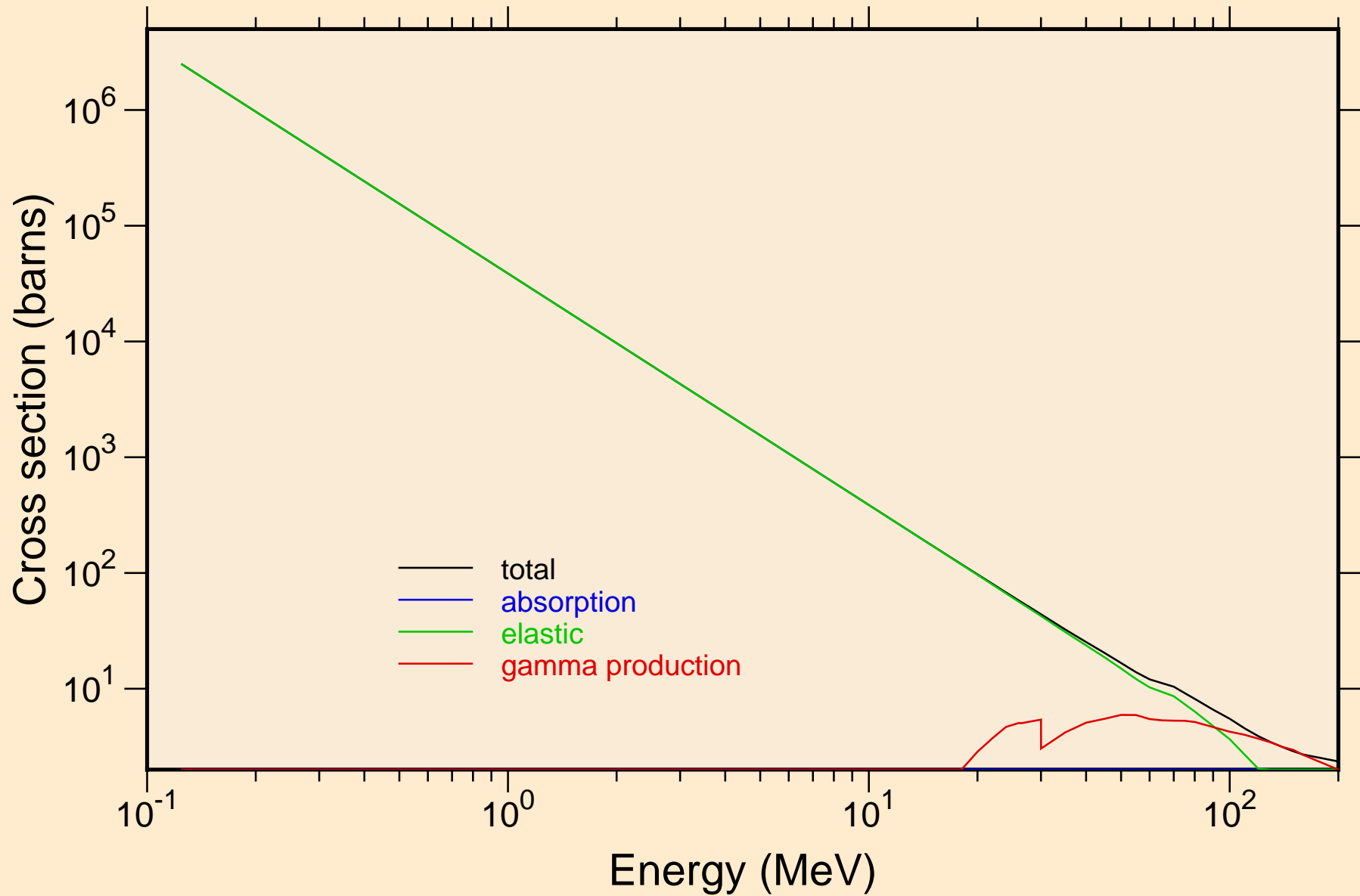
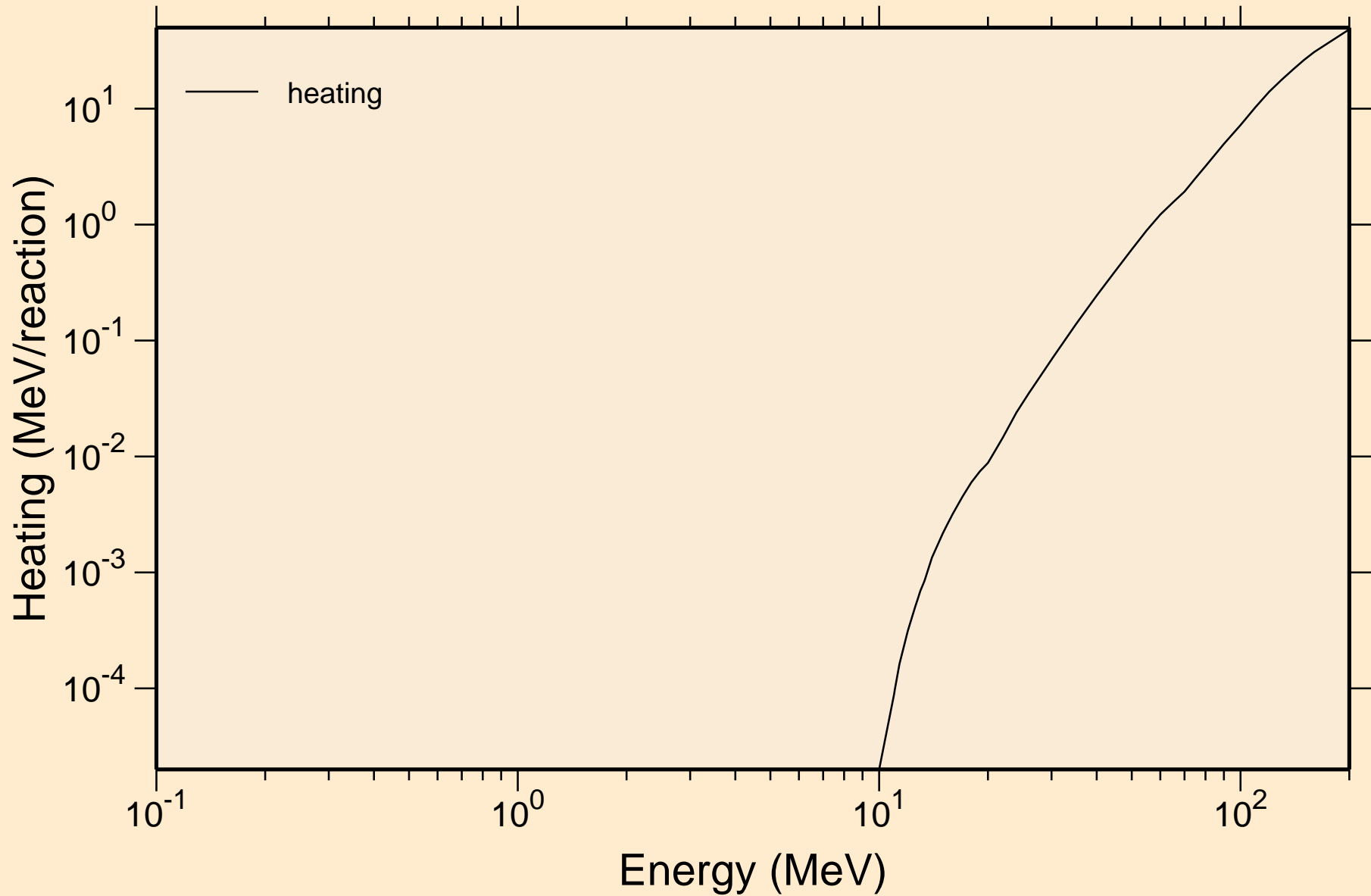


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



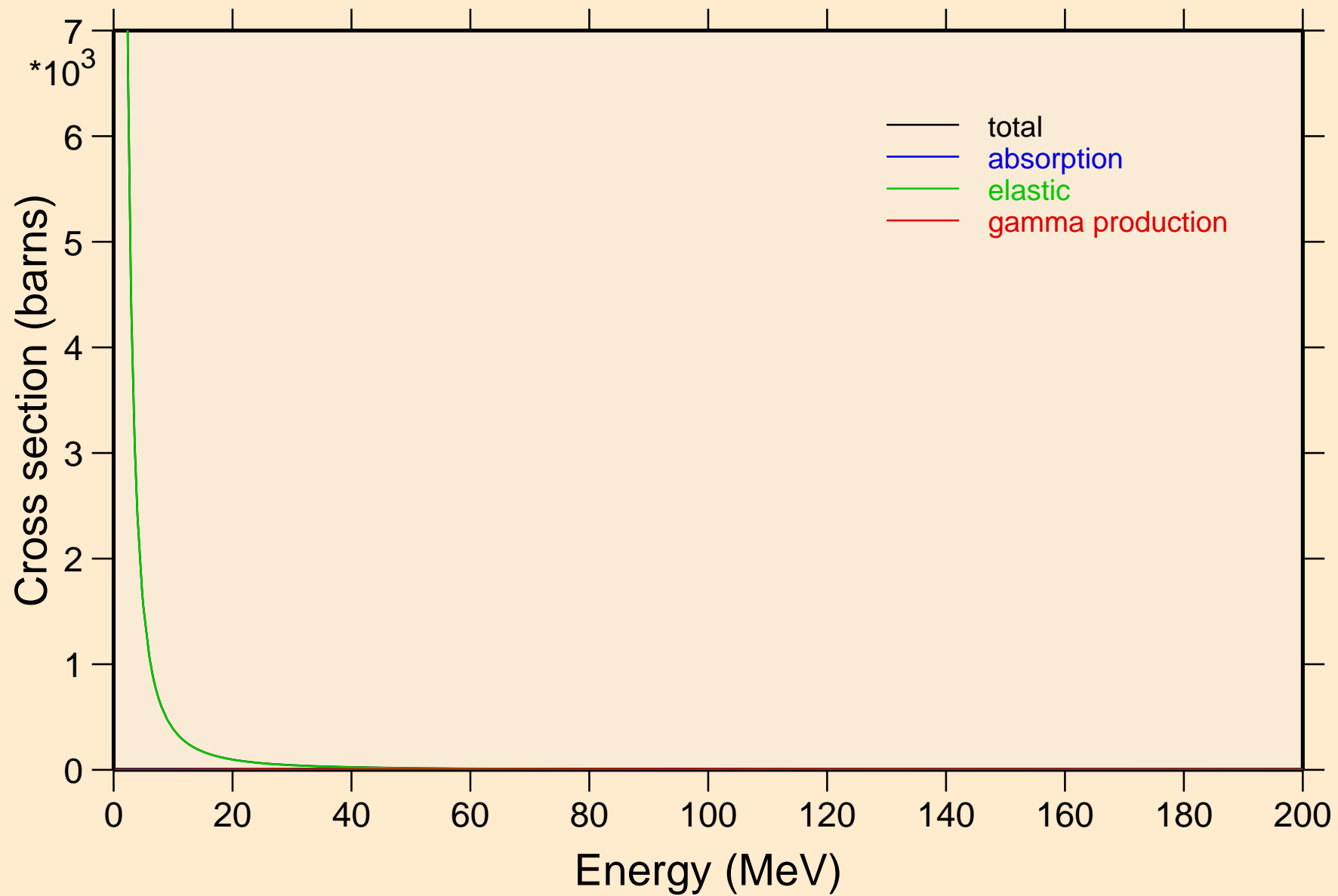
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



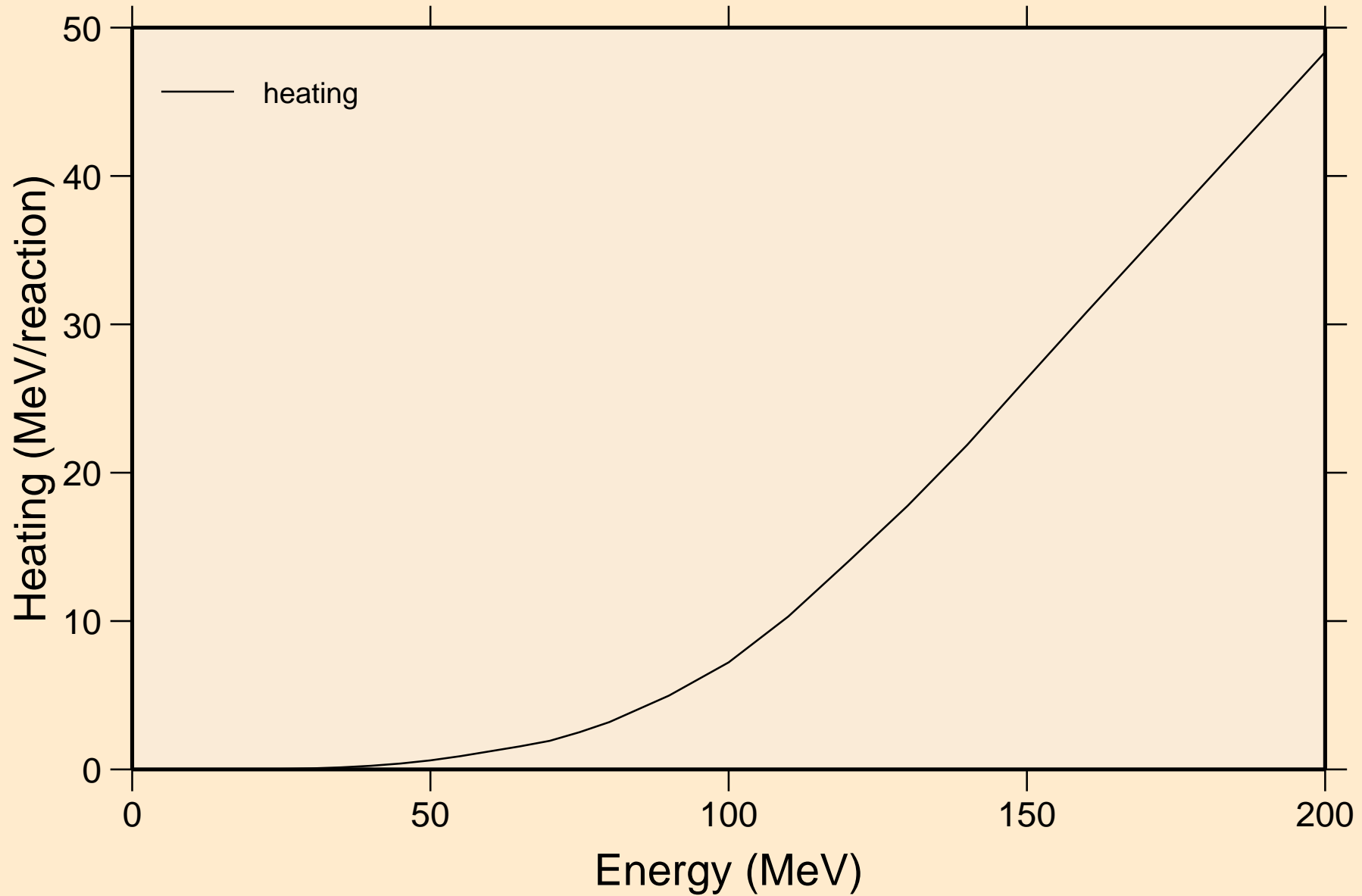
# SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



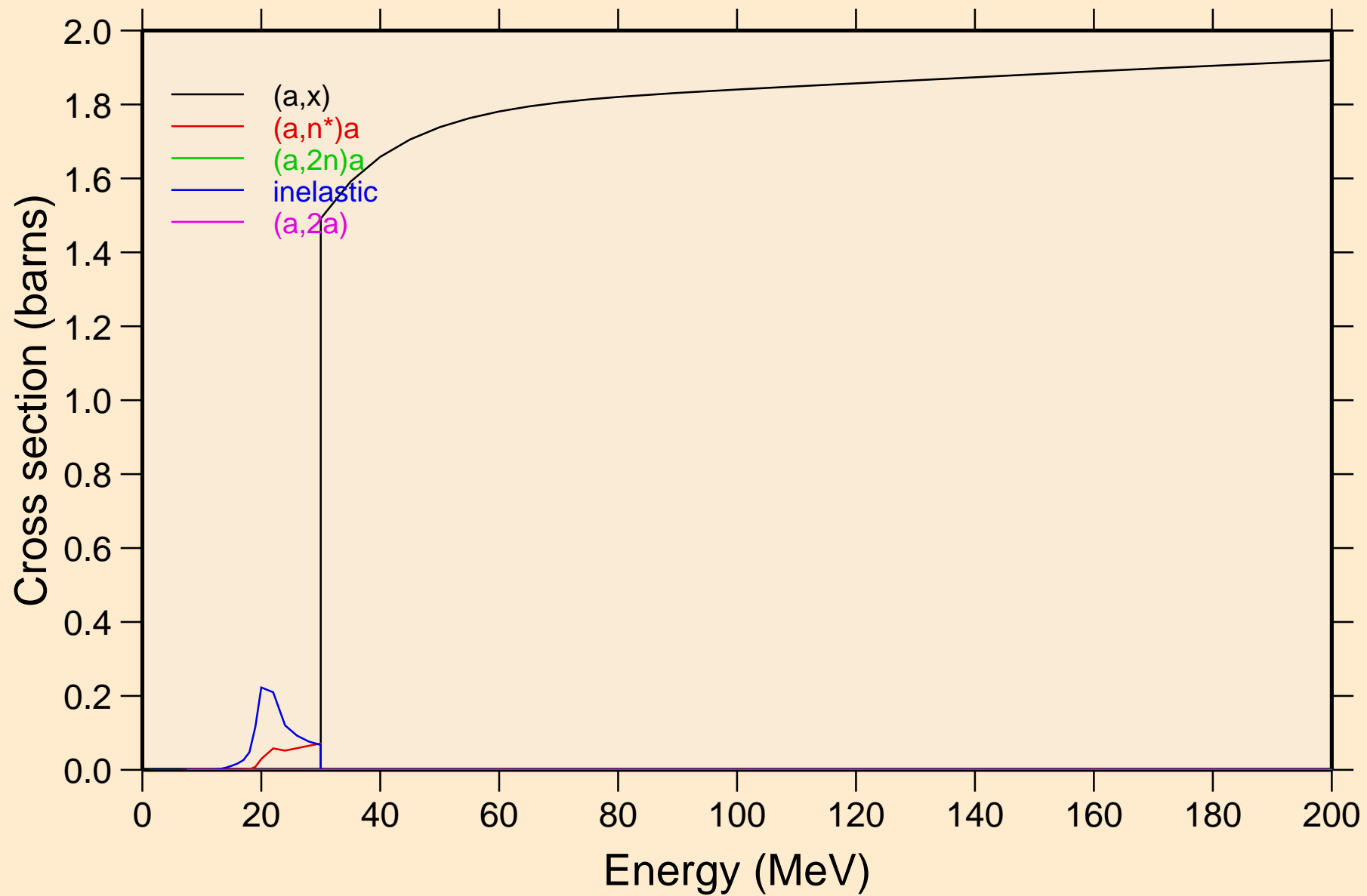
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

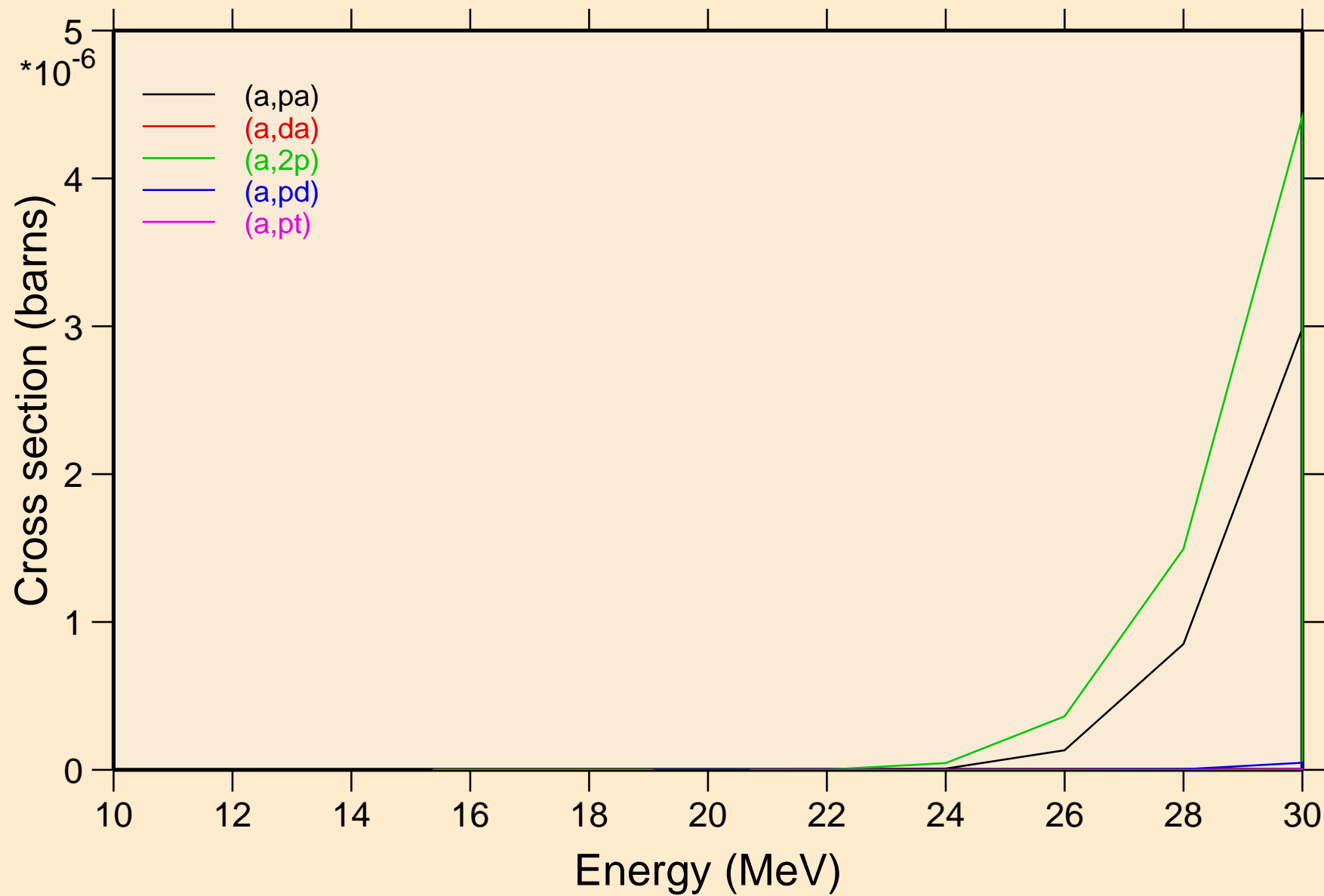


# SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

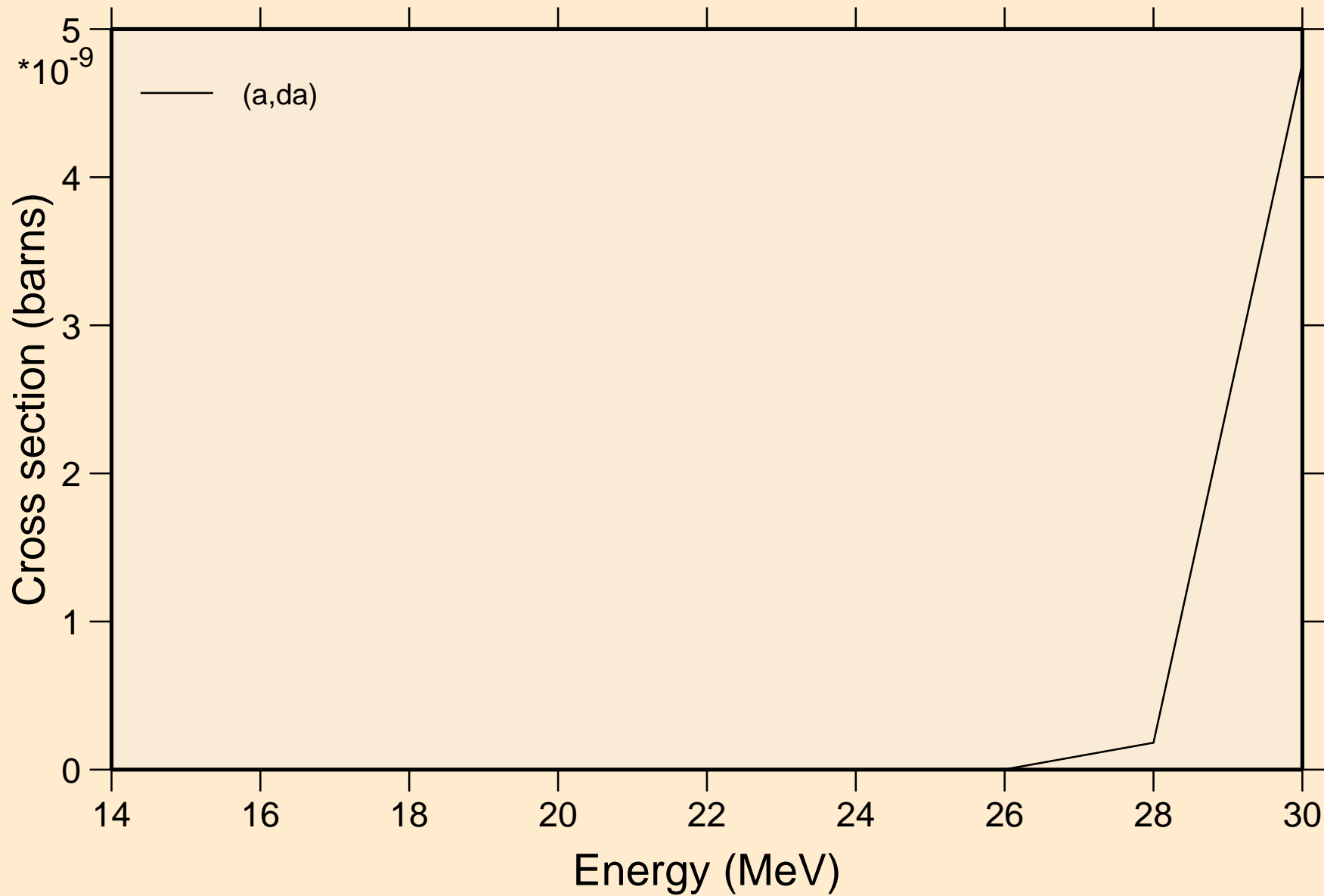
## Threshold reactions



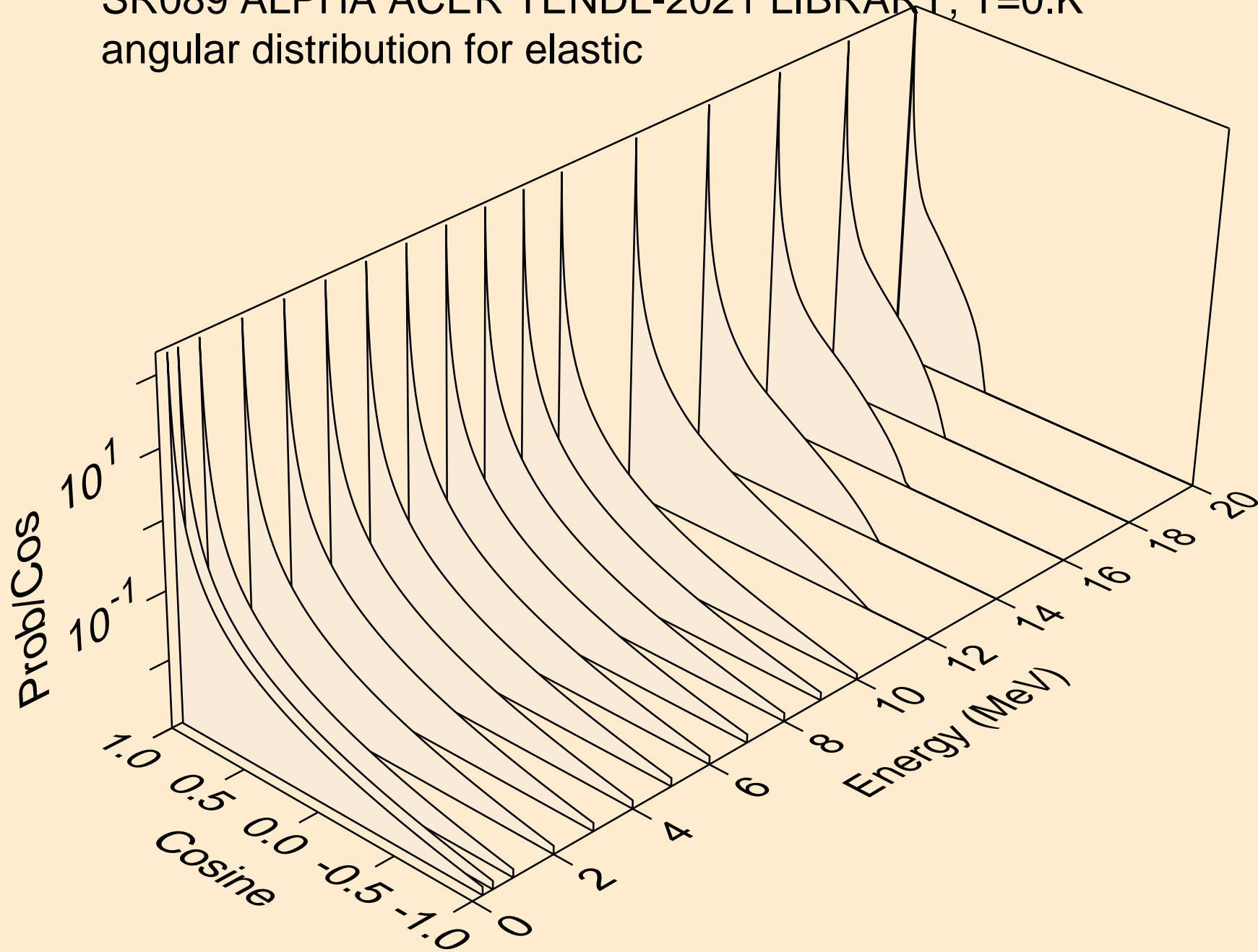
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

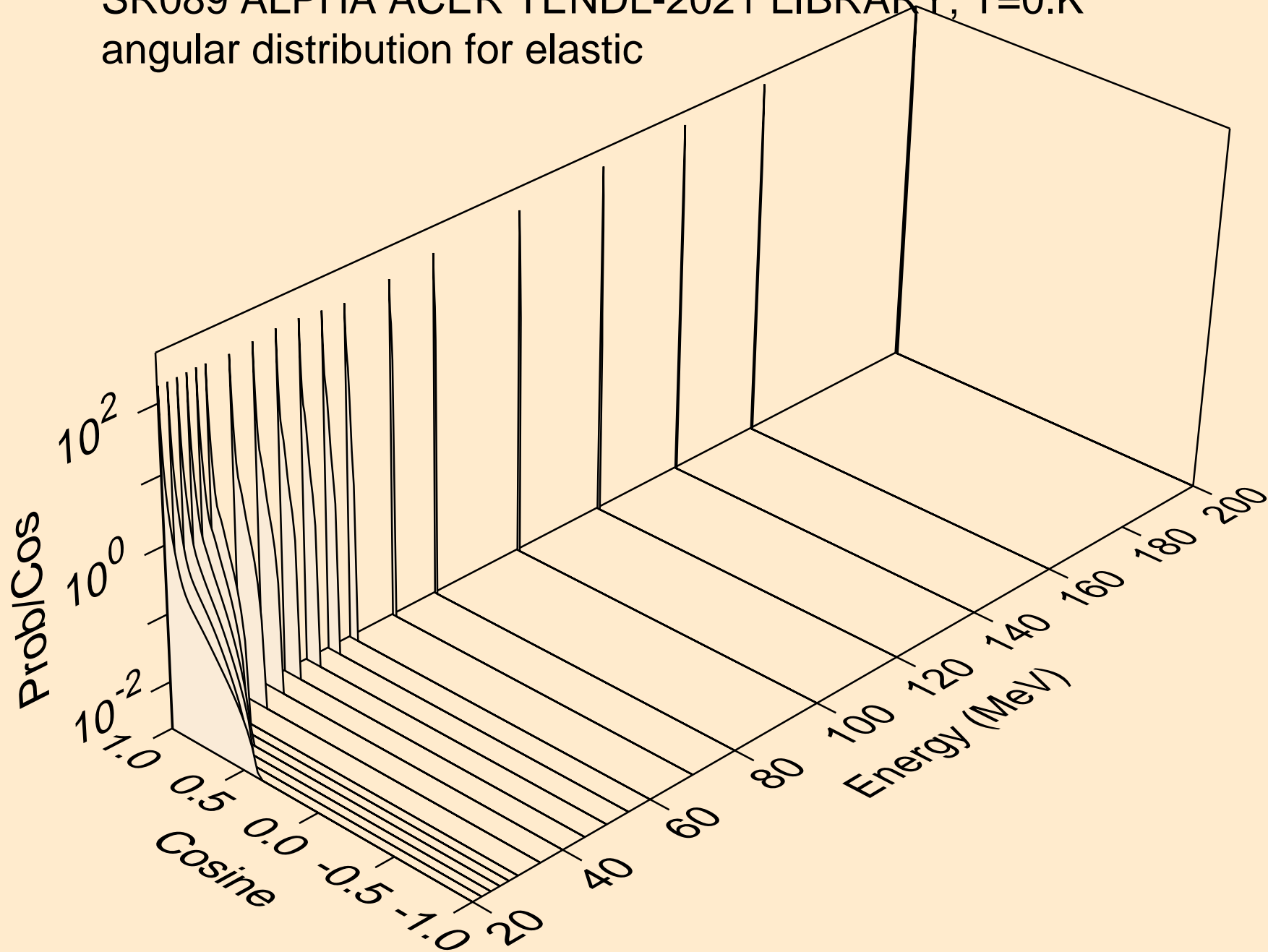


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

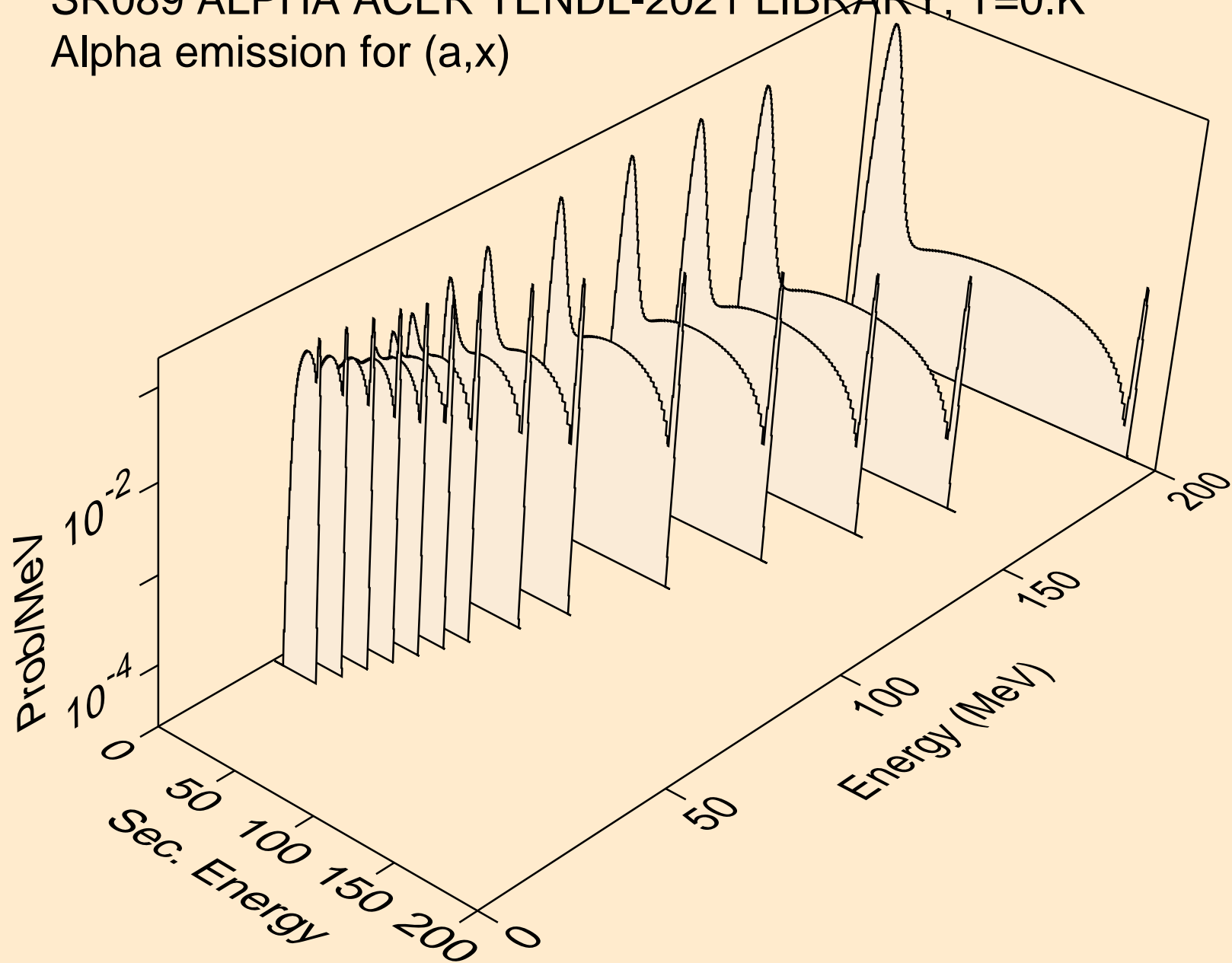




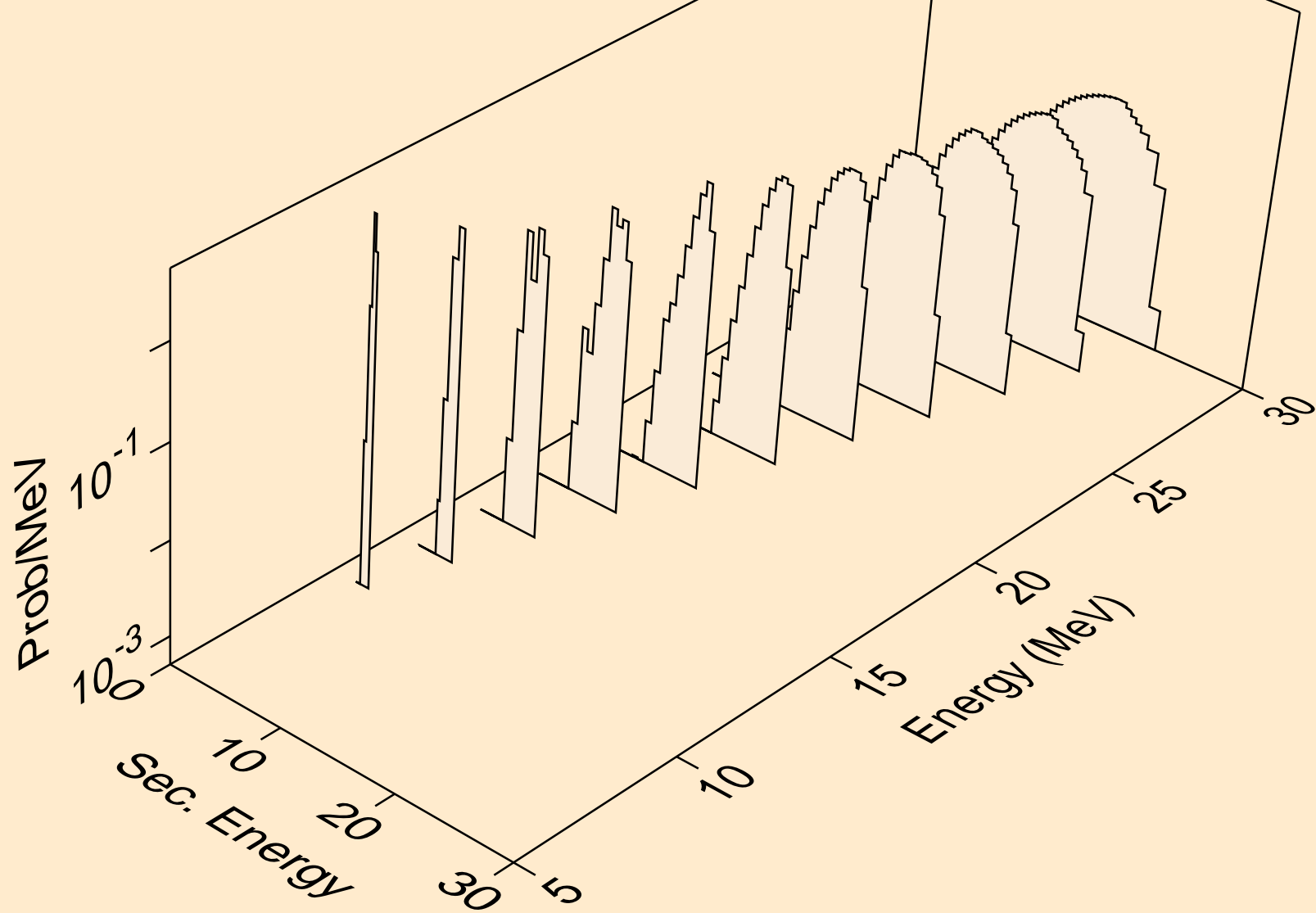
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



