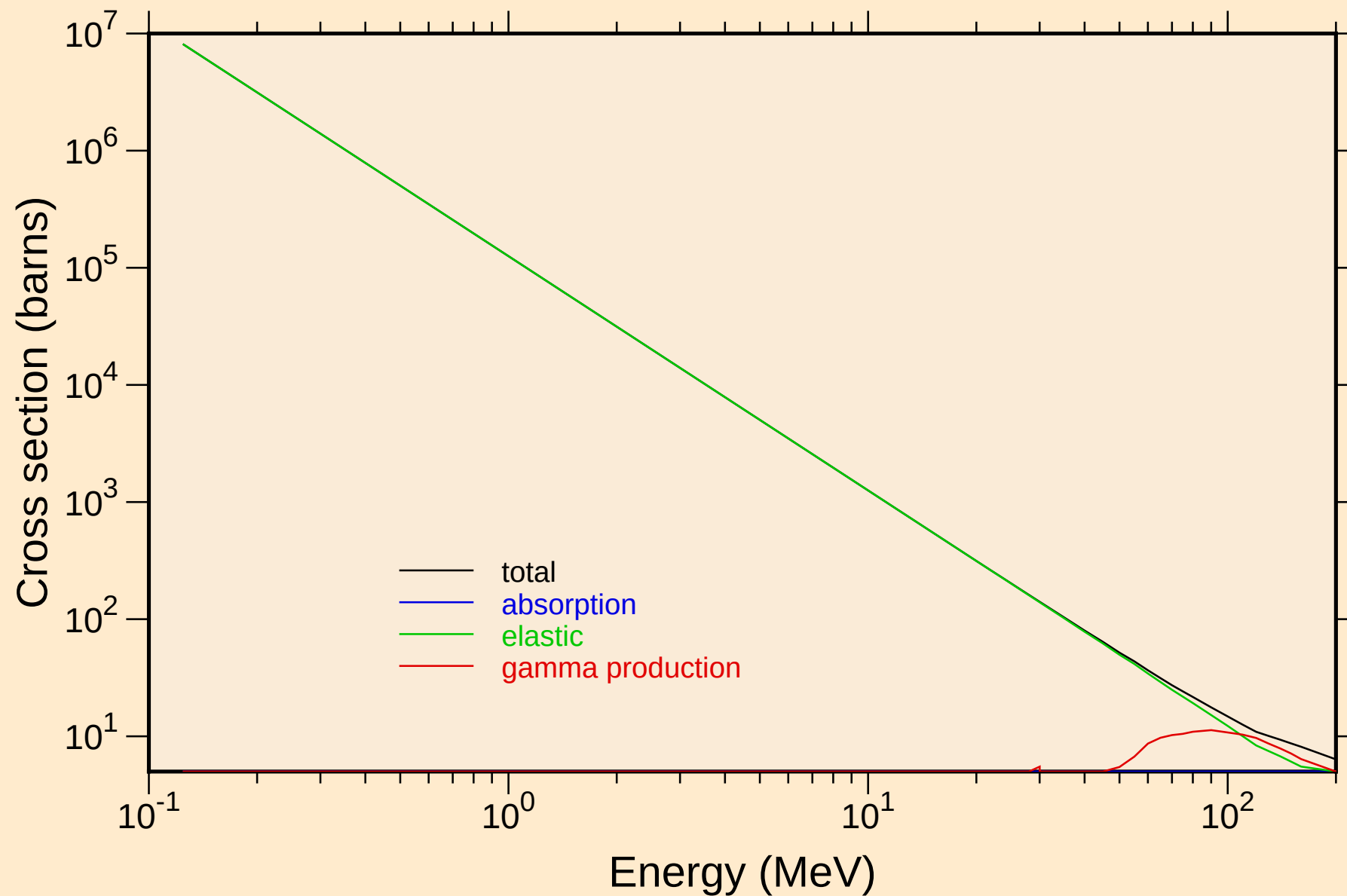


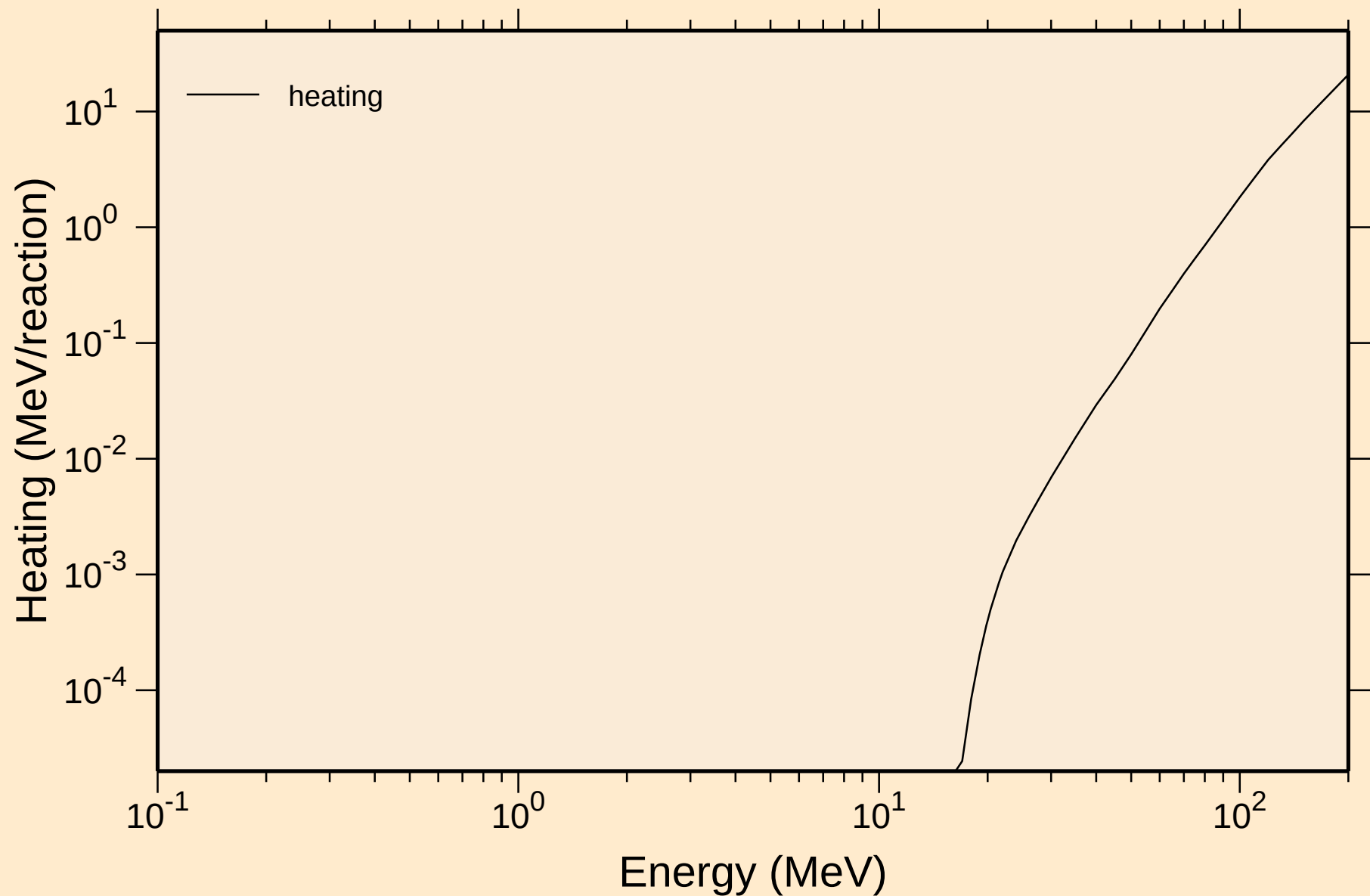
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



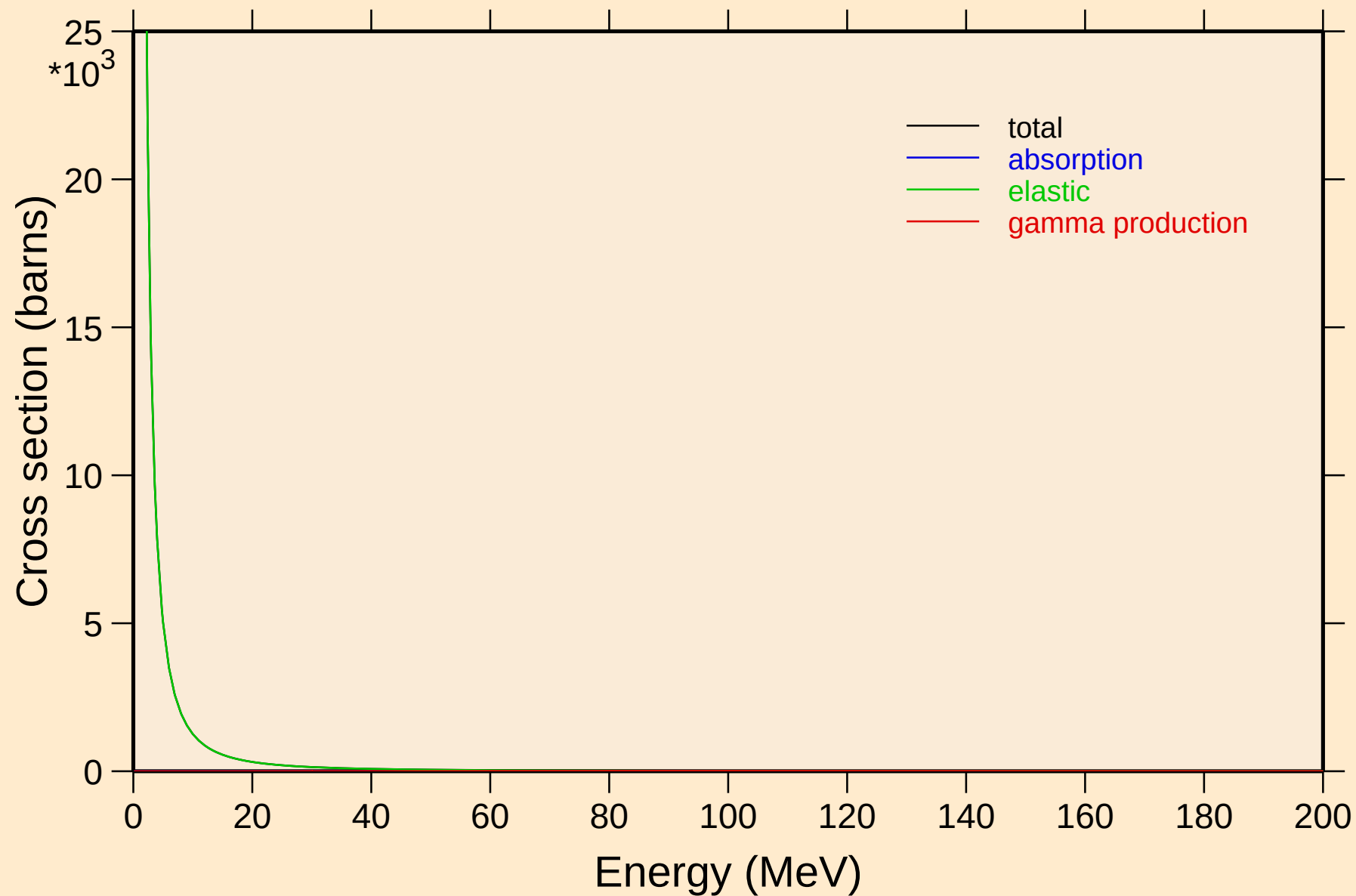
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



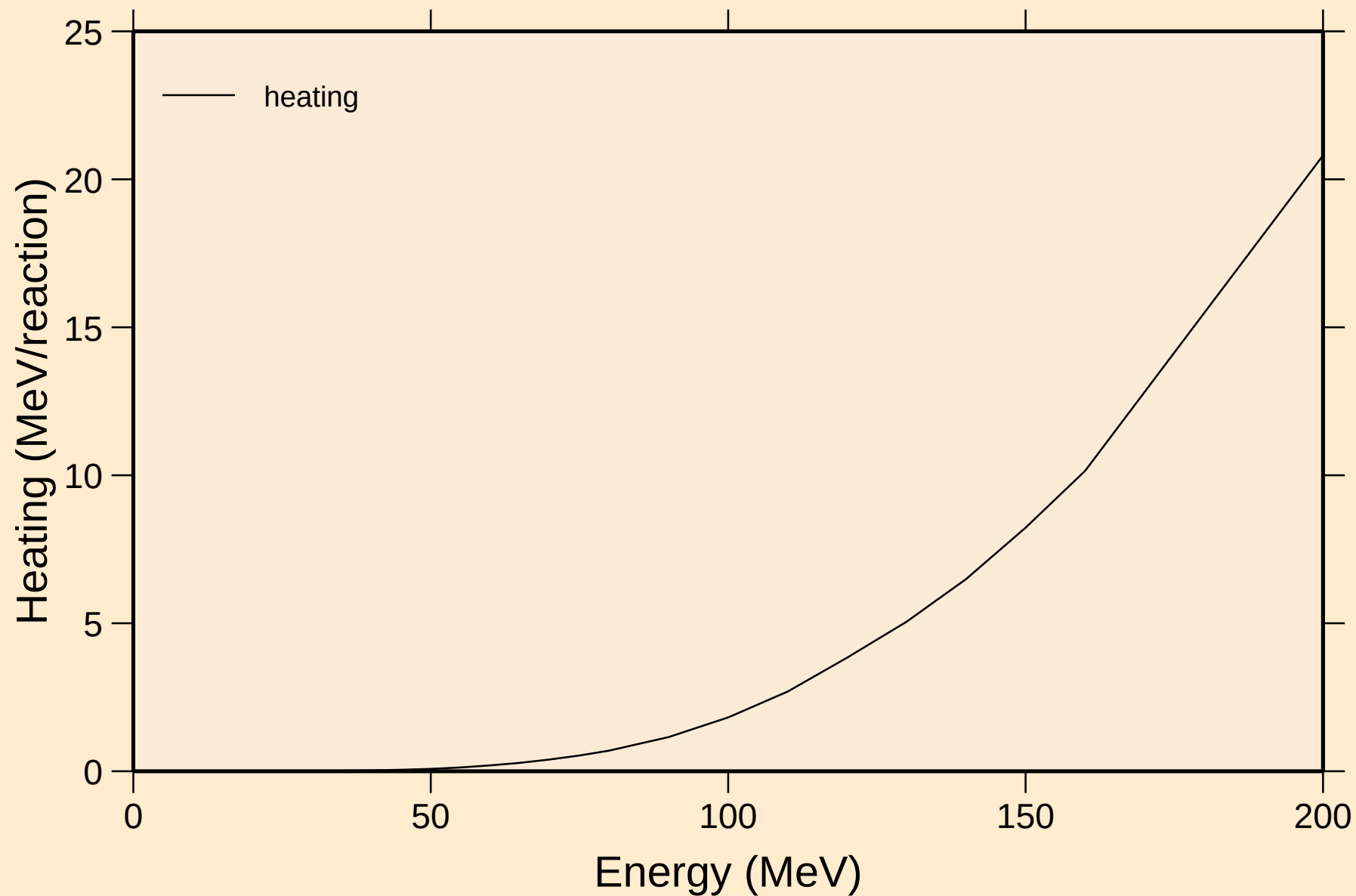
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



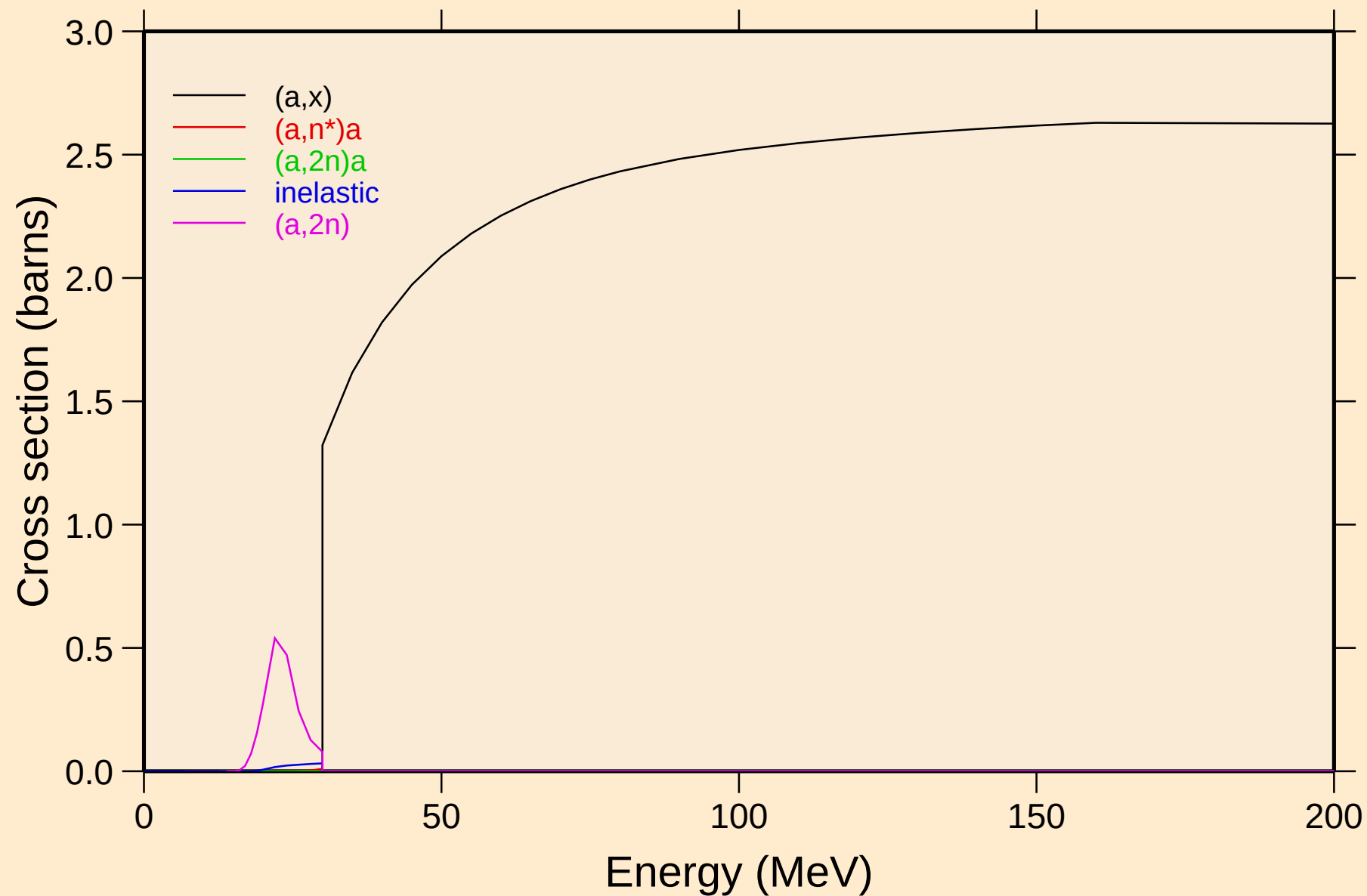
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



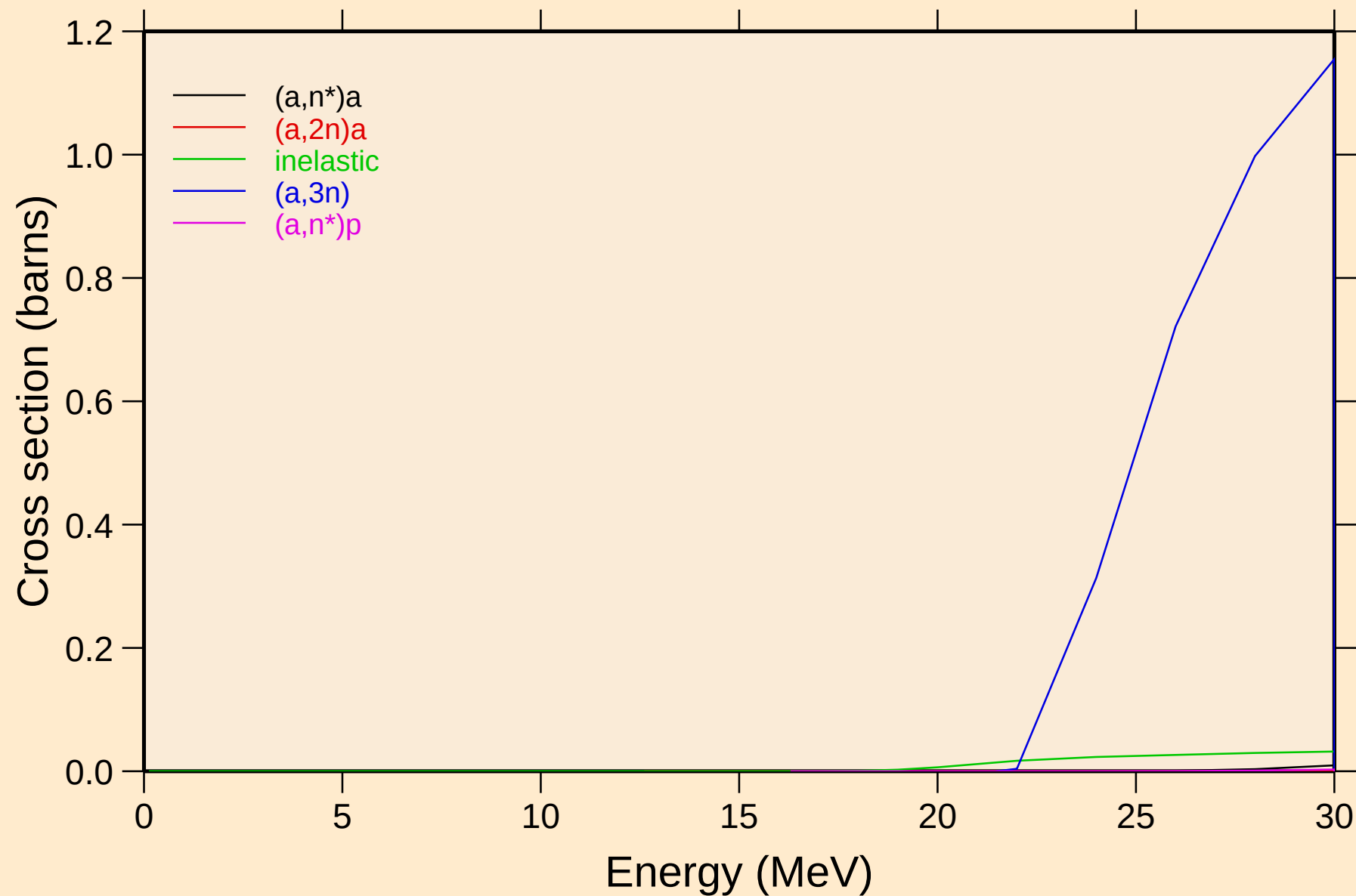
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



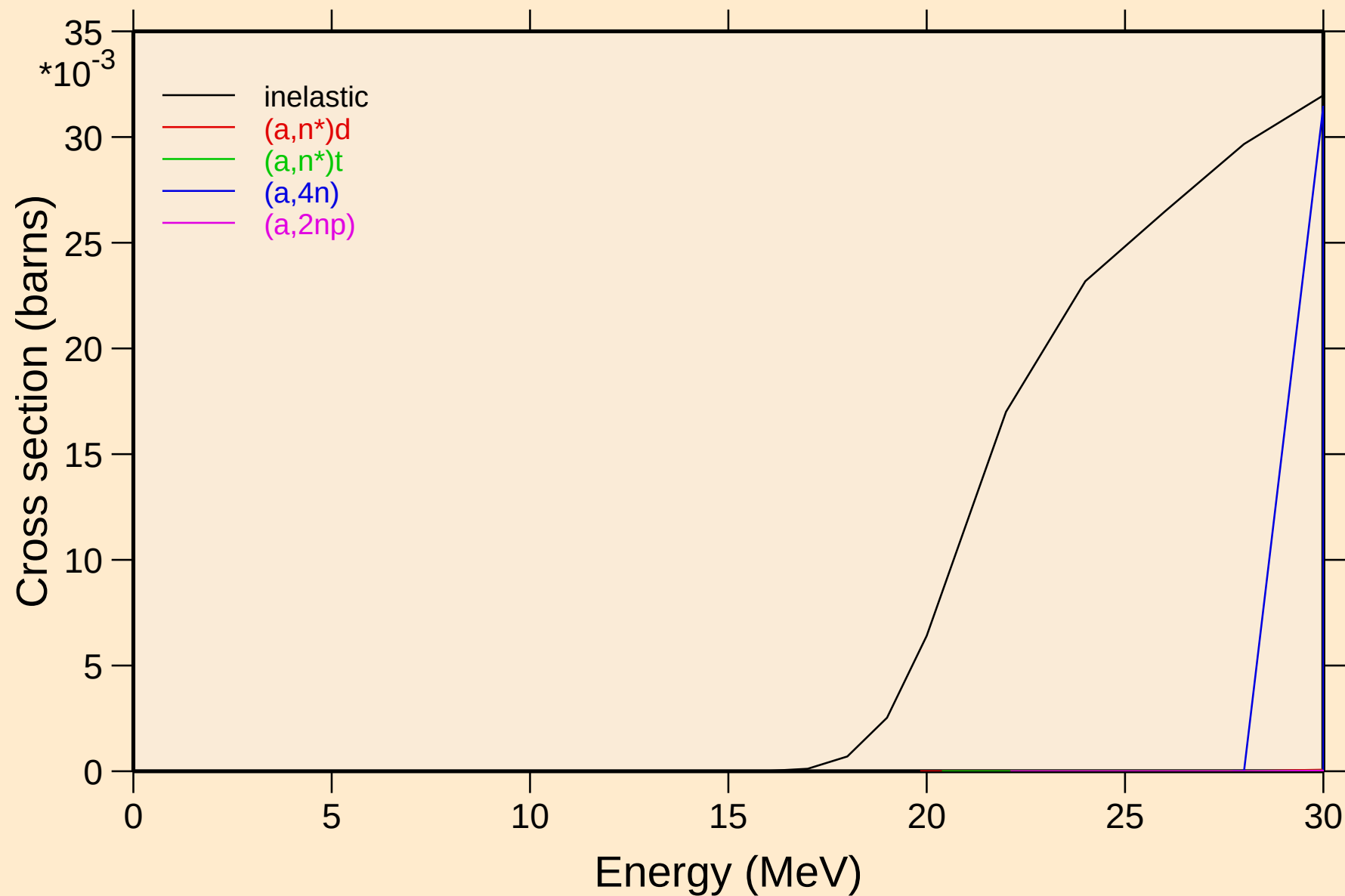
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



