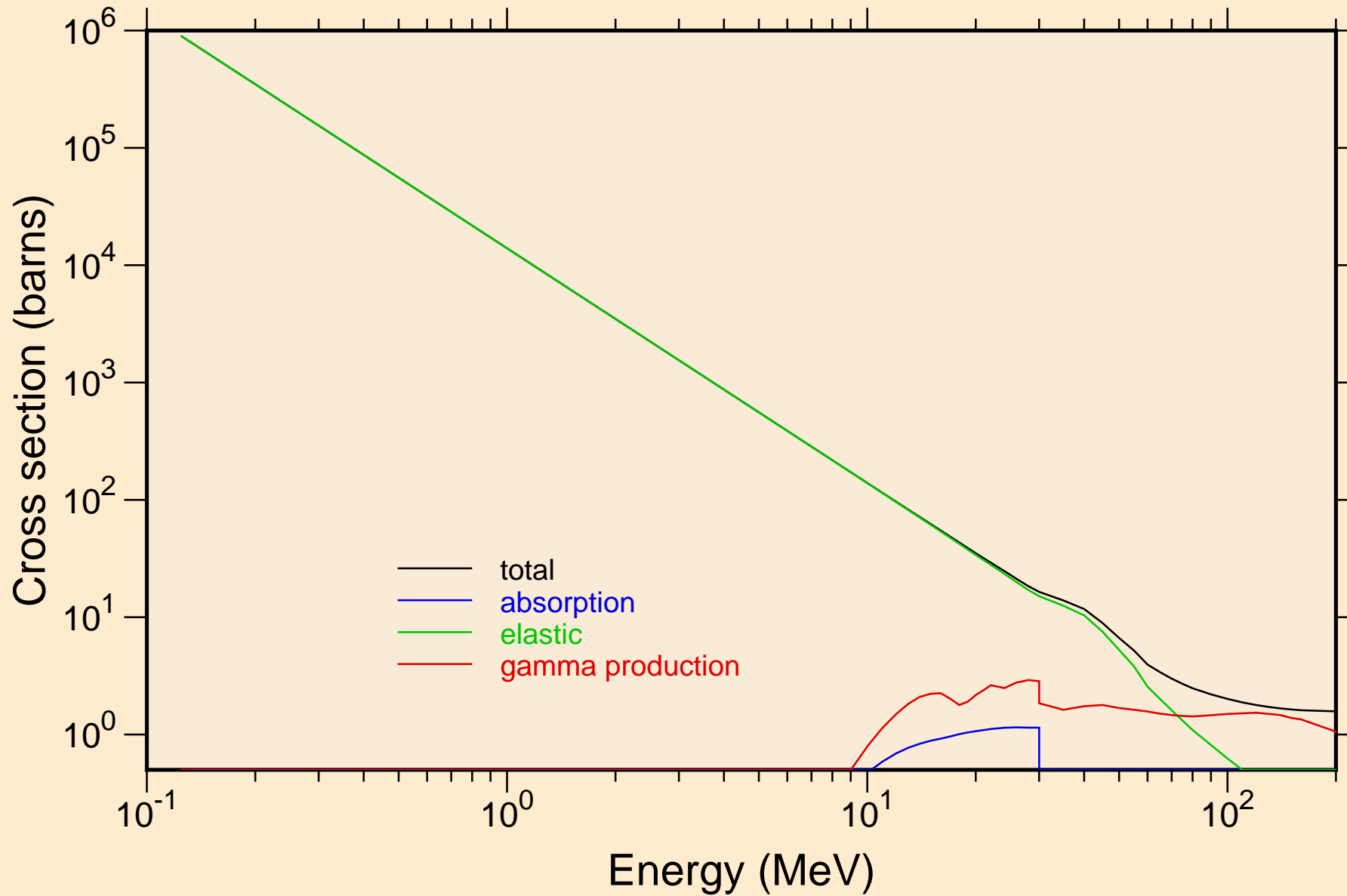
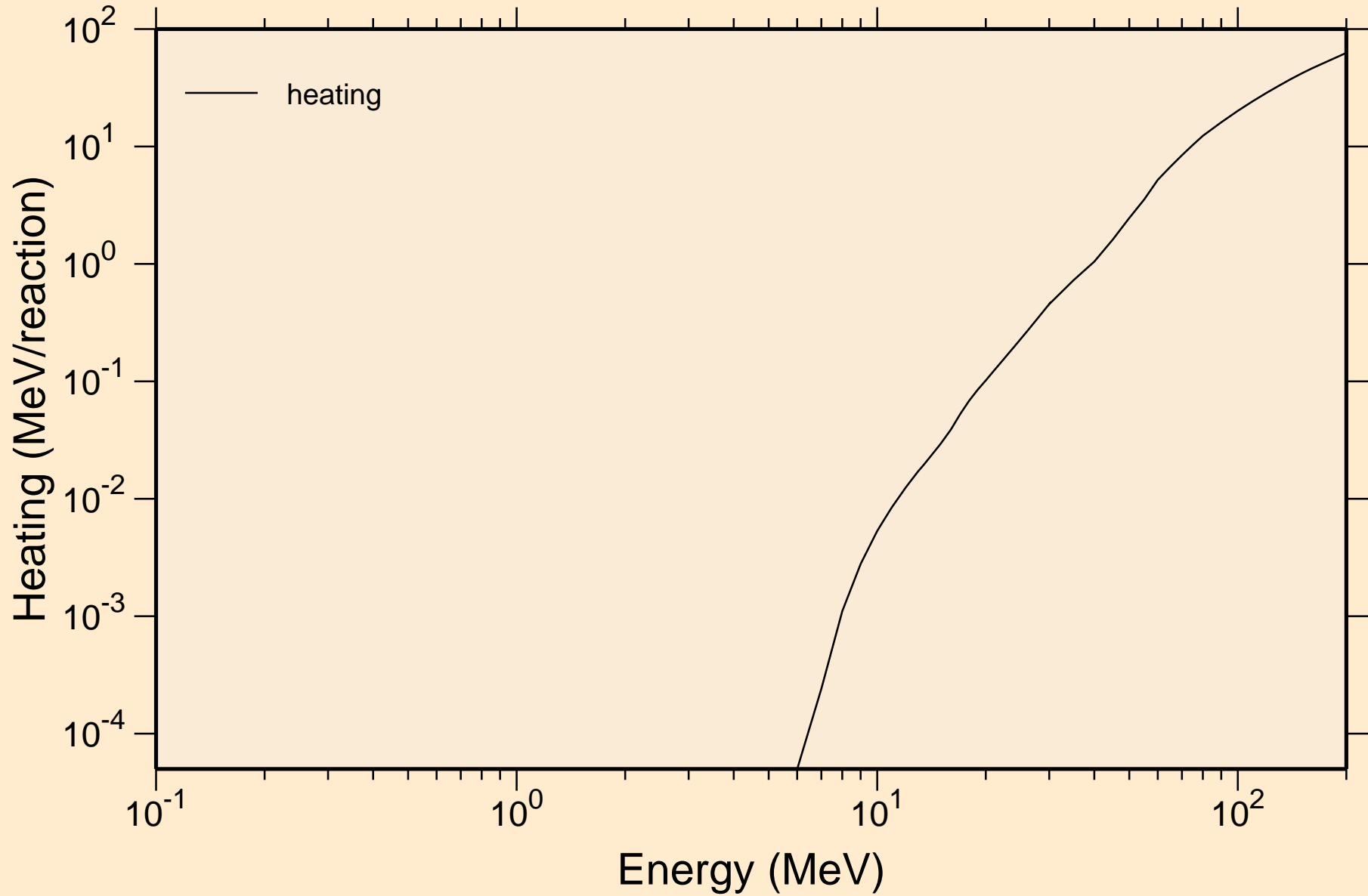


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



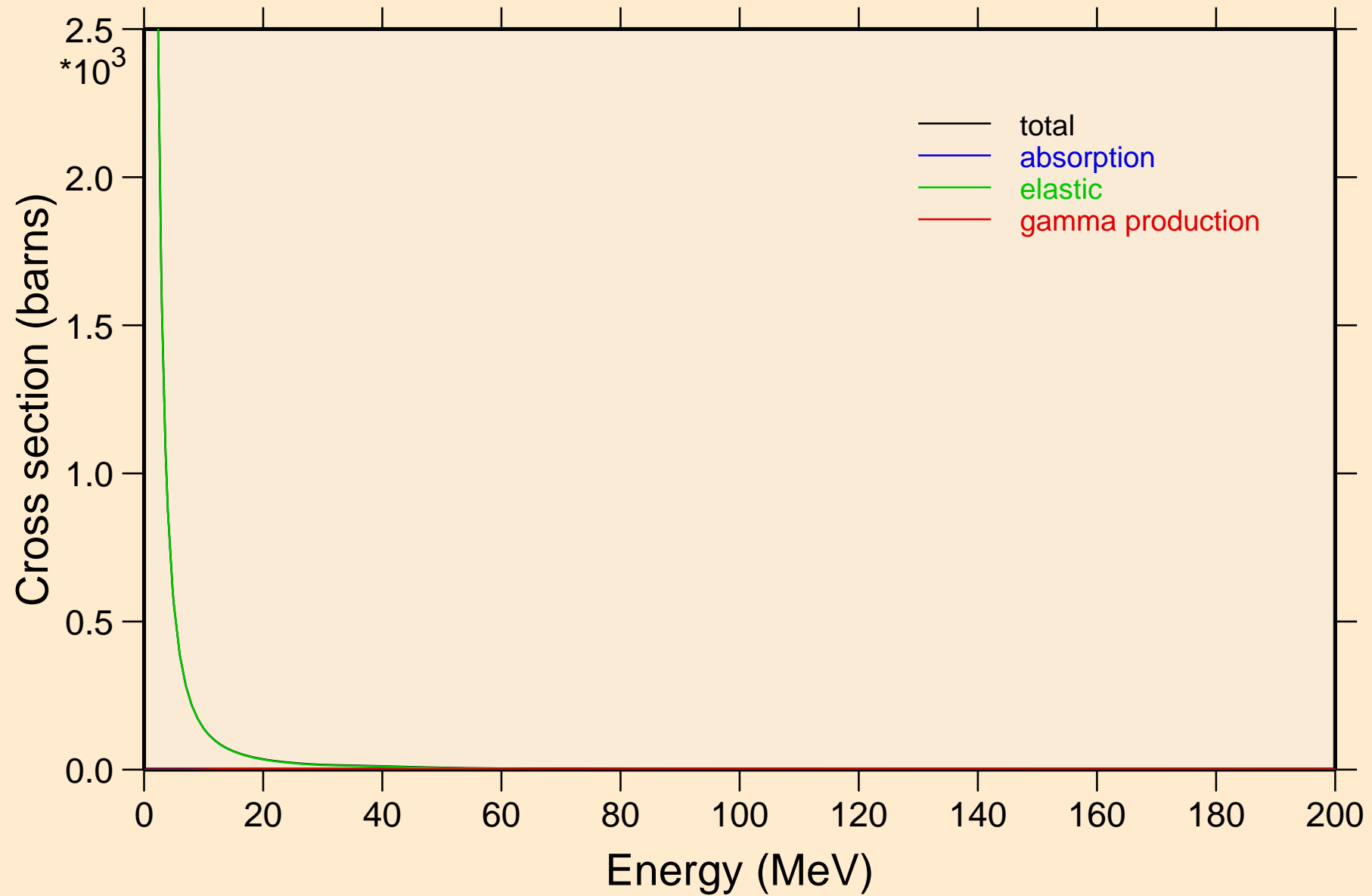
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



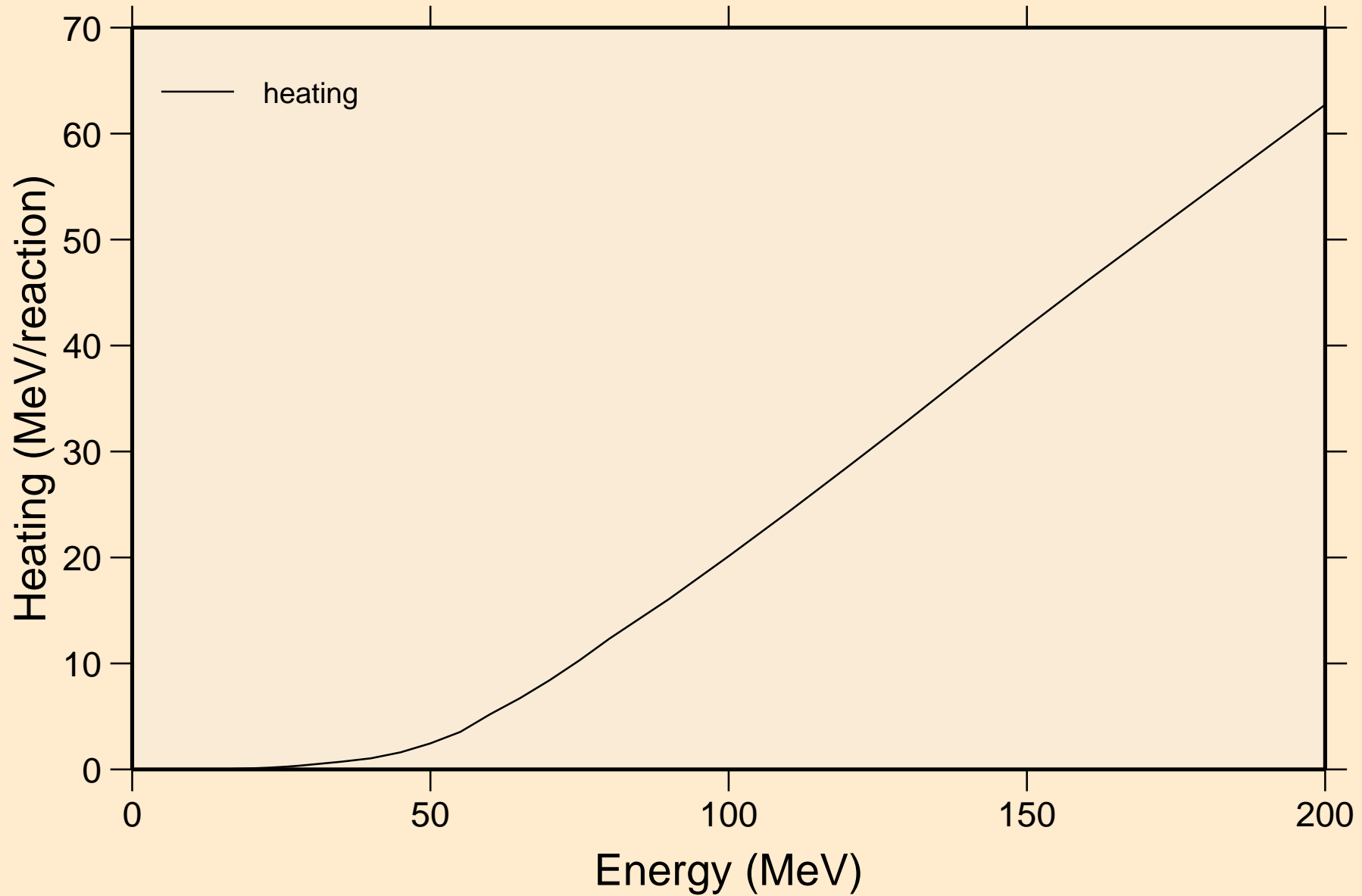
# TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

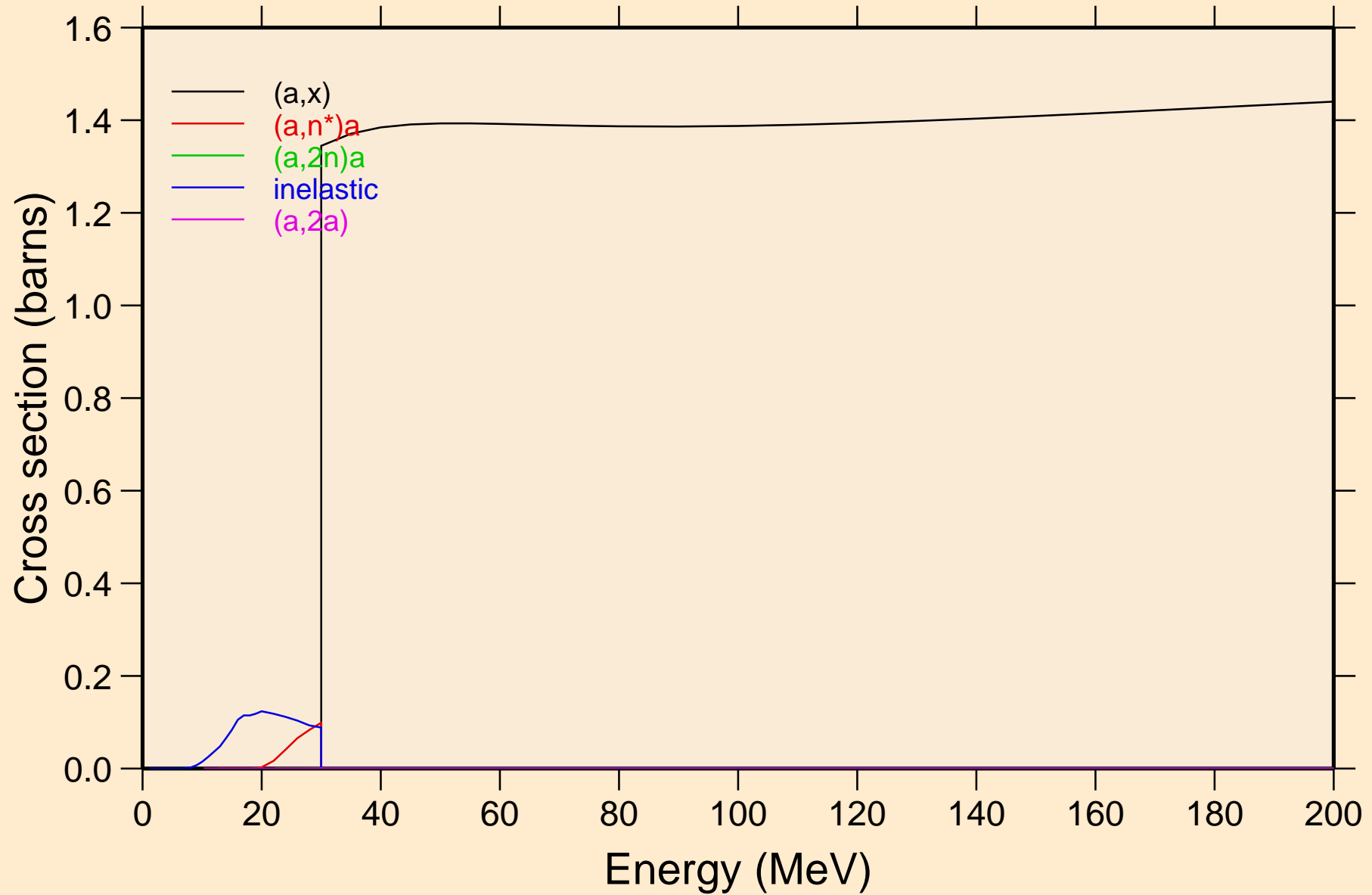


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

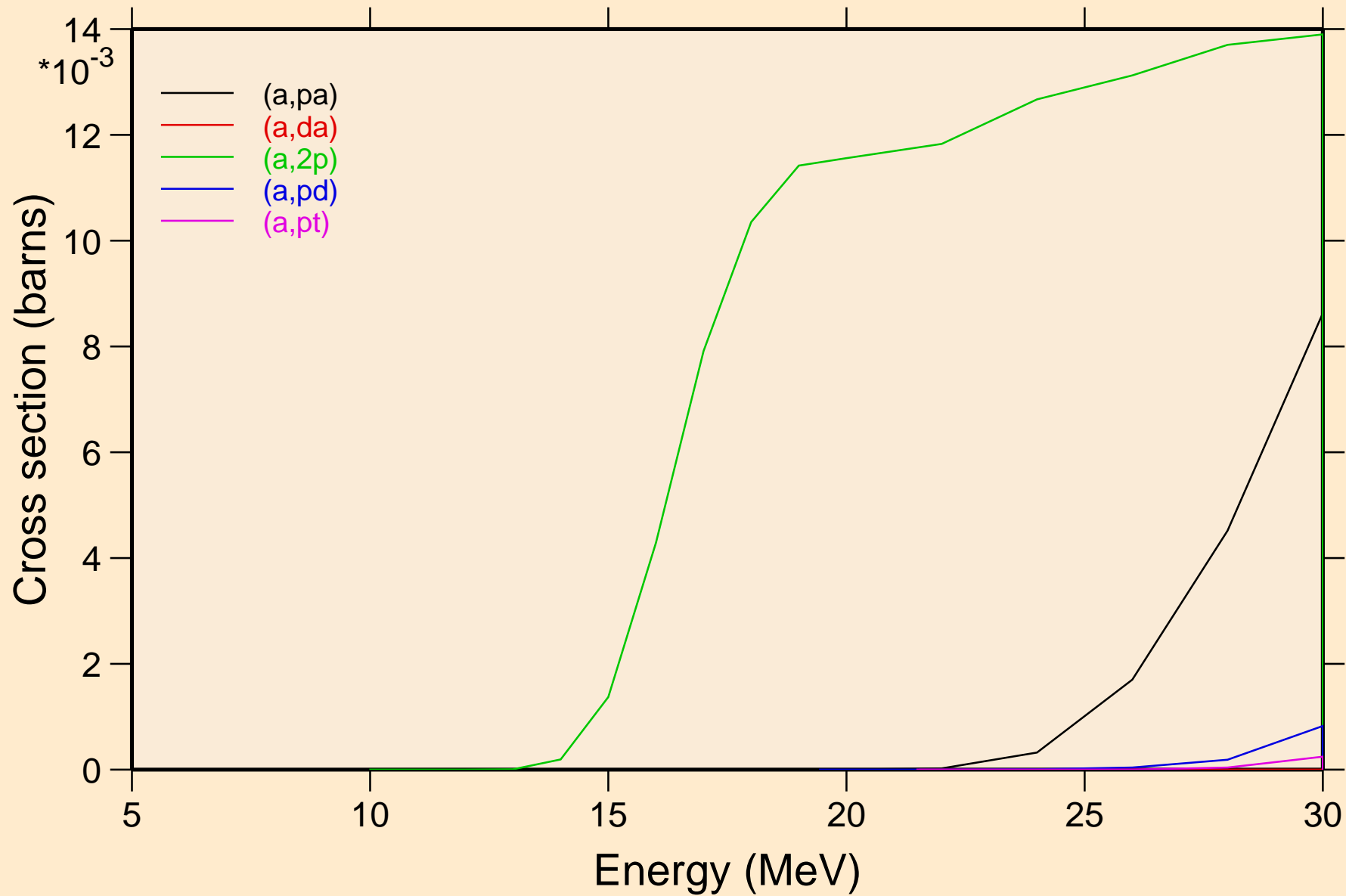
Heating



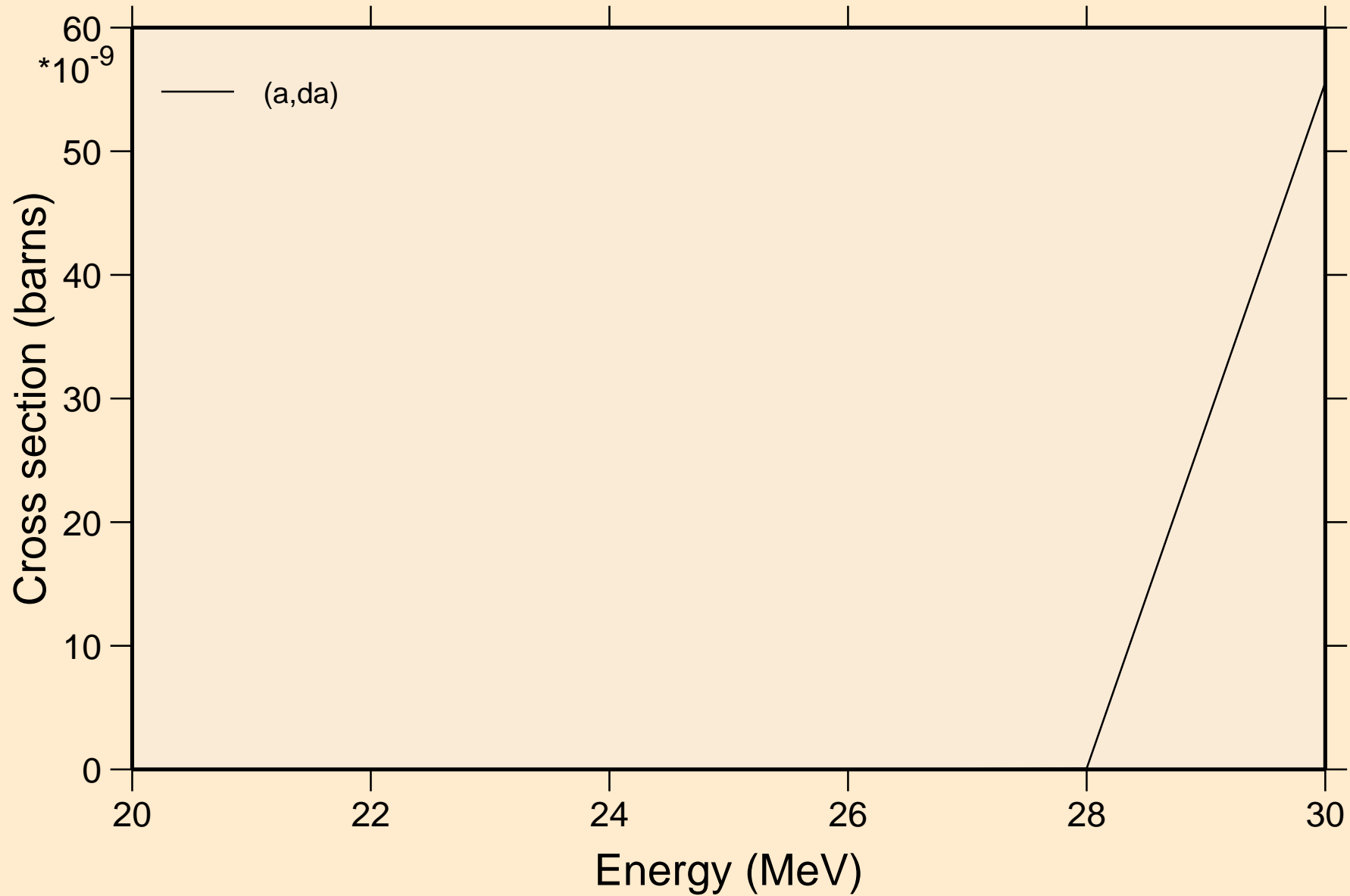
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



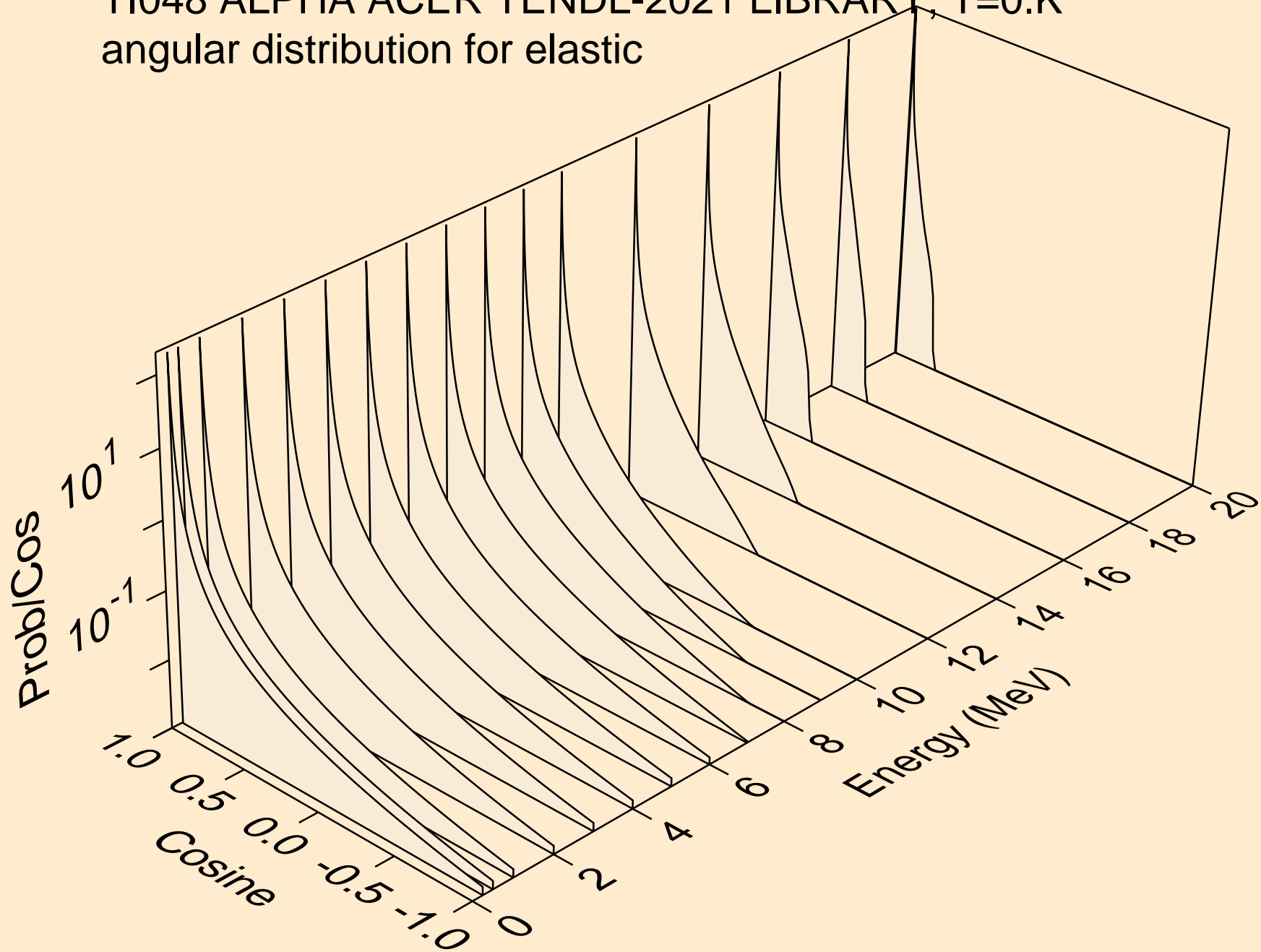
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

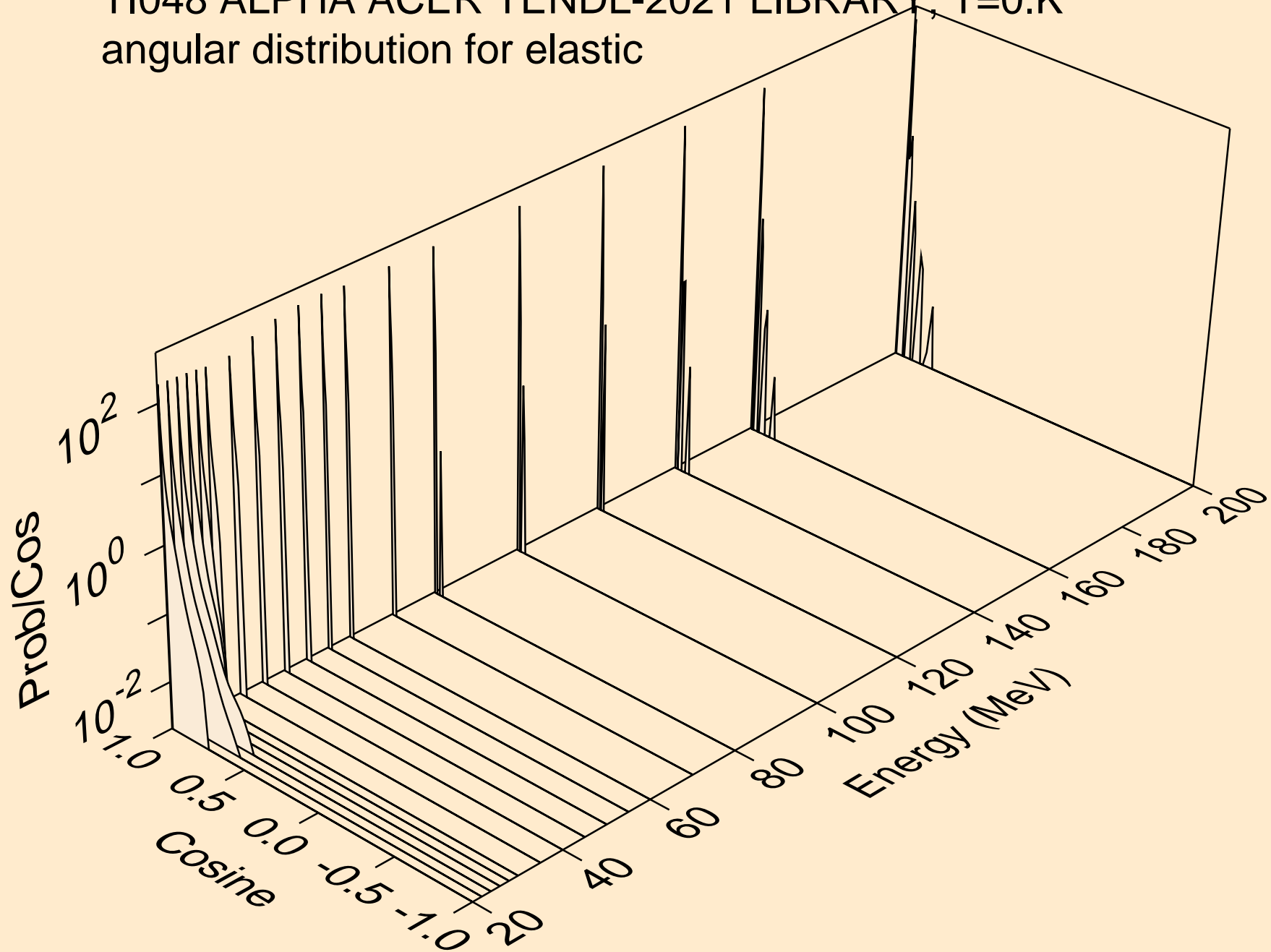


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

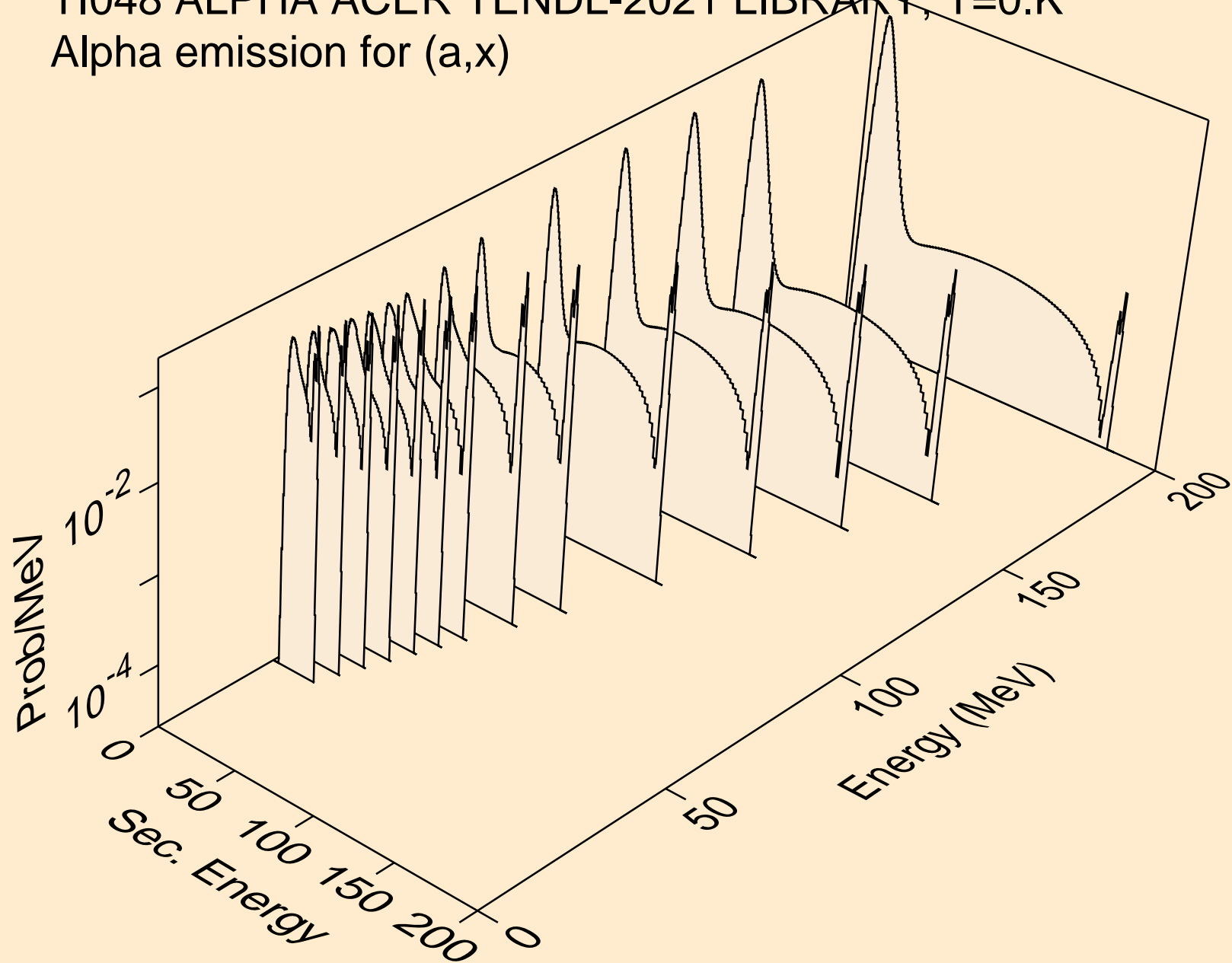




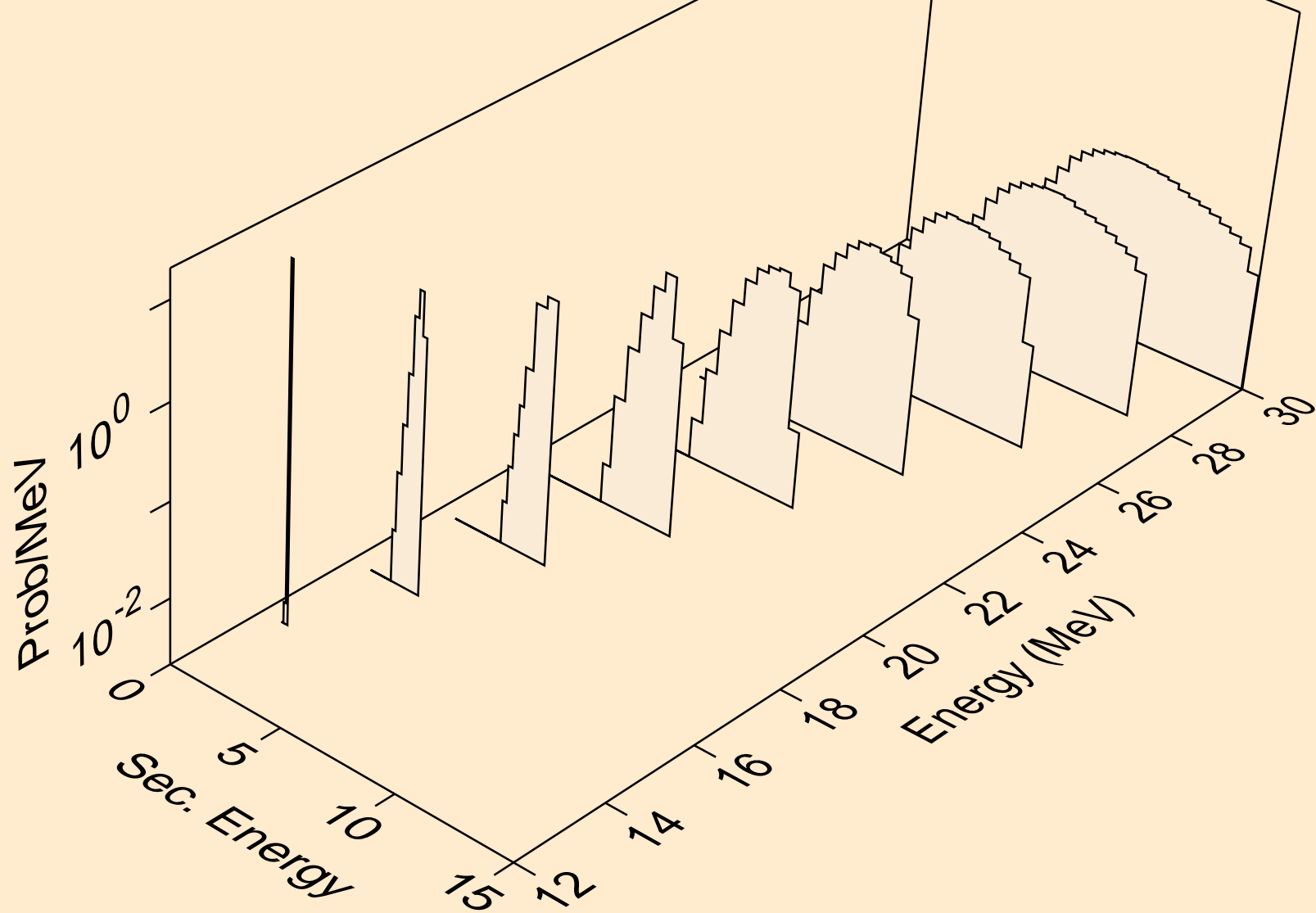
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



