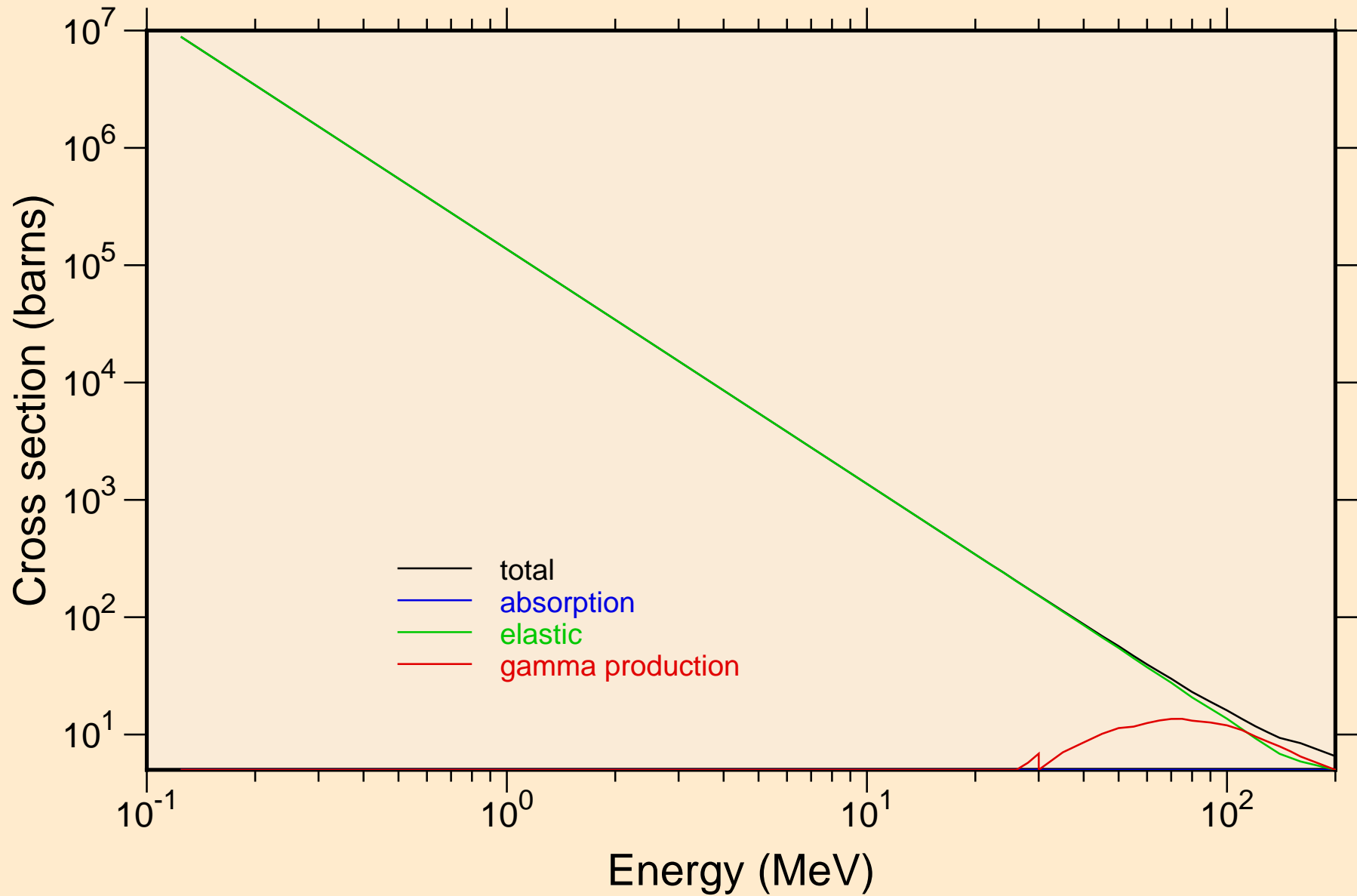


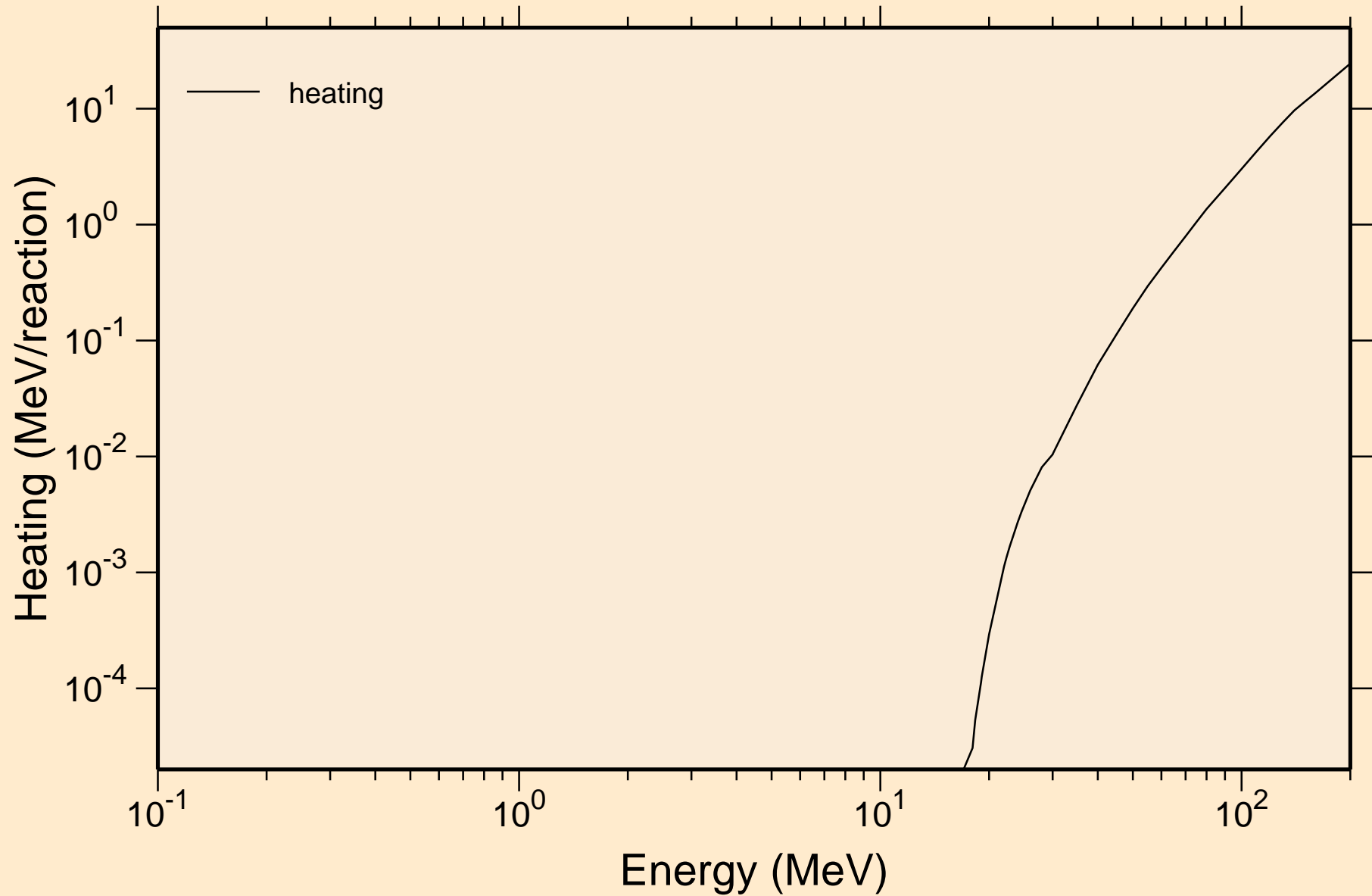
# TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



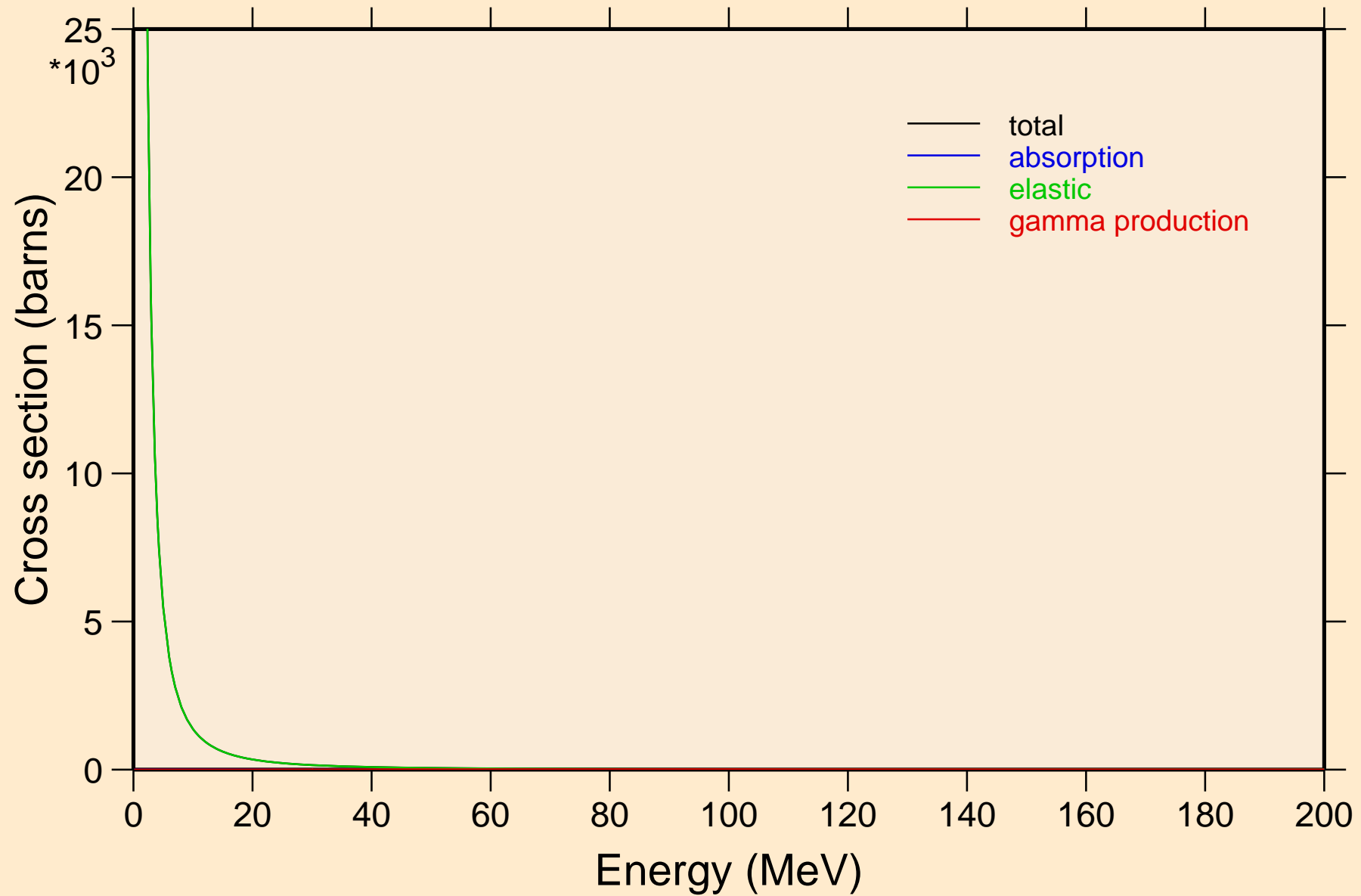
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



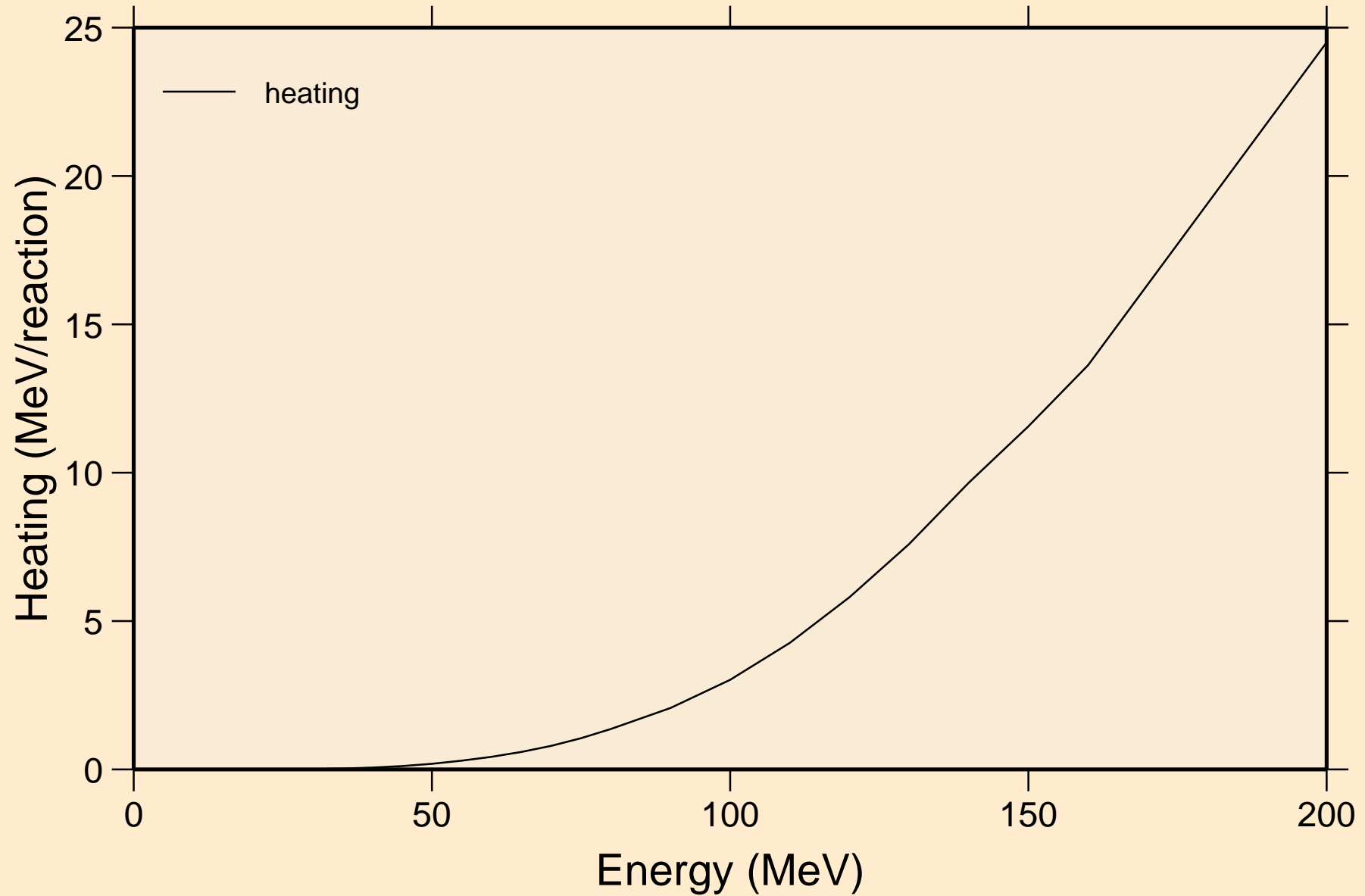
# TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

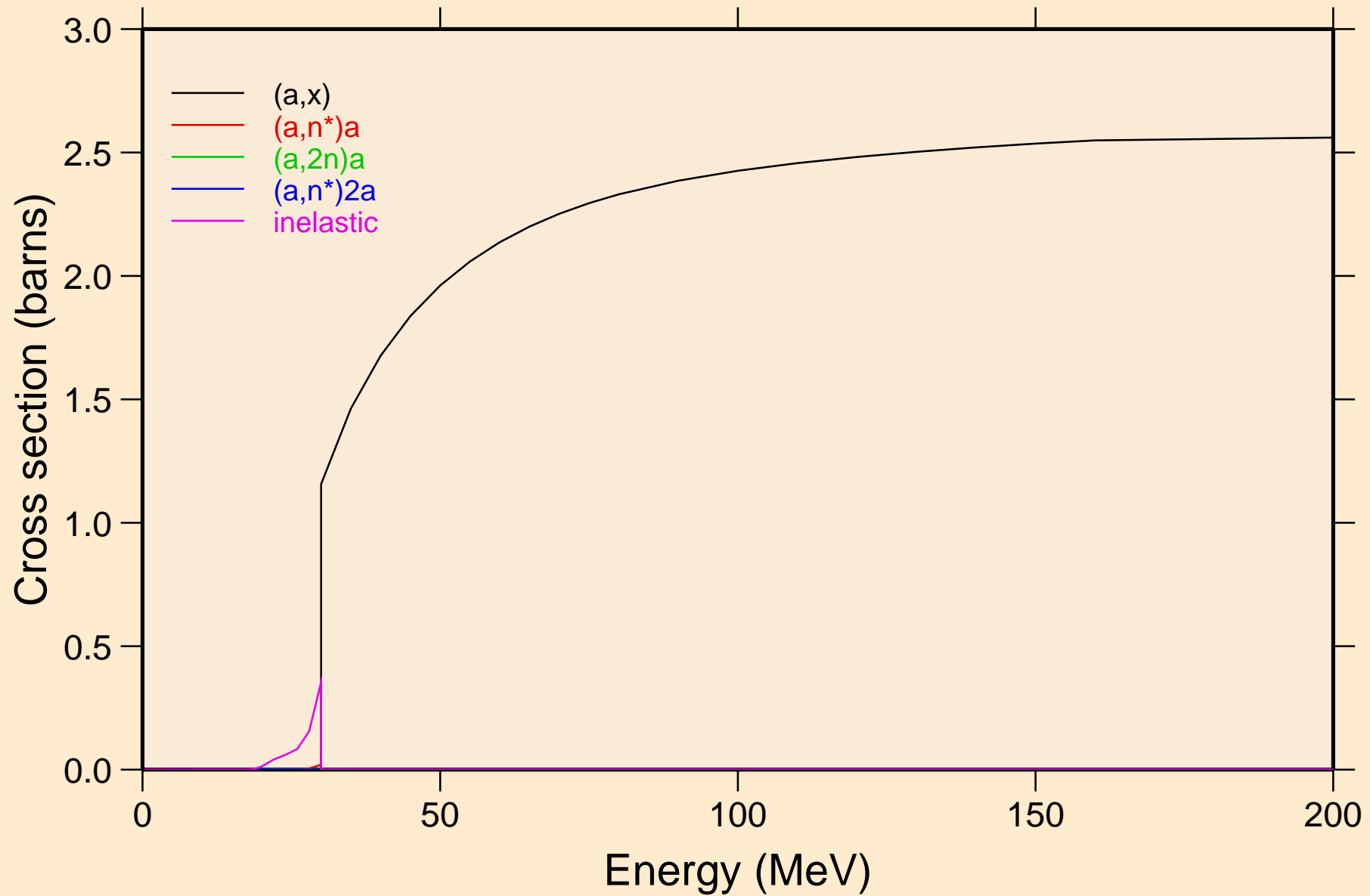


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

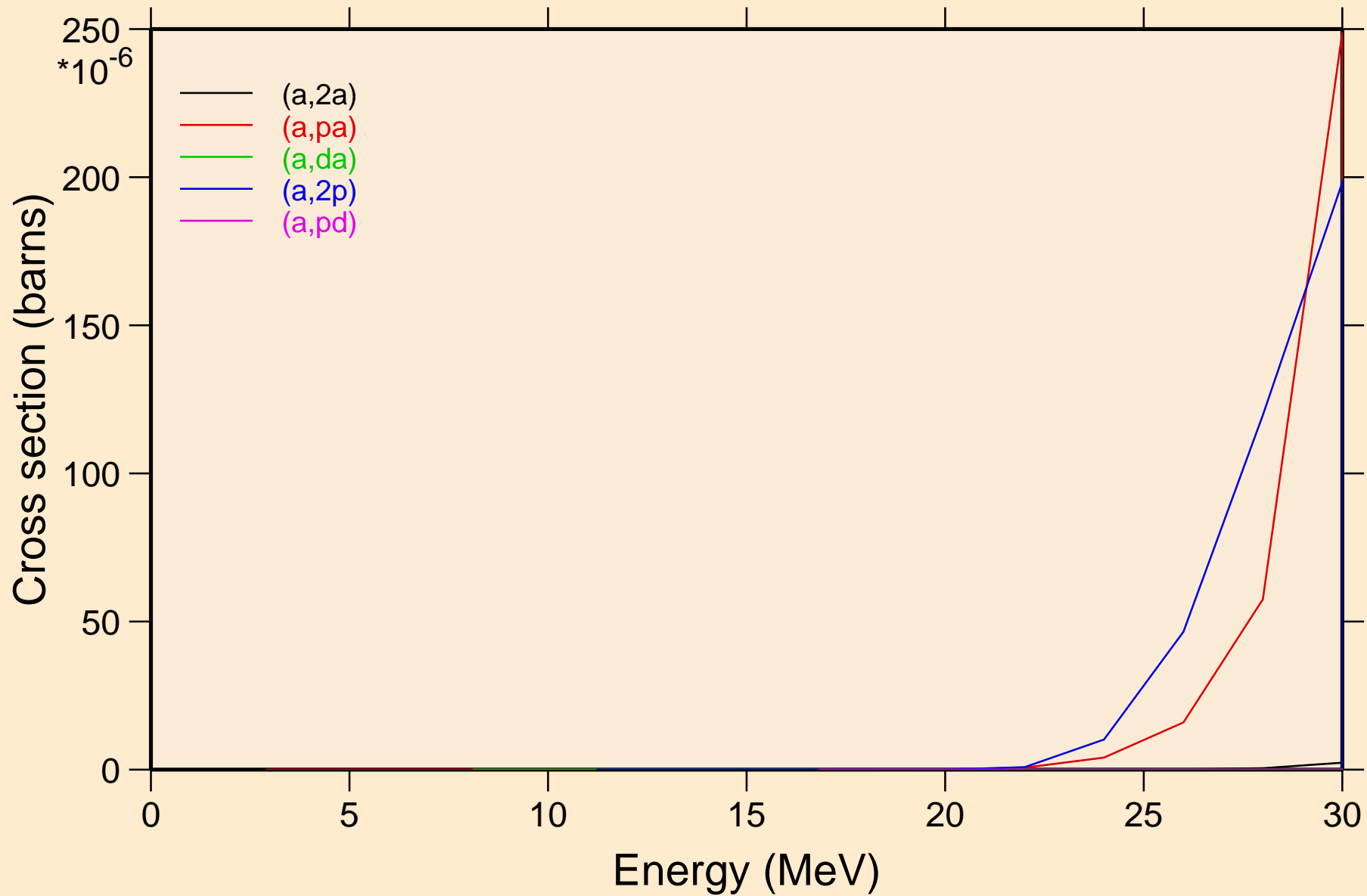
Heating



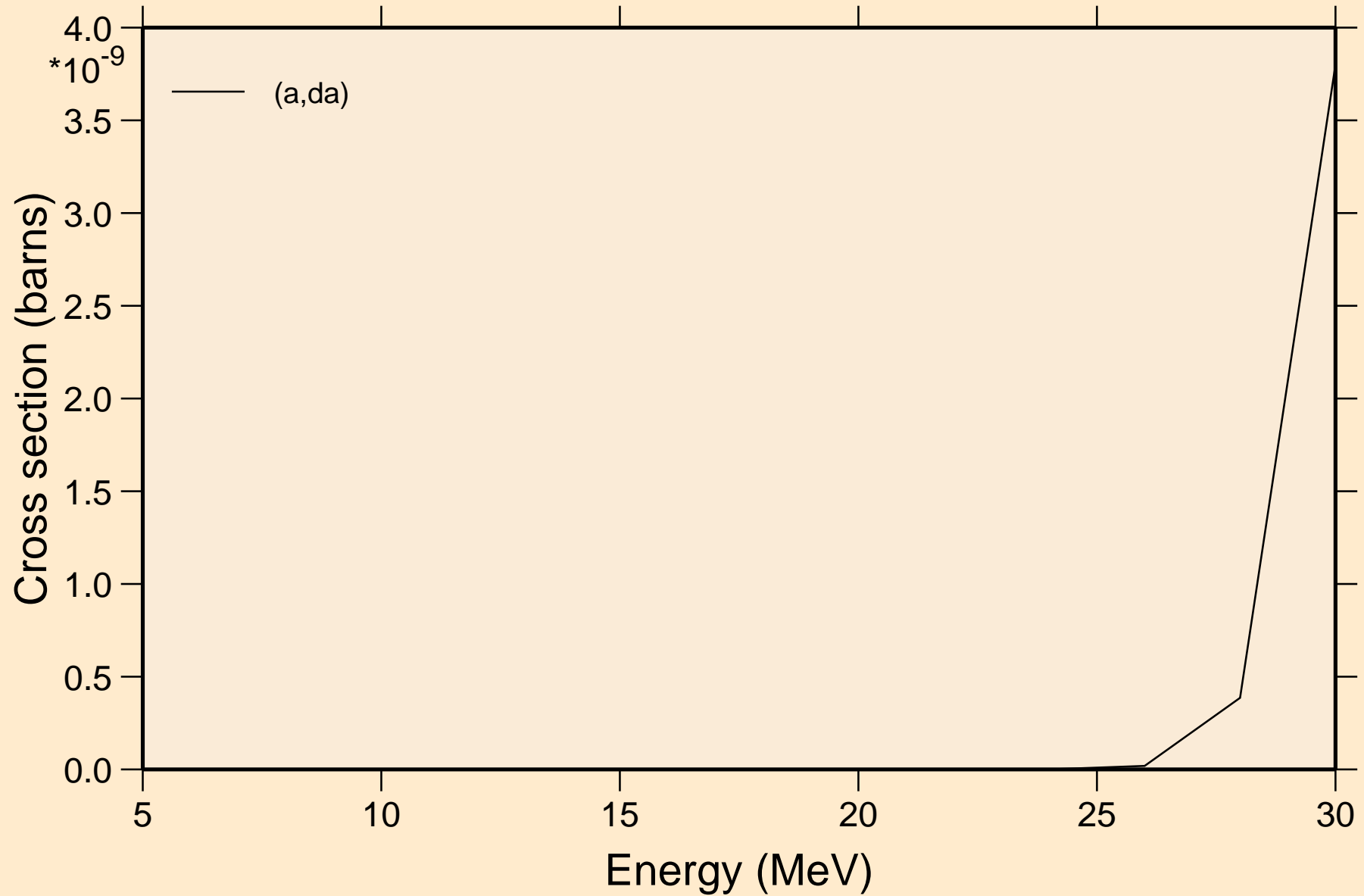
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



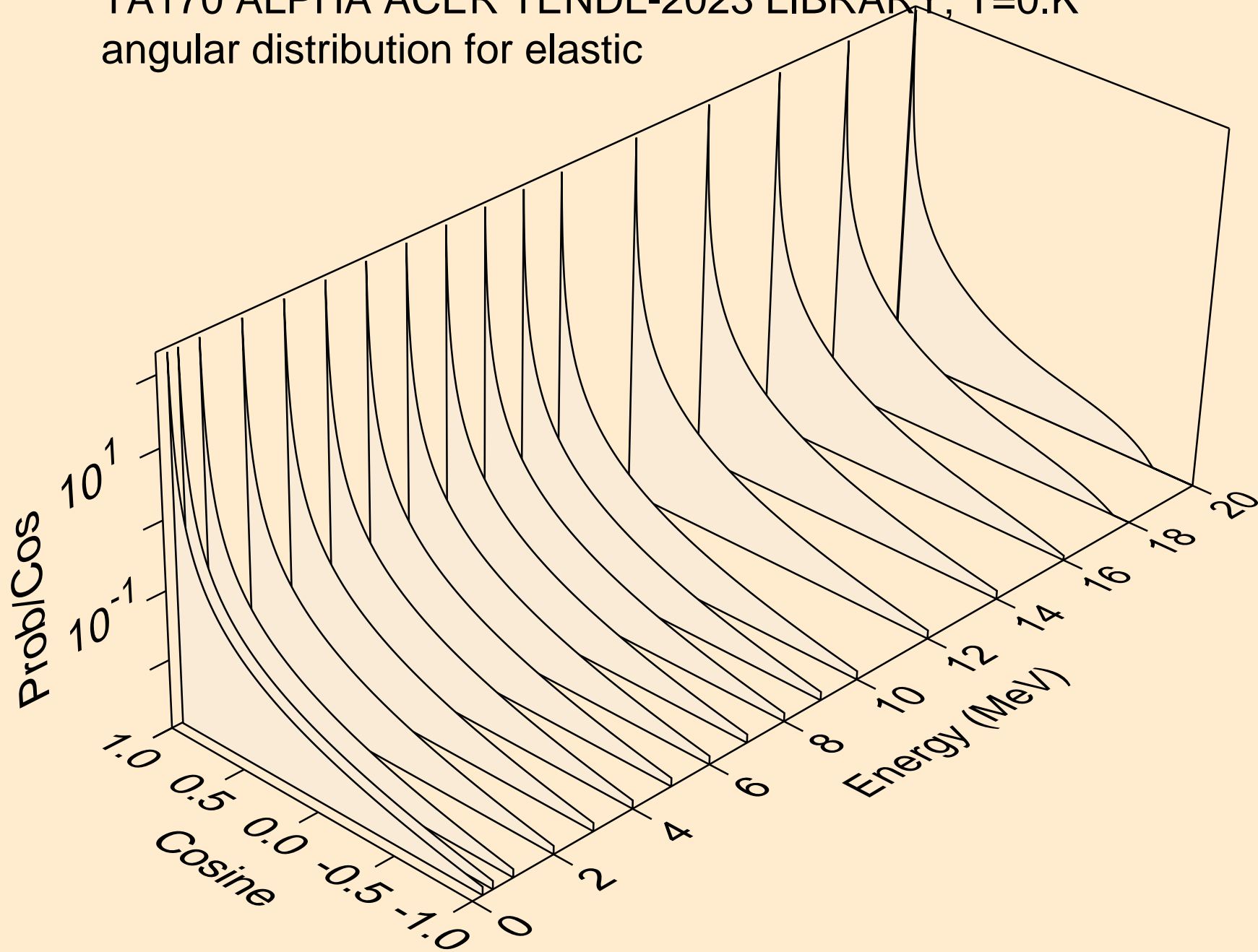
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

