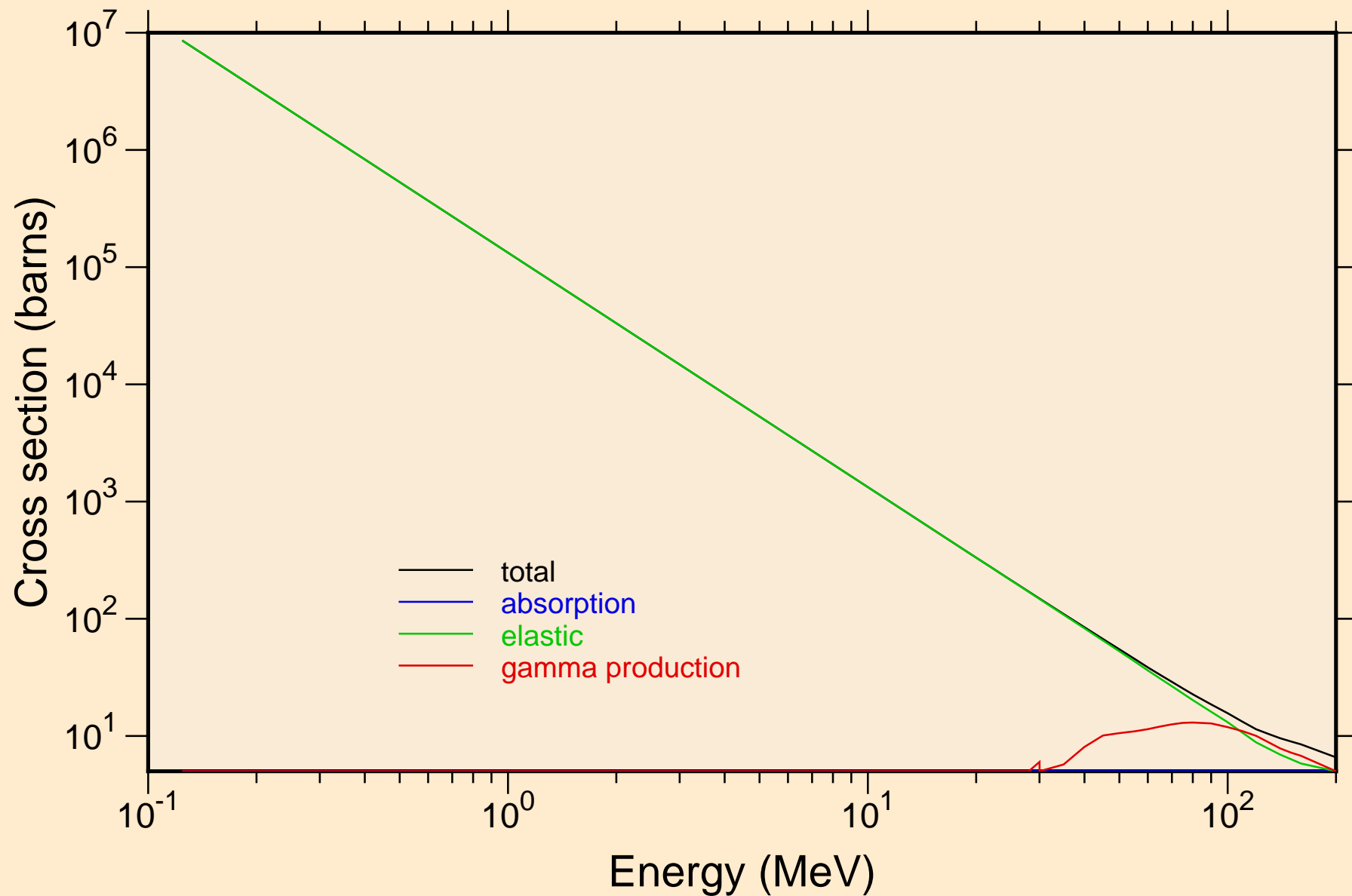
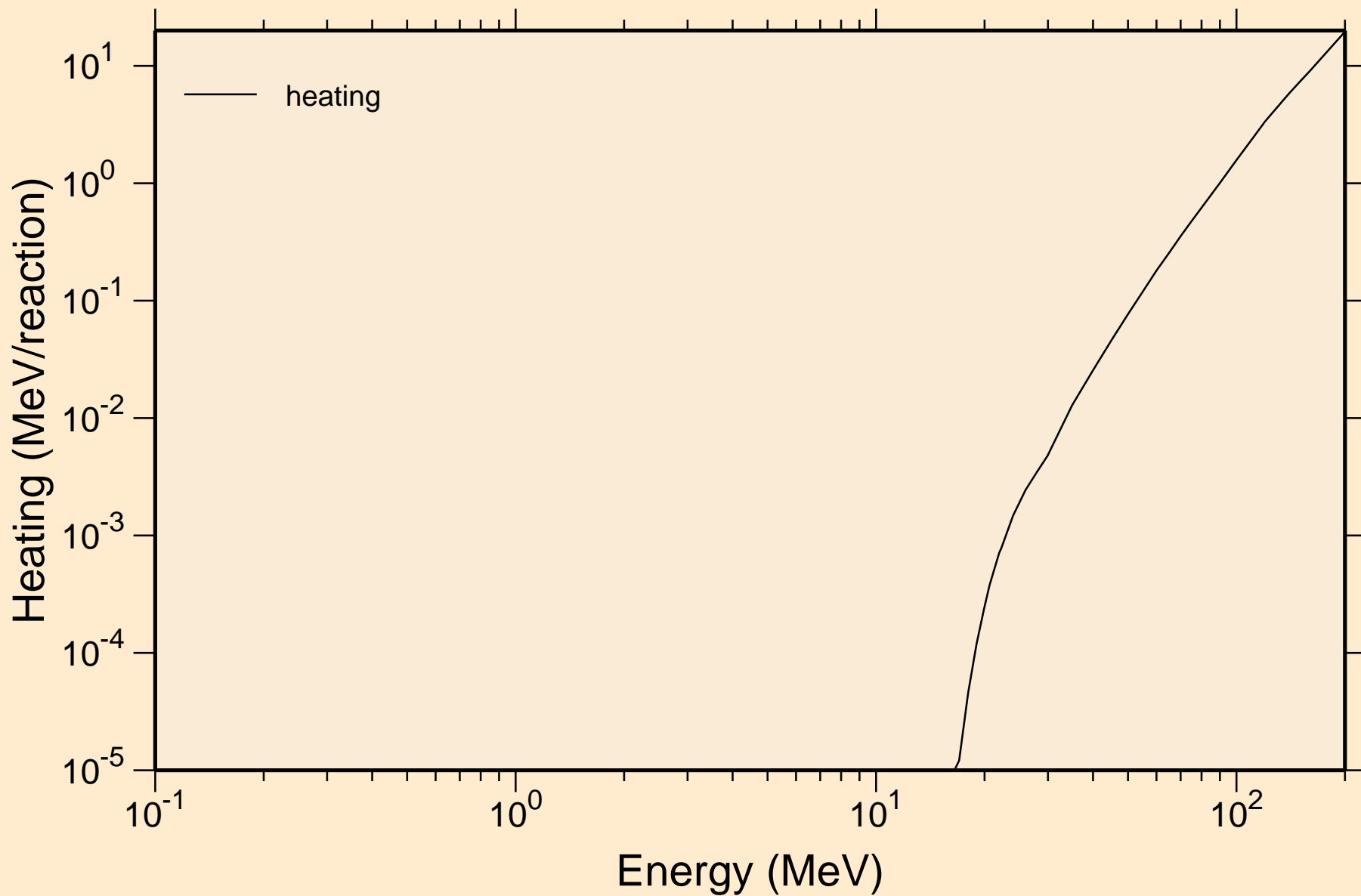


# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

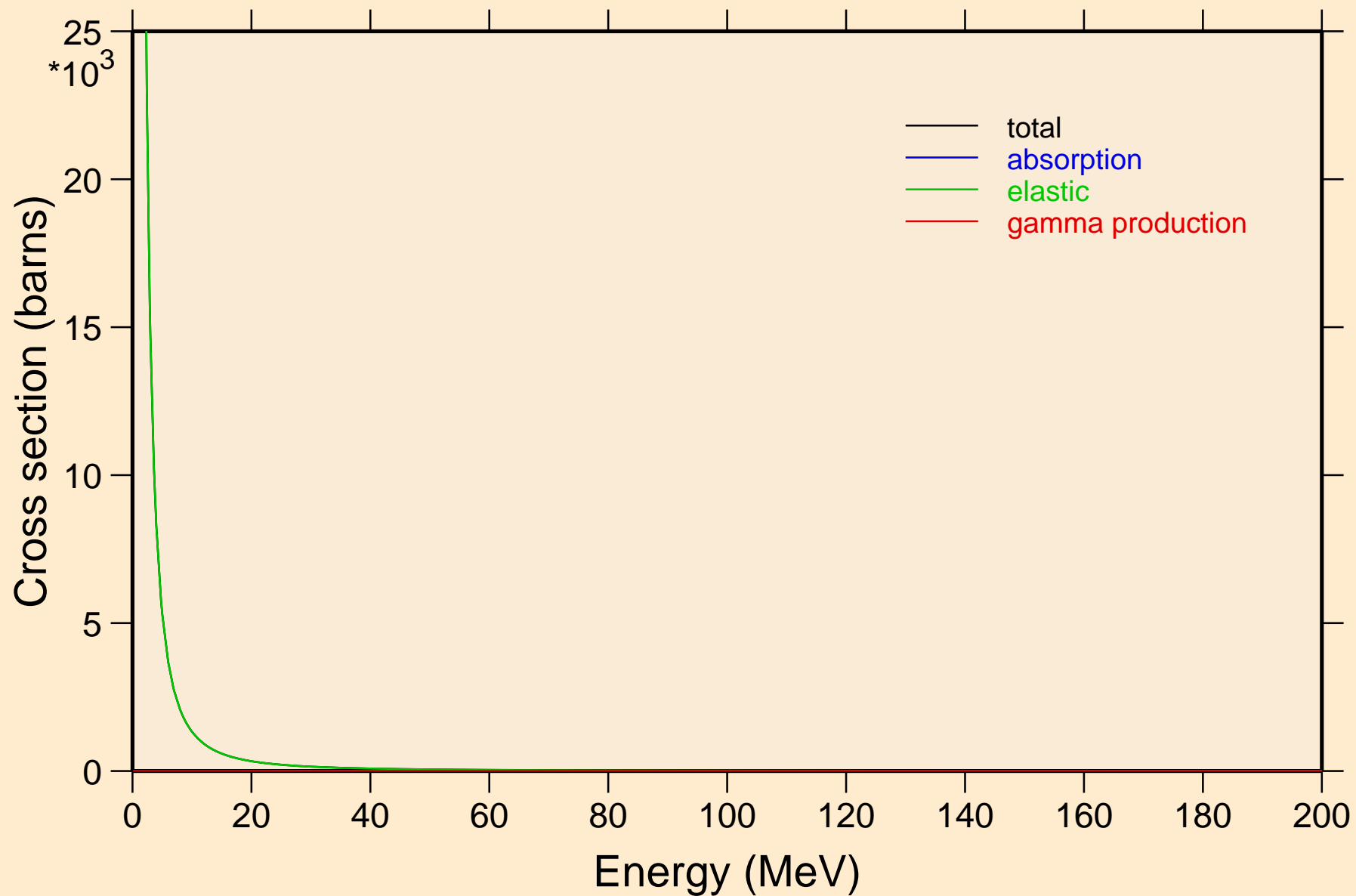


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



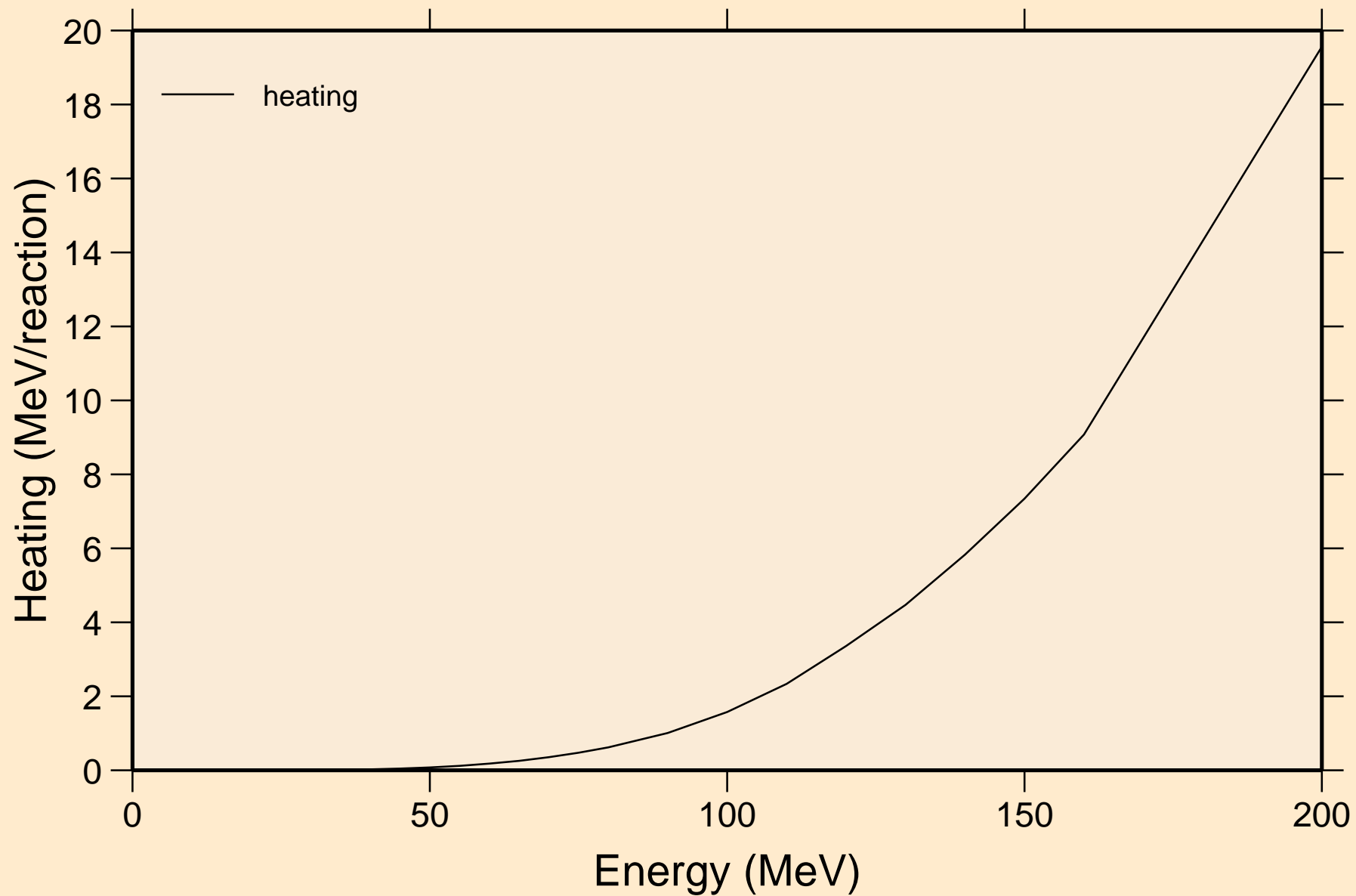
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



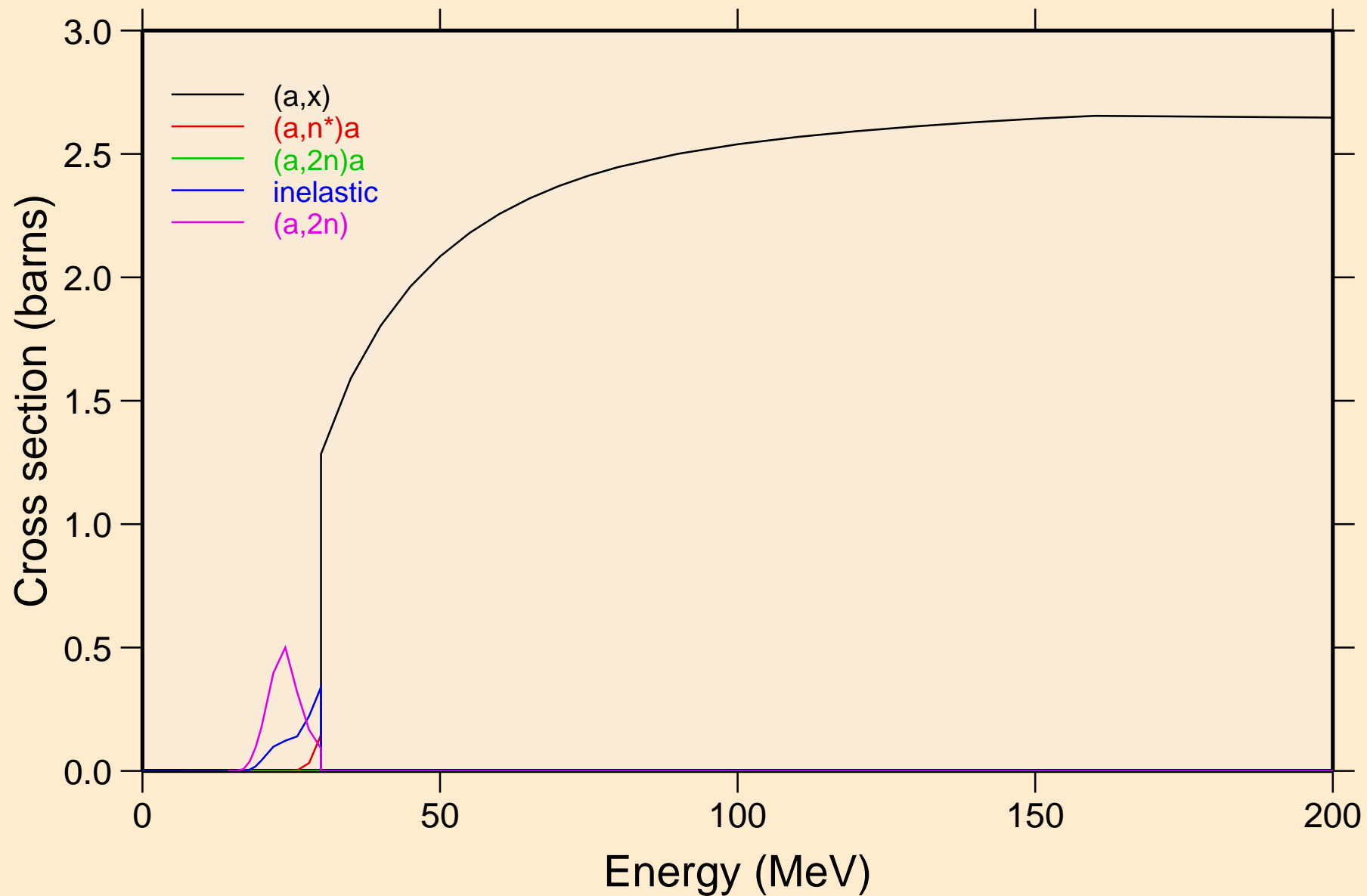
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



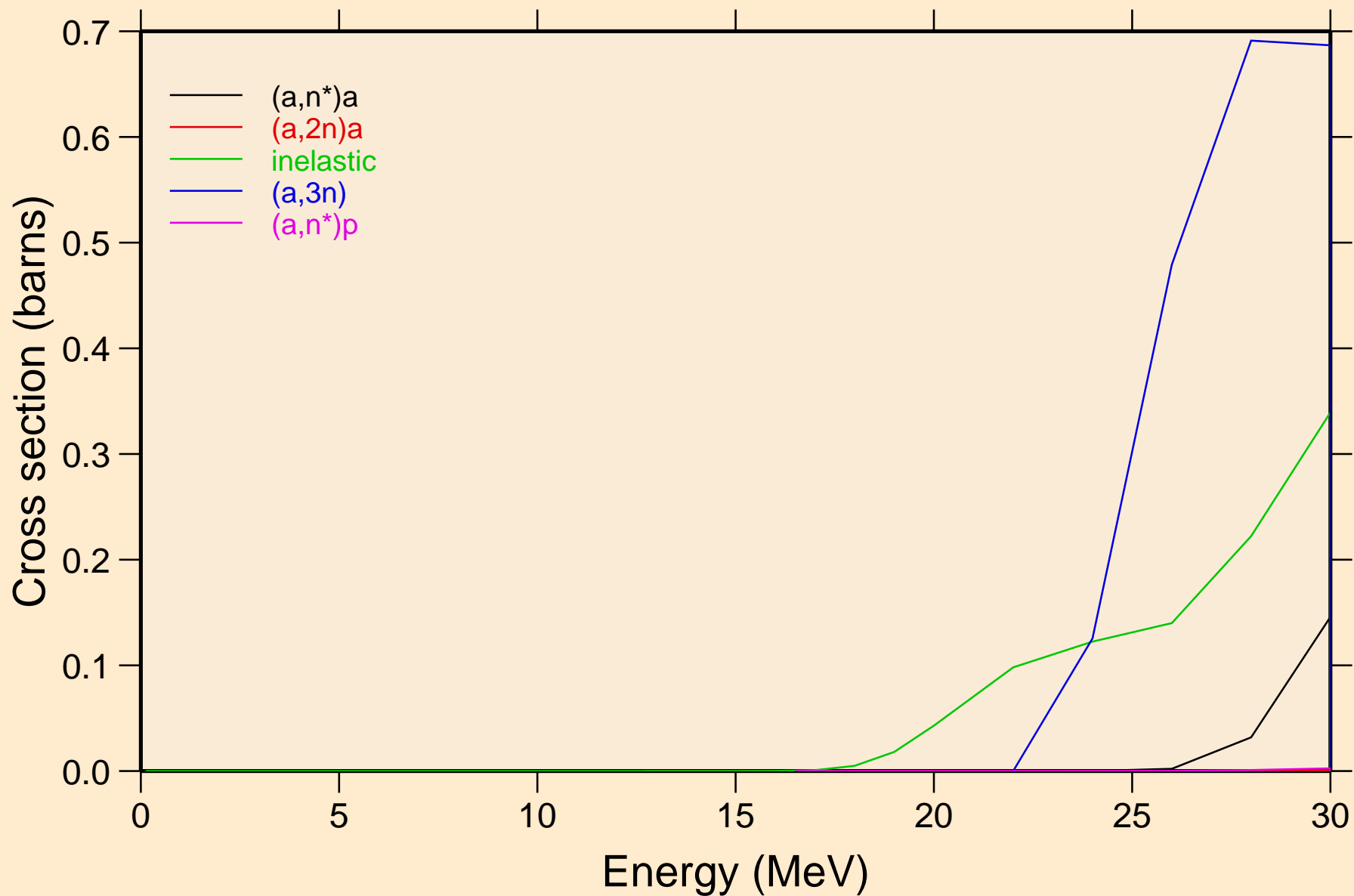
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



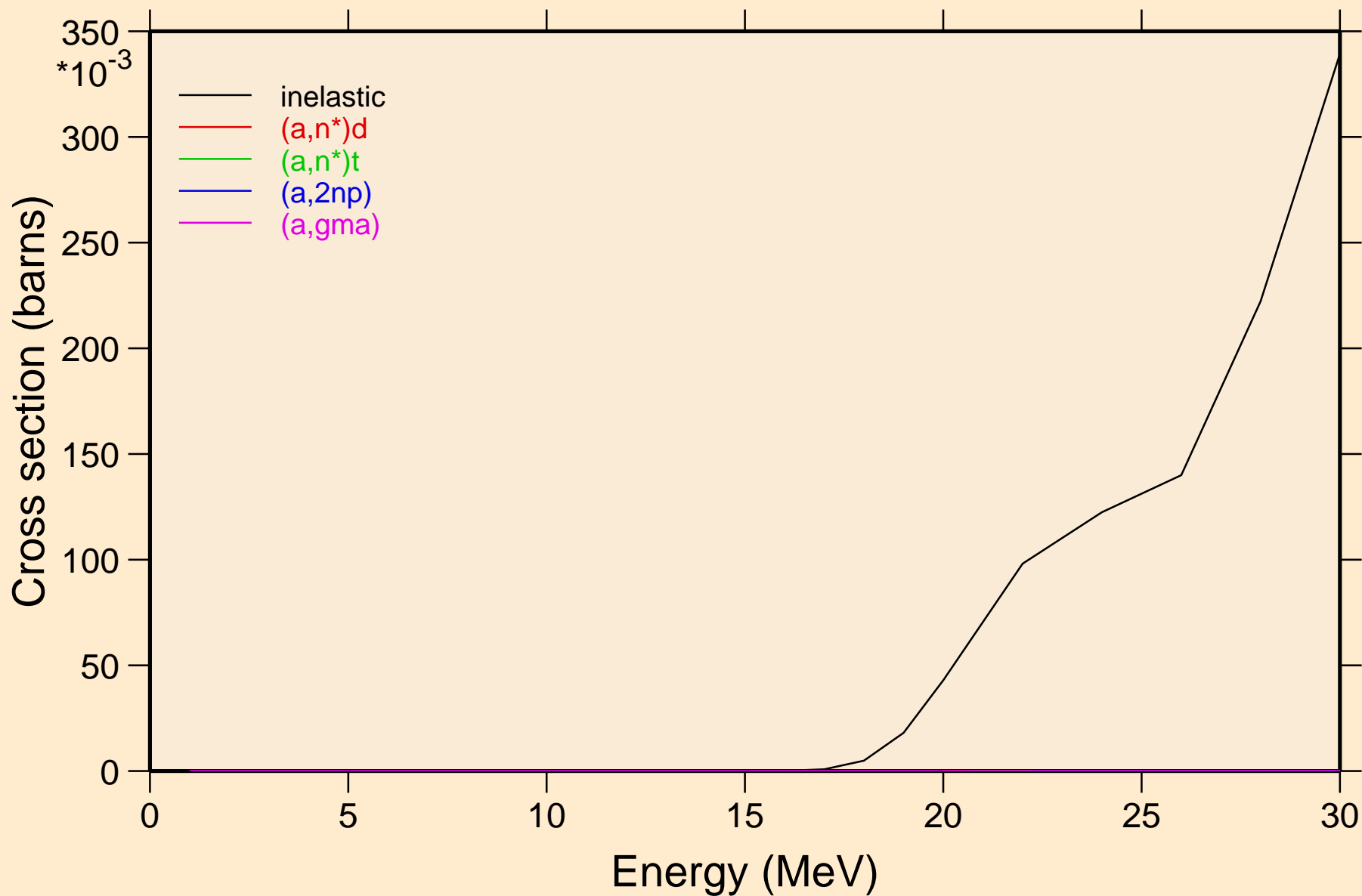
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

