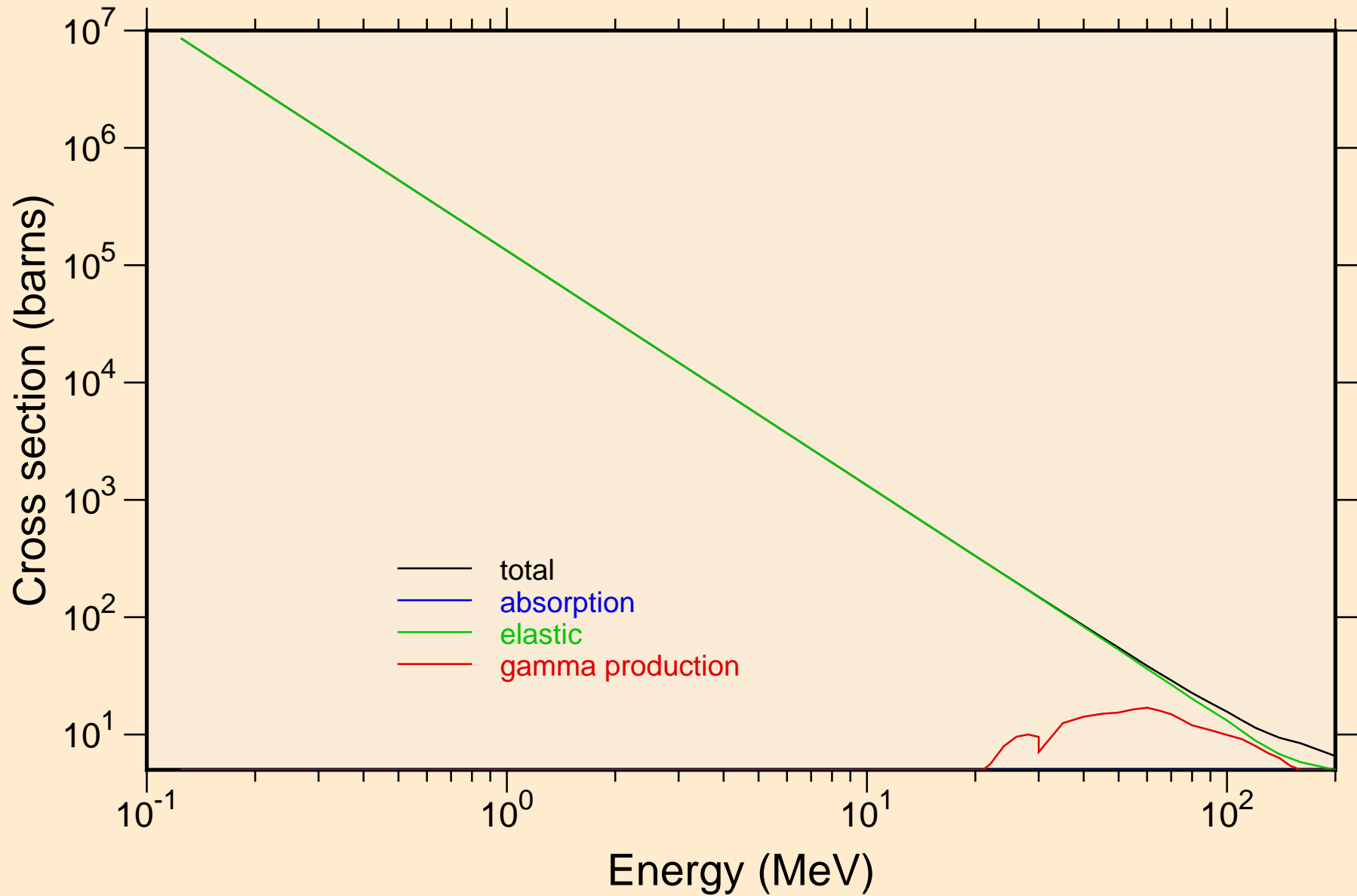
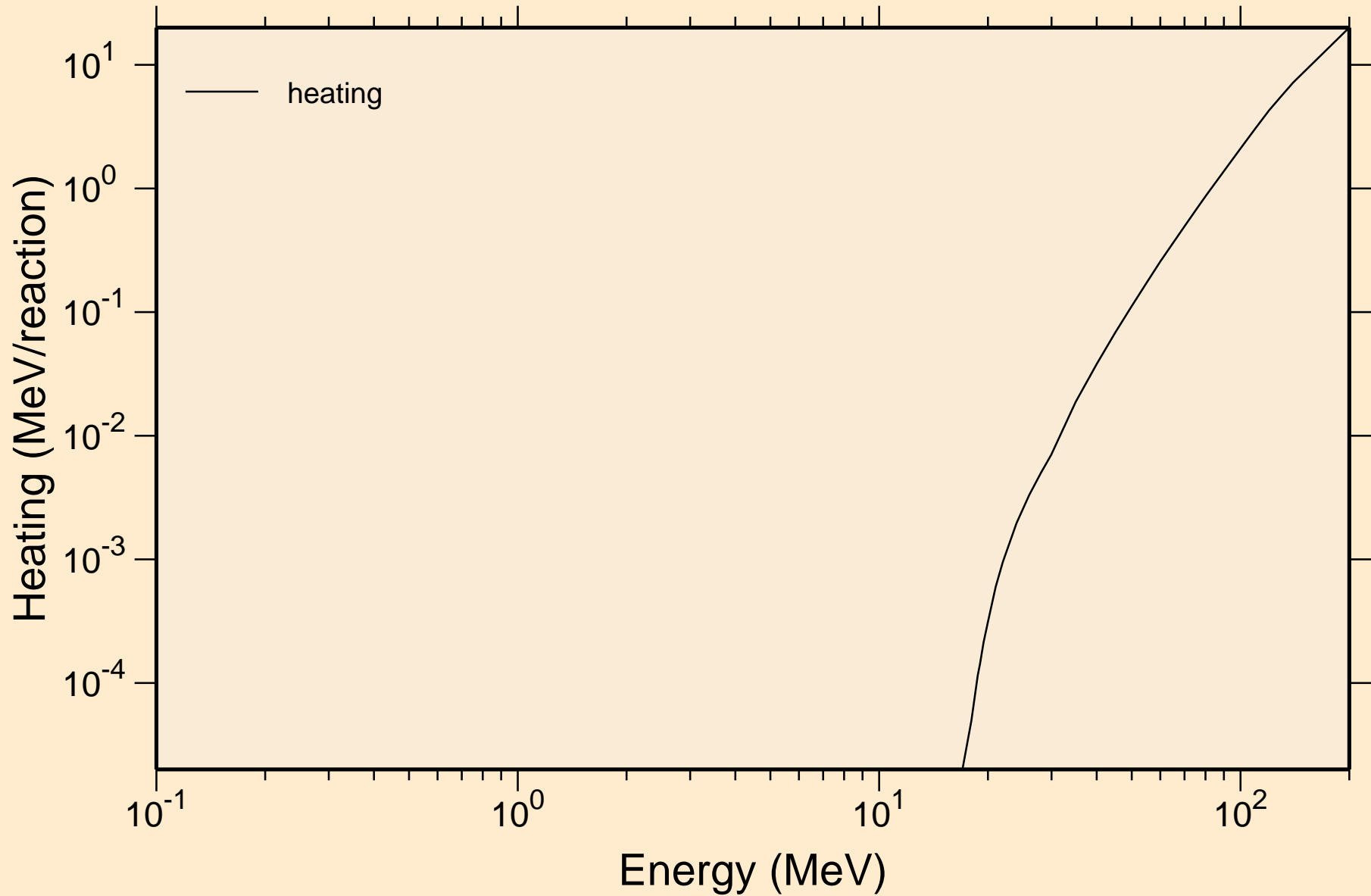


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



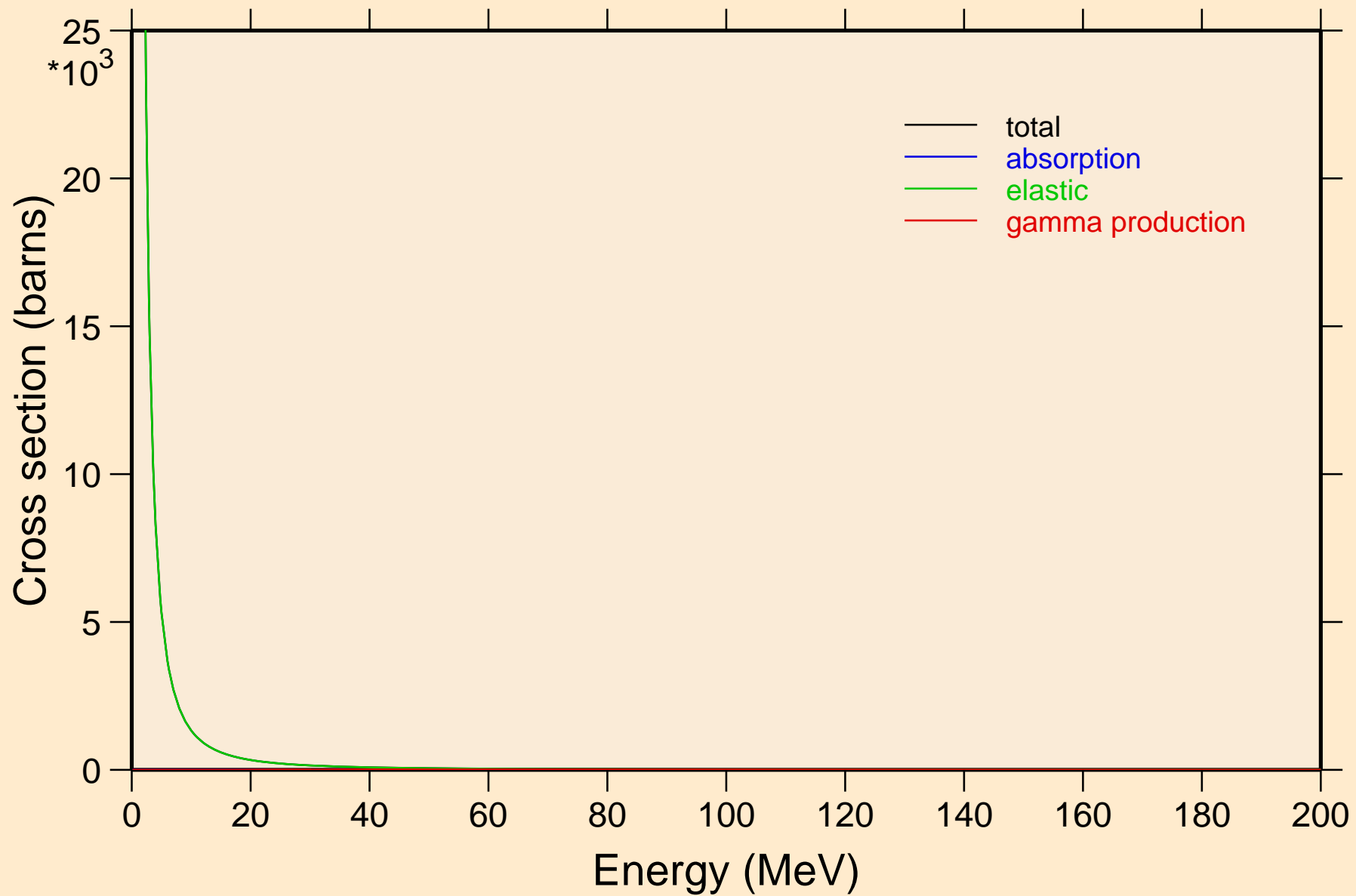
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



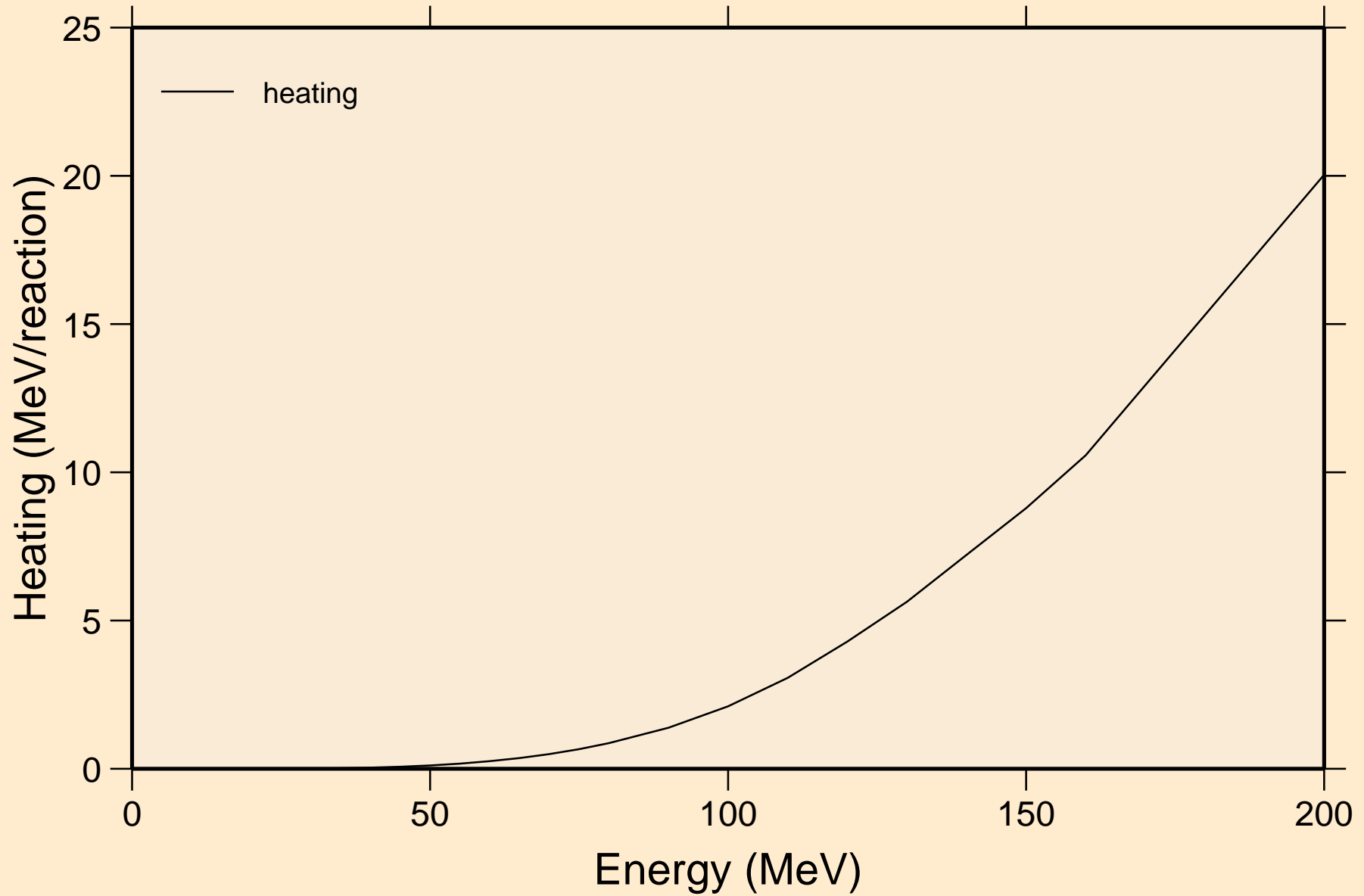
# HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



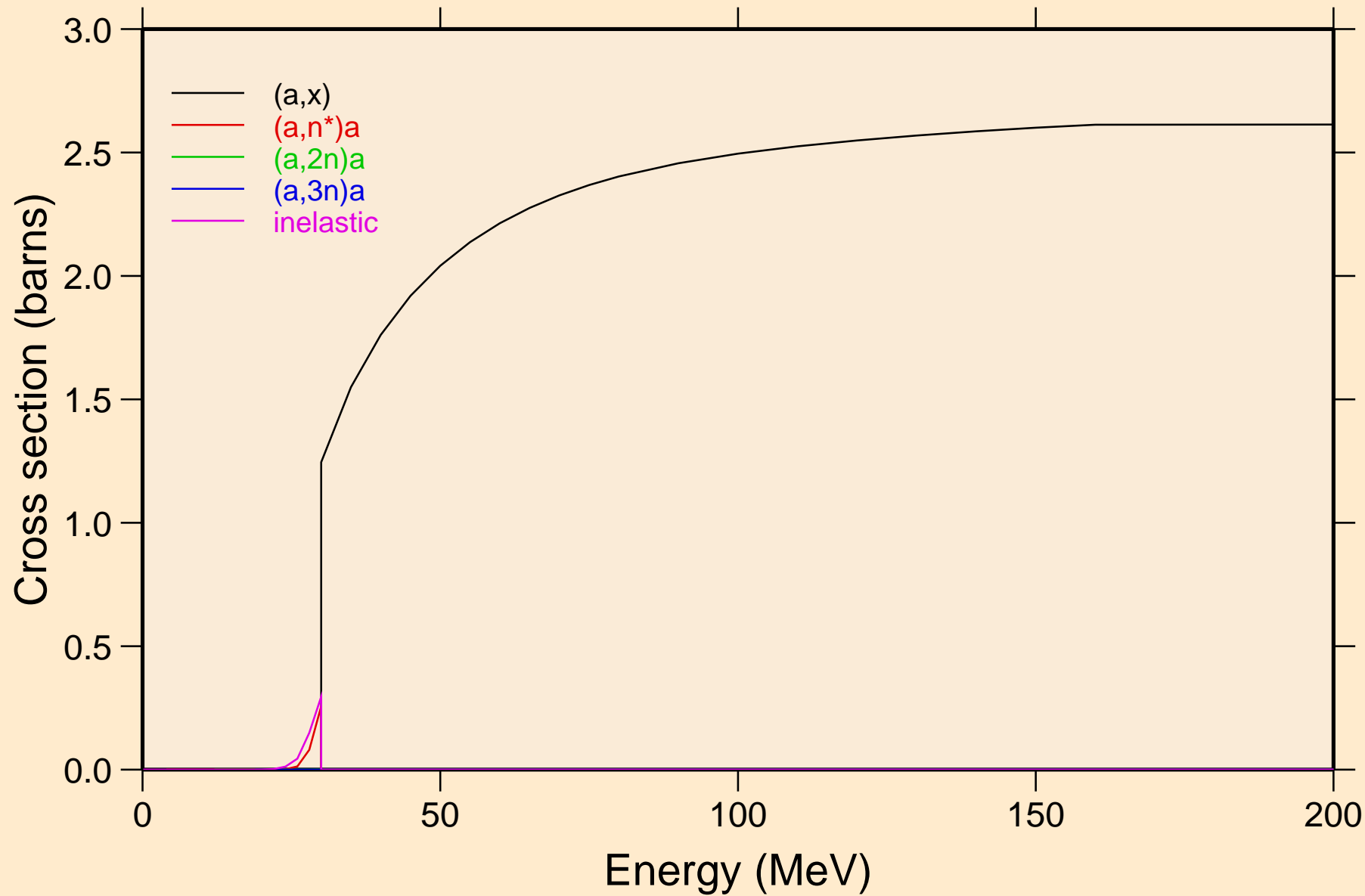
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

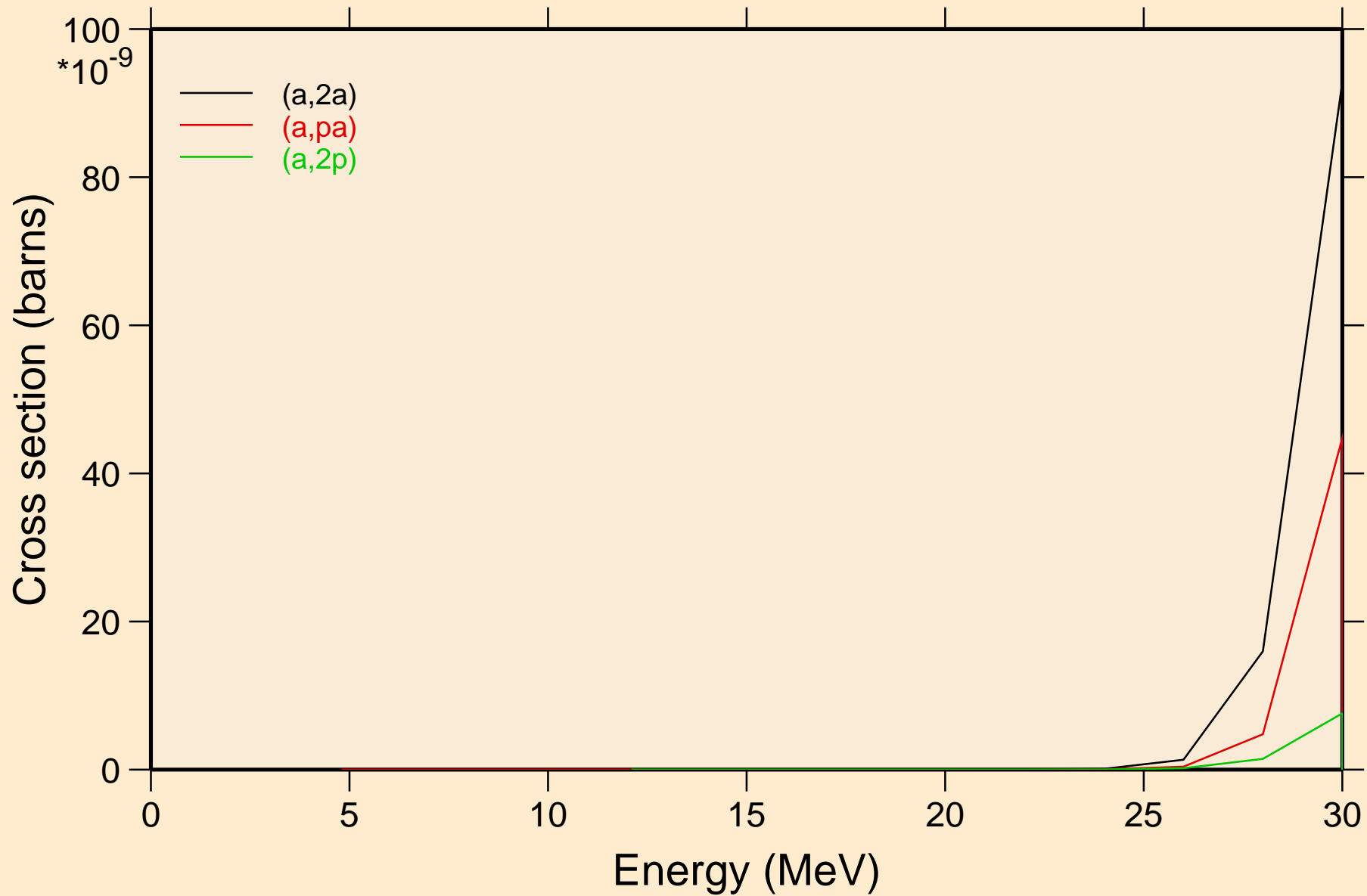


# HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

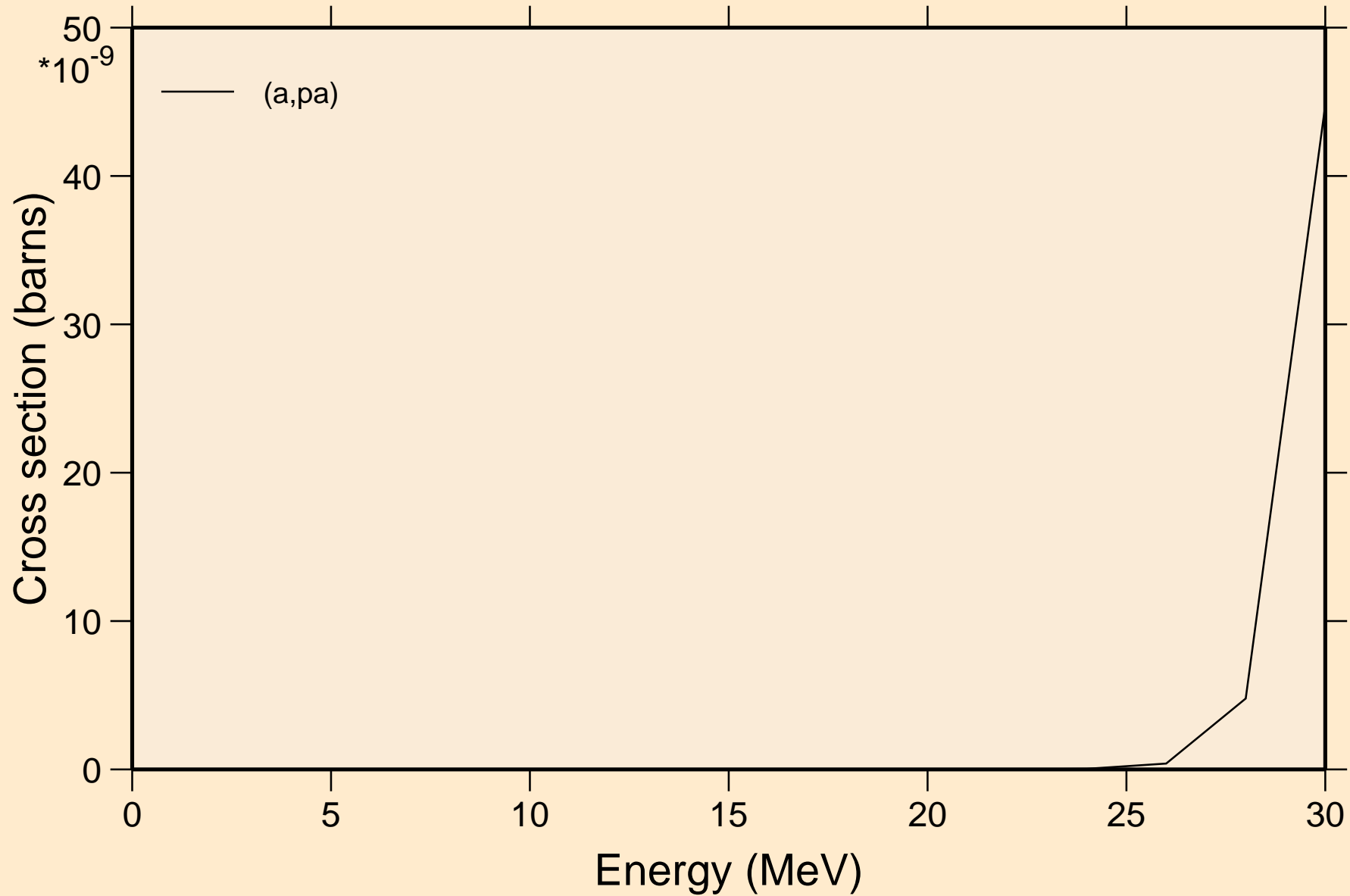
## Threshold reactions



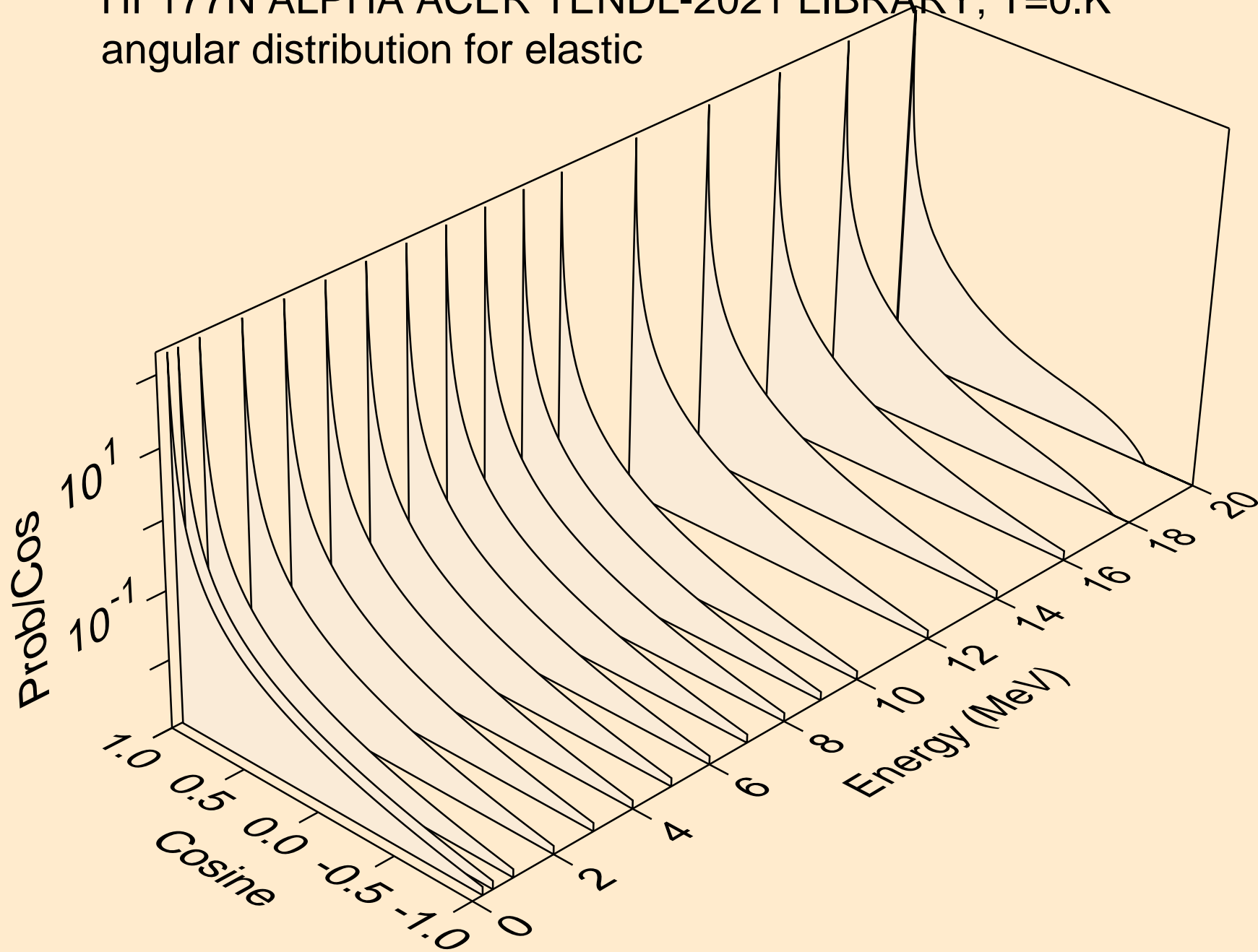
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

