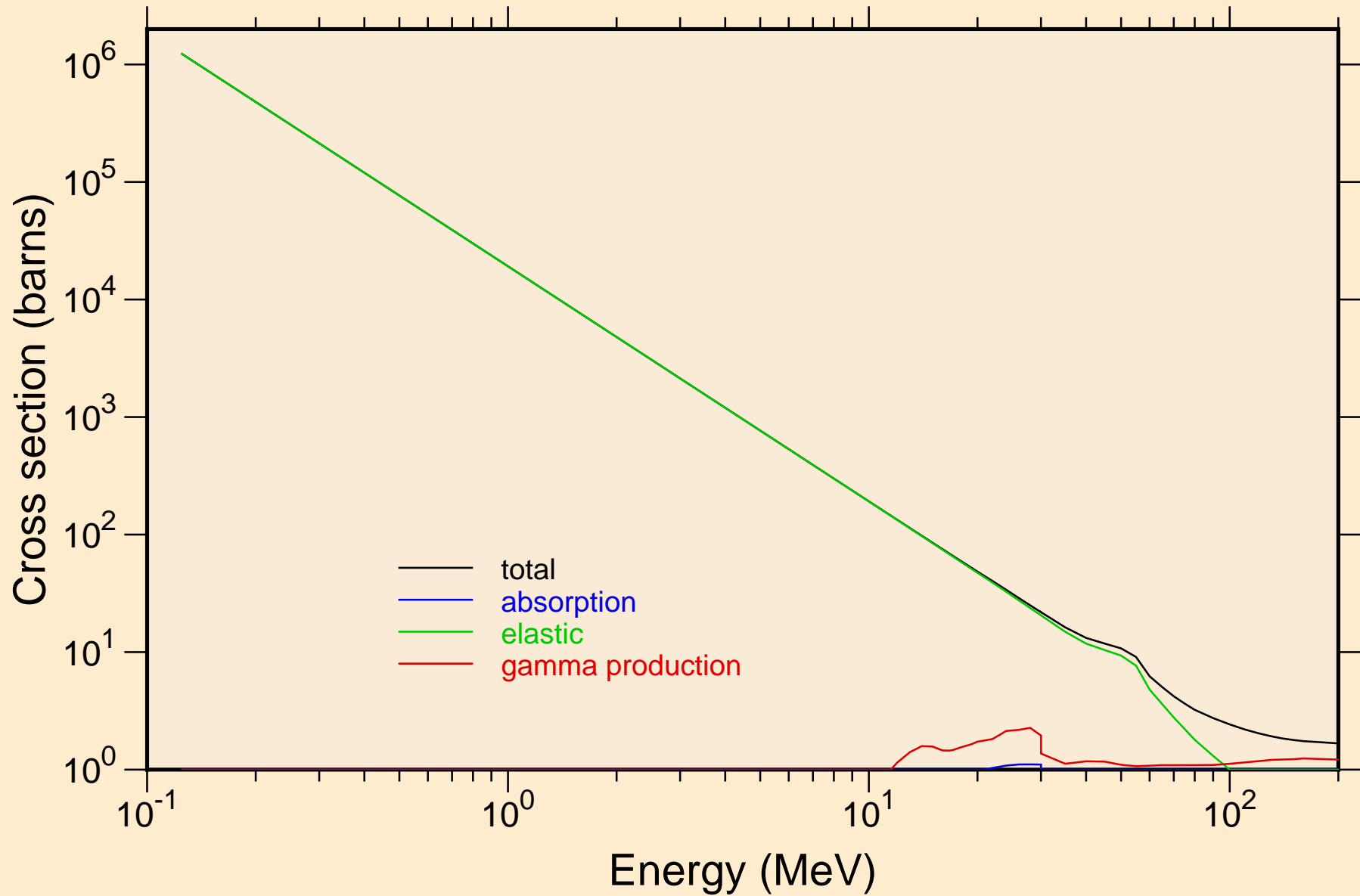
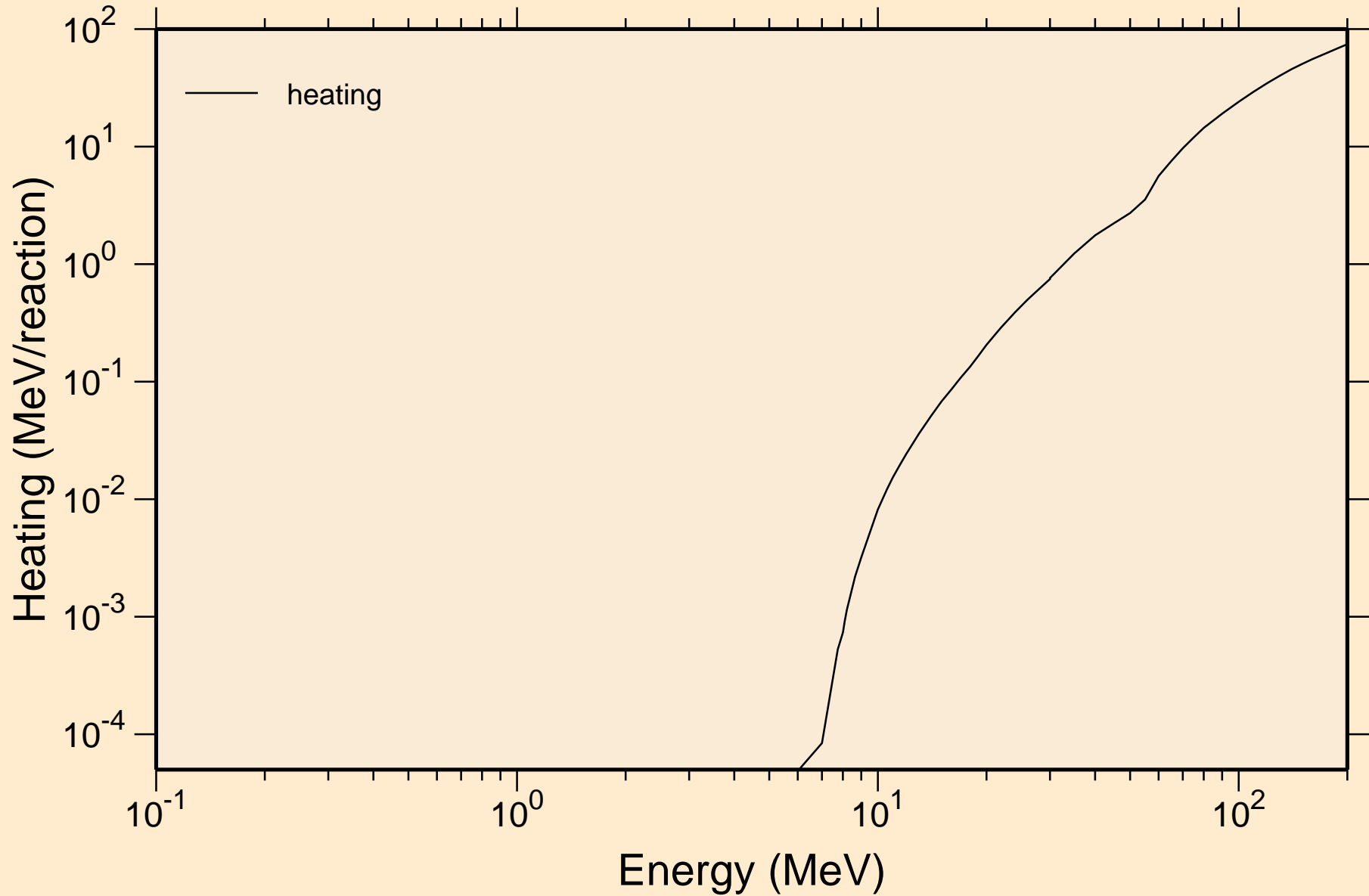


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



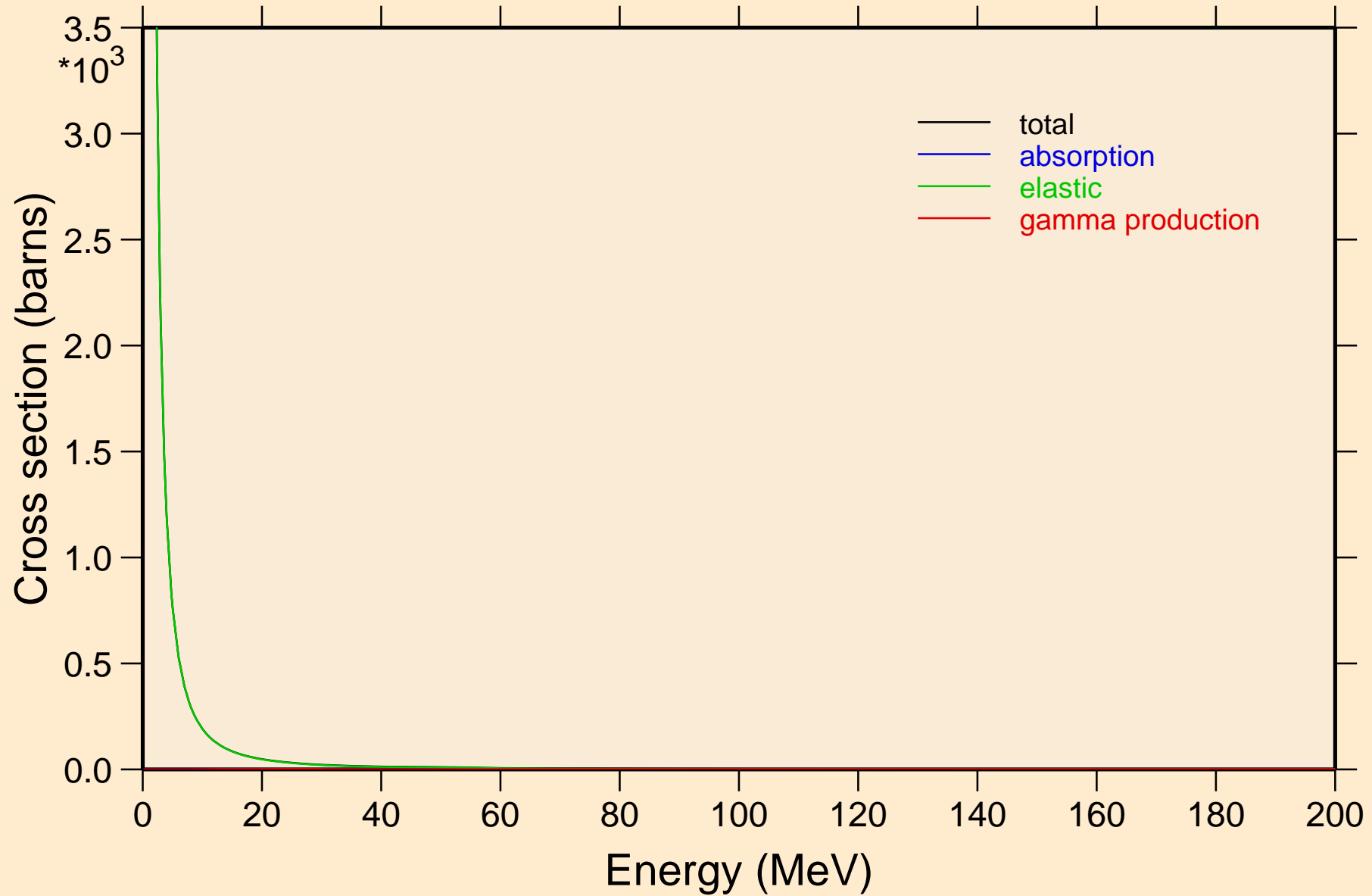
# FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



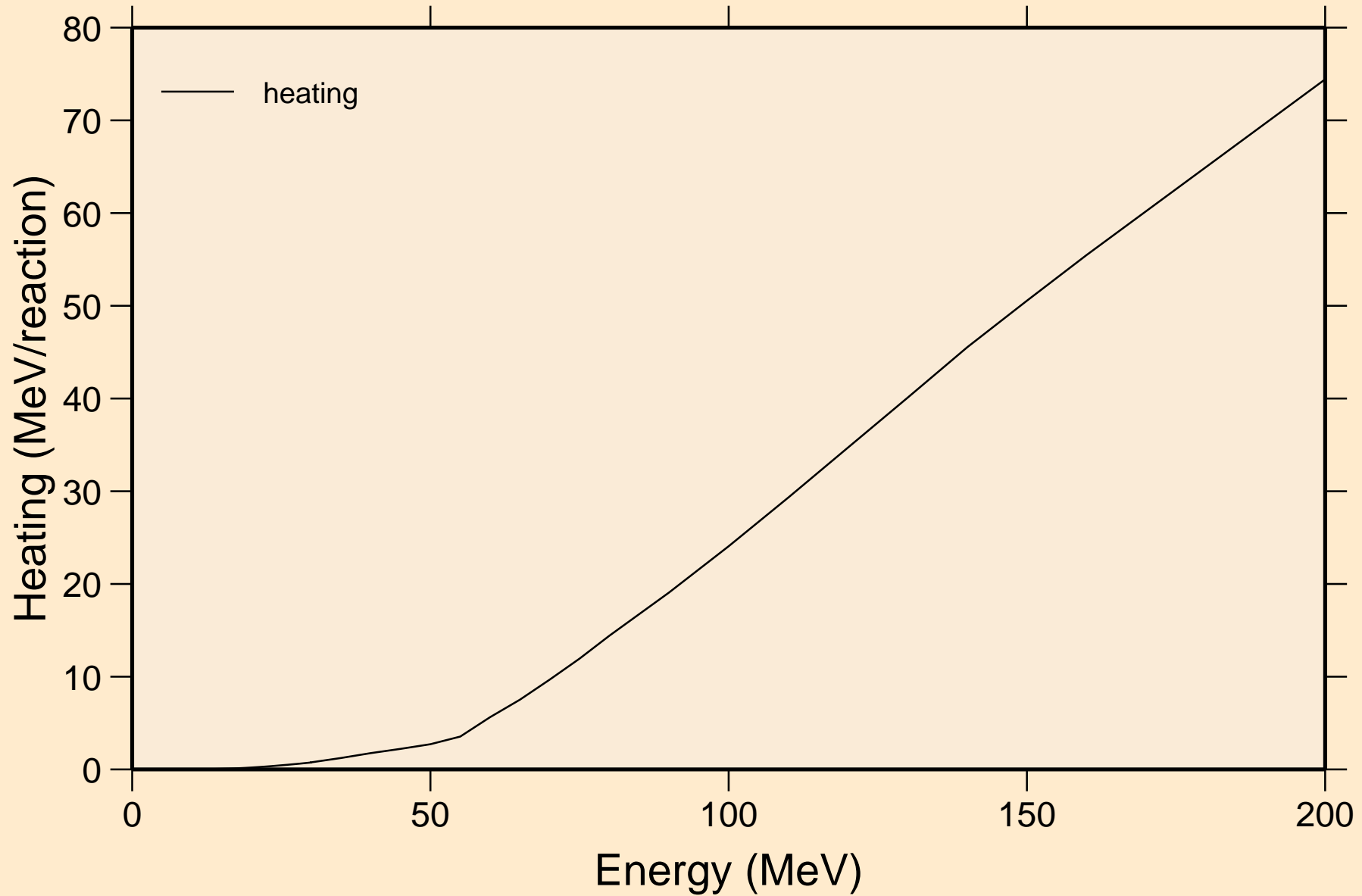
# FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

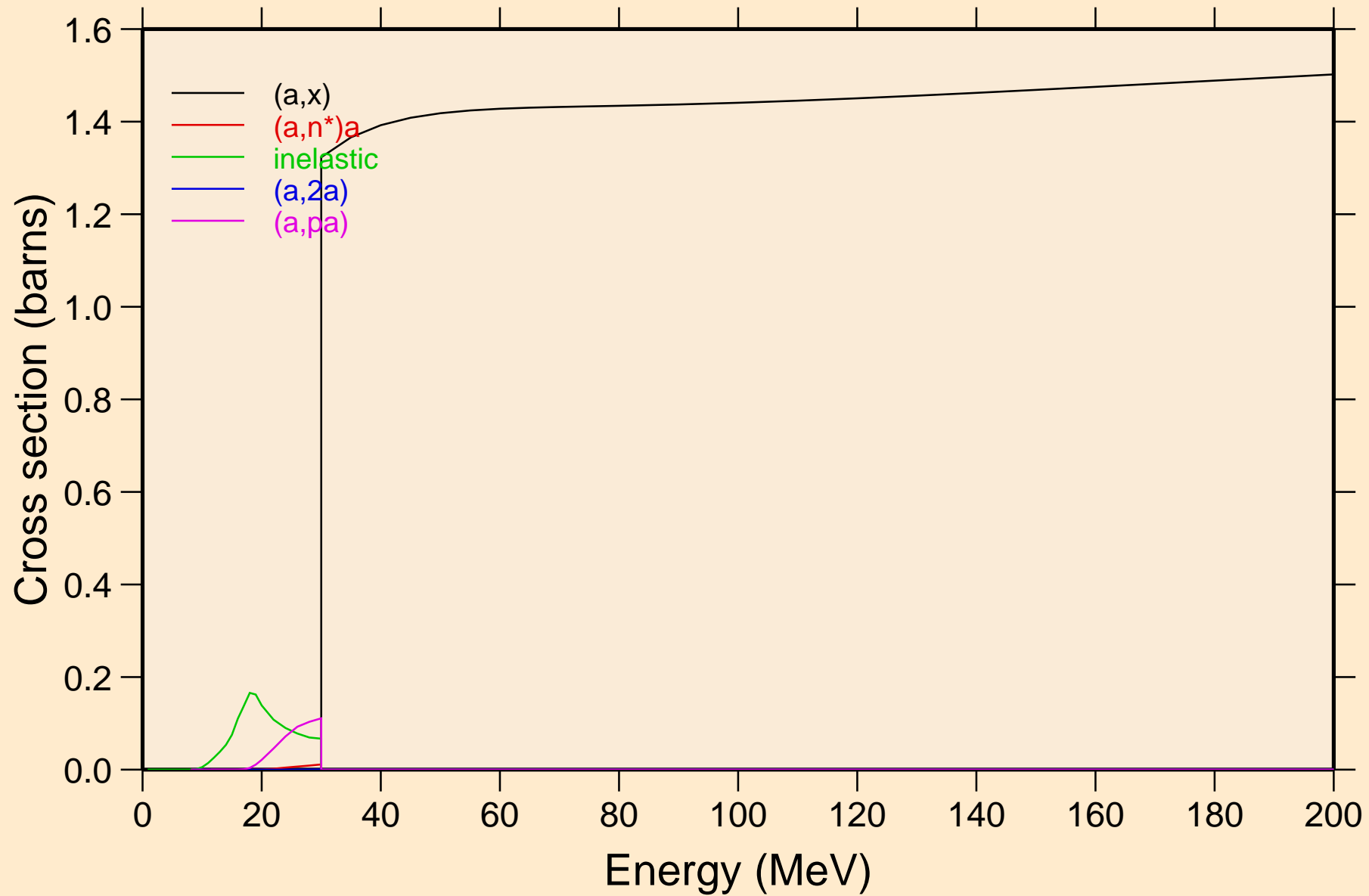


# FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

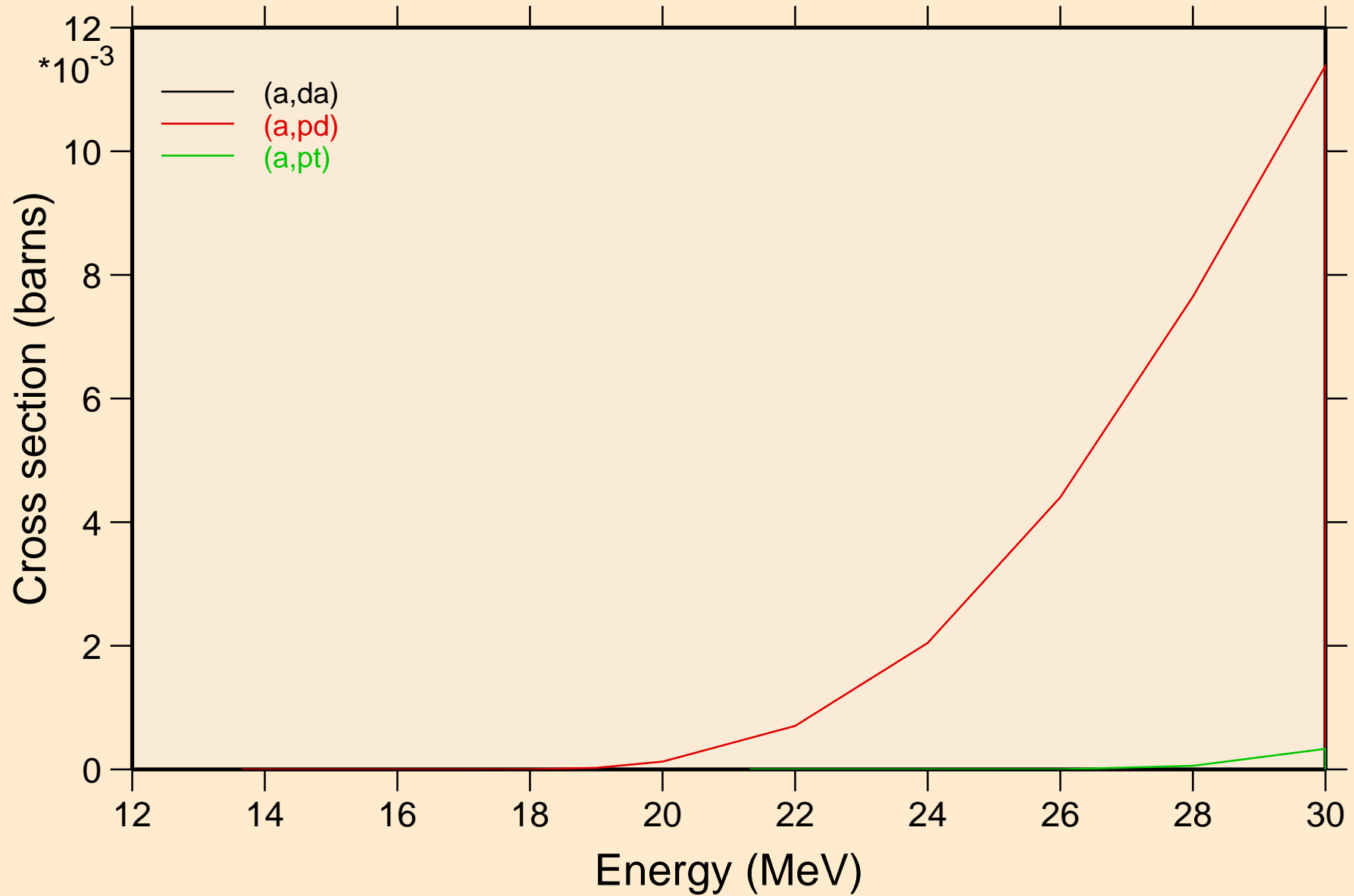
## Heating



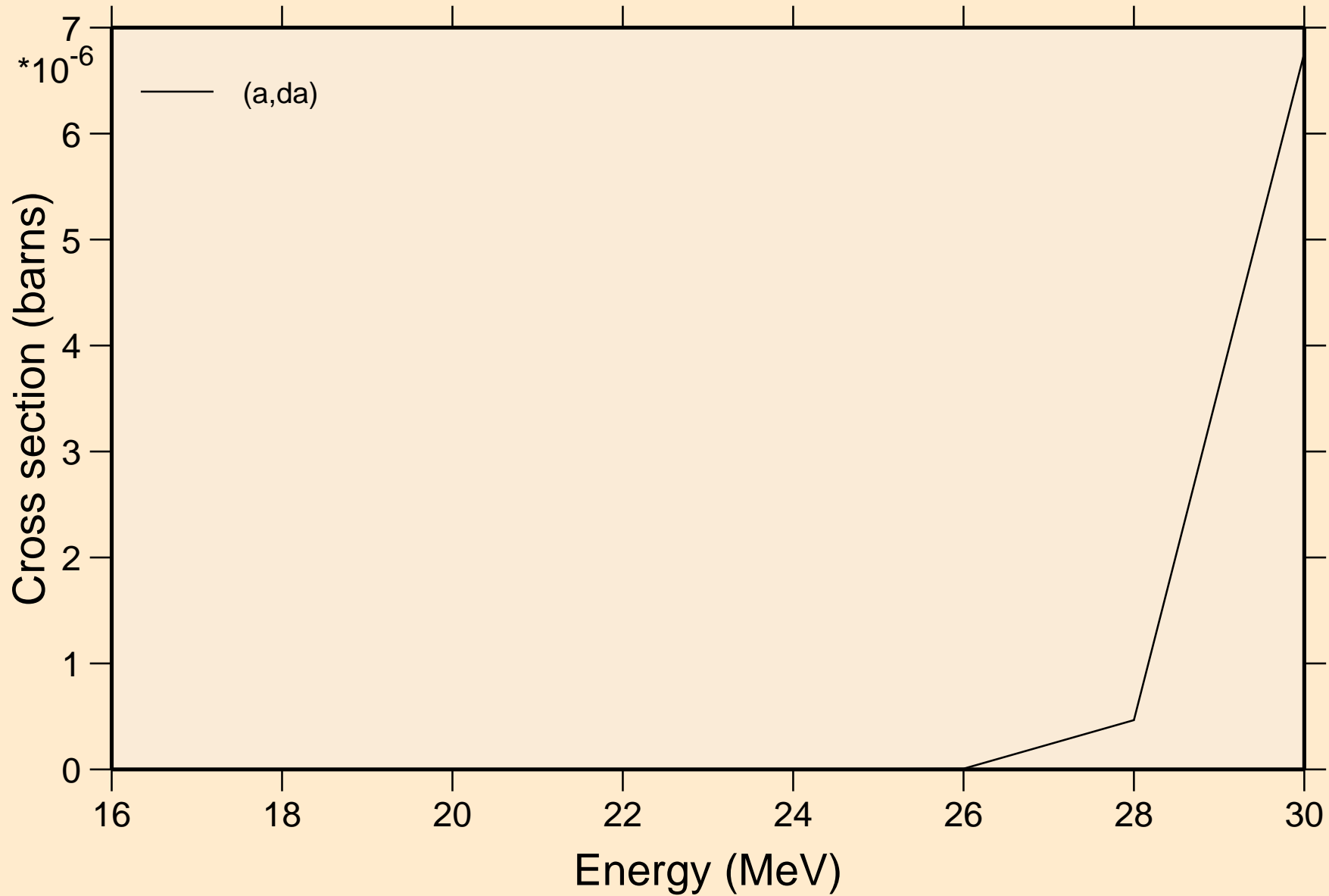
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



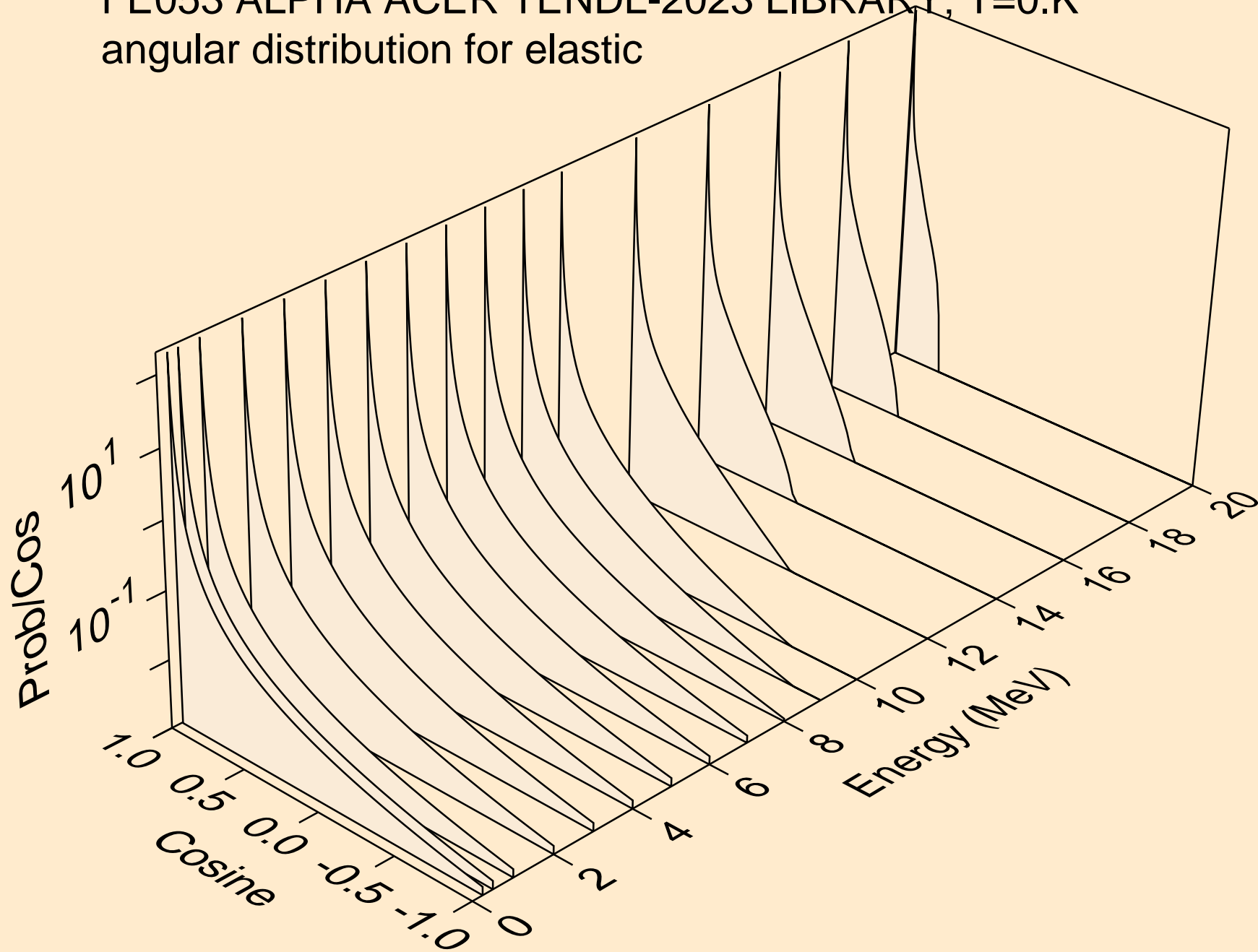
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

