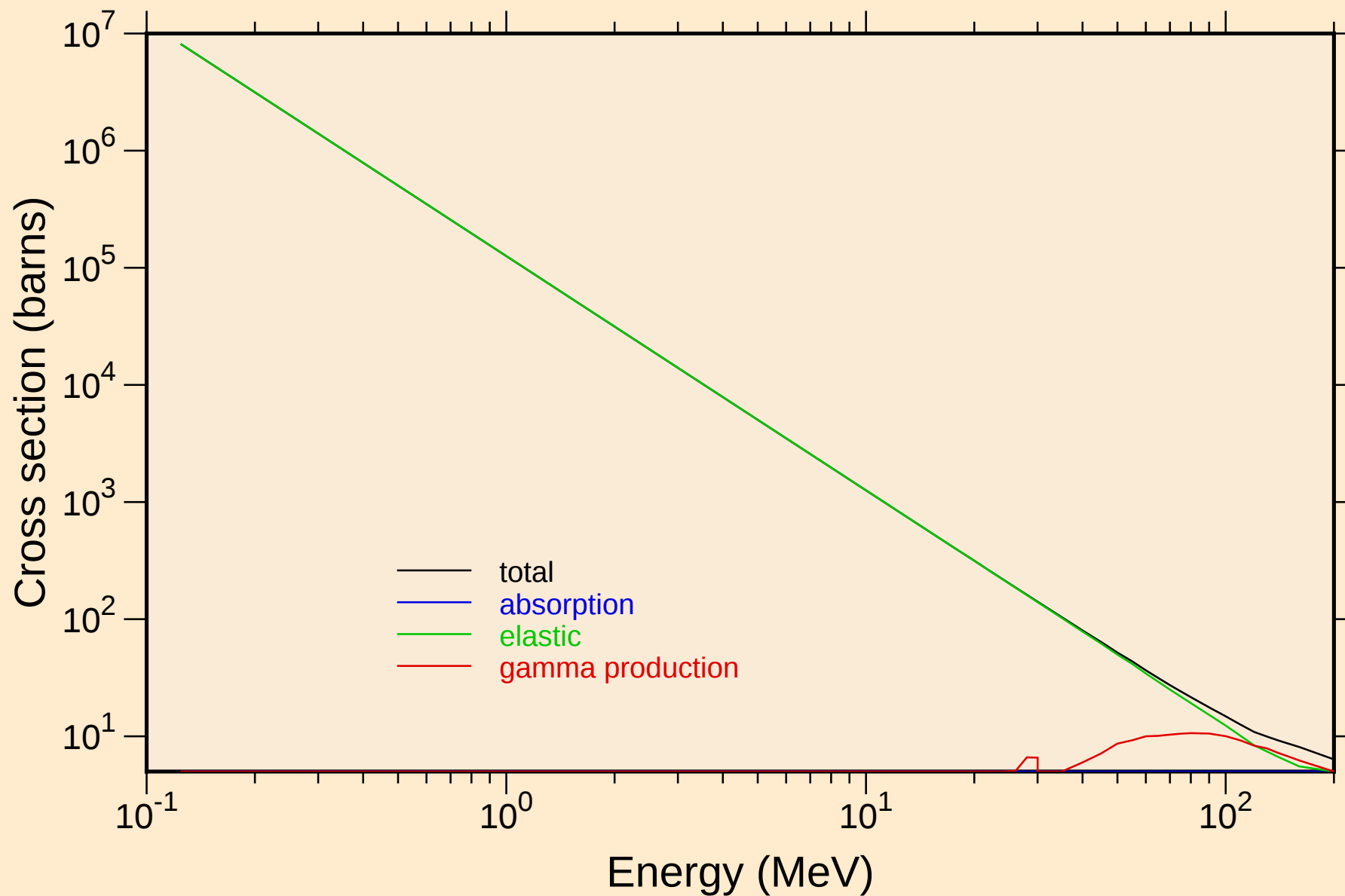


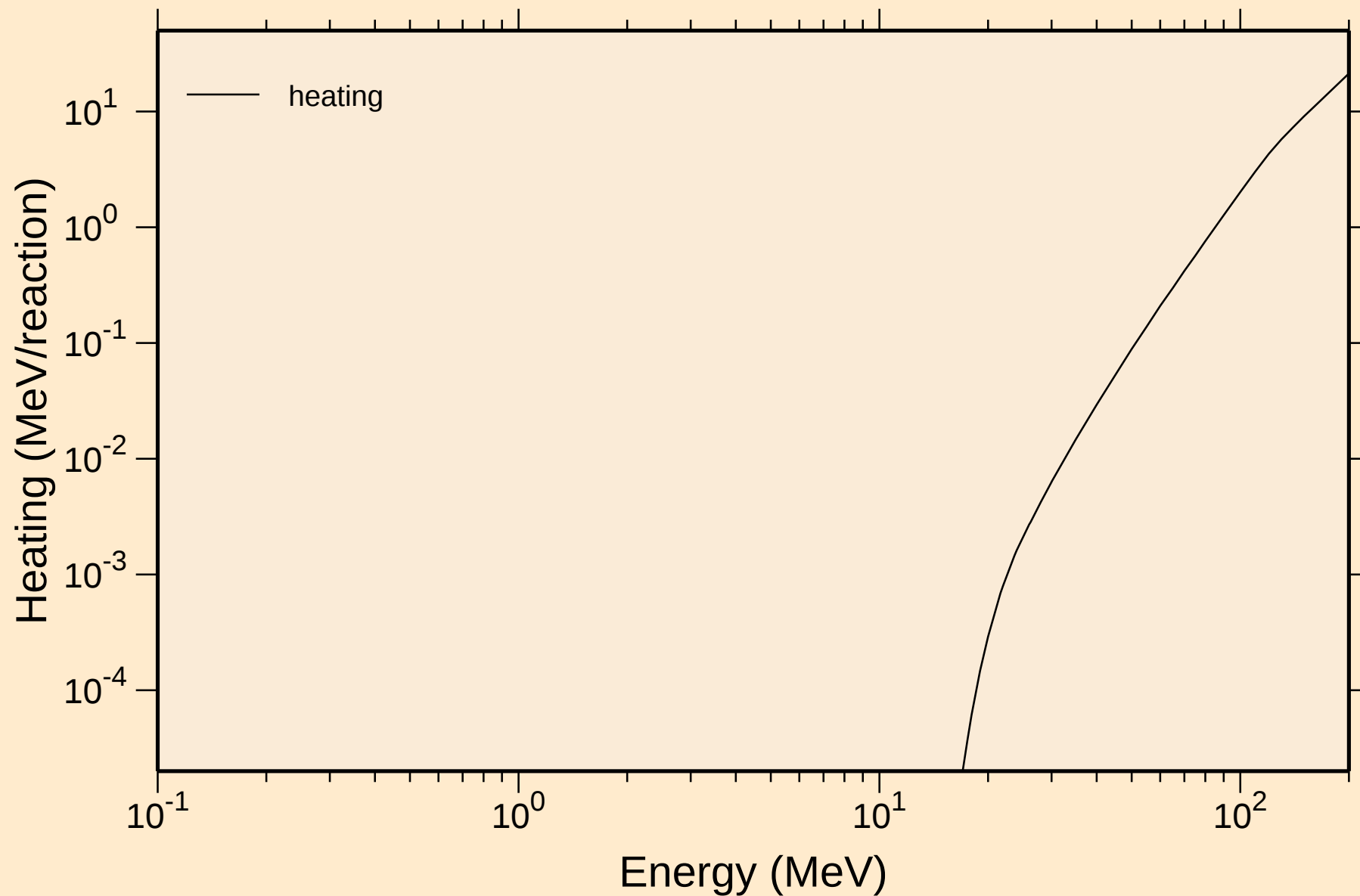
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



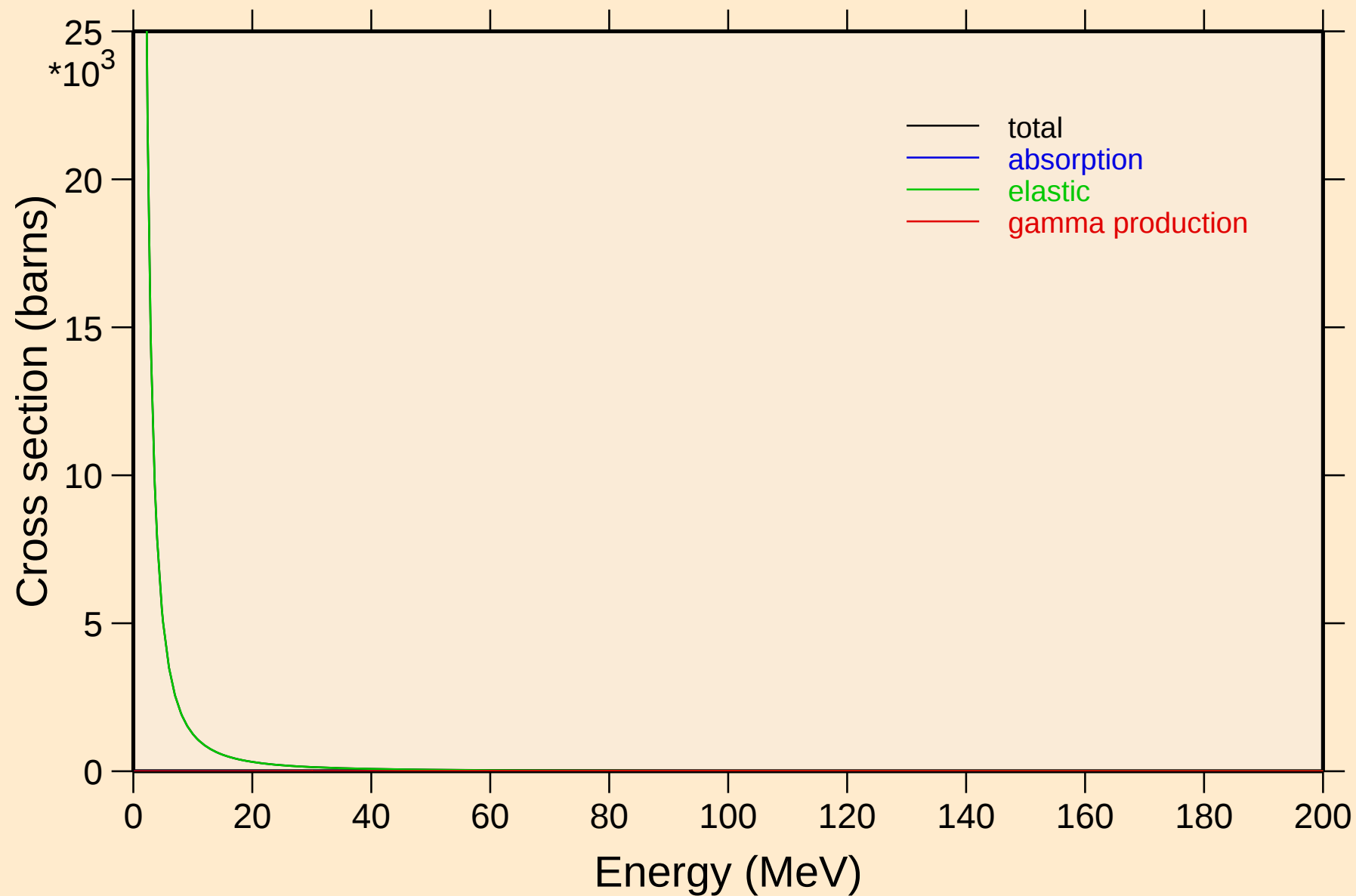
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



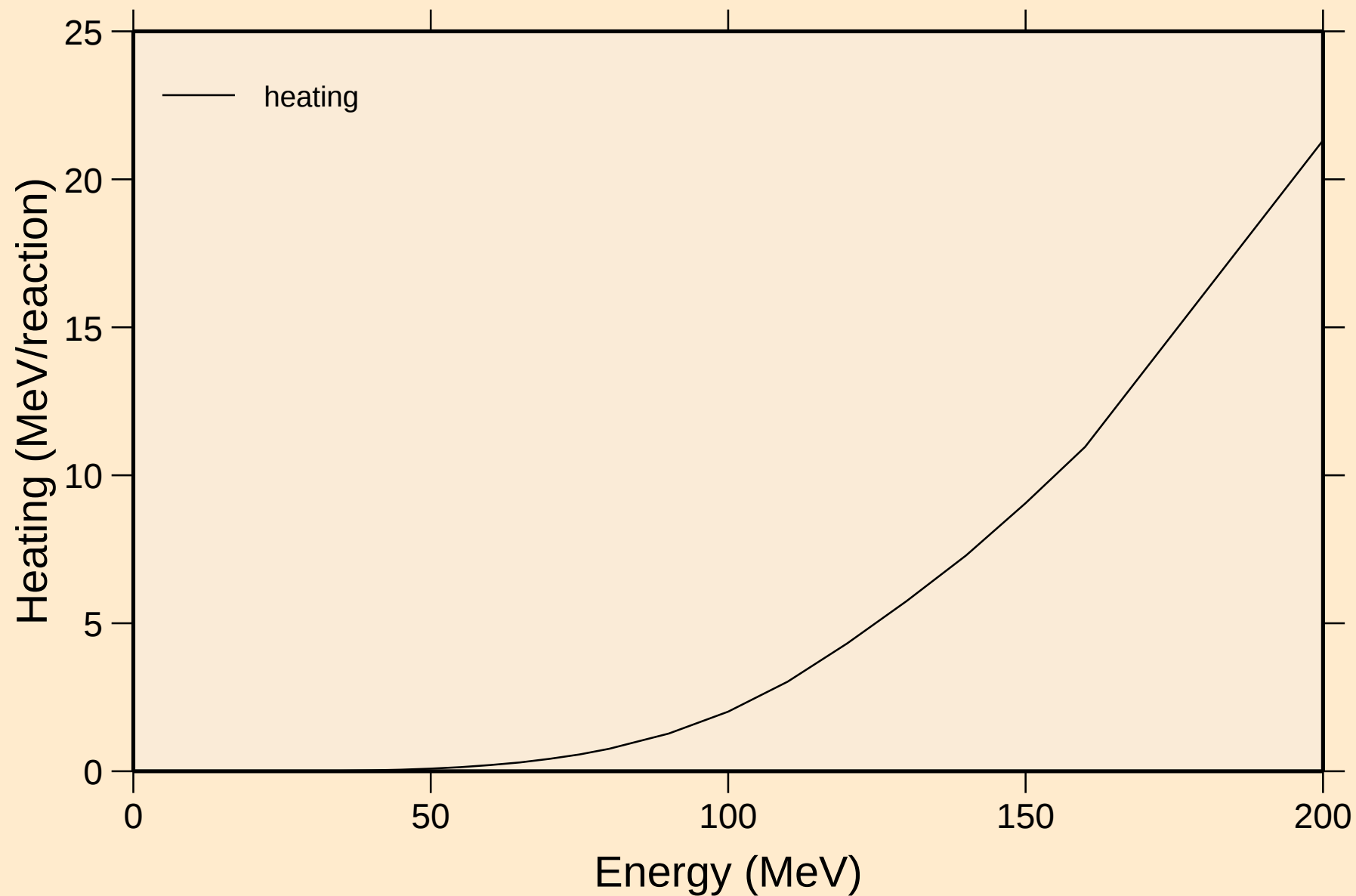
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



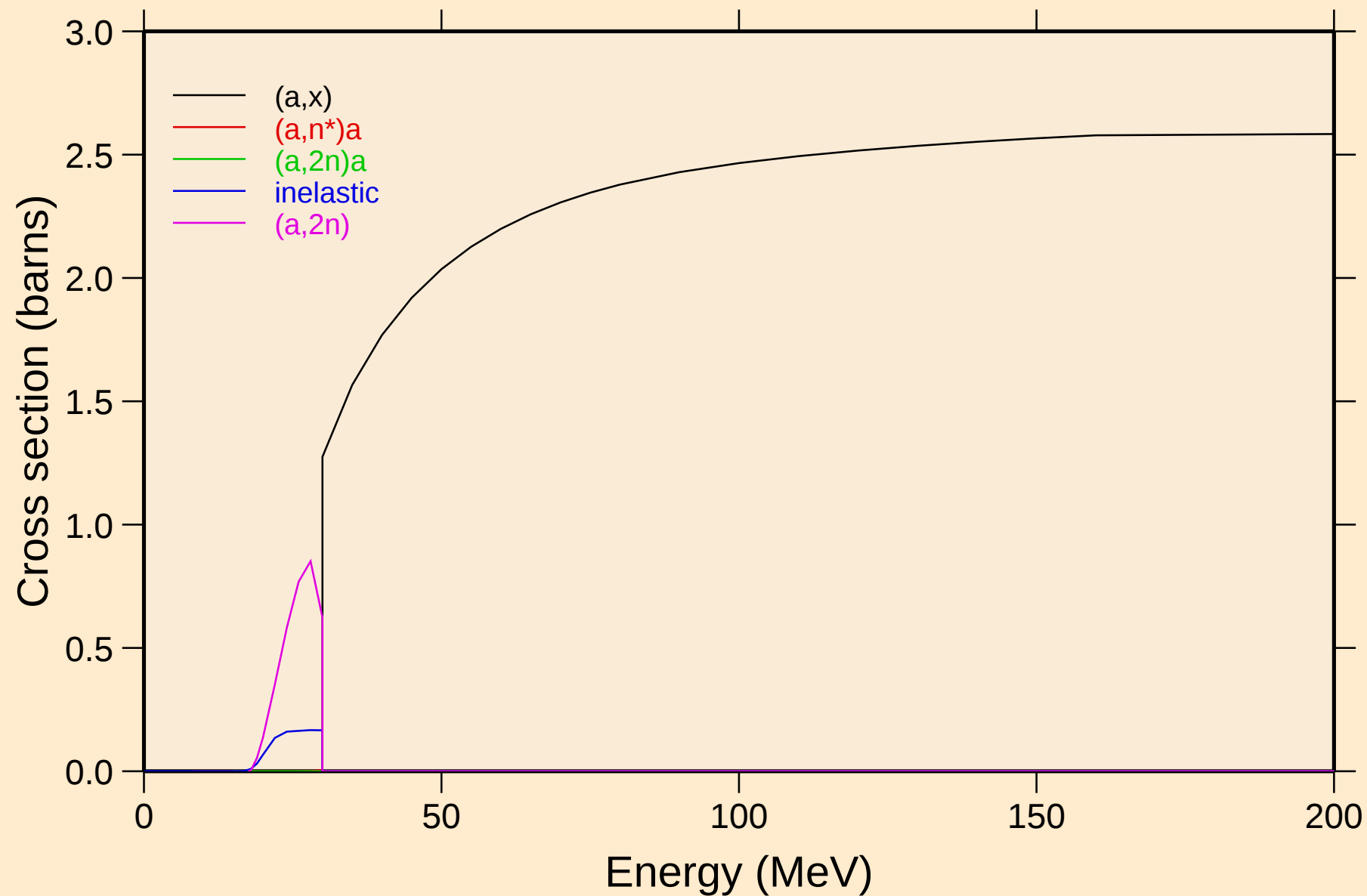
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



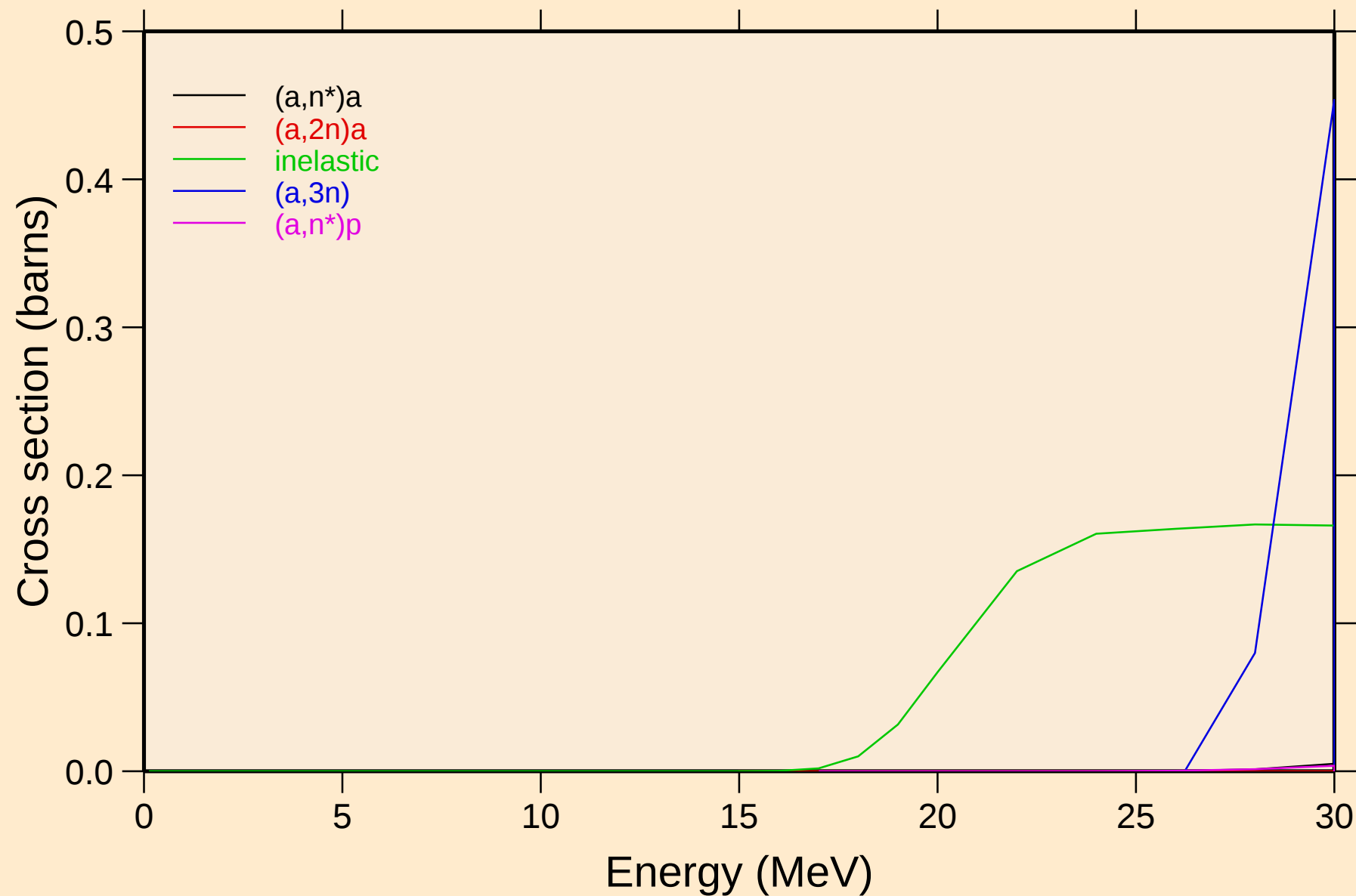
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



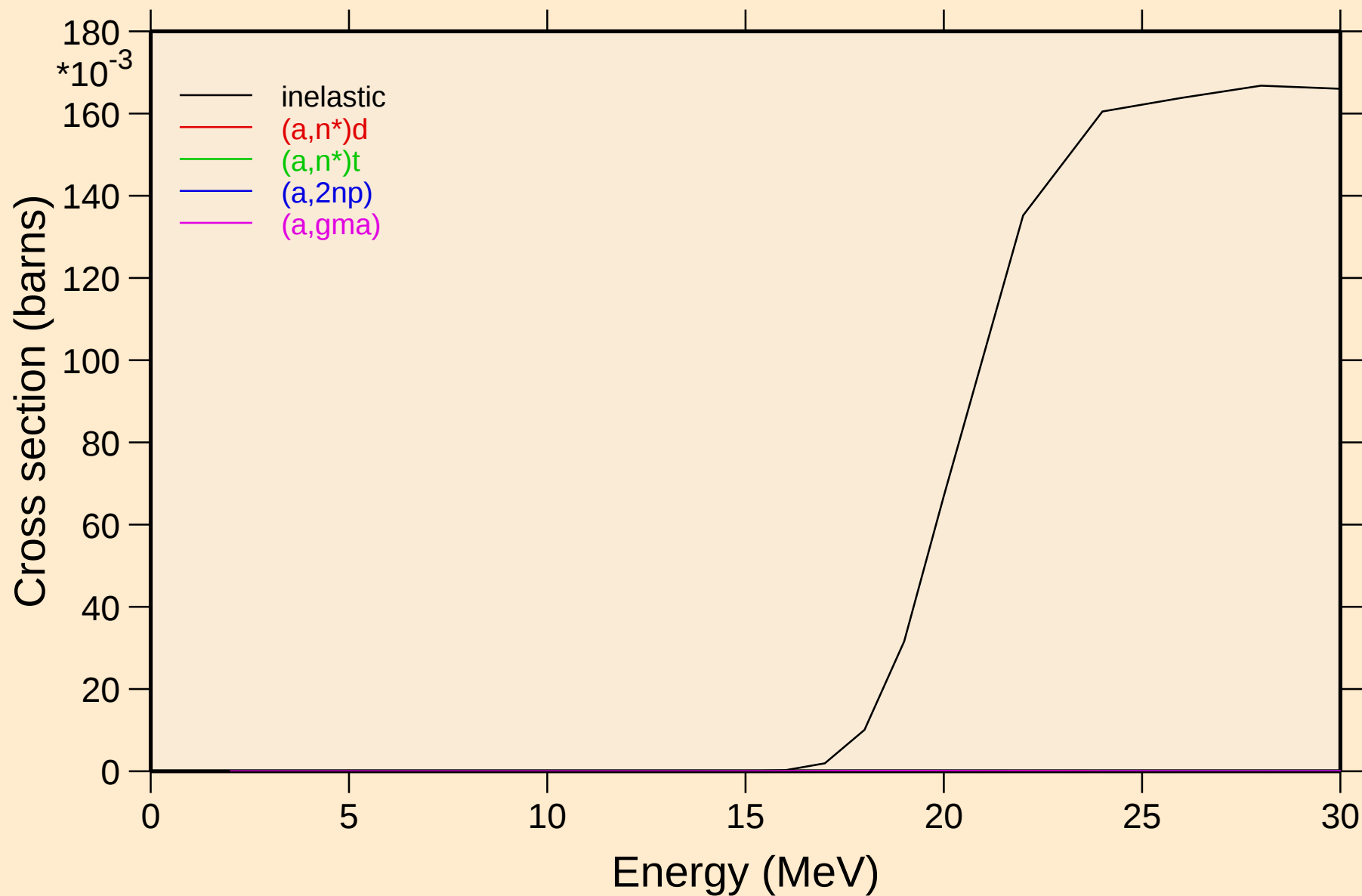
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



