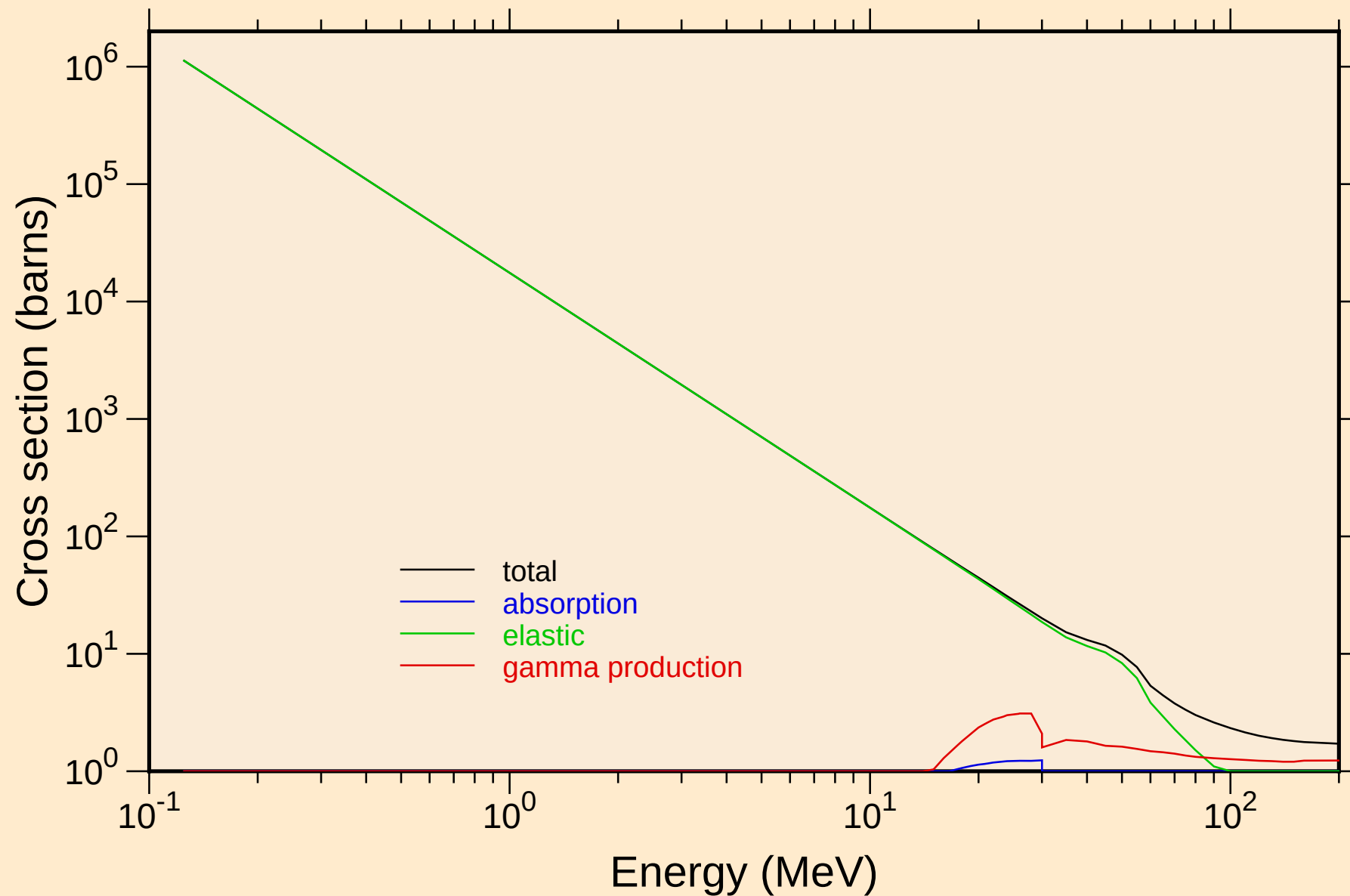


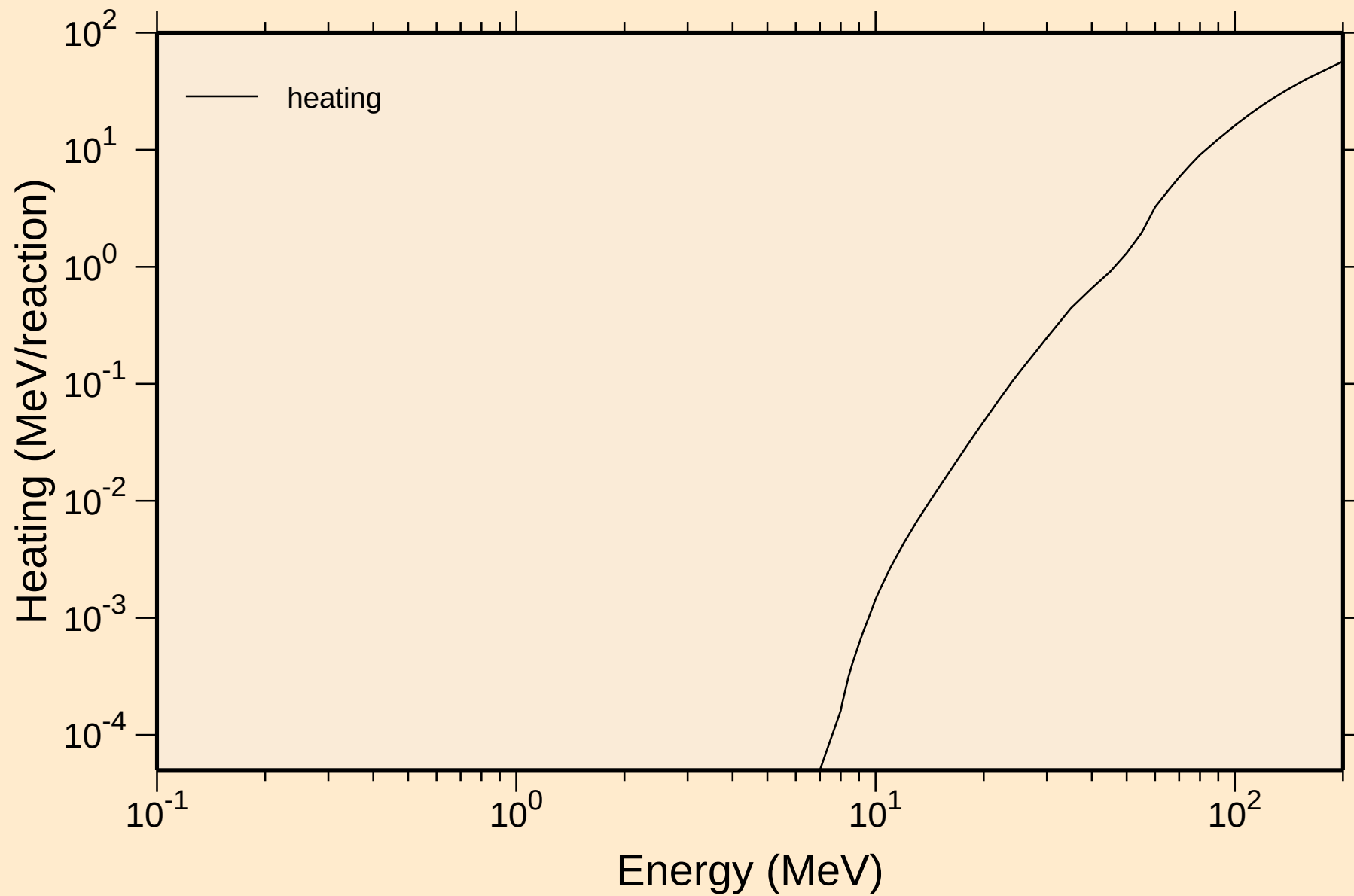
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



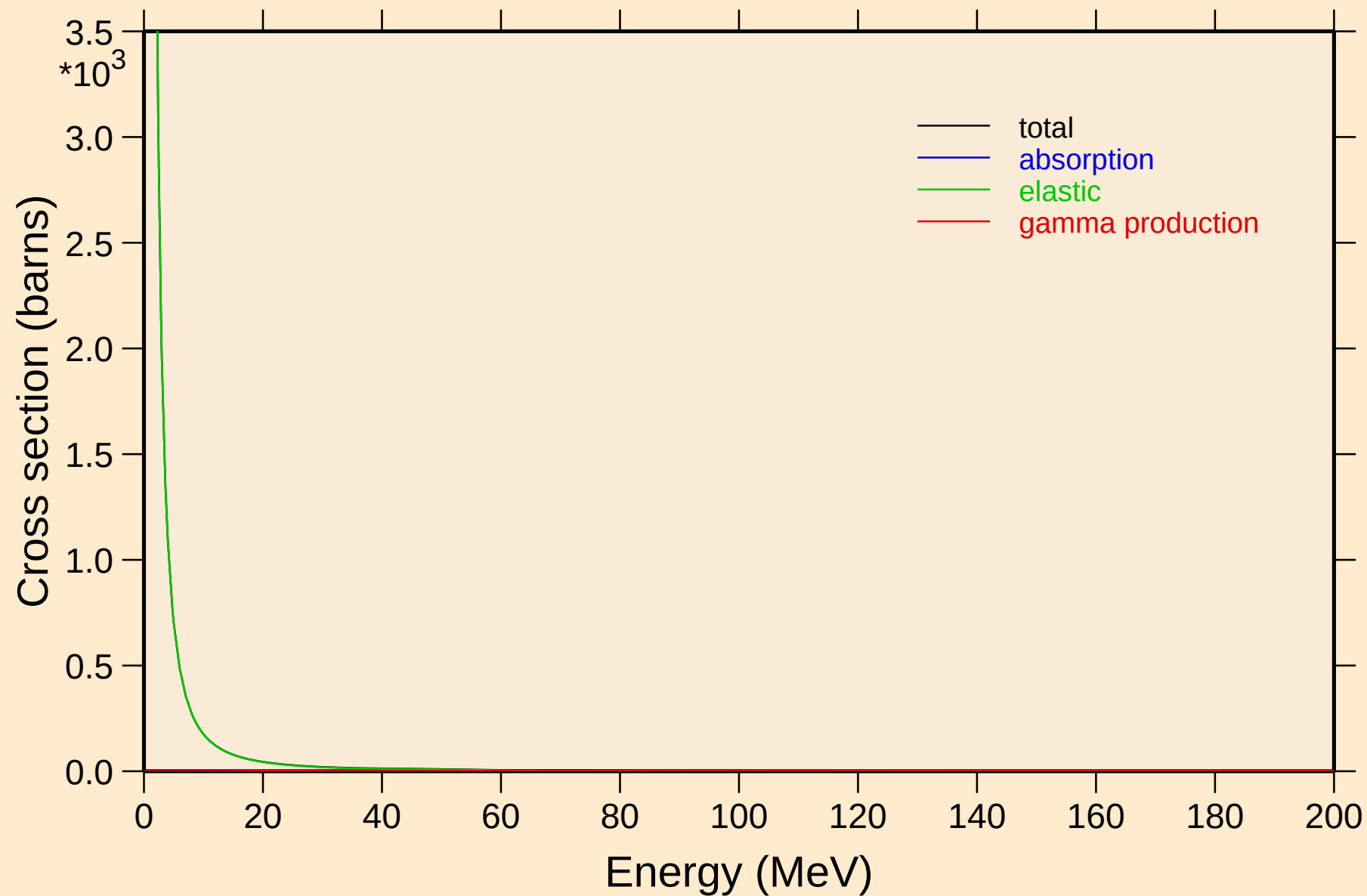
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



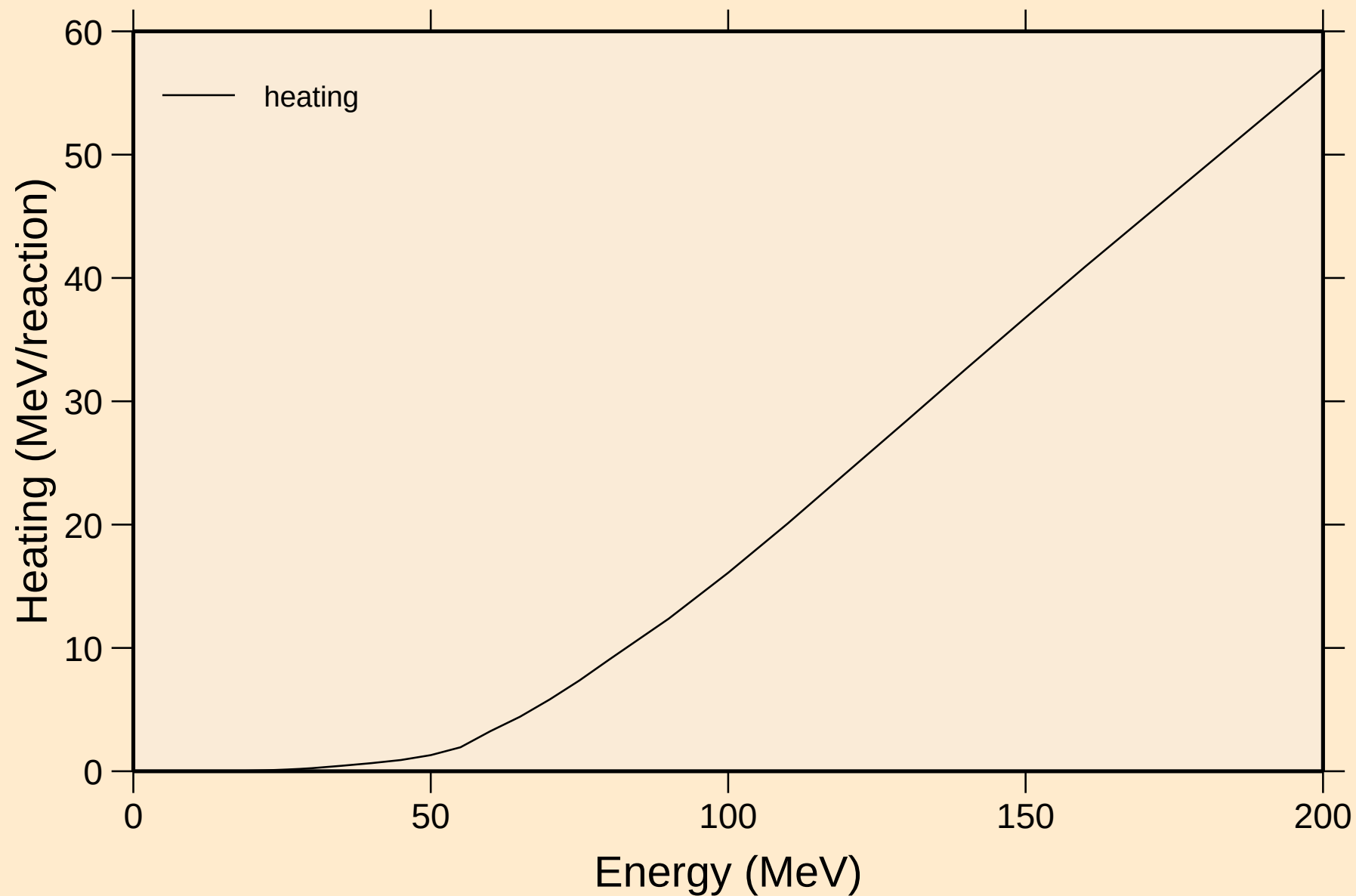
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



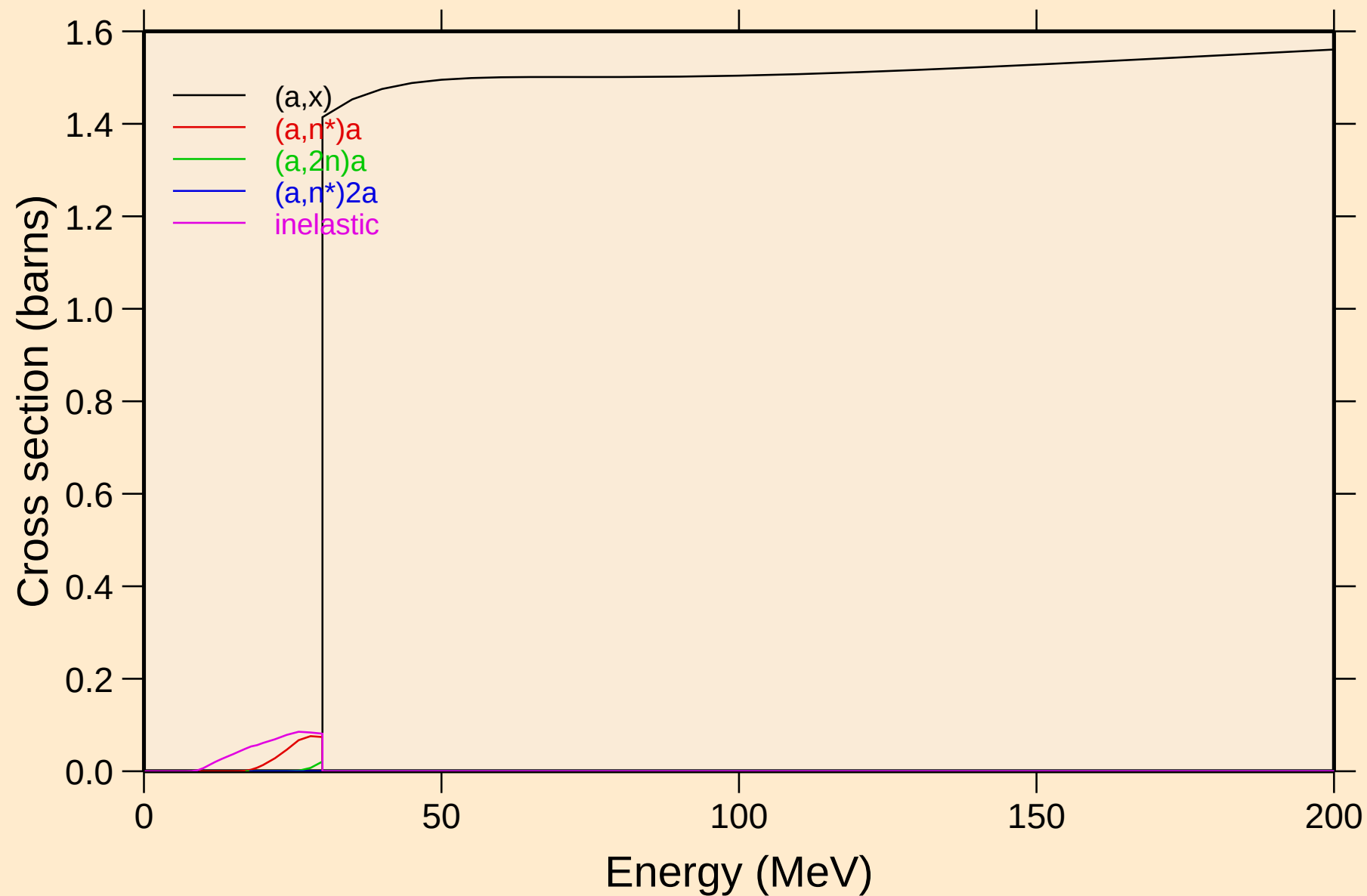
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



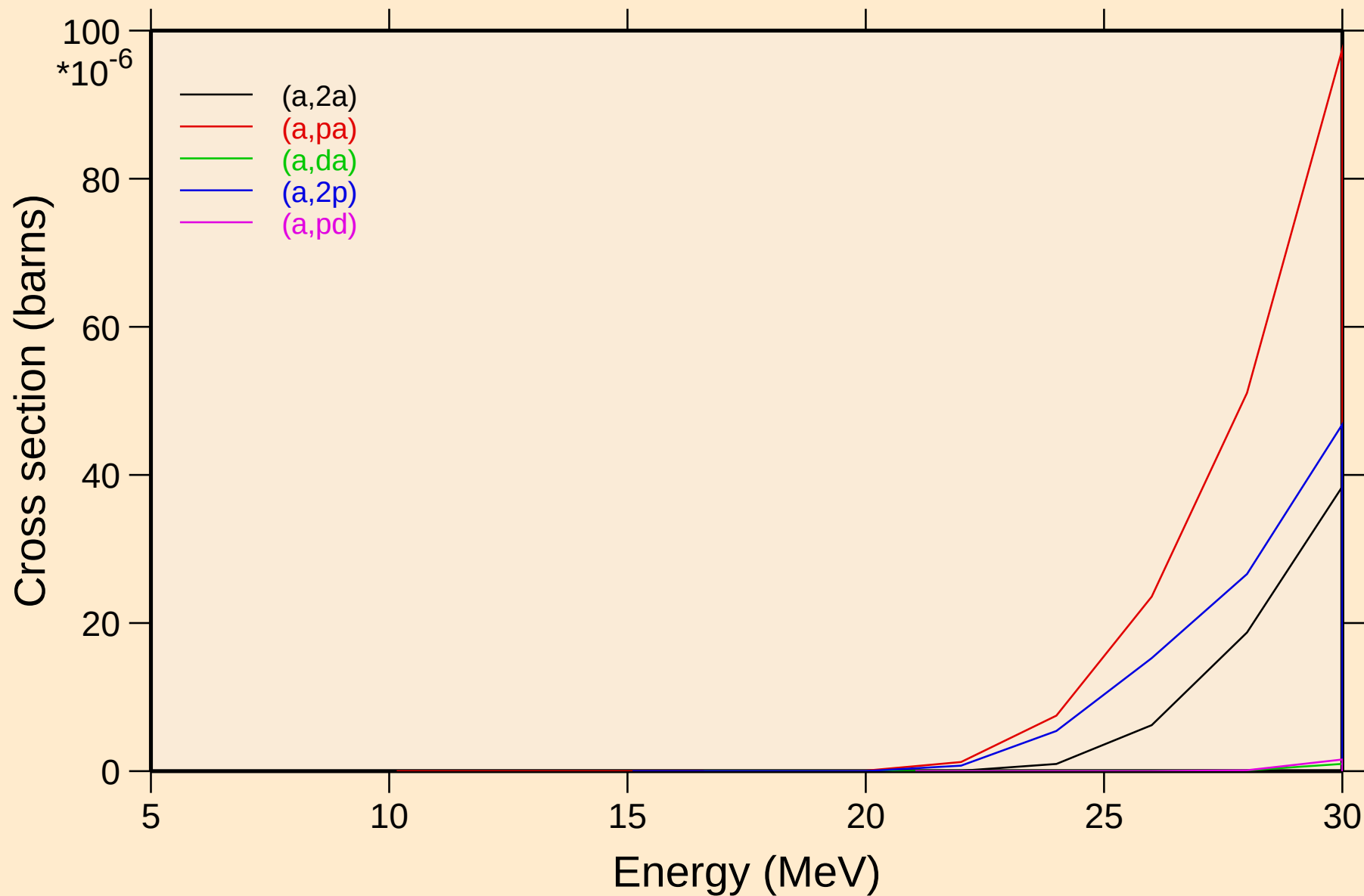
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



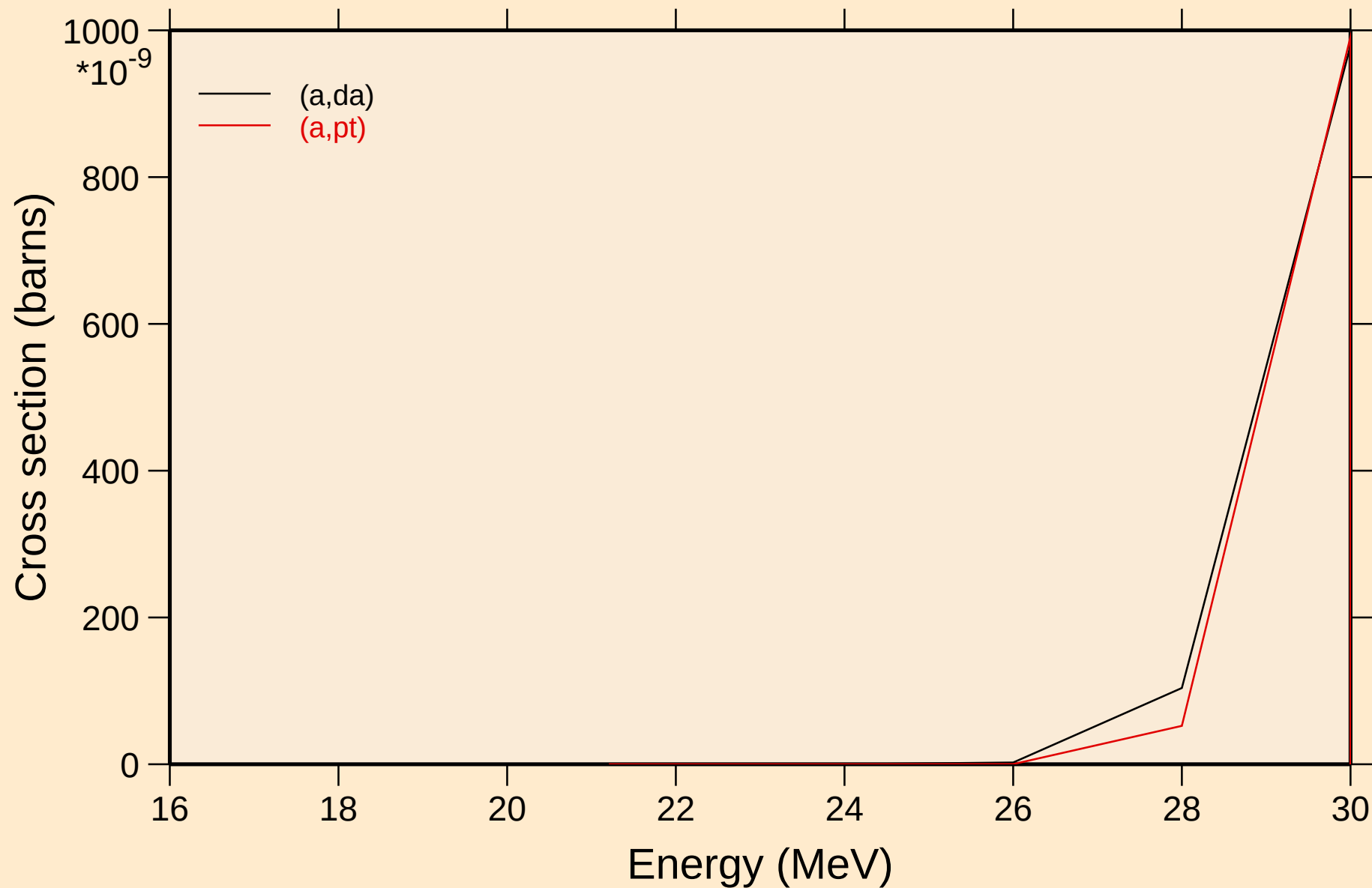
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



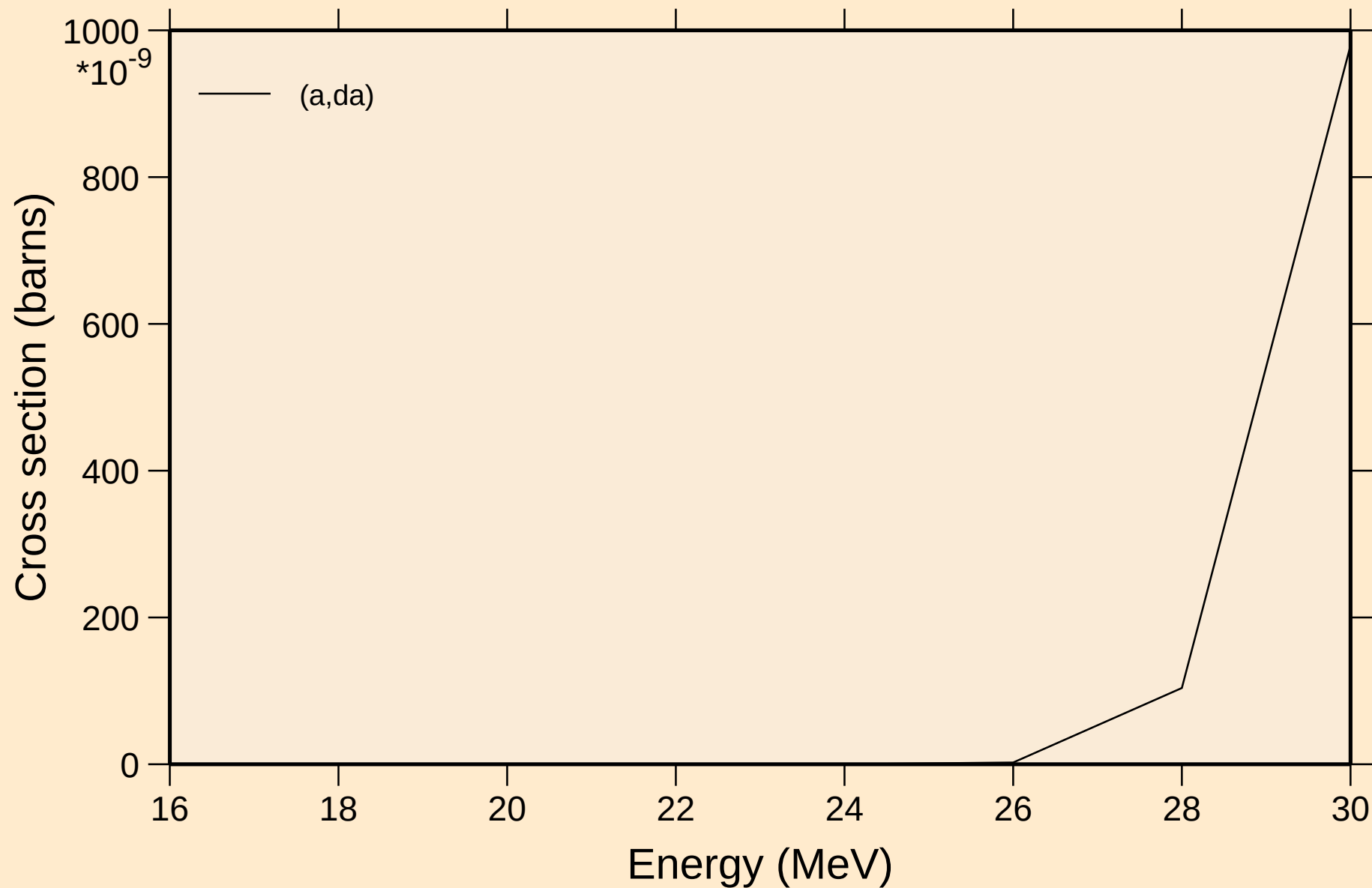
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



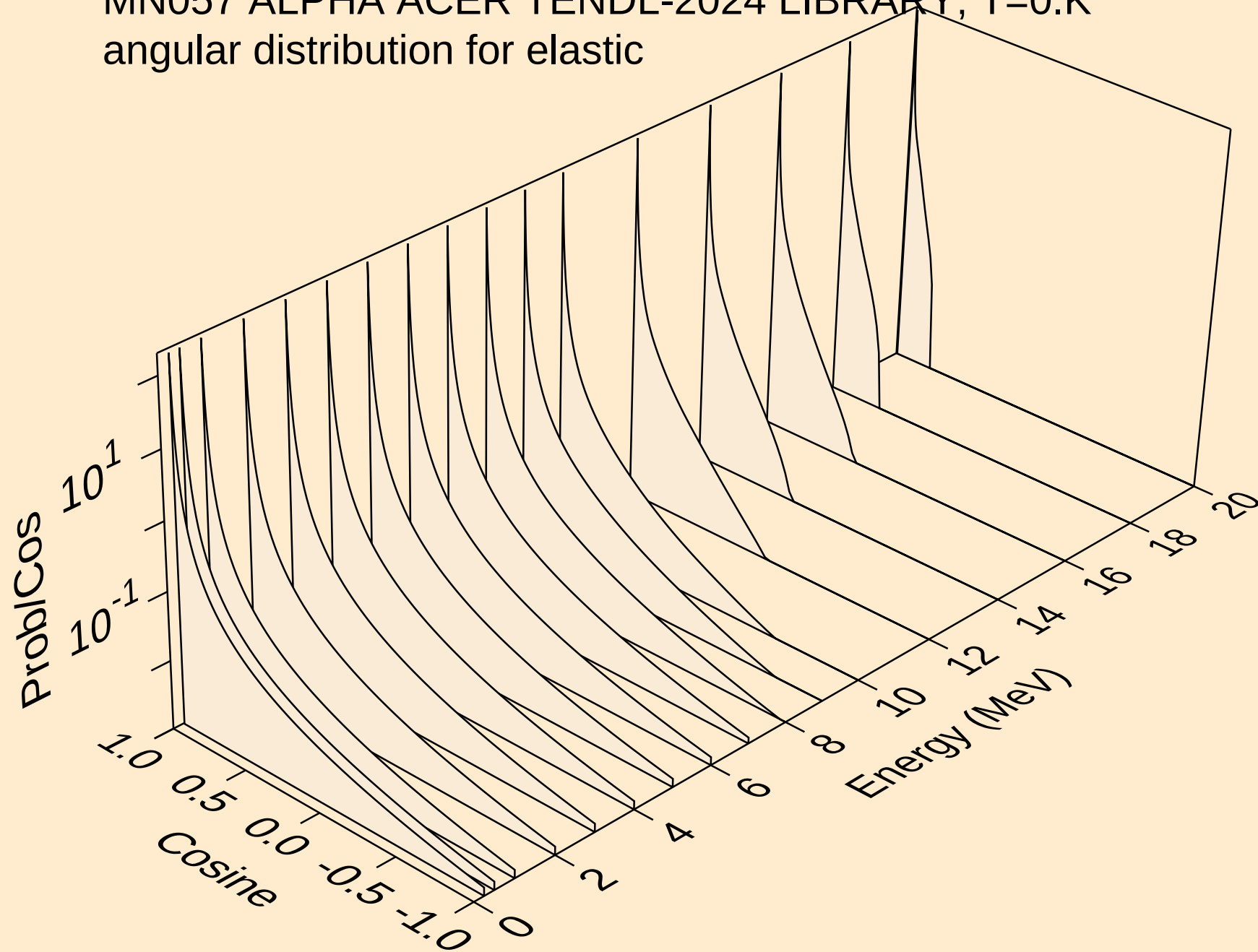
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

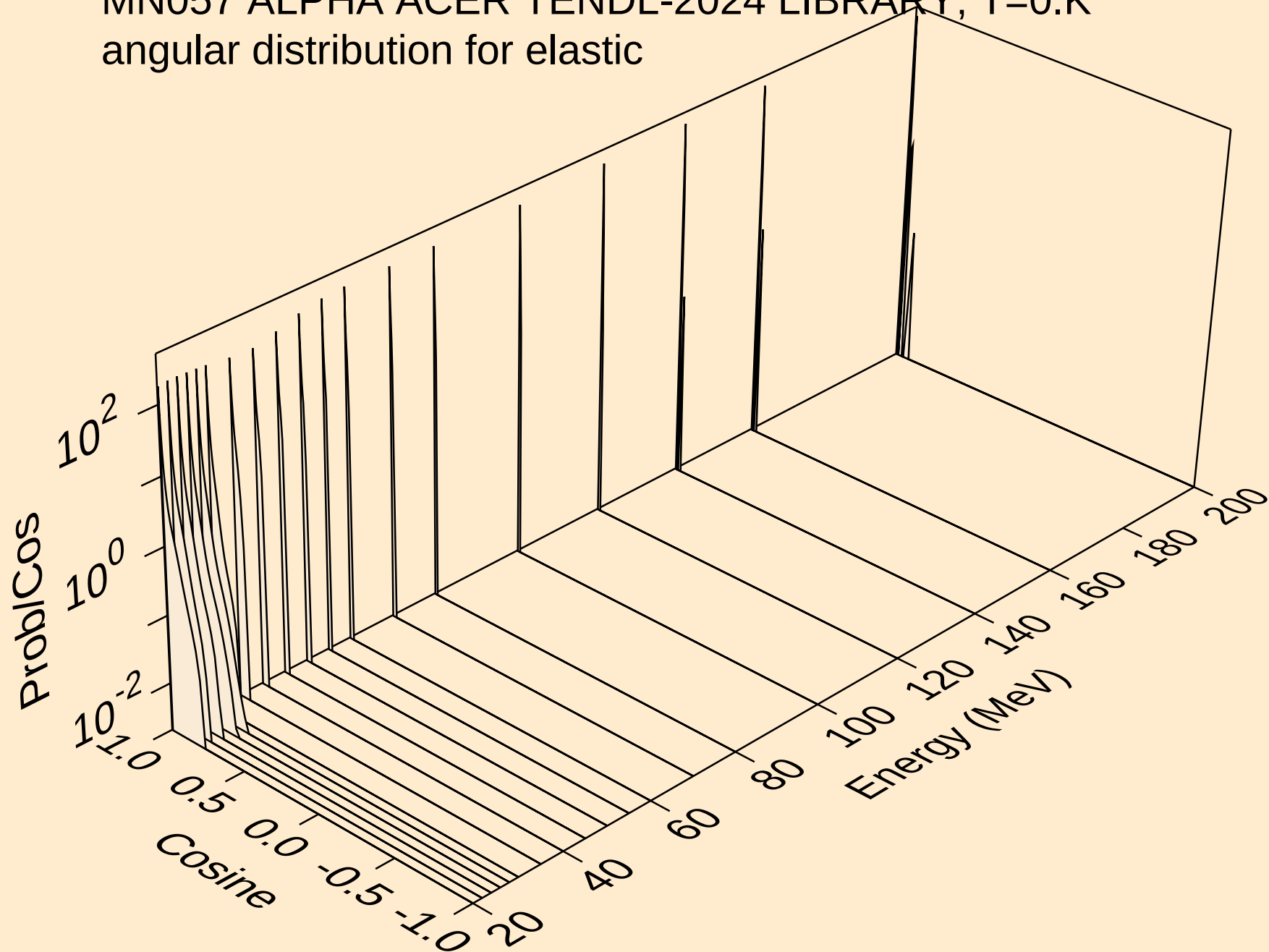




MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

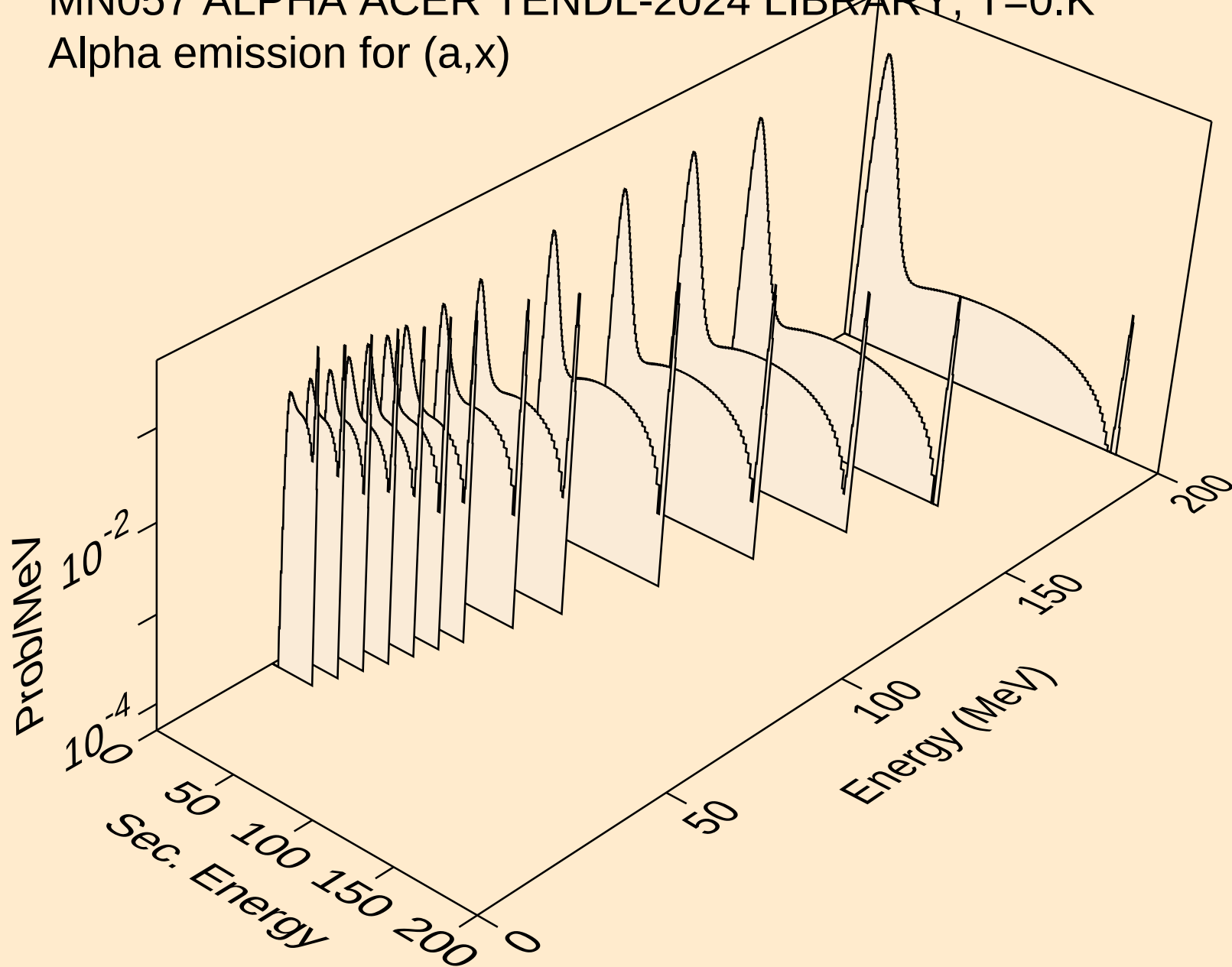


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



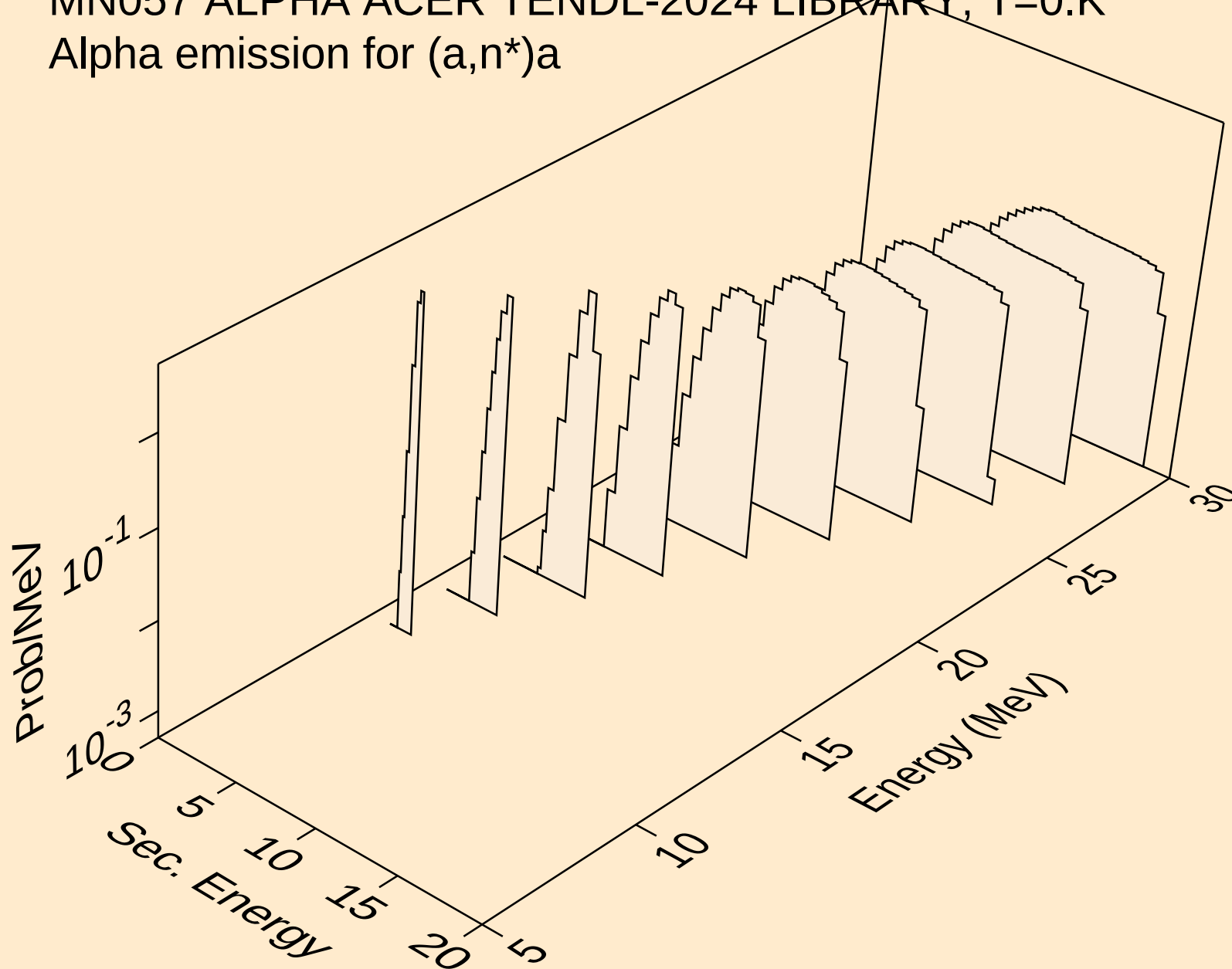
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