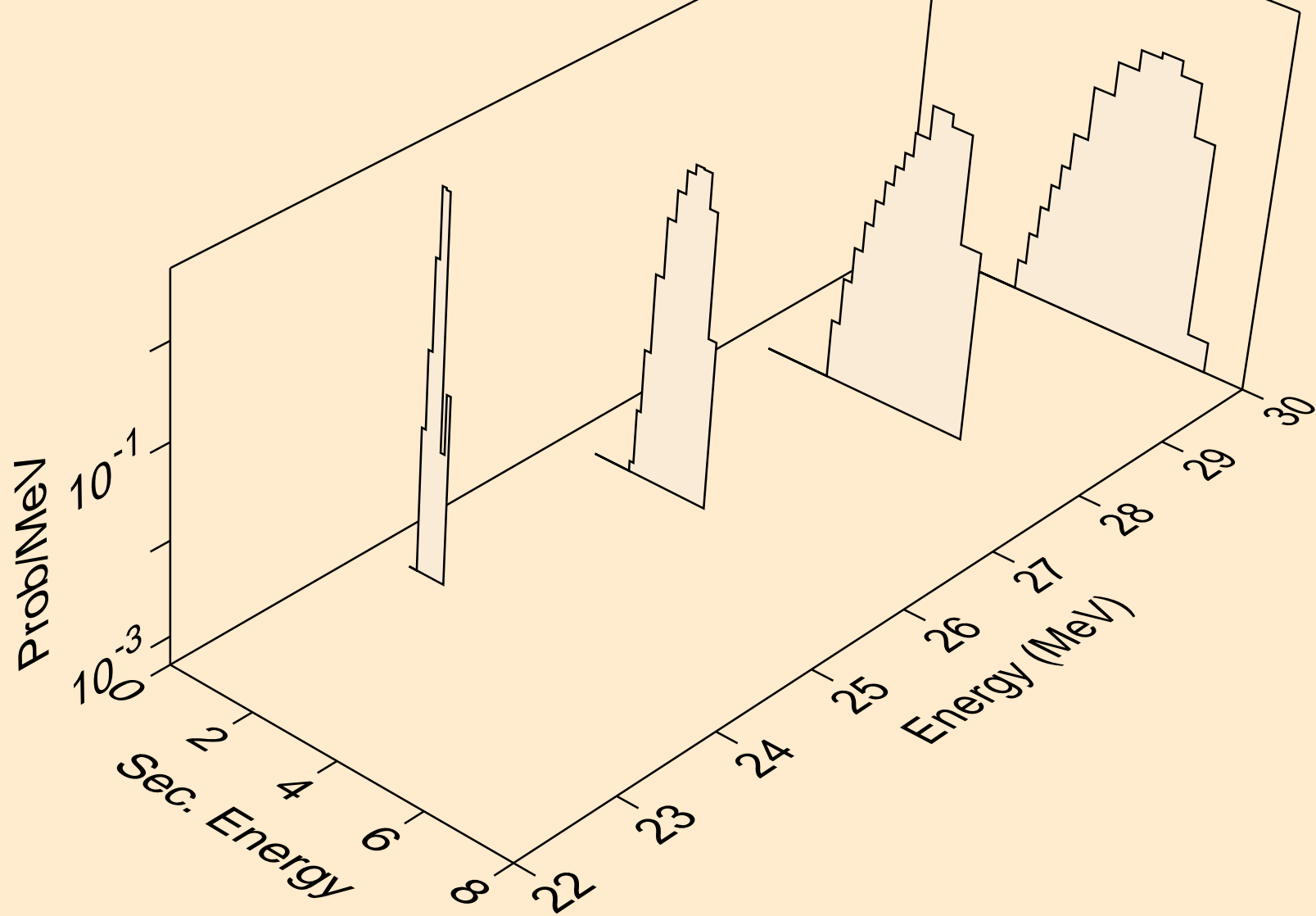
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



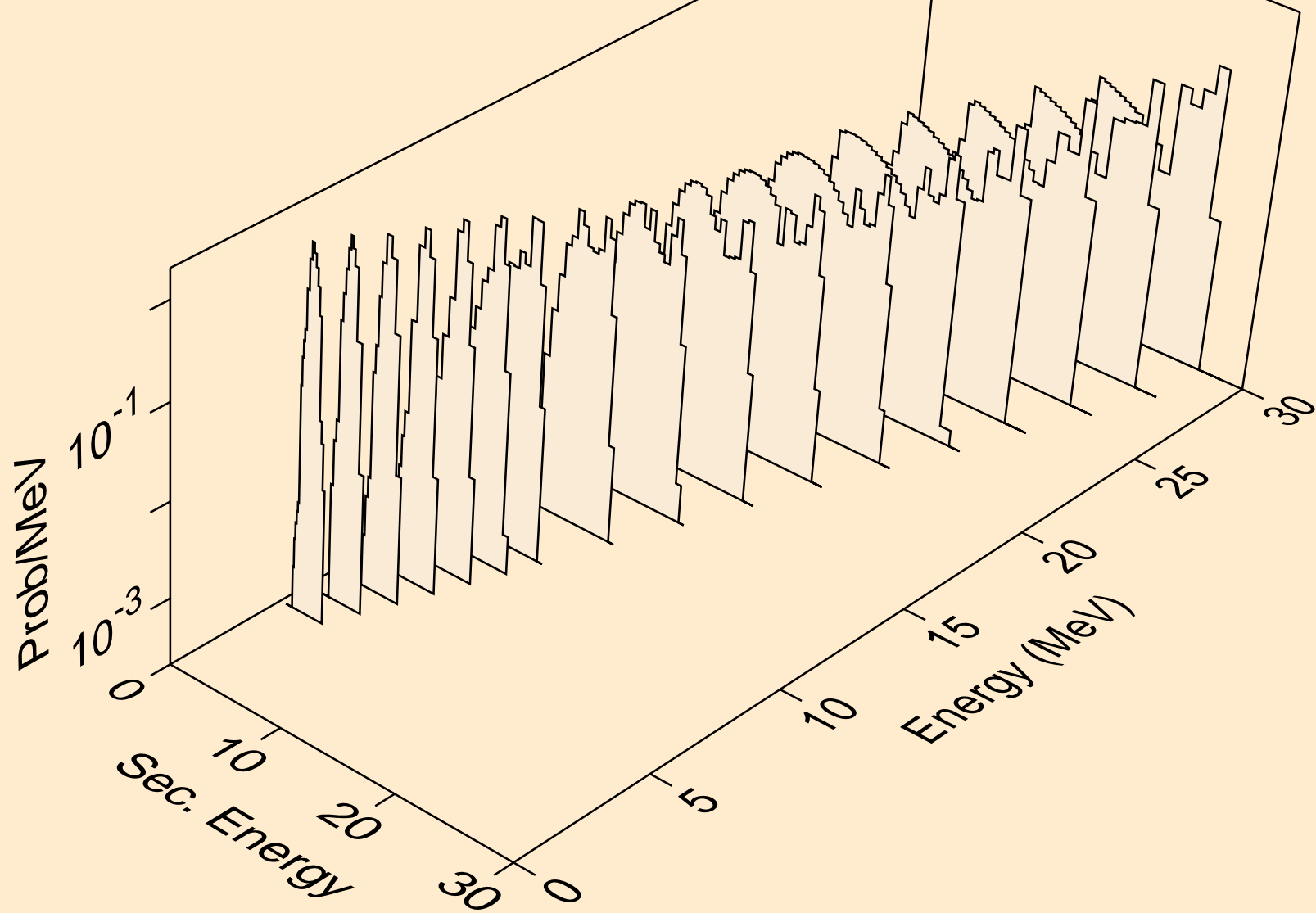
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



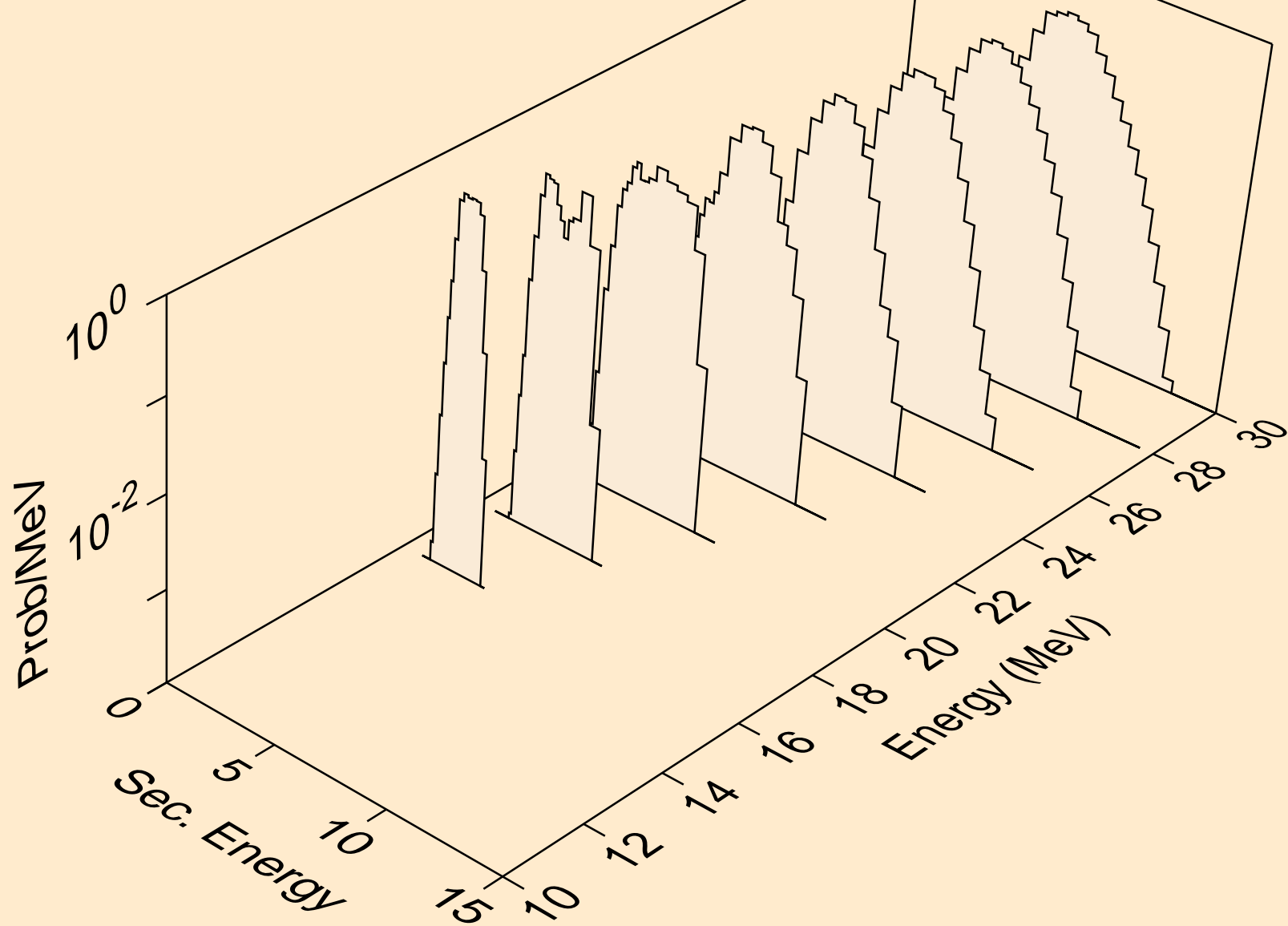
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



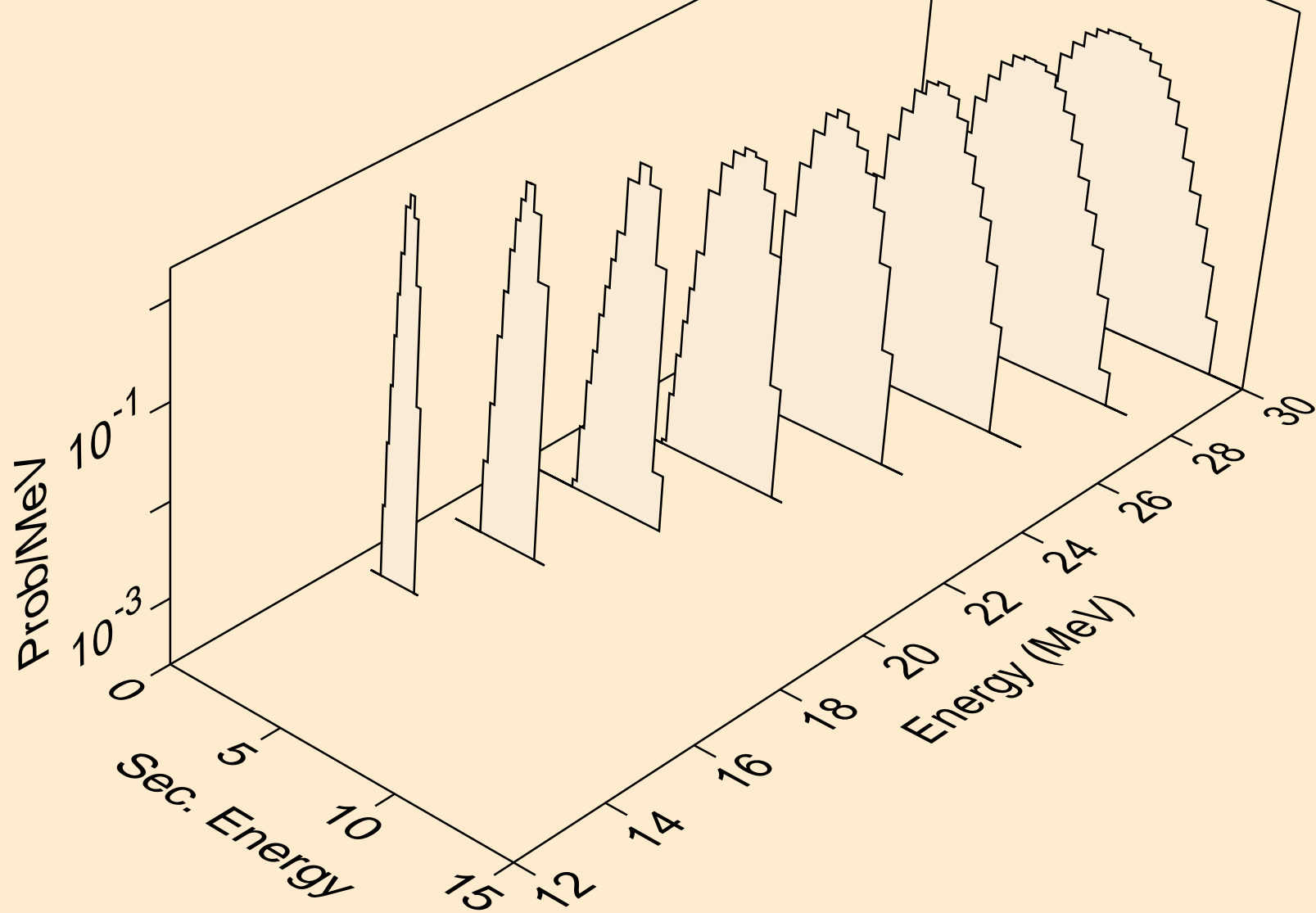
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



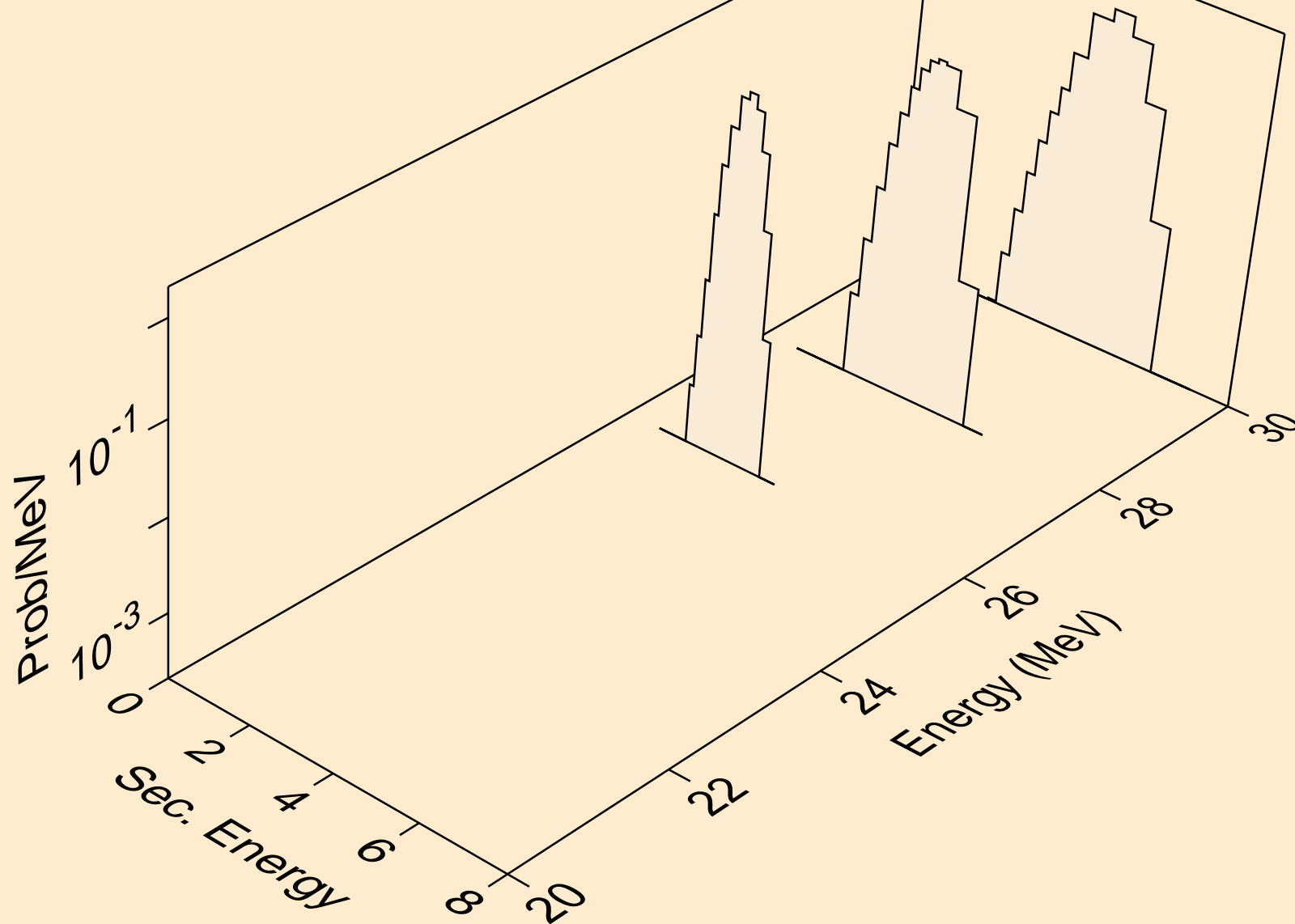
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

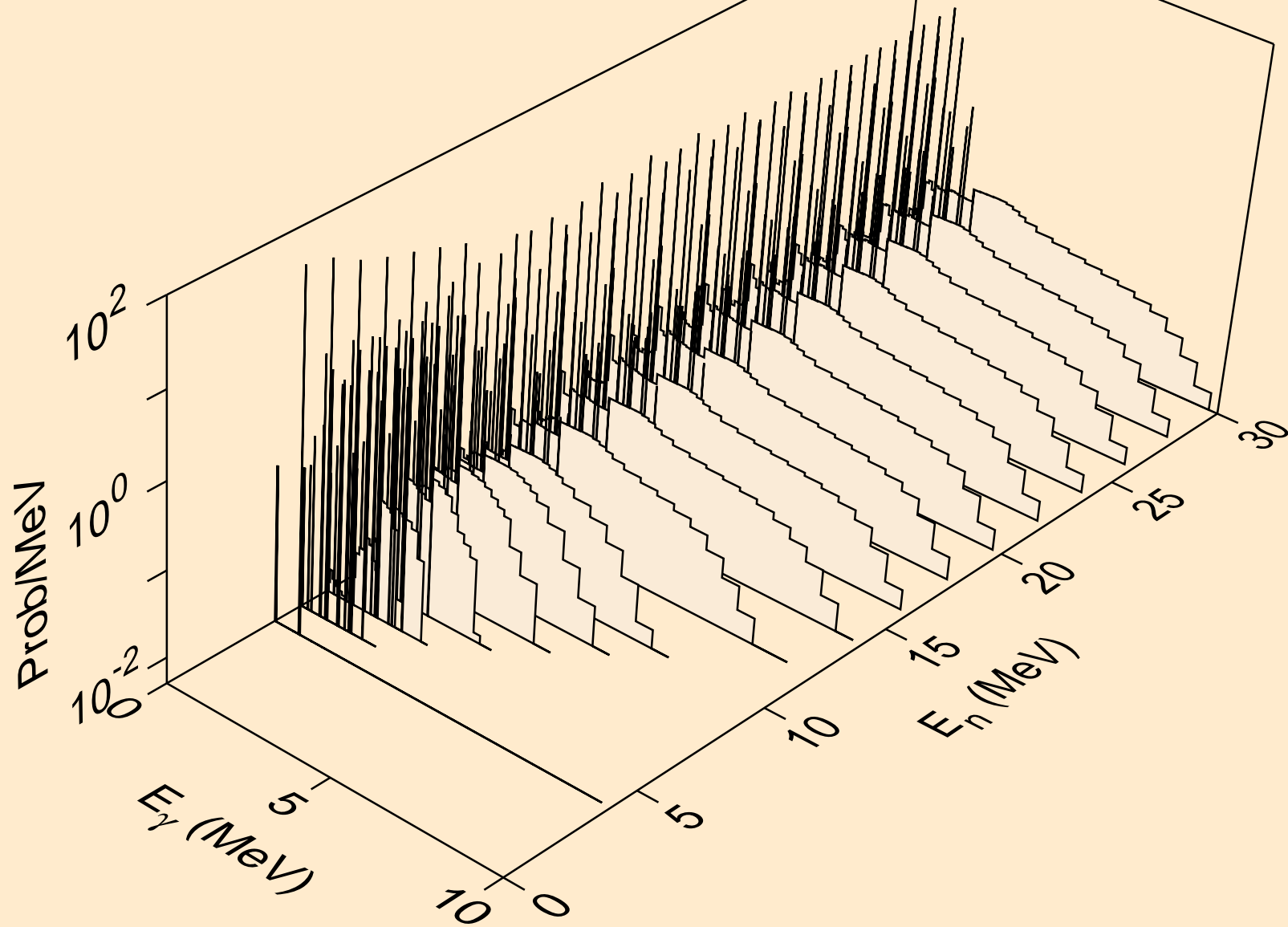


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

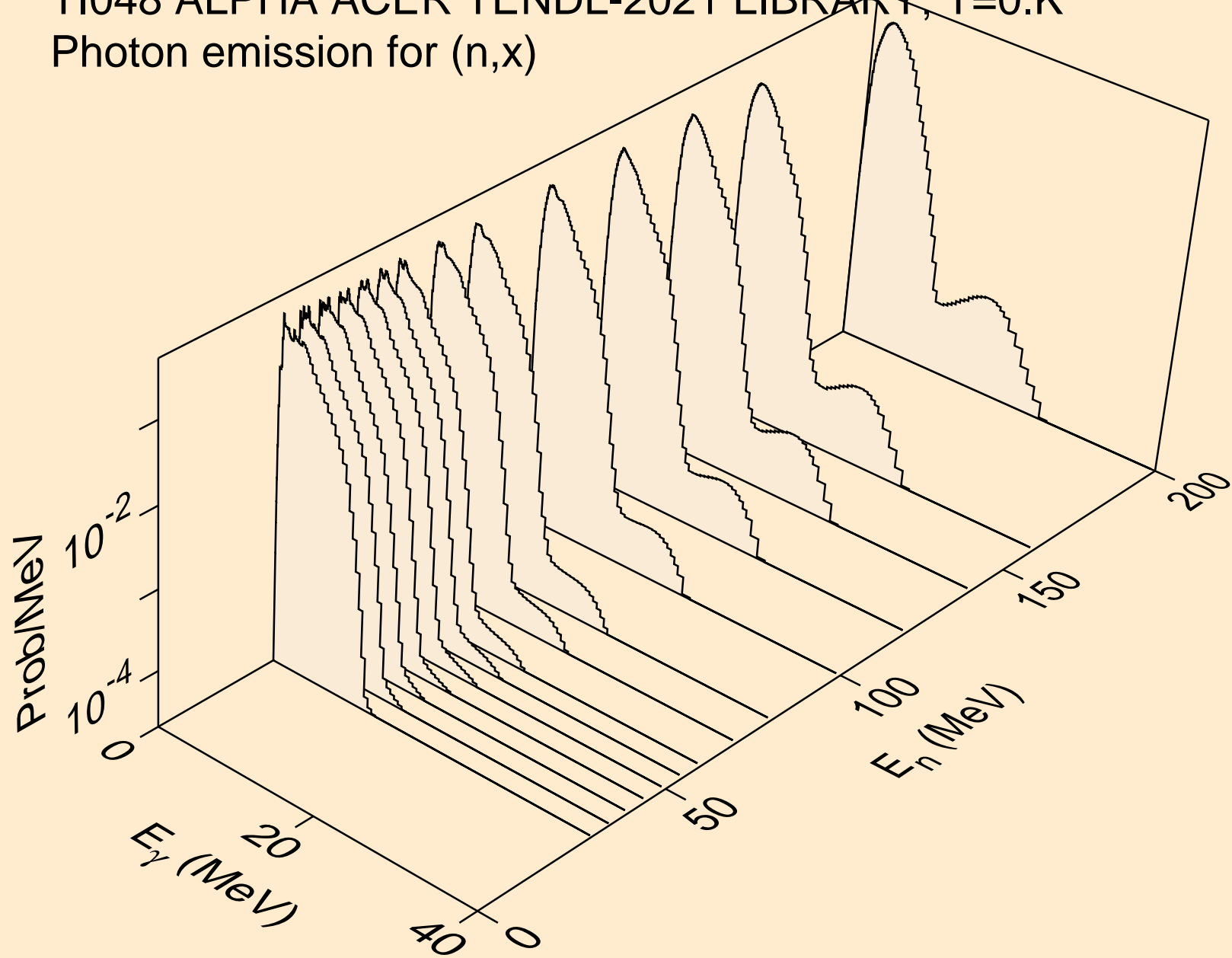




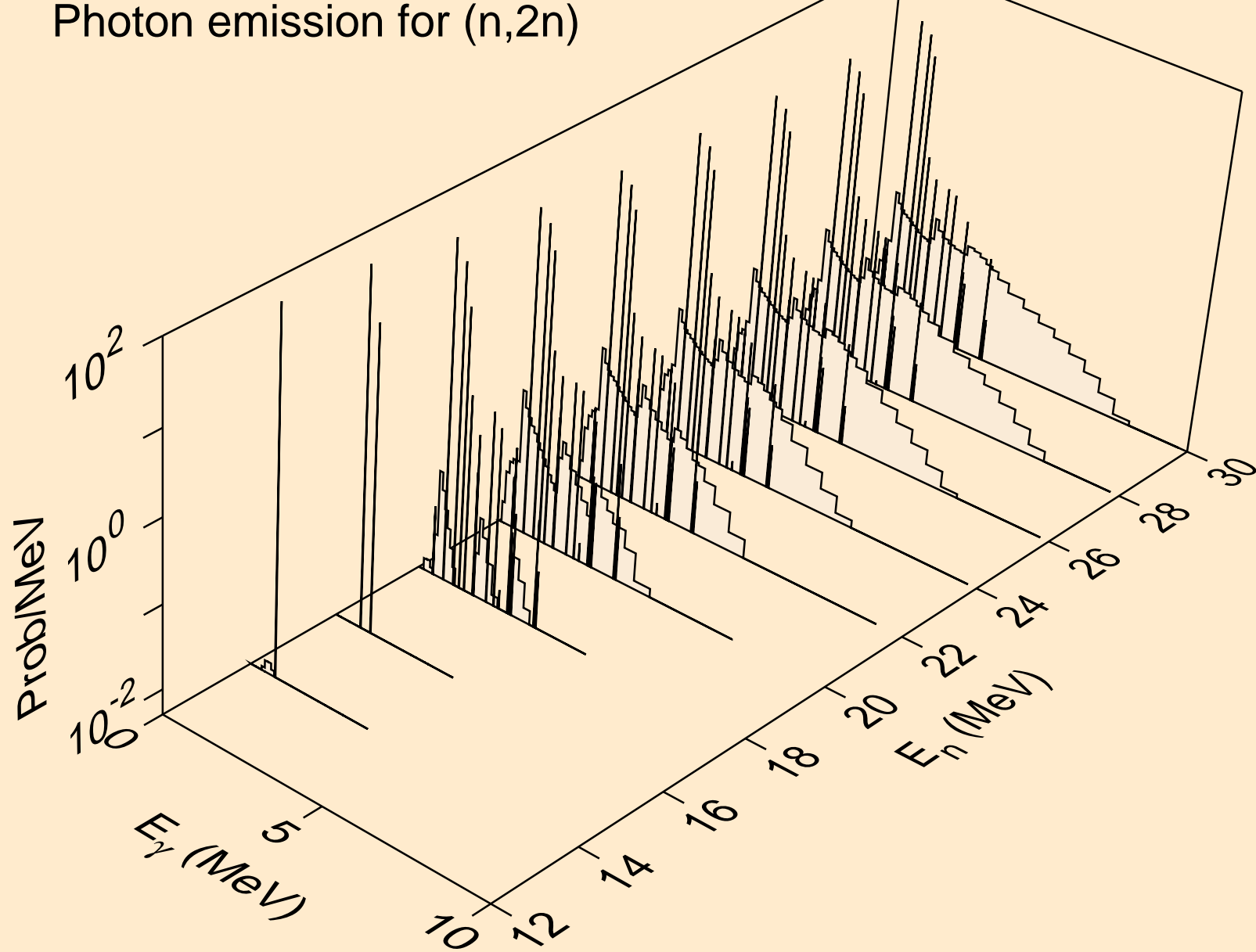
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Photon emission for (z,n)



