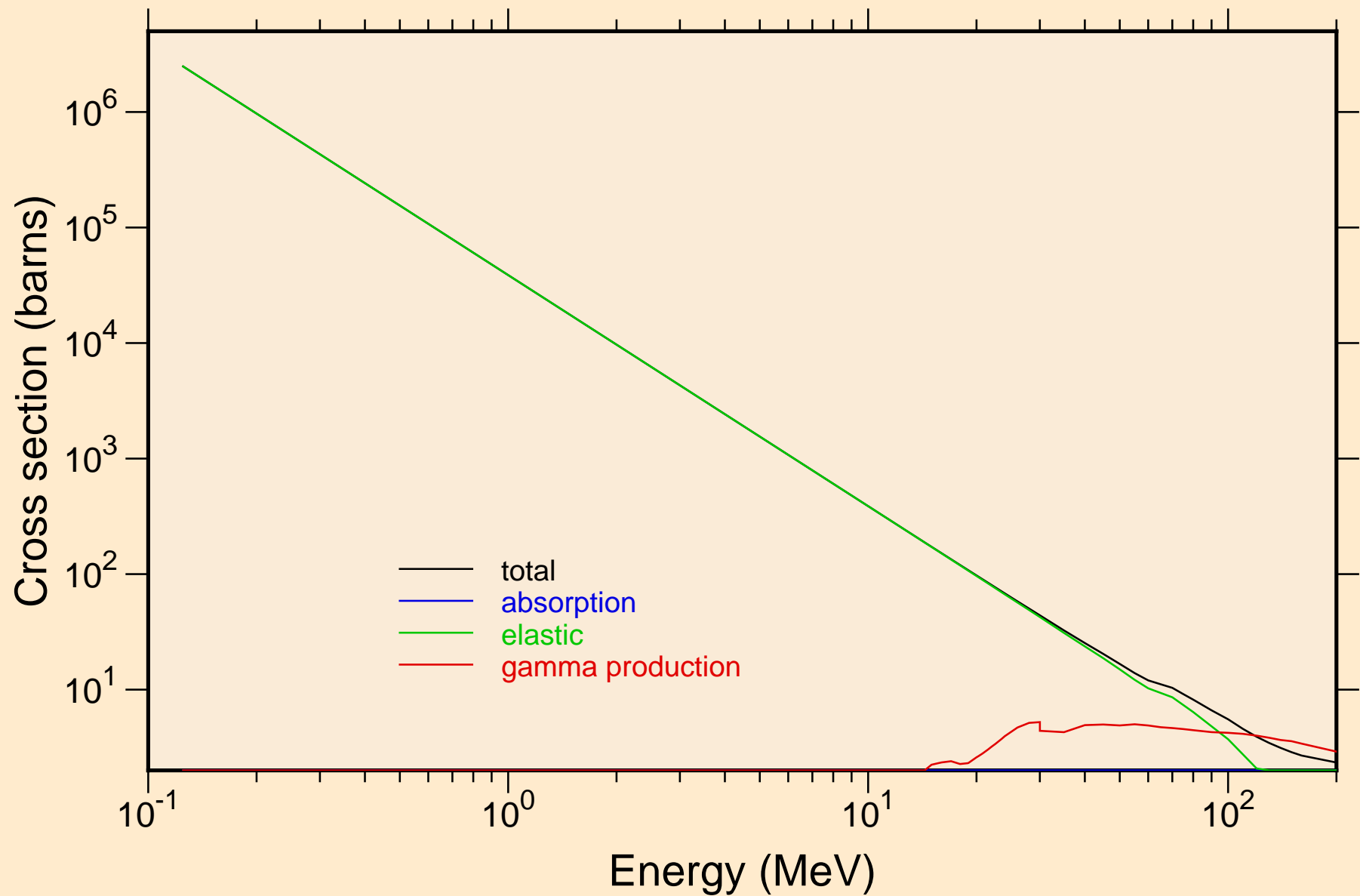


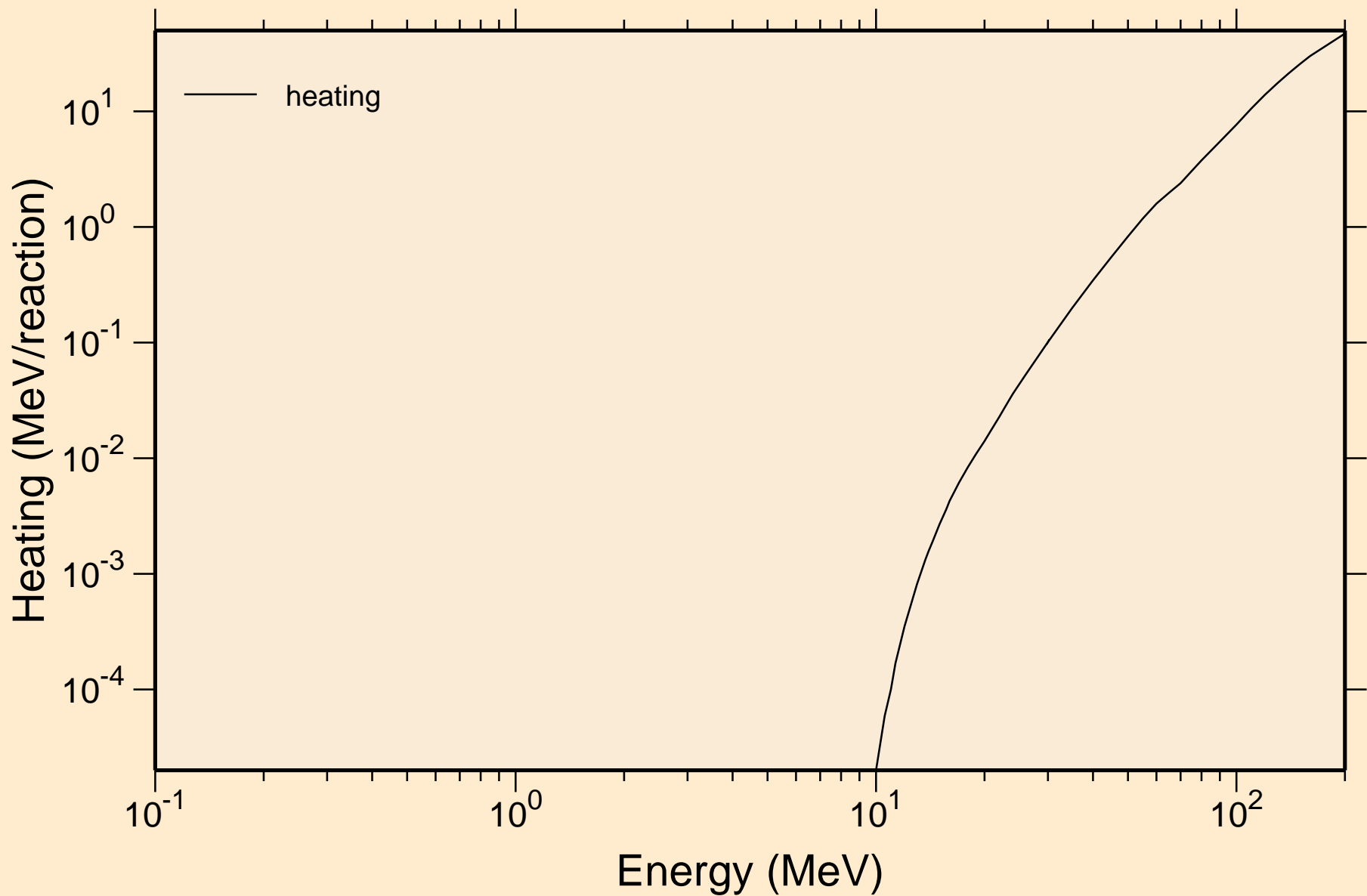
# SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



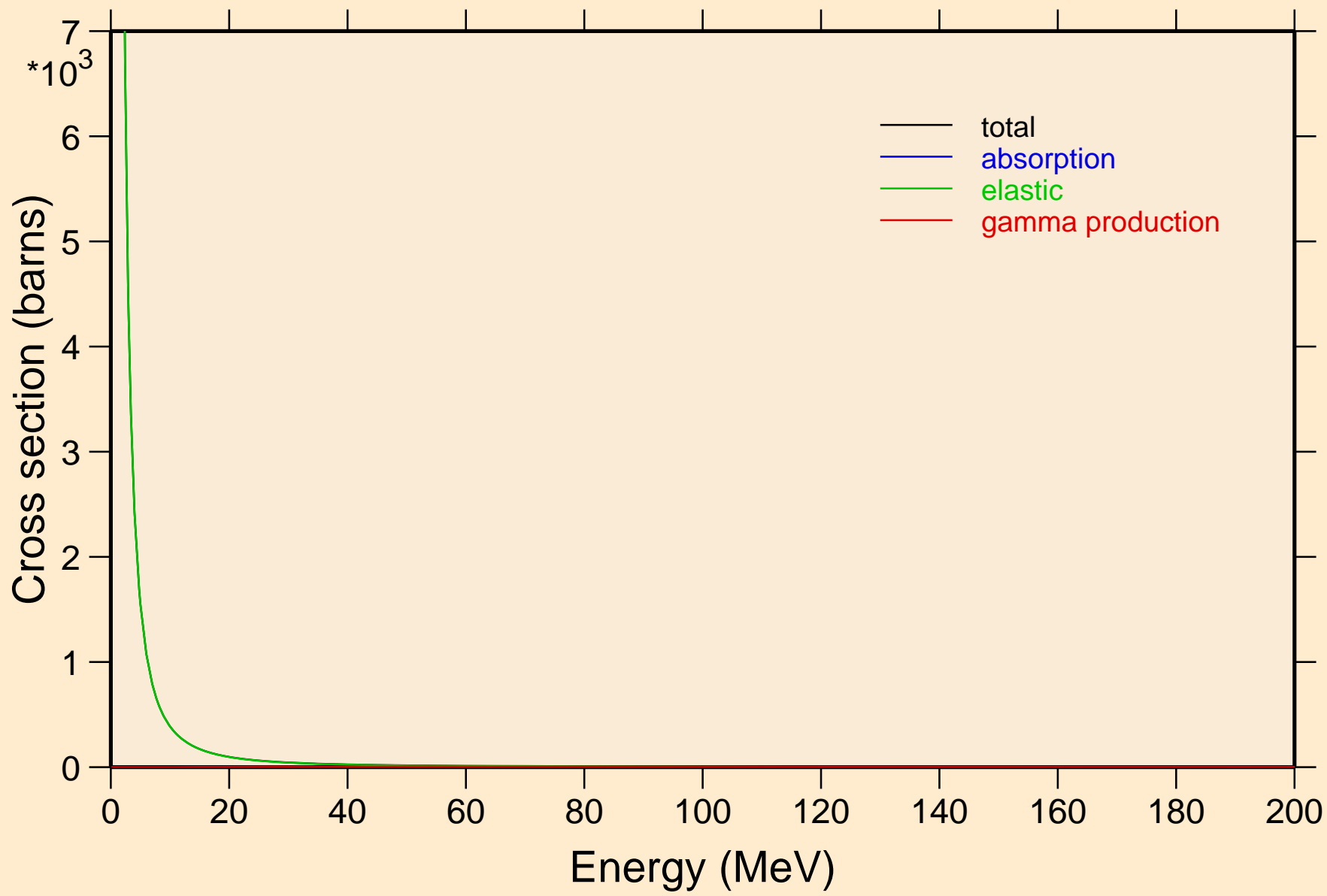
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



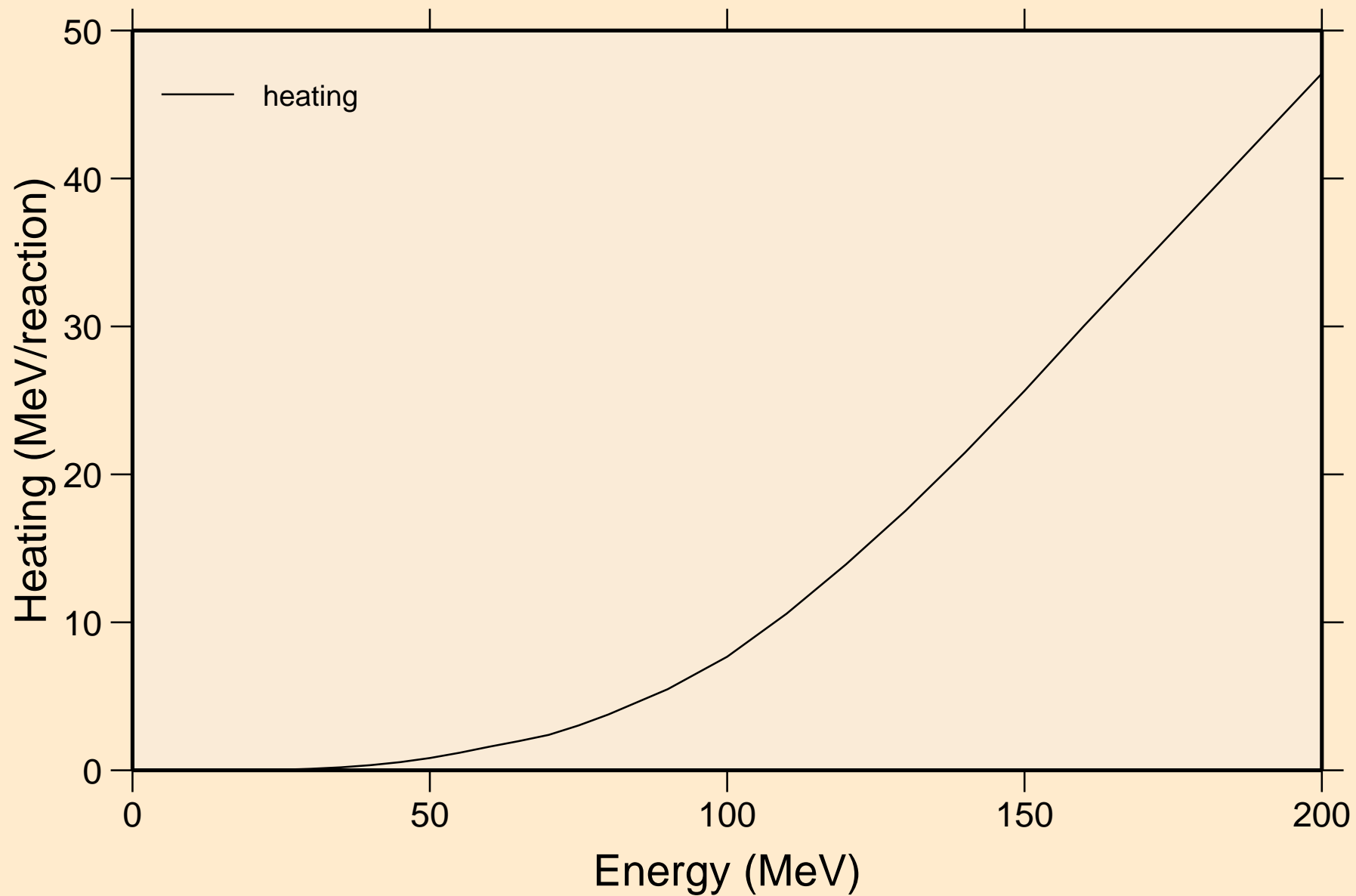
# SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



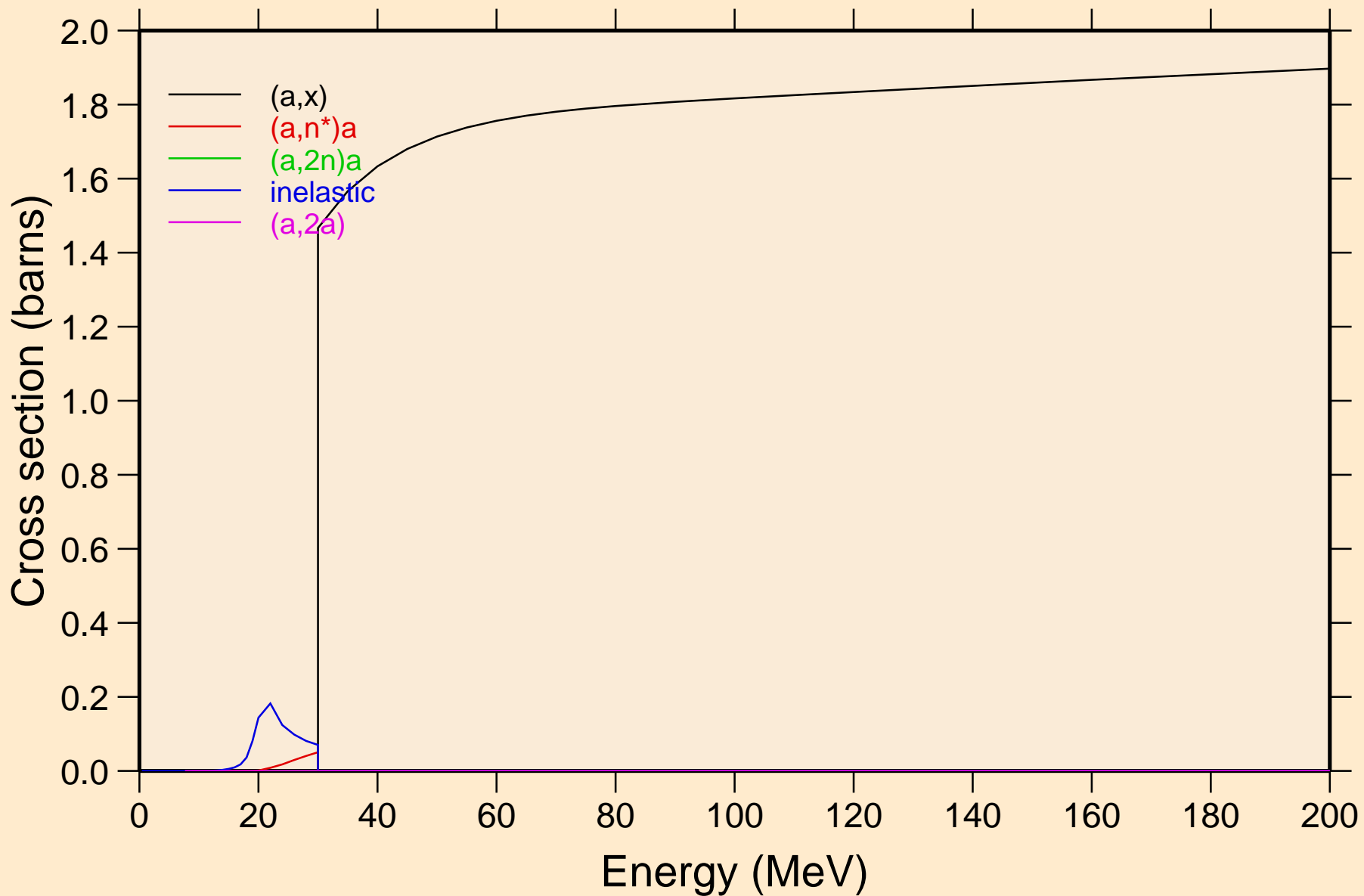
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

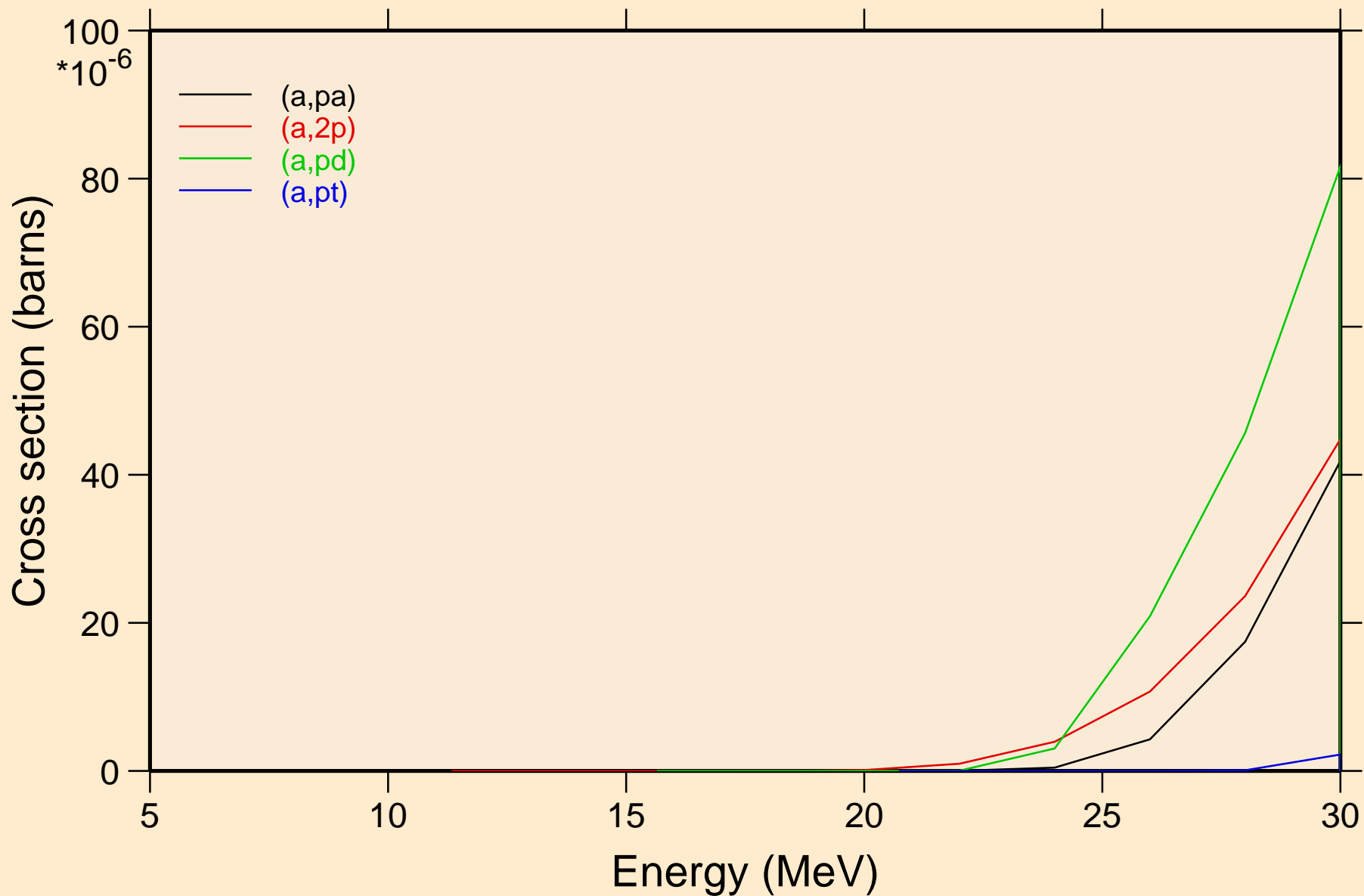


# SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

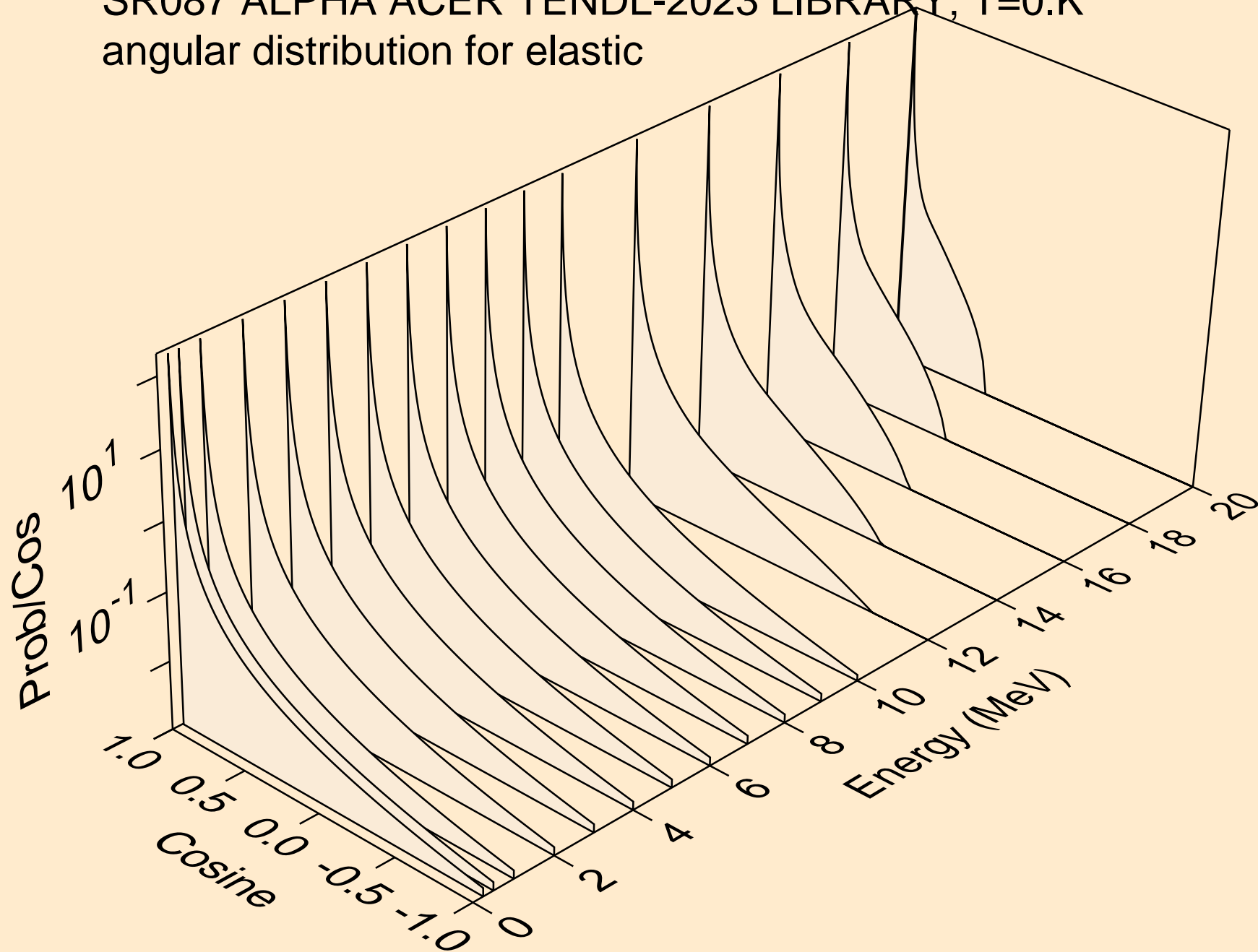
## Threshold reactions



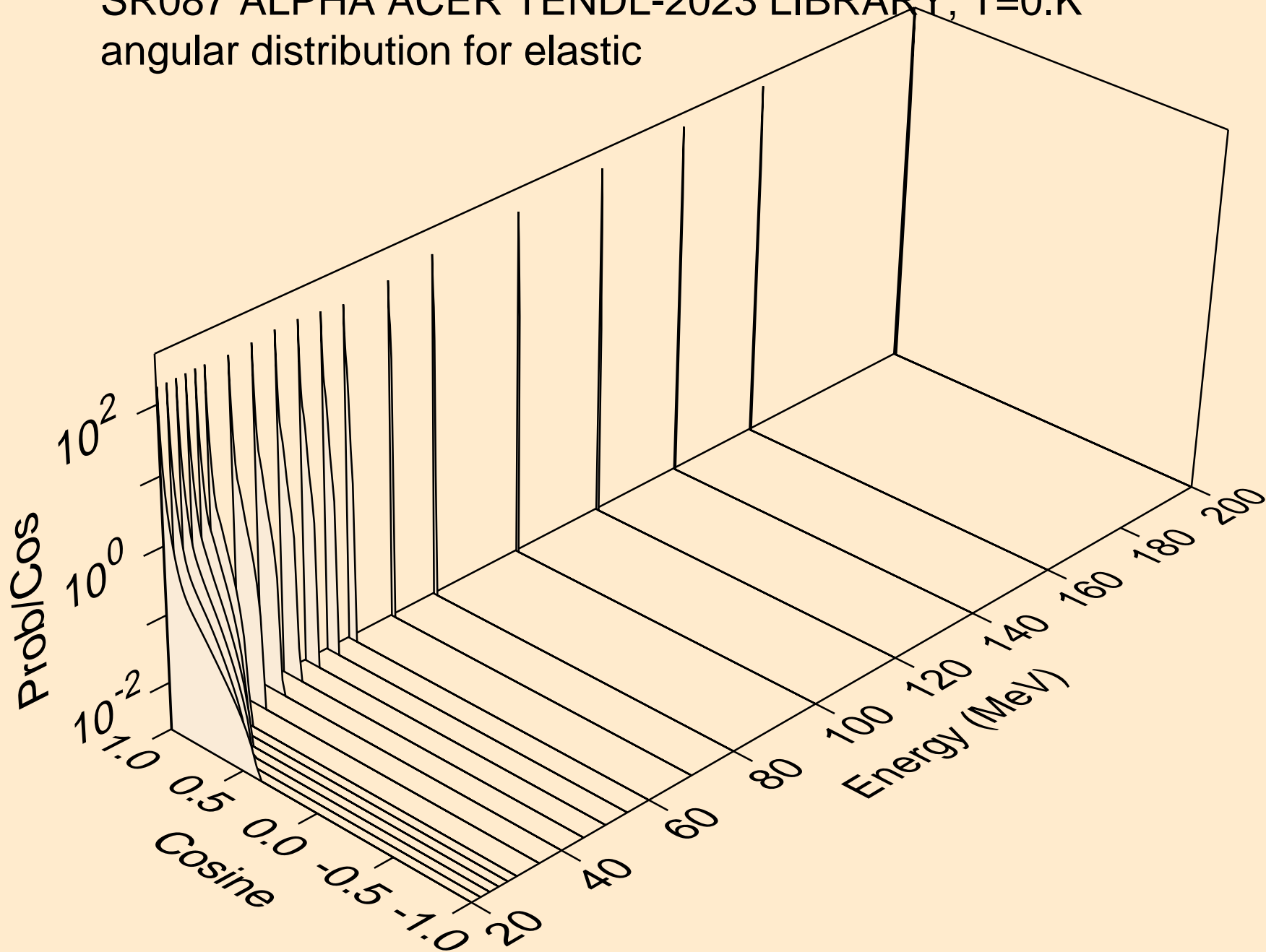
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