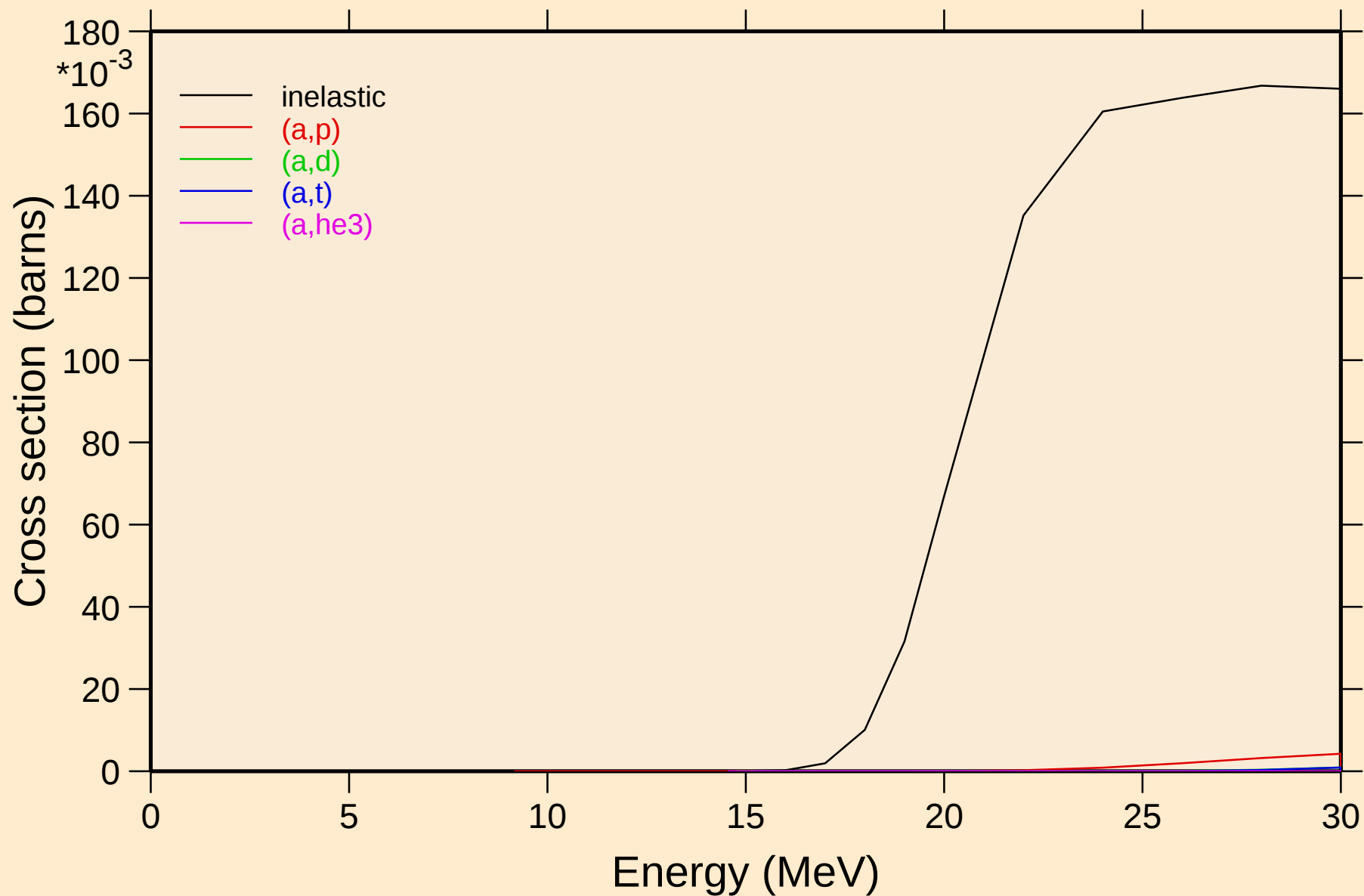
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



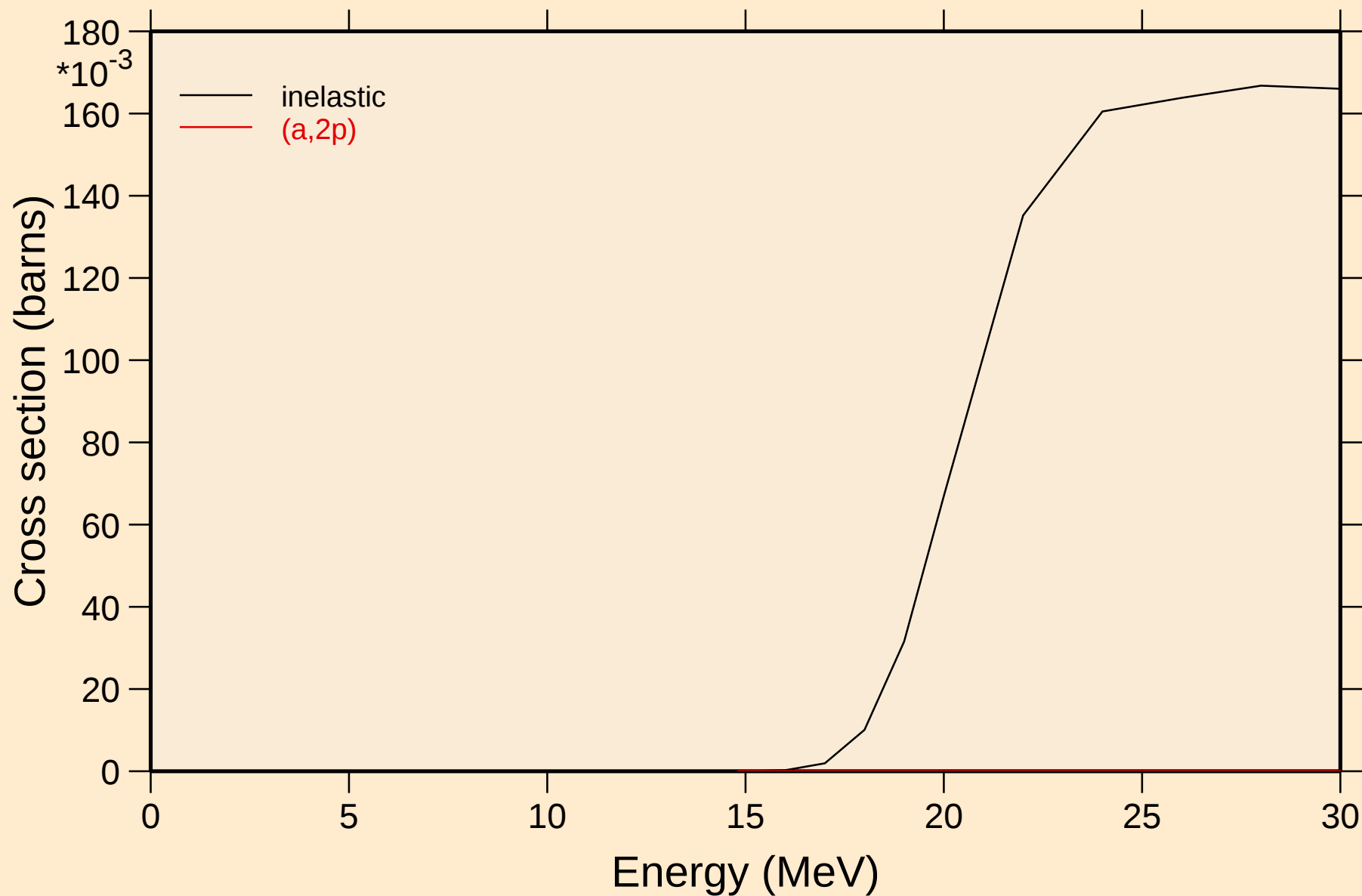
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

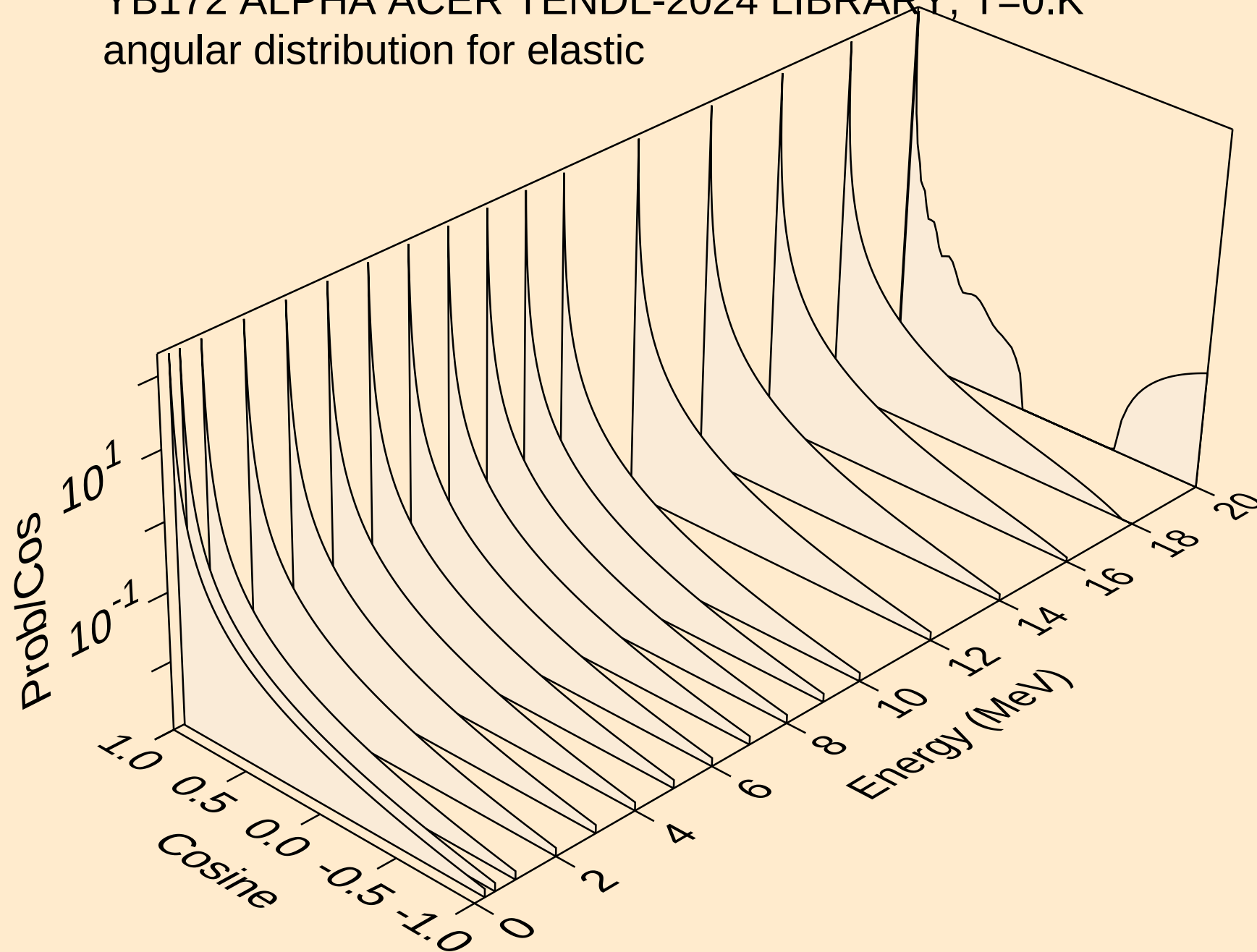


# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

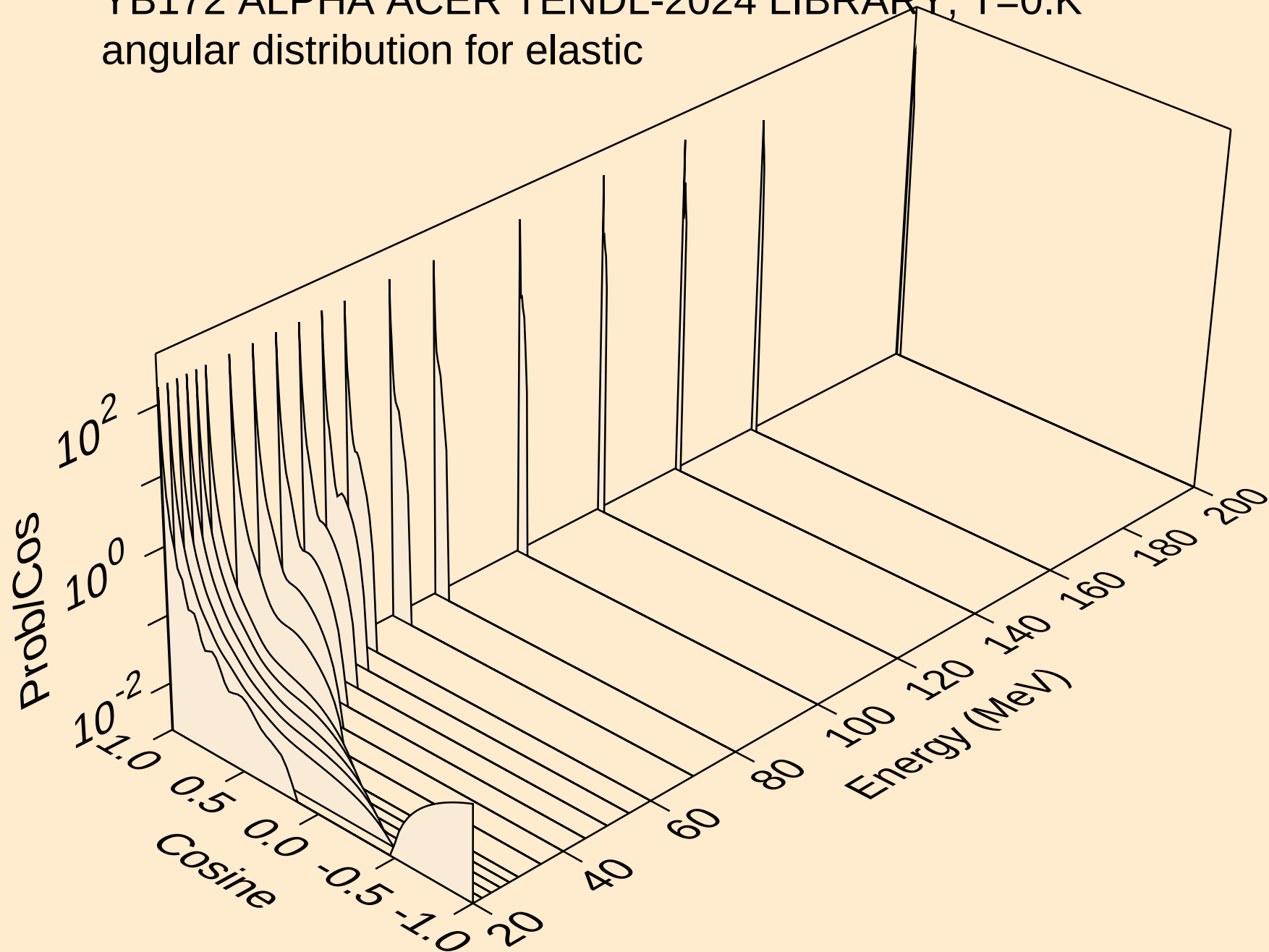
## Threshold reactions



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

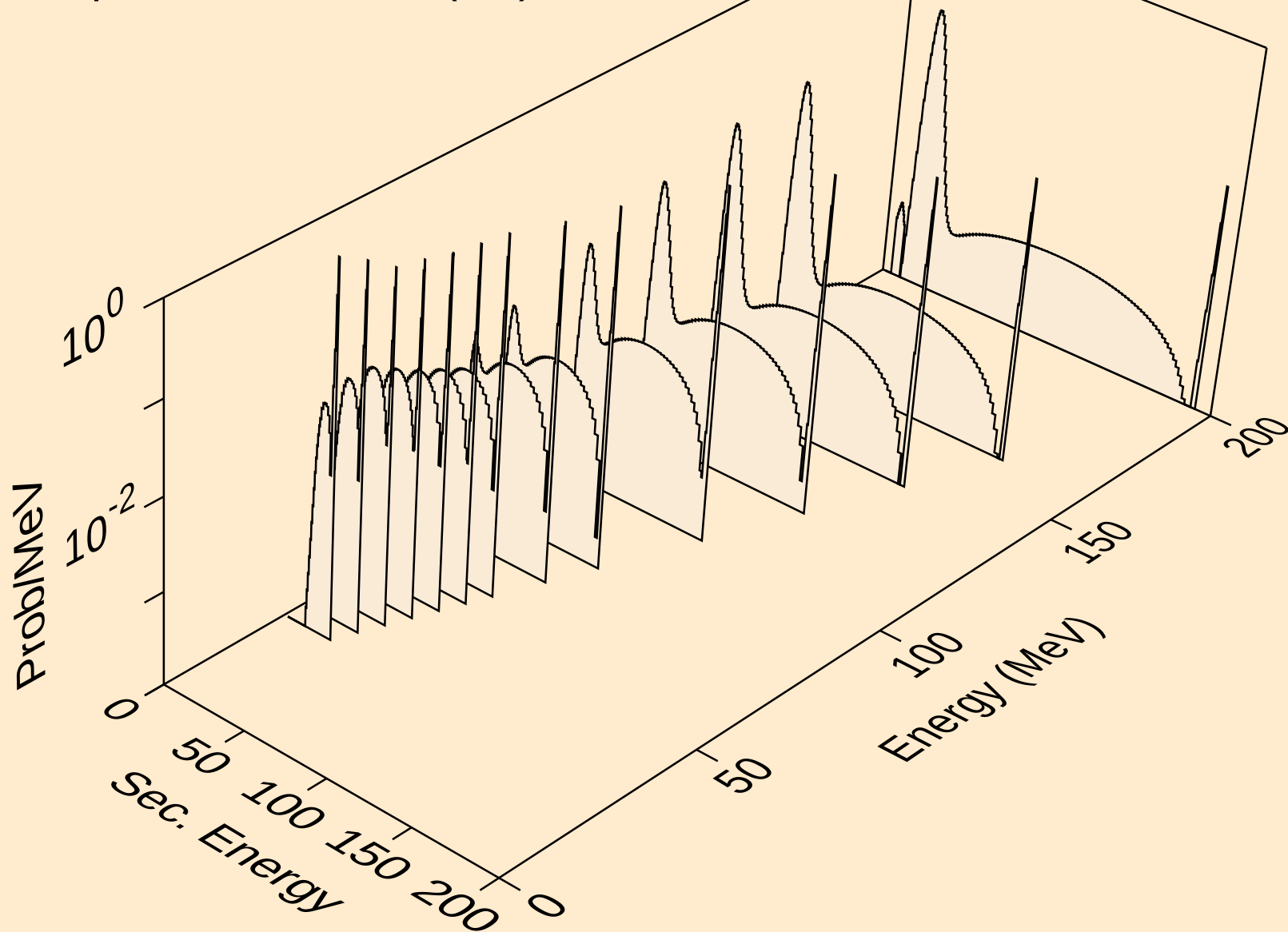


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



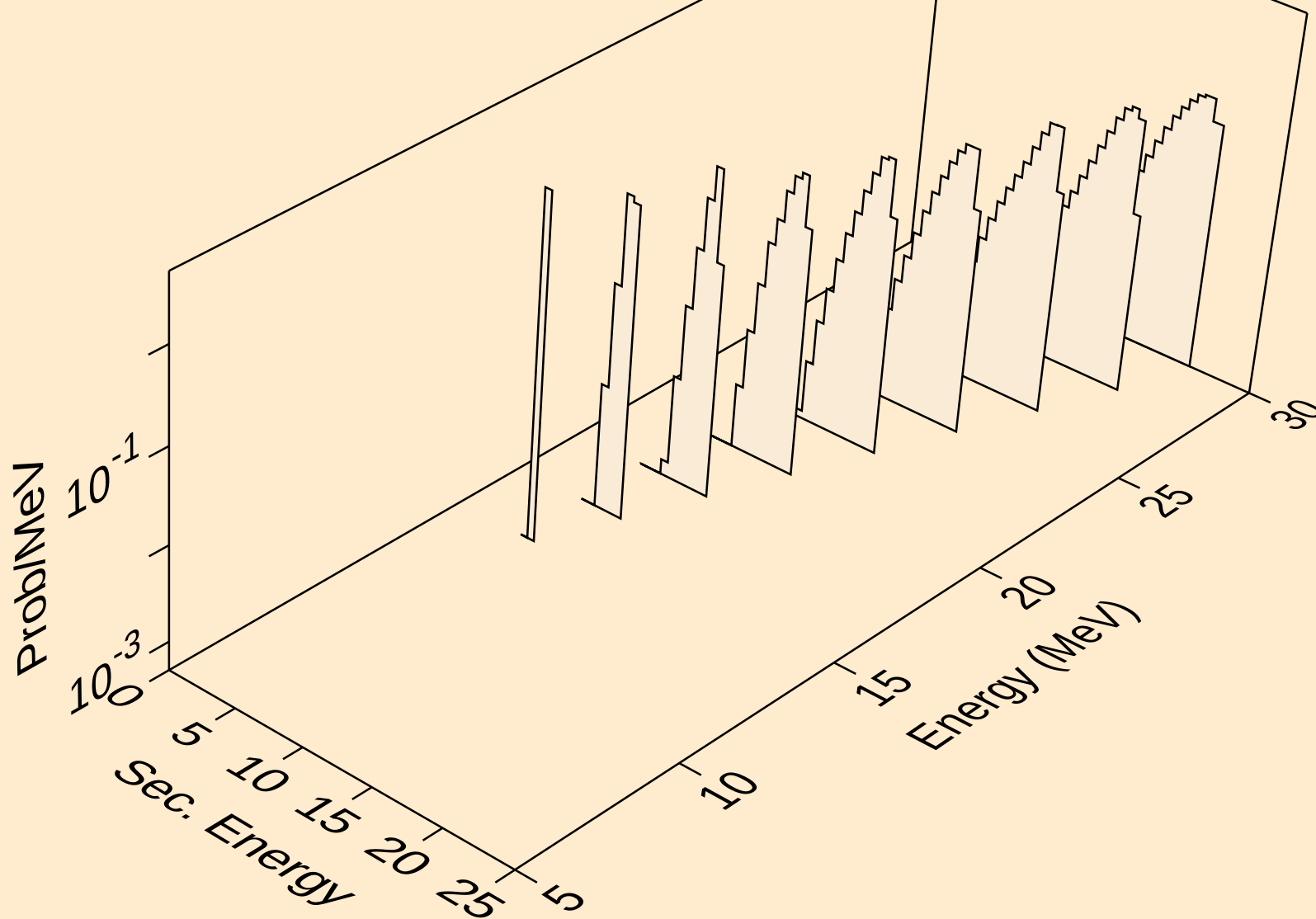
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



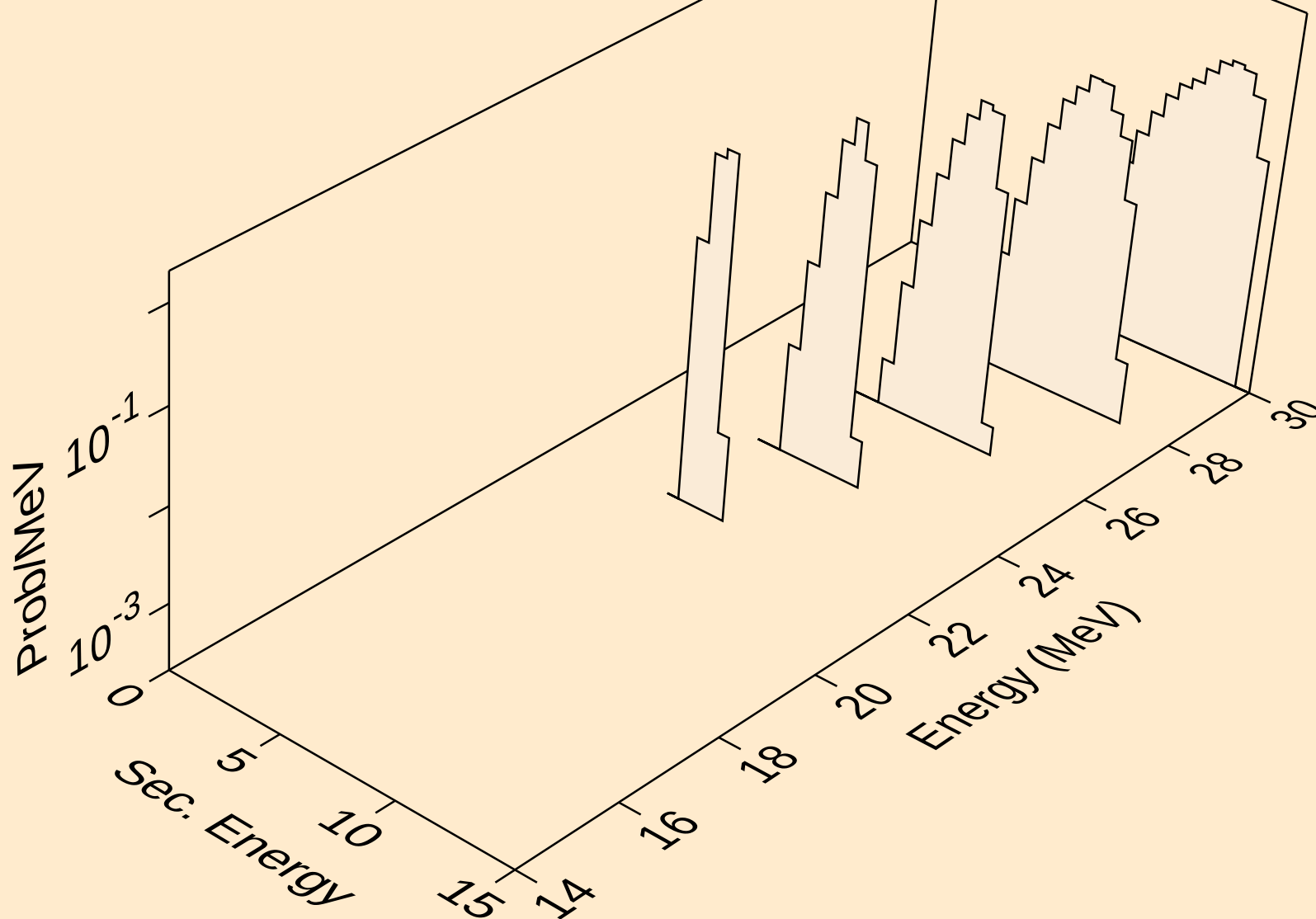
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



