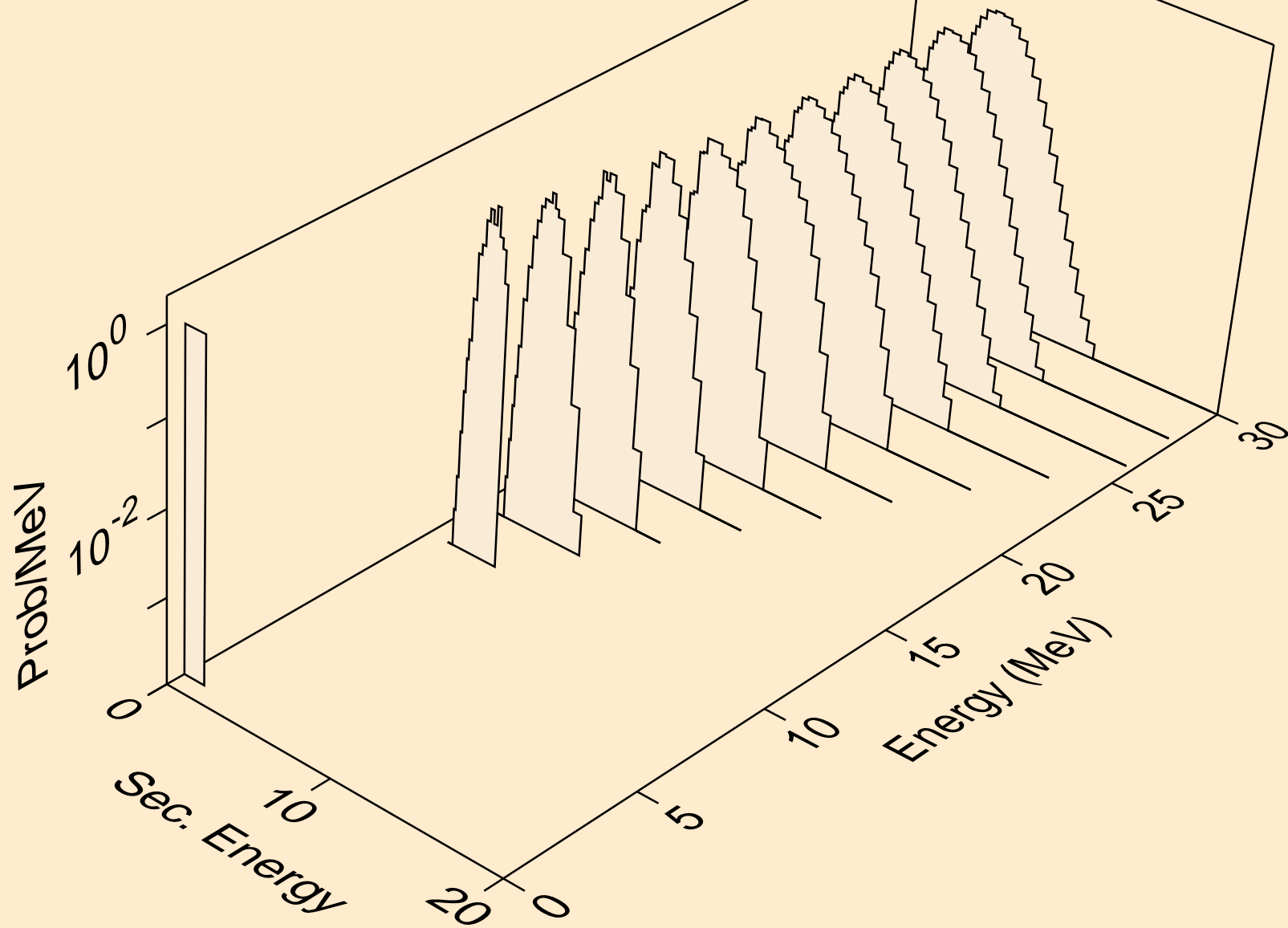
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



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