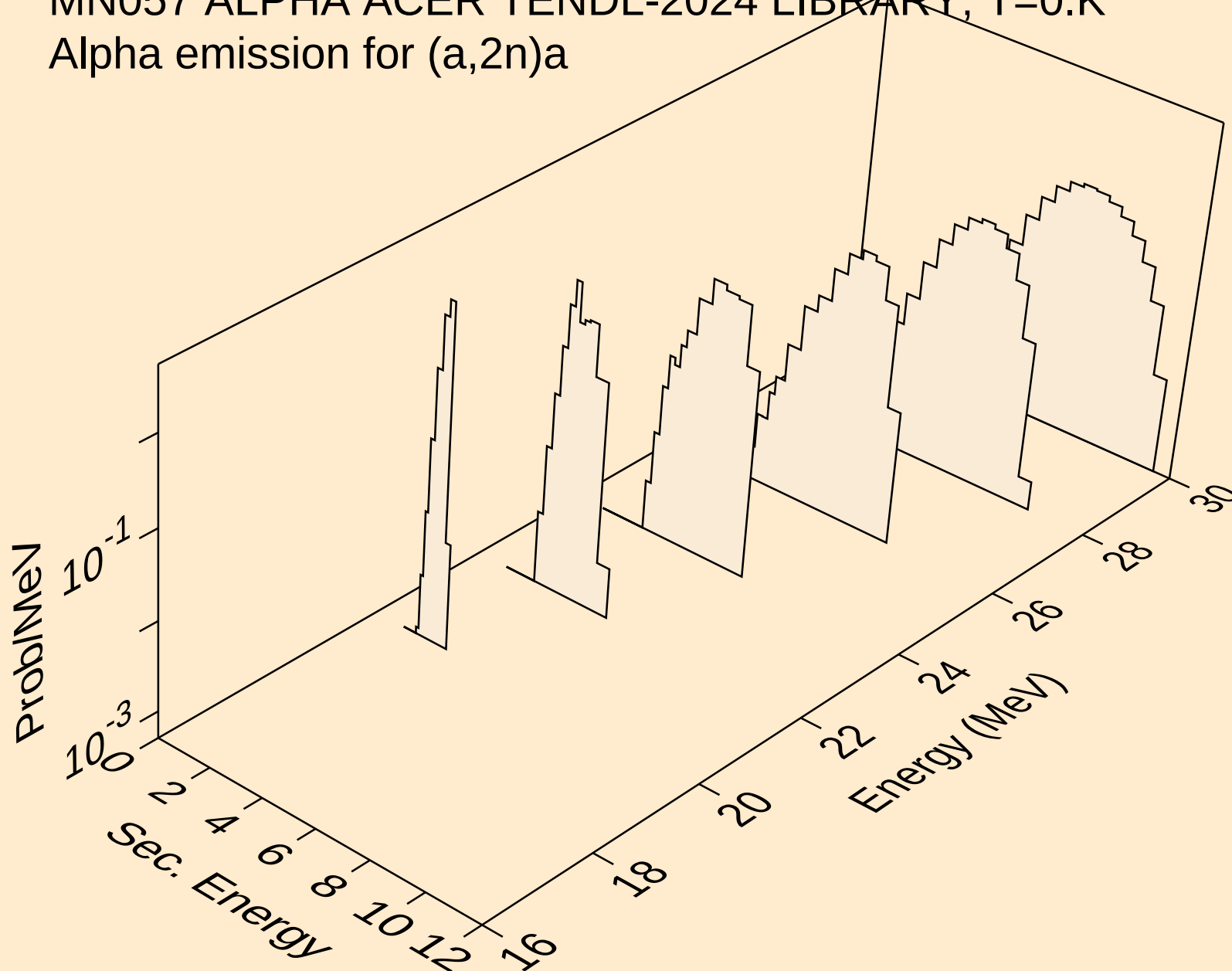
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



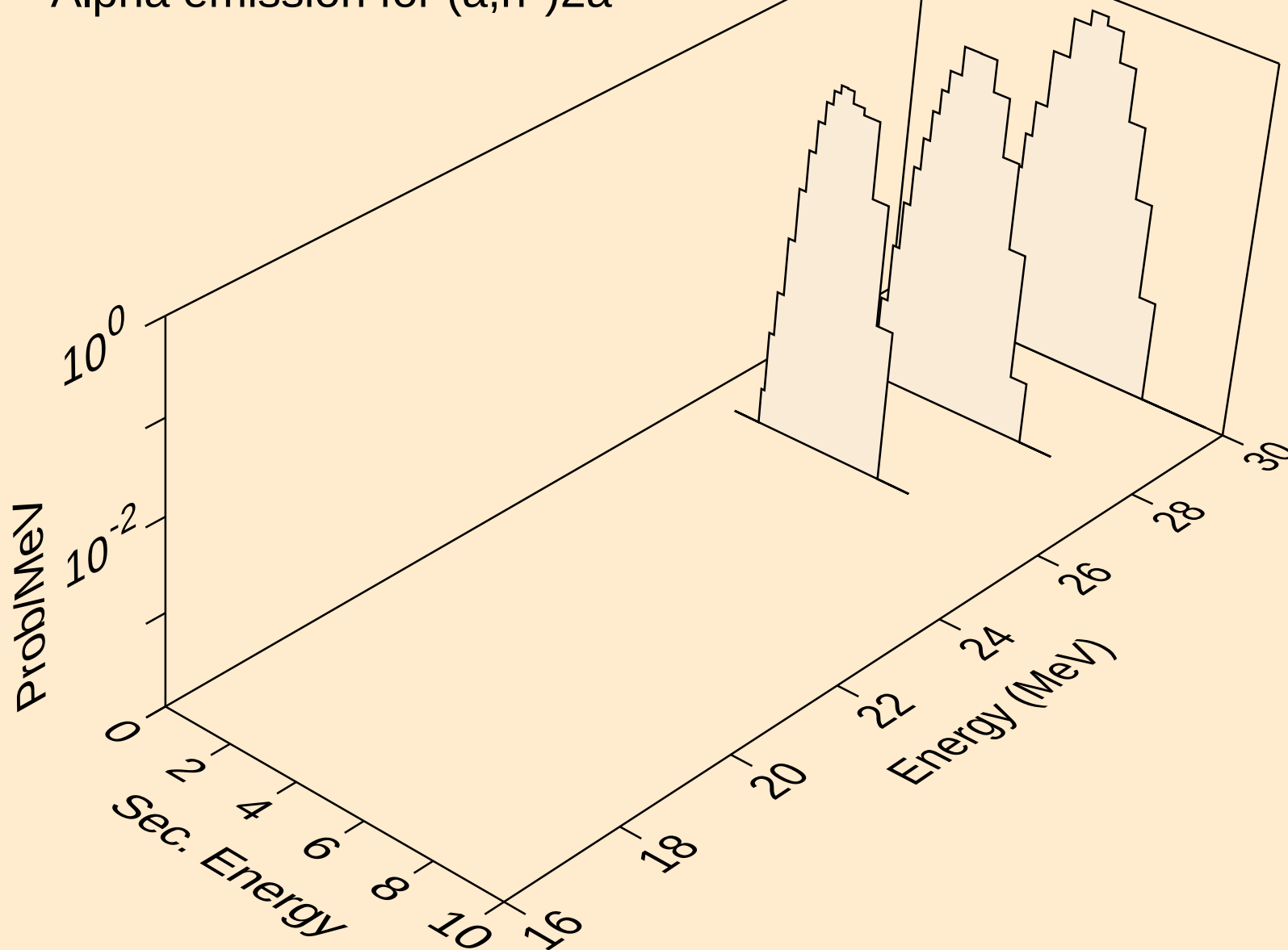
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



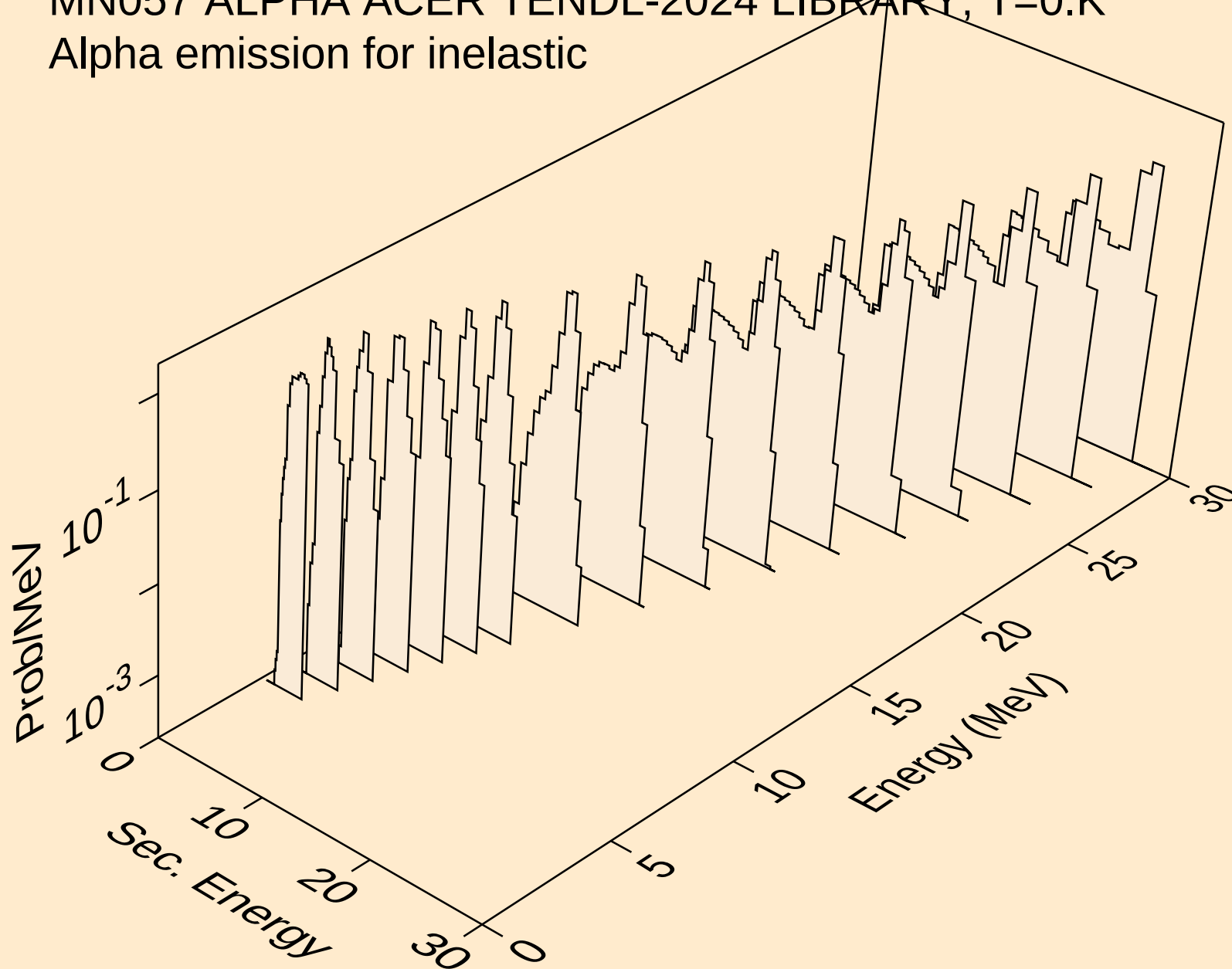
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)2a

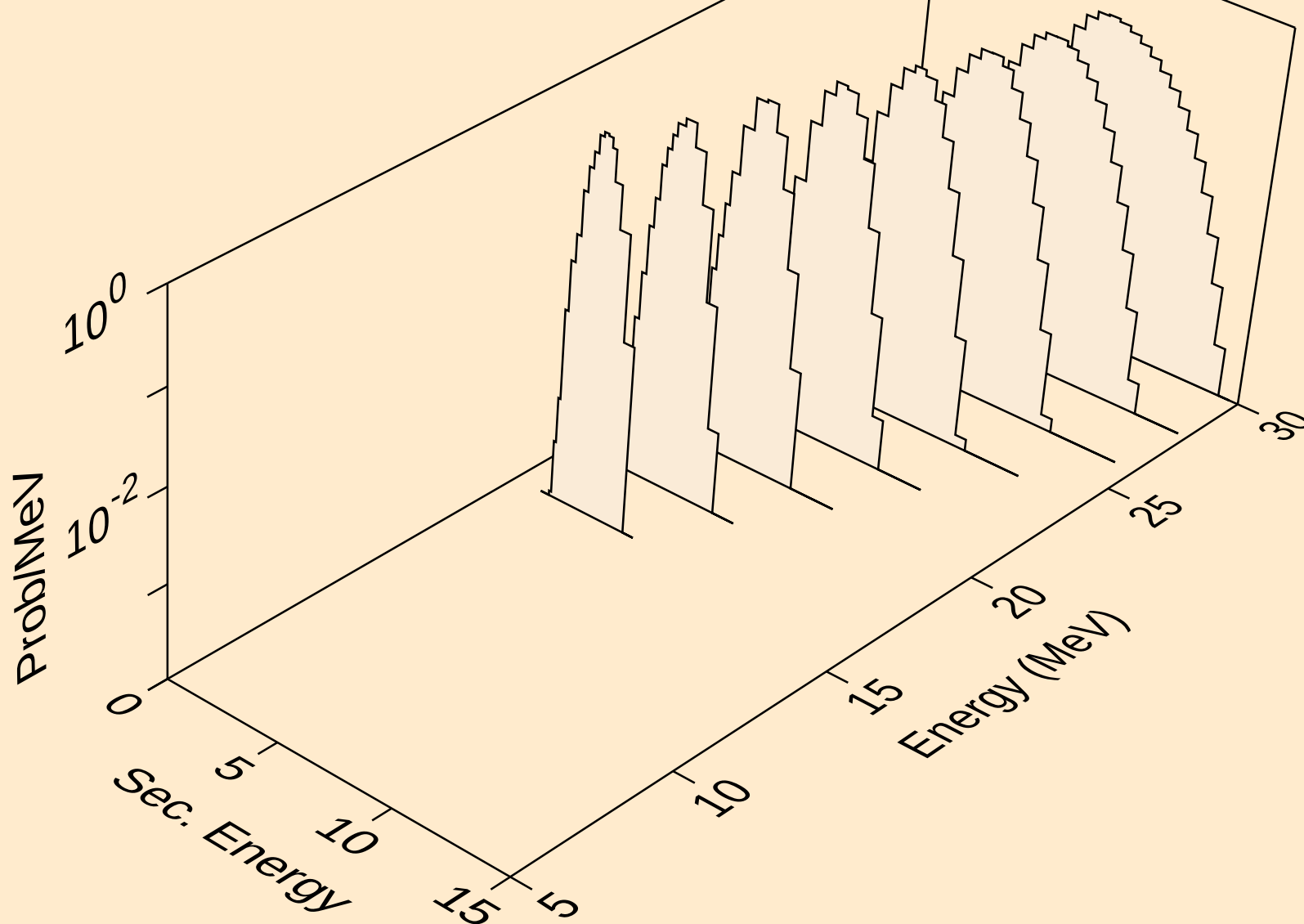


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic



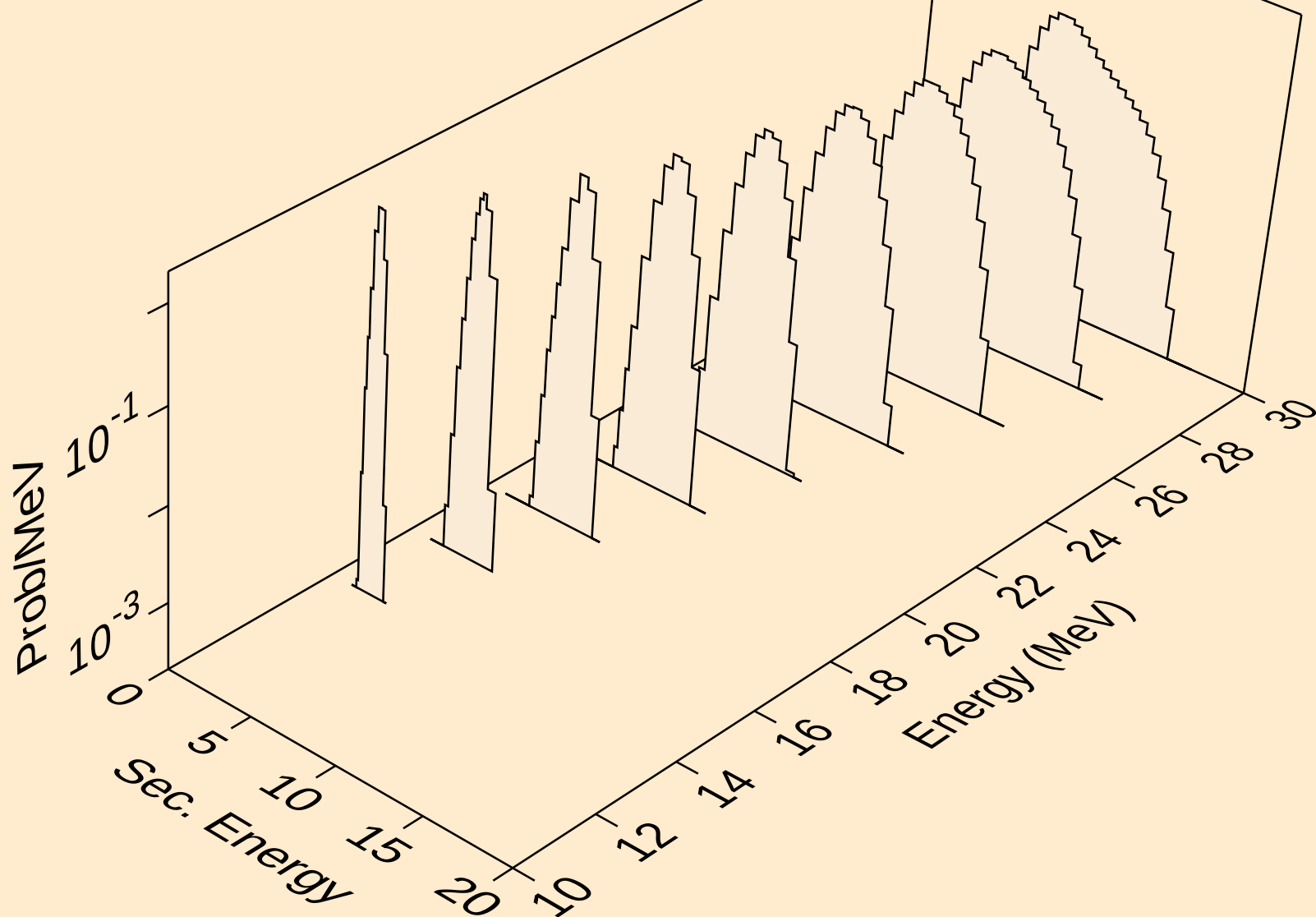
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)





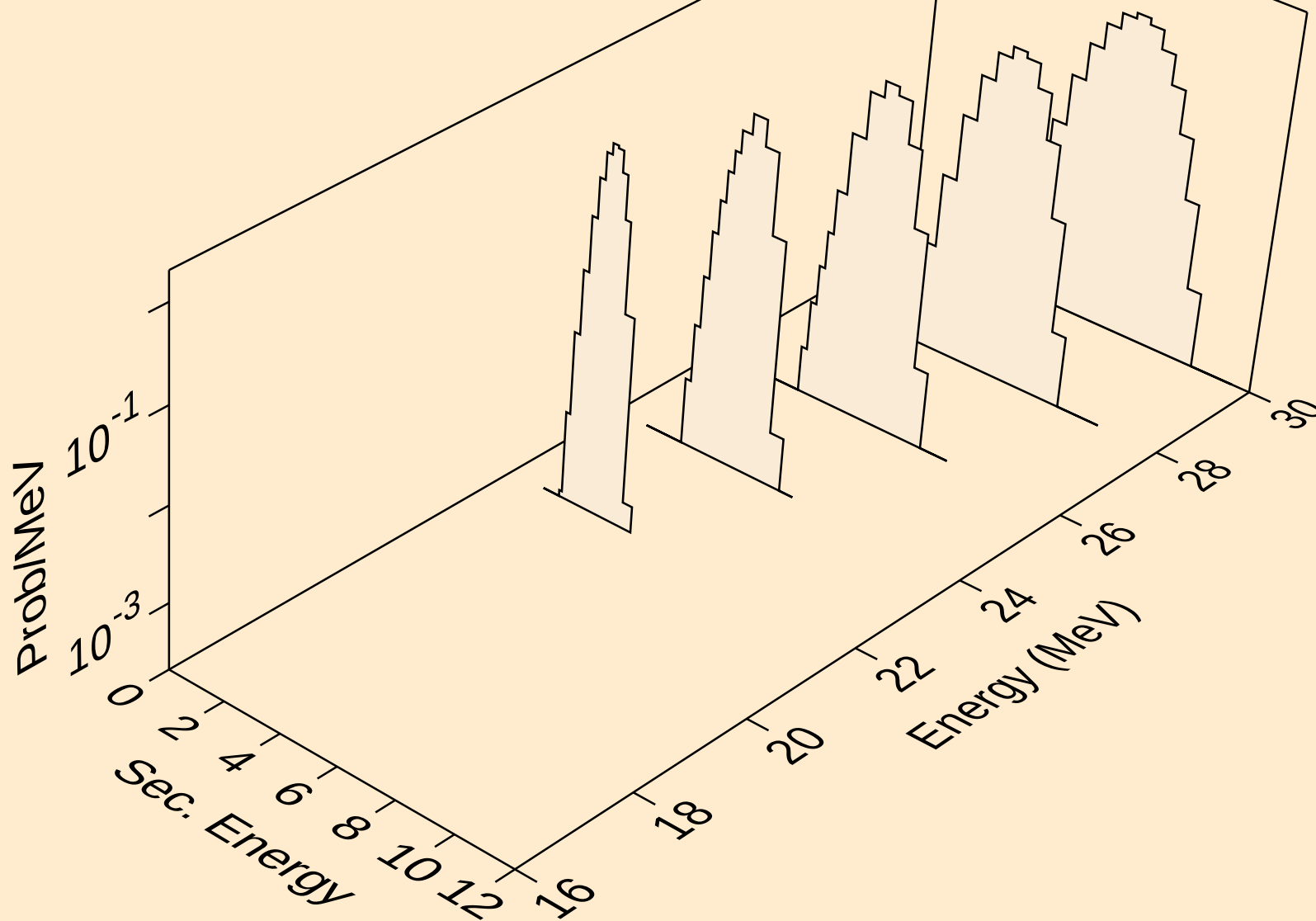
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

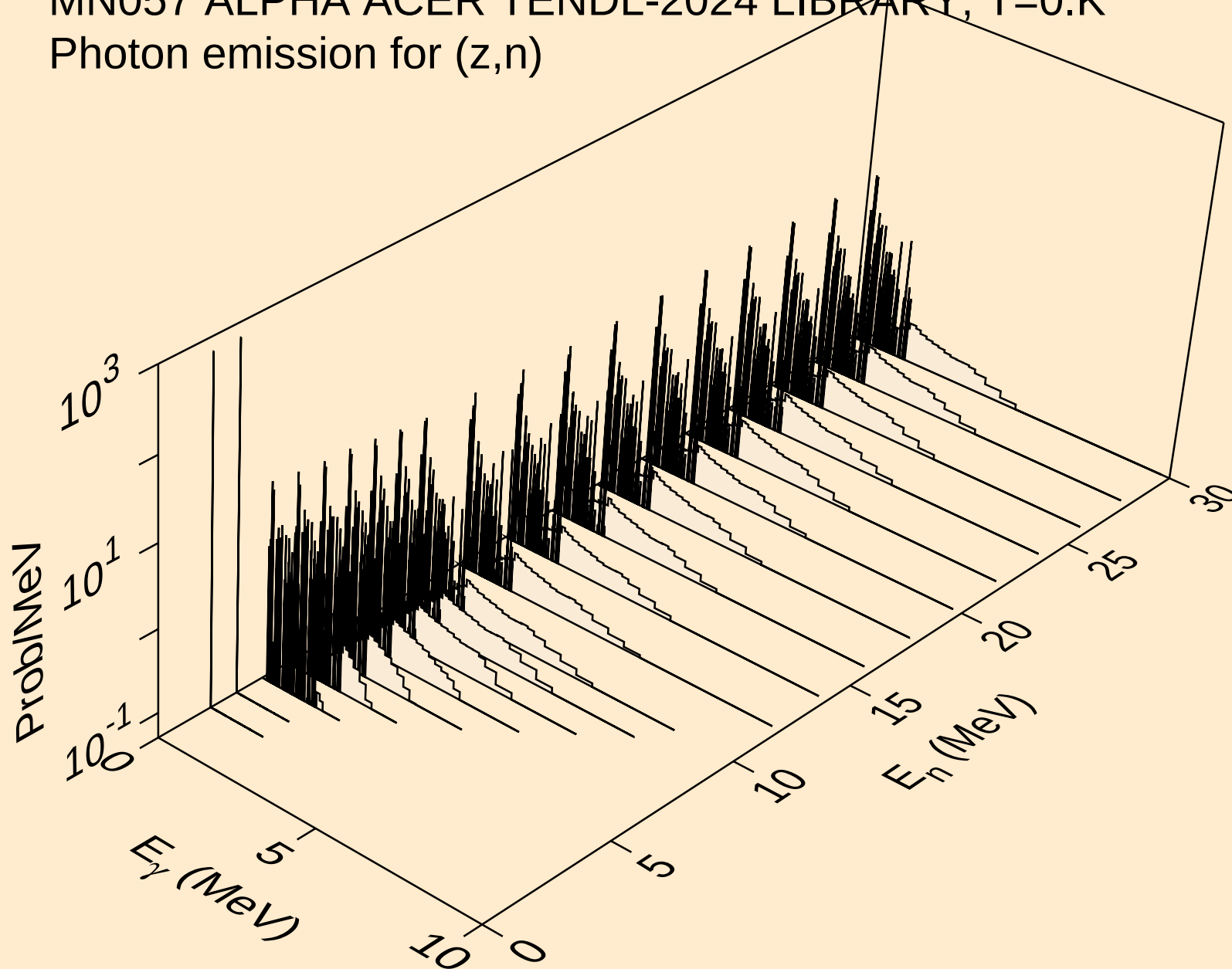


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,da)

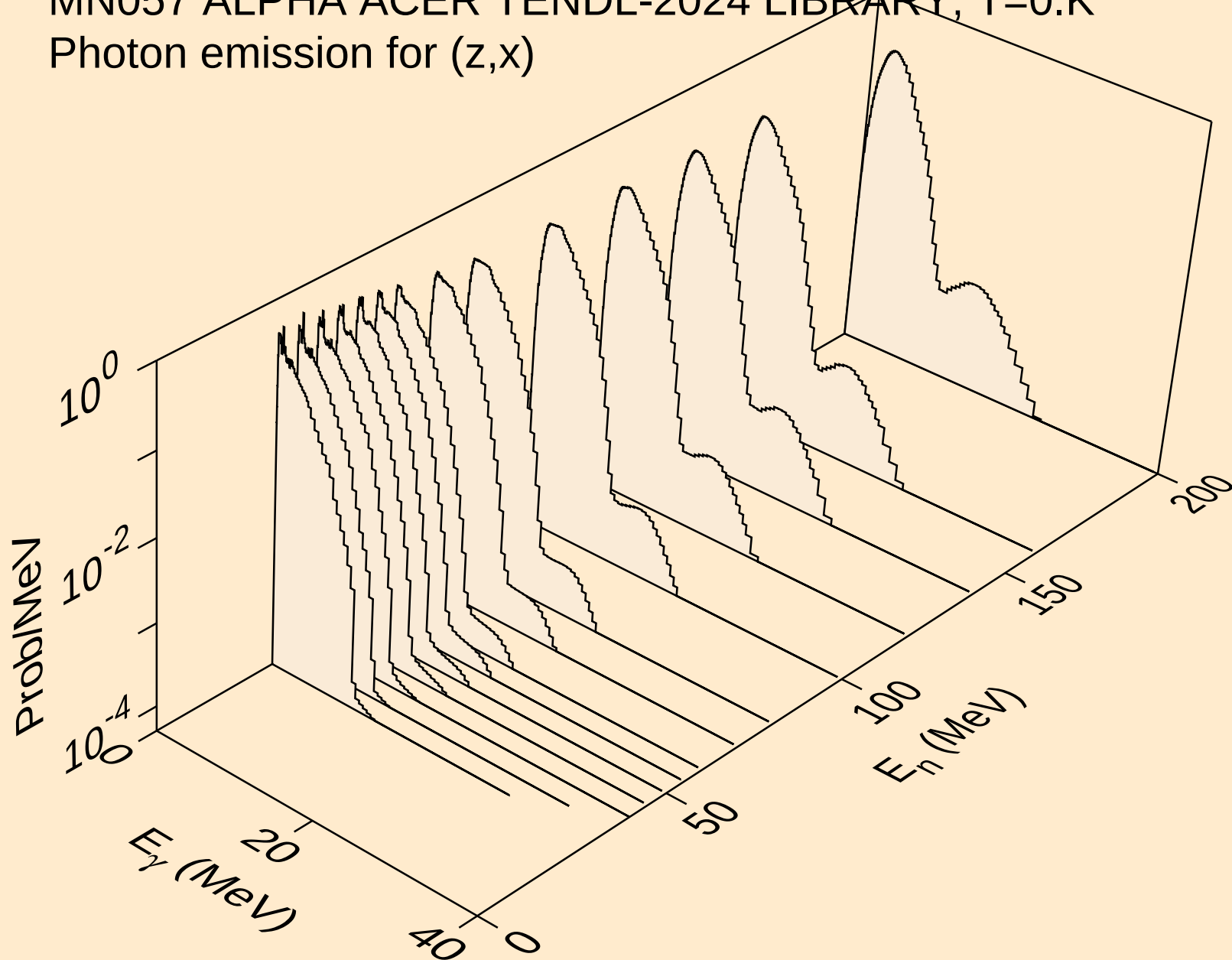


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

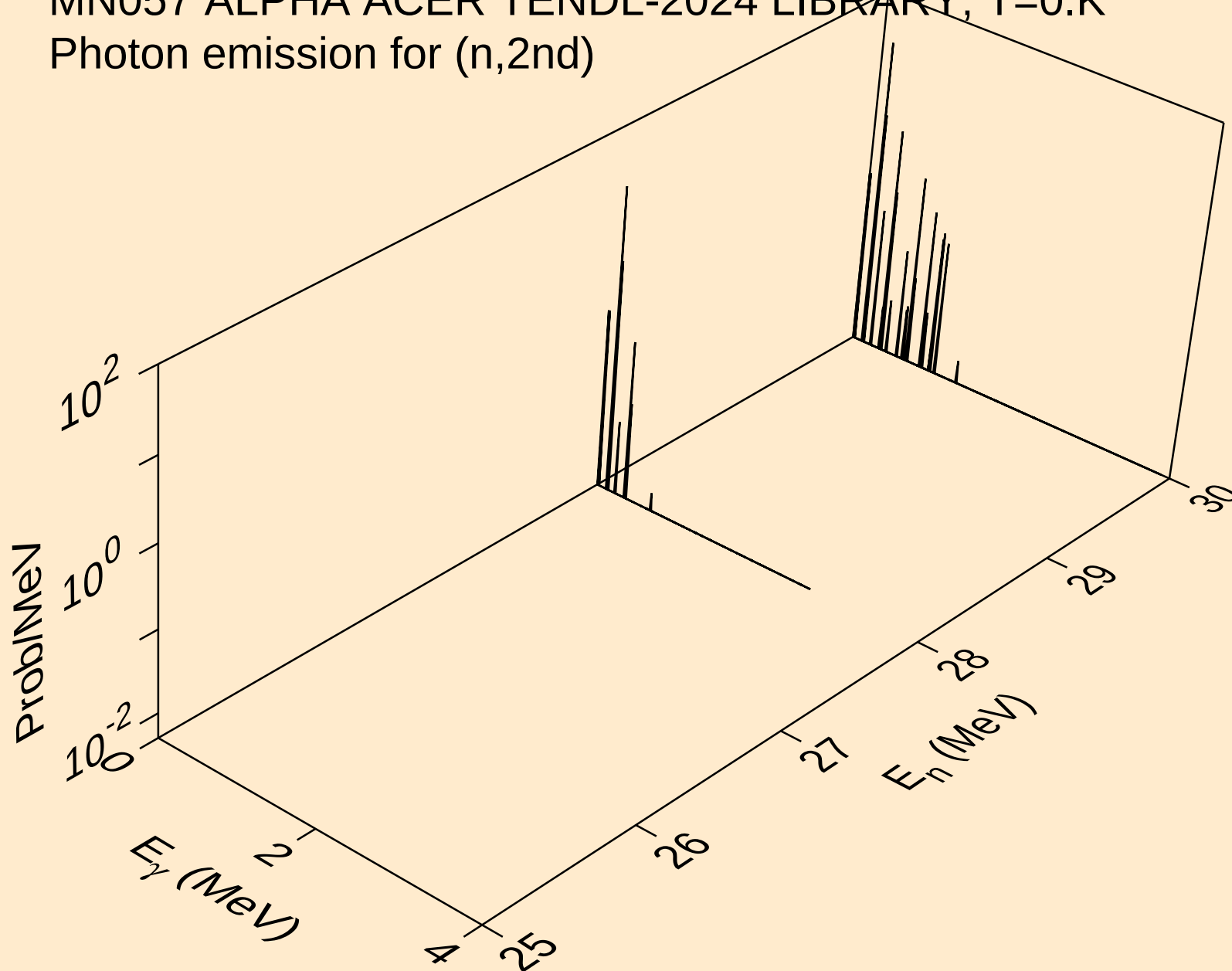


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

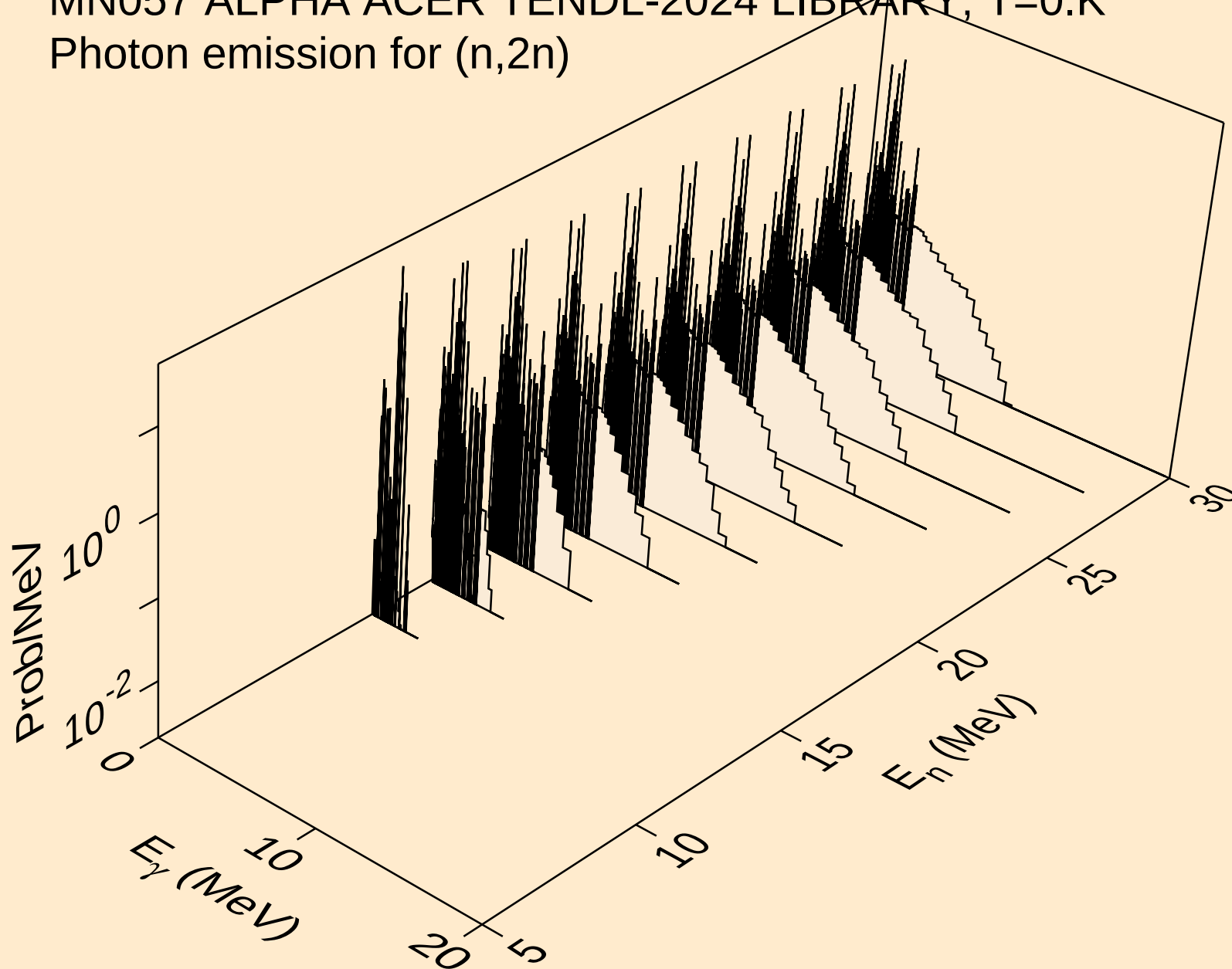
Photon emission for (z,x)