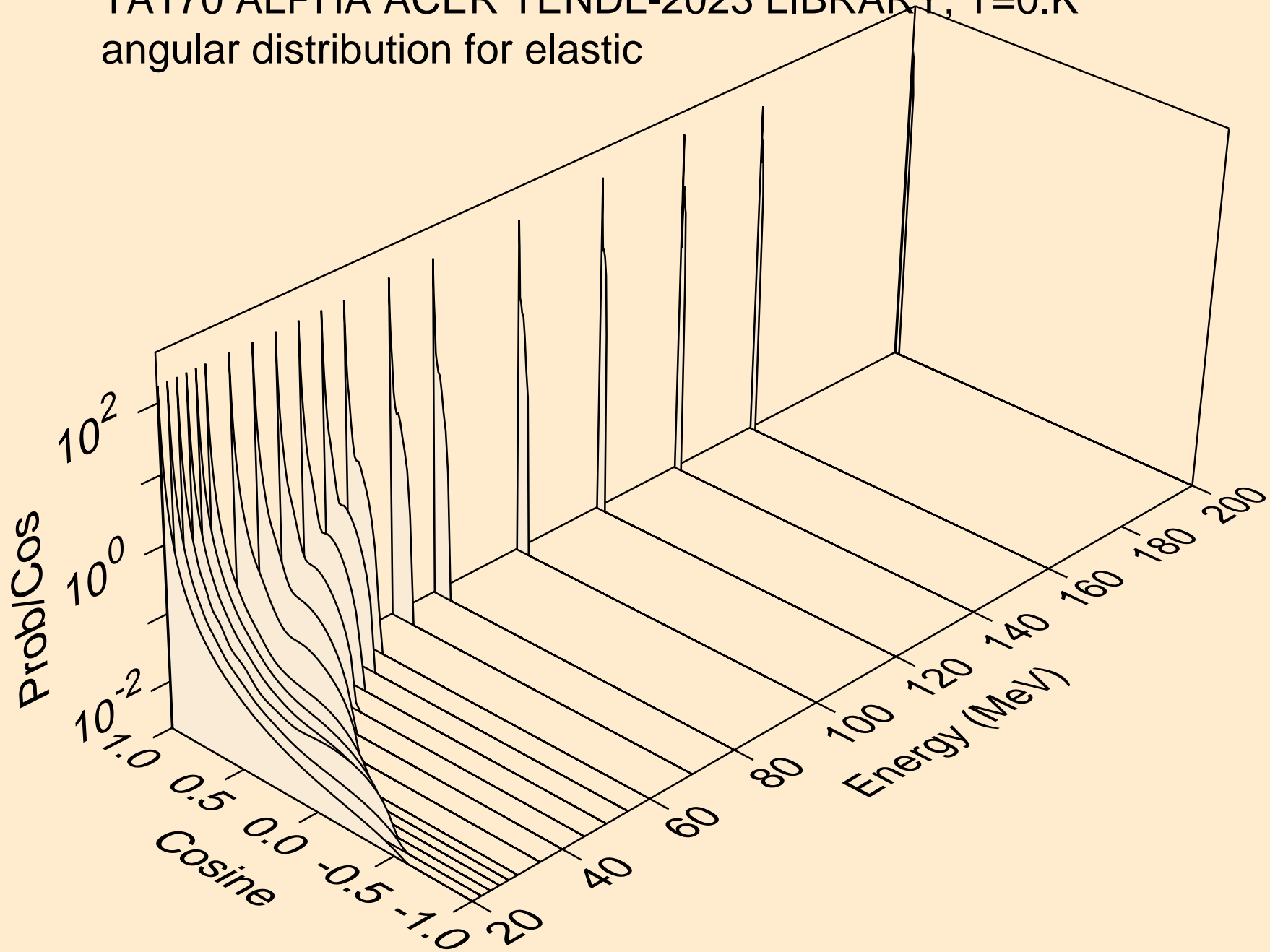


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

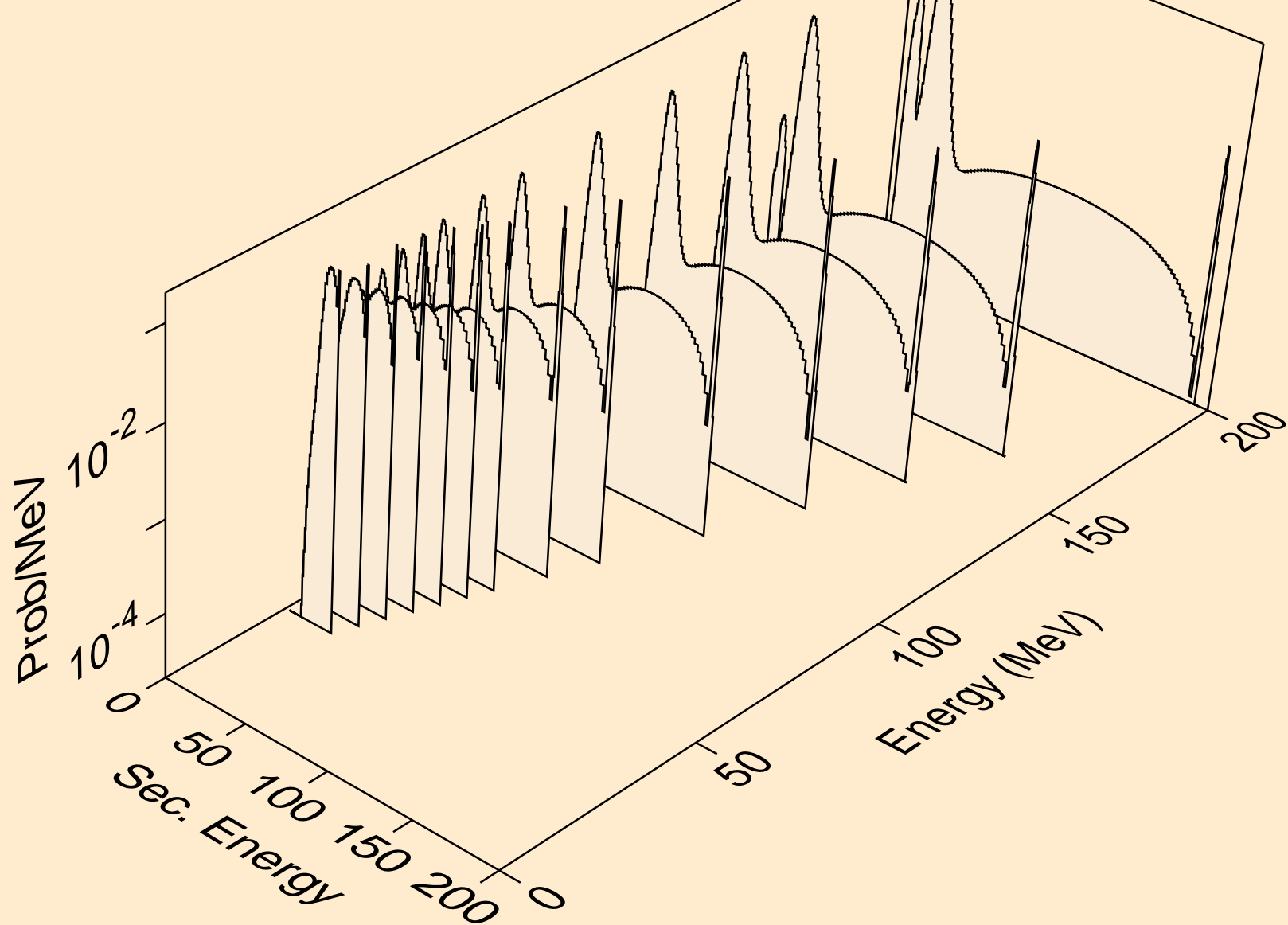




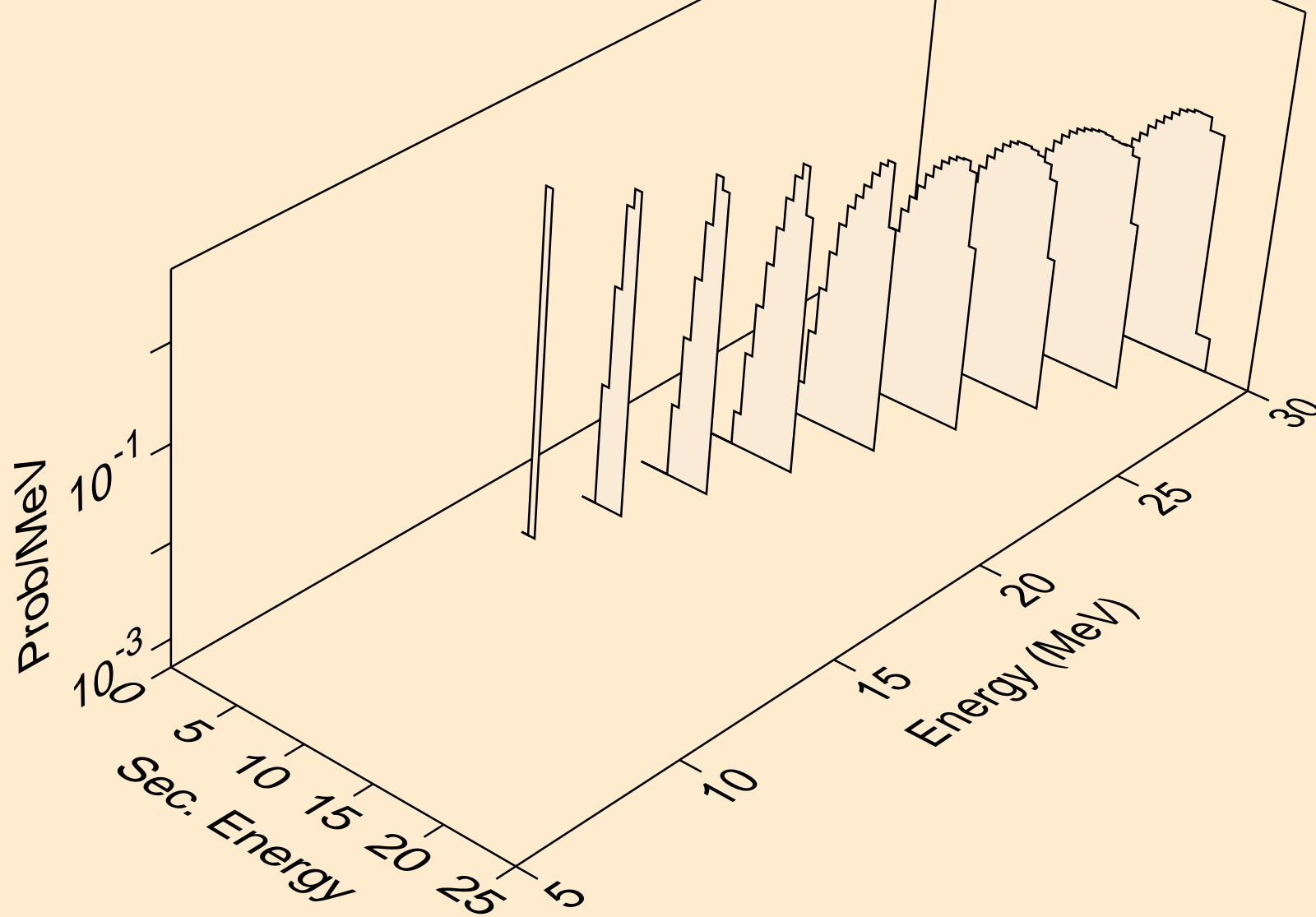
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



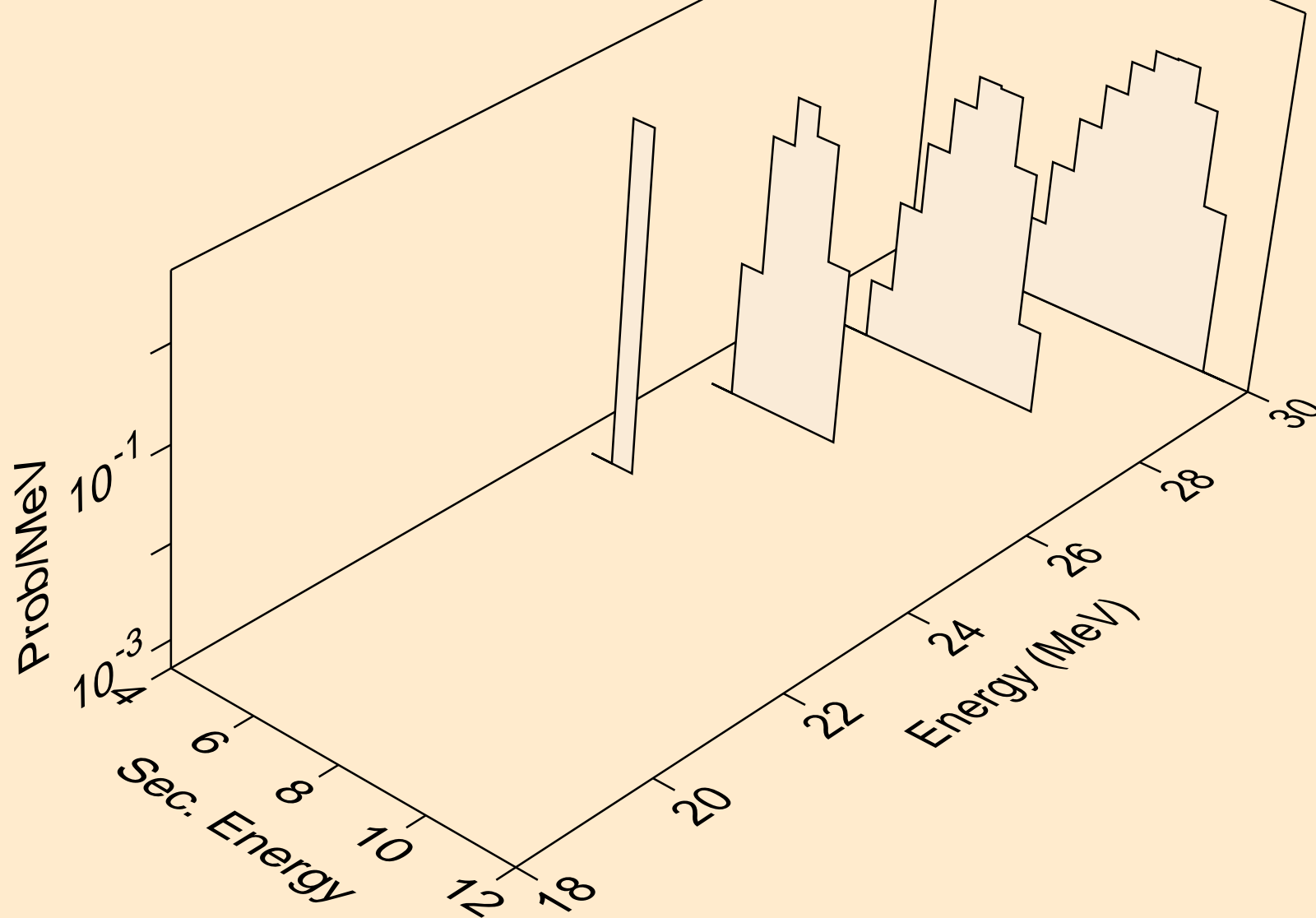
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



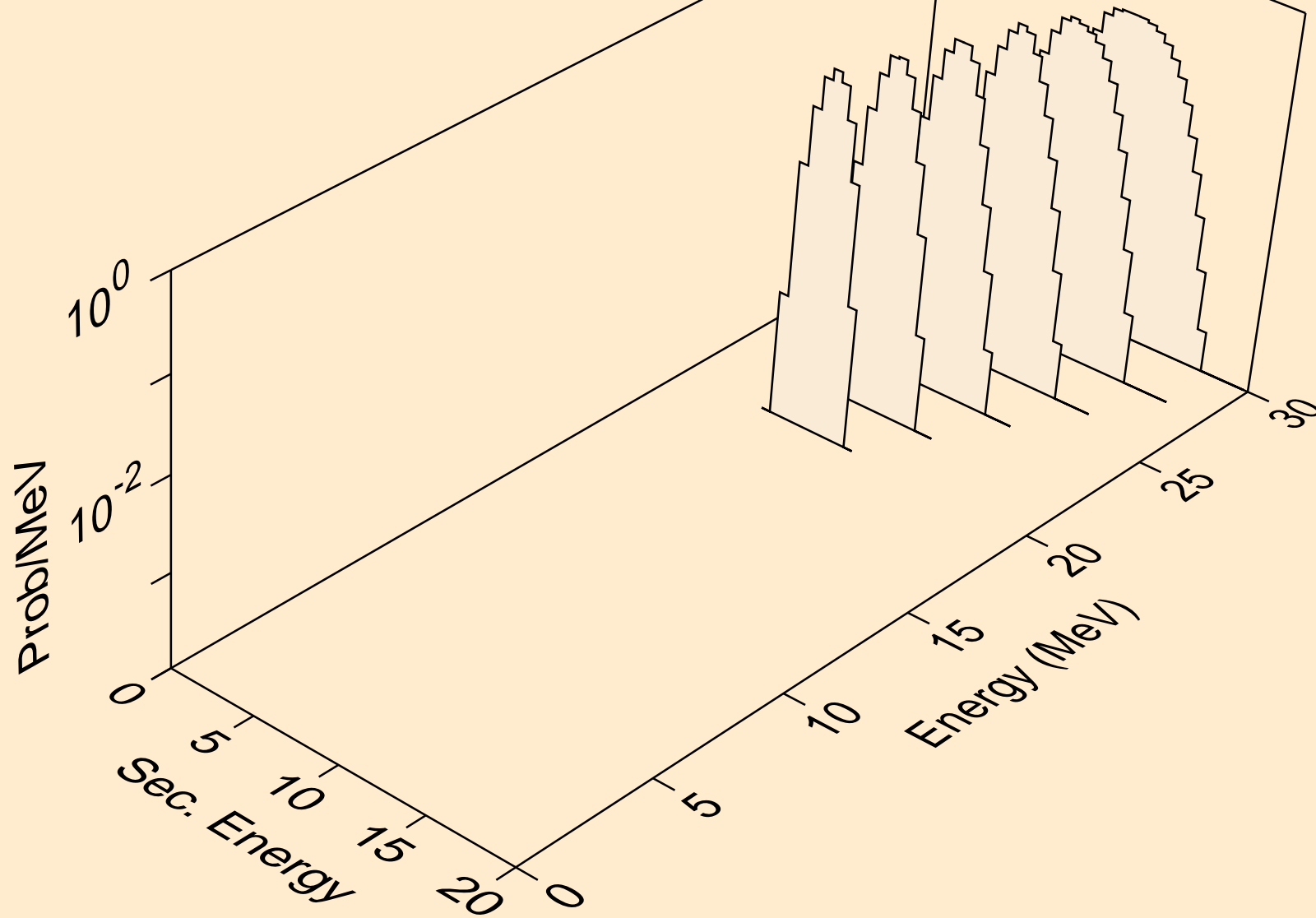
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



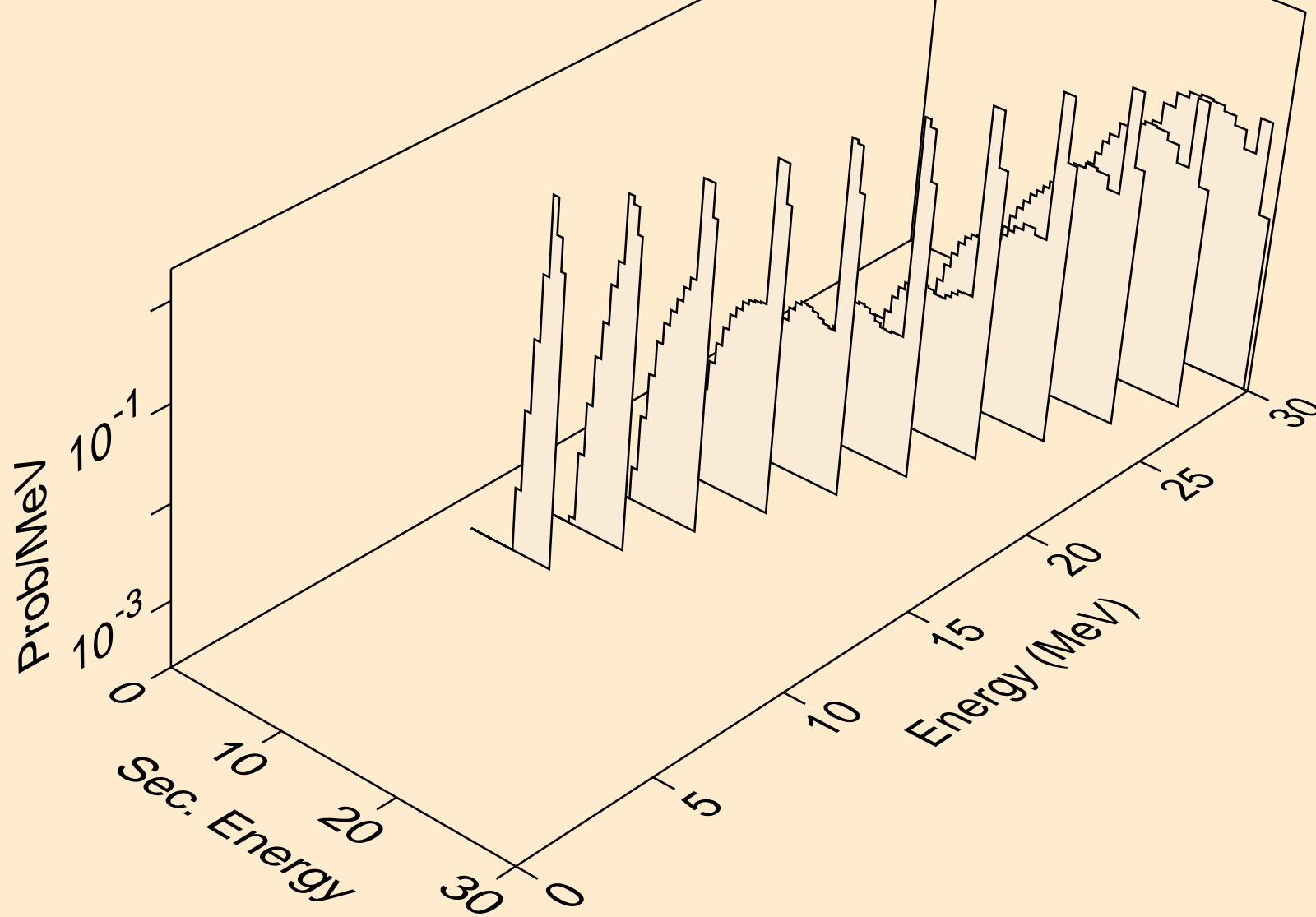
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



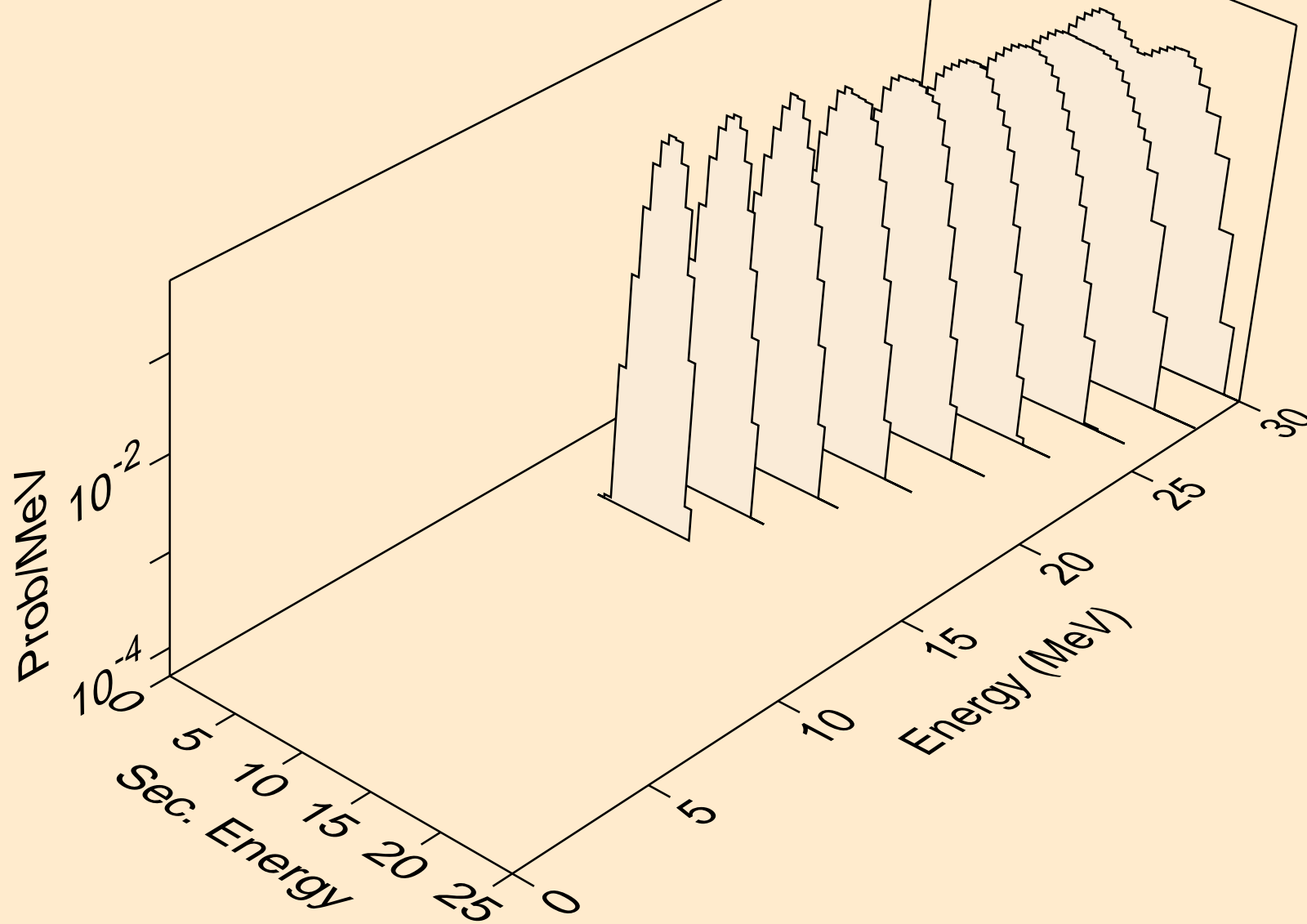
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



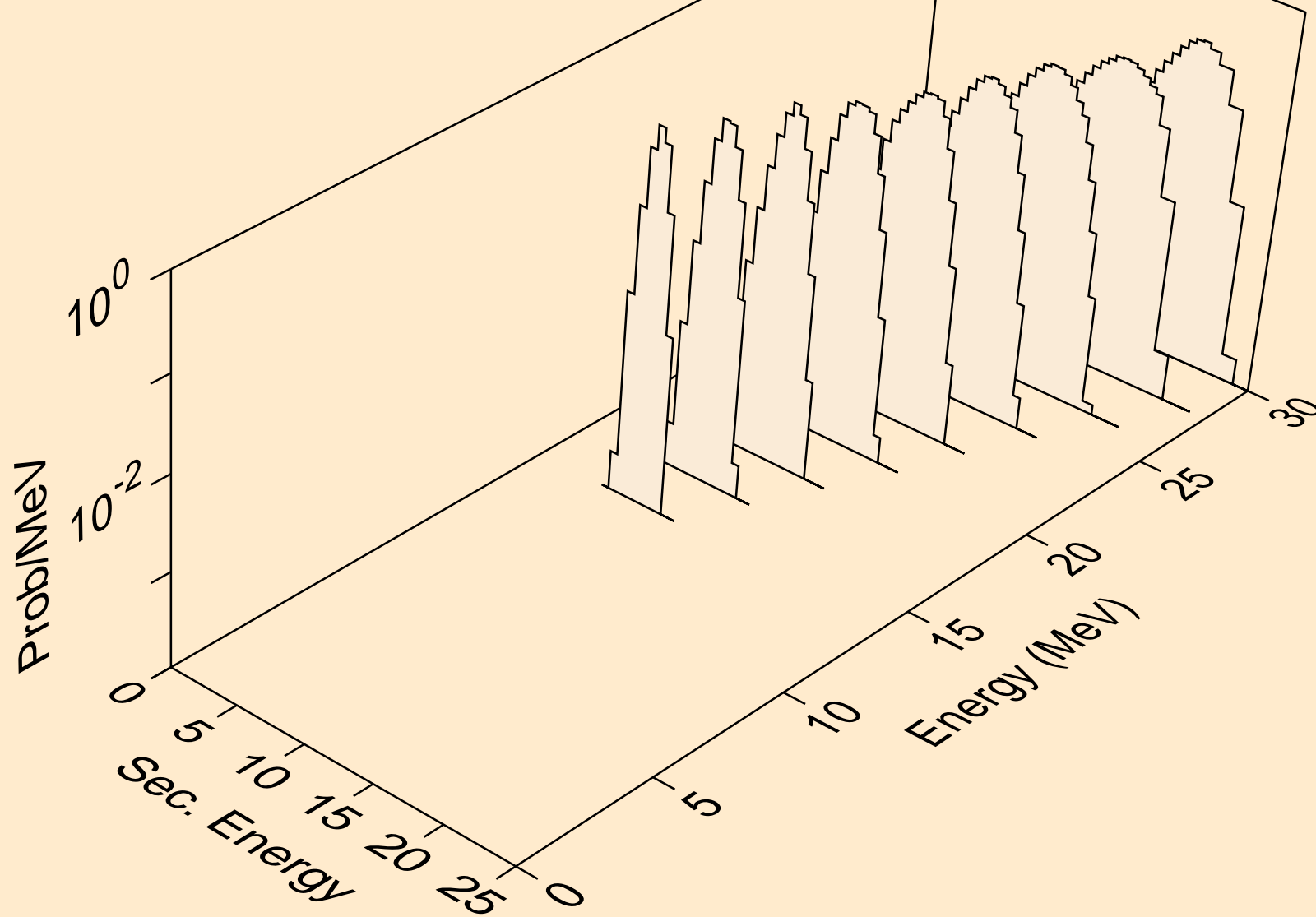
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

