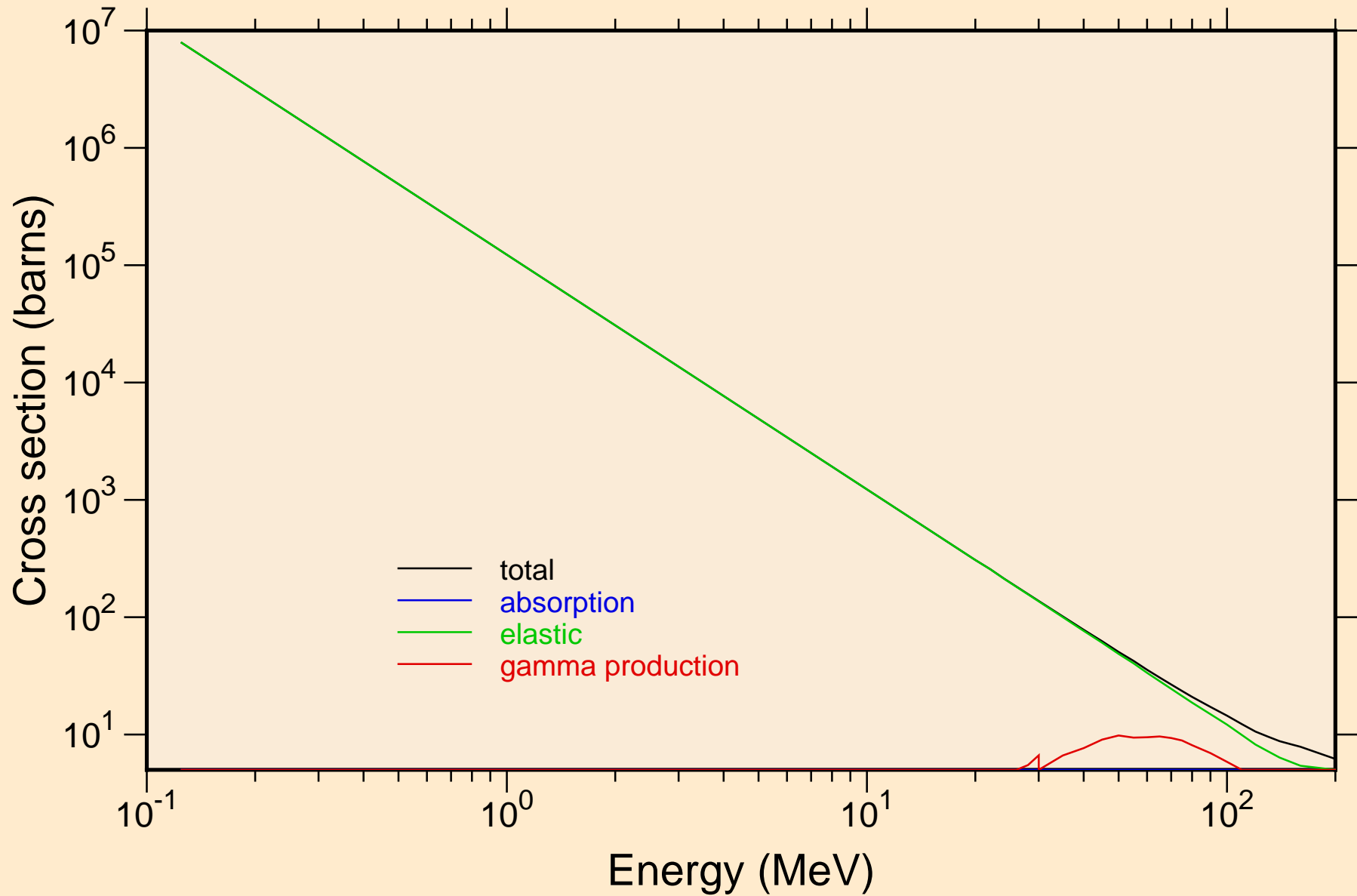
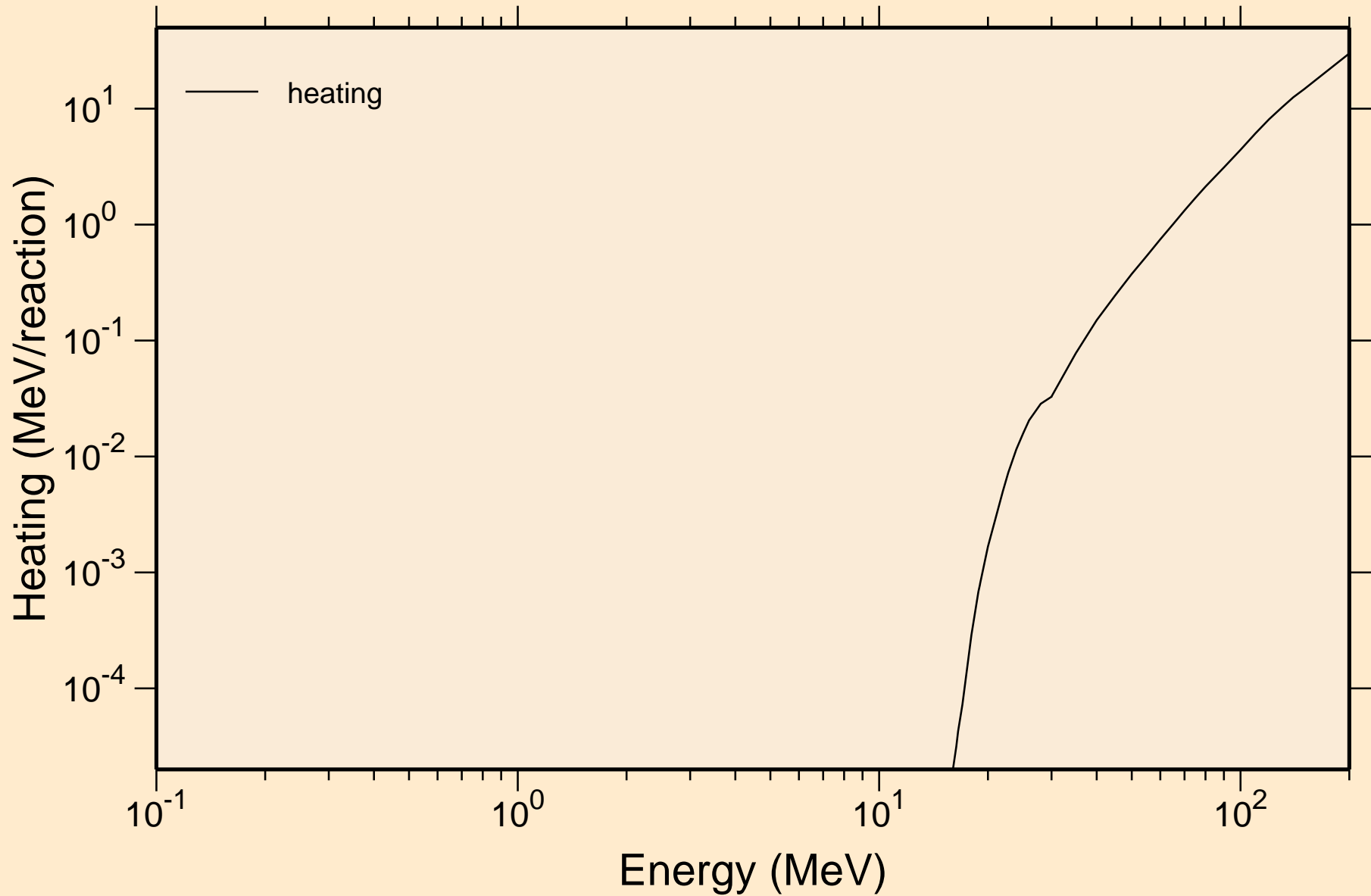


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



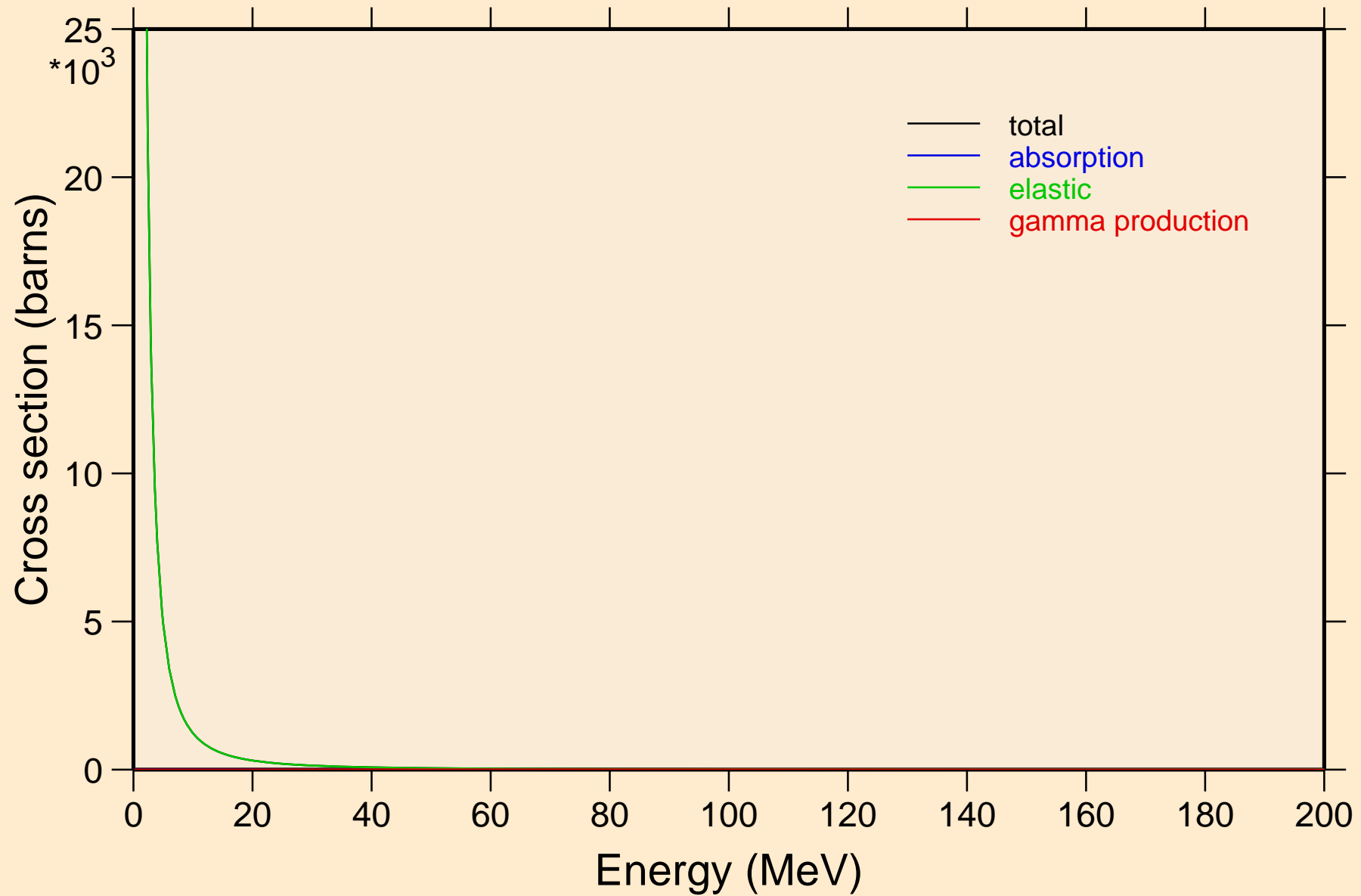
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



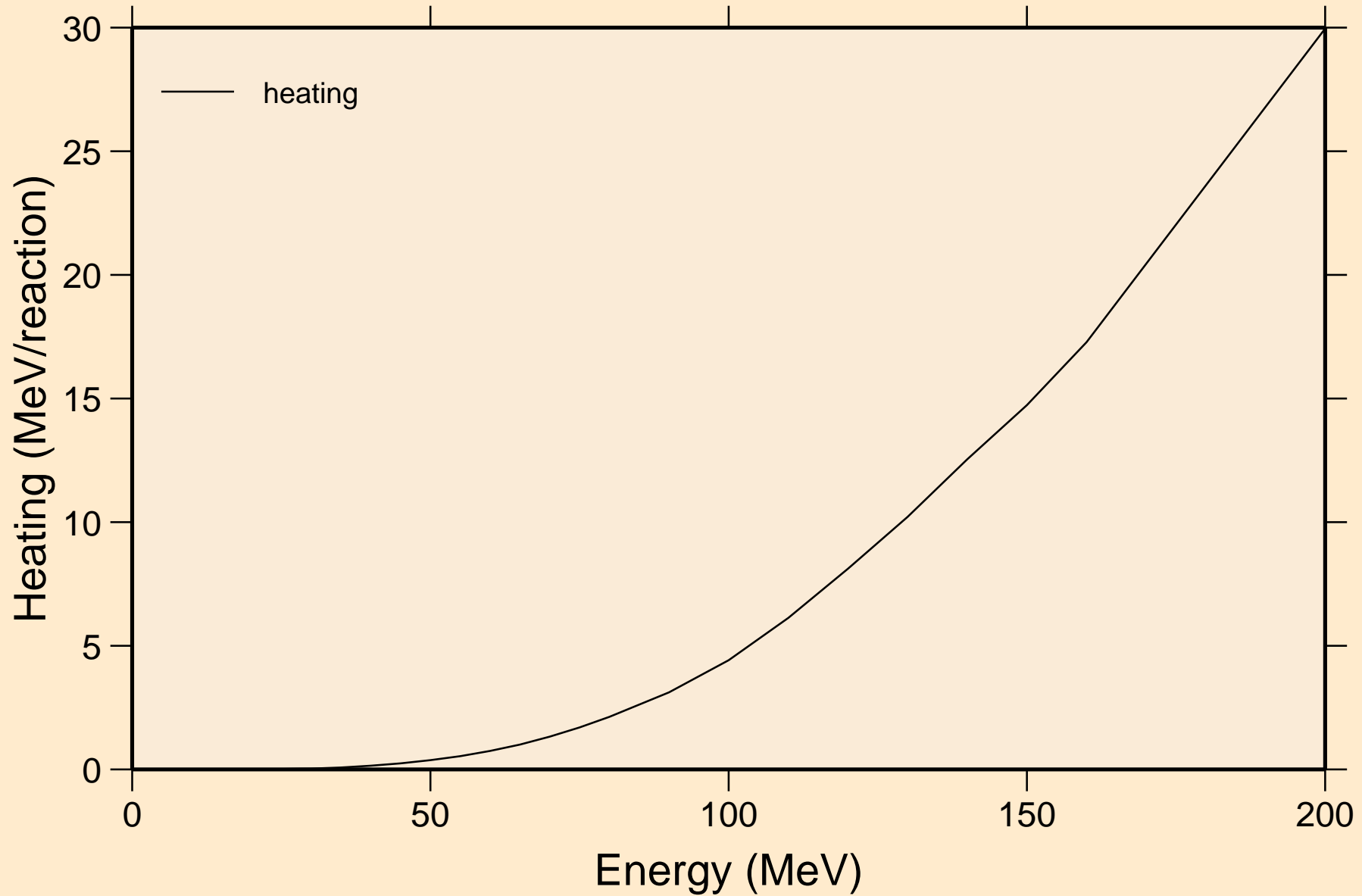
# TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

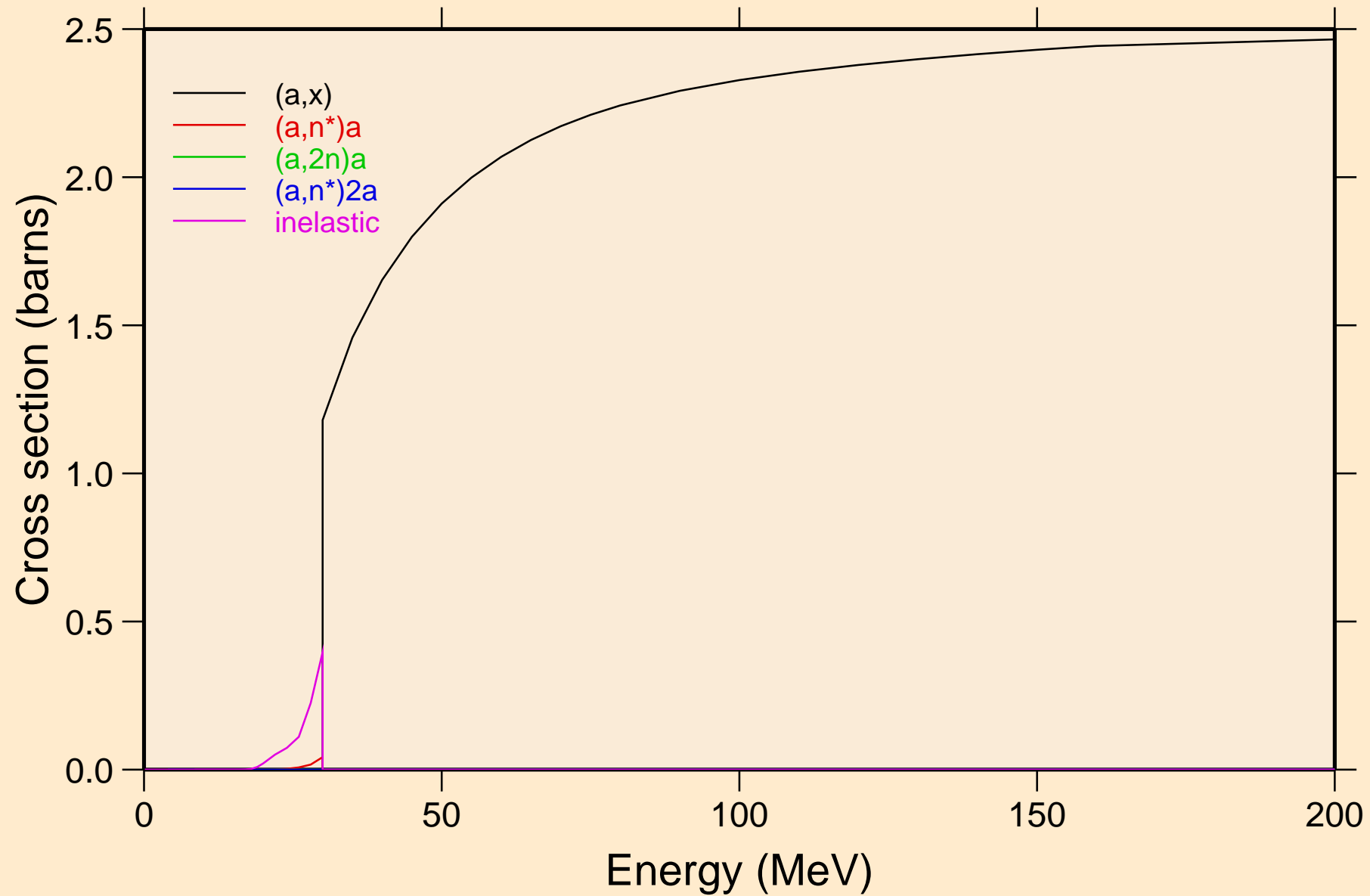


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

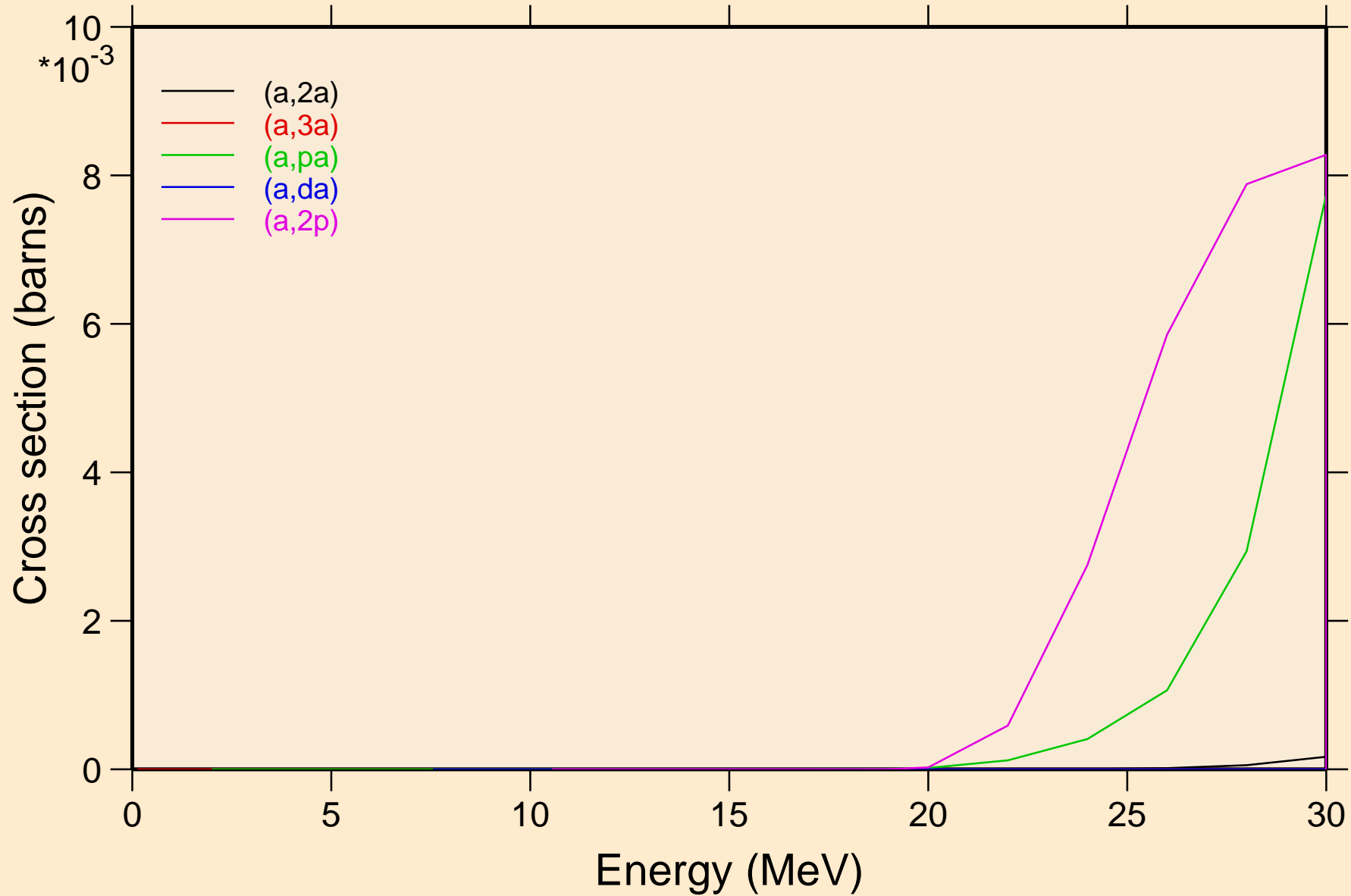
Heating



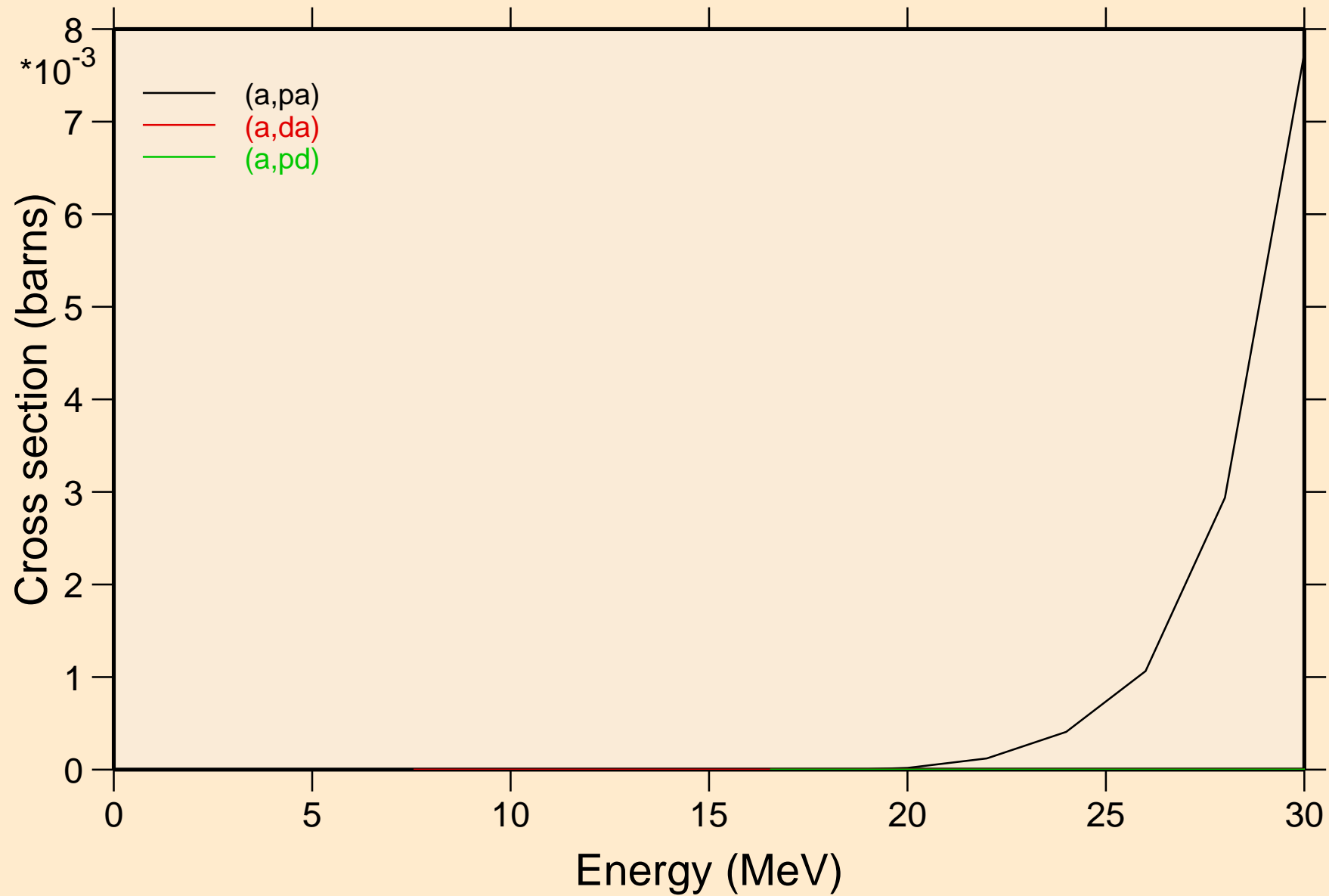
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



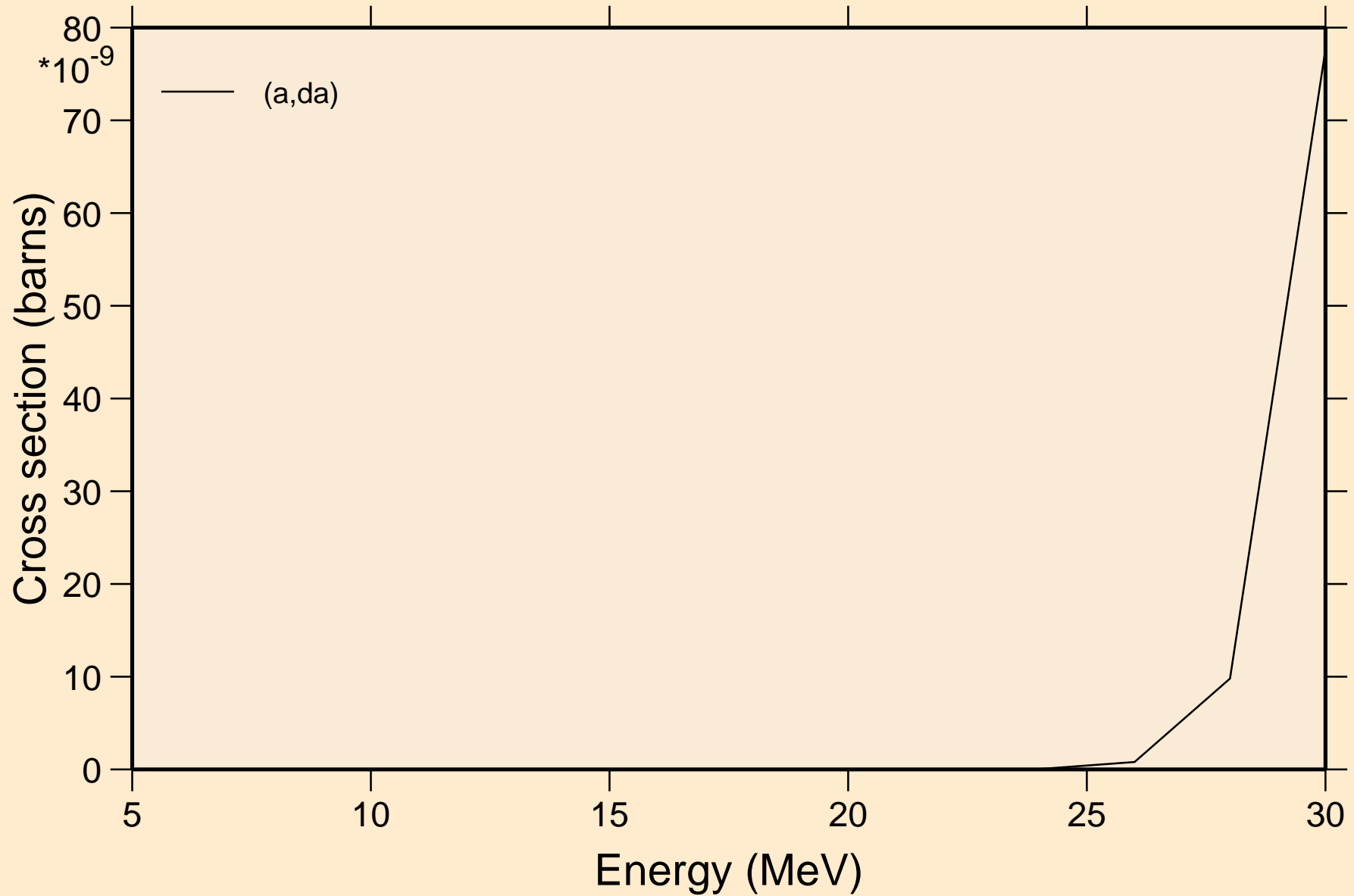
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