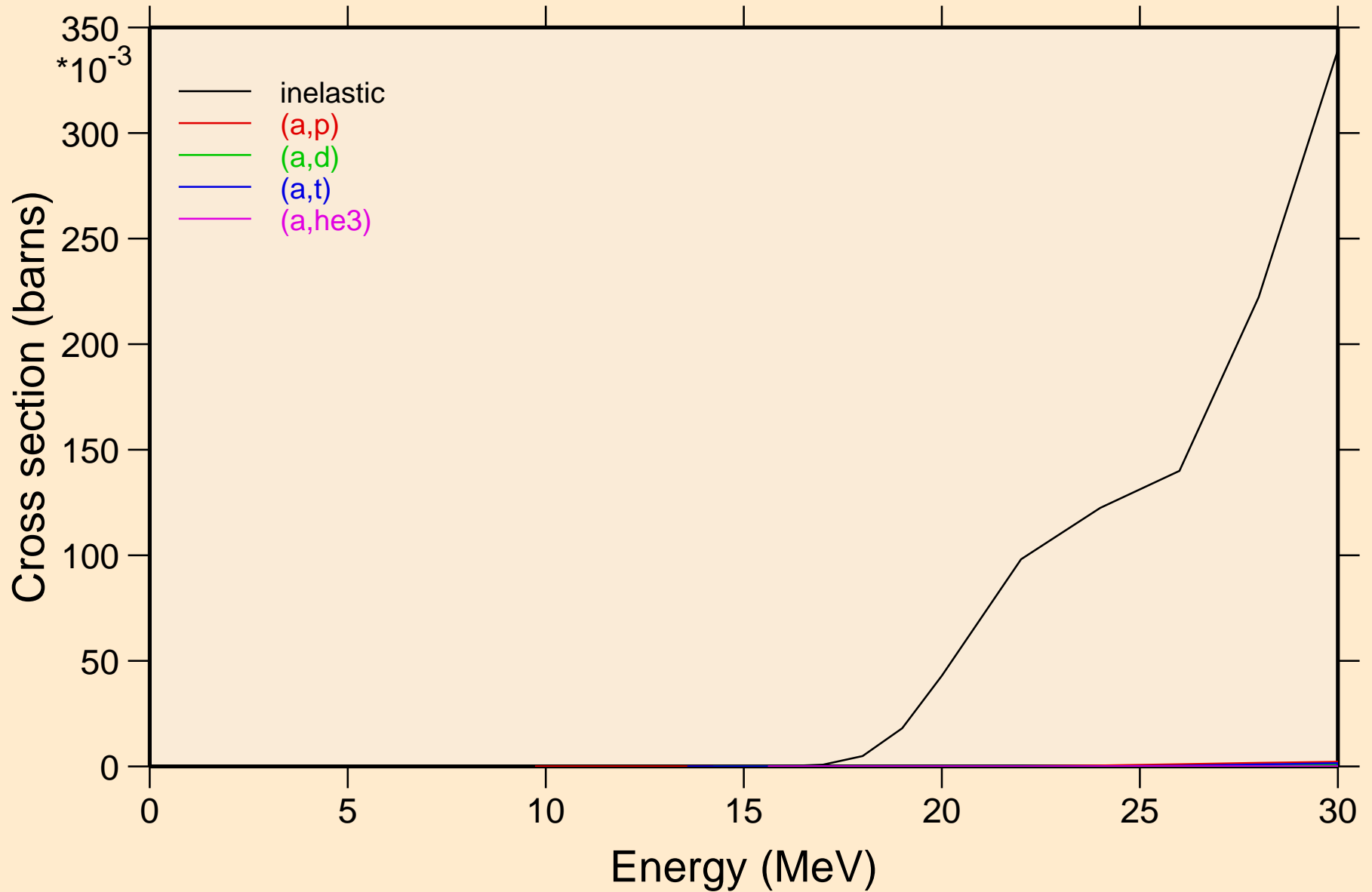


# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

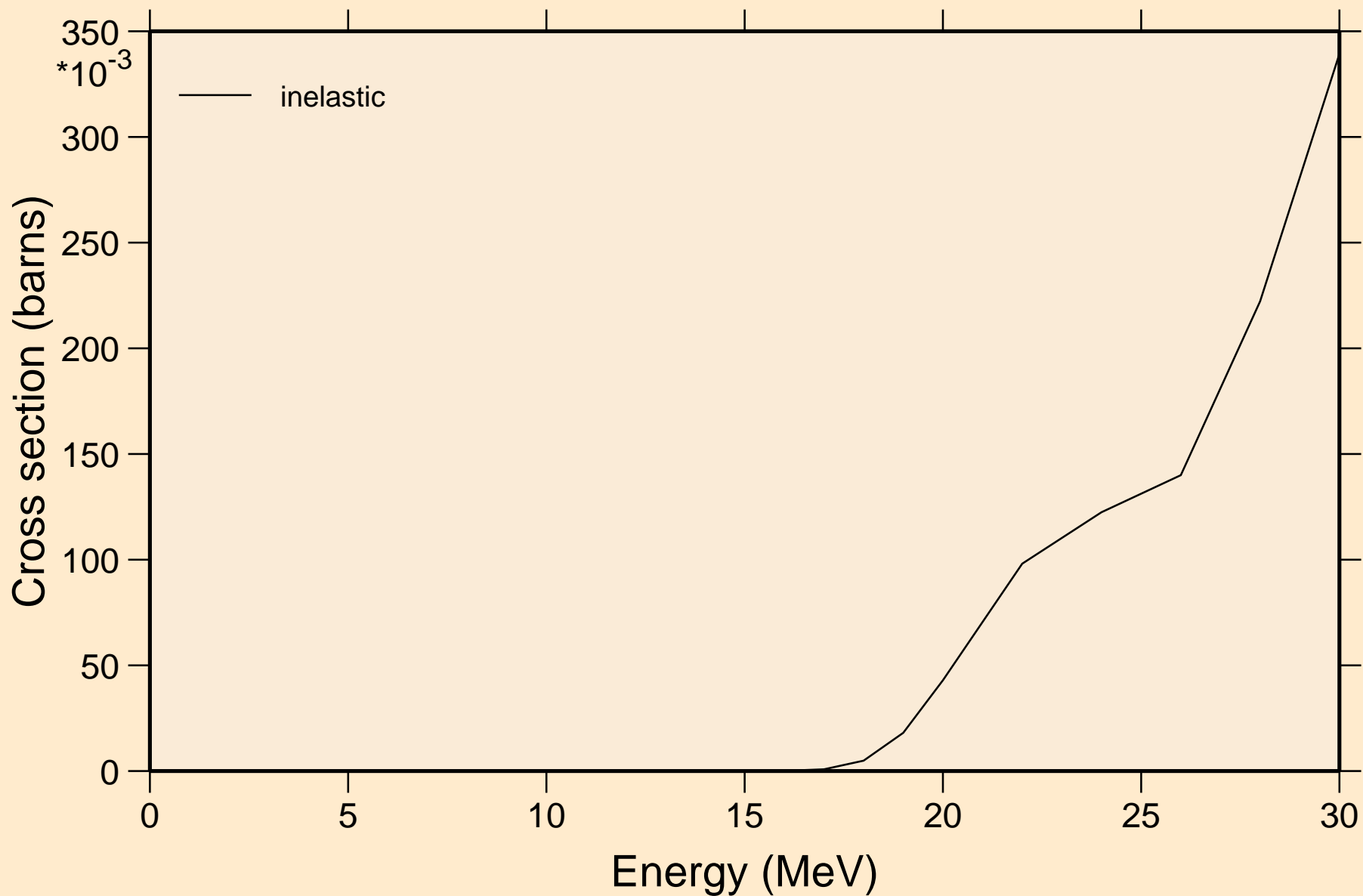


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

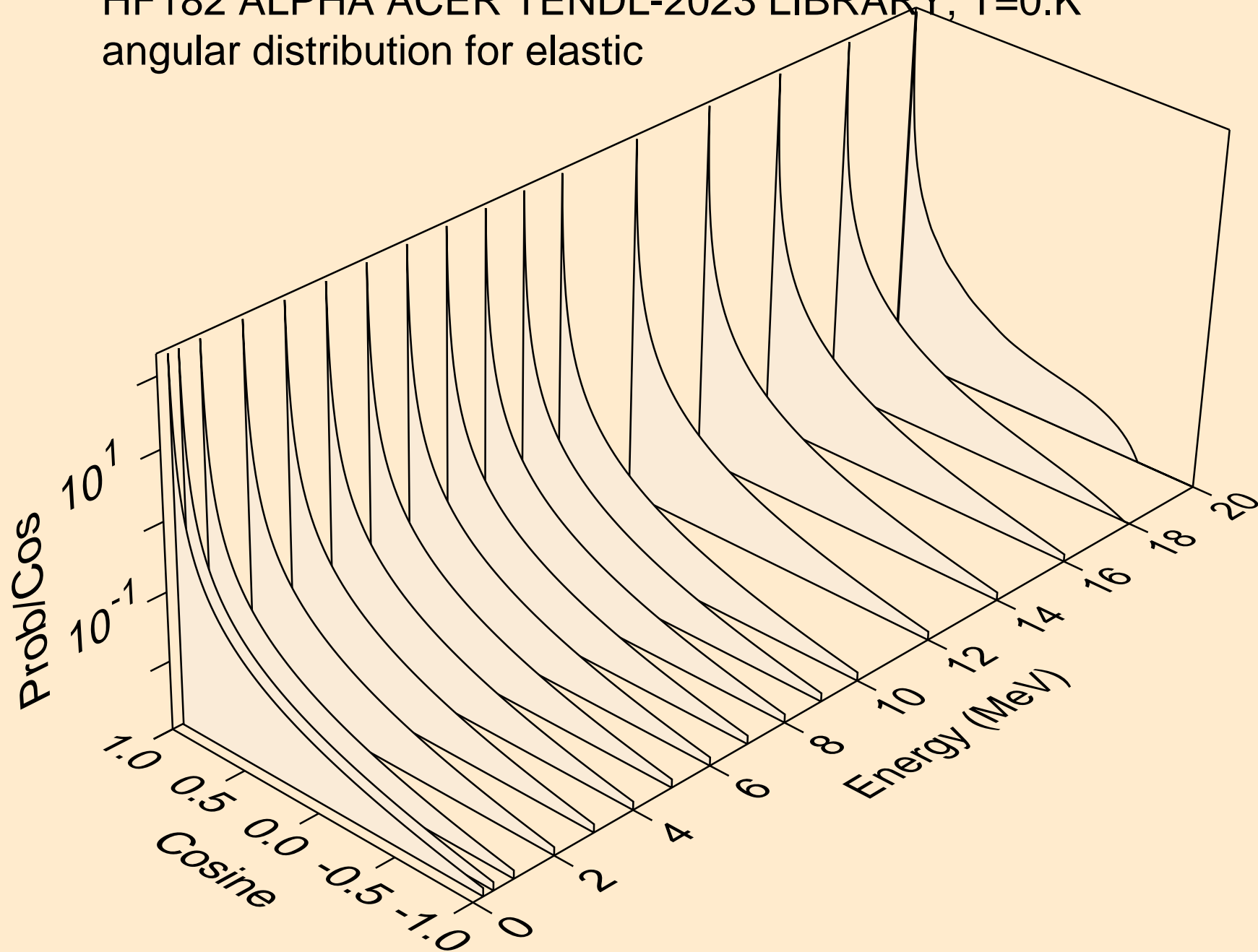




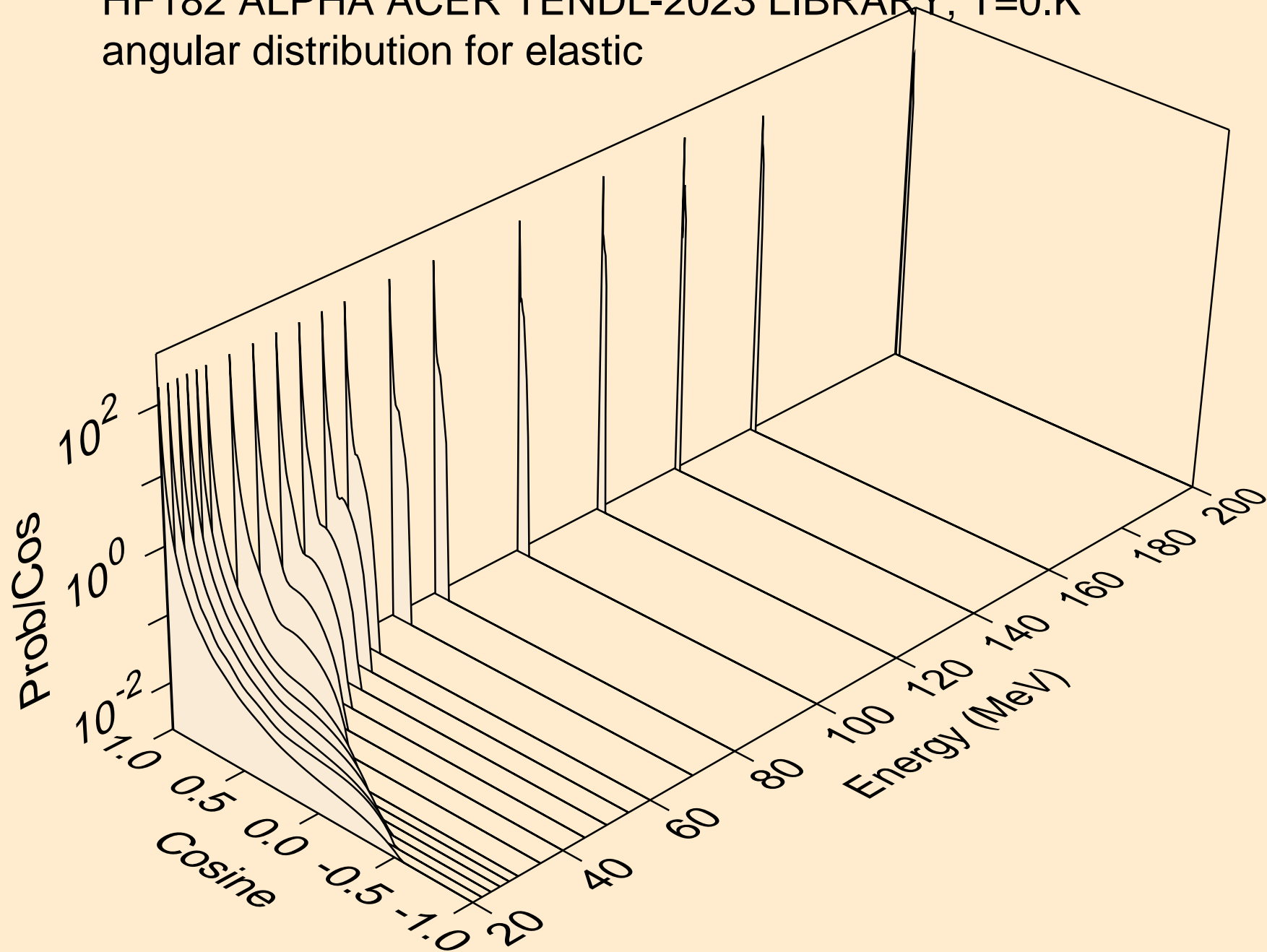
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



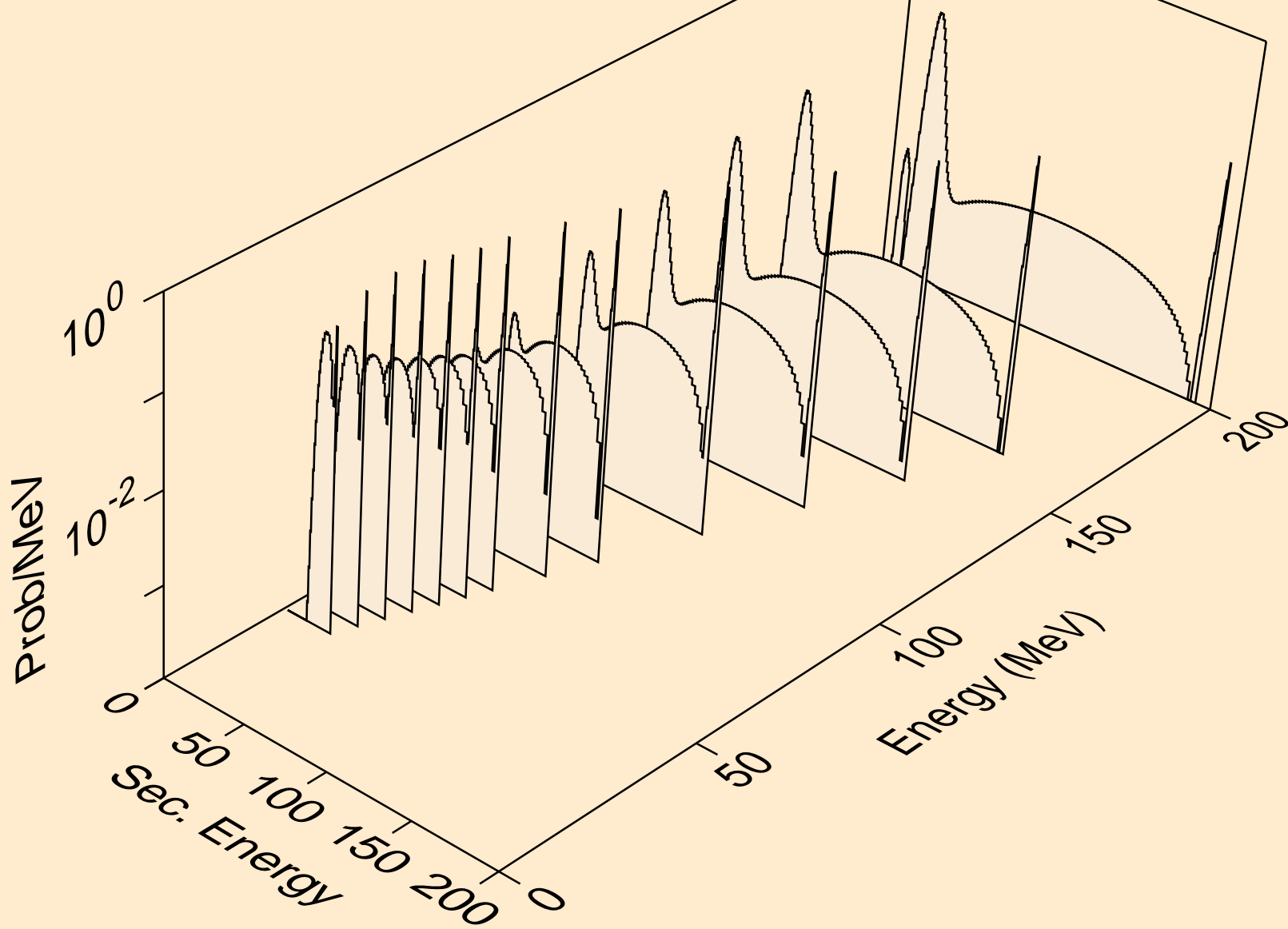
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



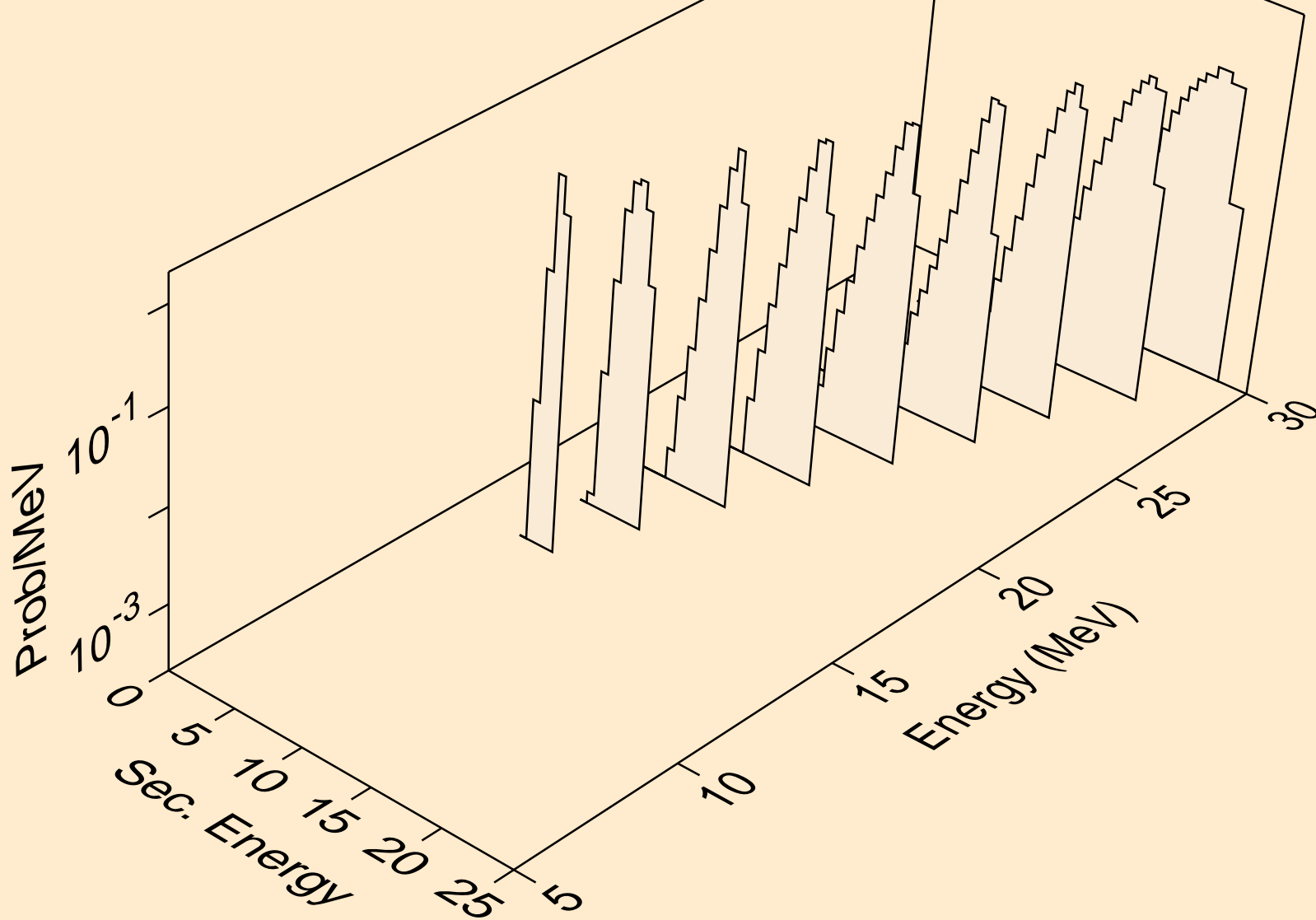
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



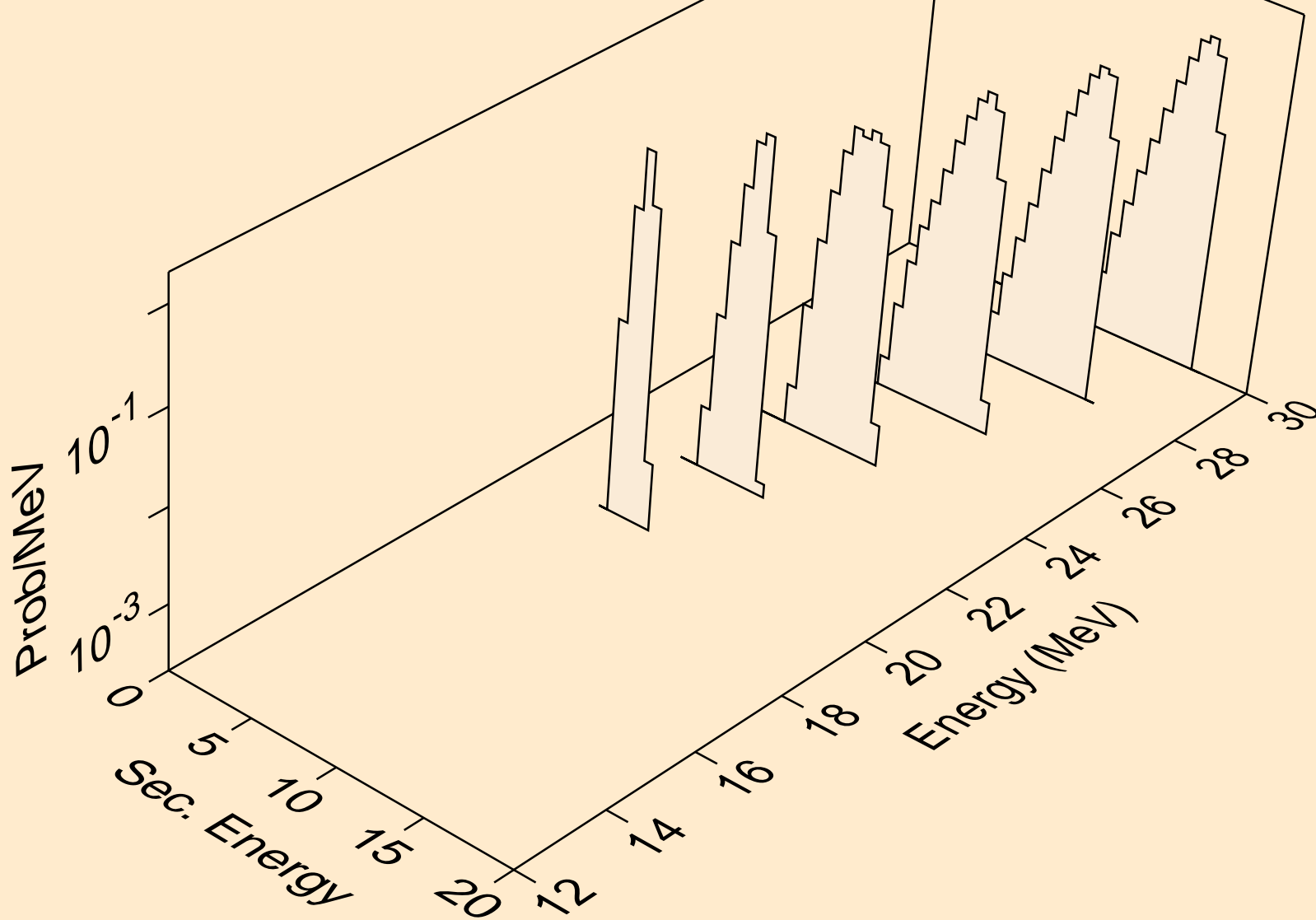
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