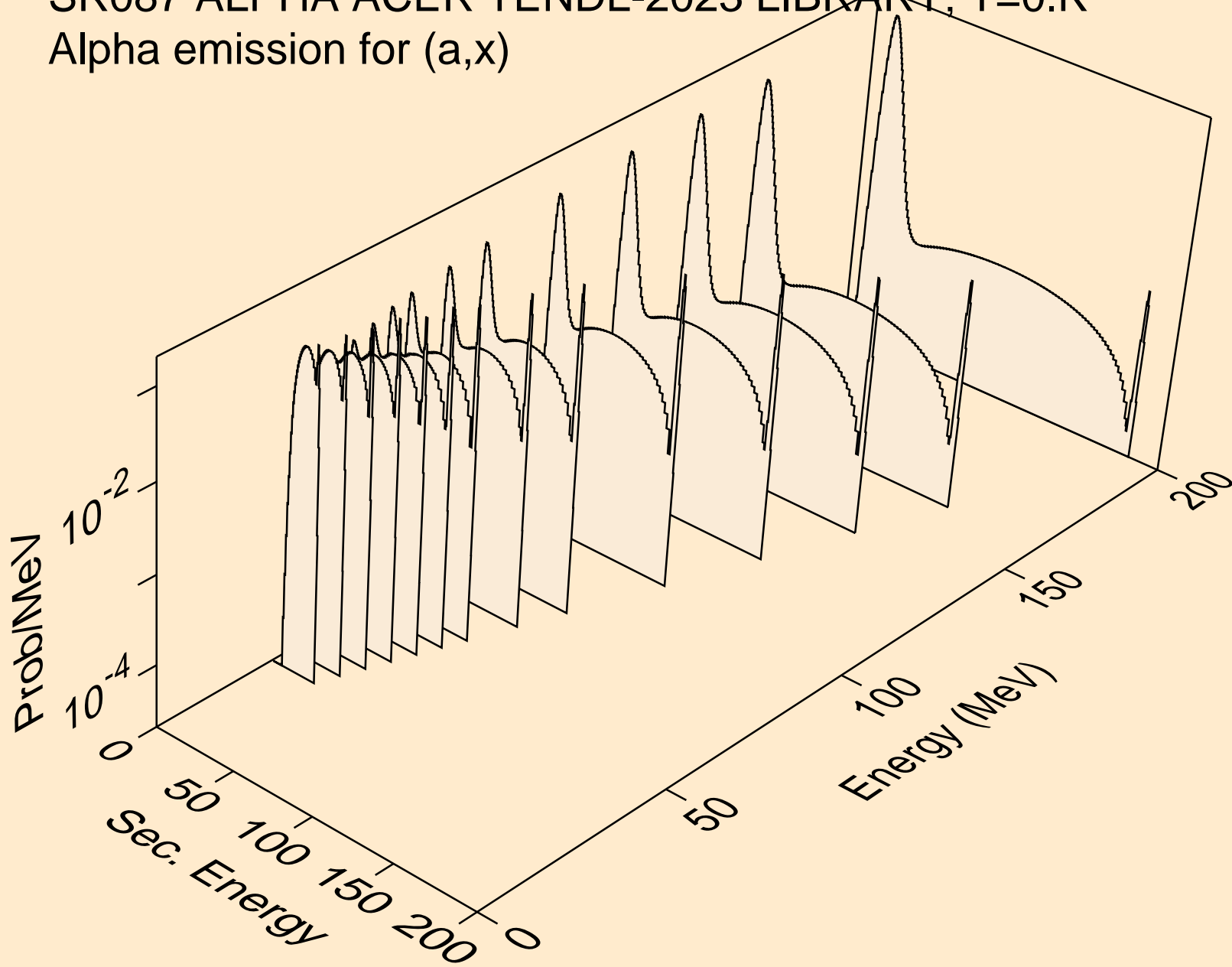


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



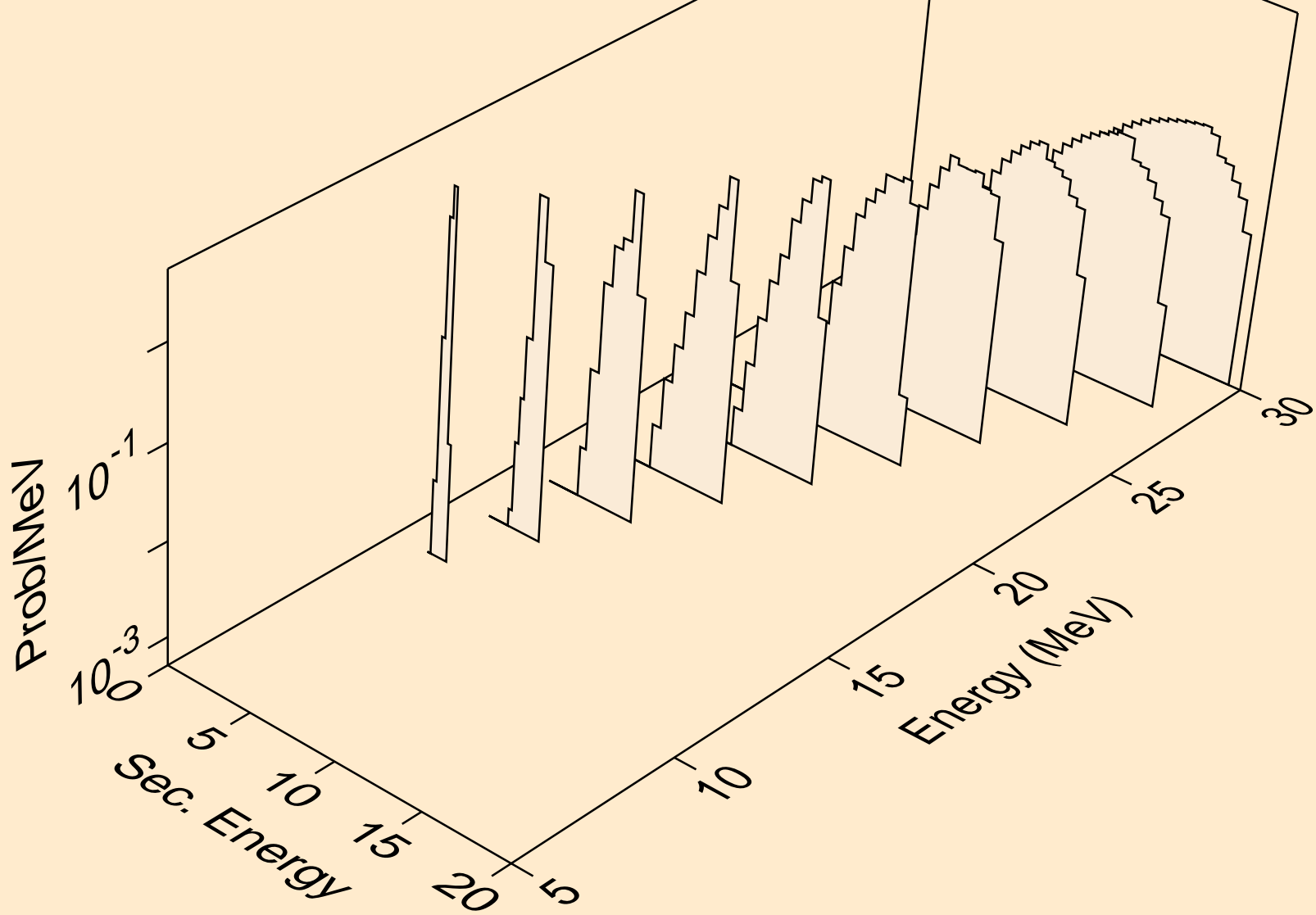


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



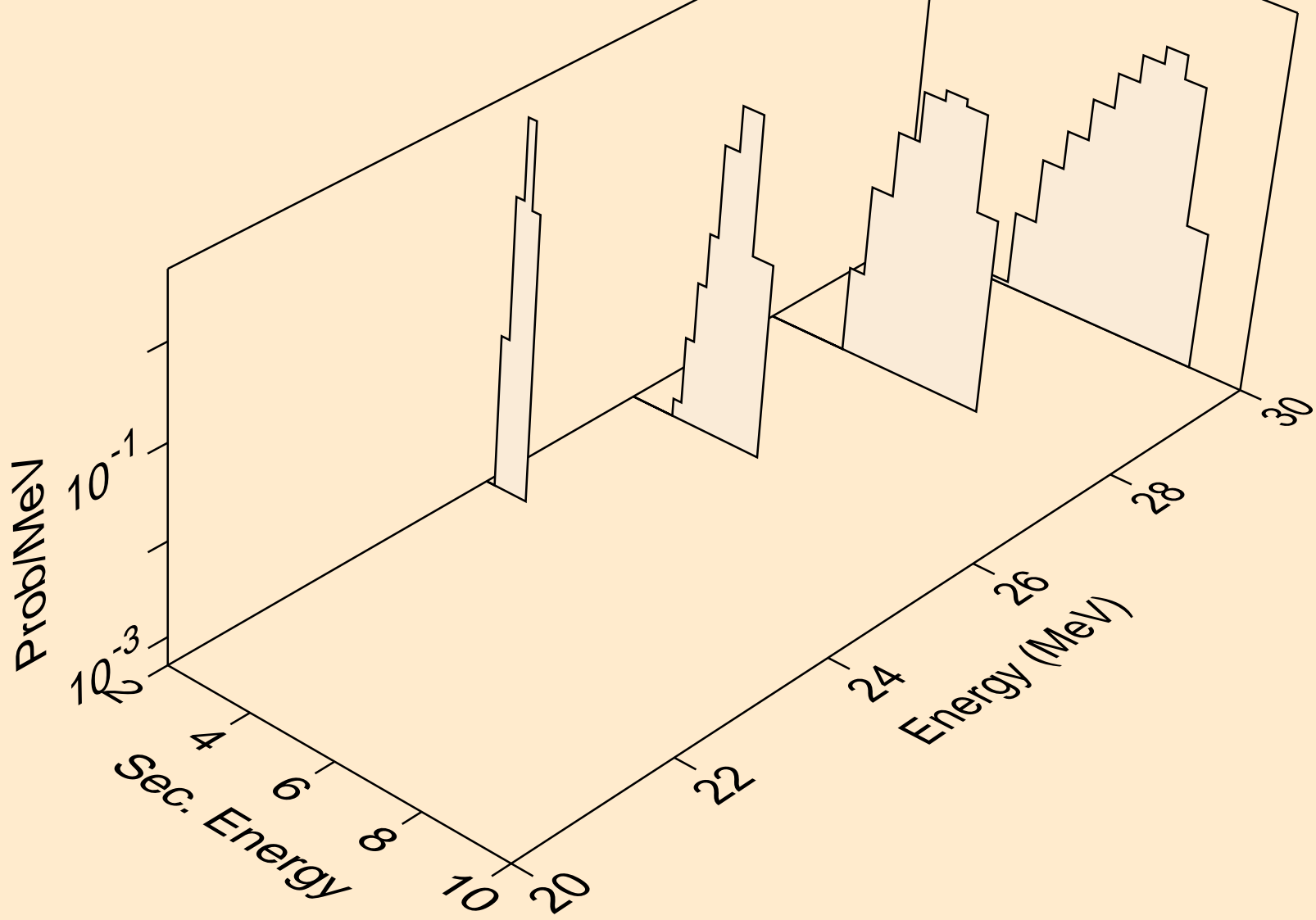
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

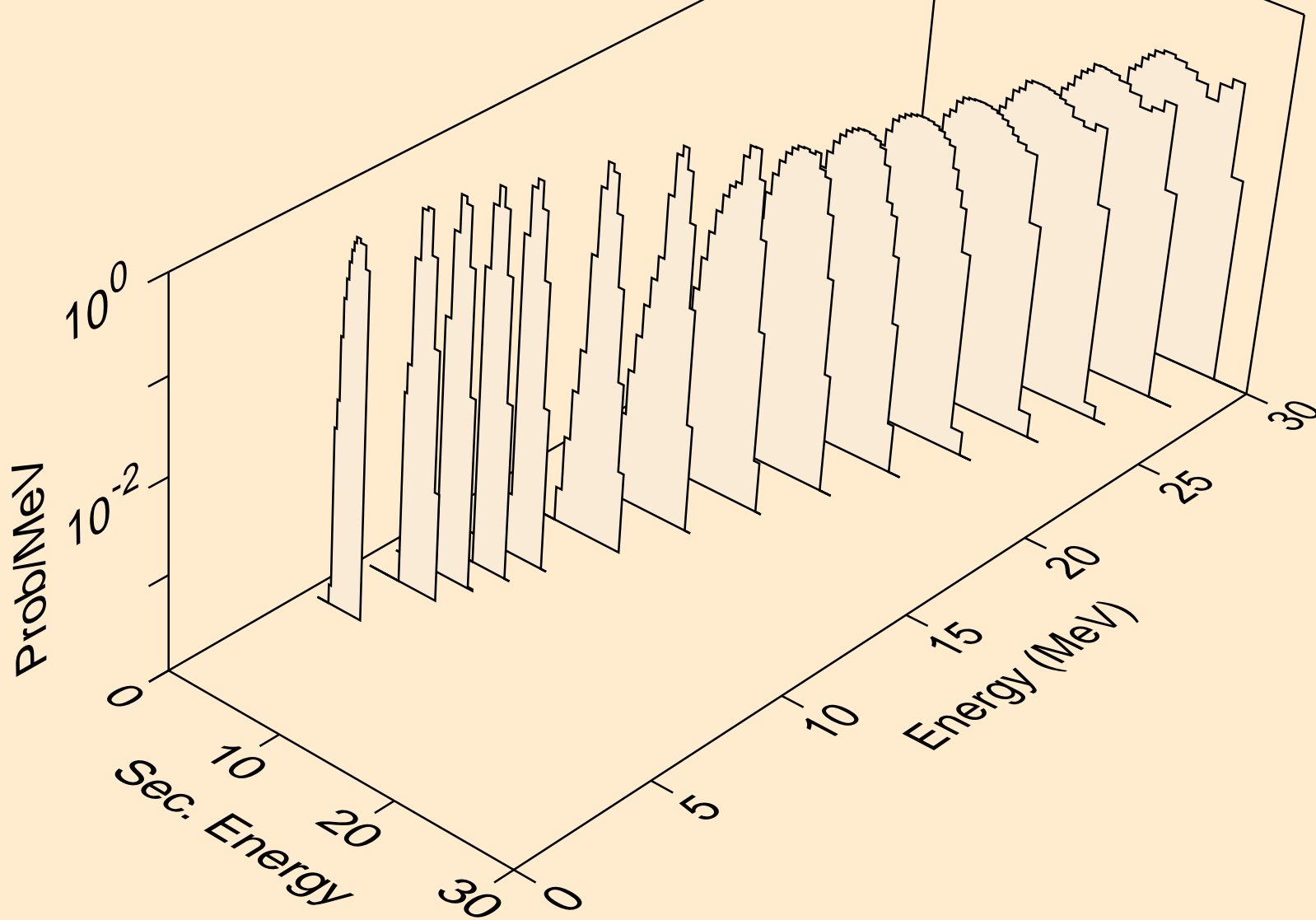


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

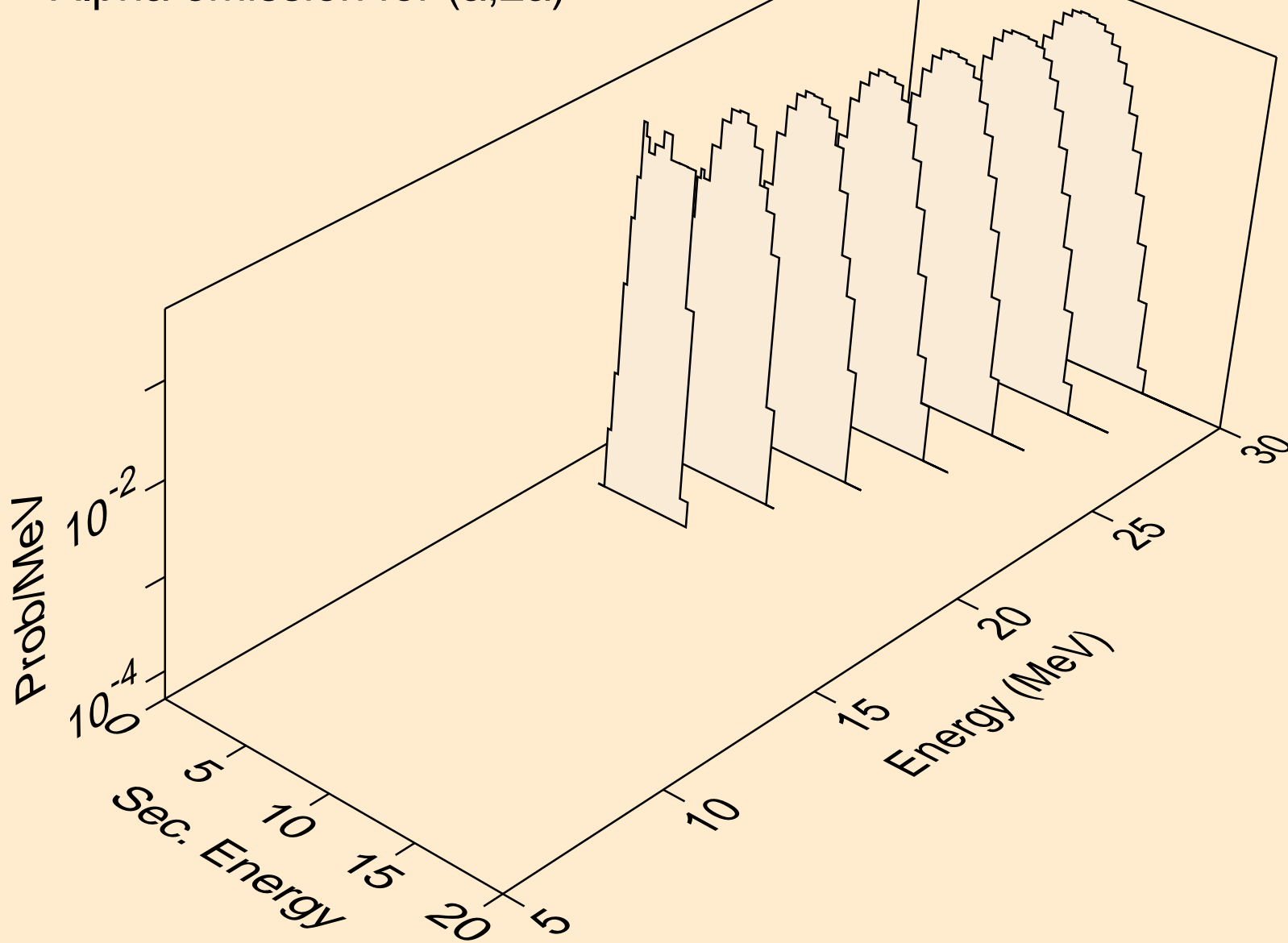
Alpha emission for (a,2n)a



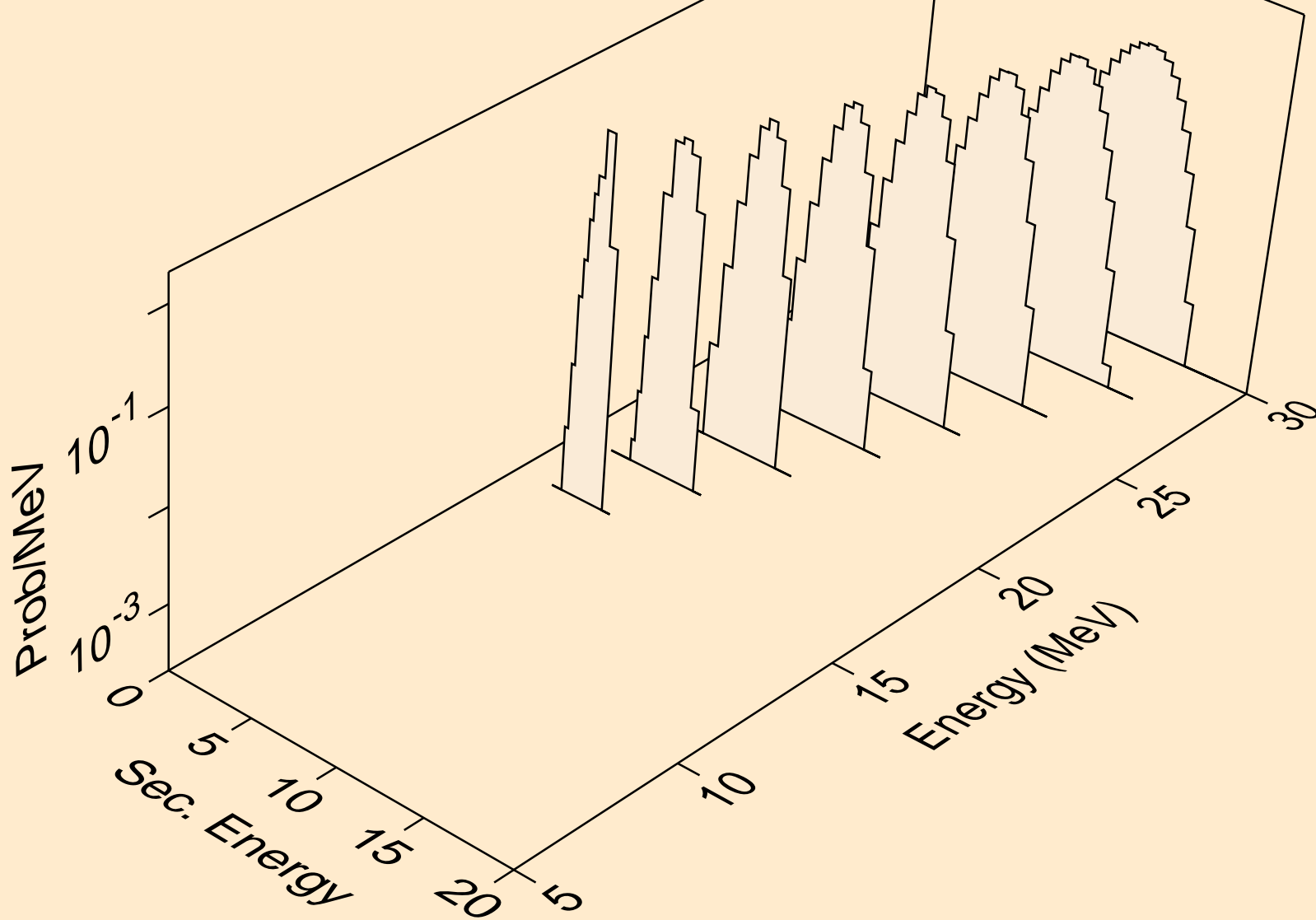
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



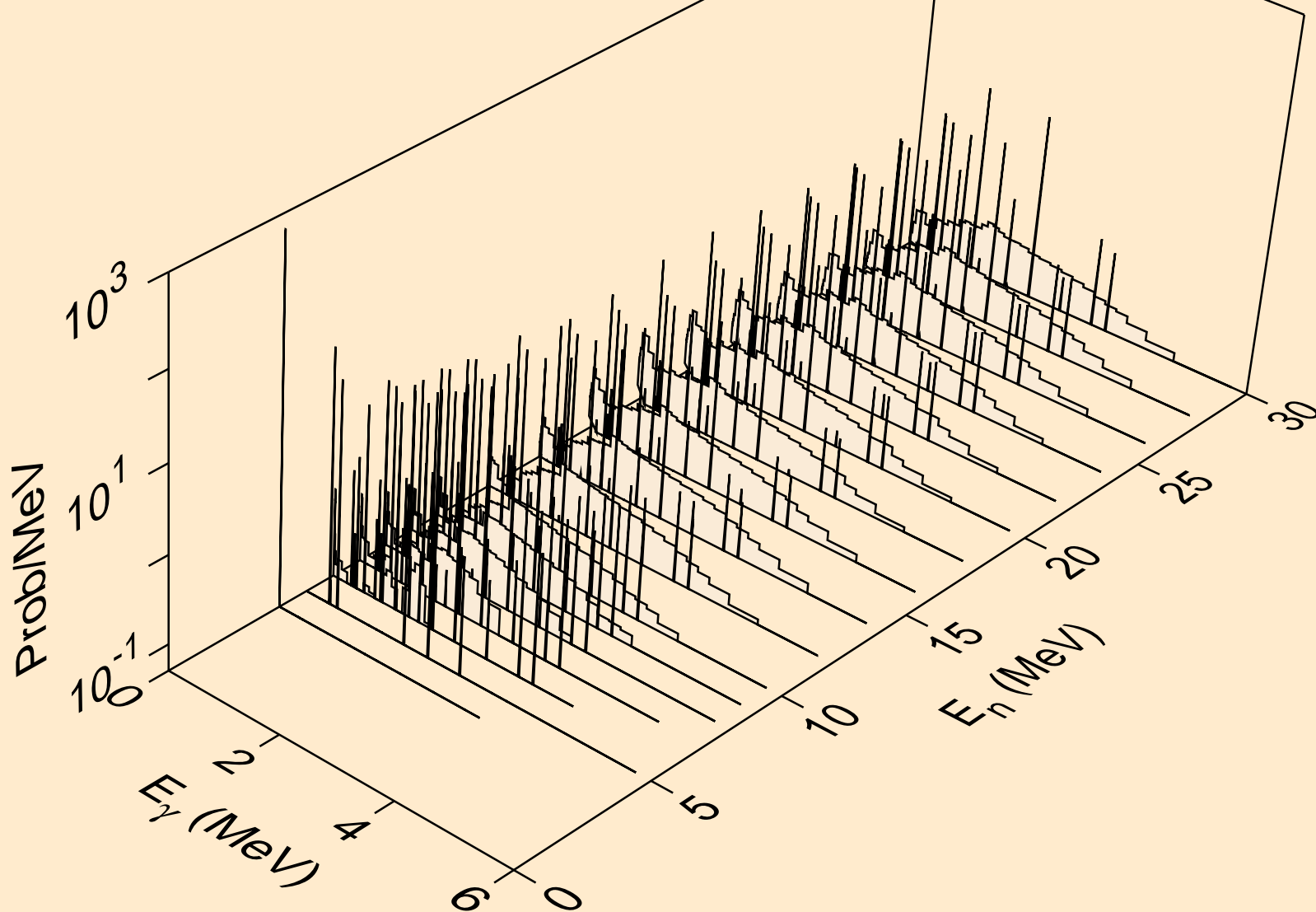
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

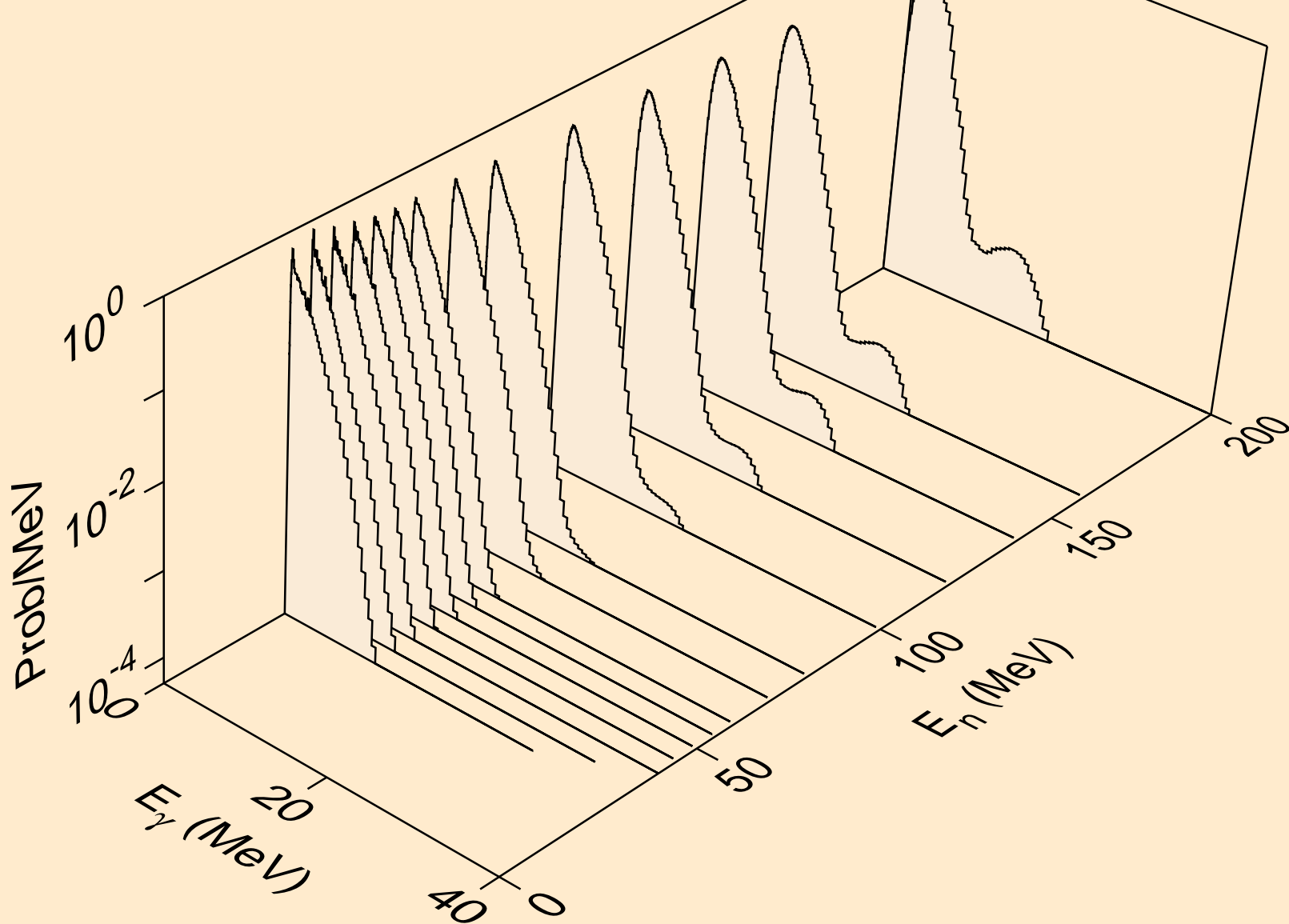


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



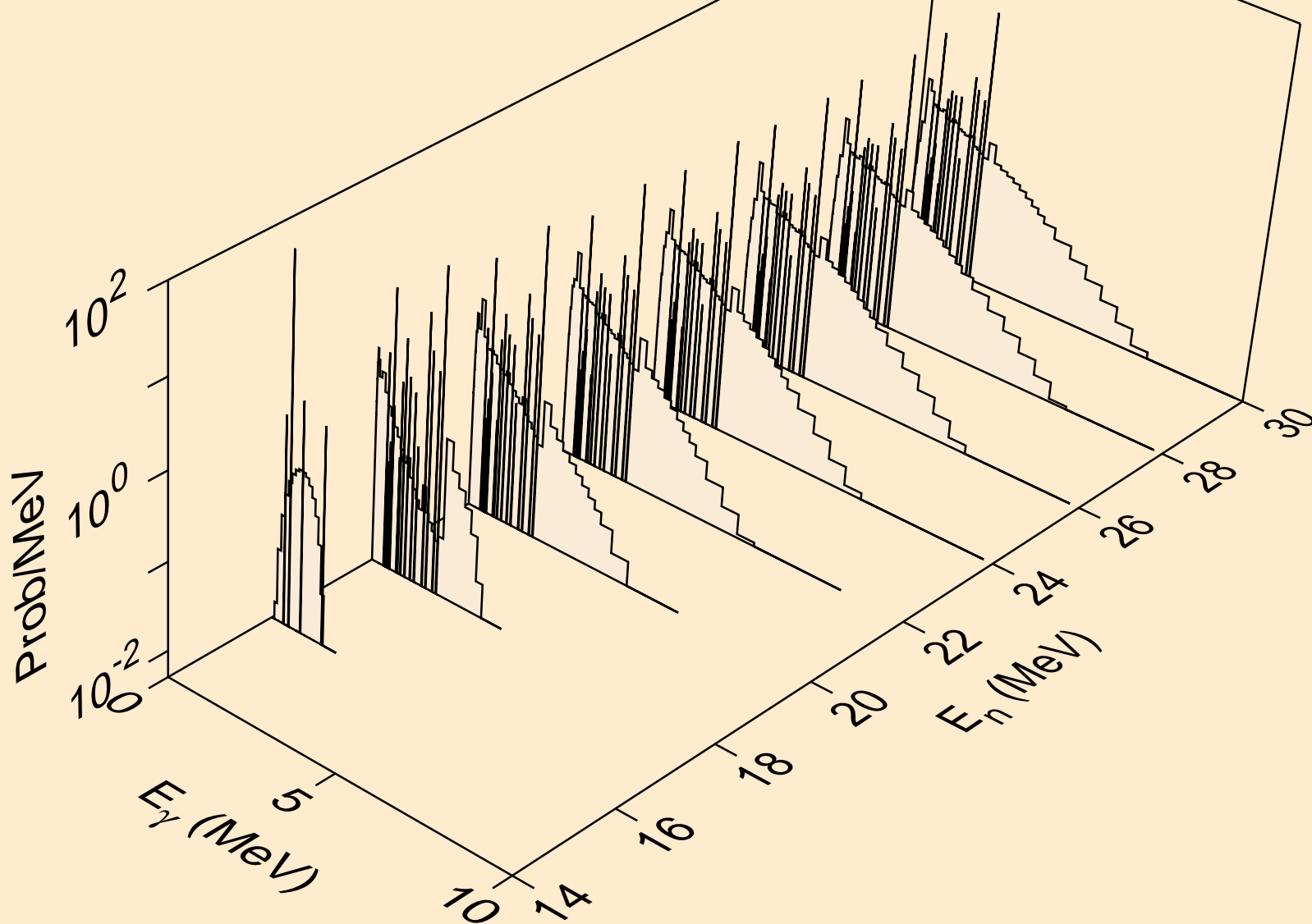
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

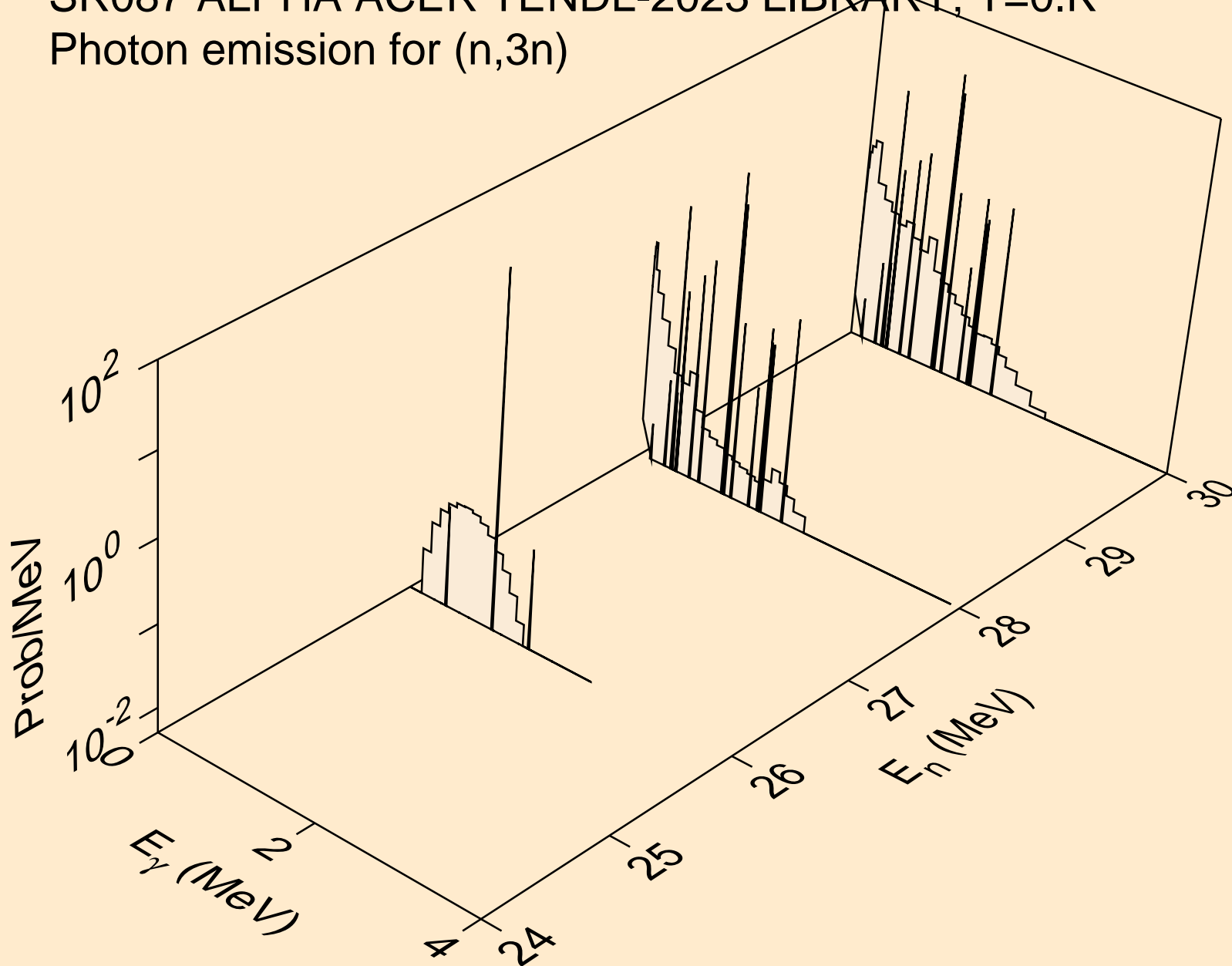




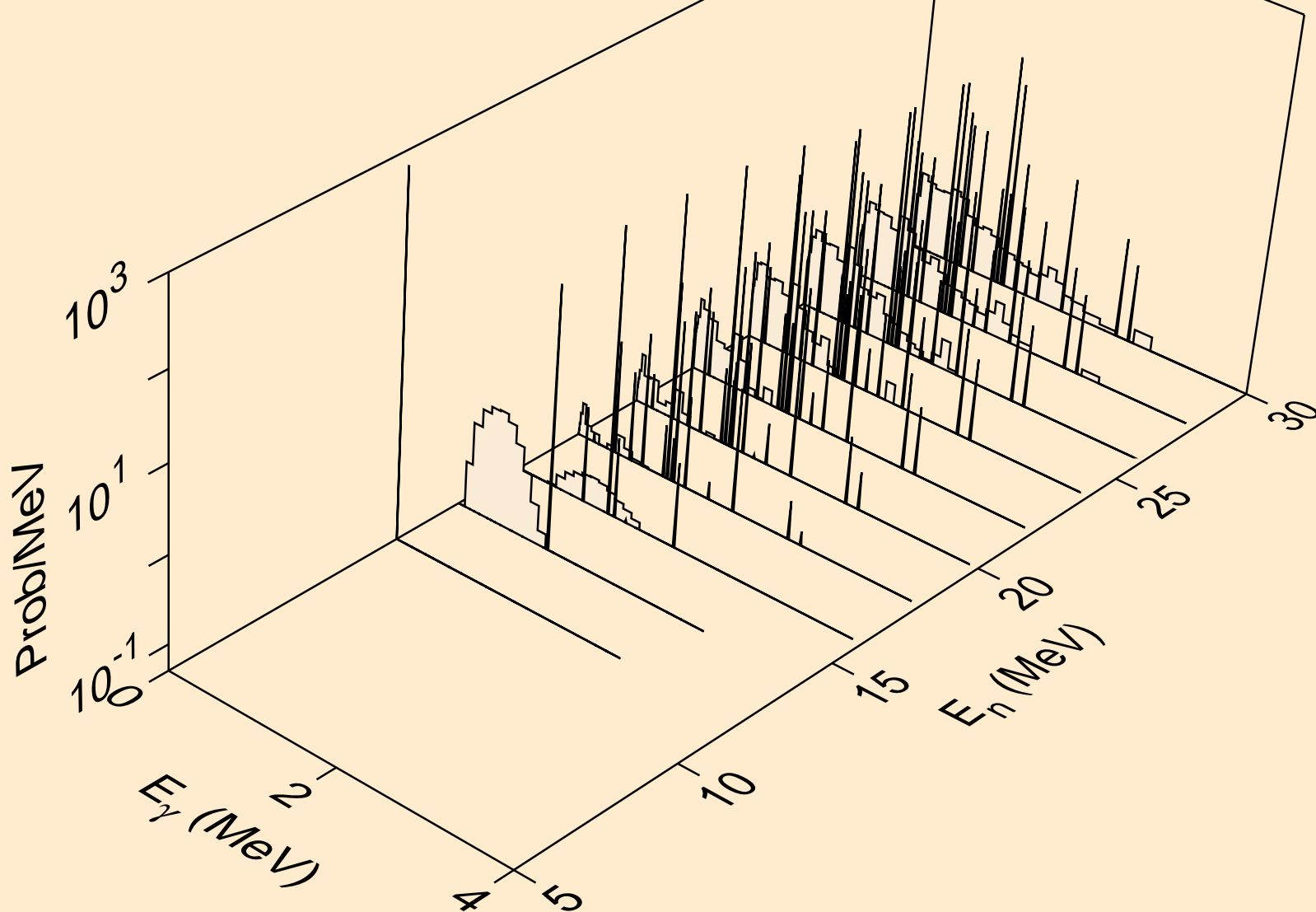
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