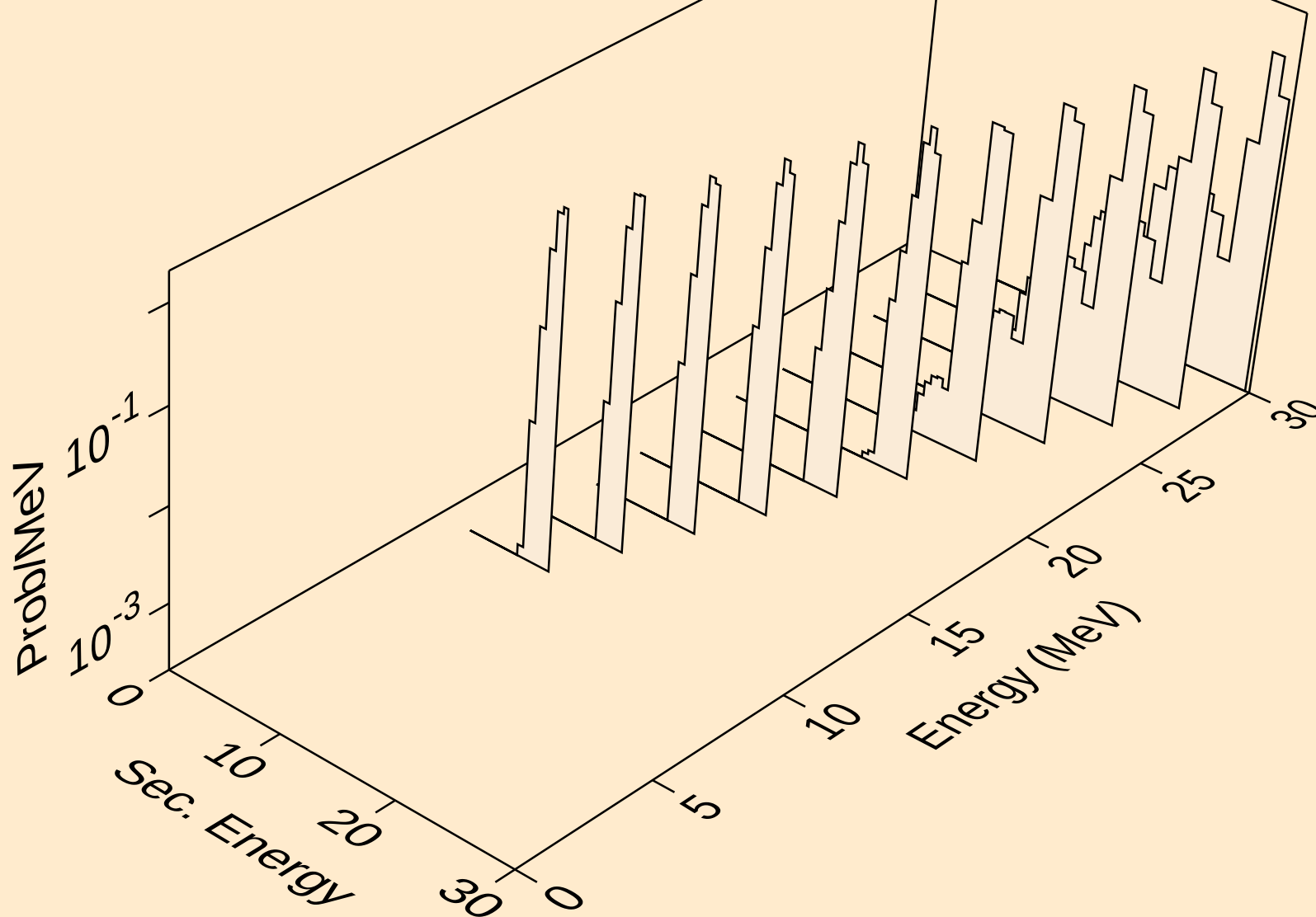
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

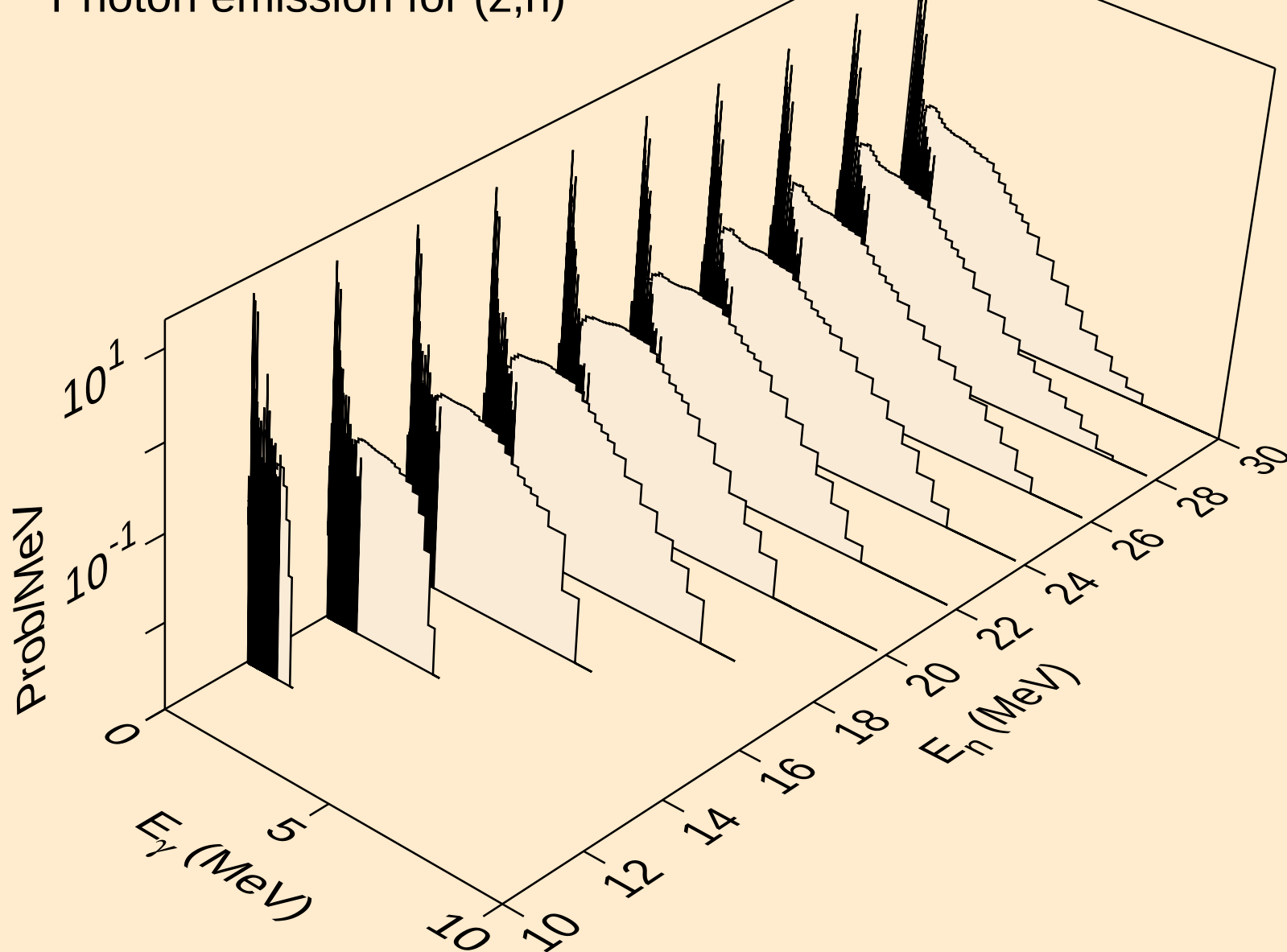


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

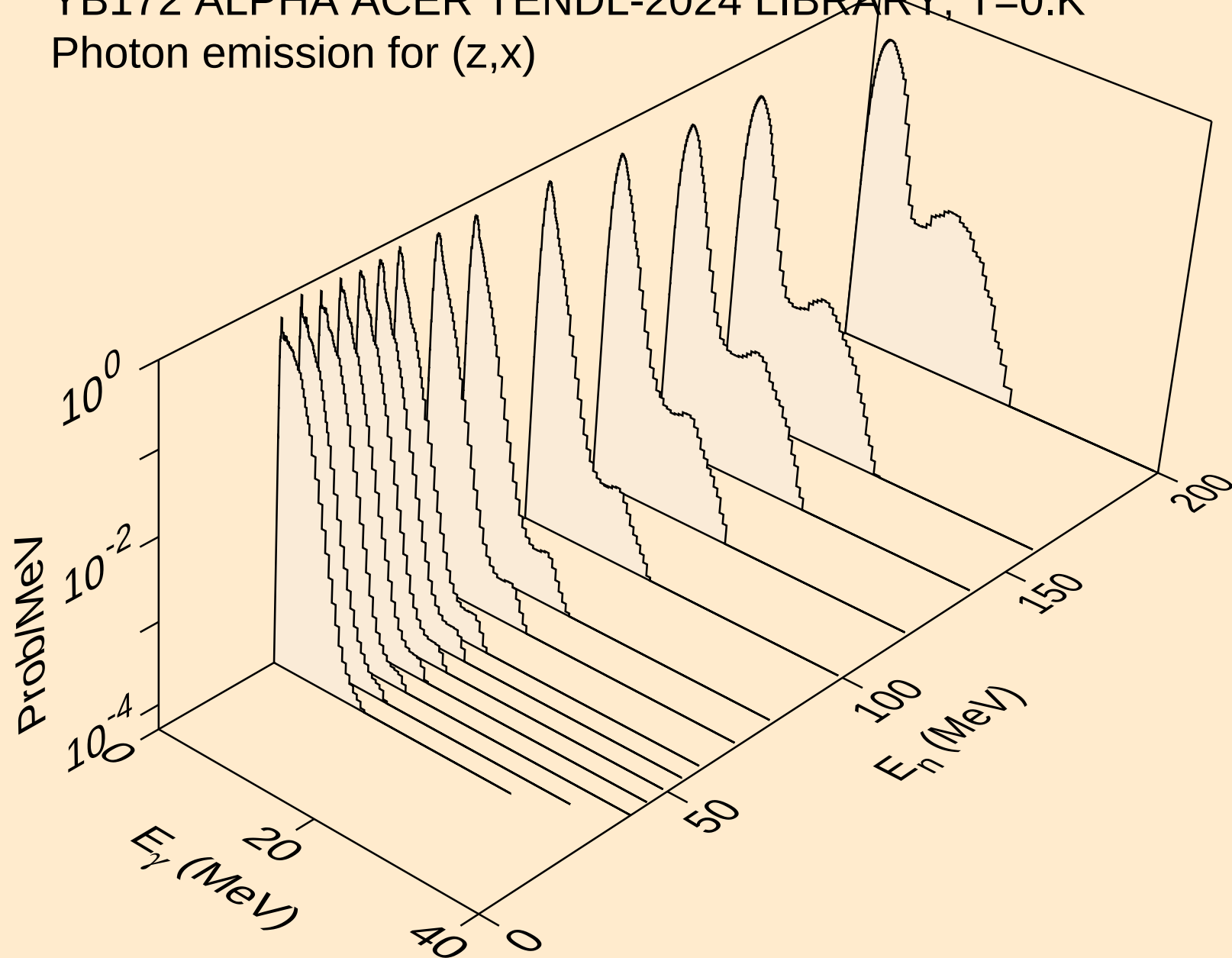


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

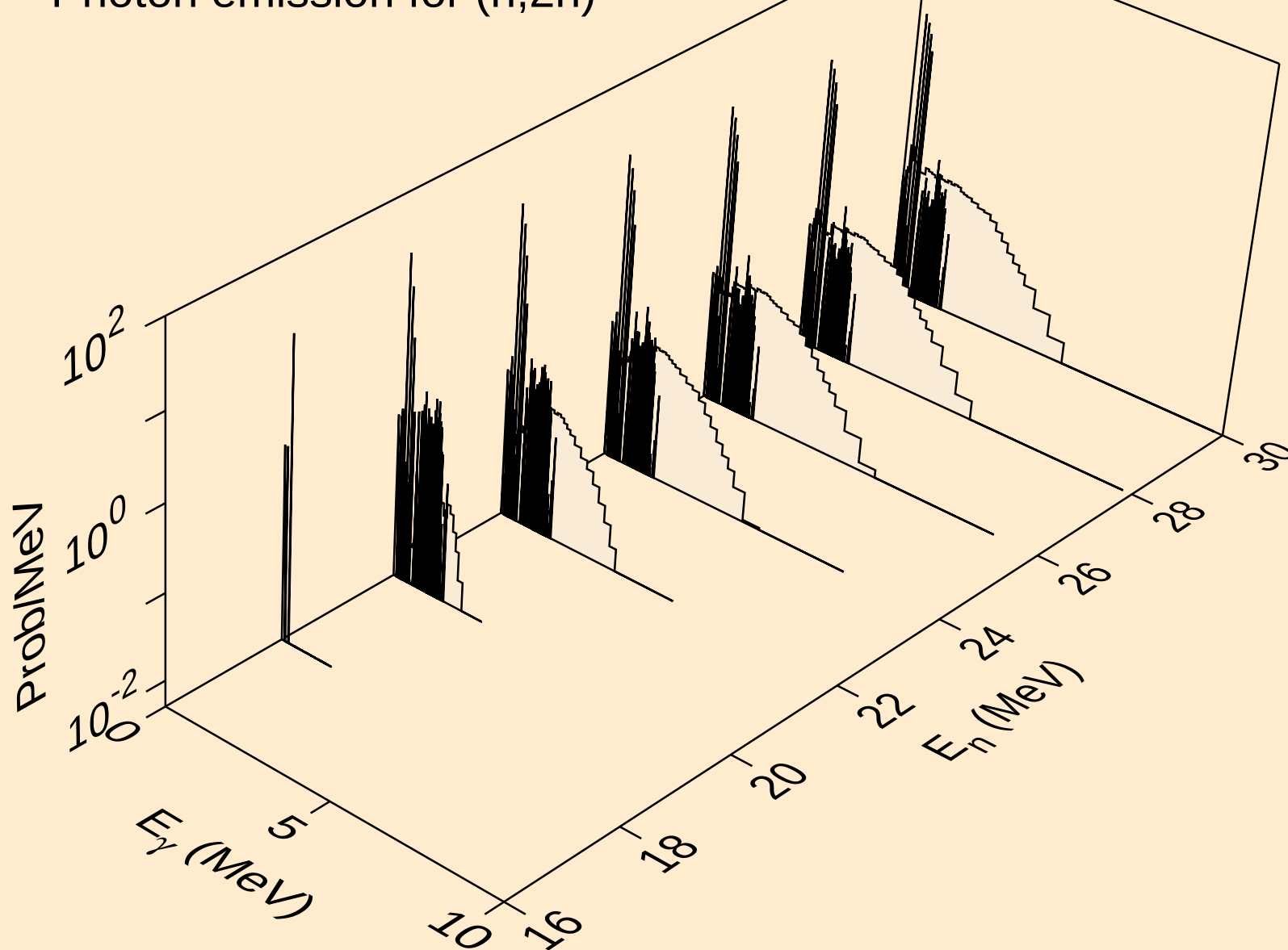


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

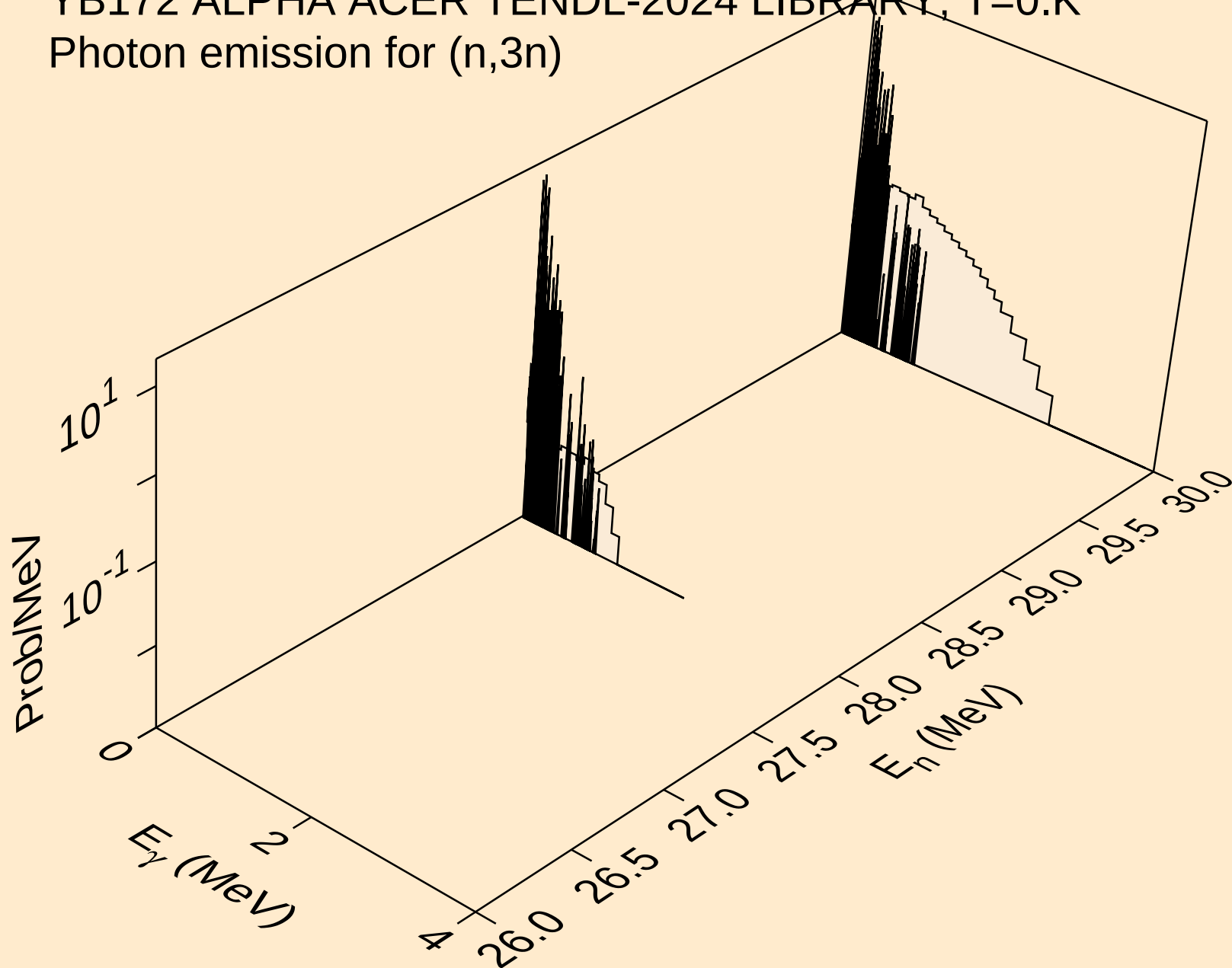
Photon emission for (z,x)



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

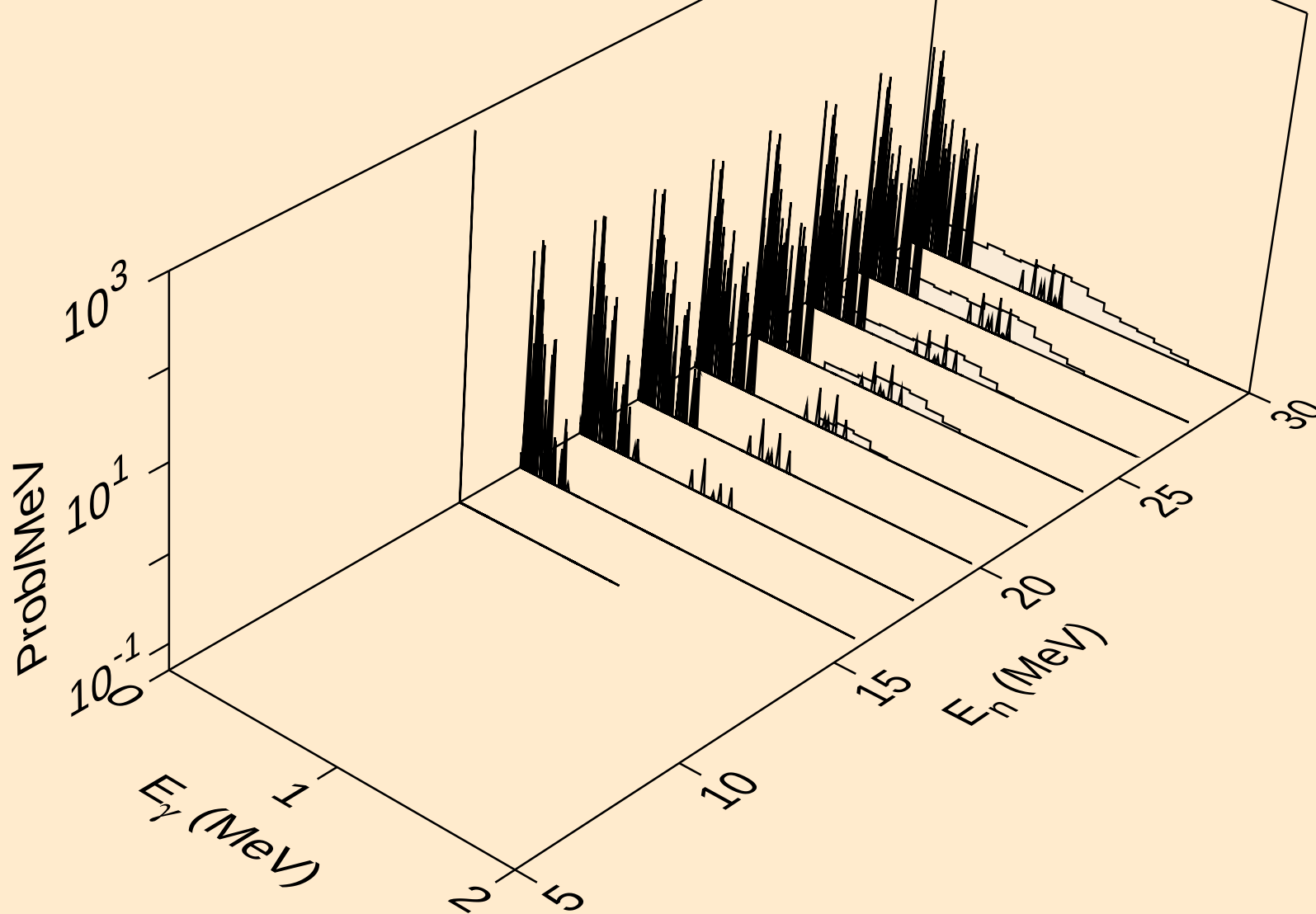


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



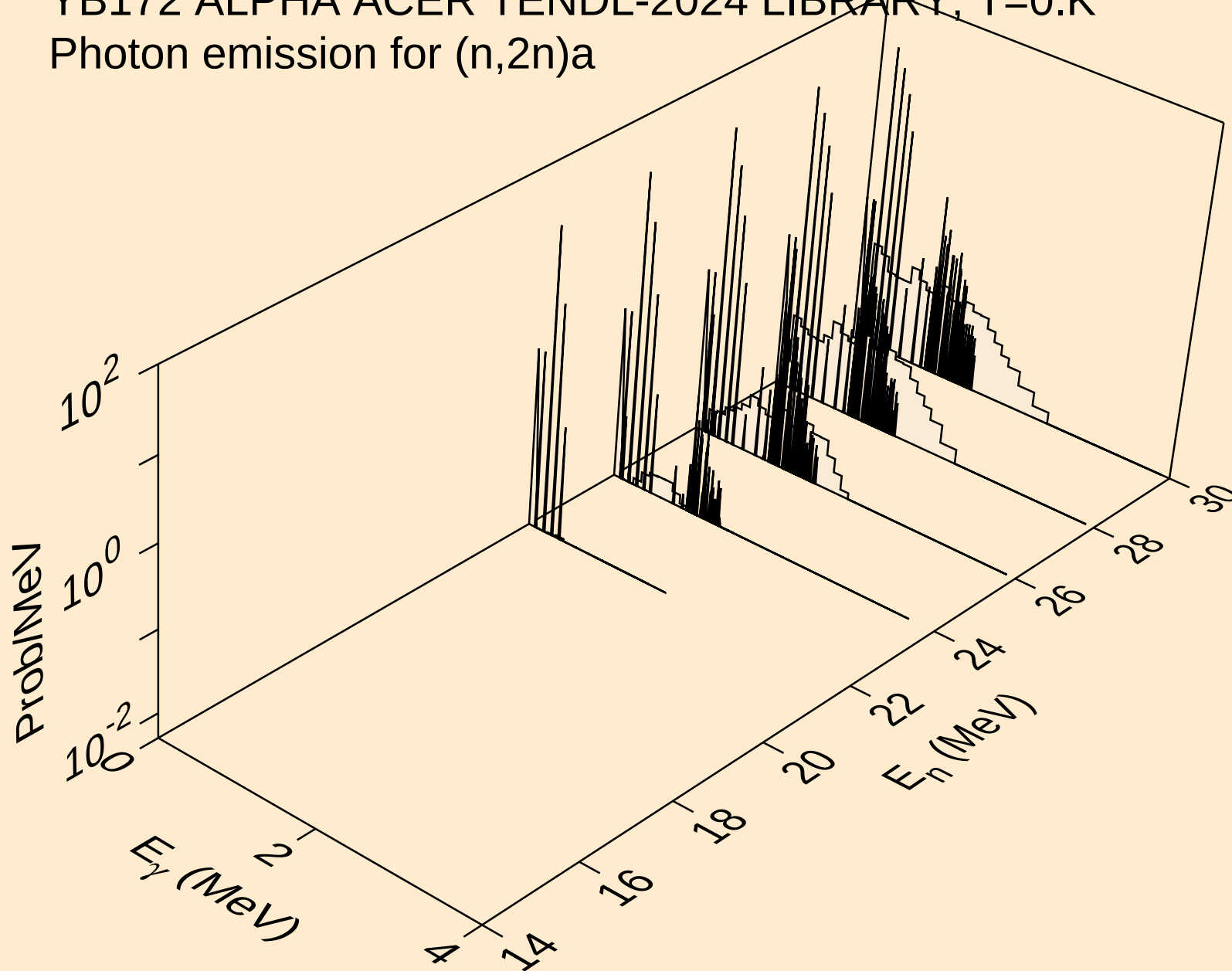
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