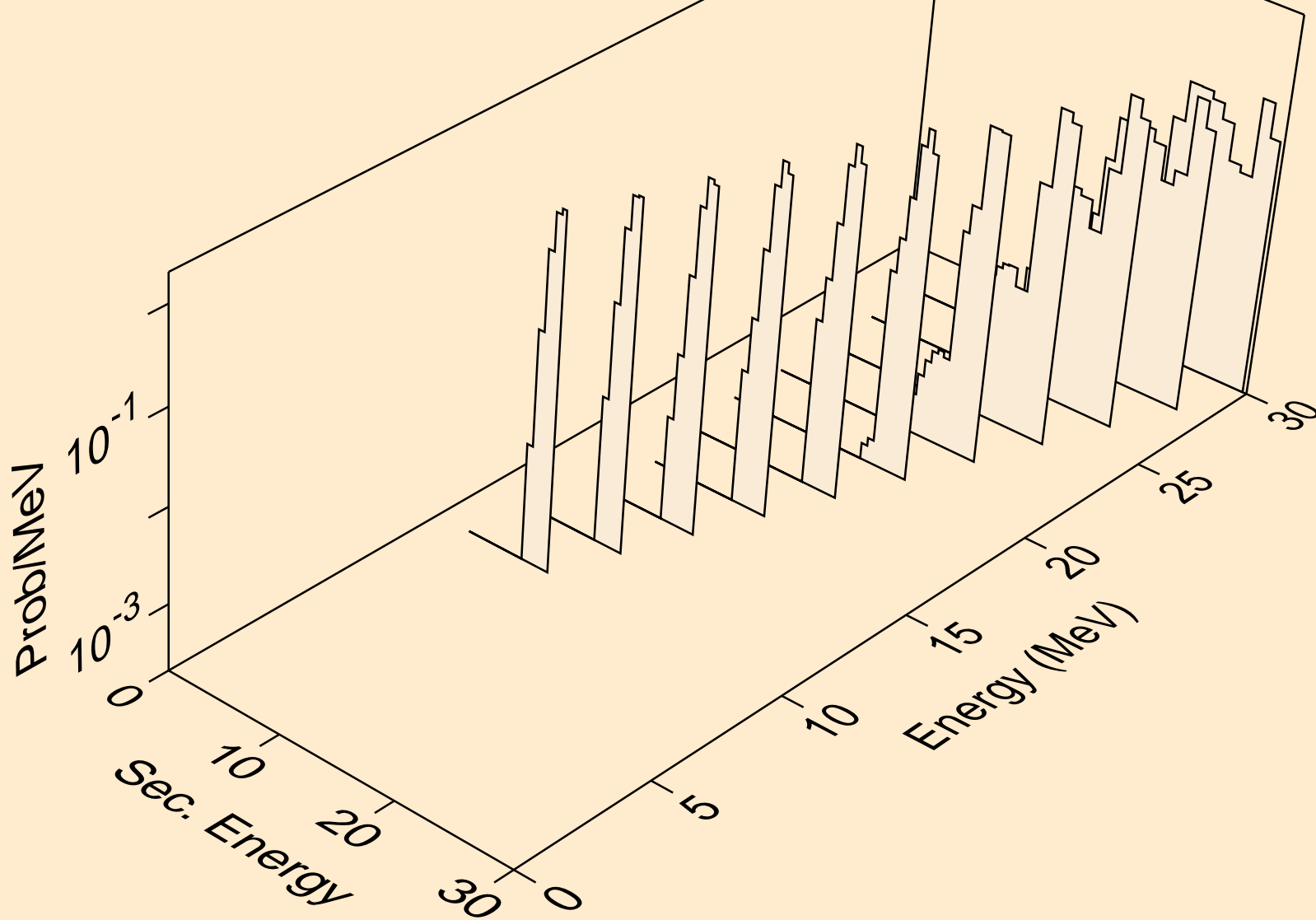
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

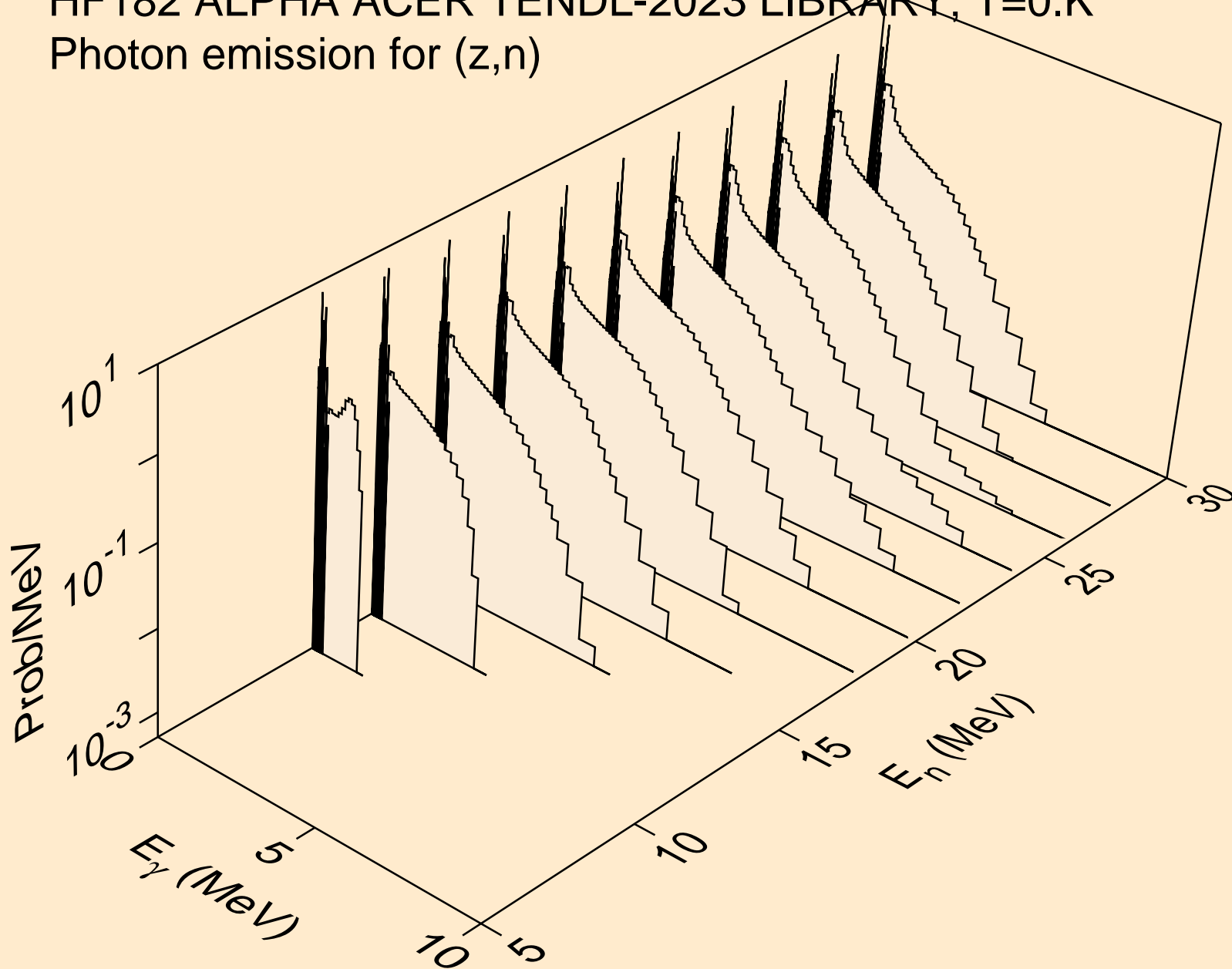


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



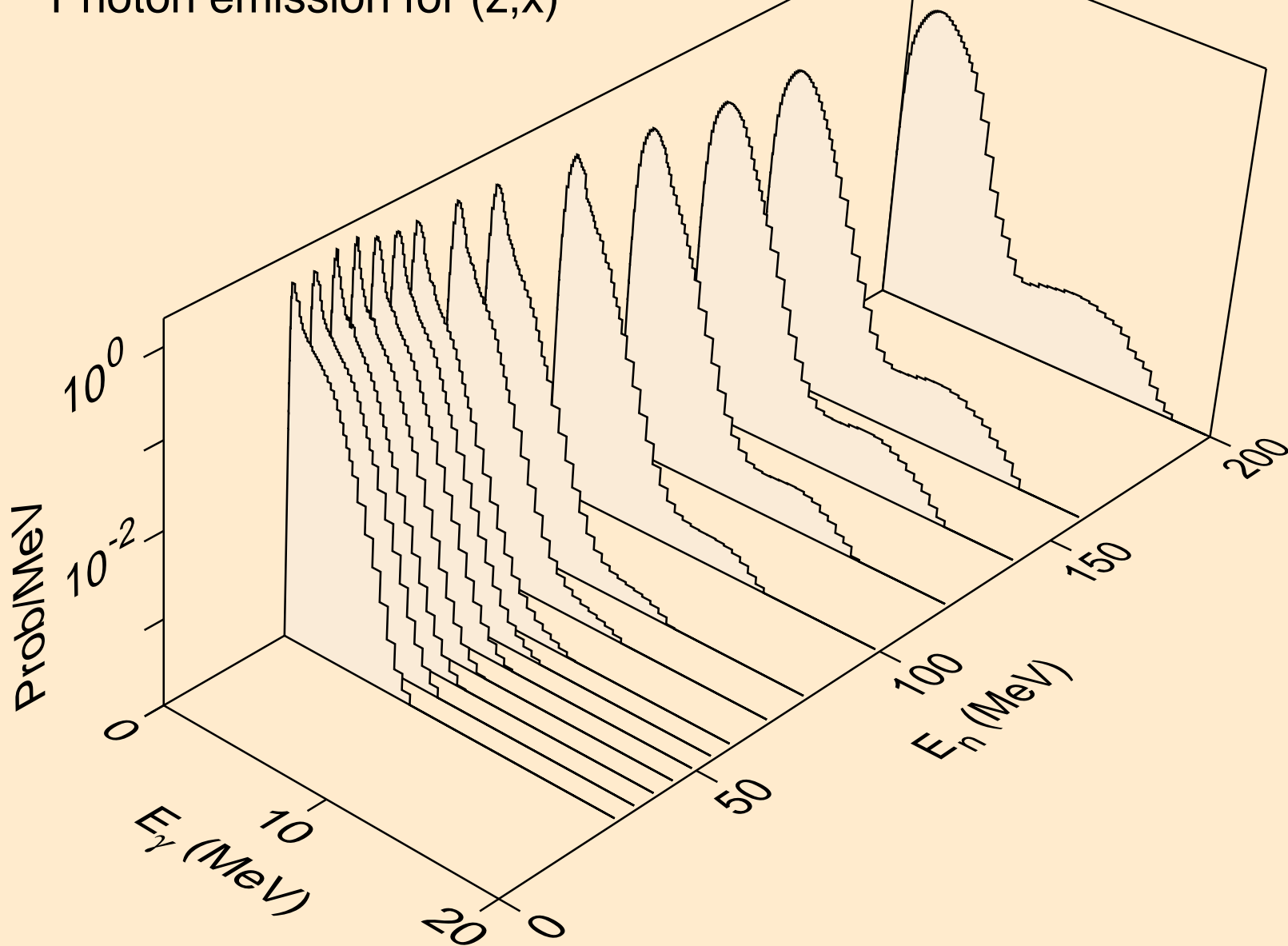
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,n)

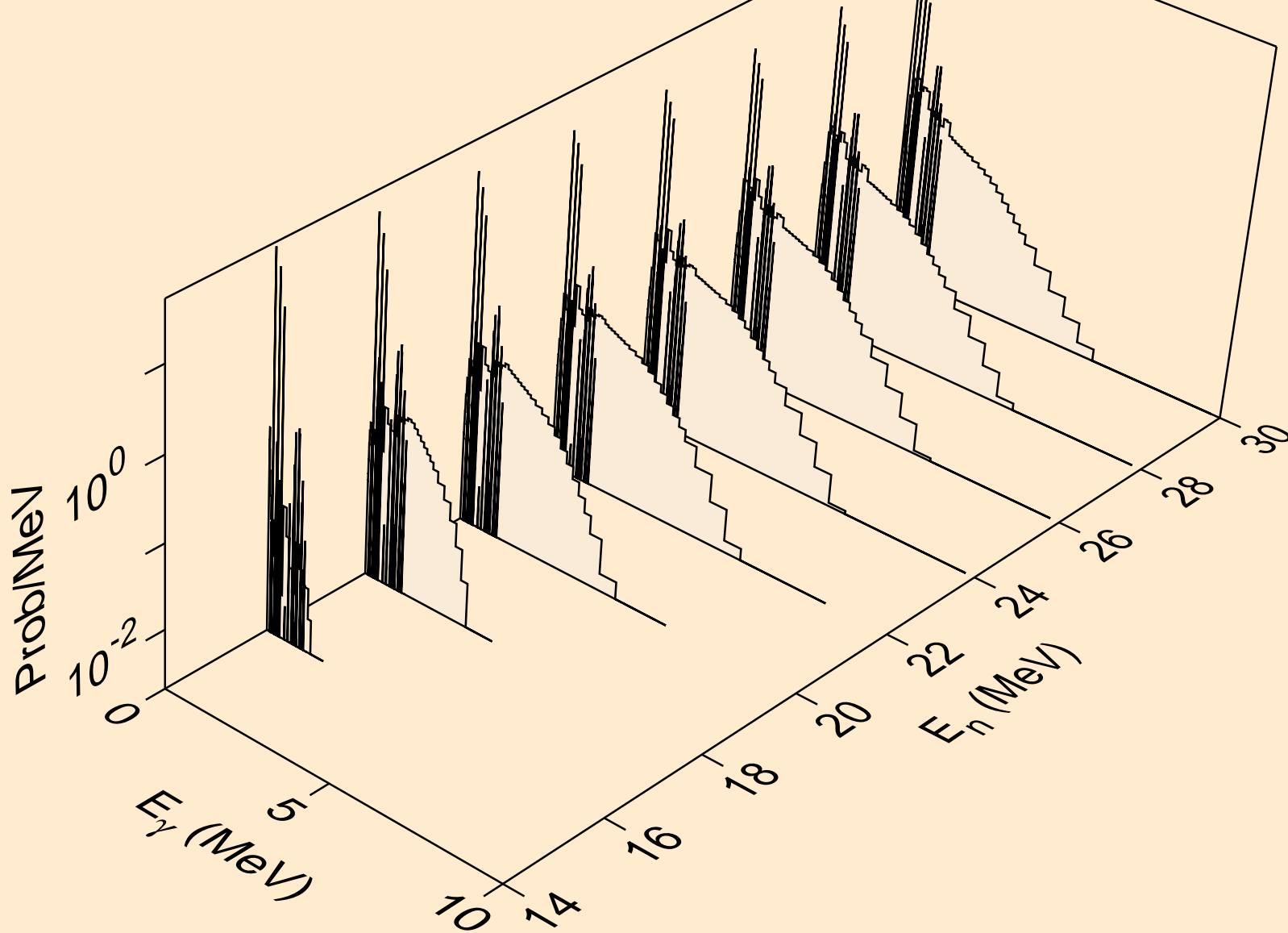




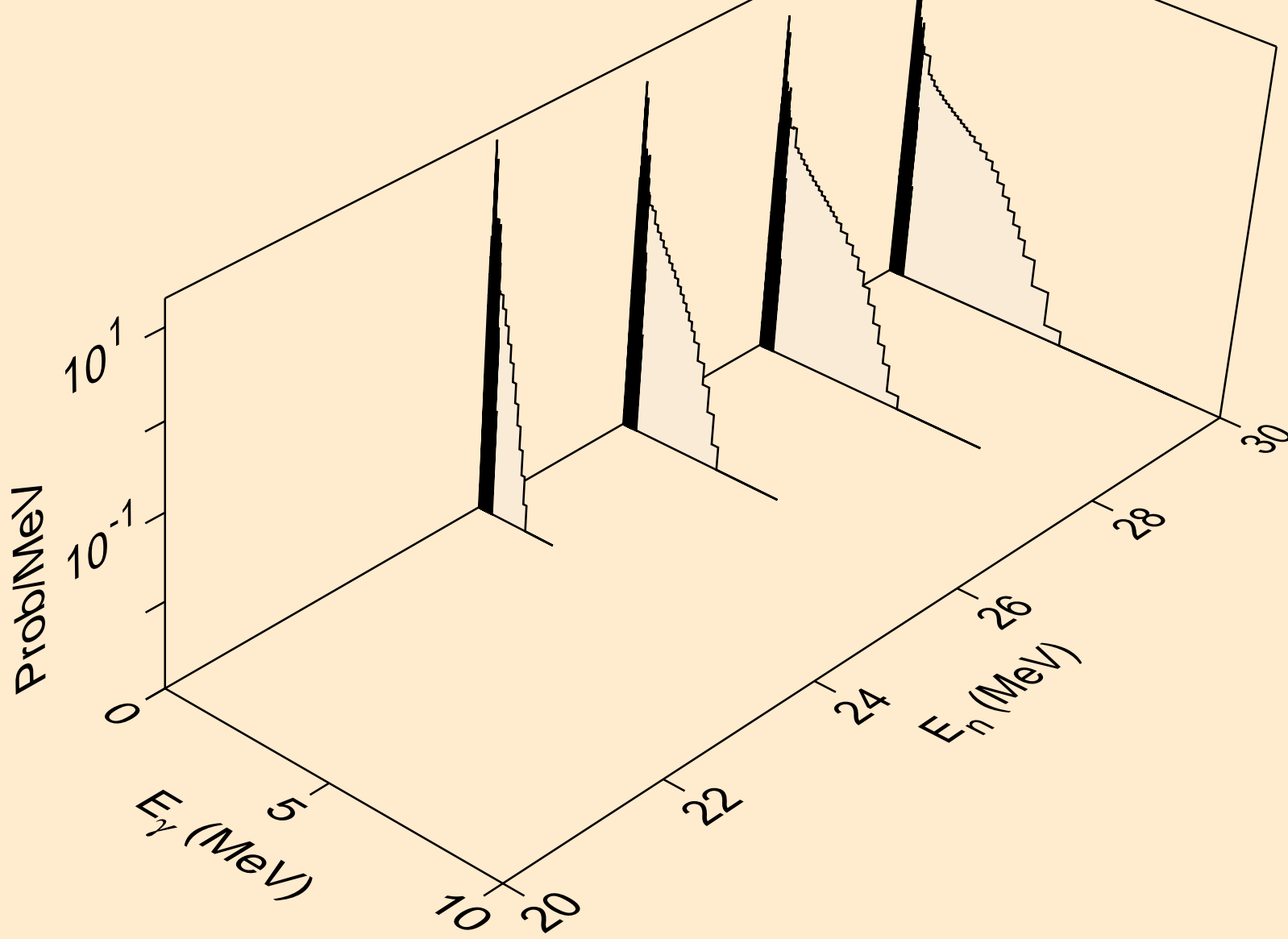
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



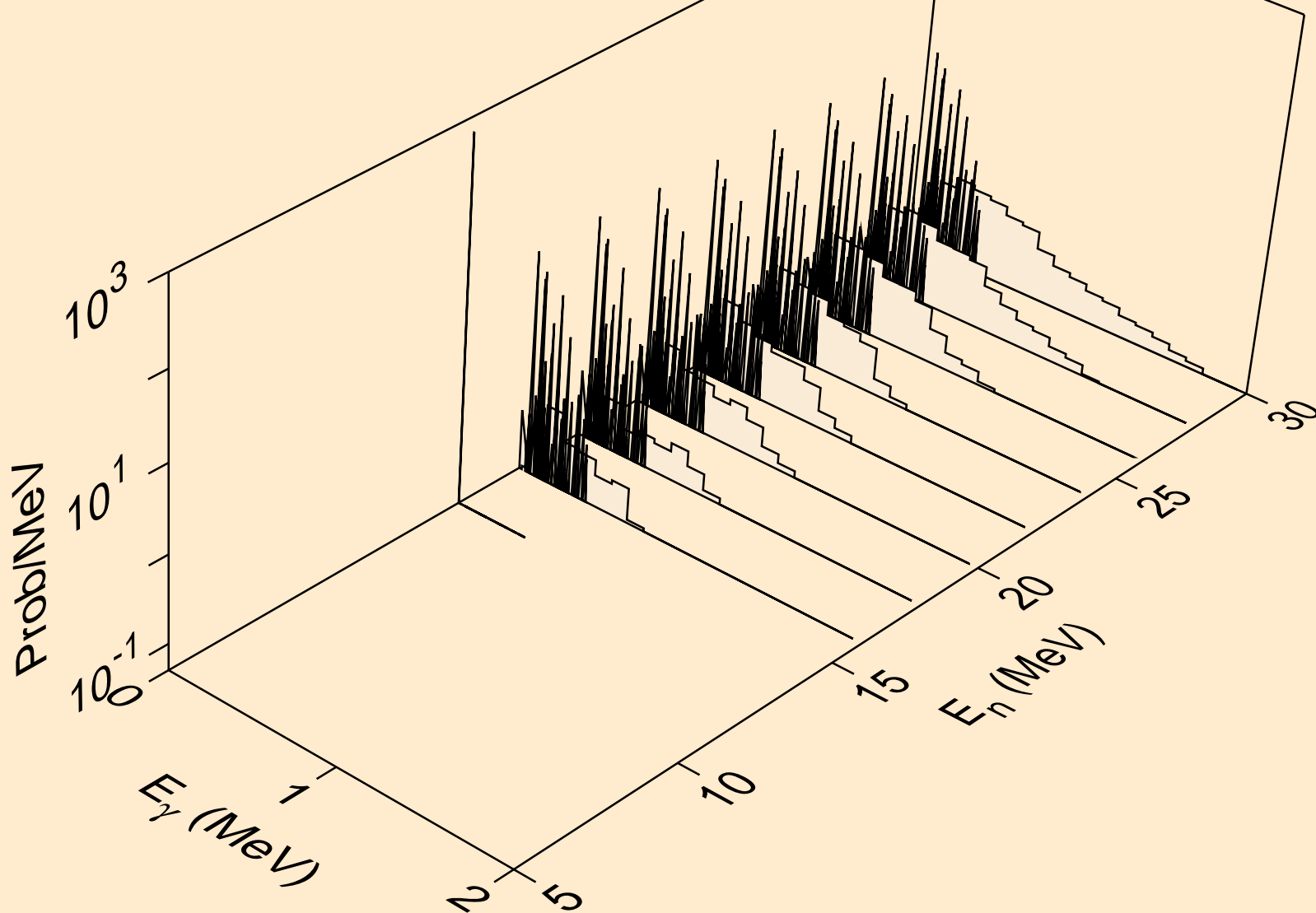
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



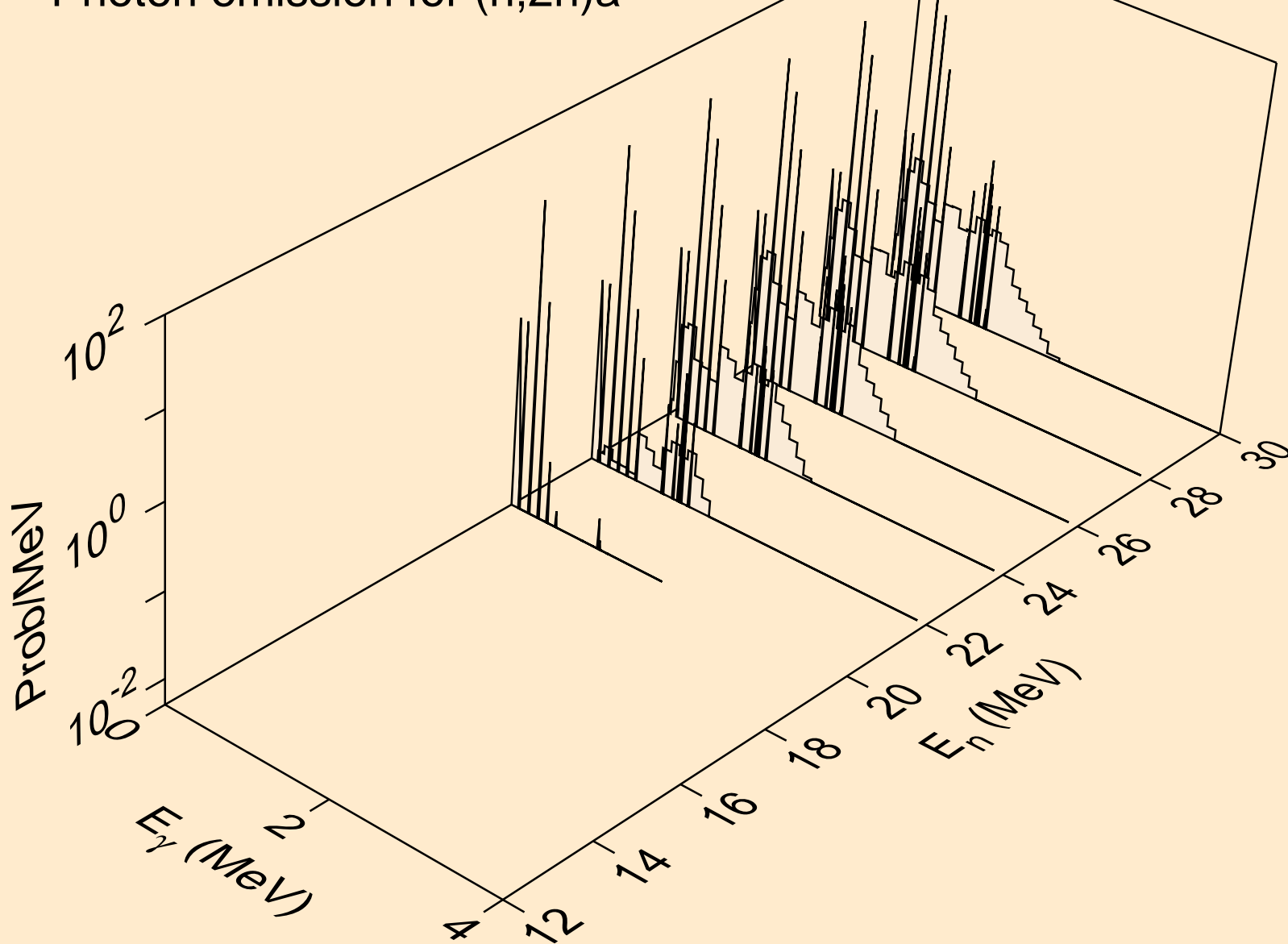
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



