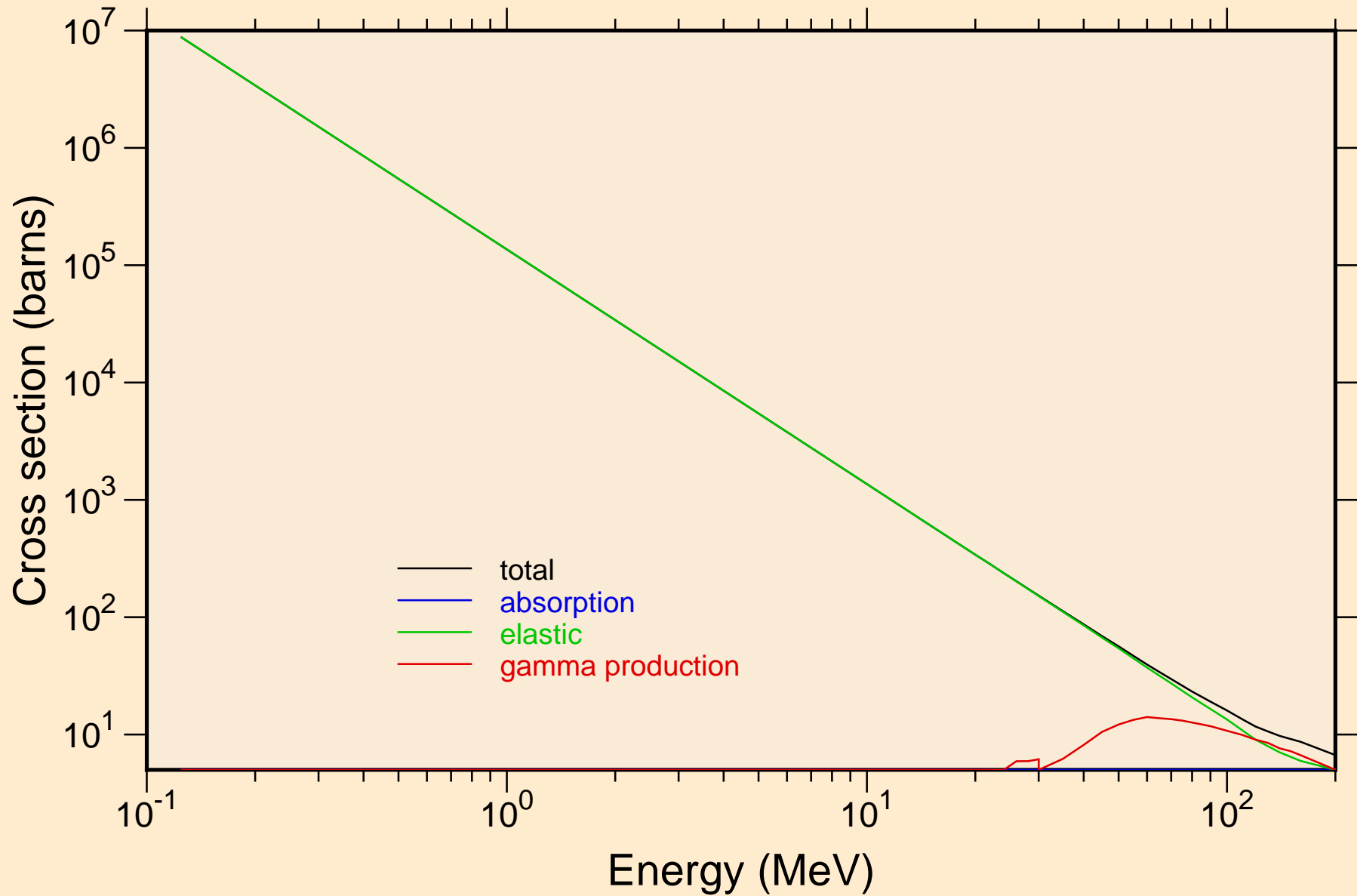
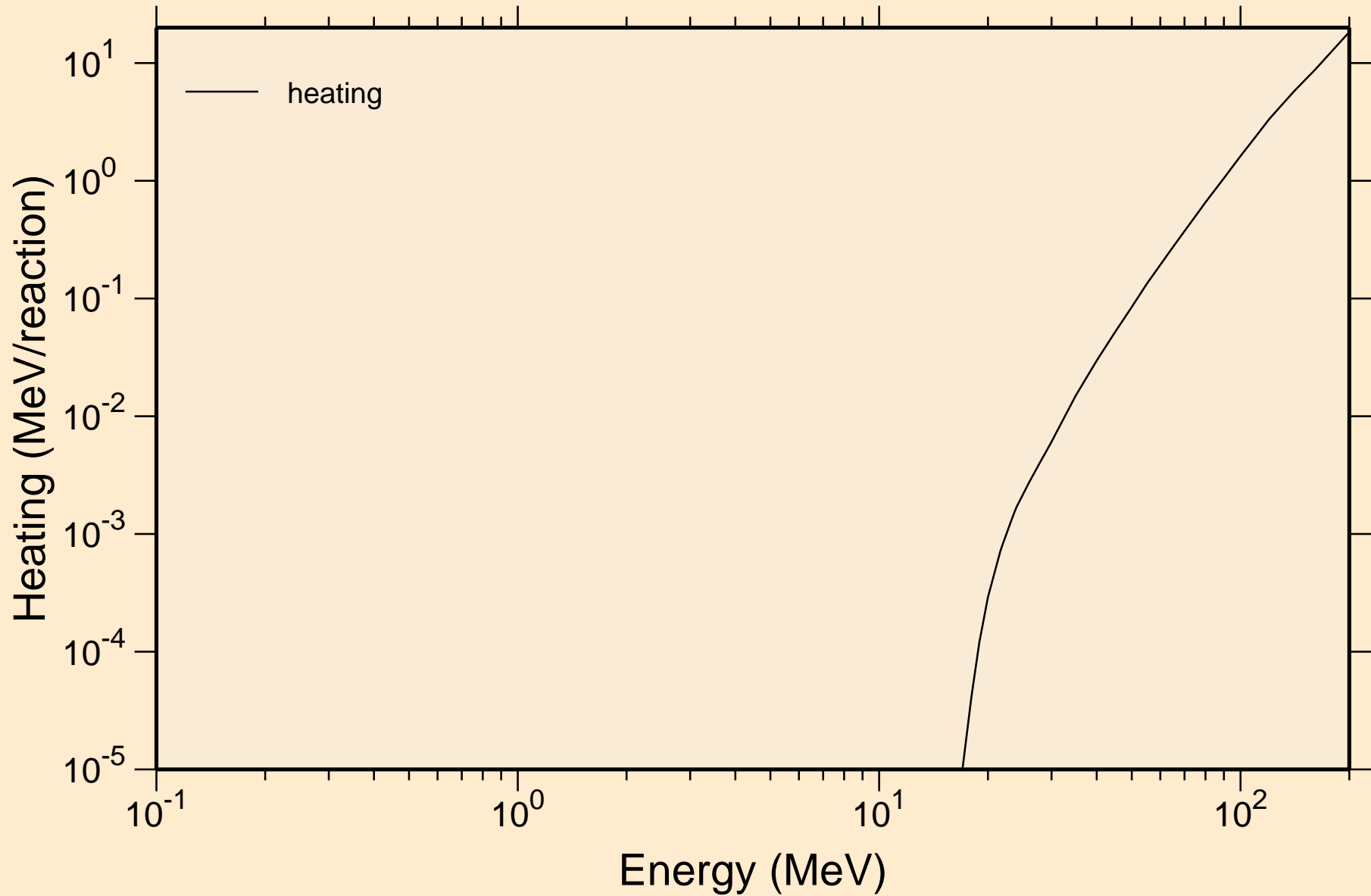


TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



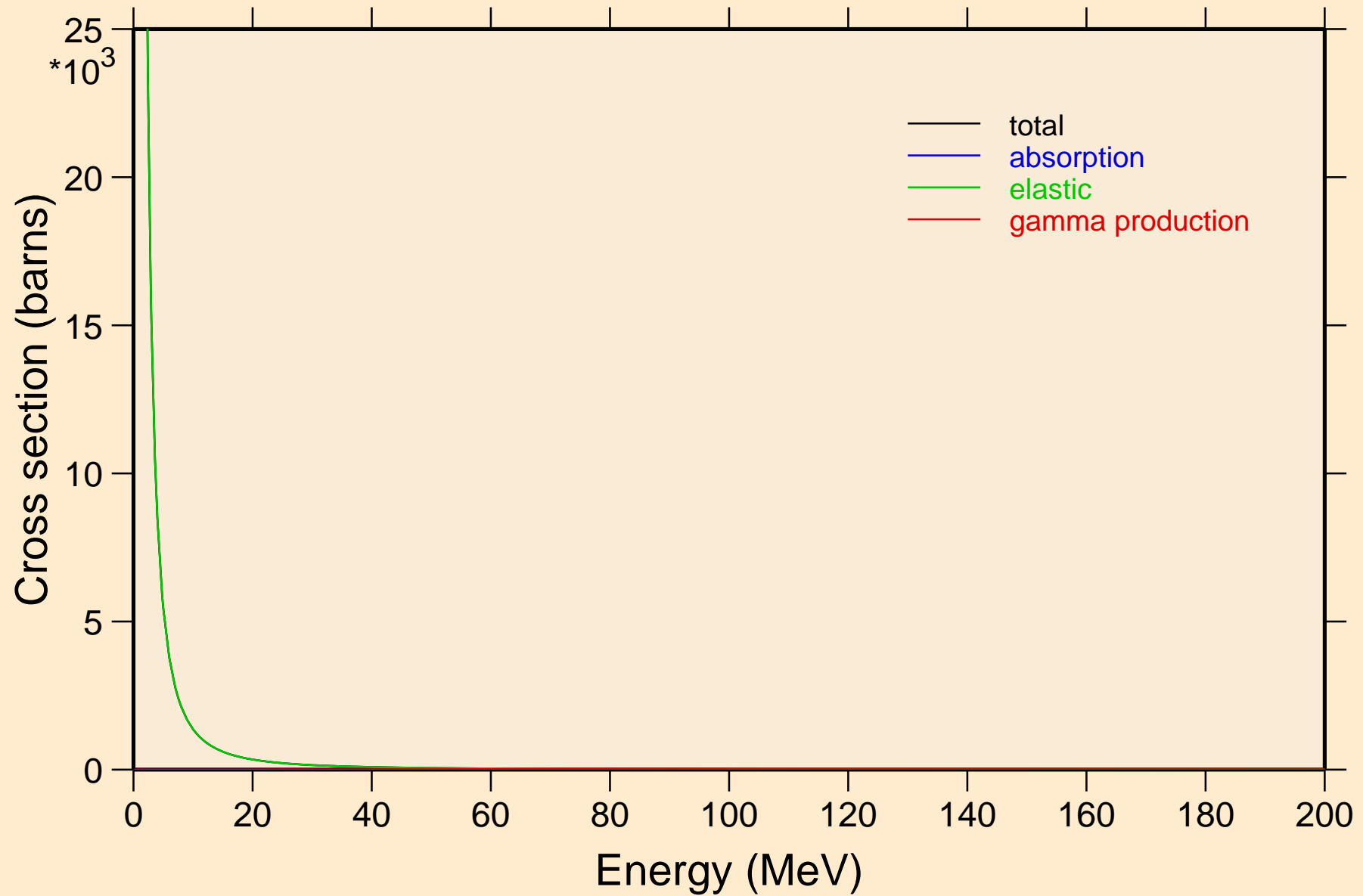
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



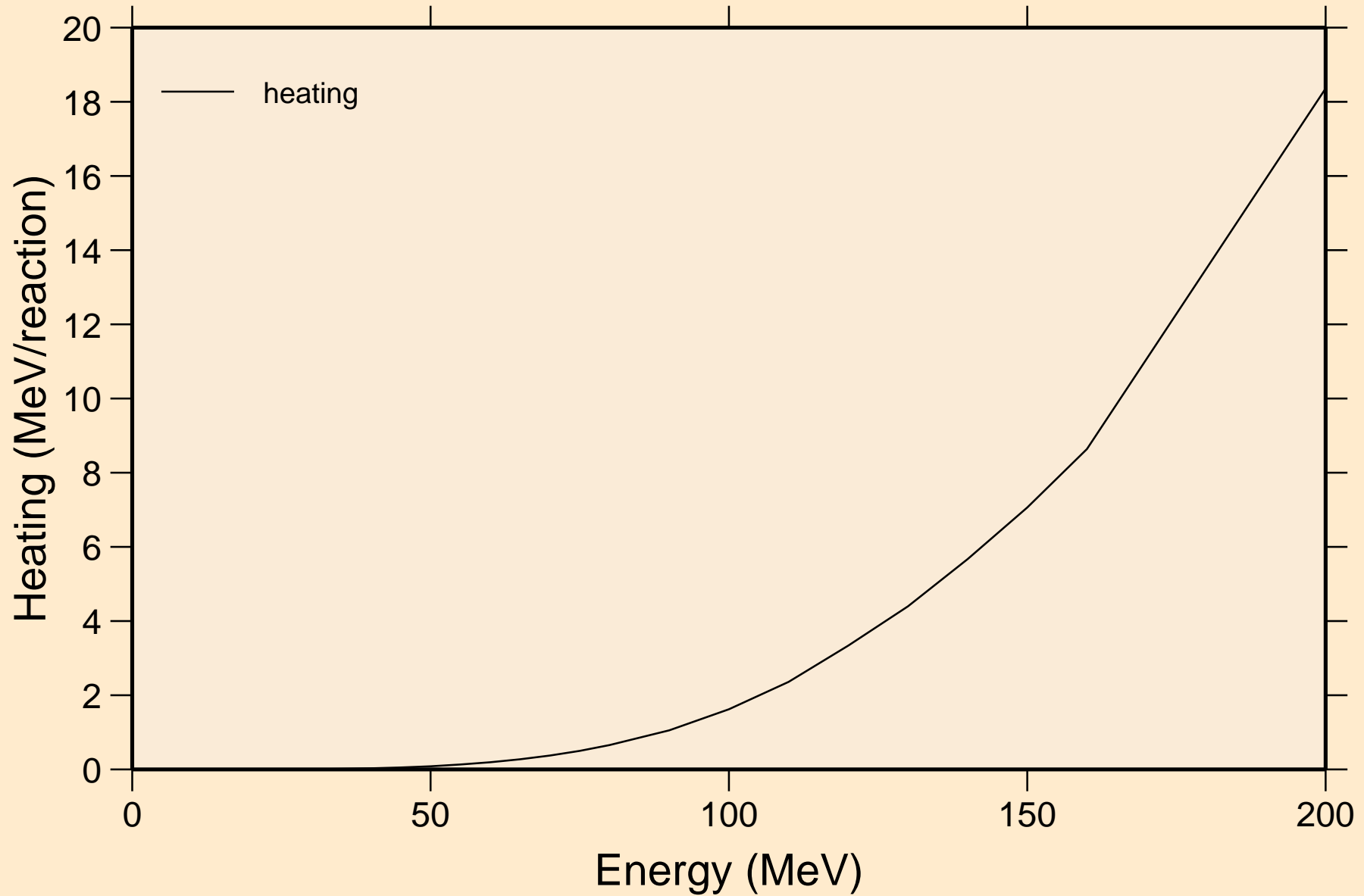
# TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

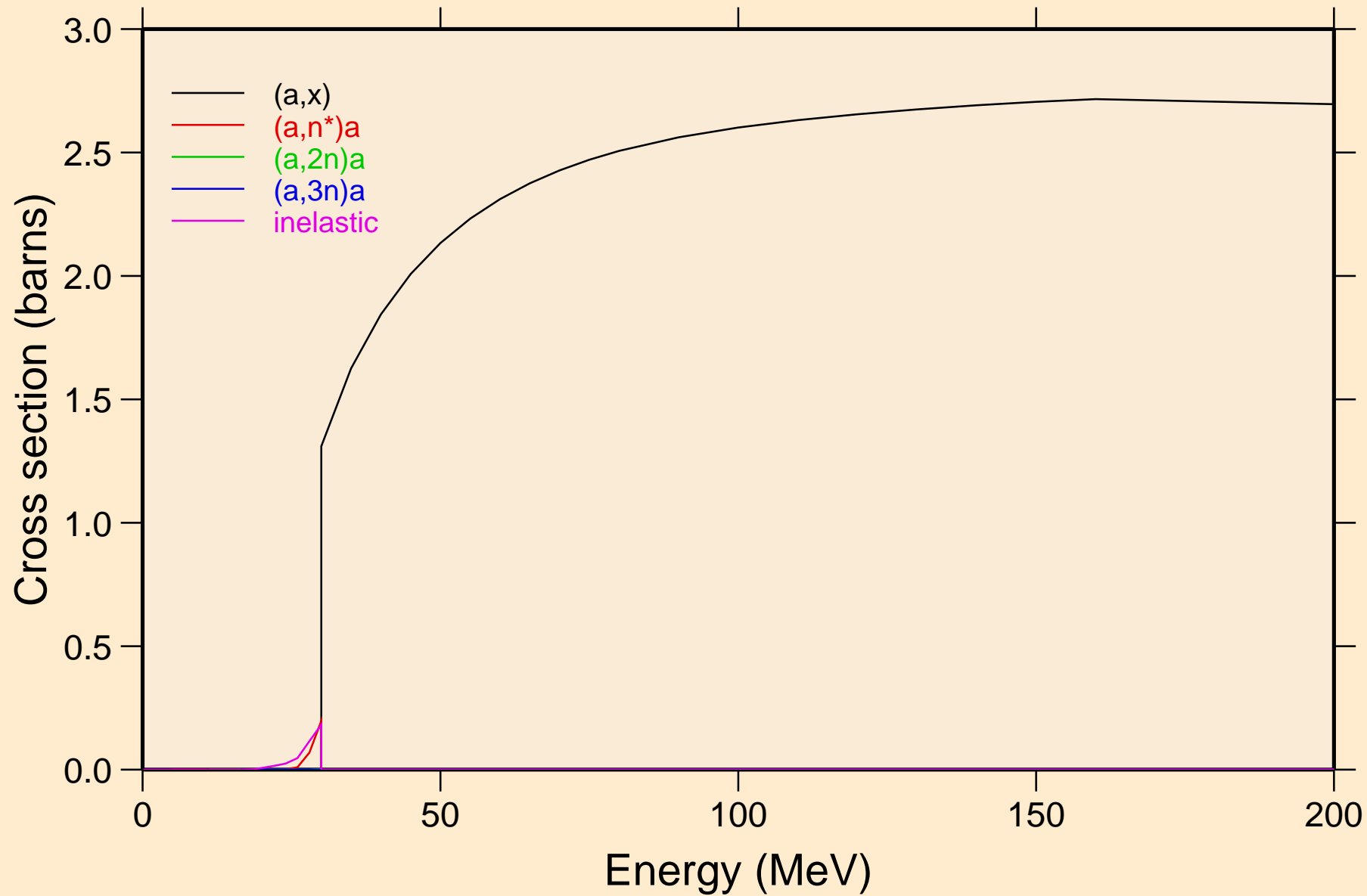


TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

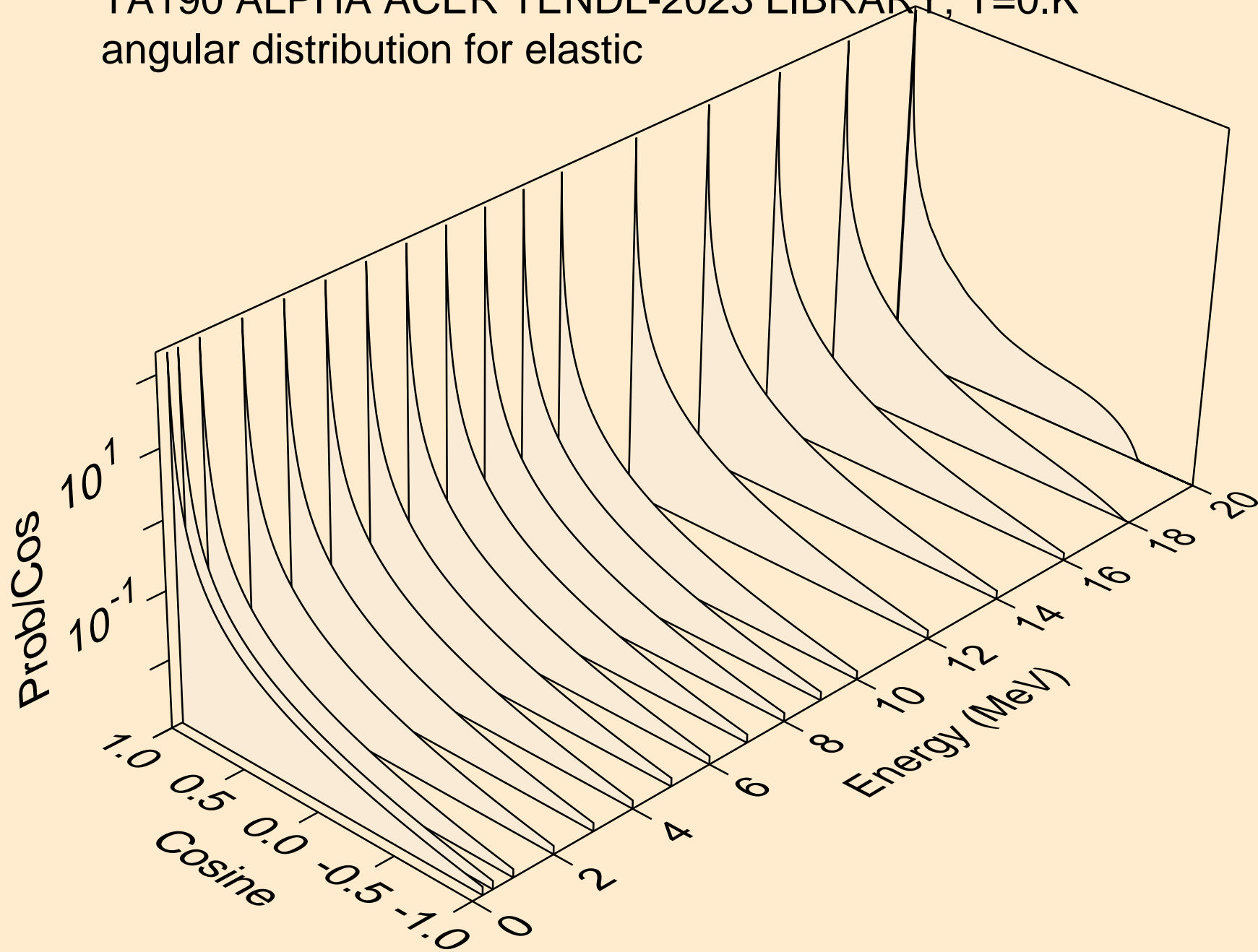
Heating



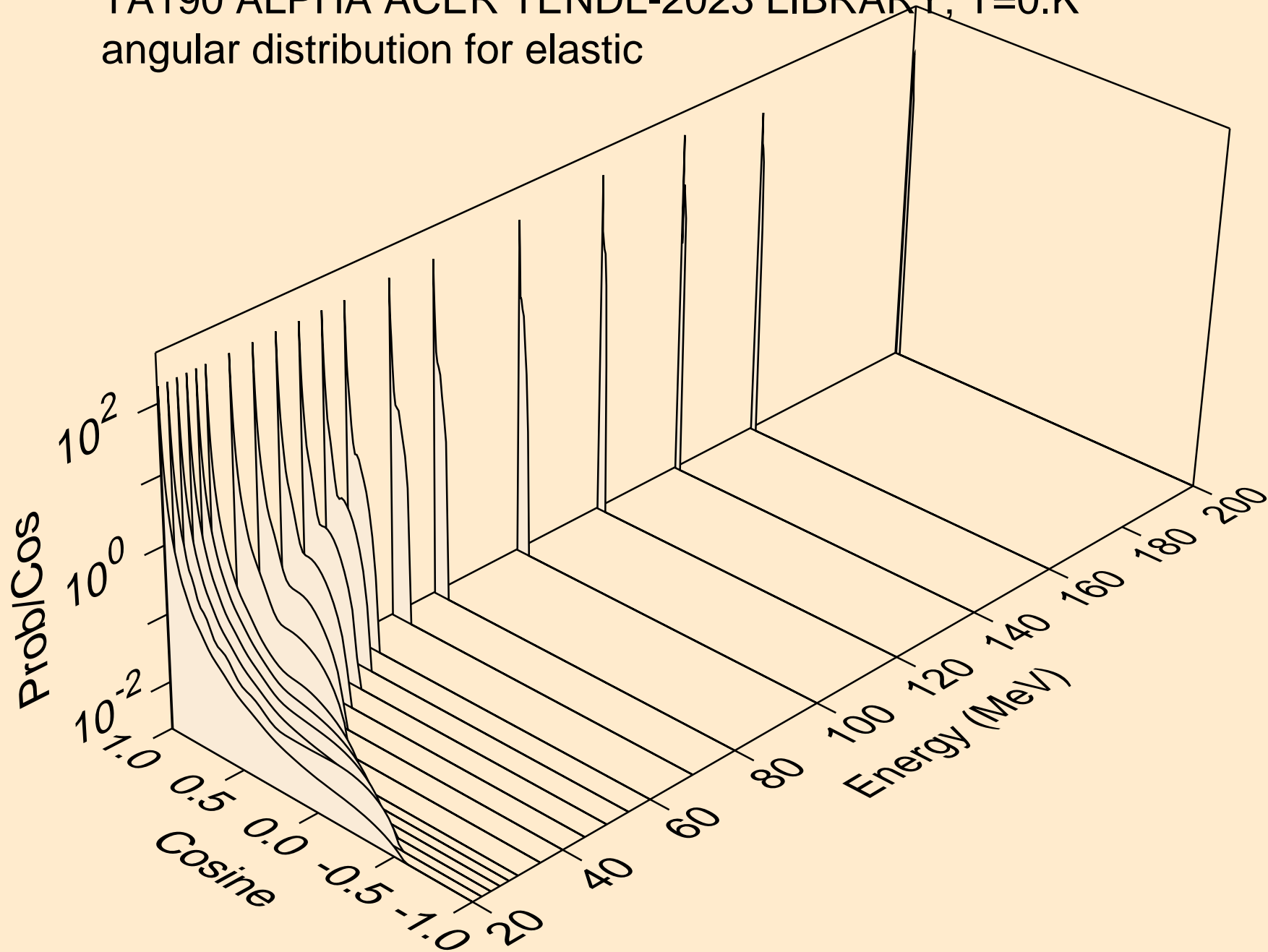
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



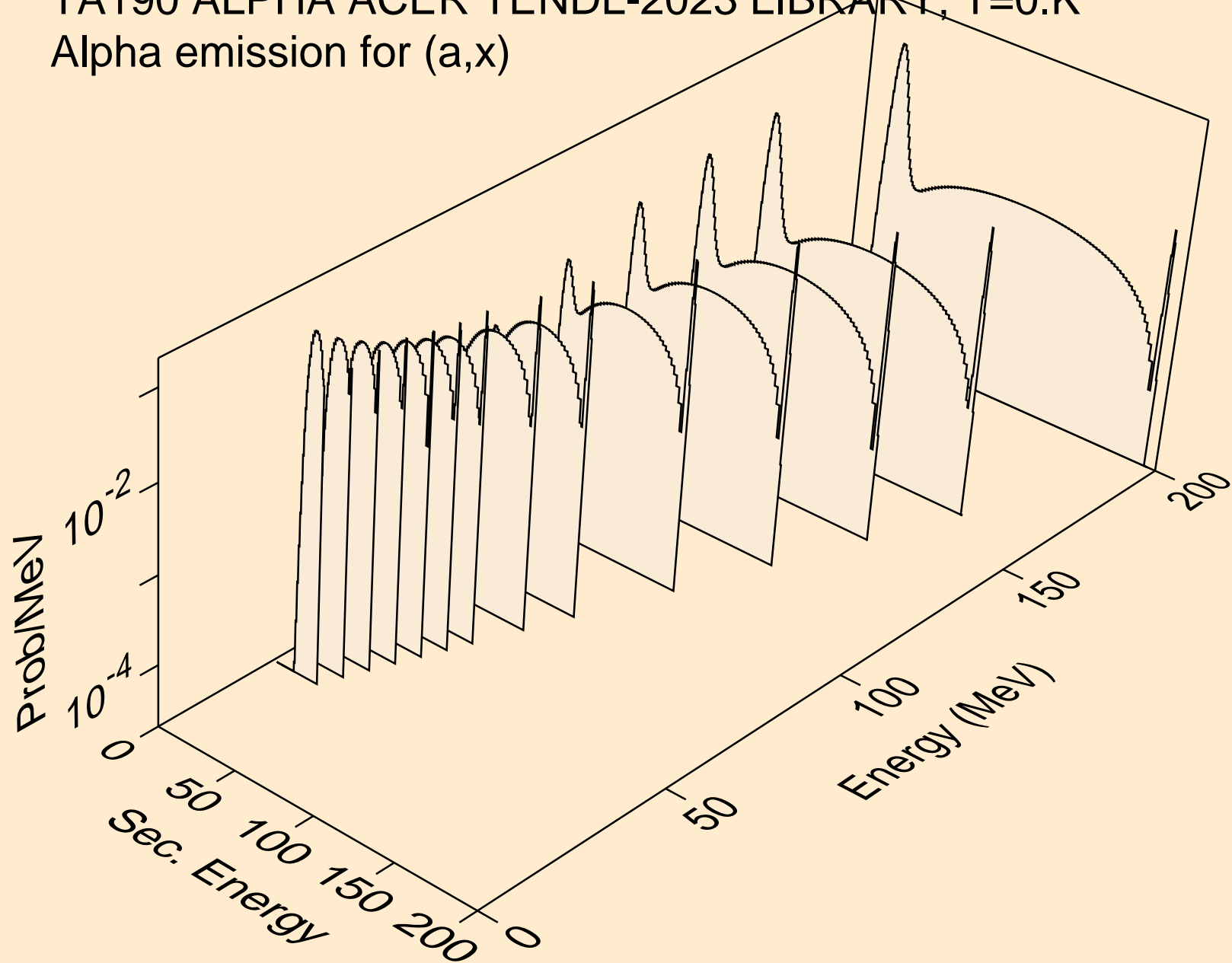
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