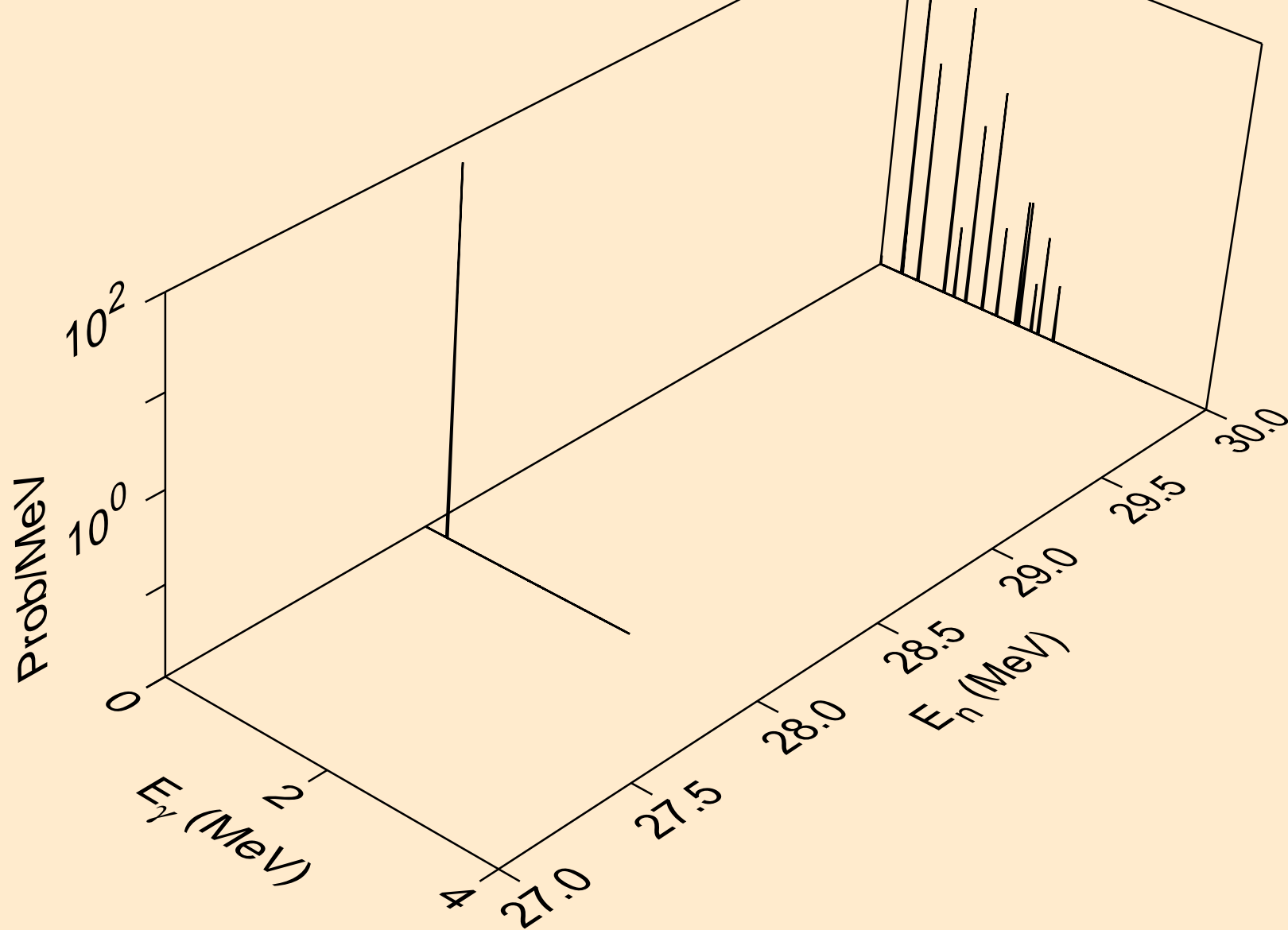
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



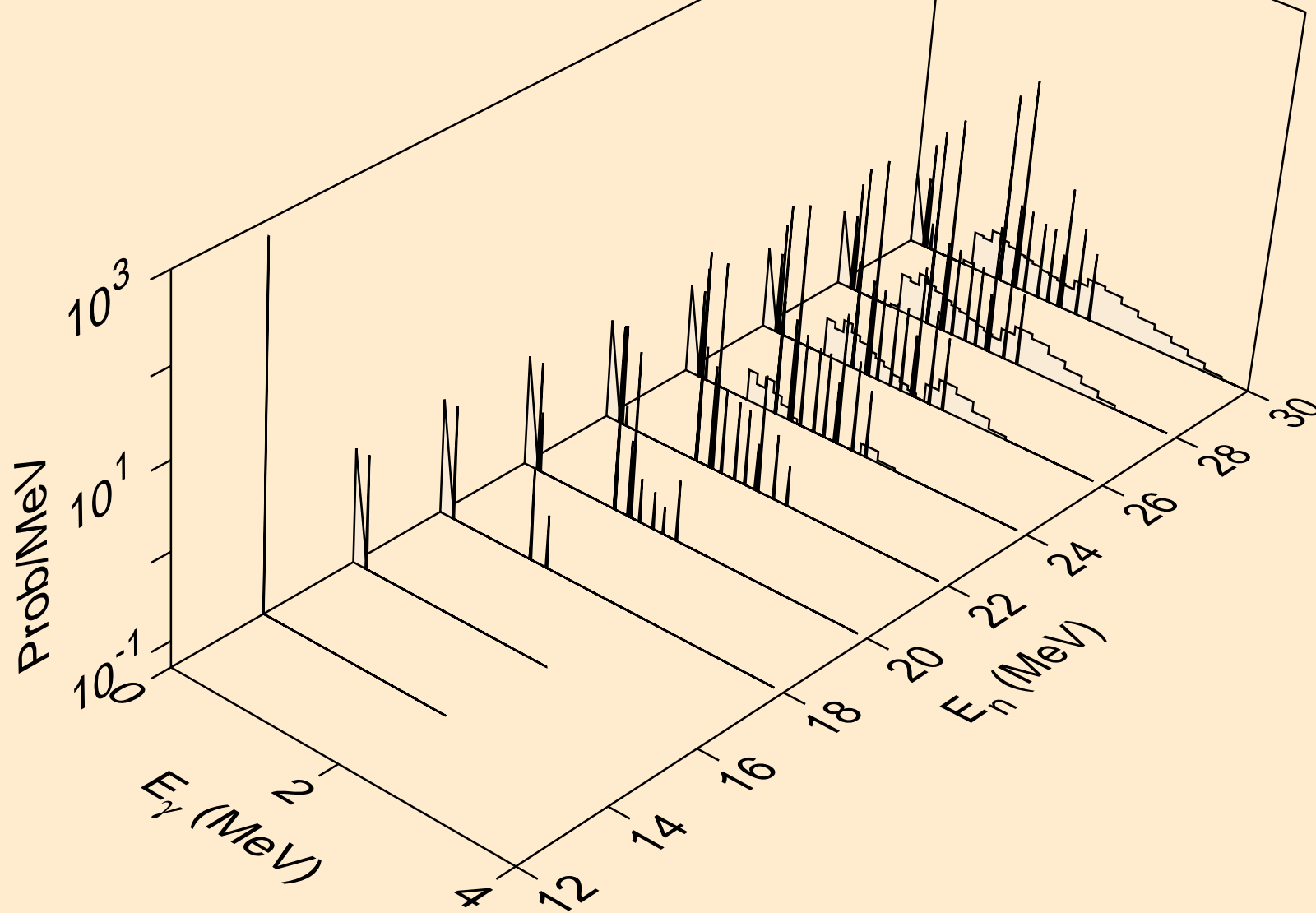
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



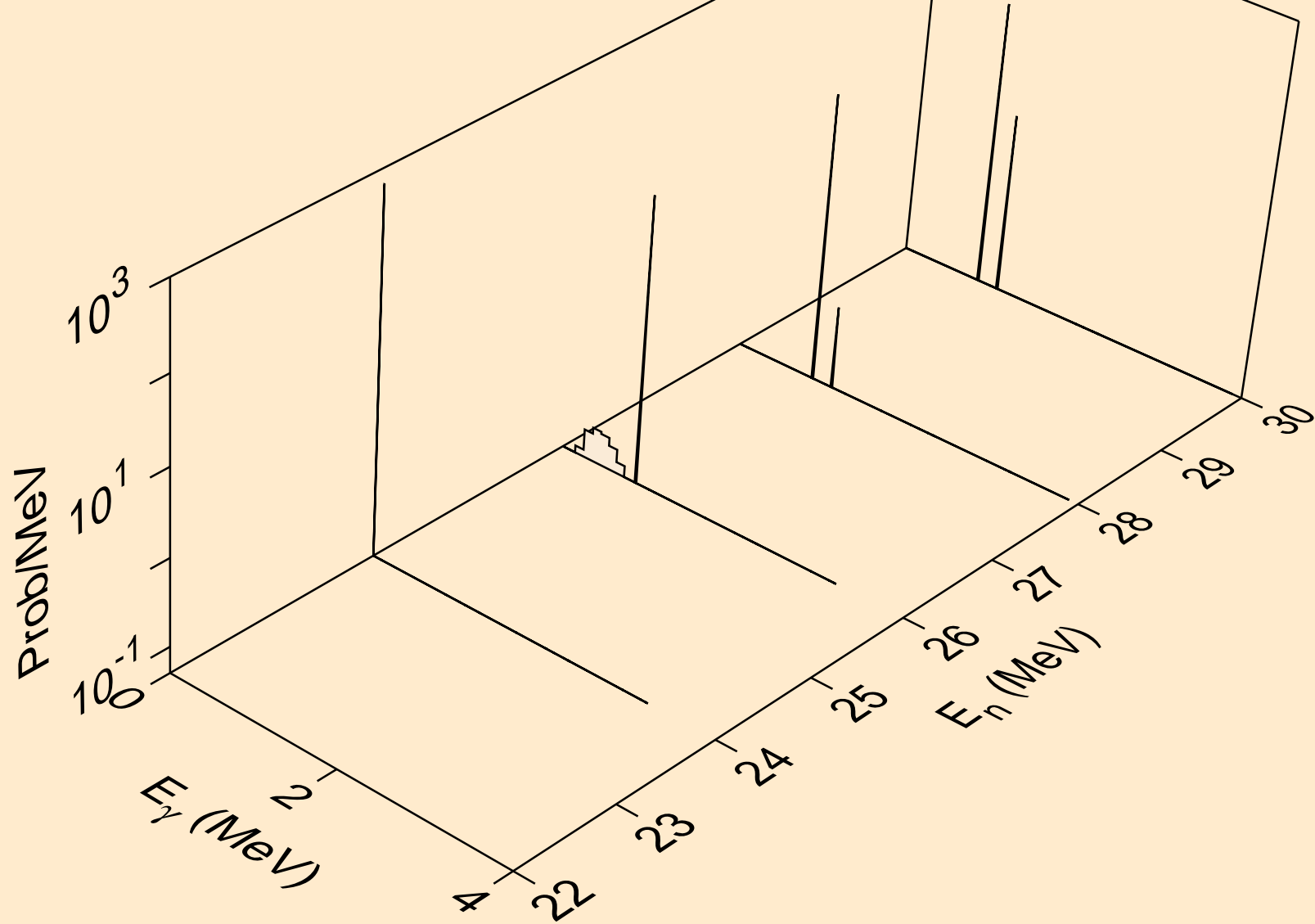
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



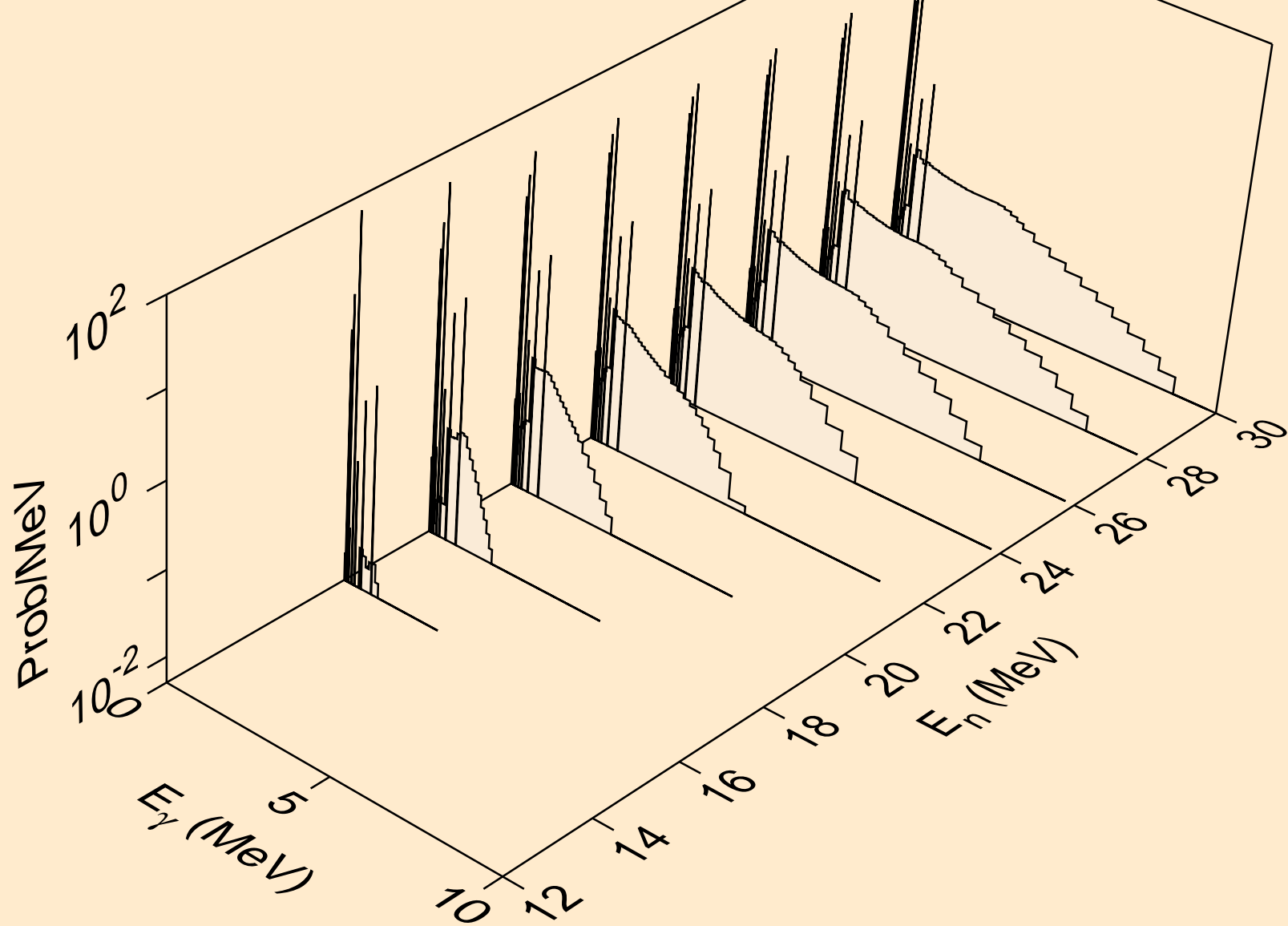
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



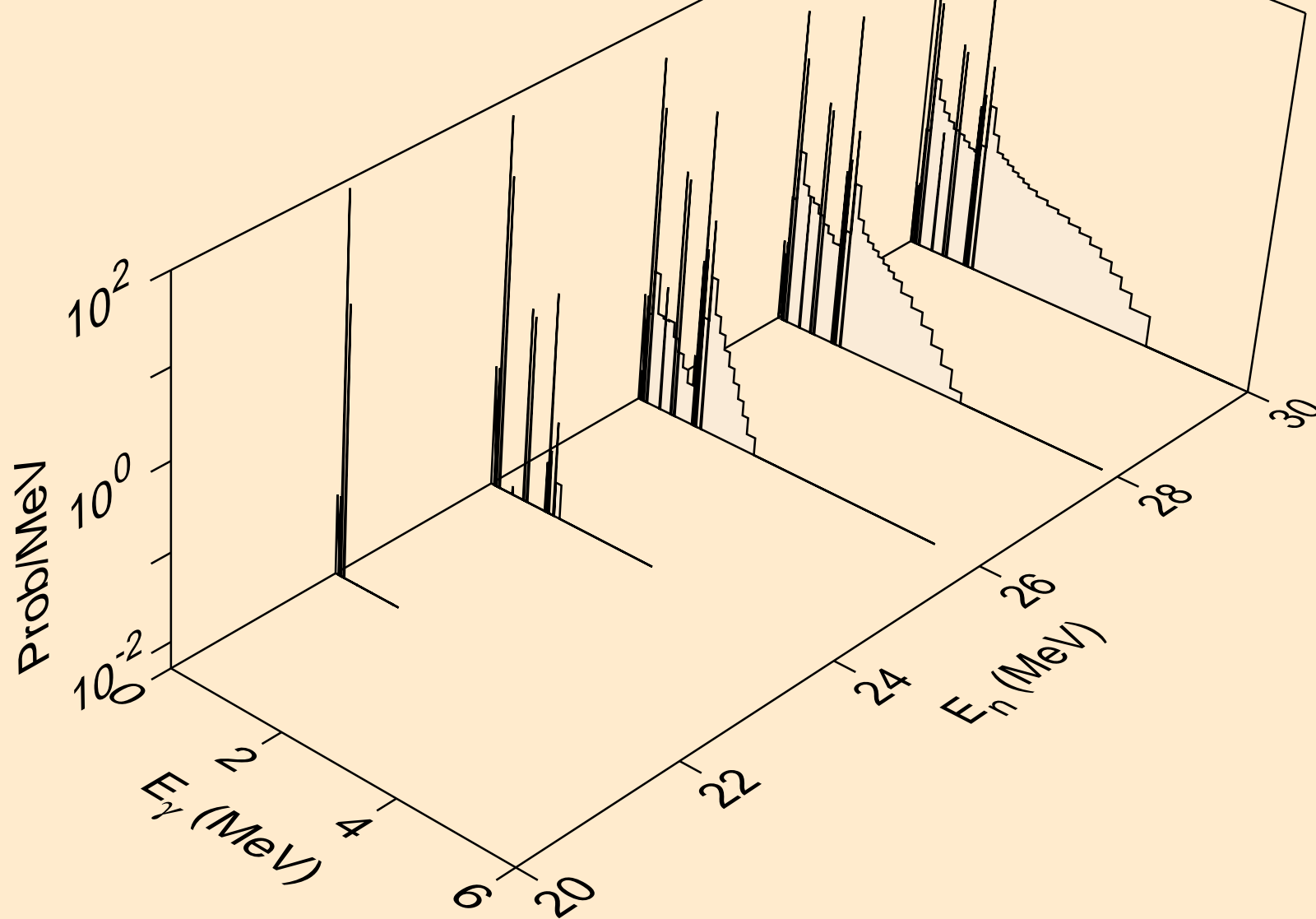
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

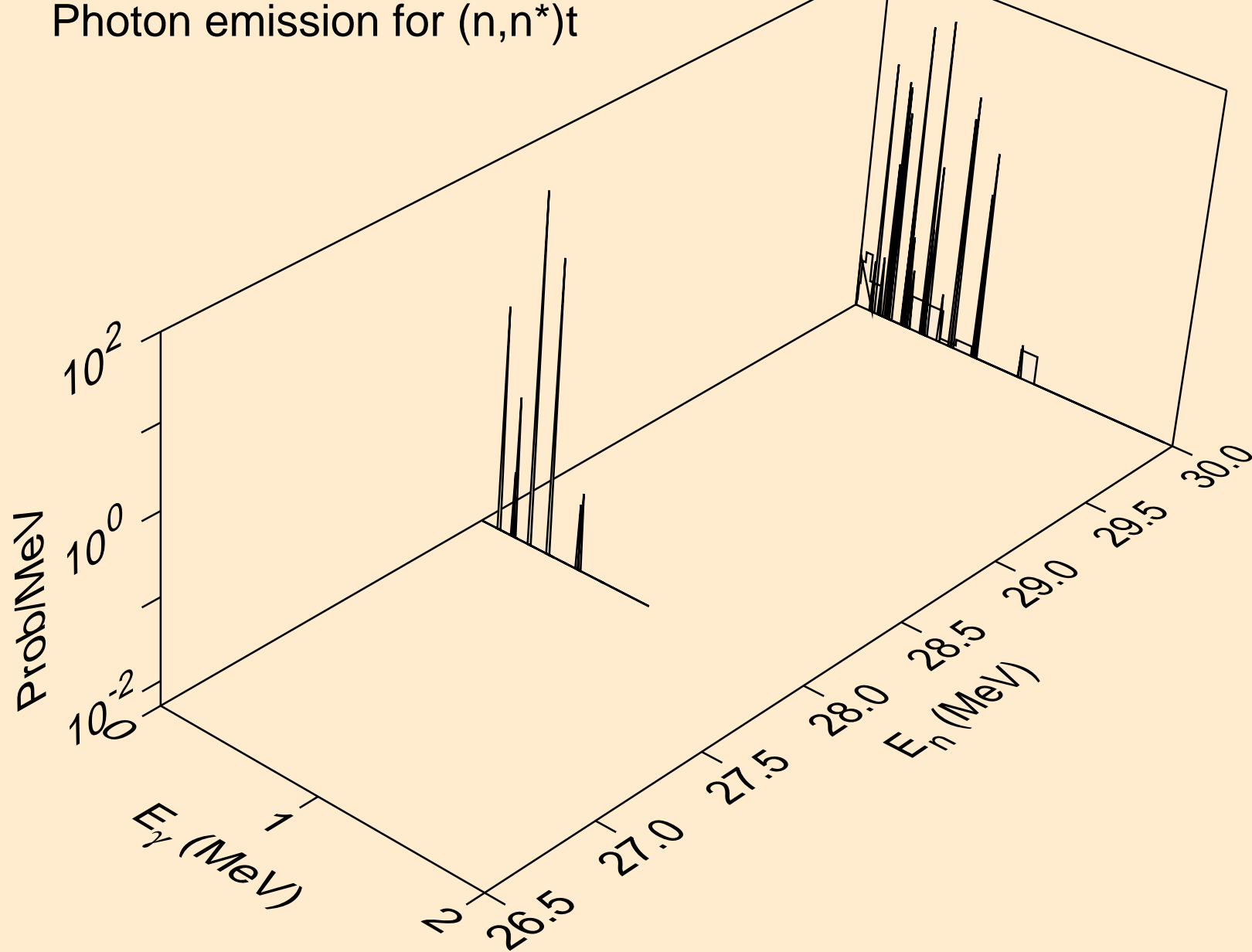


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

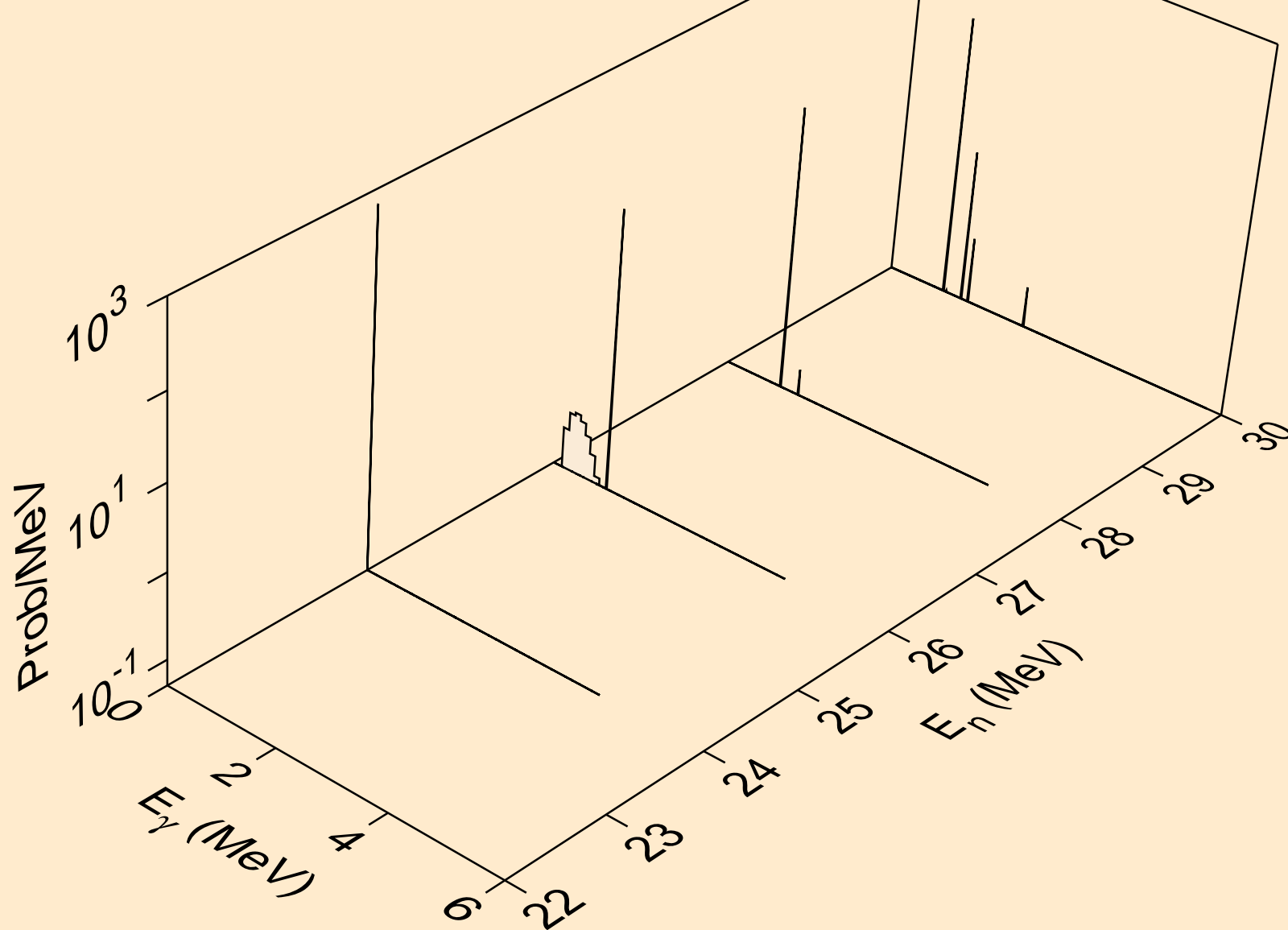




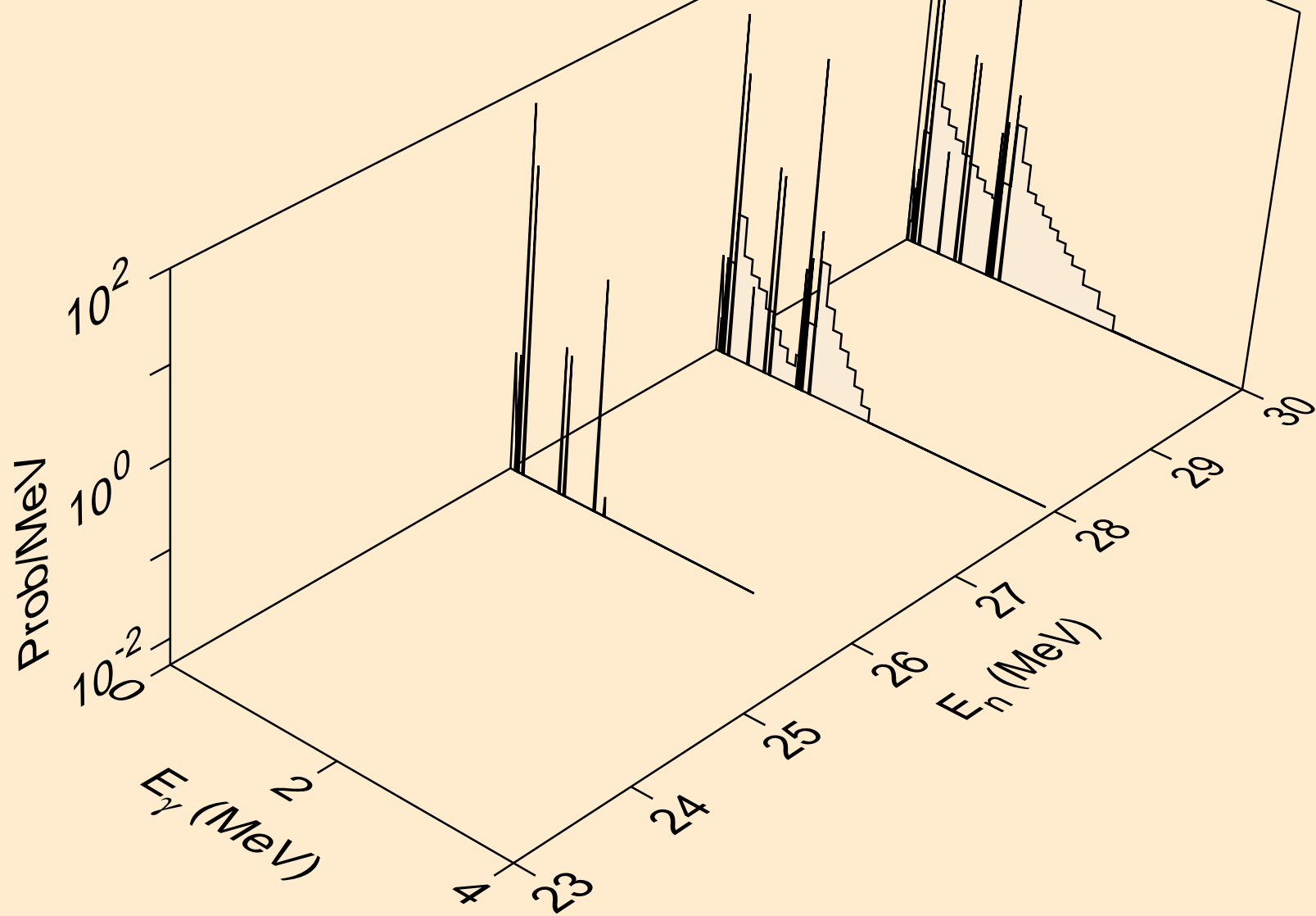
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



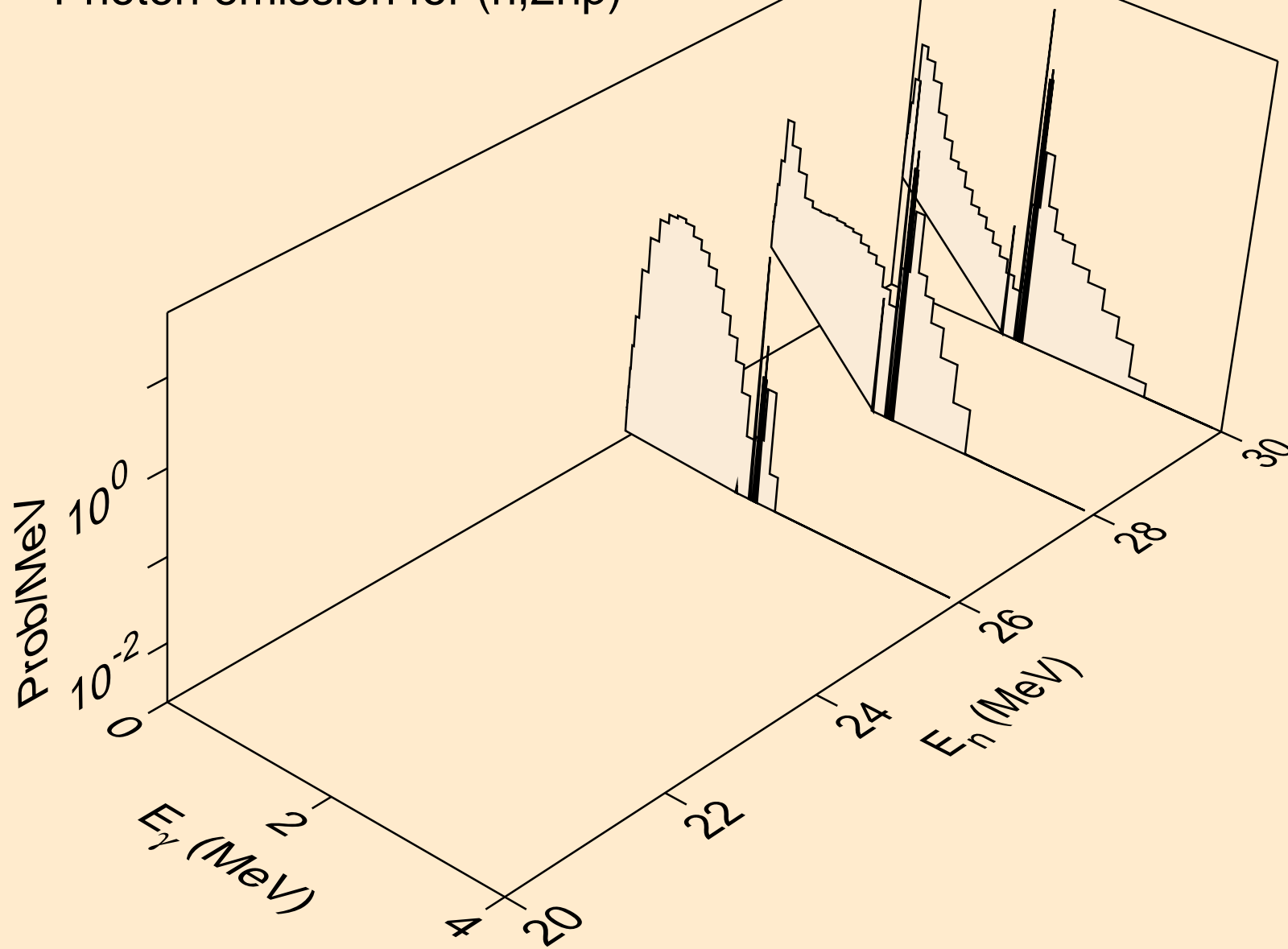
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



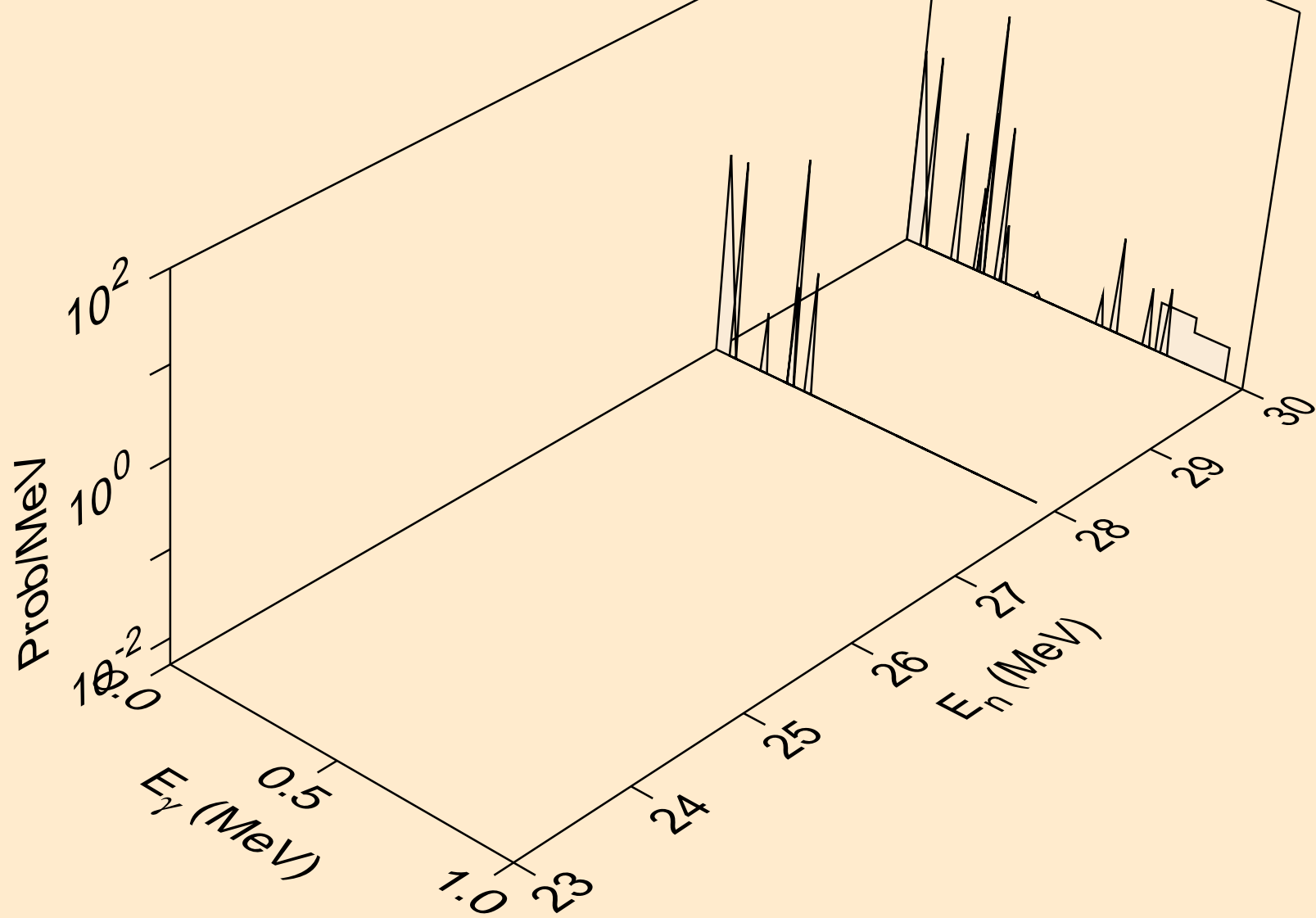
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