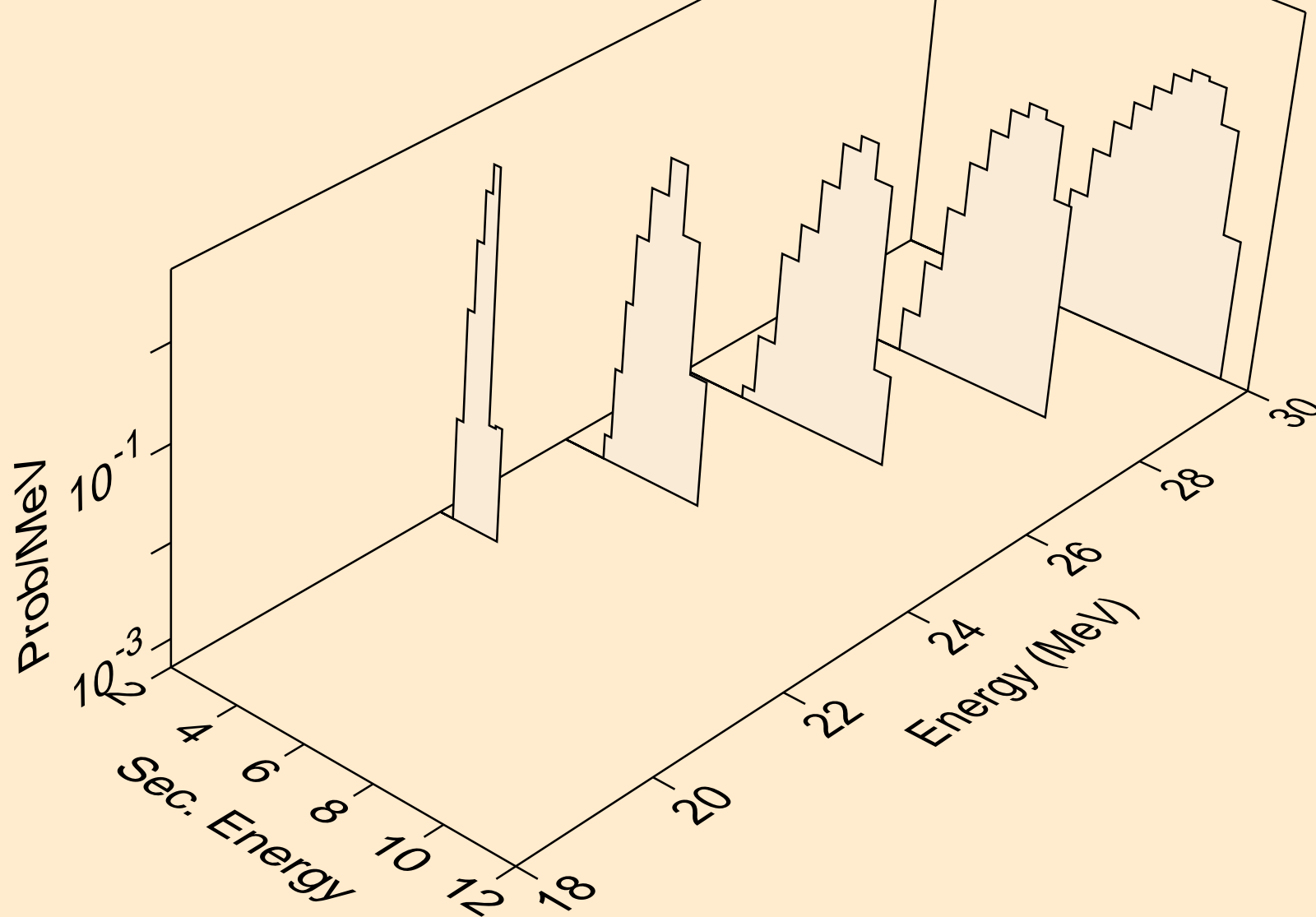
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



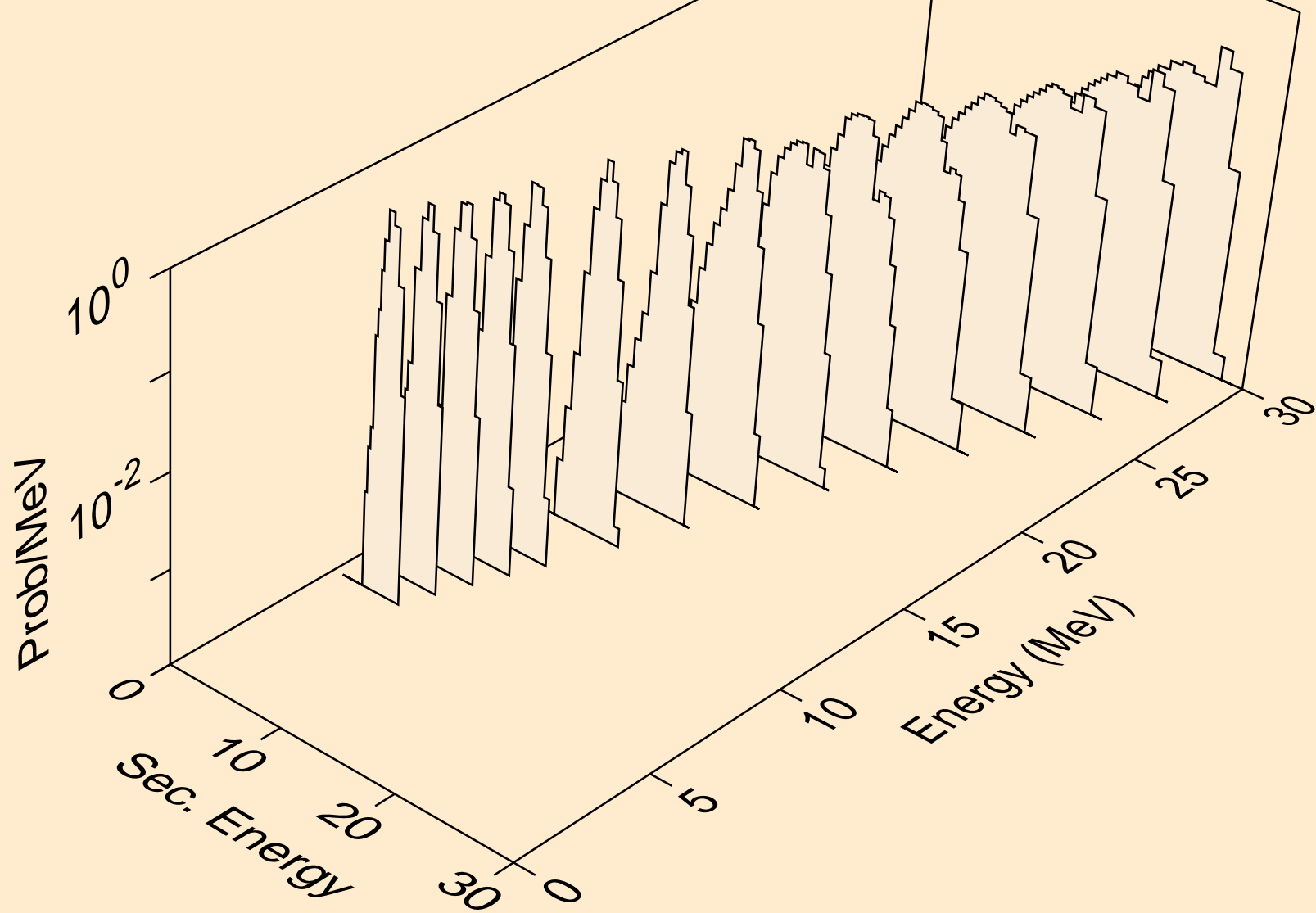
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



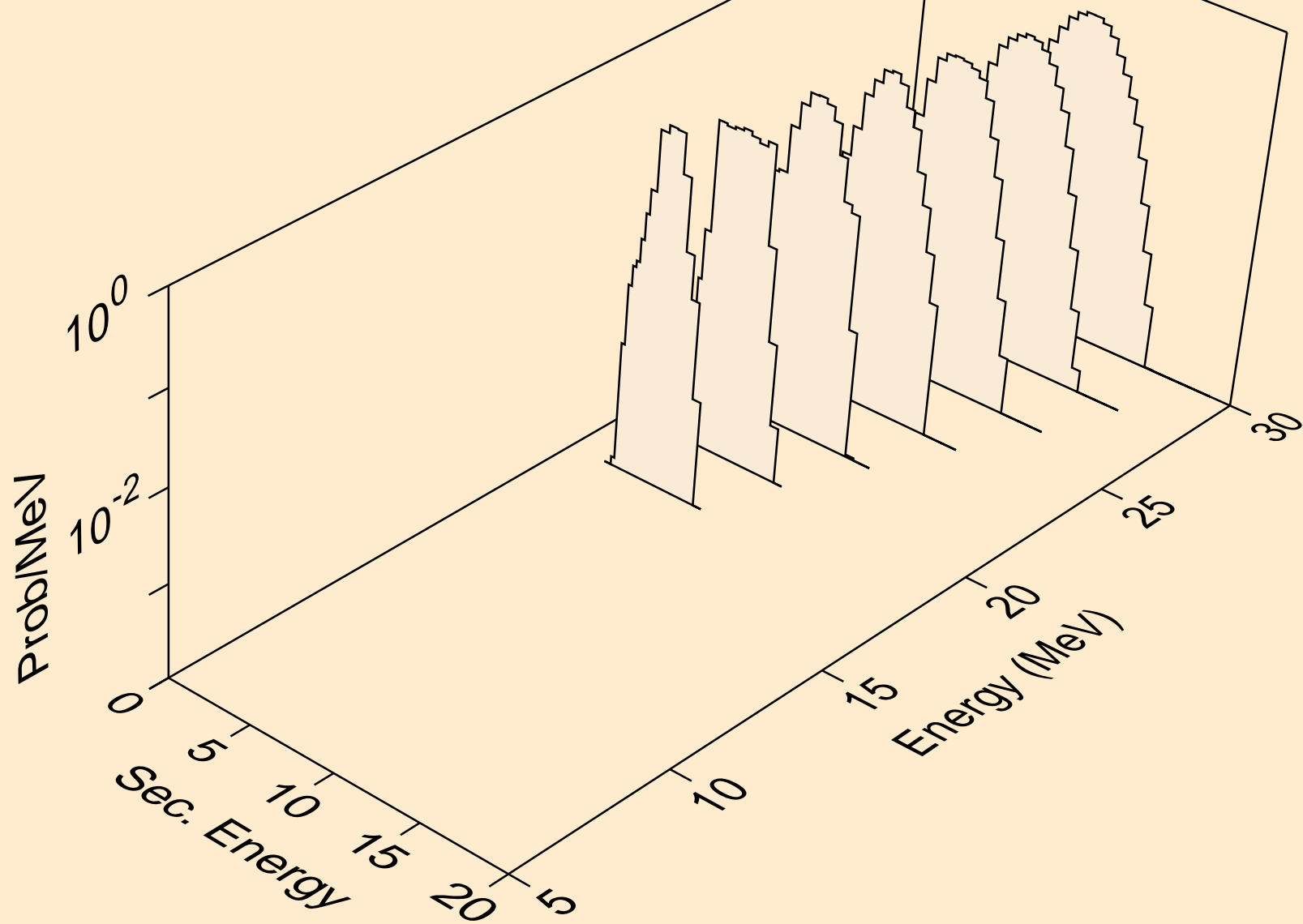
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



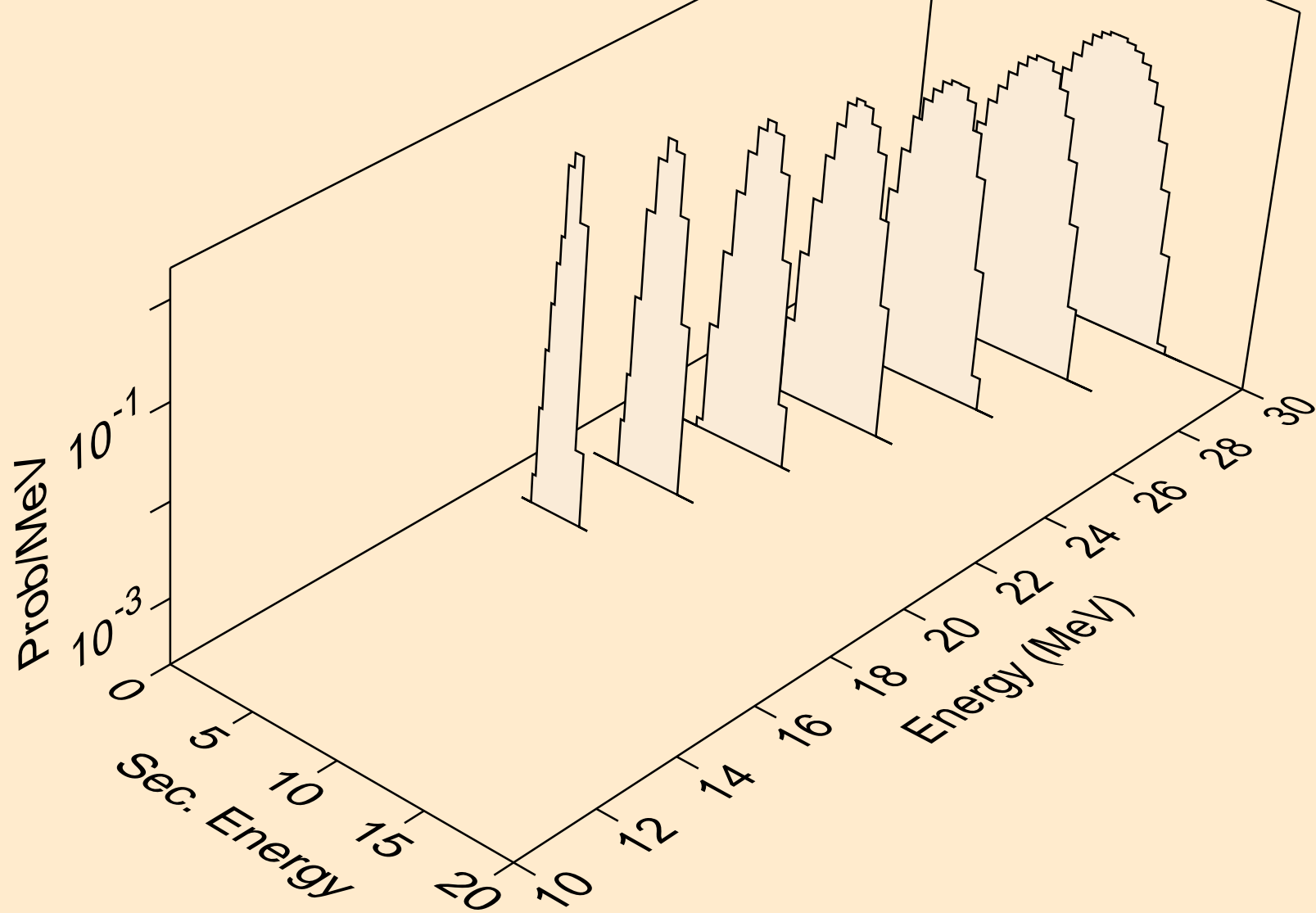
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



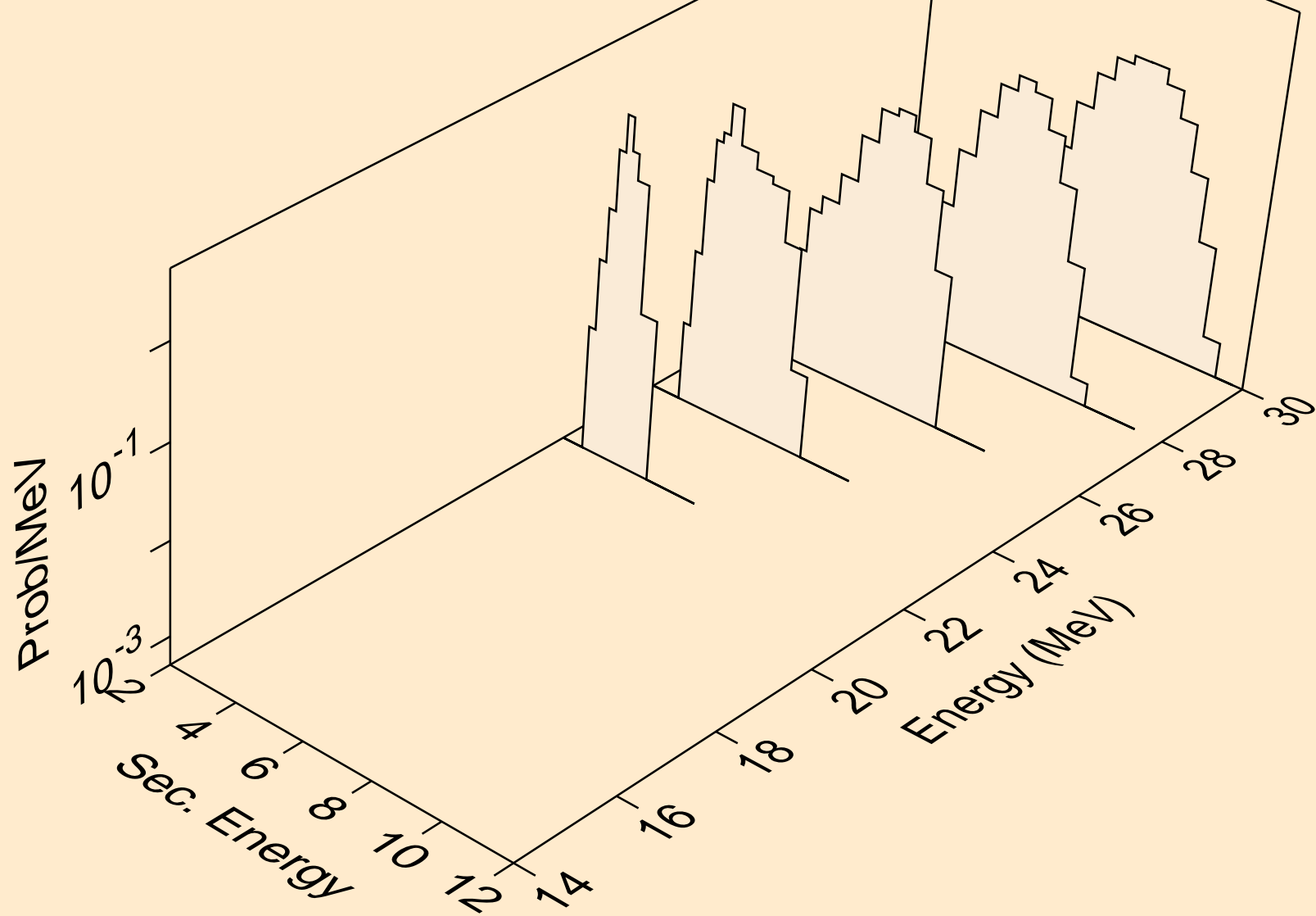
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

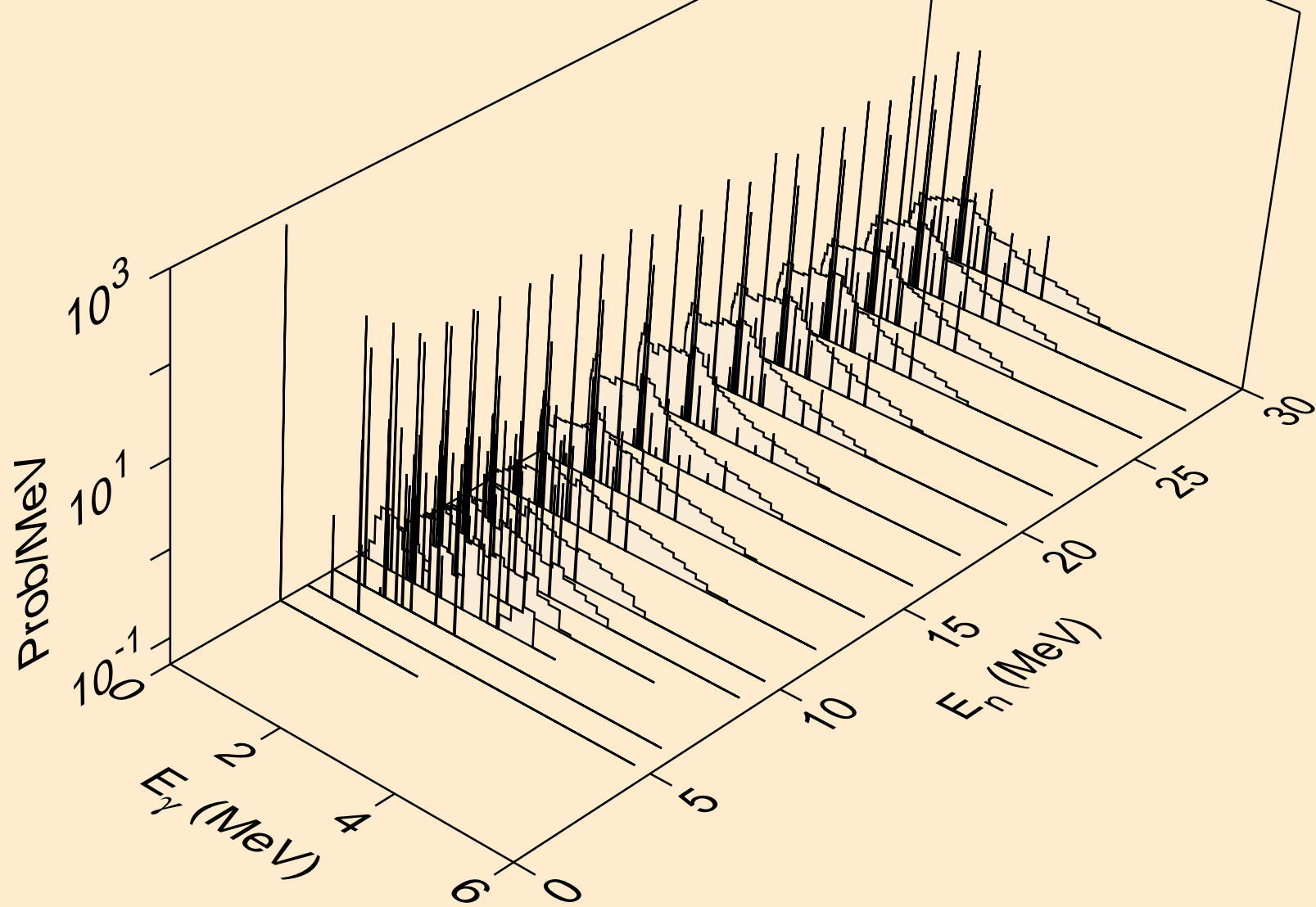


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

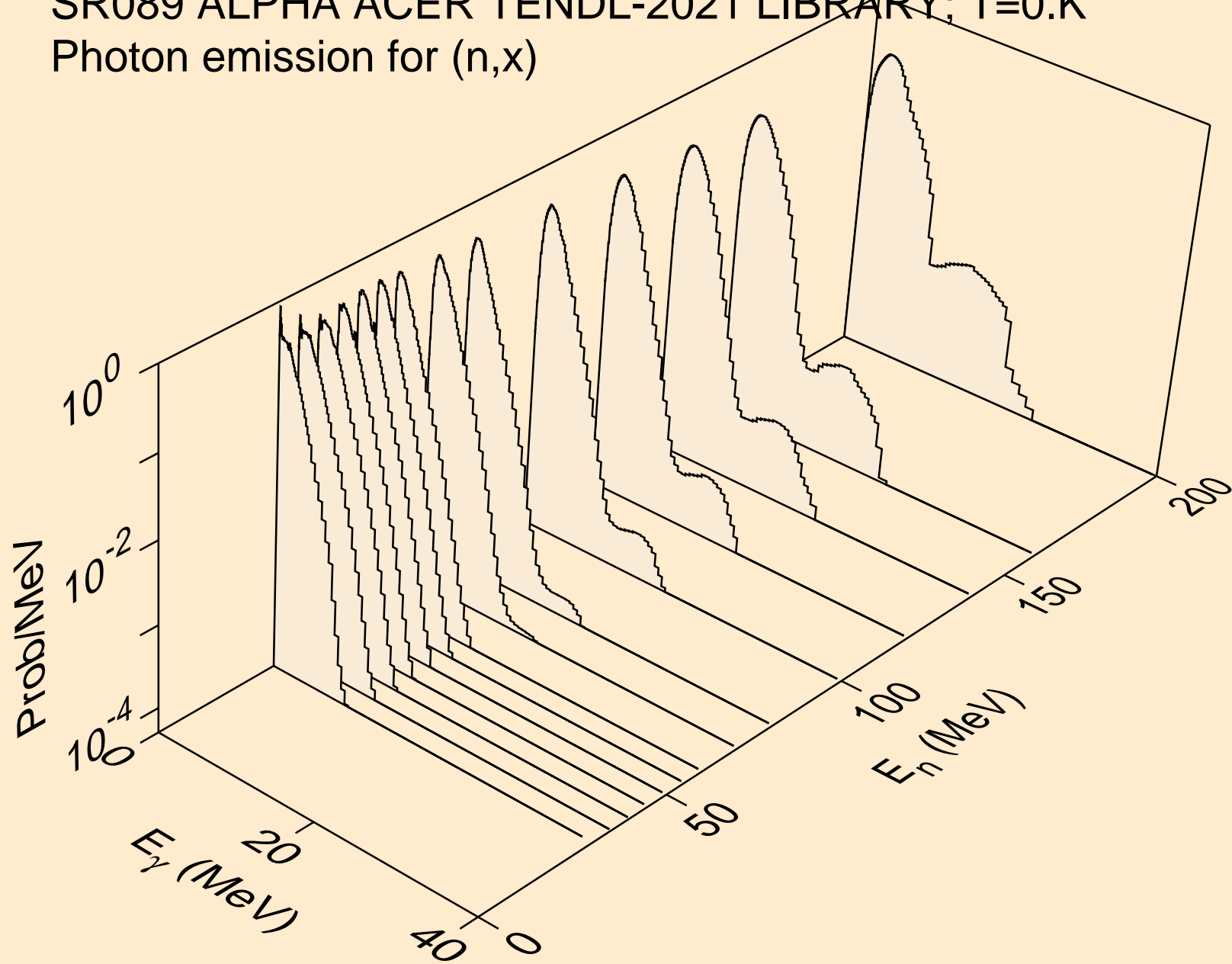




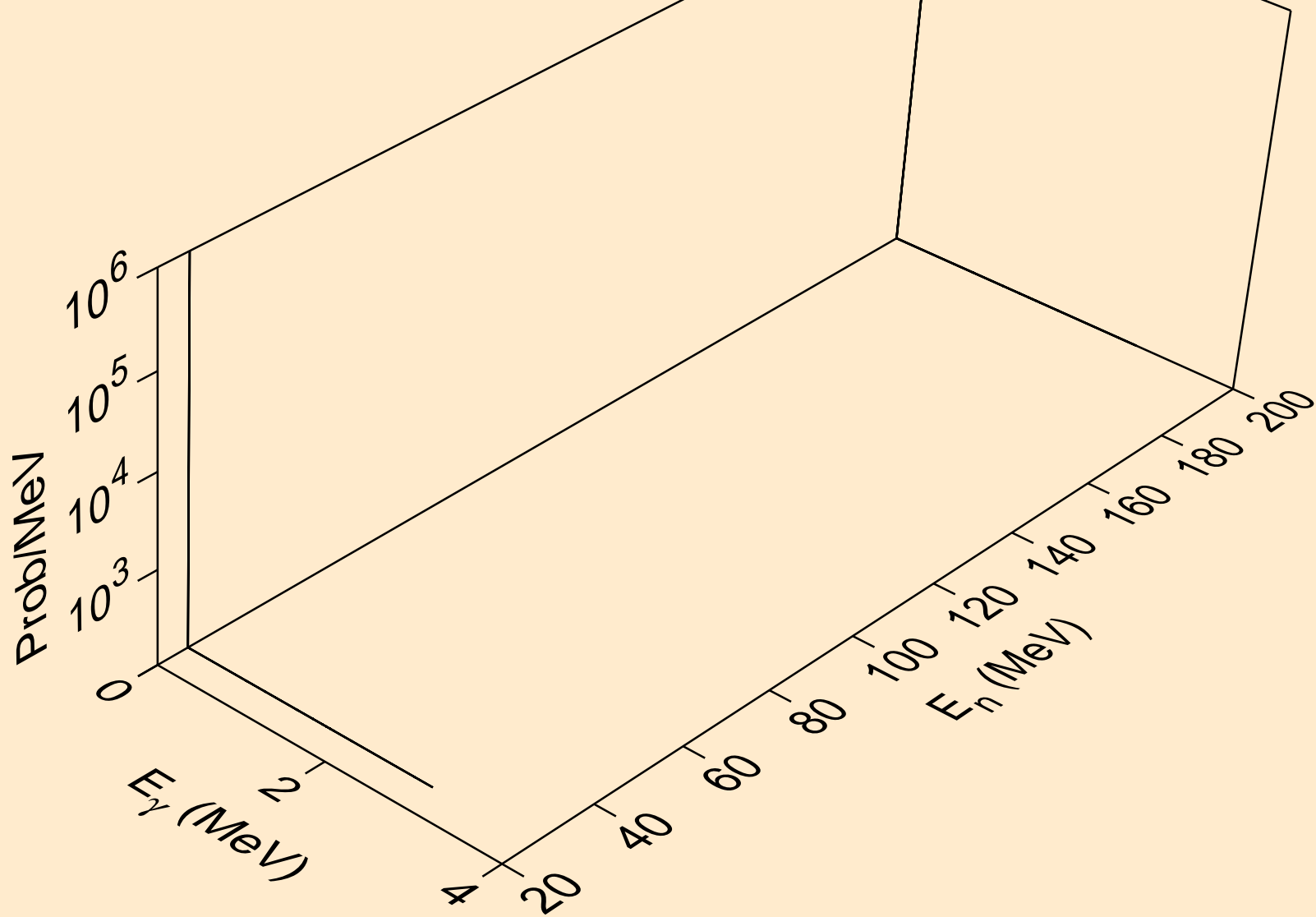
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



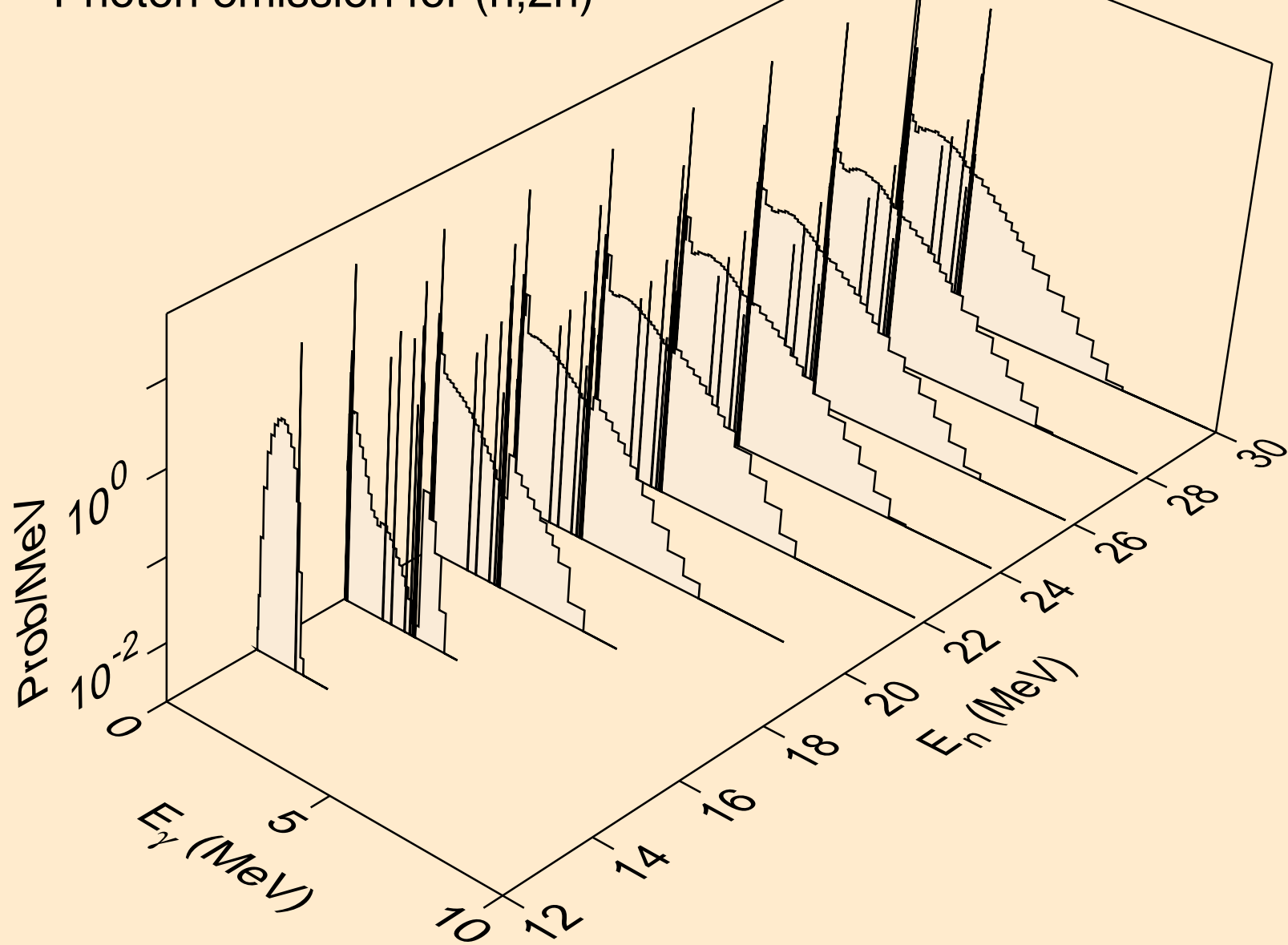
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