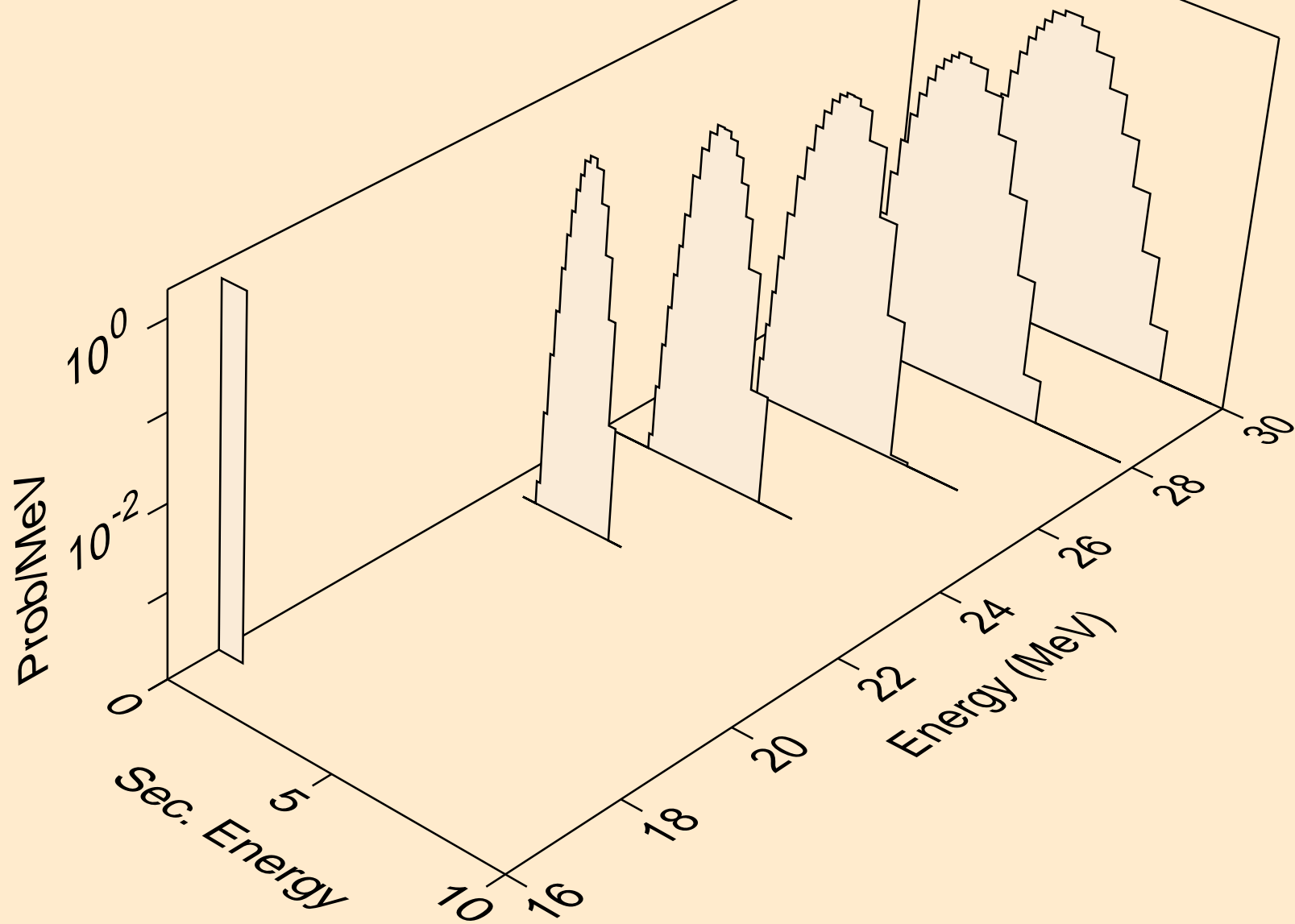


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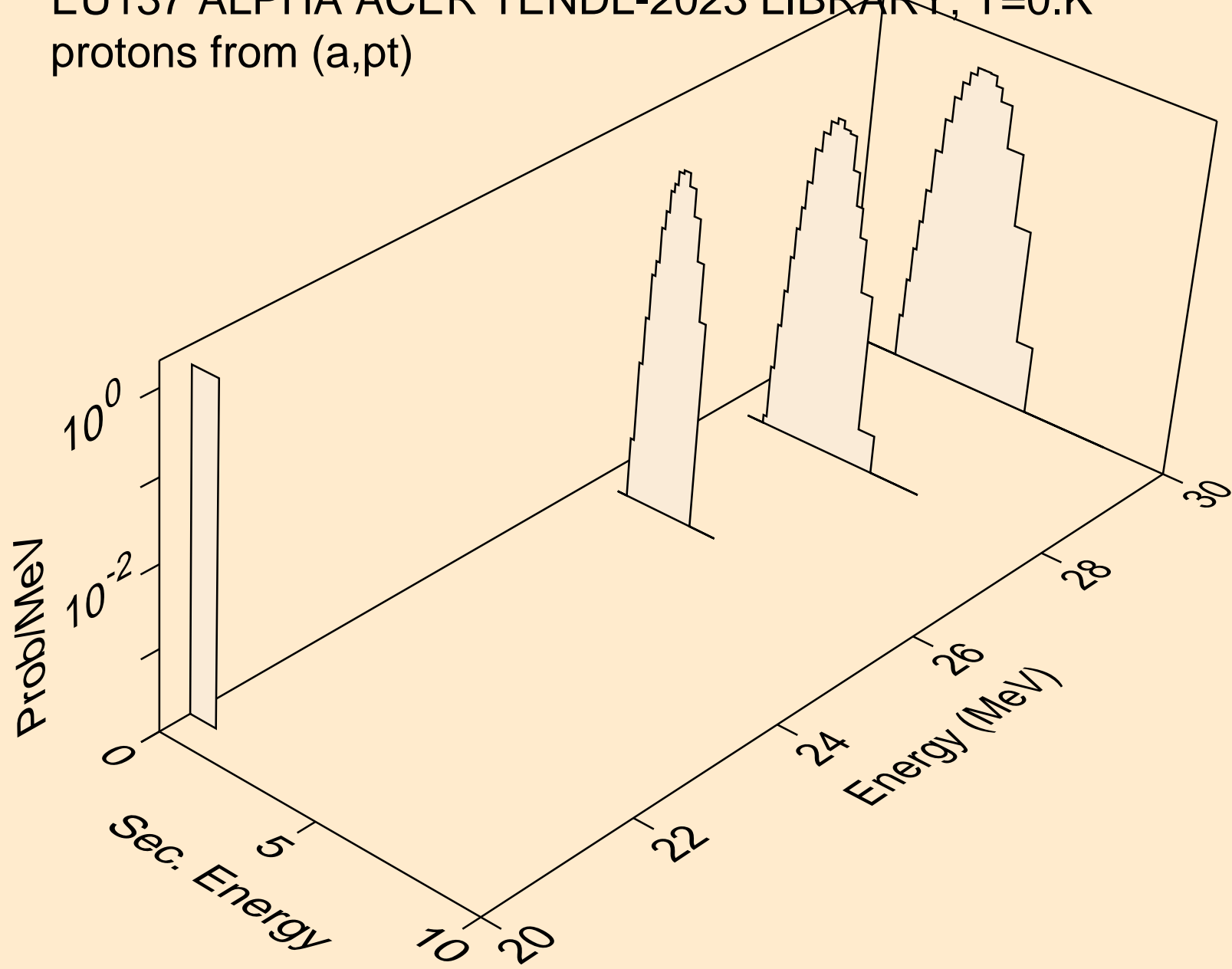




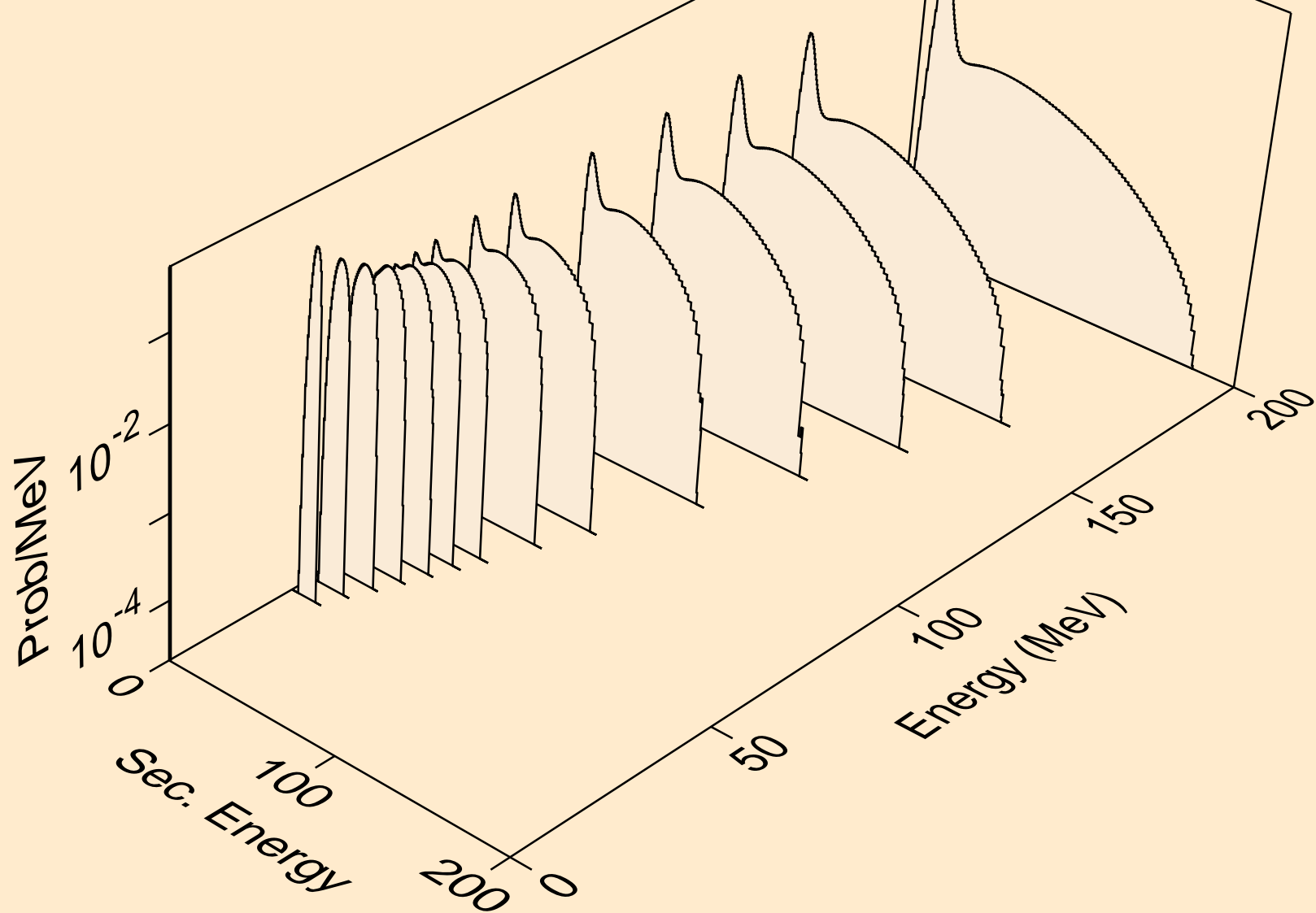