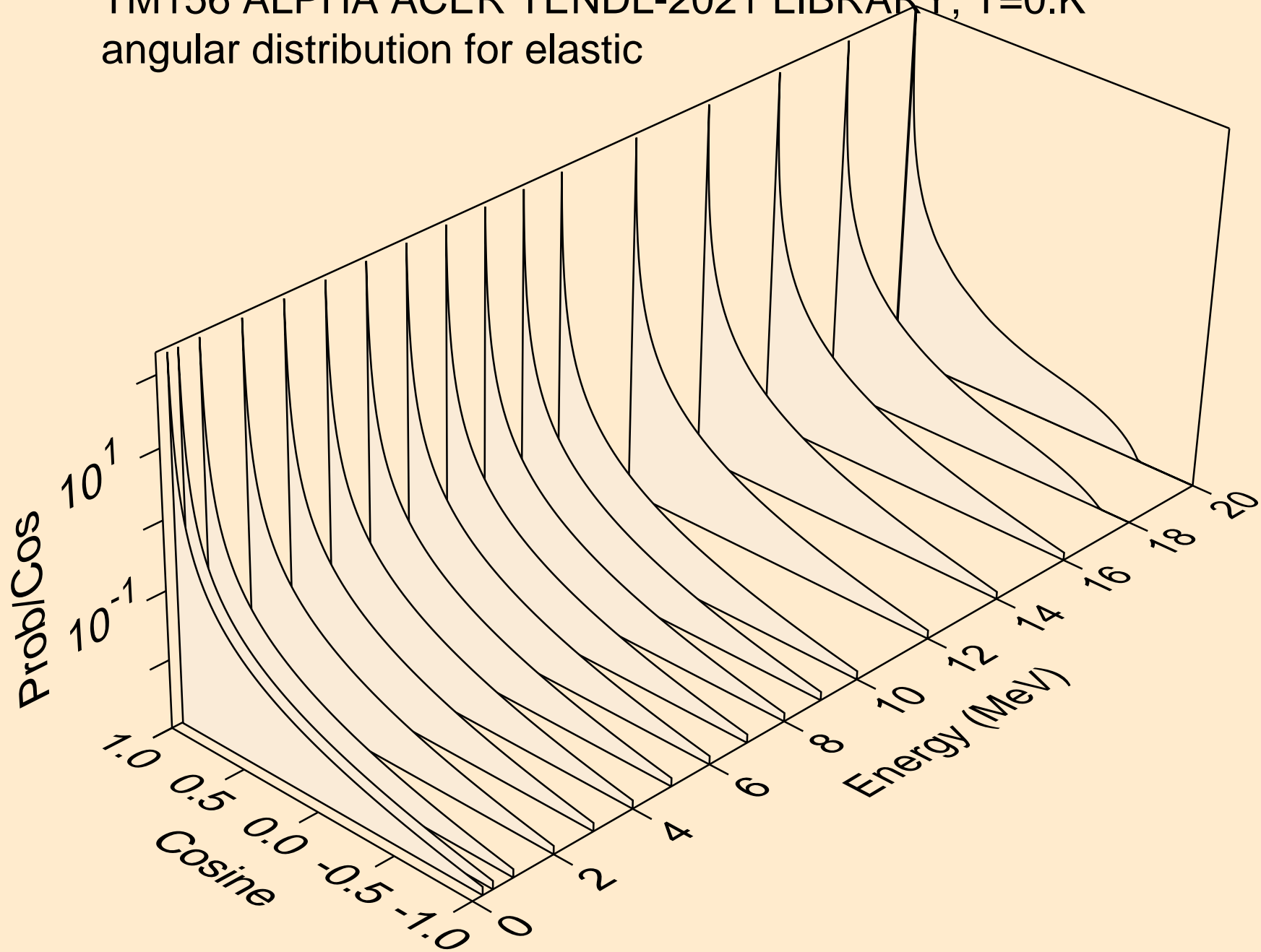


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

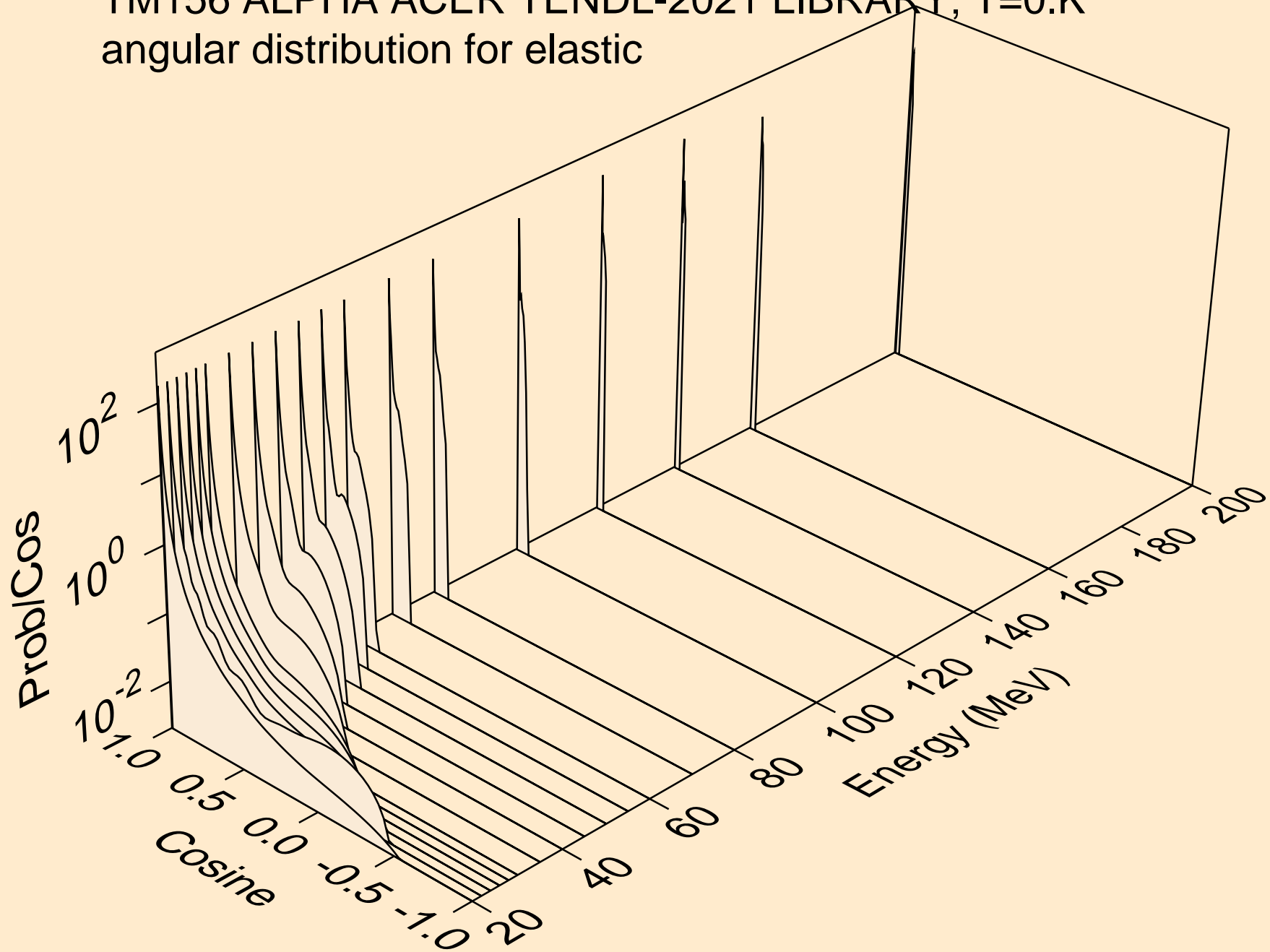




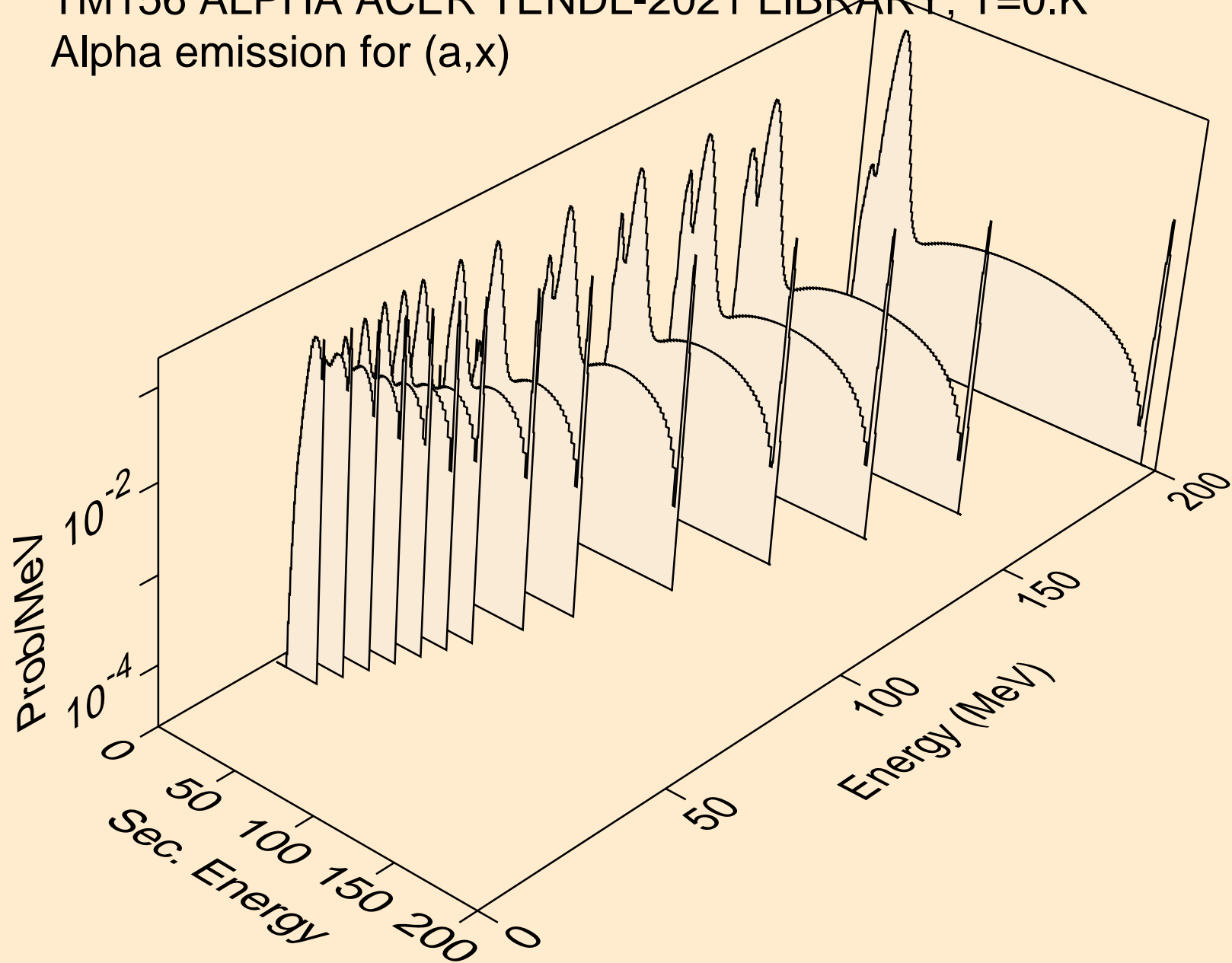
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



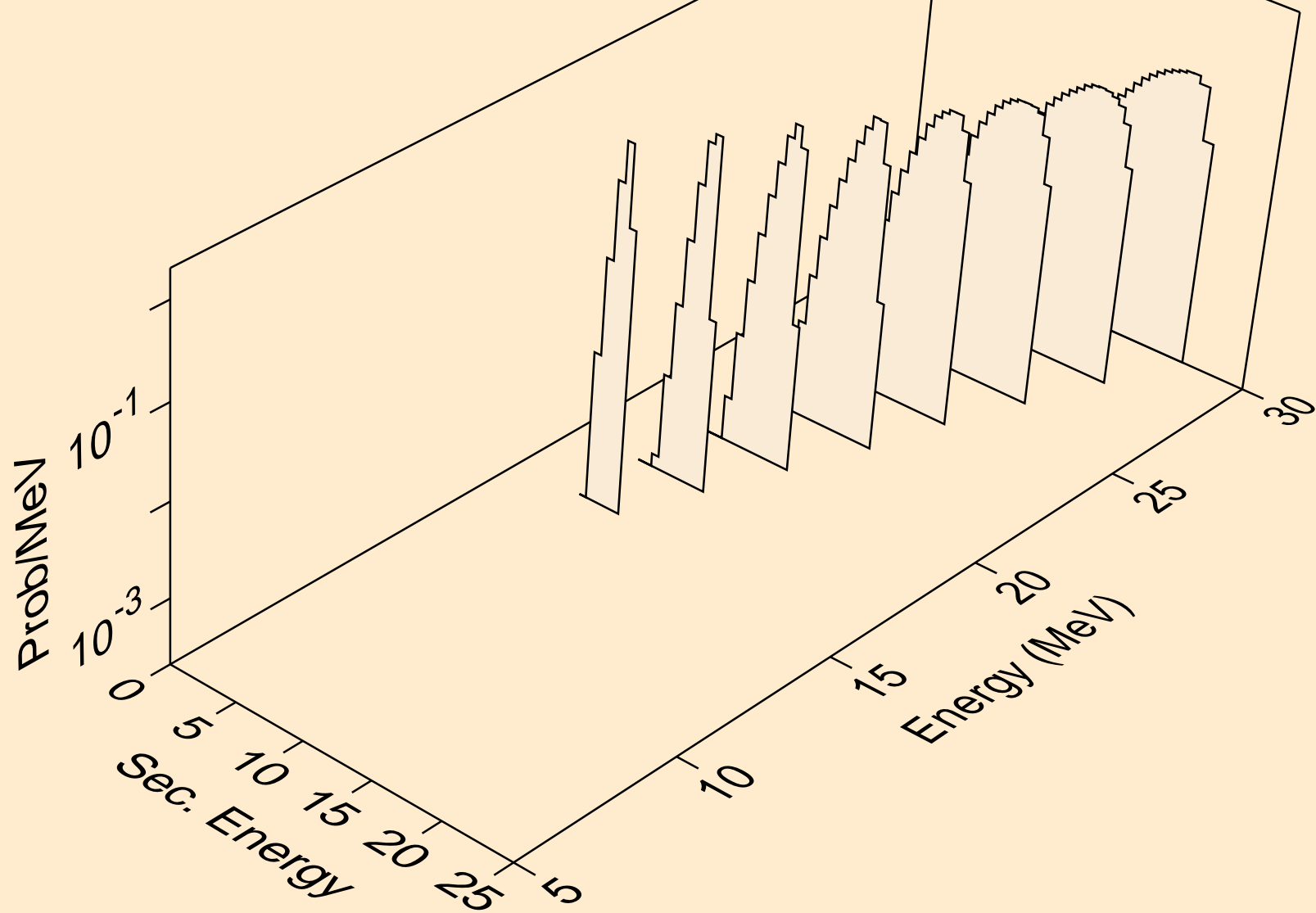
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



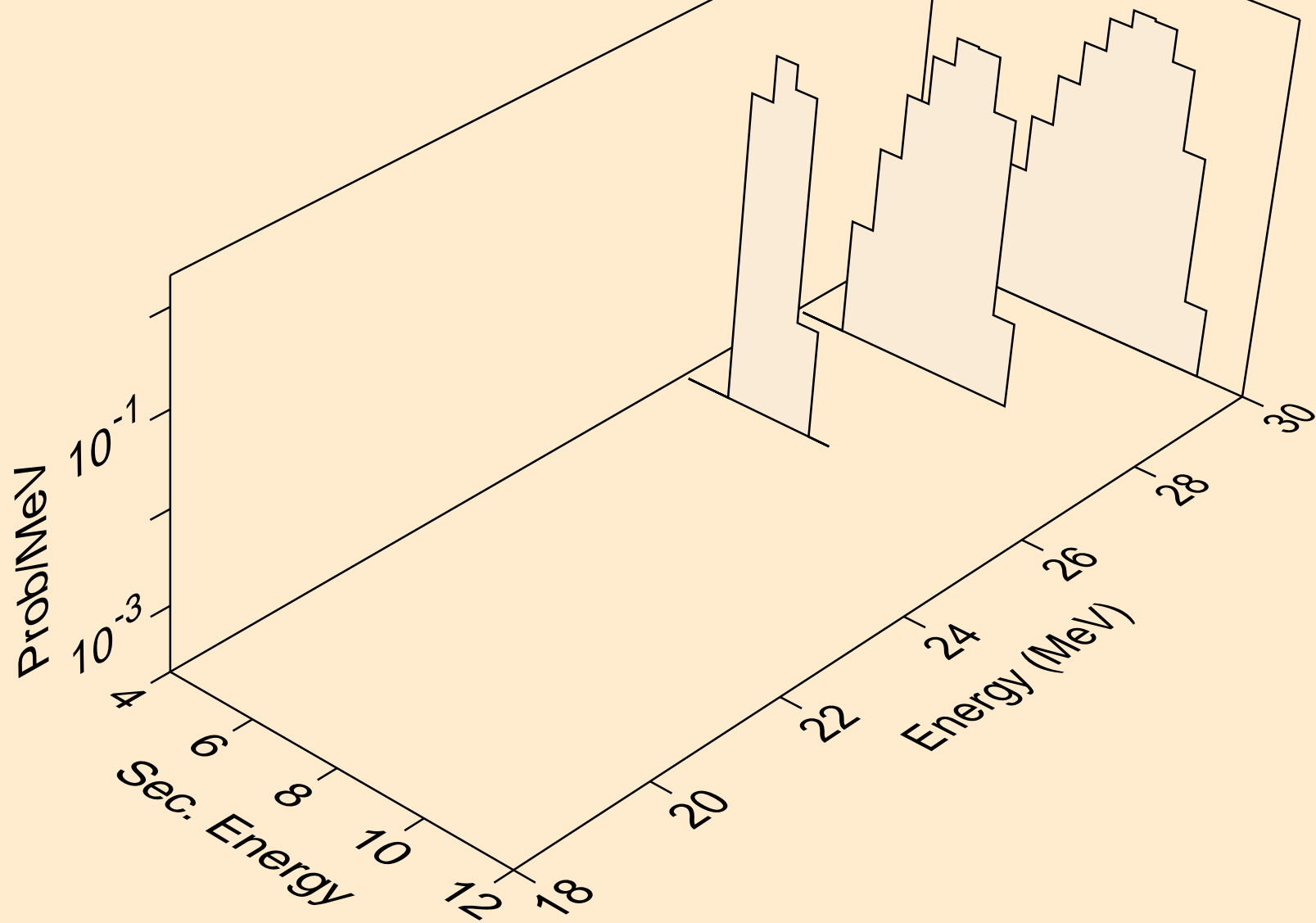
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



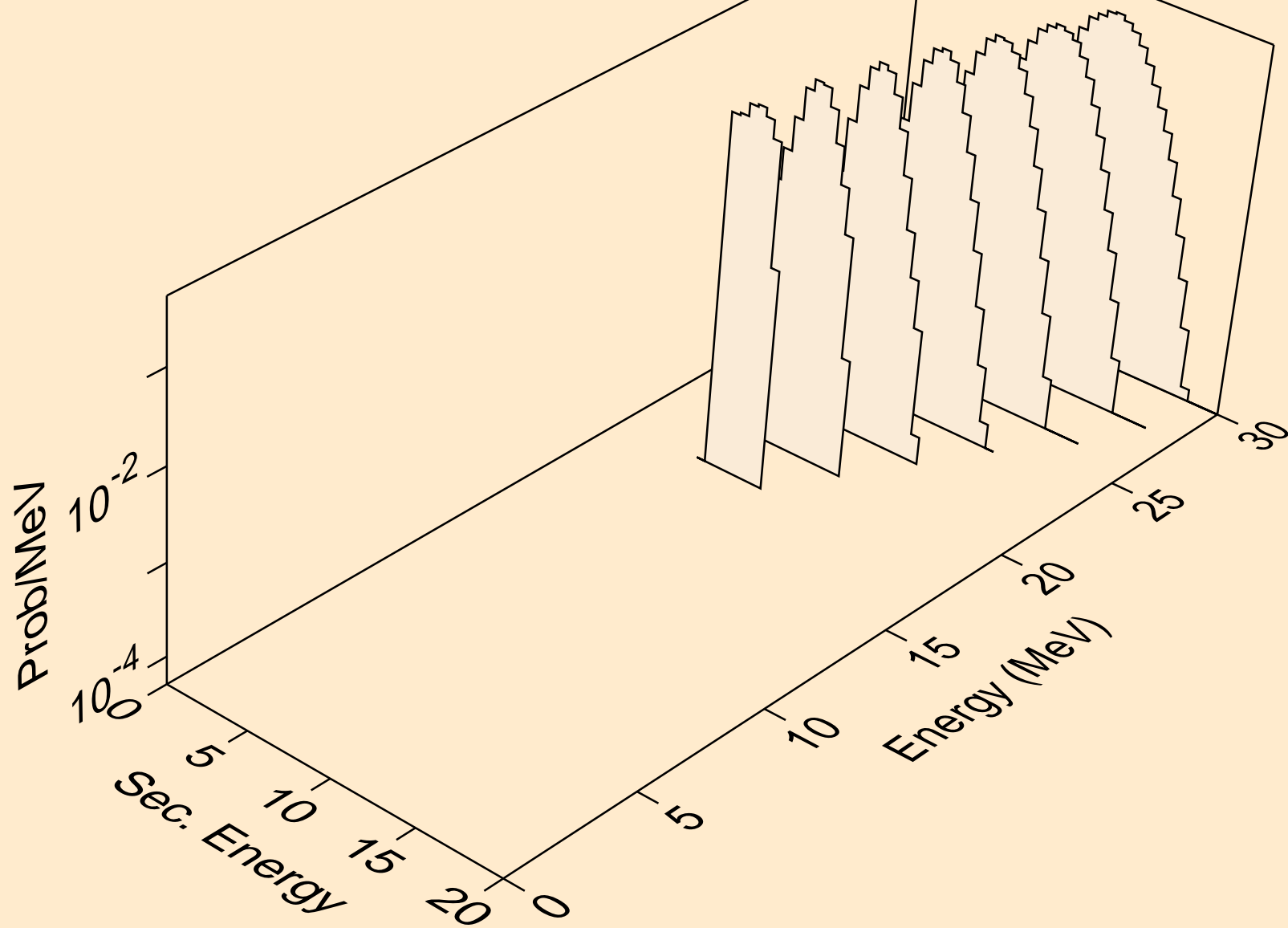
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



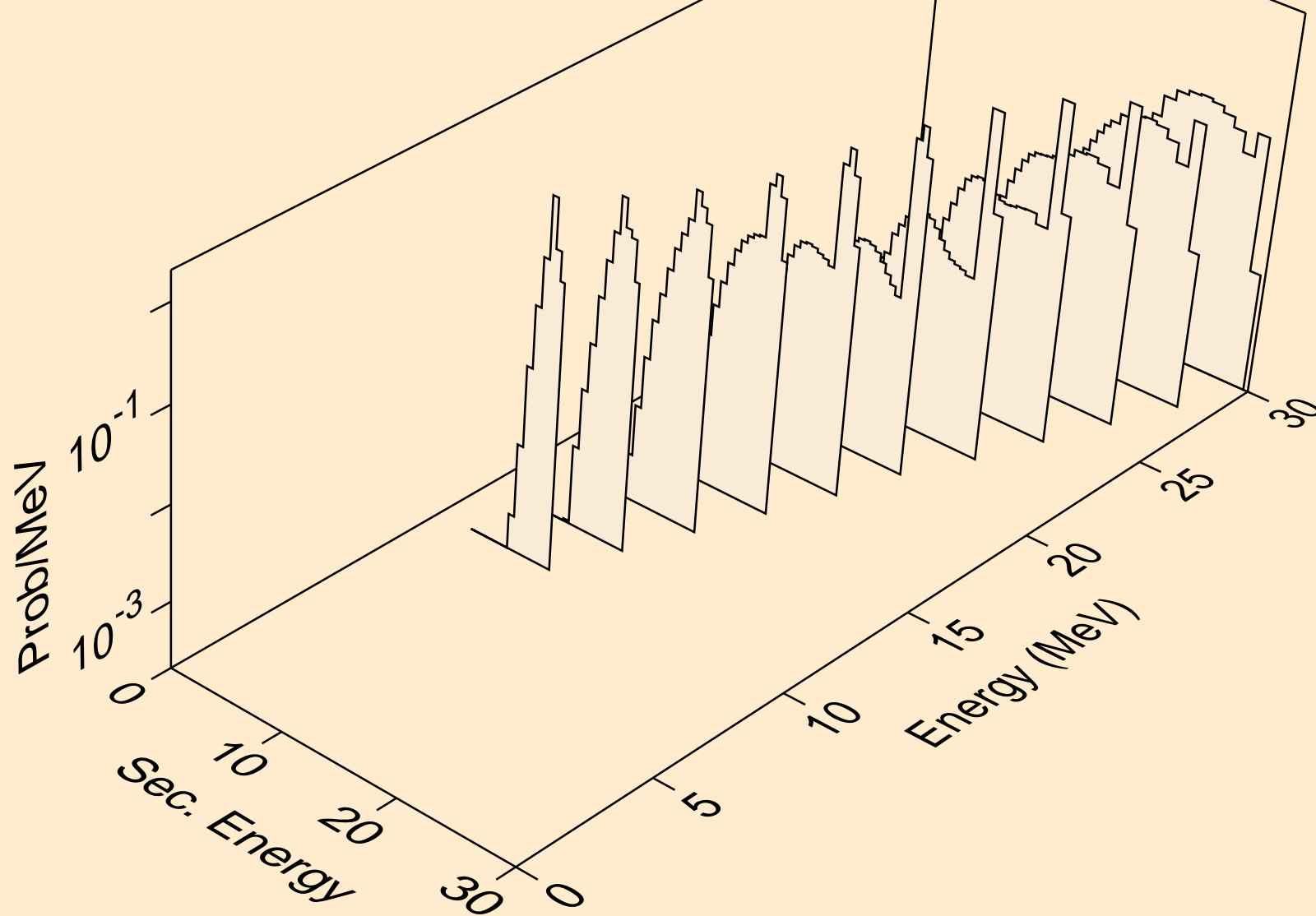
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



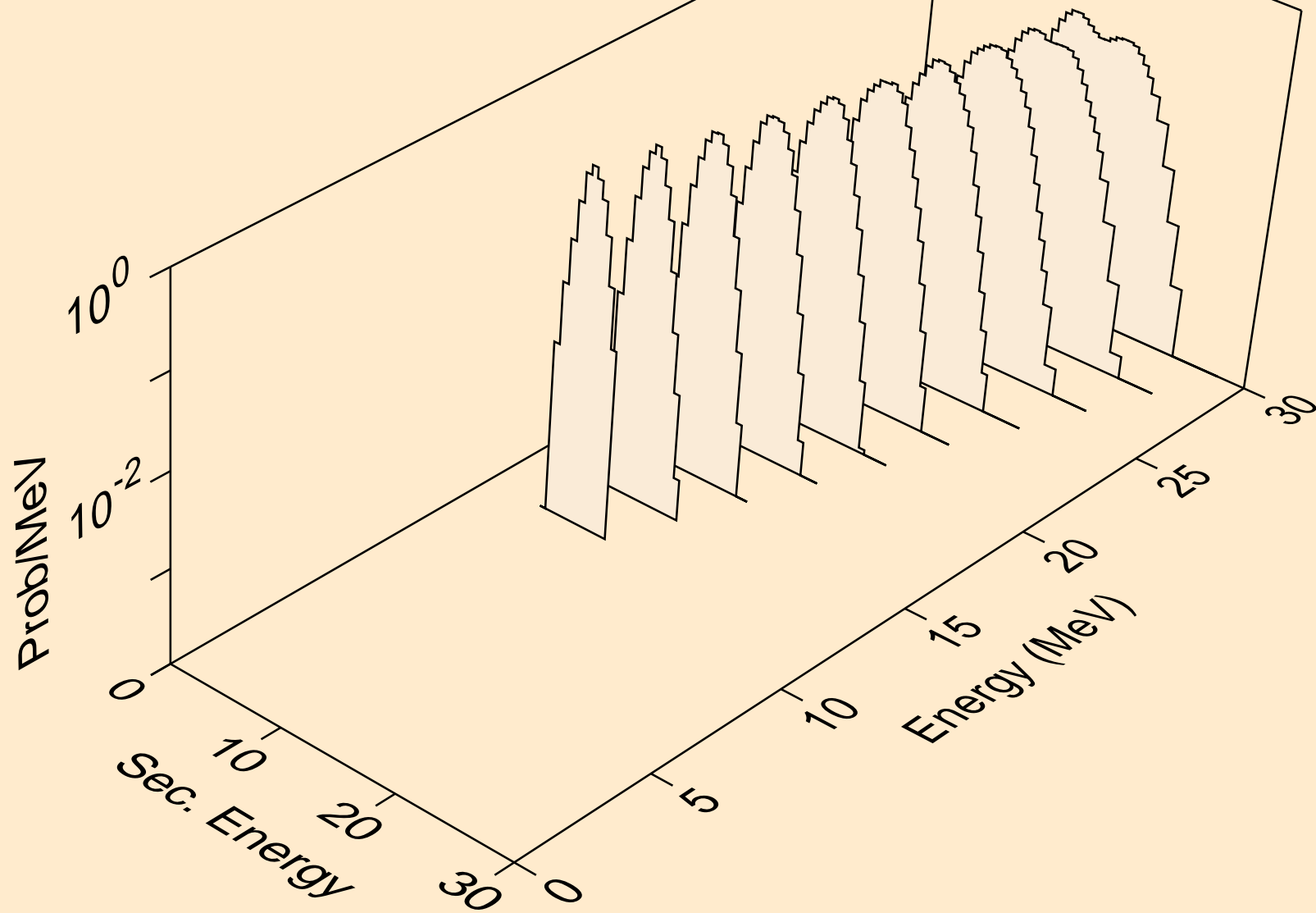
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

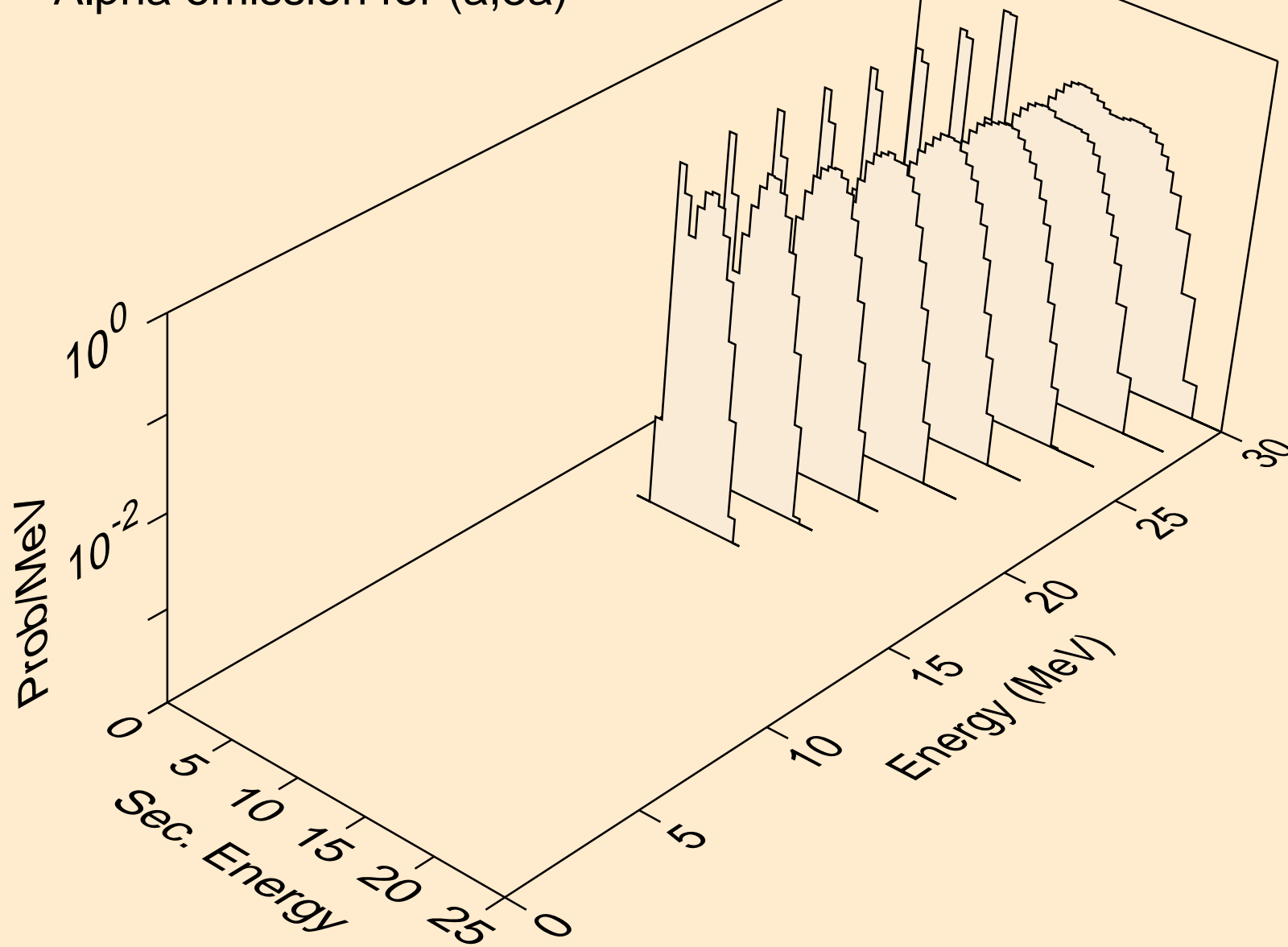


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

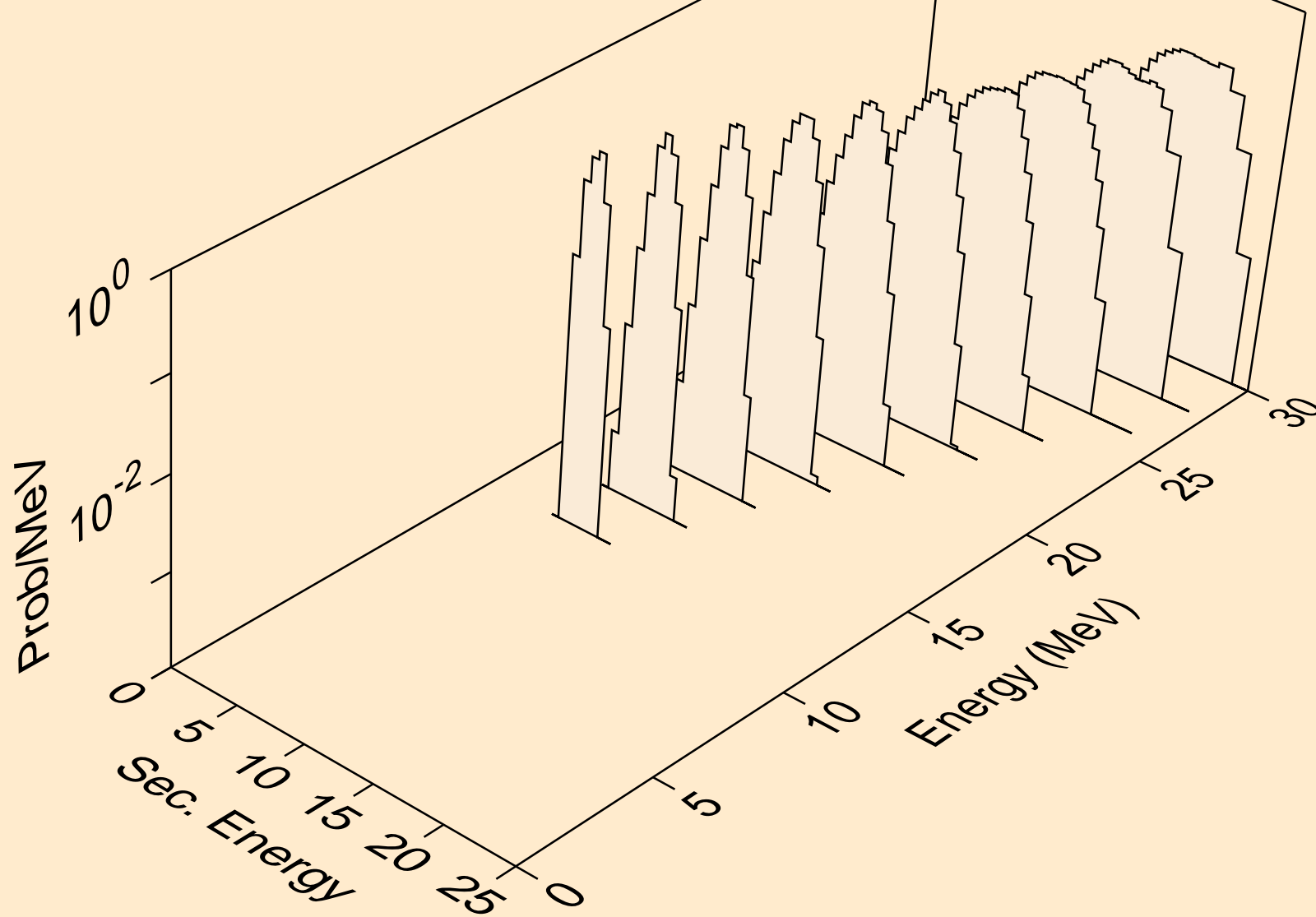




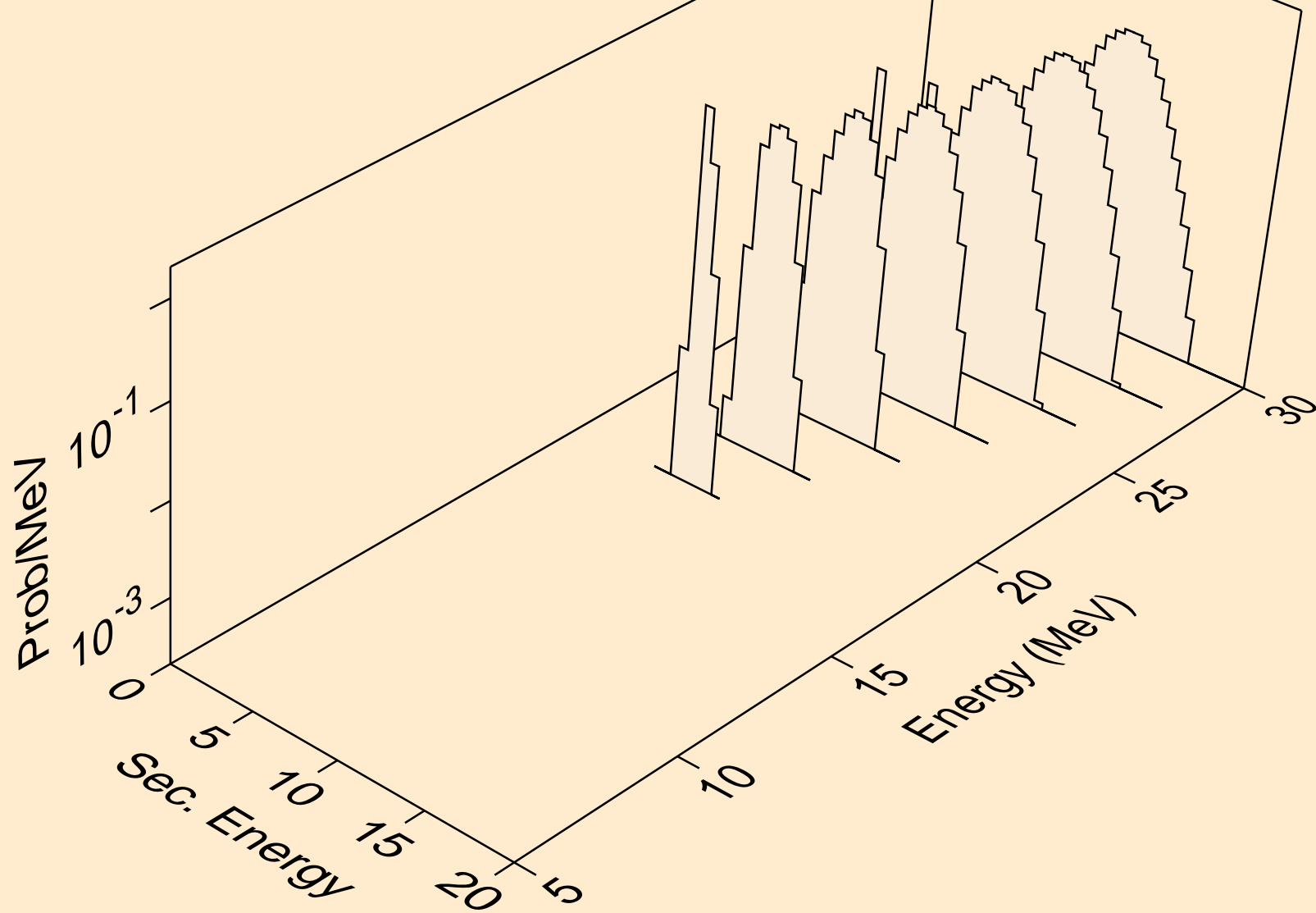
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3a)