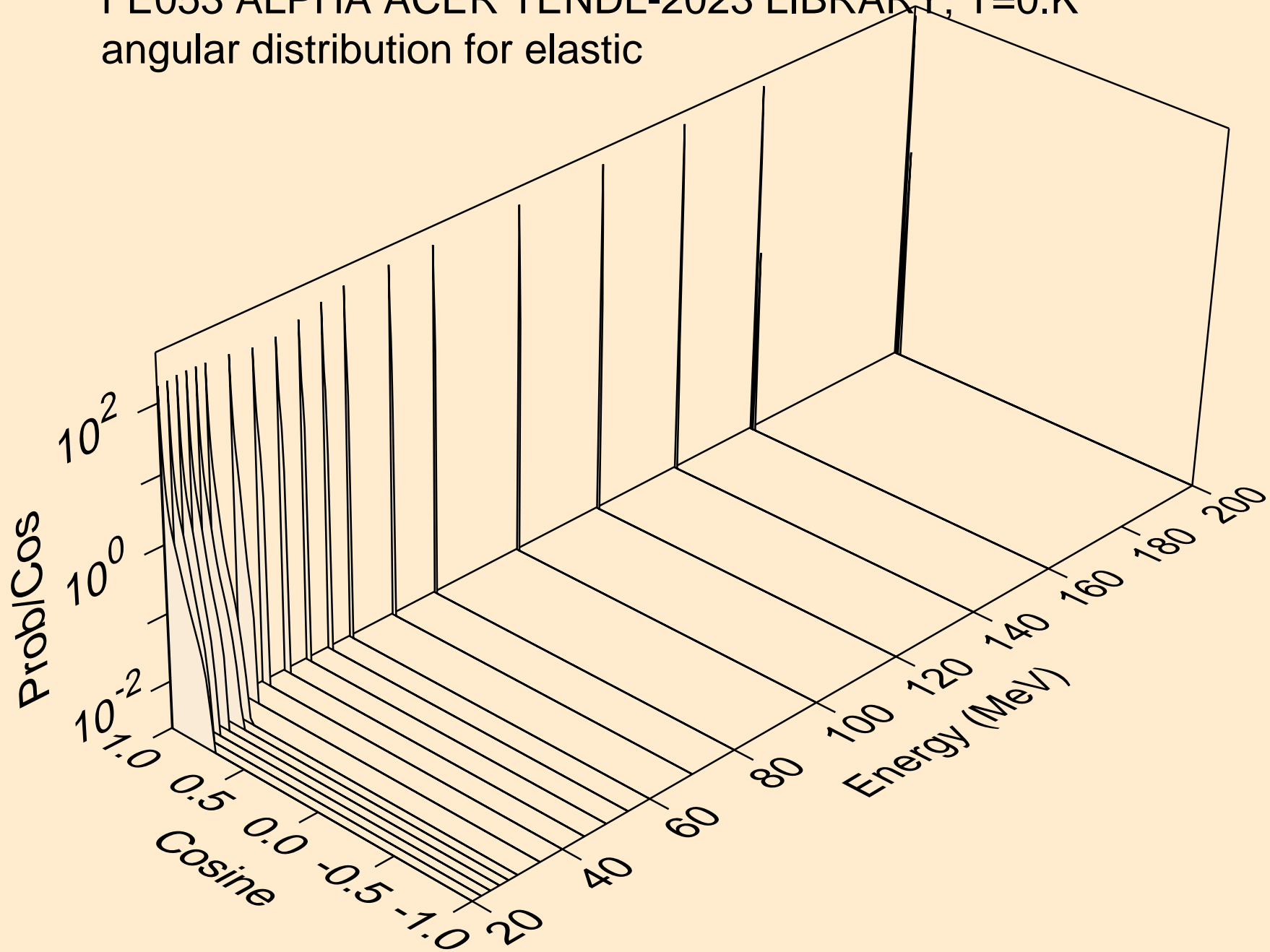


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

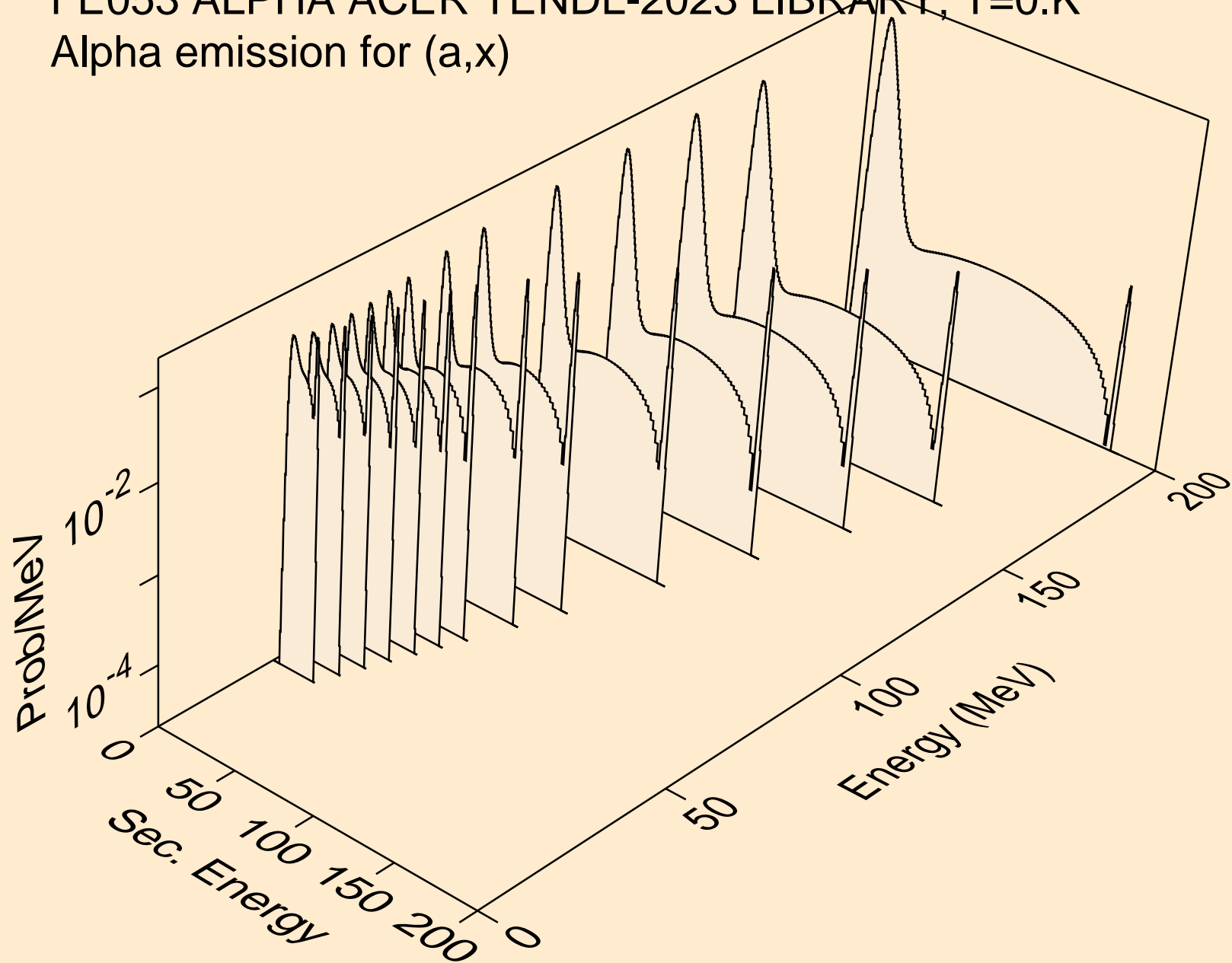




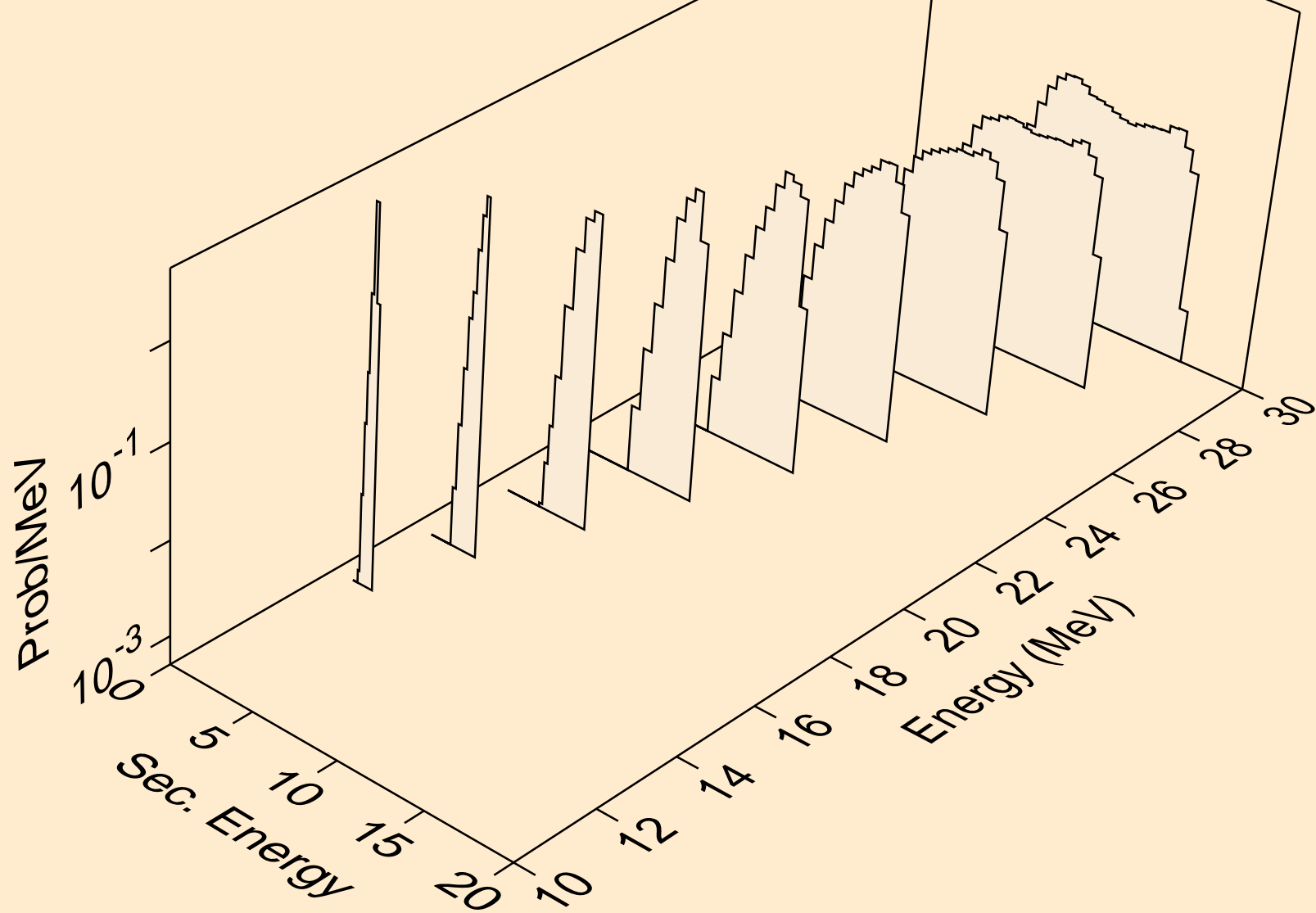
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



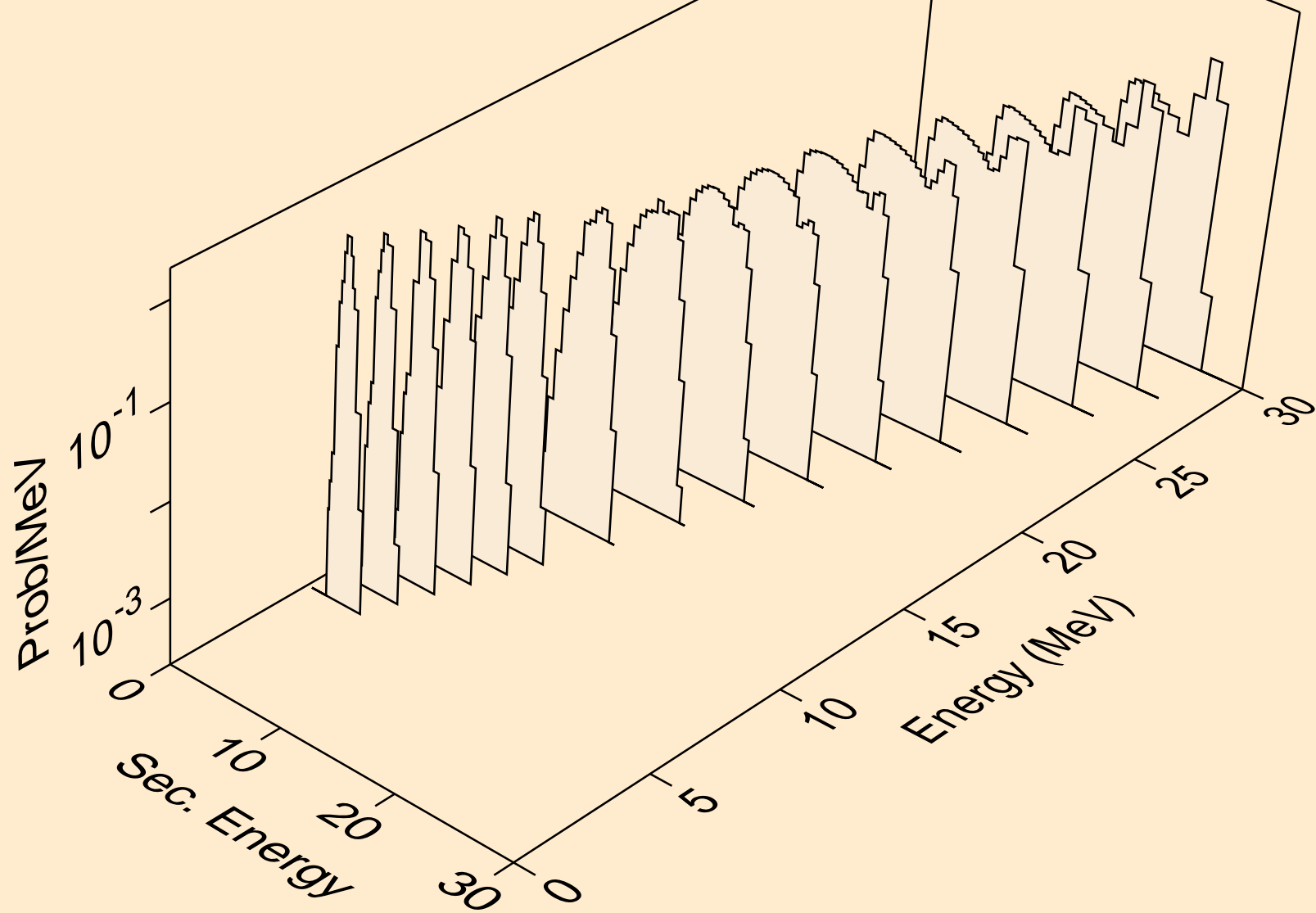
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



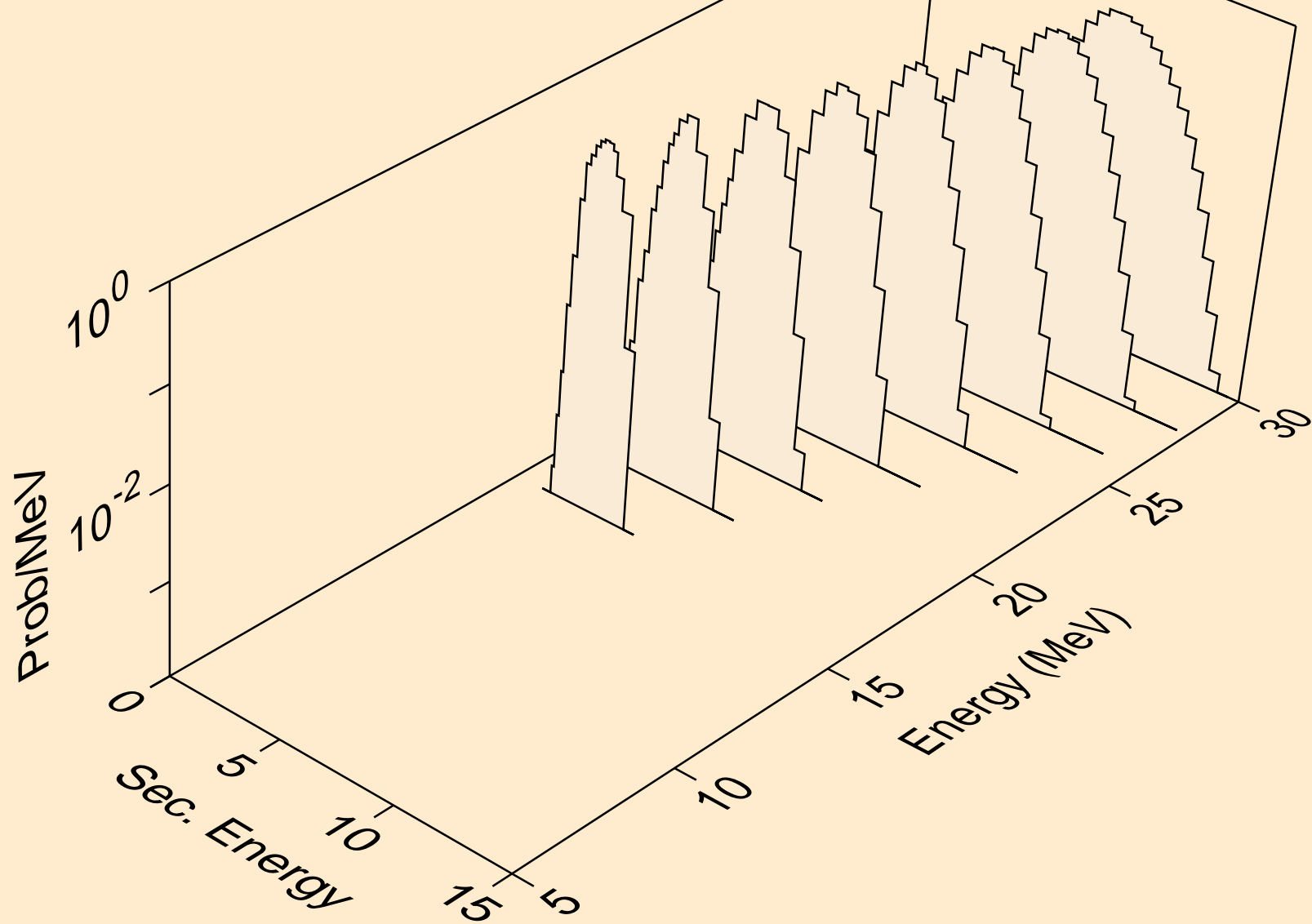
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



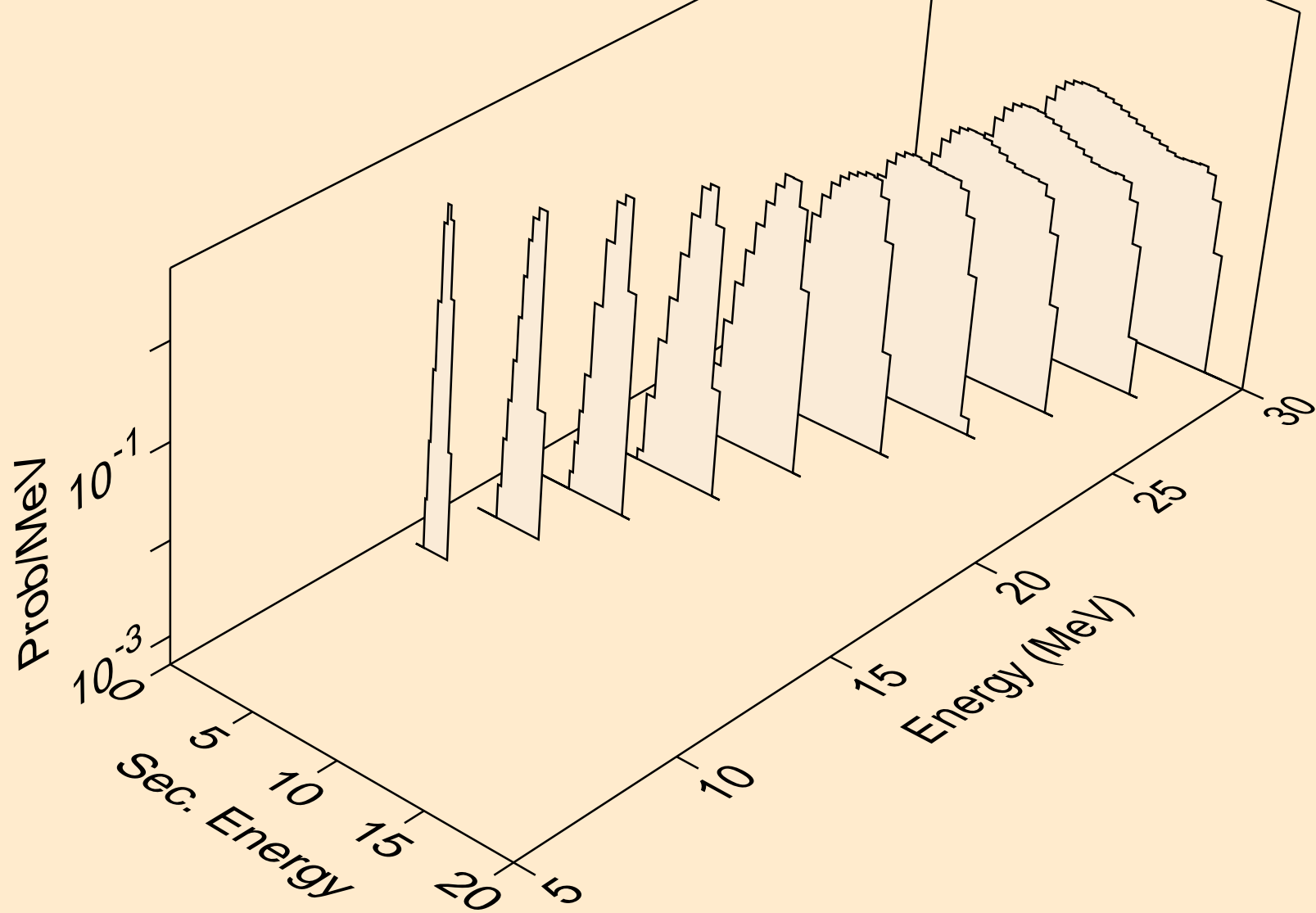
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



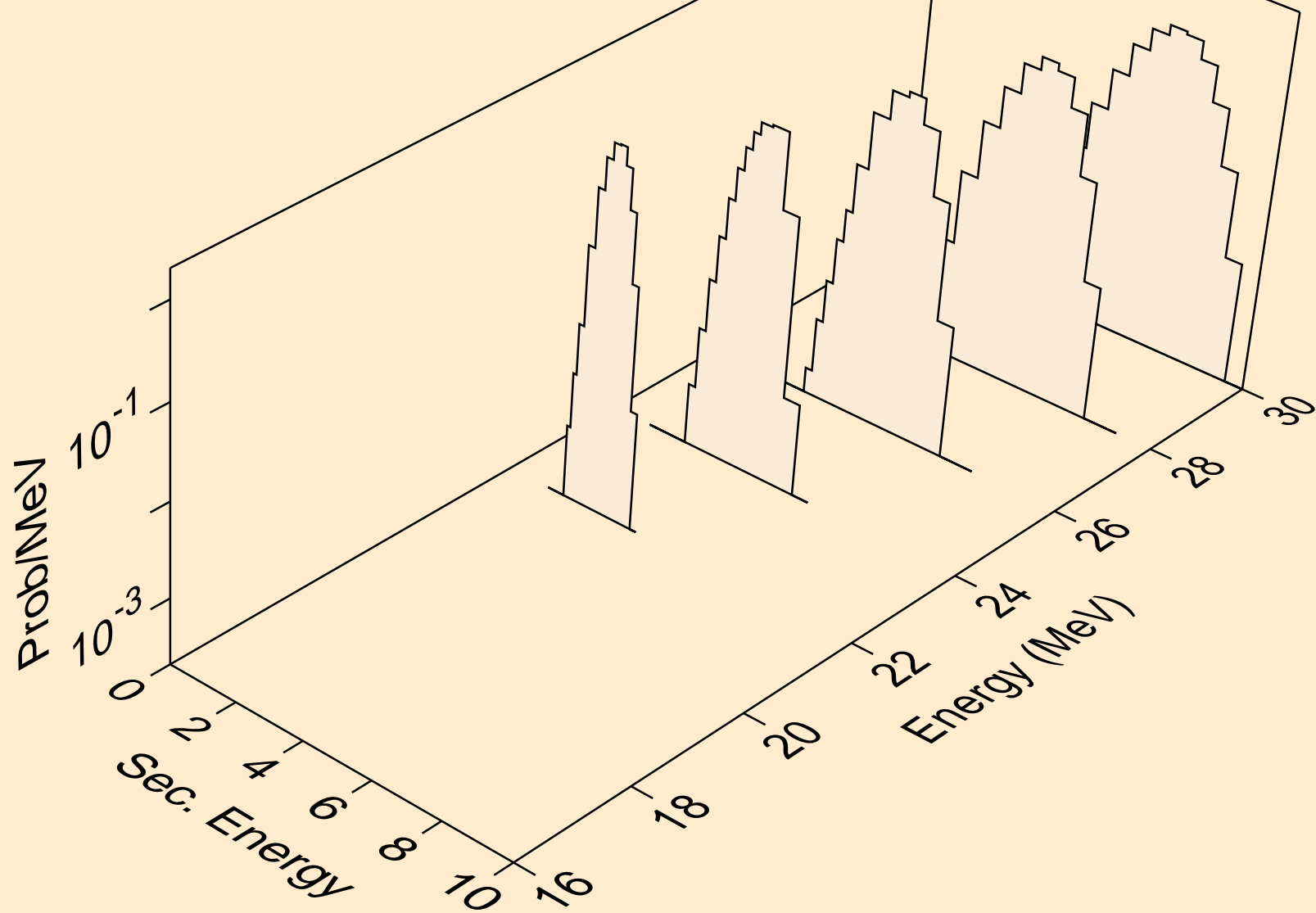
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



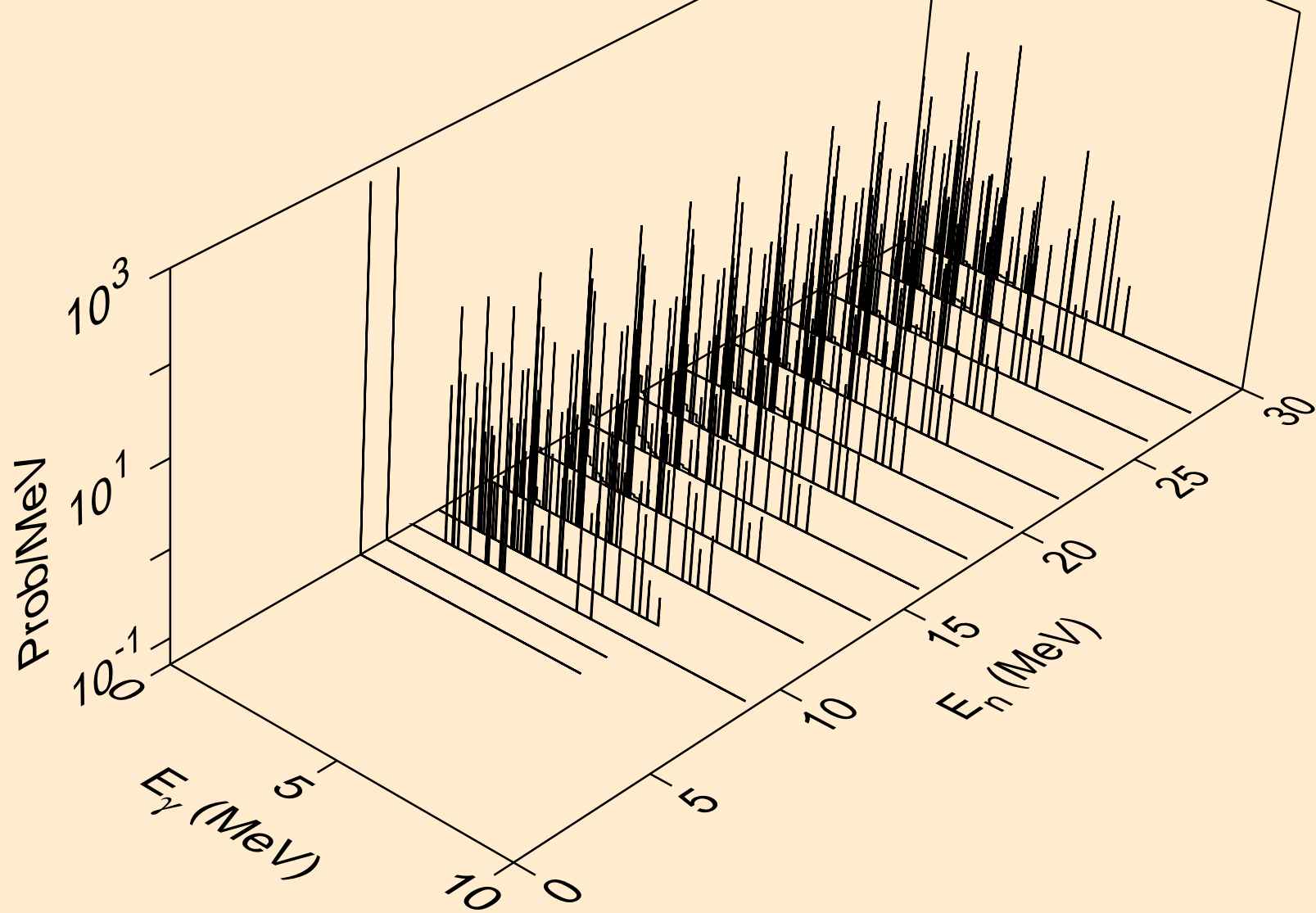
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