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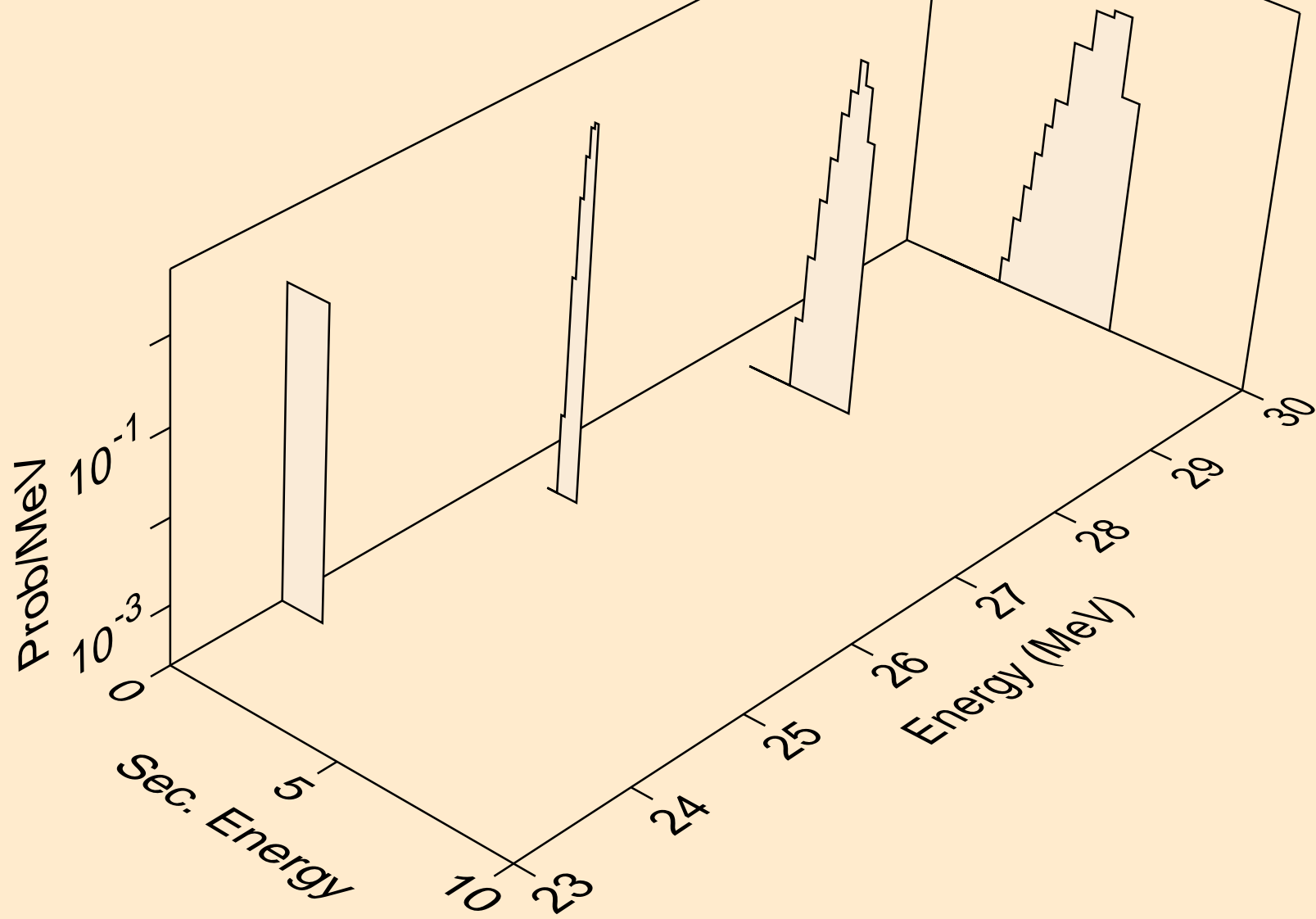
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protons