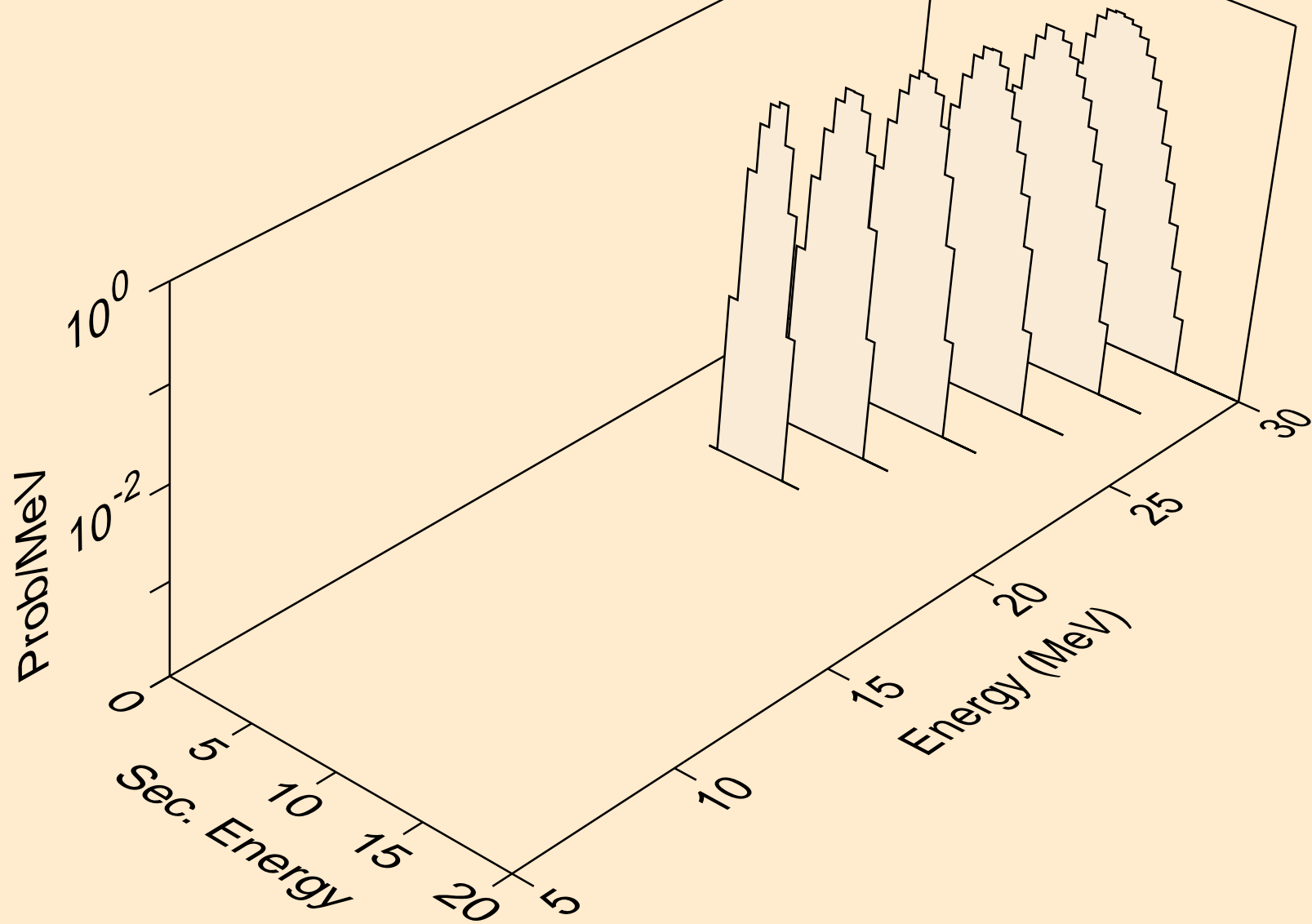


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

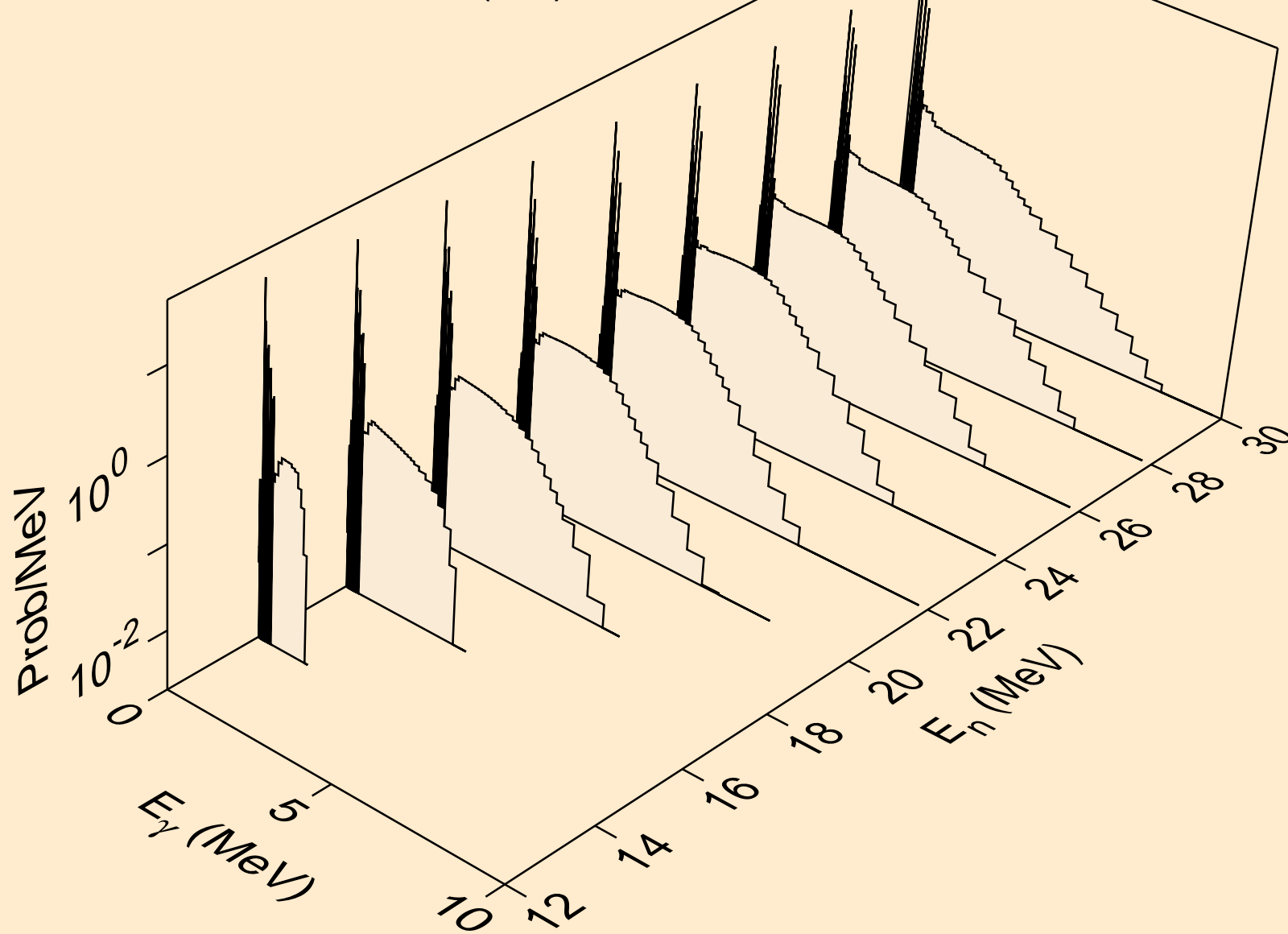




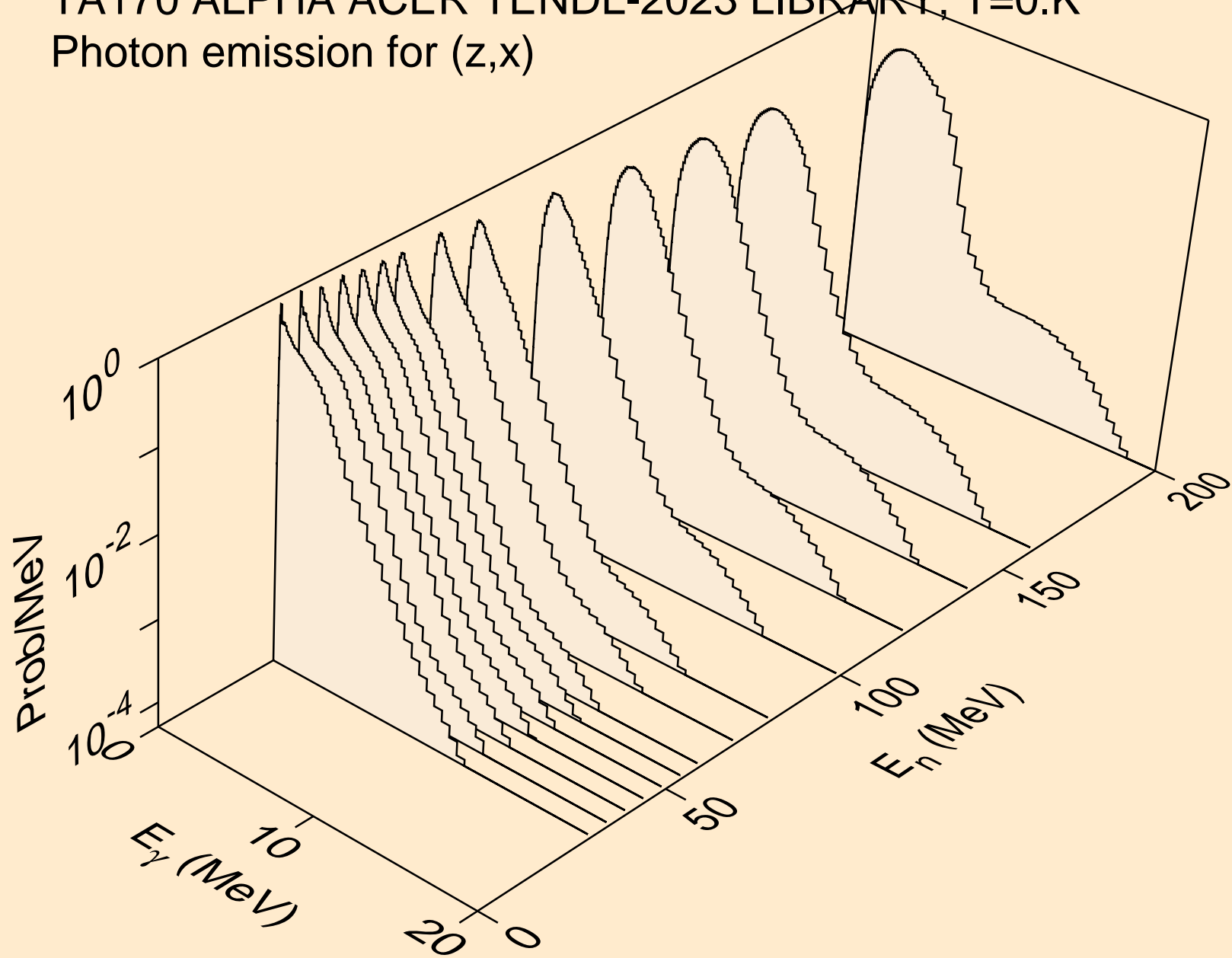
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



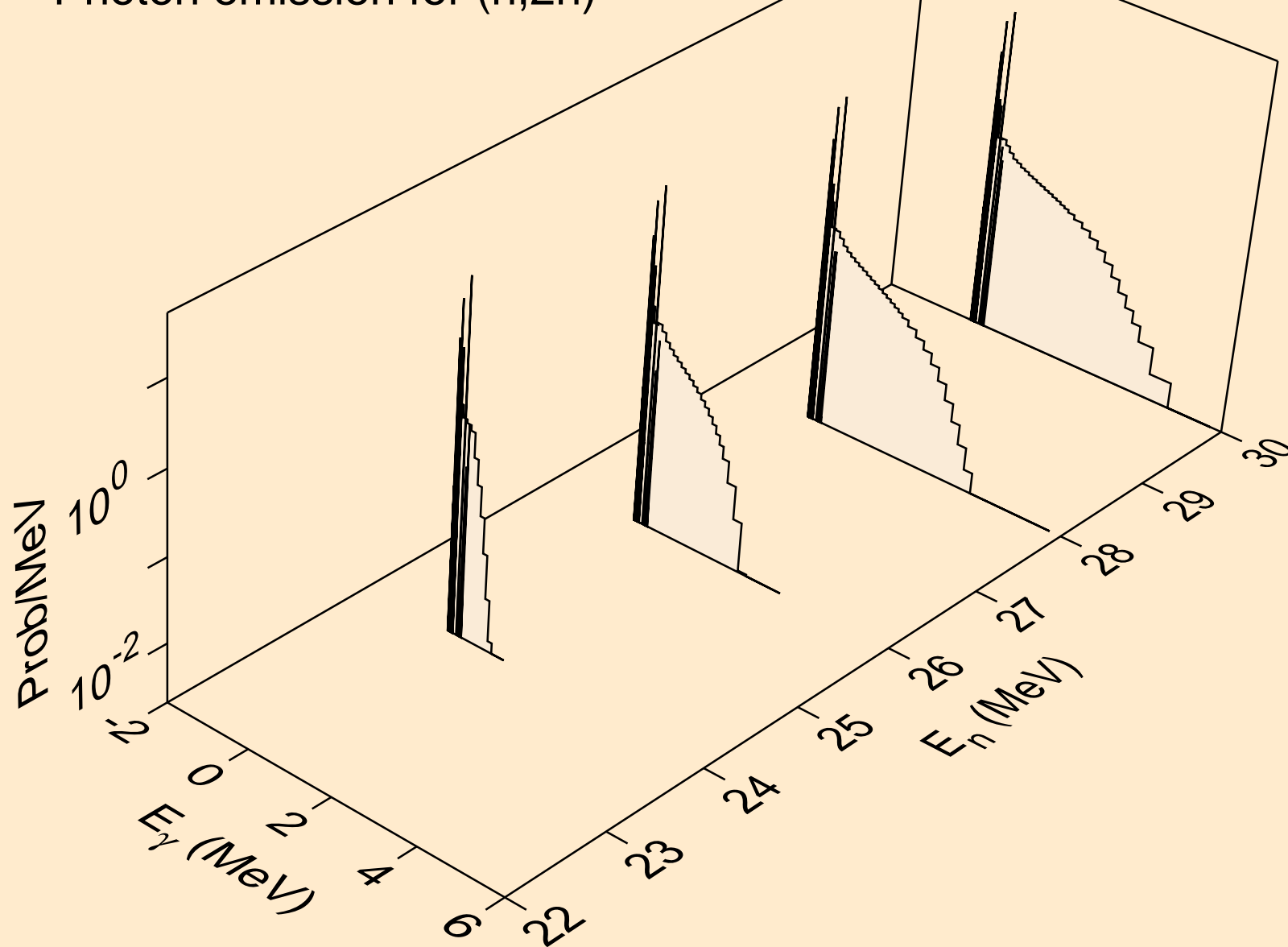
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



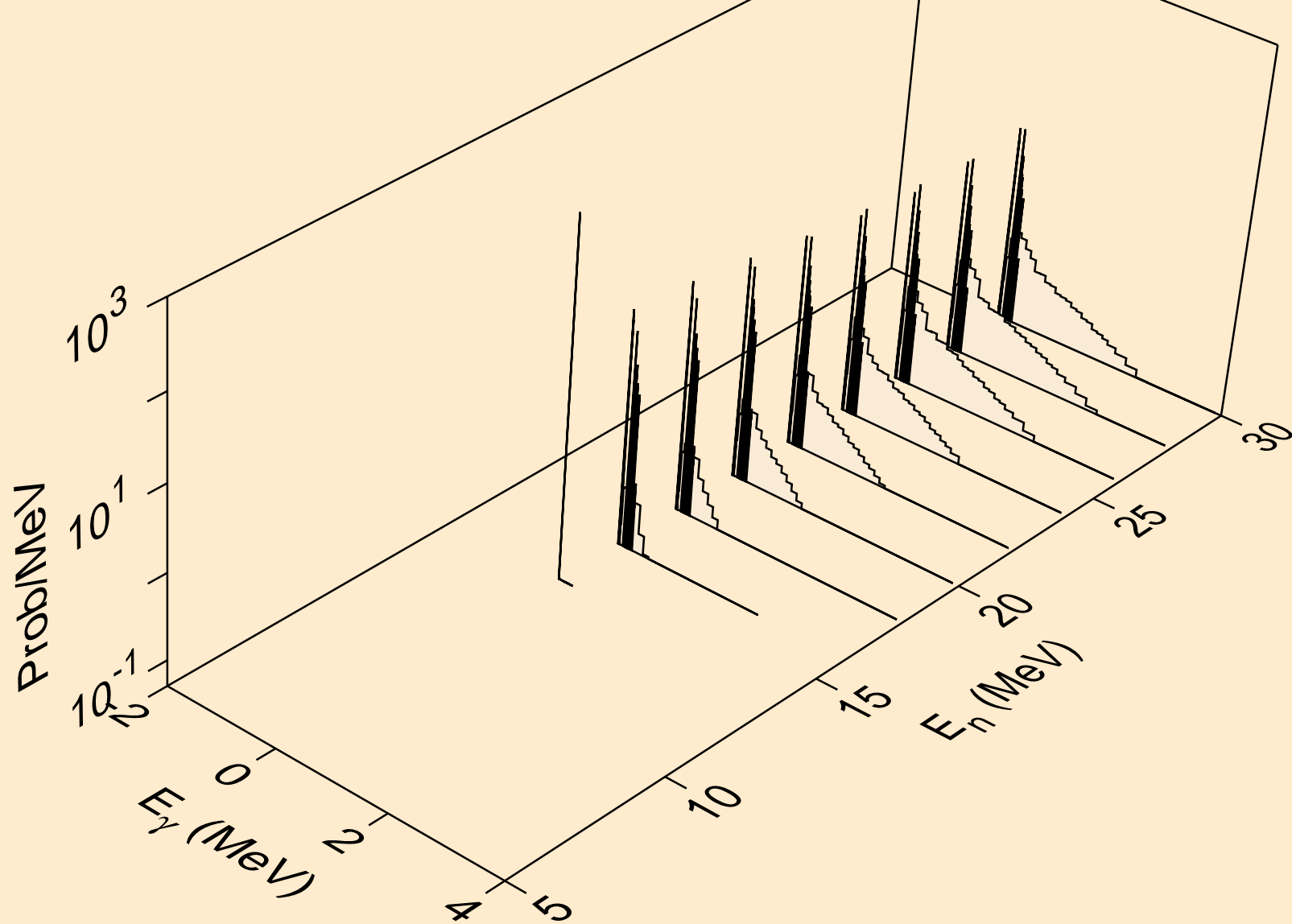
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



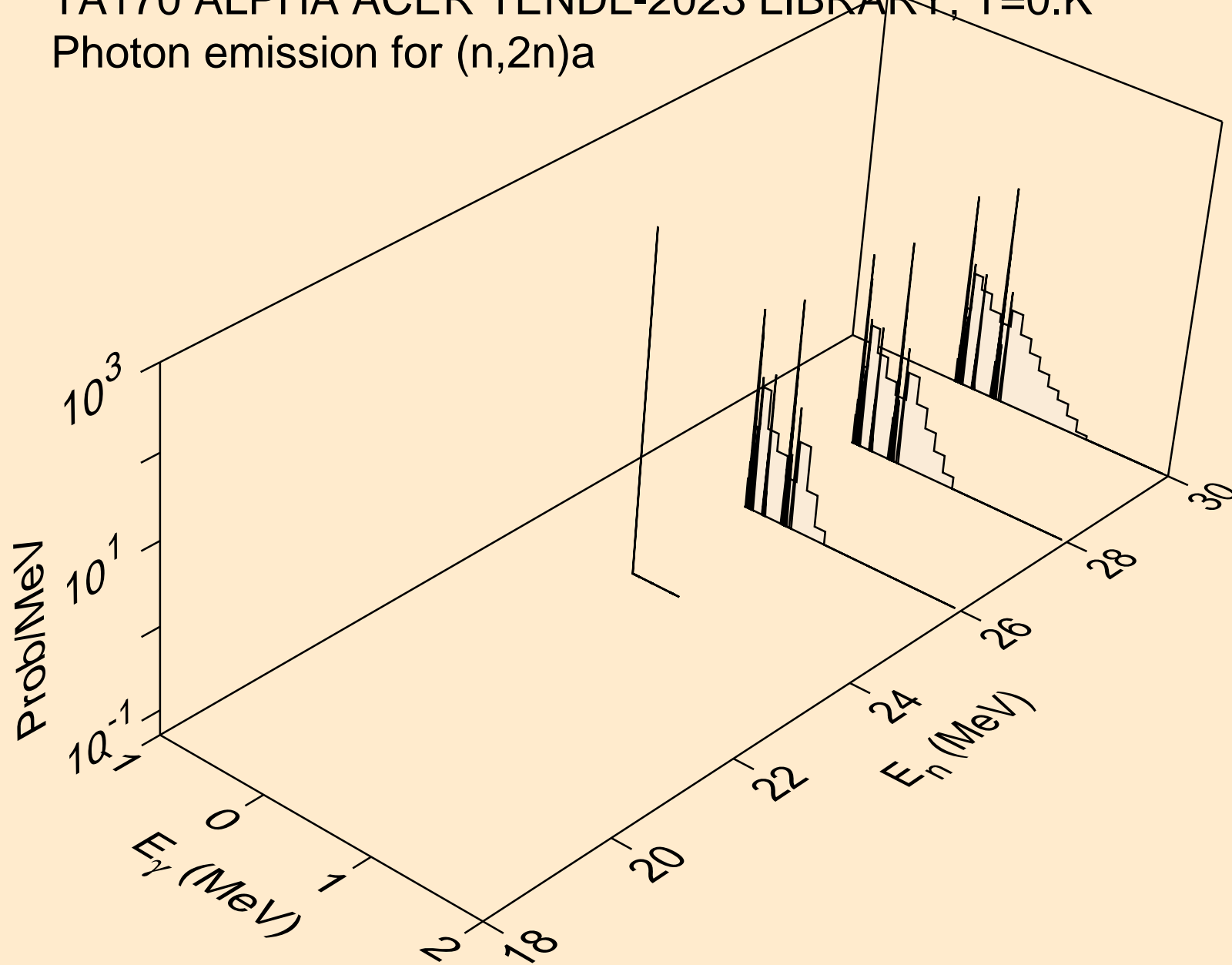
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



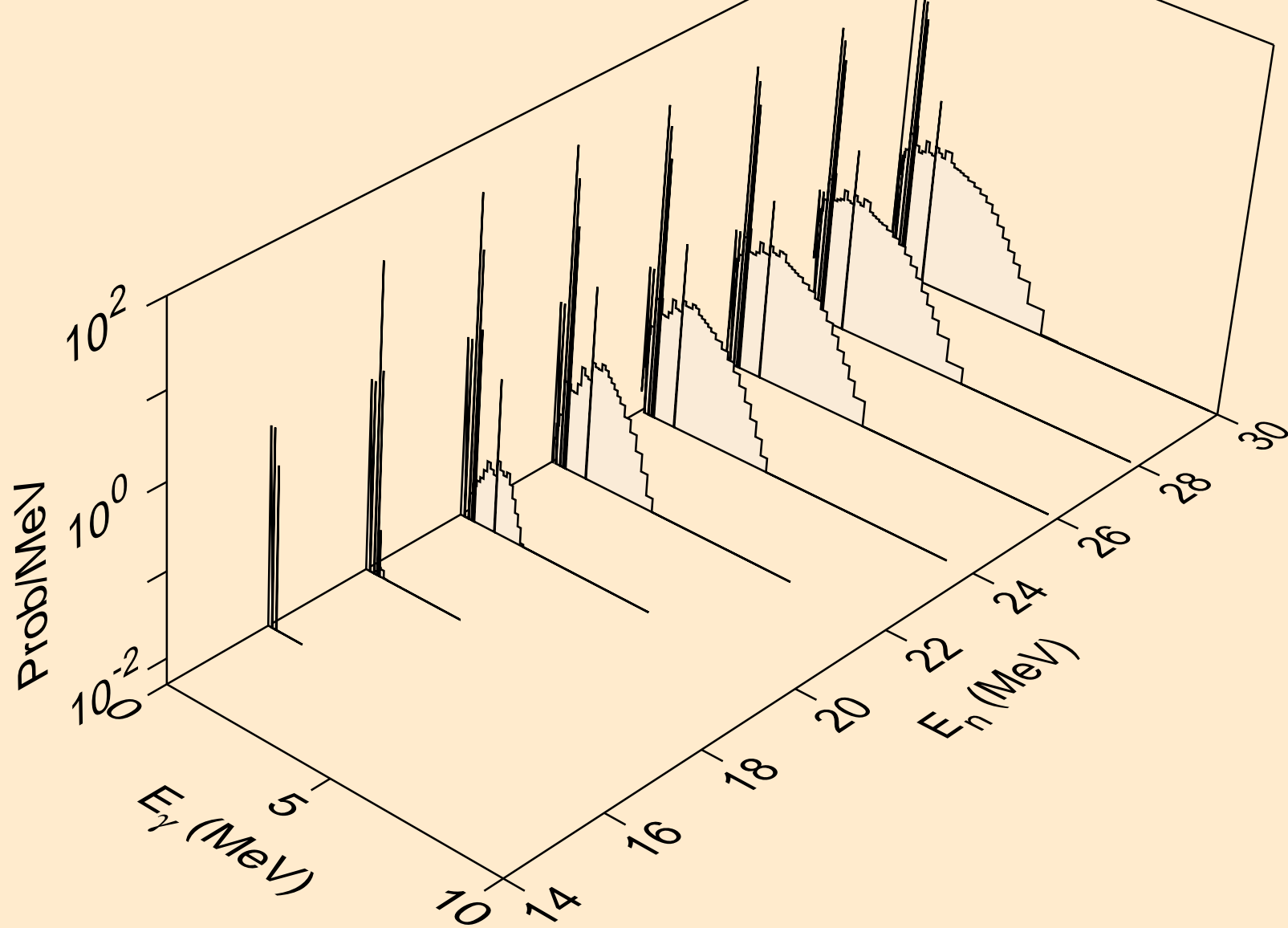
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



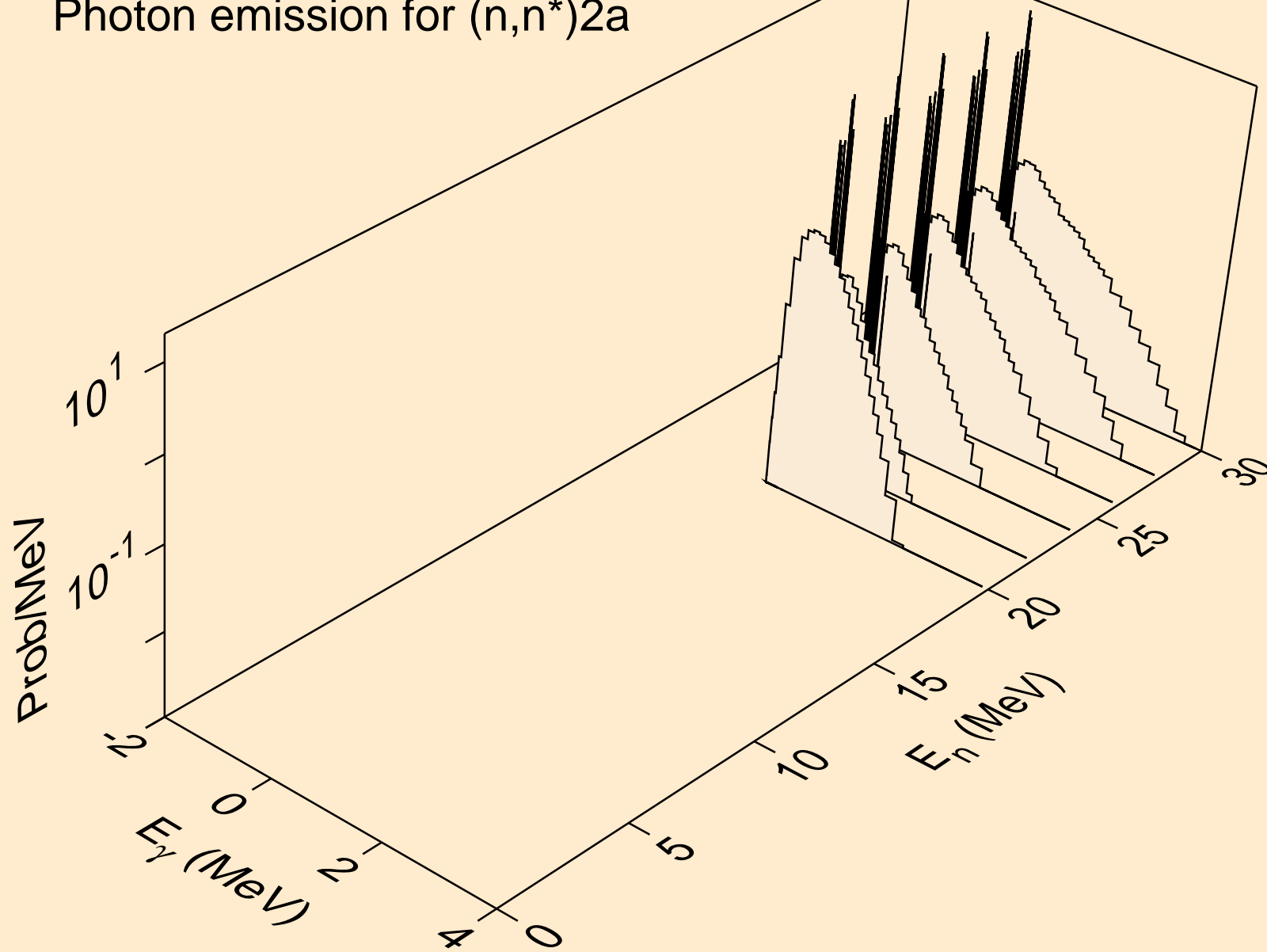
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

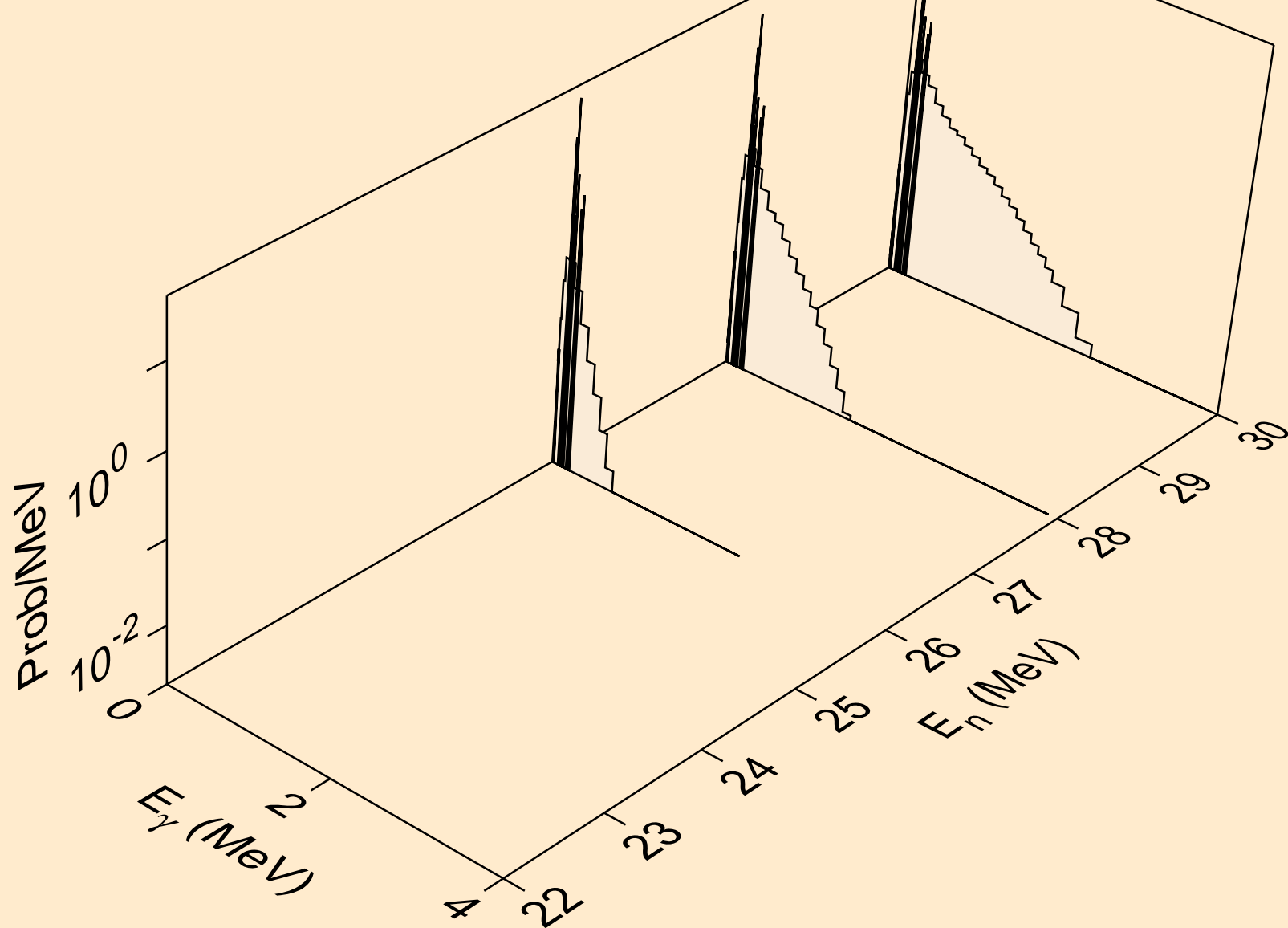


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

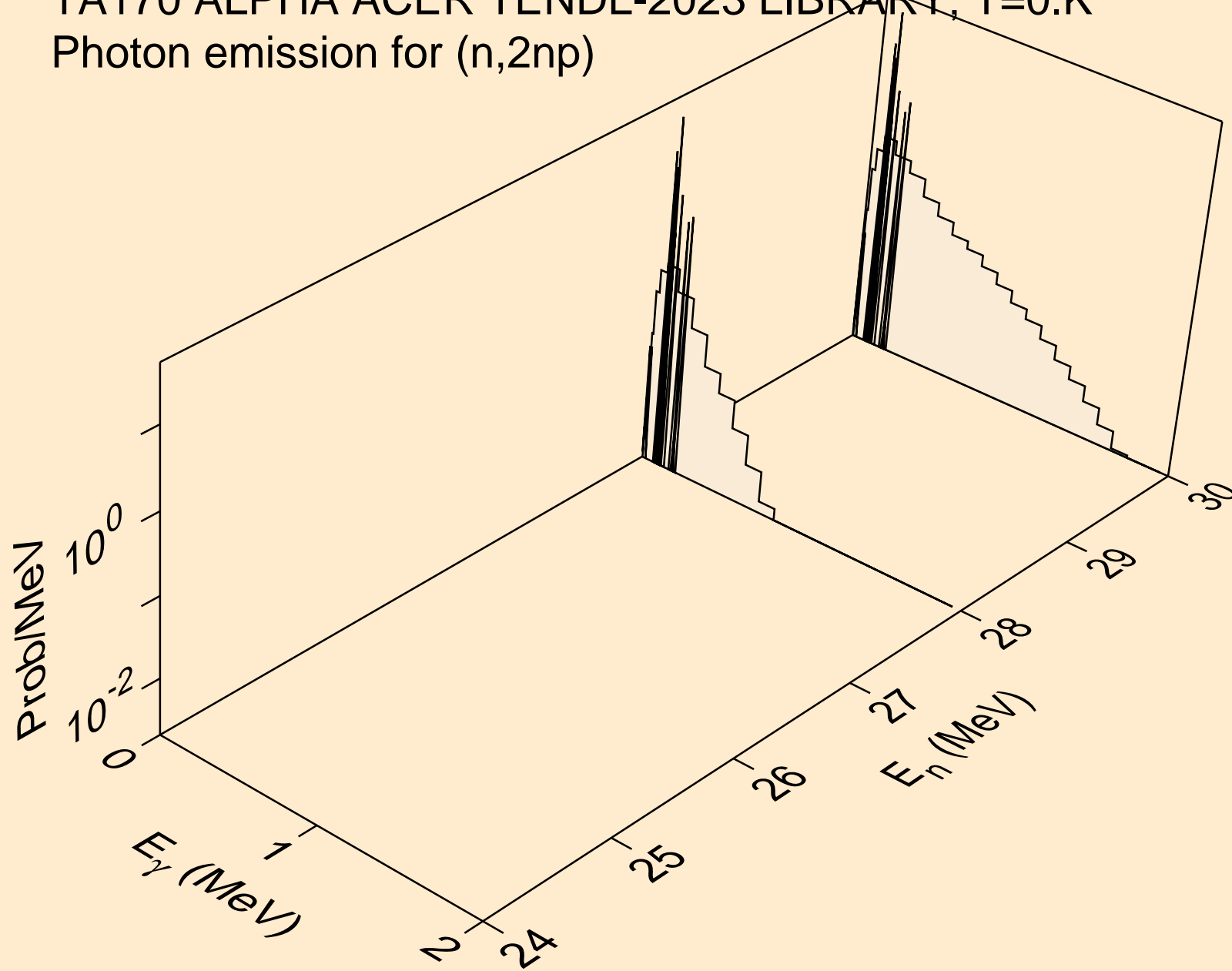




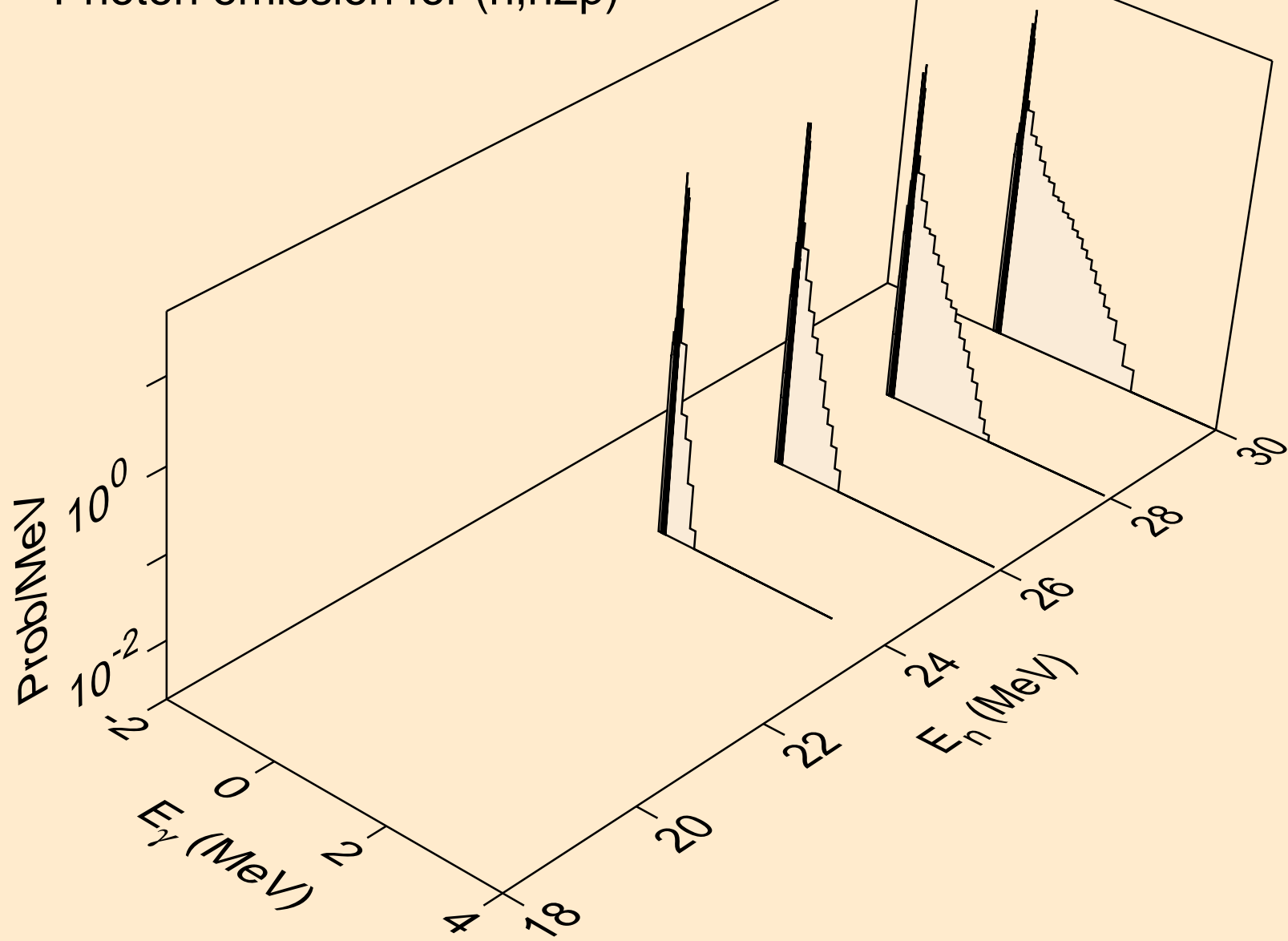
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