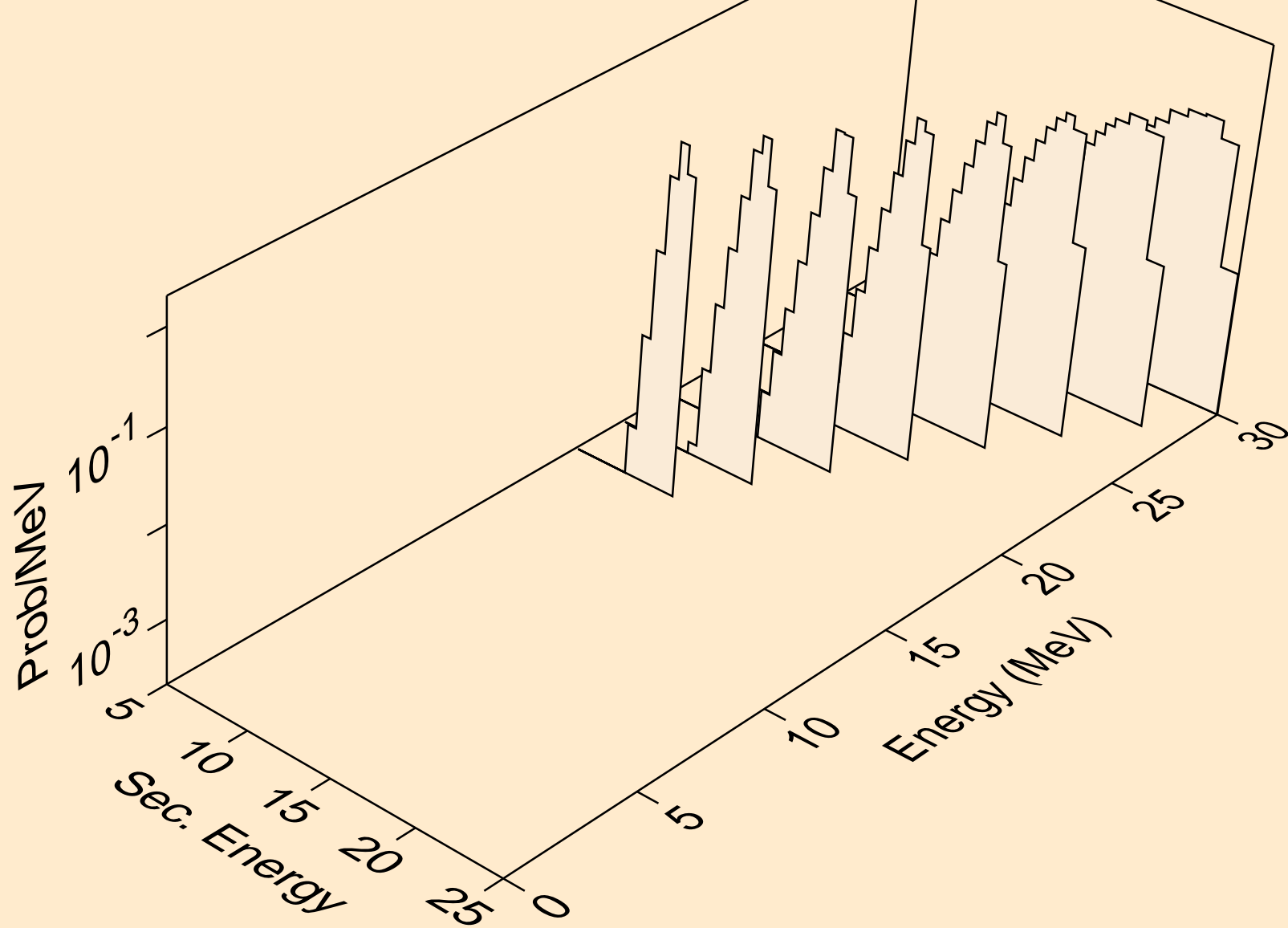
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



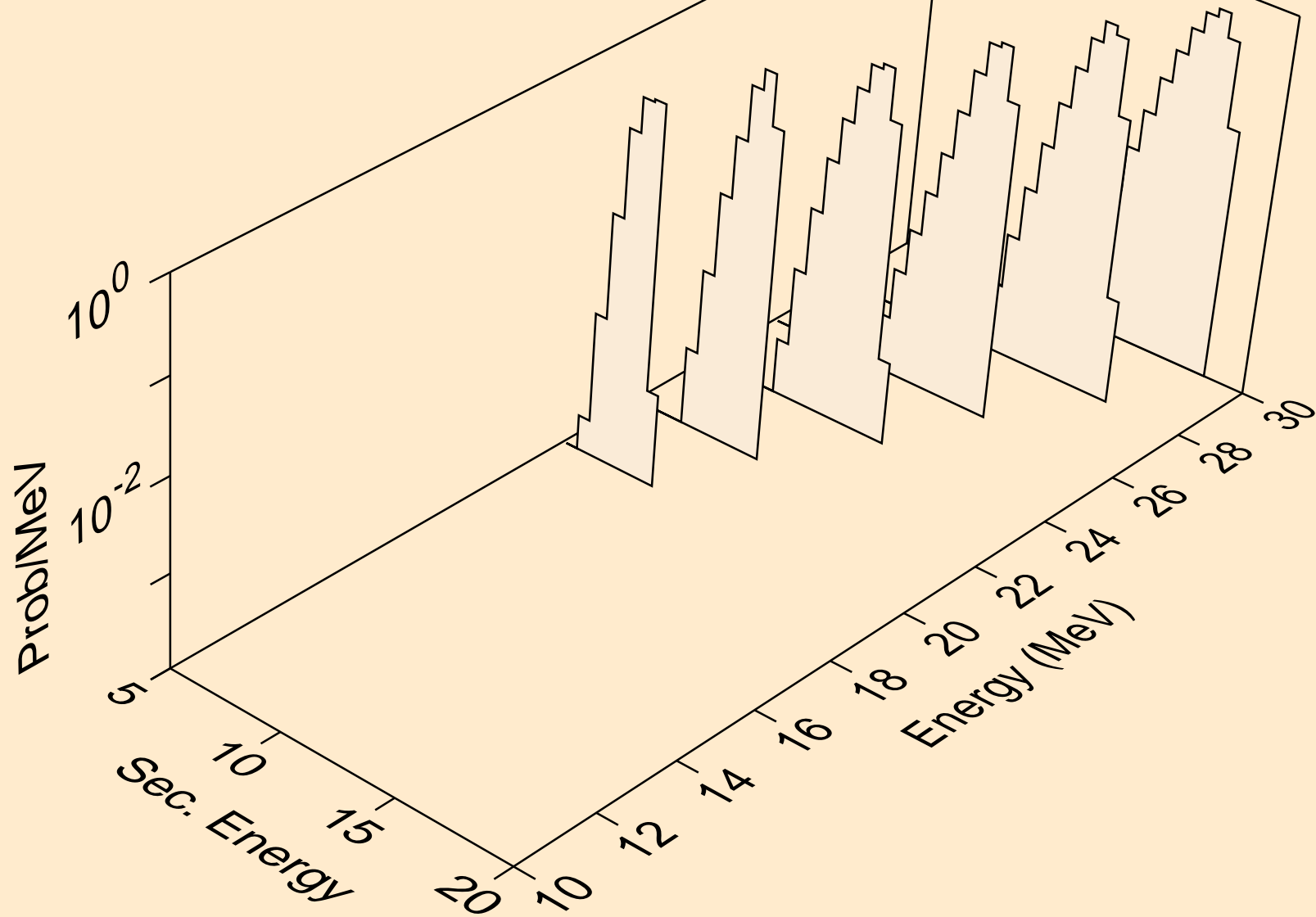
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



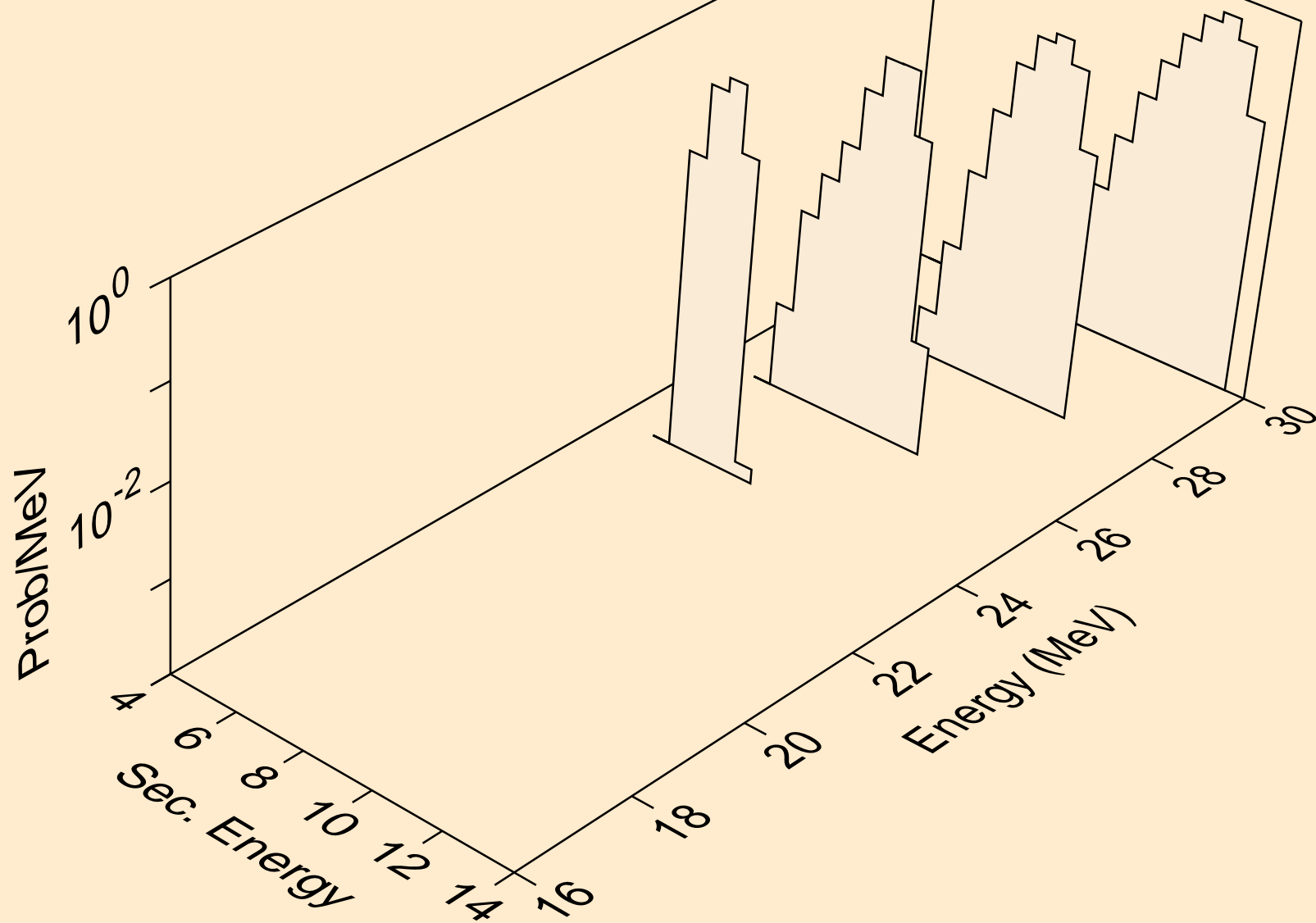
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



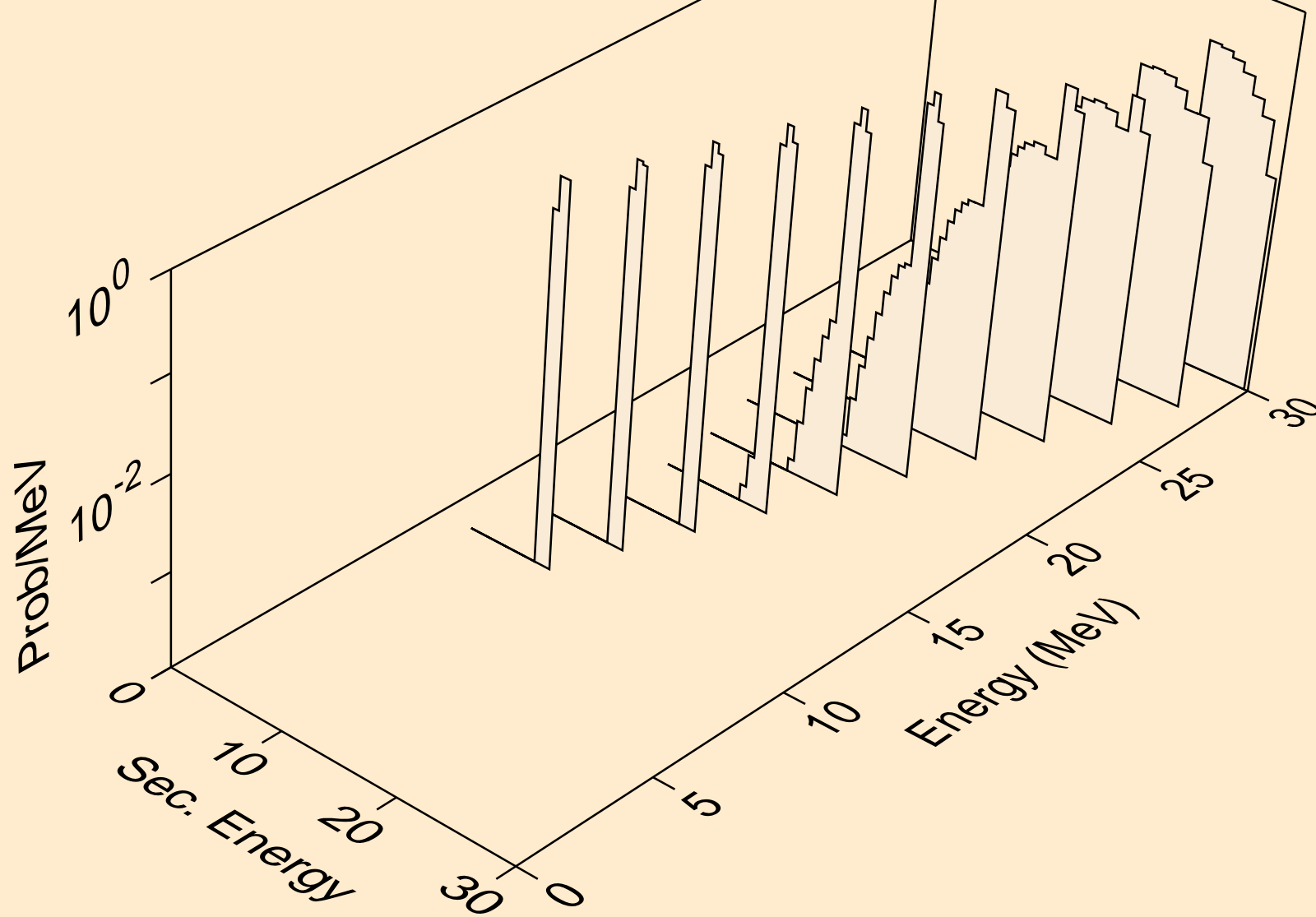
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



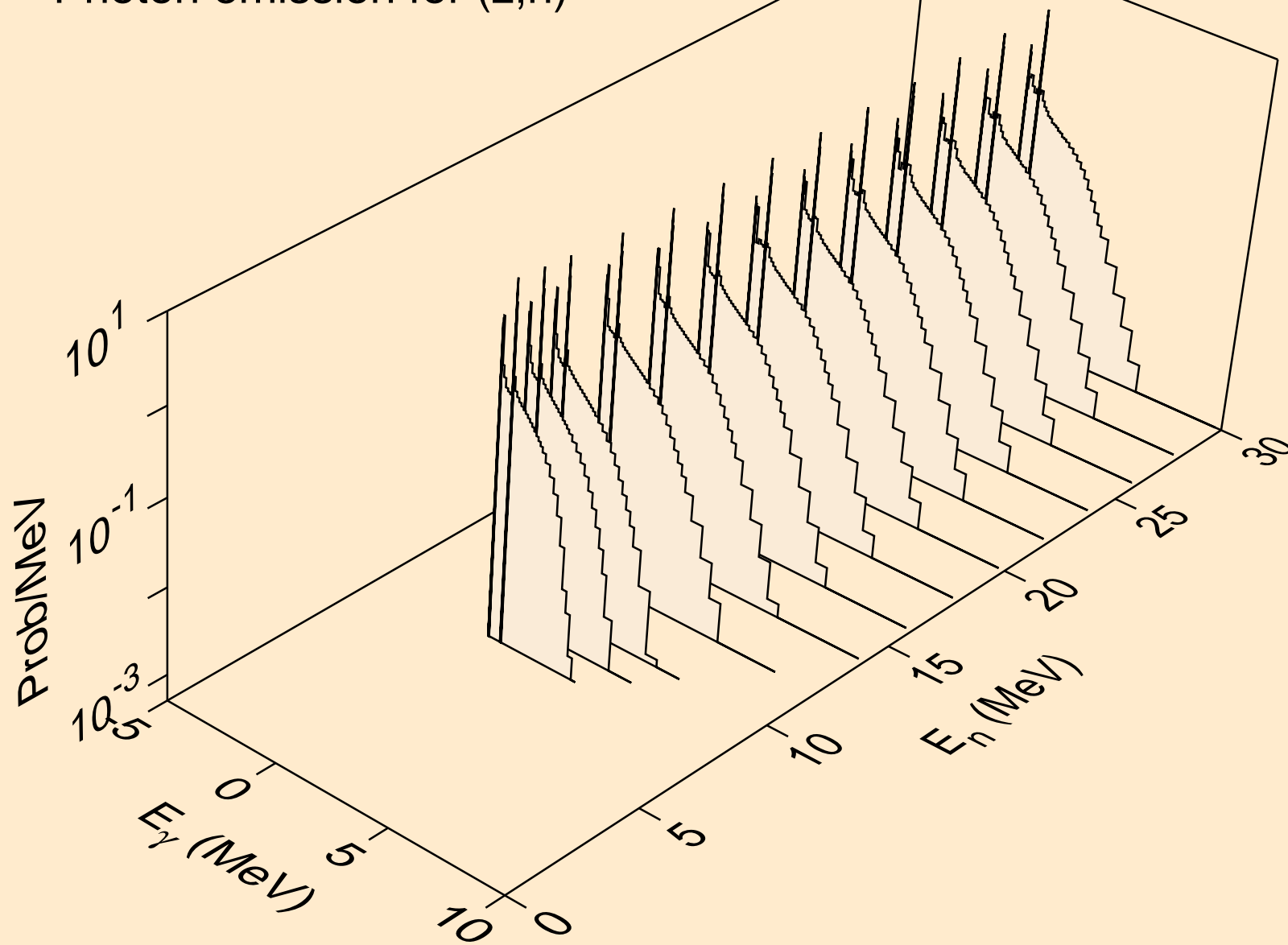
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



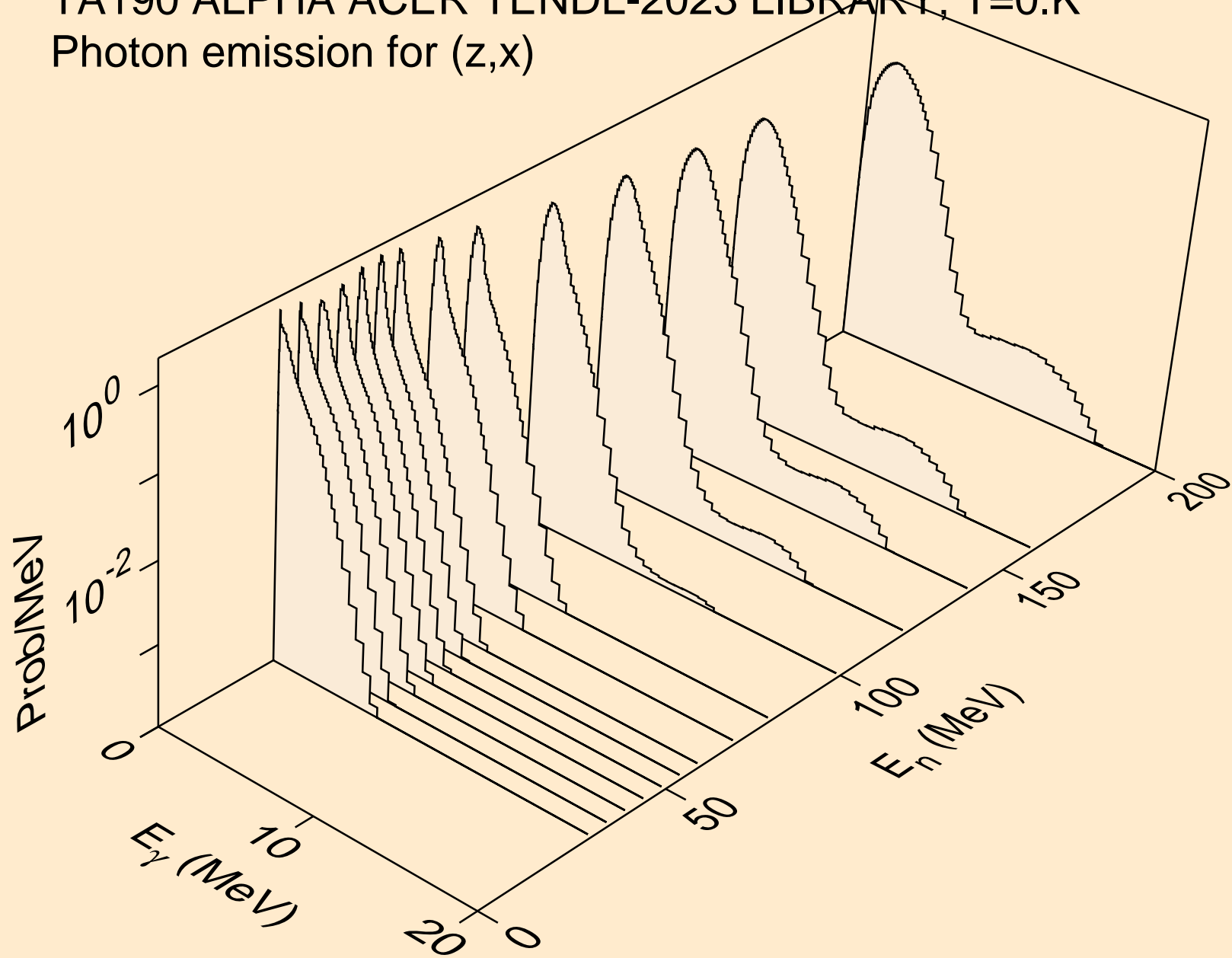
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



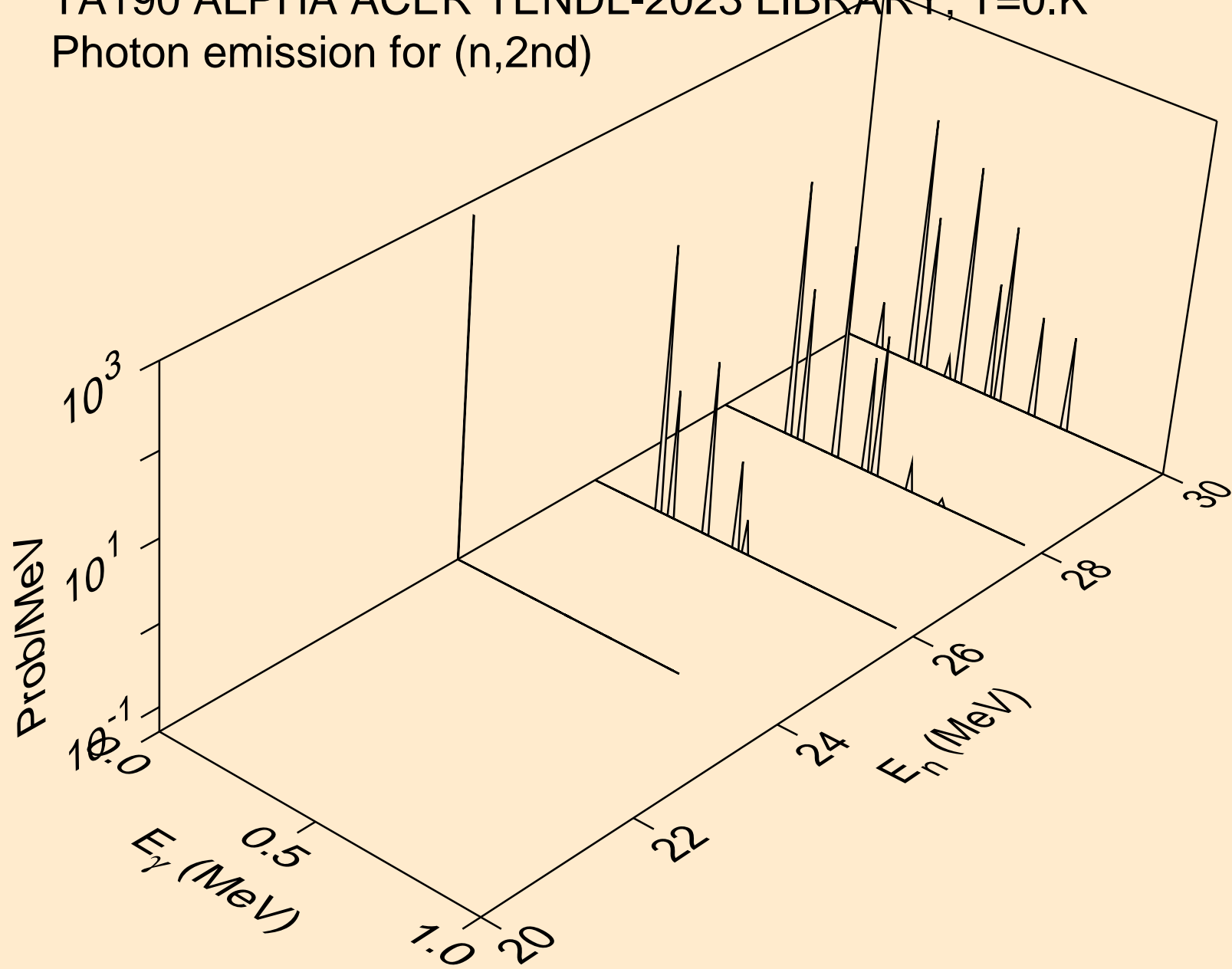
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