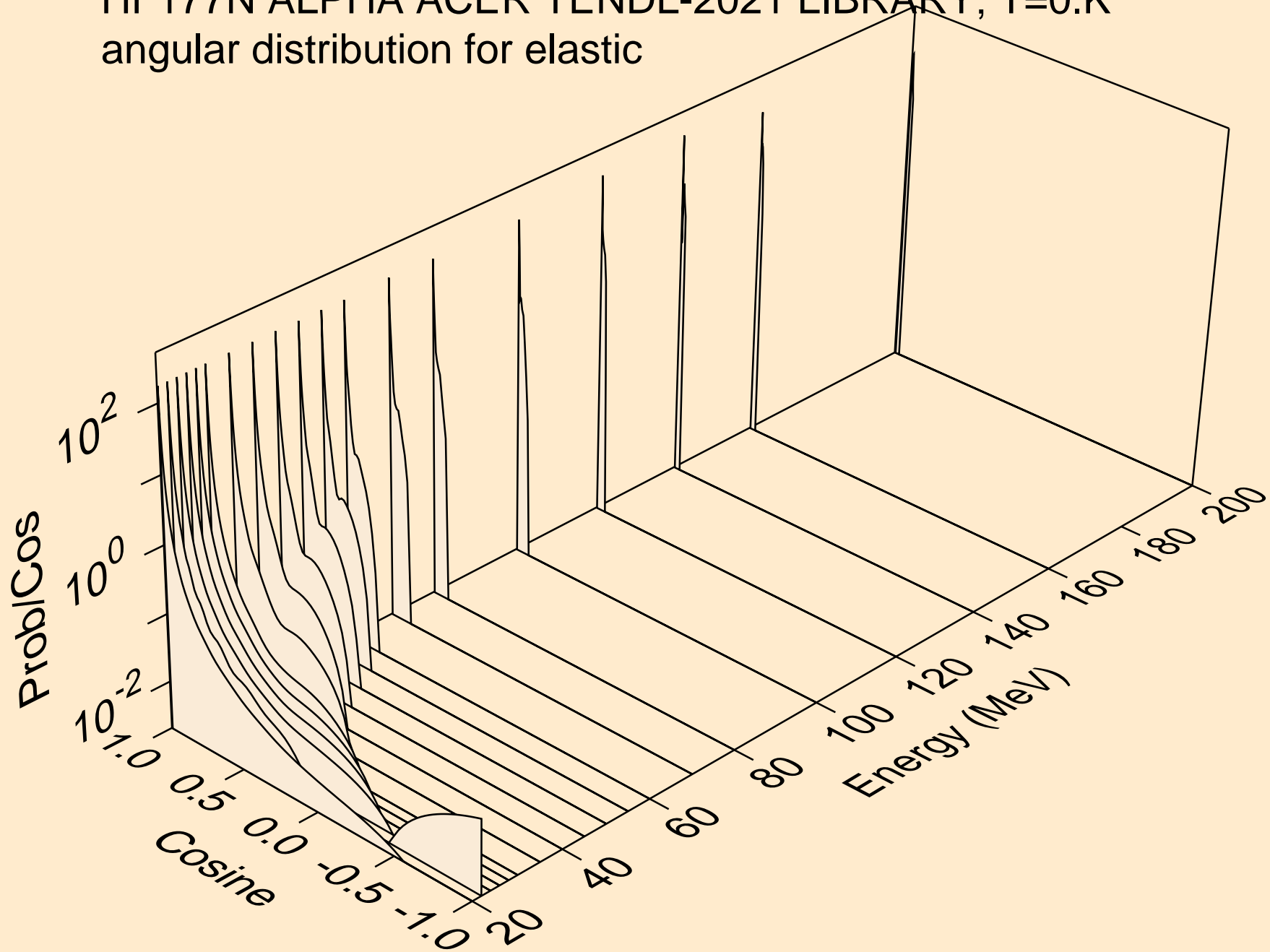


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

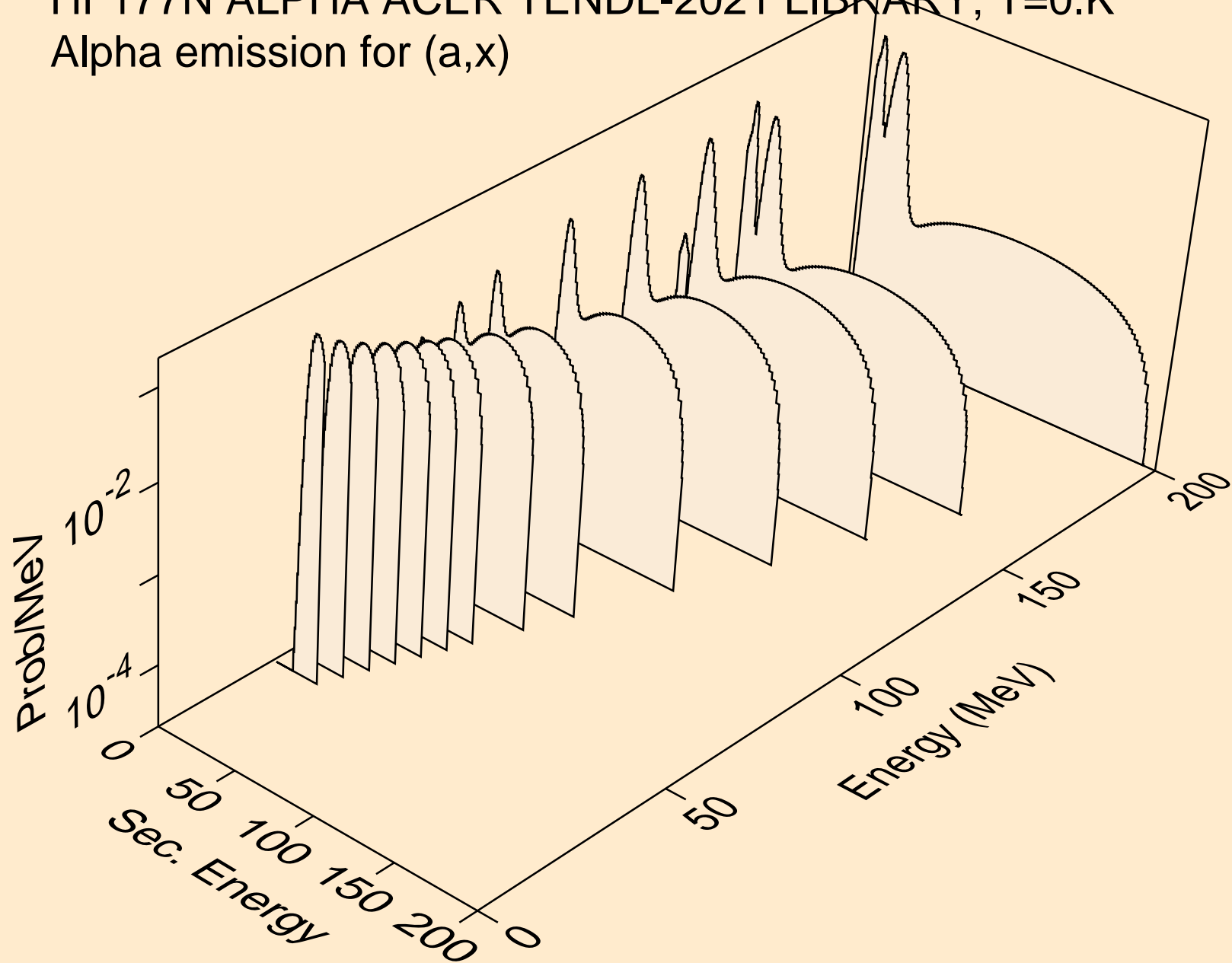




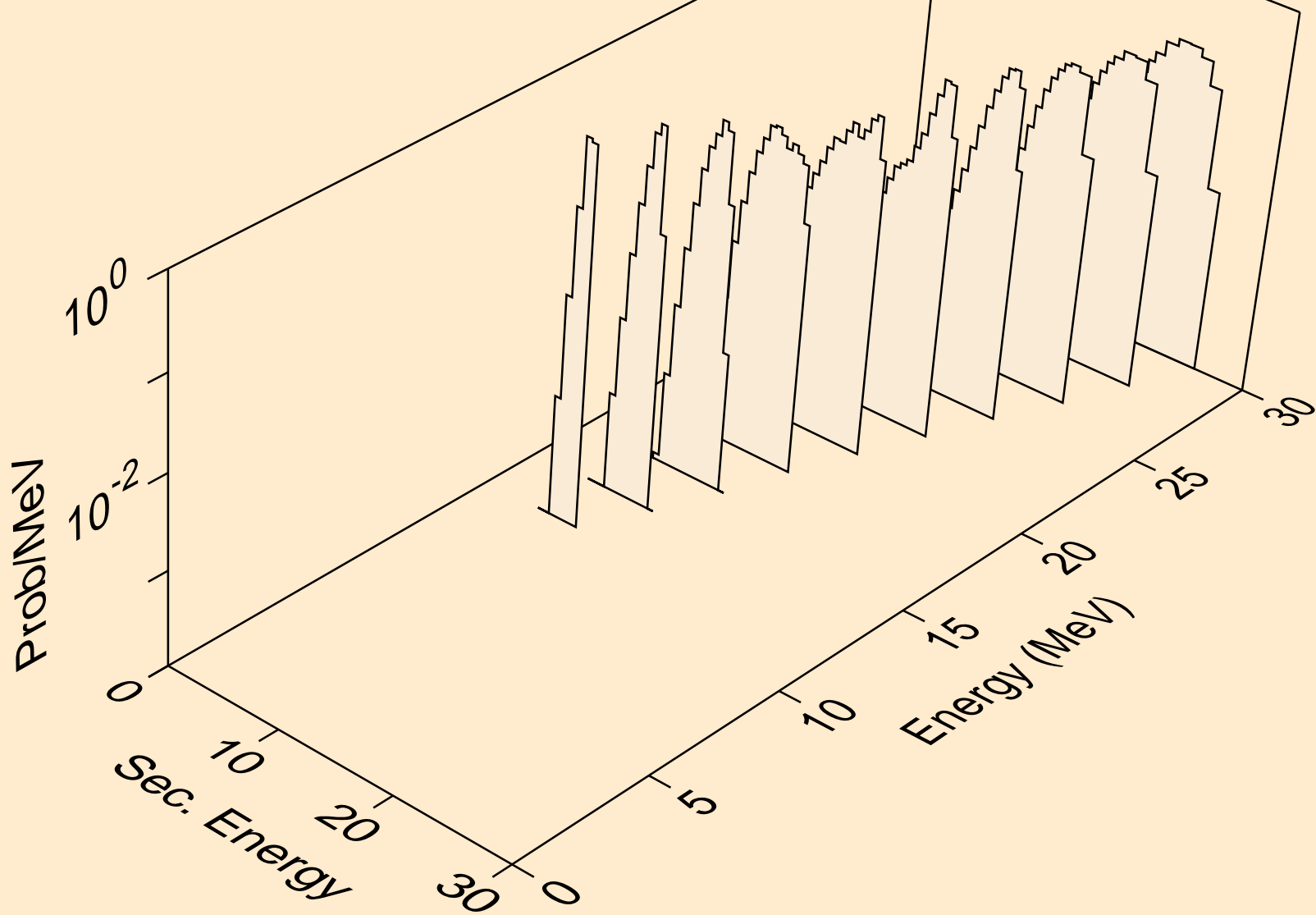
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



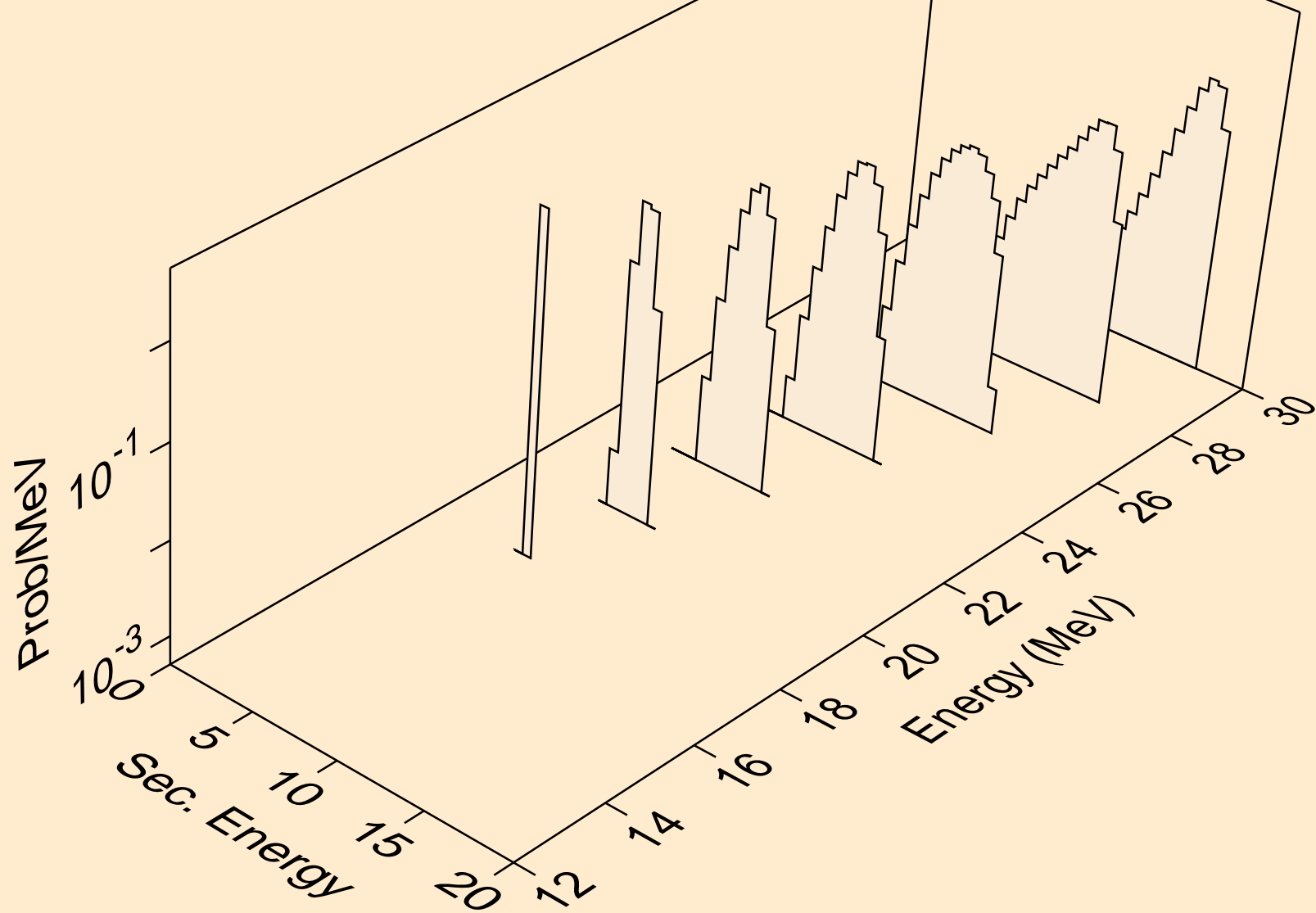
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



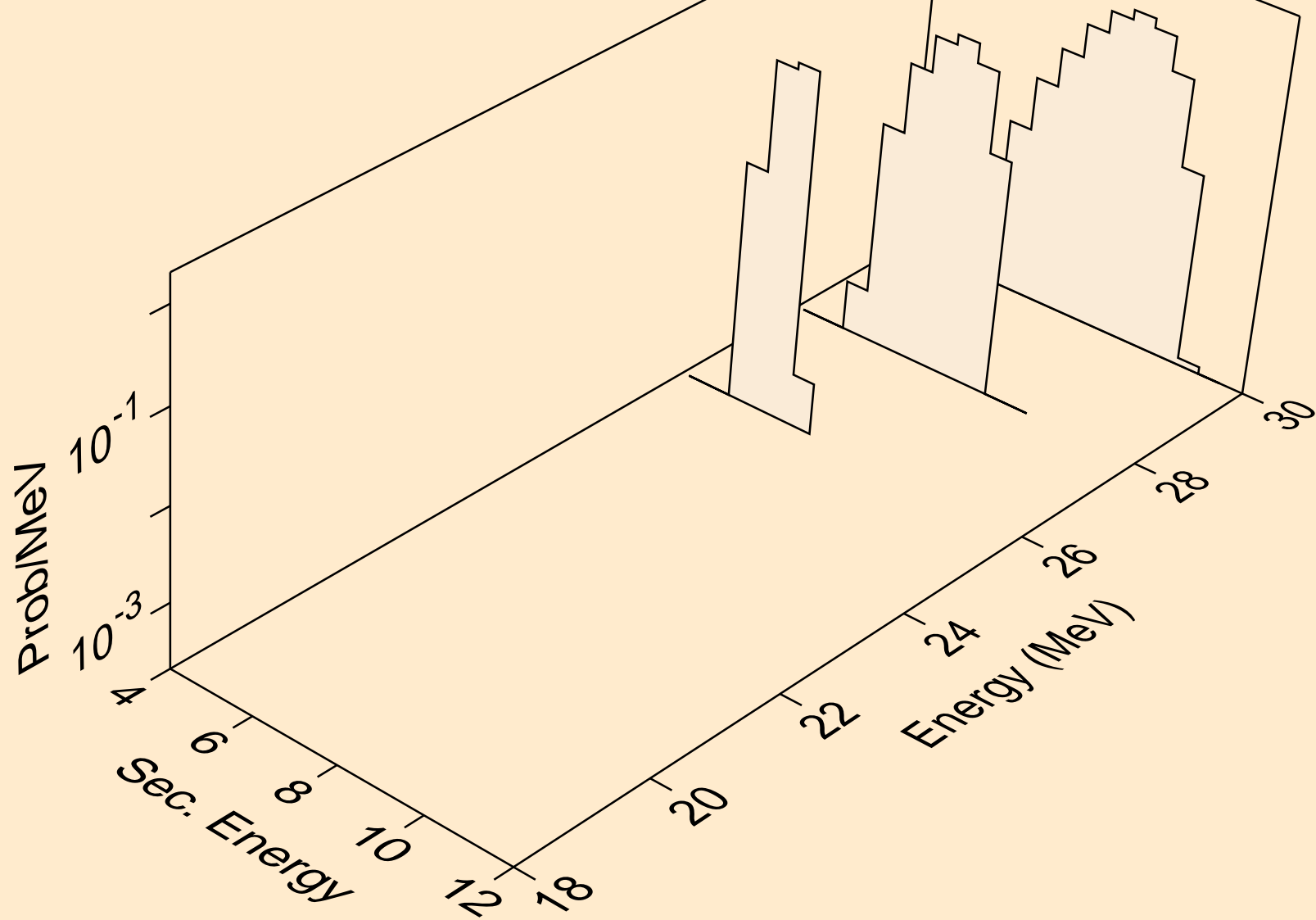
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



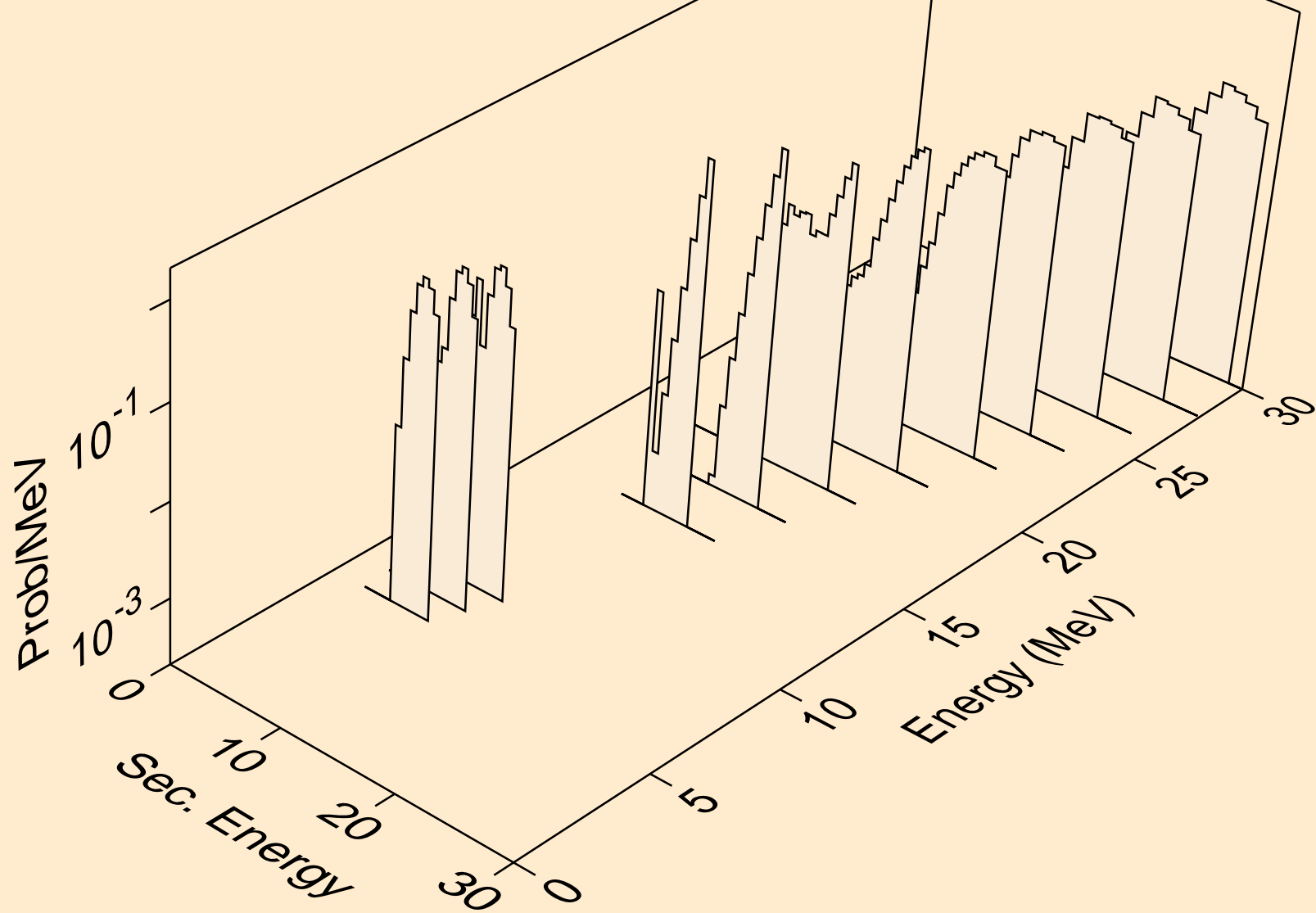
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



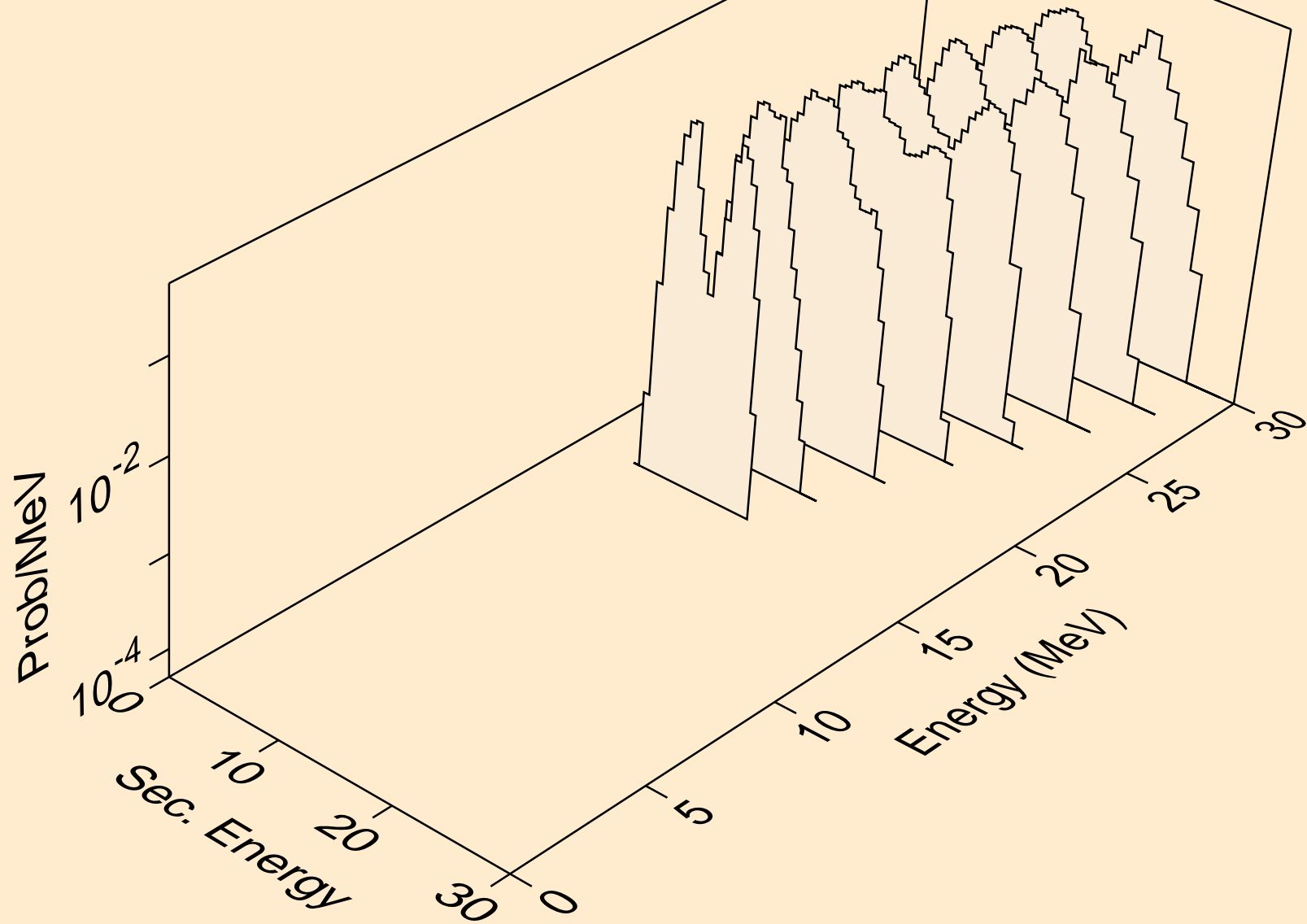
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



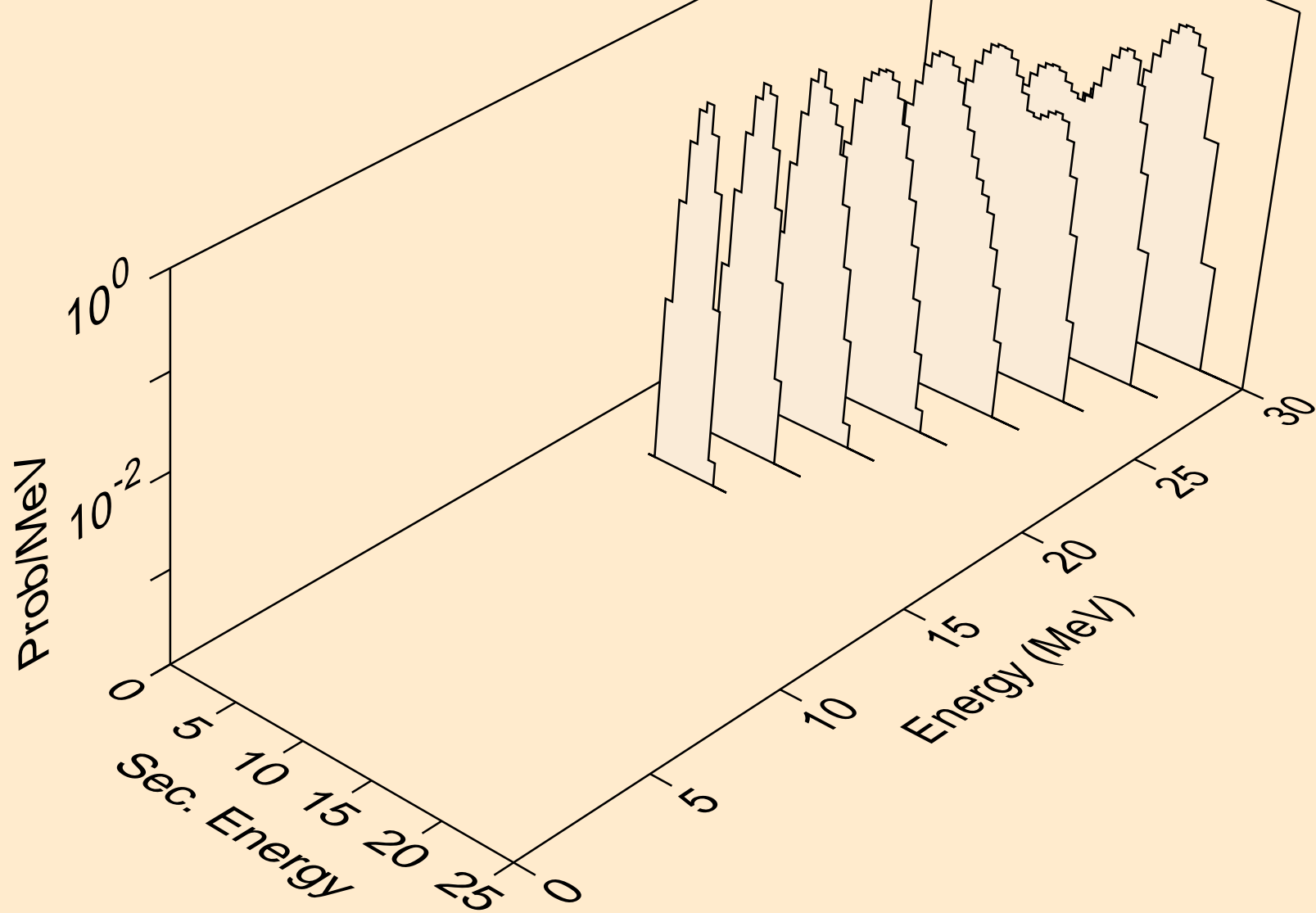
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

