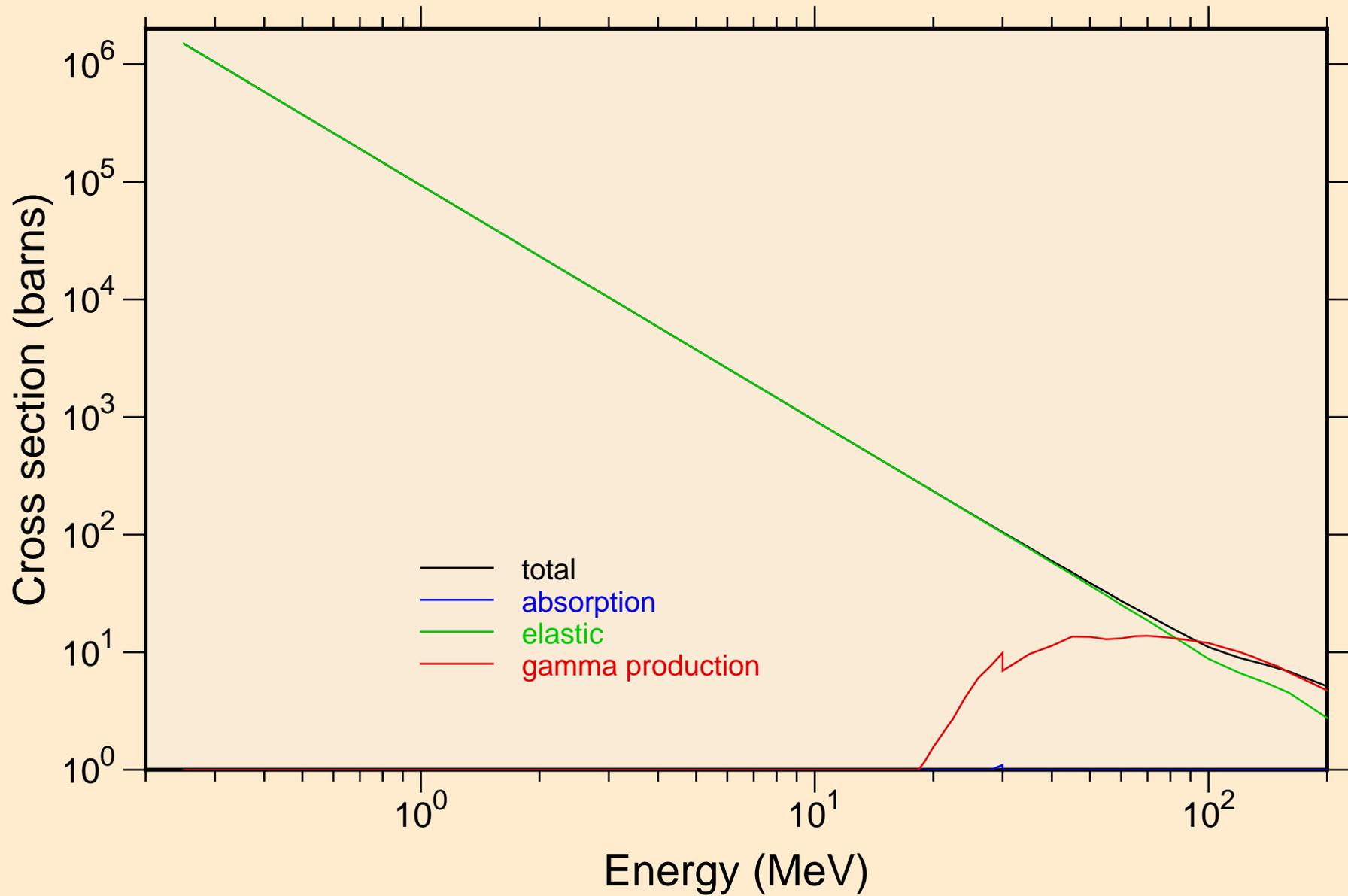
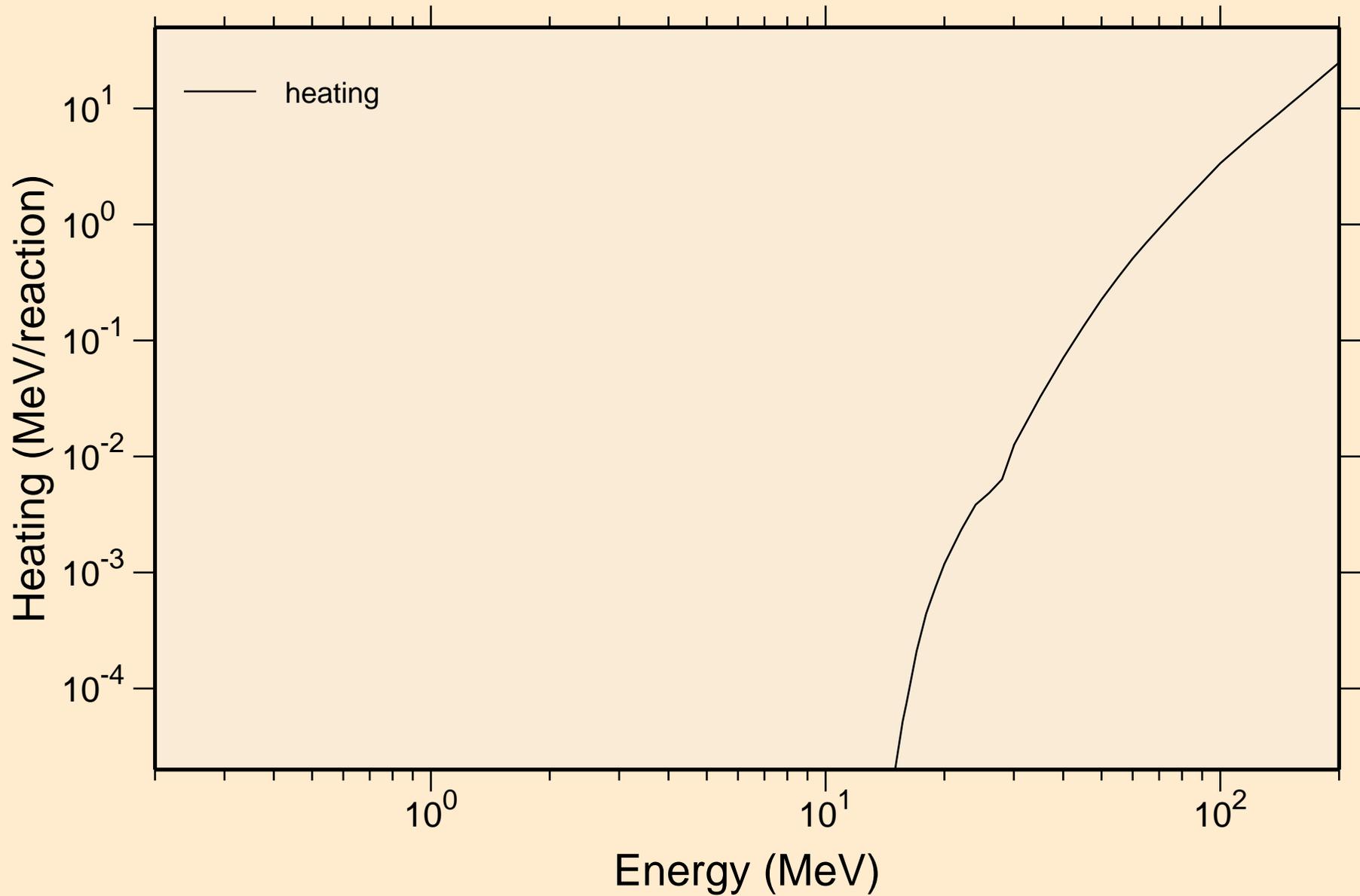


# ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

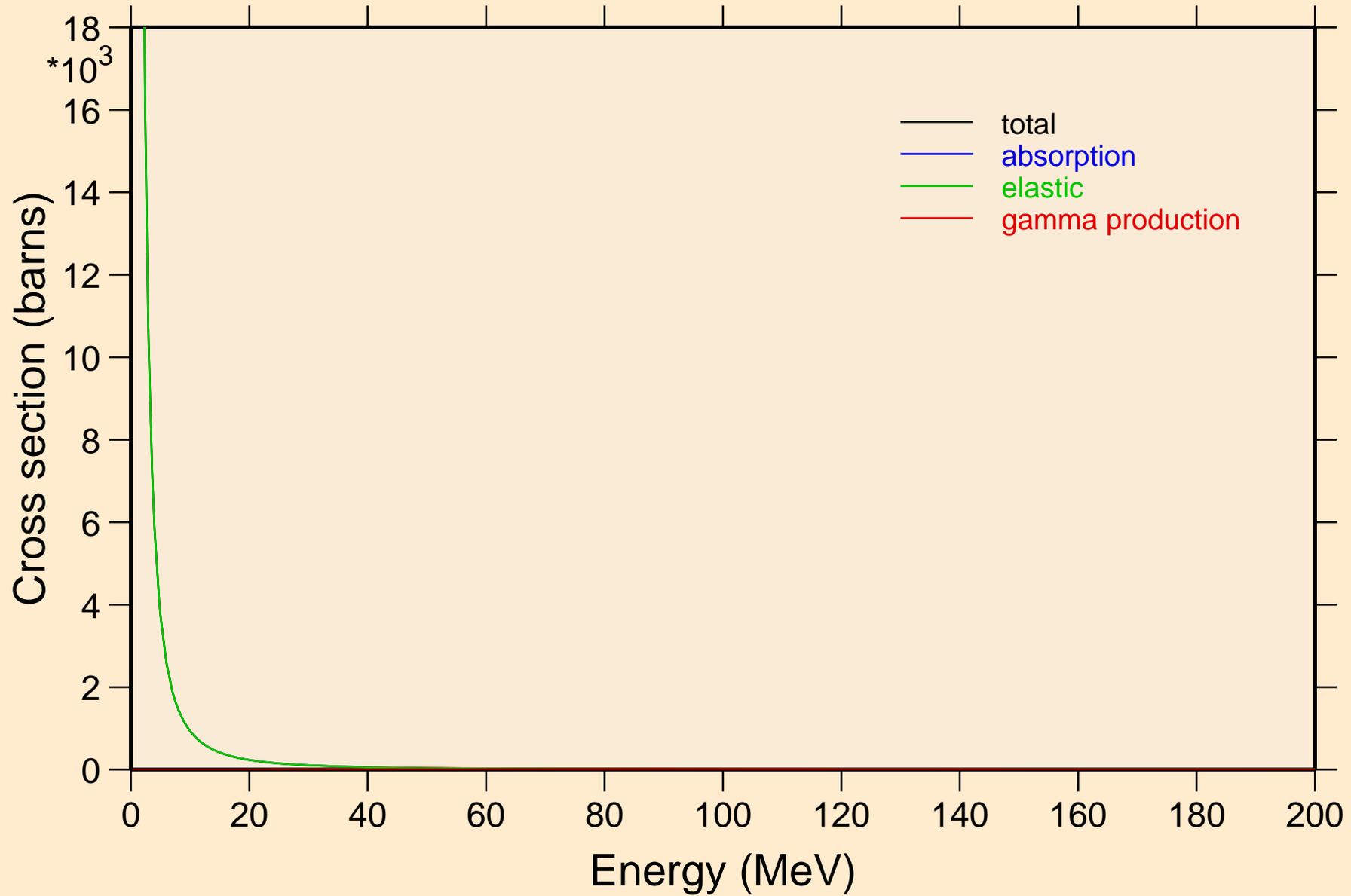


ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Heating