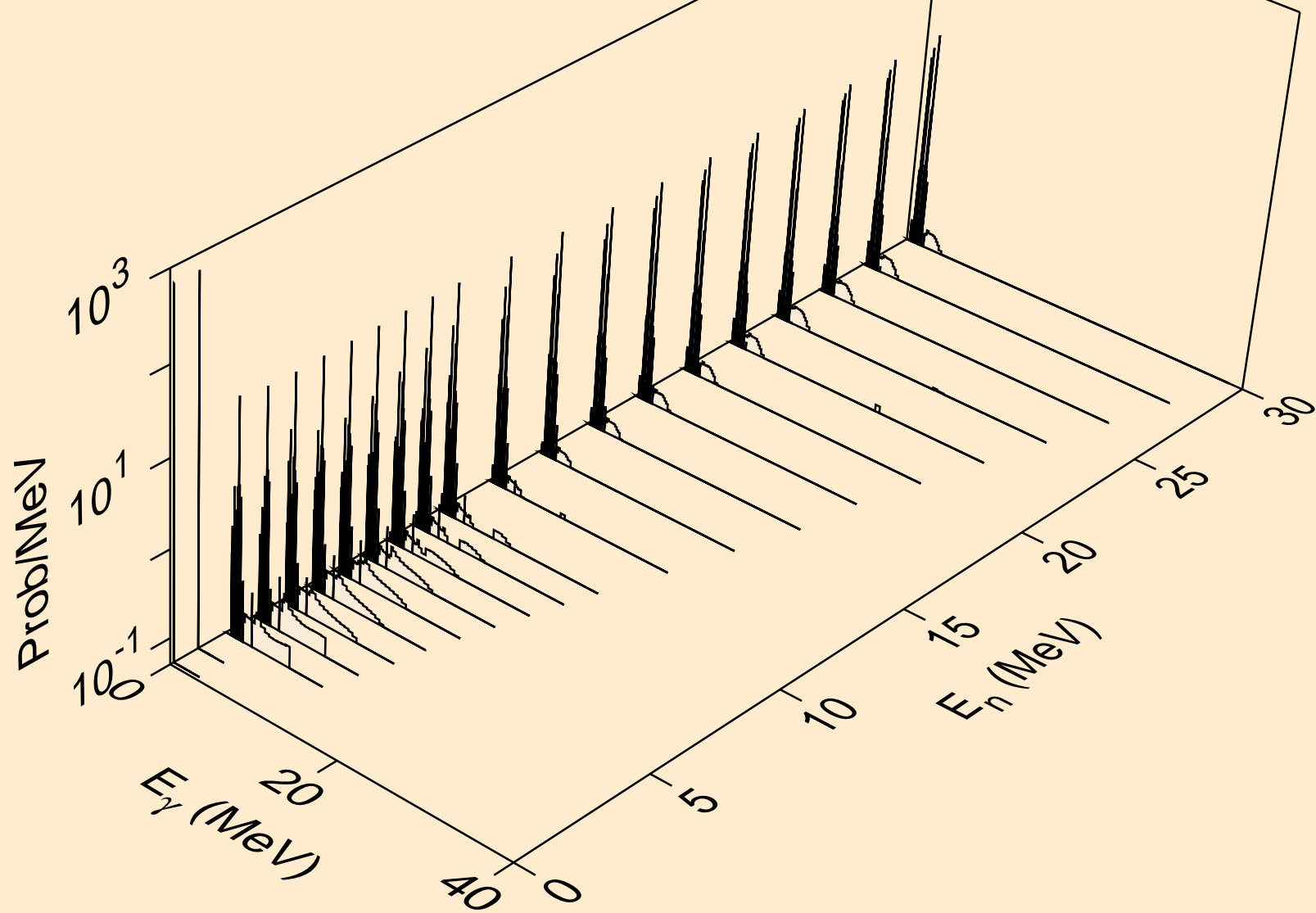
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



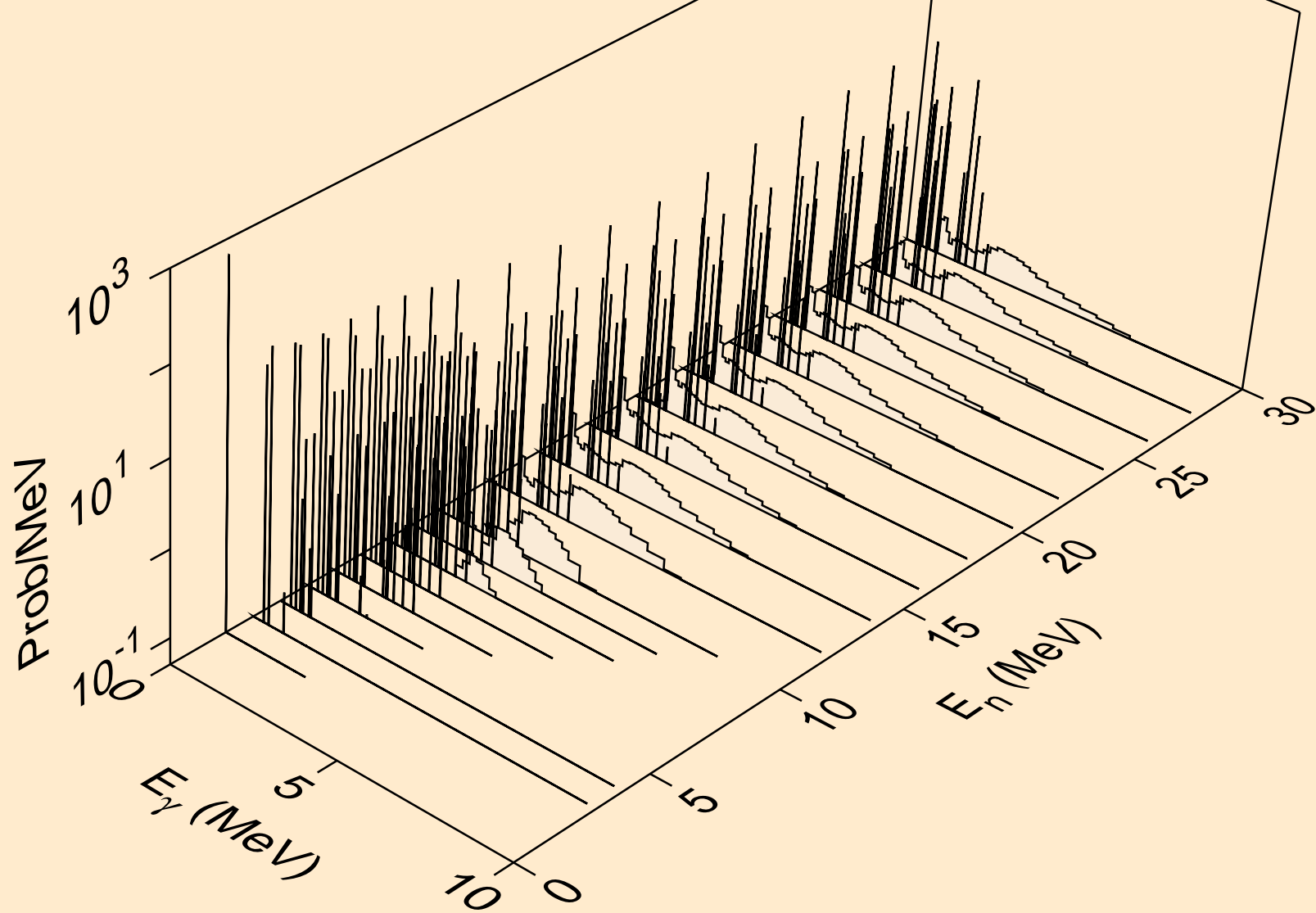
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Photon emission for (n,npa)



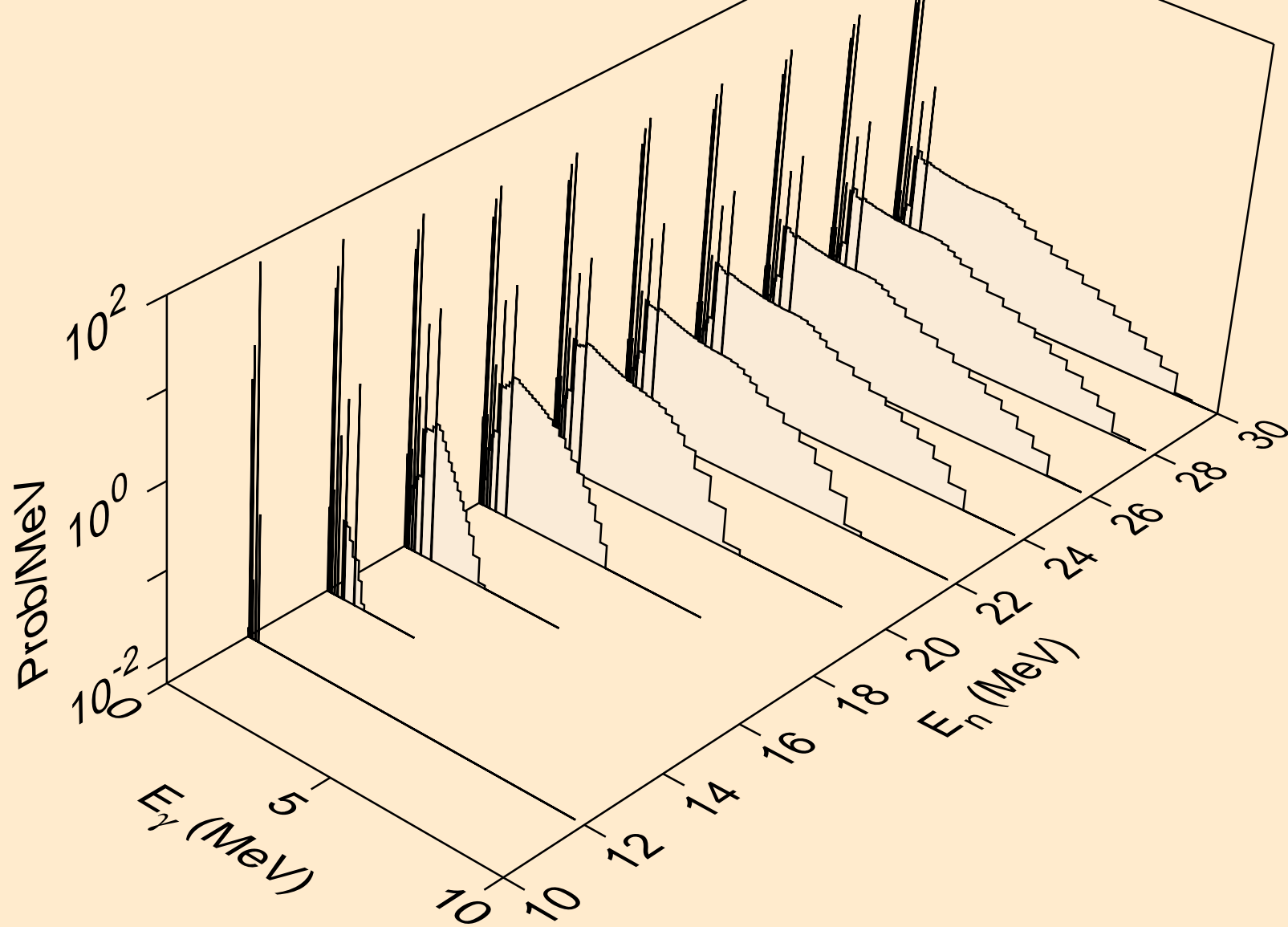
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

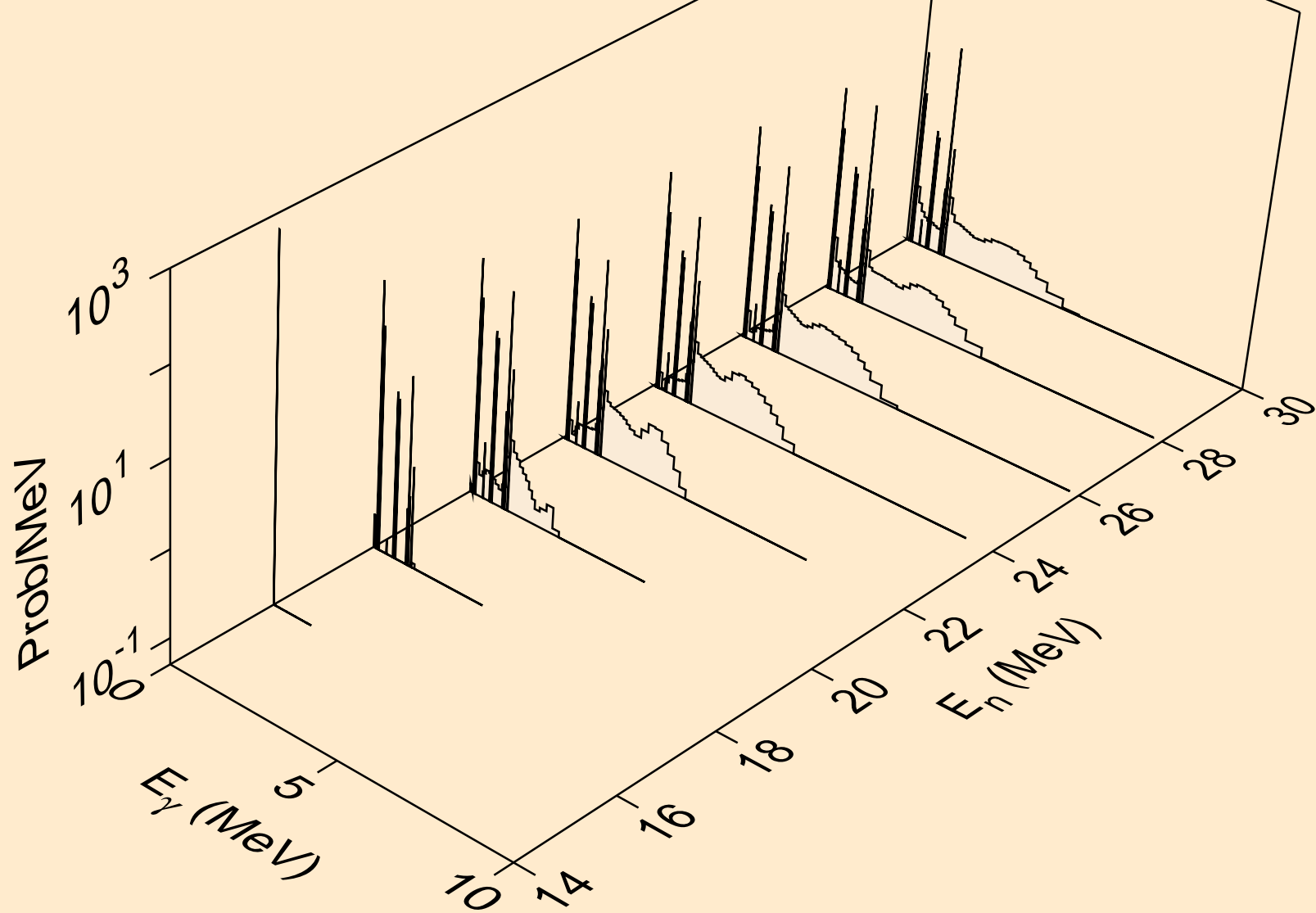


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

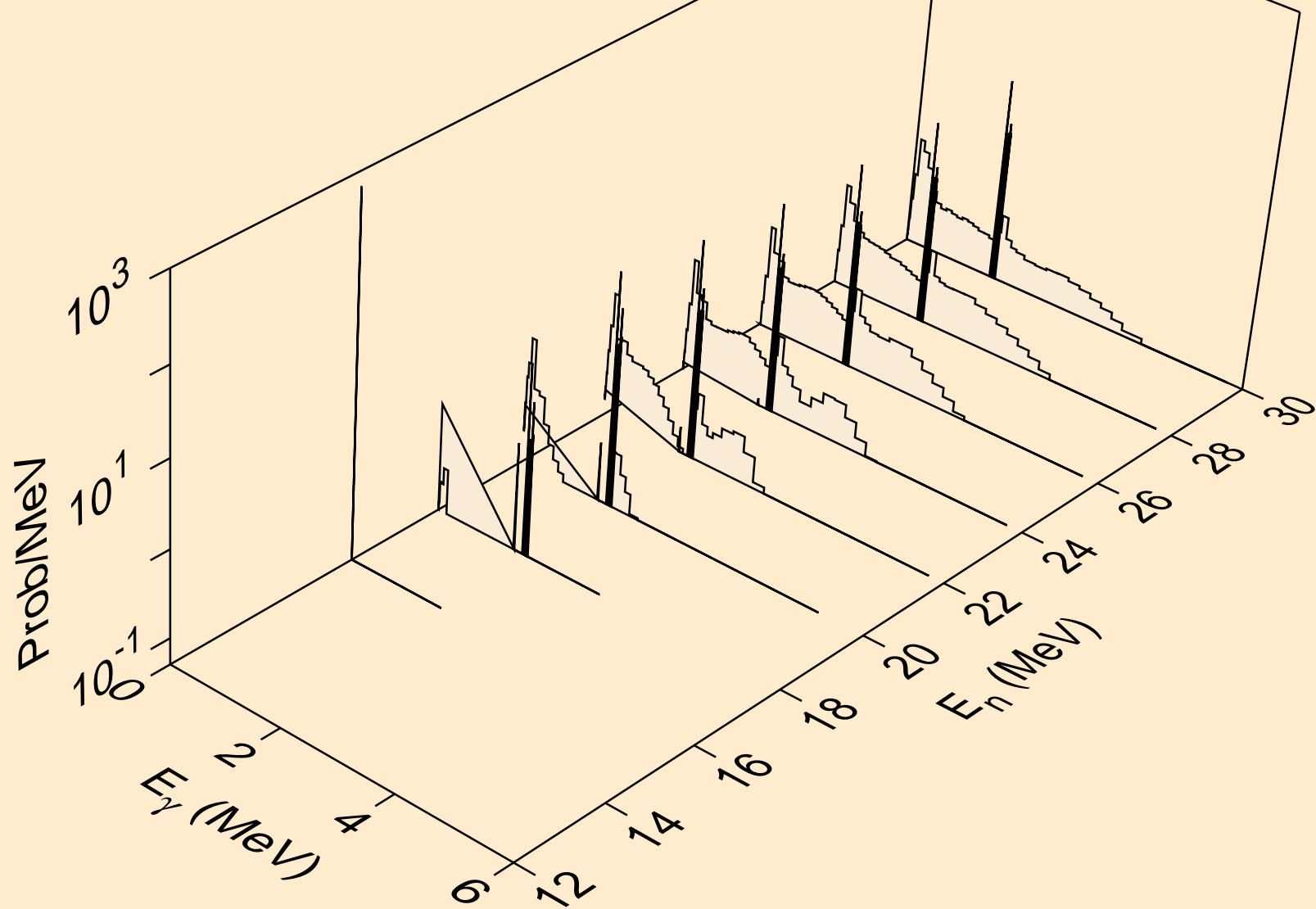




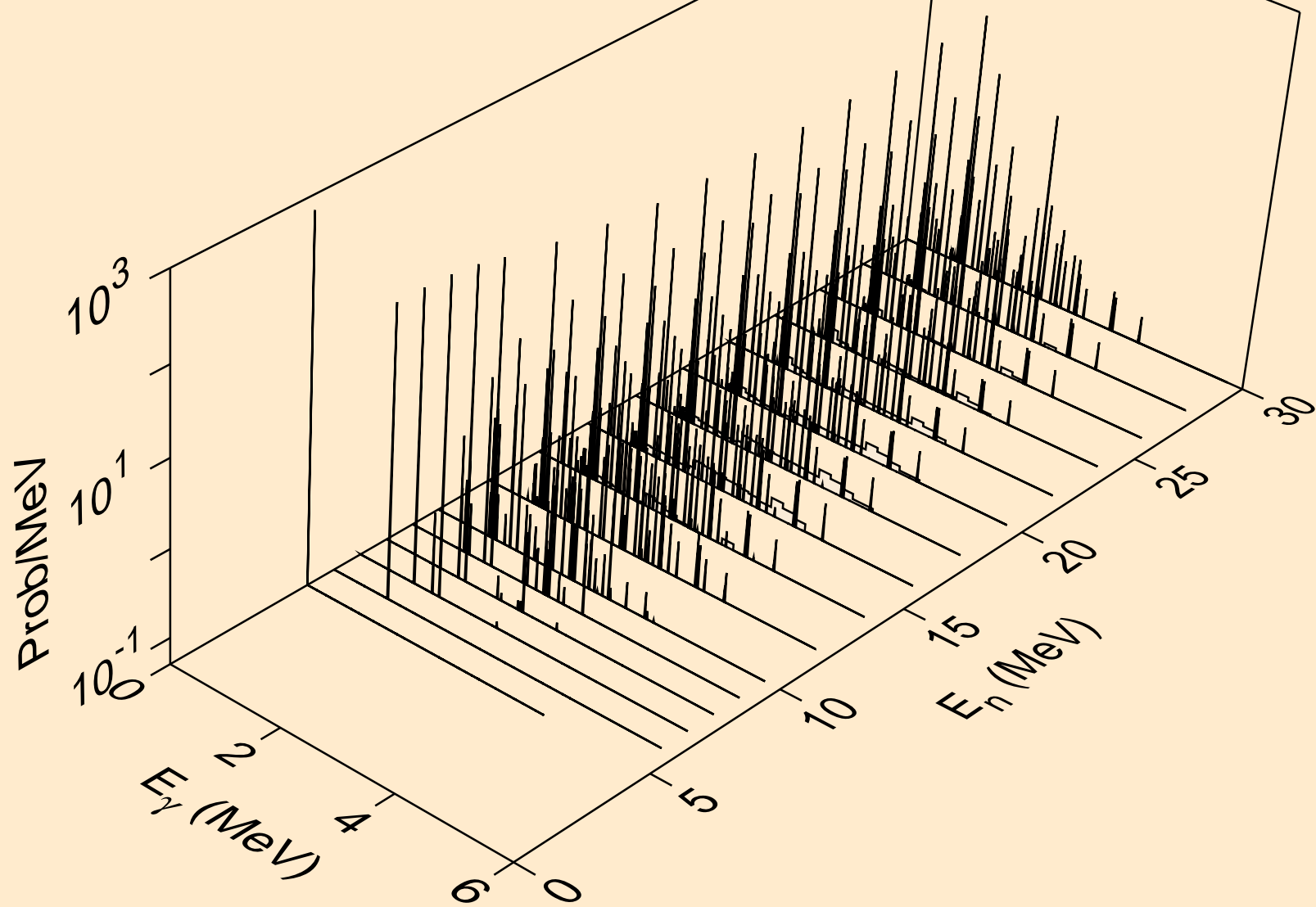
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Photon emission for (n,t)



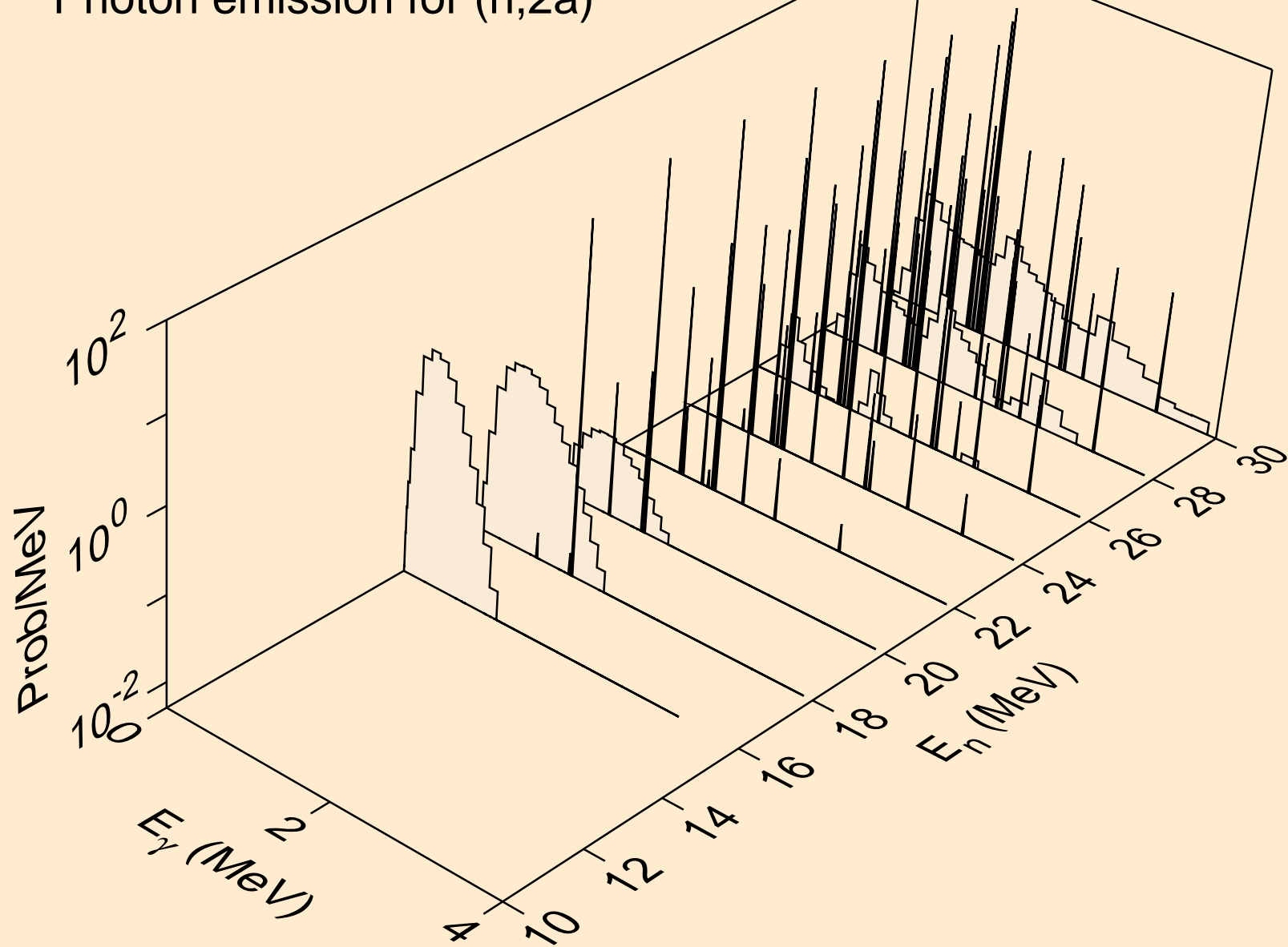
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Photon emission for (n,he3)



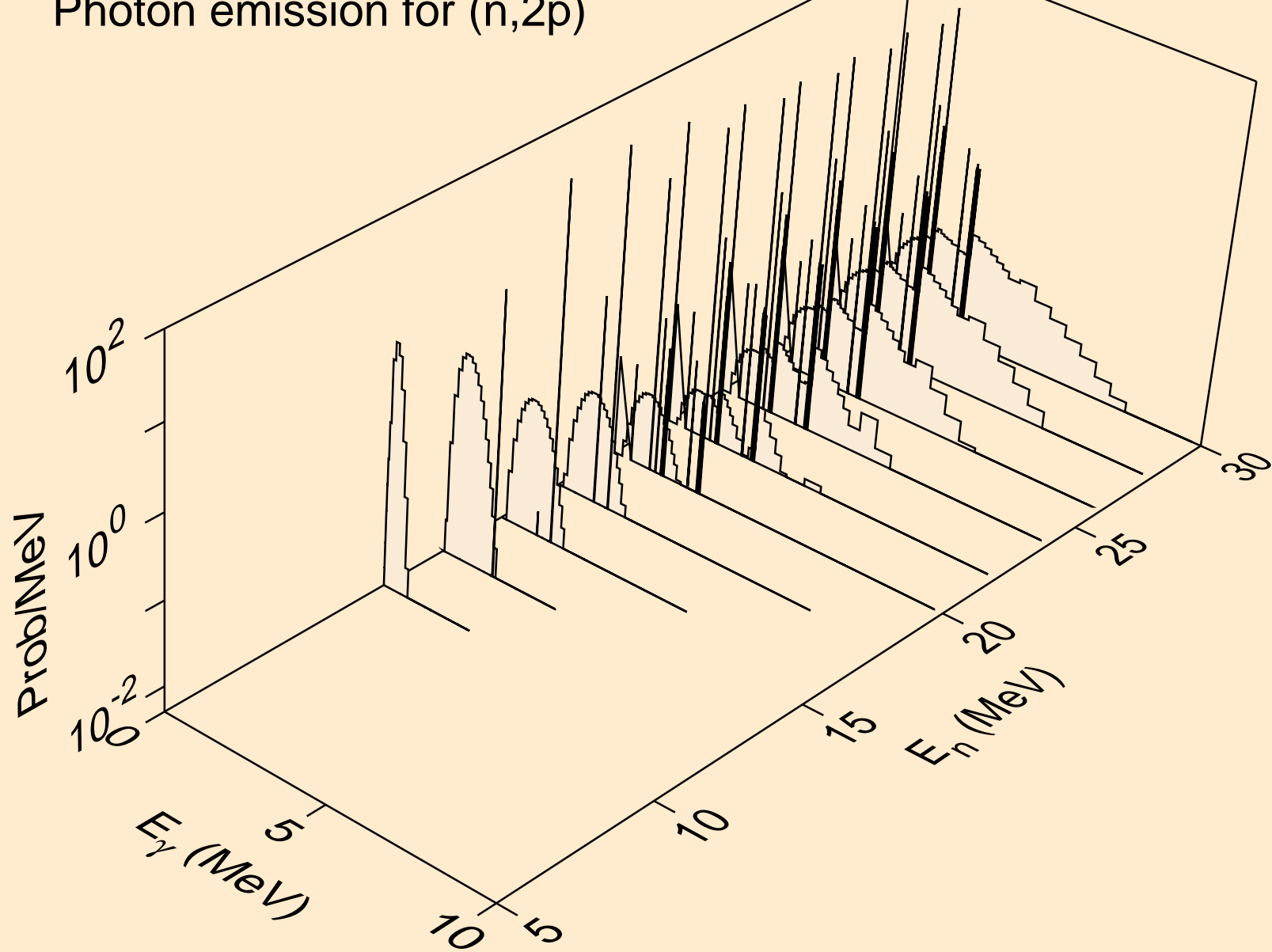
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



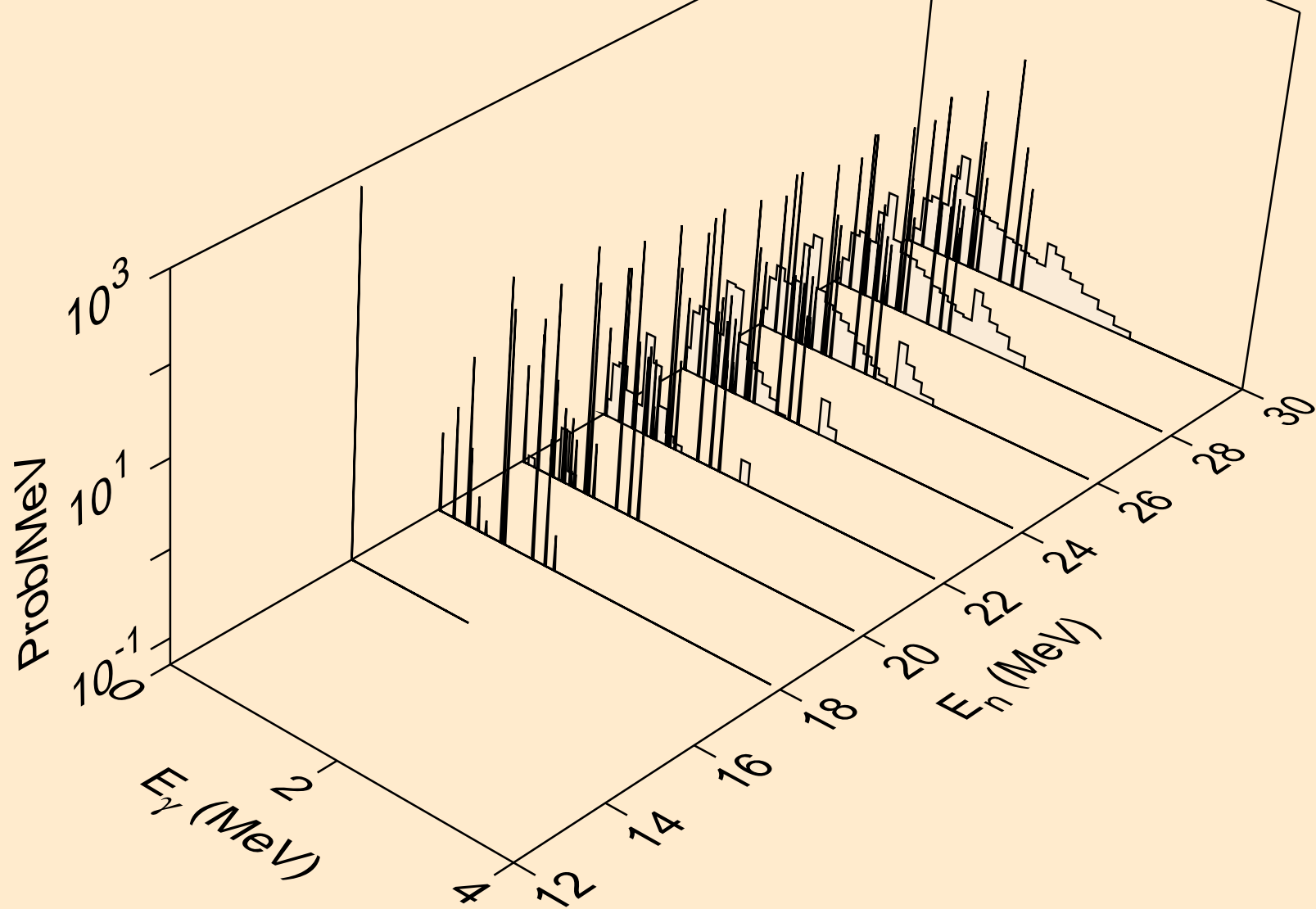
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Photon emission for (n,2a)



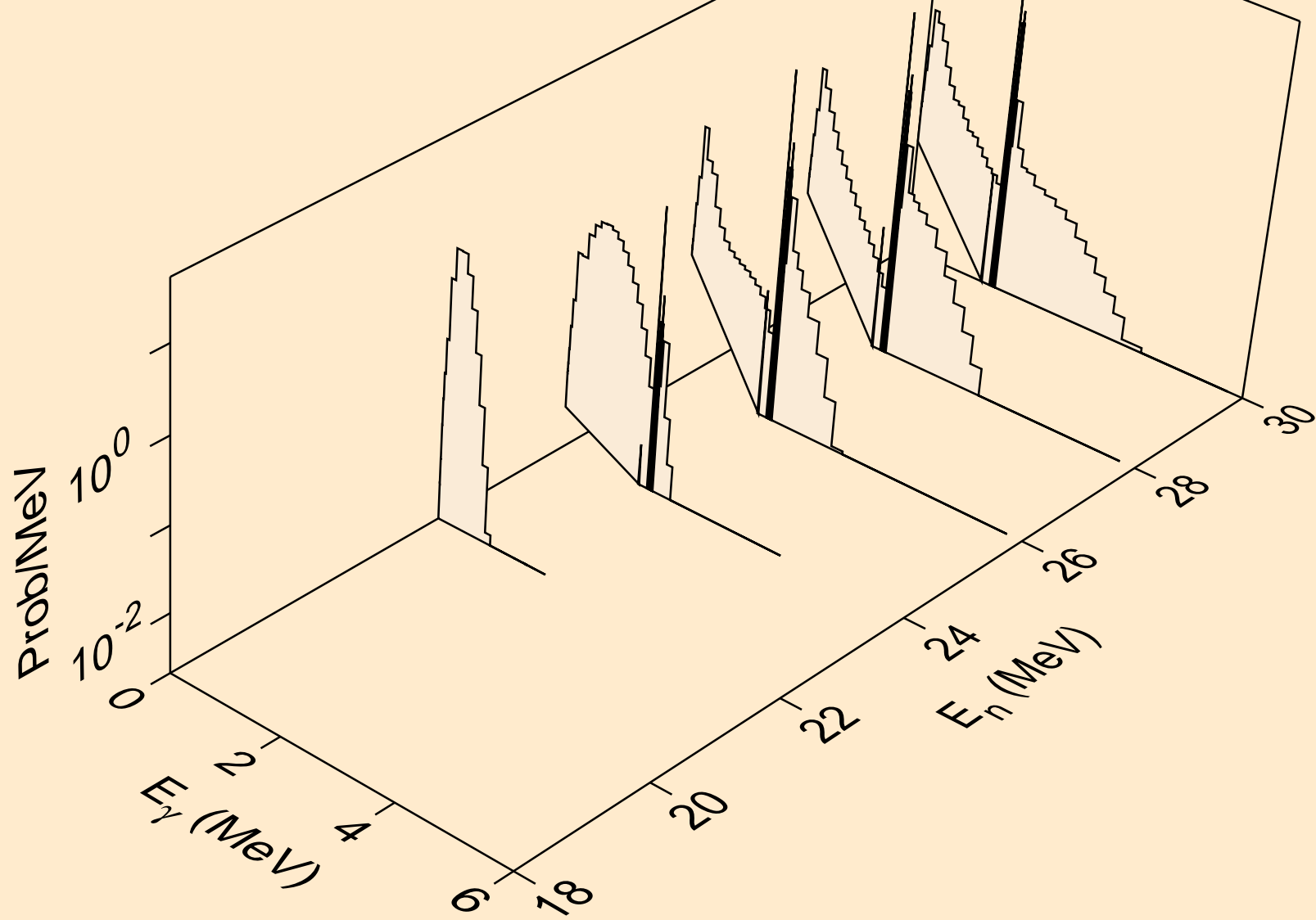
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Photon emission for (n,2p)