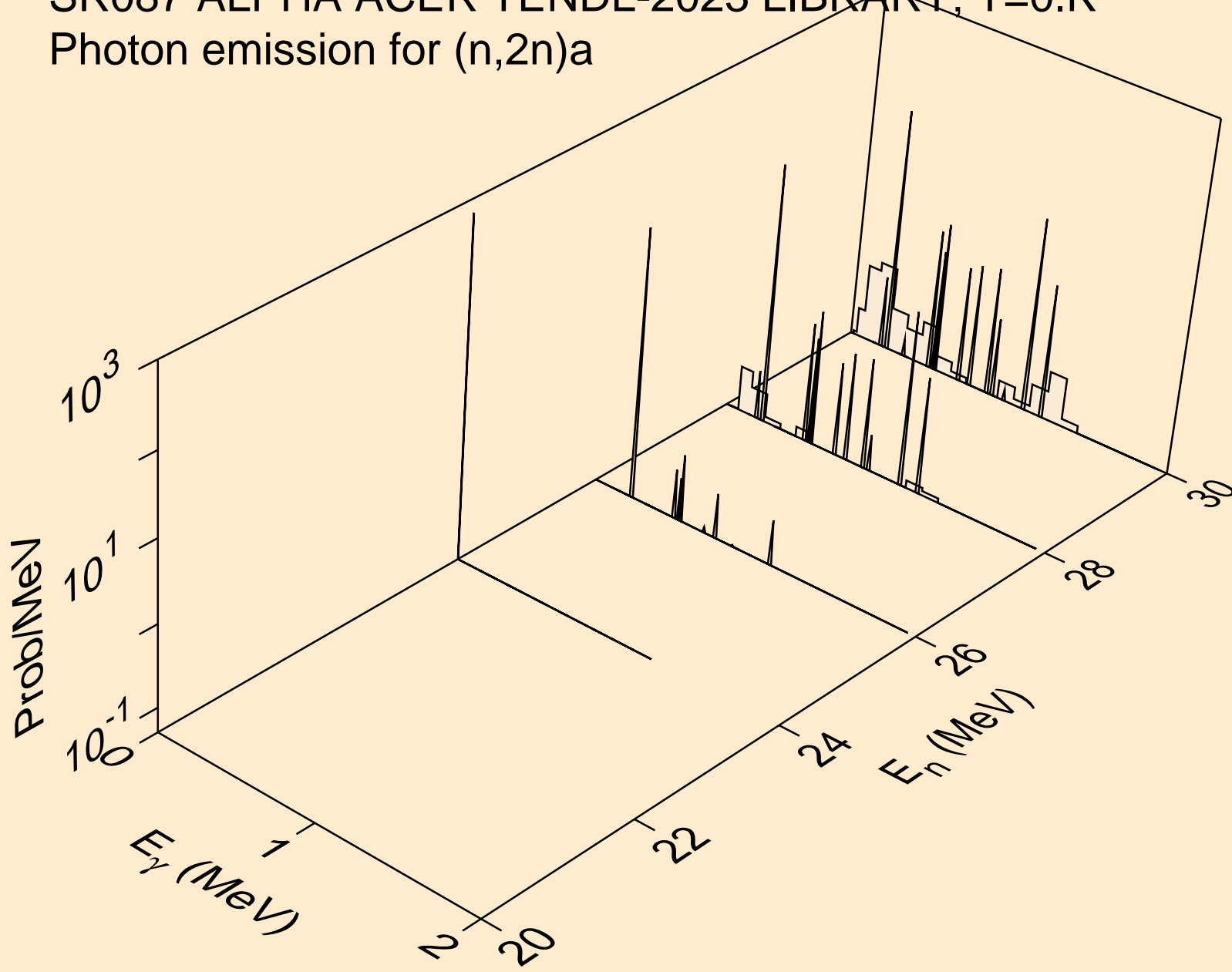
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



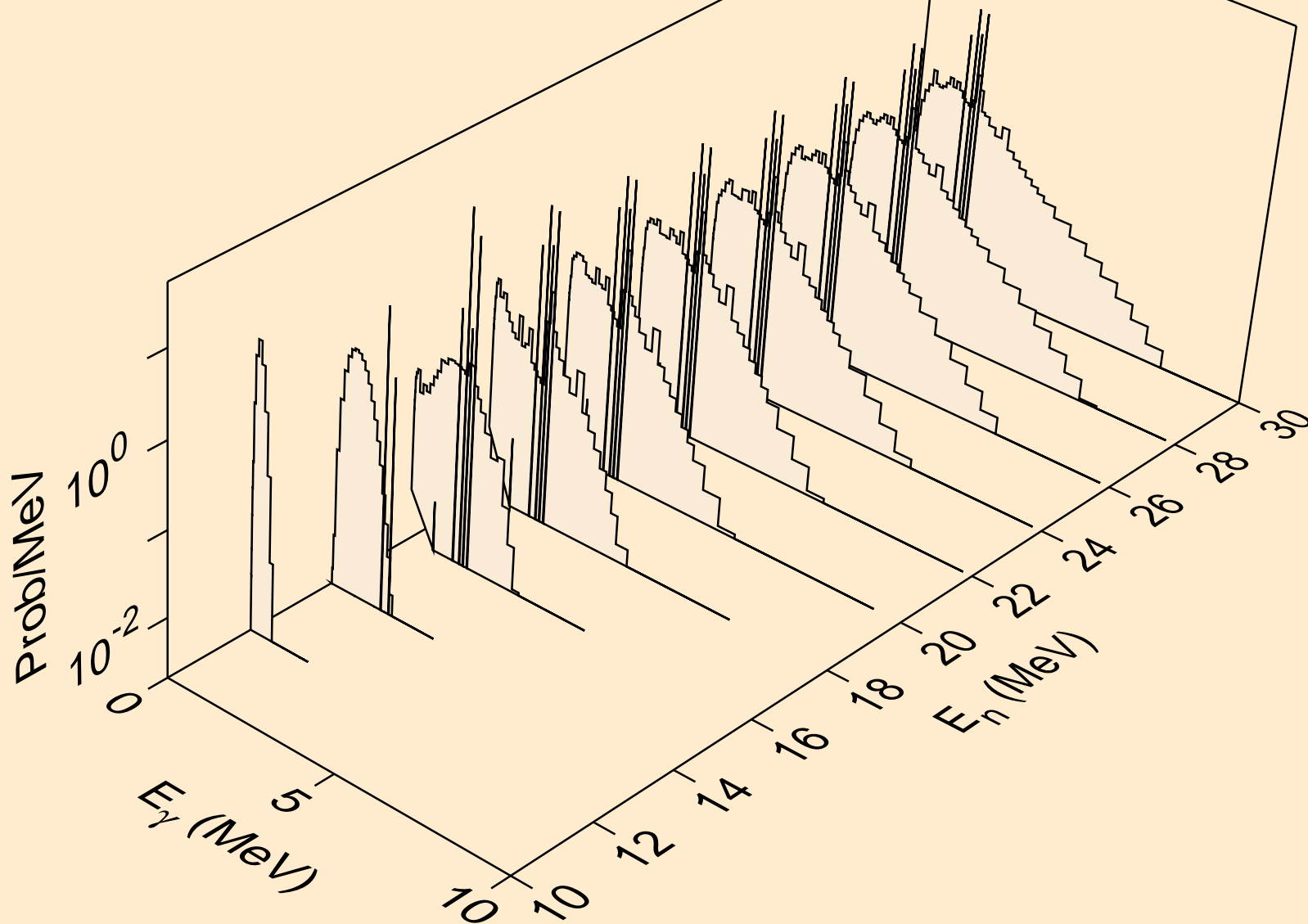
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

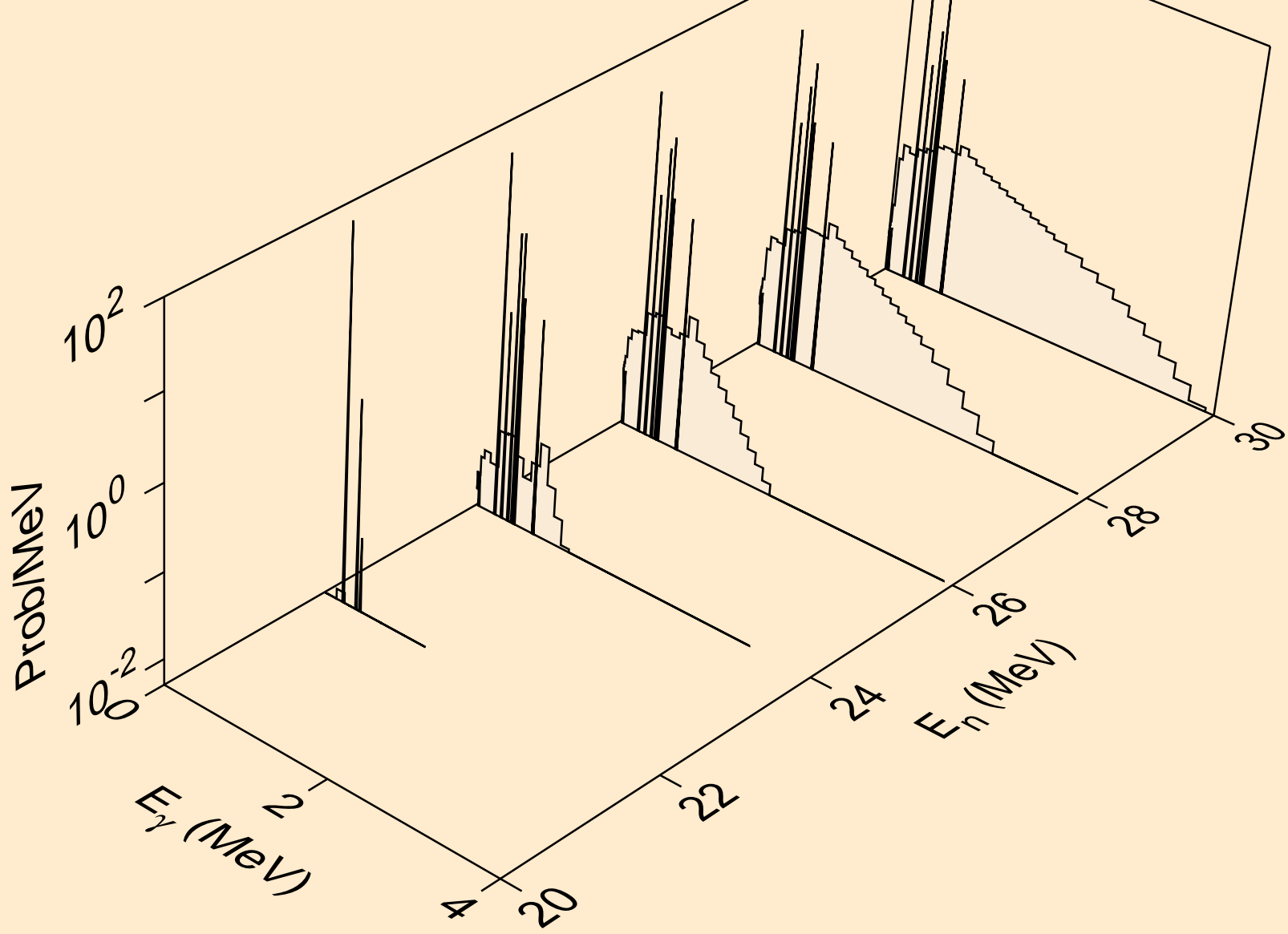


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

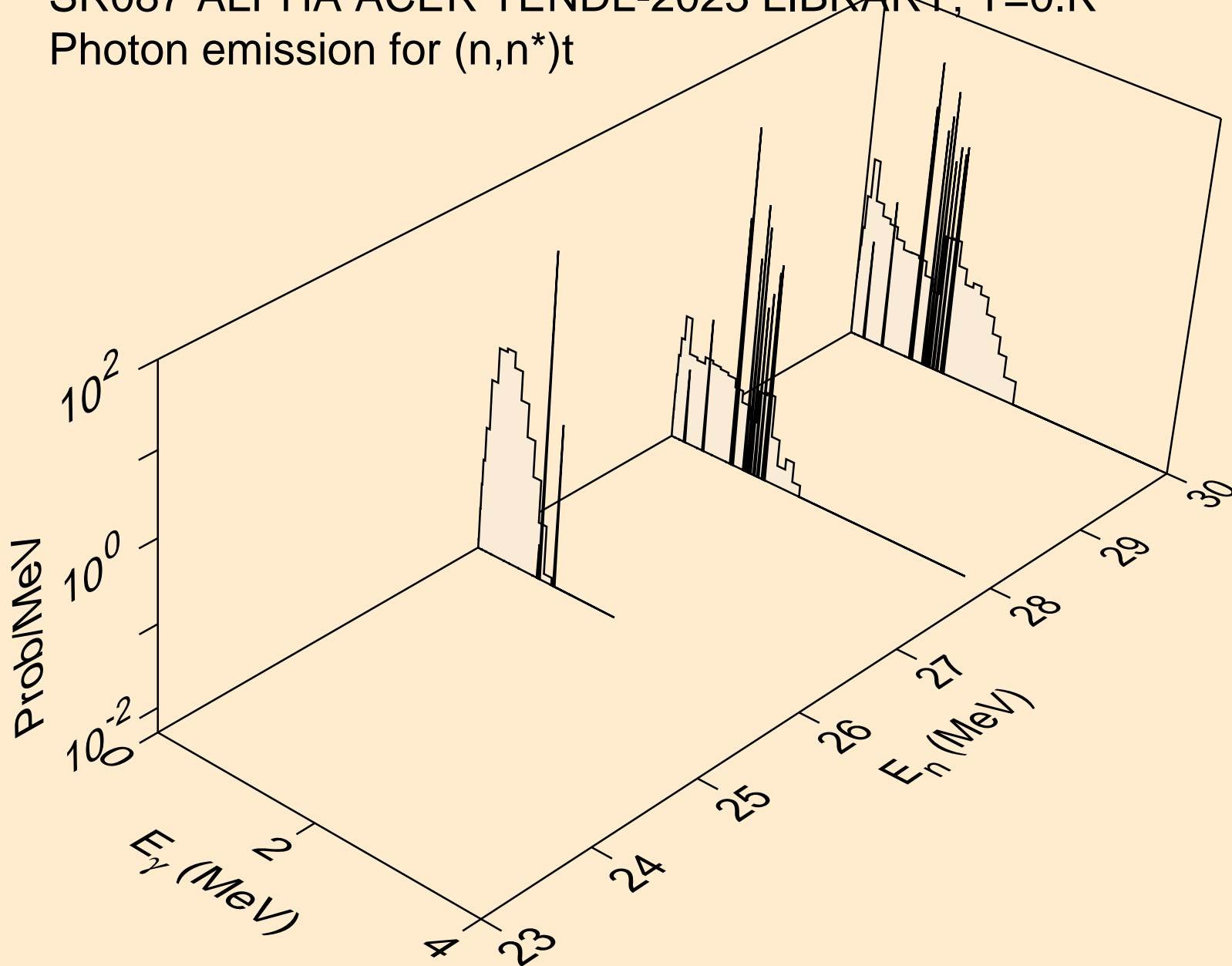


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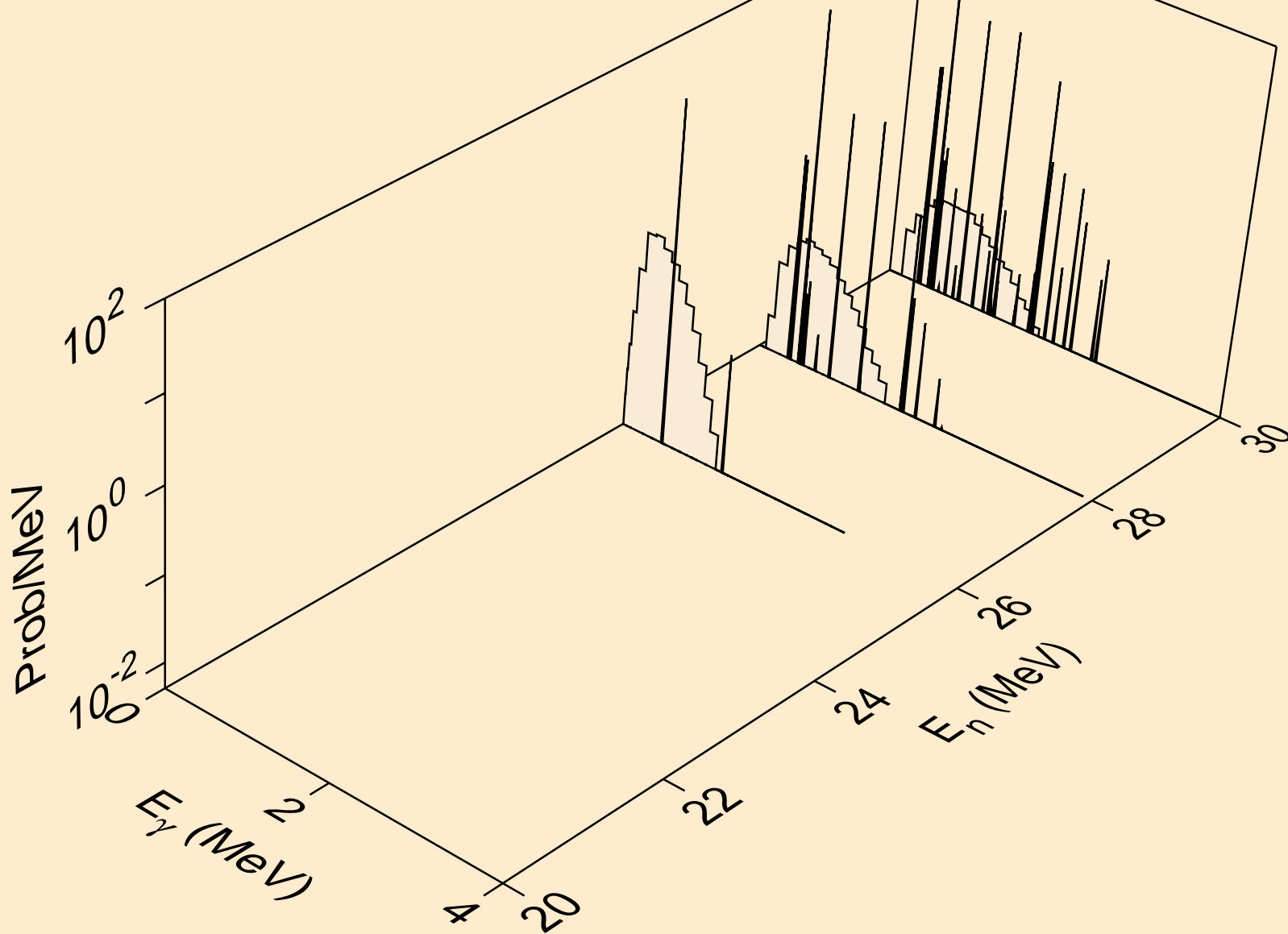
Photon emission for (n,n\*)d



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

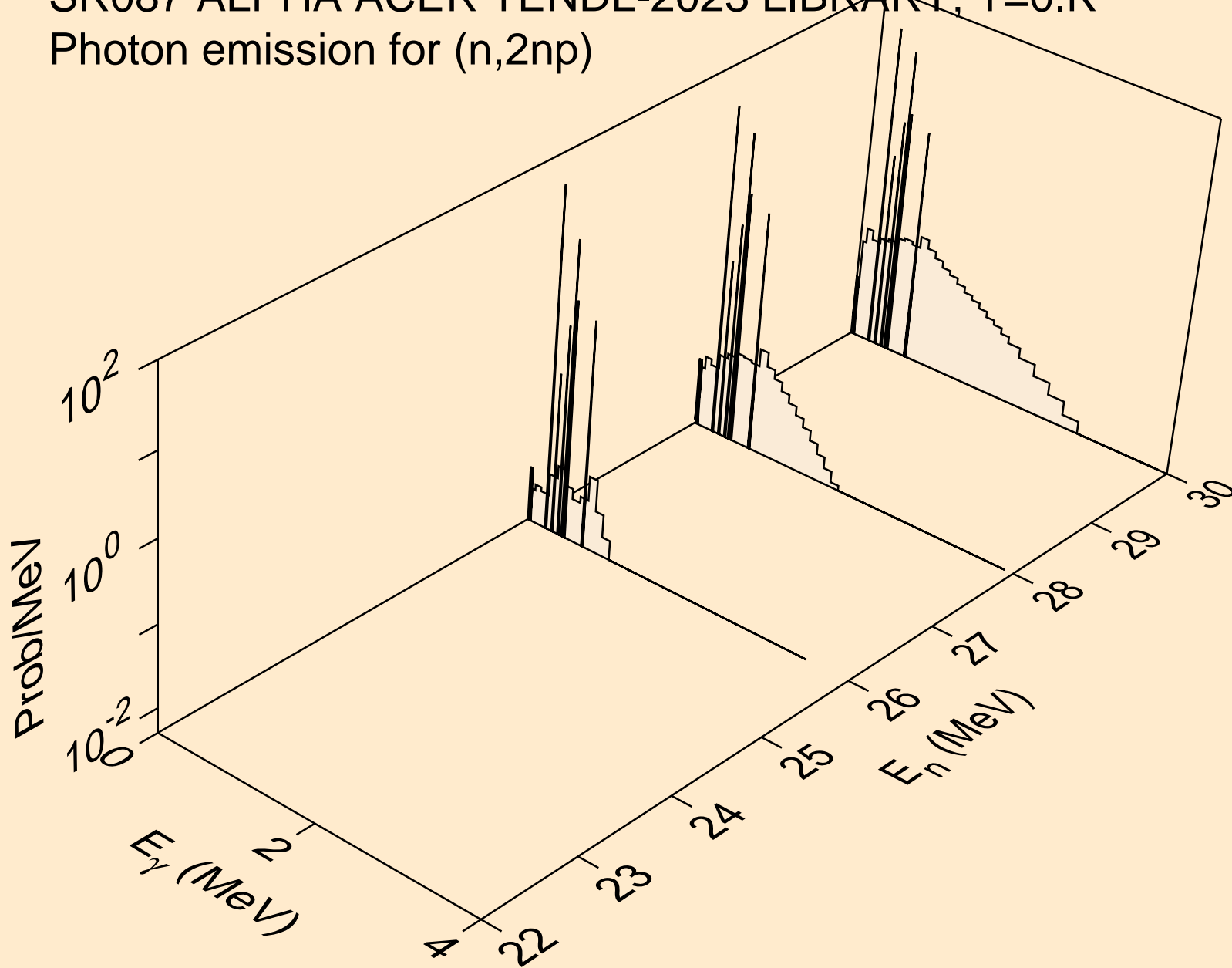


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

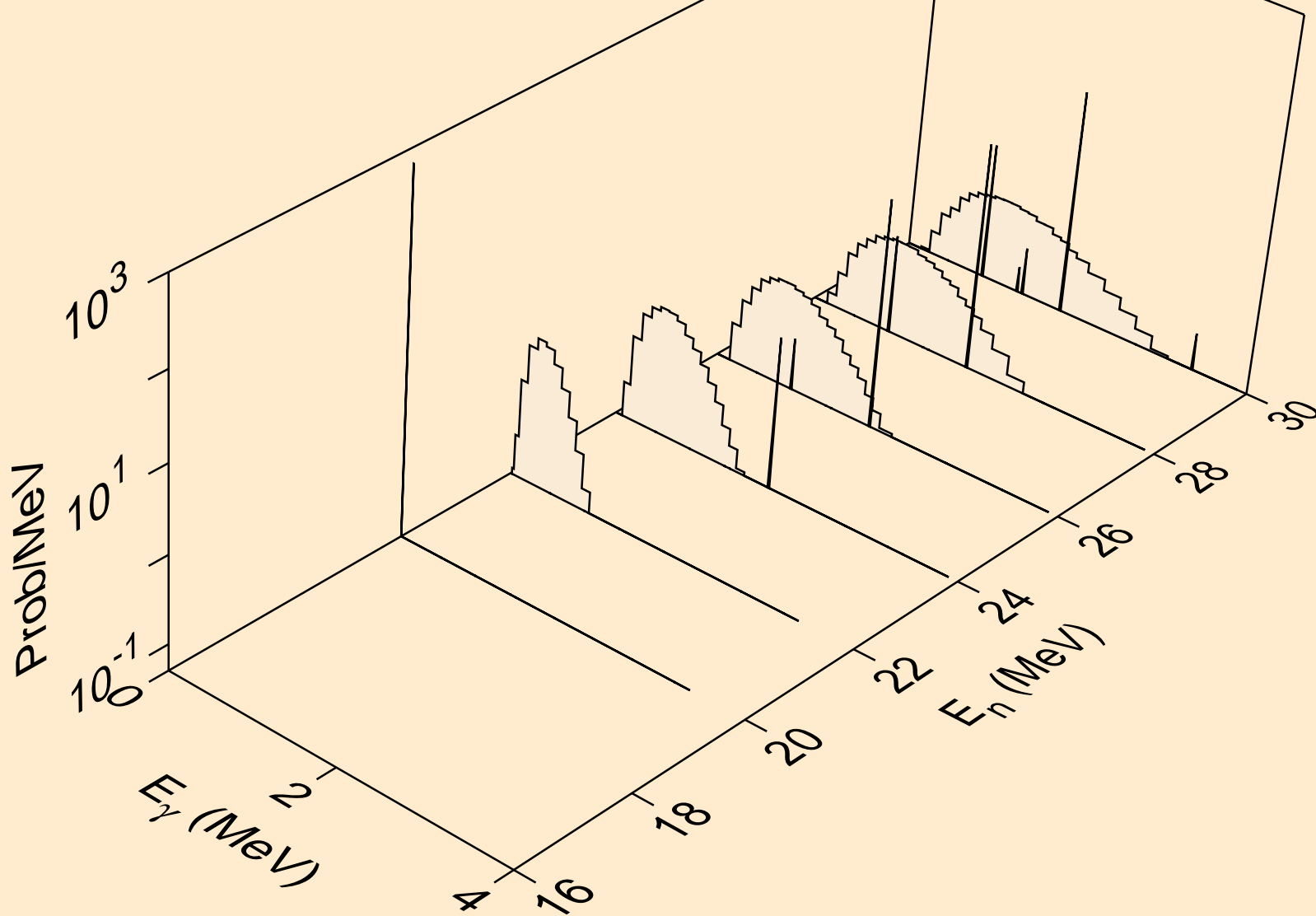




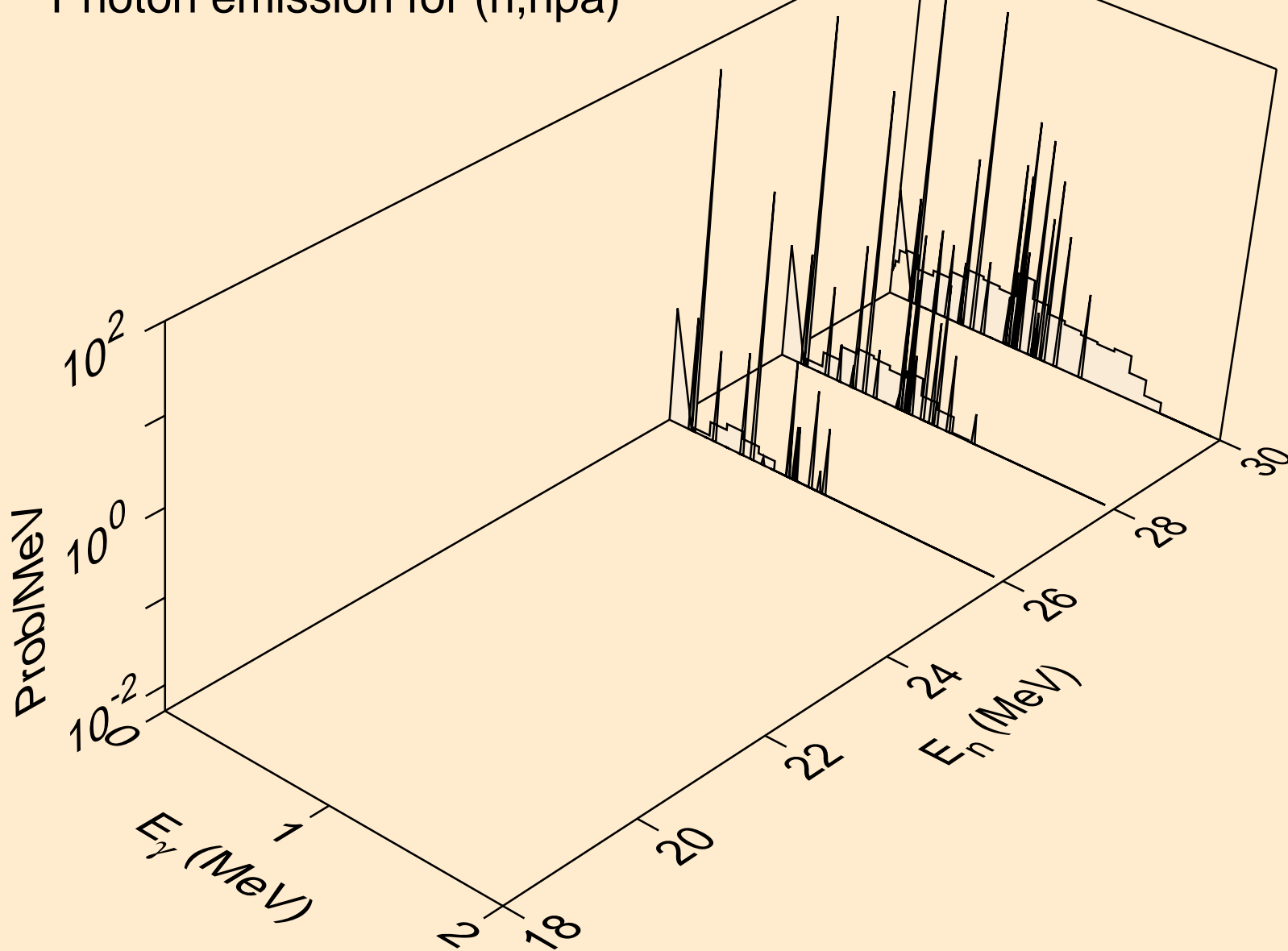
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



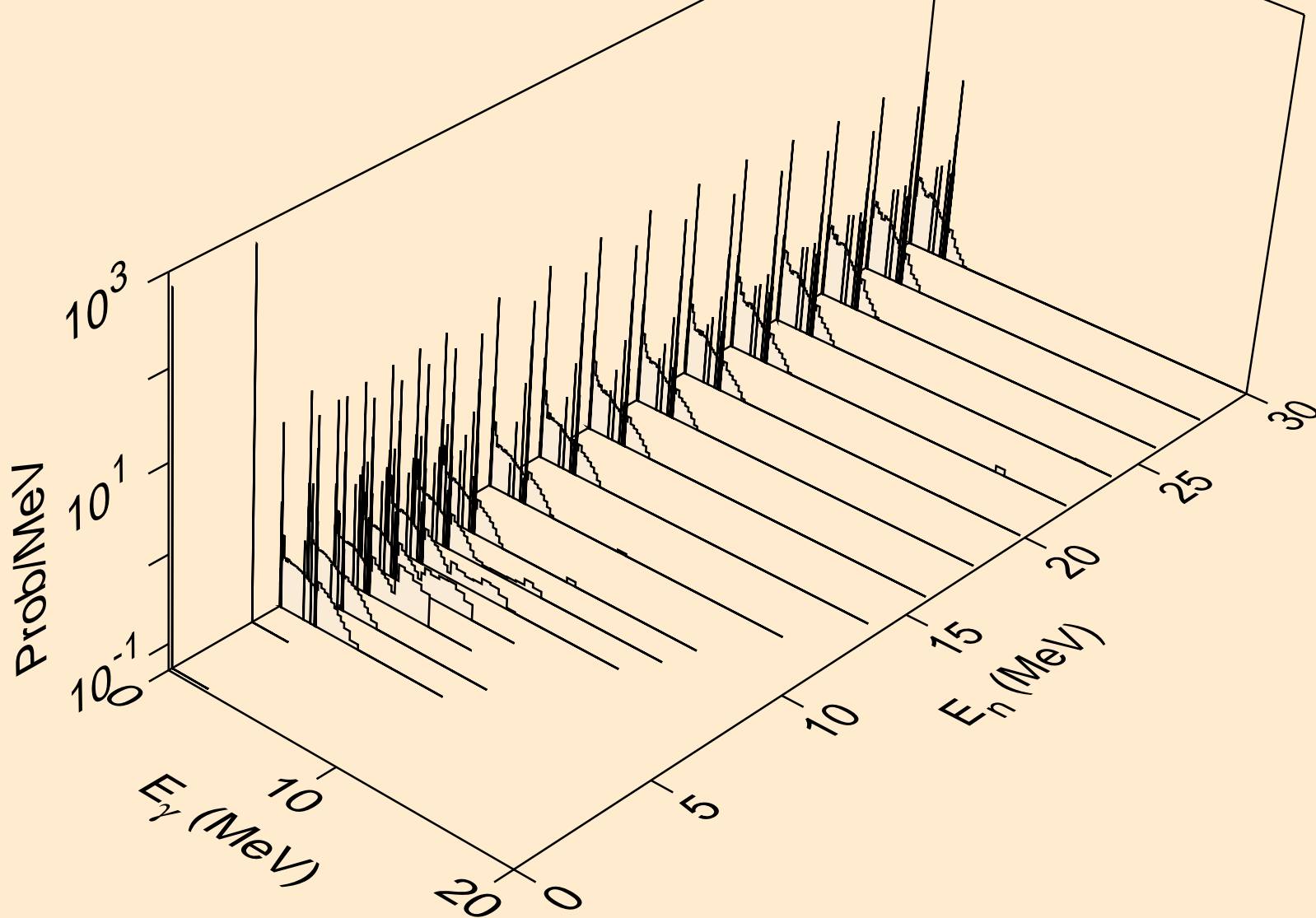
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Photon emission for (n,n2p)