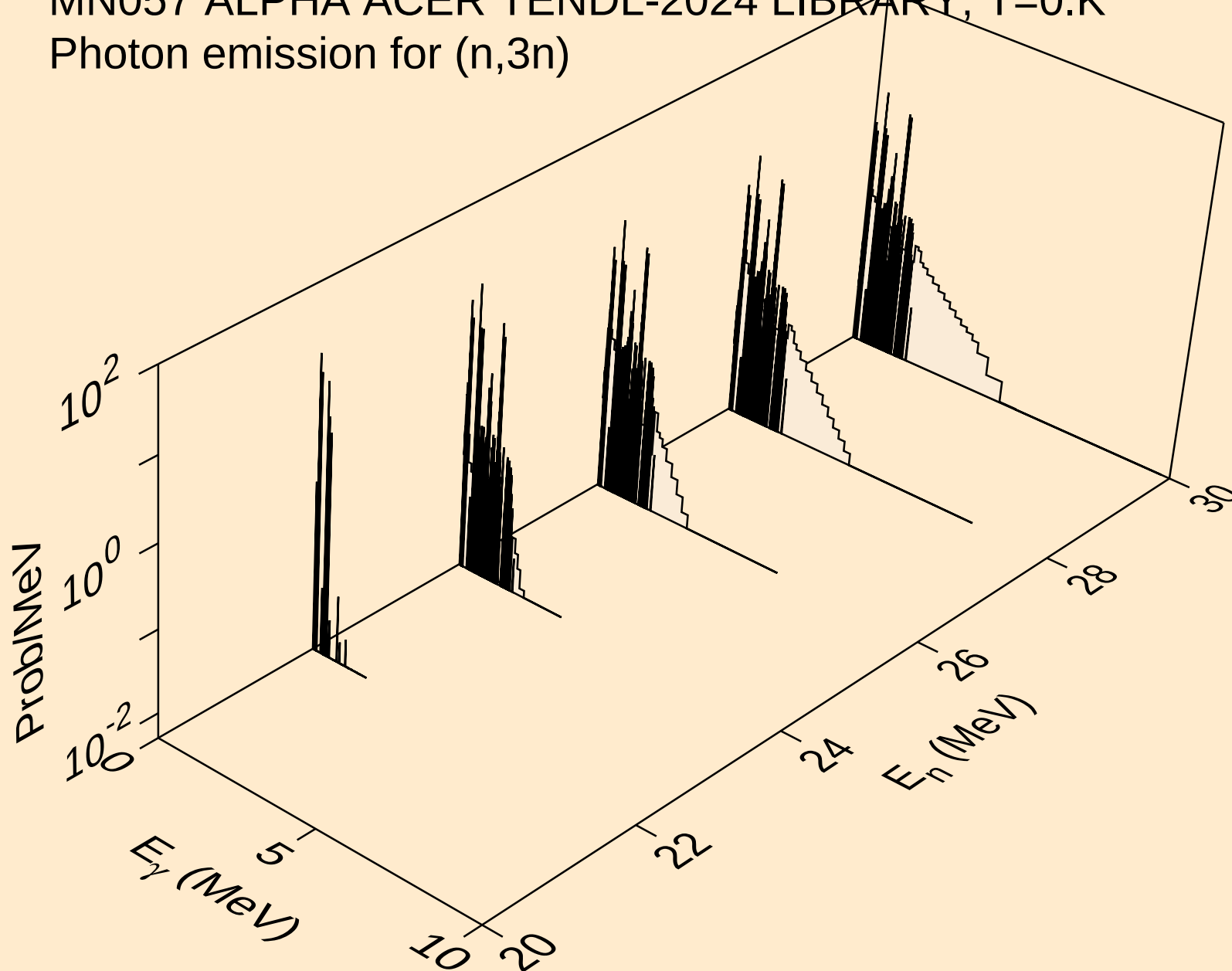
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

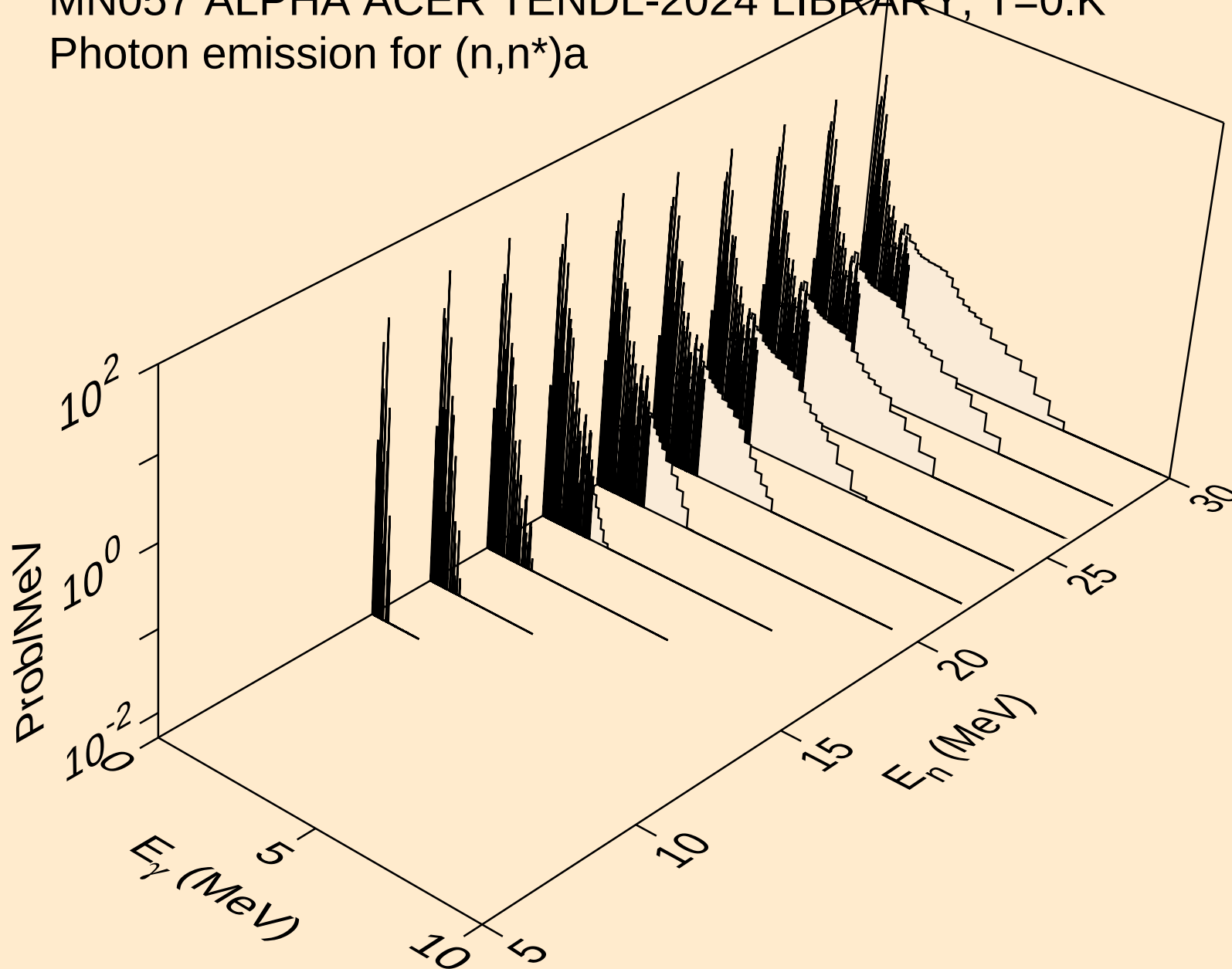


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

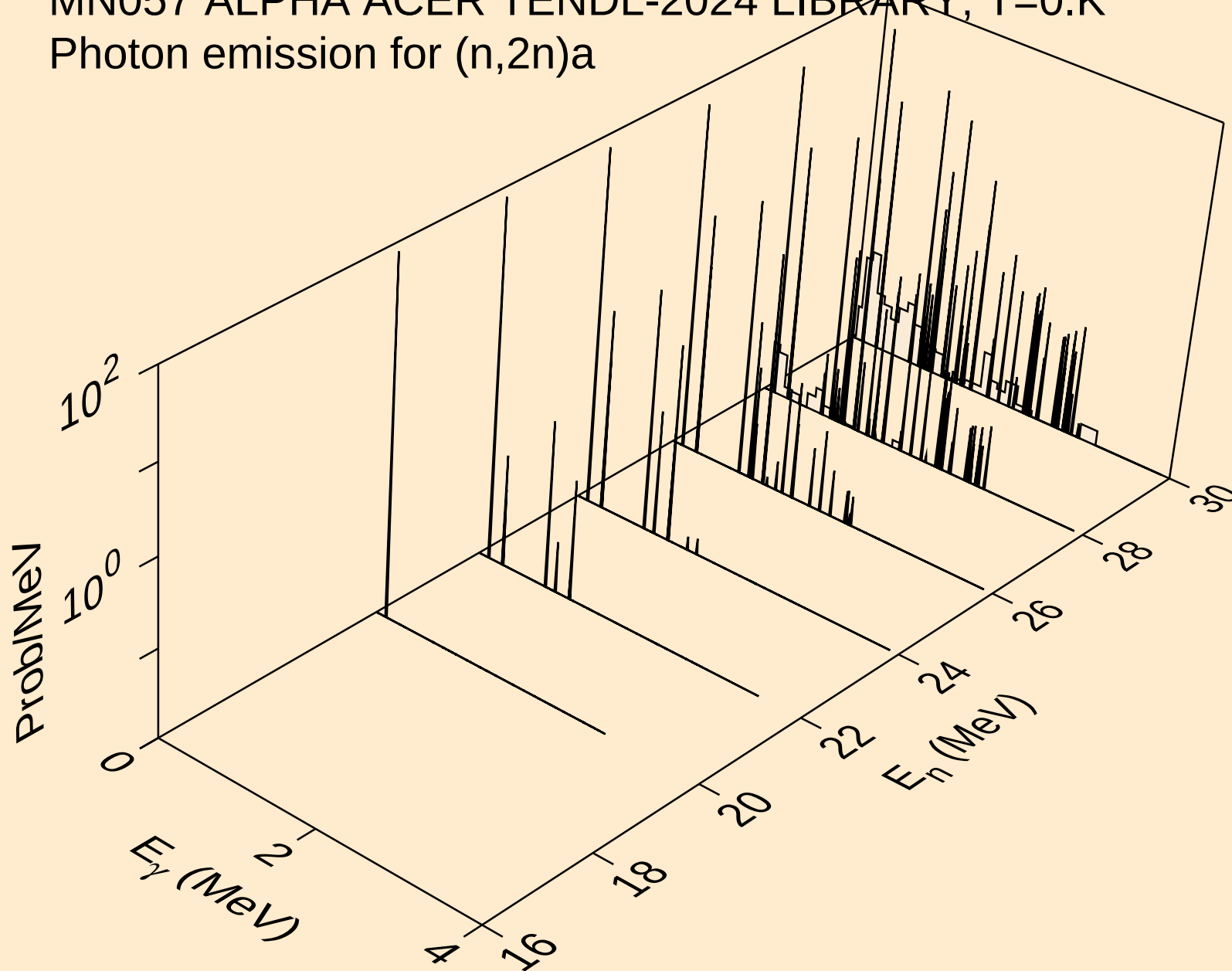
Photon emission for (n,n\*)a





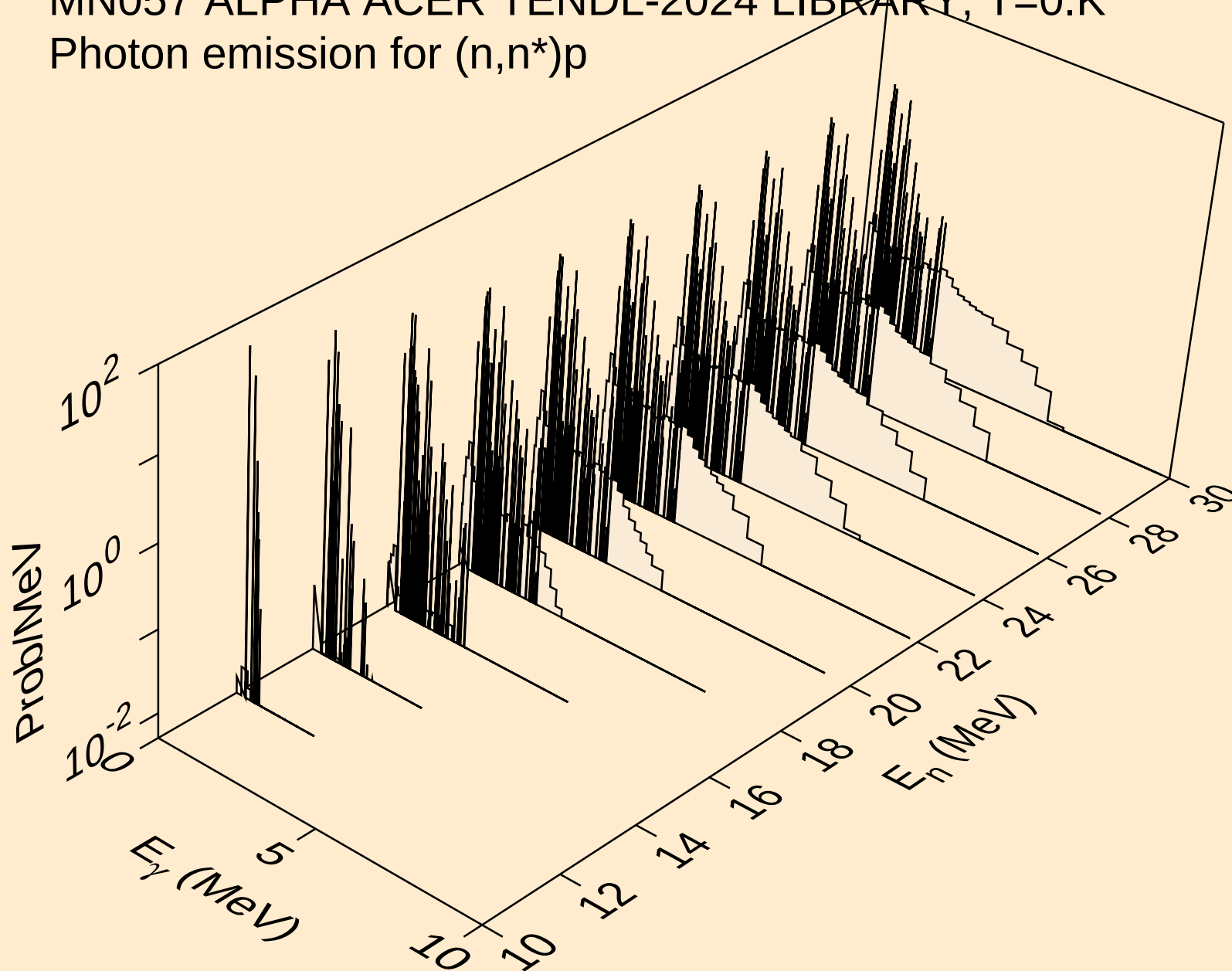
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

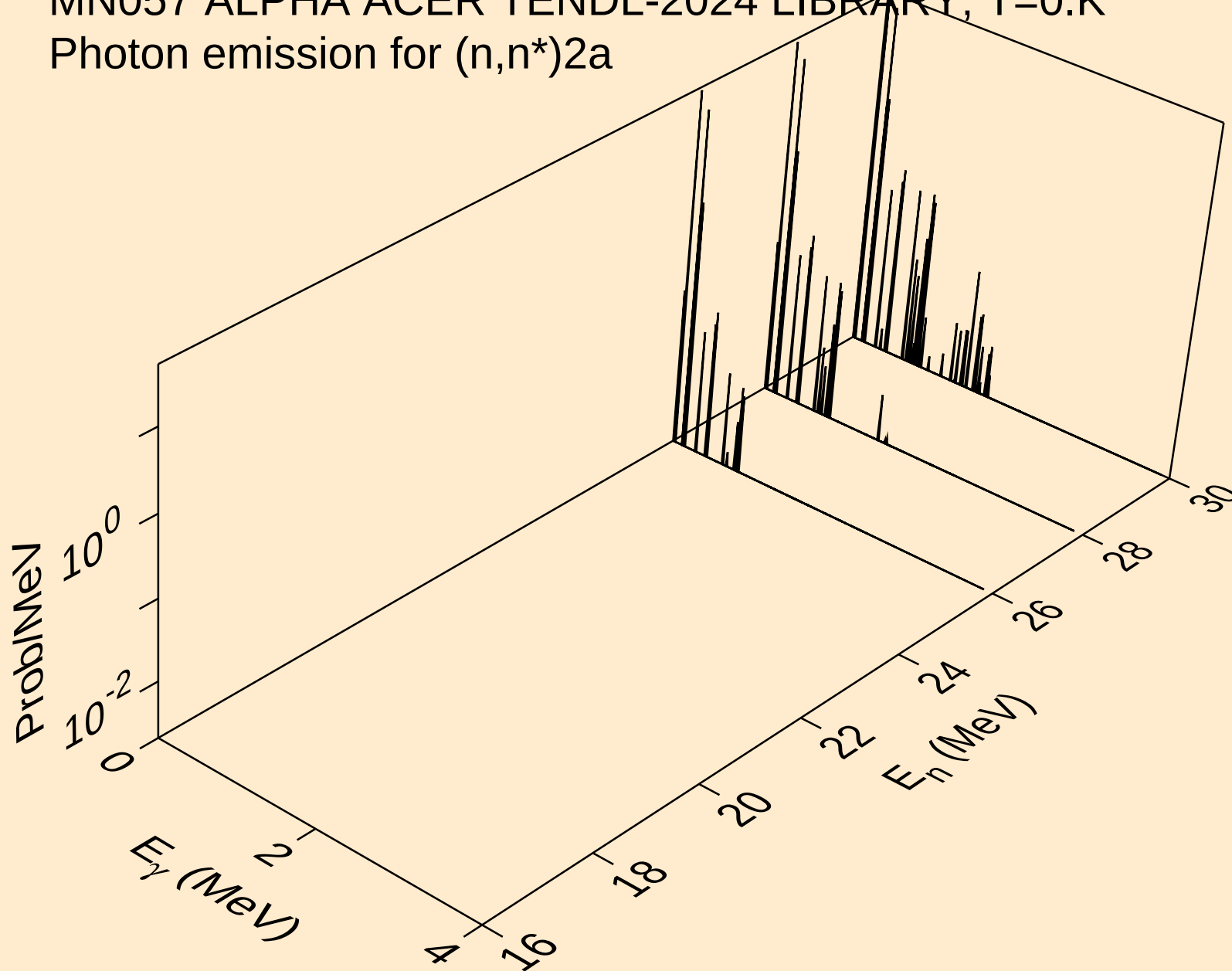


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

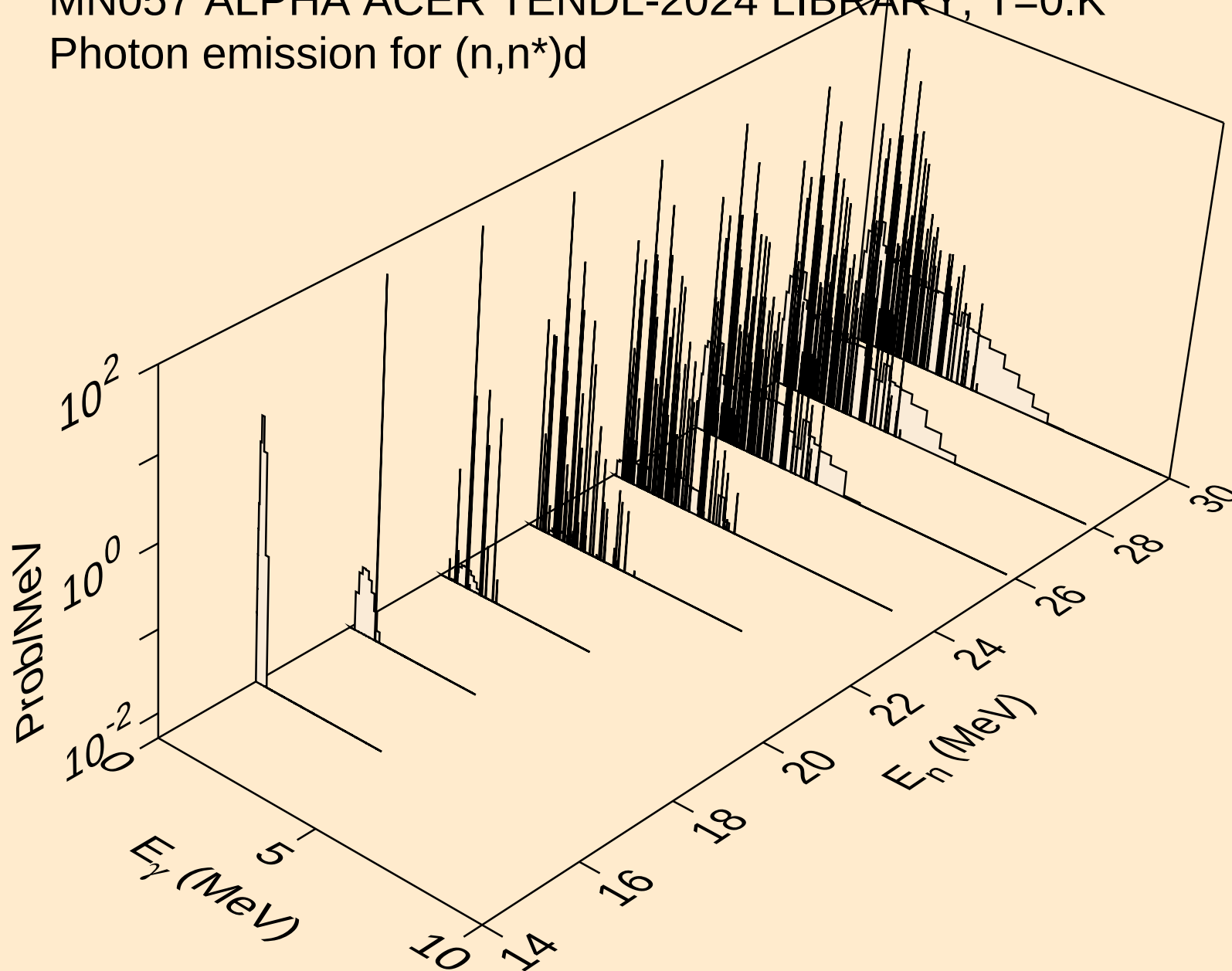
Photon emission for (n,n\*)p



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

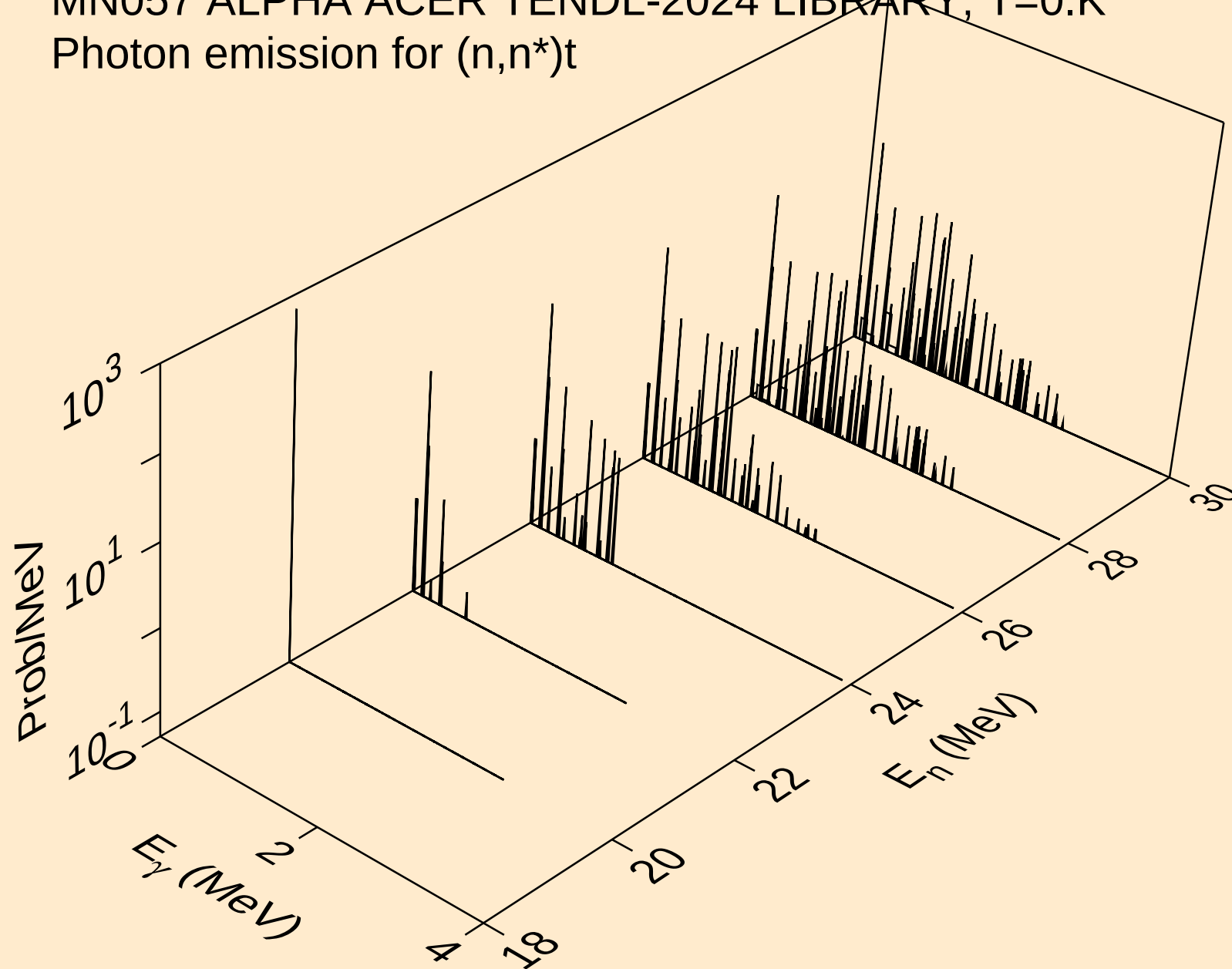


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

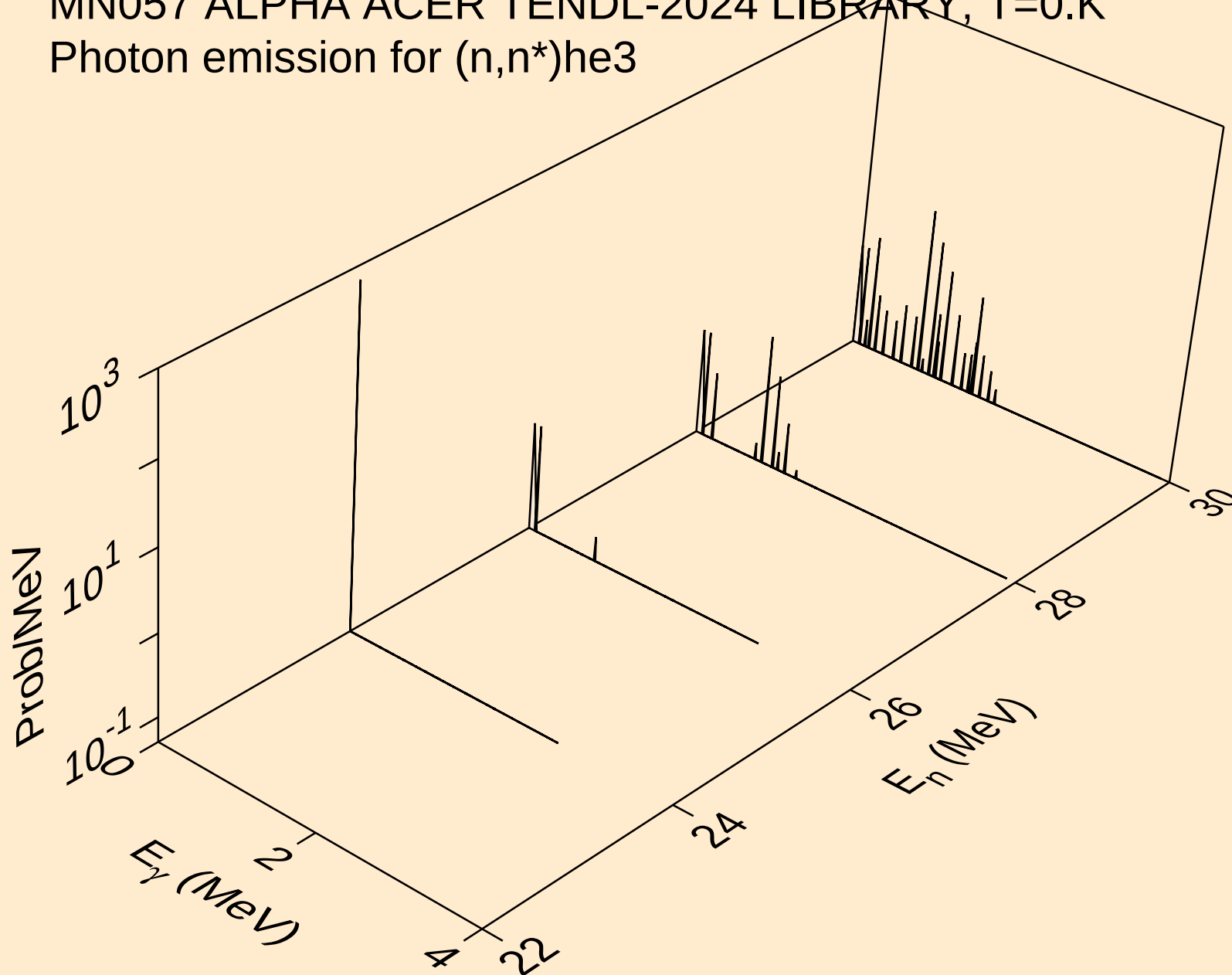


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

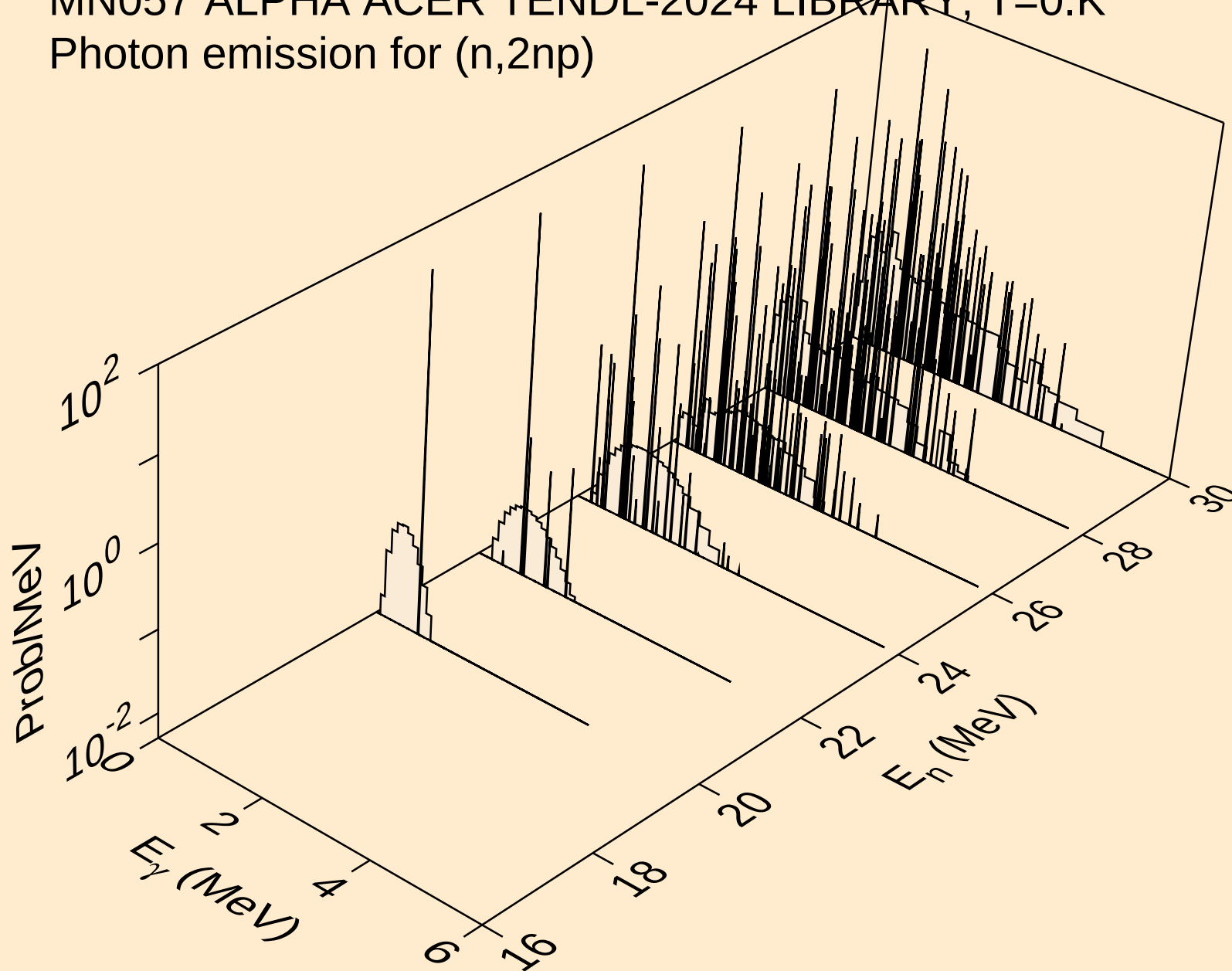
Photon emission for (n,n\*)t



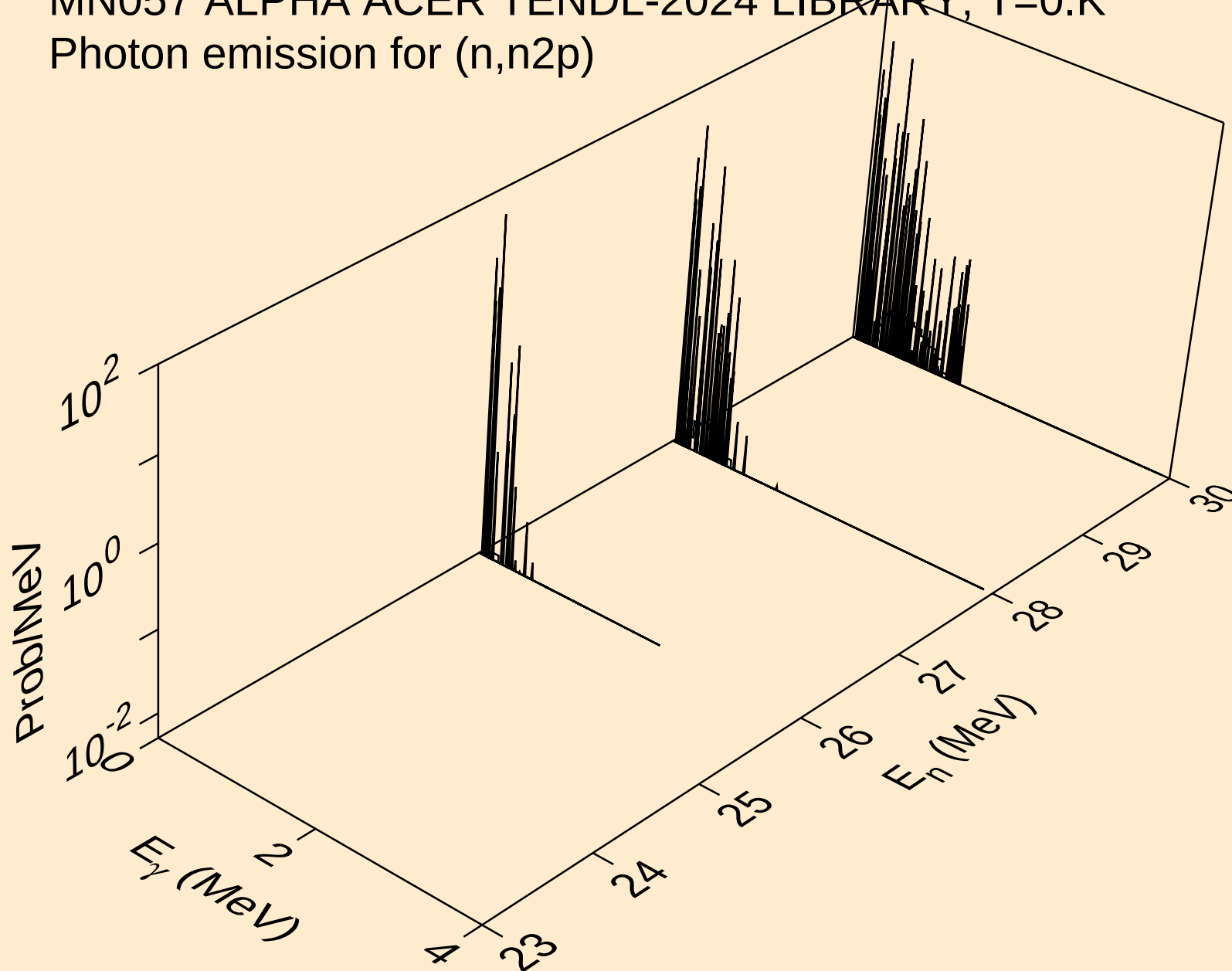
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