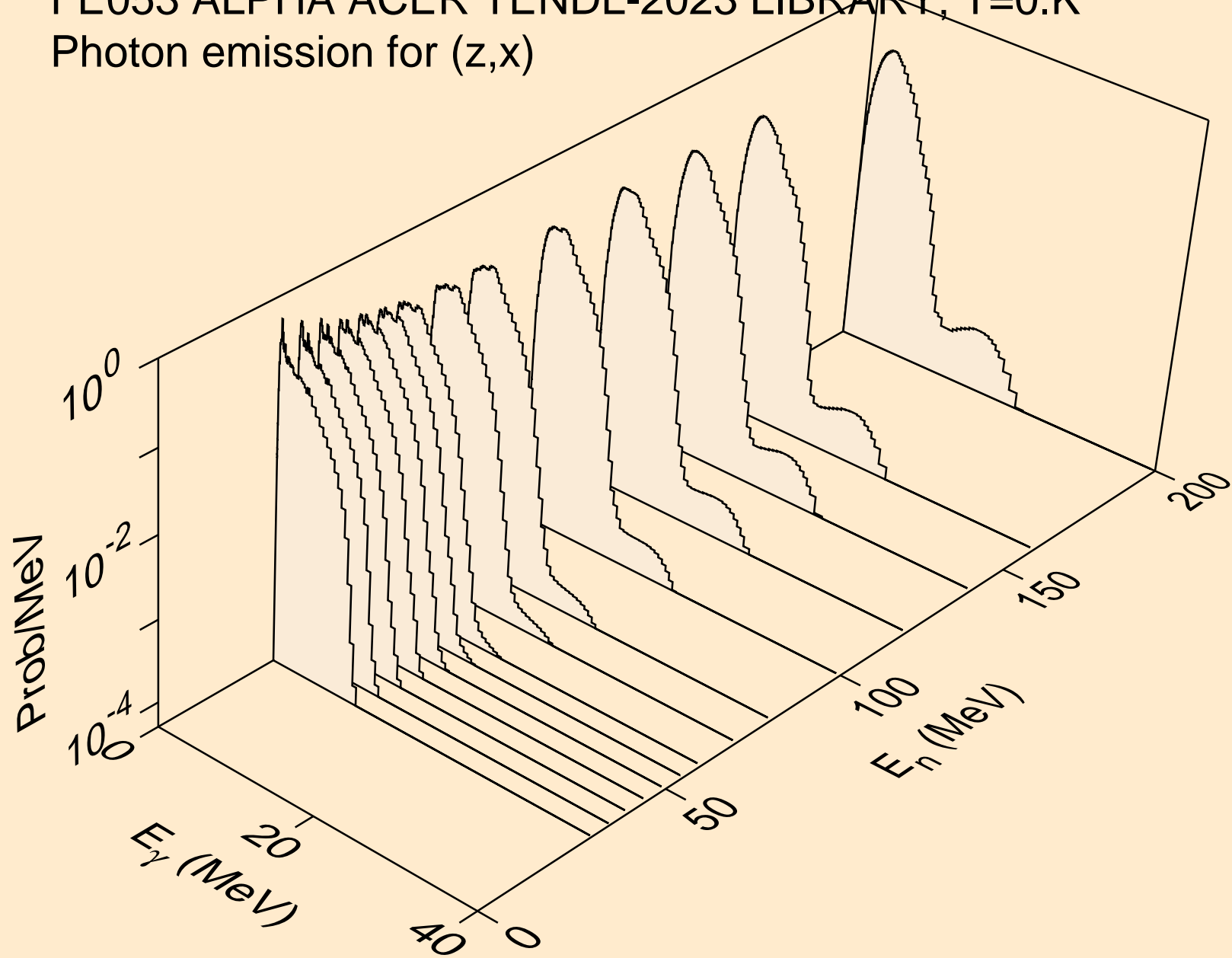


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

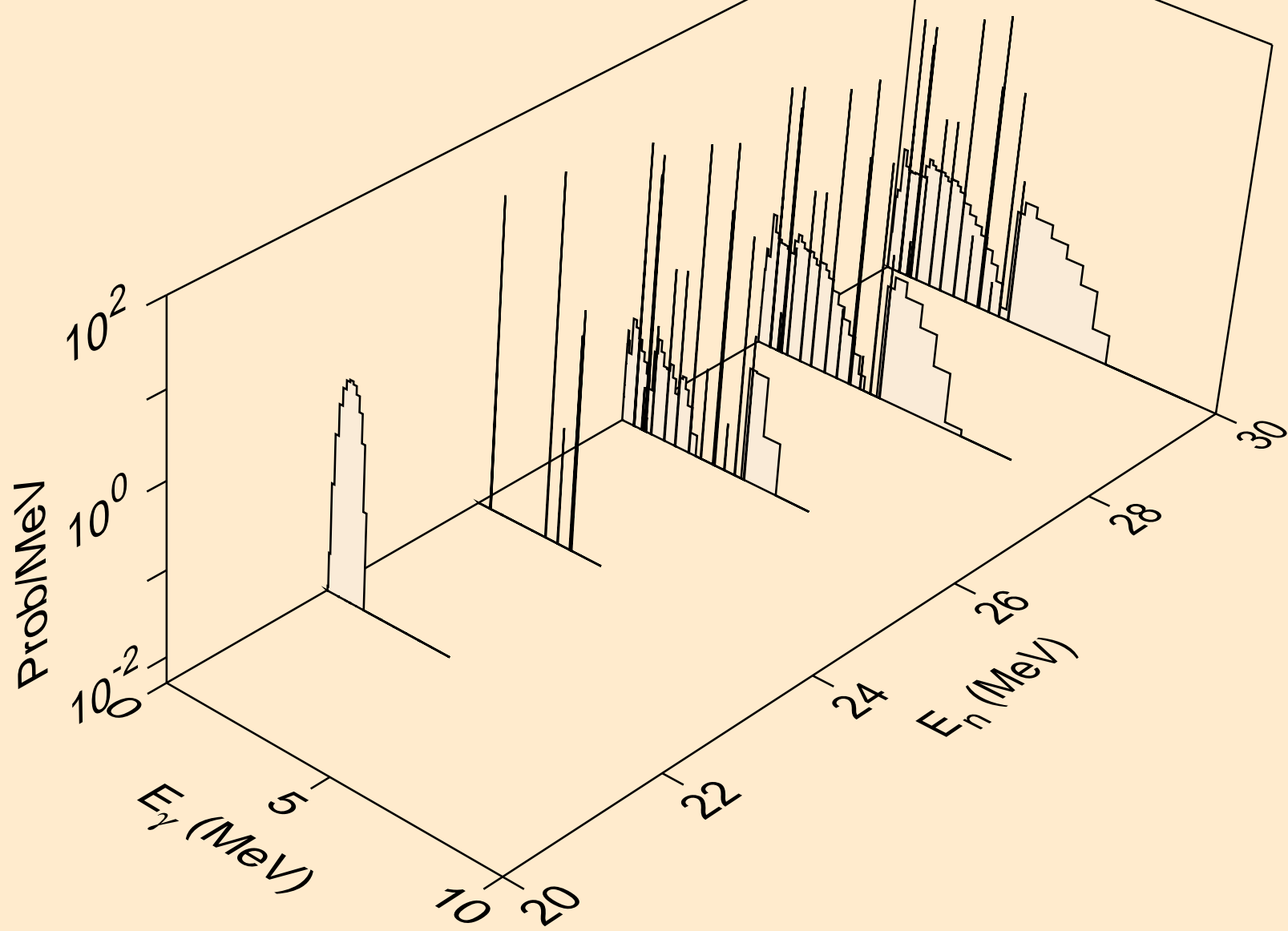




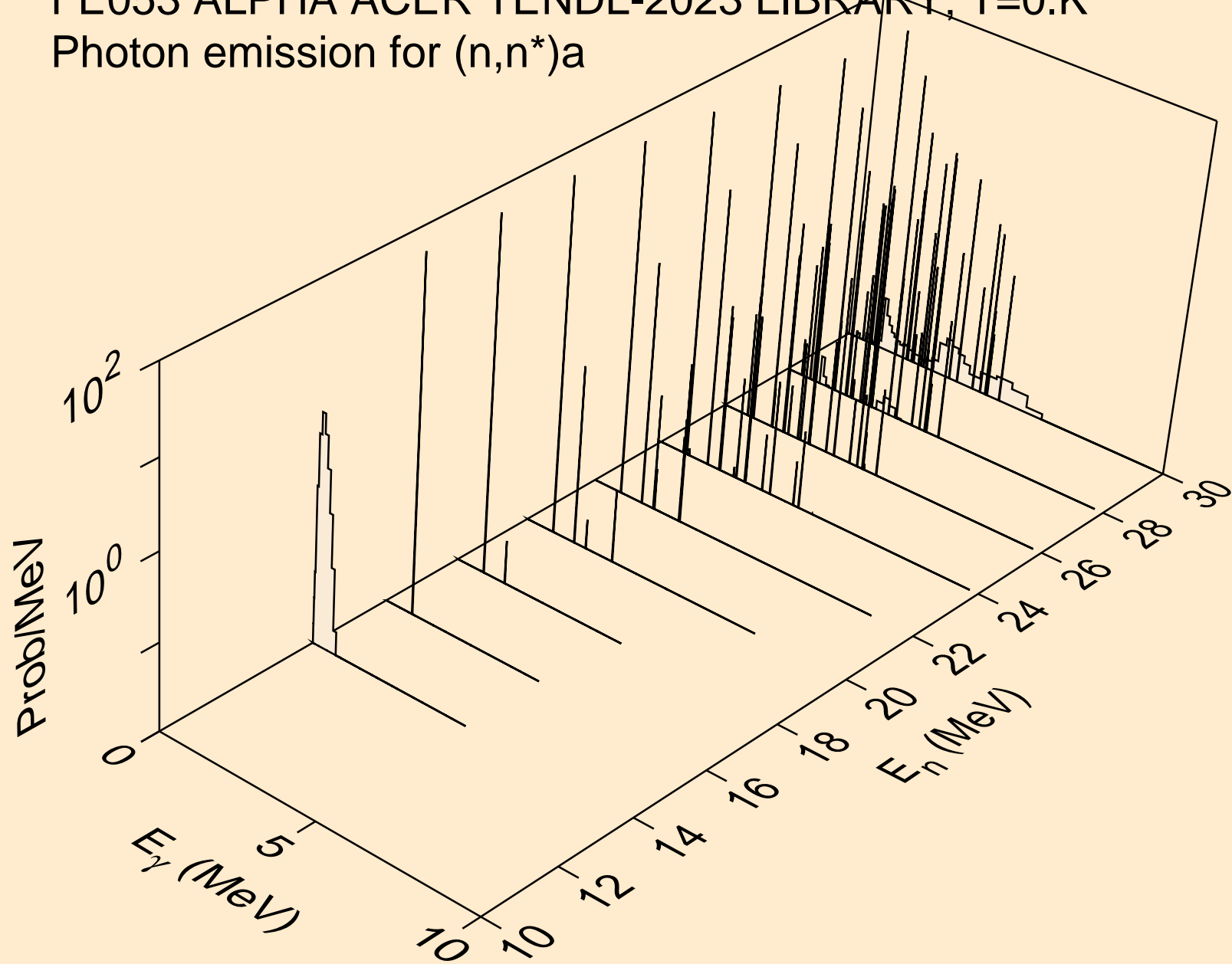
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



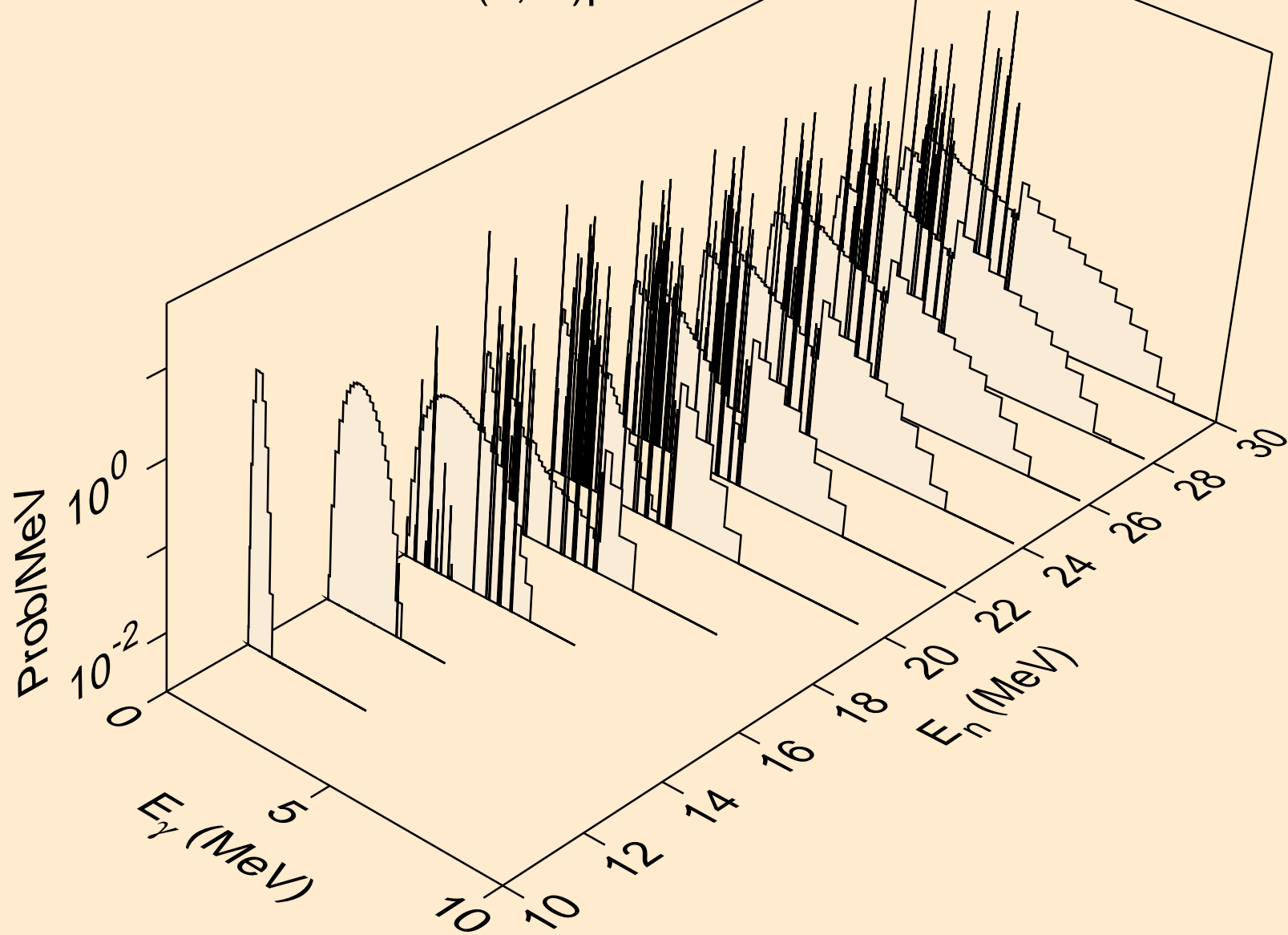
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



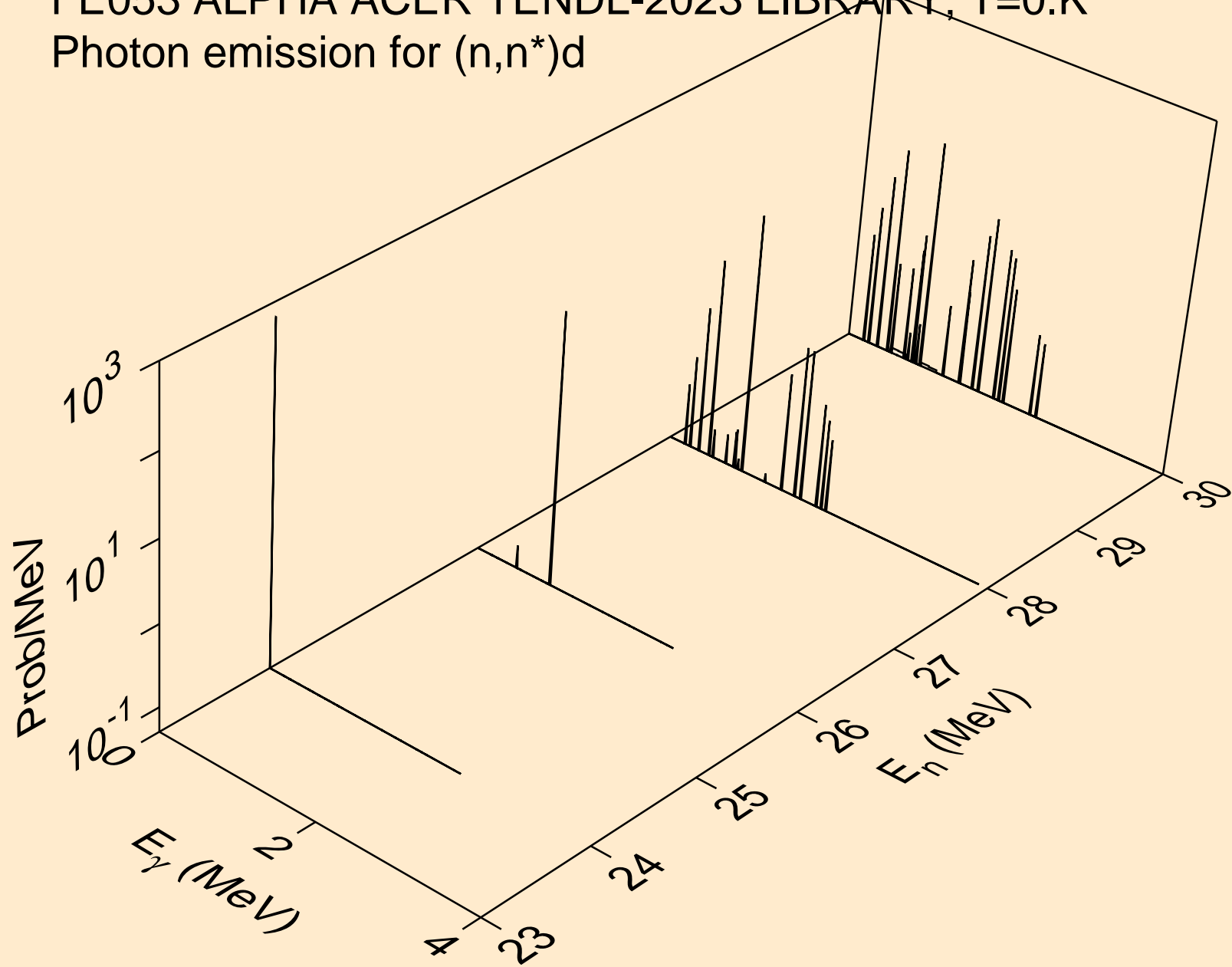
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



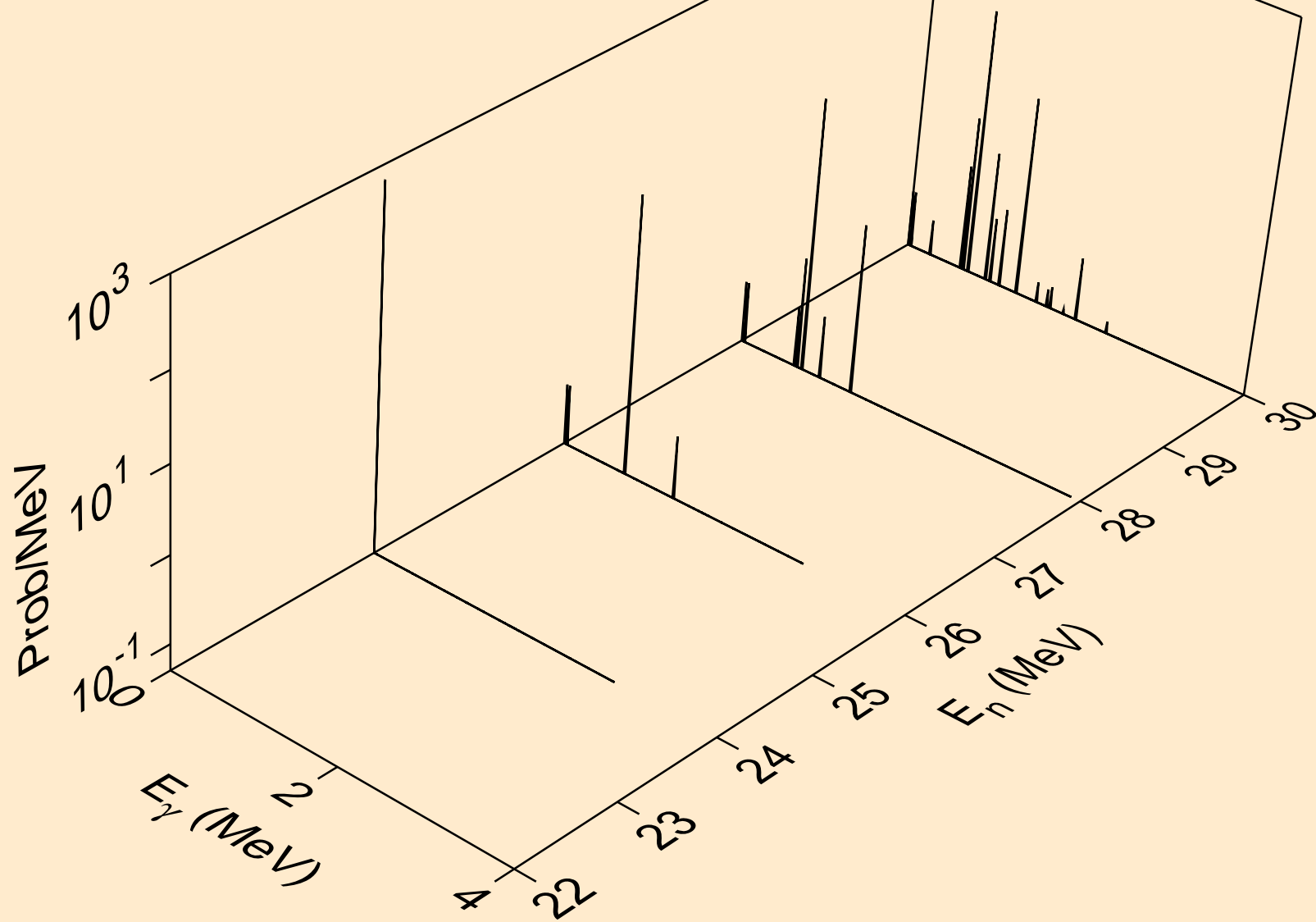
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



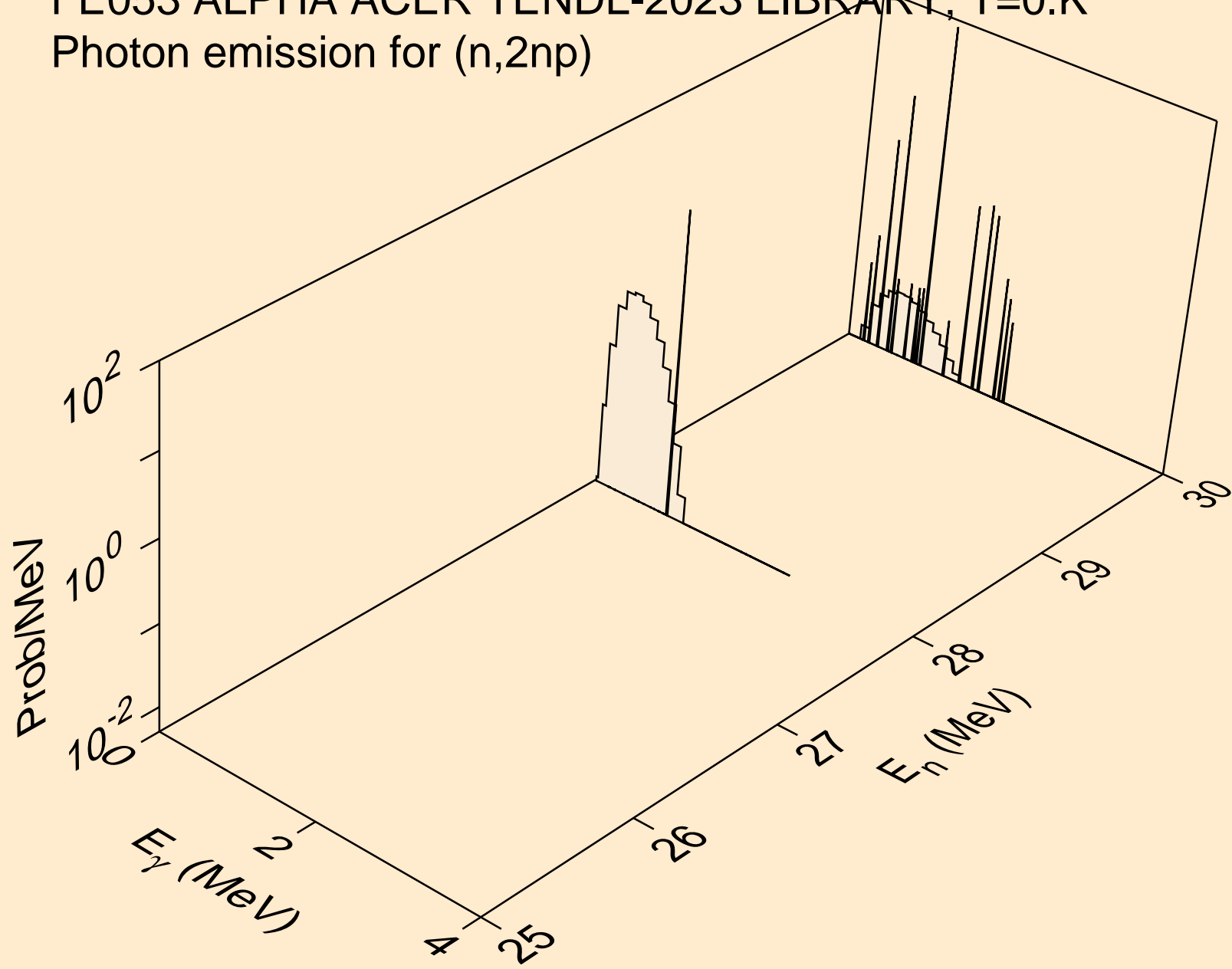
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



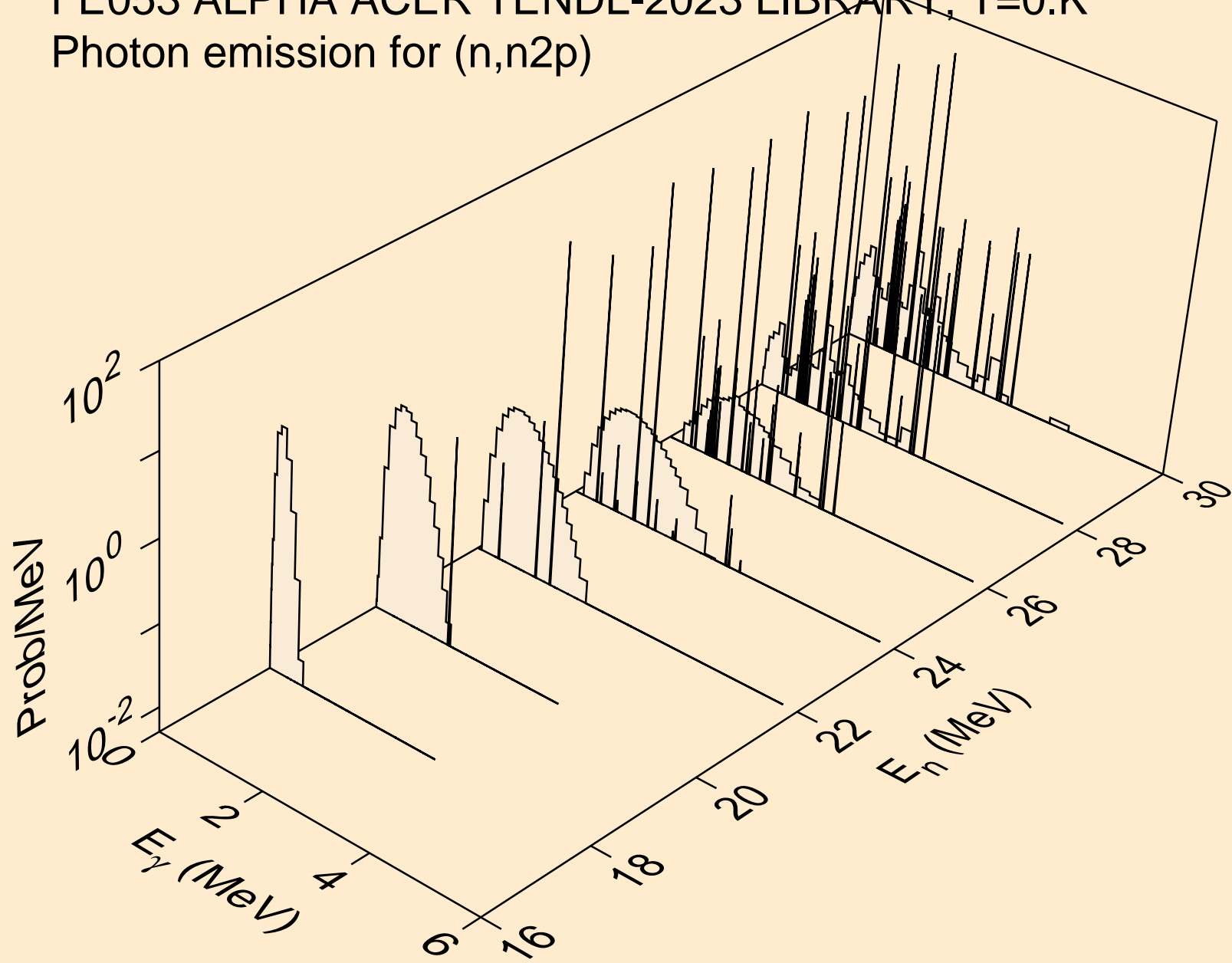
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

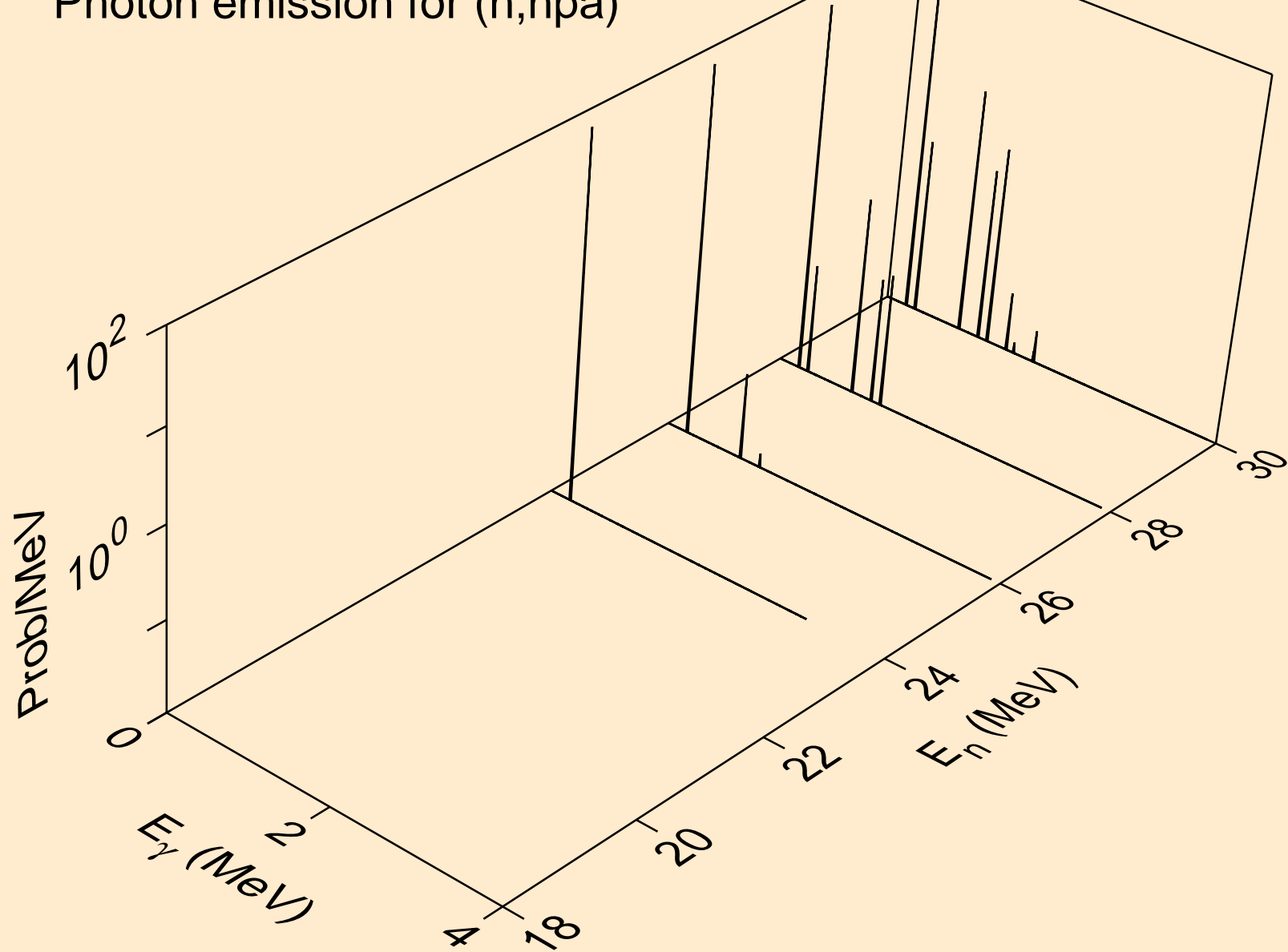


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

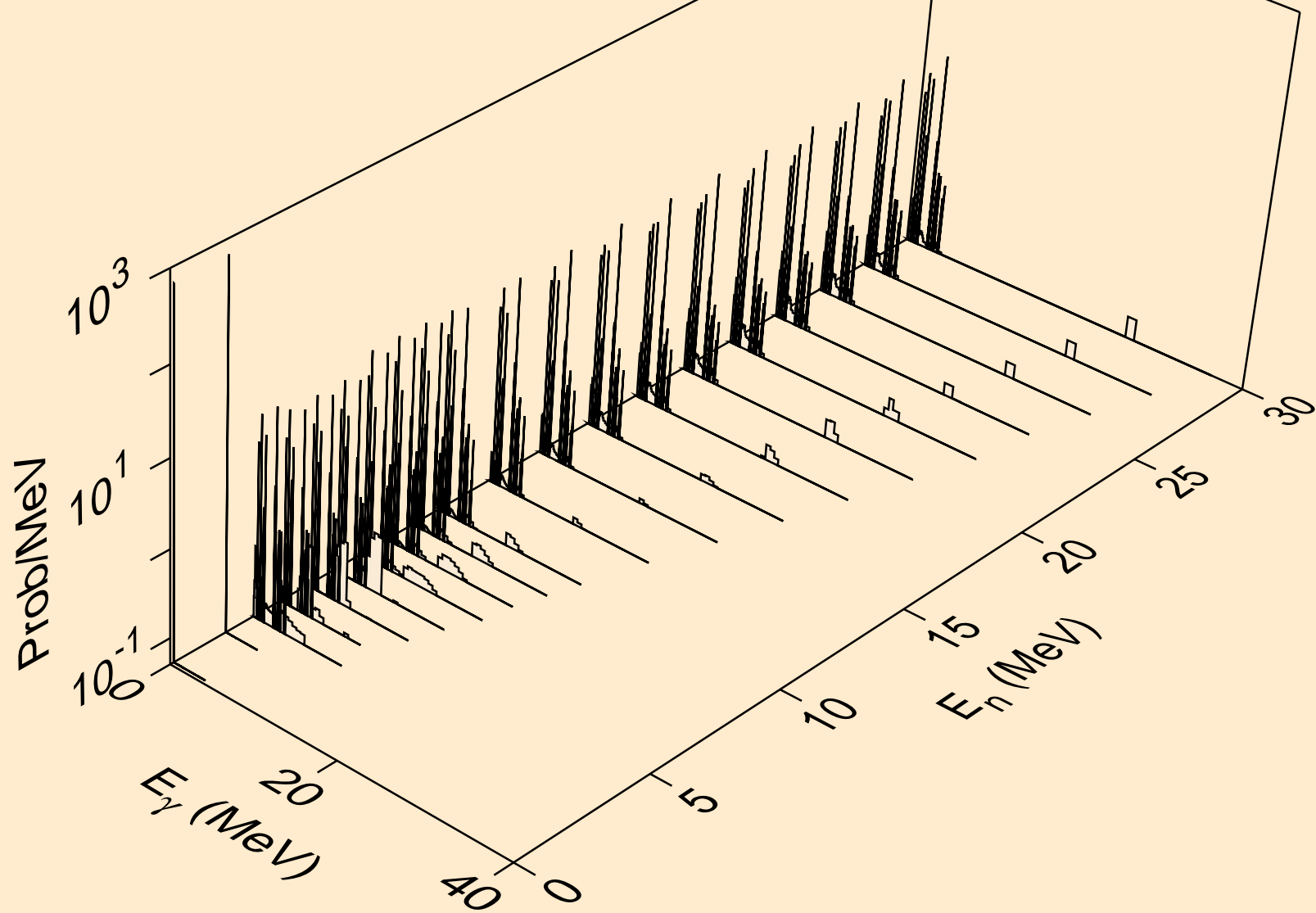




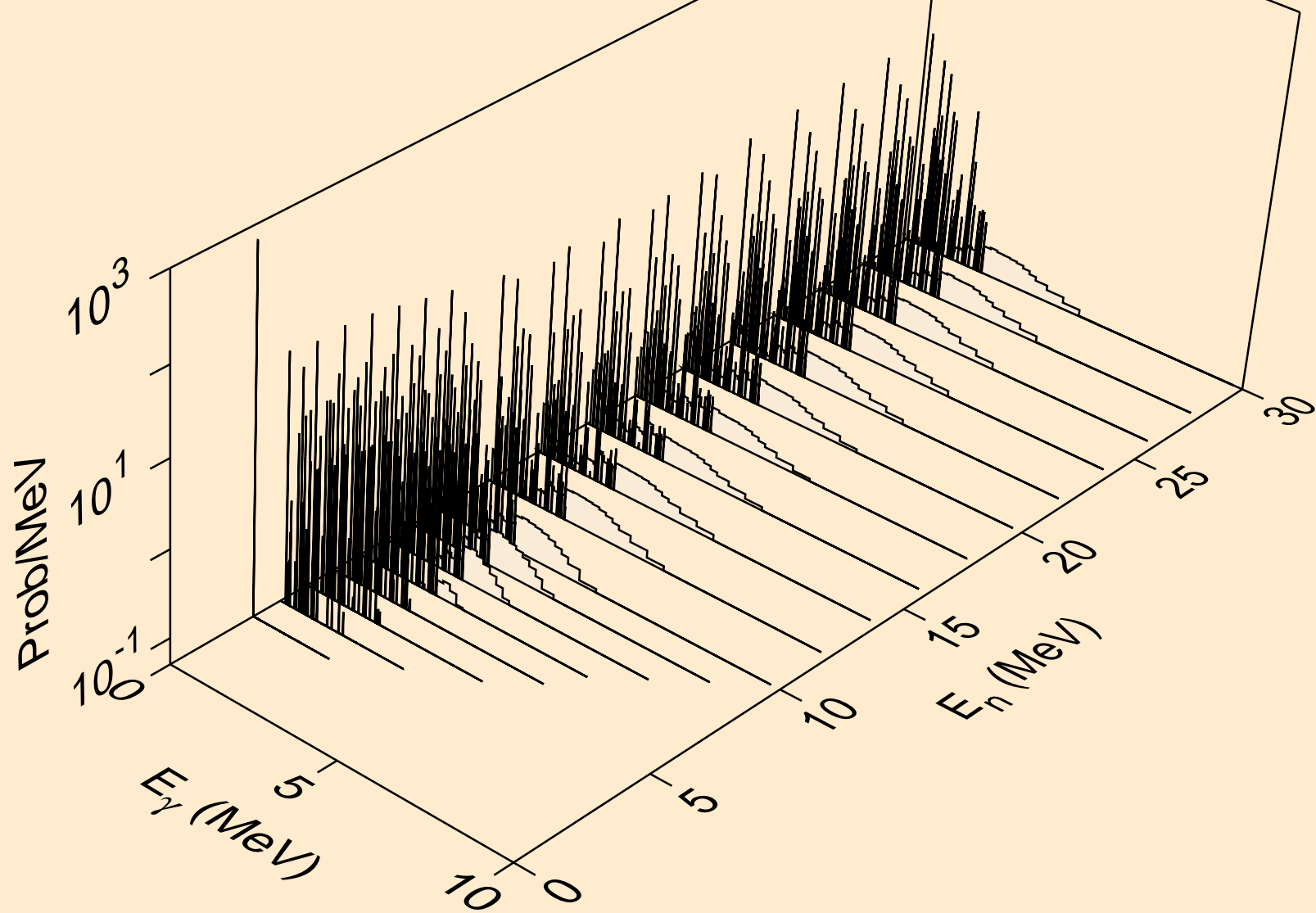
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