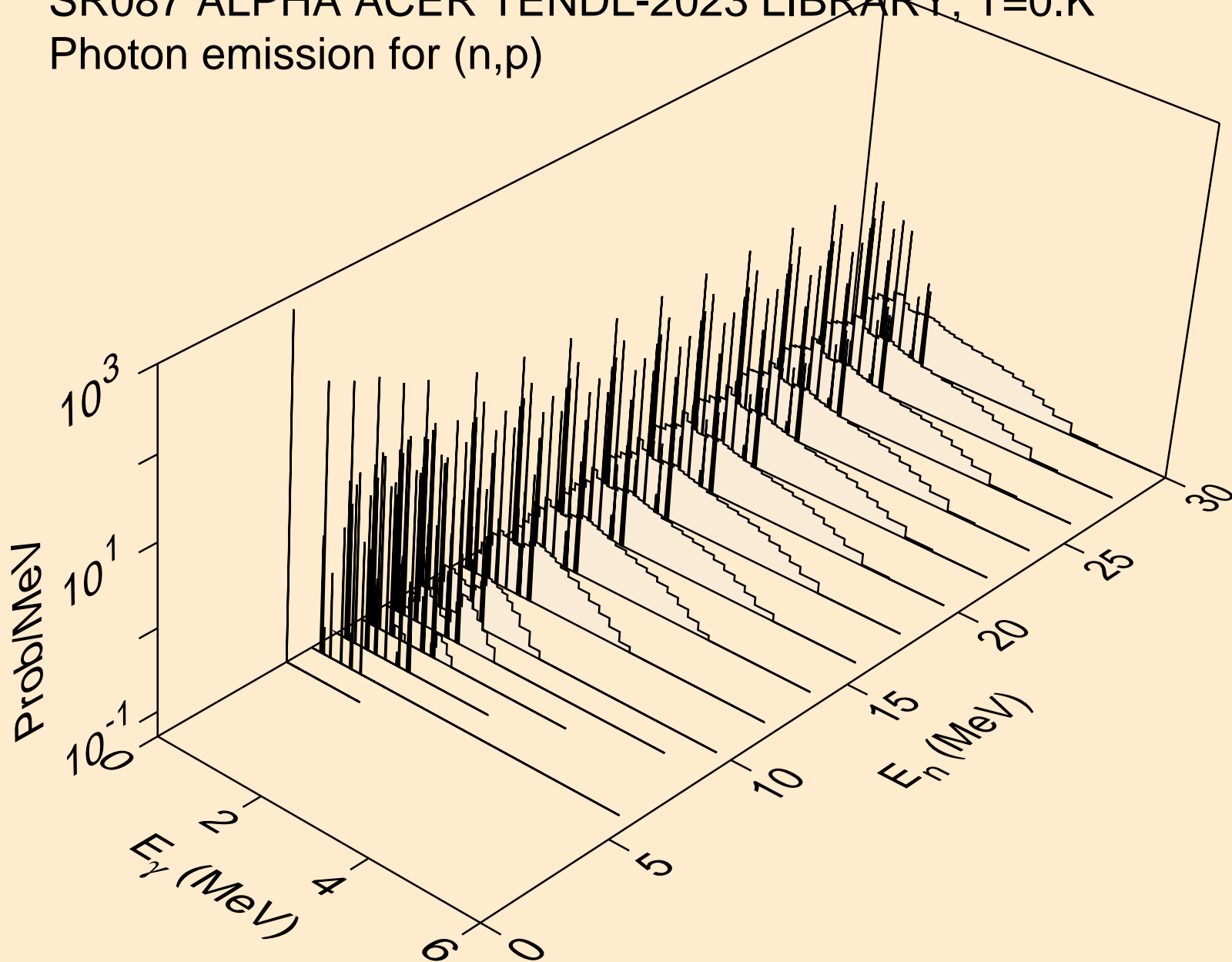
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Photon emission for (n,npa)



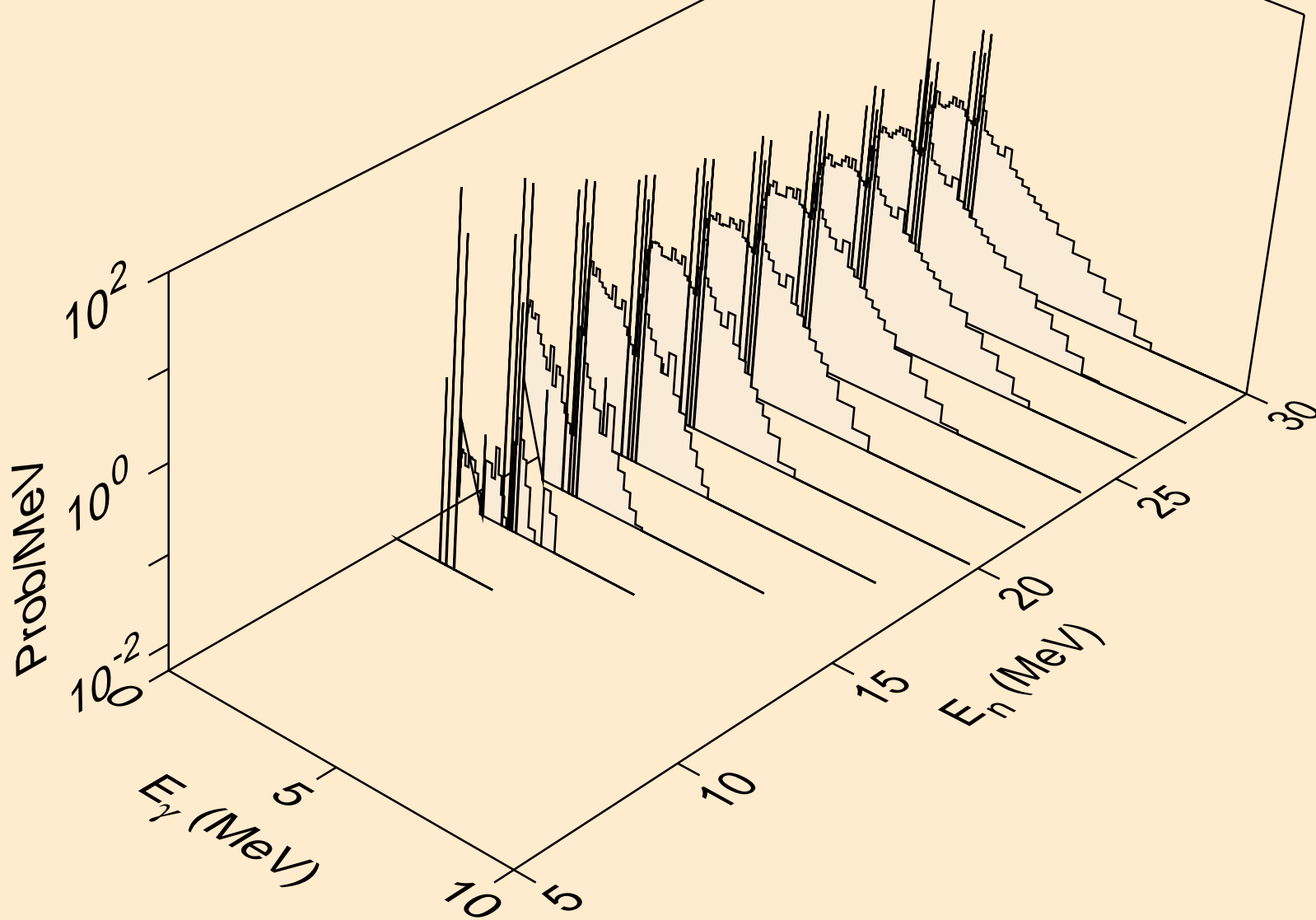
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Photon emission for (n,gma)



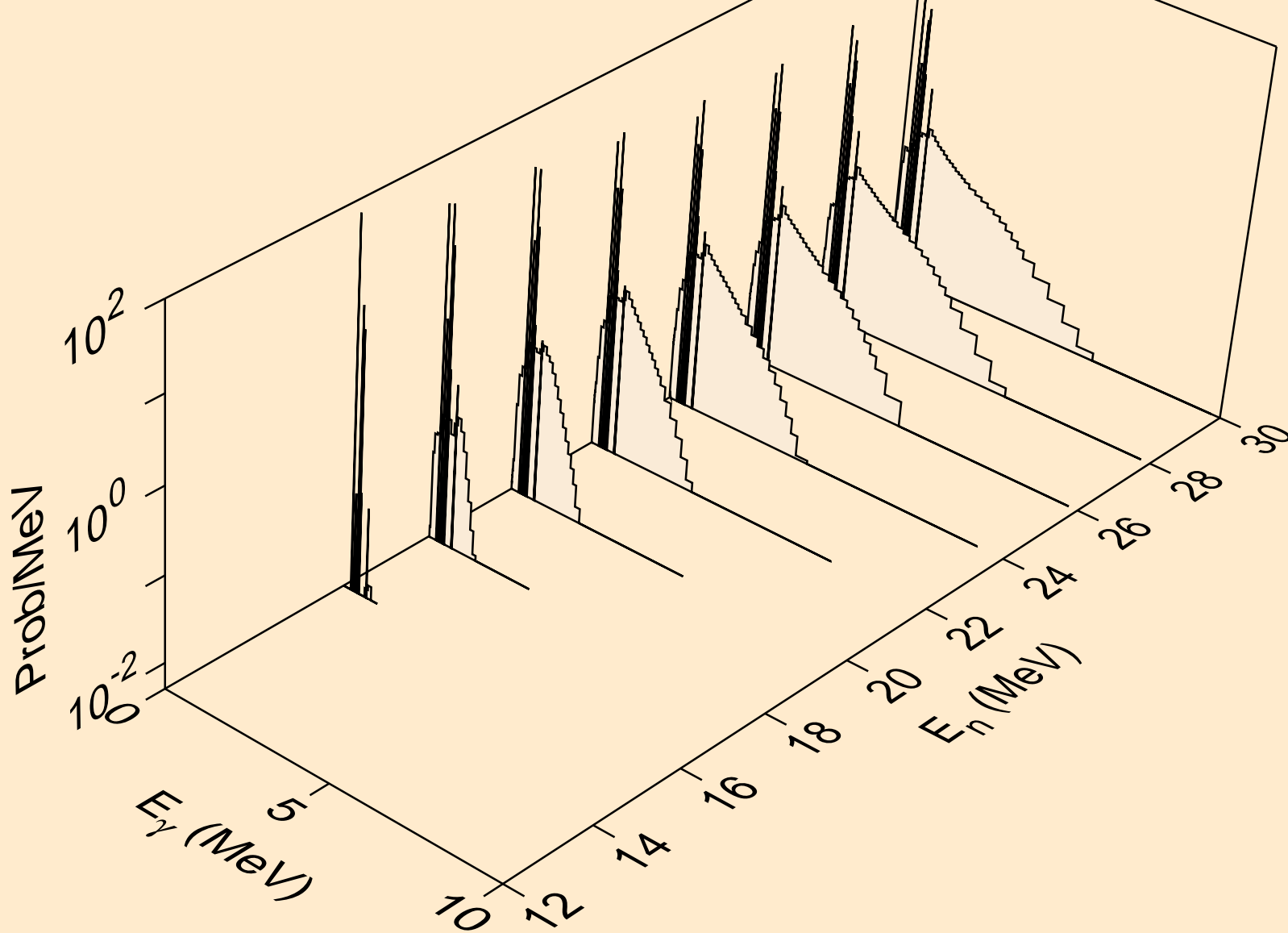
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Photon emission for (n,p)



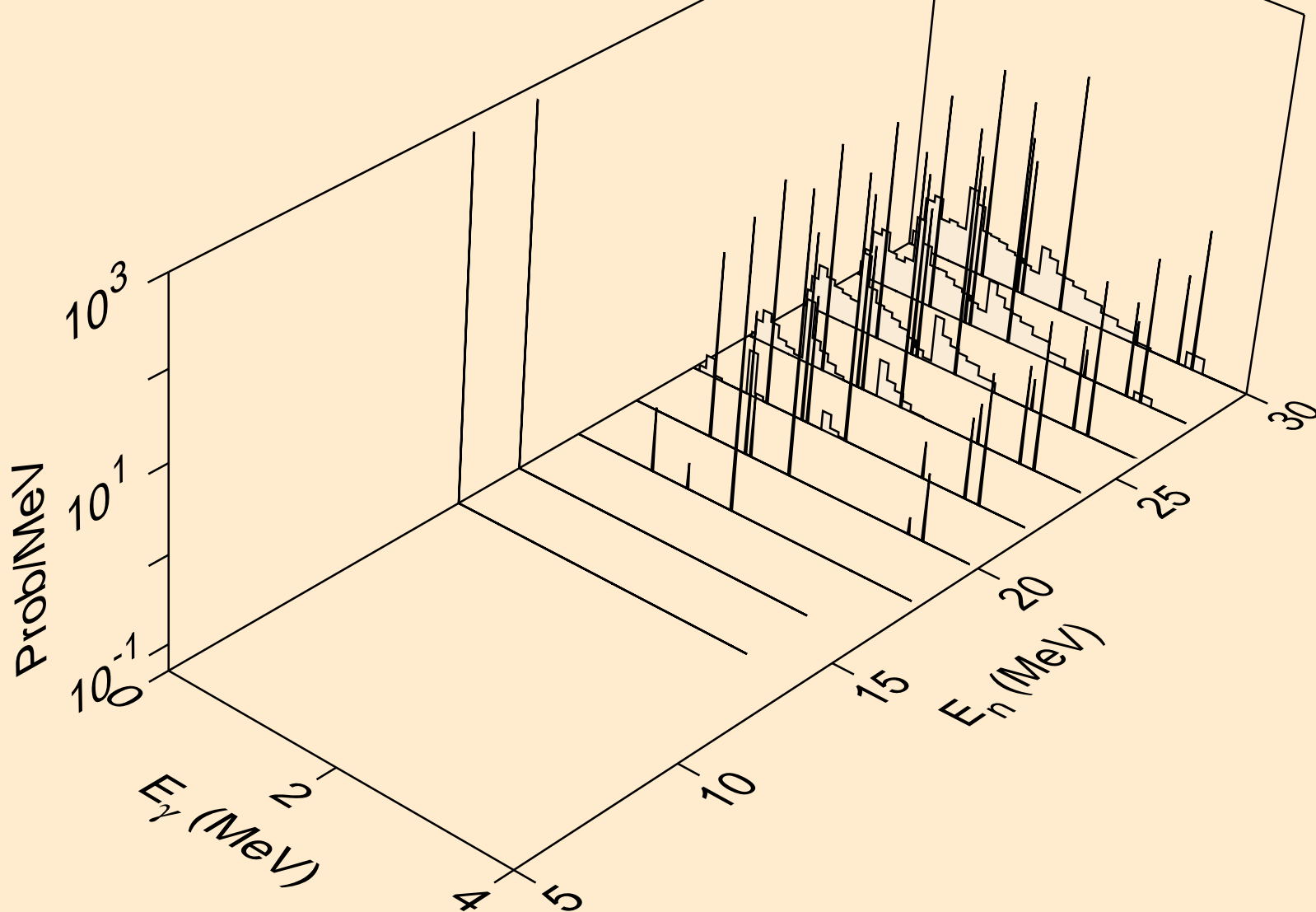
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

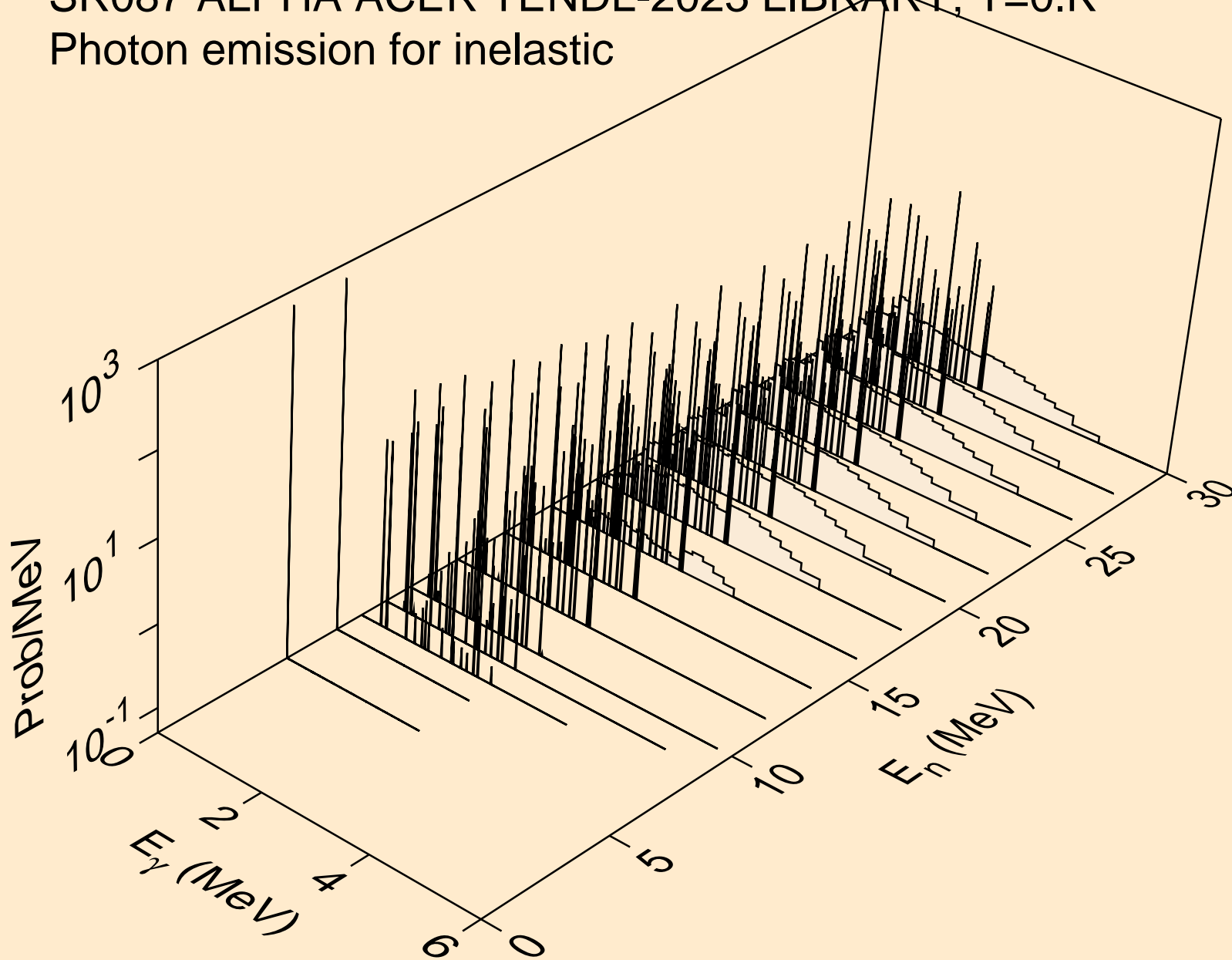


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Photon emission for (n,he3)

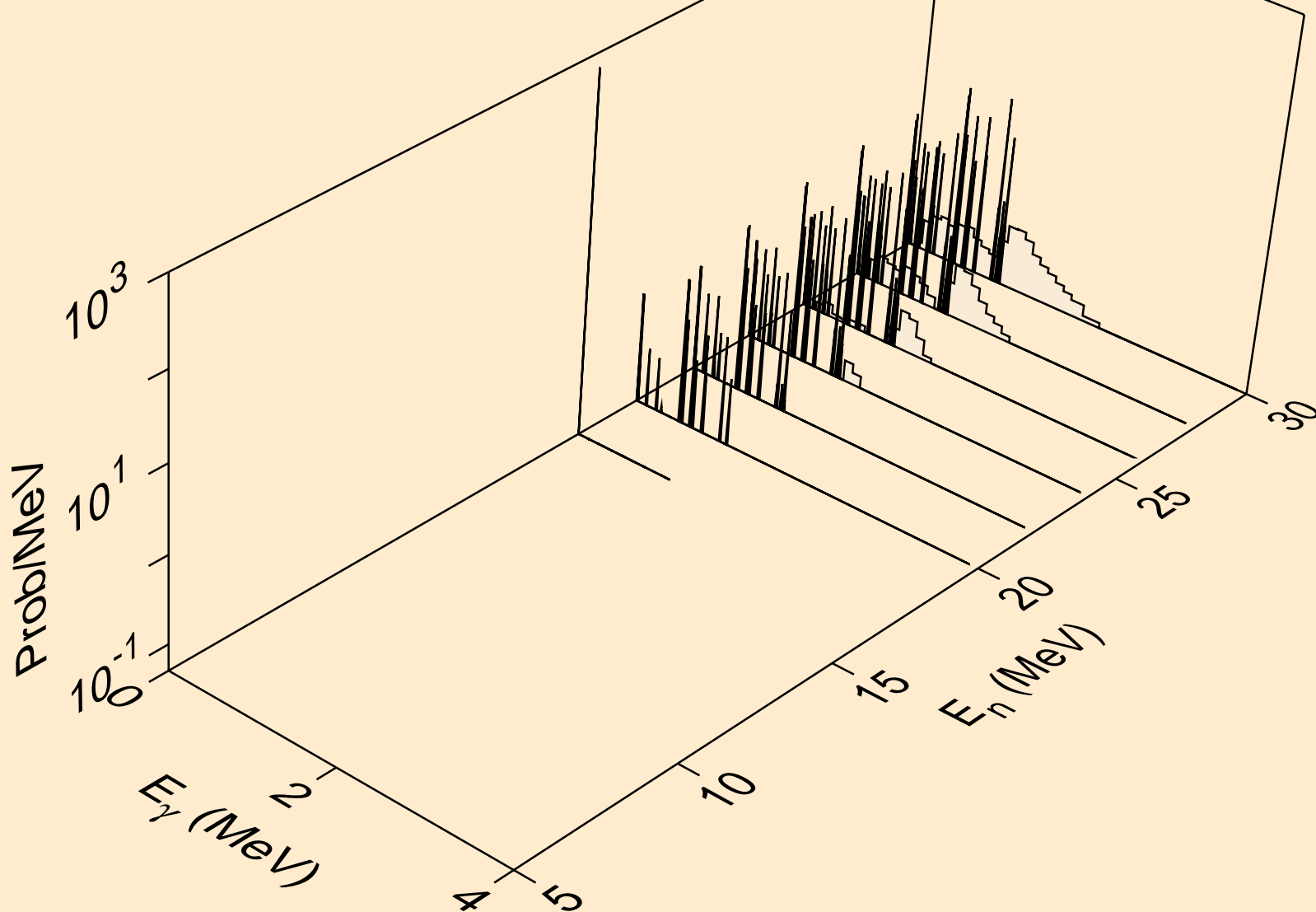




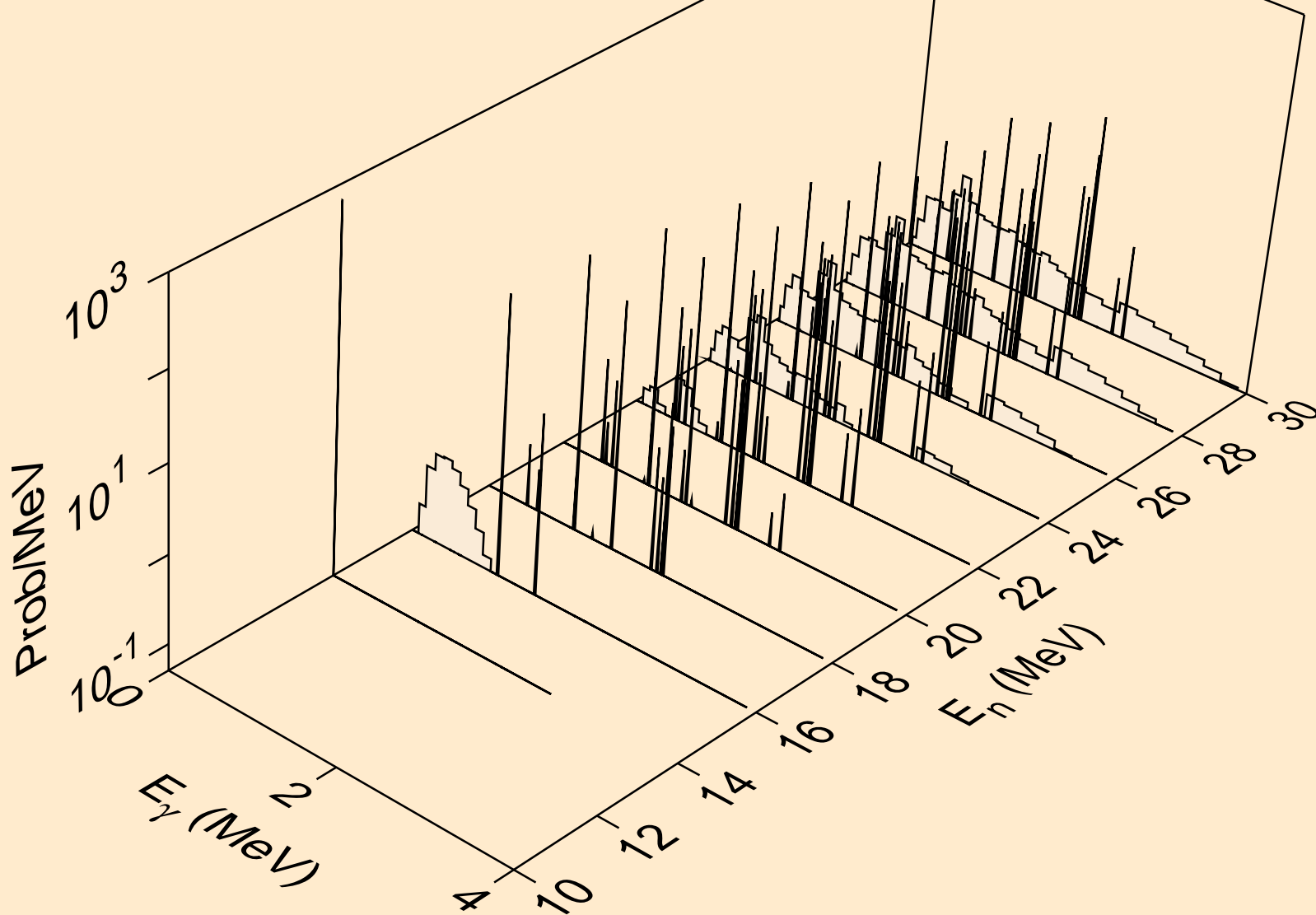
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



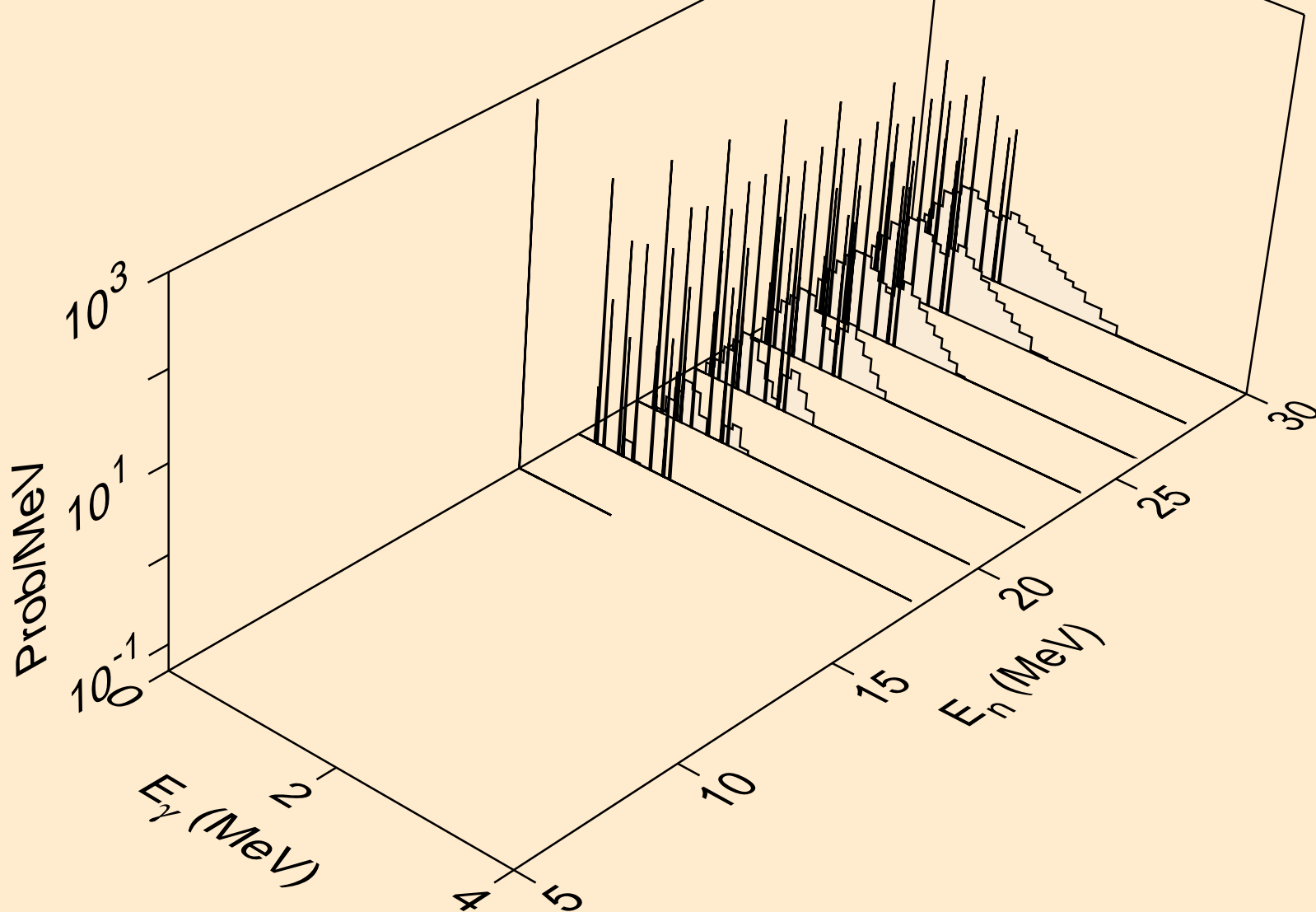
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Photon emission for (n,2a)



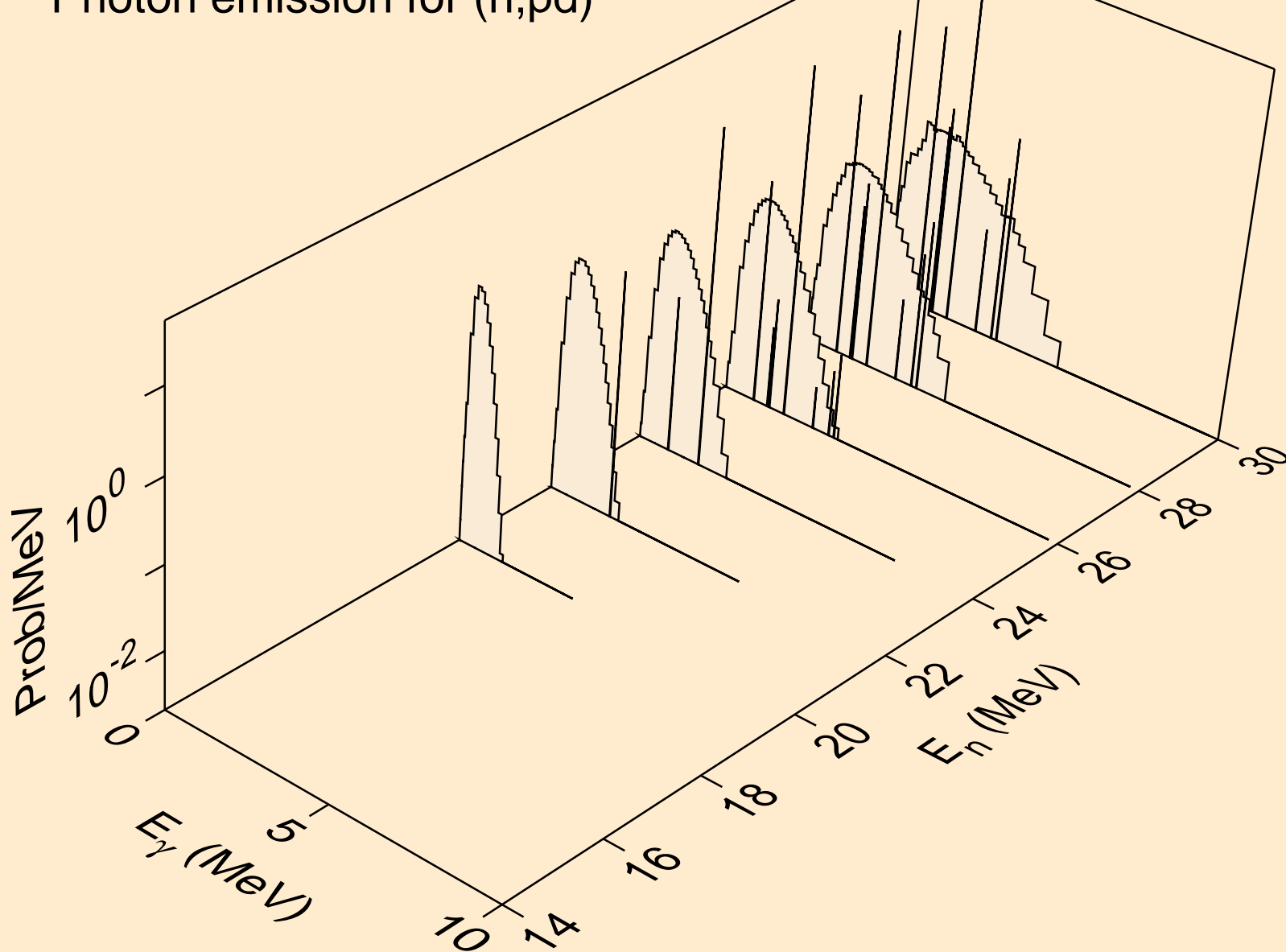
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Photon emission for (n,2p)