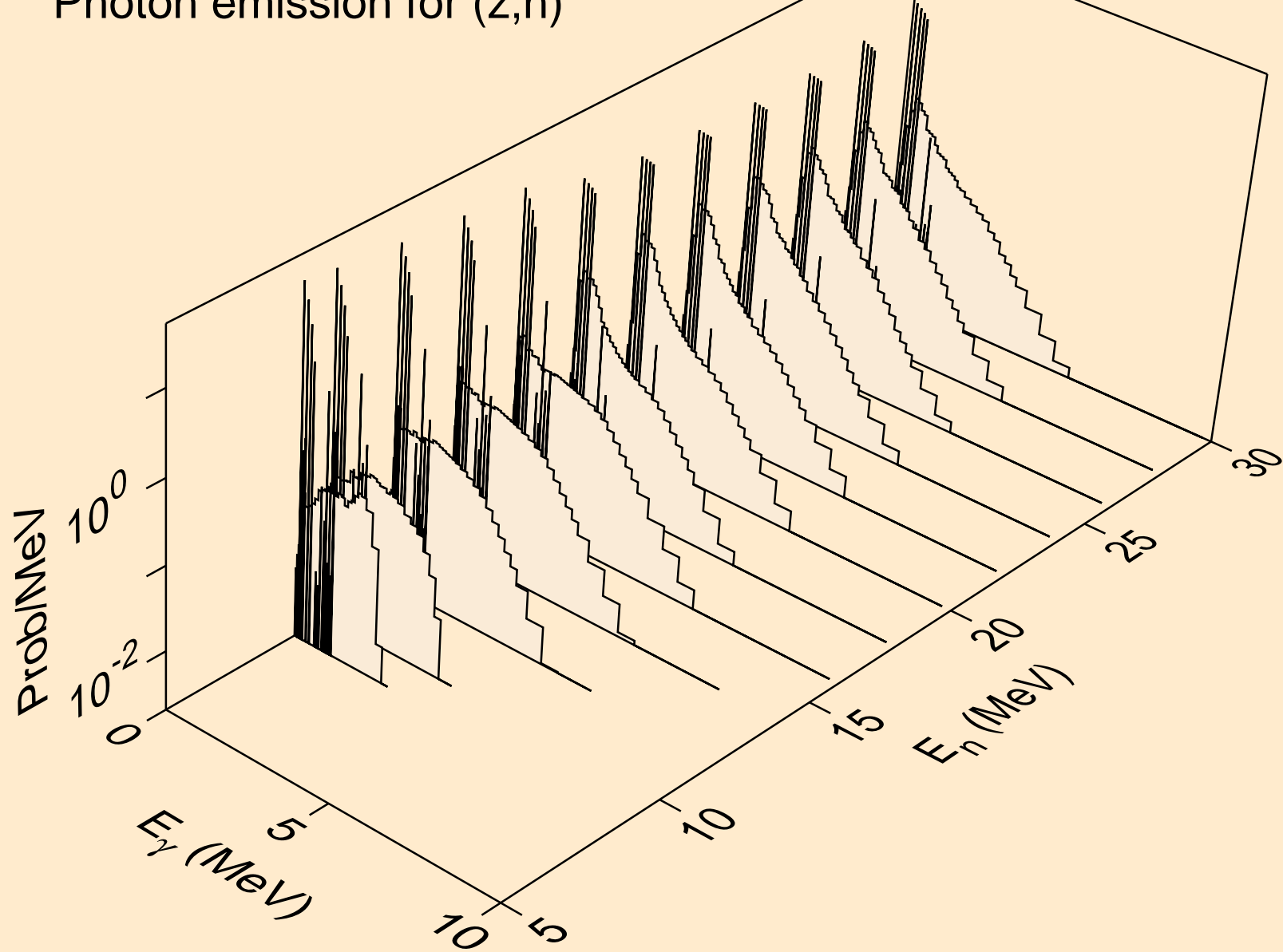


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

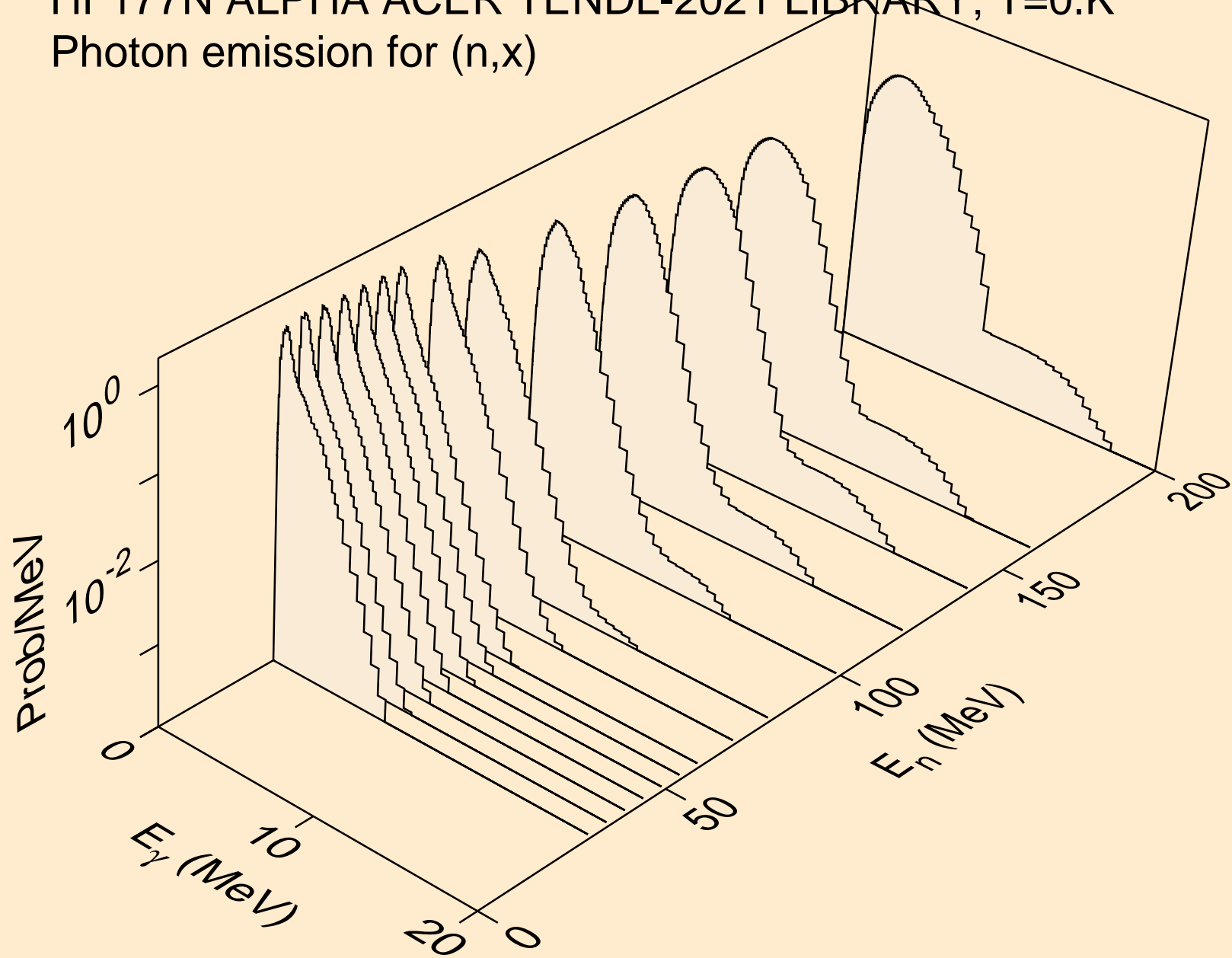




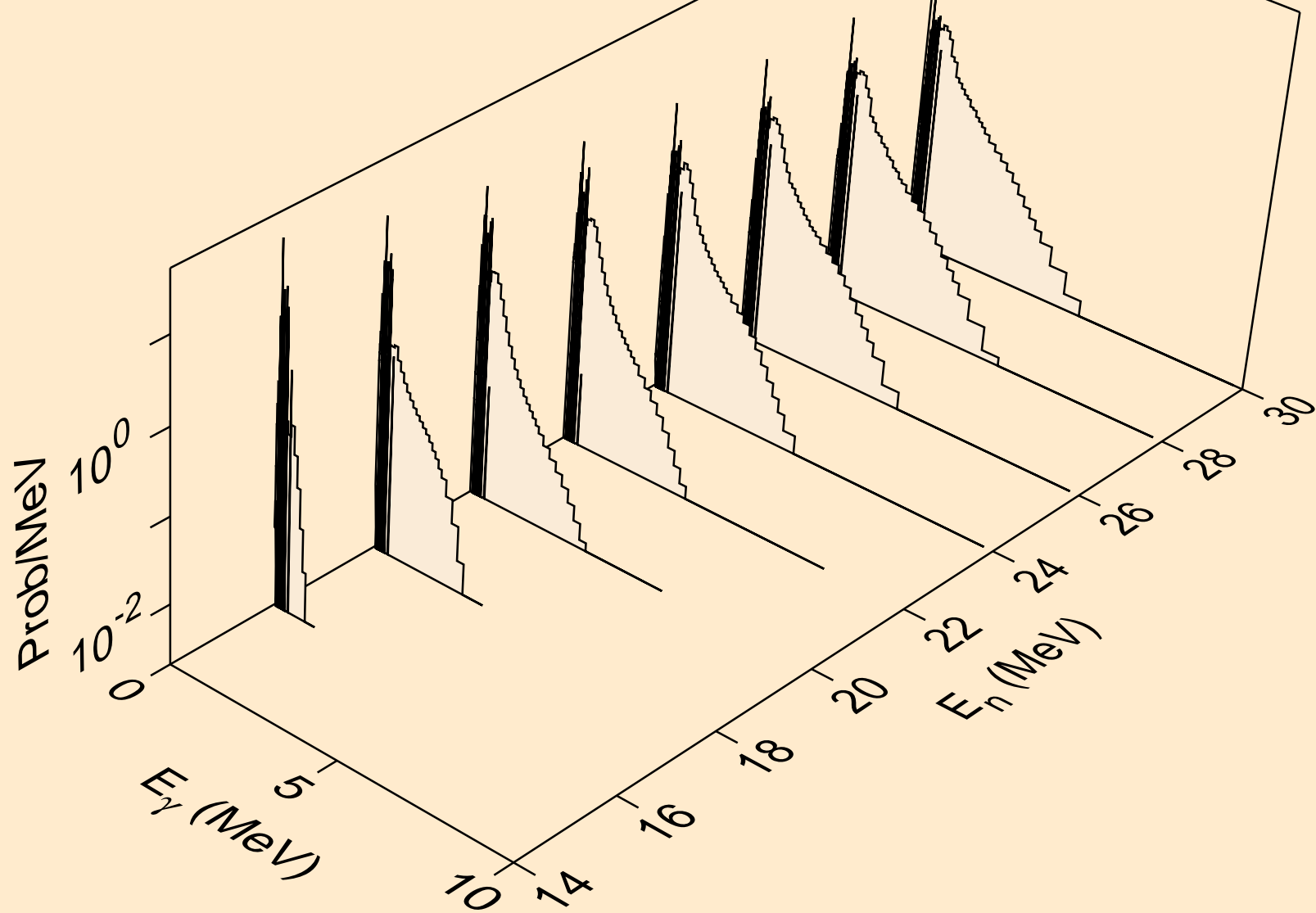
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



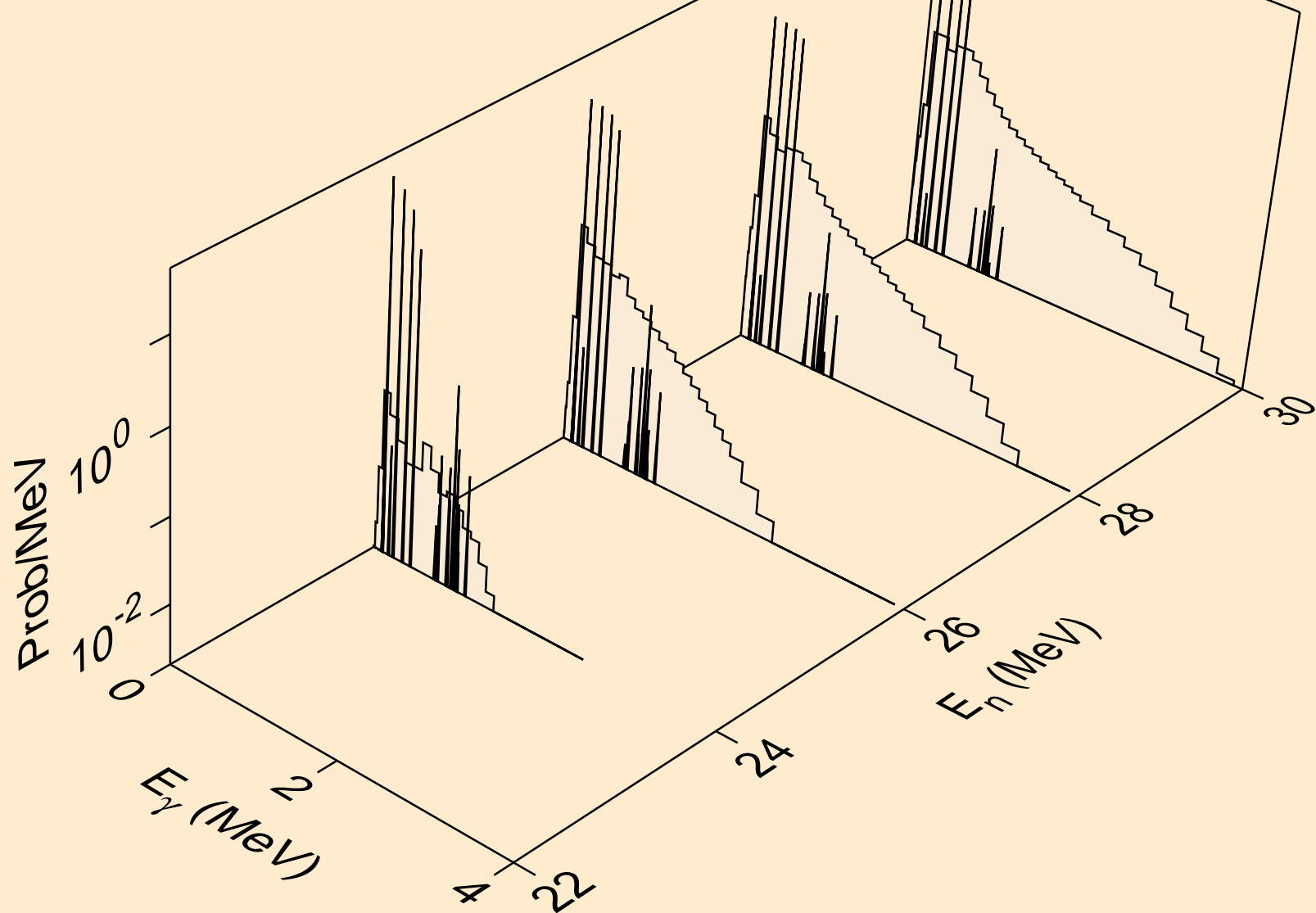
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



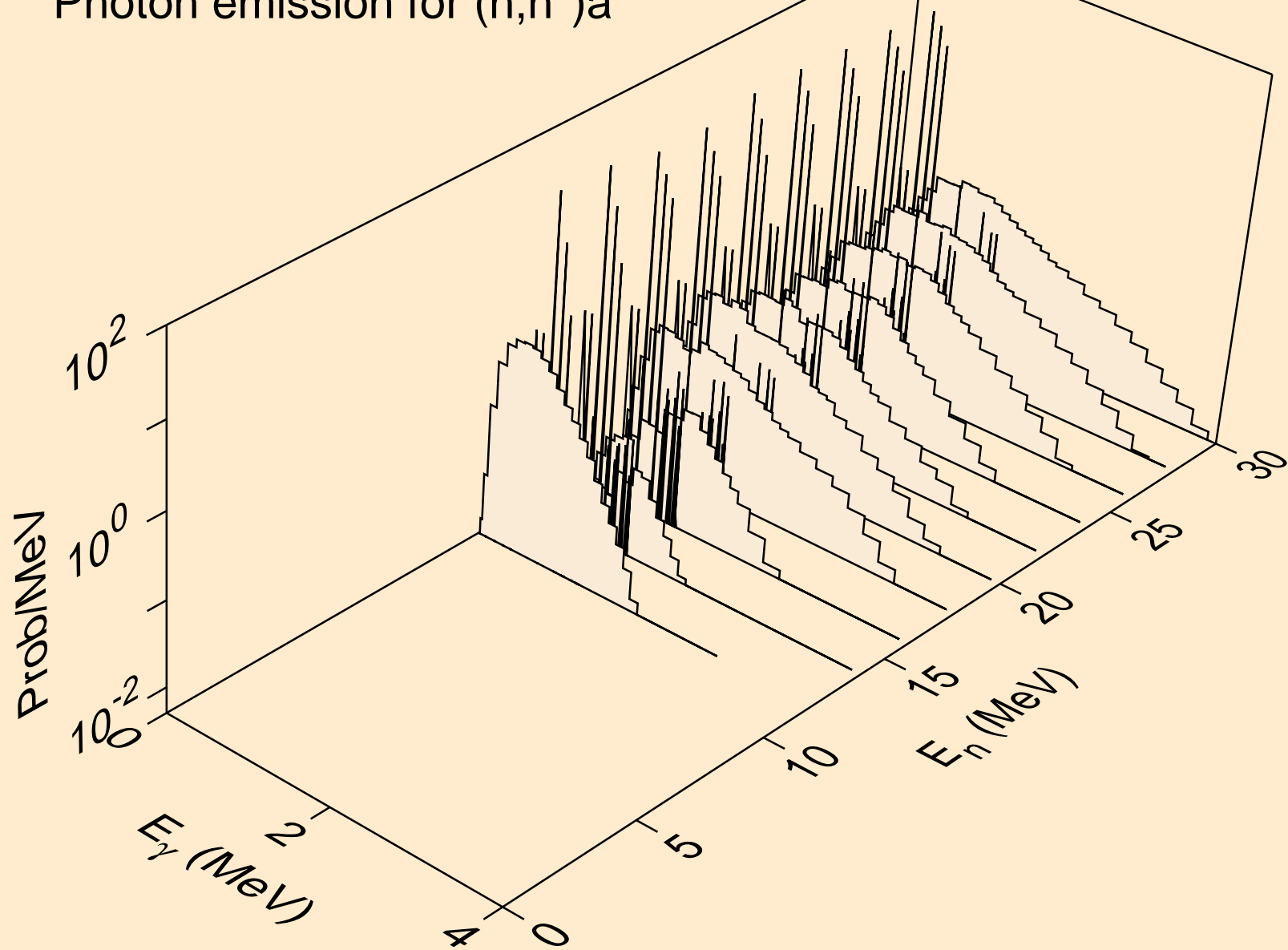
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



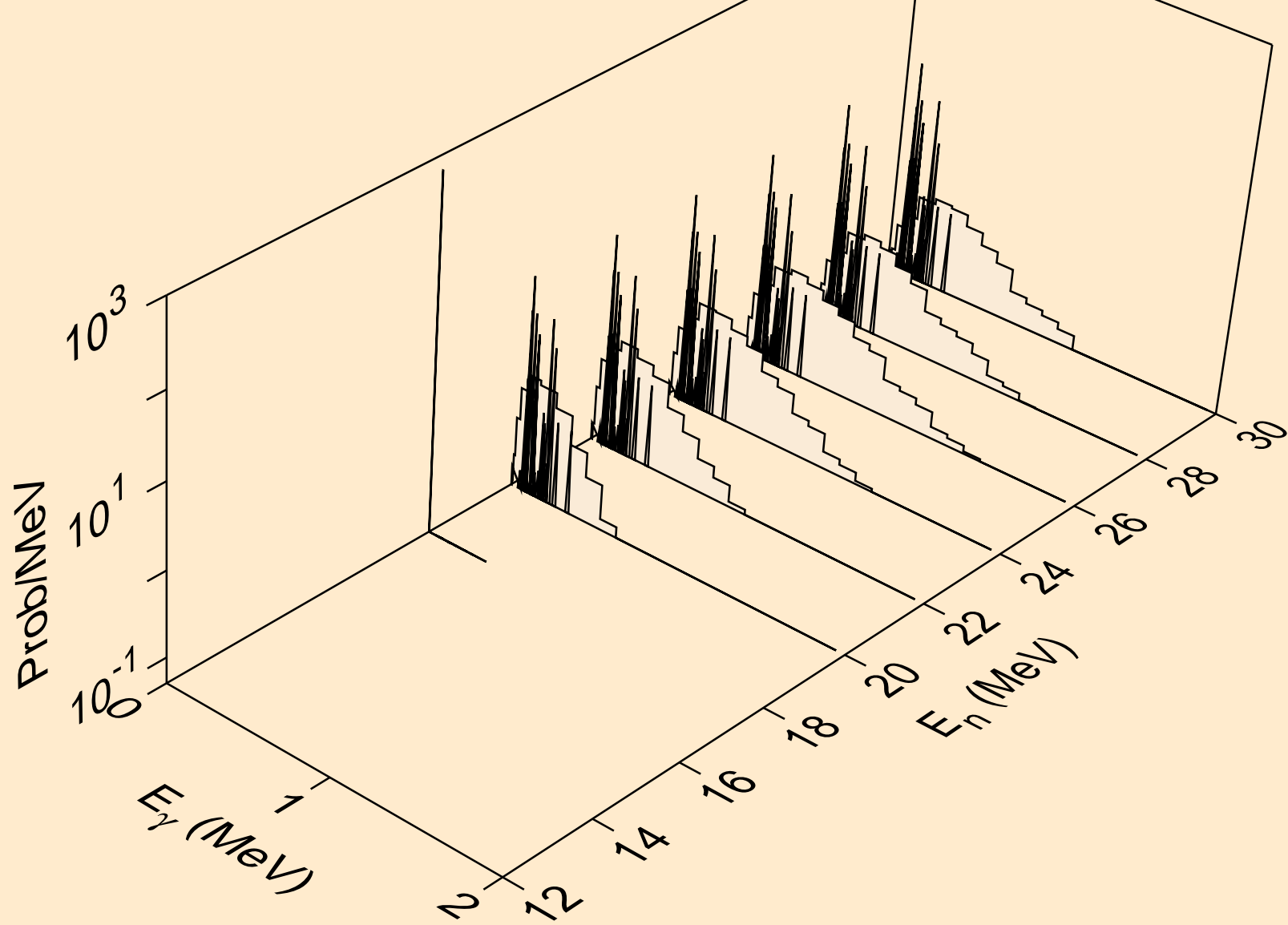
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



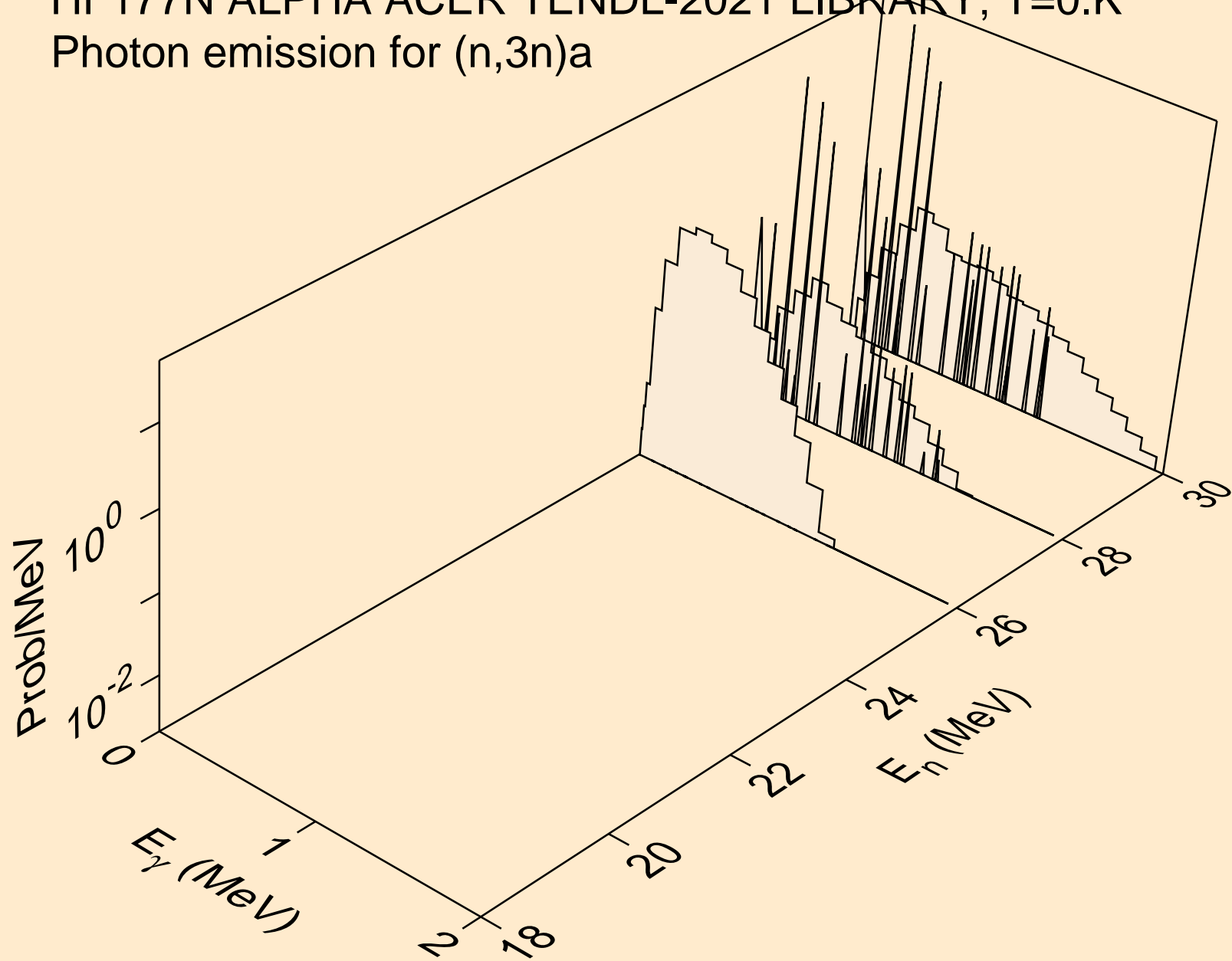
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



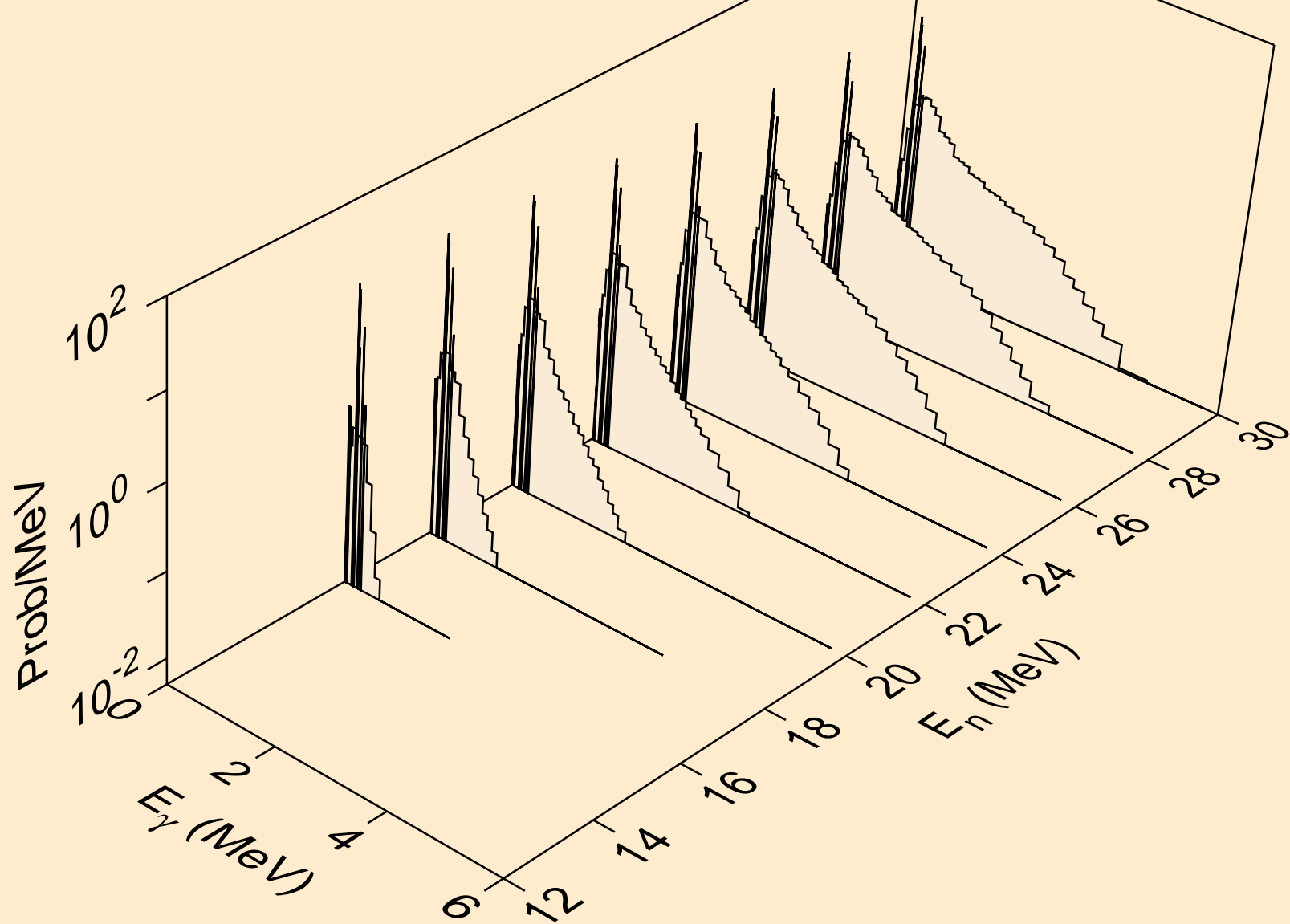
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