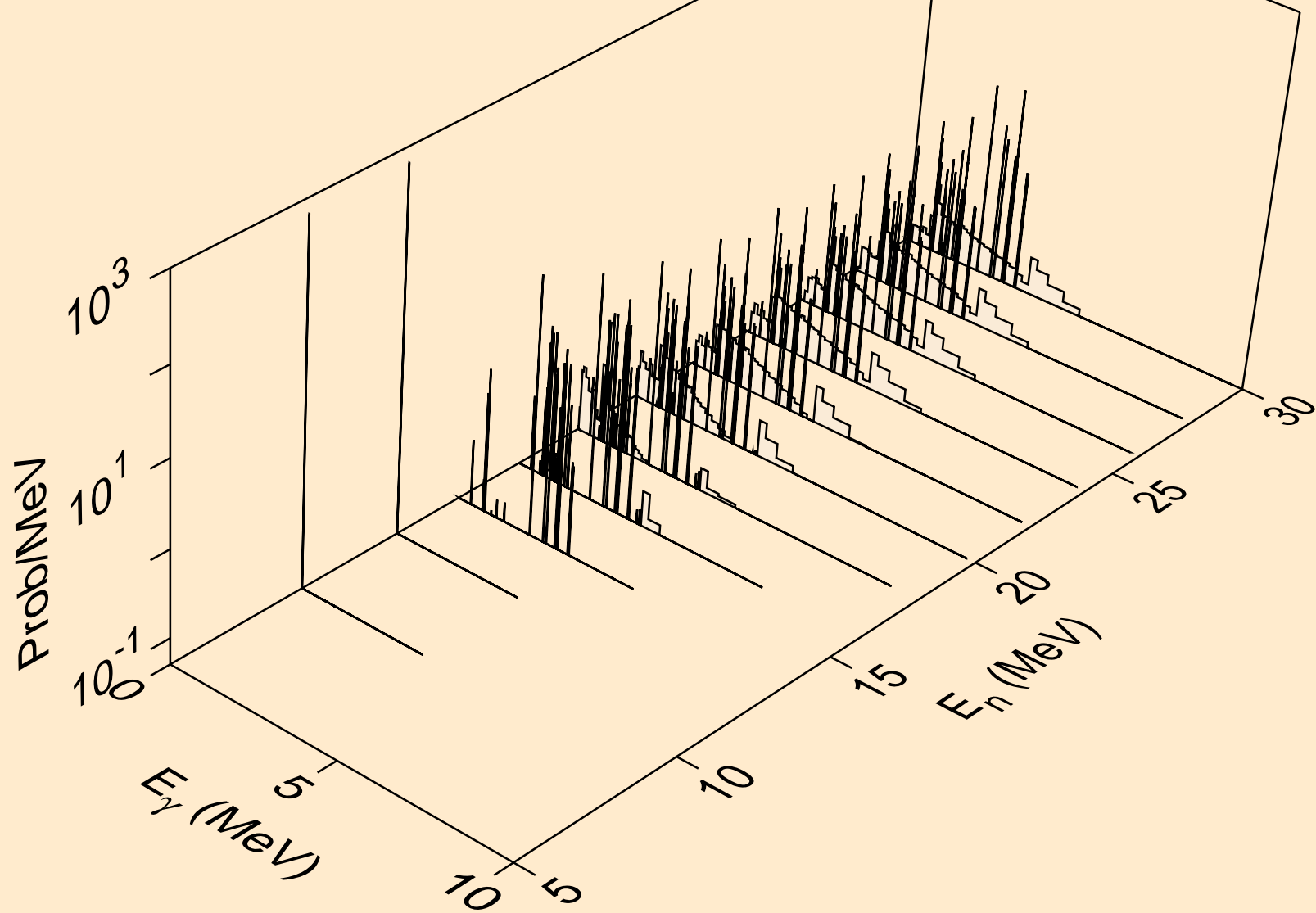
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



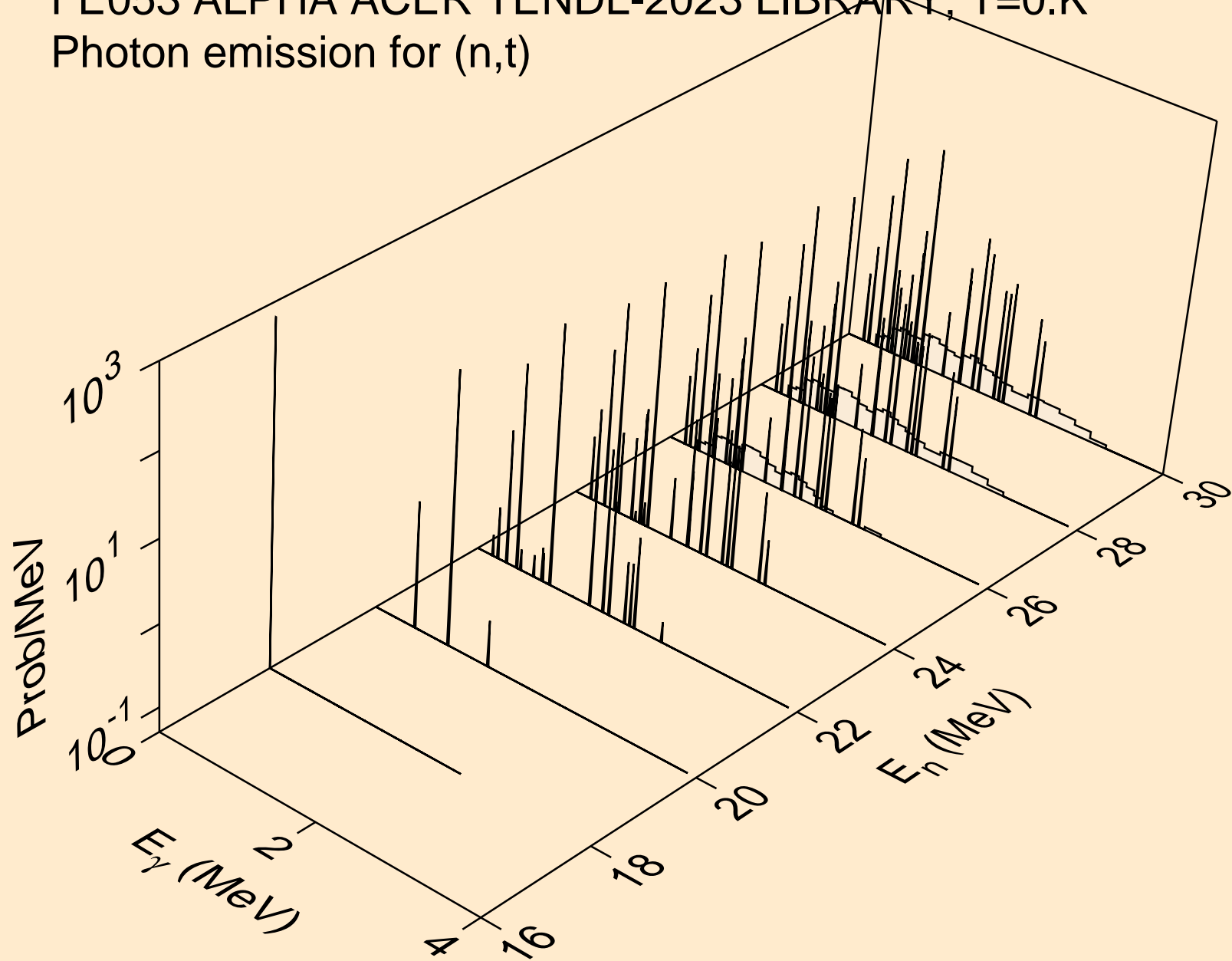
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Photon emission for (n,p)



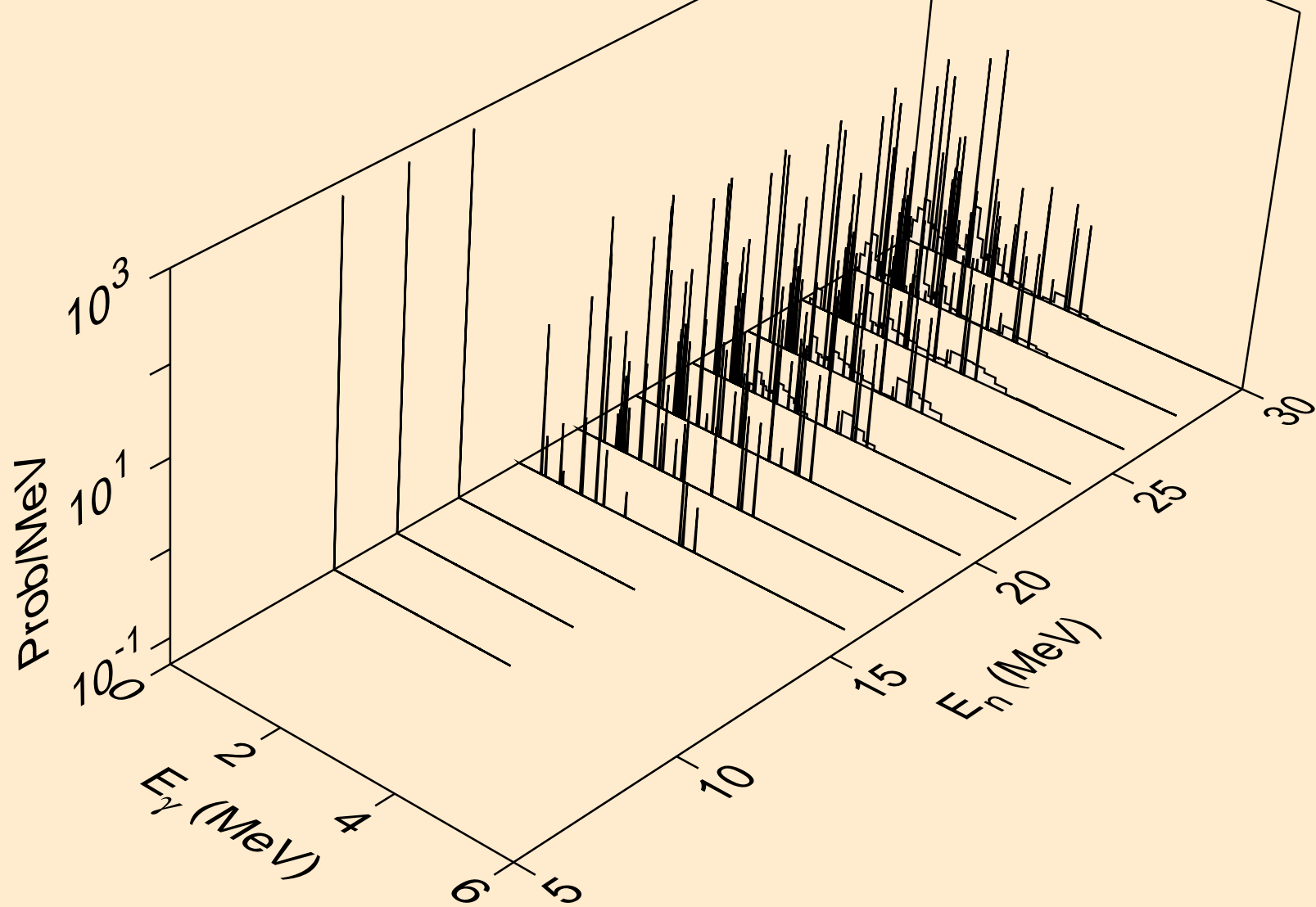
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



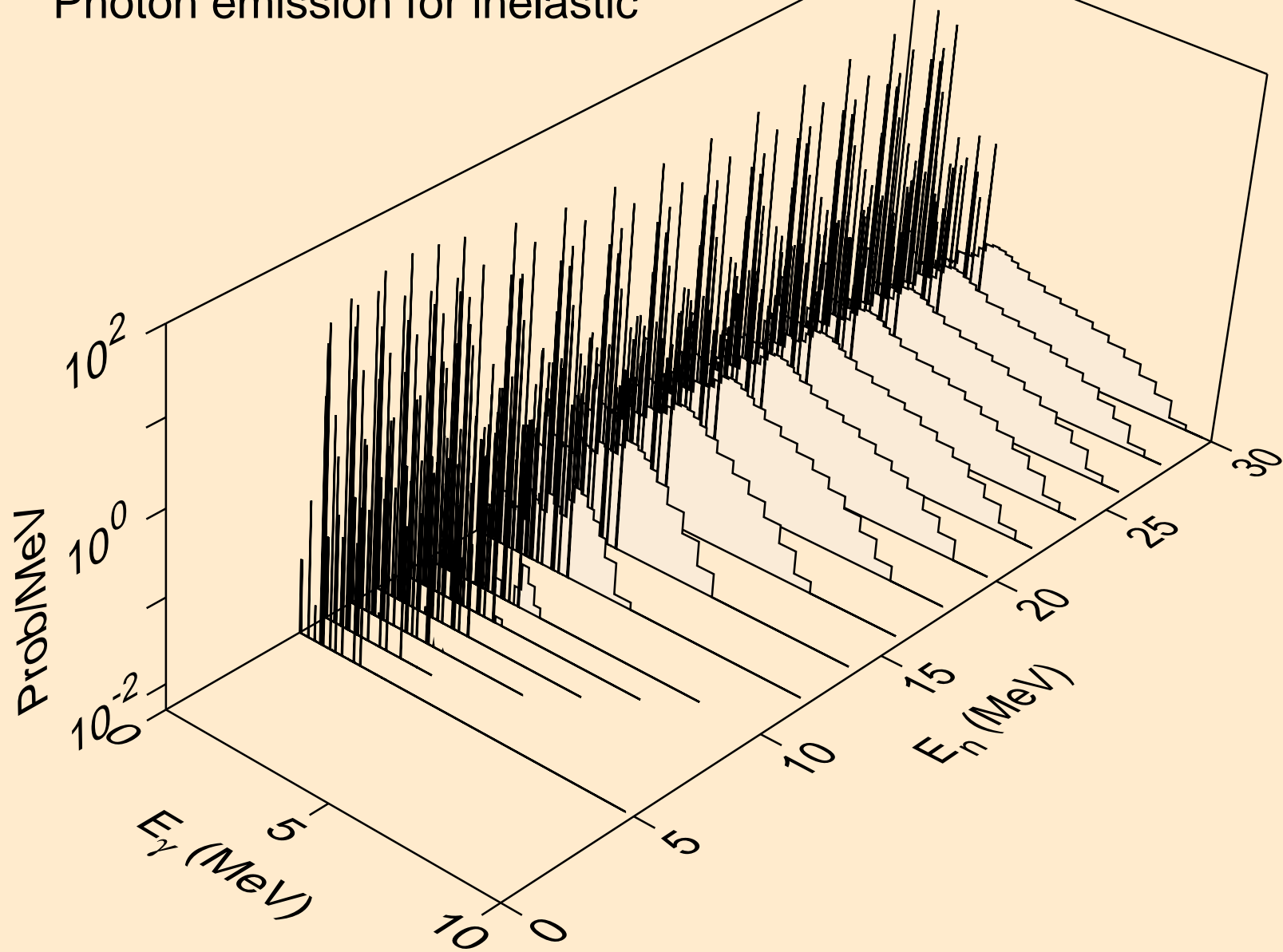
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



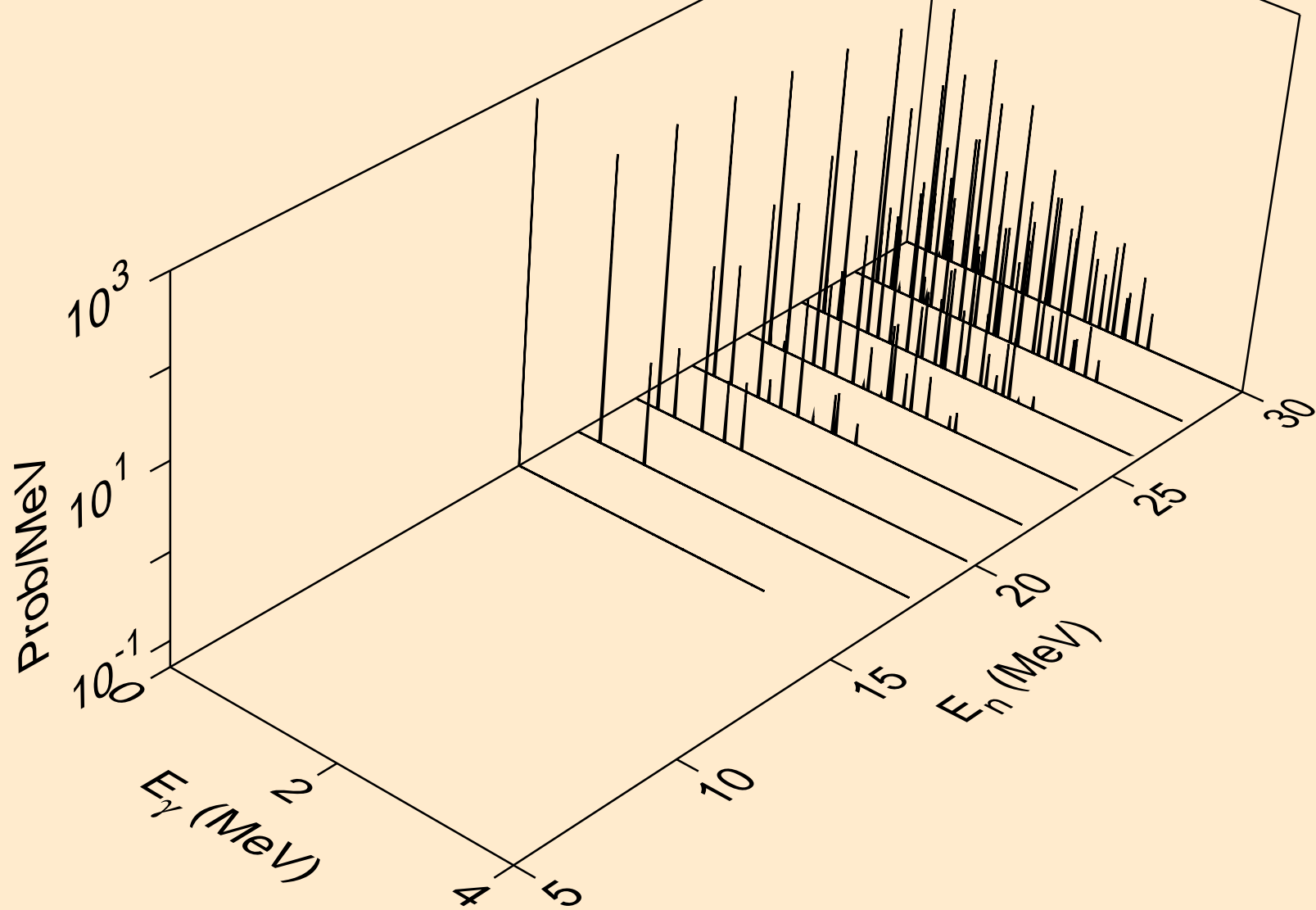
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

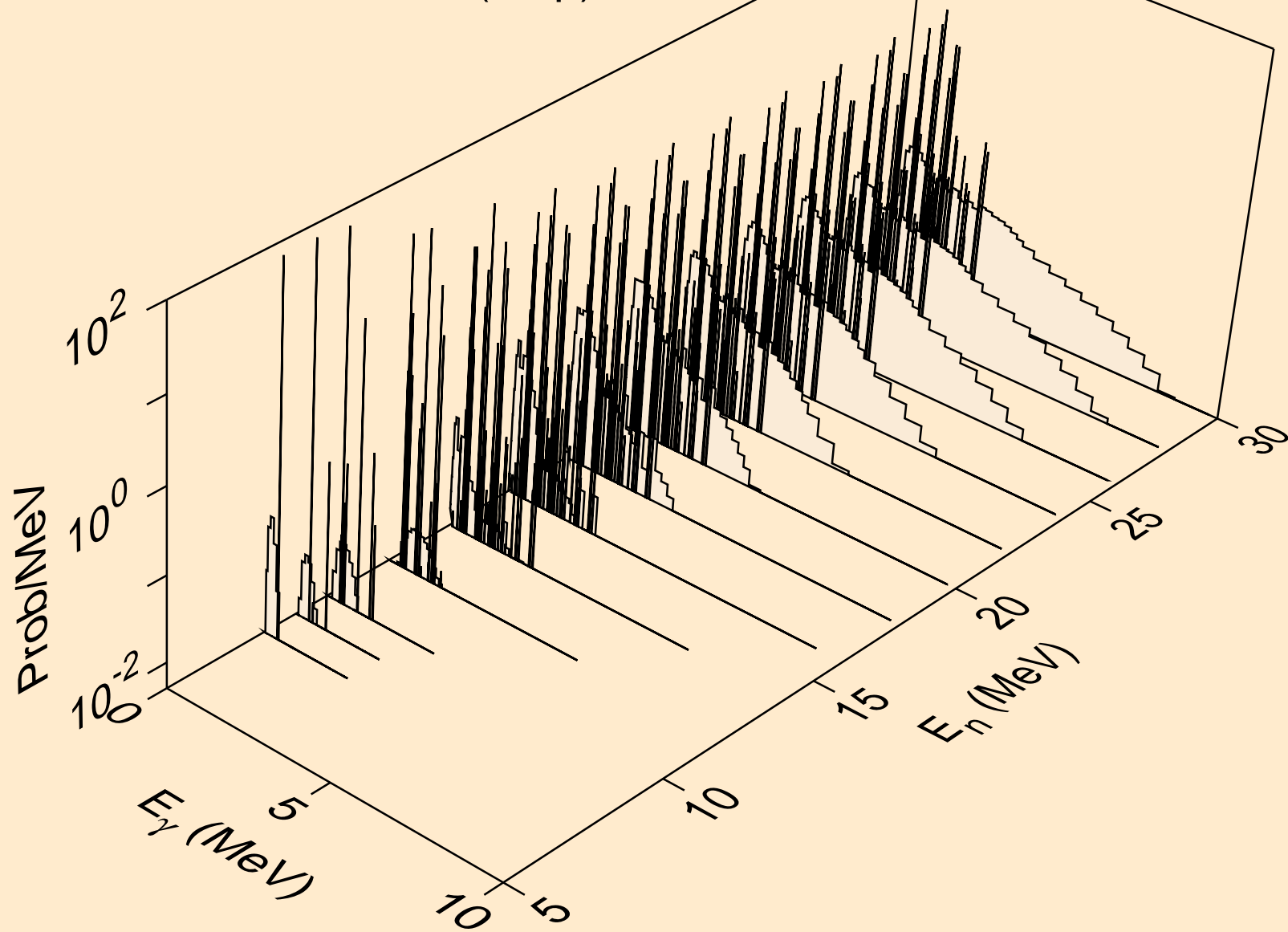


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

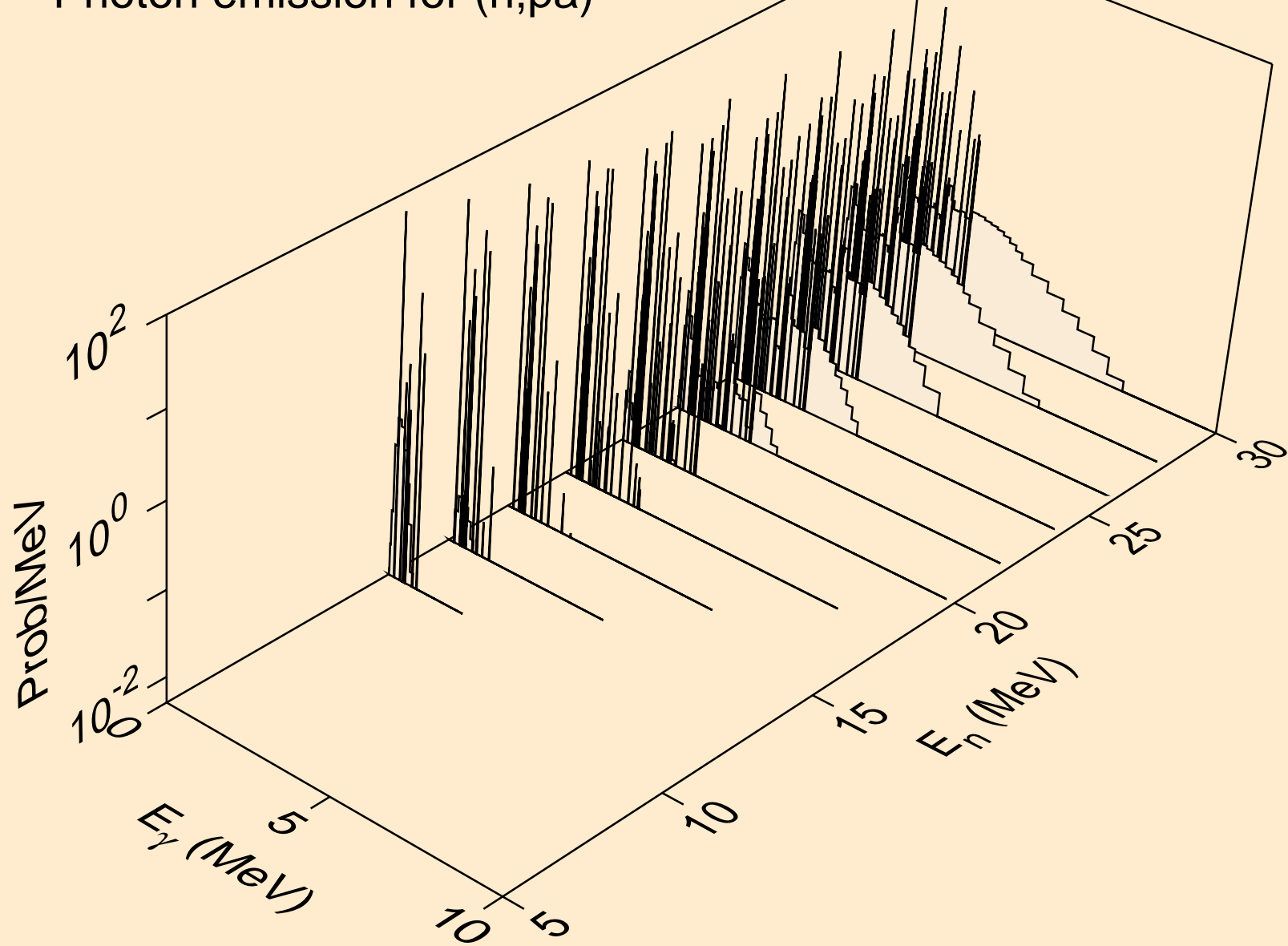




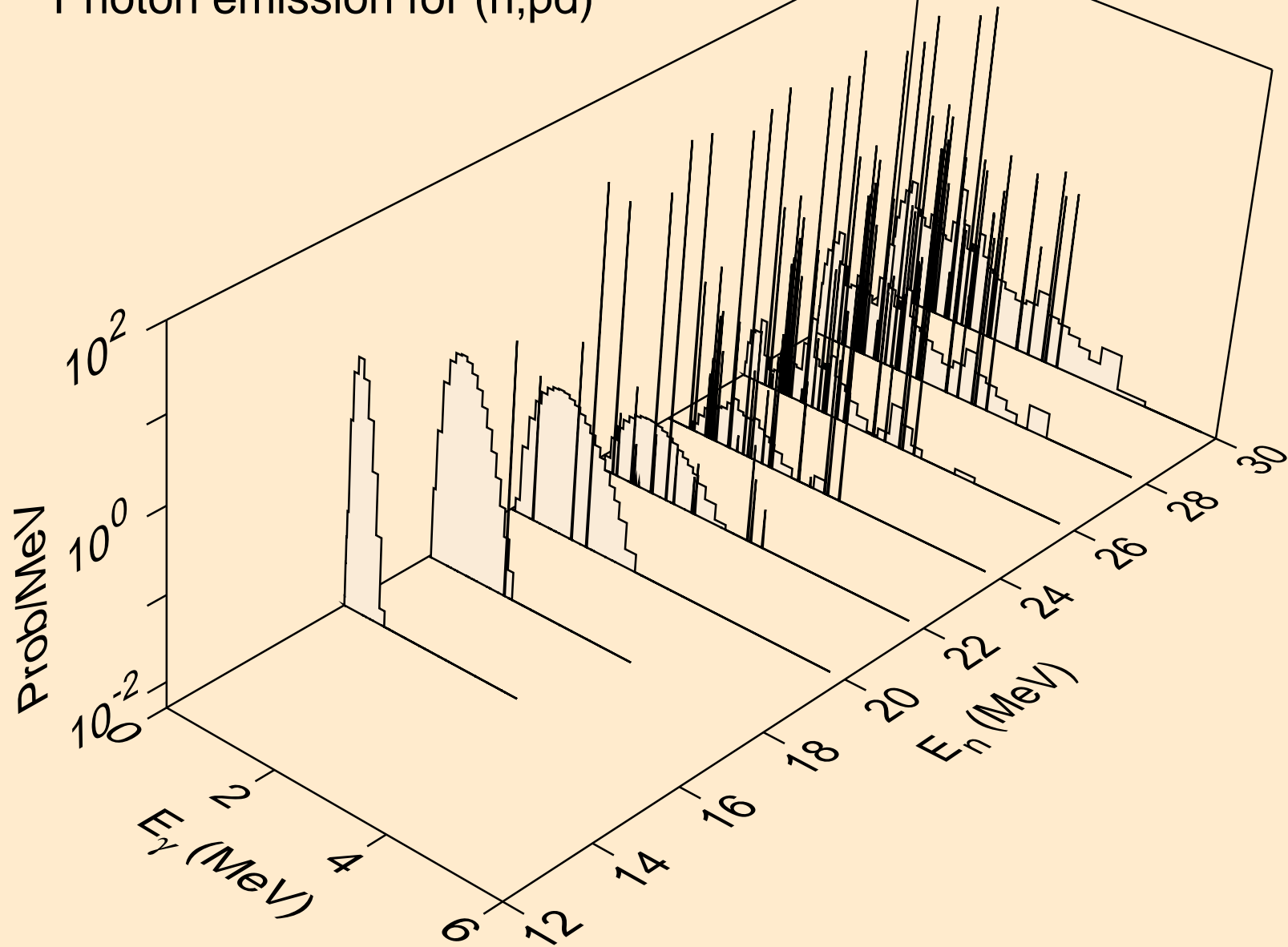
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Photon emission for (n,2p)