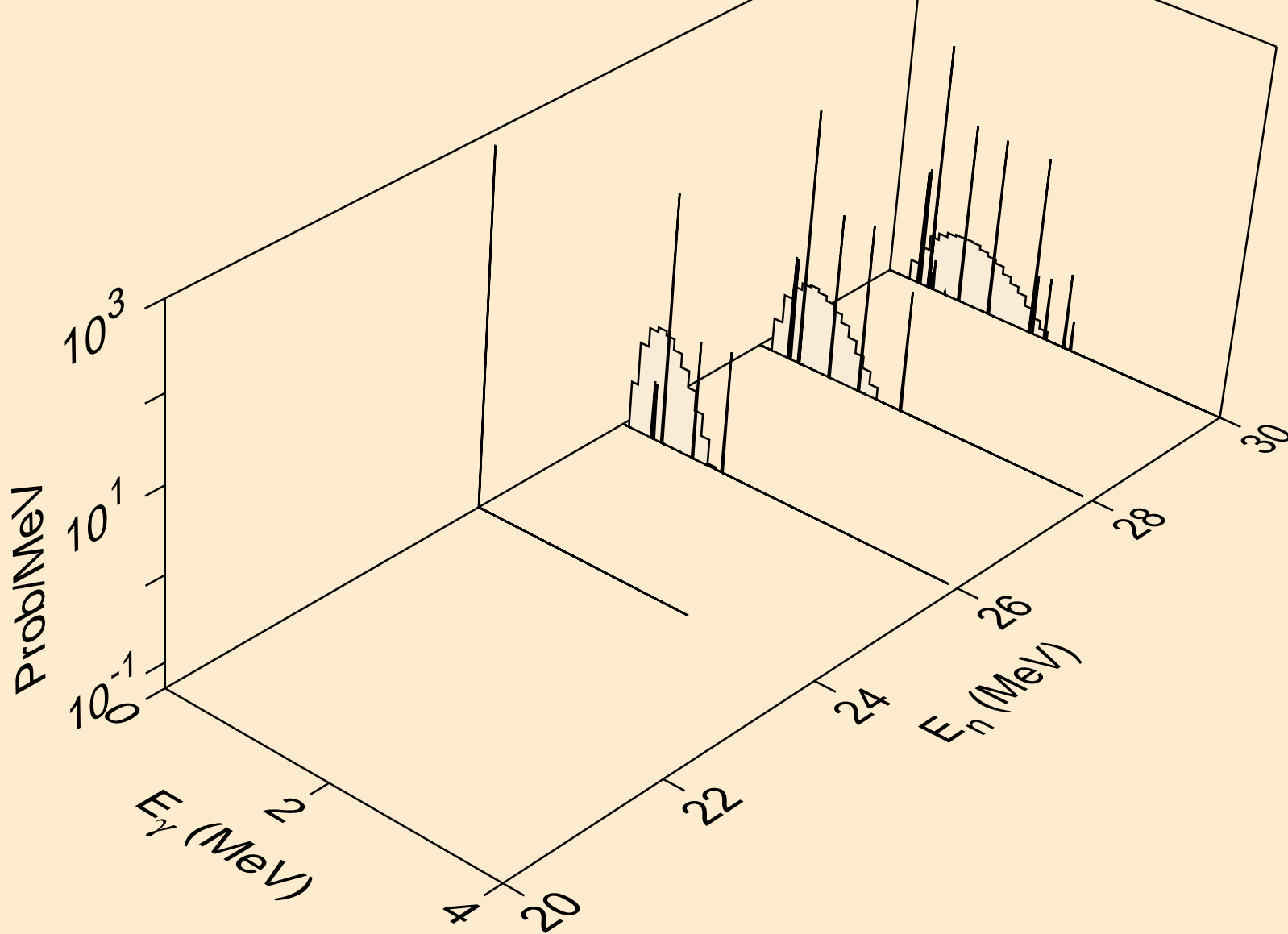
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

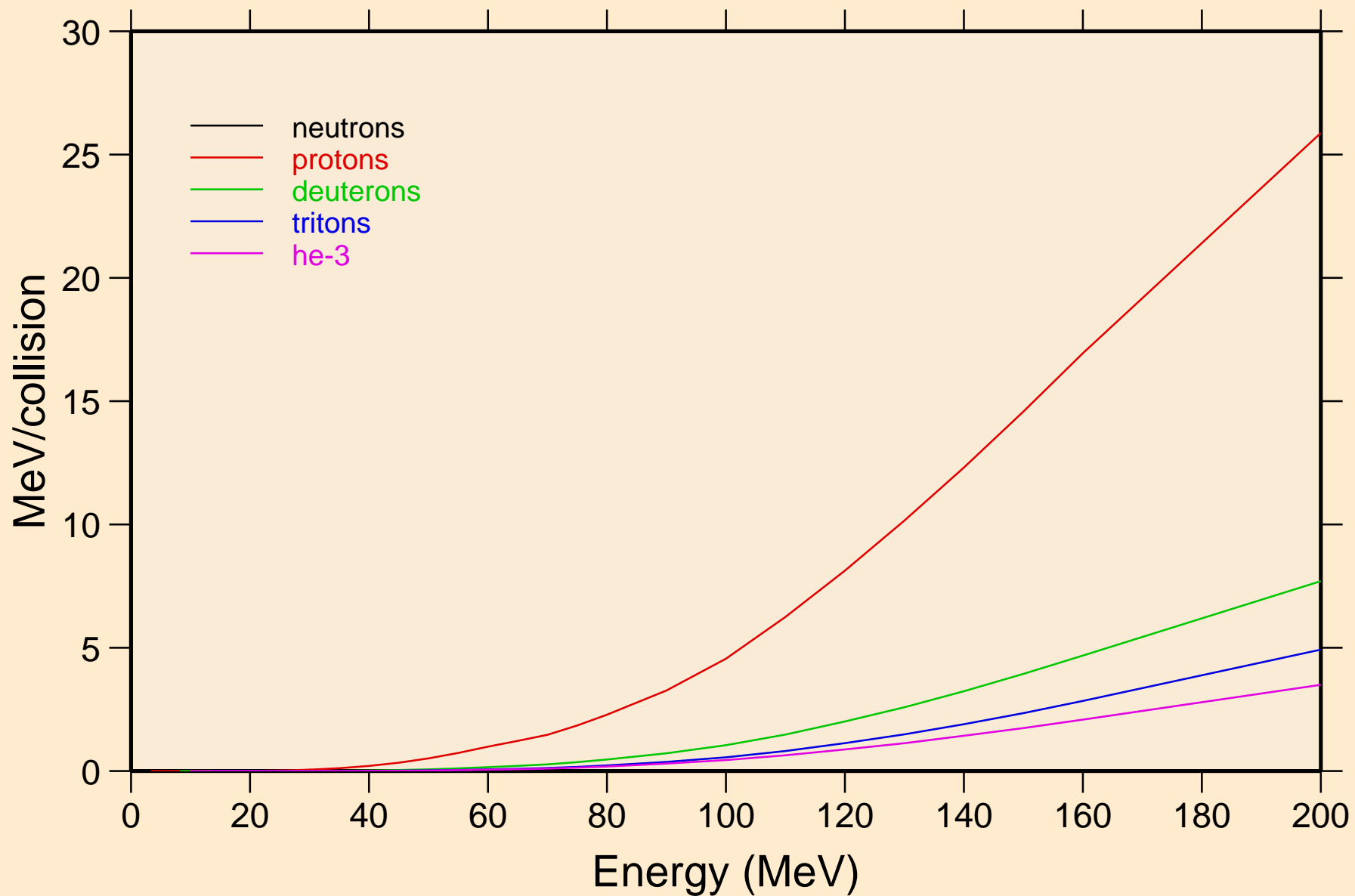


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

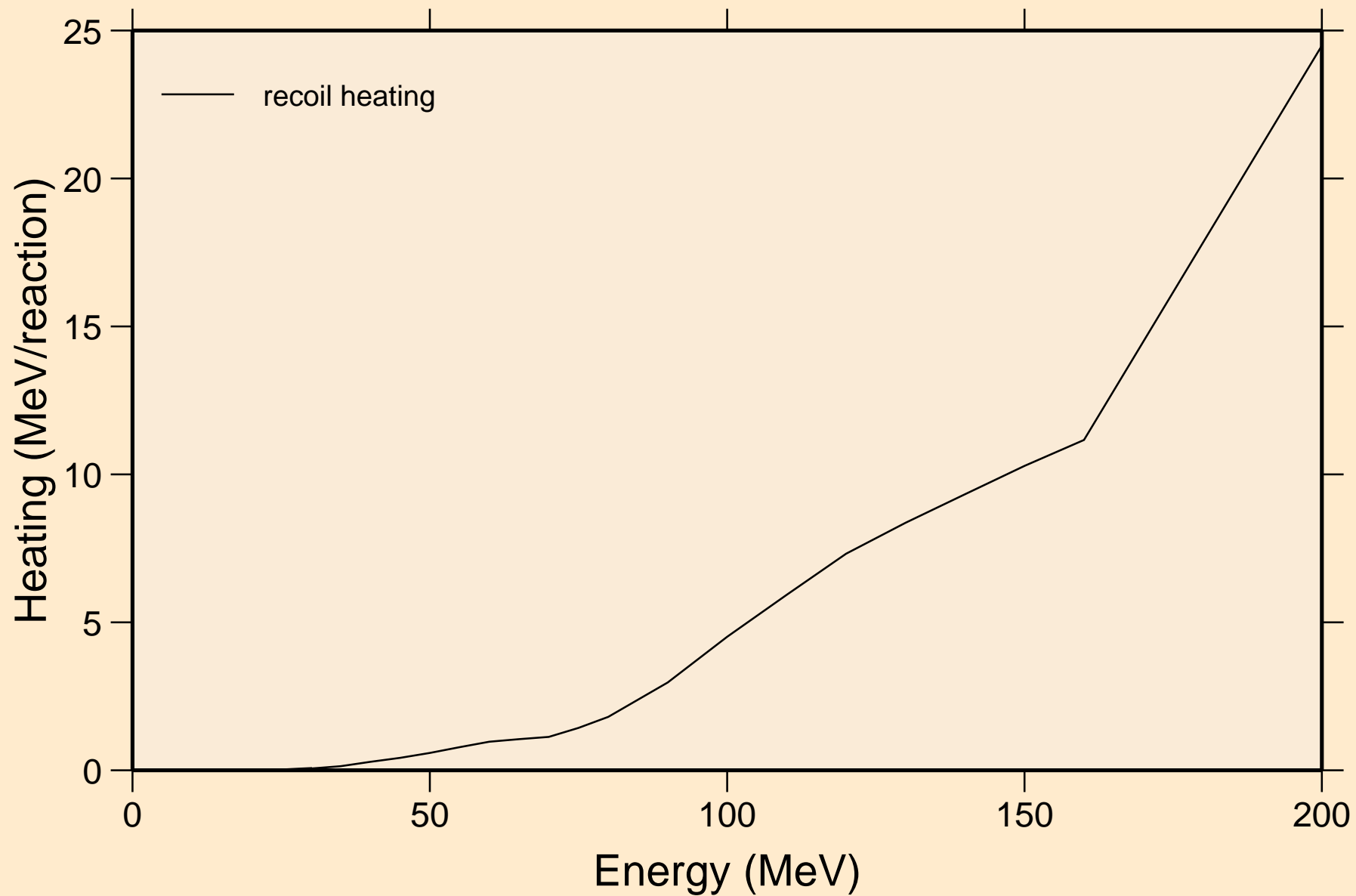


# SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



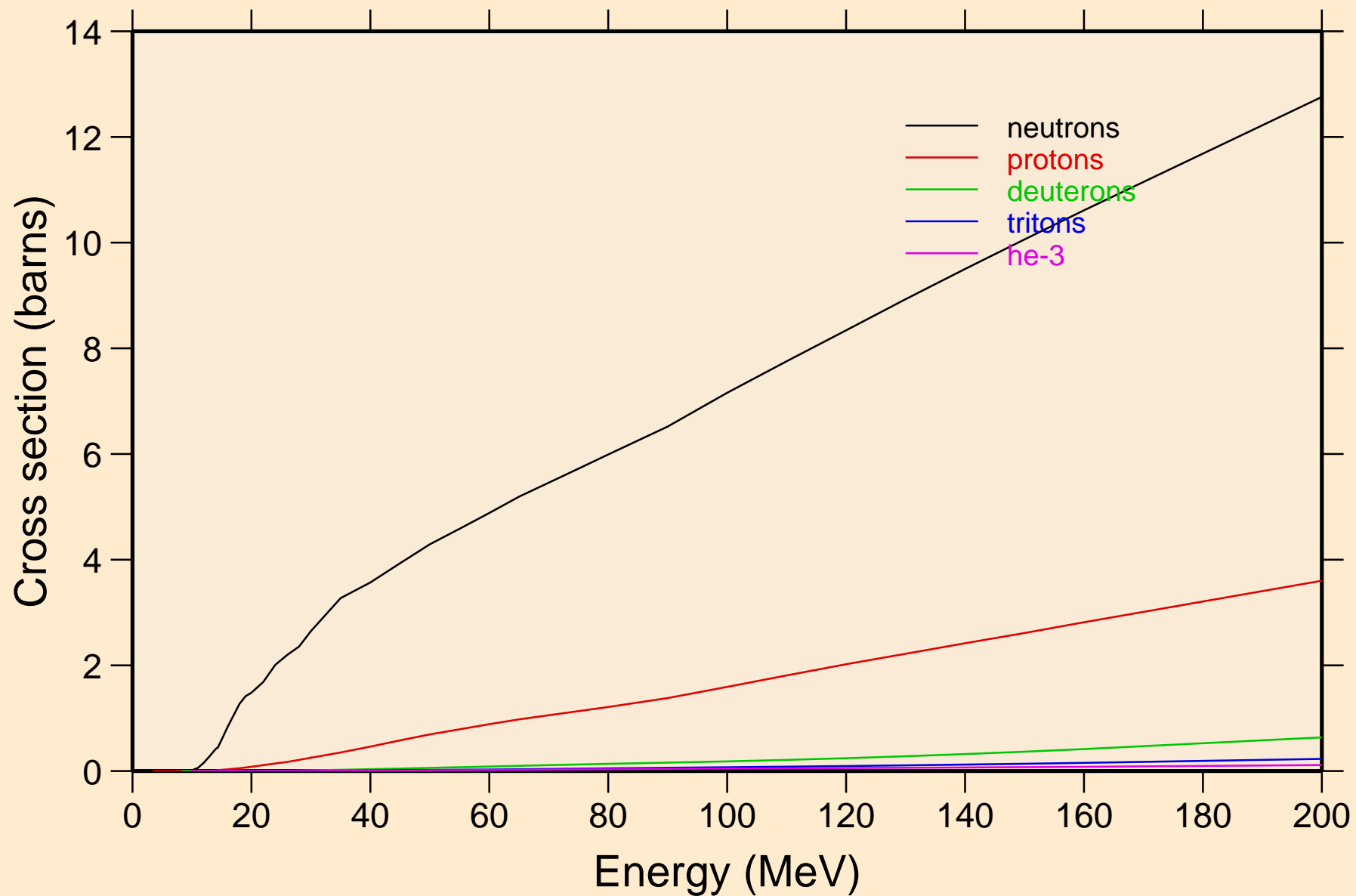
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



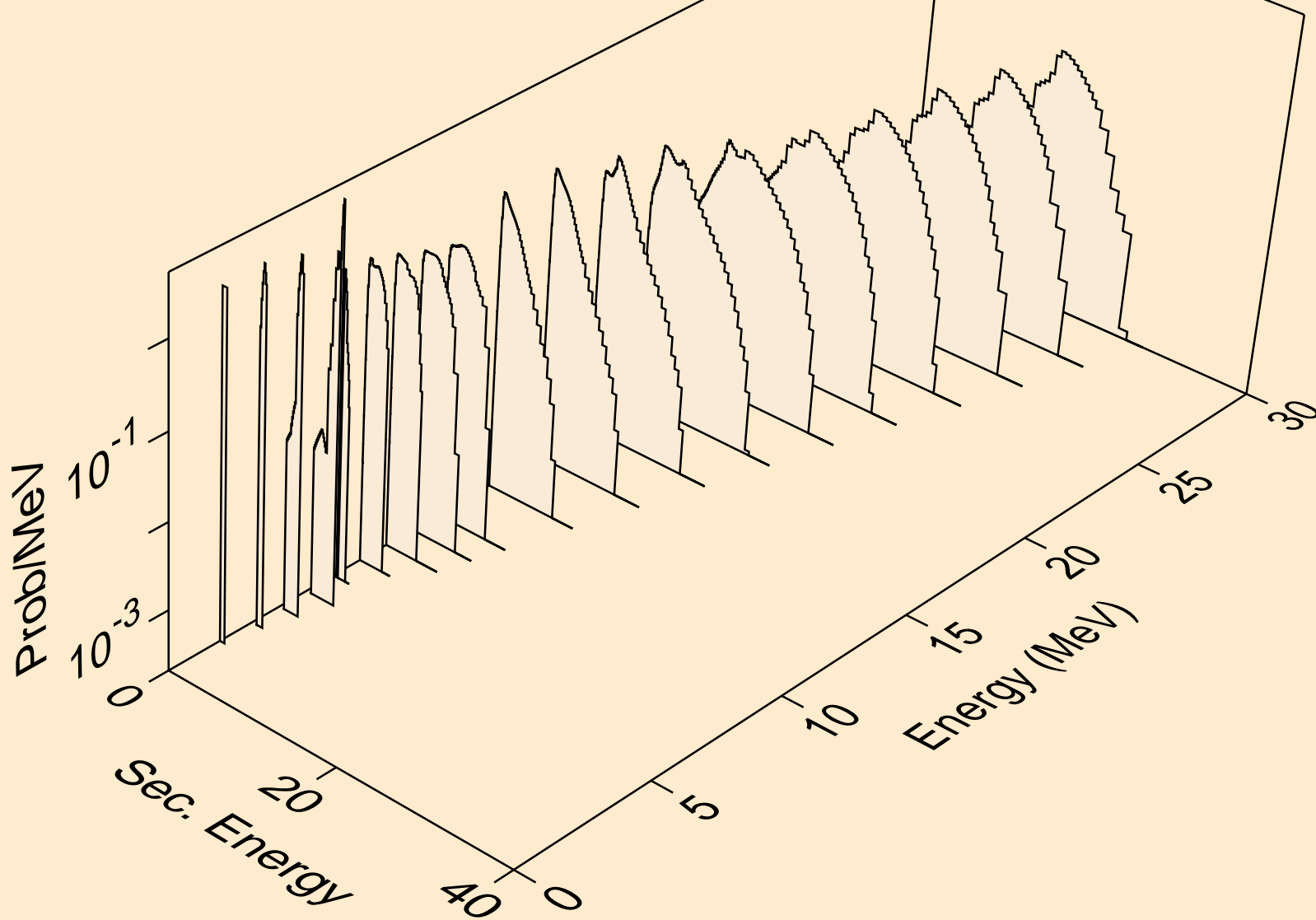


# SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

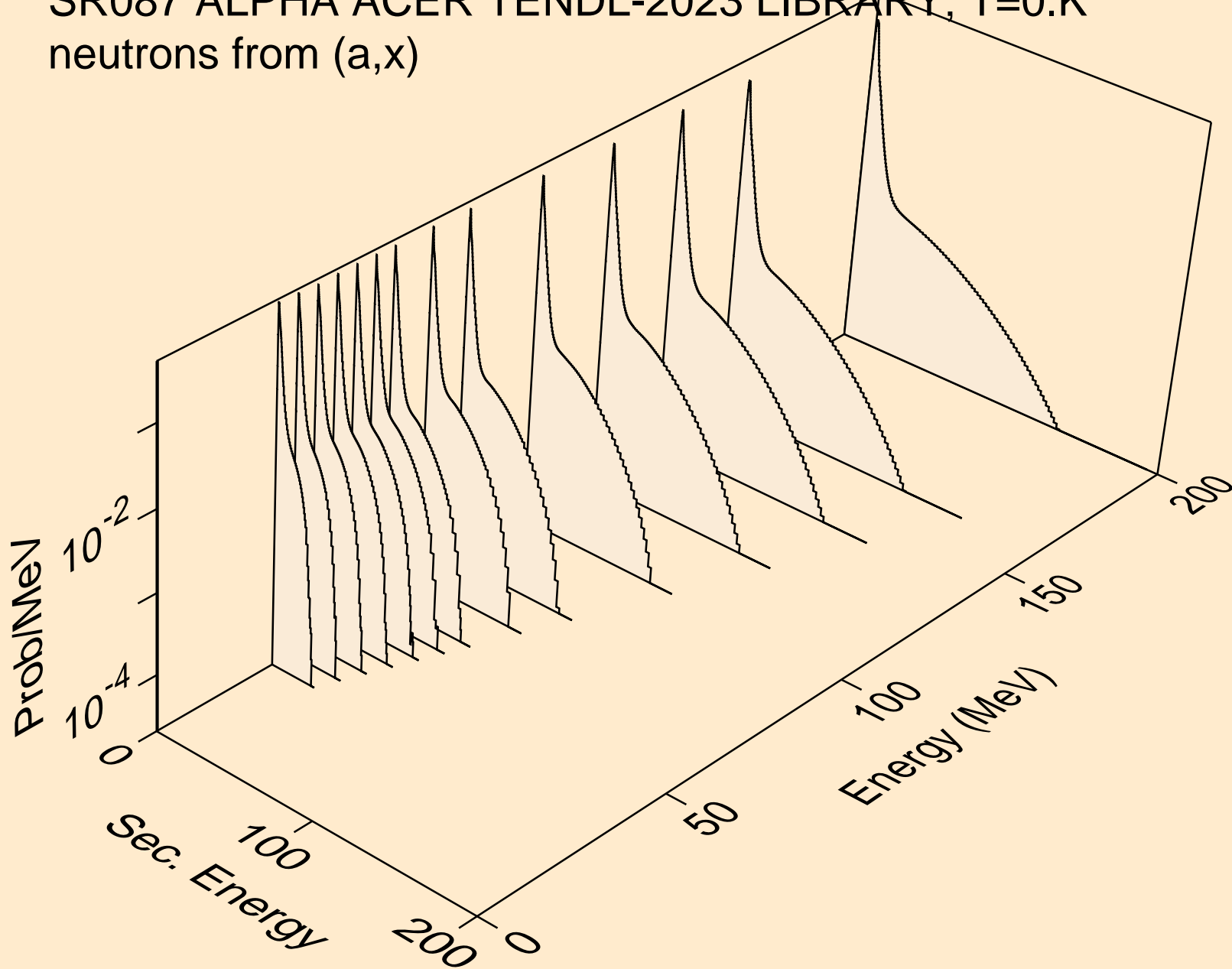
## Particle production cross sections



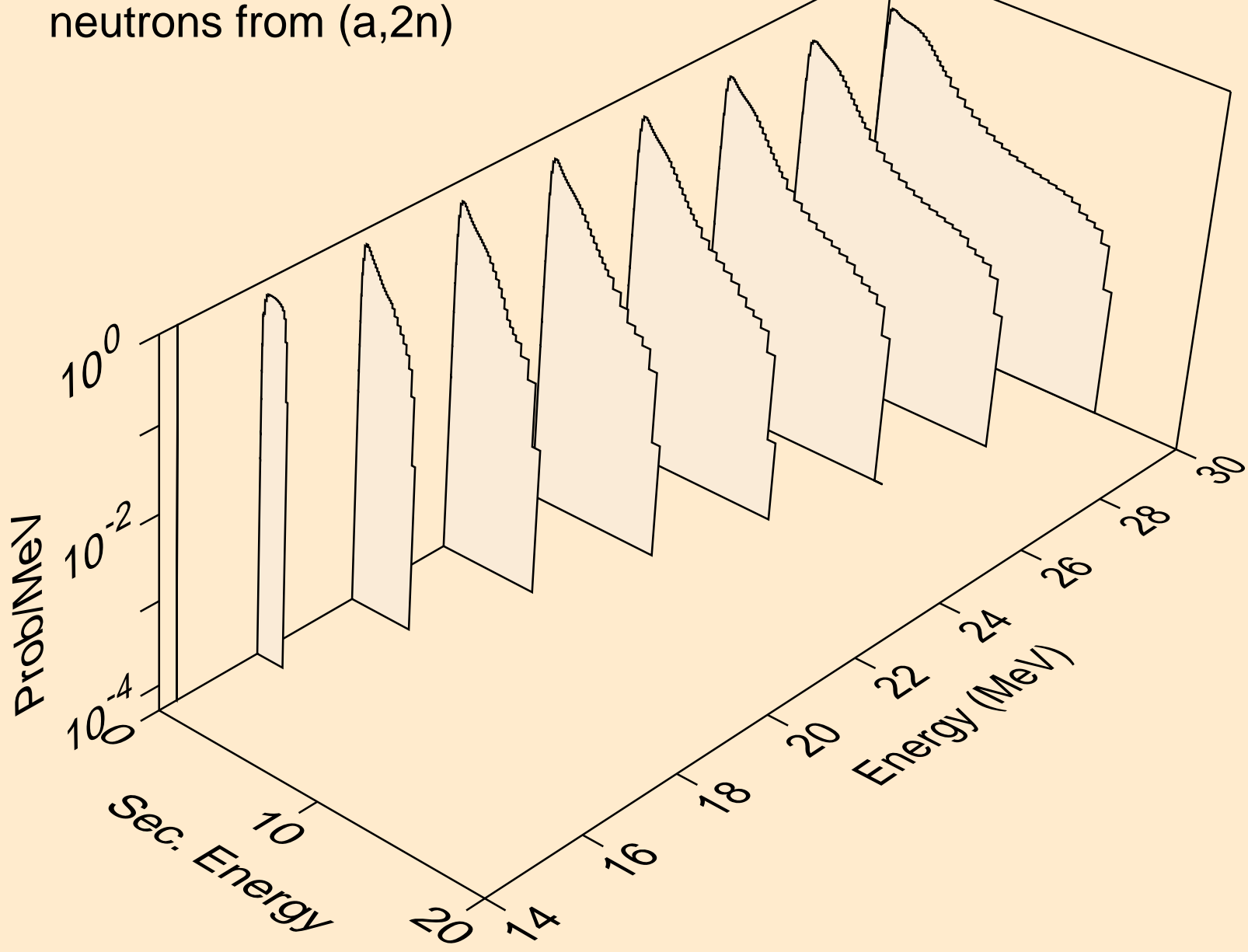
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



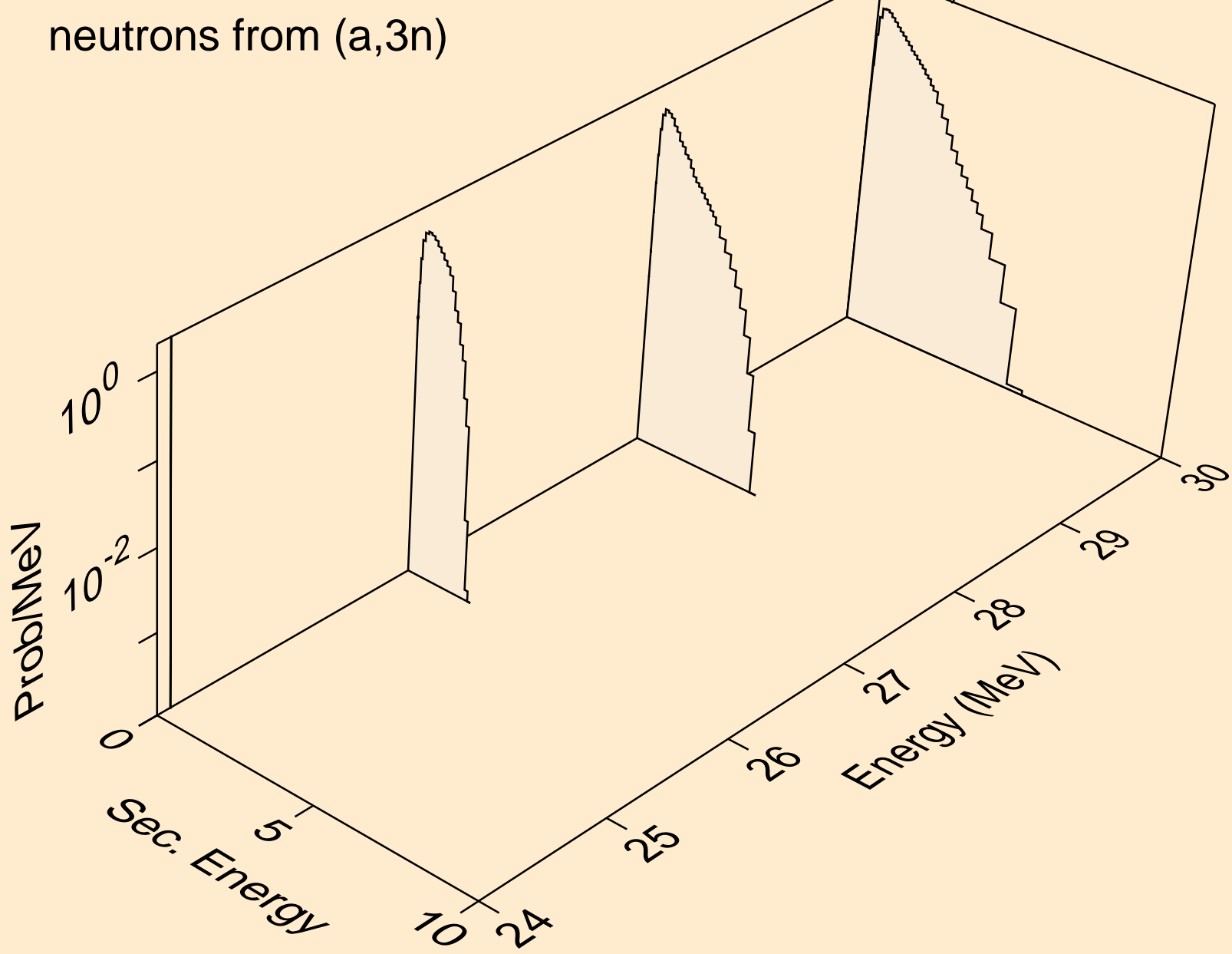
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neutrons from (a,x)



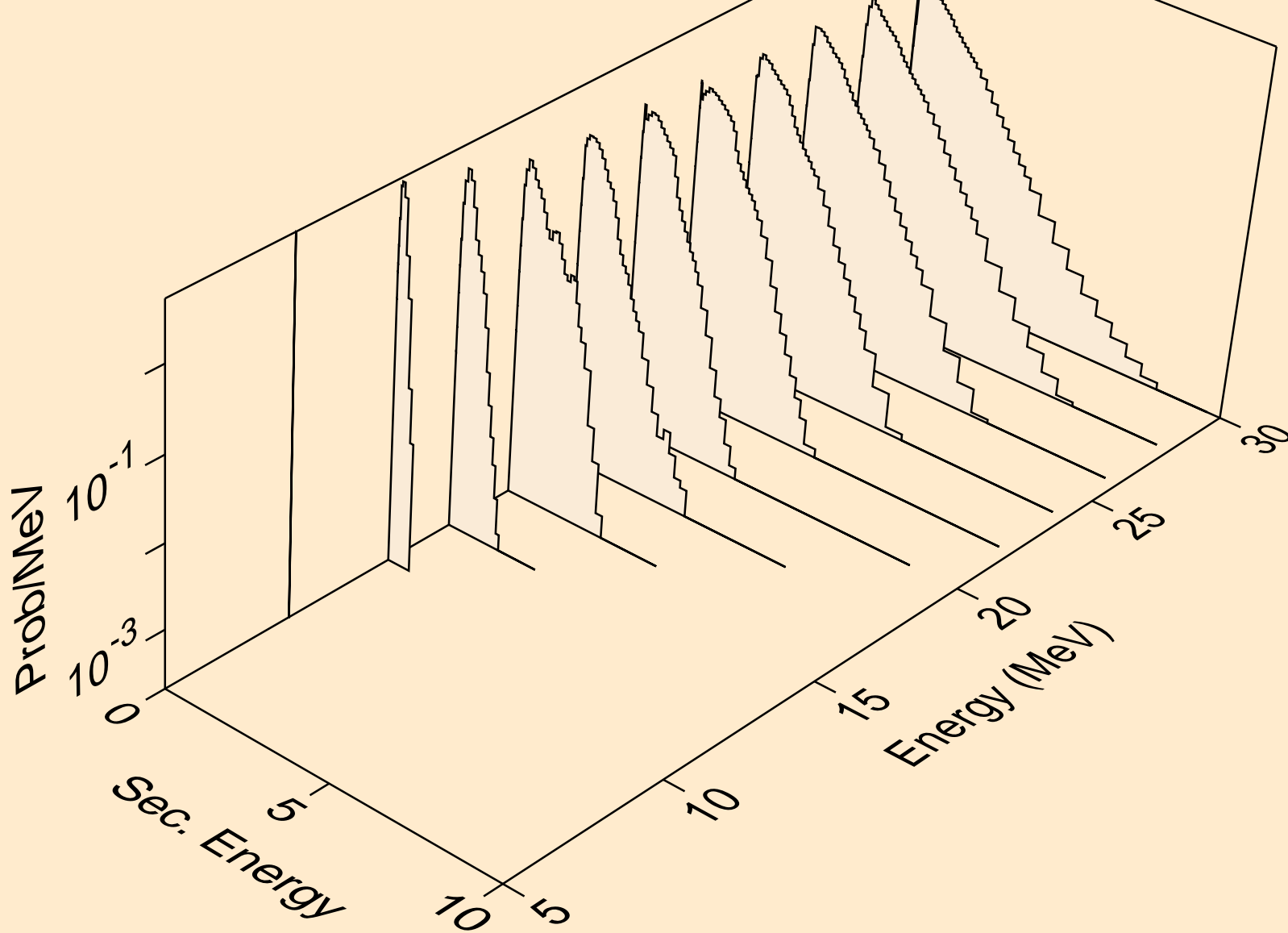
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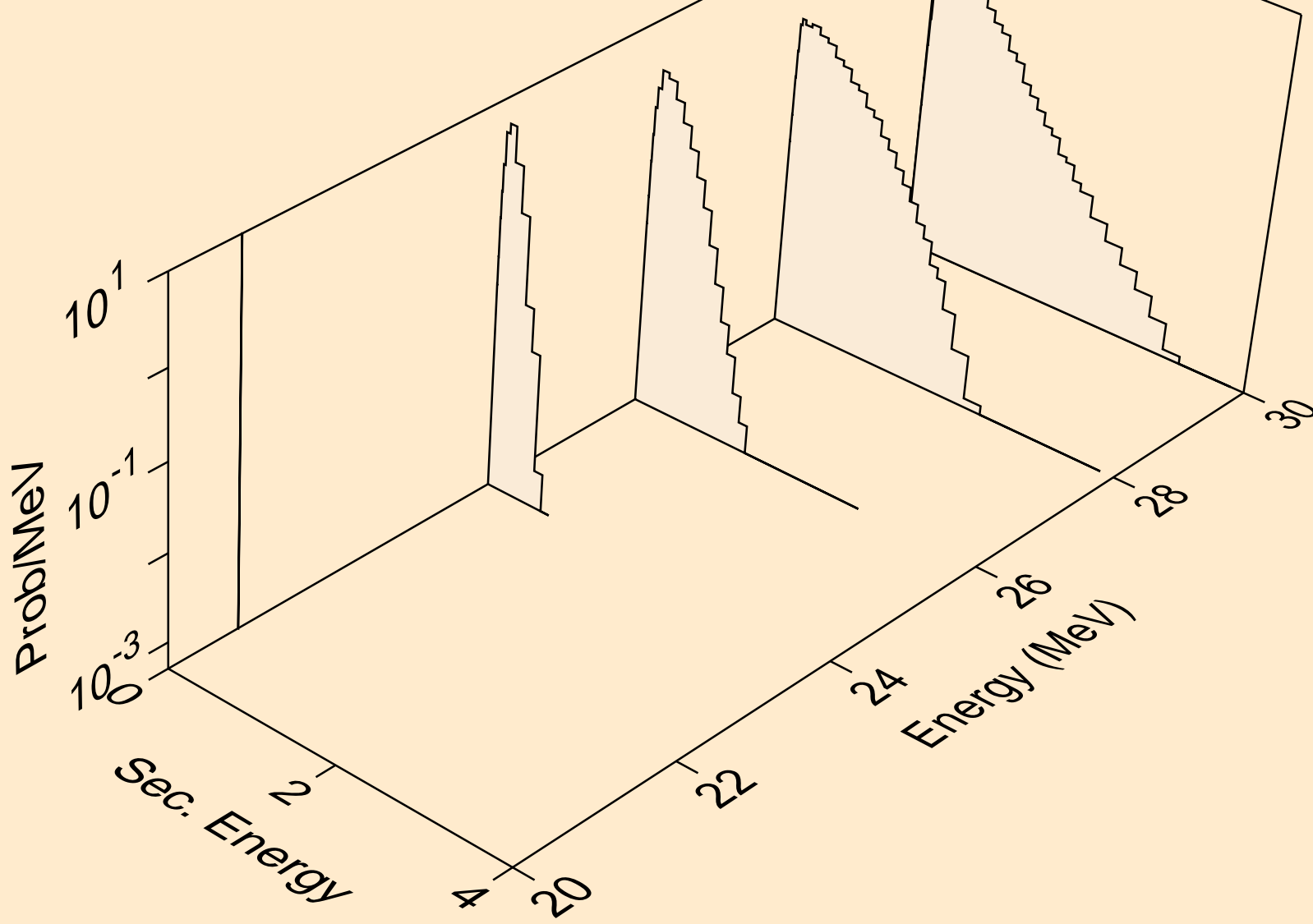
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neutrons from (a,3n)