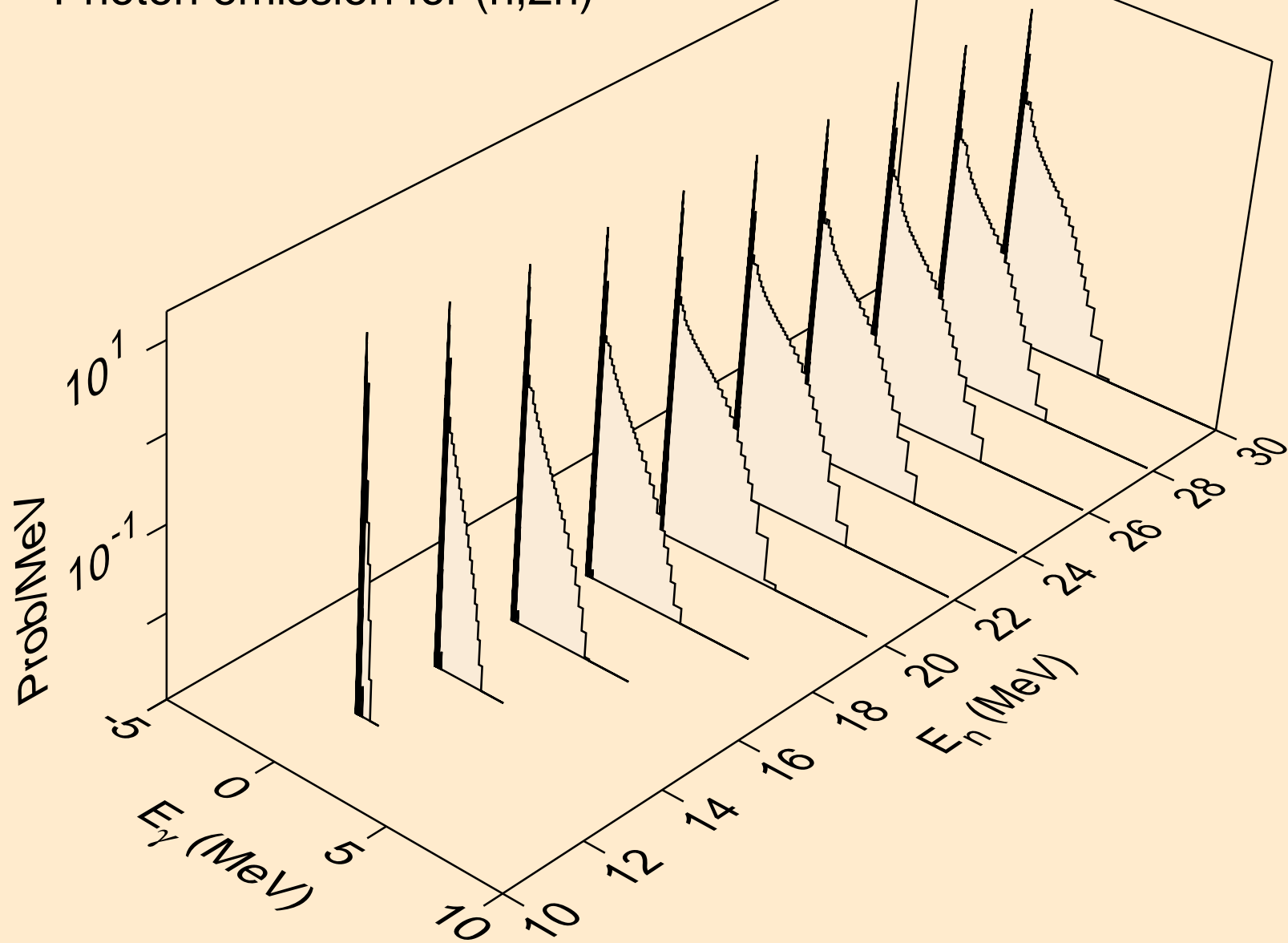
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



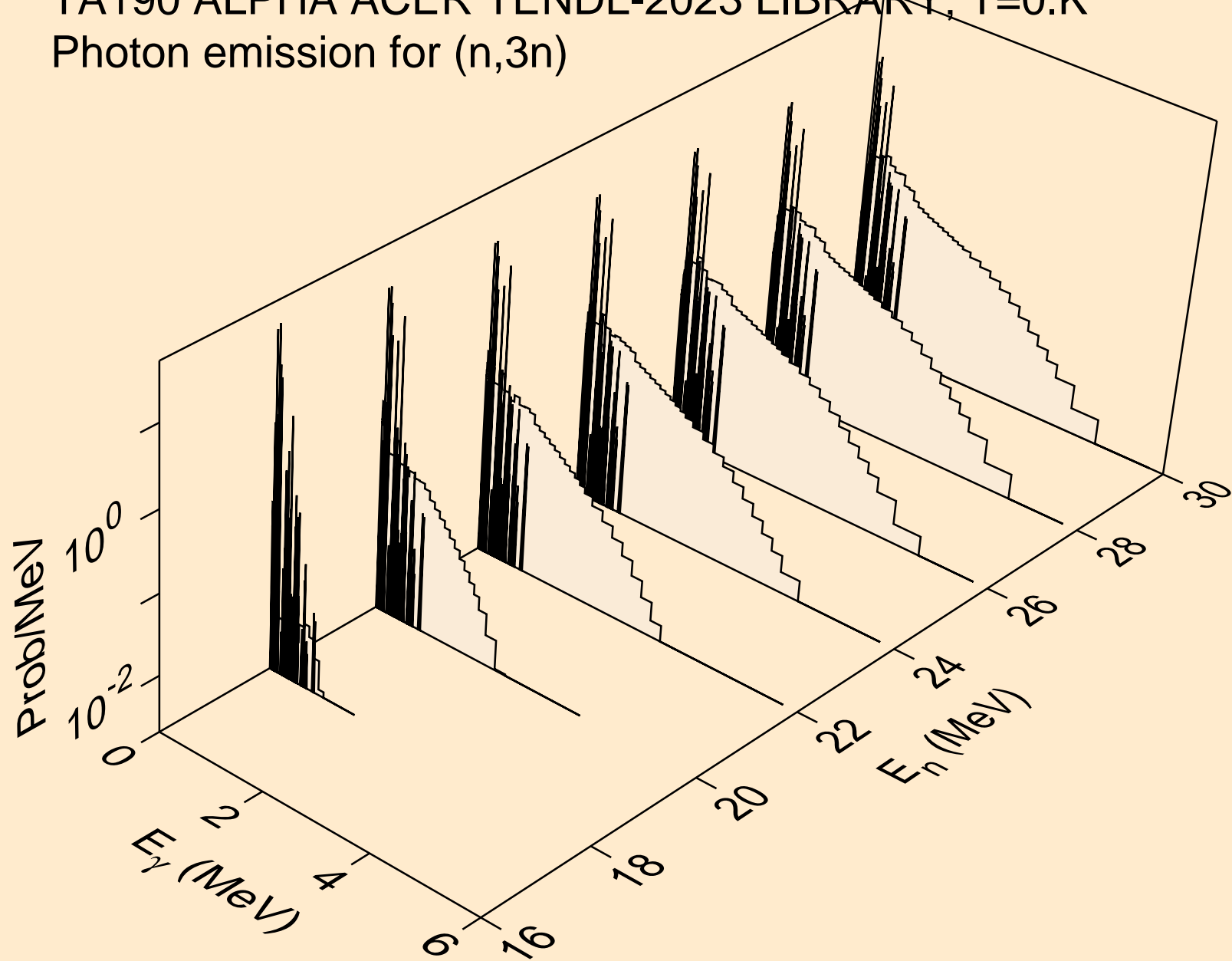
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



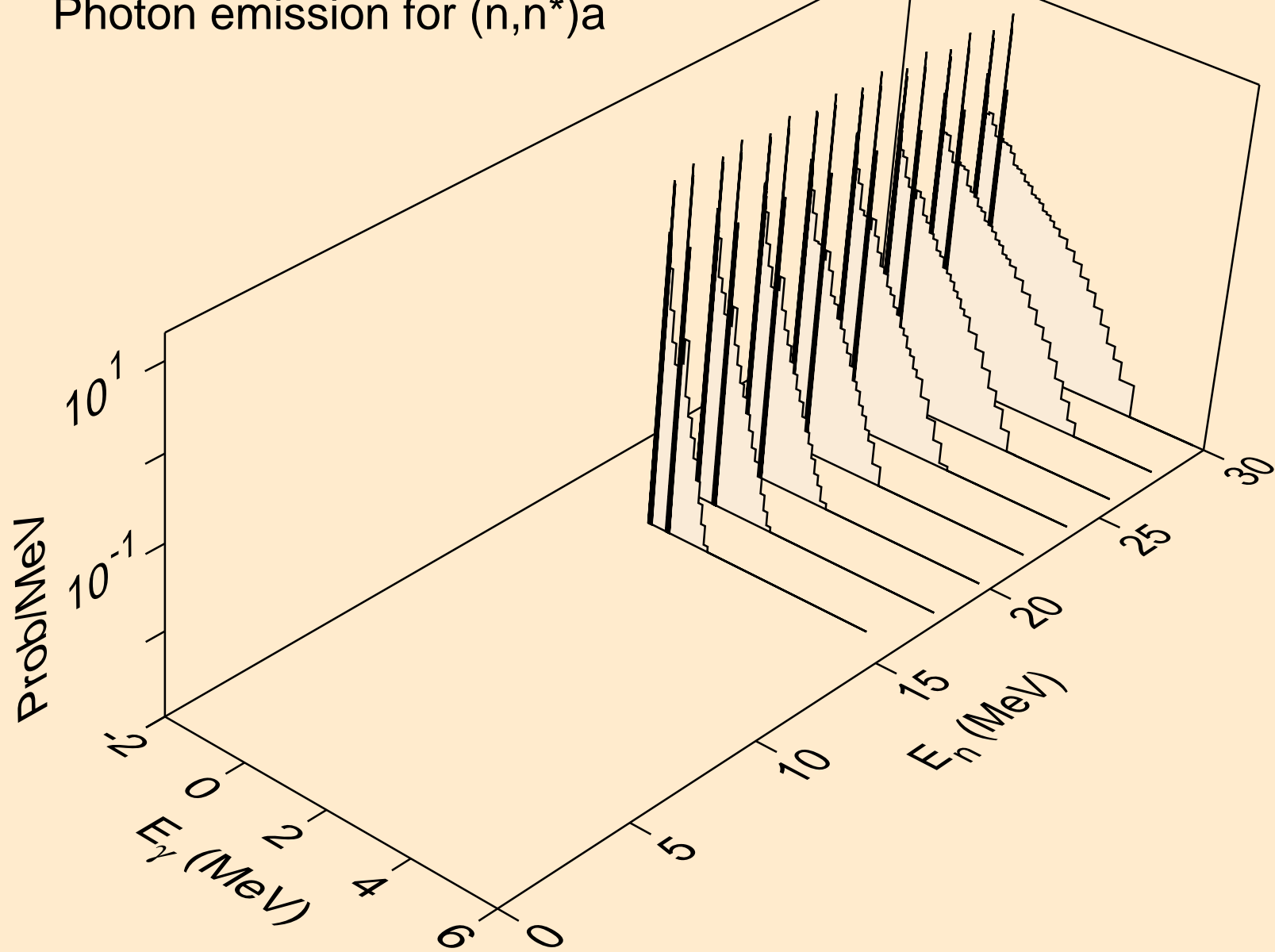
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



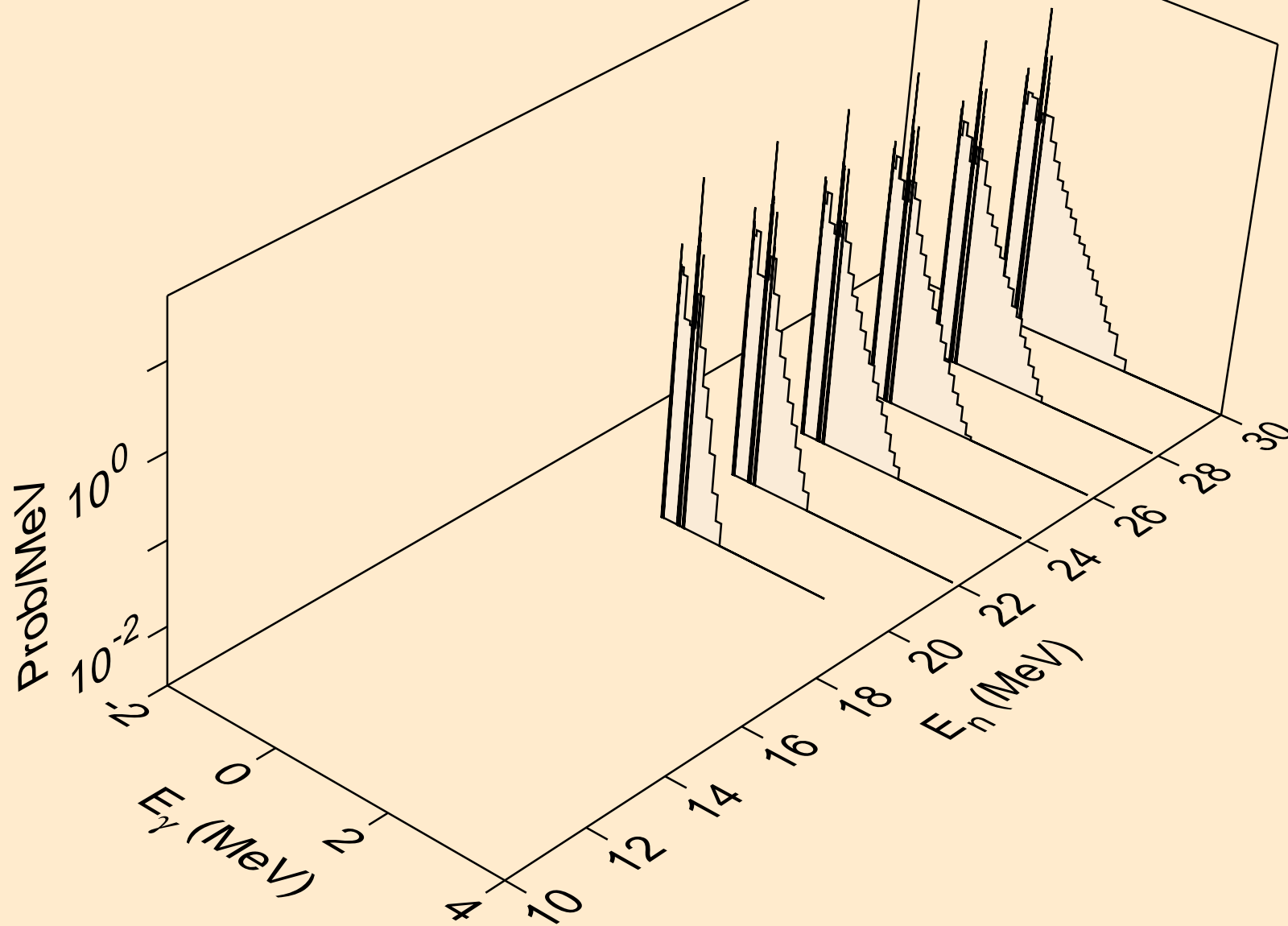
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



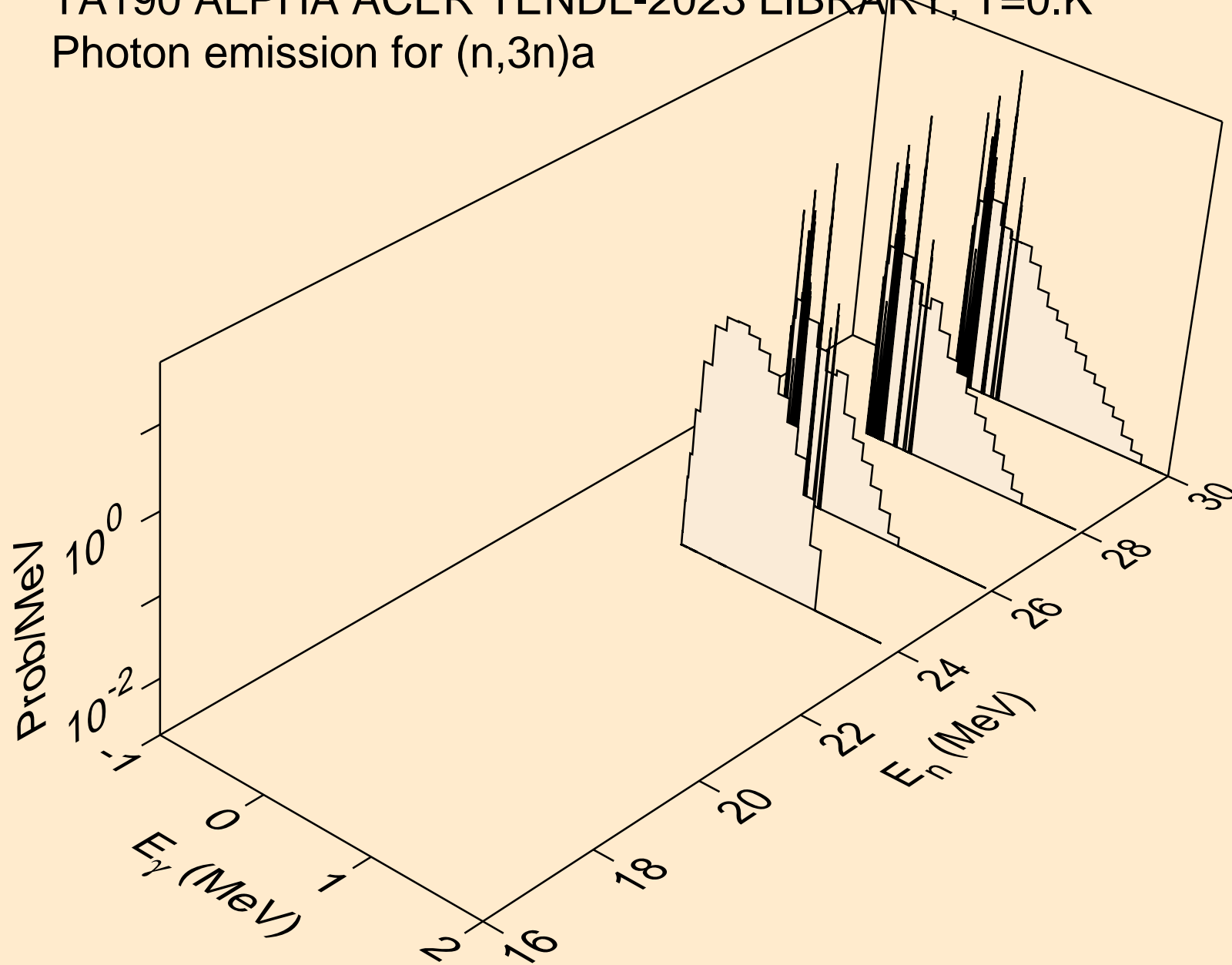
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



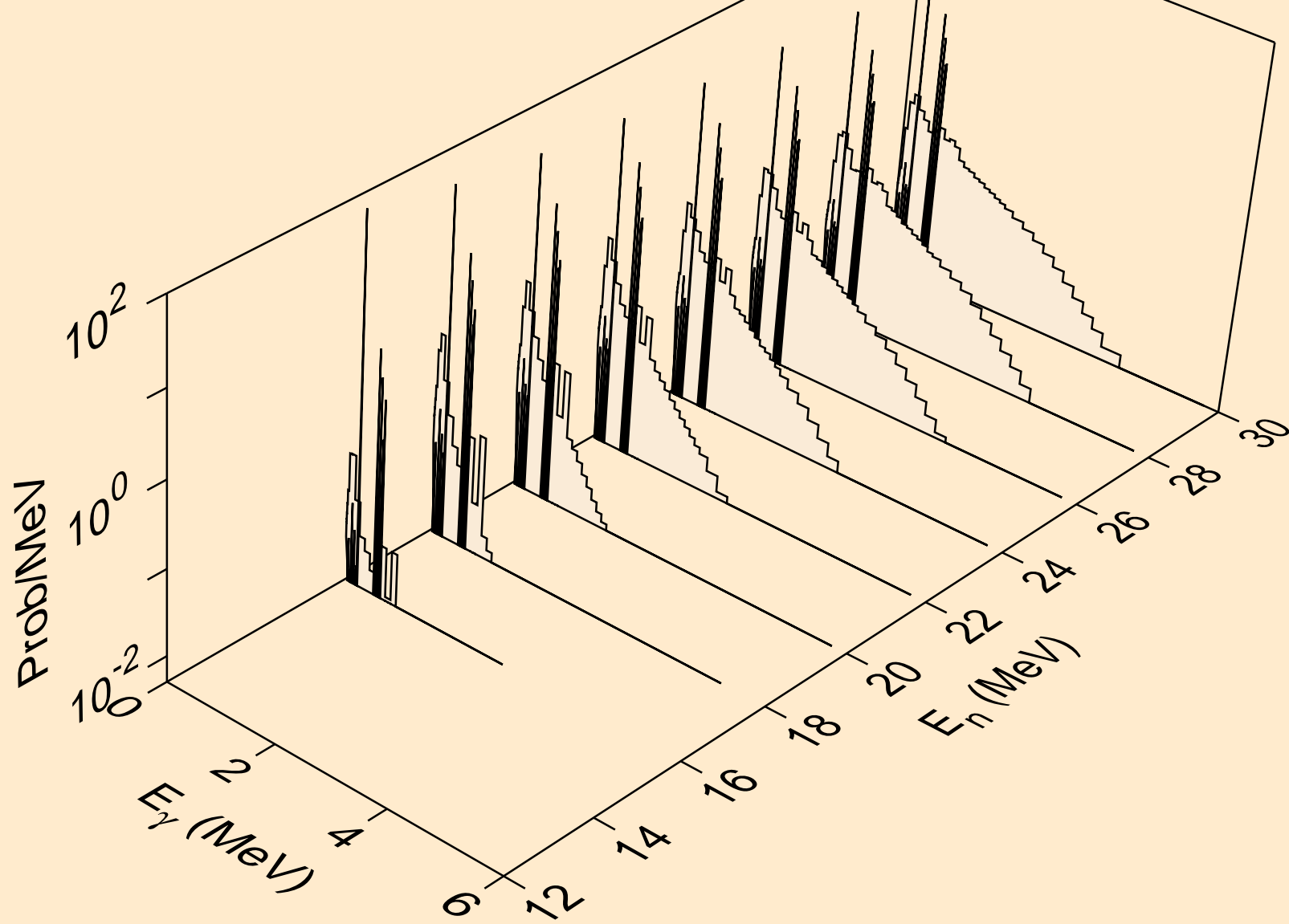
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



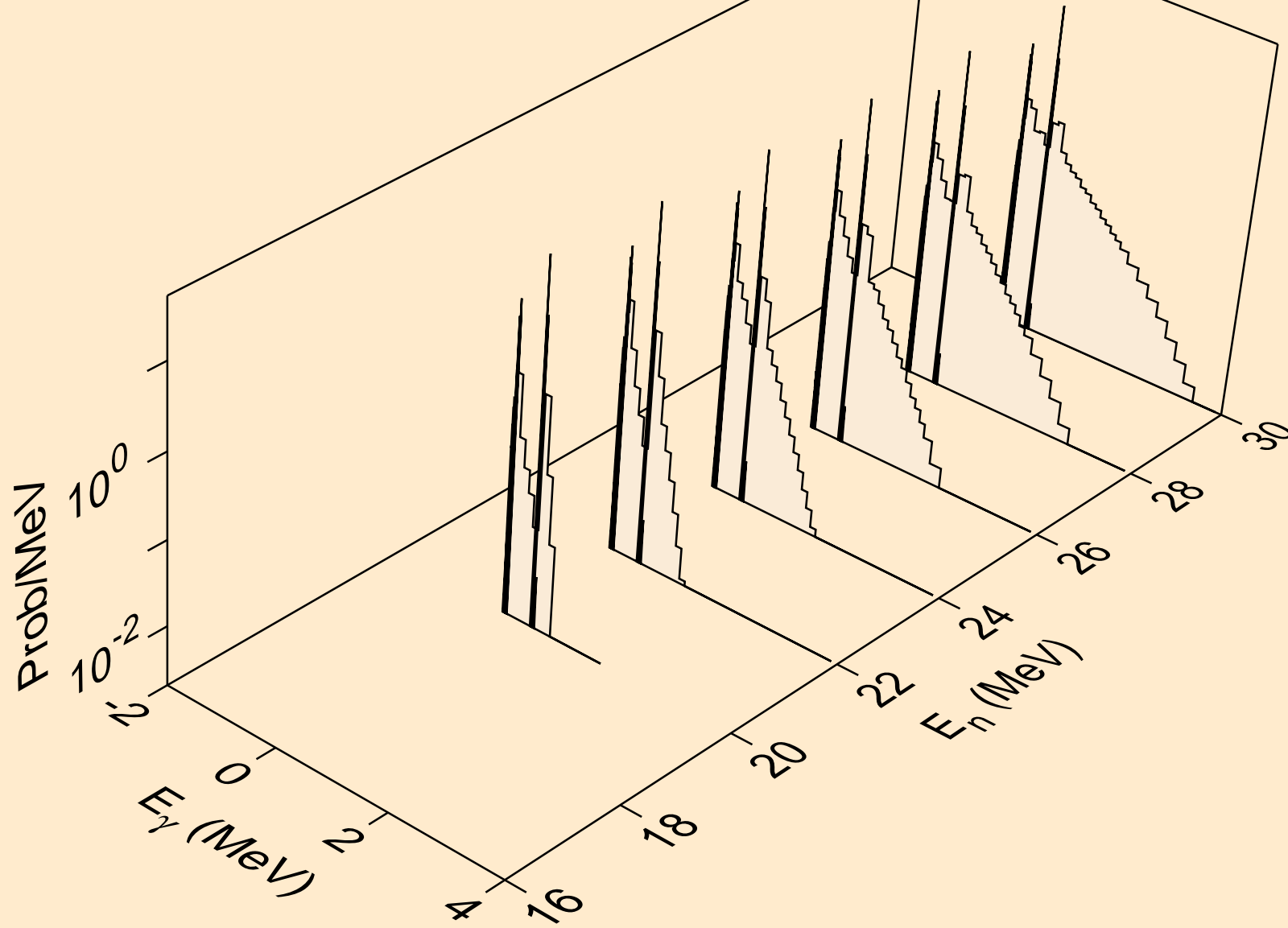
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



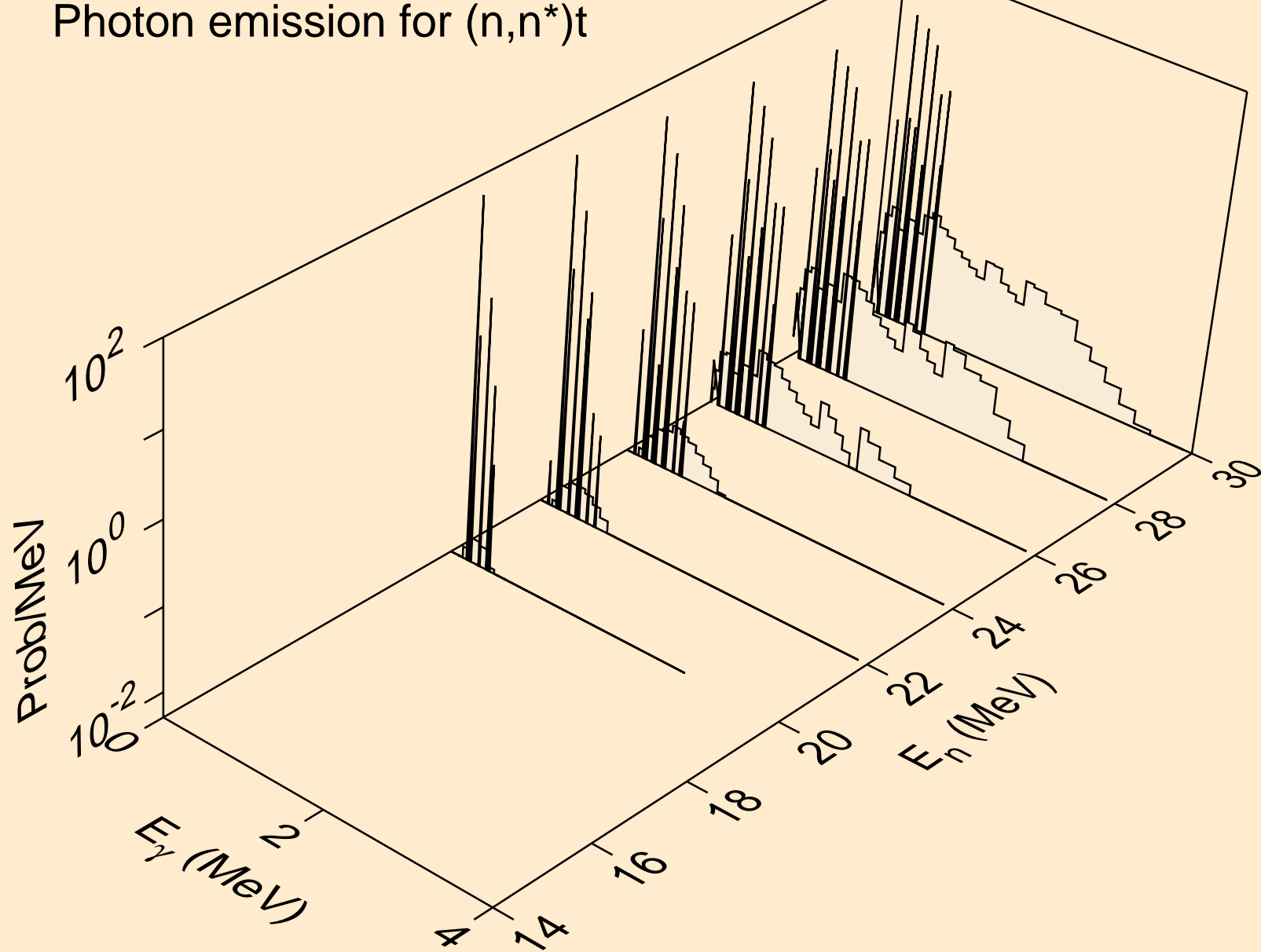
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