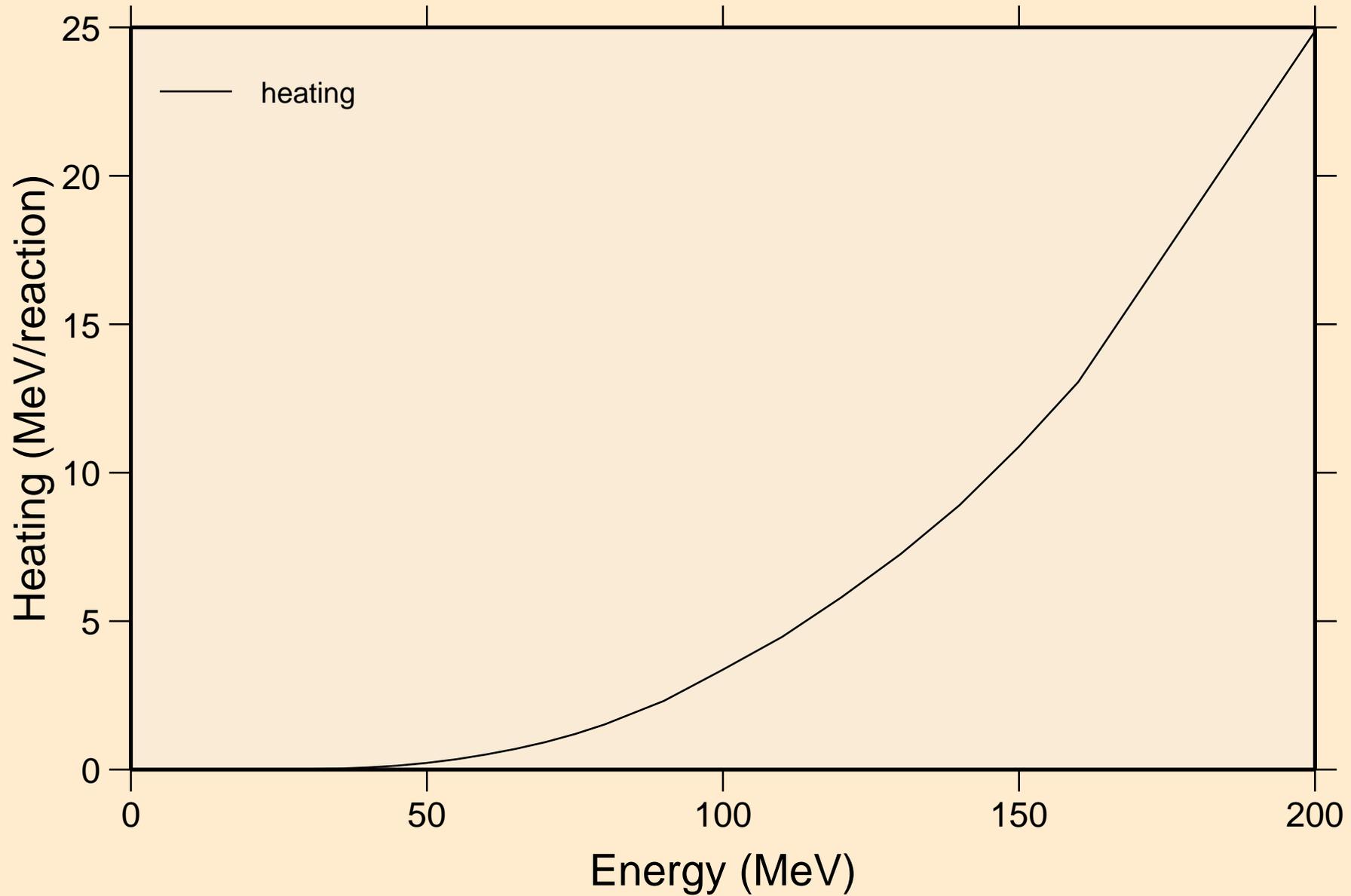
# ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



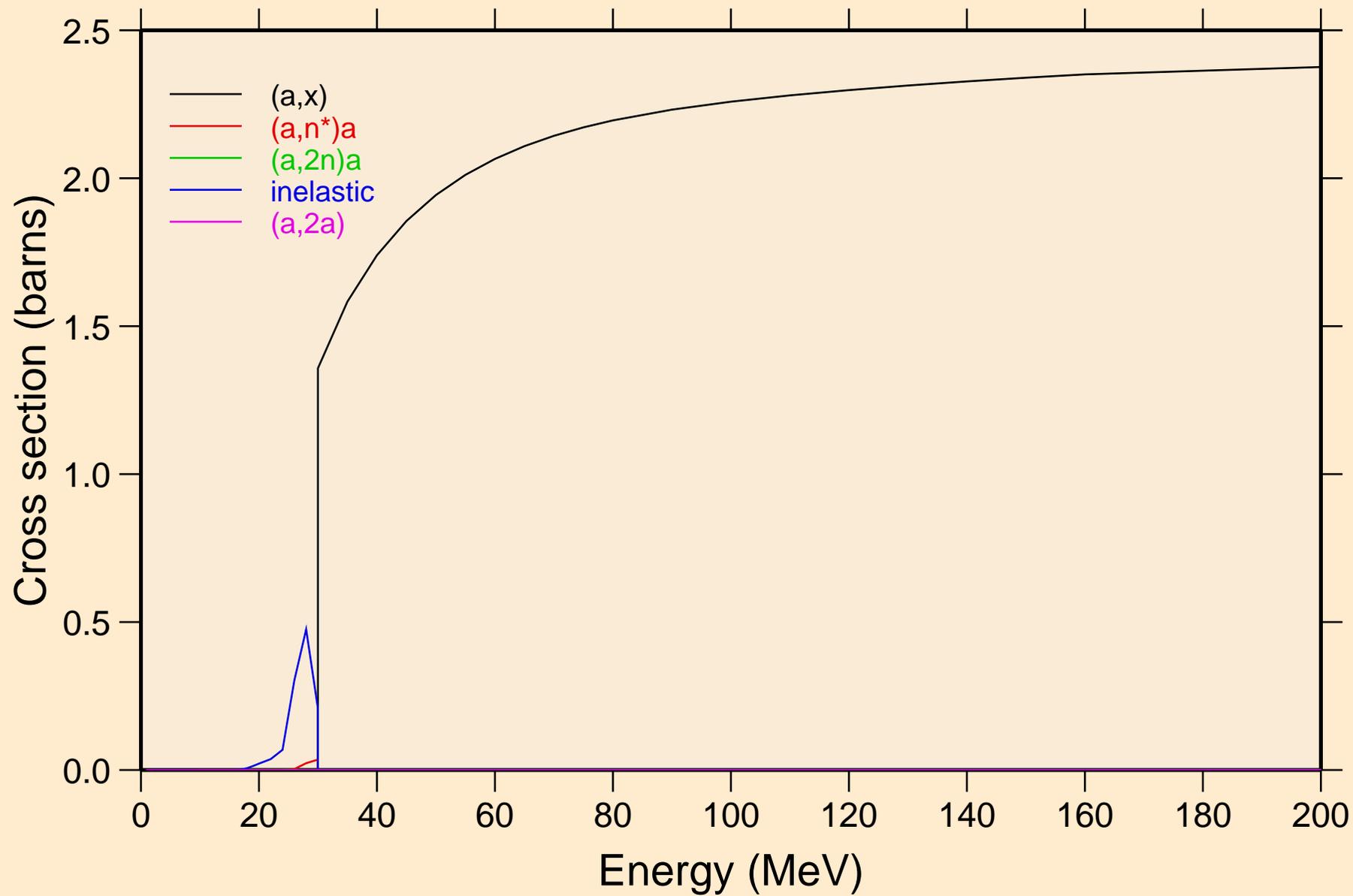
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