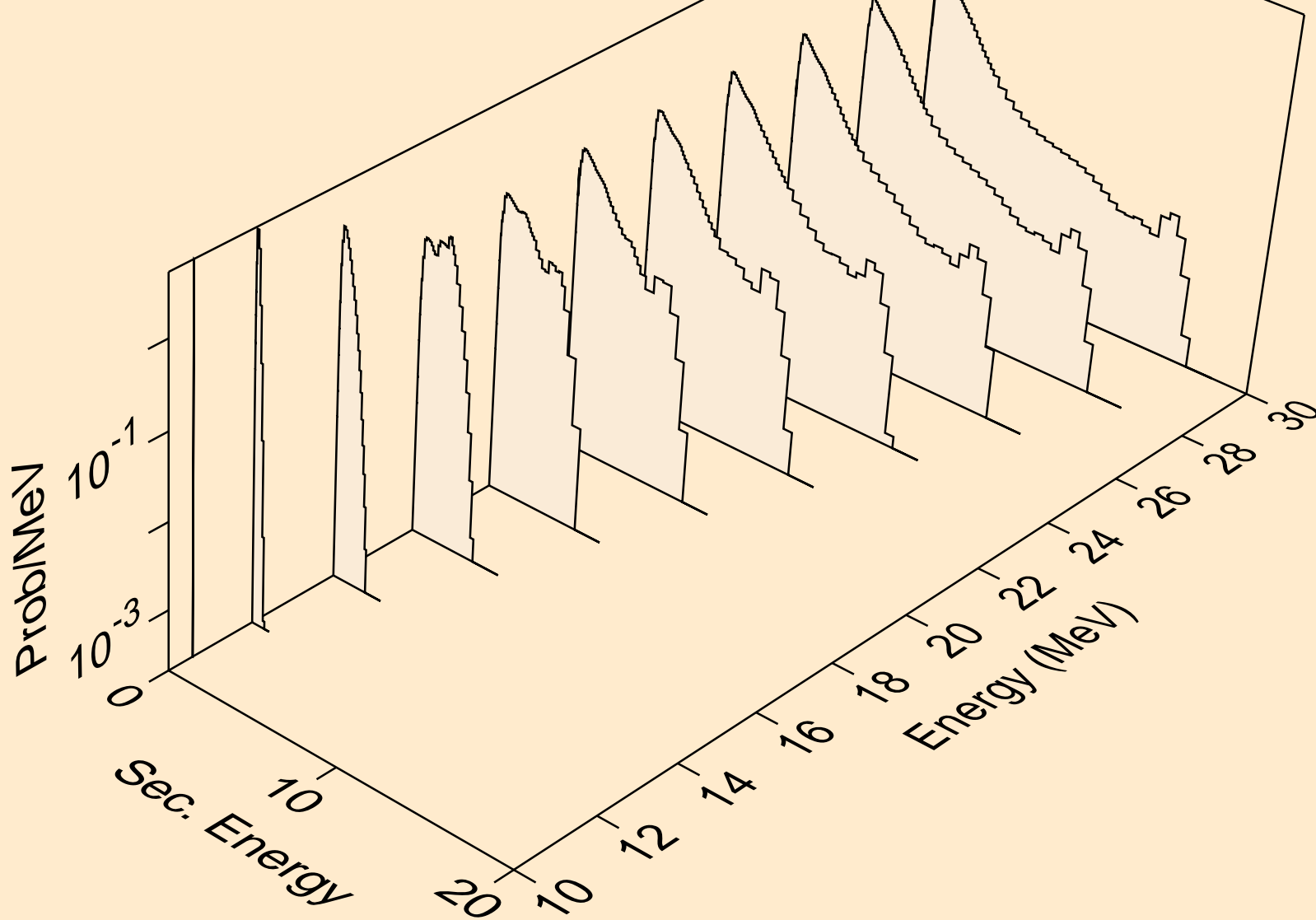
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

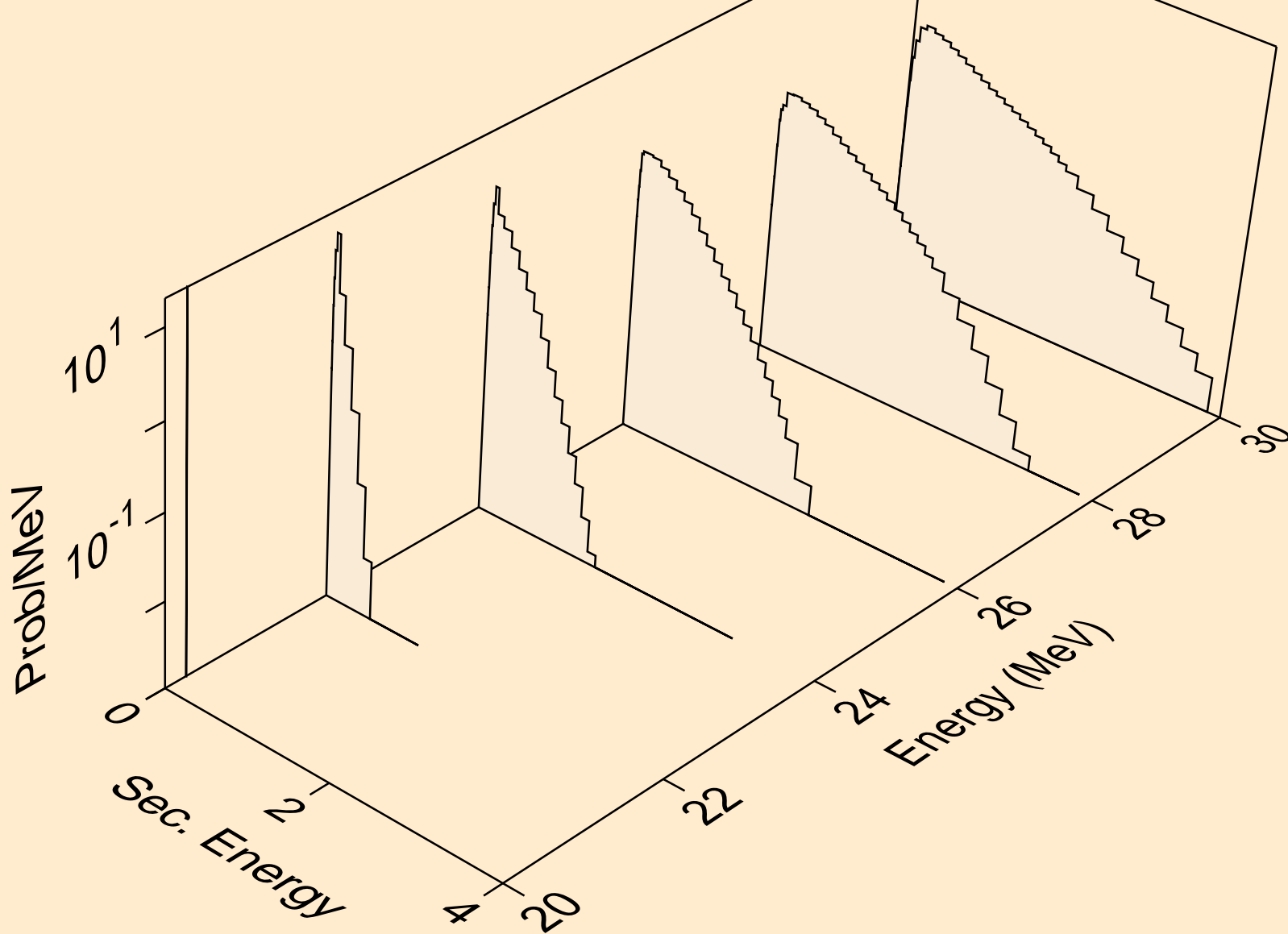


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

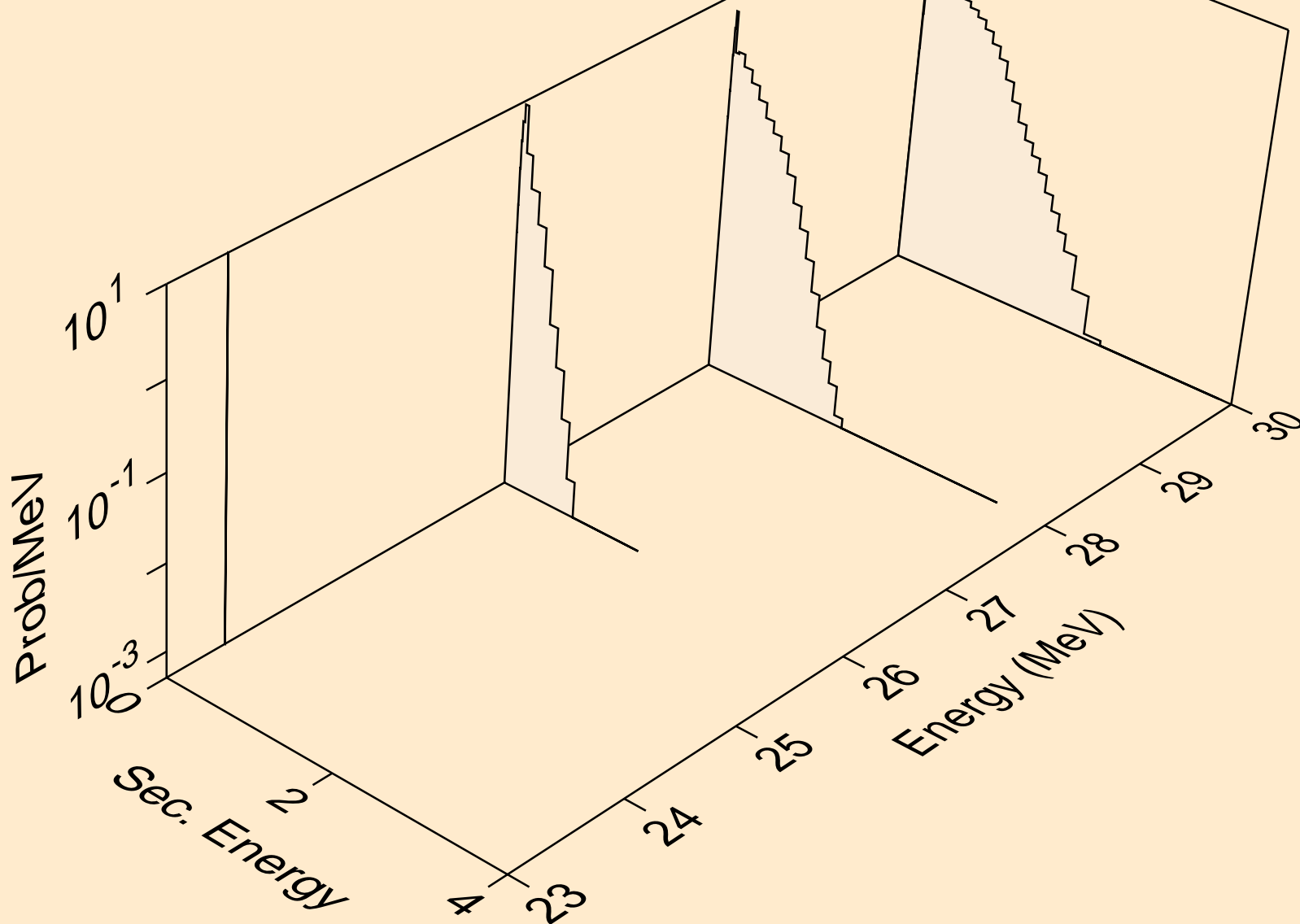




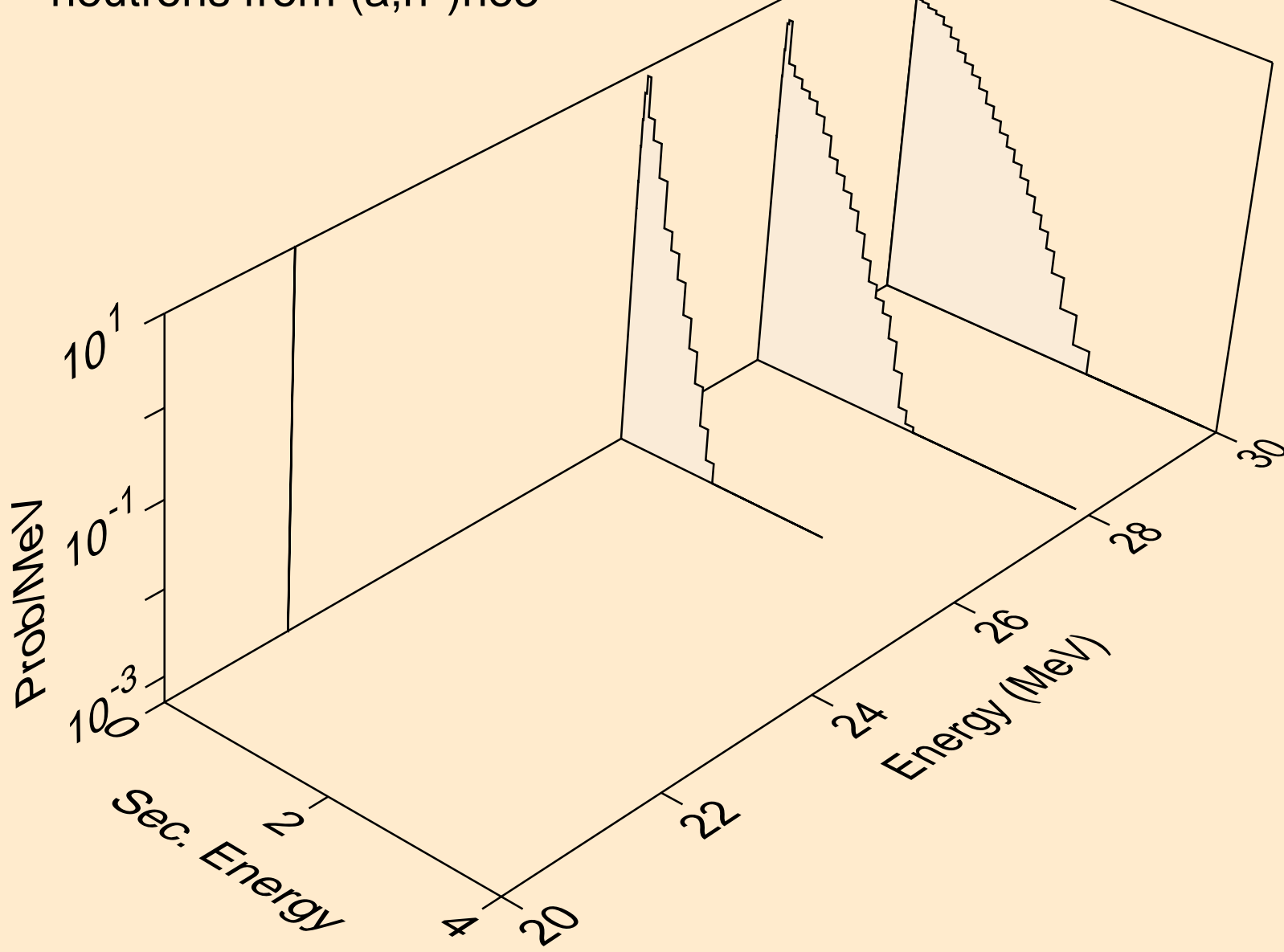
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neutrons from (a,n\*)d



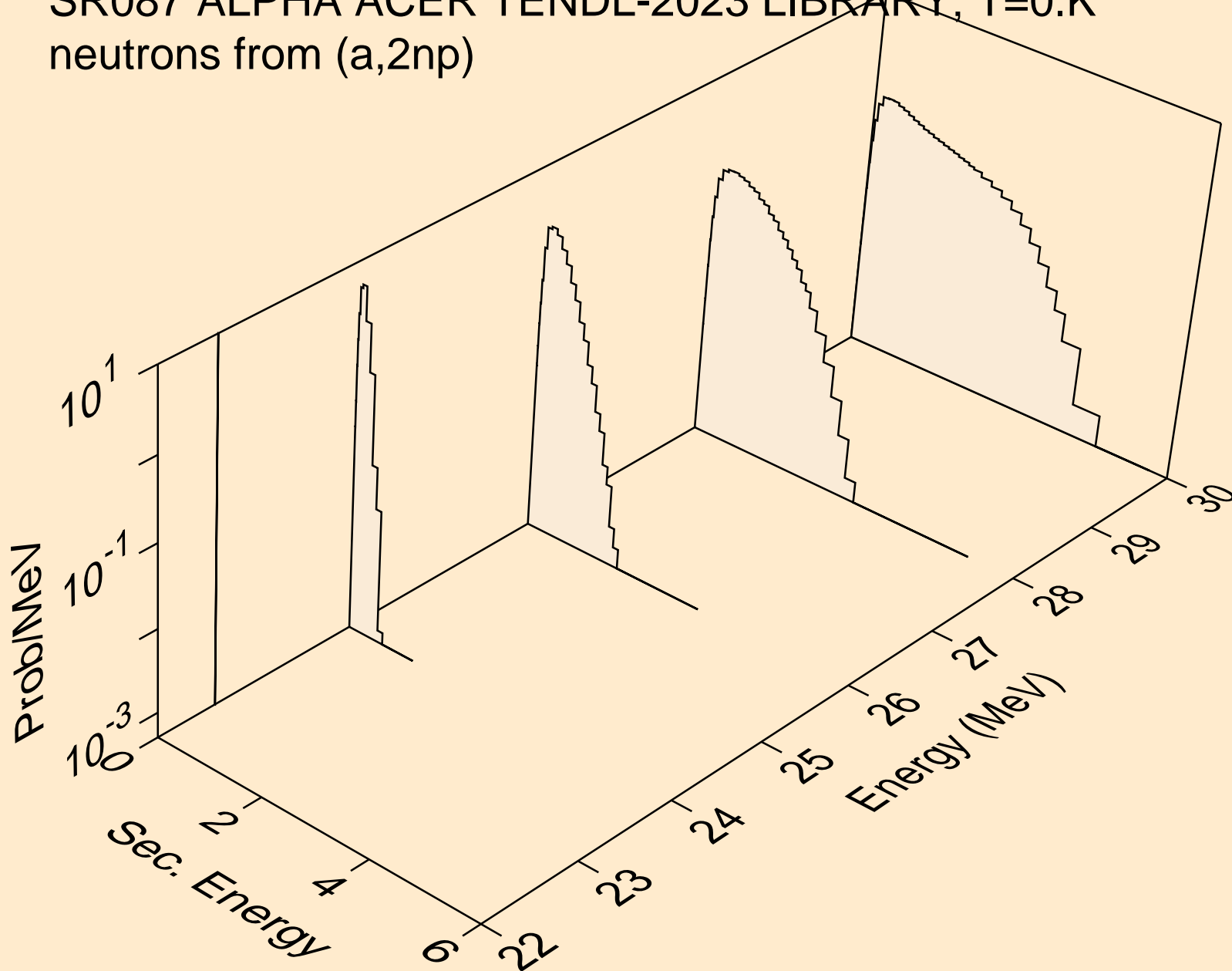
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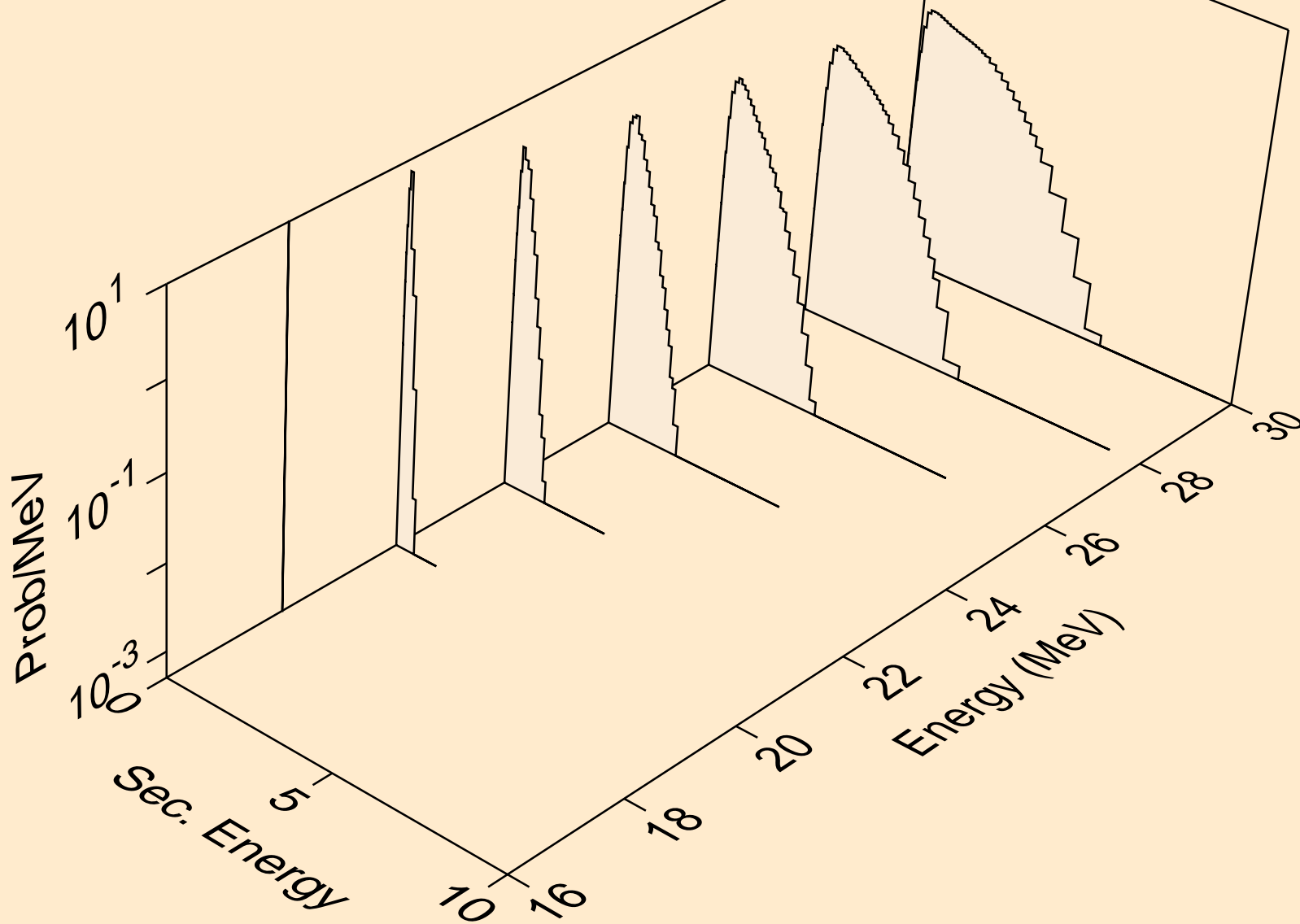
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



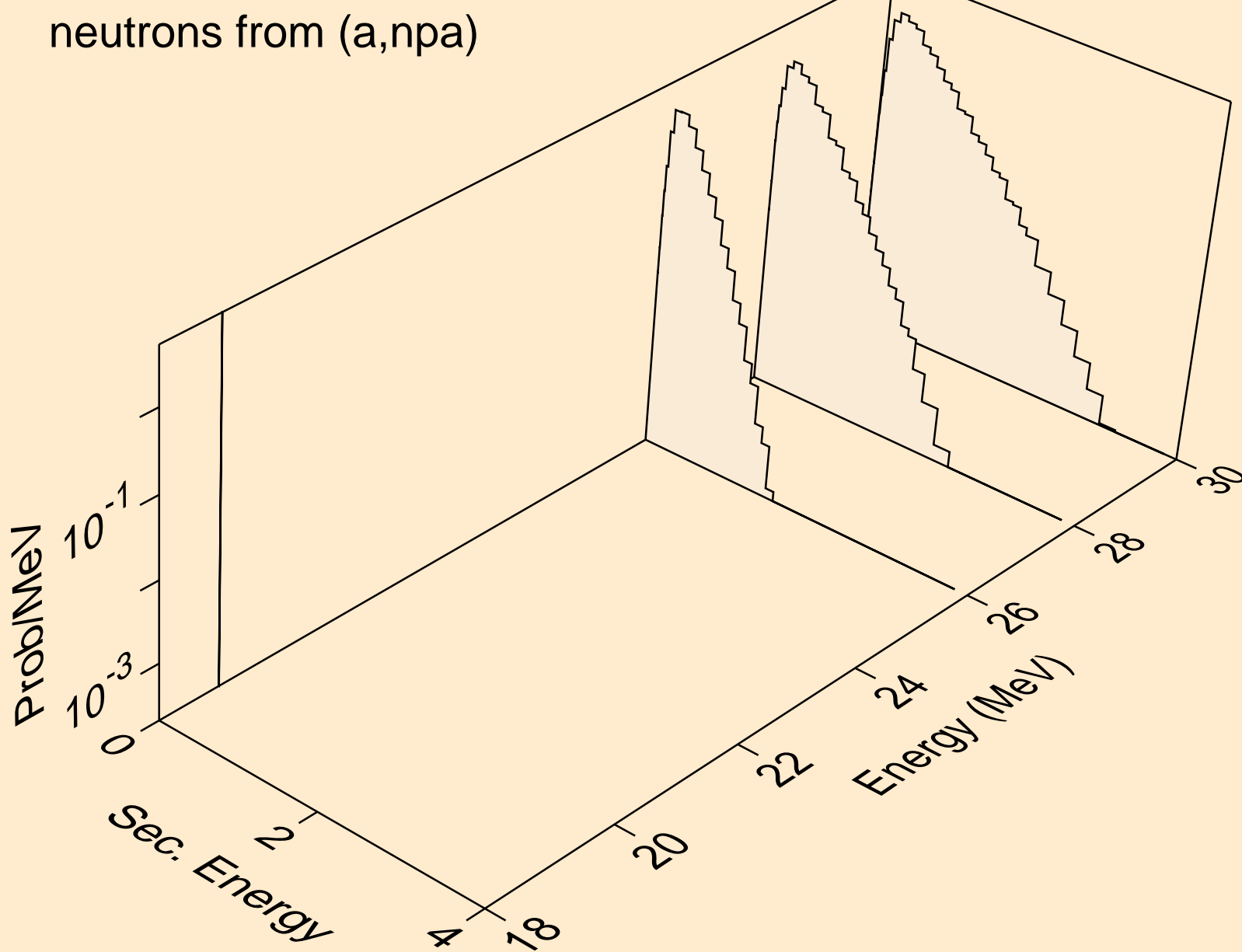
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neutrons from (a,2np)



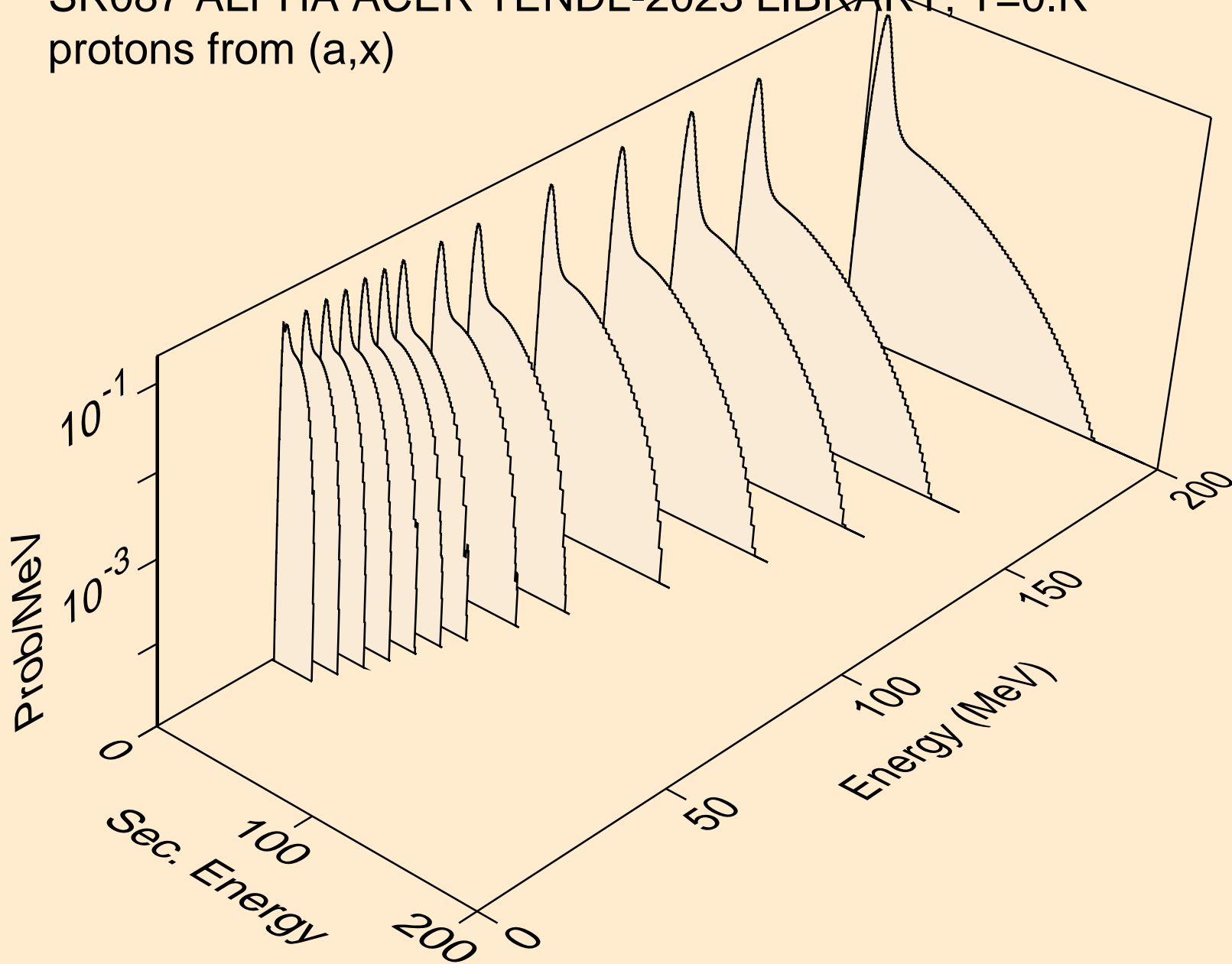
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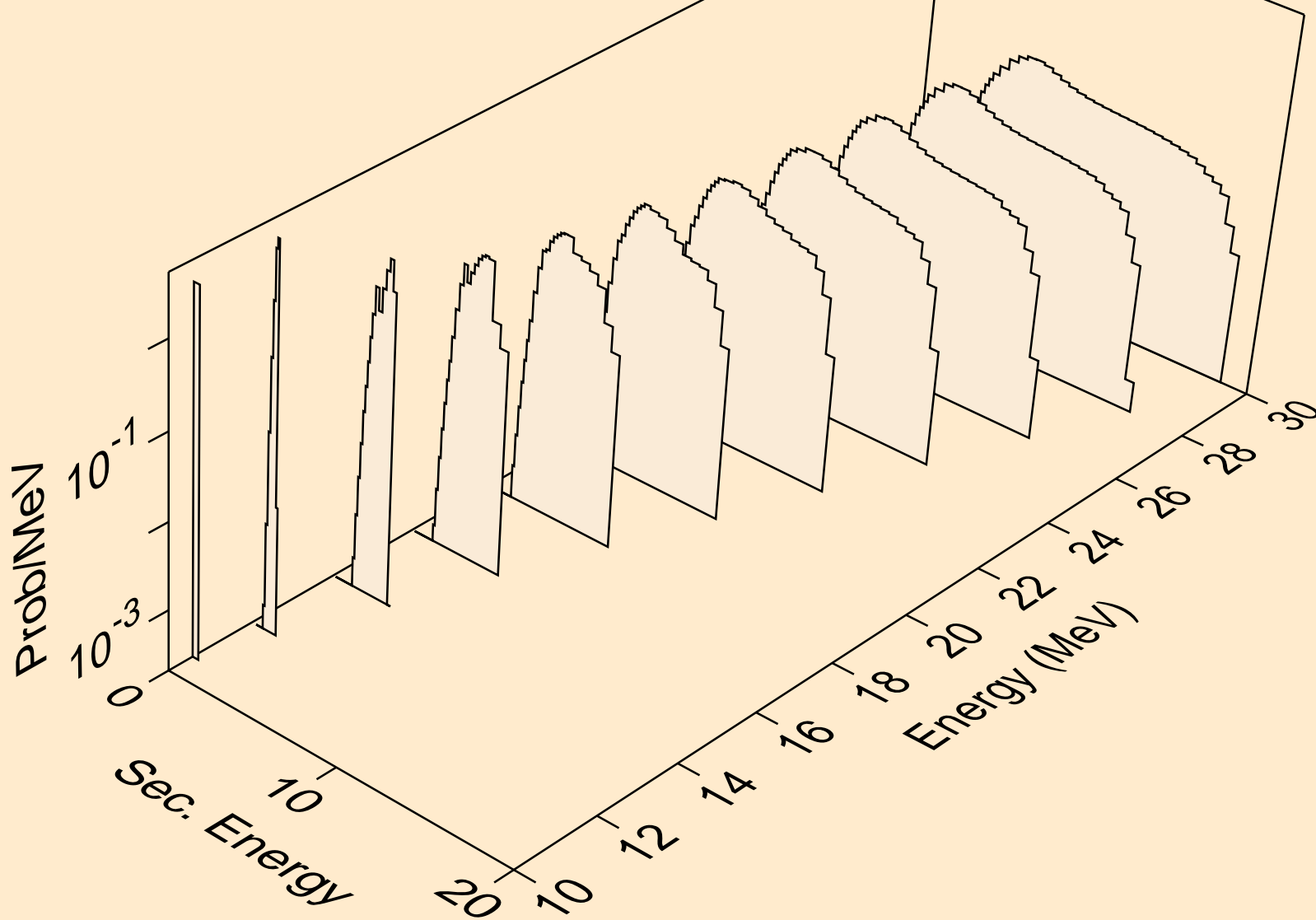
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