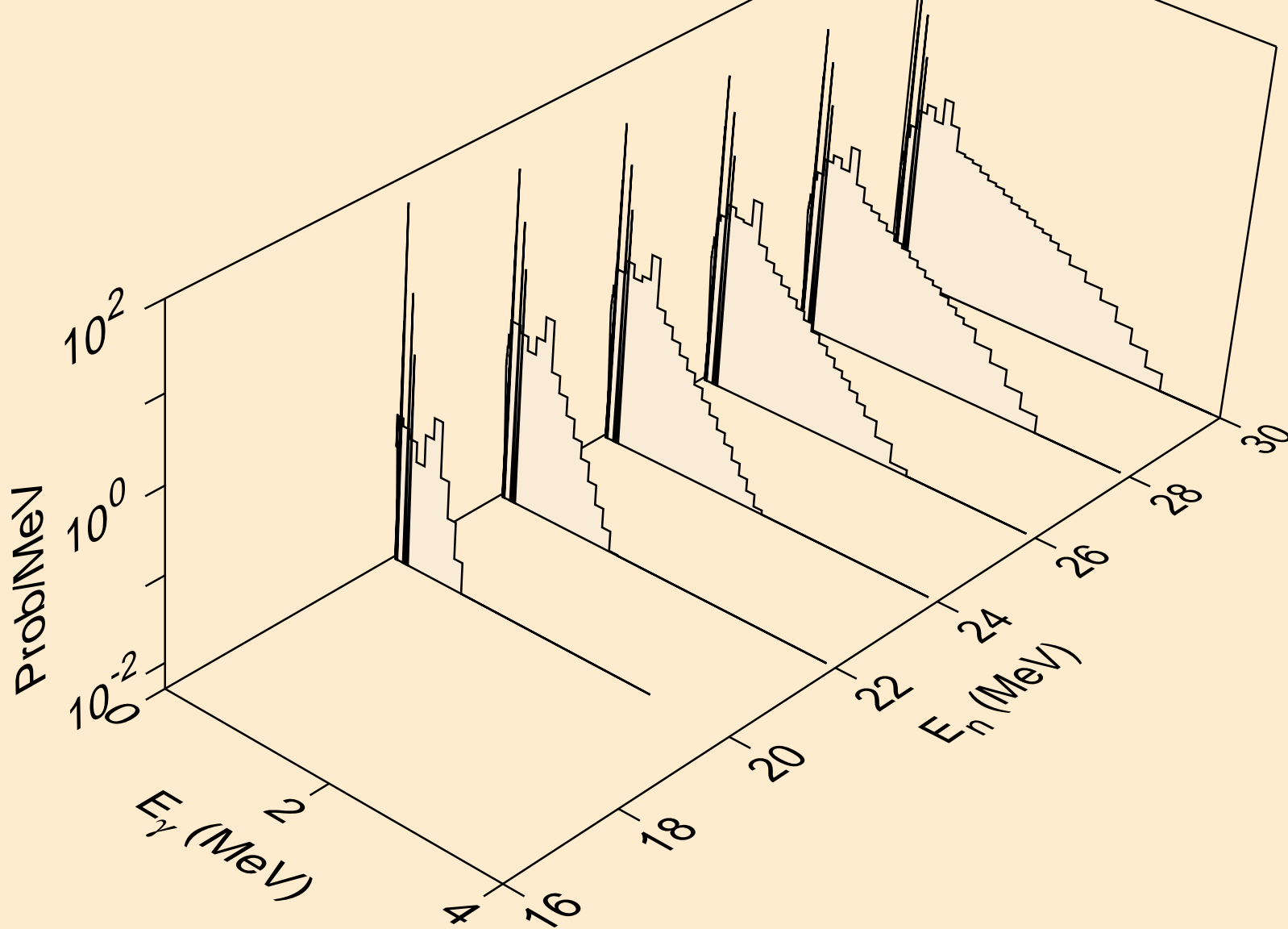
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



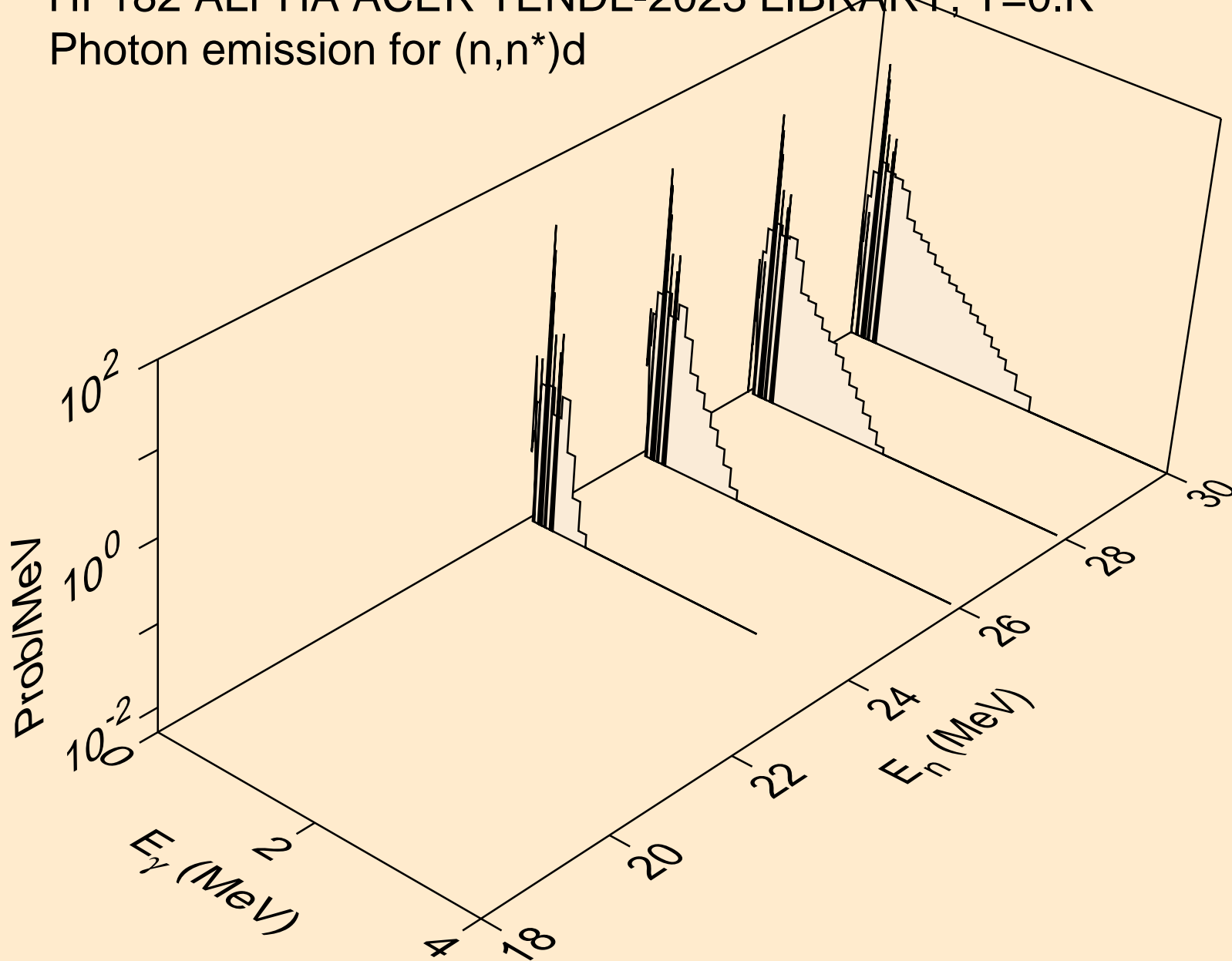
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



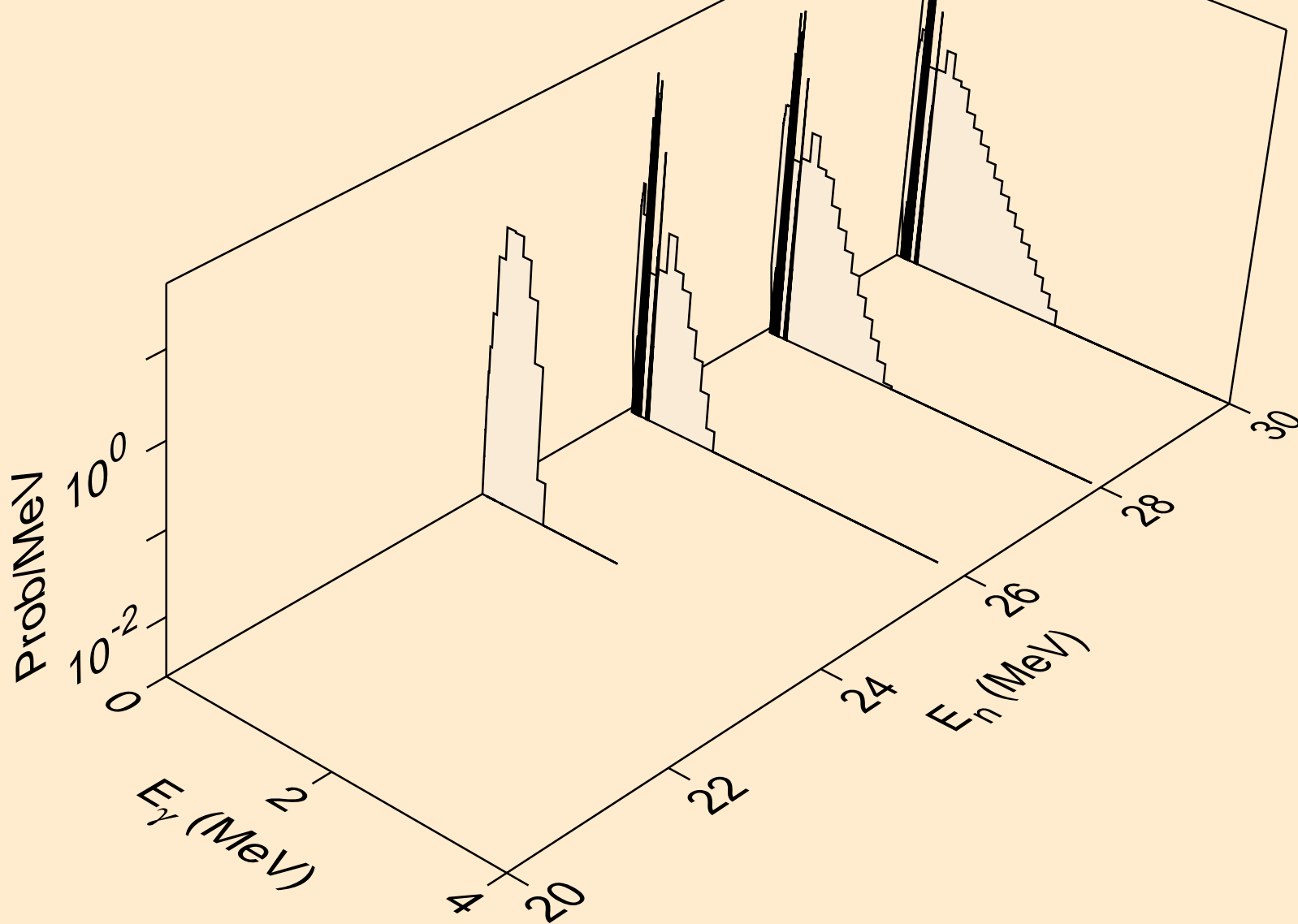
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

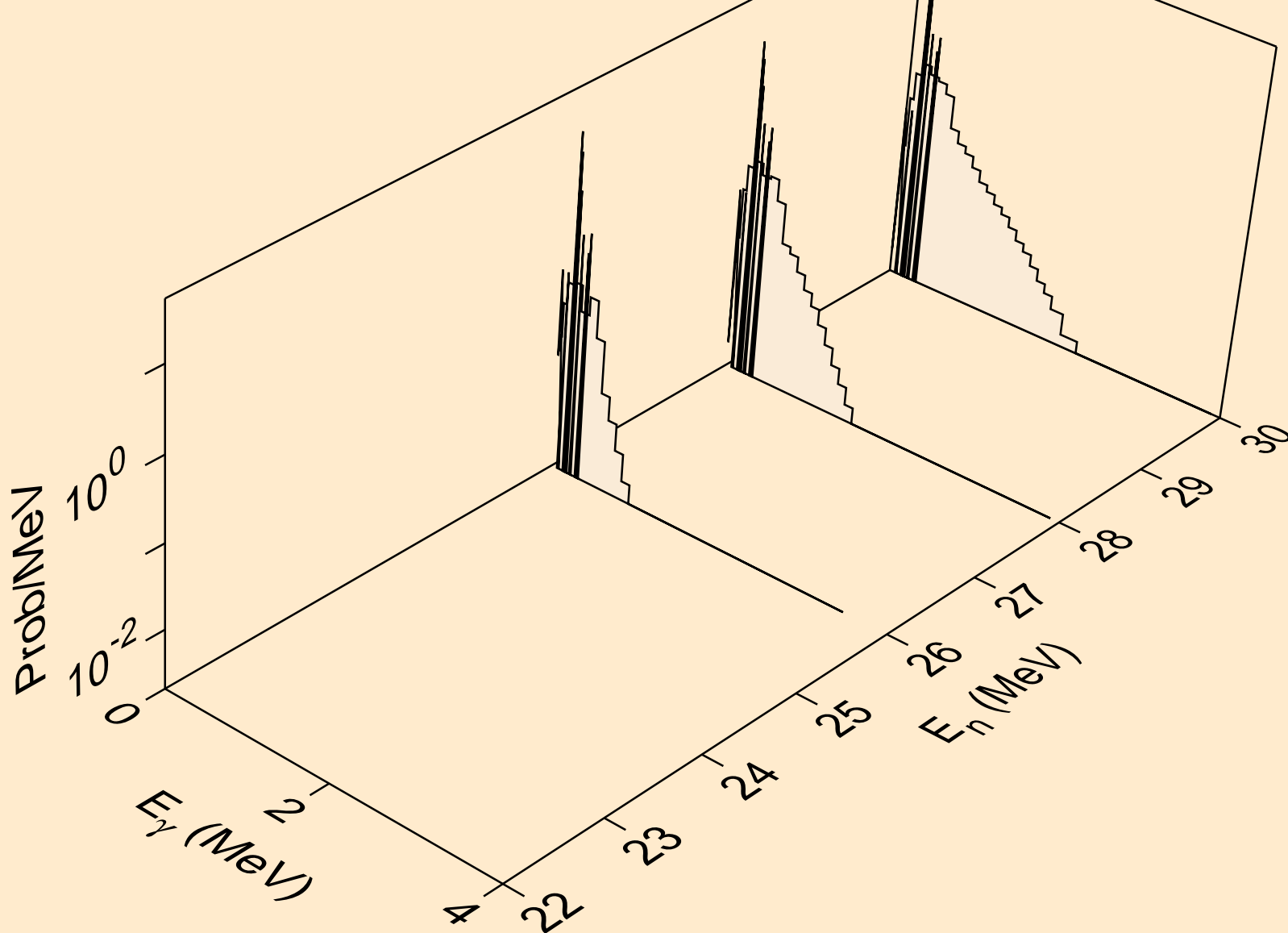


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

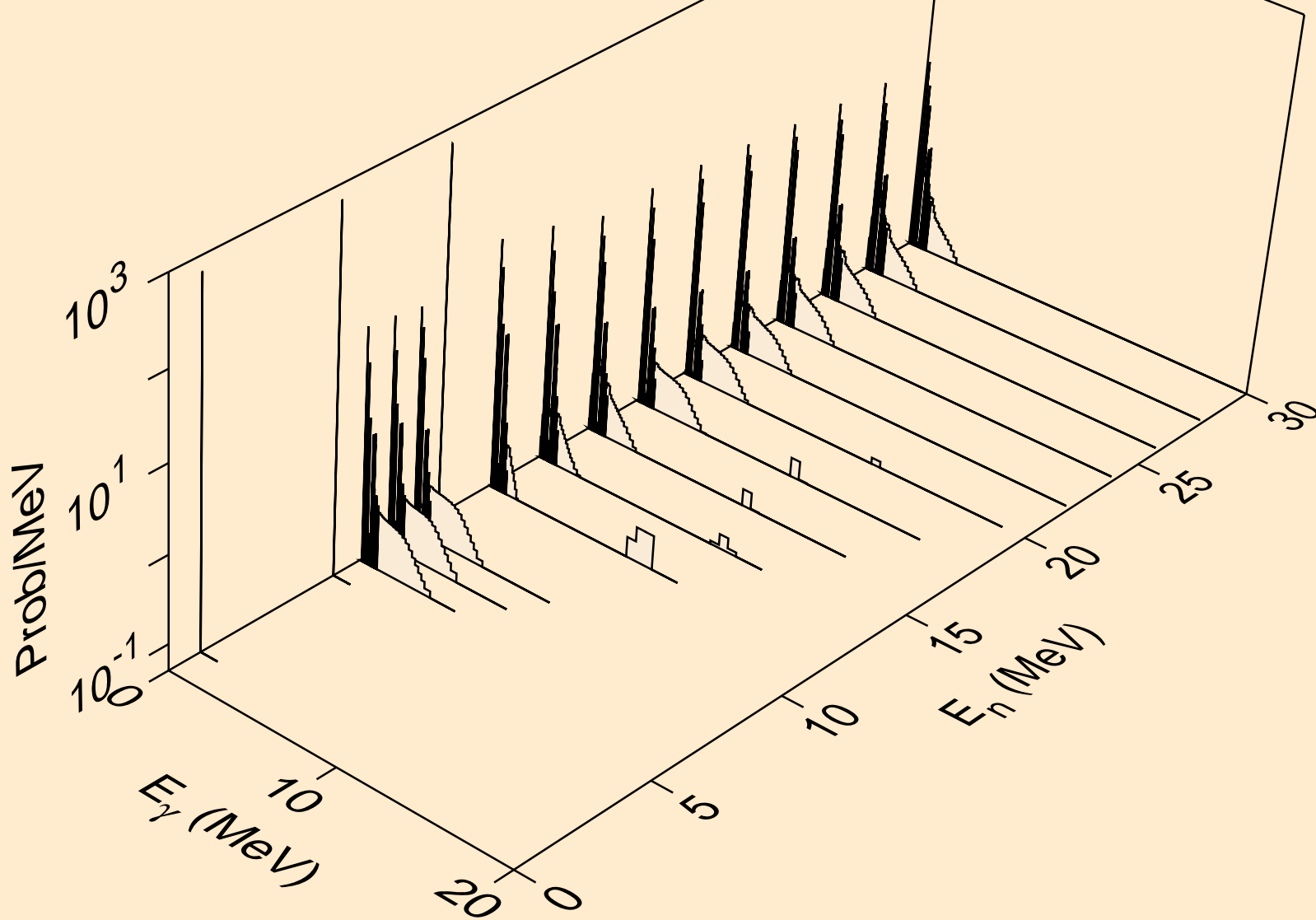




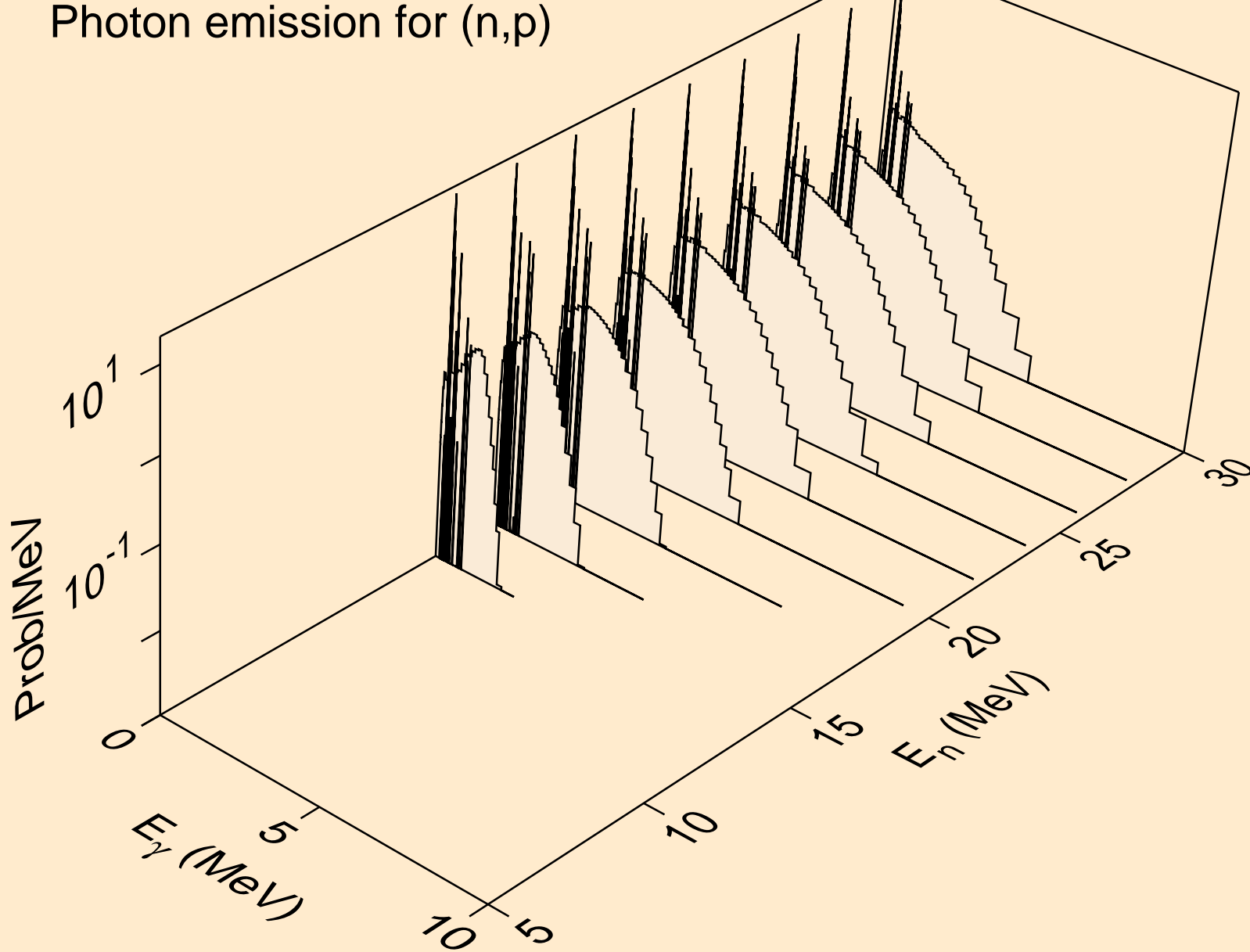
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



