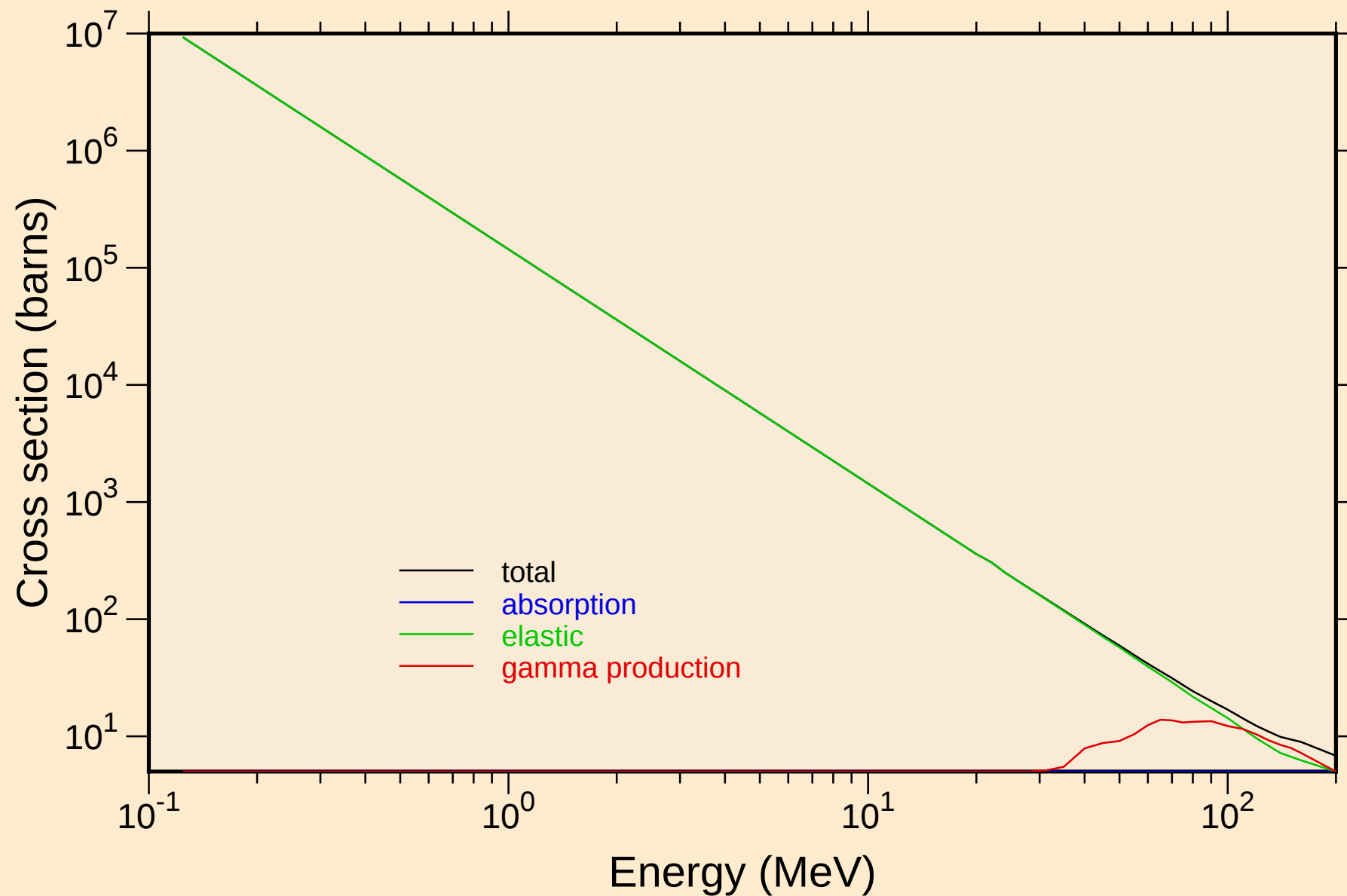


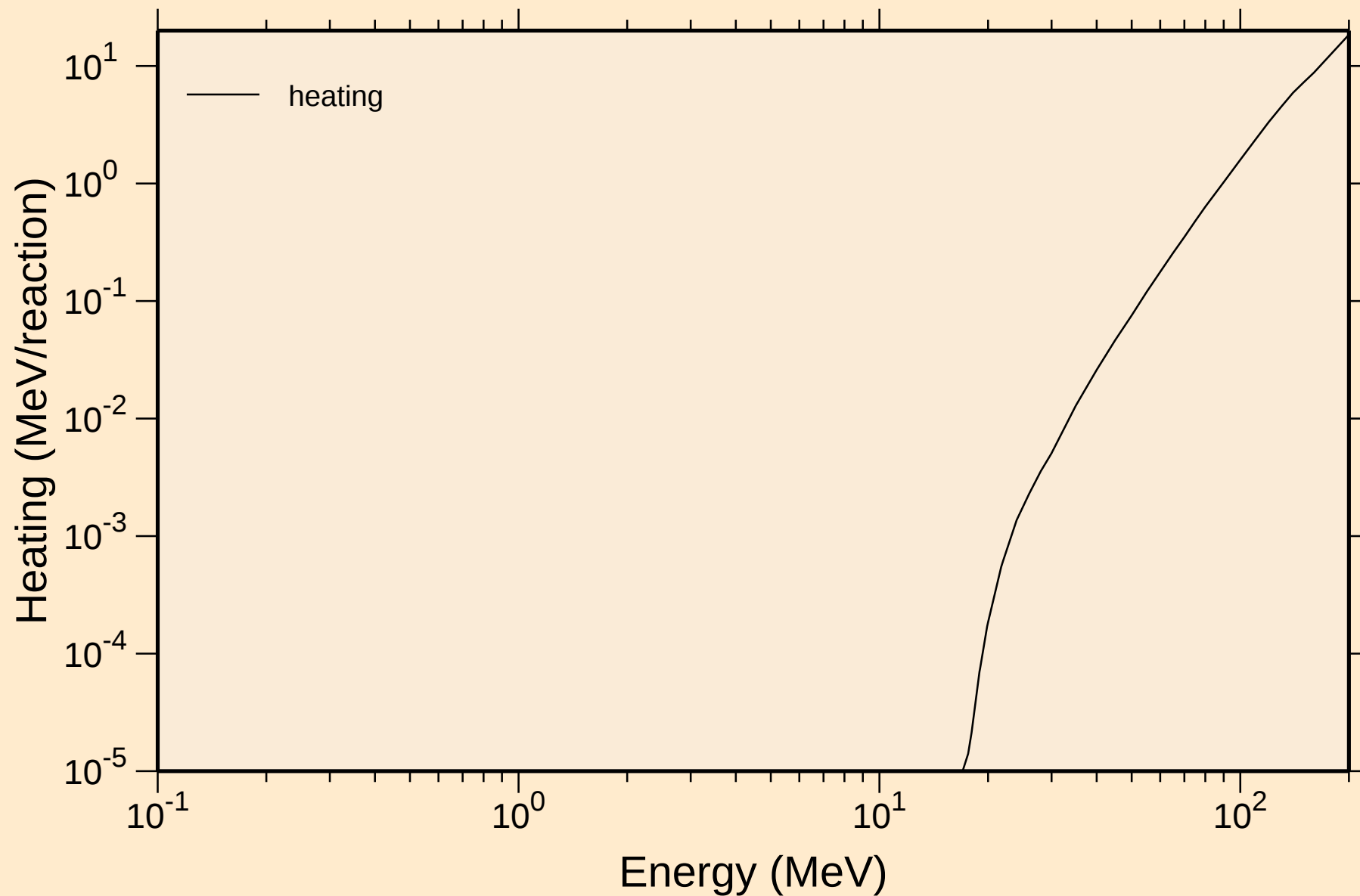
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



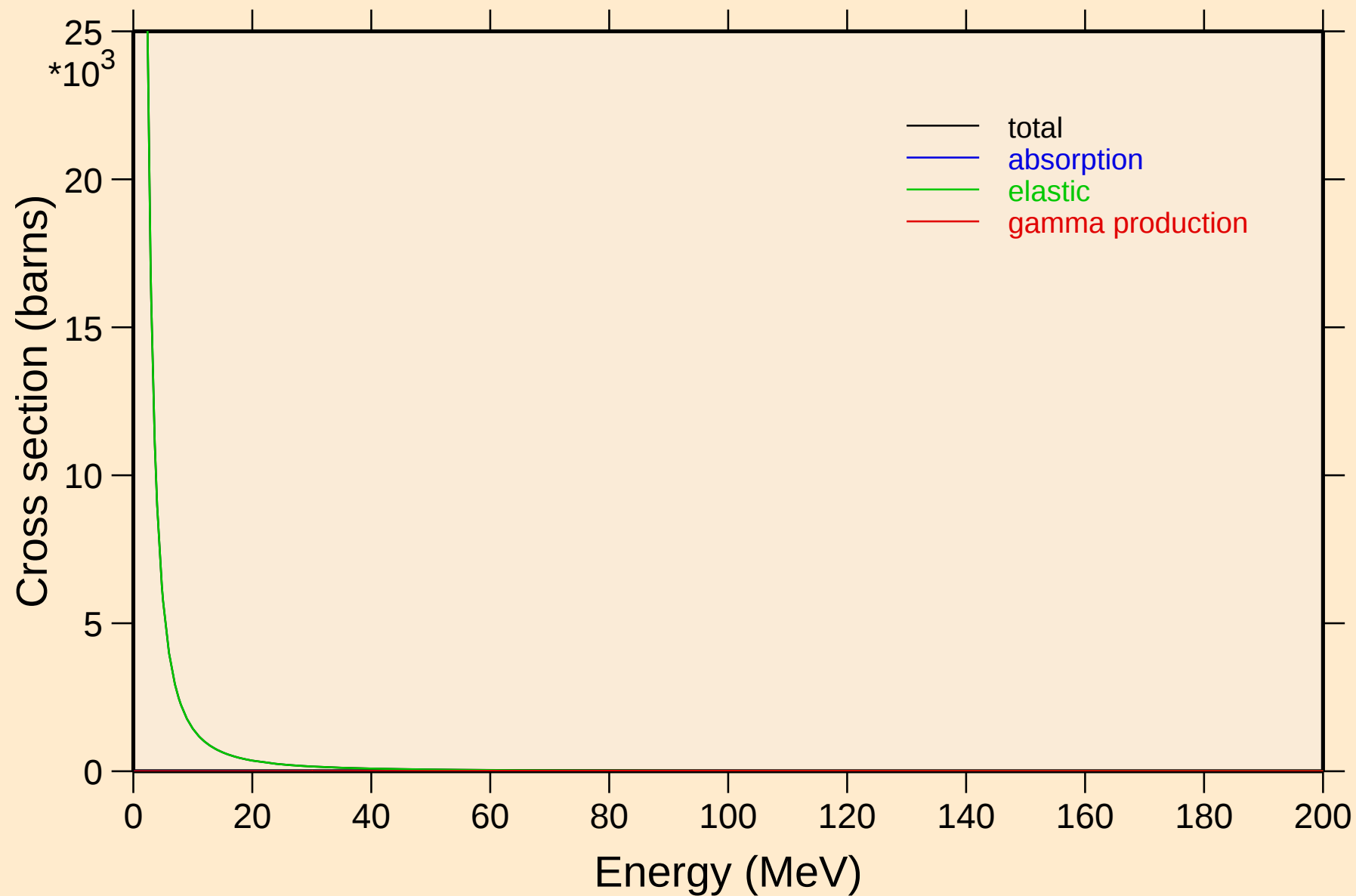
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



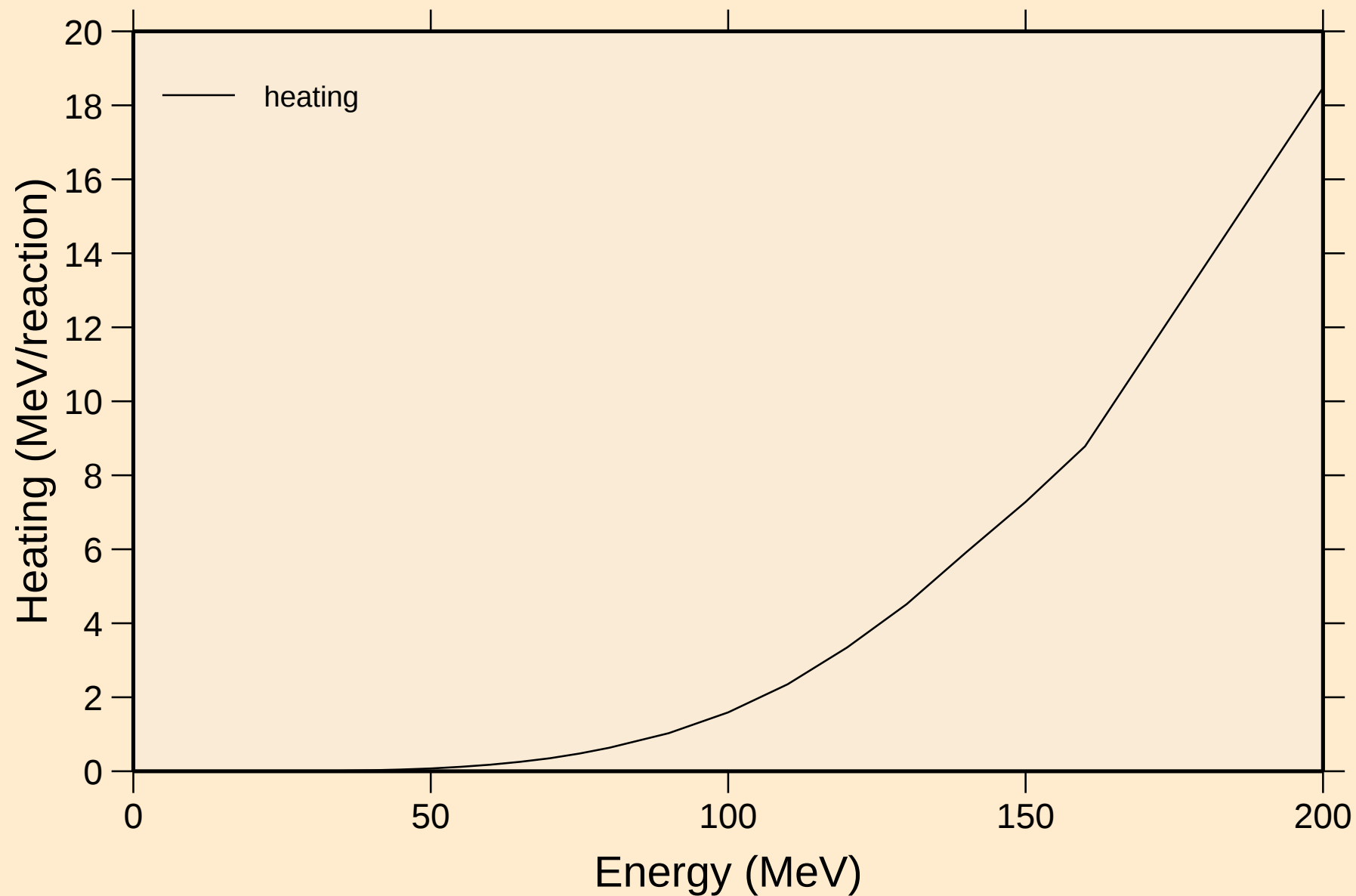
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



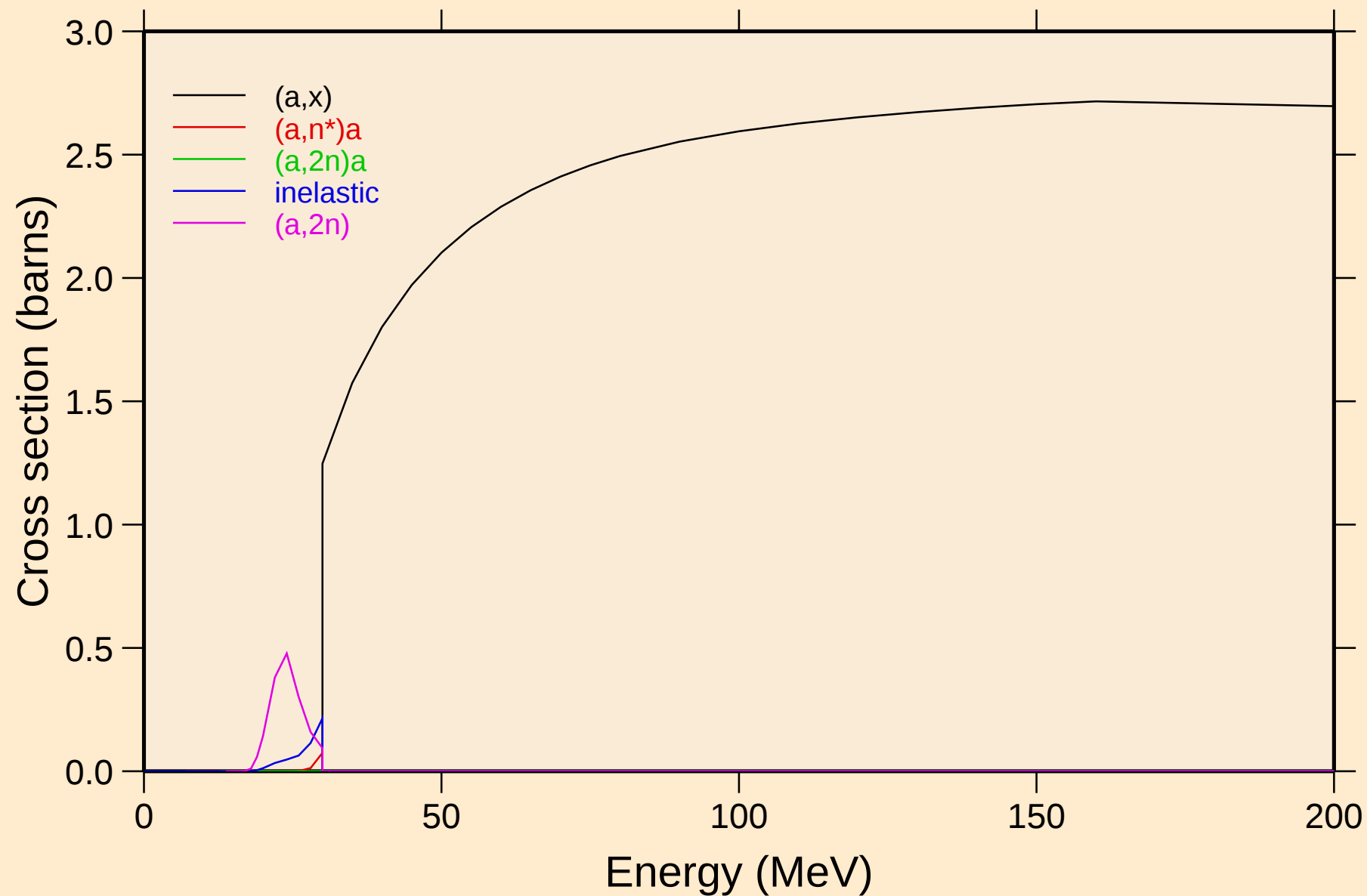
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



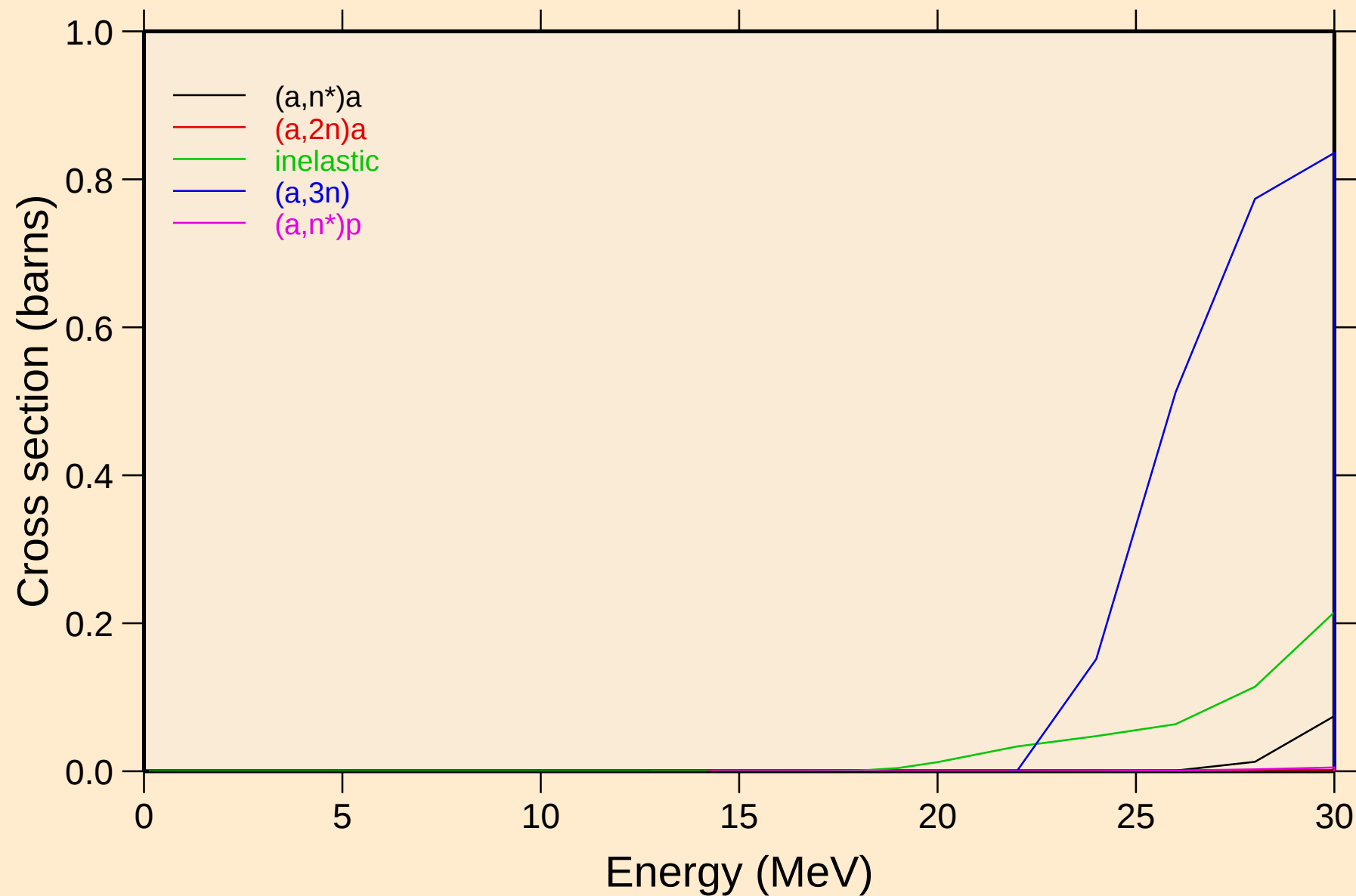
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



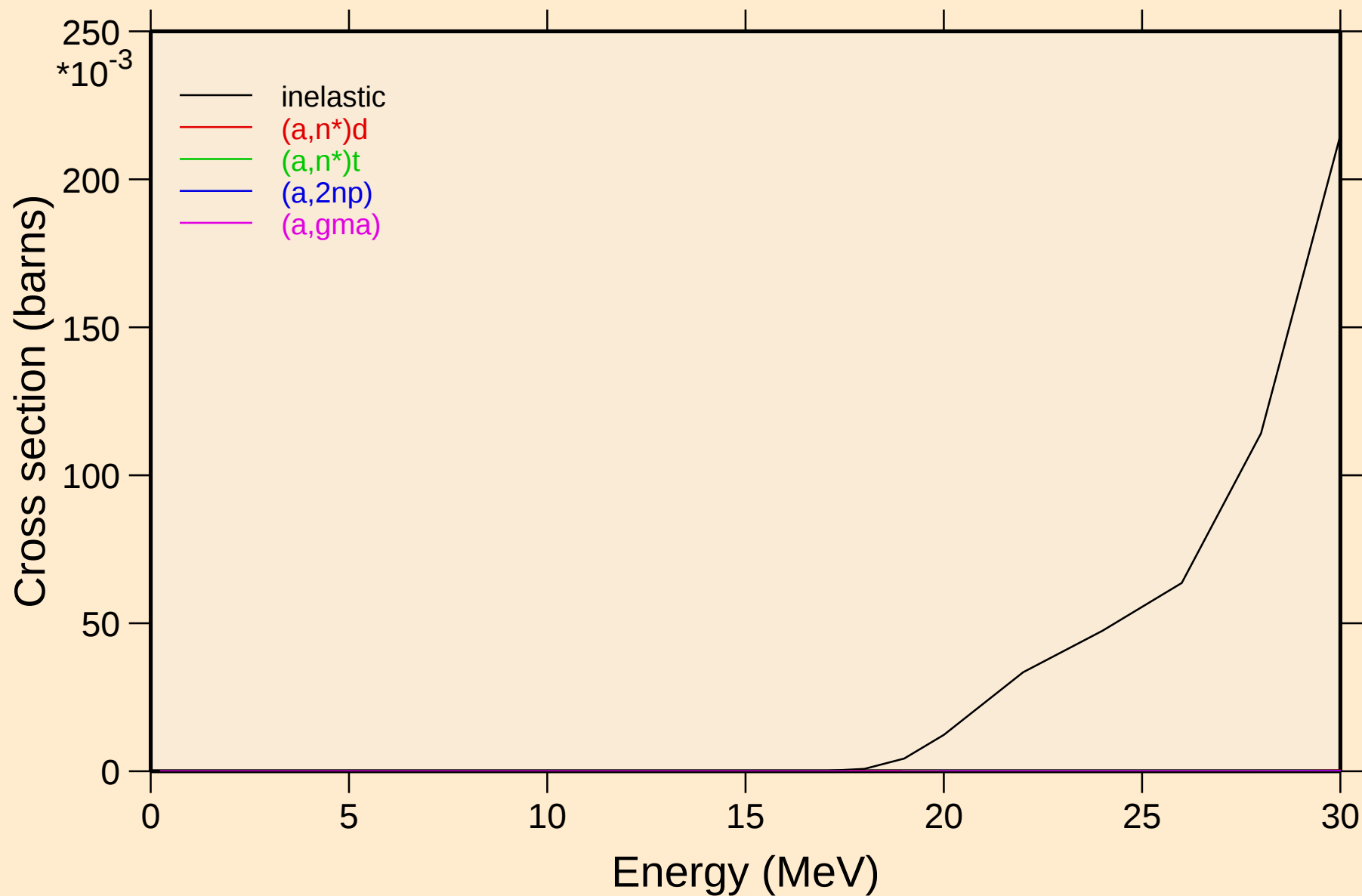
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