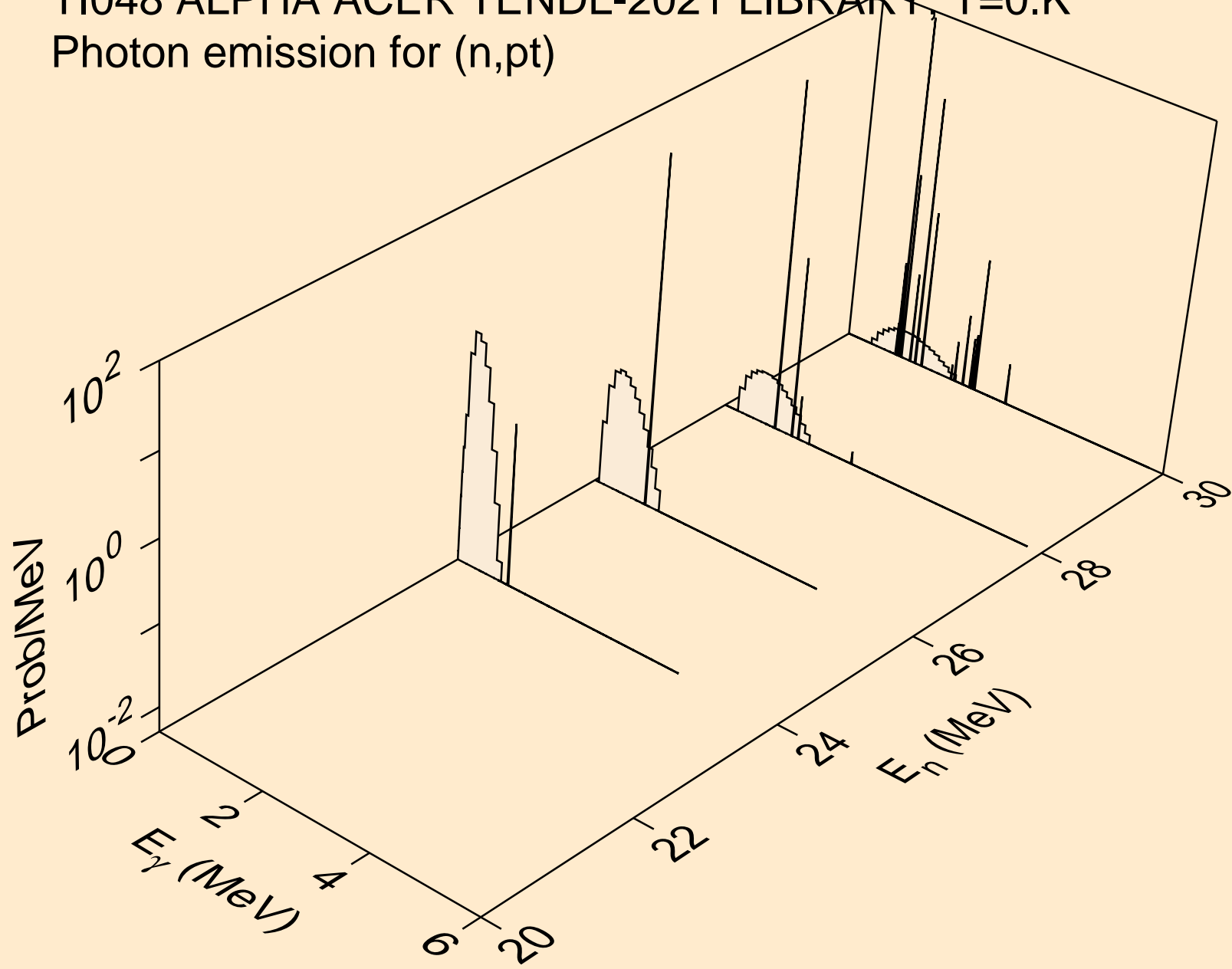
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

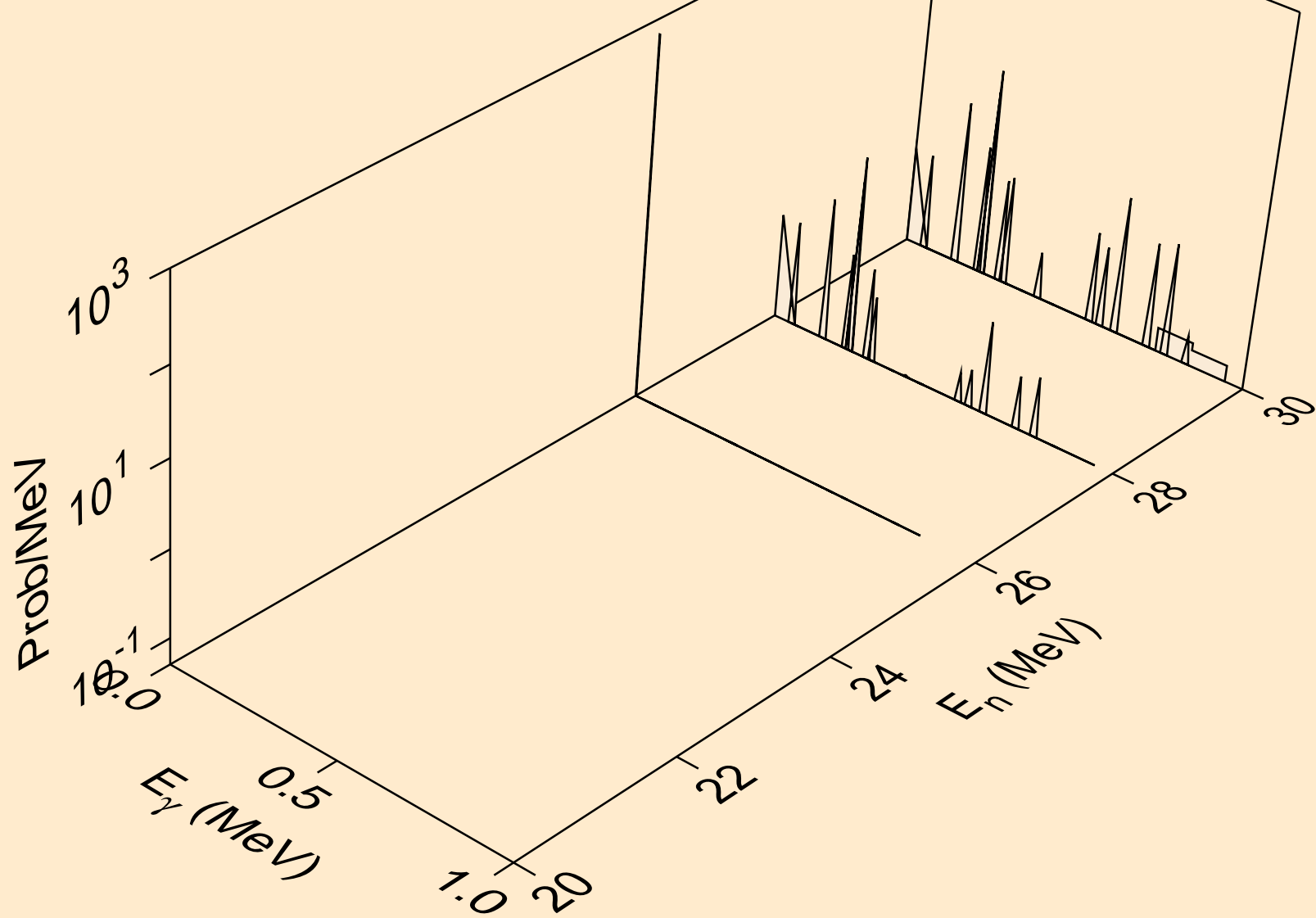


TI048 ALPHA ACER TENDL-2021 LIBRARY · T=0.K  
Photon emission for (n,pt)



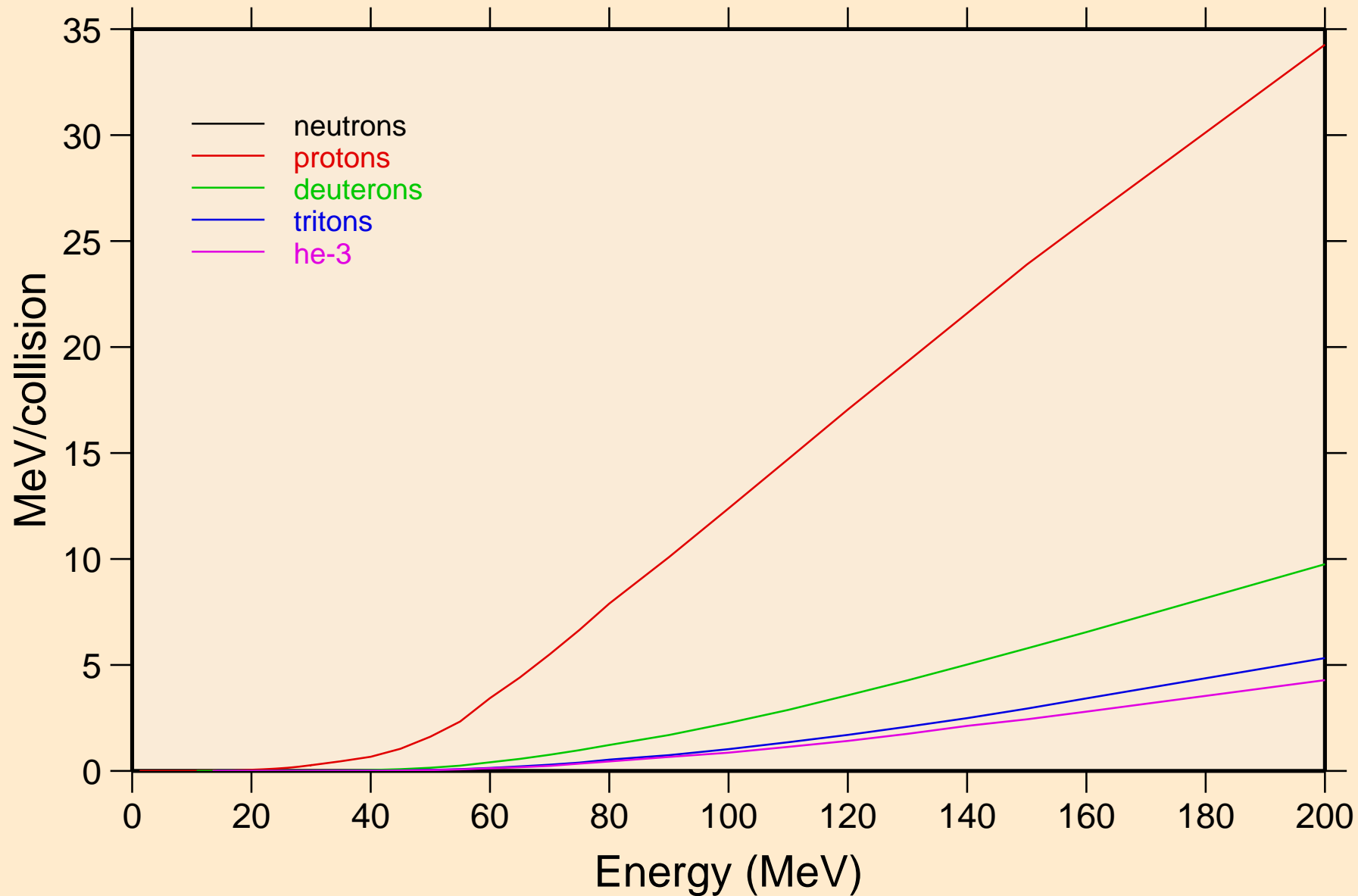


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Photon emission for (n,da)

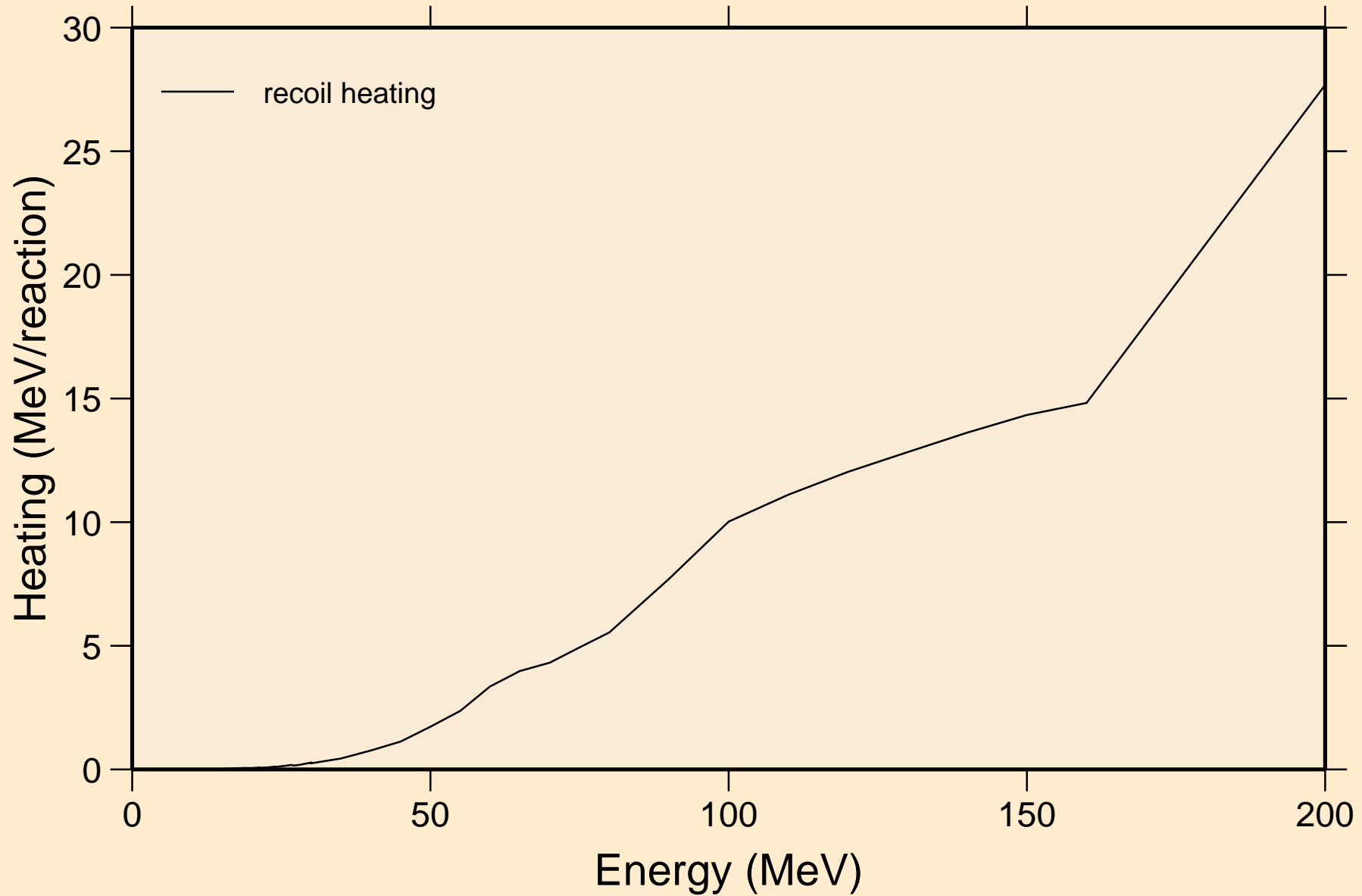


# TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

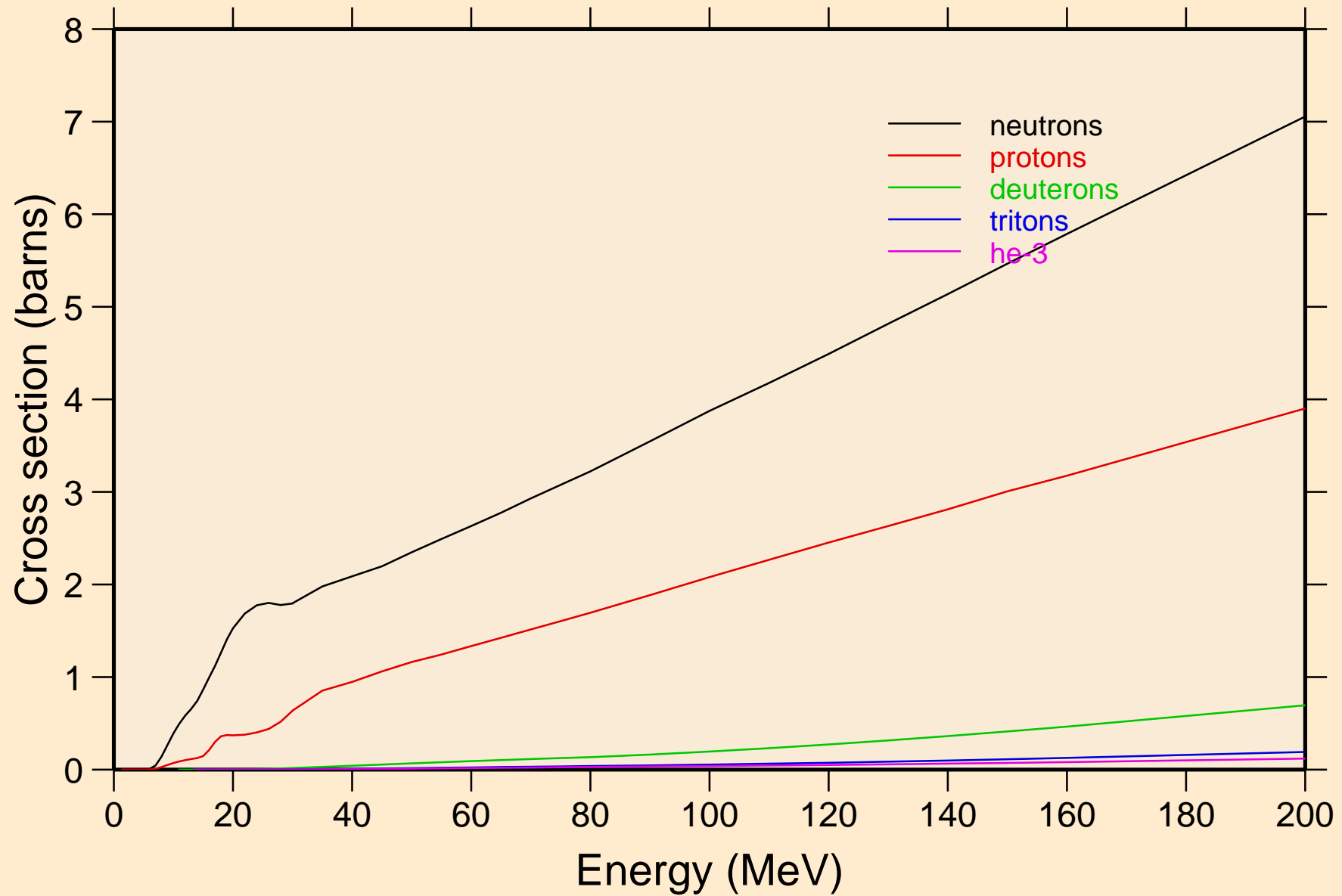
## Particle heating contributions



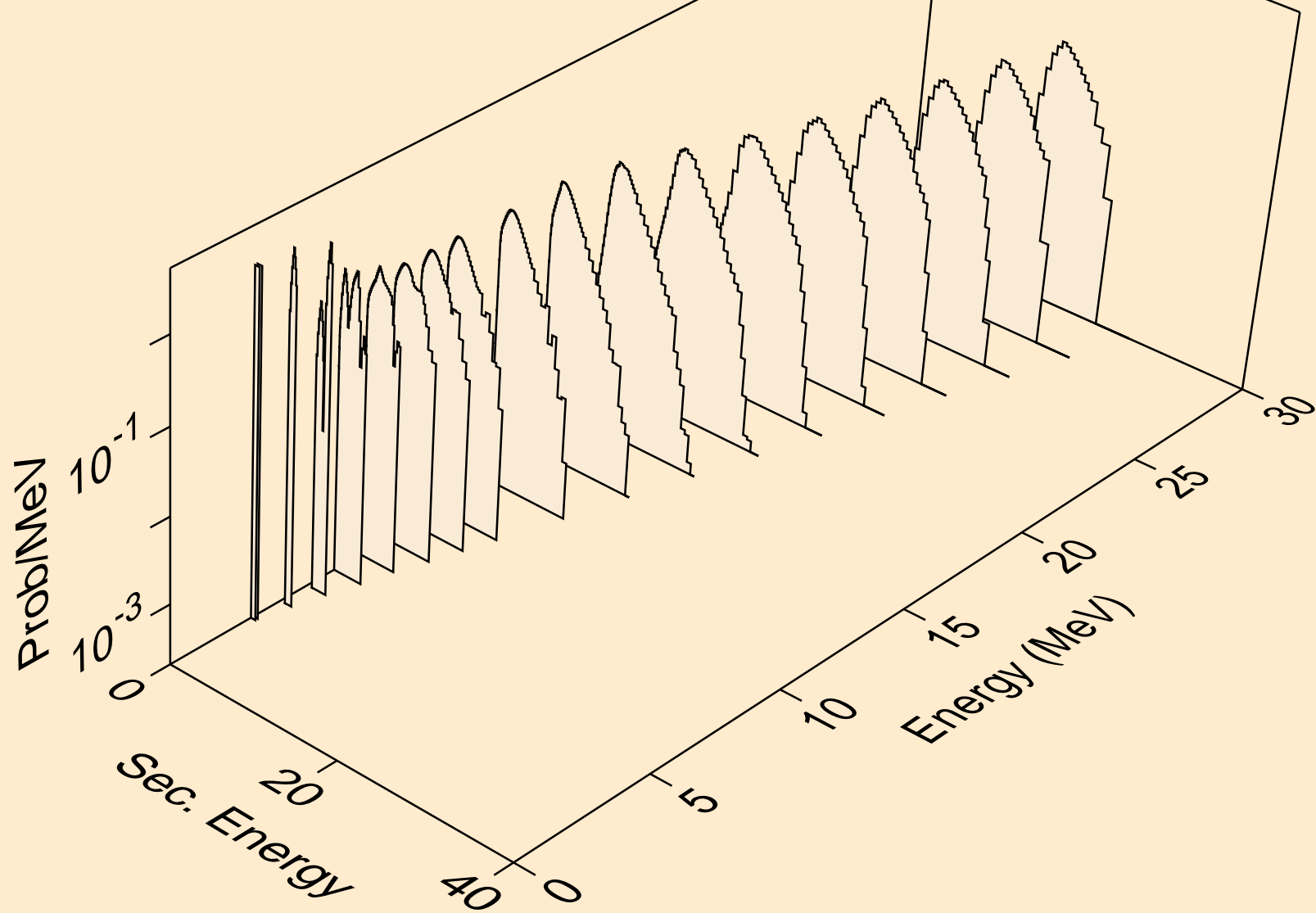
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



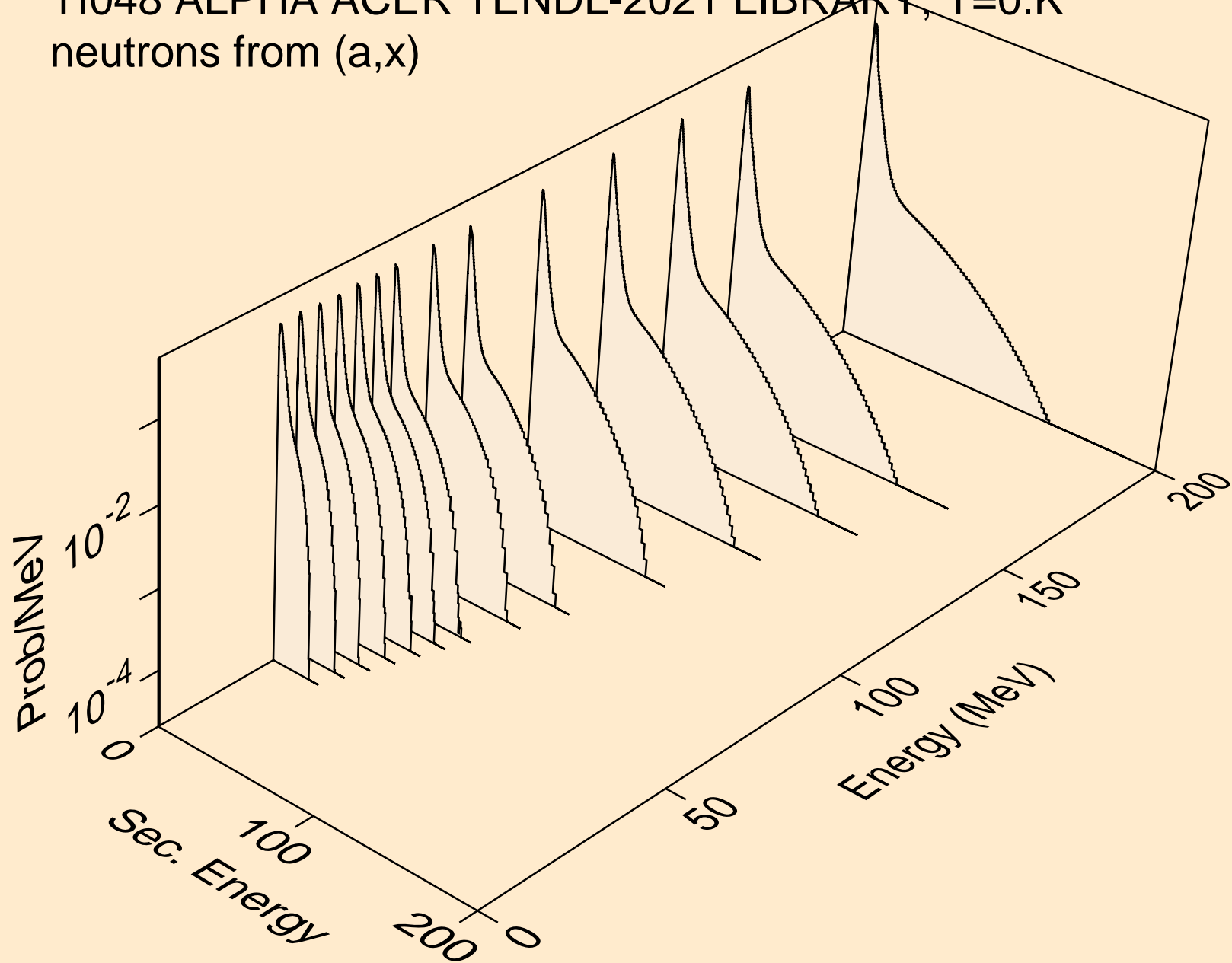
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



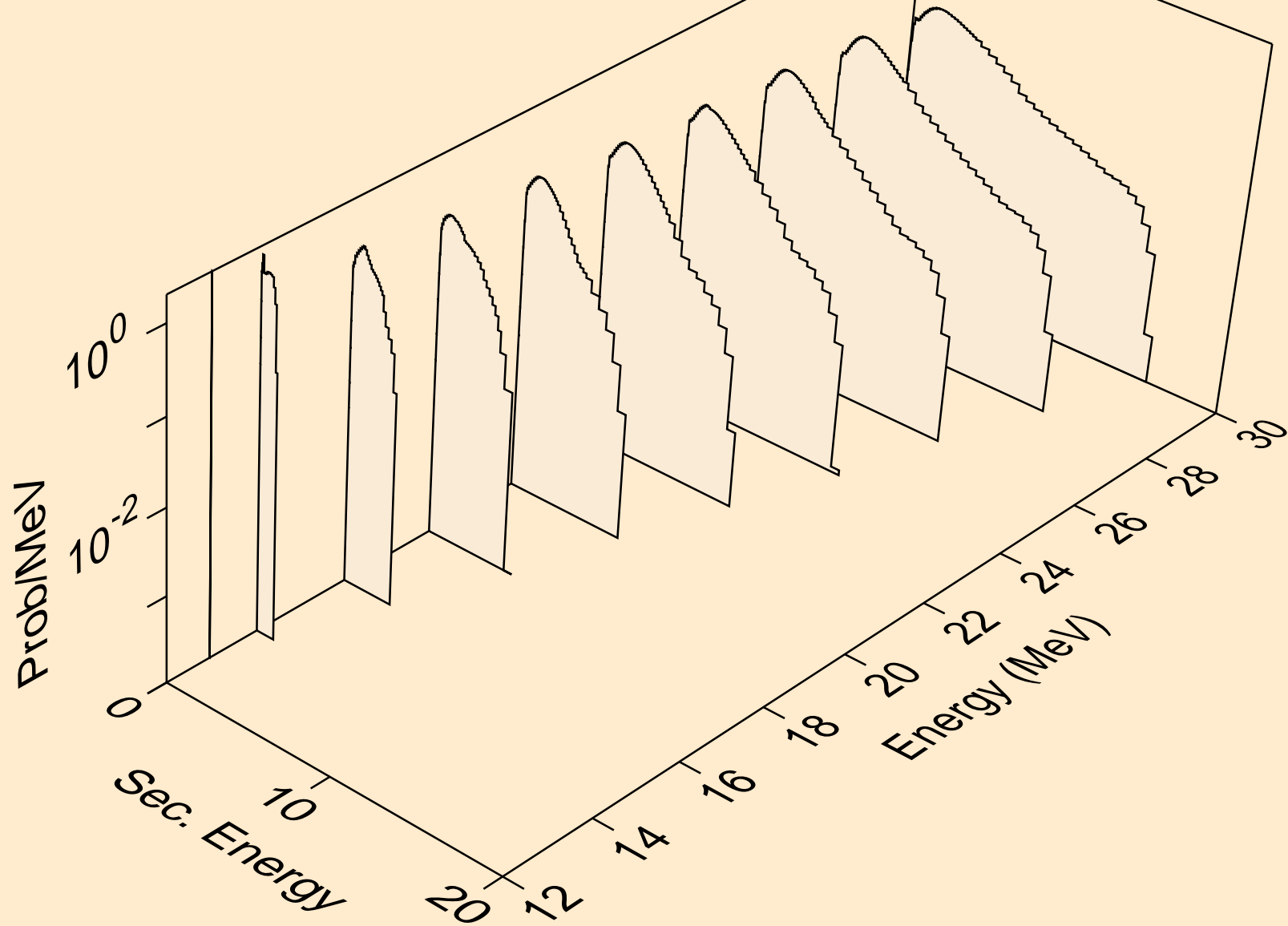
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



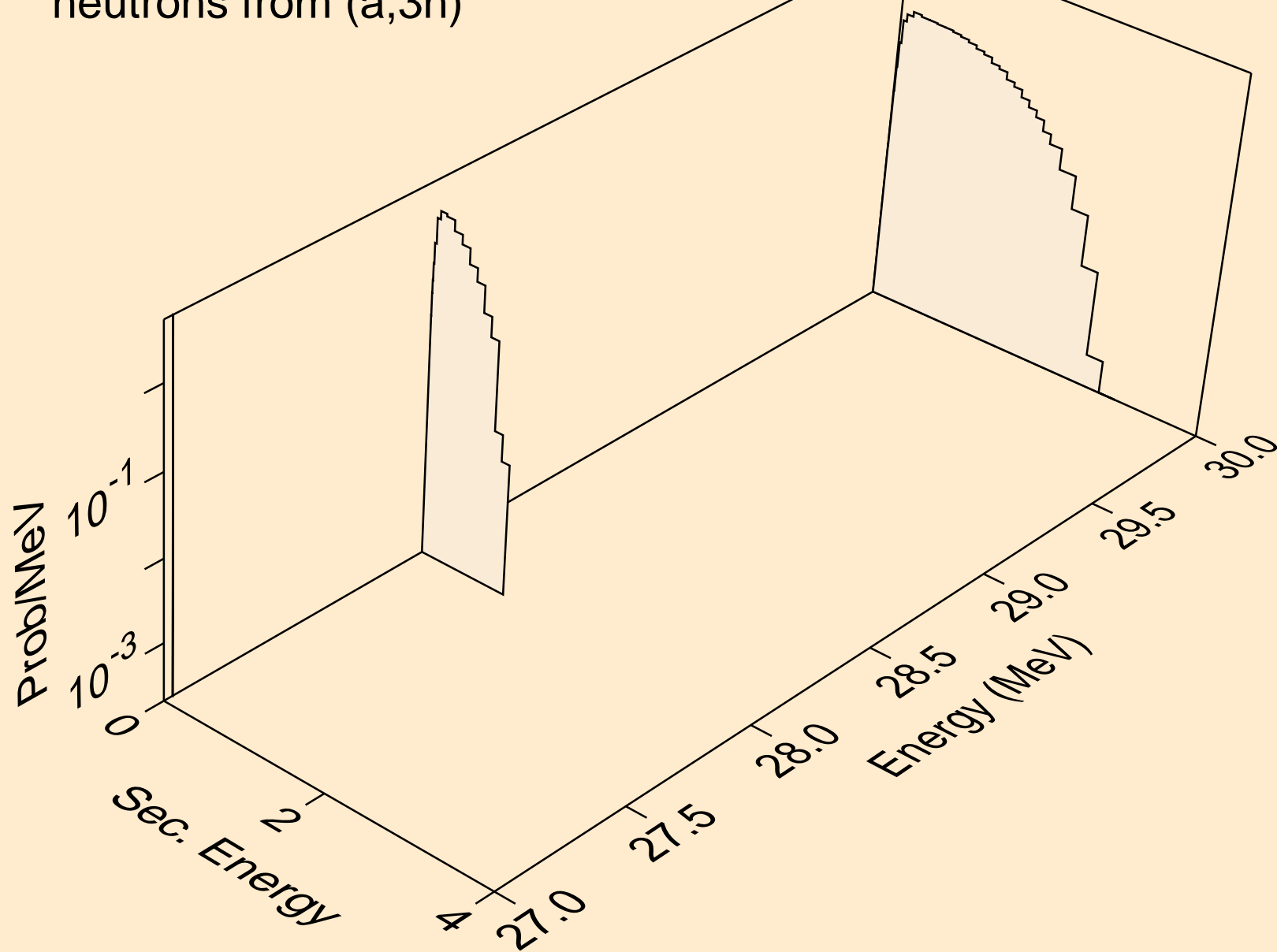
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

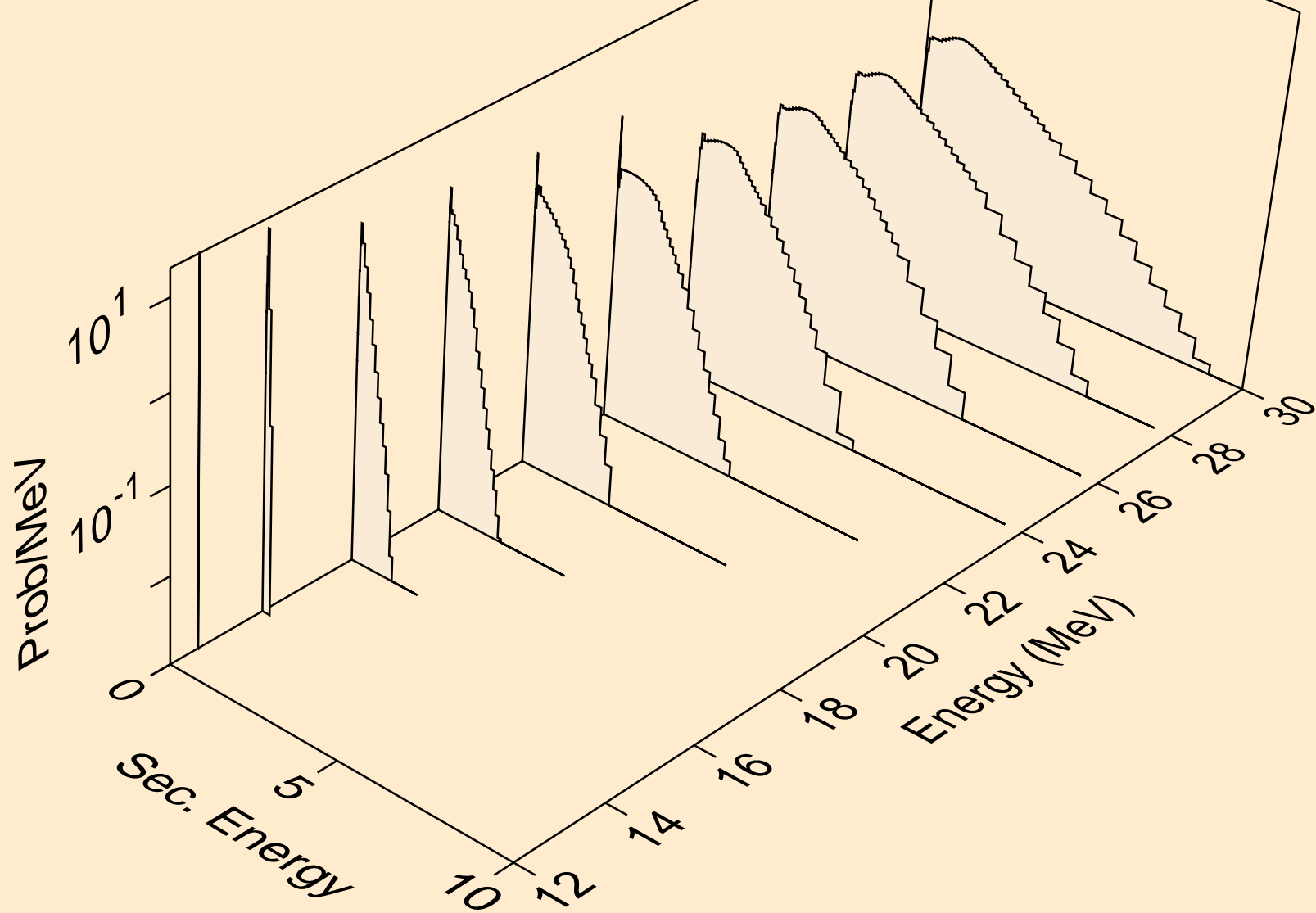


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)