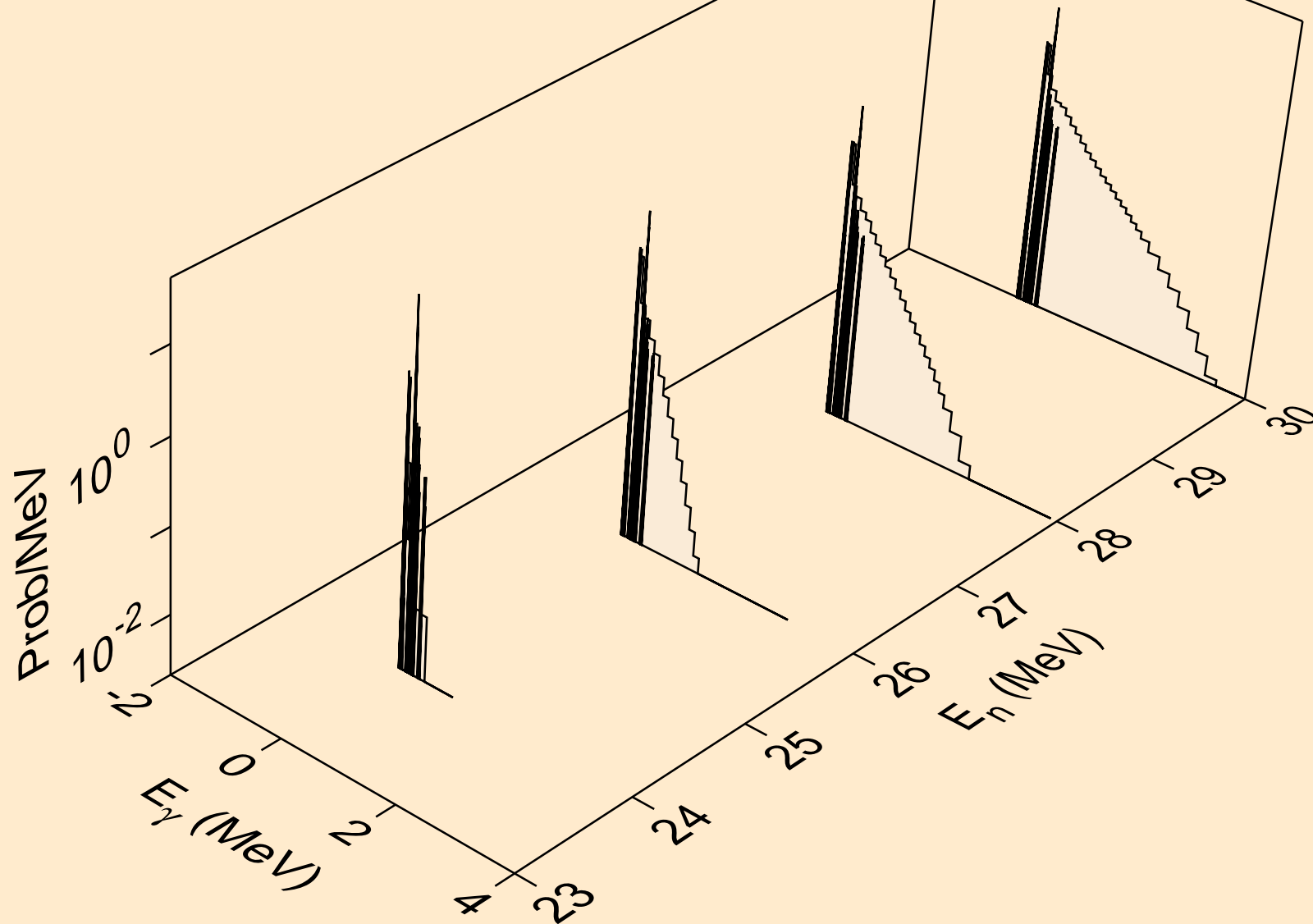
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



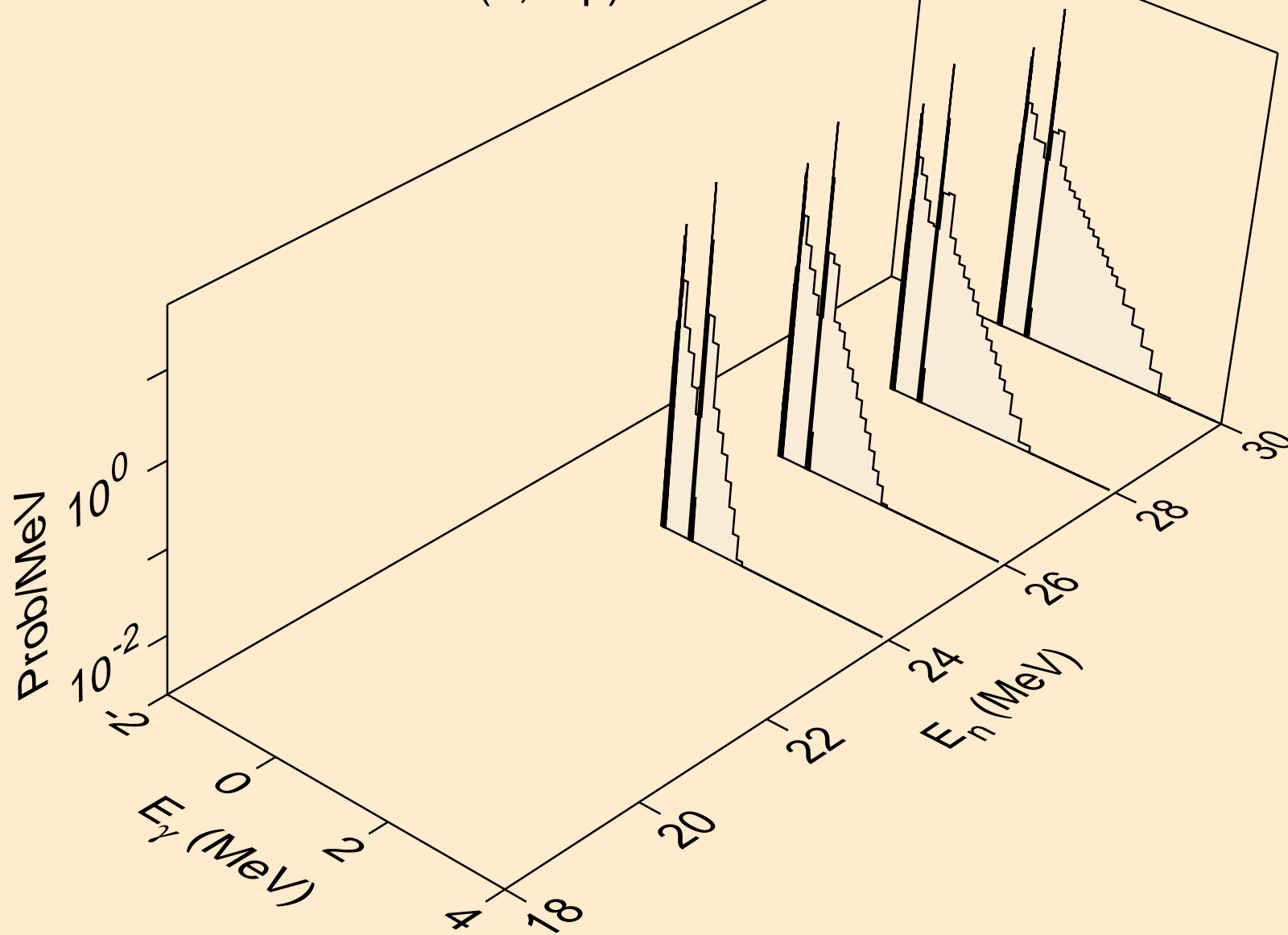
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



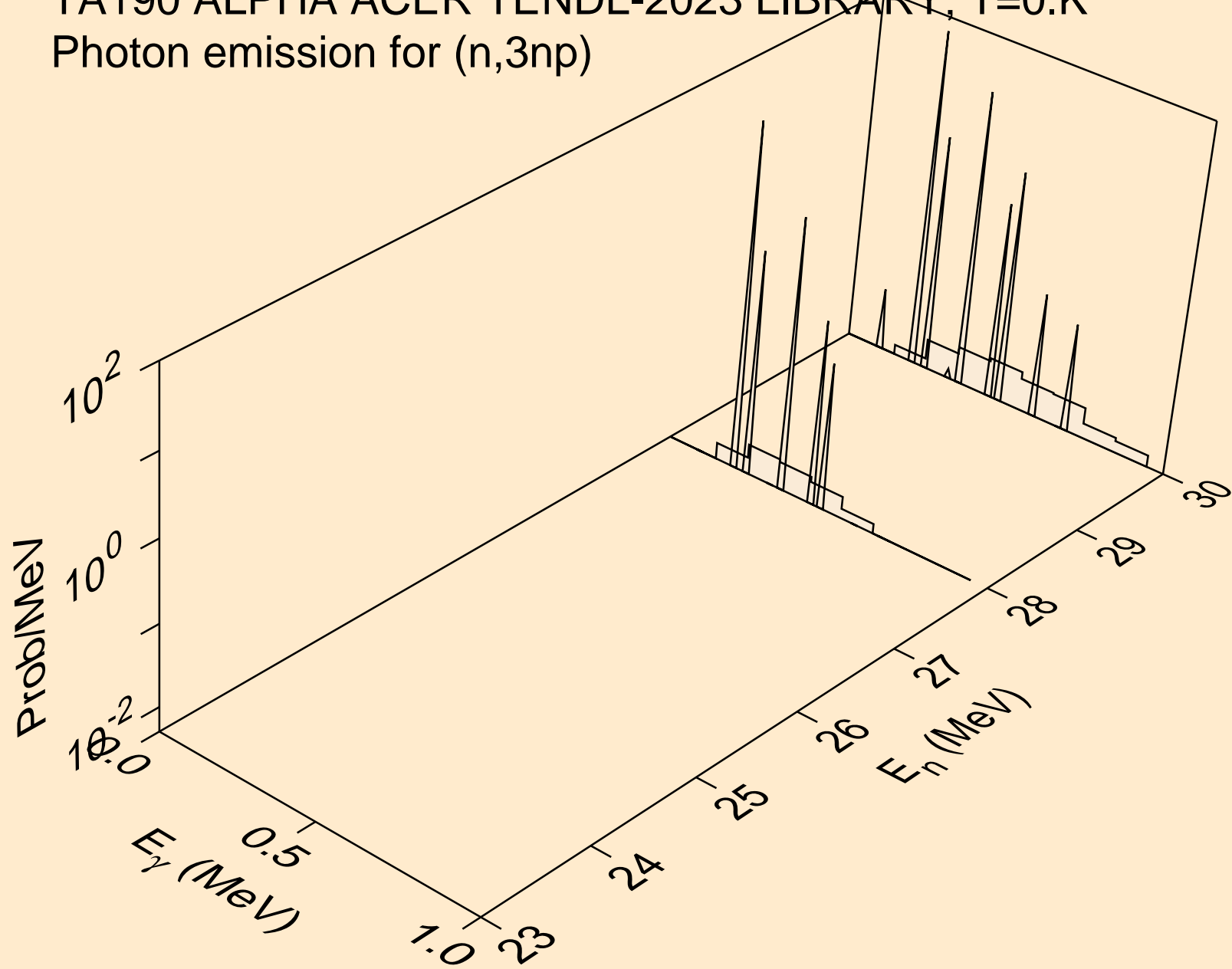
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



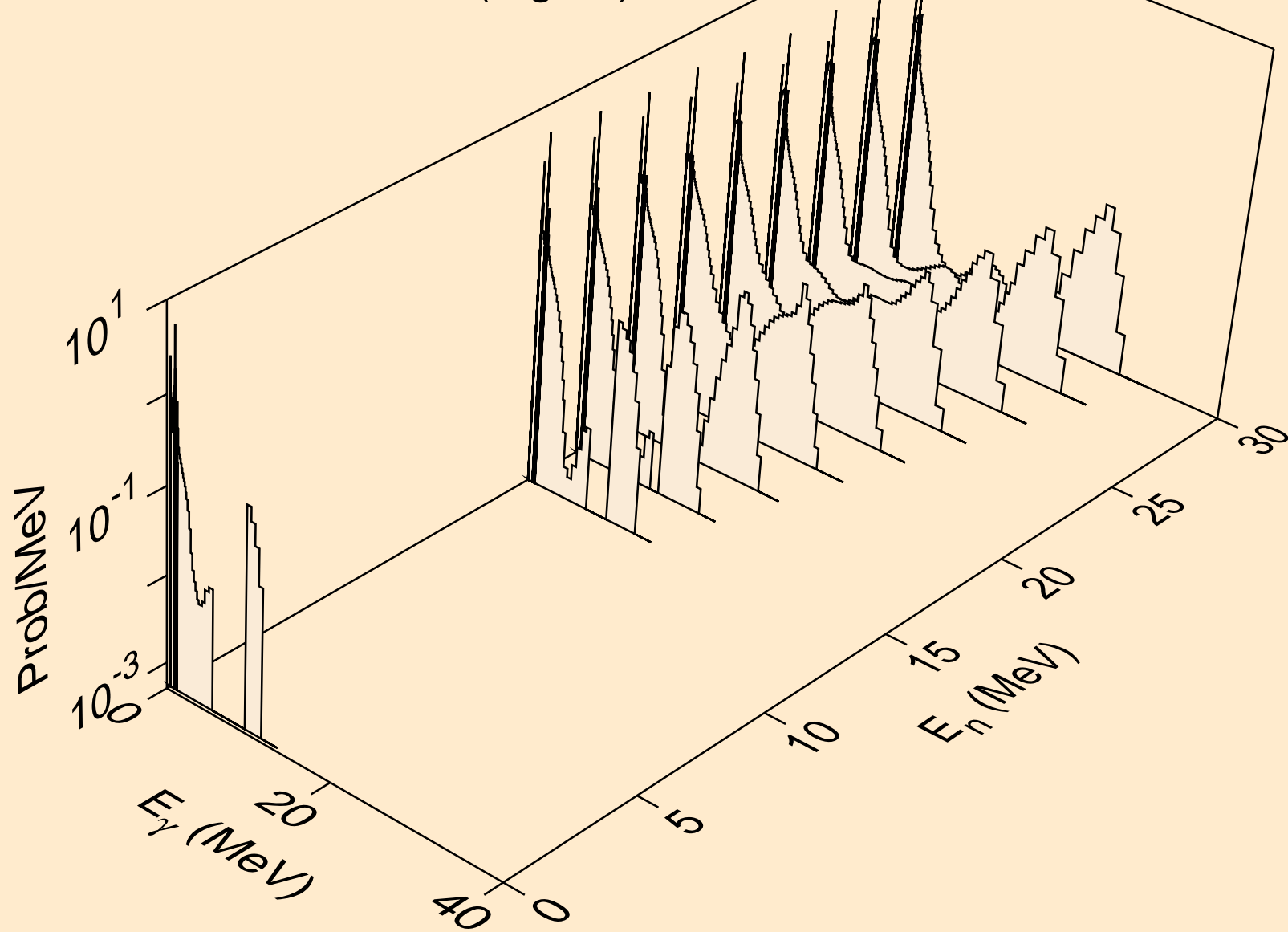
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



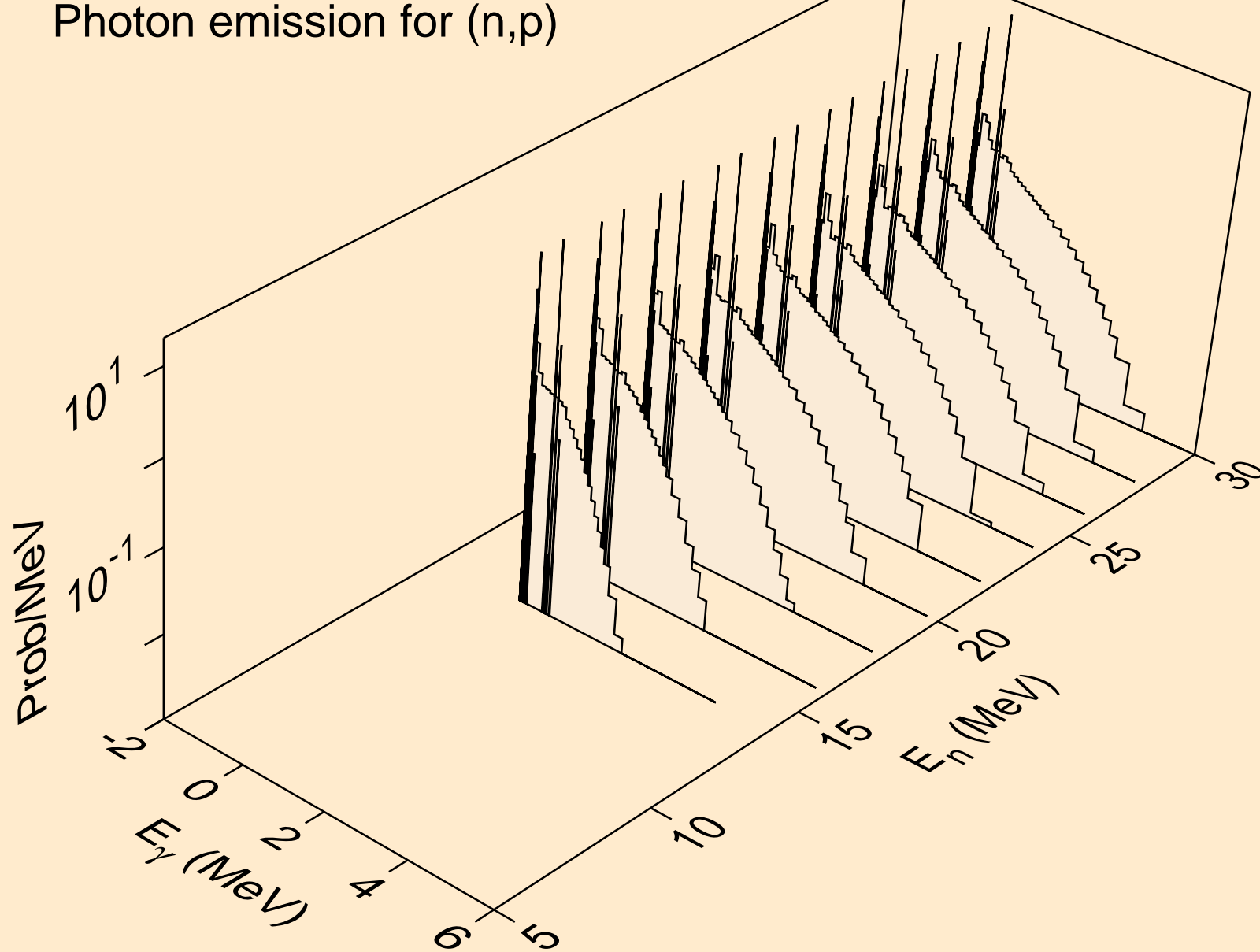
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



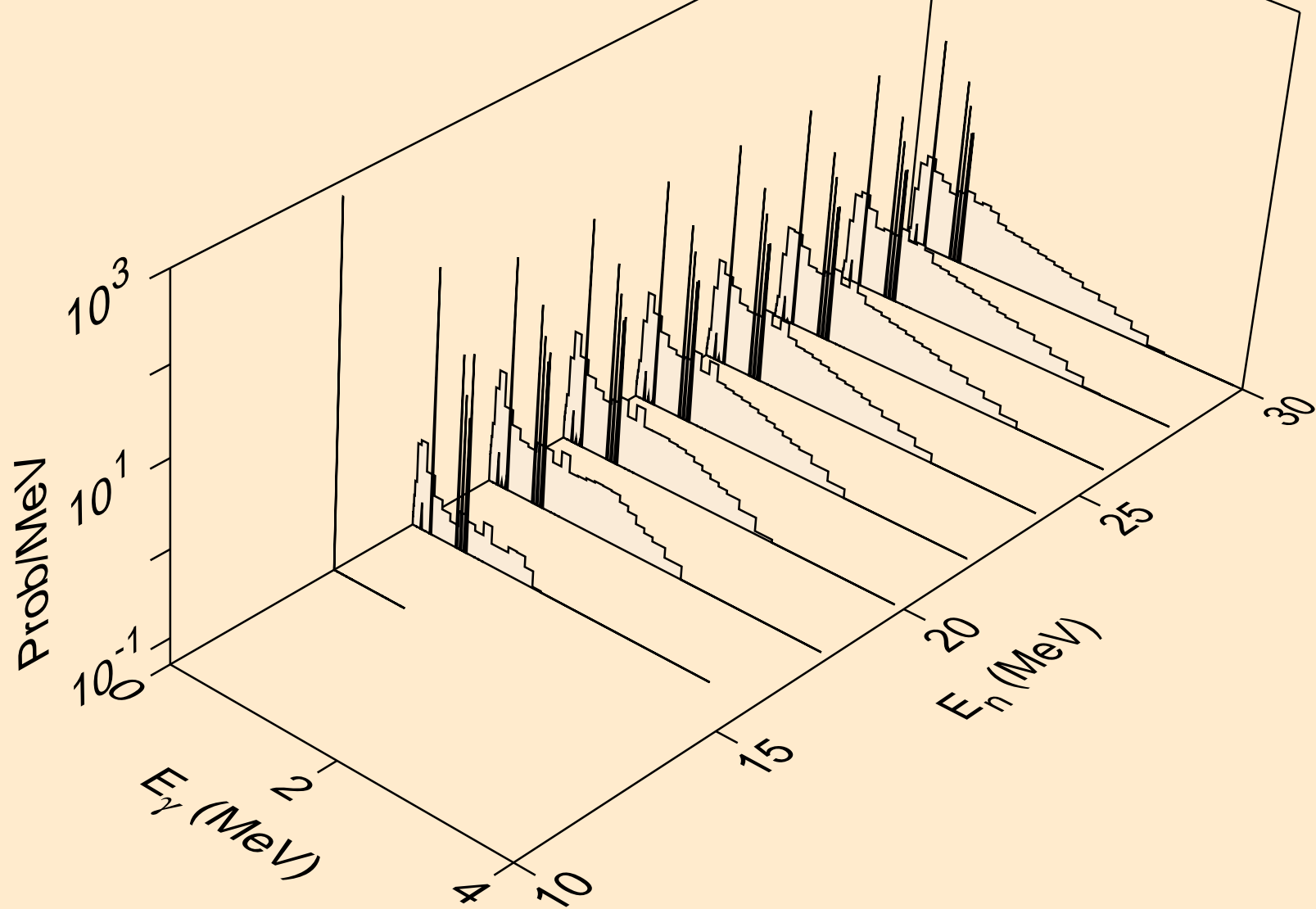
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



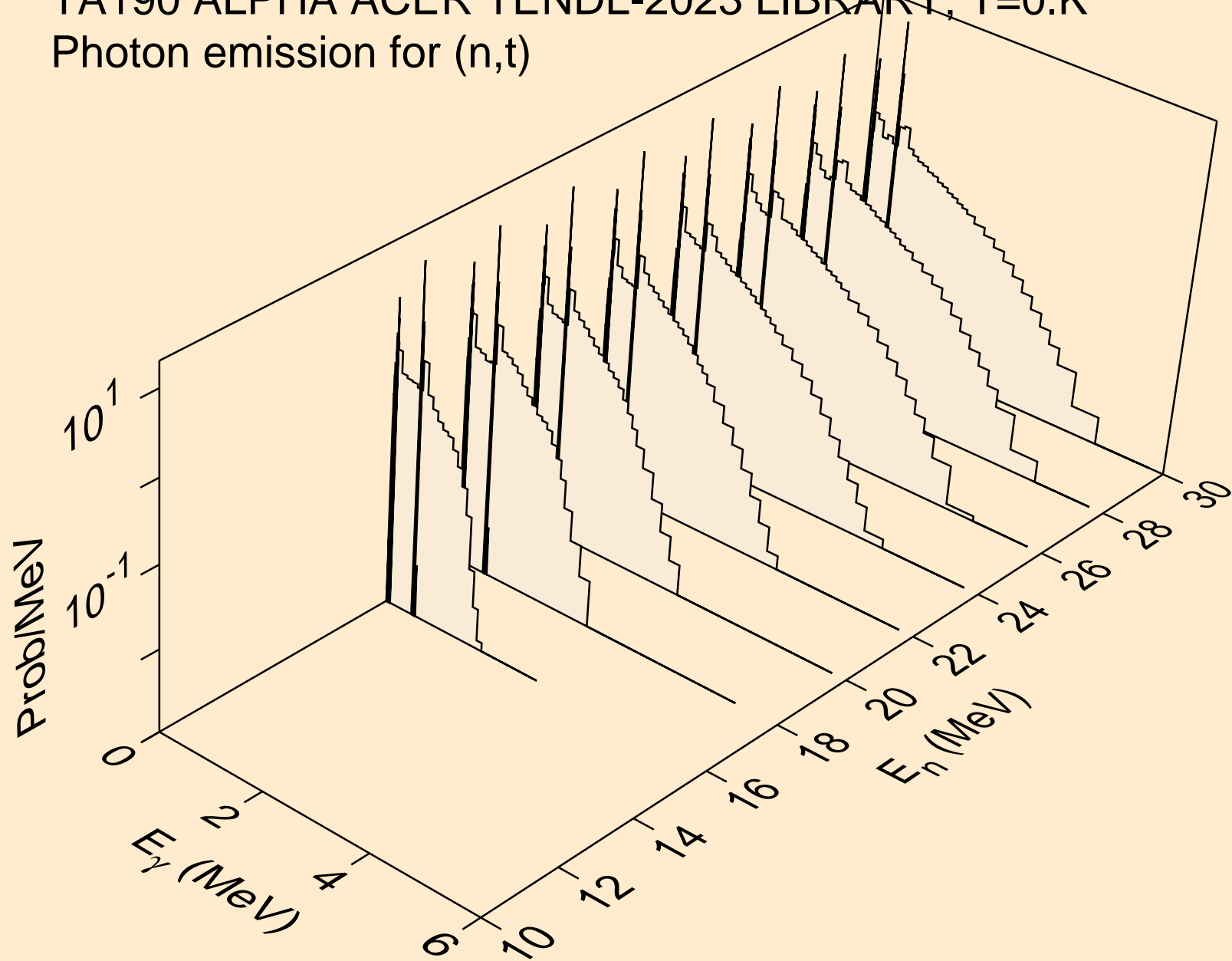
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



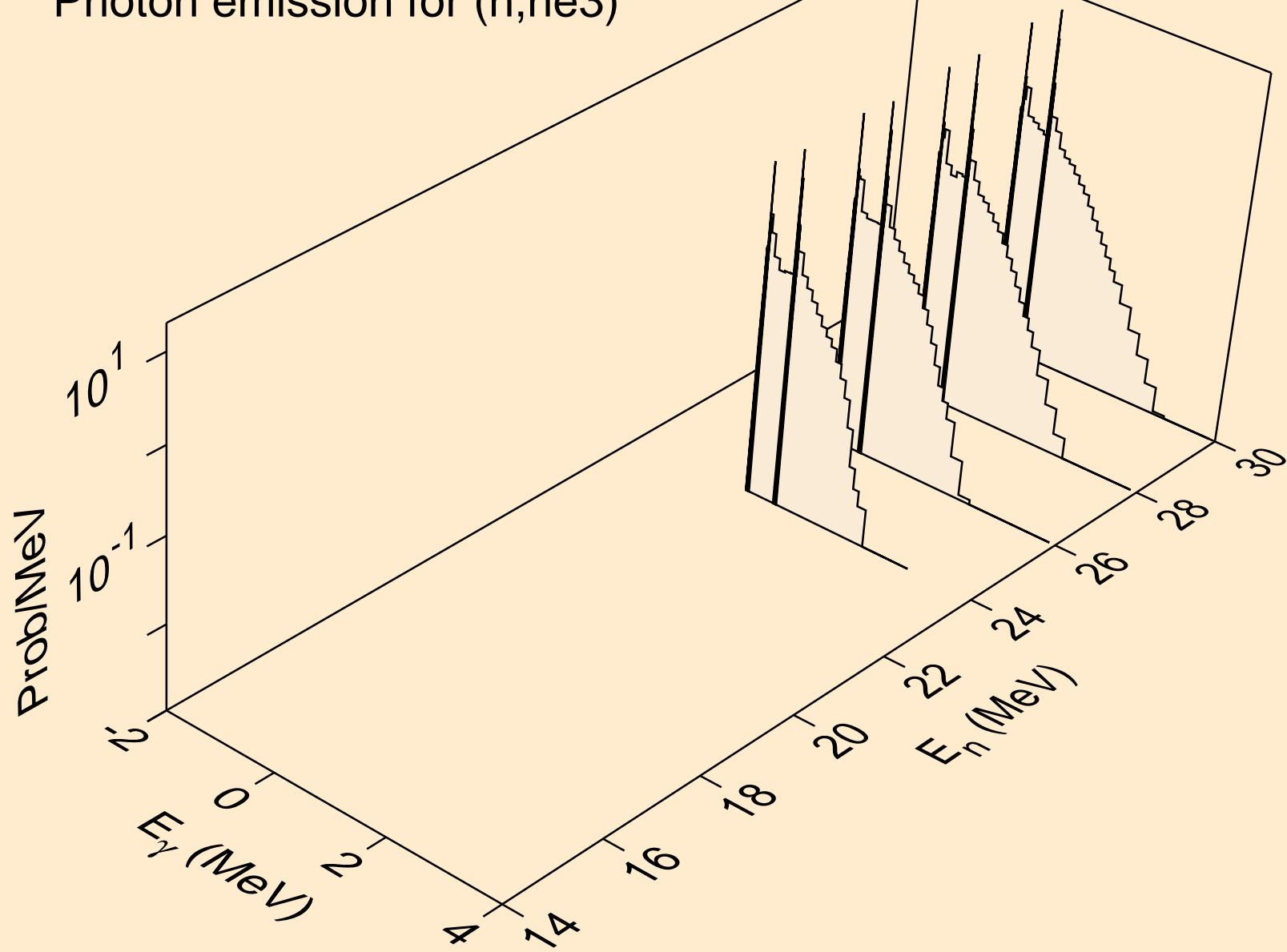
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