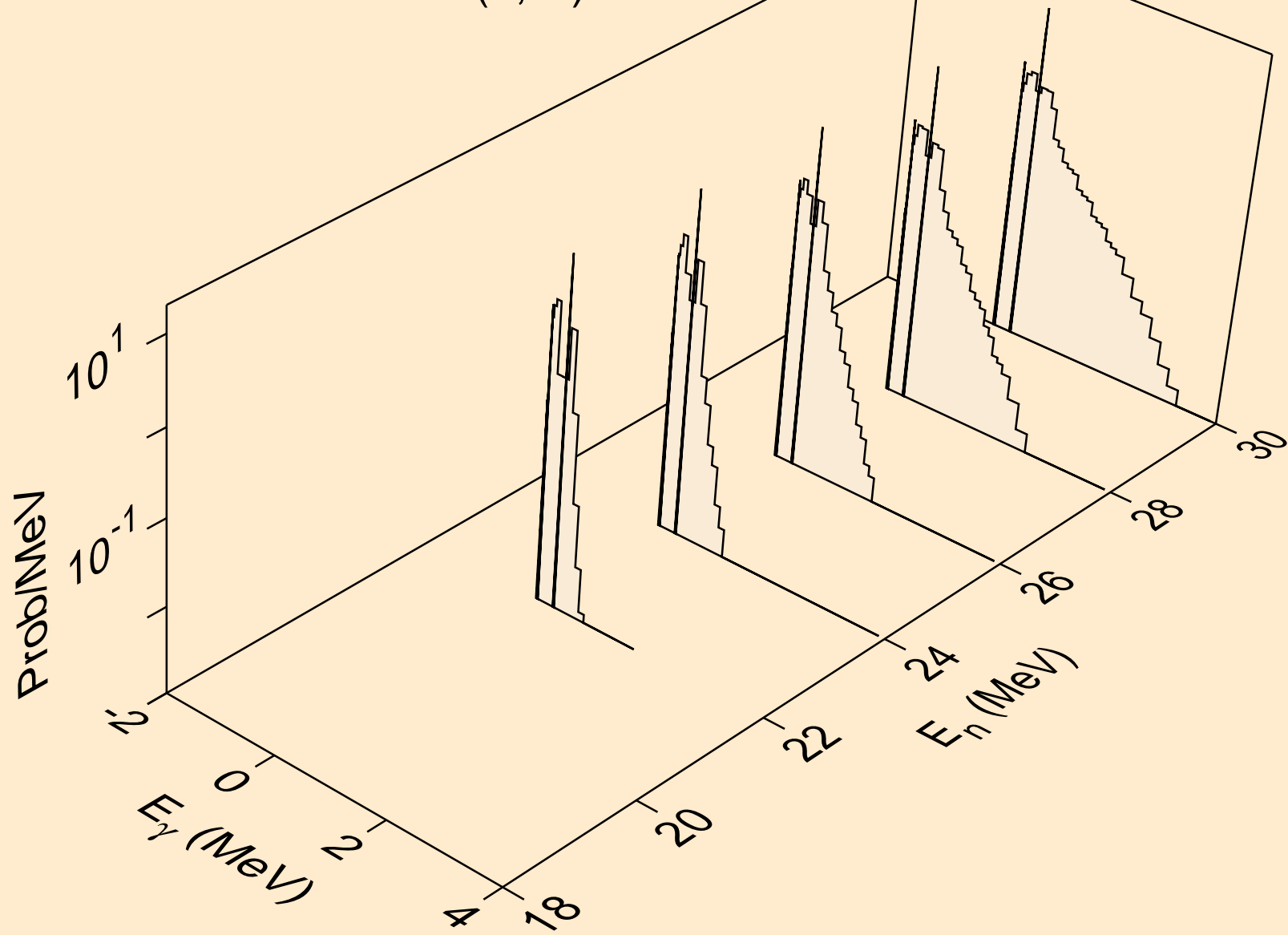


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

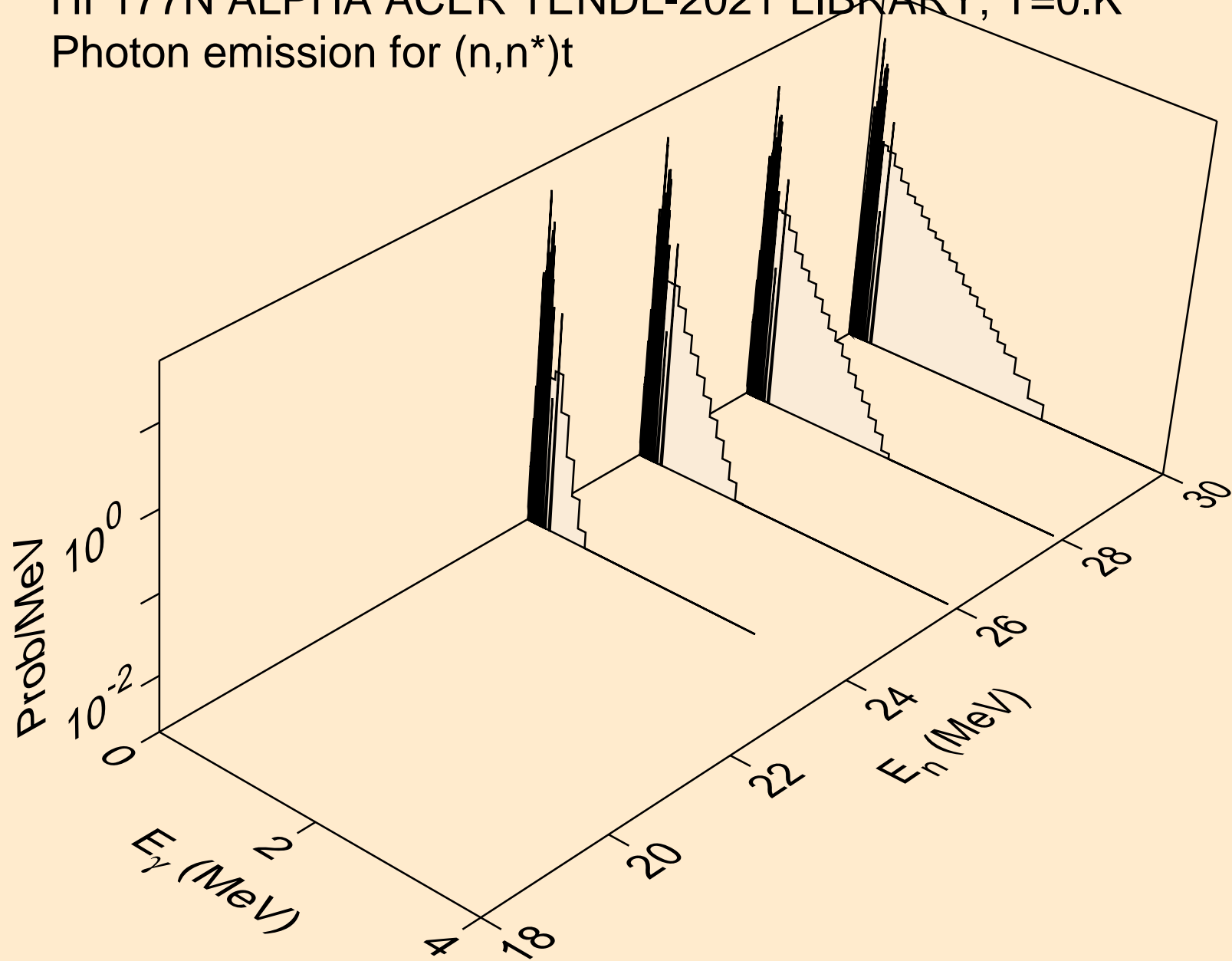




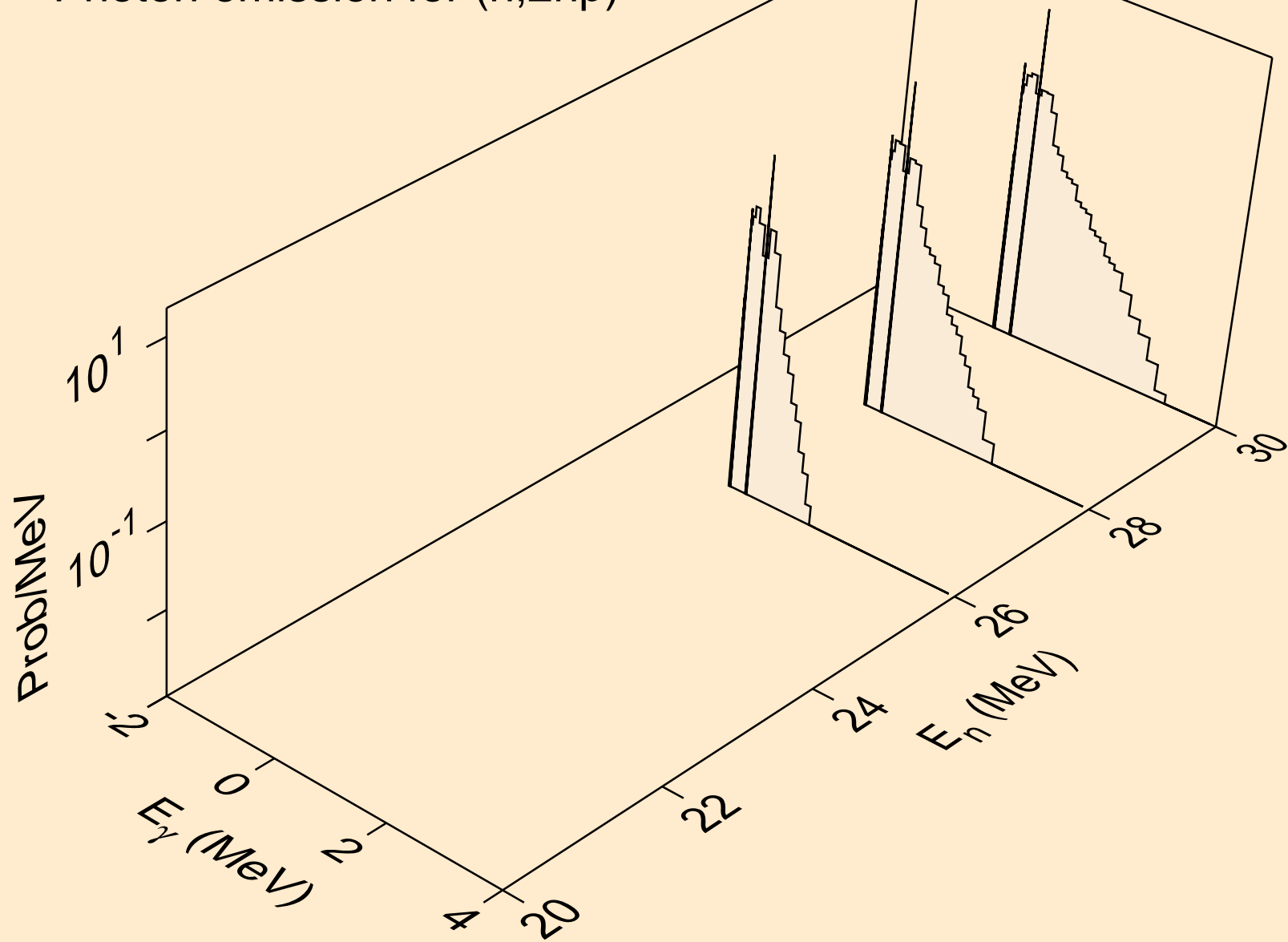
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



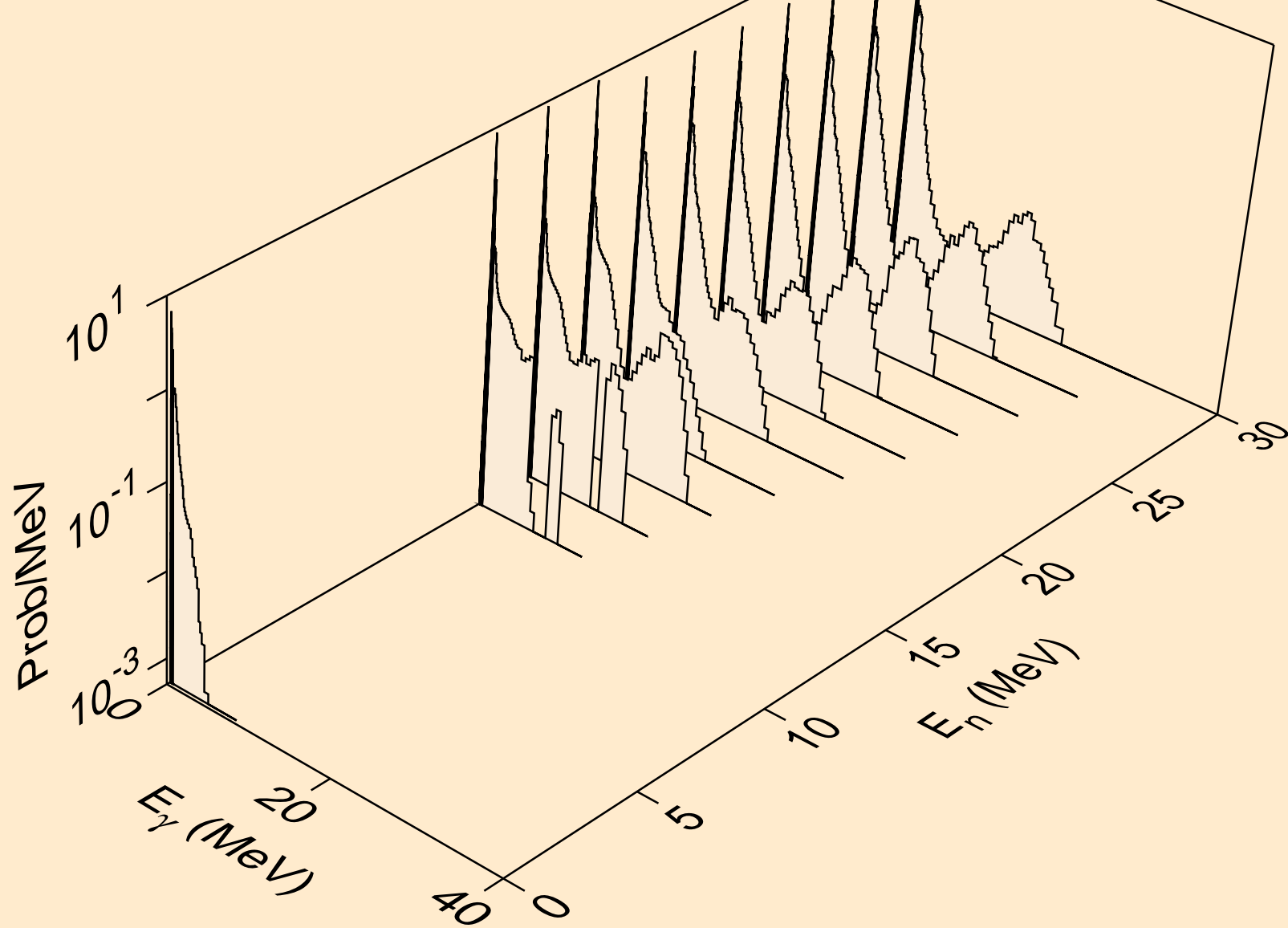
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



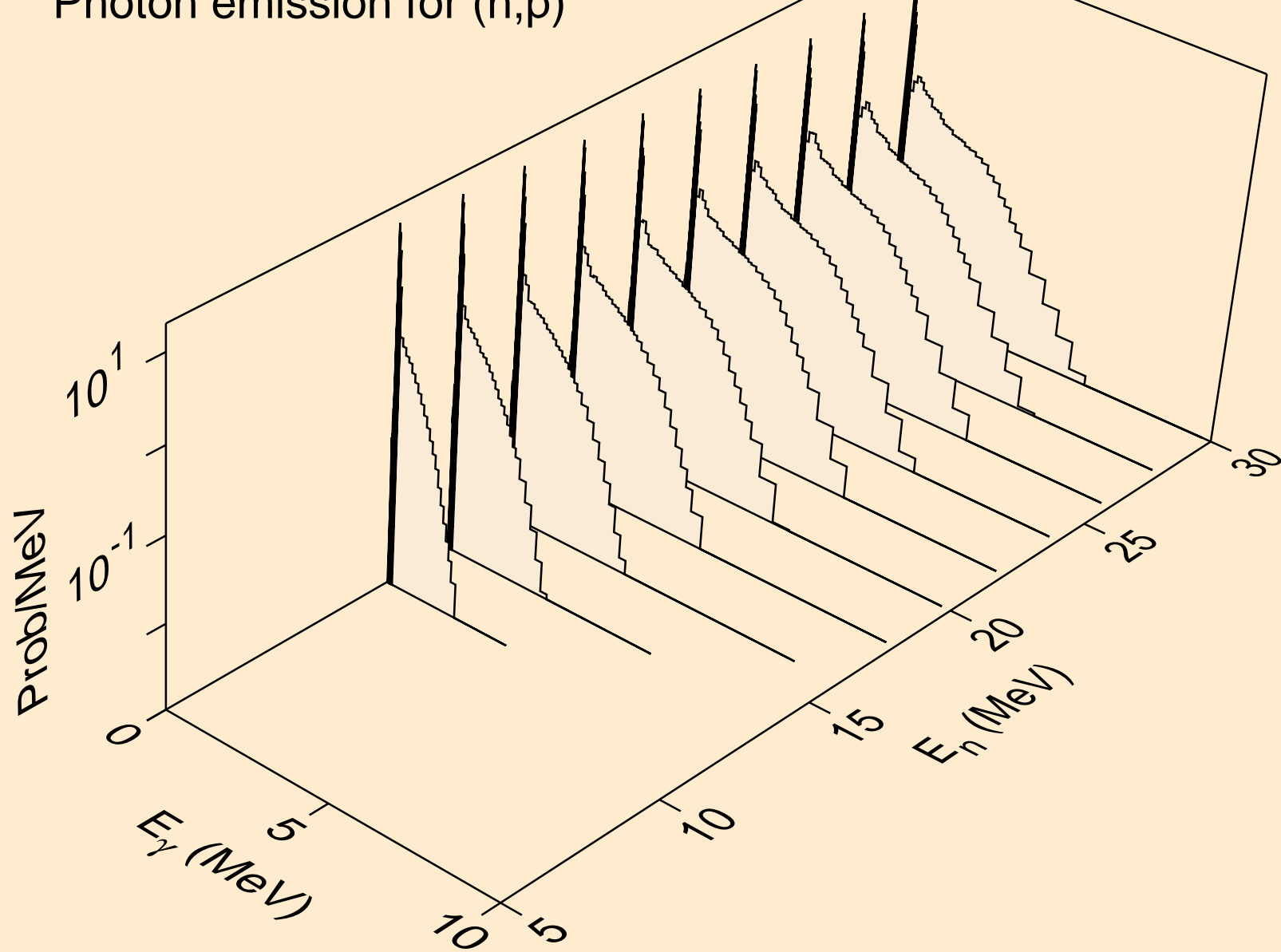
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



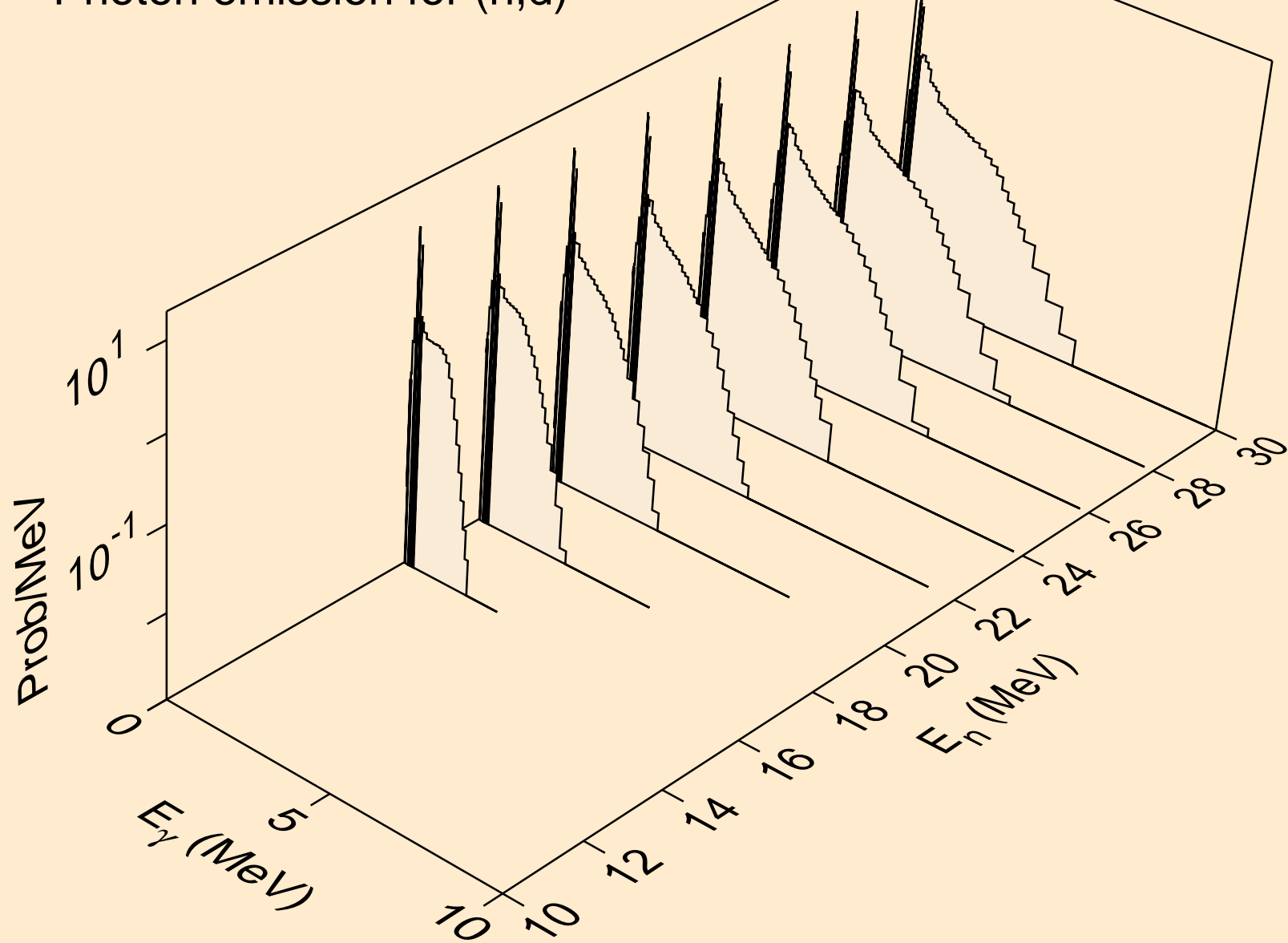
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



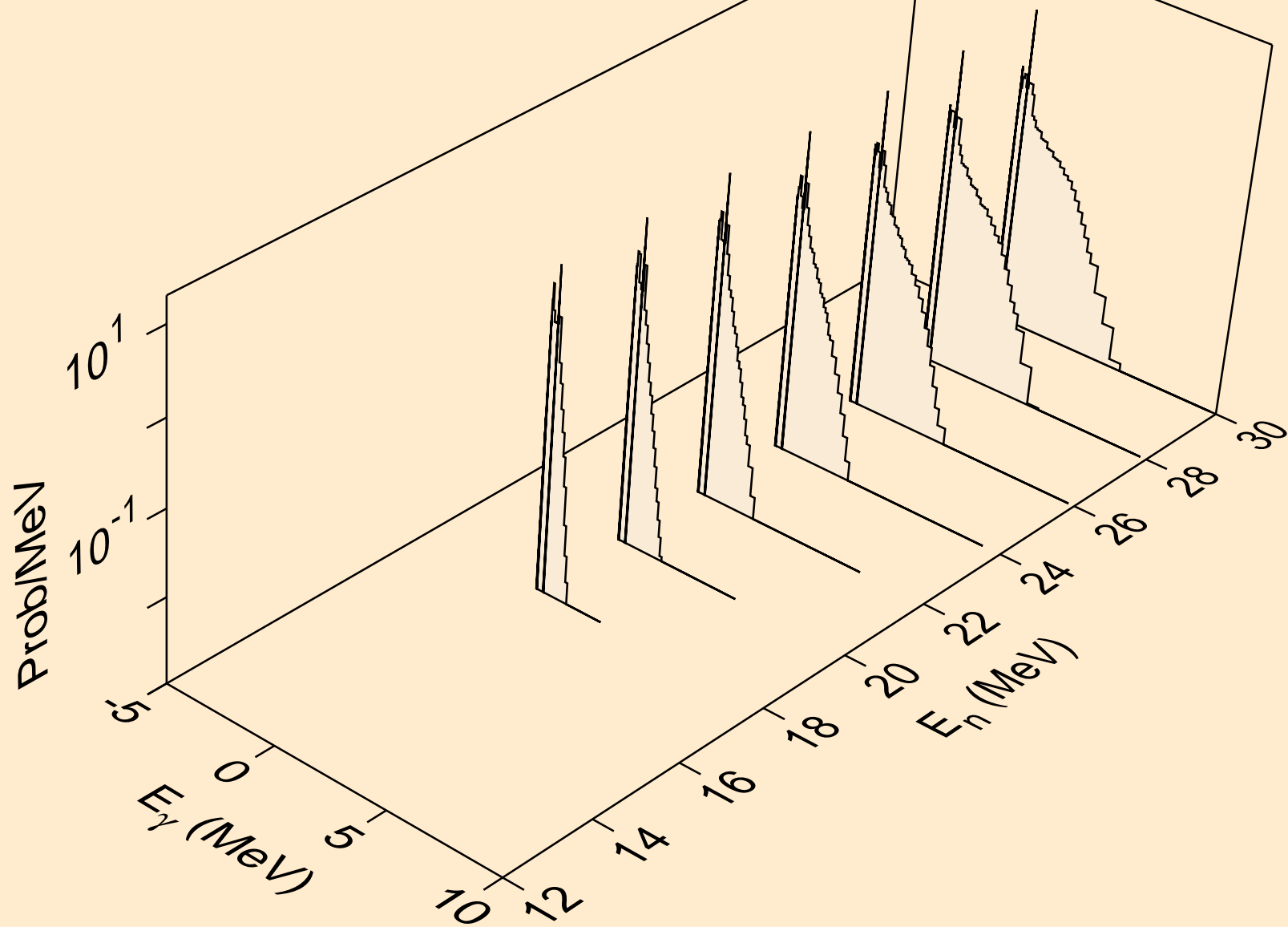
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