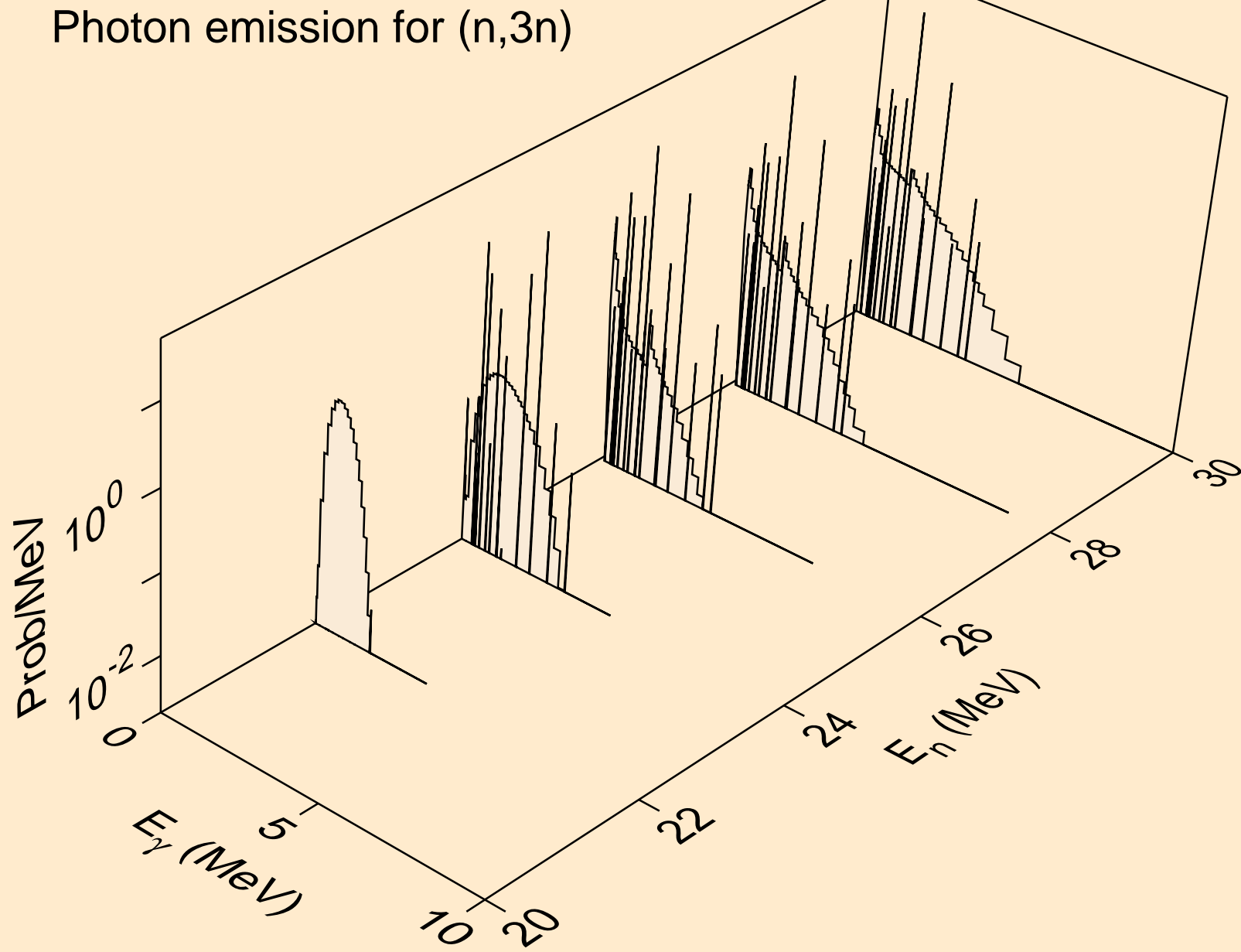
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



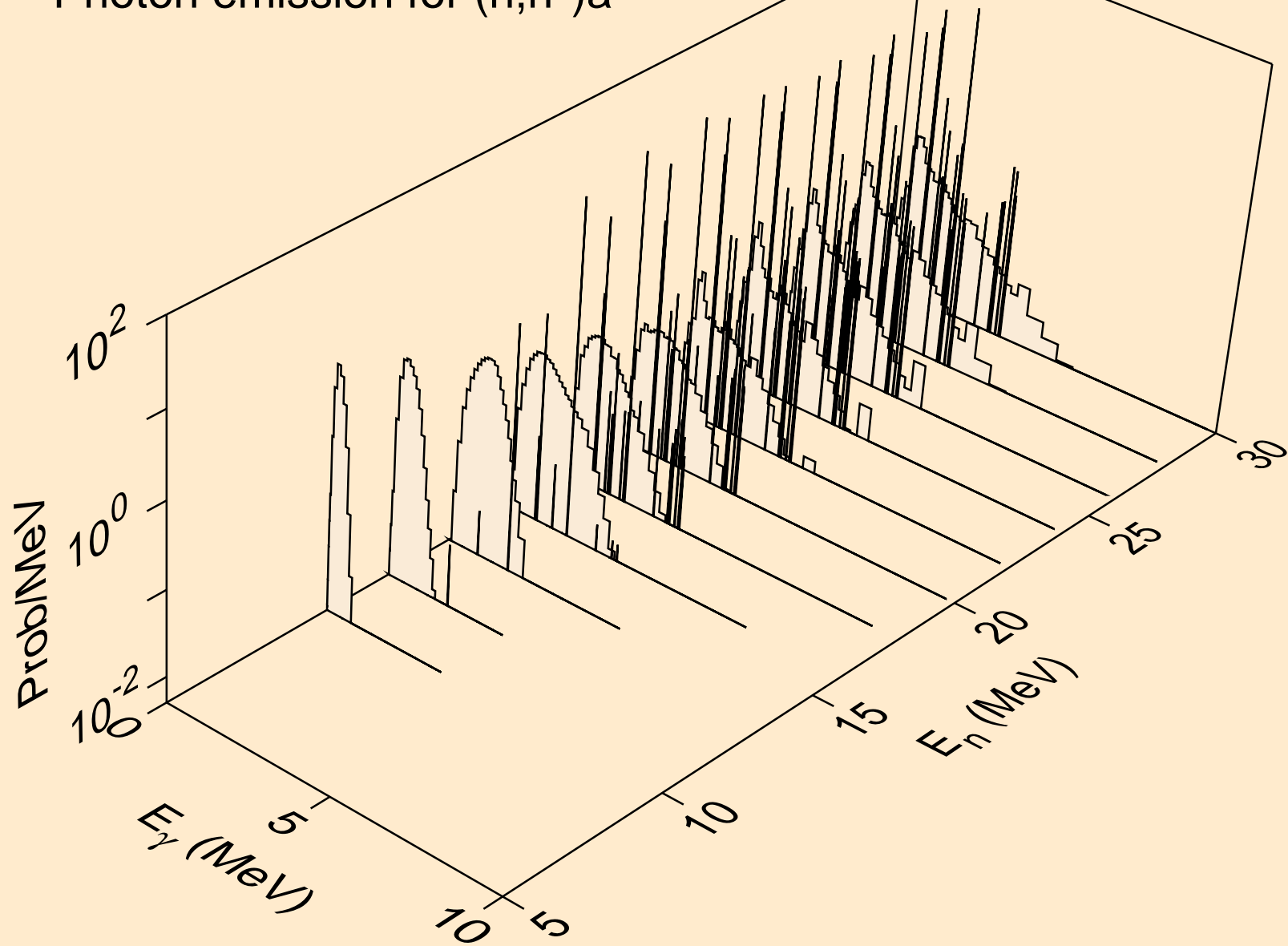
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



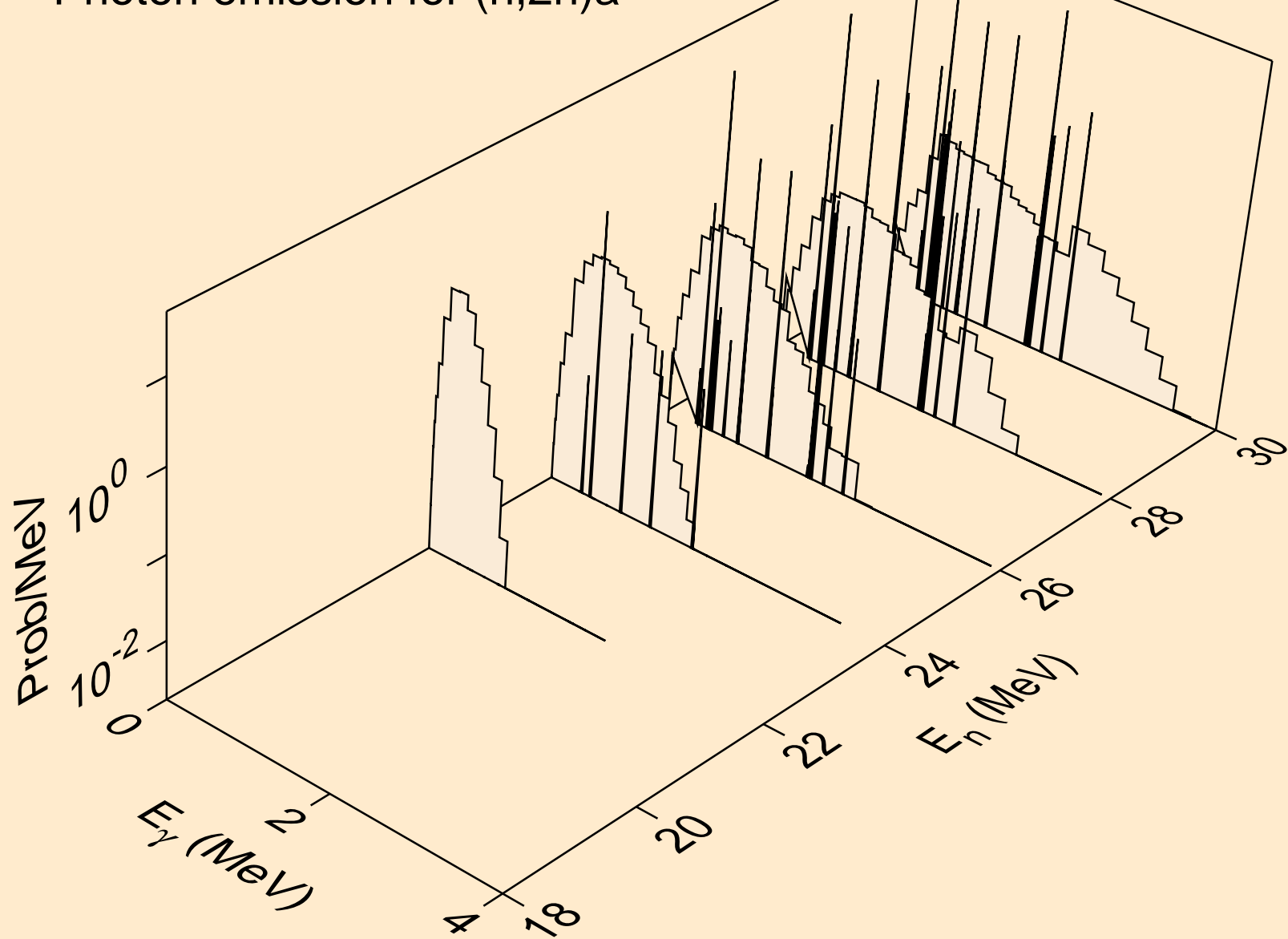
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



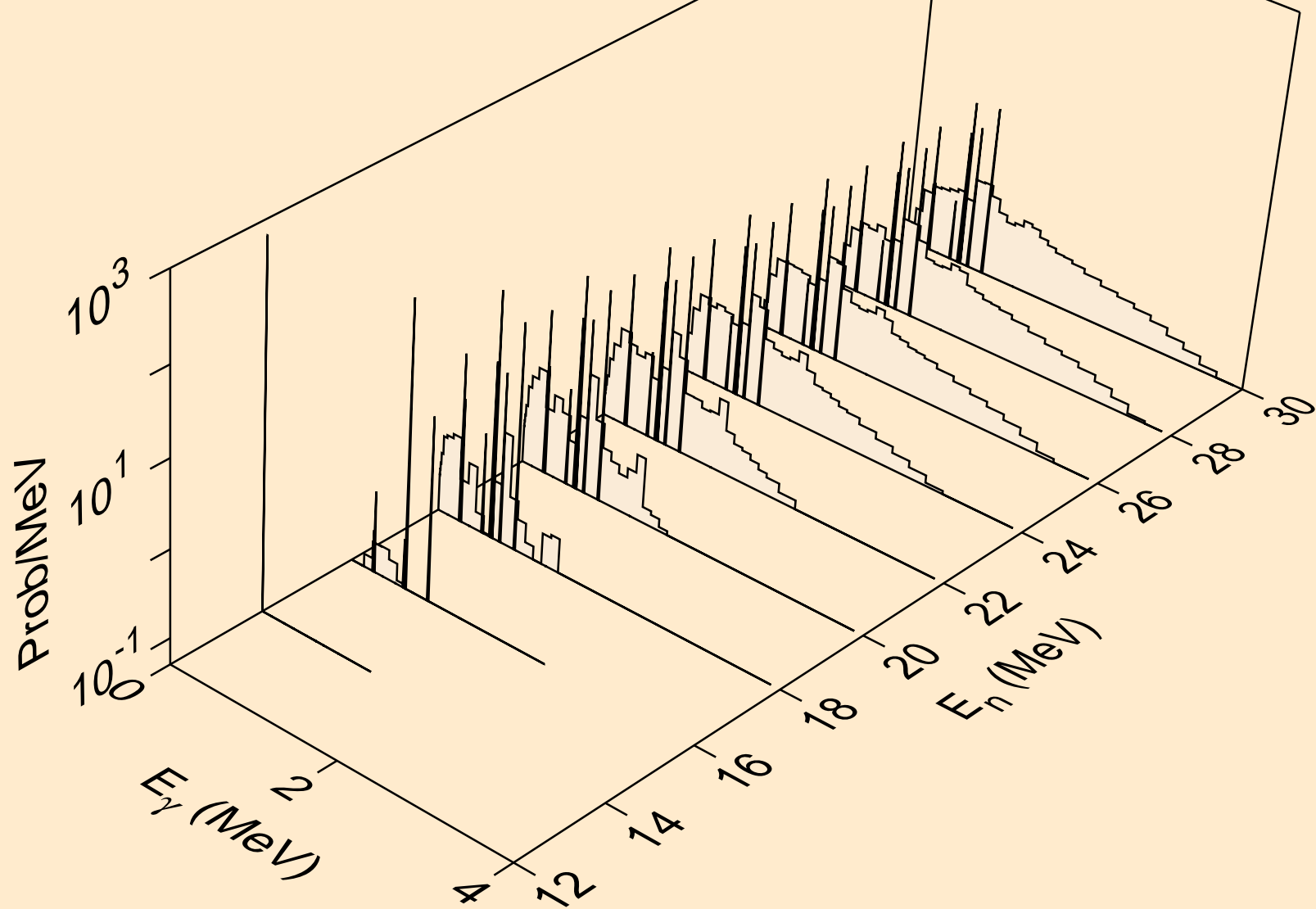
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

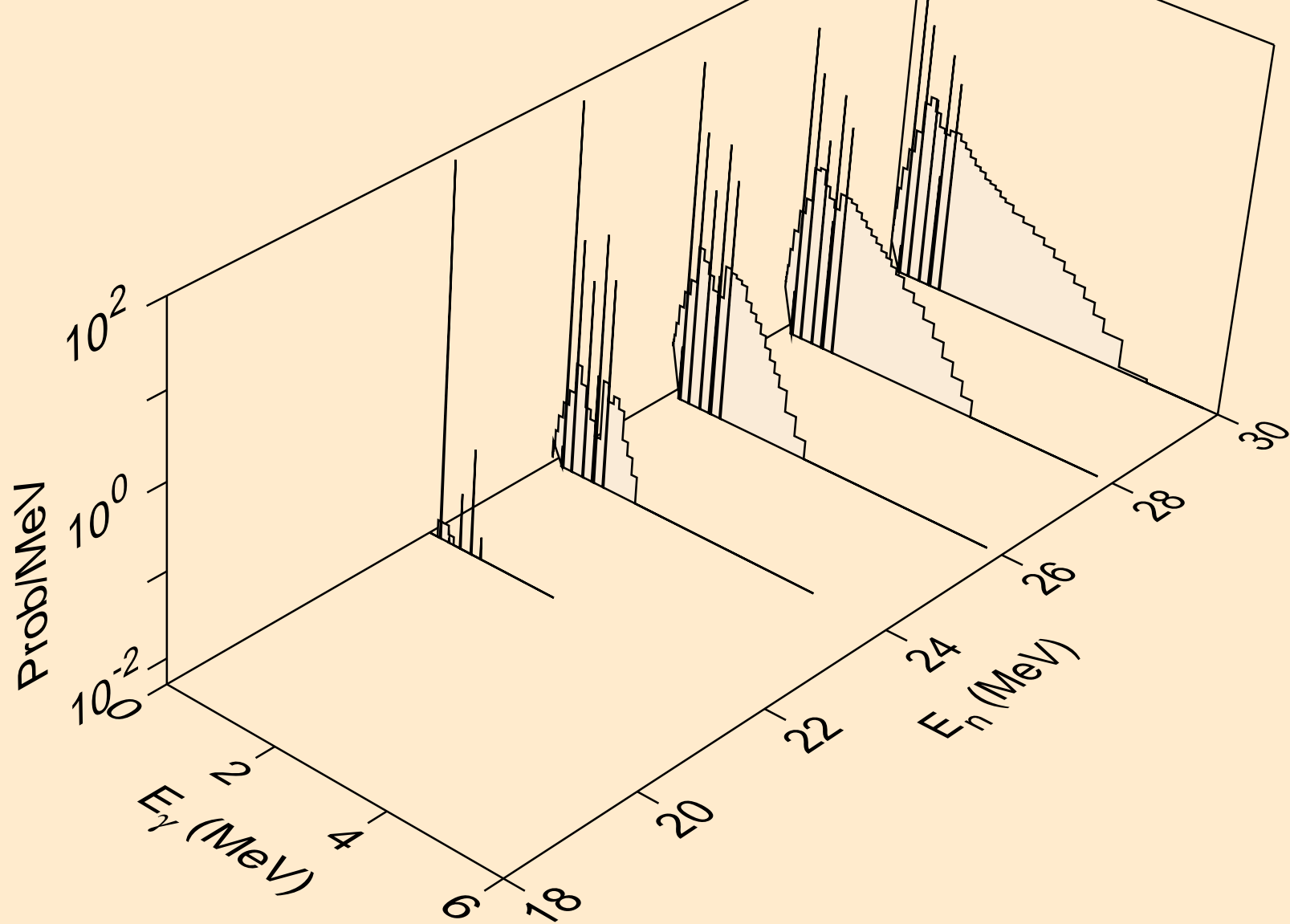


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Photon emission for (n,n\*)p

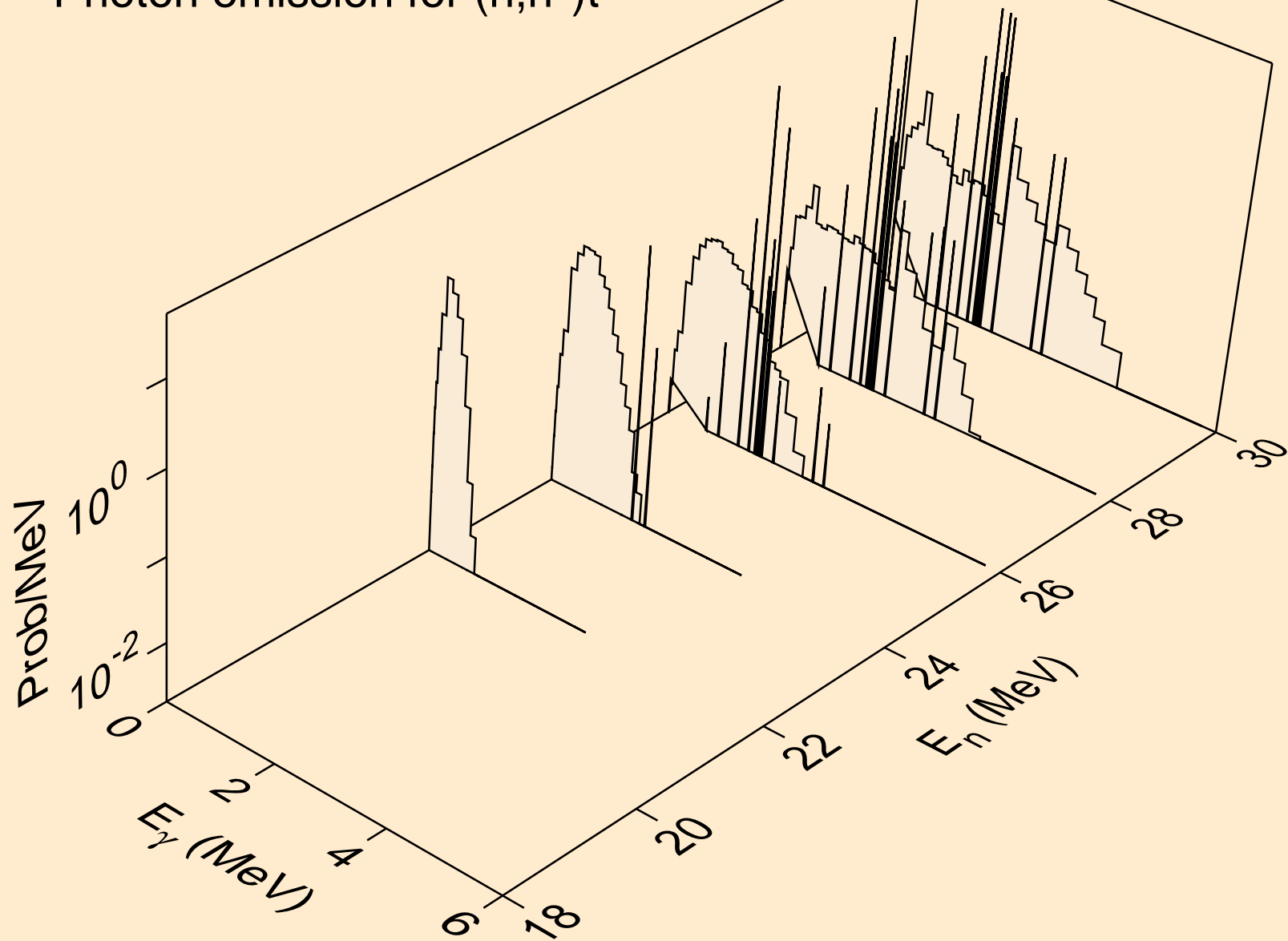




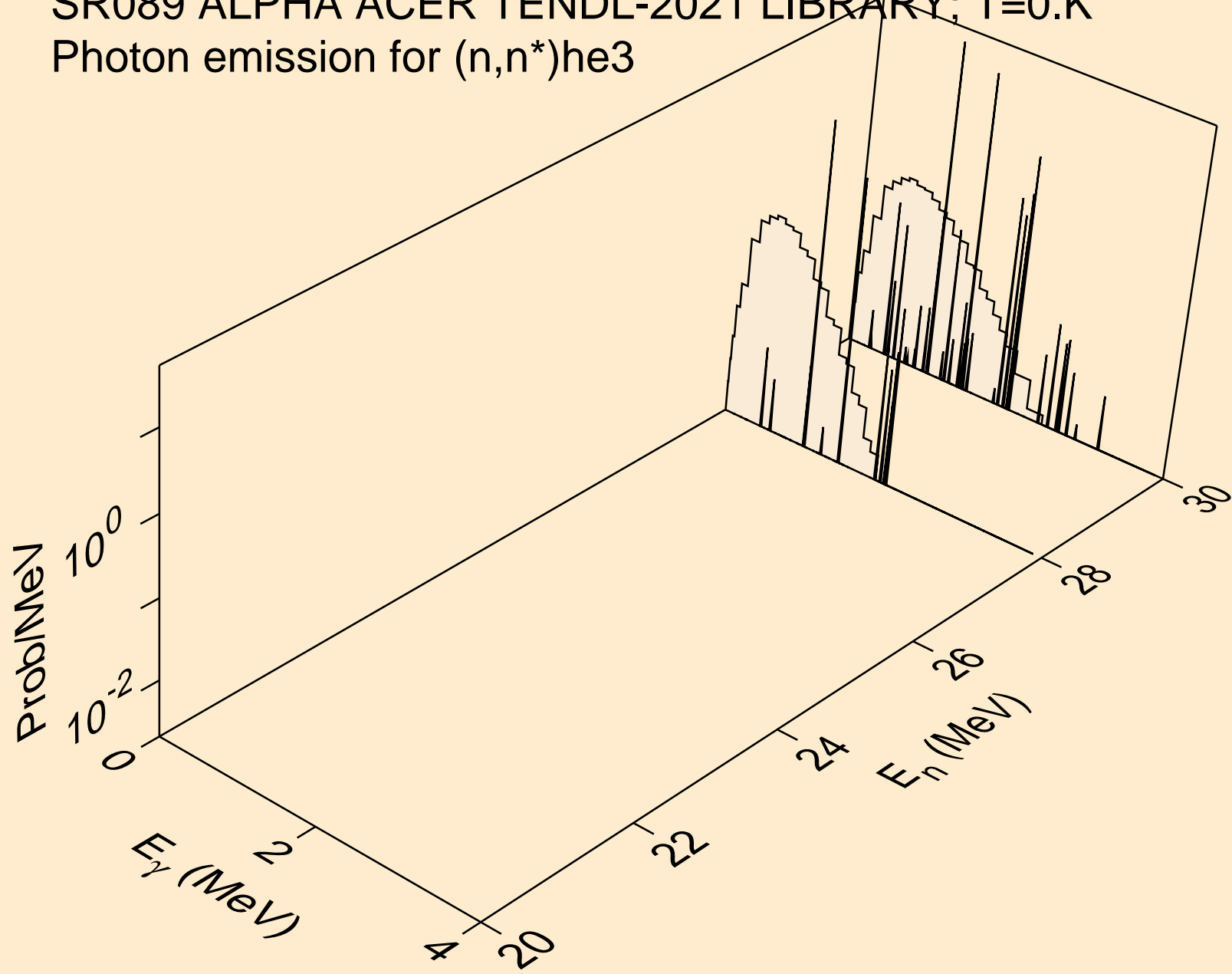
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



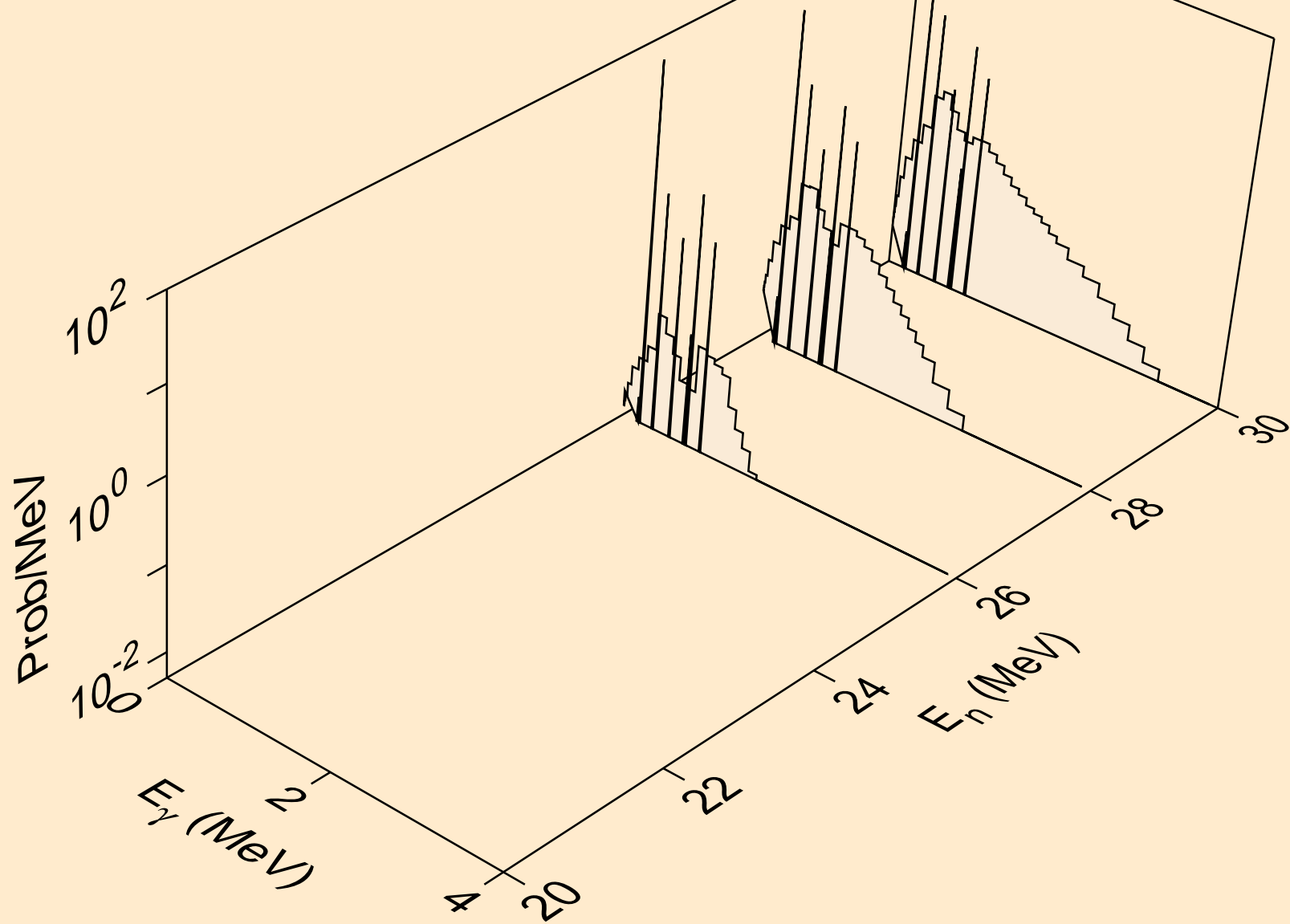
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



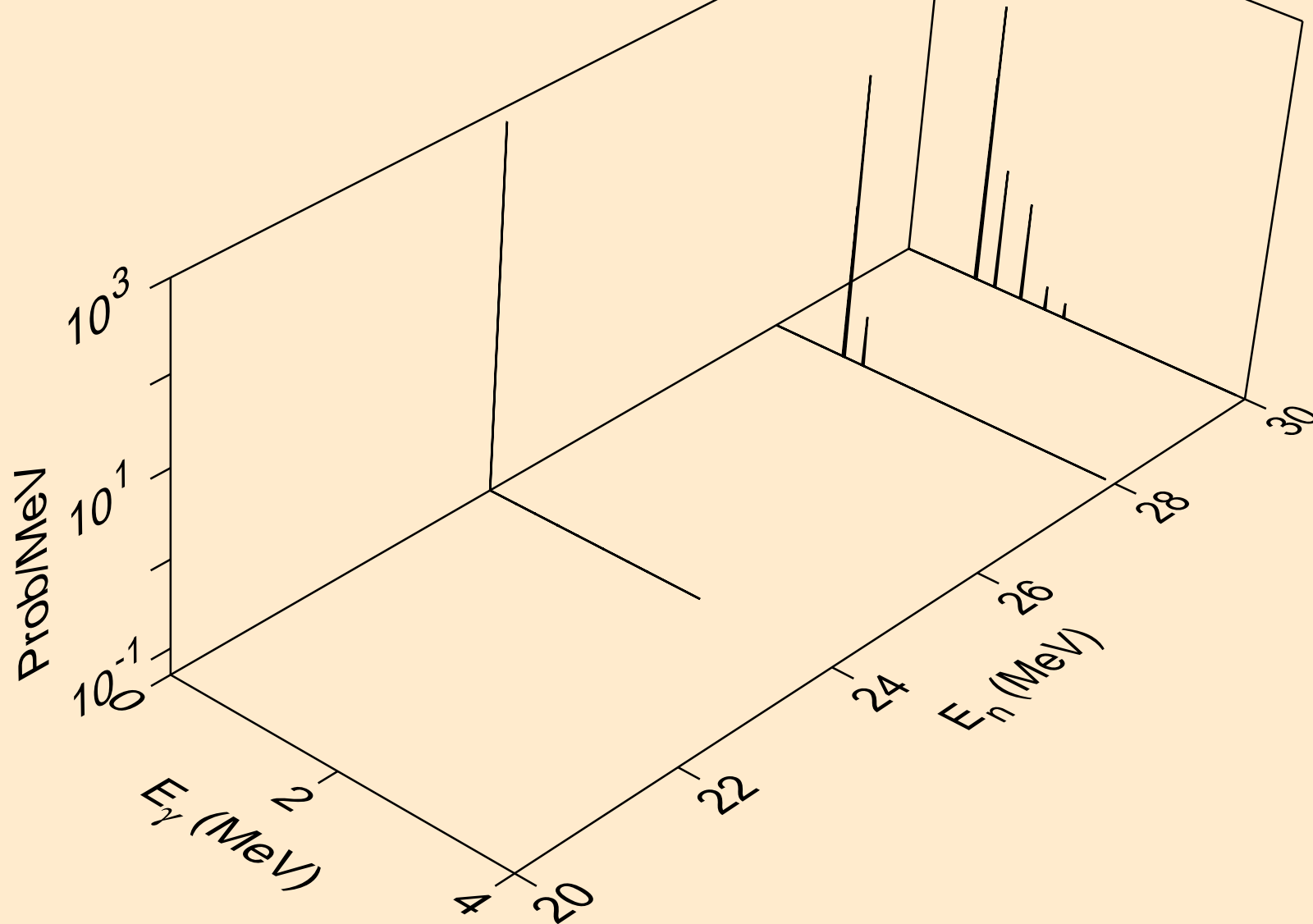
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



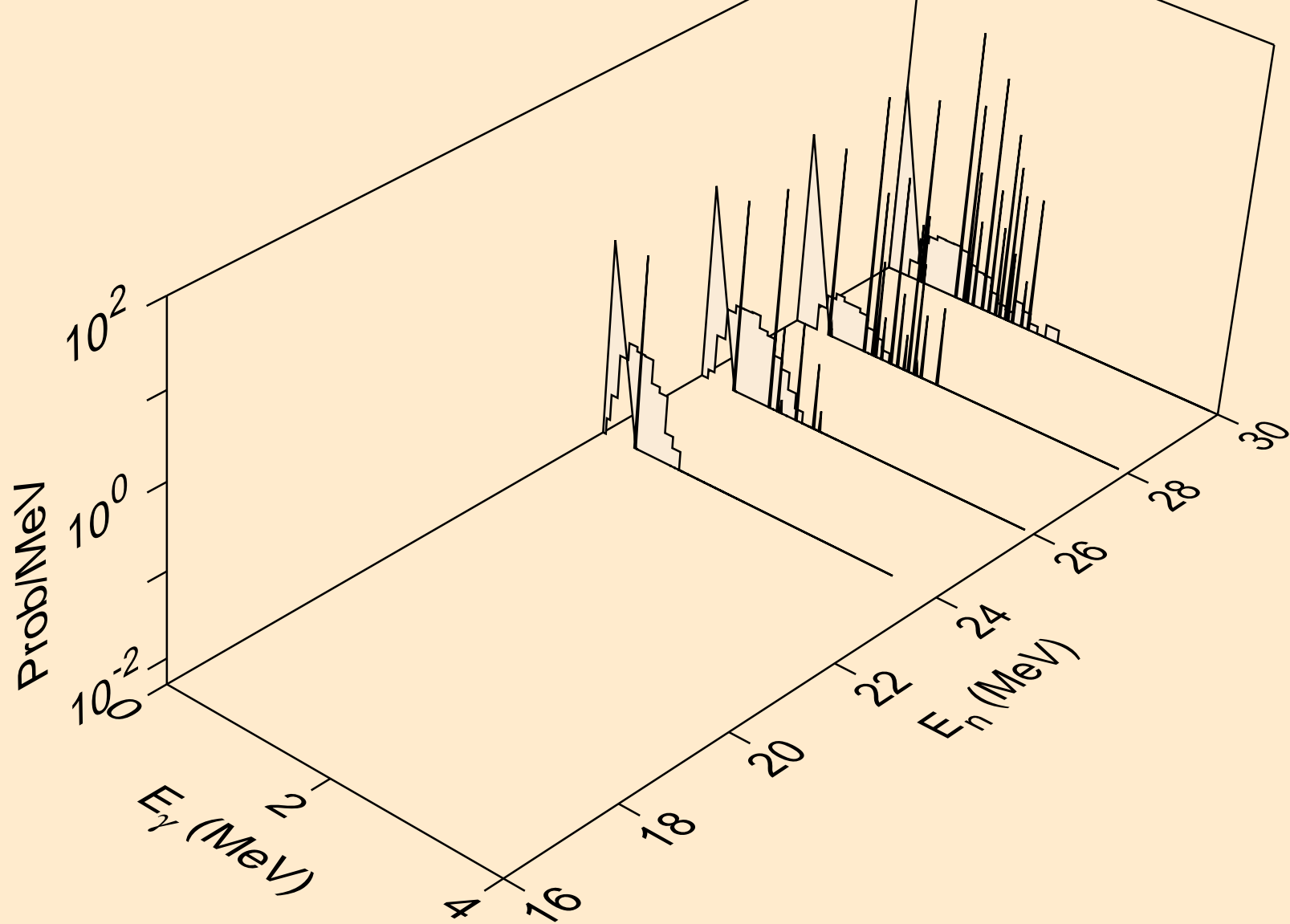
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