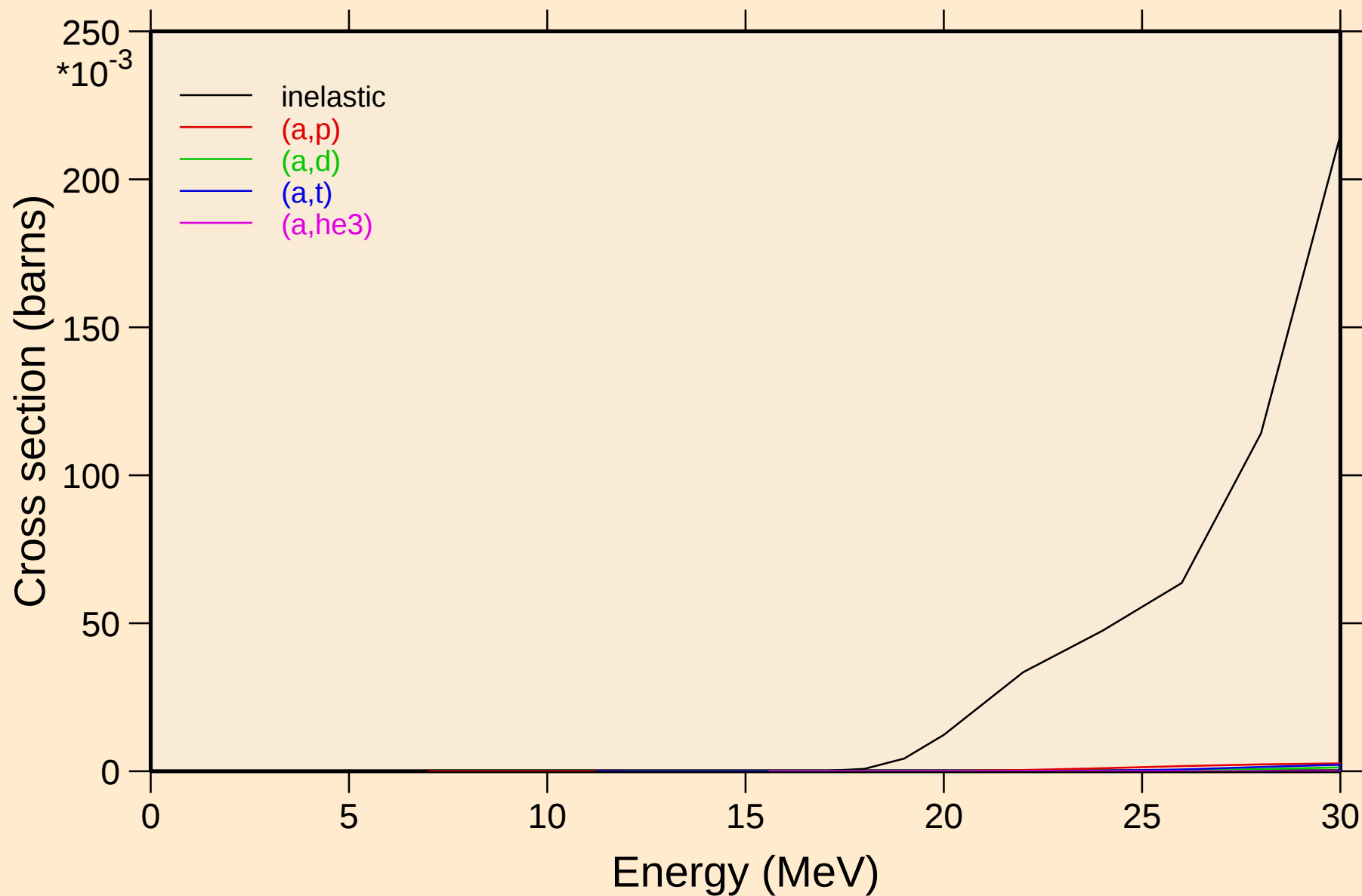
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



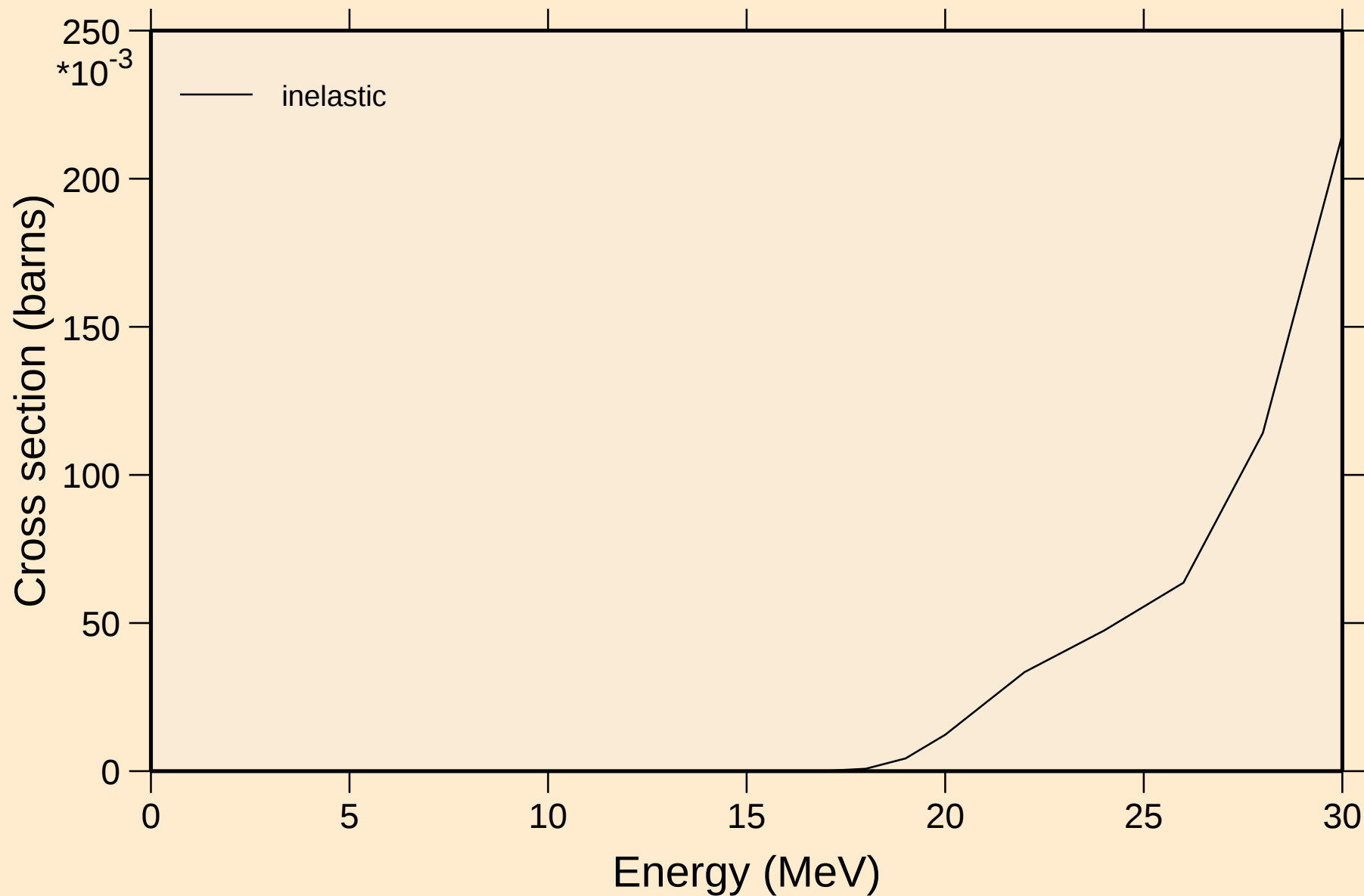
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

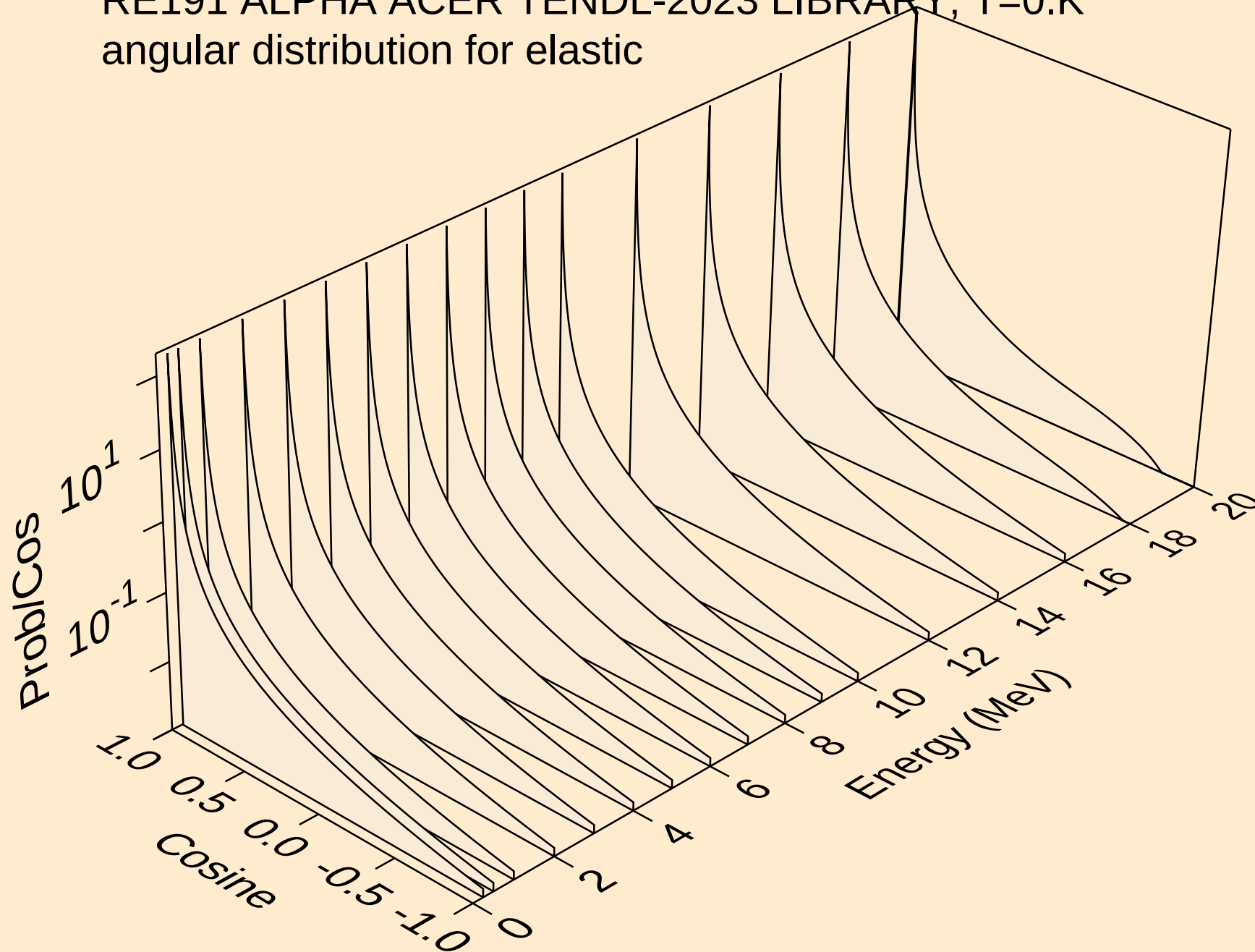


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

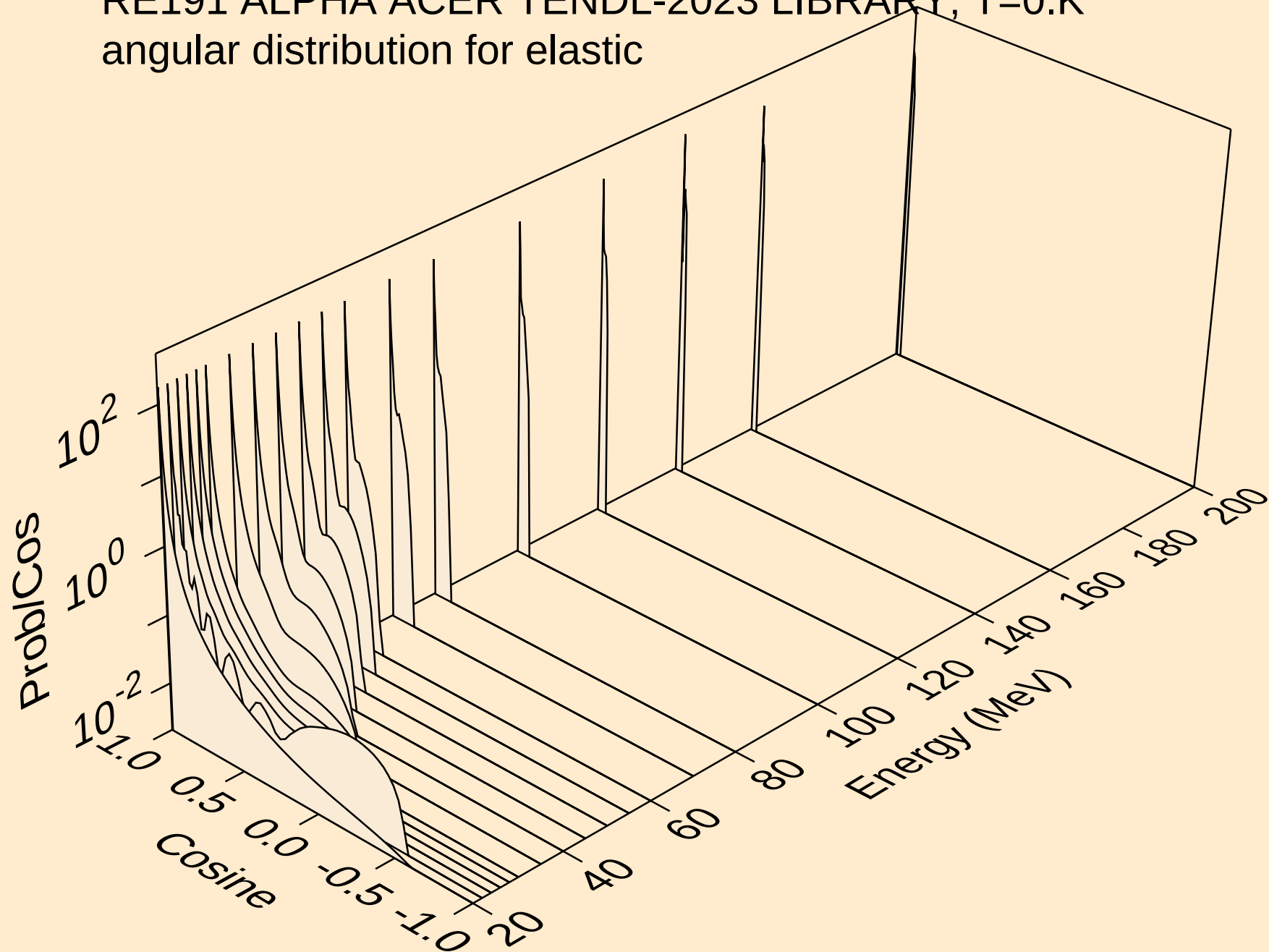
Threshold reactions



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

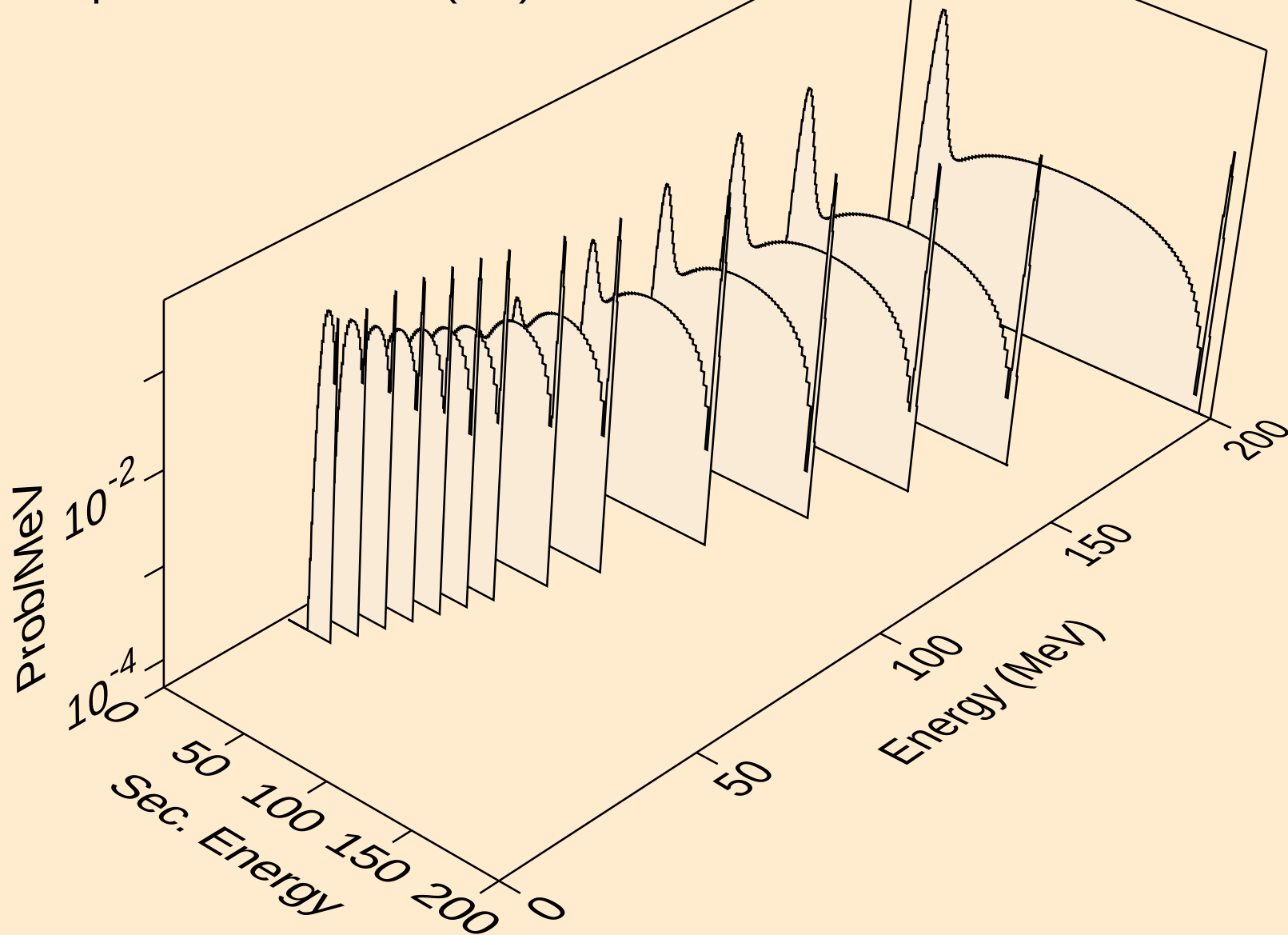


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



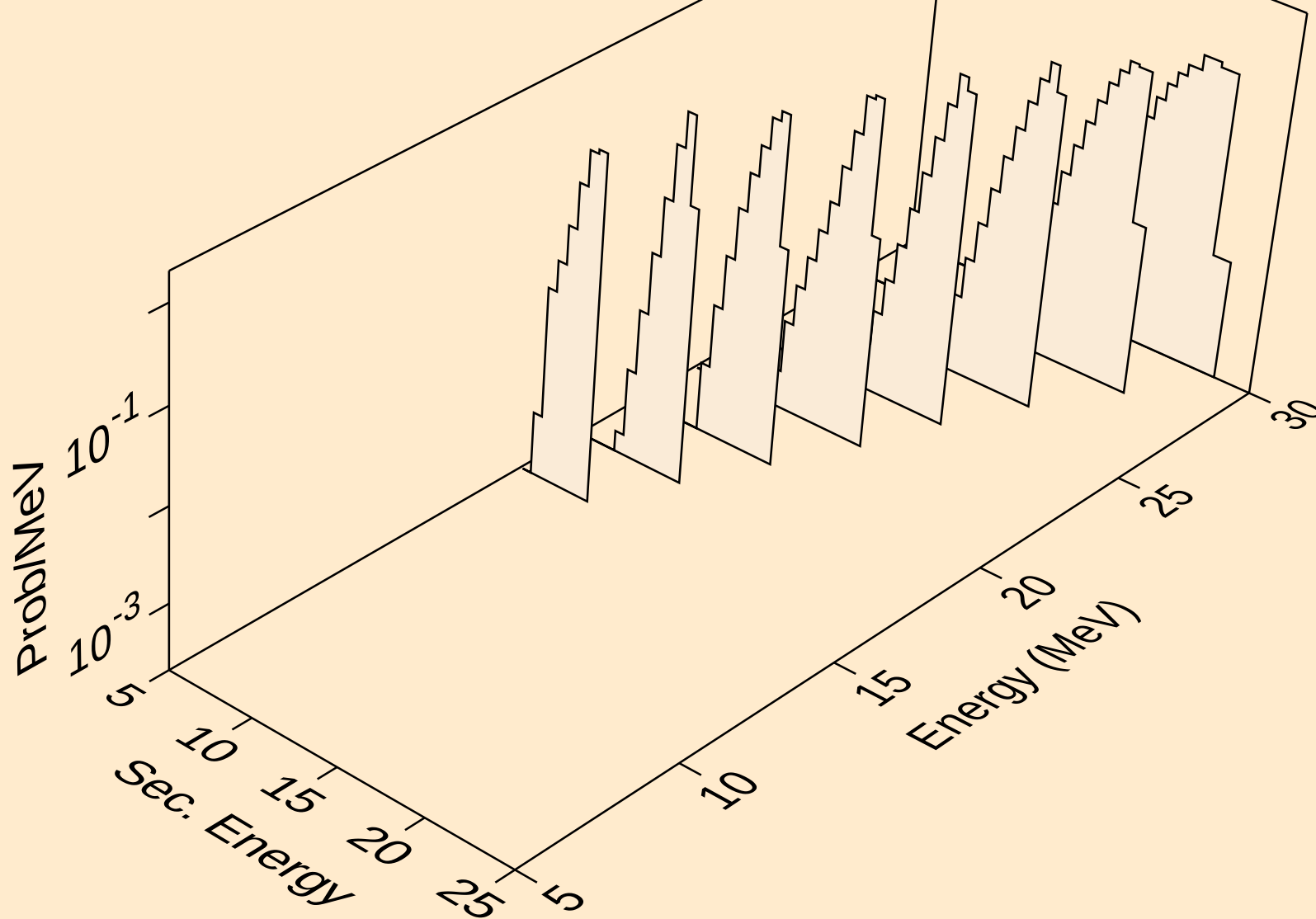
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



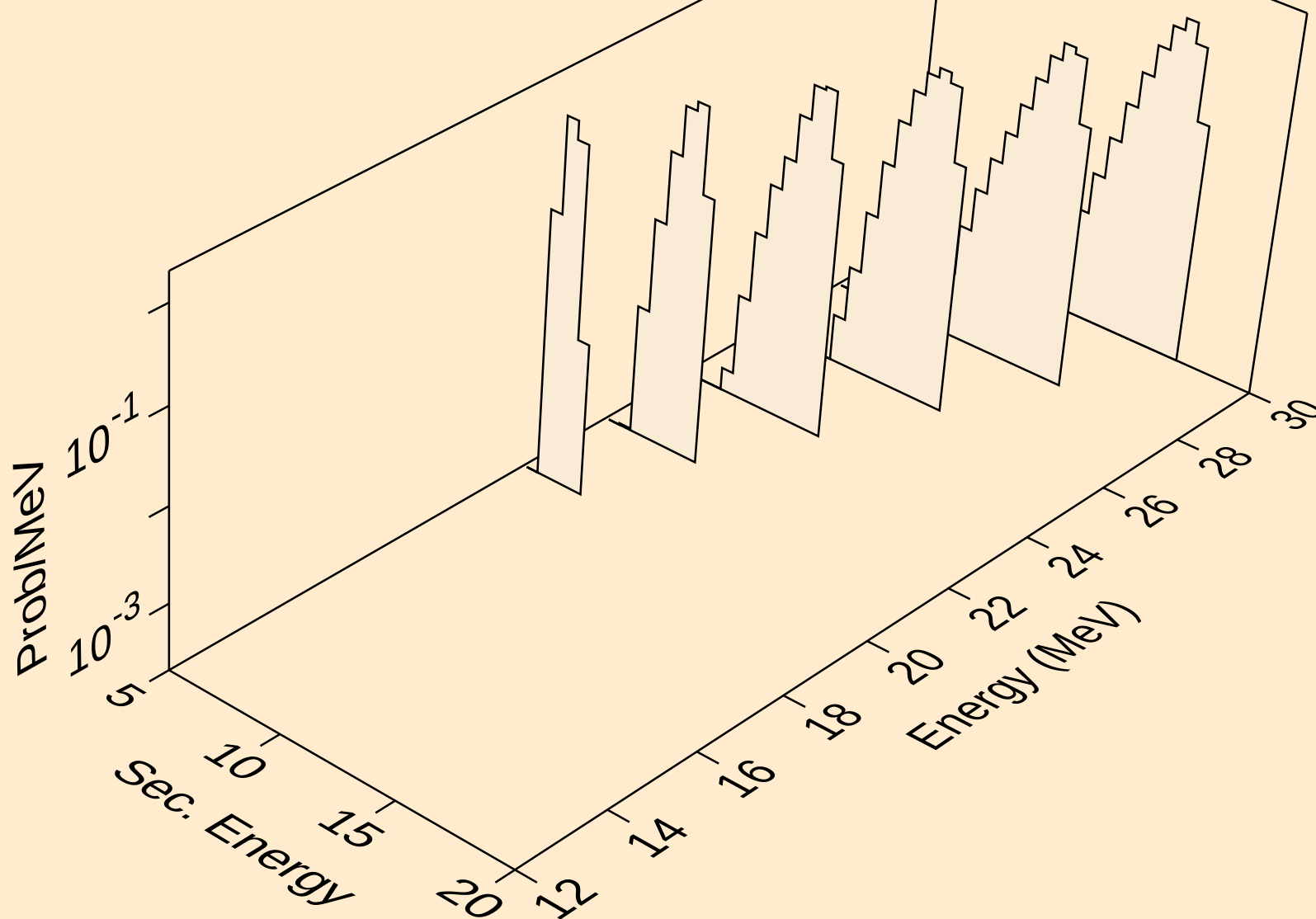
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