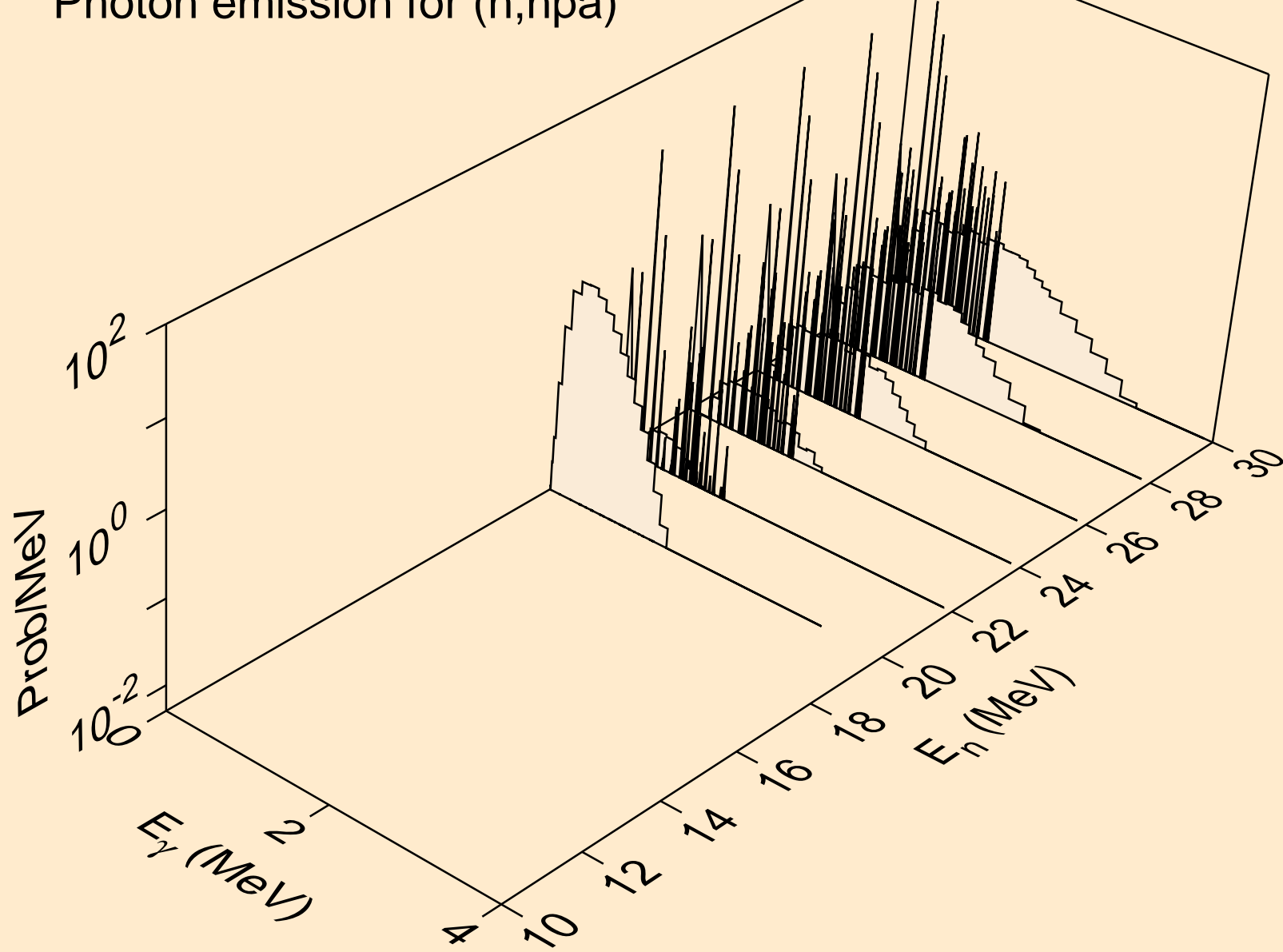
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



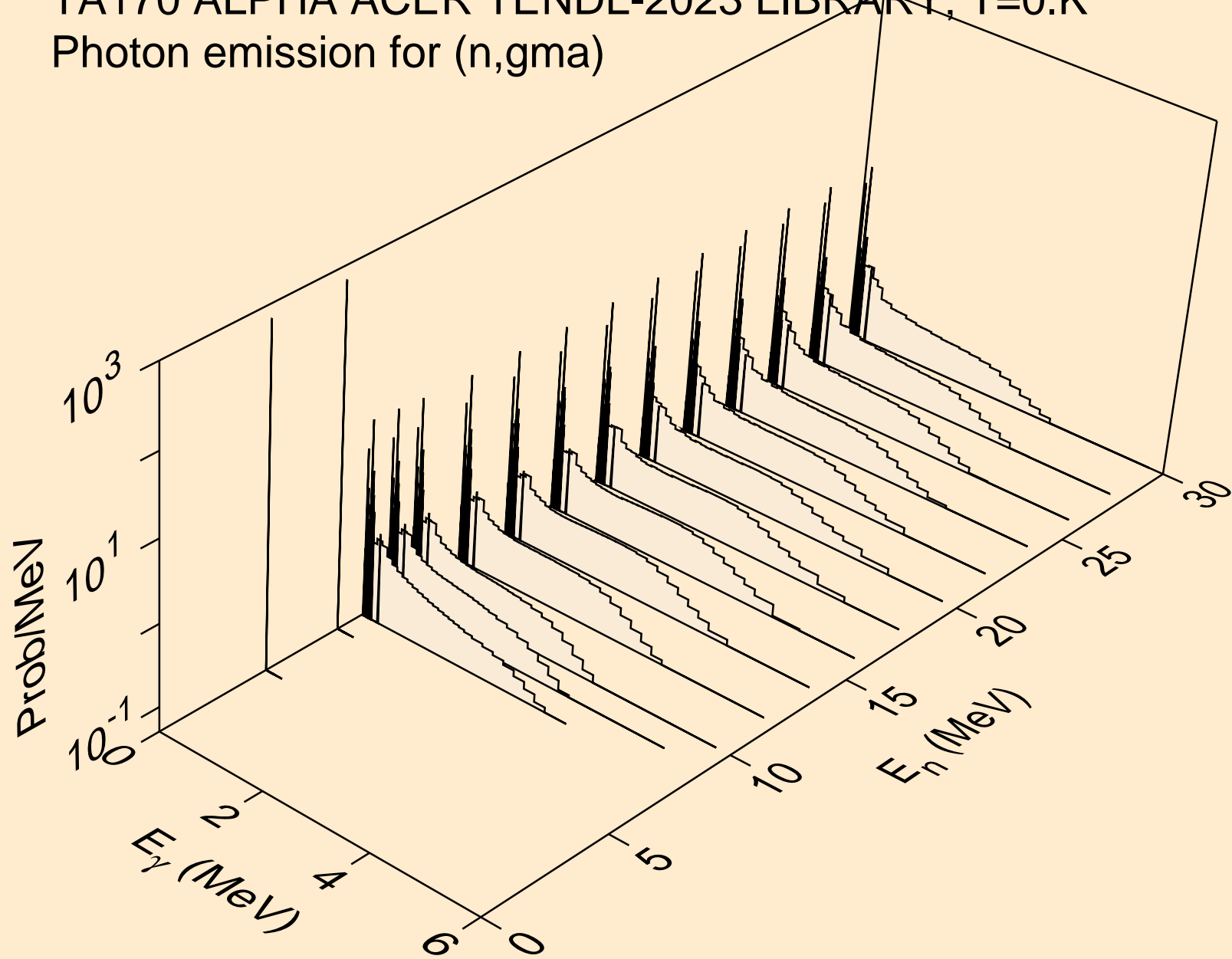
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



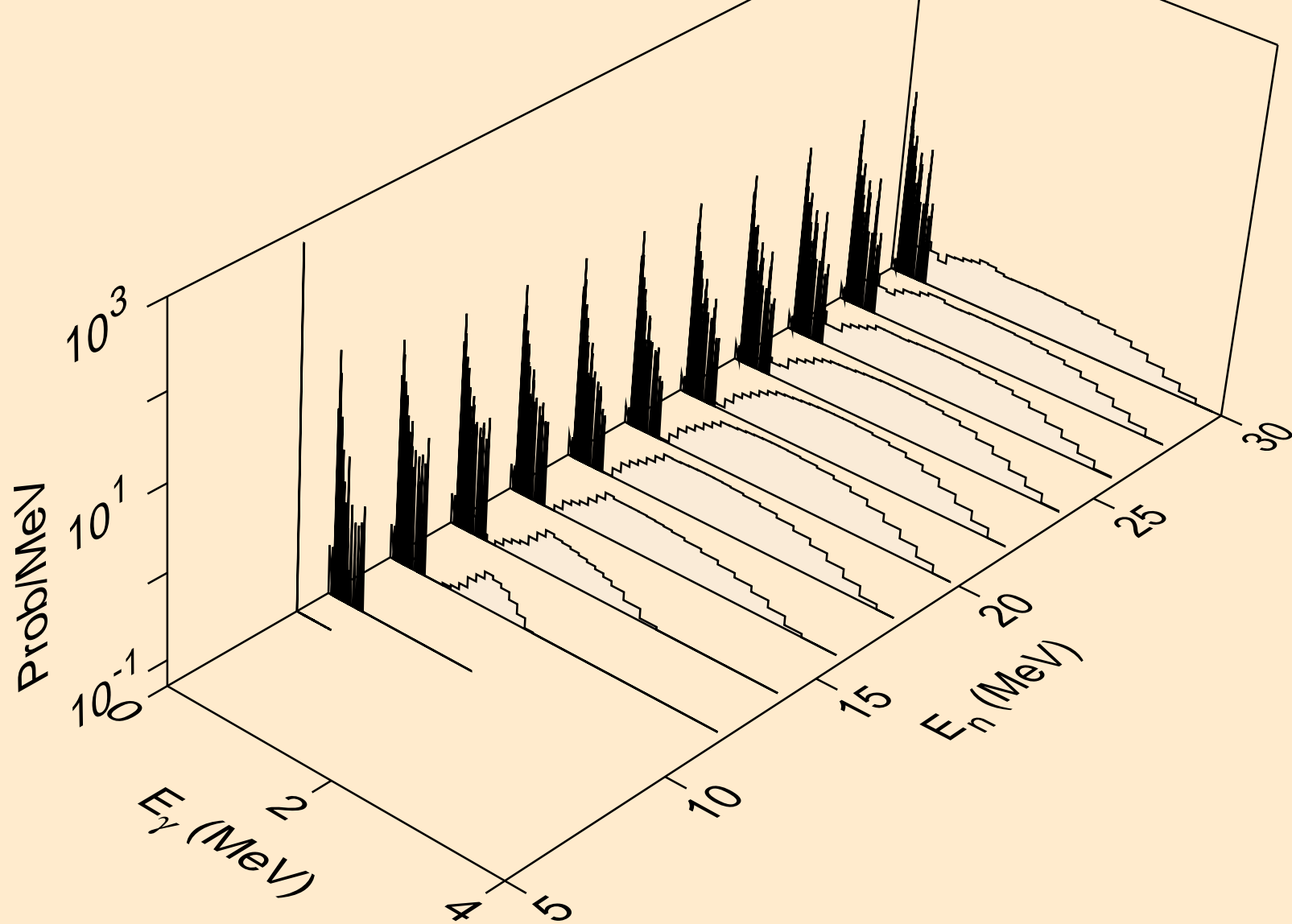
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



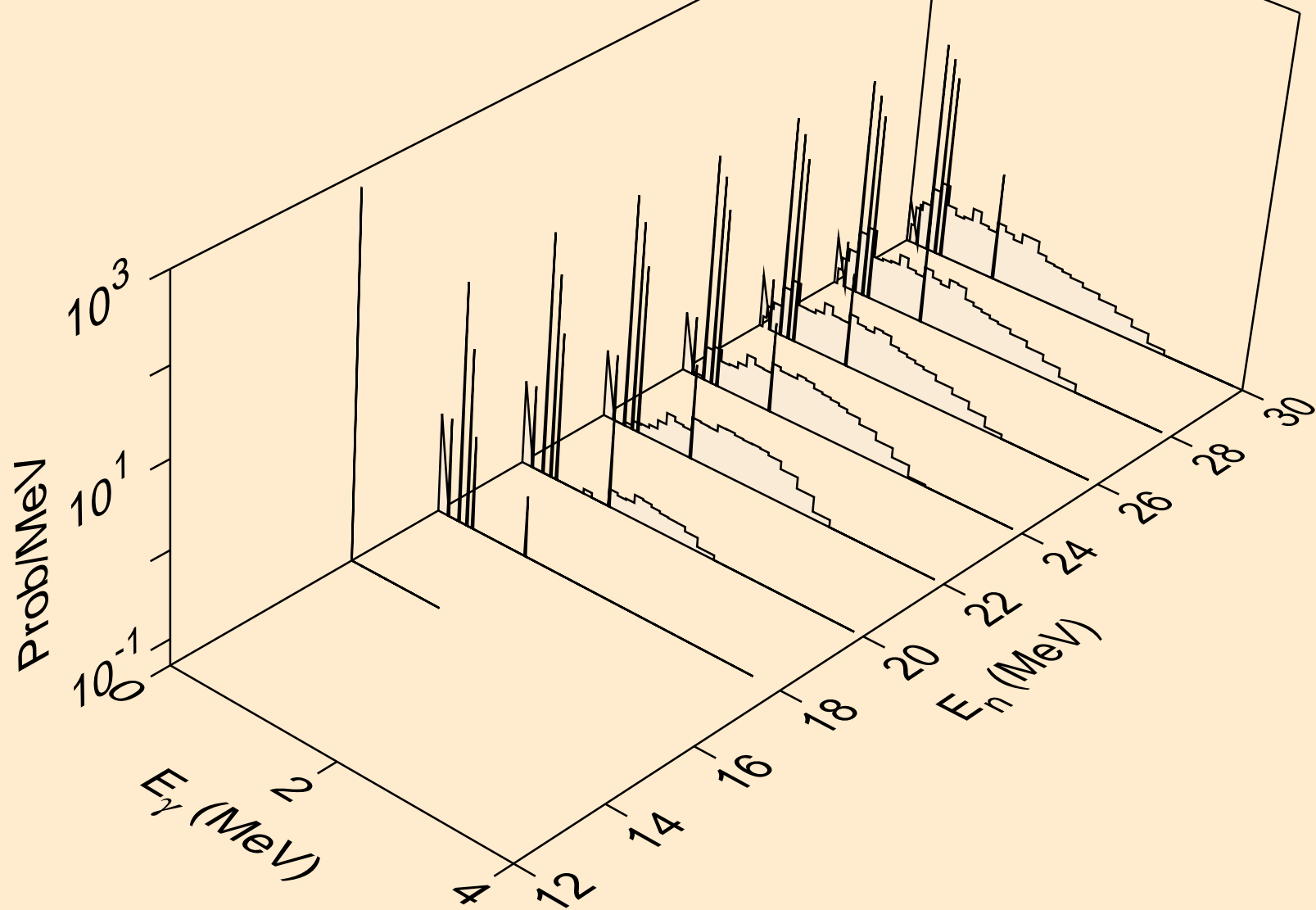
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



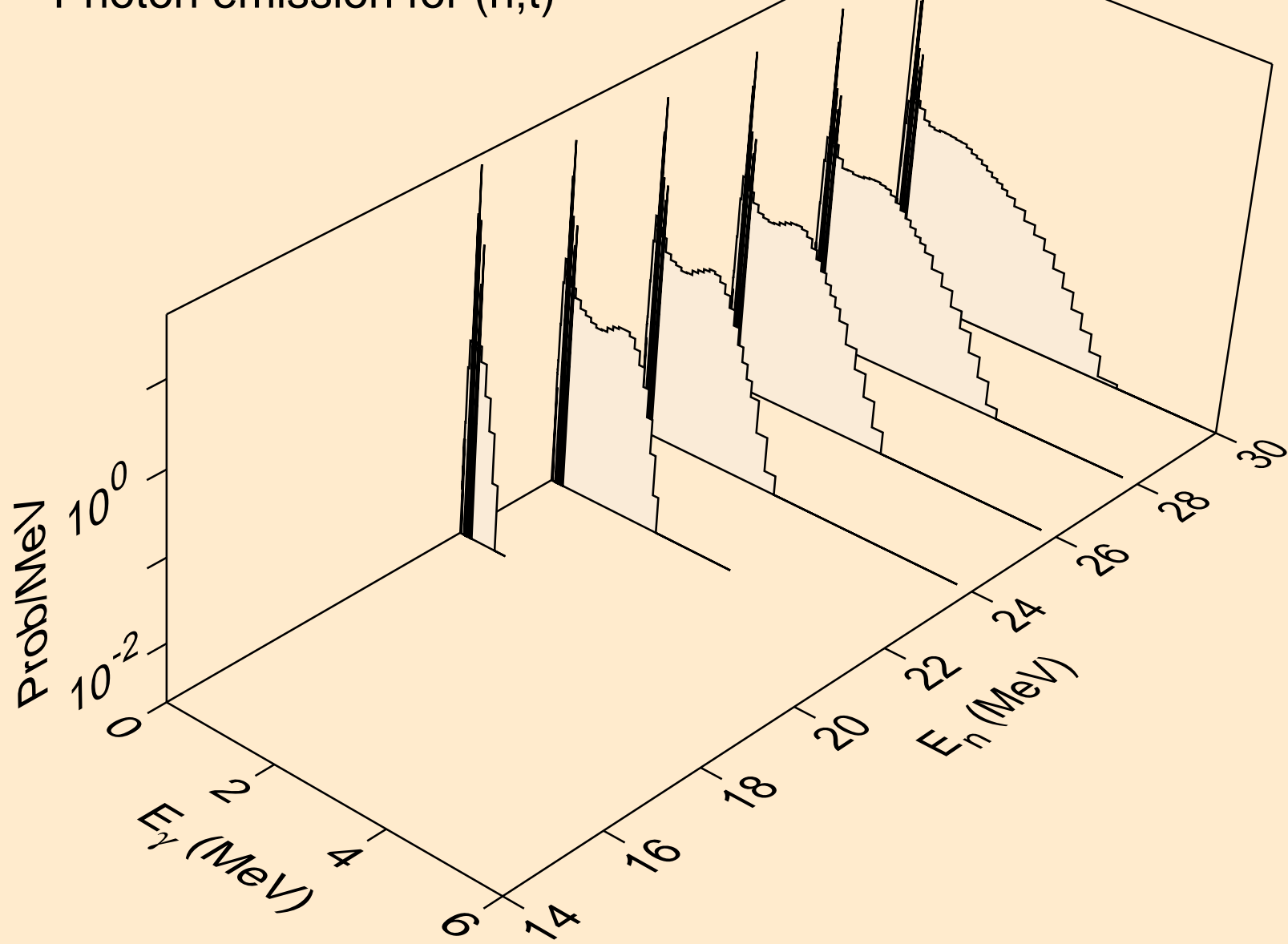
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

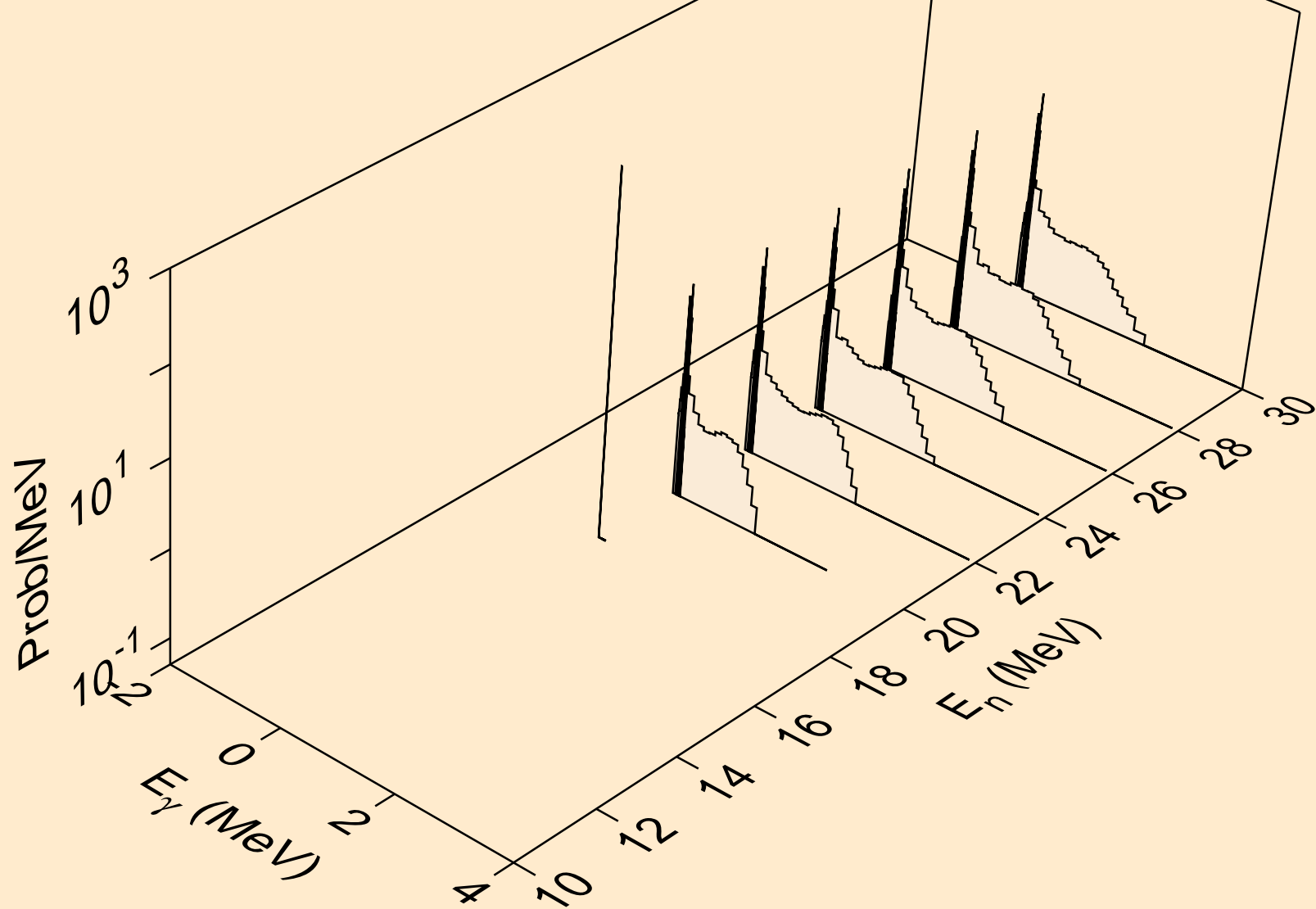


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

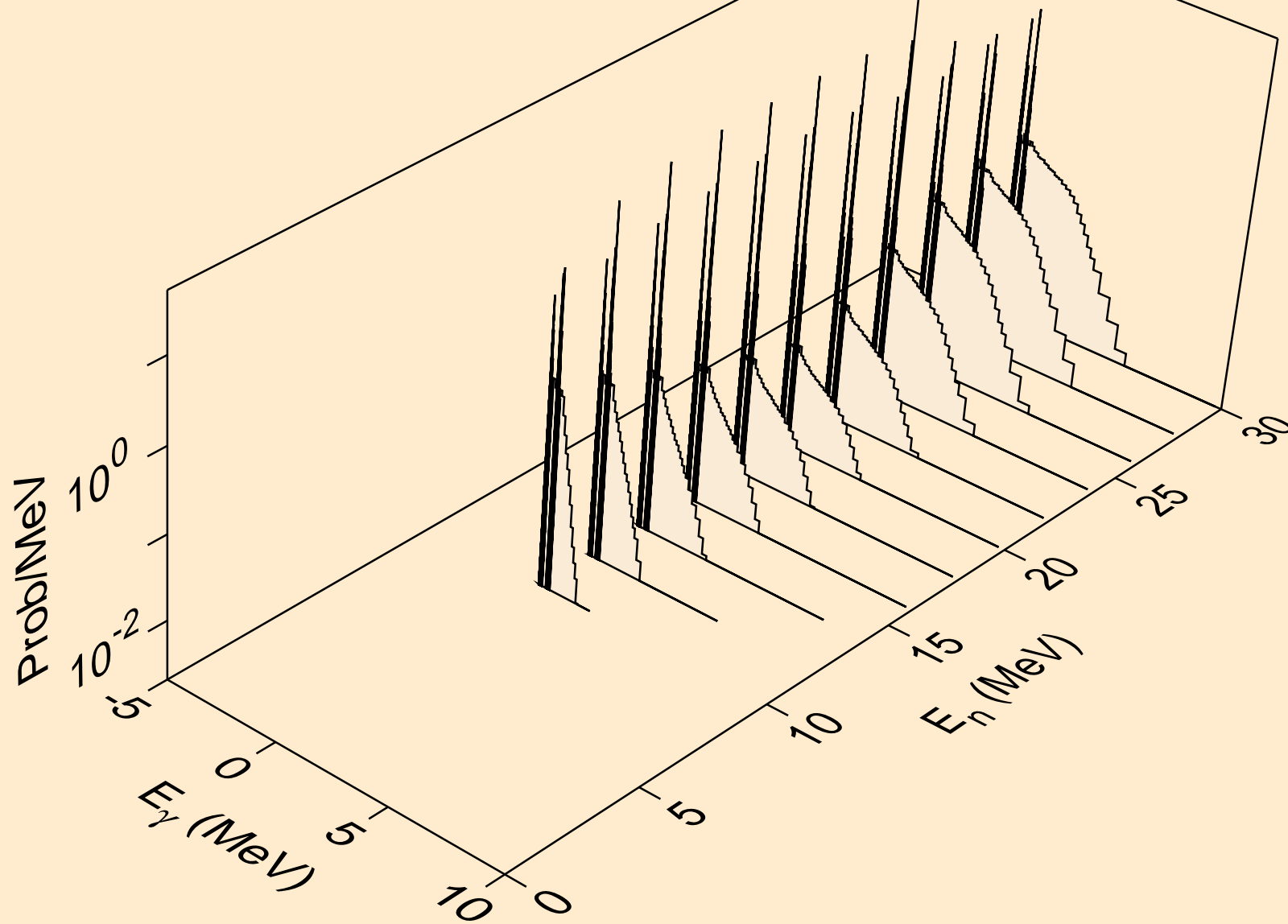




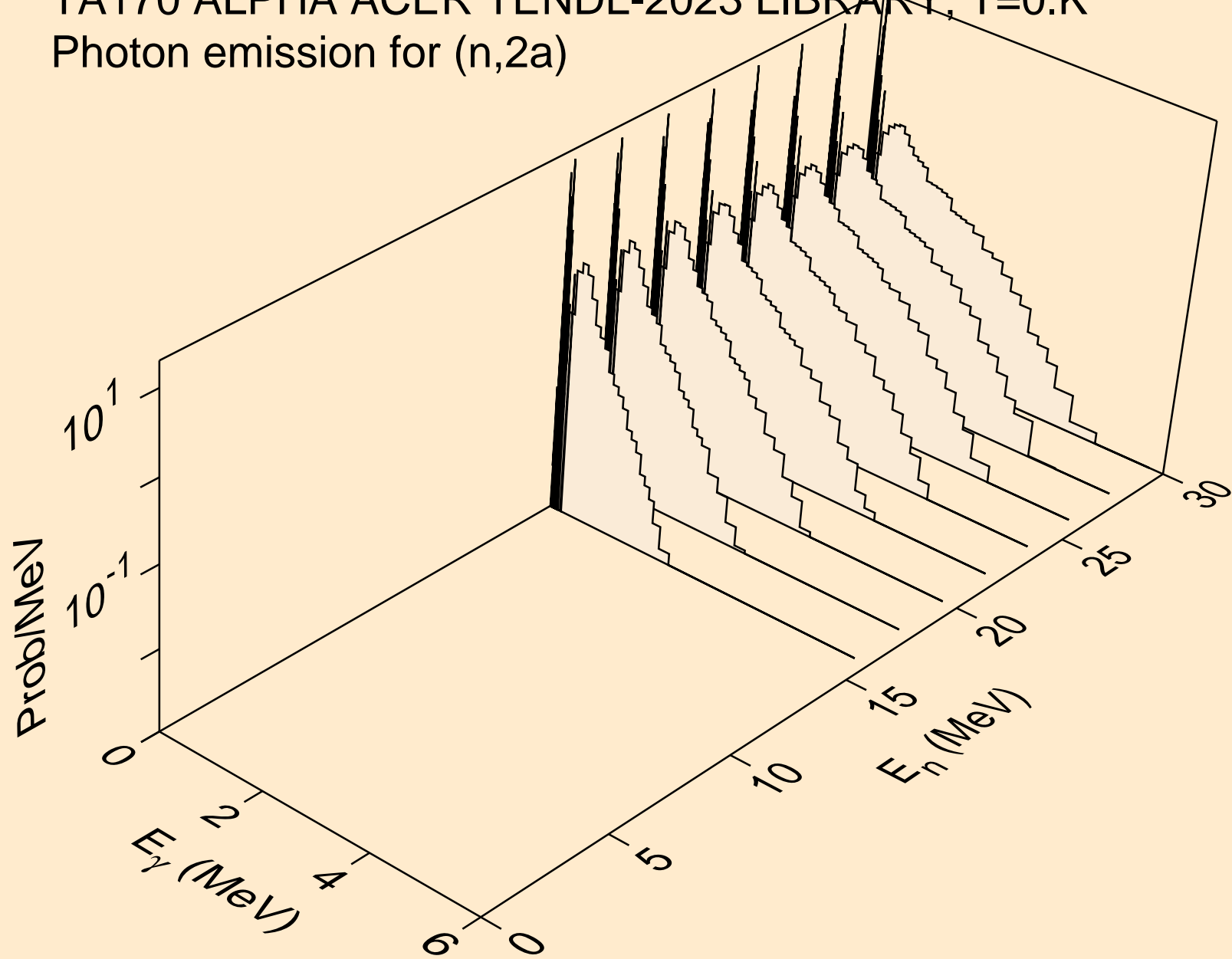
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