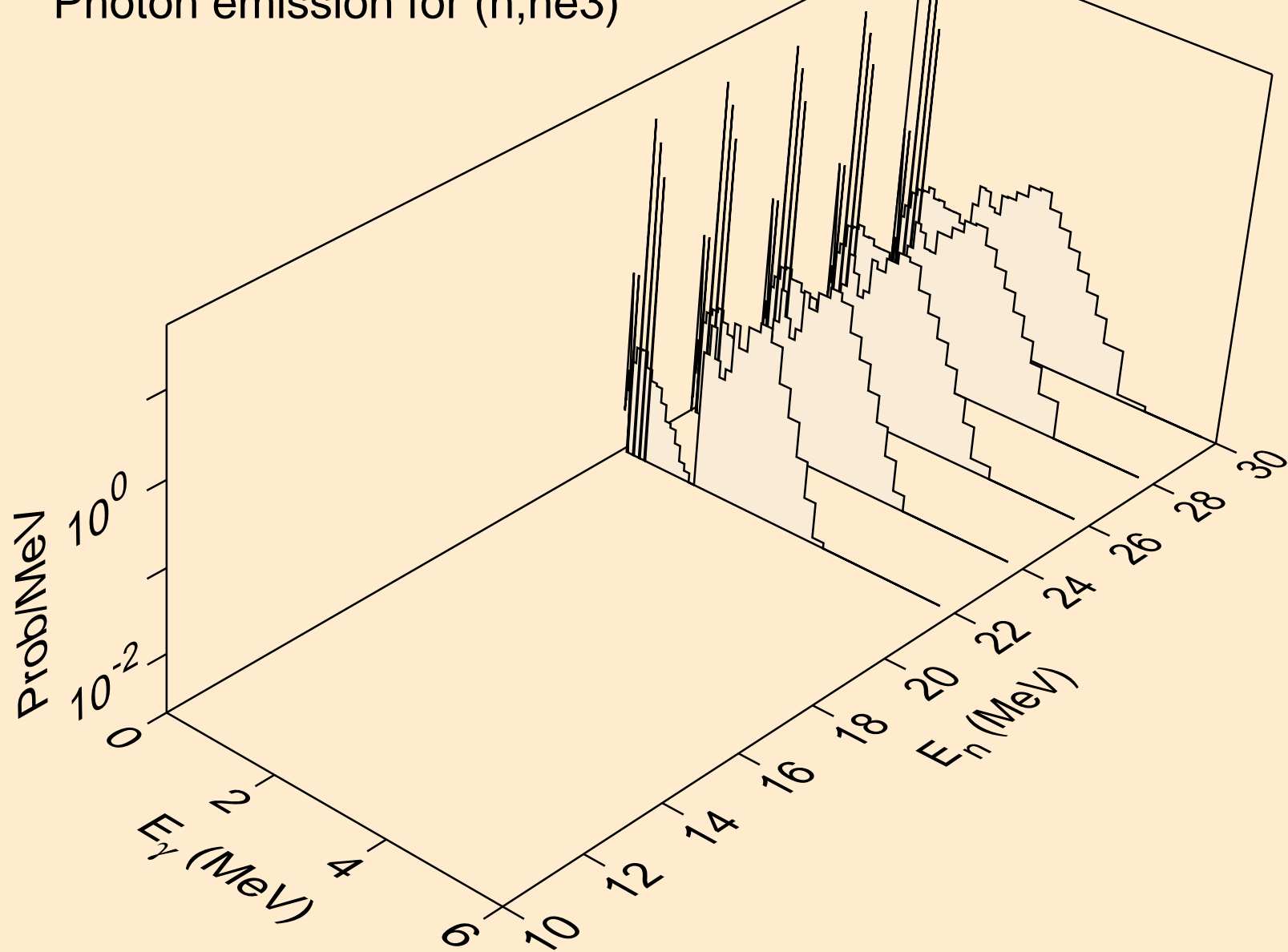
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

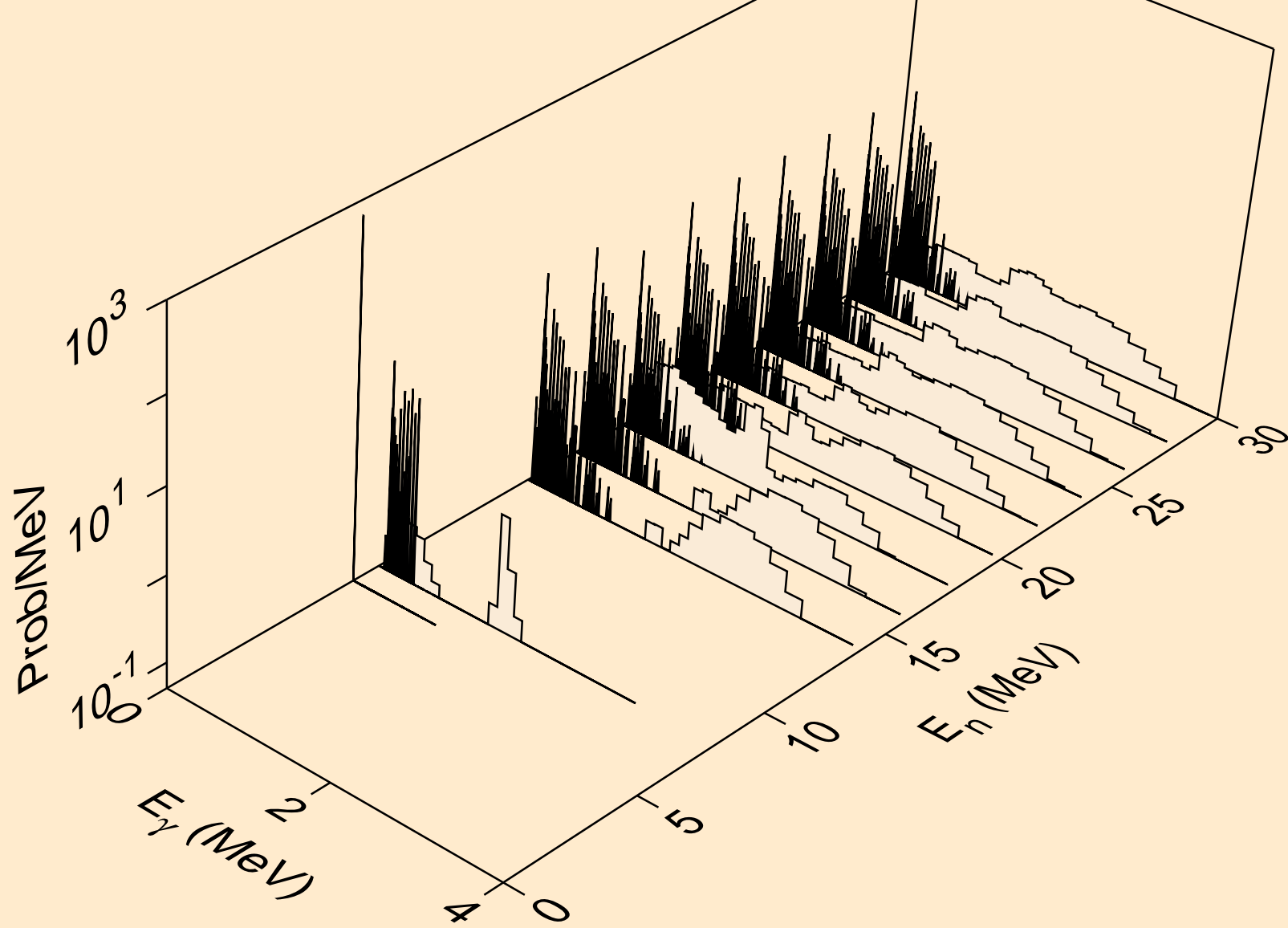


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

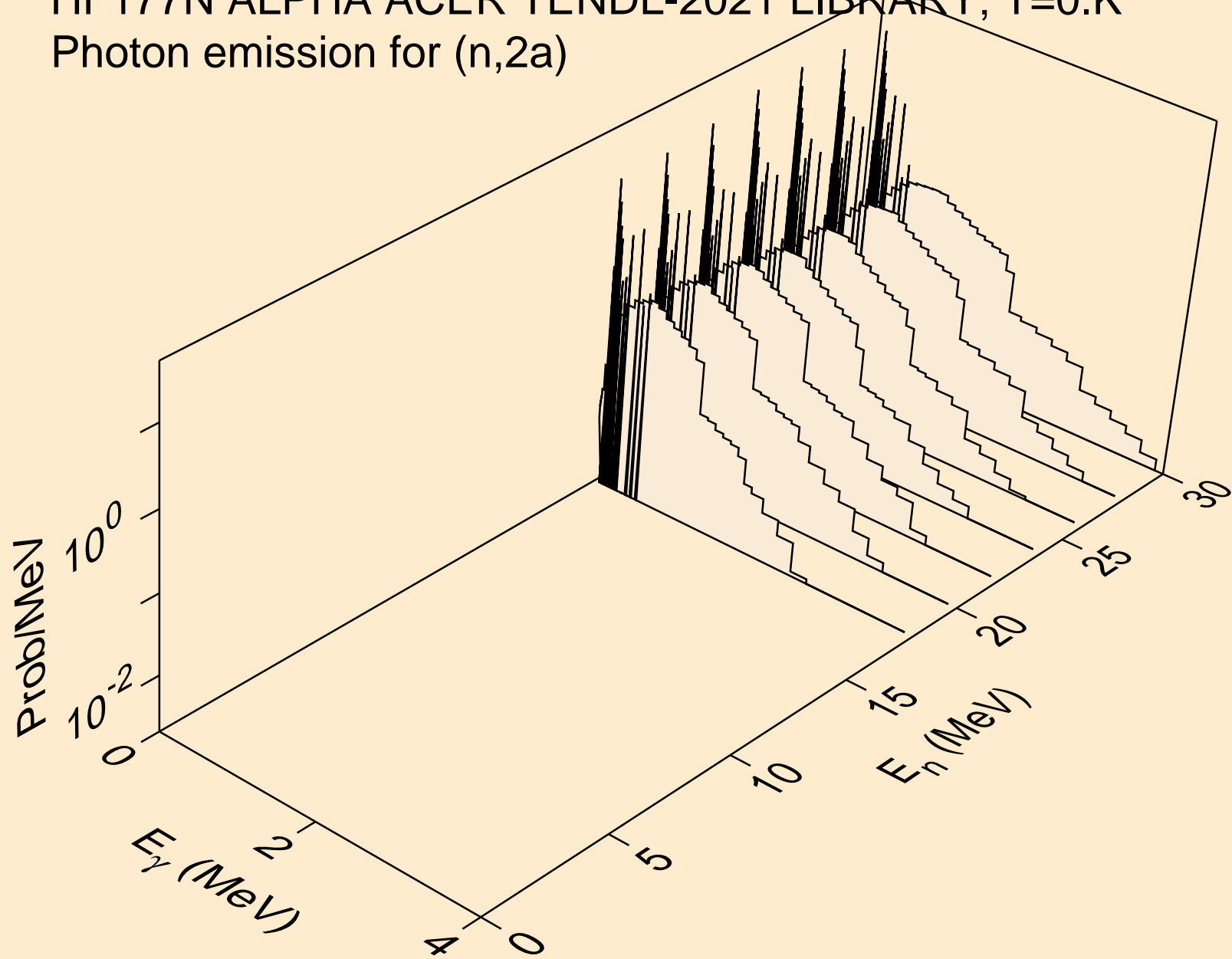




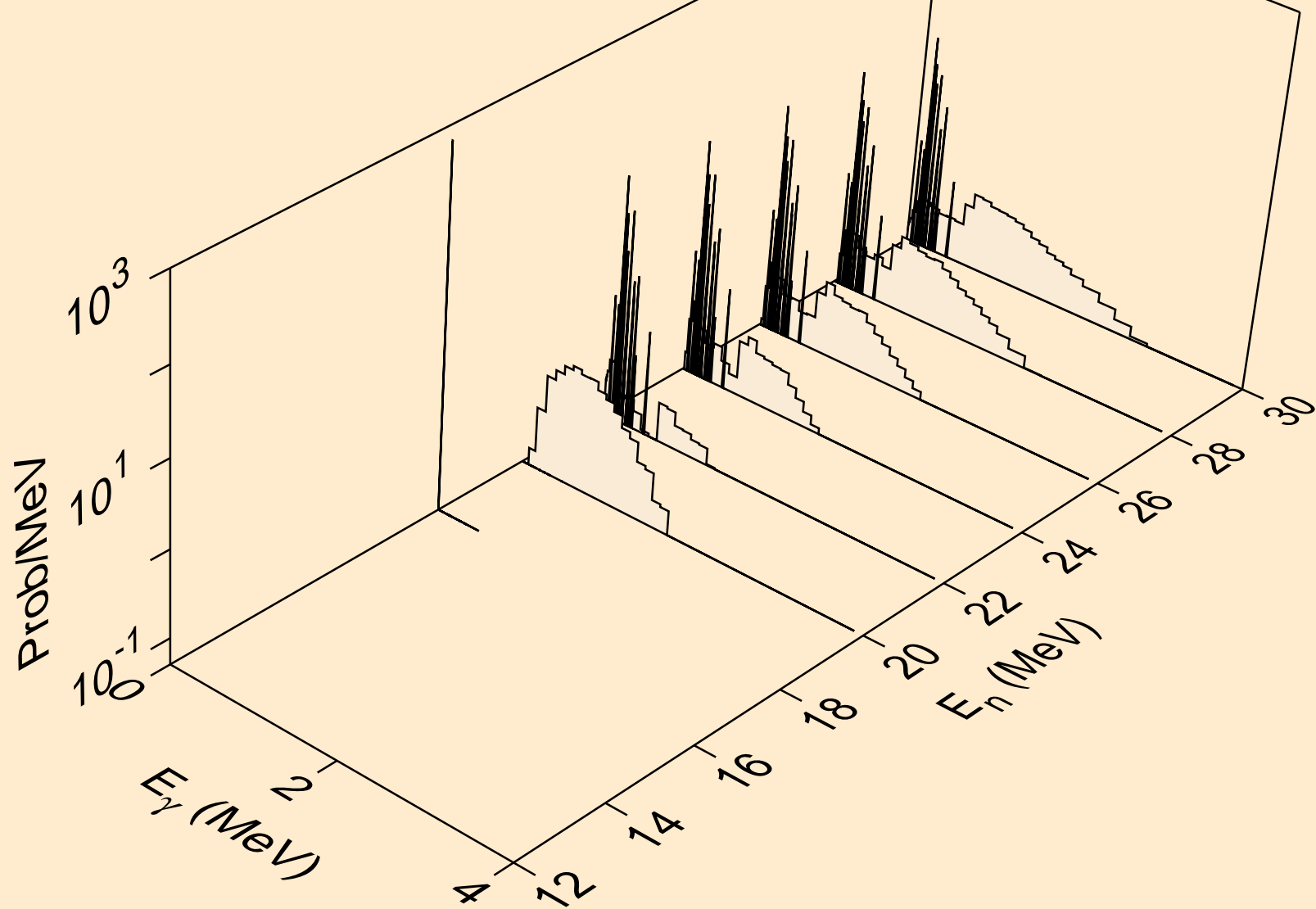
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



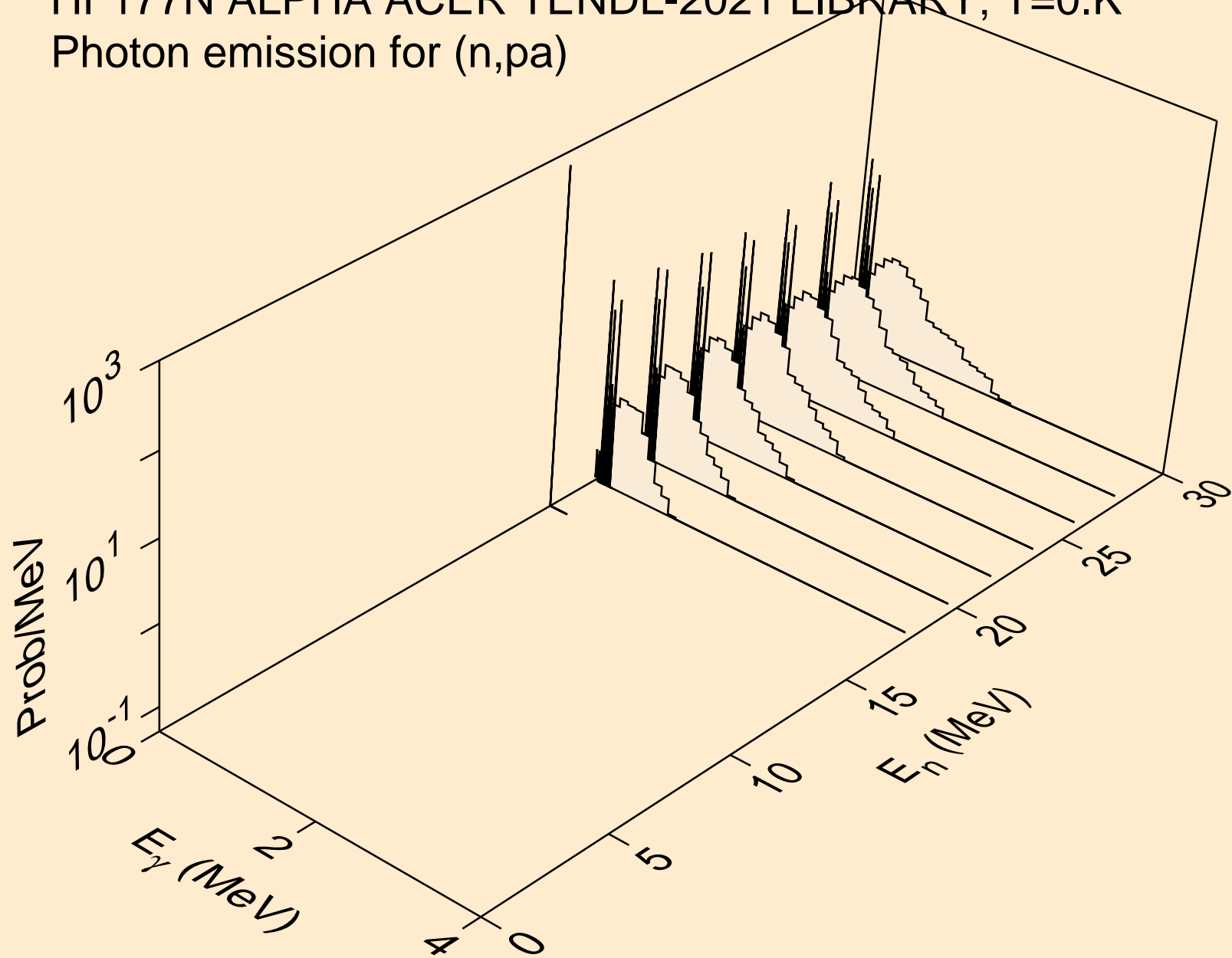
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



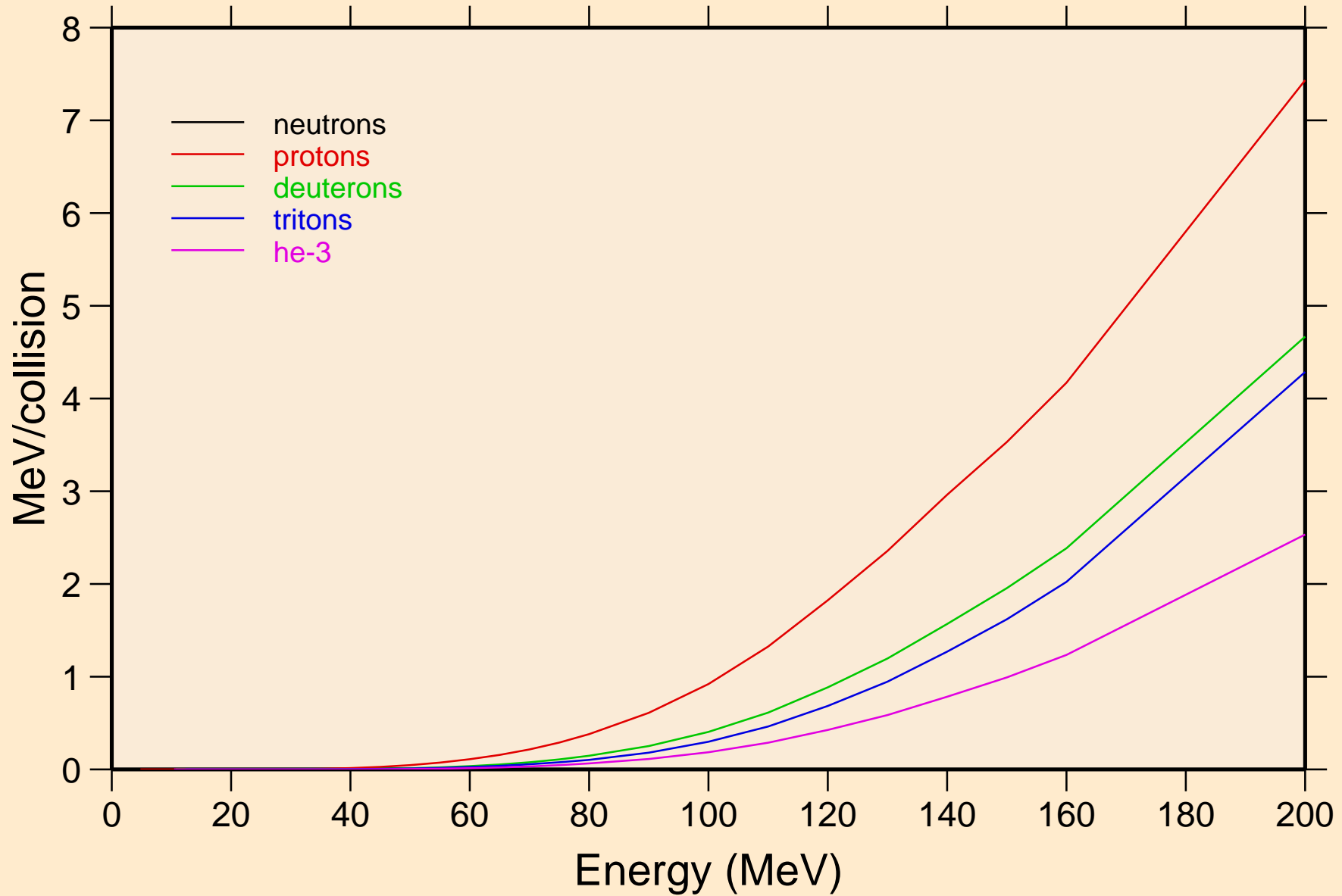
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



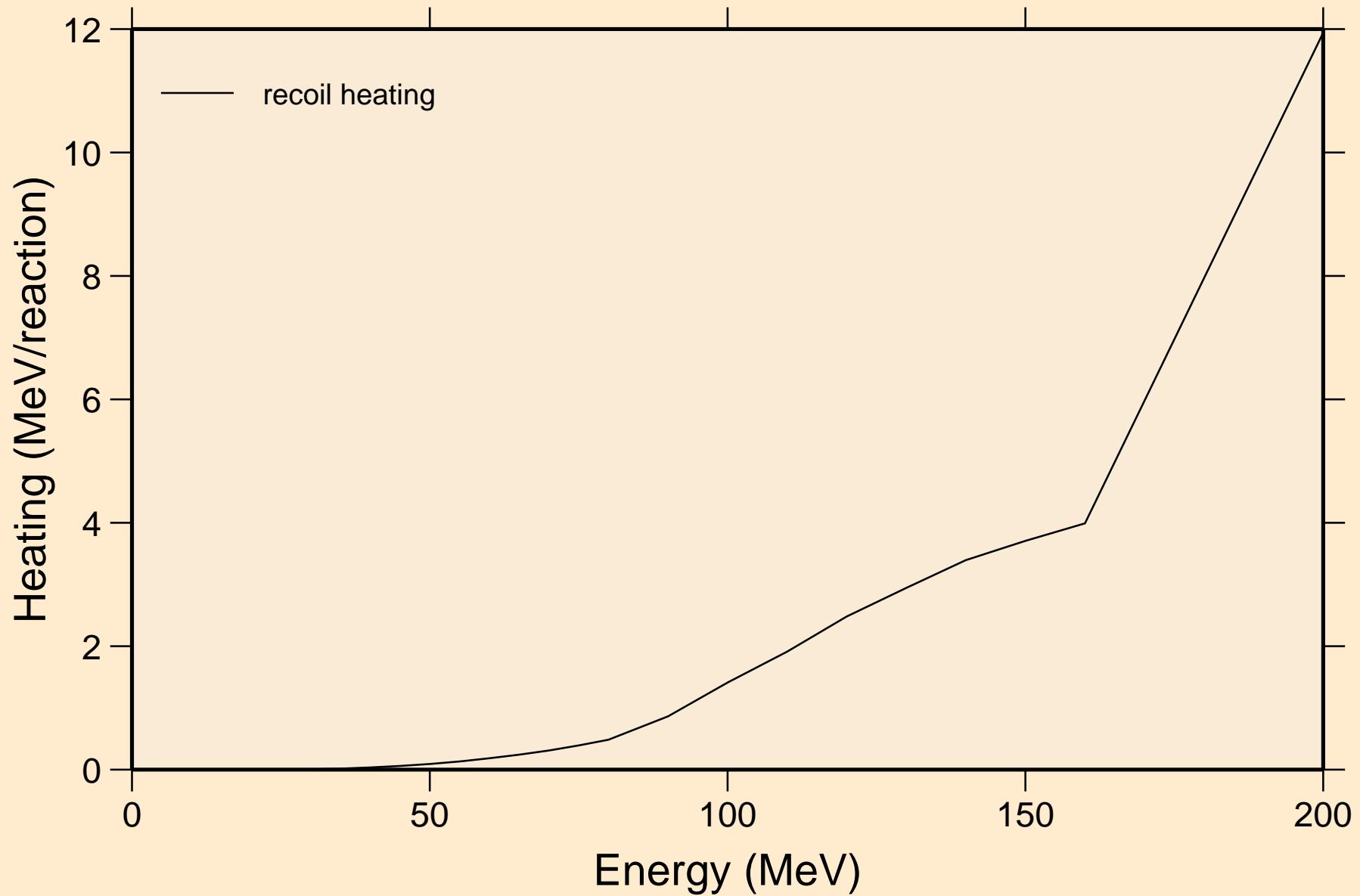
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



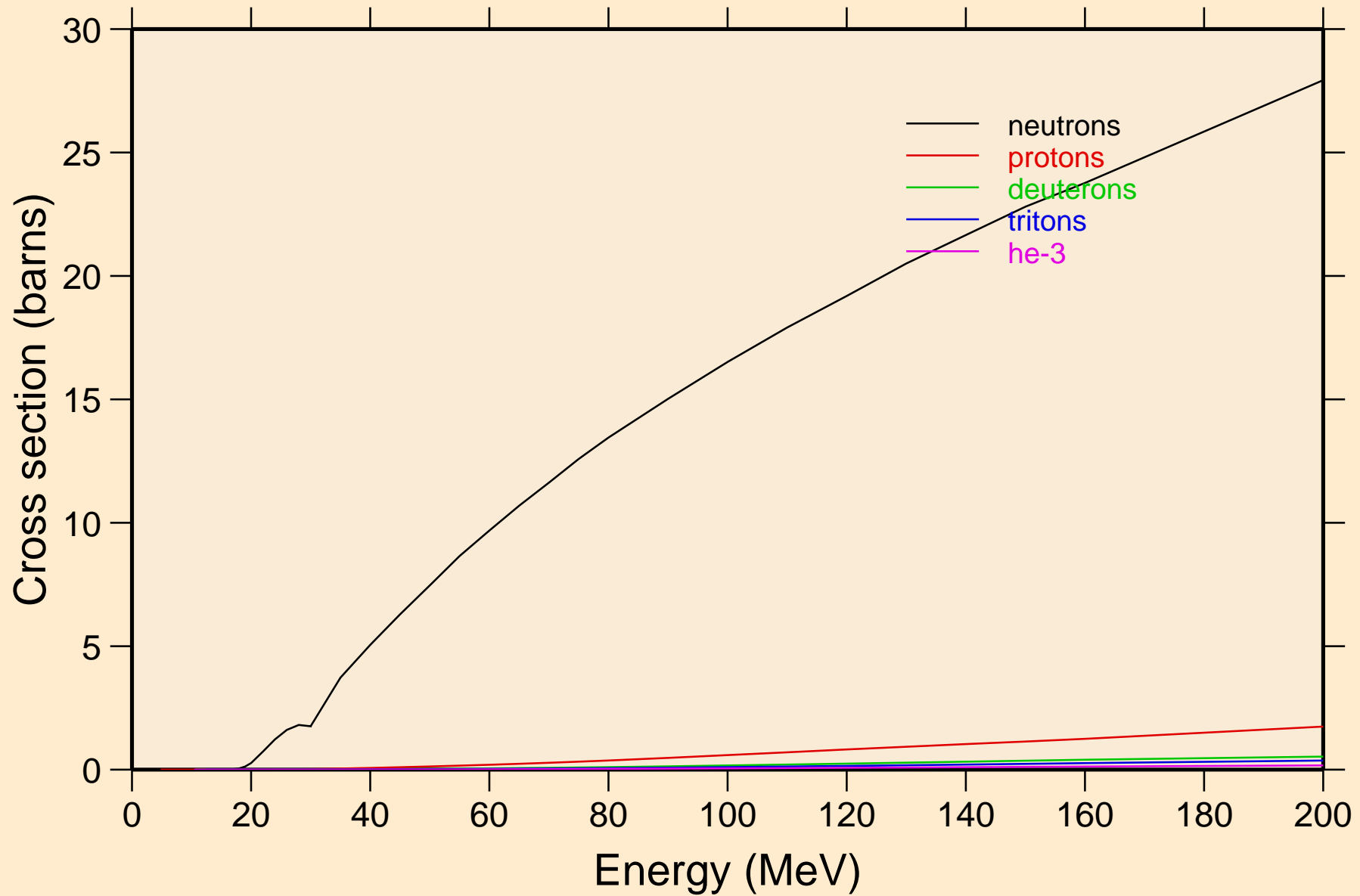
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