from (a,pt)



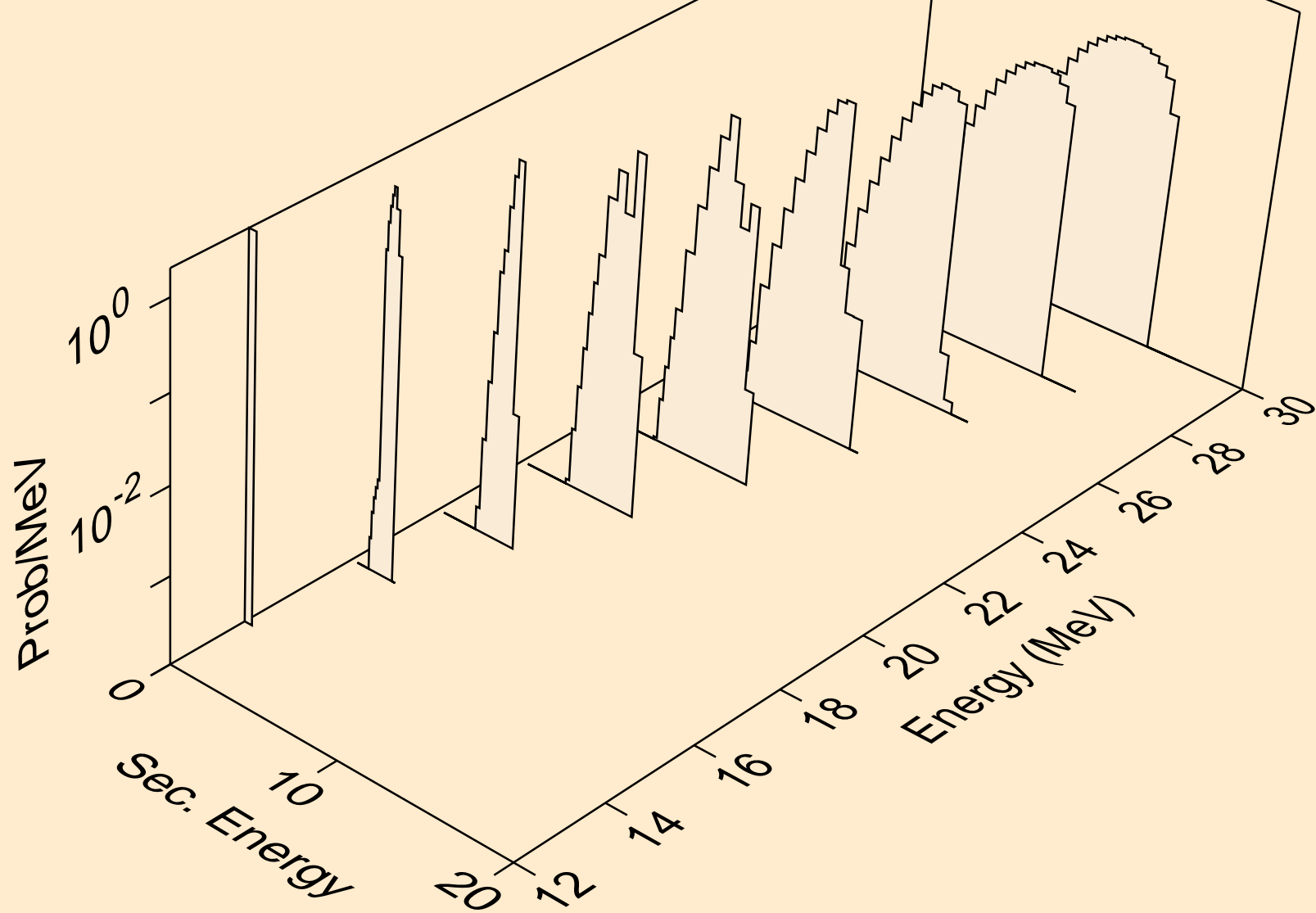
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deuterons from (a,x)