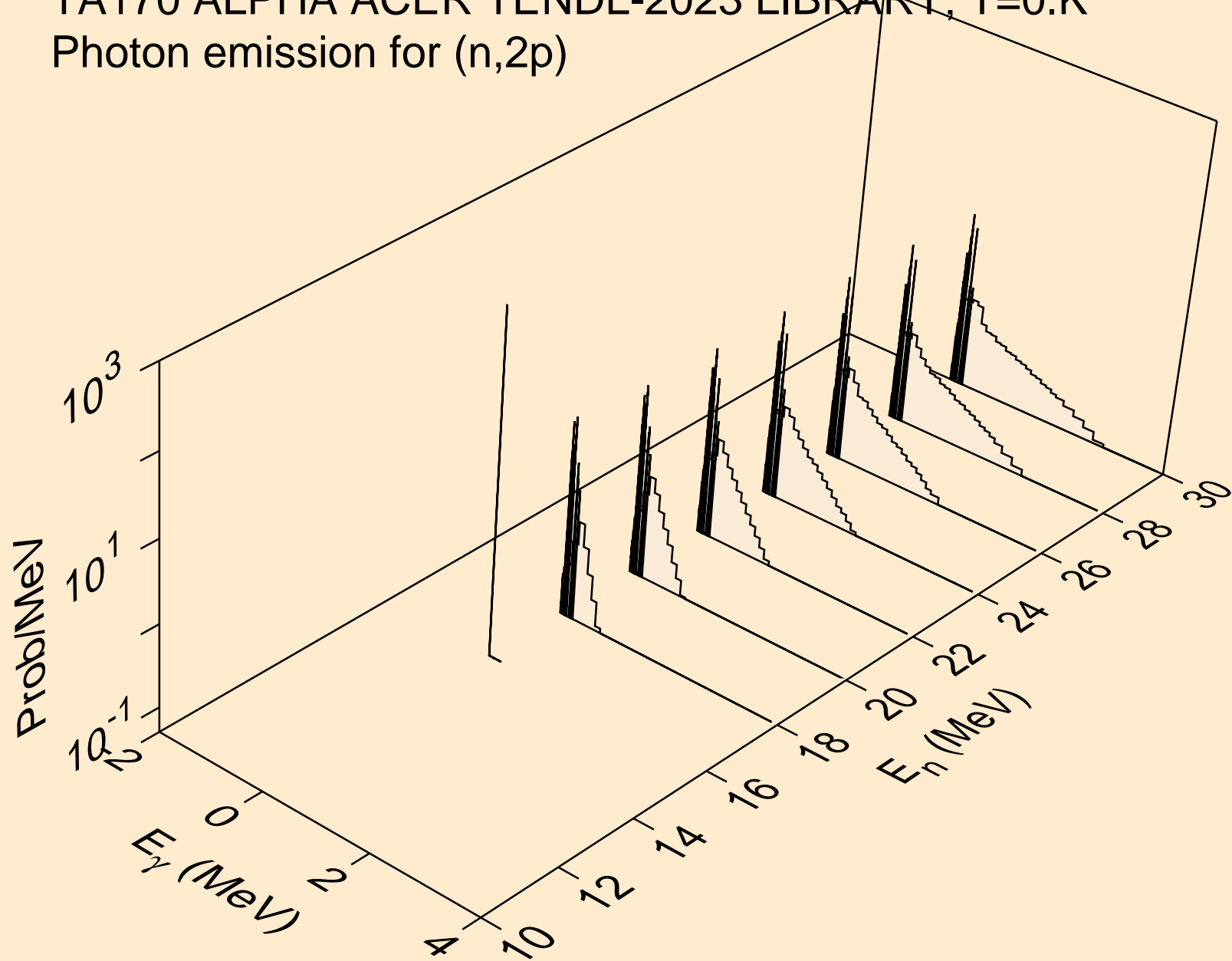
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



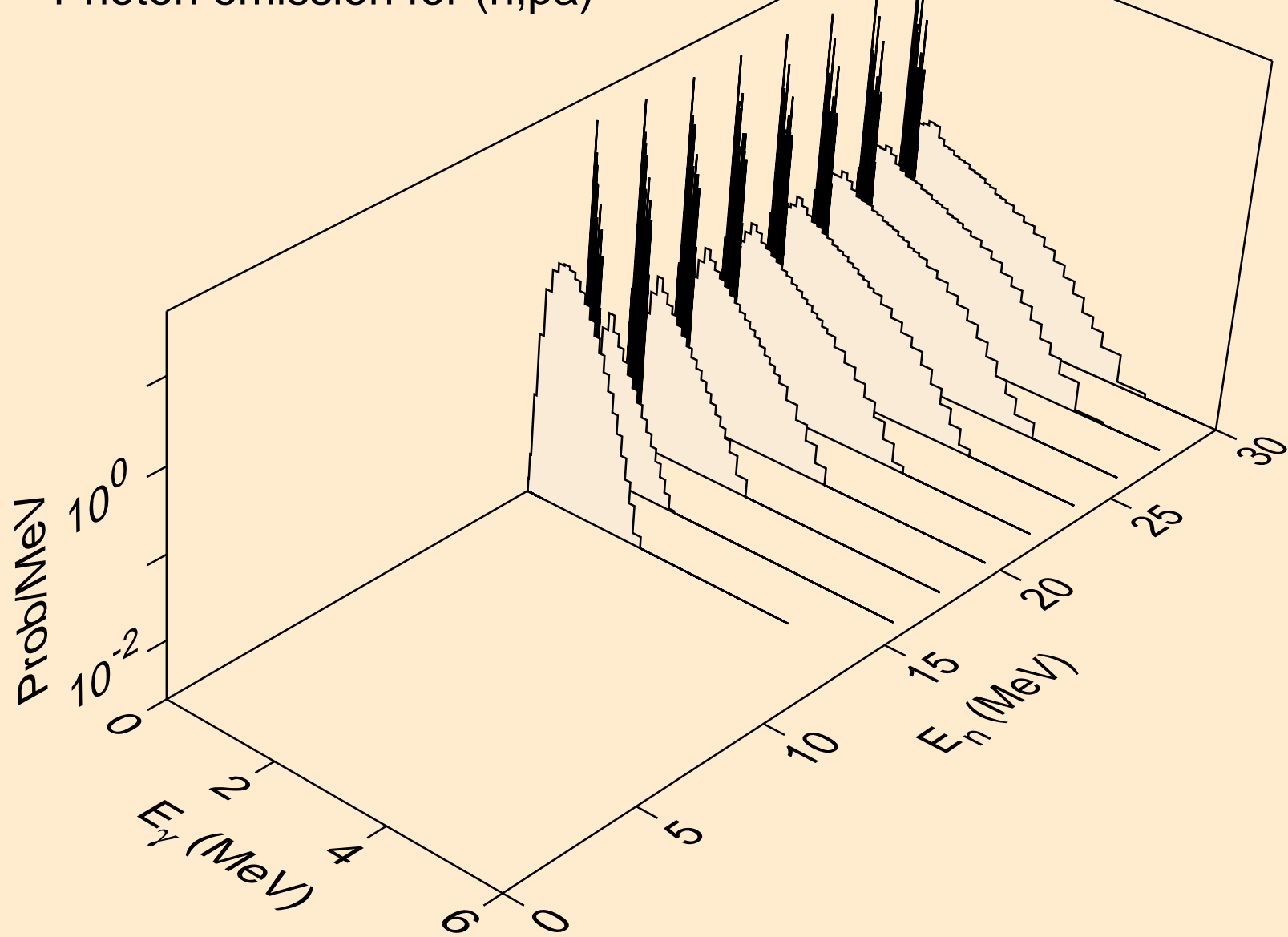
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



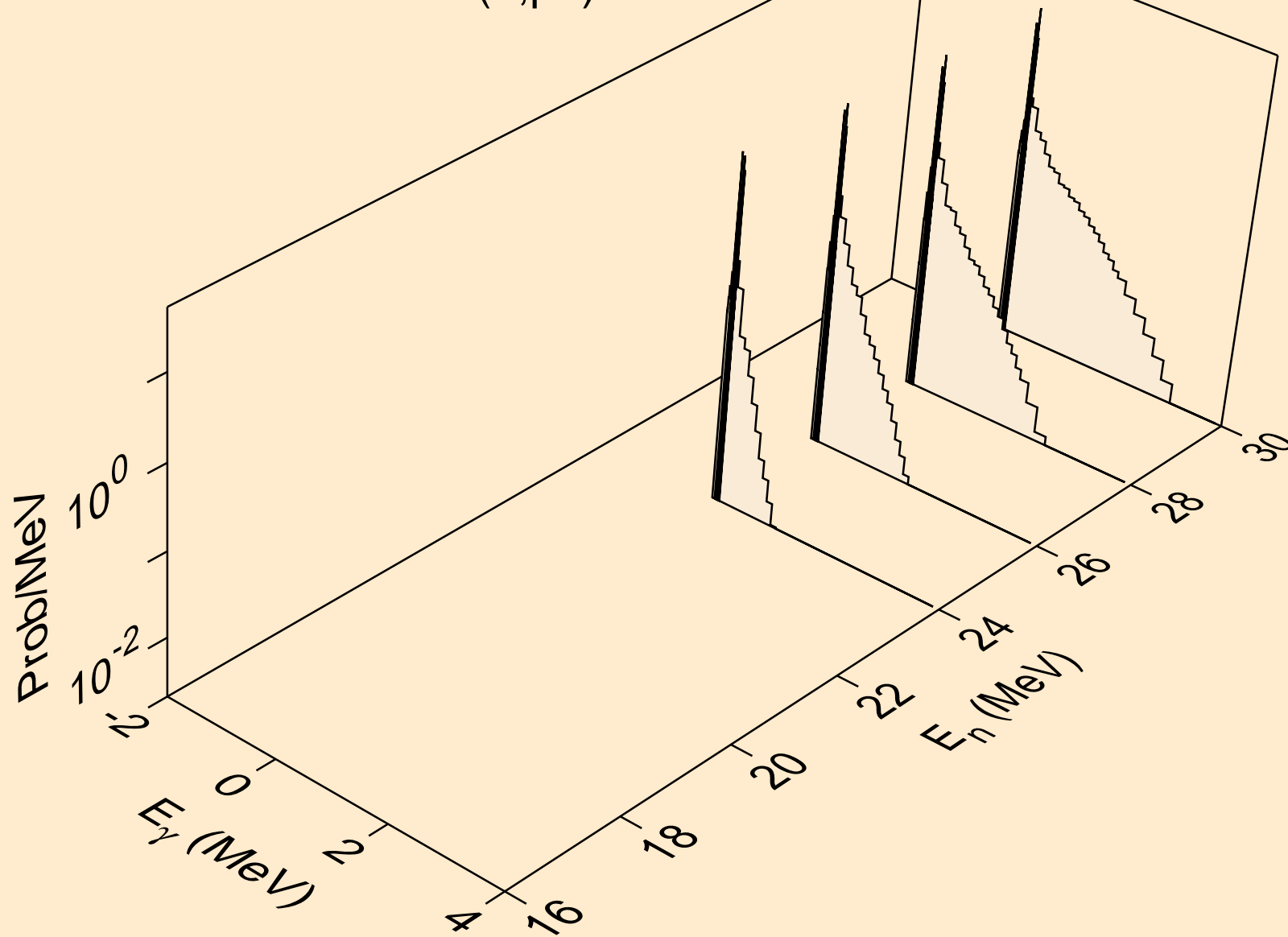
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



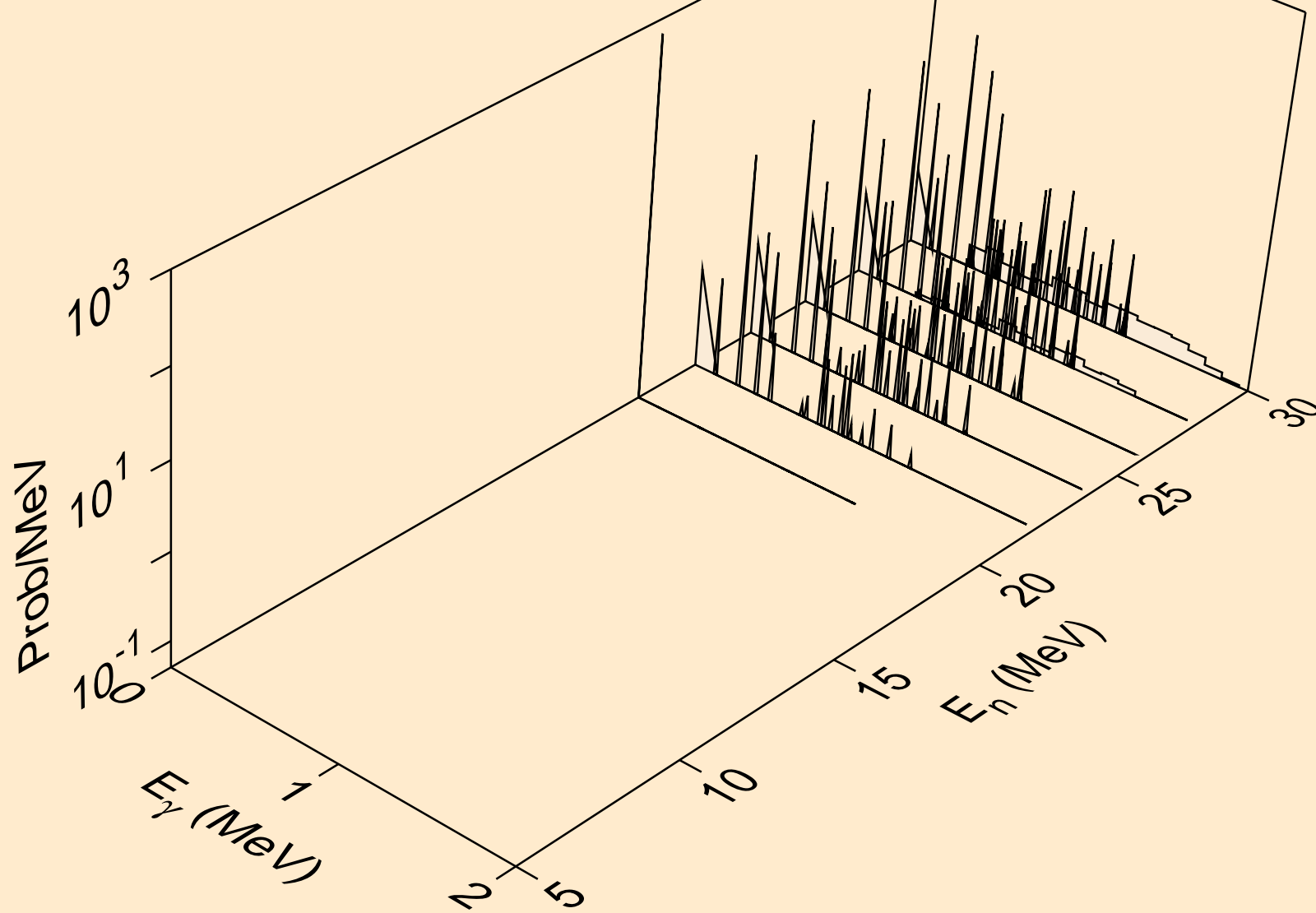
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



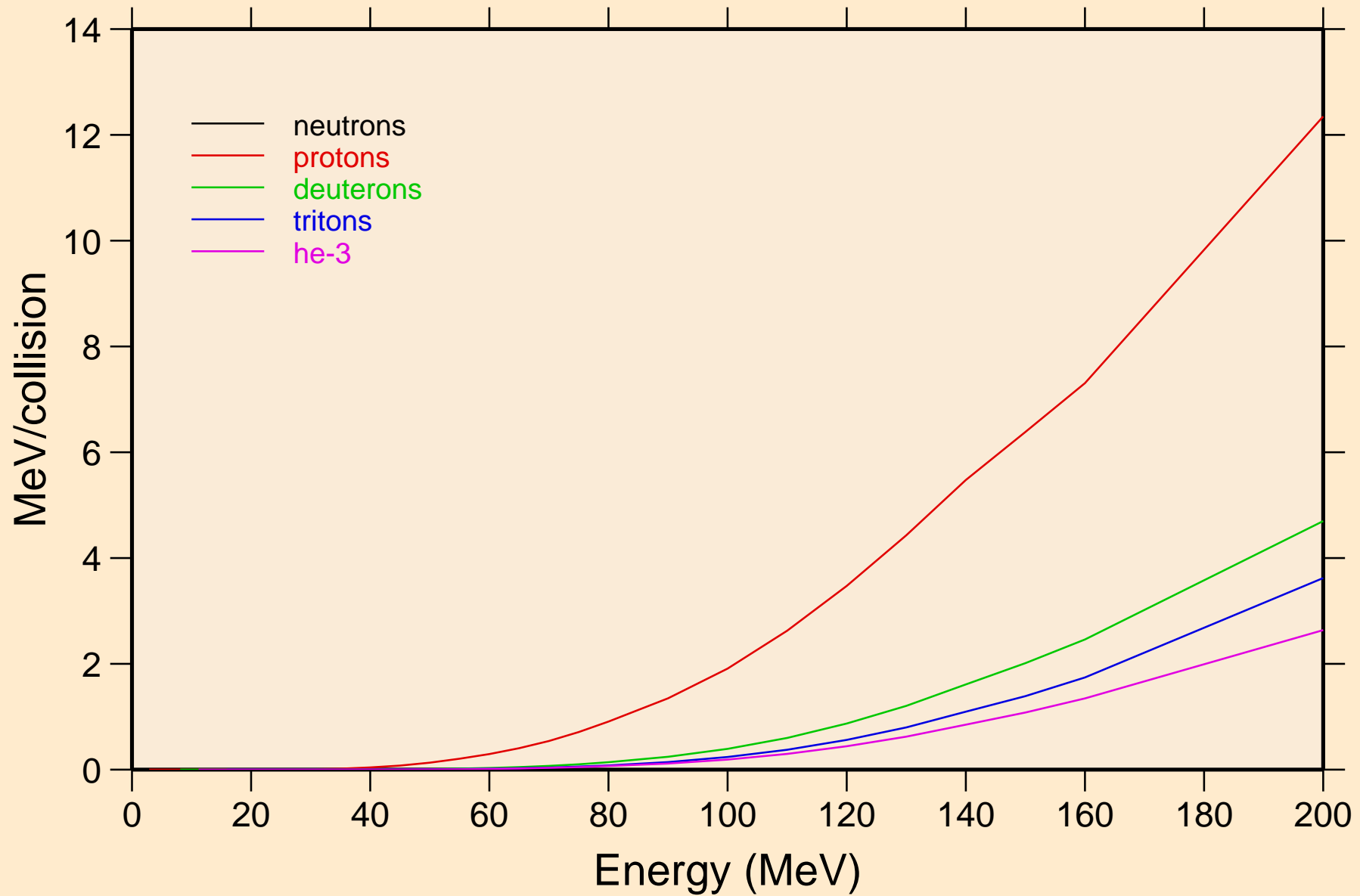
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

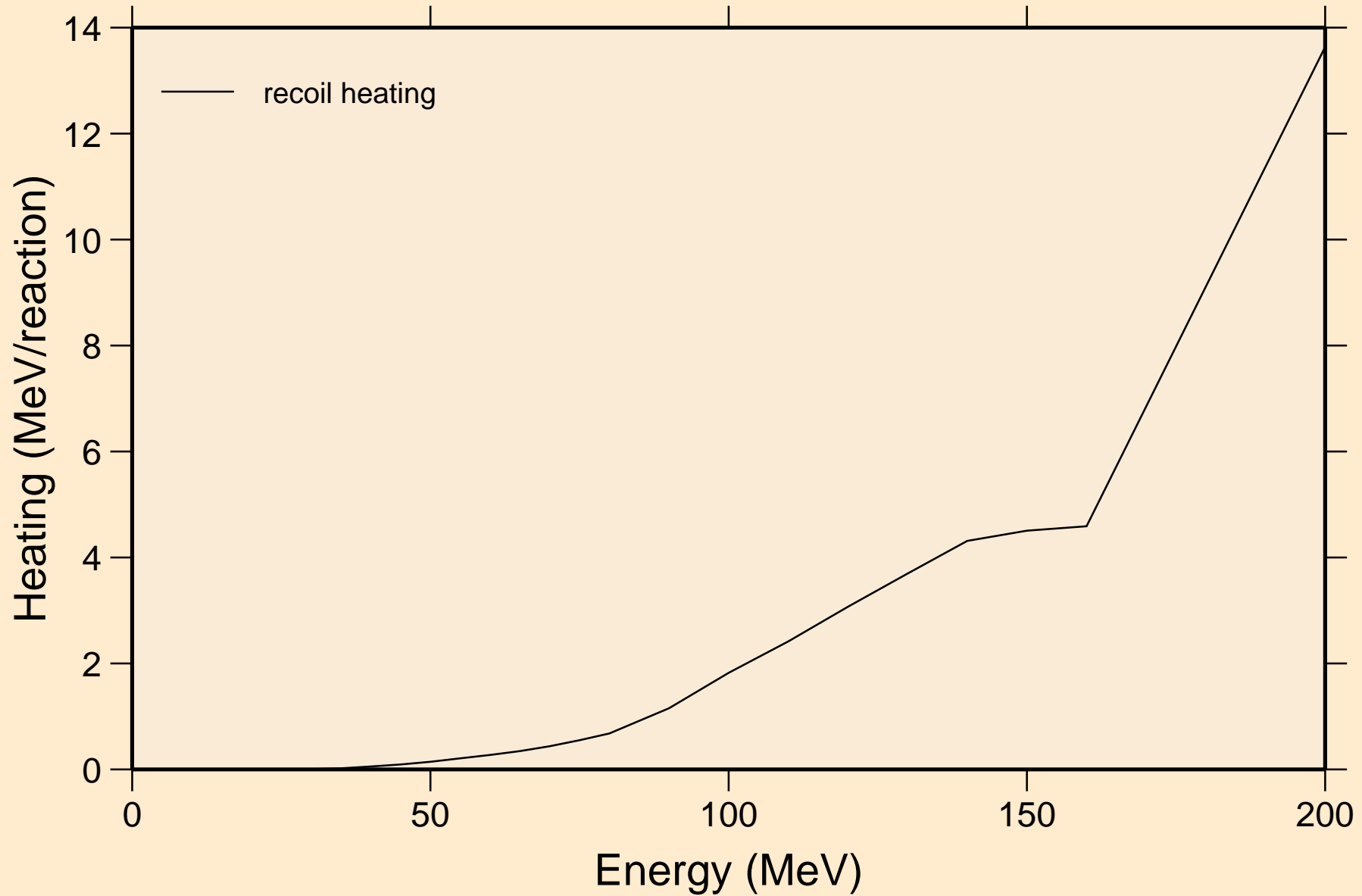


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



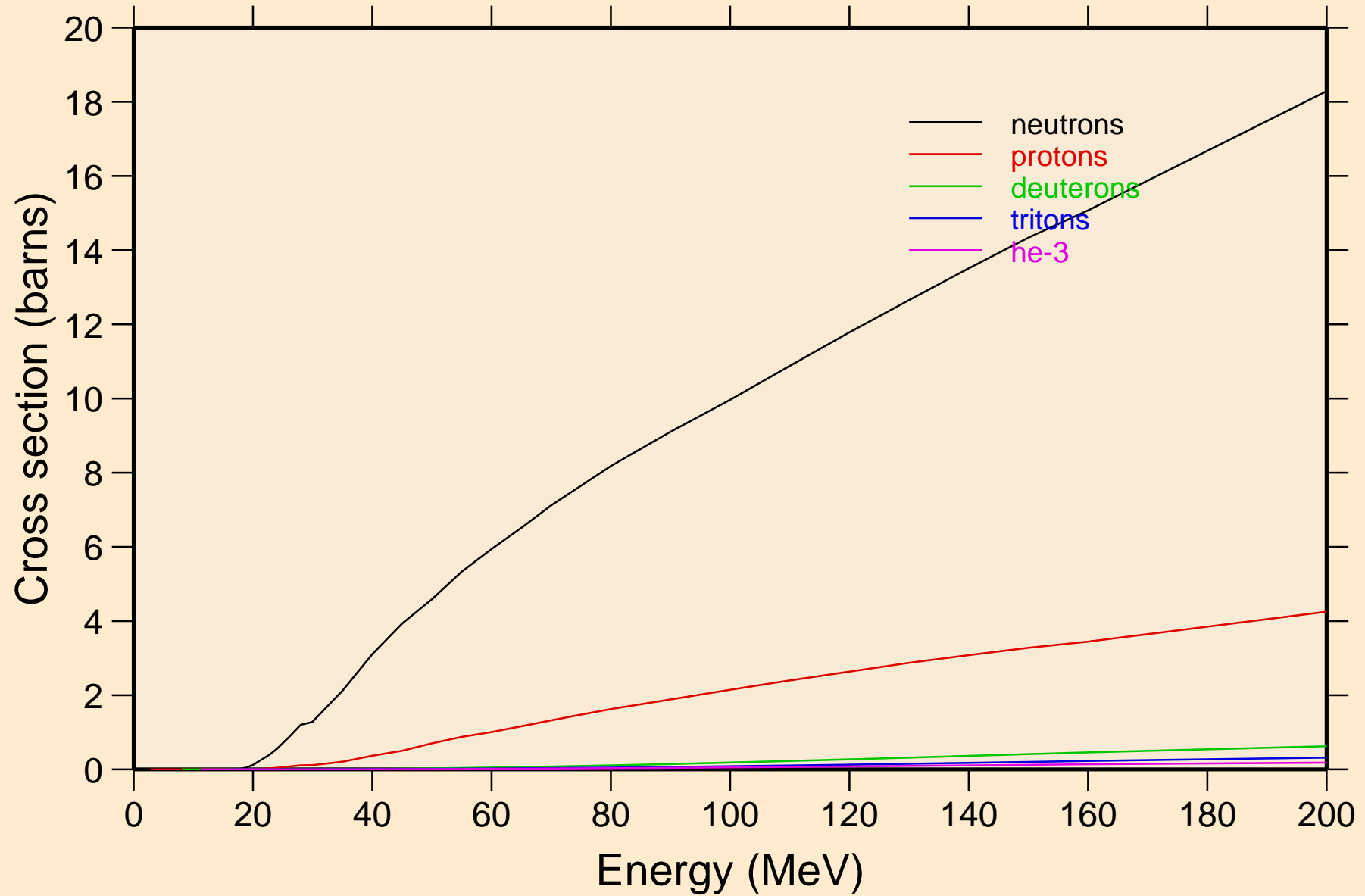


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

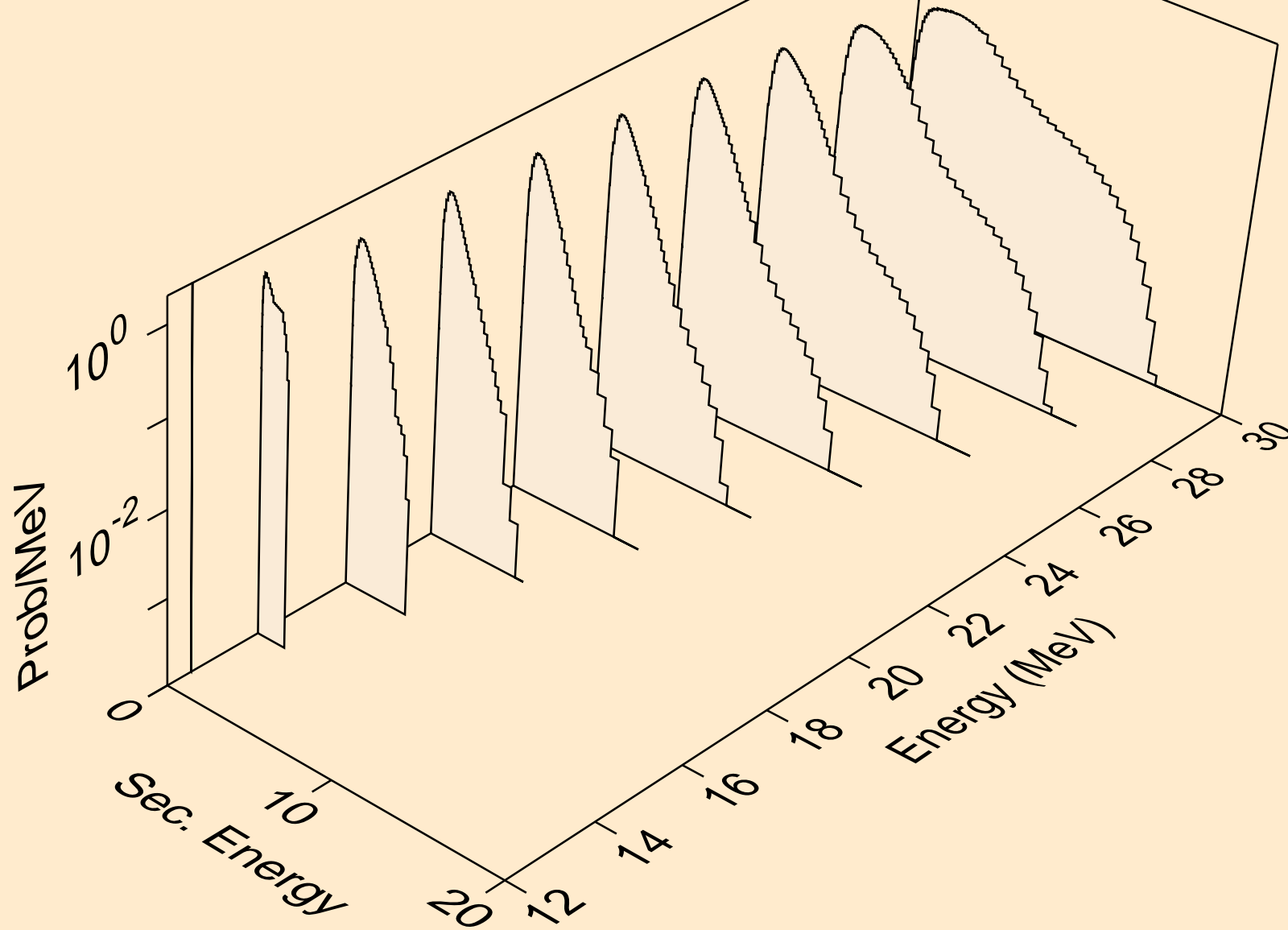


# TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

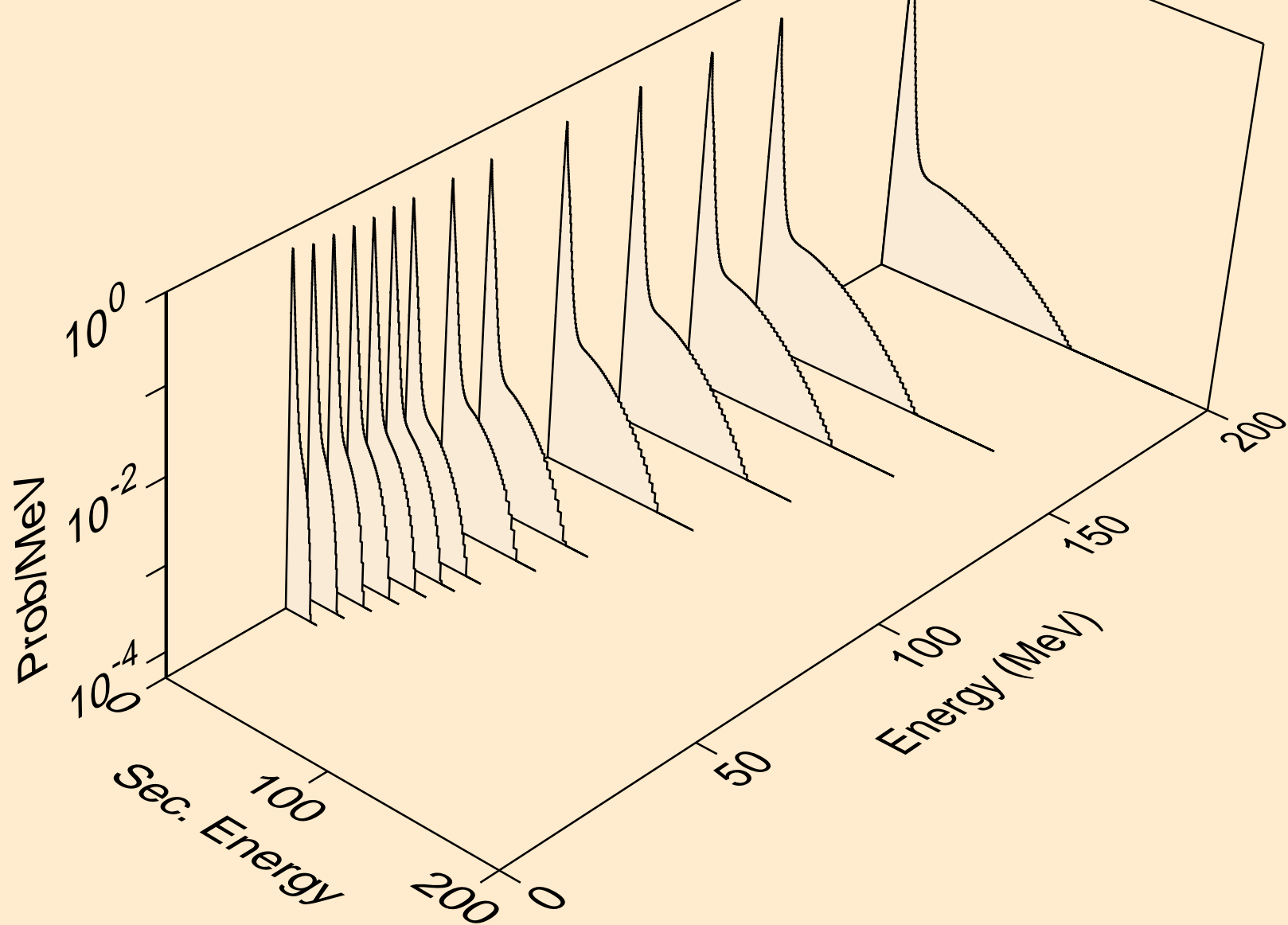
## Particle production cross sections



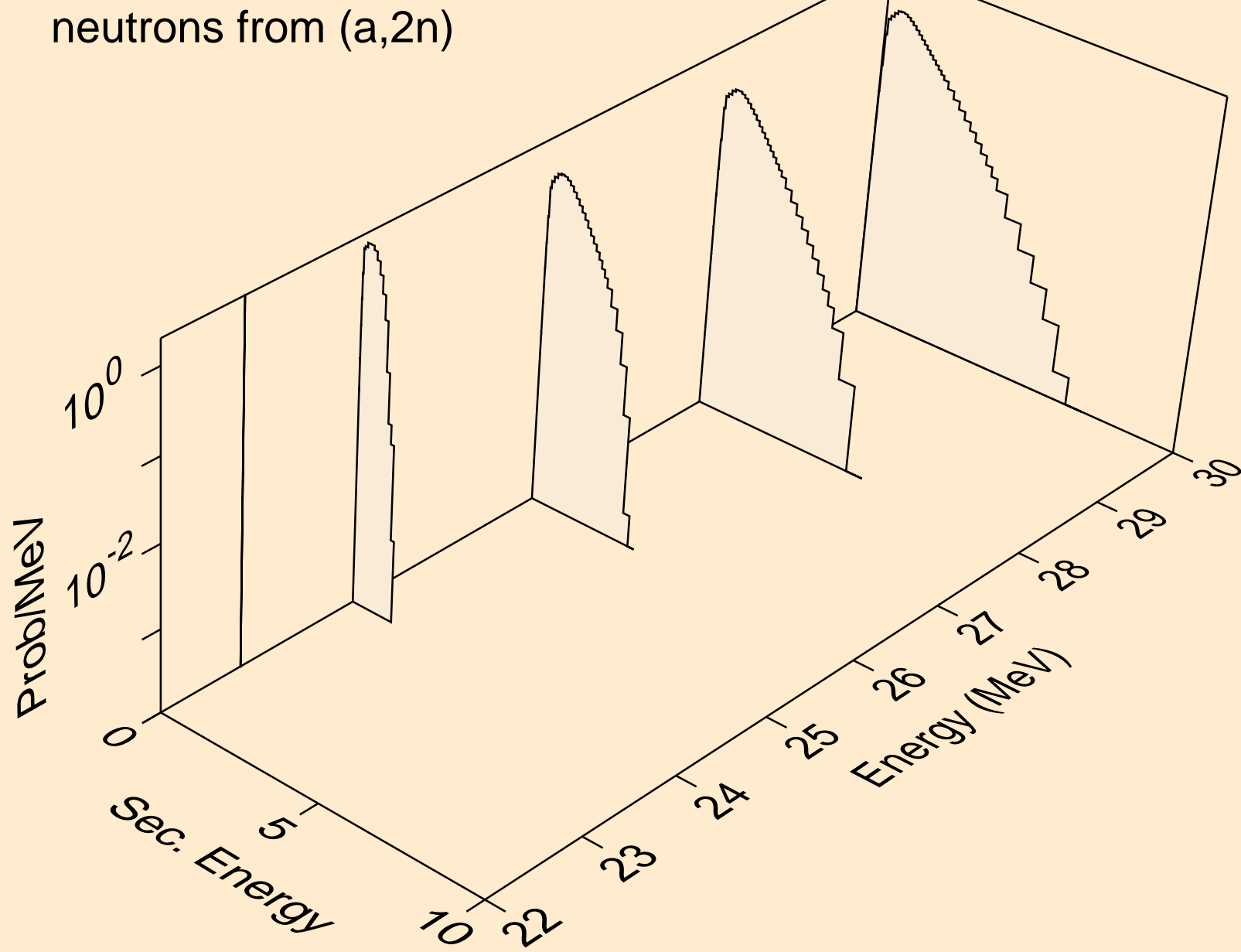
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