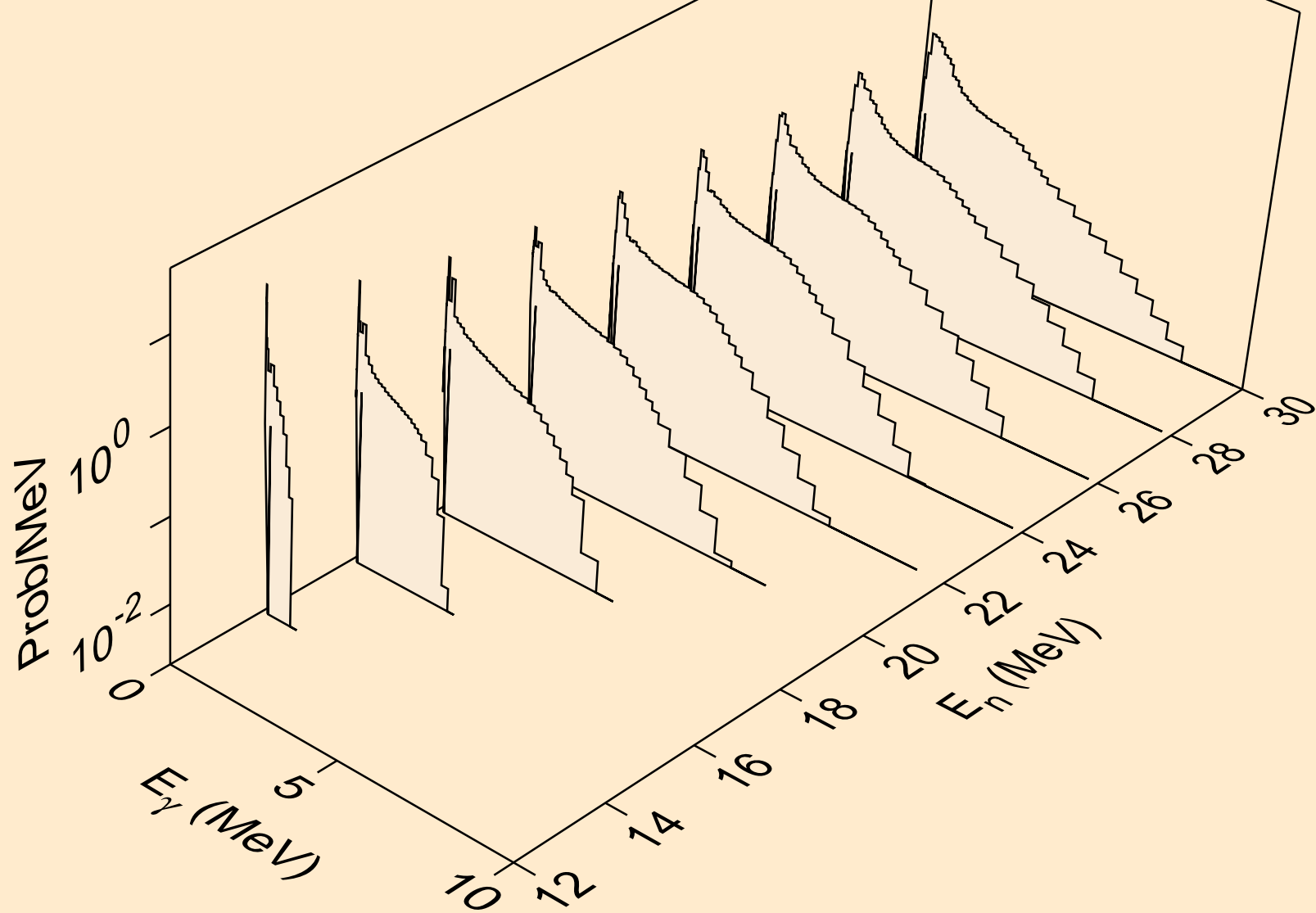
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



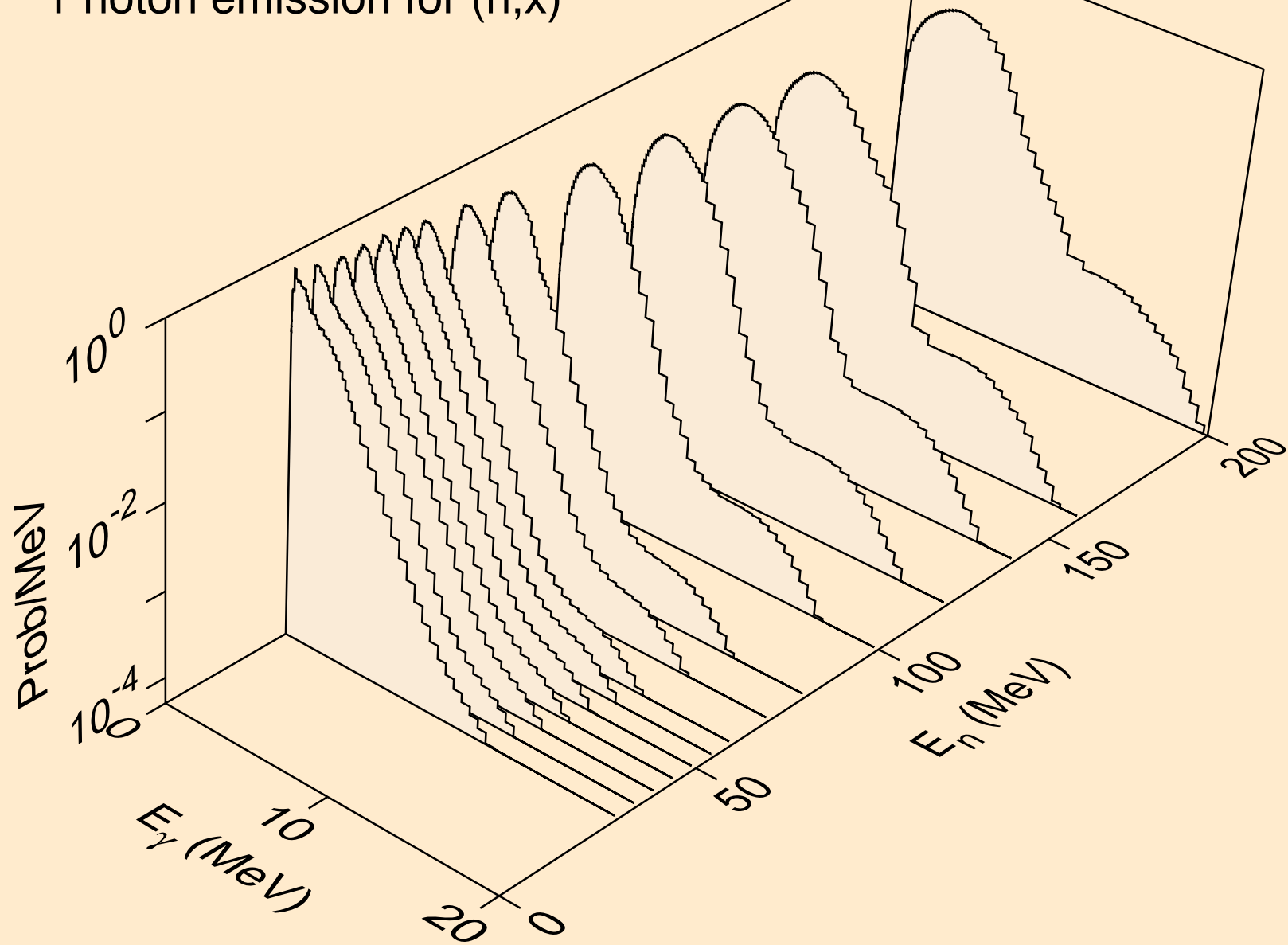
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)



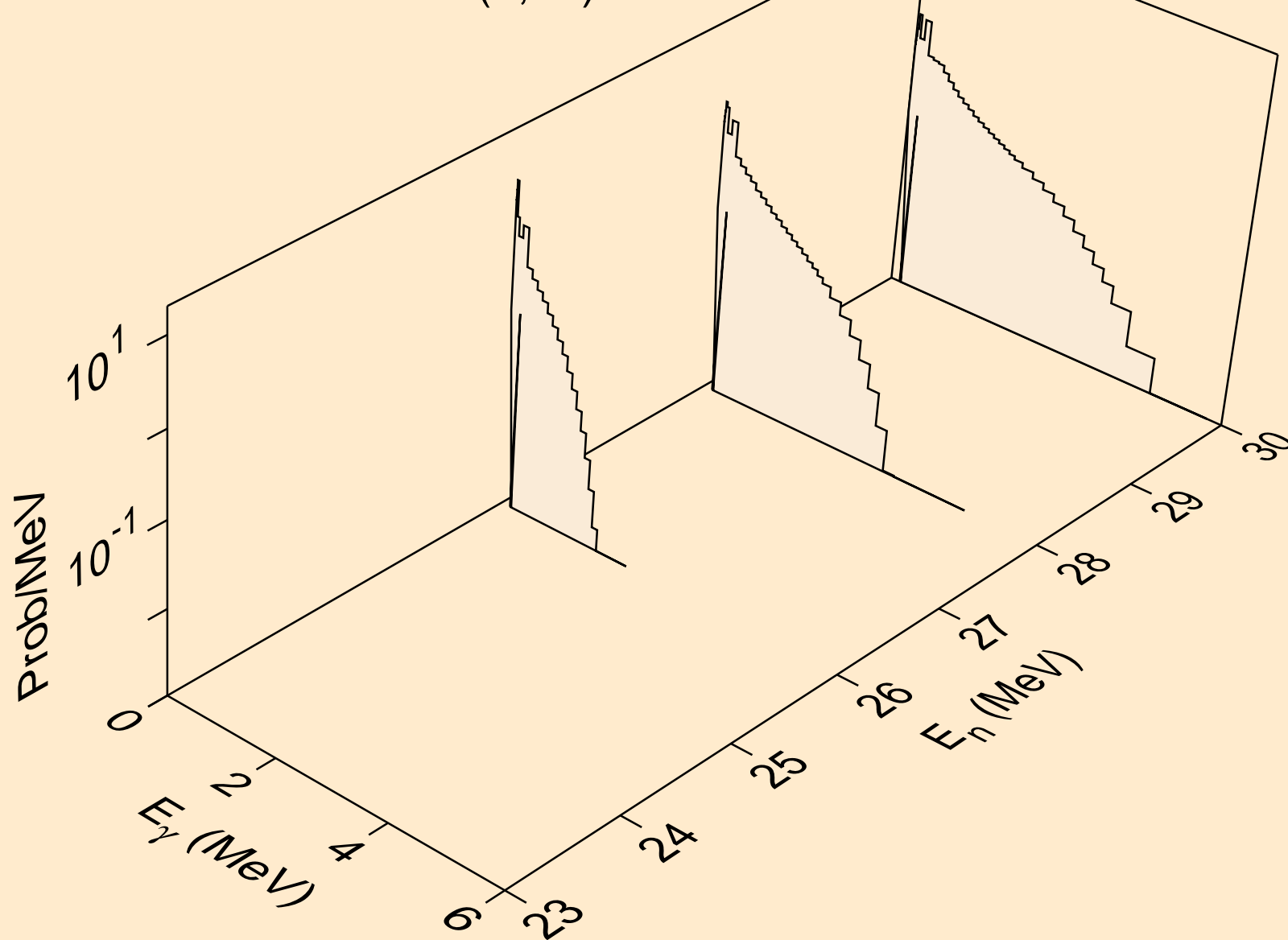
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



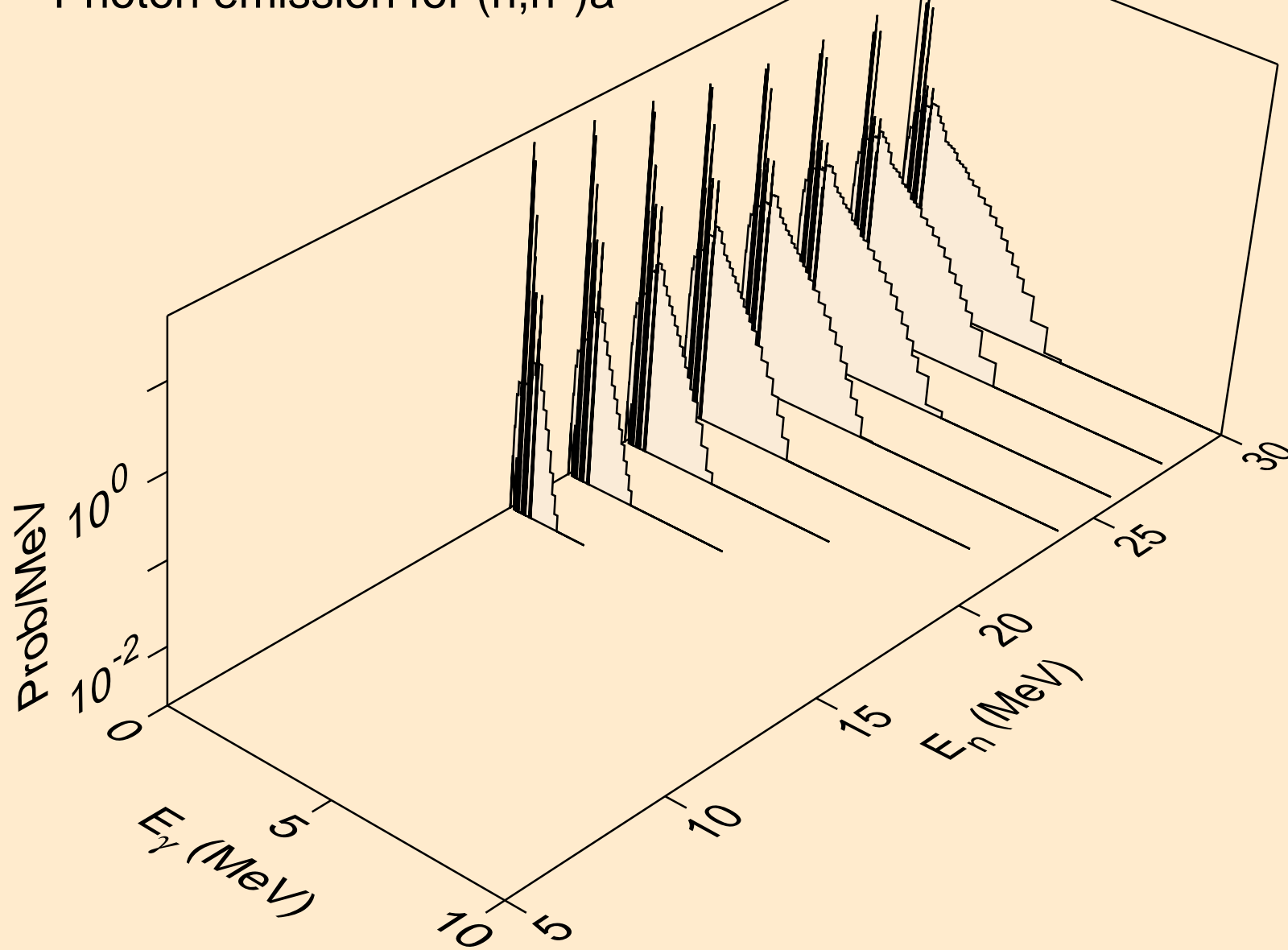
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



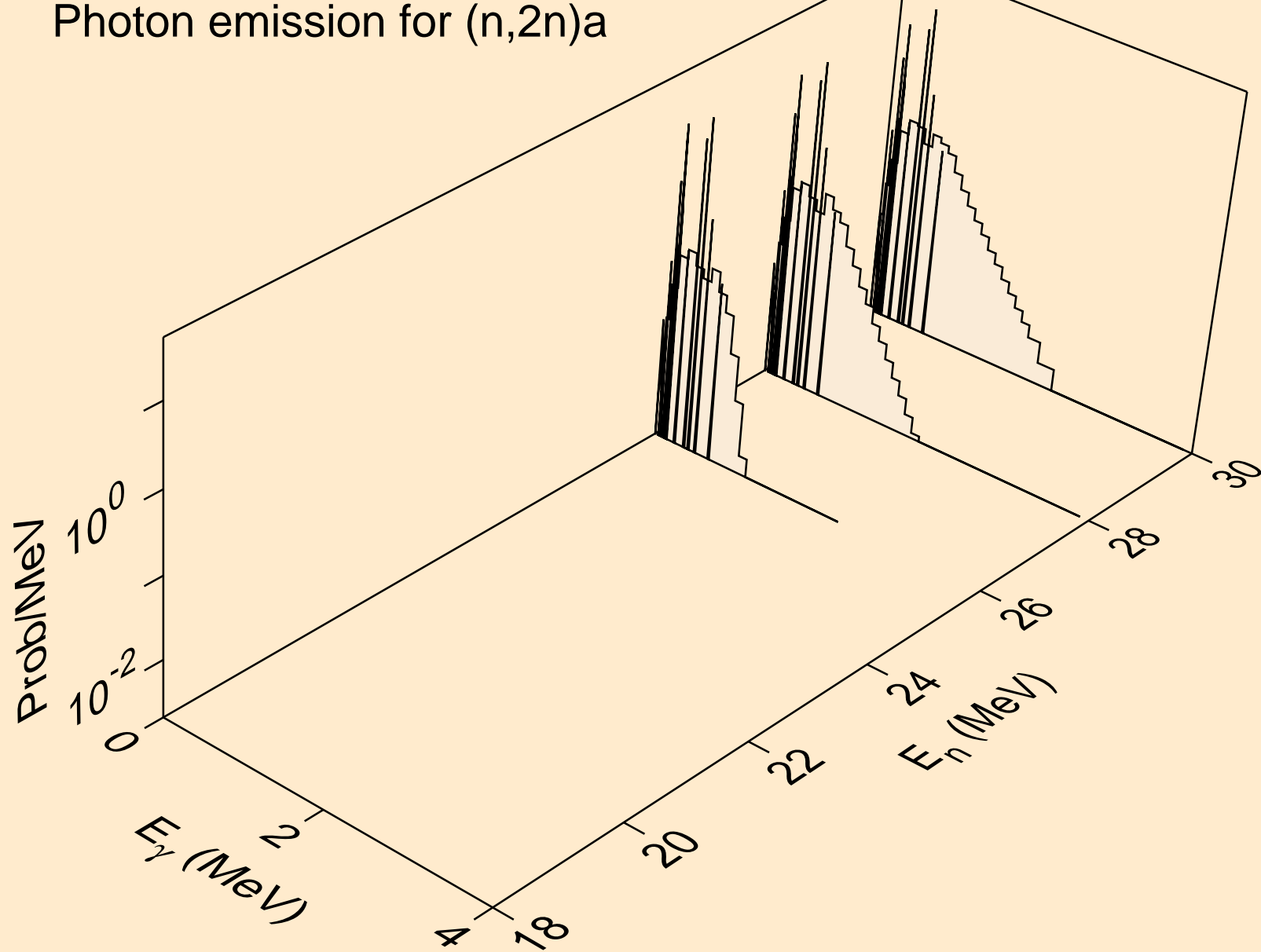
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

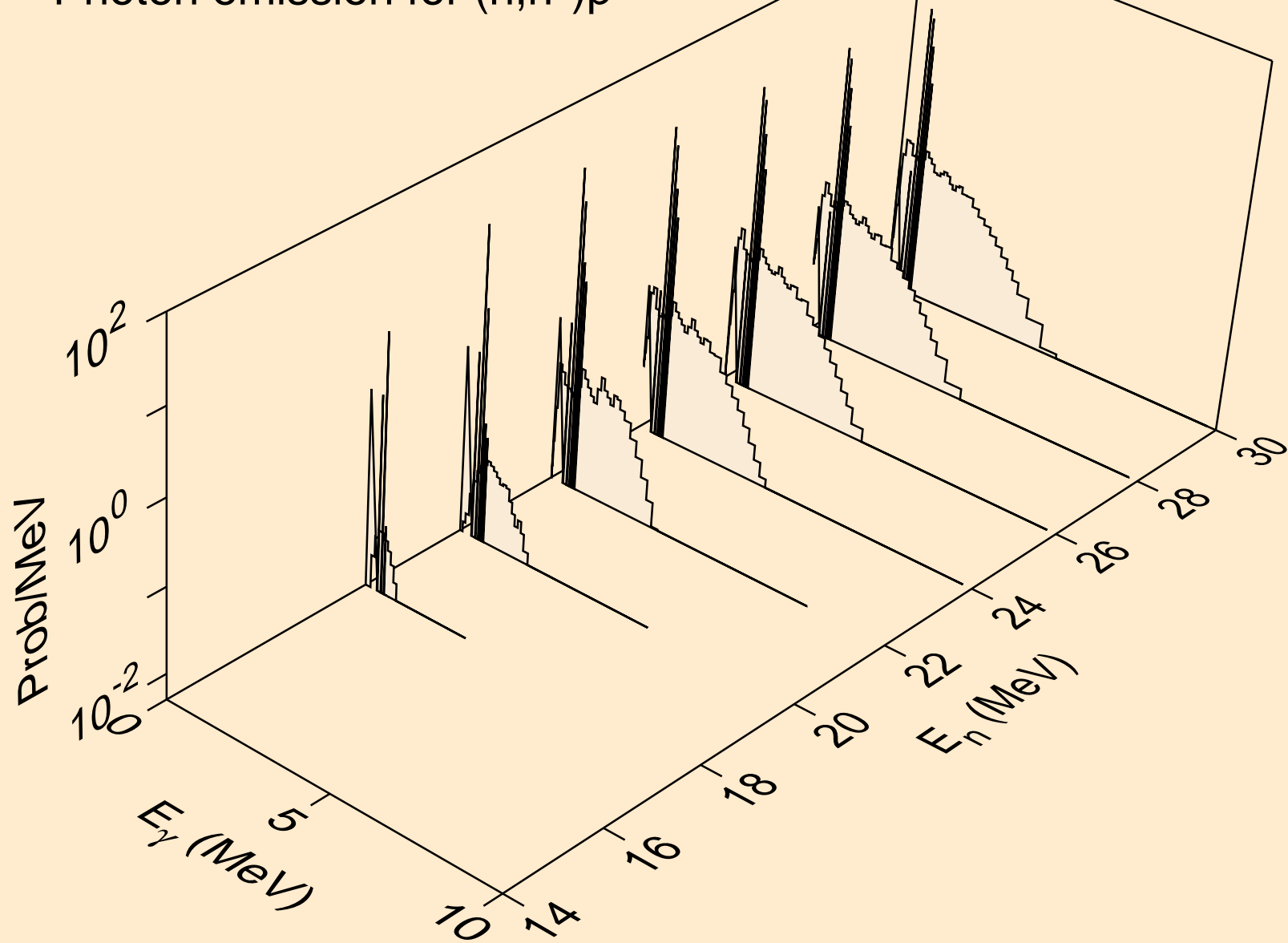


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

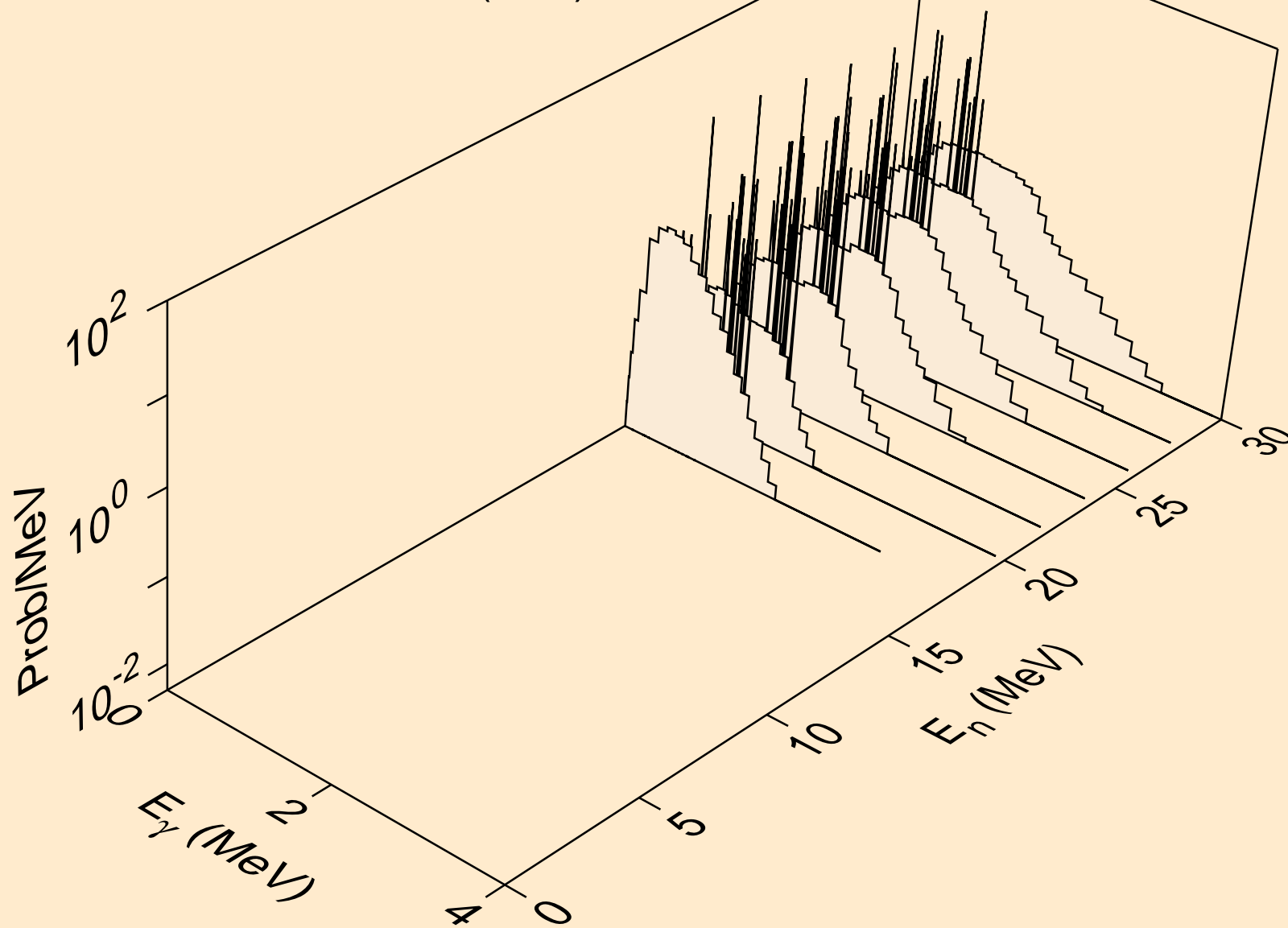




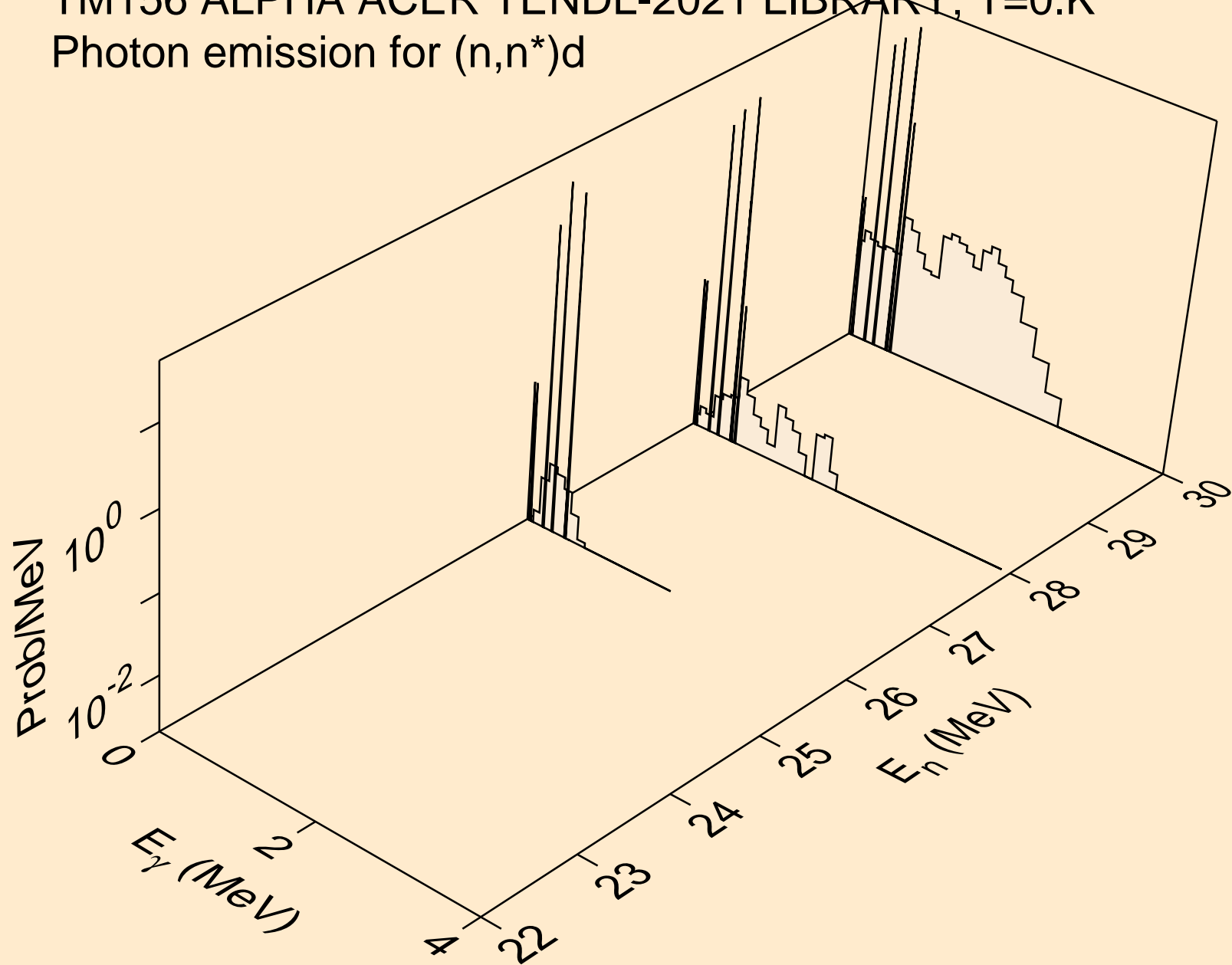
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