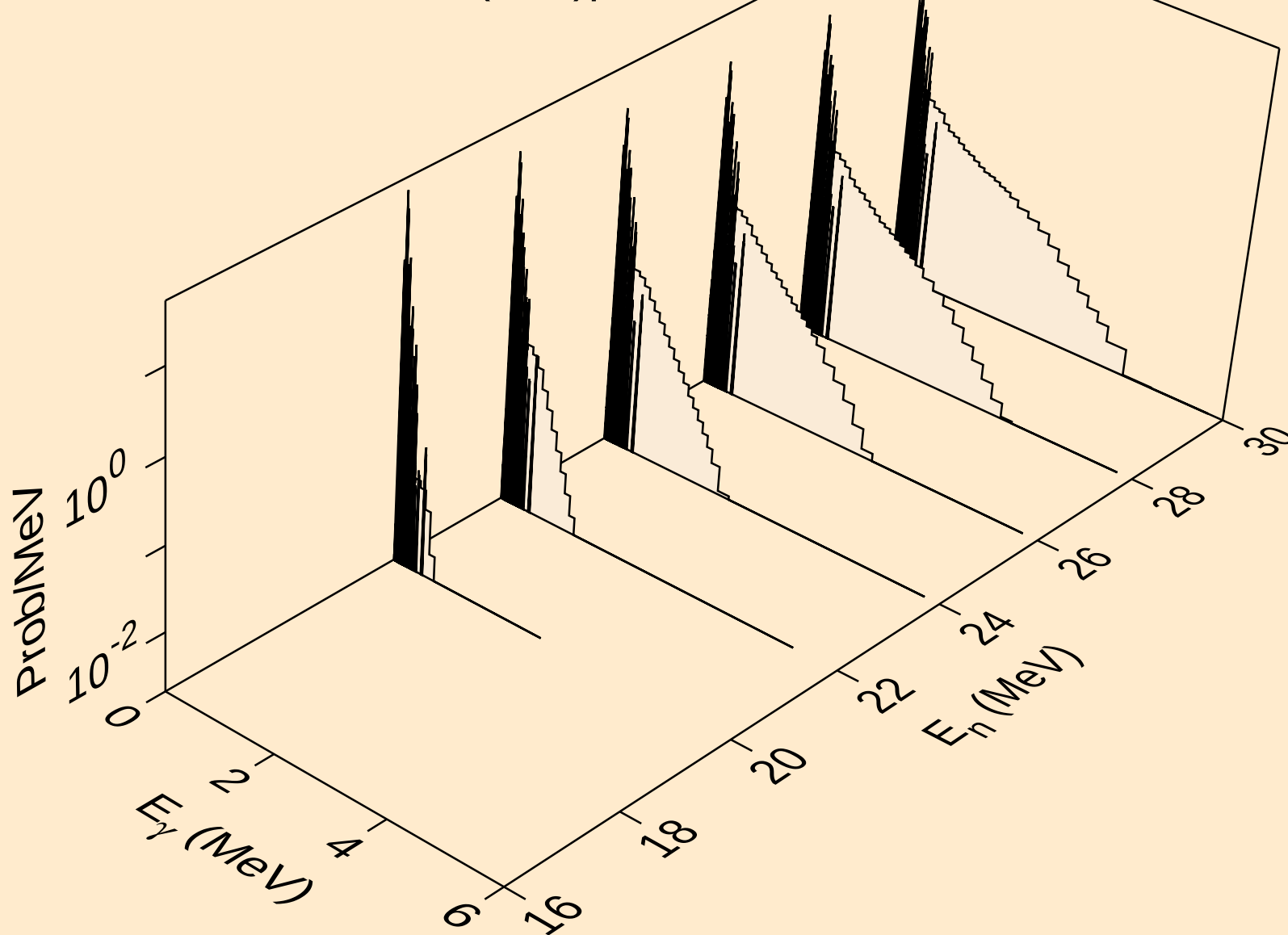
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

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



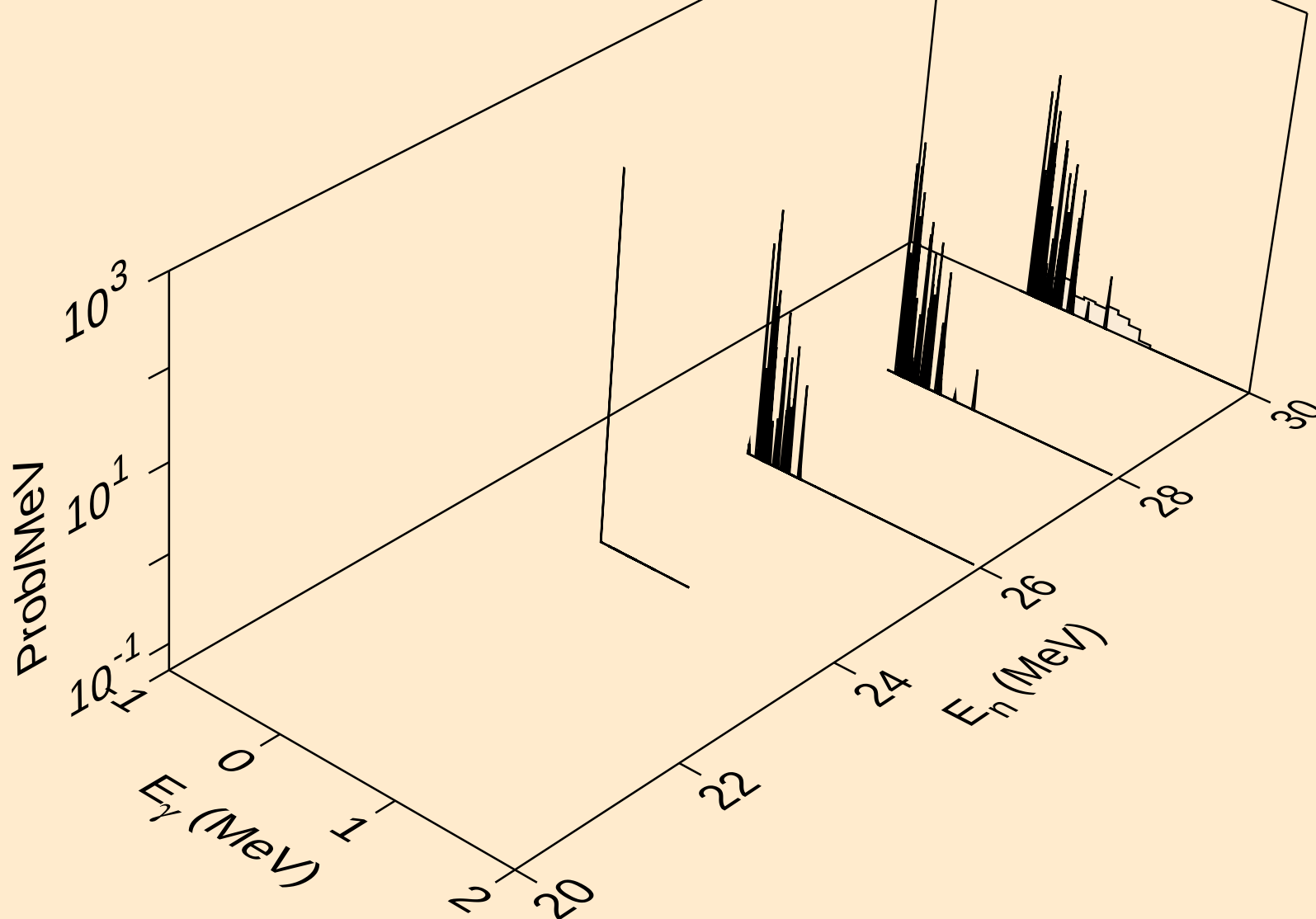
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



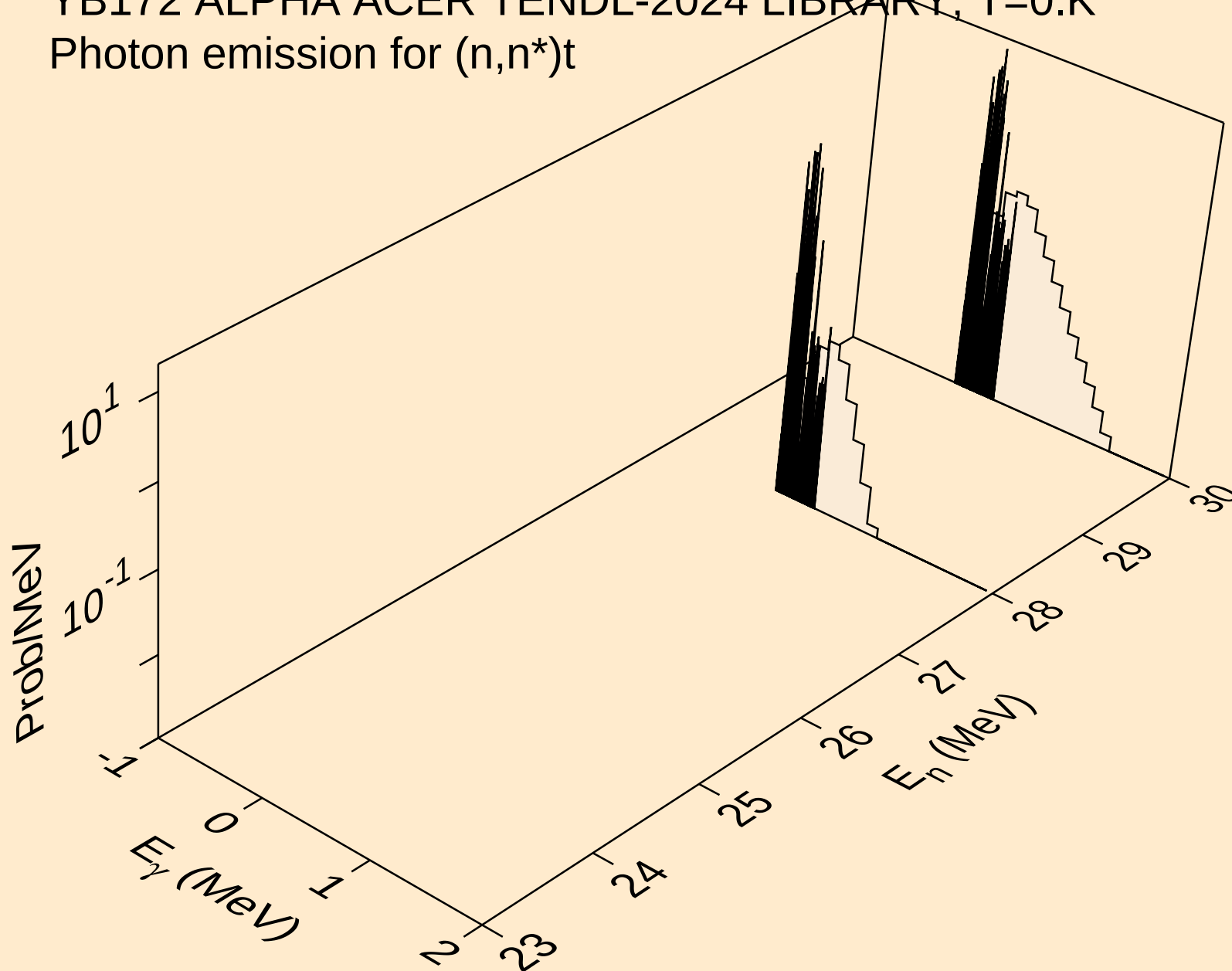
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



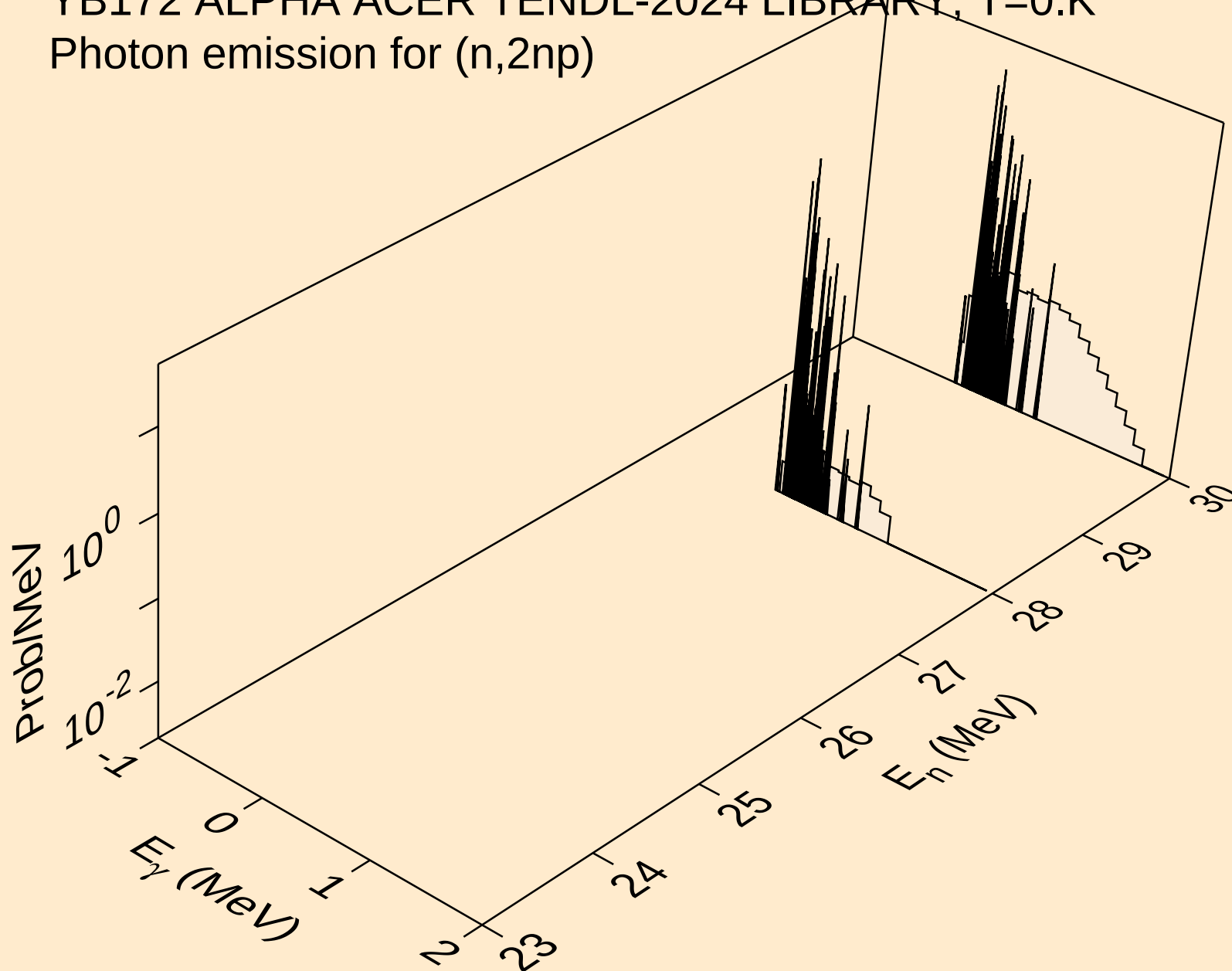
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

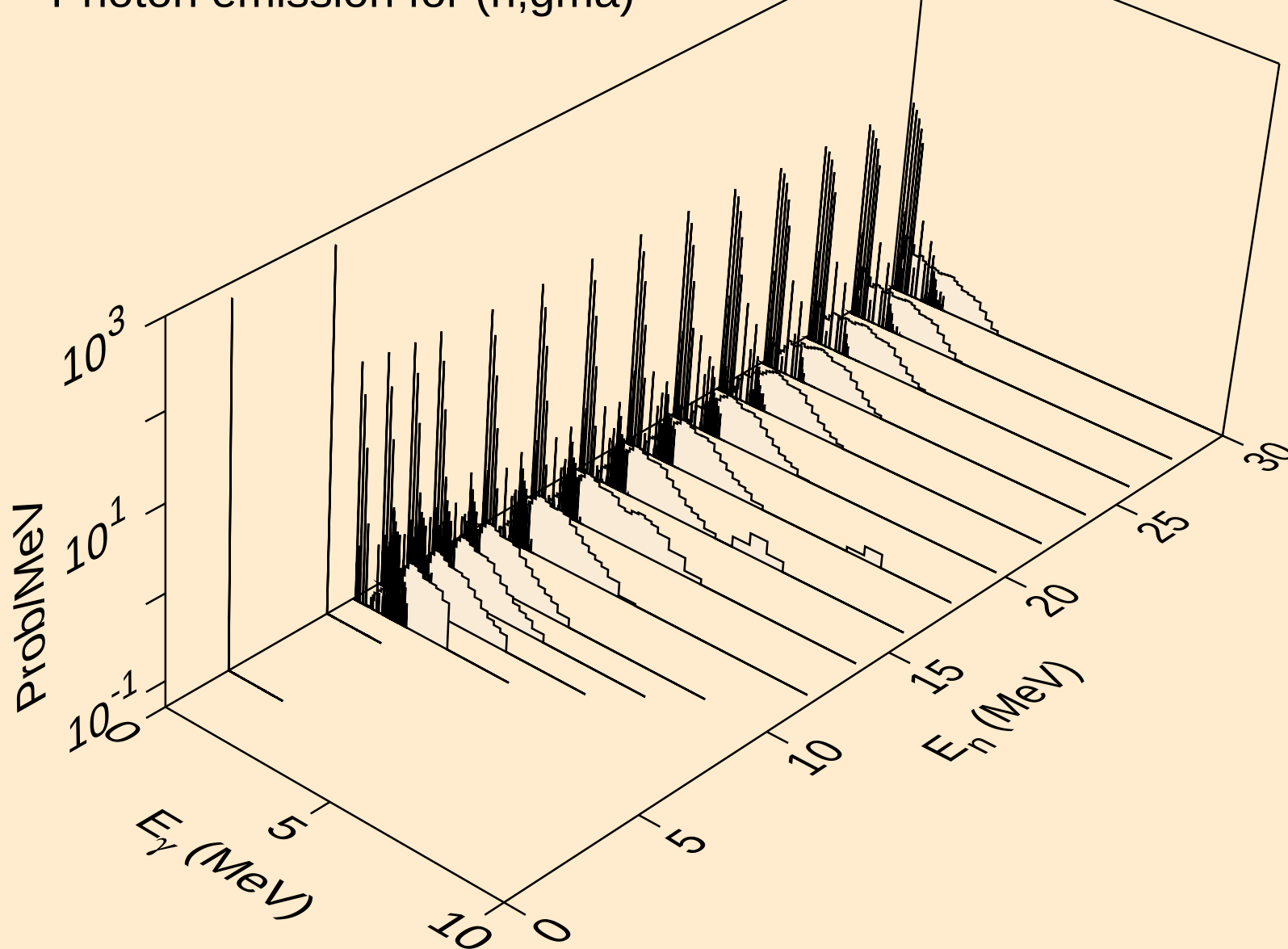


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2np)

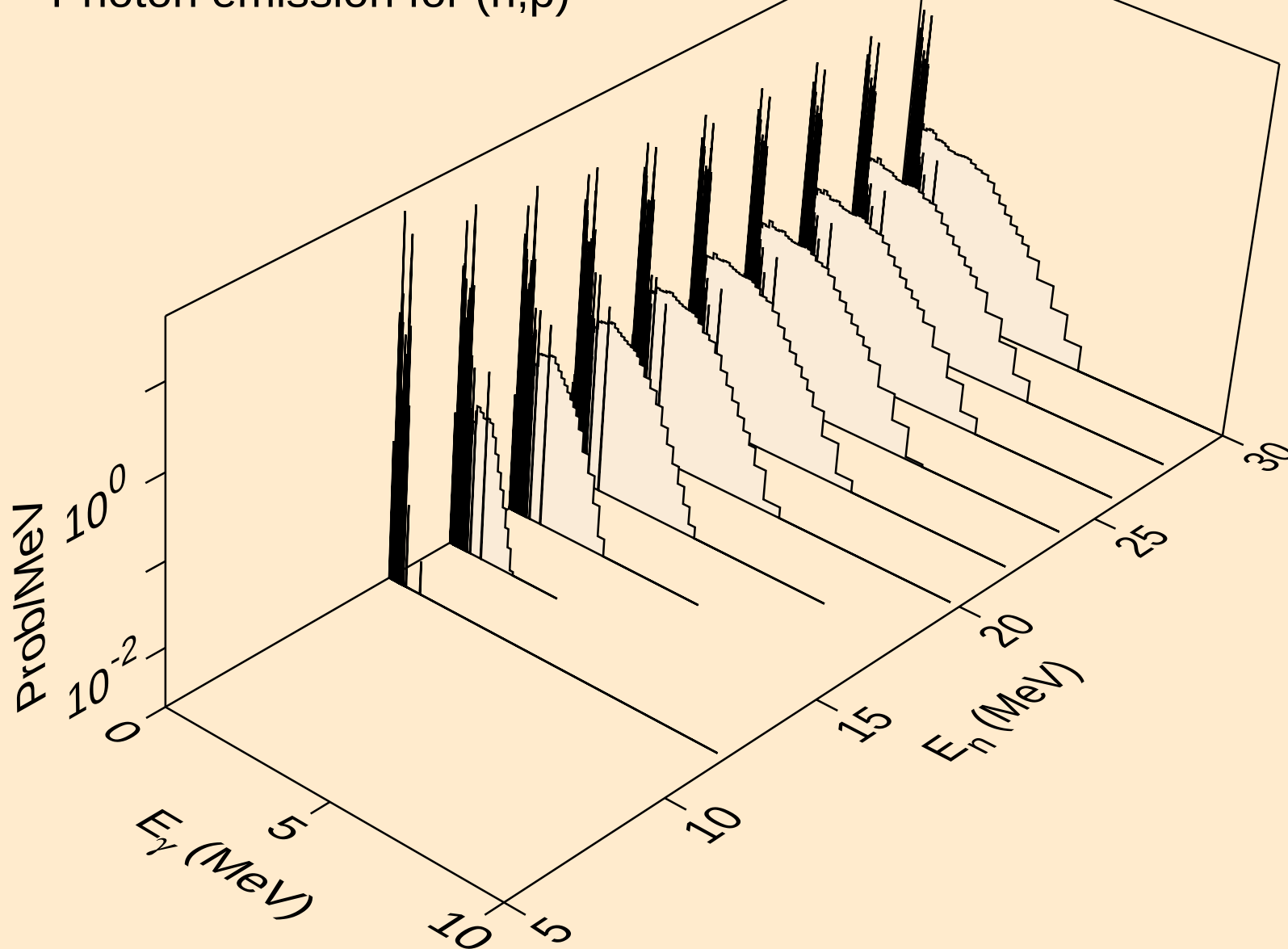


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



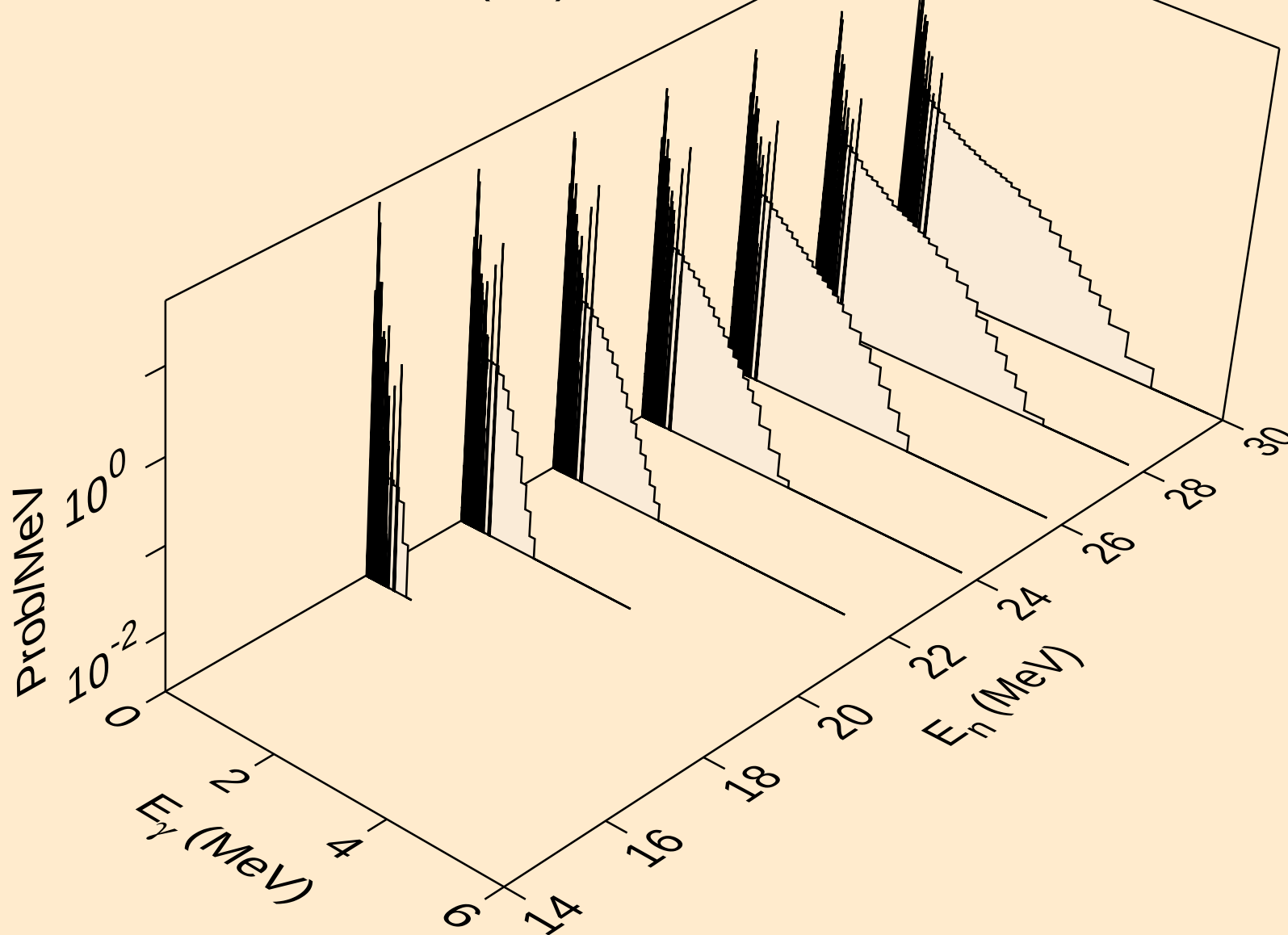
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)



