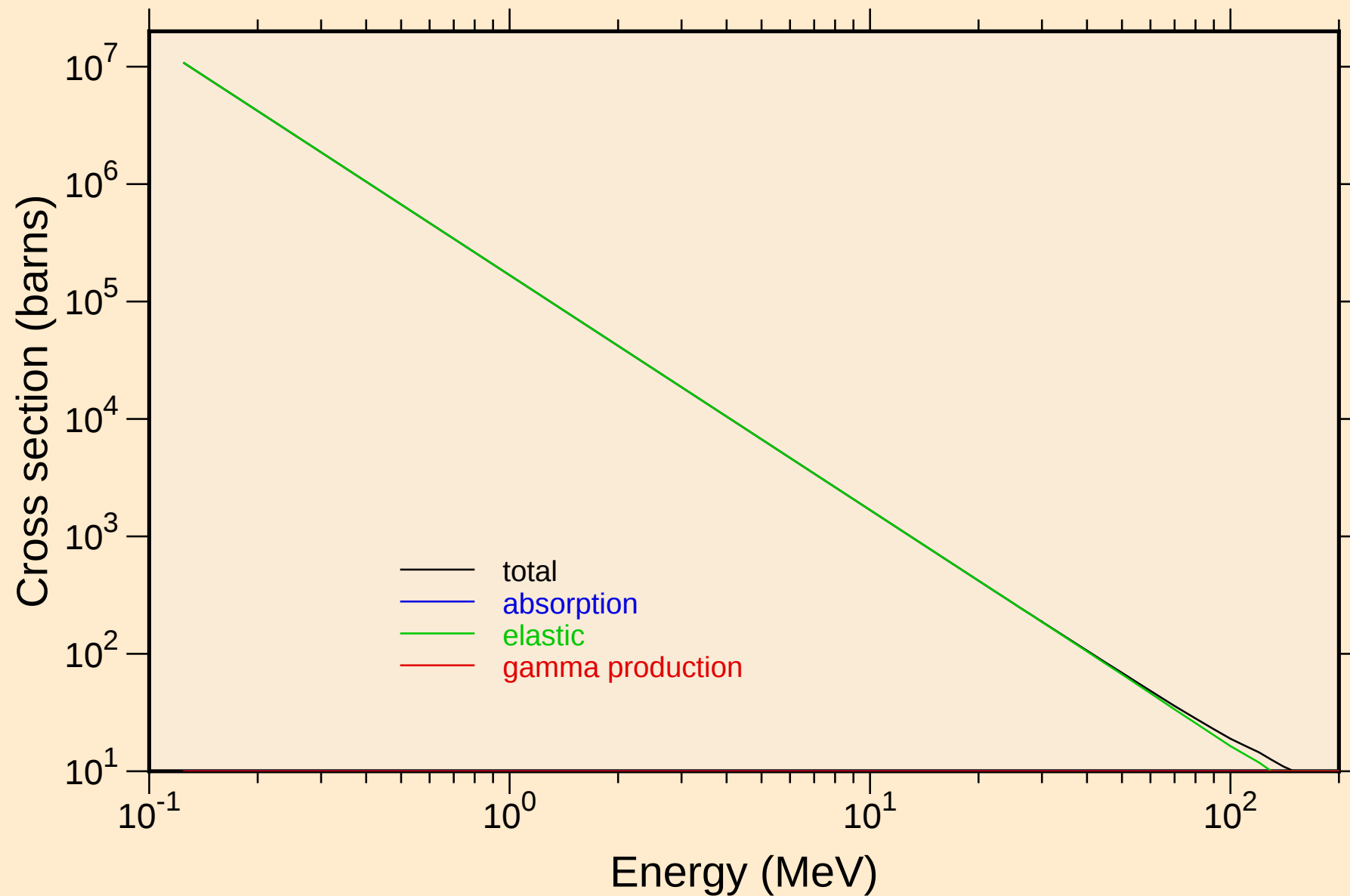


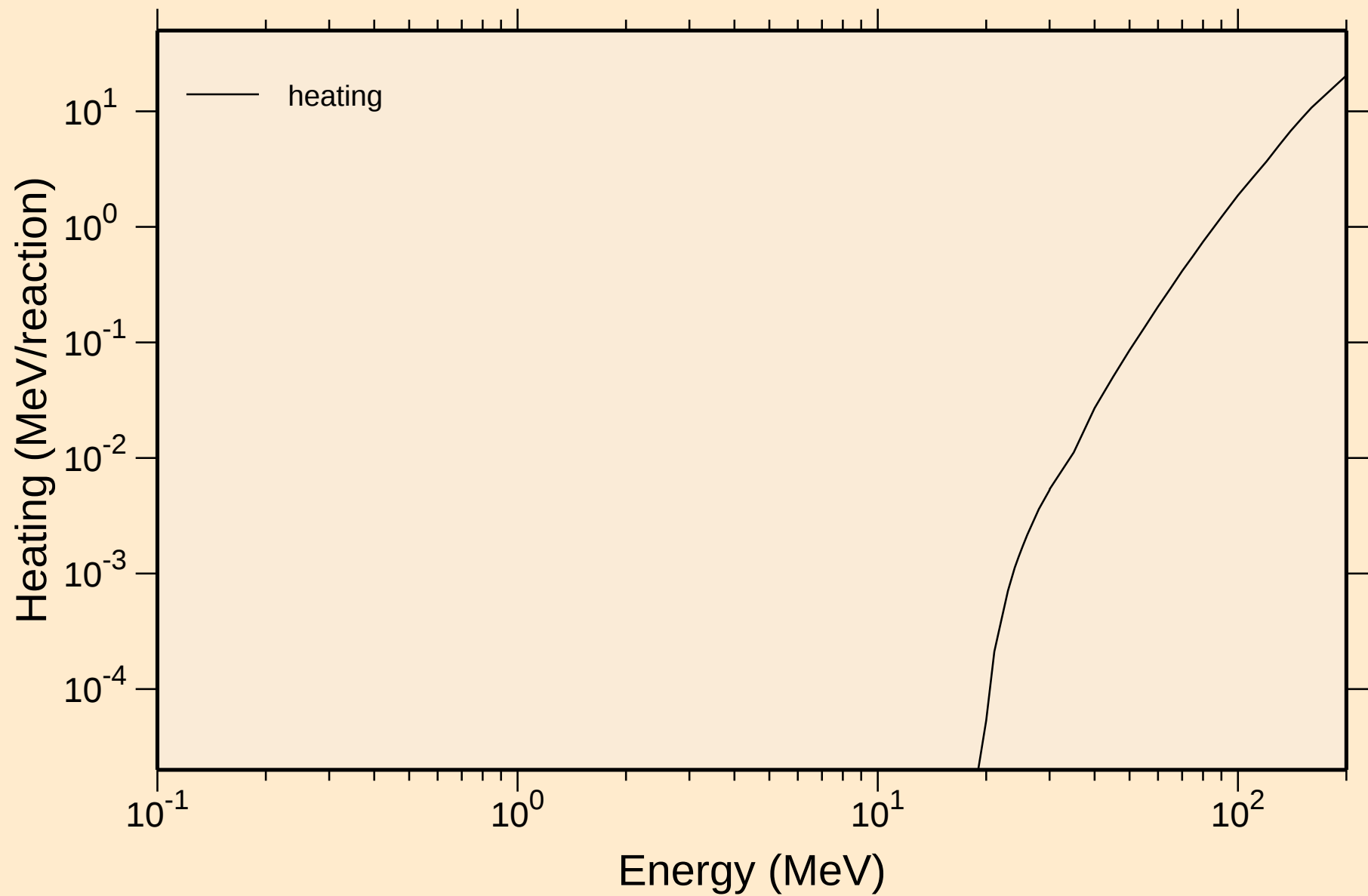
# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



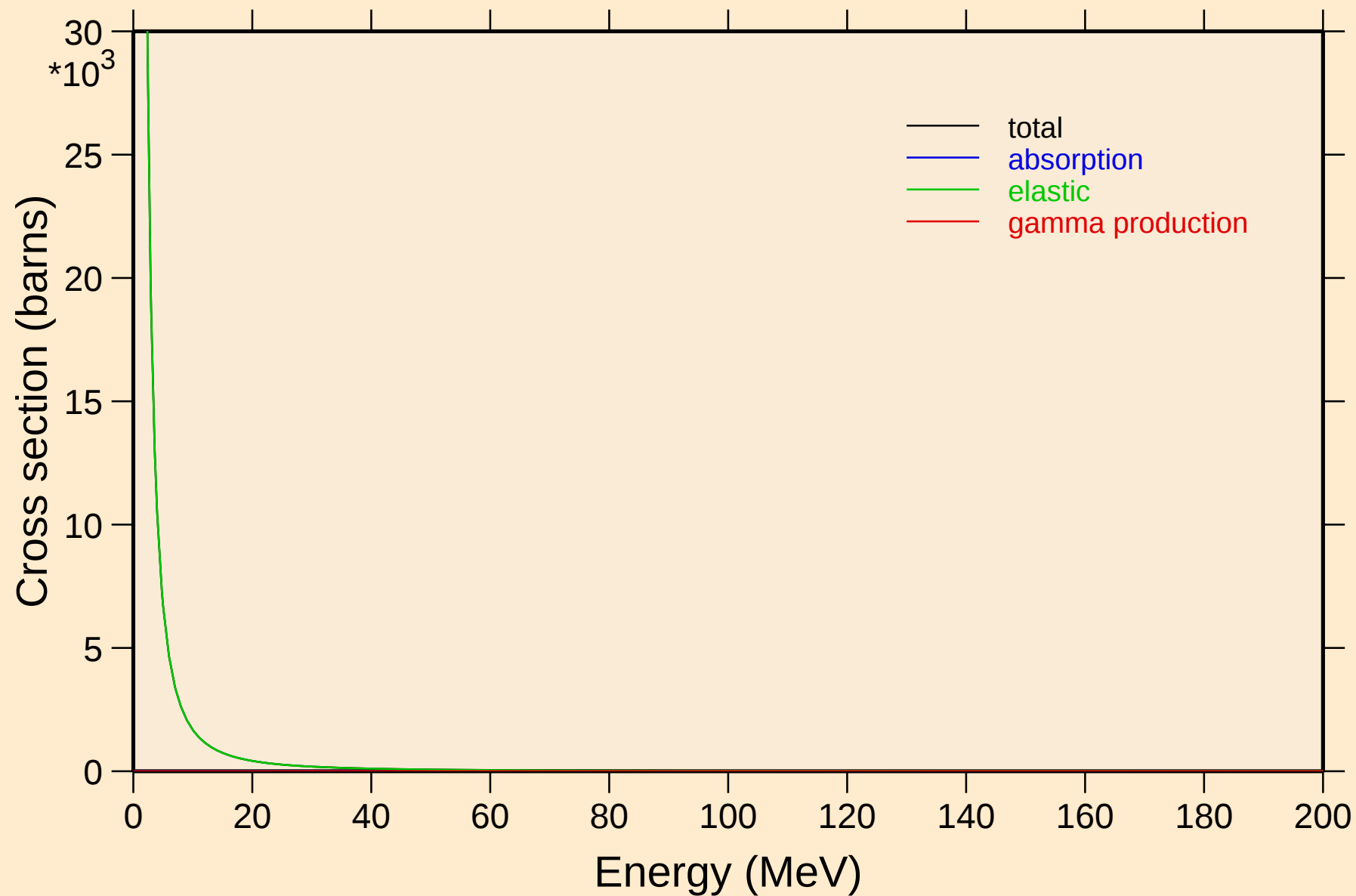
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



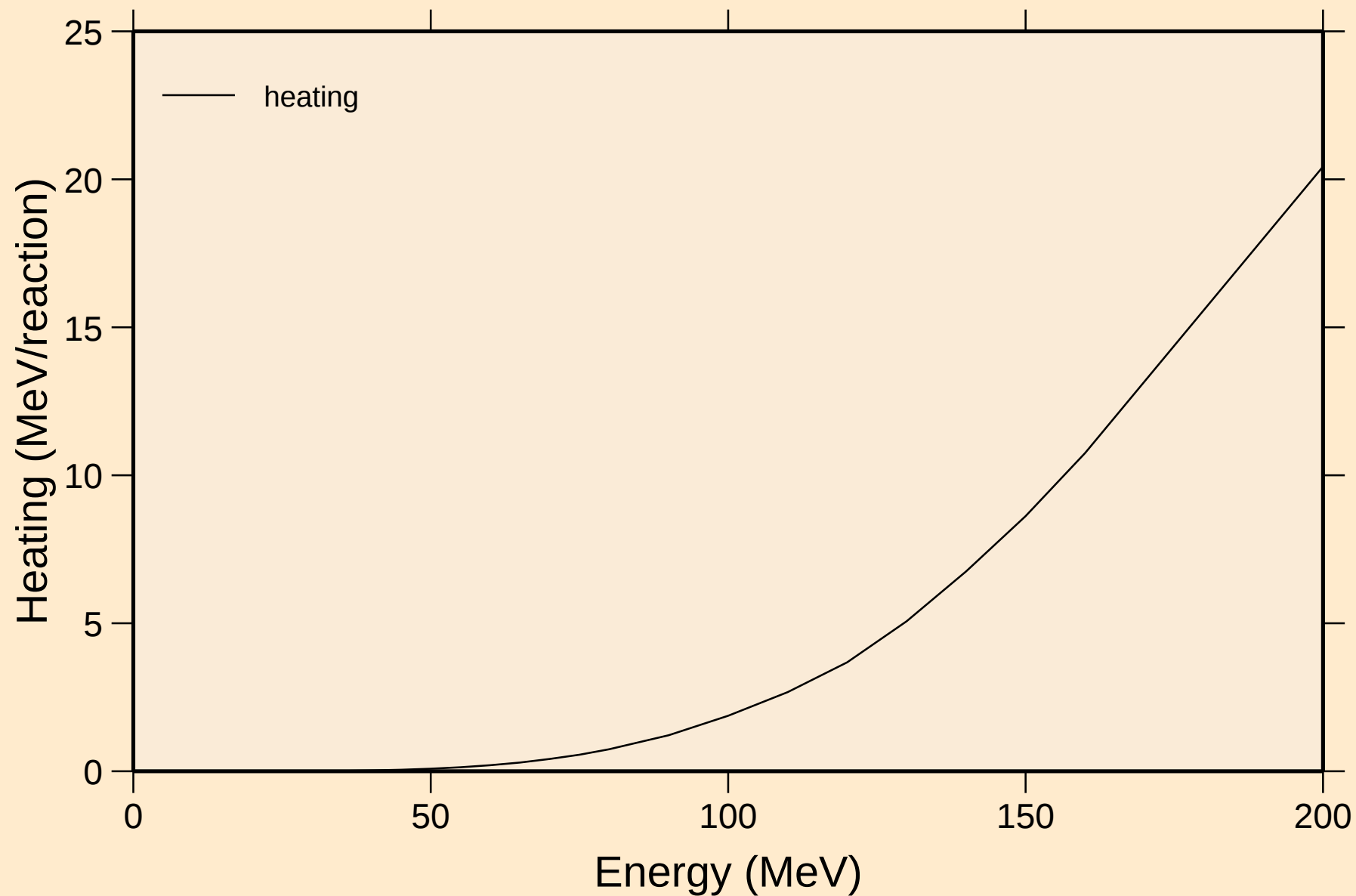
# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



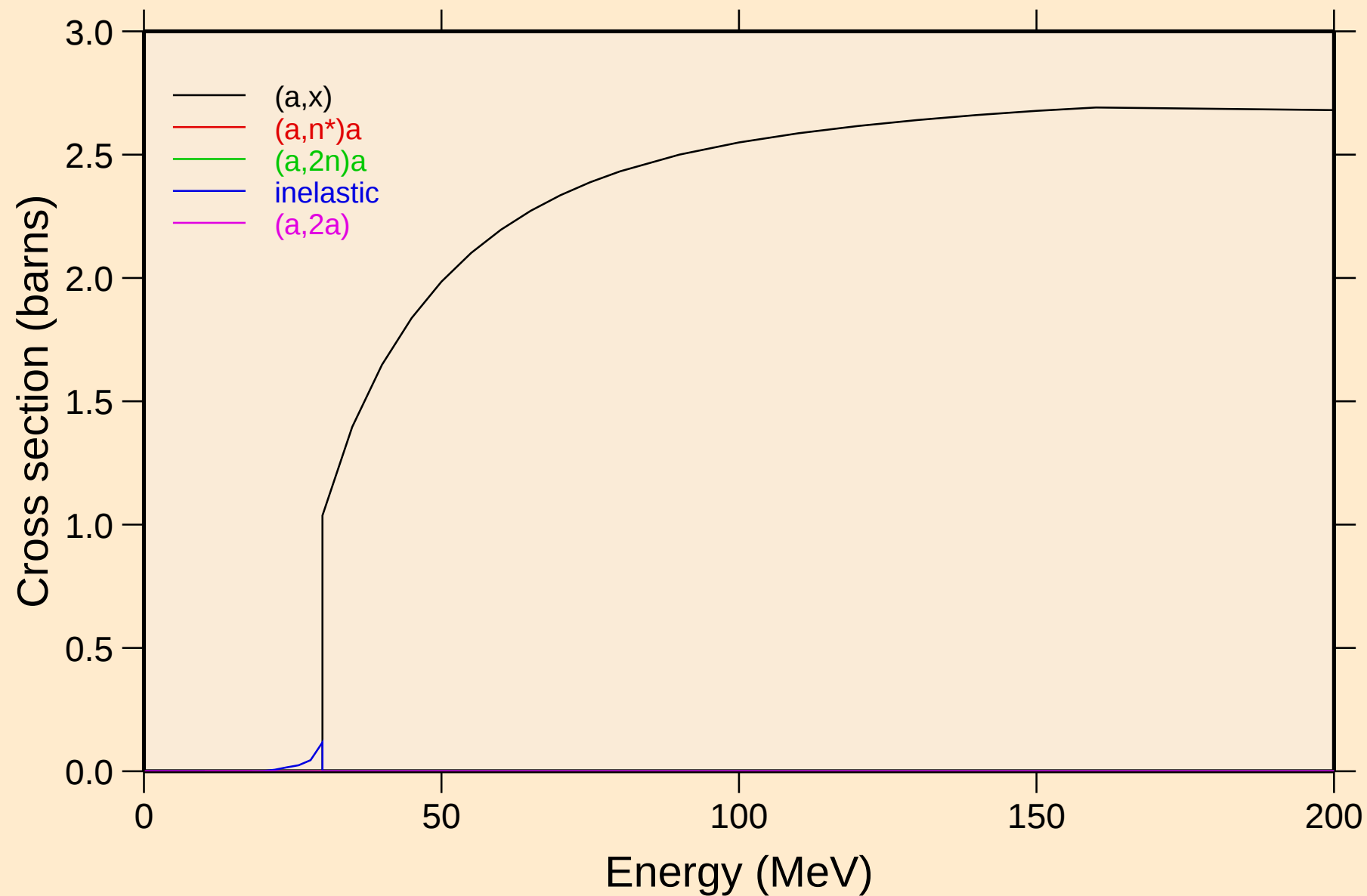
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



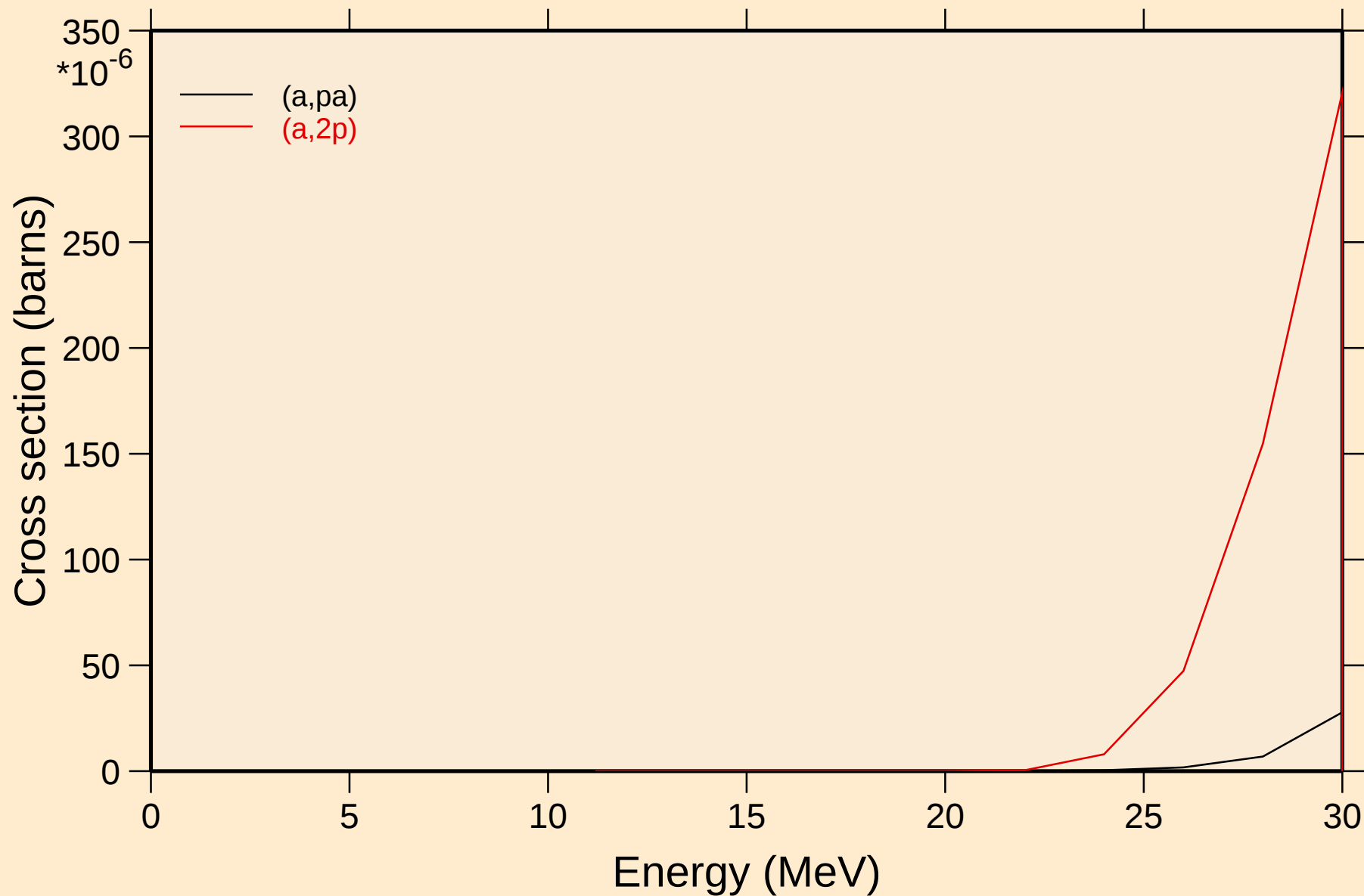
# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



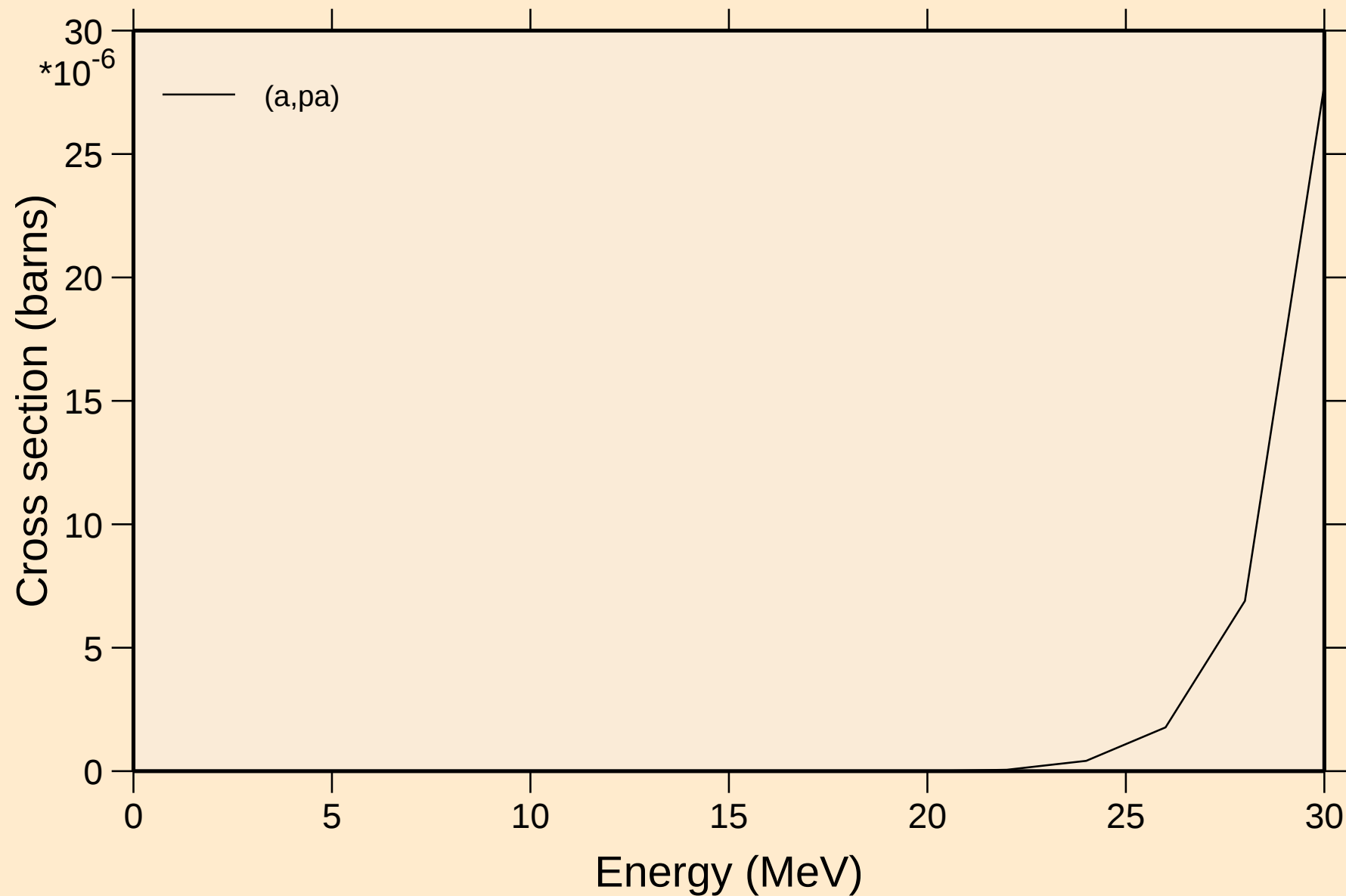
# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