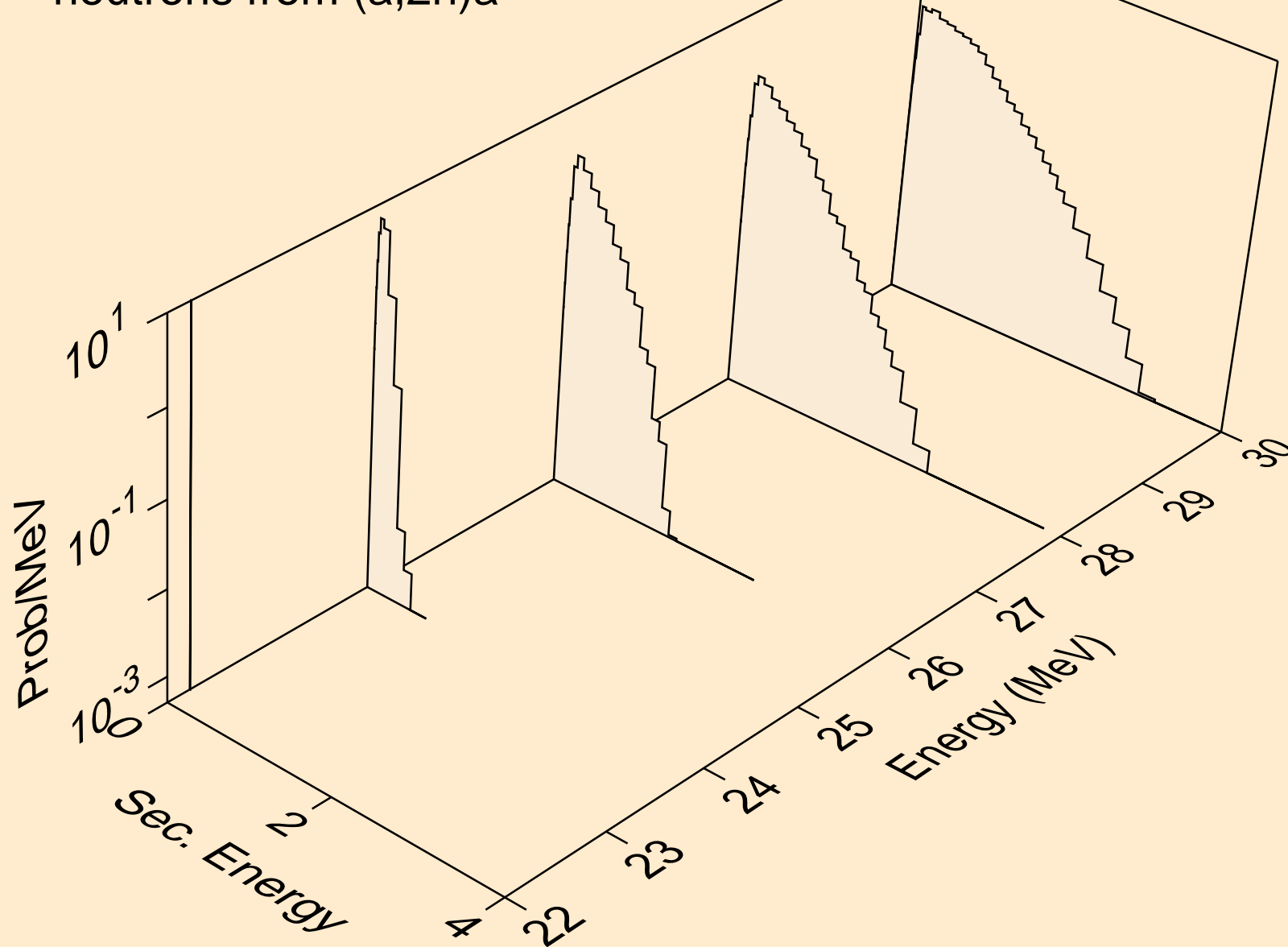




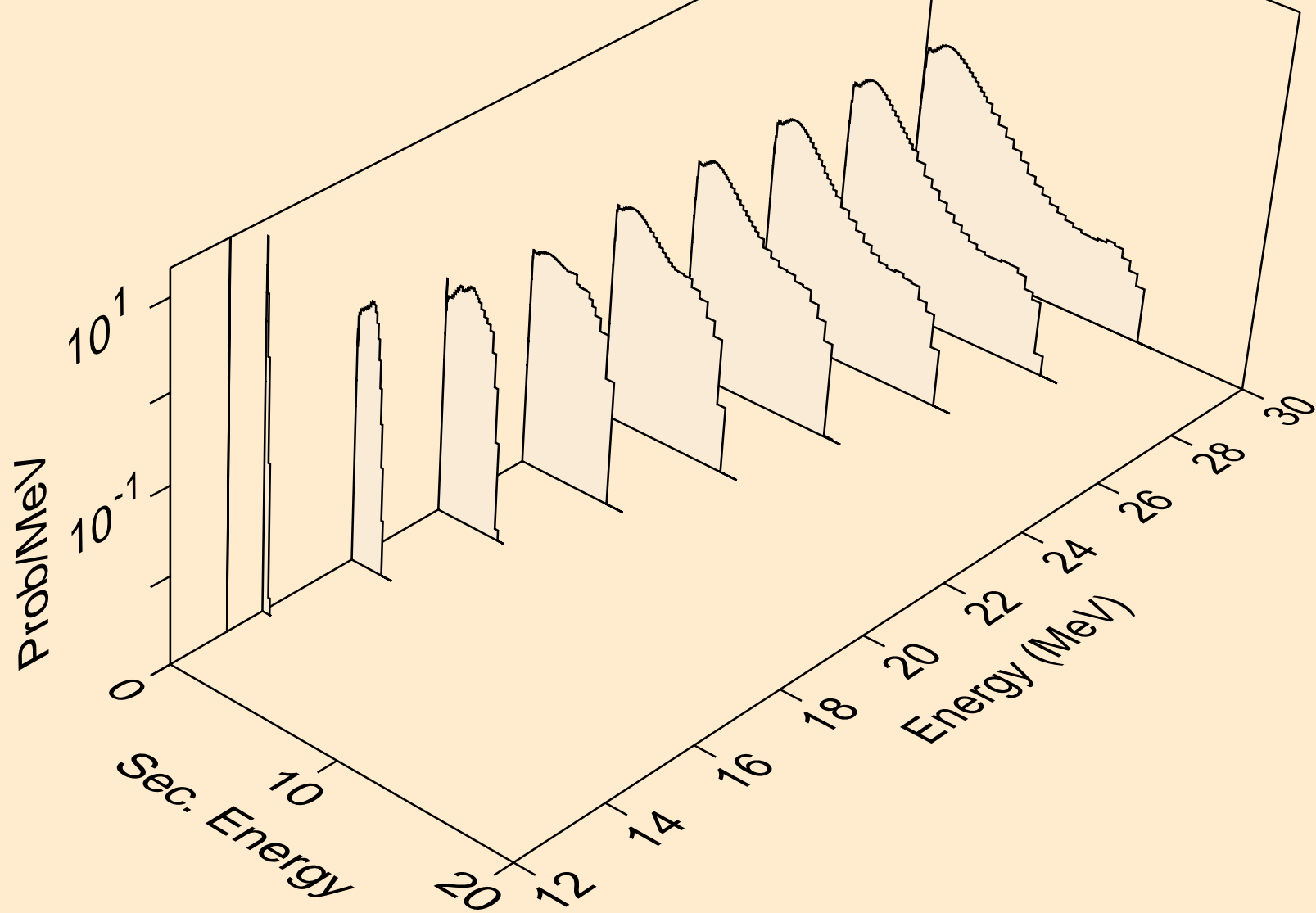
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



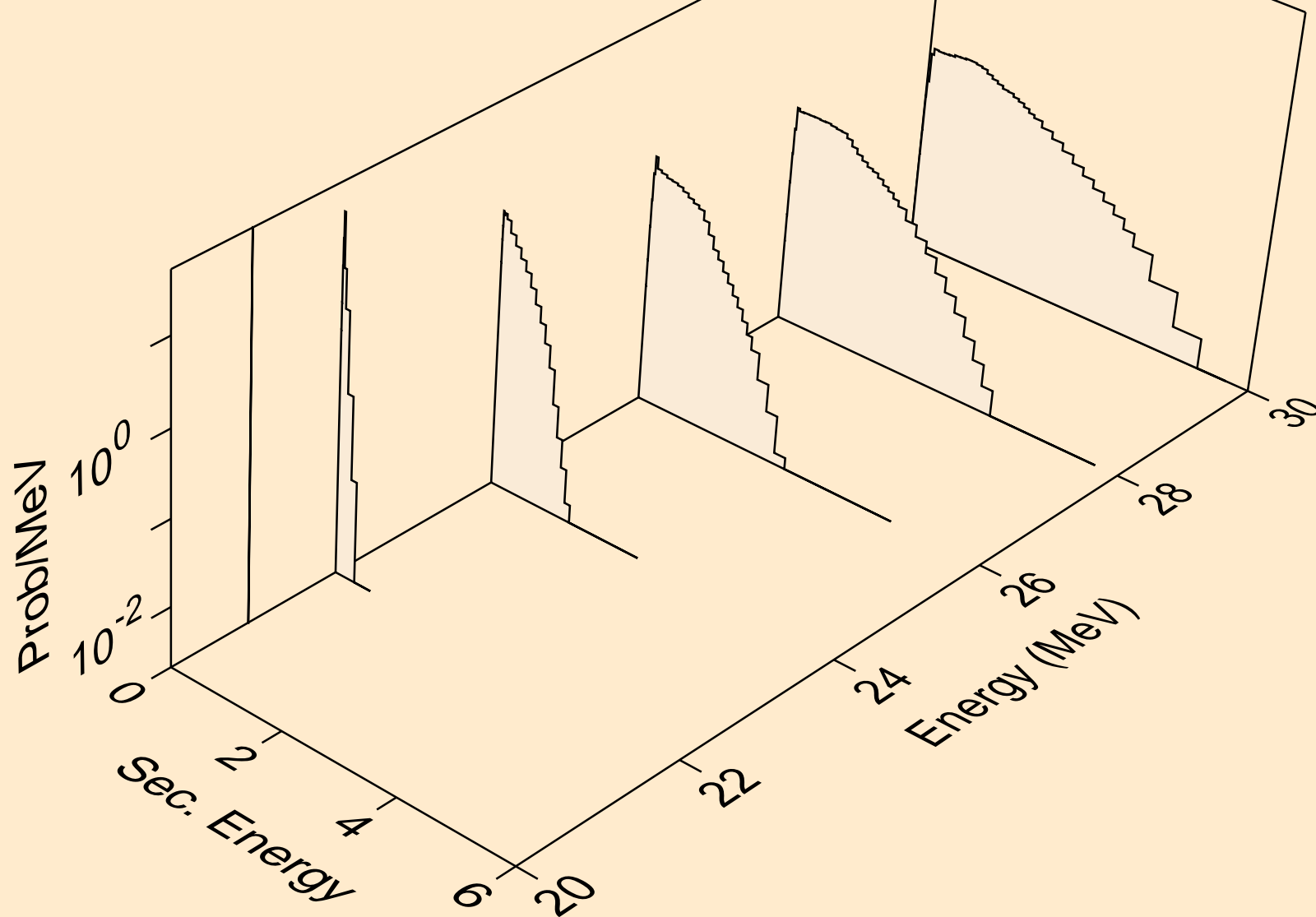
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neutrons from (a,2n)a



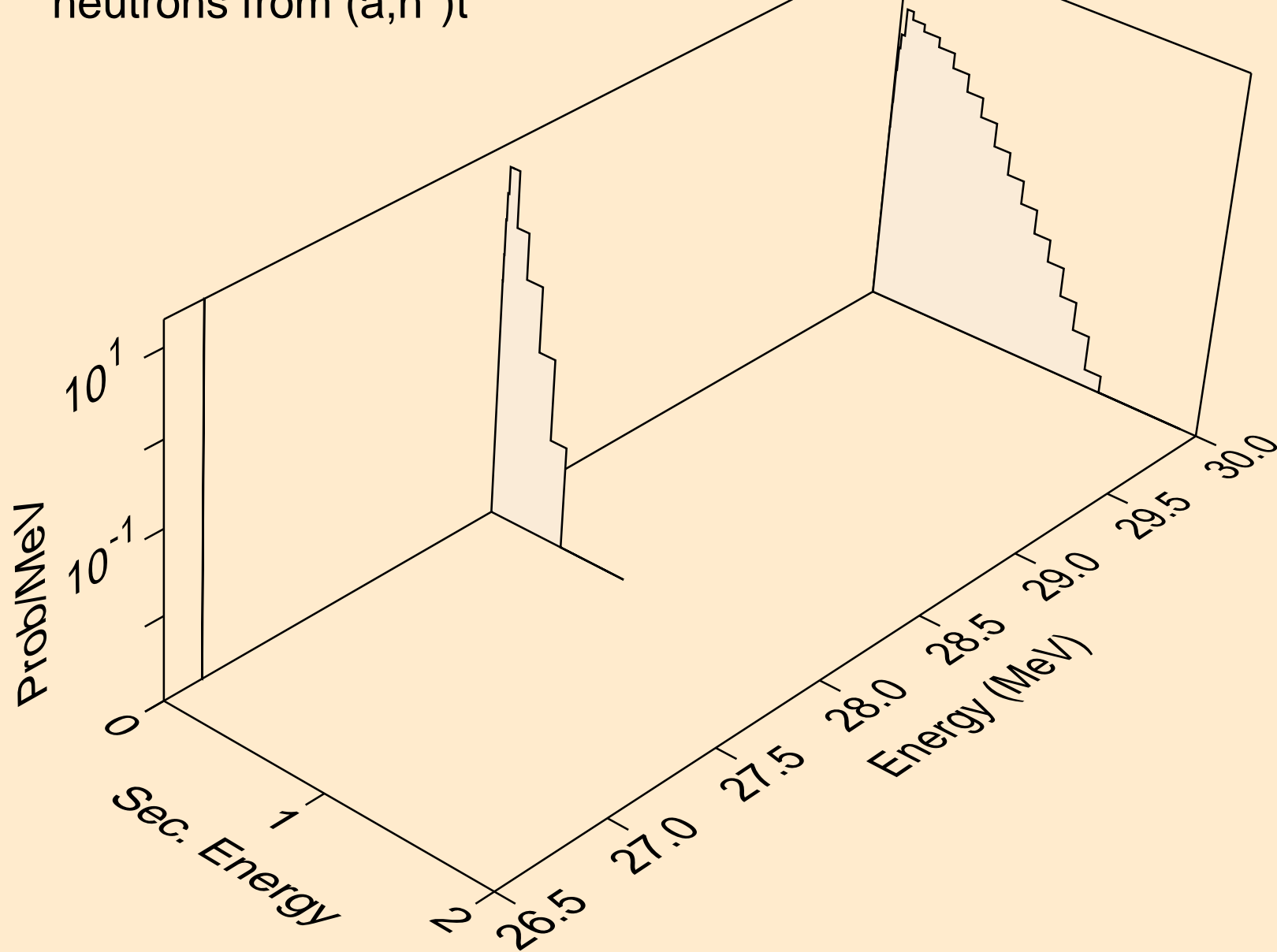
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



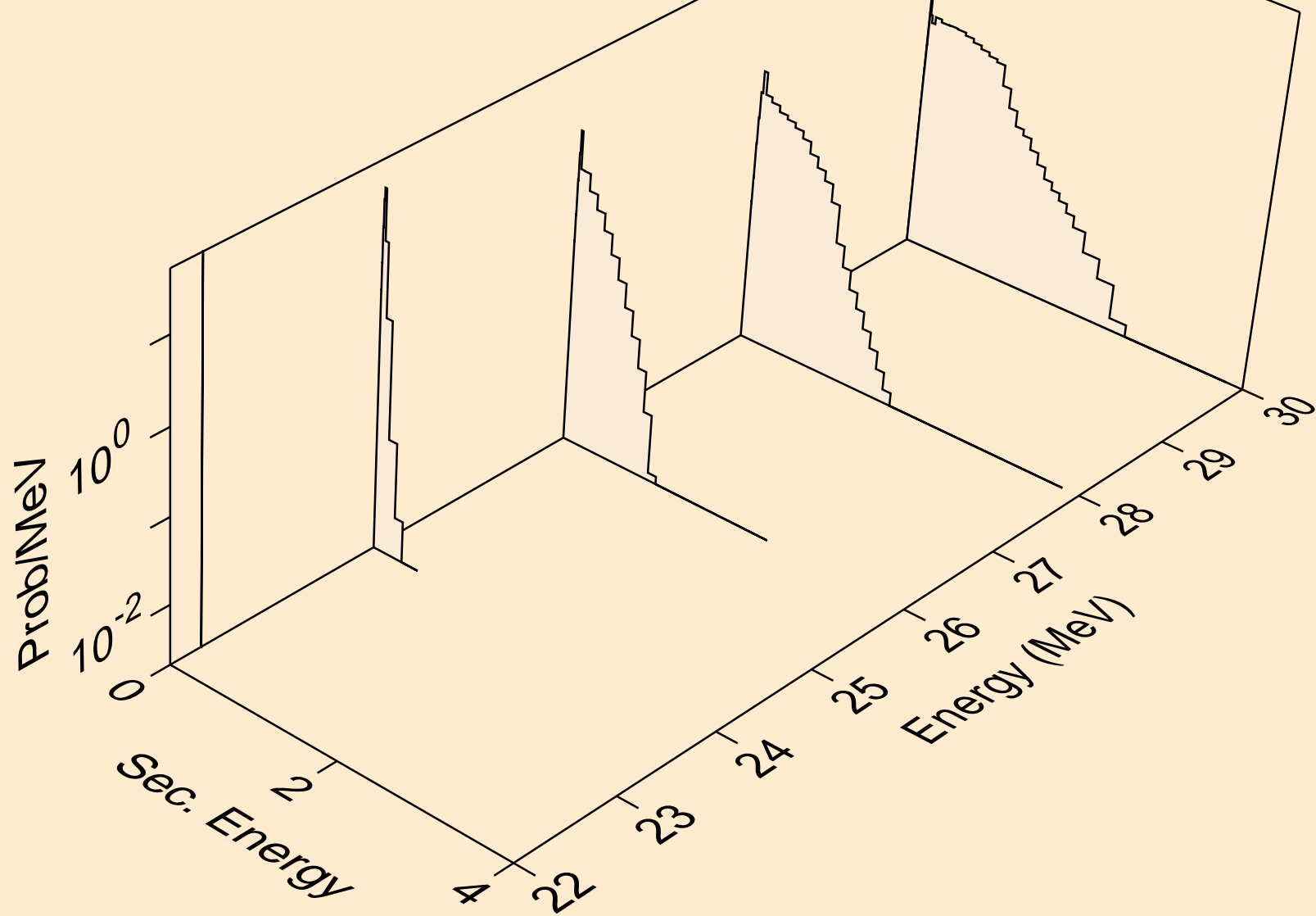
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neutrons from (a,n\*)d



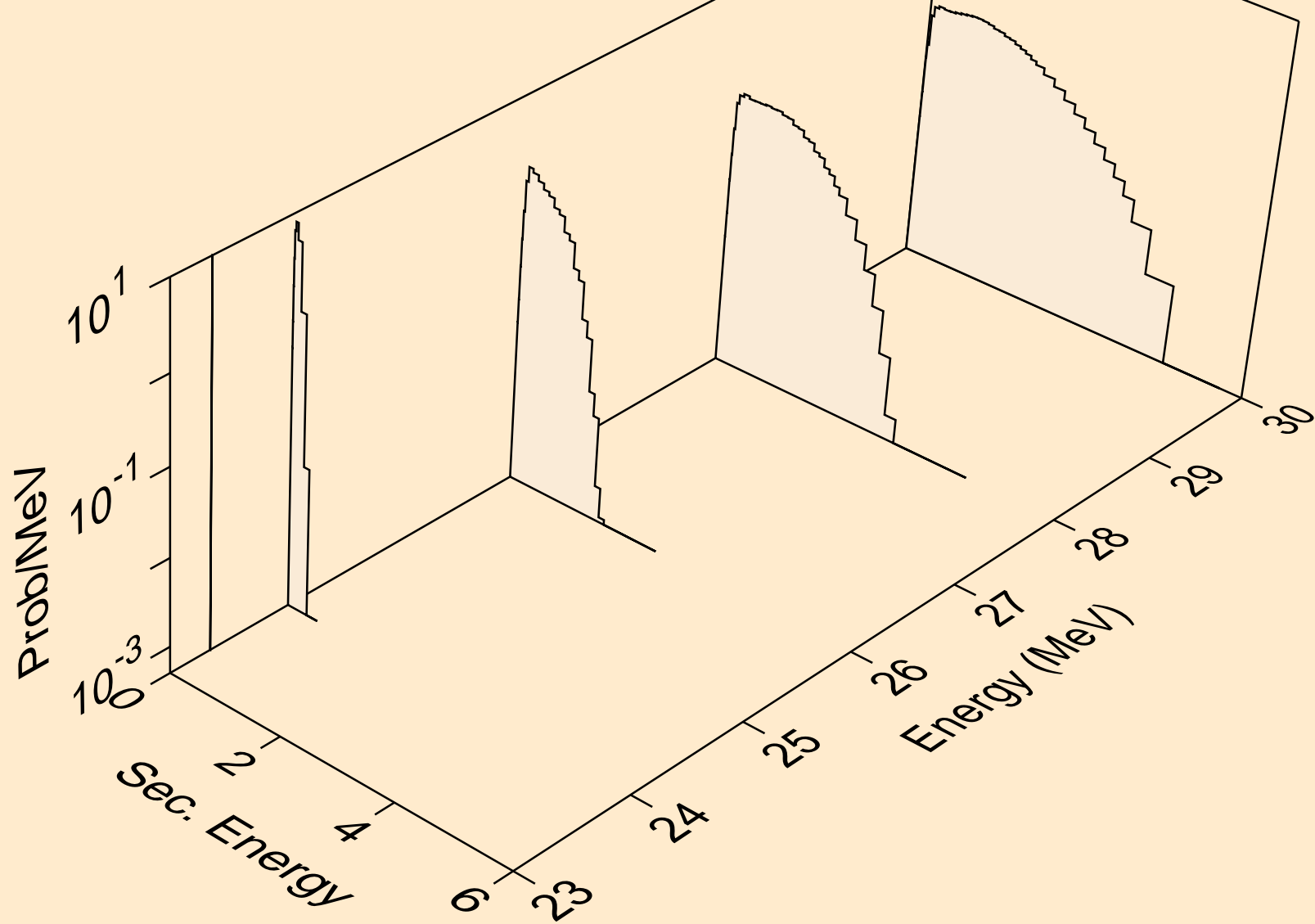
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neutrons from (a,n\*)t



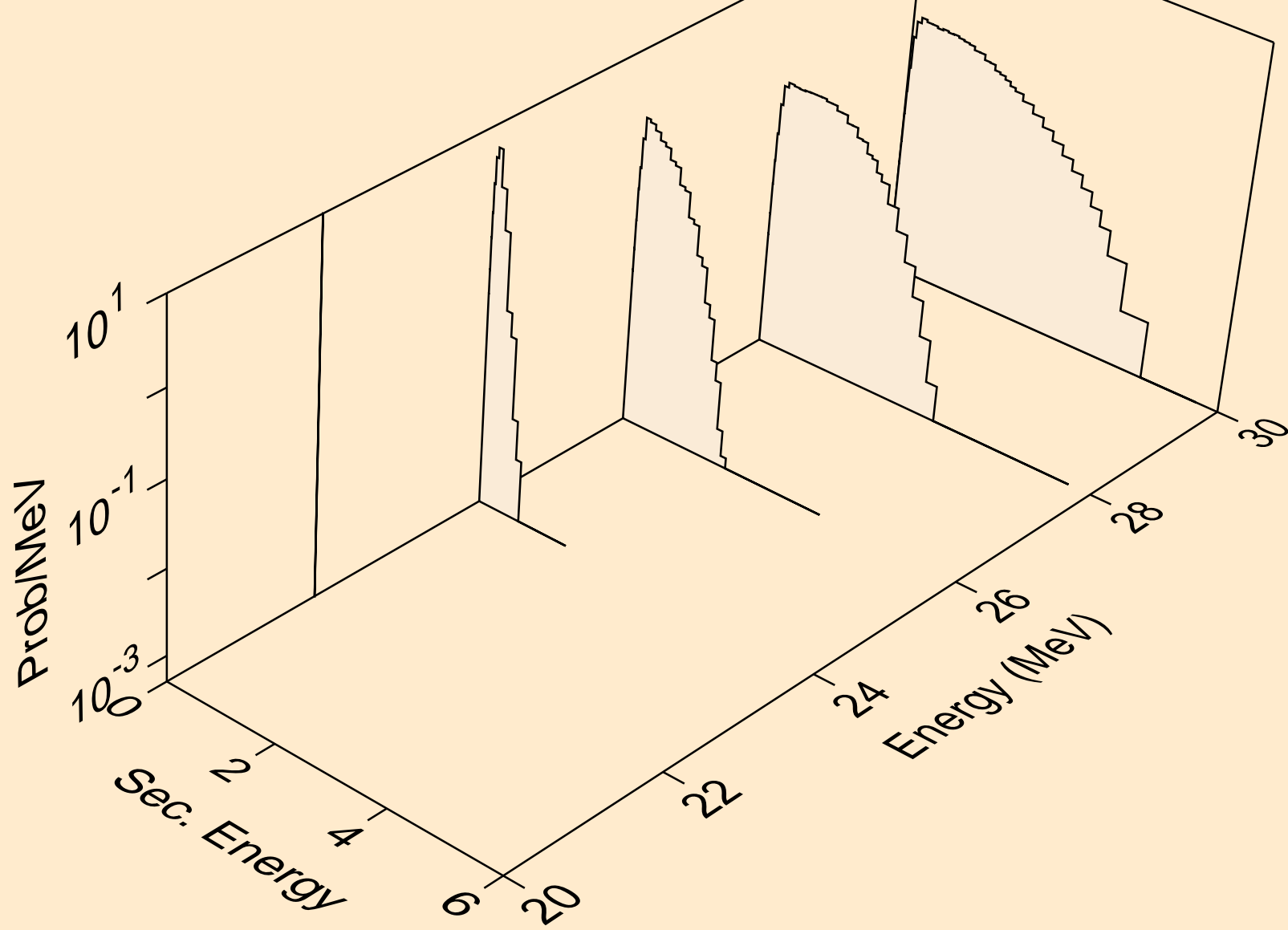
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

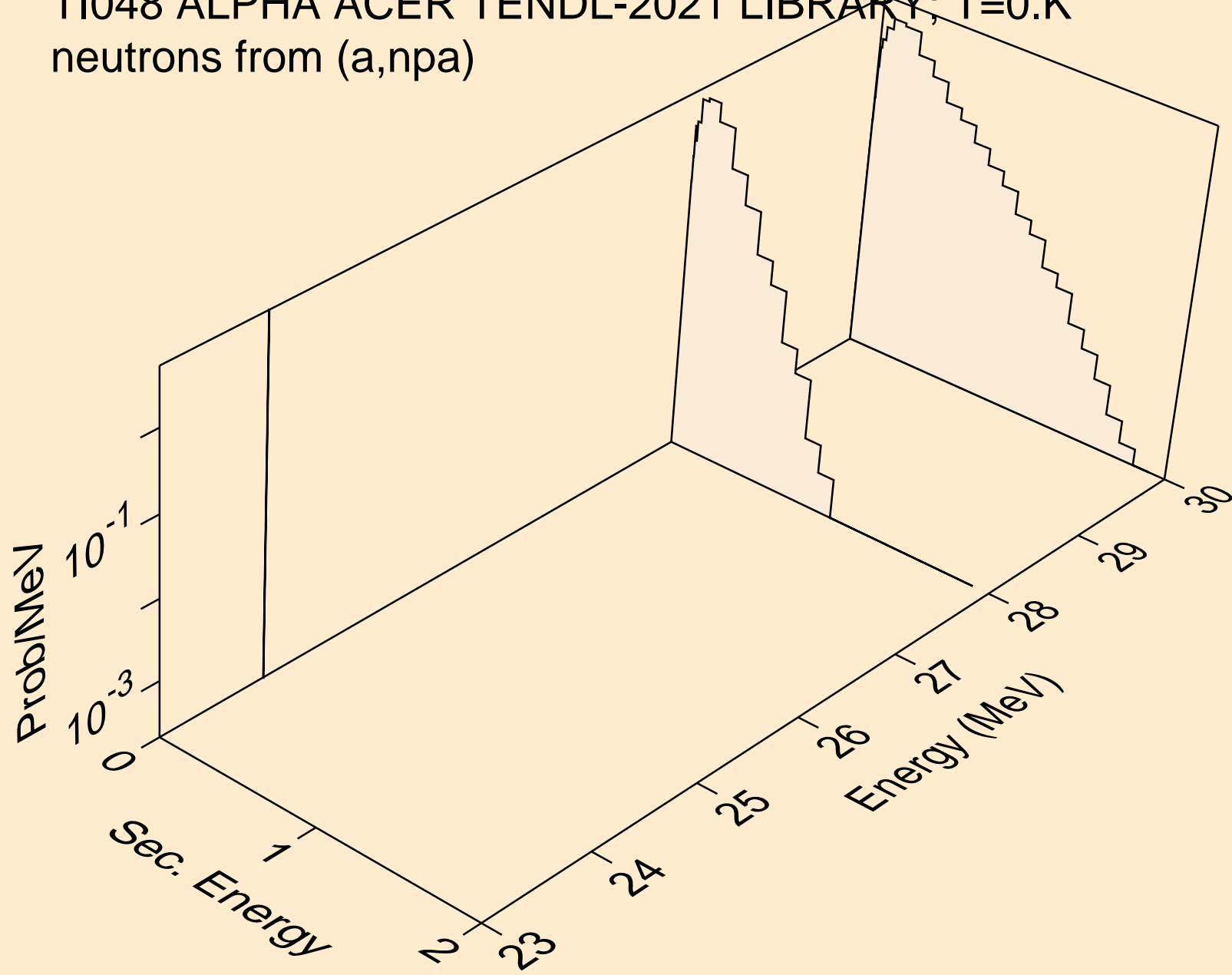


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neutrons from (a,2np)

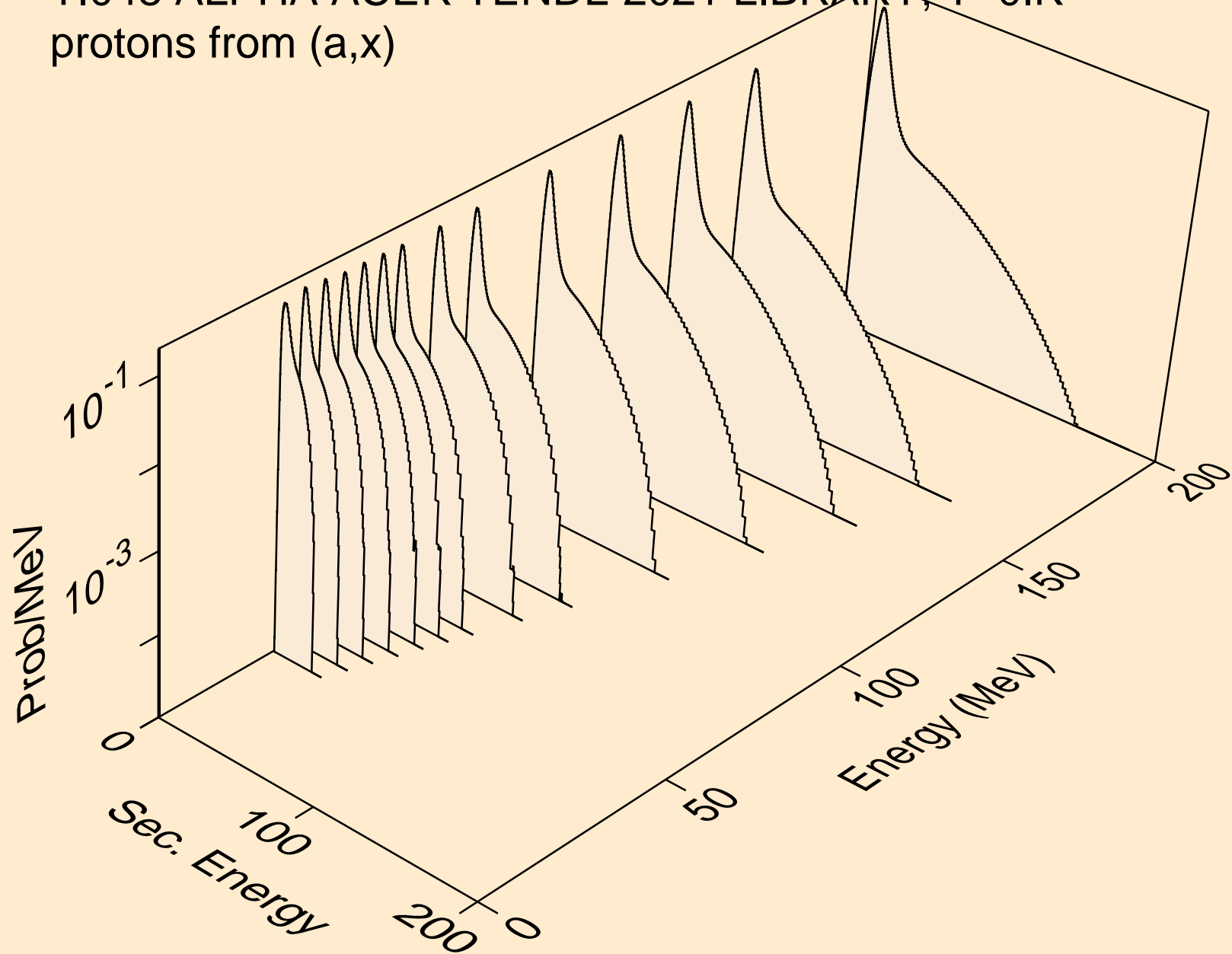




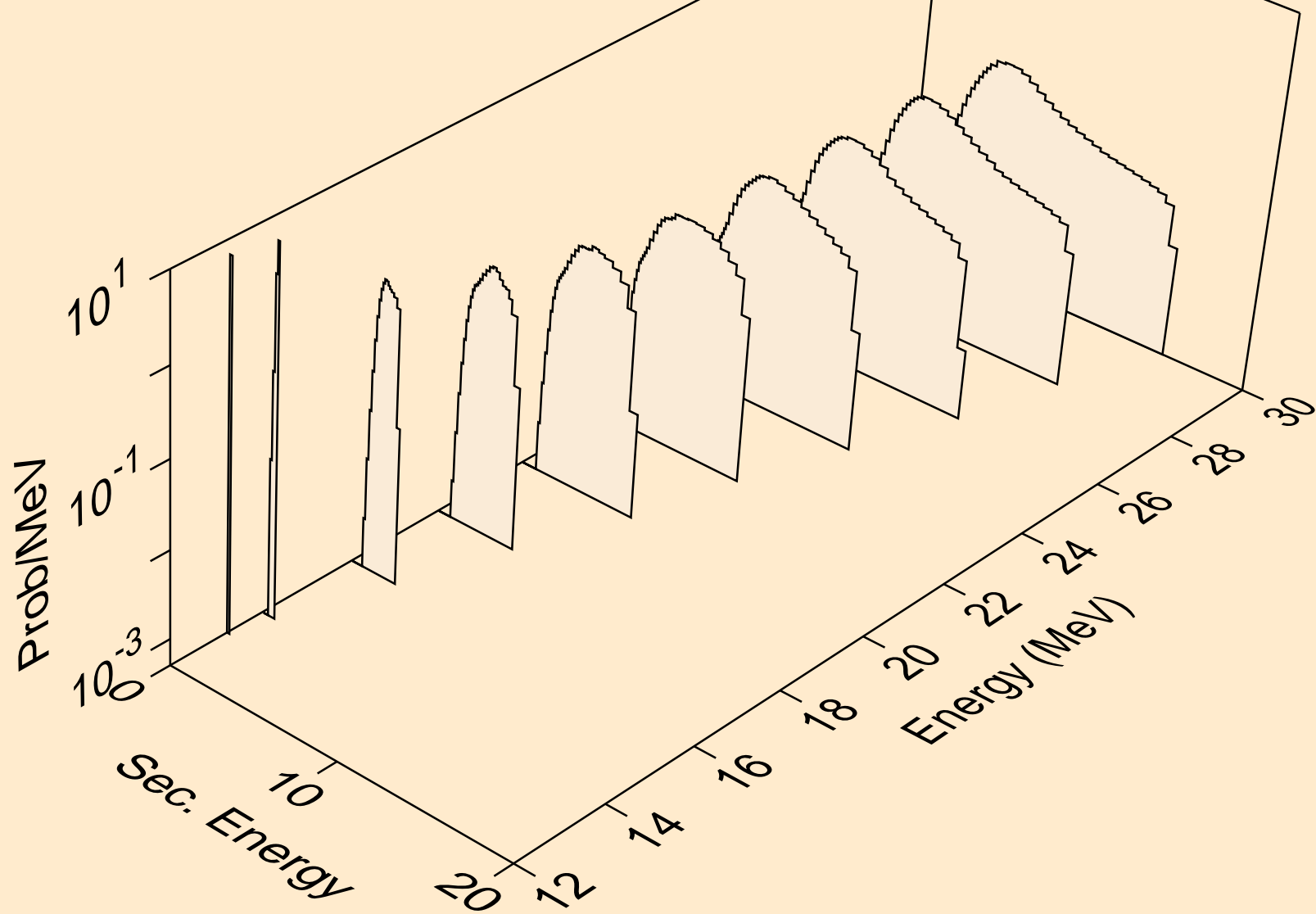
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neutrons from (a,npa)