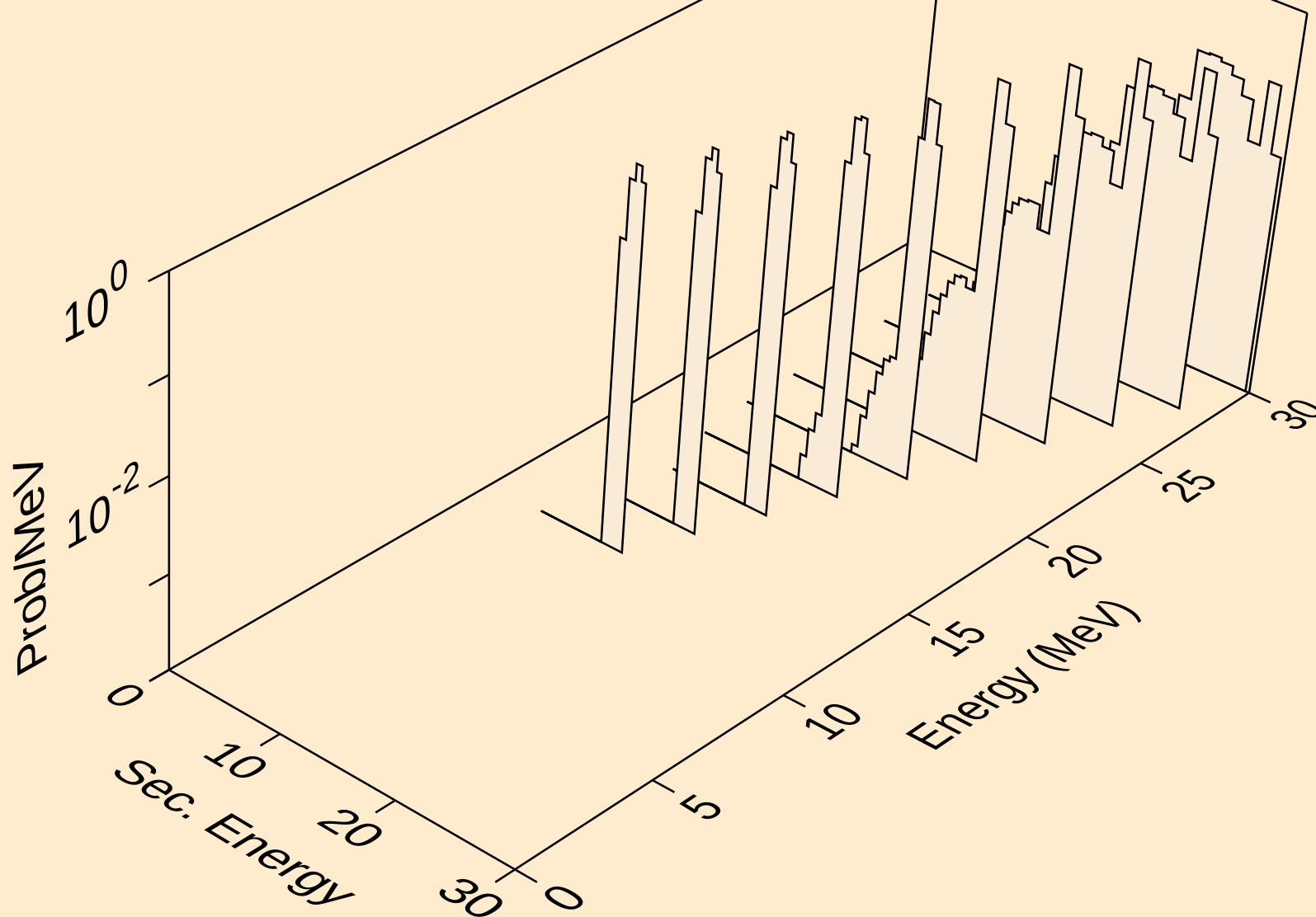
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a

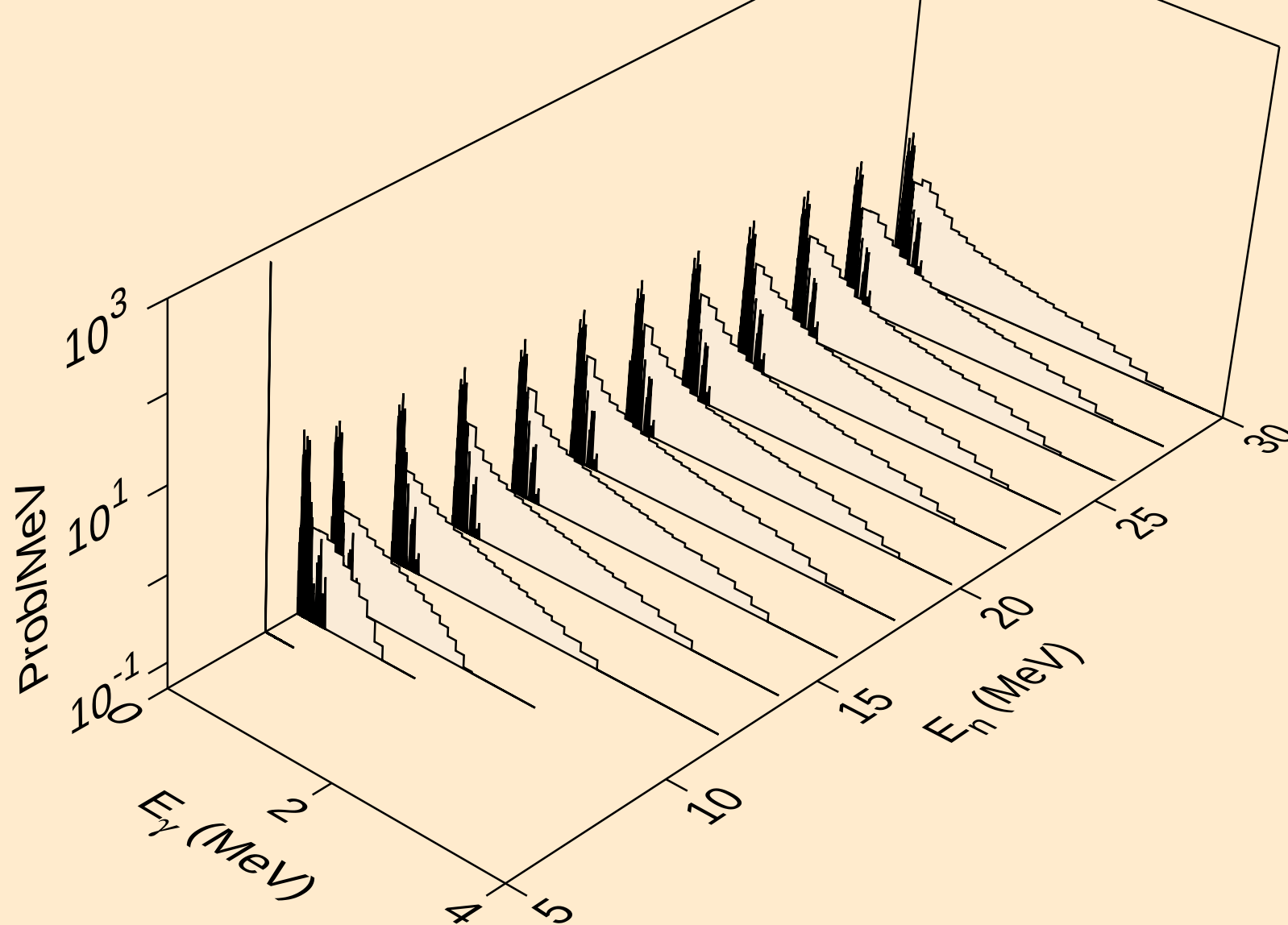


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

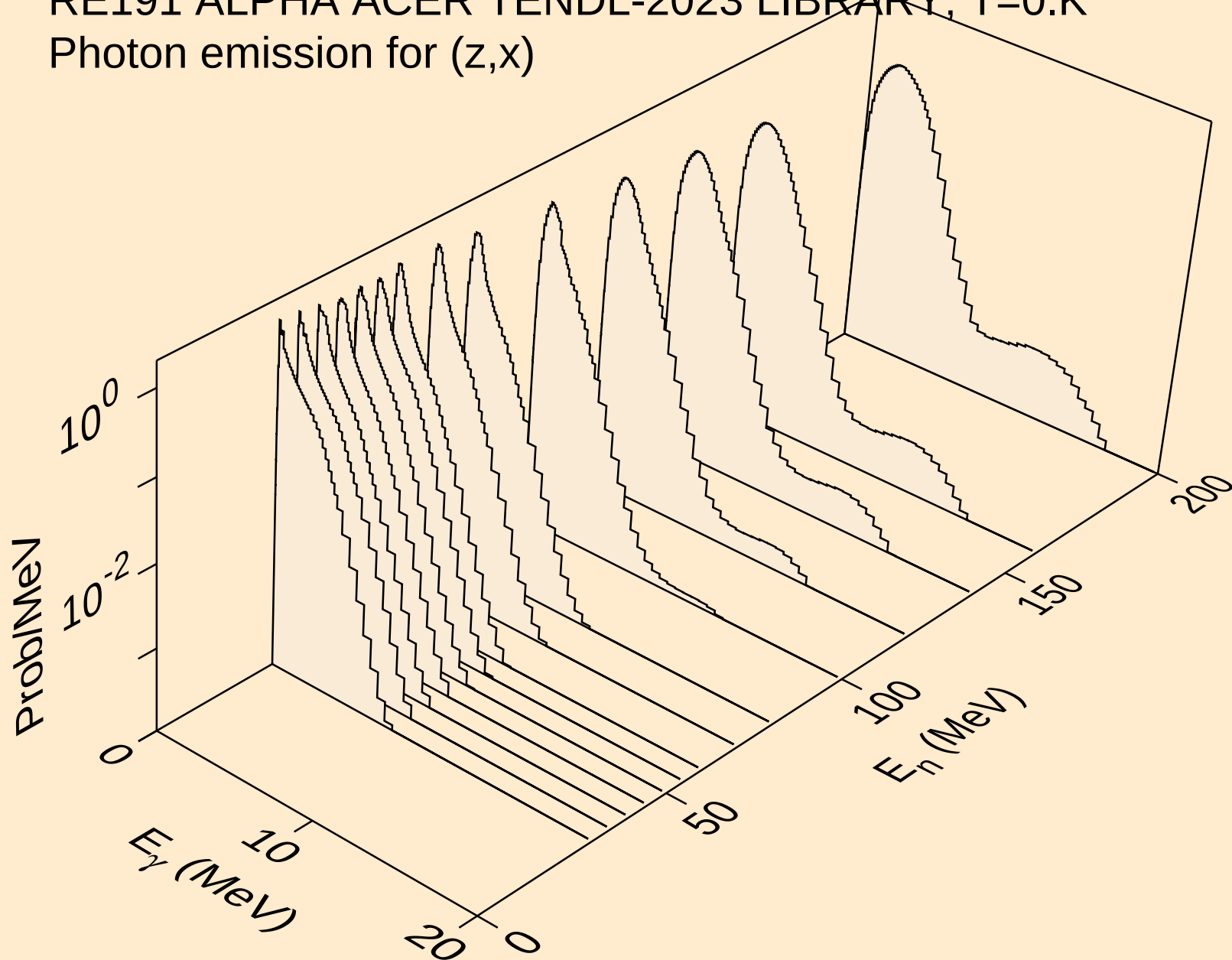


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

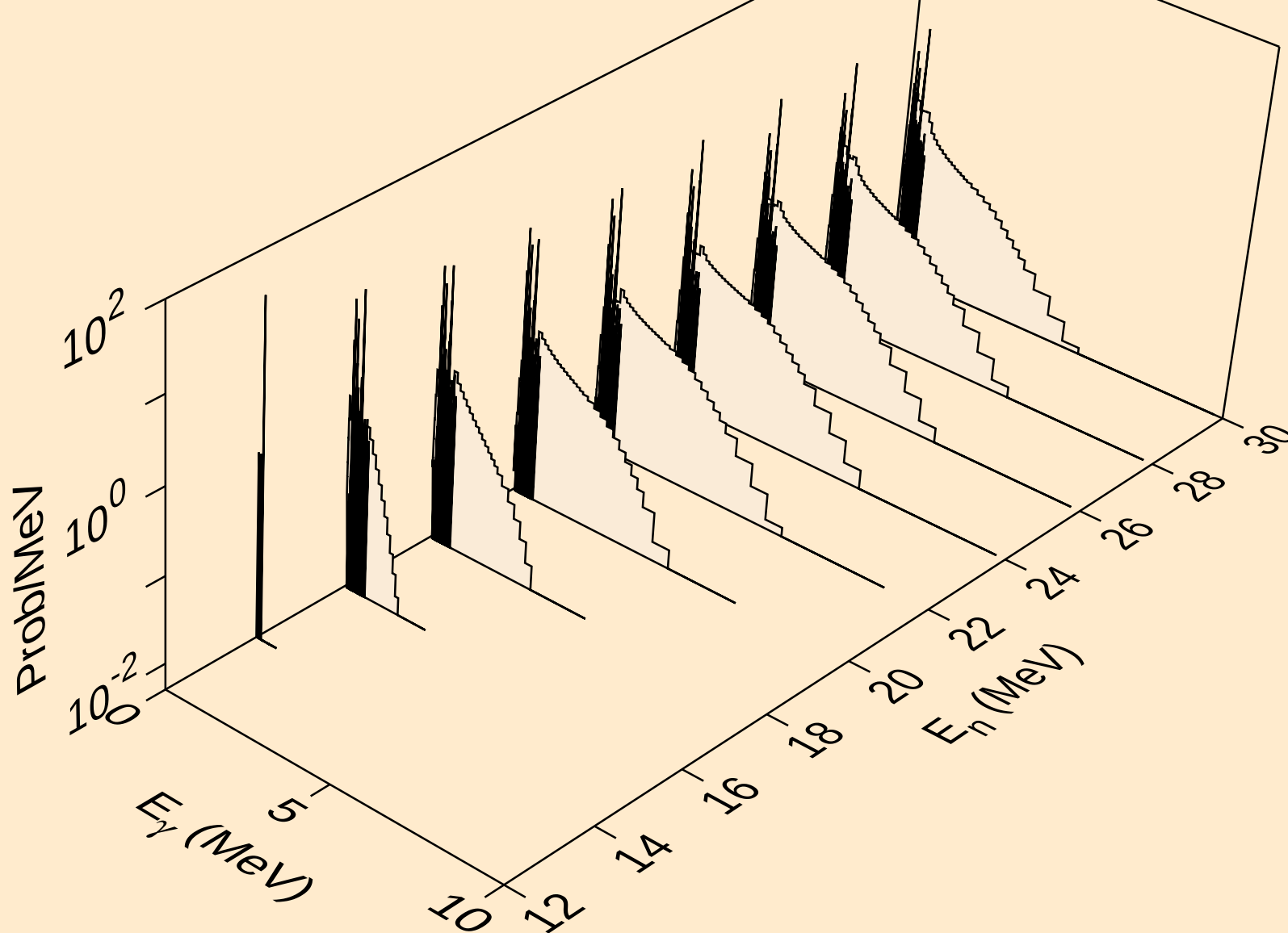


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

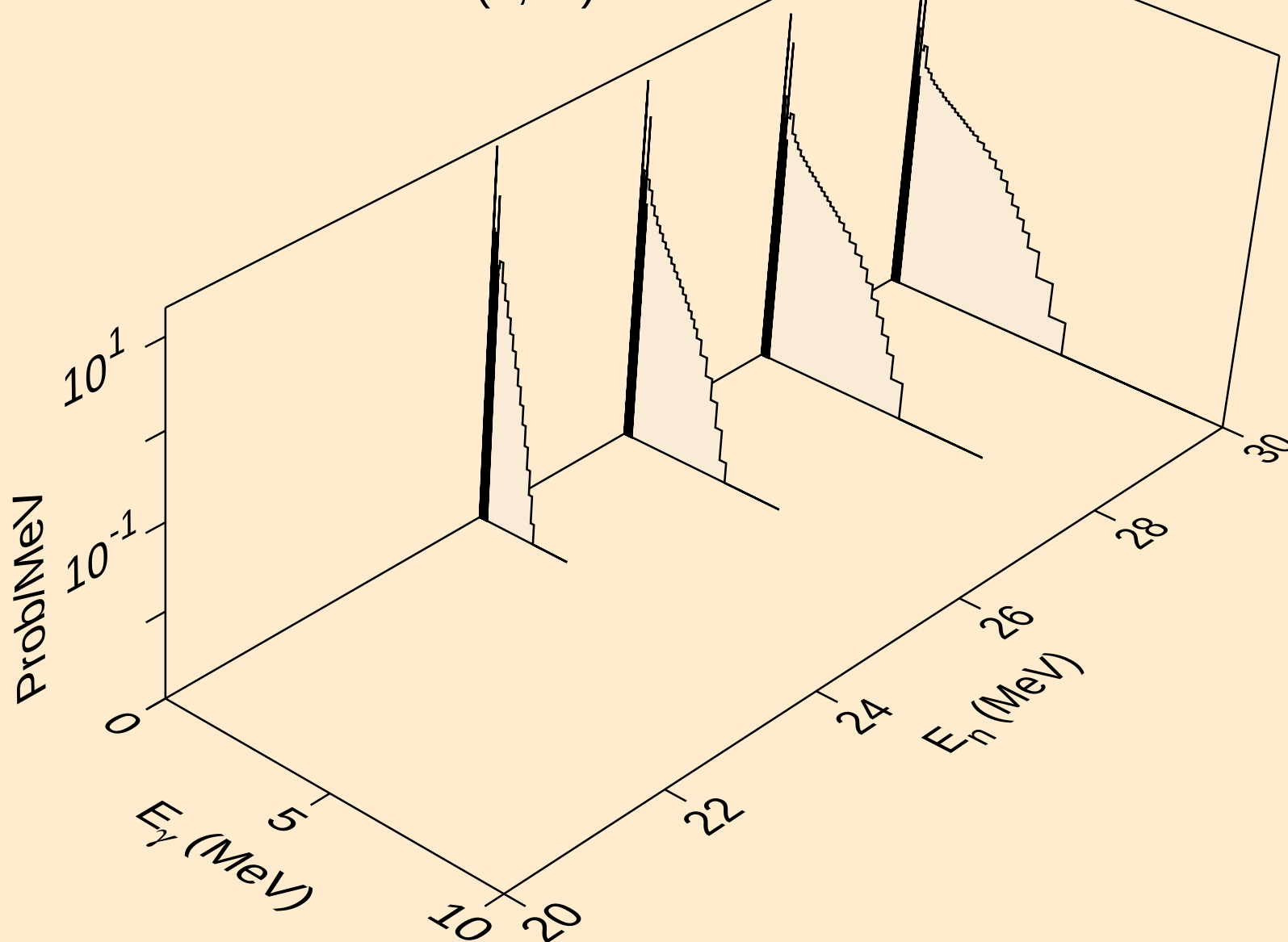
Photon emission for (z,x)



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

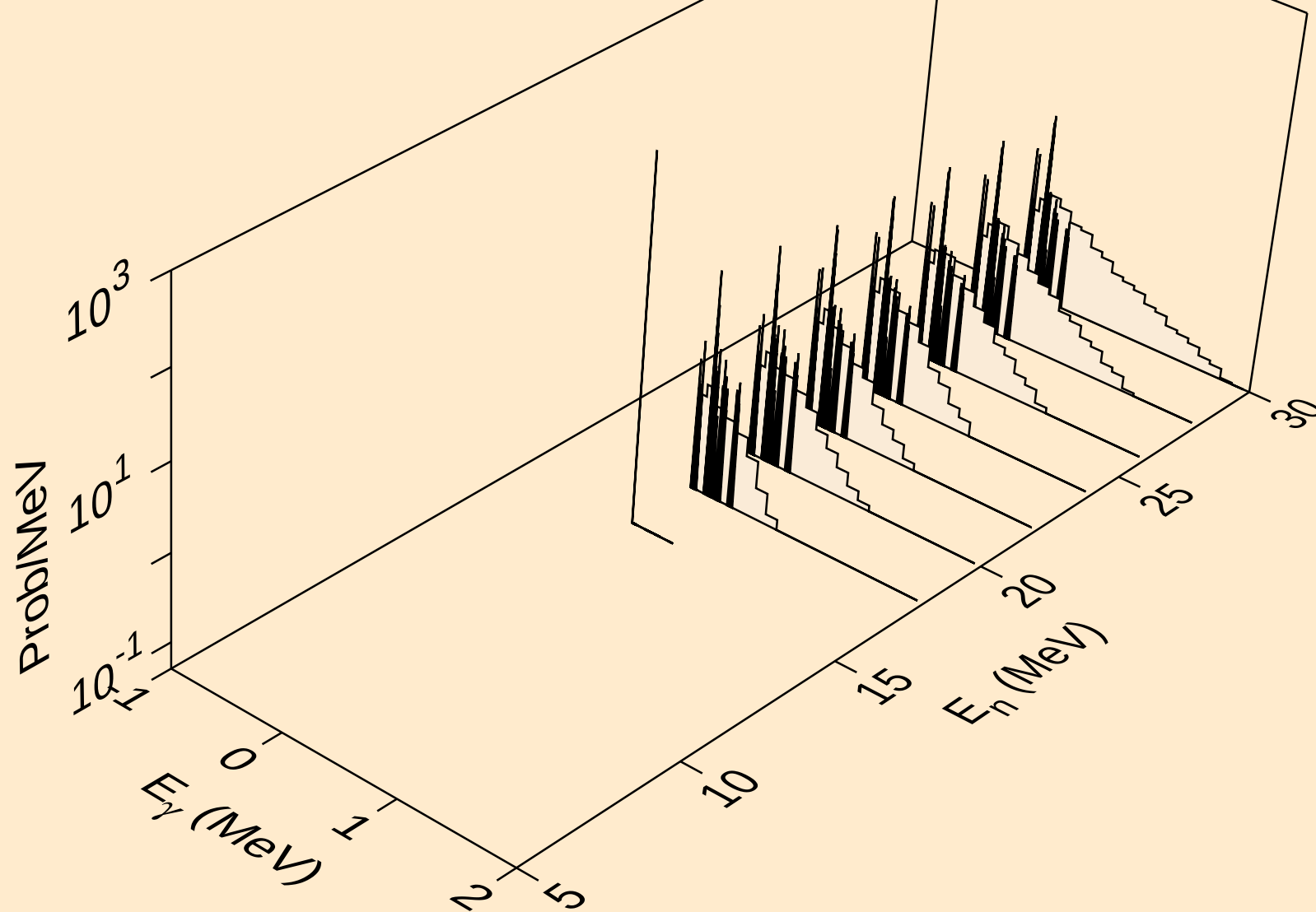


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



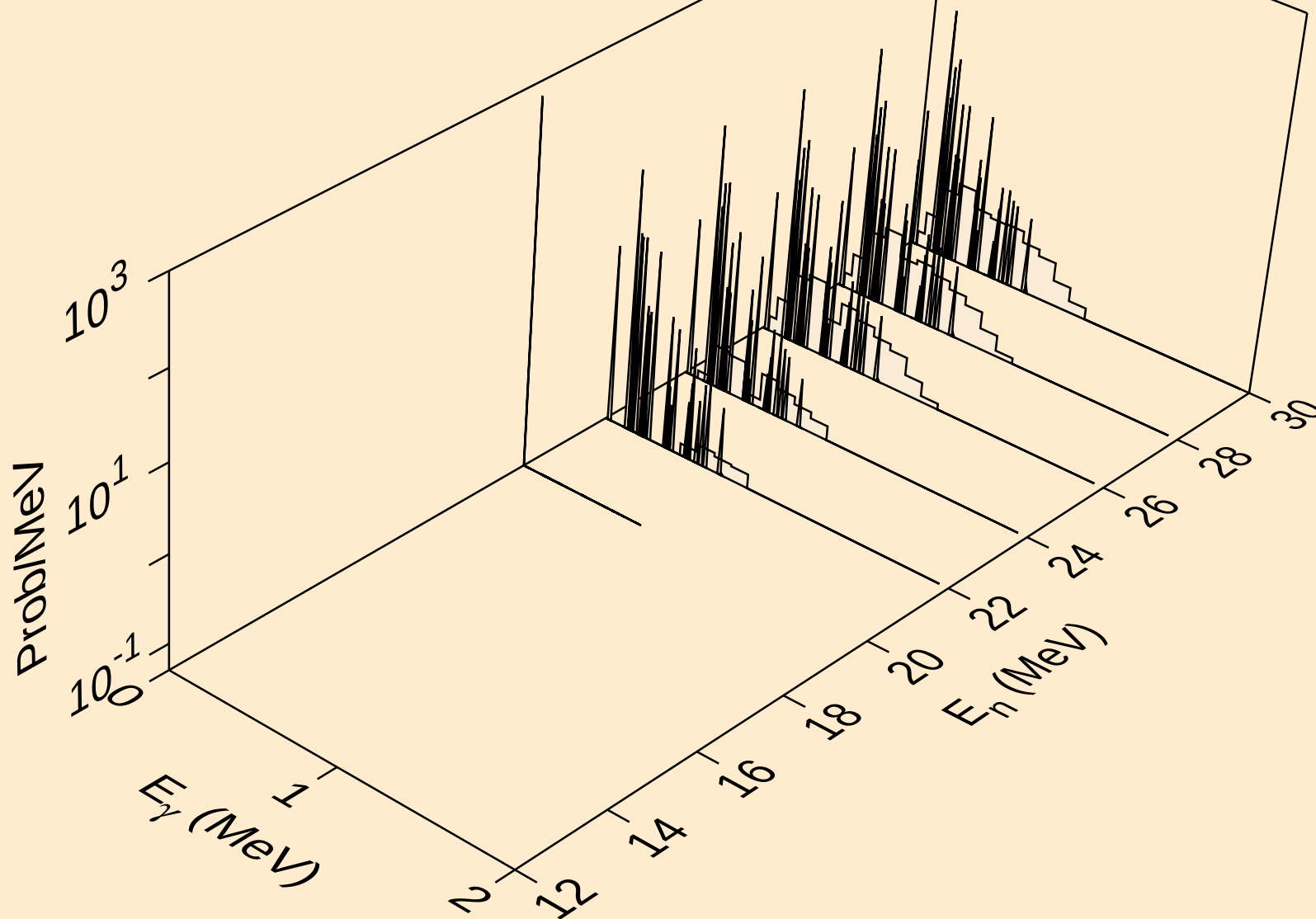
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