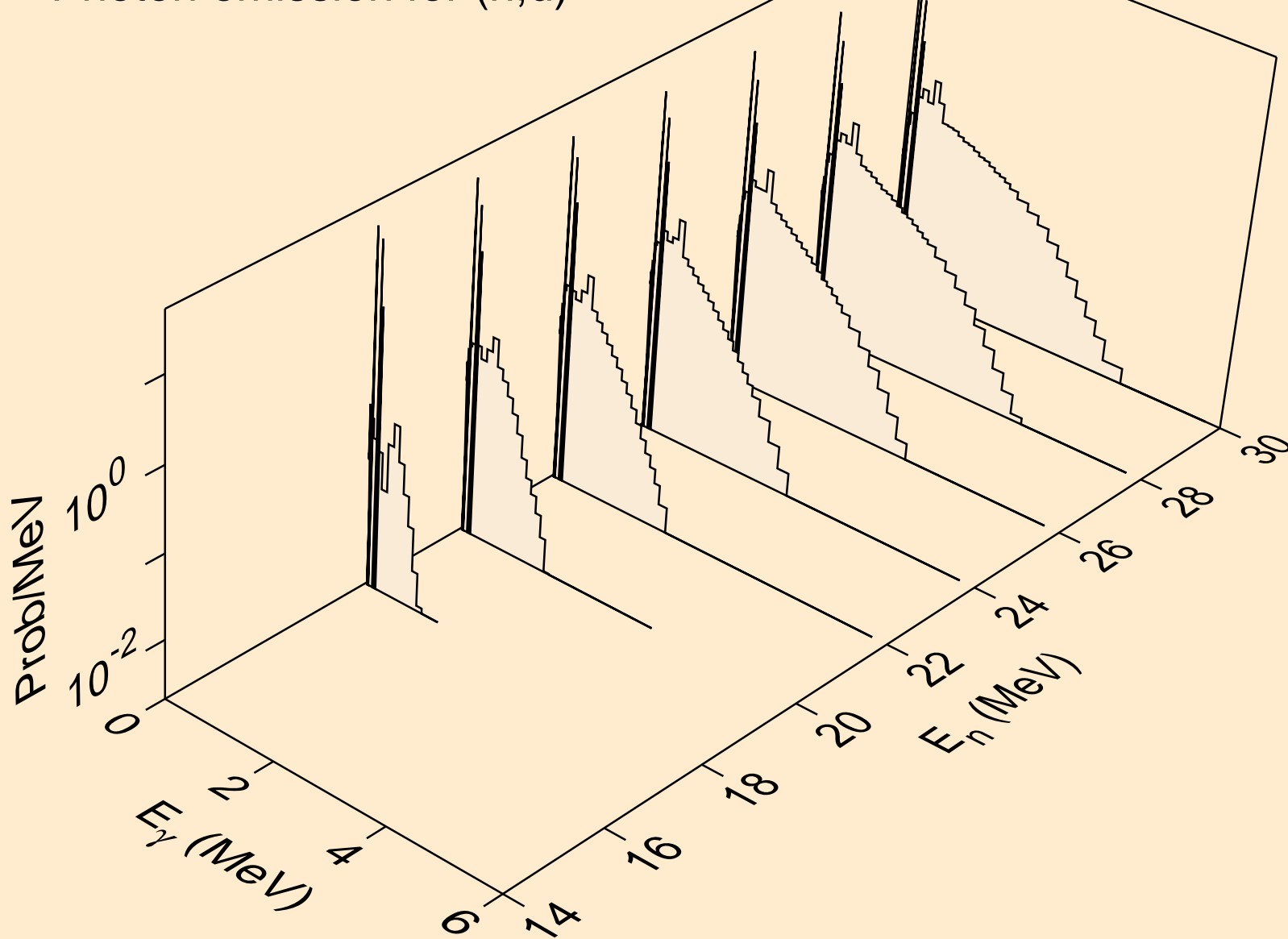
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Photon emission for (n,gma)



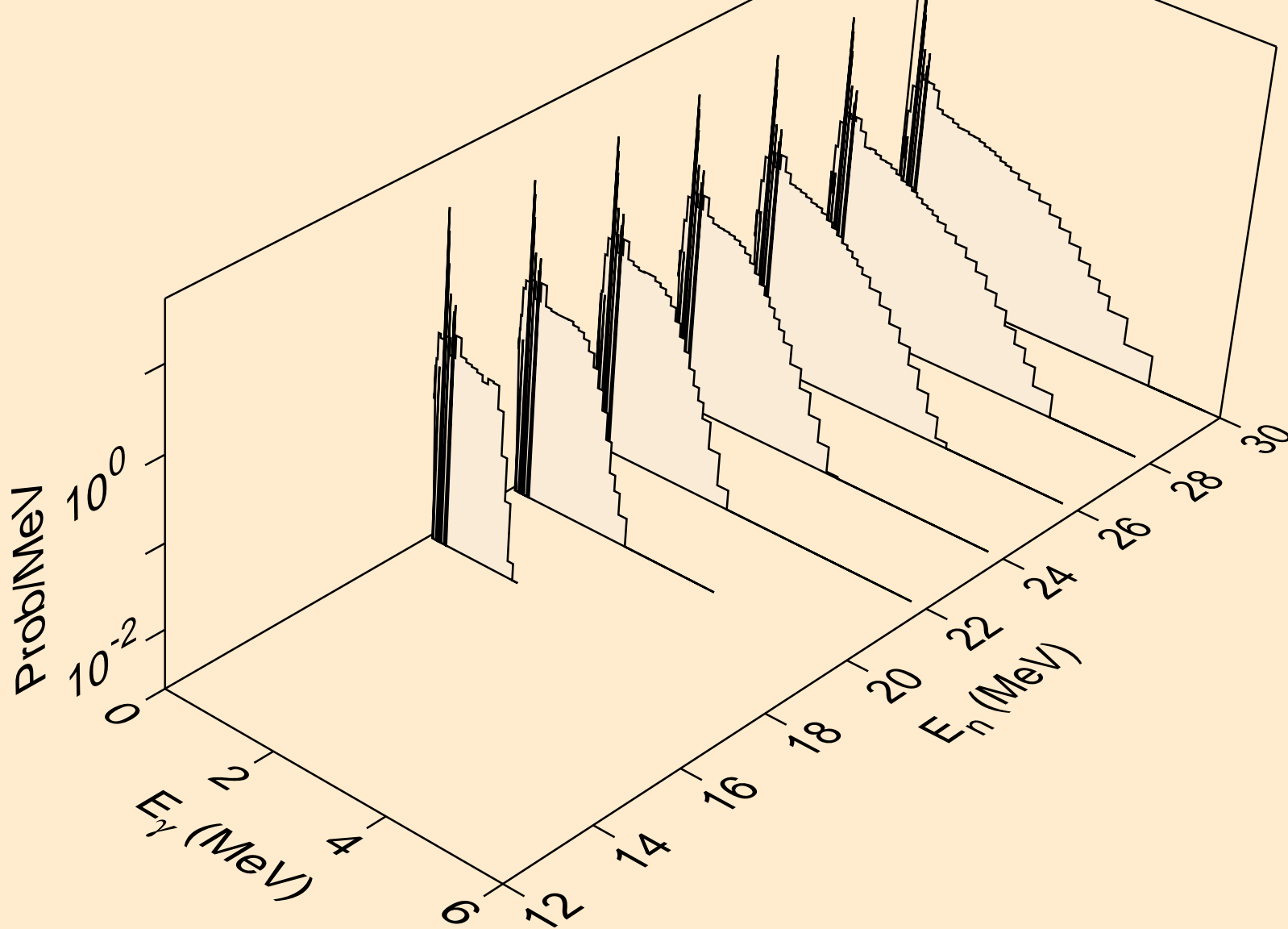
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



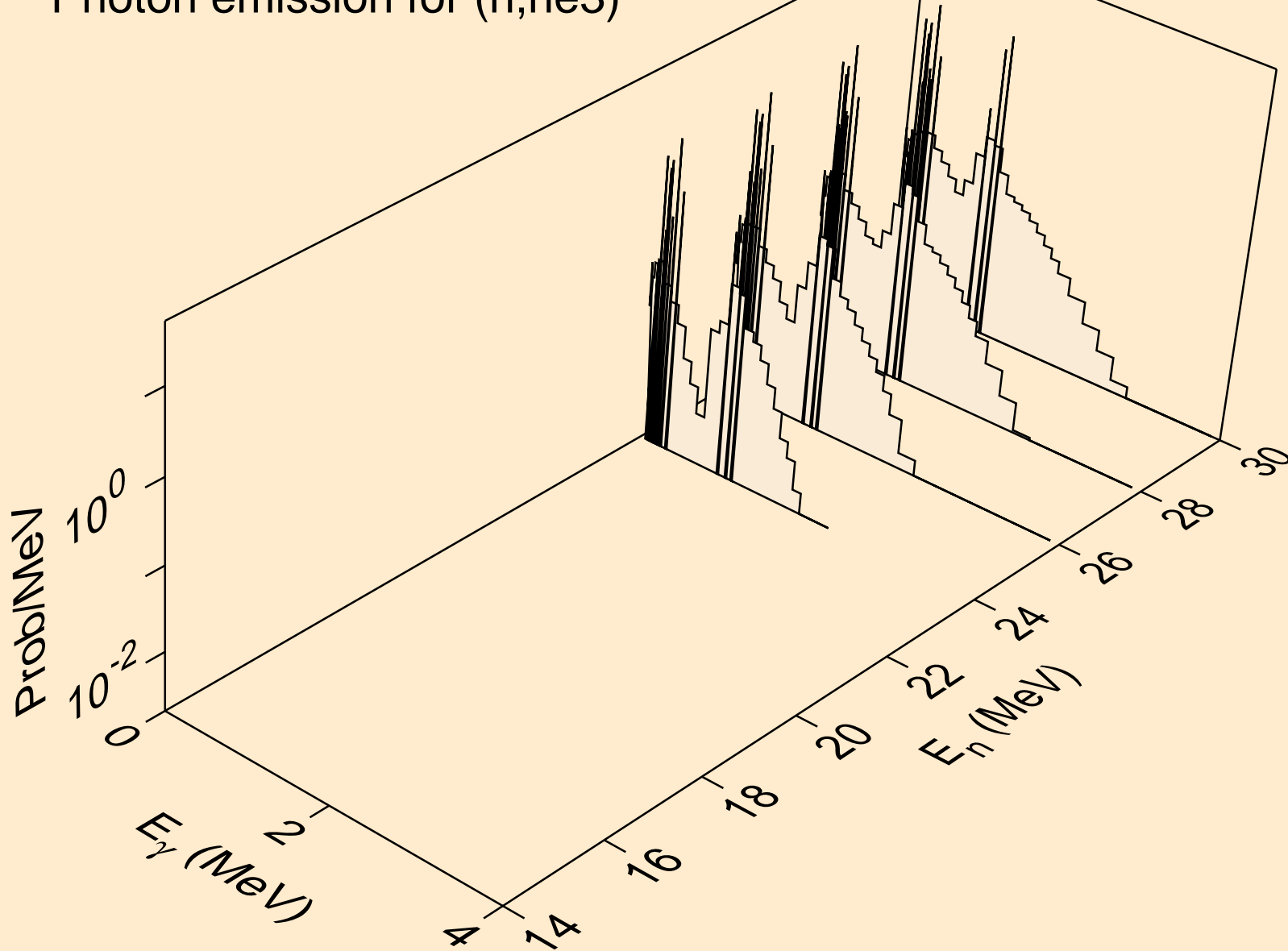
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



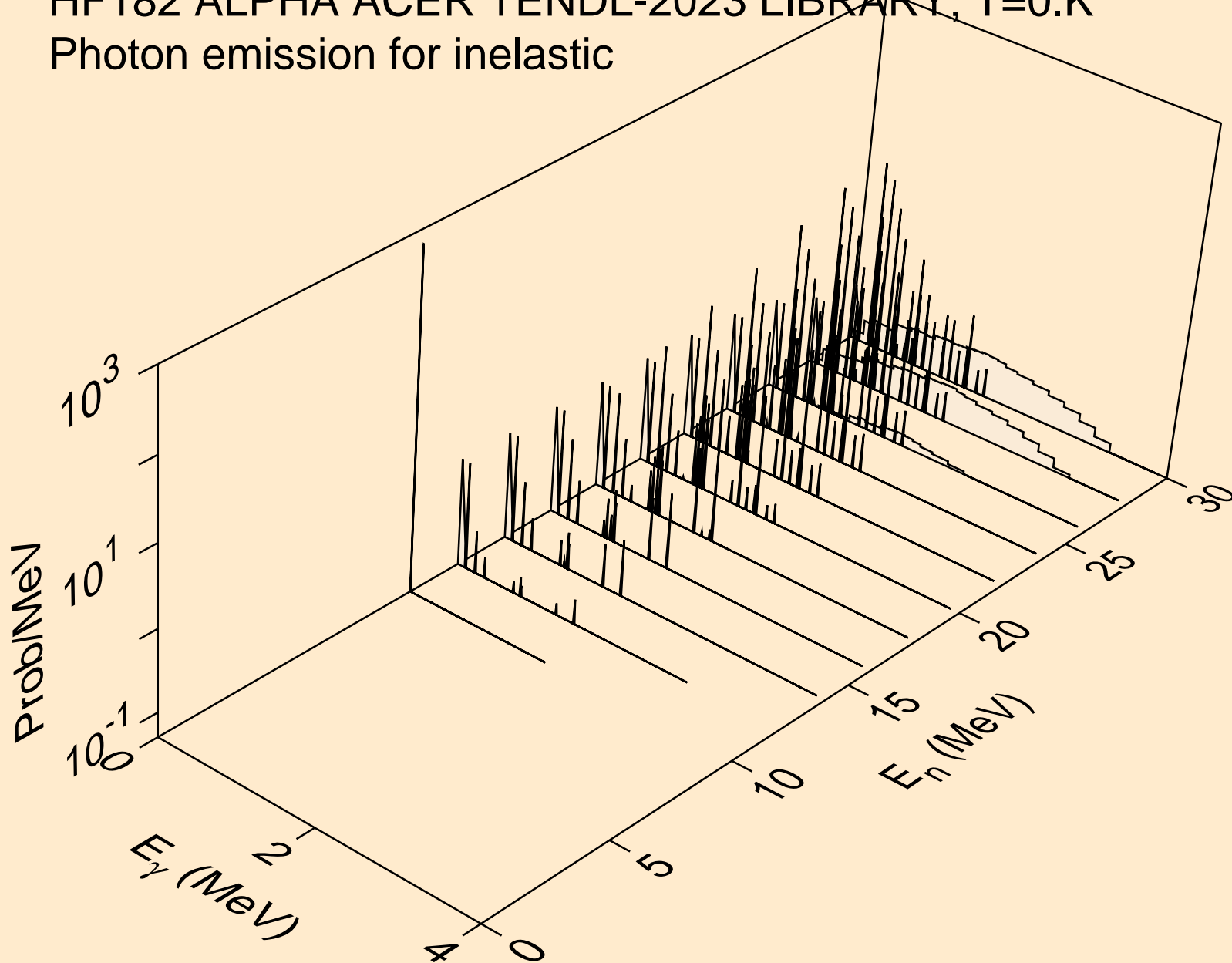
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

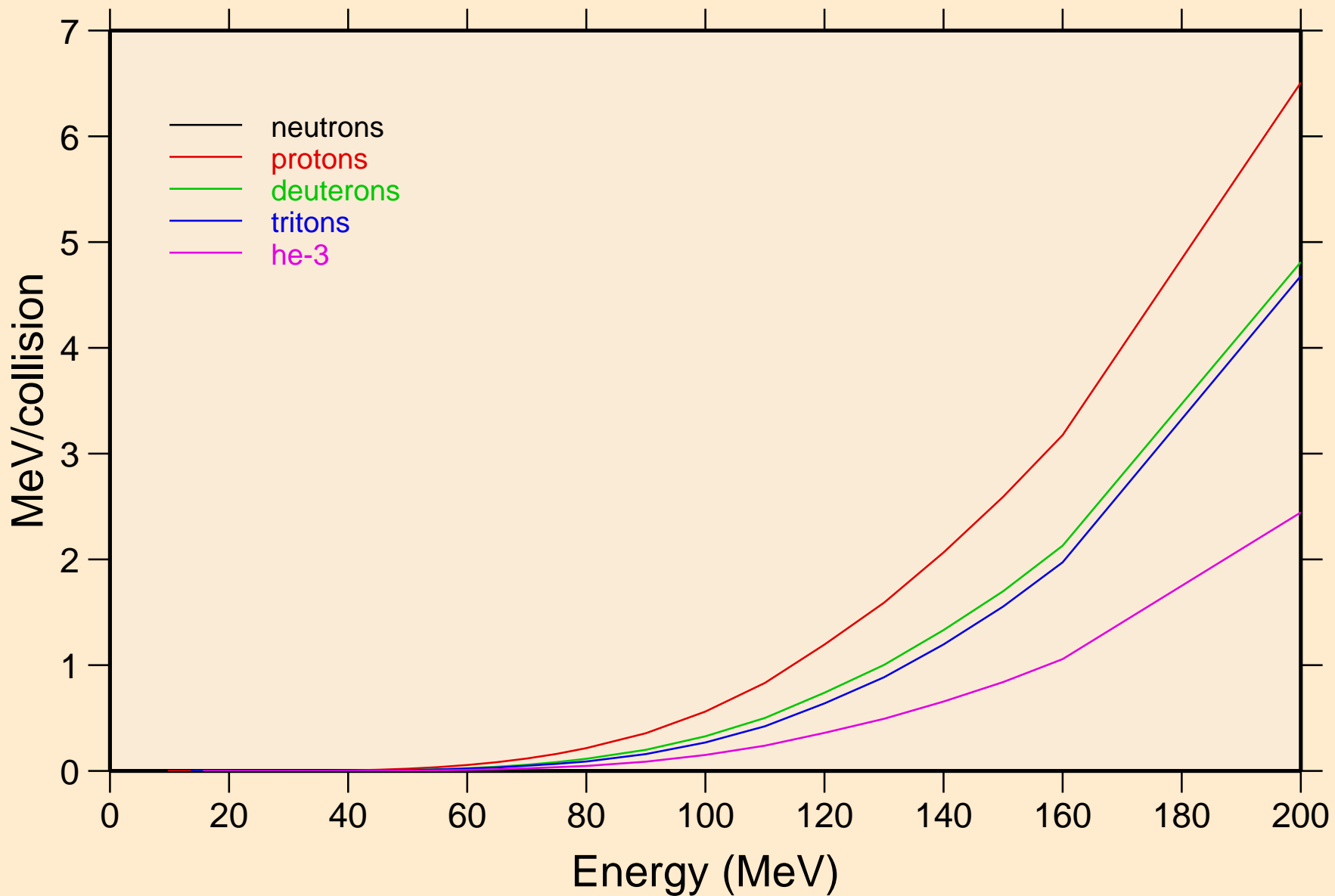


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



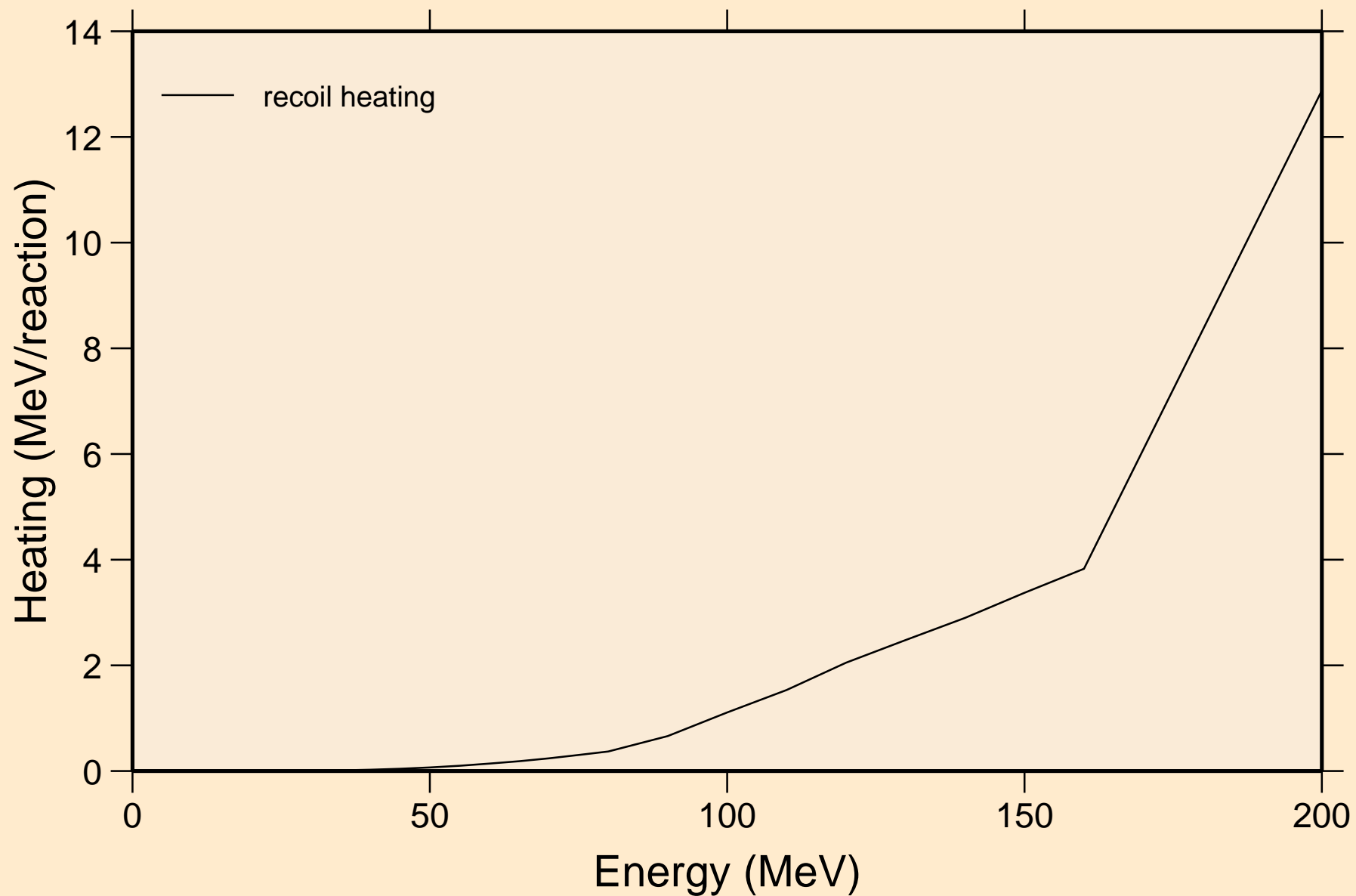
# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