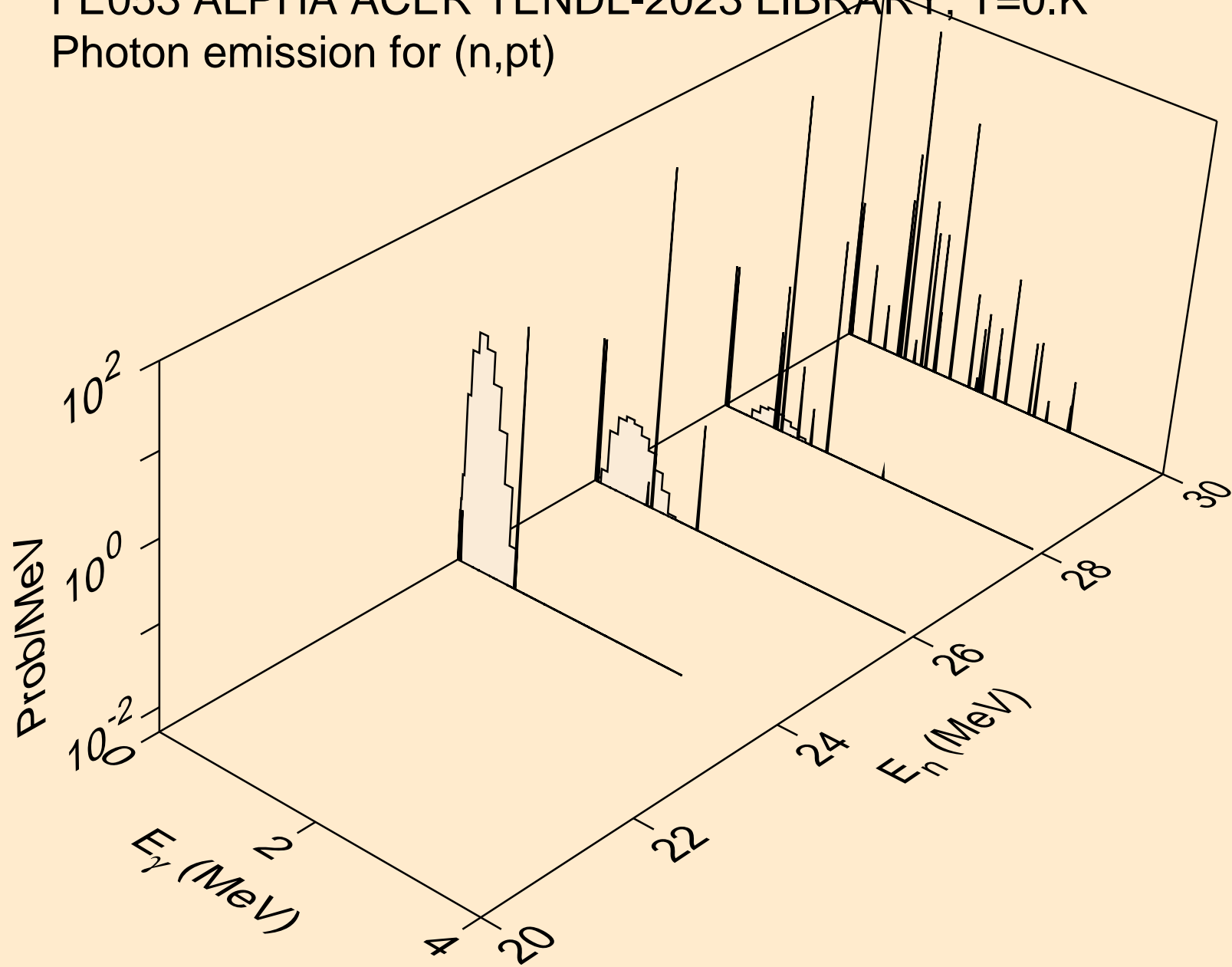
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



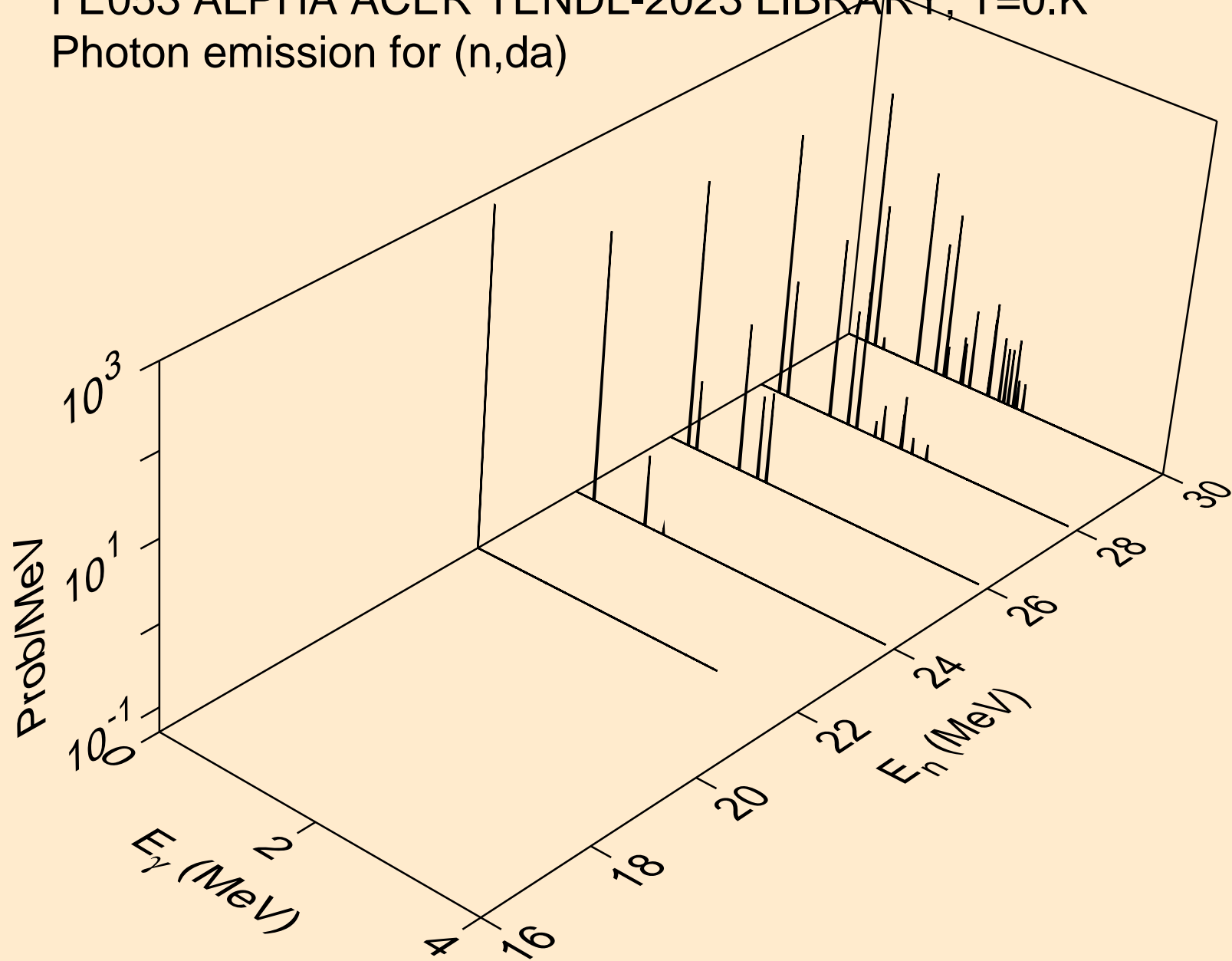
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

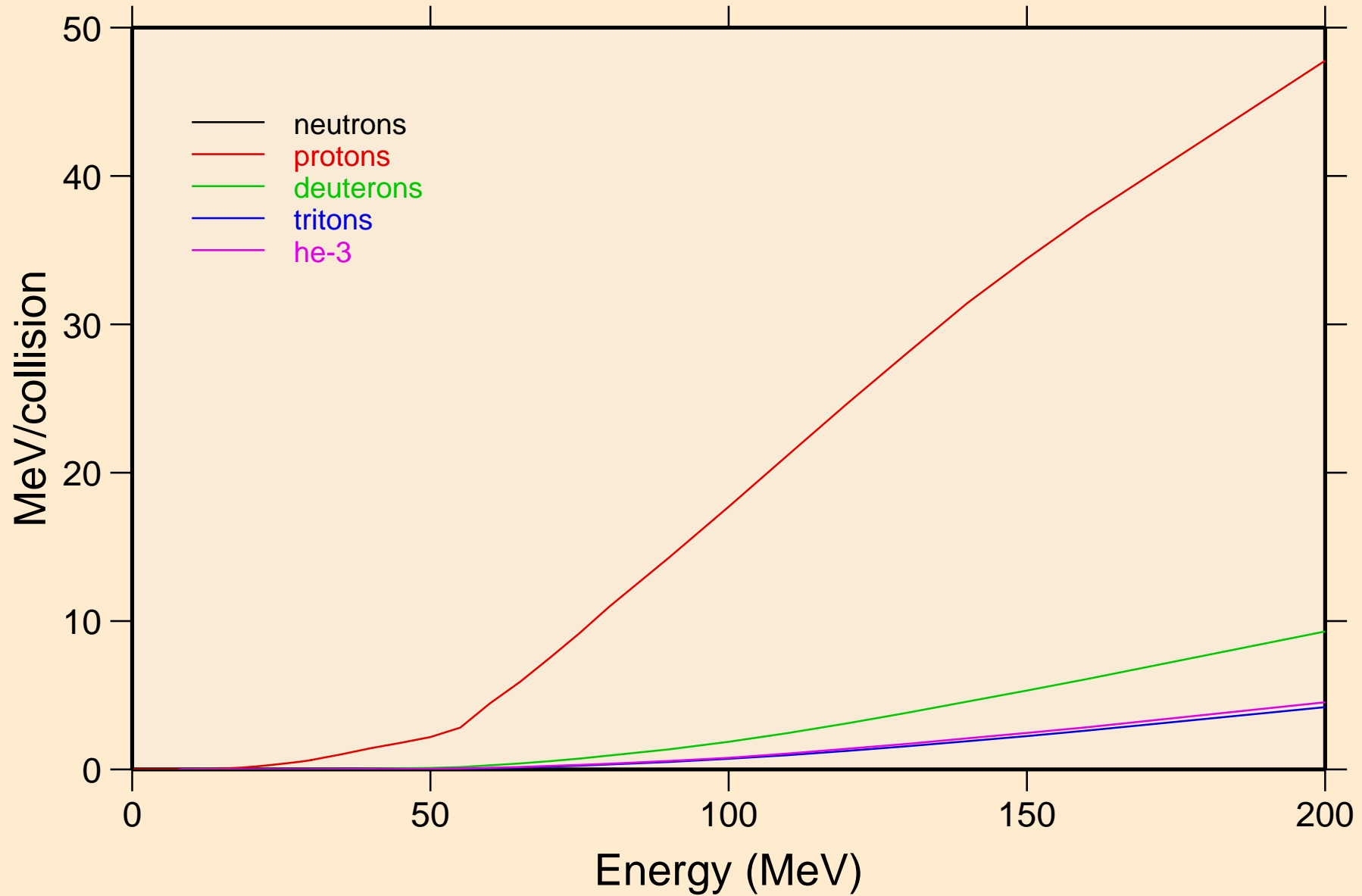


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

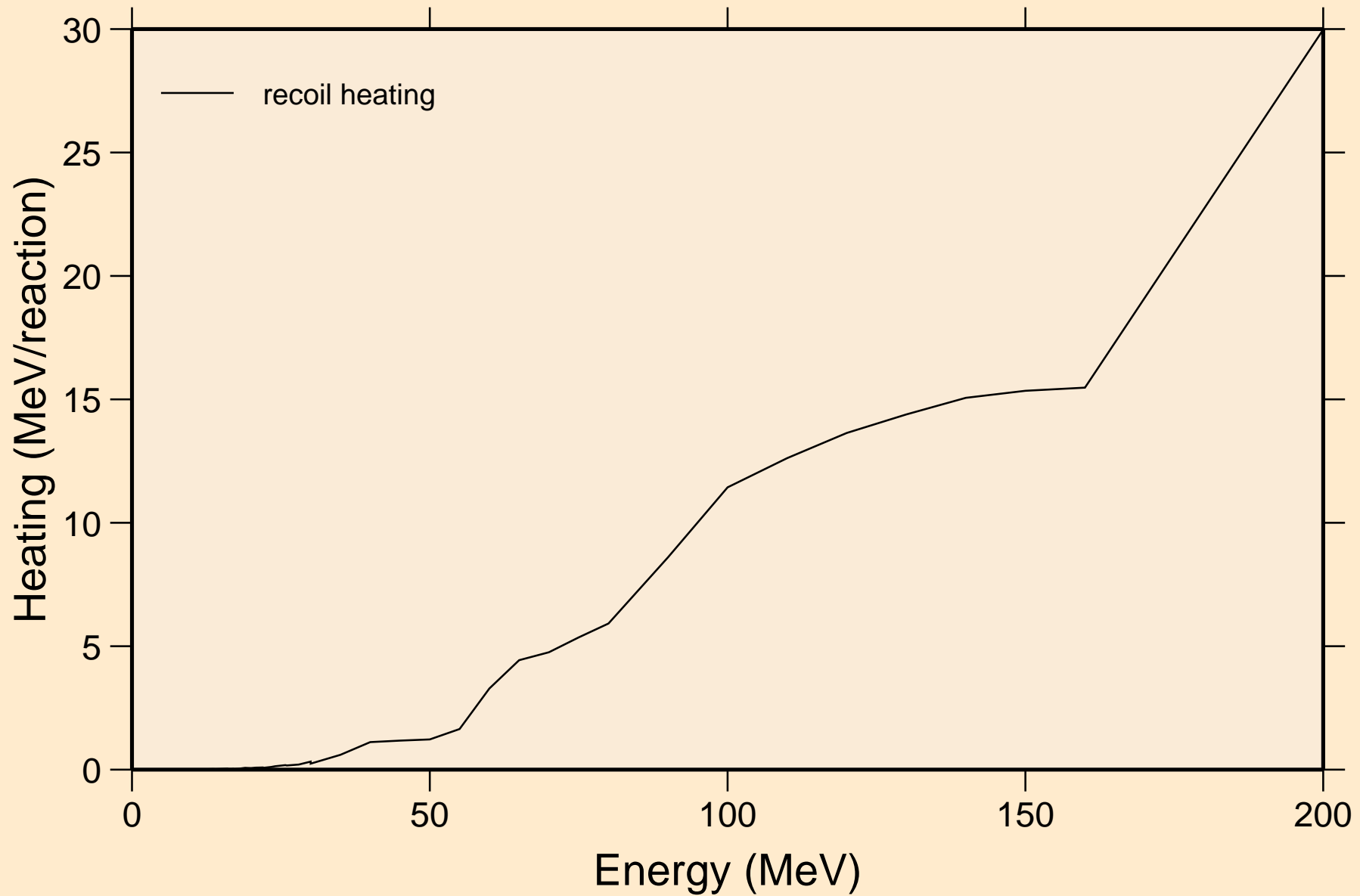


# FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

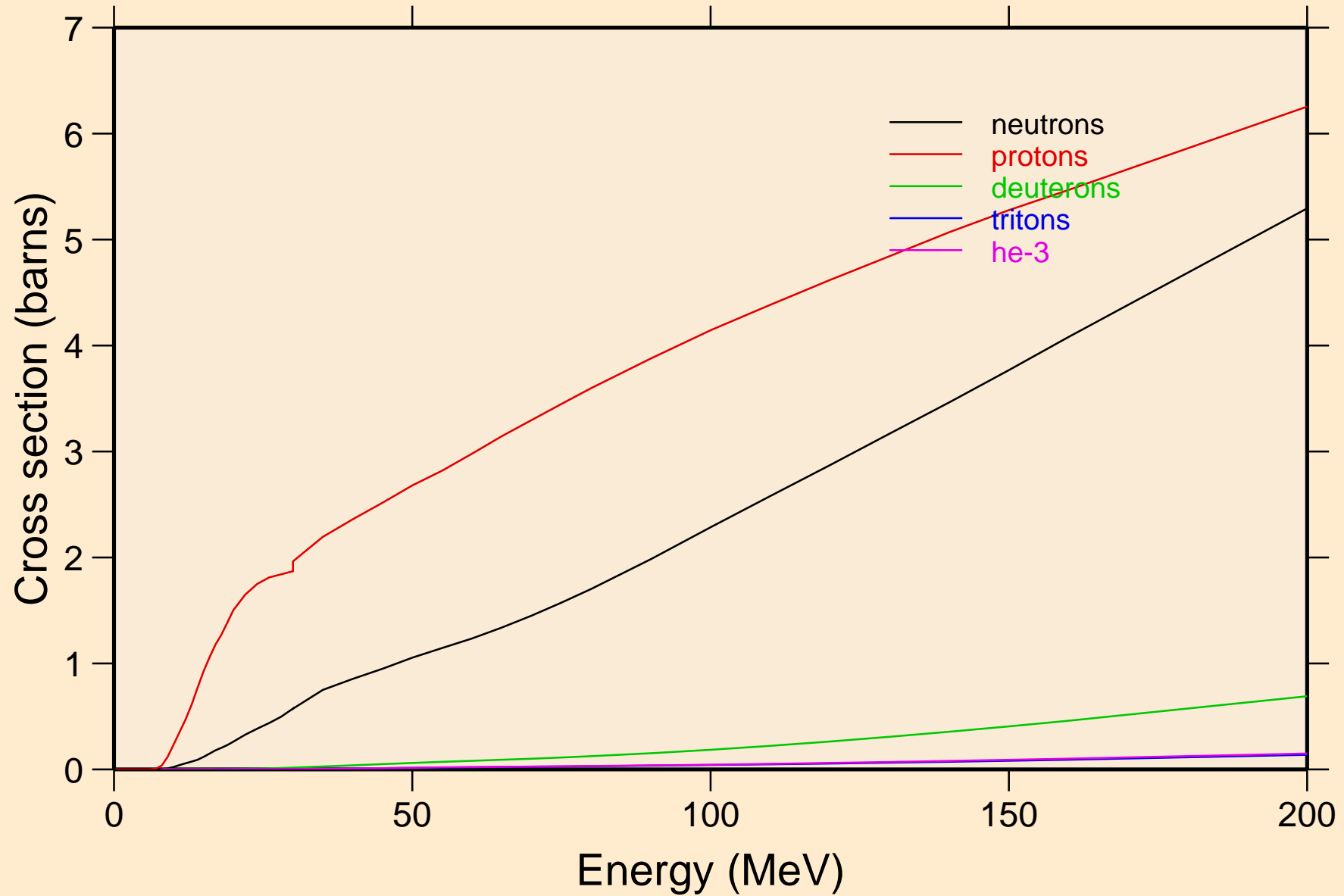
## Particle heating contributions



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

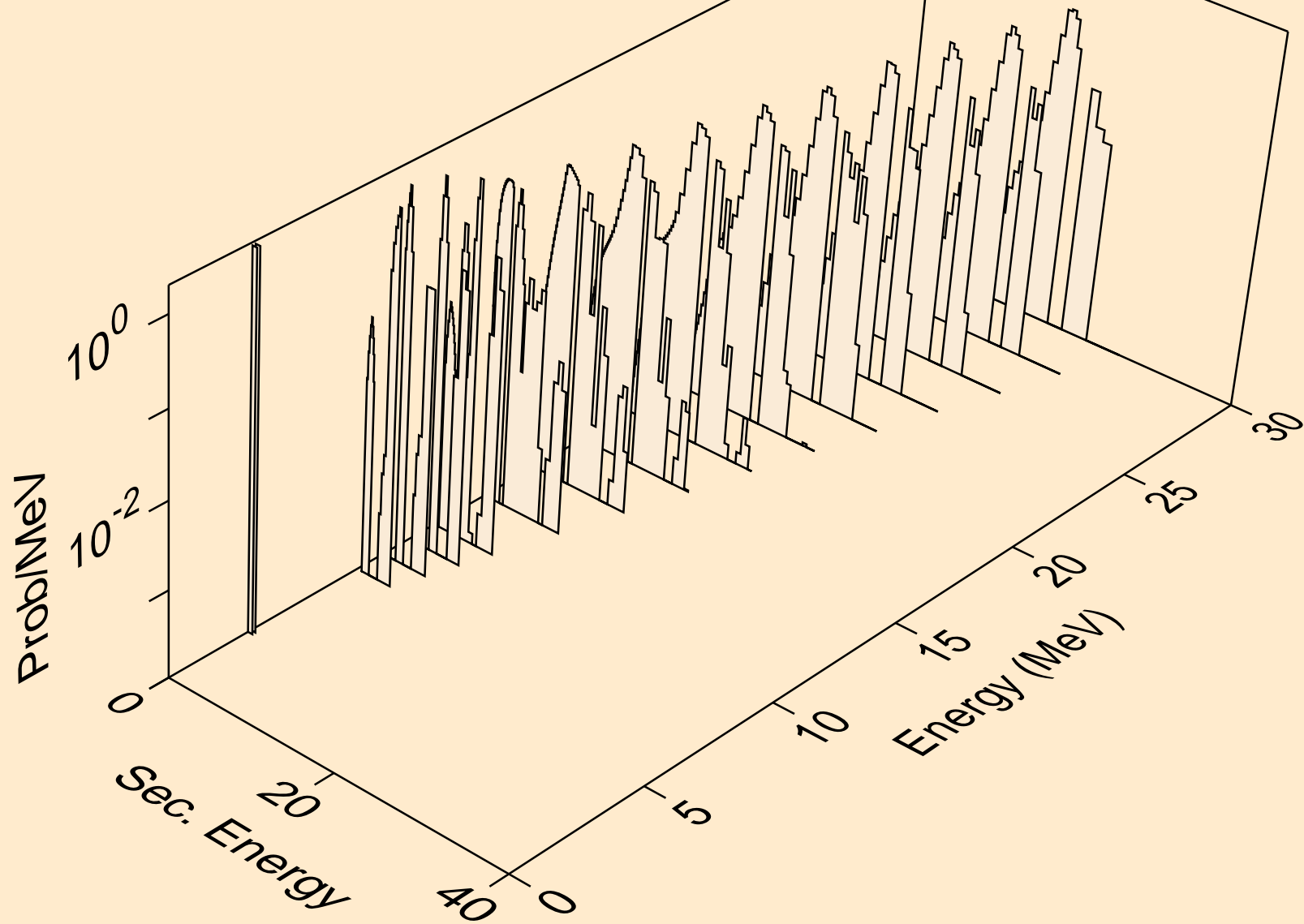


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

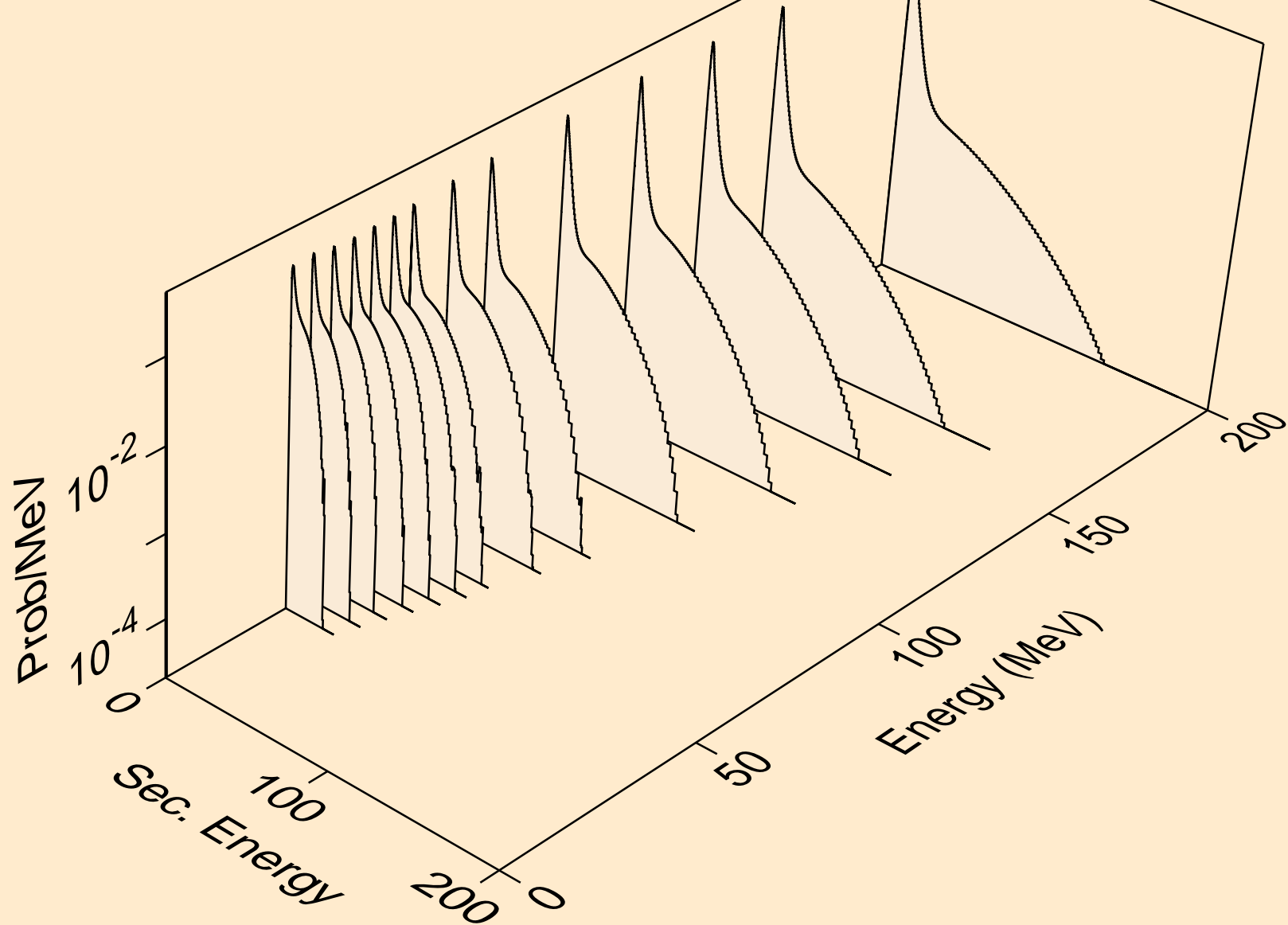




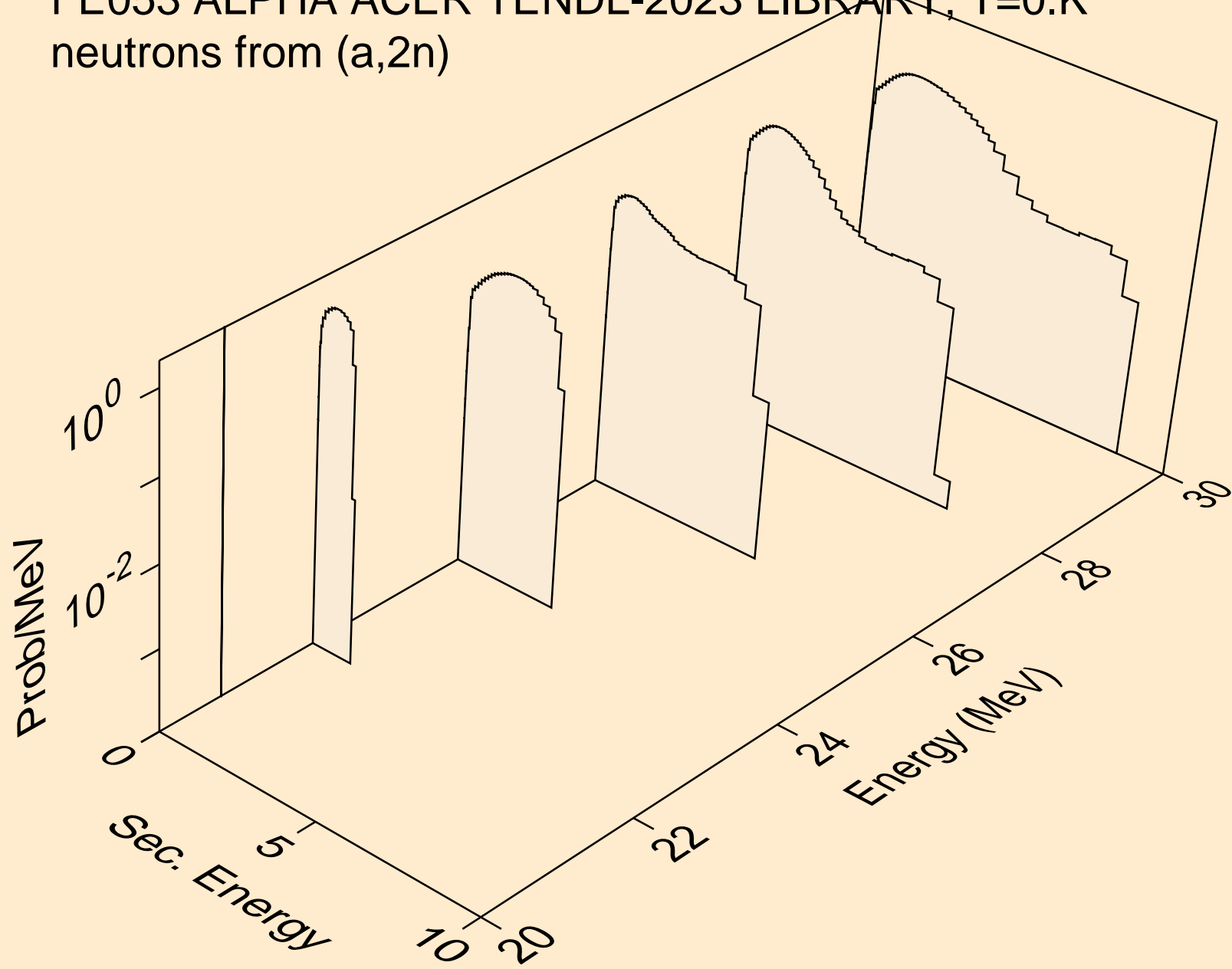
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



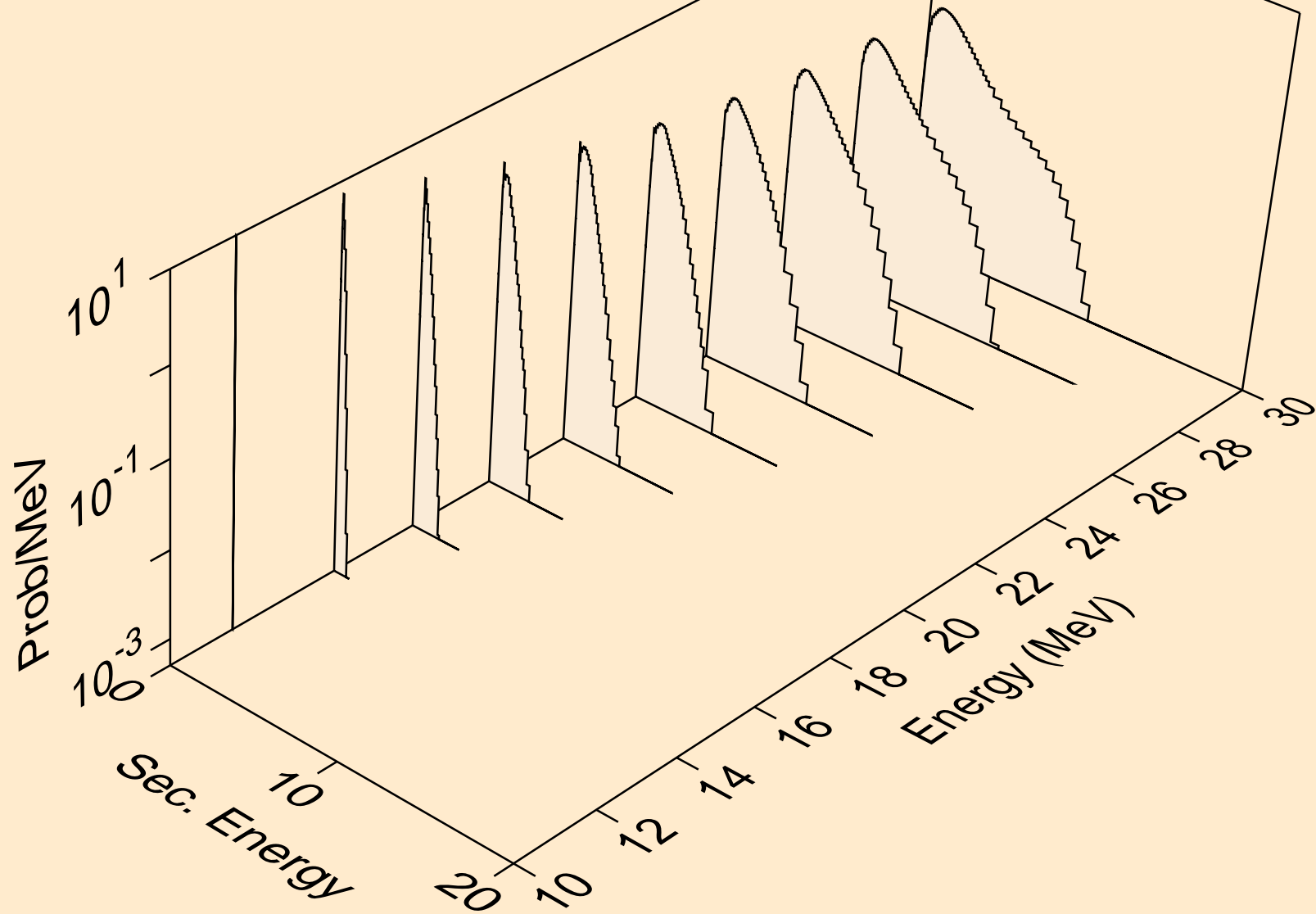
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