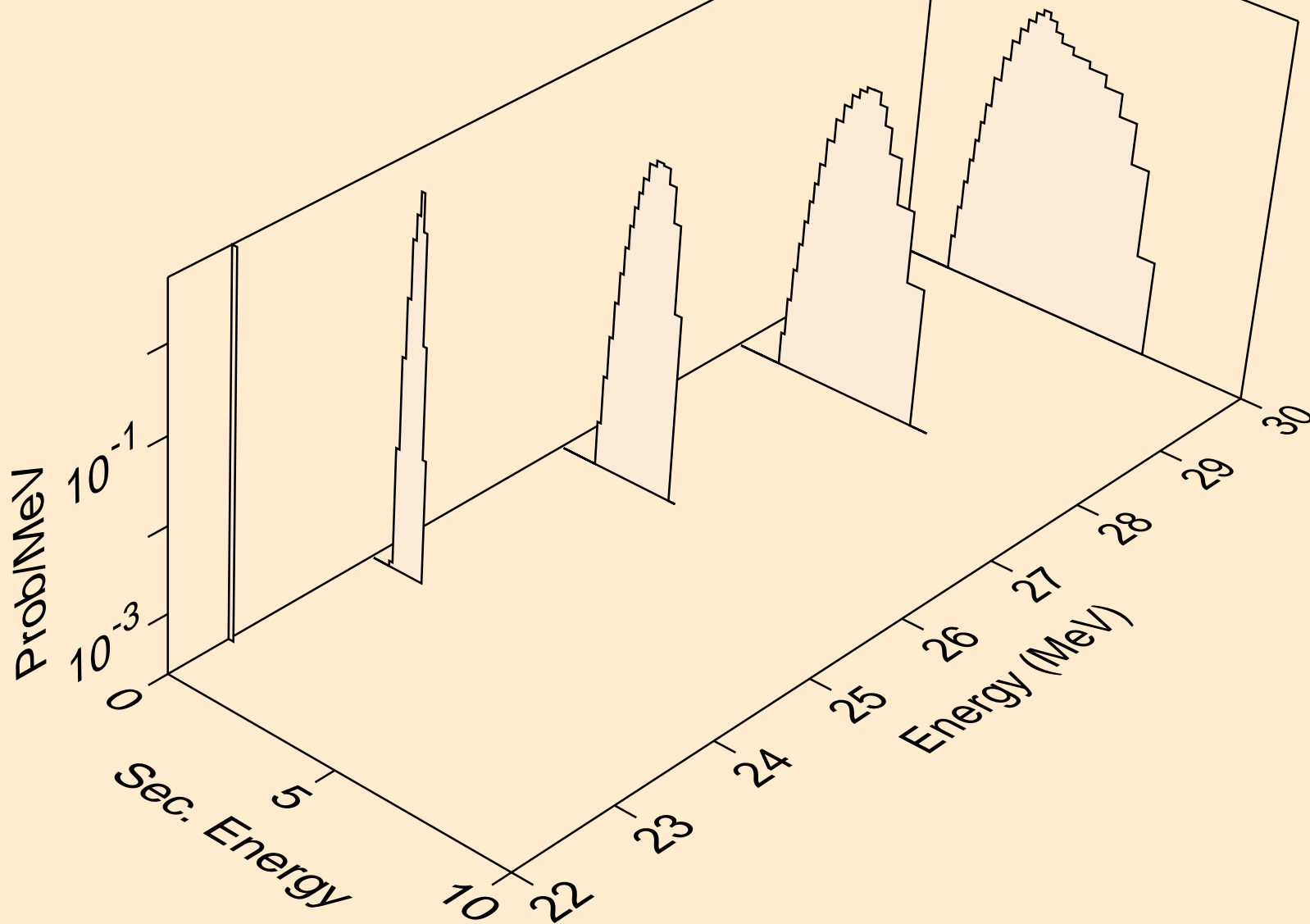


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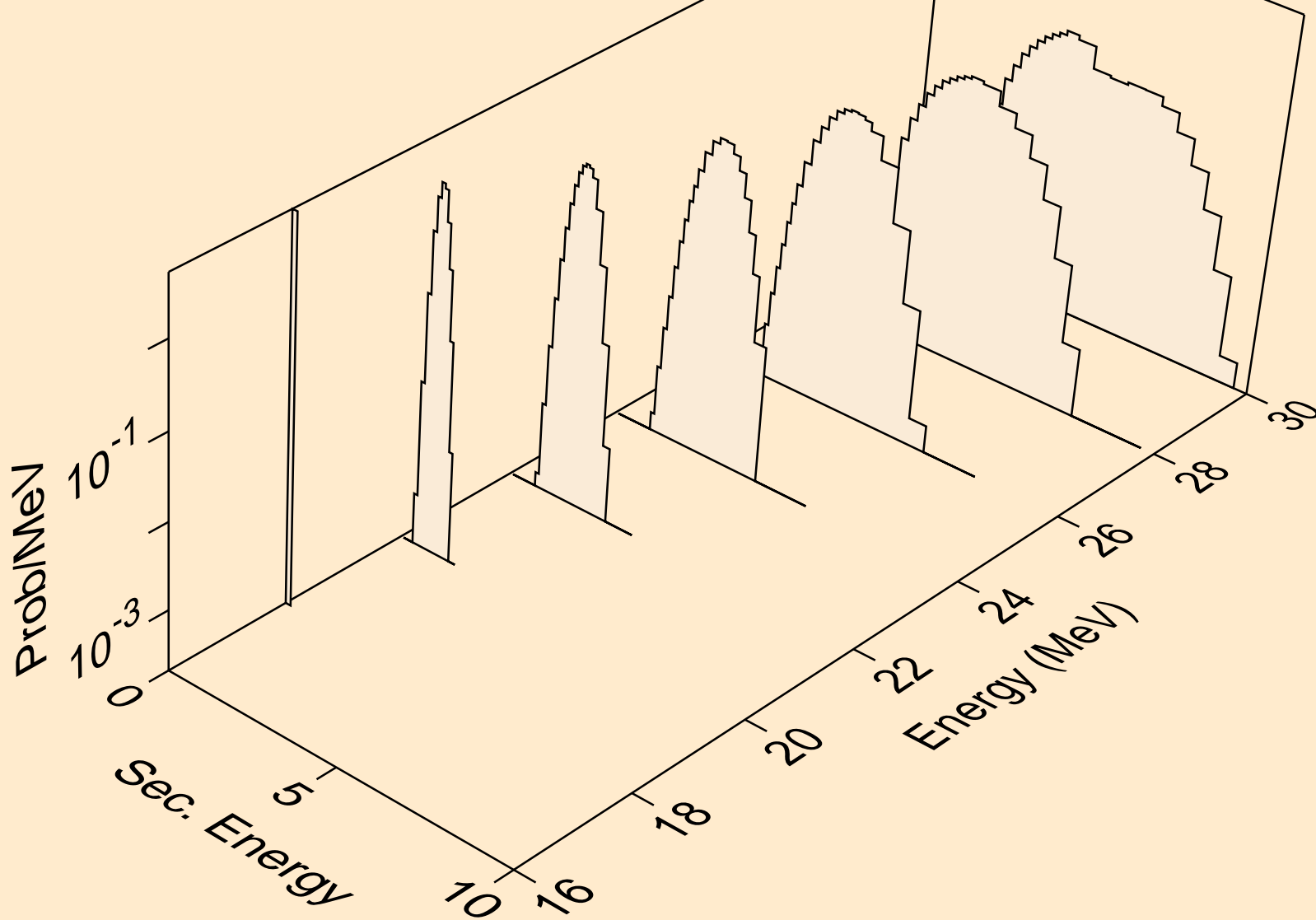




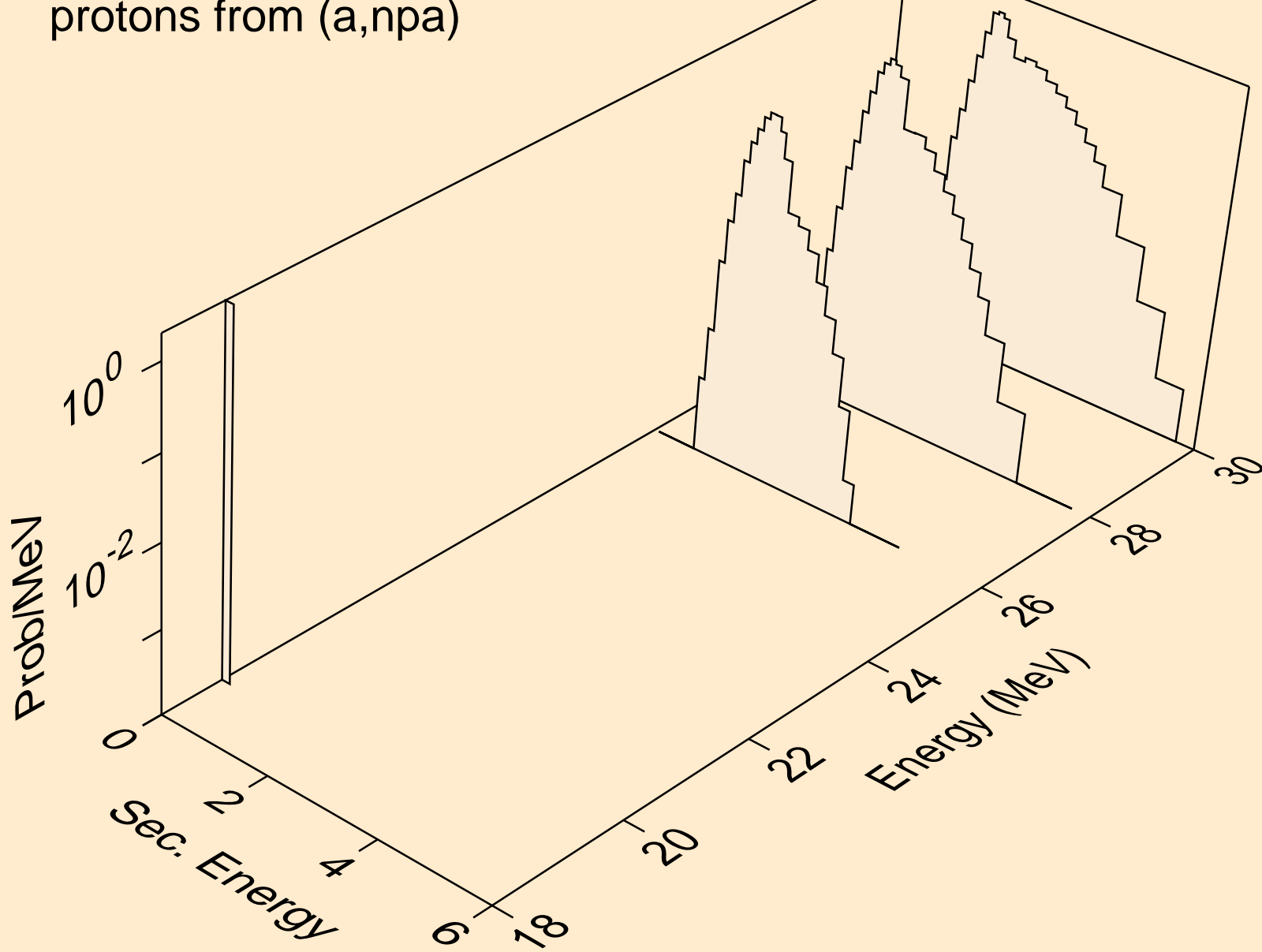
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protons from (a,2np)



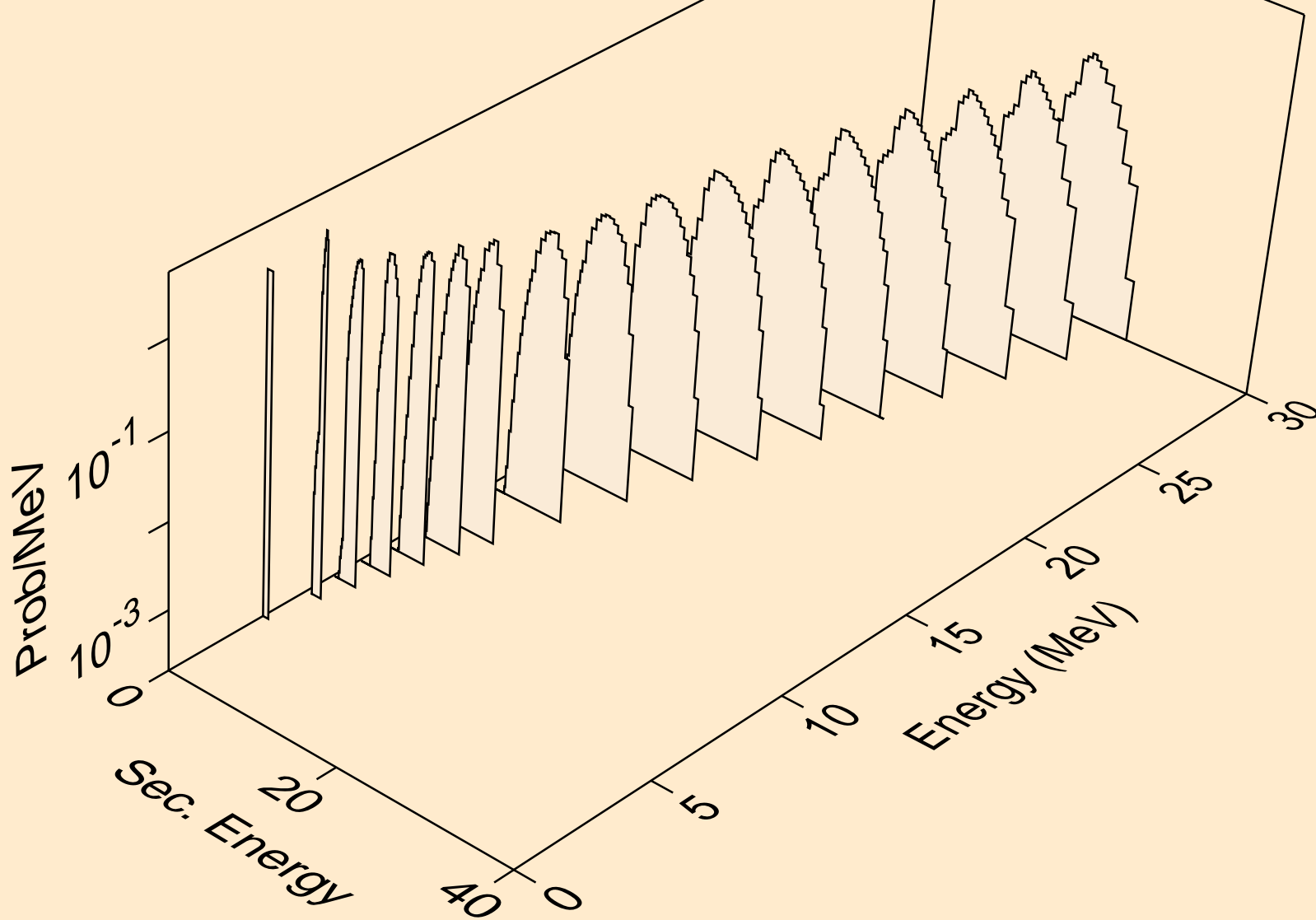
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protons from (a,n2p)



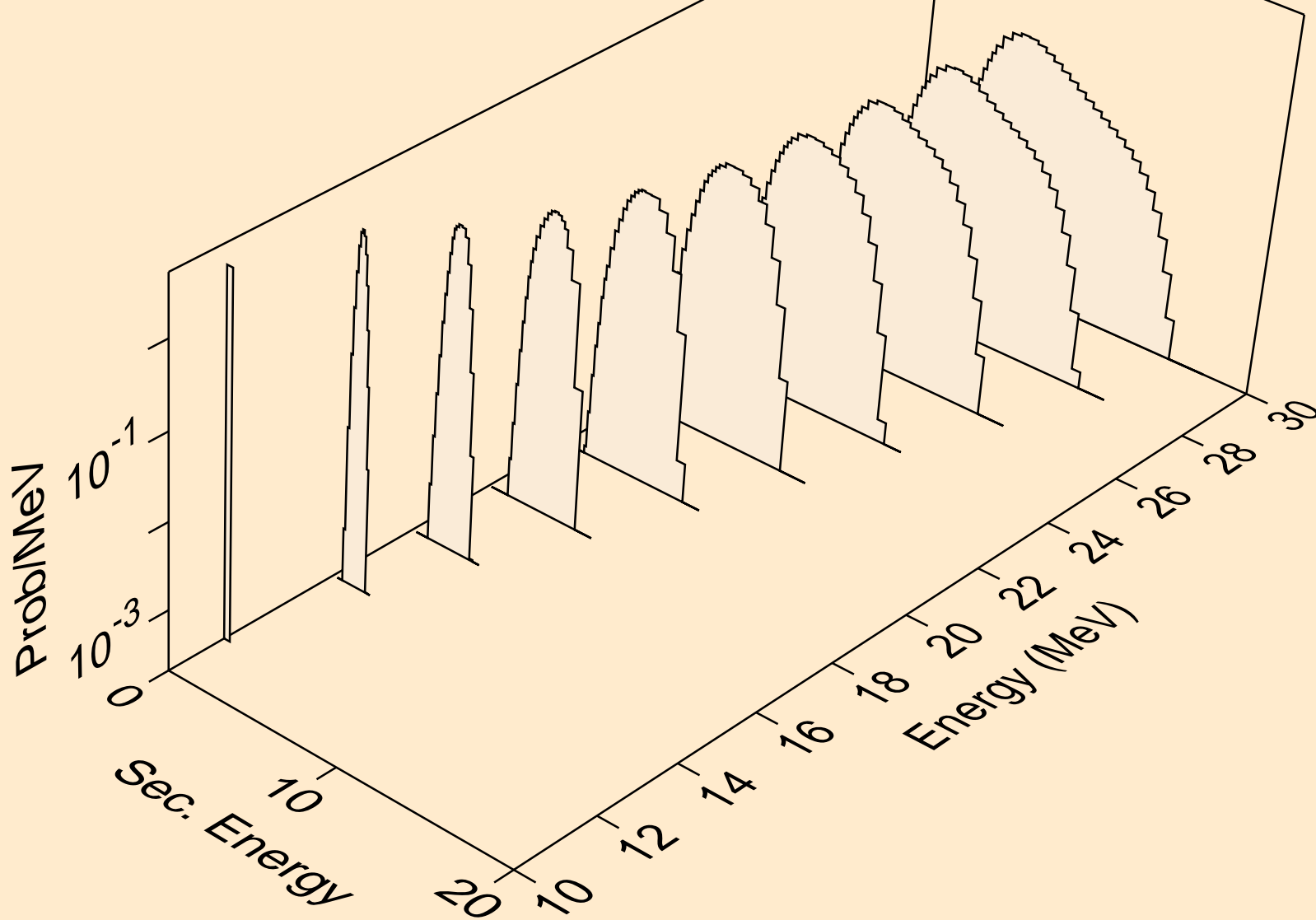
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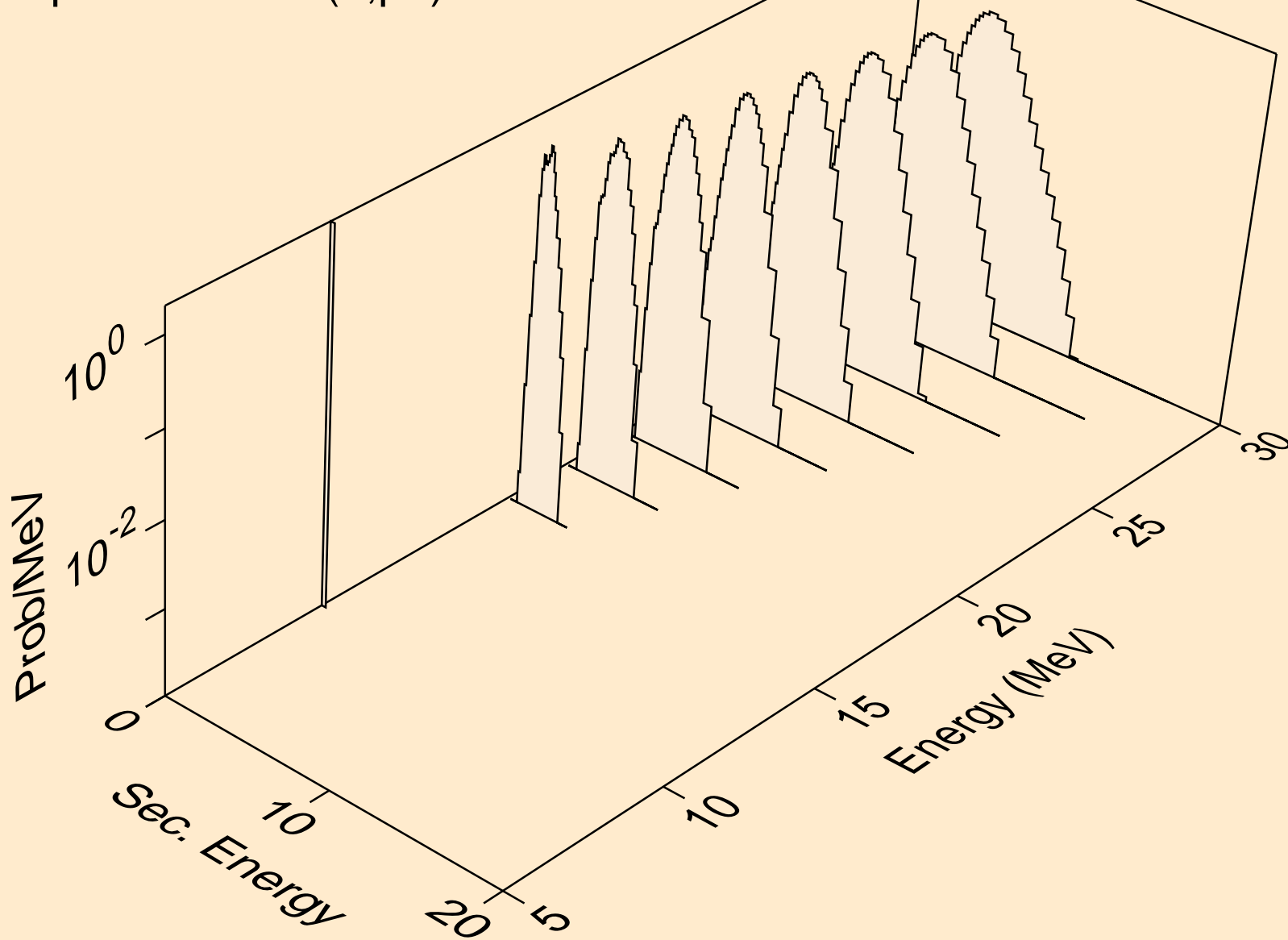
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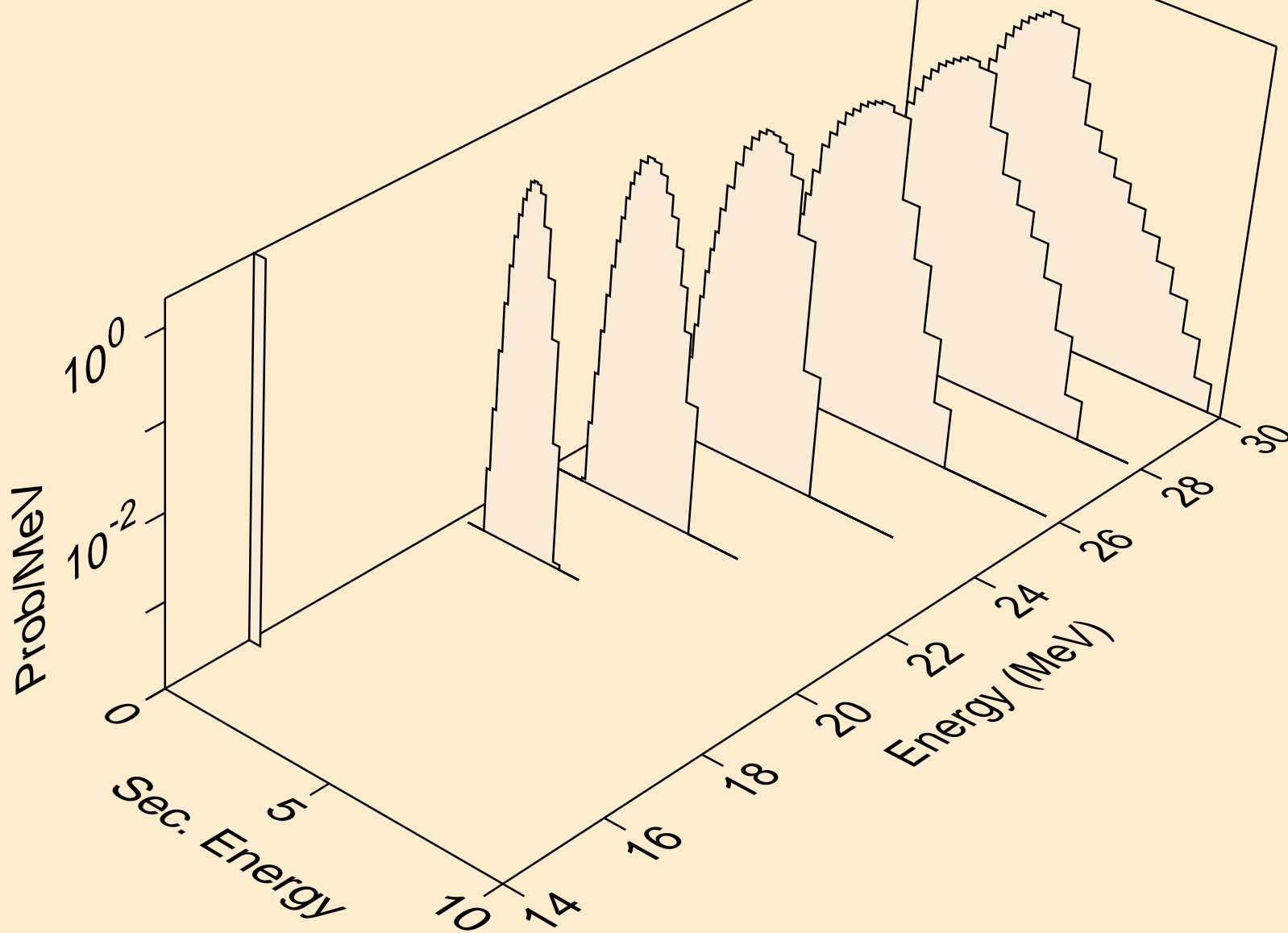
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protons from (a,2p)



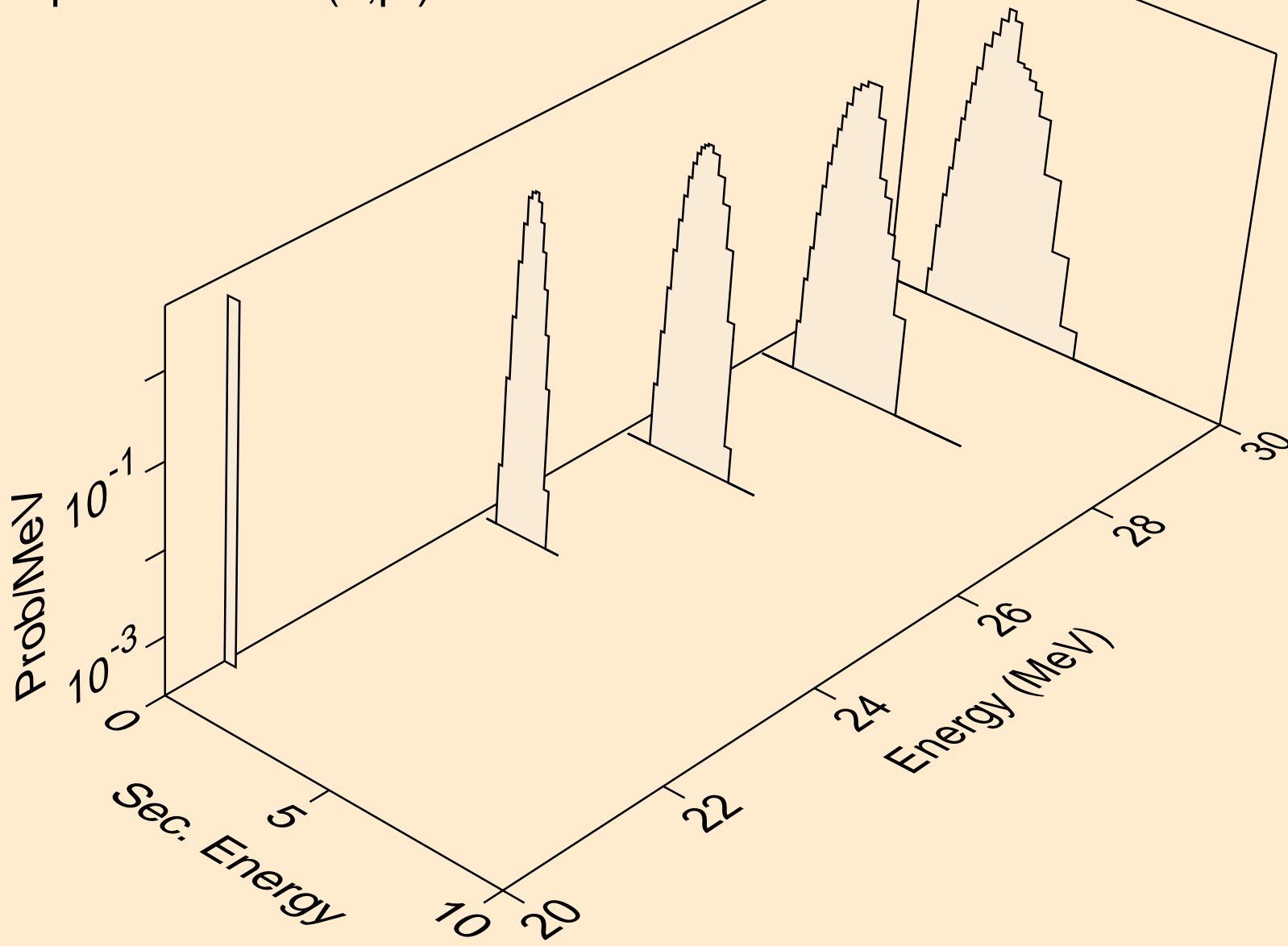
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