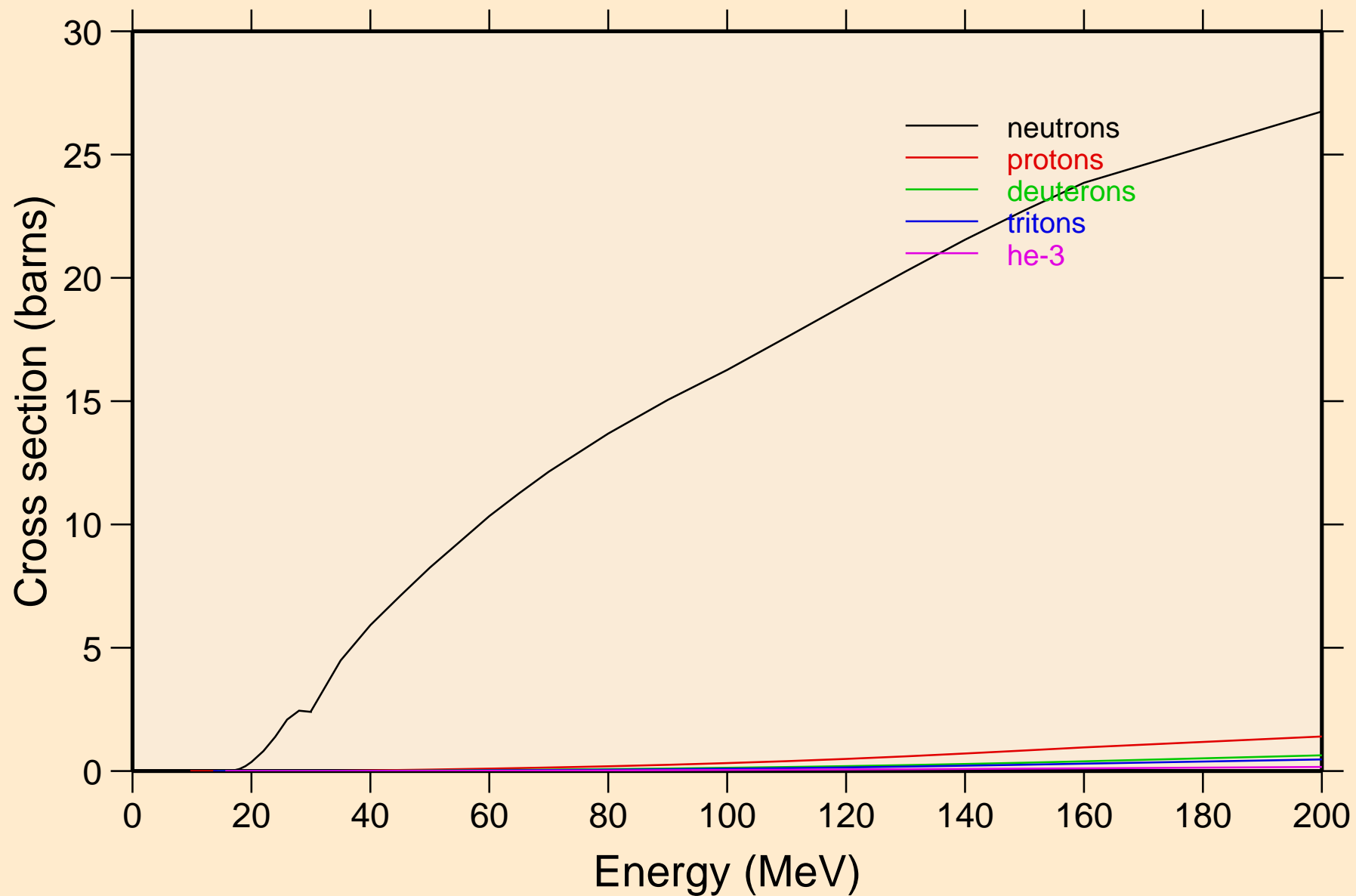


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

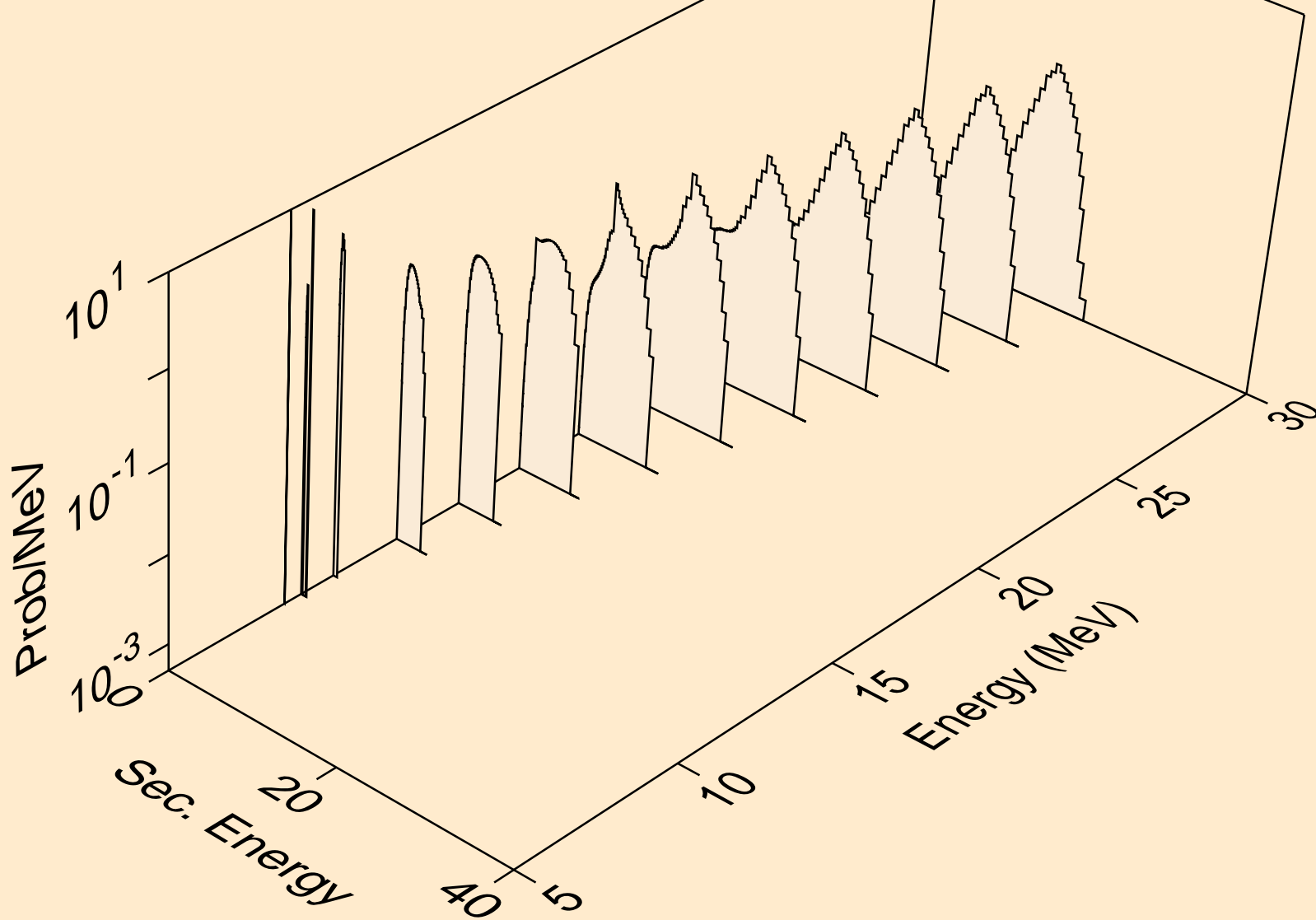


# HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

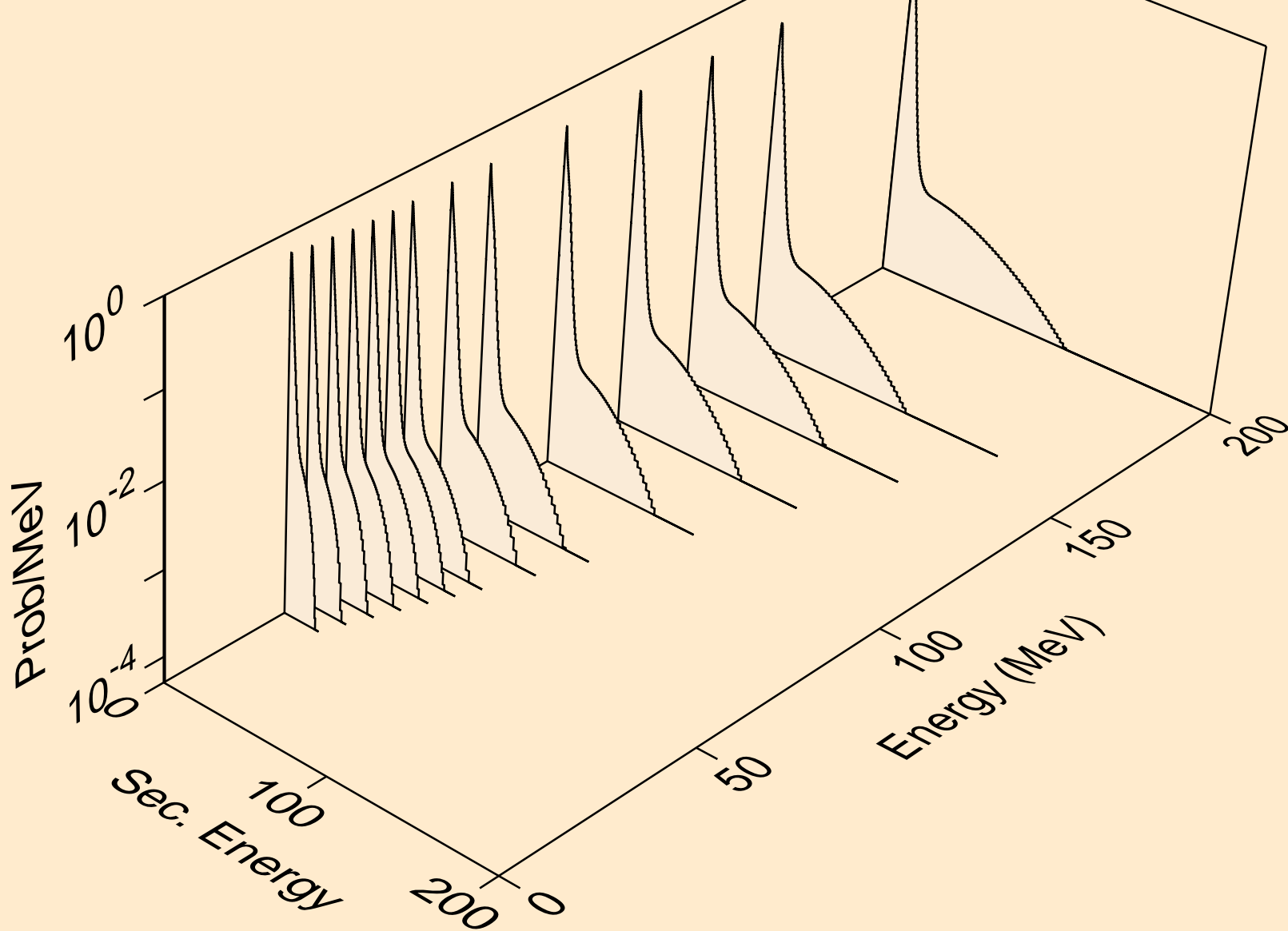
## Particle production cross sections



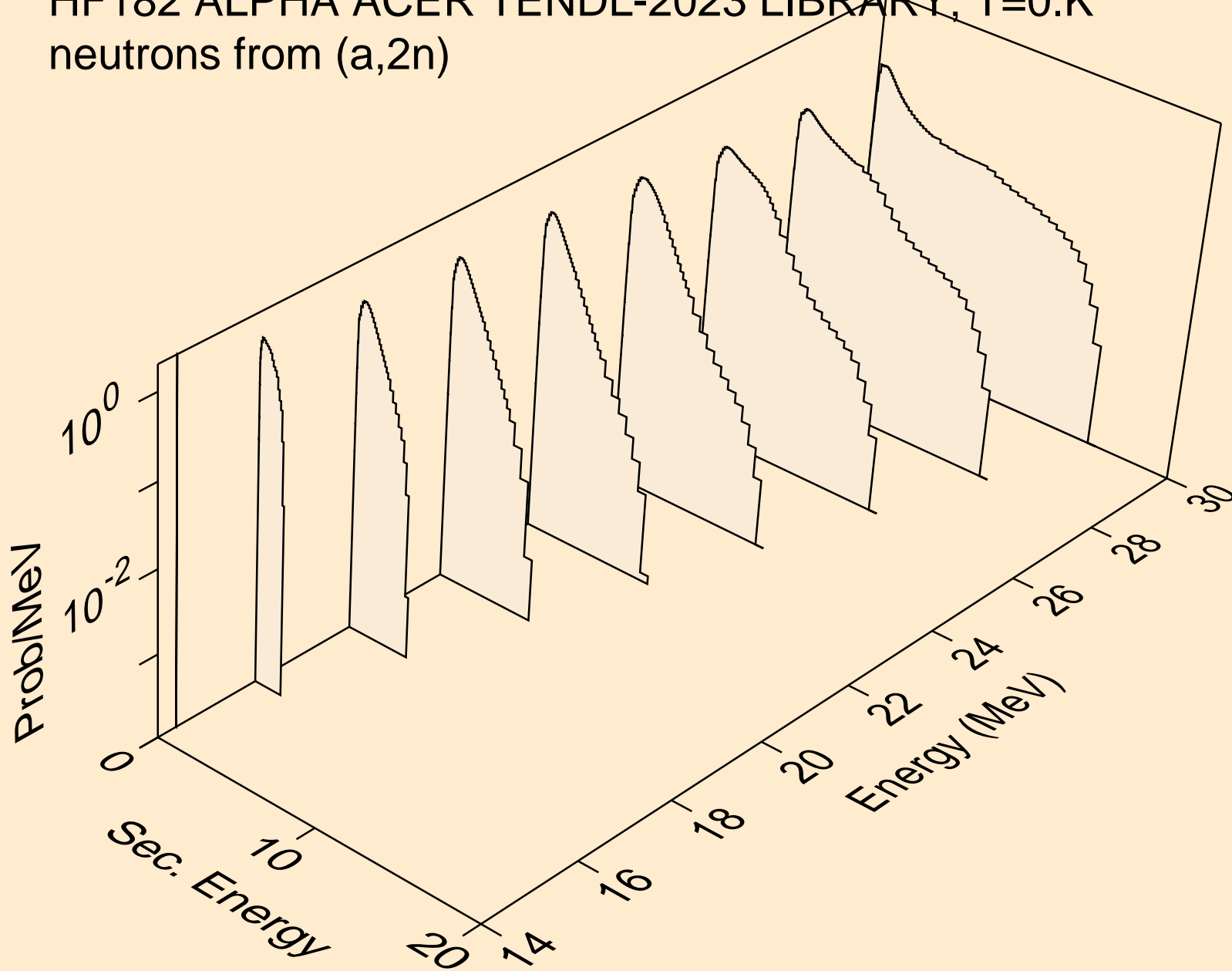
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



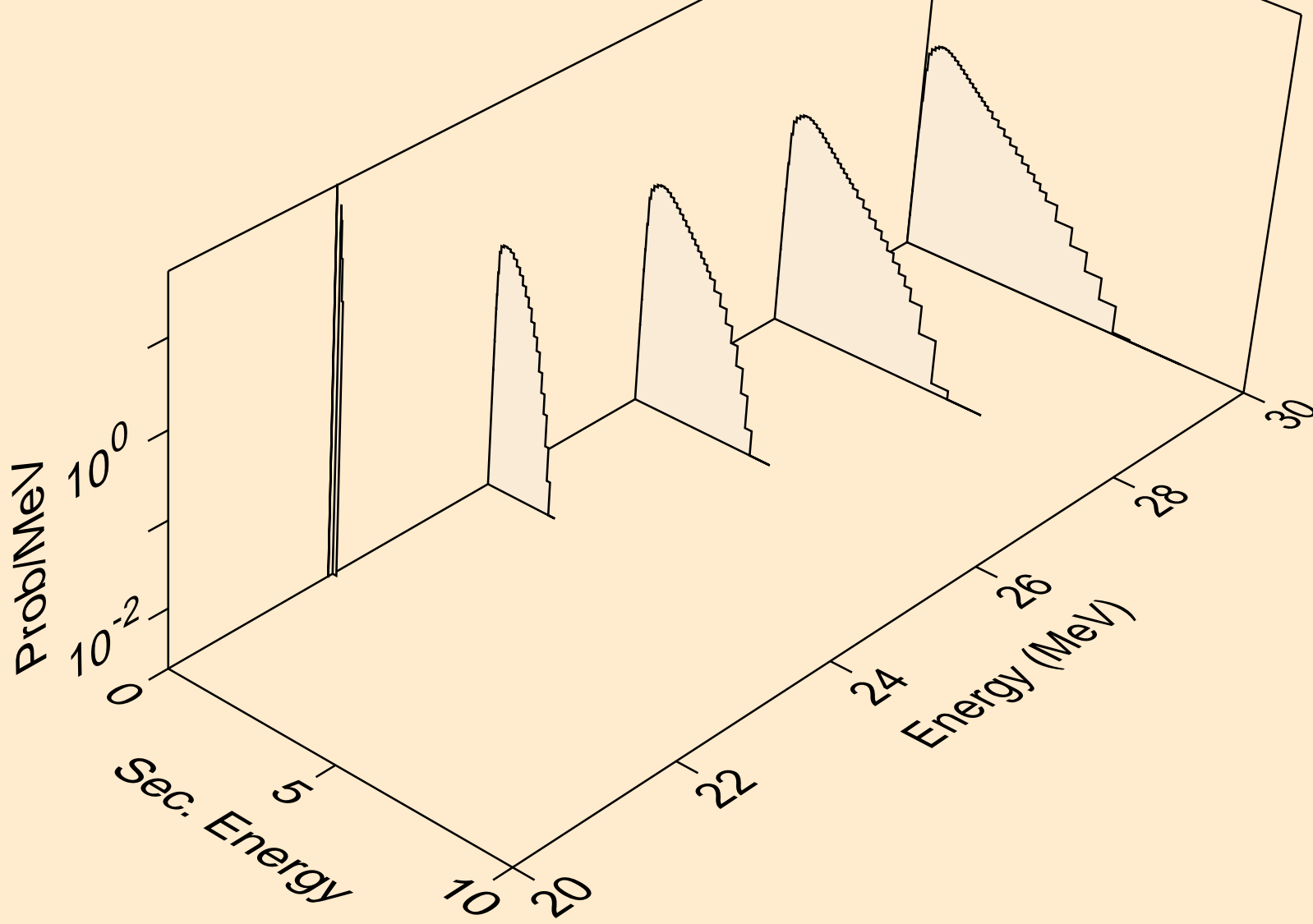
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



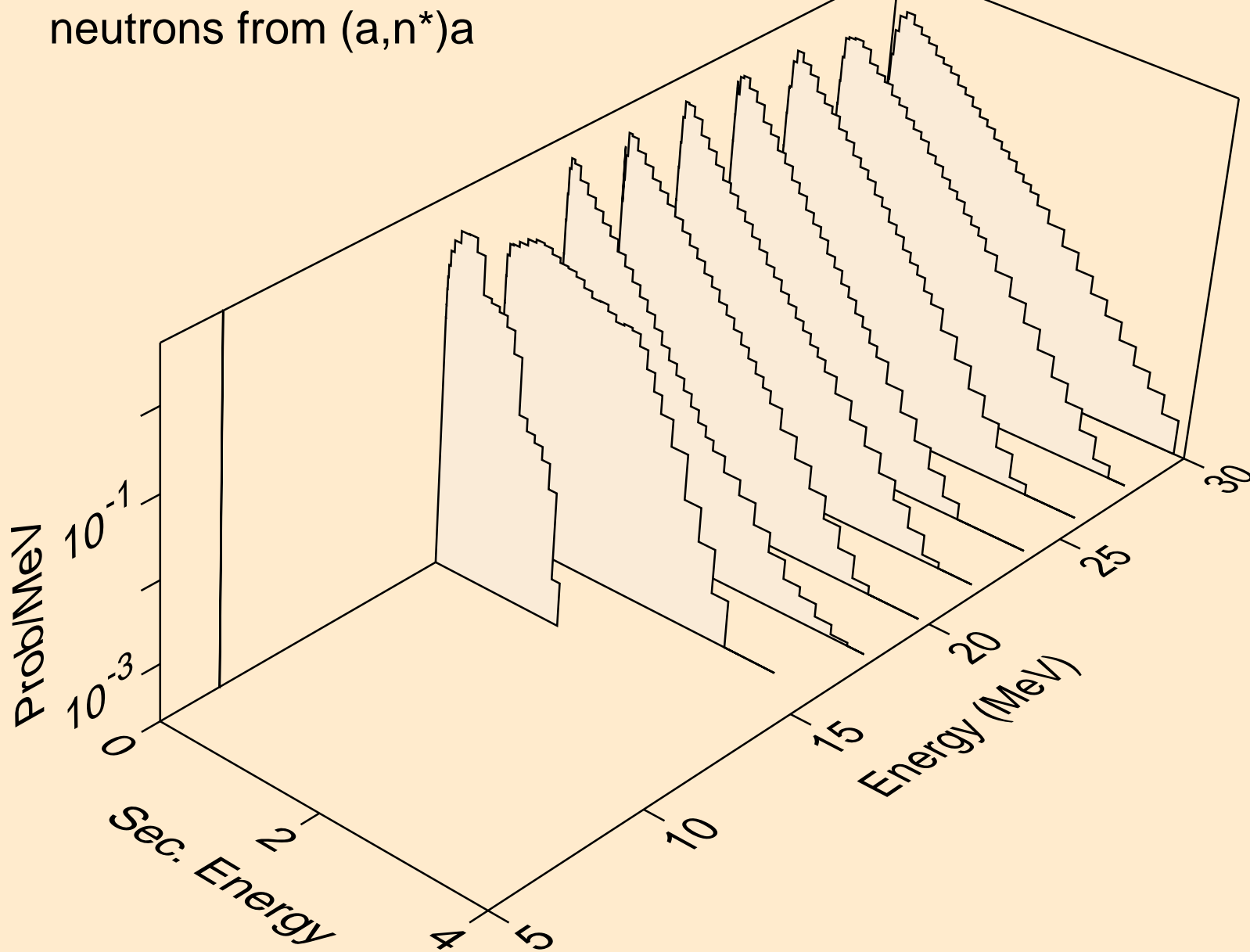
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



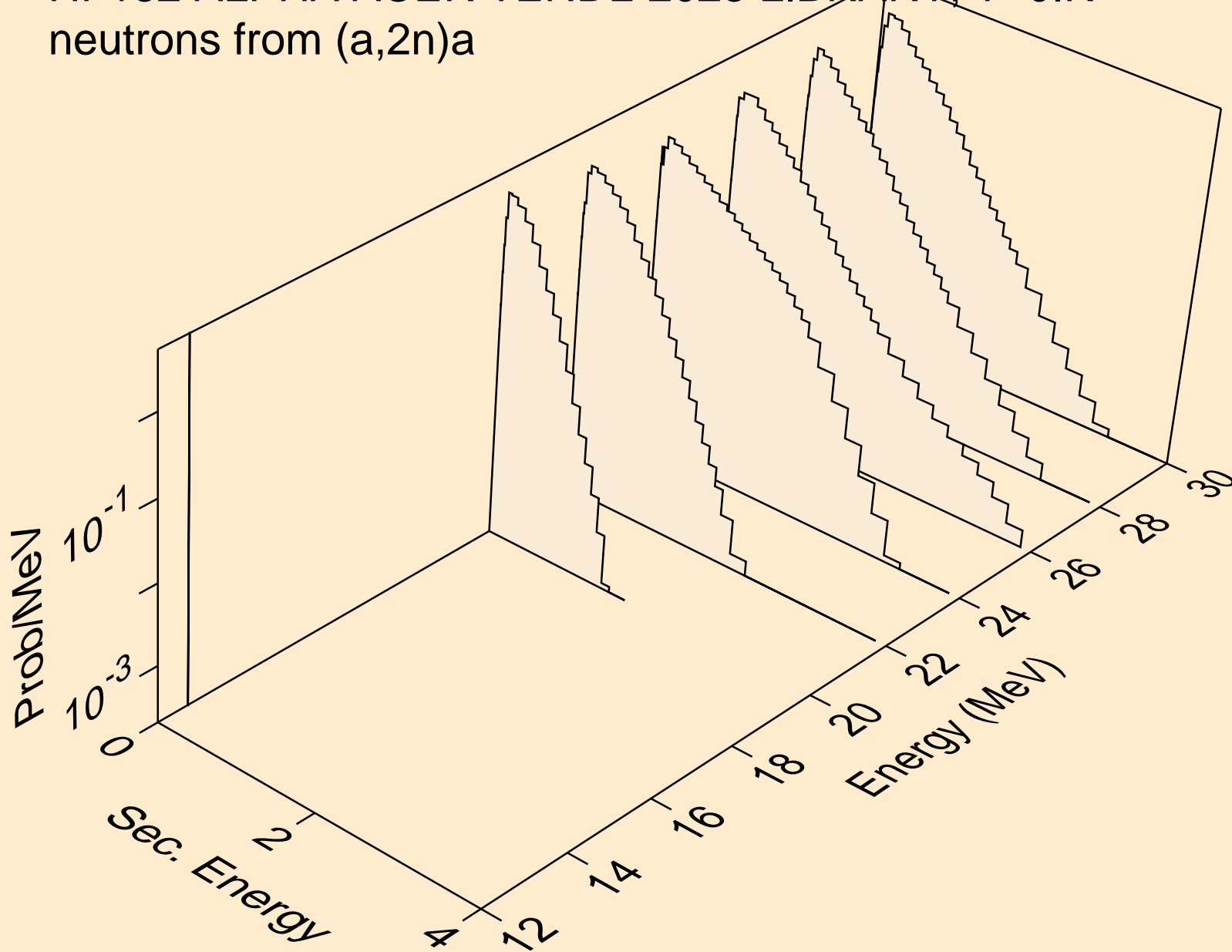
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