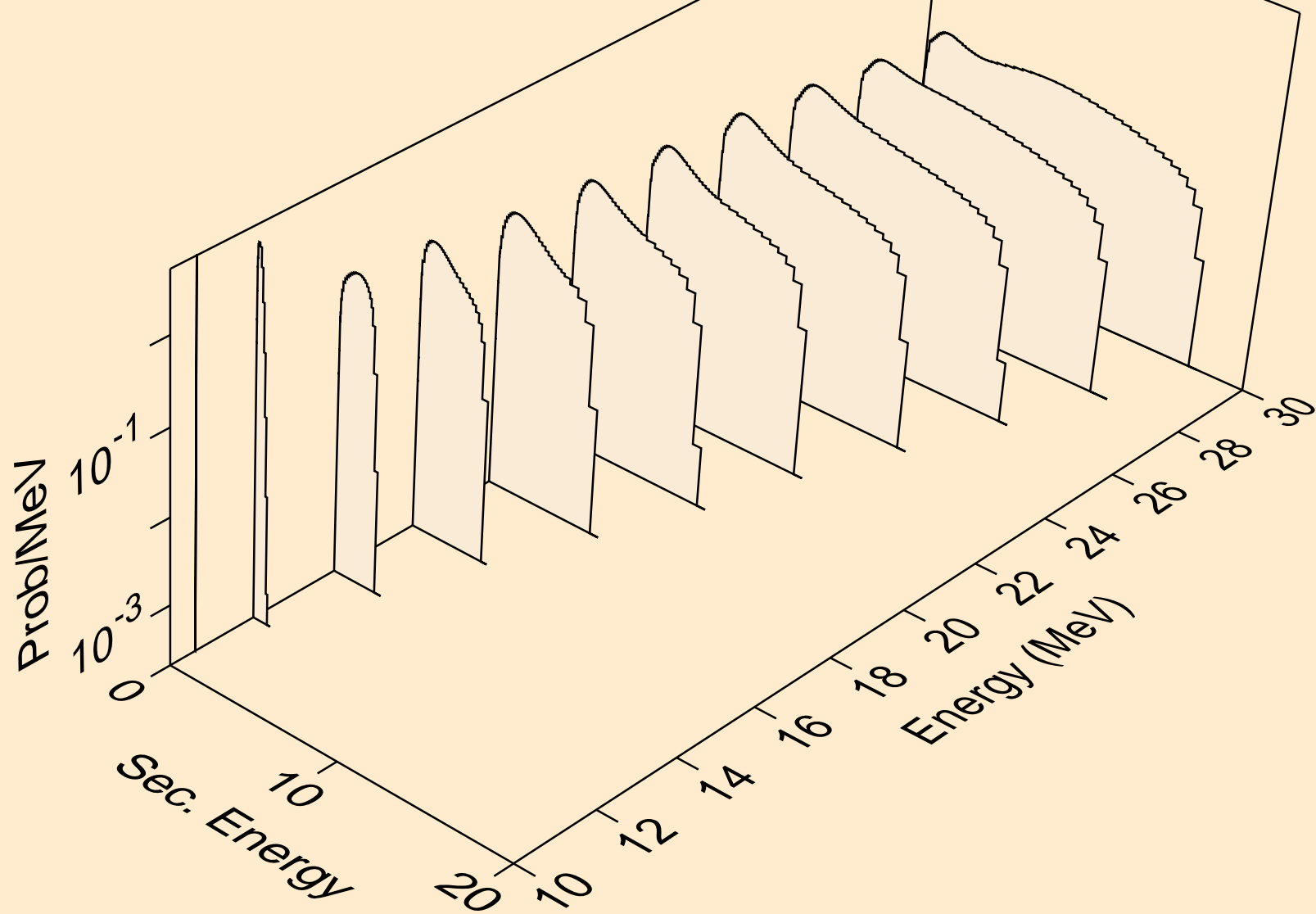
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



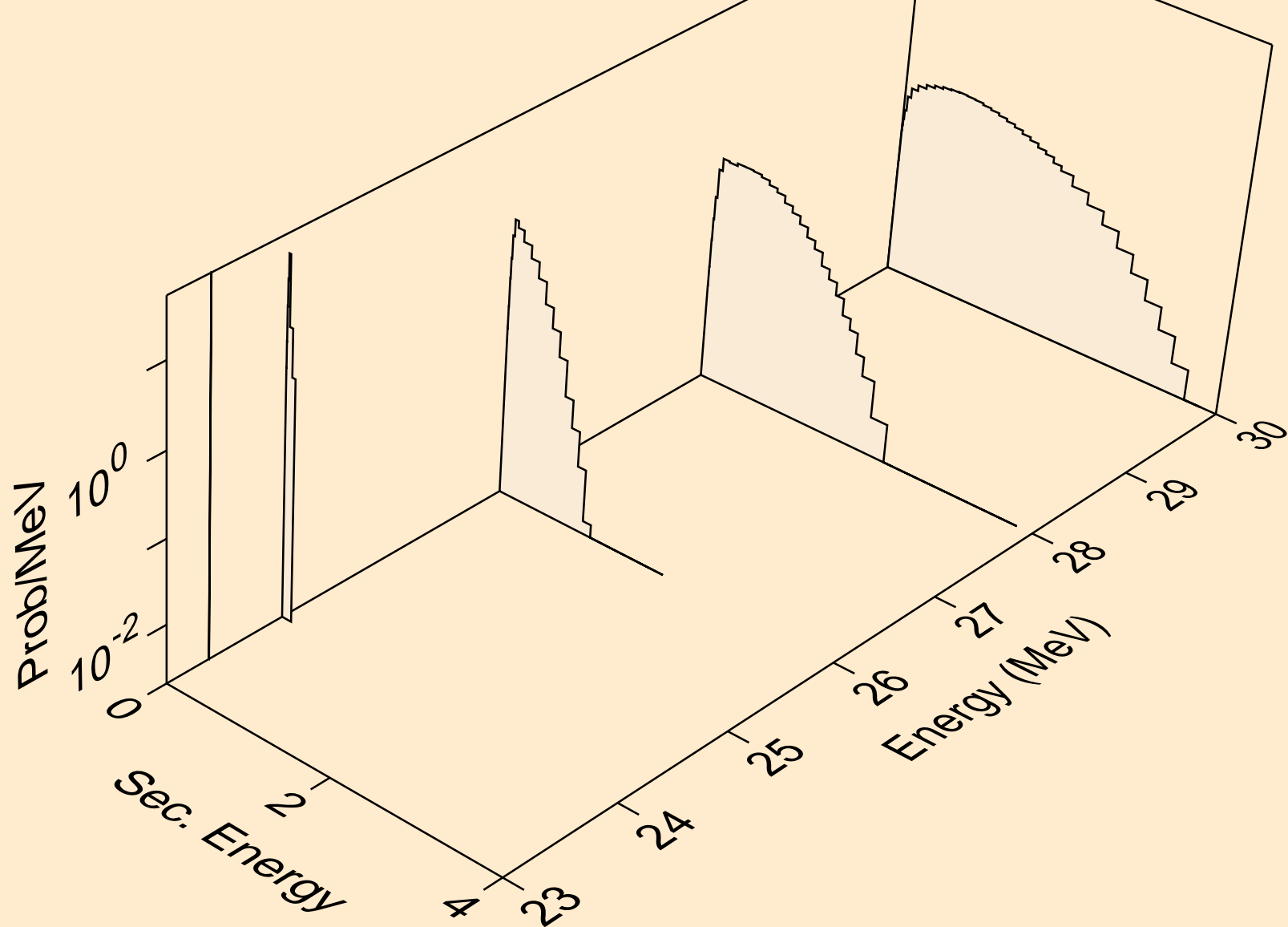
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



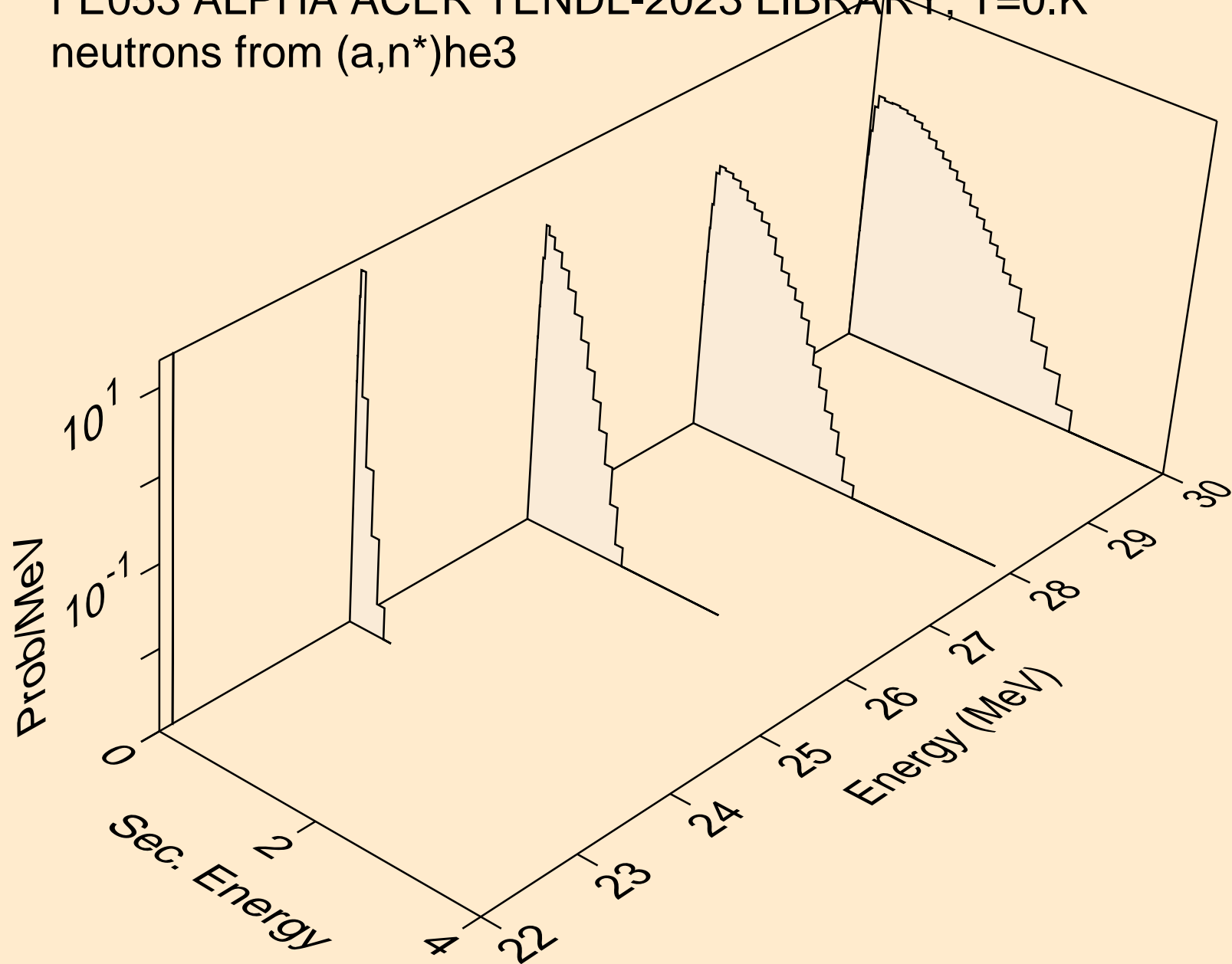
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



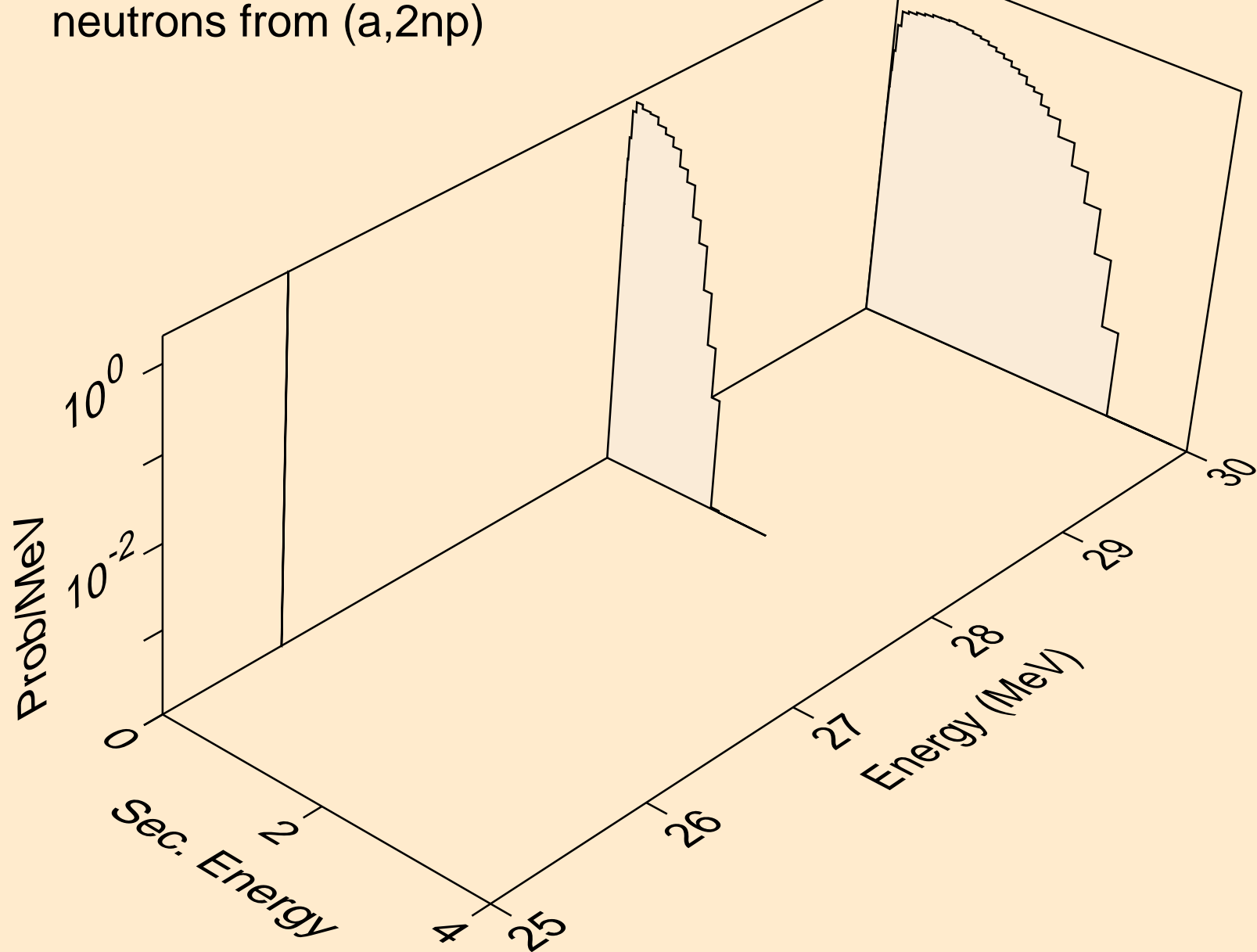
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

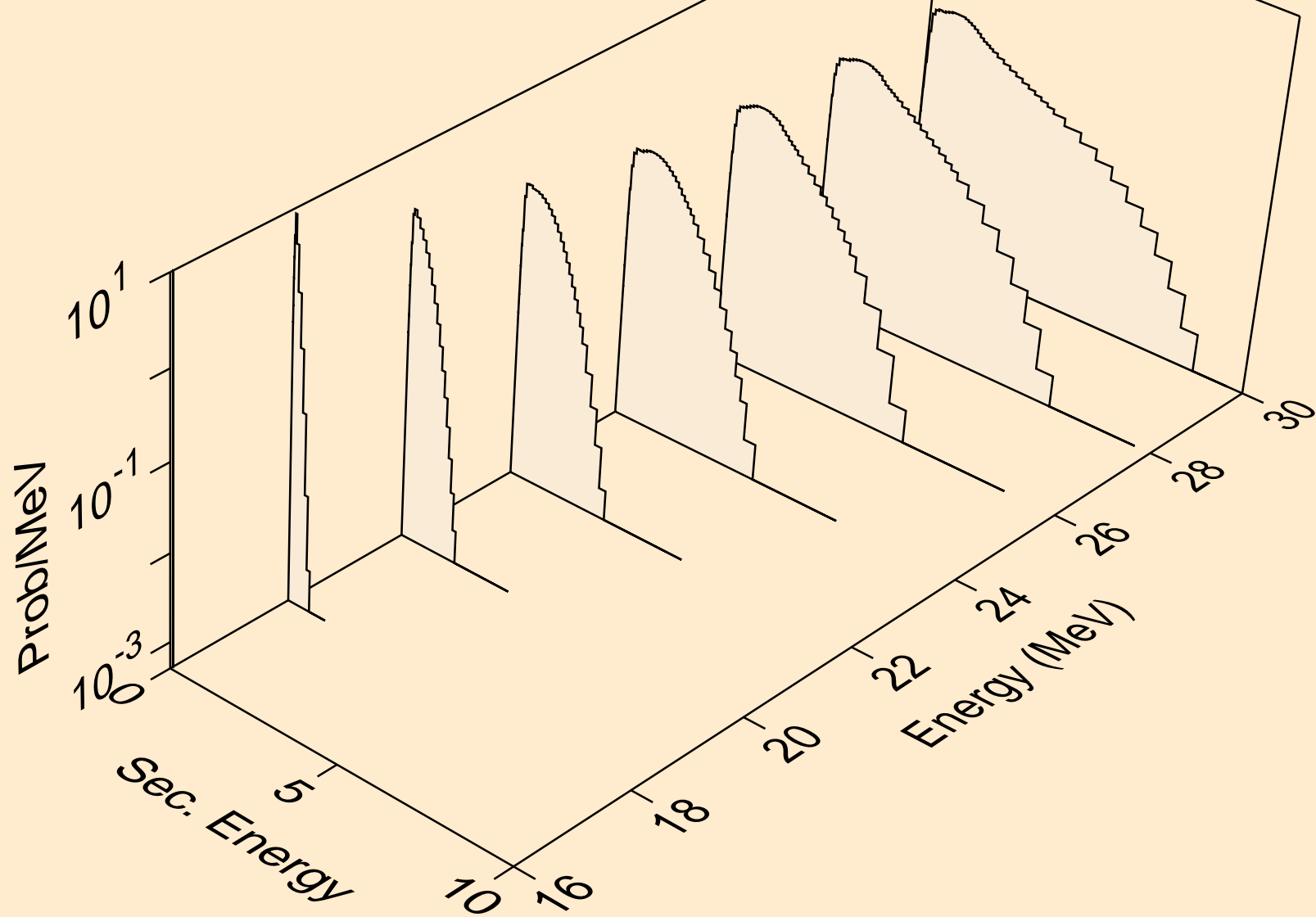


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

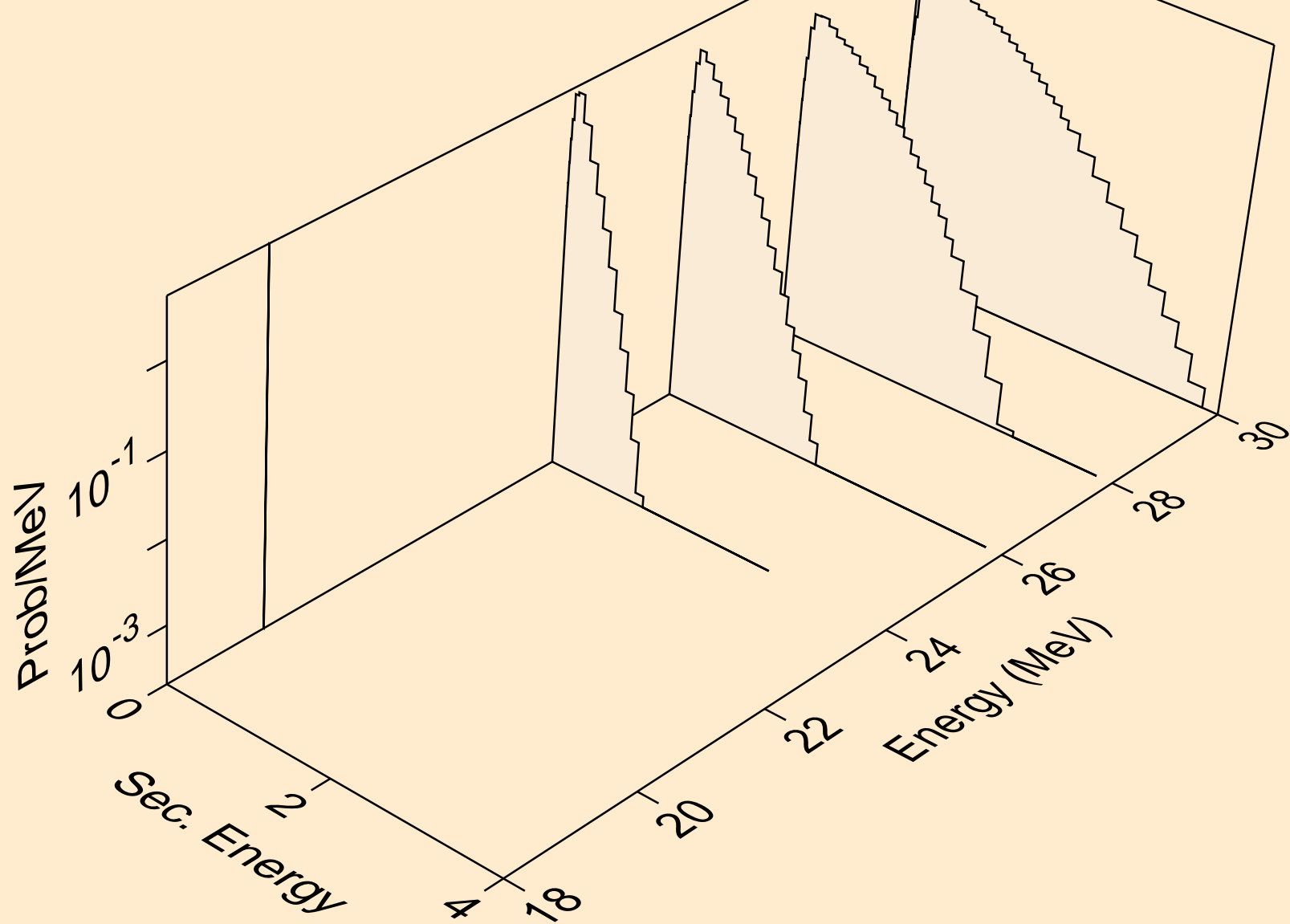




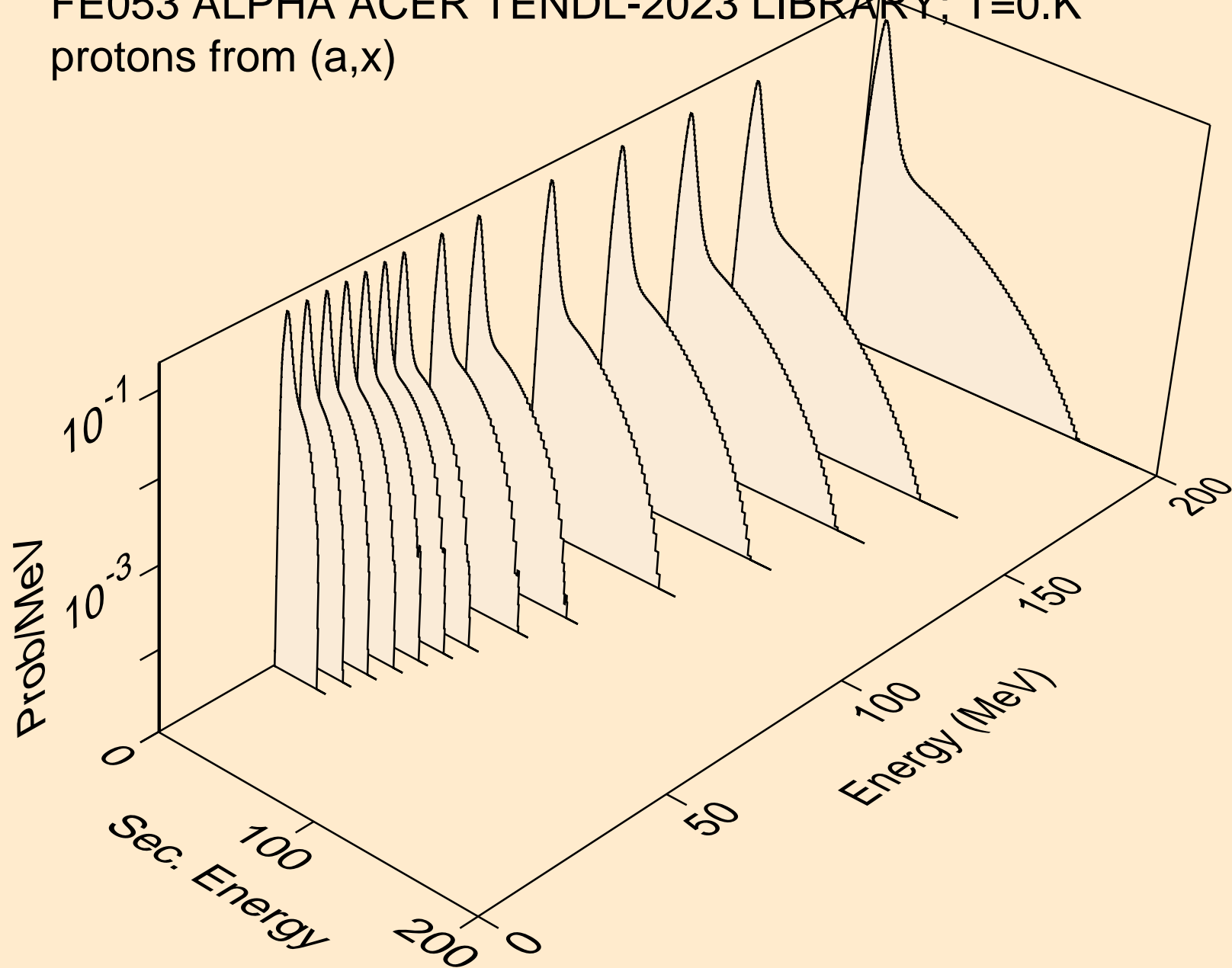
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



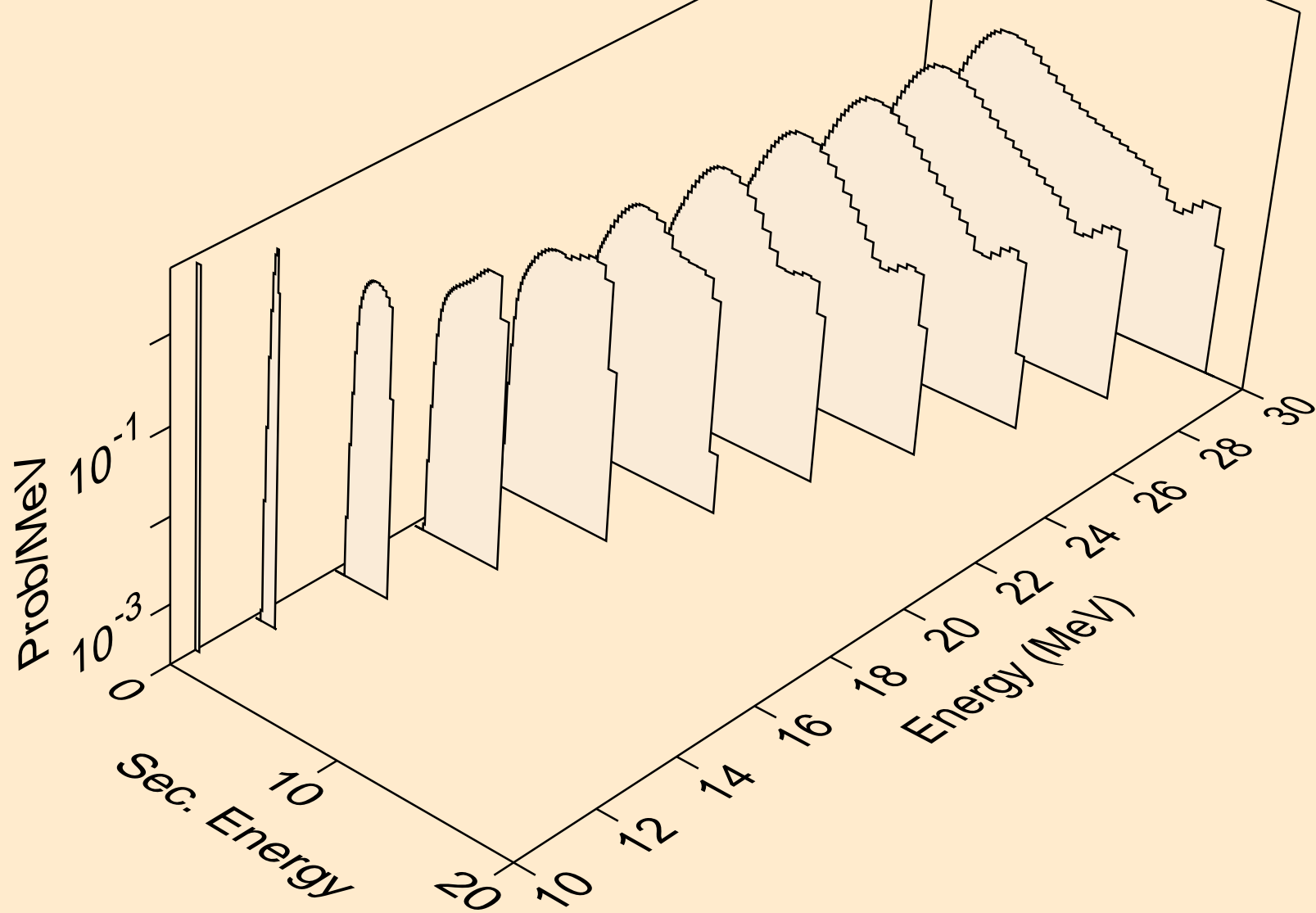
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