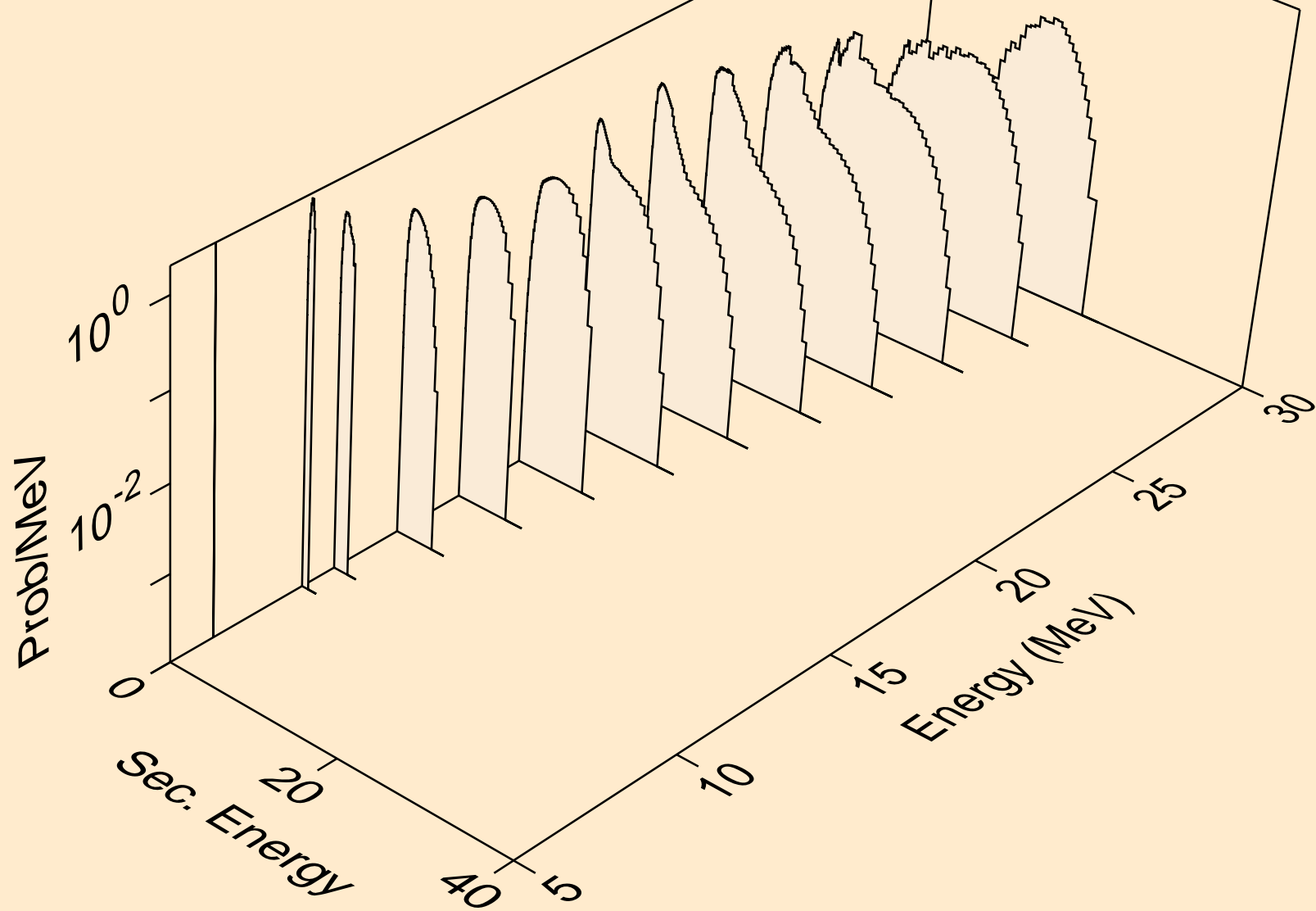
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

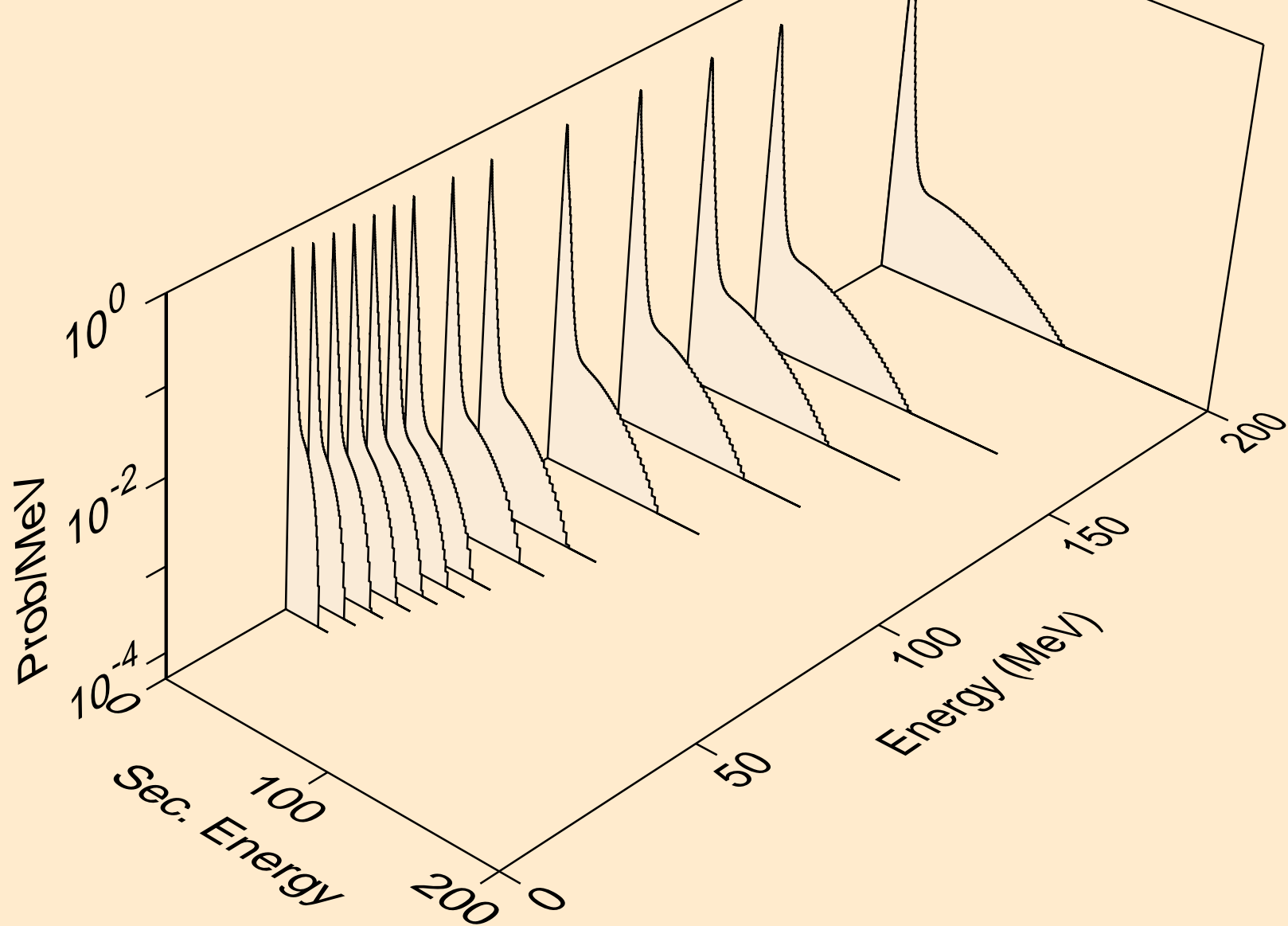


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

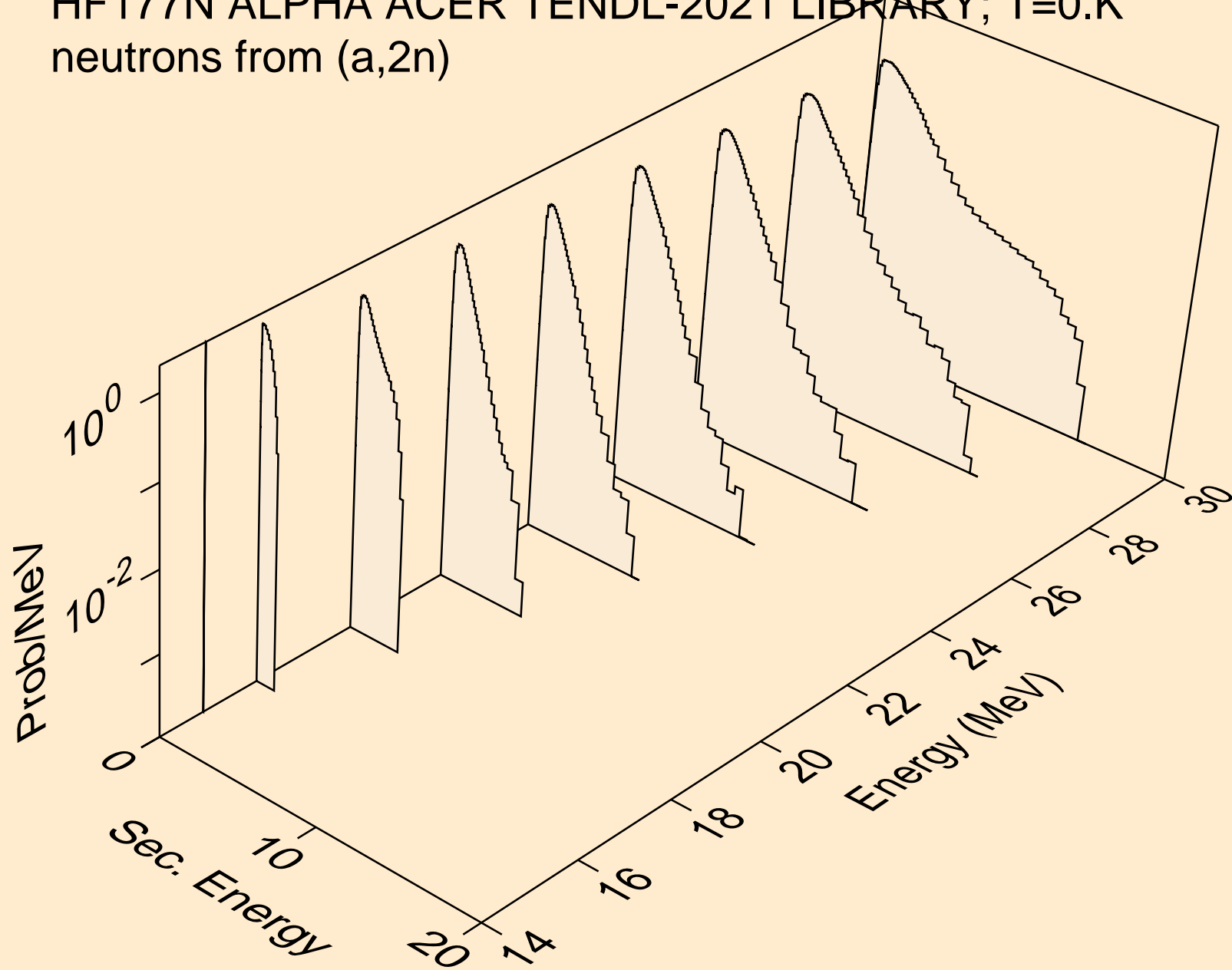




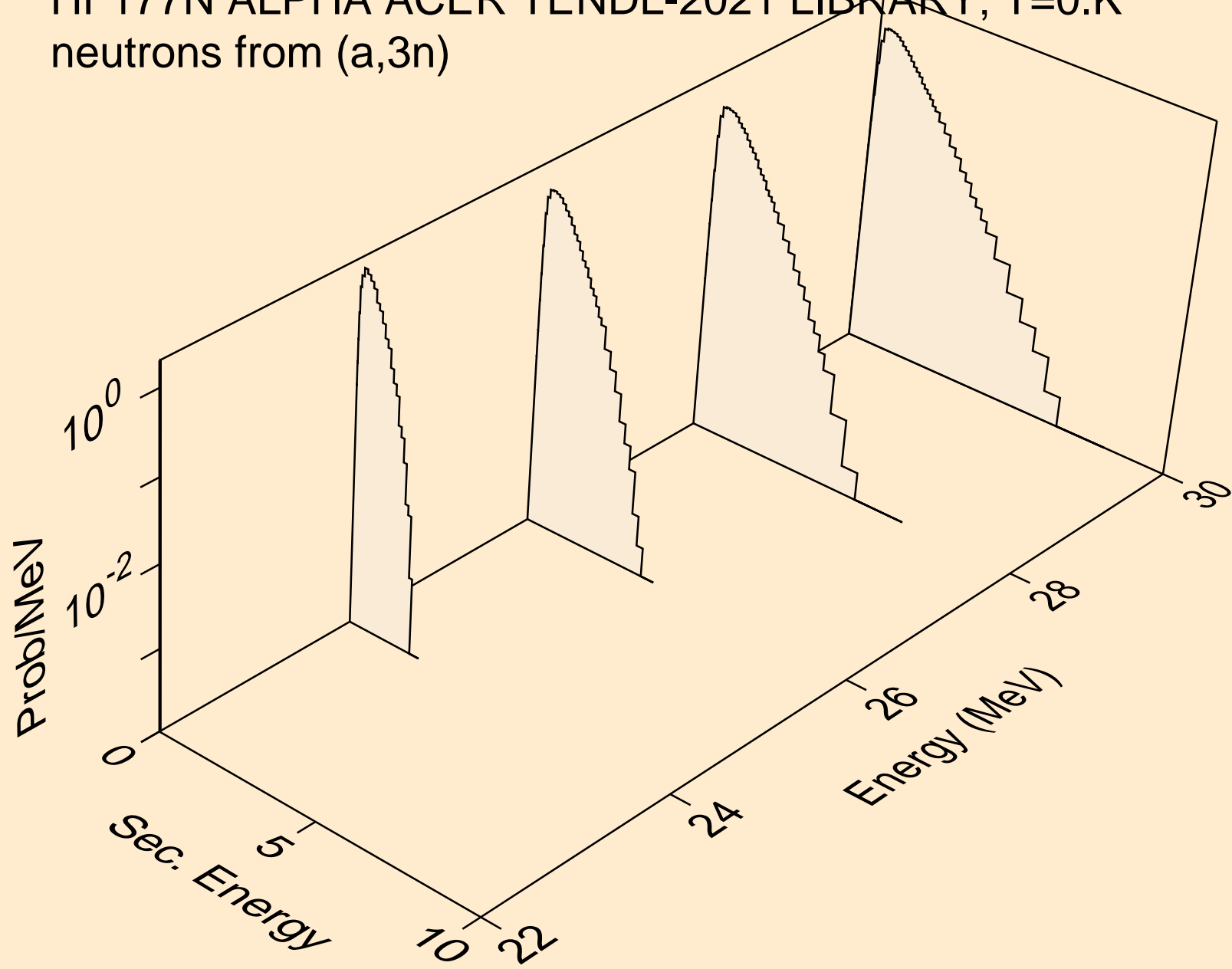
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



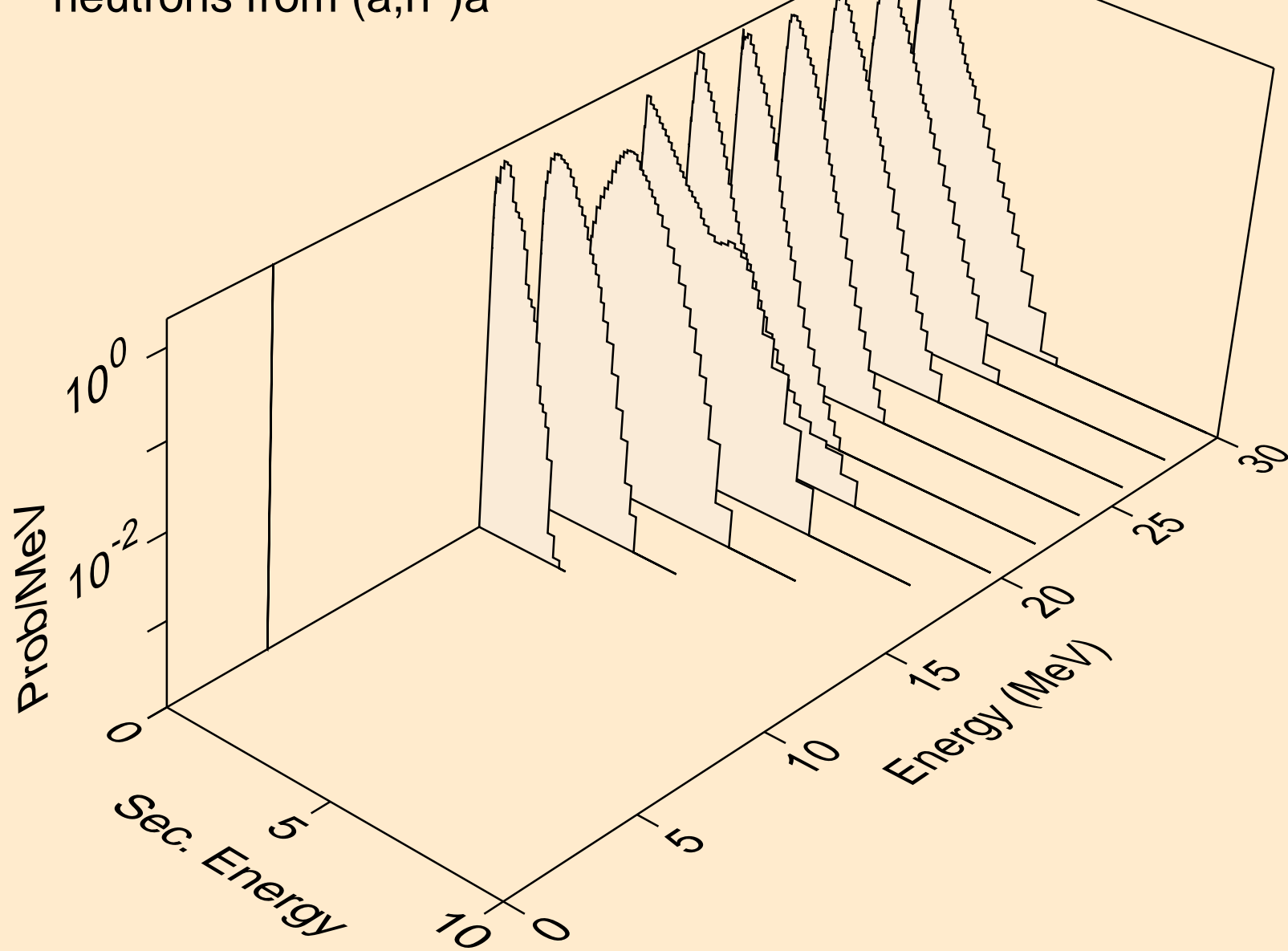
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



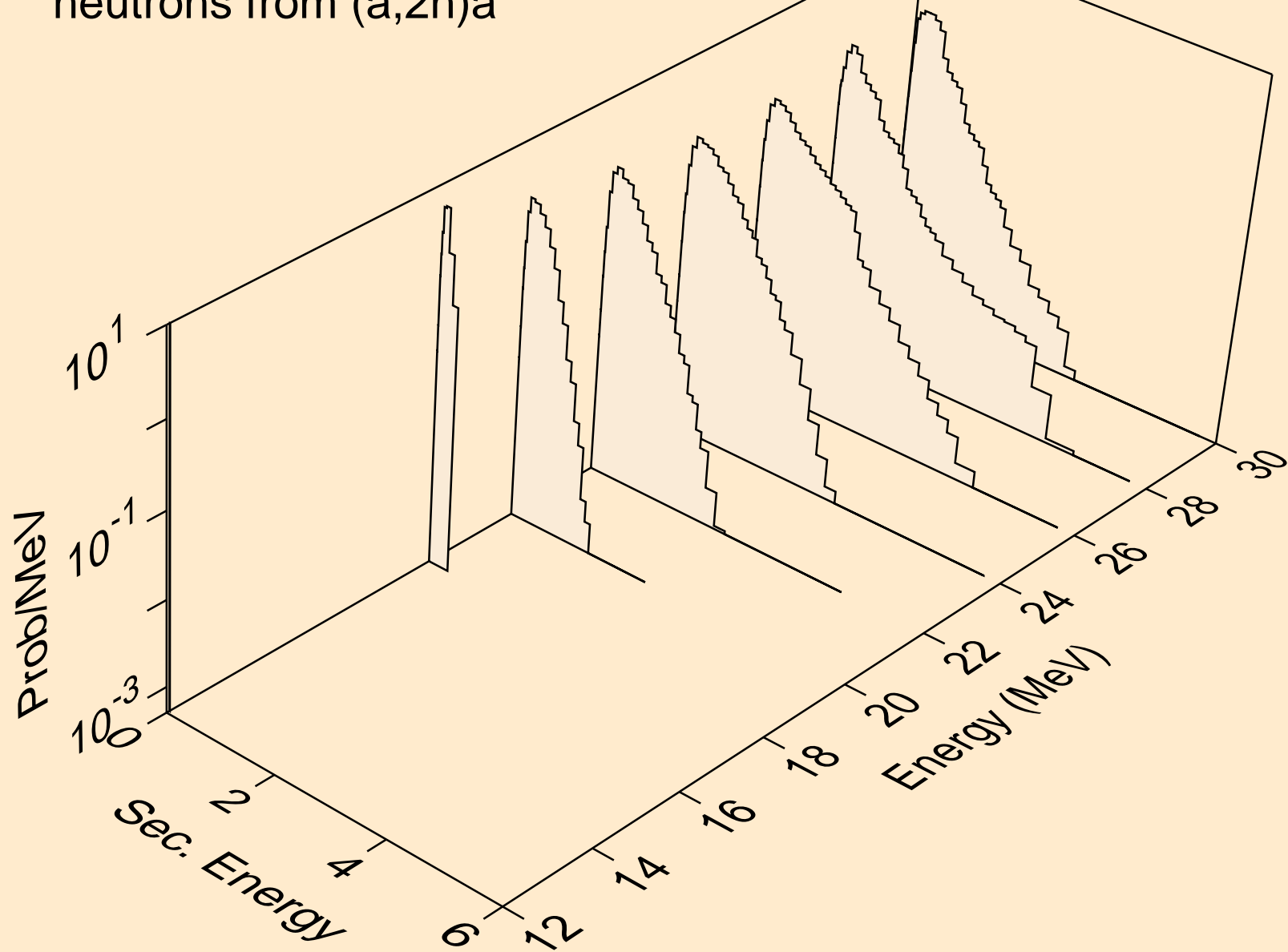
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



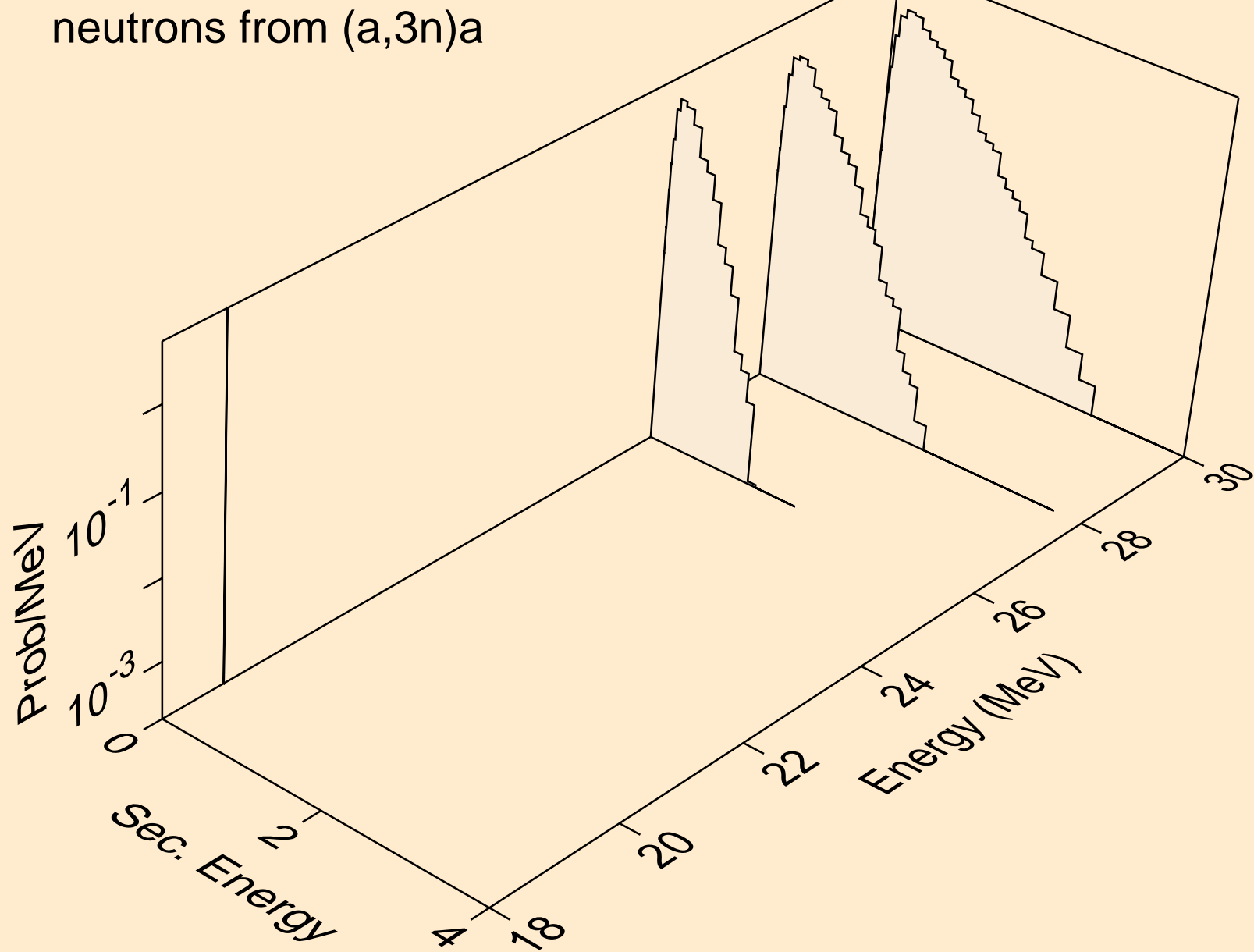
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



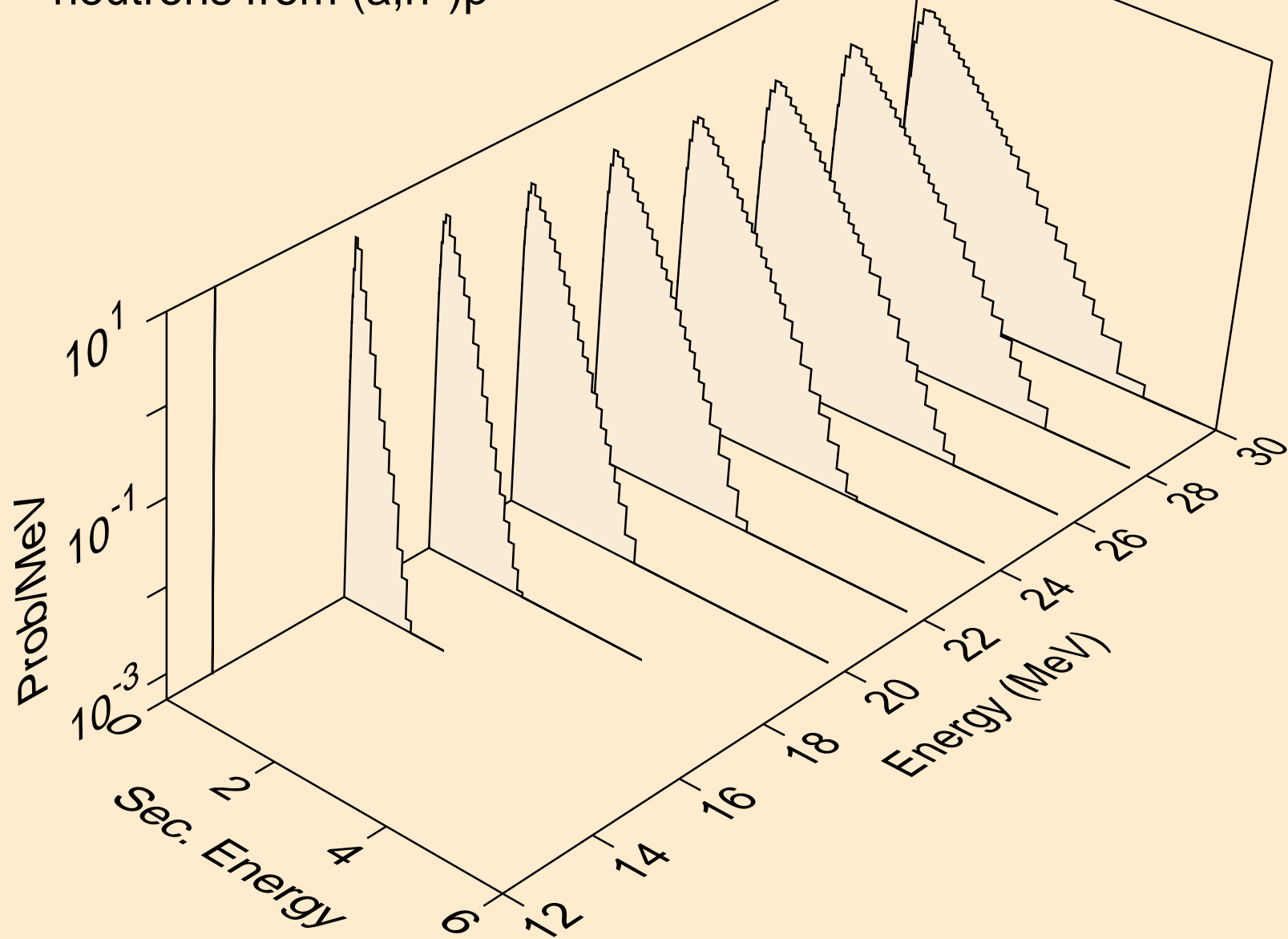
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