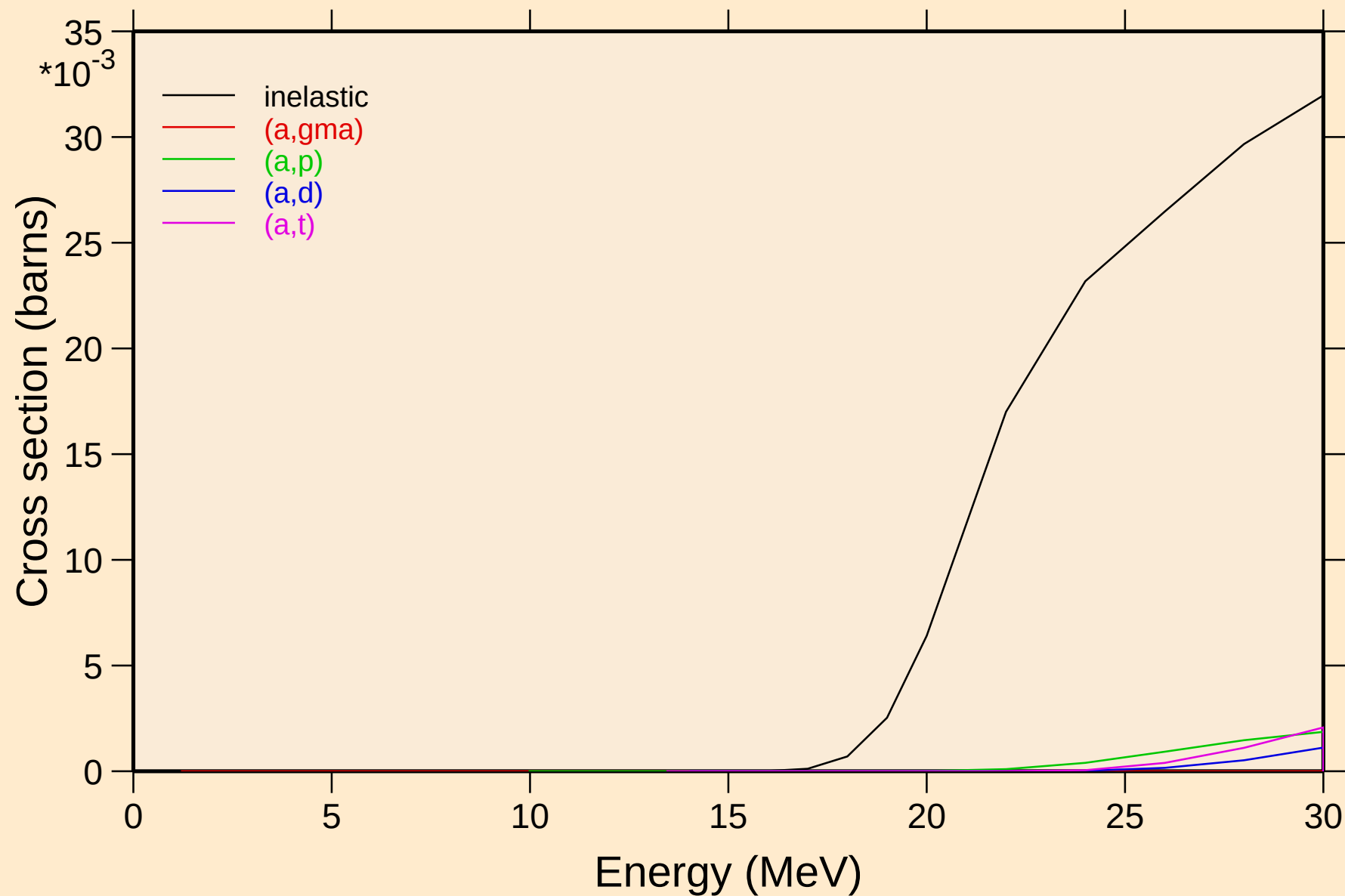
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

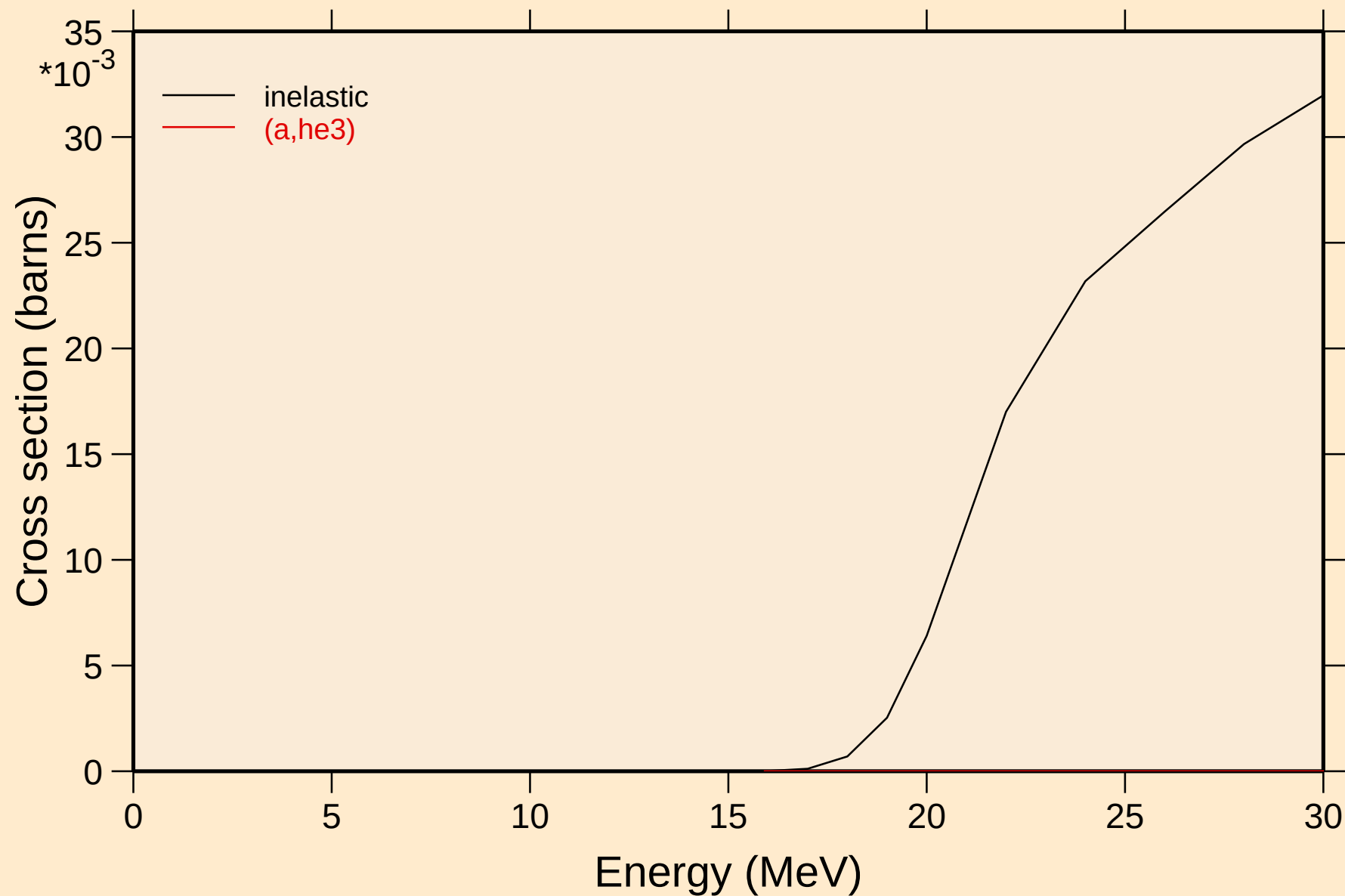
## Threshold reactions





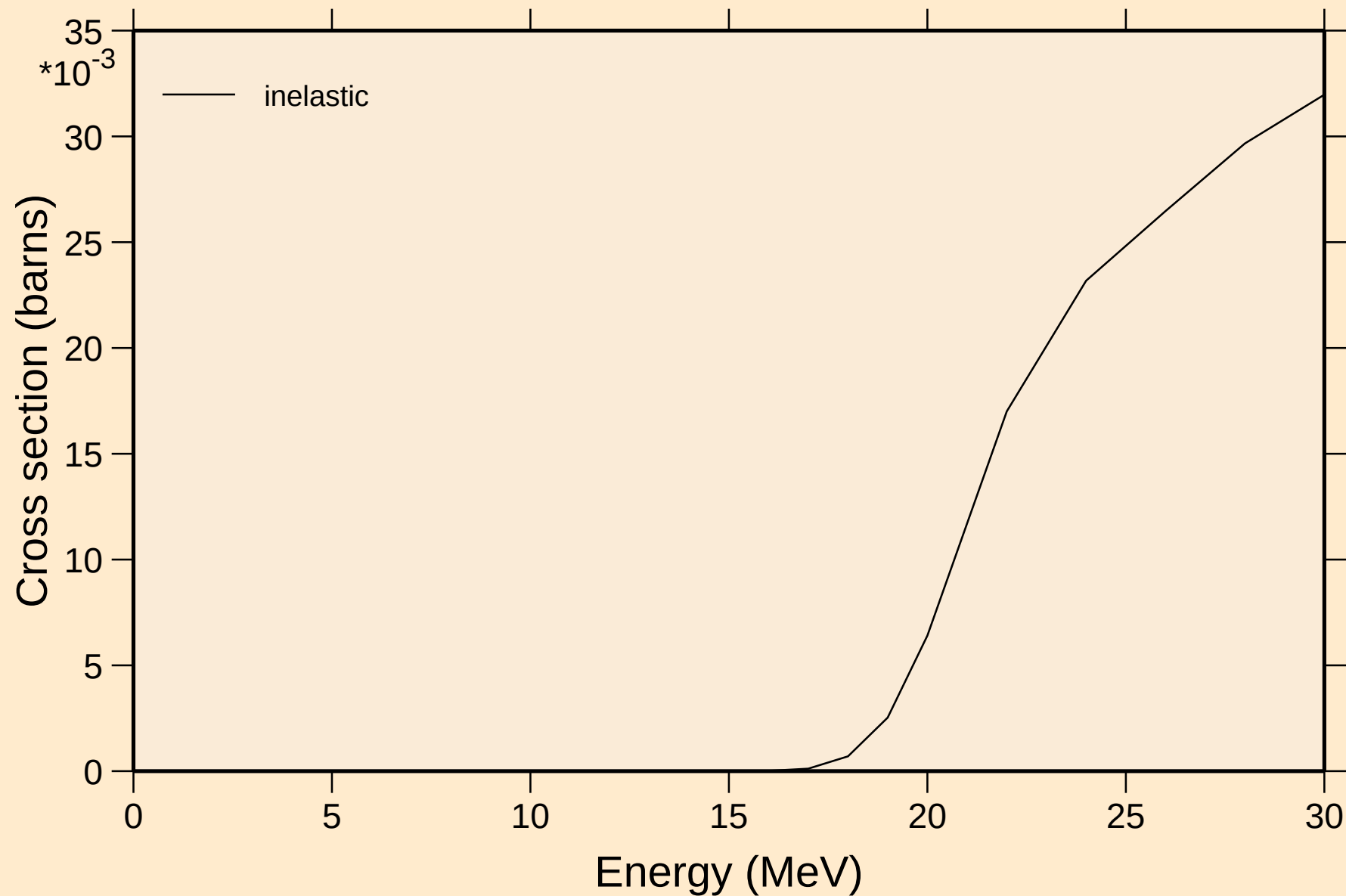
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

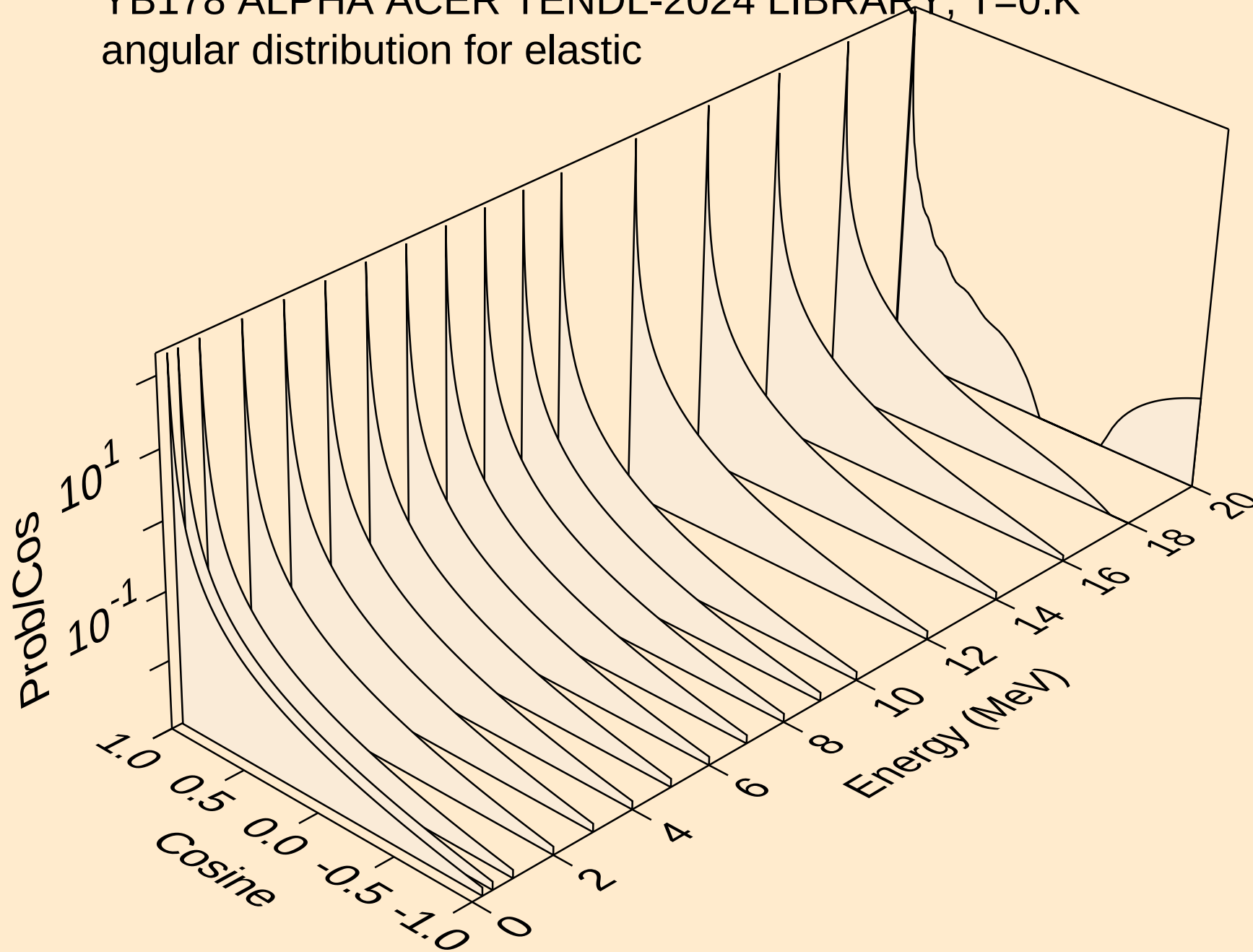


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

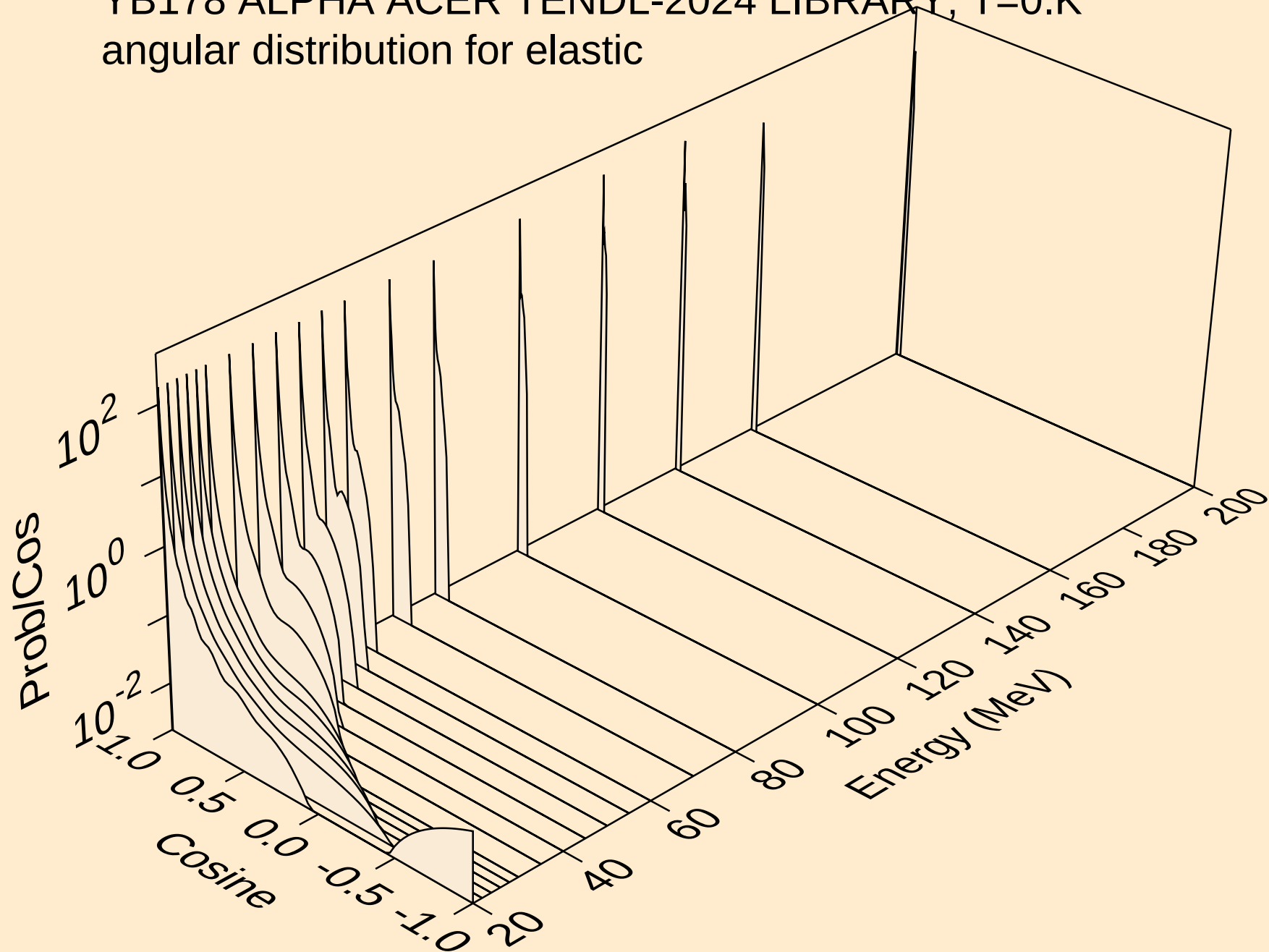
Threshold reactions



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

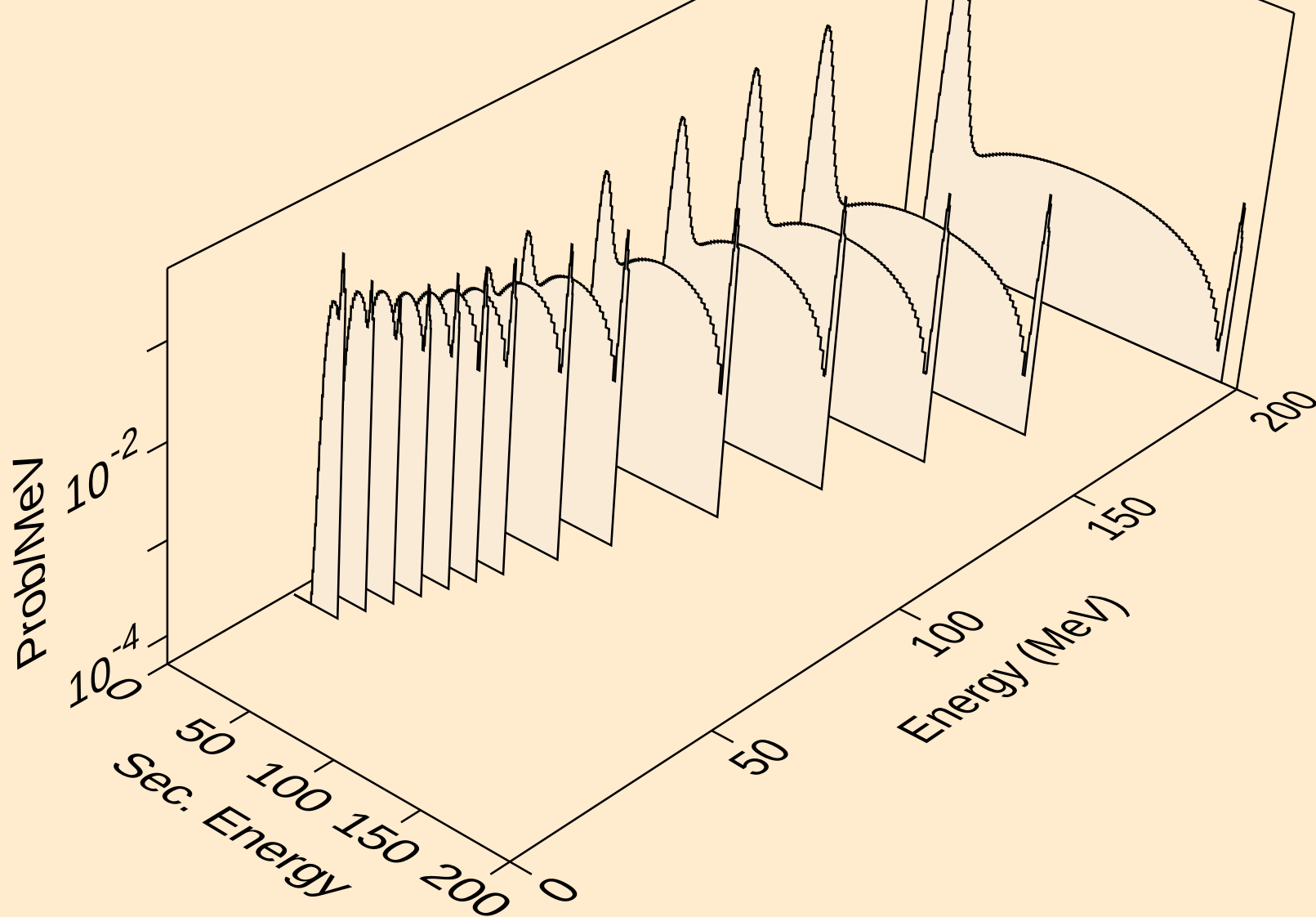


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



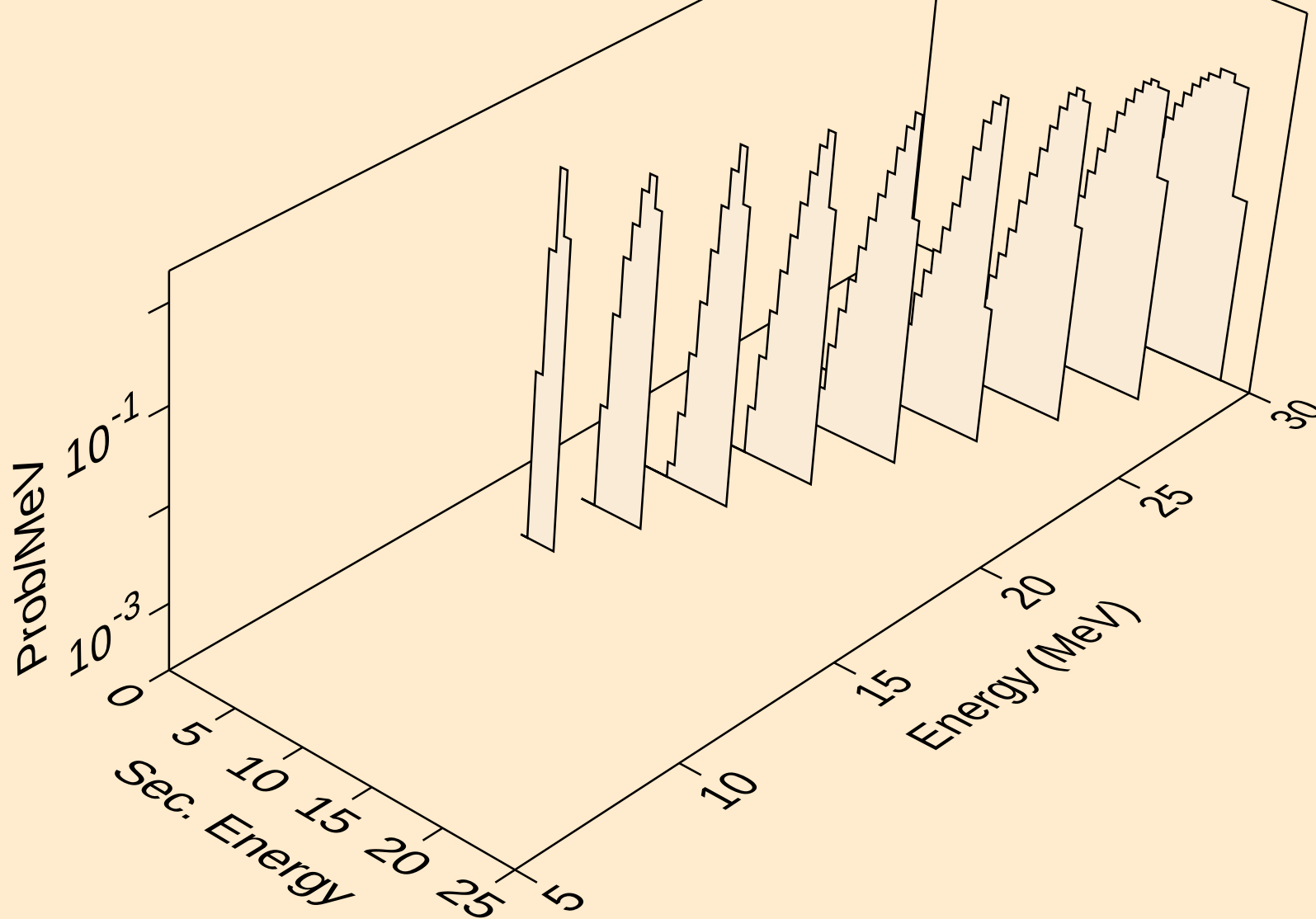
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