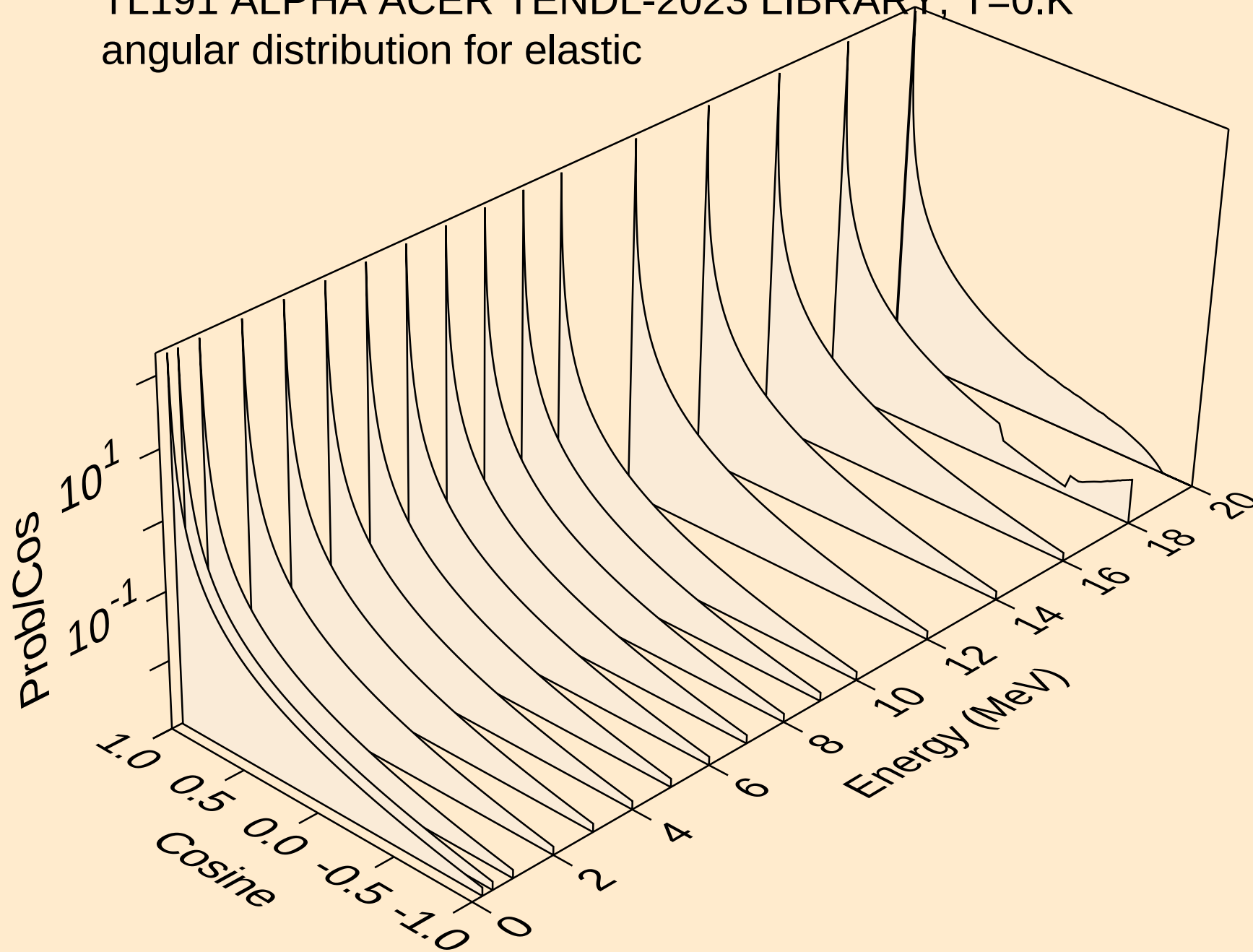


# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

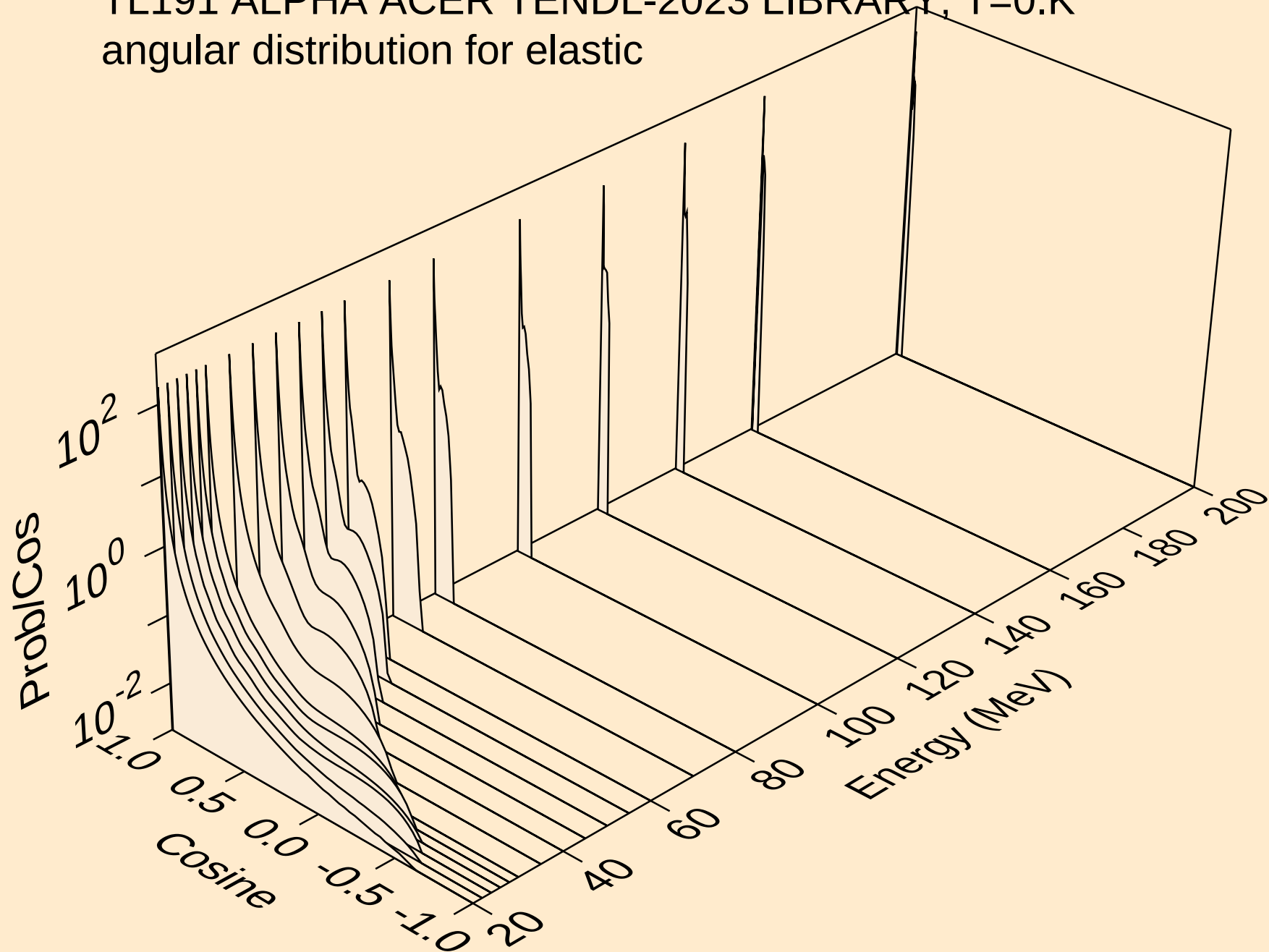
Threshold reactions



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

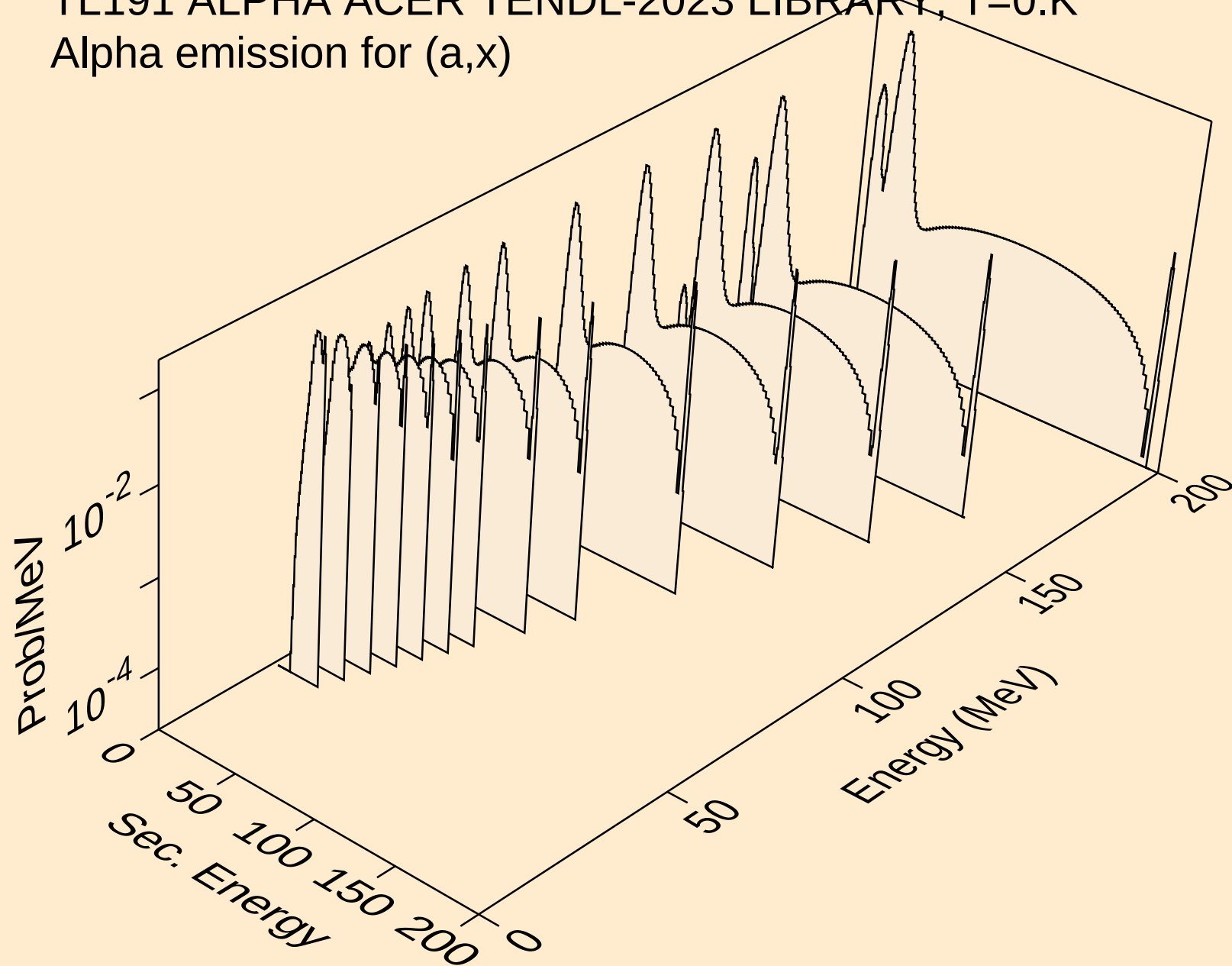


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



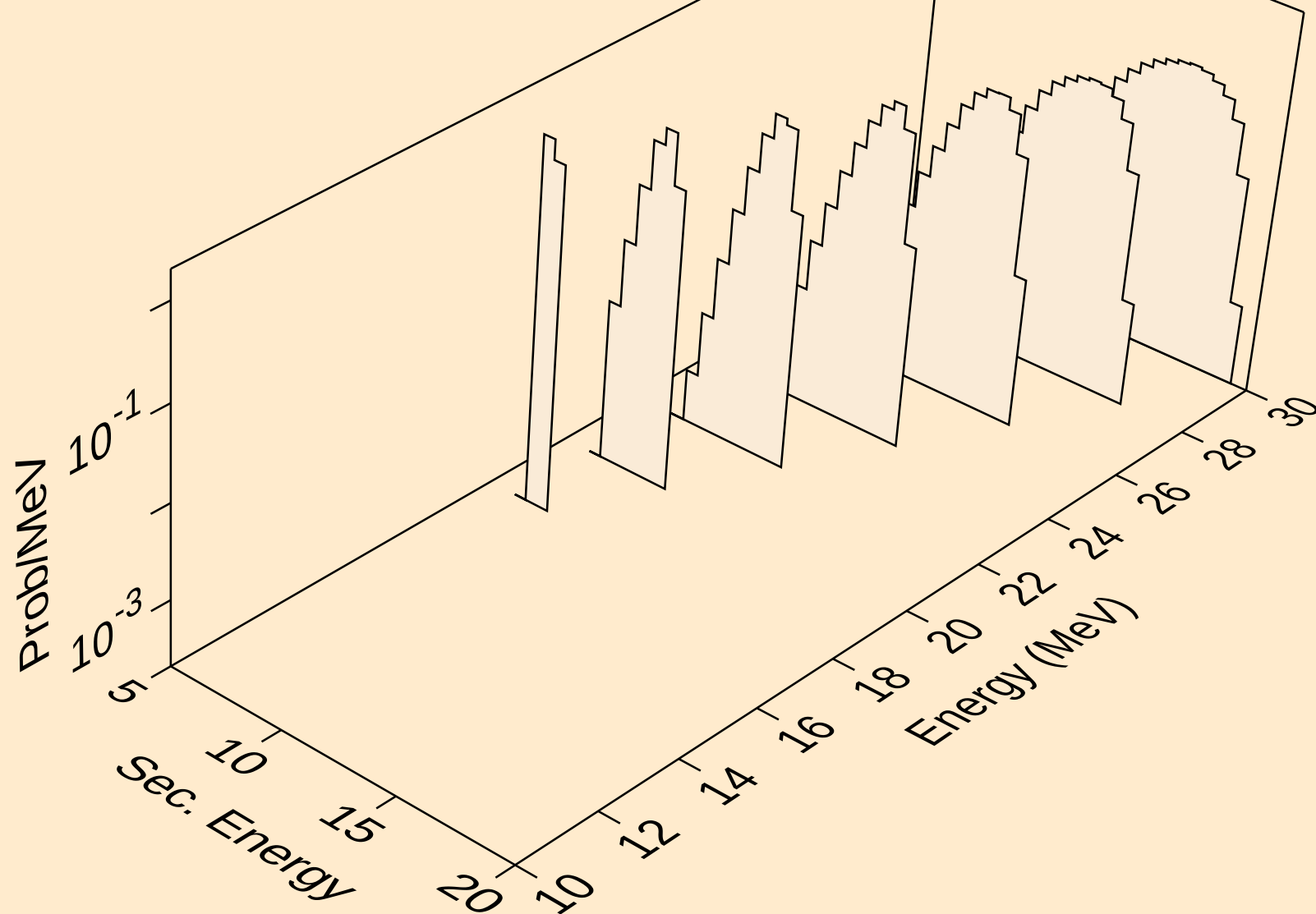
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



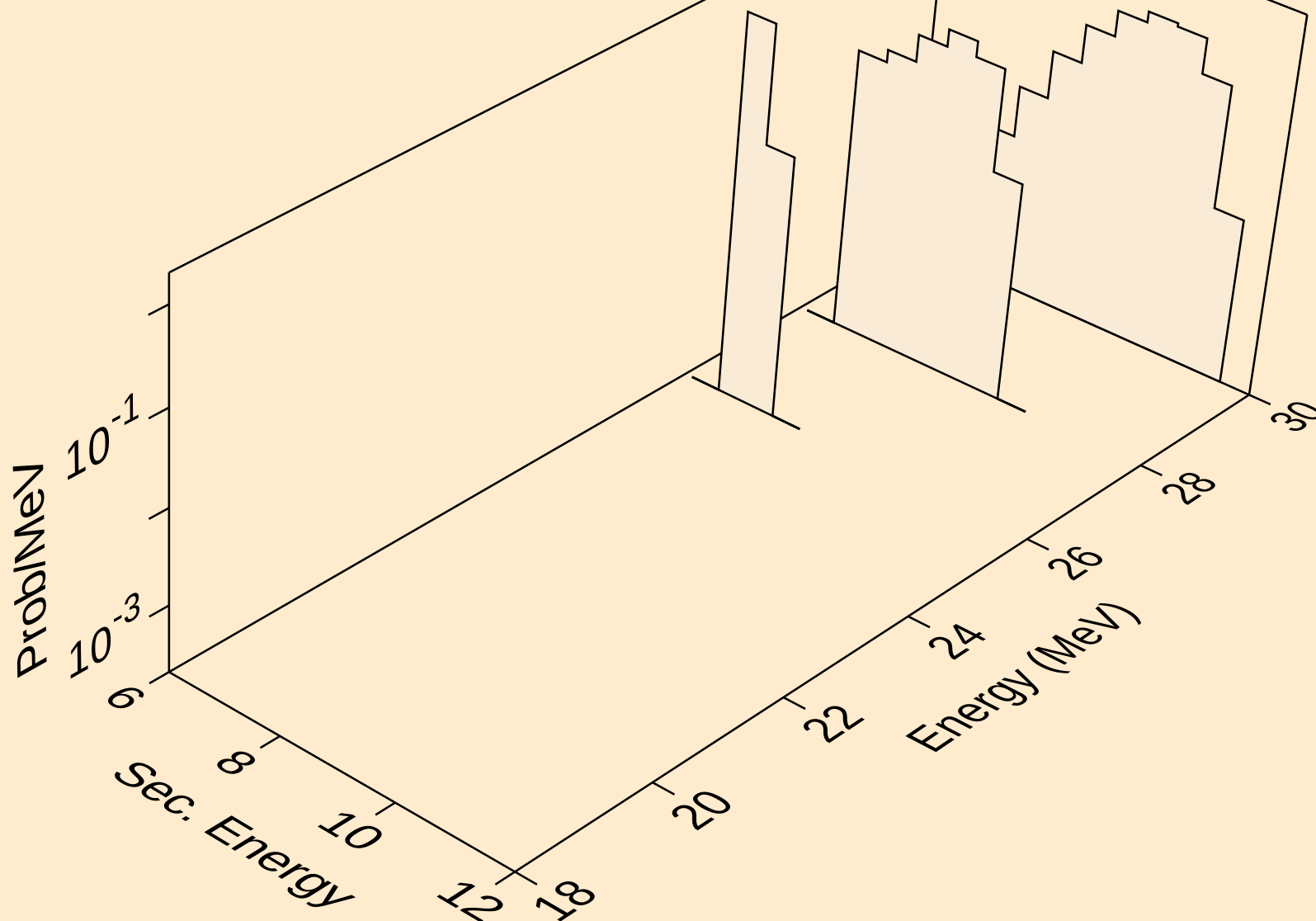
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



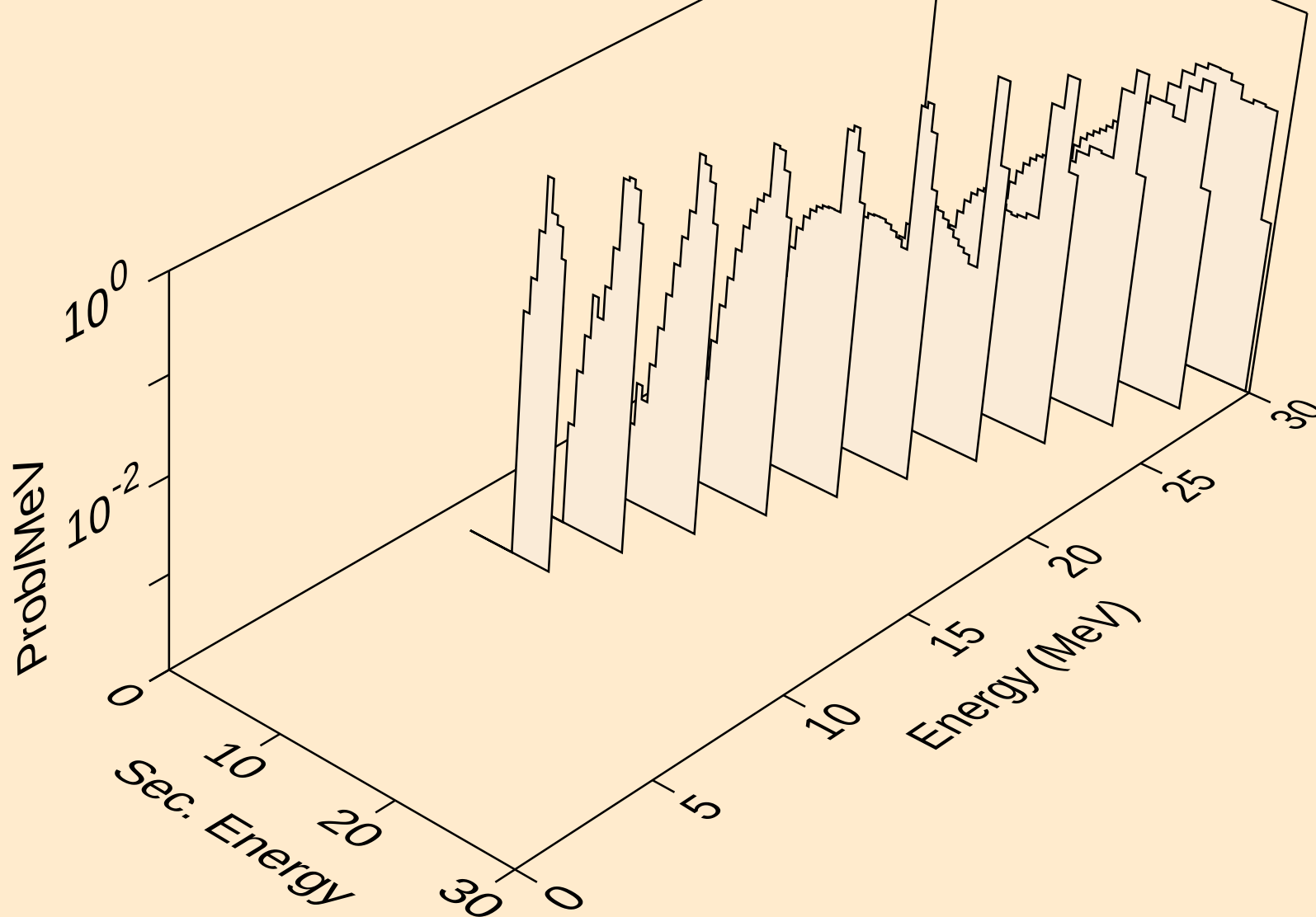
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



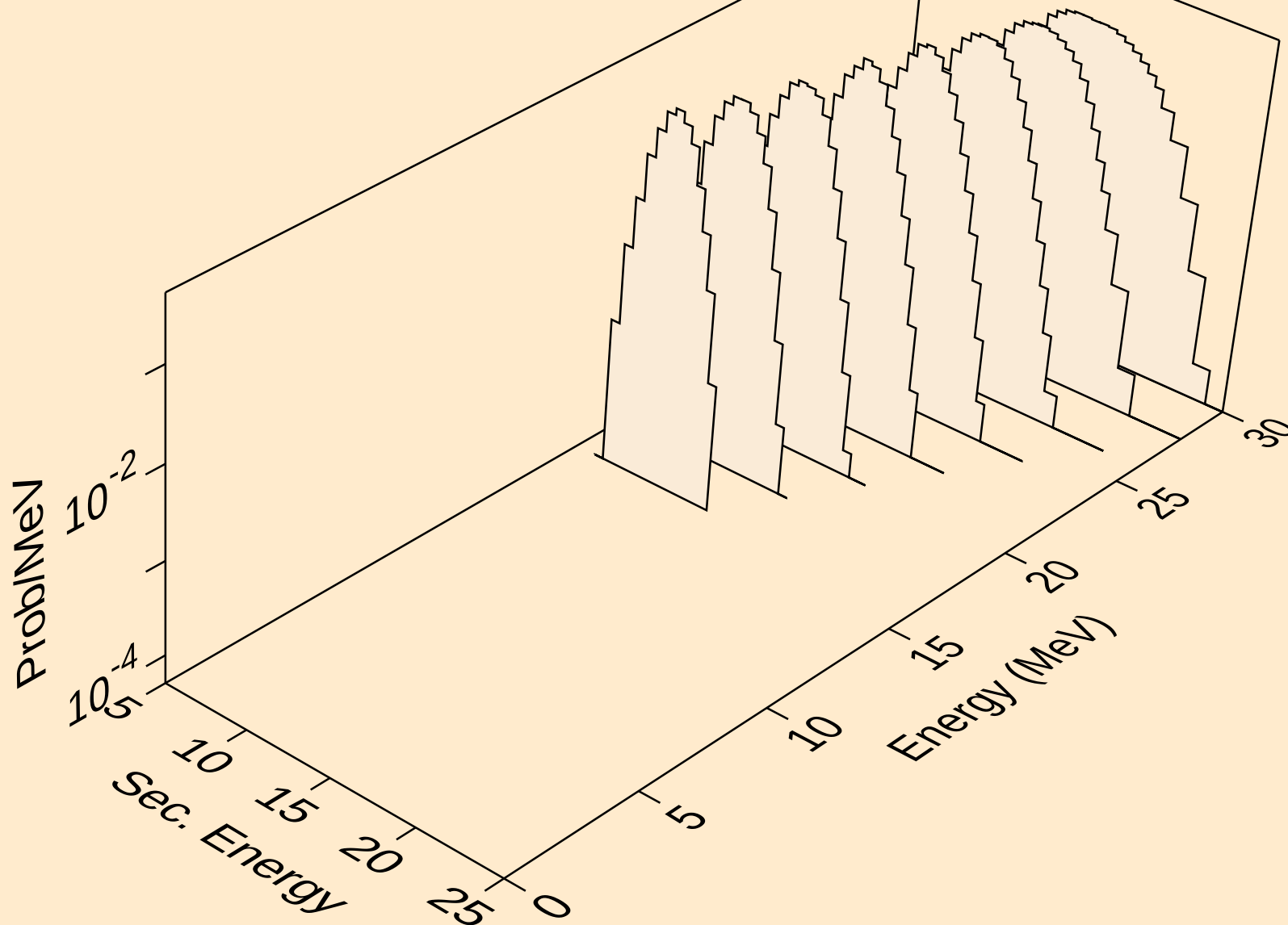
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

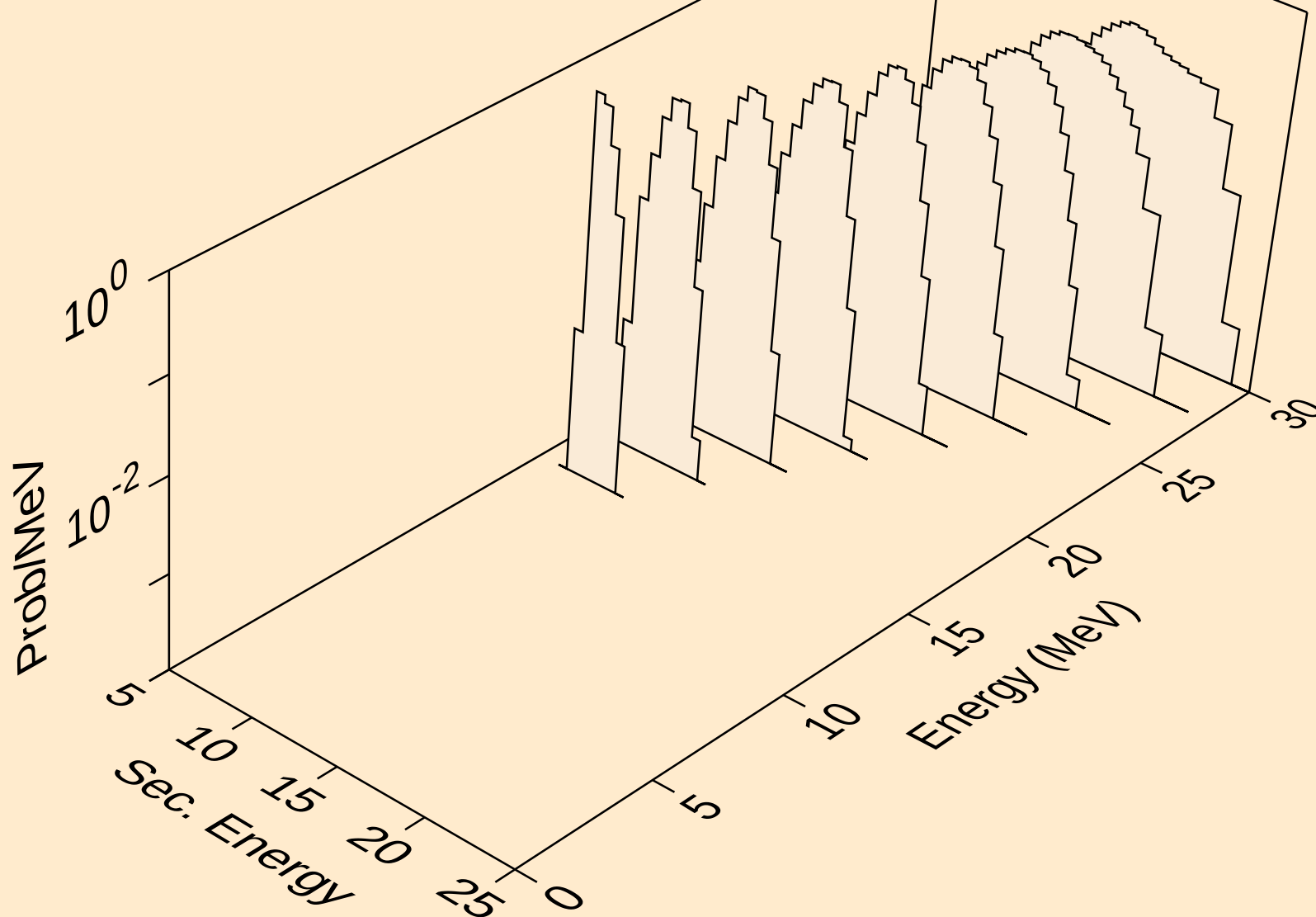


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

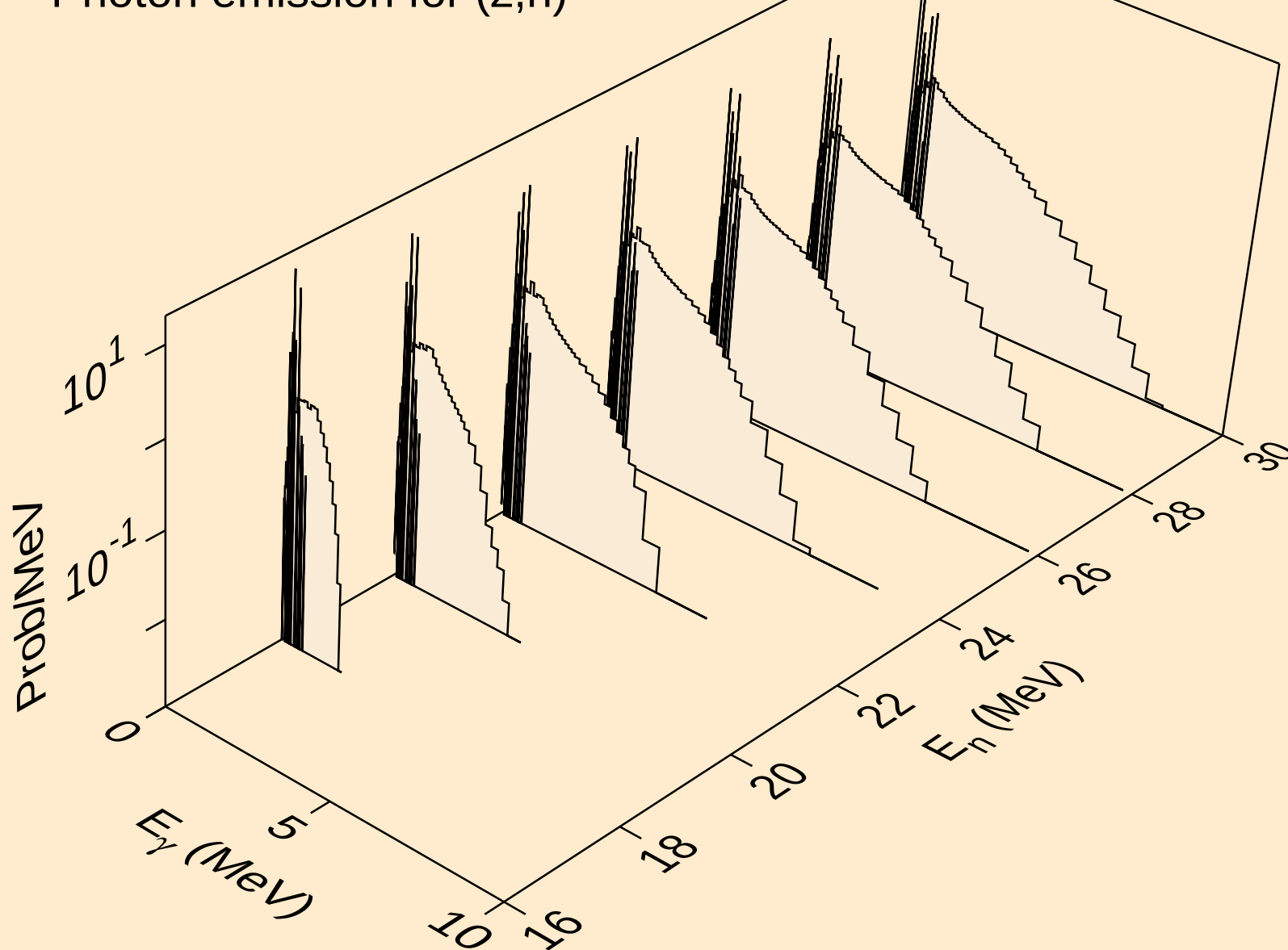
Alpha emission for (a,2a)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