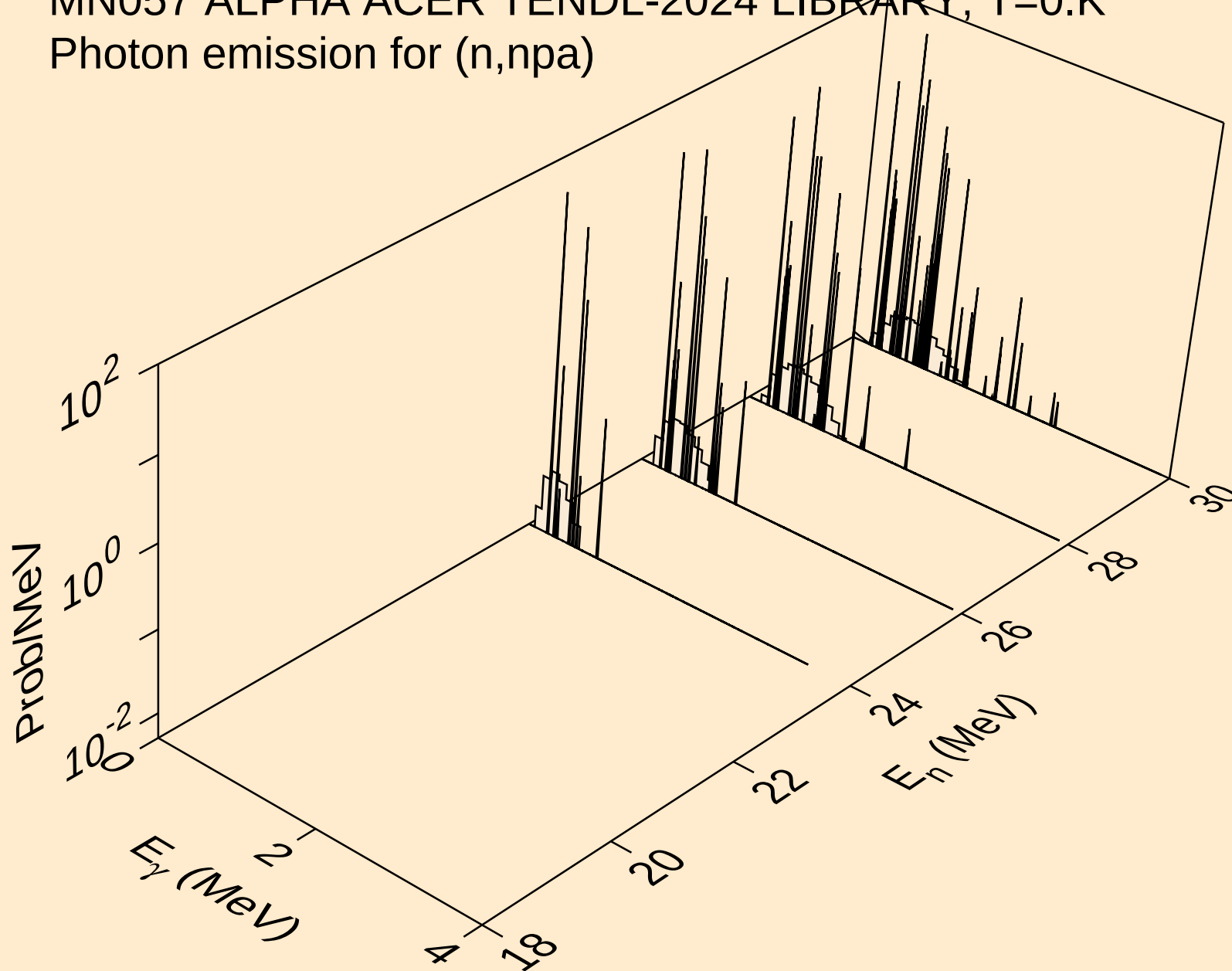


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

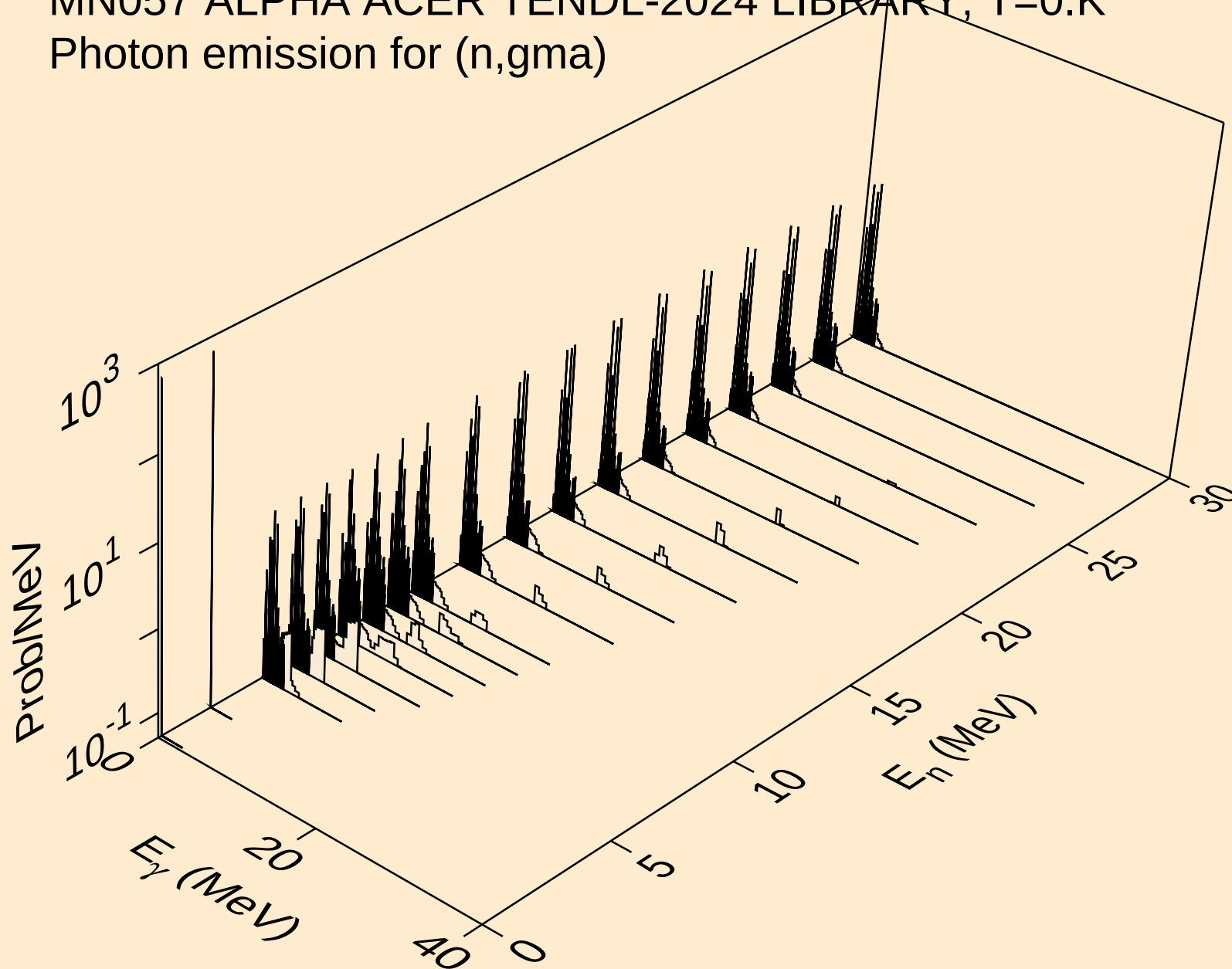




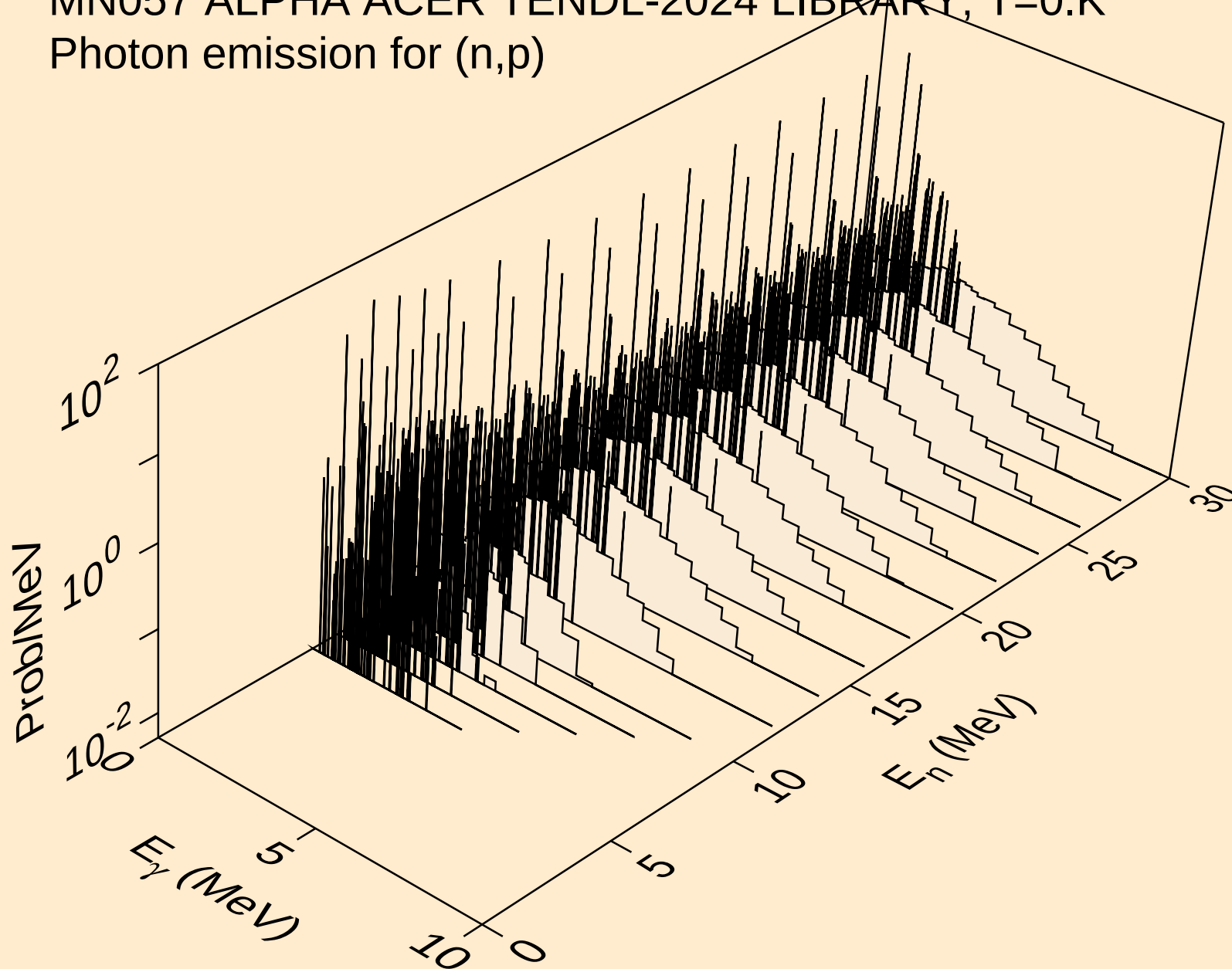
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



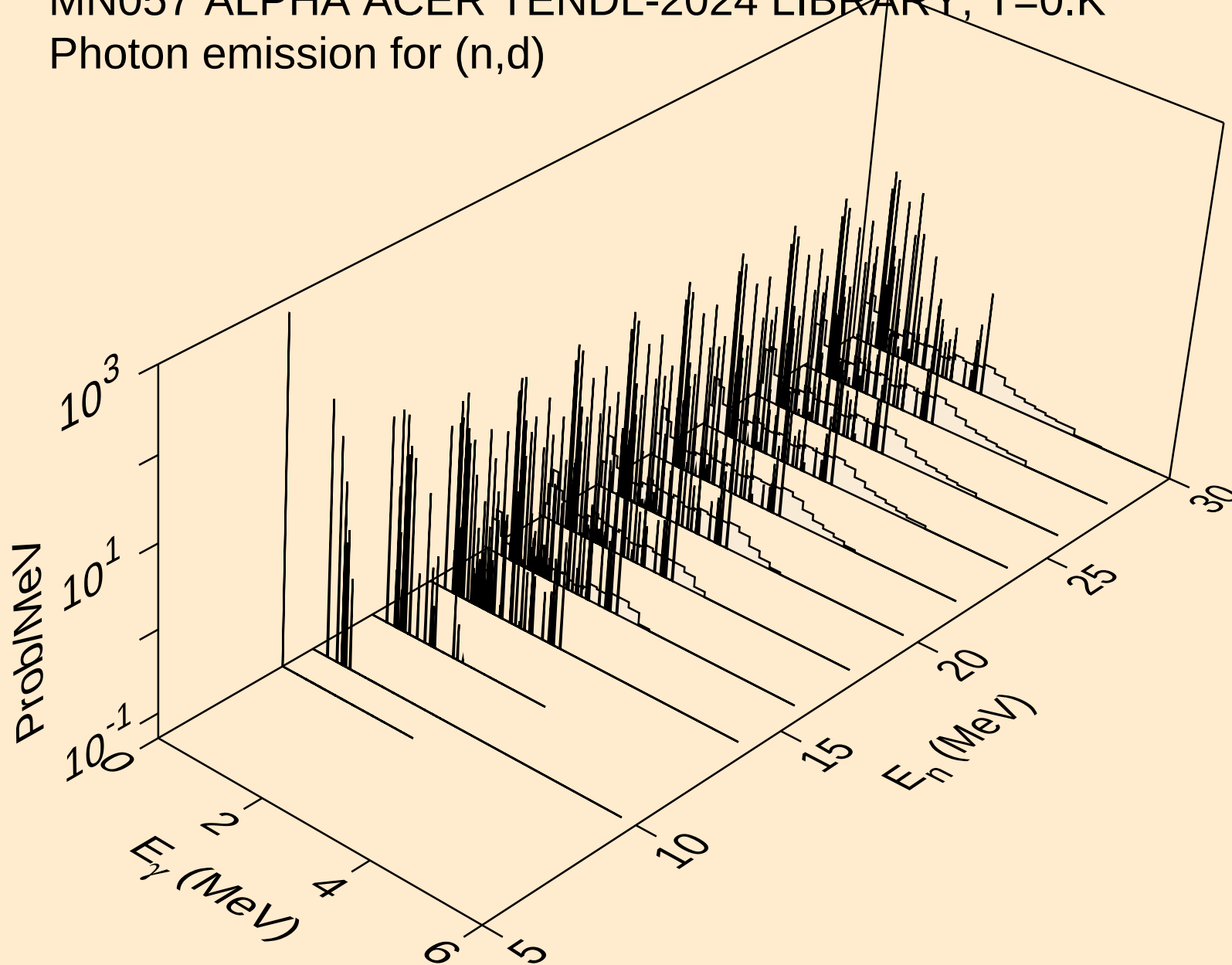
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Photon emission for (n,gma)



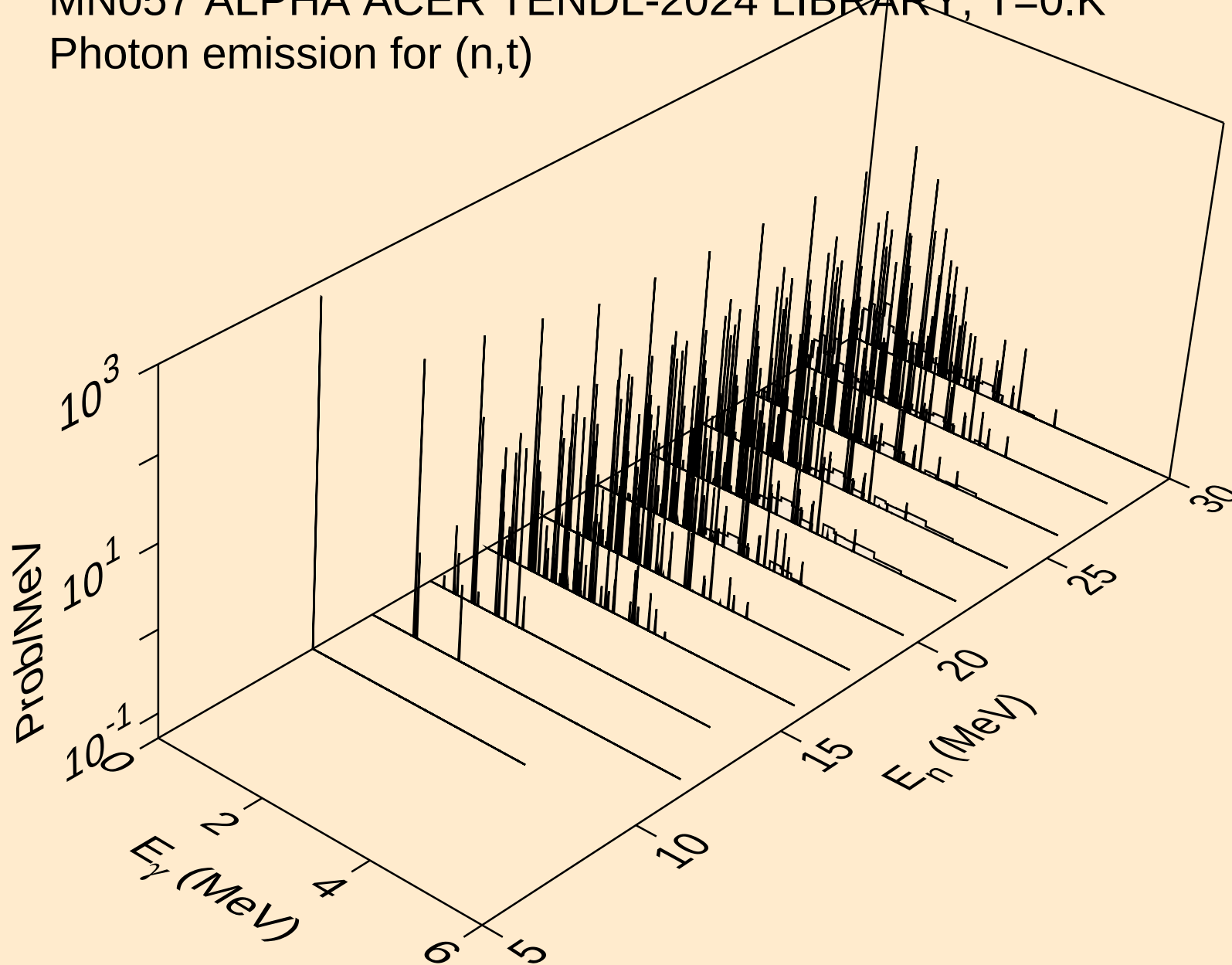
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



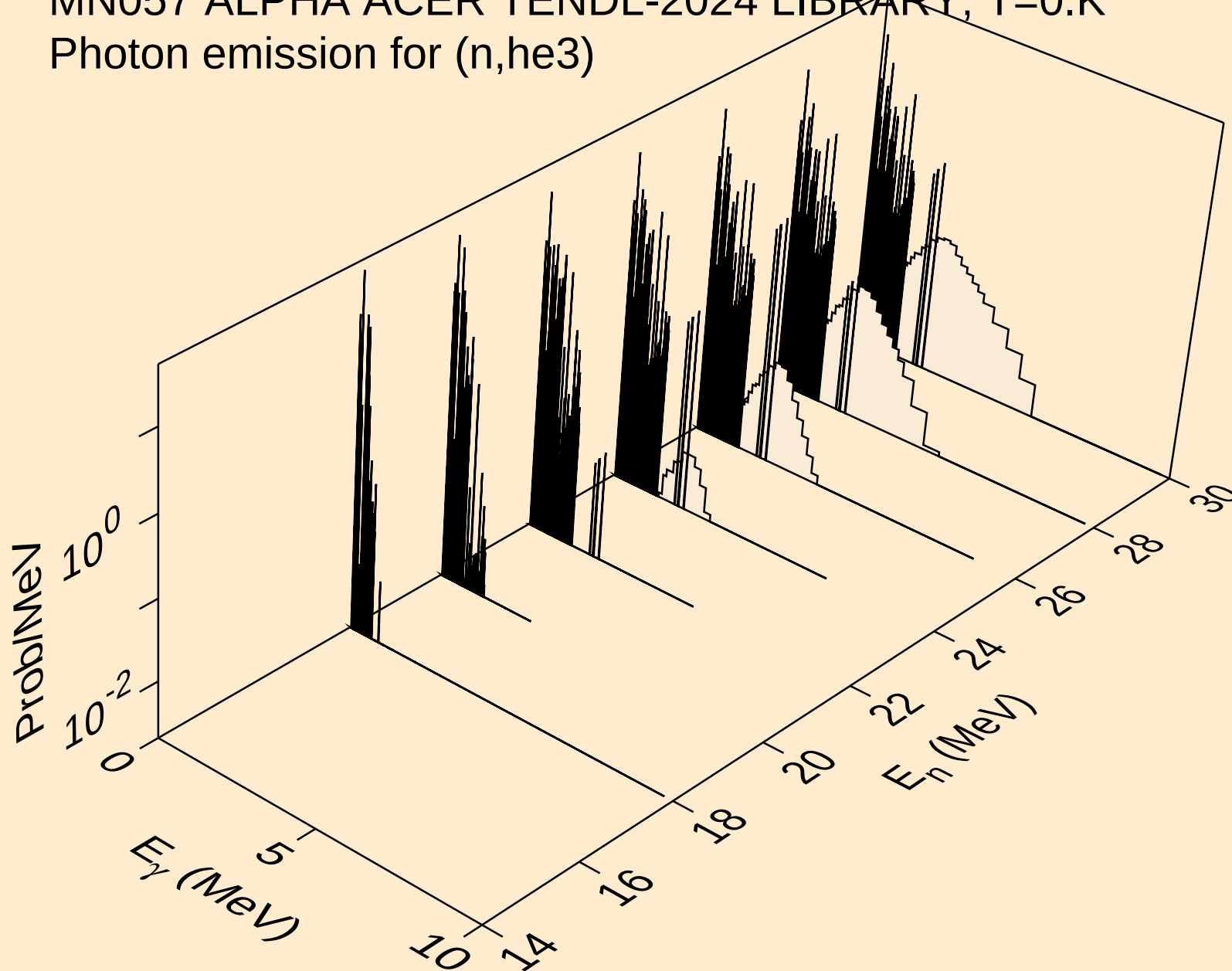
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



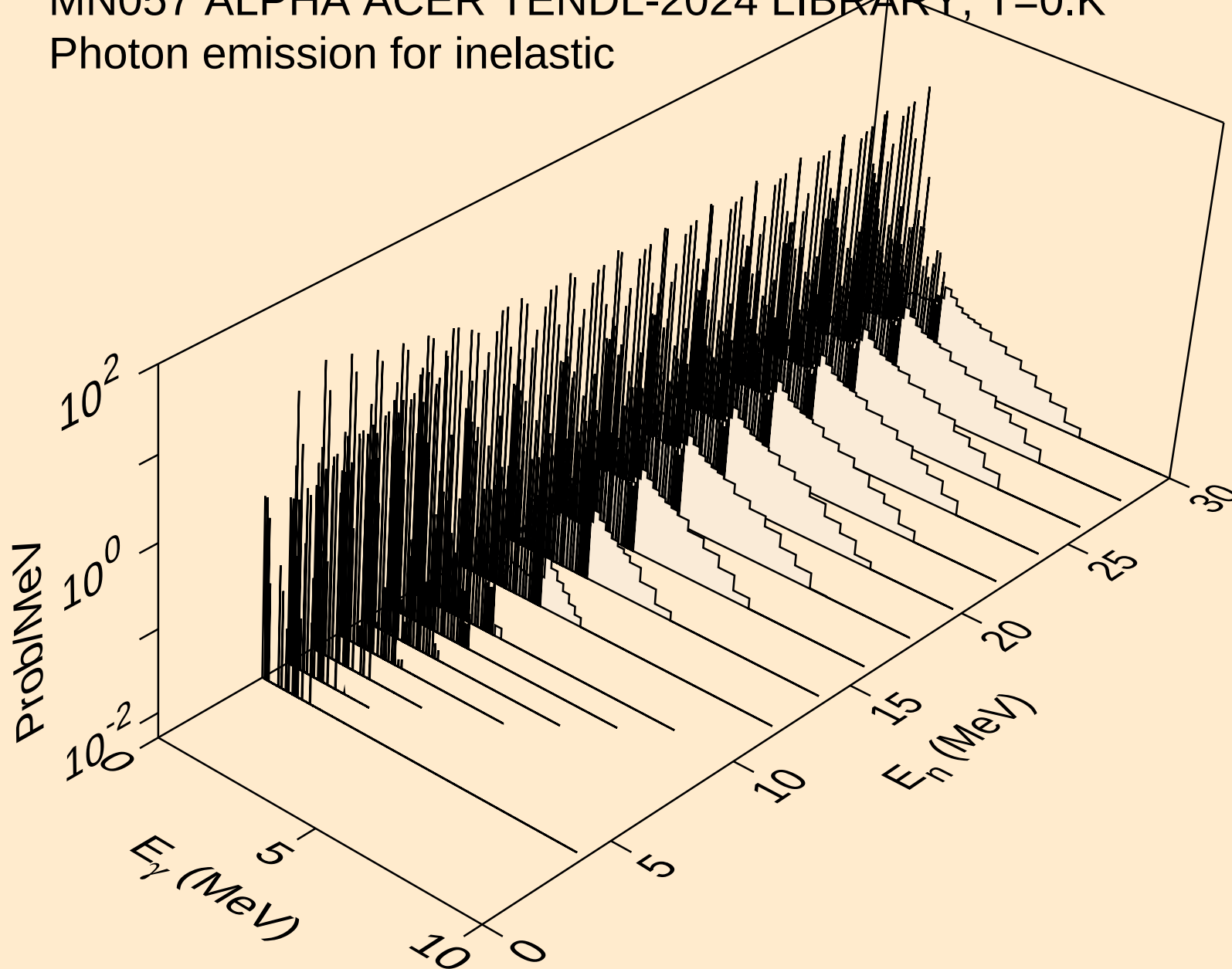
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



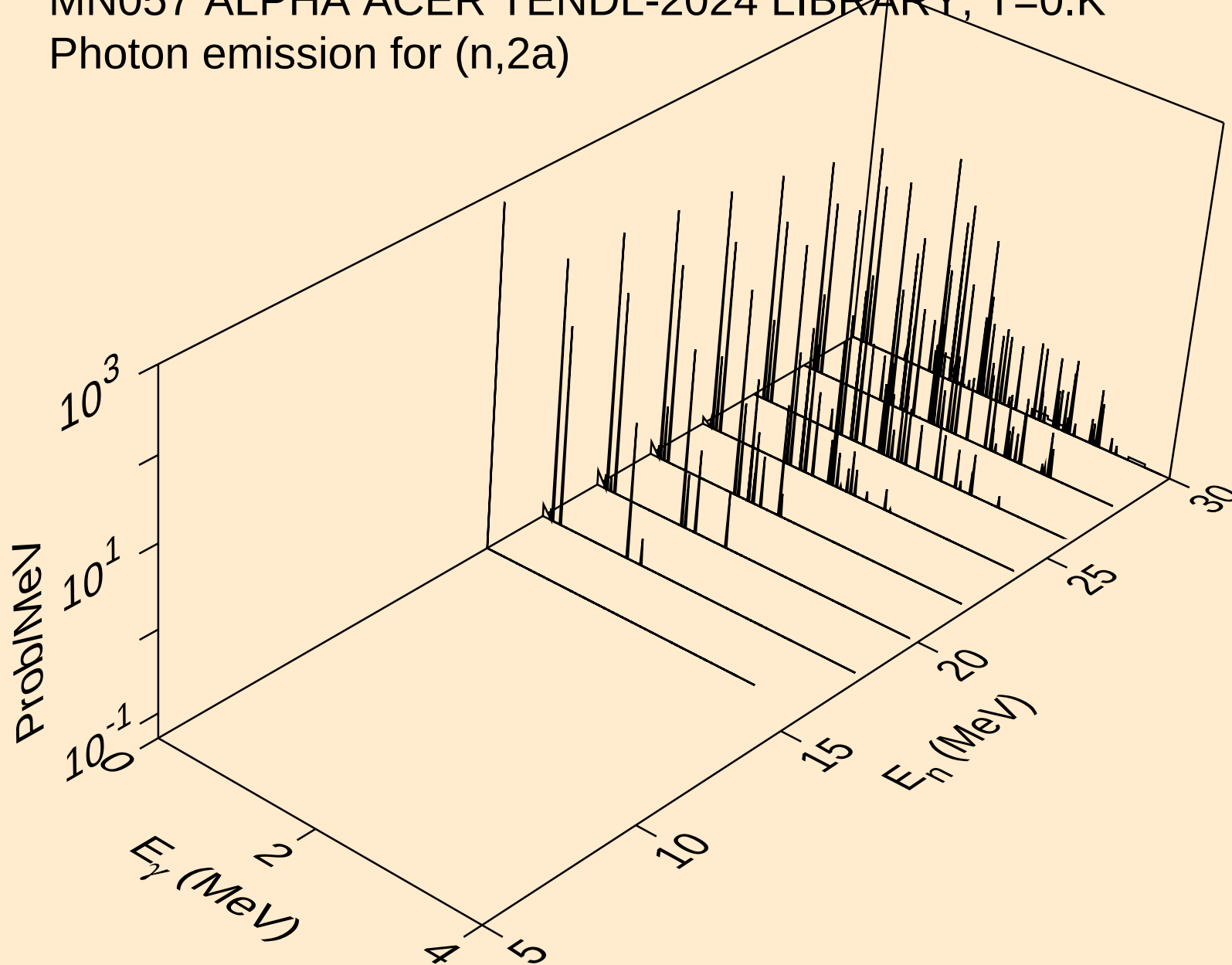
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

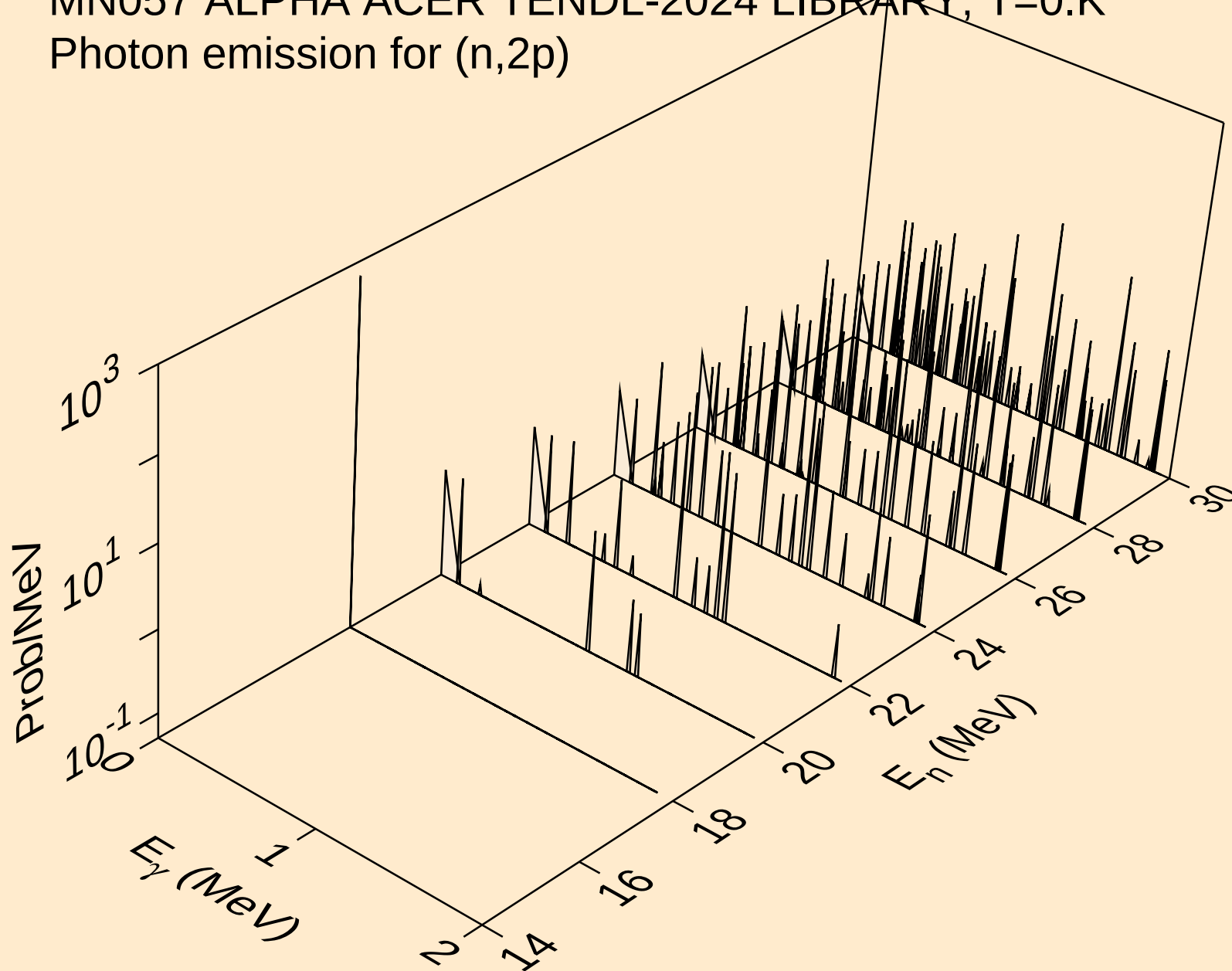


MN057 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2a)

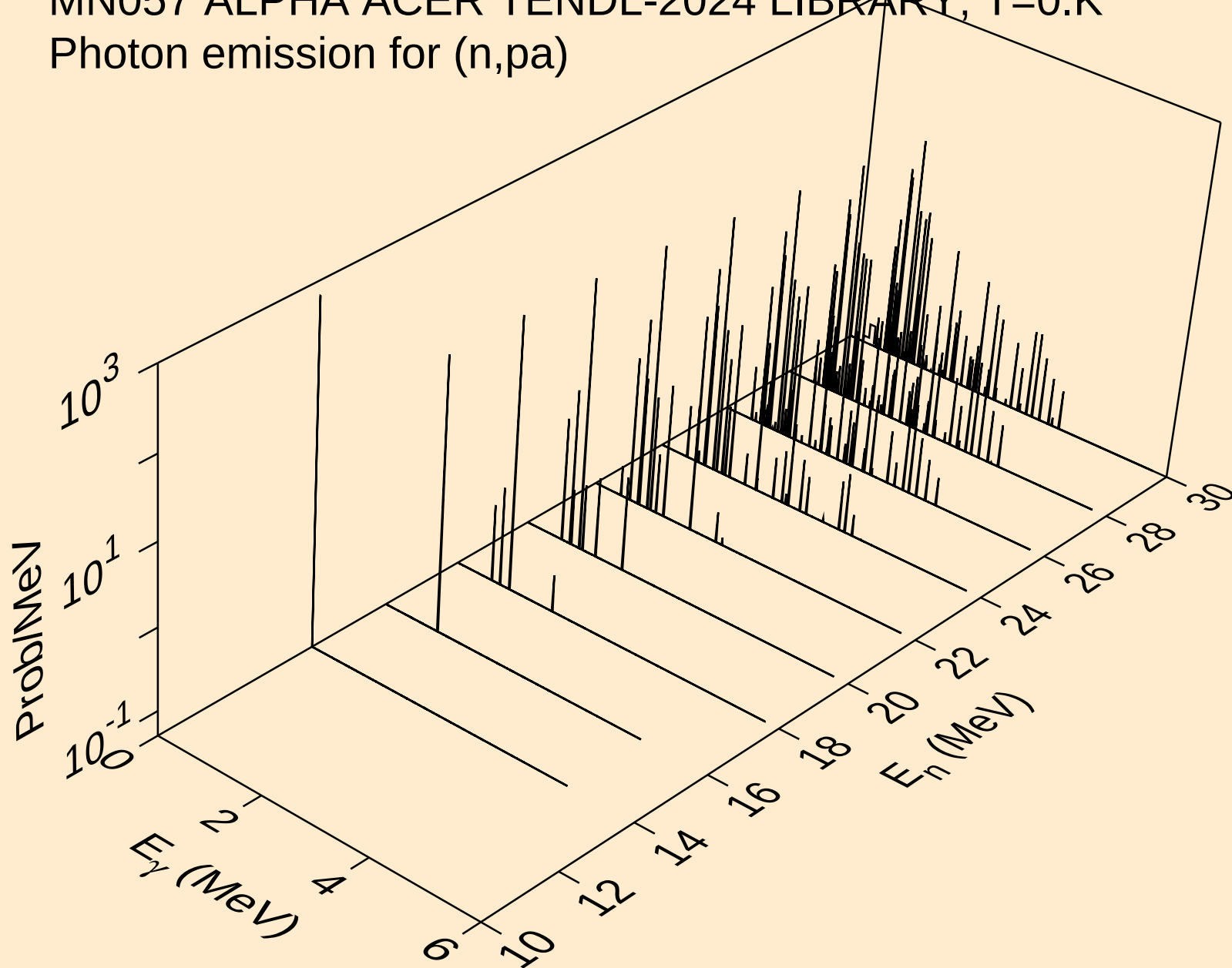




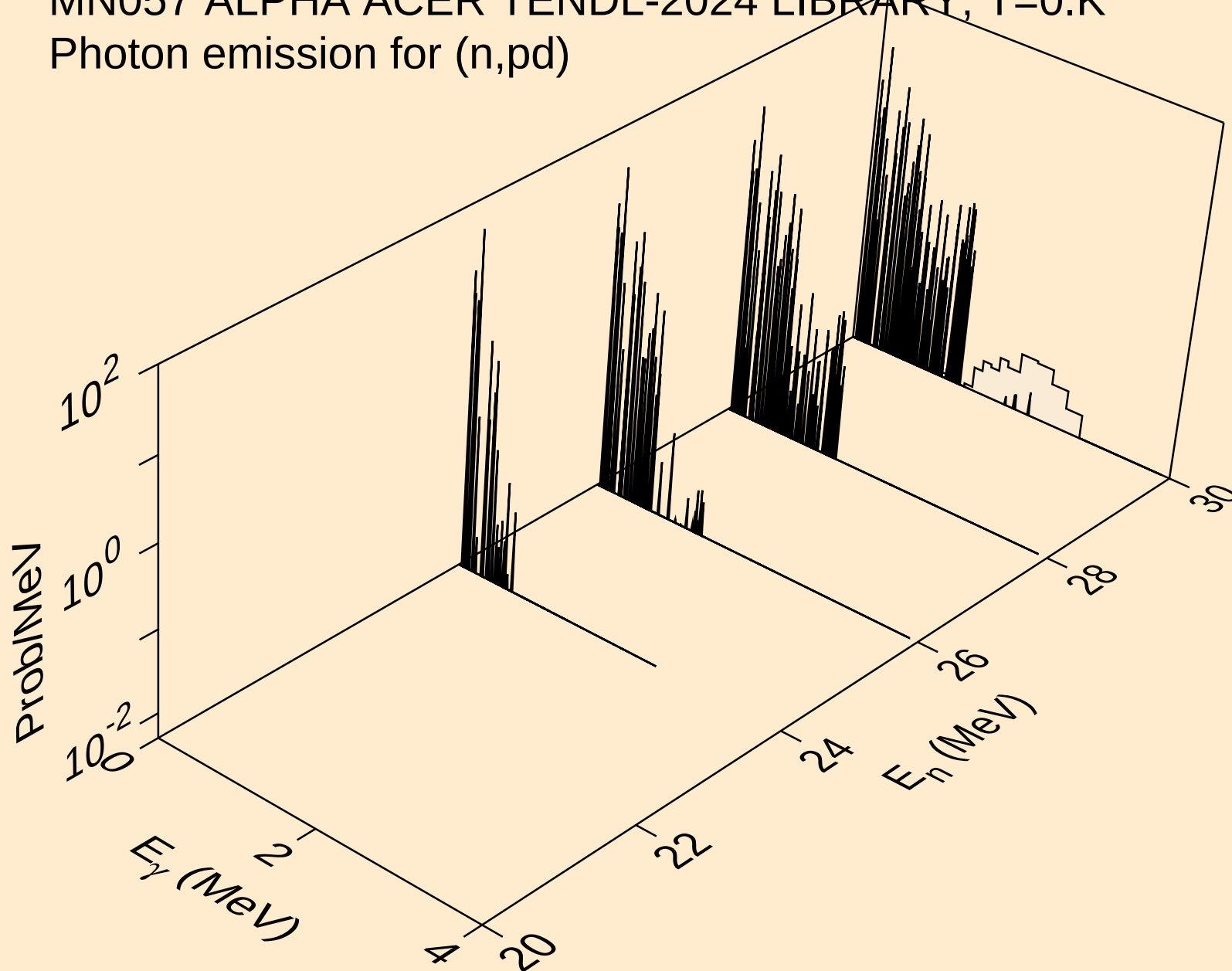
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)