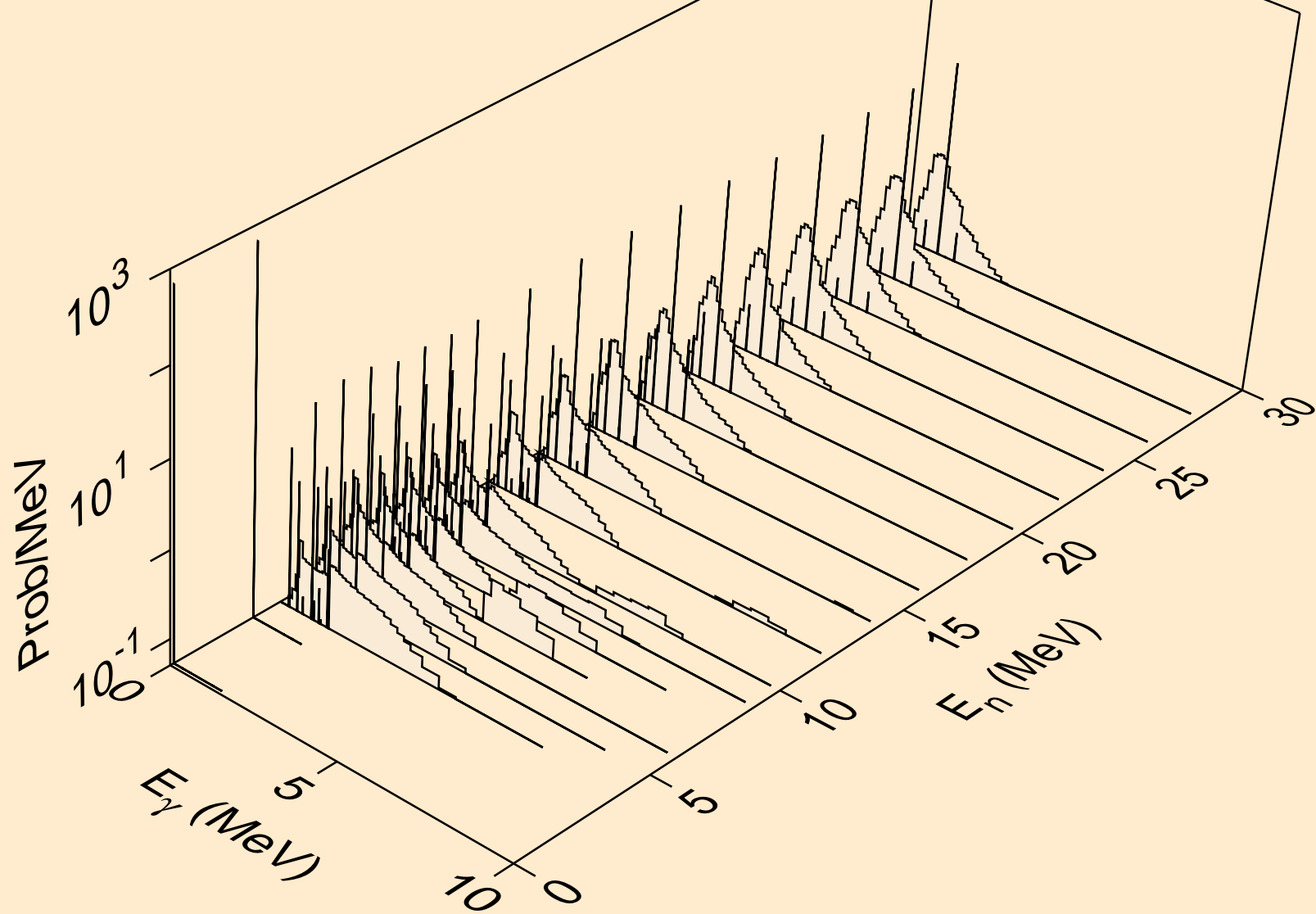
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Photon emission for (n,2np)



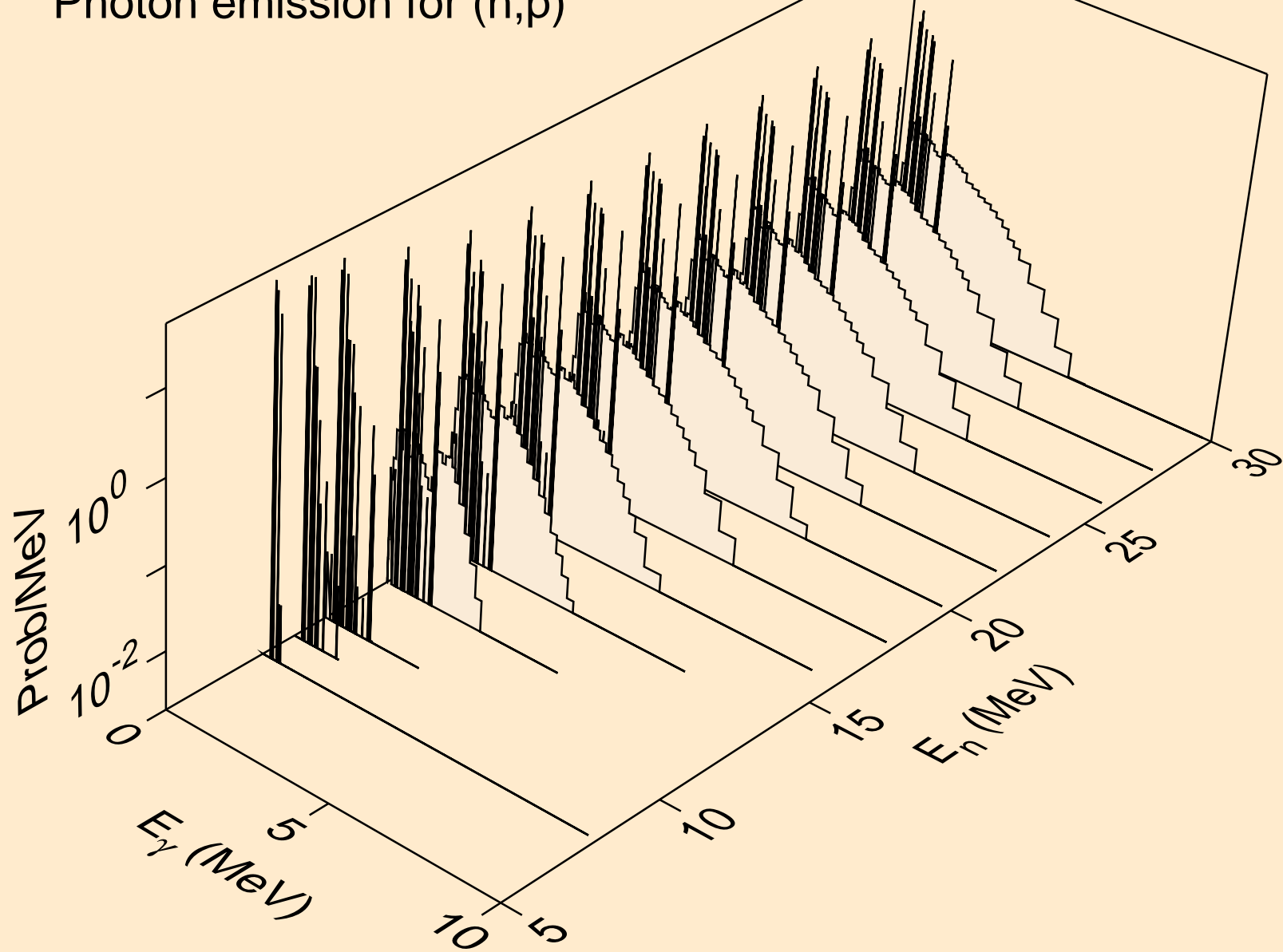
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

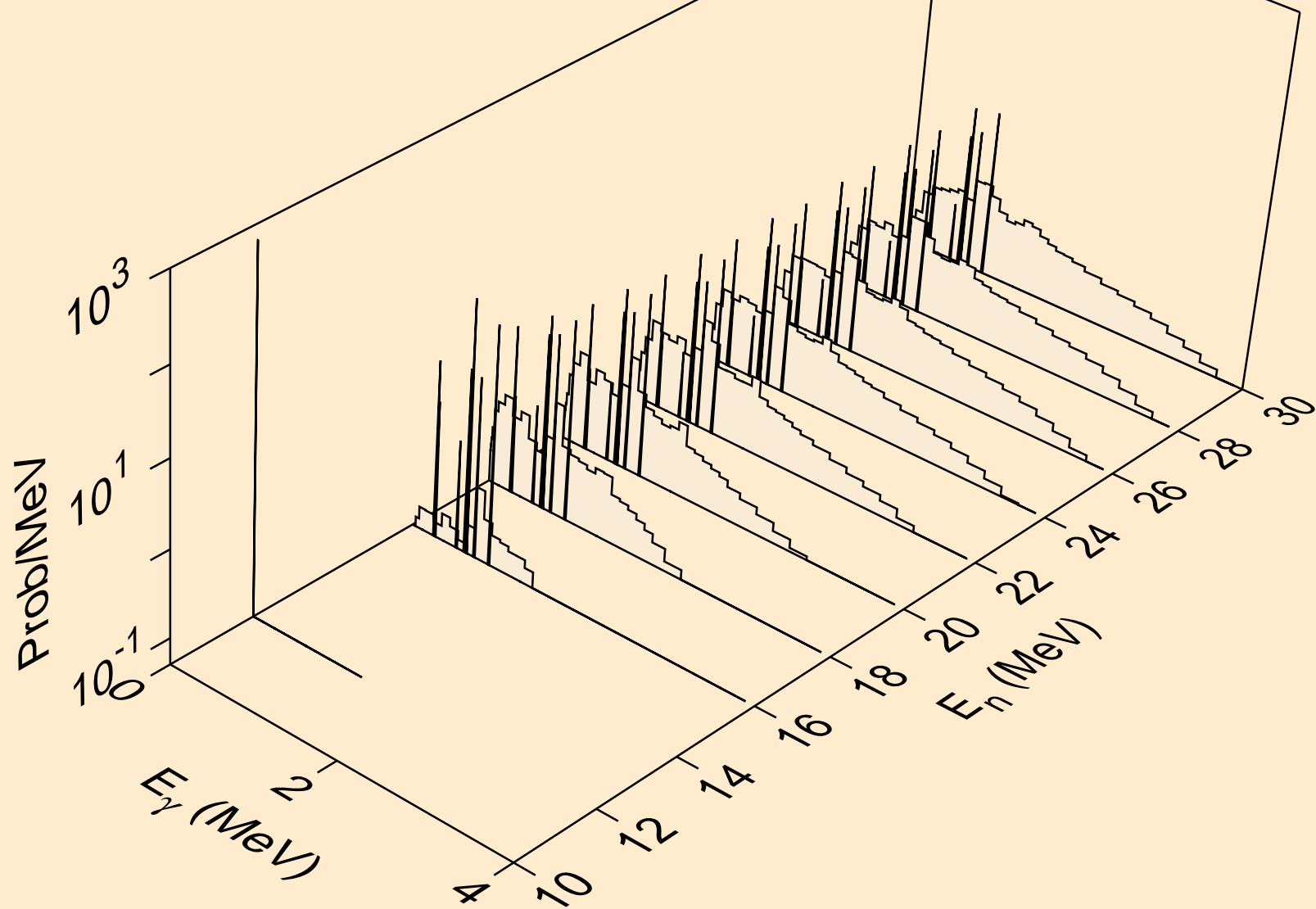


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

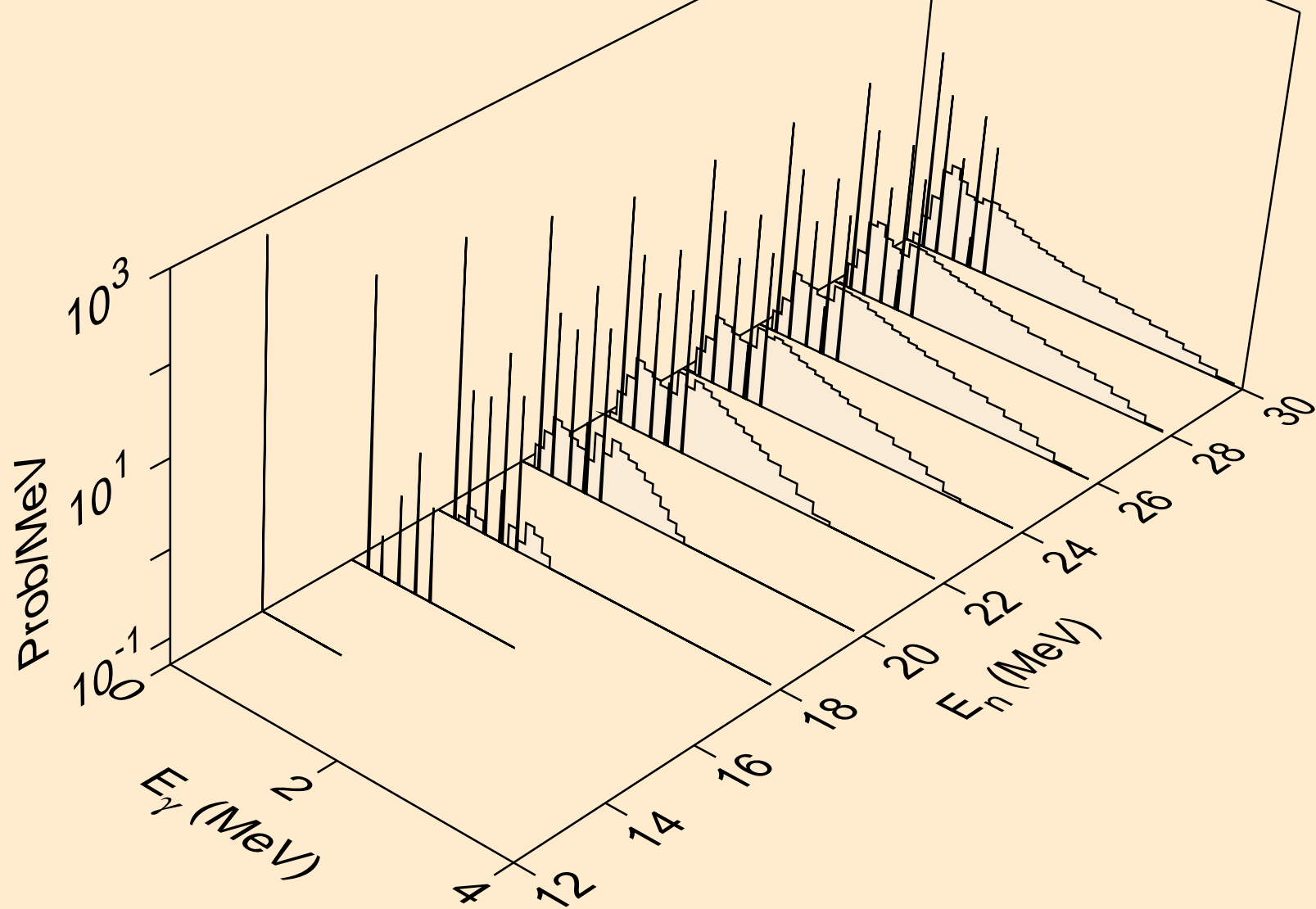




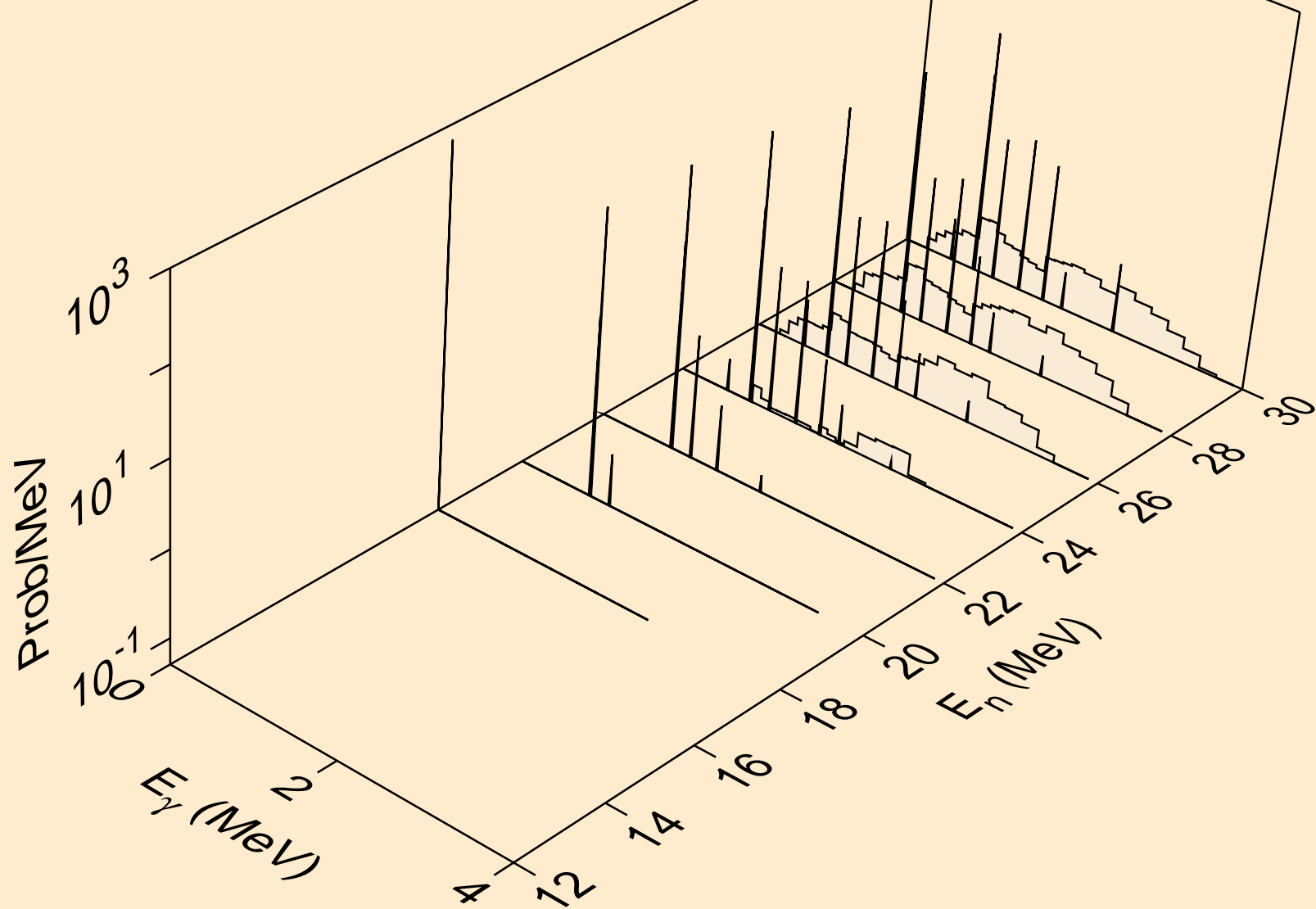
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Photon emission for (n,d)



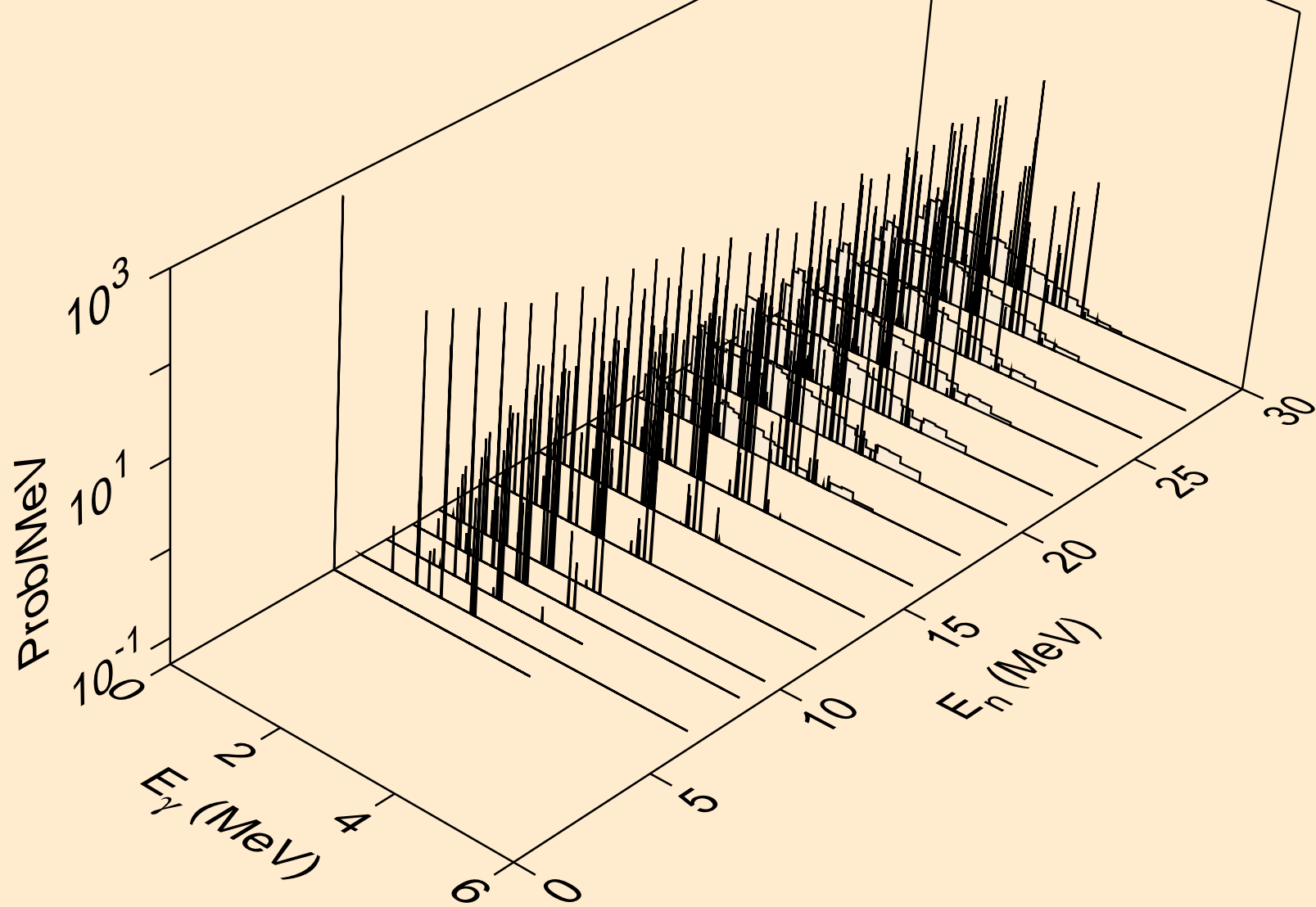
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Photon emission for (n,t)



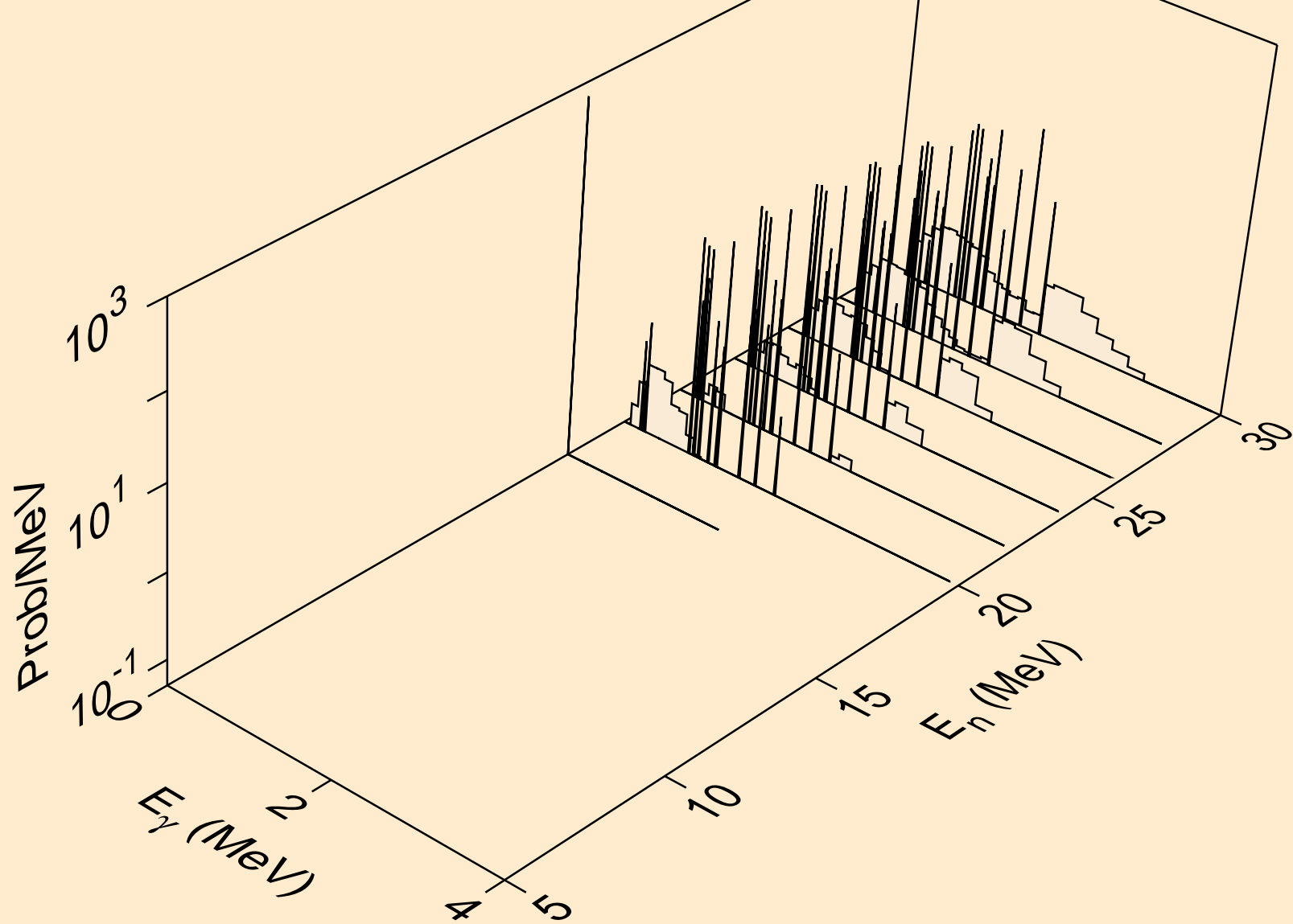
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Photon emission for (n,he3)



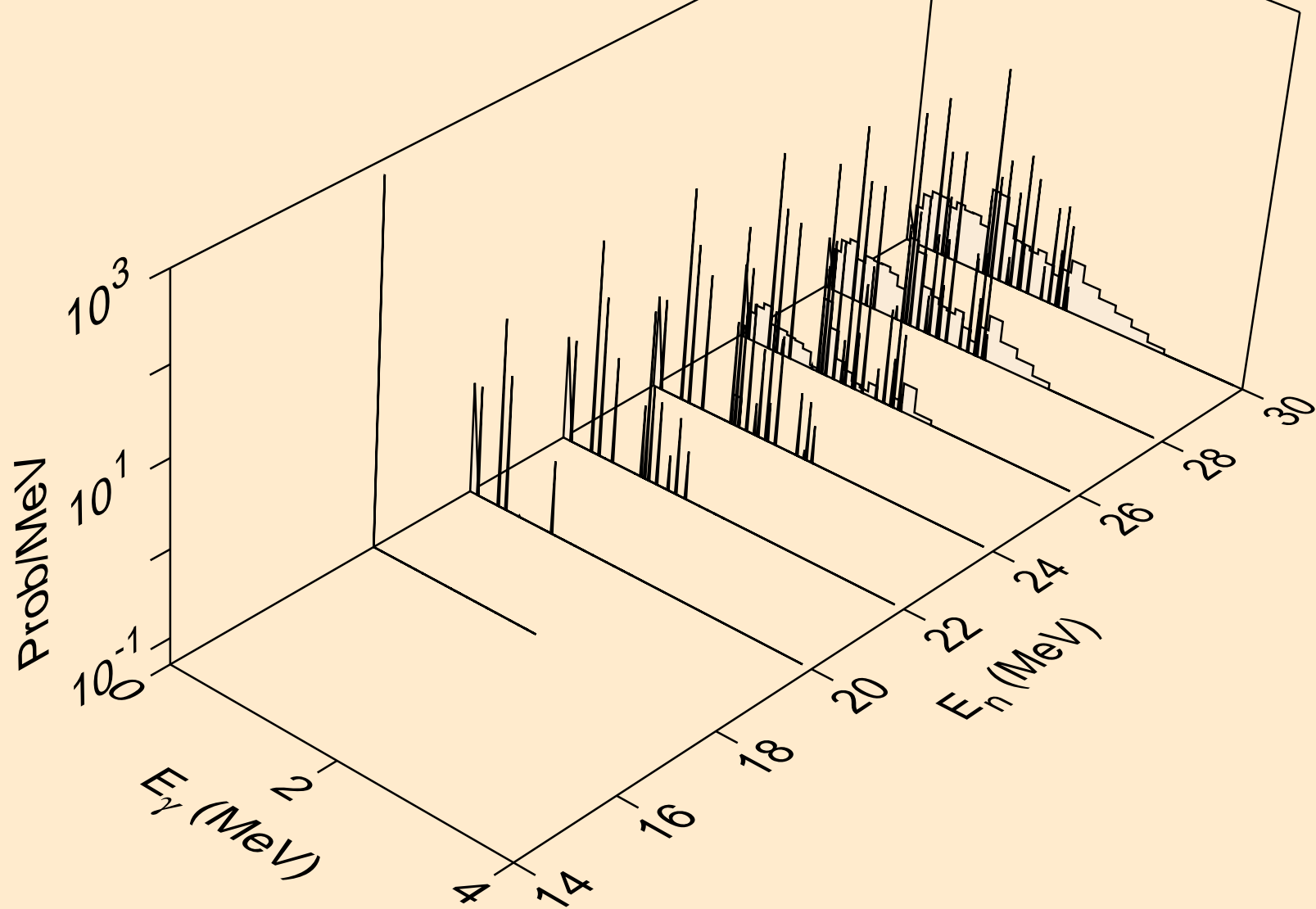
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



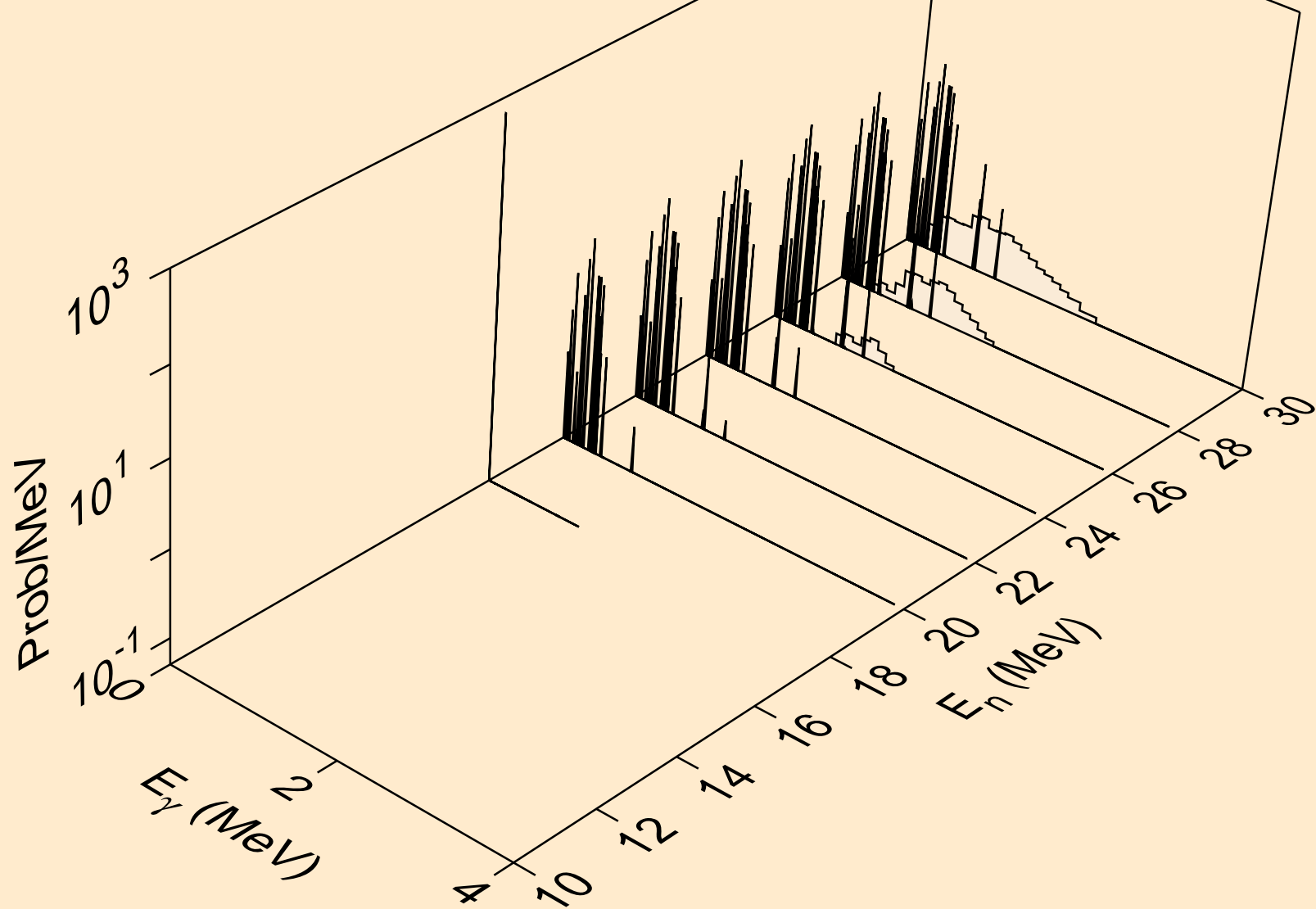
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Photon emission for (n,2a)



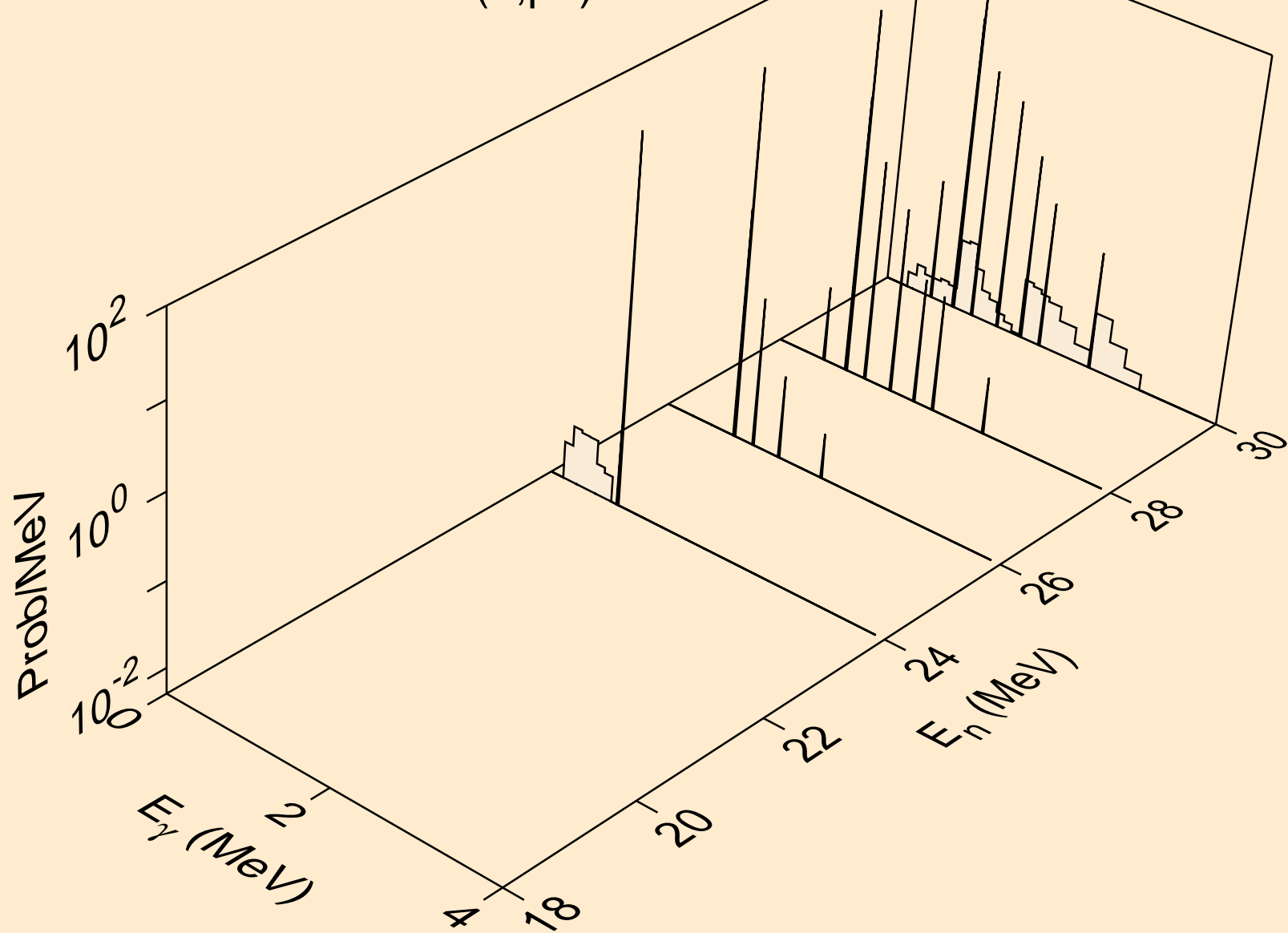
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

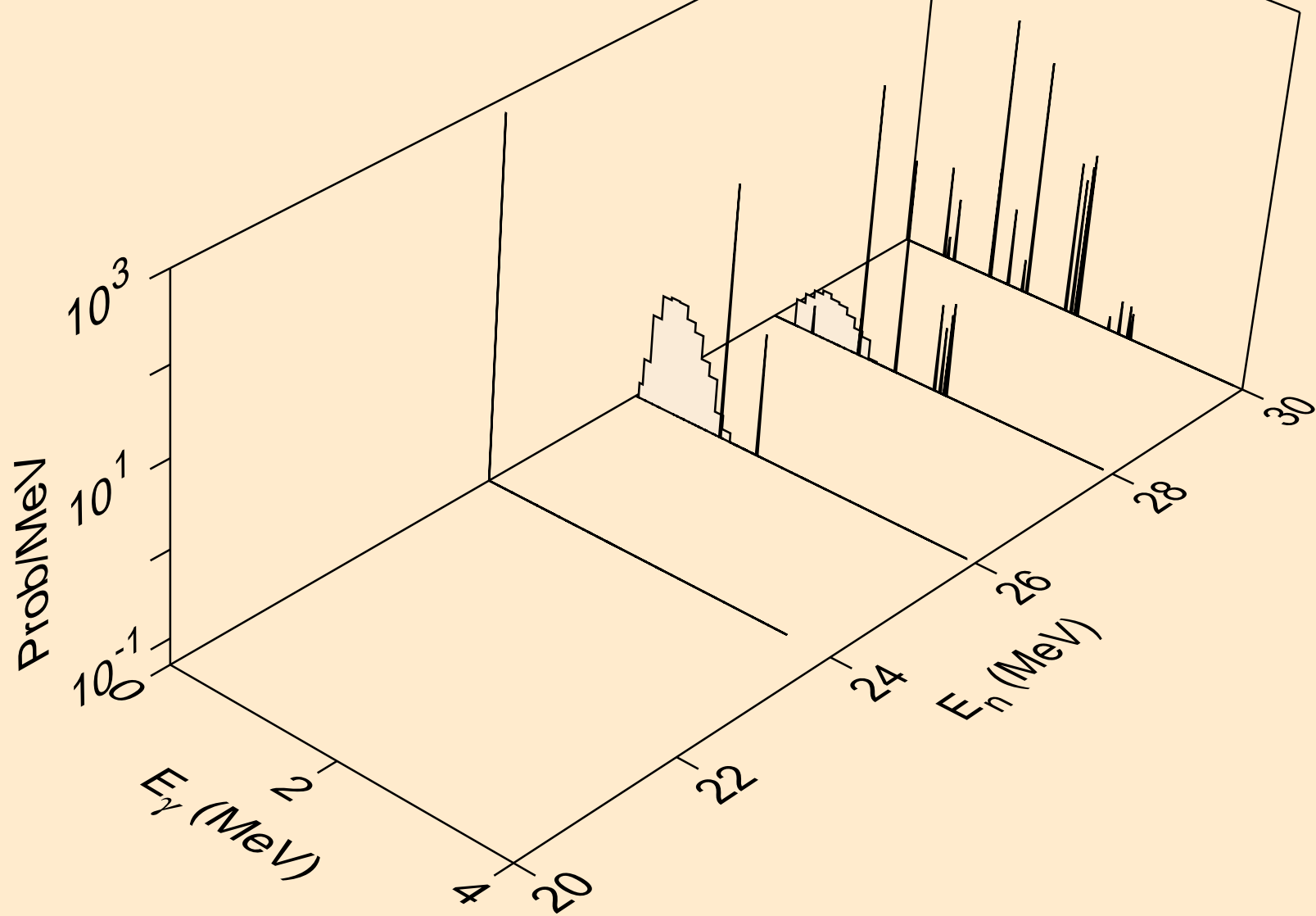


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Photon emission for (n,pd)