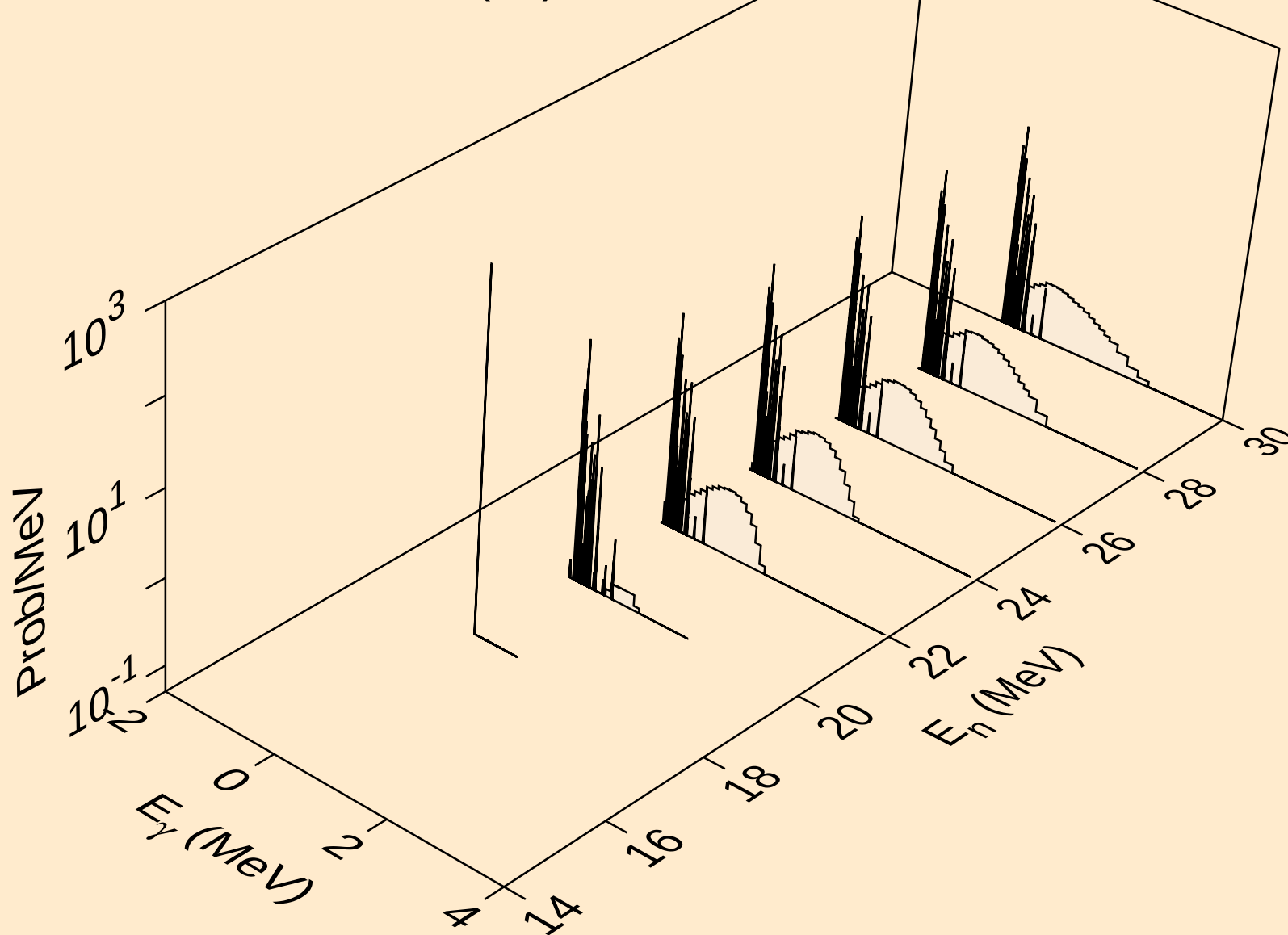
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,d)

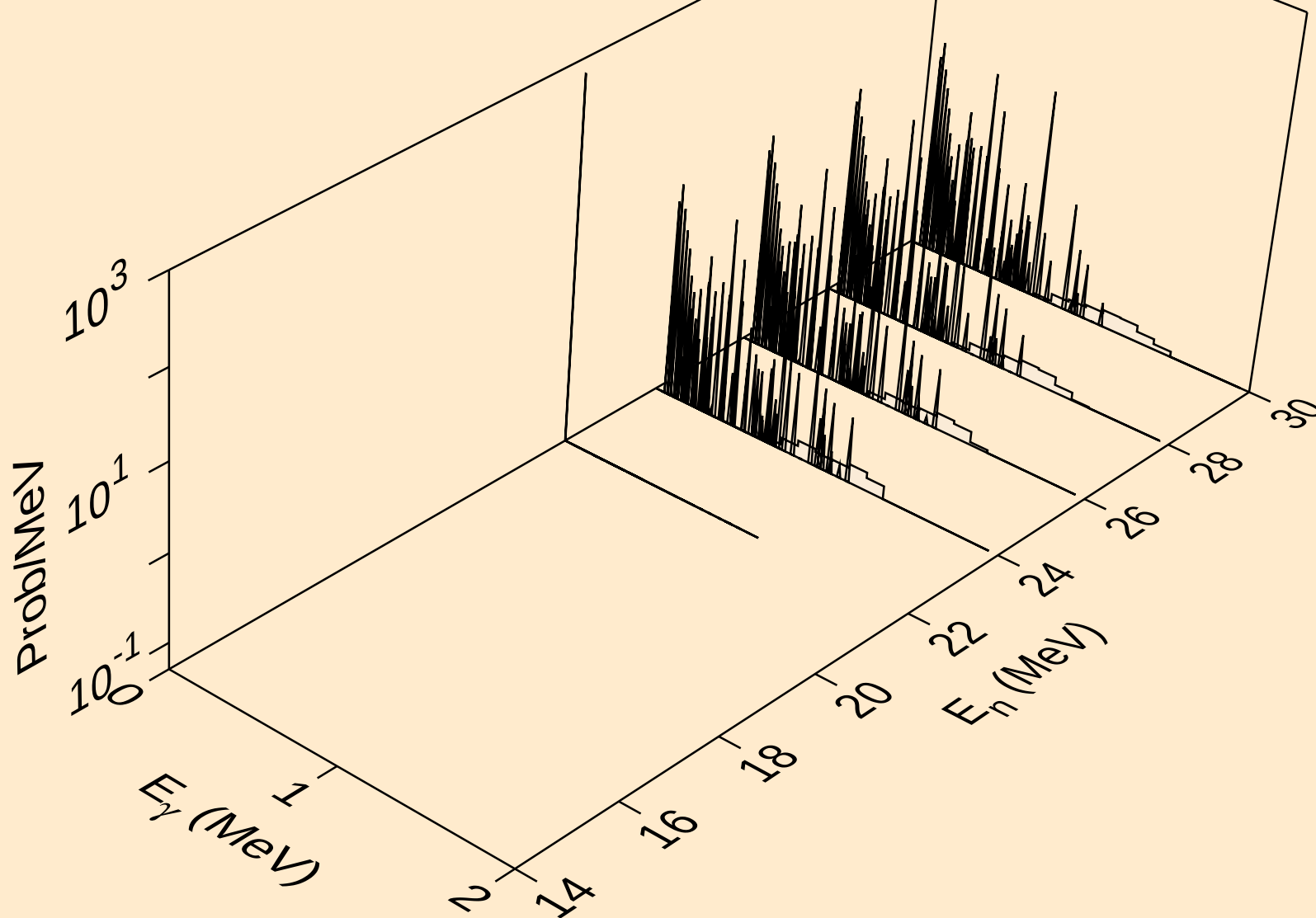


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

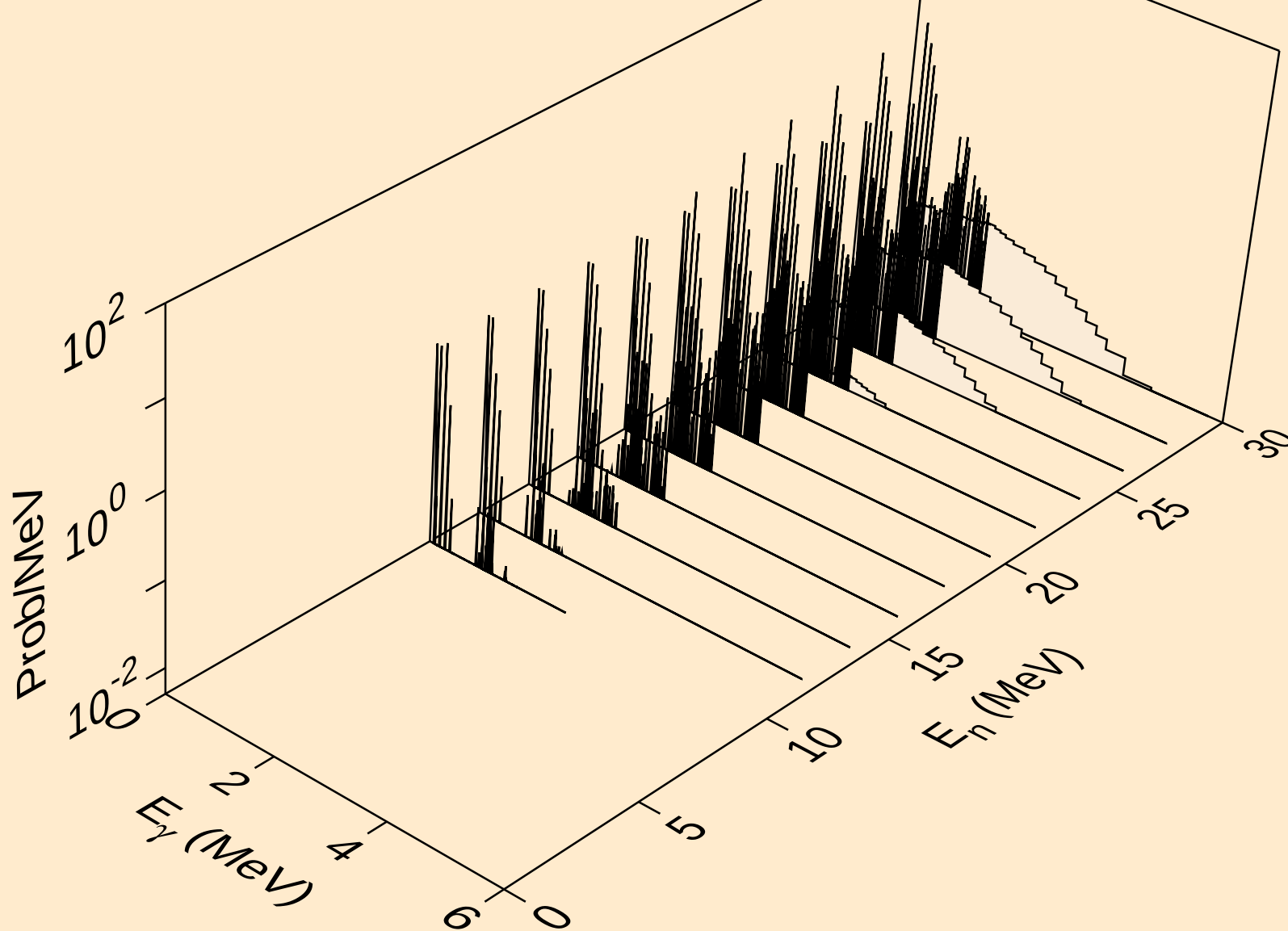
Photon emission for (n,t)



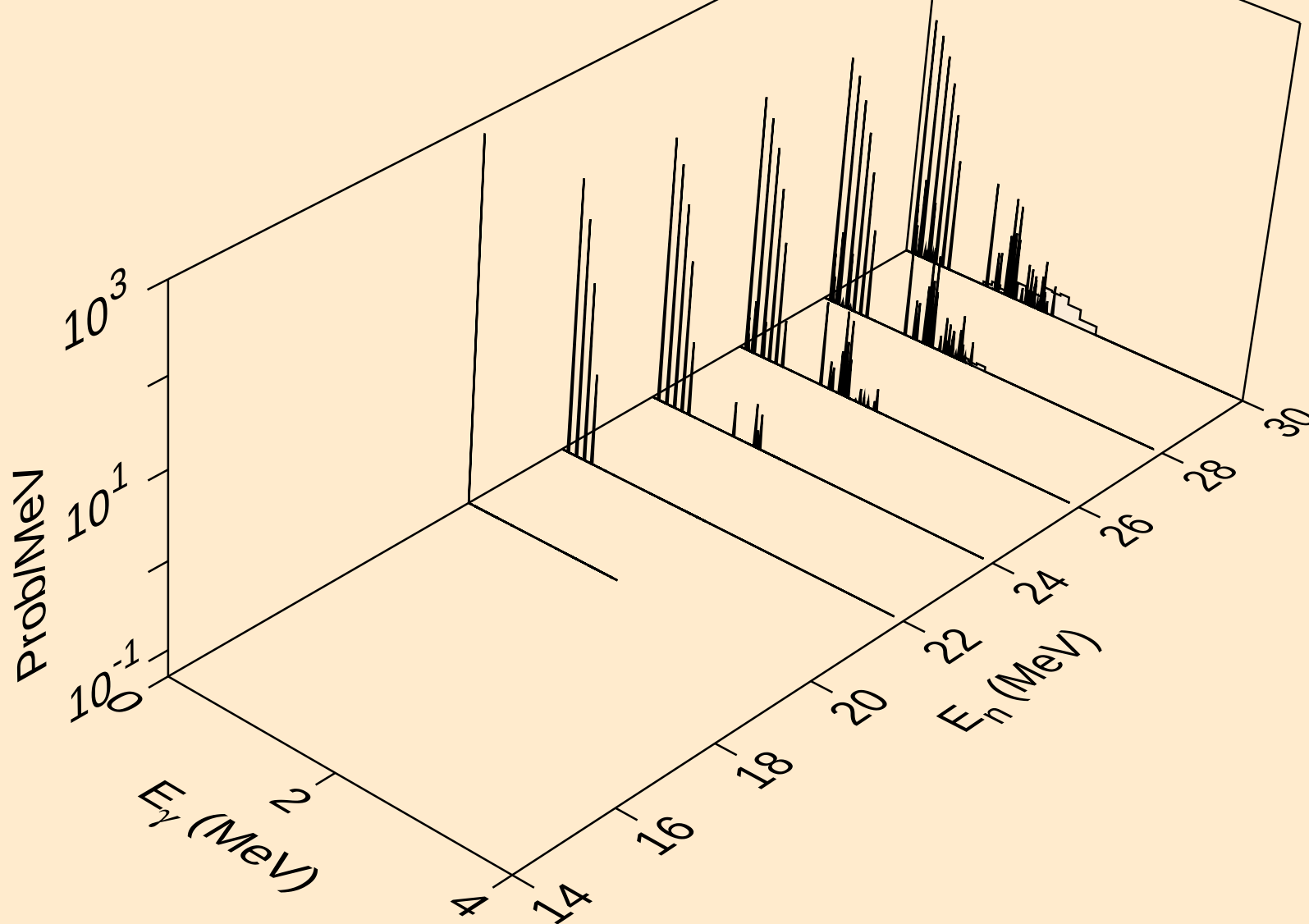
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

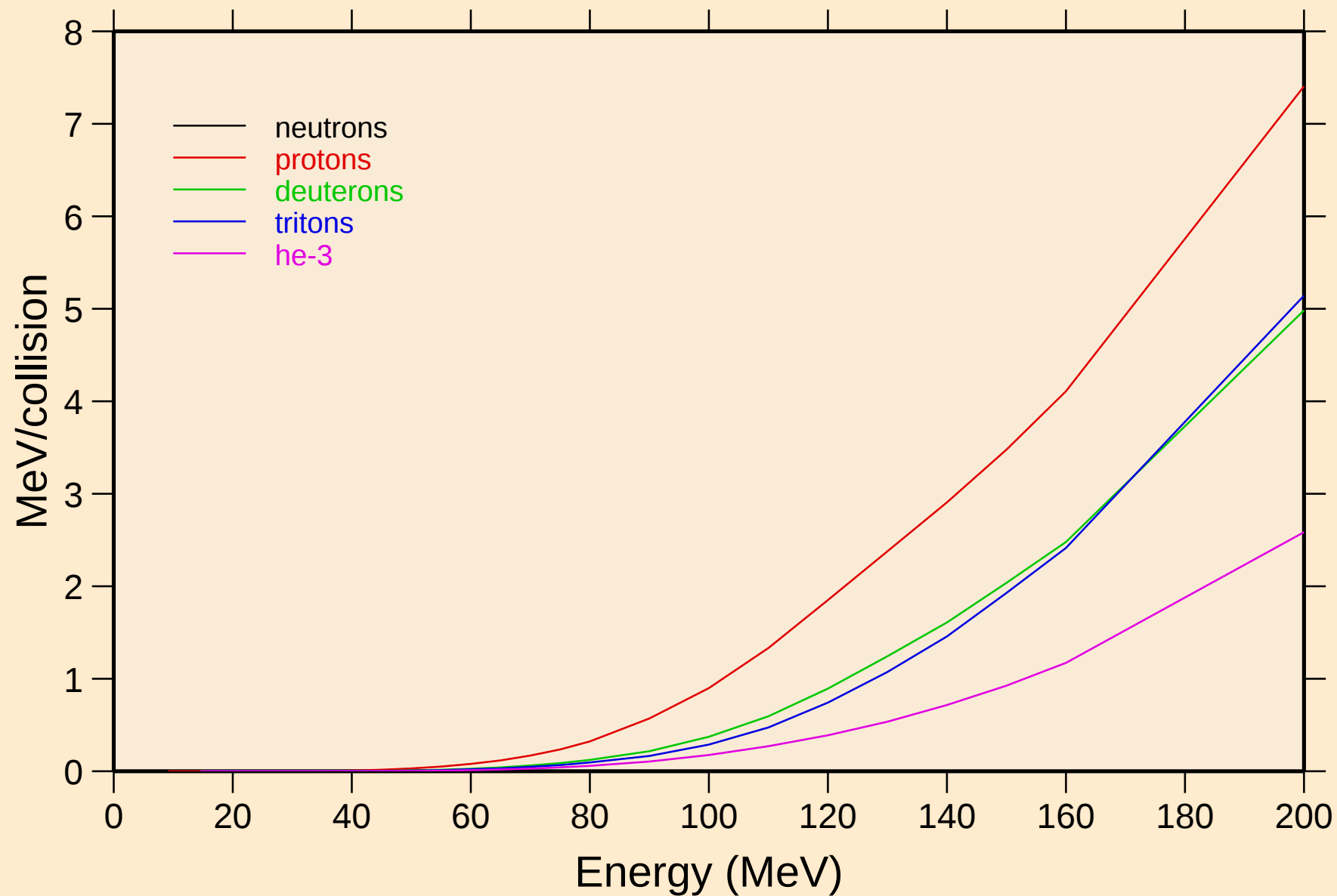


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



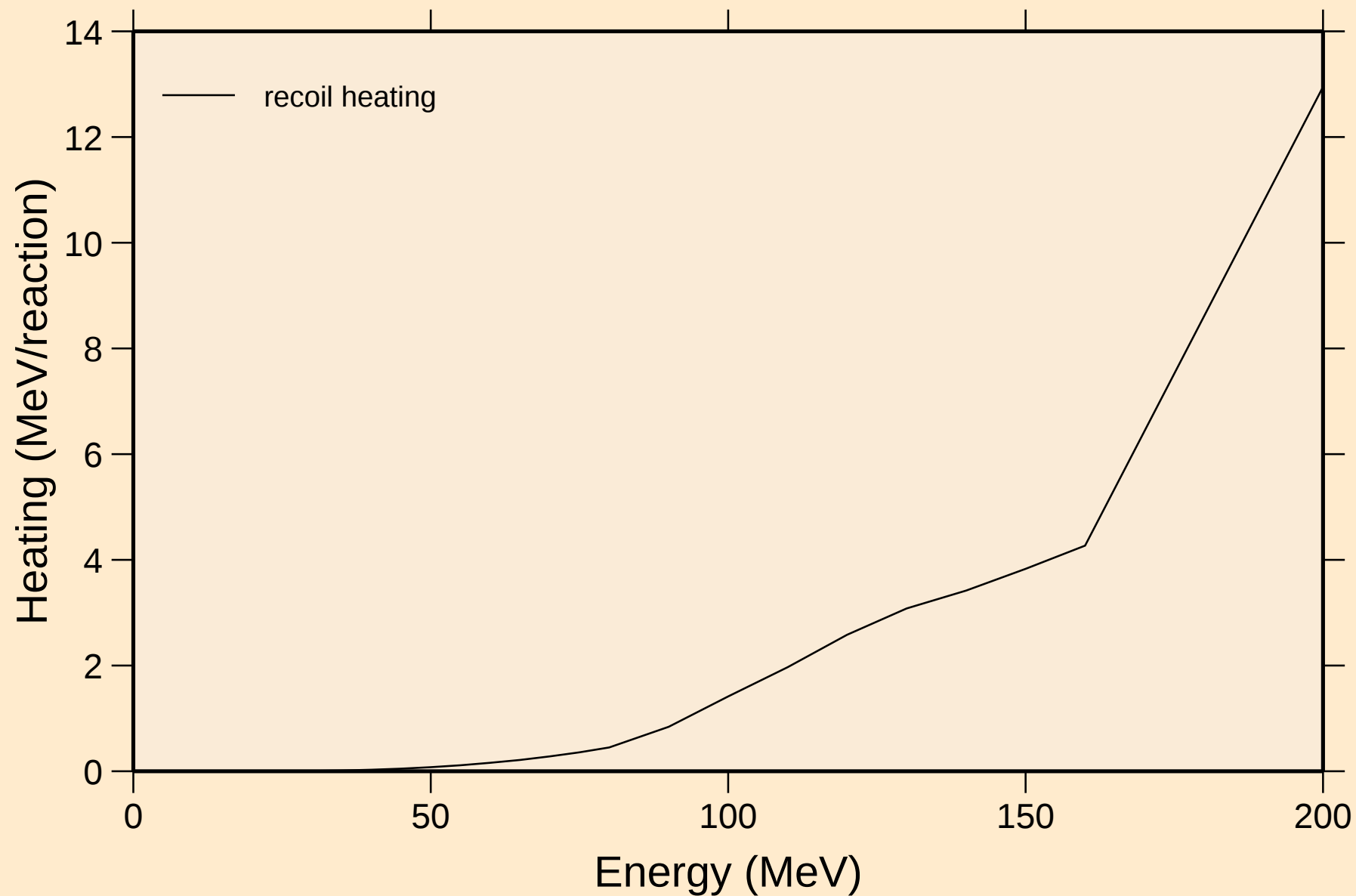
# YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



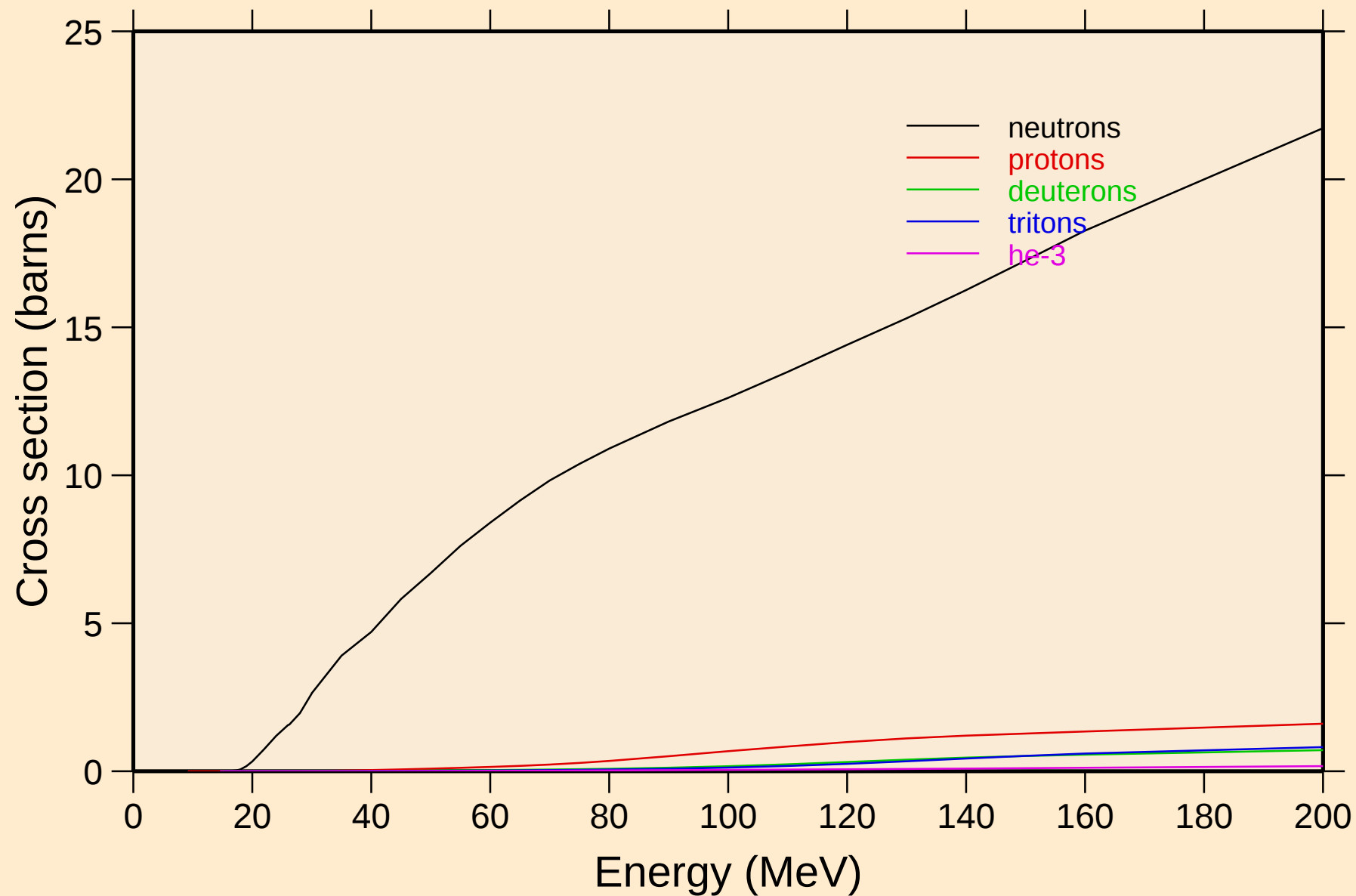
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