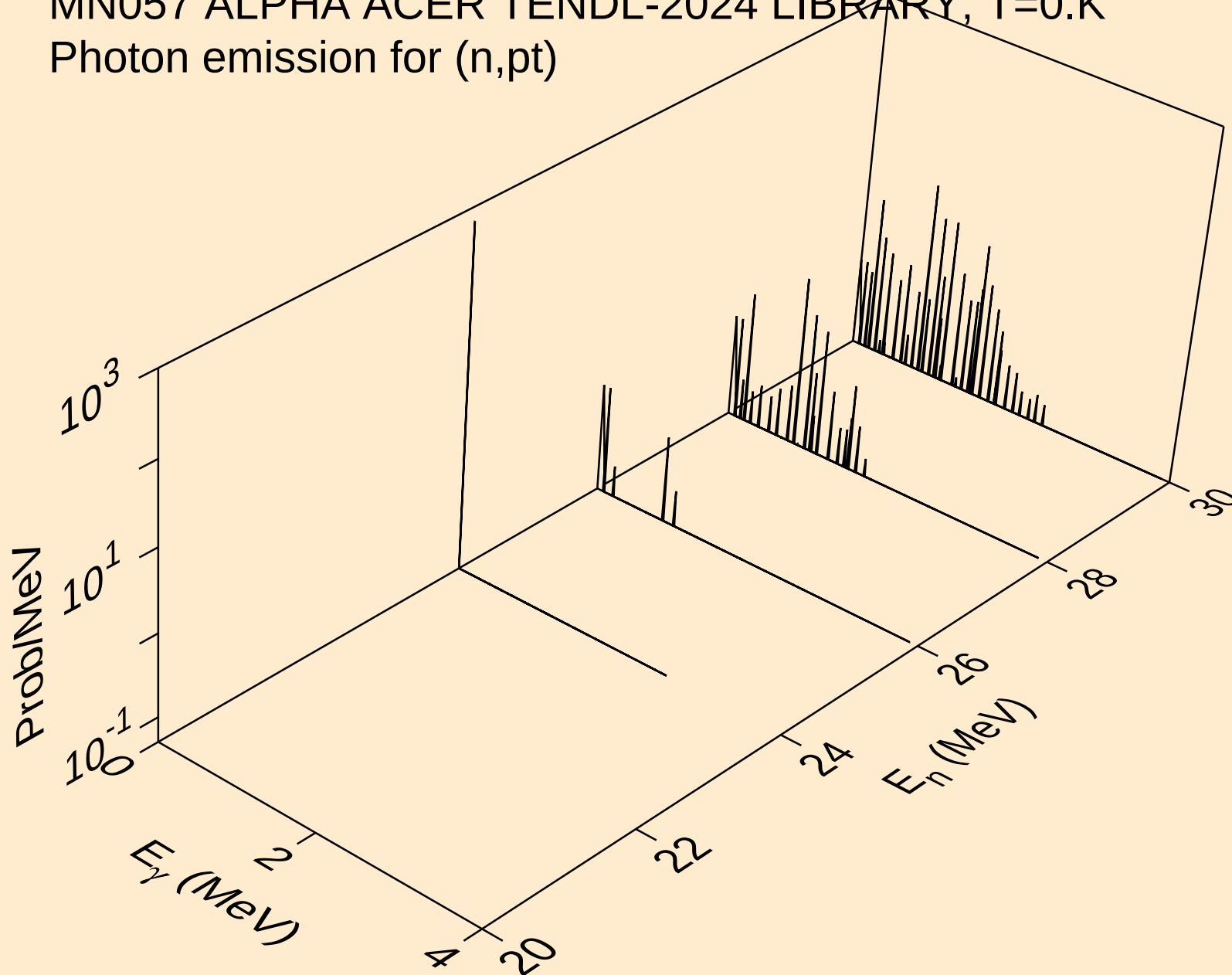


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

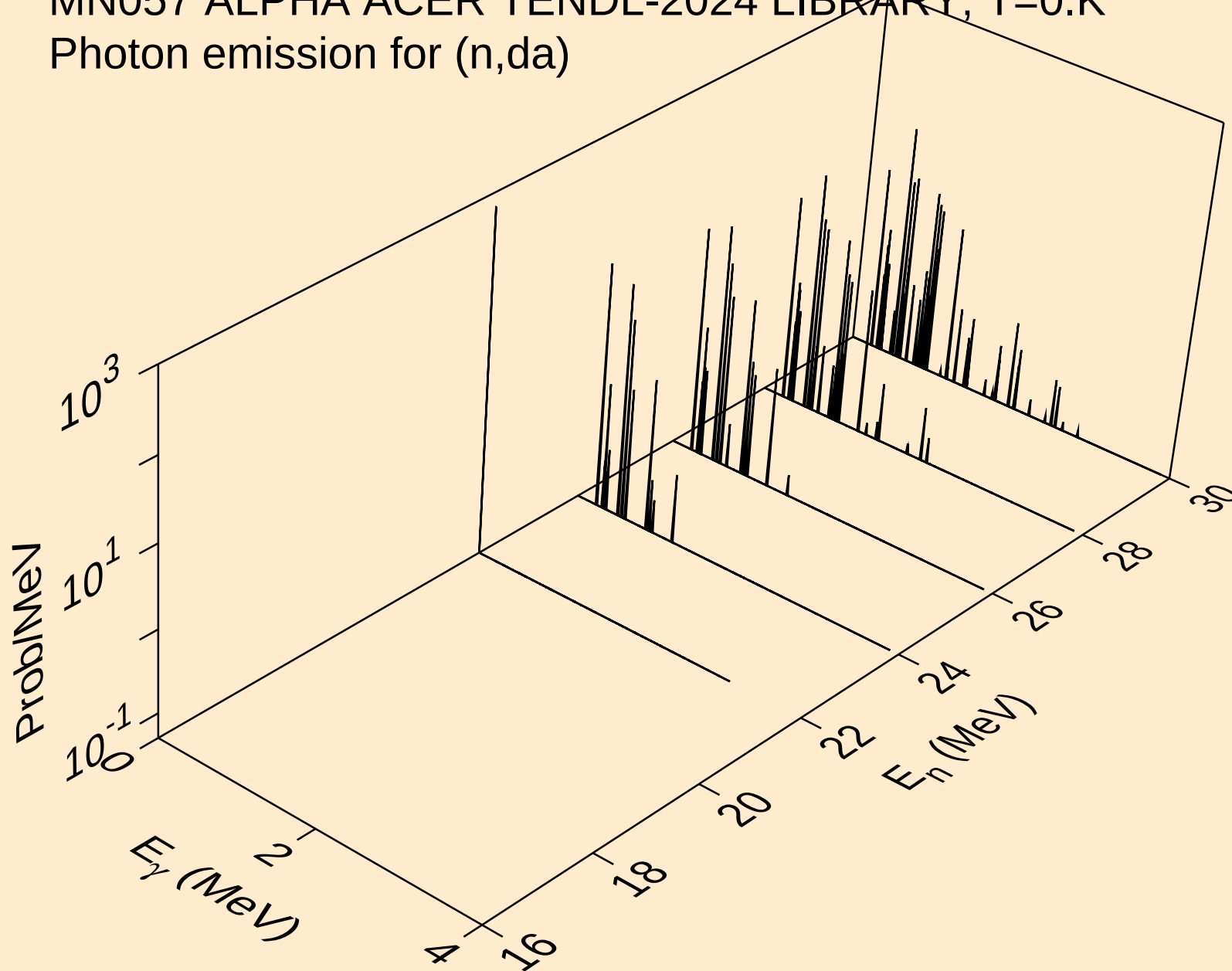


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

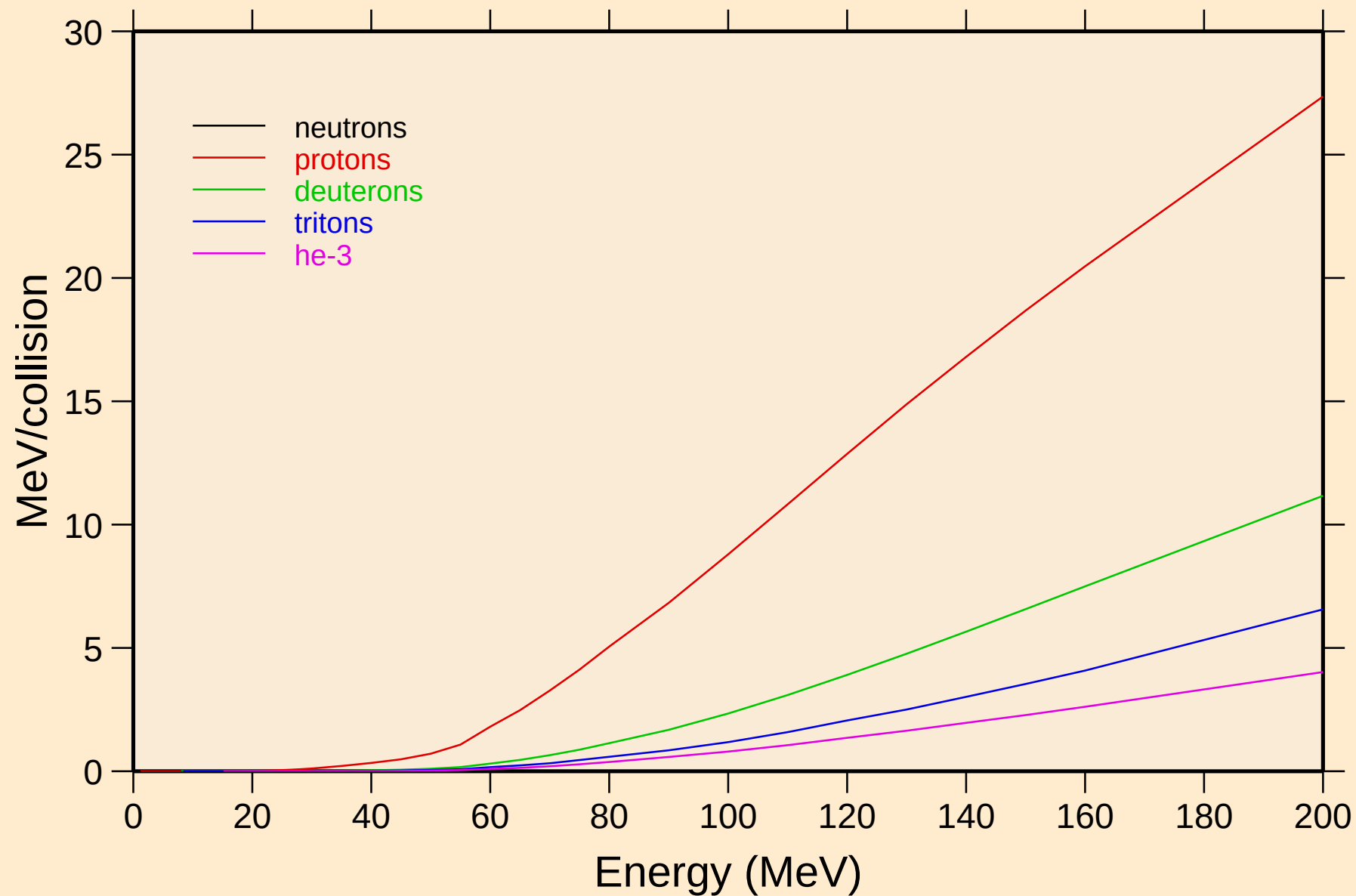


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



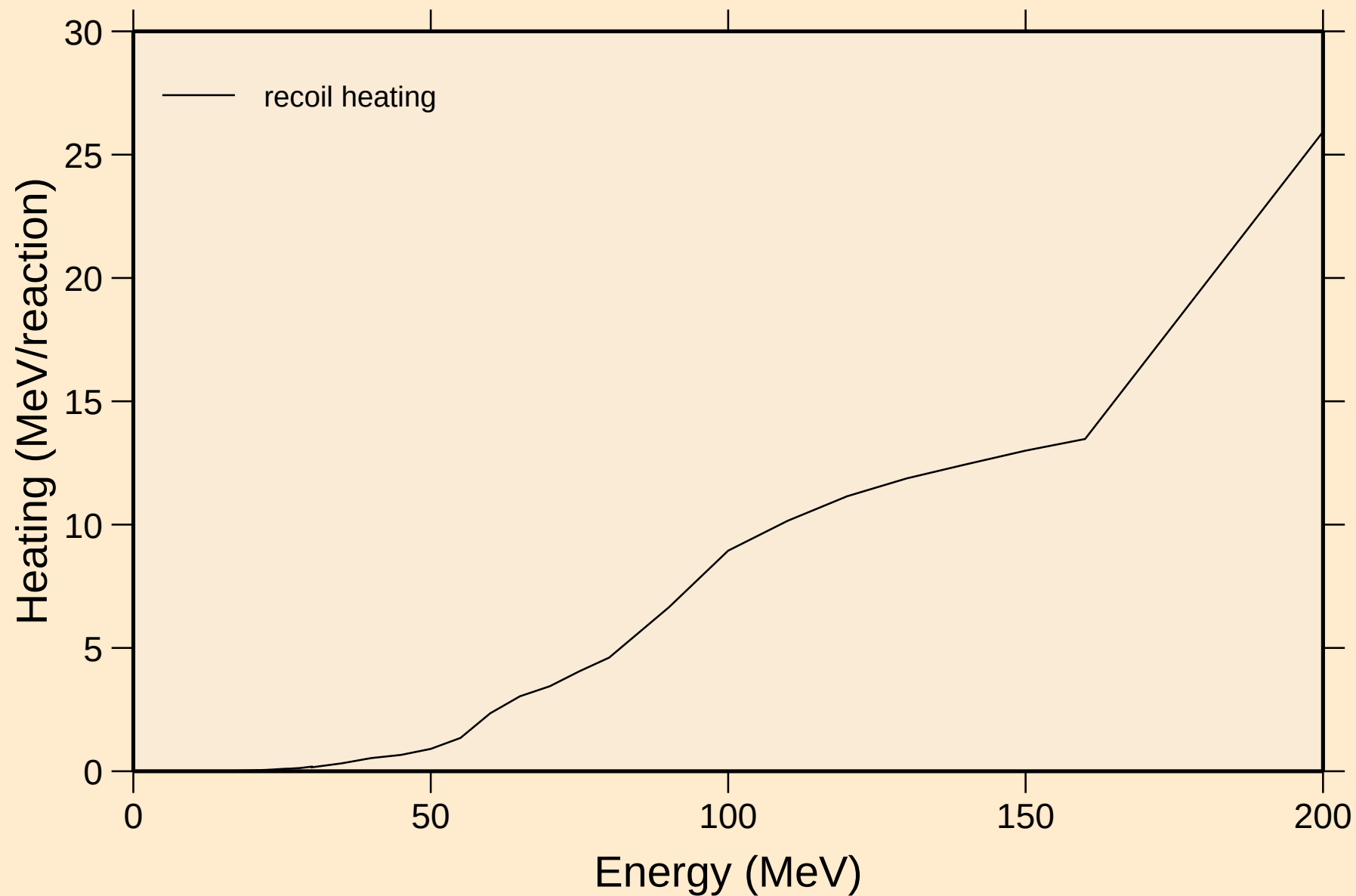
# MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



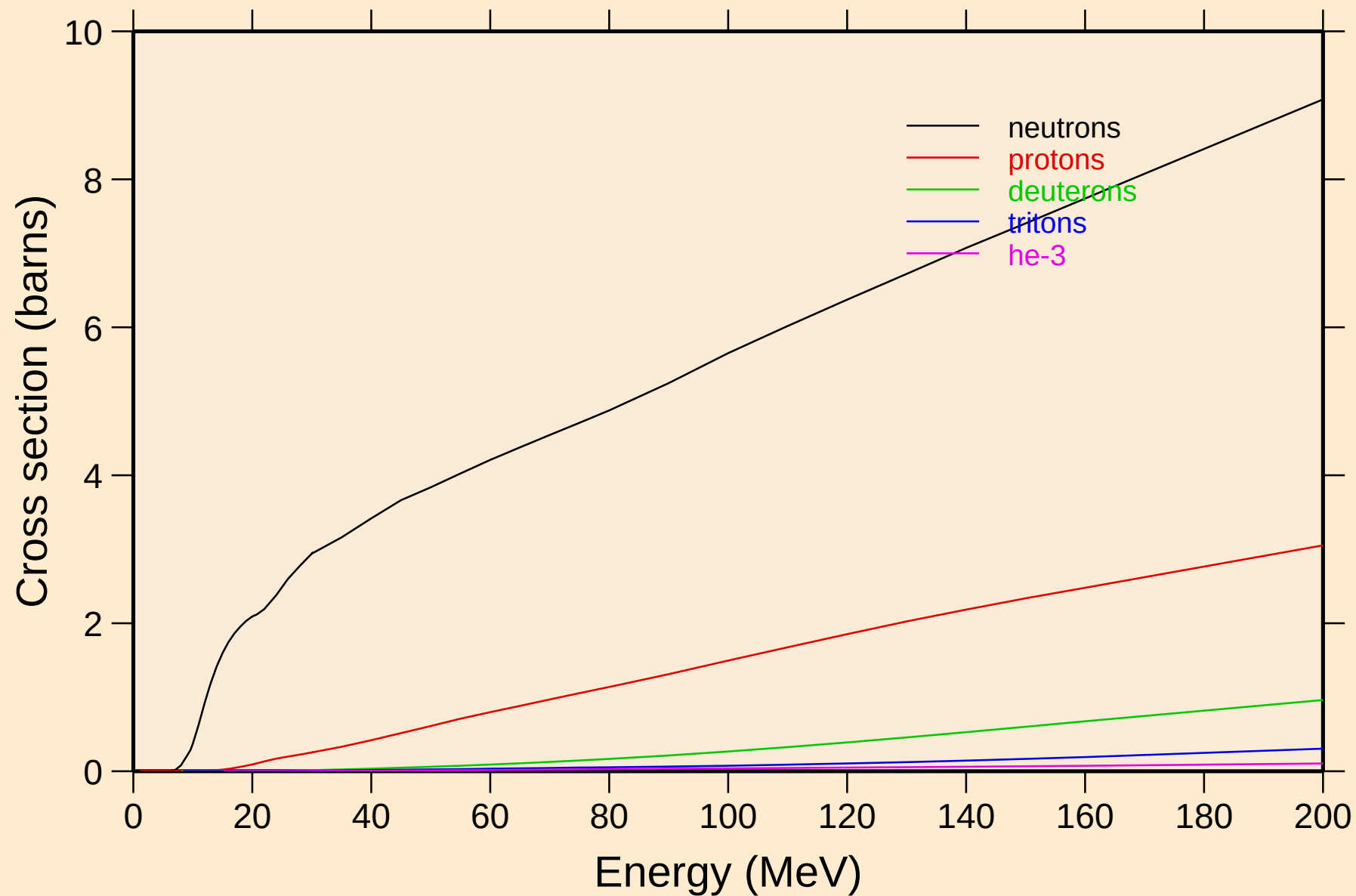
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating



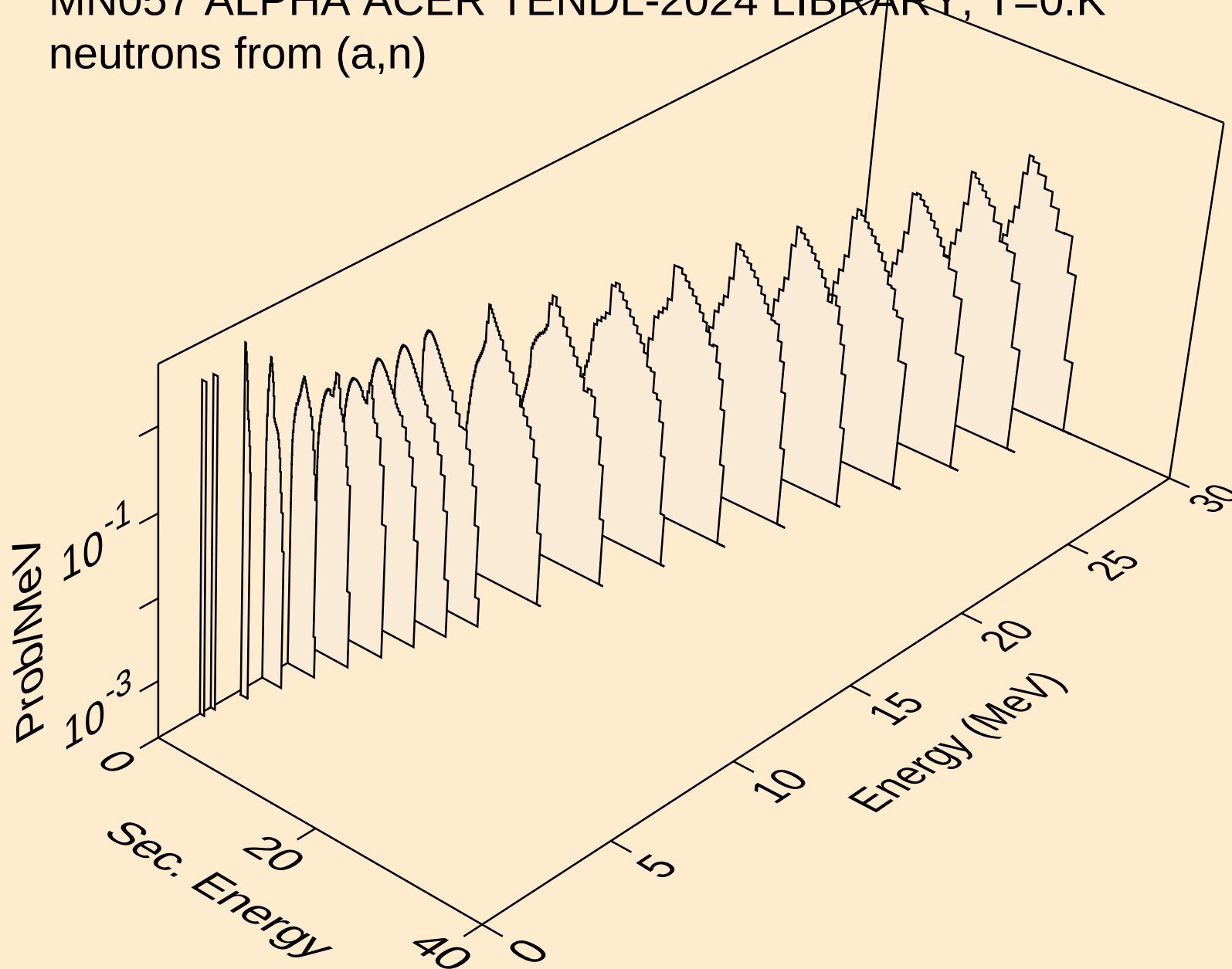
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle production cross sections

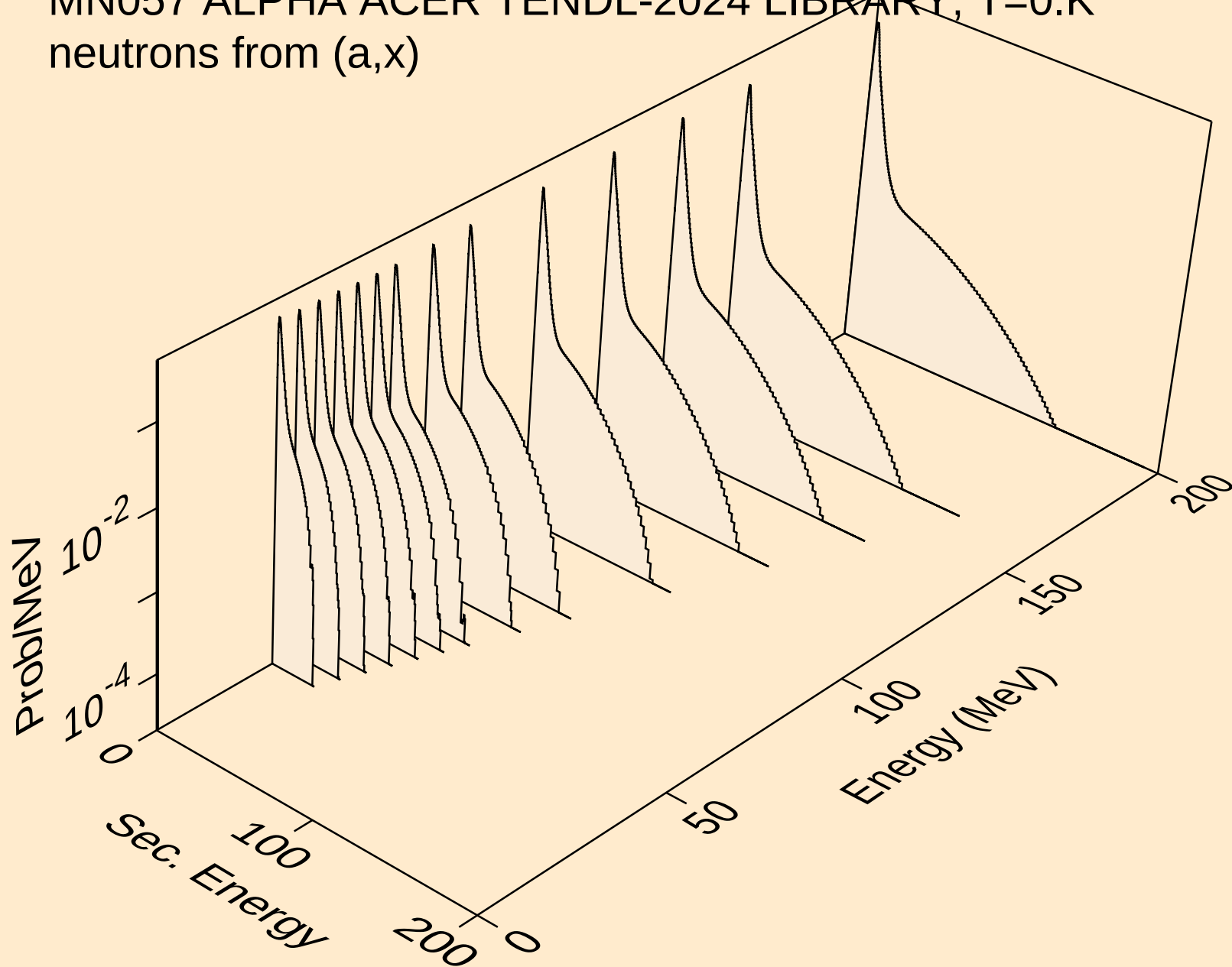




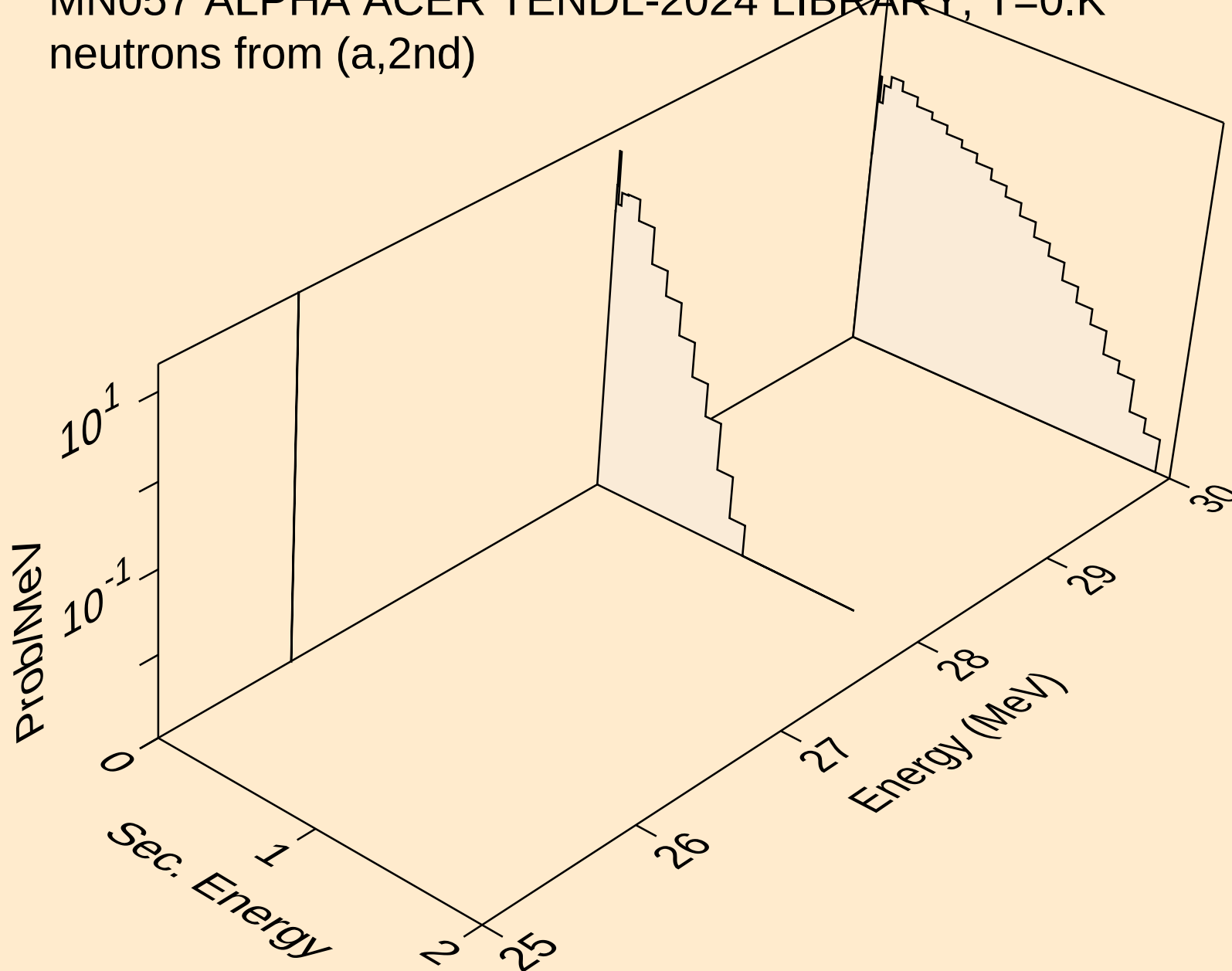
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



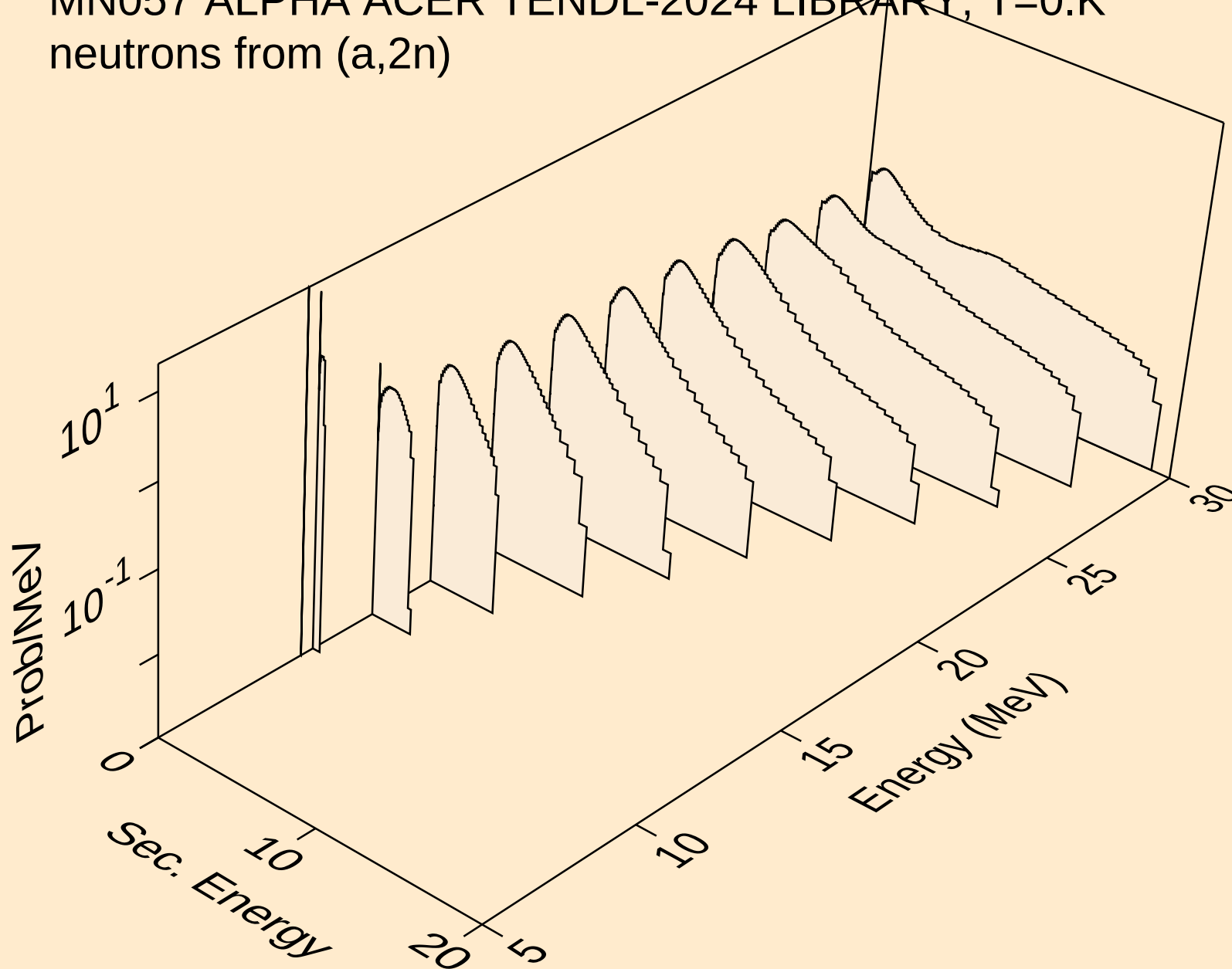
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



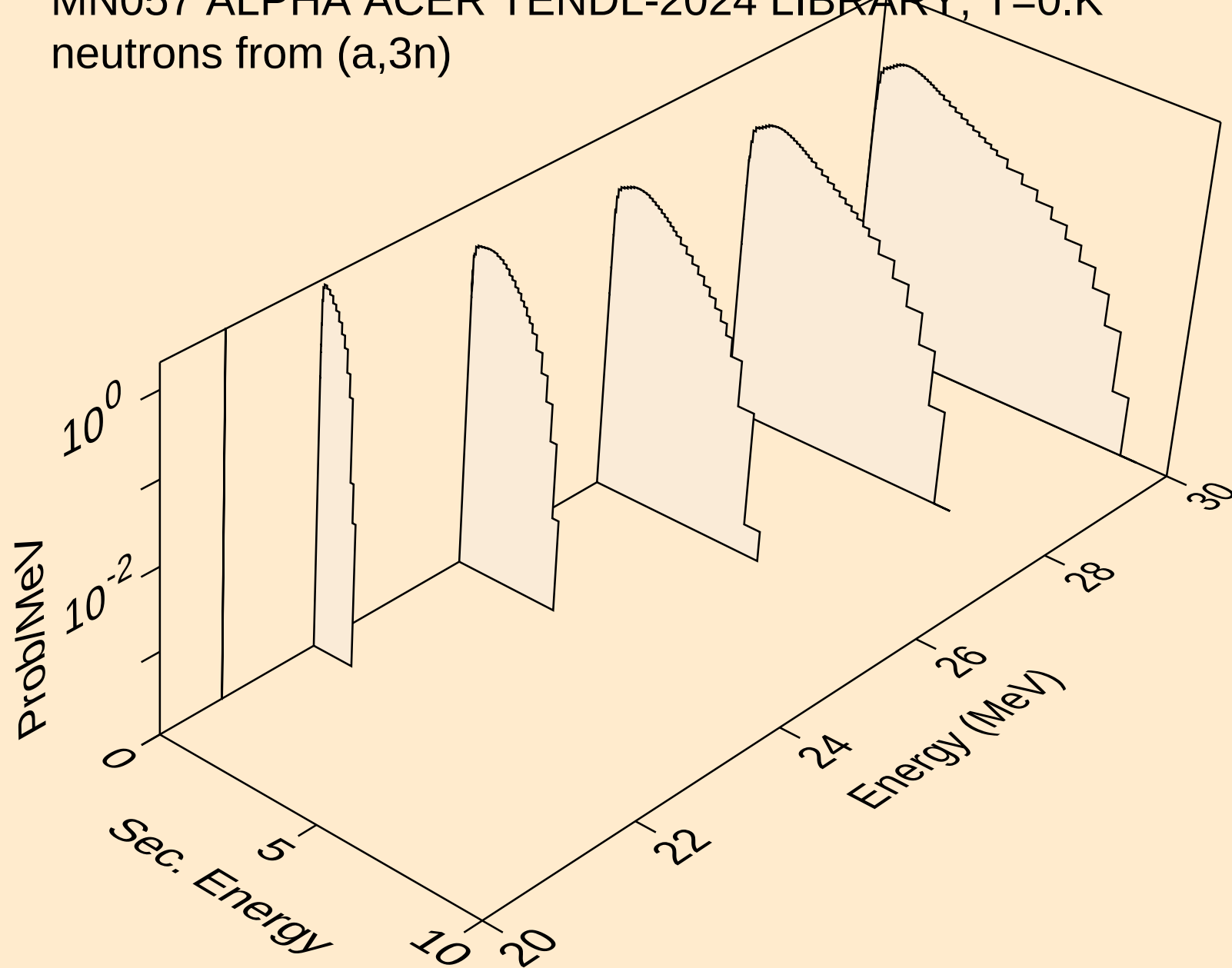
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2nd)