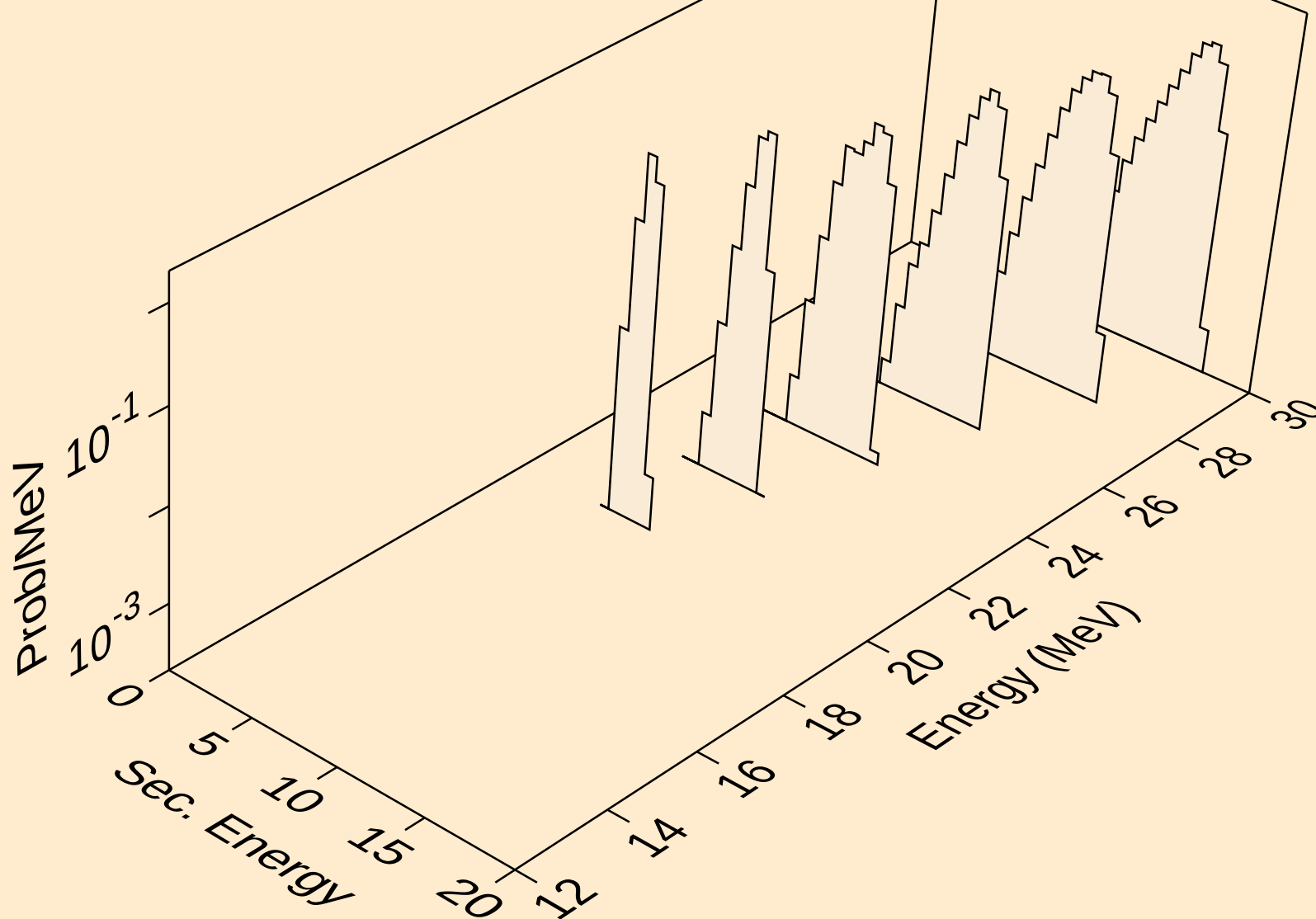
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



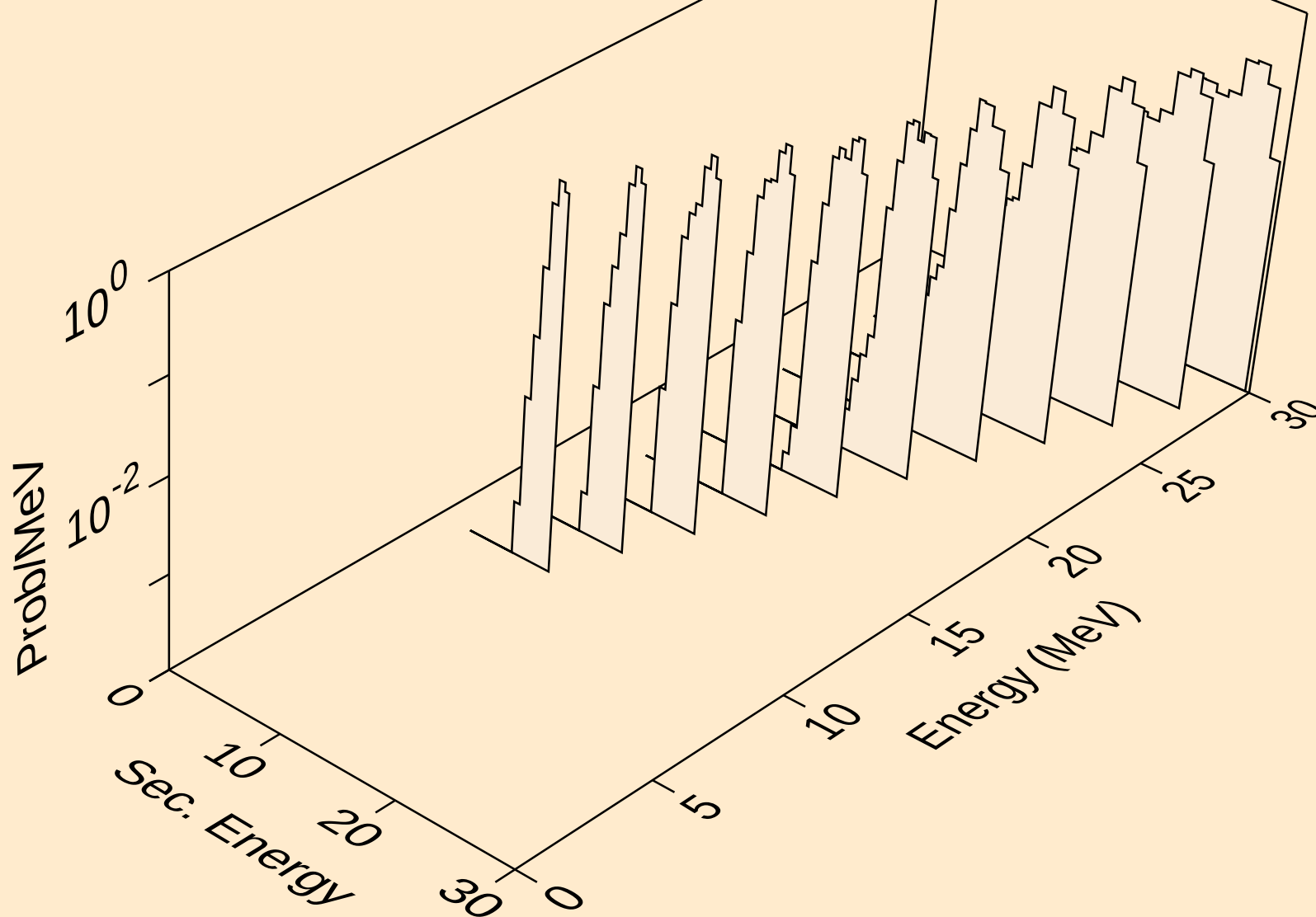
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



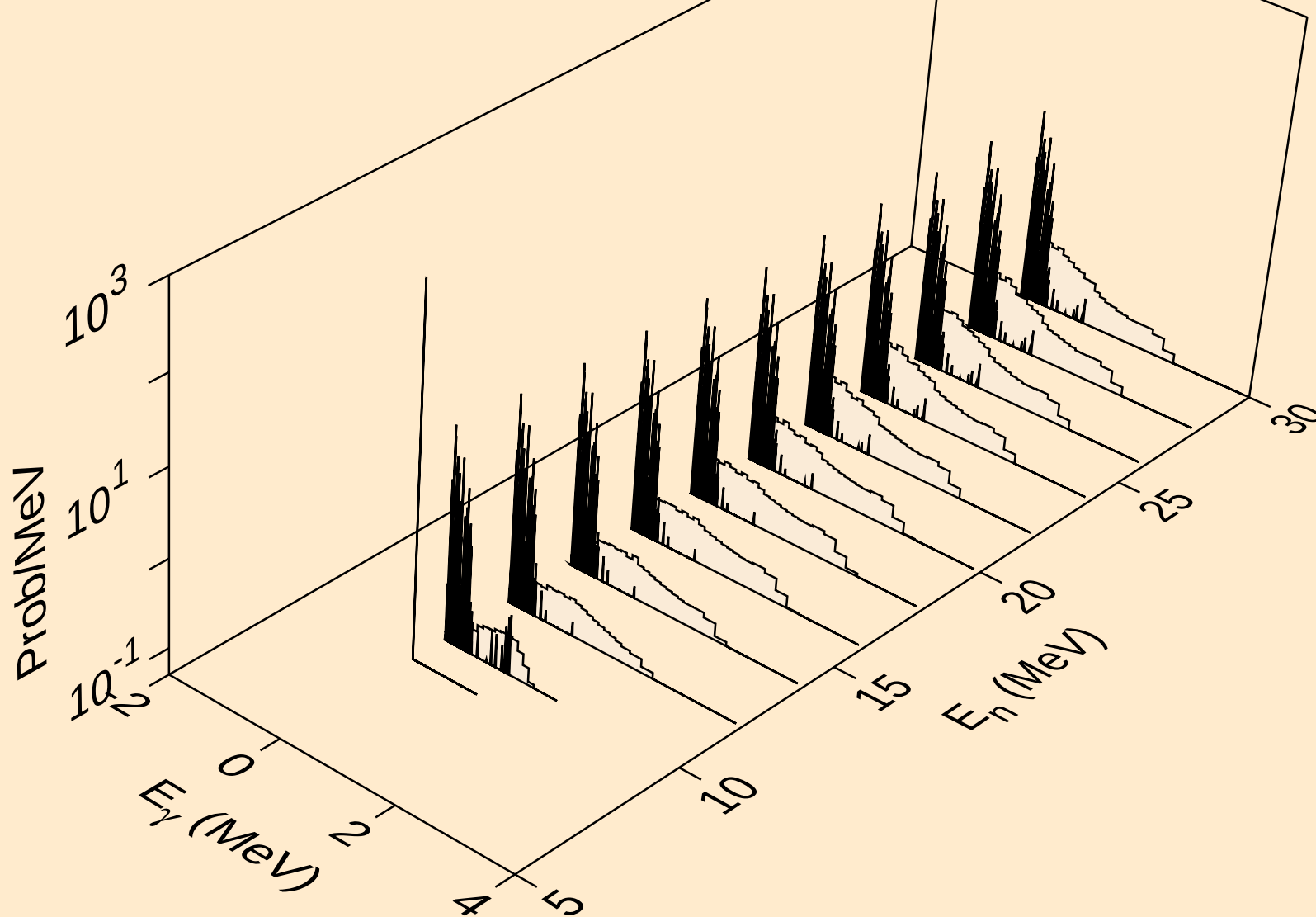
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic



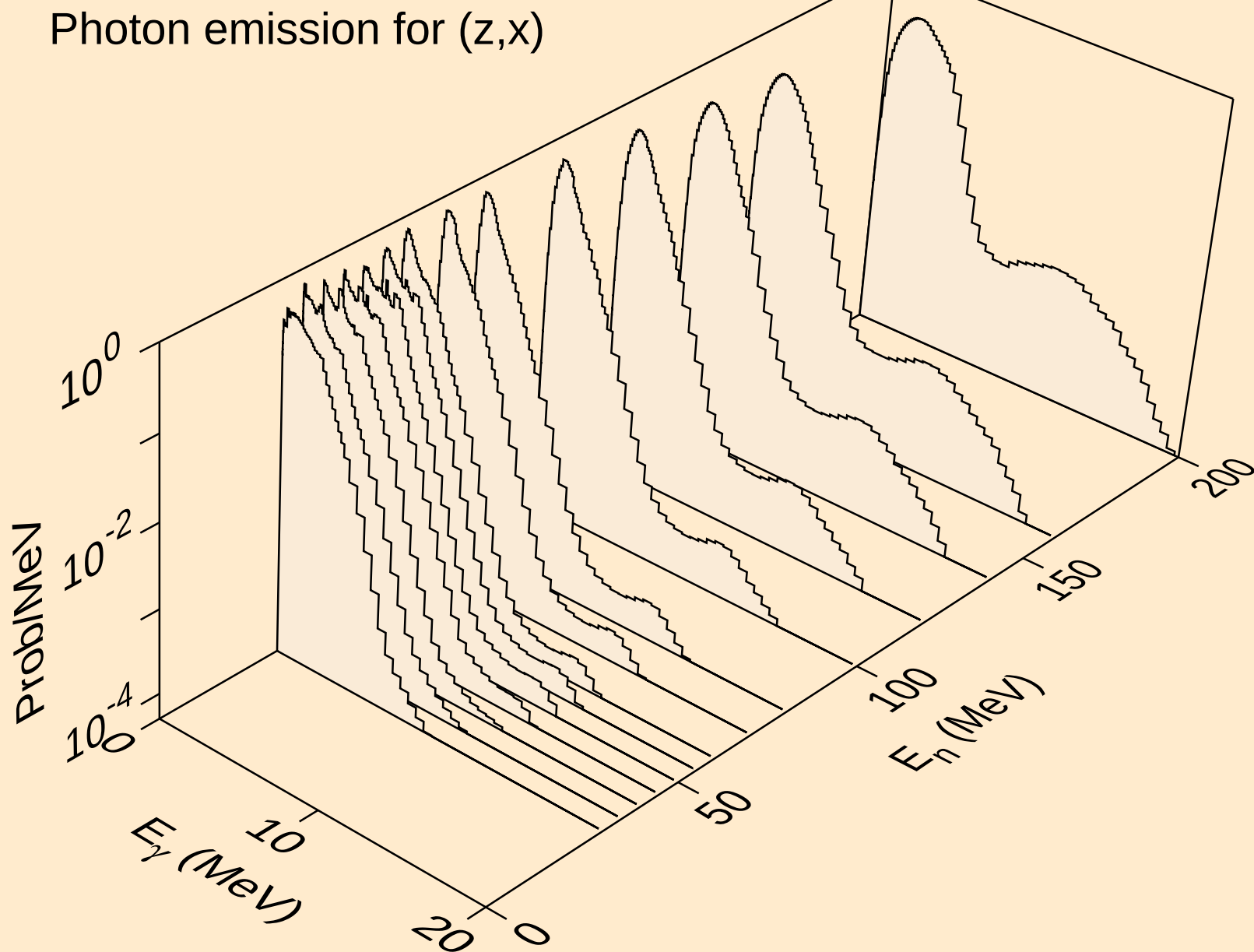


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

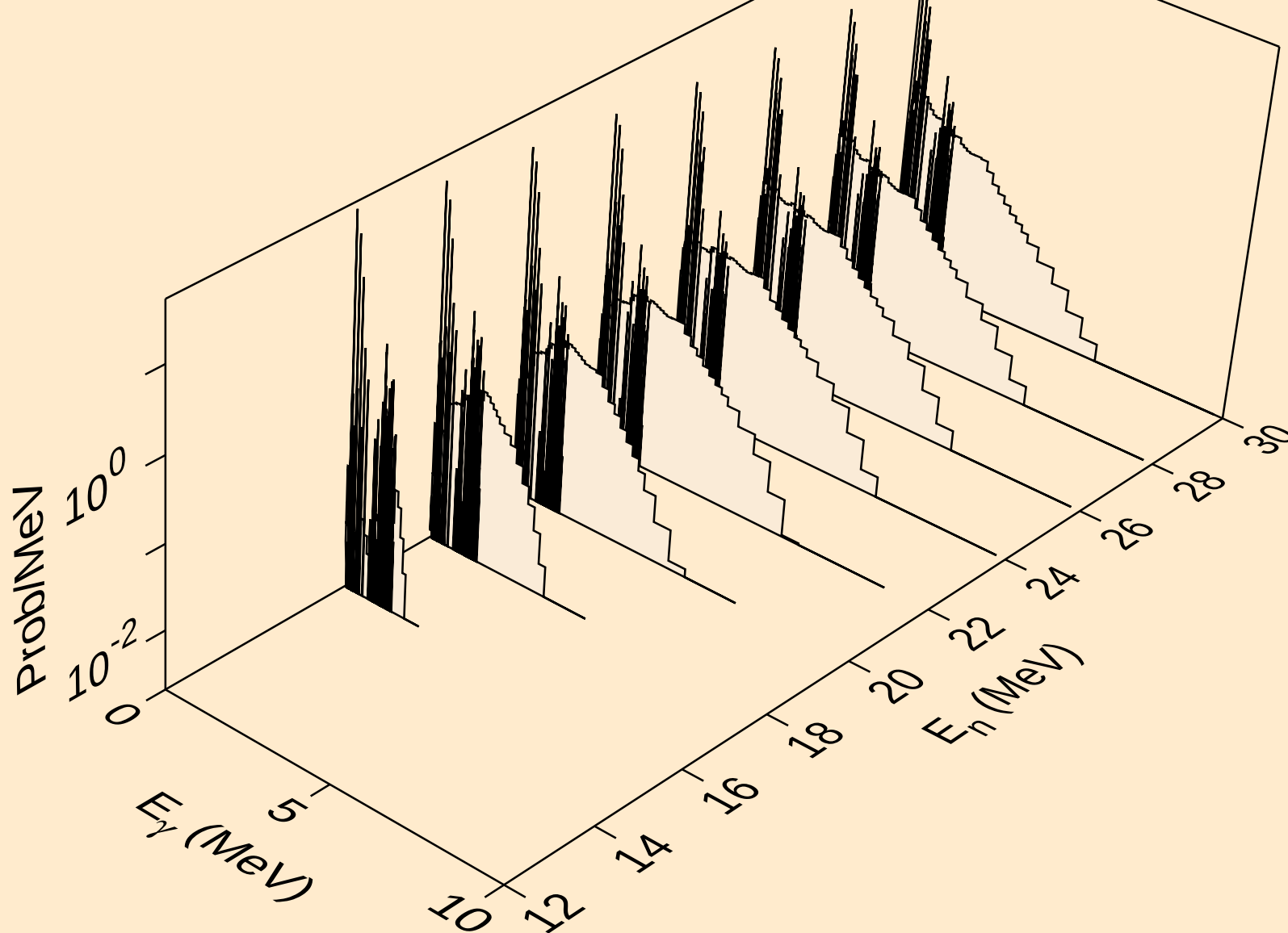


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

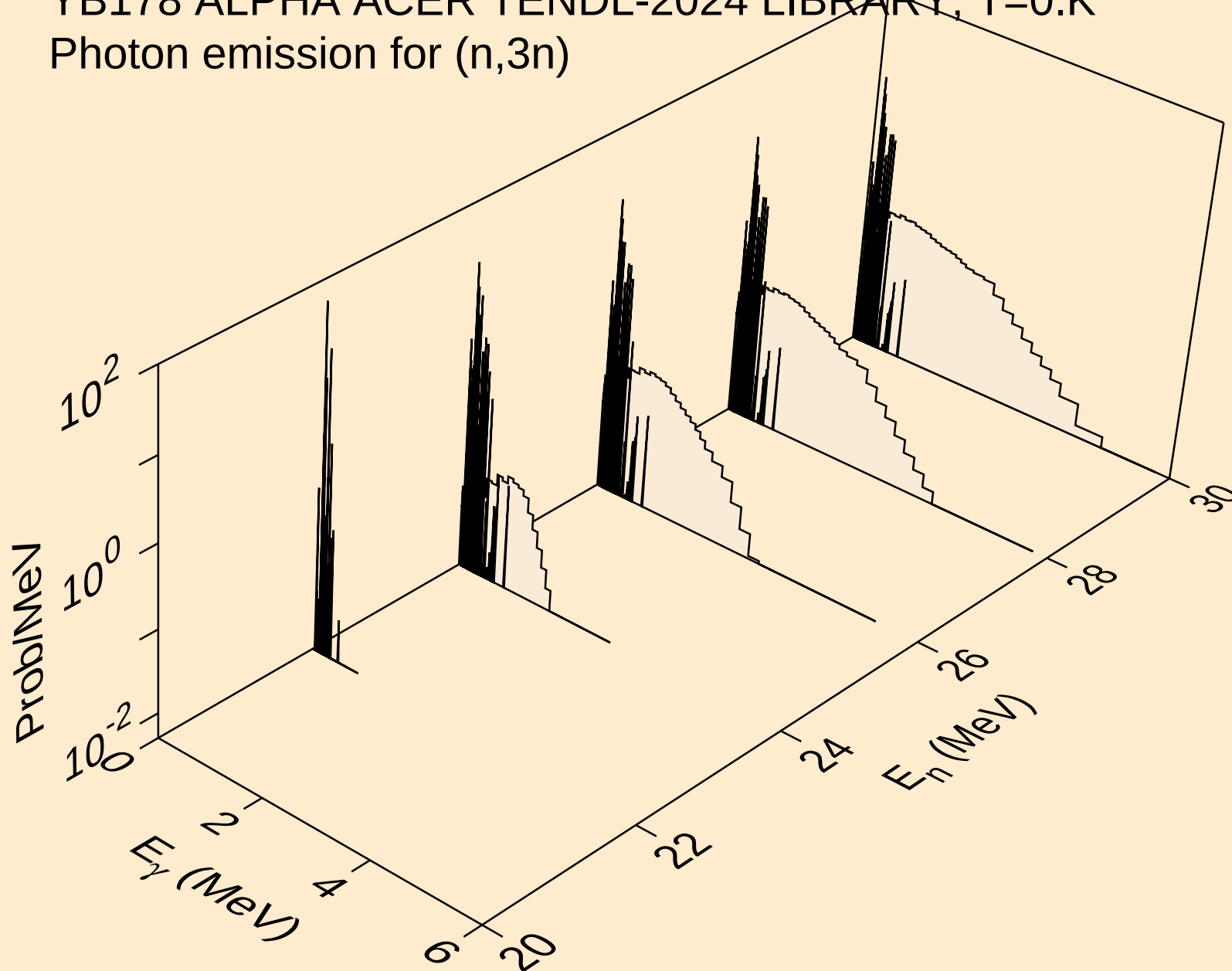
Photon emission for (z,x)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

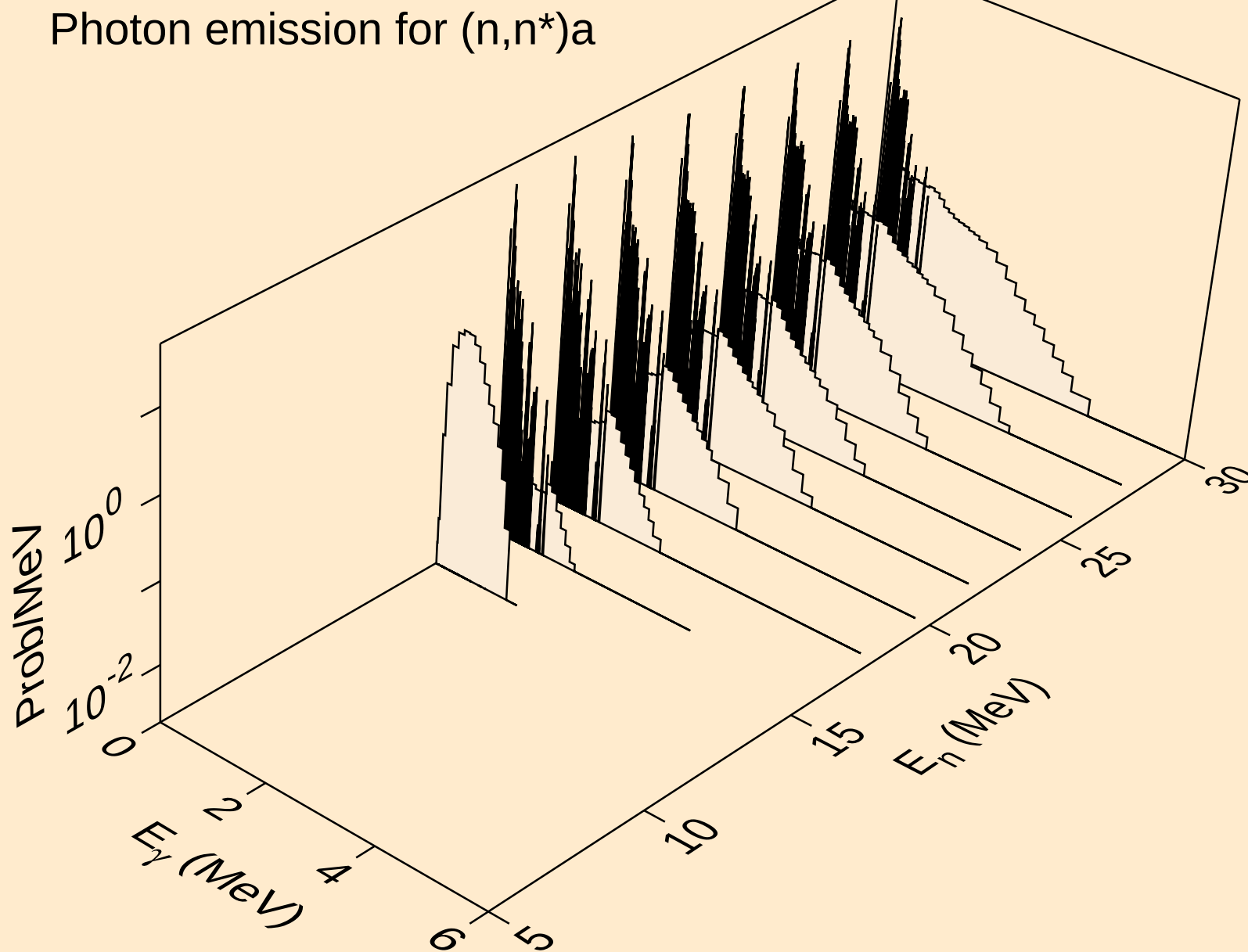


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



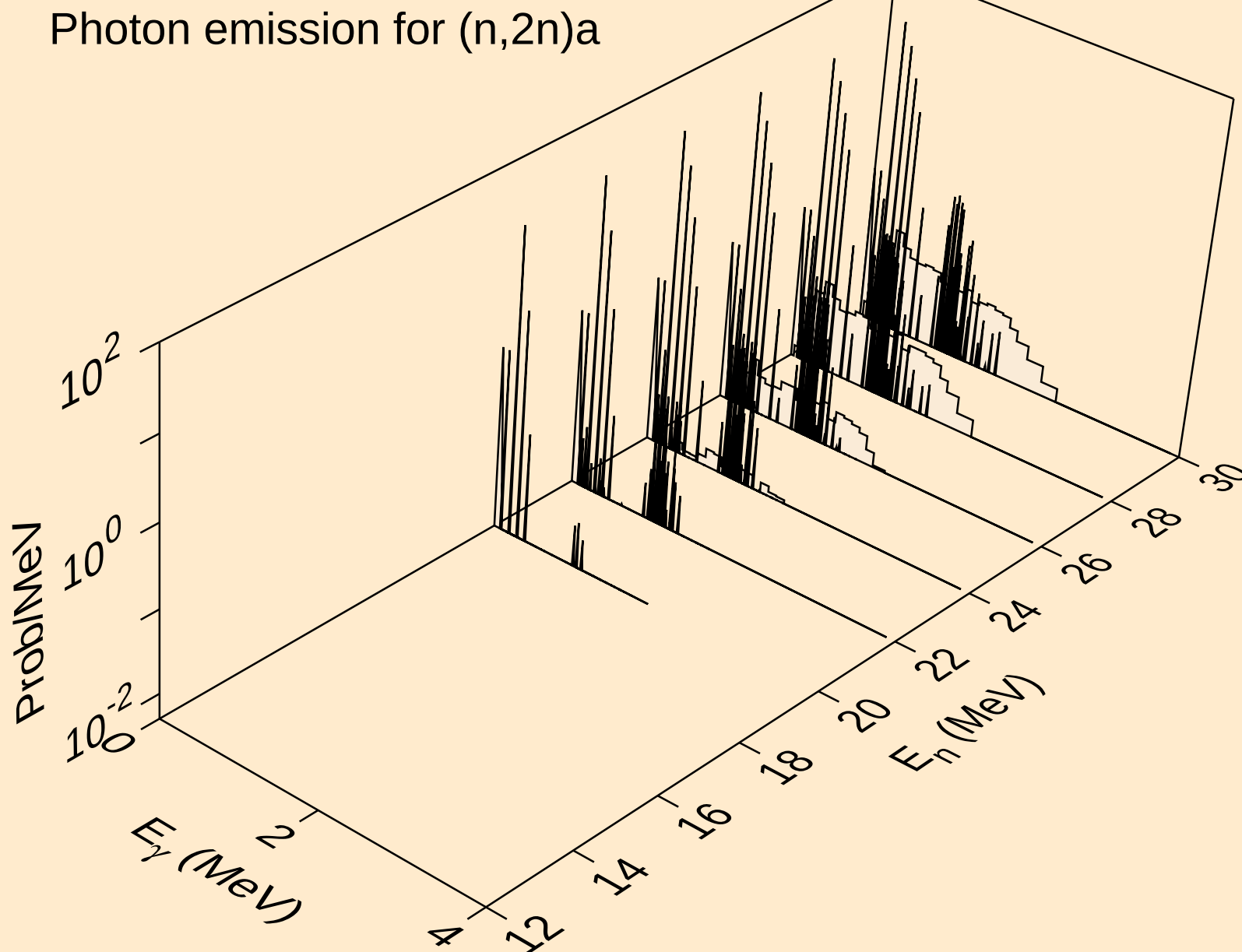
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