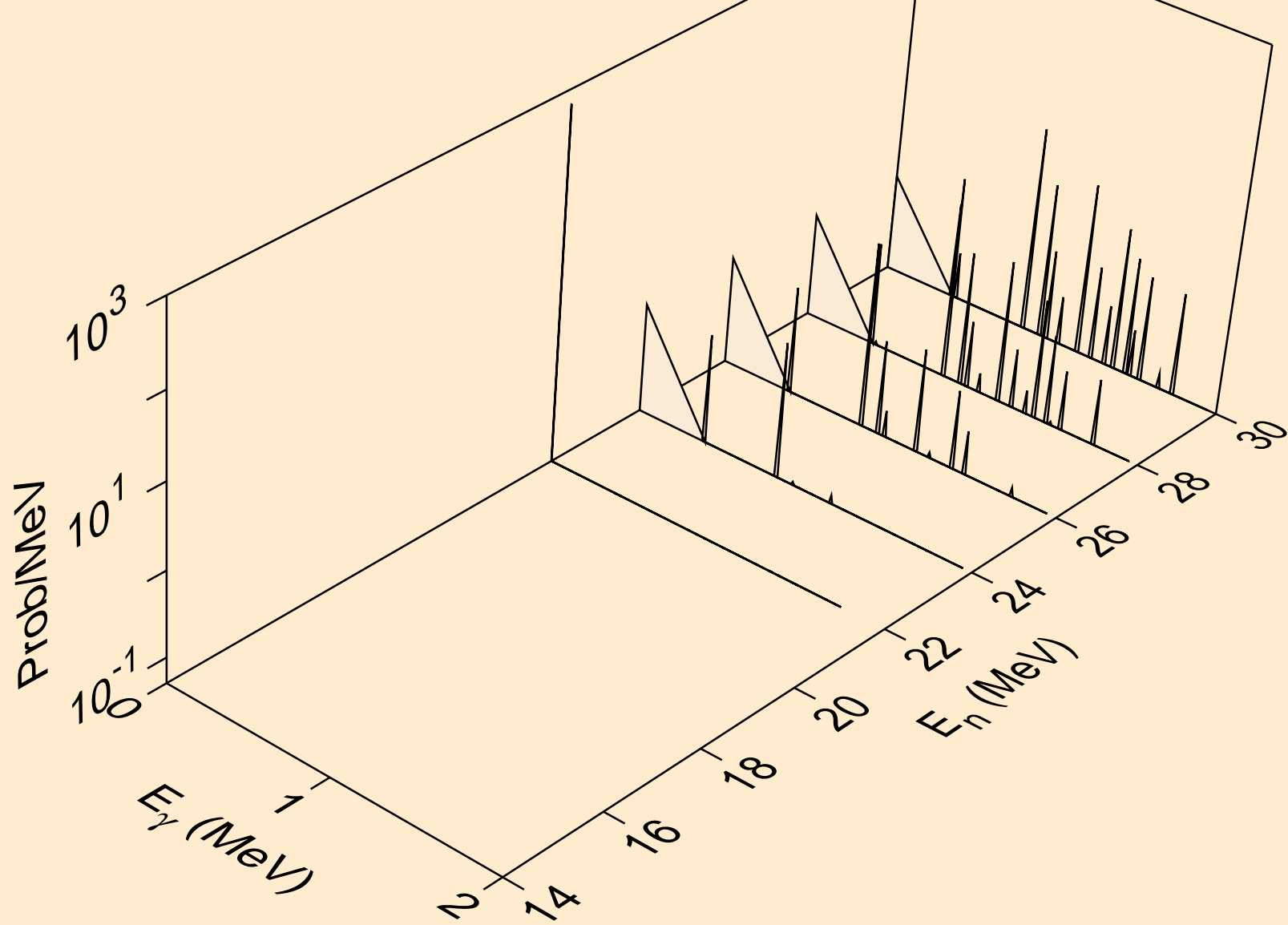




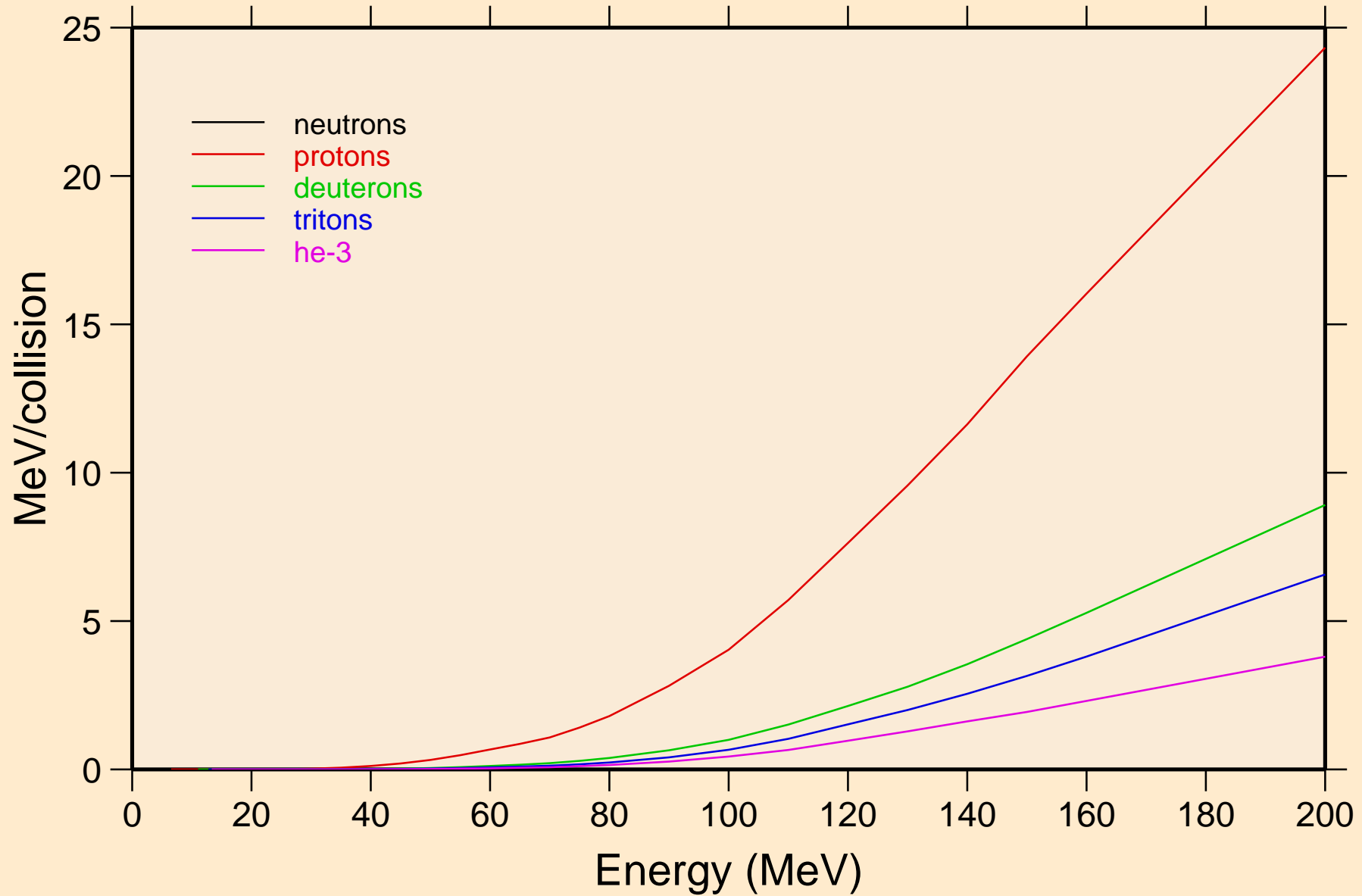
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Photon emission for (n,pt)



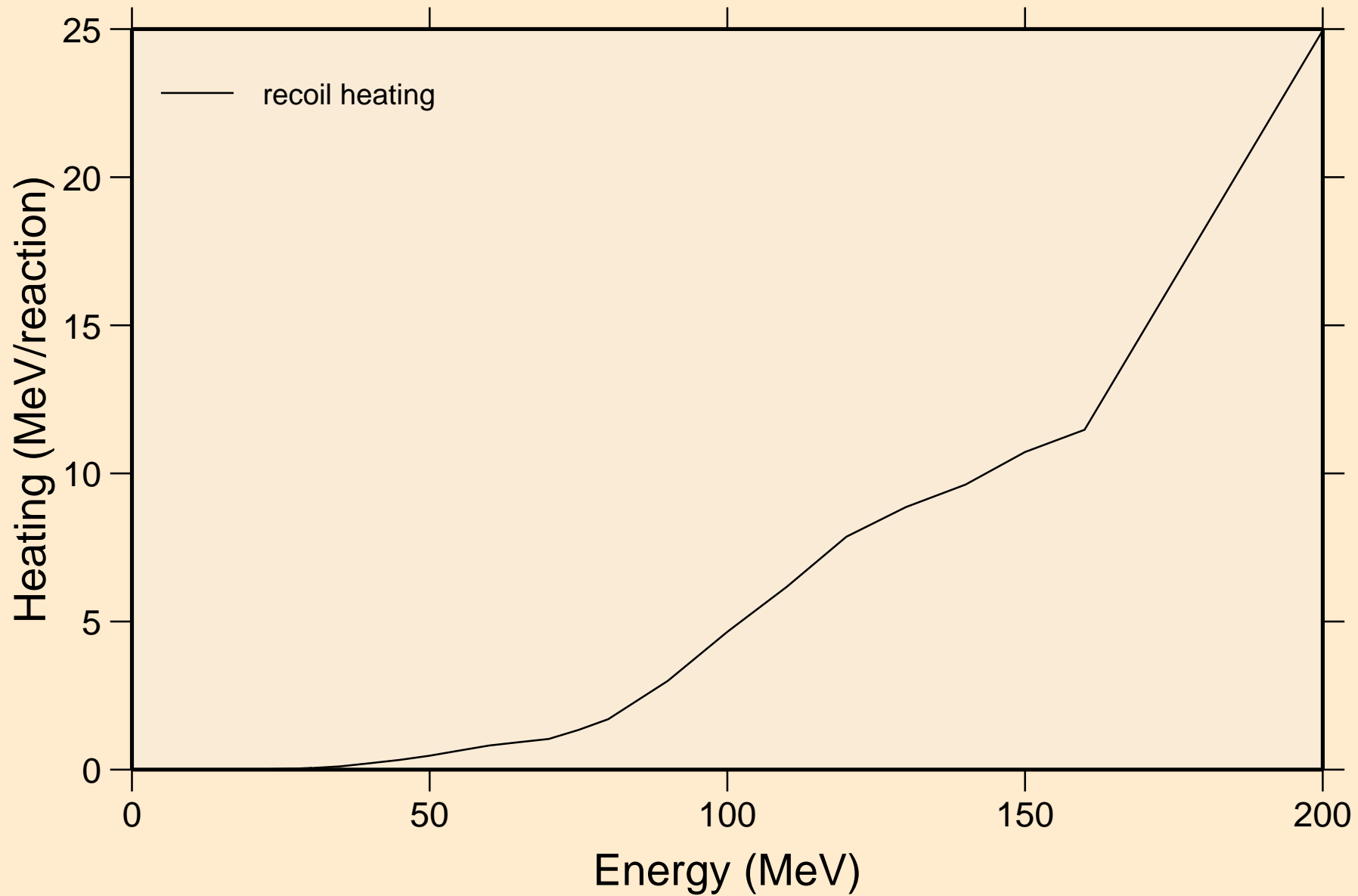
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Photon emission for (n,da)



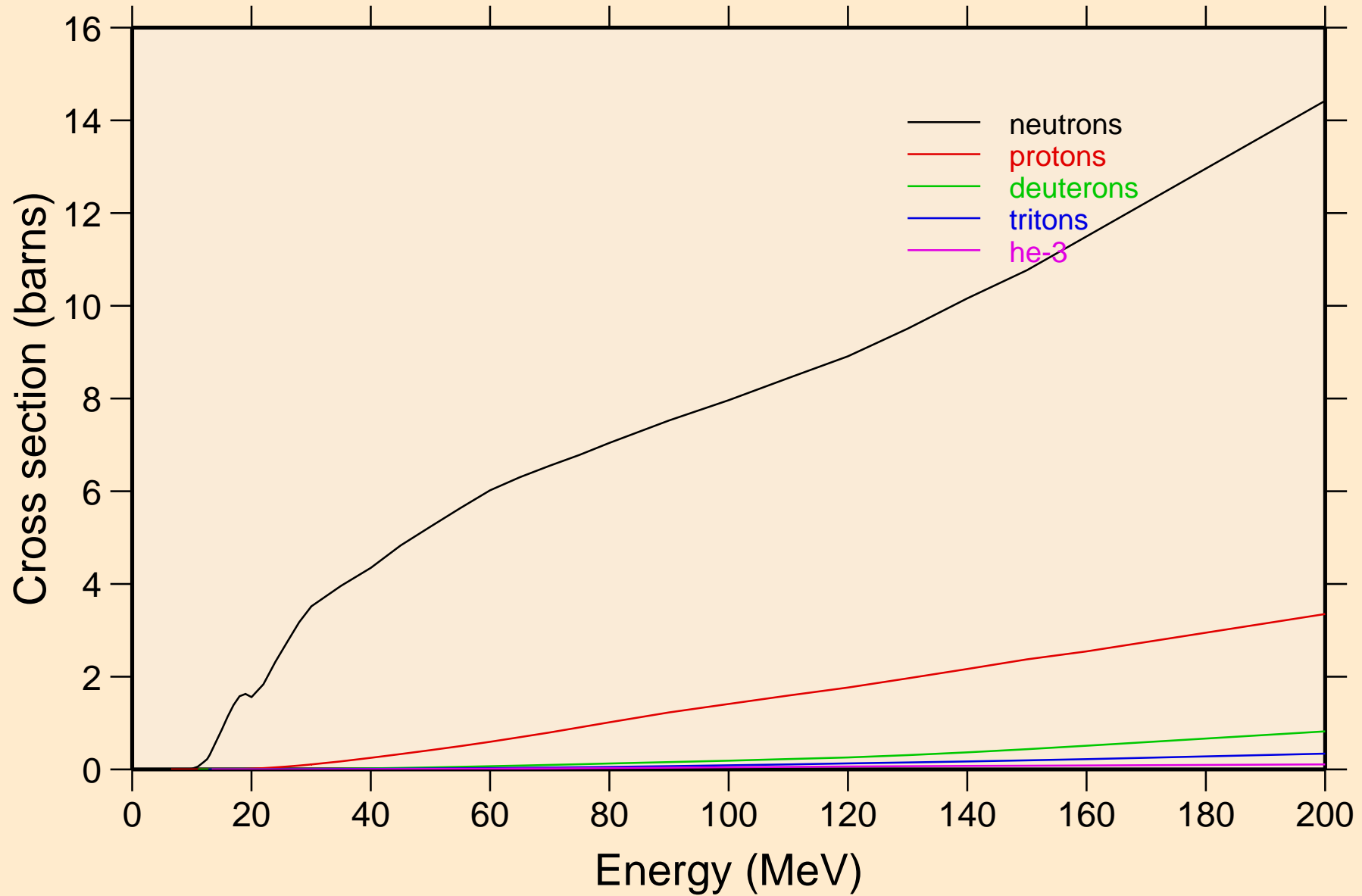
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Particle heating contributions



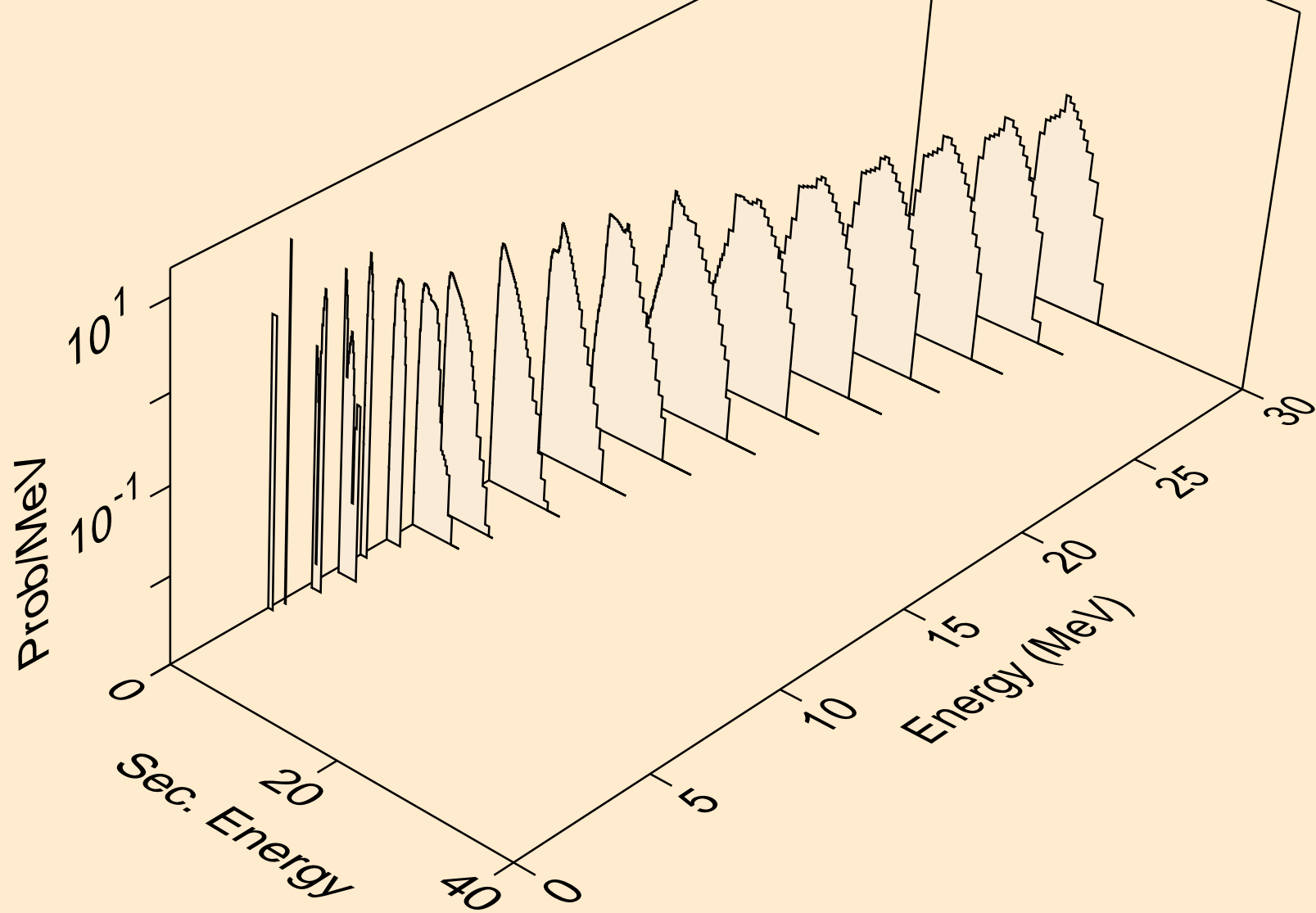
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



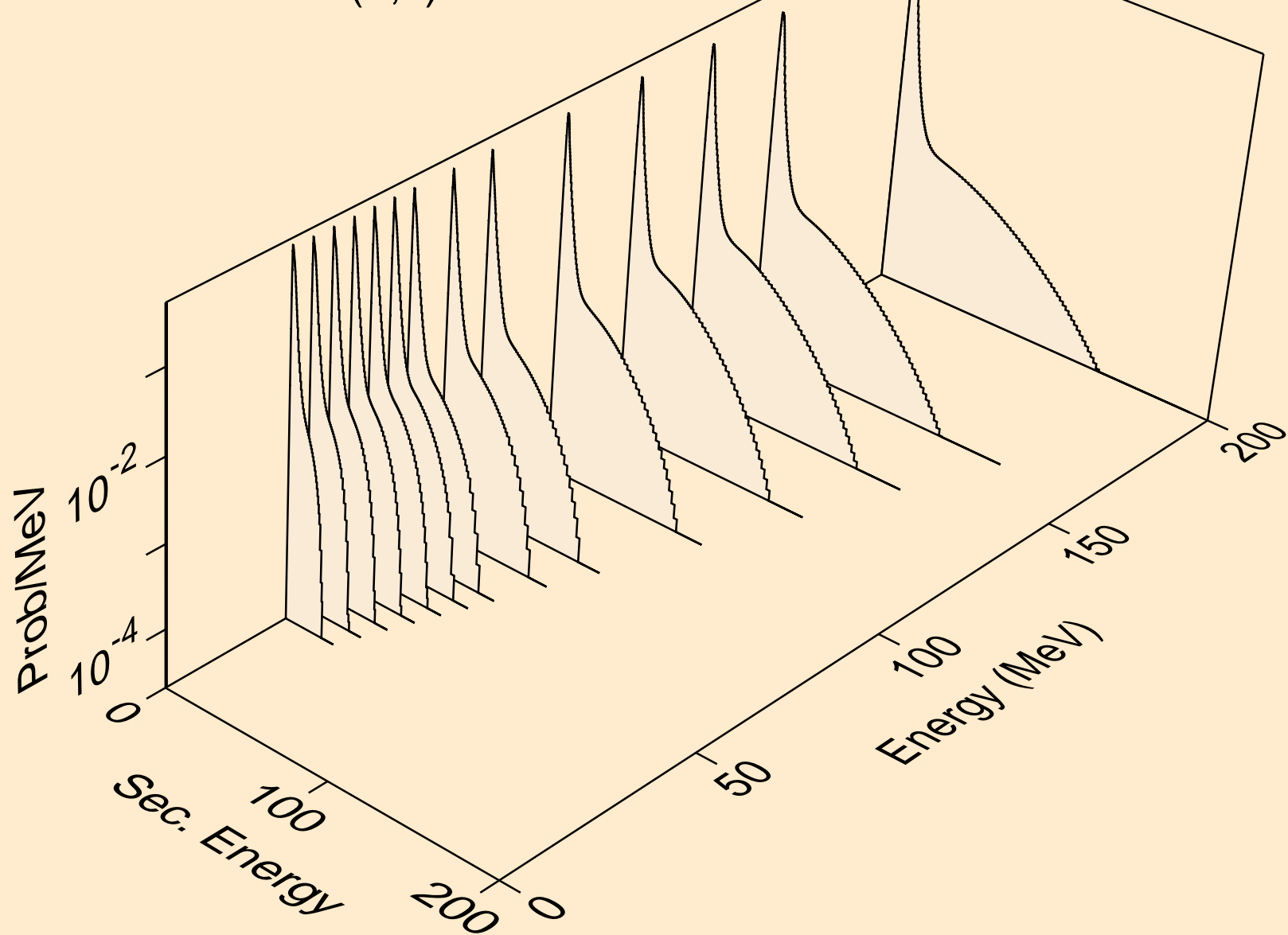
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



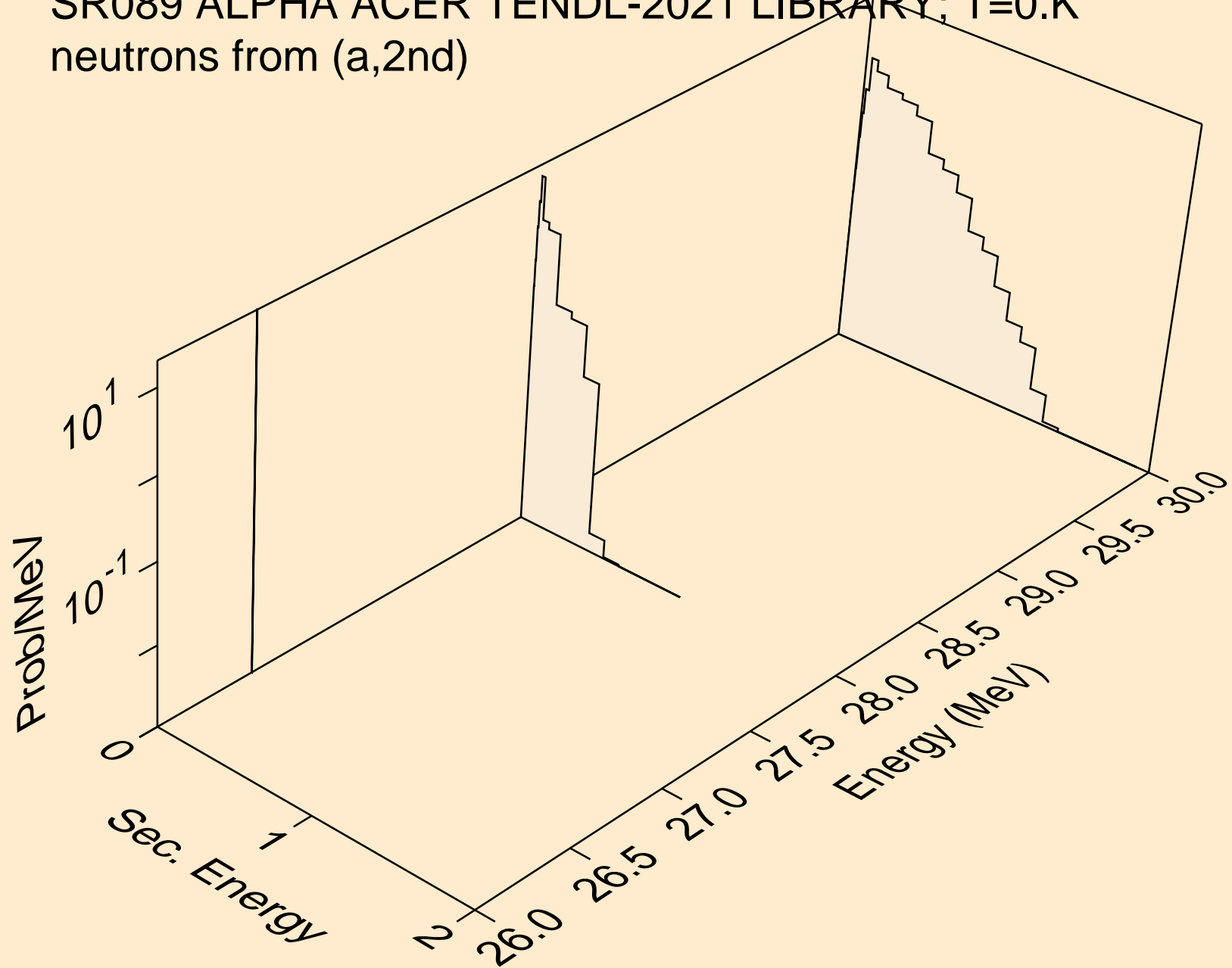
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

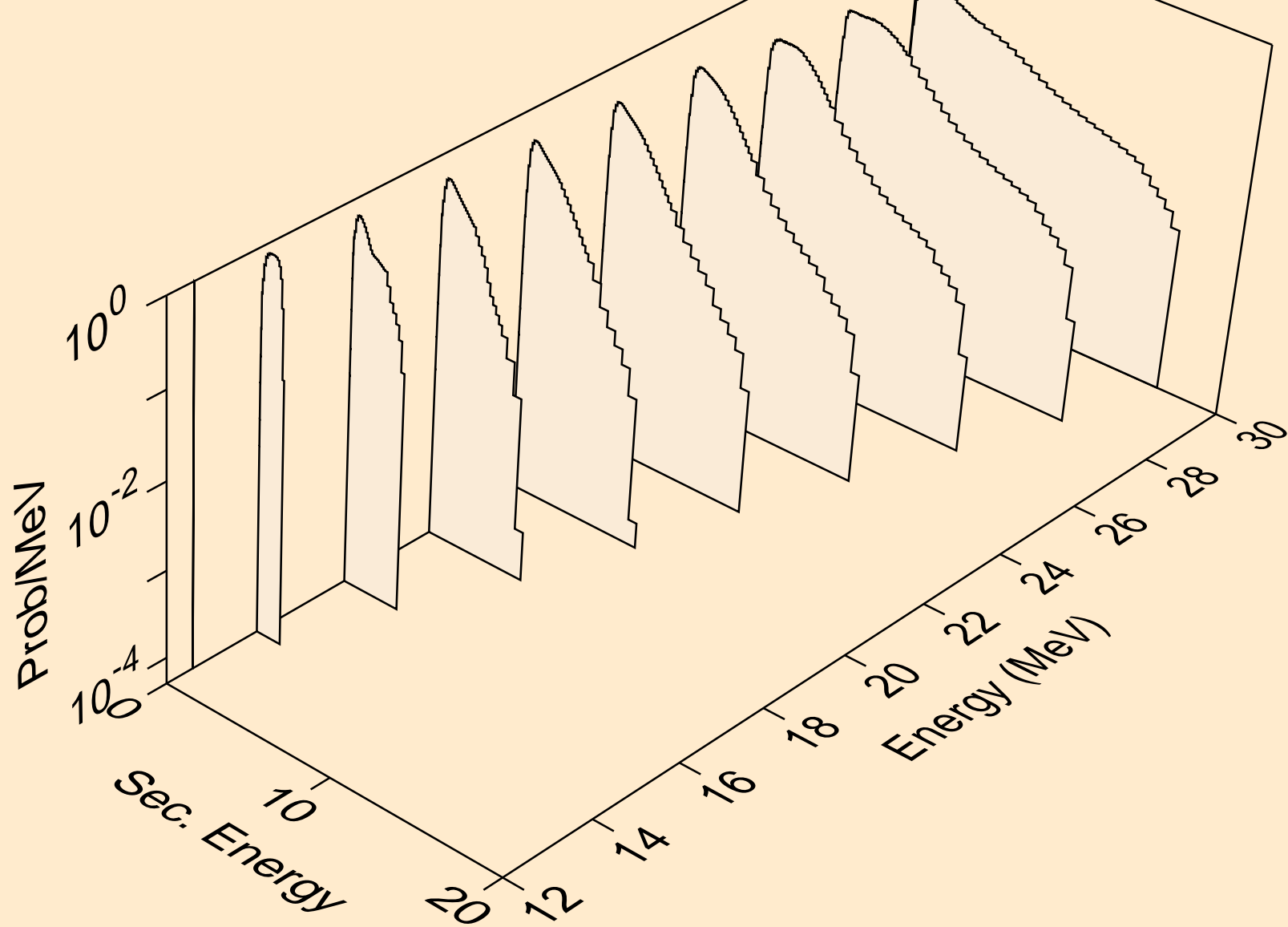


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)

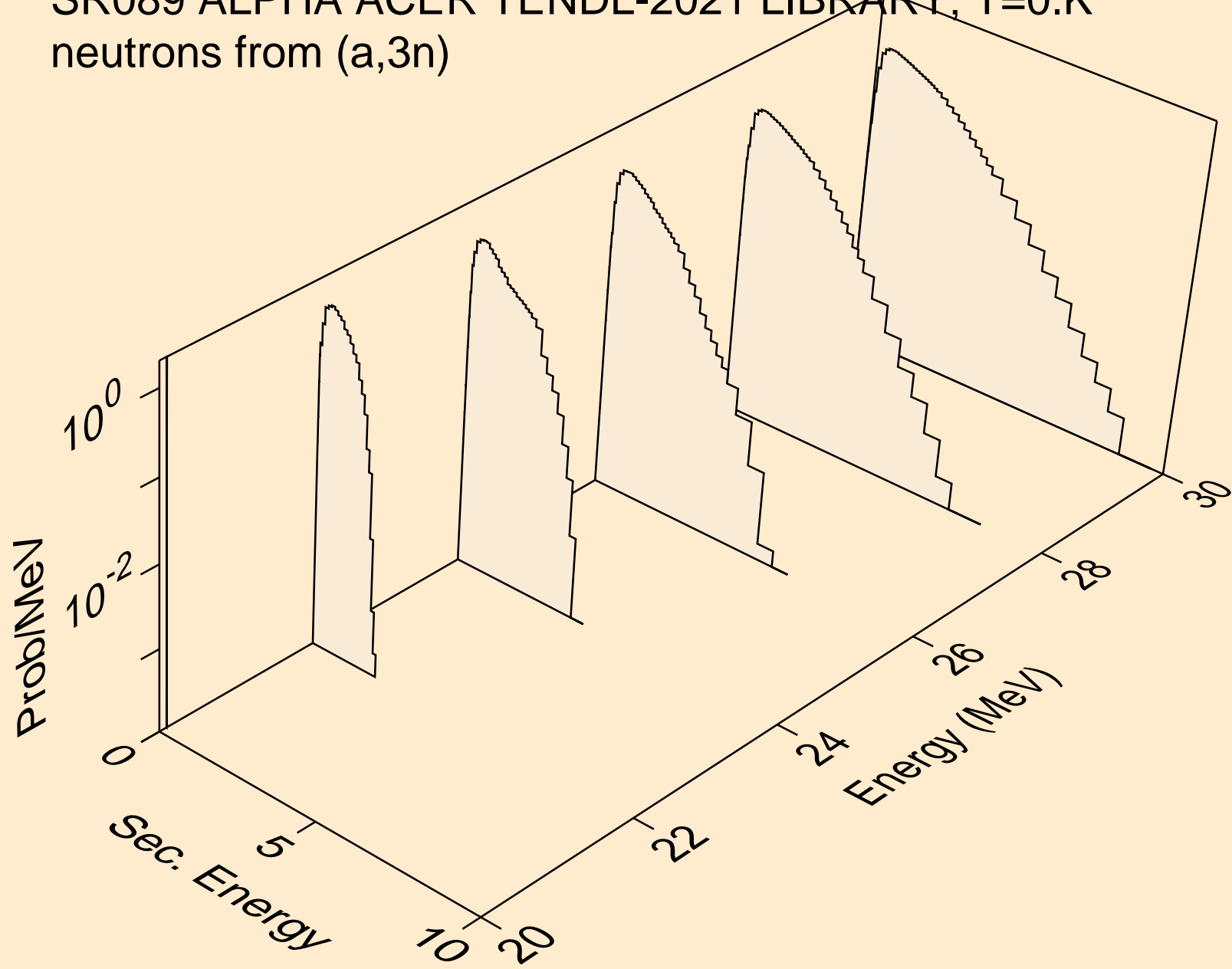




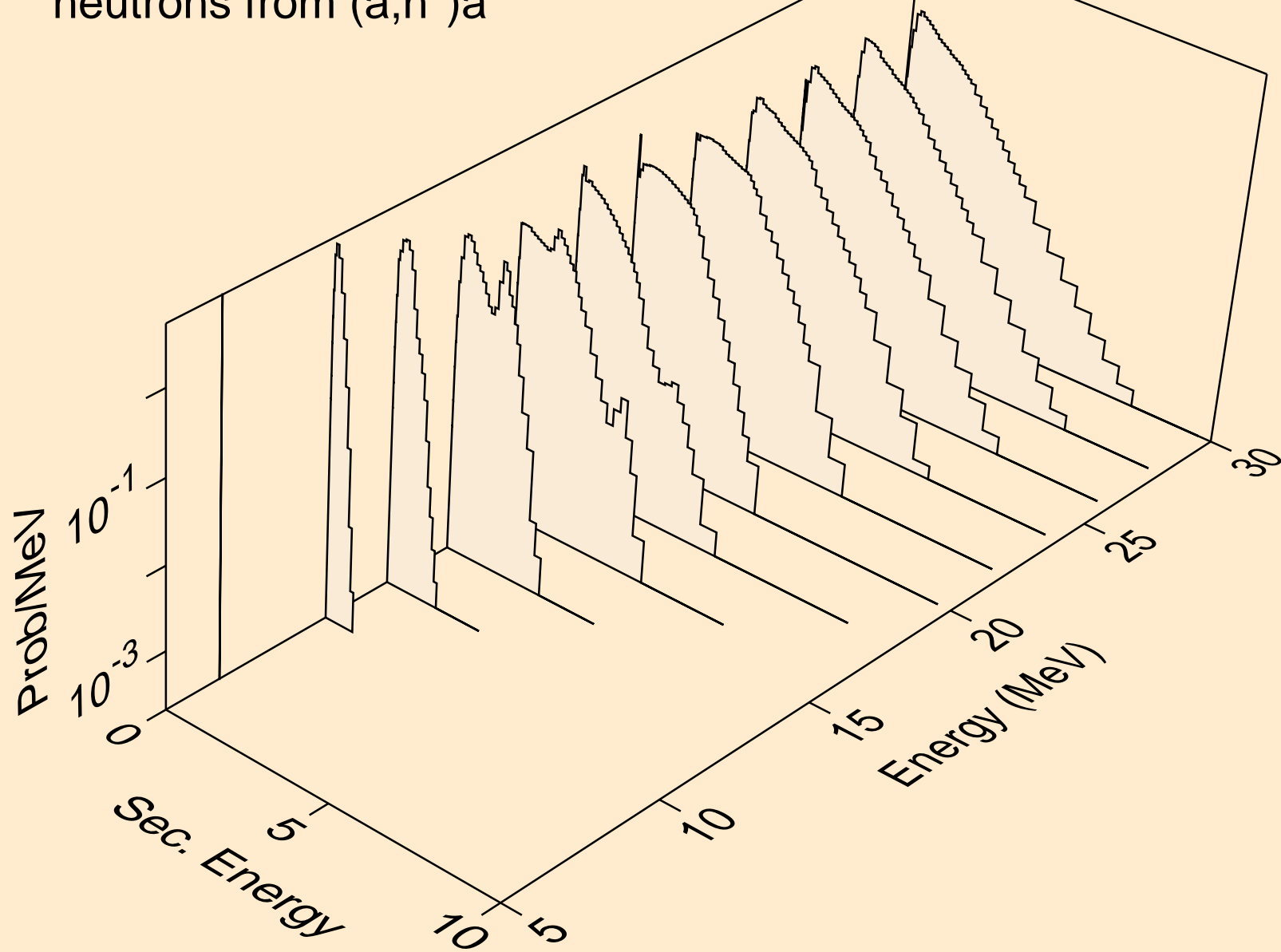
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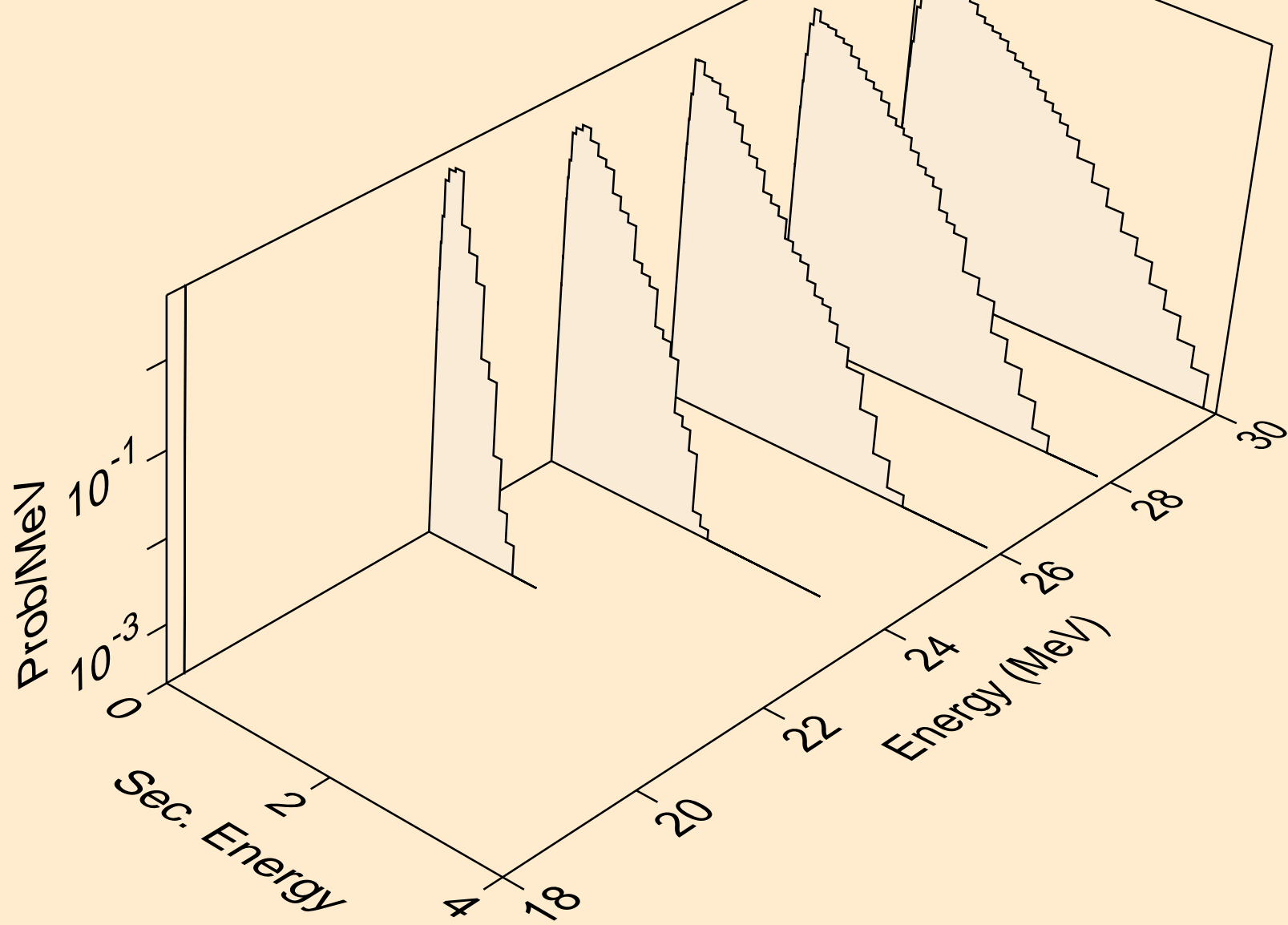
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neutrons from (a,3n)