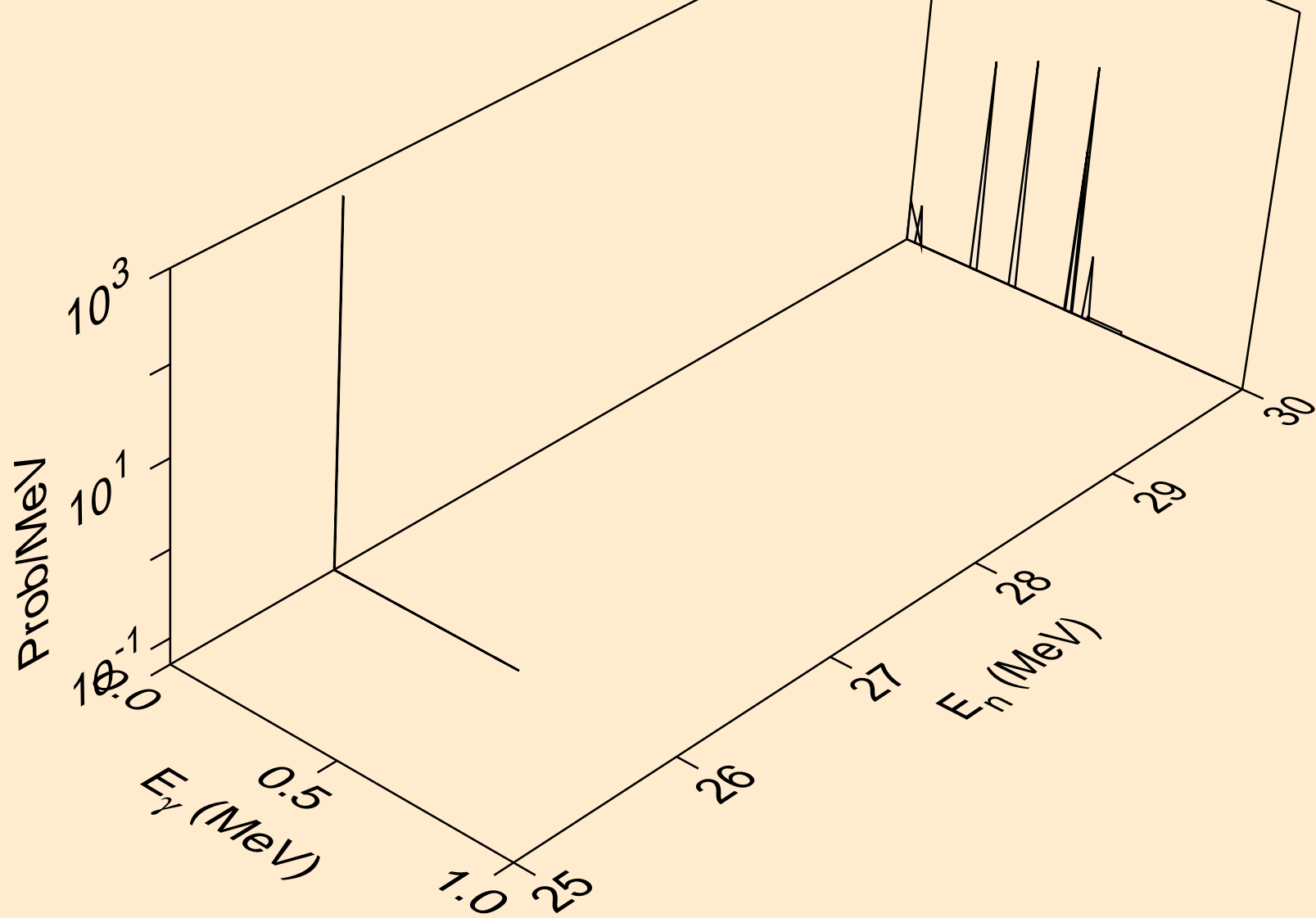
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



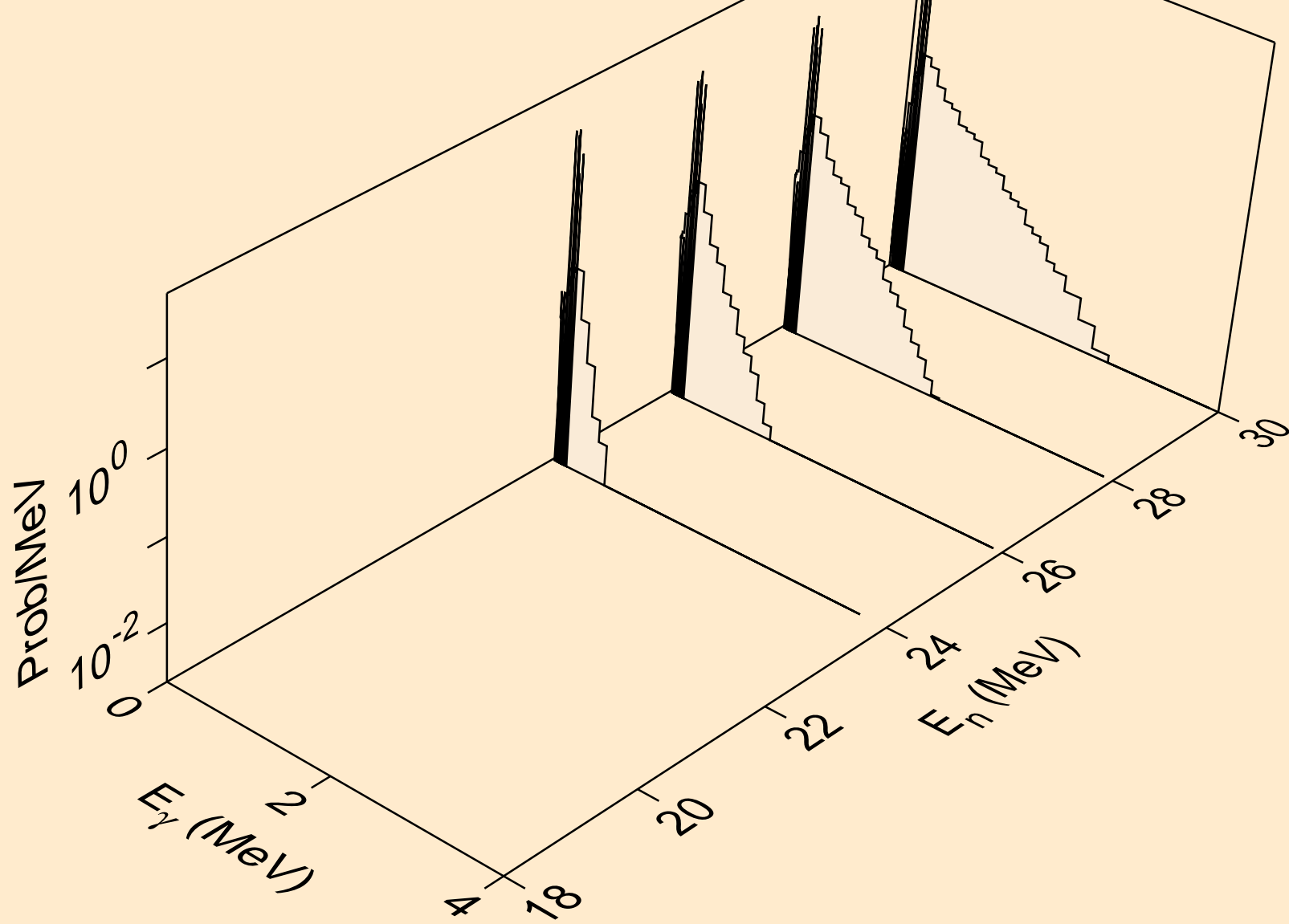
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



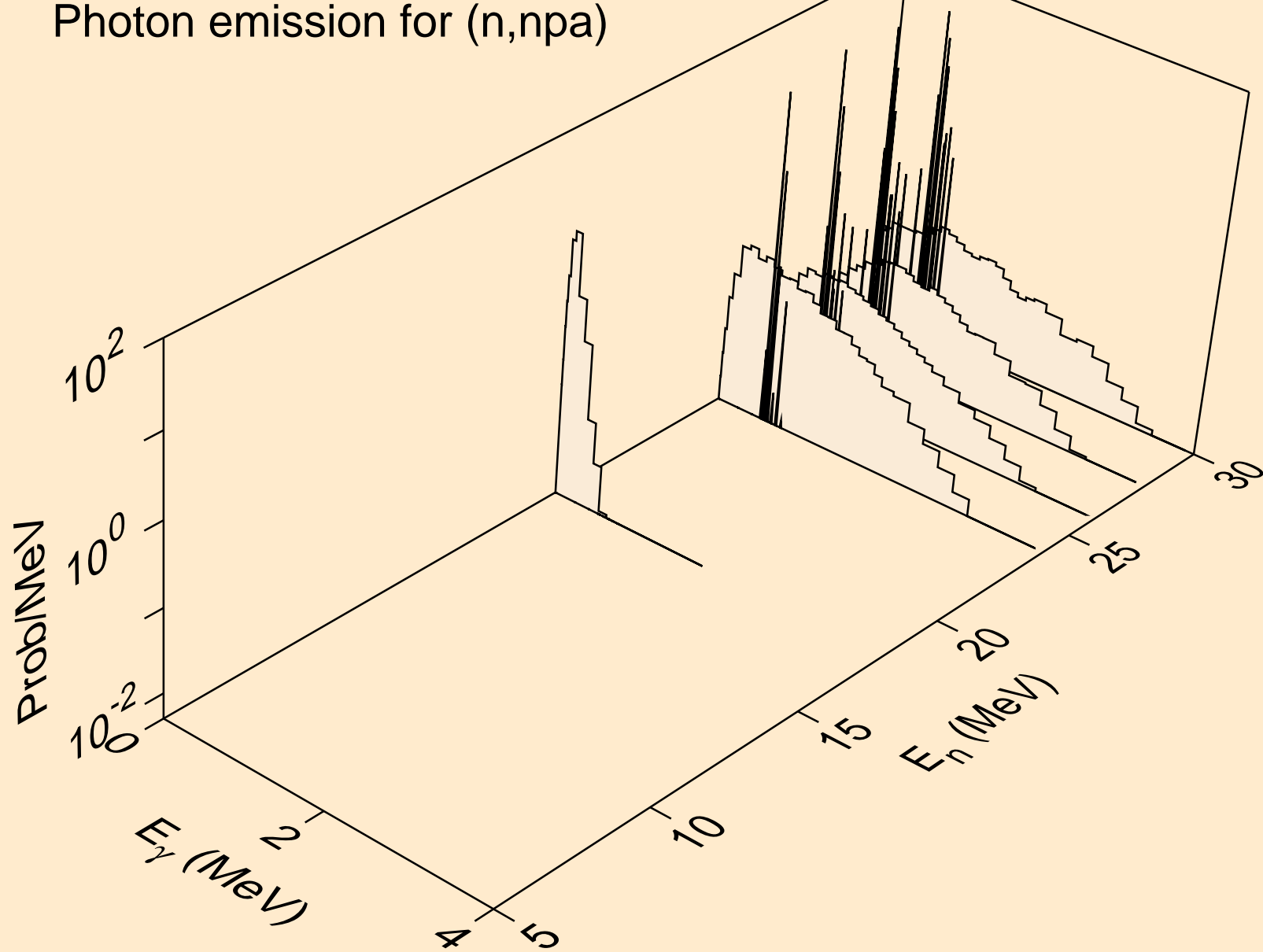
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



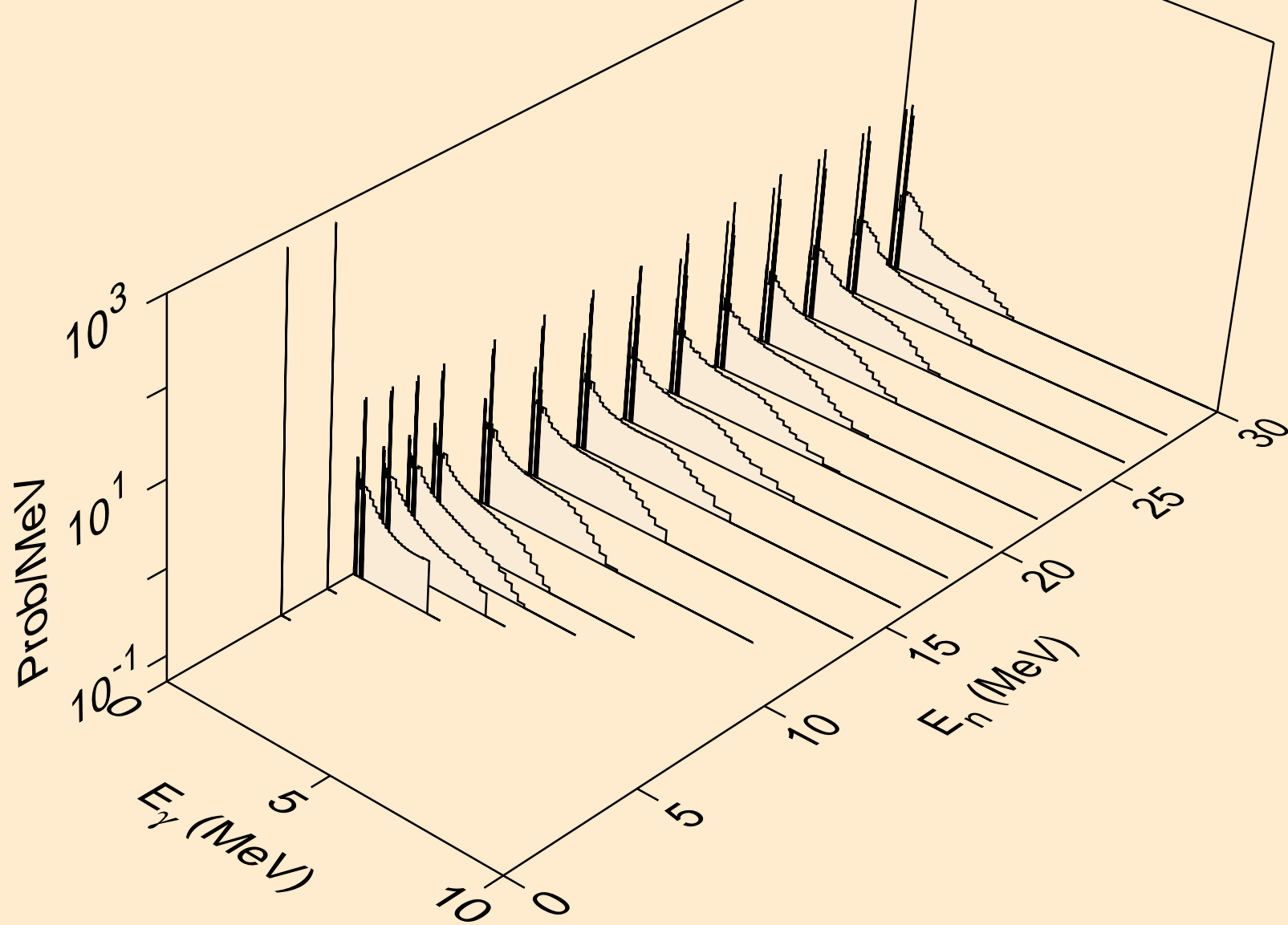
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



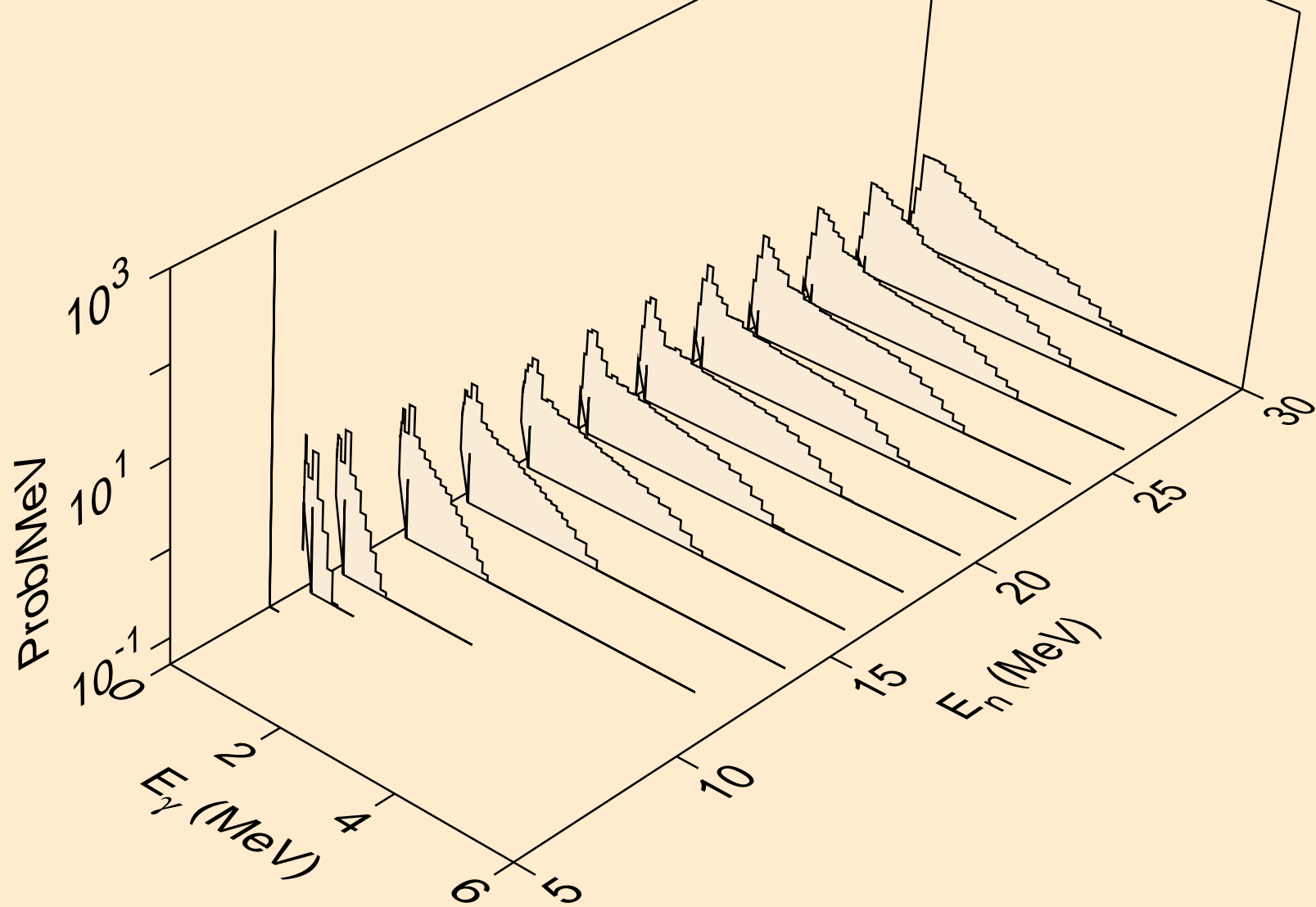
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

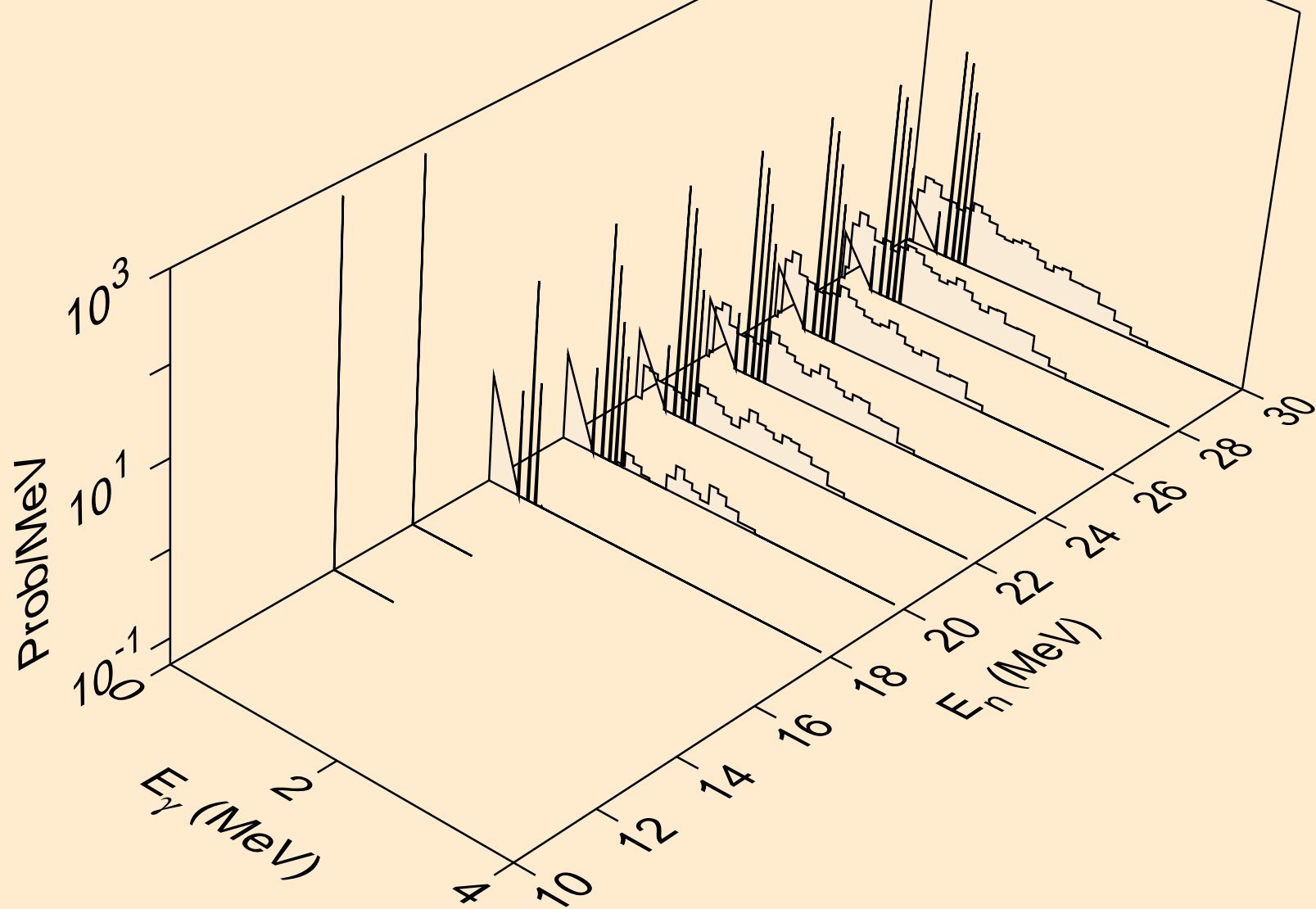


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

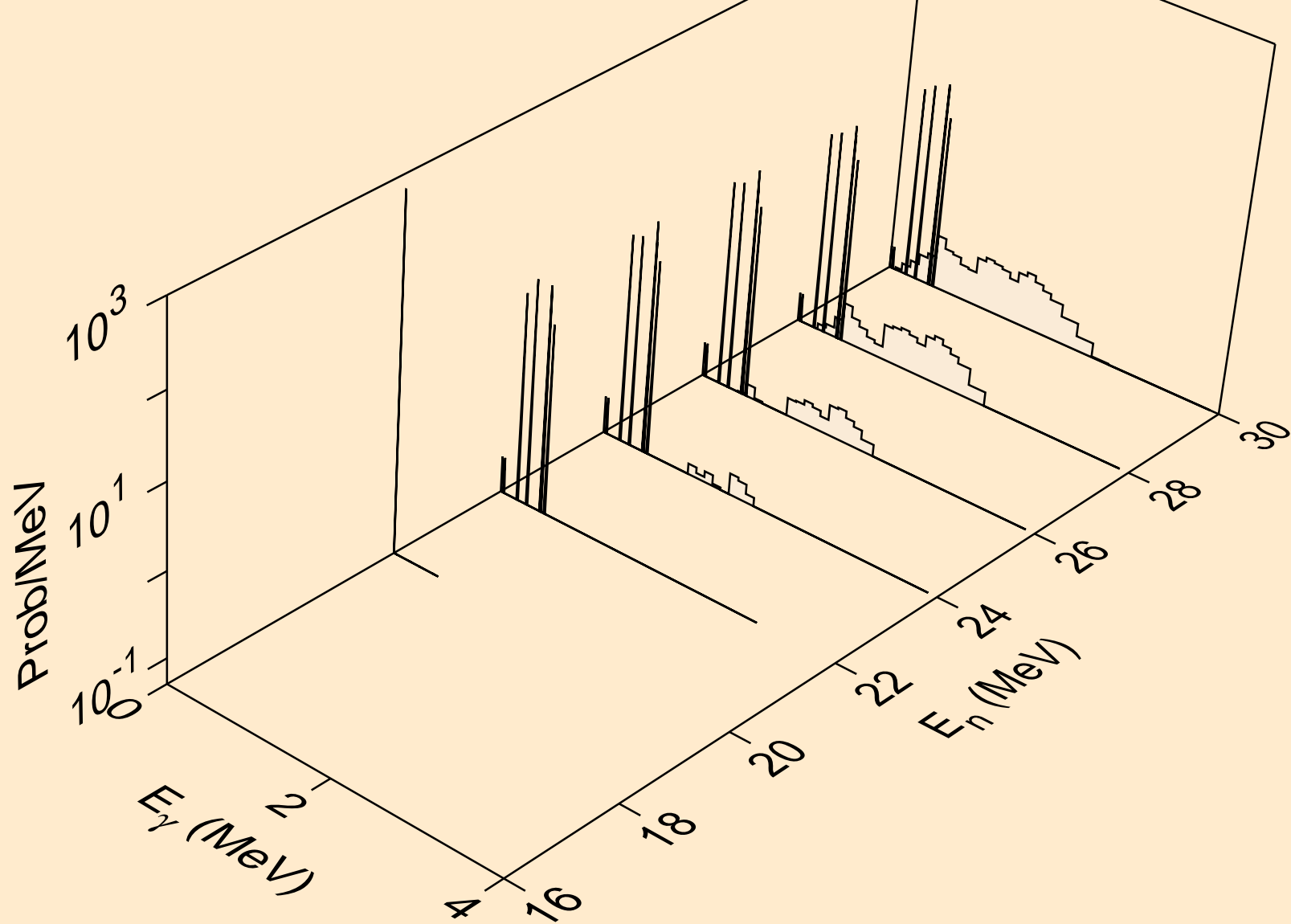




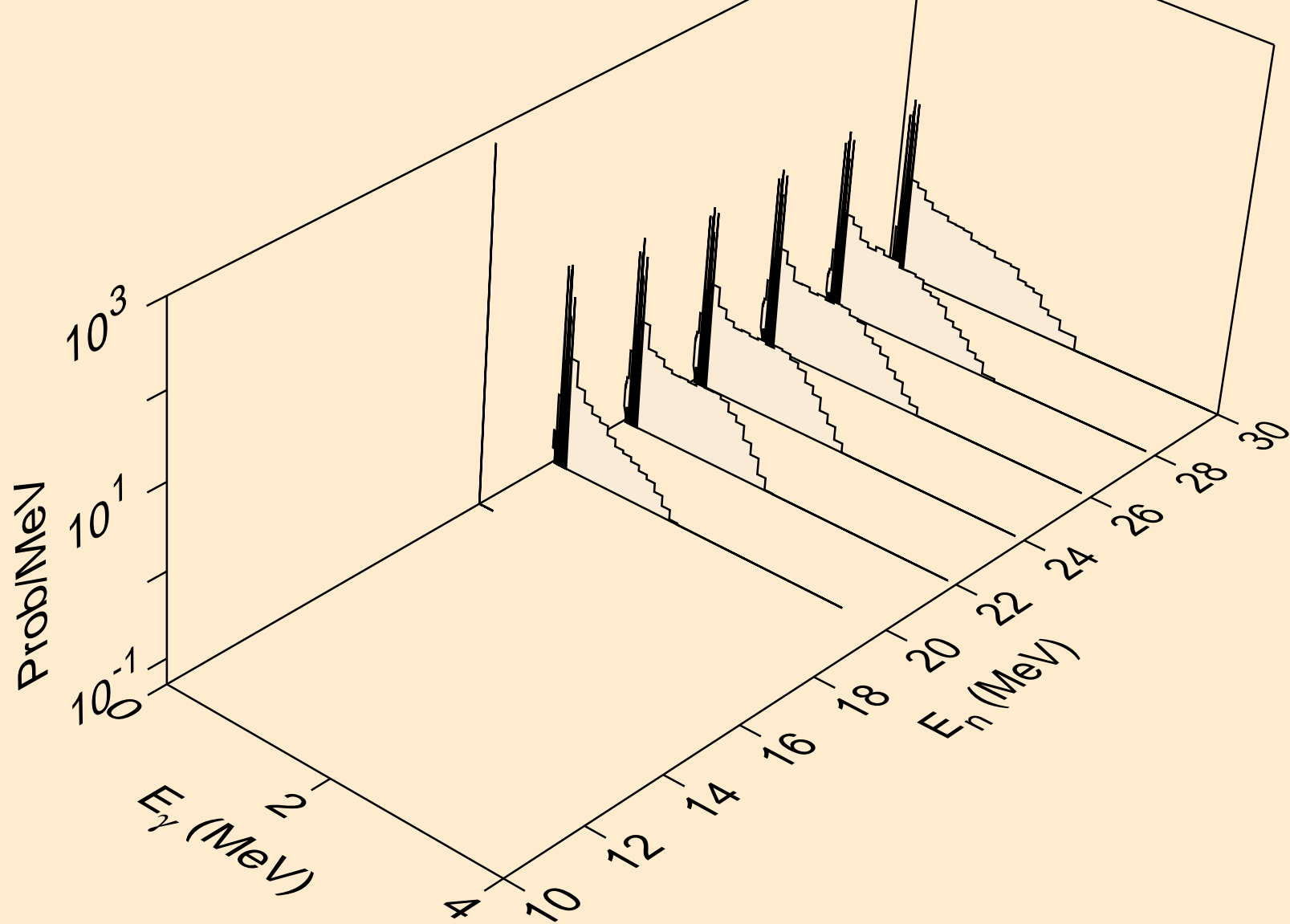
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



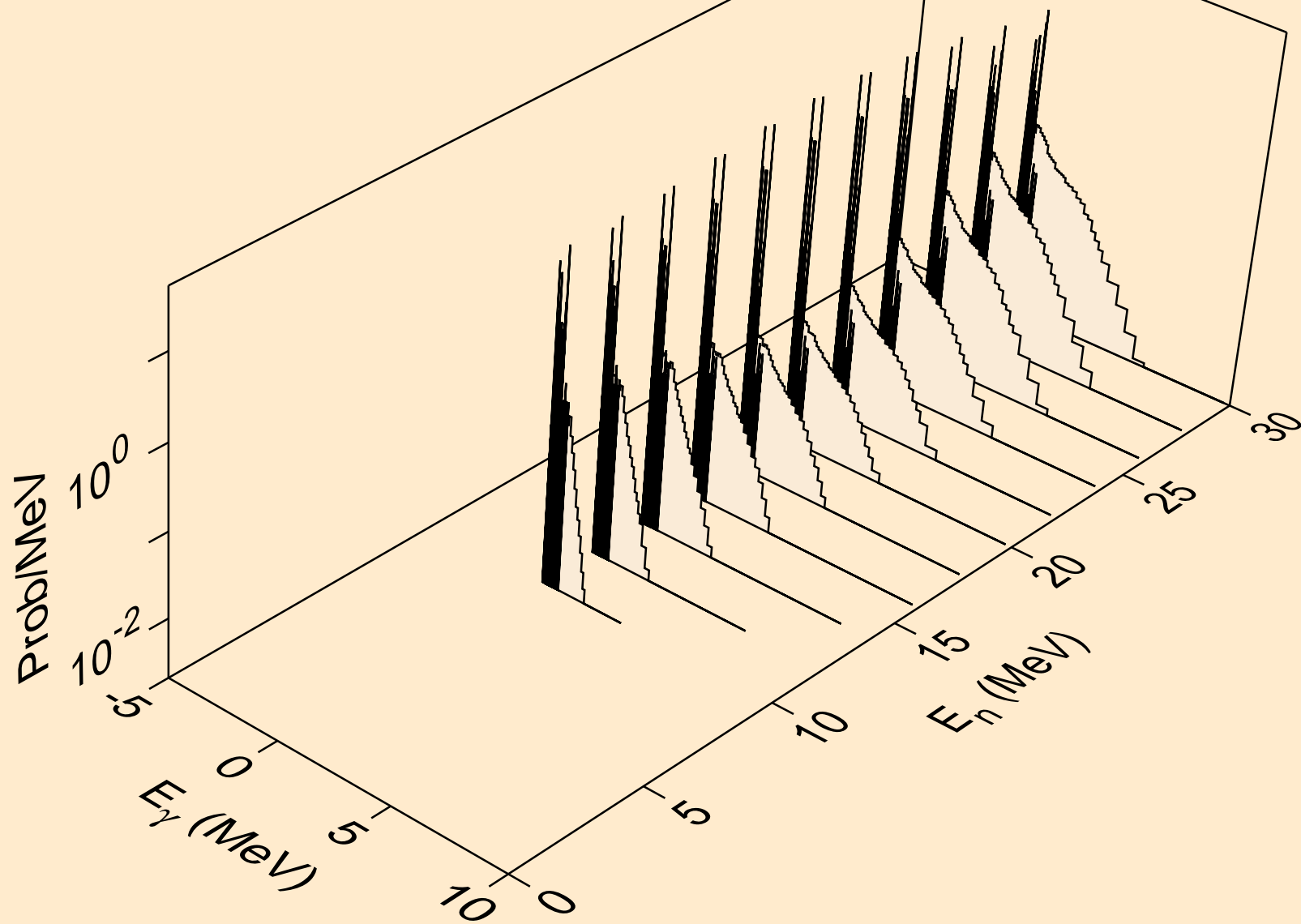
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