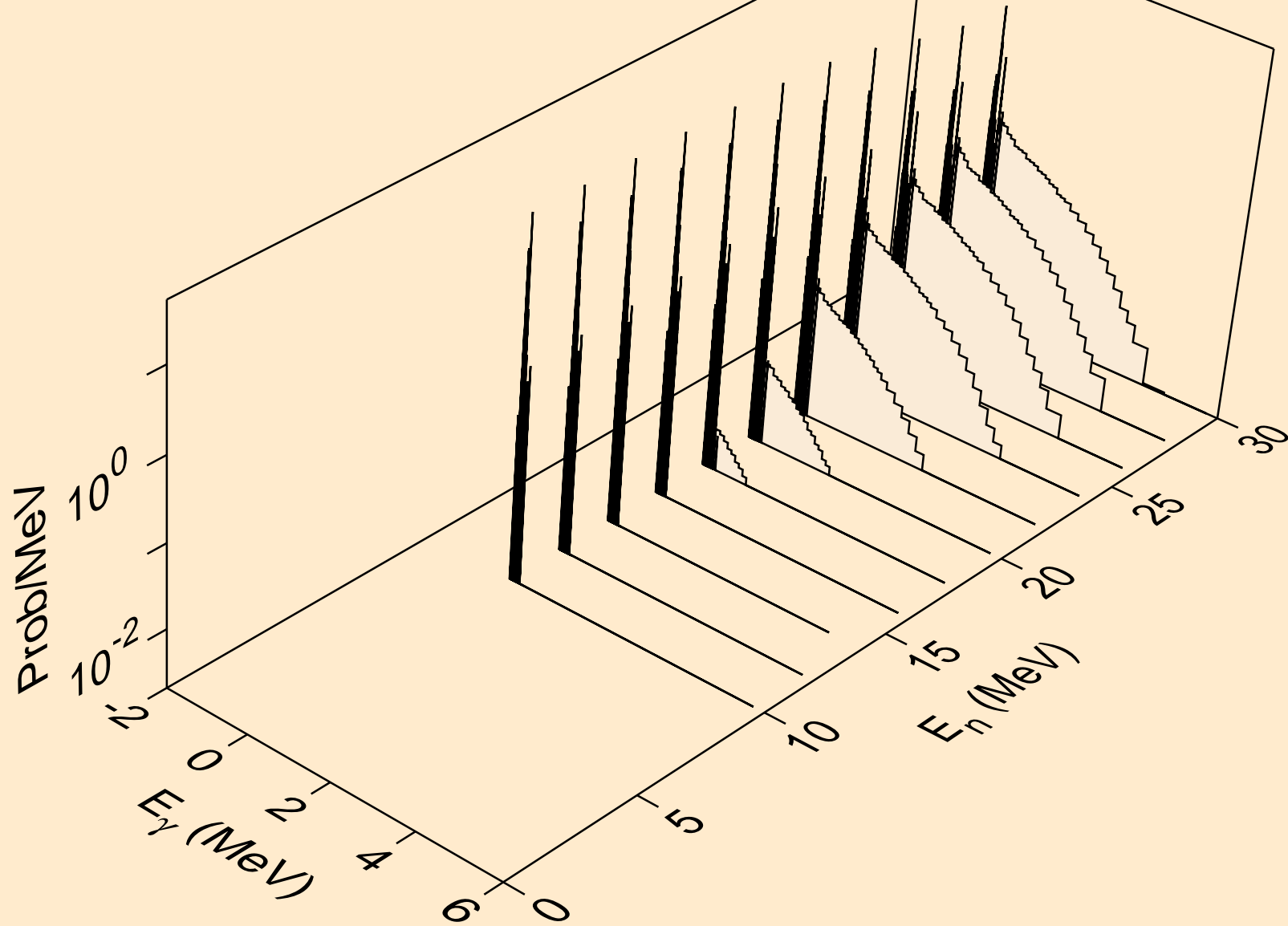
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



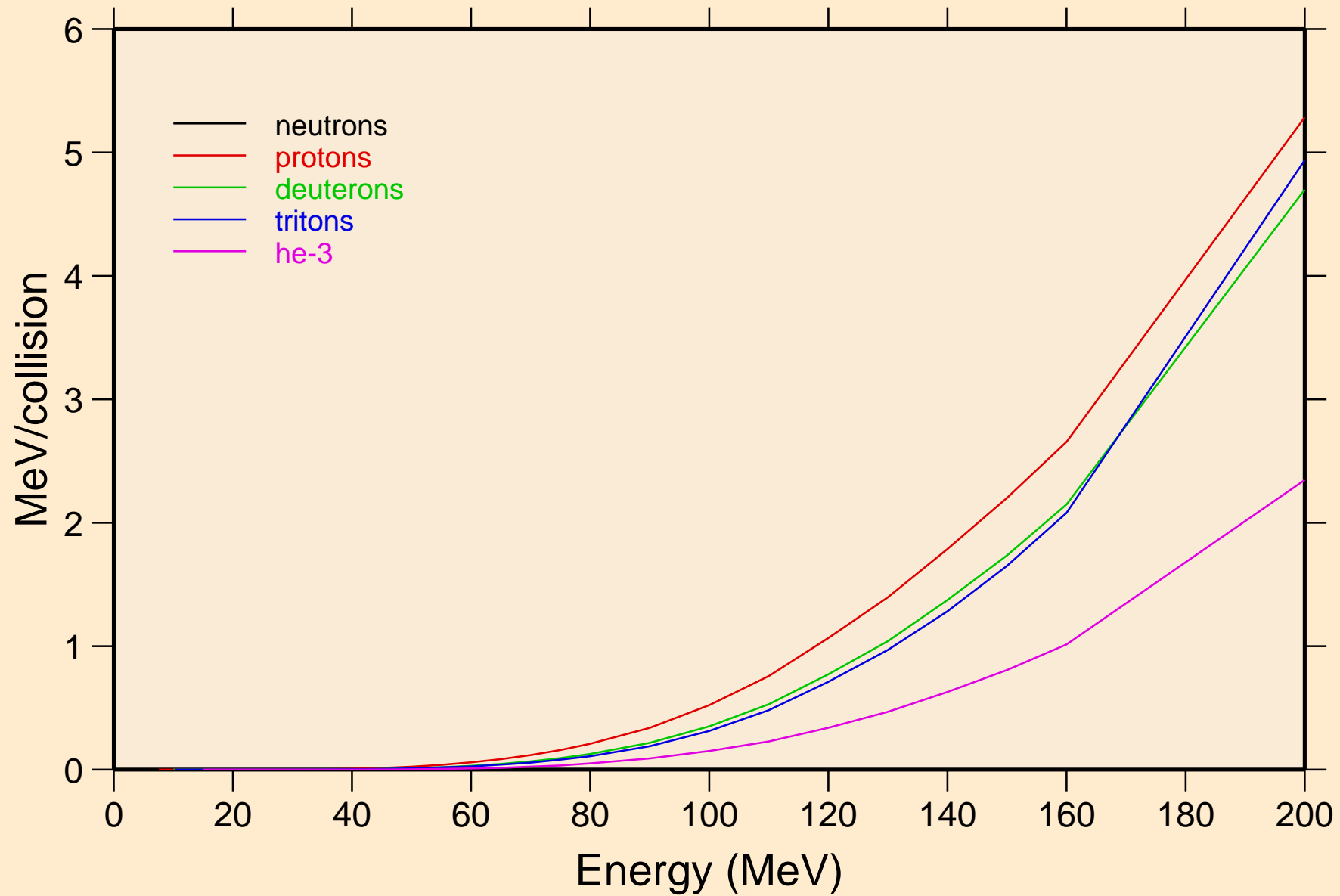
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



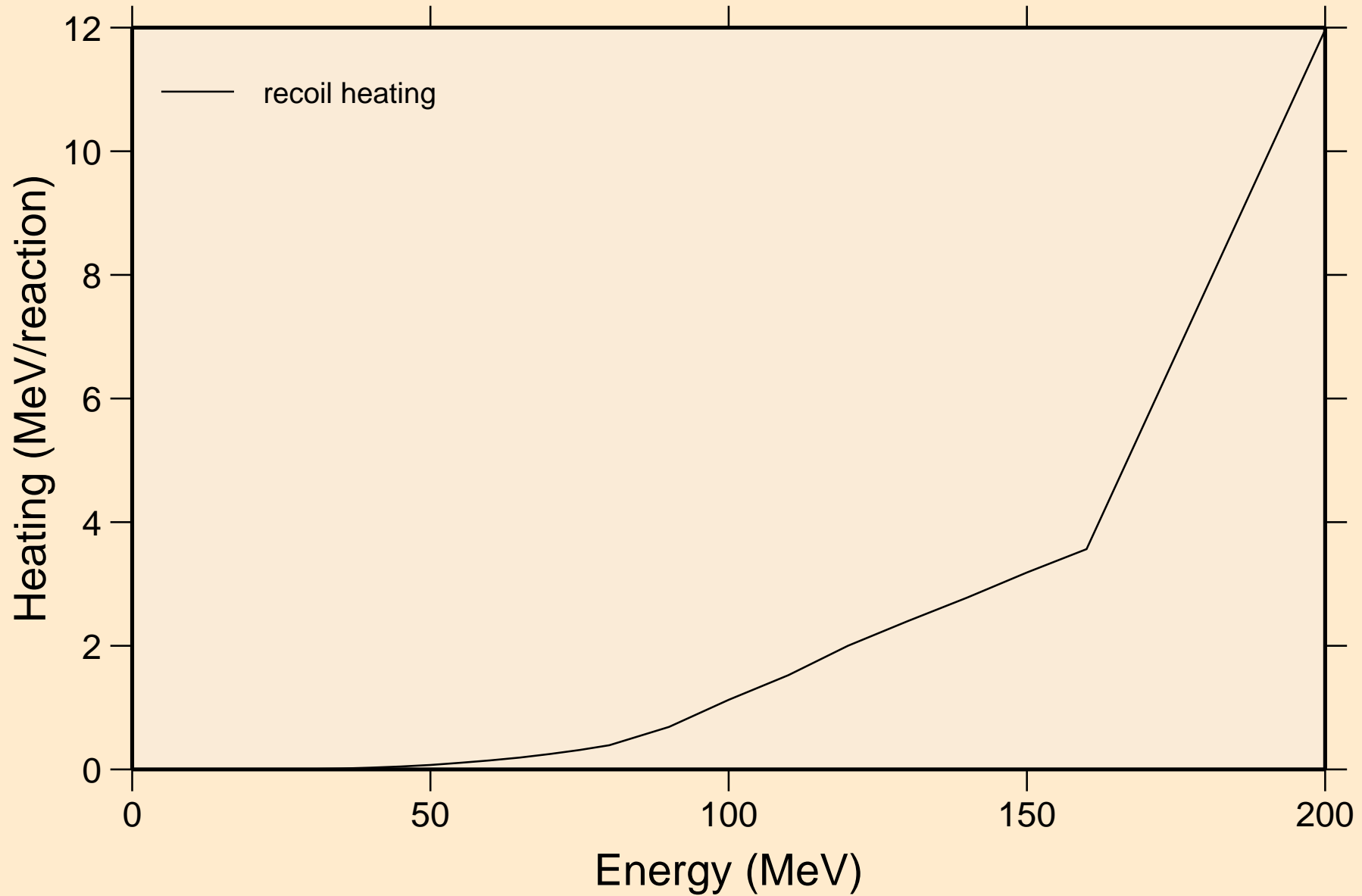
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



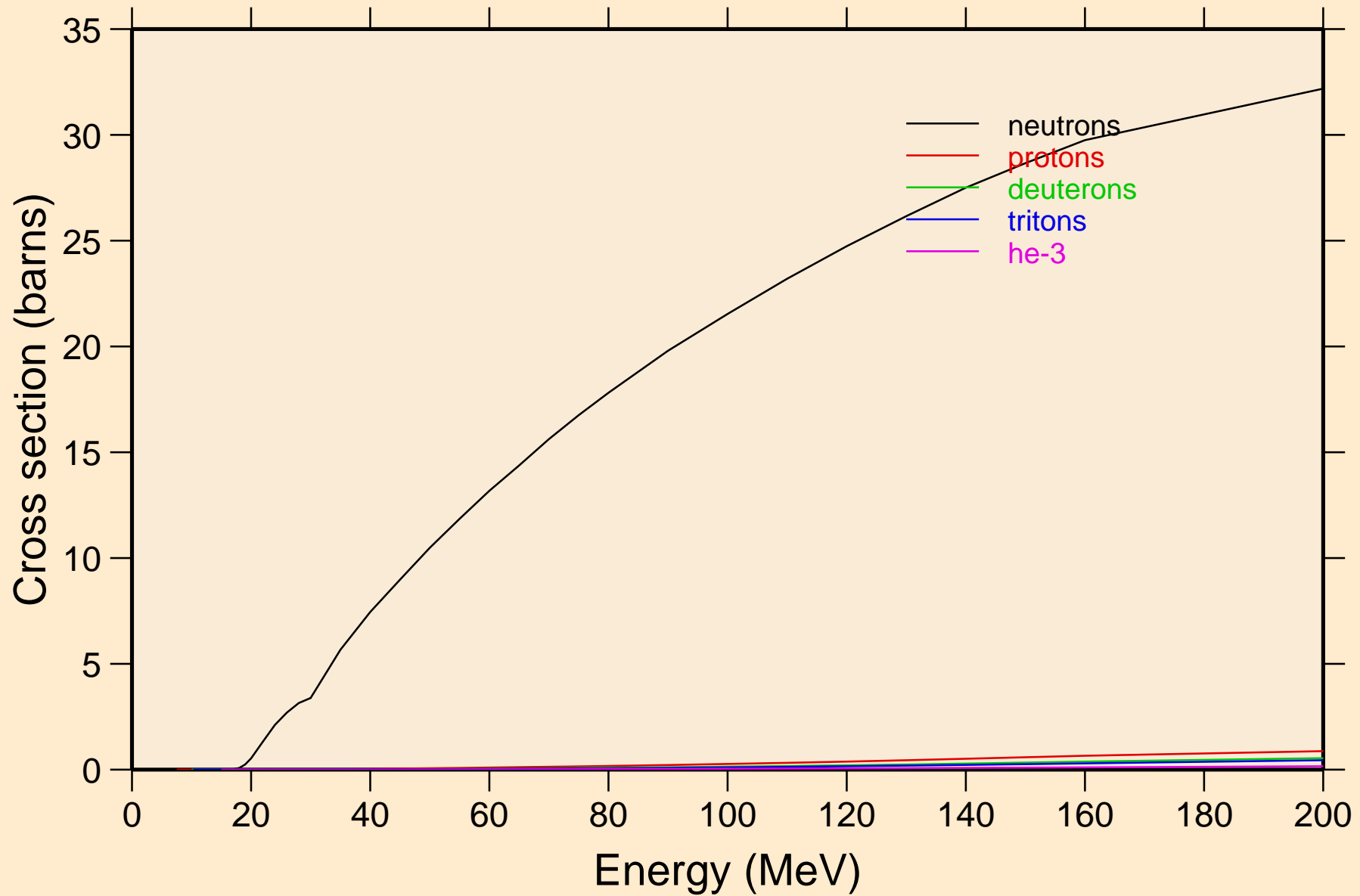
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



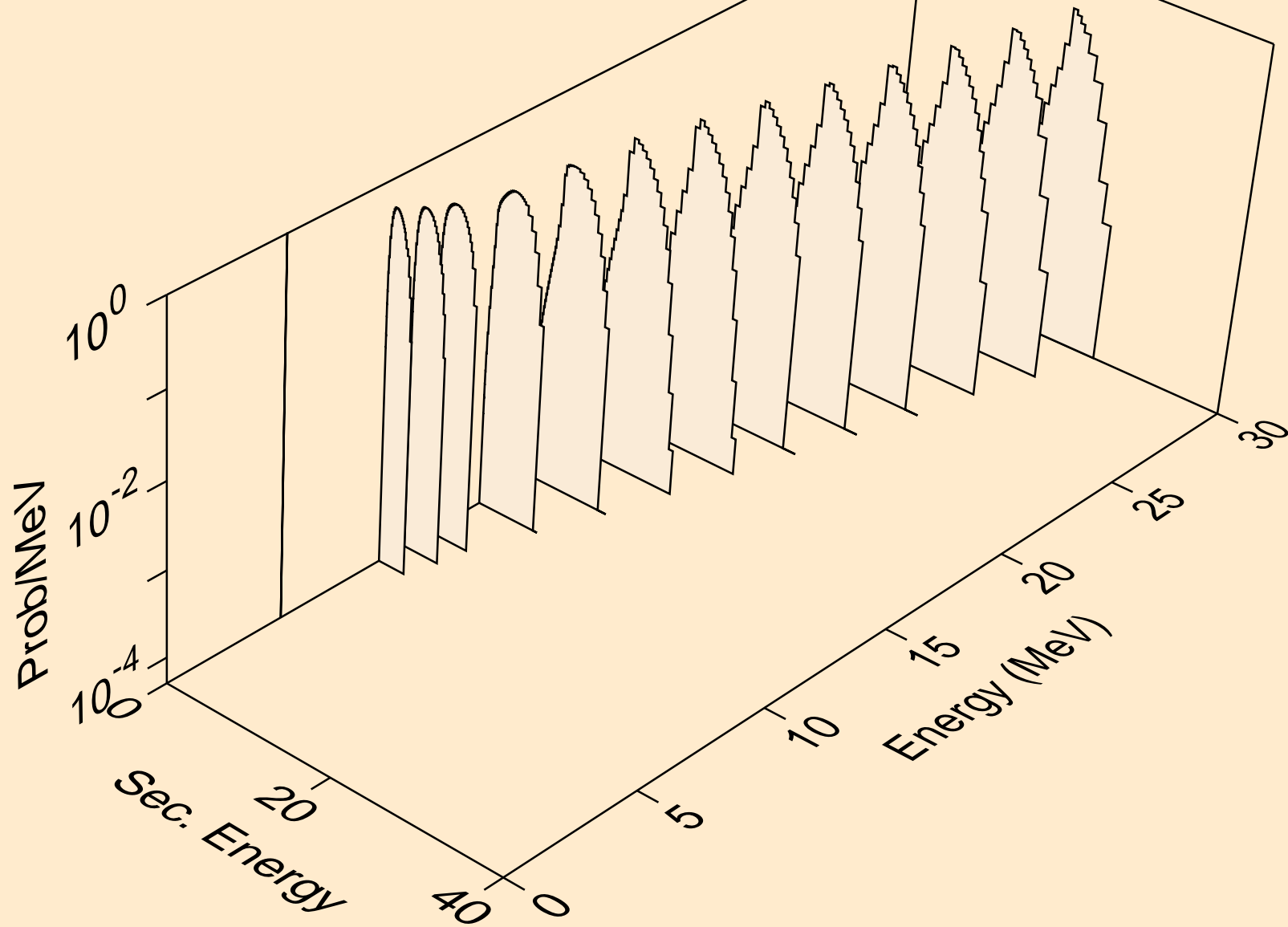
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



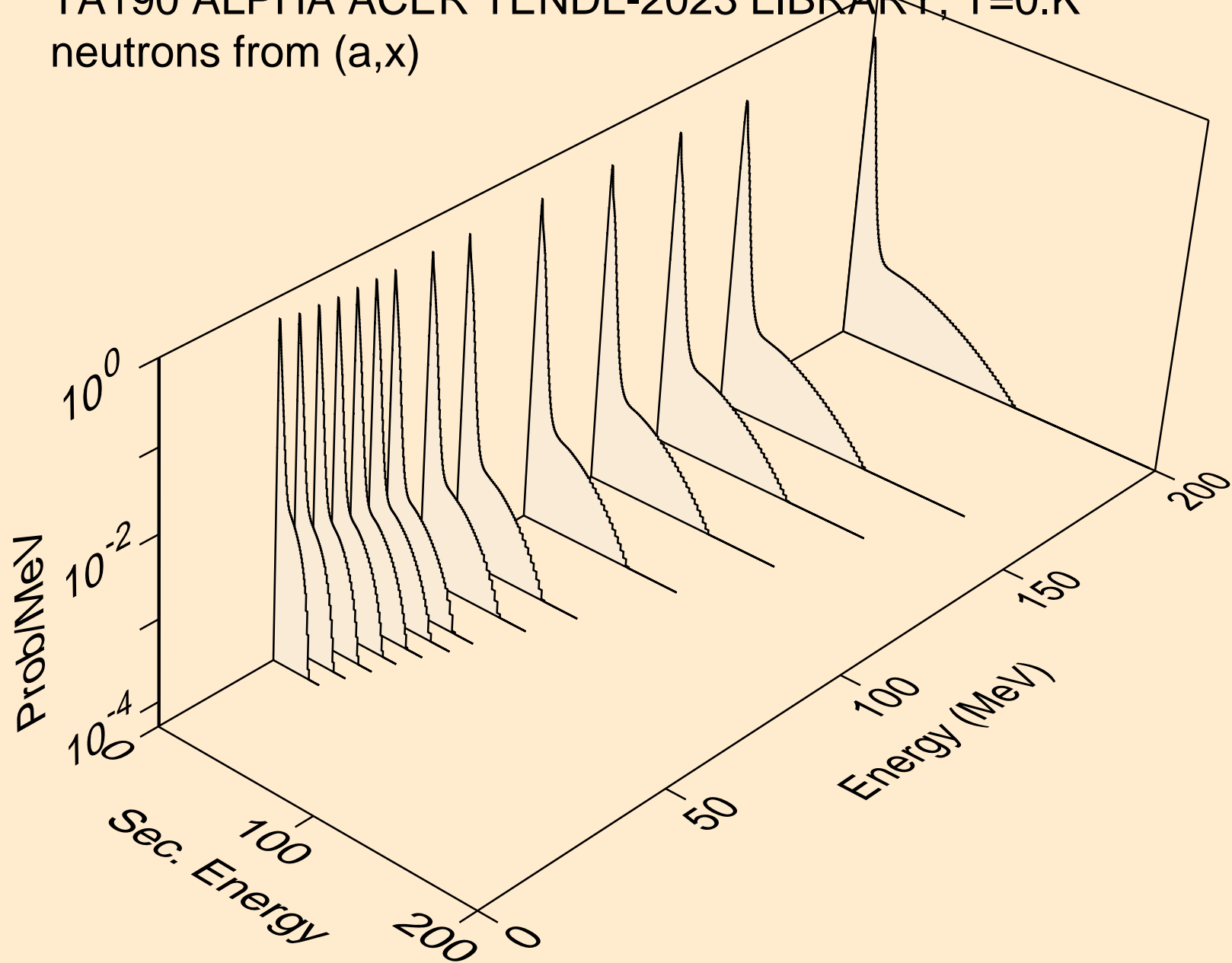
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



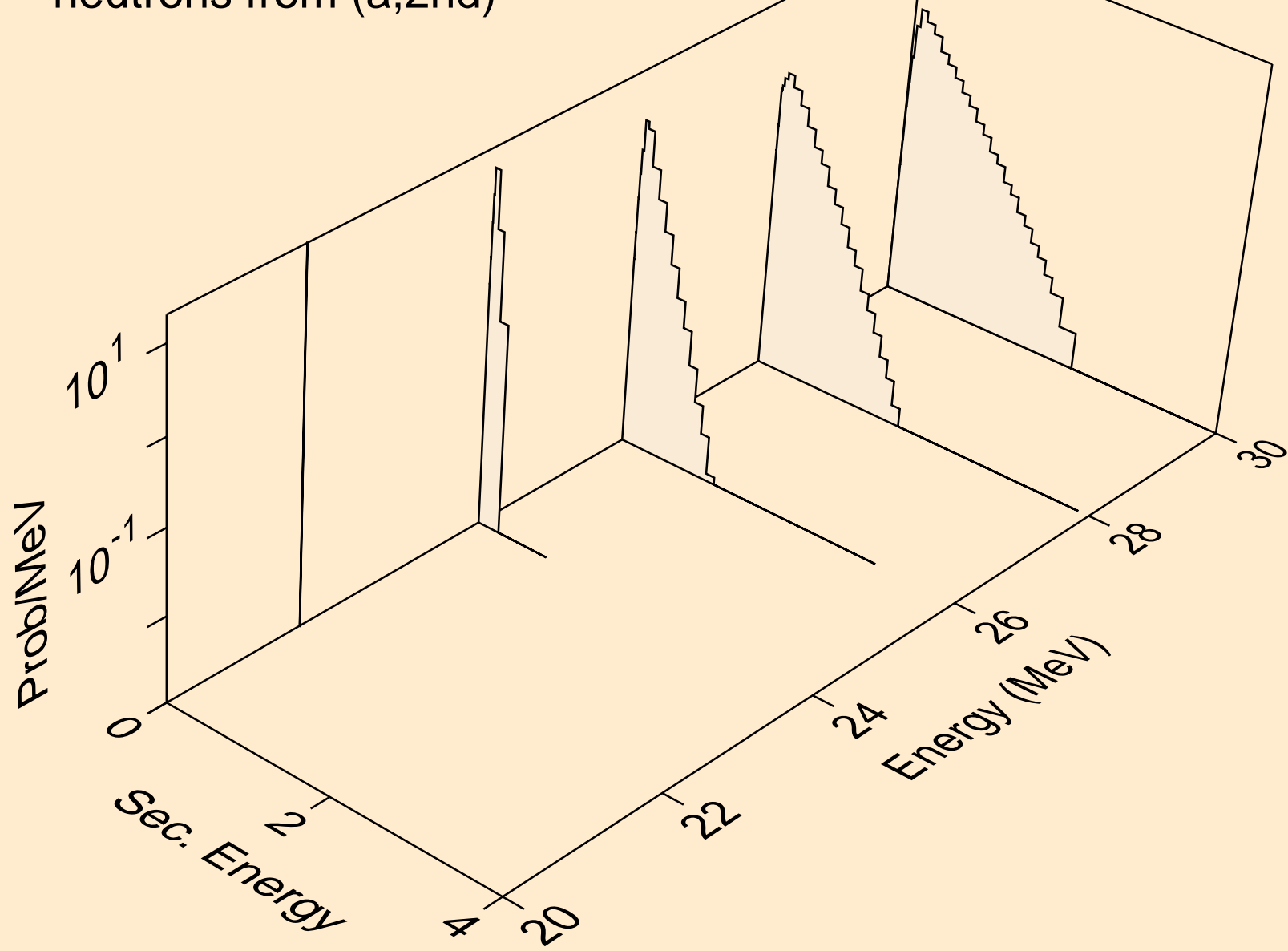
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



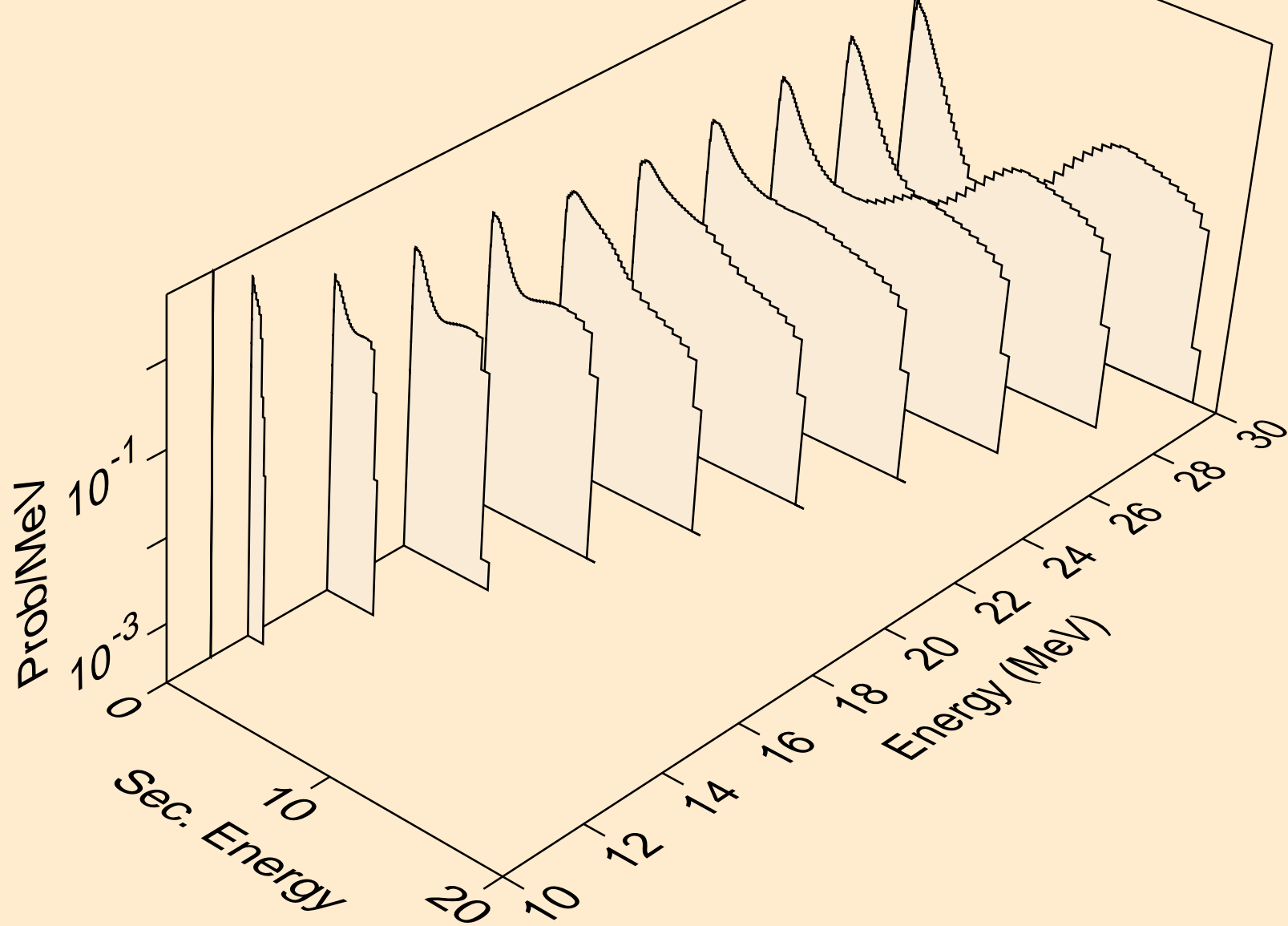
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