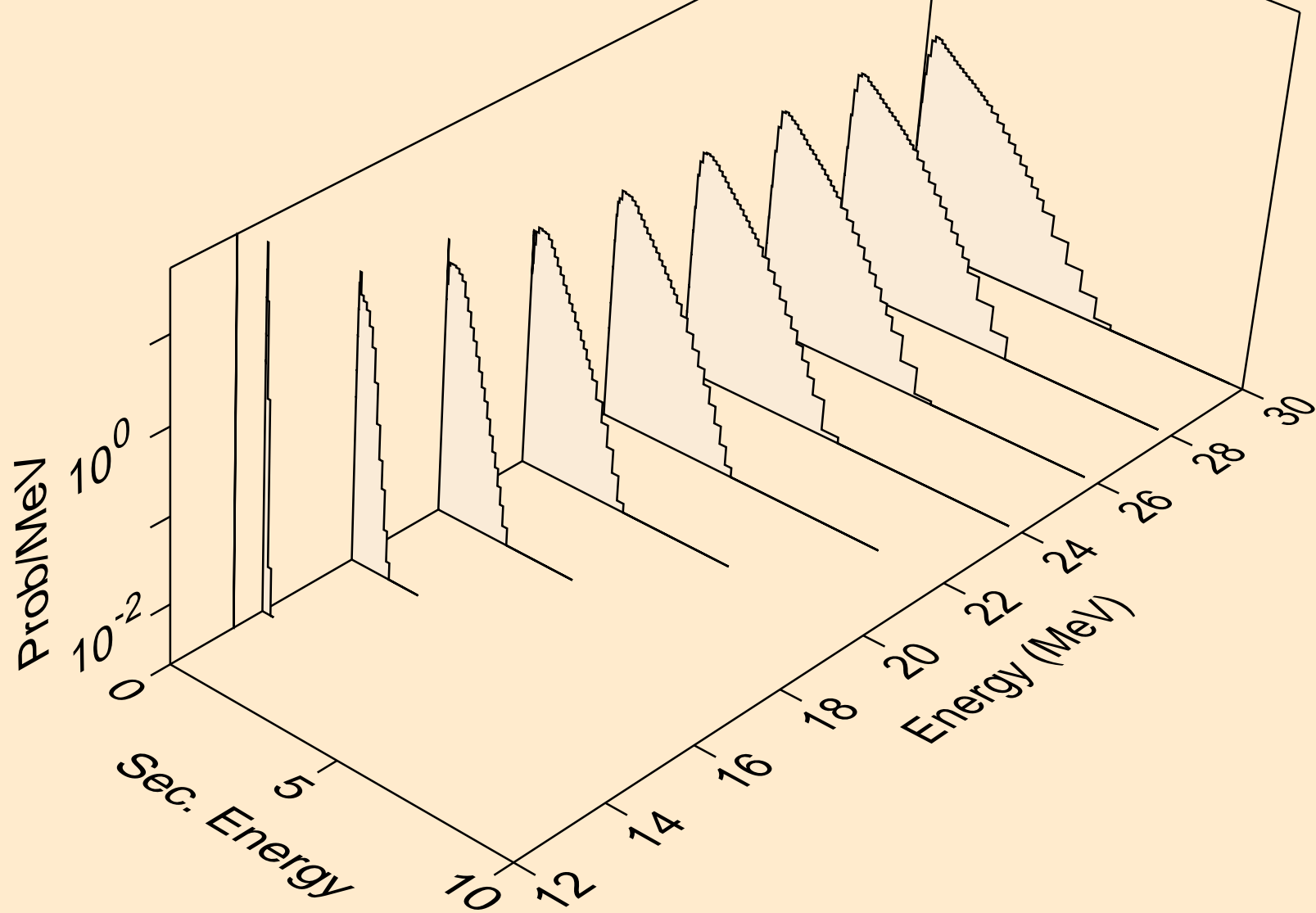
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



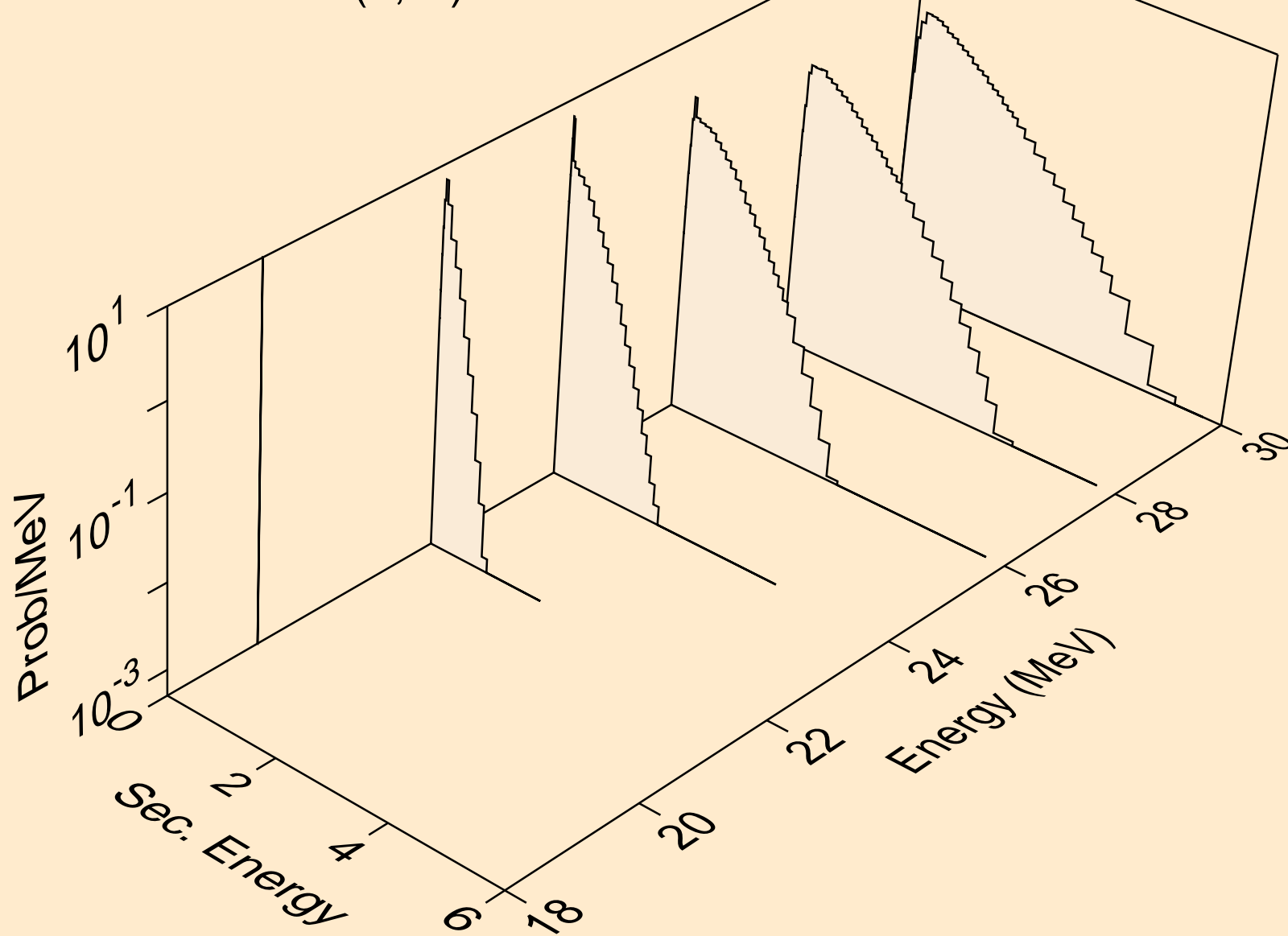
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neutrons from (a,2n)a



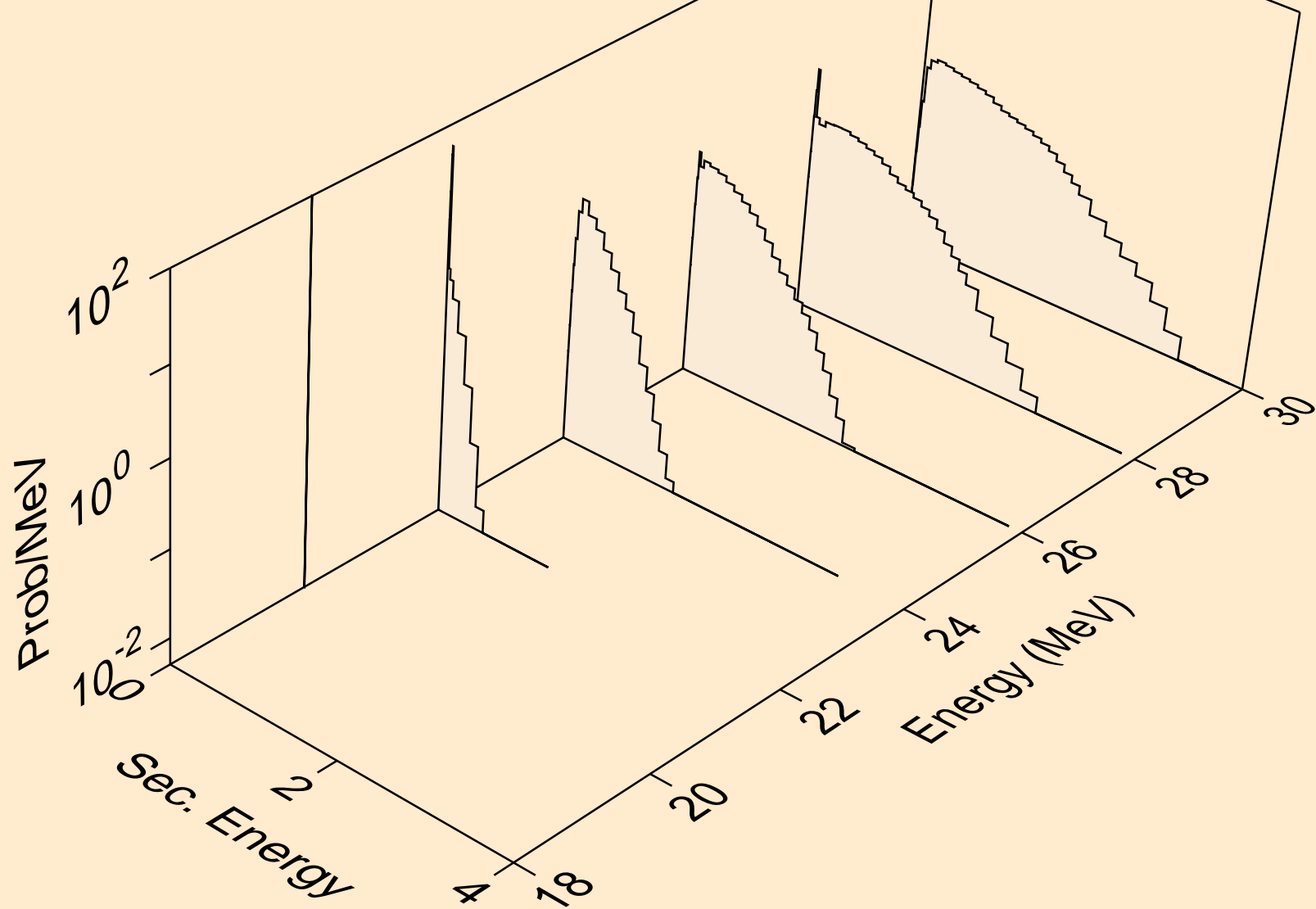
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



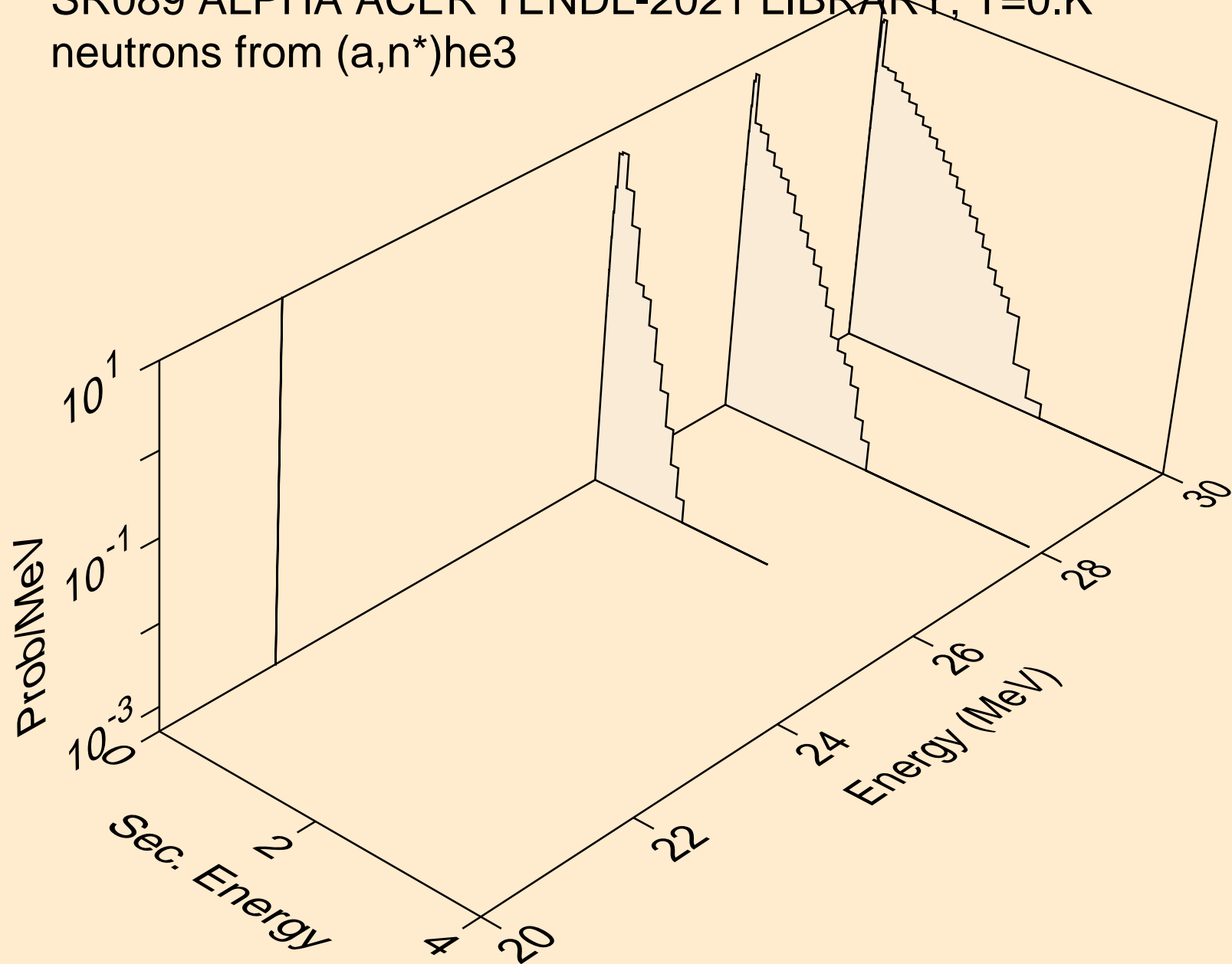
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

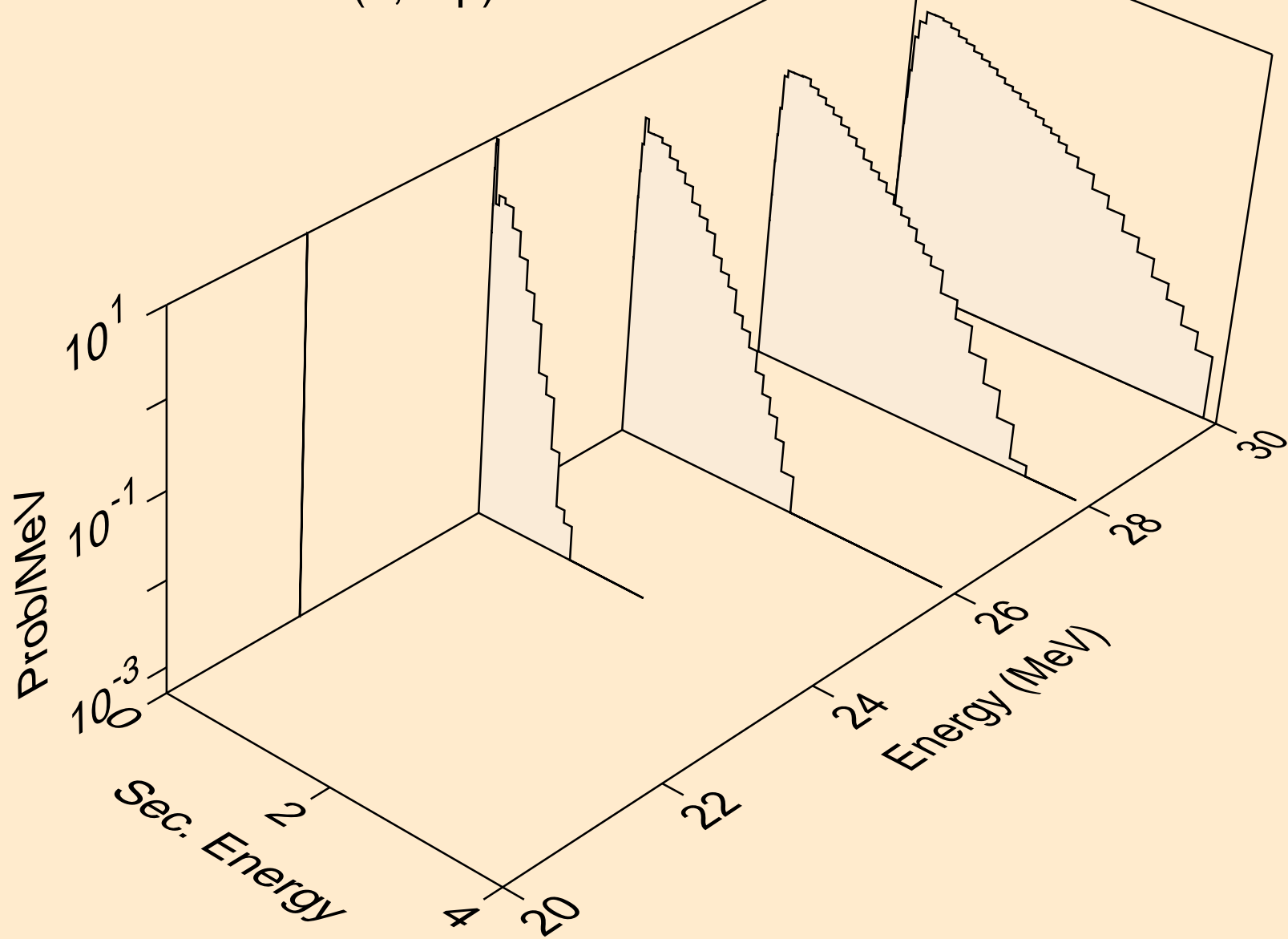


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

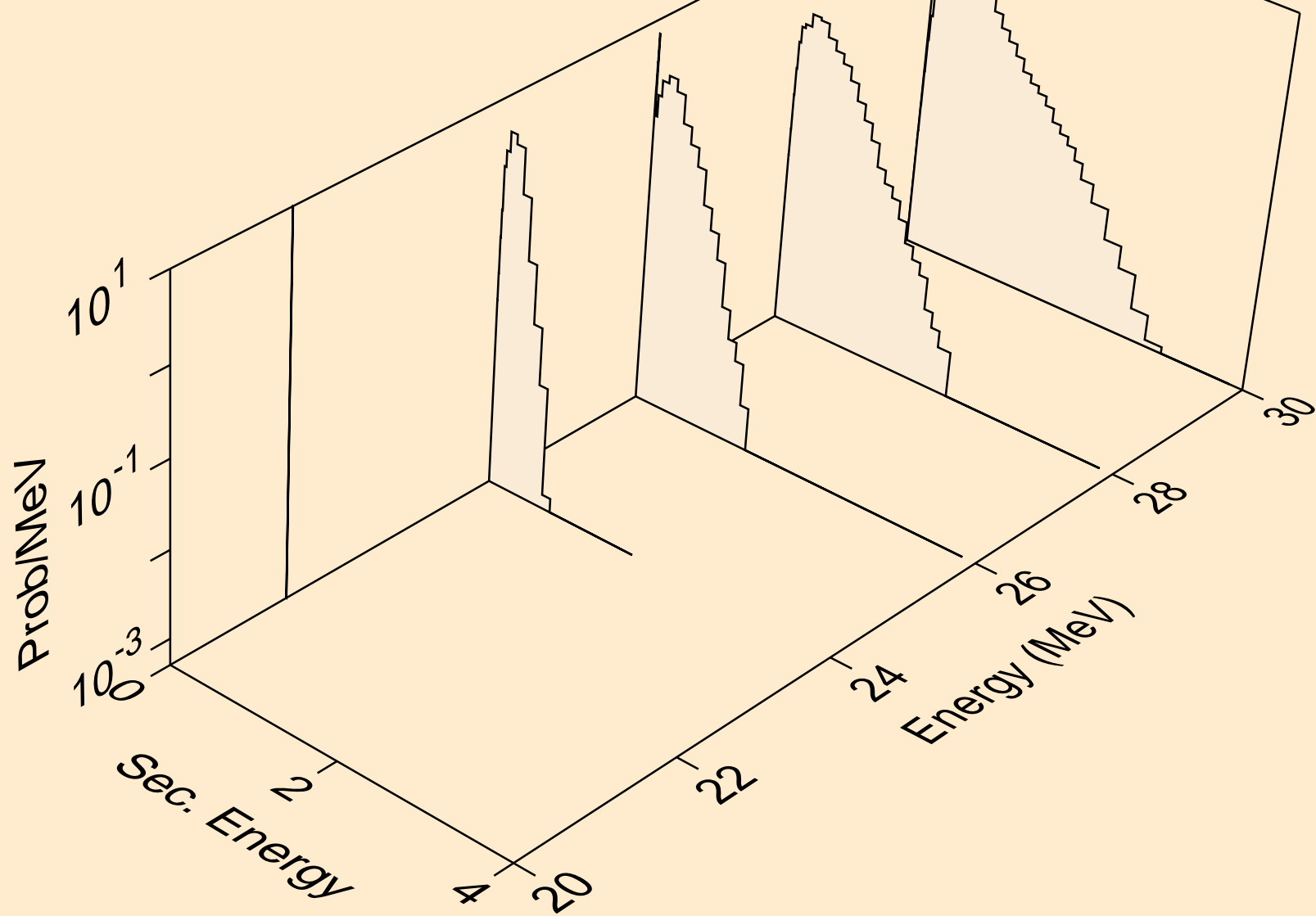




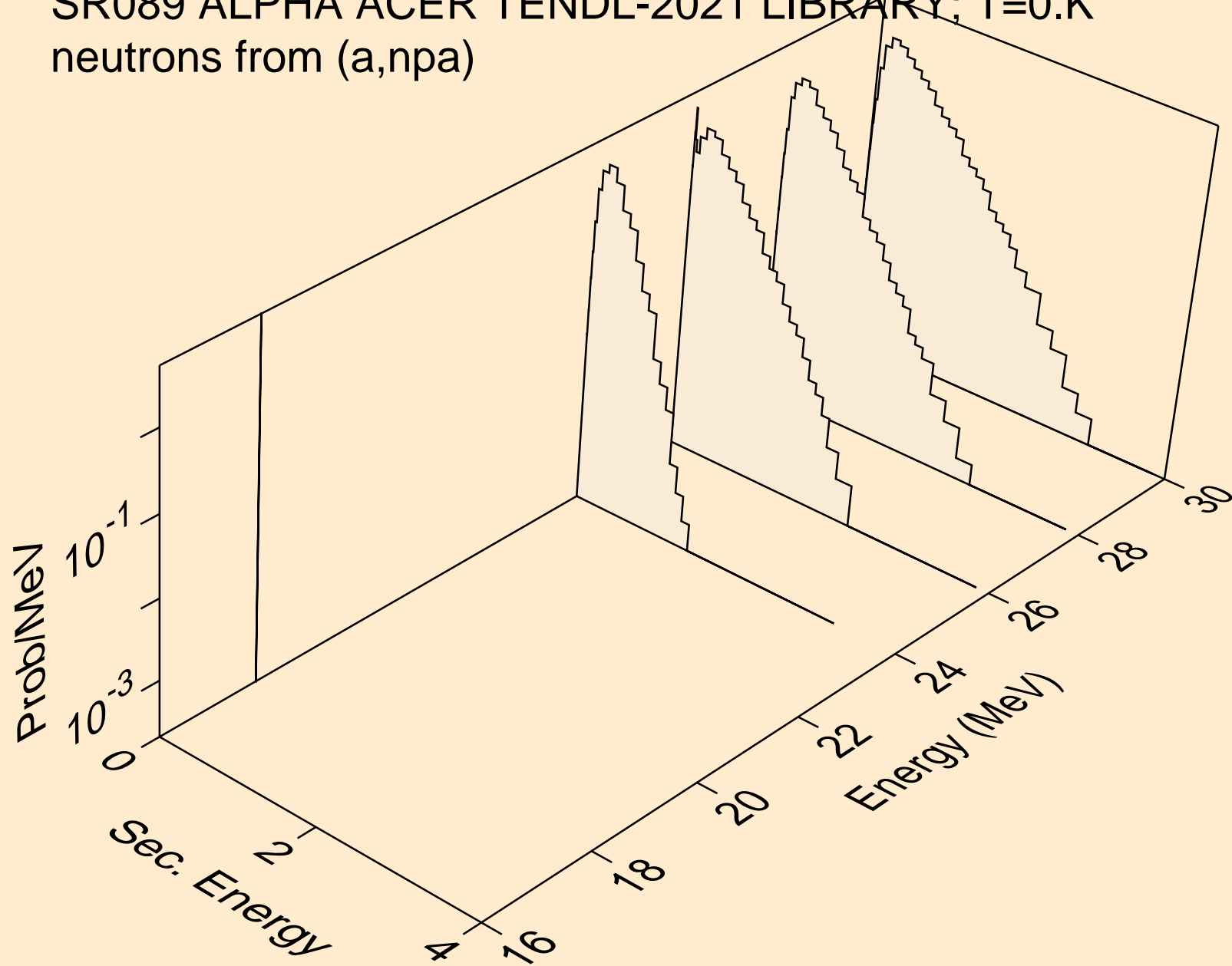
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neutrons from (a,2np)



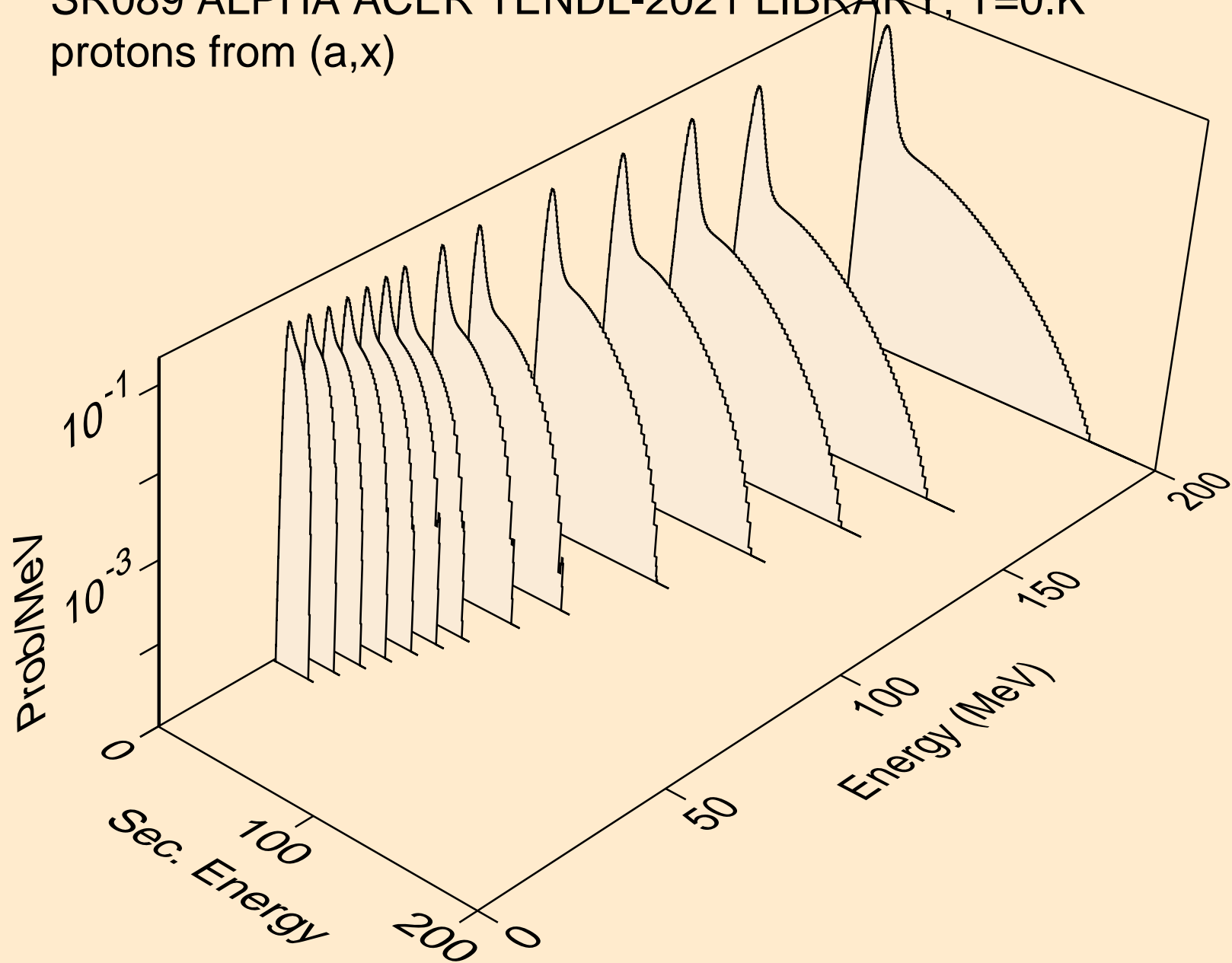
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neutrons from (a,2np)



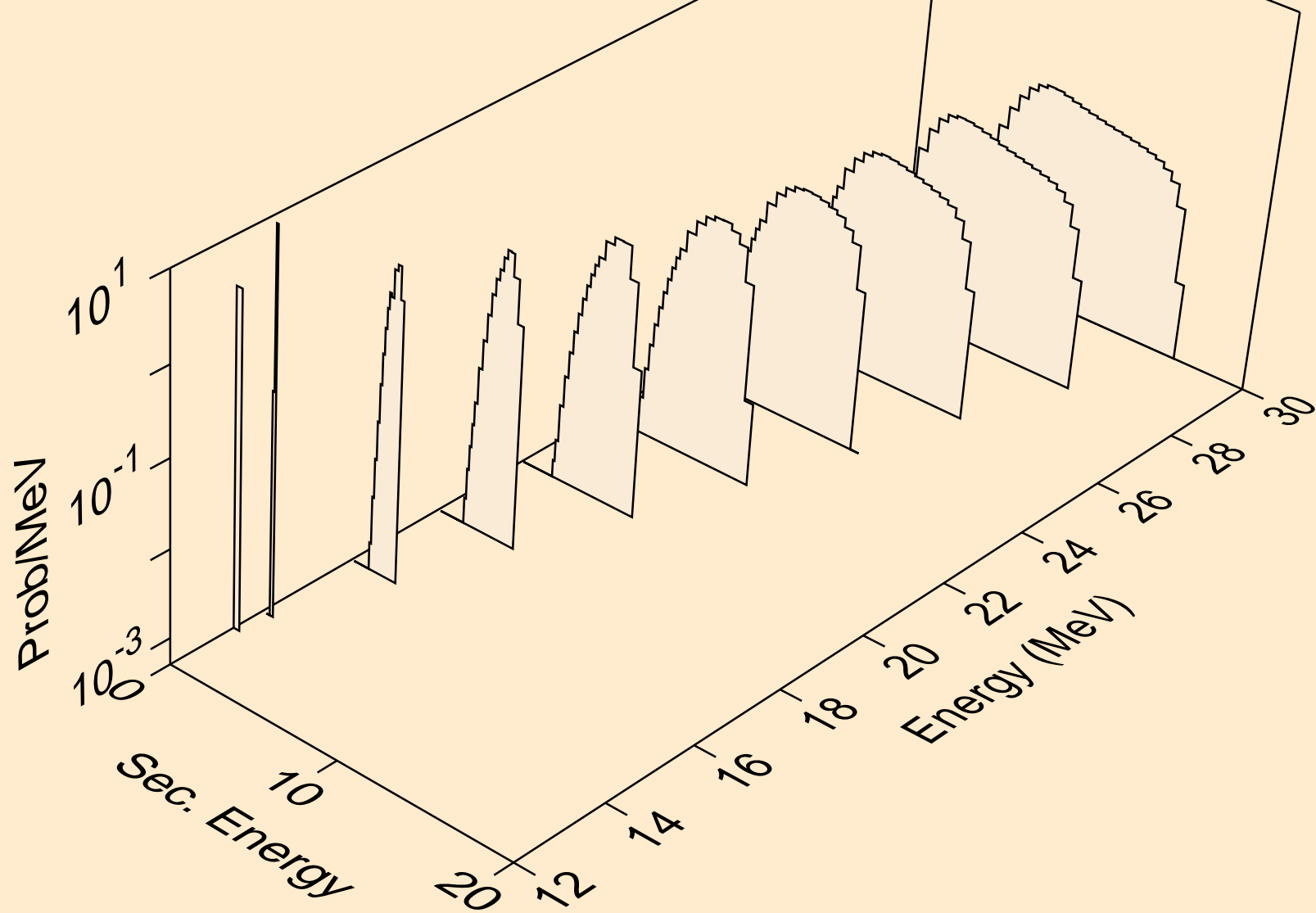
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neutrons from (a,npa)