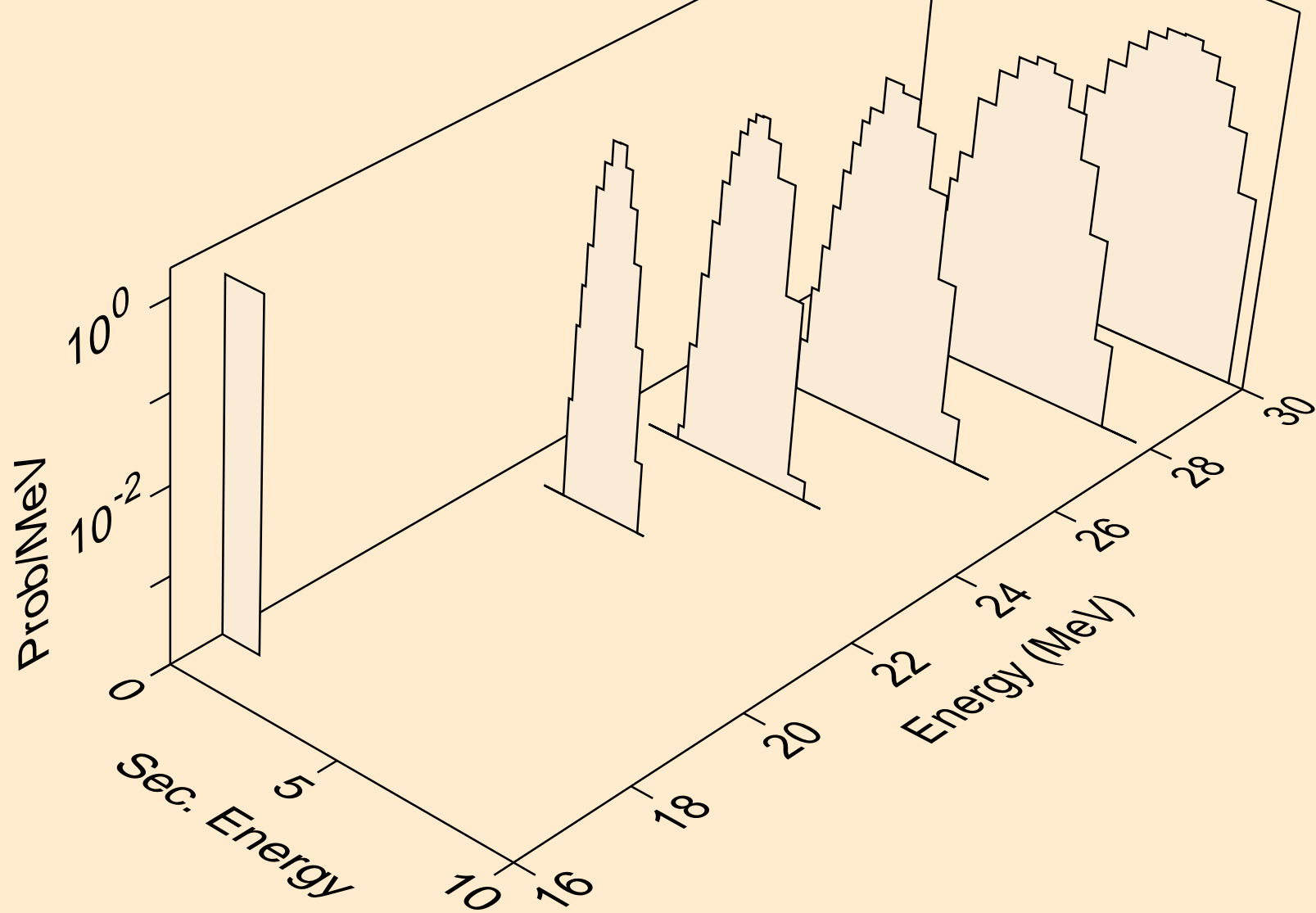
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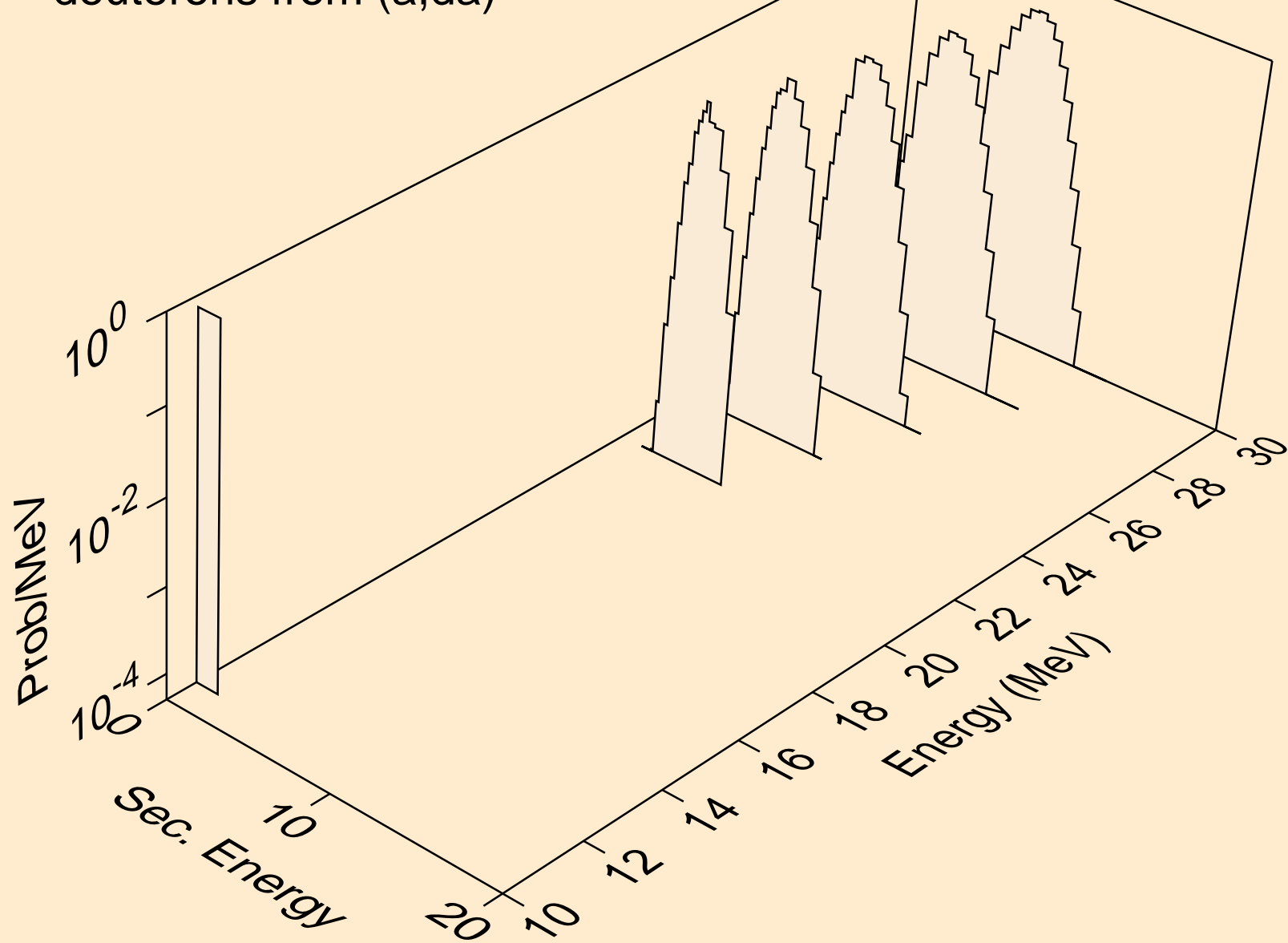
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