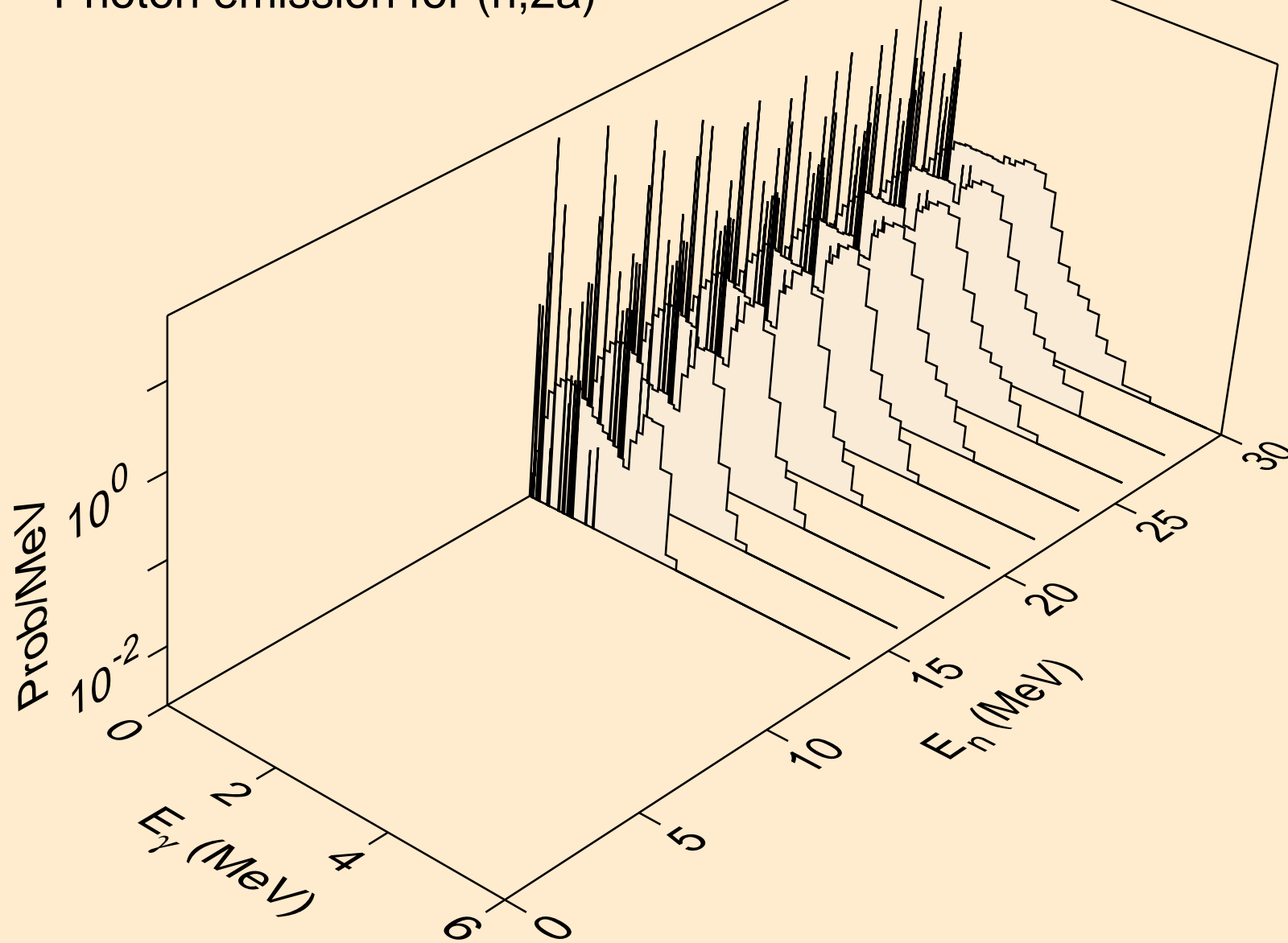
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



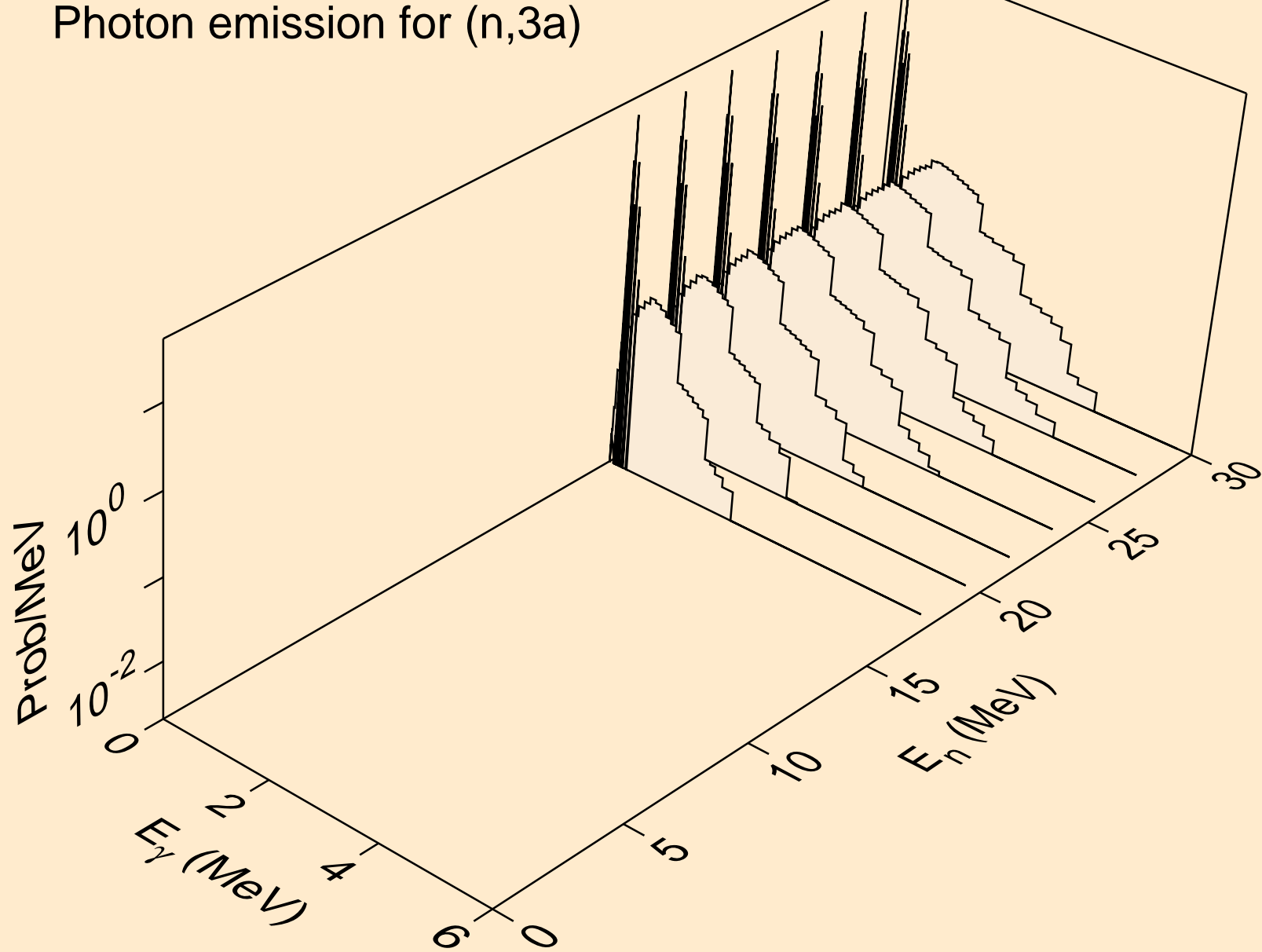
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



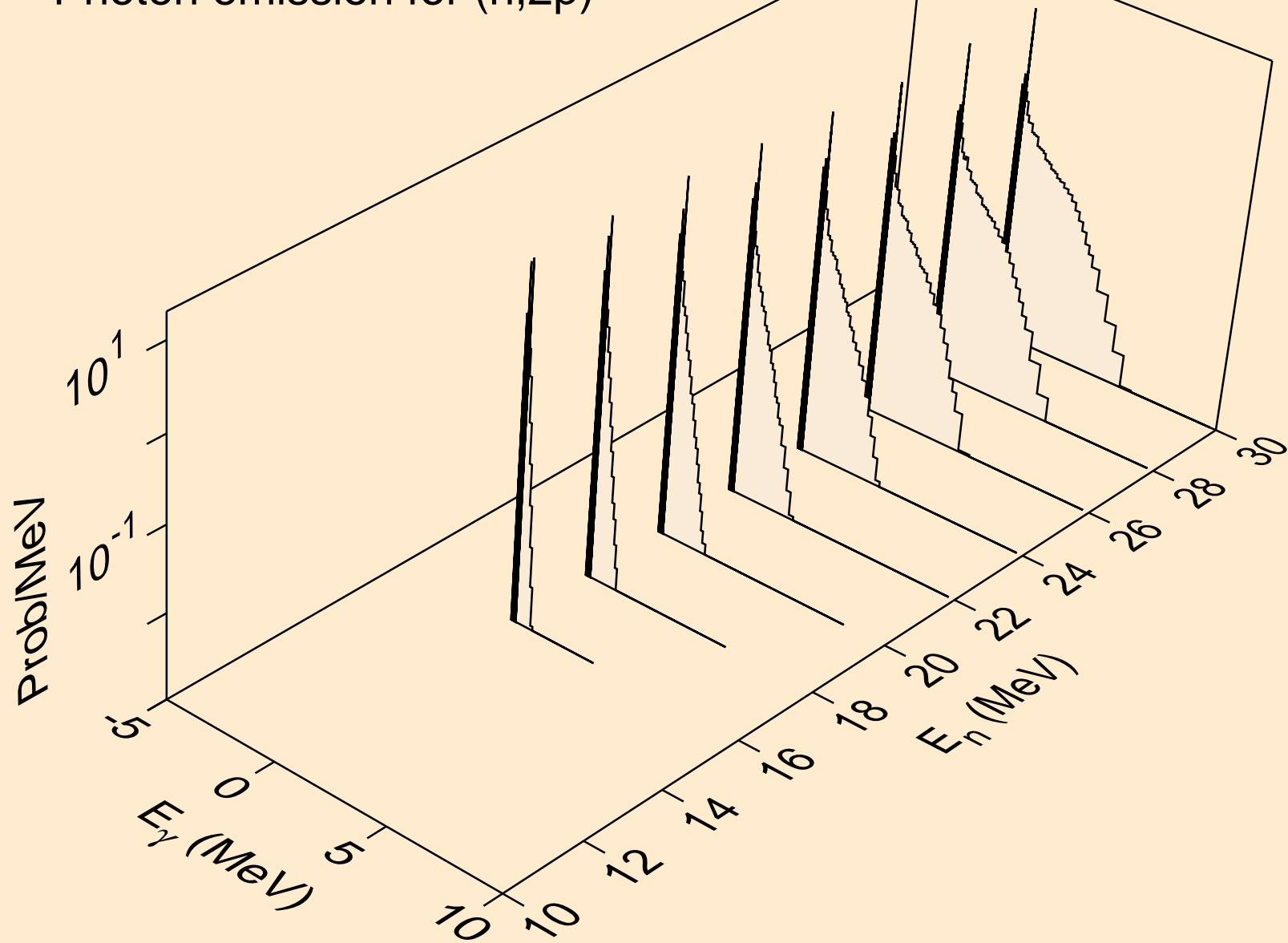
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



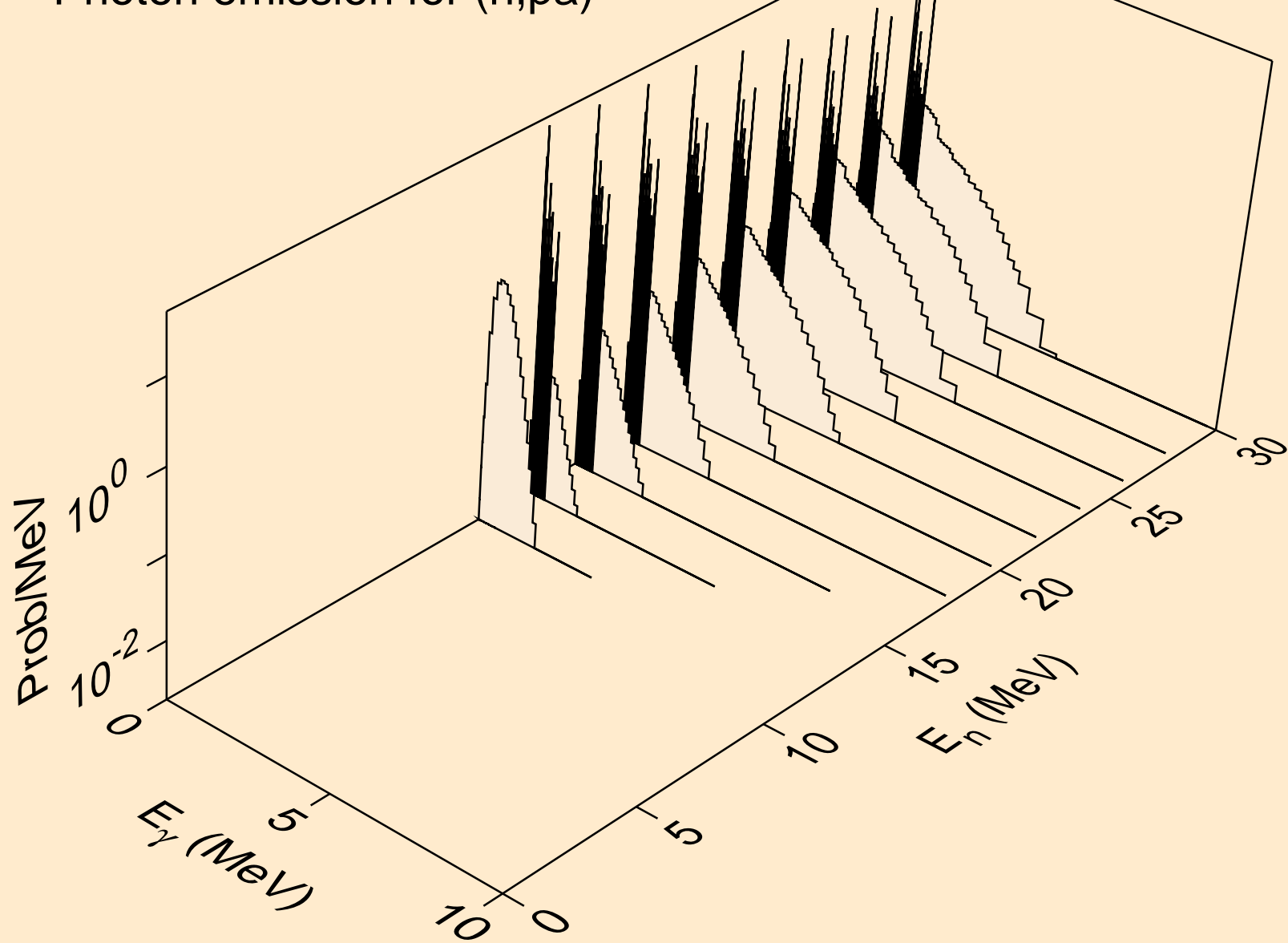
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

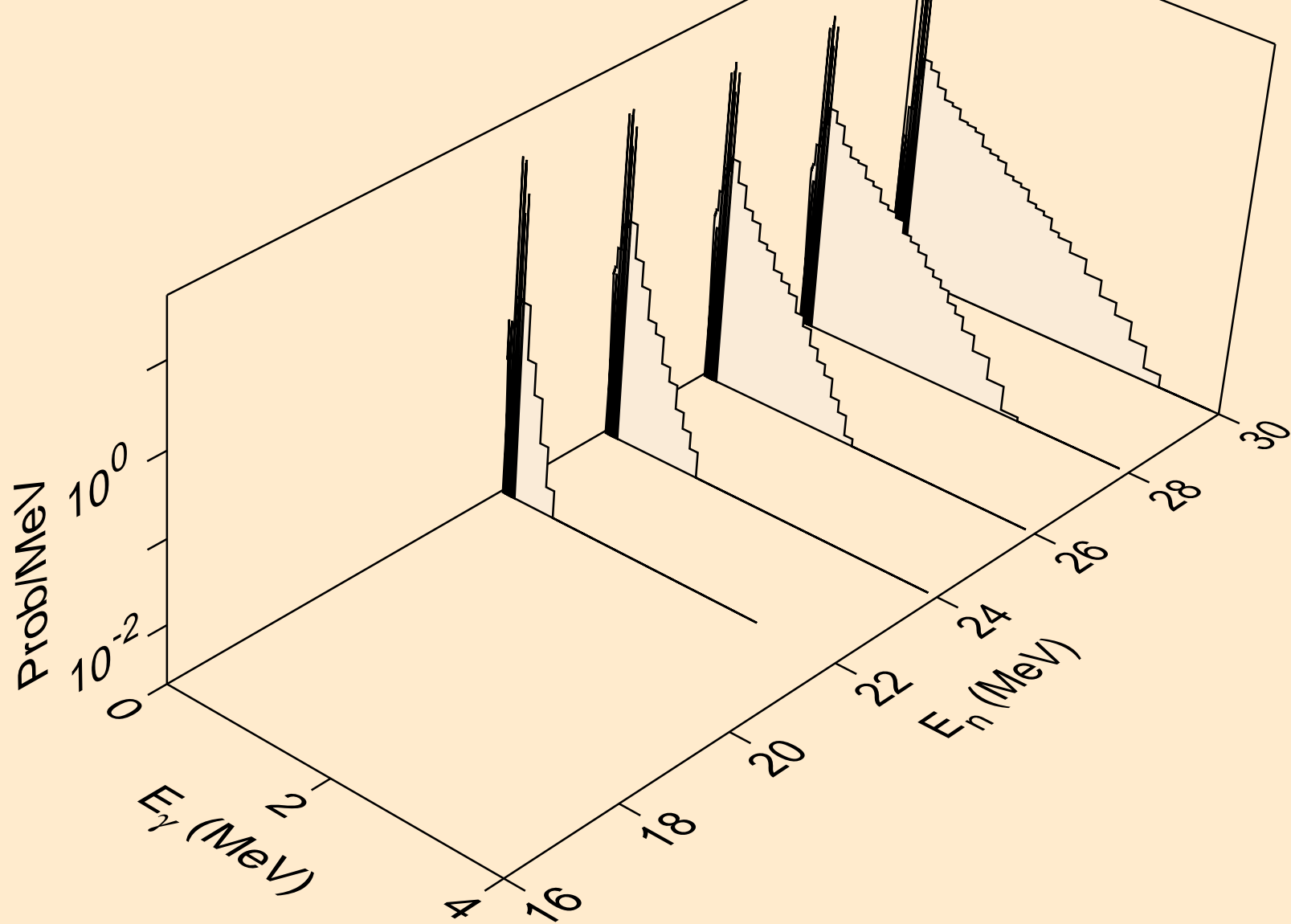


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

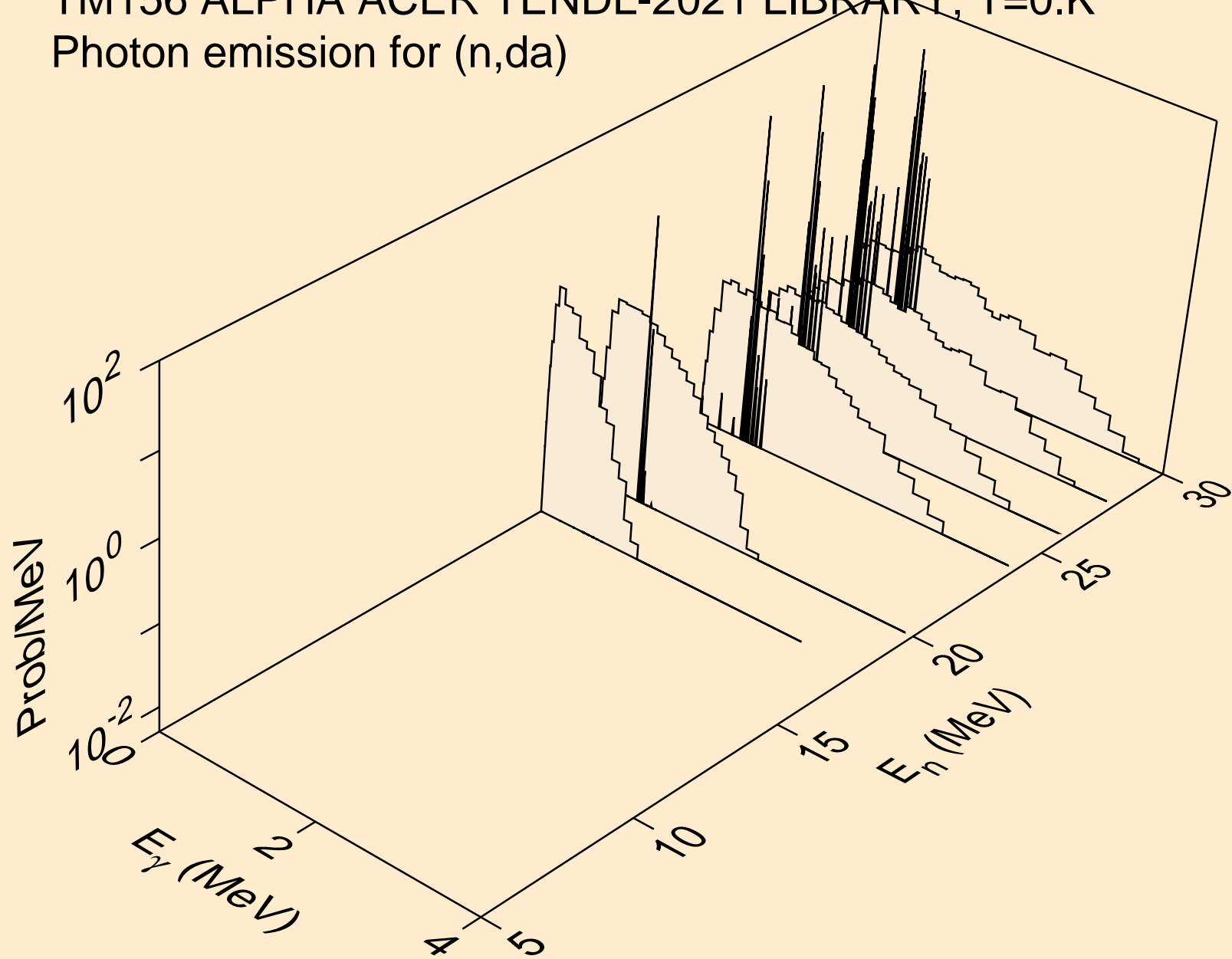




TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

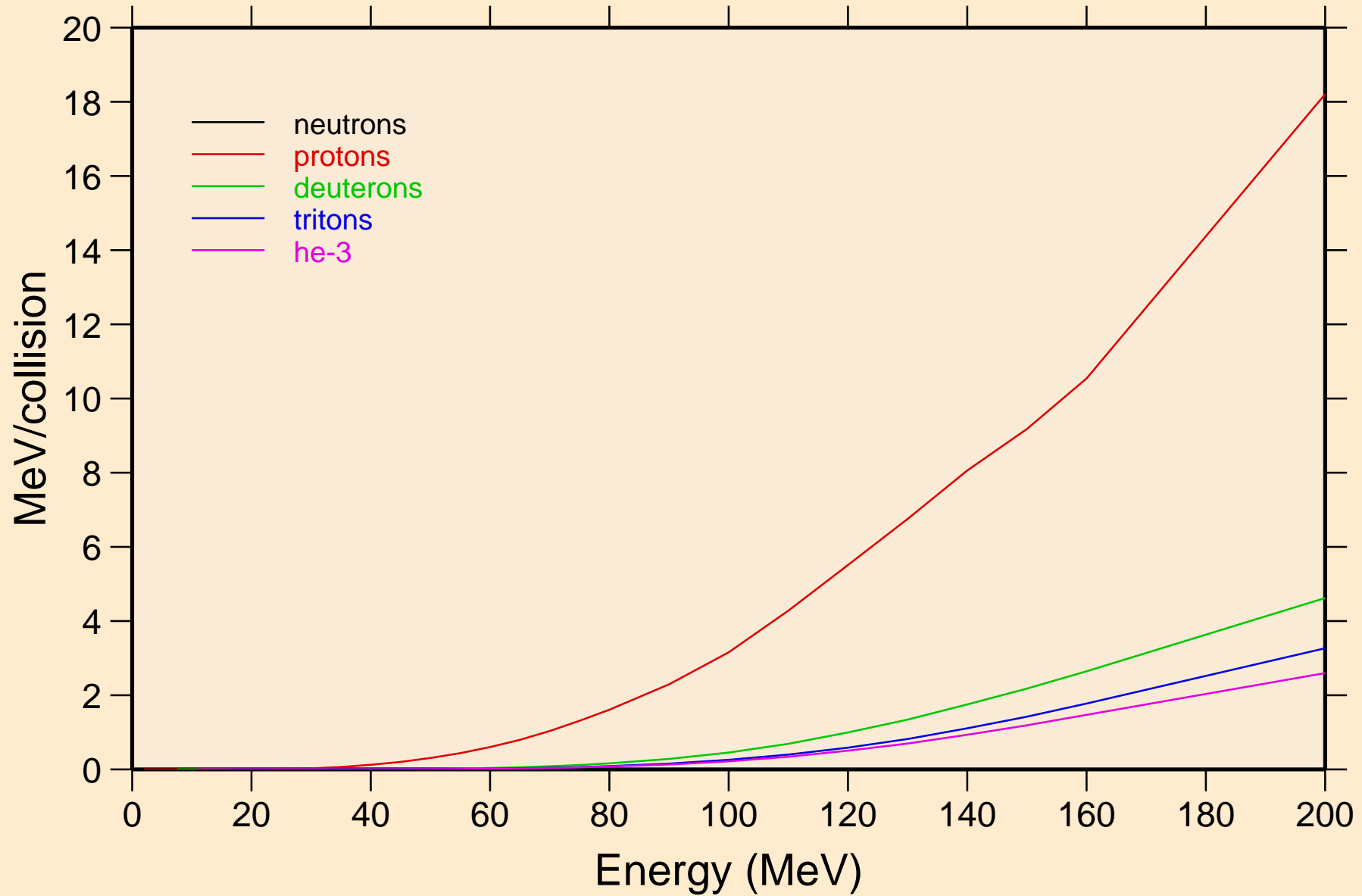


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

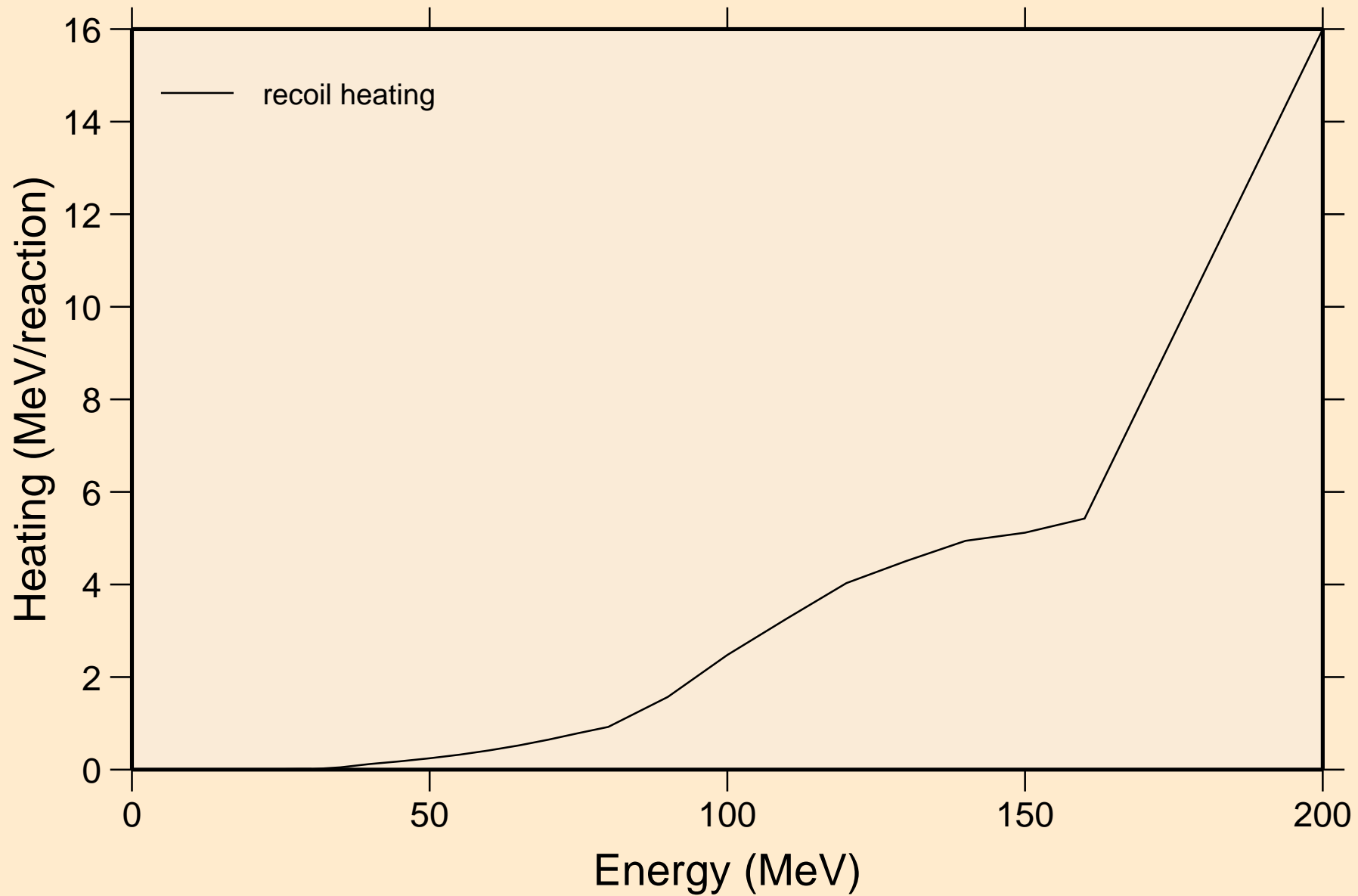


# TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

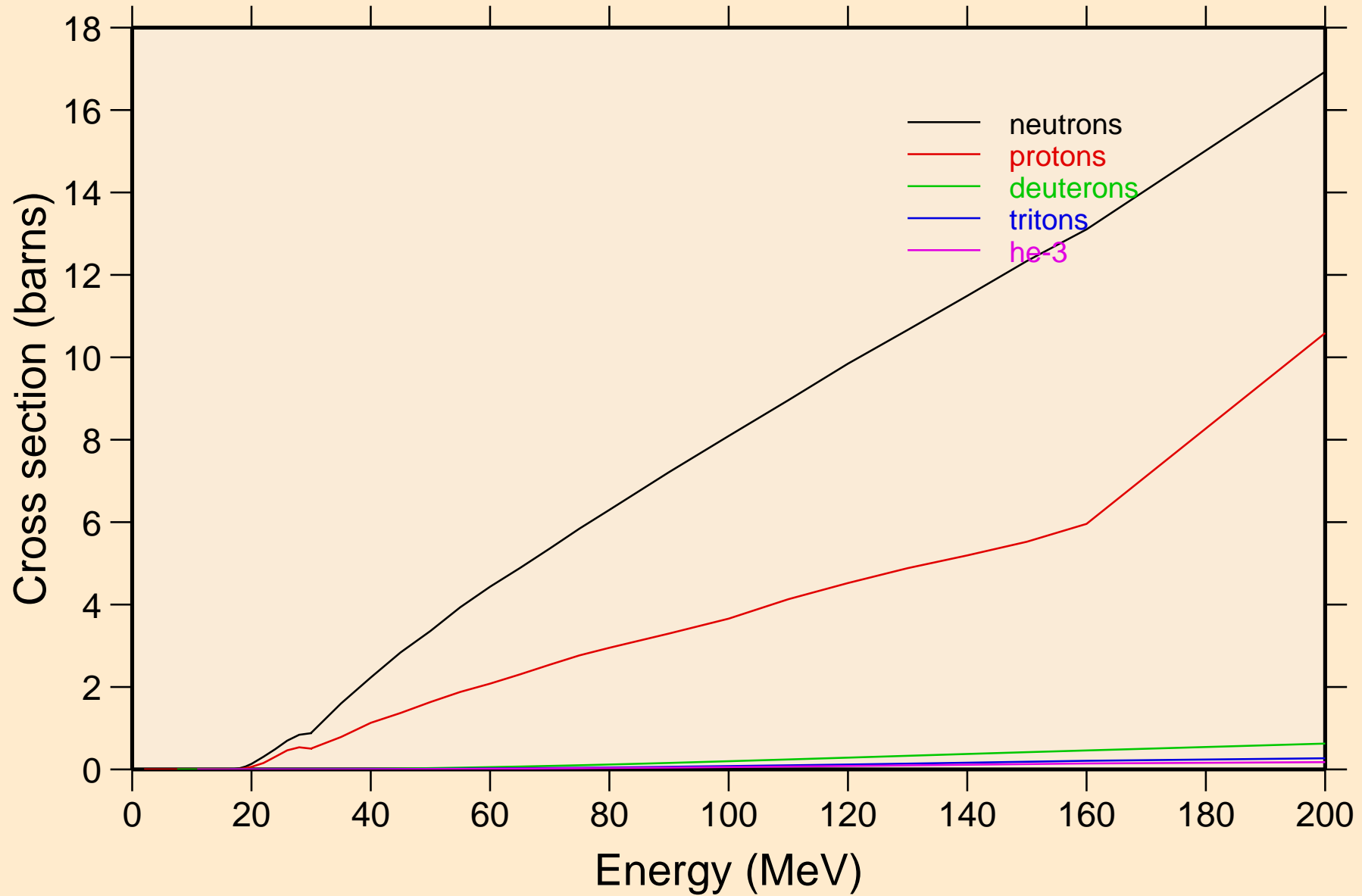
## Particle heating contributions



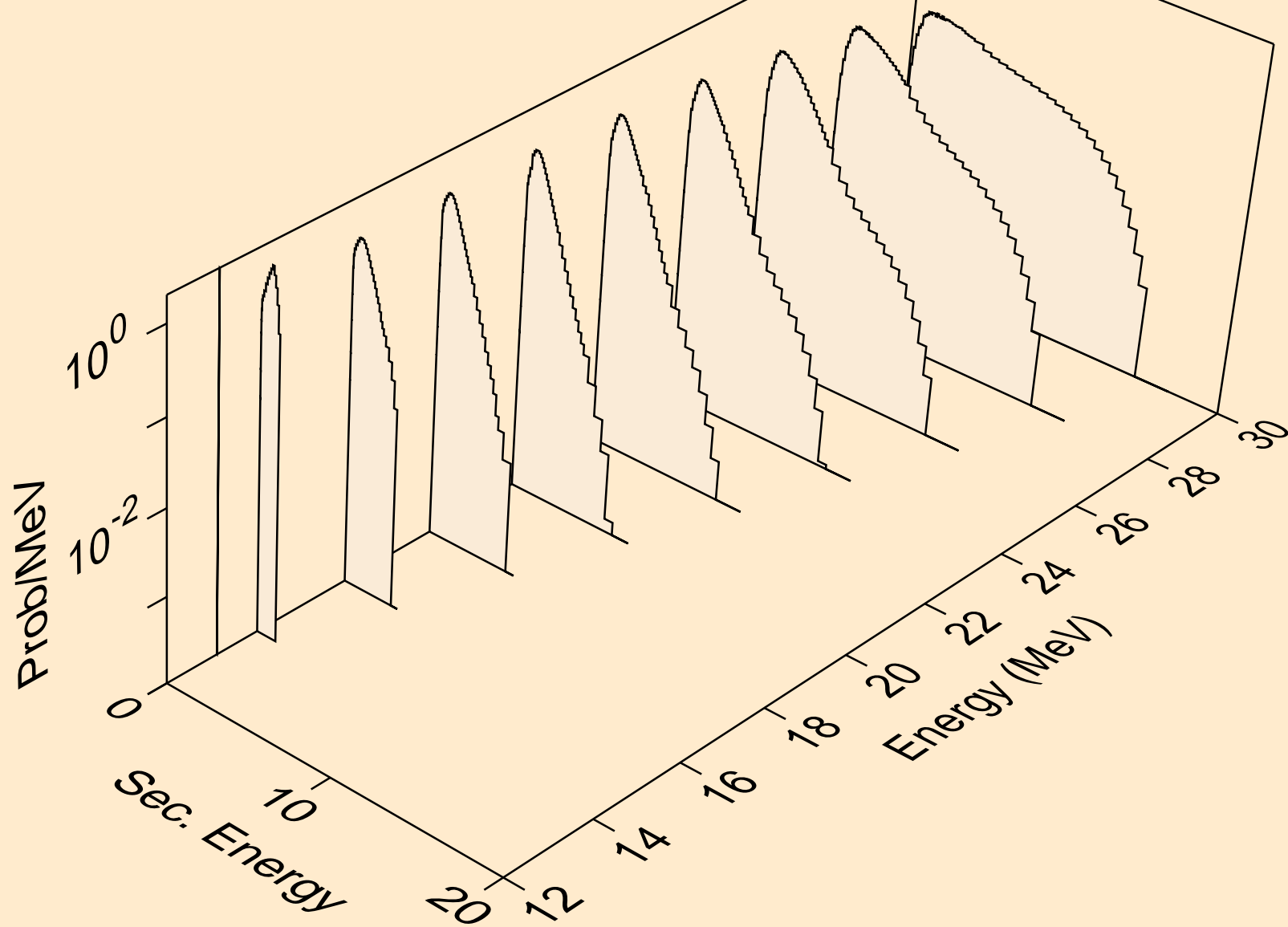
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