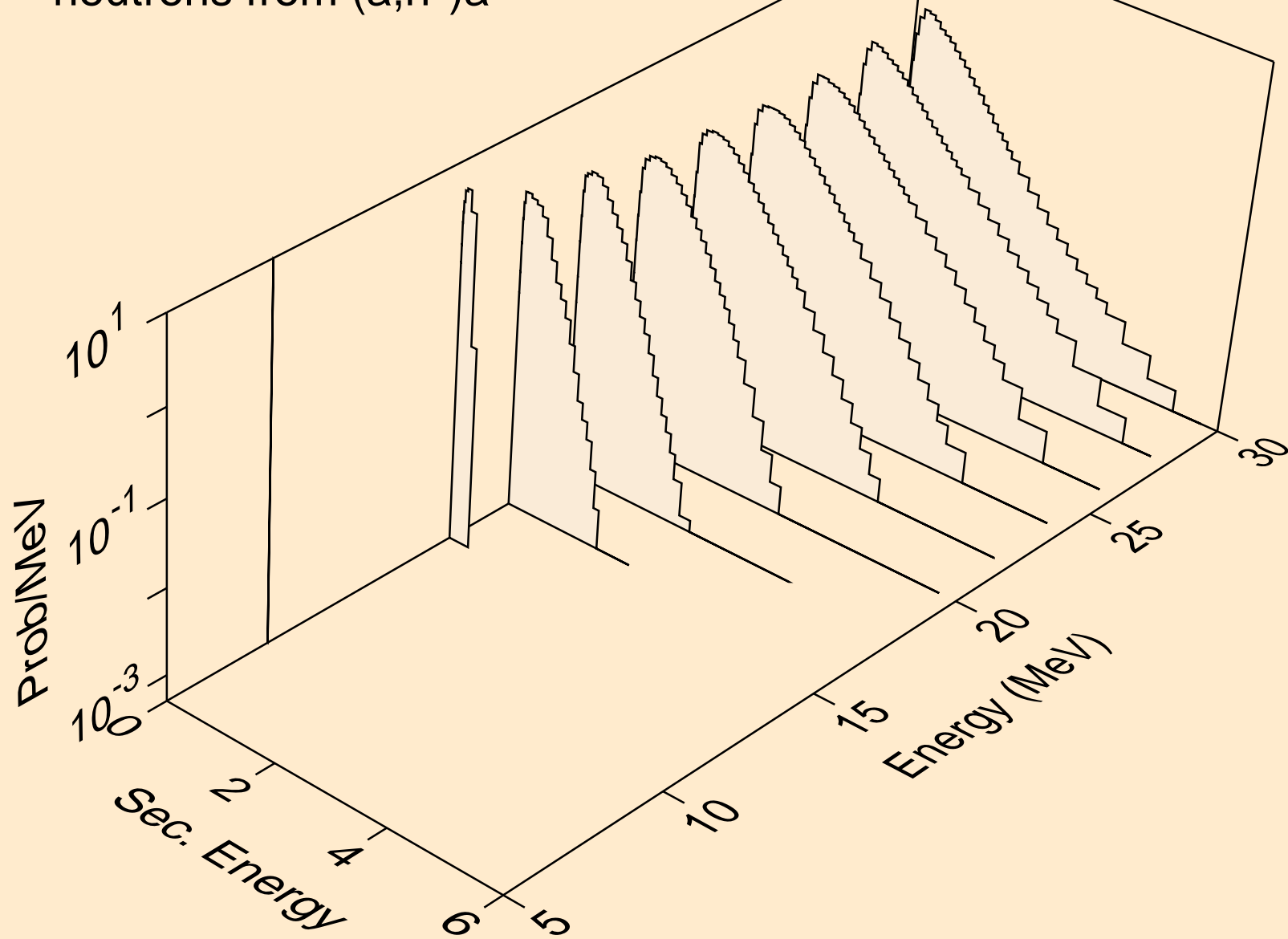
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



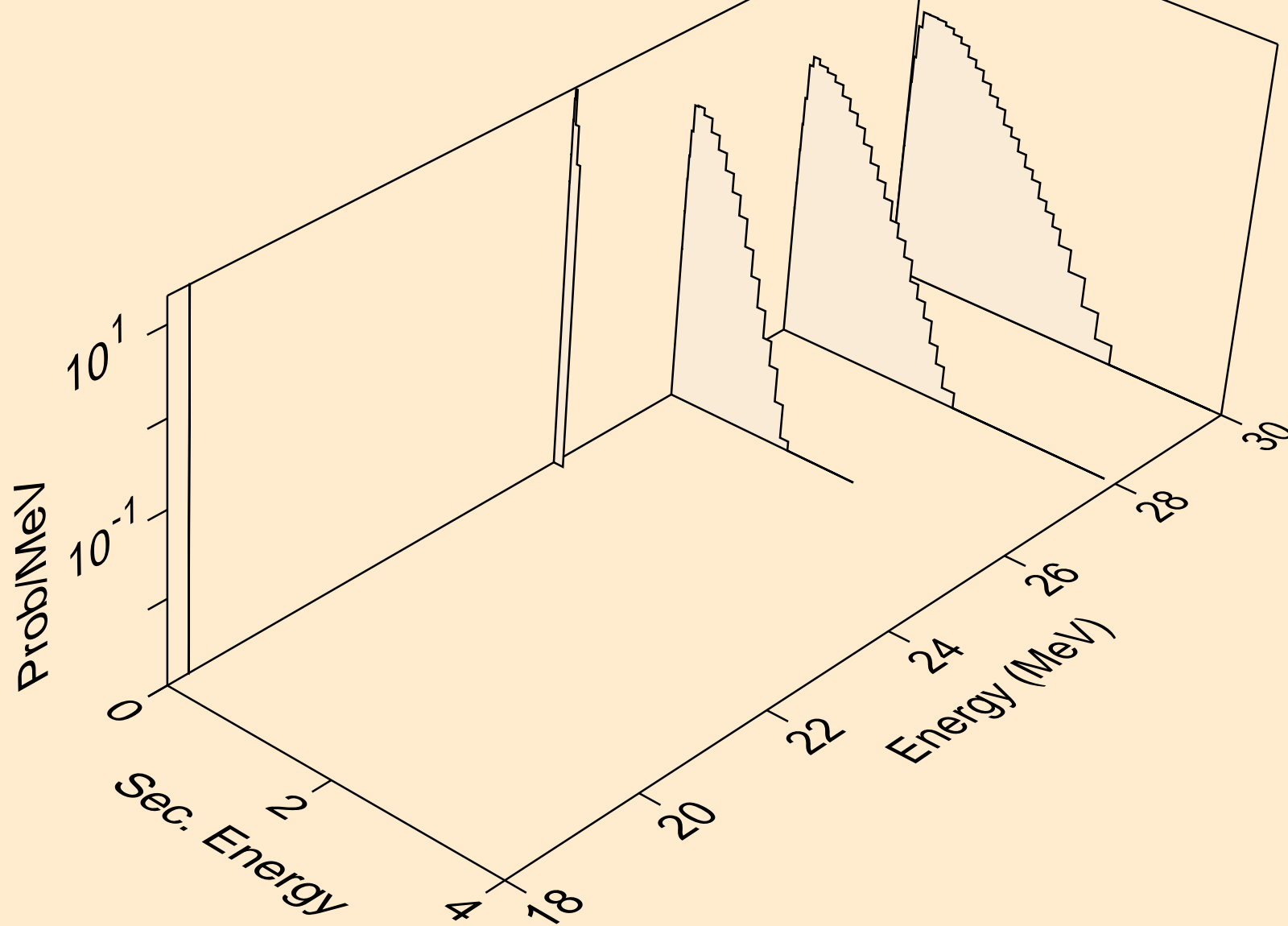
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



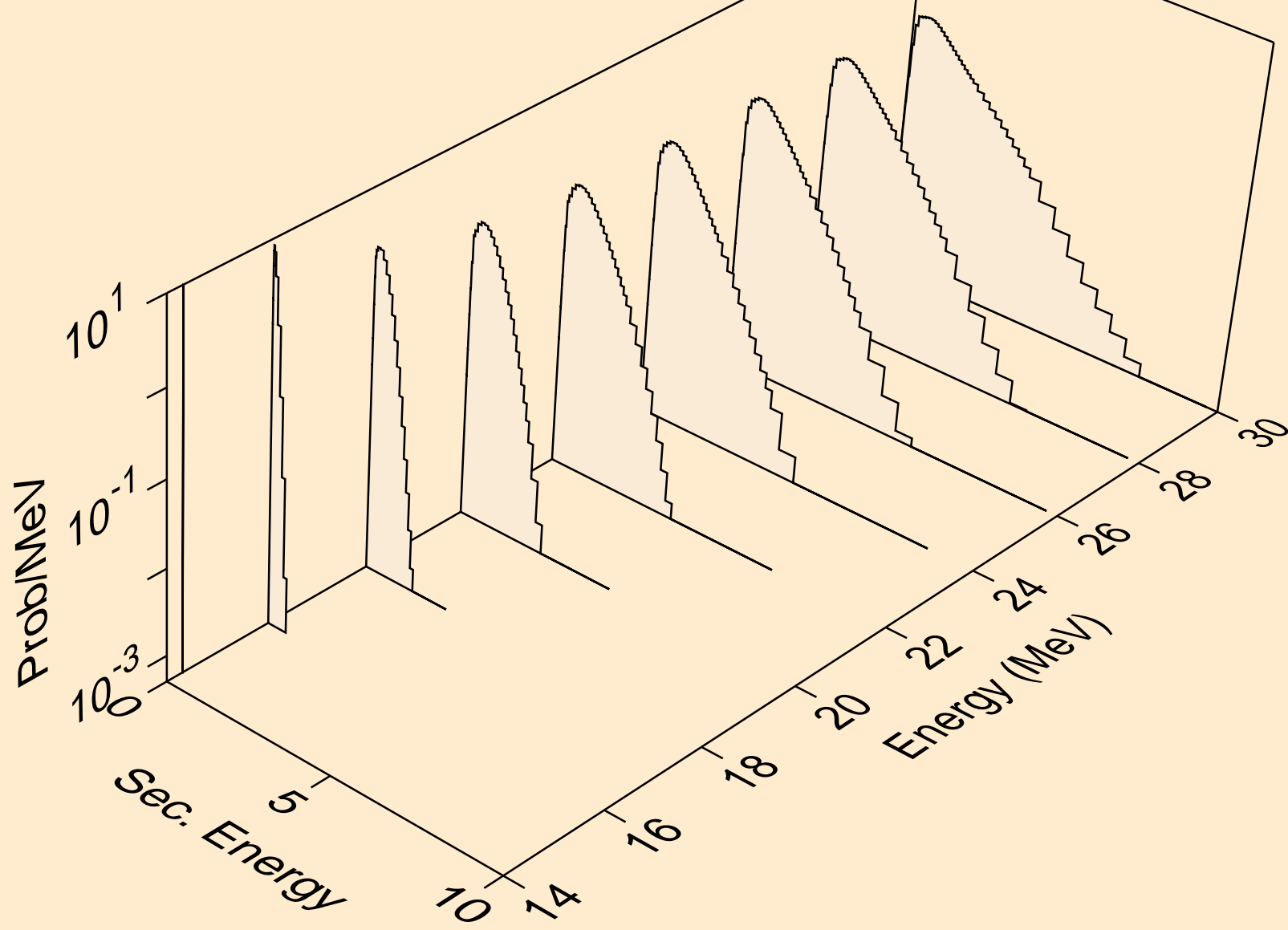
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

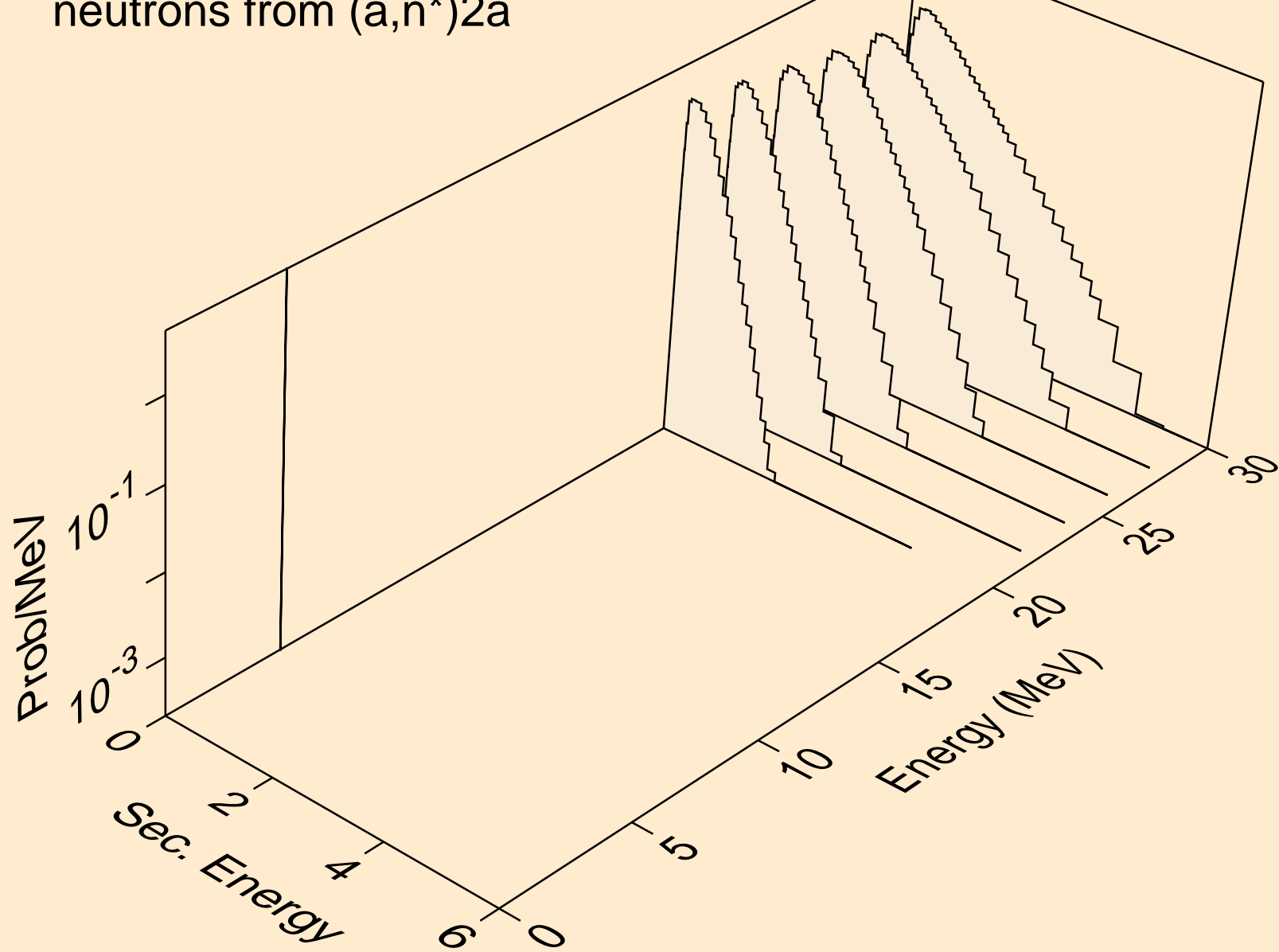


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

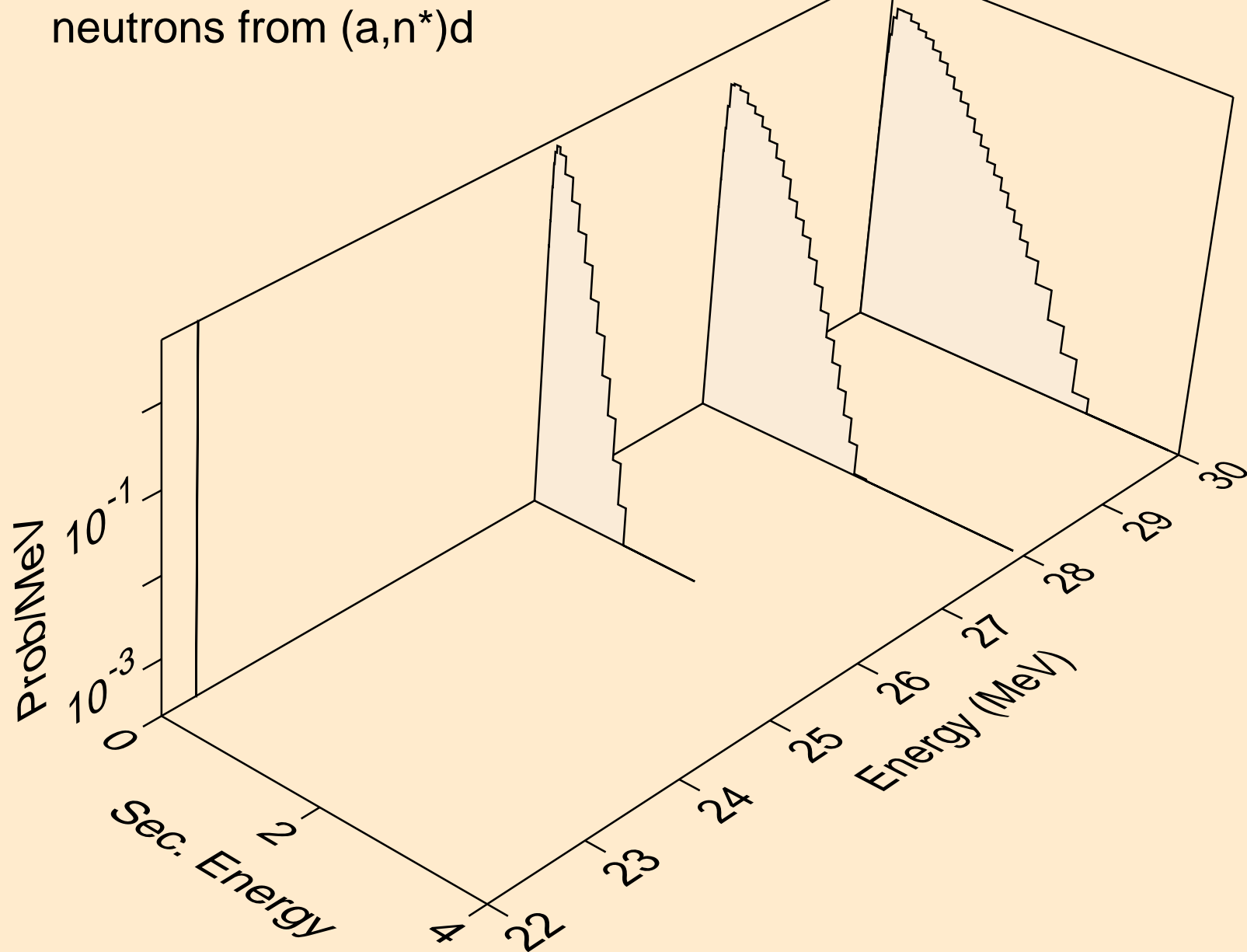




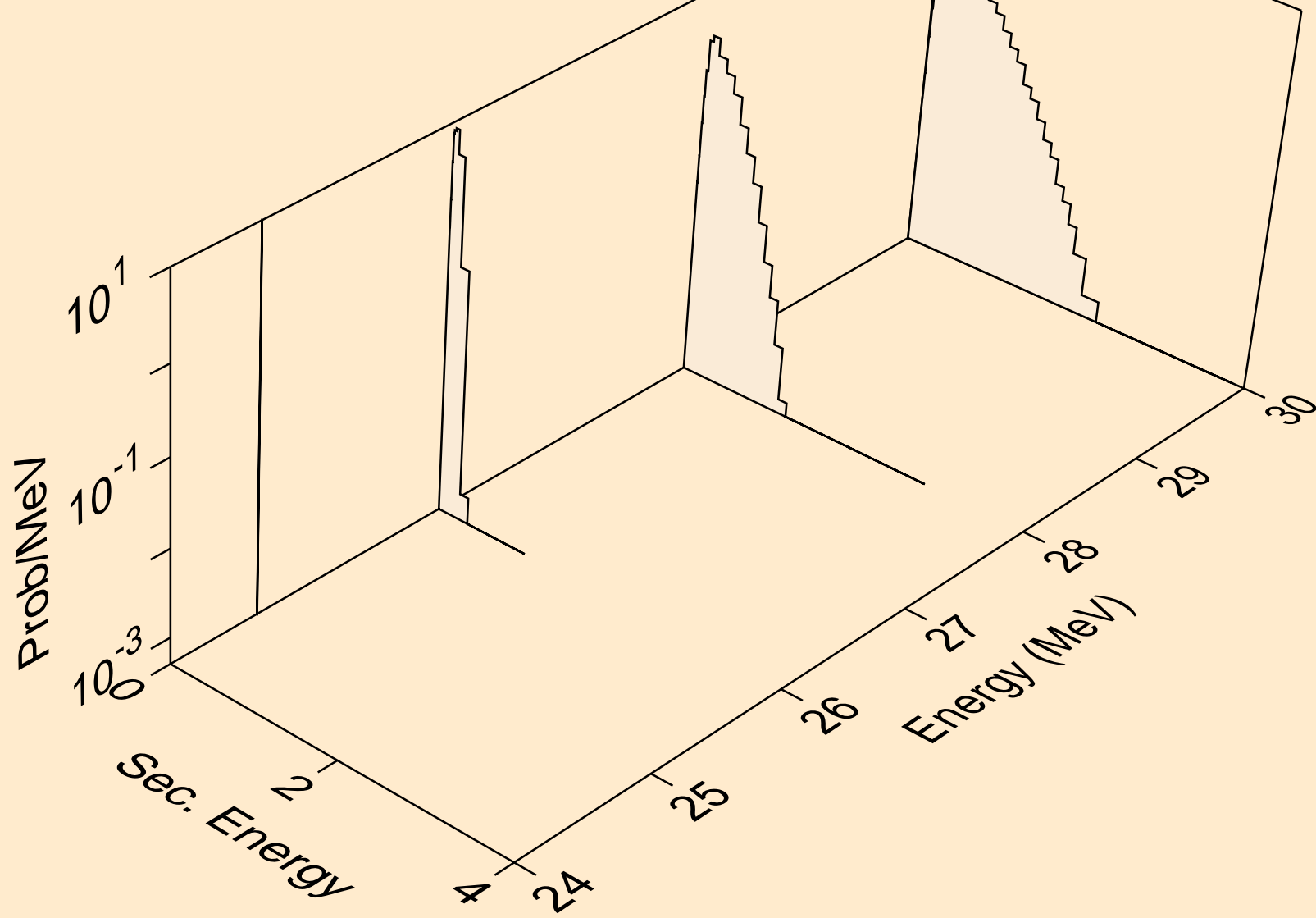
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



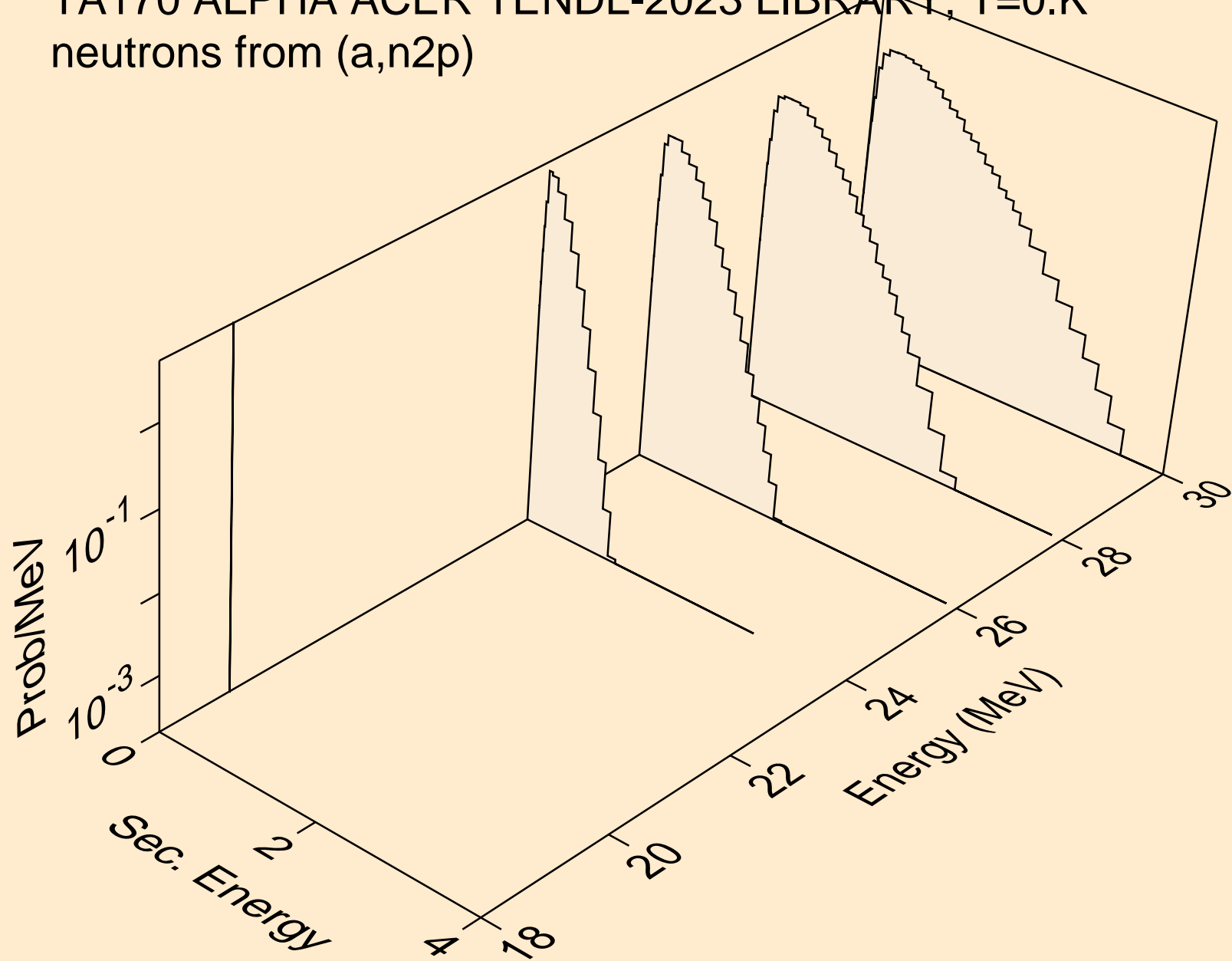
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