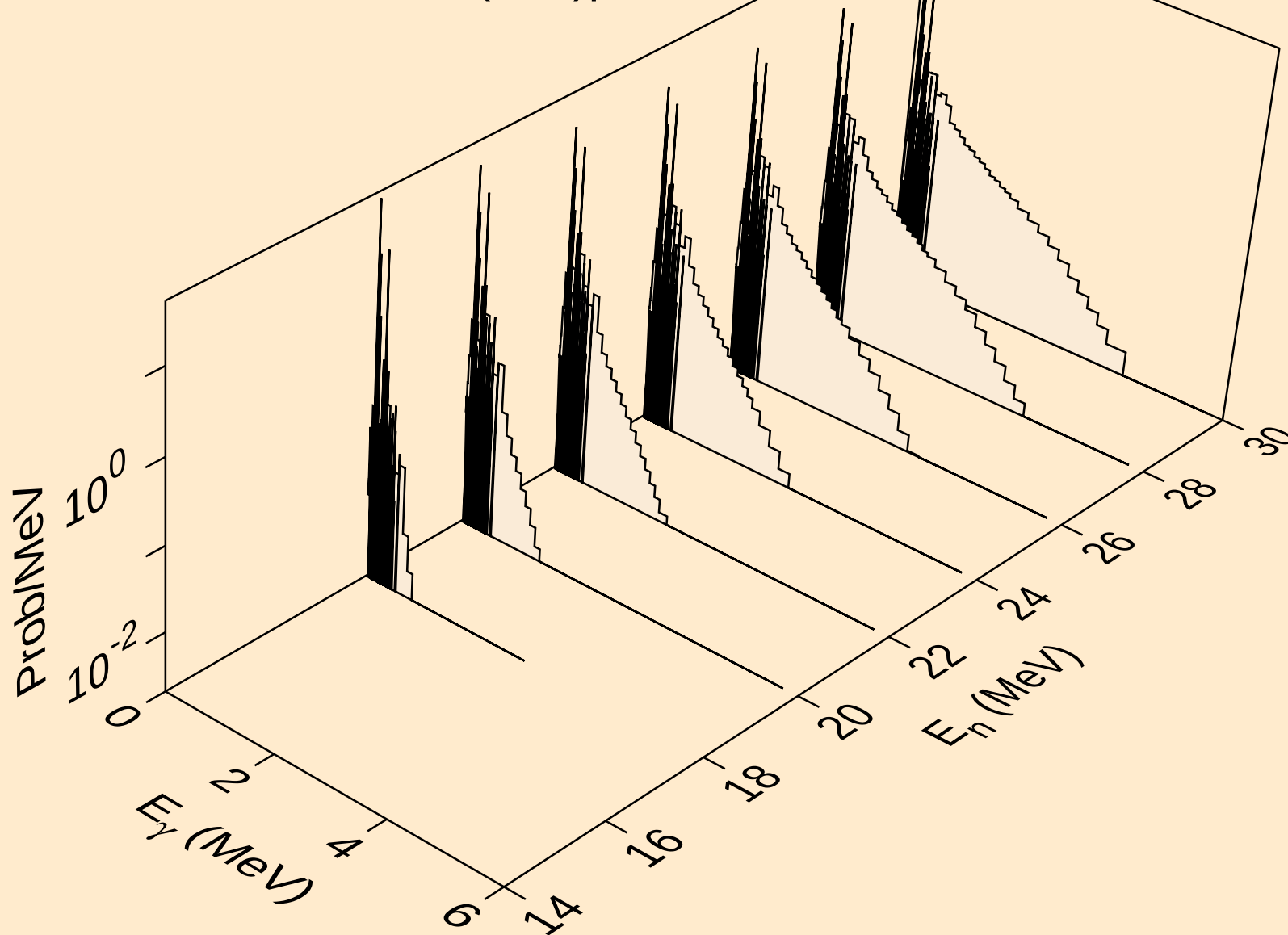
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

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



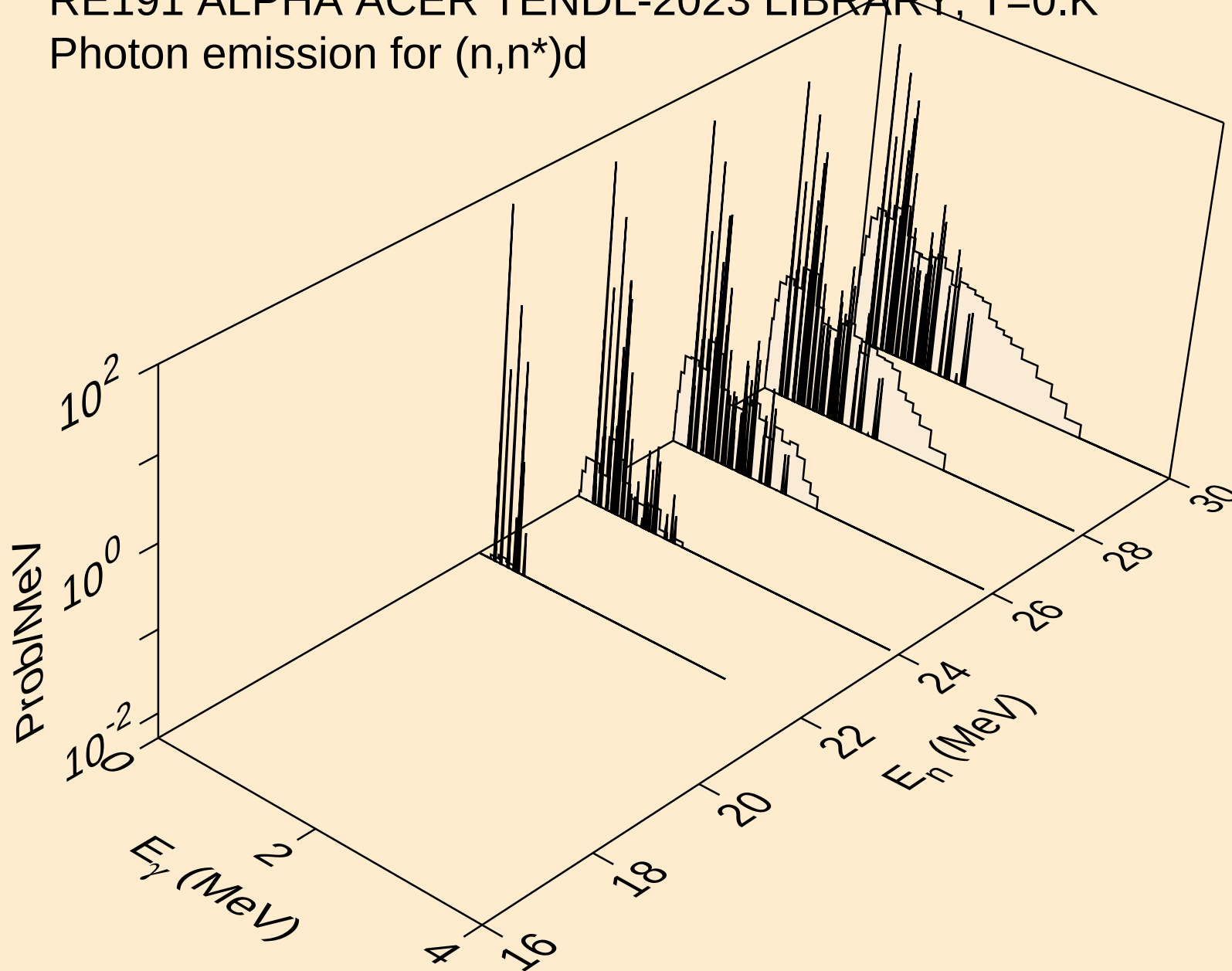
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

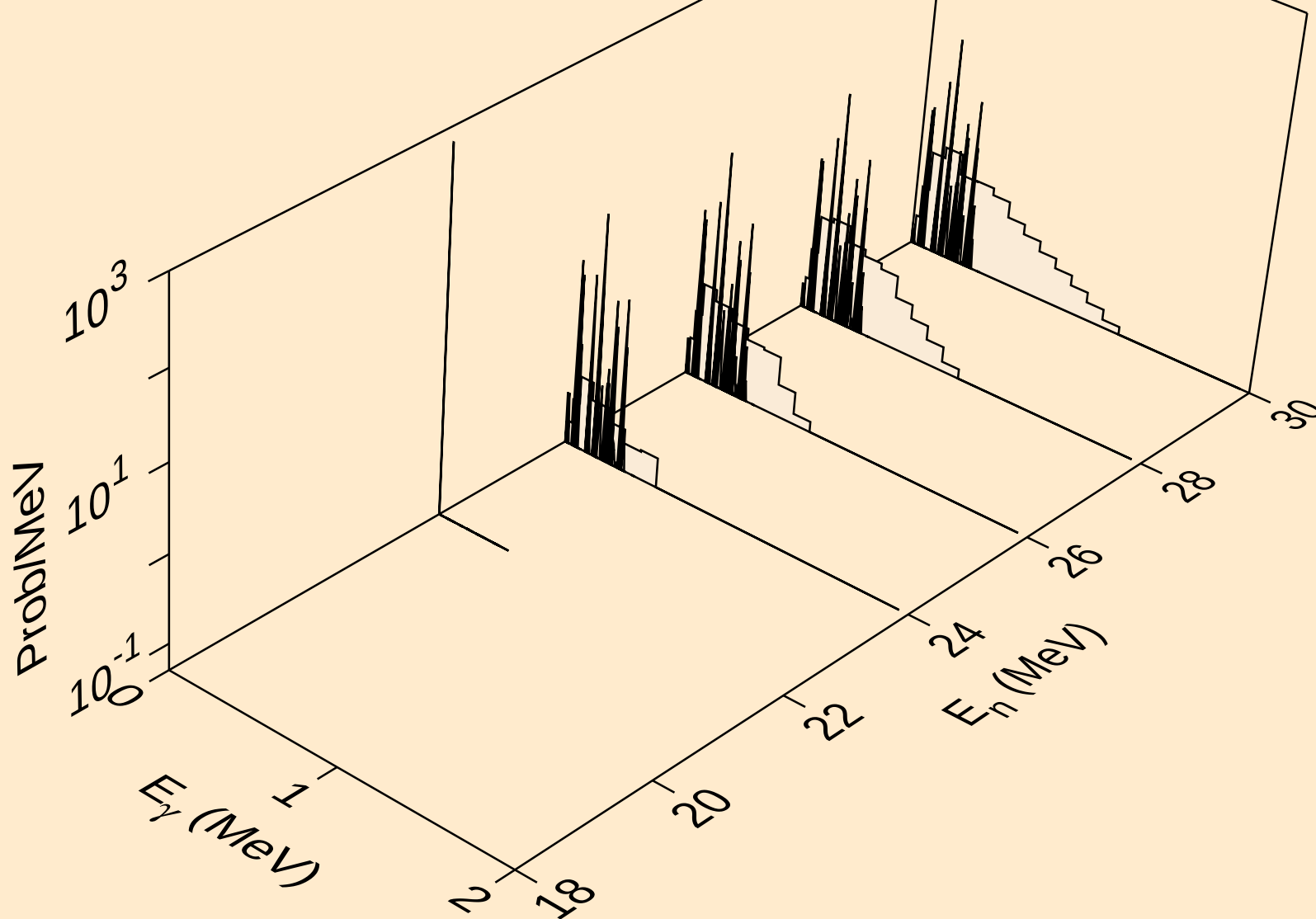


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

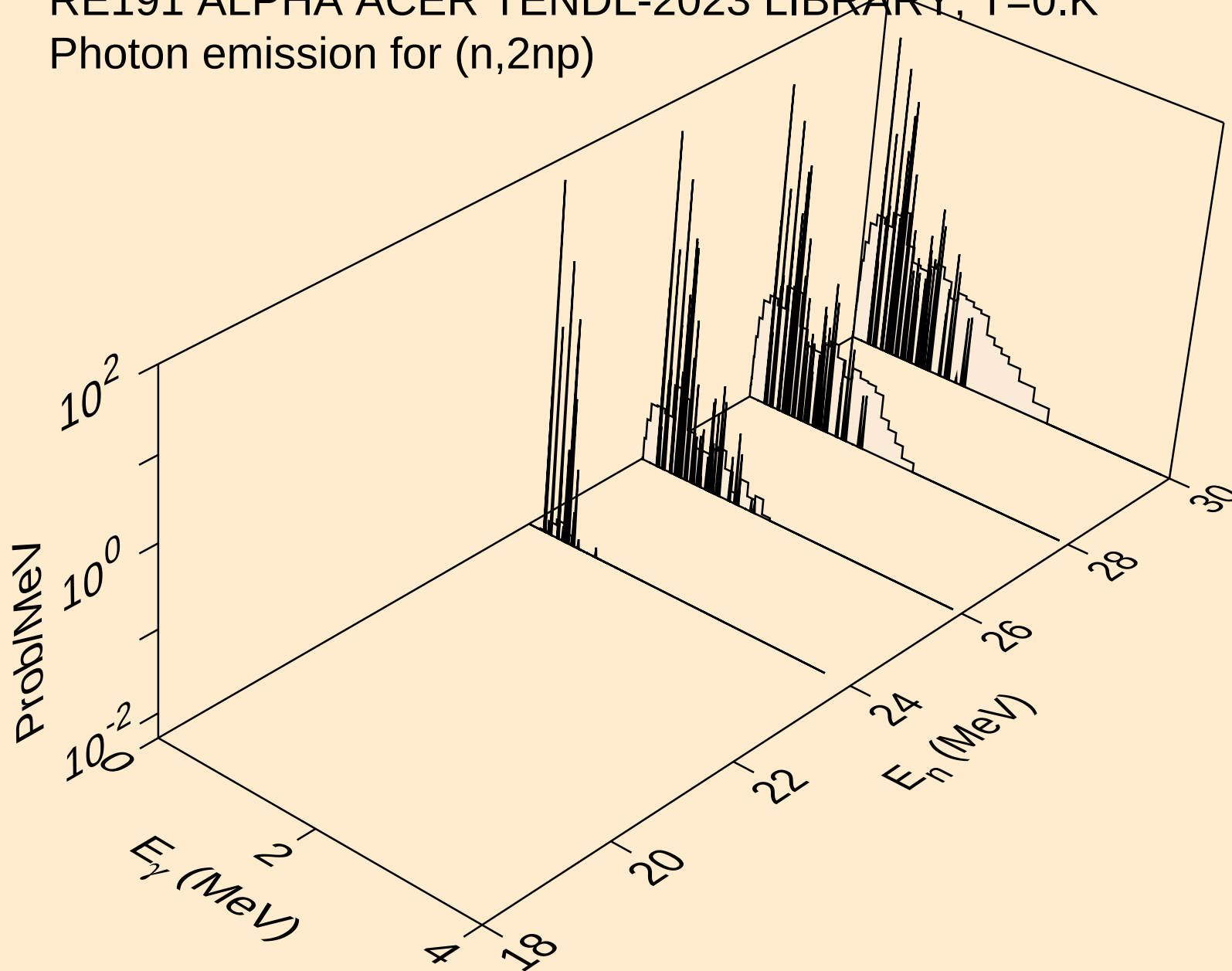
Photon emission for (n,n\*)d



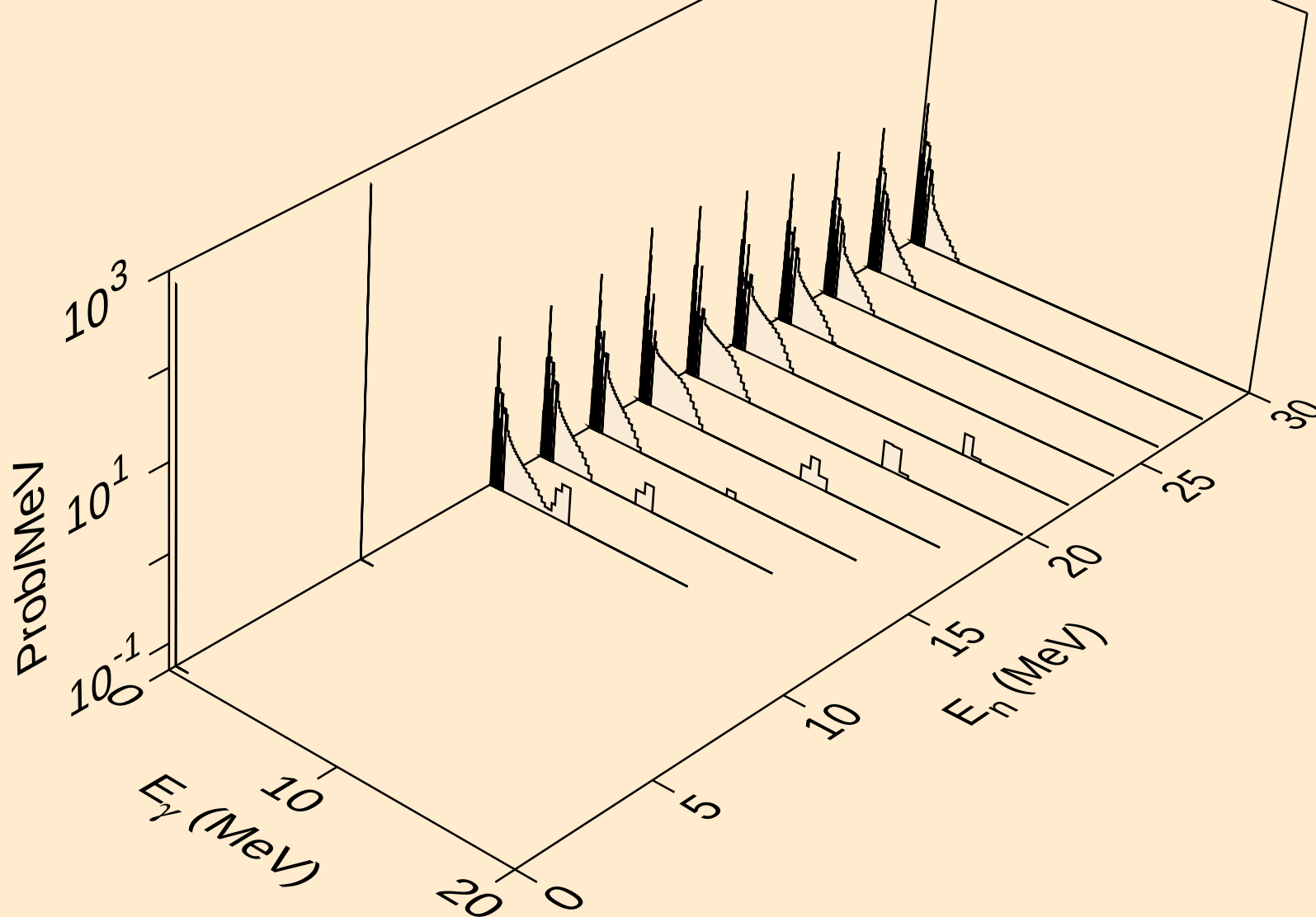
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



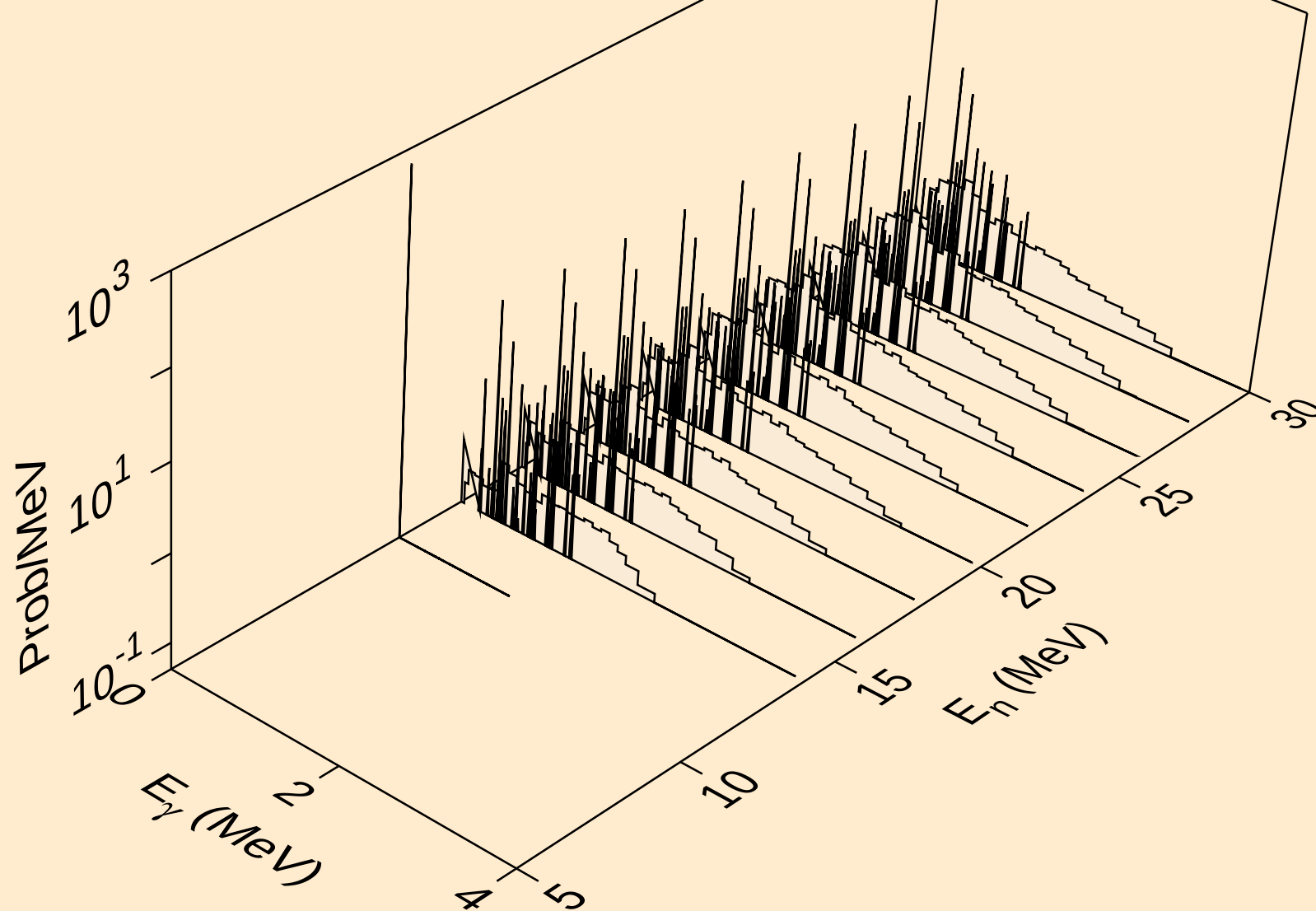
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