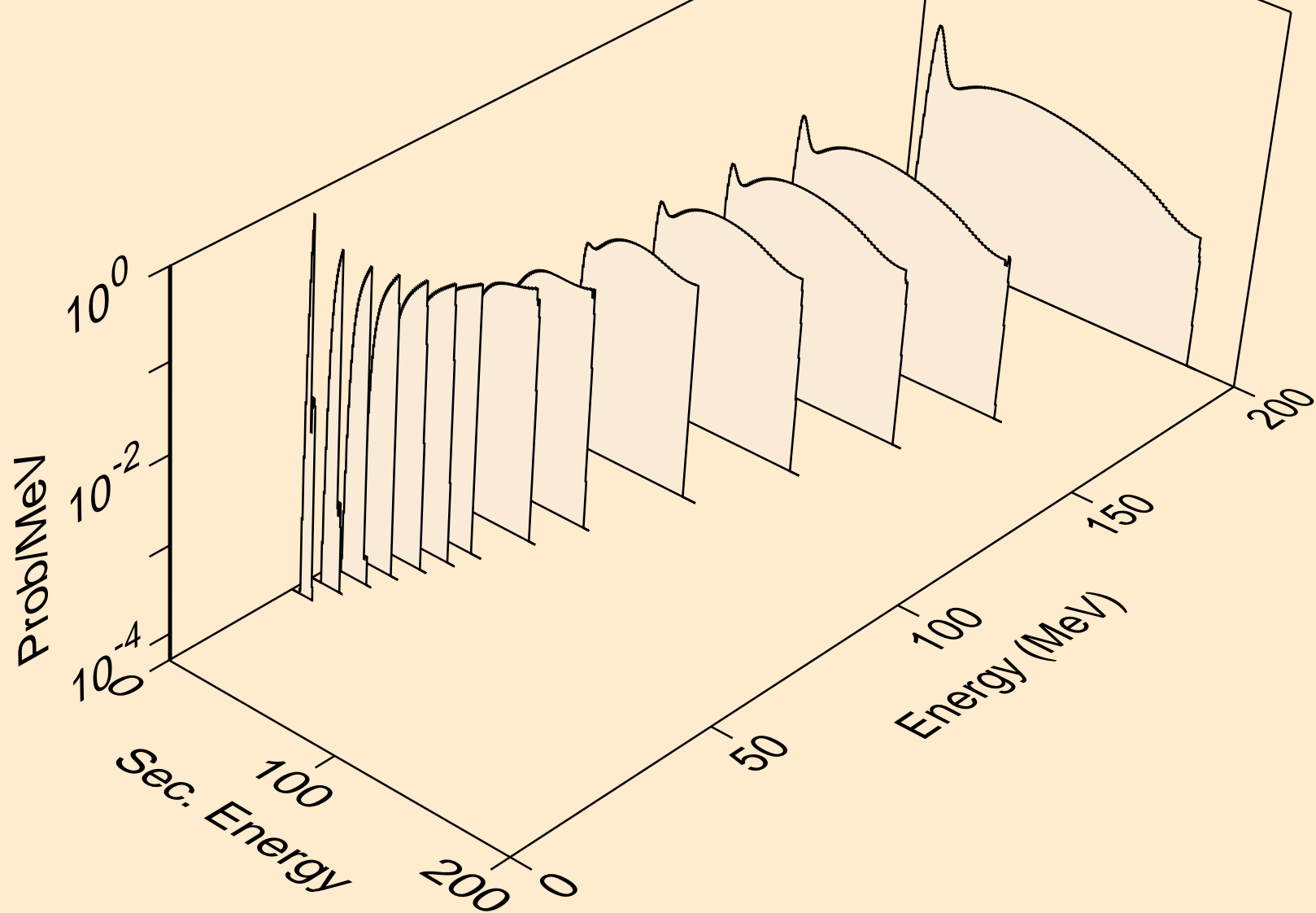
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

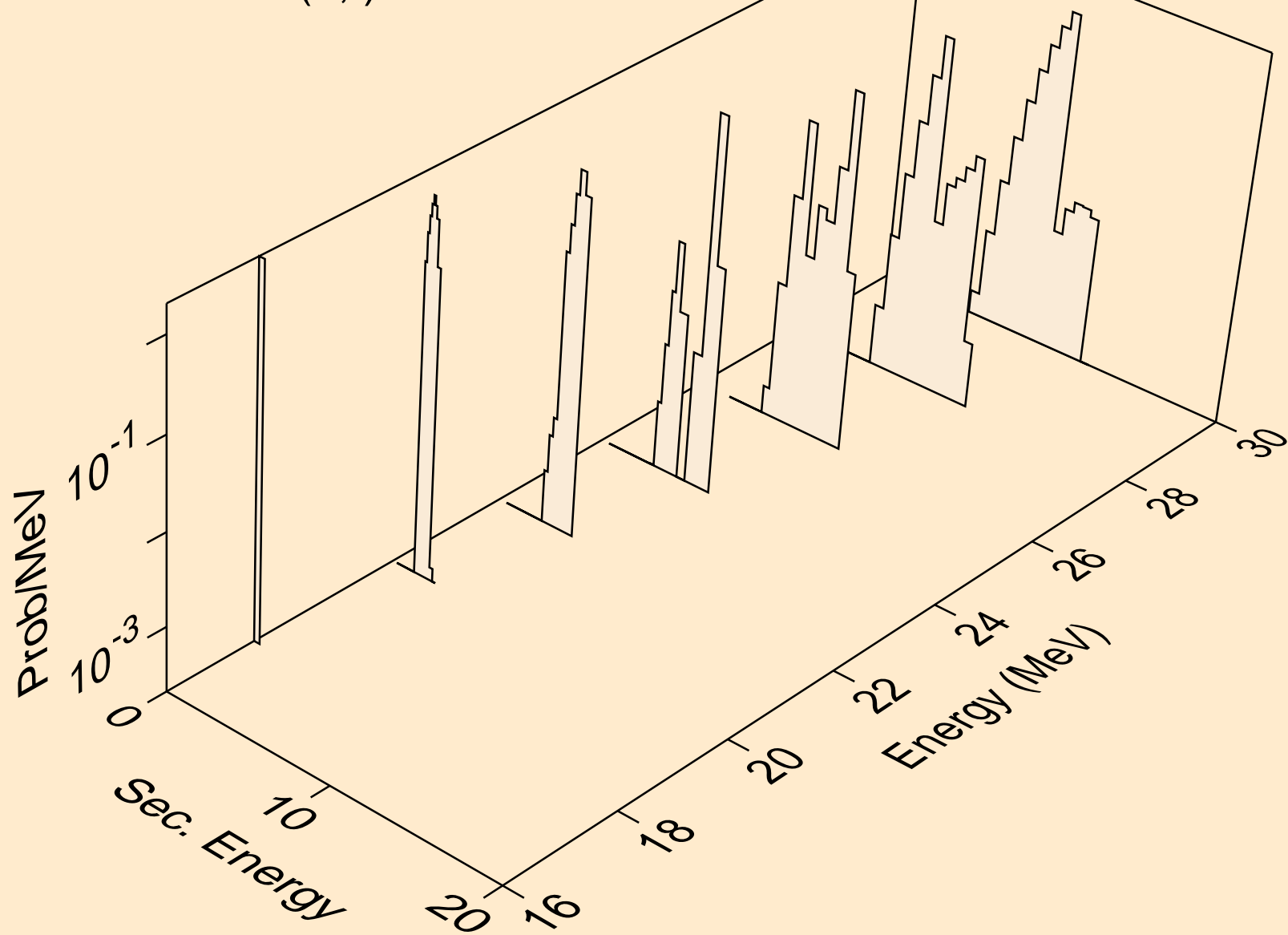


EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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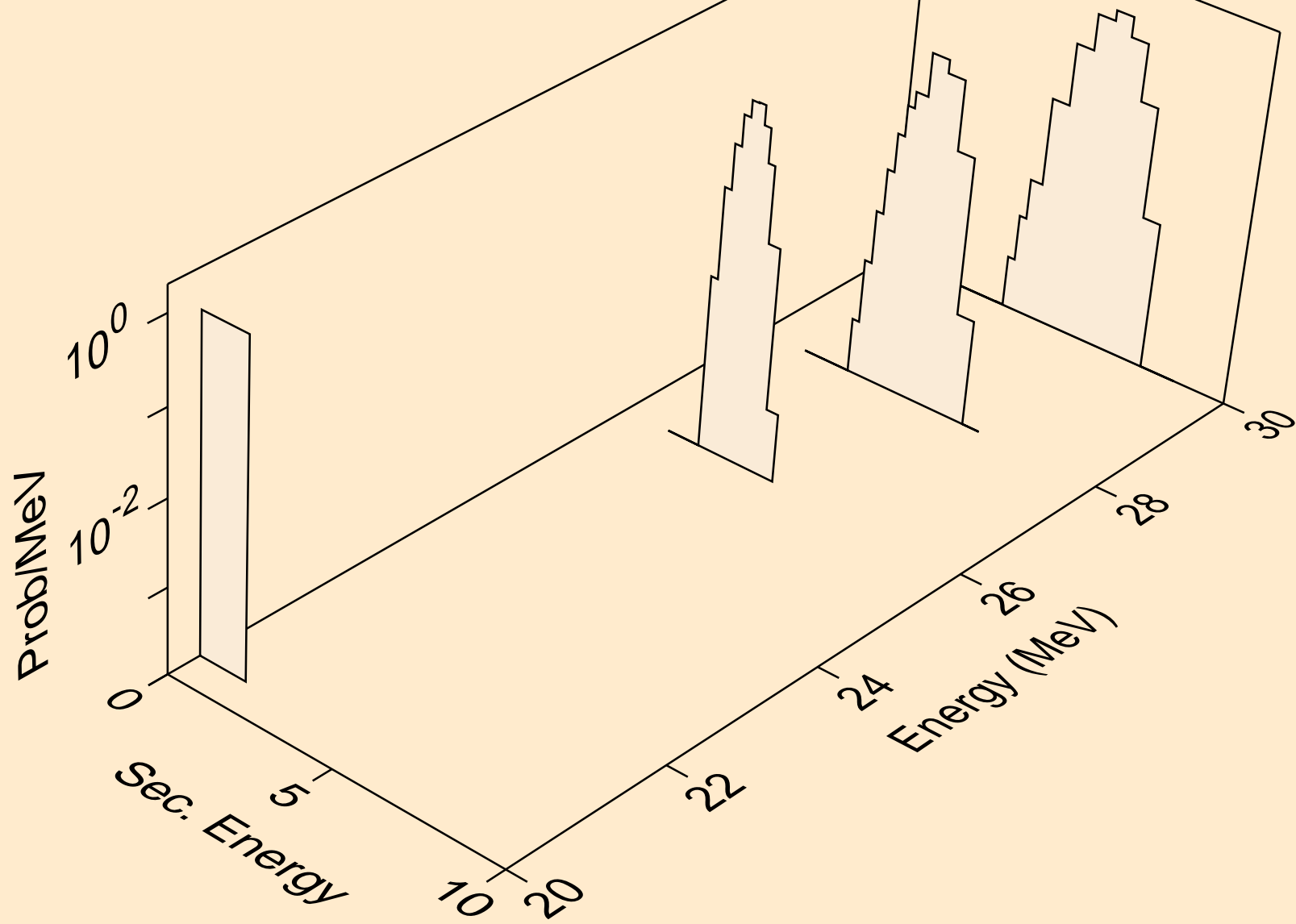