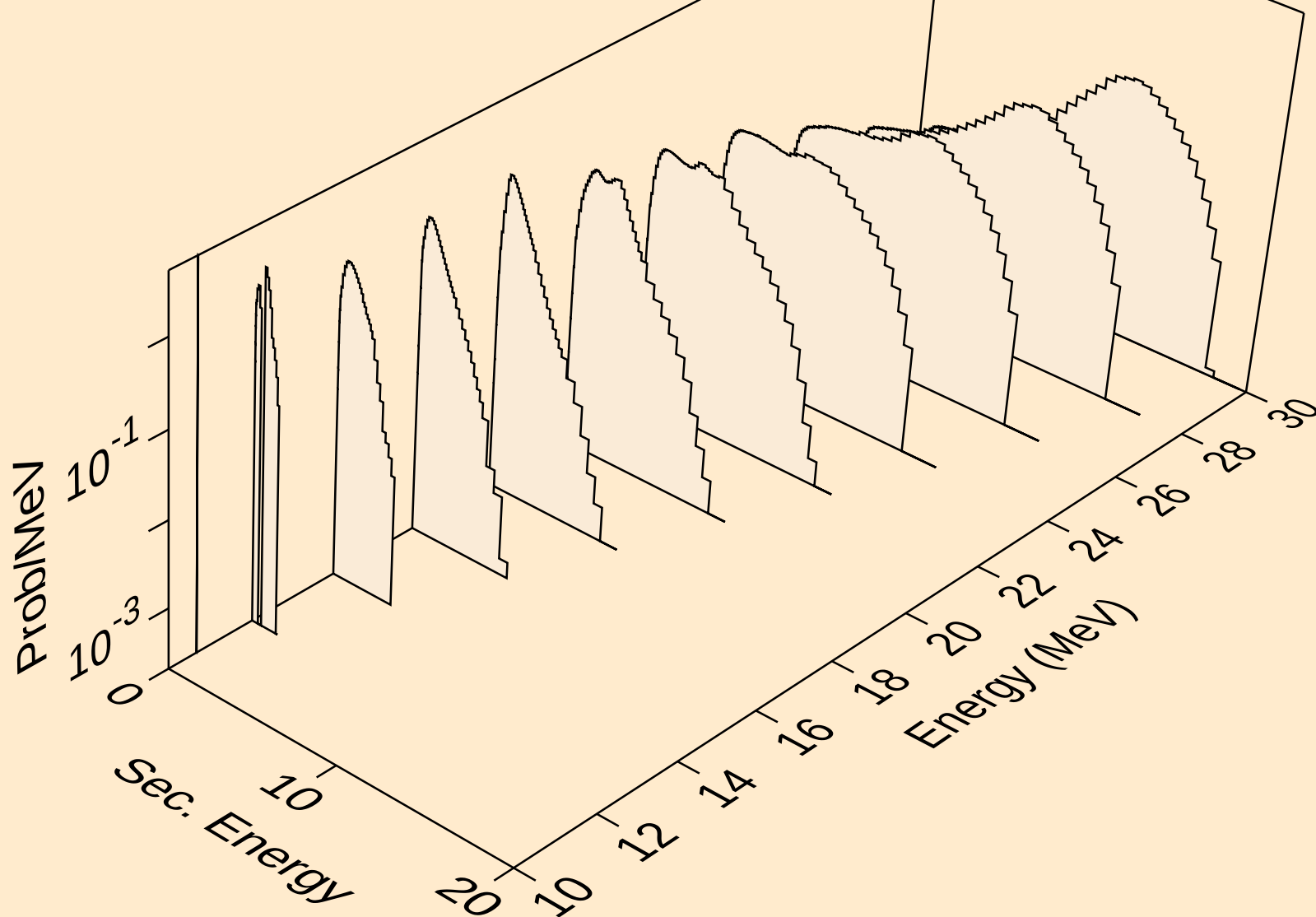


YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

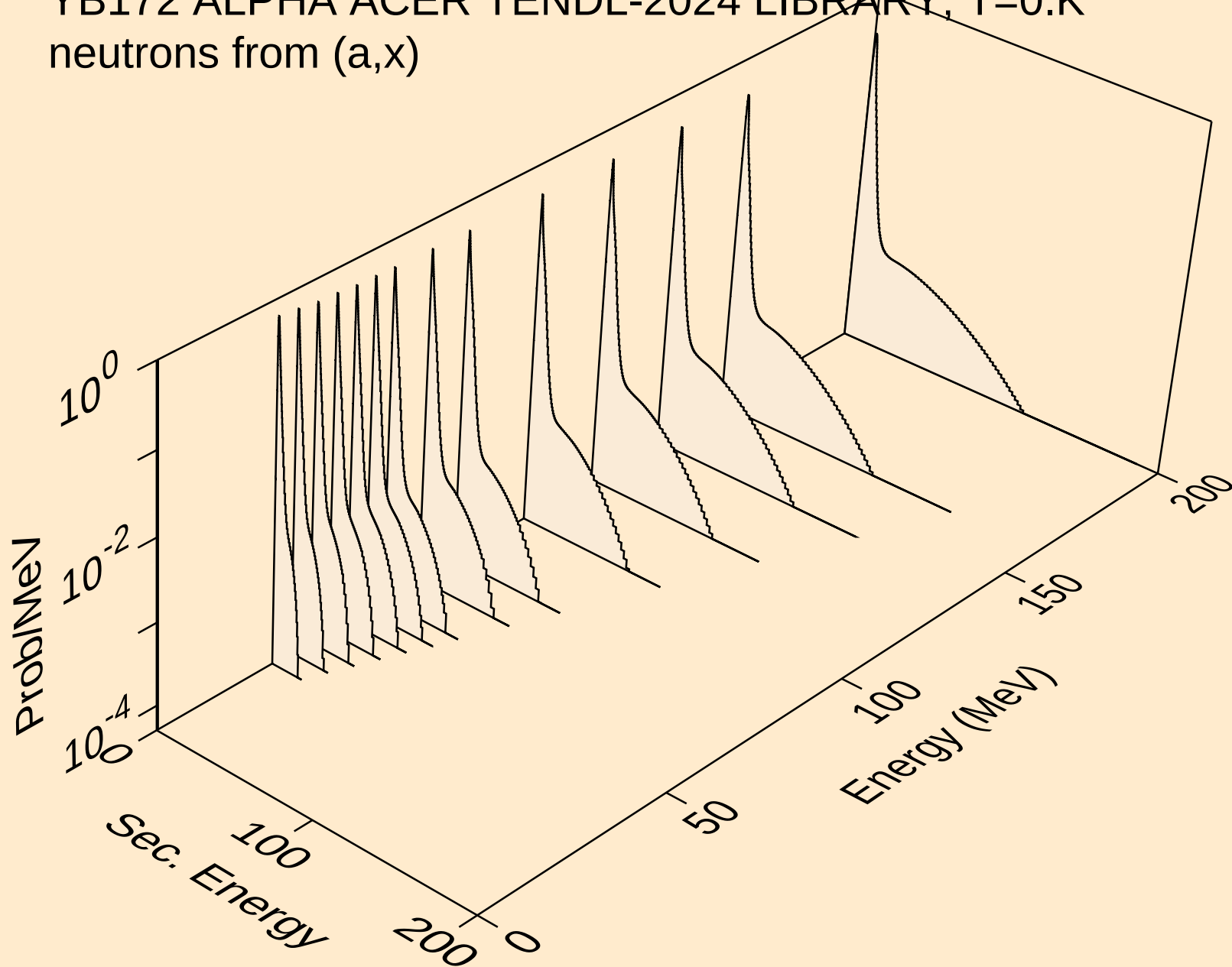
Particle production cross sections



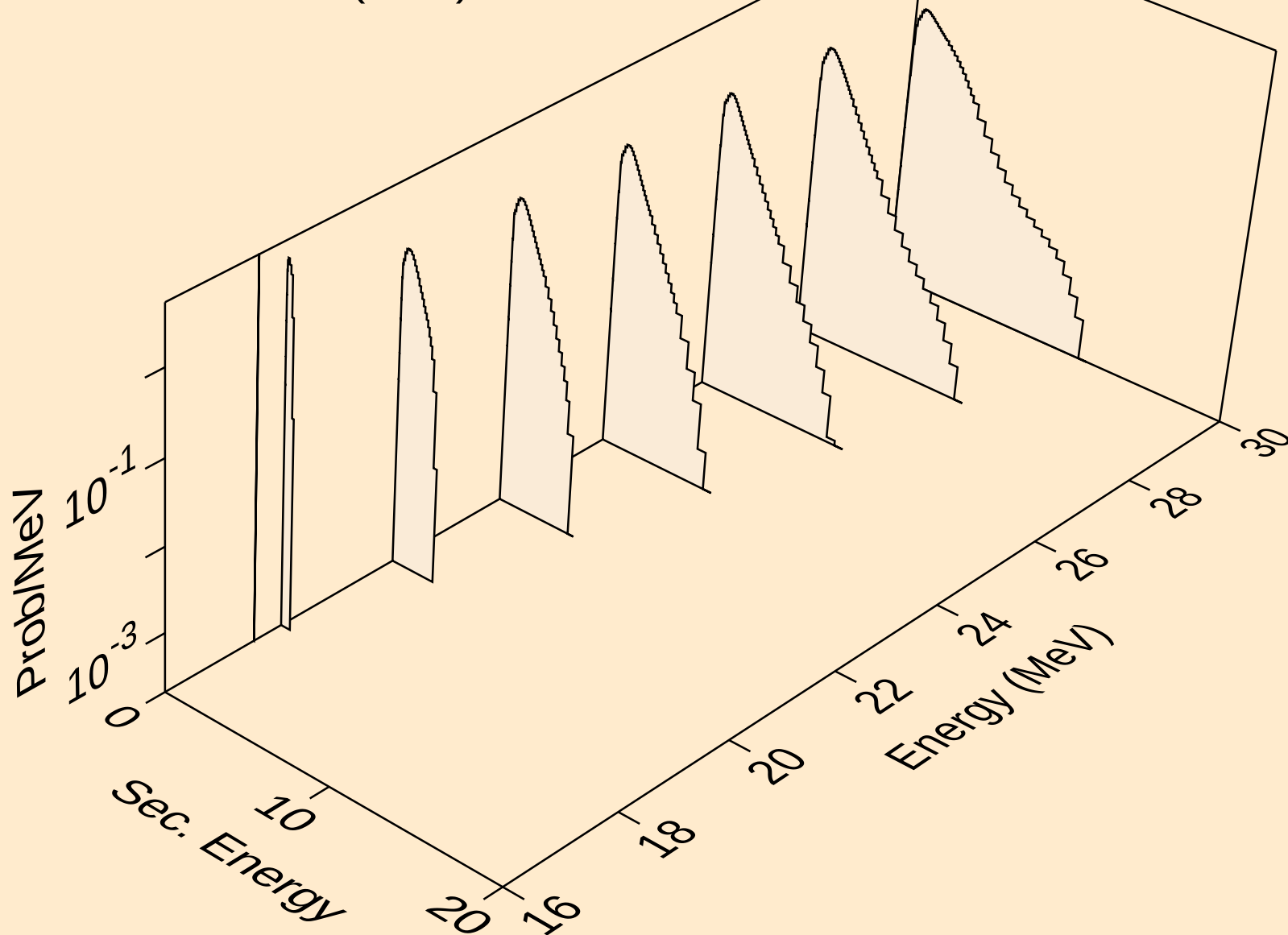
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



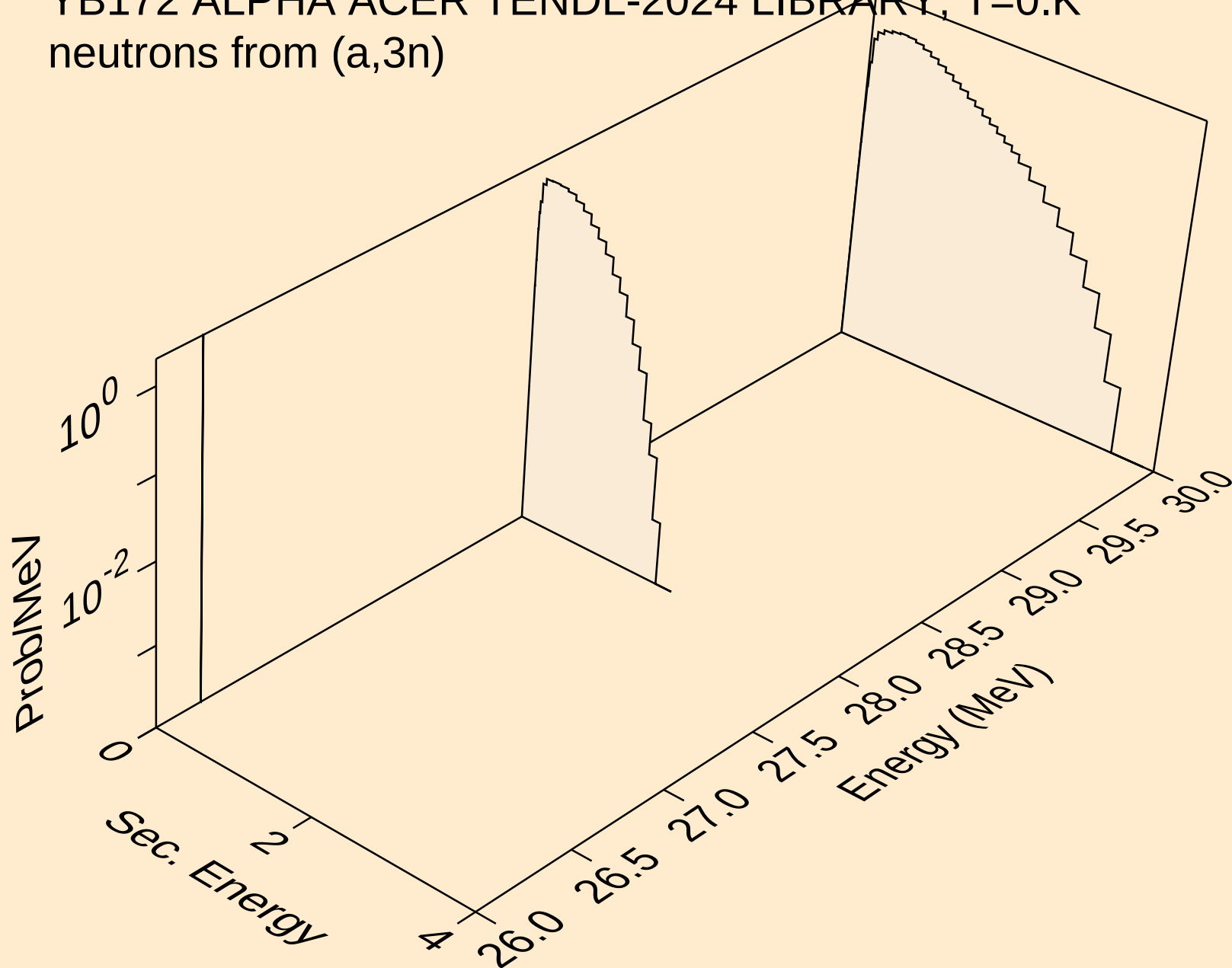
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



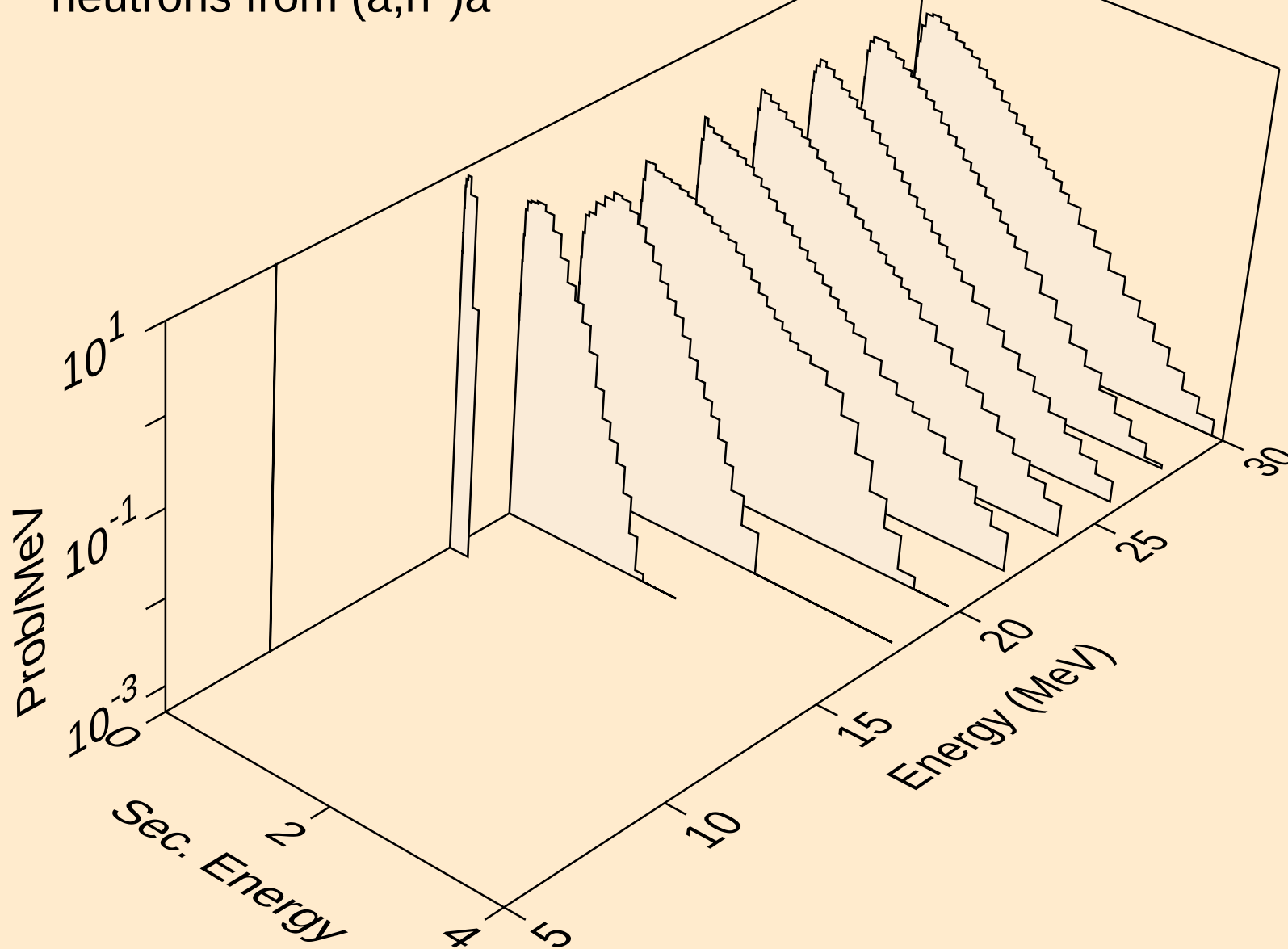
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



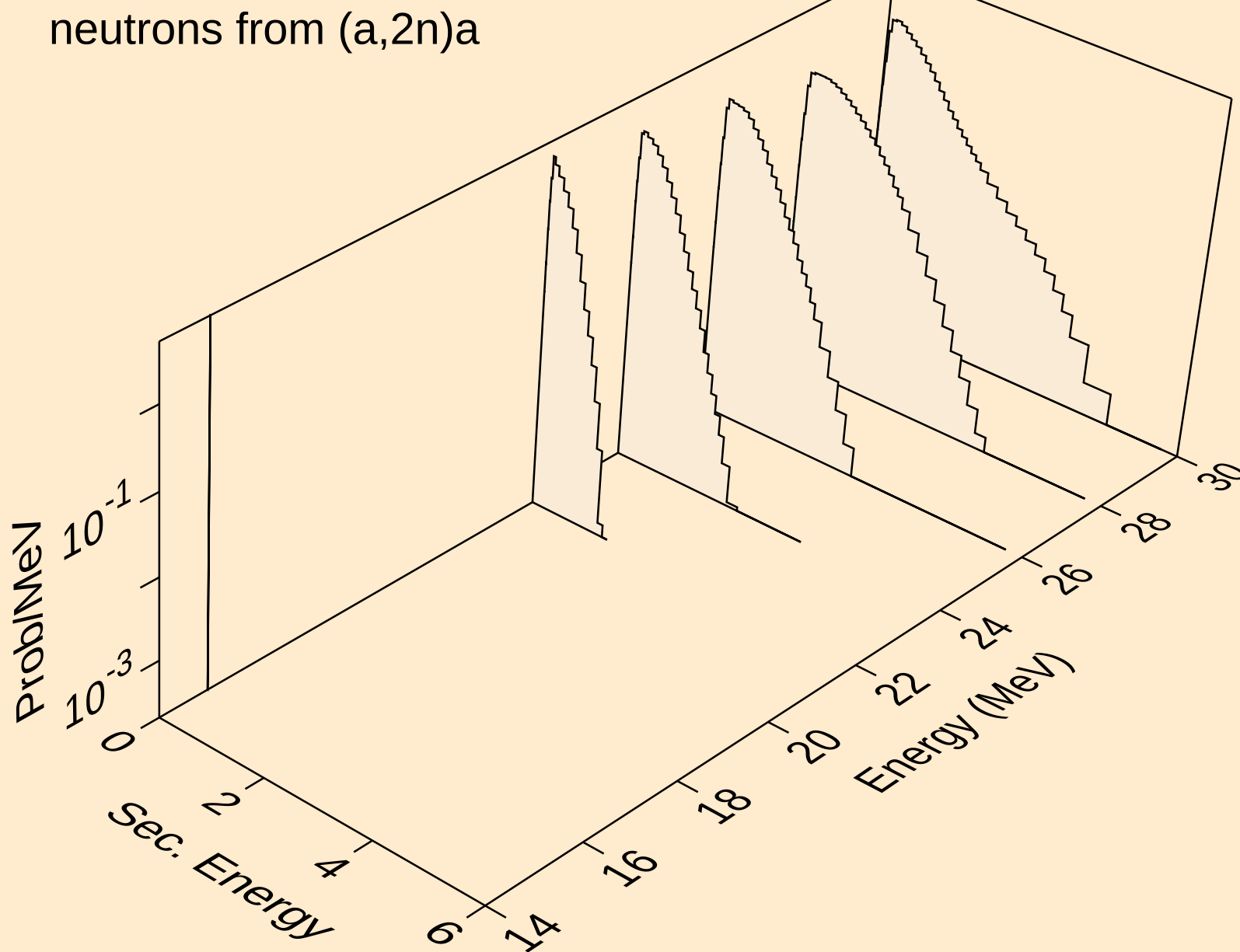
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



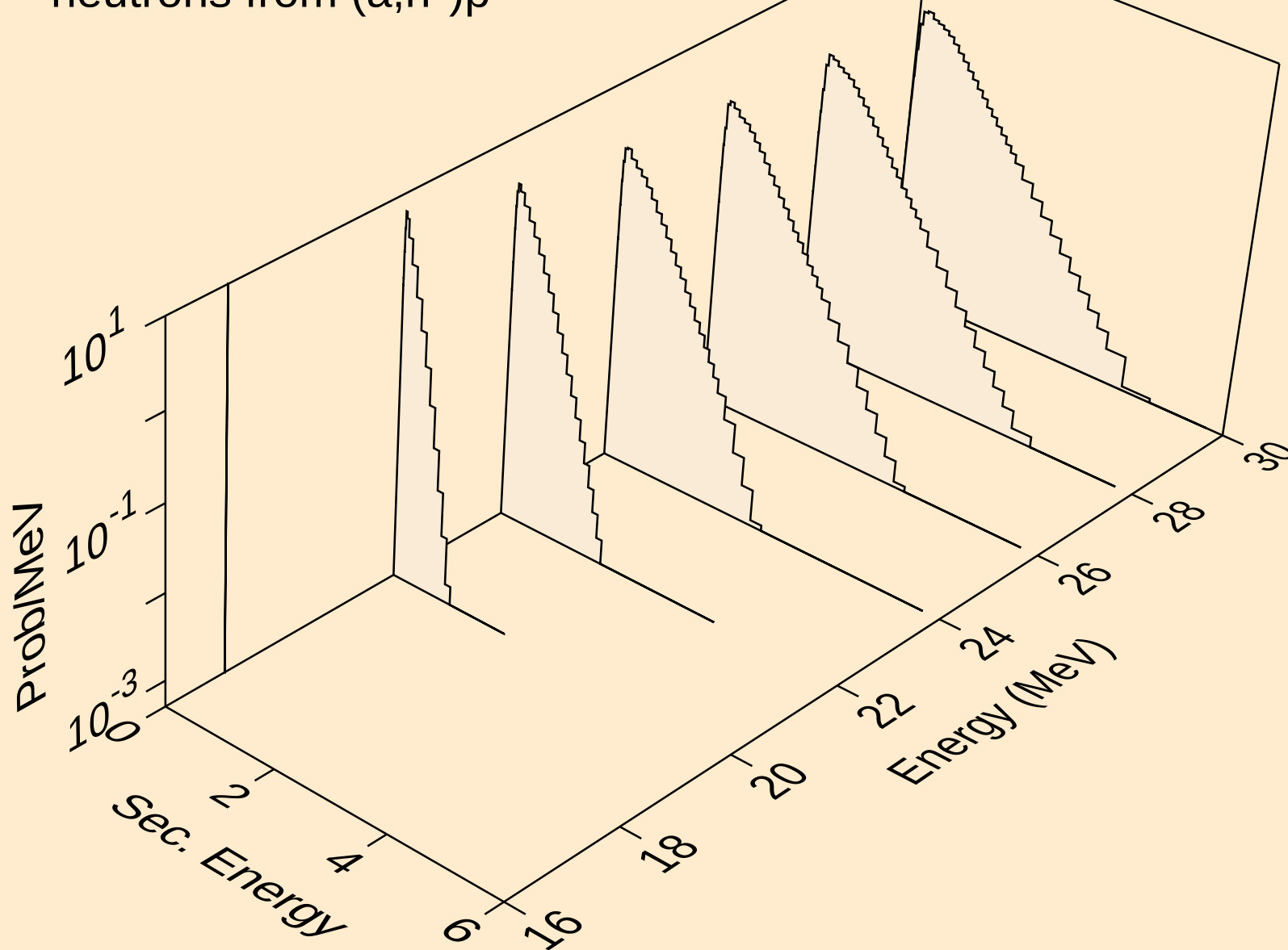
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



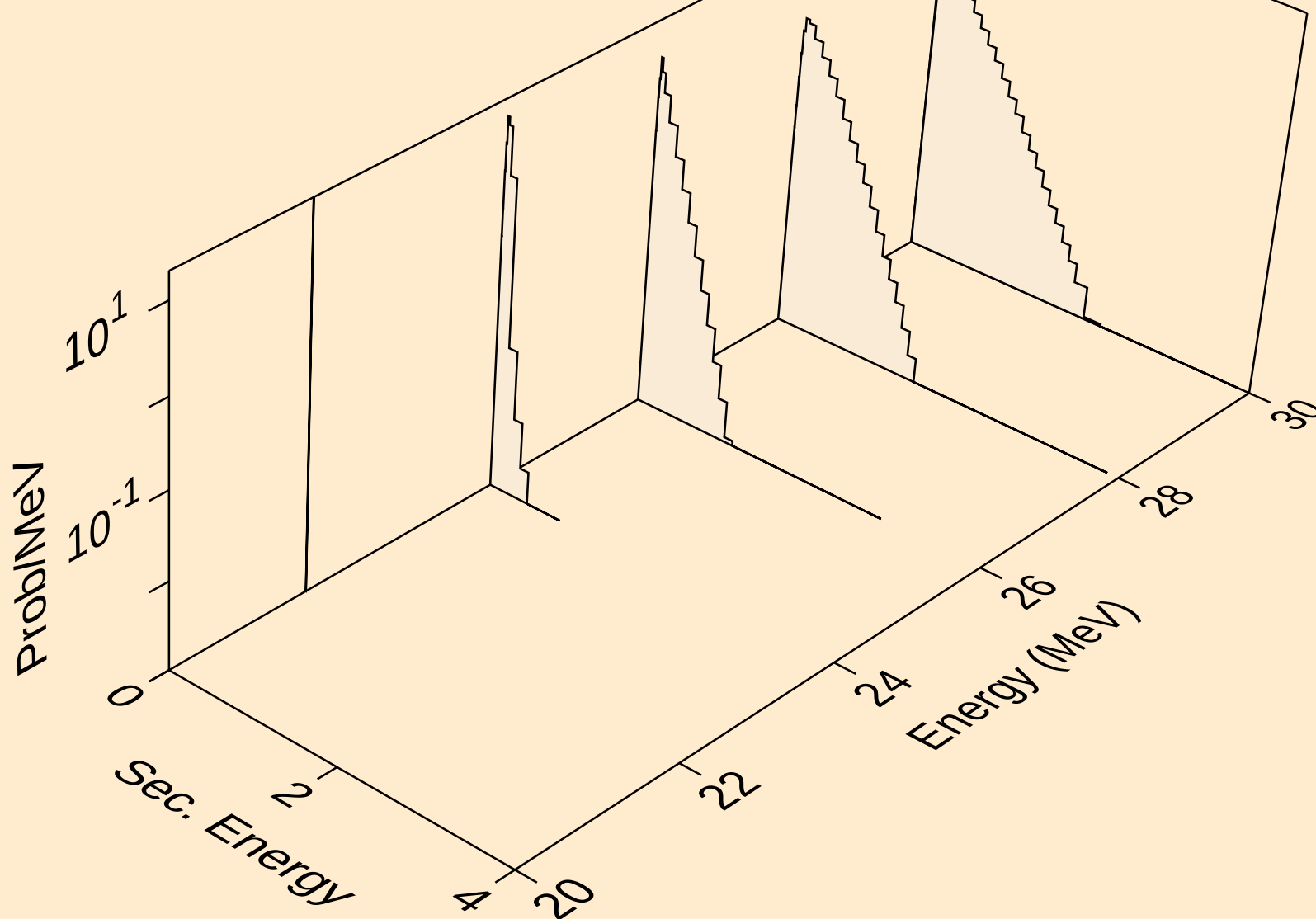
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