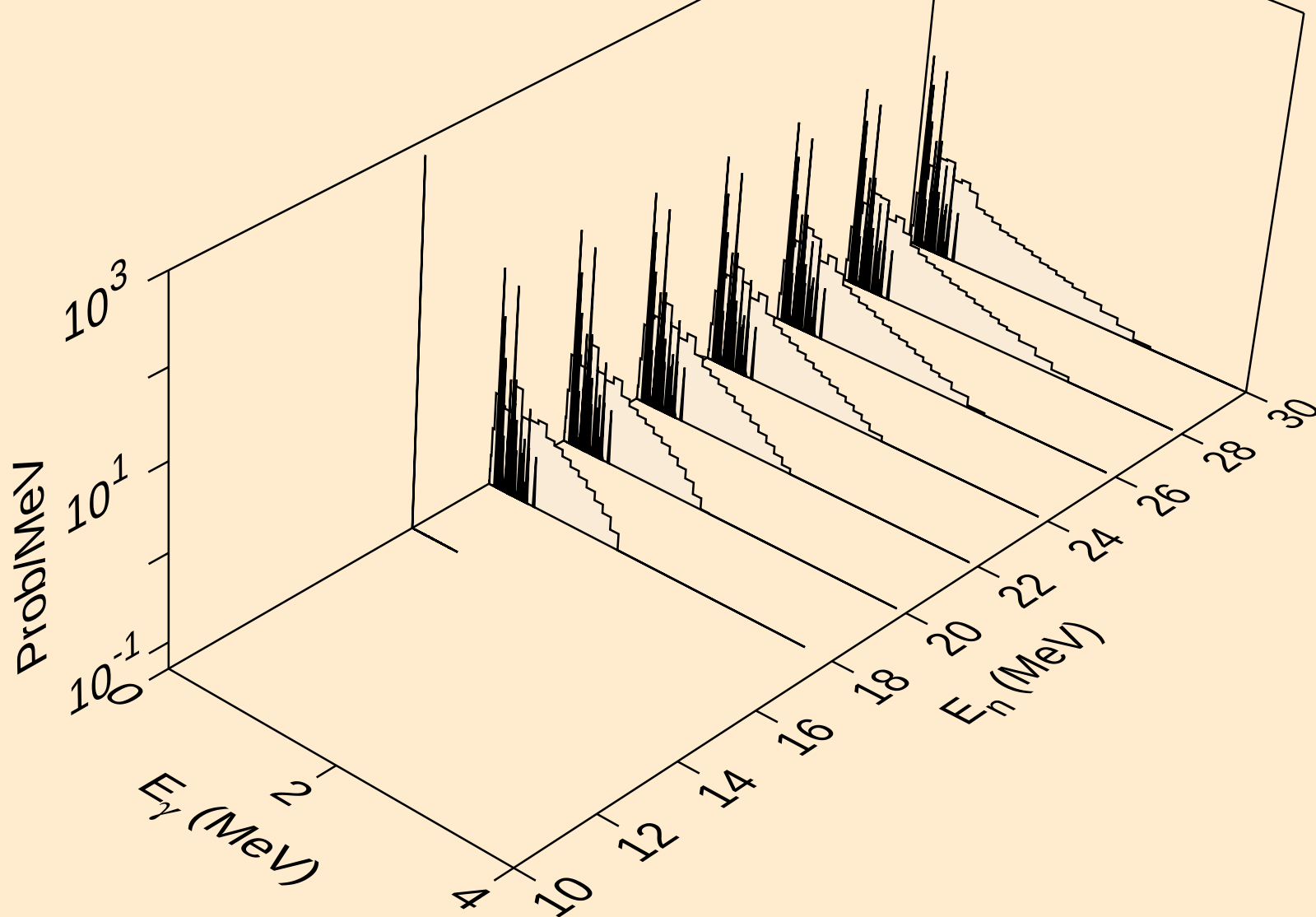
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



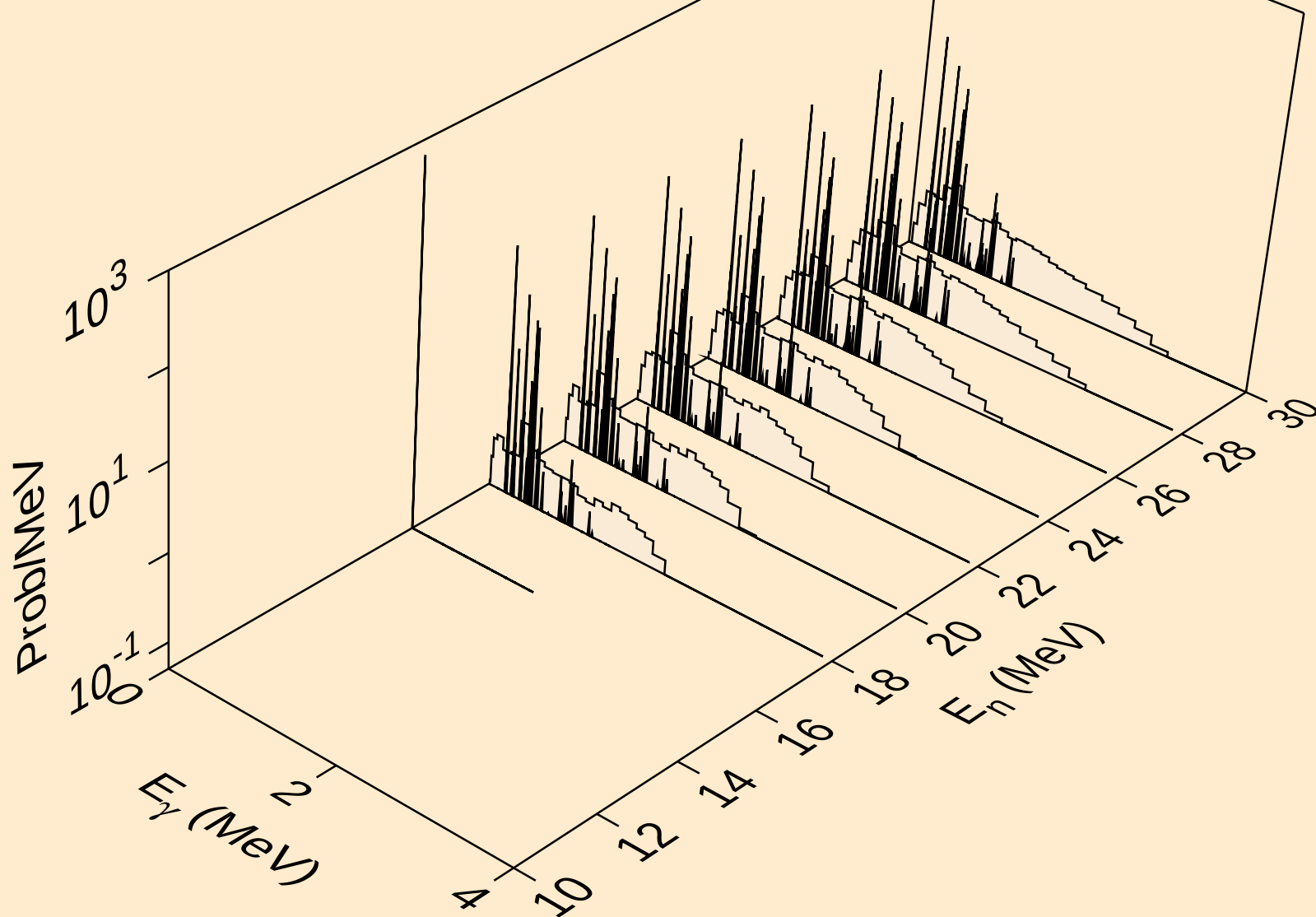
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



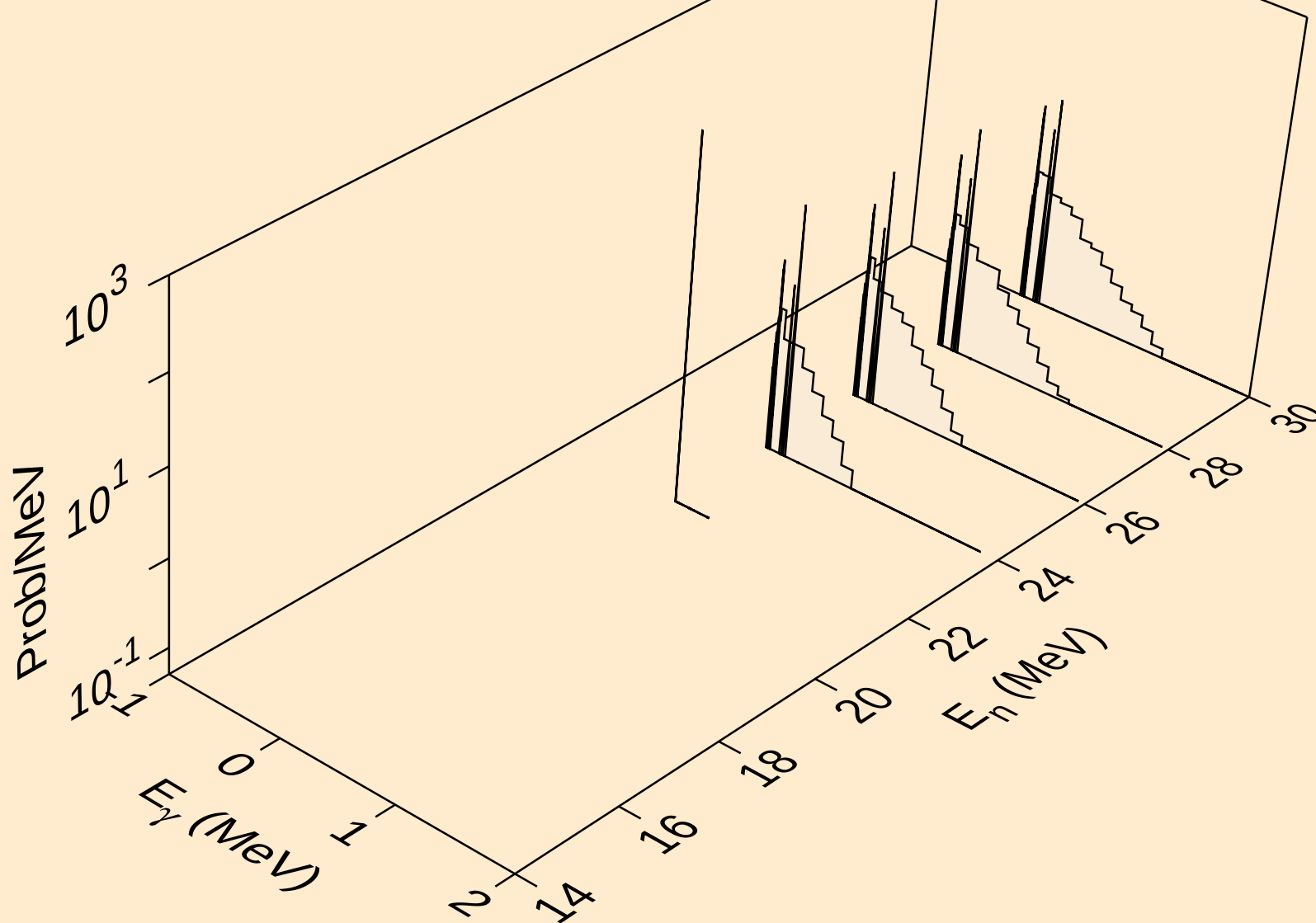
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



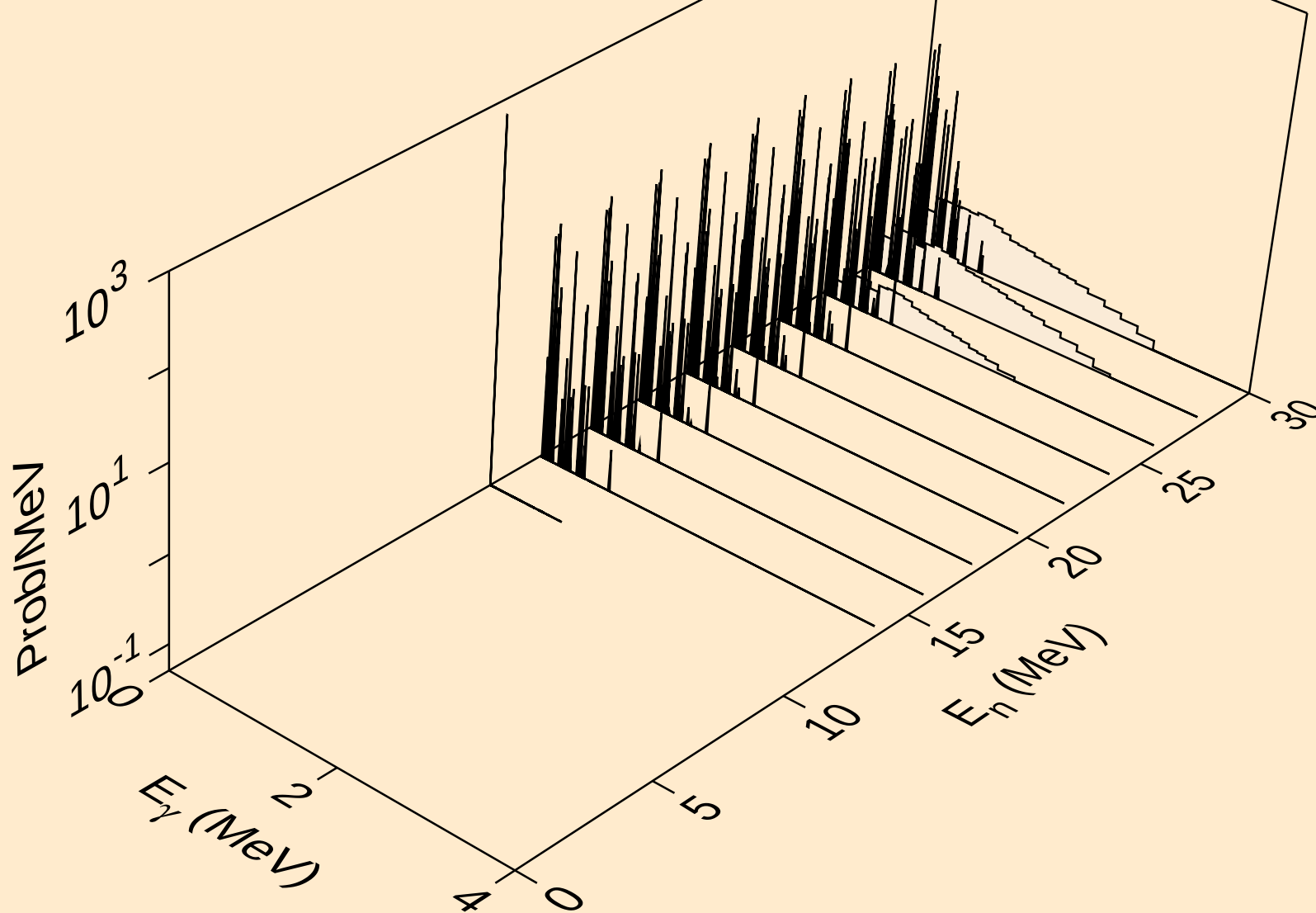
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

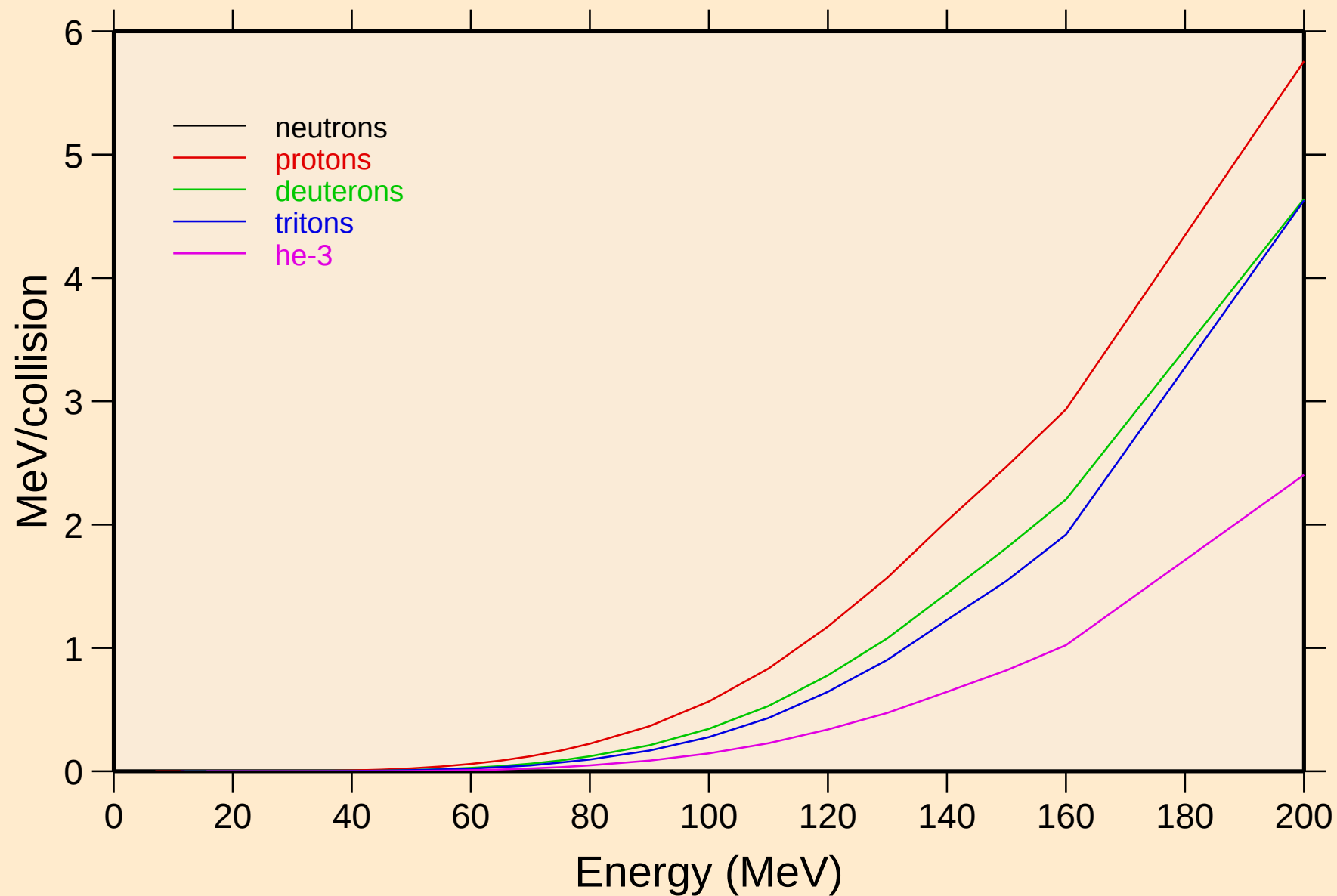


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



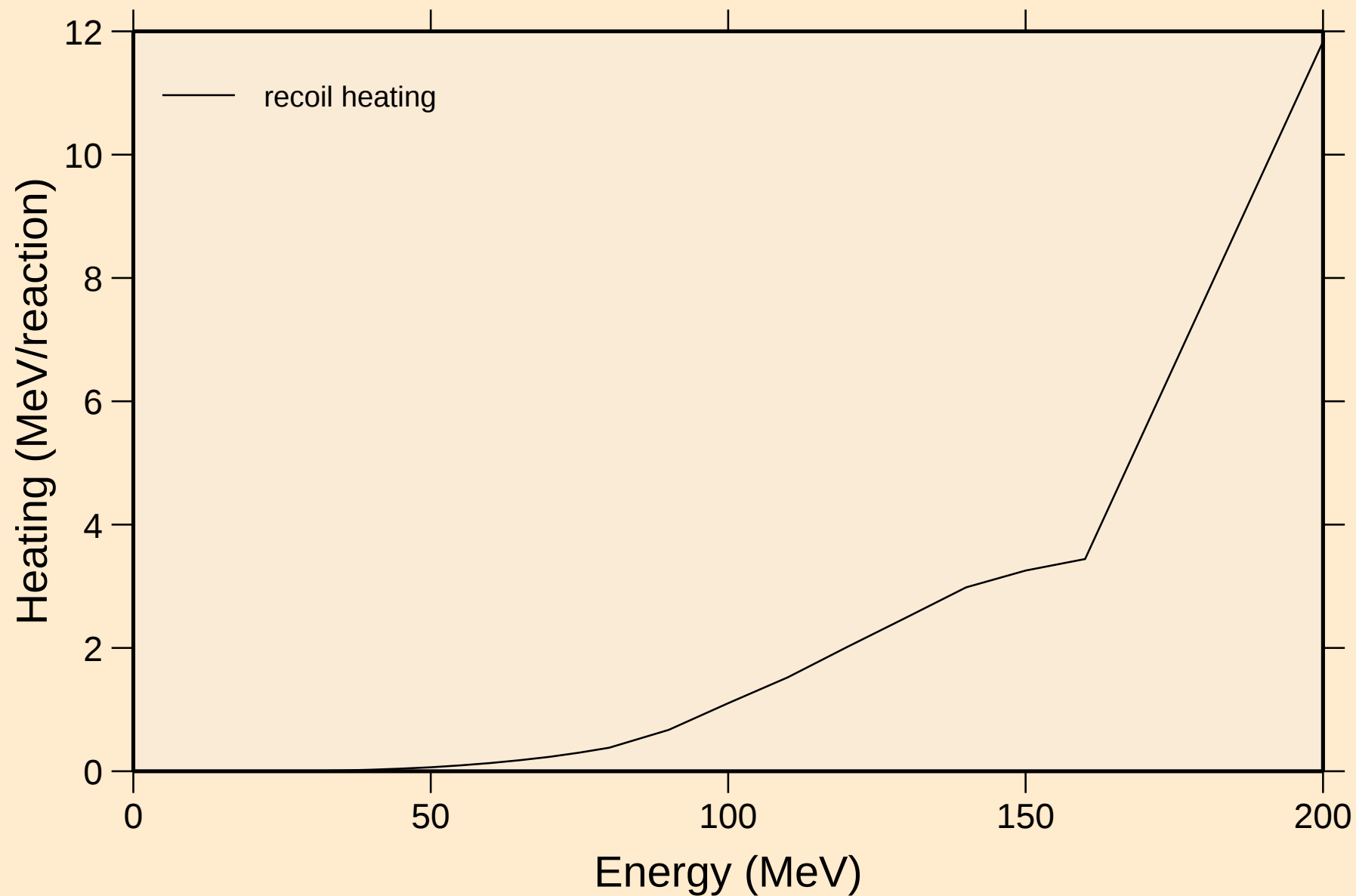
# RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



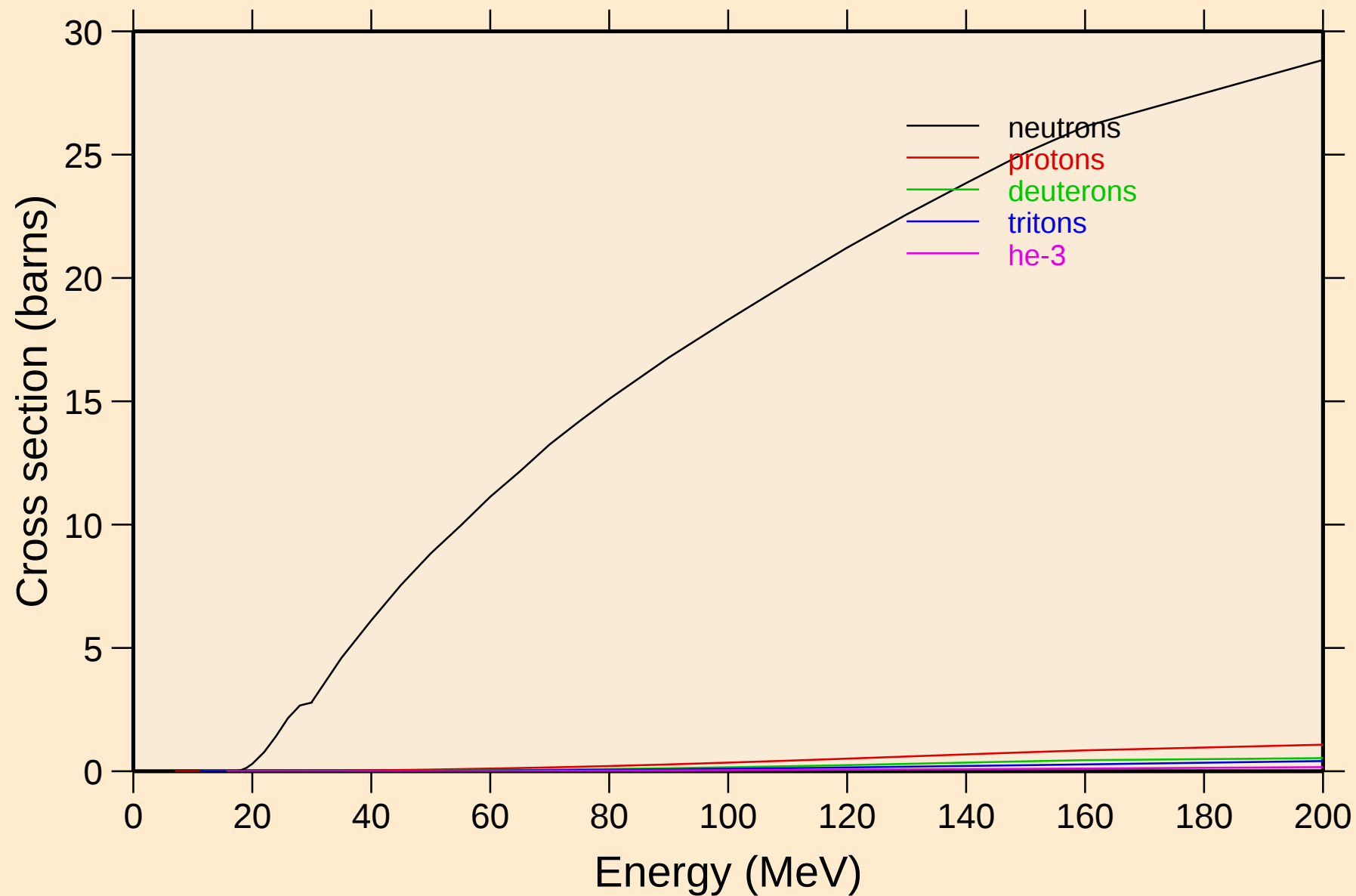
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