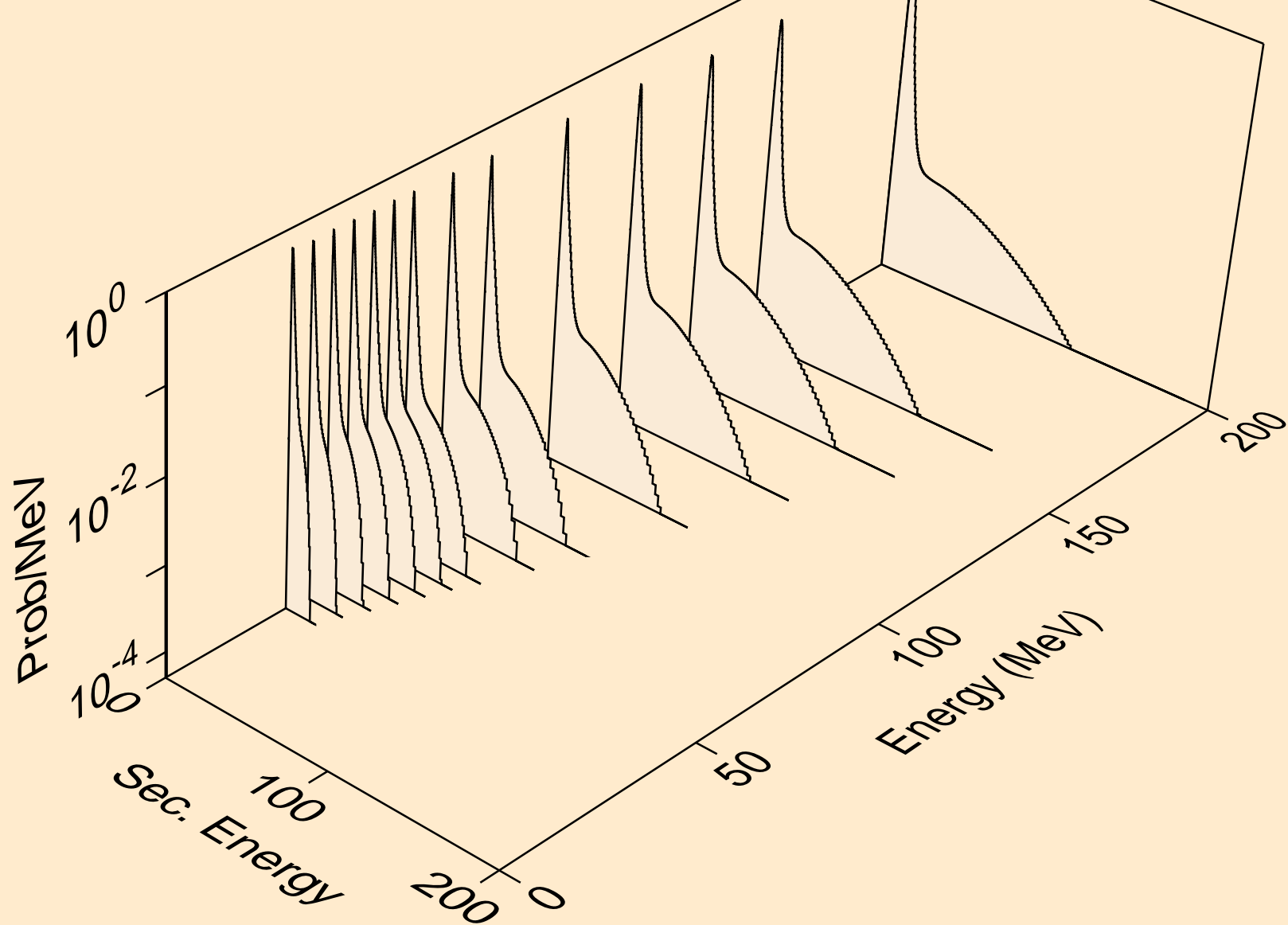
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



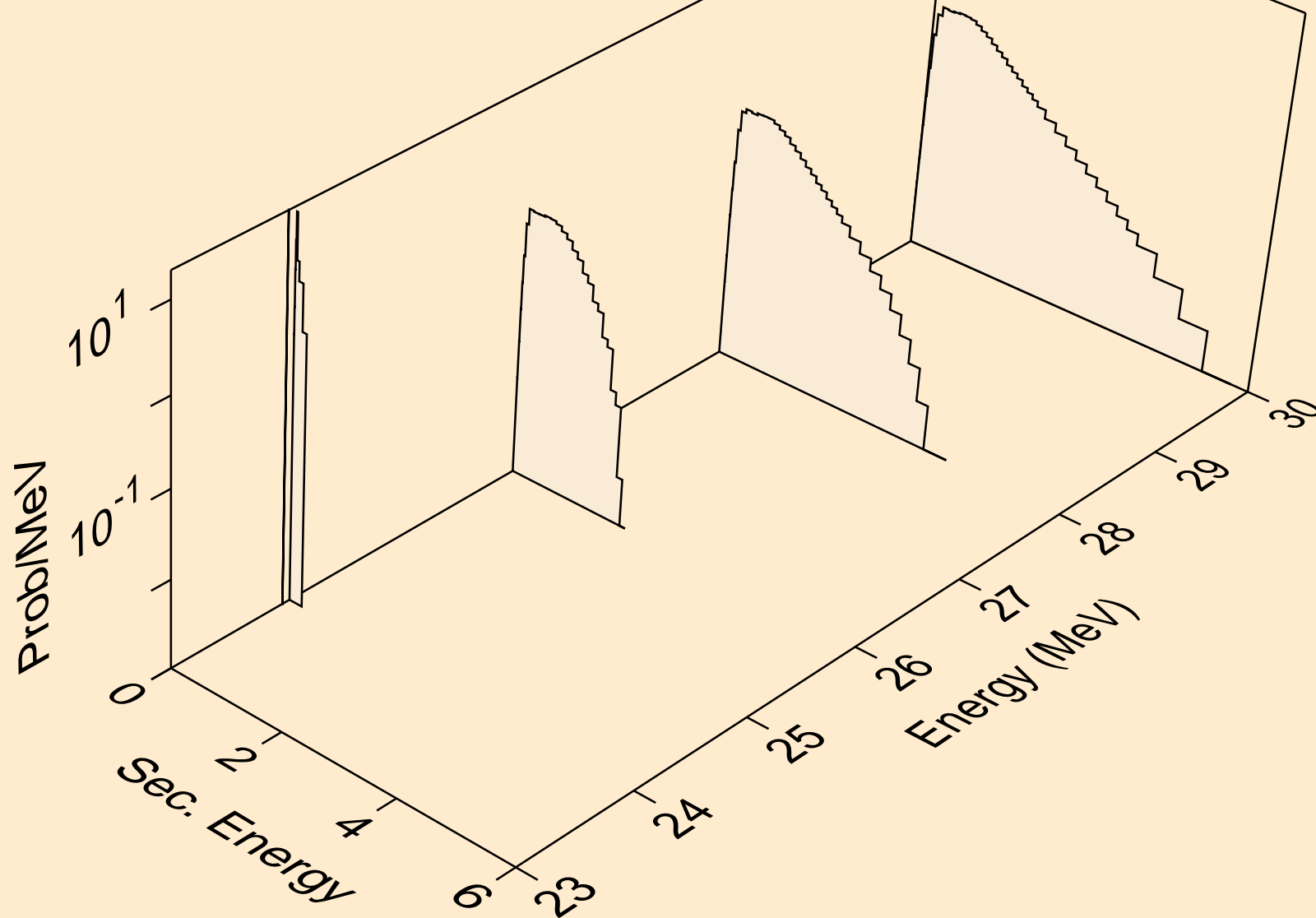
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

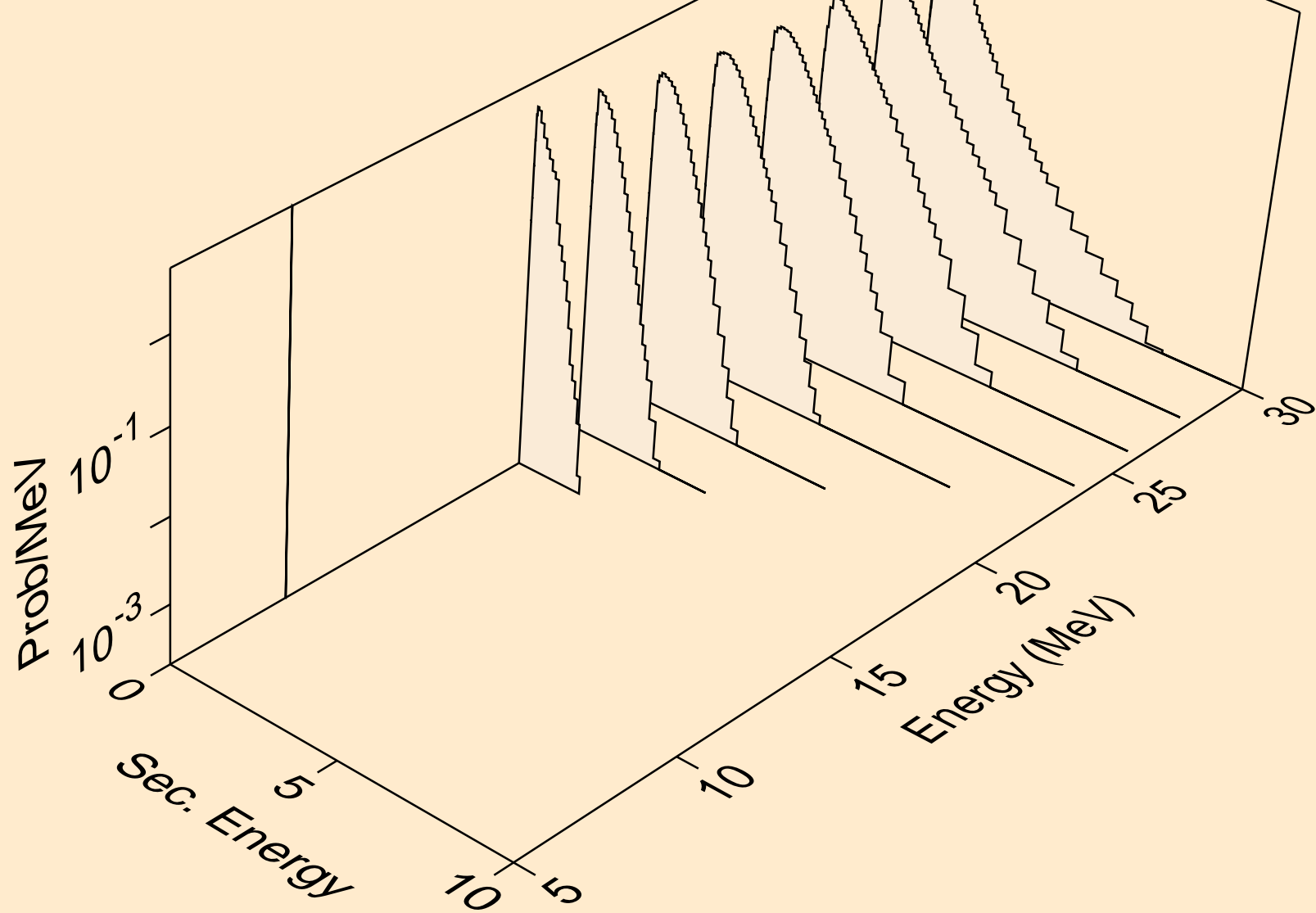


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

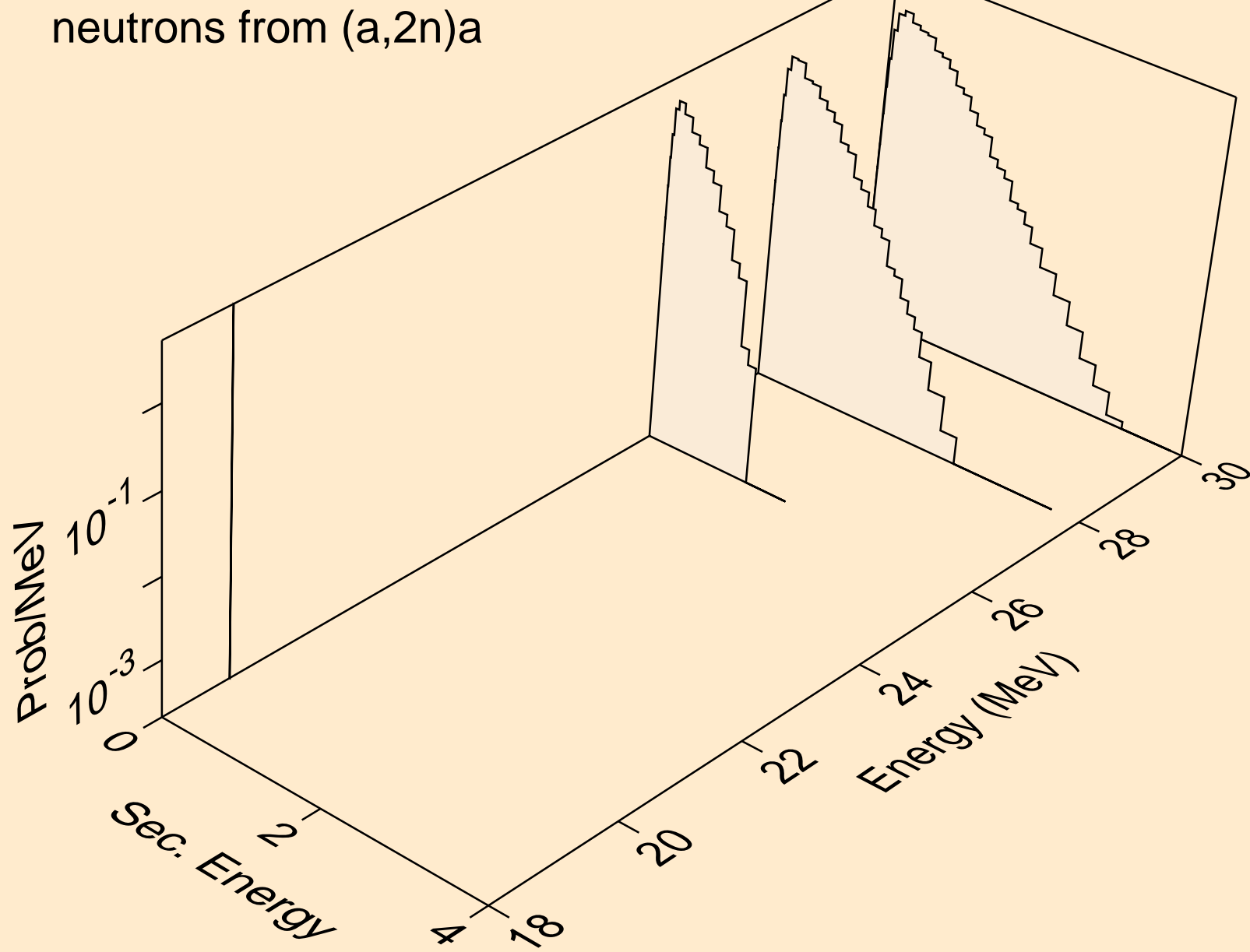




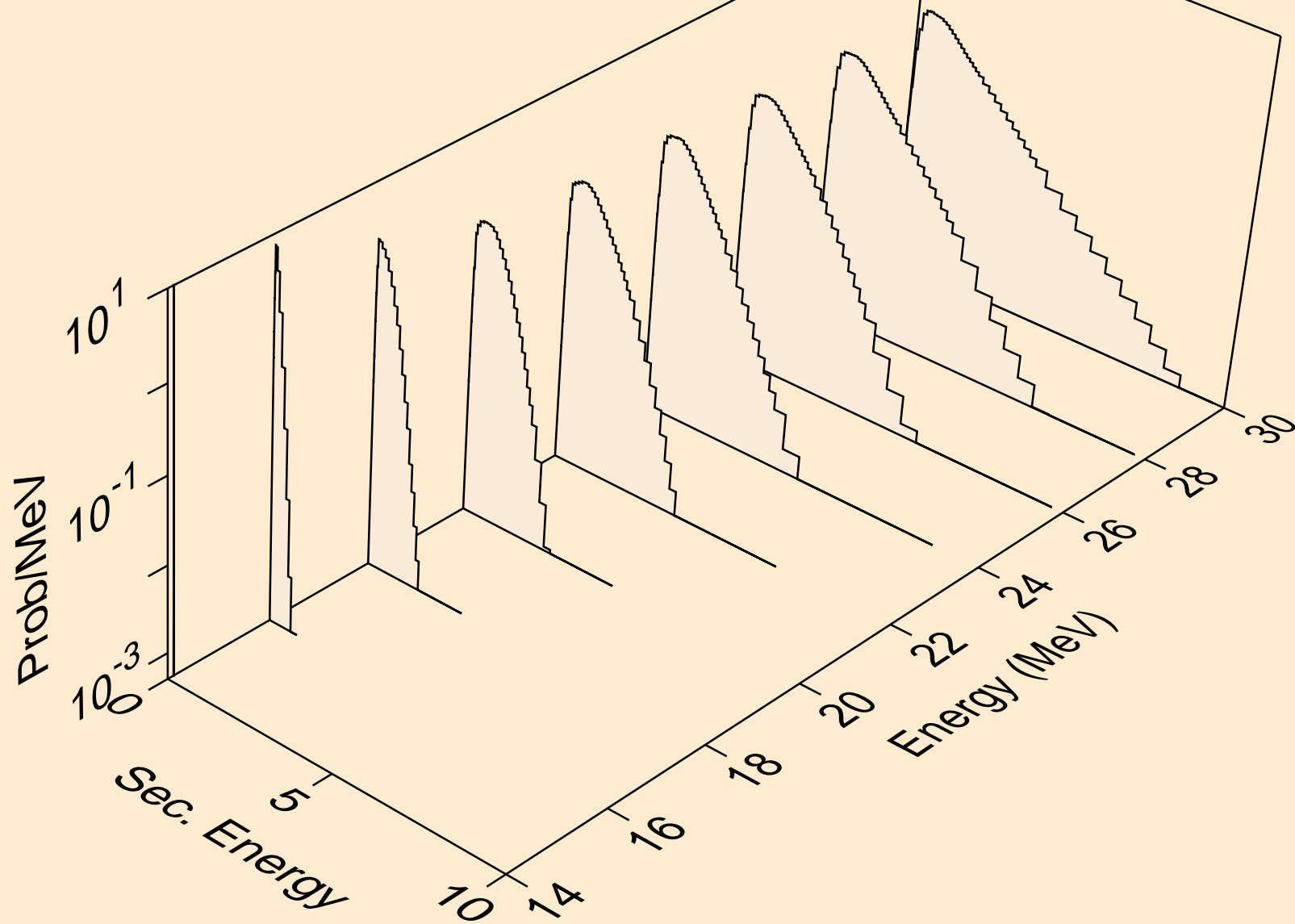
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



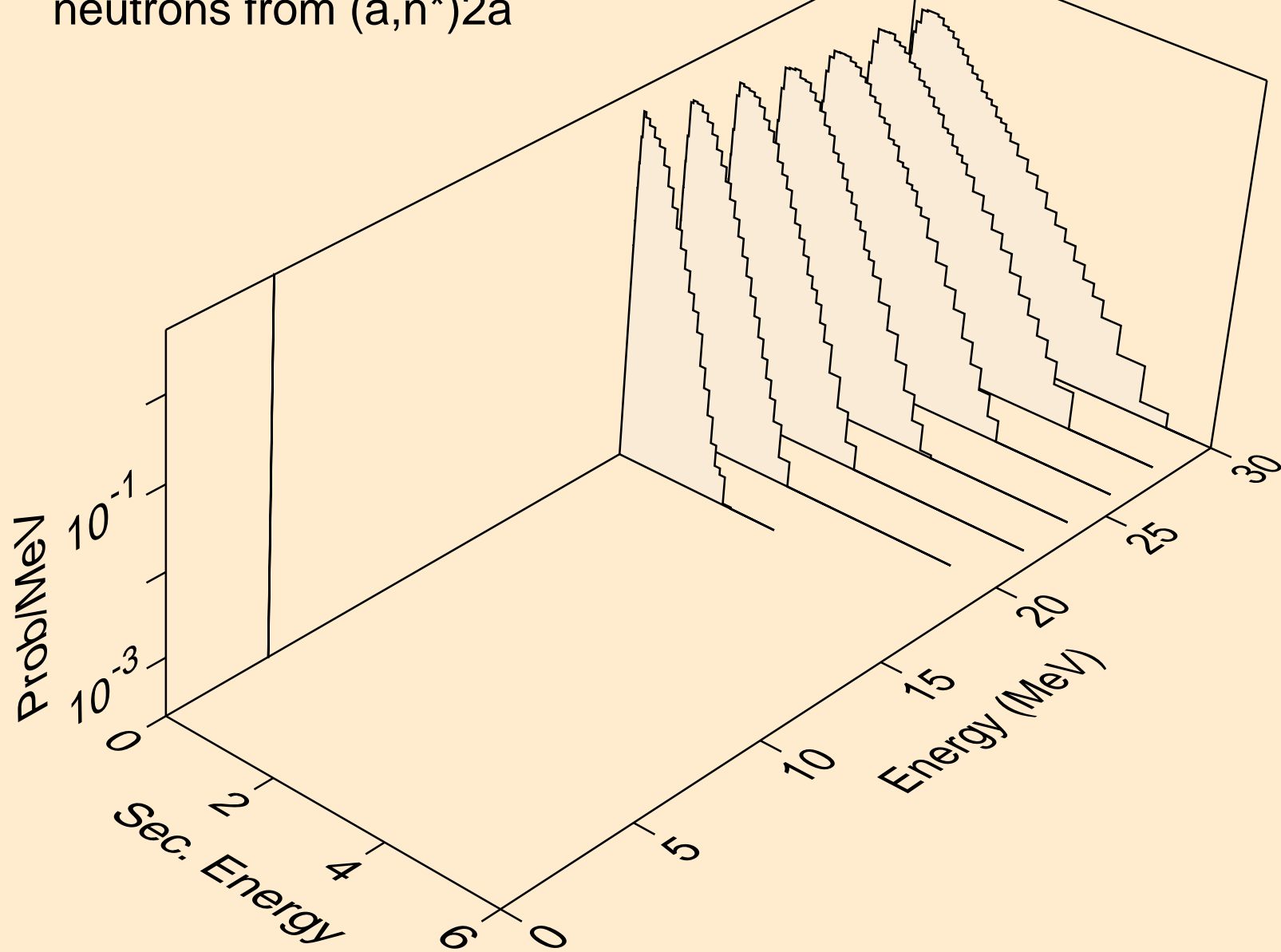
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



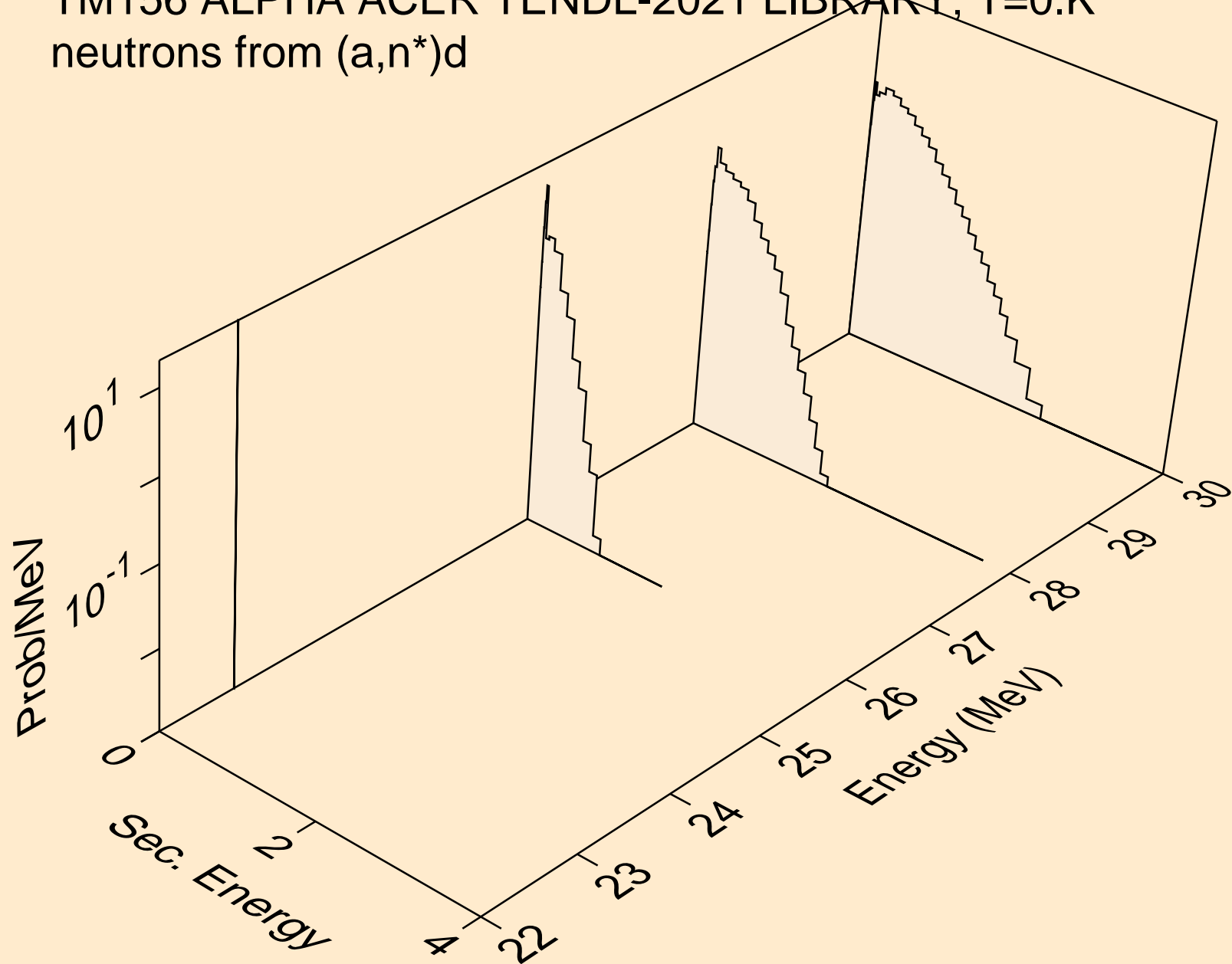
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



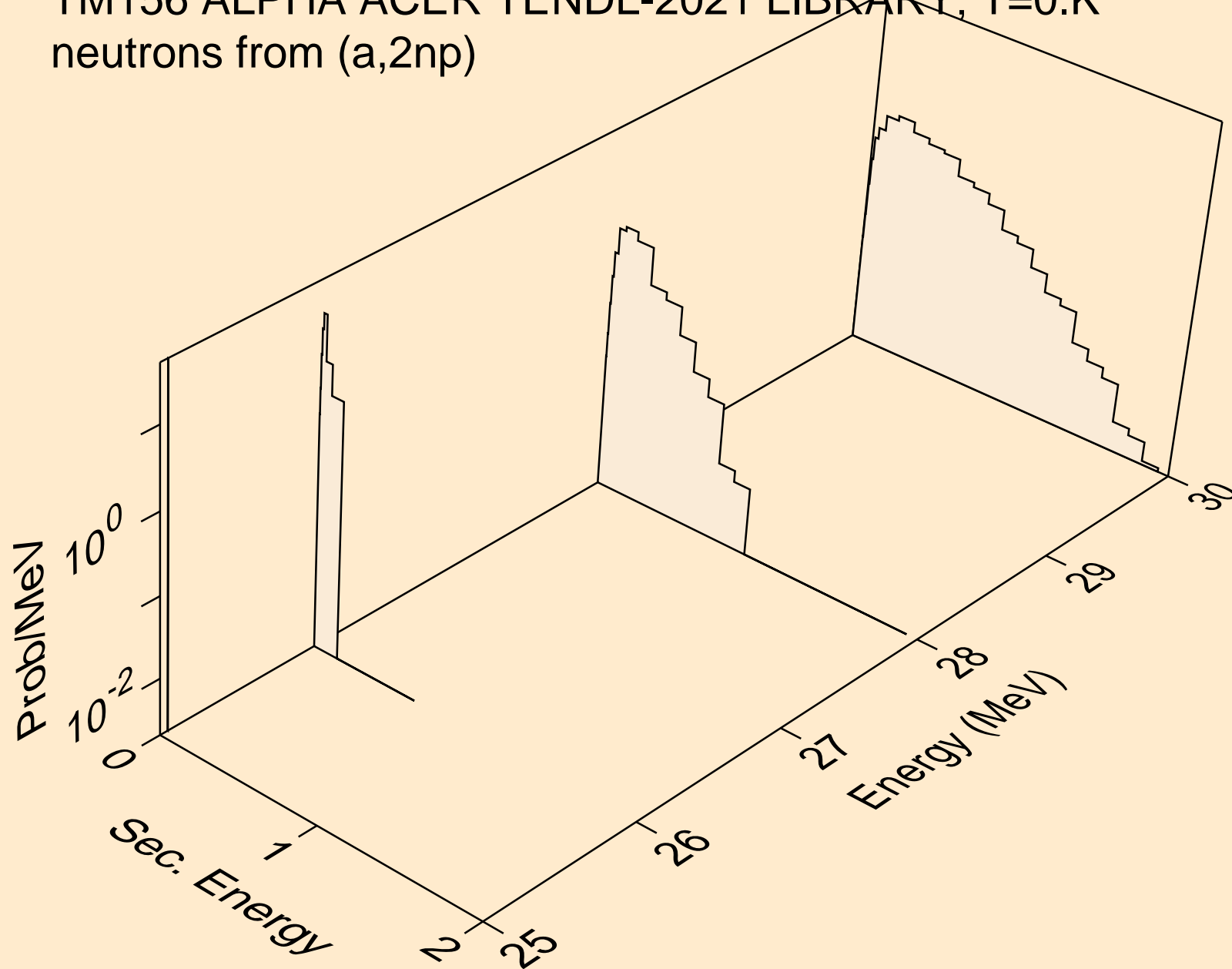
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



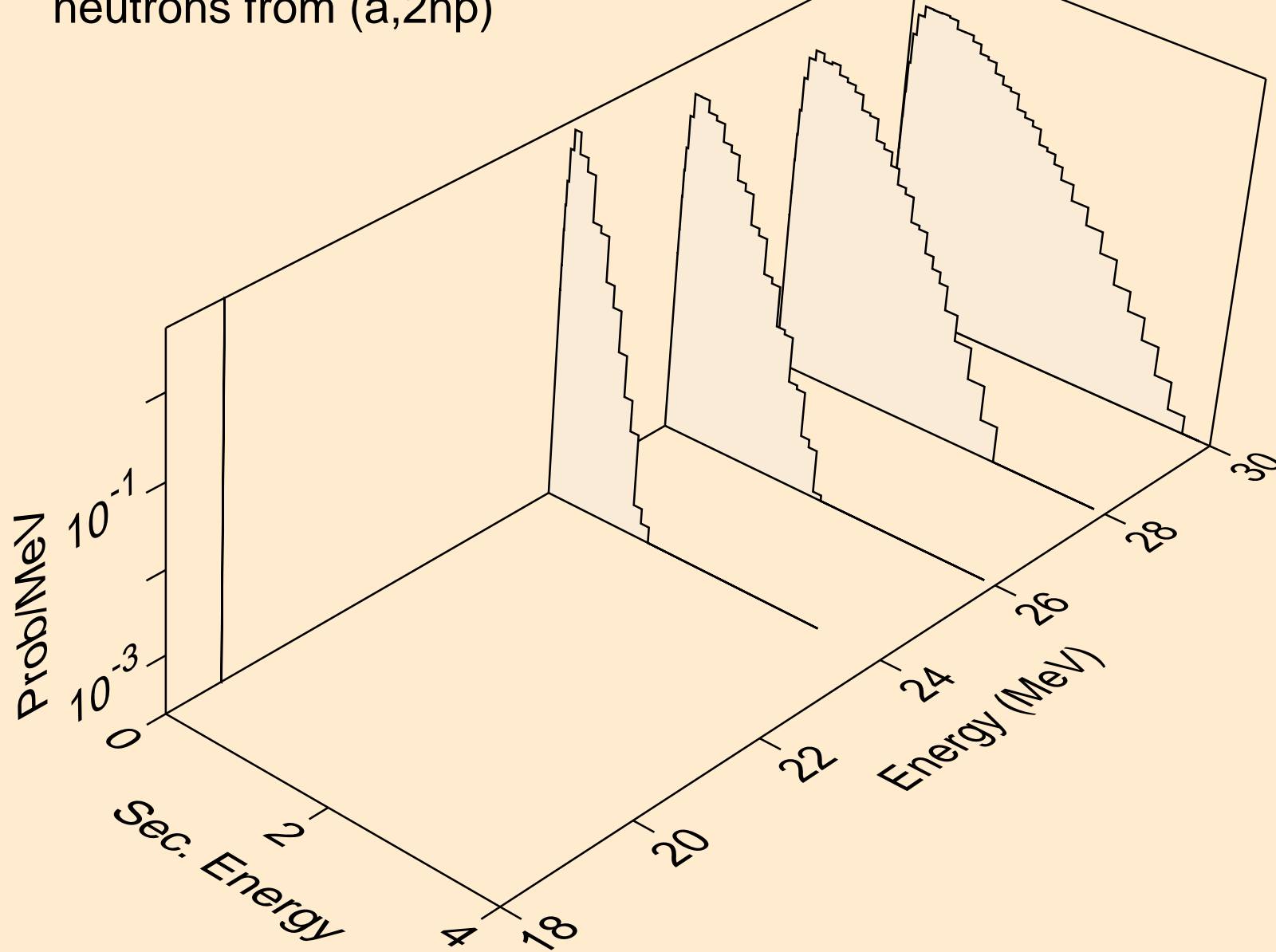
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