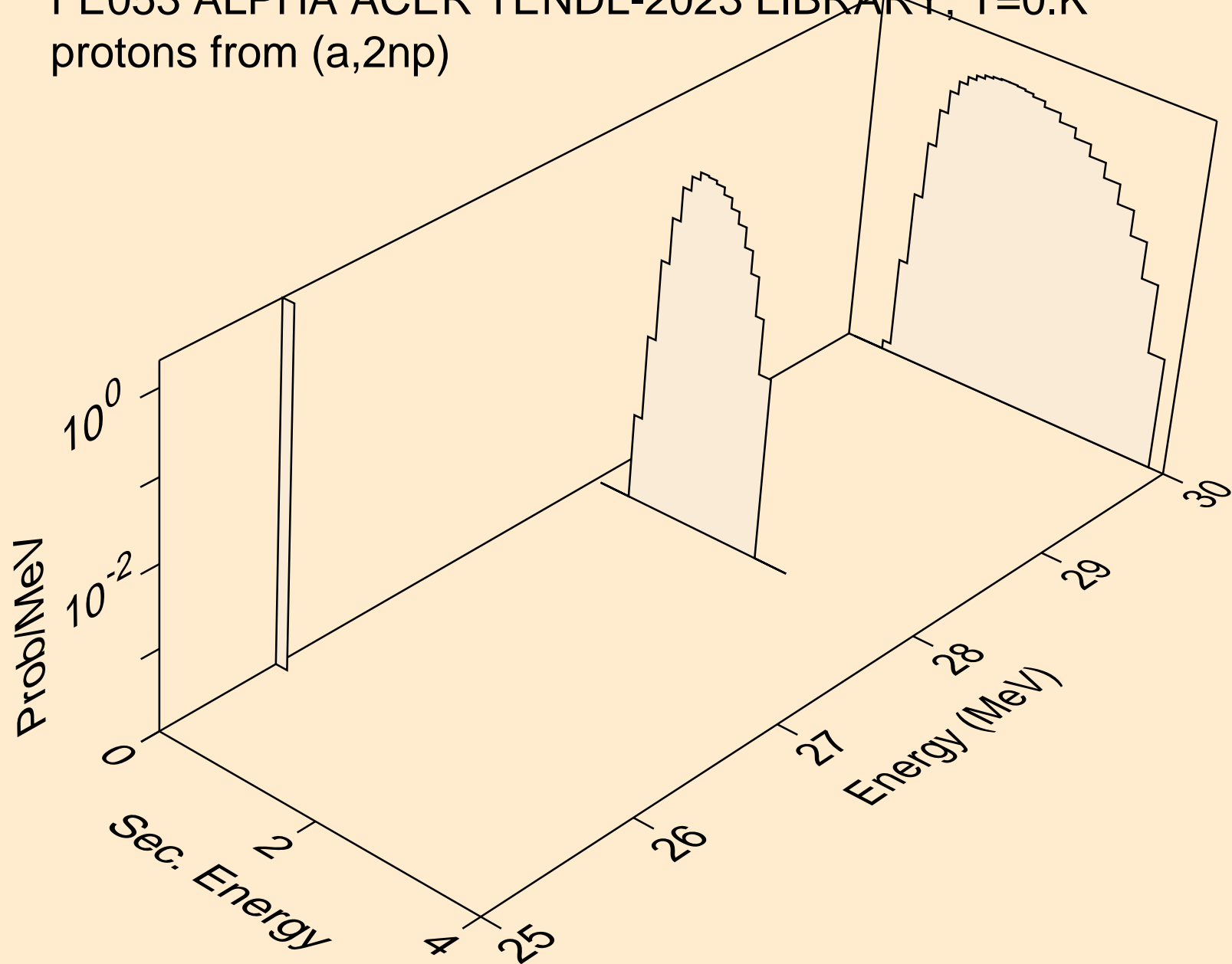
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



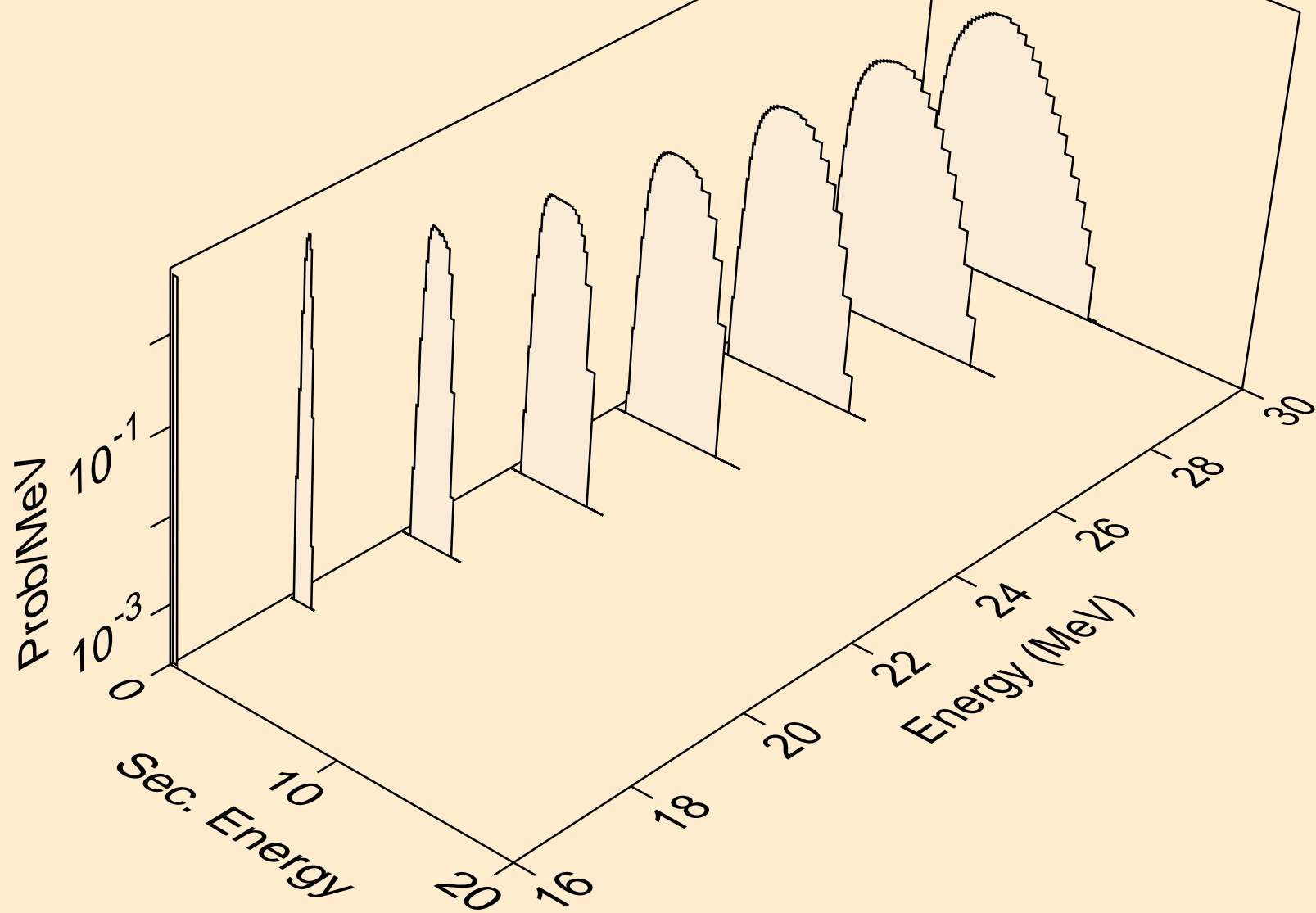
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



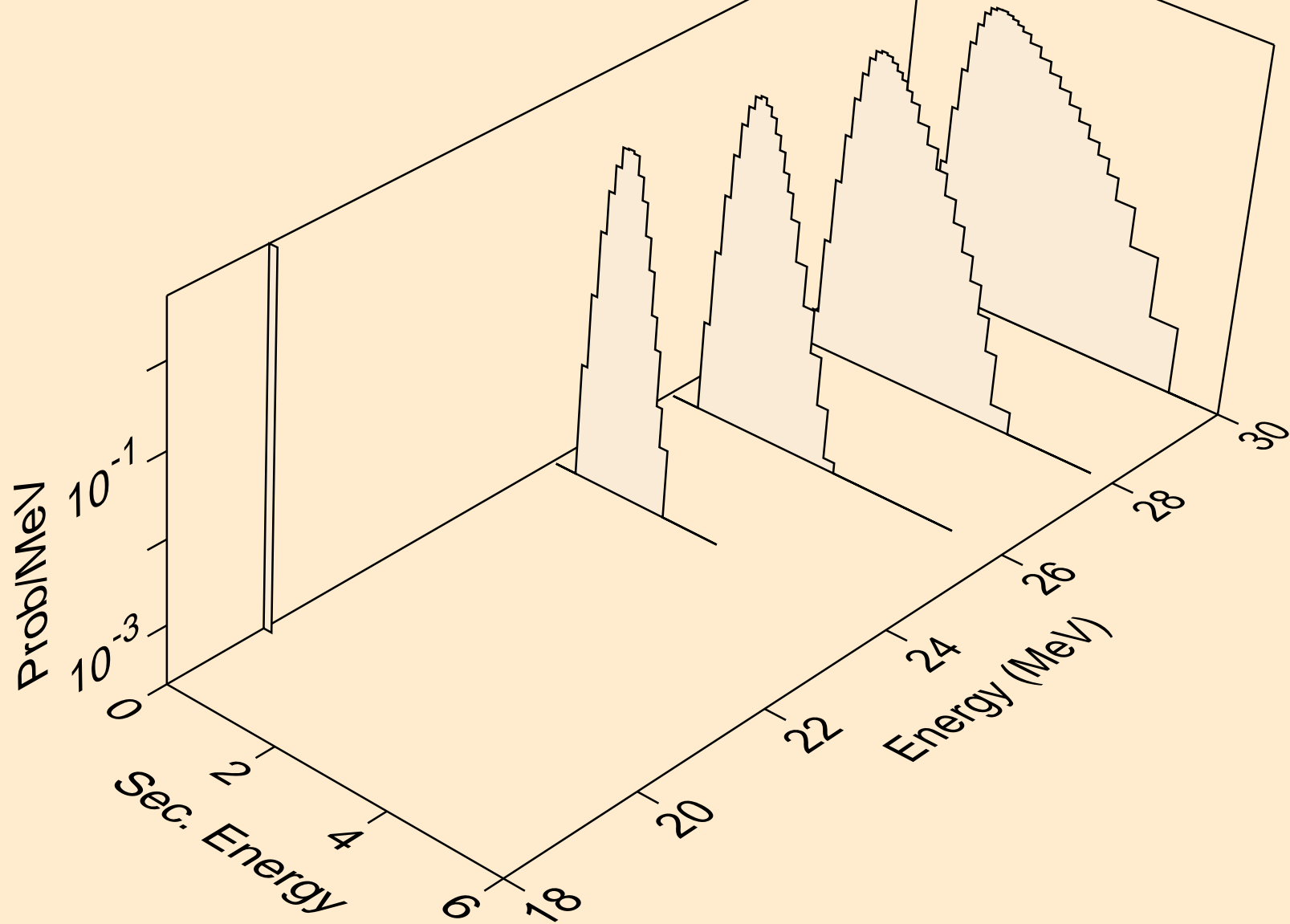
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protons from (a,2np)



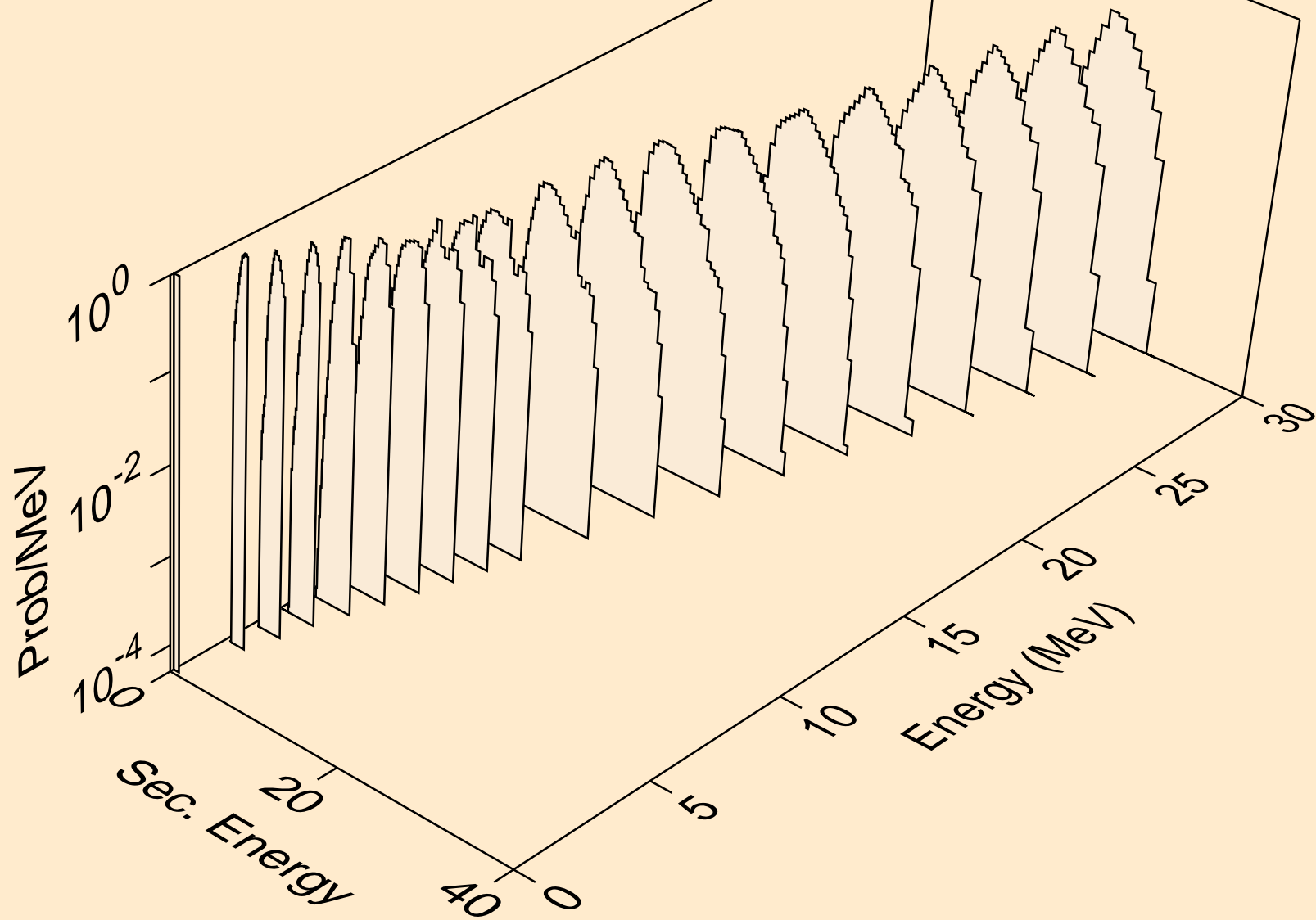
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)

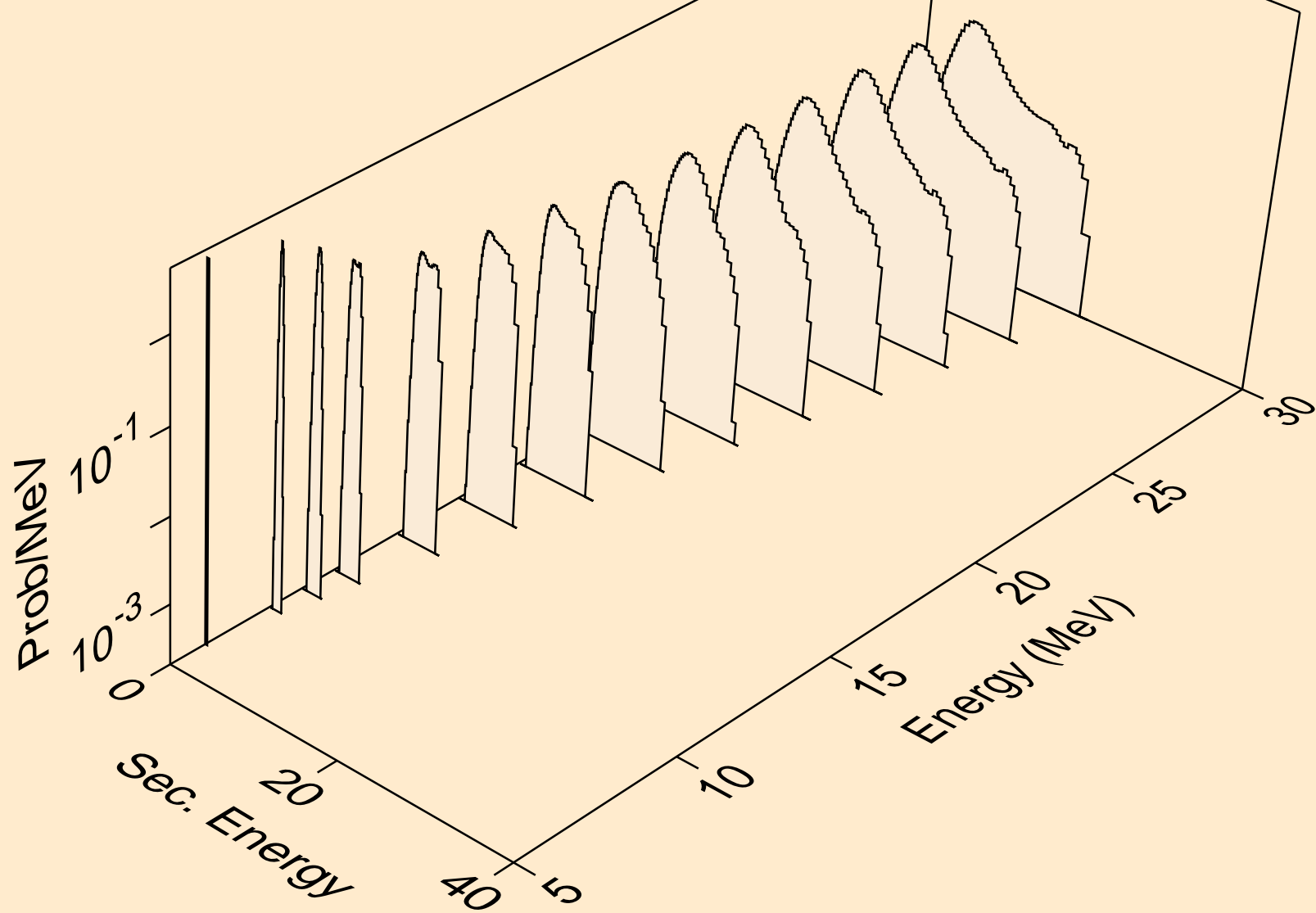


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

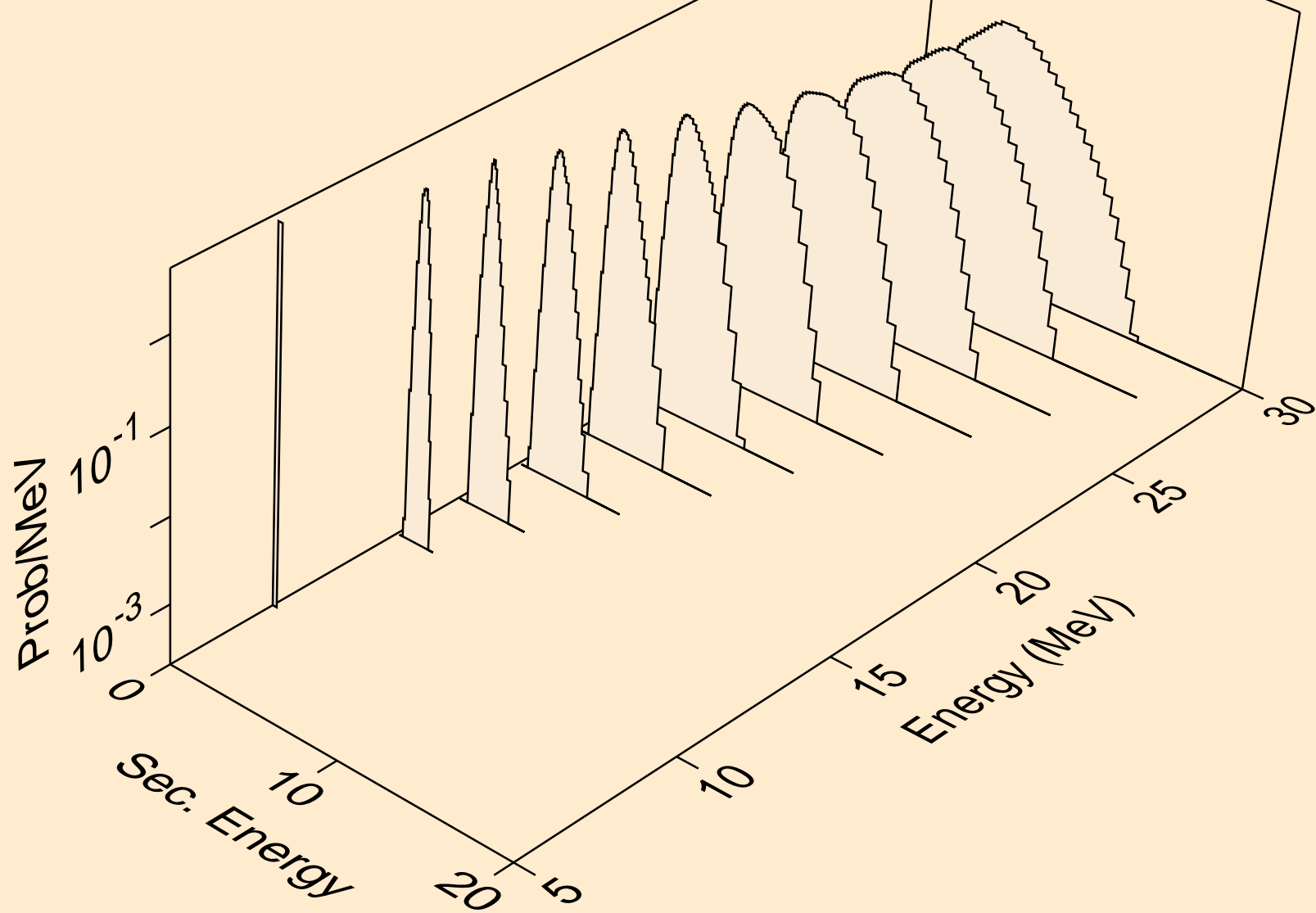




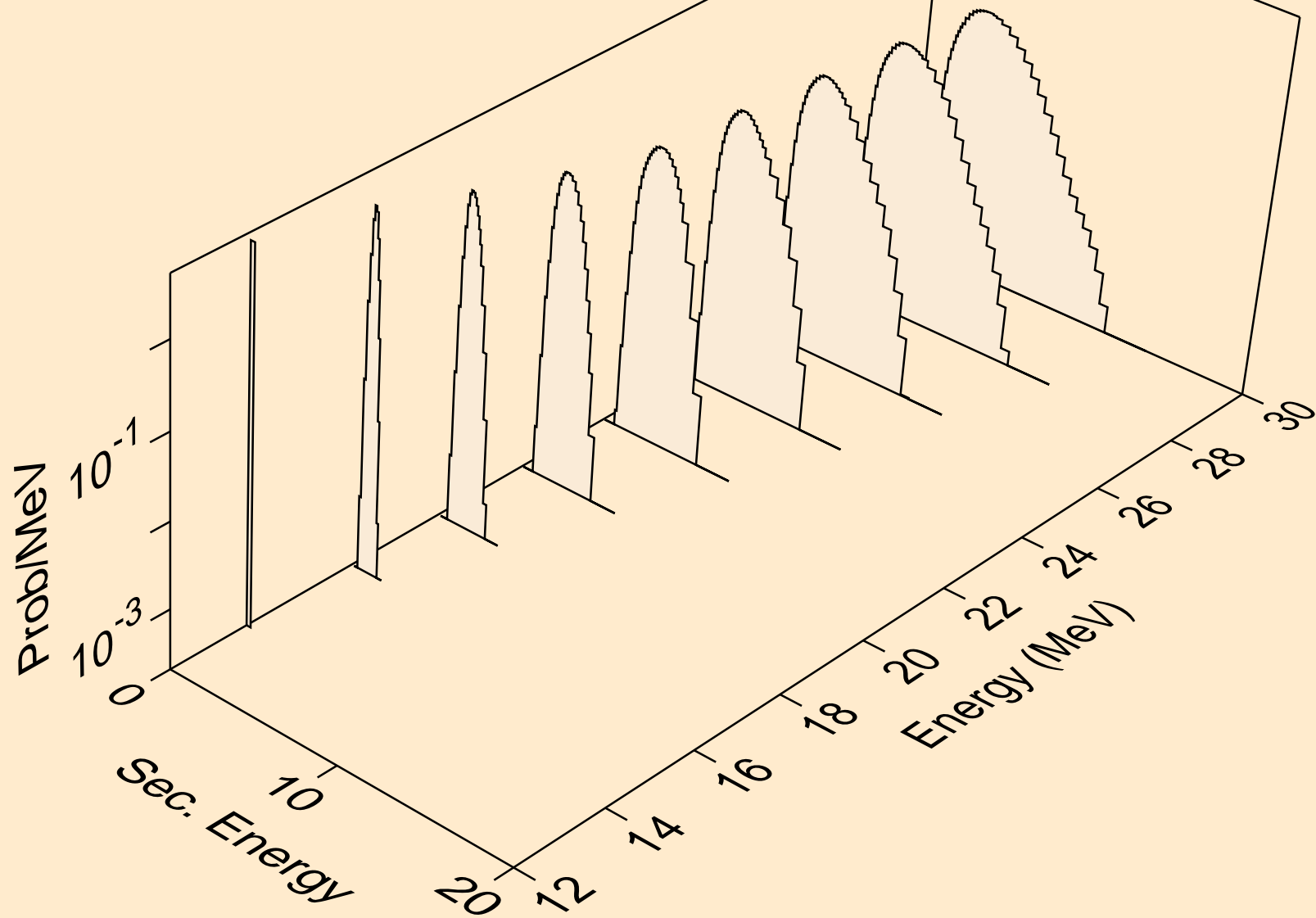
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



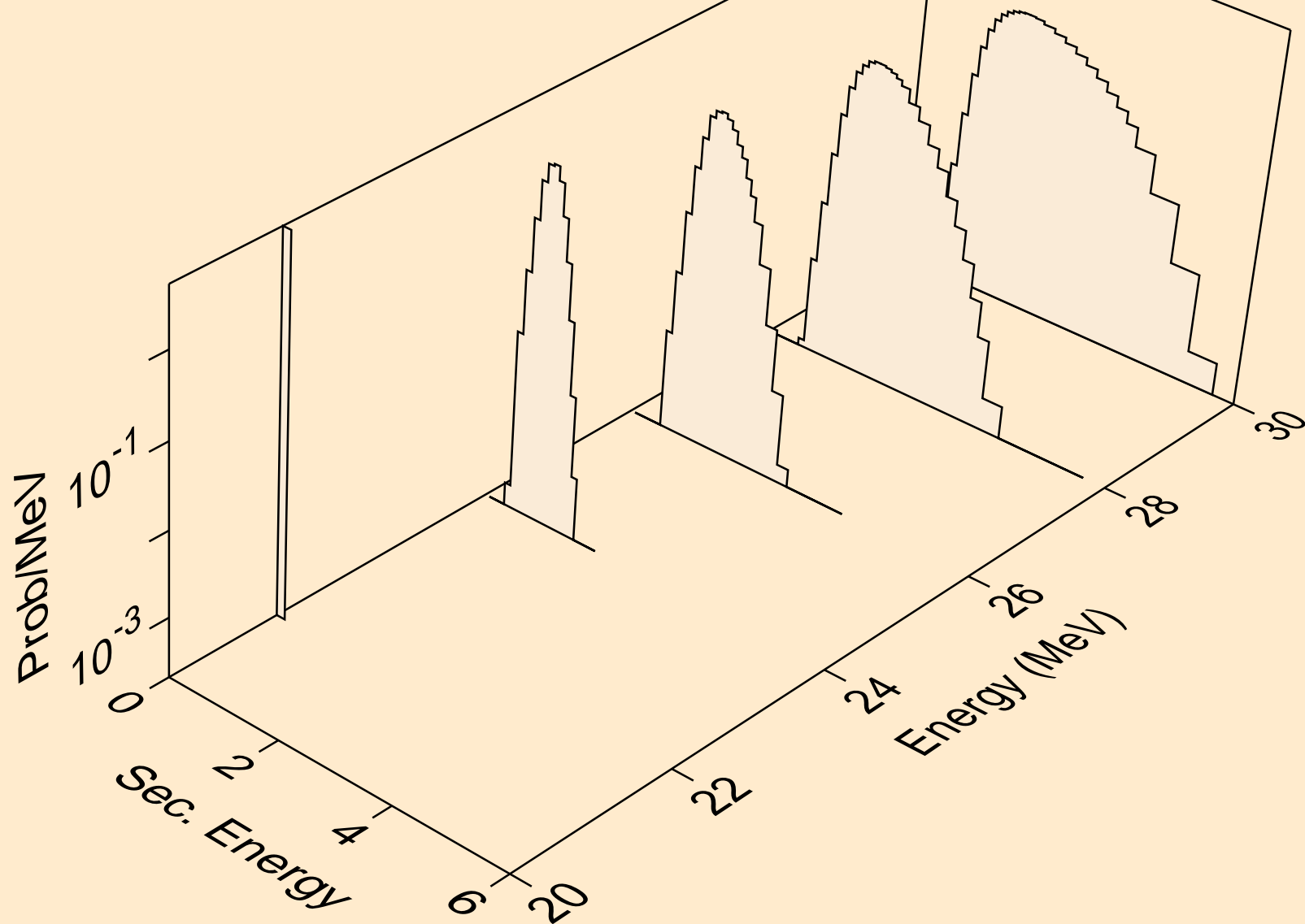
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



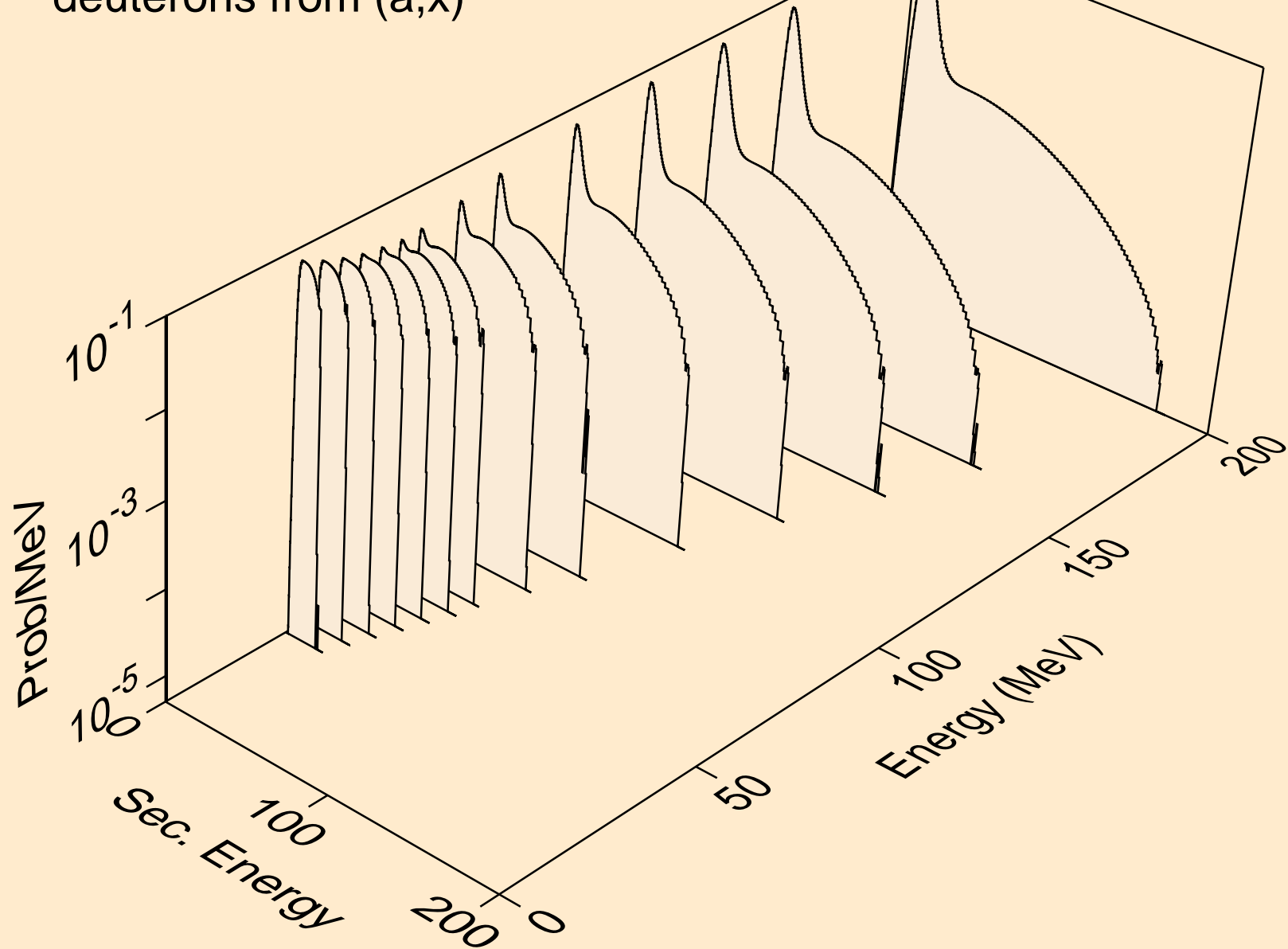
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