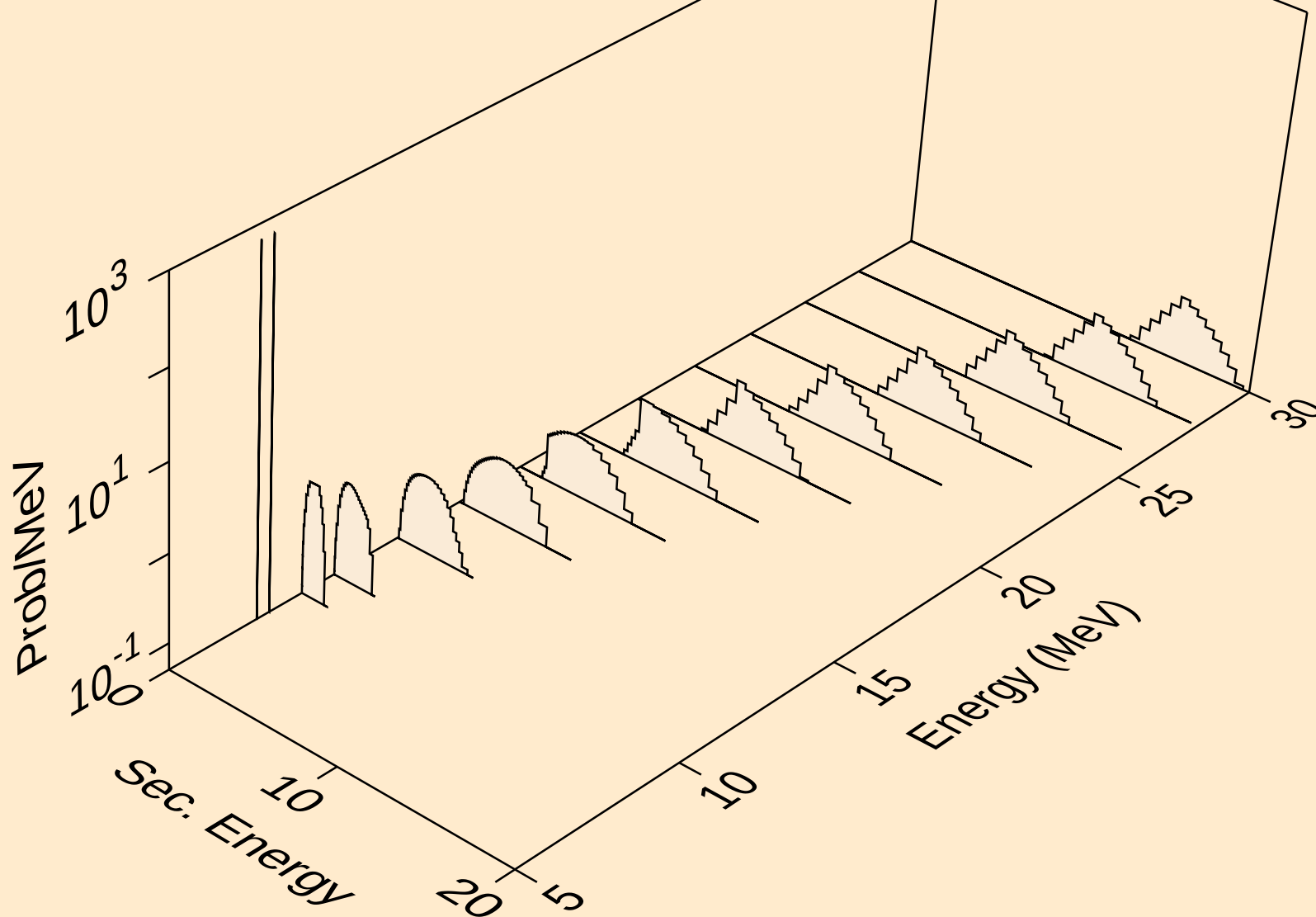


RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

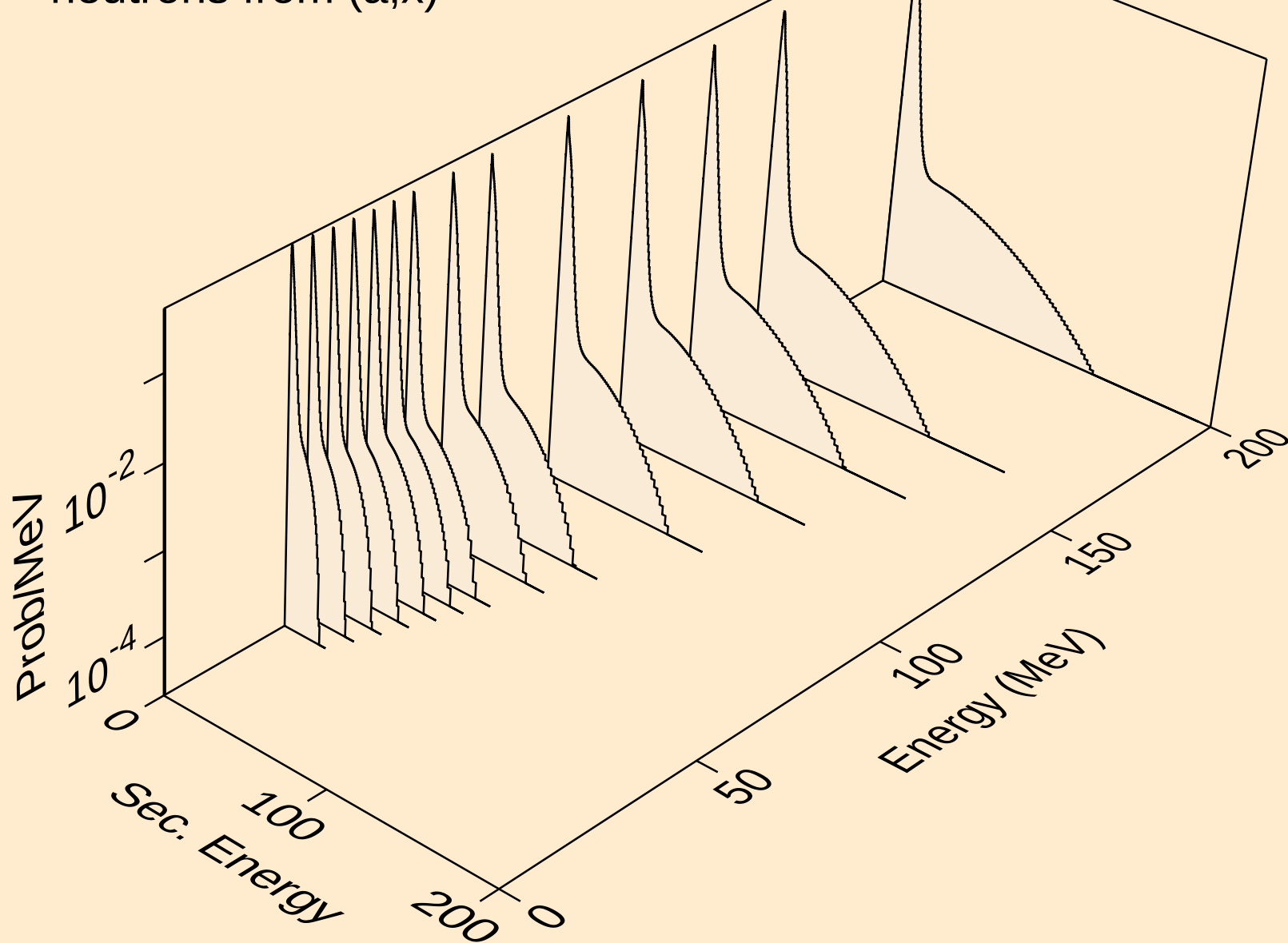
Particle production cross sections



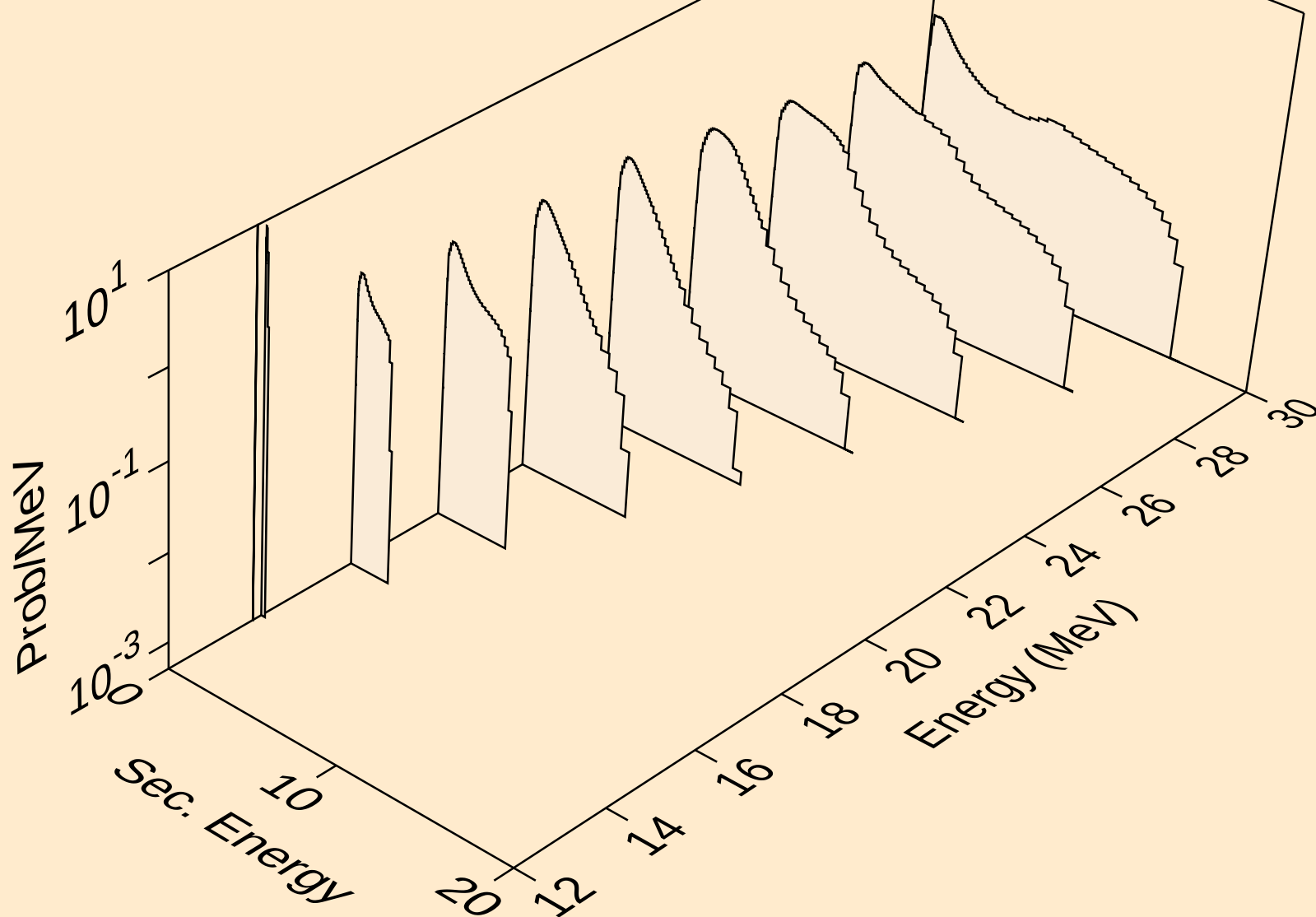
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



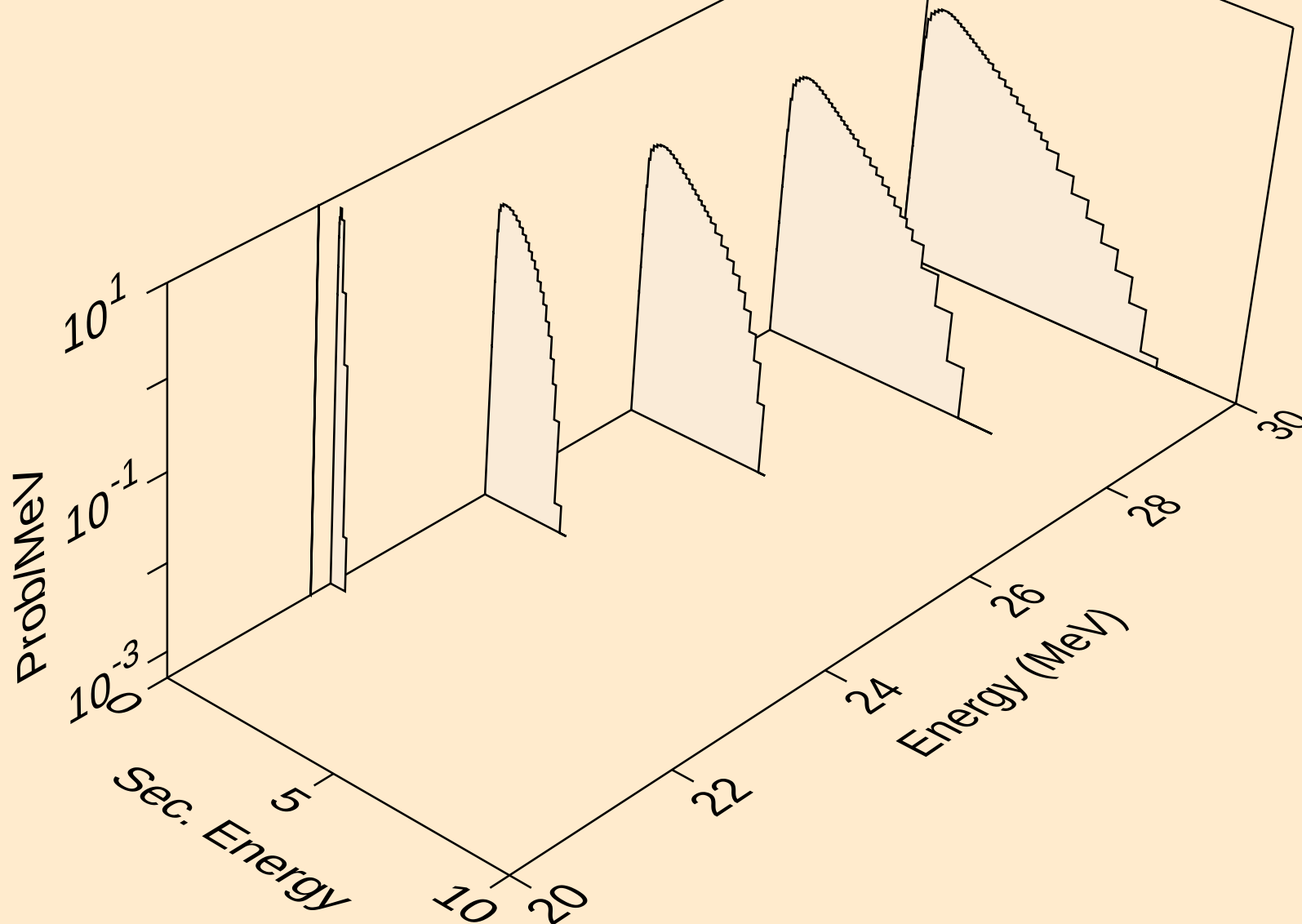
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



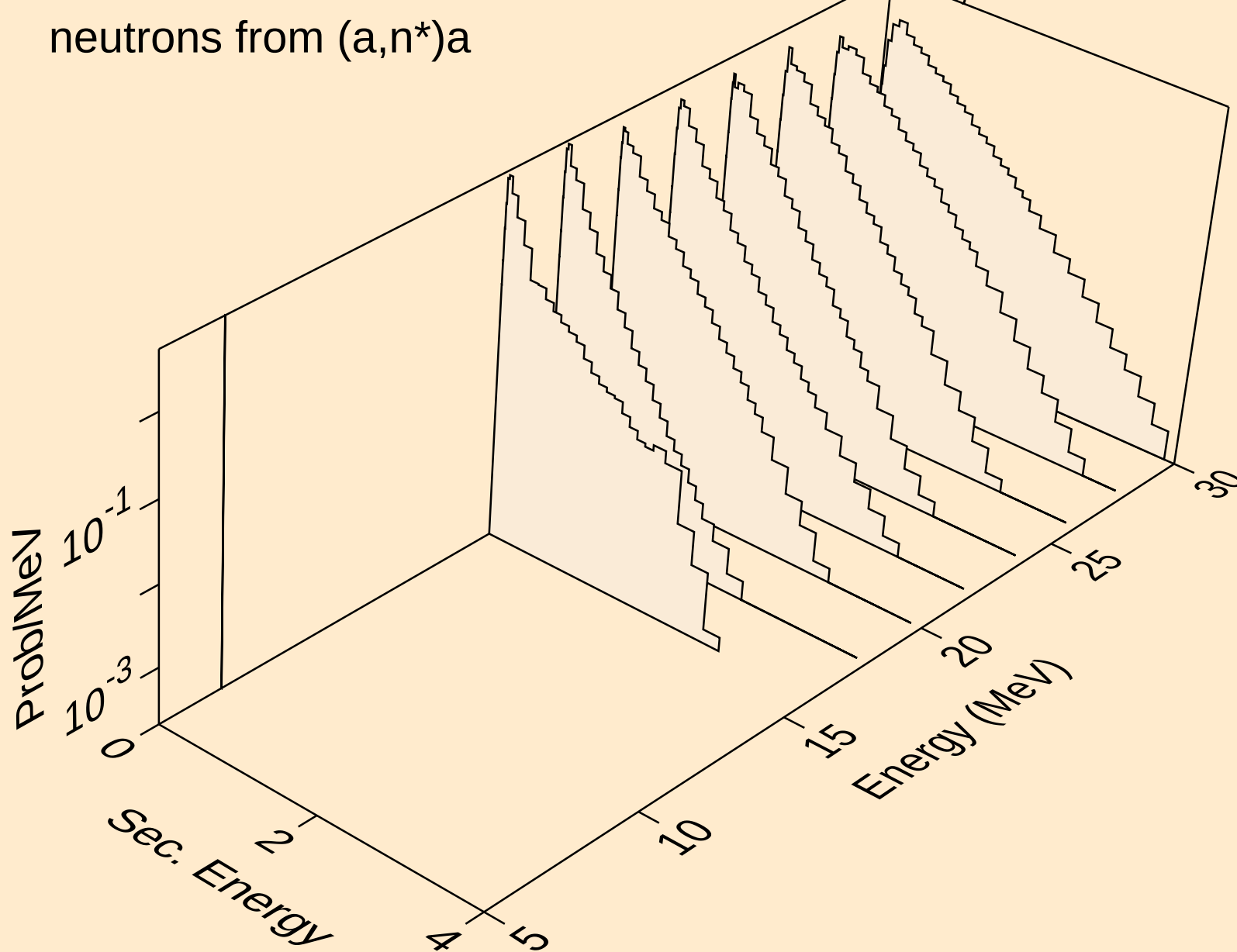
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neutrons from (a,2n)



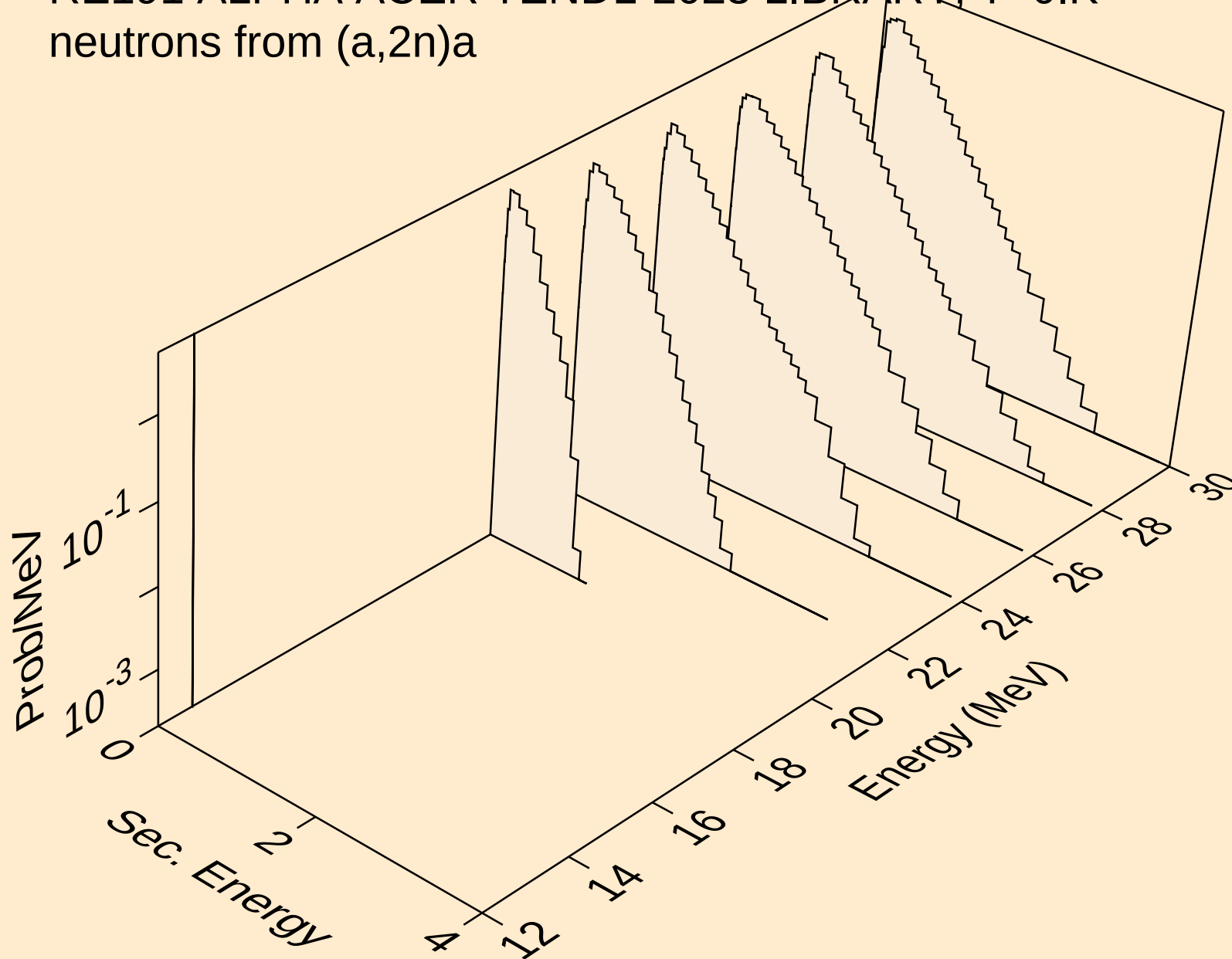
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



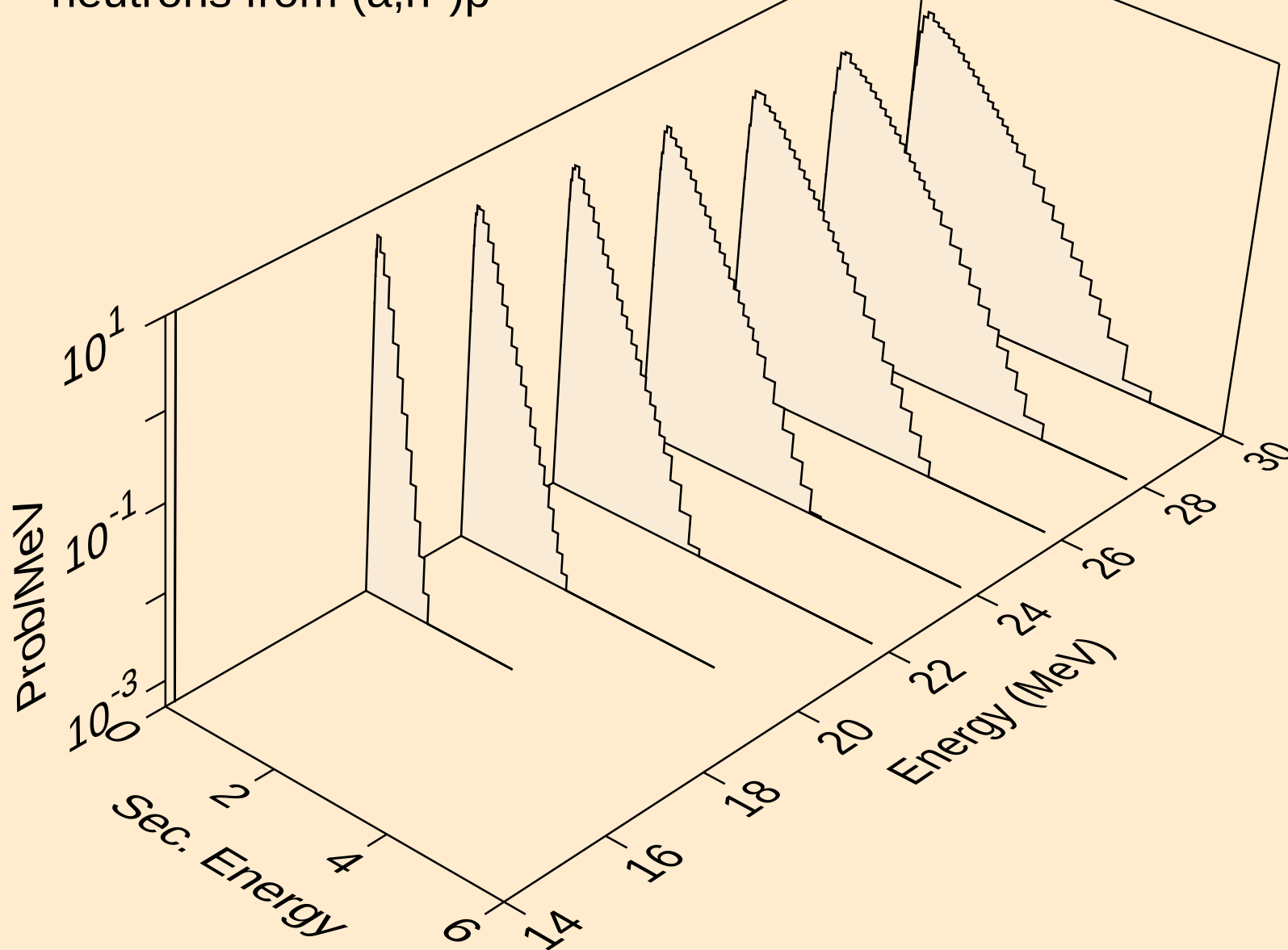
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