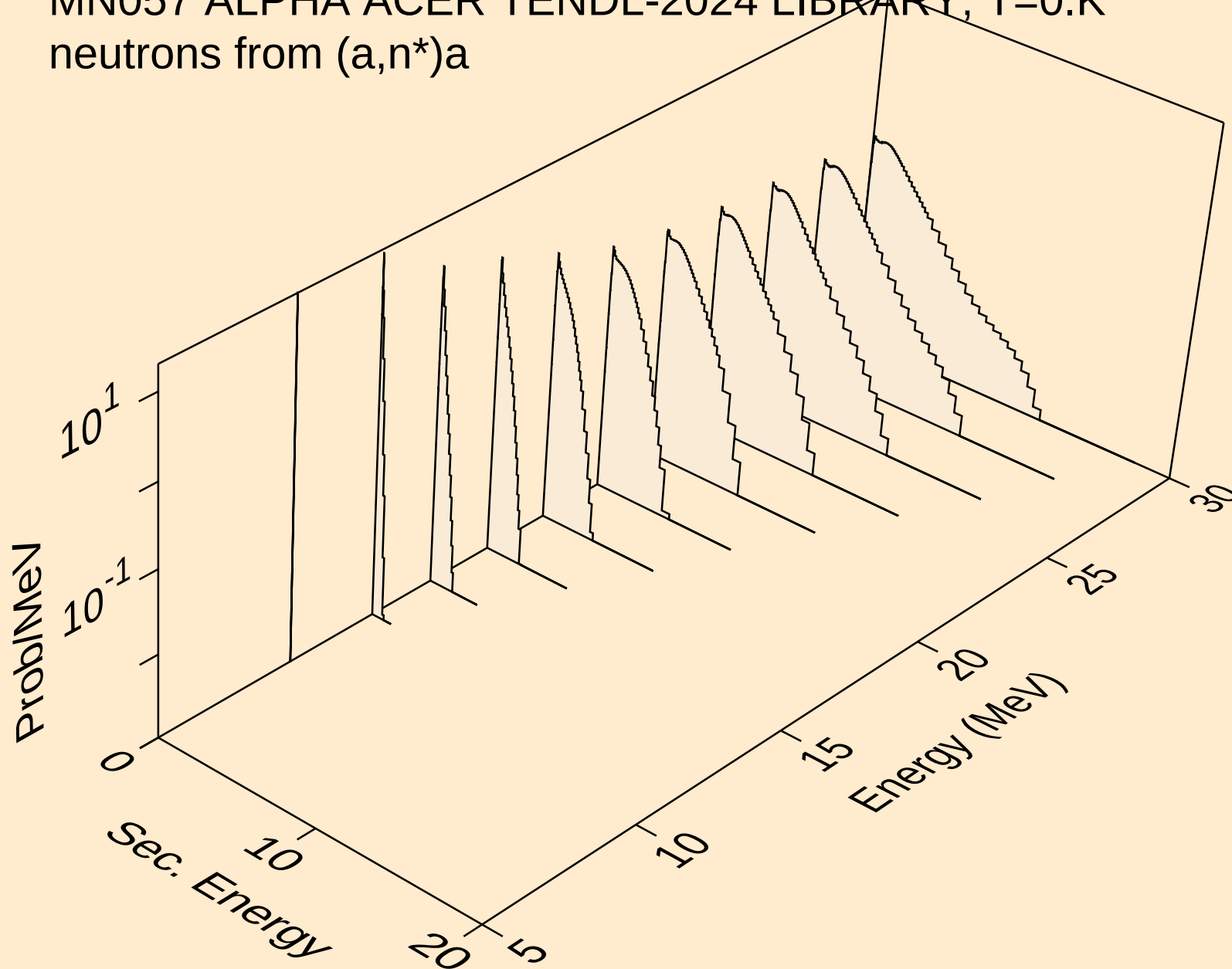
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



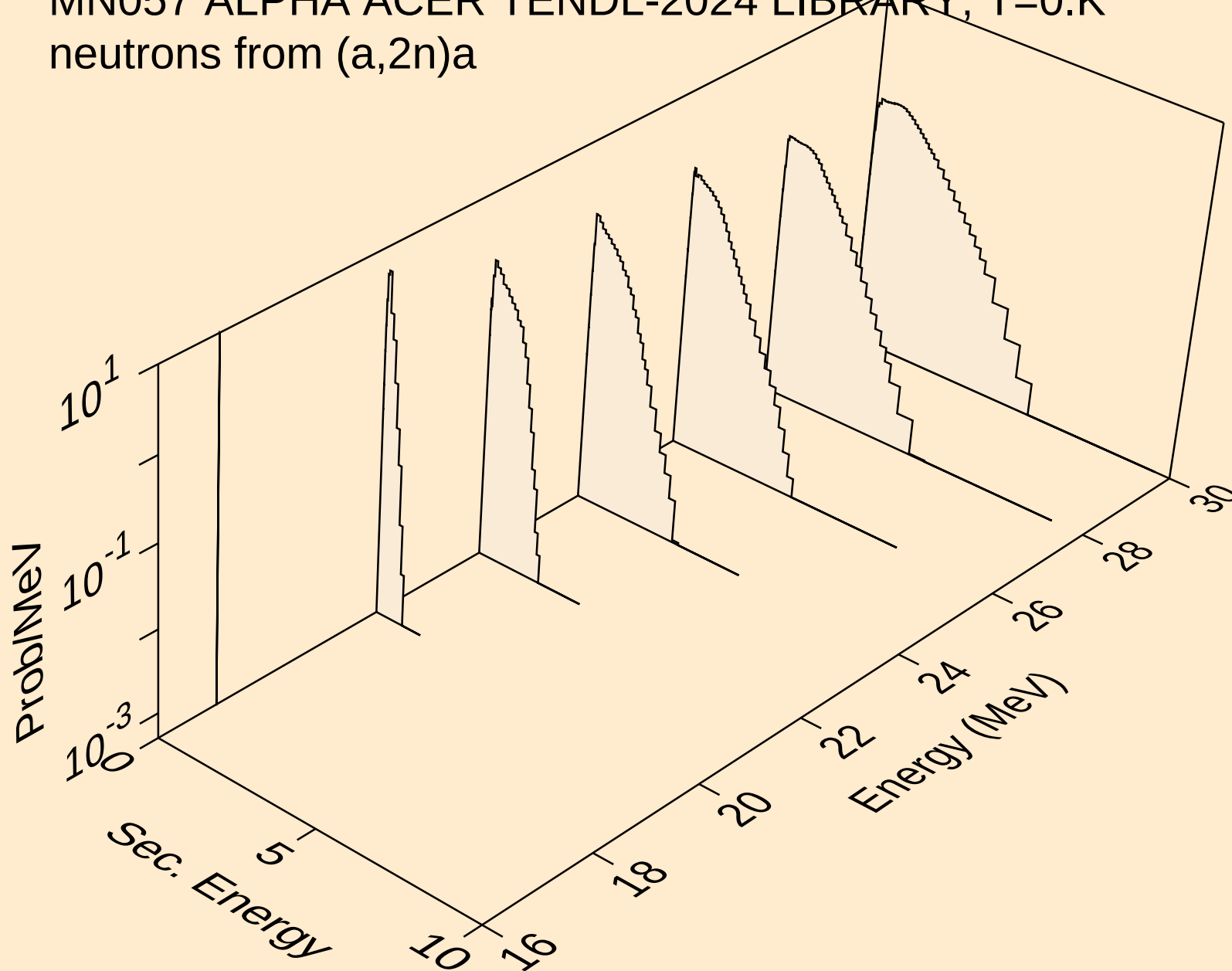
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



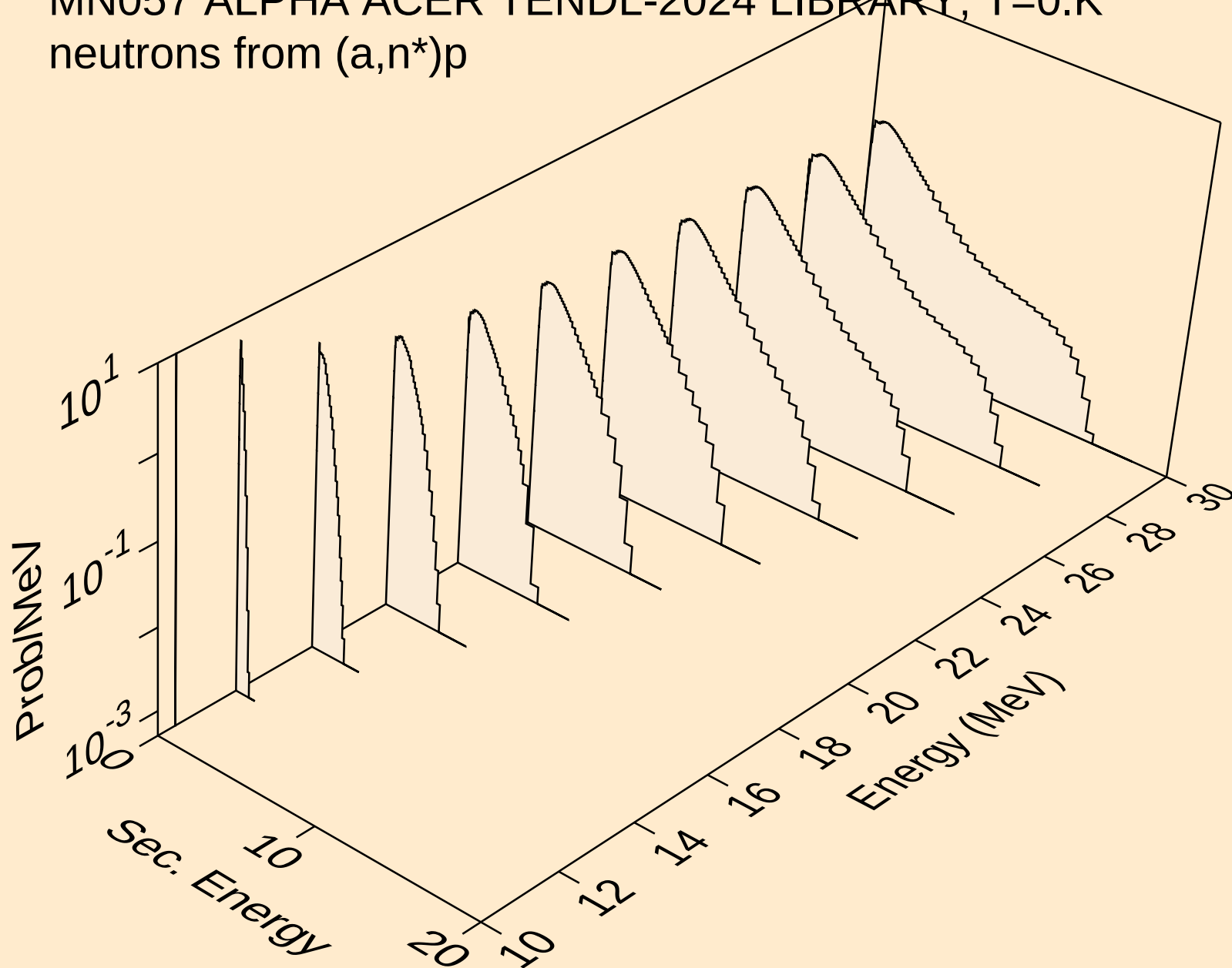
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a

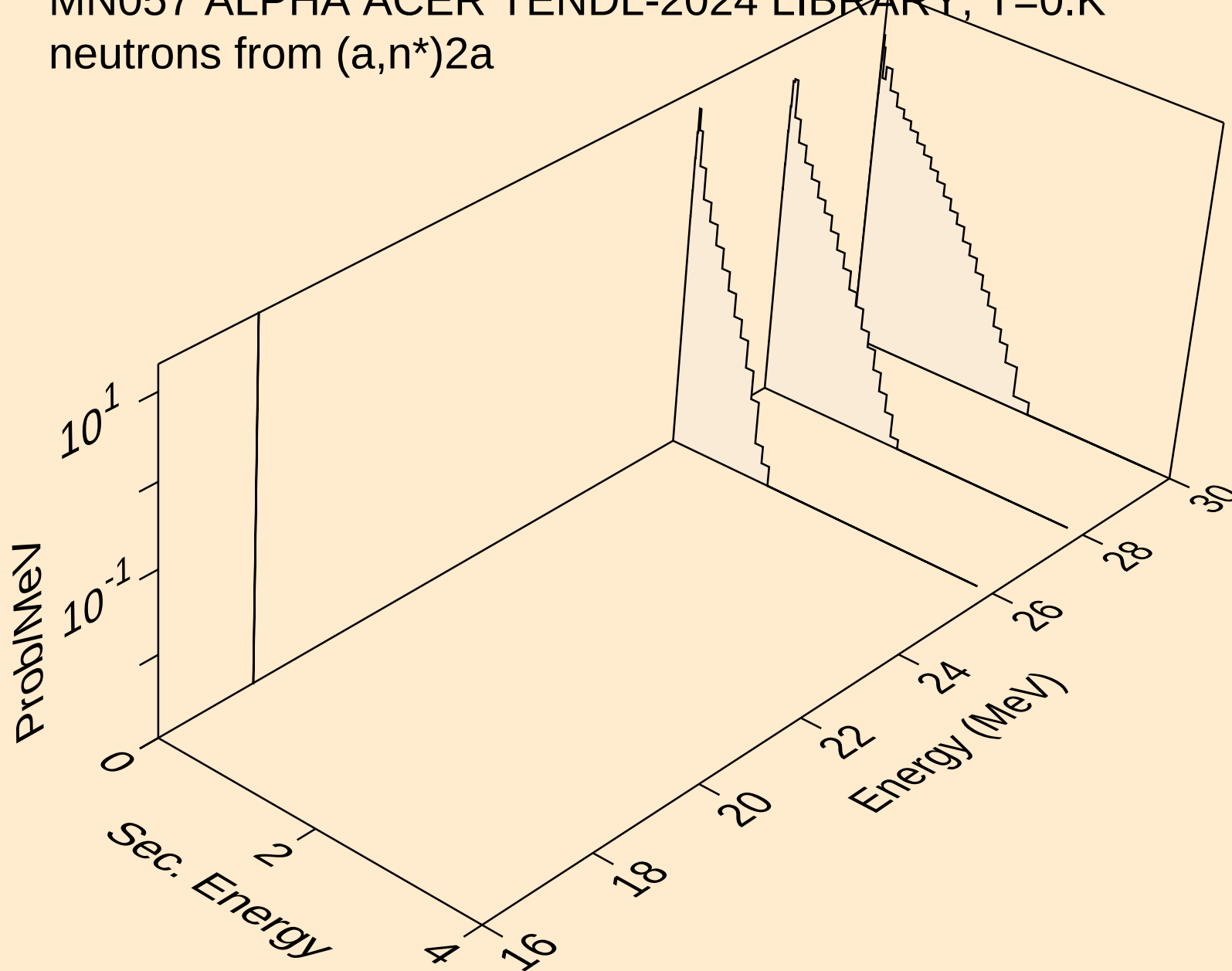


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p

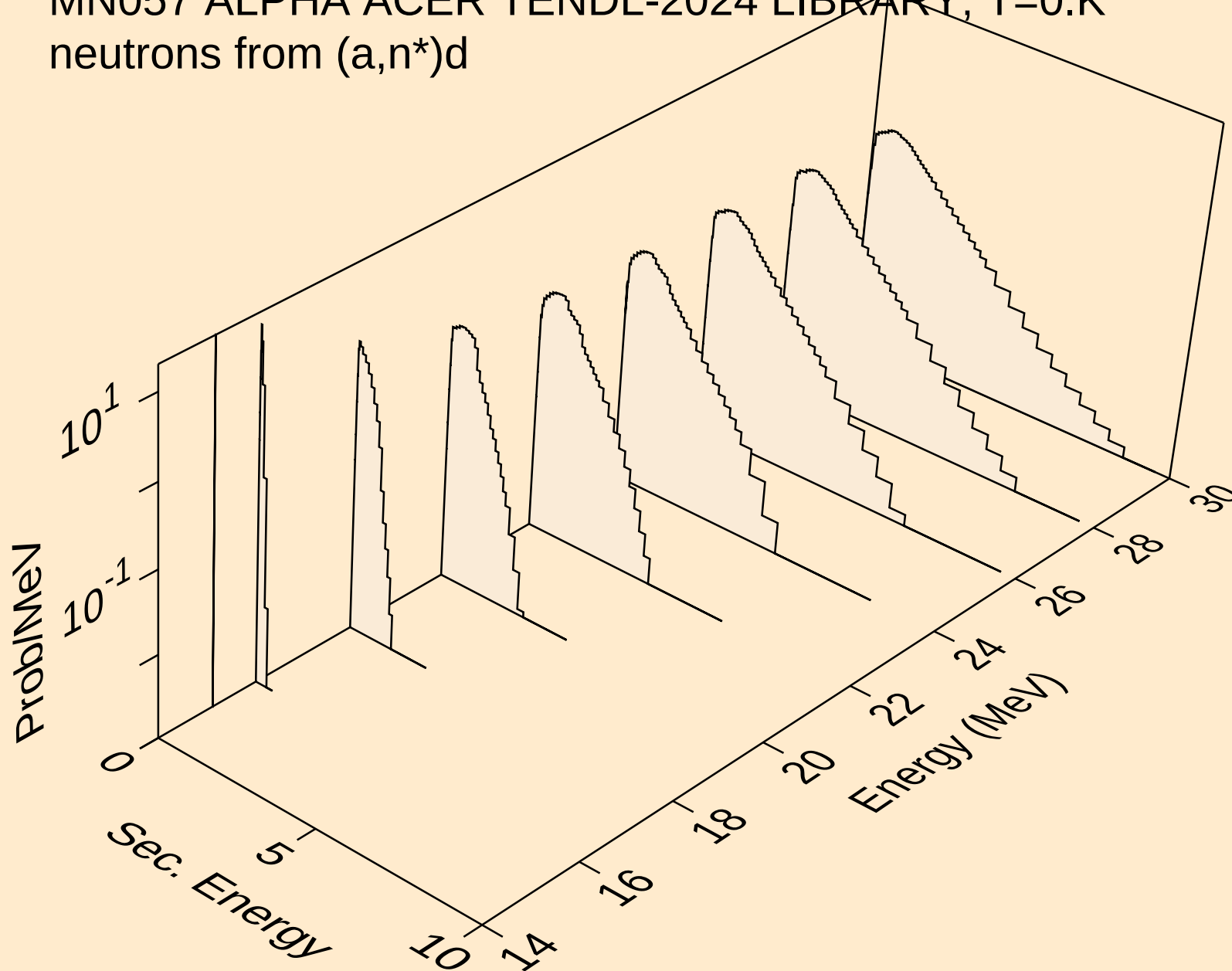




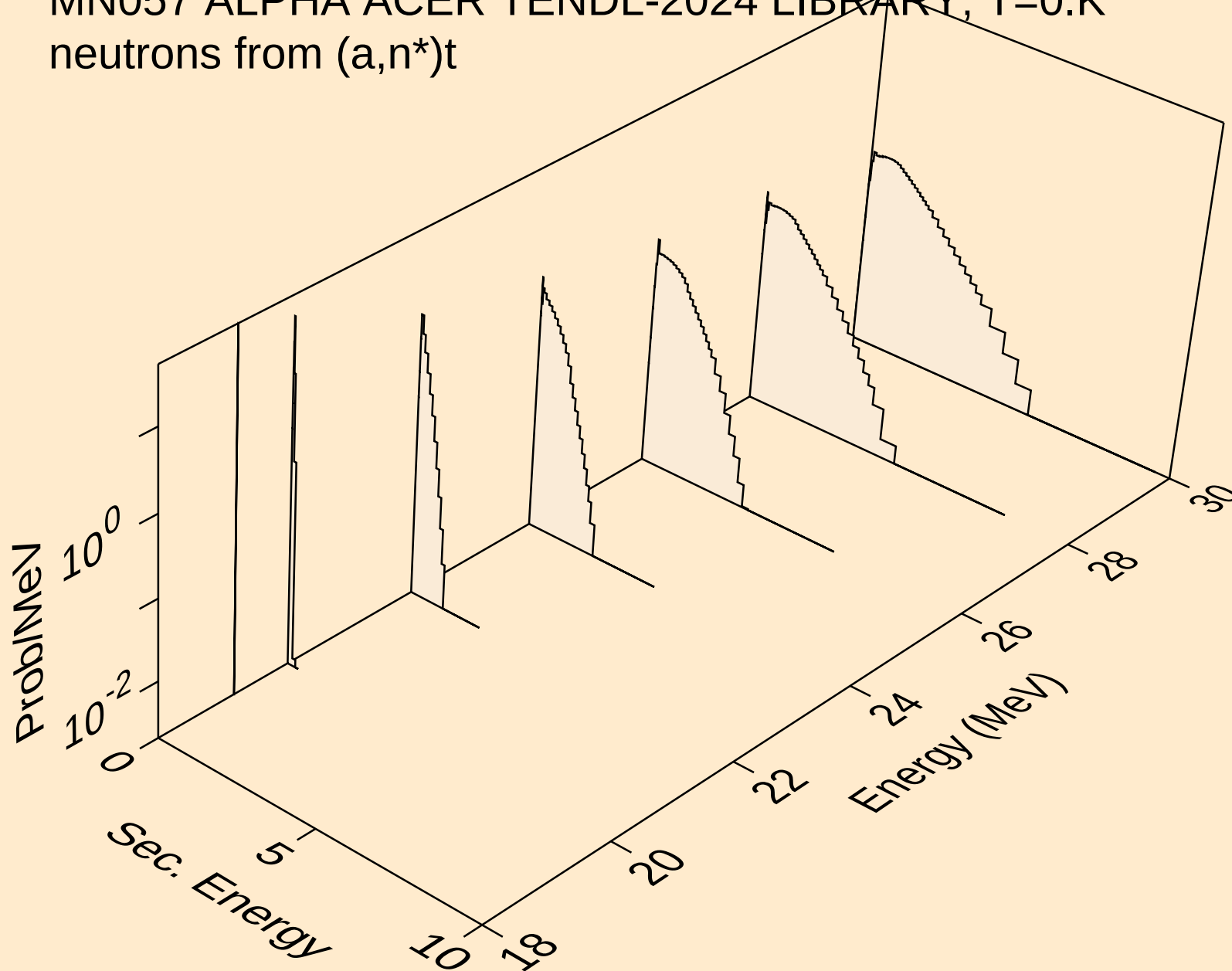
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



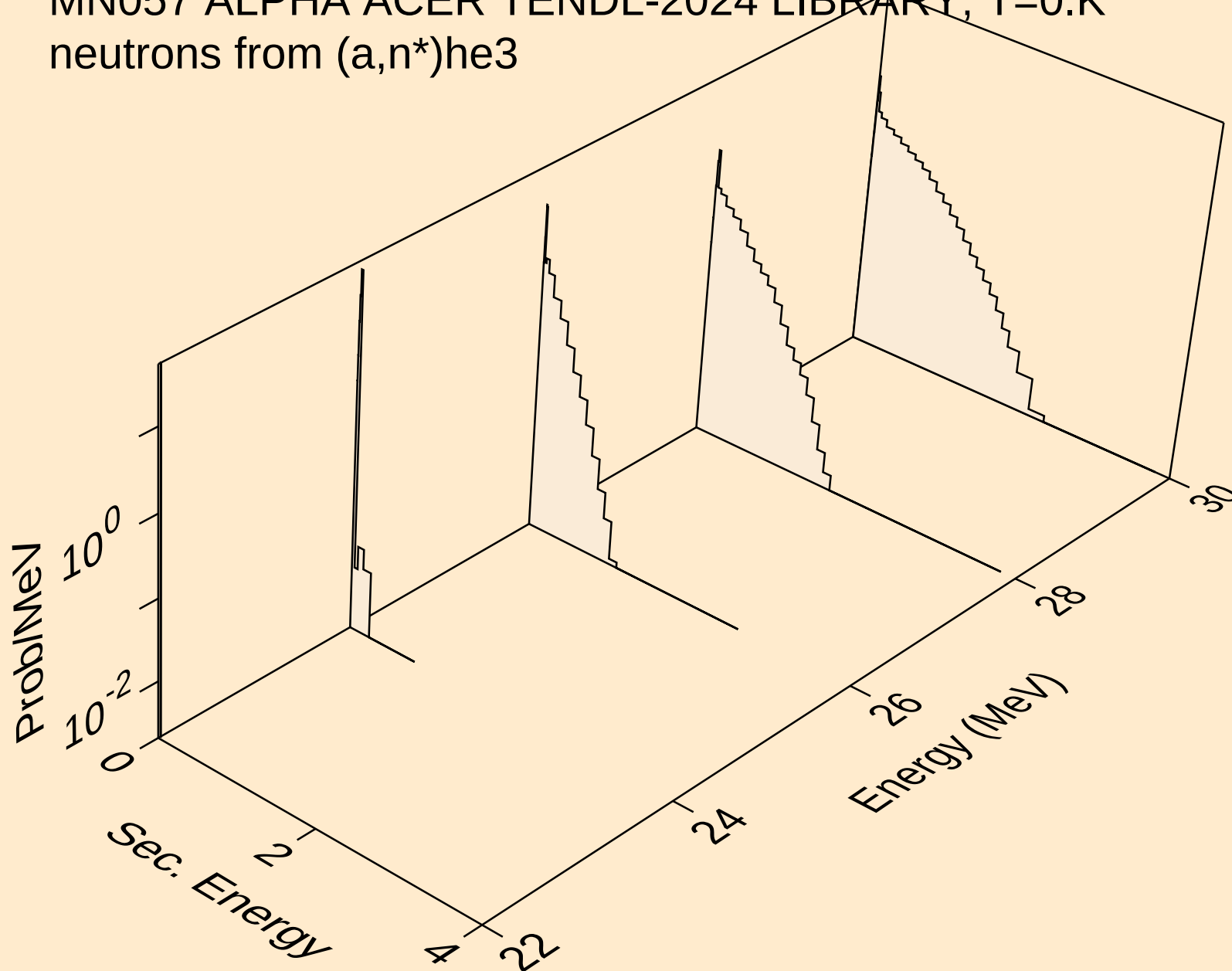
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



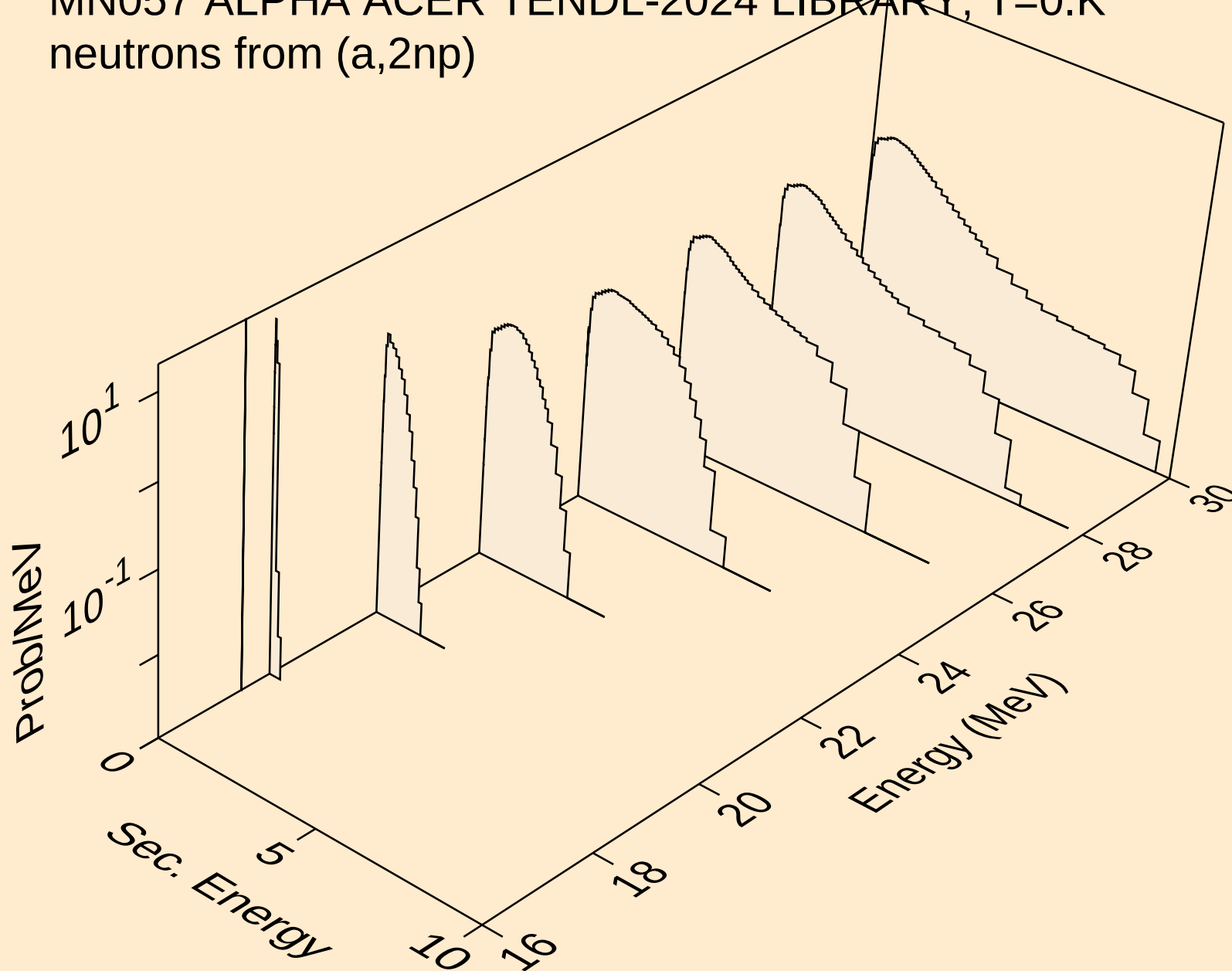
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



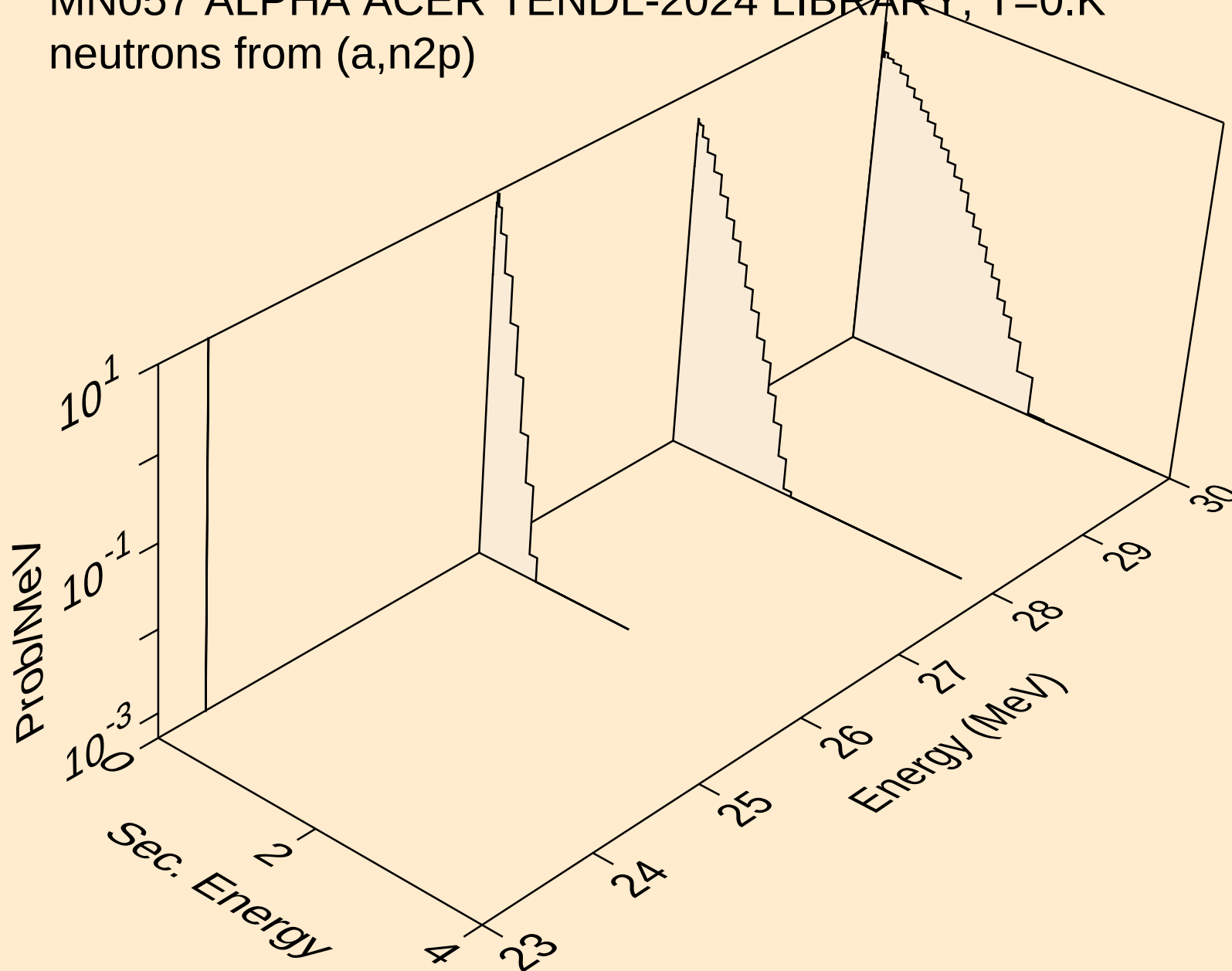
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



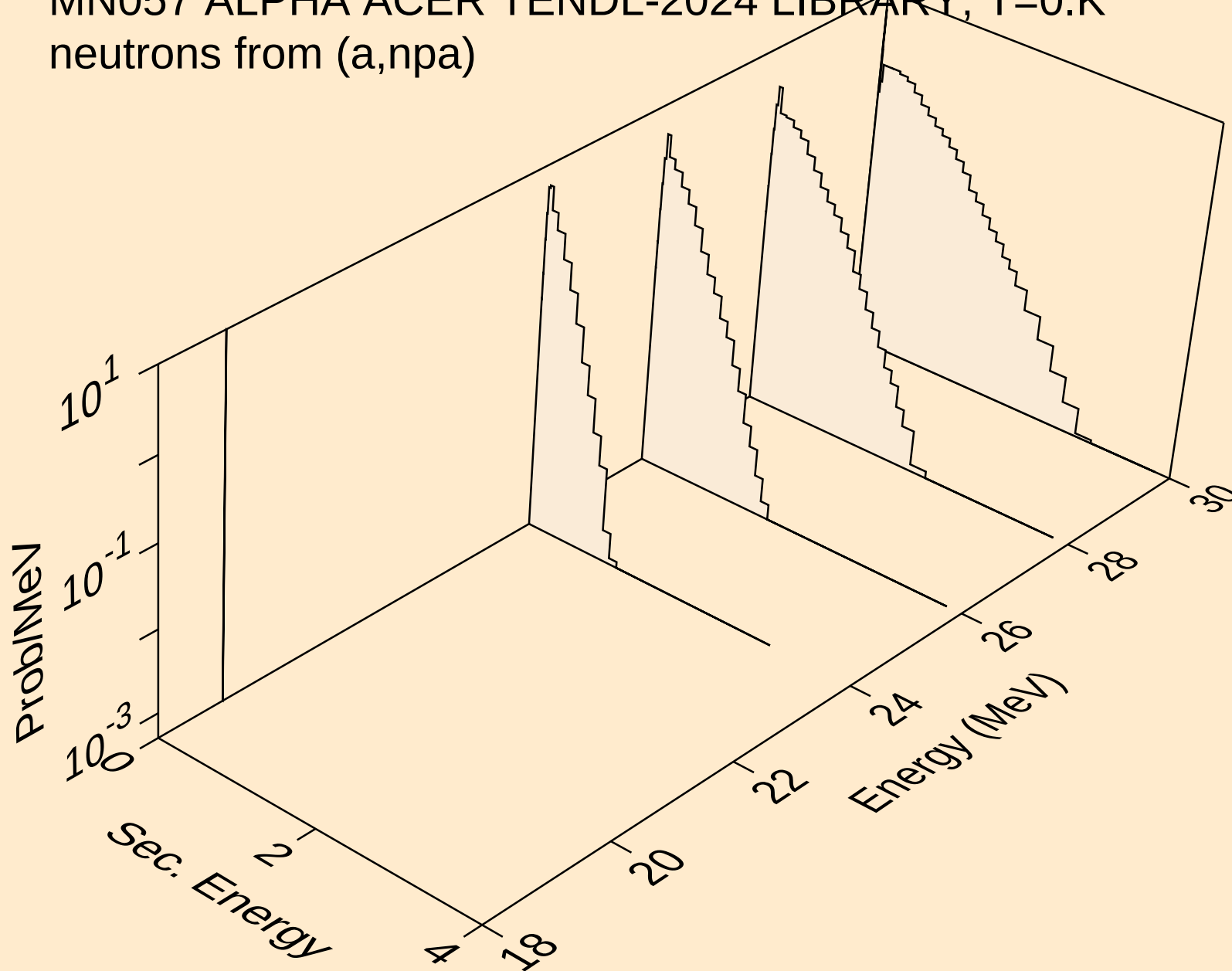
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)



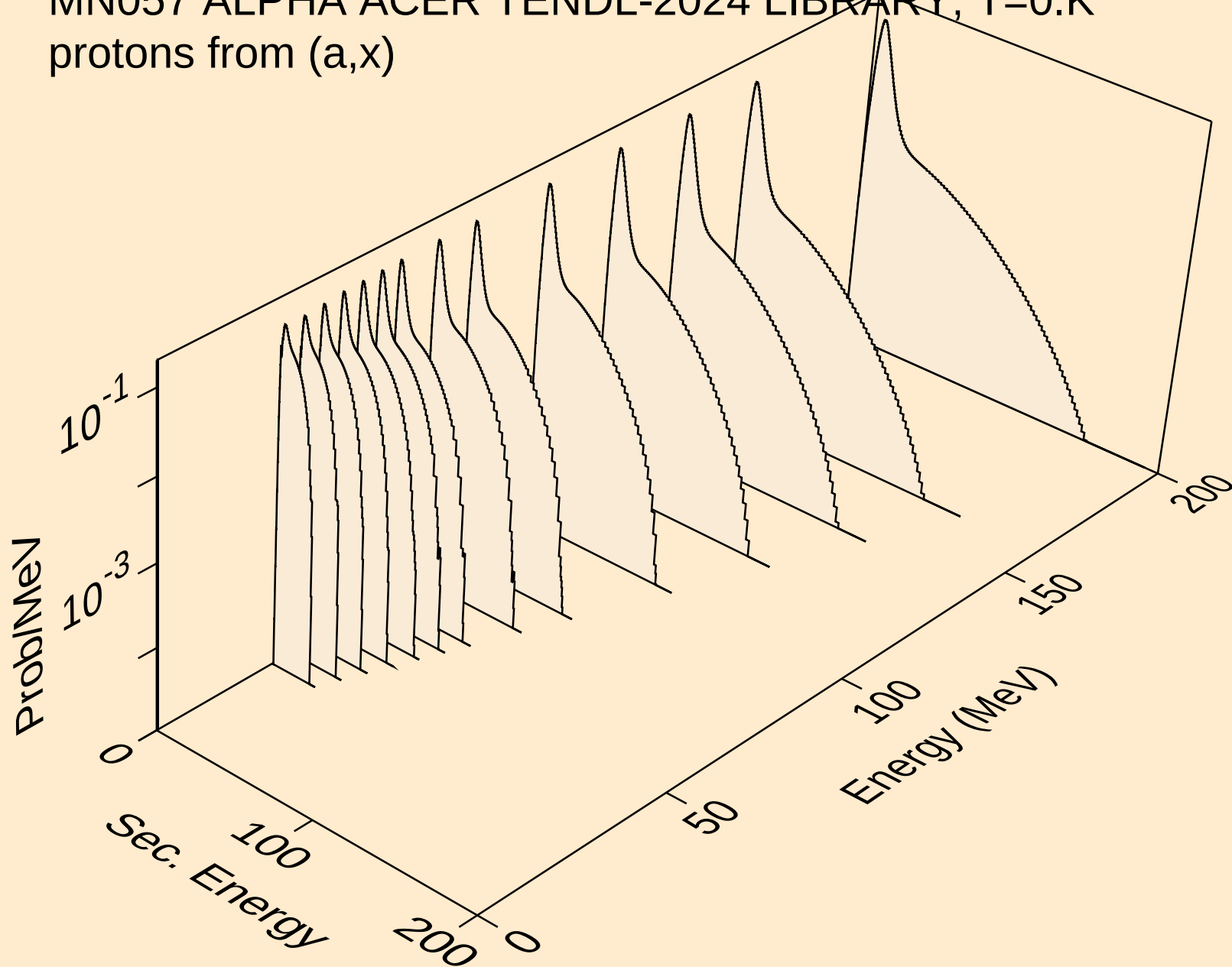
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)