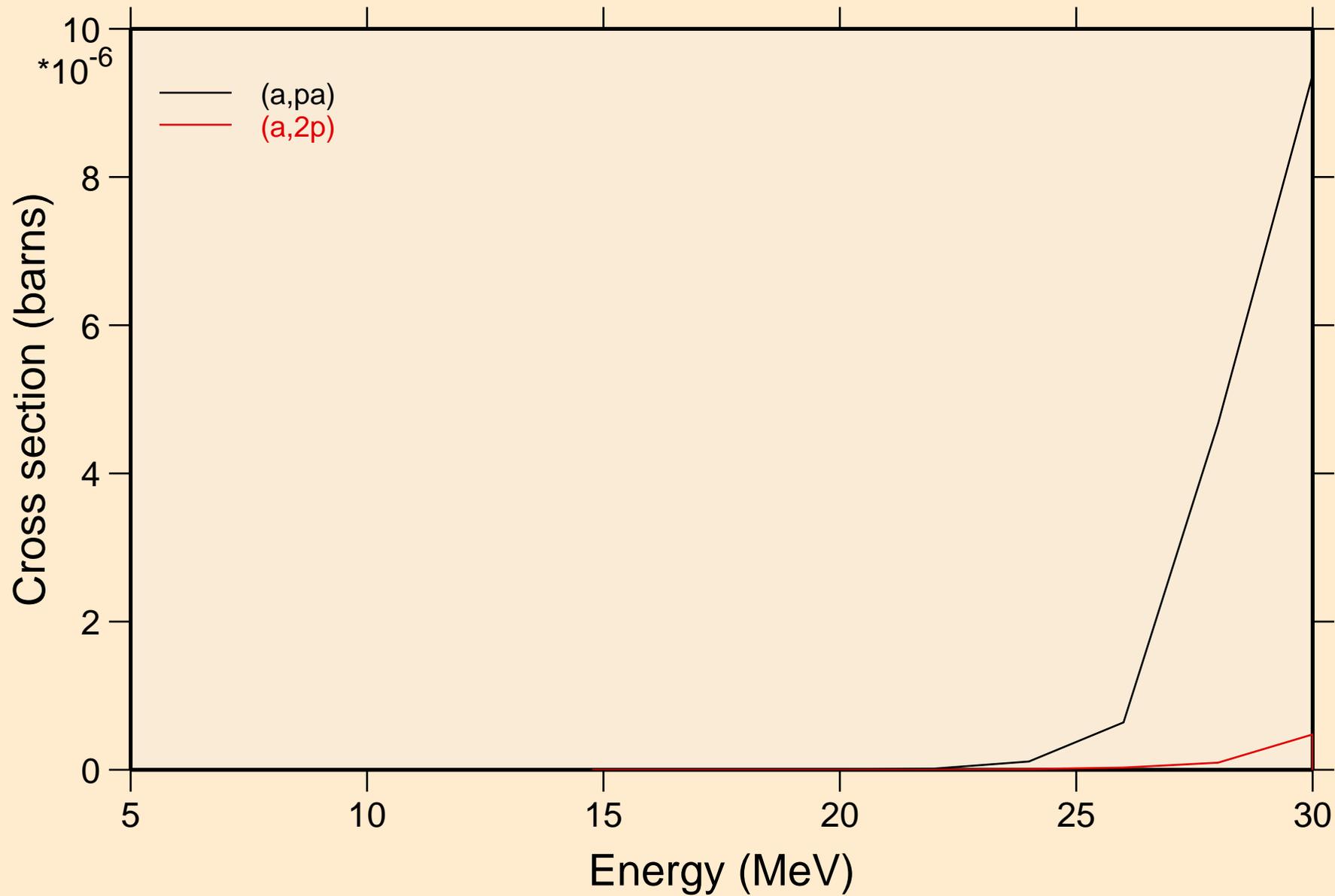


# ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

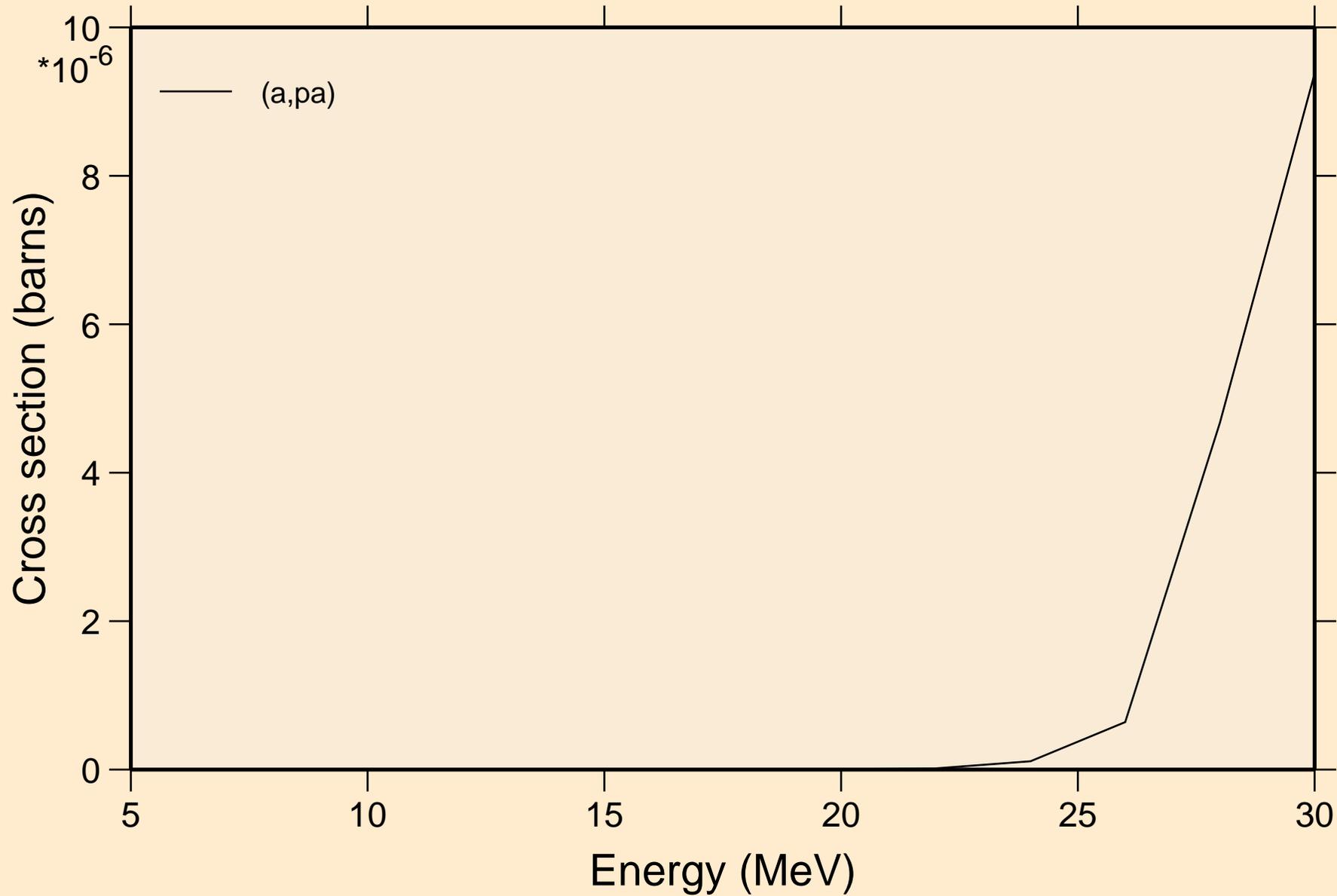
## Threshold reactions



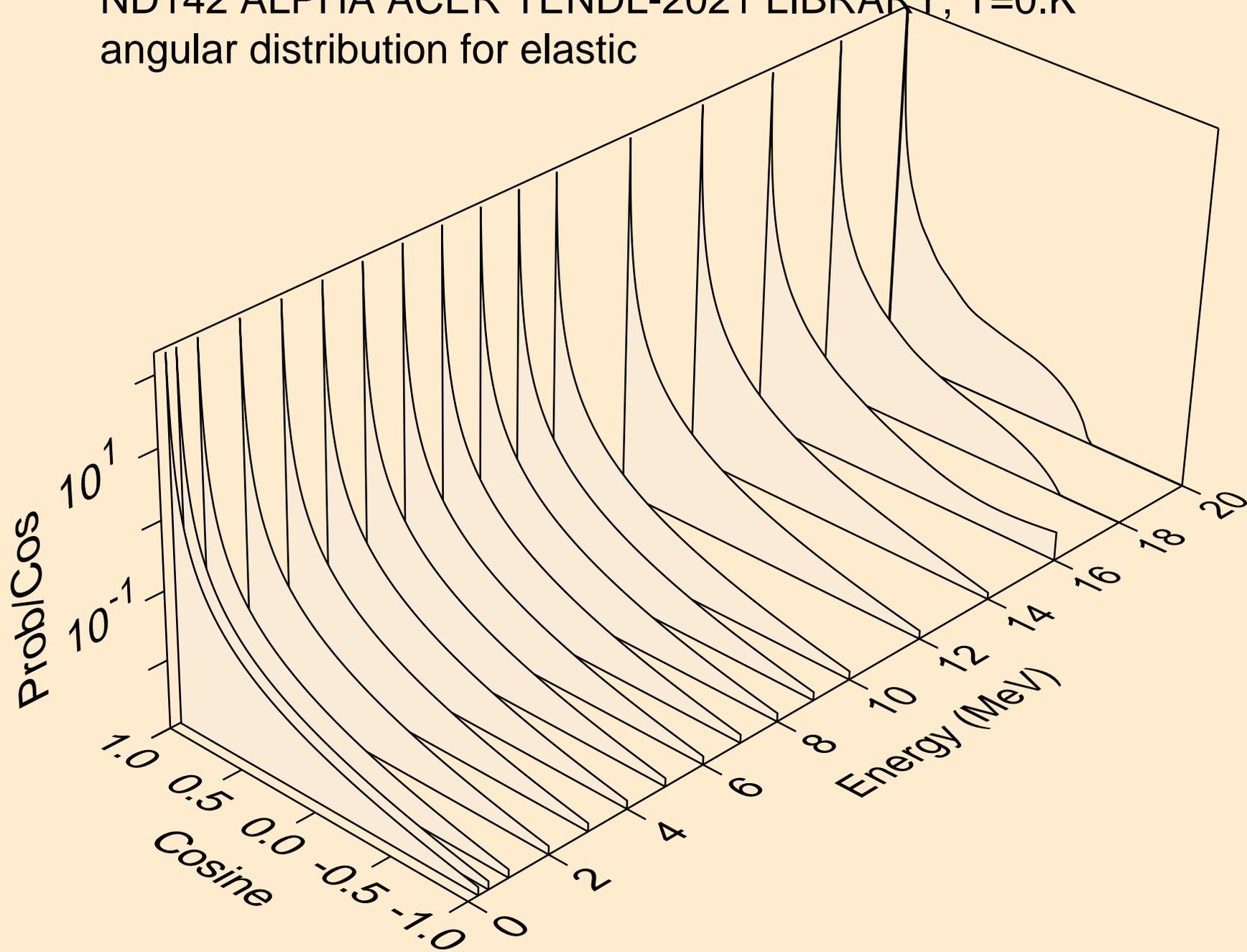