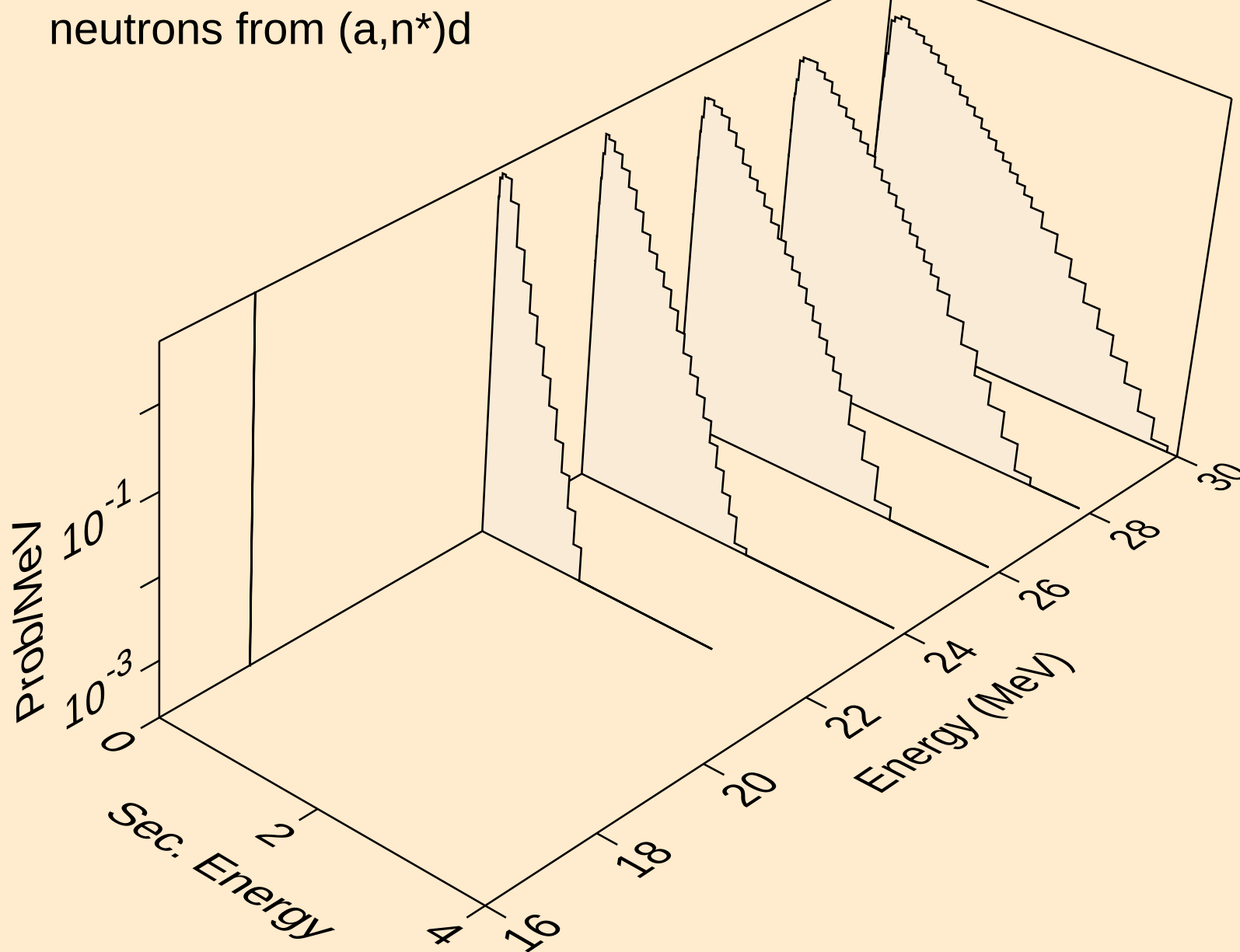
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neutrons from (a,2n)a



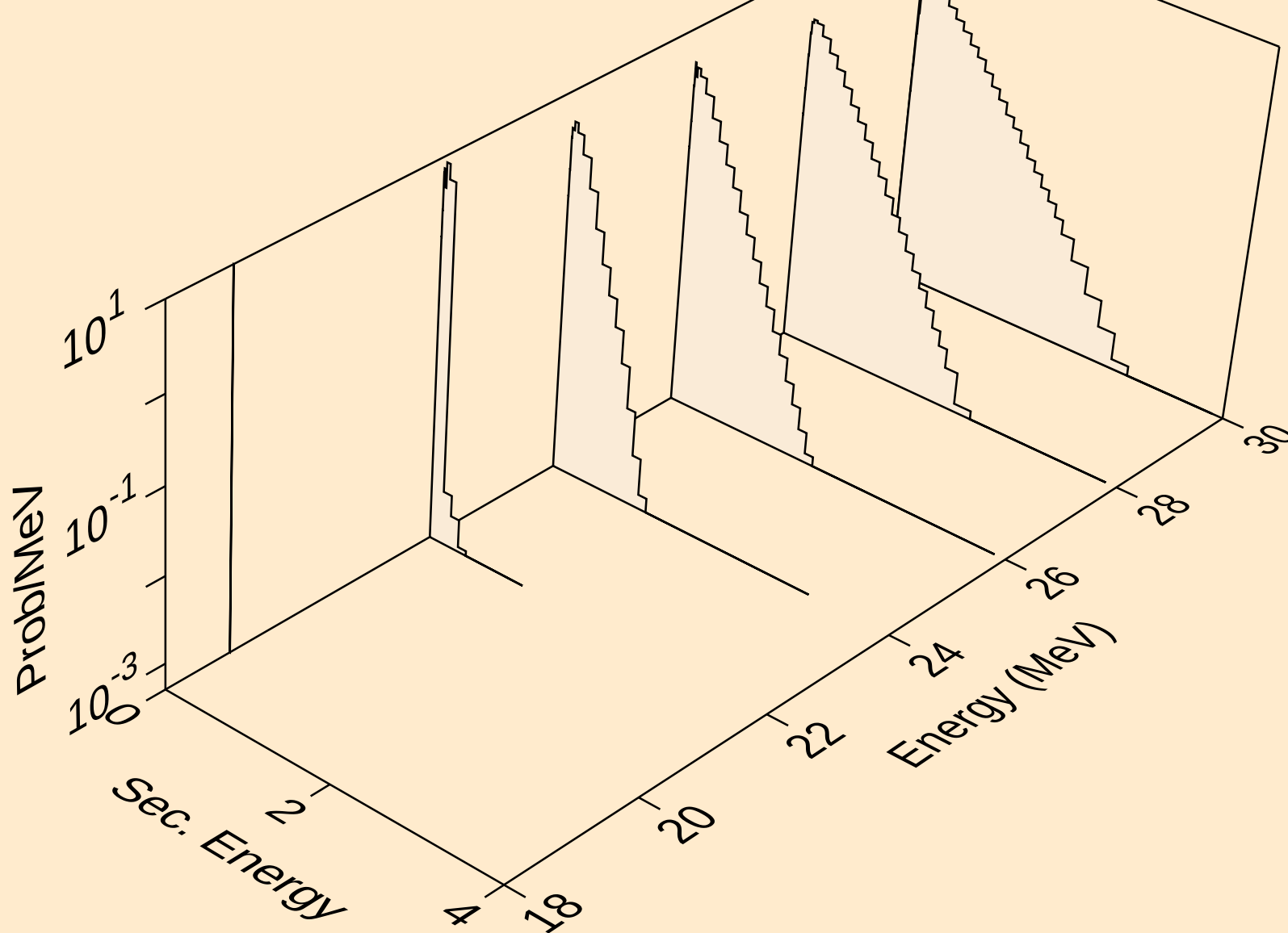
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



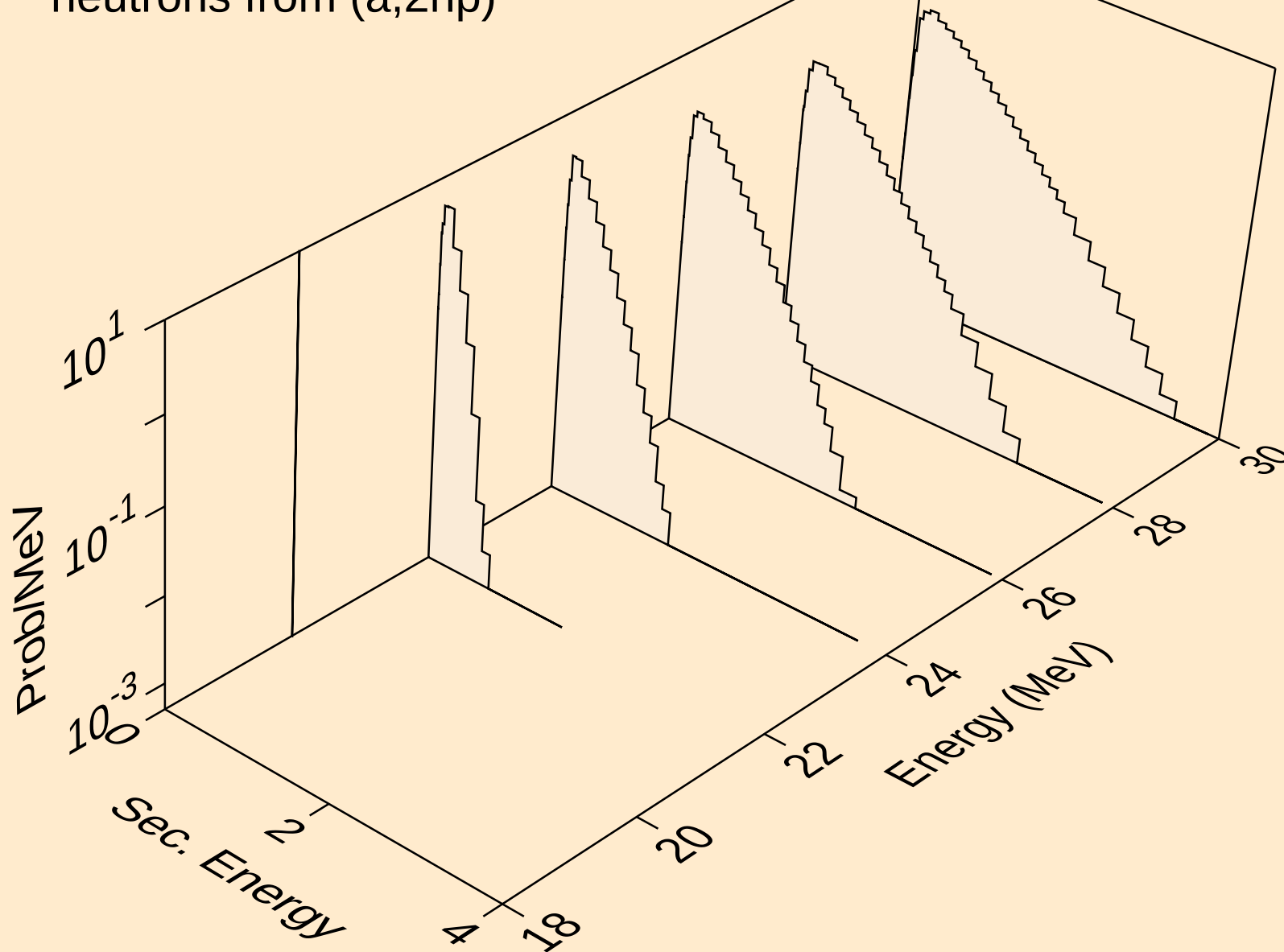
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neutrons from (a,n\*)d



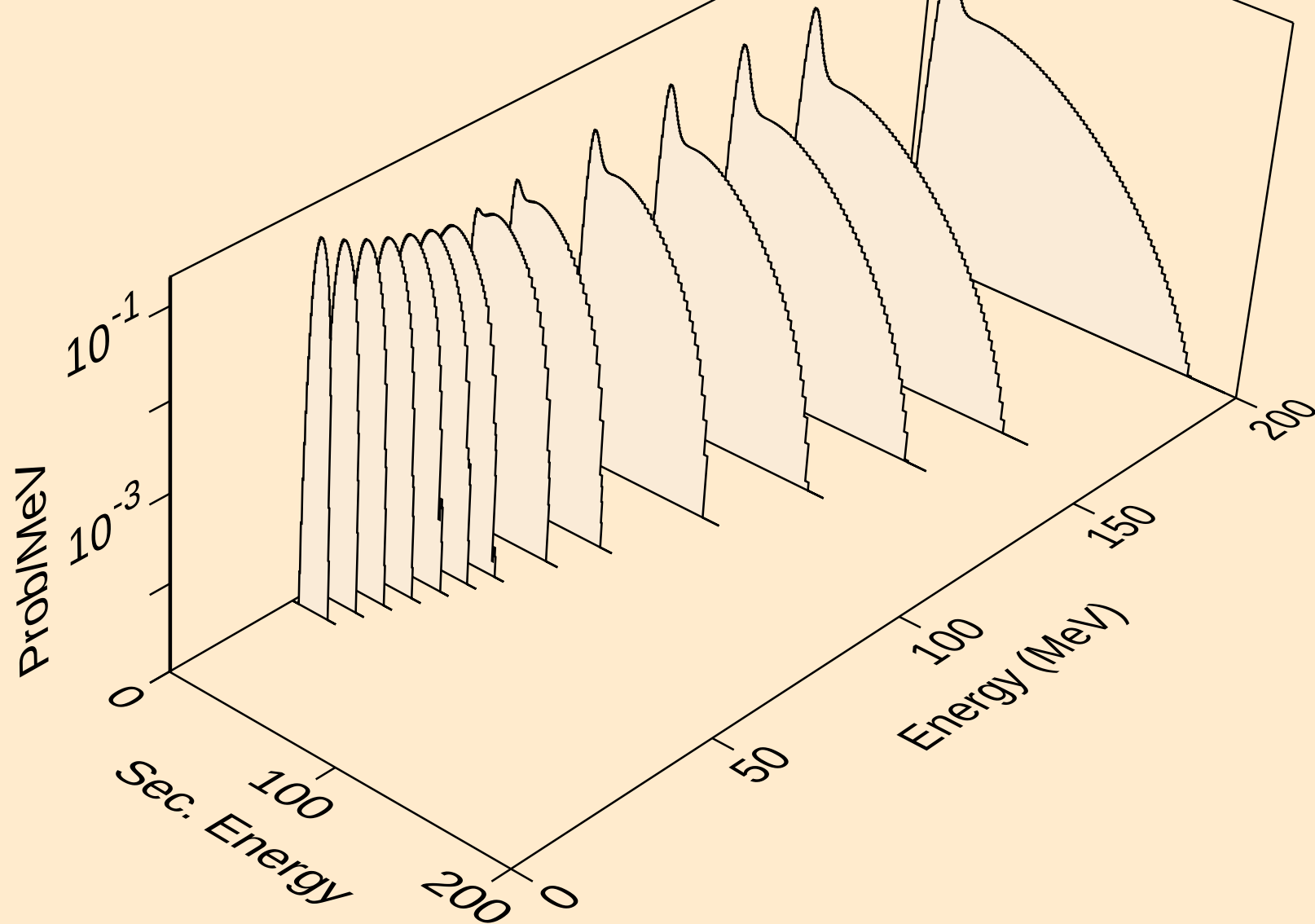
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neutrons from (a,n\*)t



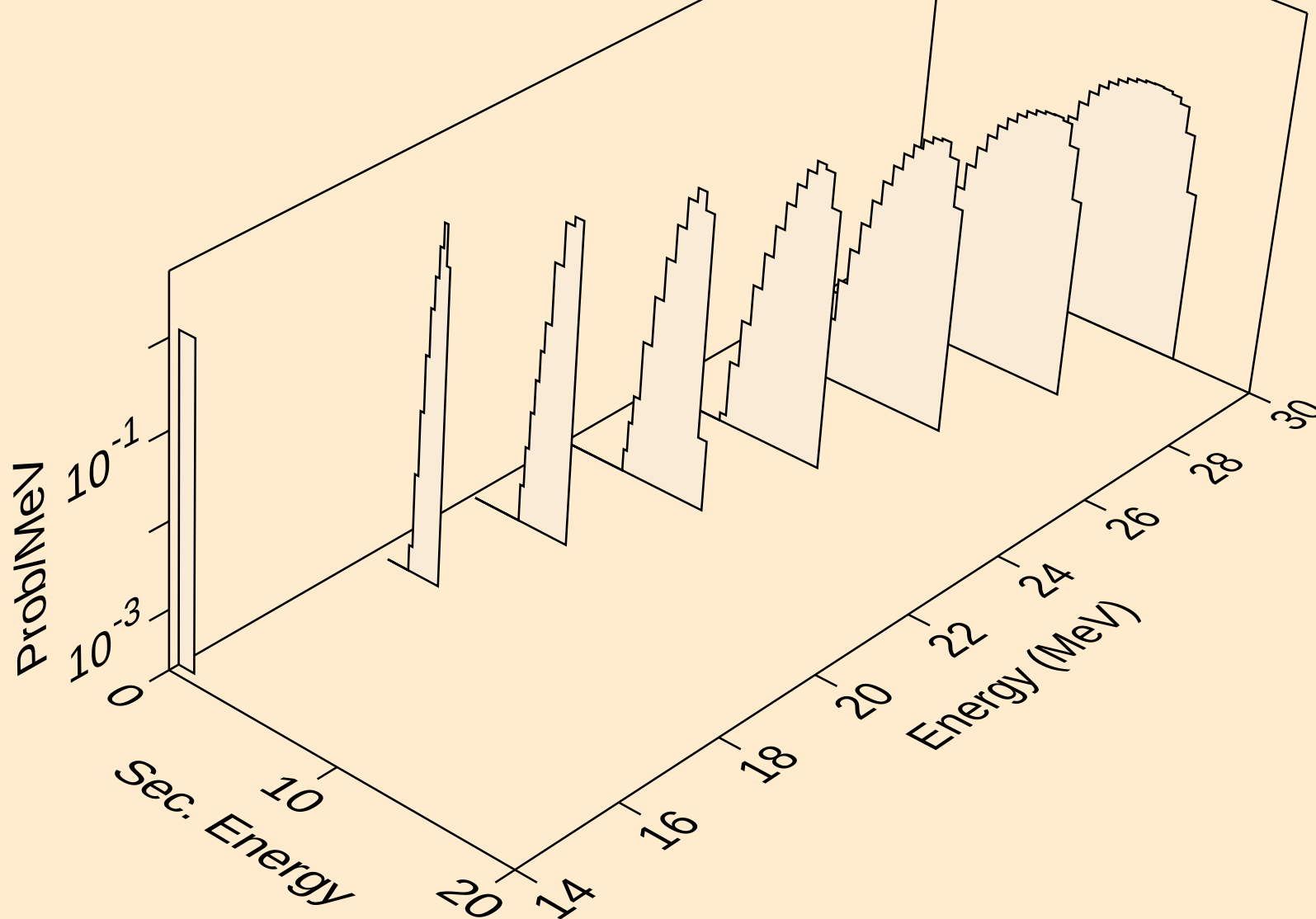
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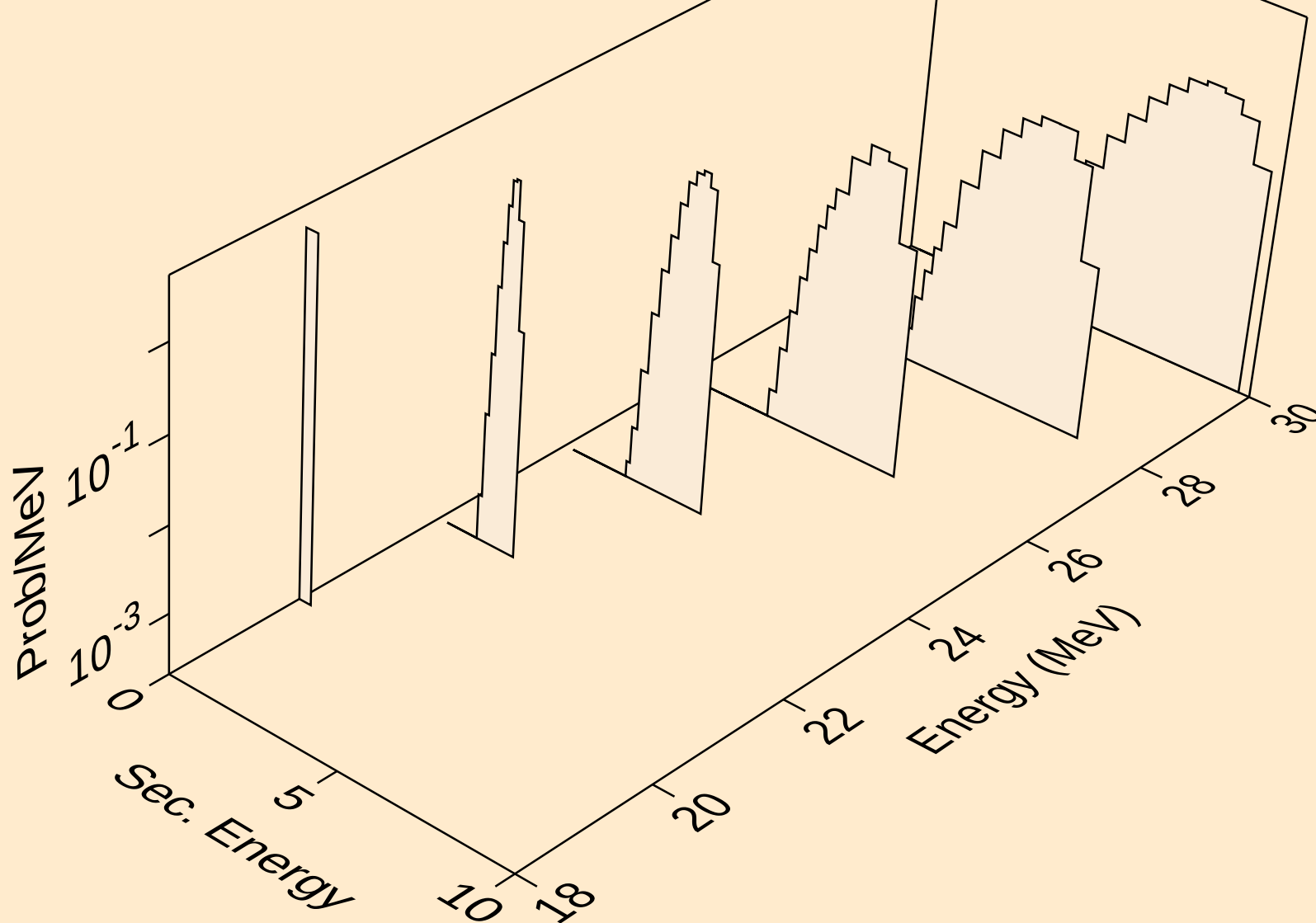
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protons from (a,x)



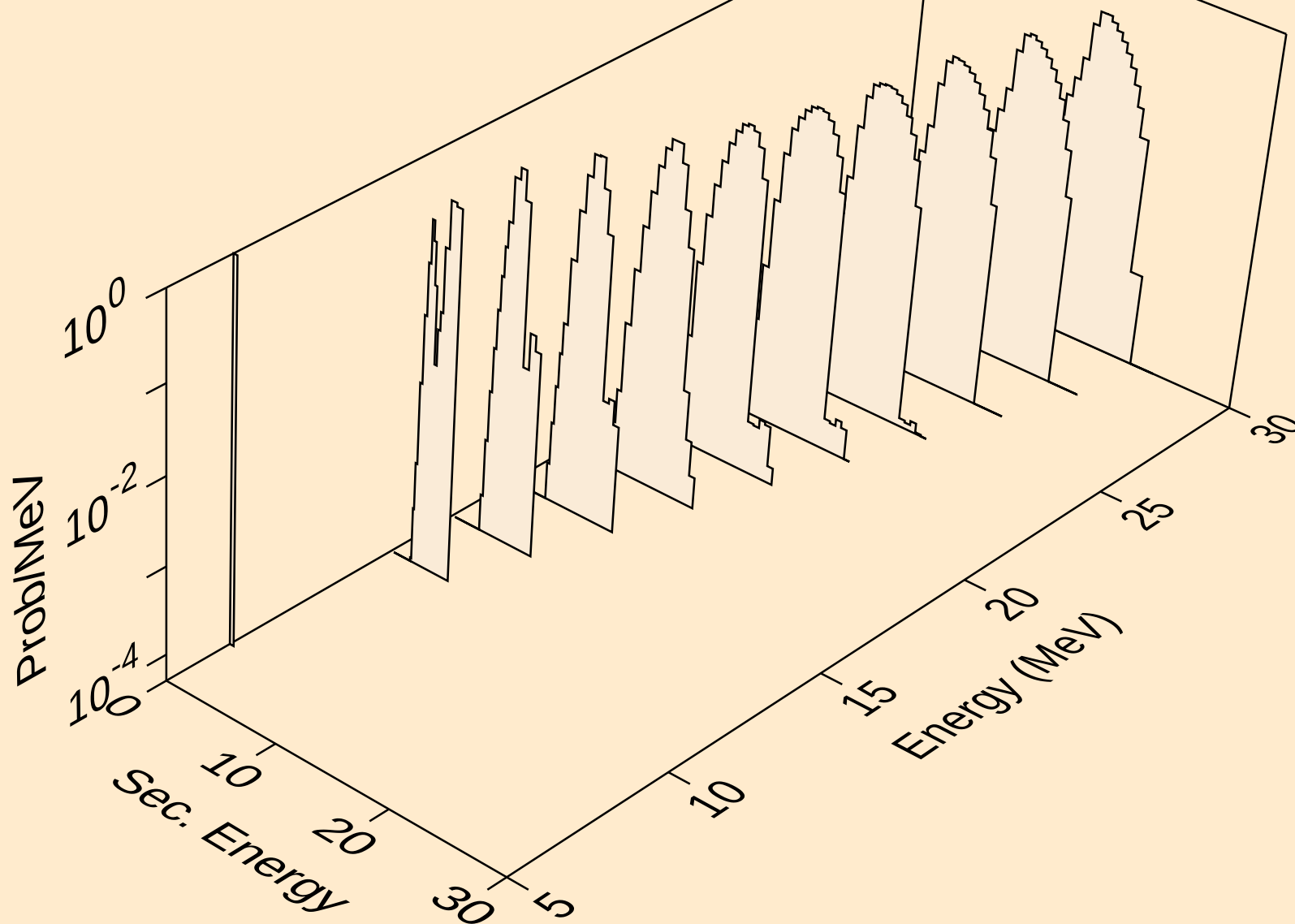
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protons from (a,n\*)p