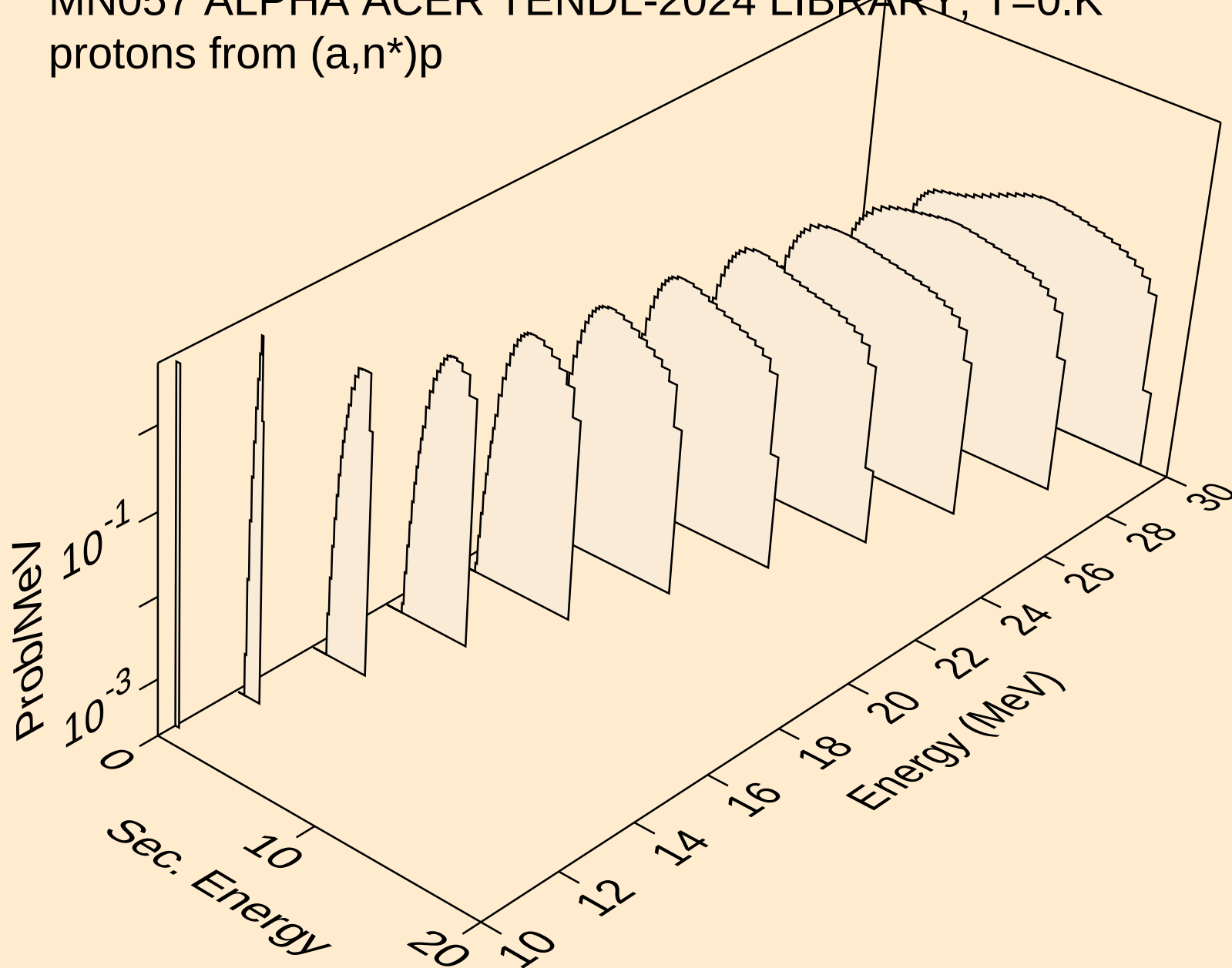


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)

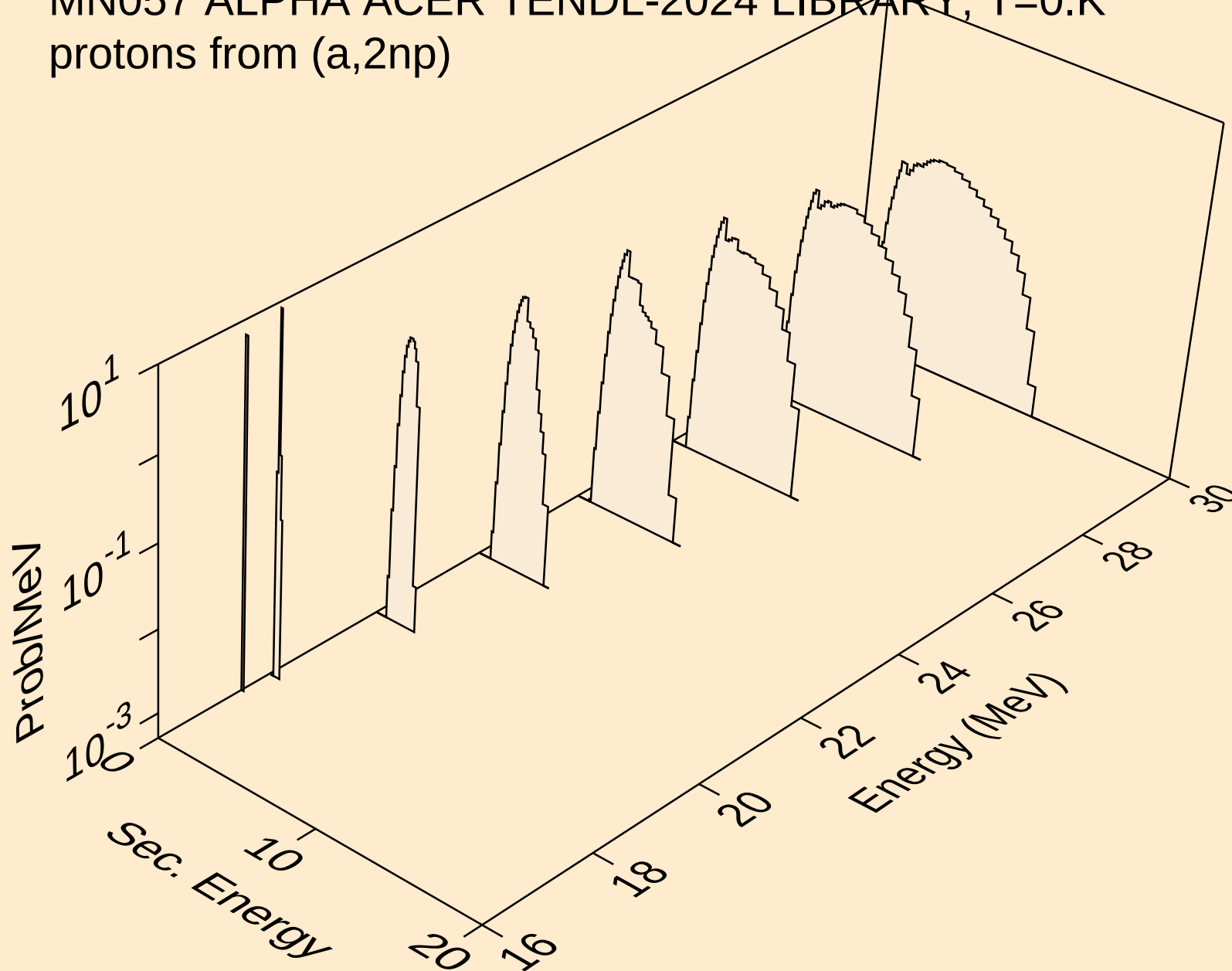




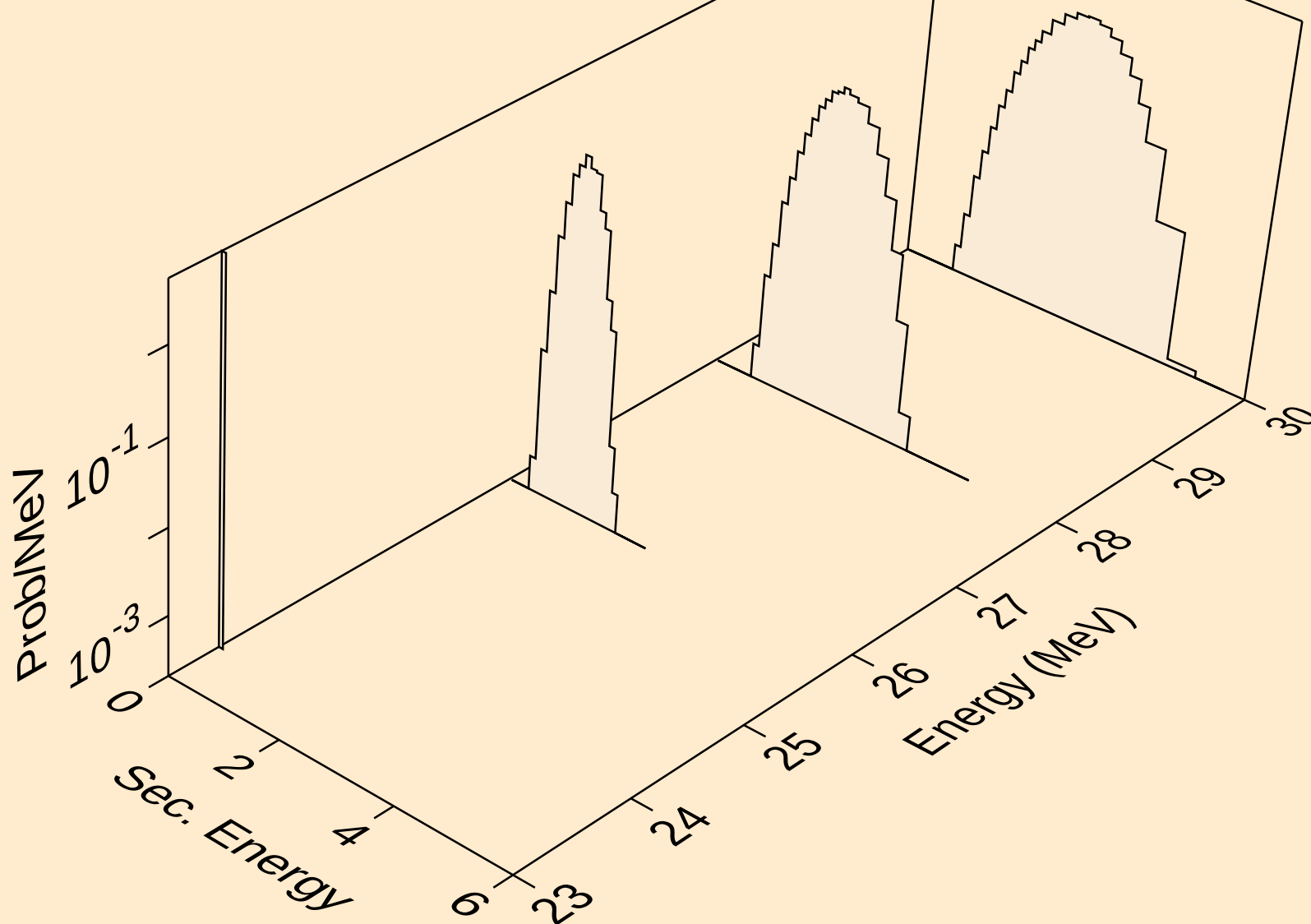
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protons from (a,n\*)p



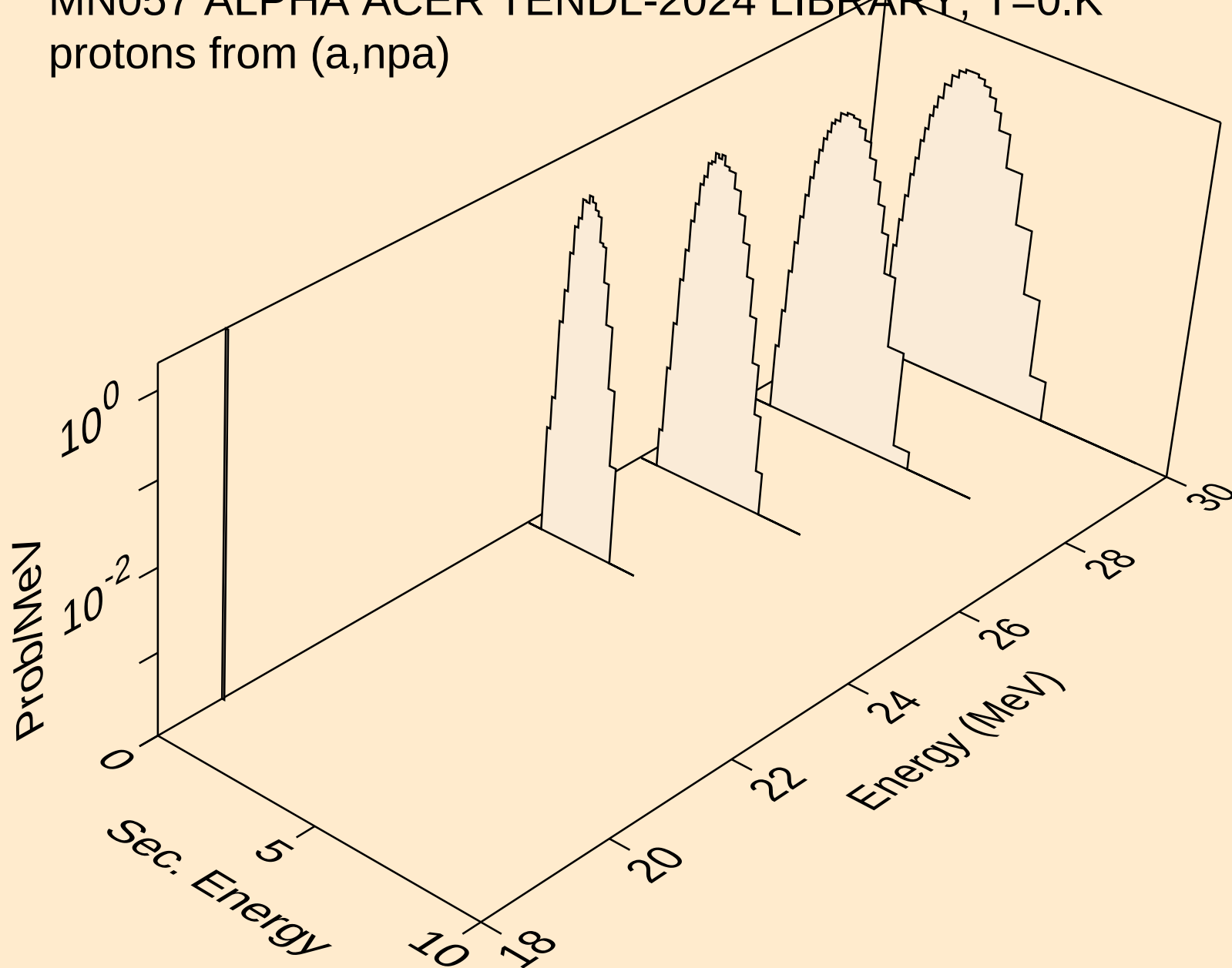
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protons from (a,2np)



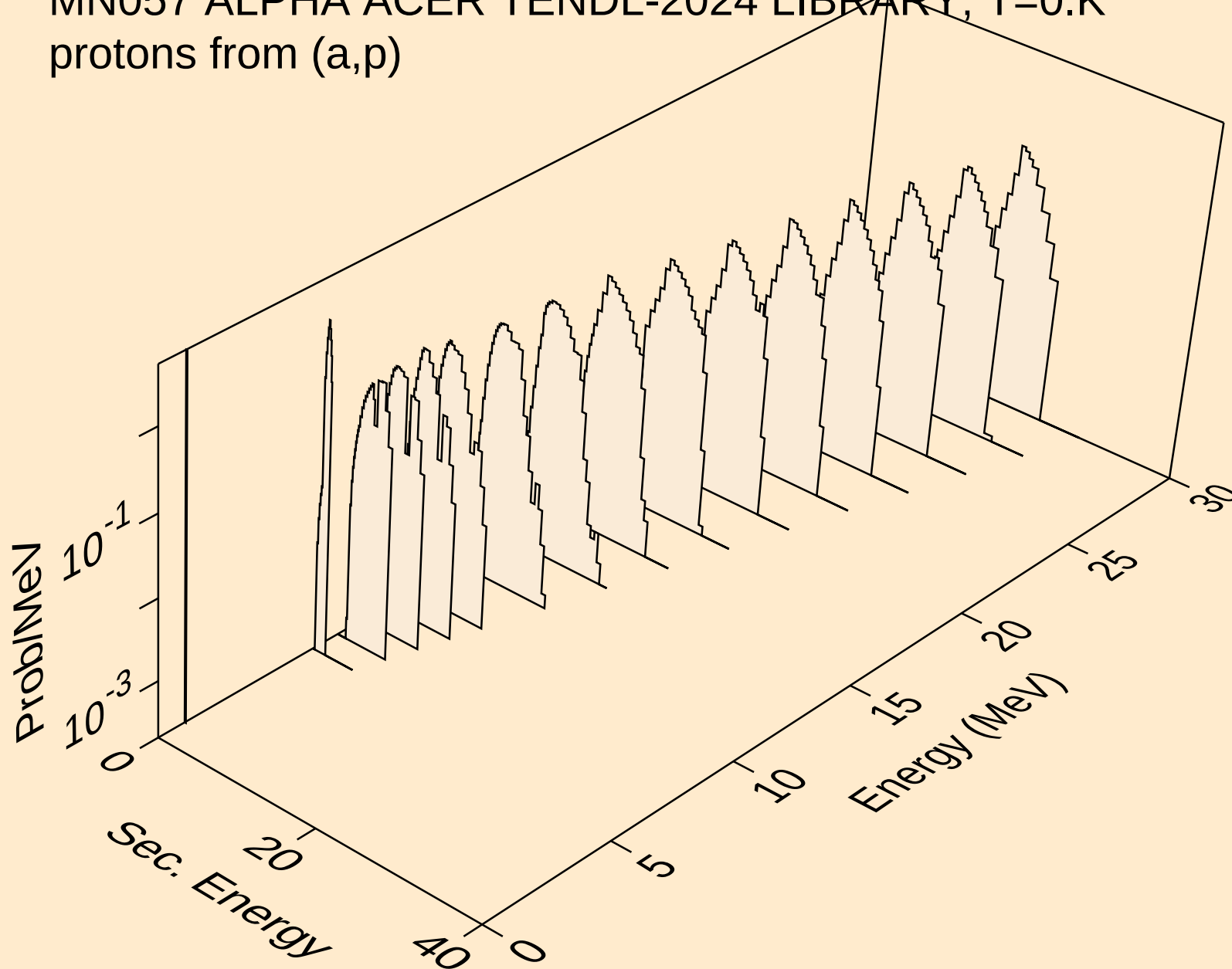
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protons from (a,n2p)



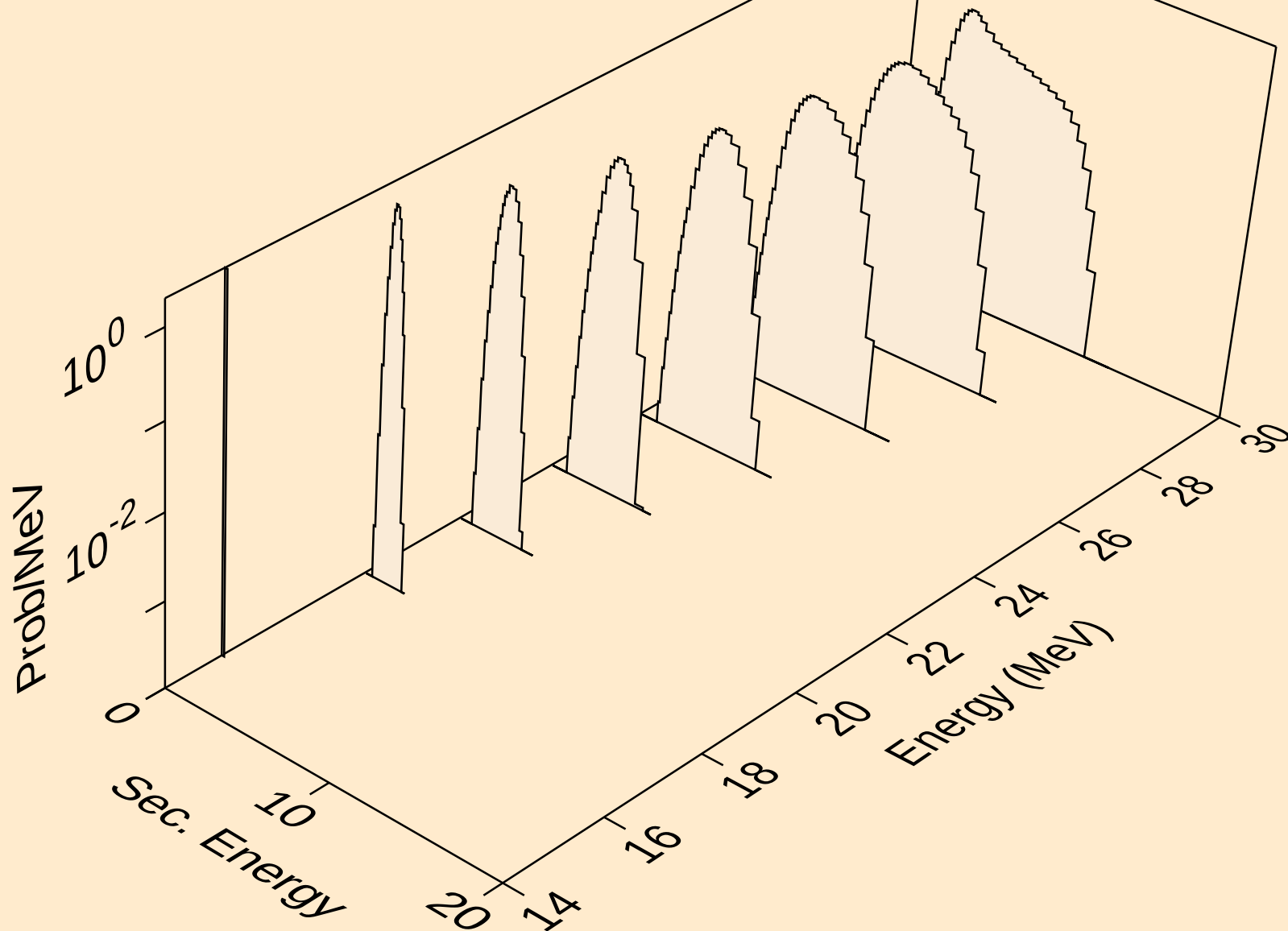
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



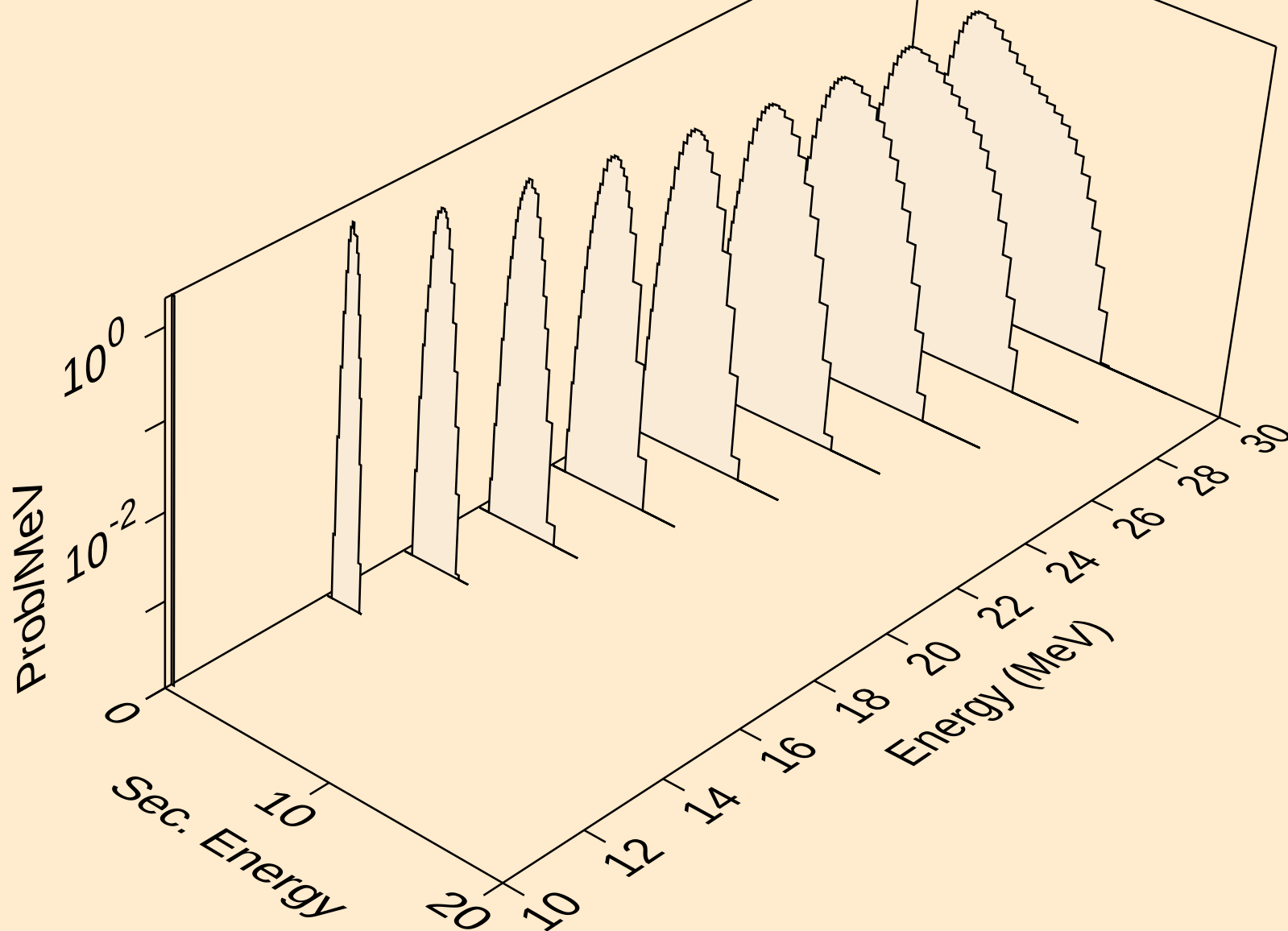
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



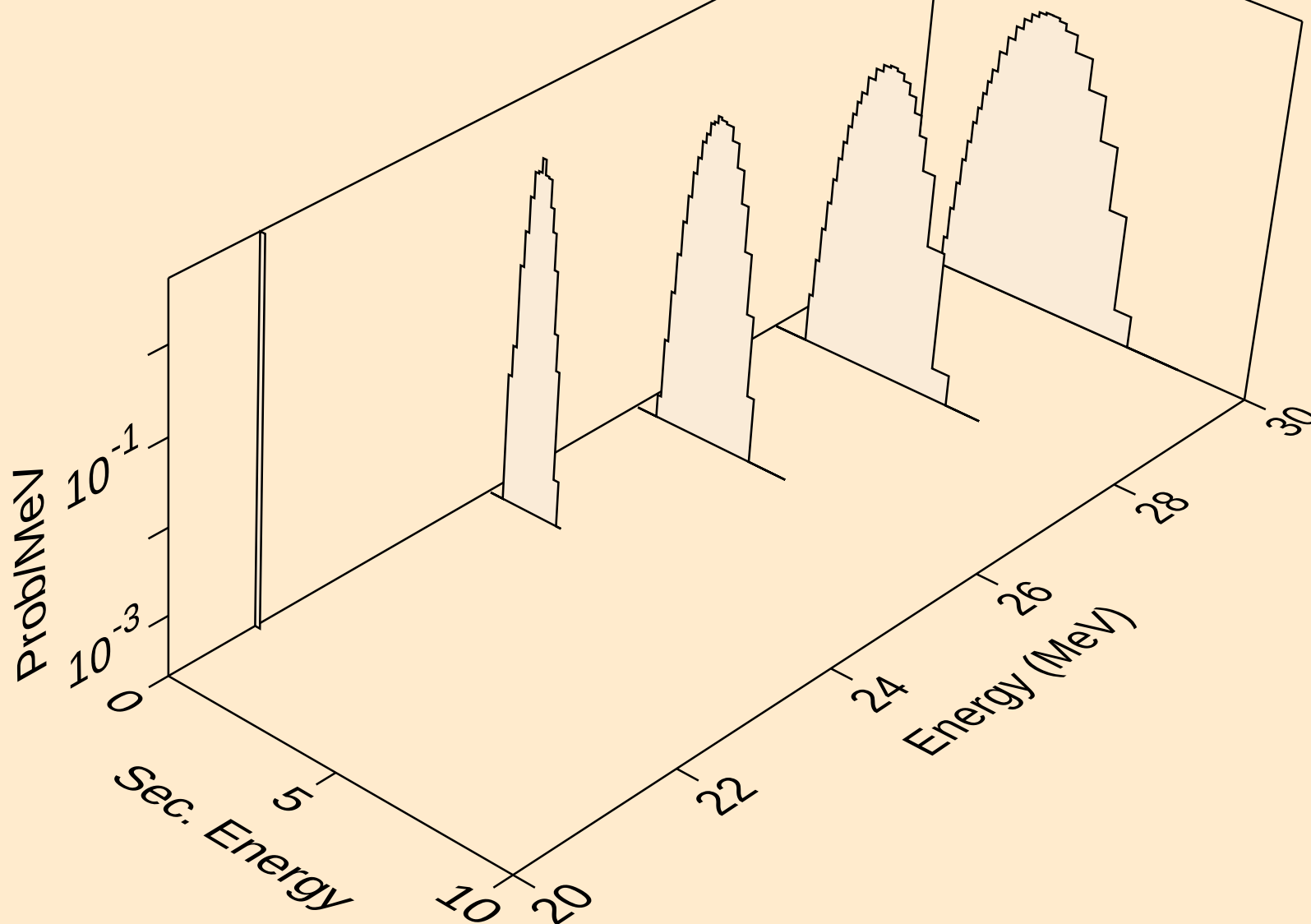
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)

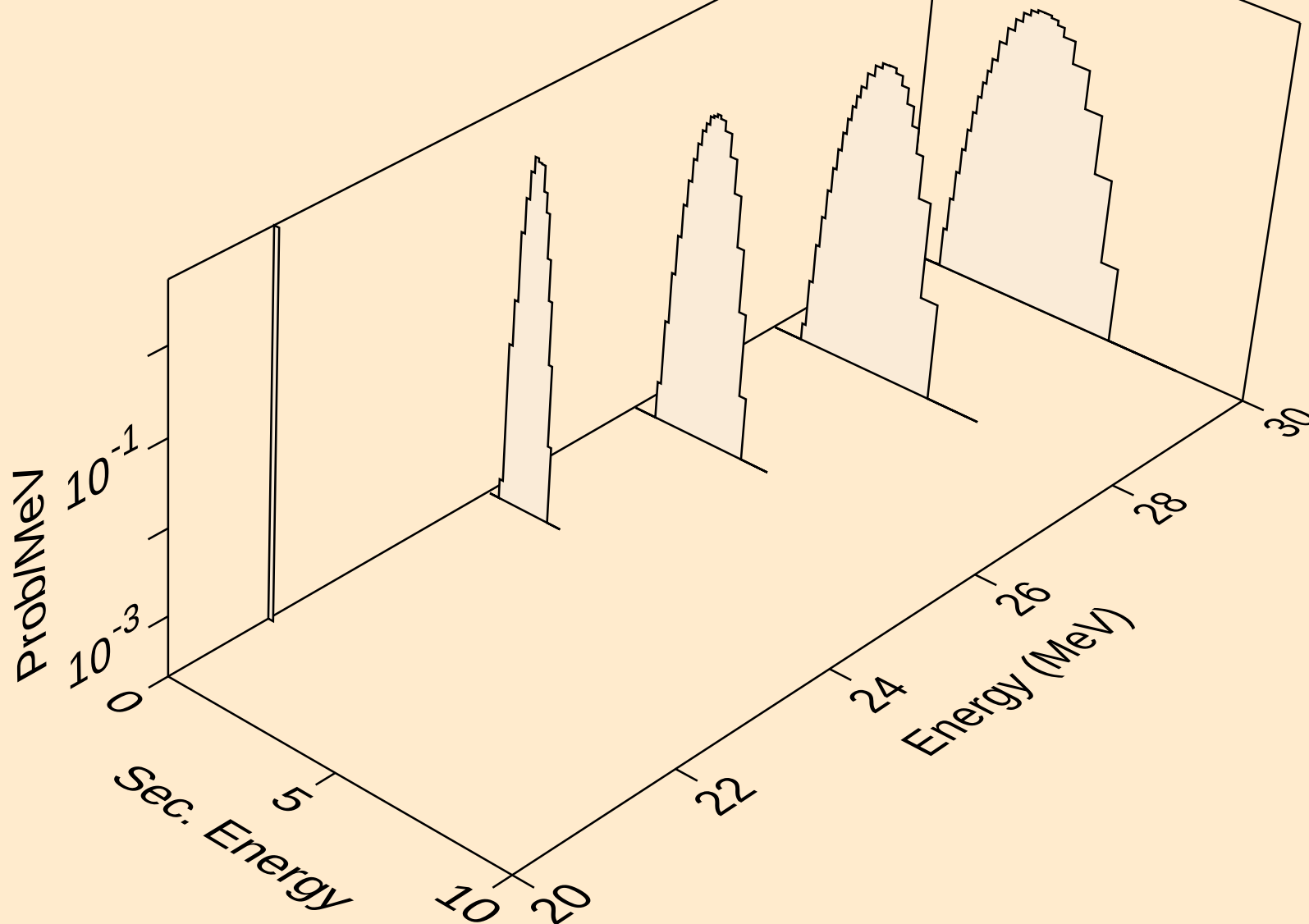


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)

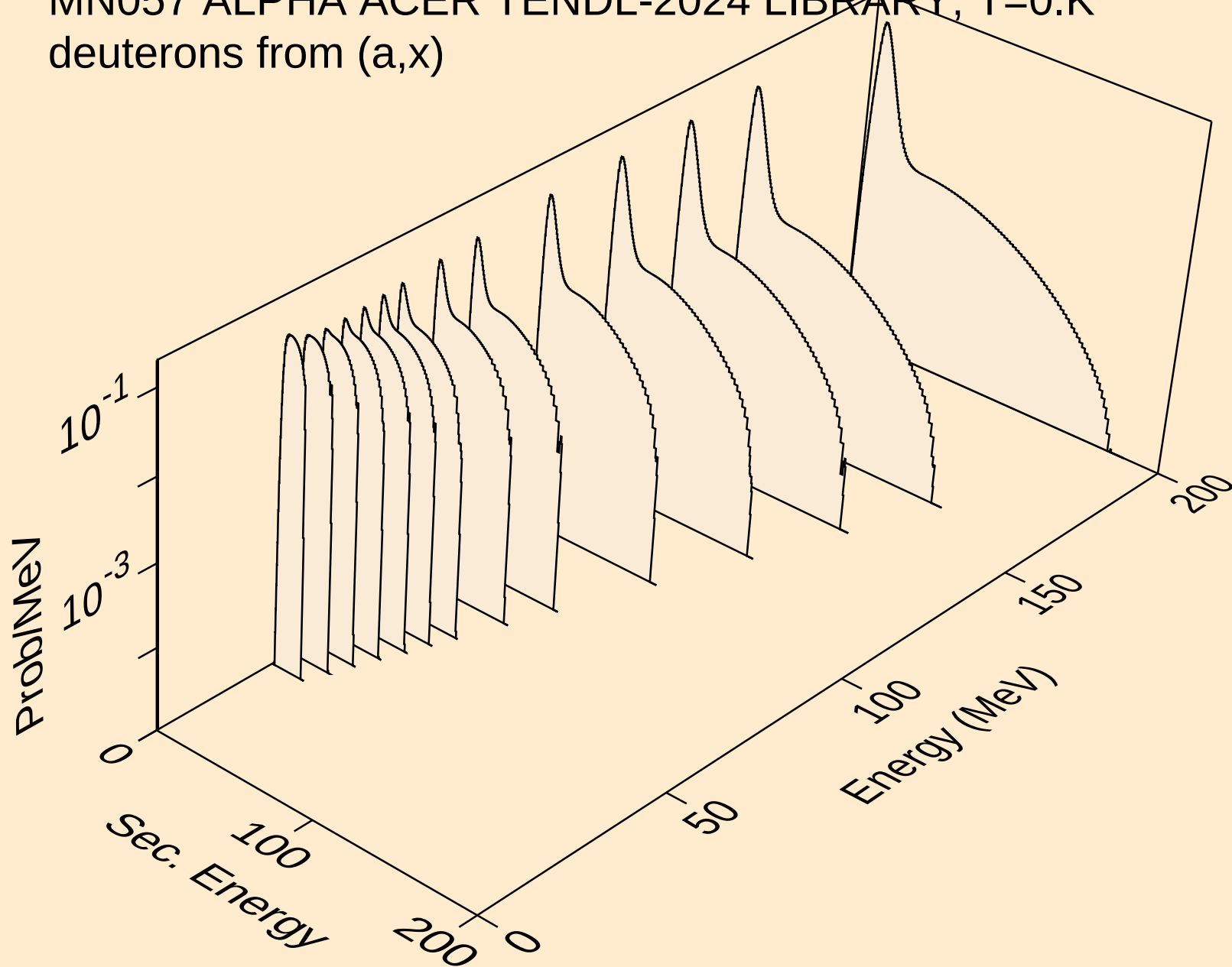




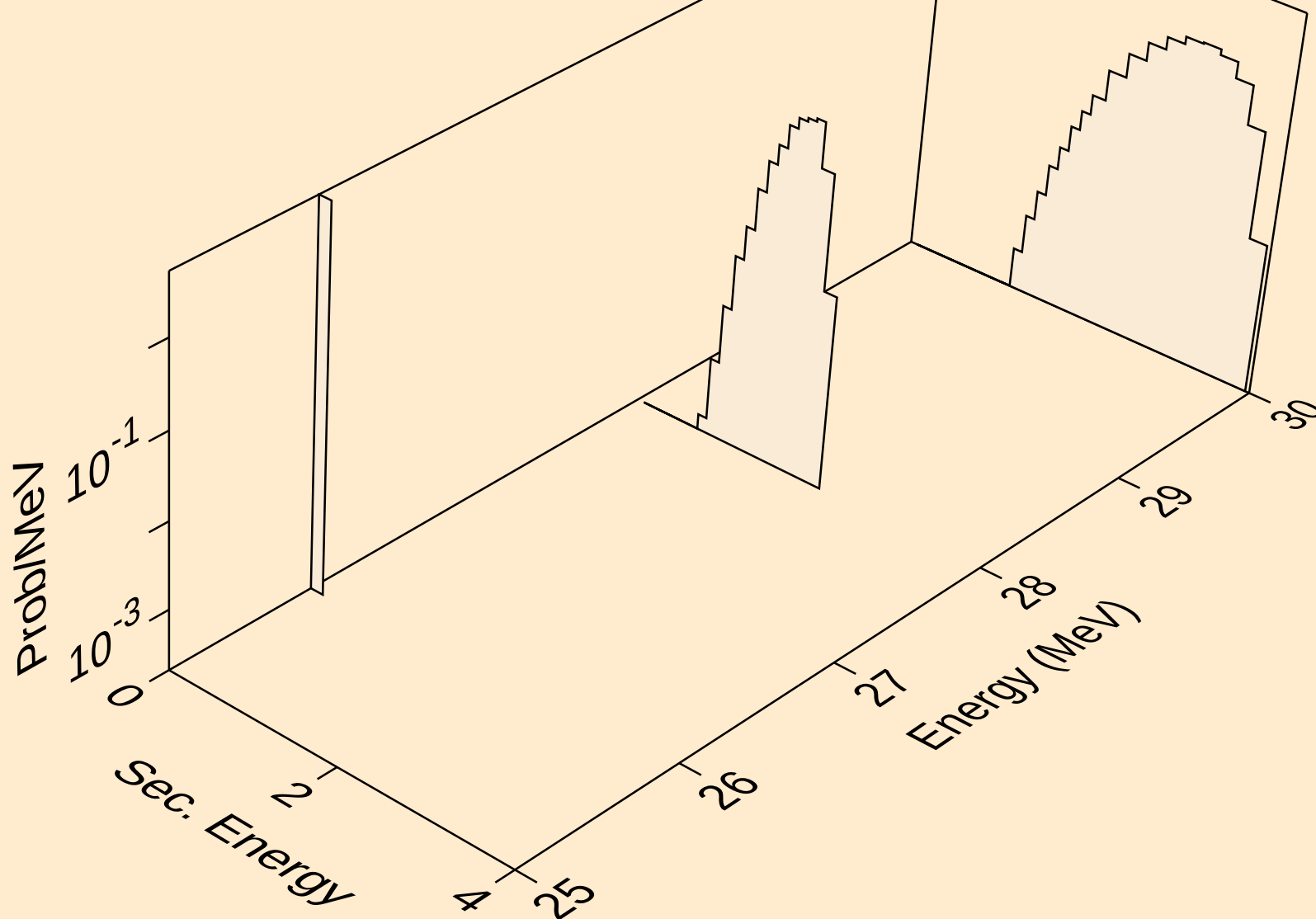
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protons from (a,pt)