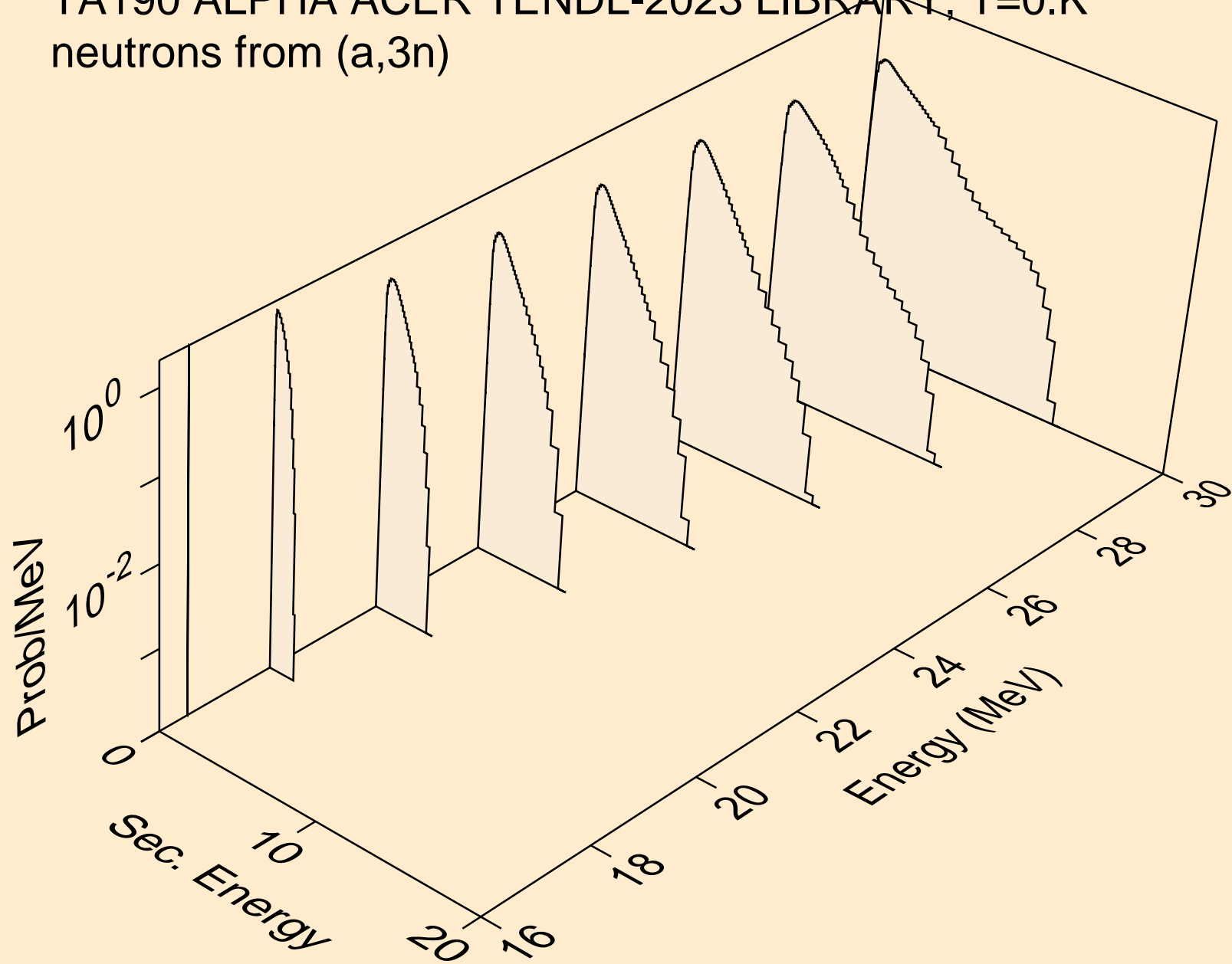
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



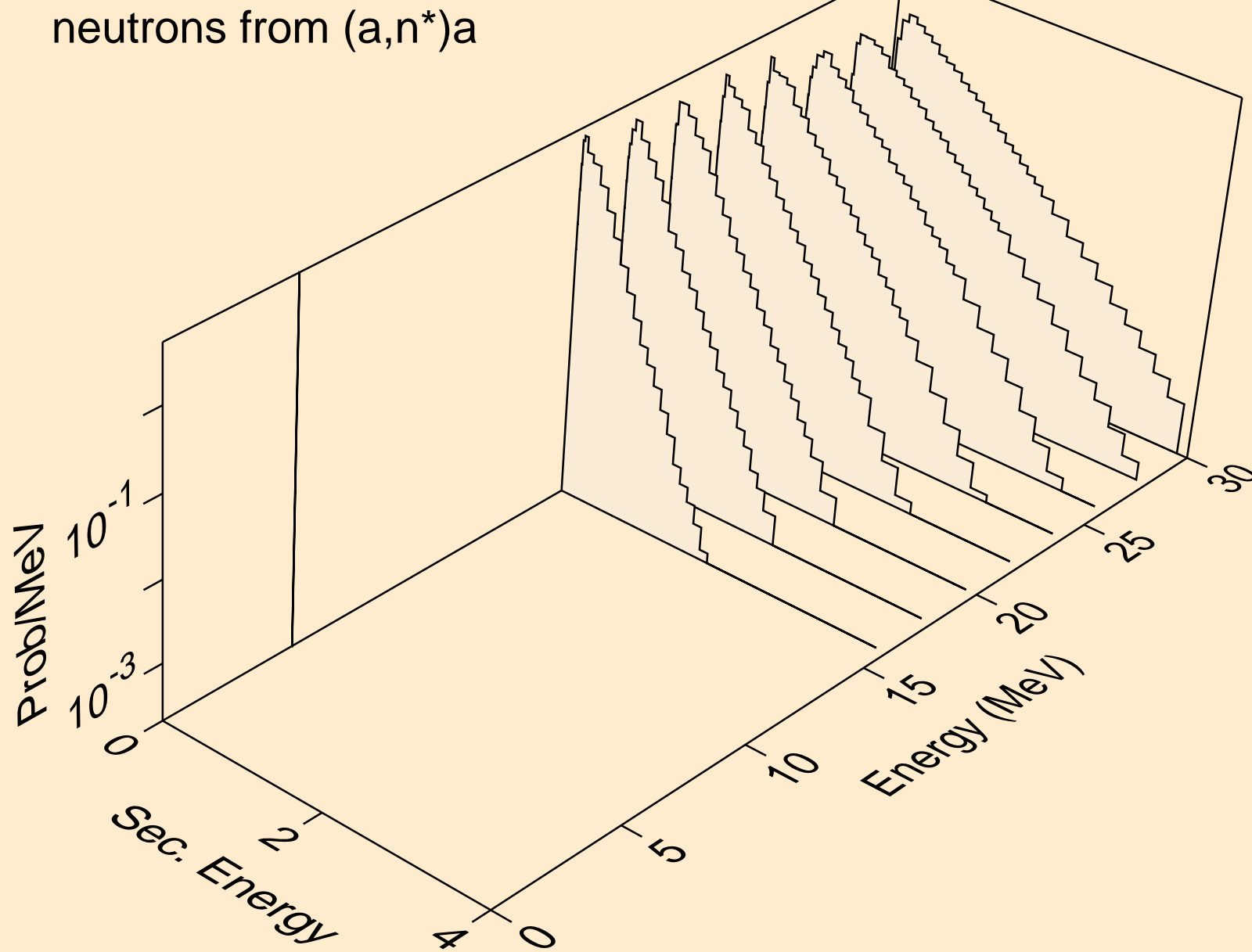
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



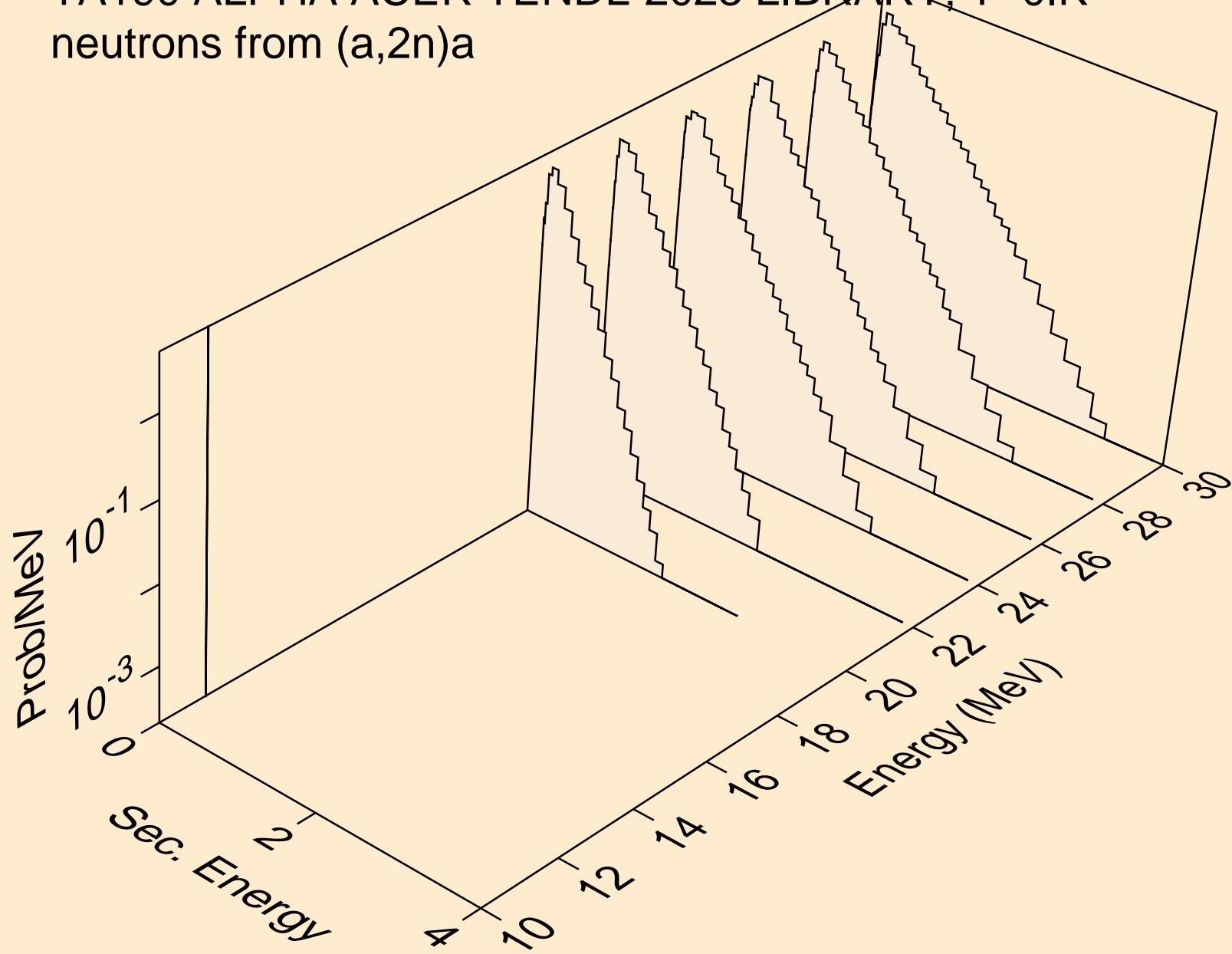
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



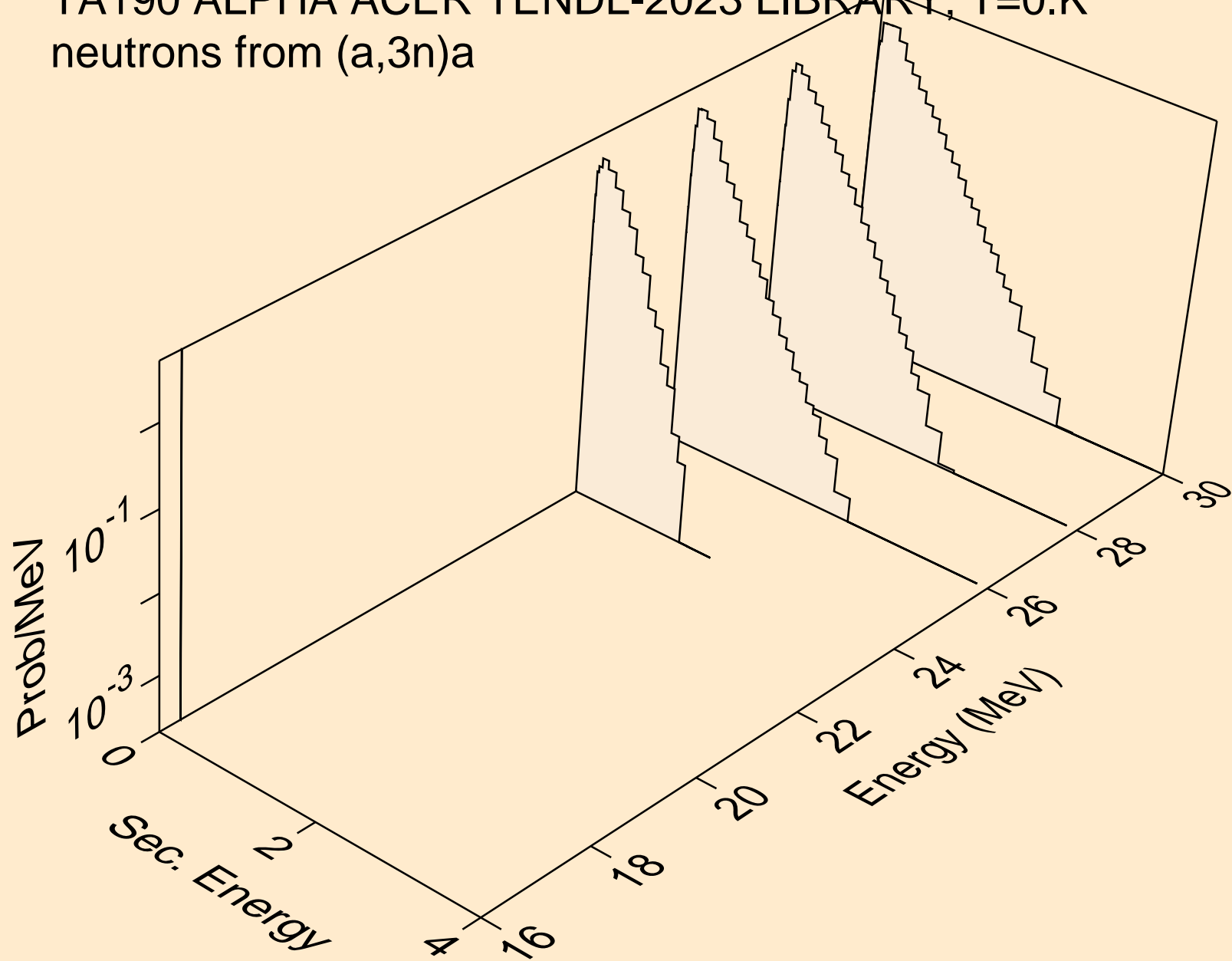
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



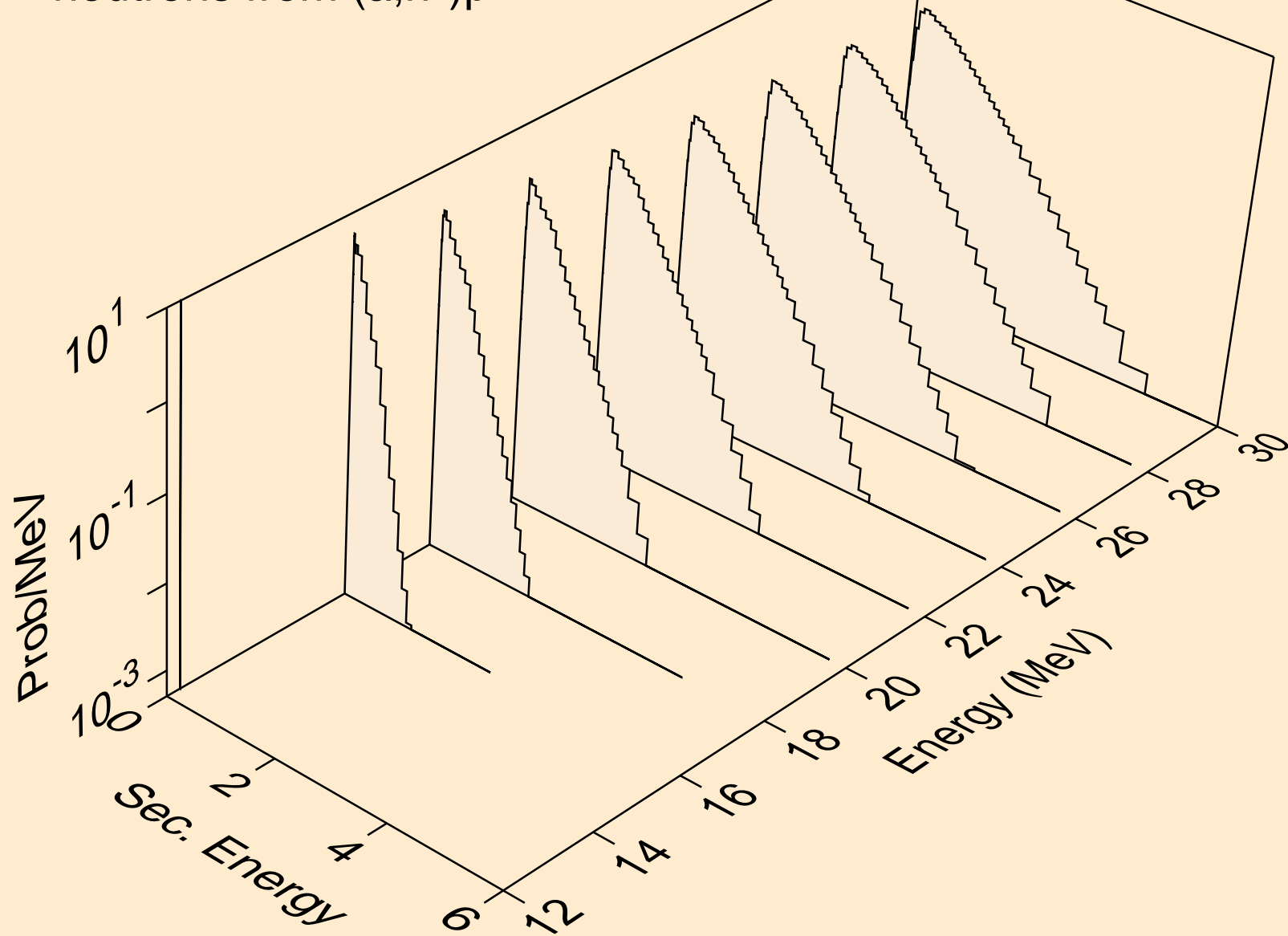
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



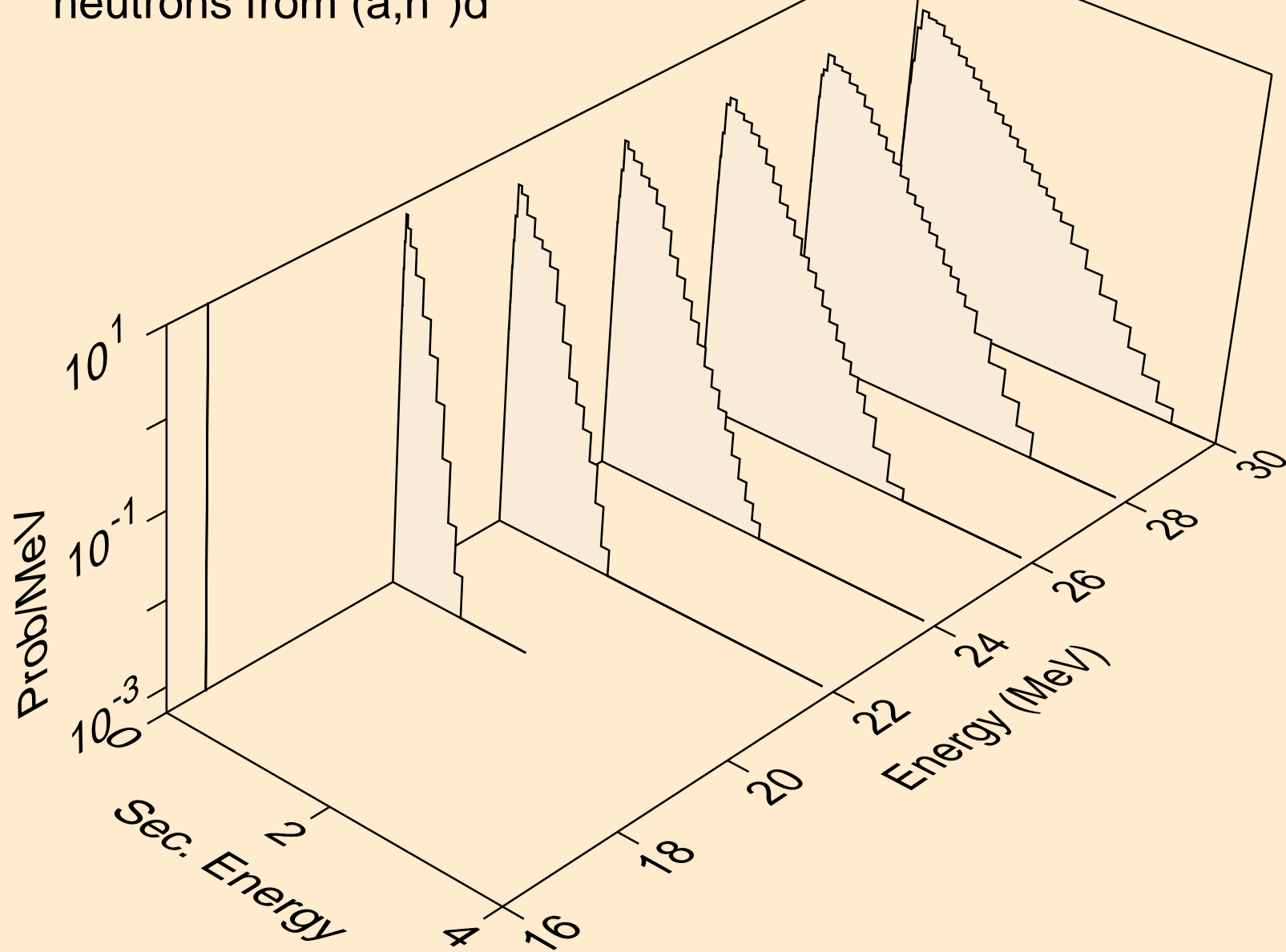
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



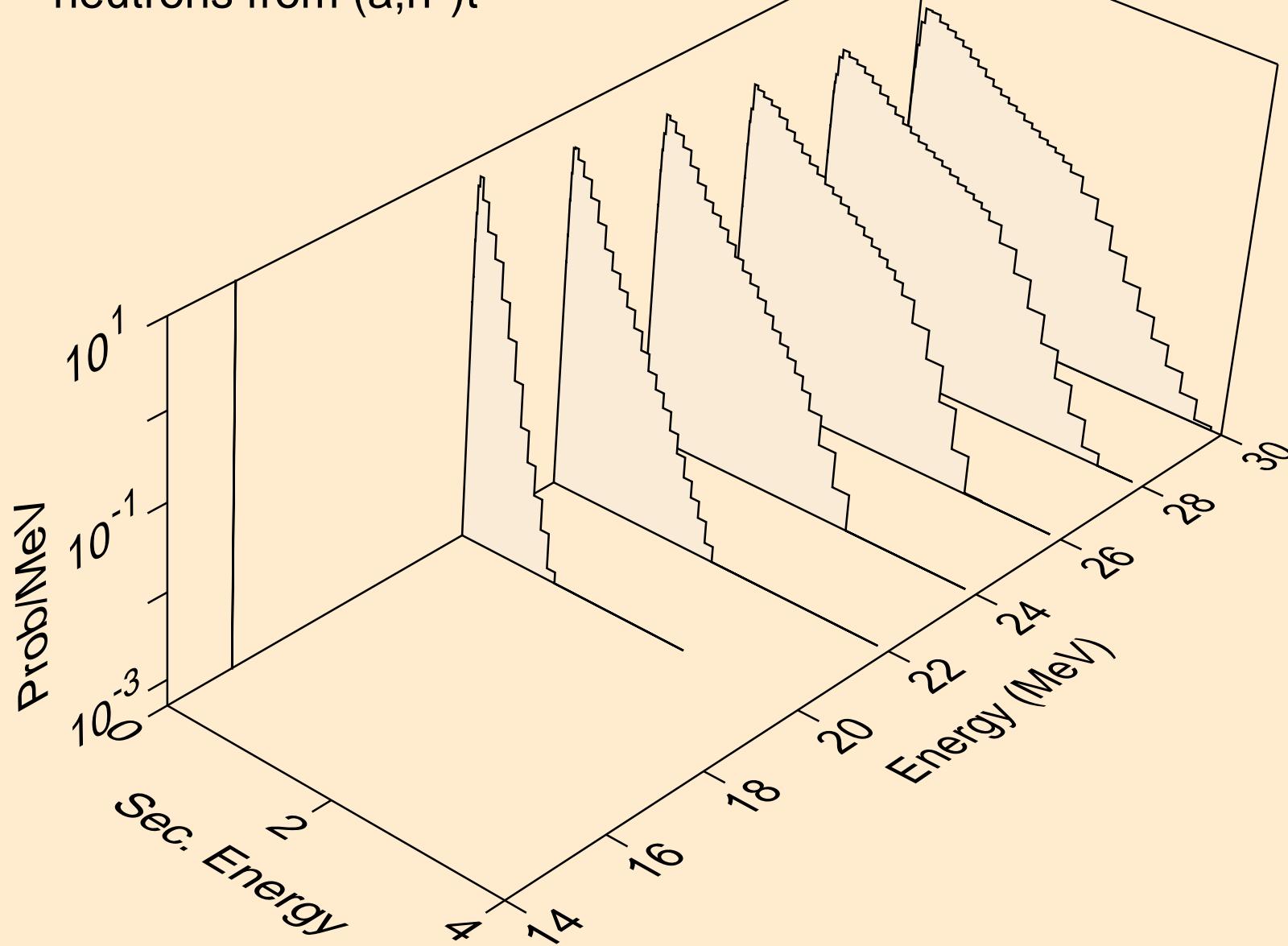
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