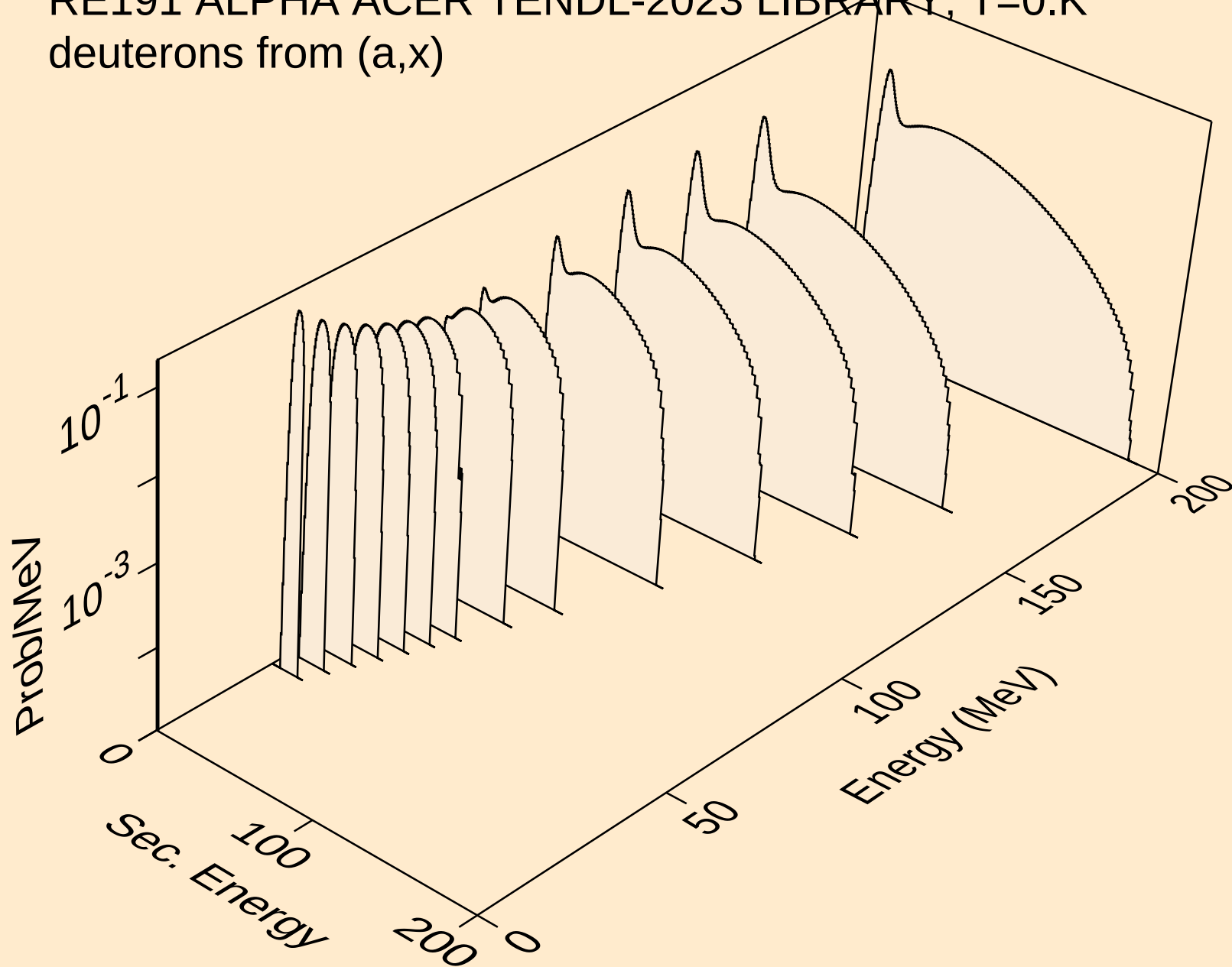
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protons from (a,2np)



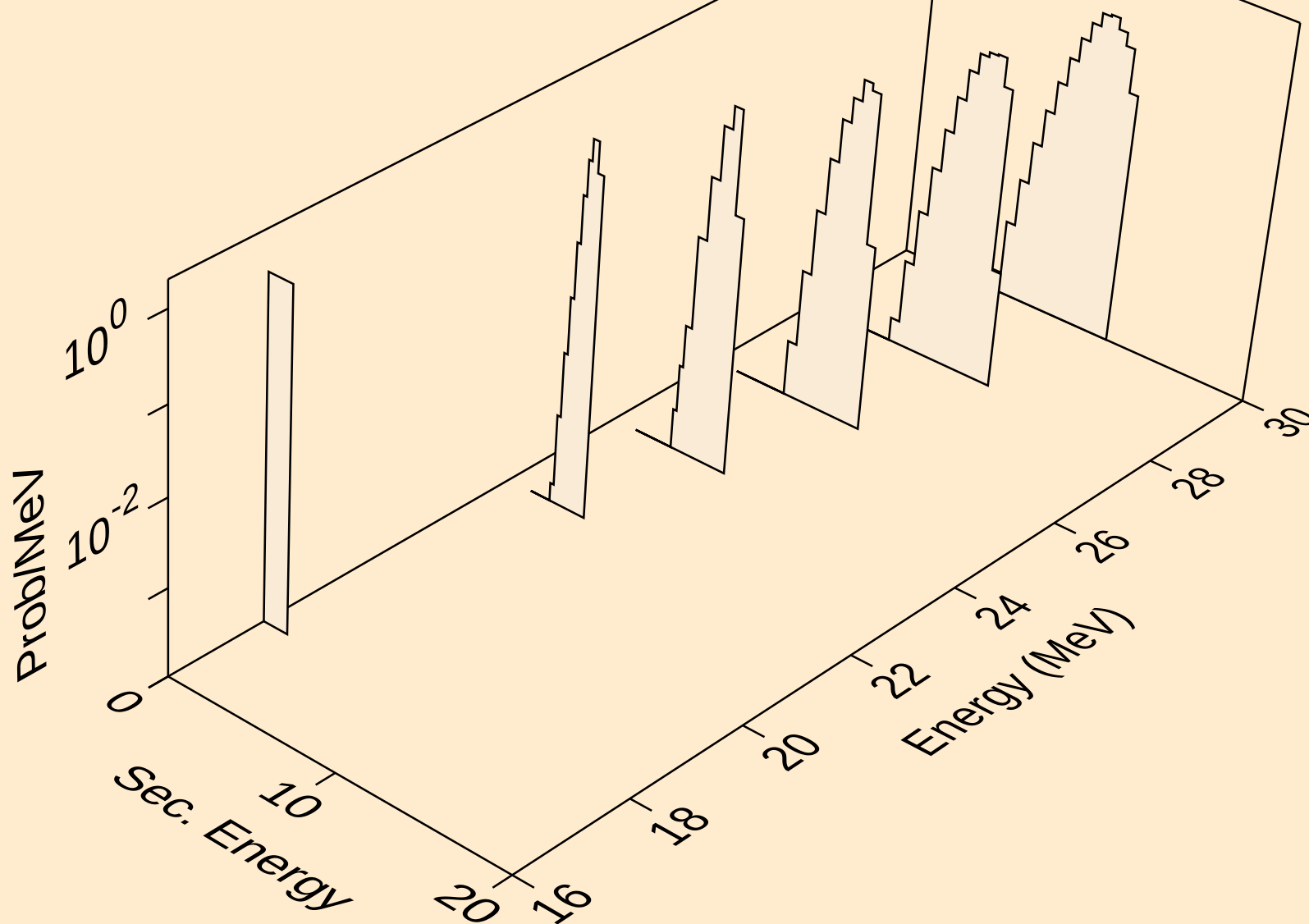
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protons from (a,p)



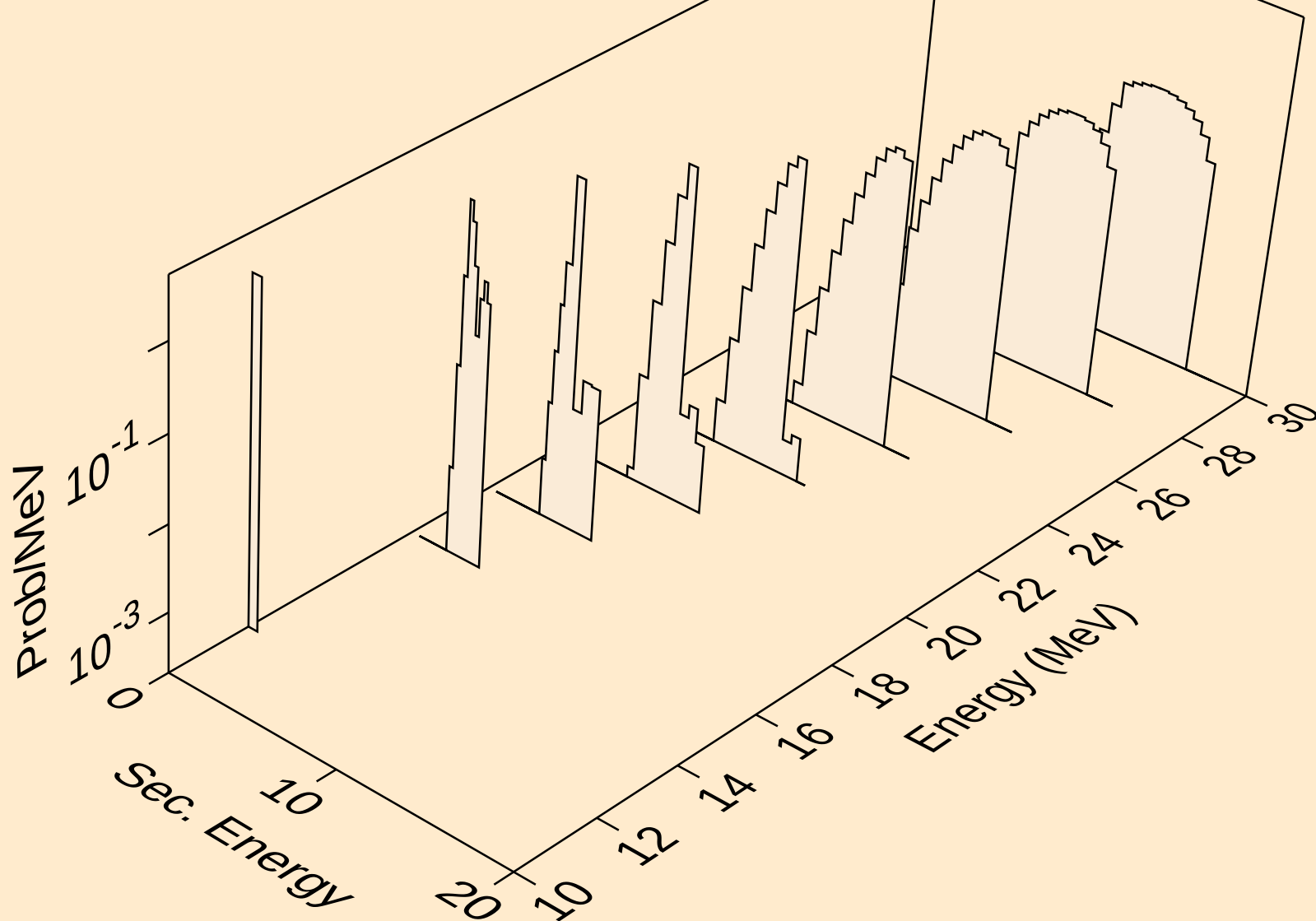
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



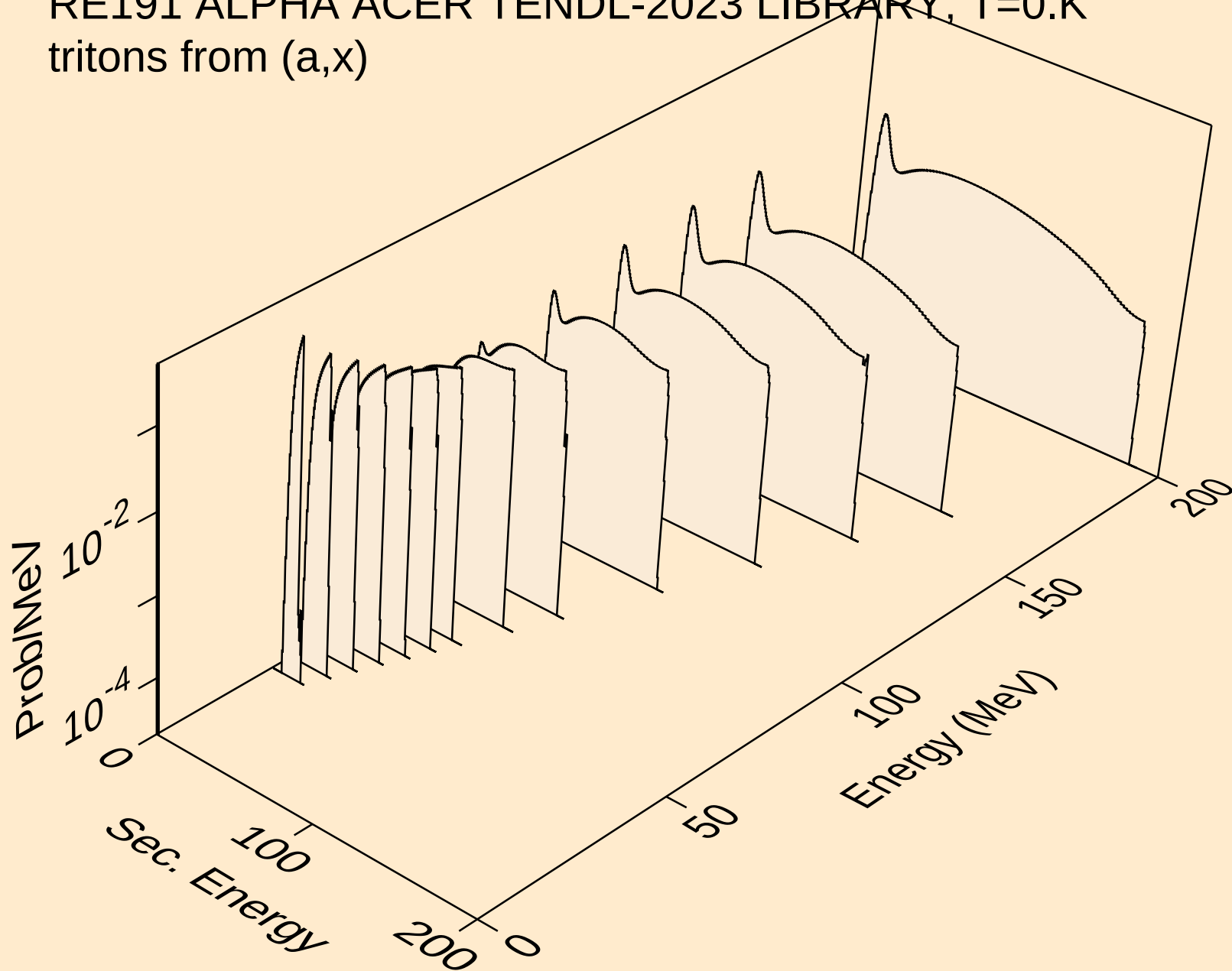
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



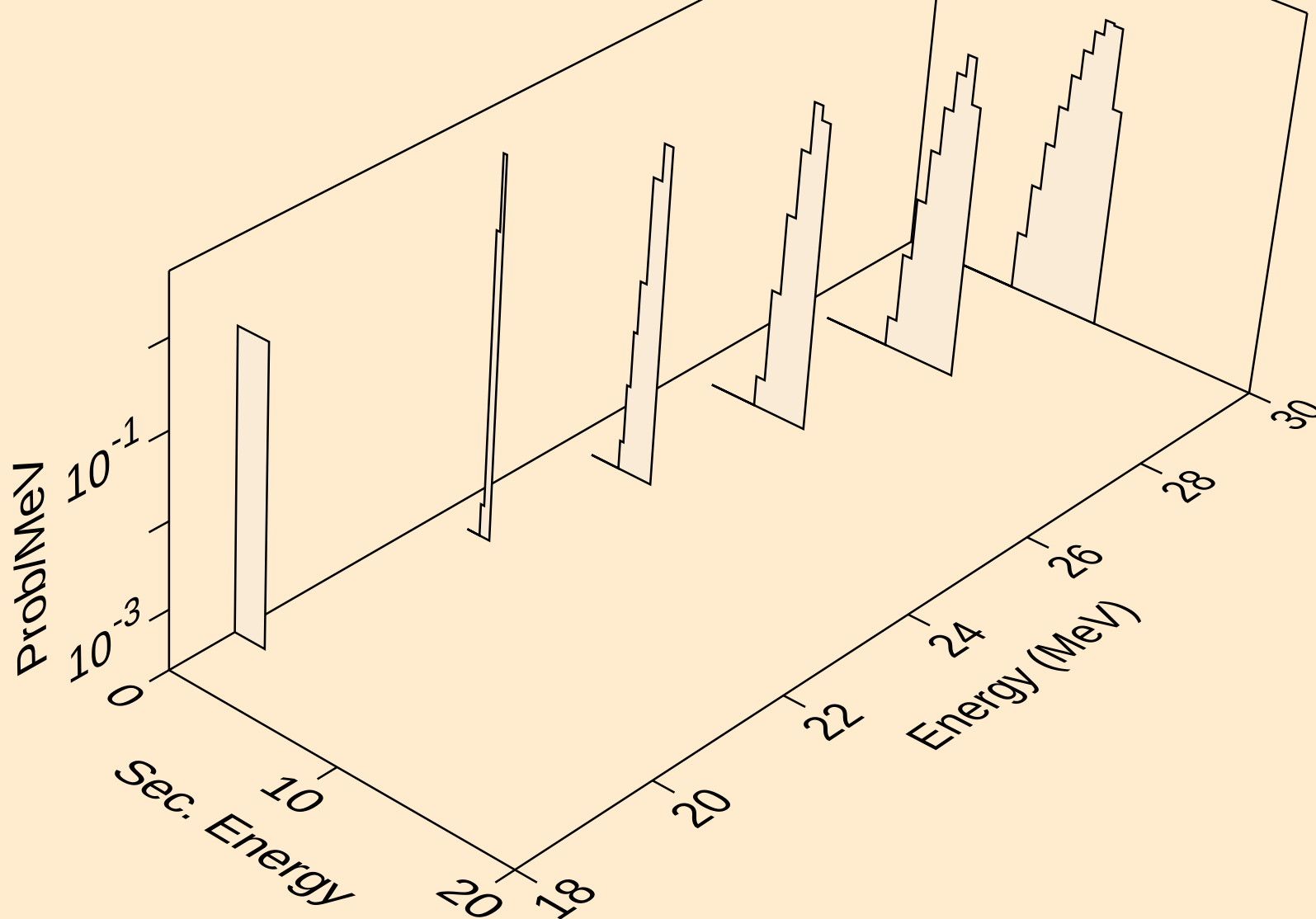
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



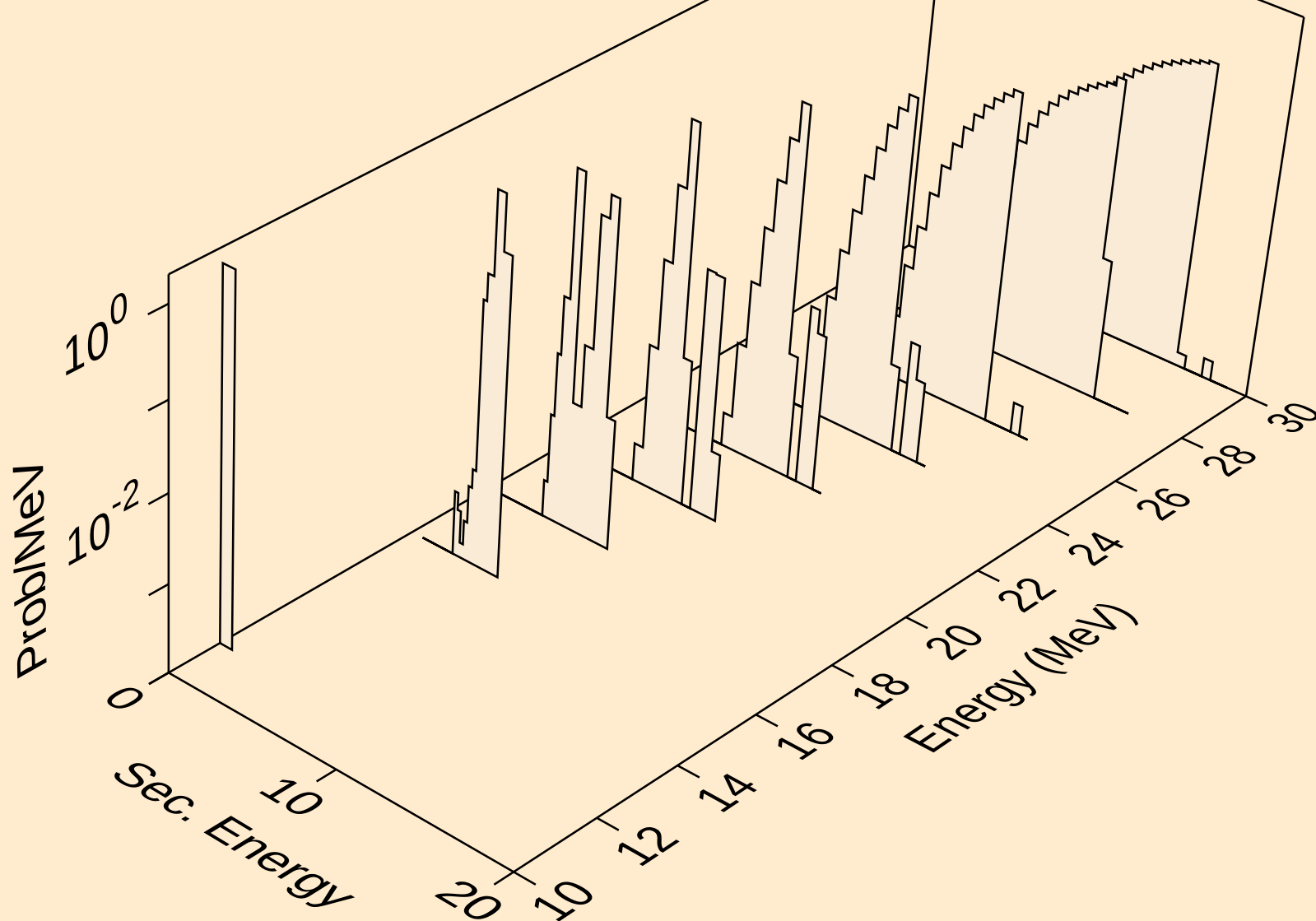
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



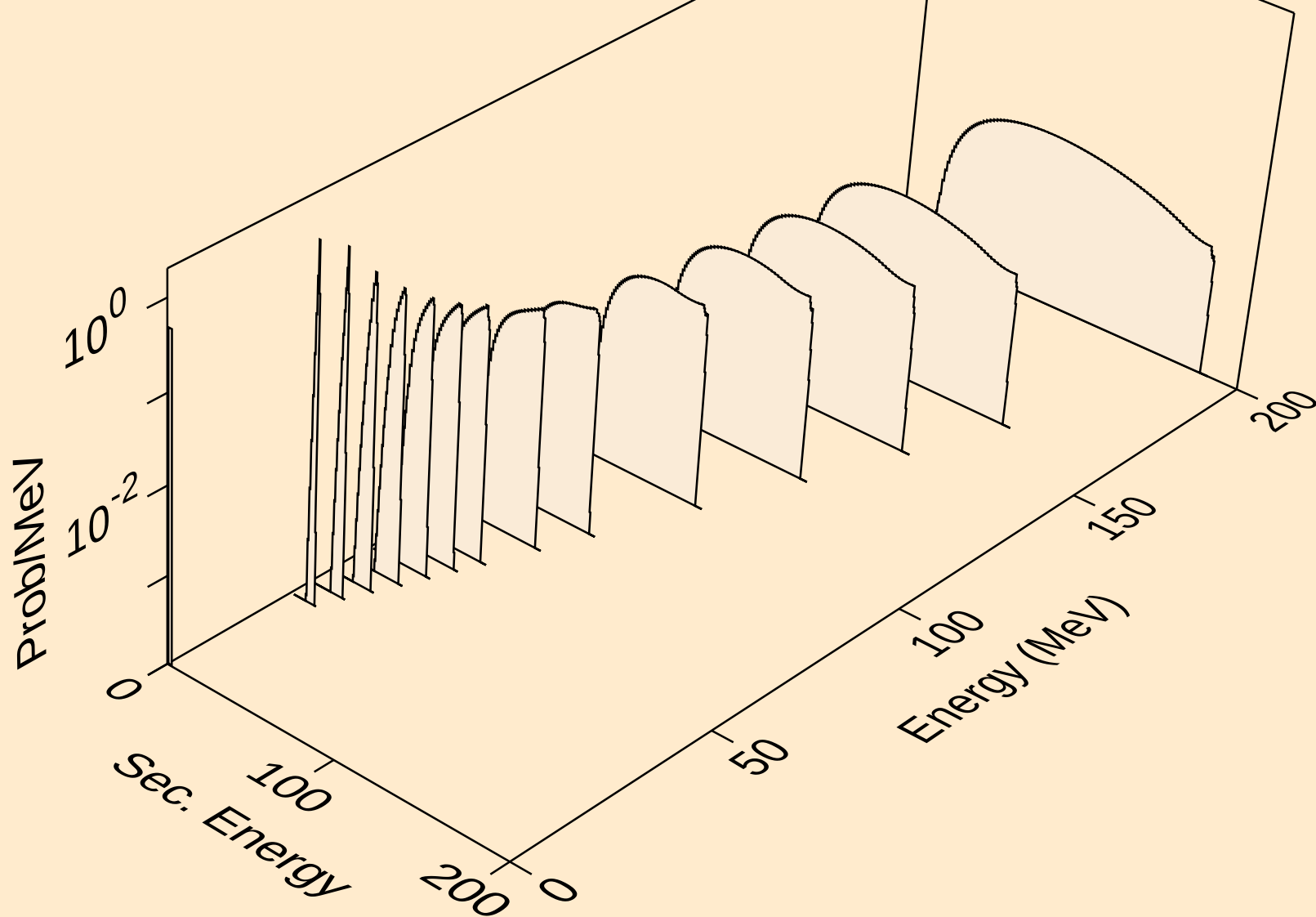
RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



RE191 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