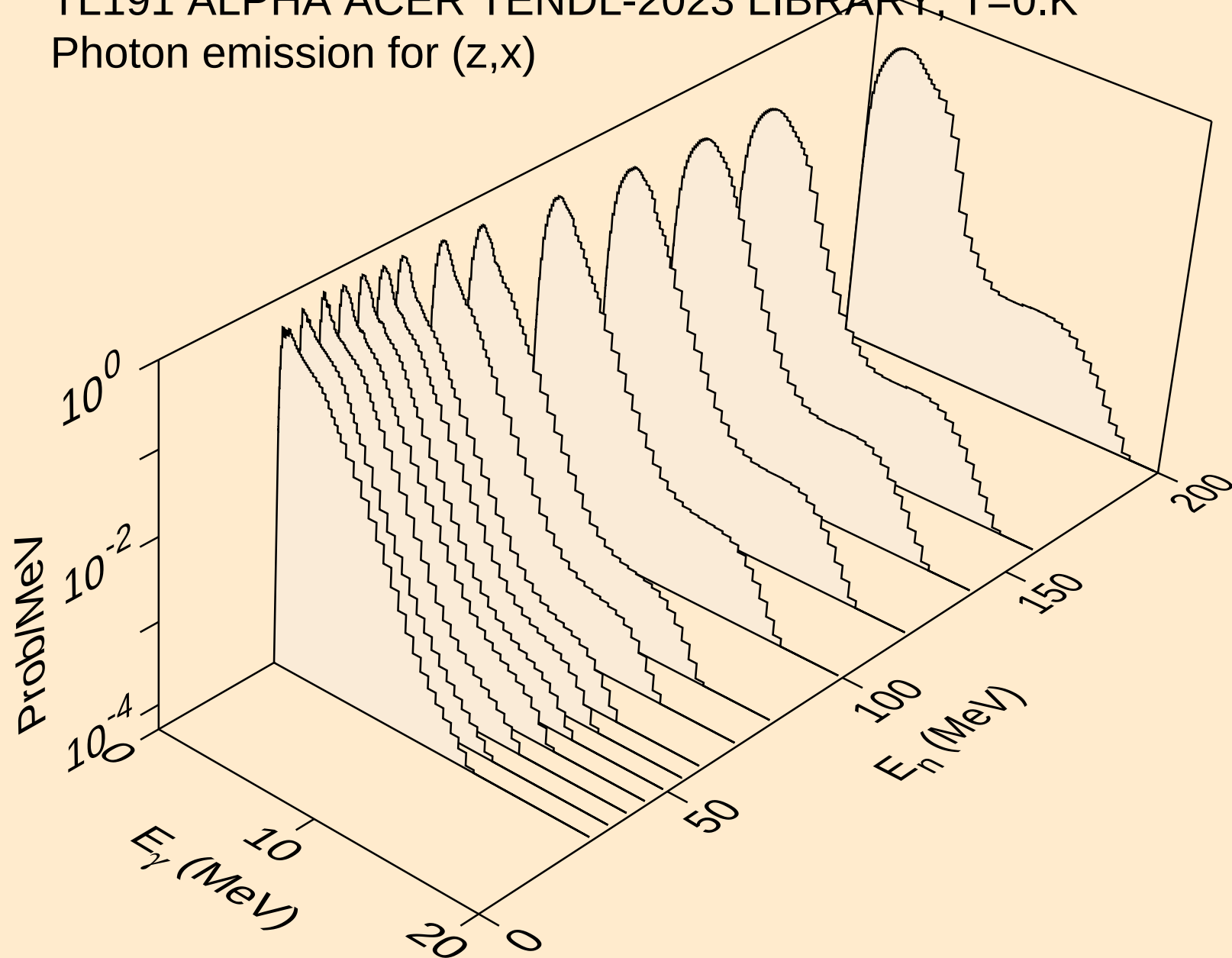


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

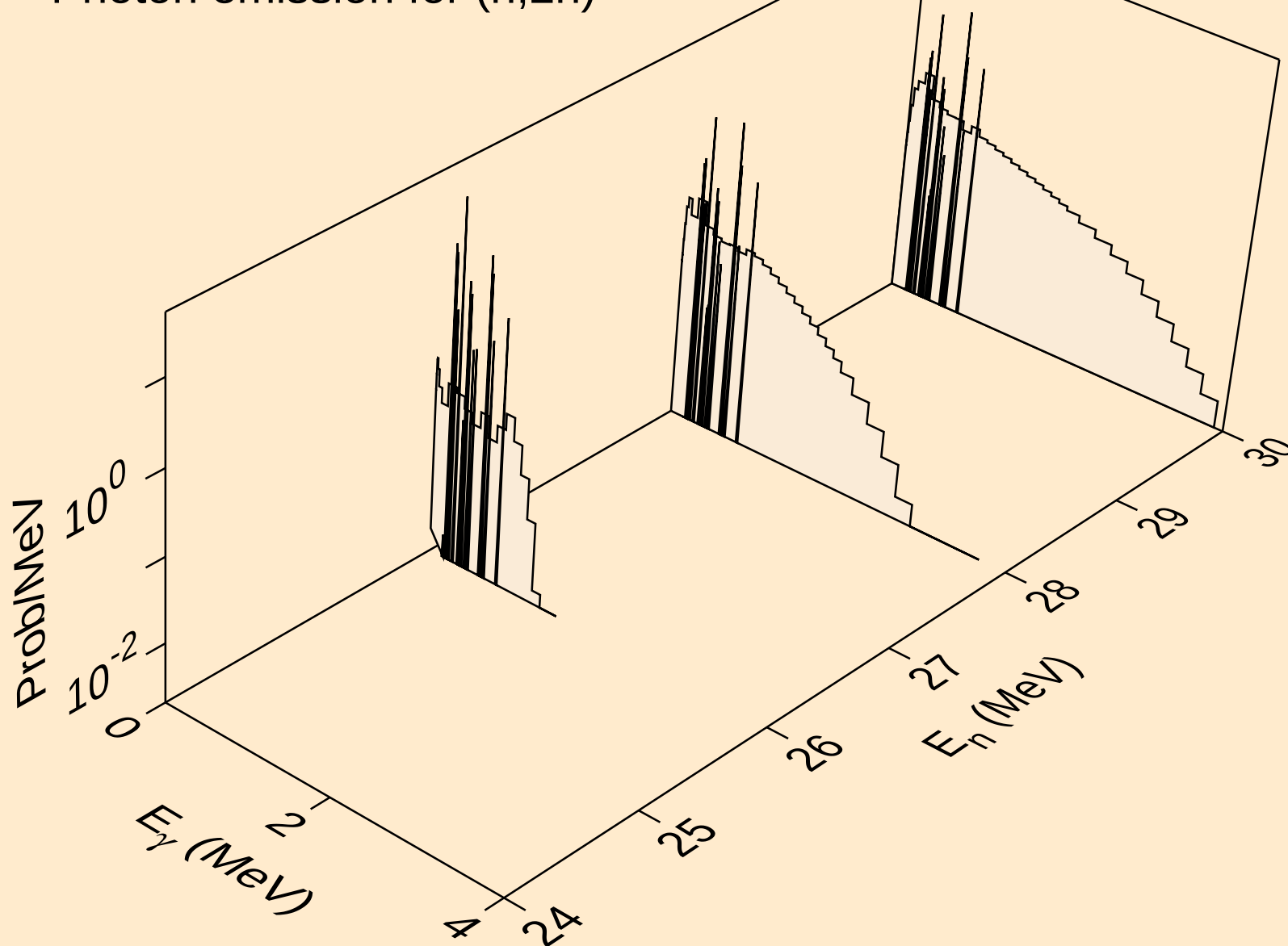


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

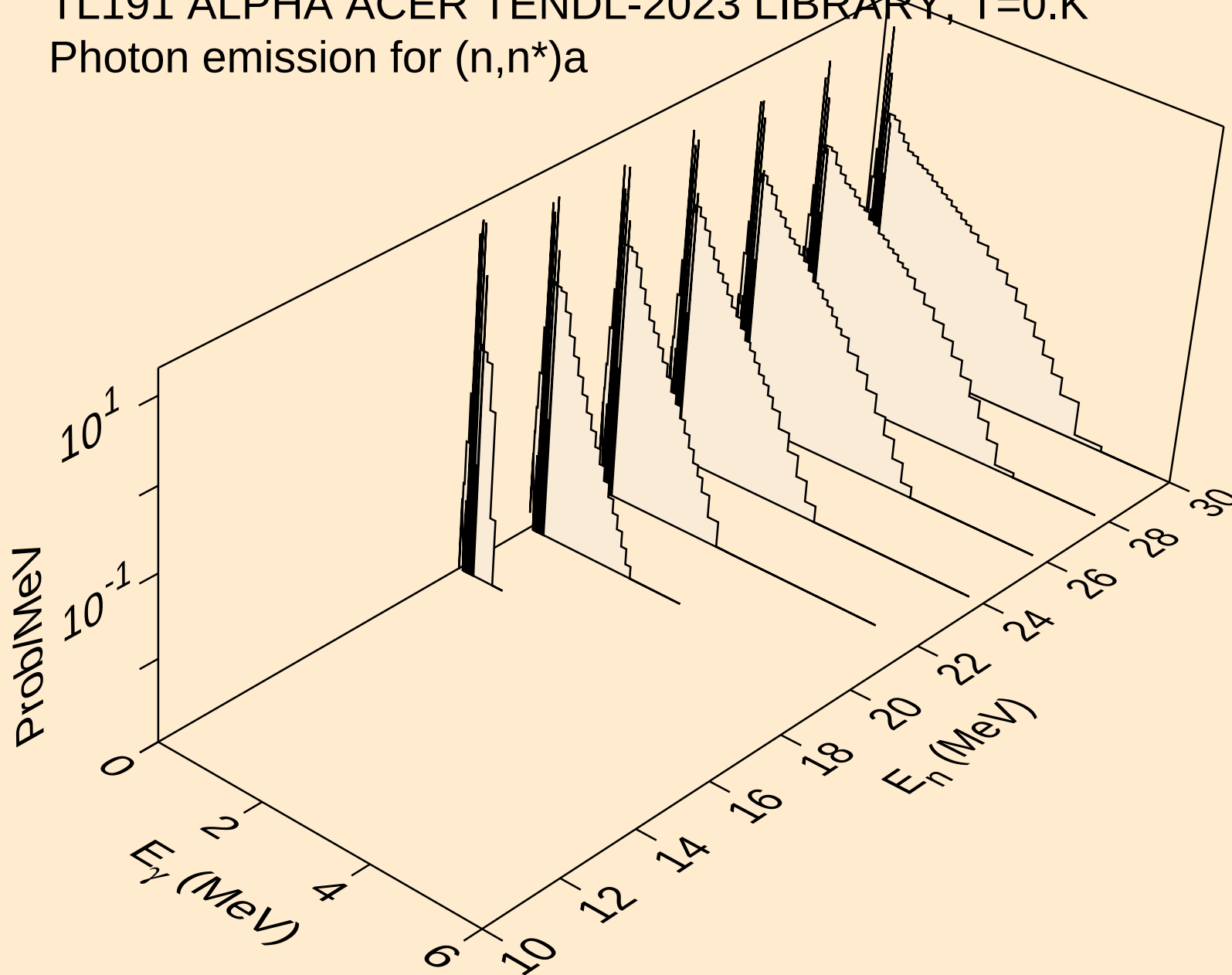


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



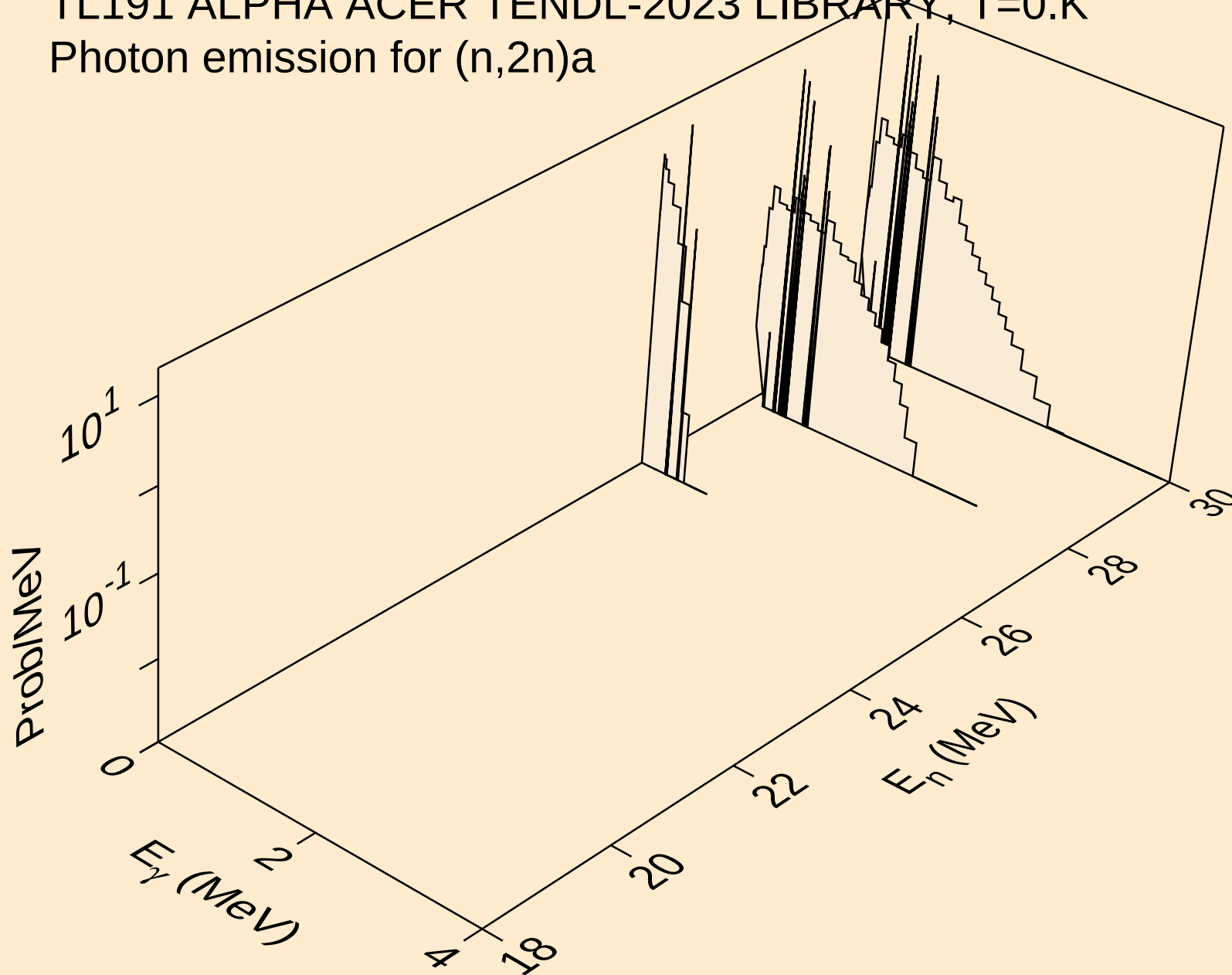
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



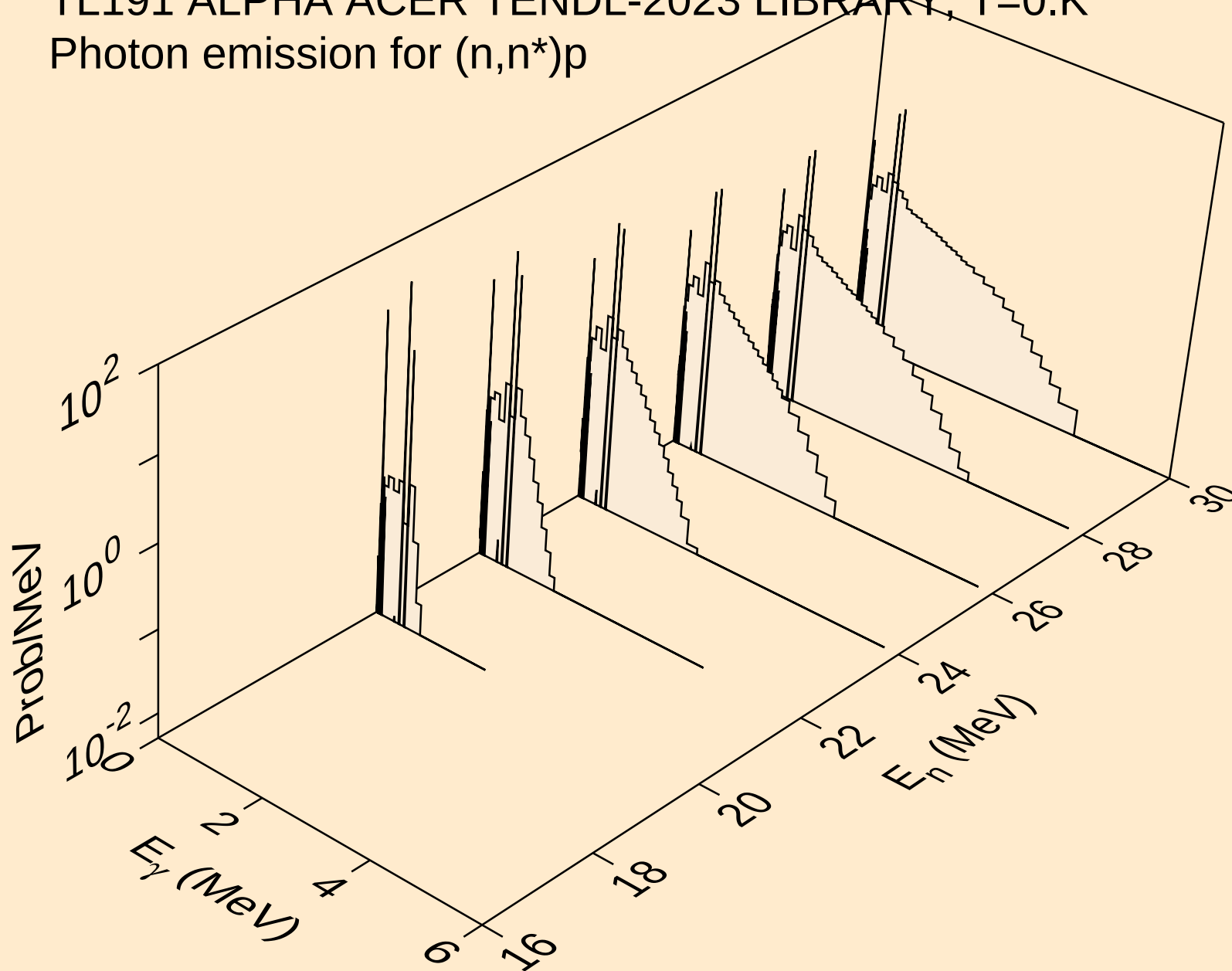
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

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



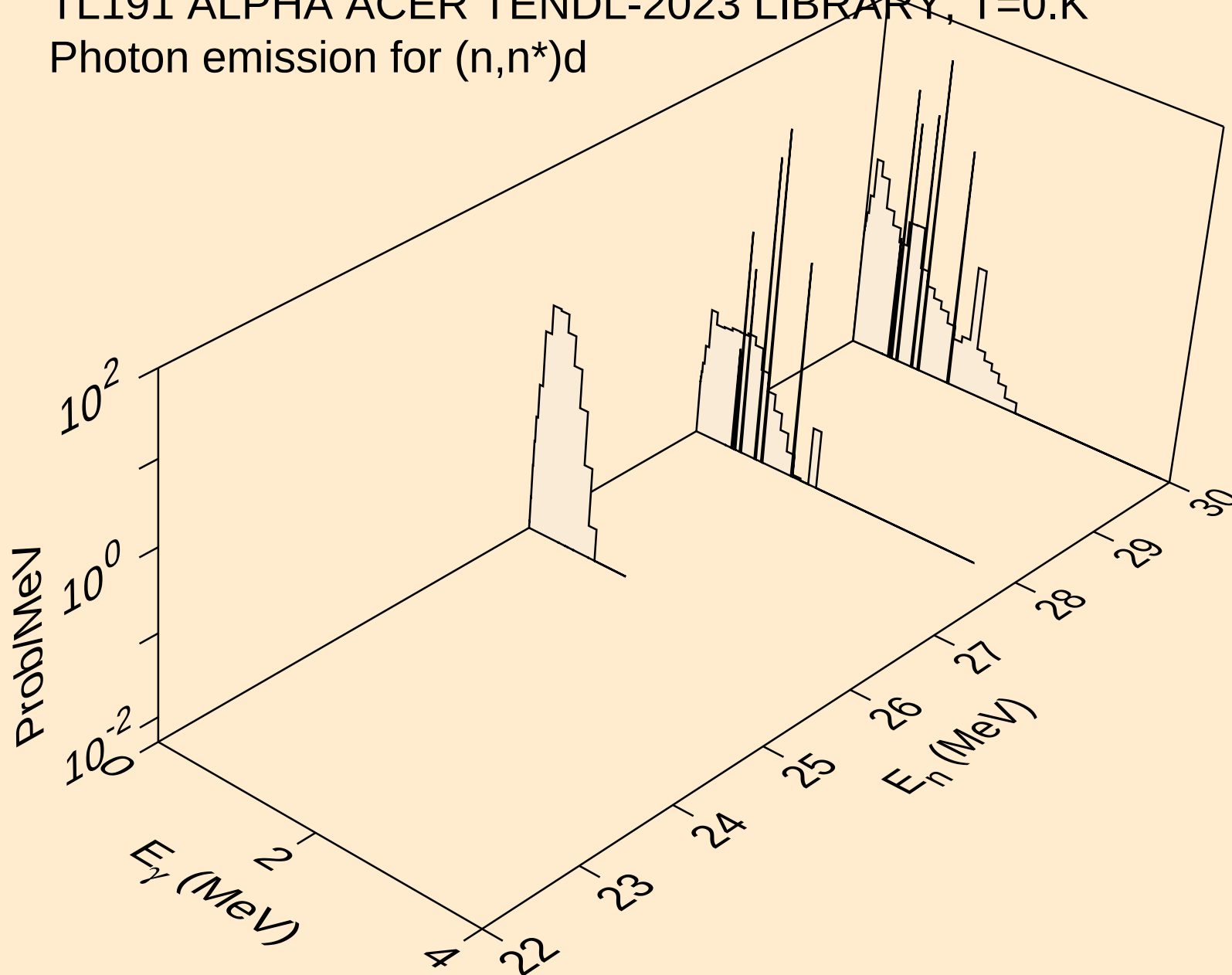
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p



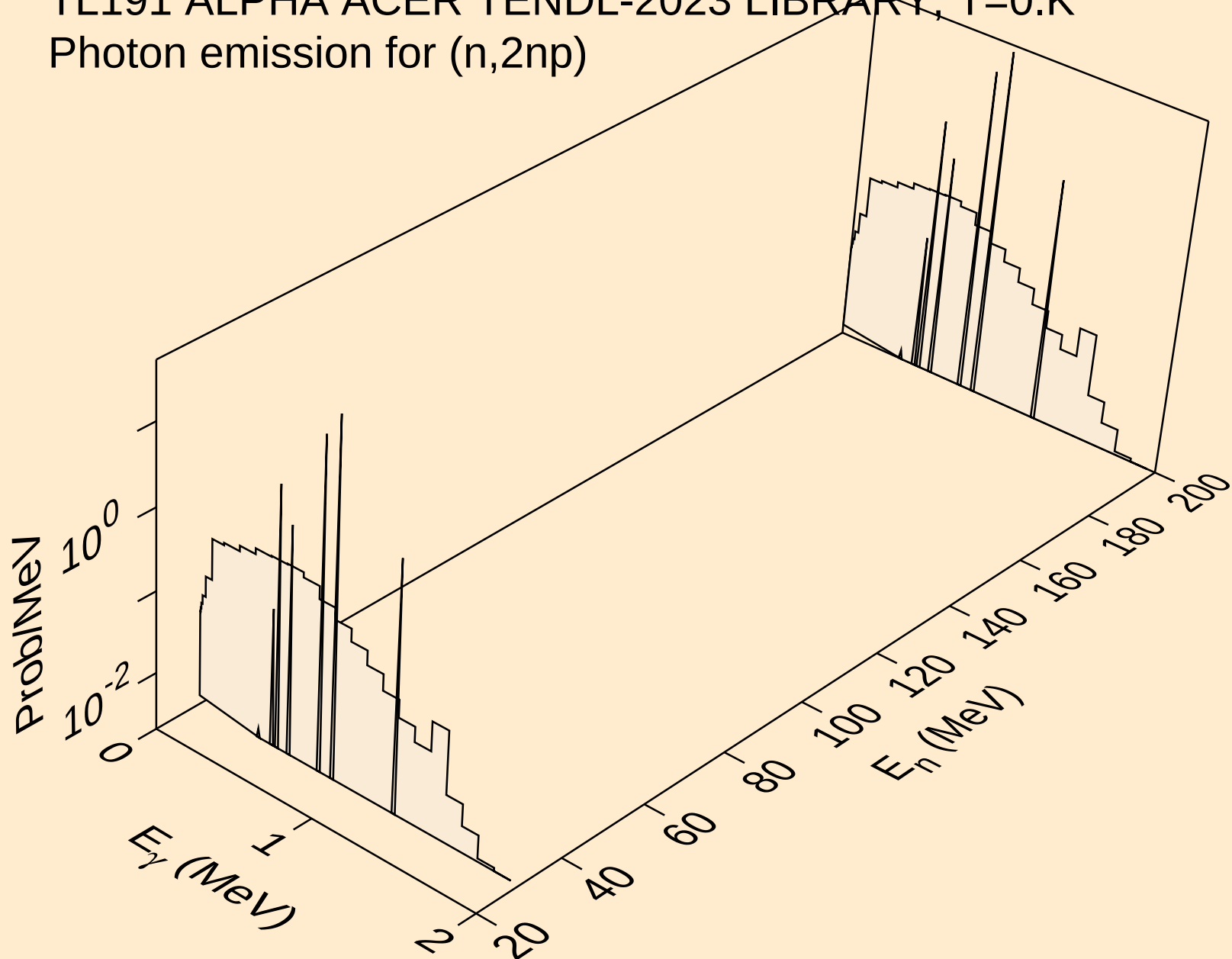
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