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



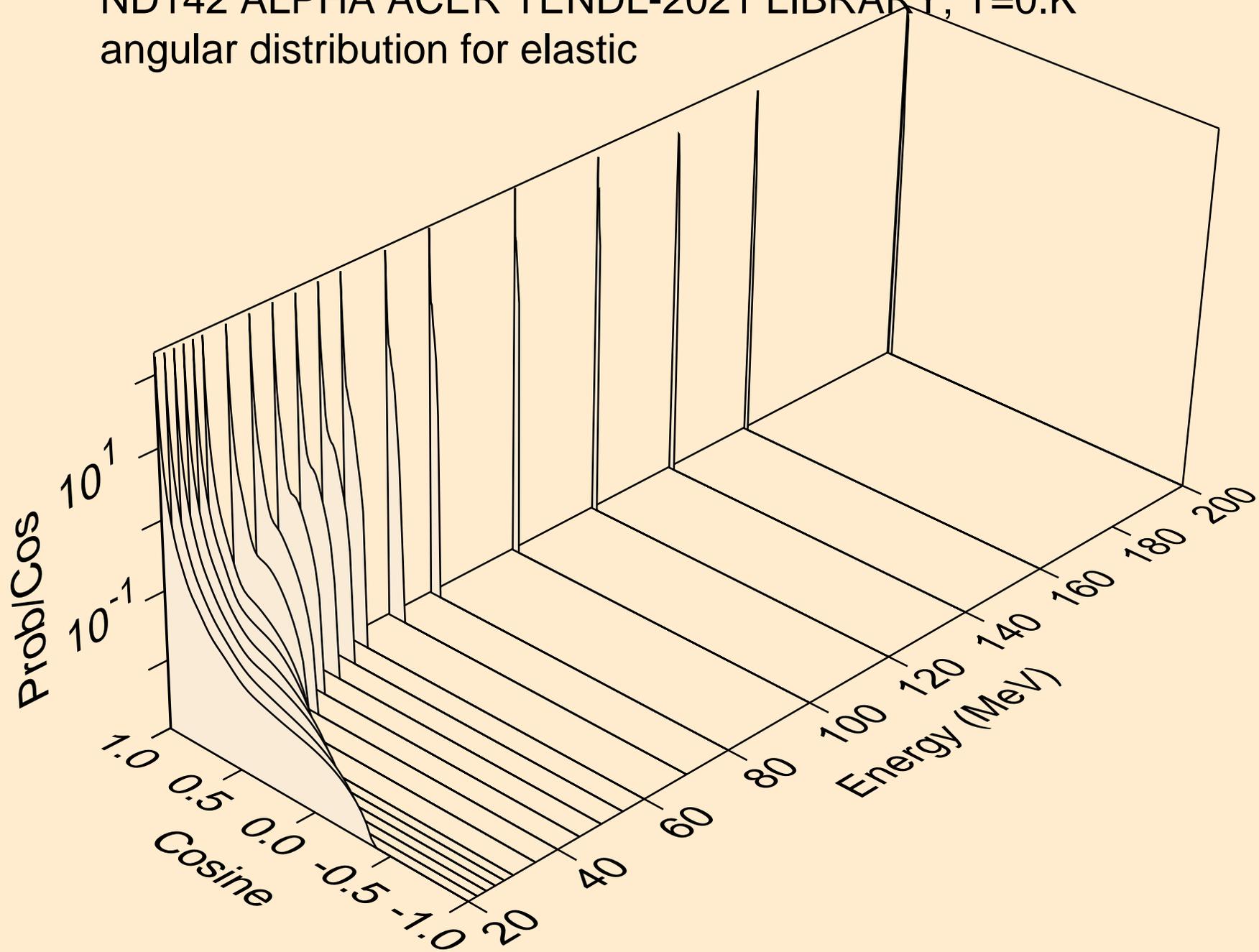
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