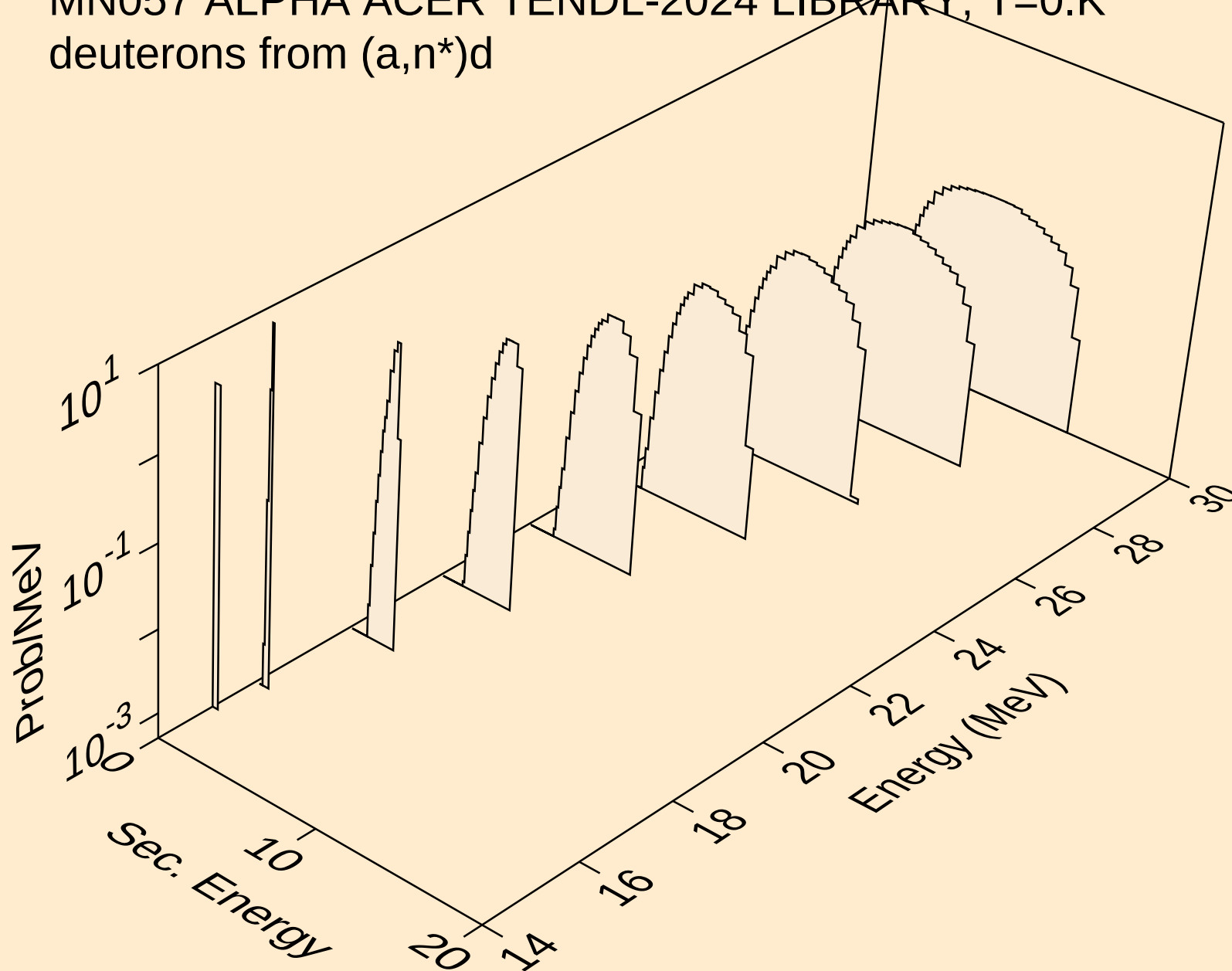
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



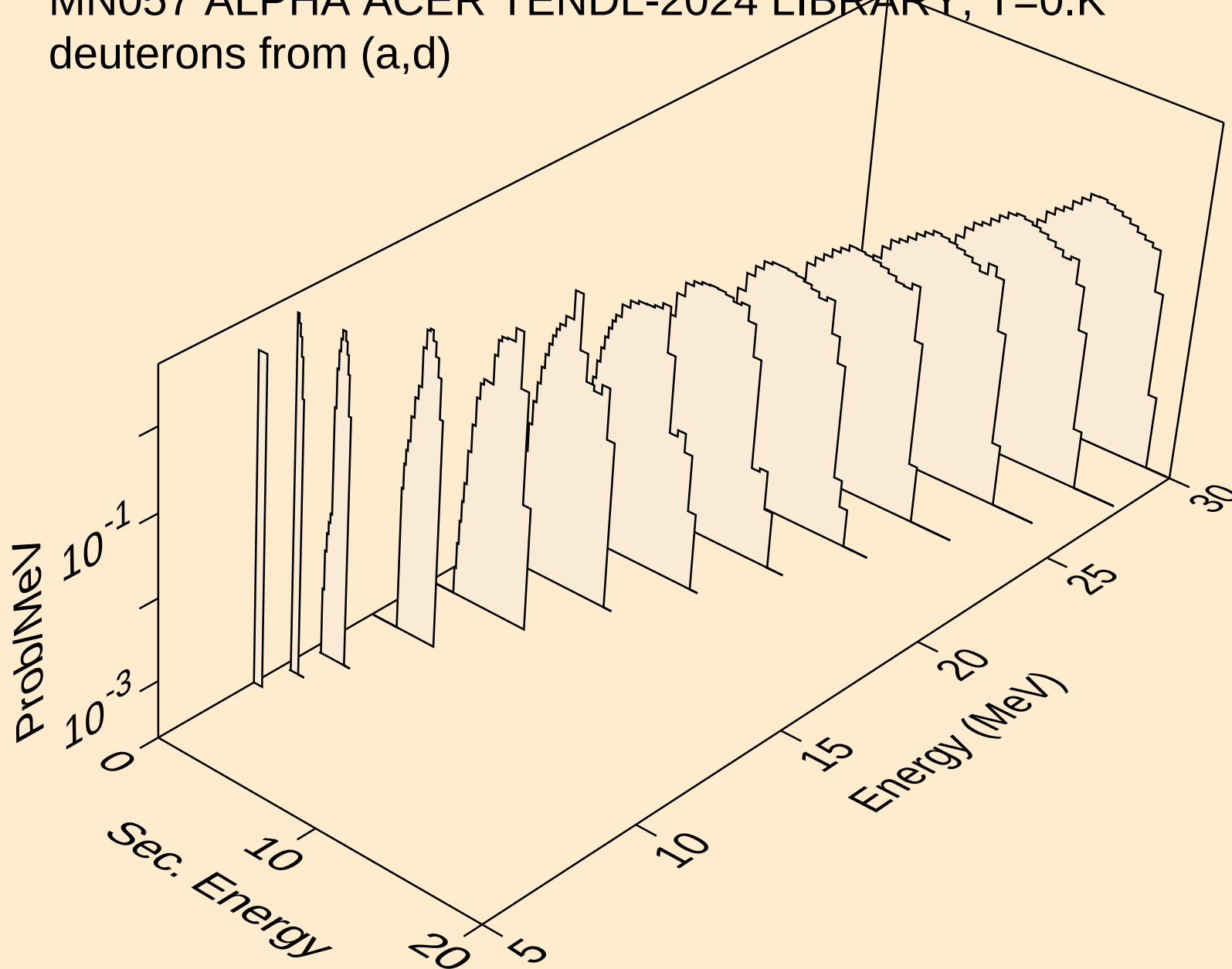
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deuterons from (a,2nd)



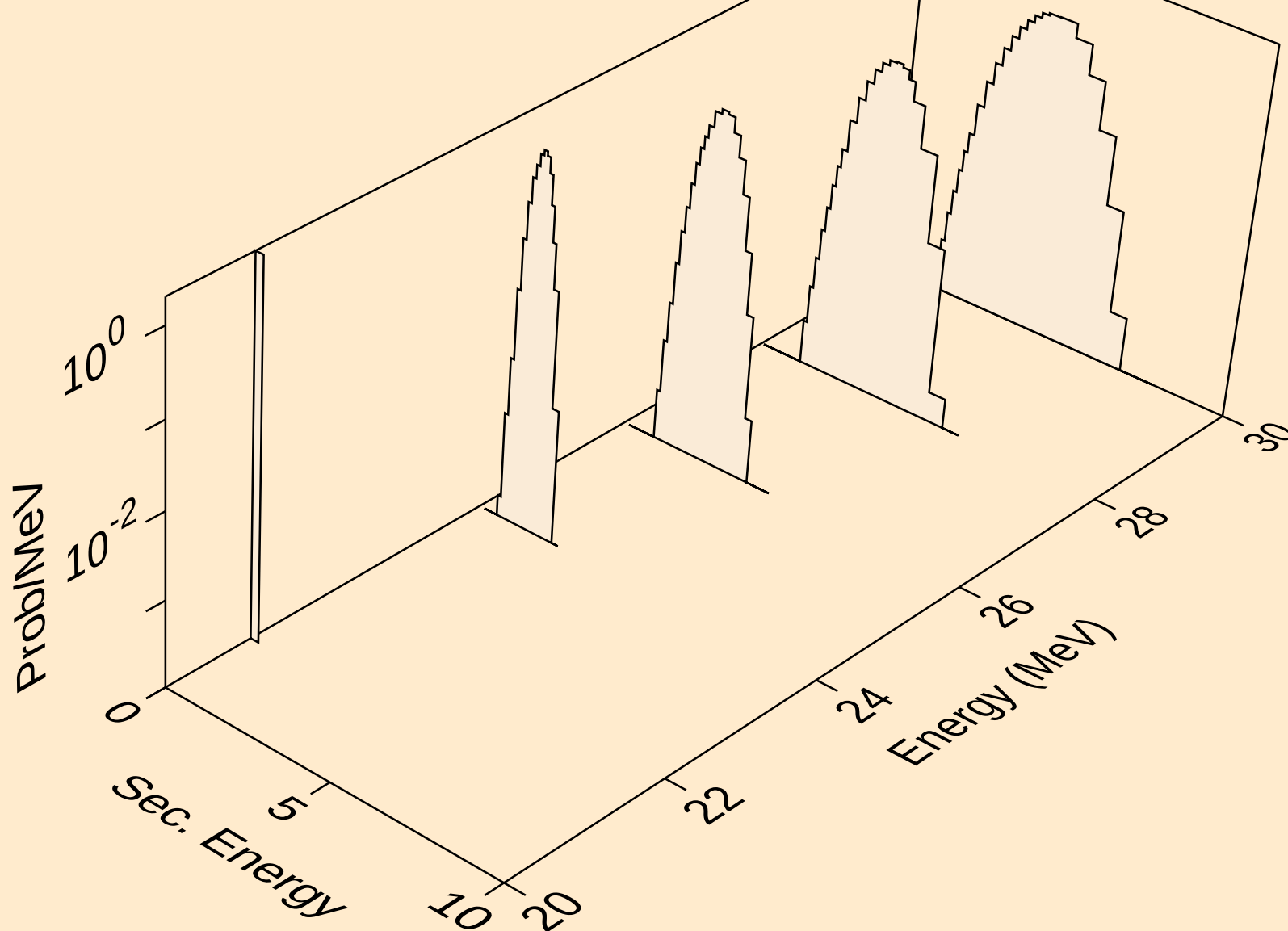
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deuterons from (a,n\*)d



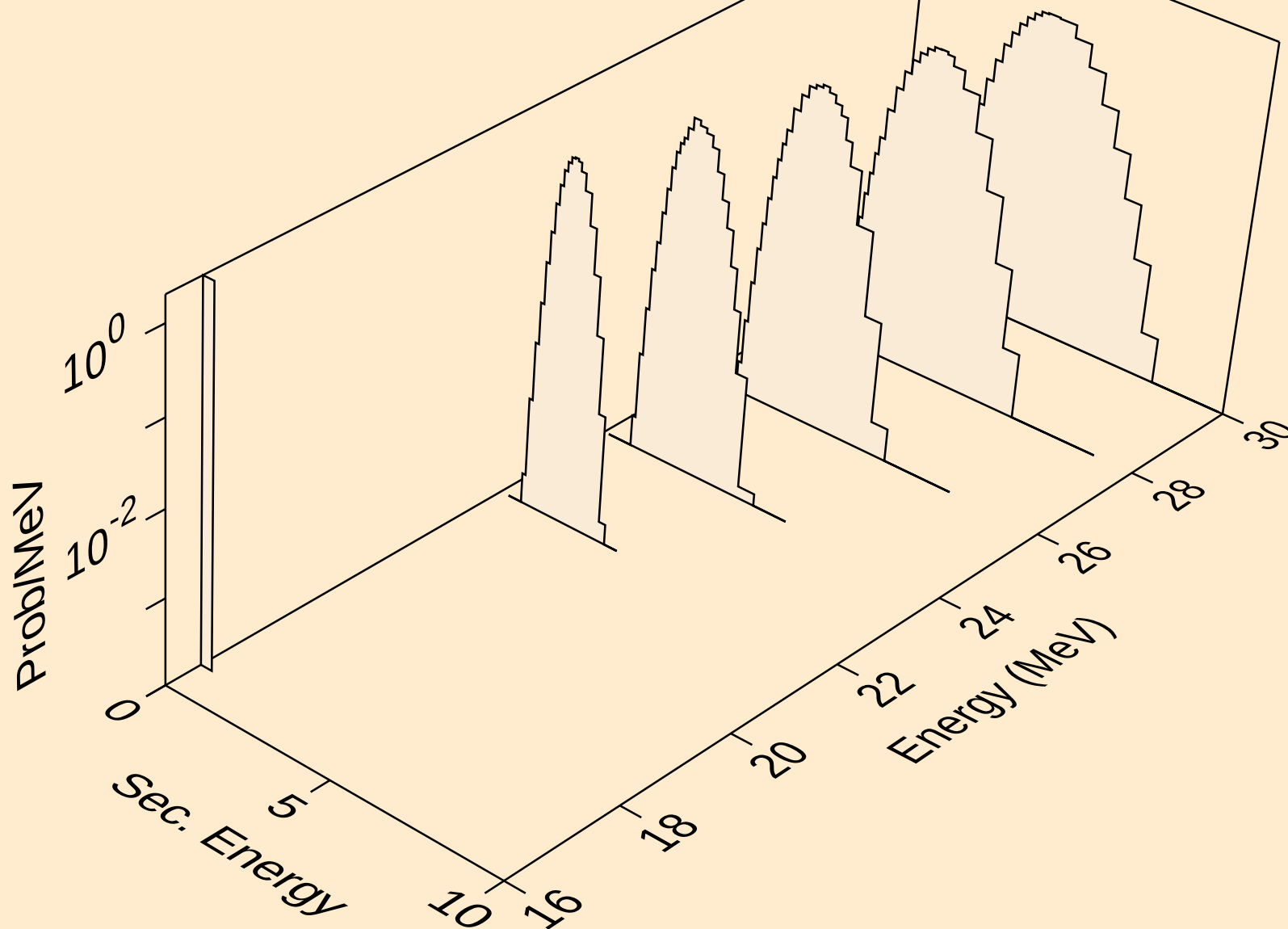
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deuterons from (a,d)



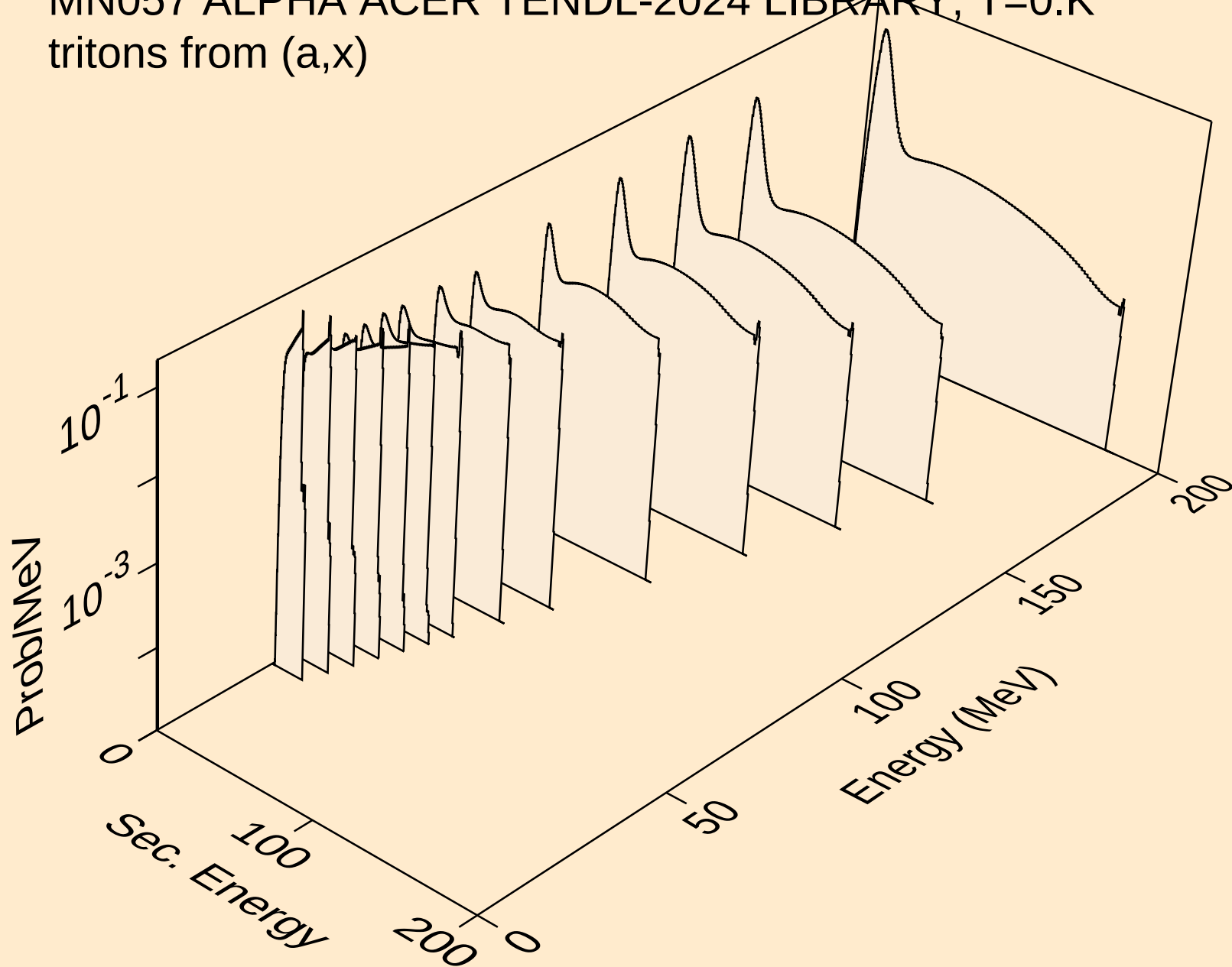
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)

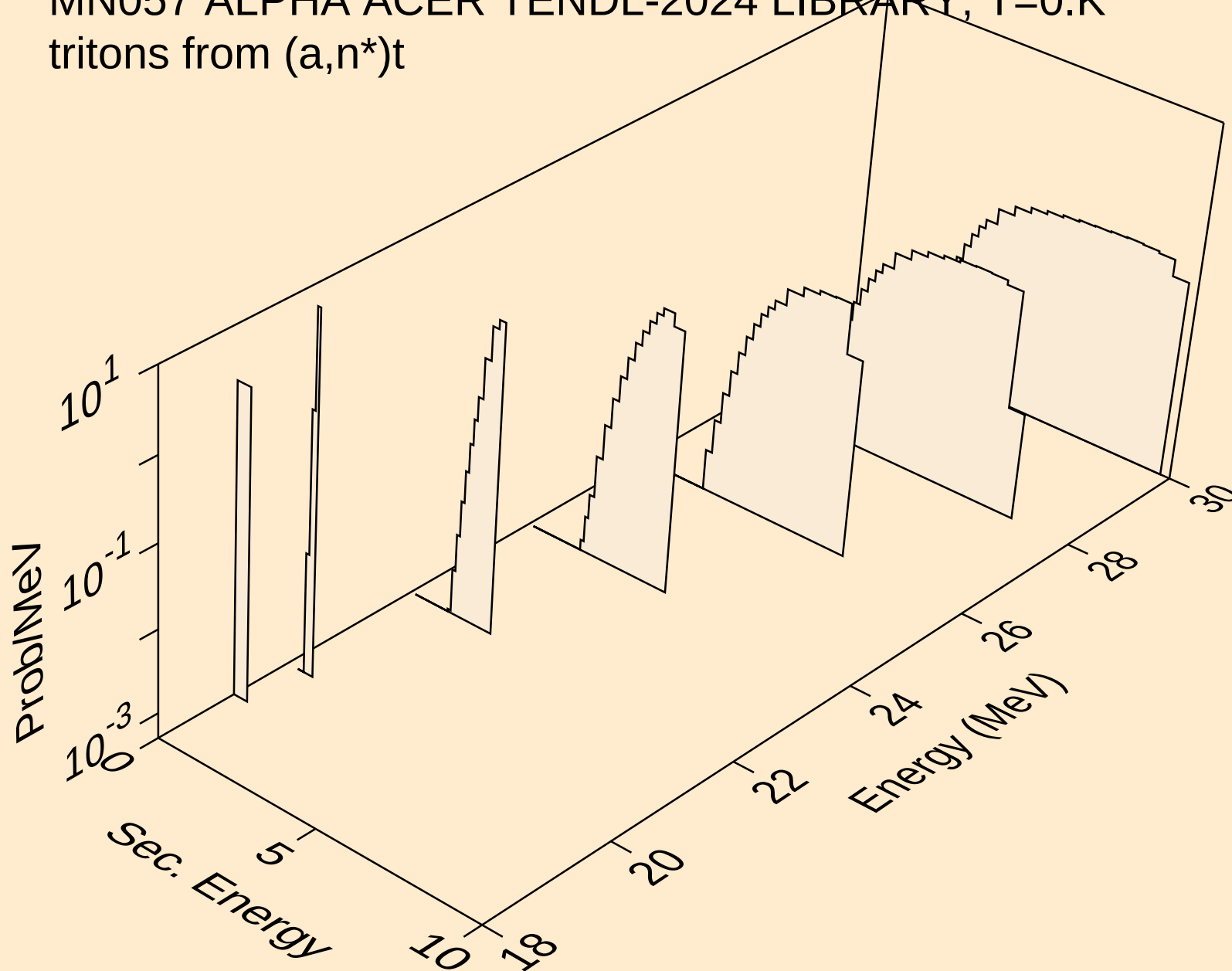


MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)

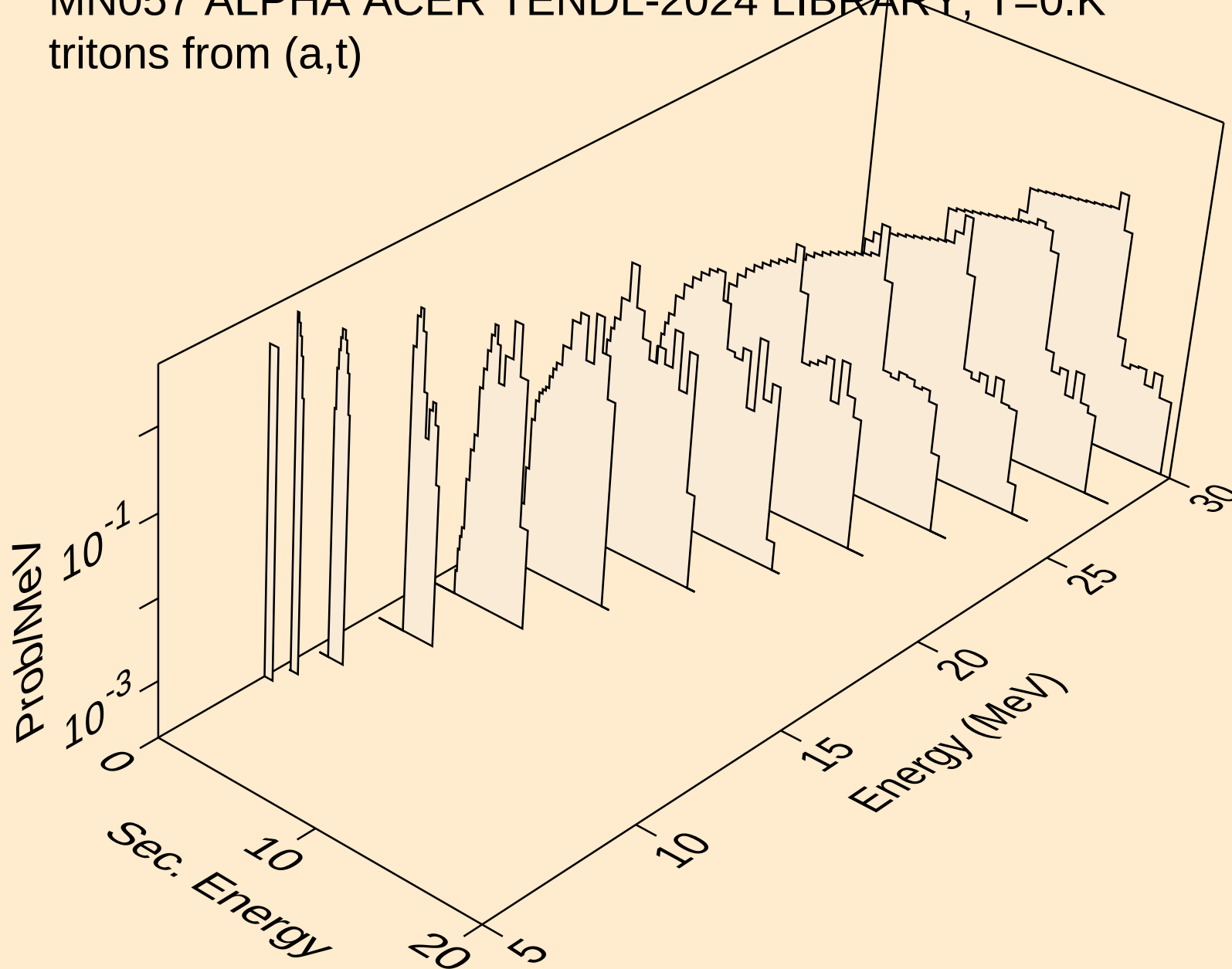




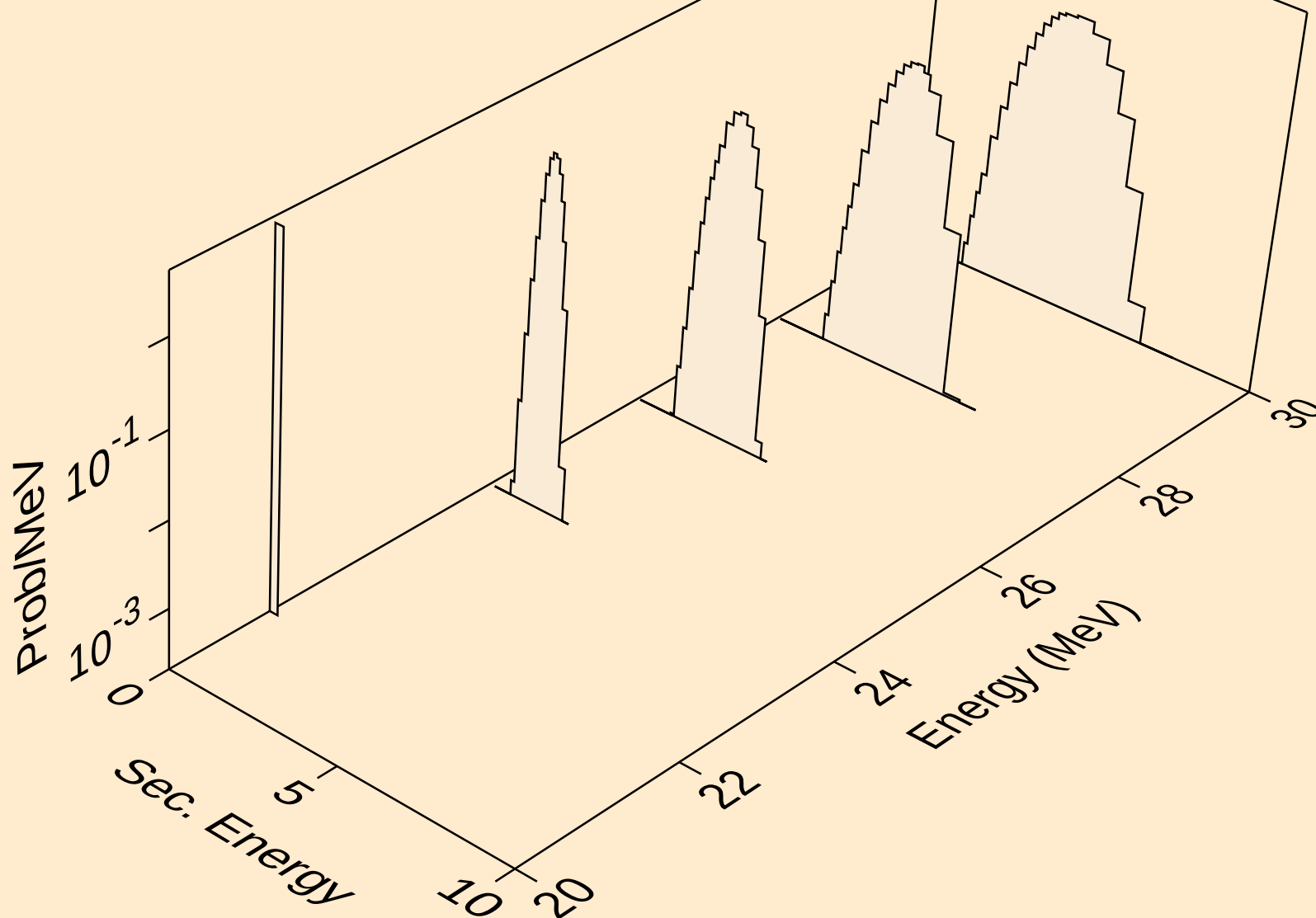
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tritons from (a,n\*)t



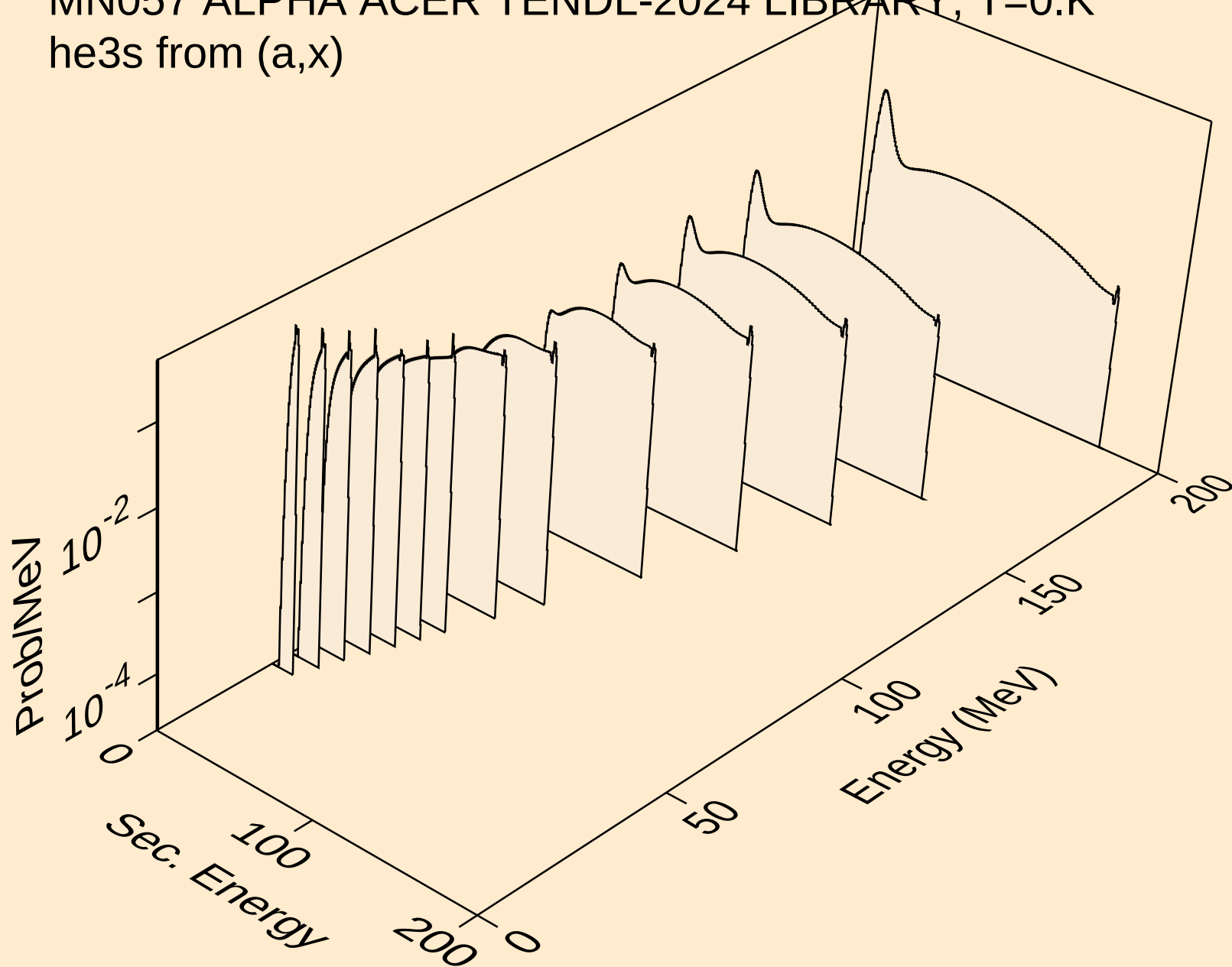
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tritons from (a,t)



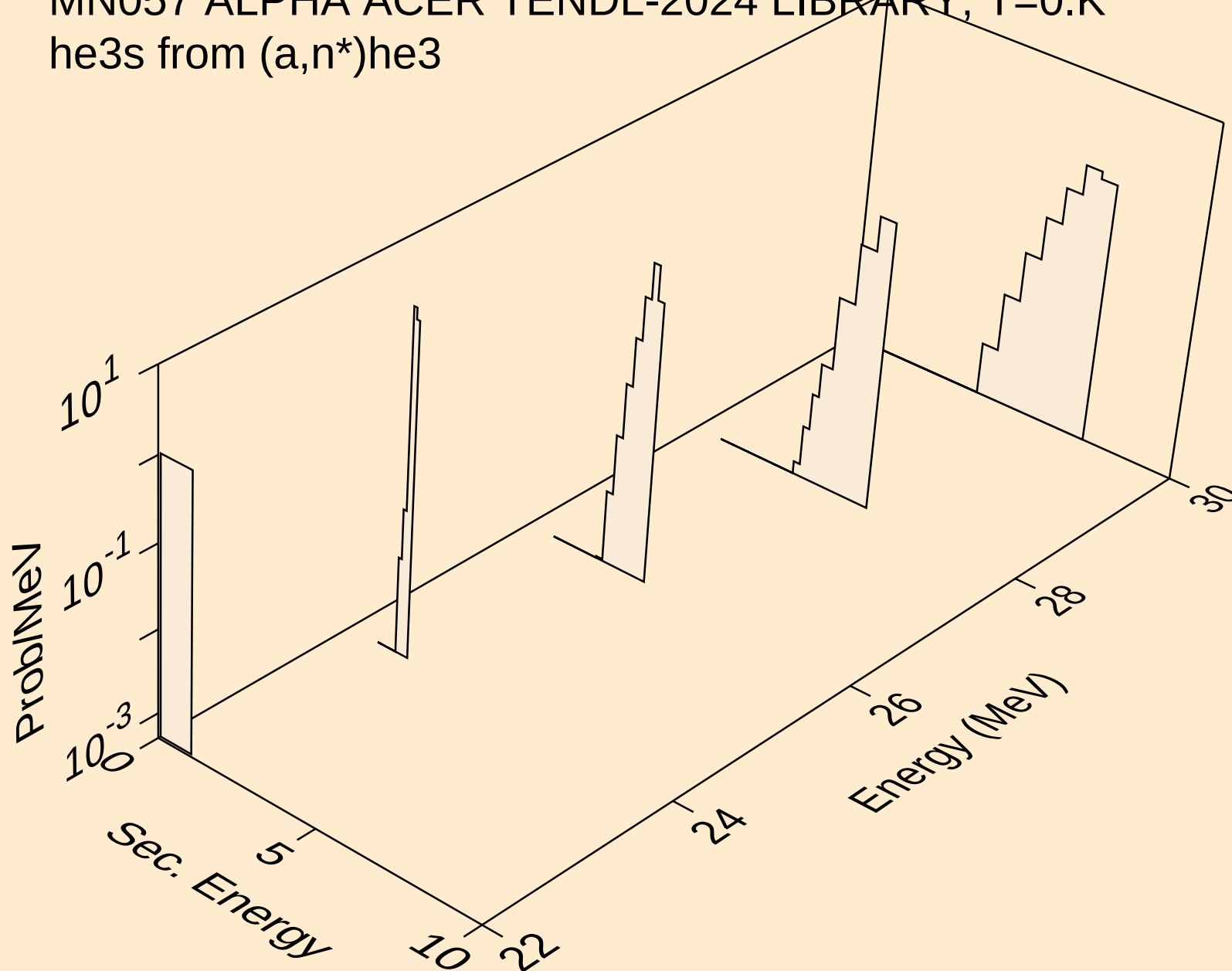
MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



MN057 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