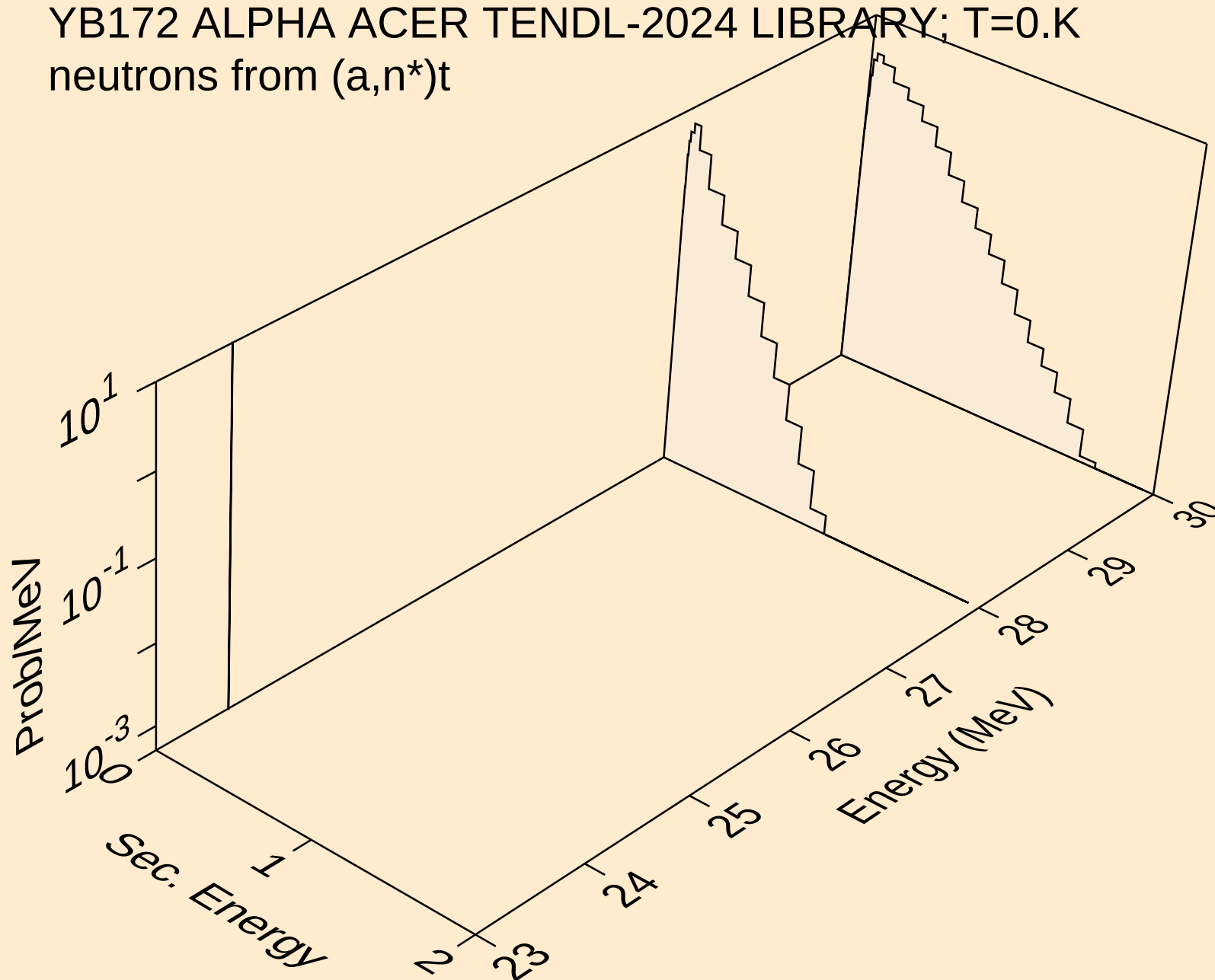
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



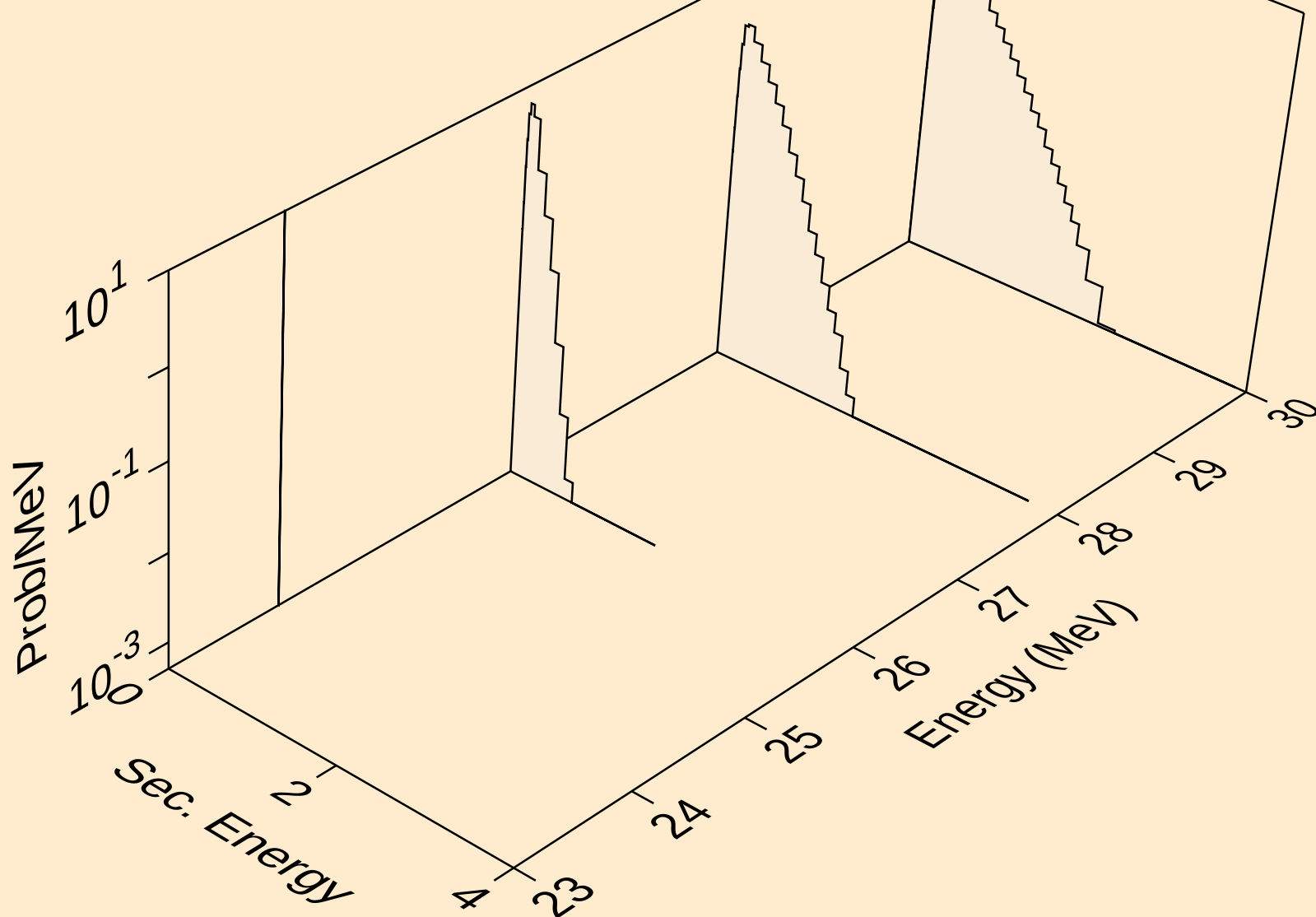
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



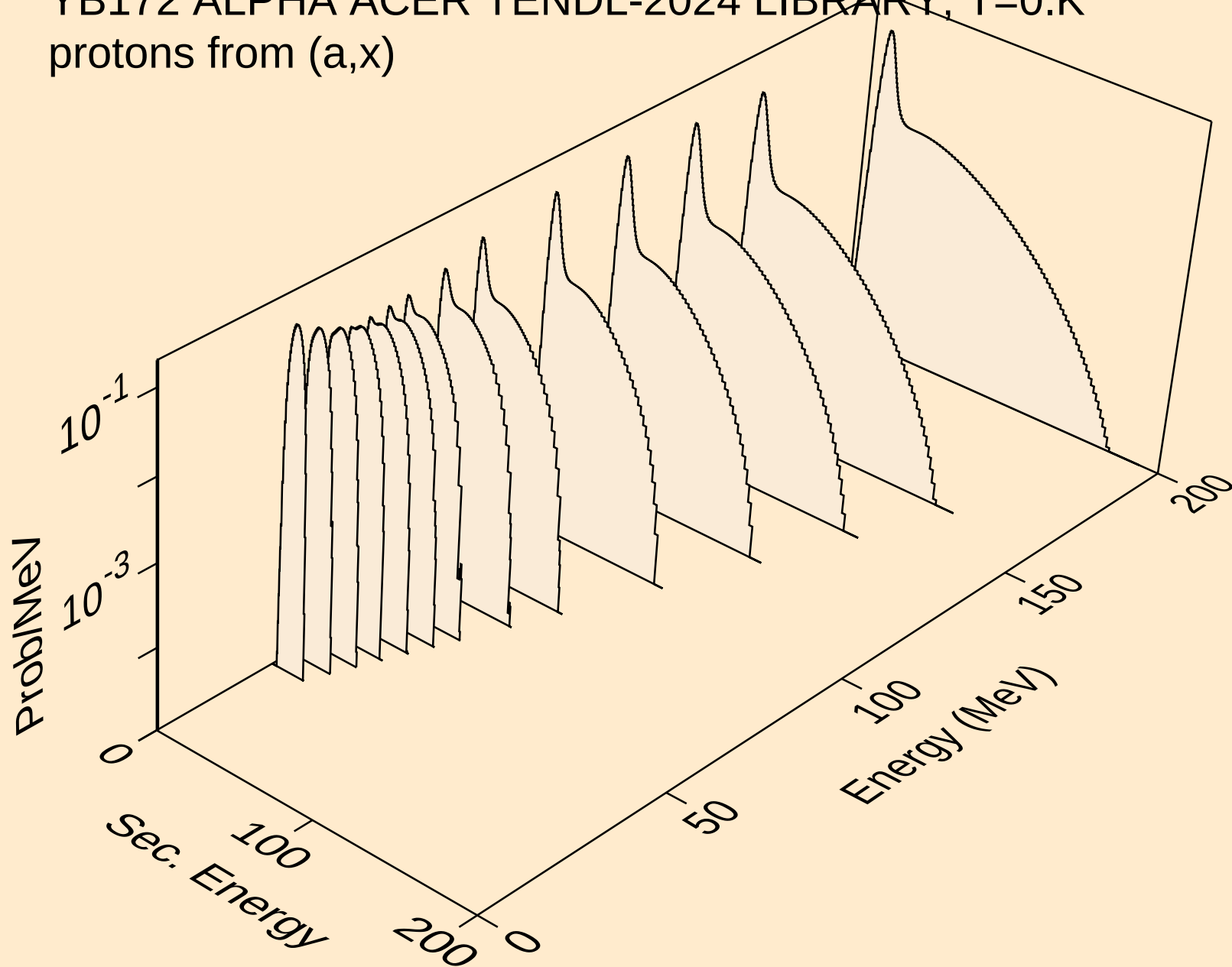
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neutrons from (a,n\*)t



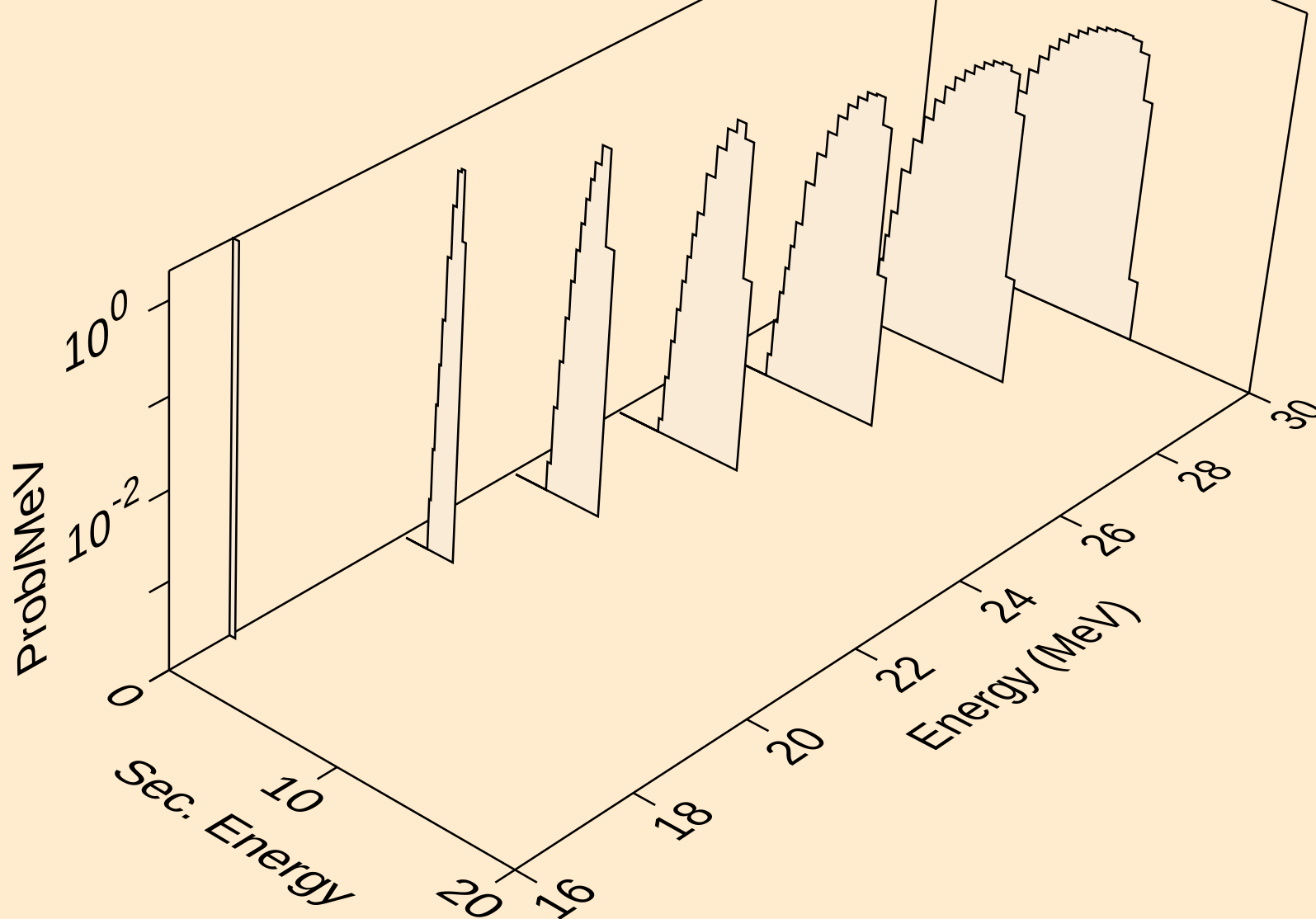
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neutrons from (a,2np)



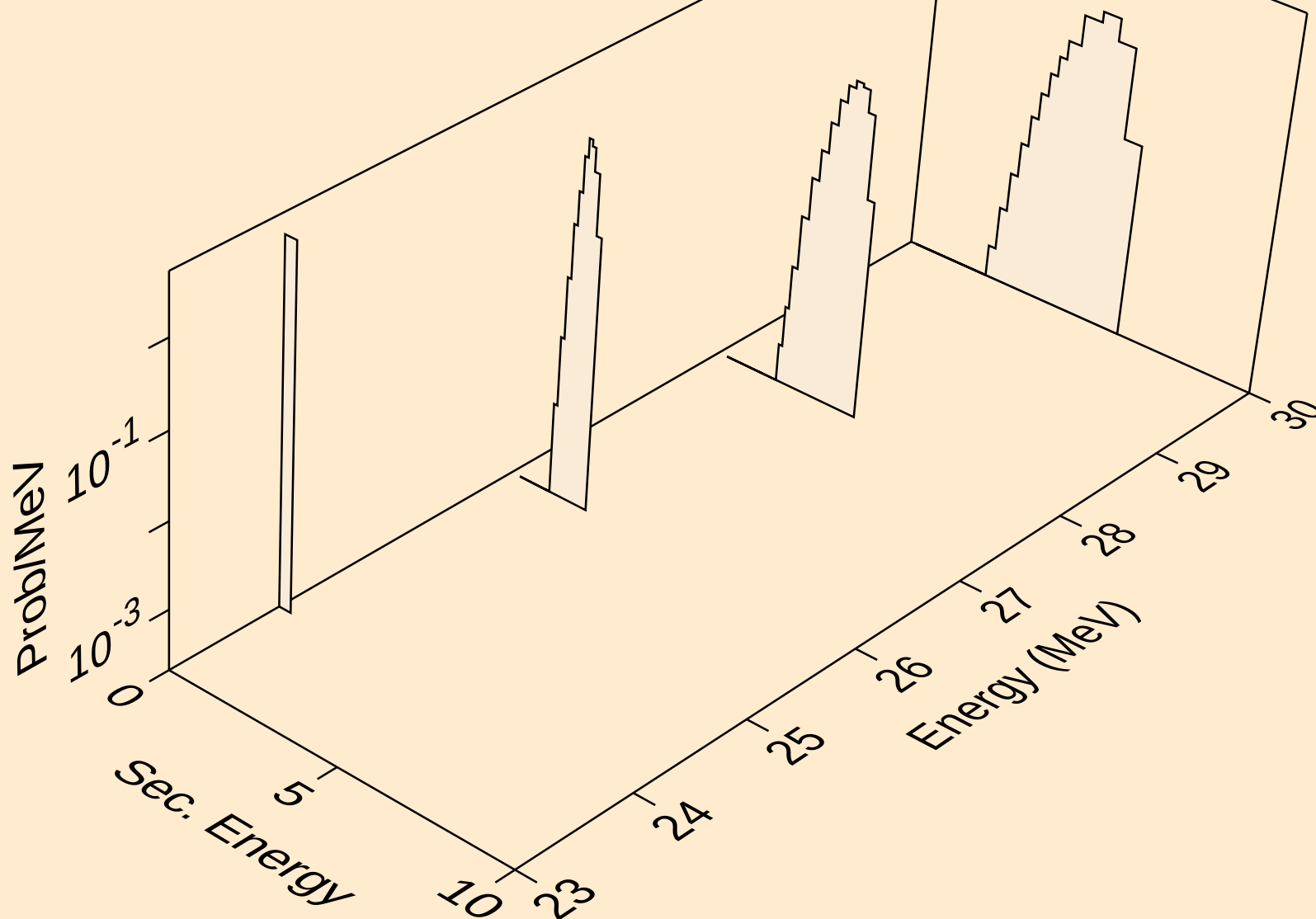
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protons from (a,x)



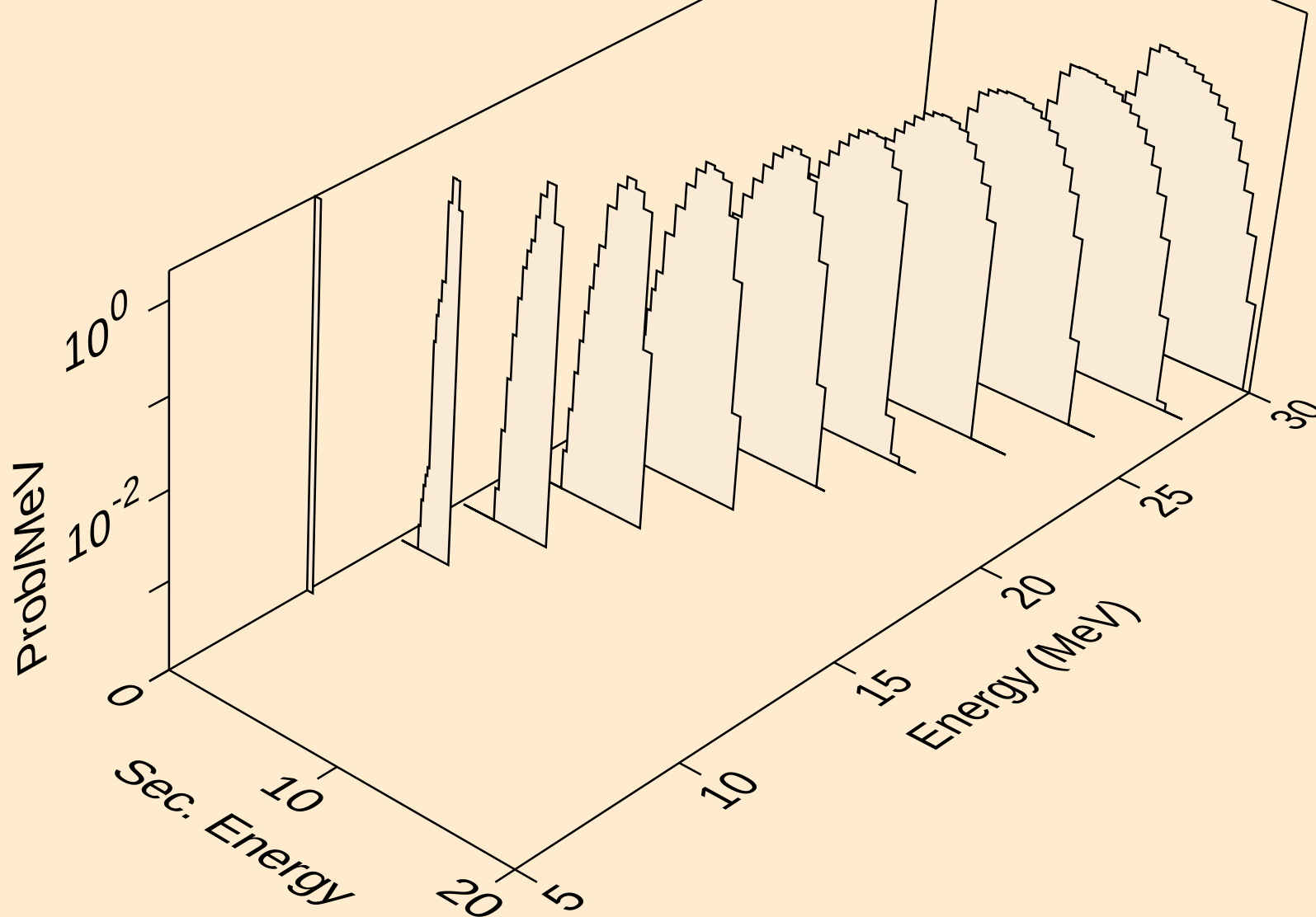
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protons from (a,n\*)p



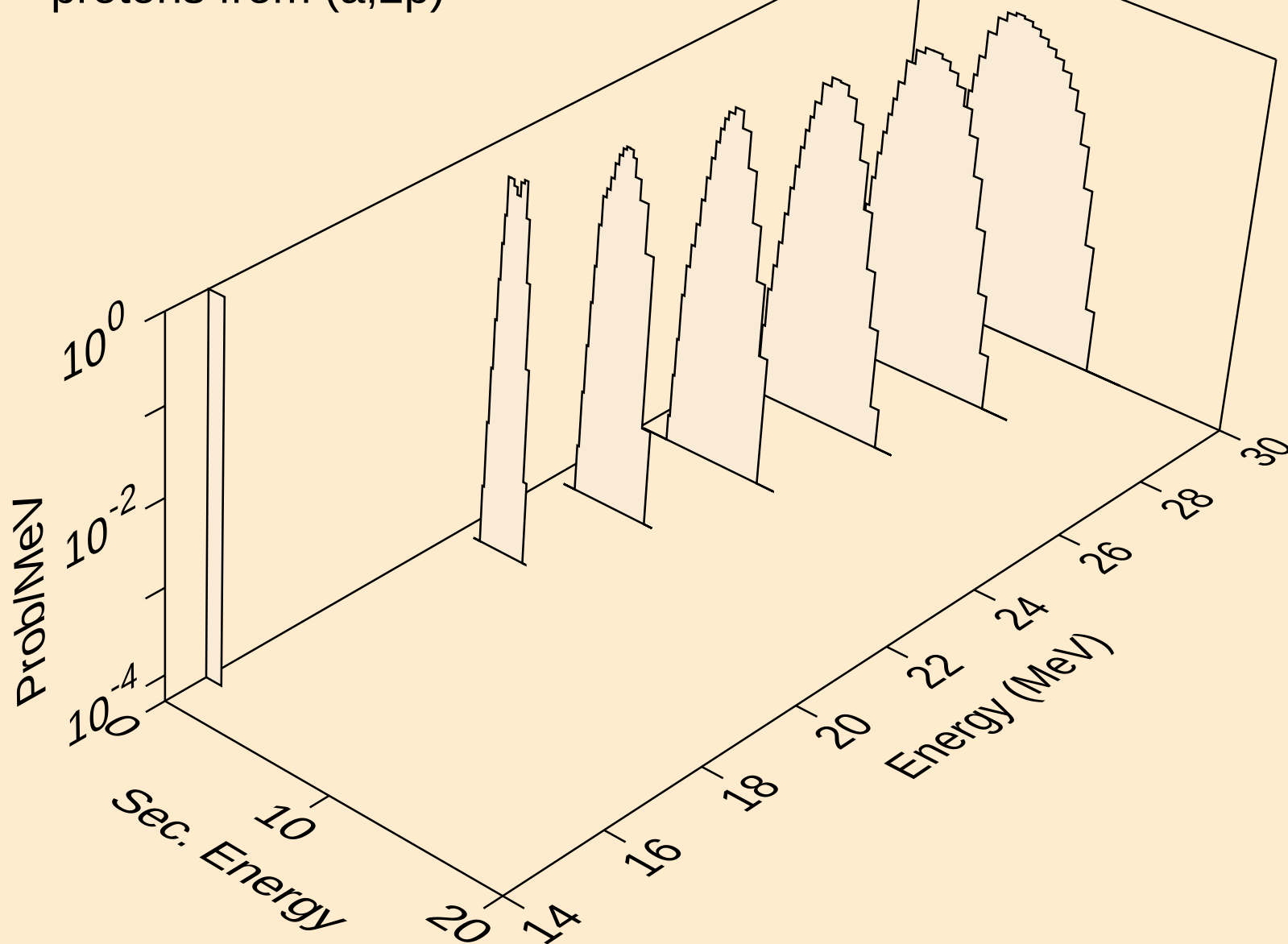
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protons from (a,2np)