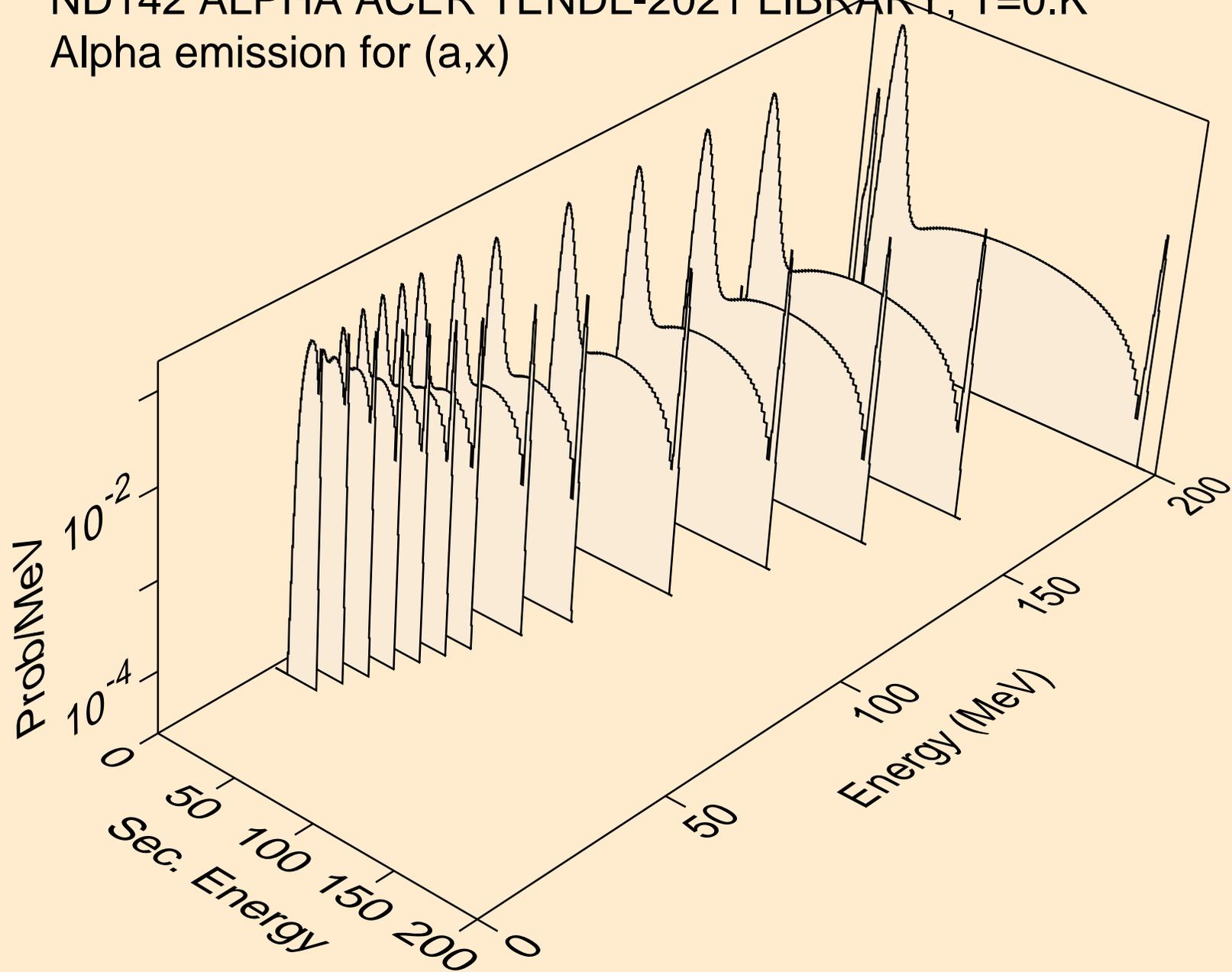
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