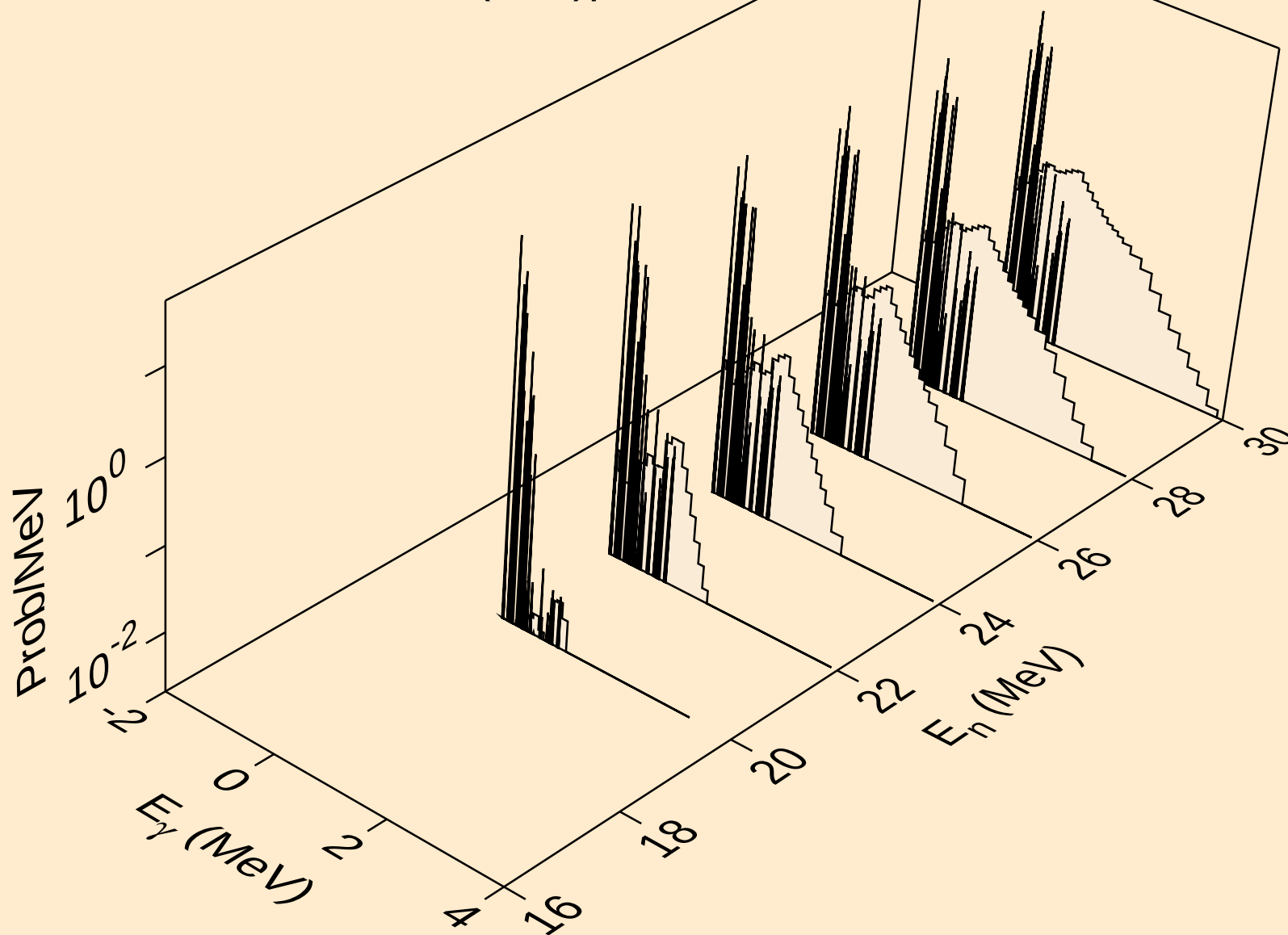
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

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



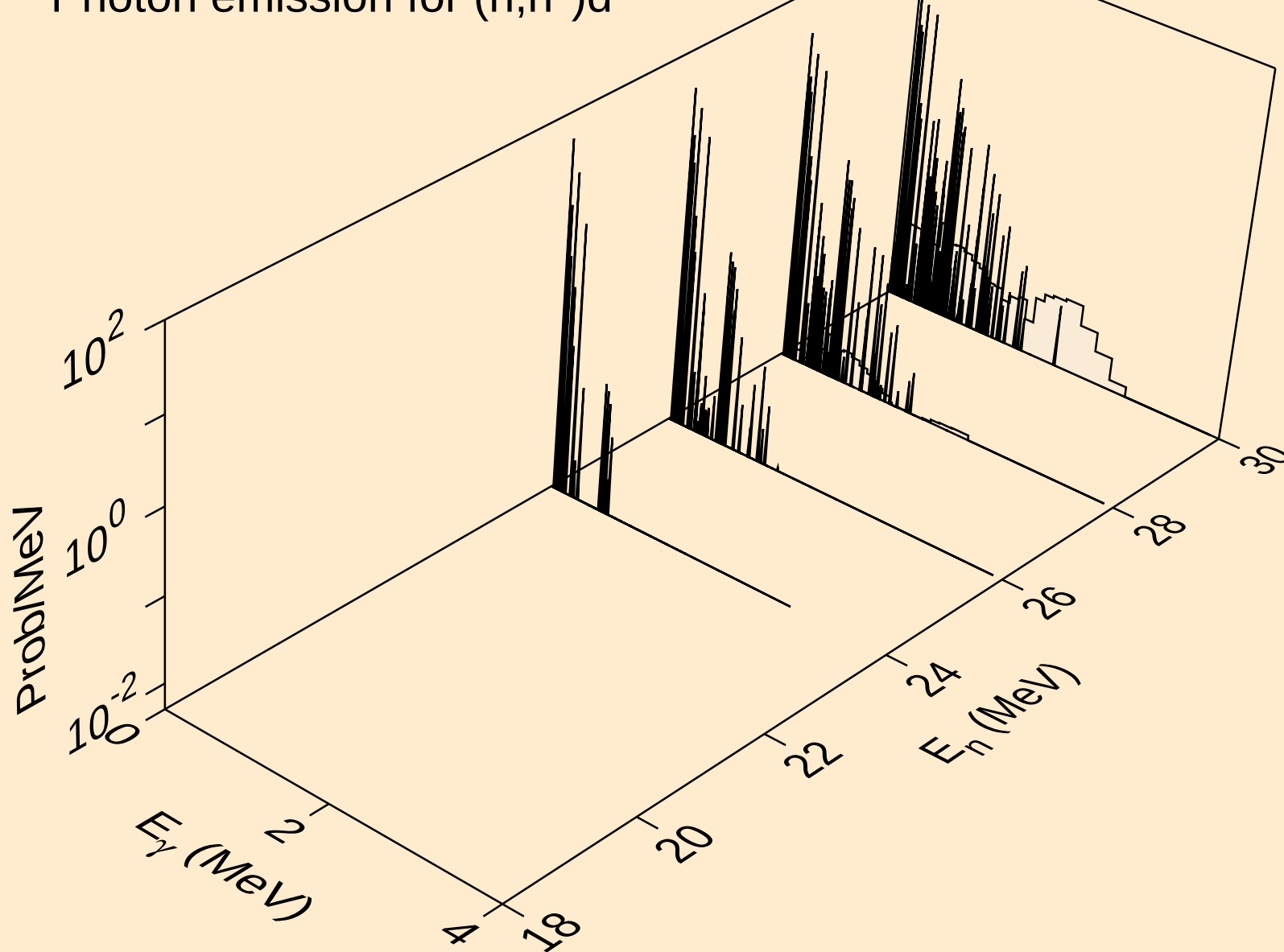
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

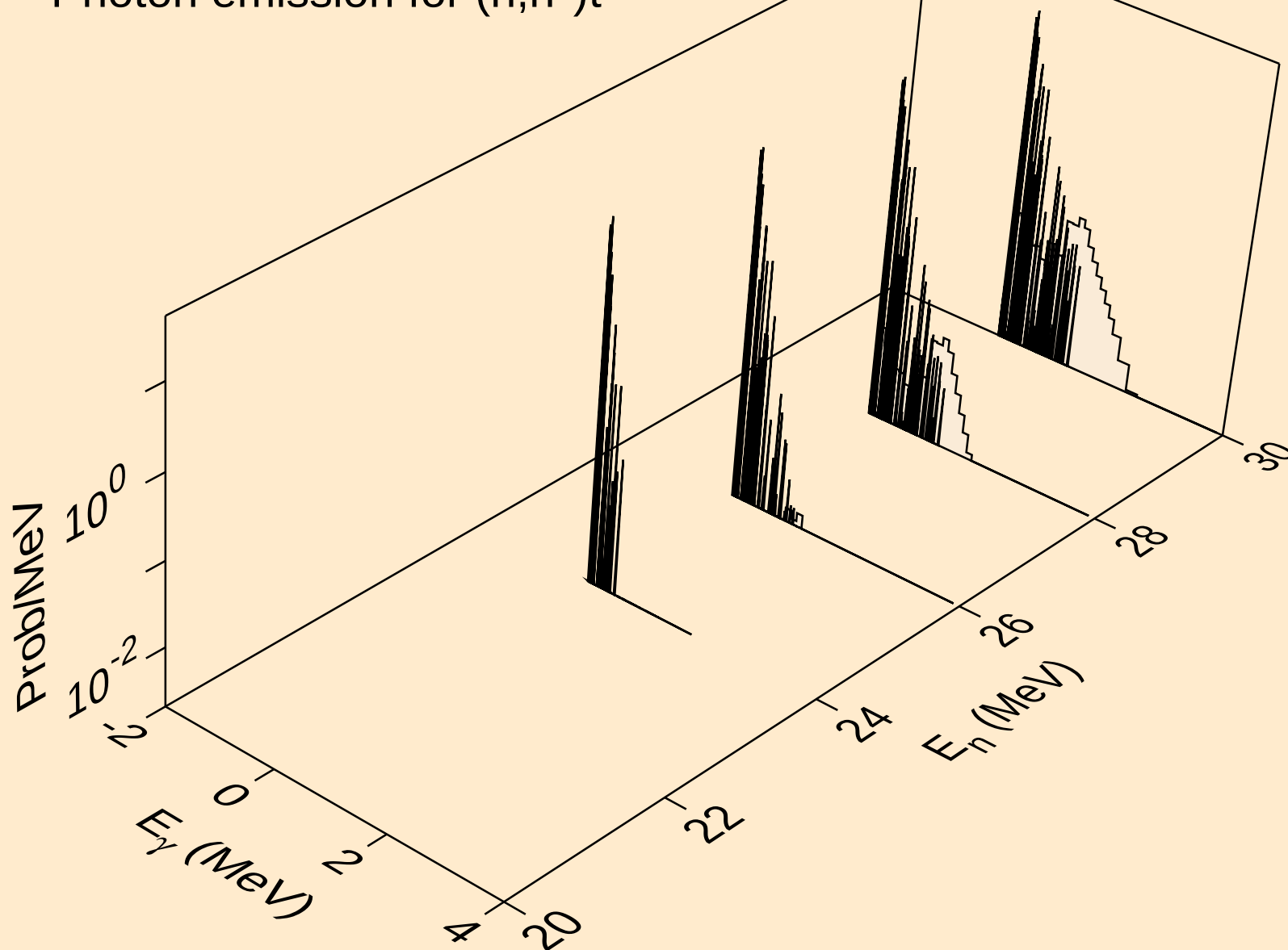
Photon emission for (n,n\*)d





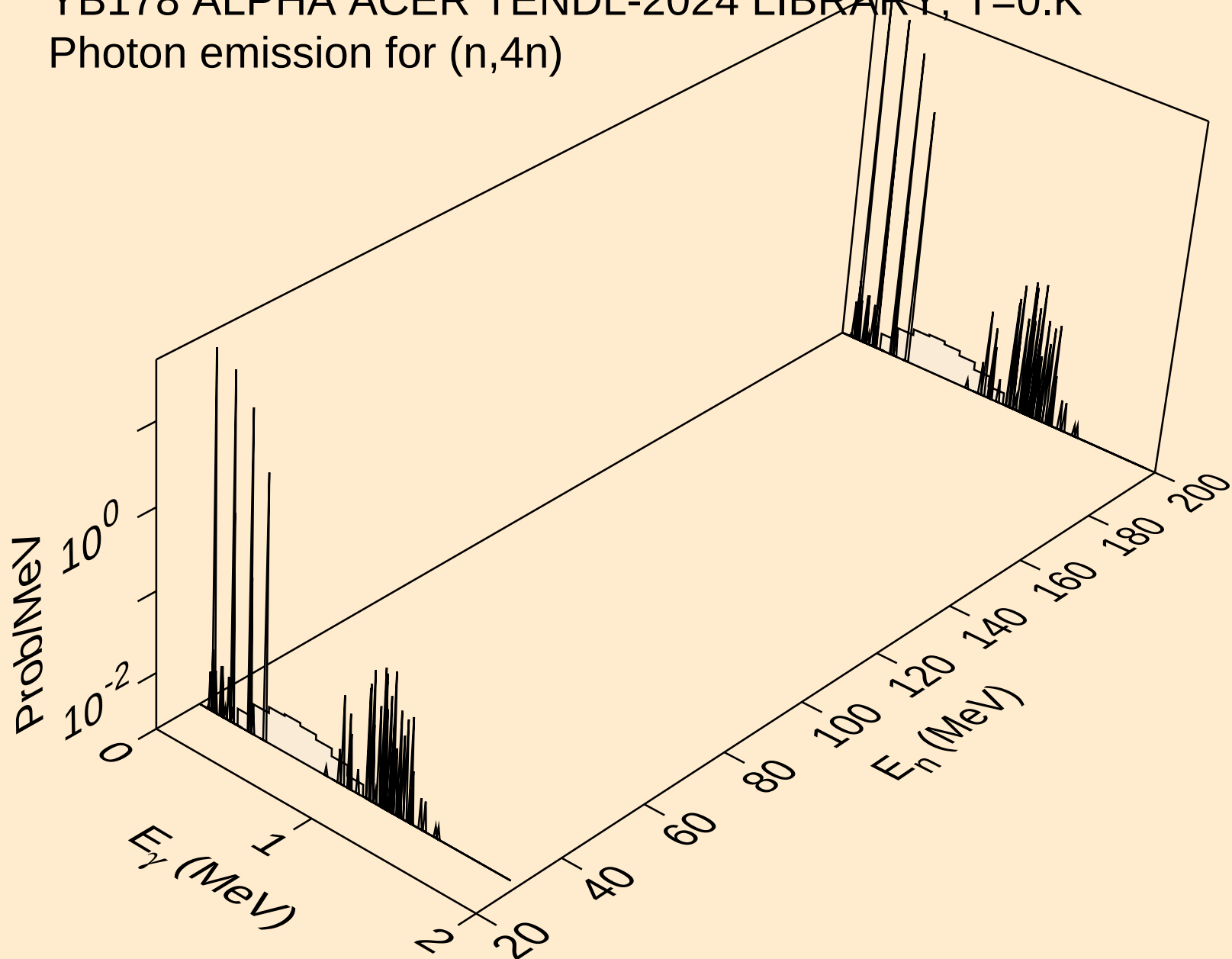
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

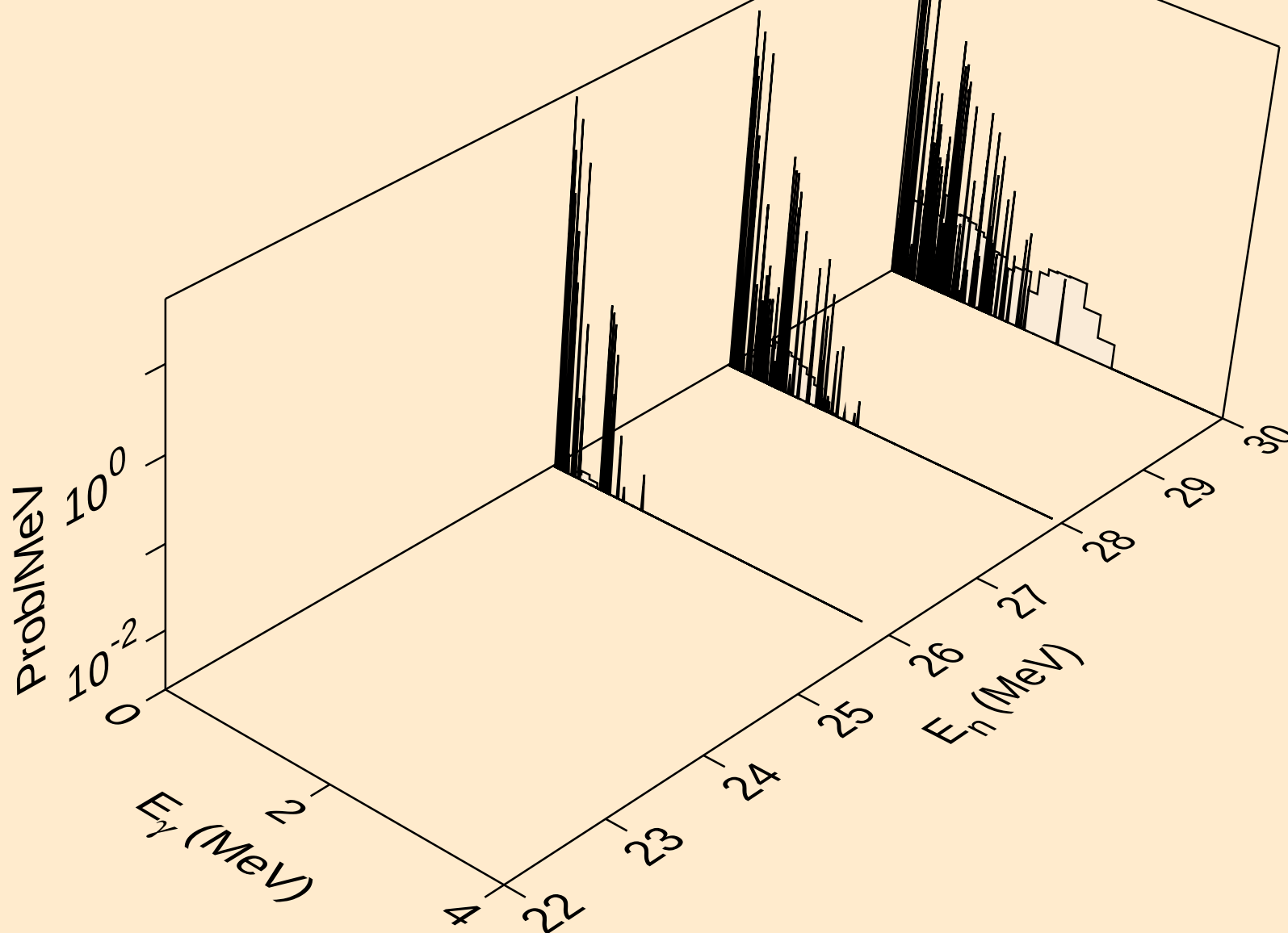


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

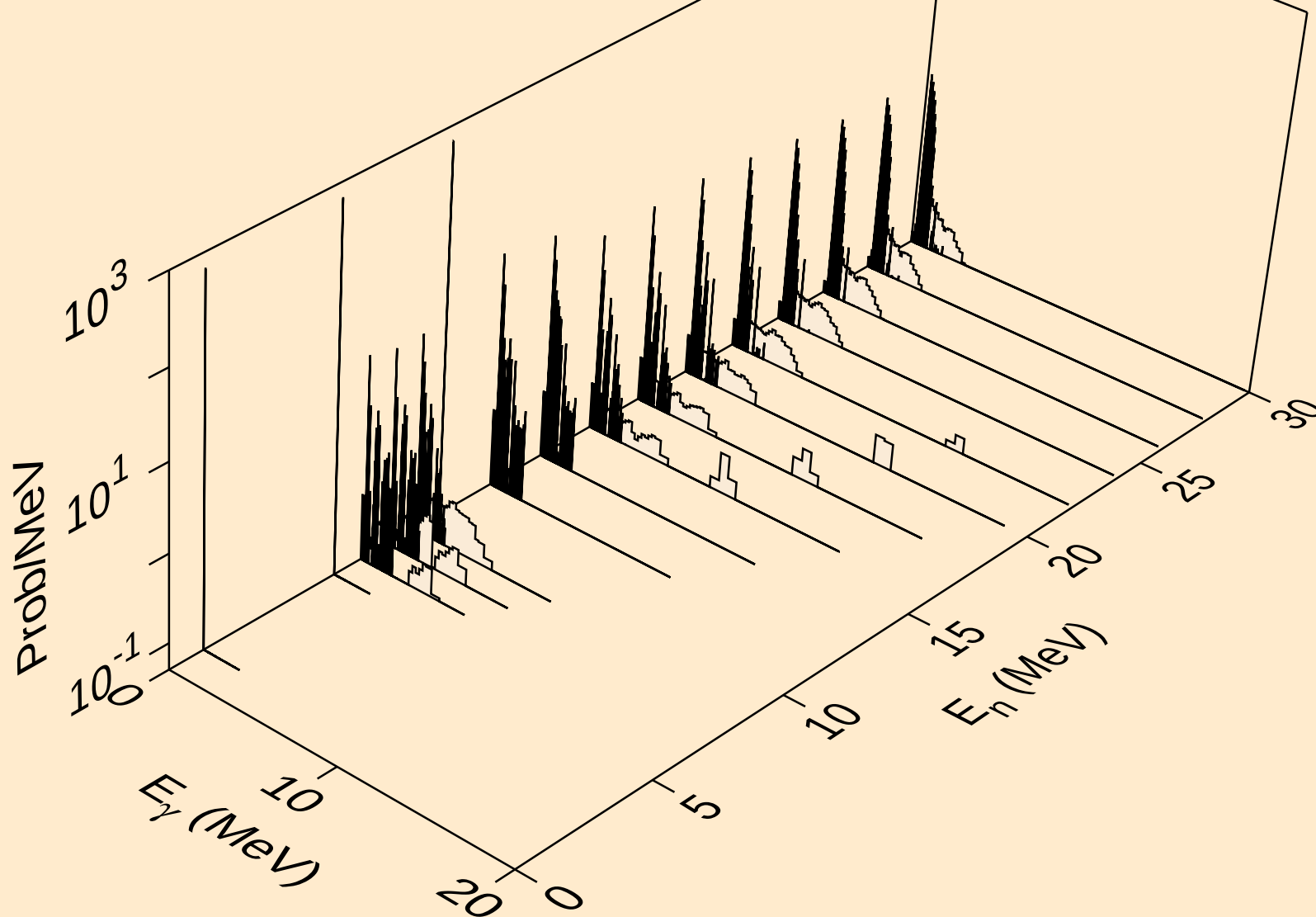
Photon emission for (n,4n)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