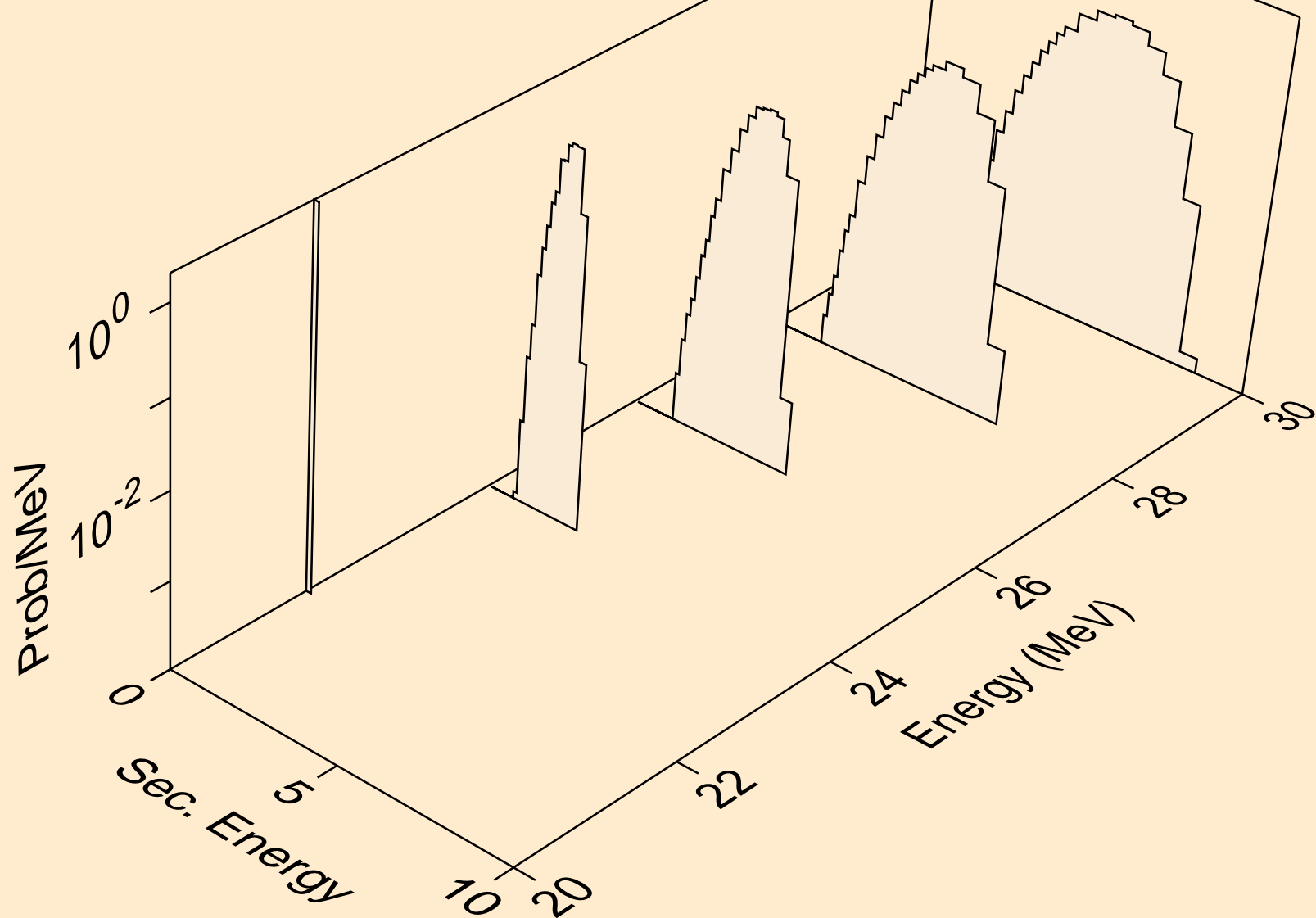
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protons from (a,x)



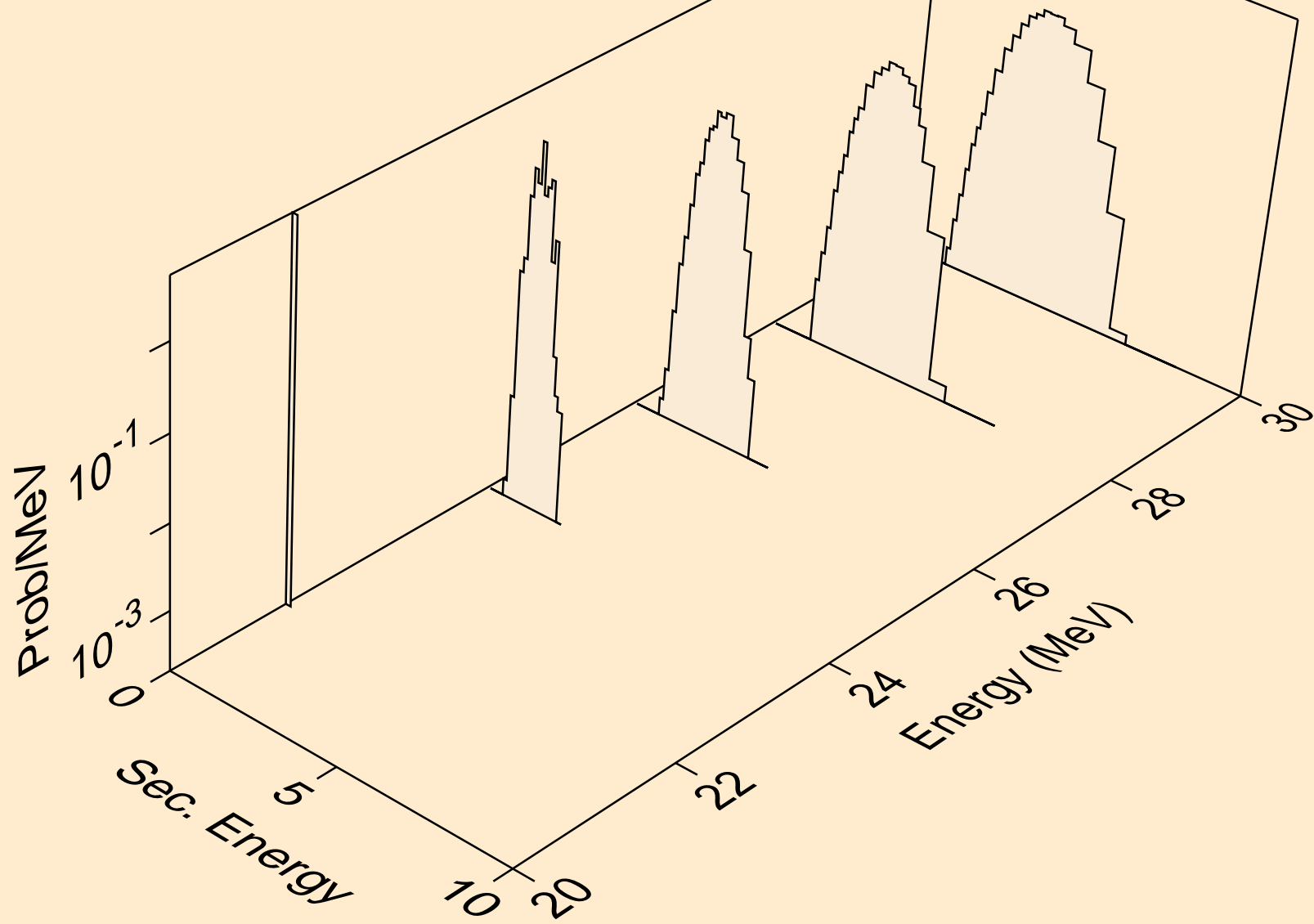
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protons from (a,n\*)p



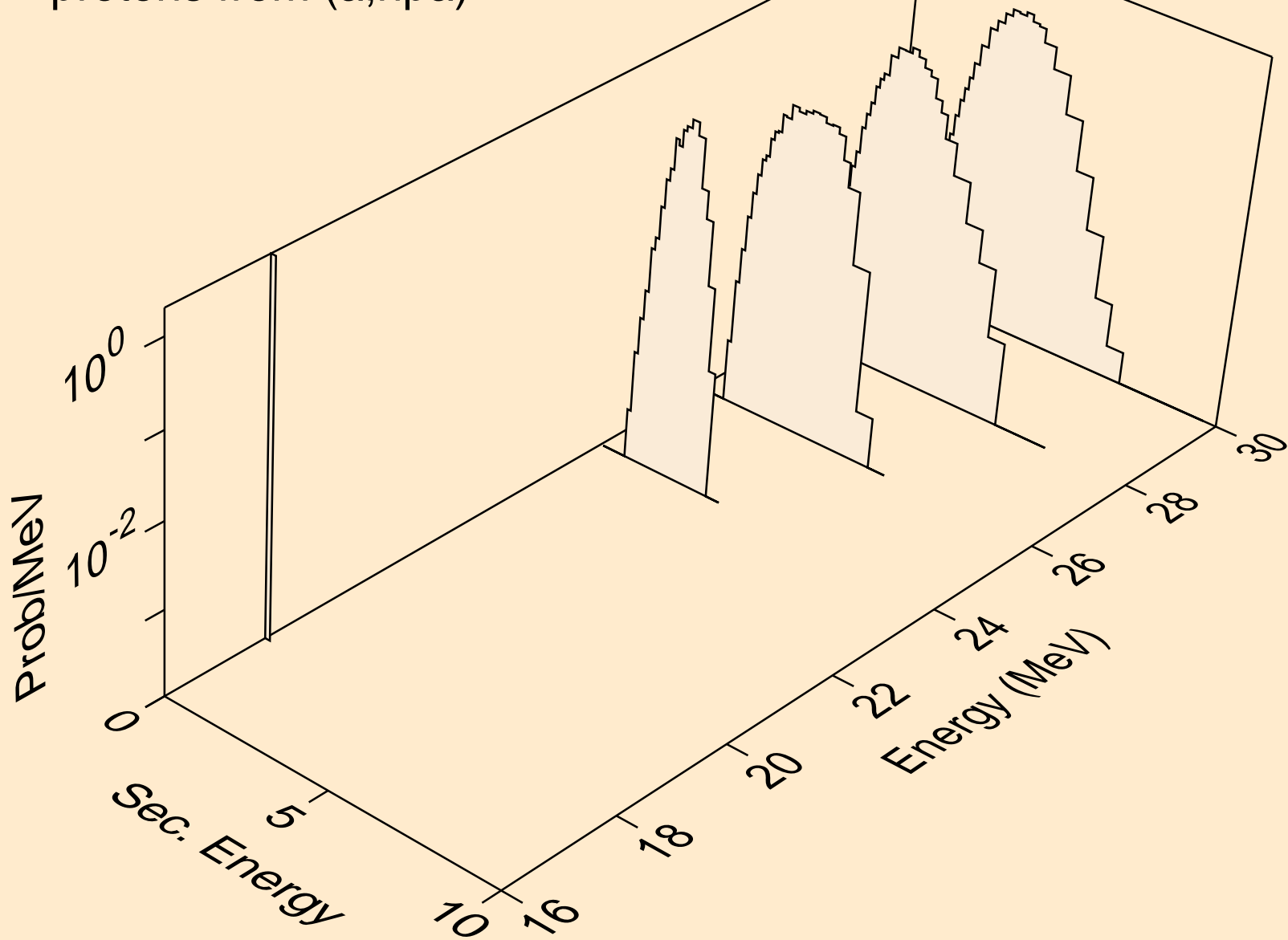
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

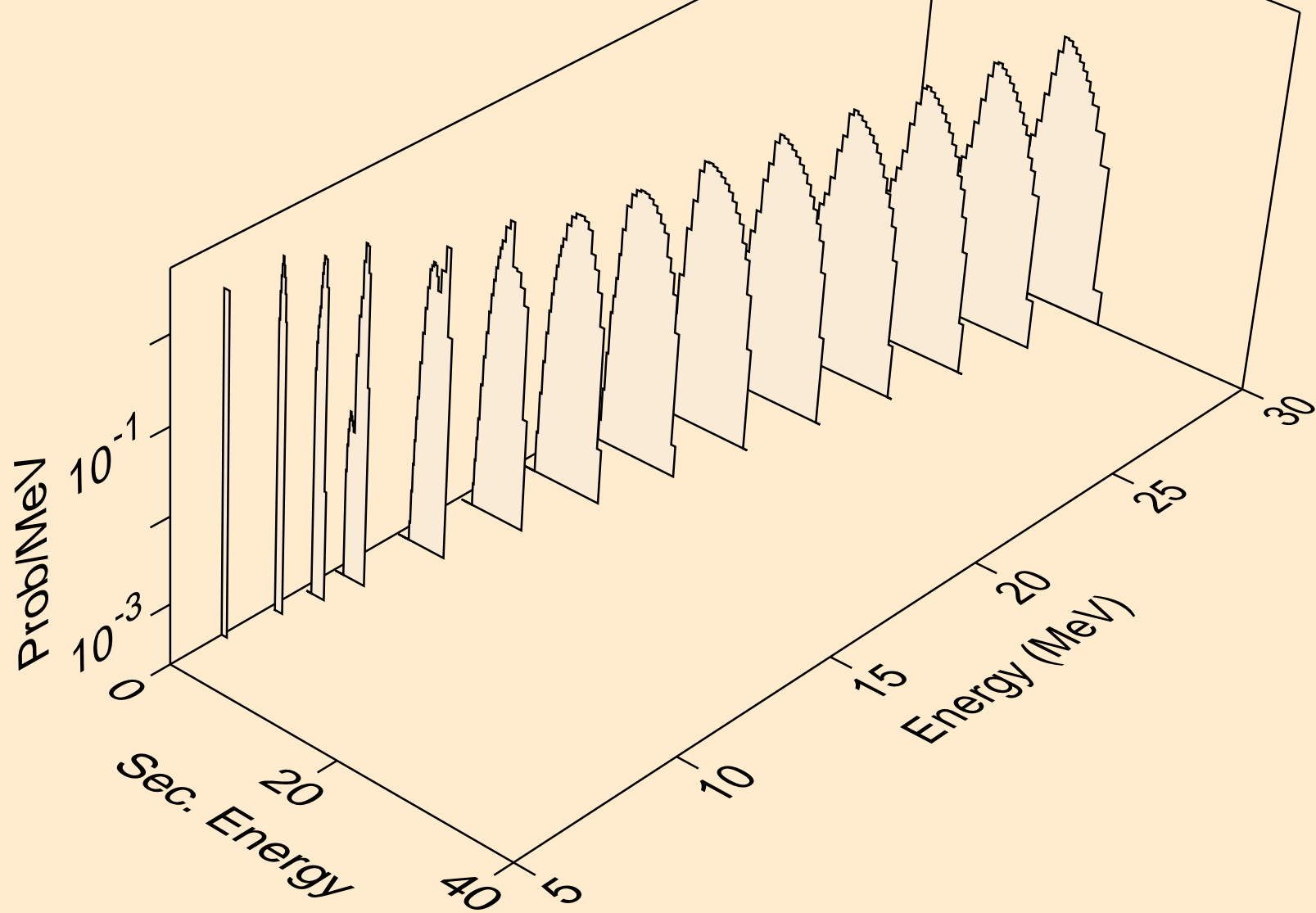


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protons from (a,npa)

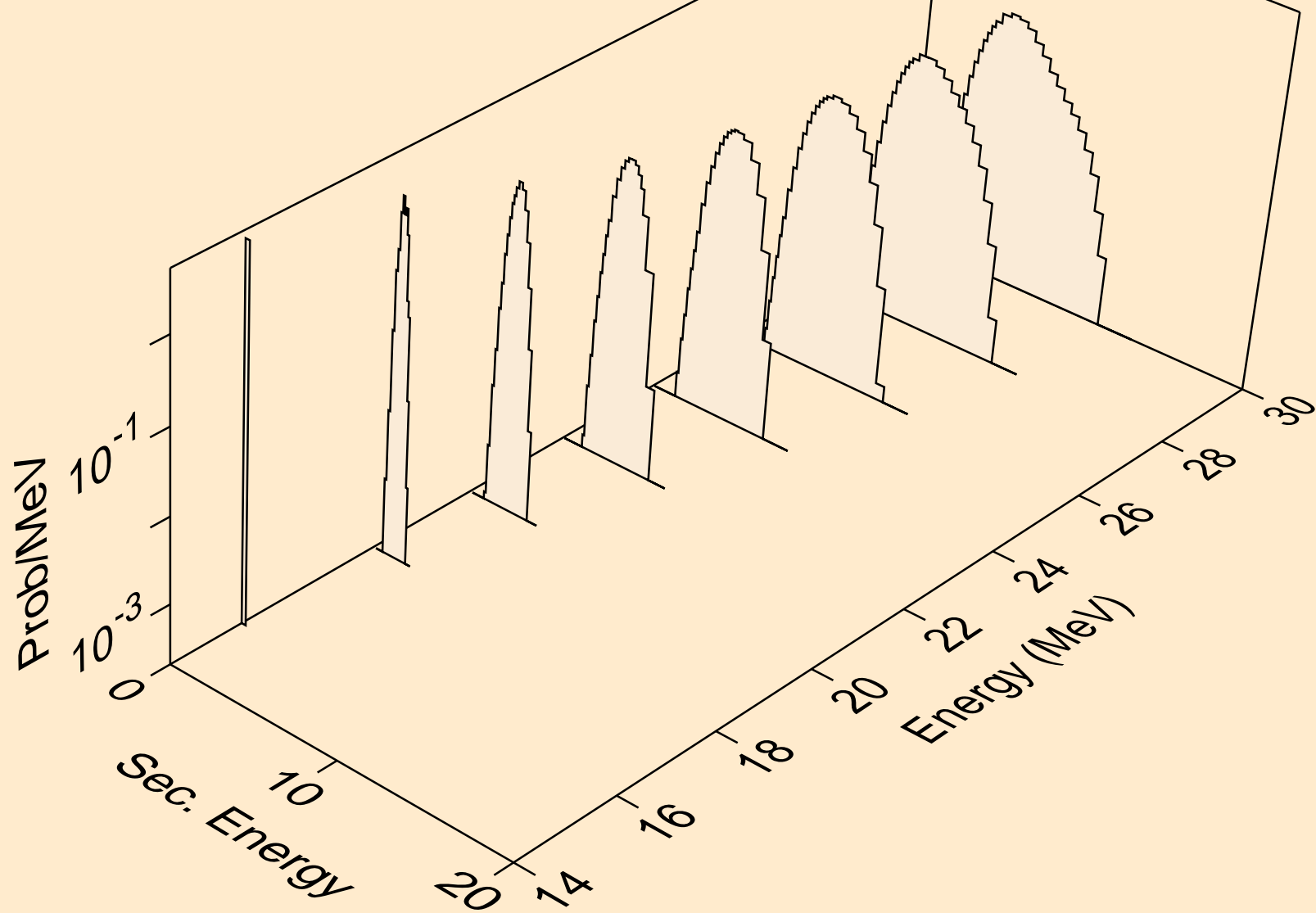




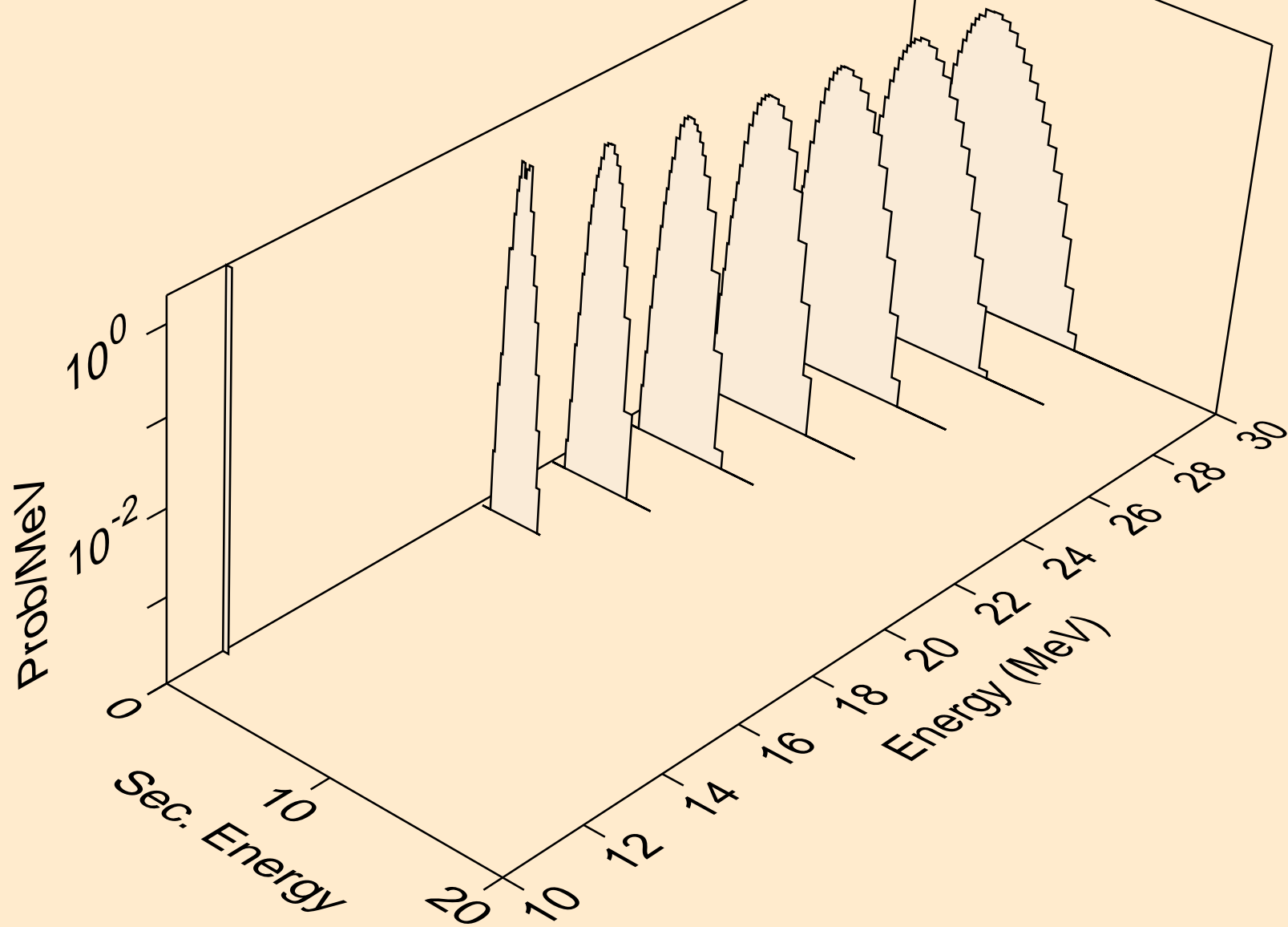
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protons from (a,p)



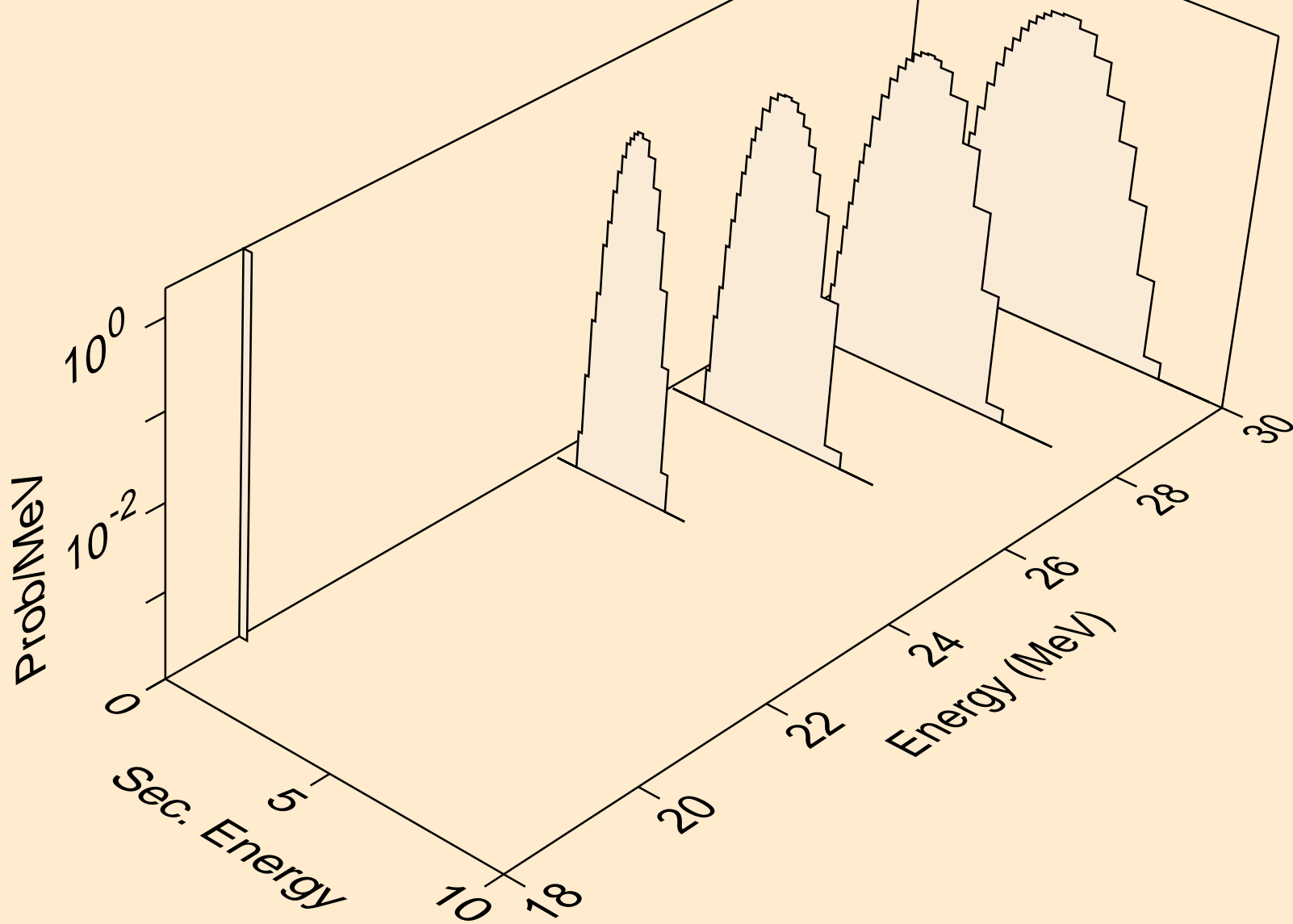
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protons from (a,2p)



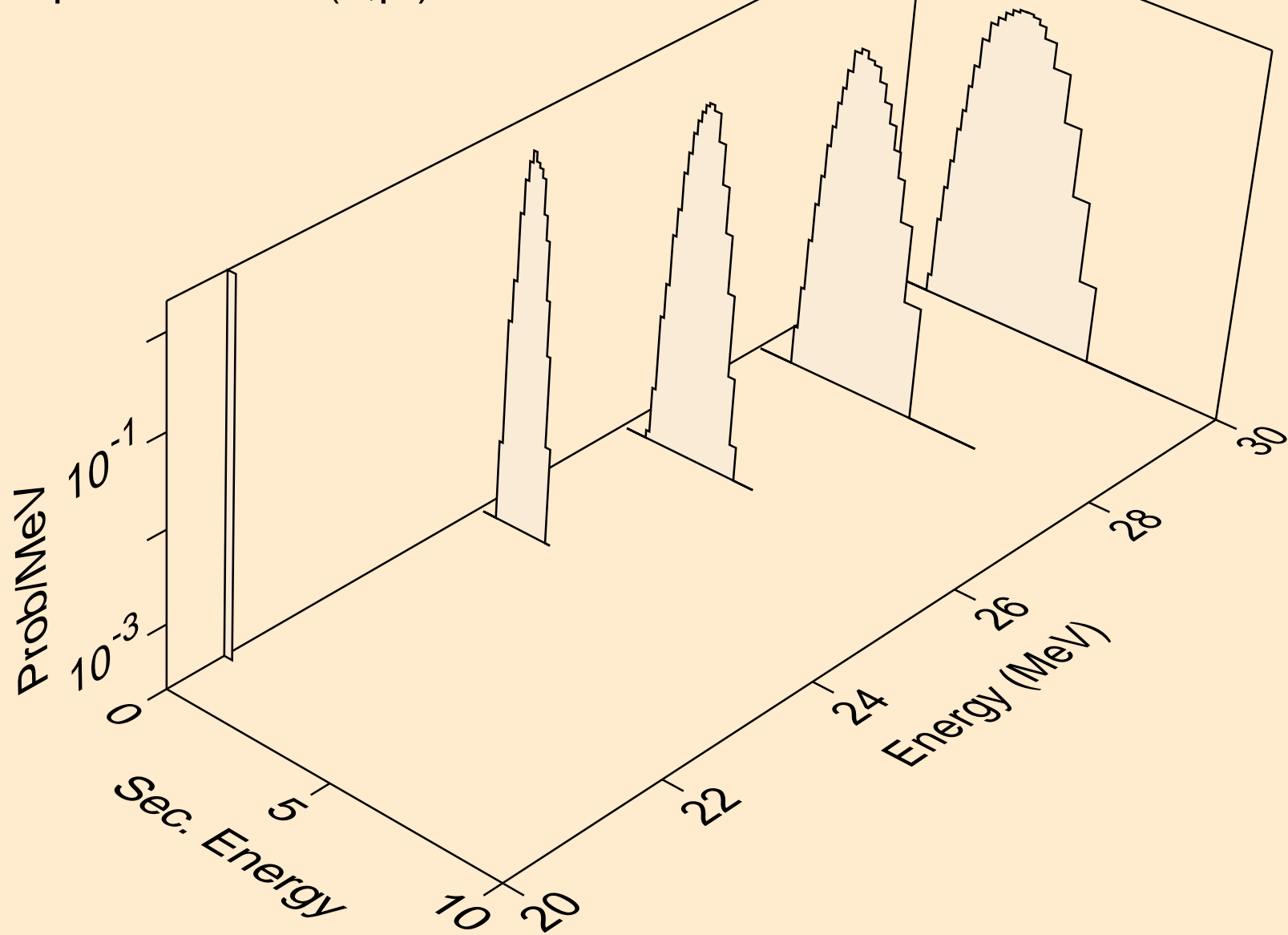
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



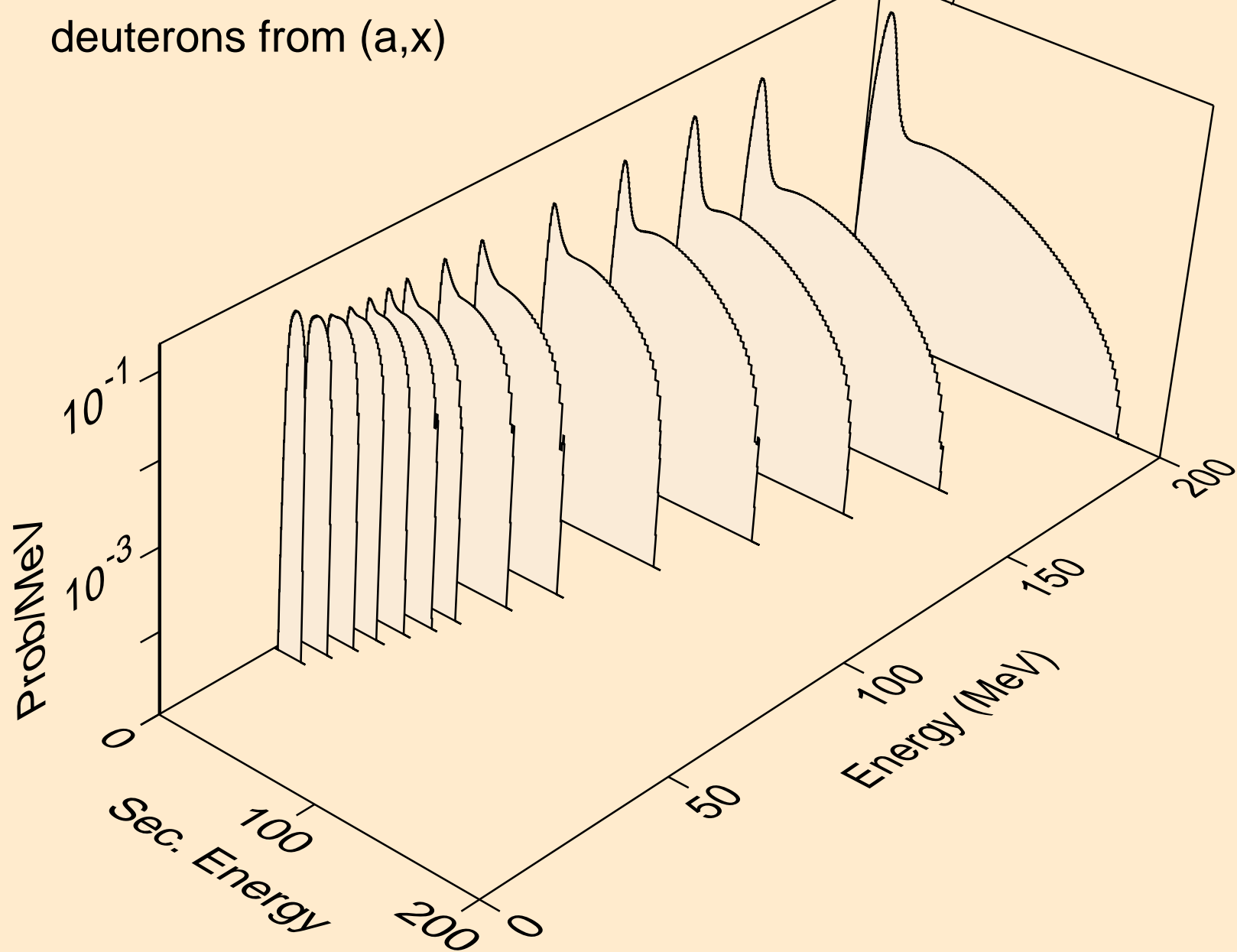
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



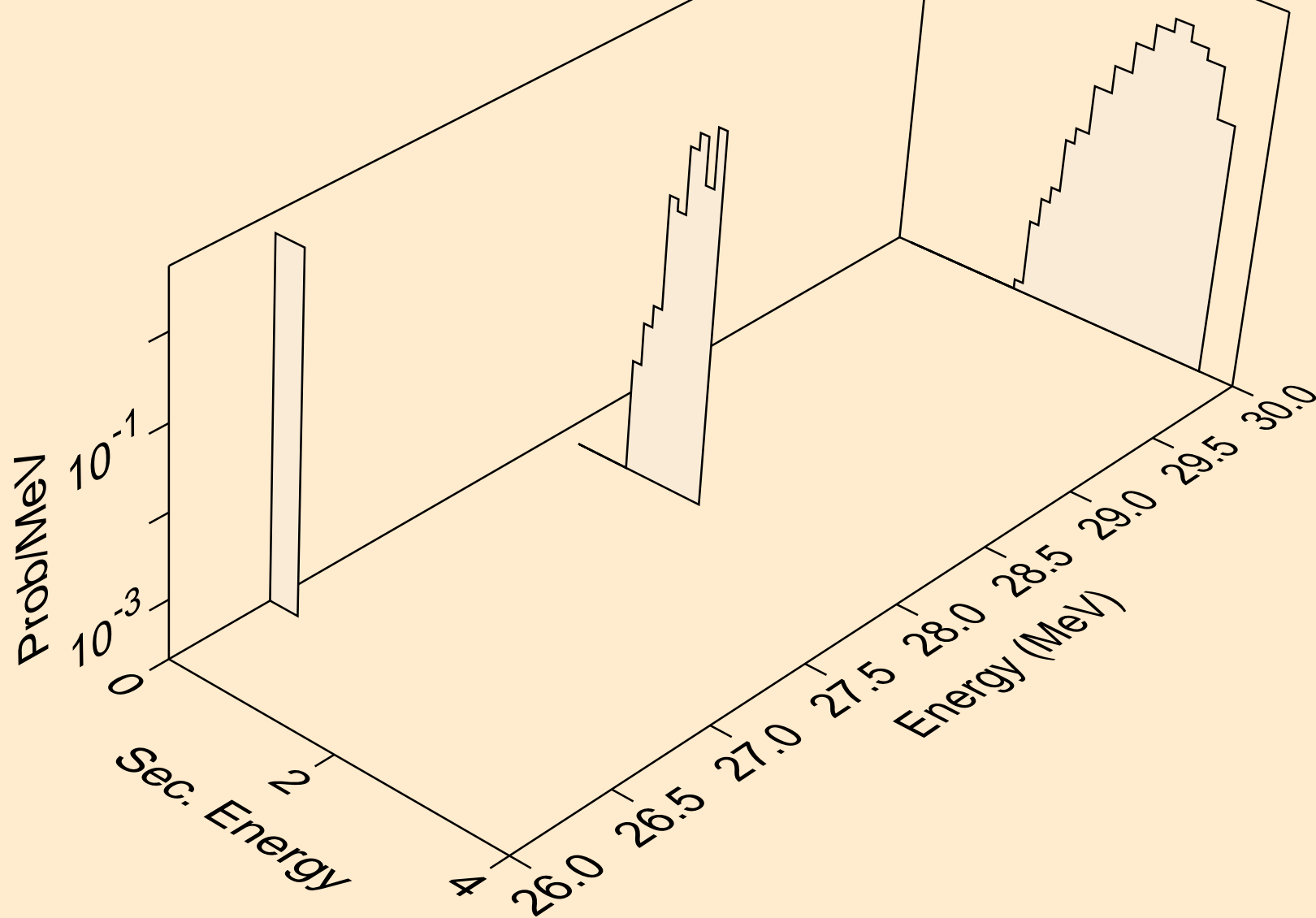
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protons from (a,pt)