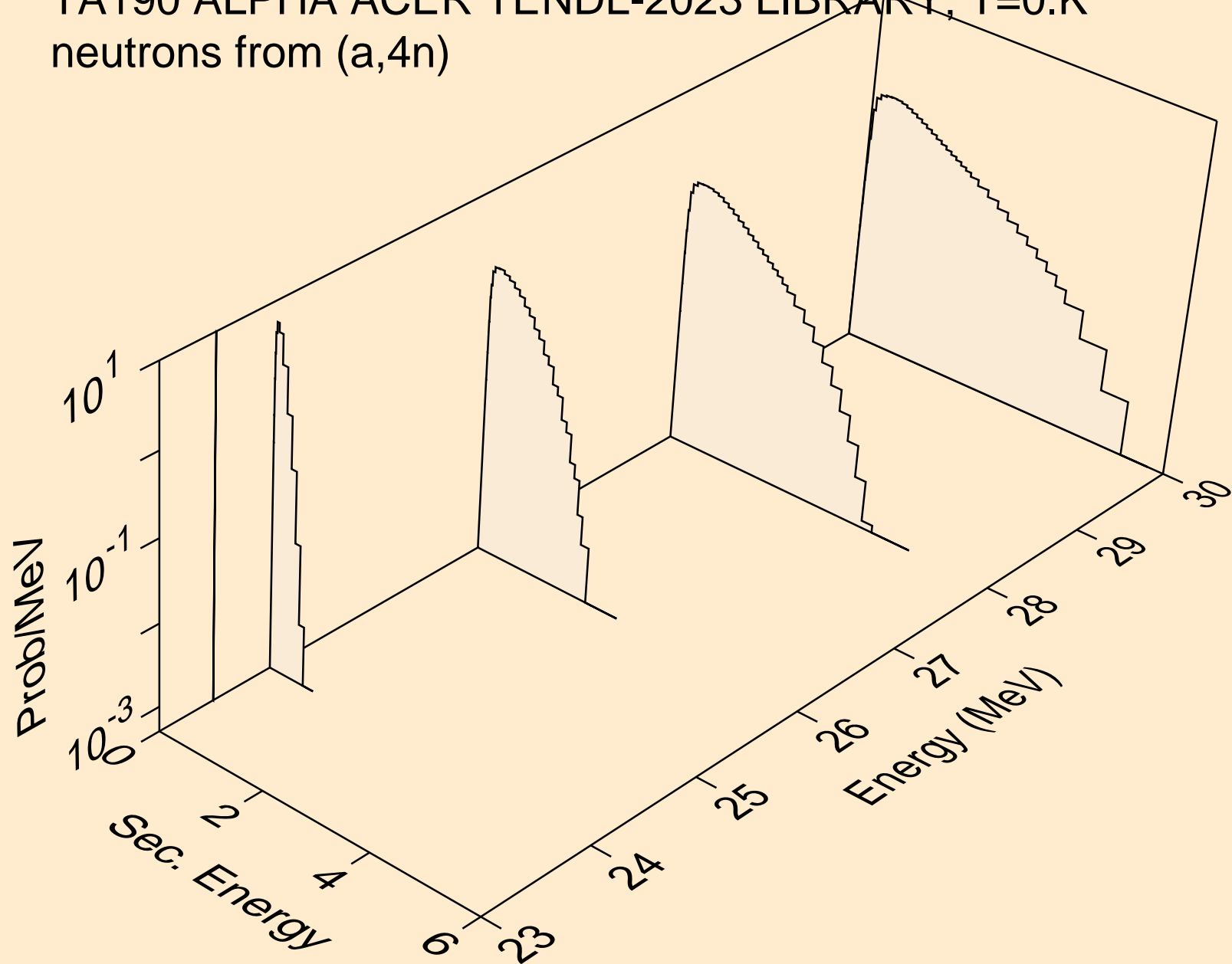
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



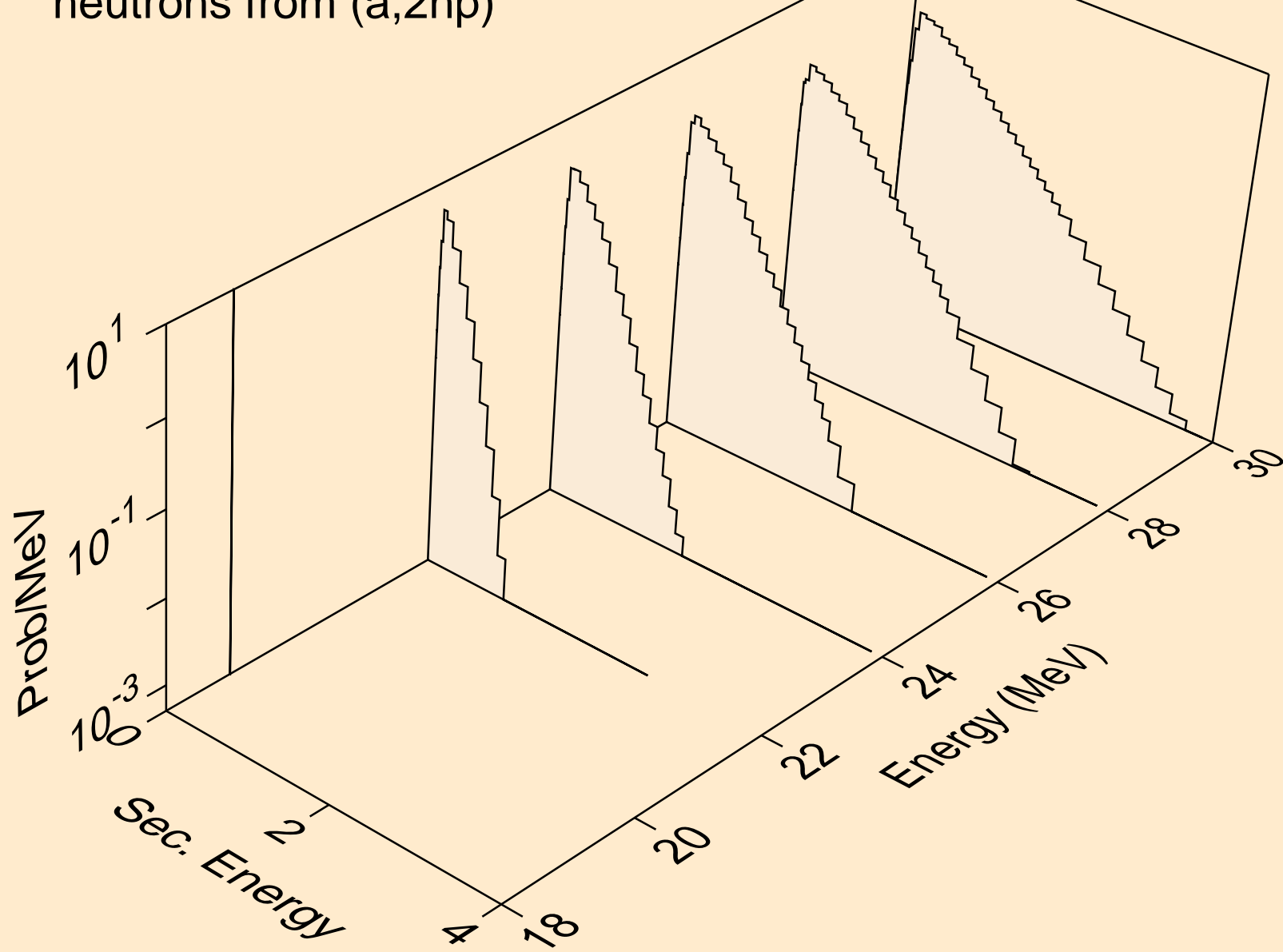
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



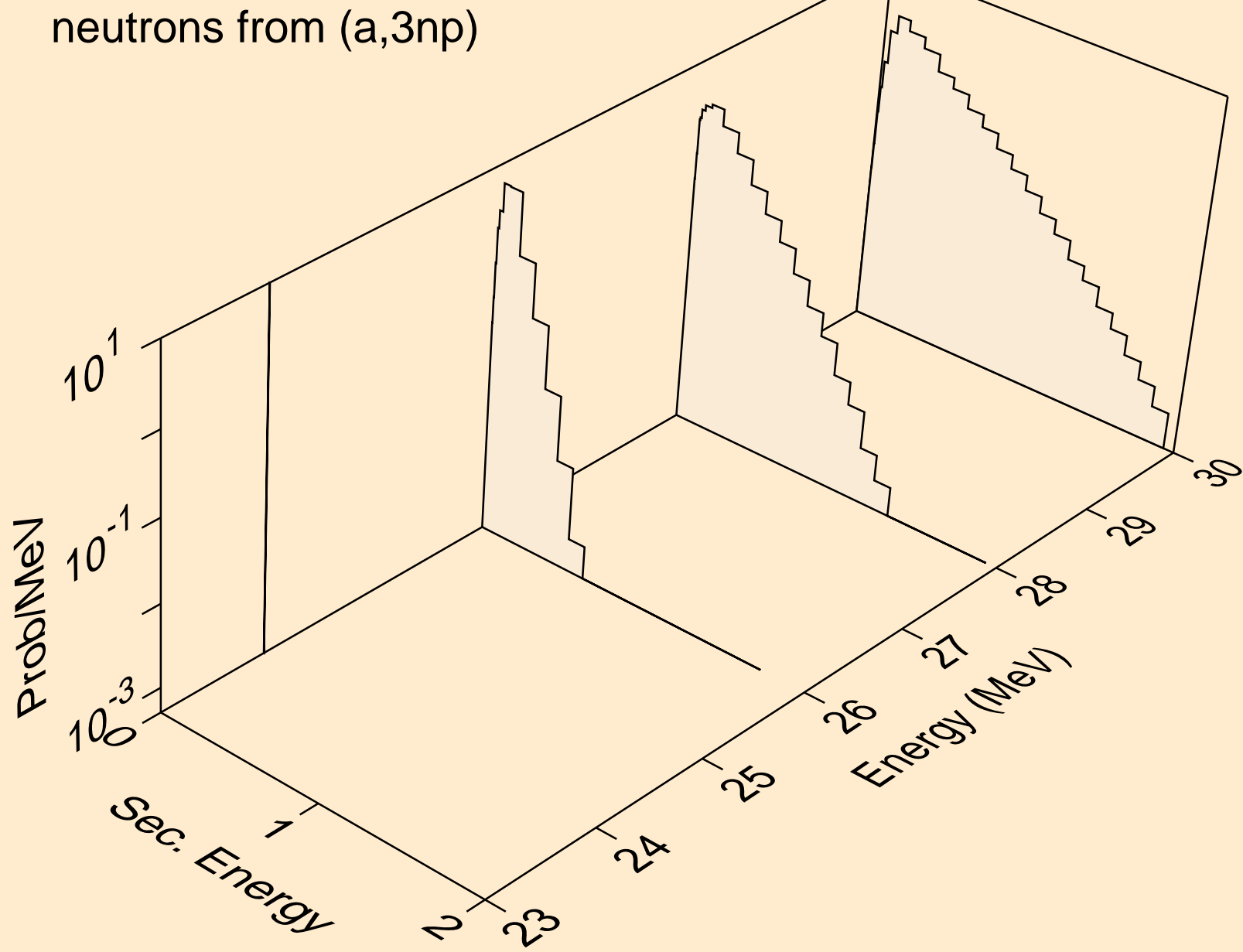
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



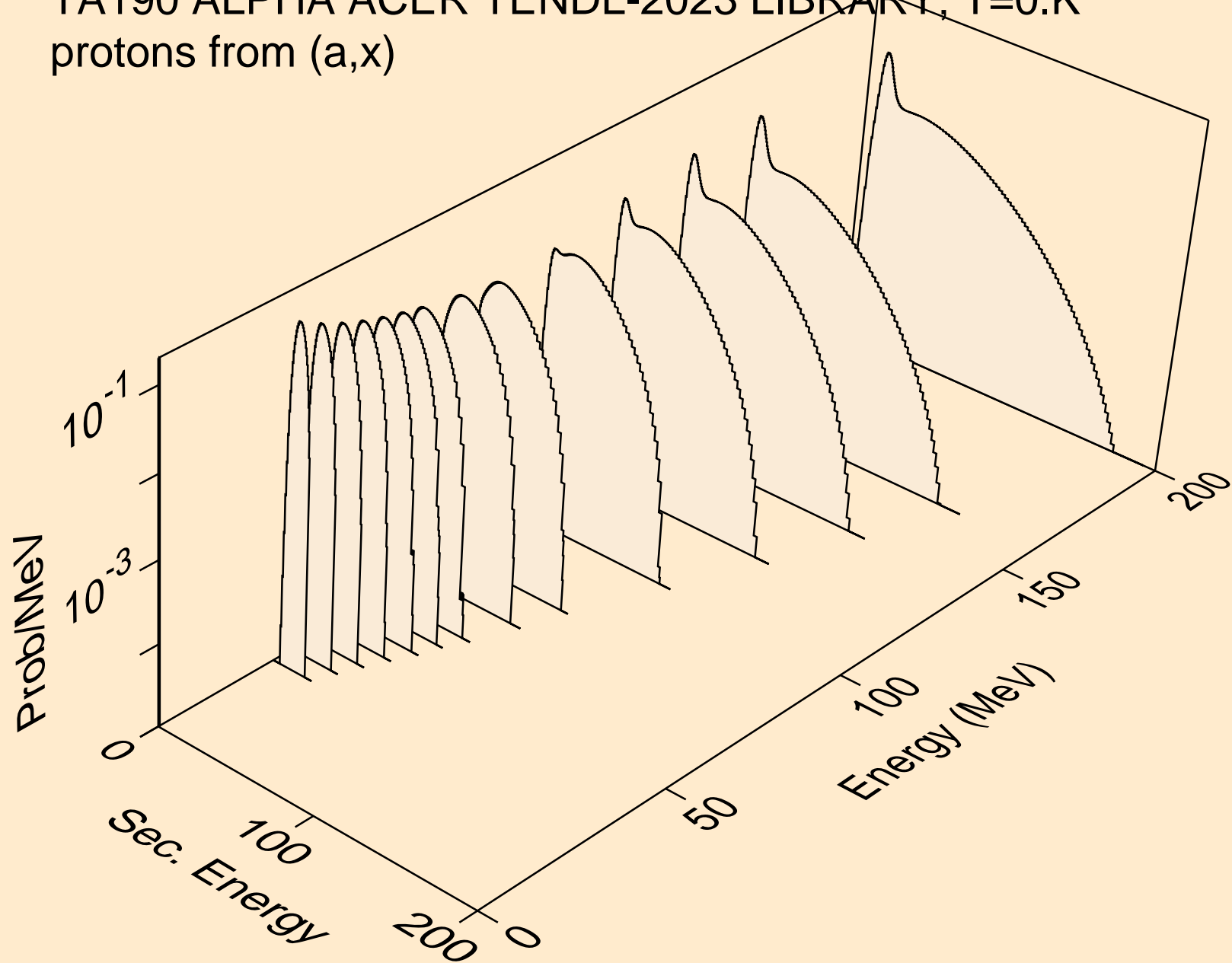
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



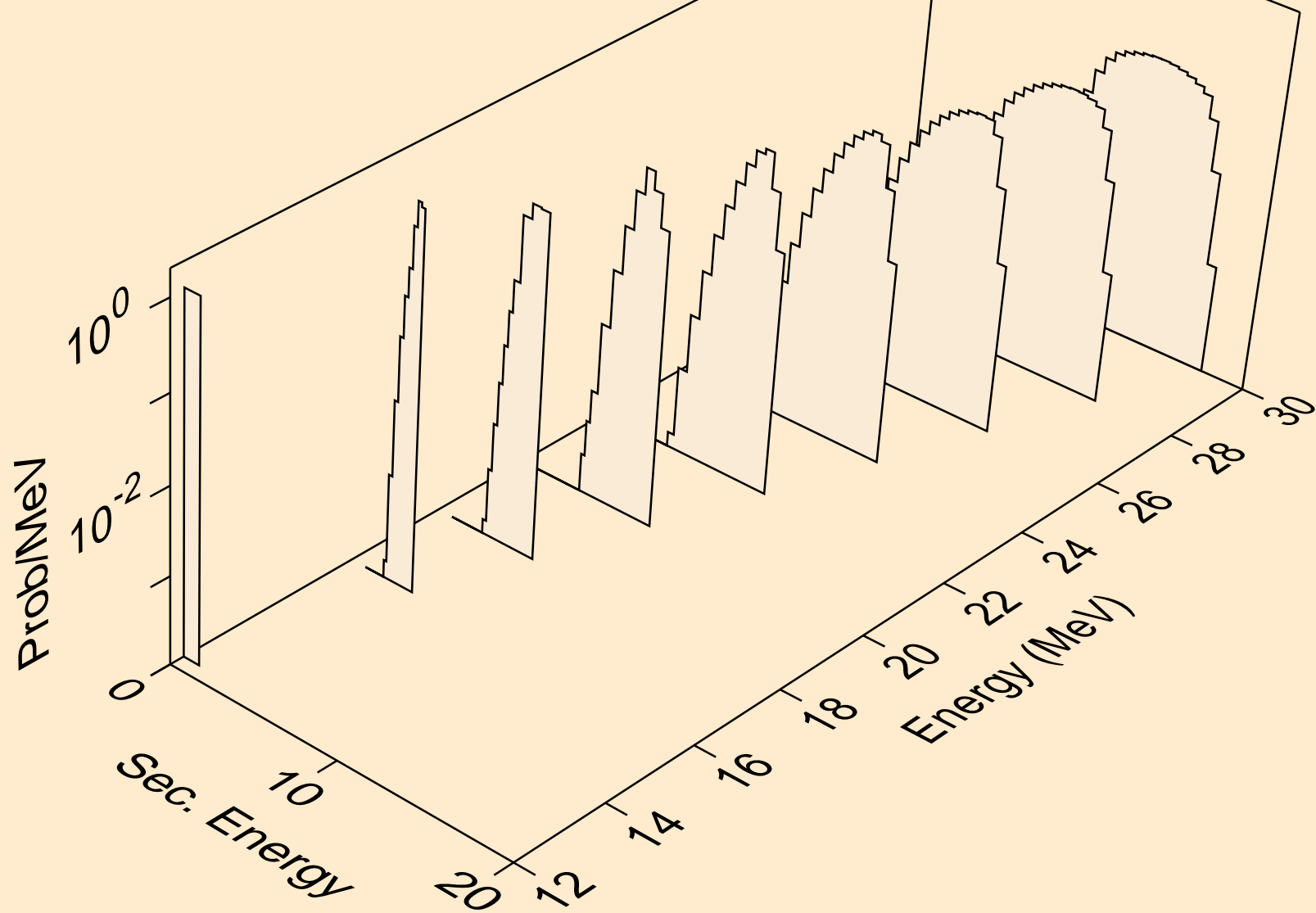
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



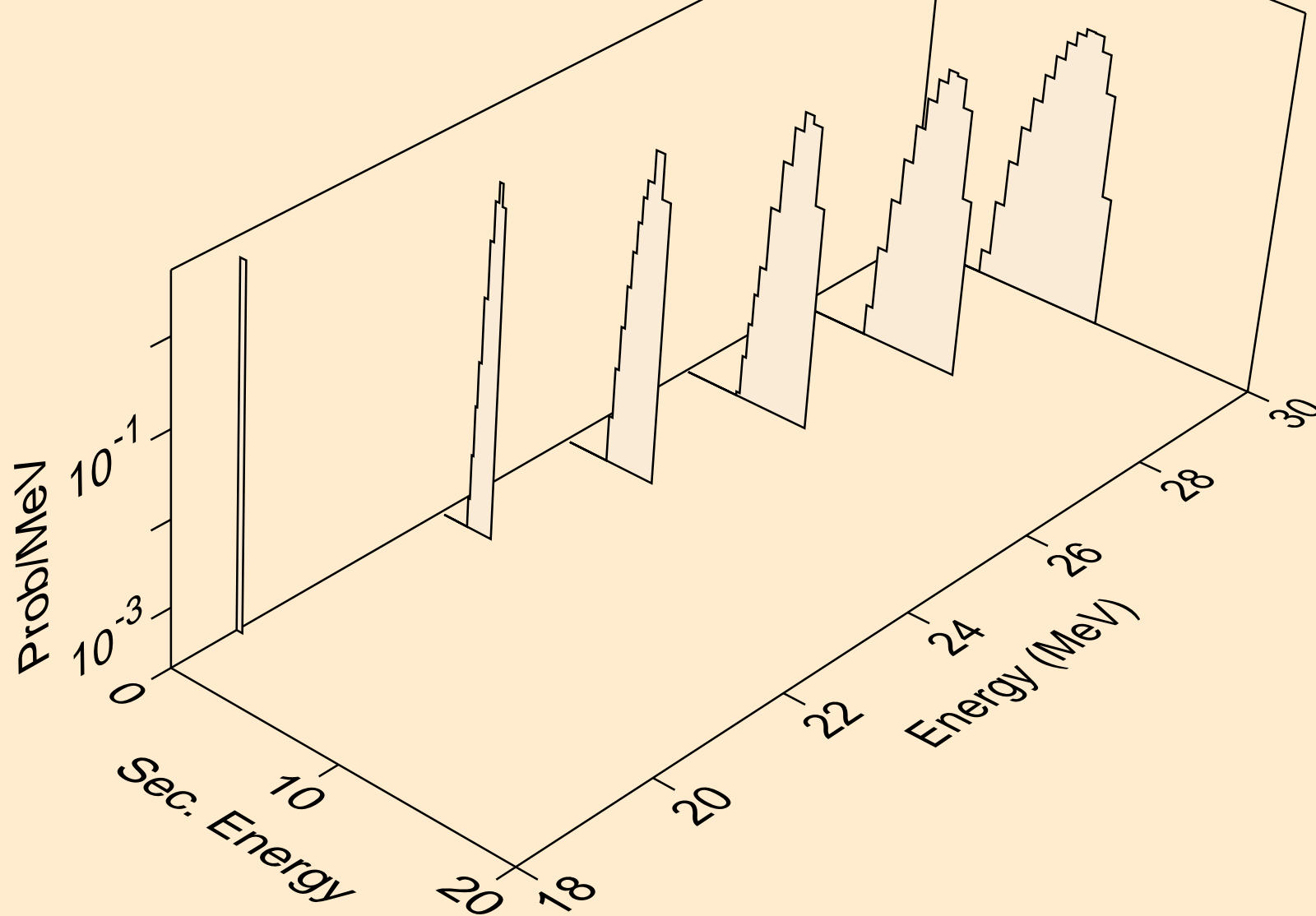
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



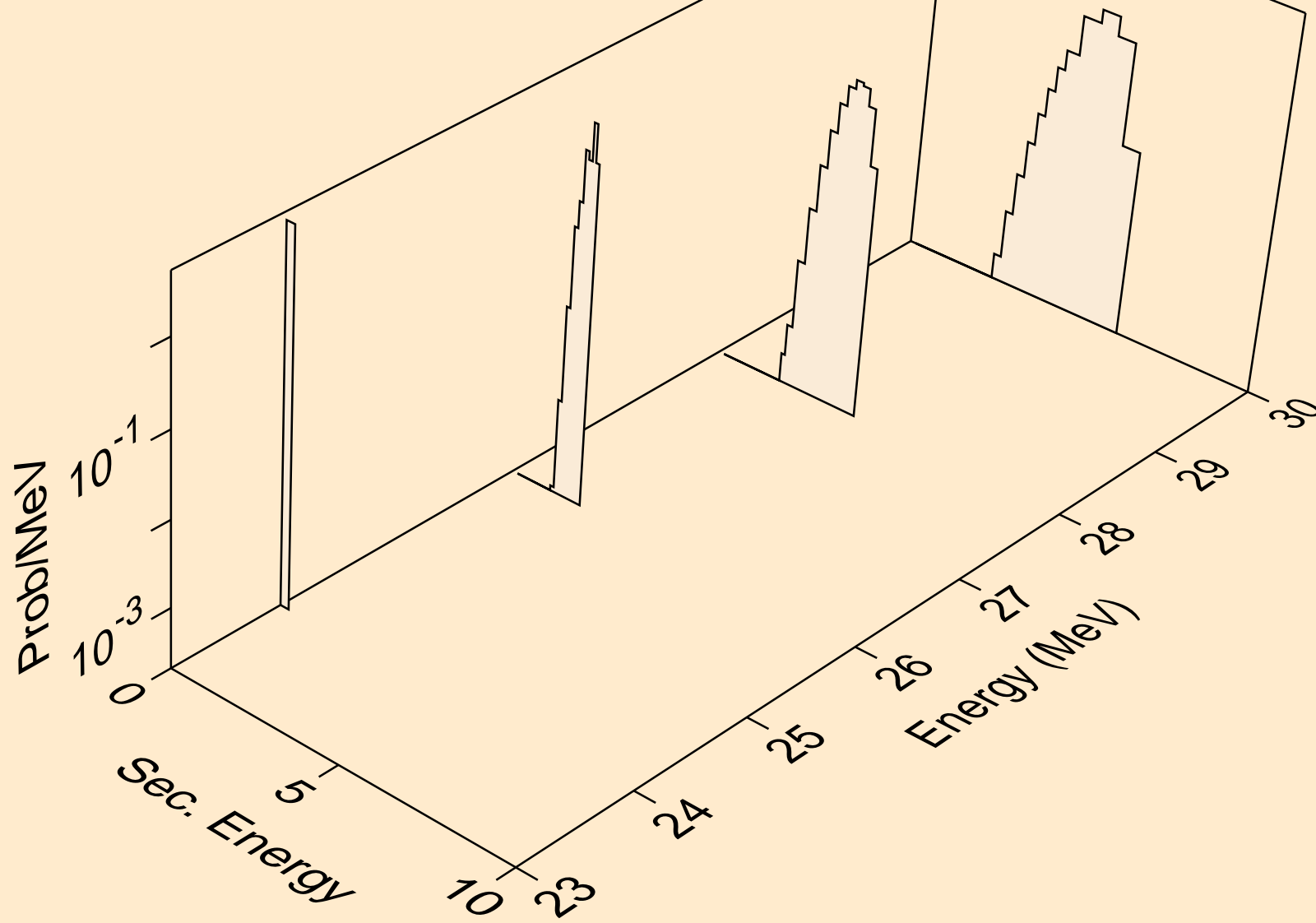
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



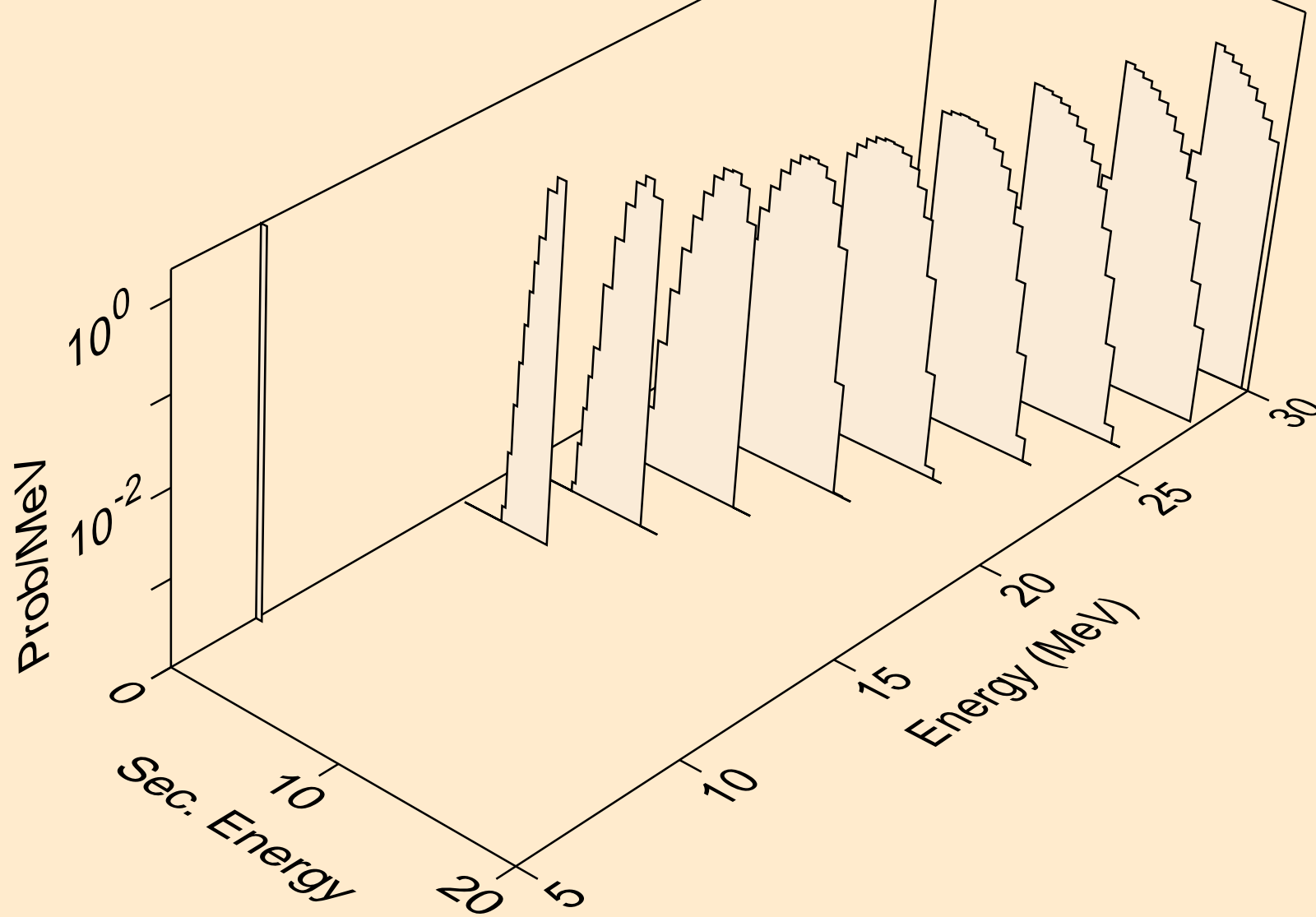
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