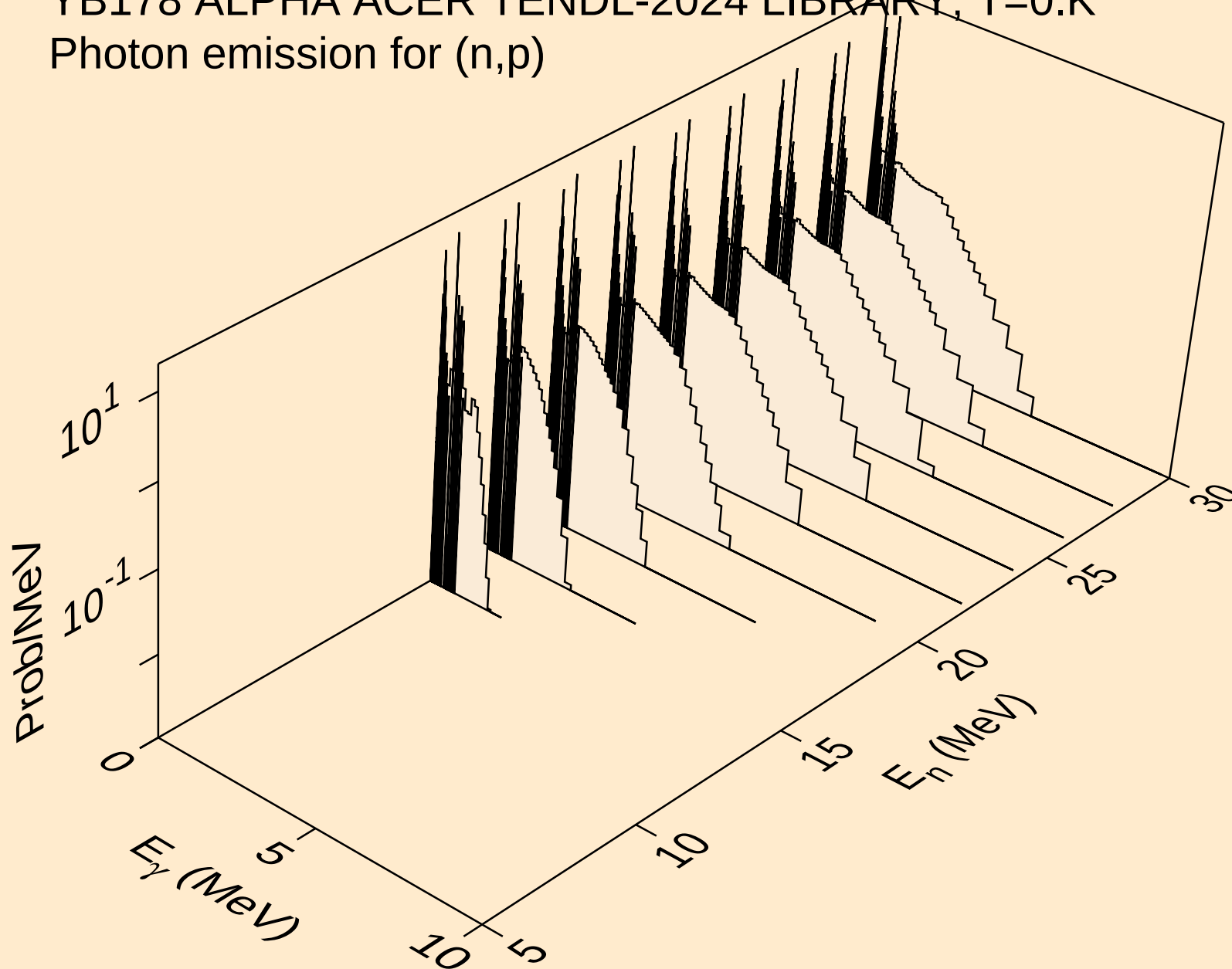


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

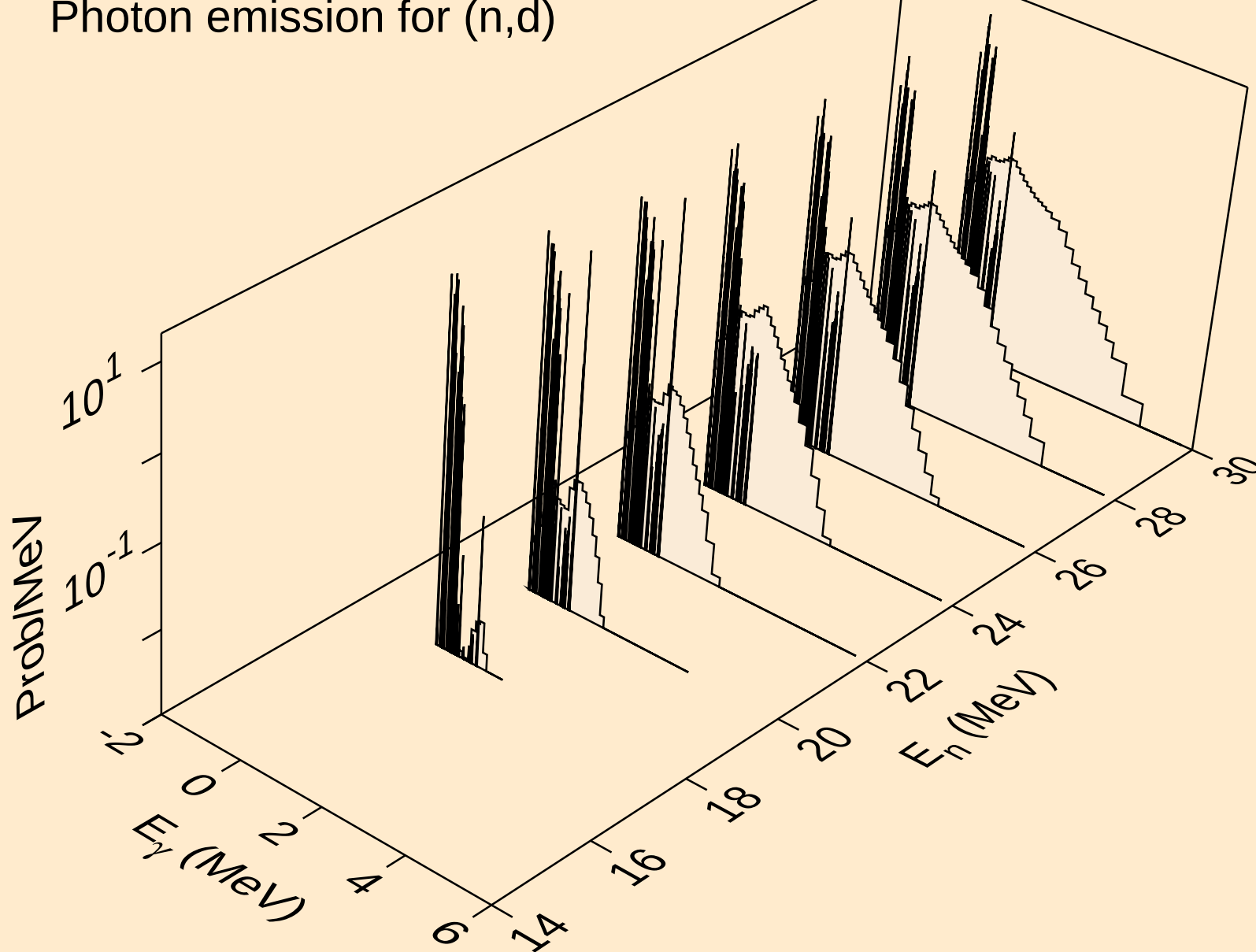


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,p)

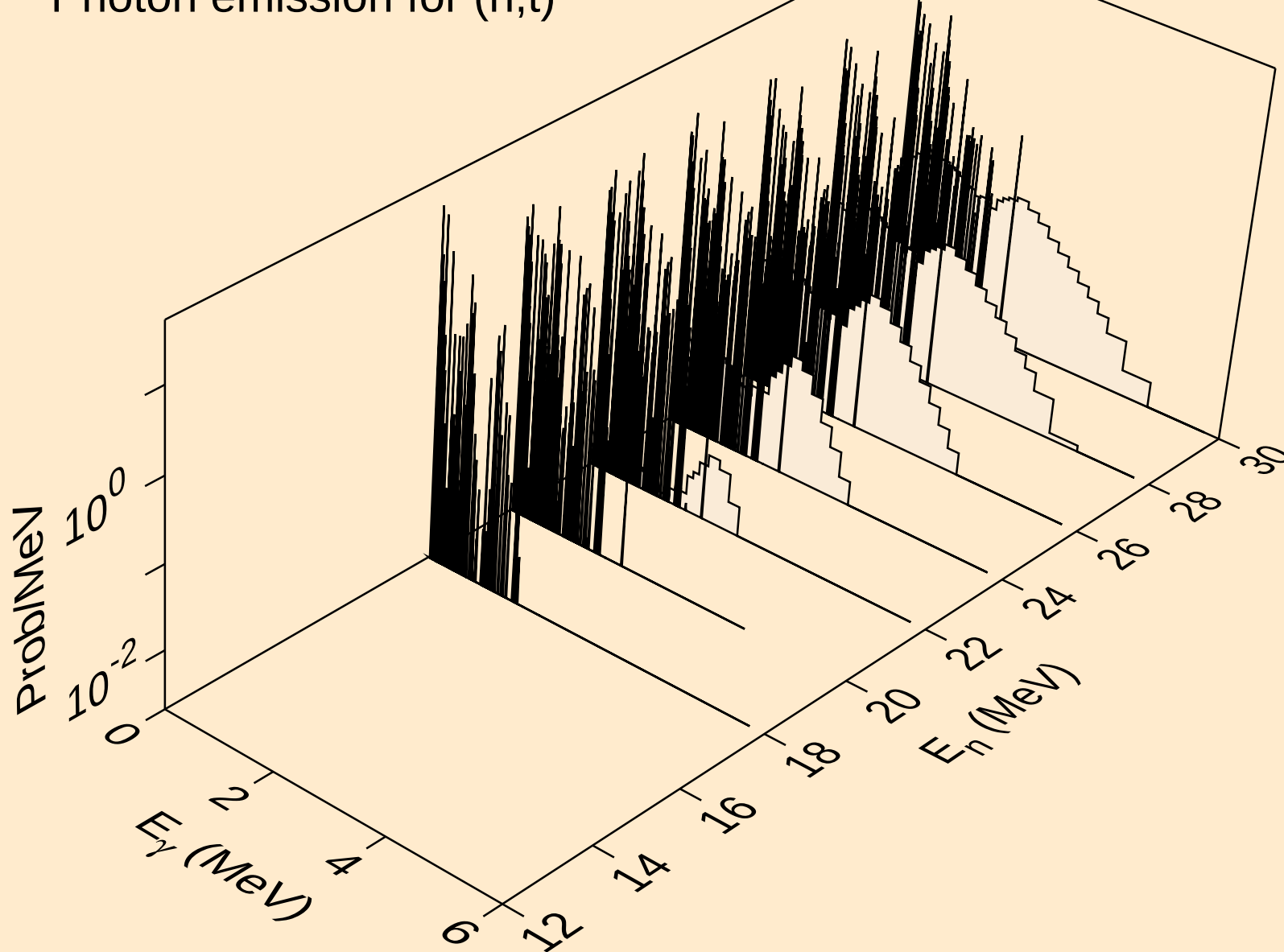


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

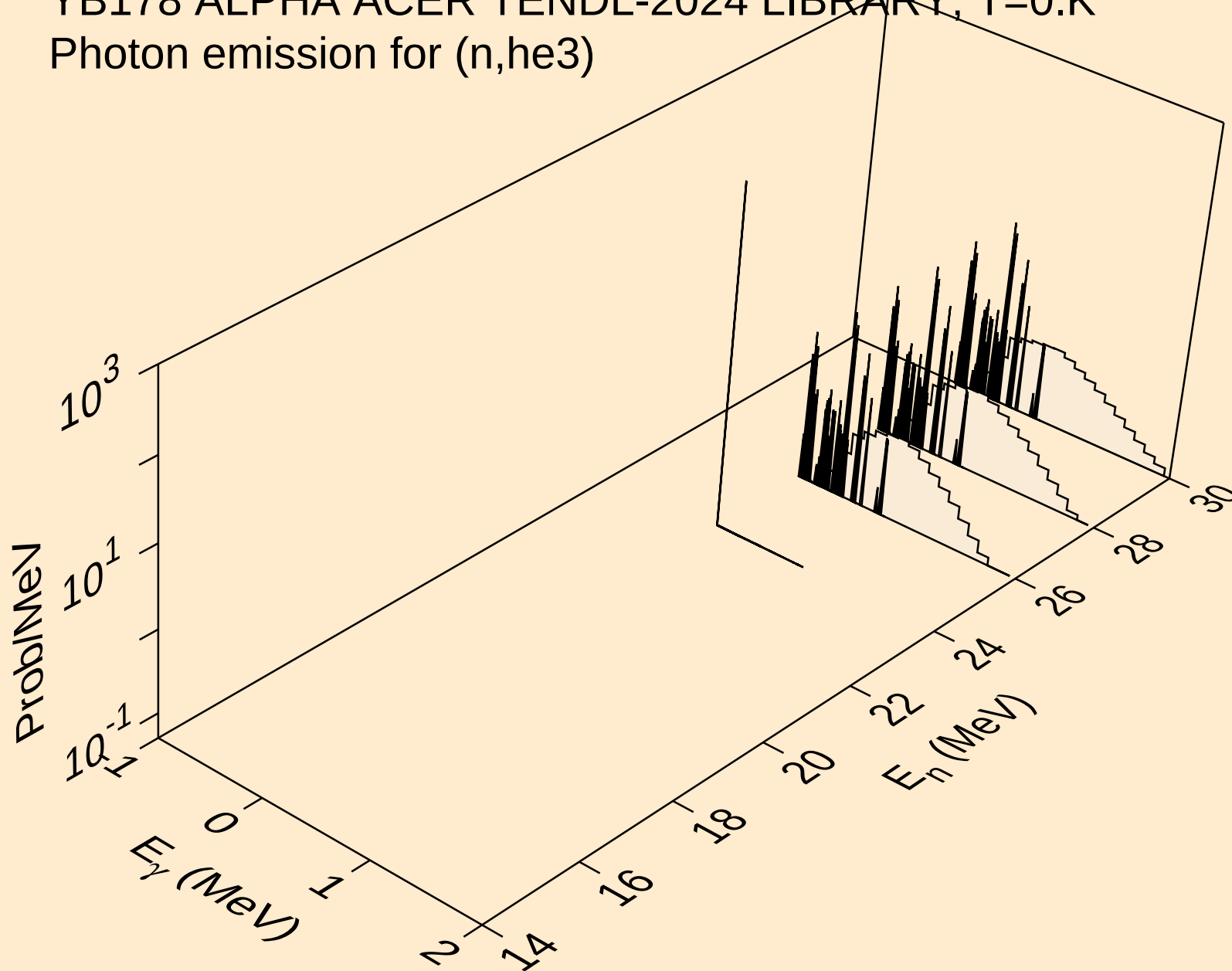


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,t)

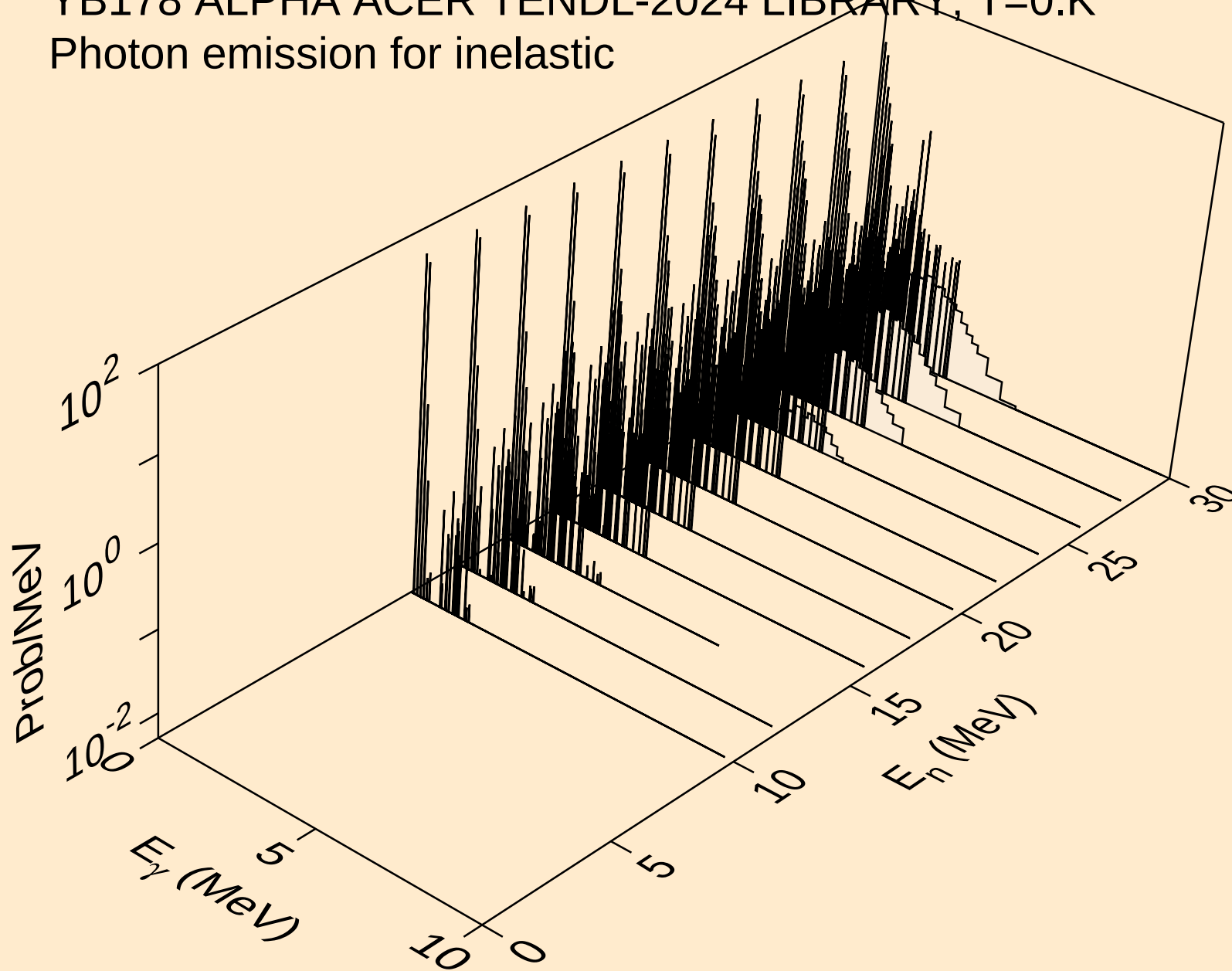


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



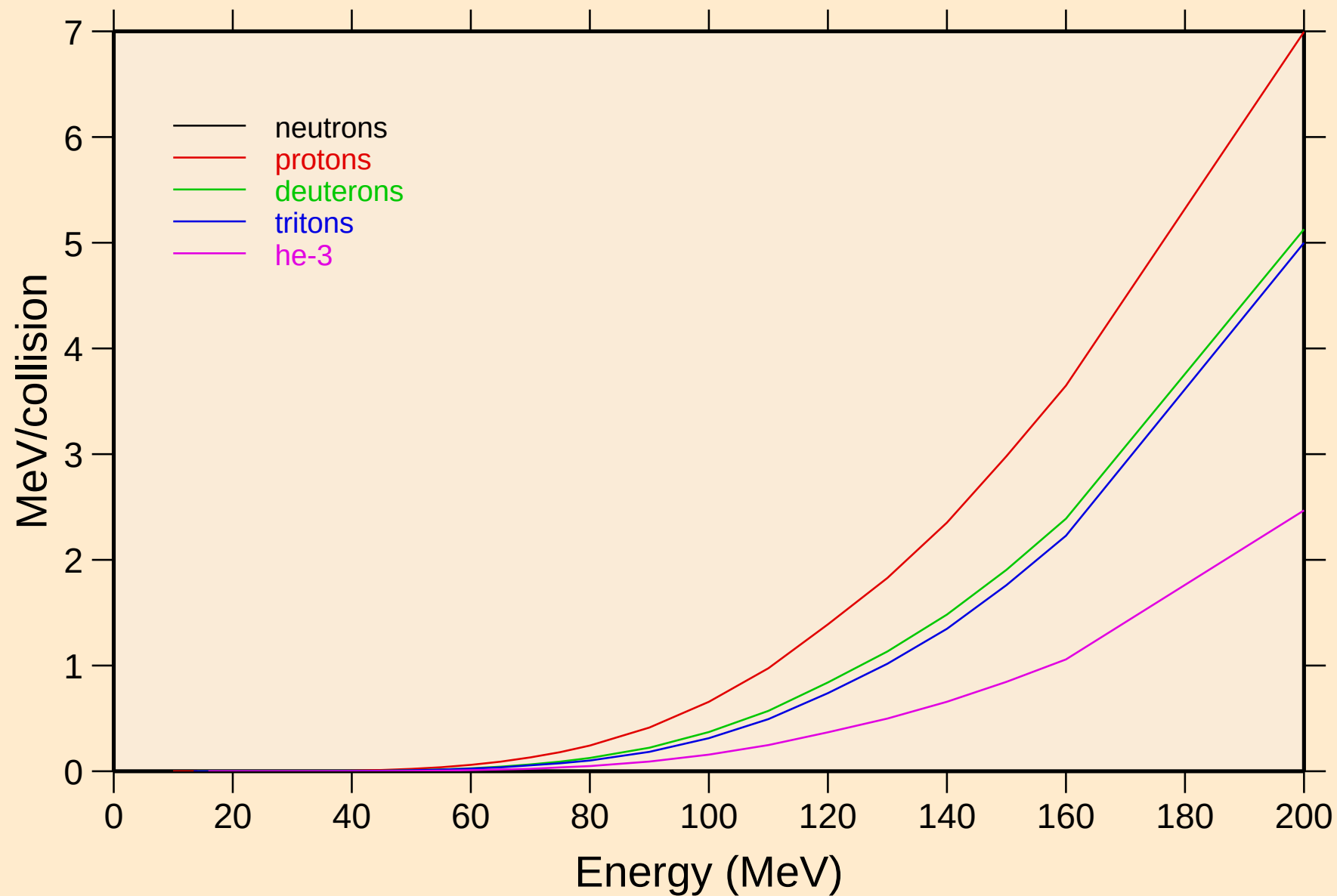


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



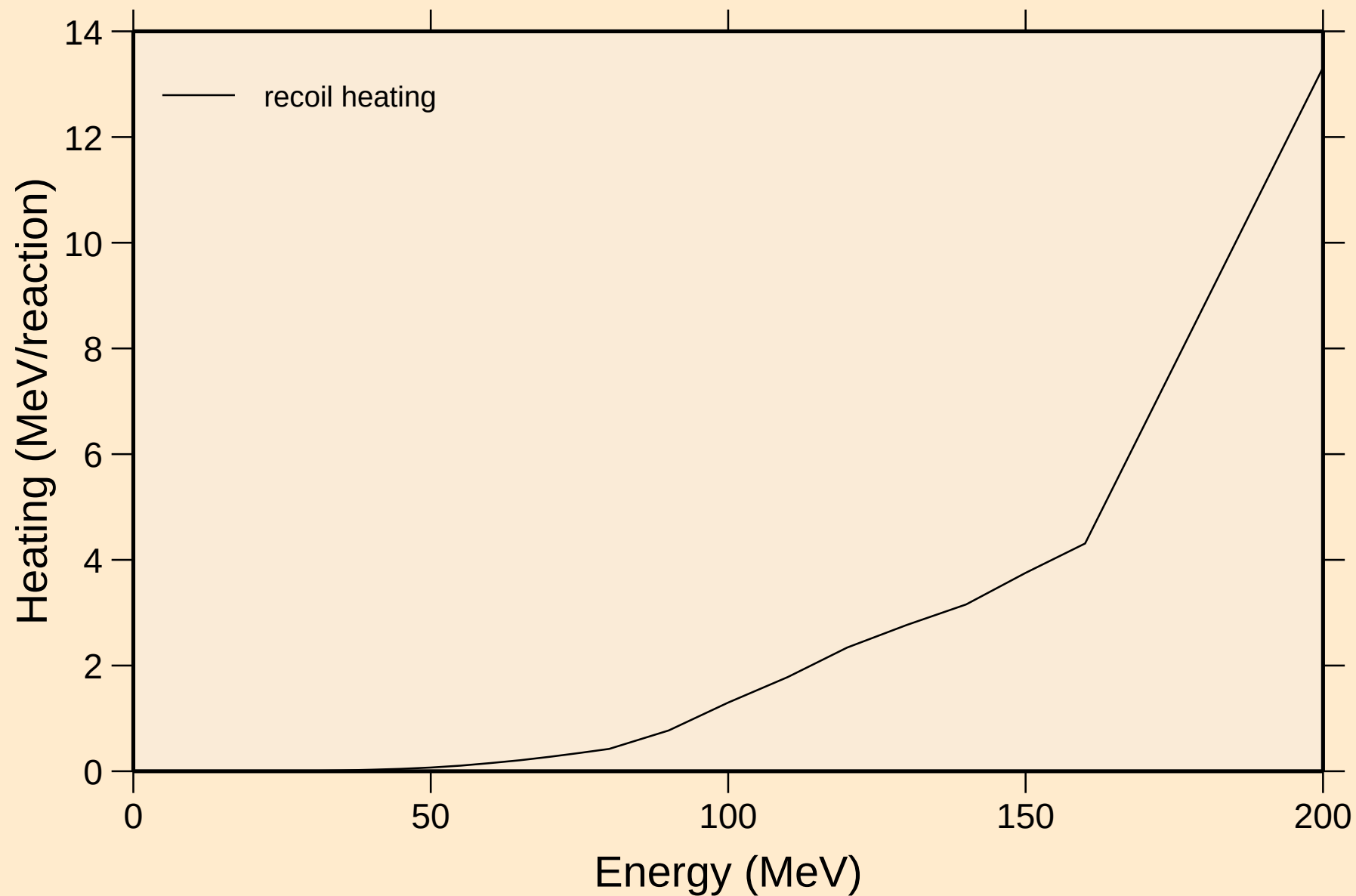
# YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



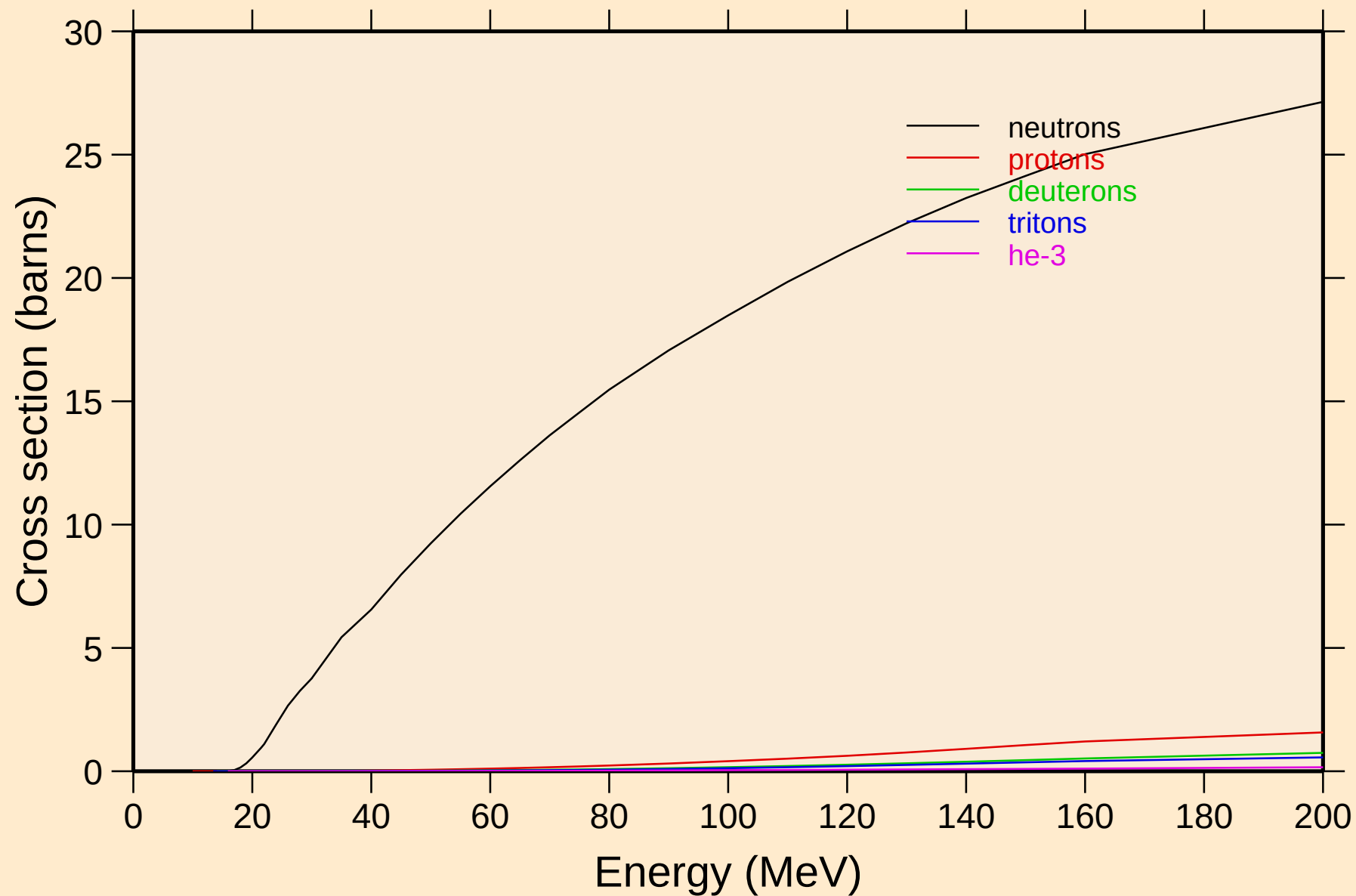
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