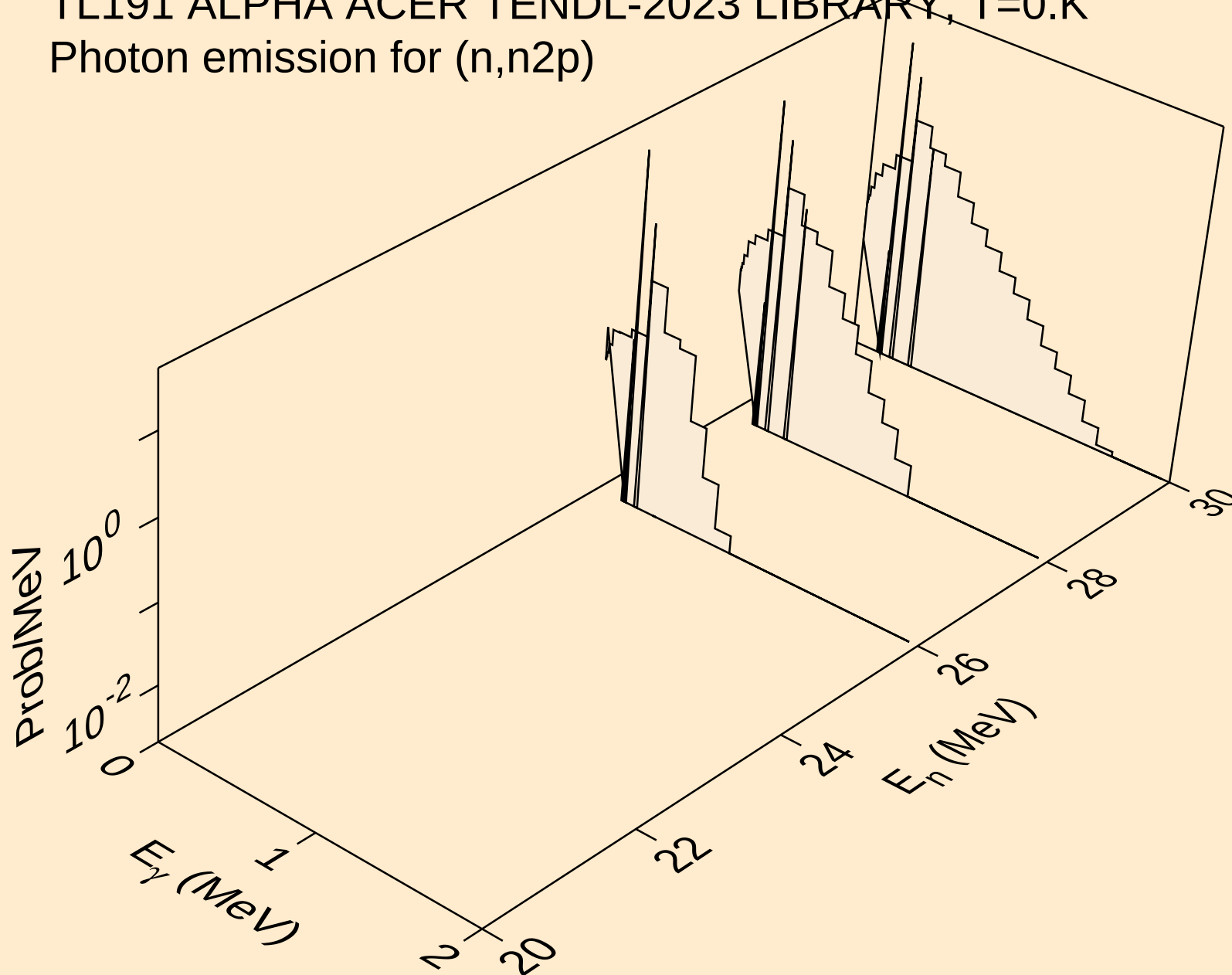


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2np)

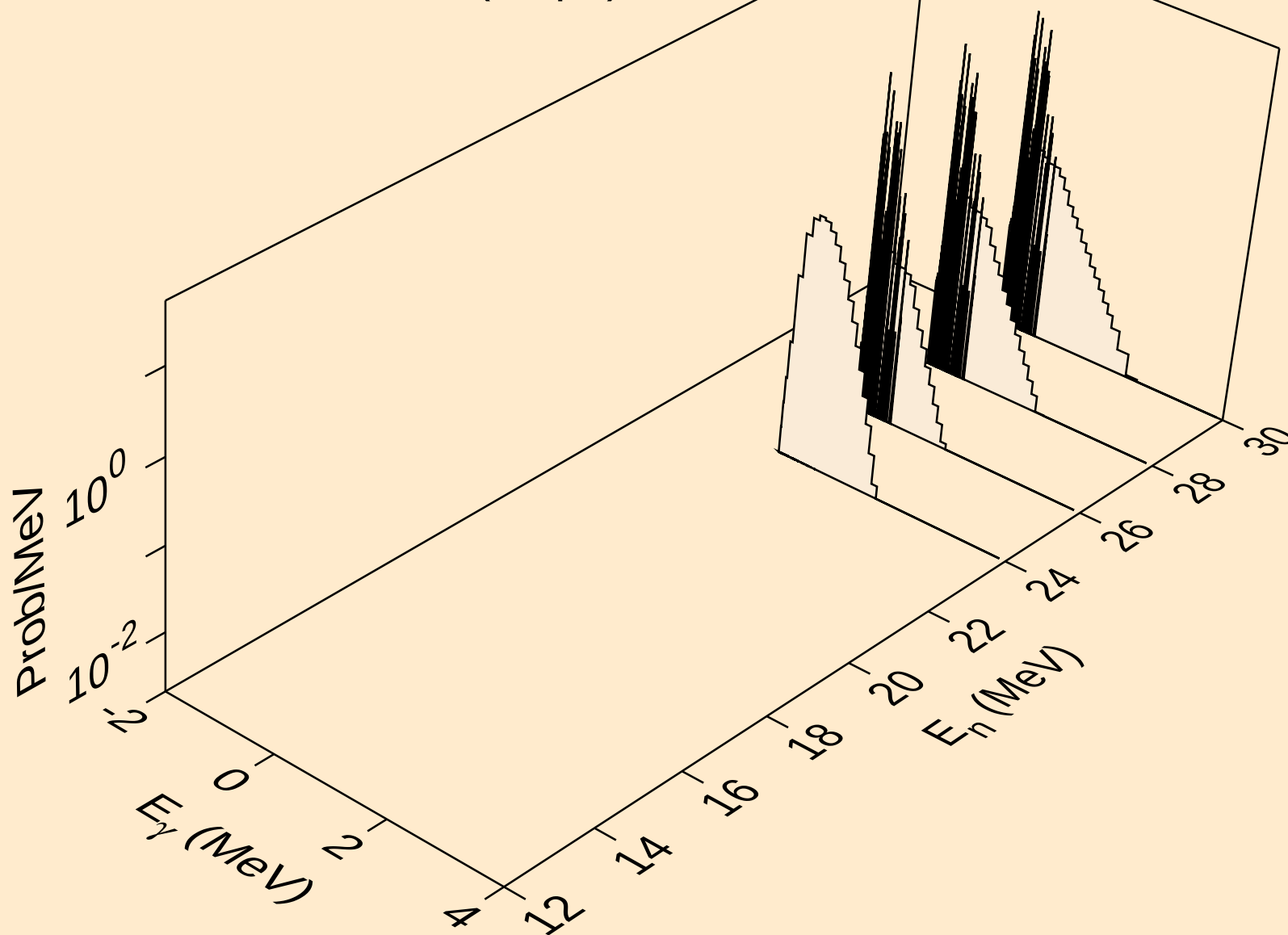


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

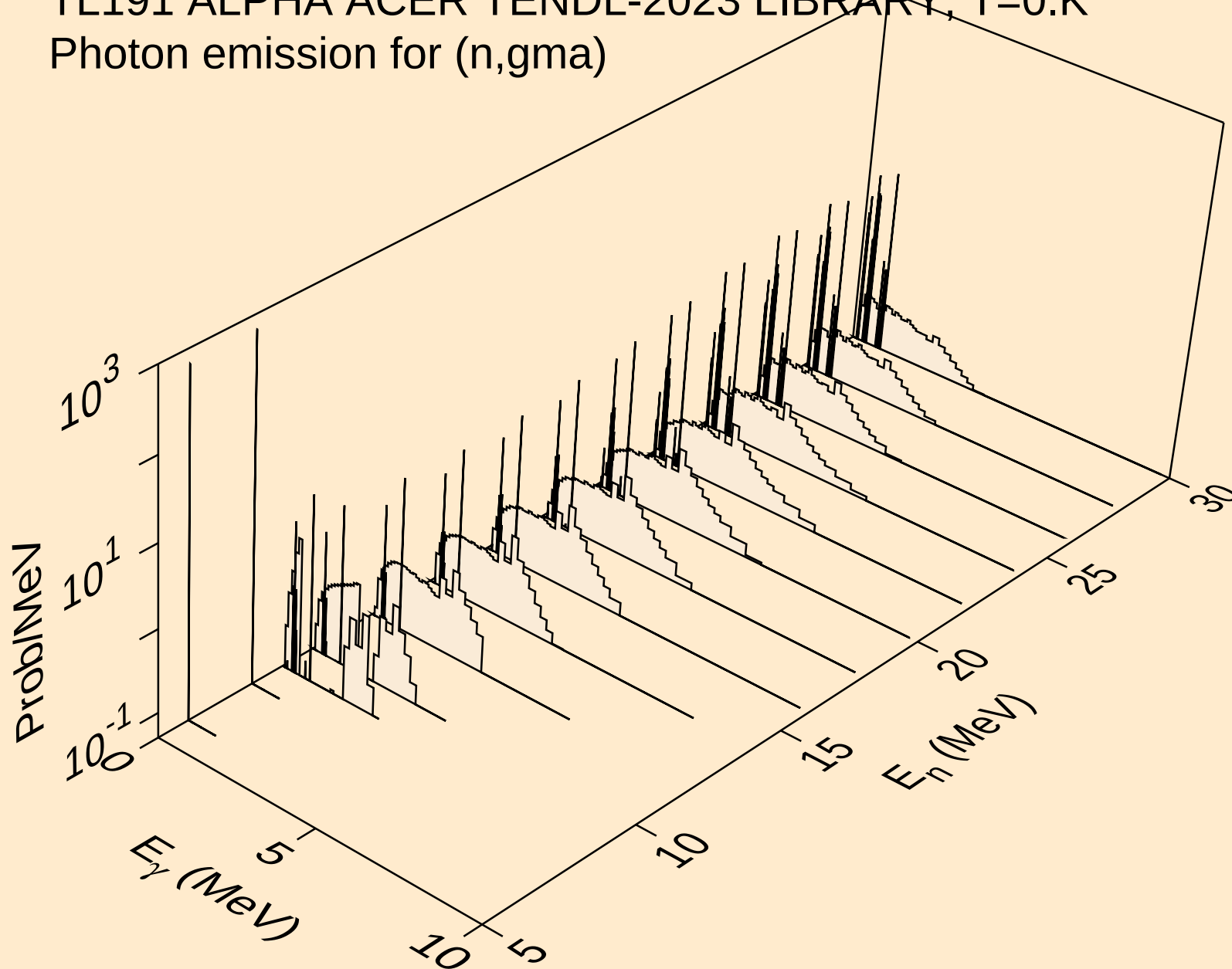


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

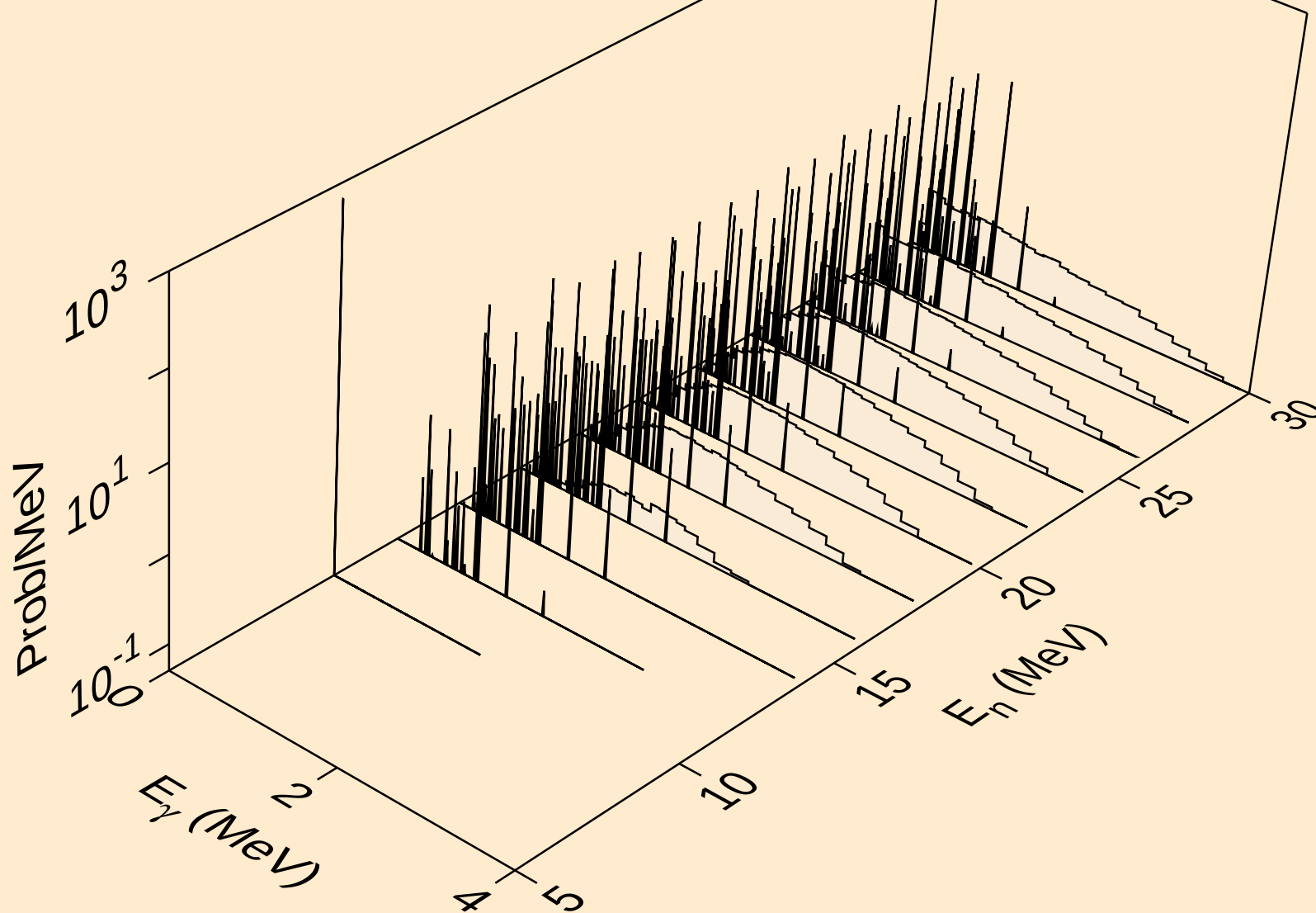
Photon emission for (n,npa)



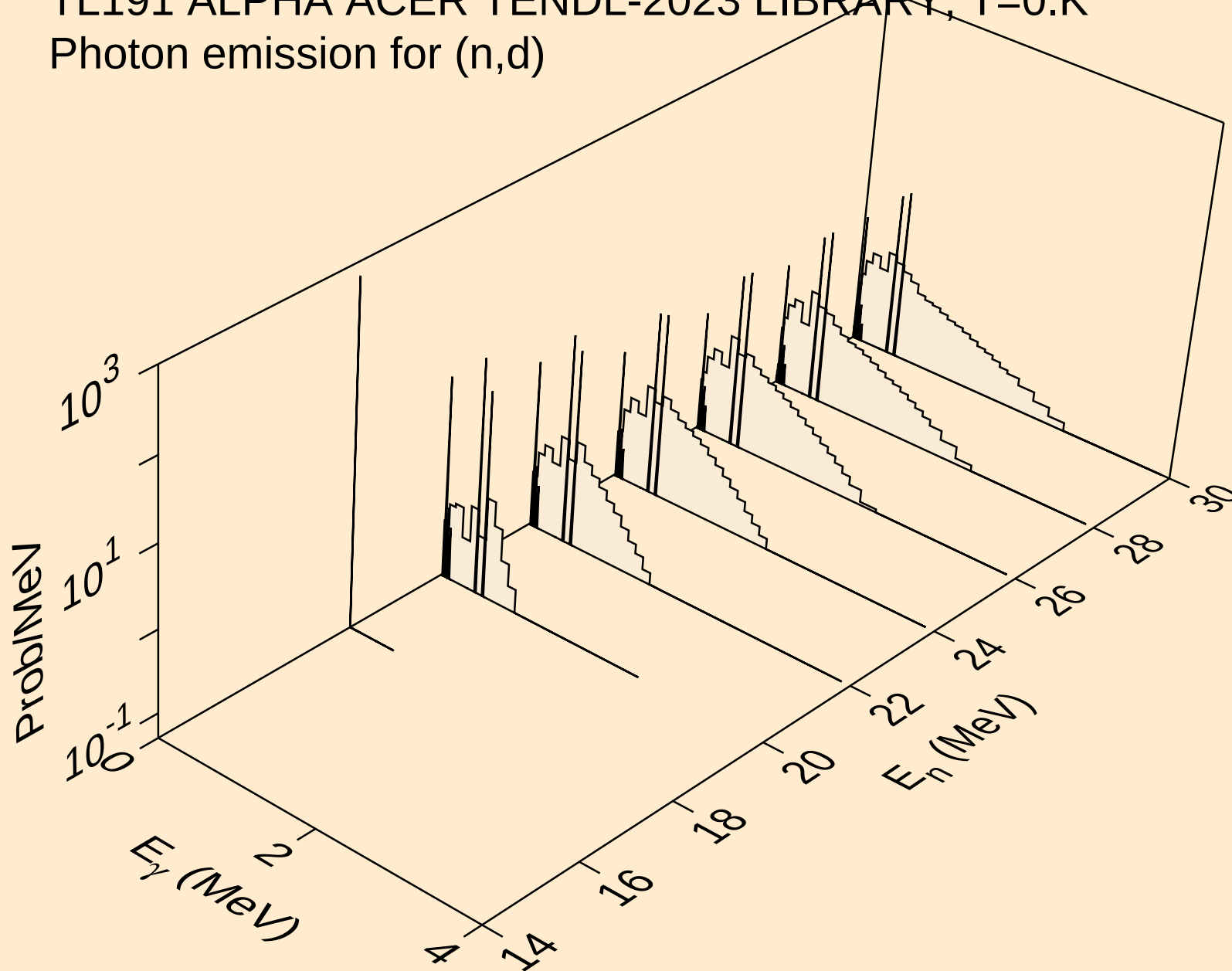
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

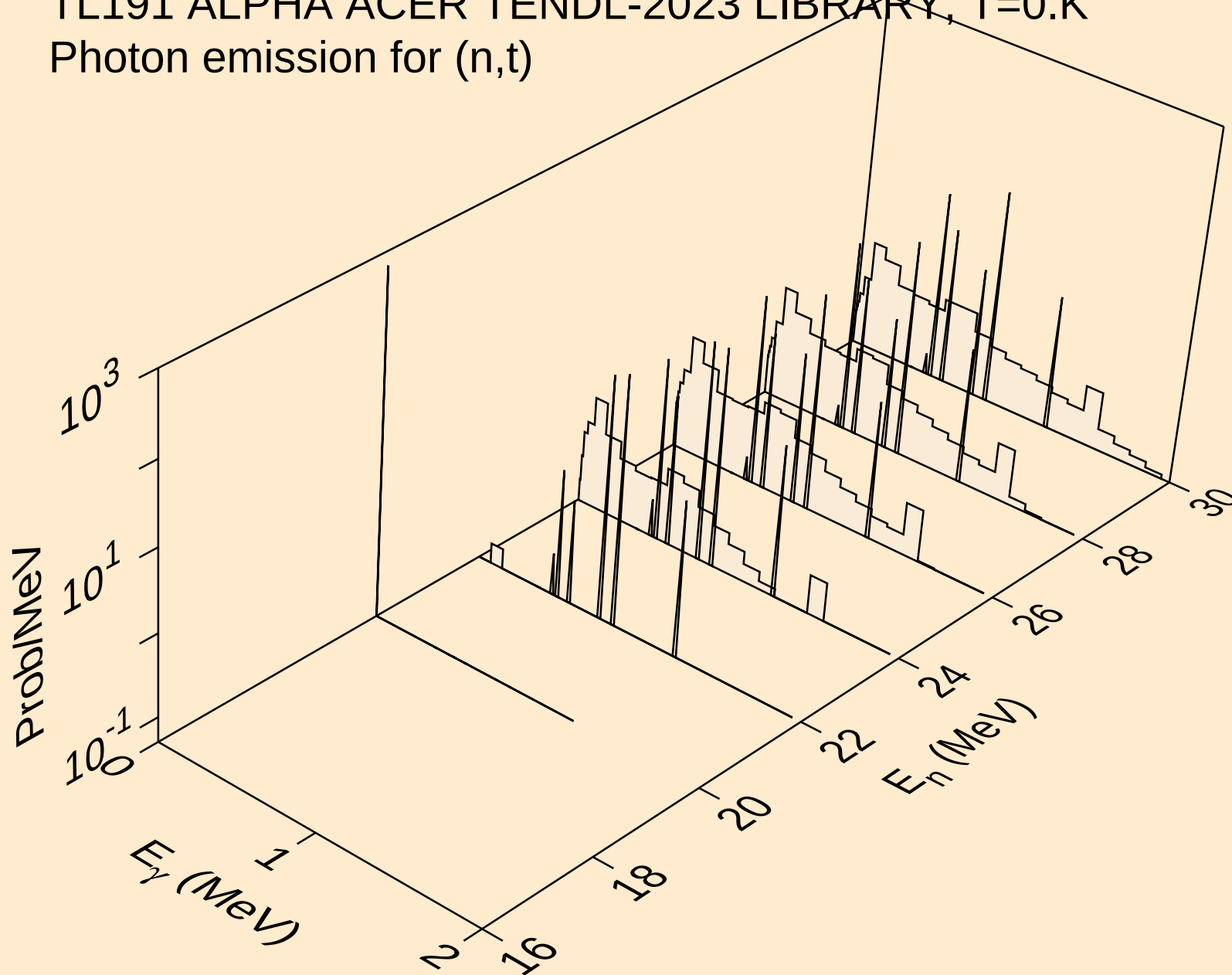


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

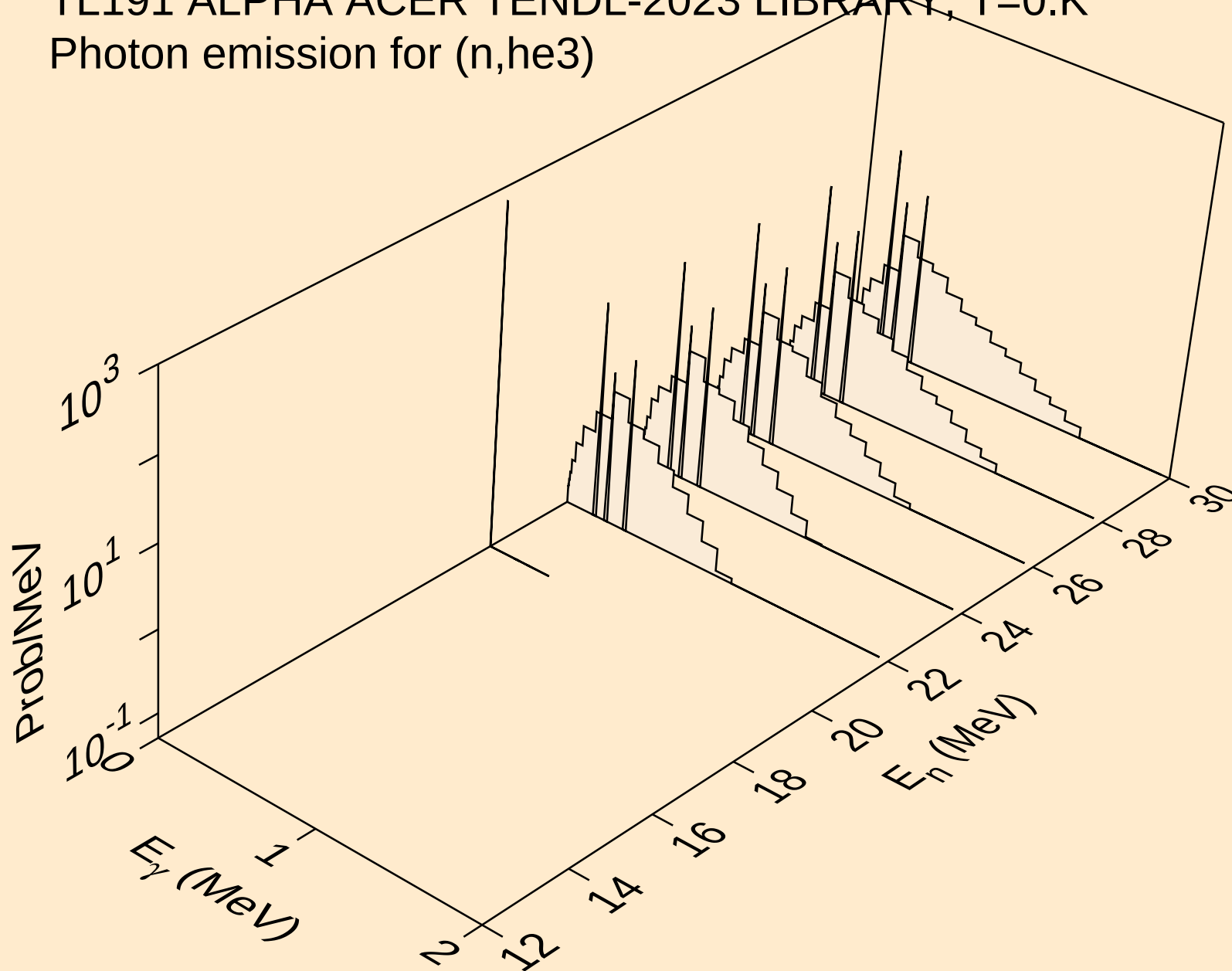


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

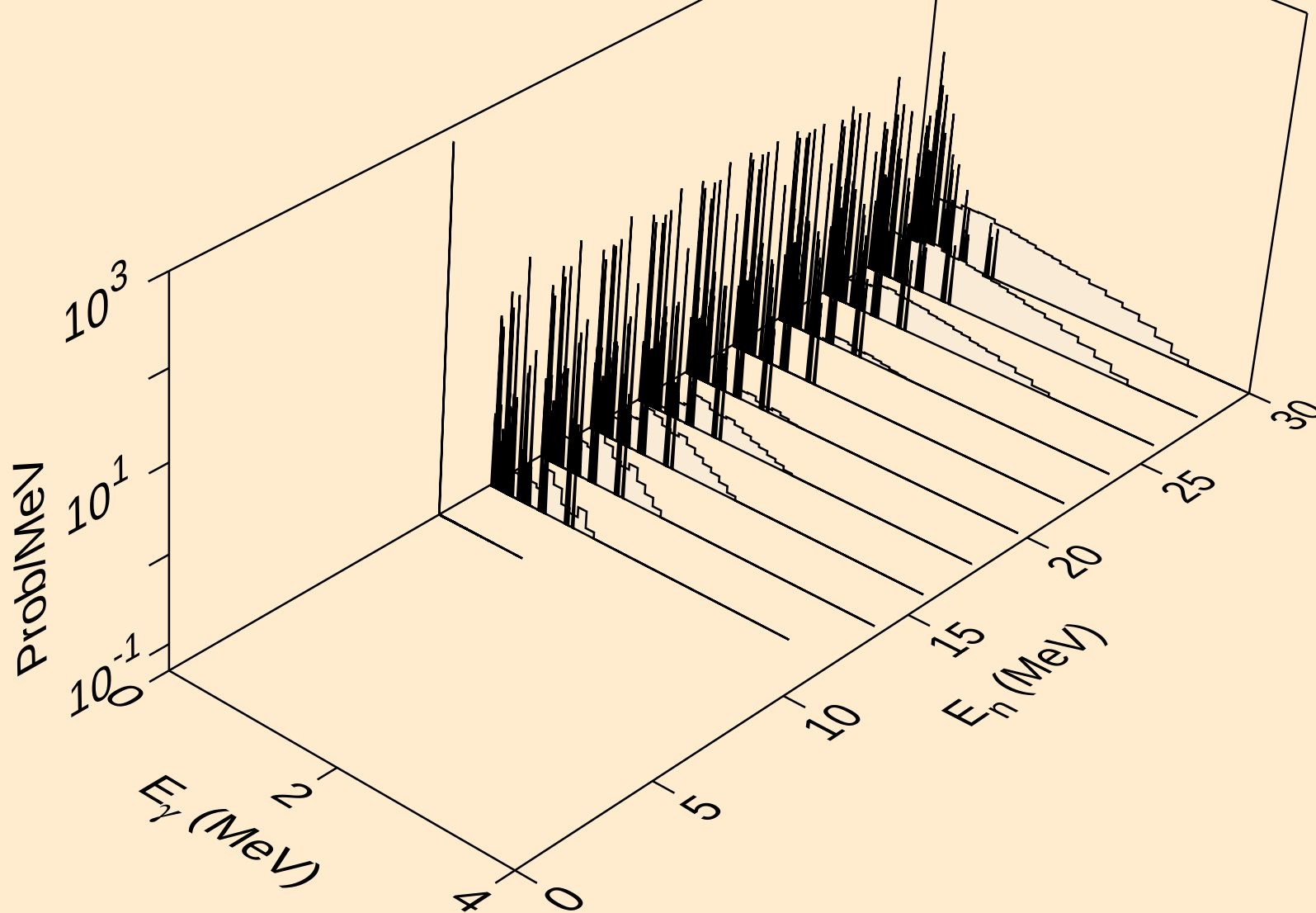
Photon emission for (n,t)