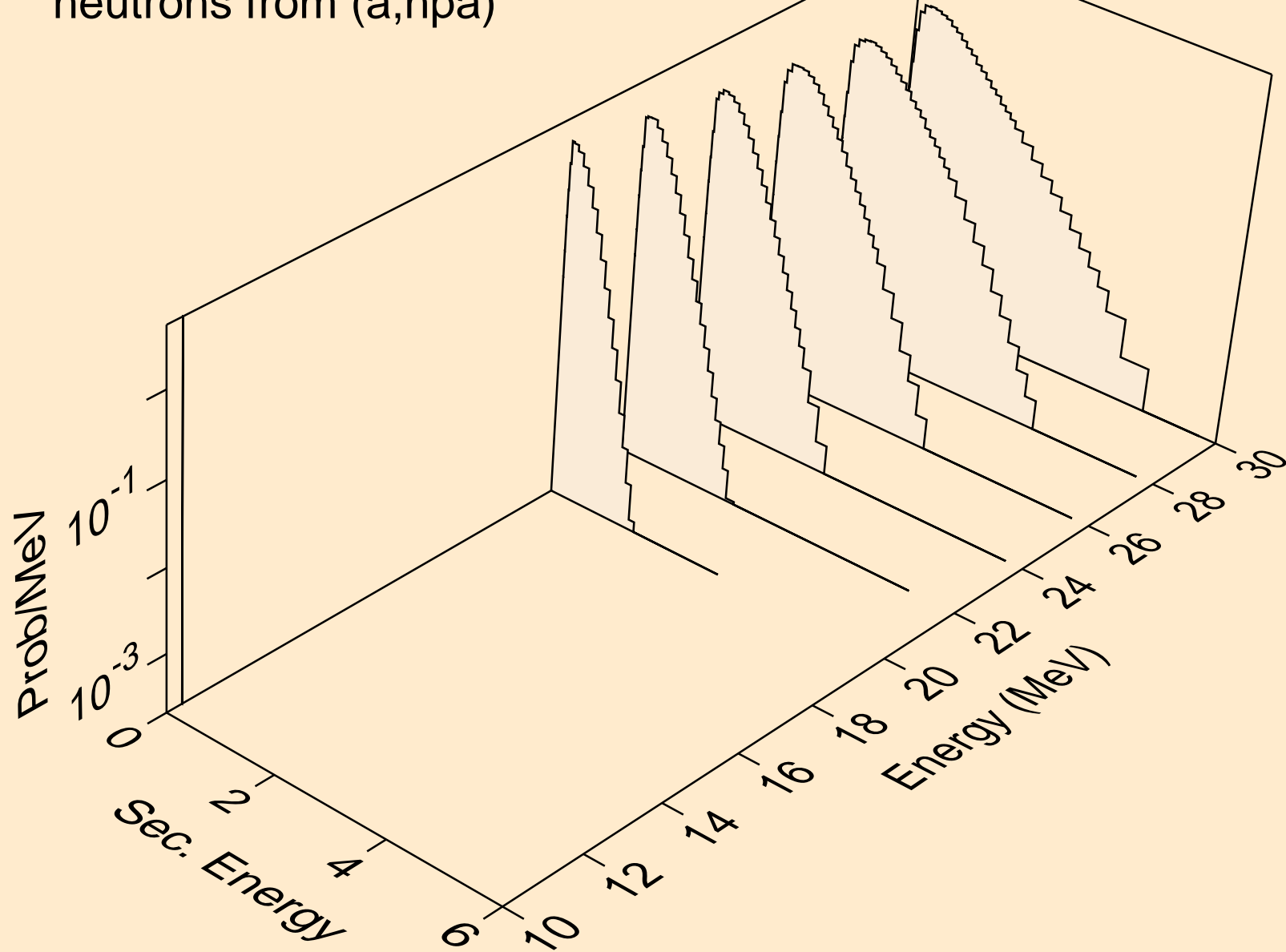
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



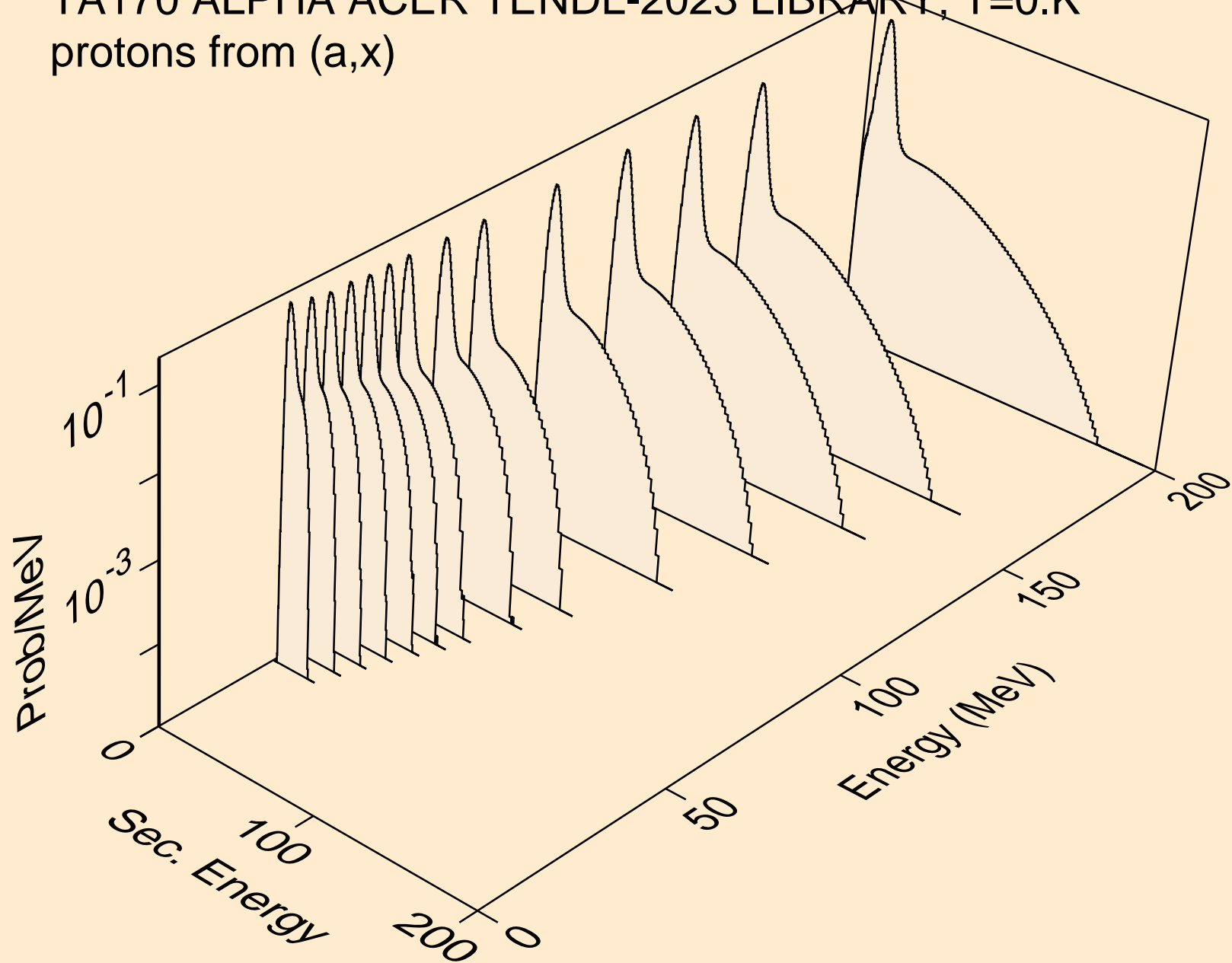
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



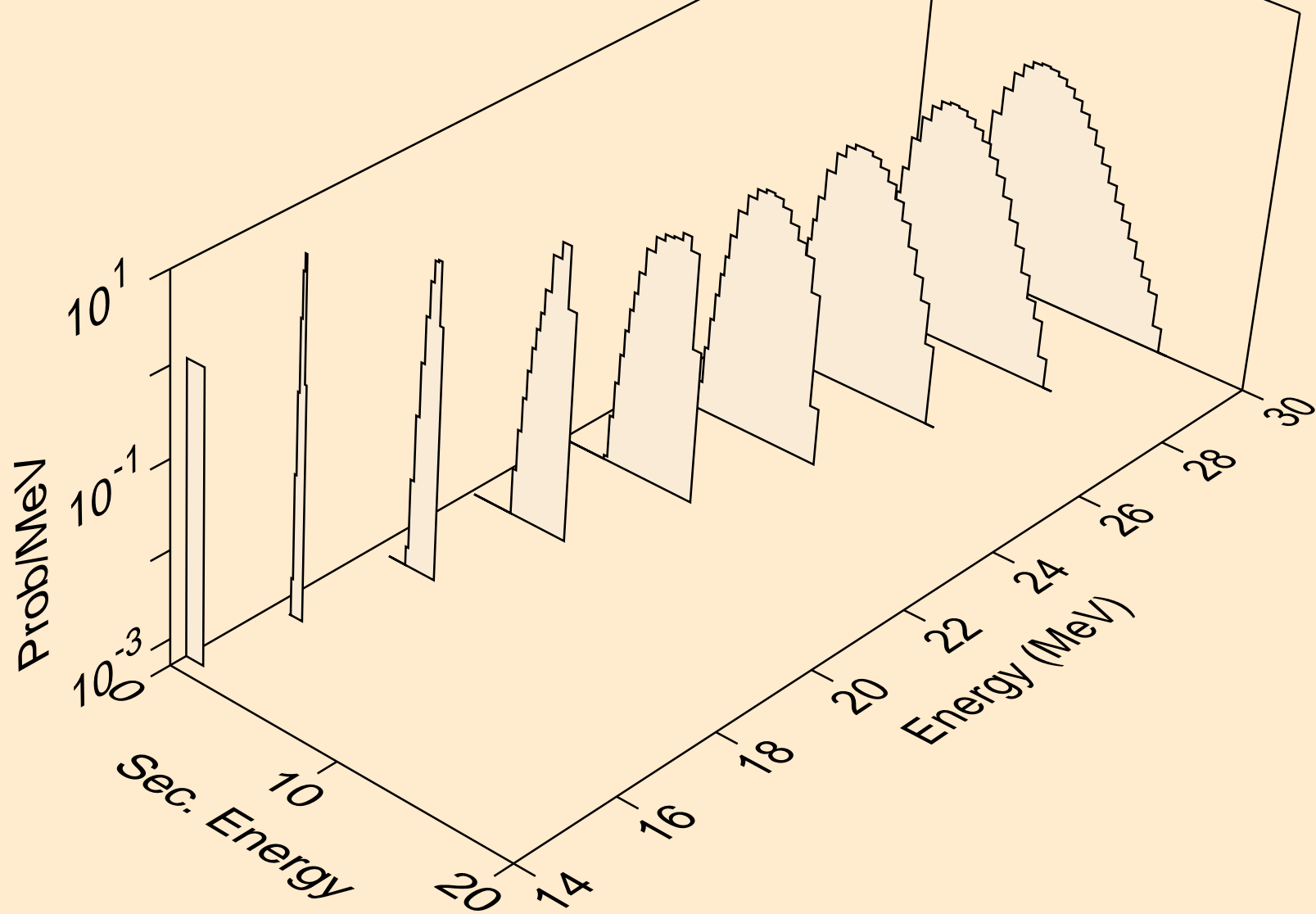
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



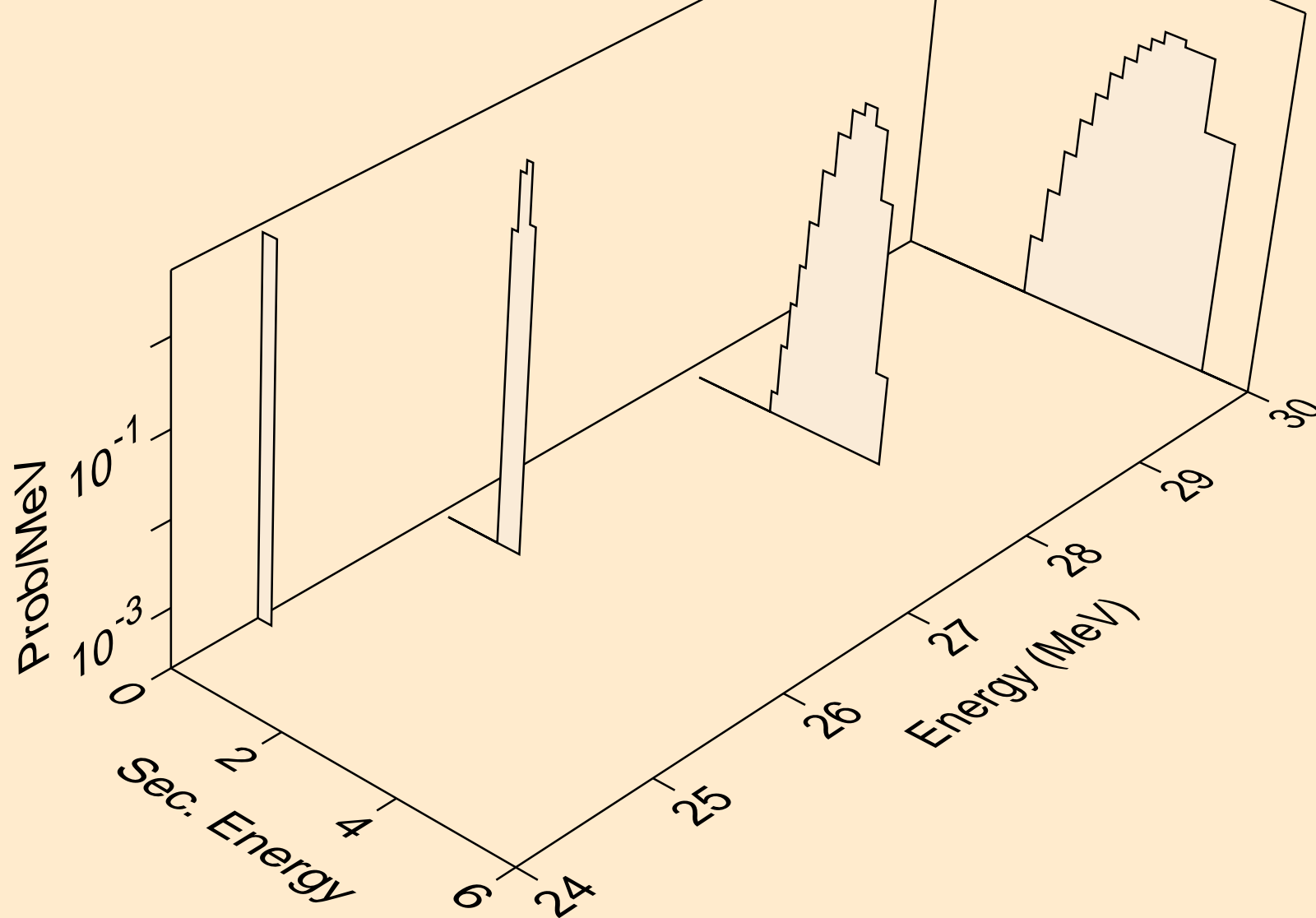
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

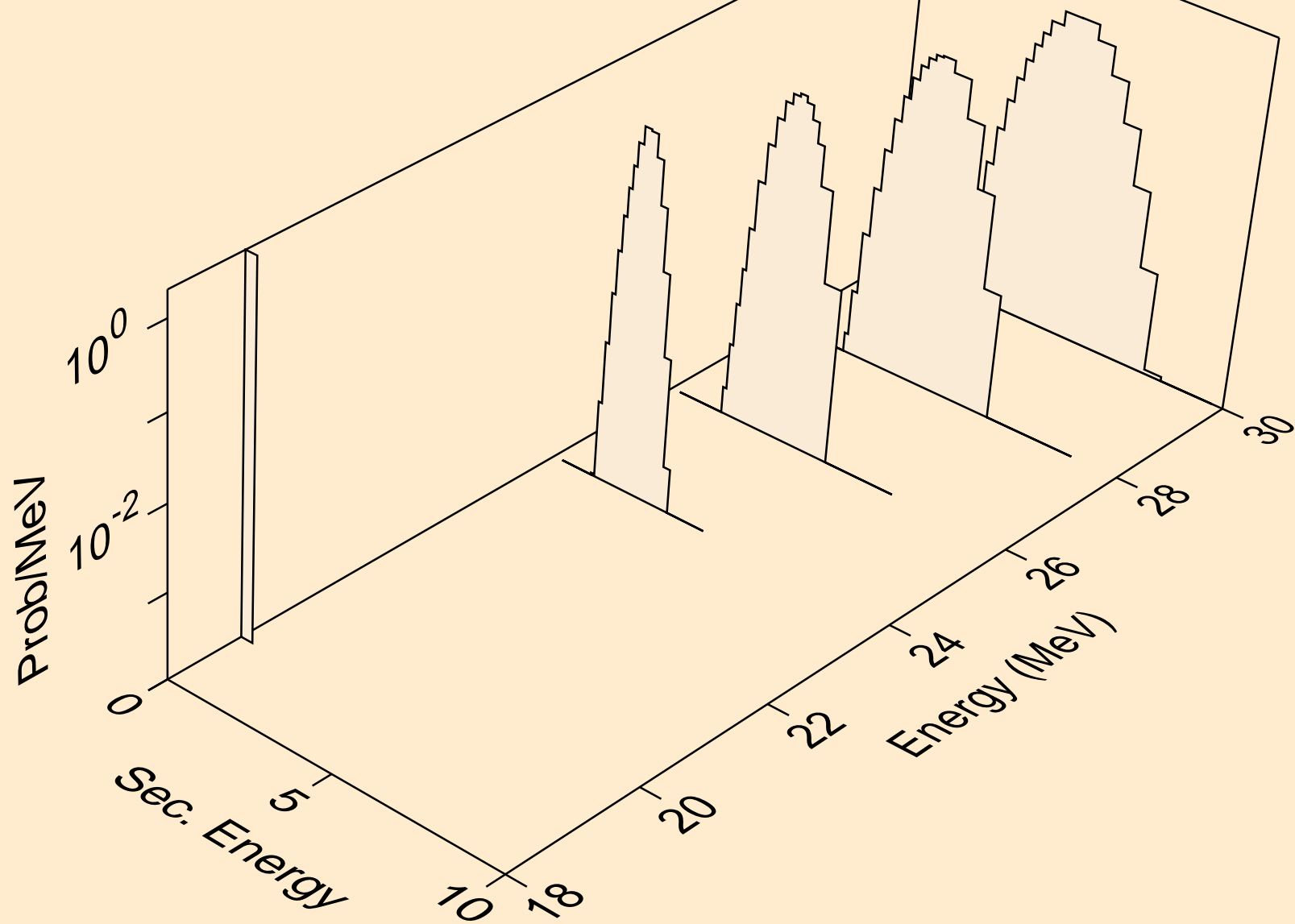


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

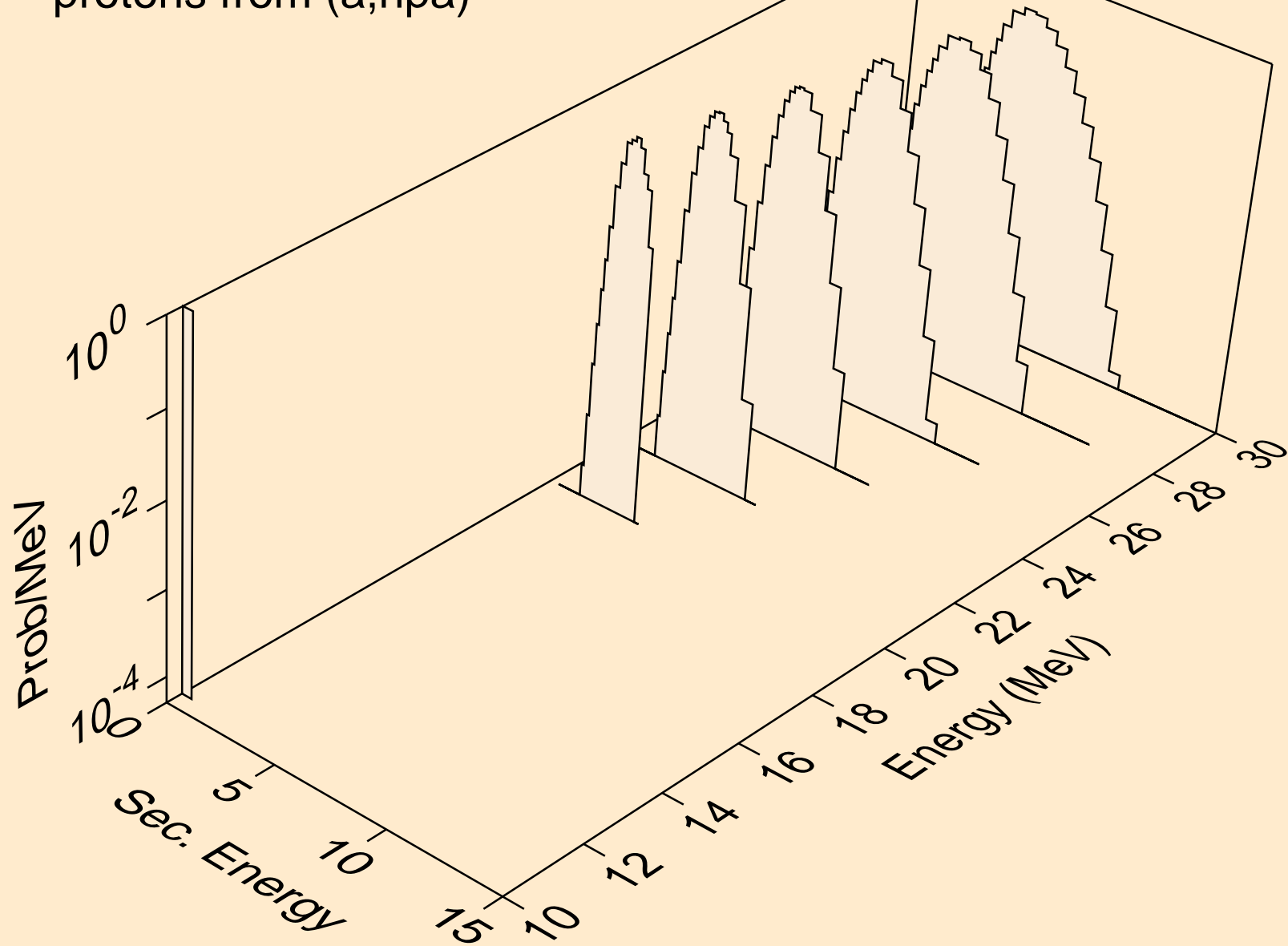




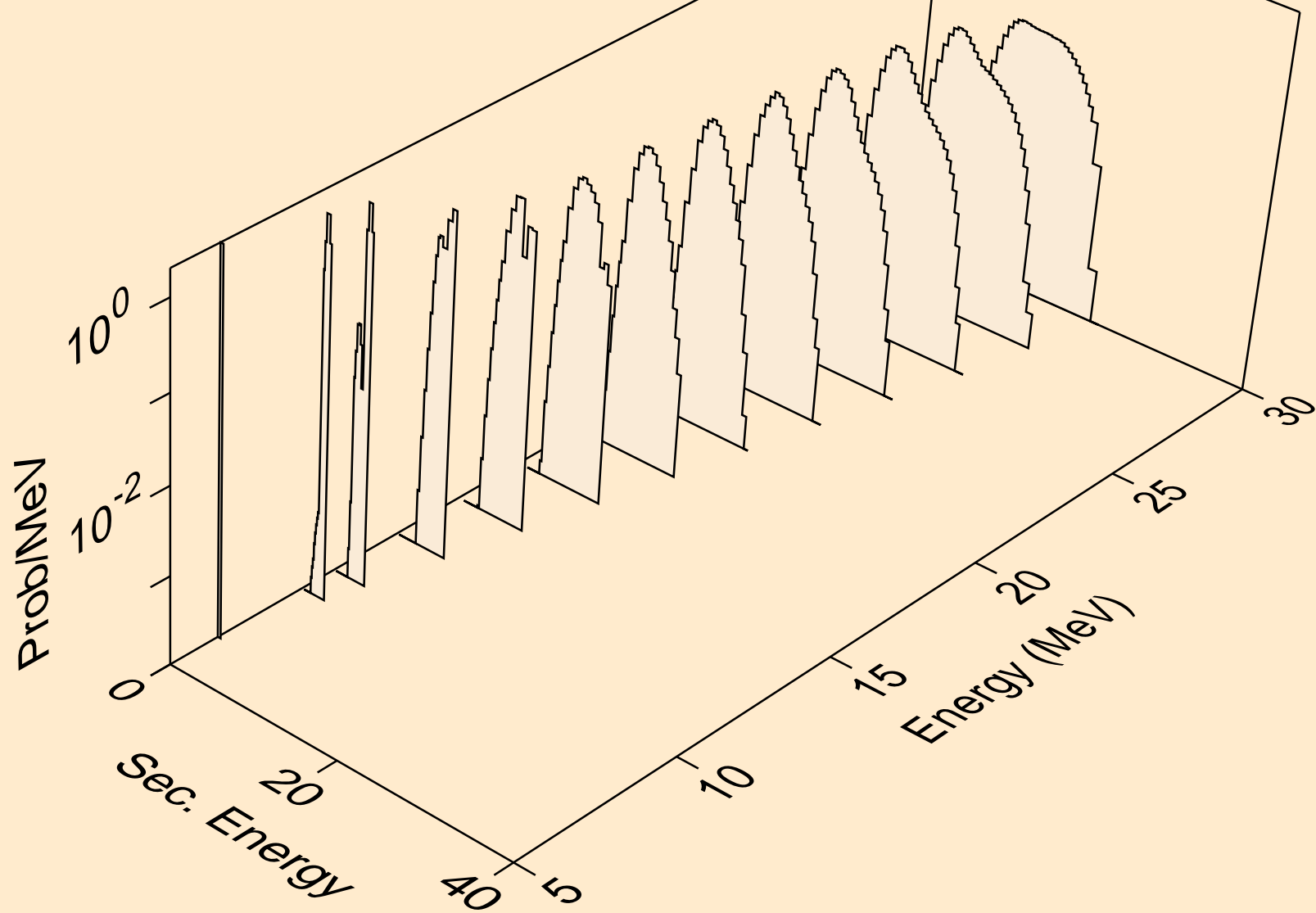
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



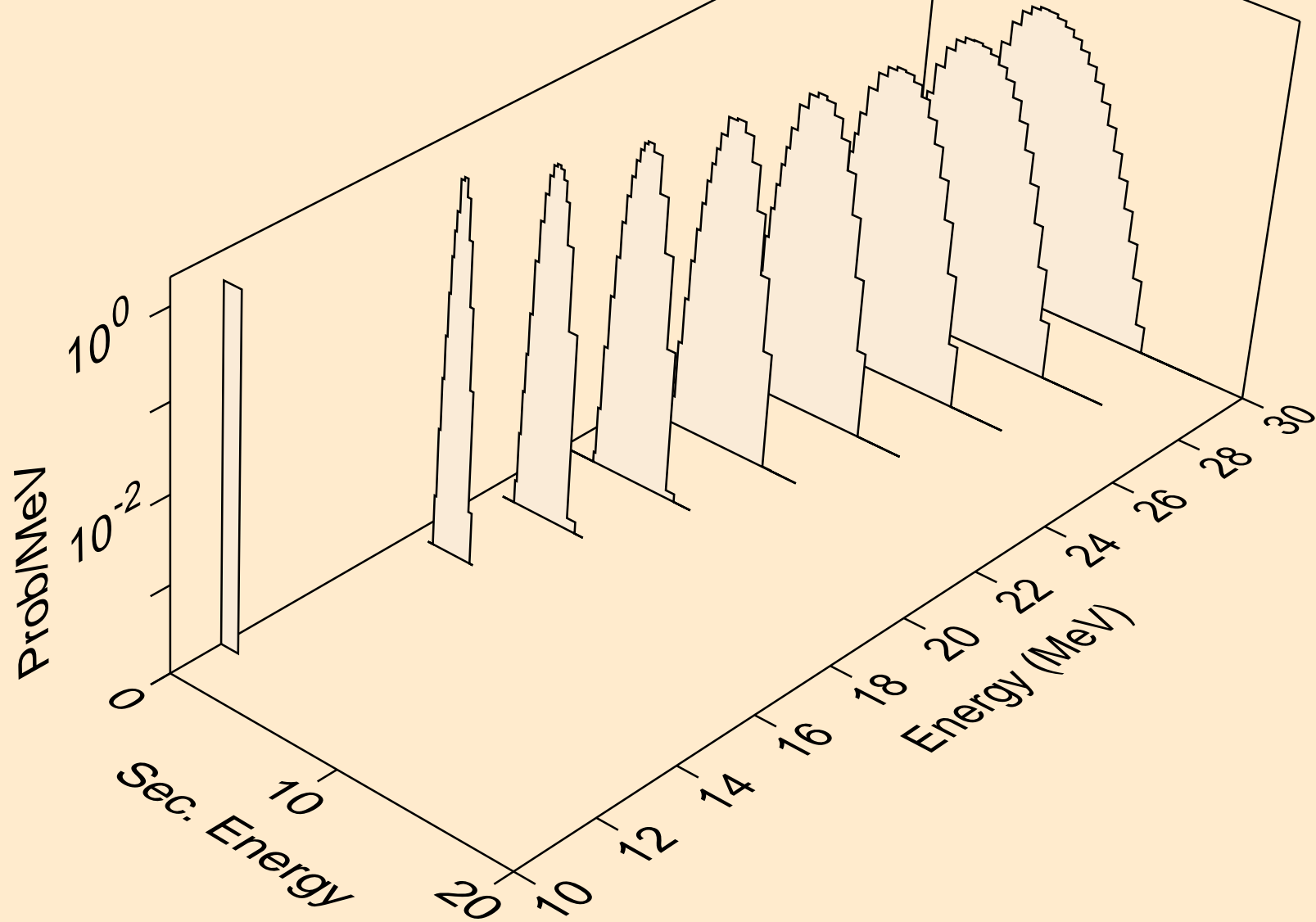
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



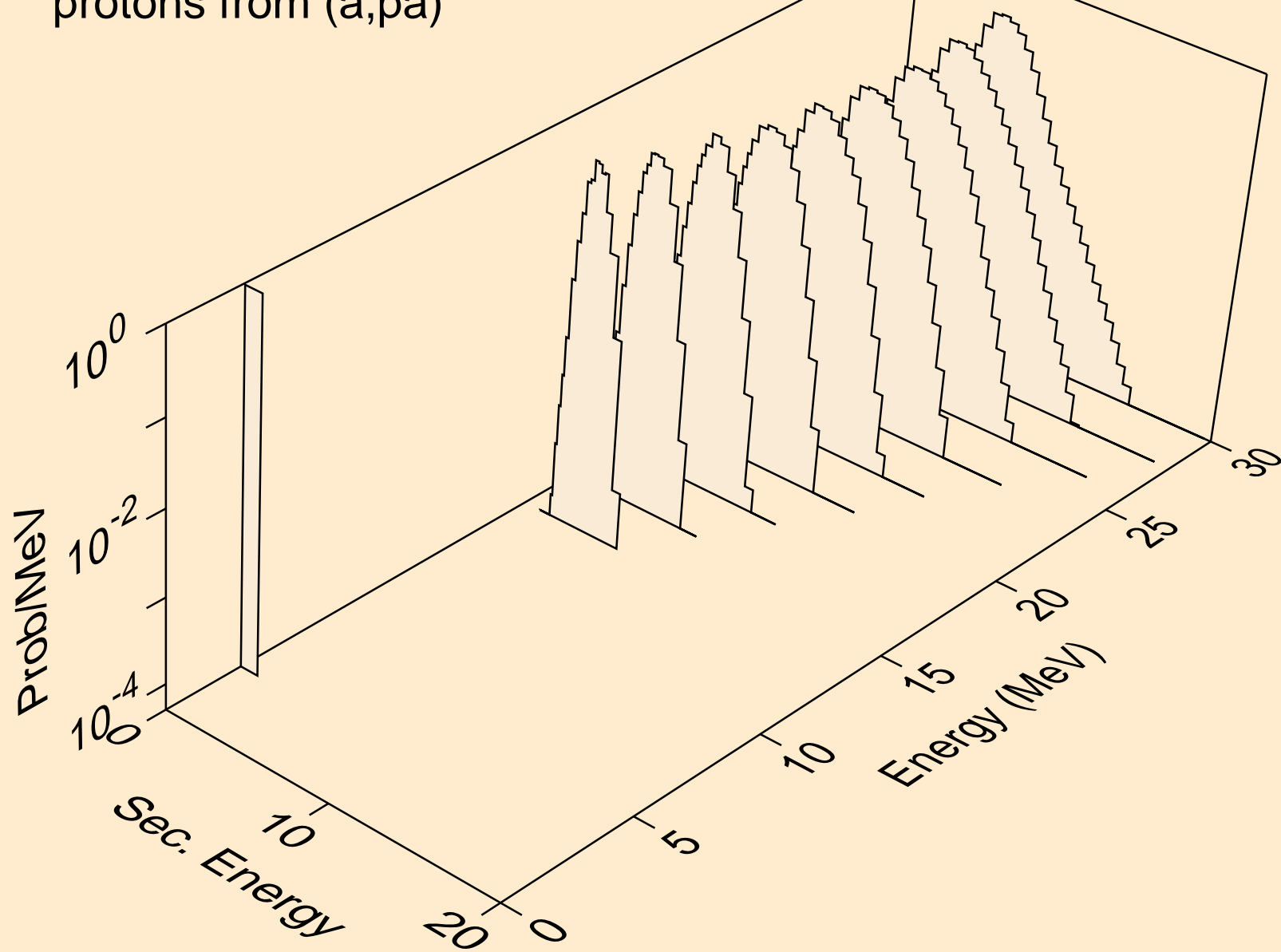
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