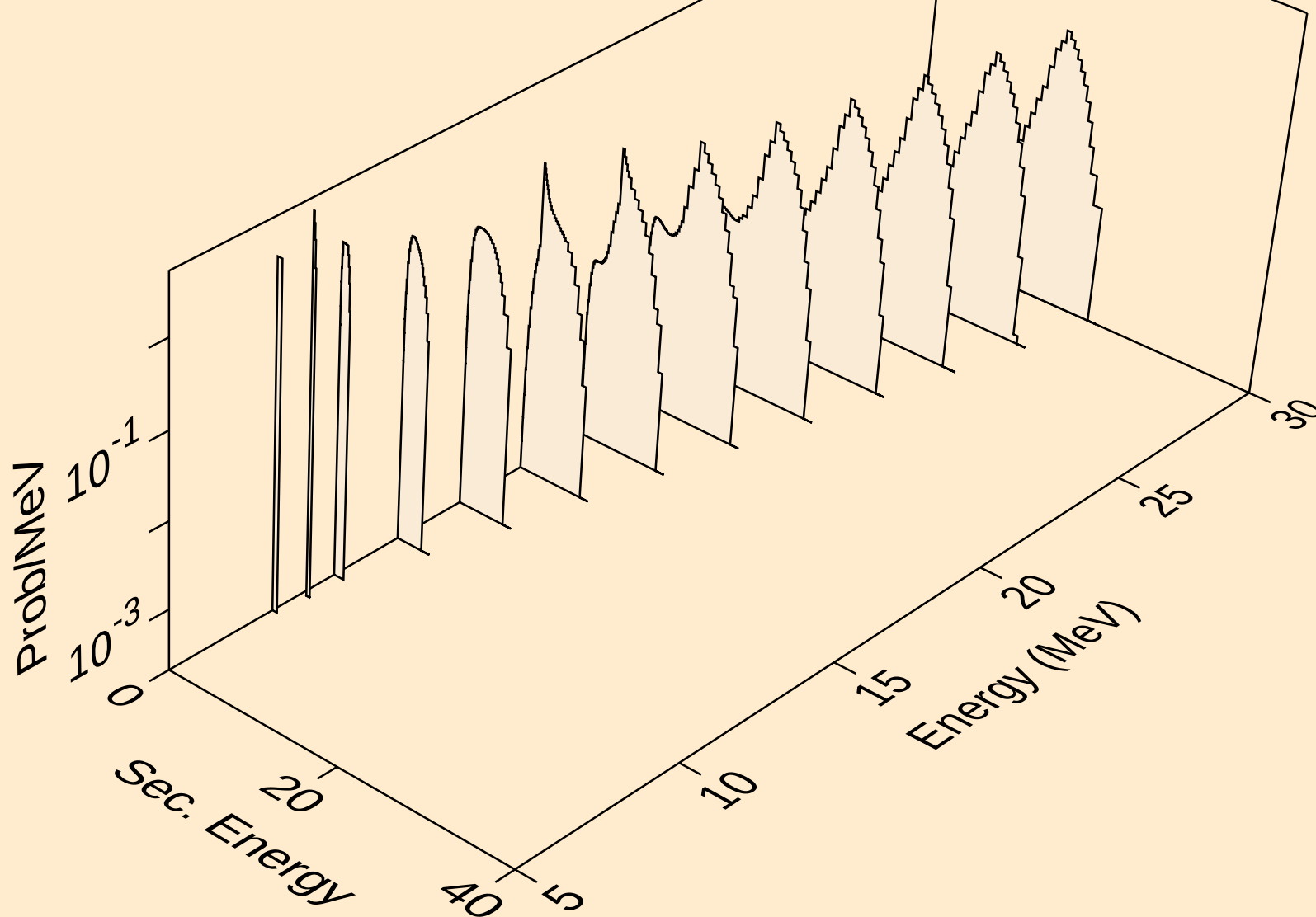


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

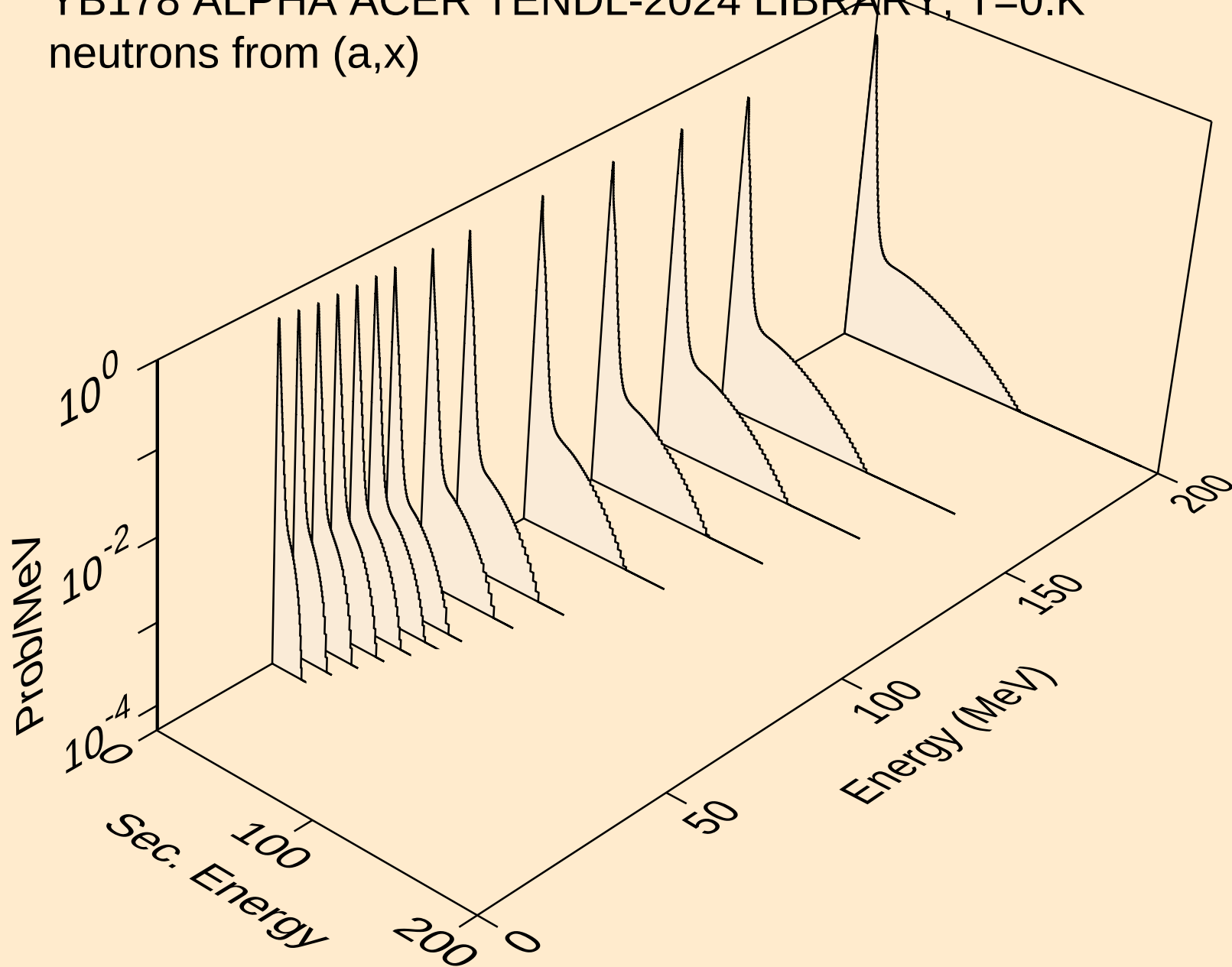
Particle production cross sections



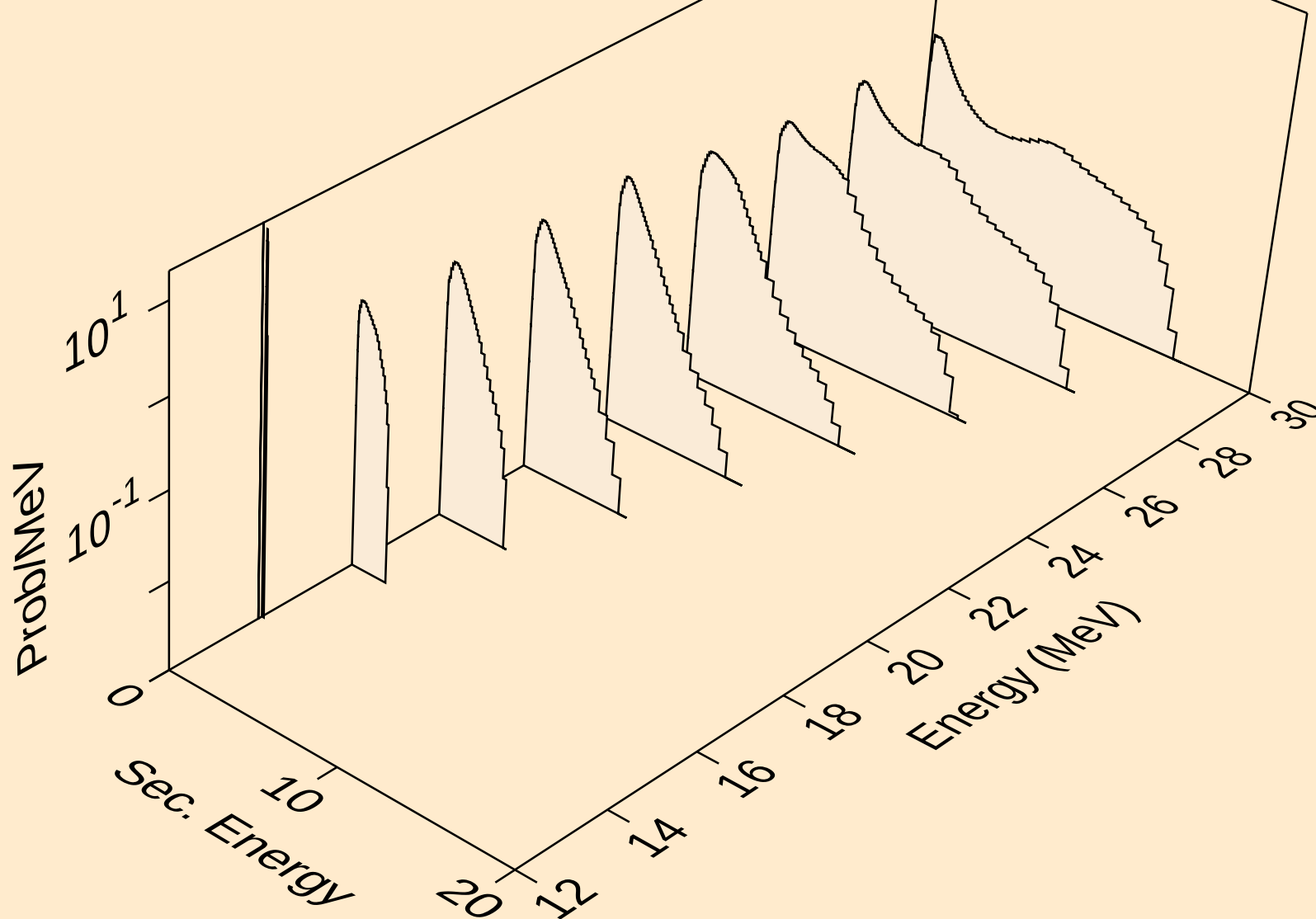
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



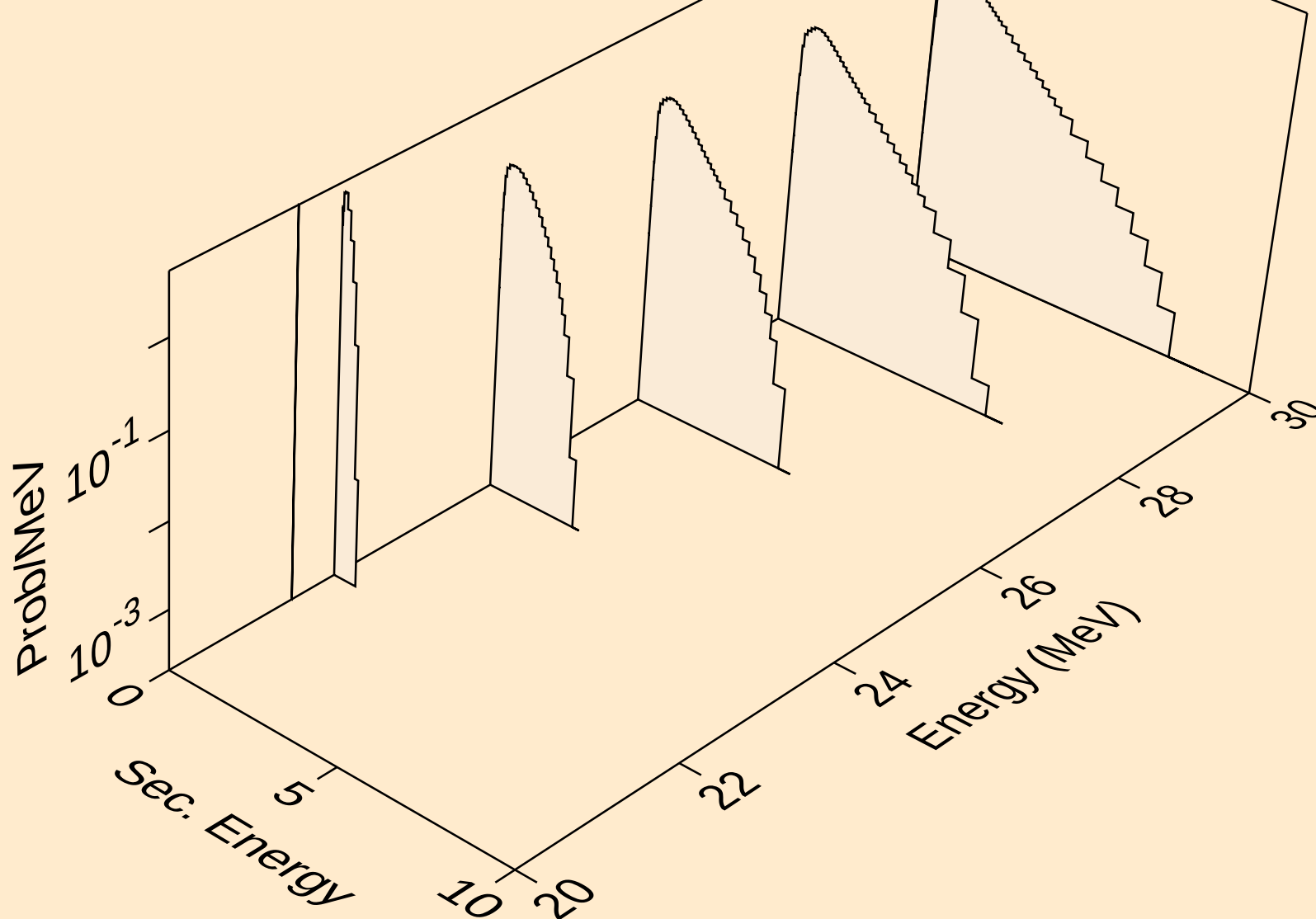
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)

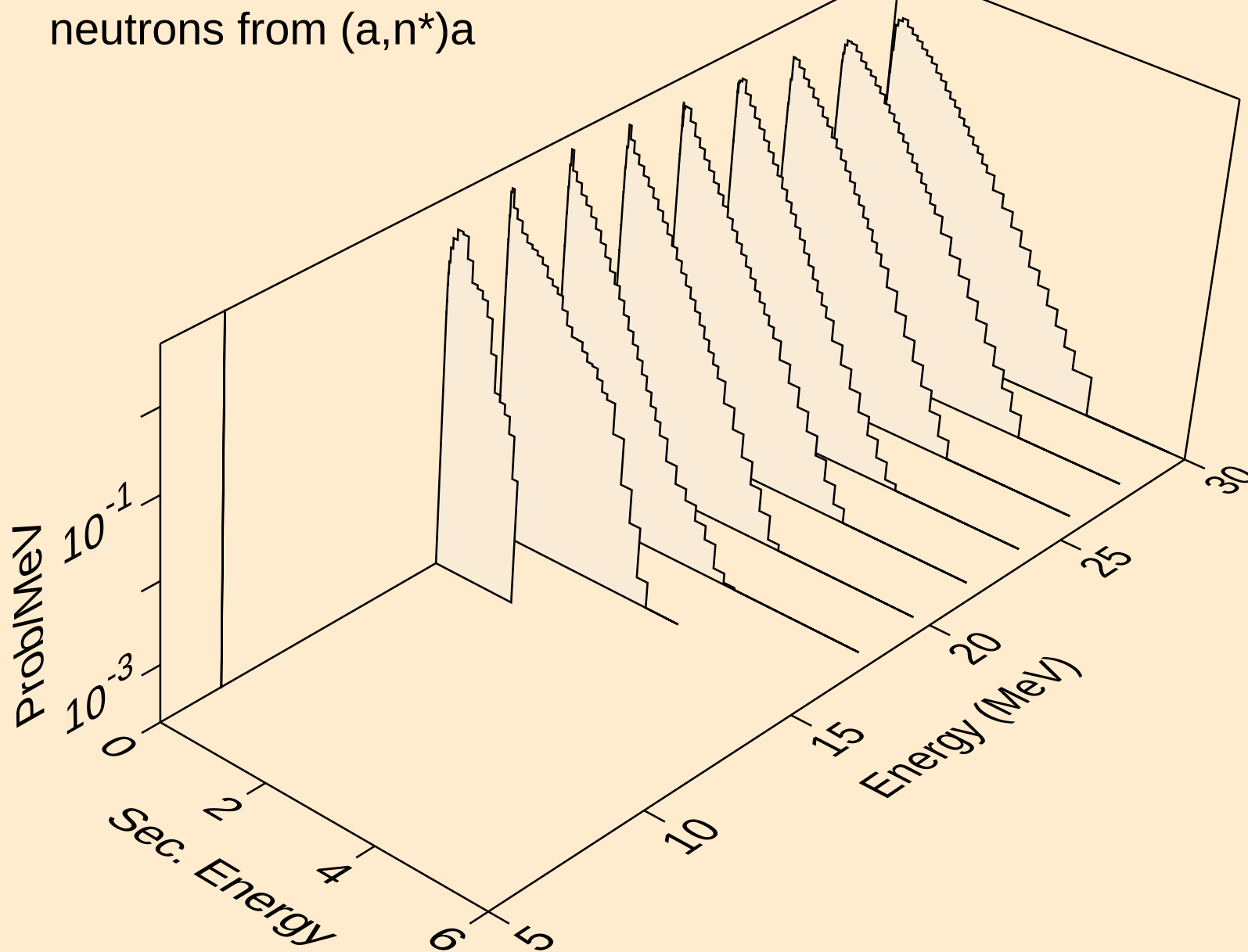


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)

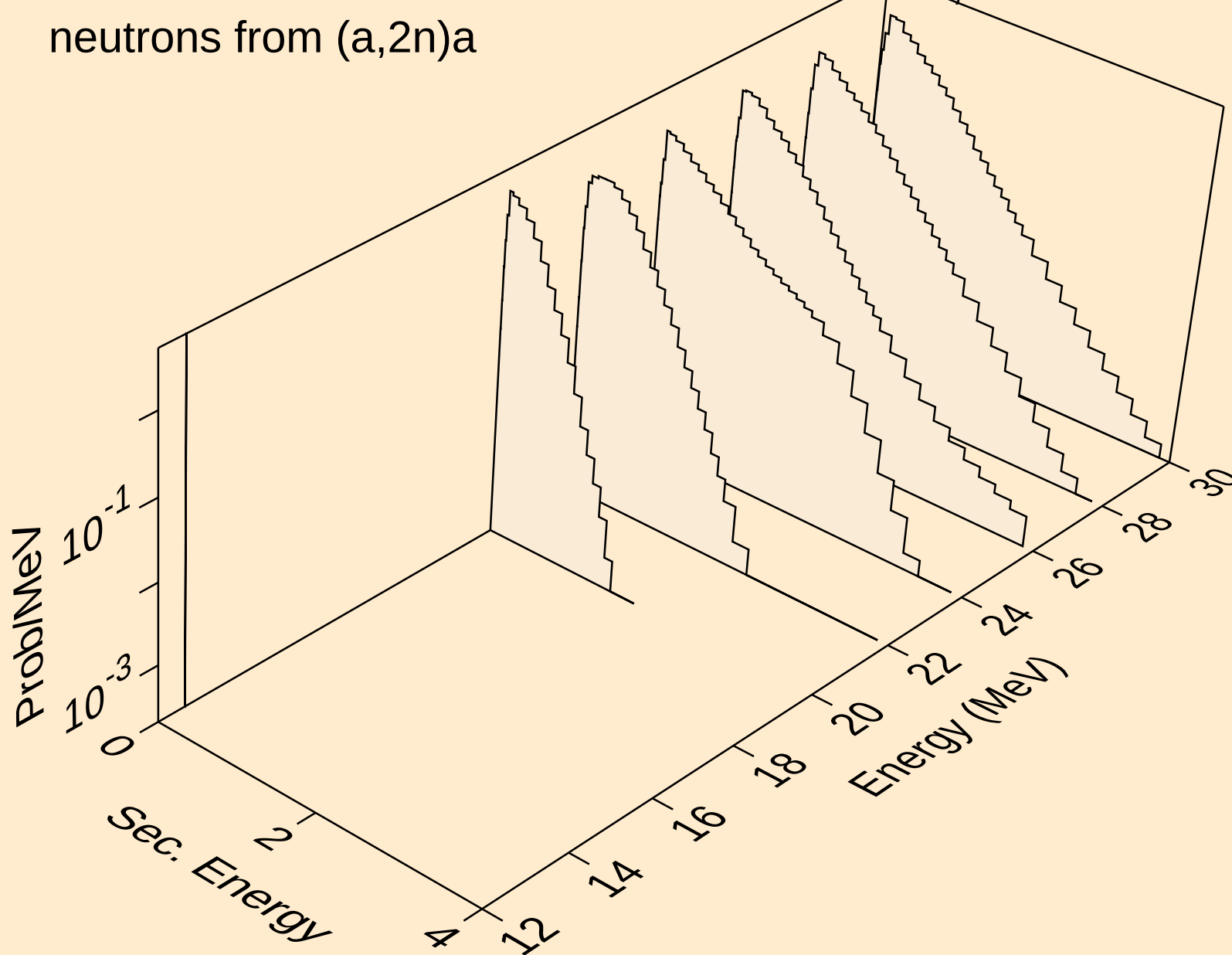




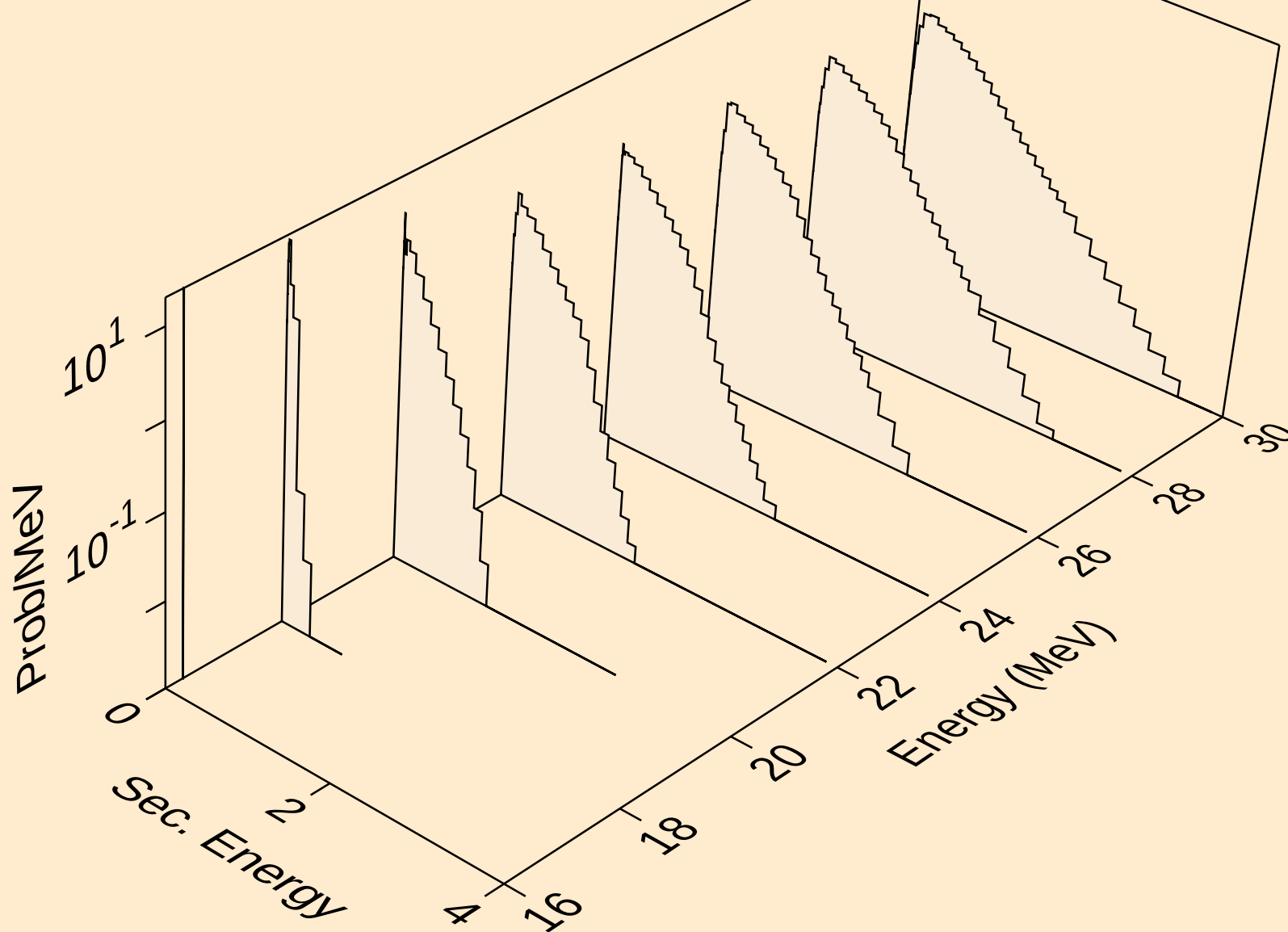
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