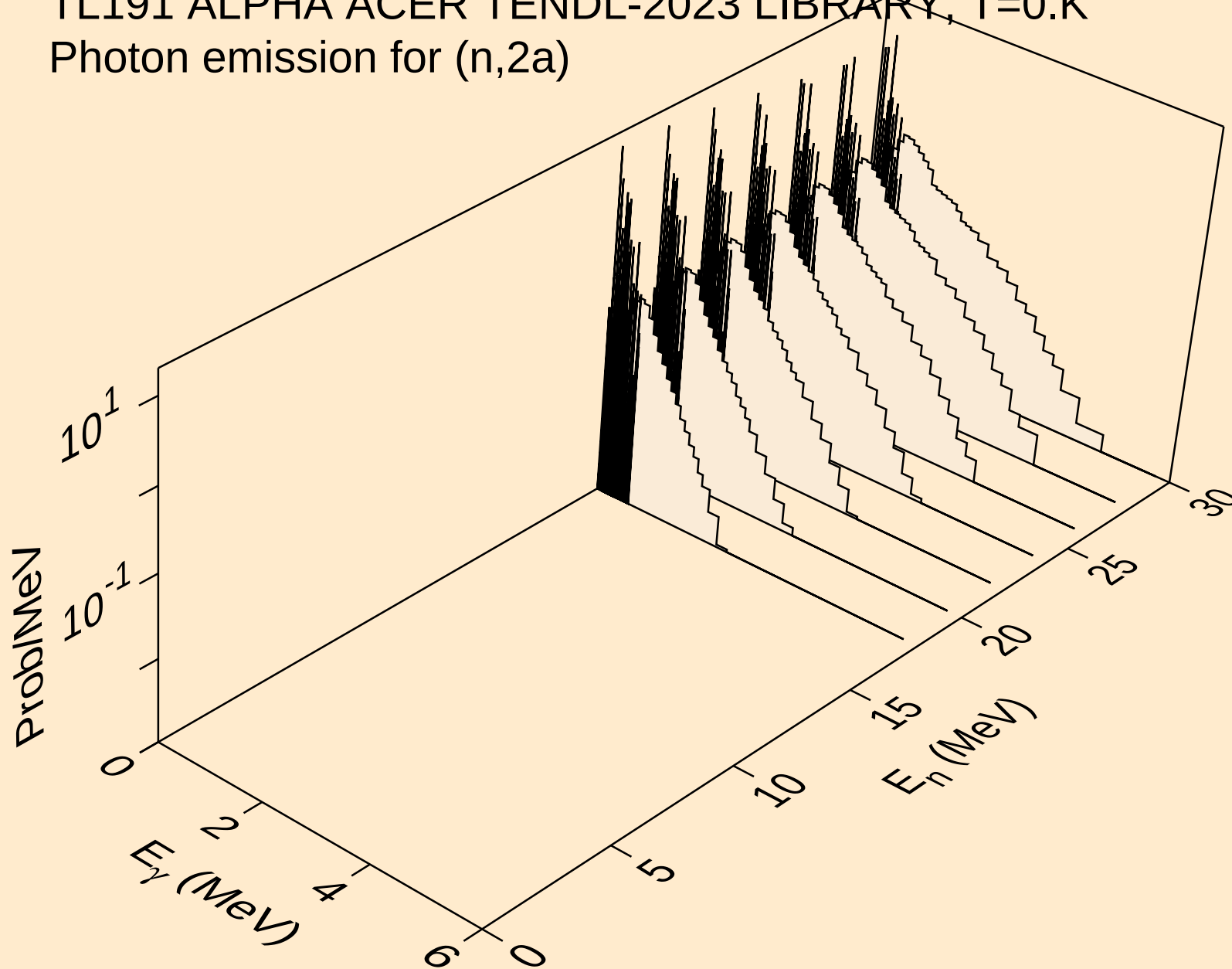
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



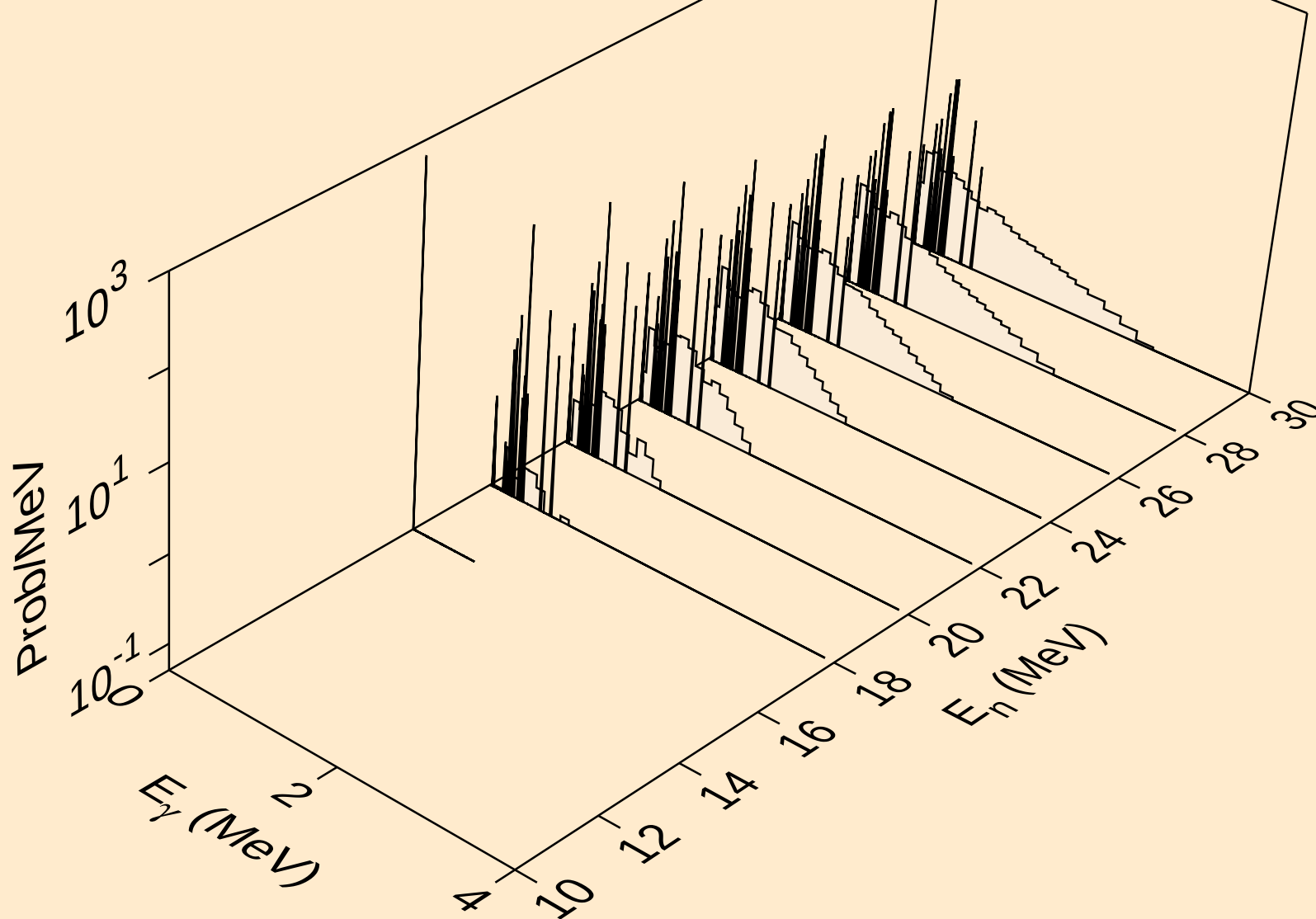
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



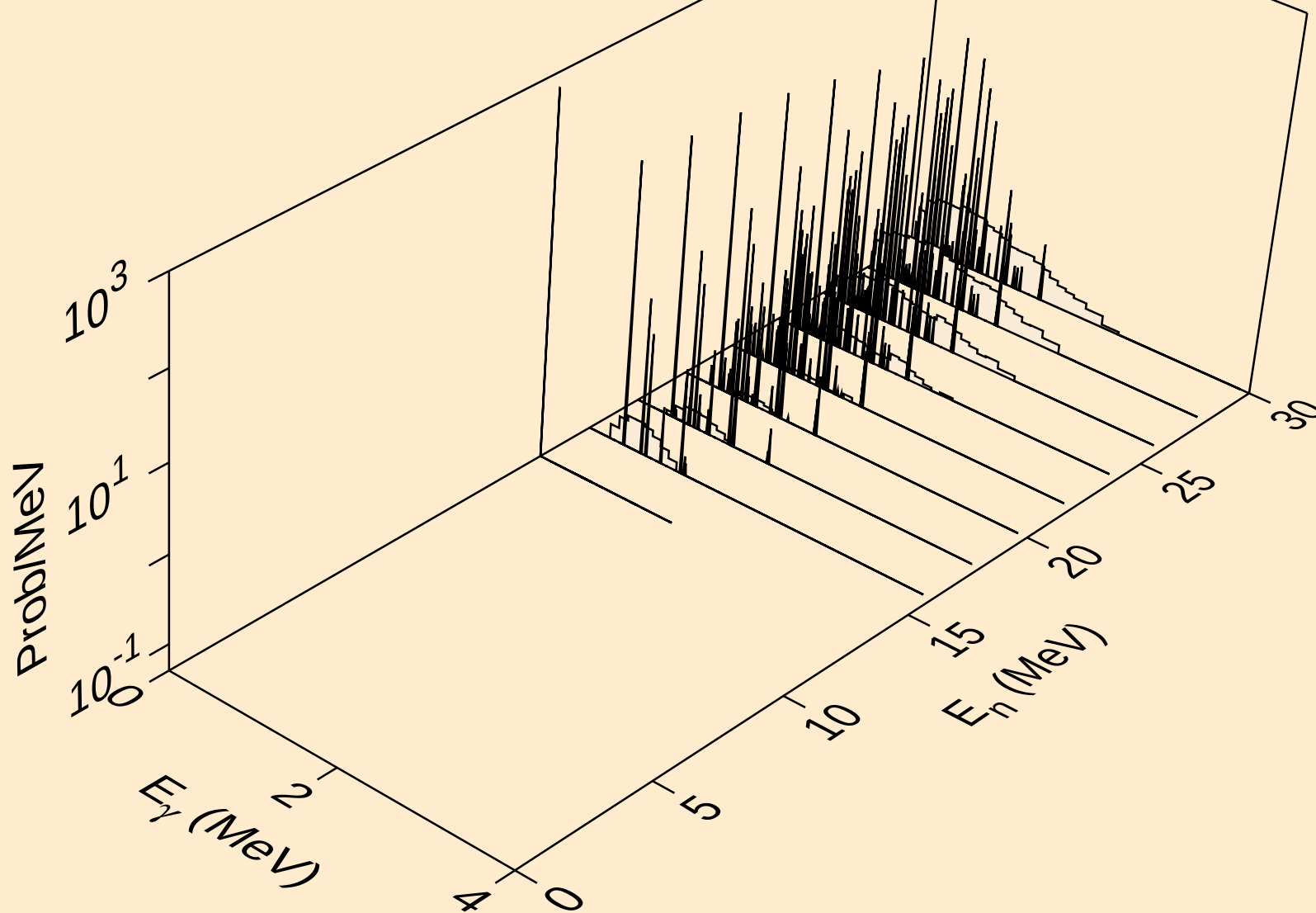
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

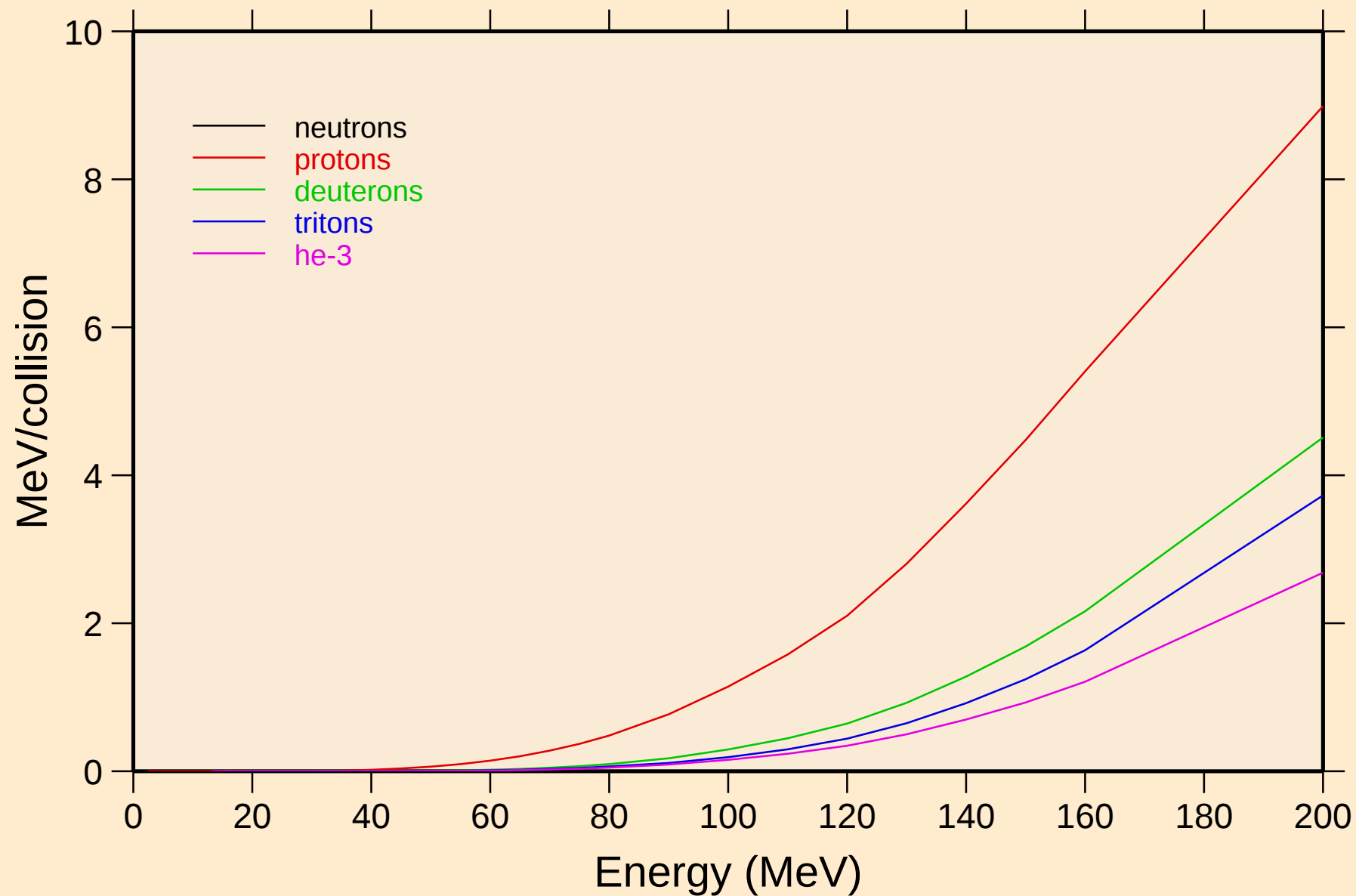


TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



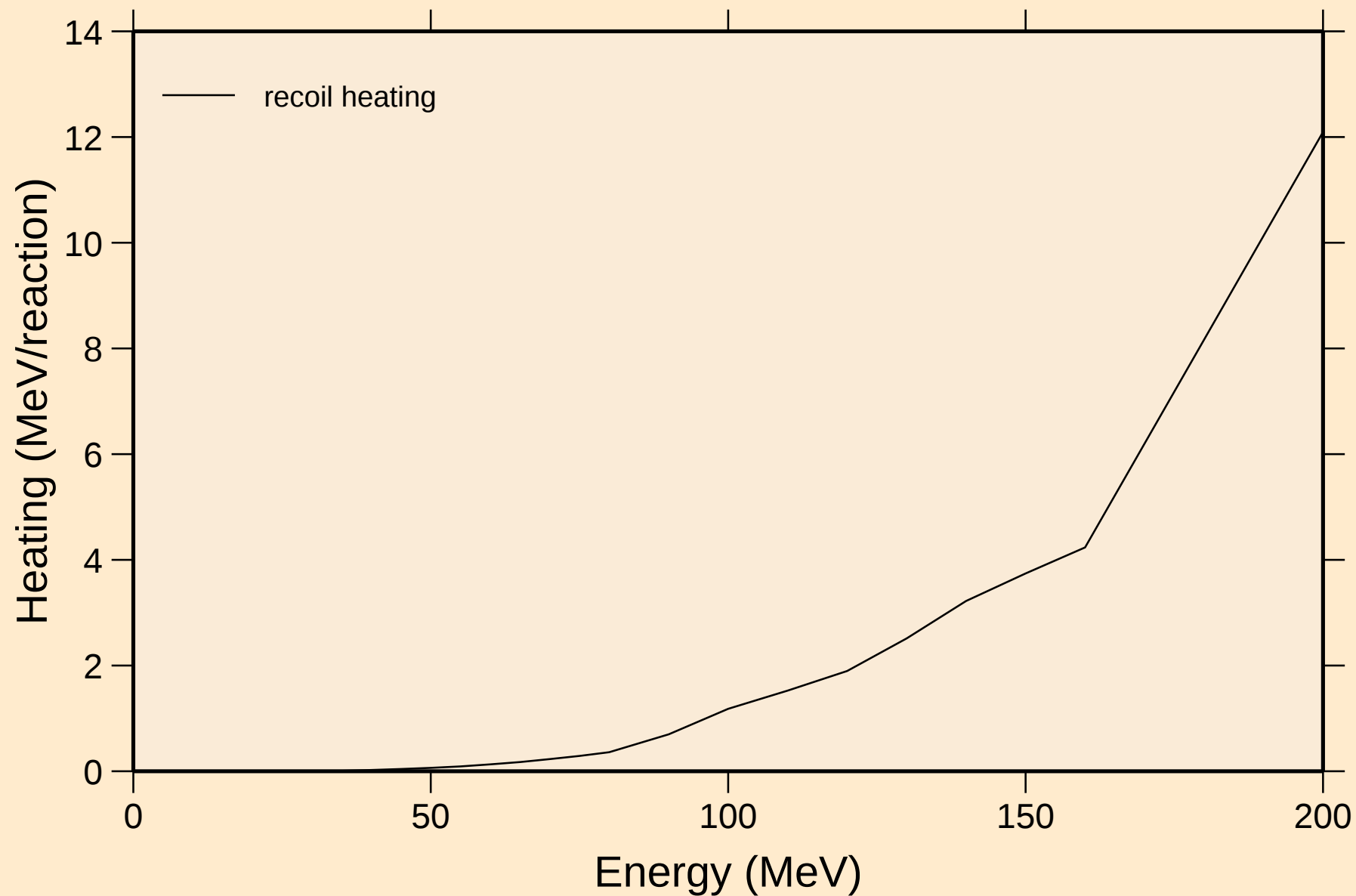
# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



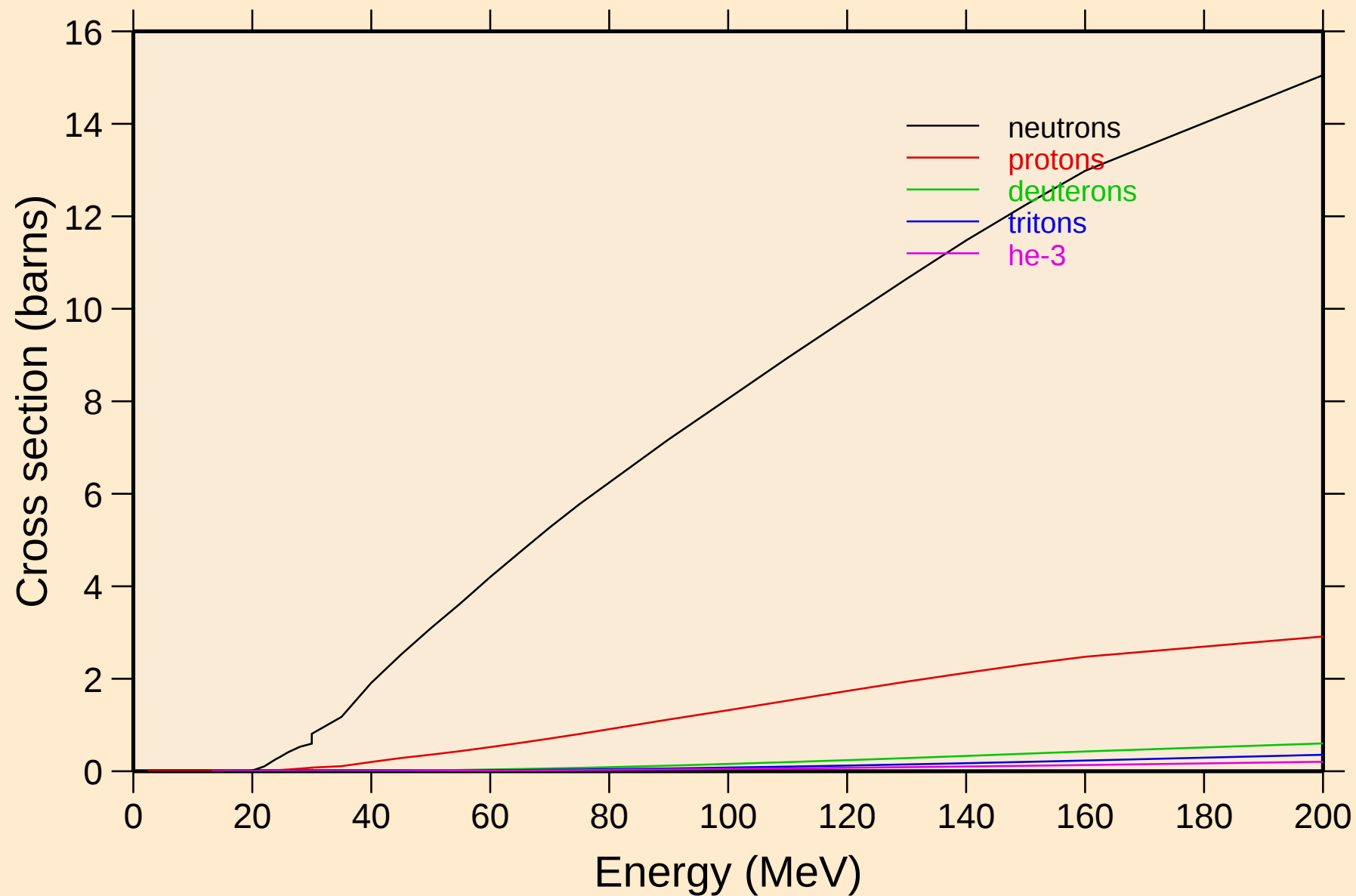
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