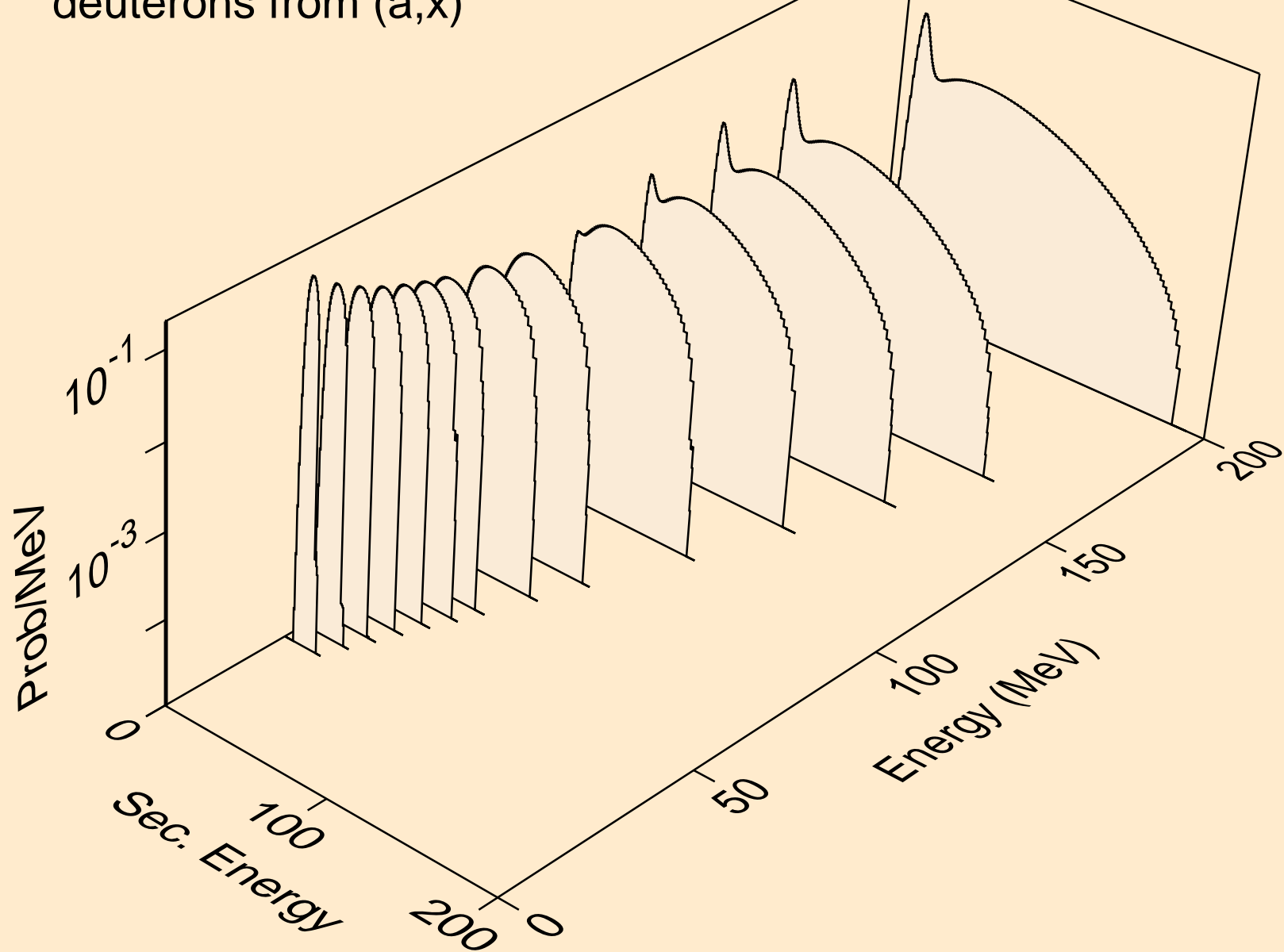
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



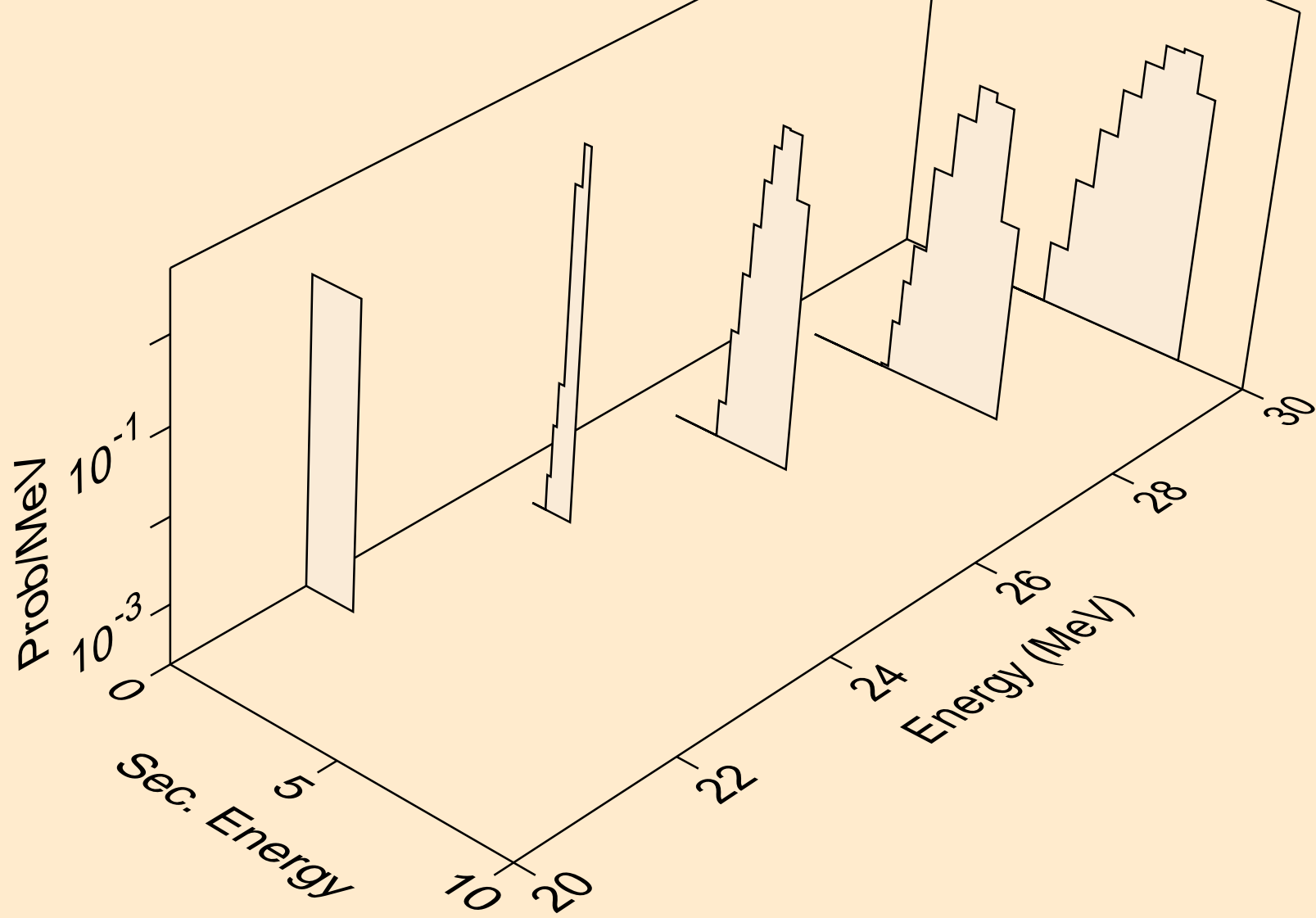
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



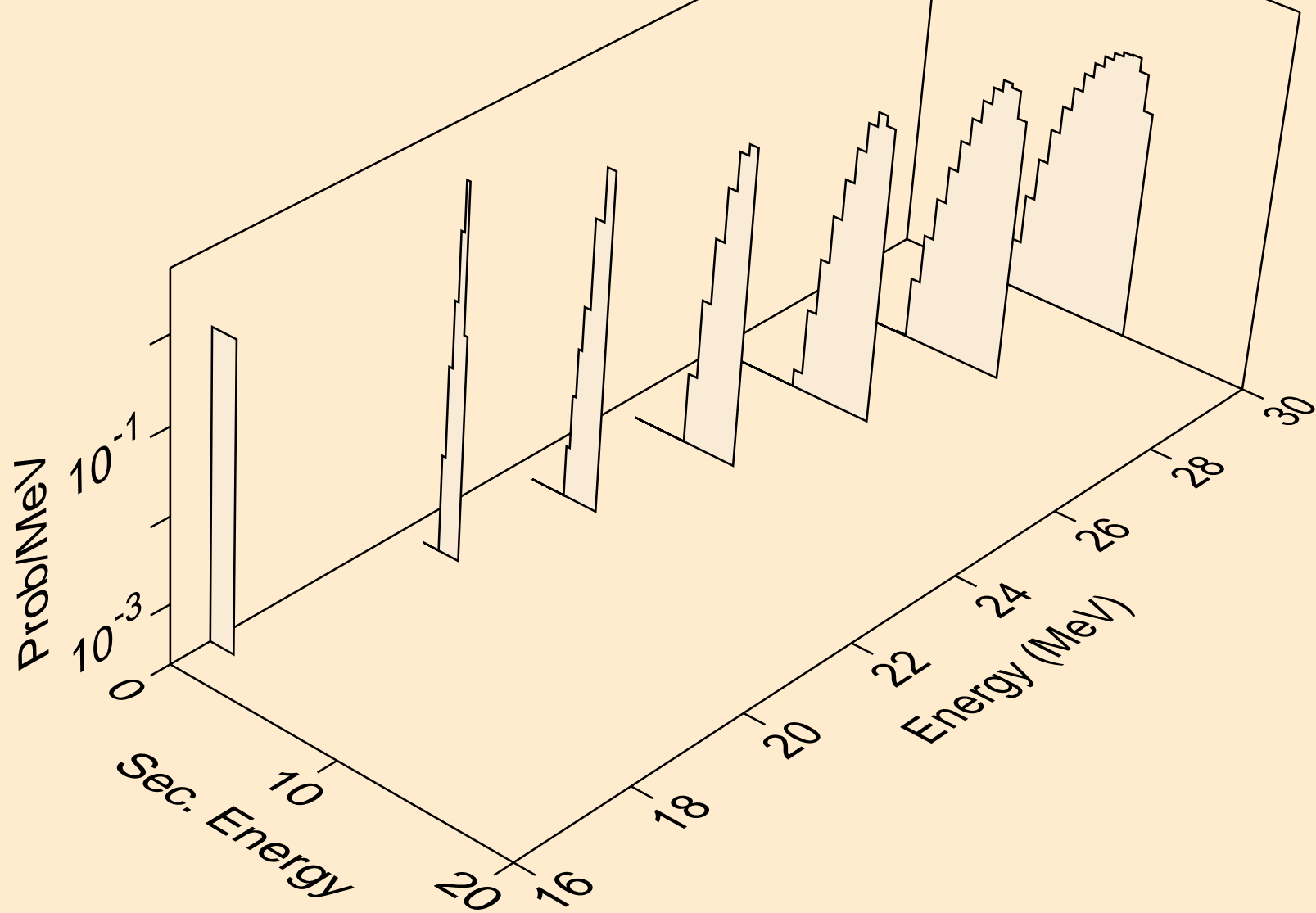
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



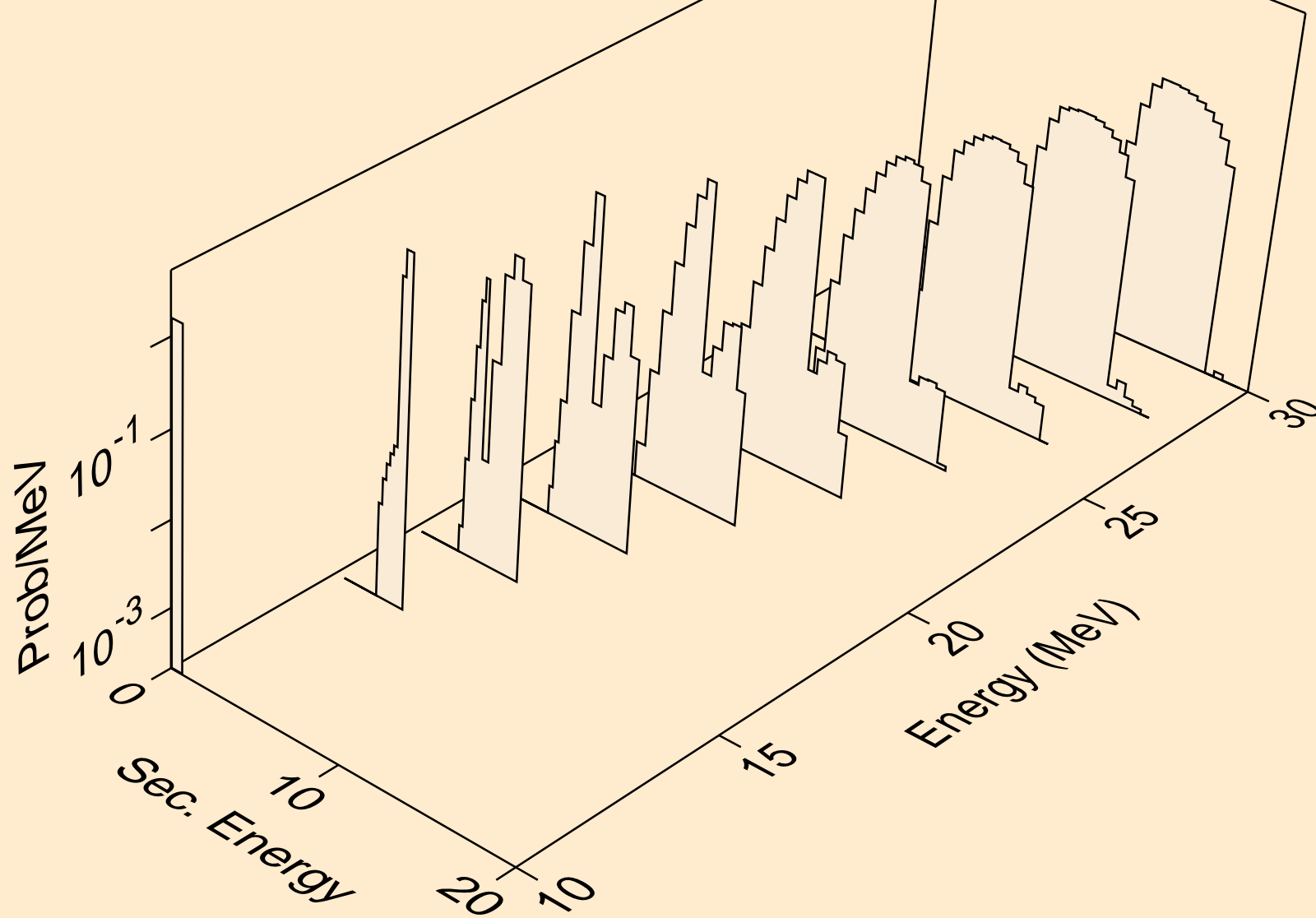
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



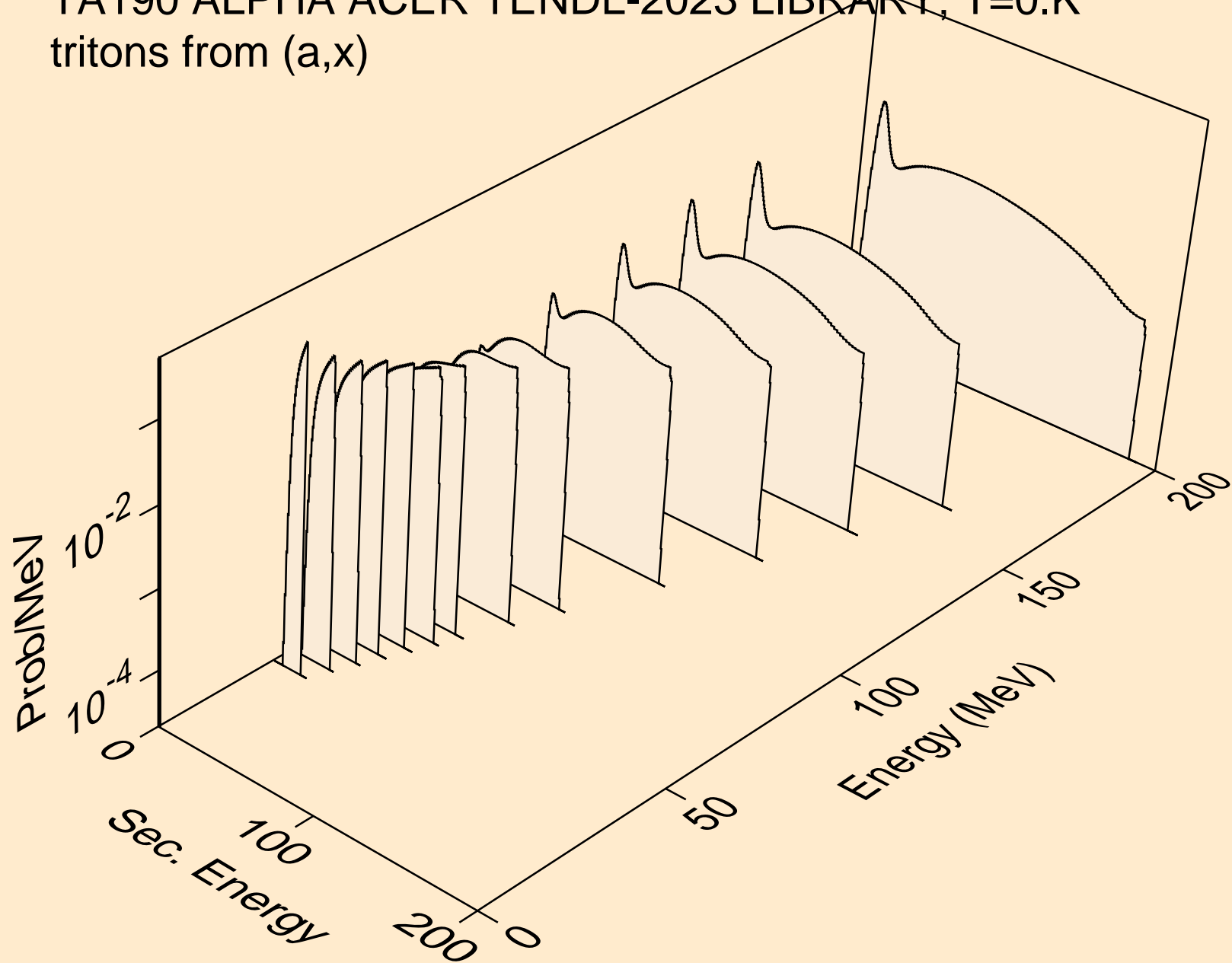
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



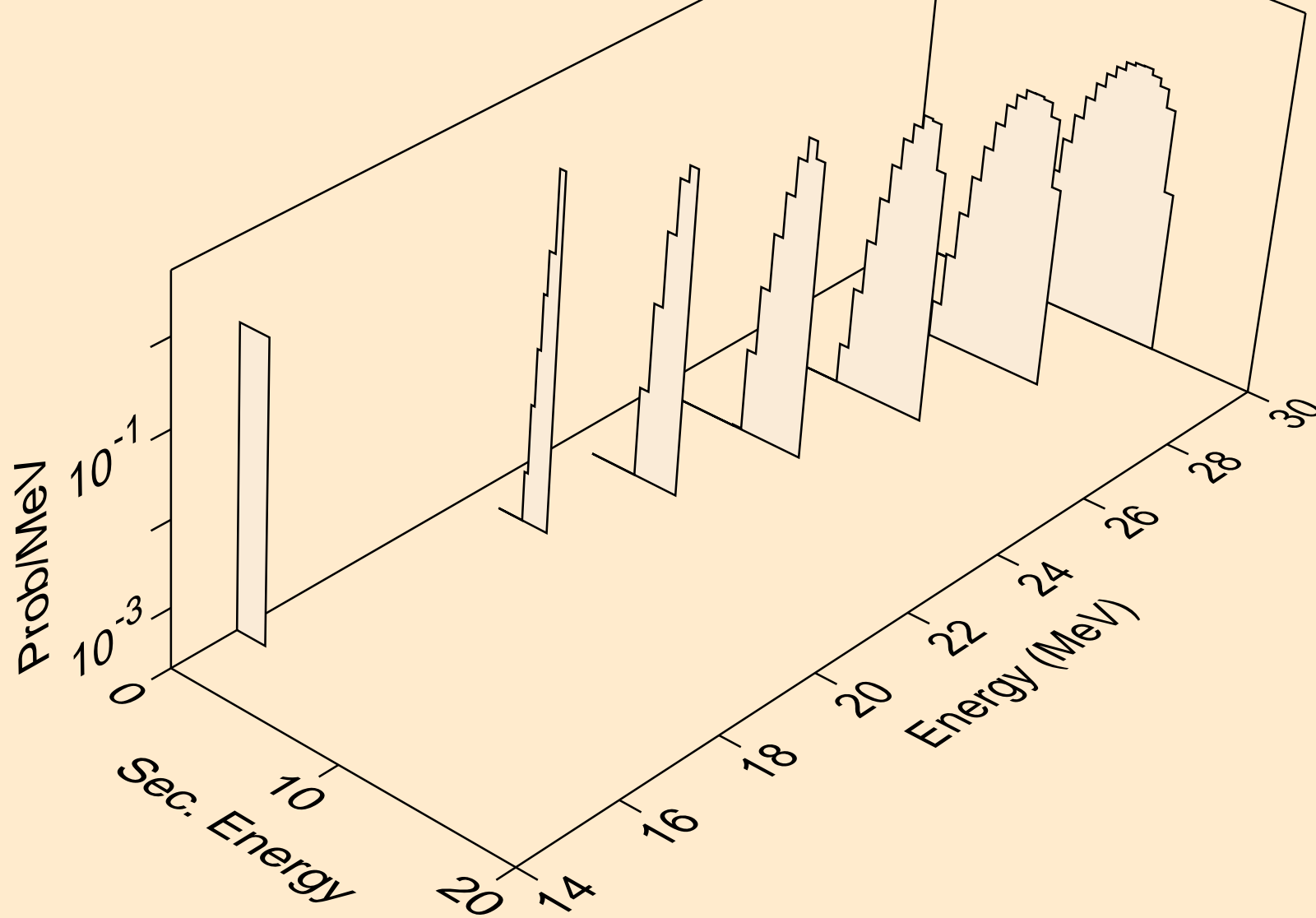
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



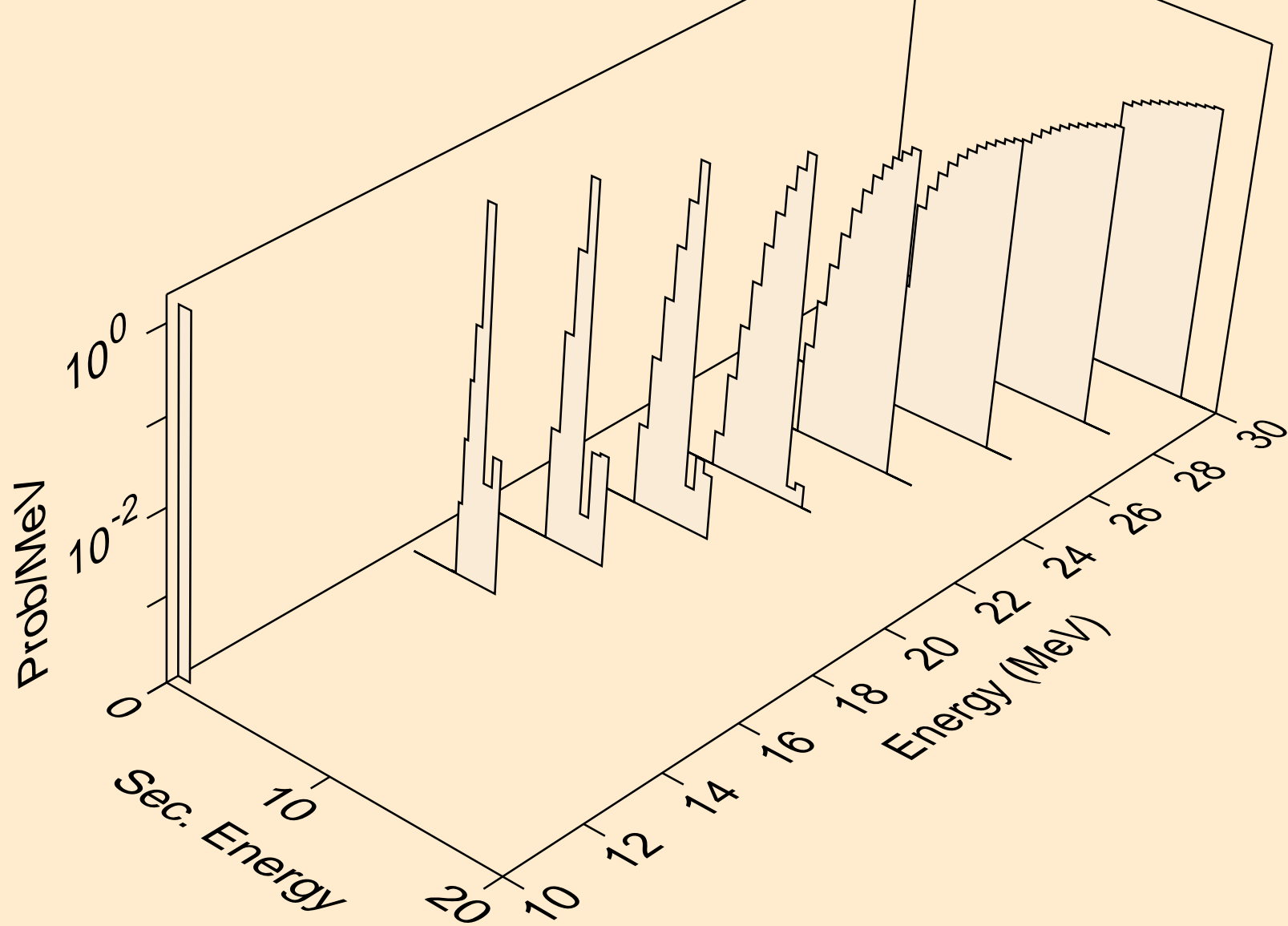
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



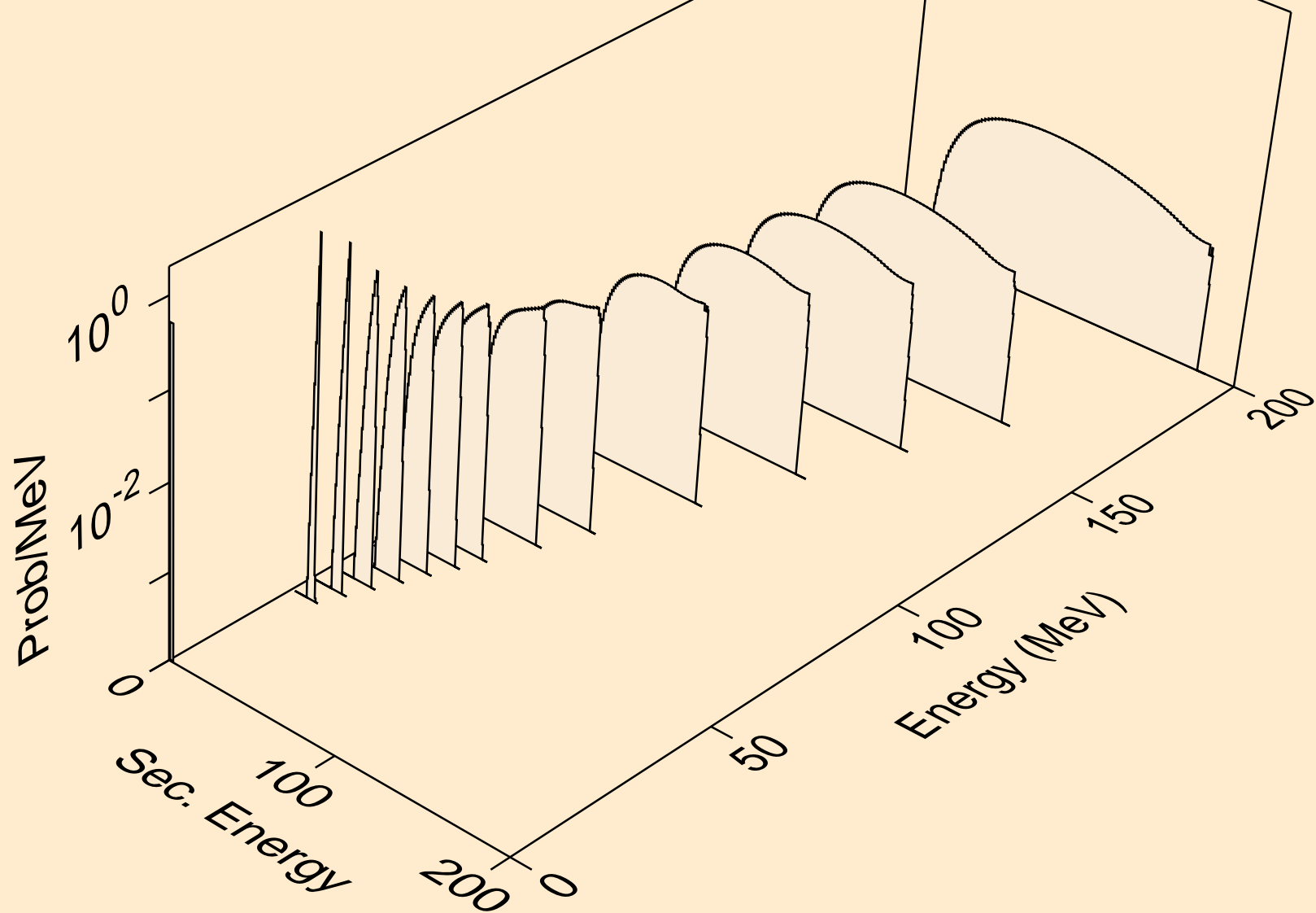
TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



TA190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