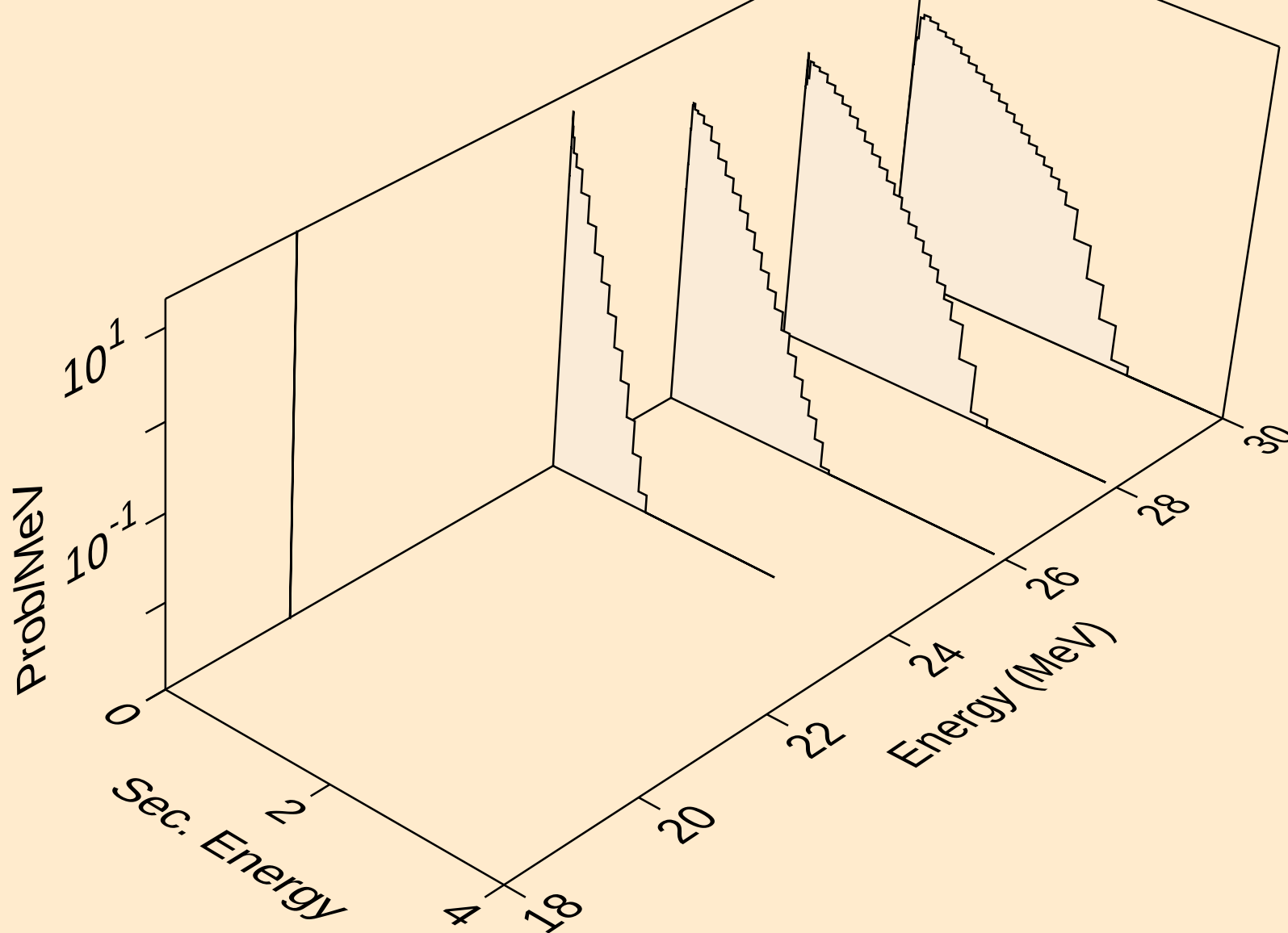
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



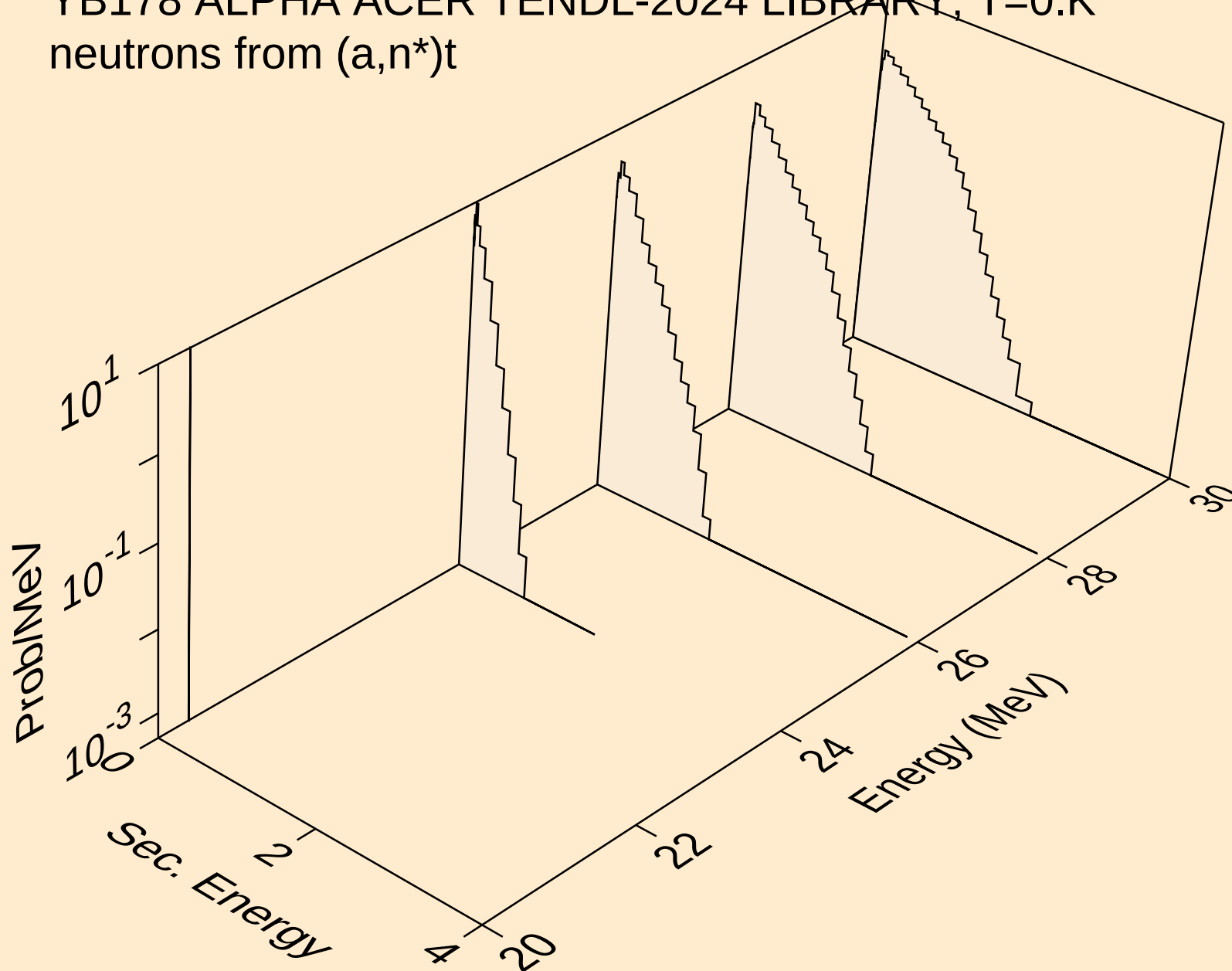
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



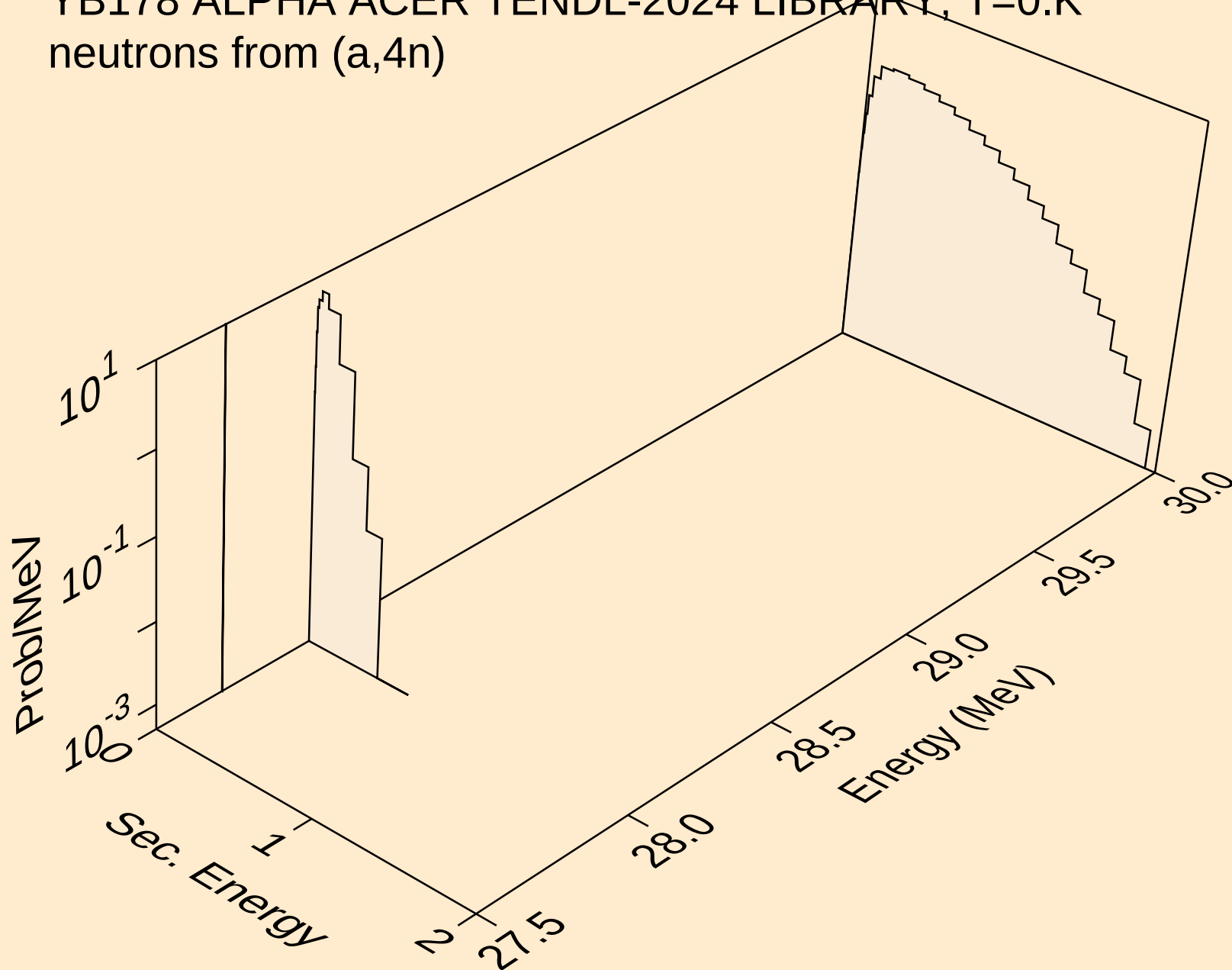
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



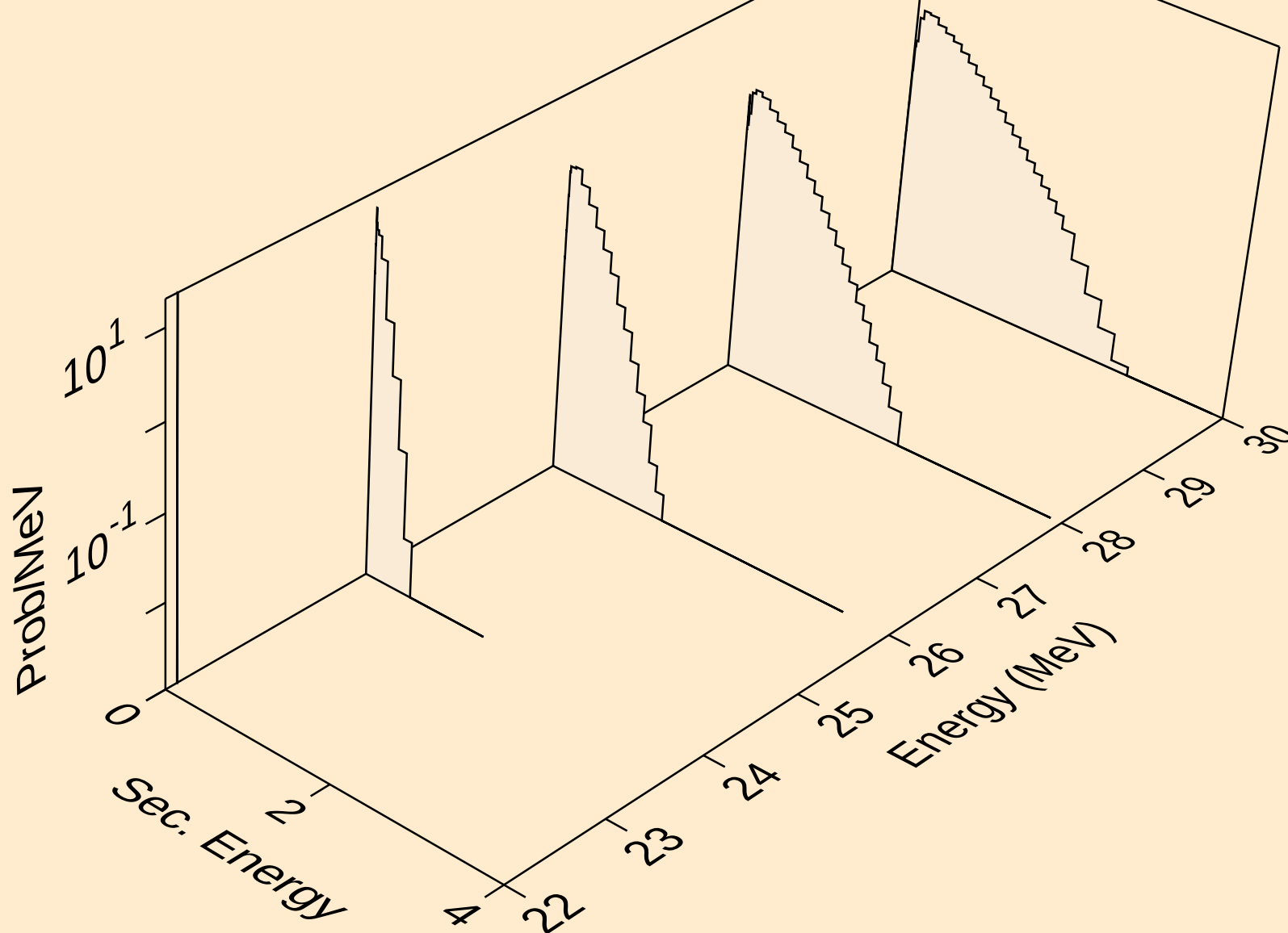
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



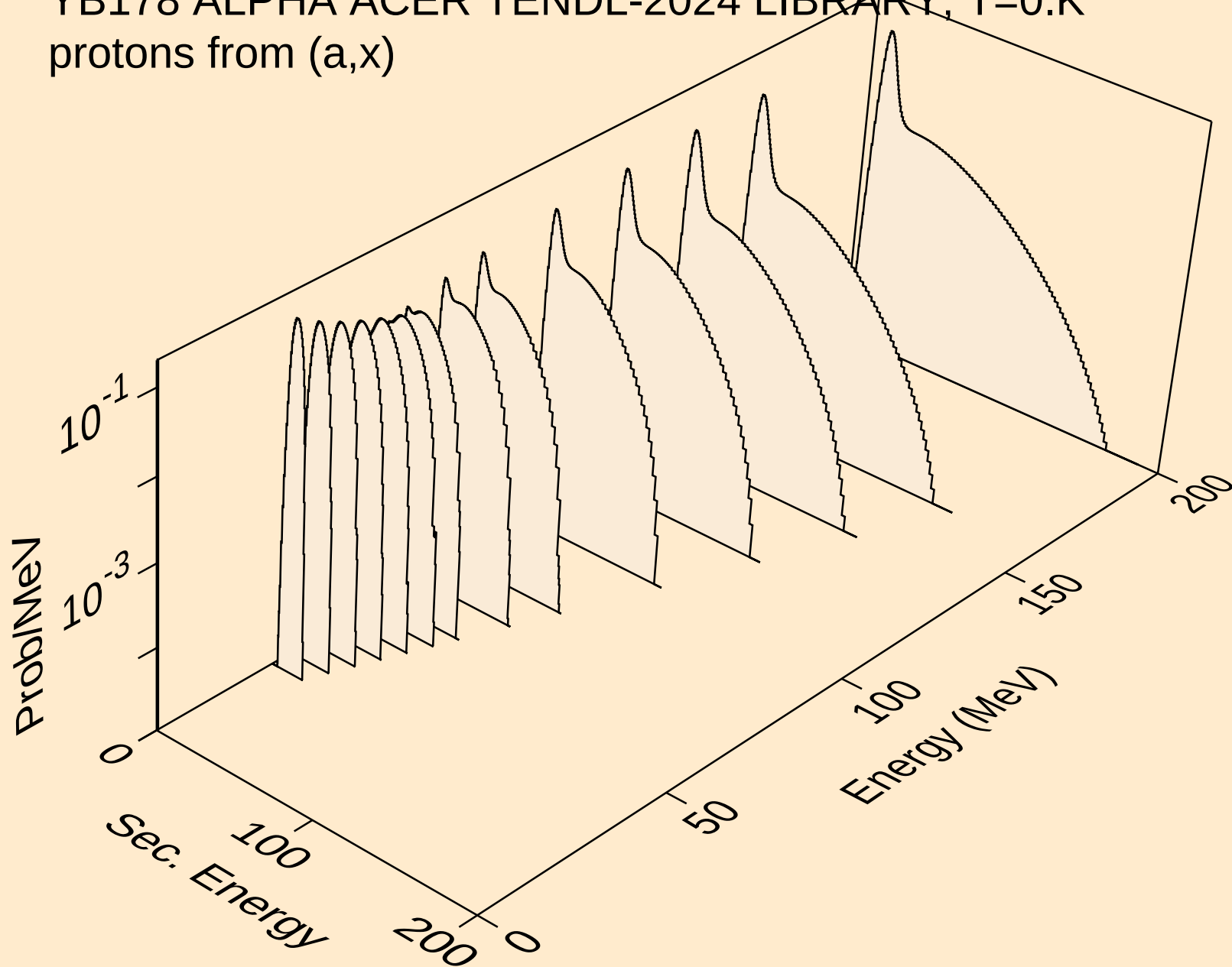
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,4n)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)

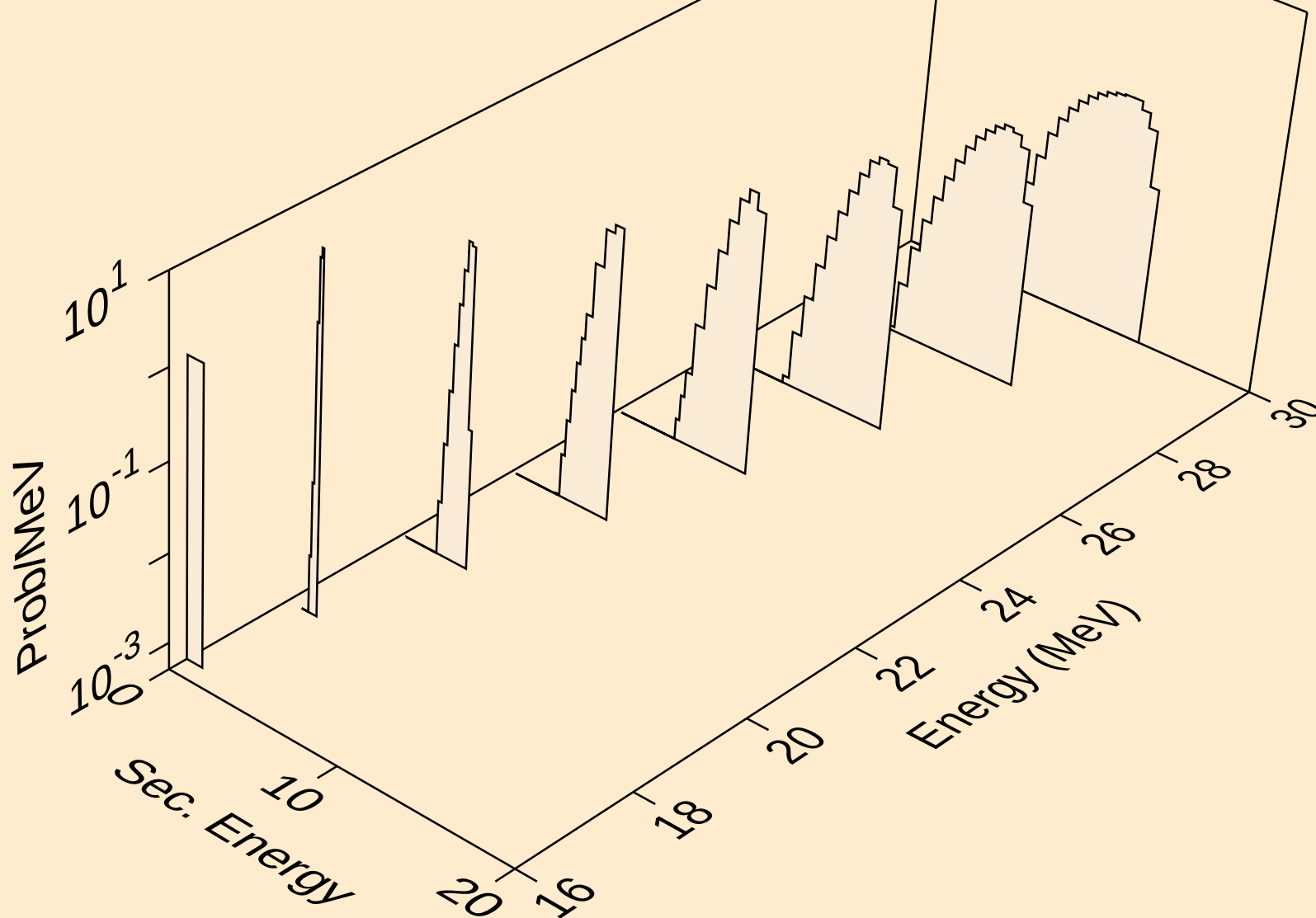


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)

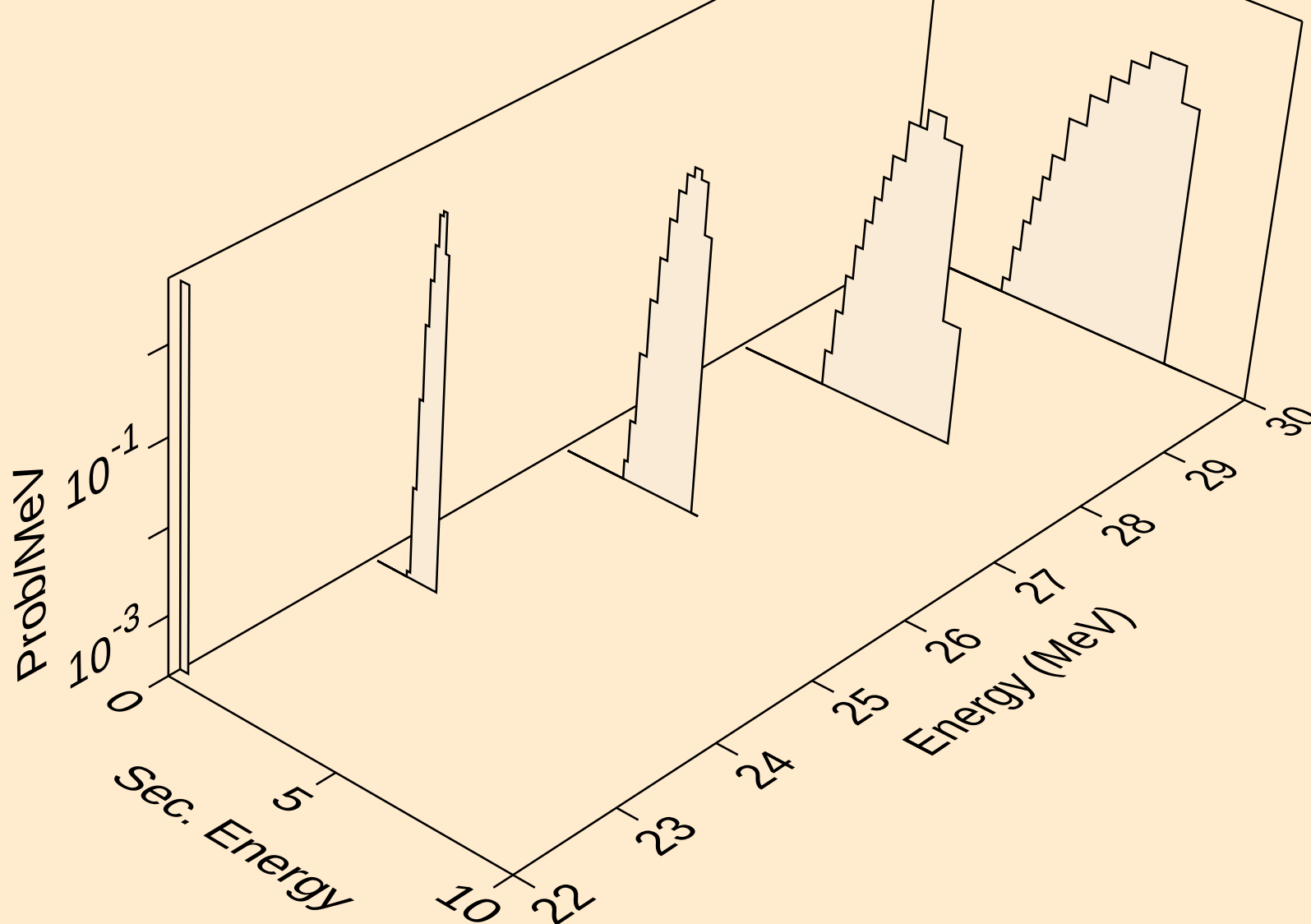




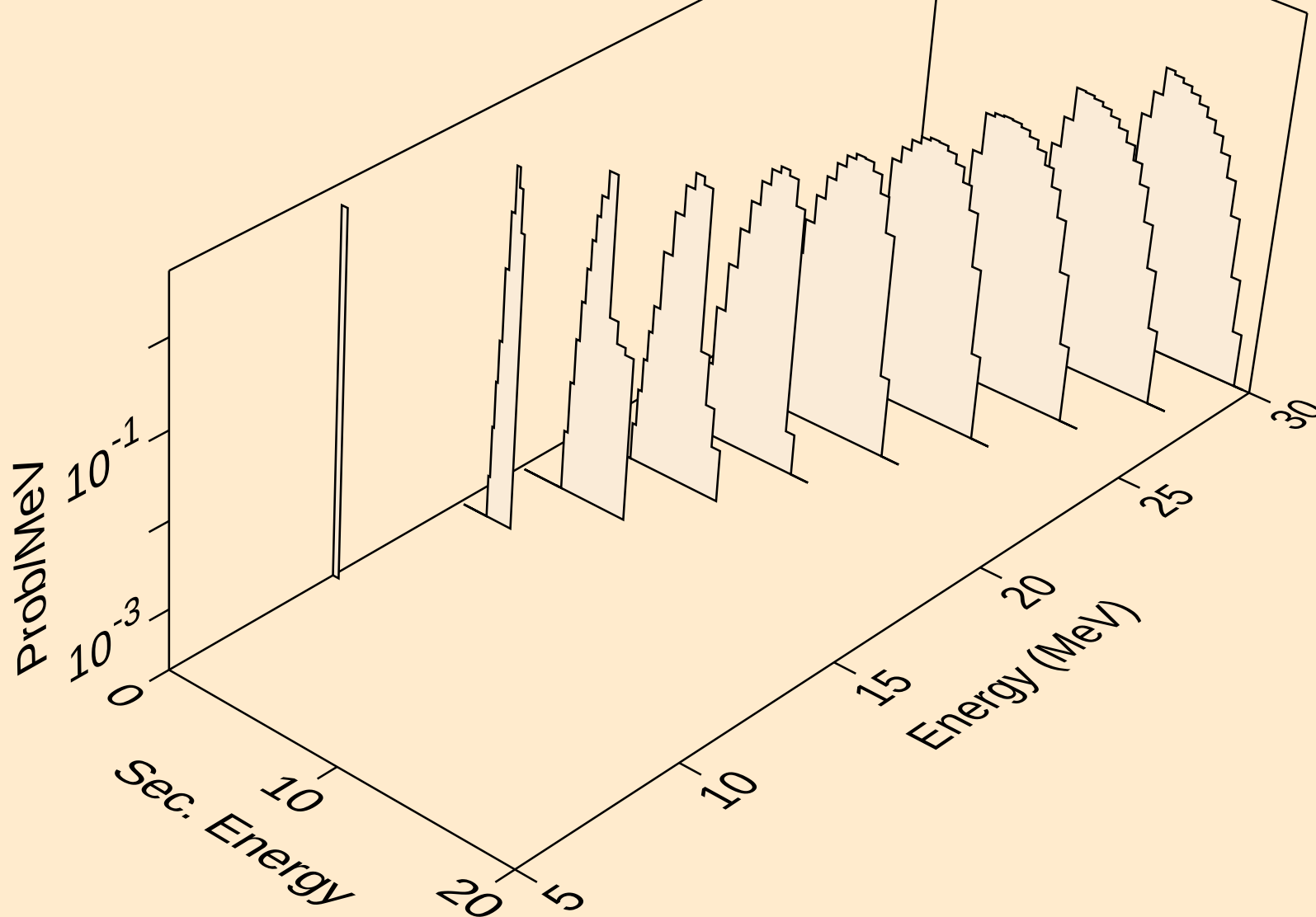
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