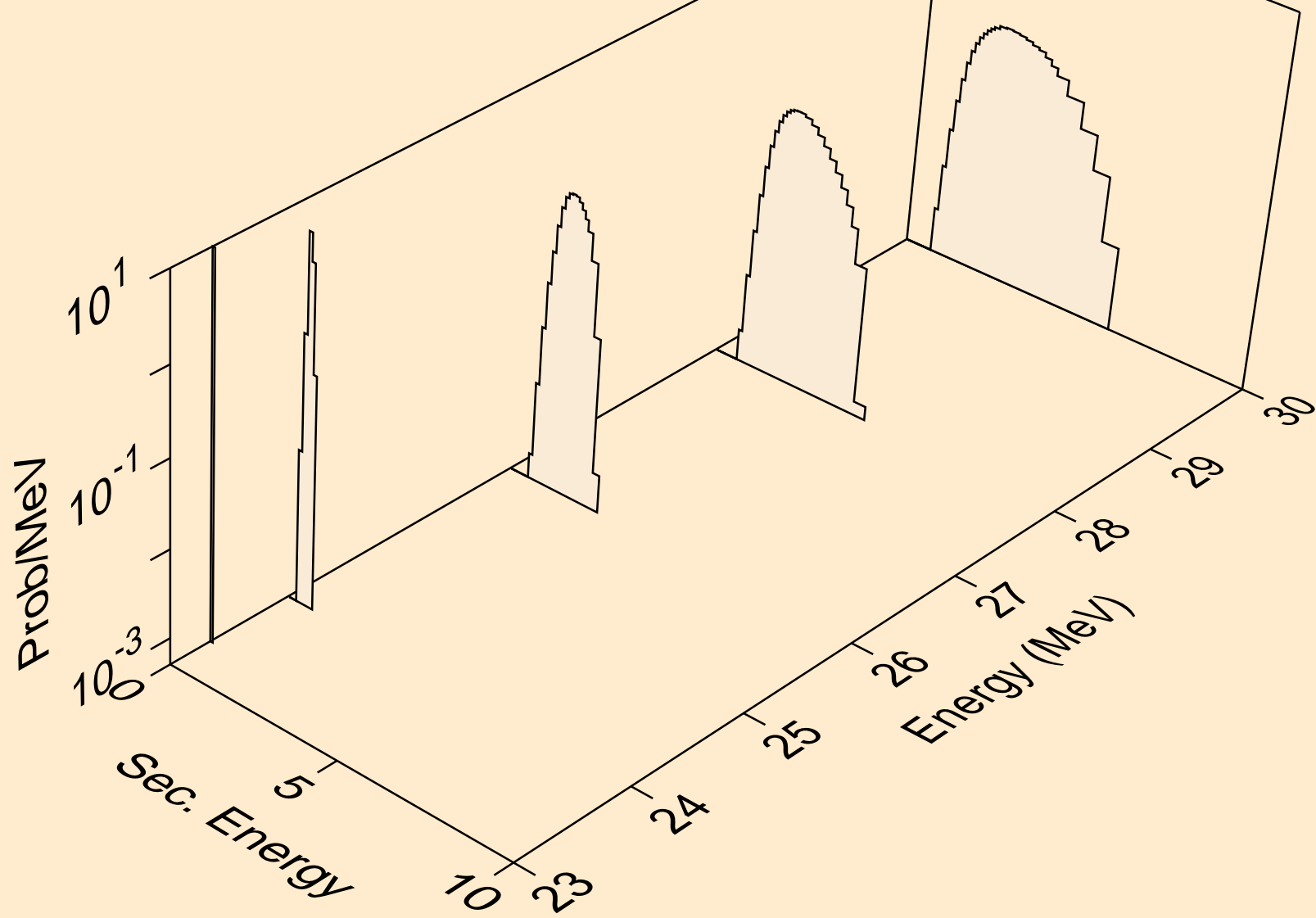
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



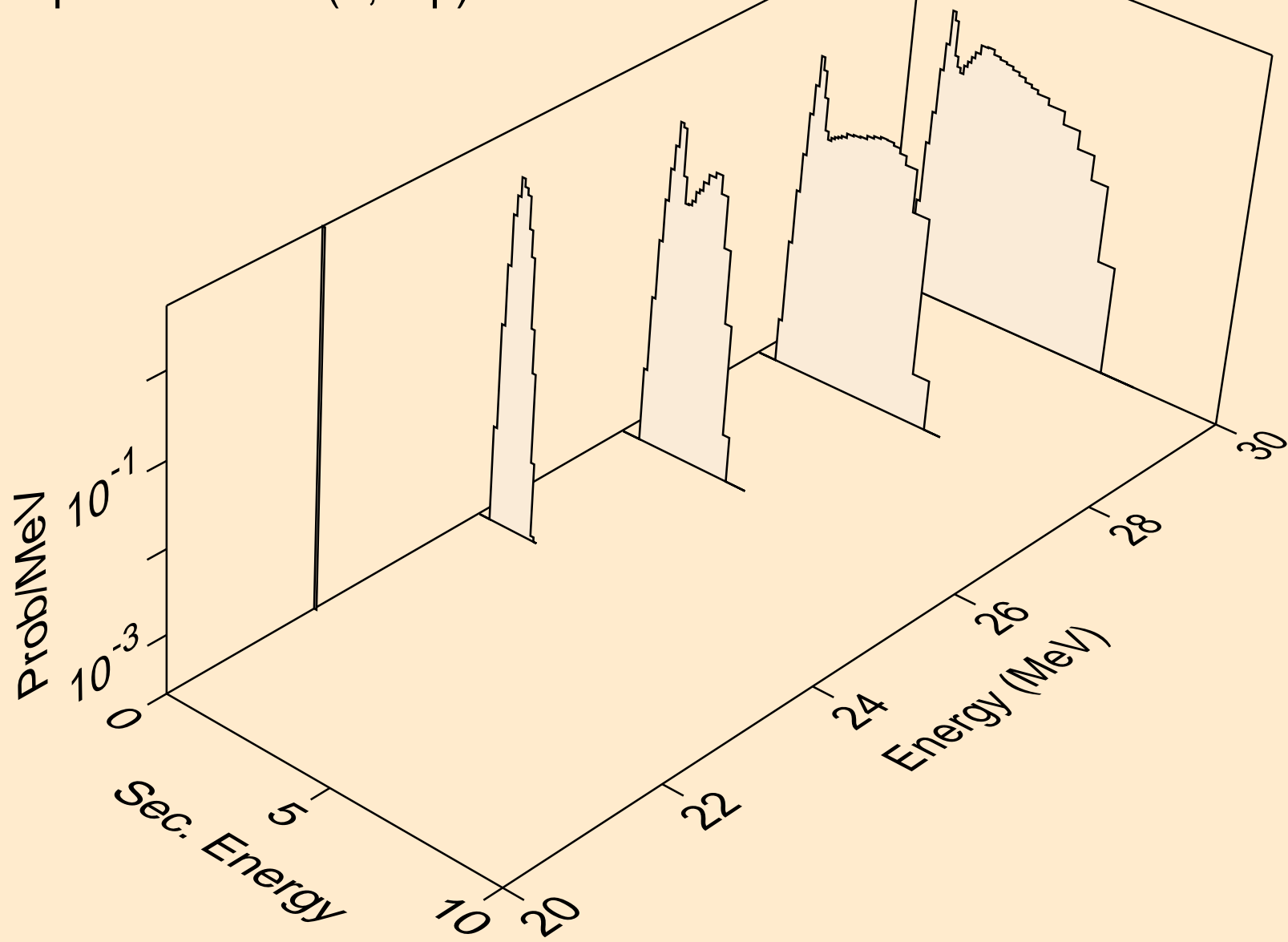
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protons from (a,n\*)p



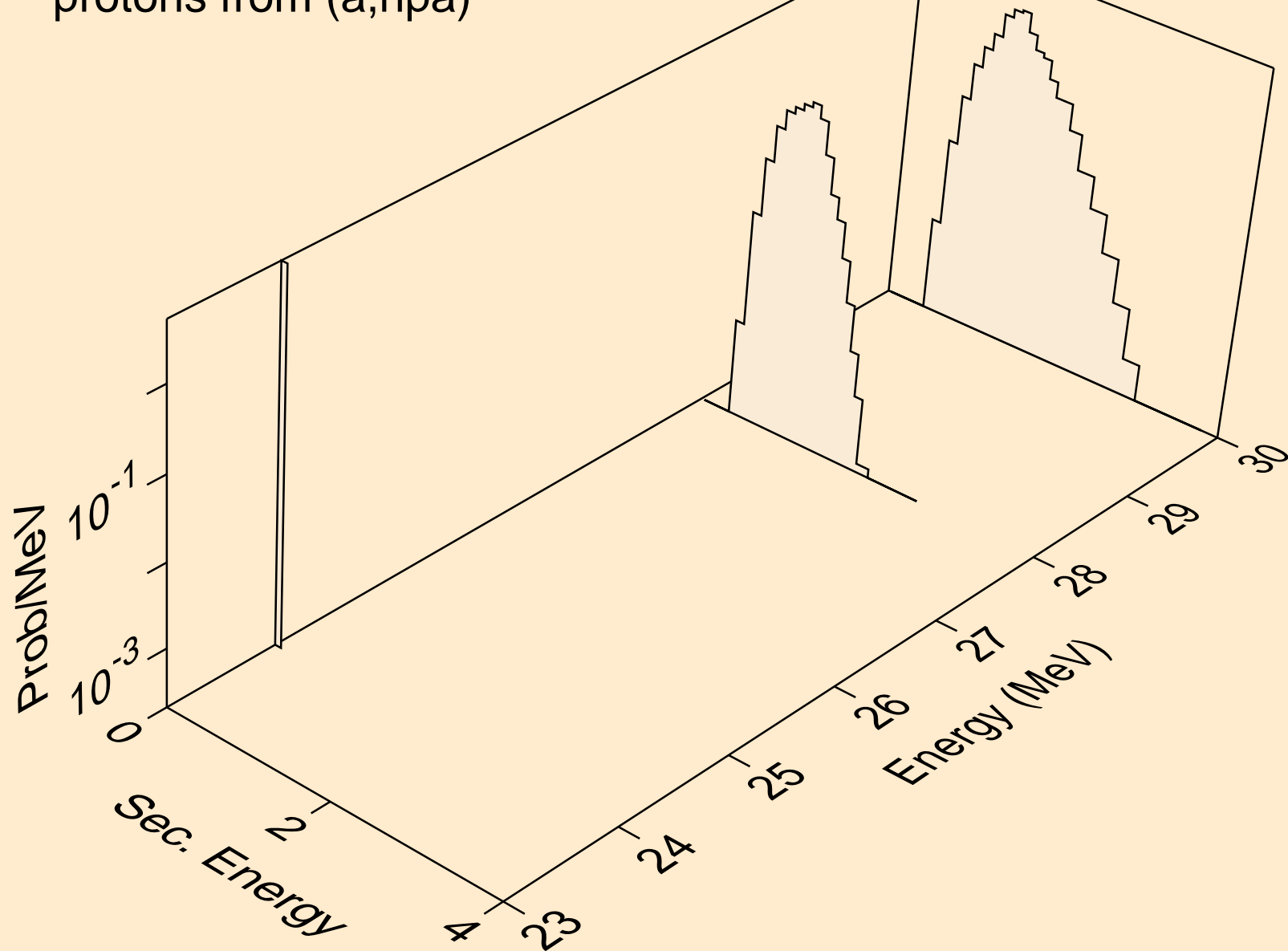
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protons from (a,2np)



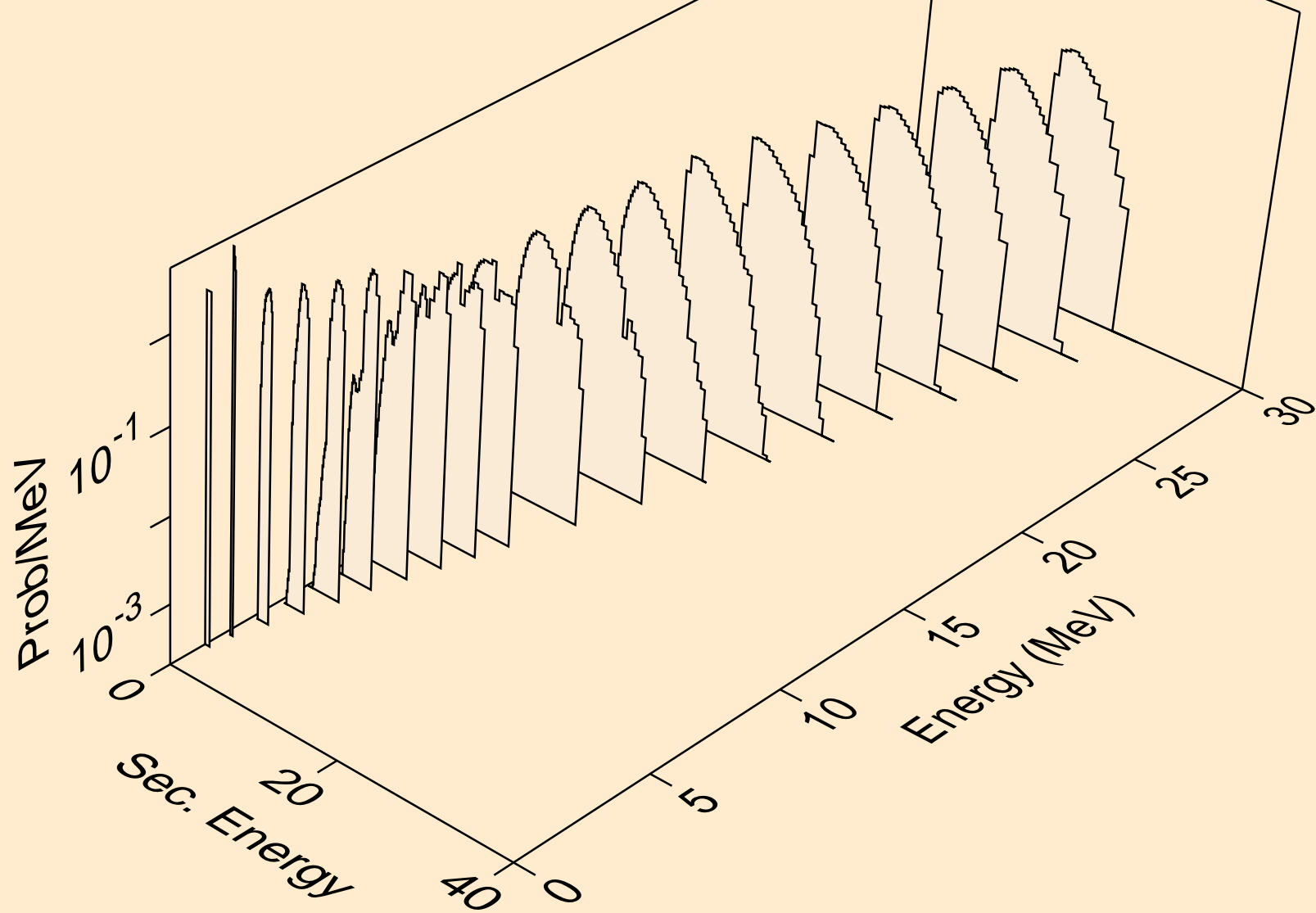
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protons from (a,2np)



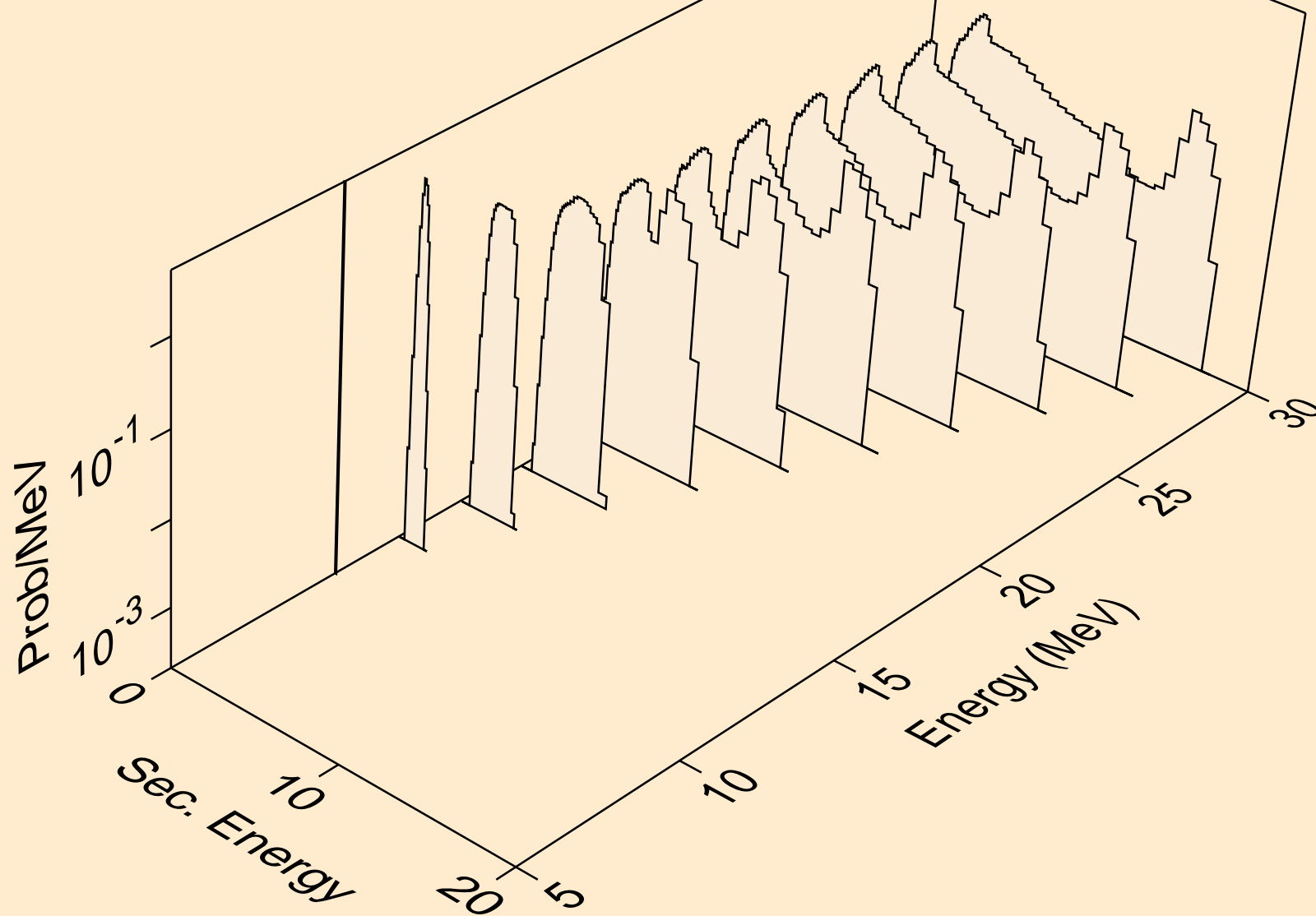
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)

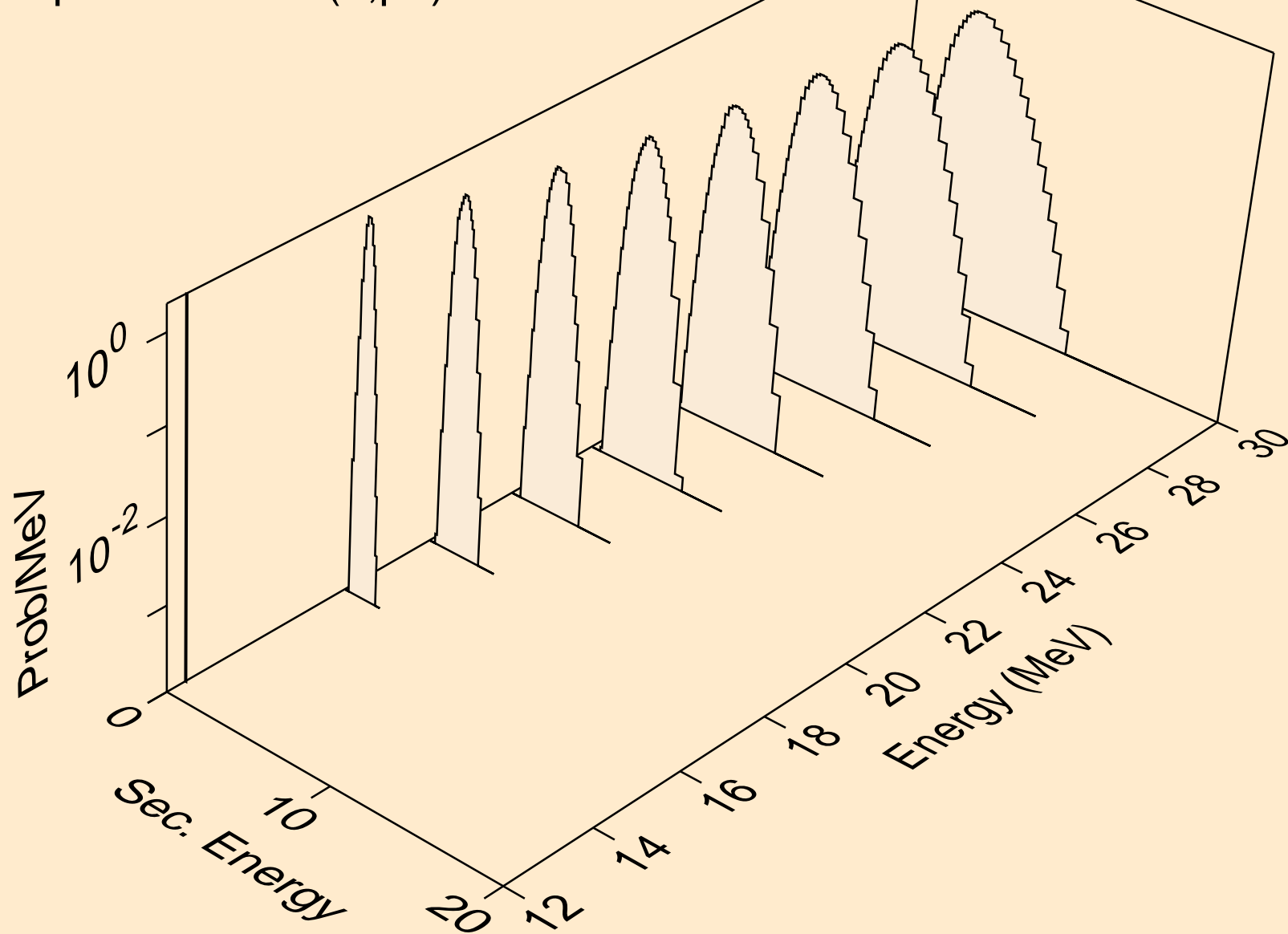


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protons from (a,2p)

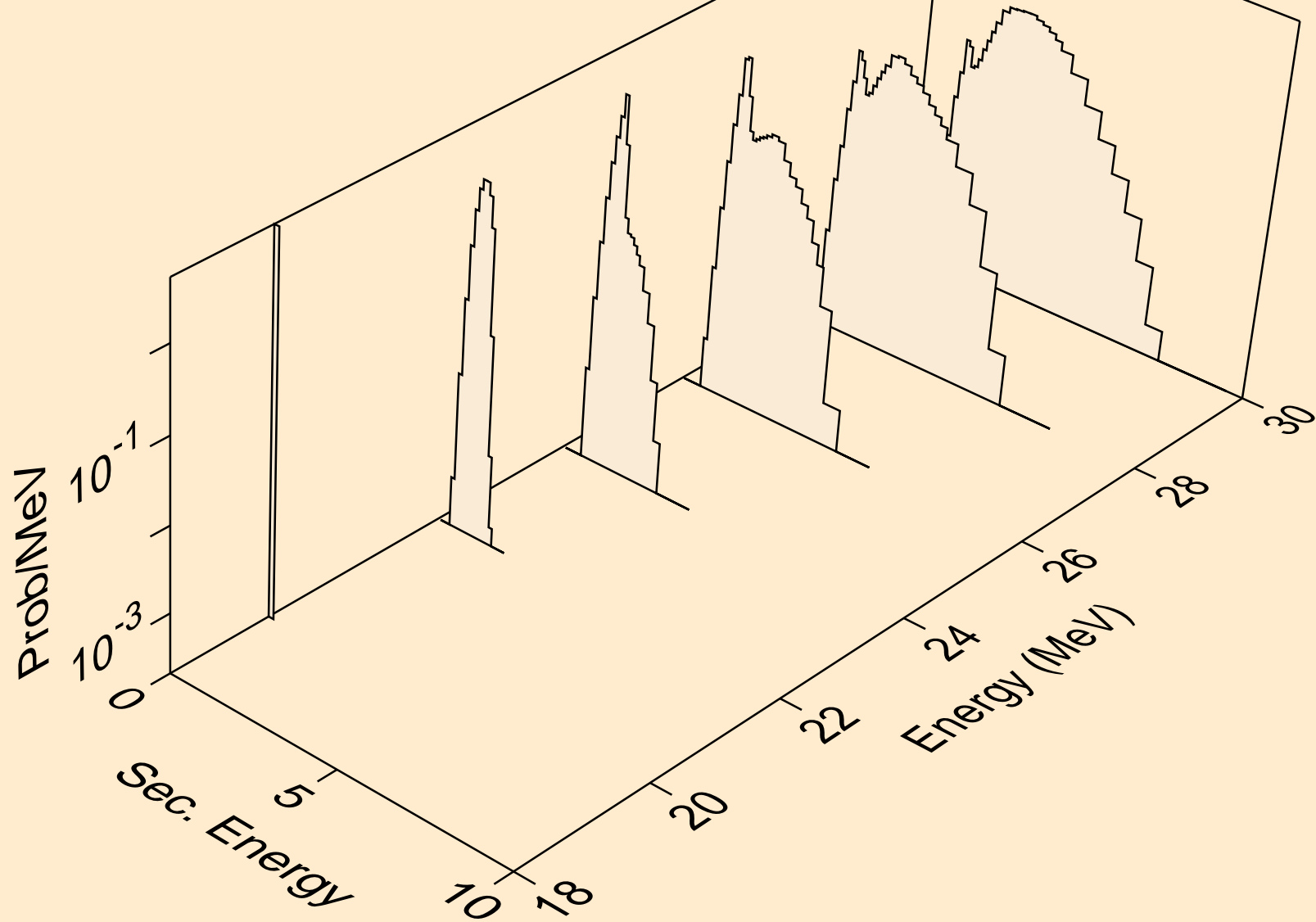




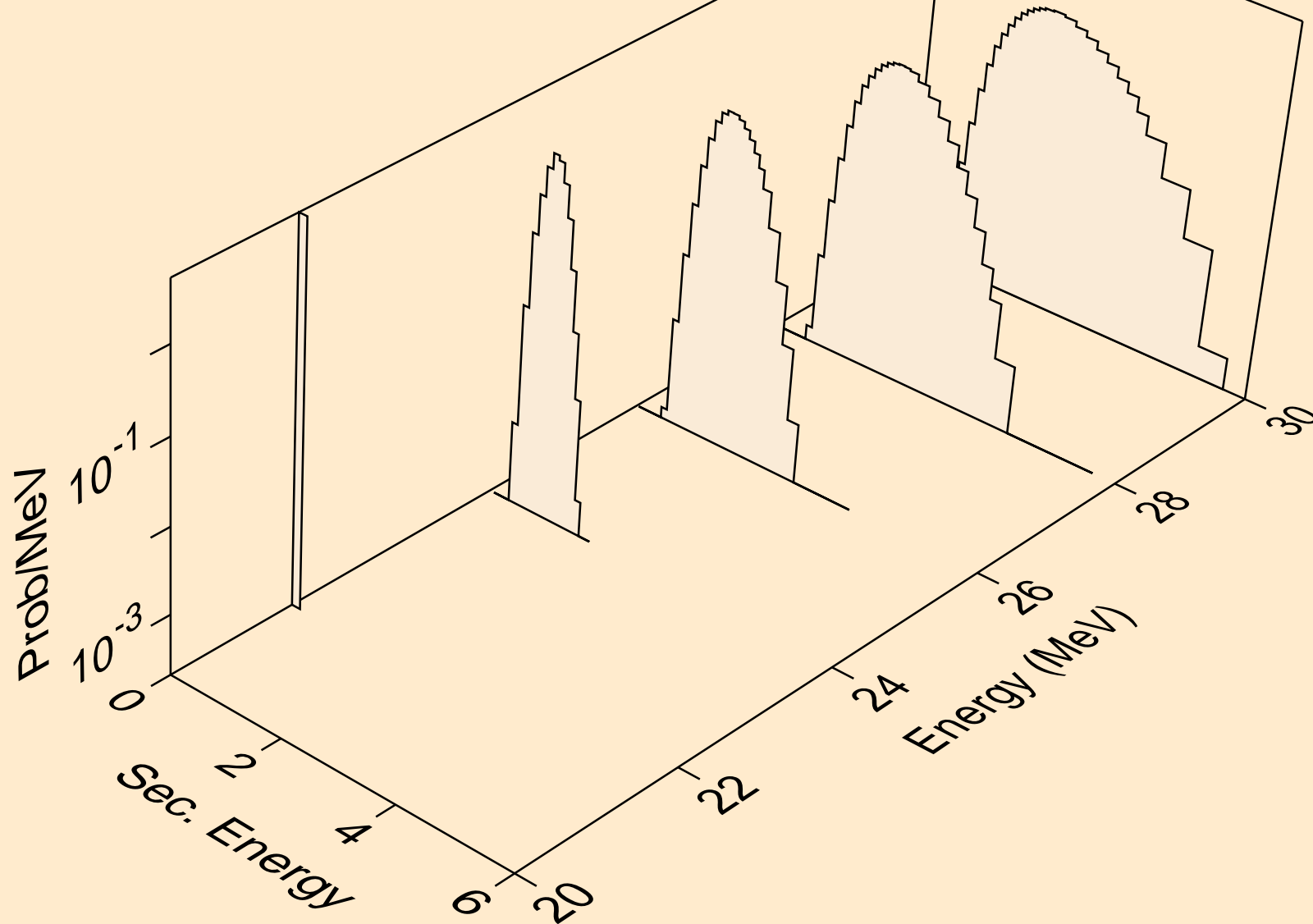
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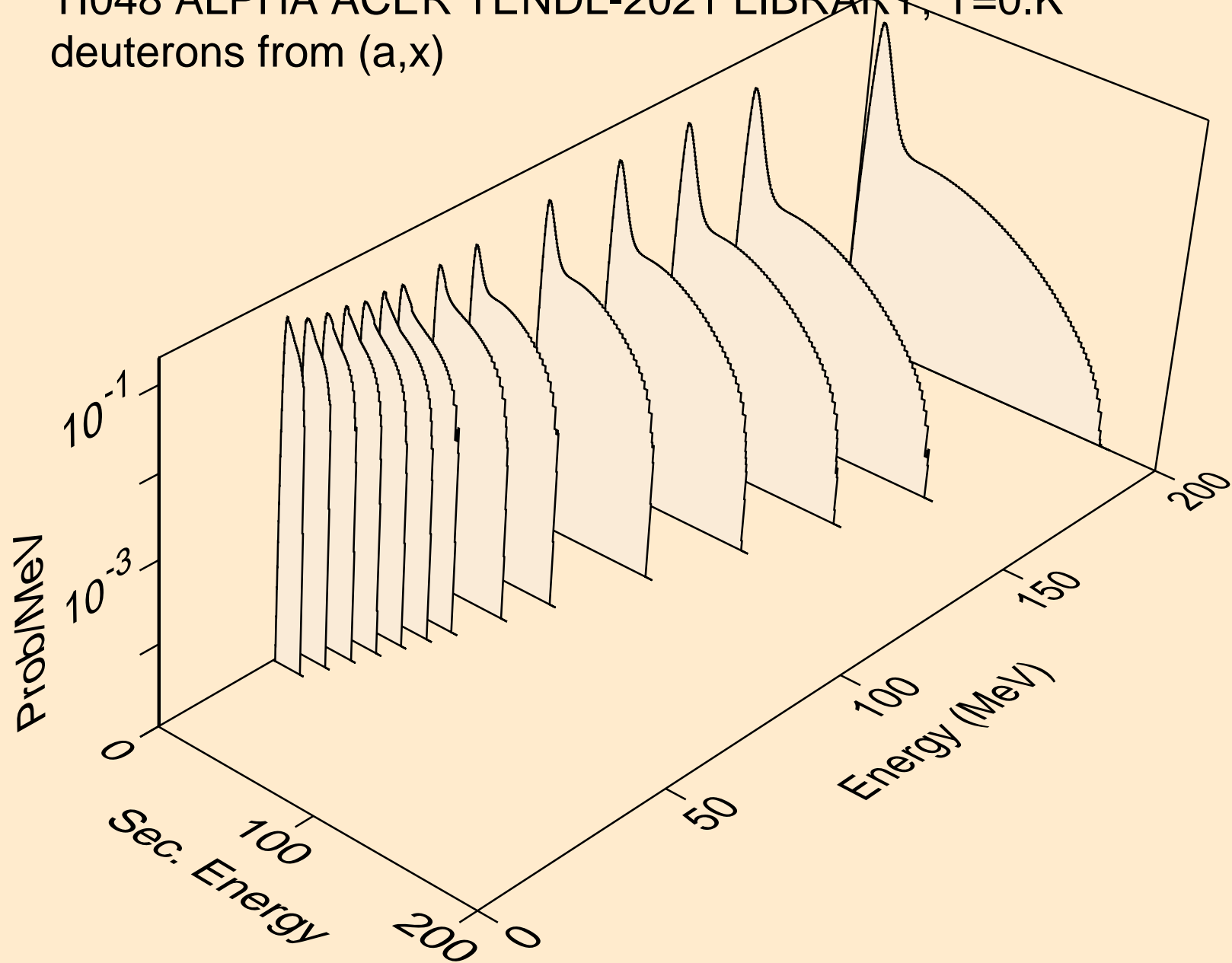
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protons from (a,pd)