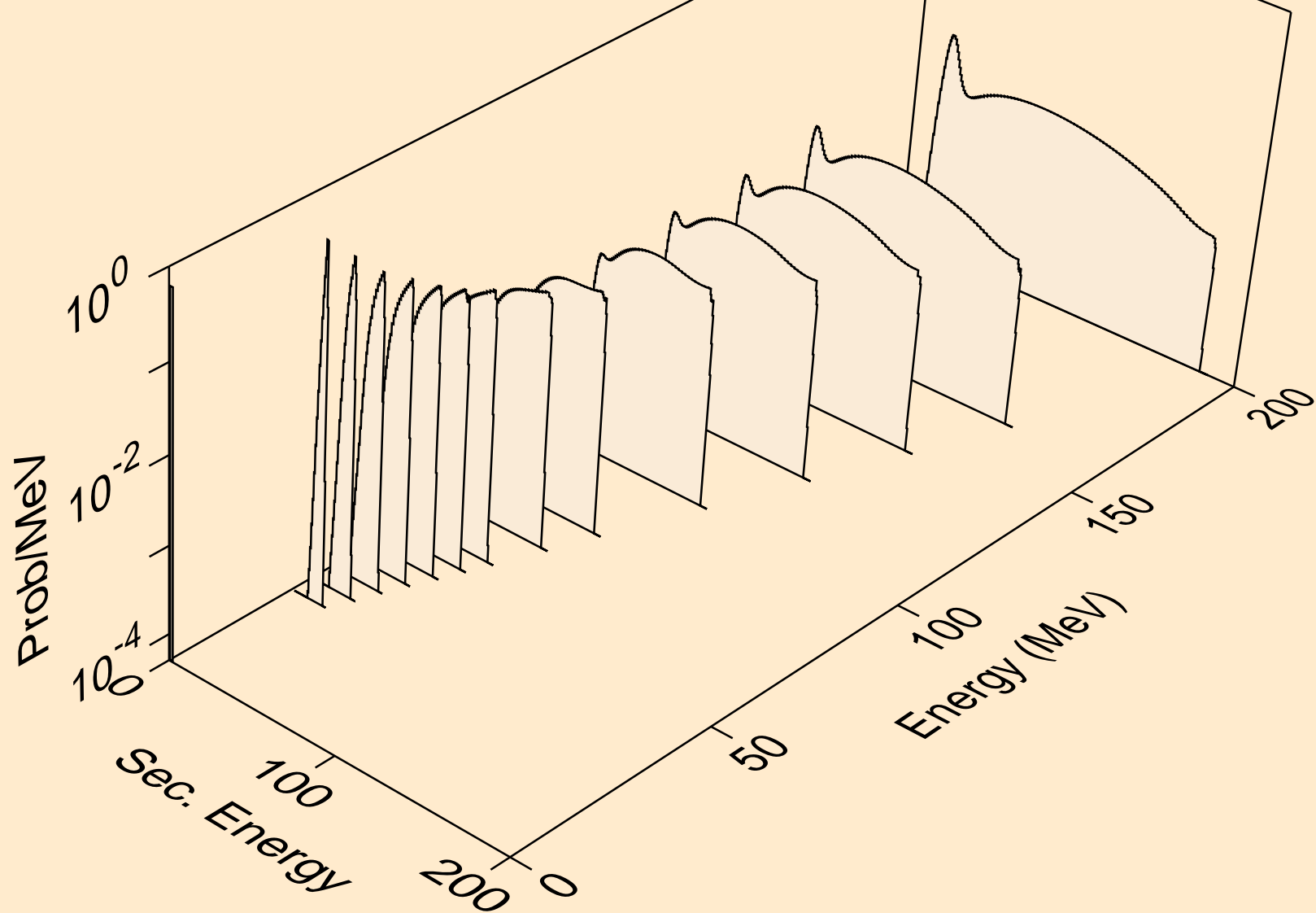
EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



EU137 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