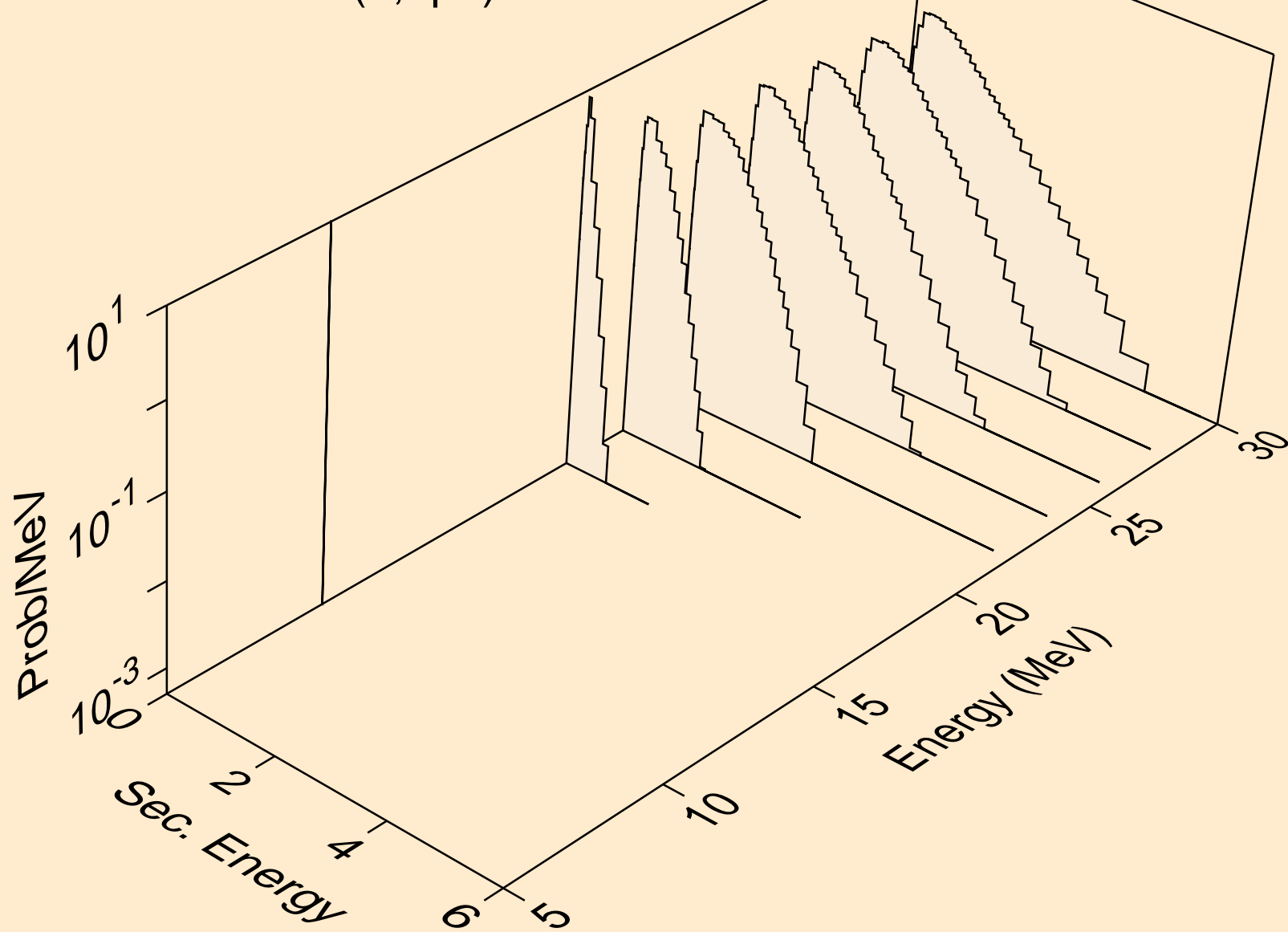
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

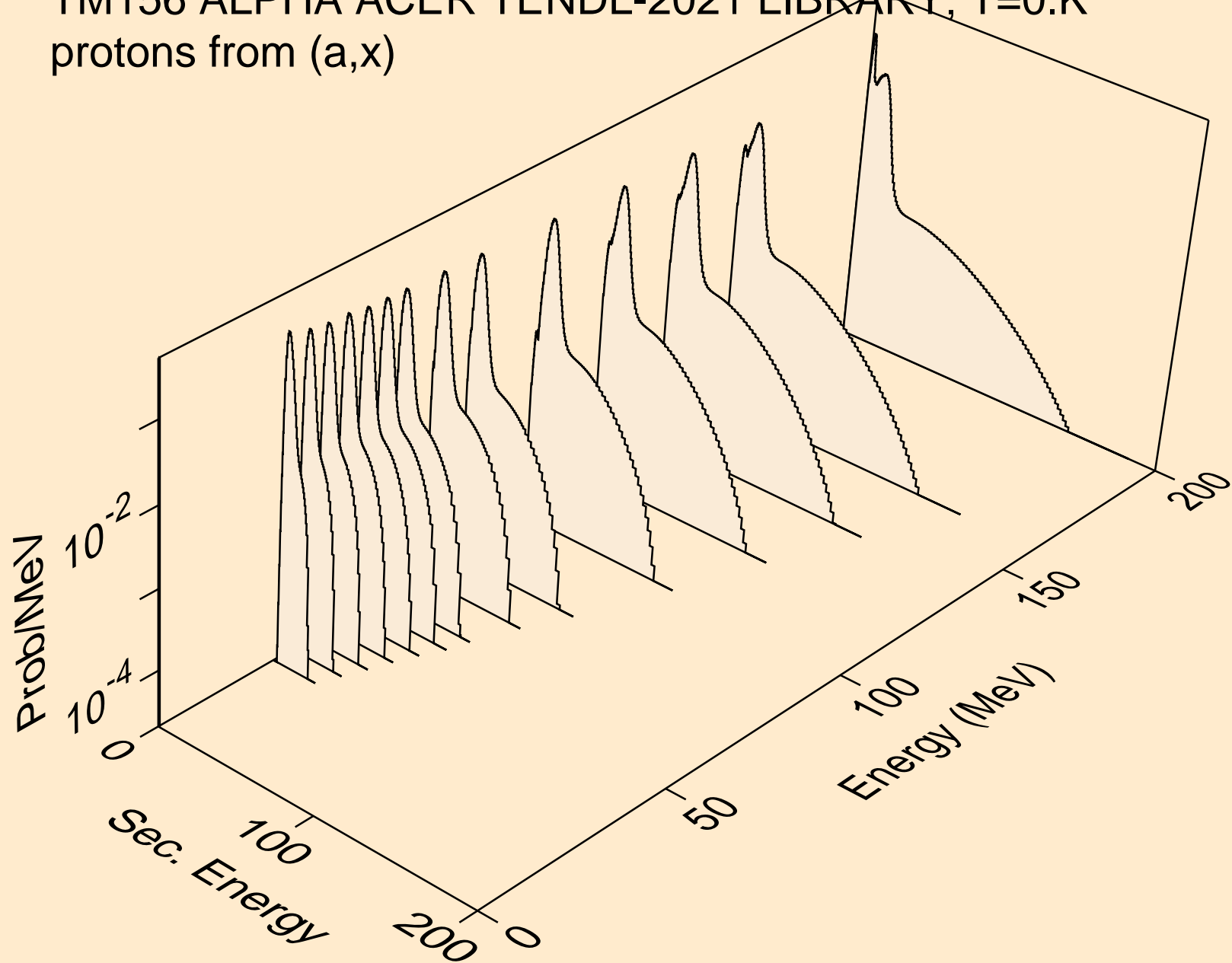


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

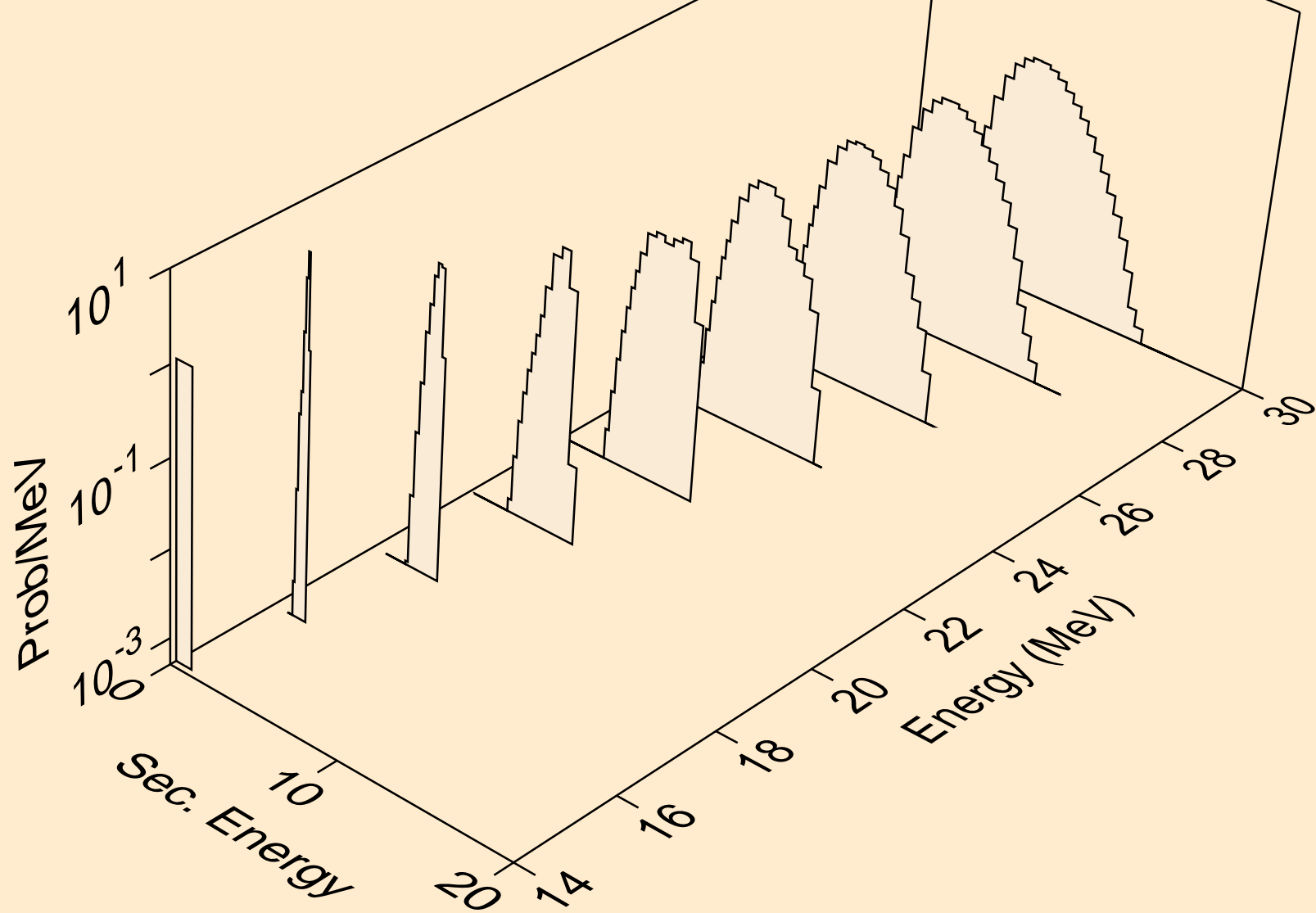




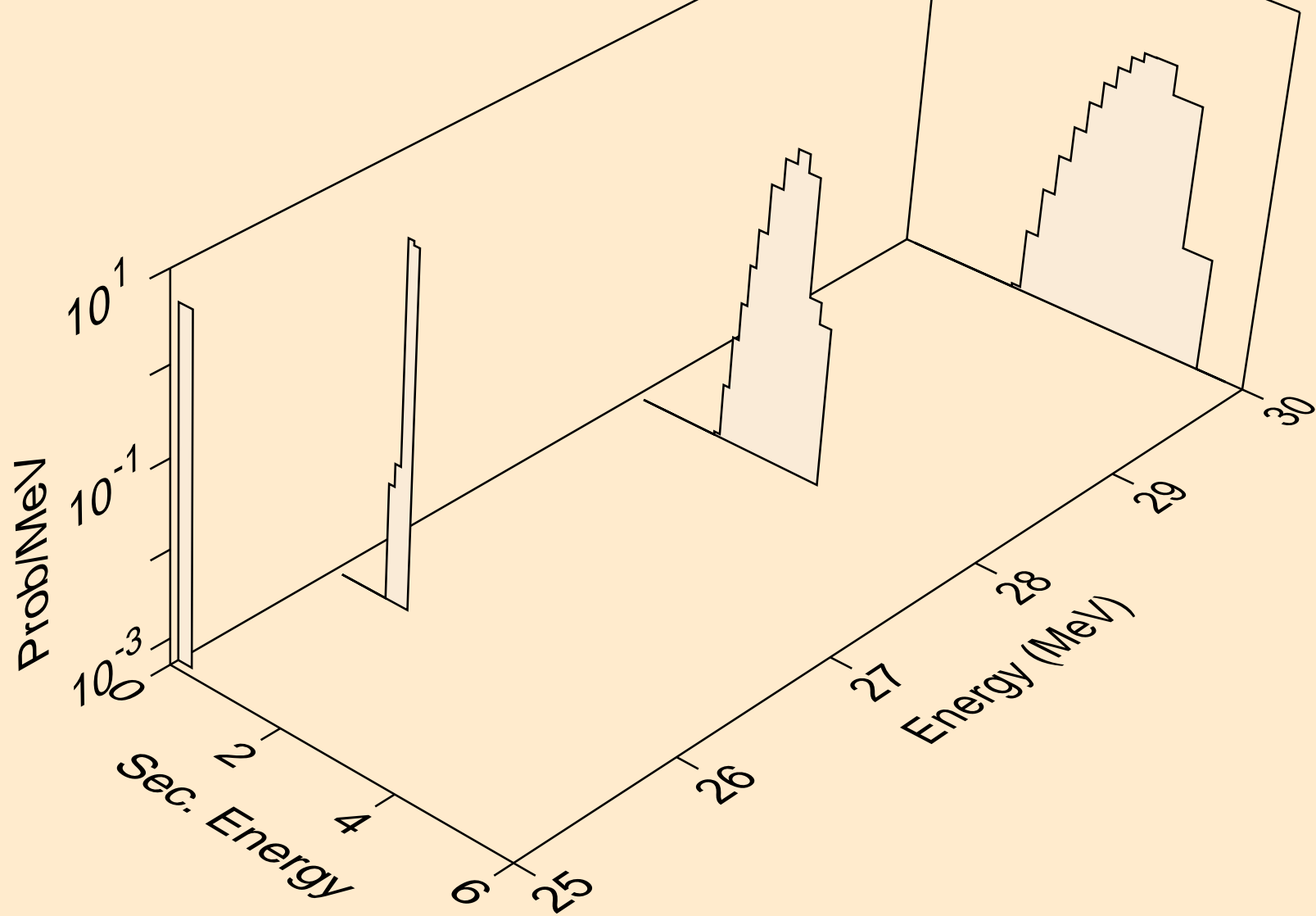
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



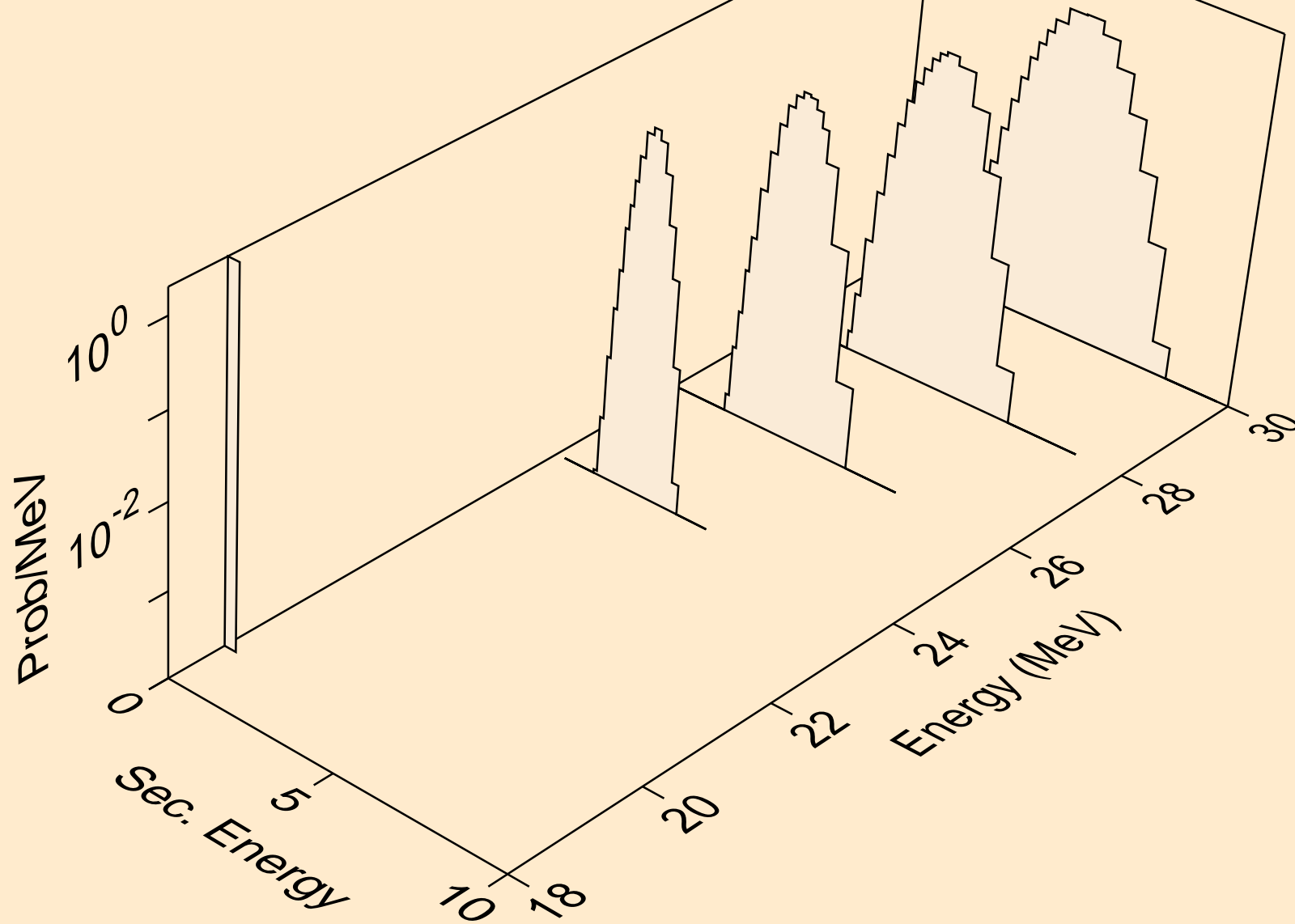
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



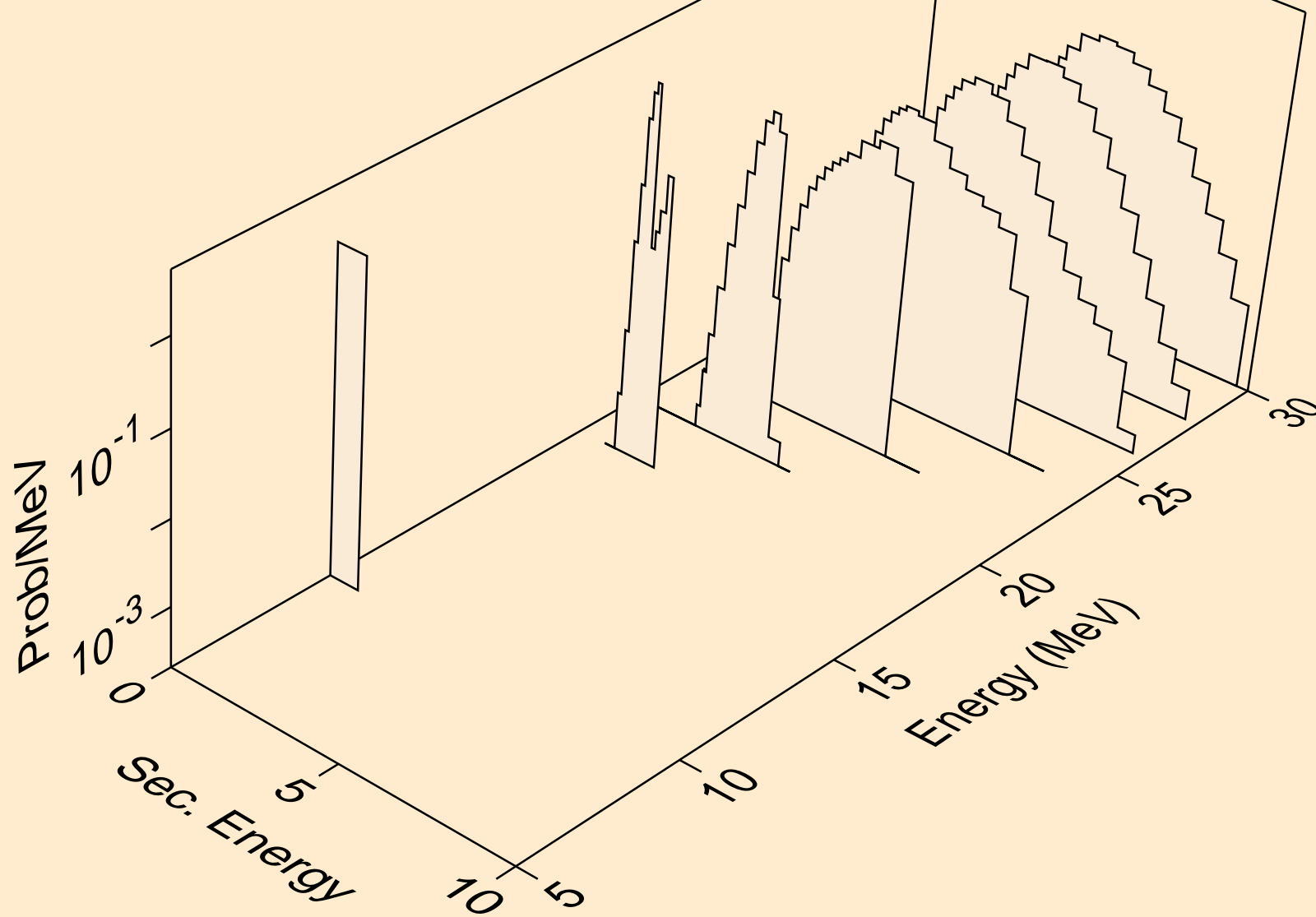
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



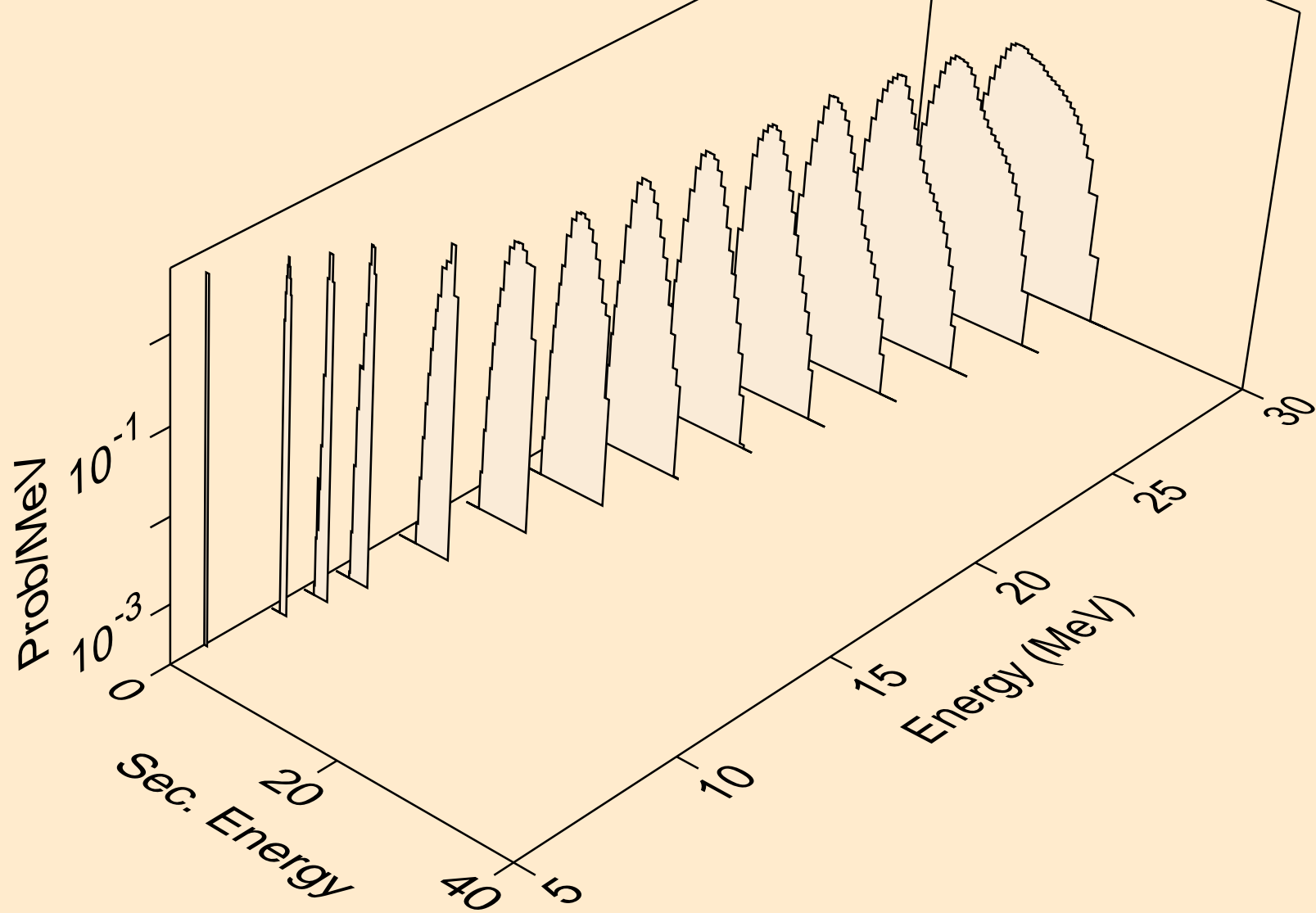
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



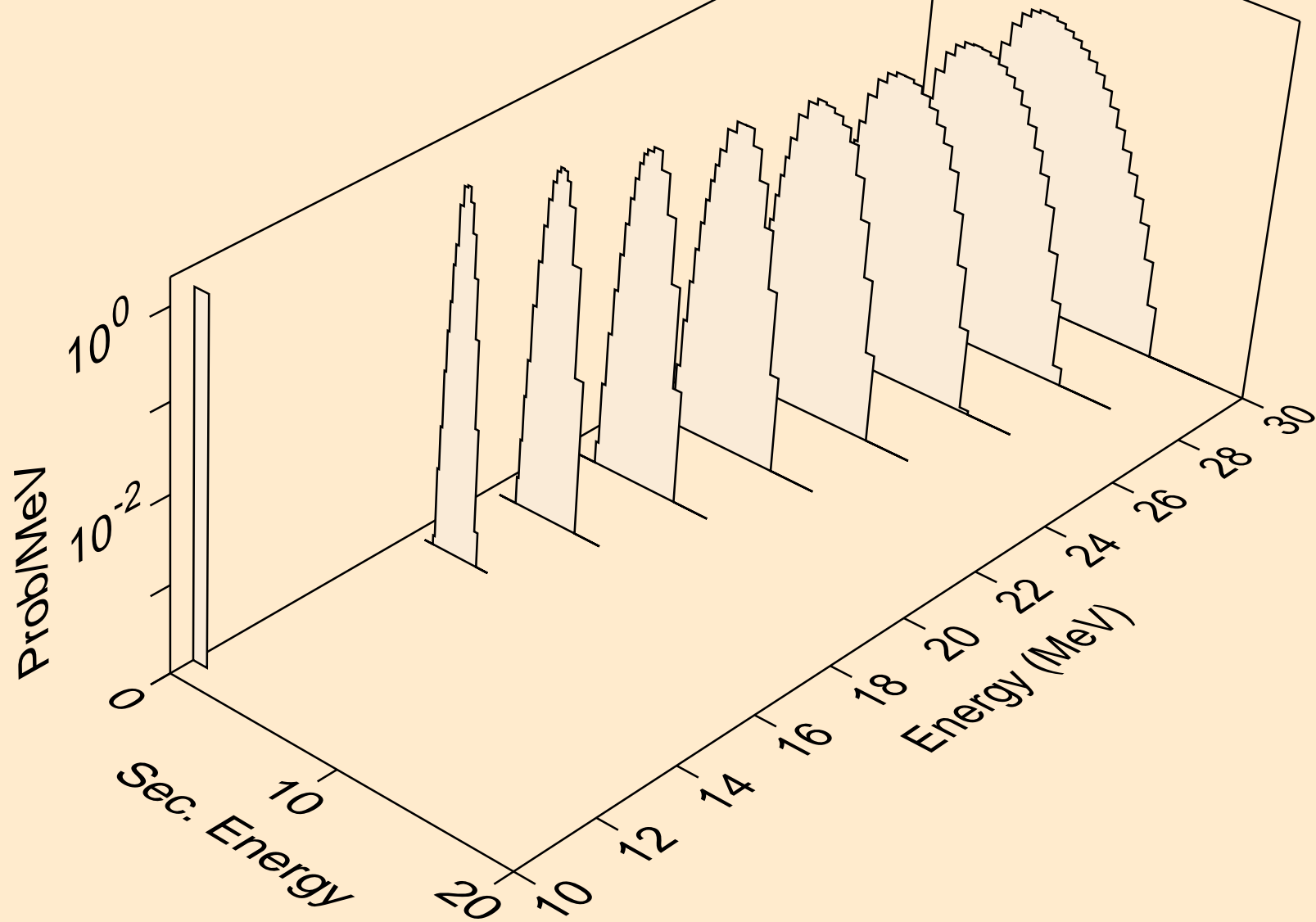
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



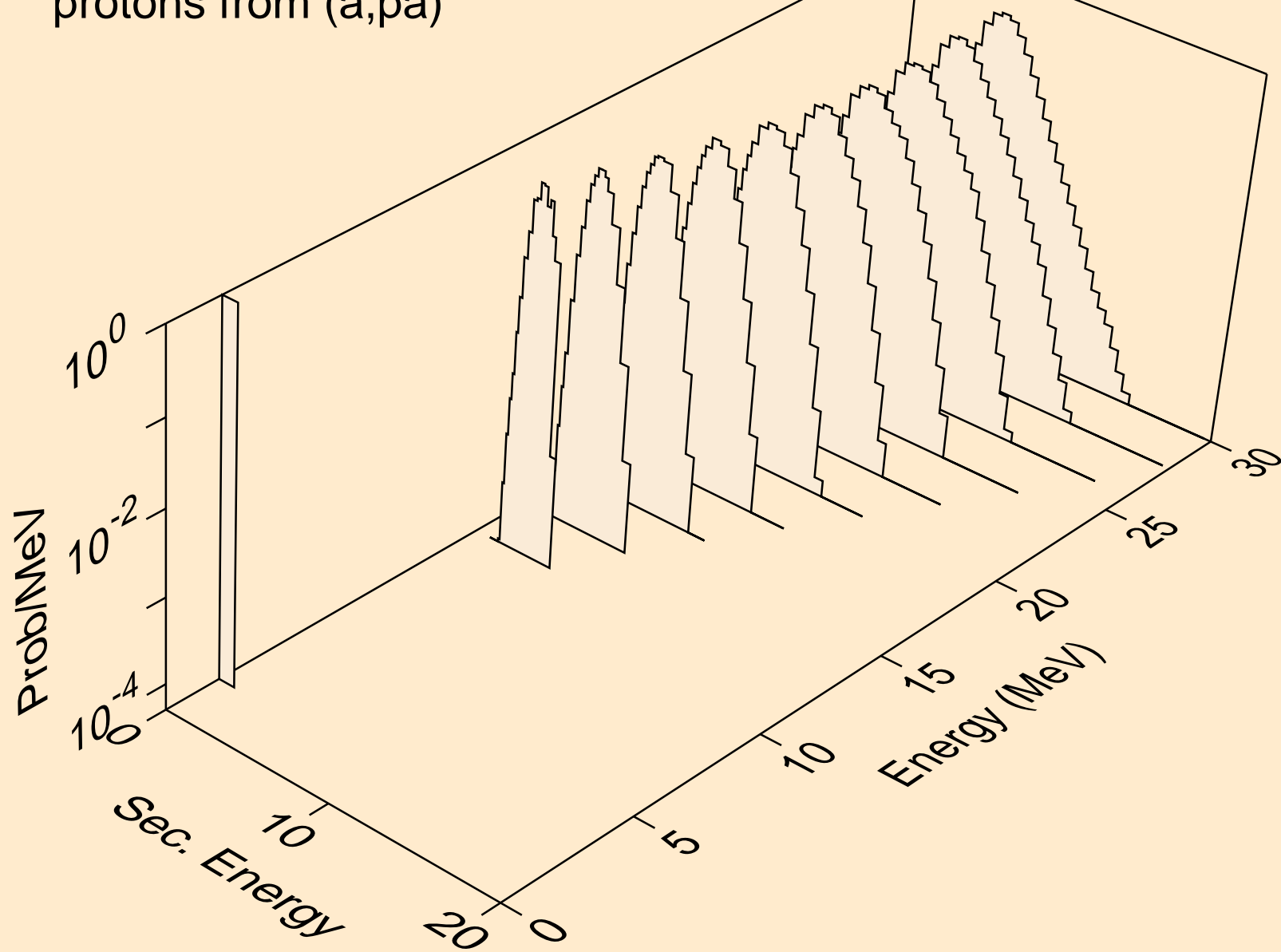
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