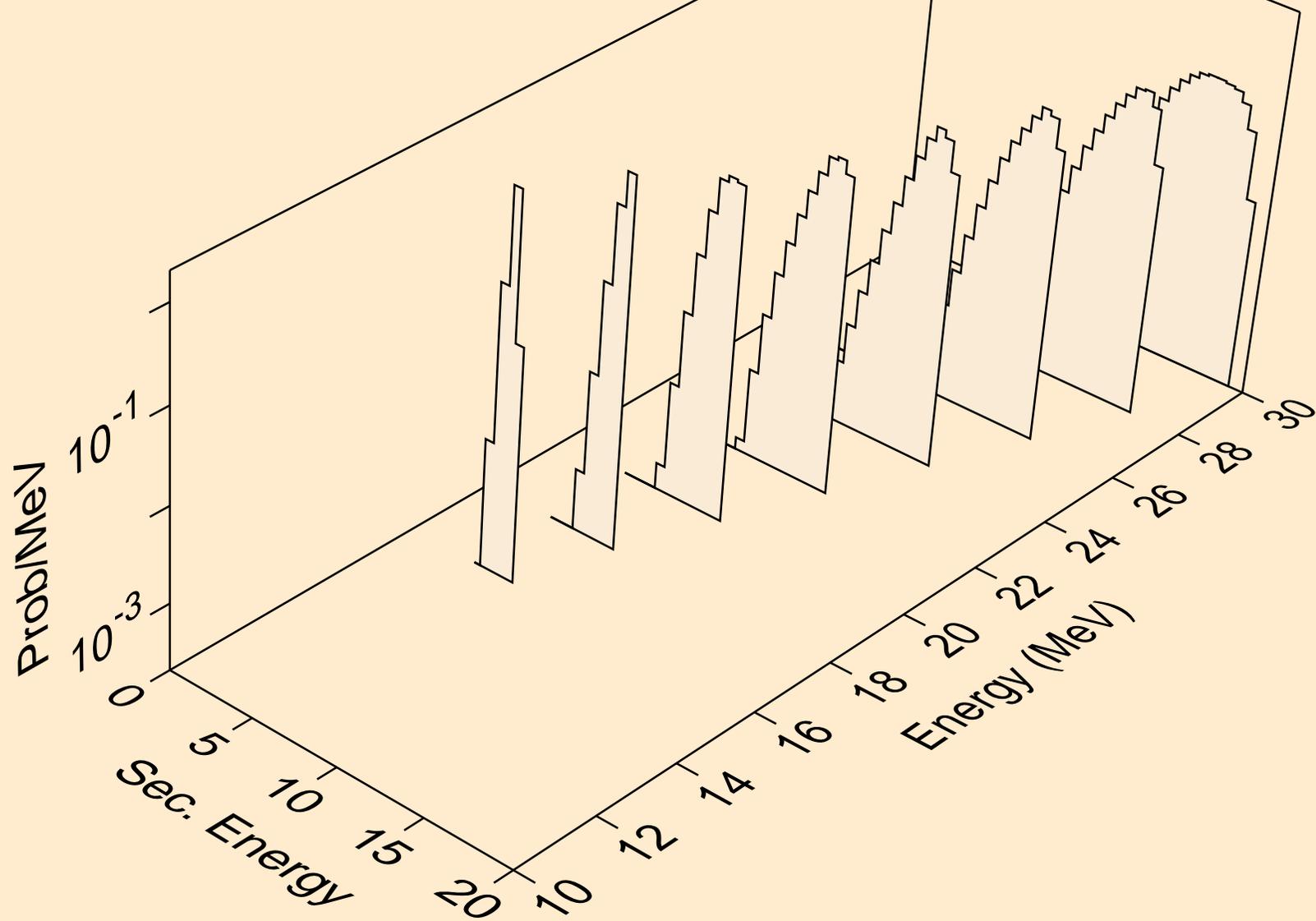
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



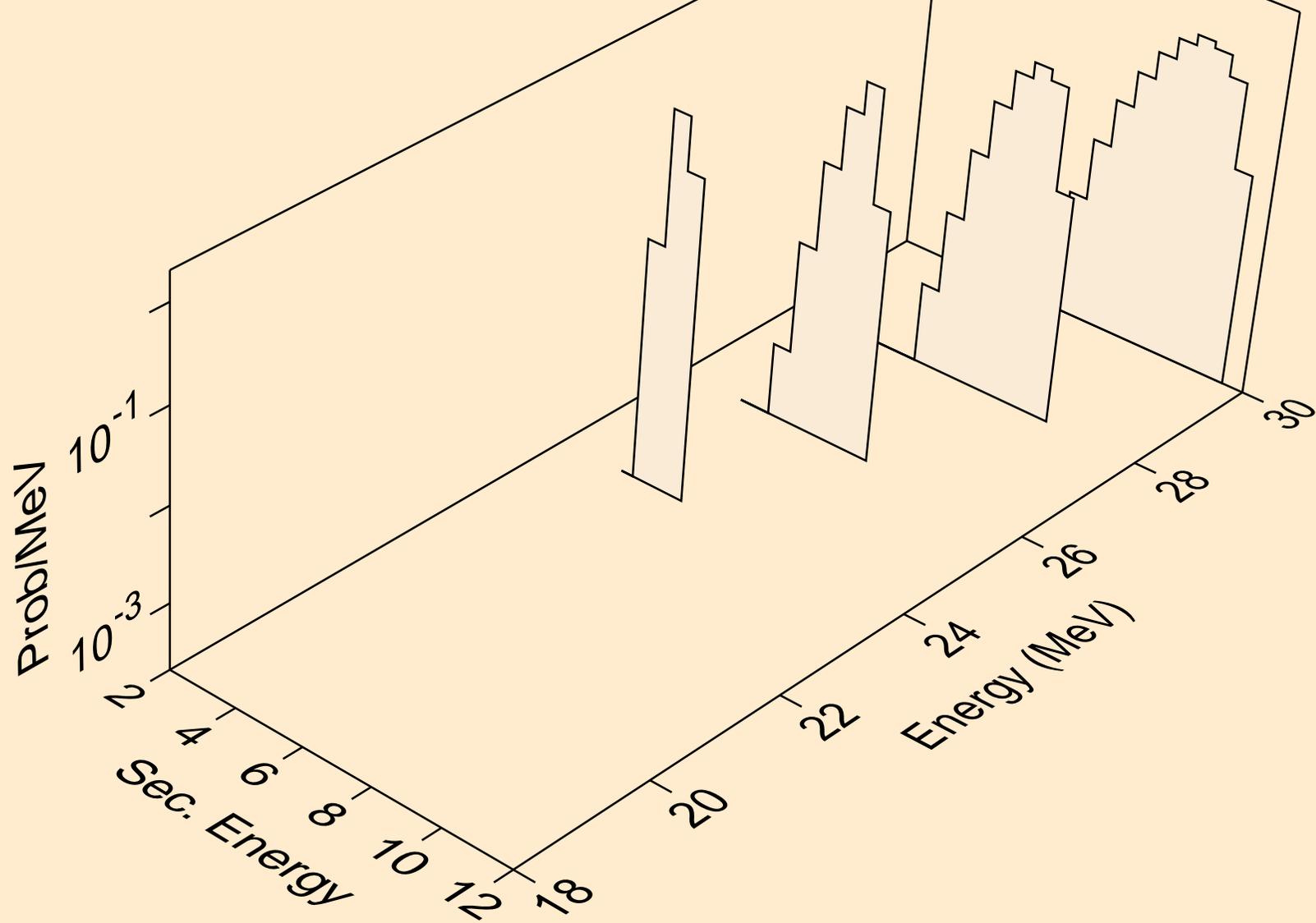
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