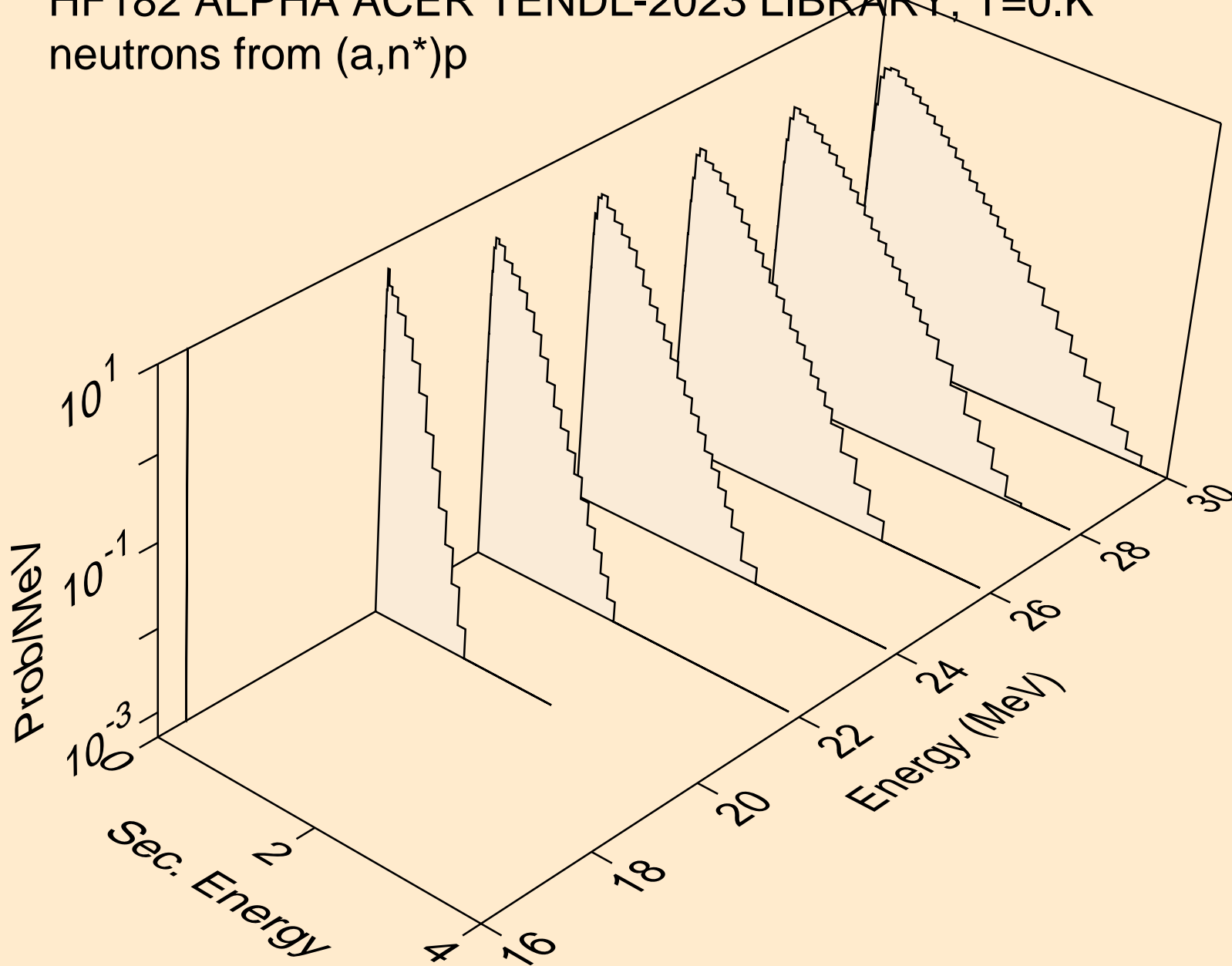


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

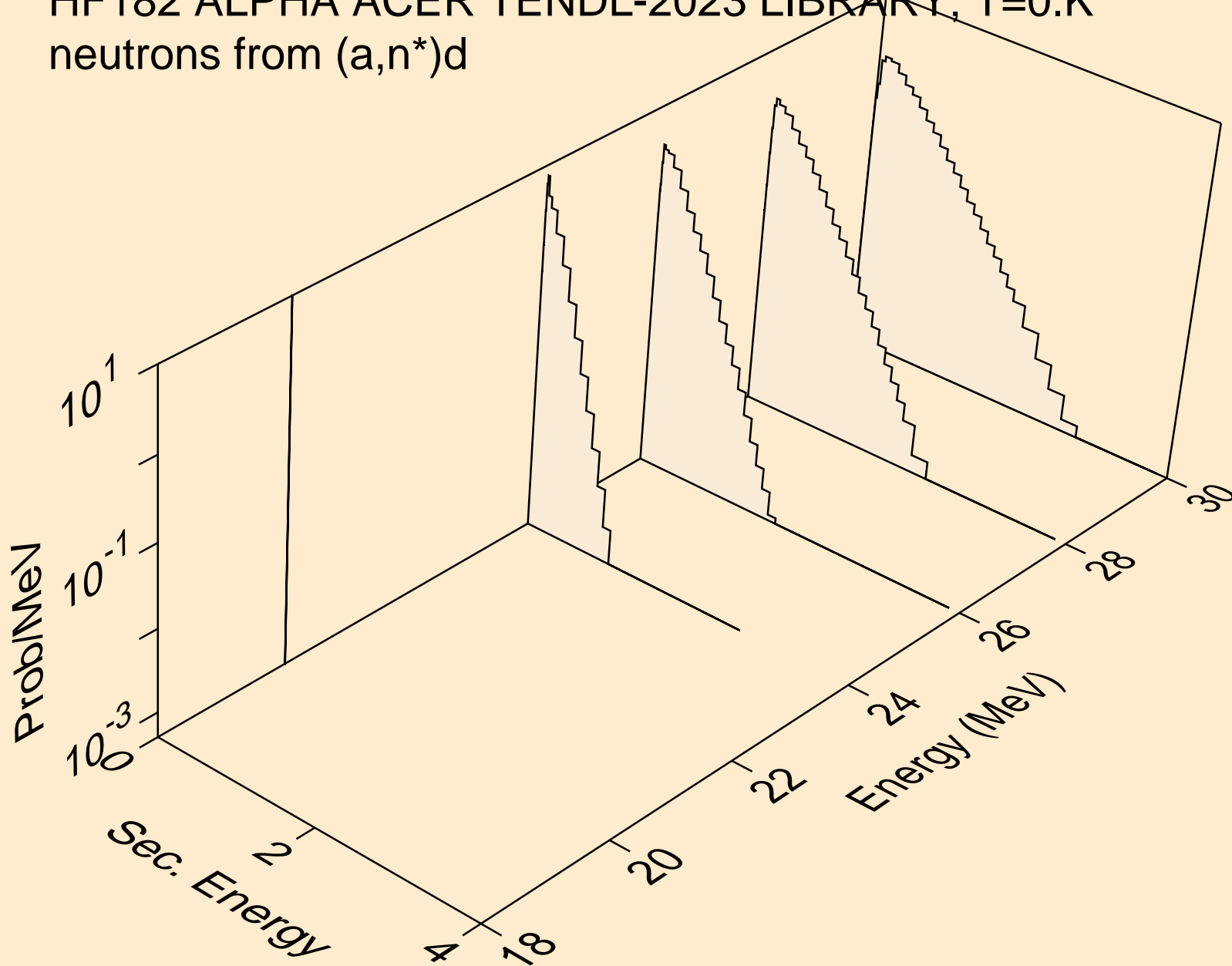




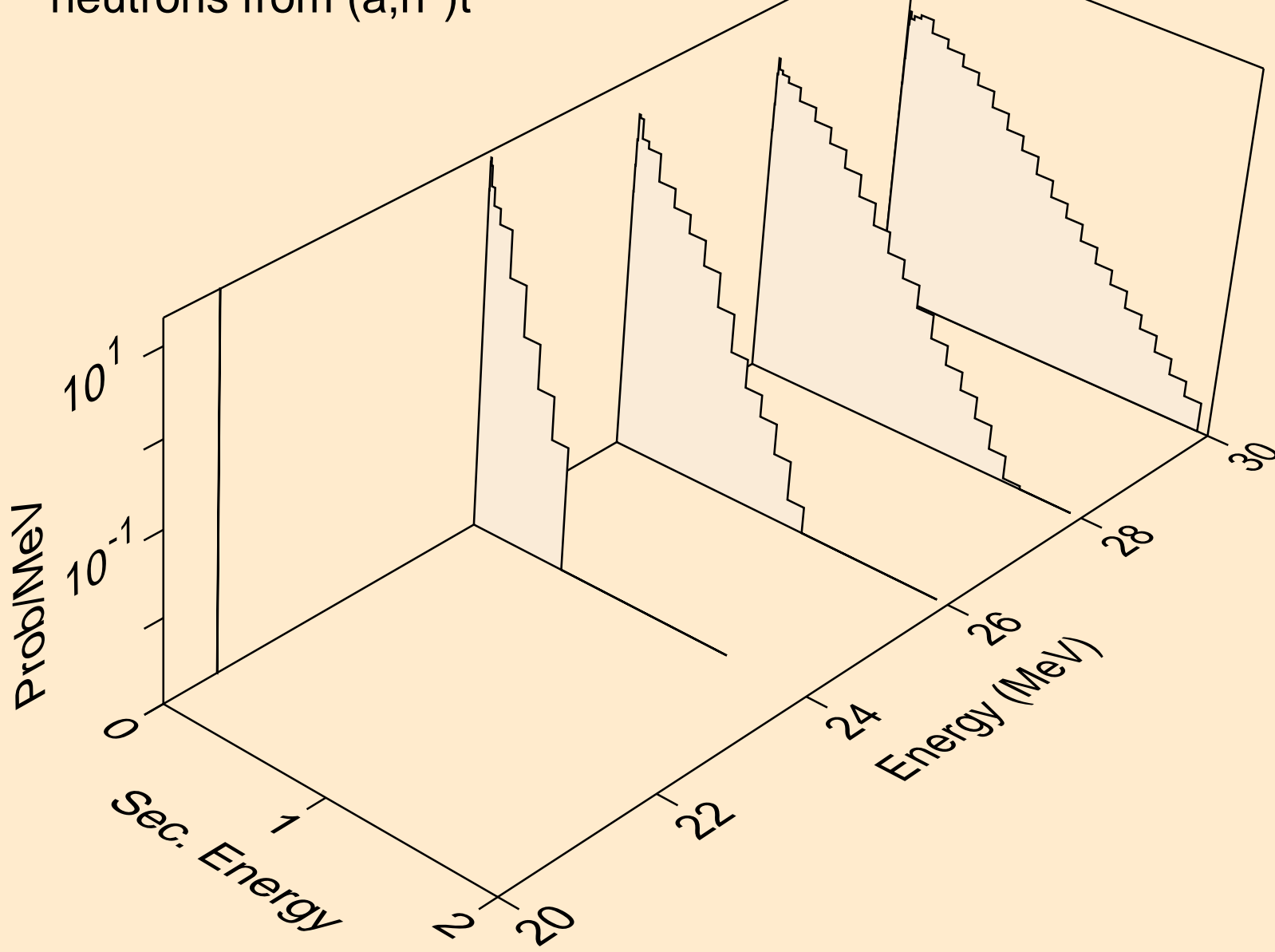
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neutrons from (a,n\*)p



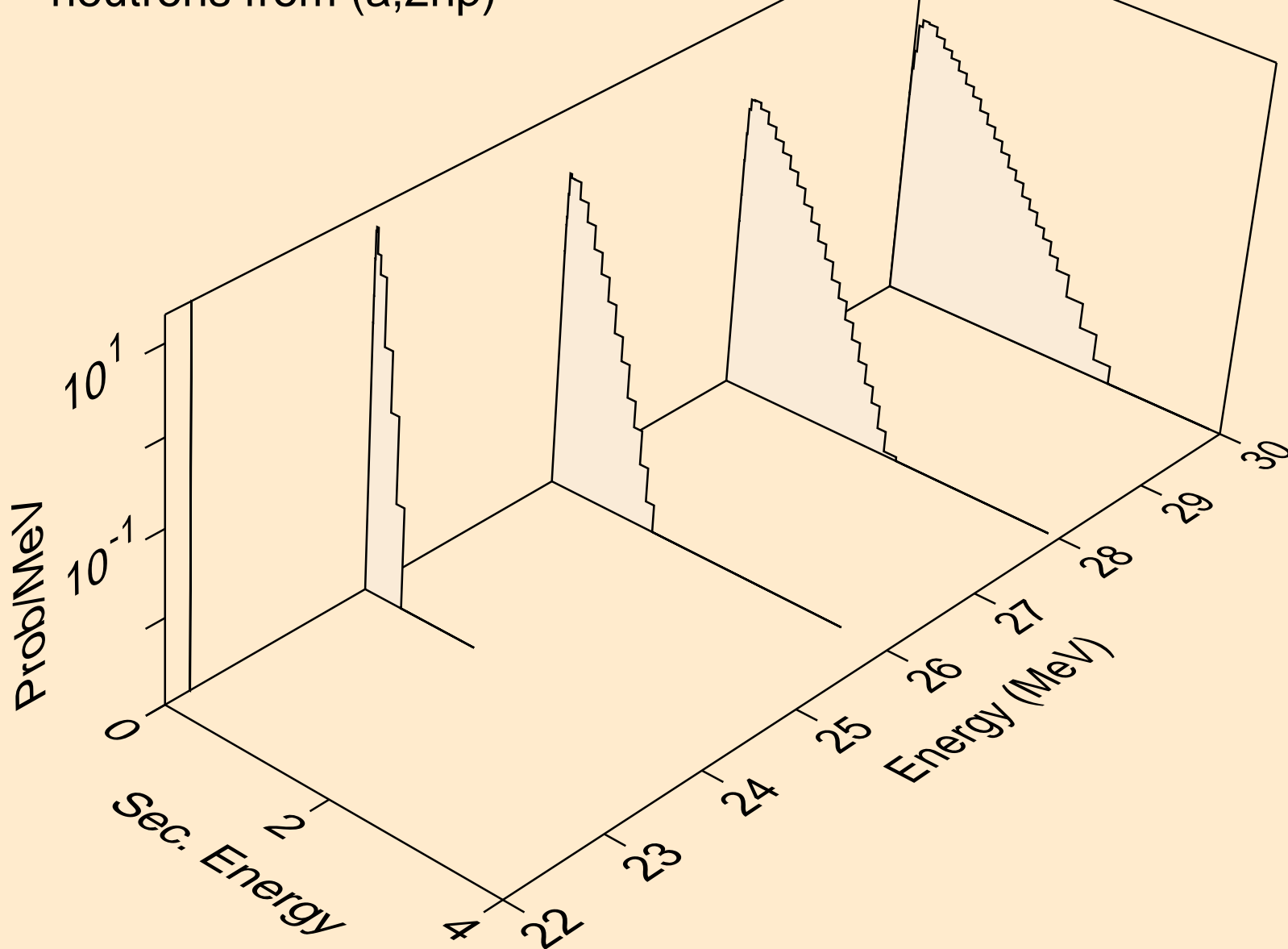
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



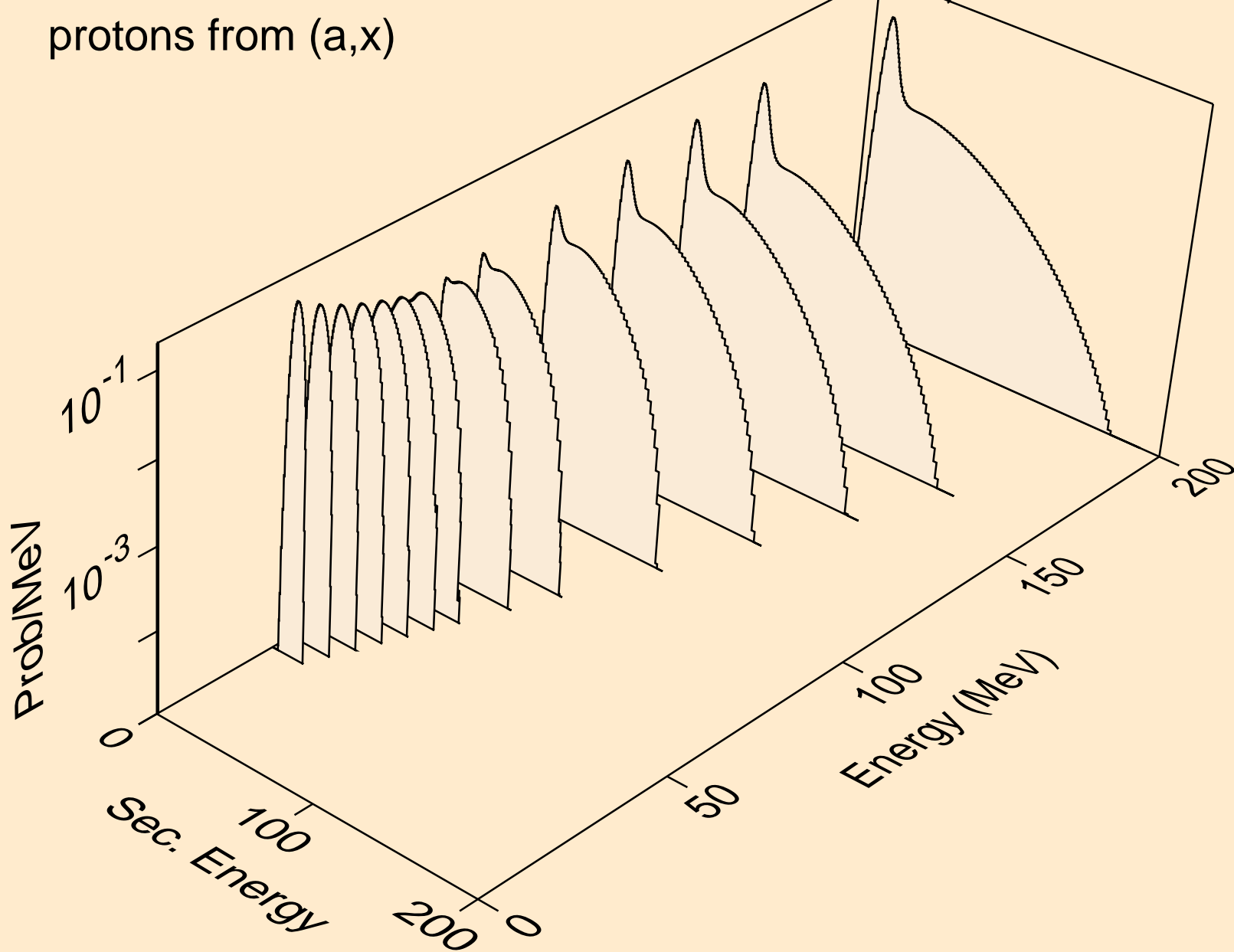
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



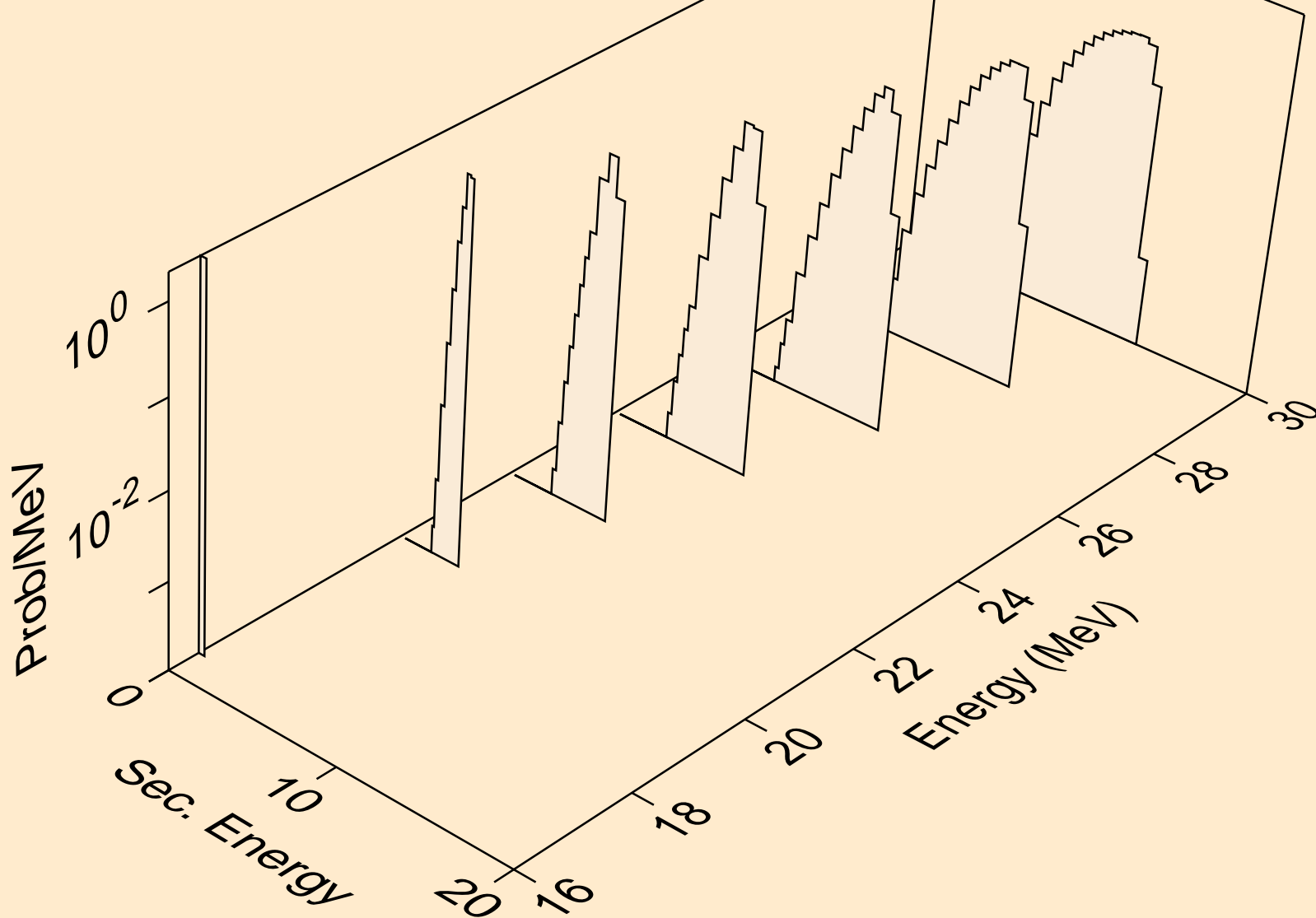
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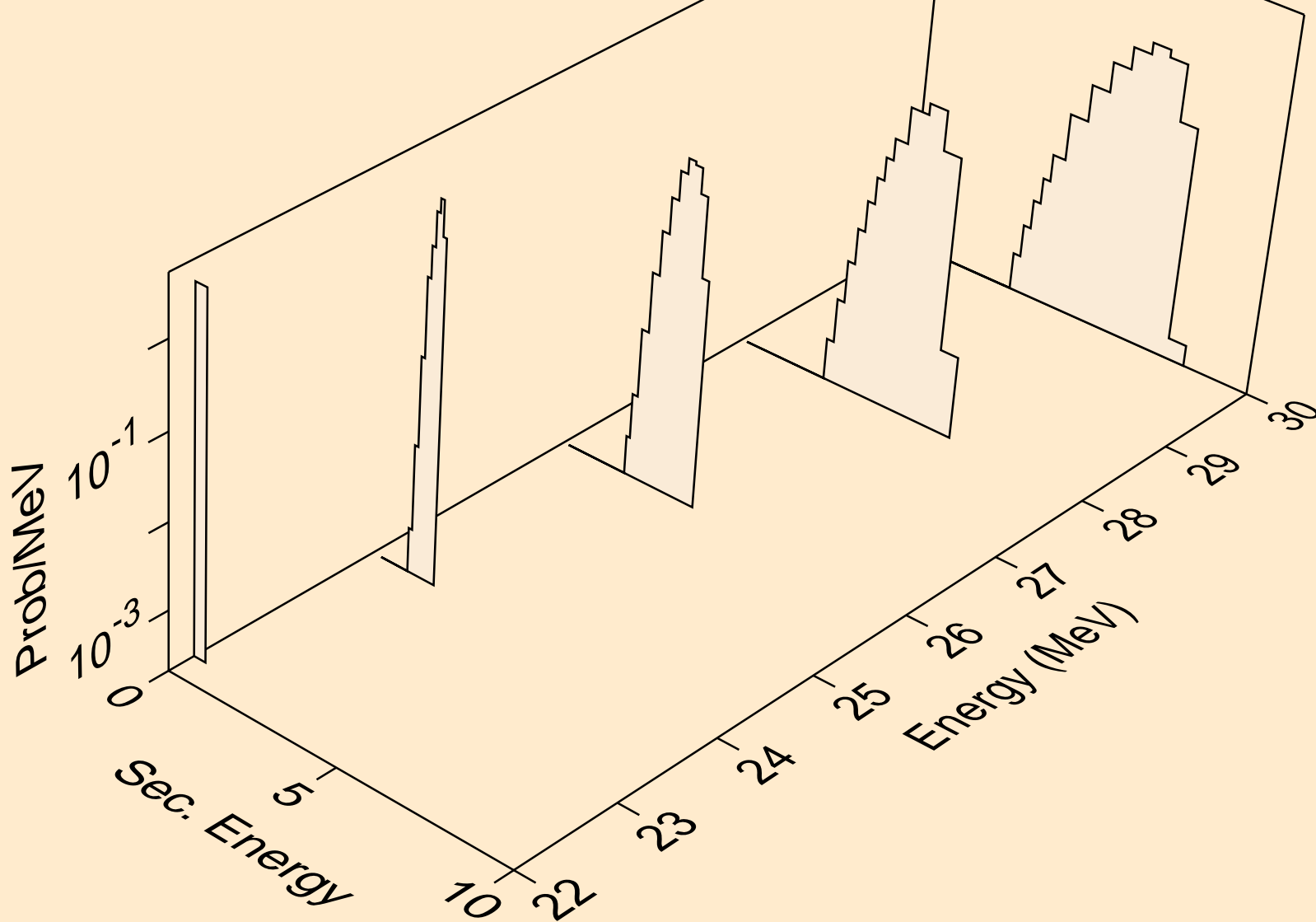
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protons from (a,x)



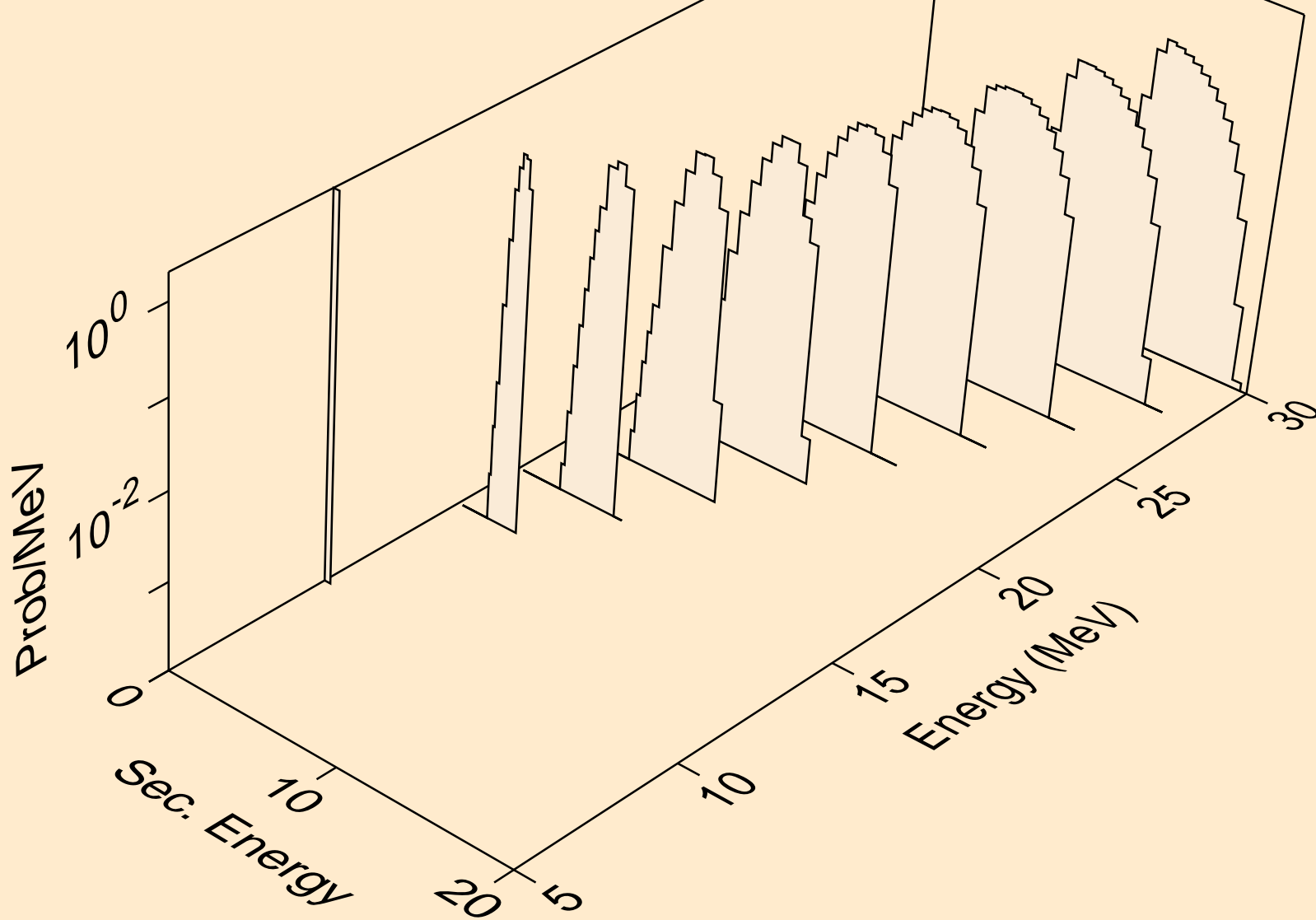
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