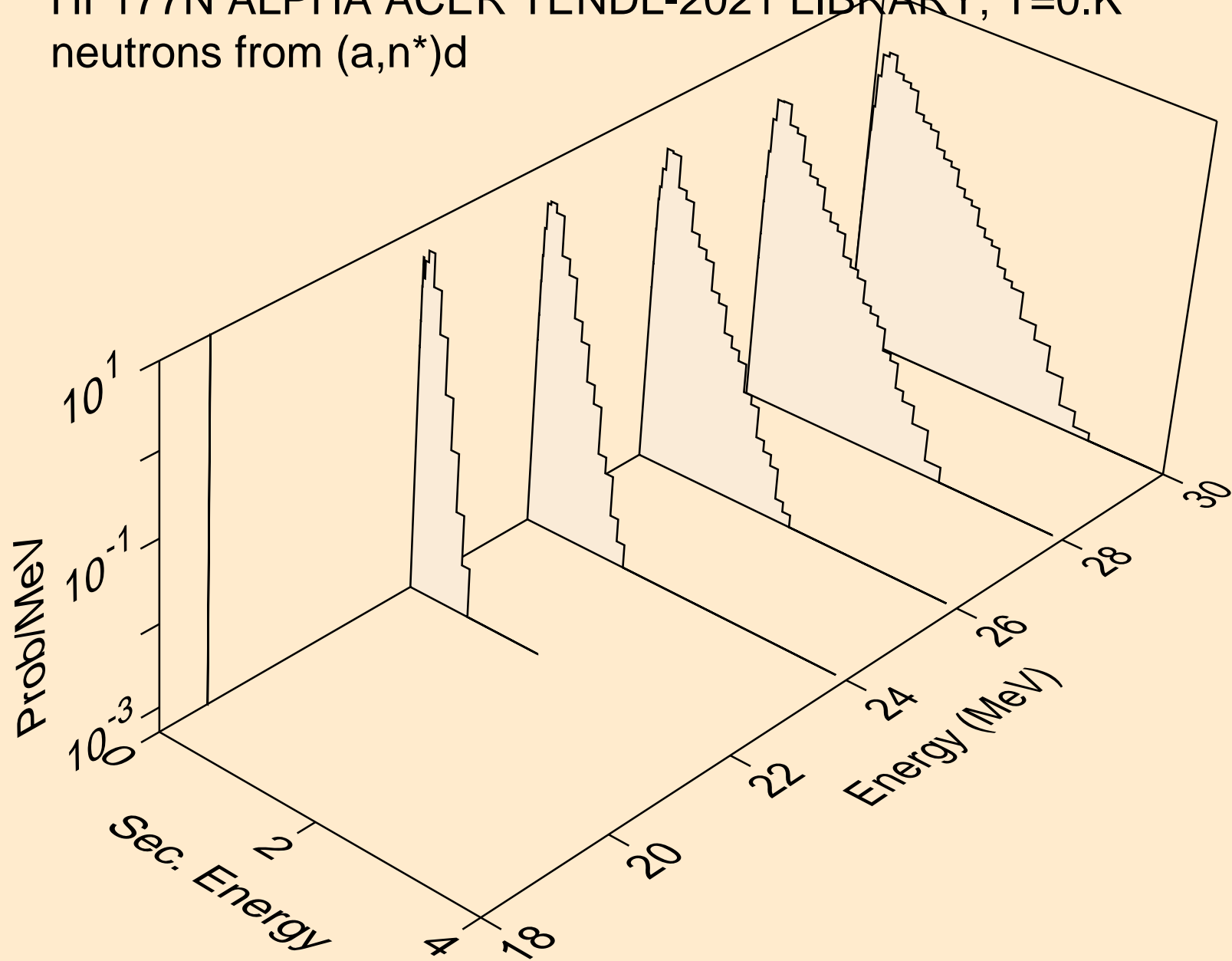
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)a



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

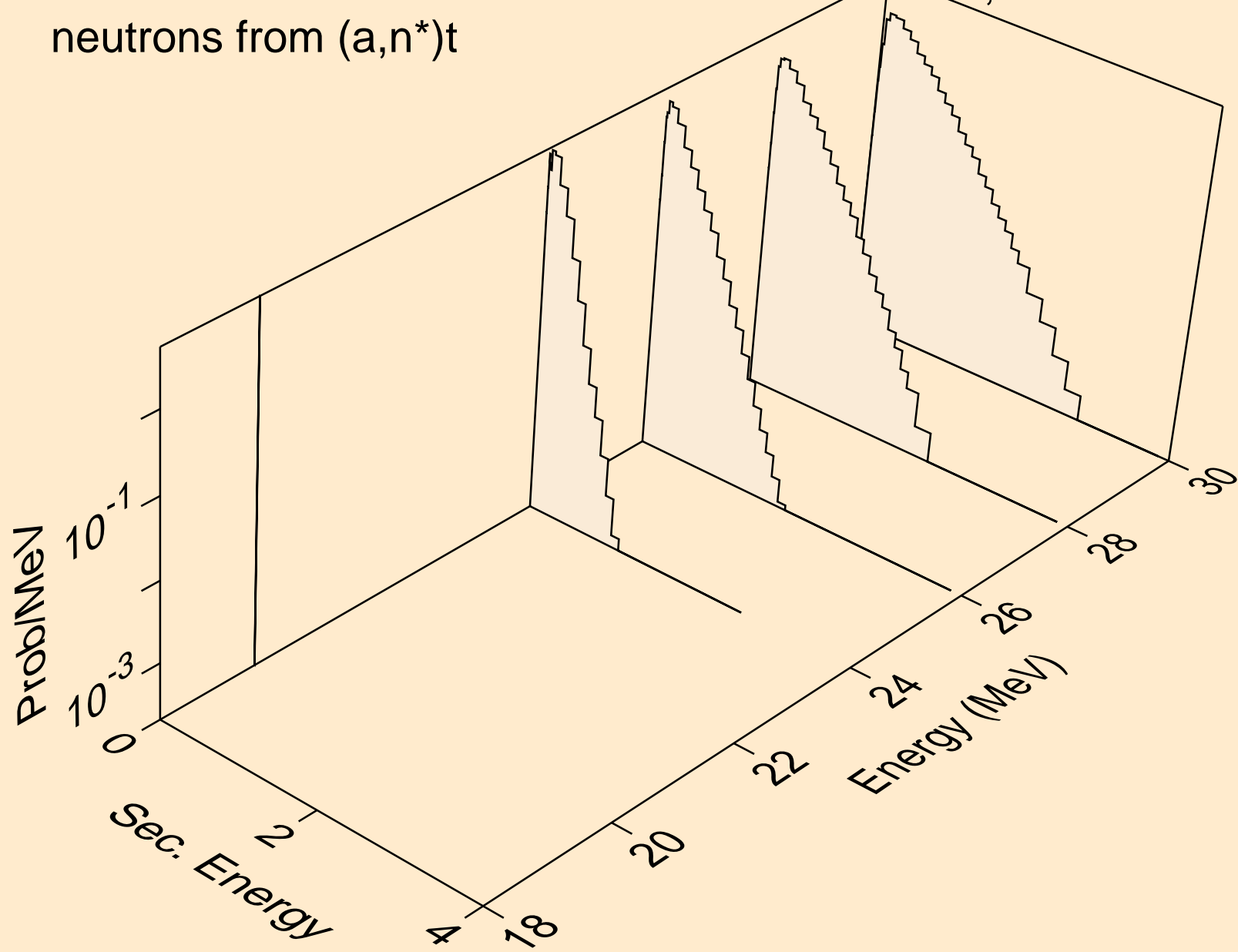


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

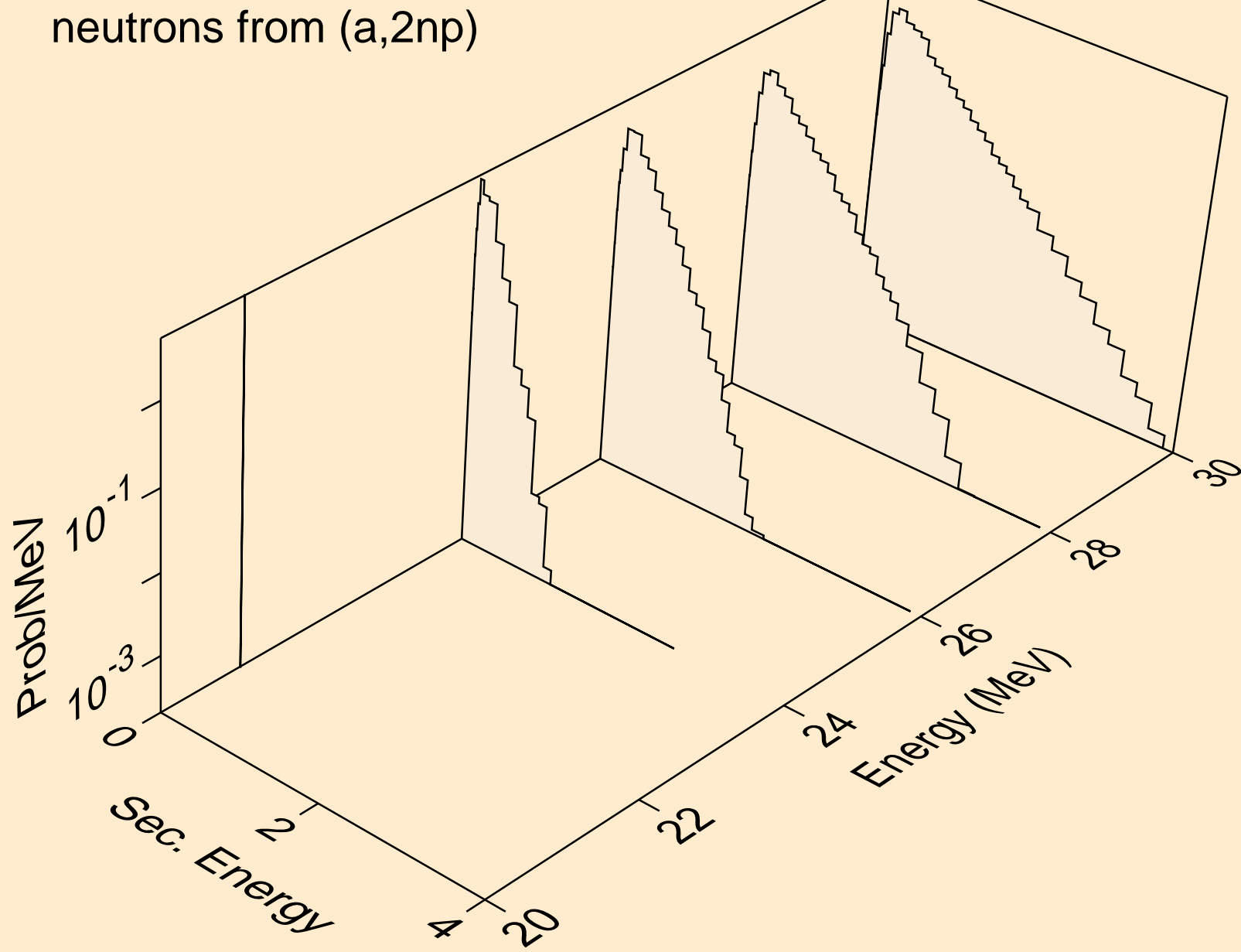




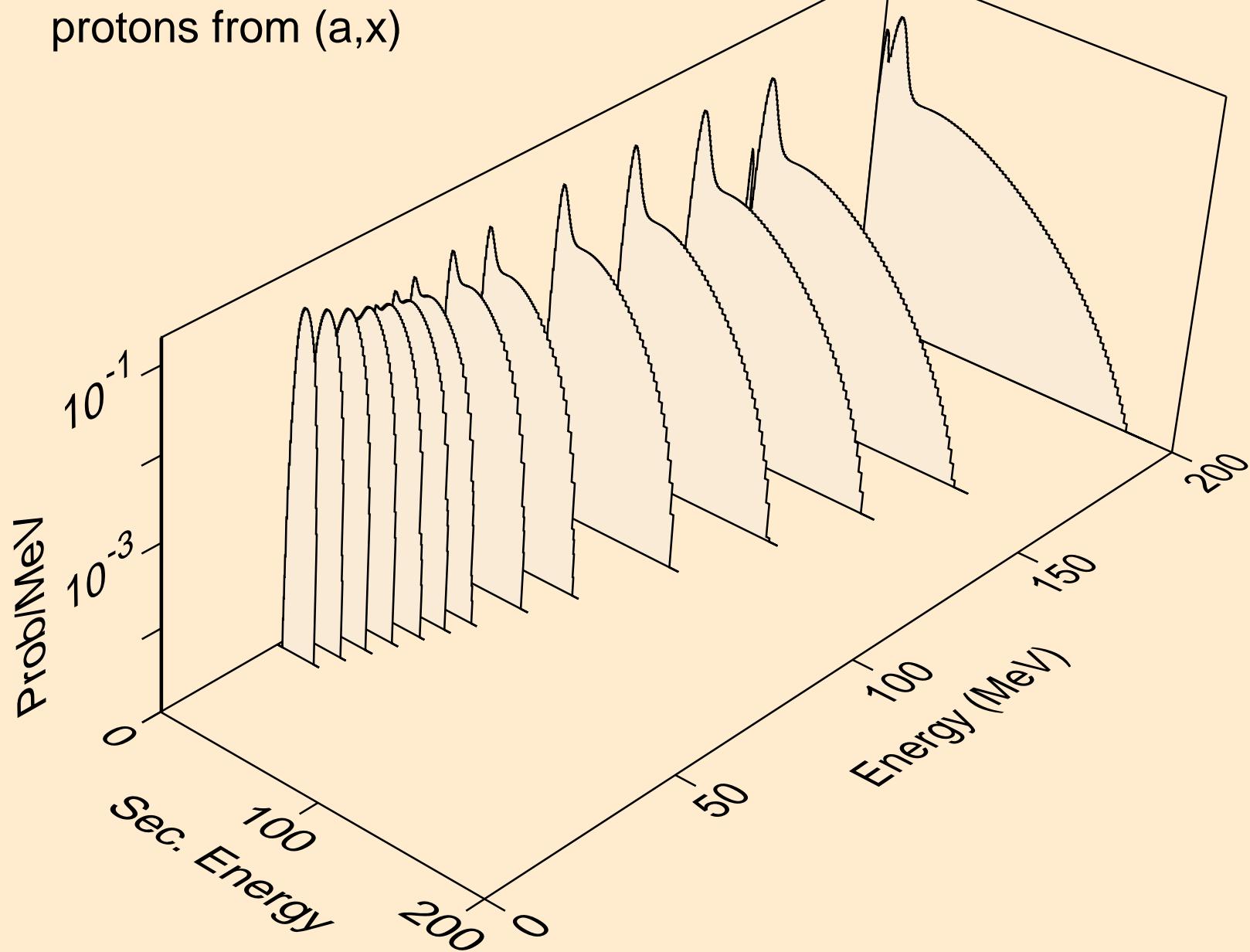
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



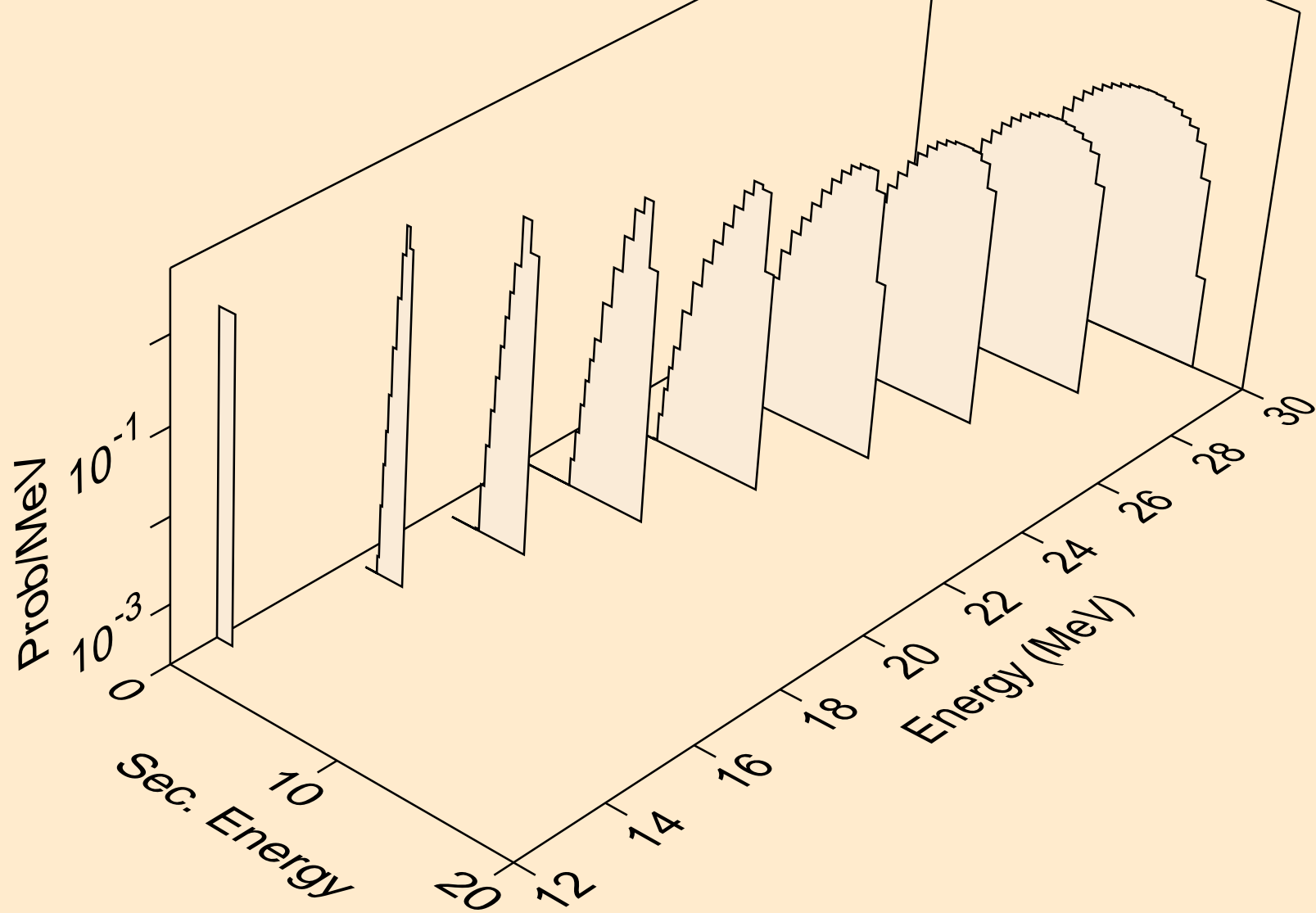
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



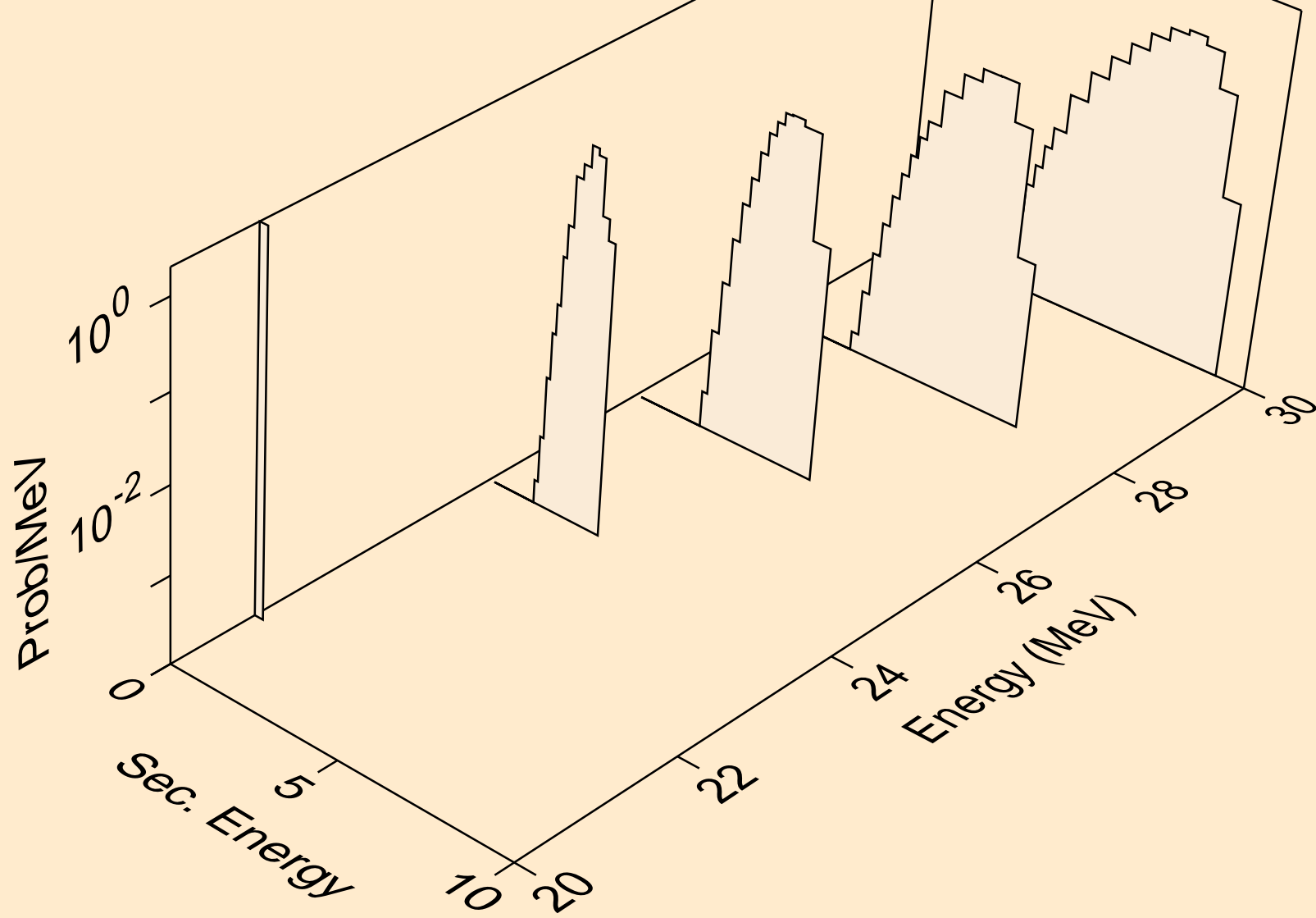
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



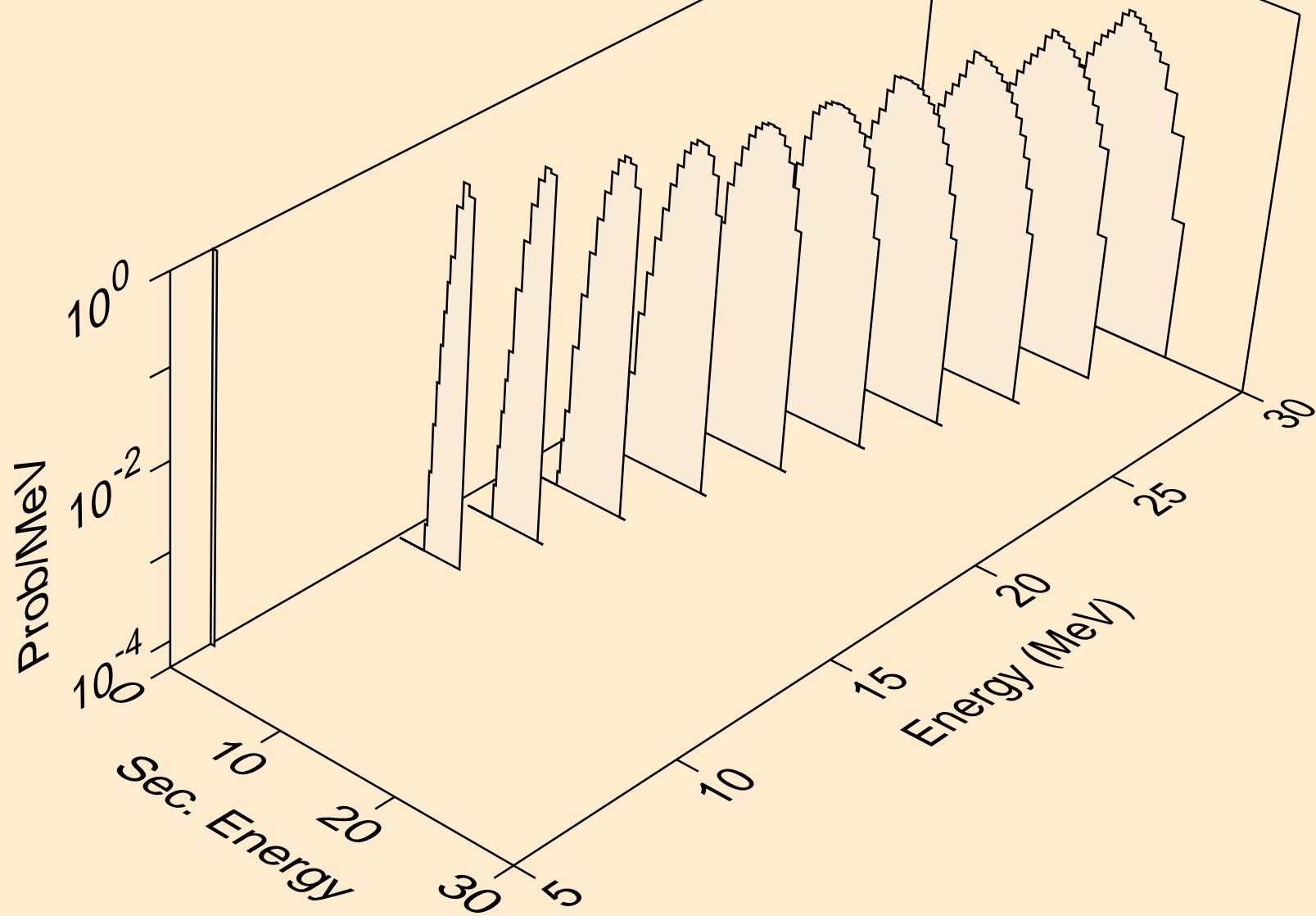
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



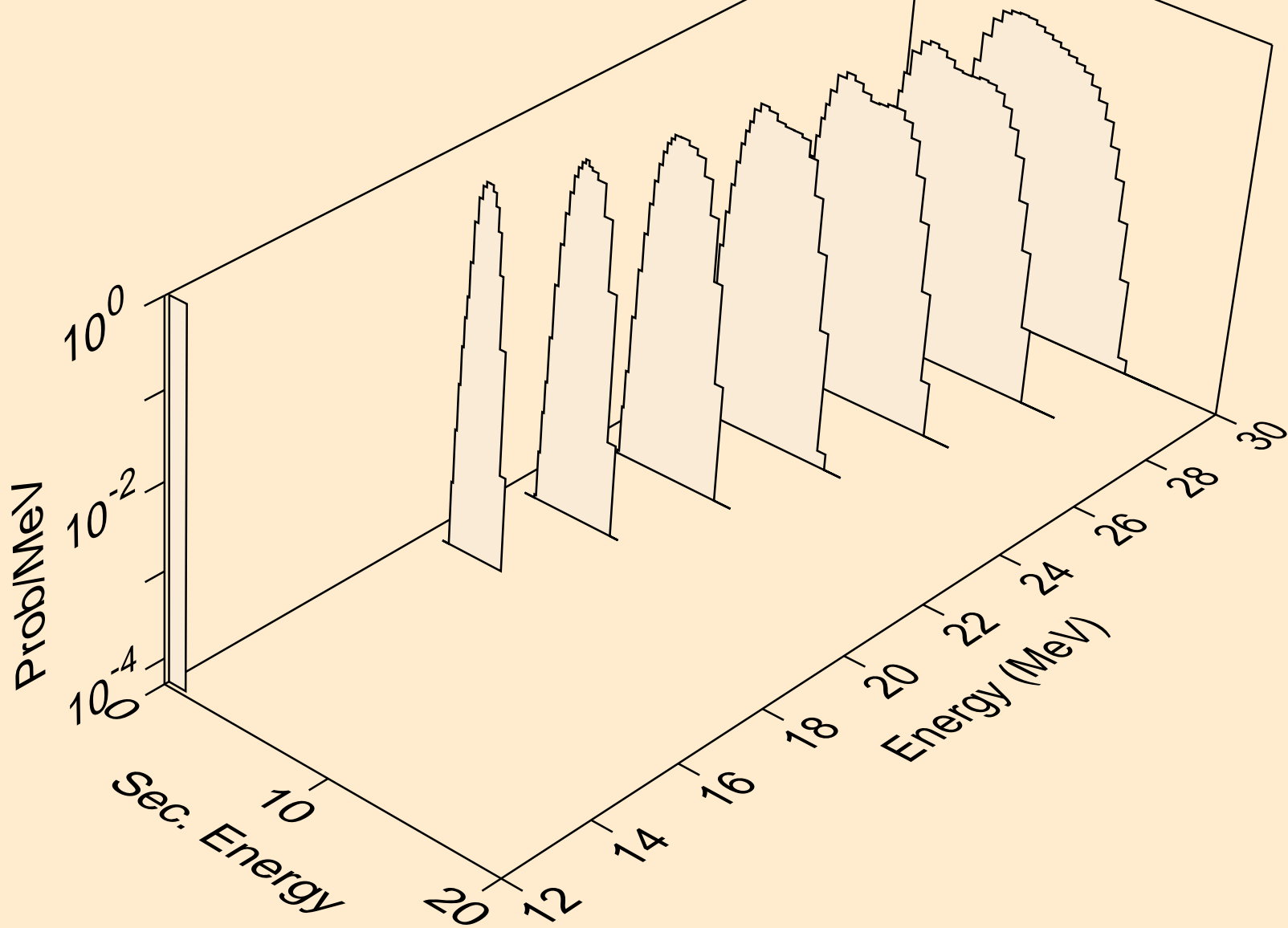
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