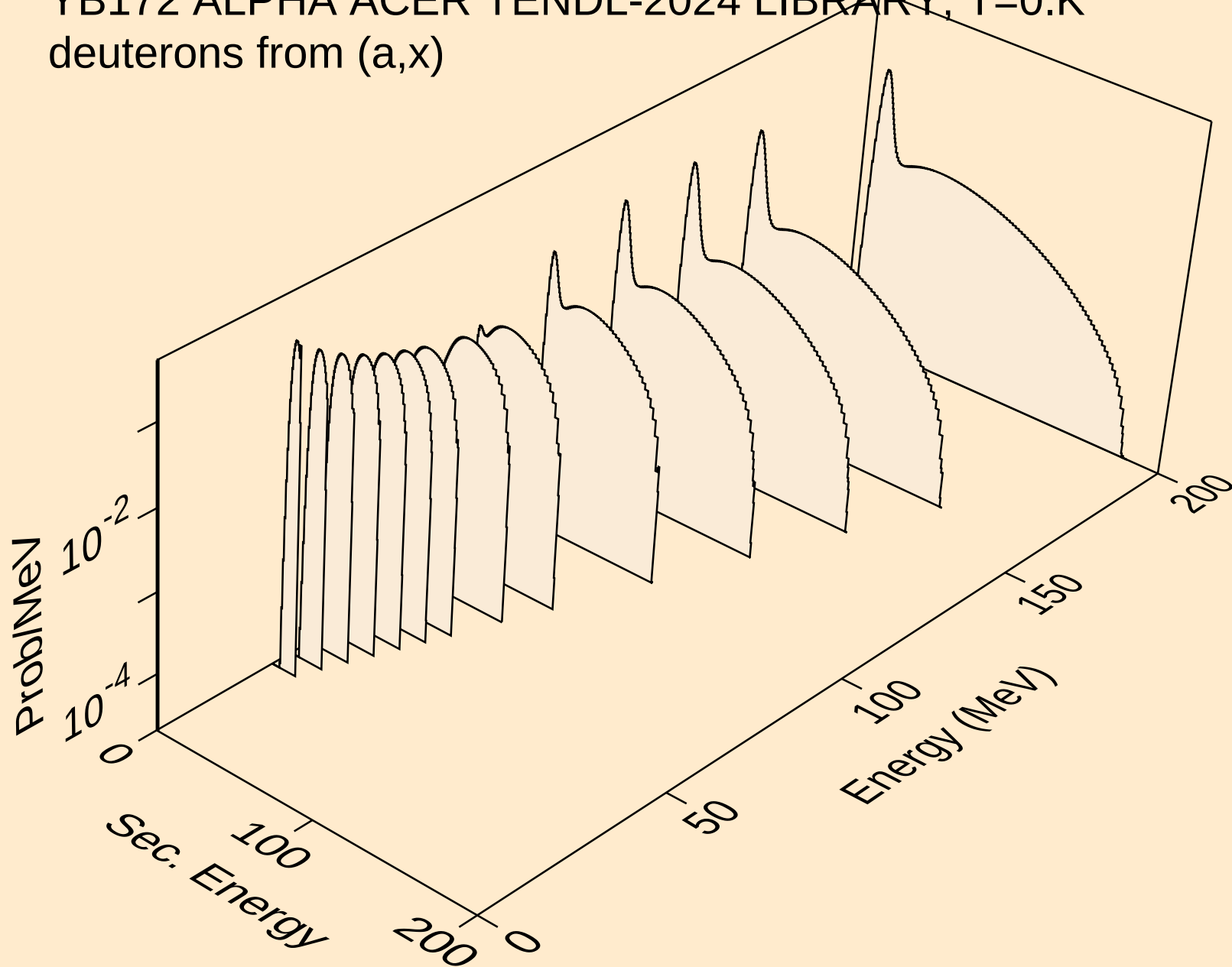
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



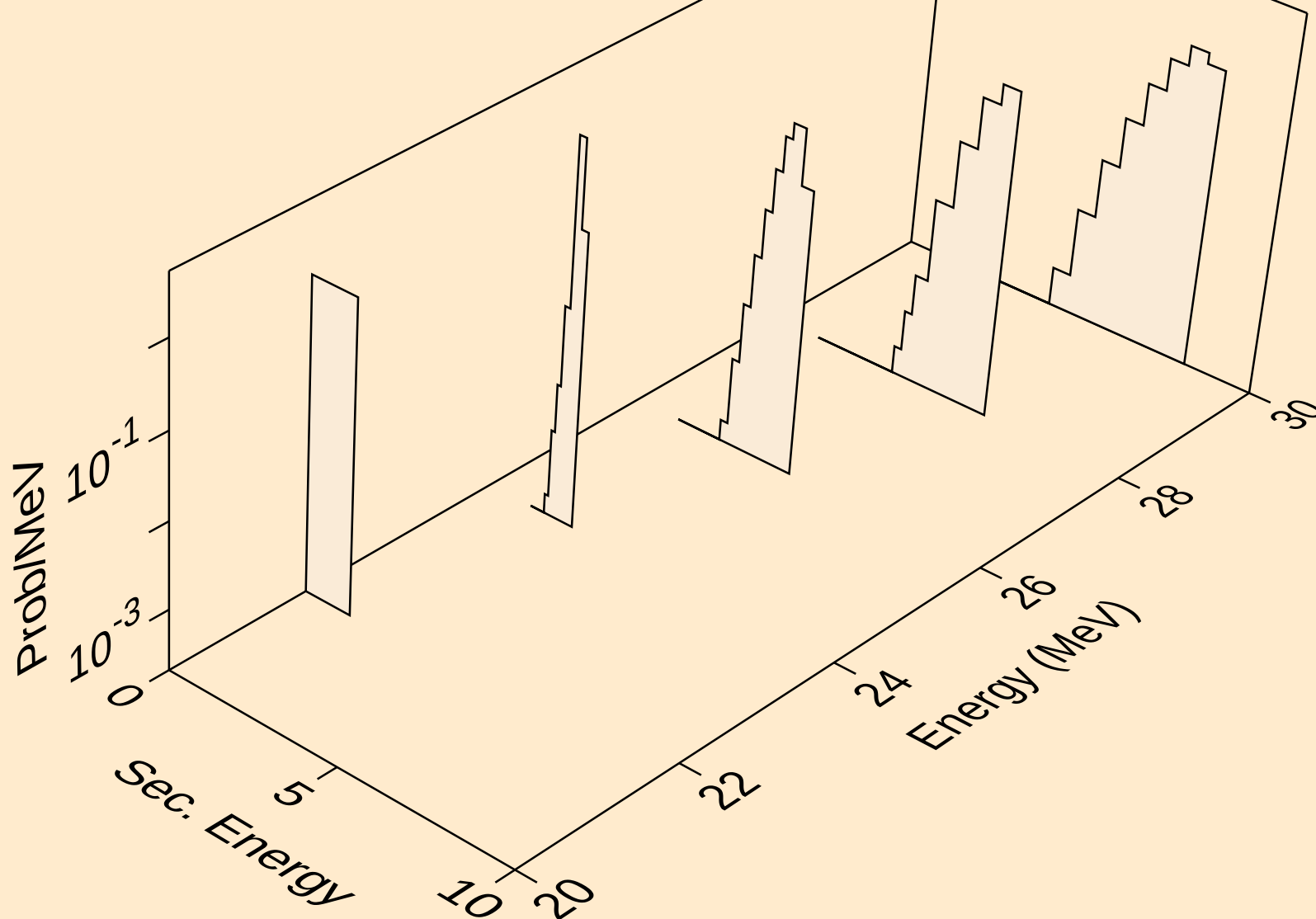
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protons from (a,2p)



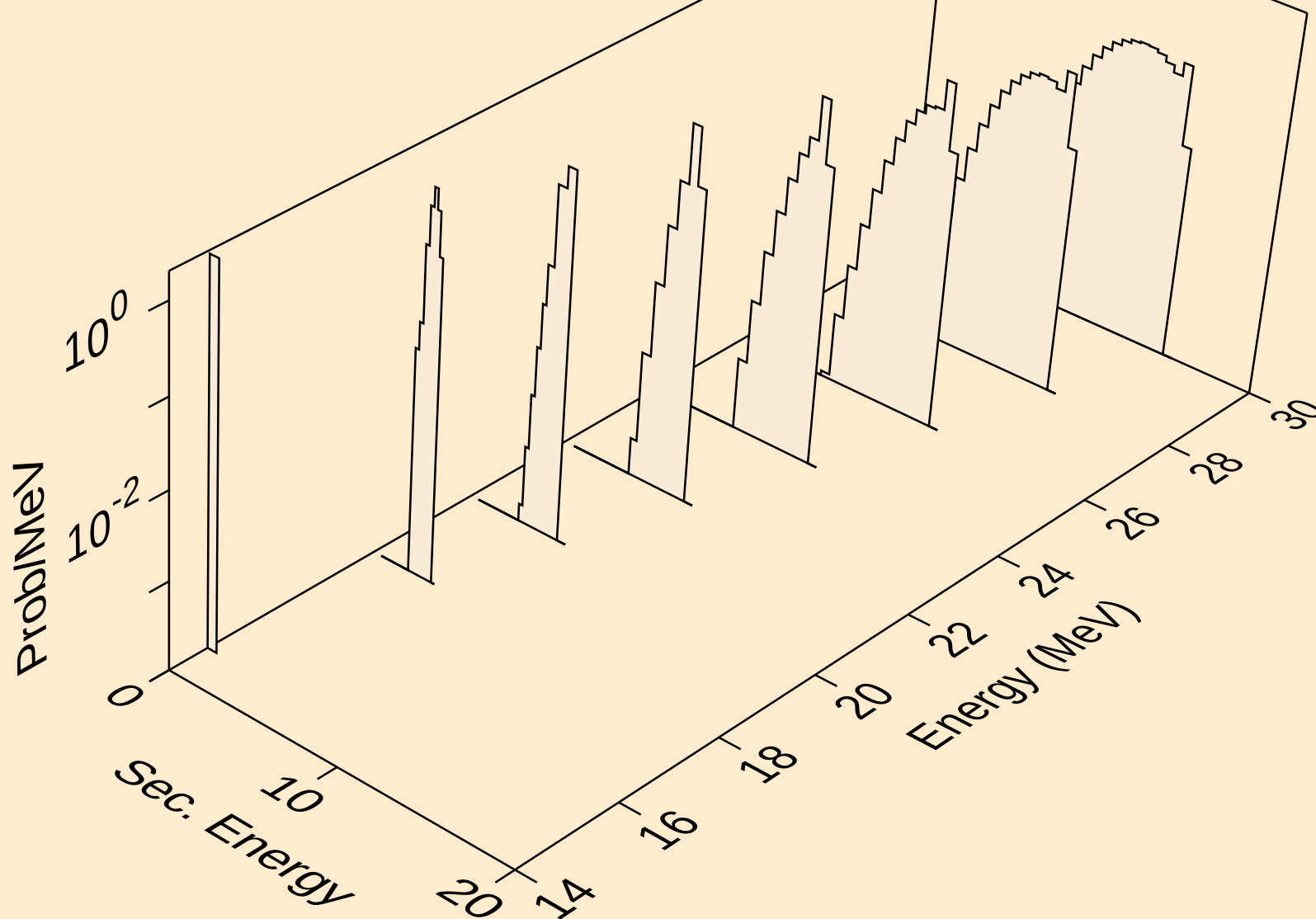
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



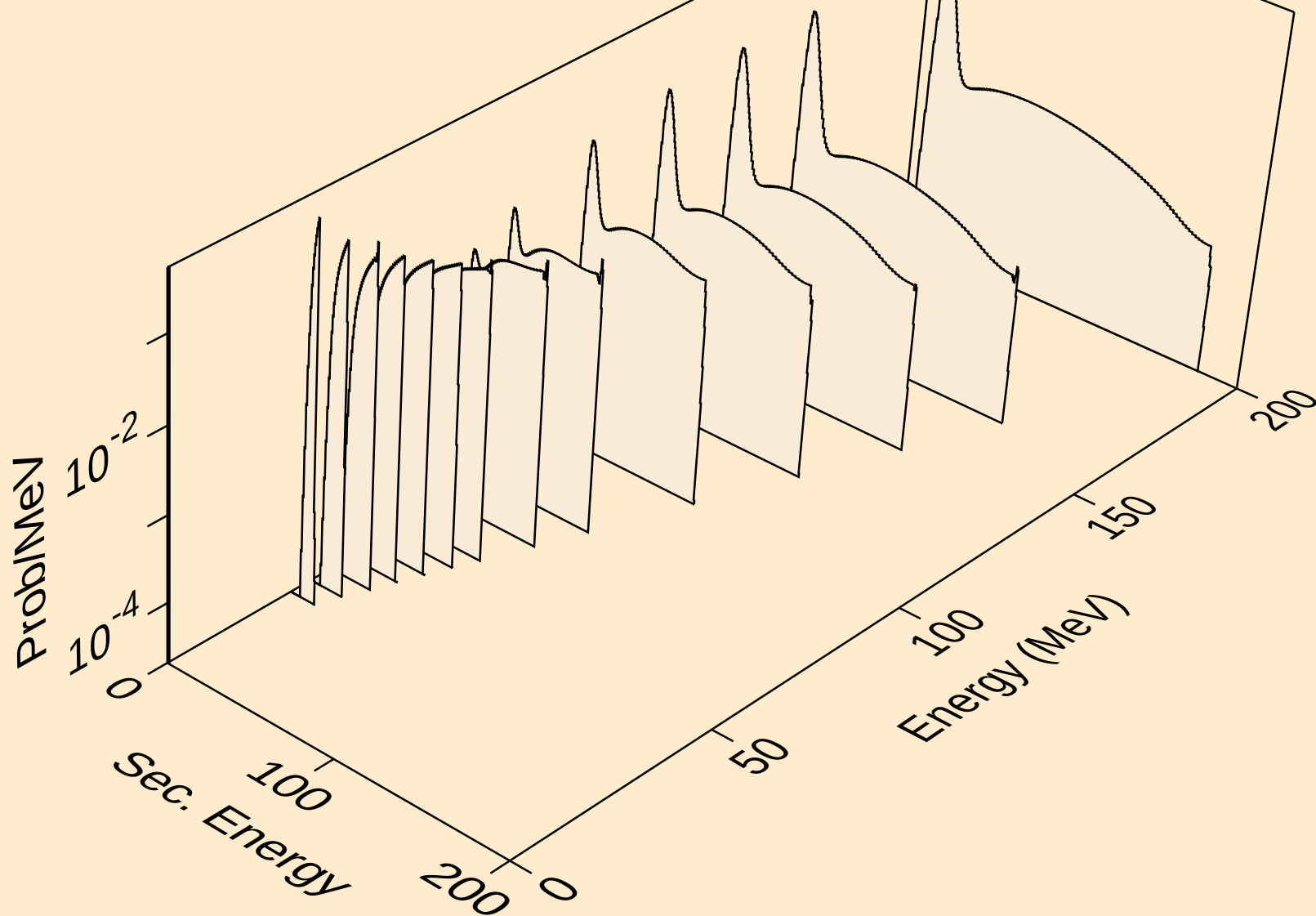
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



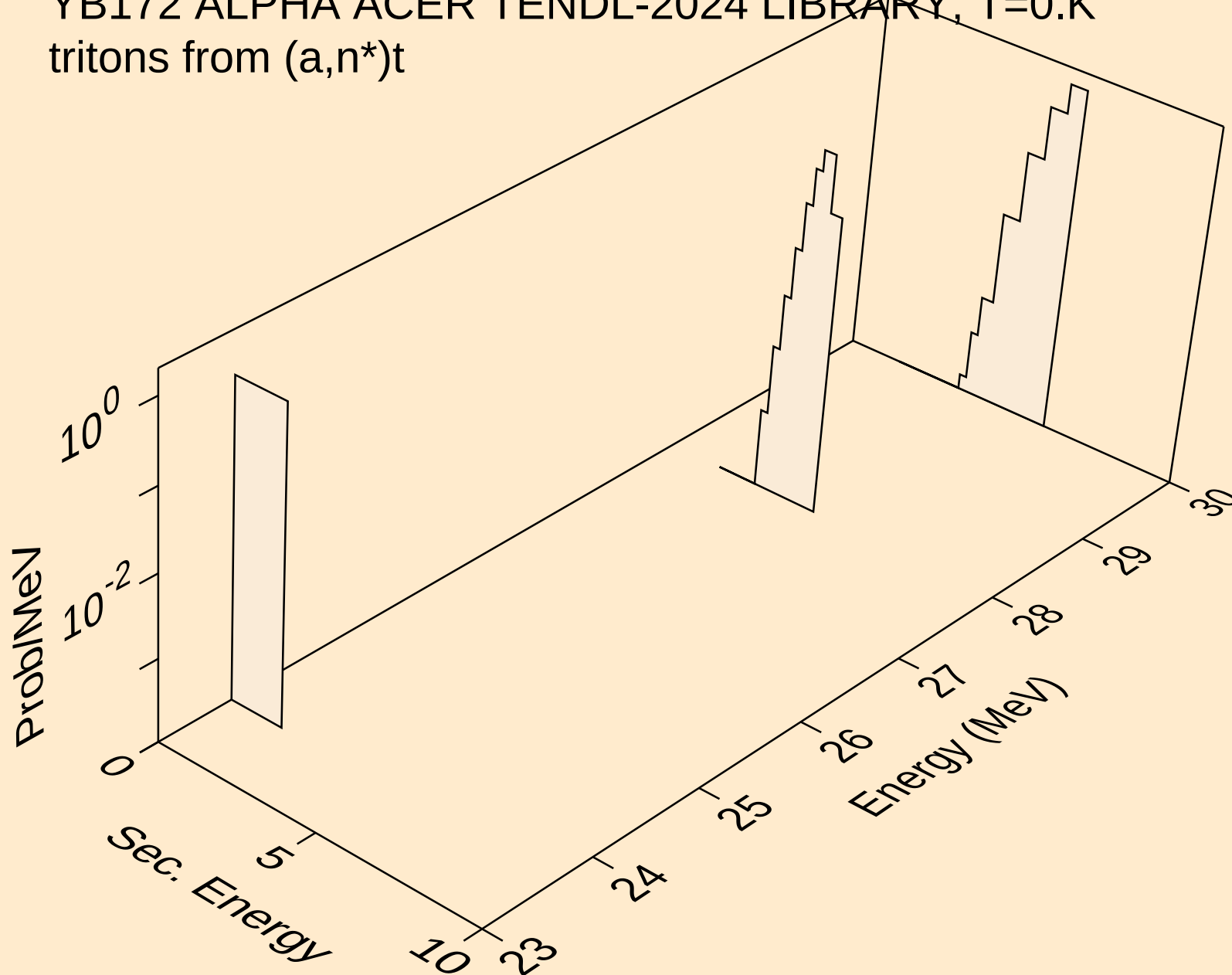
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



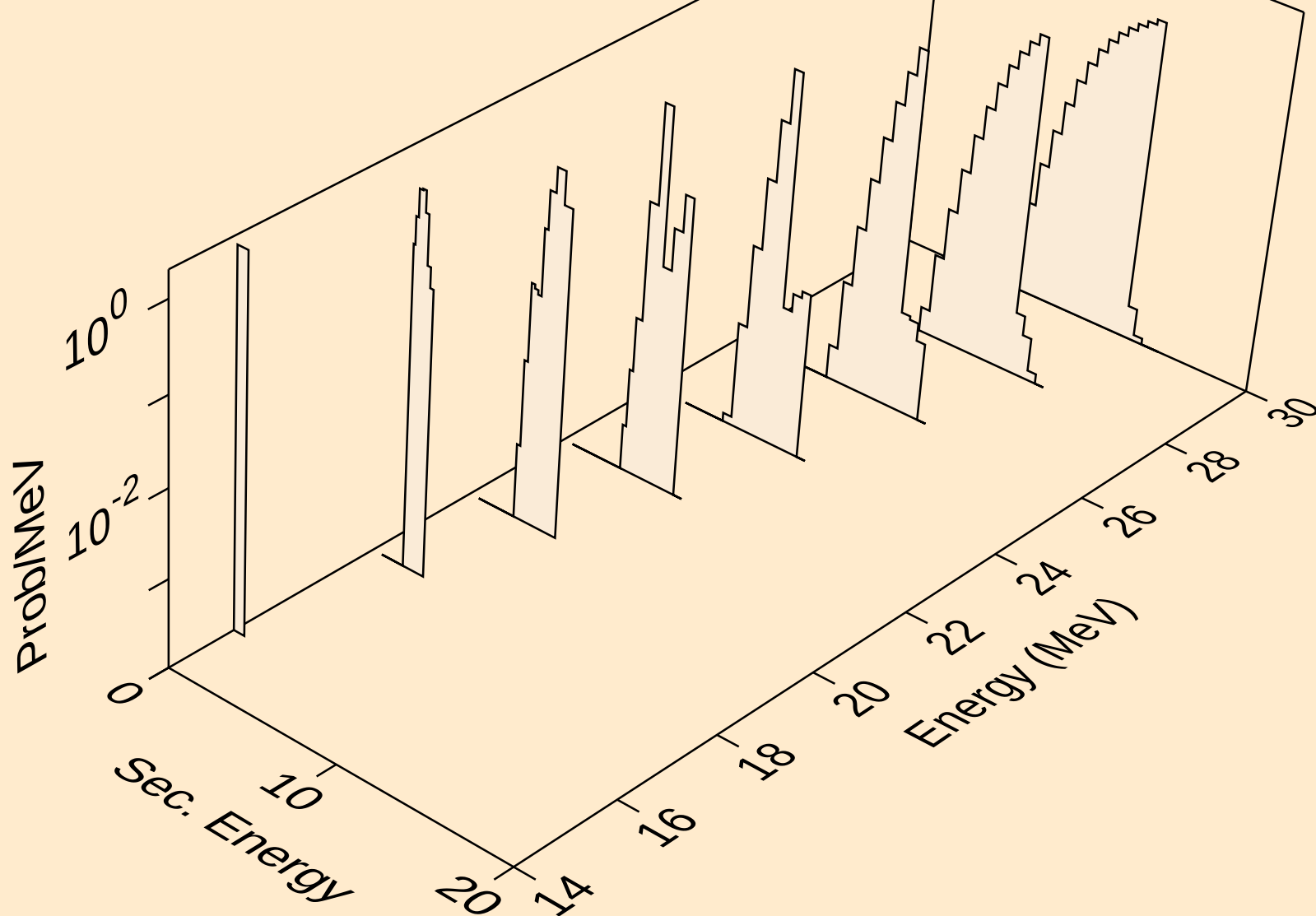
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



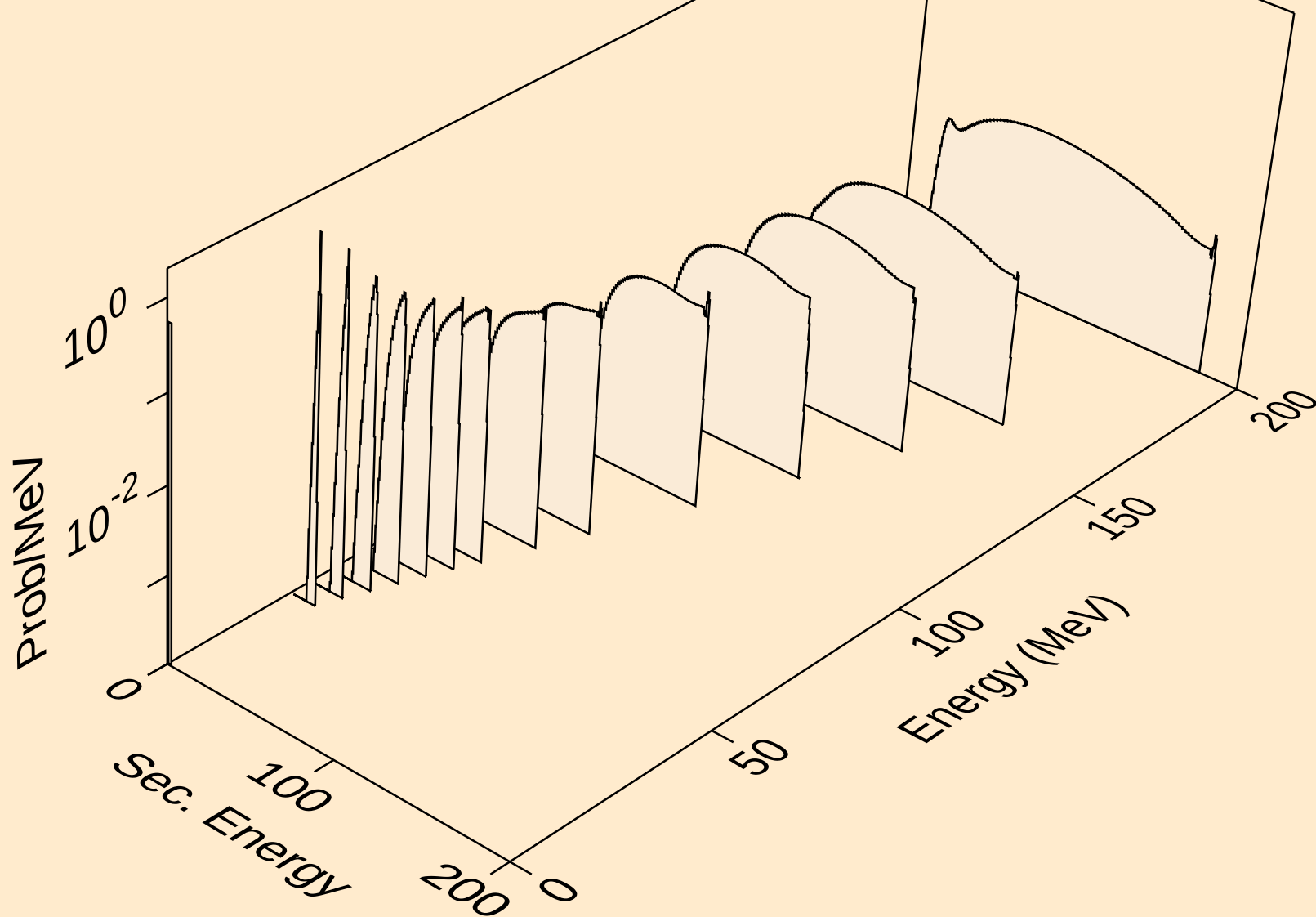
YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



YB172 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