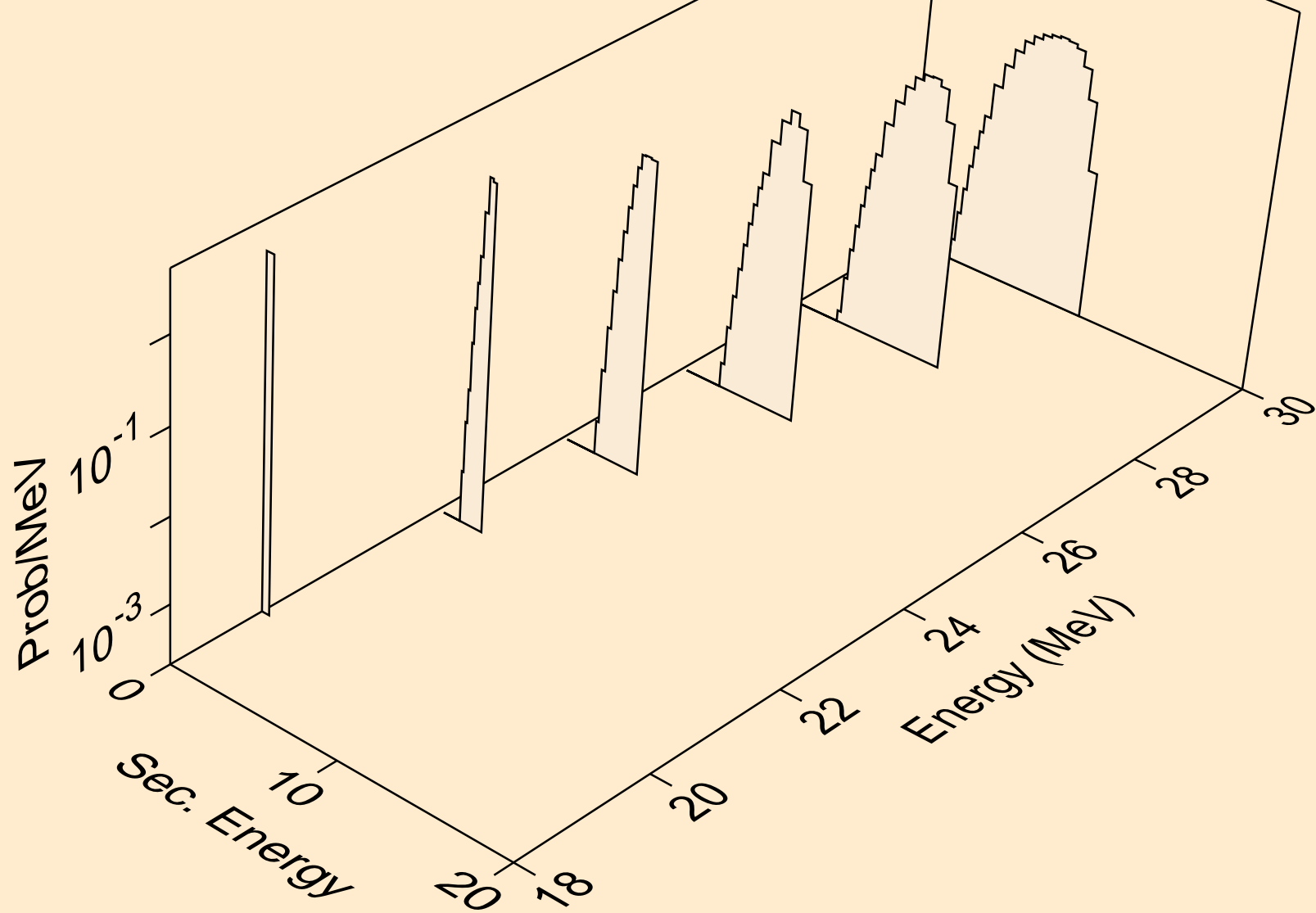
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)

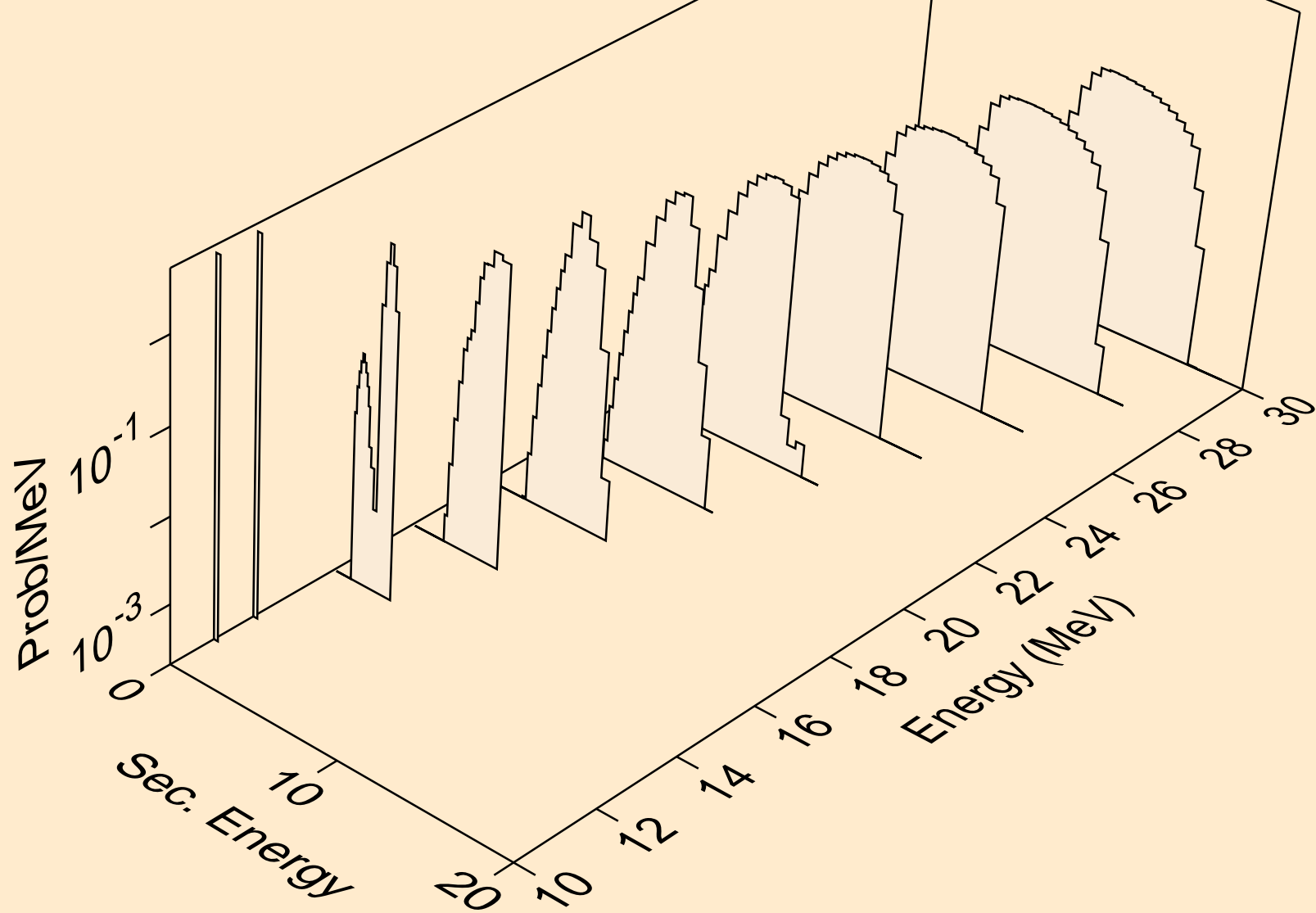


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

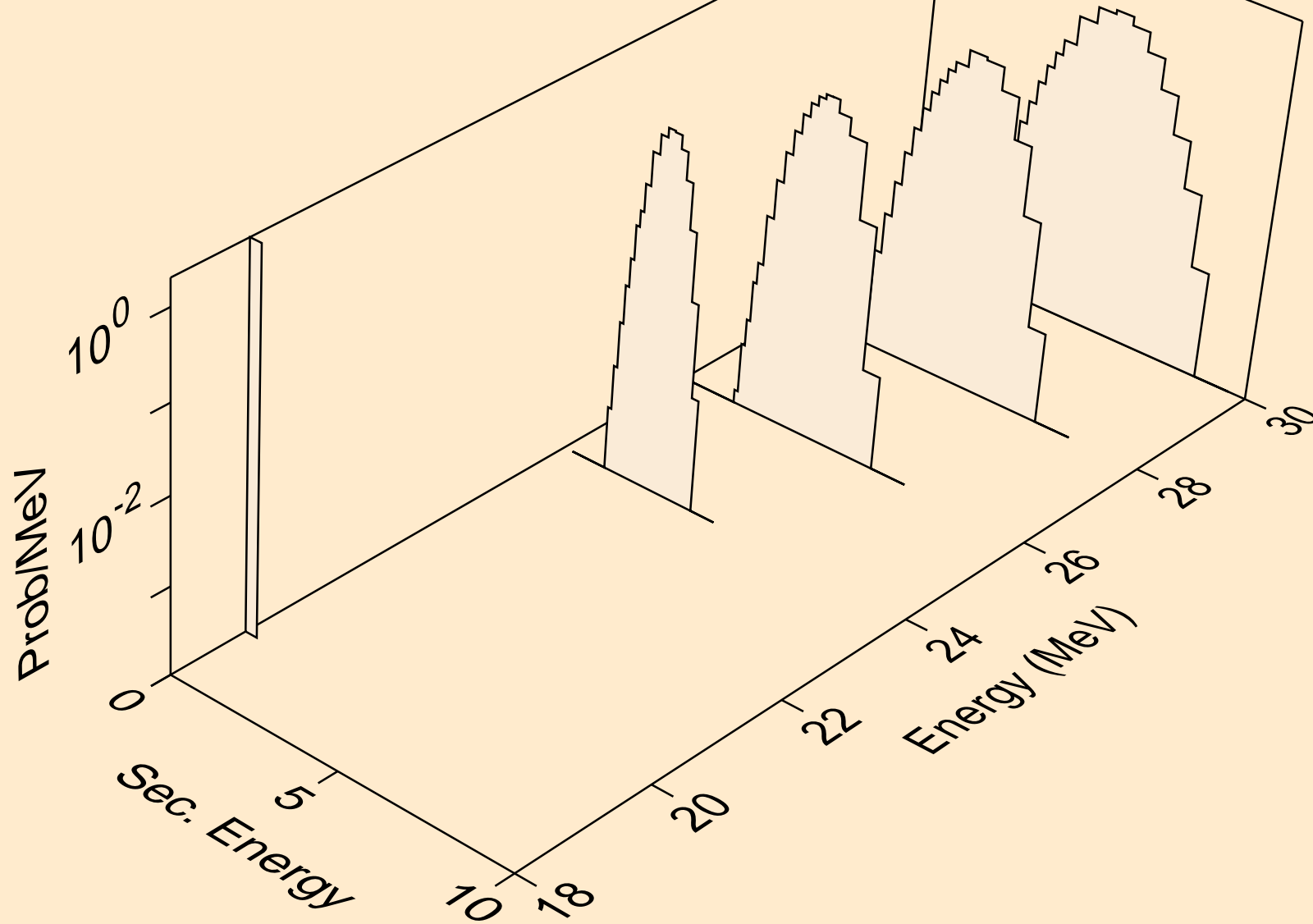




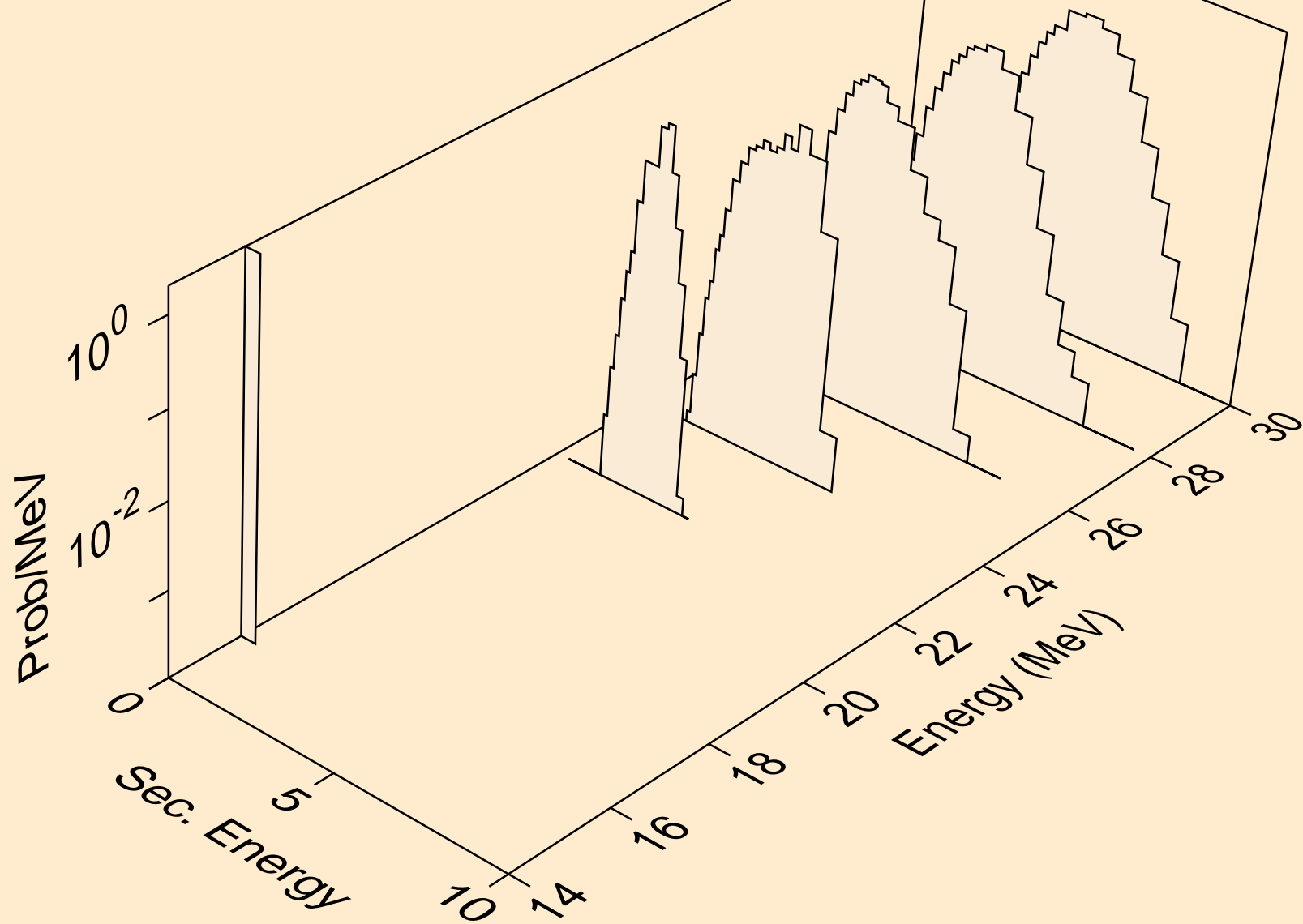
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



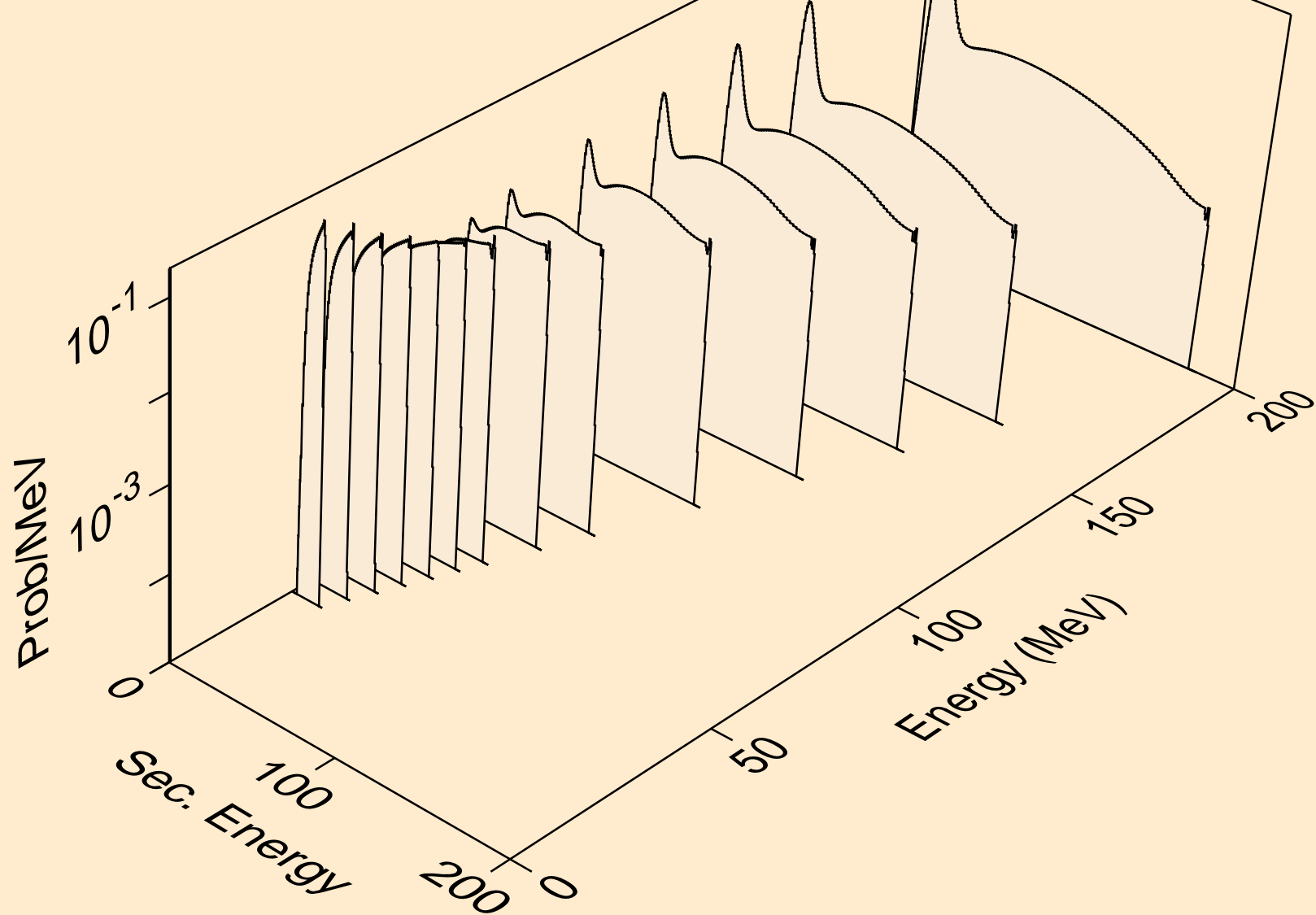
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deuterons from (a,pd)



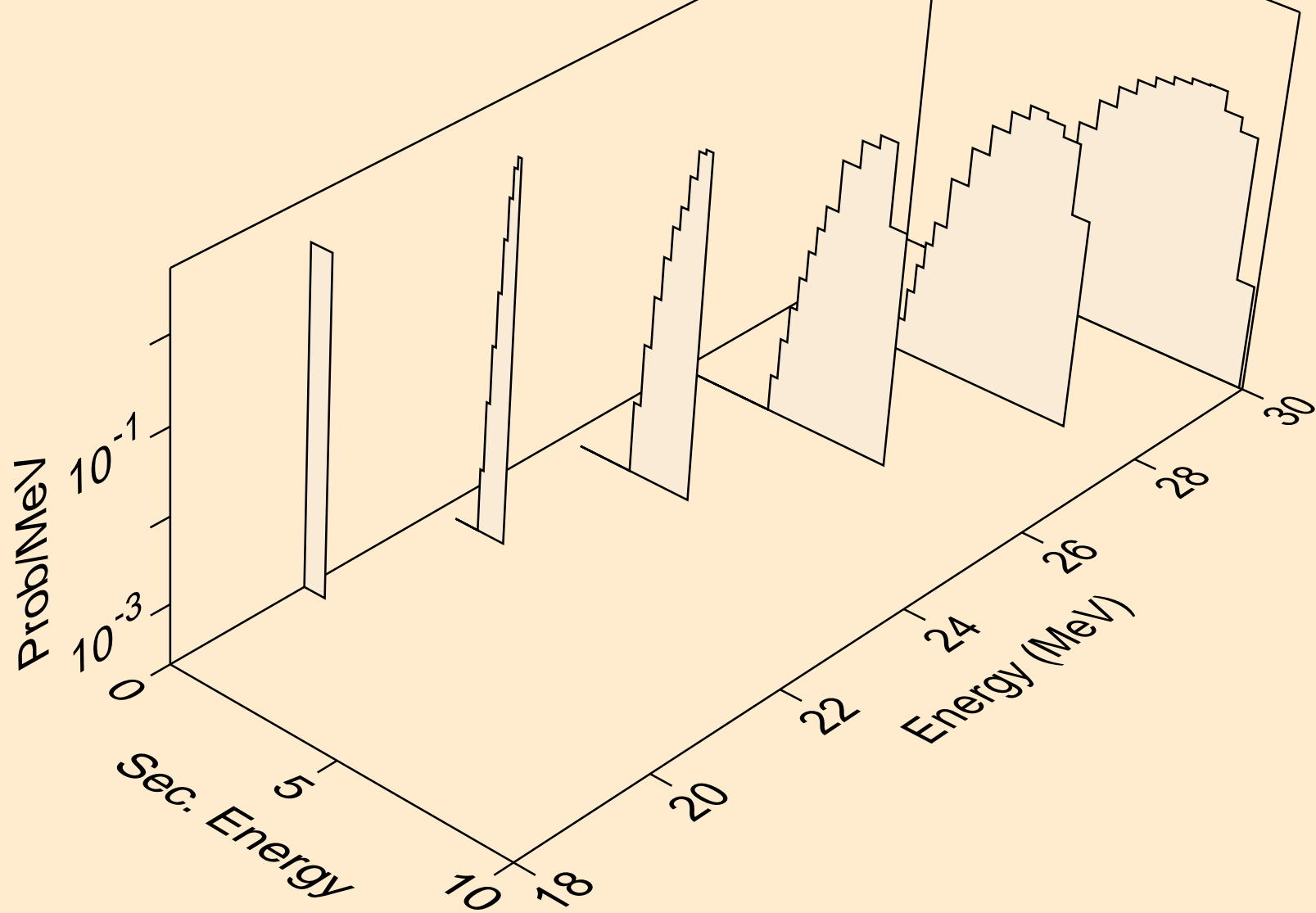
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deuterons from (a,da)



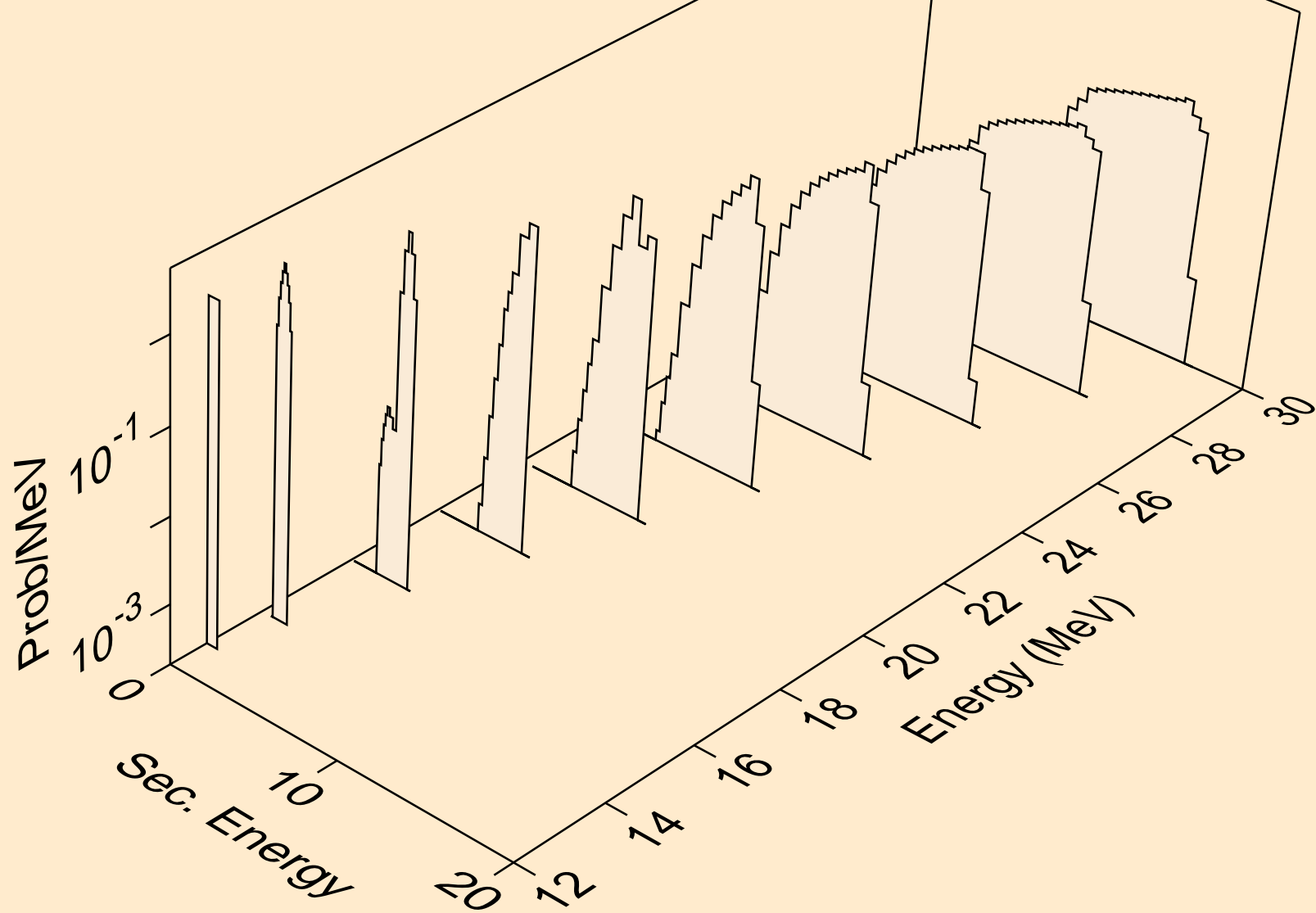
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



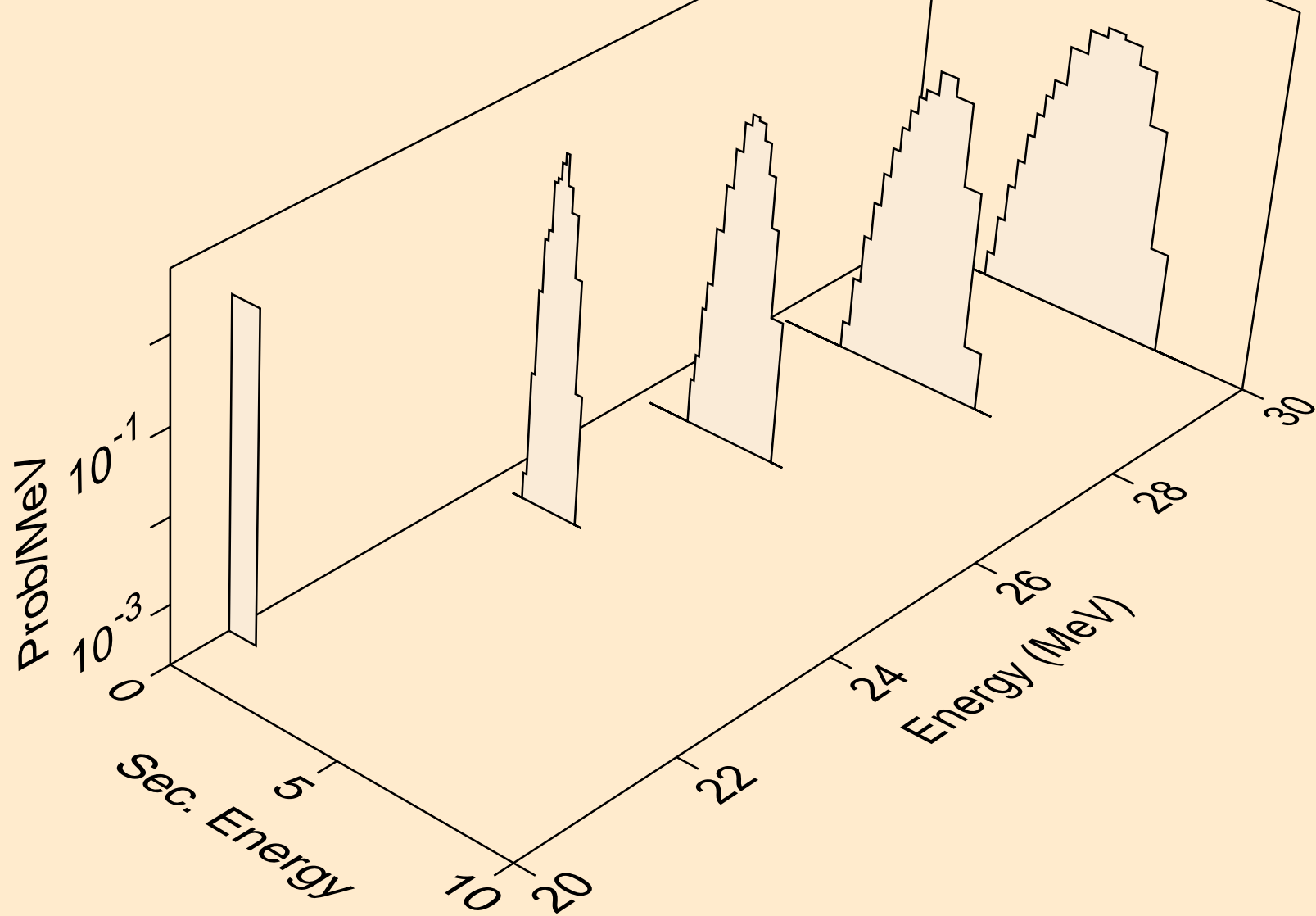
SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



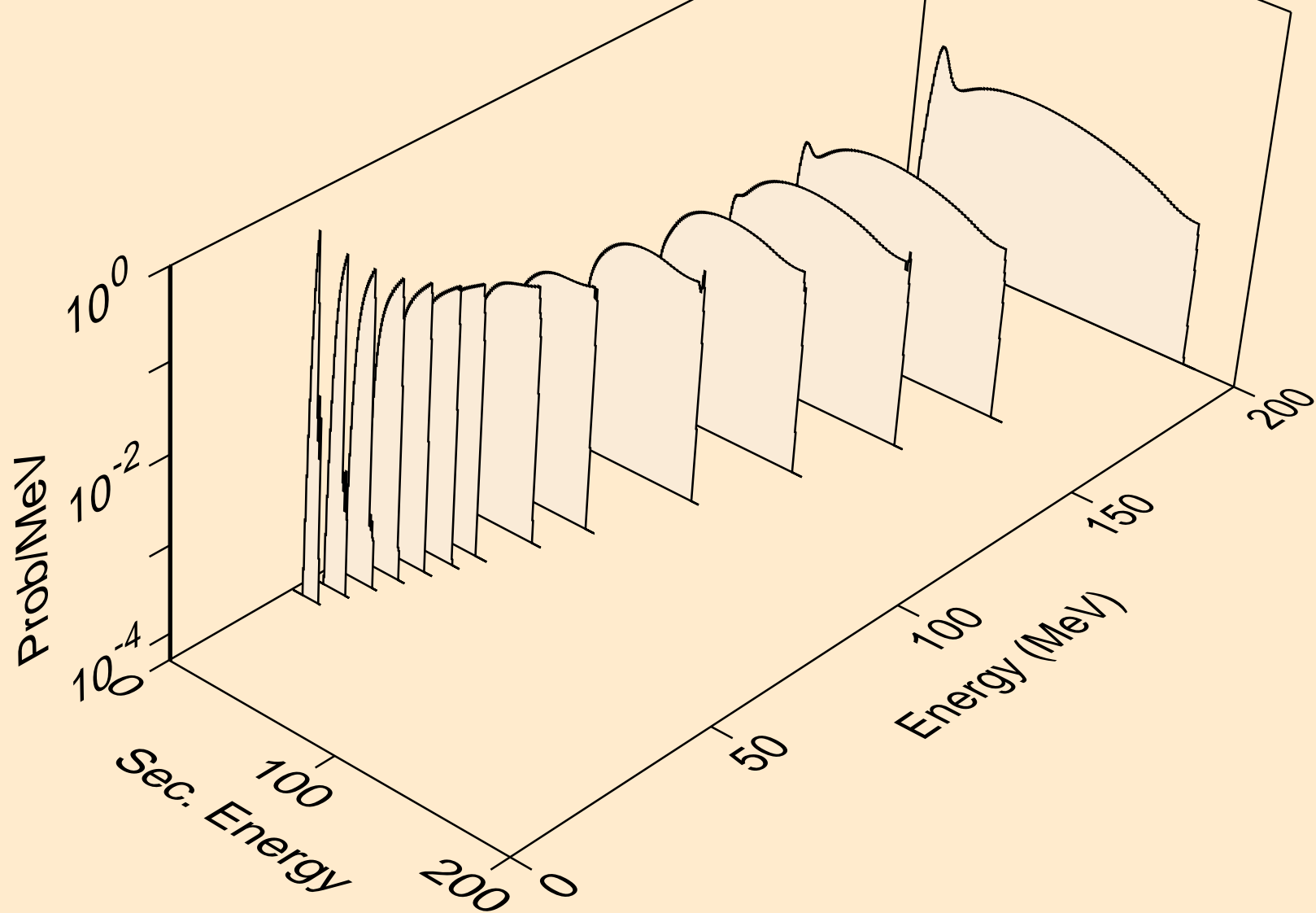
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tritons from (a,t)



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

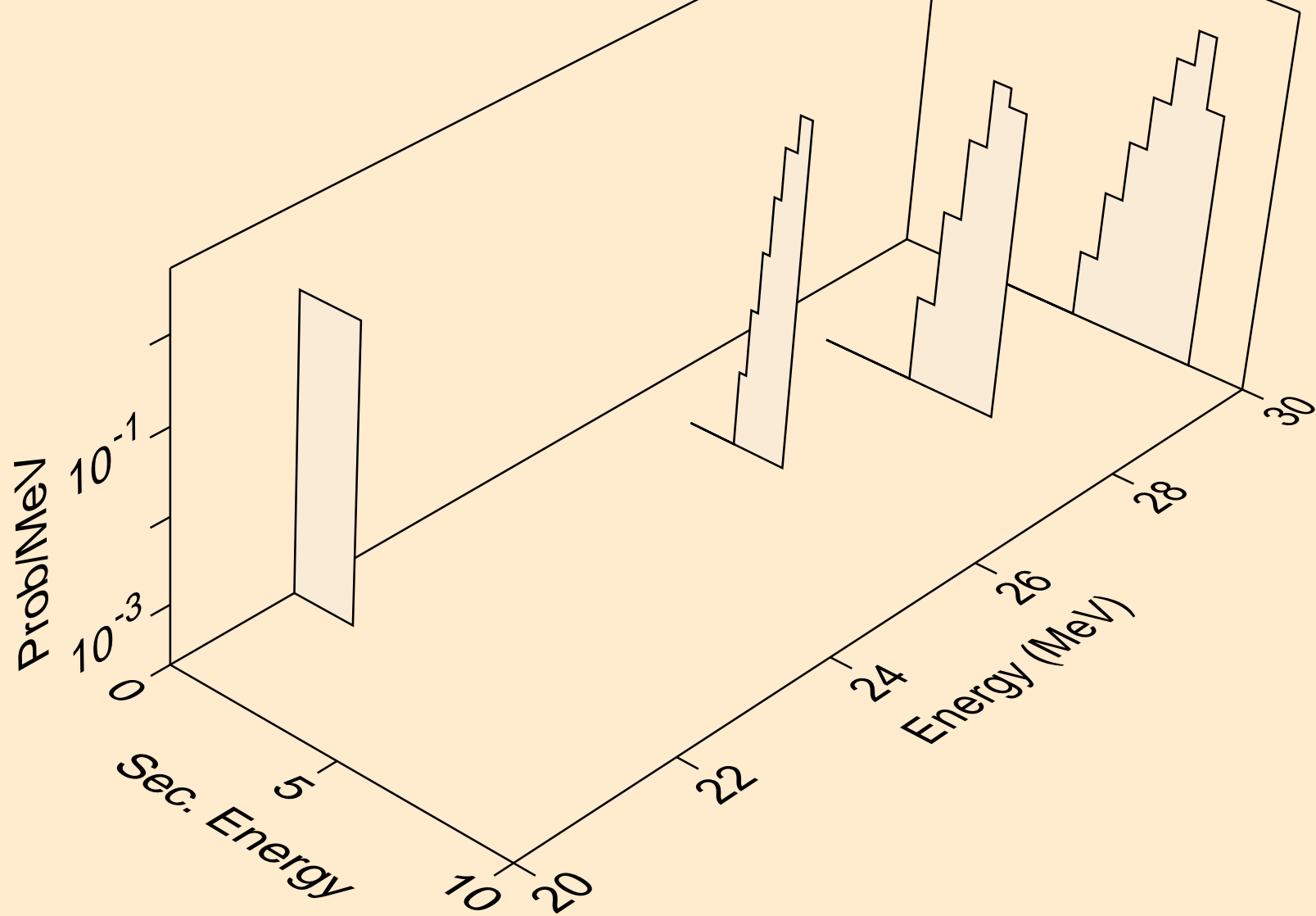


SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SR089 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