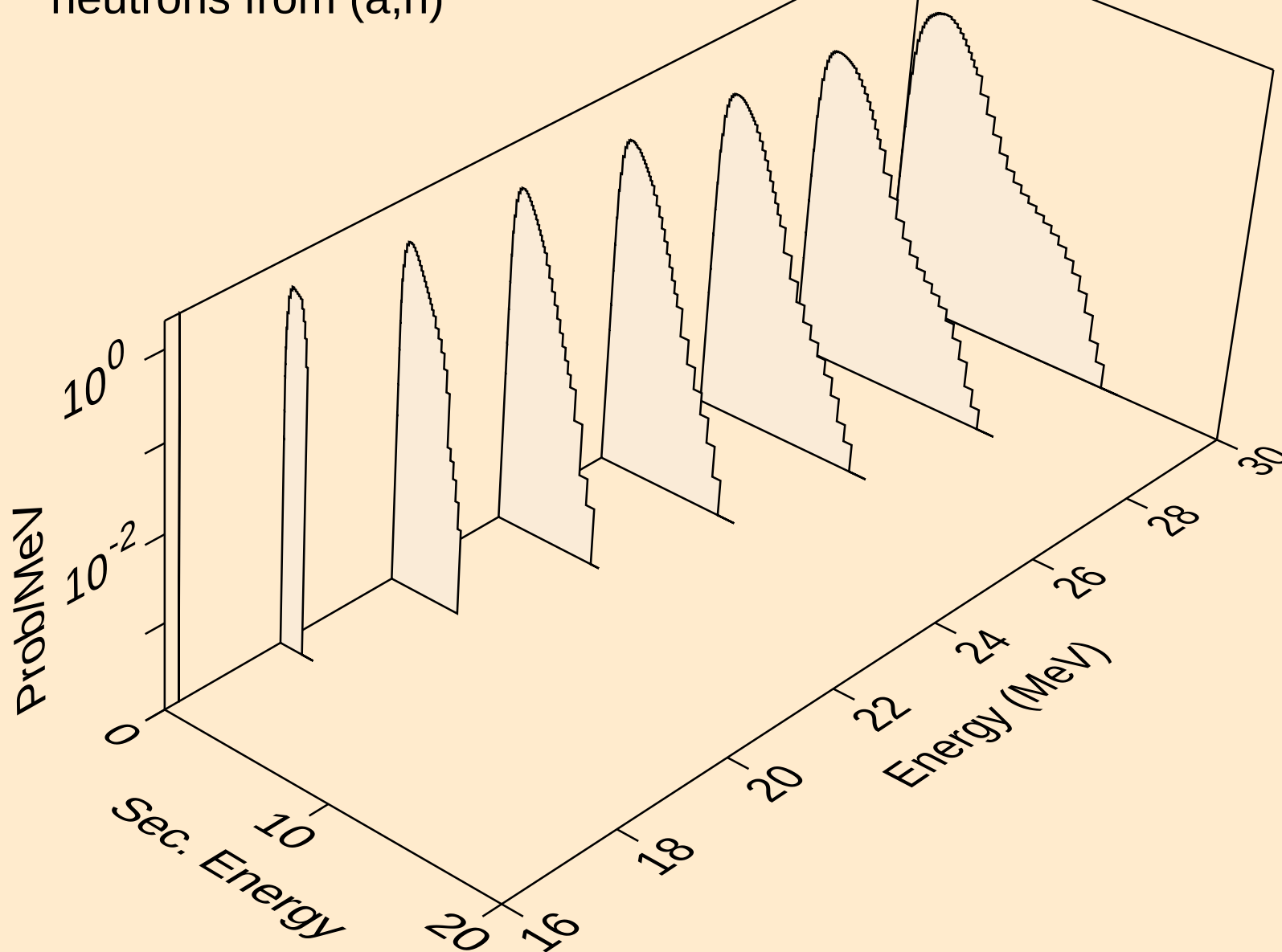


# TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

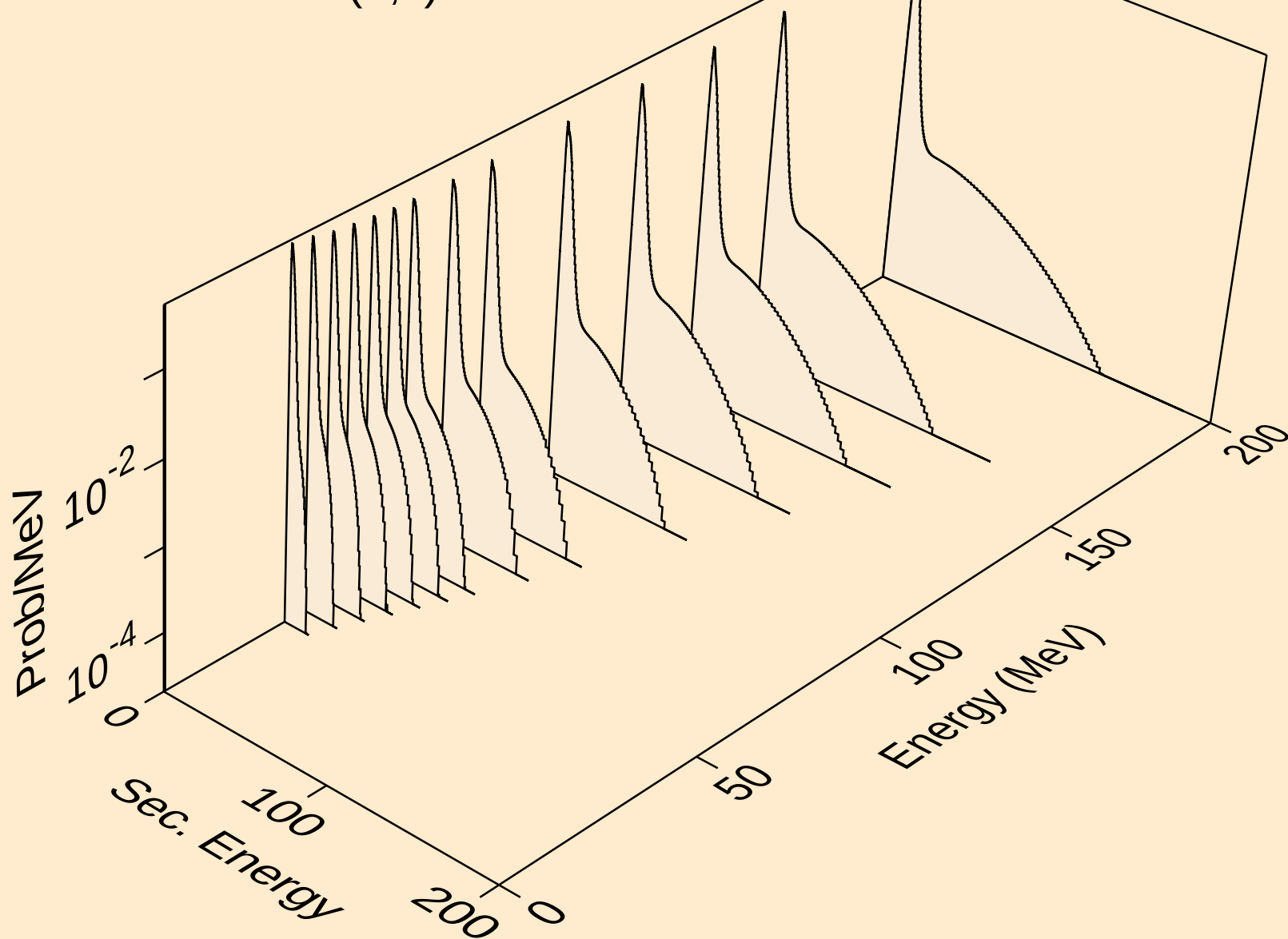
## Particle production cross sections



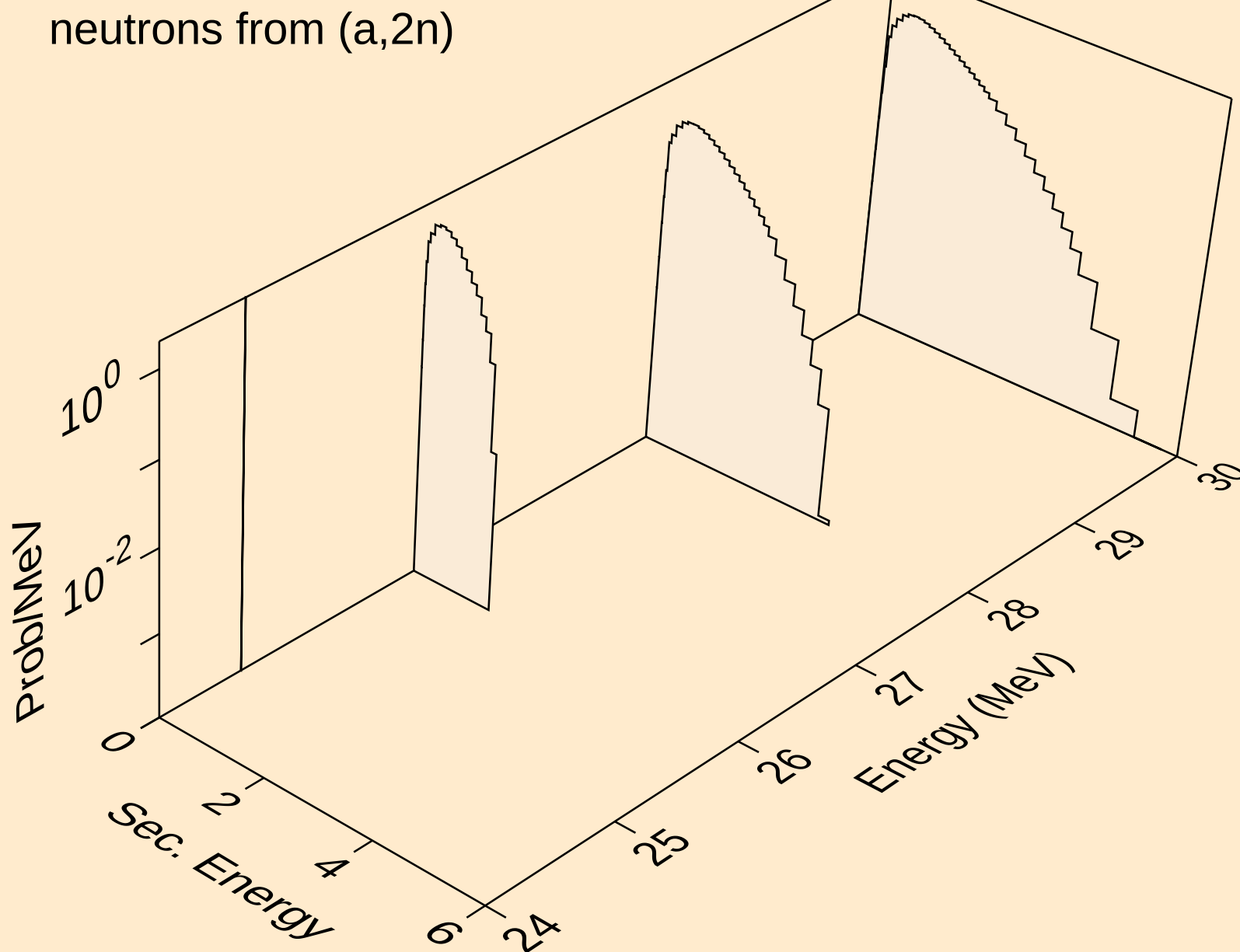
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



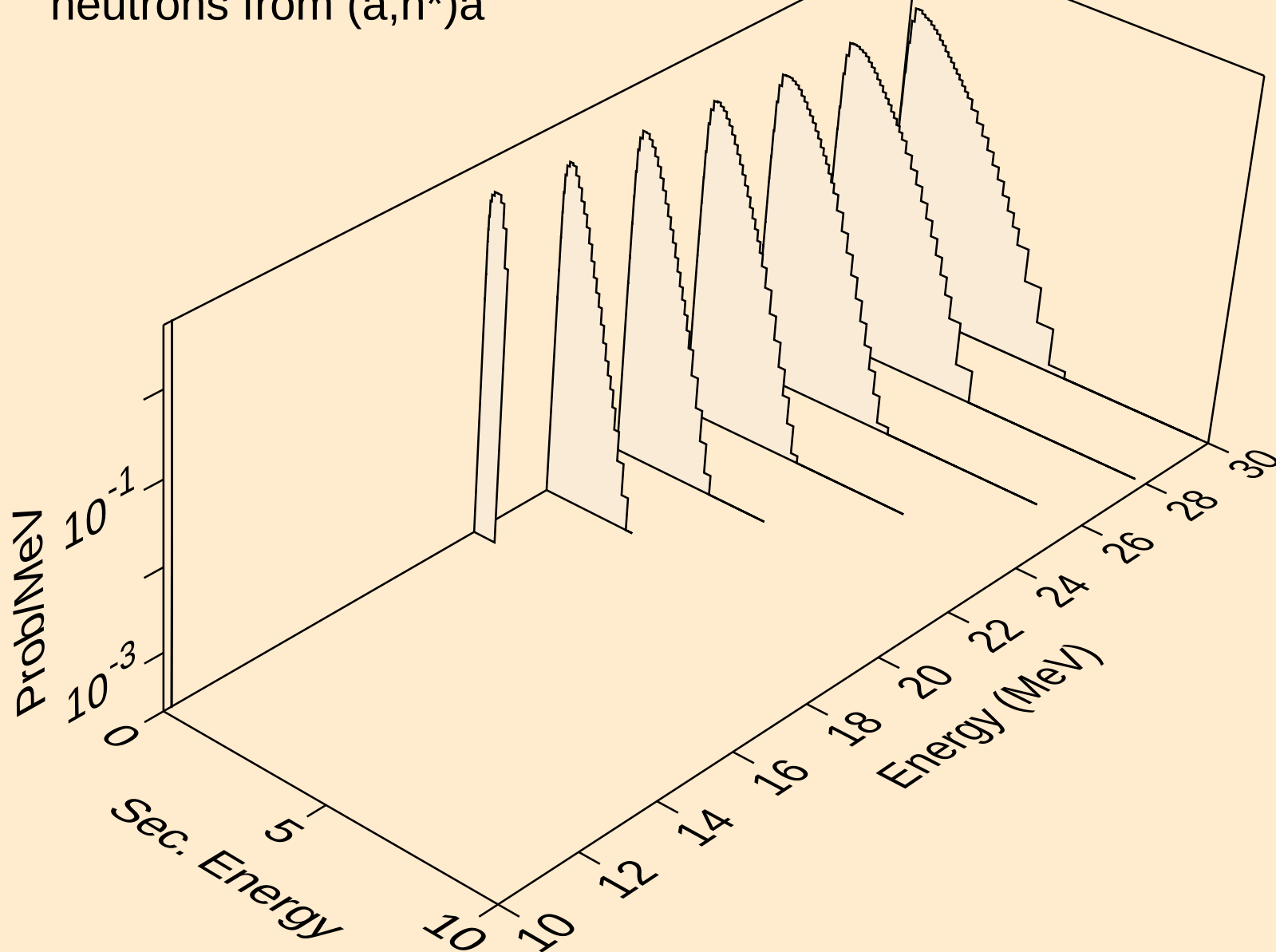
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



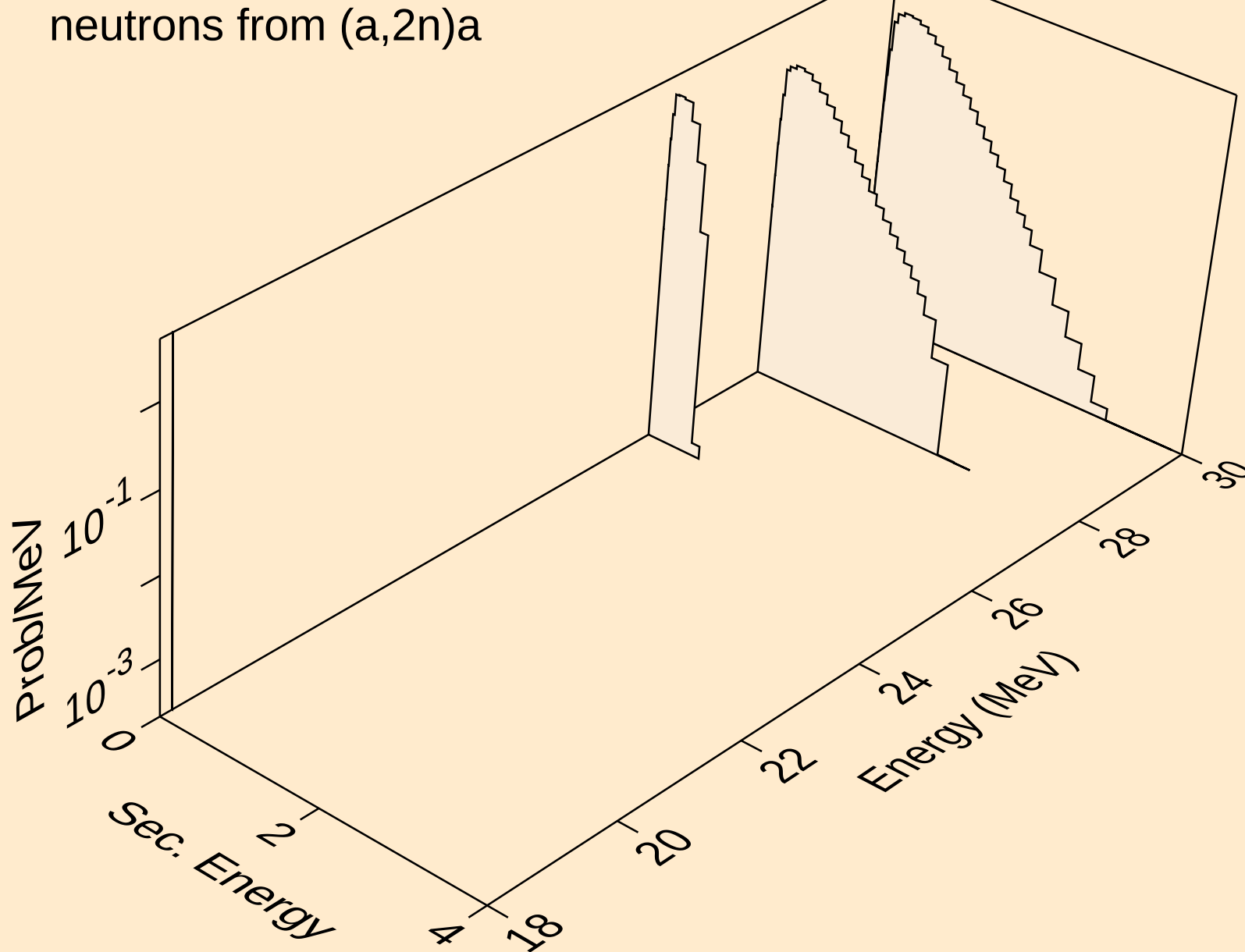
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



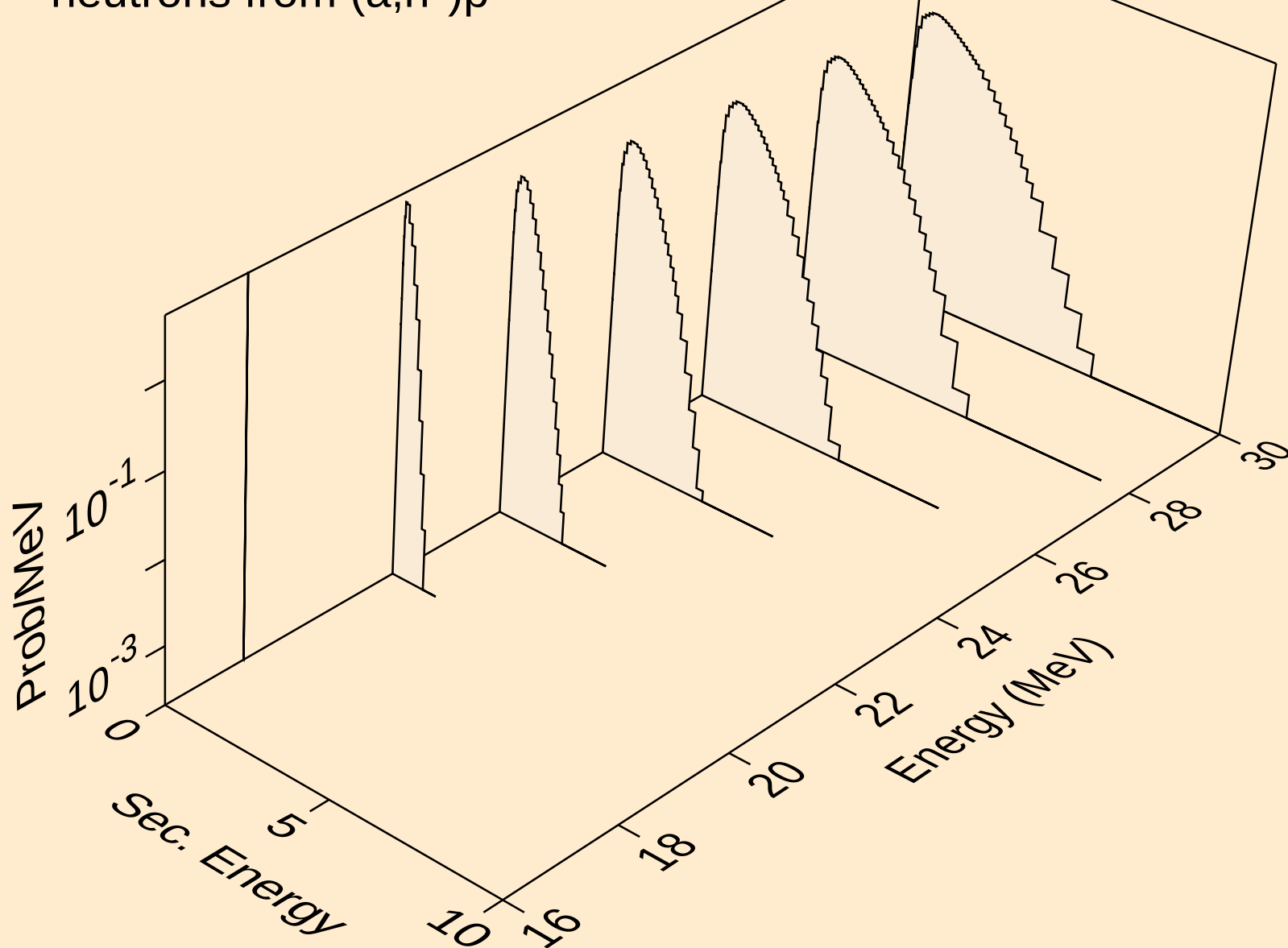
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



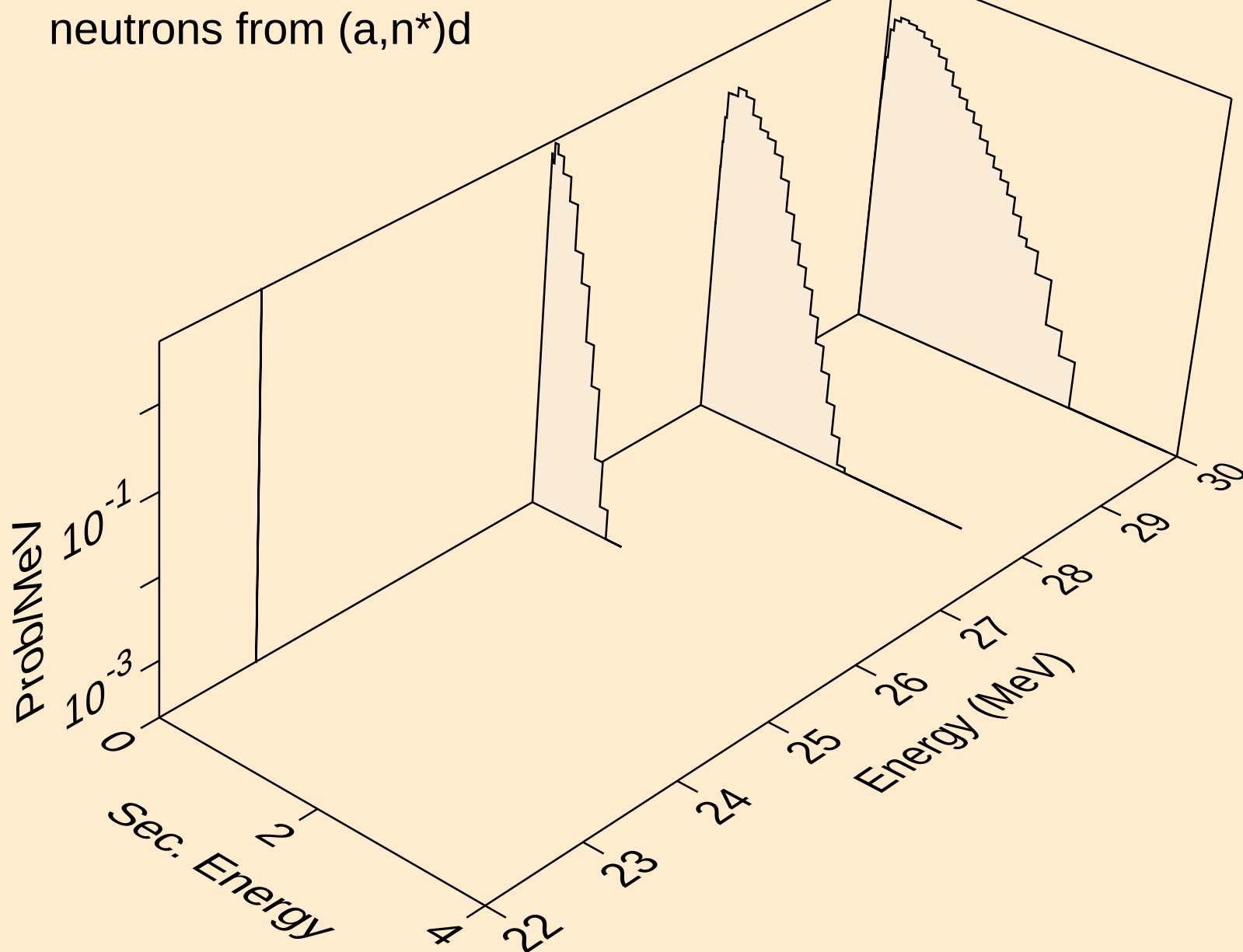
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



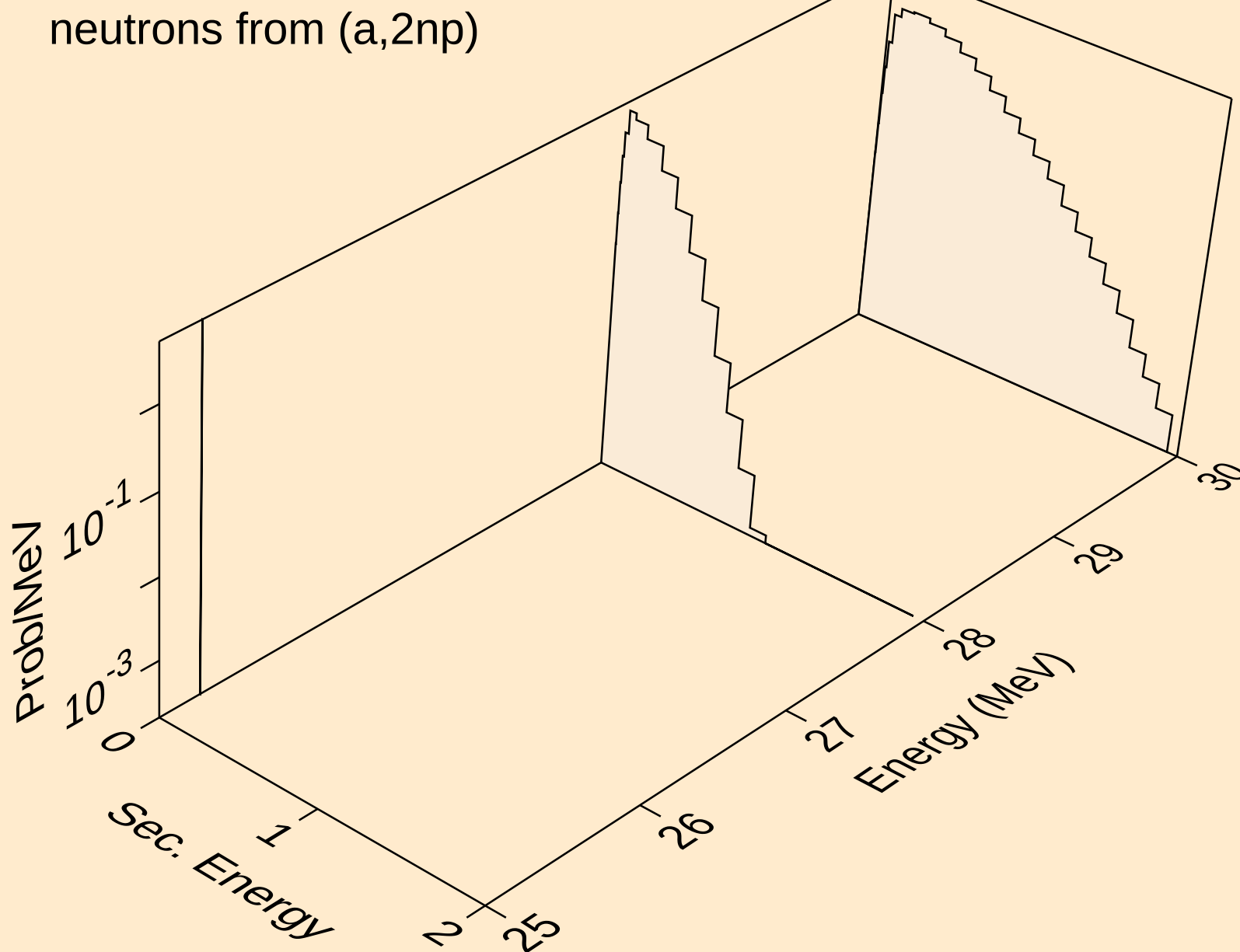
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



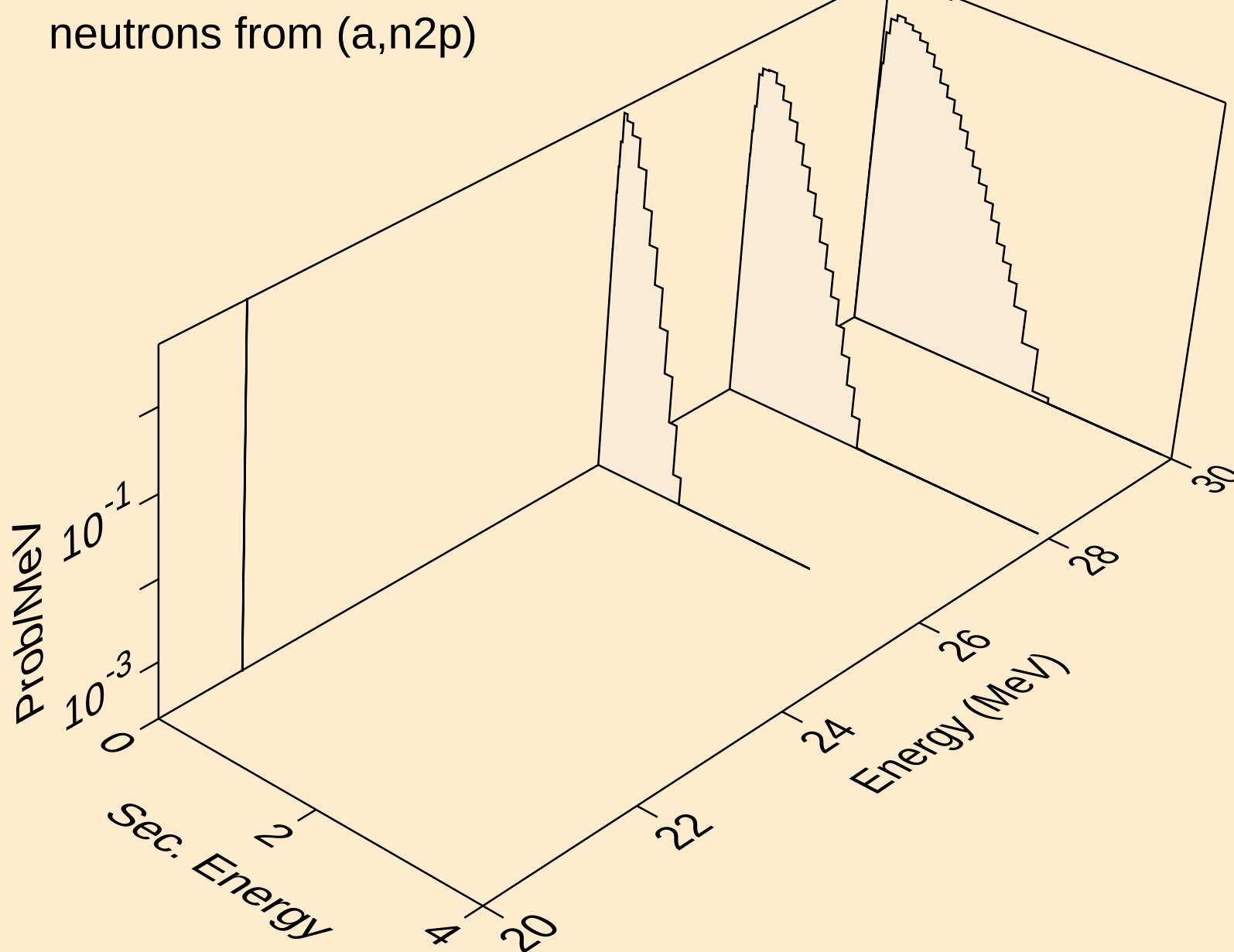
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