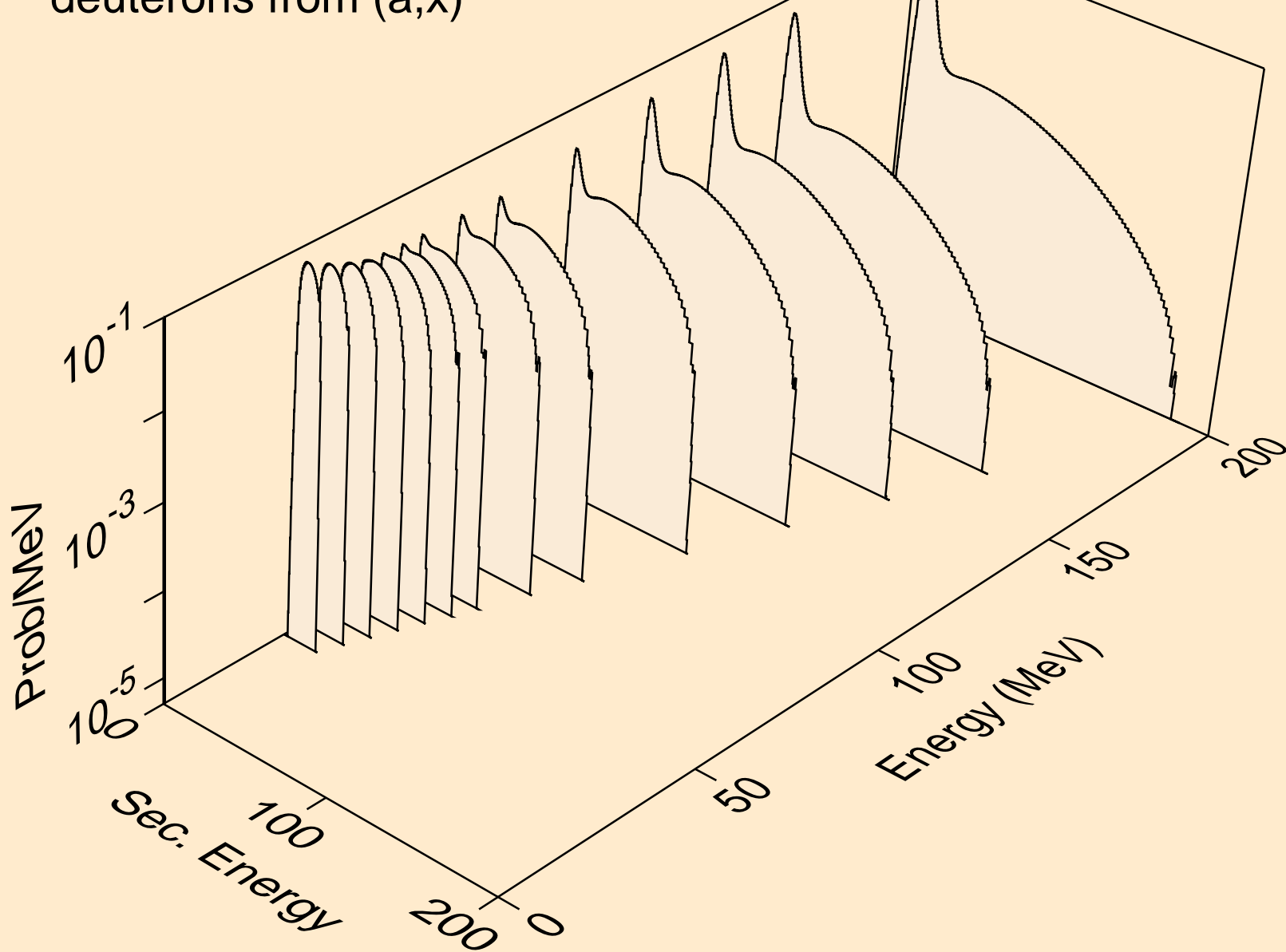


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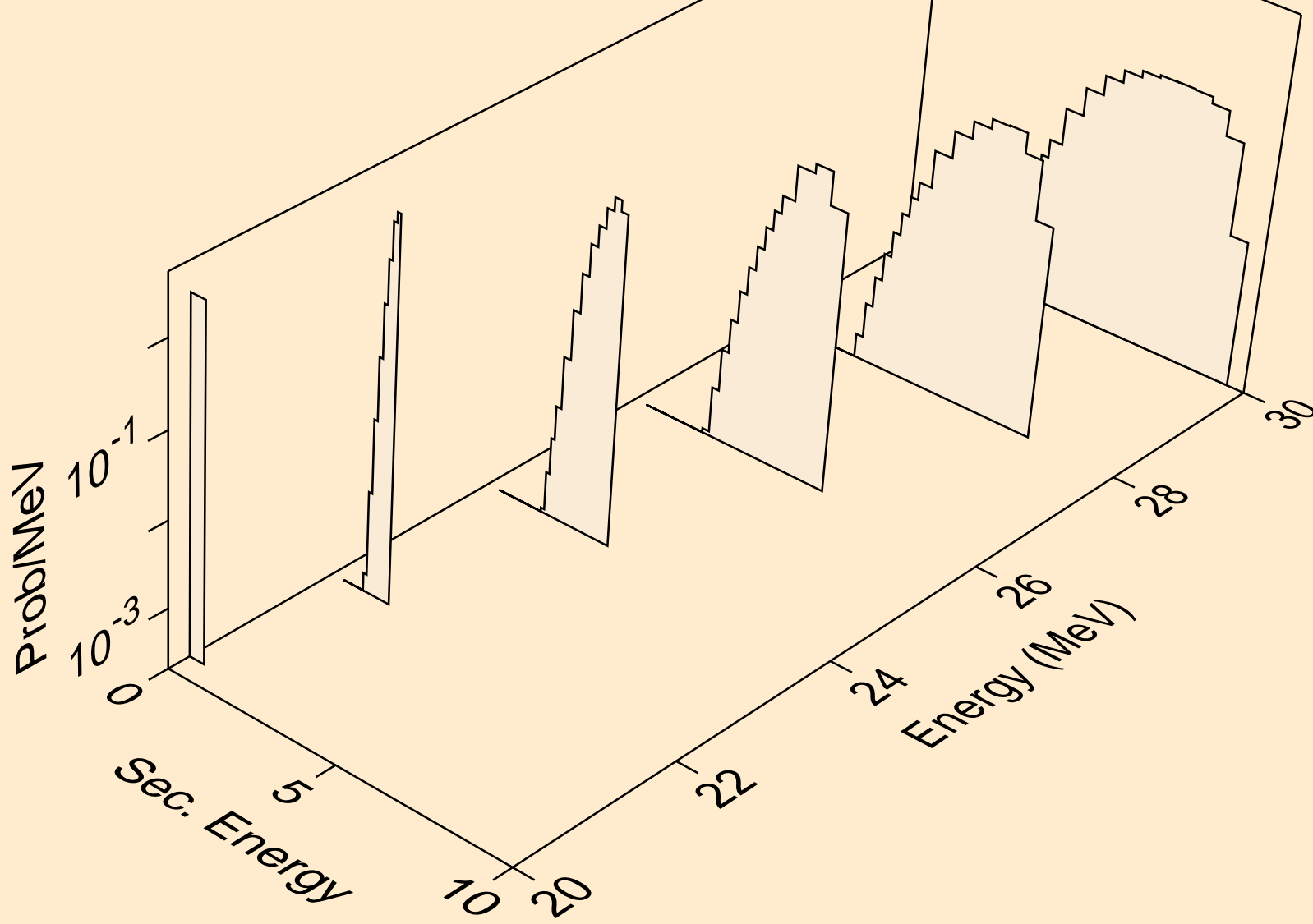




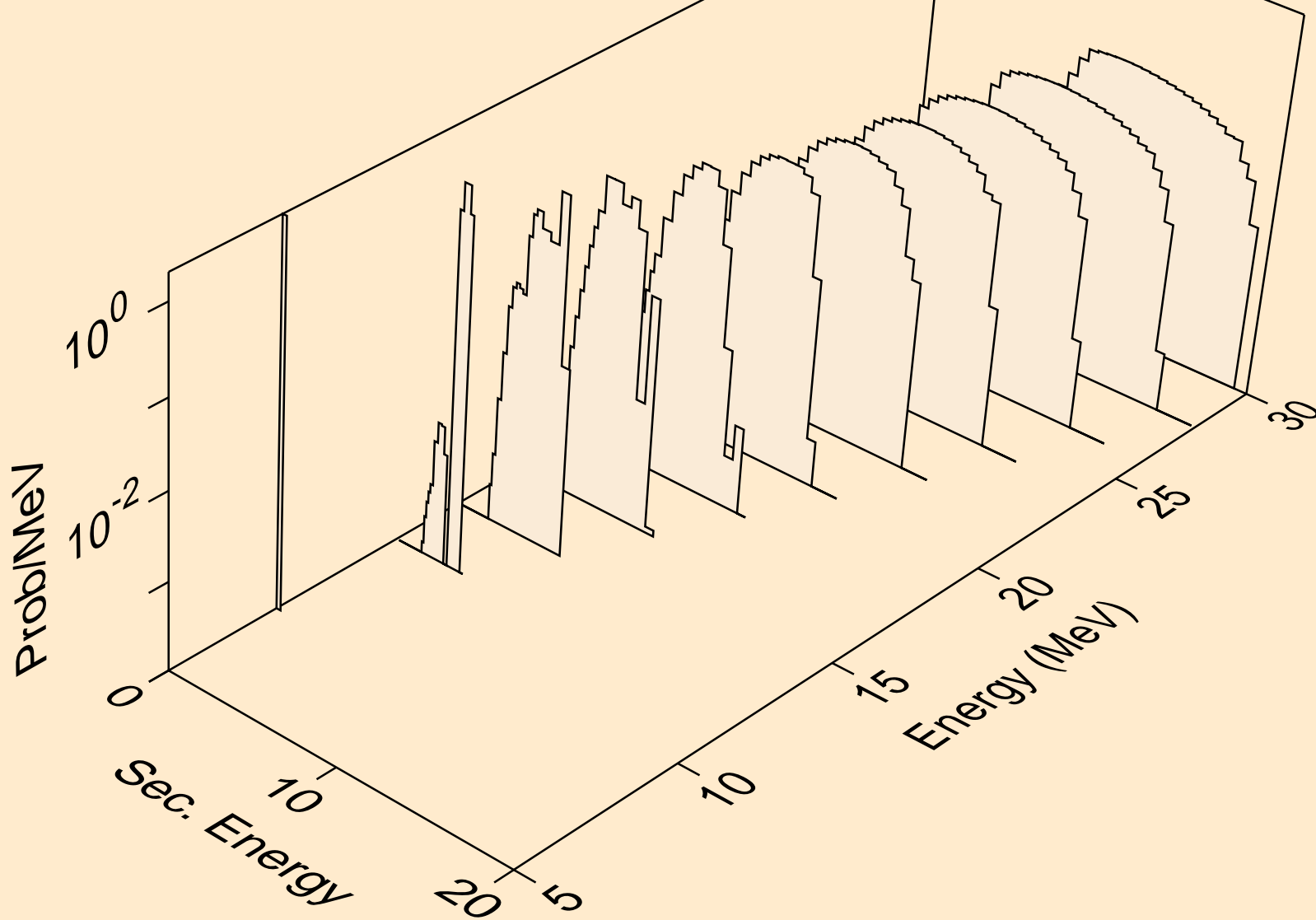
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deuterons from (a,x)



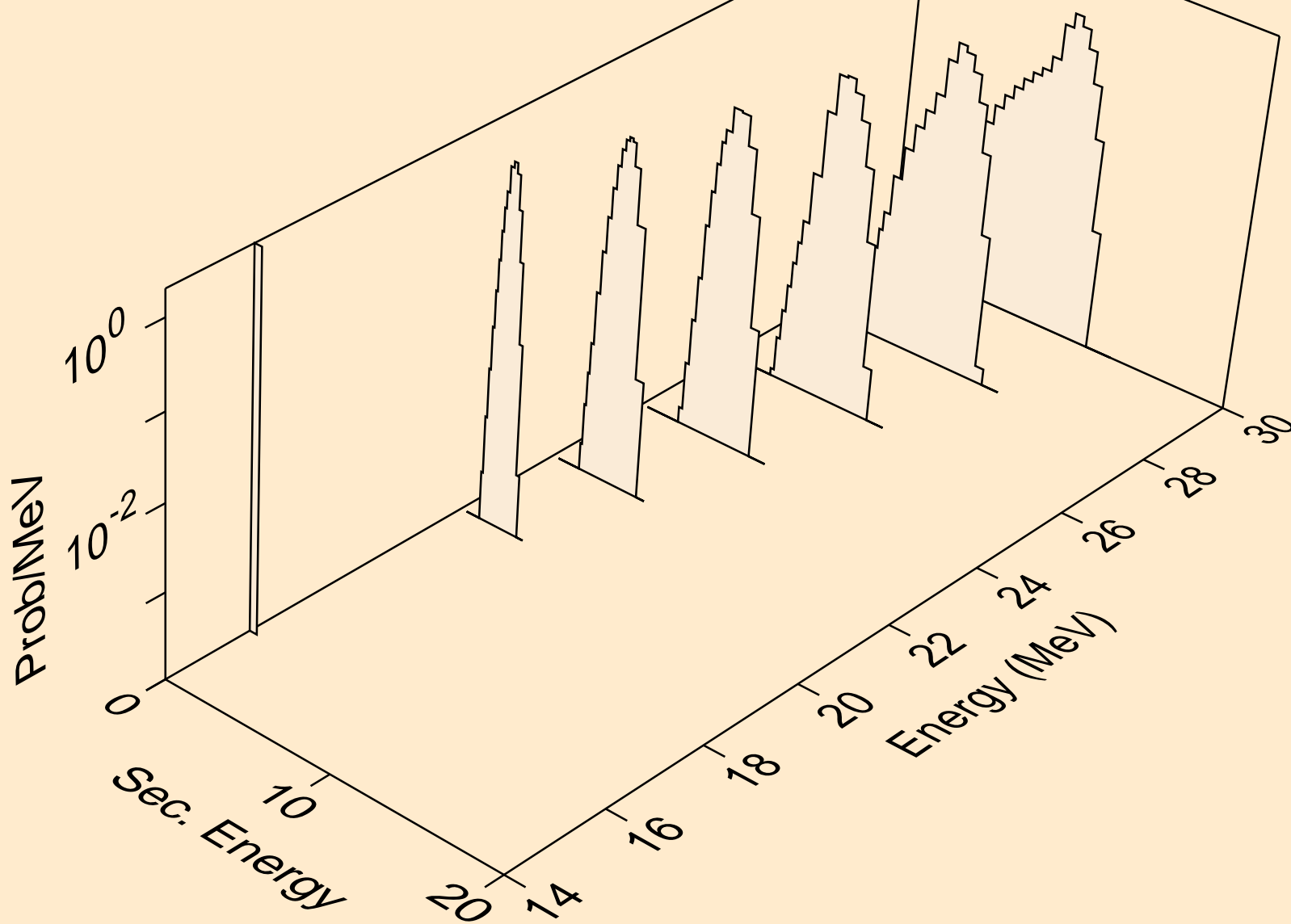
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deuterons from (a,n\*)d



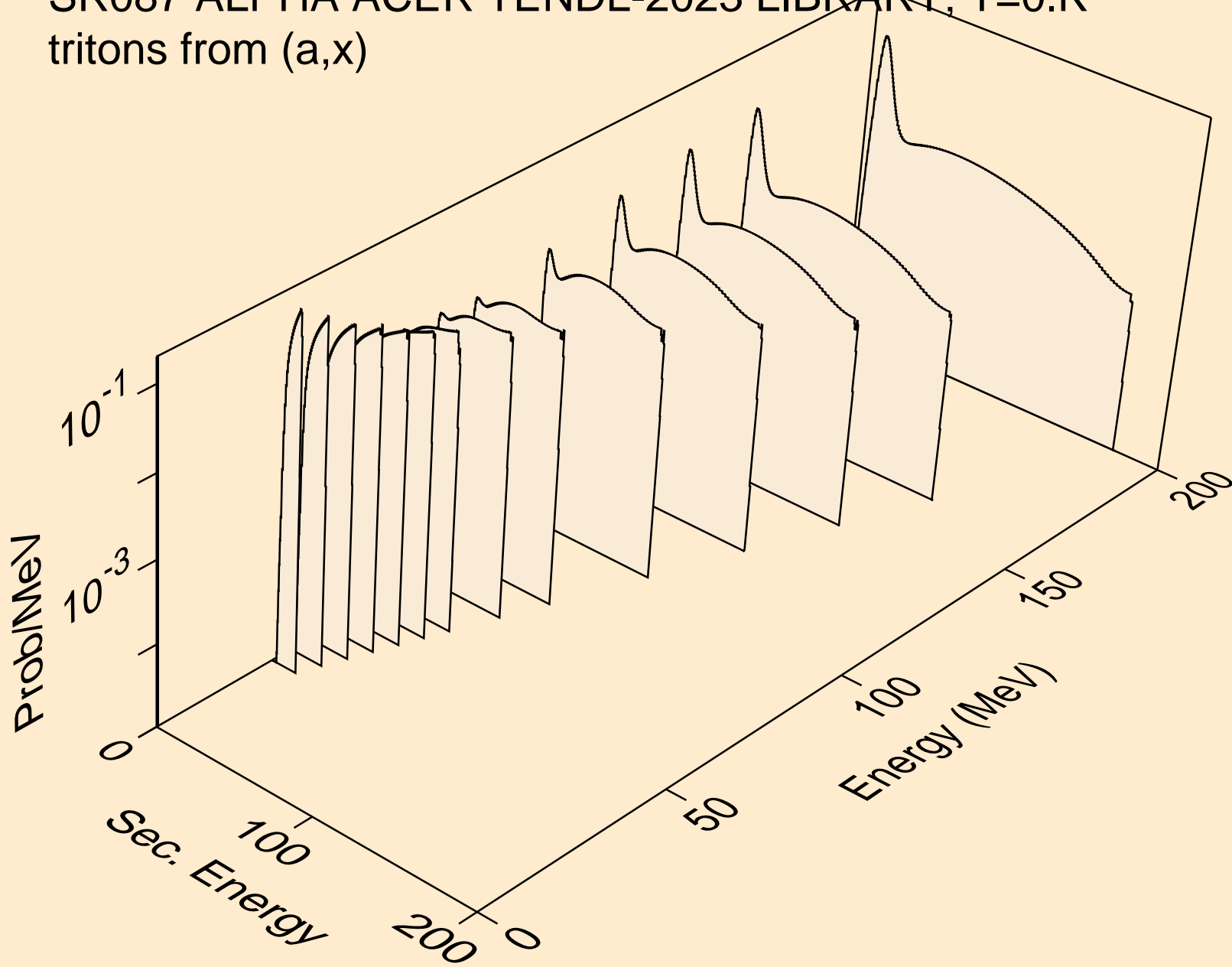
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



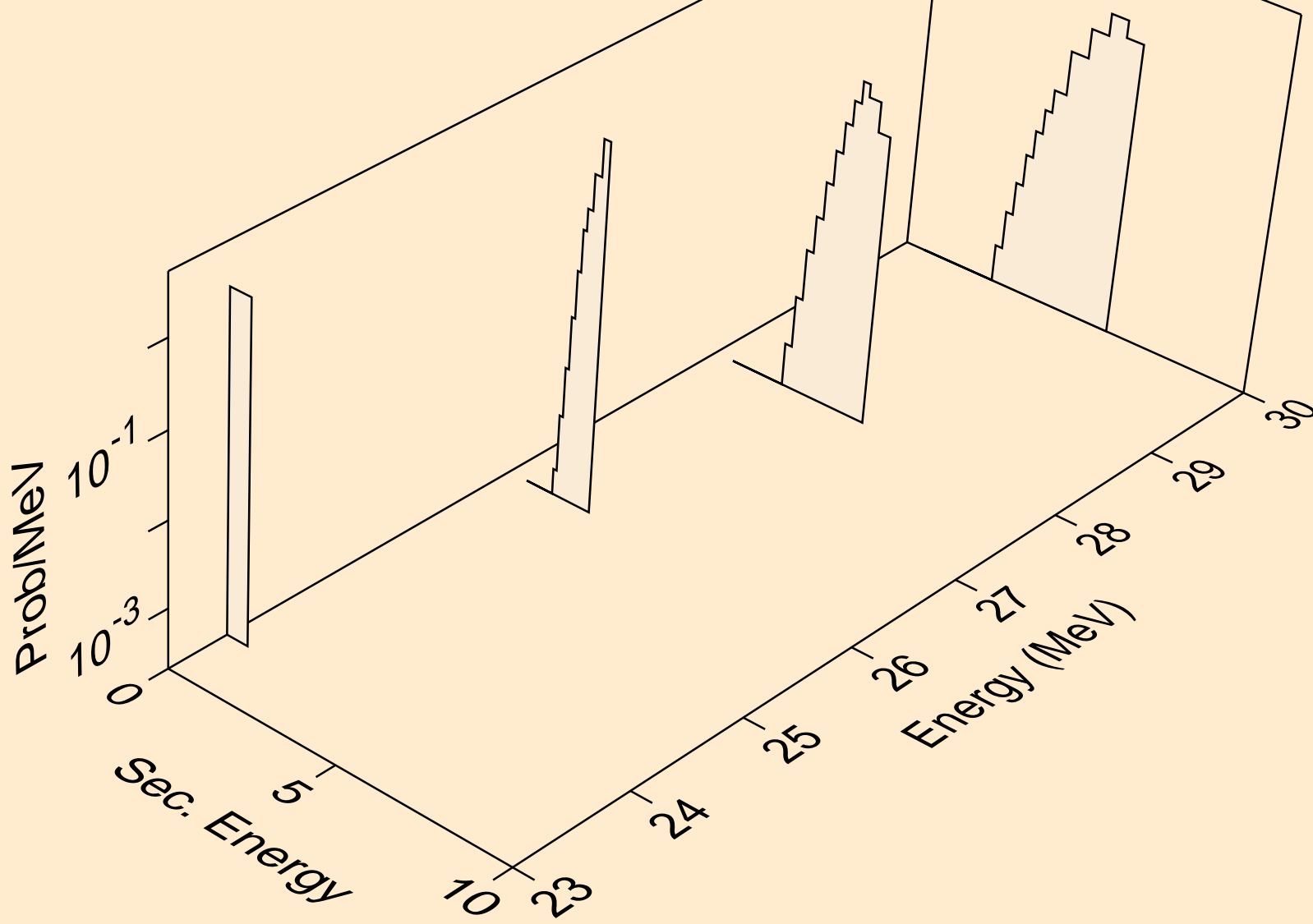
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



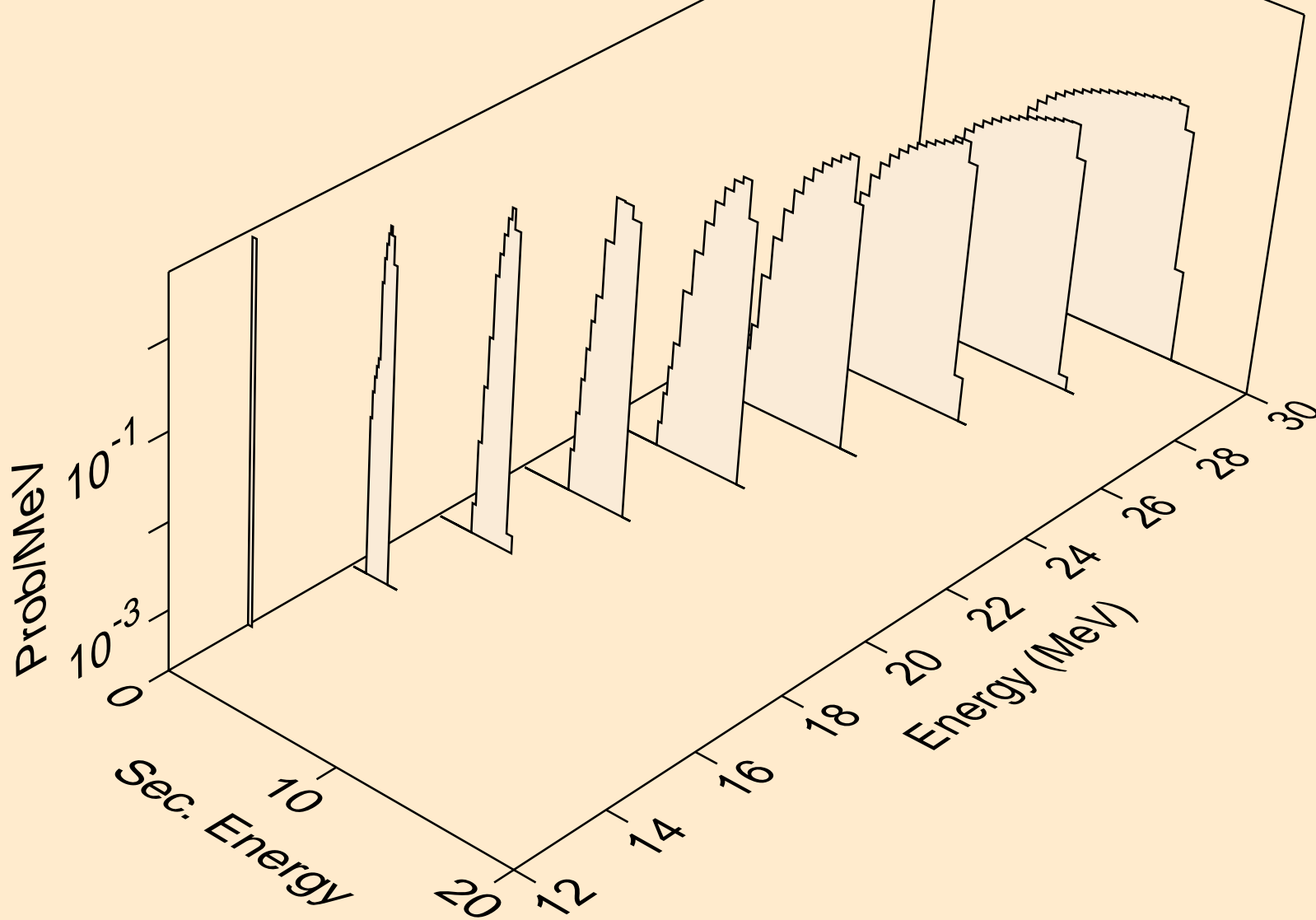
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



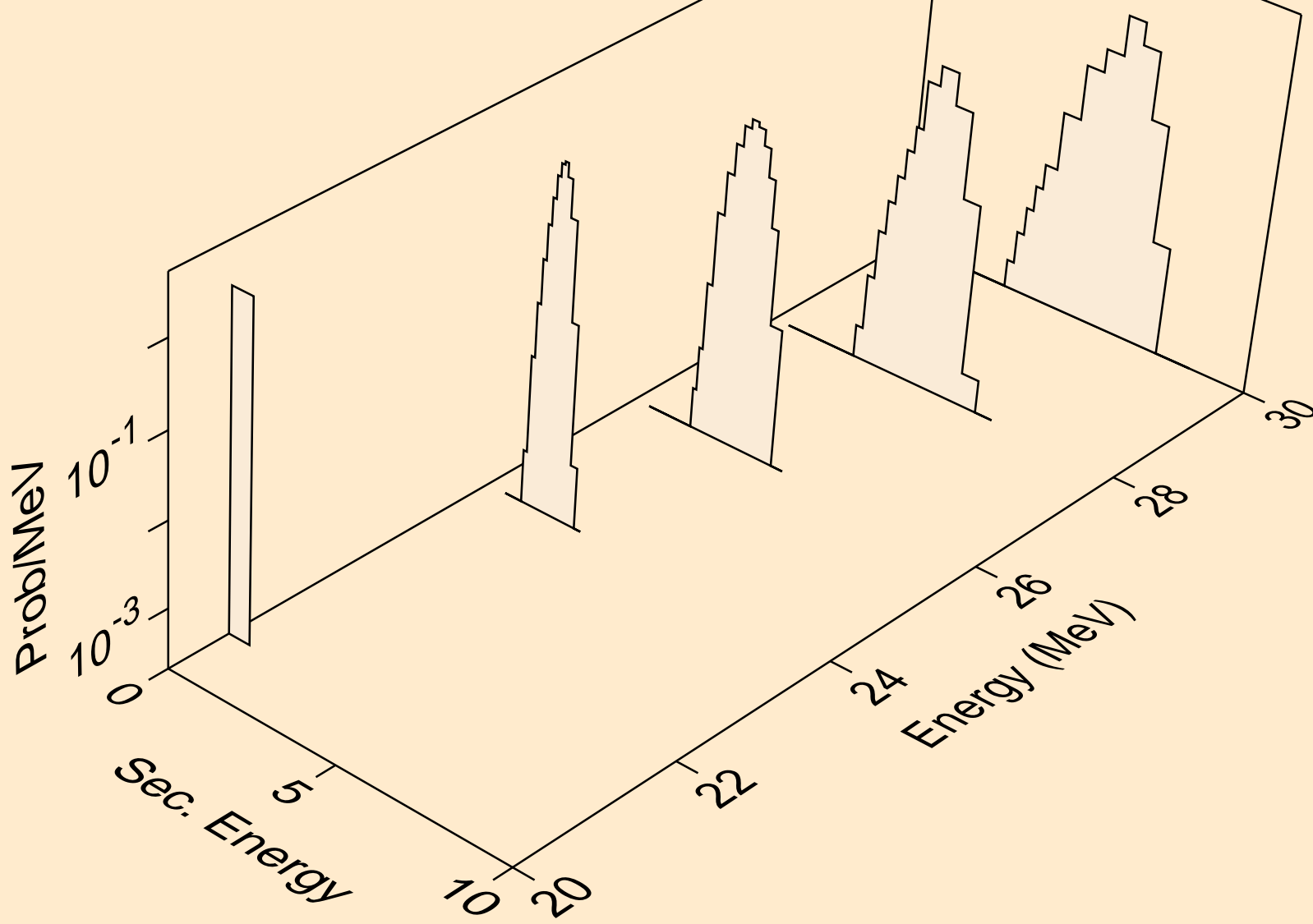
SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

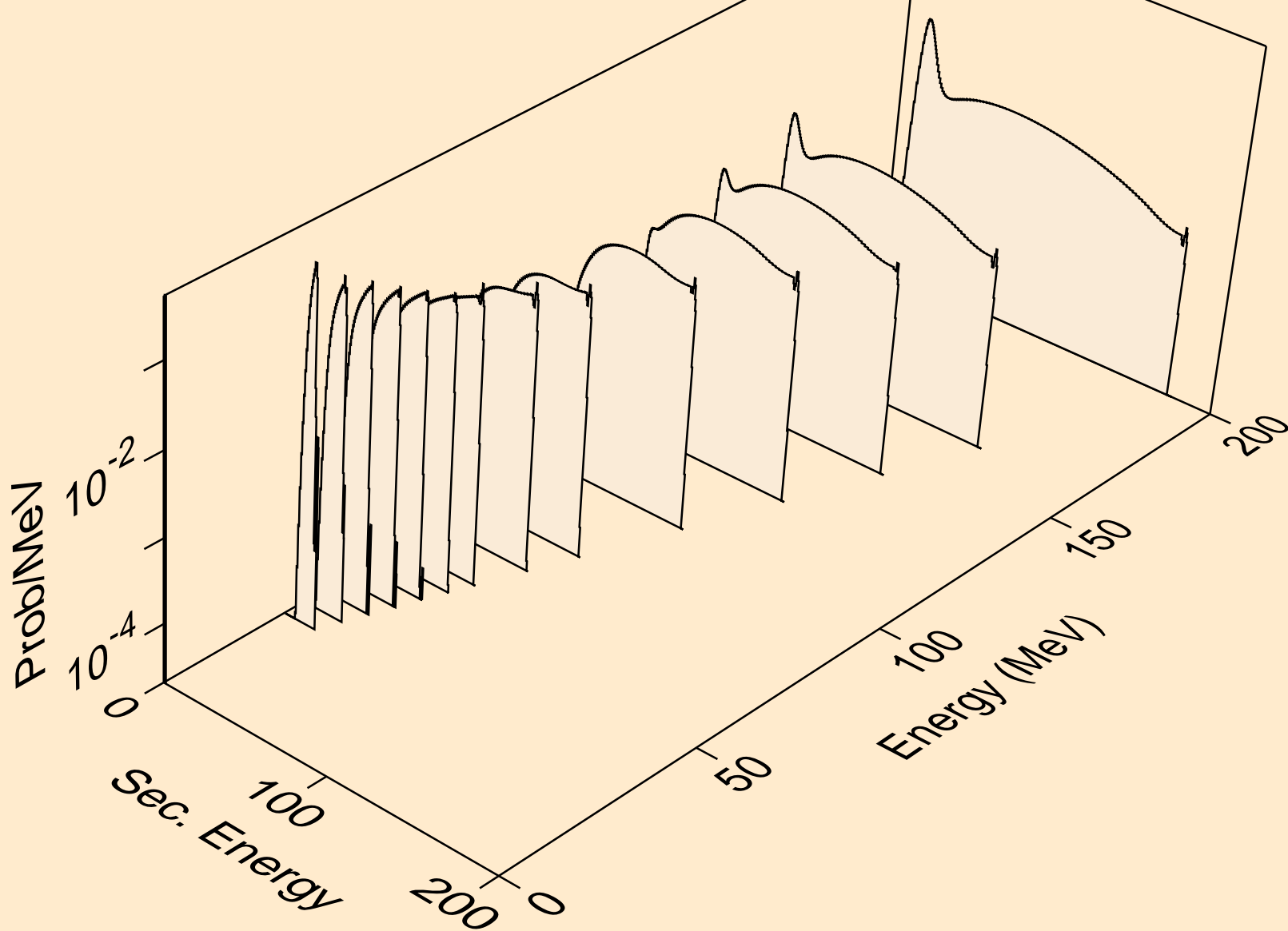


SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)

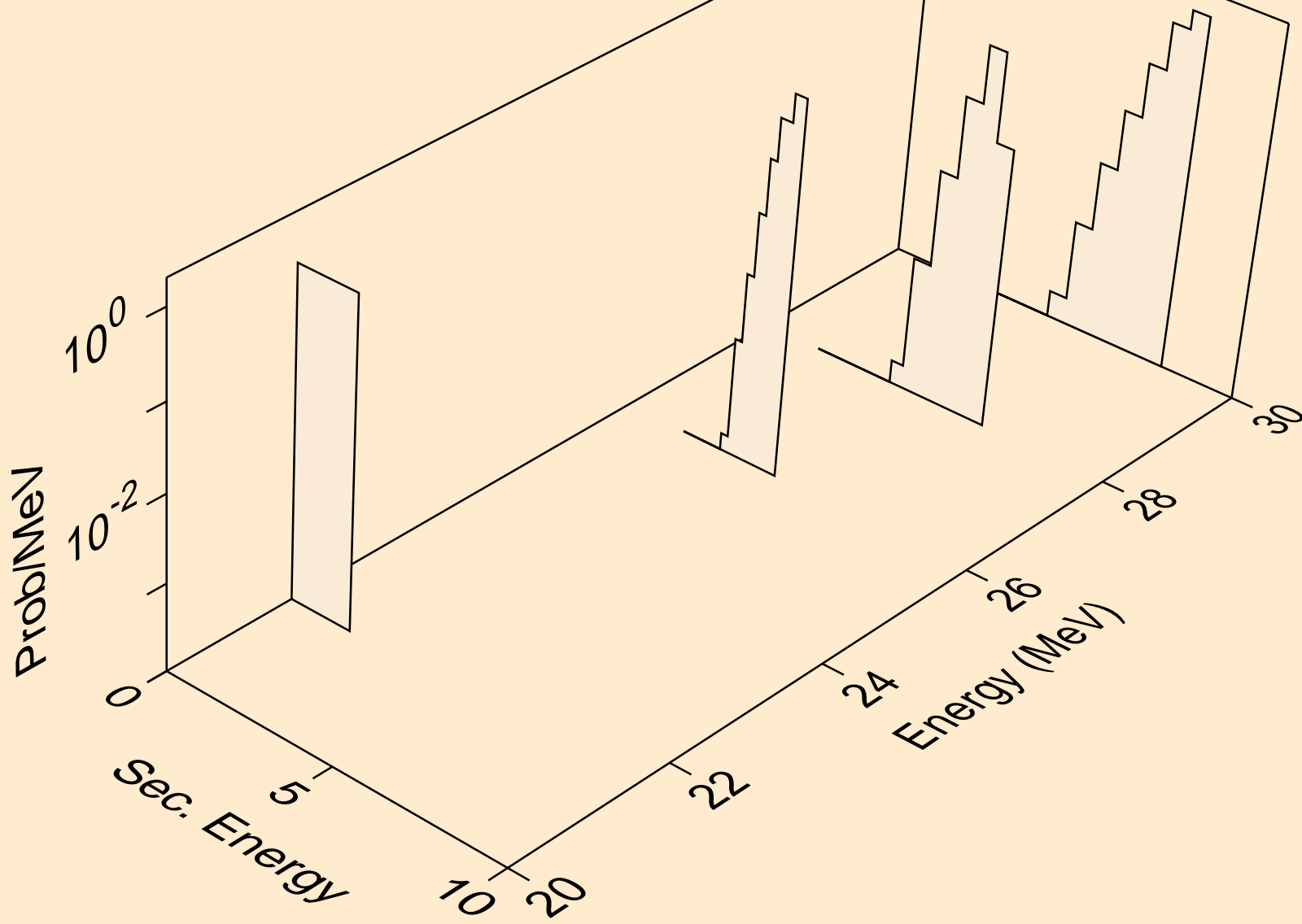




SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SR087 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