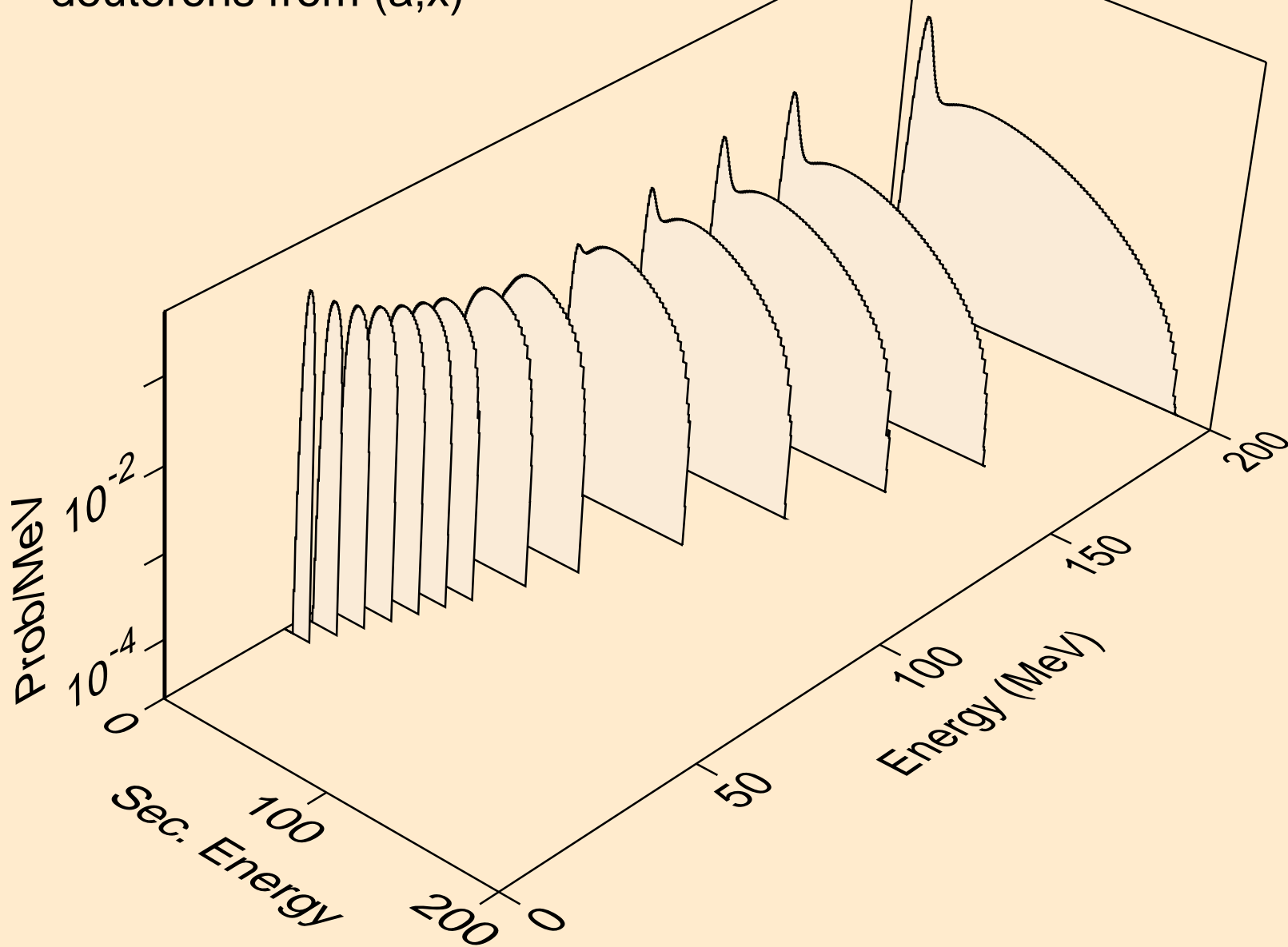


HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

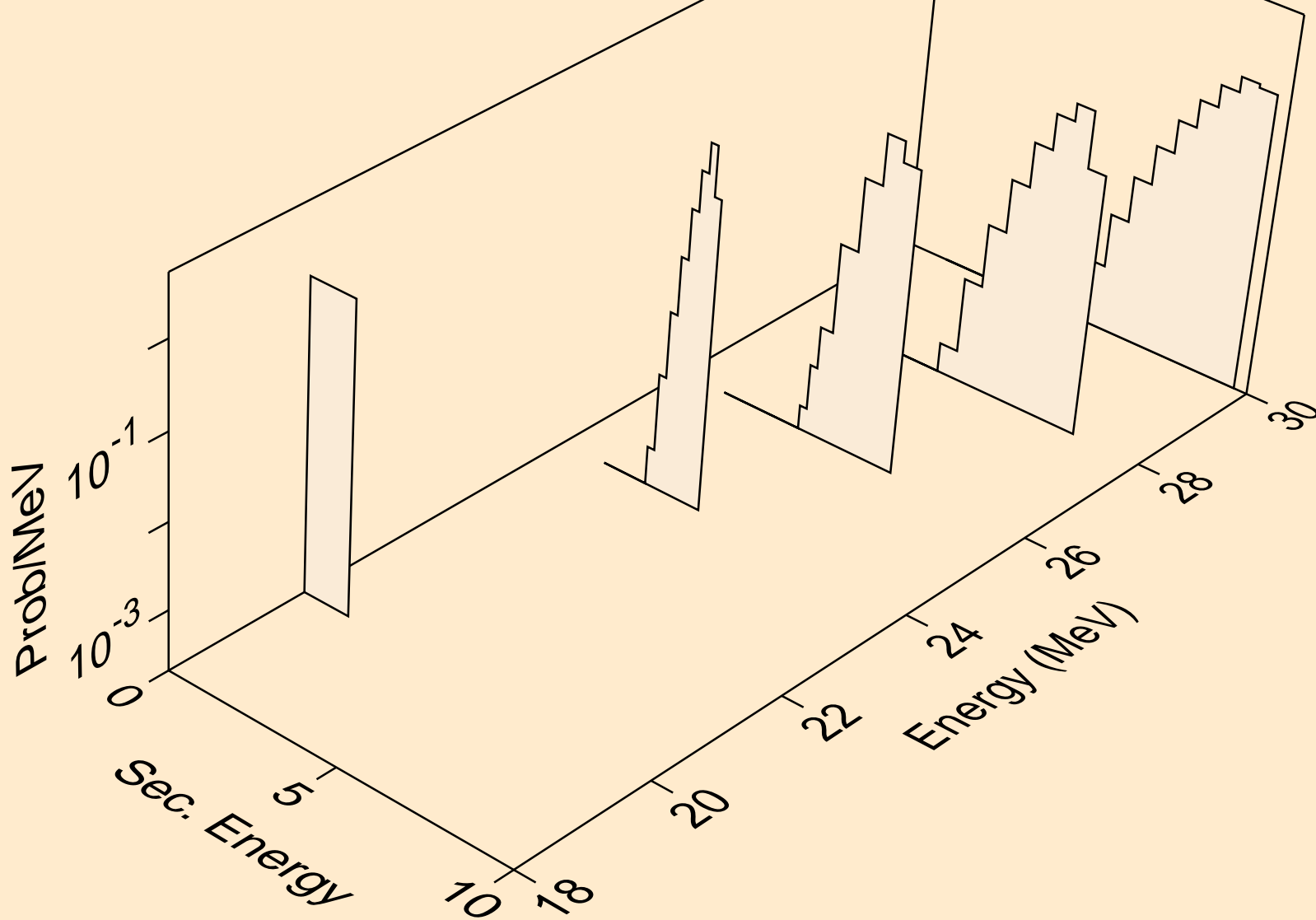




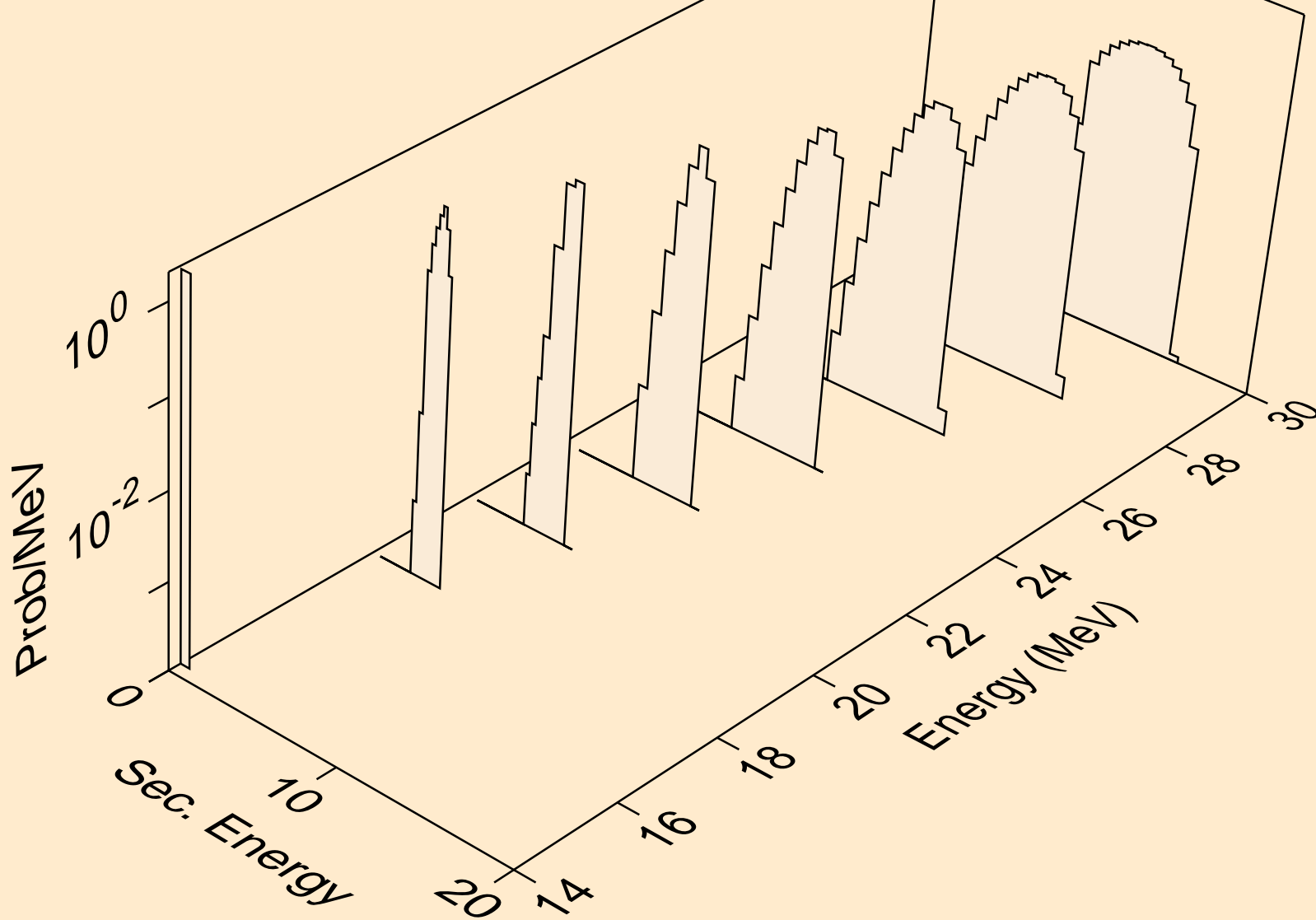
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



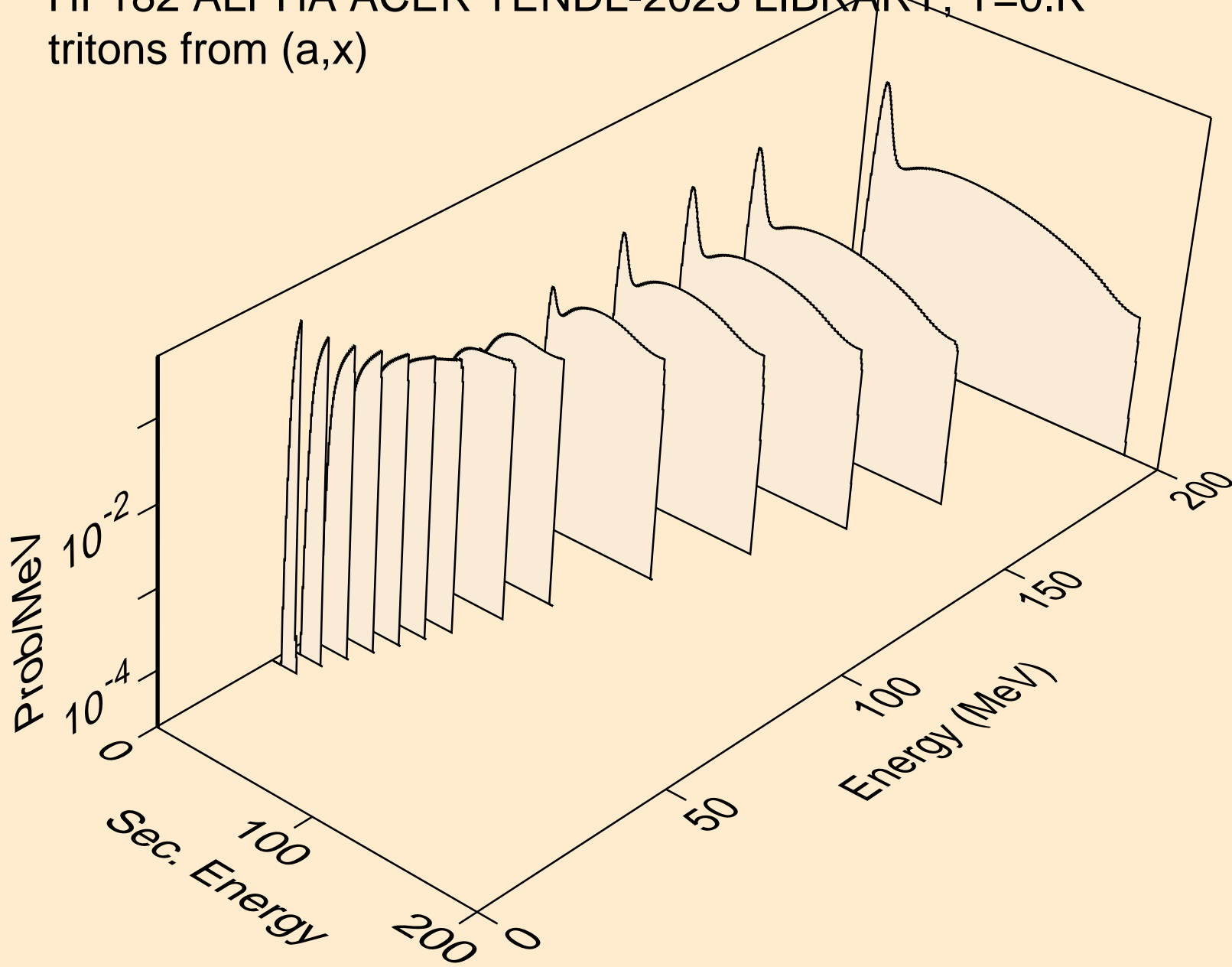
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



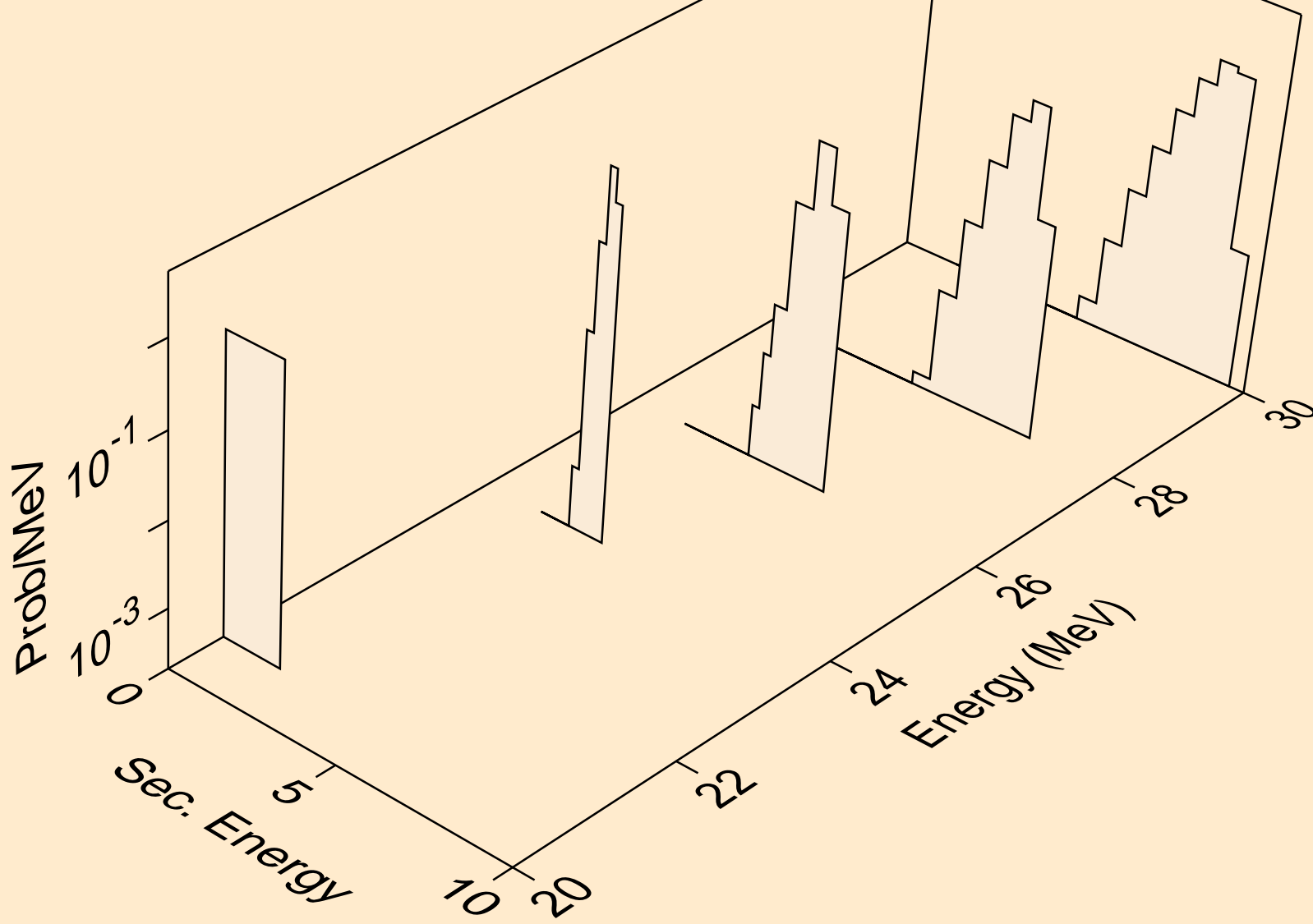
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



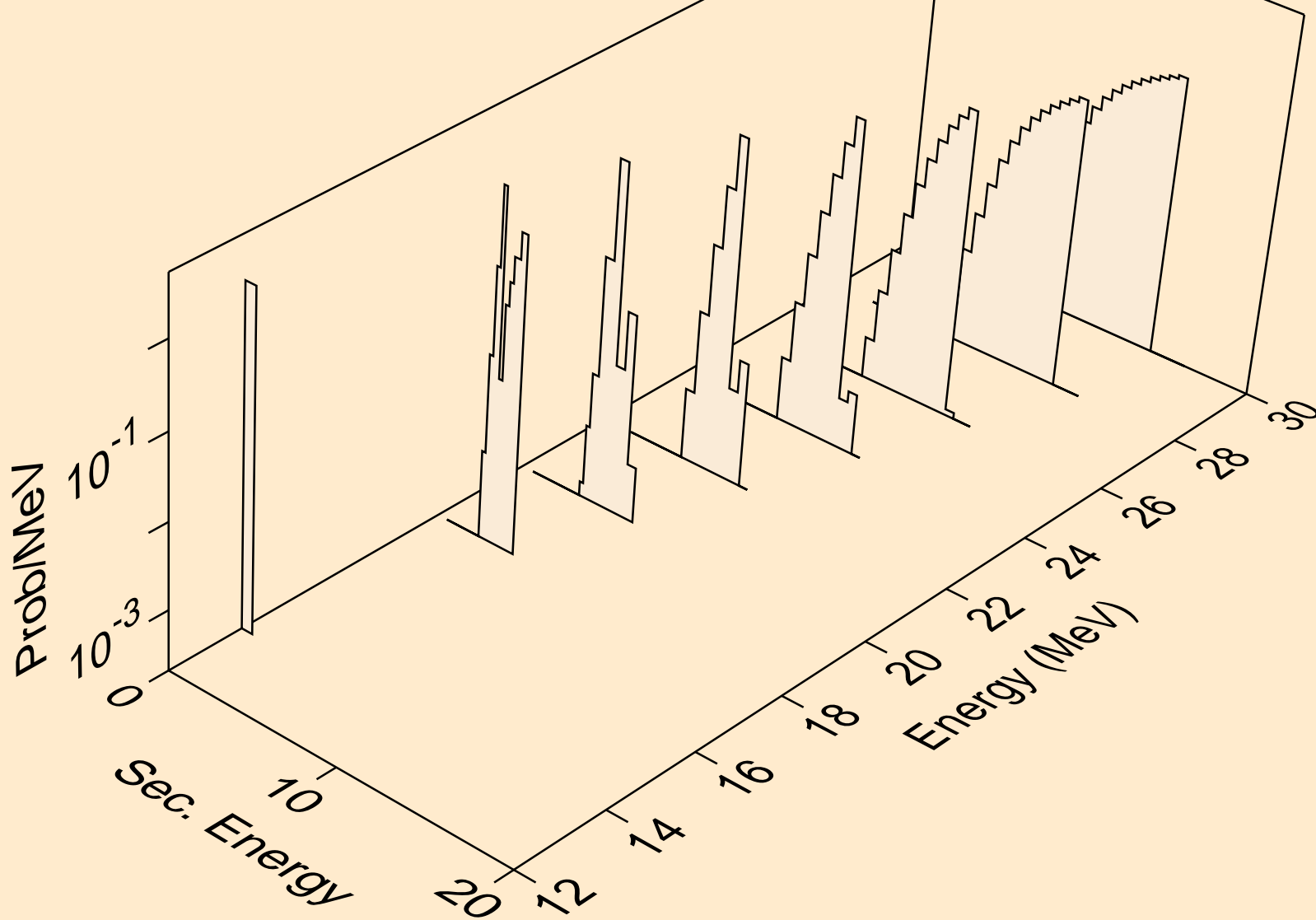
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



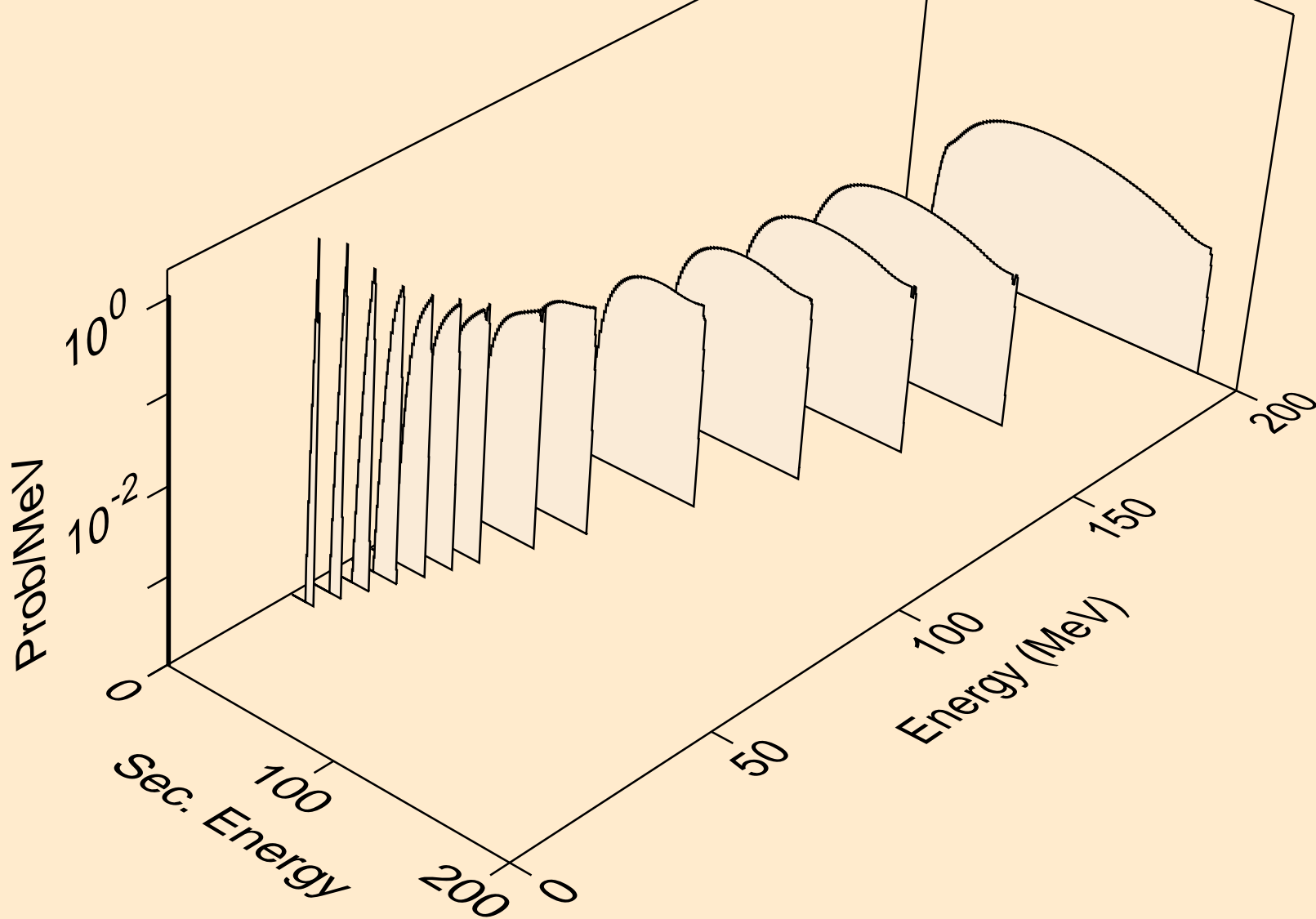
HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



HF182 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