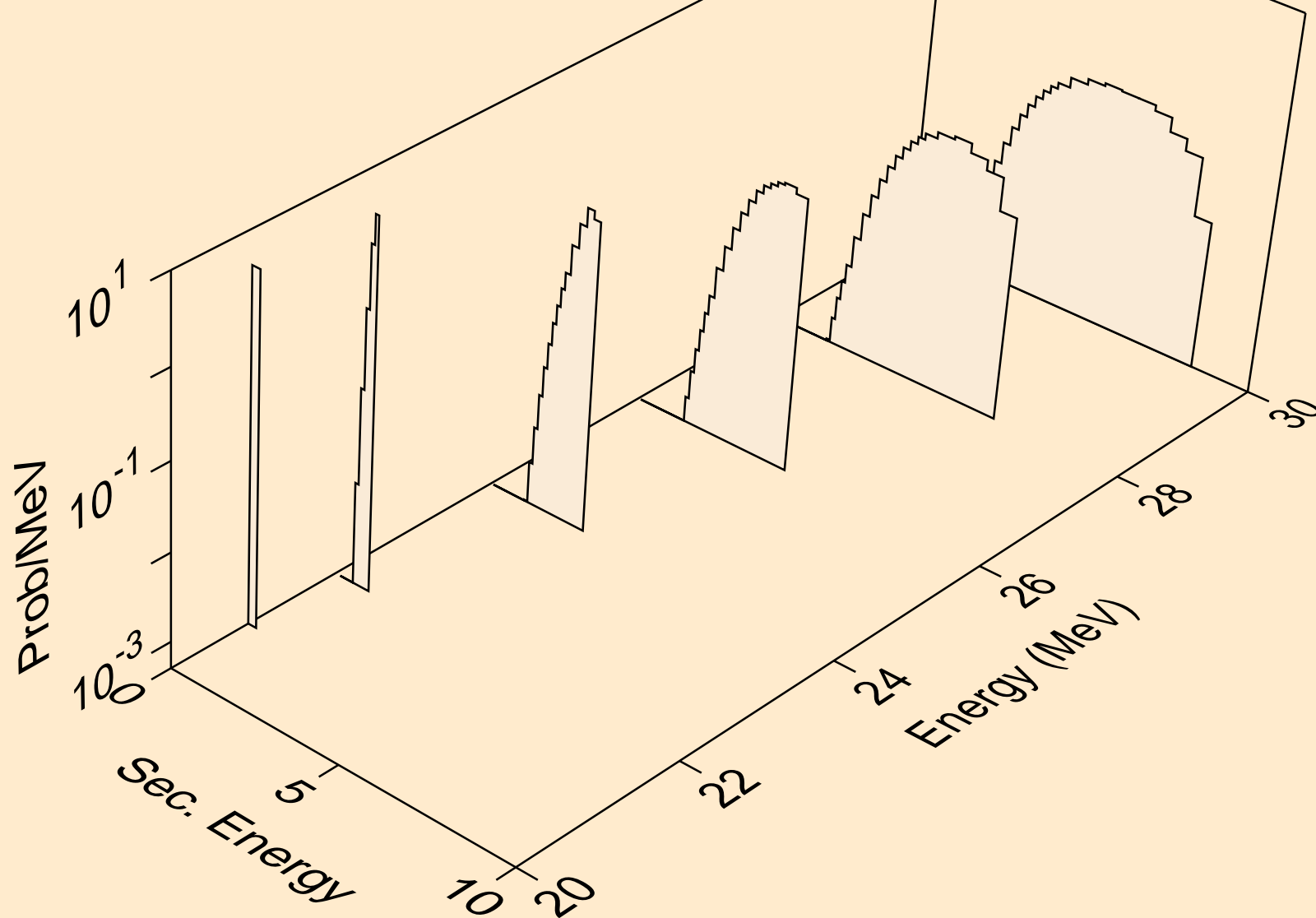
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)



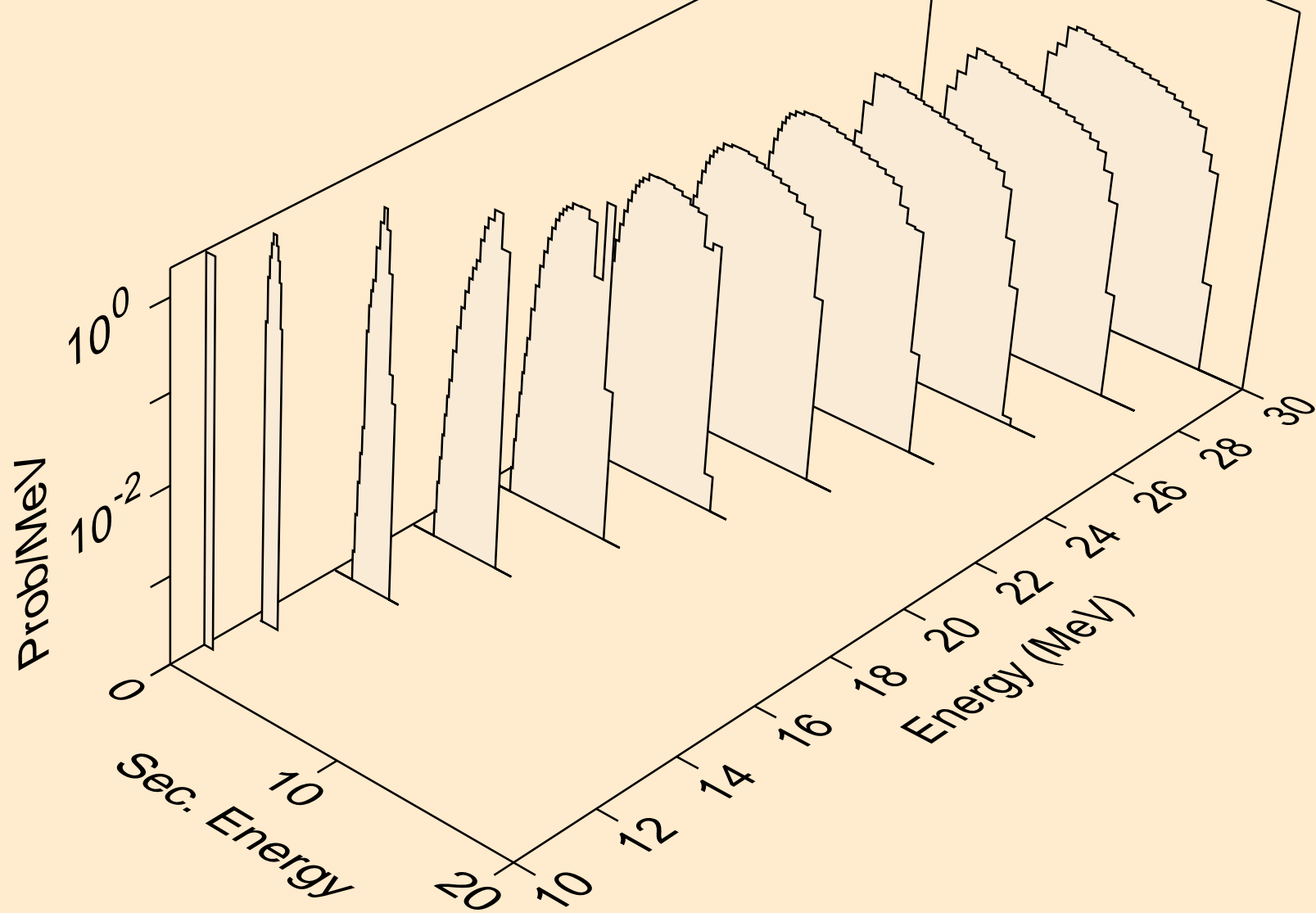
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



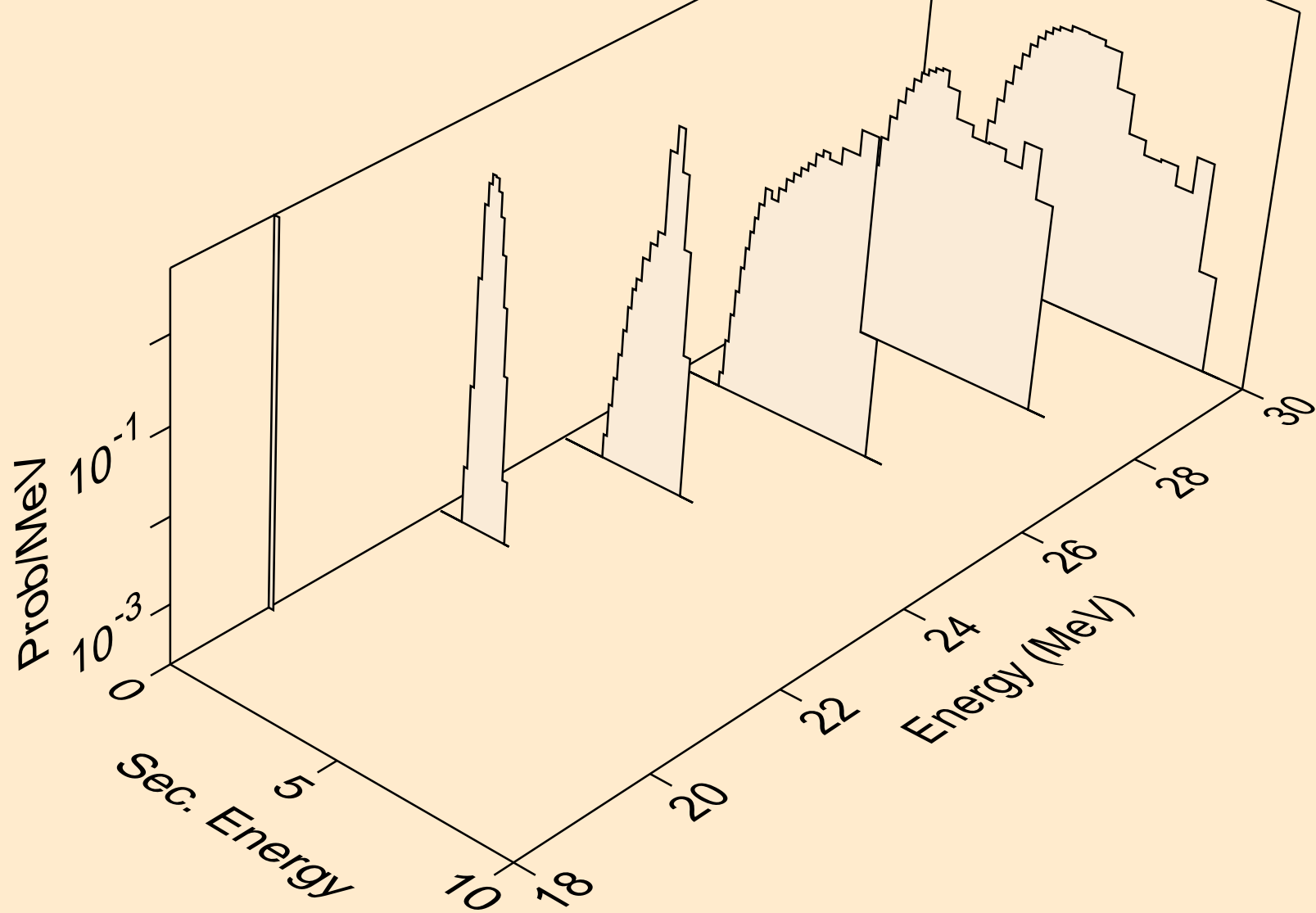
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



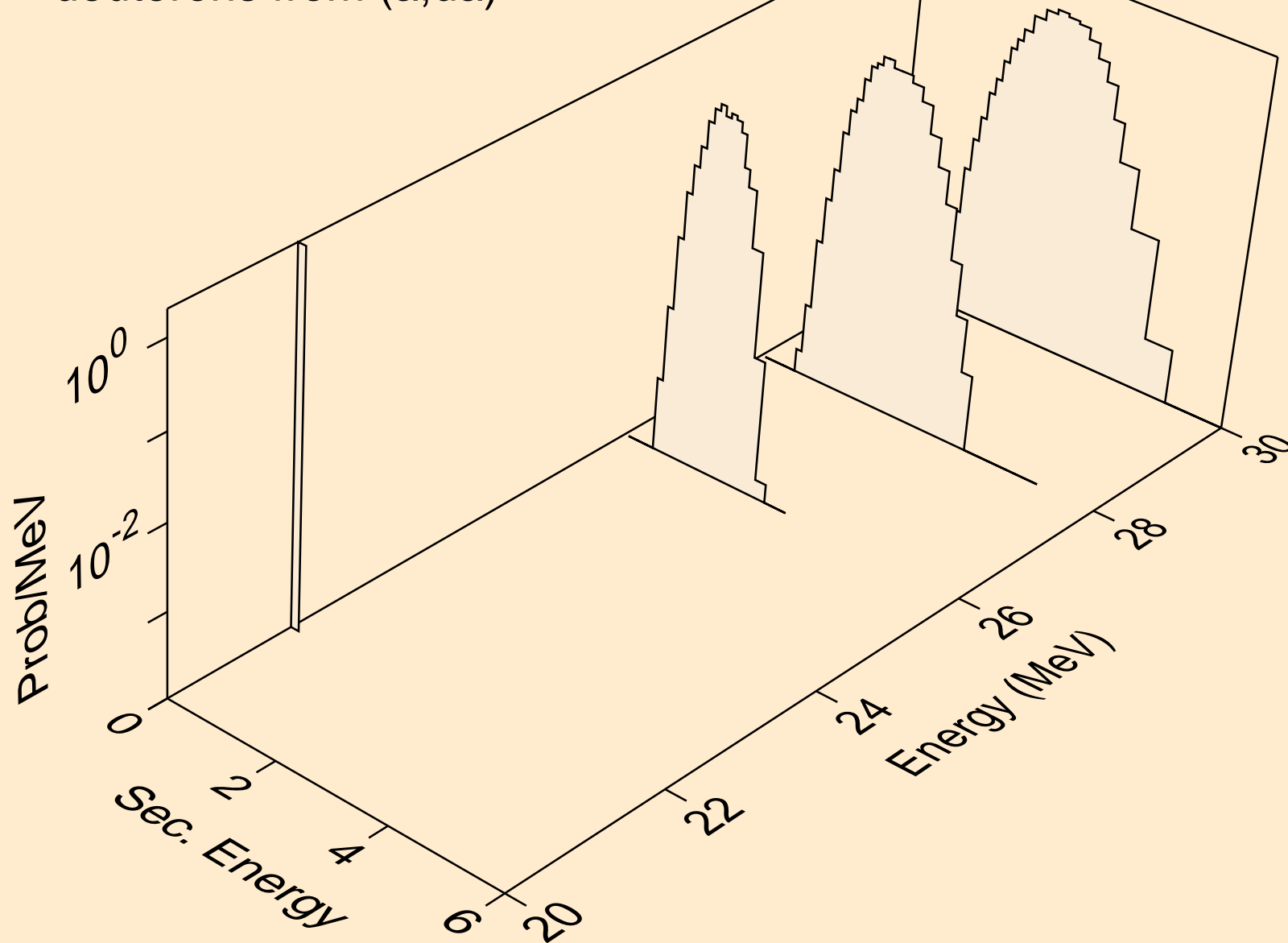
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)

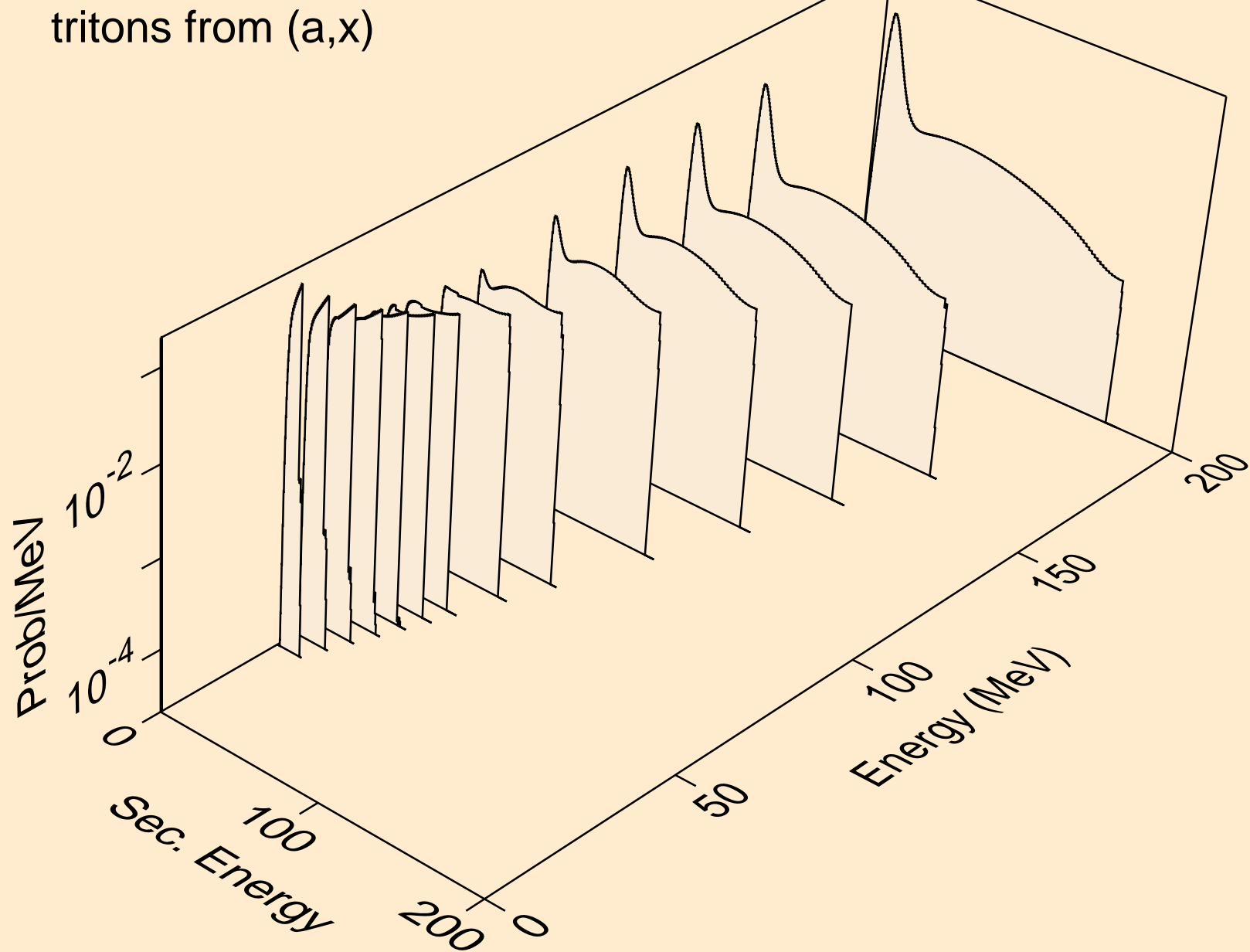


TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)

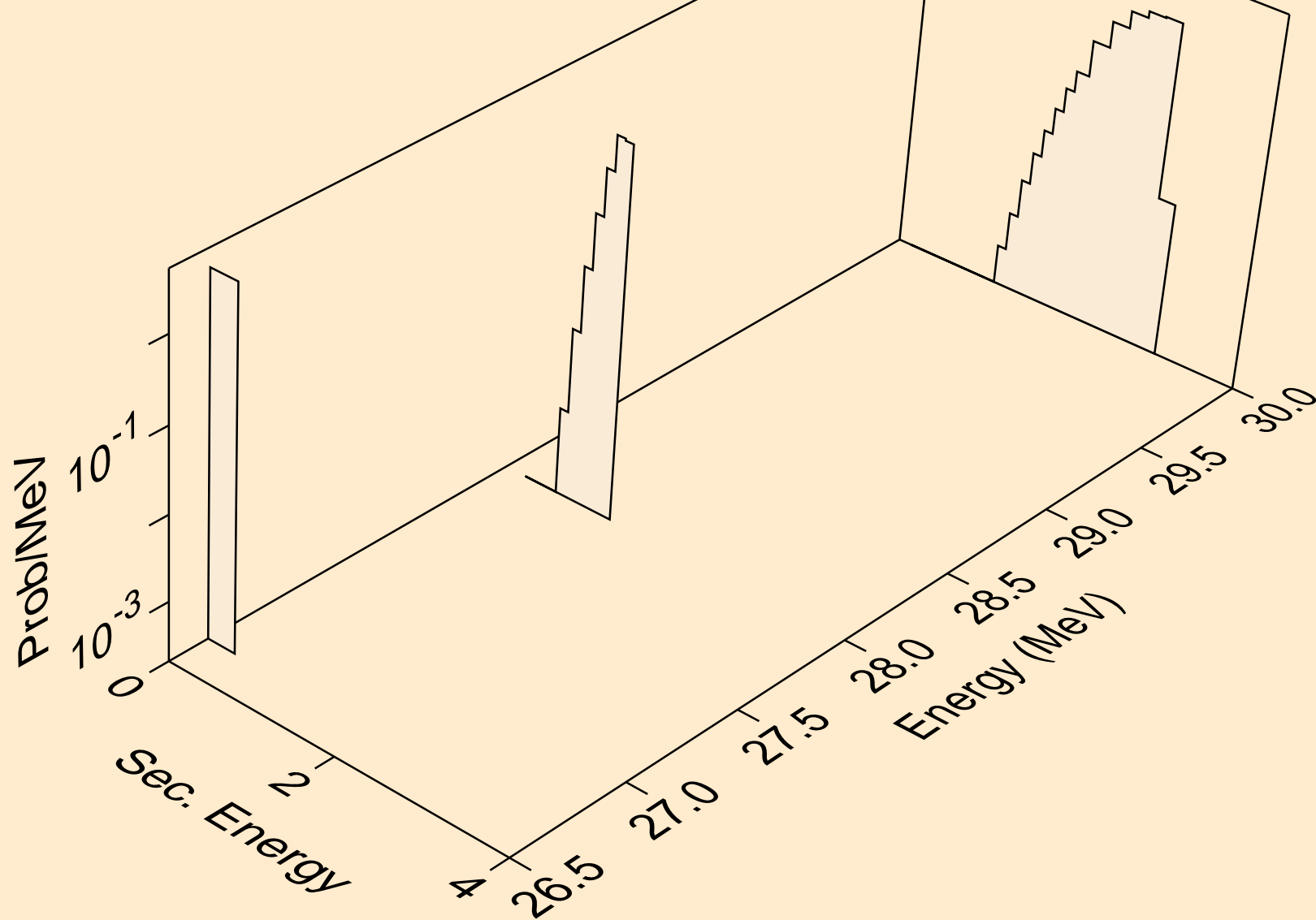




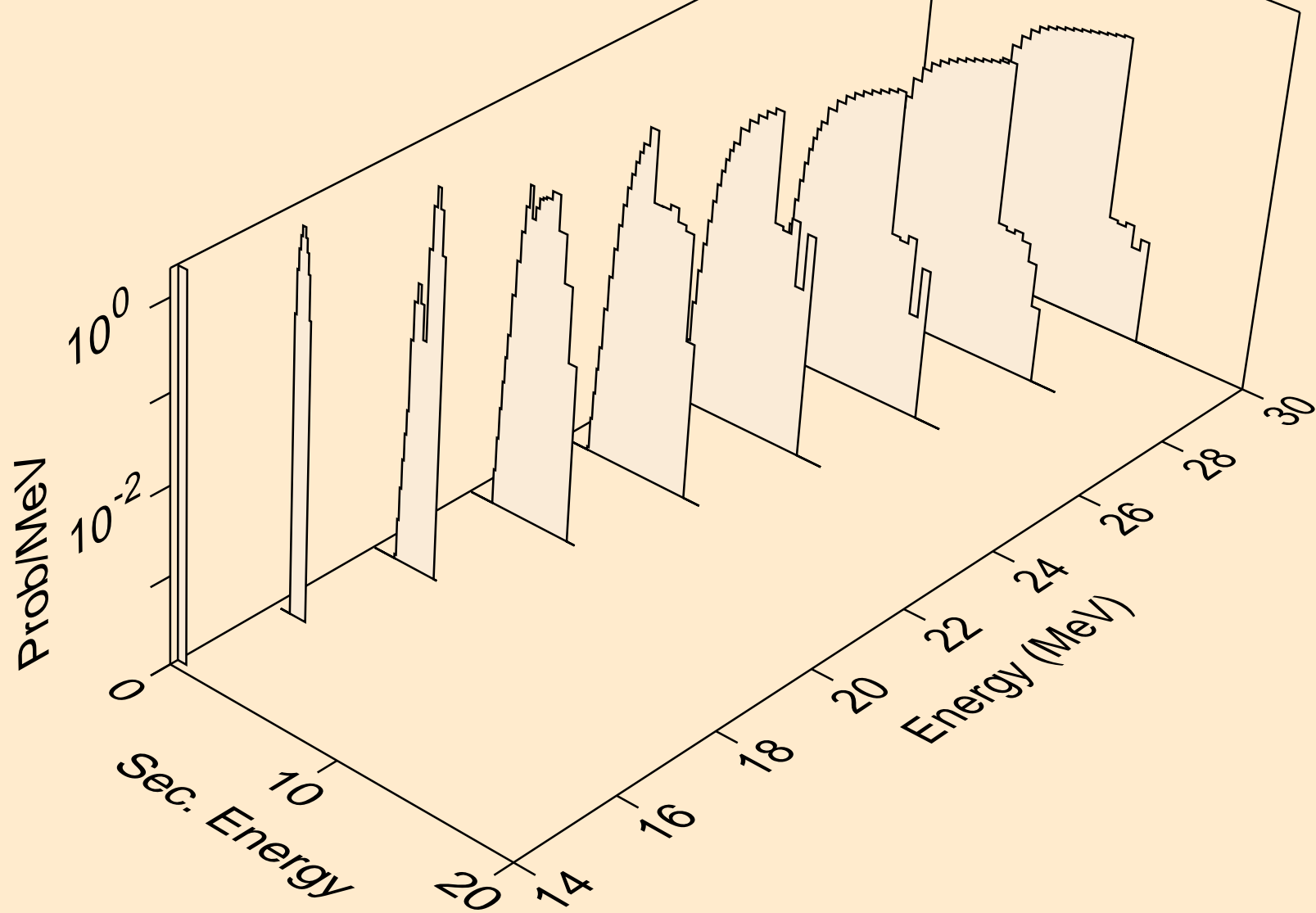
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



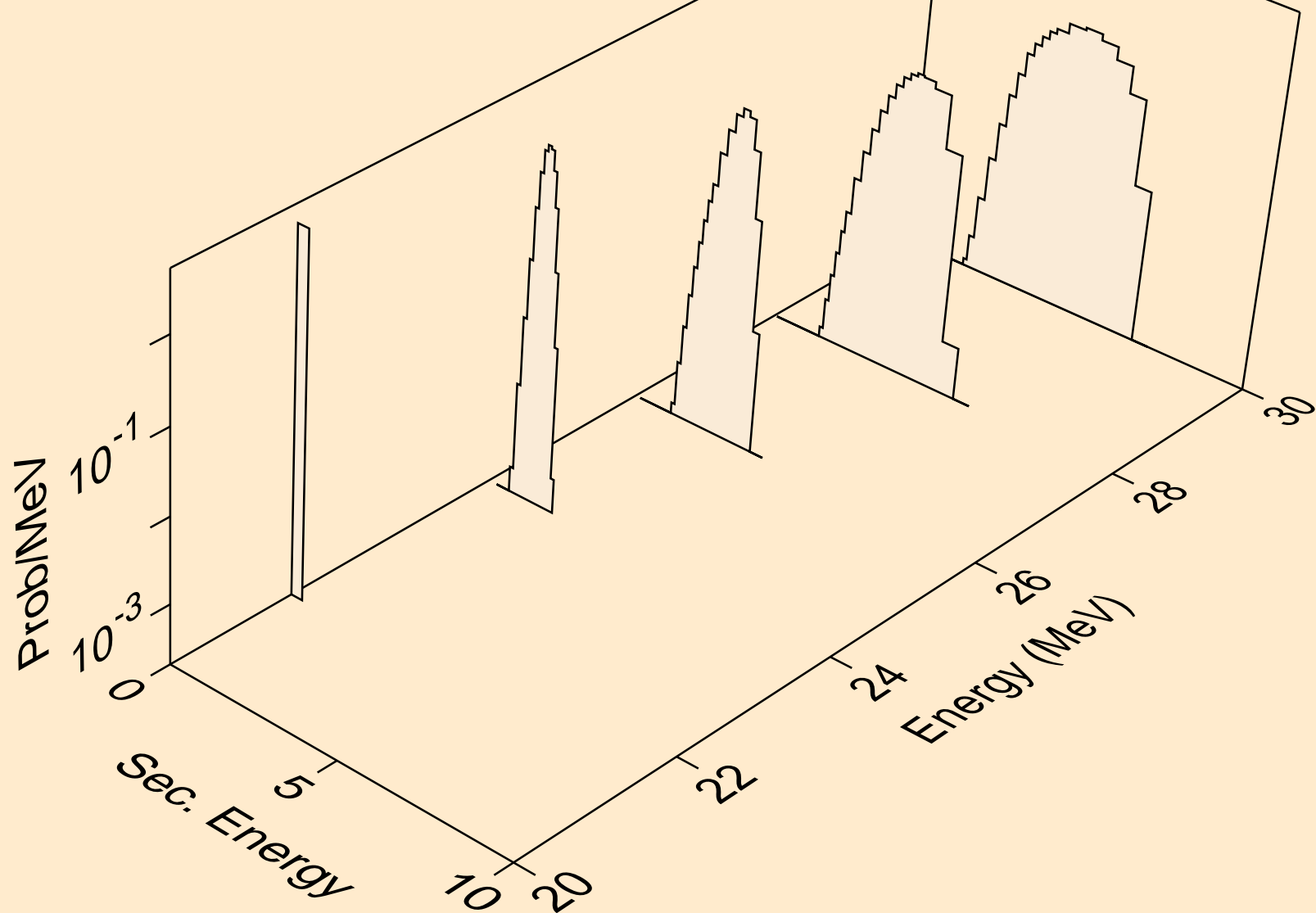
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



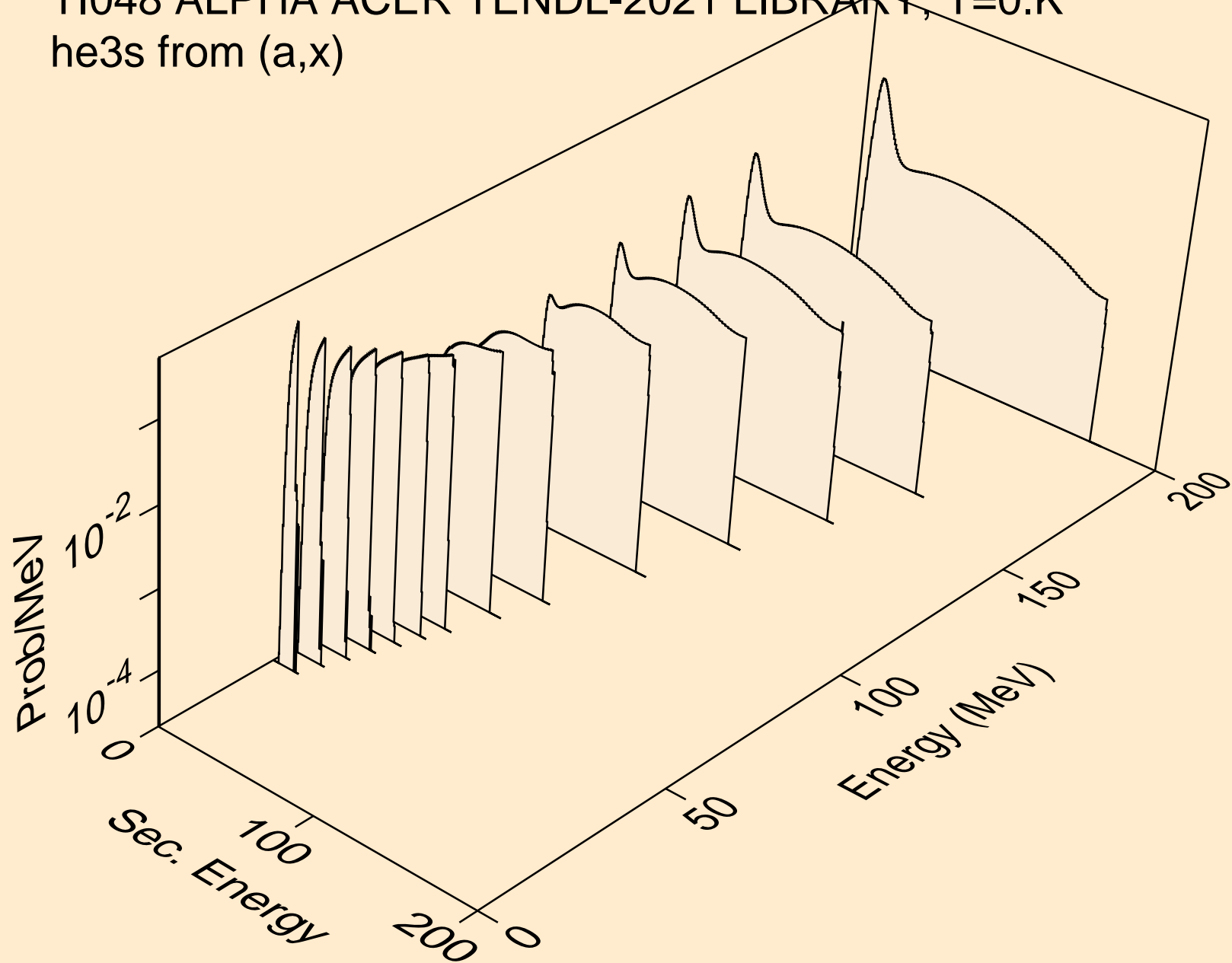
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tritons from (a,t)



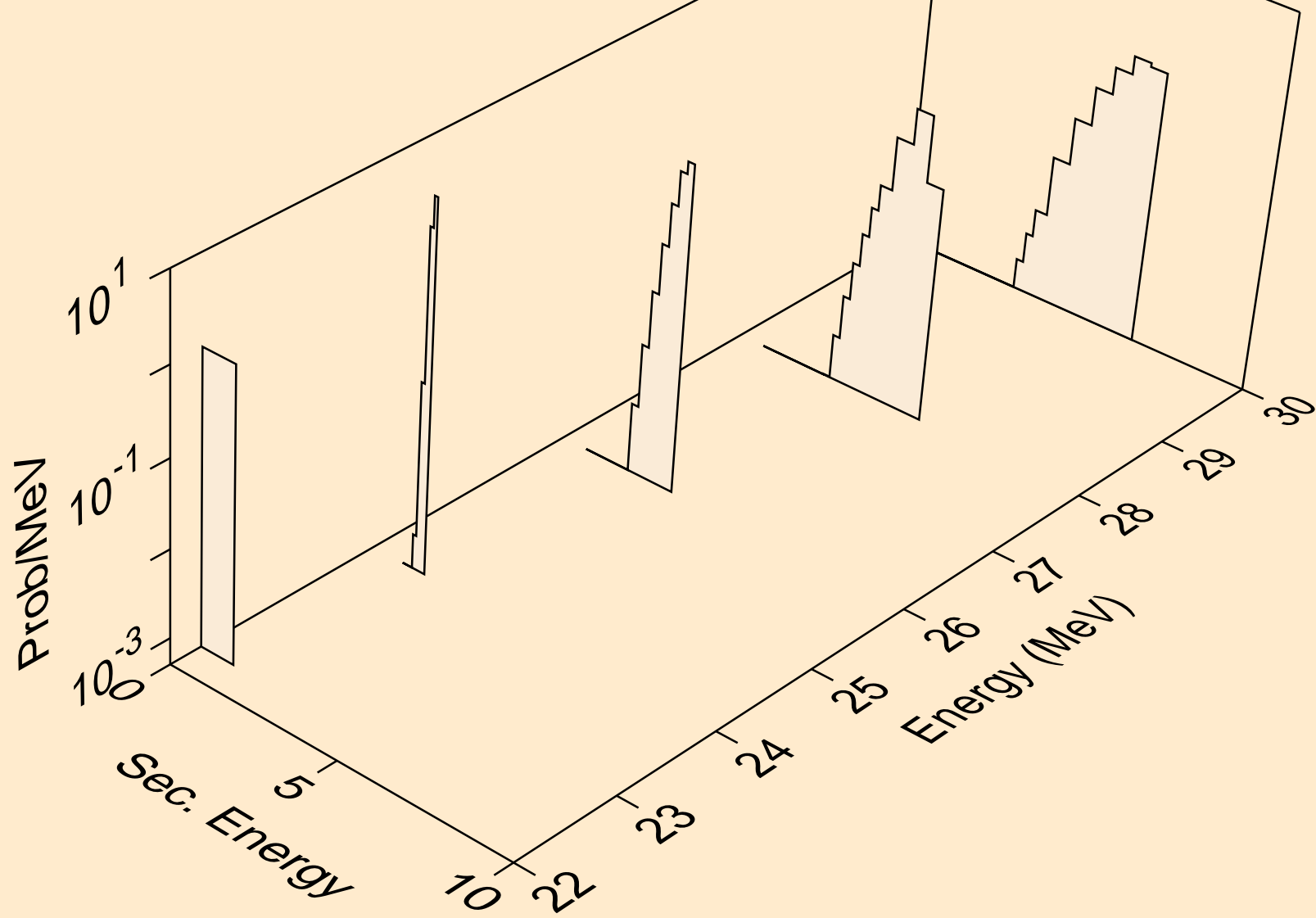
TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



TI048 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