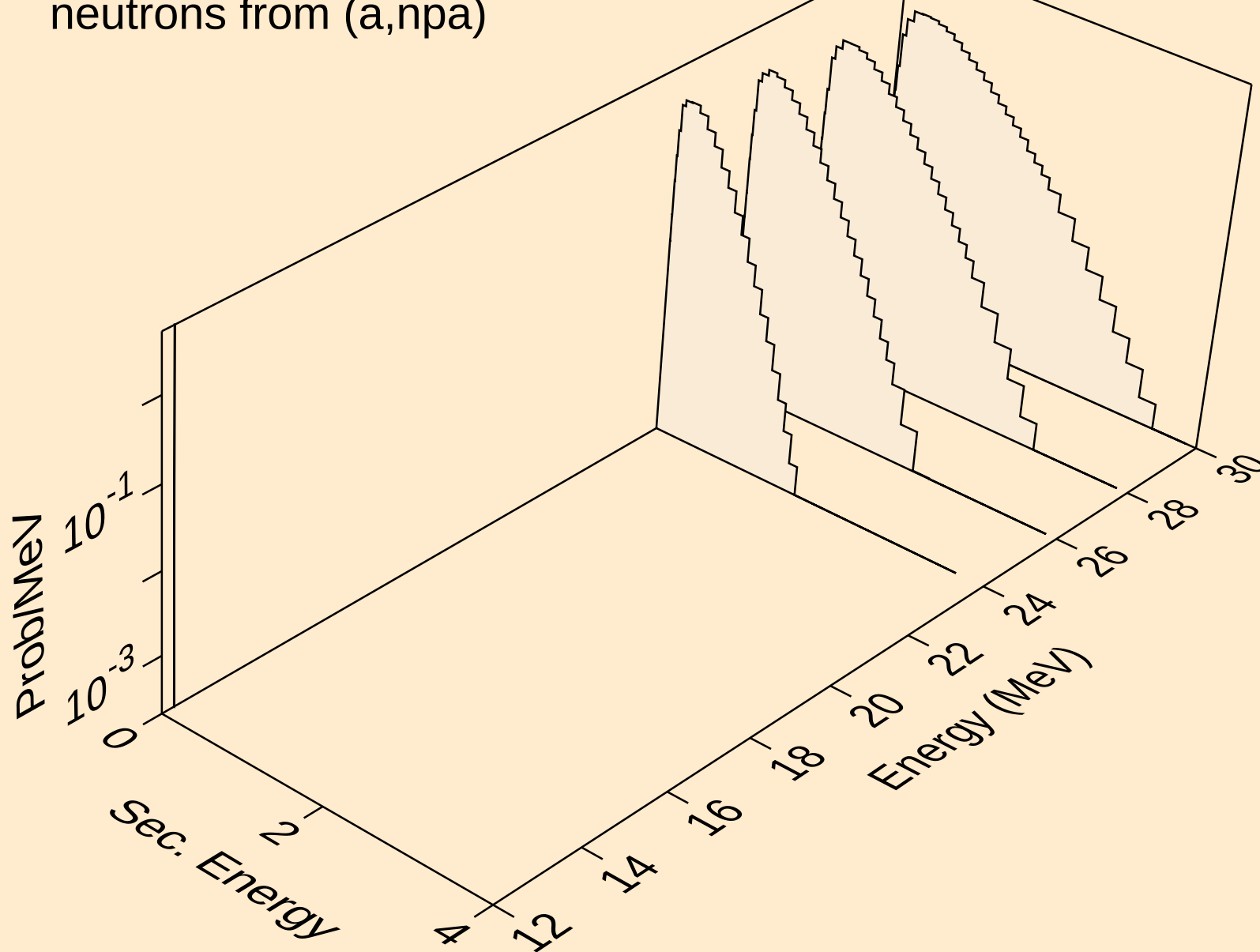
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



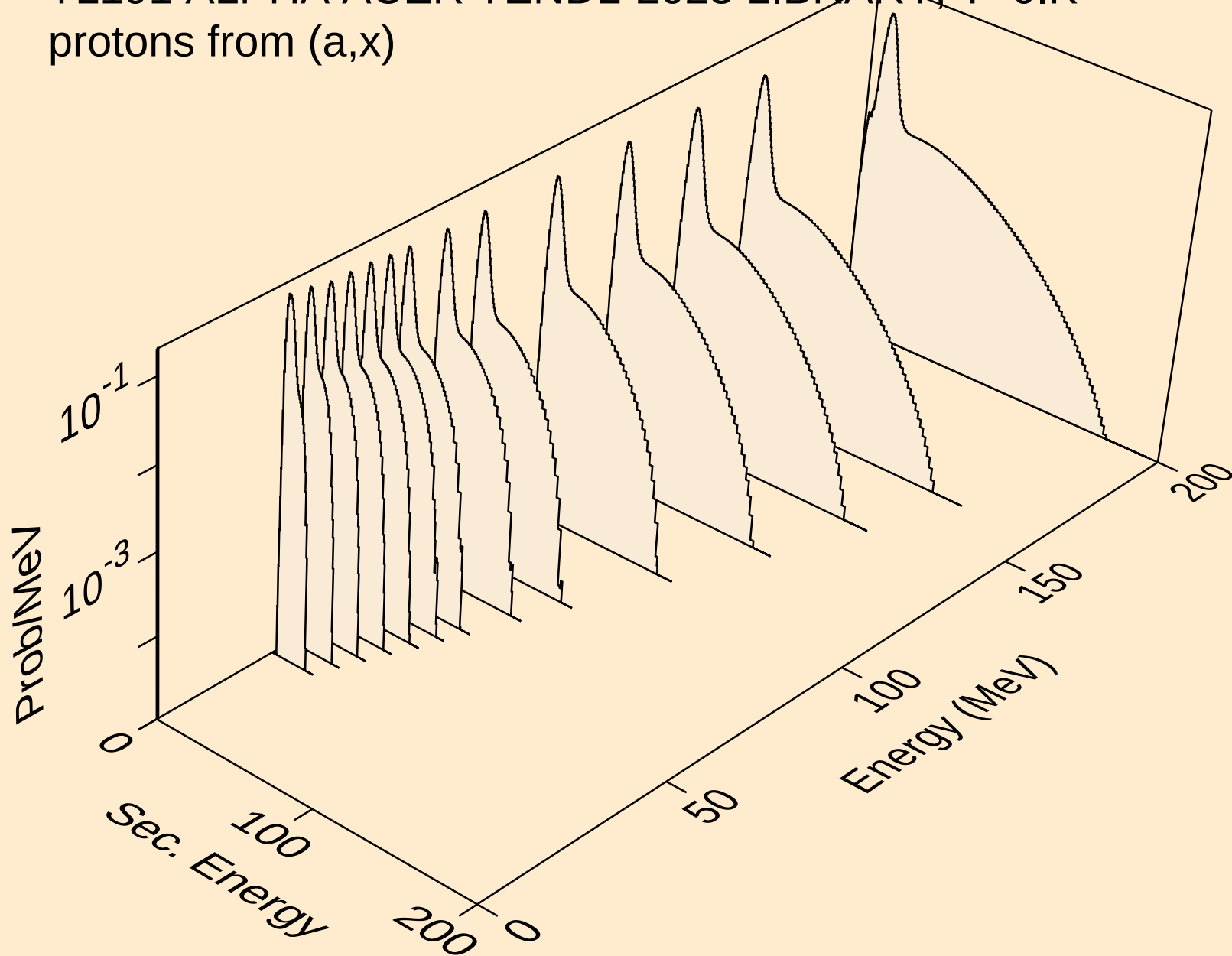
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



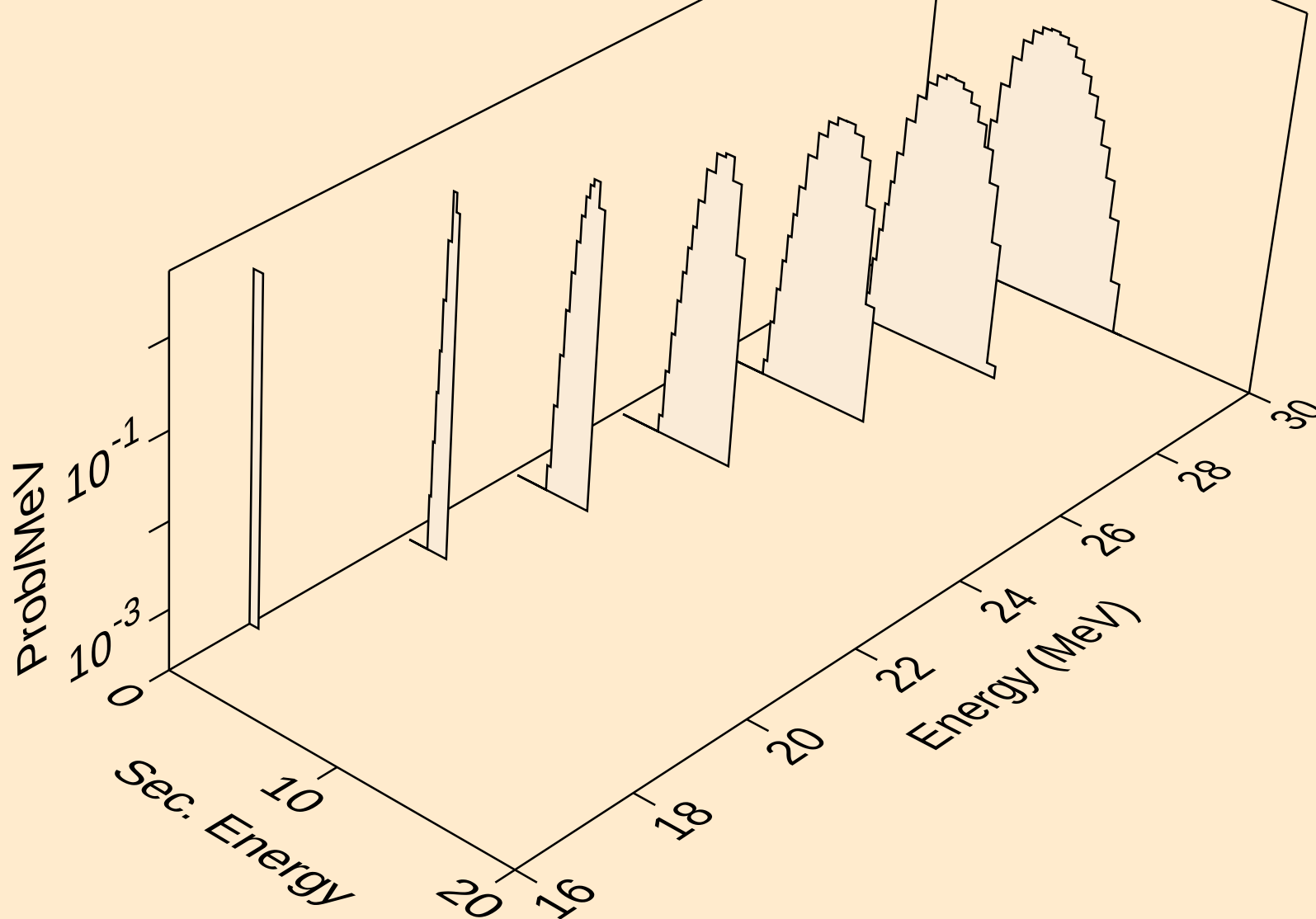
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



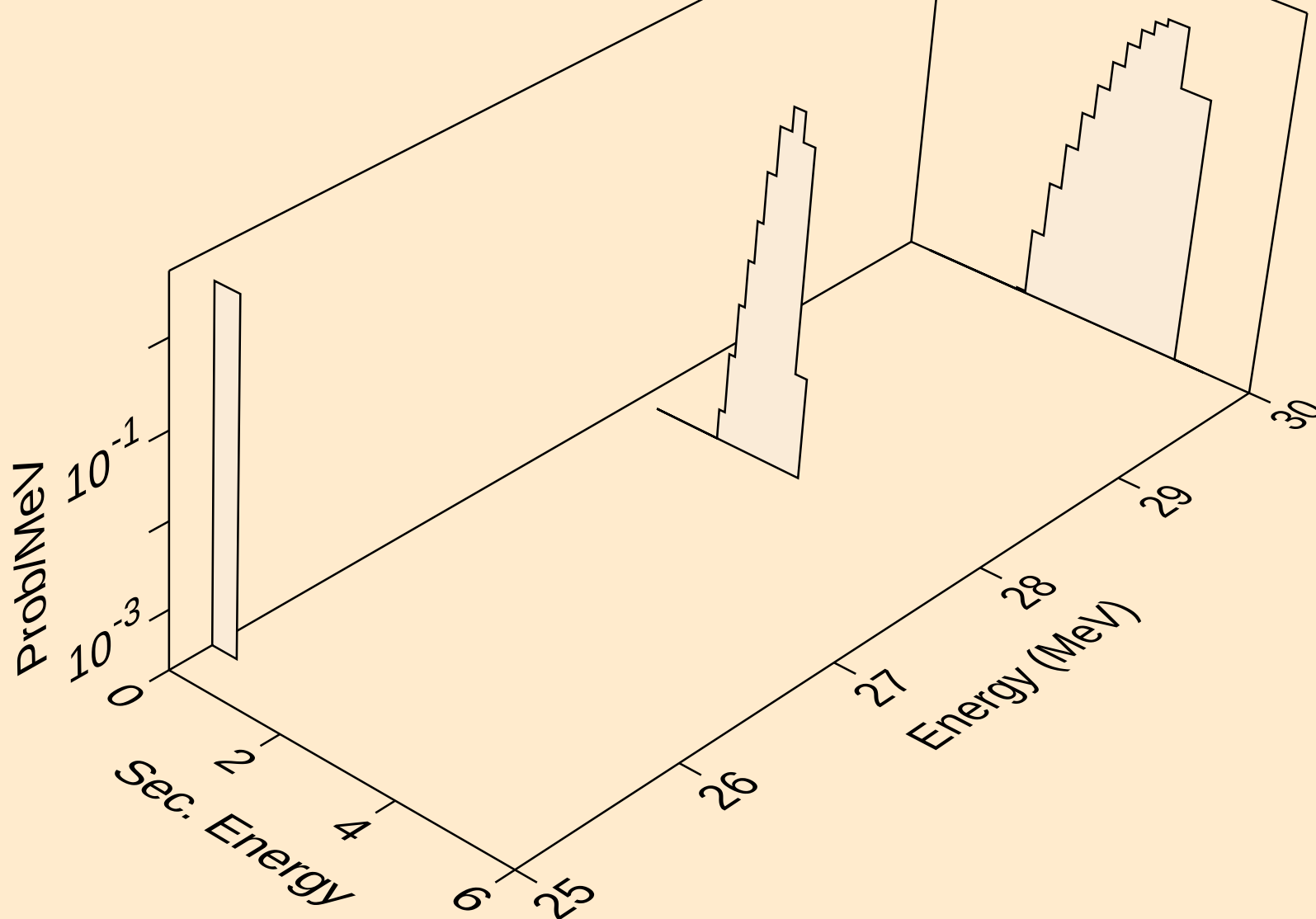
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



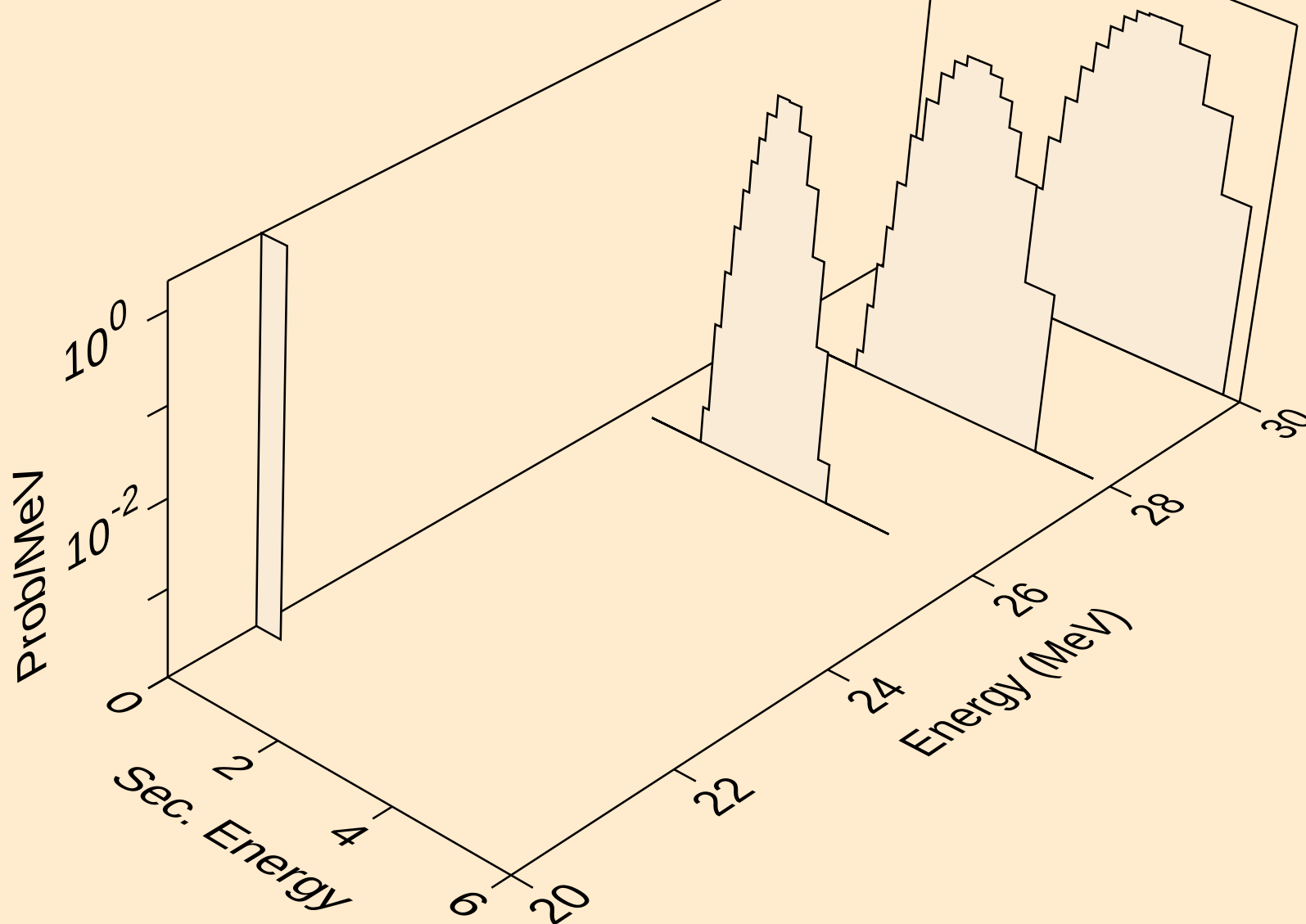
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



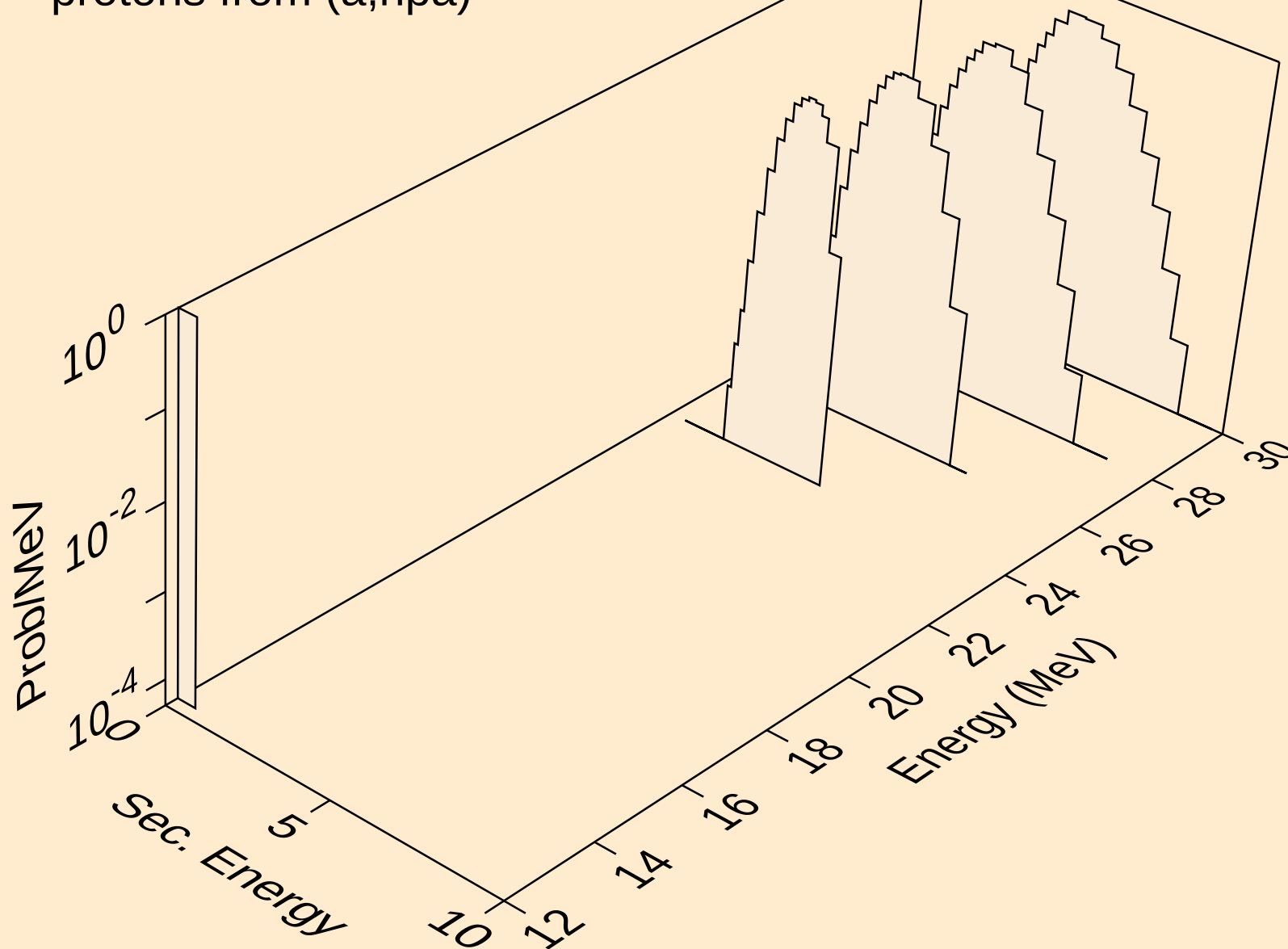
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protons from (a,2np)



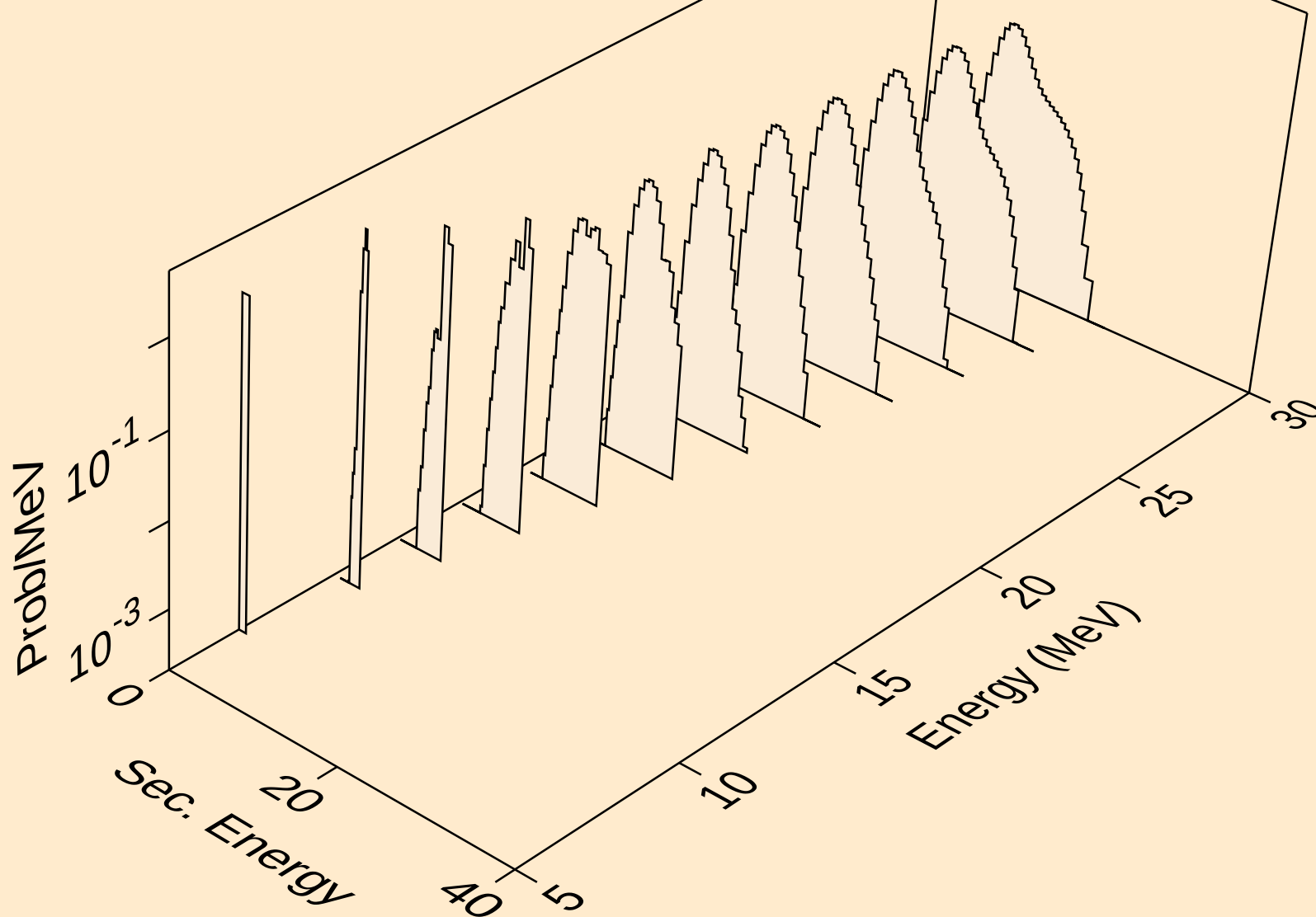
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protons from (a,n2p)