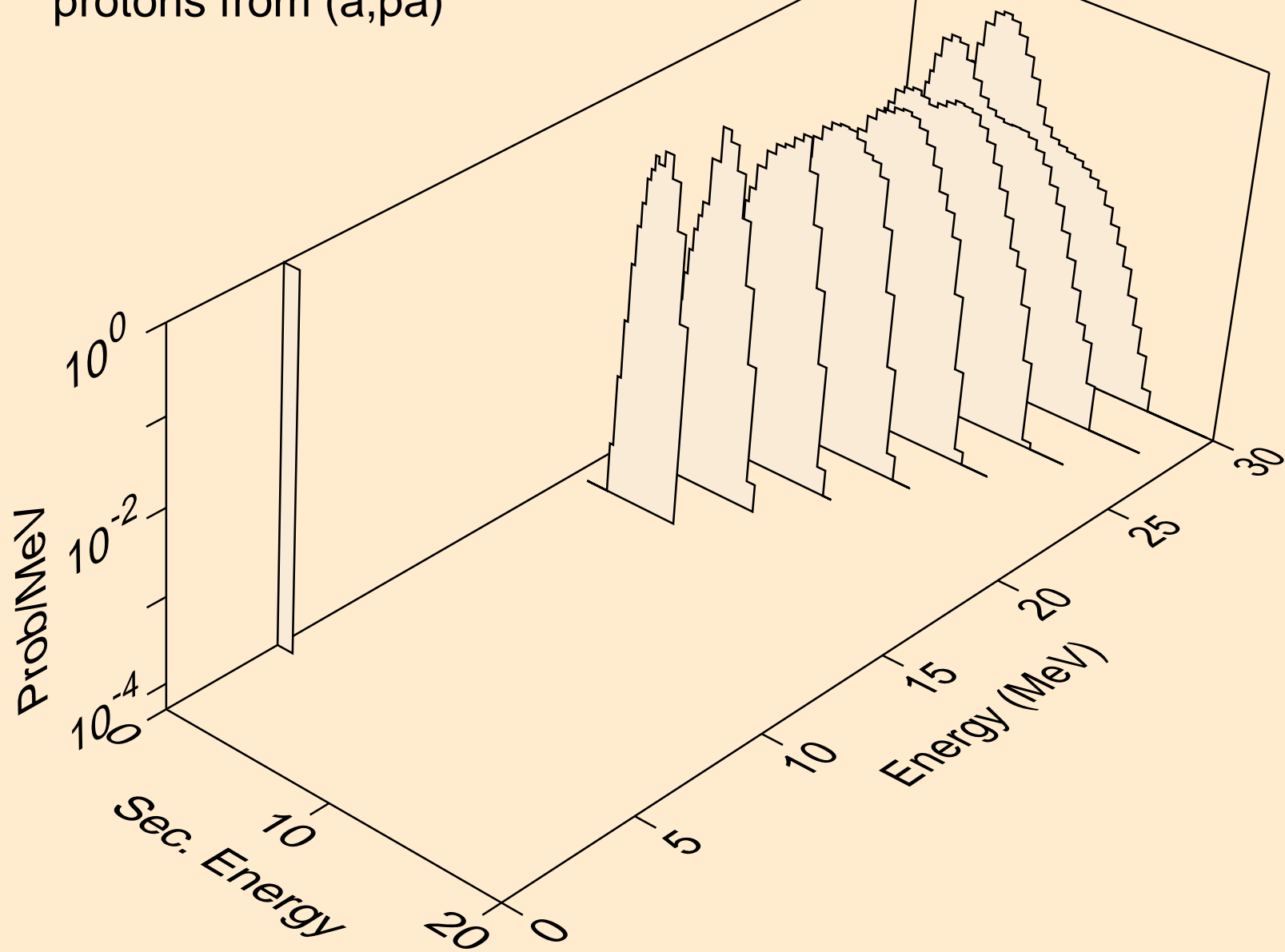
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

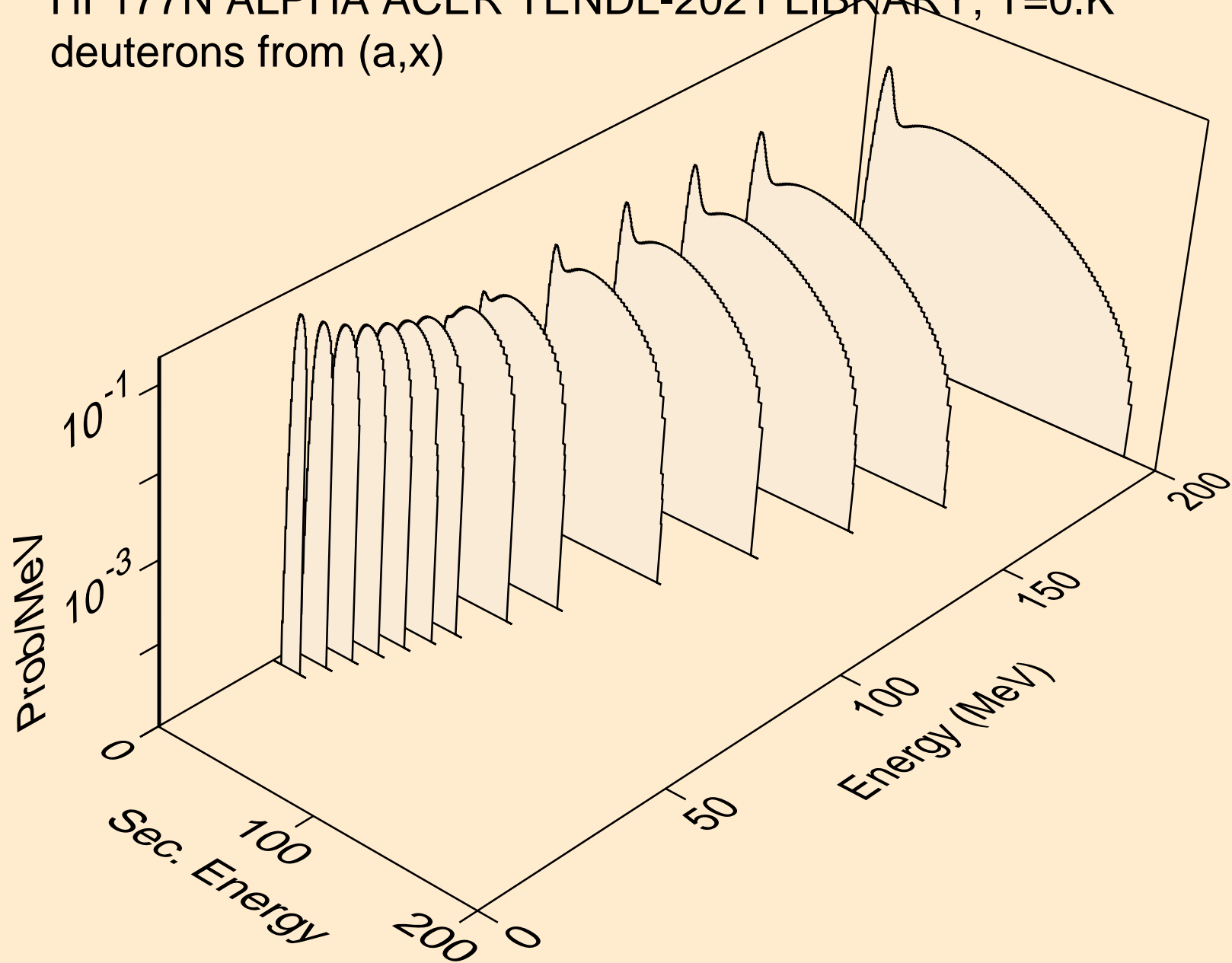


HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

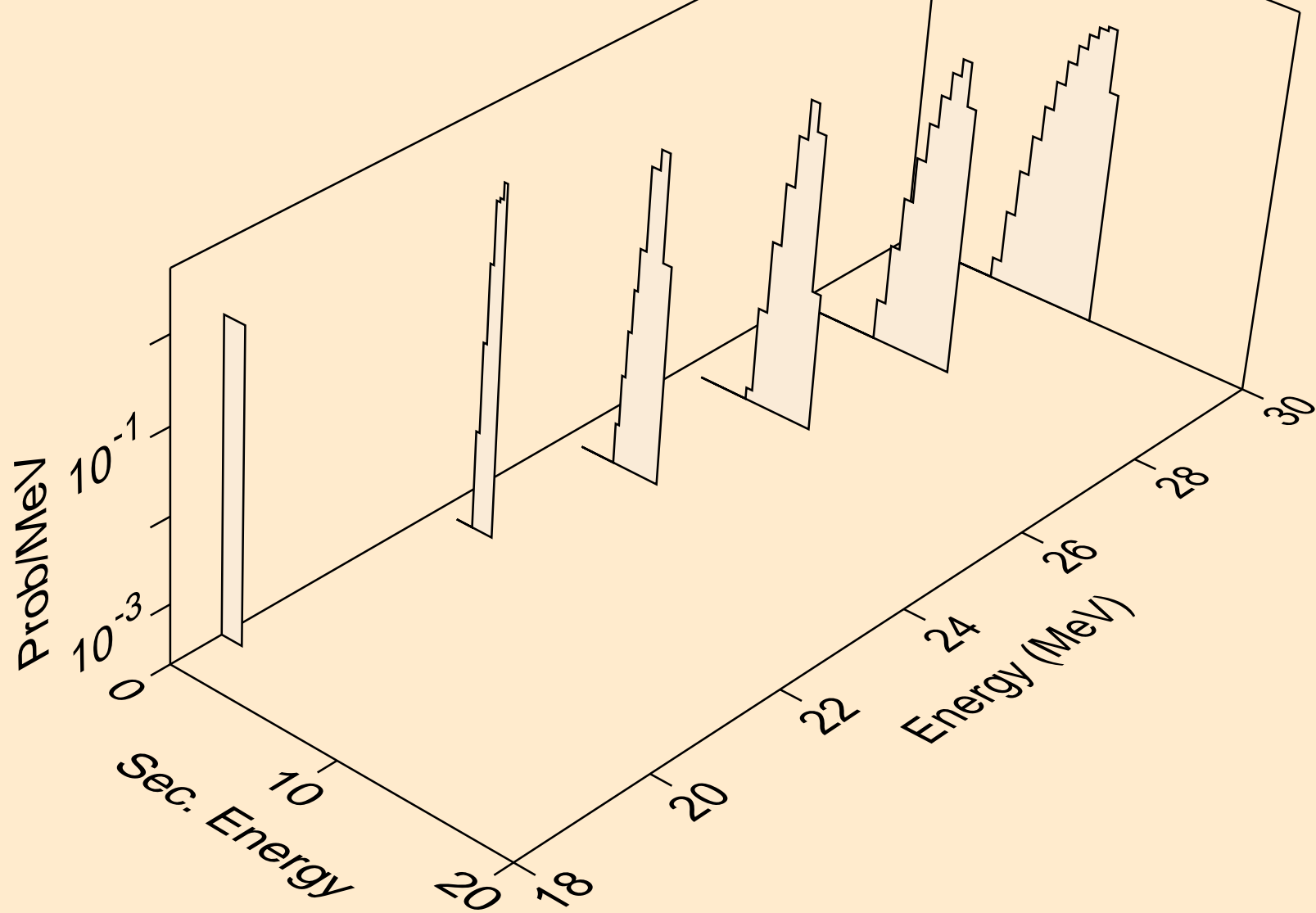




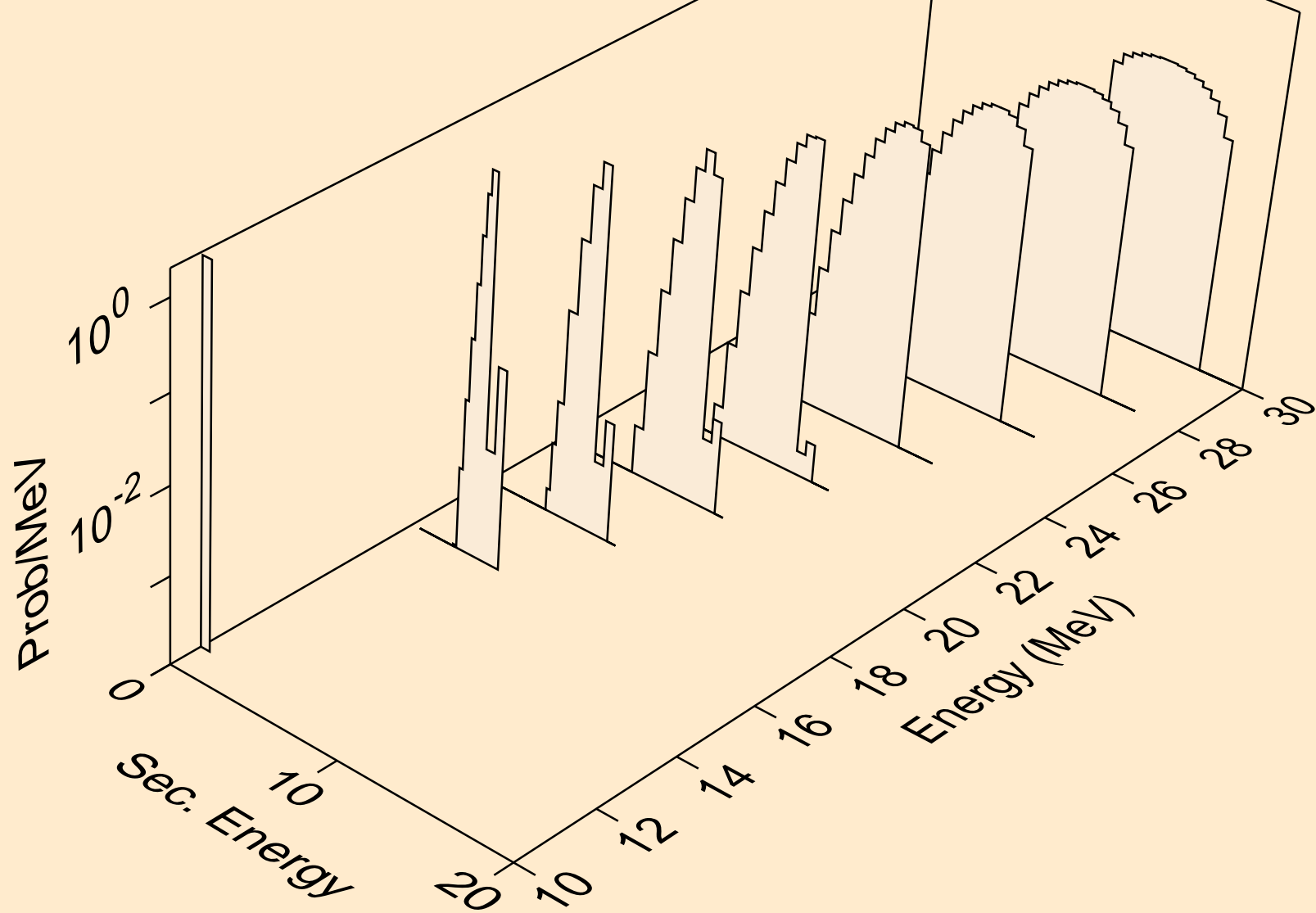
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



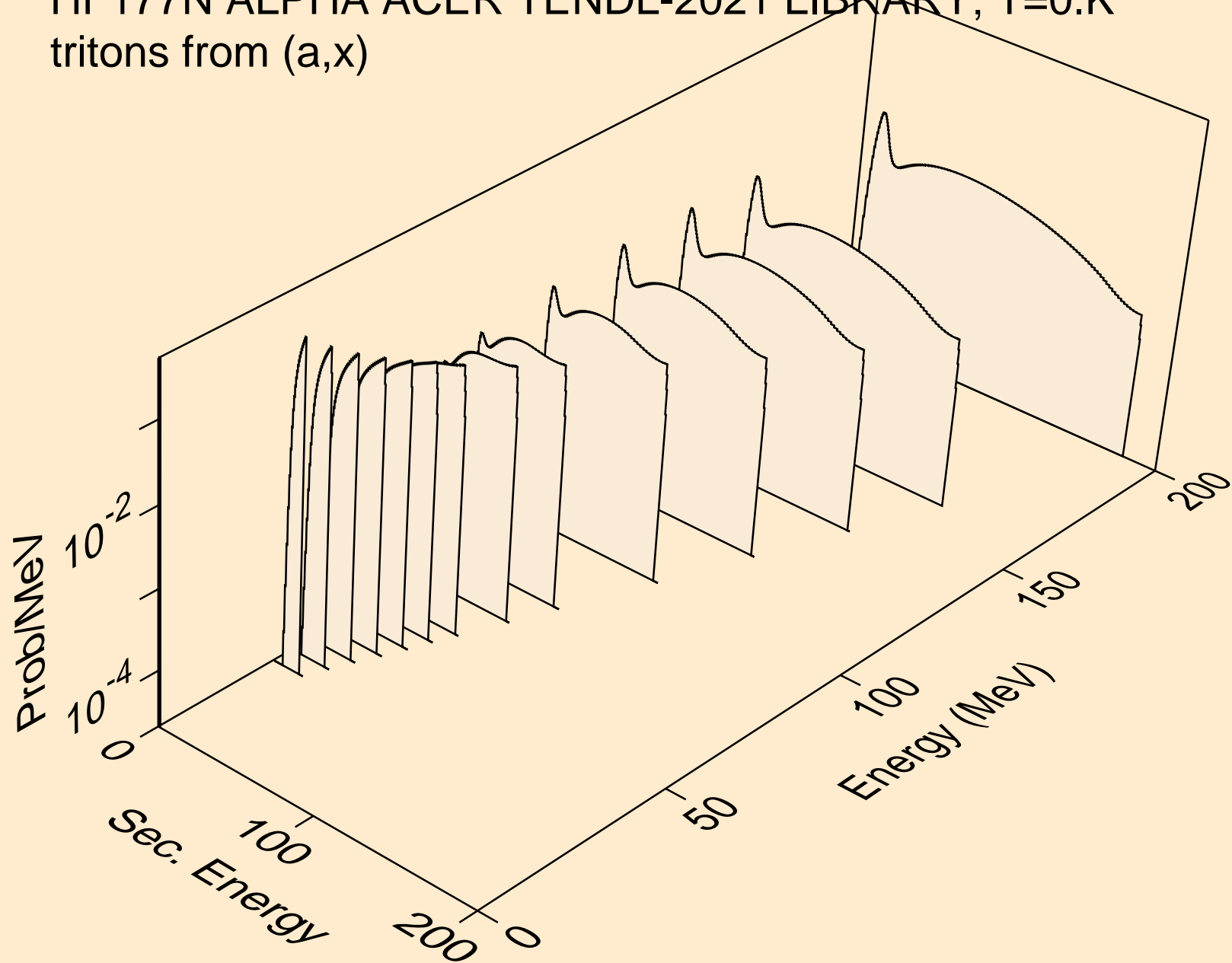
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



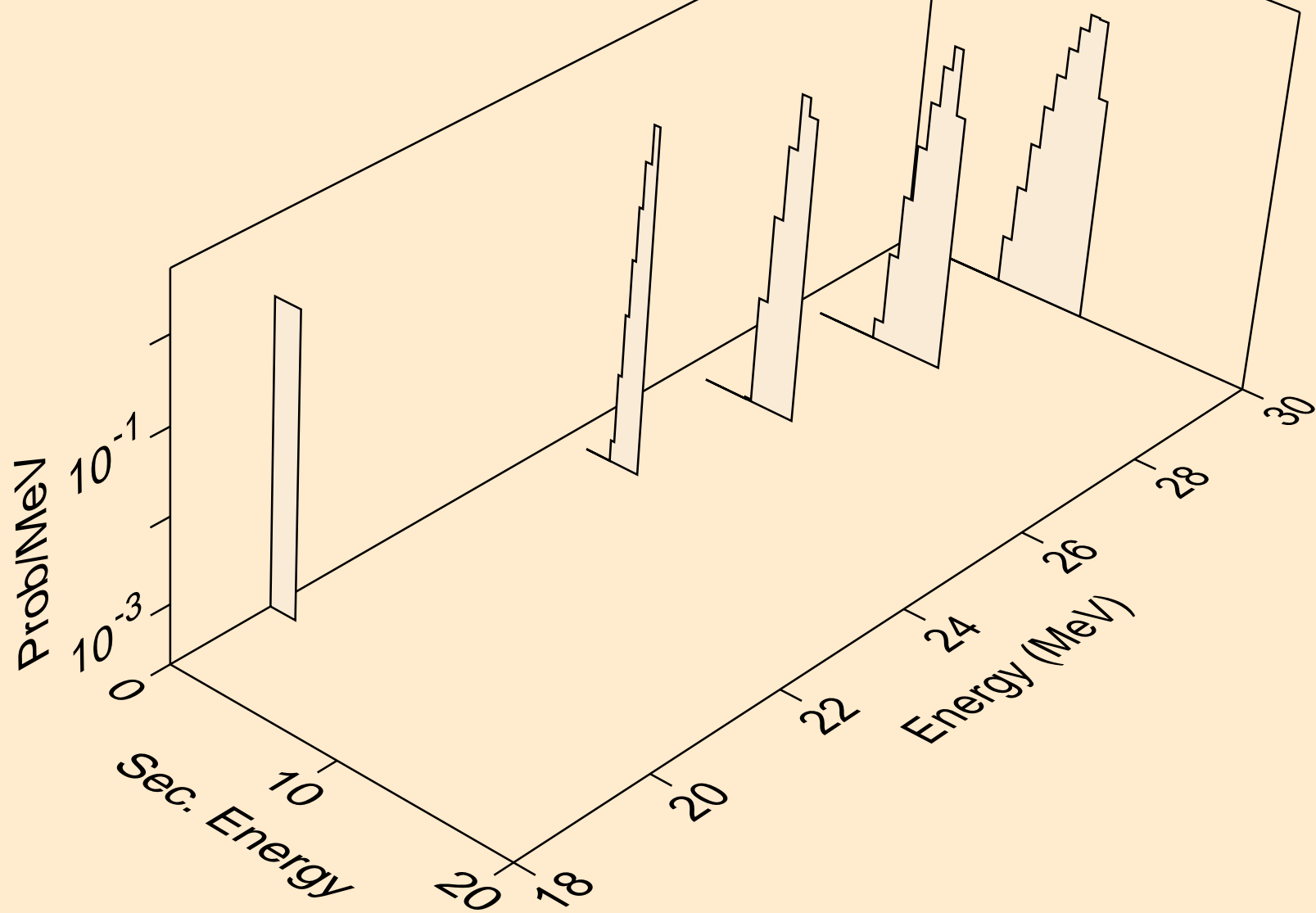
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



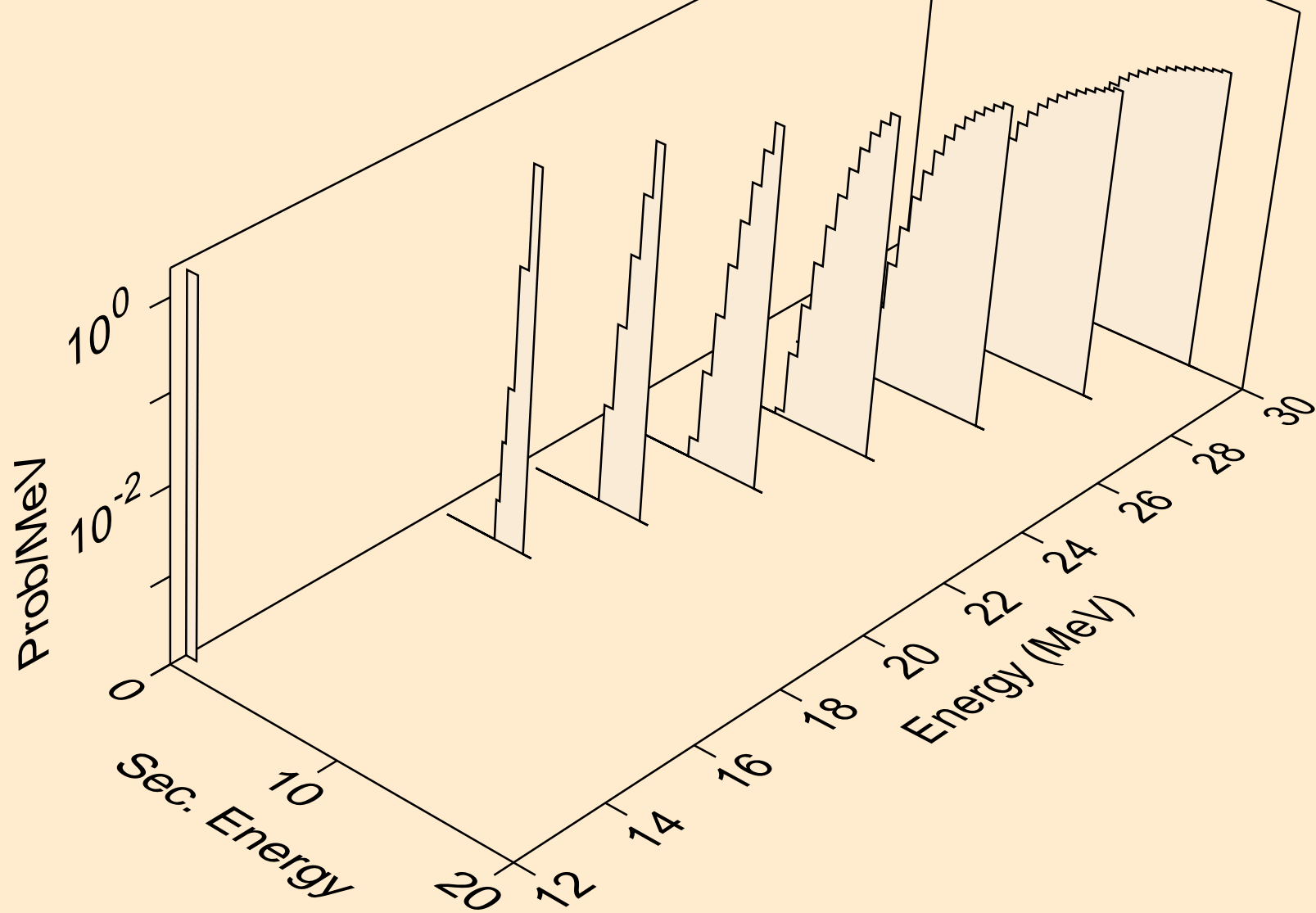
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



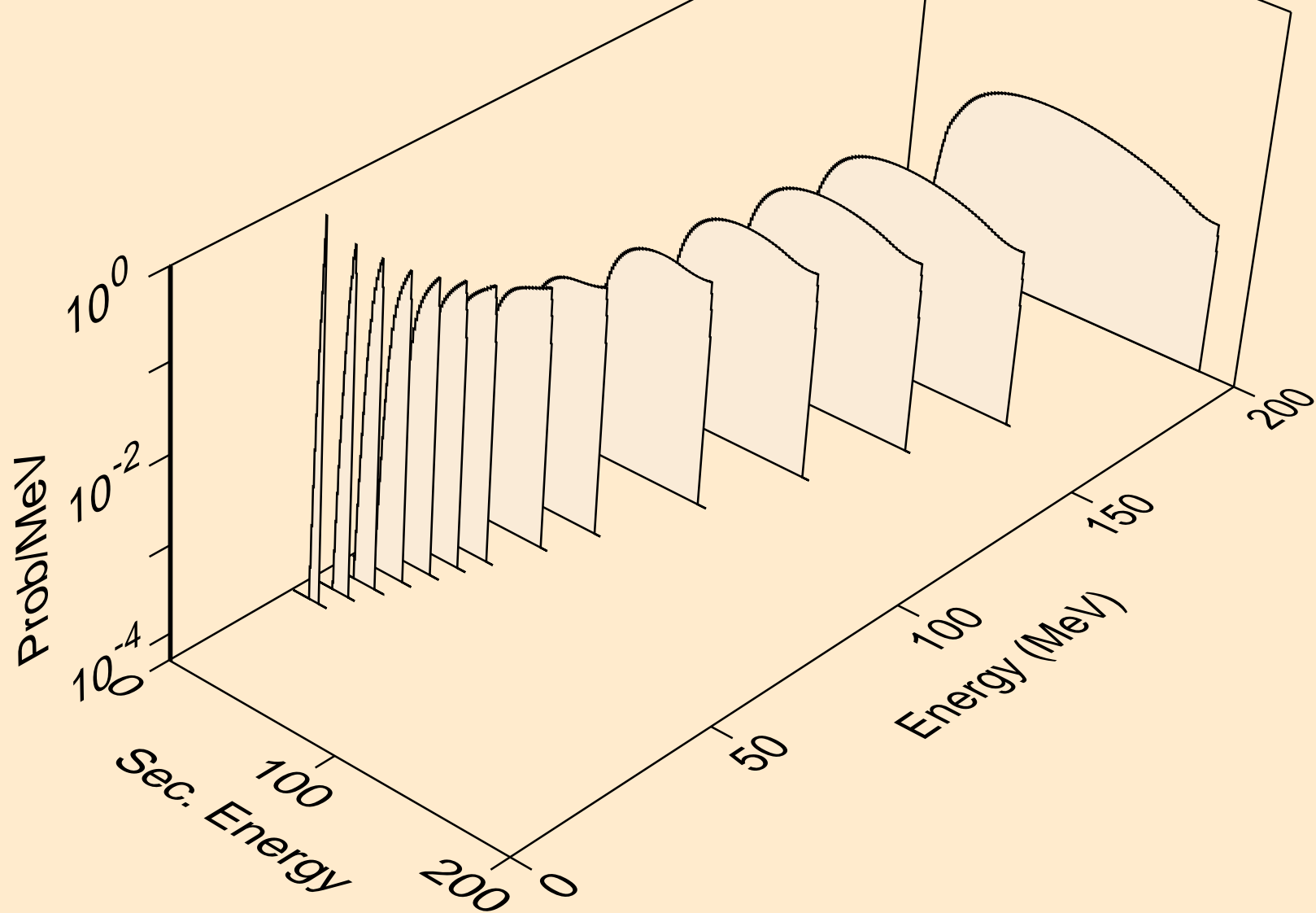
HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



HF177N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