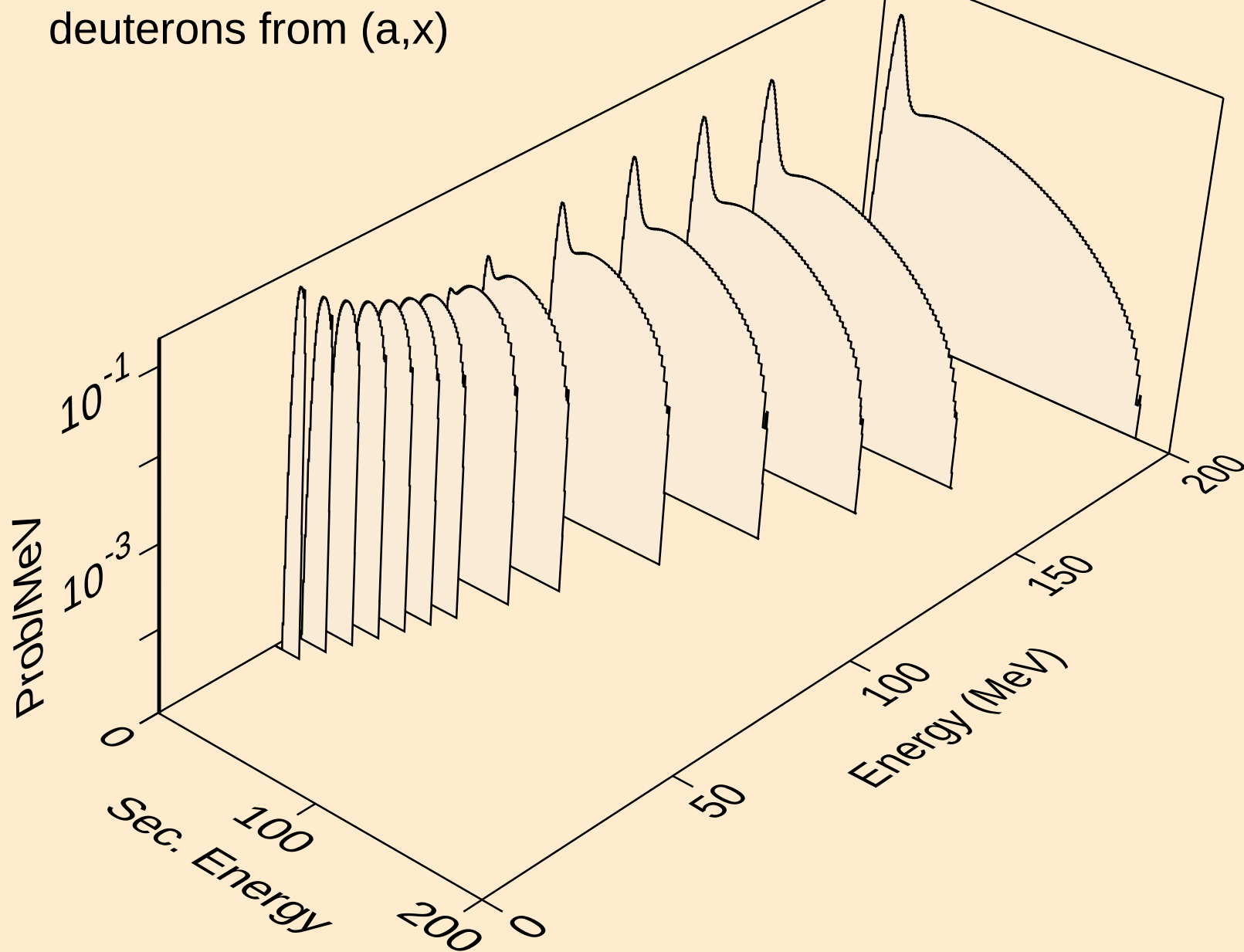
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)



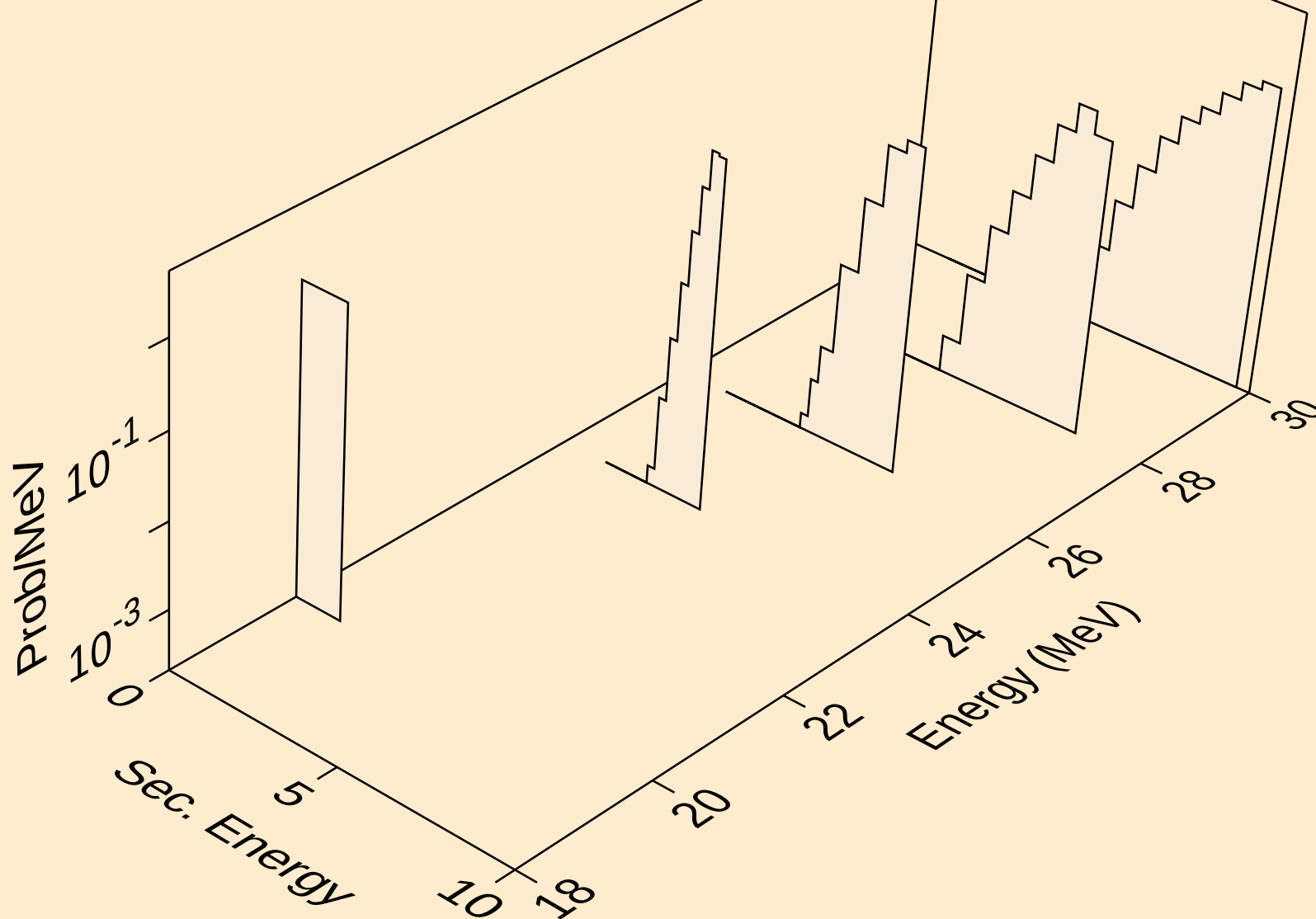
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



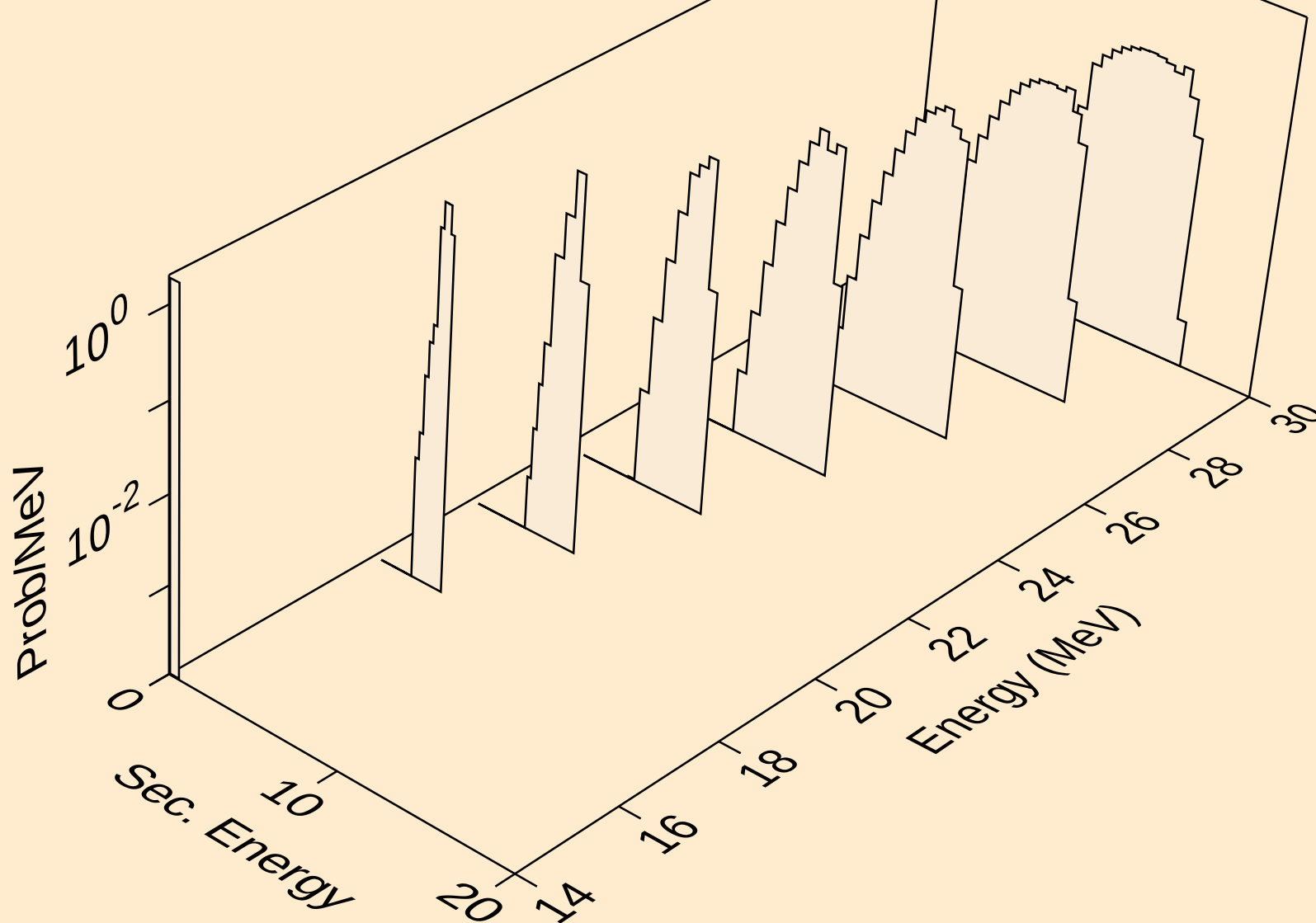
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



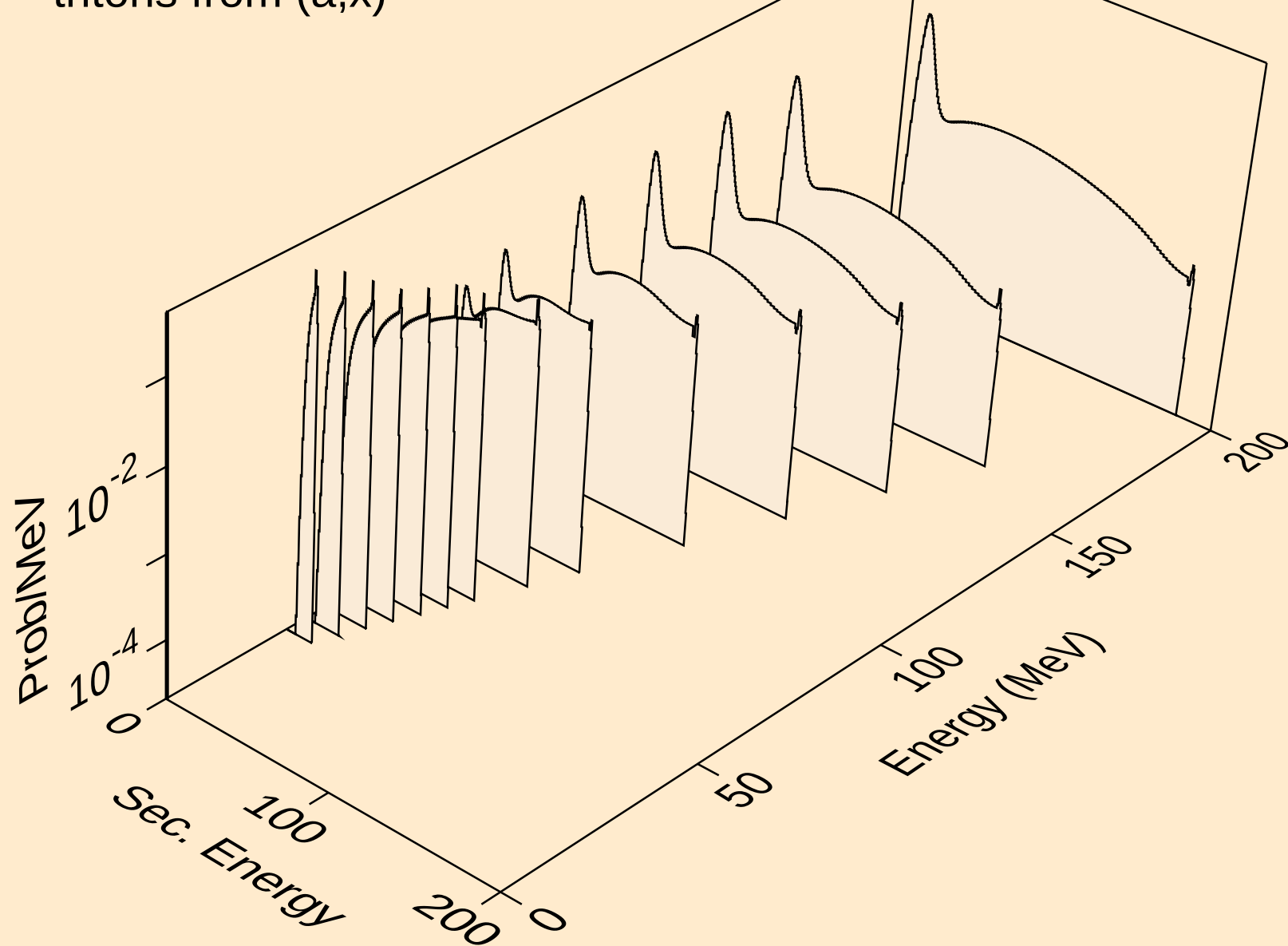
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



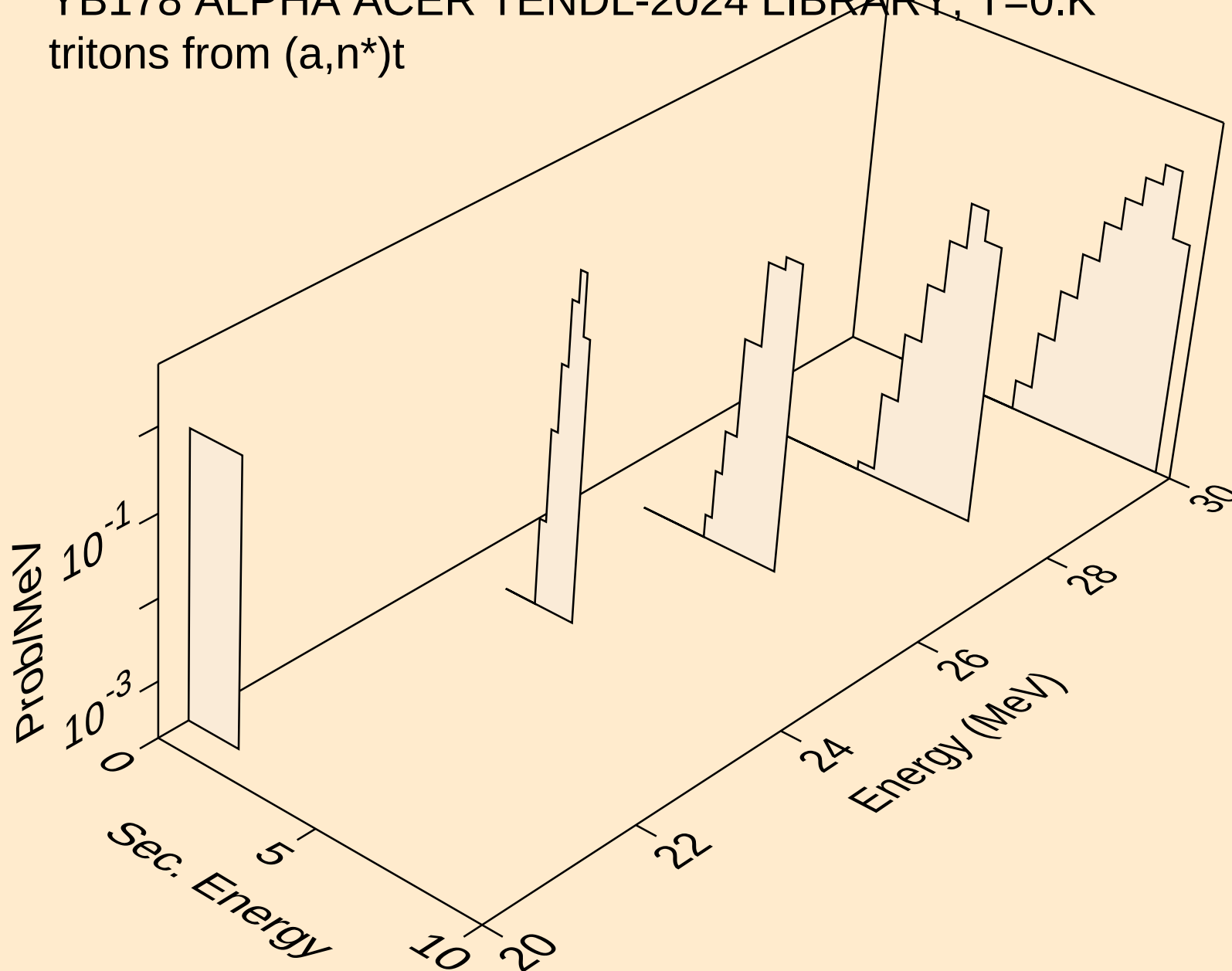
YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)

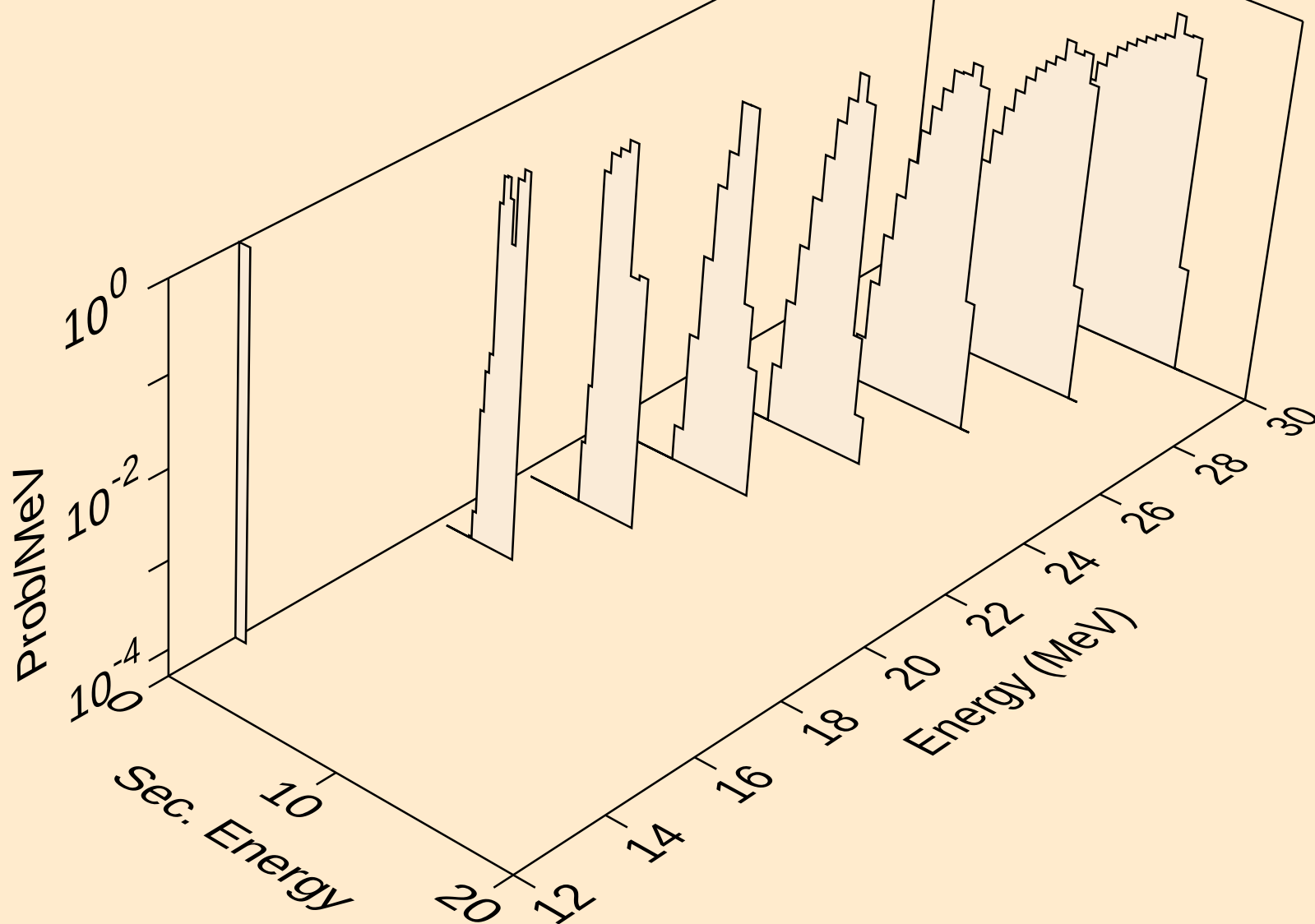


YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t

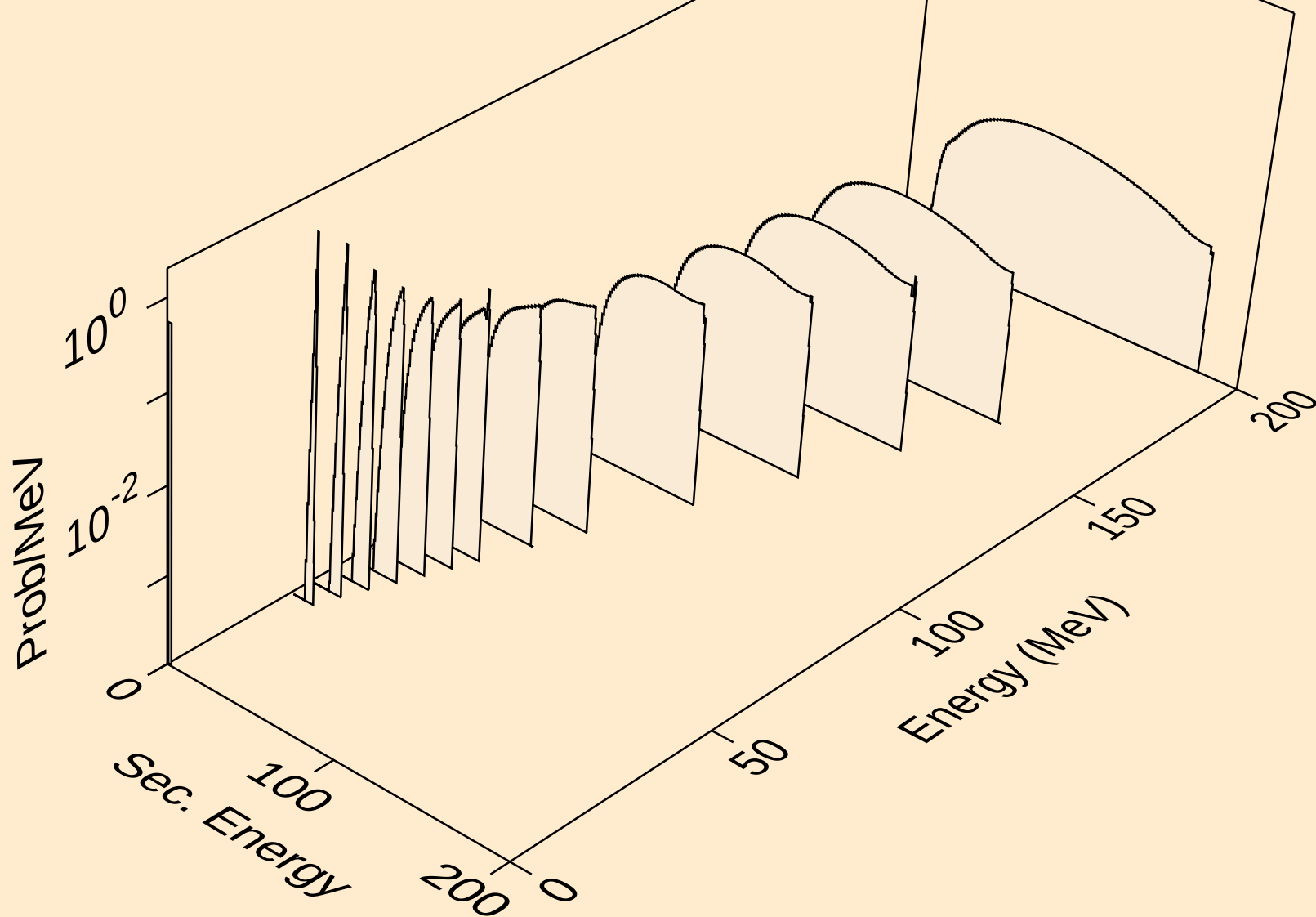




YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



YB178 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