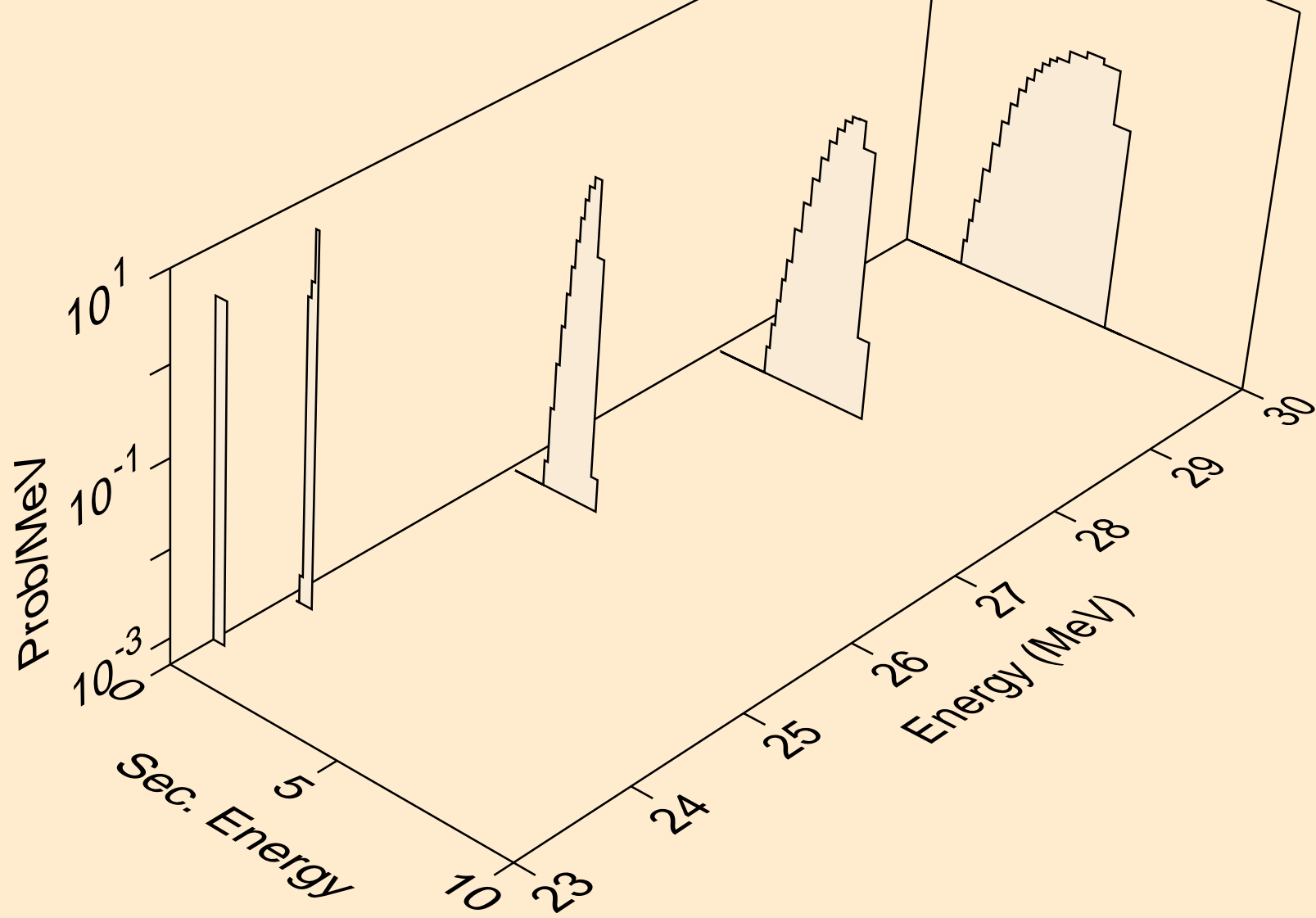
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



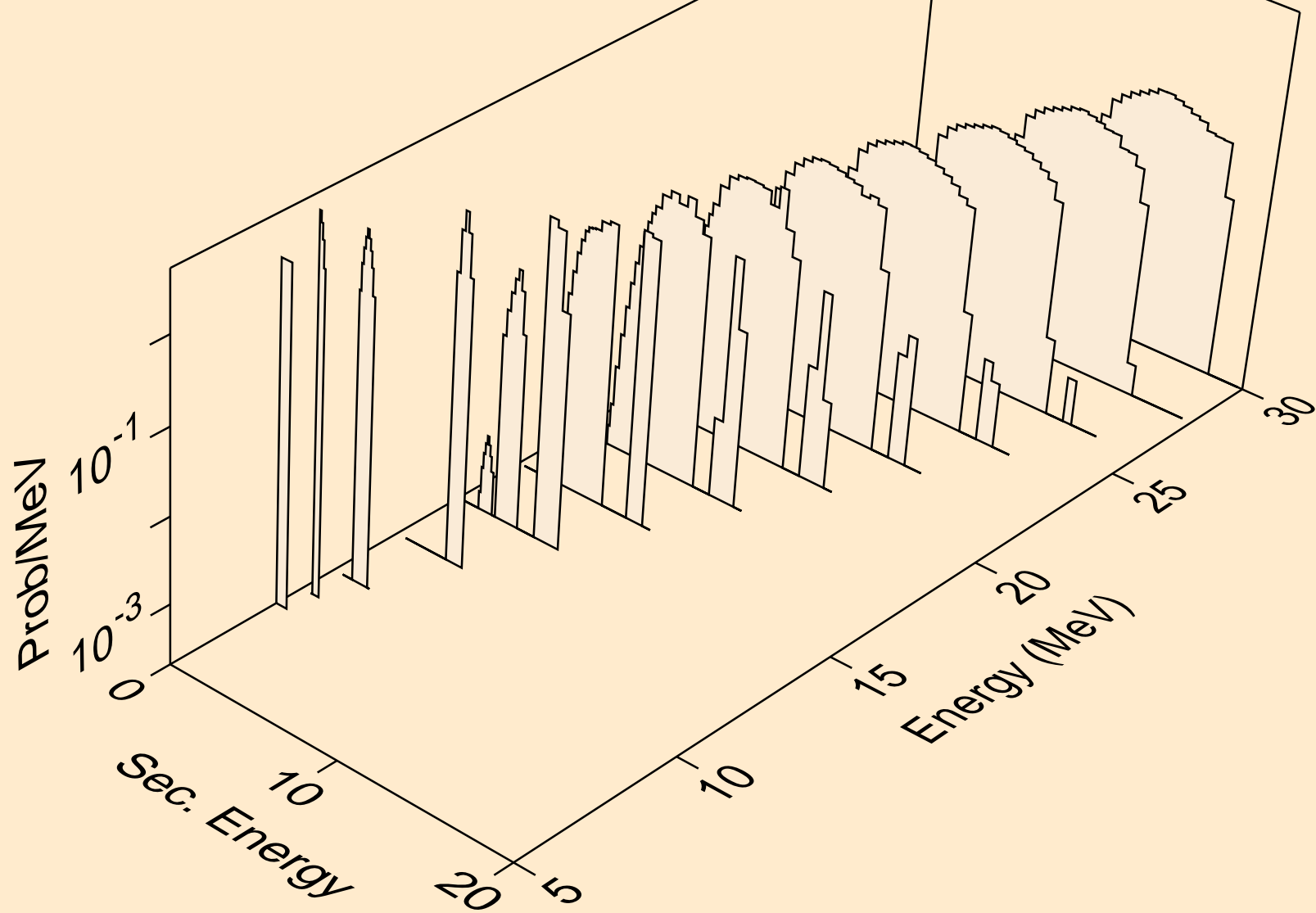
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



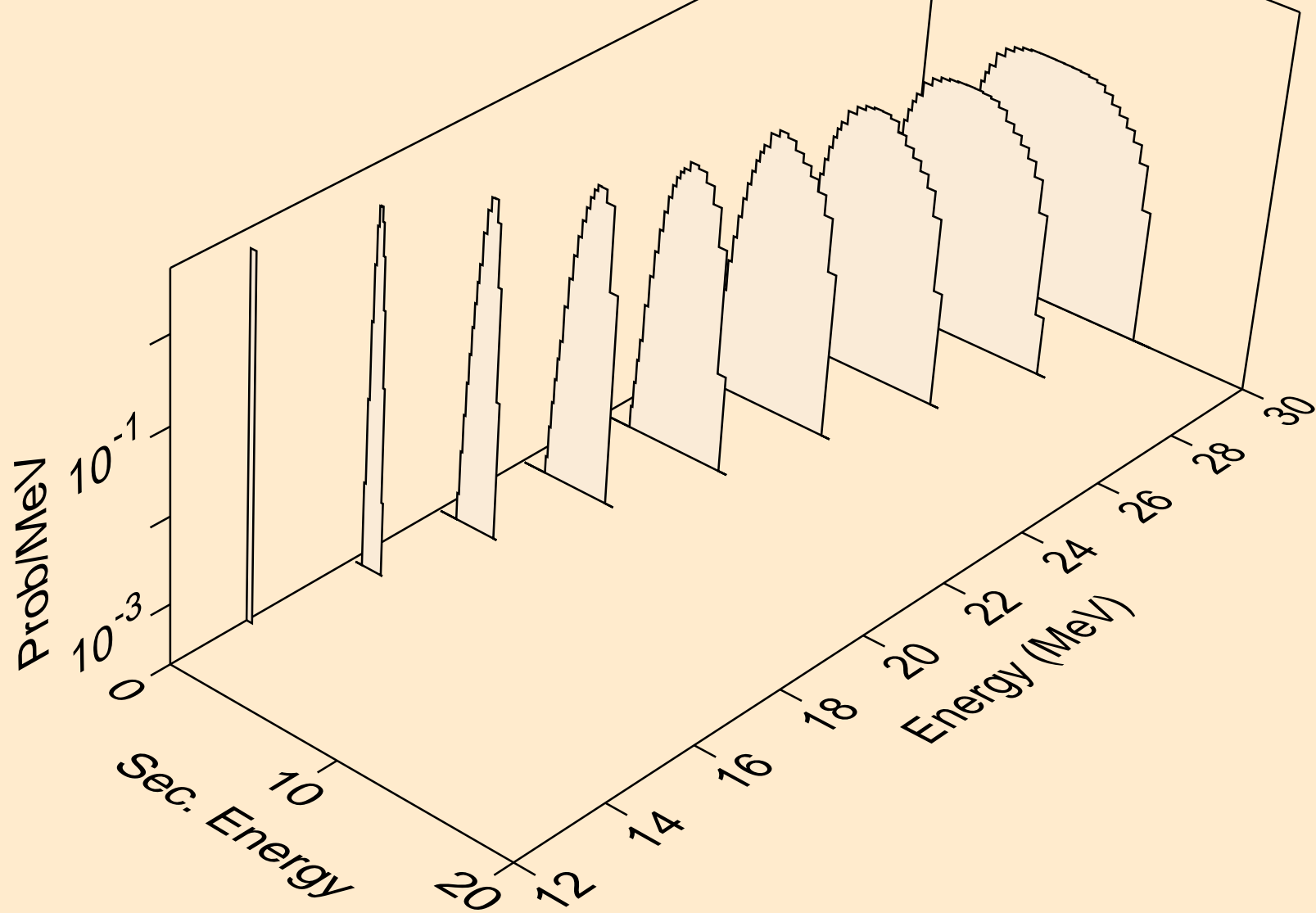
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

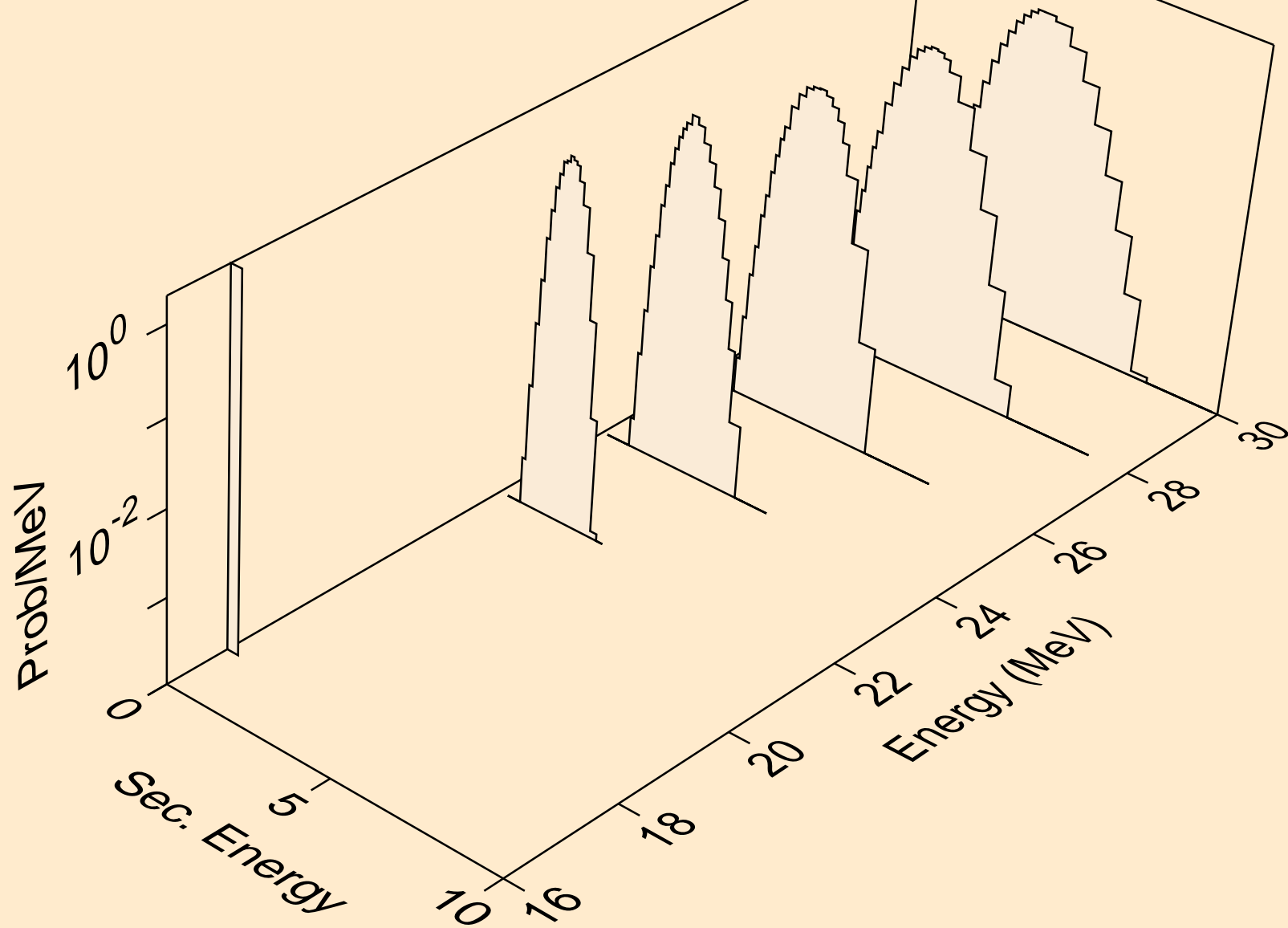


FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

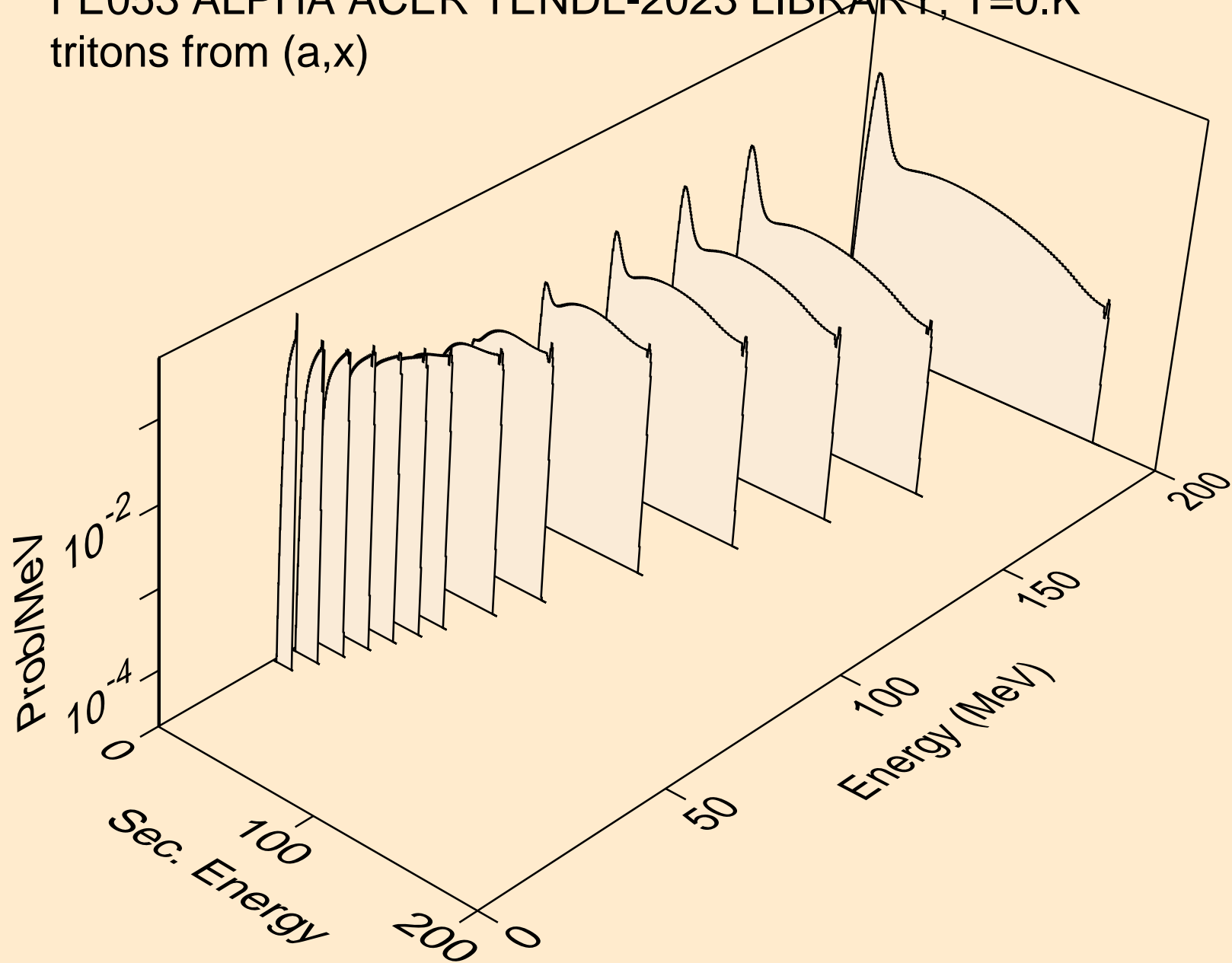




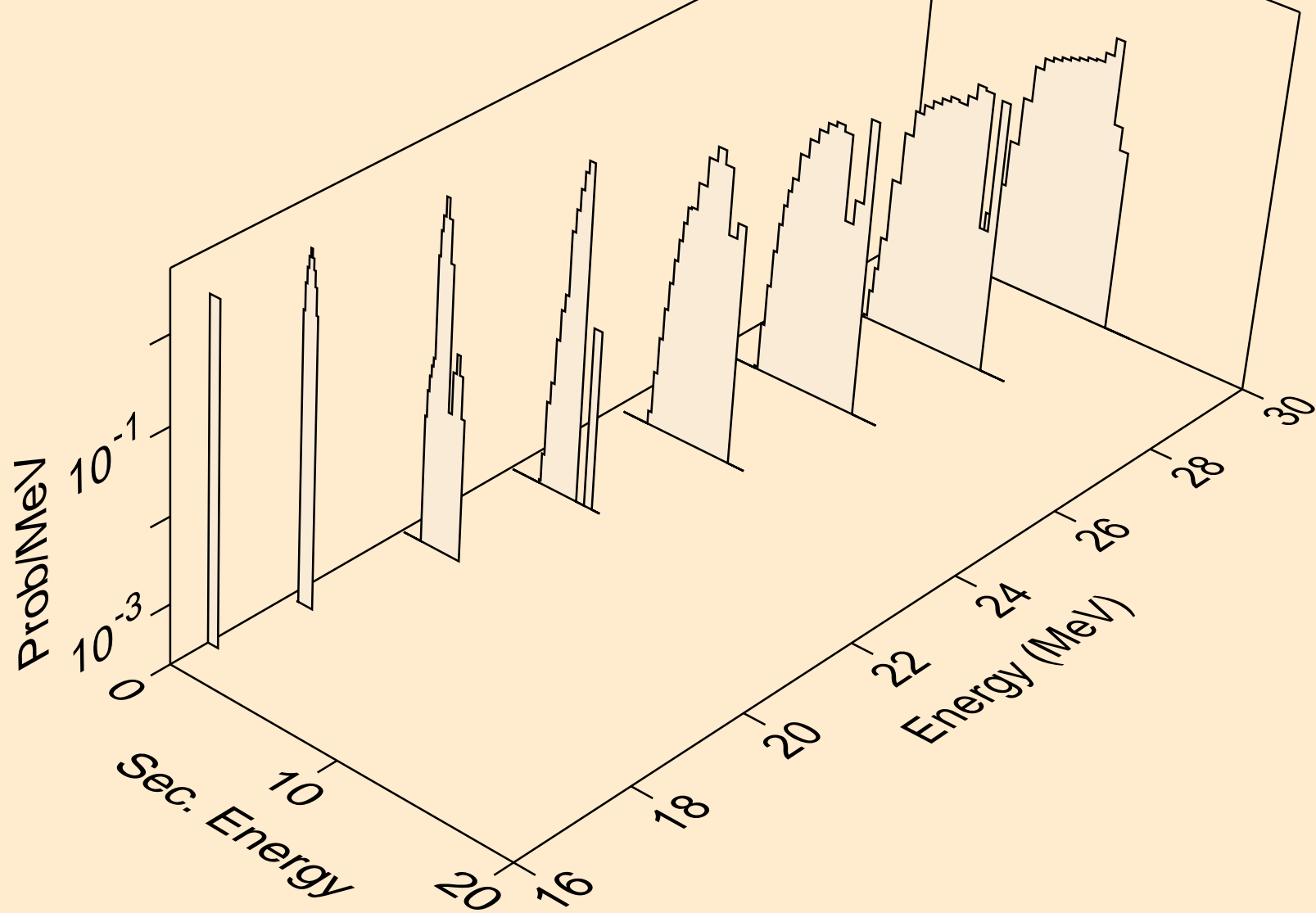
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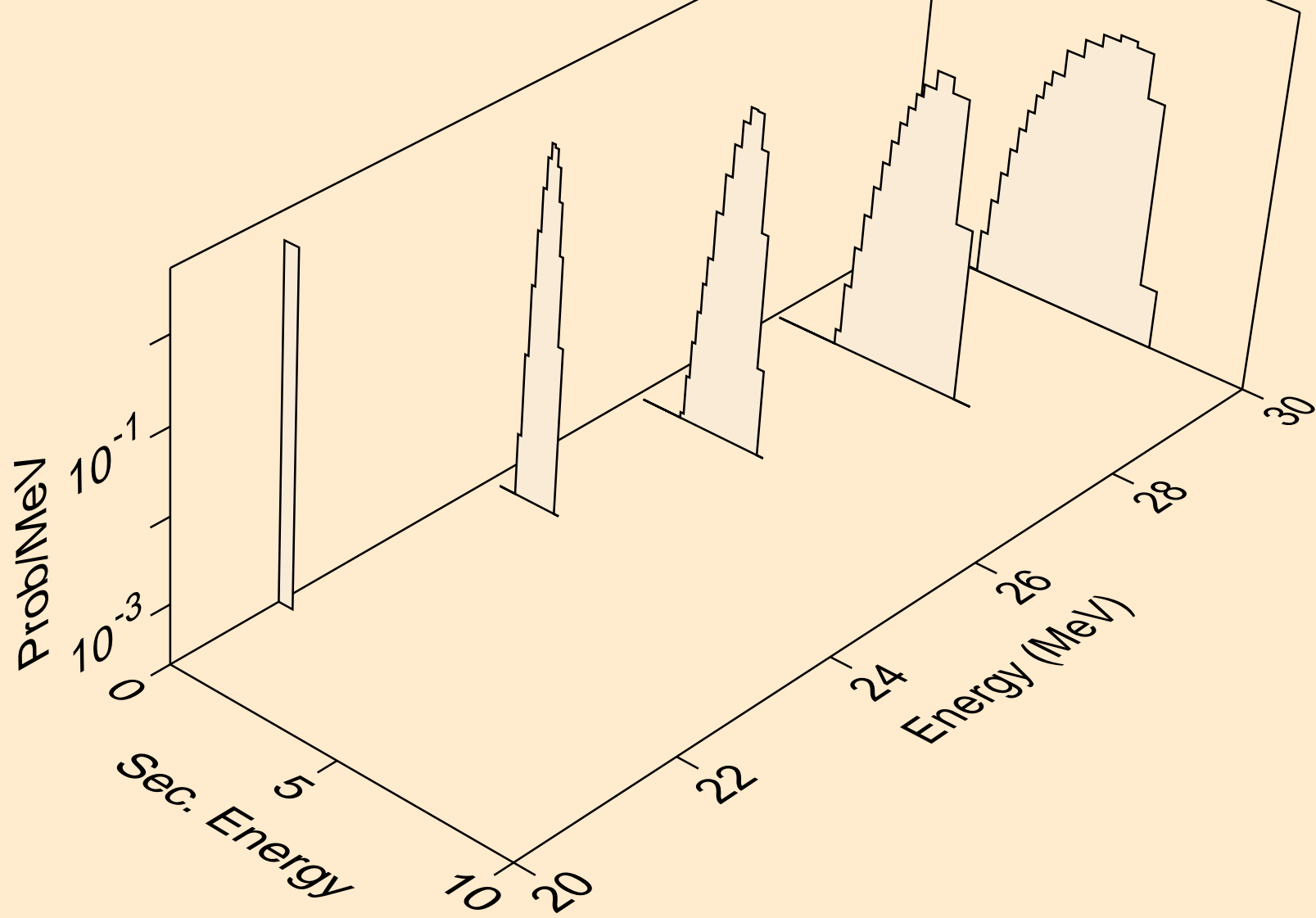
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



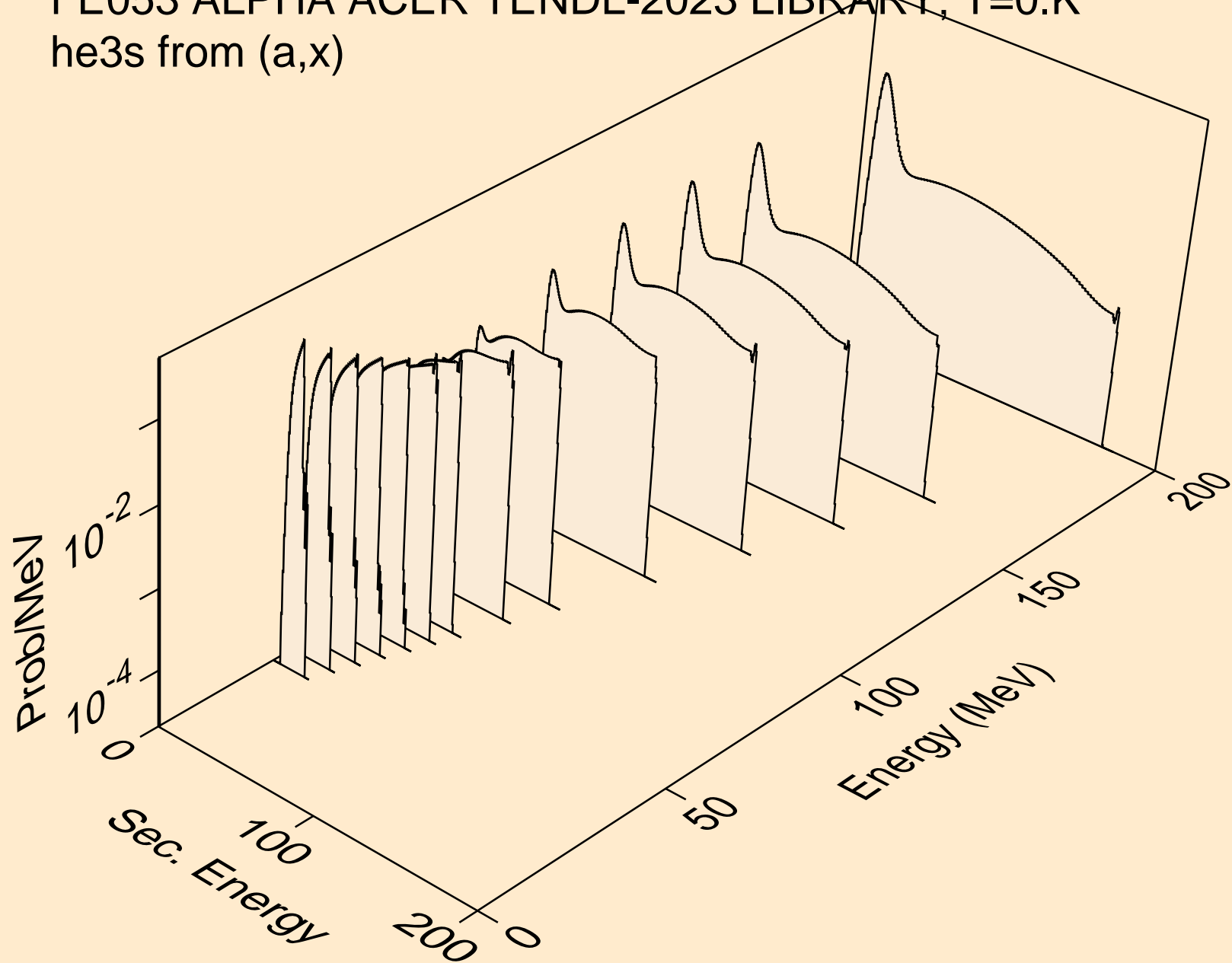
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



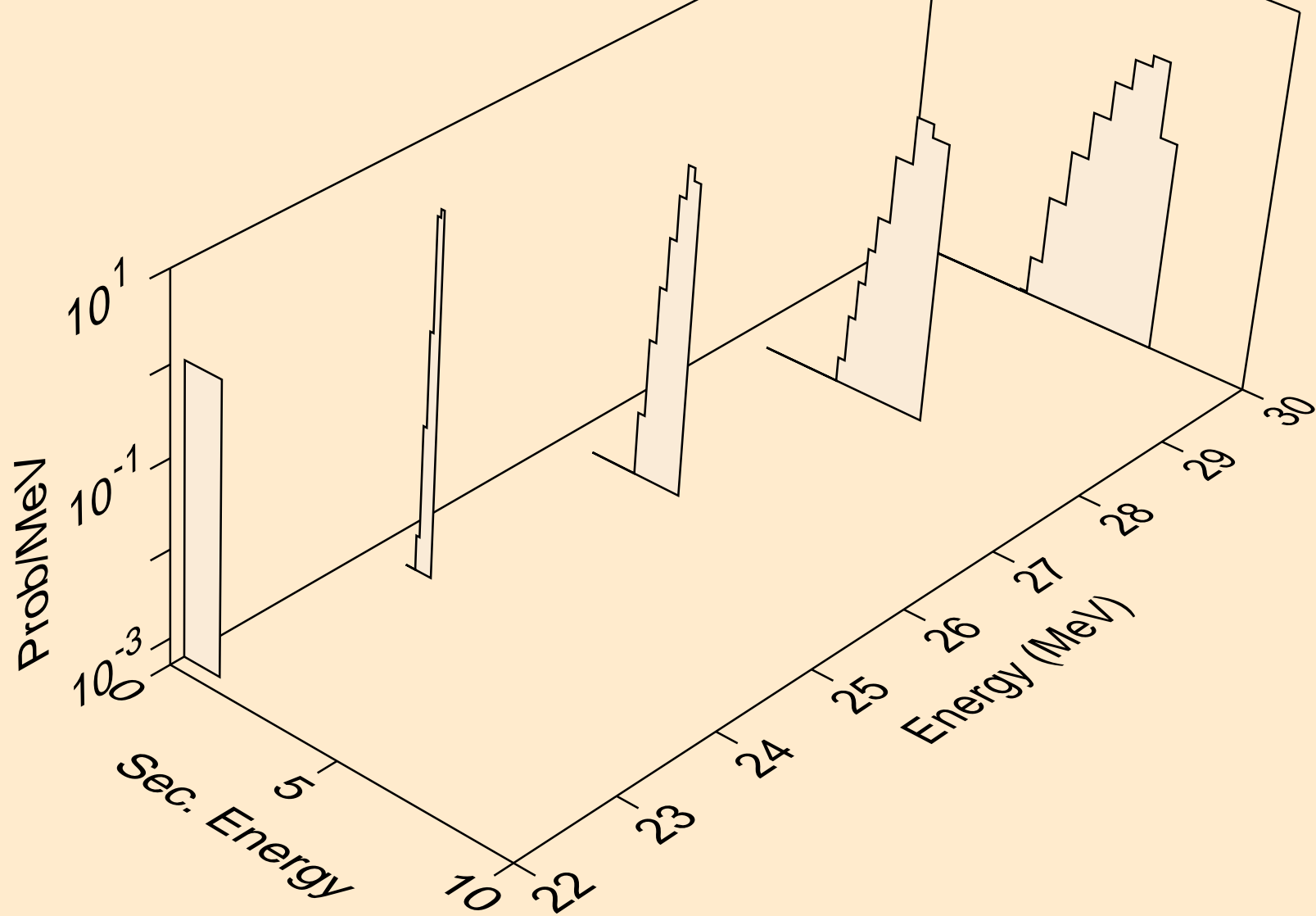
FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



FE053 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