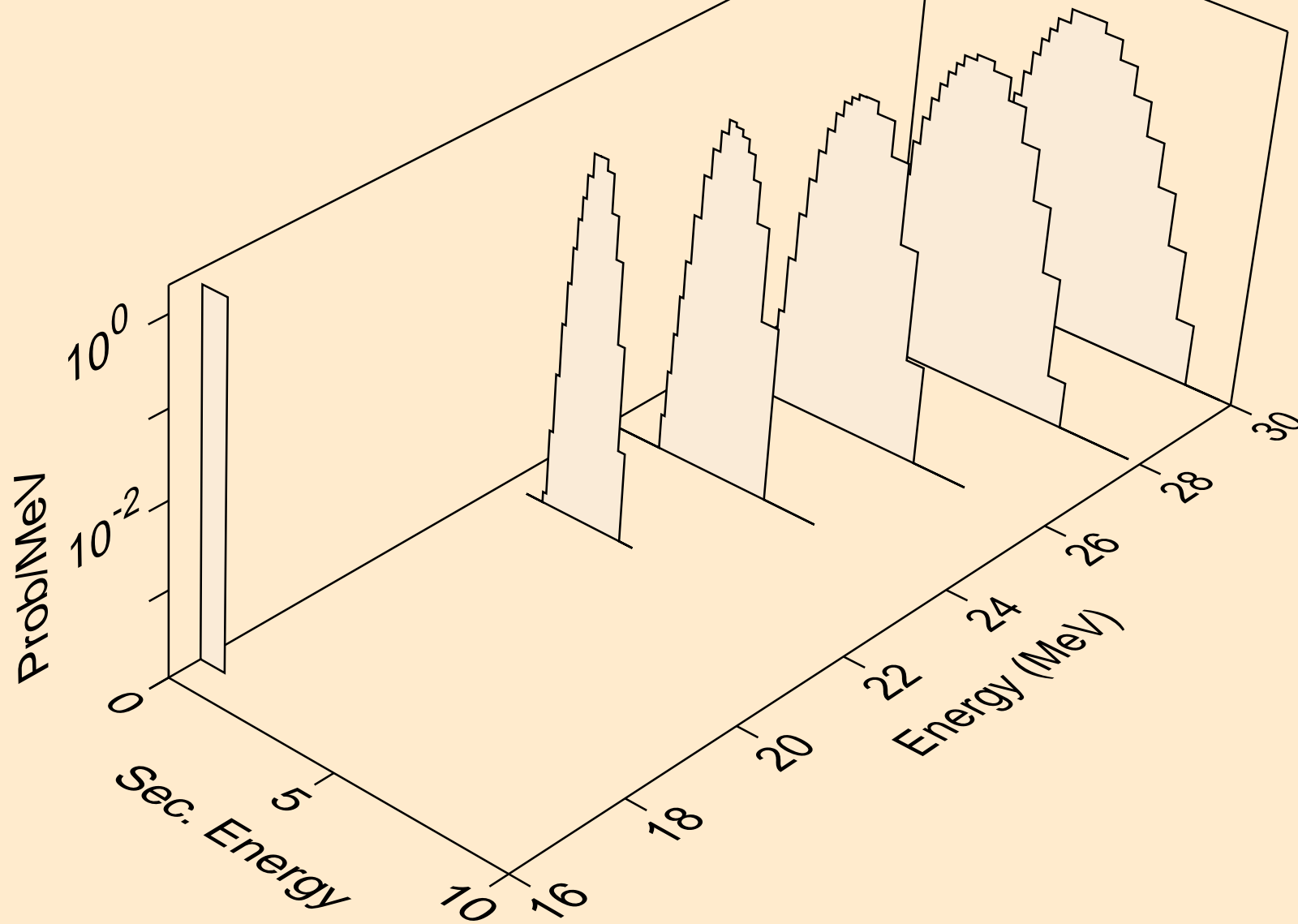


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

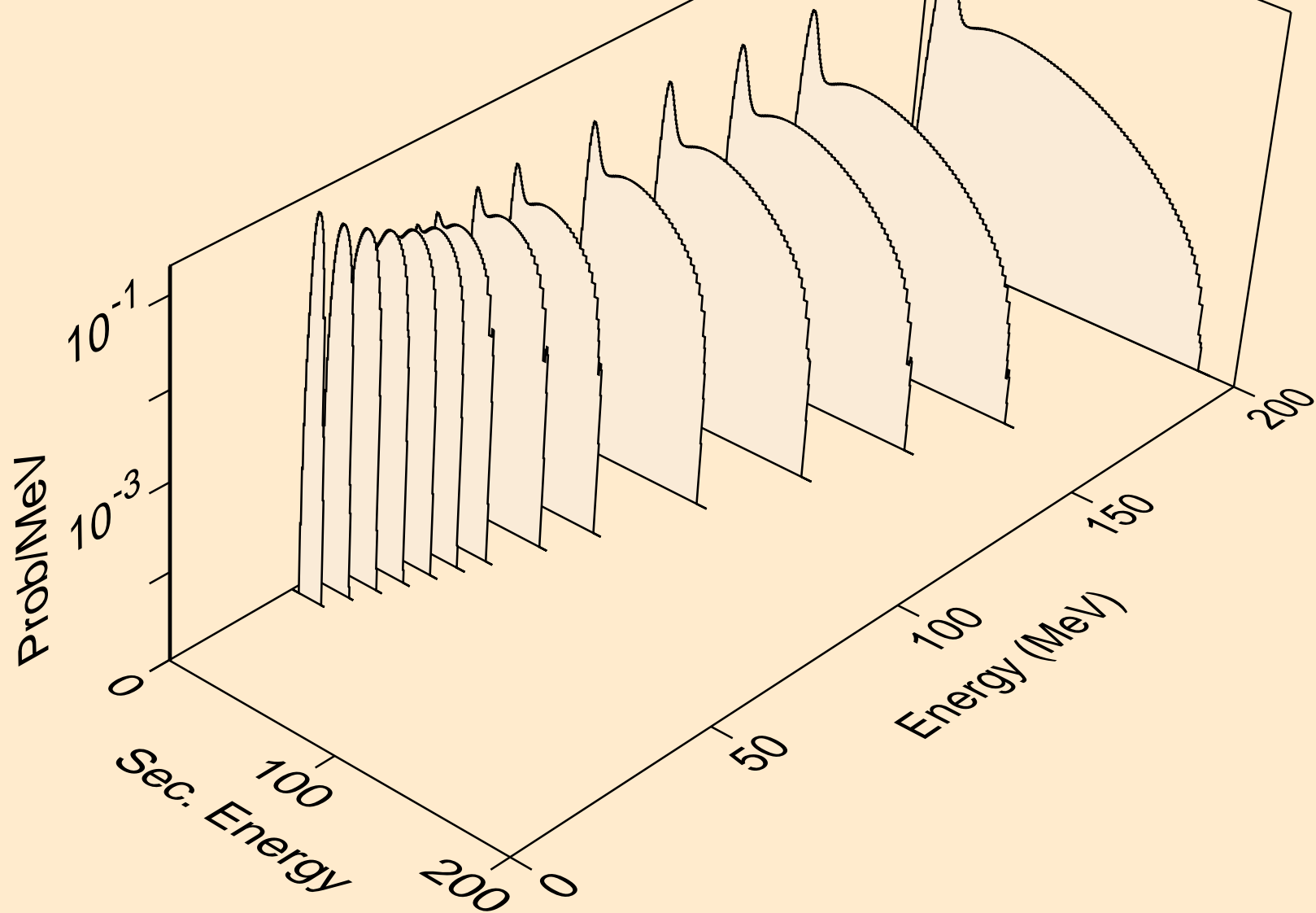




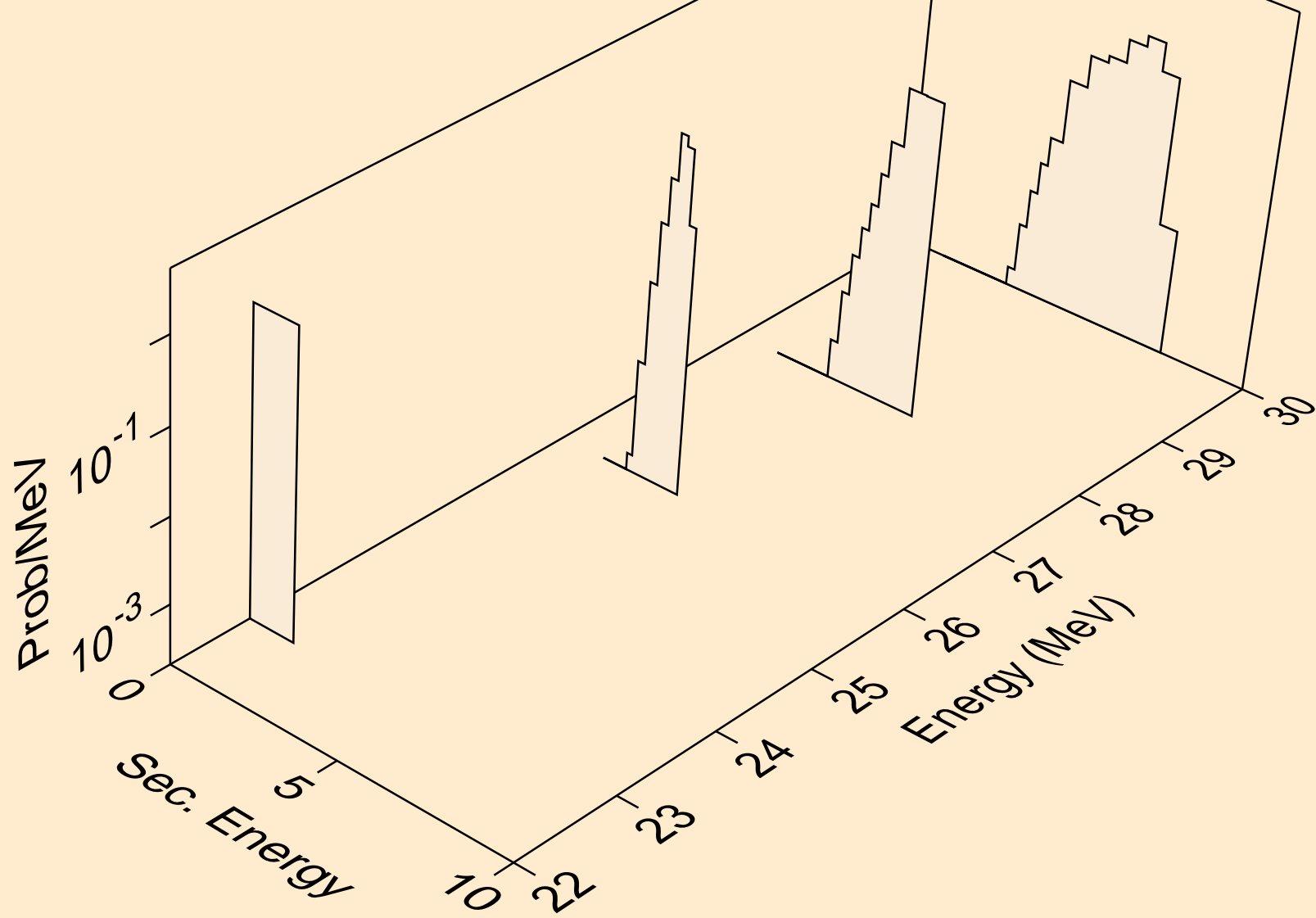
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



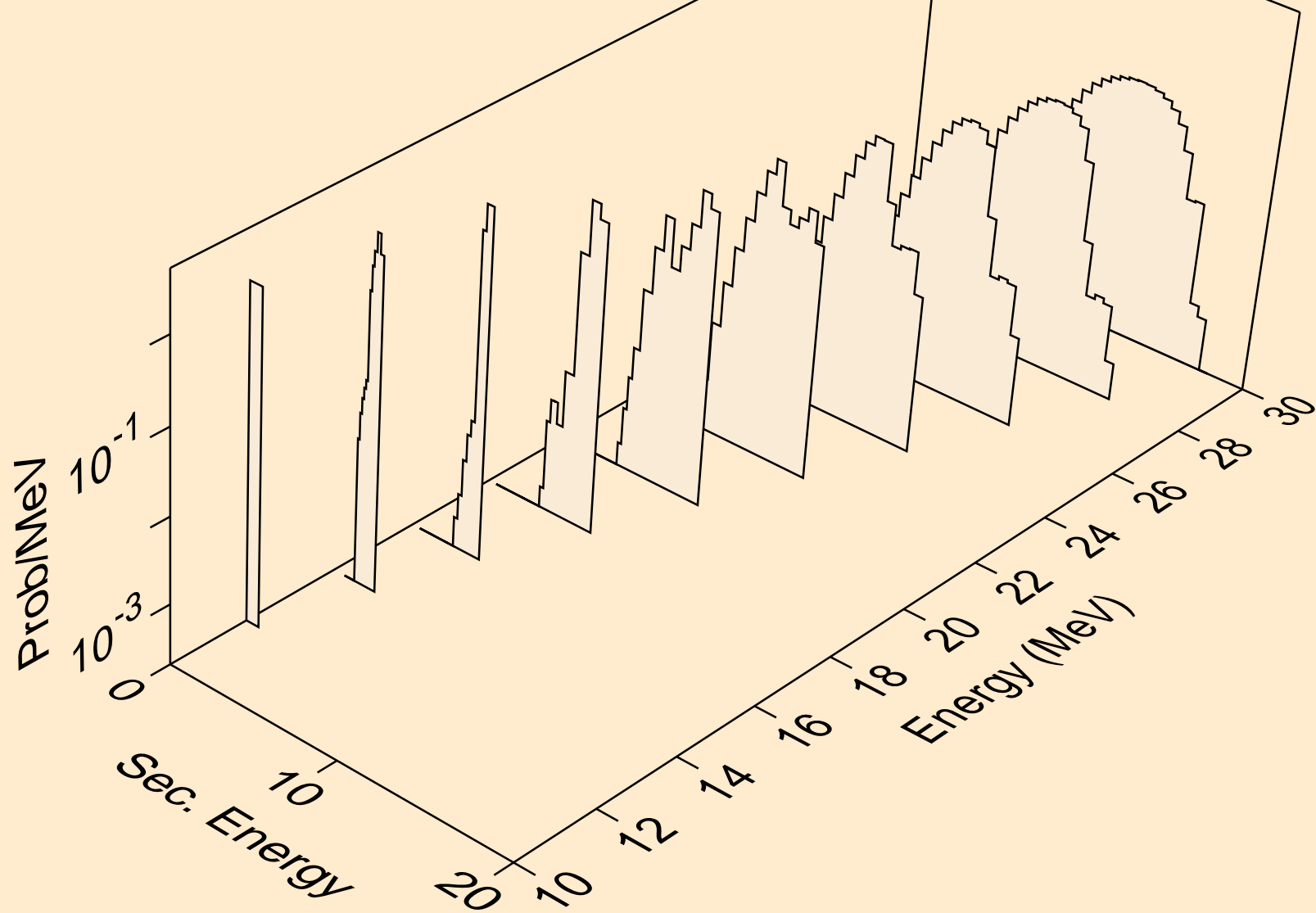
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deuterons from (a,x)



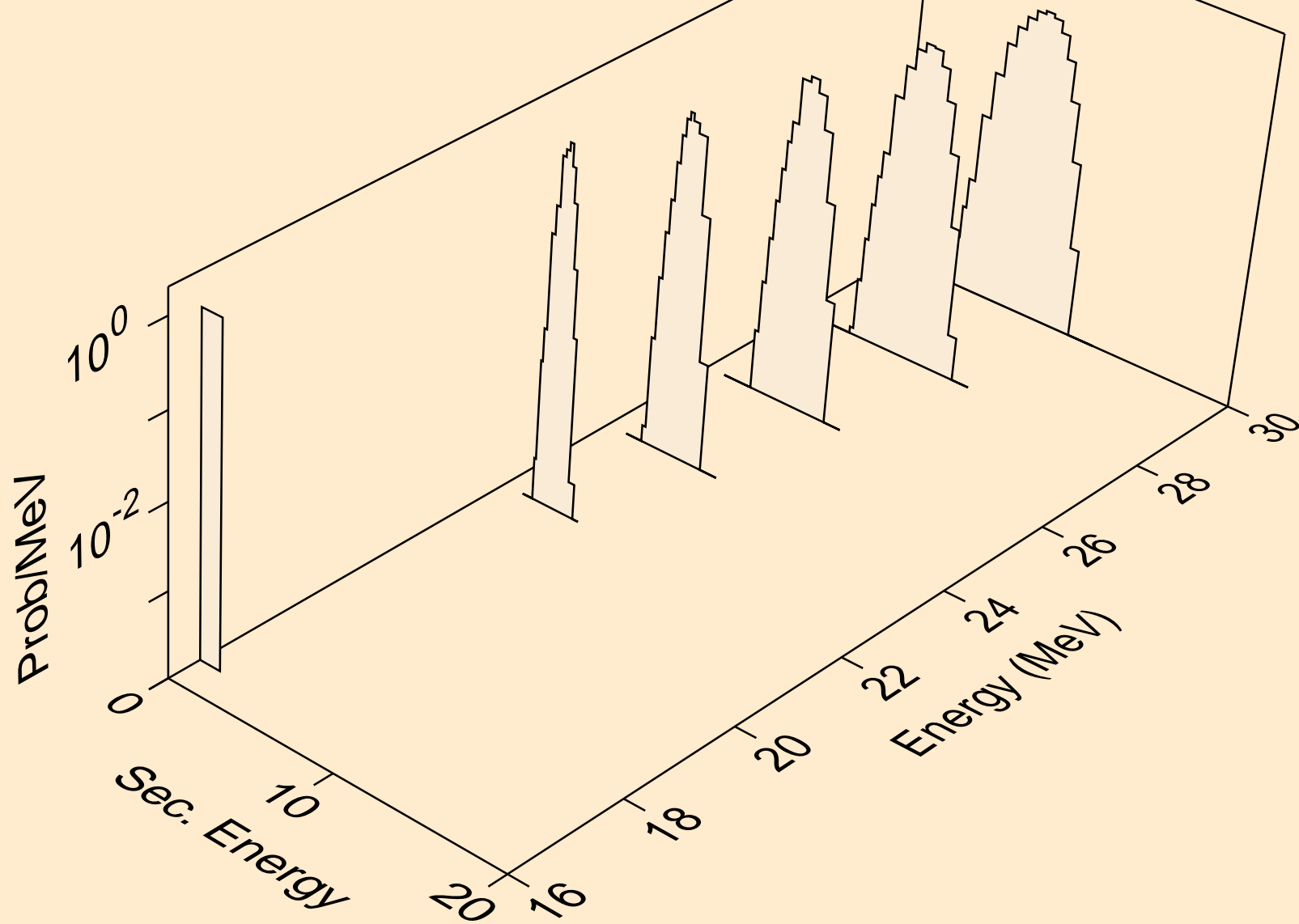
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



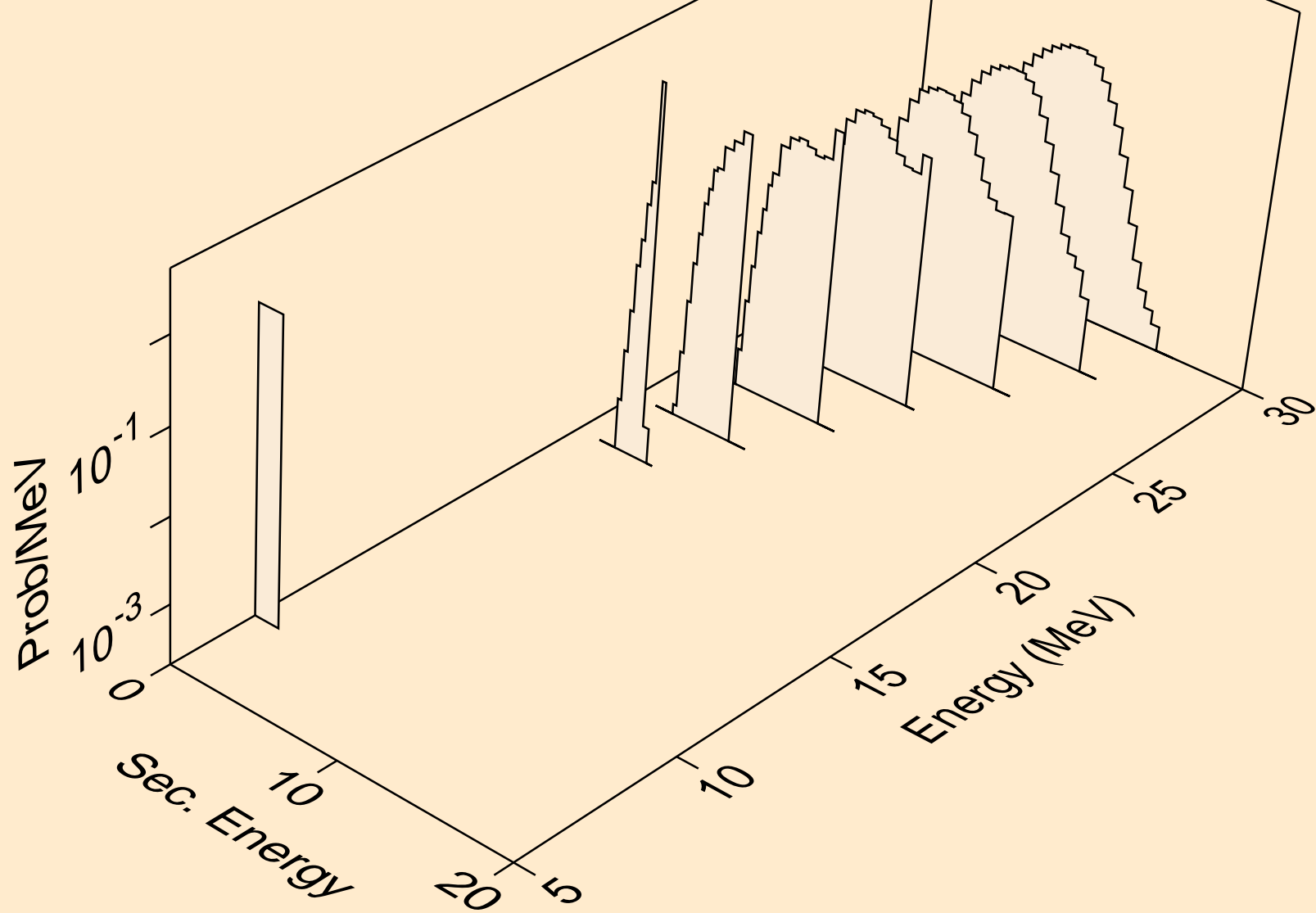
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



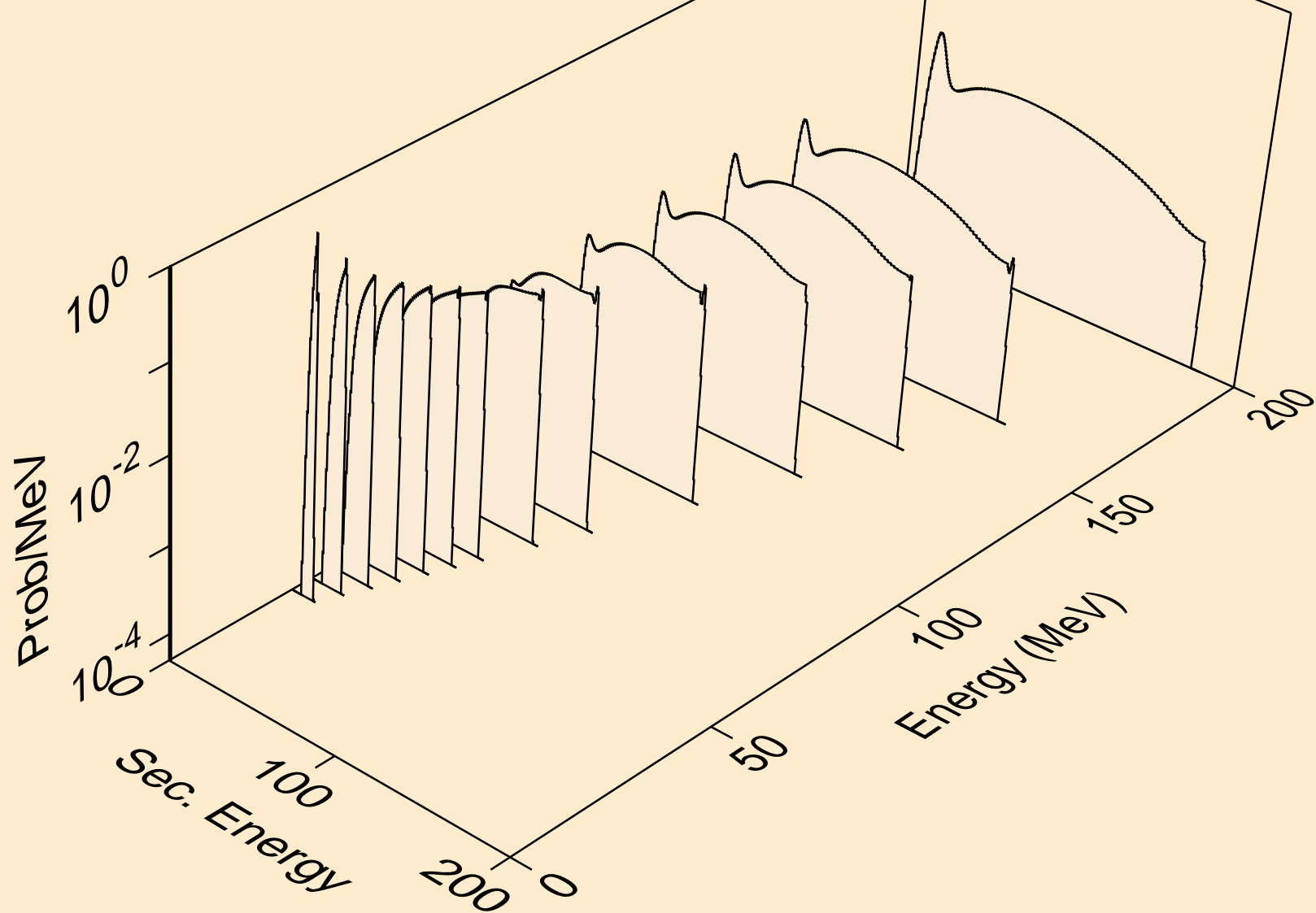
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



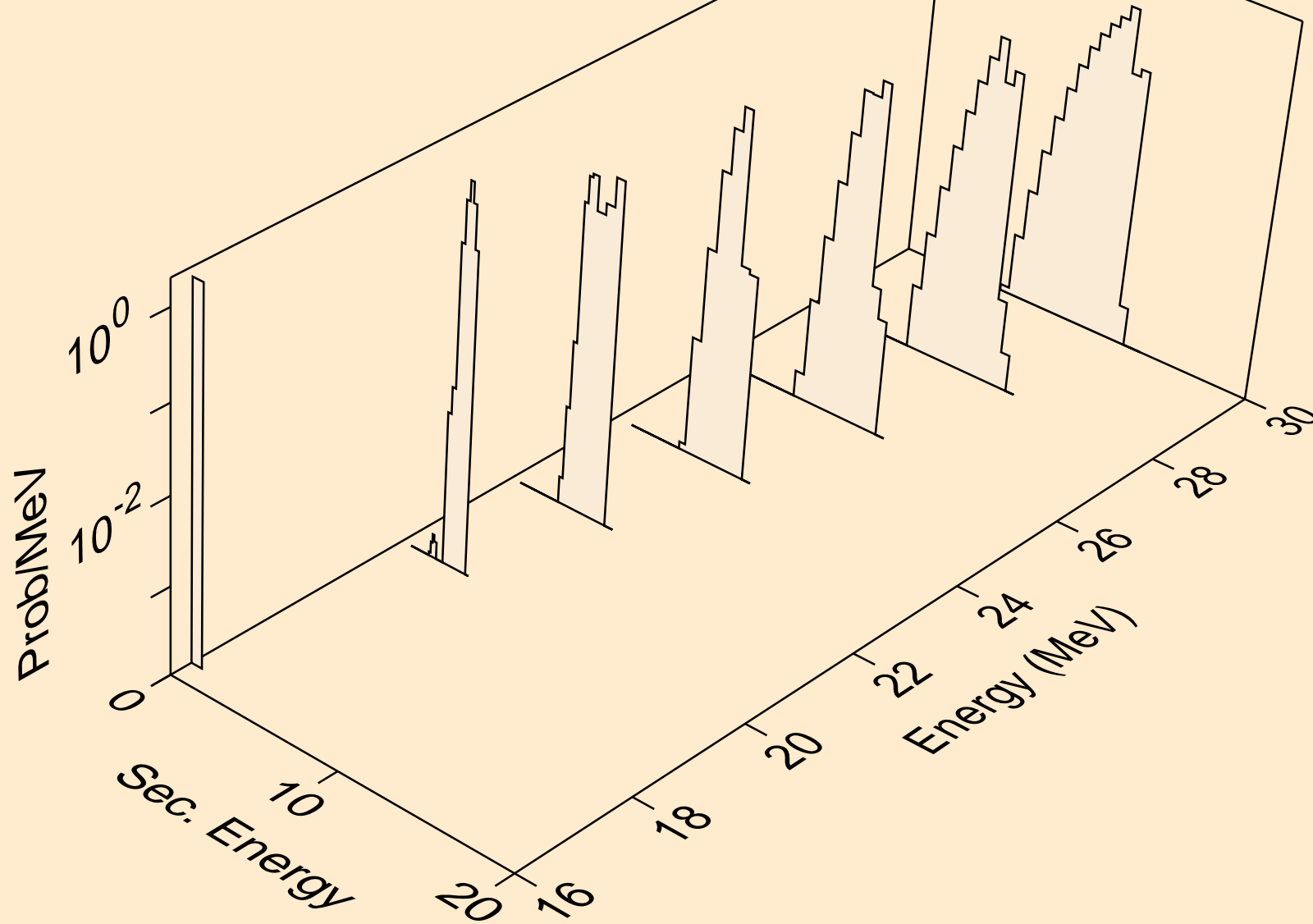
TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

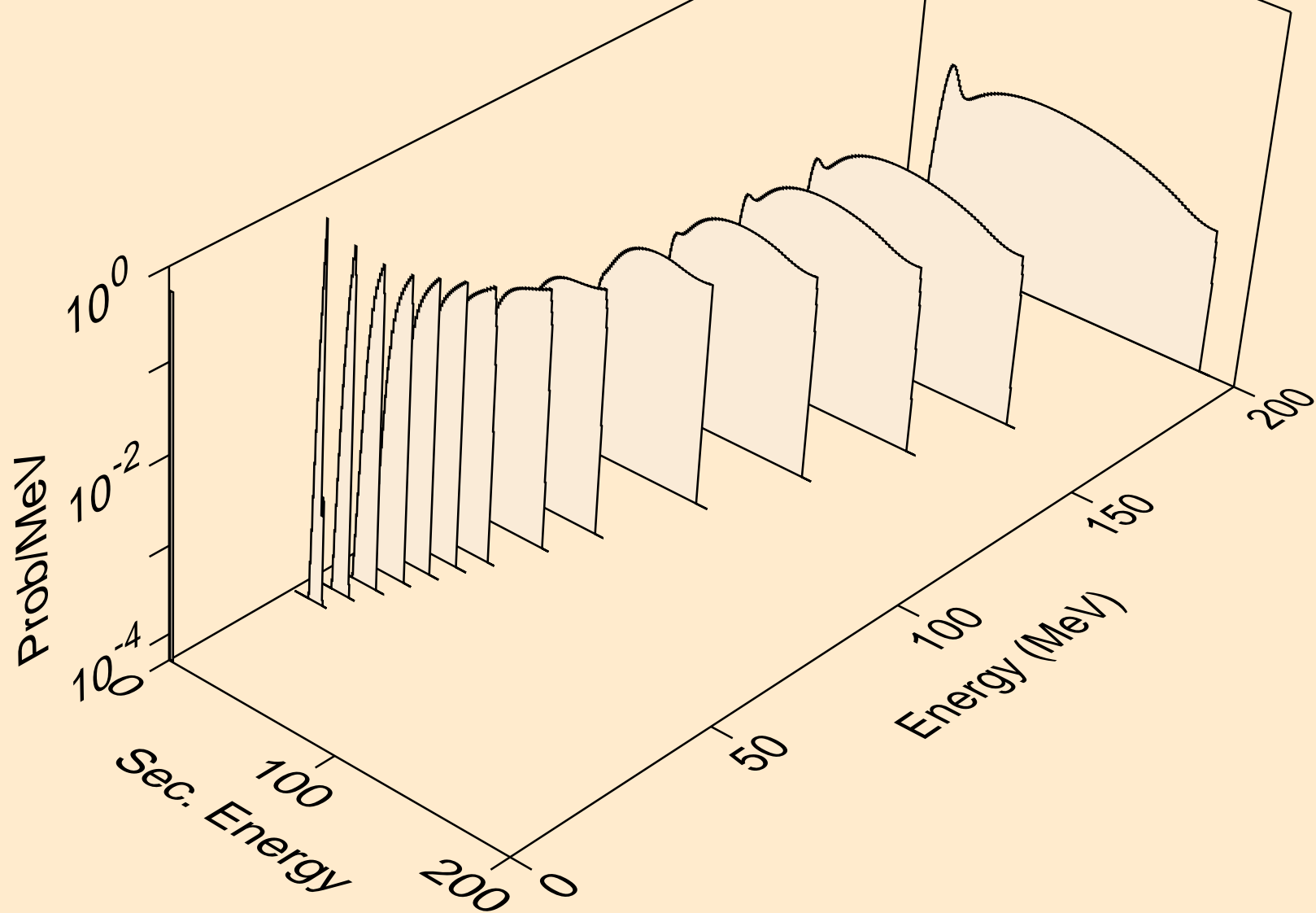


TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)





TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



TM156 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