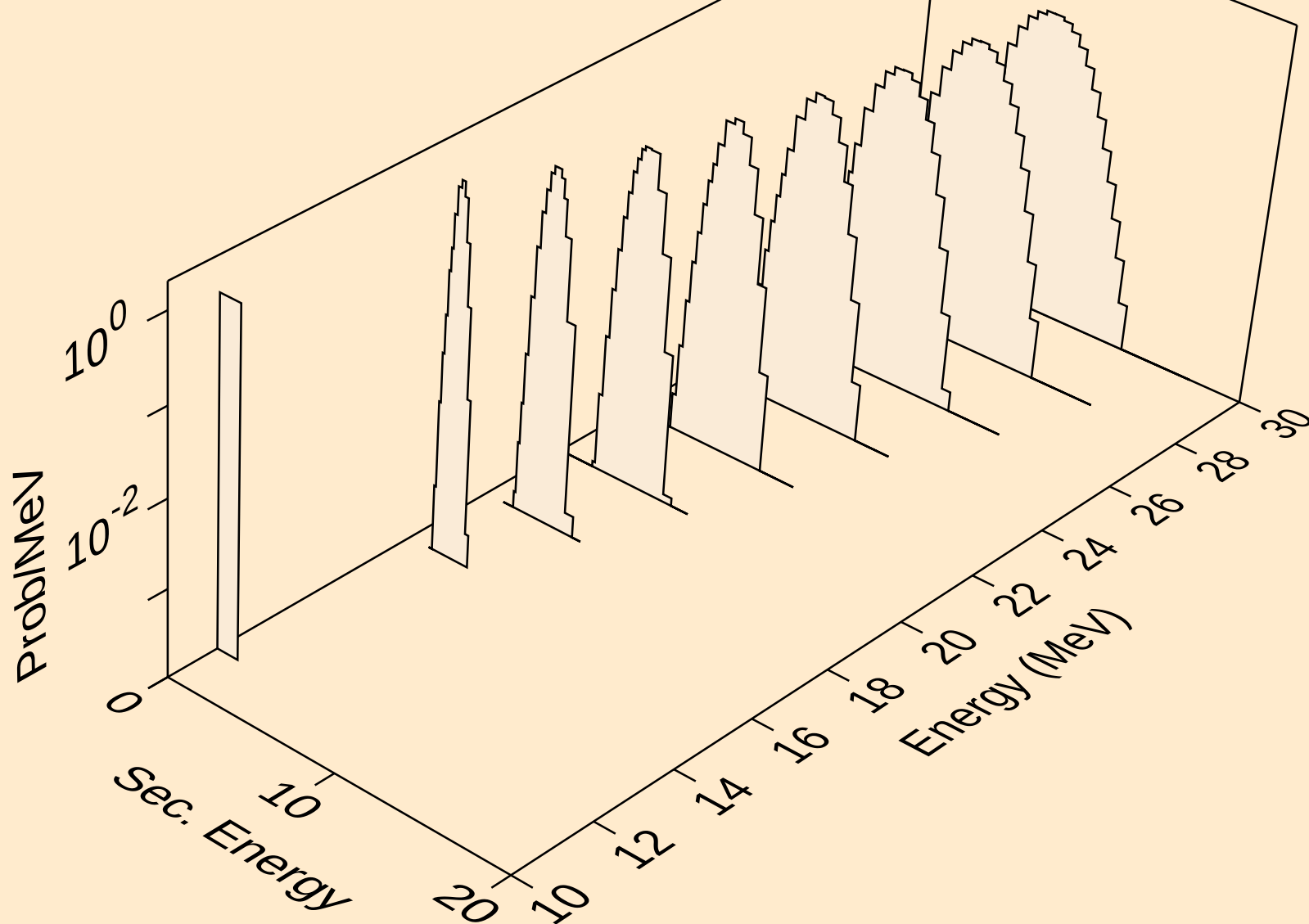
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protons from (a,npa)



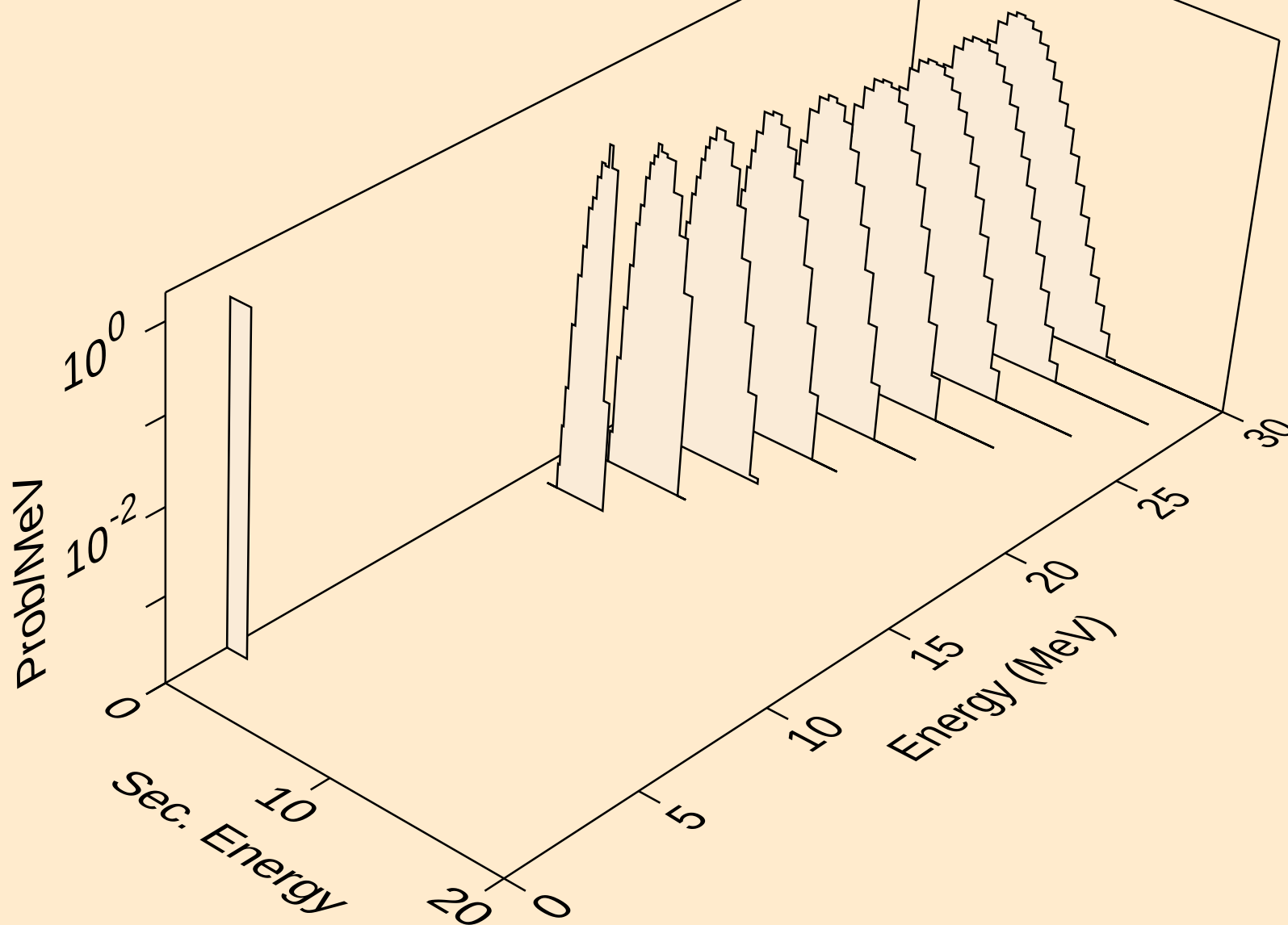
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



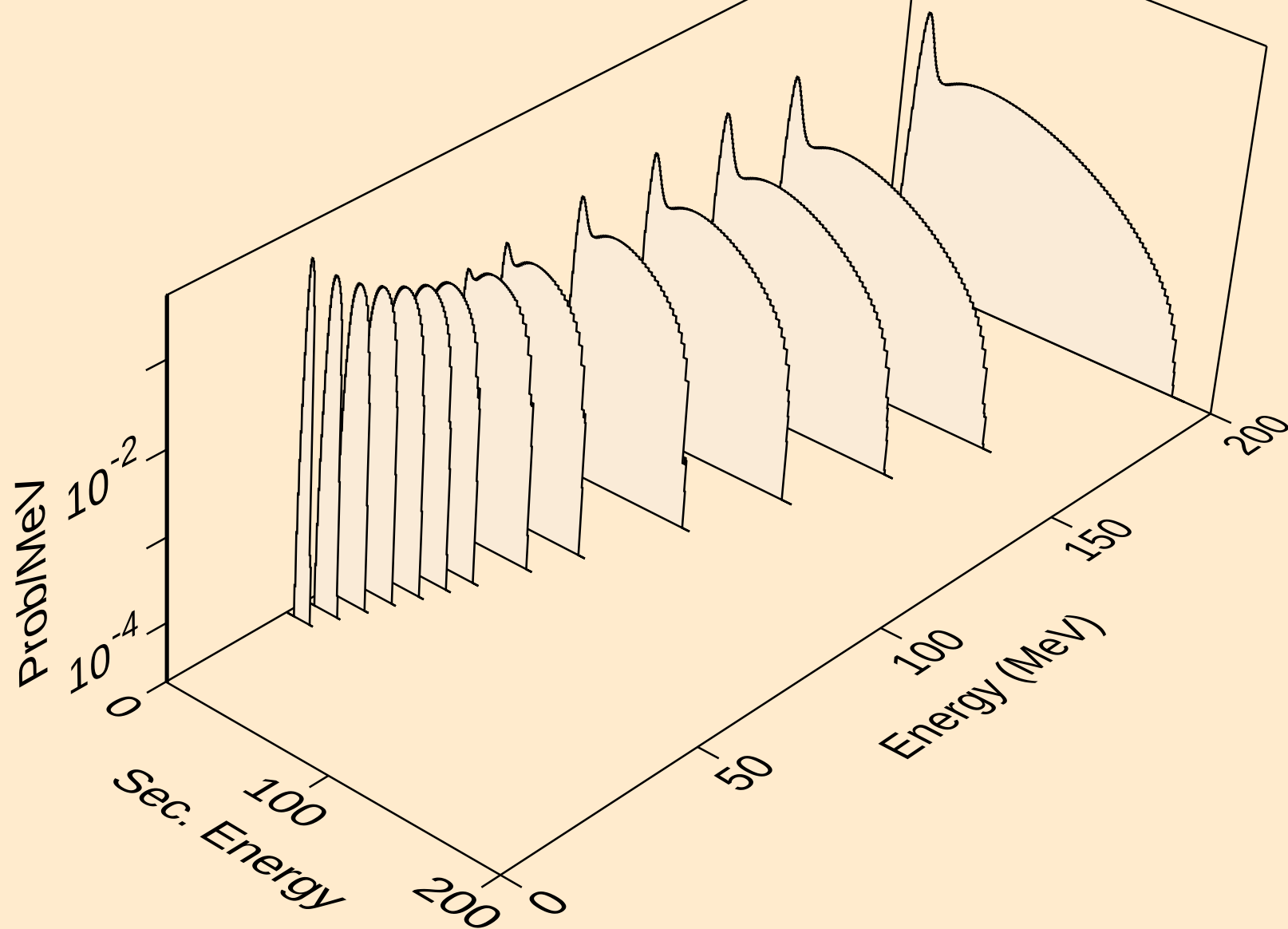
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



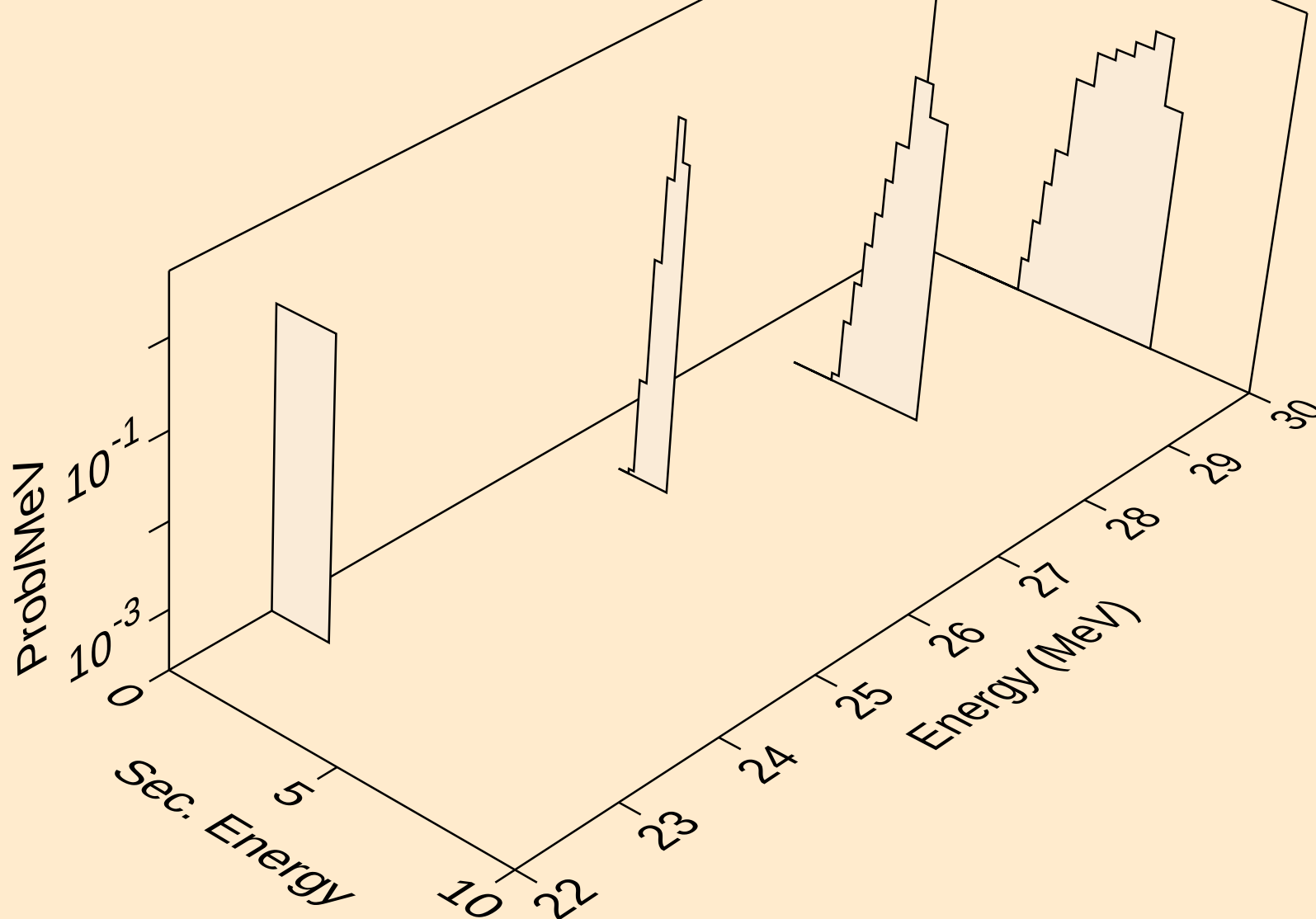
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protons from (a,pa)



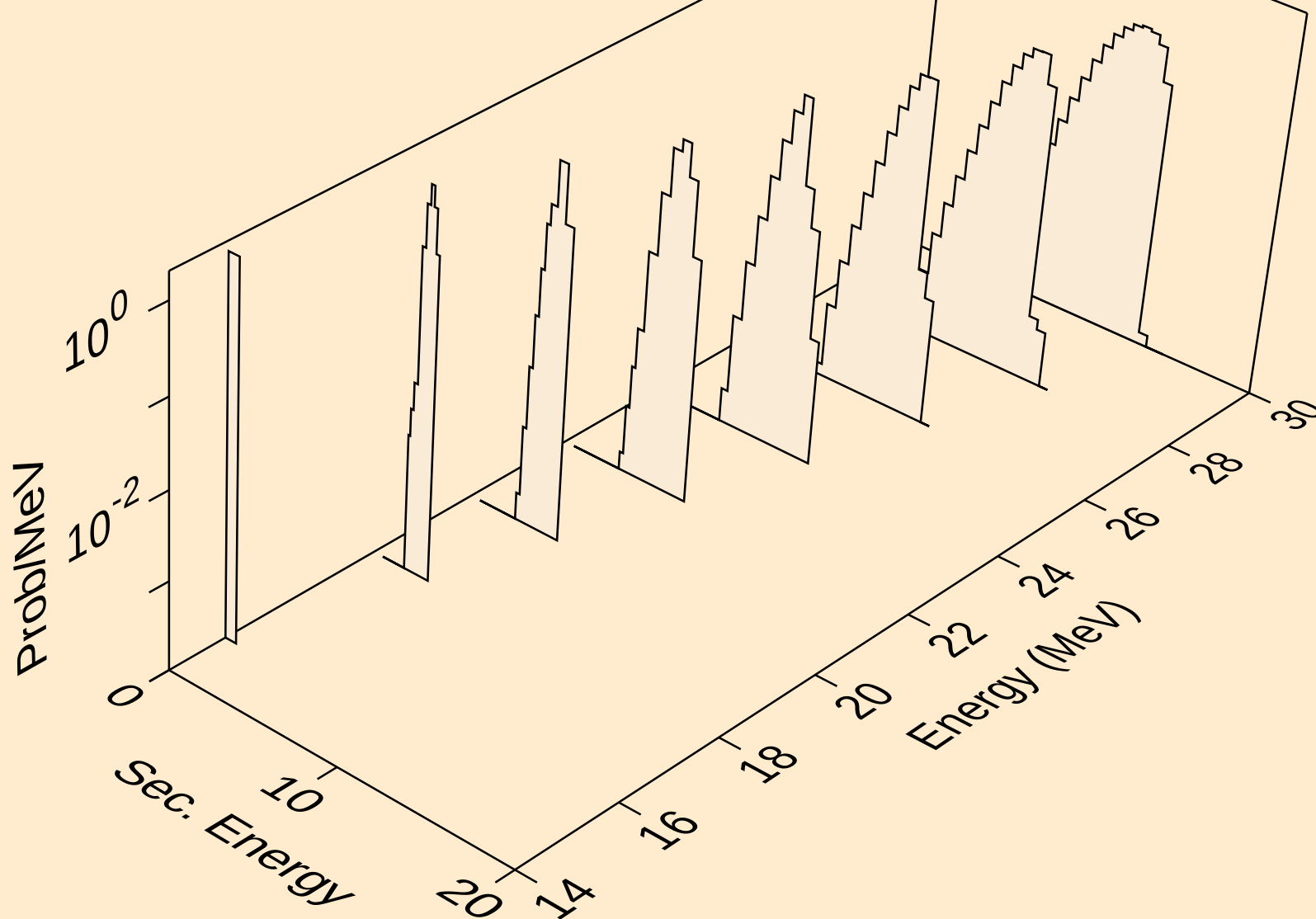
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



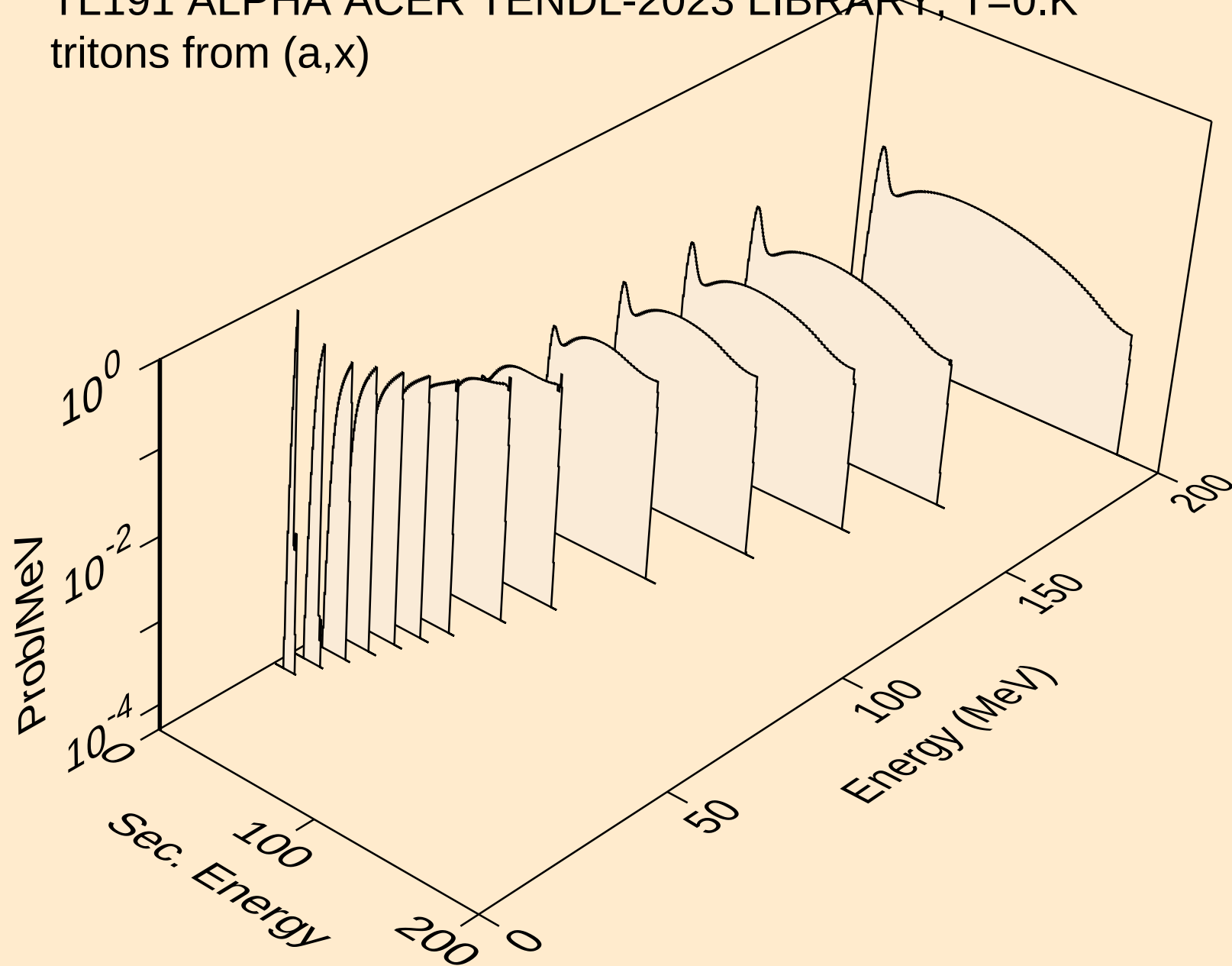
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



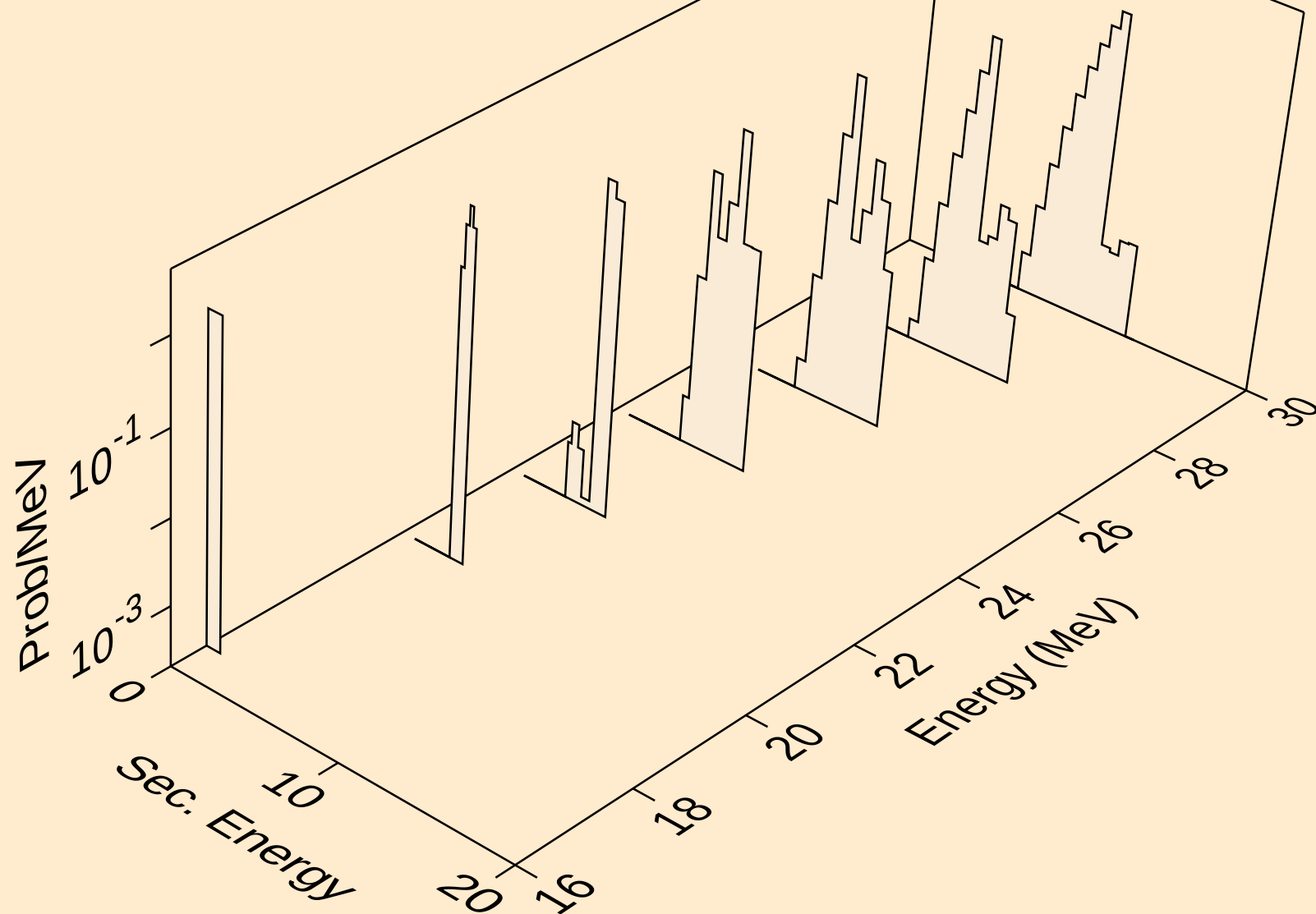
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



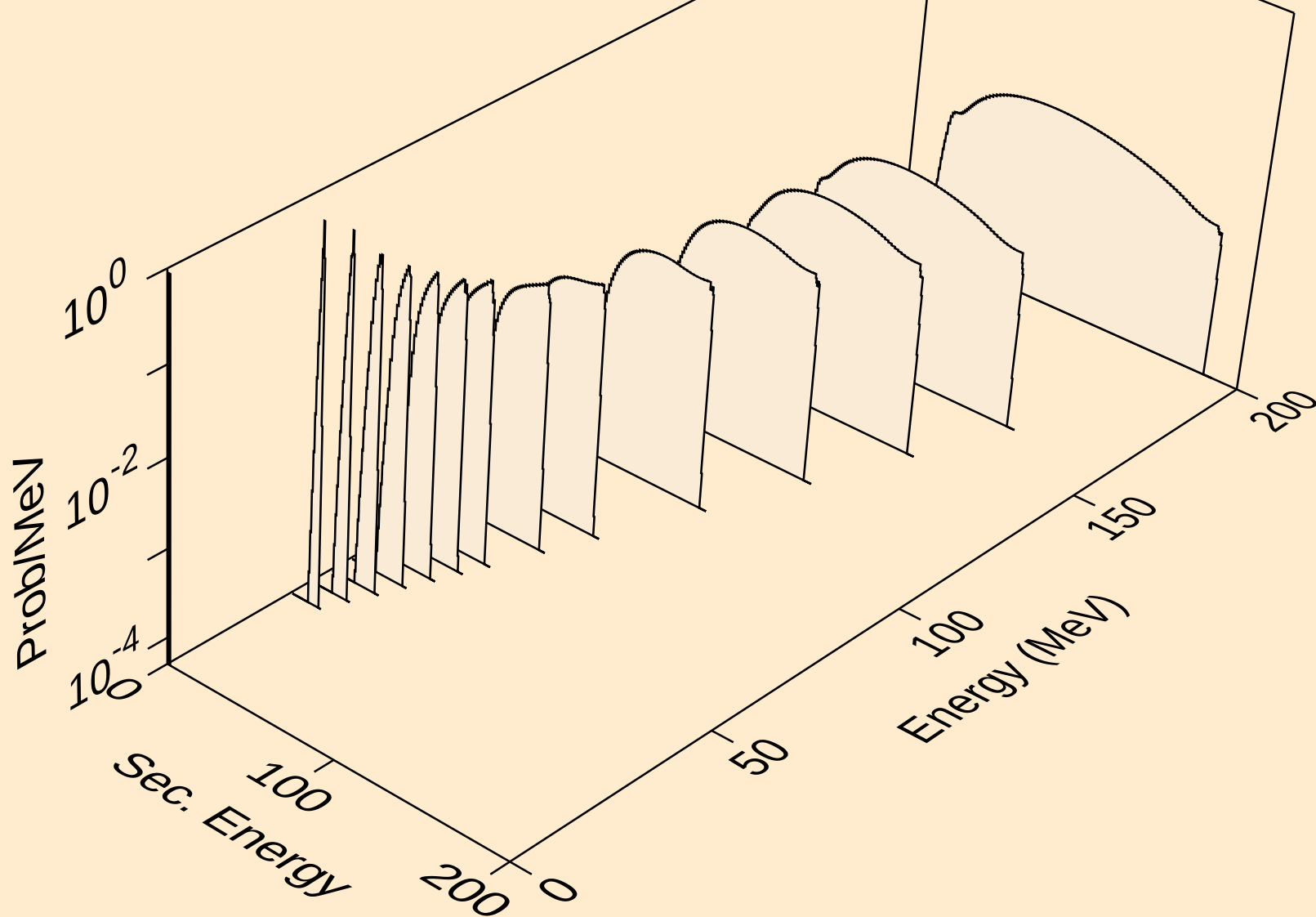
TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



TL191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