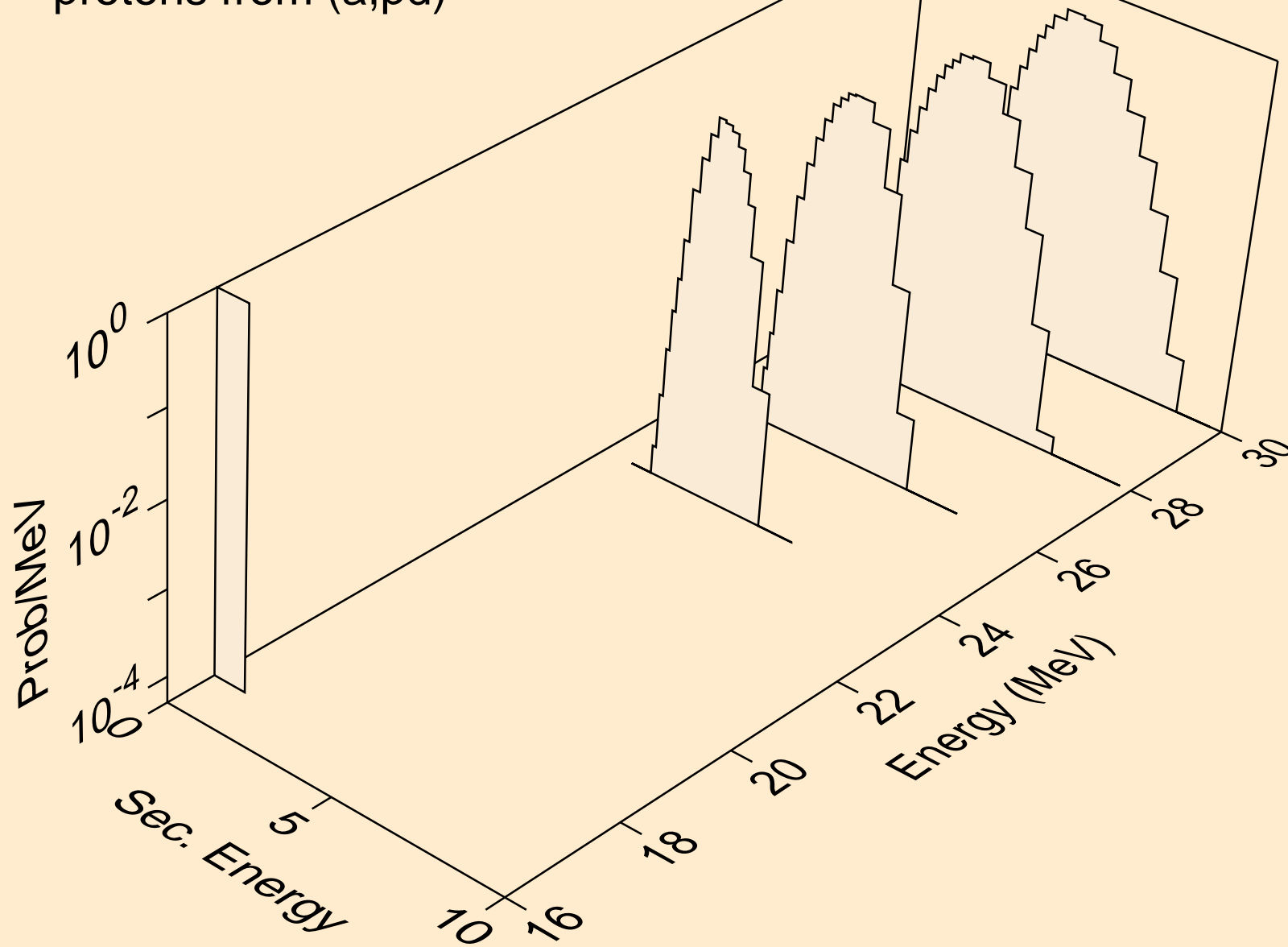
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



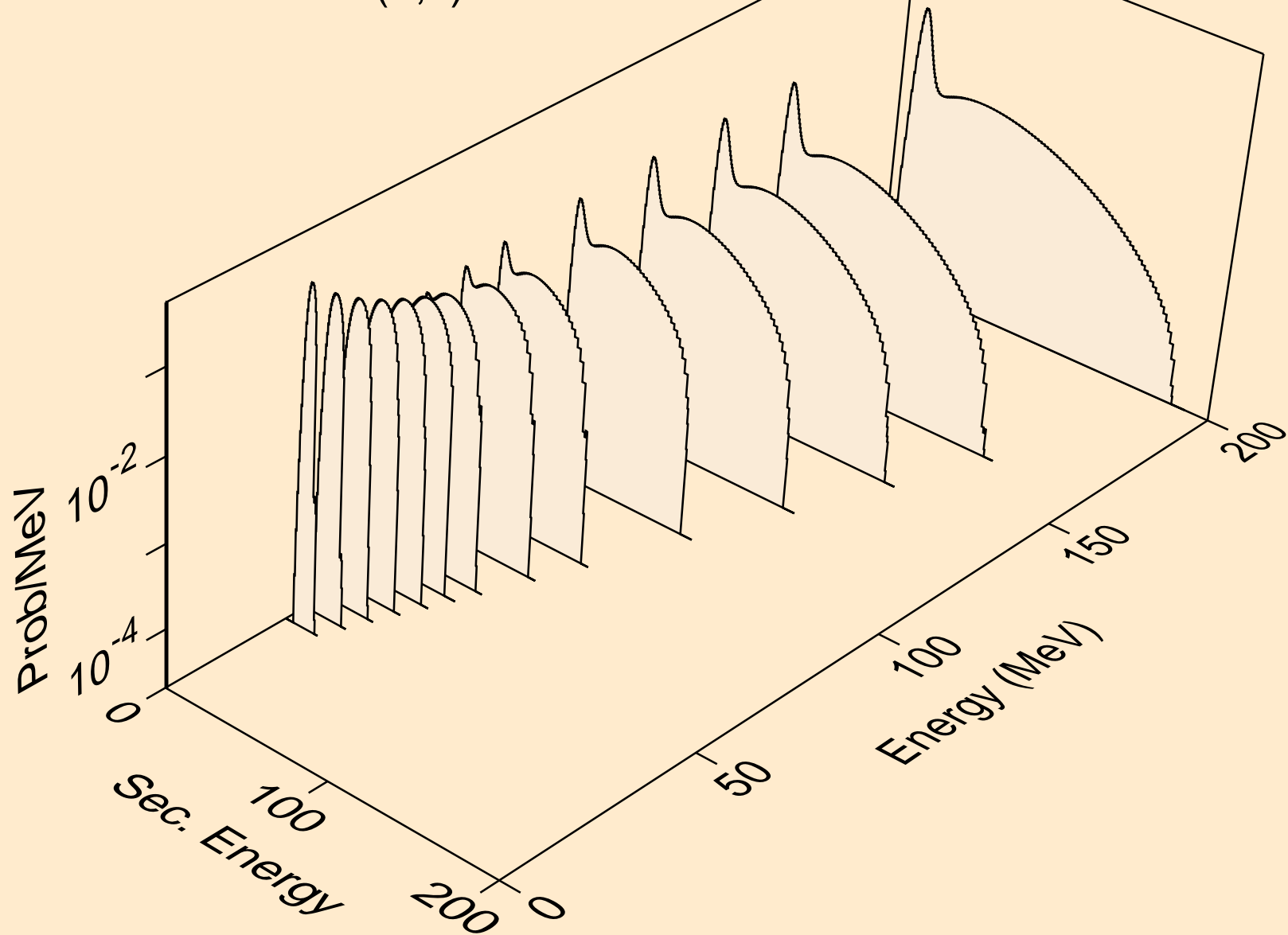
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



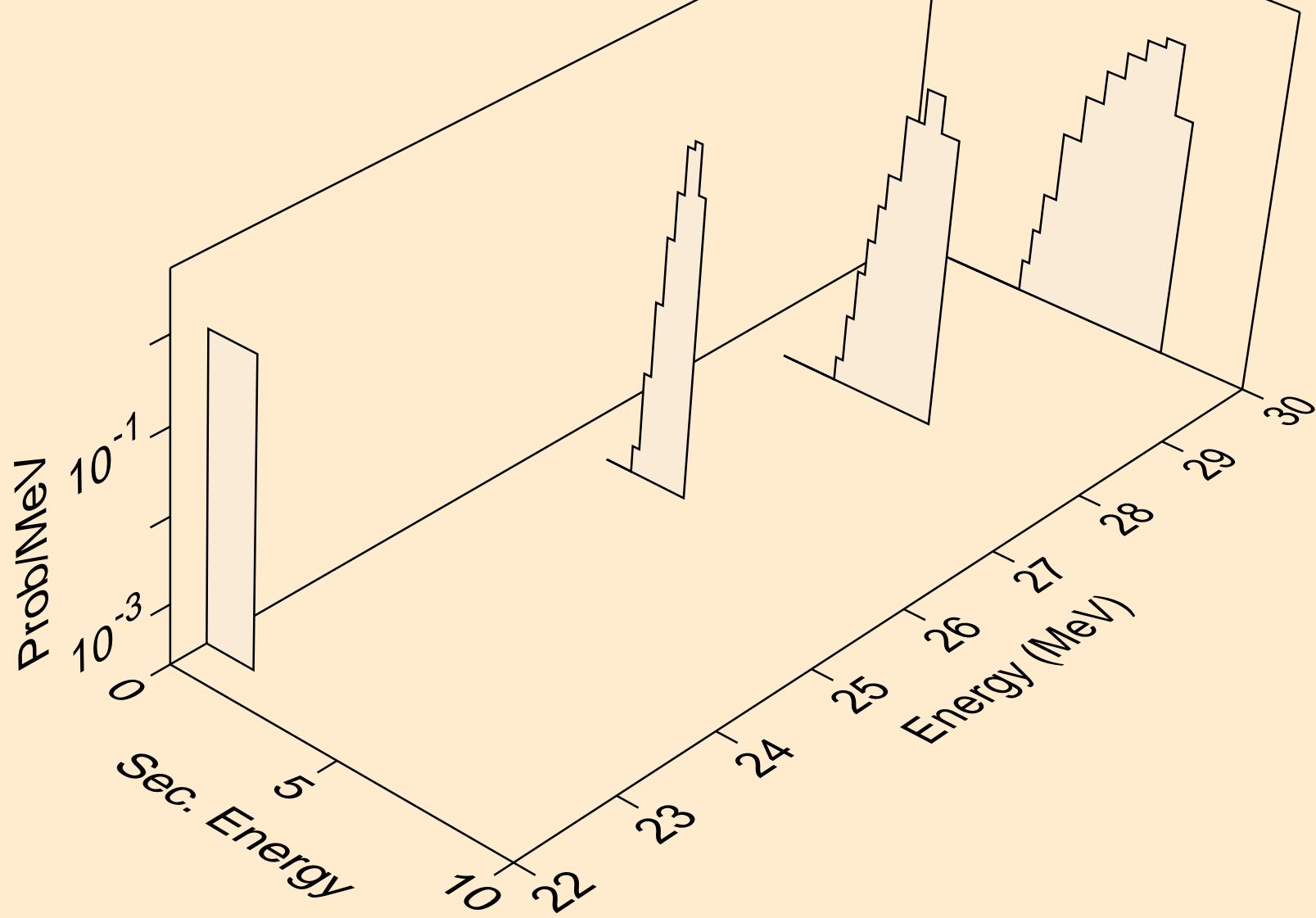
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

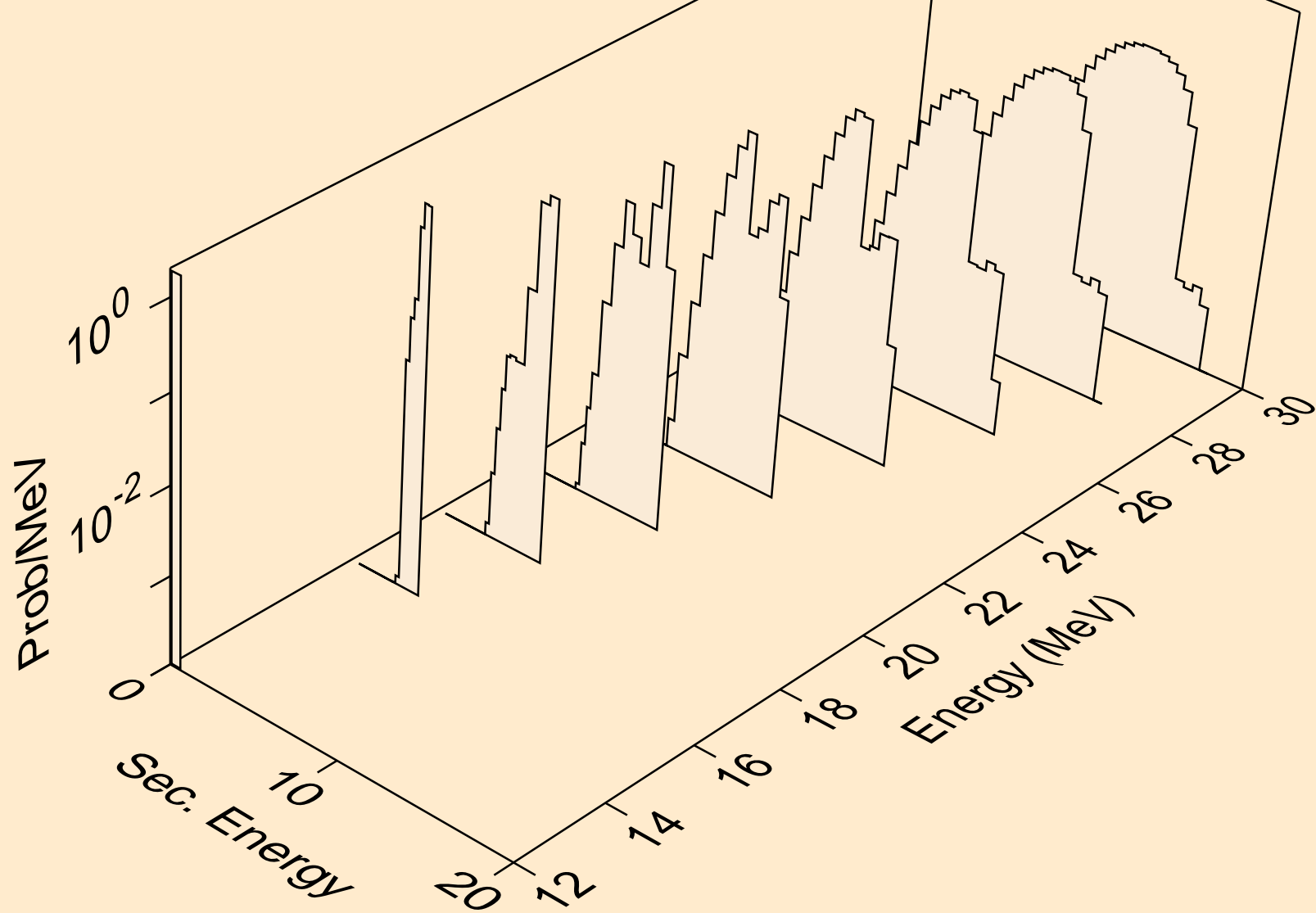


TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d

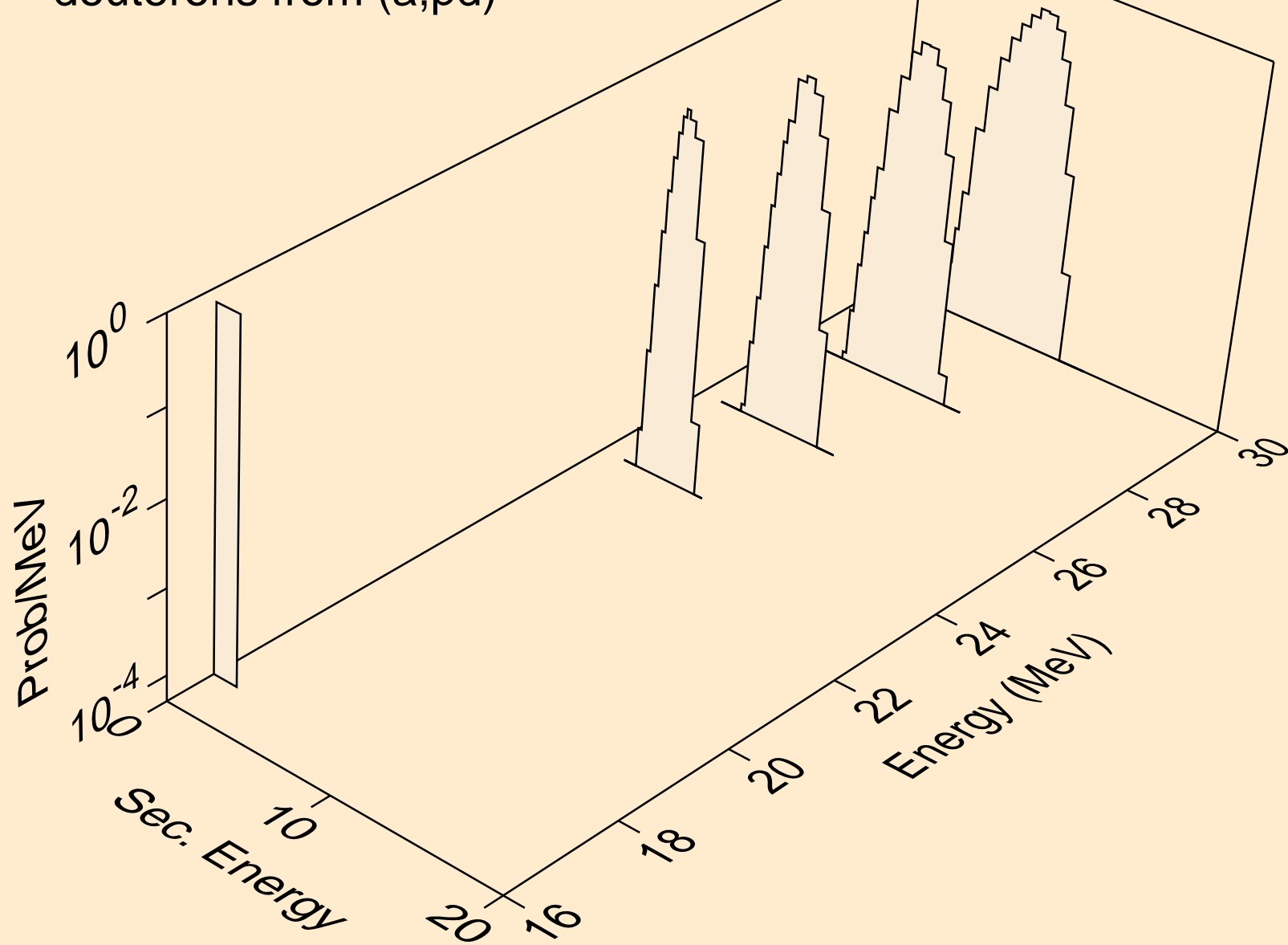




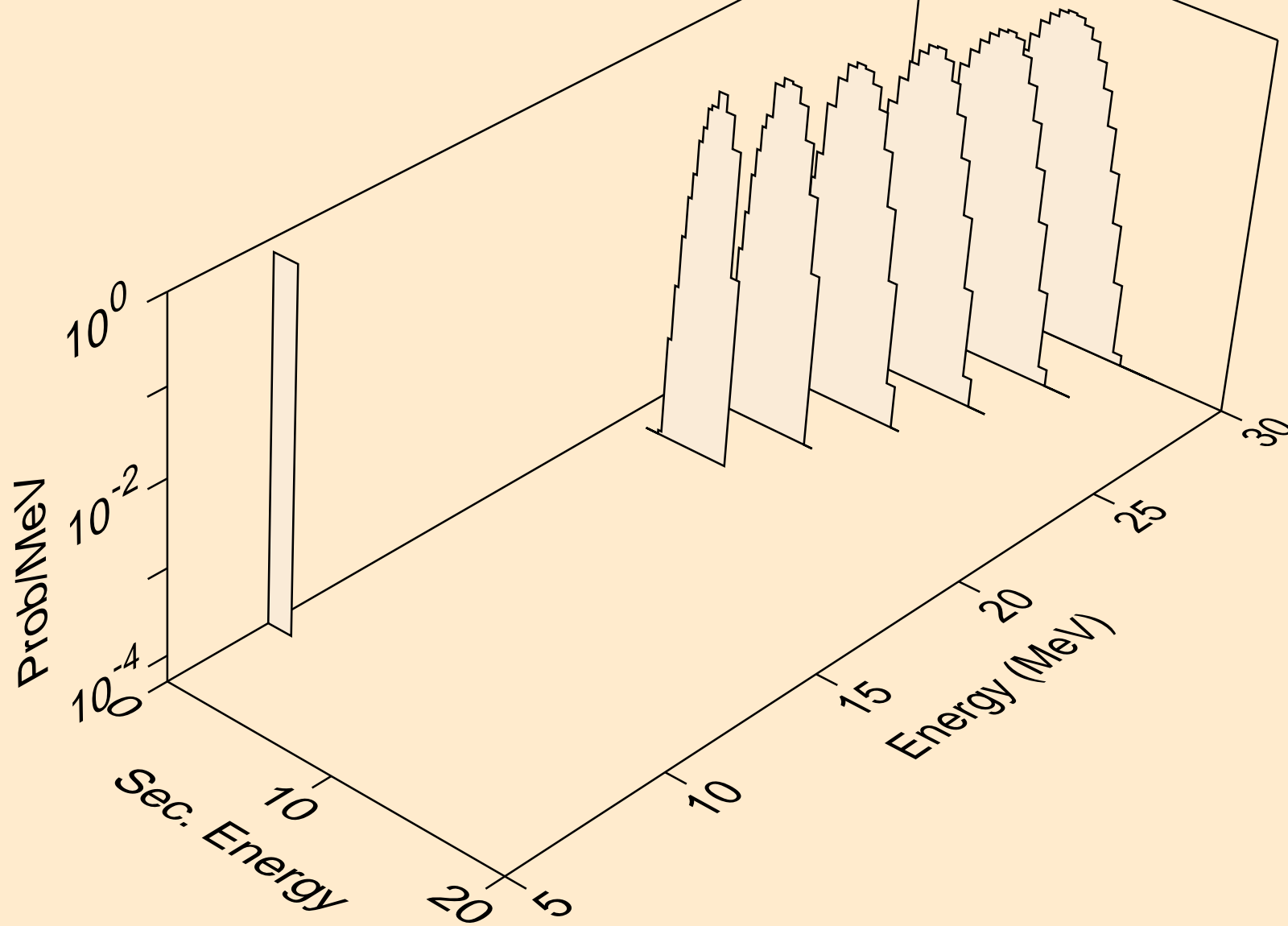
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



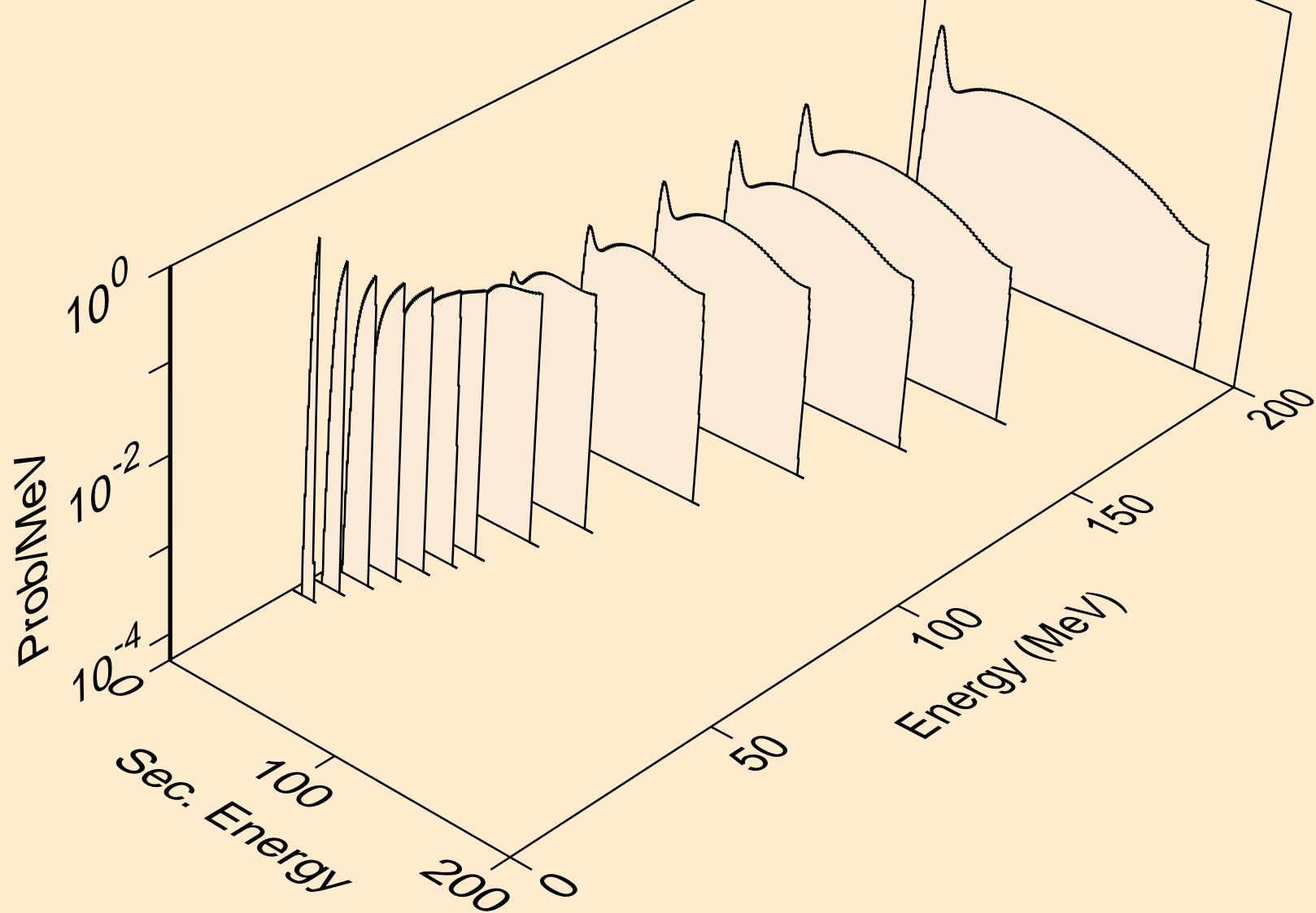
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



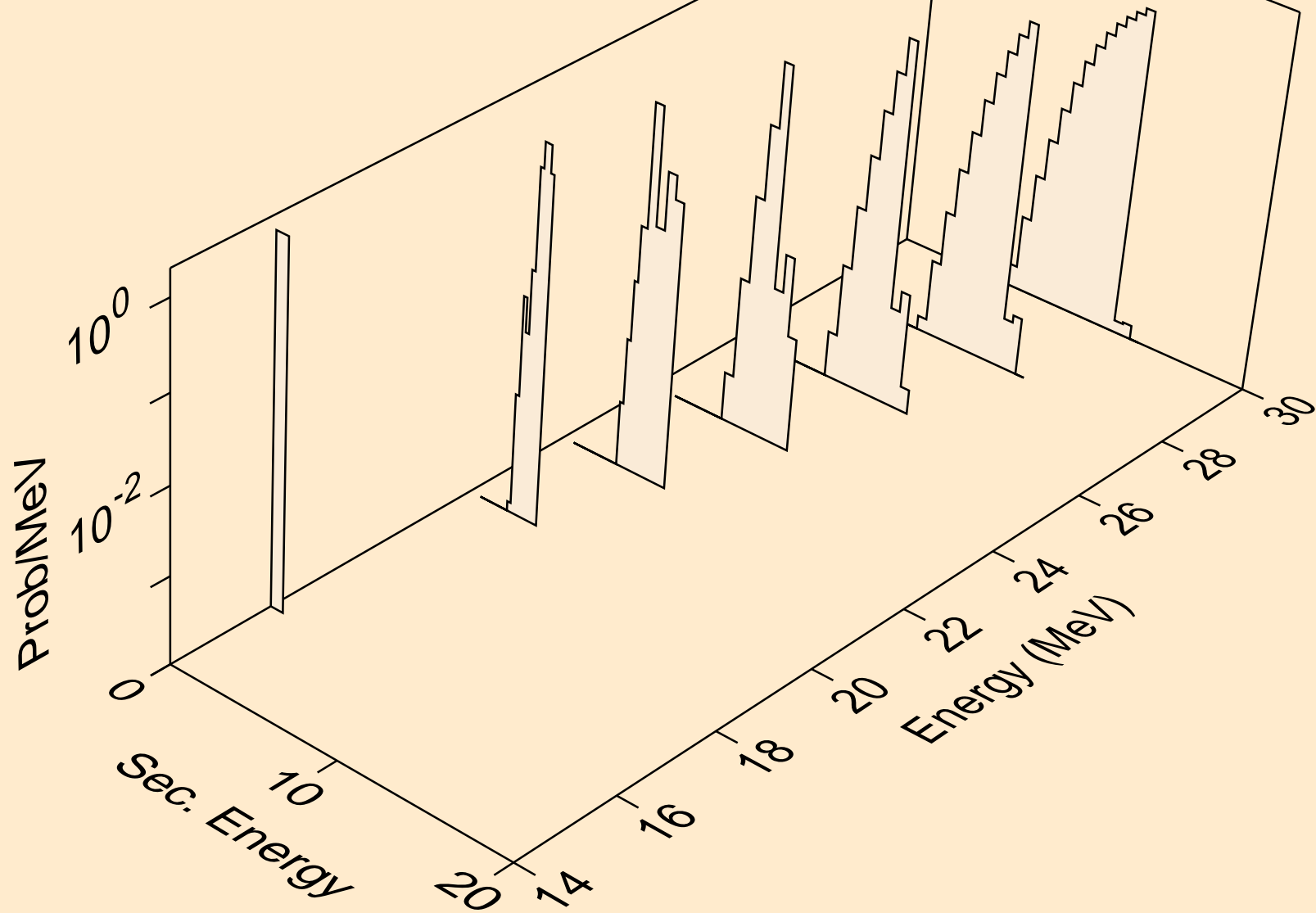
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



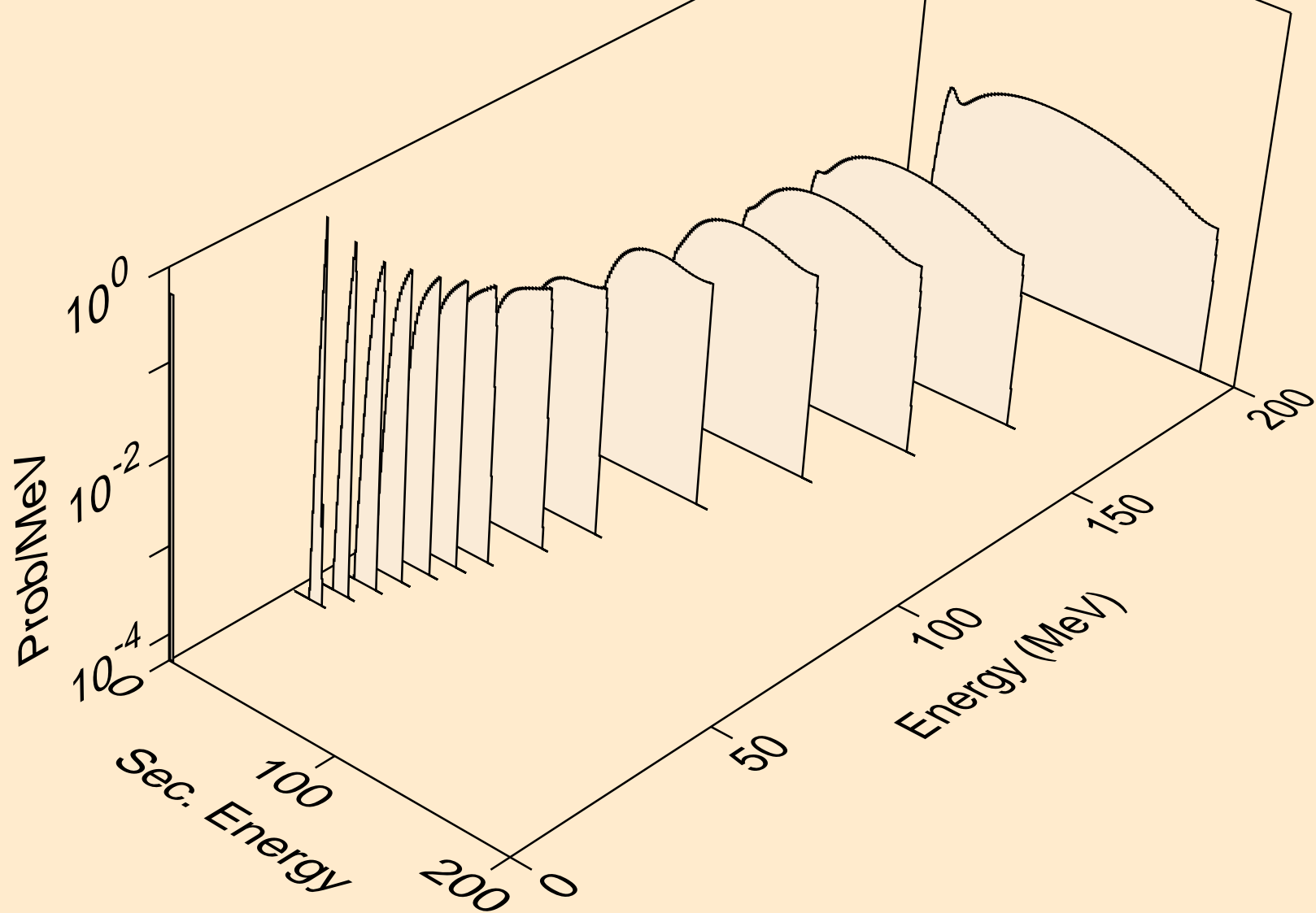
TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



TA170 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