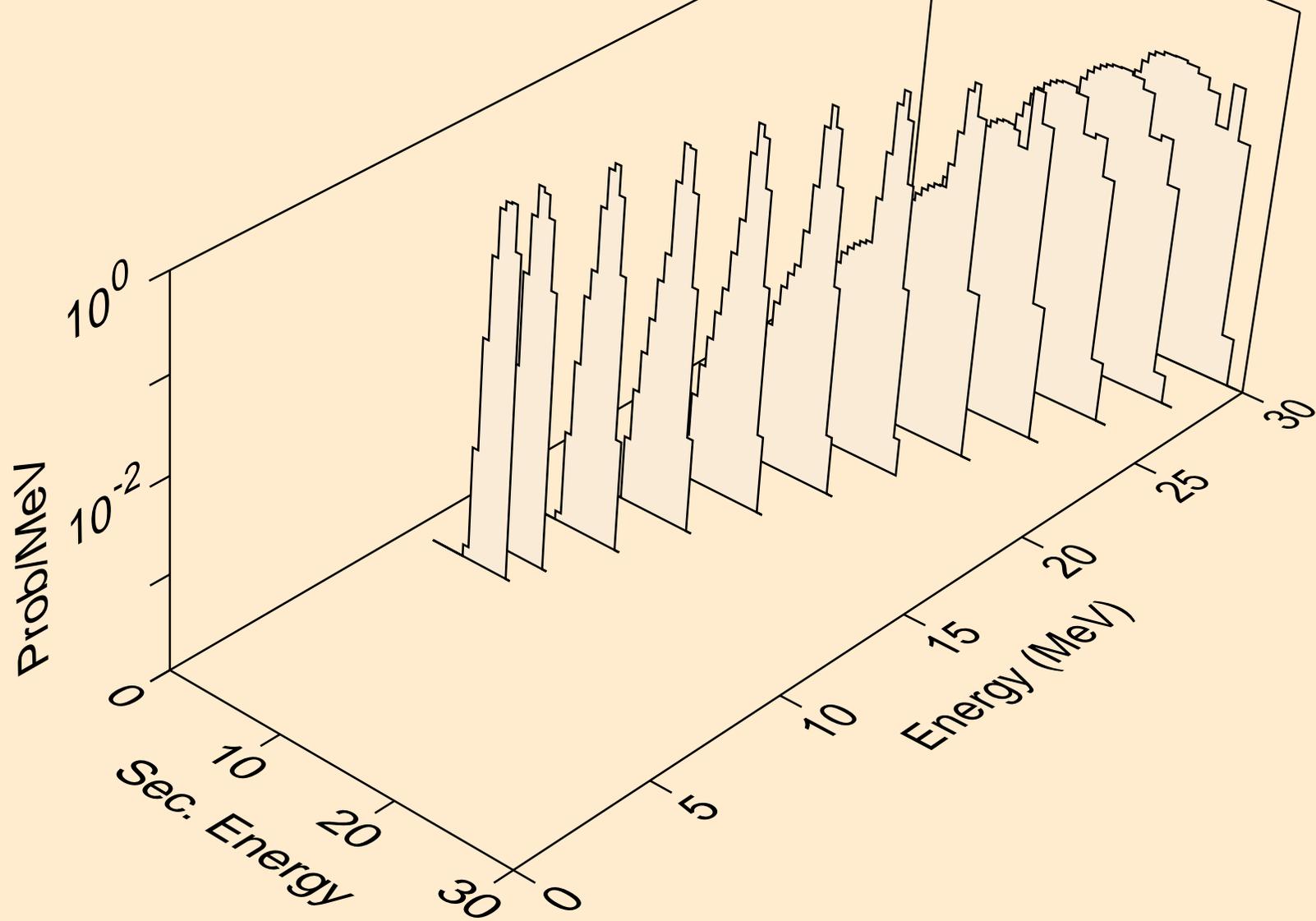
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



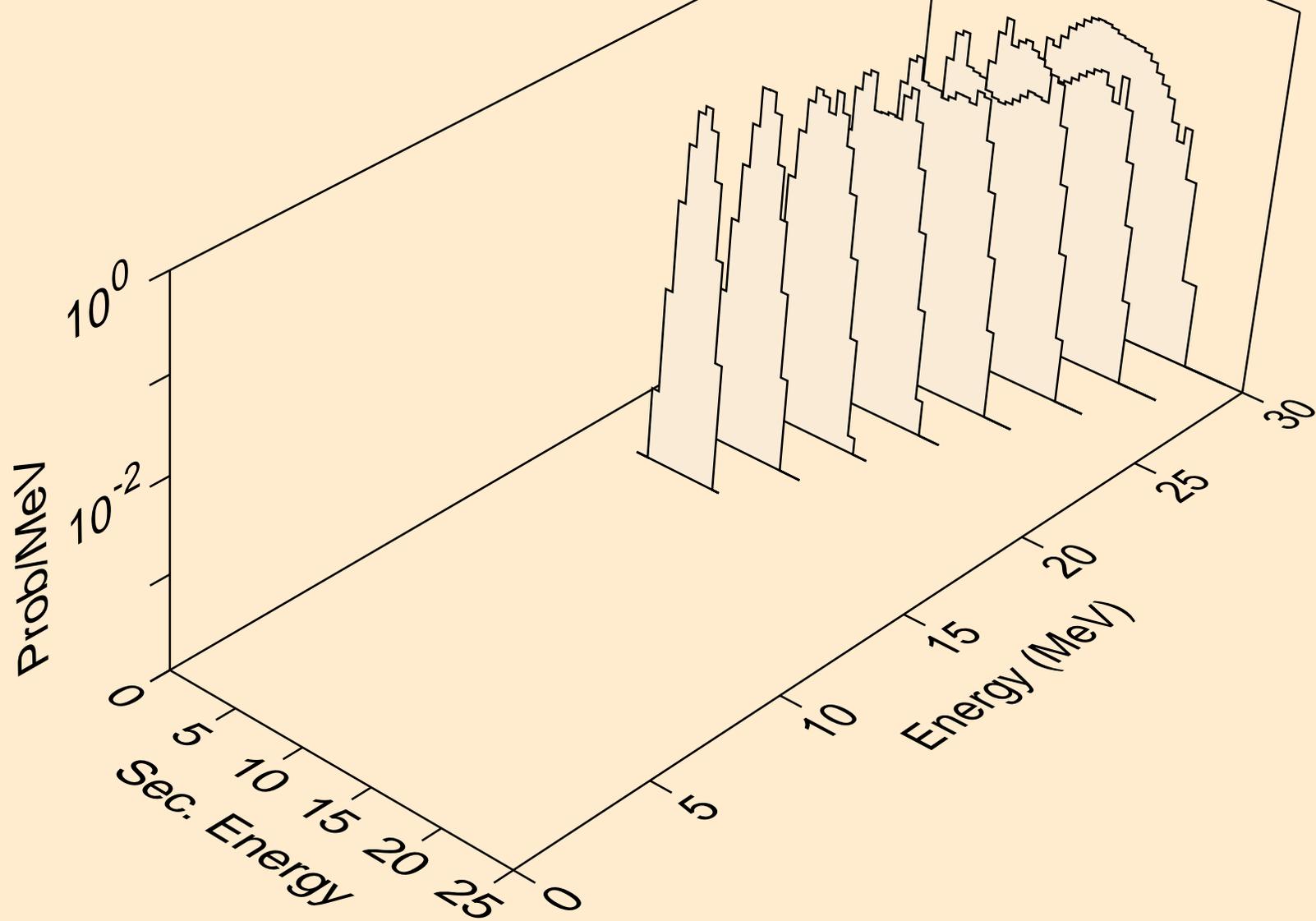
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



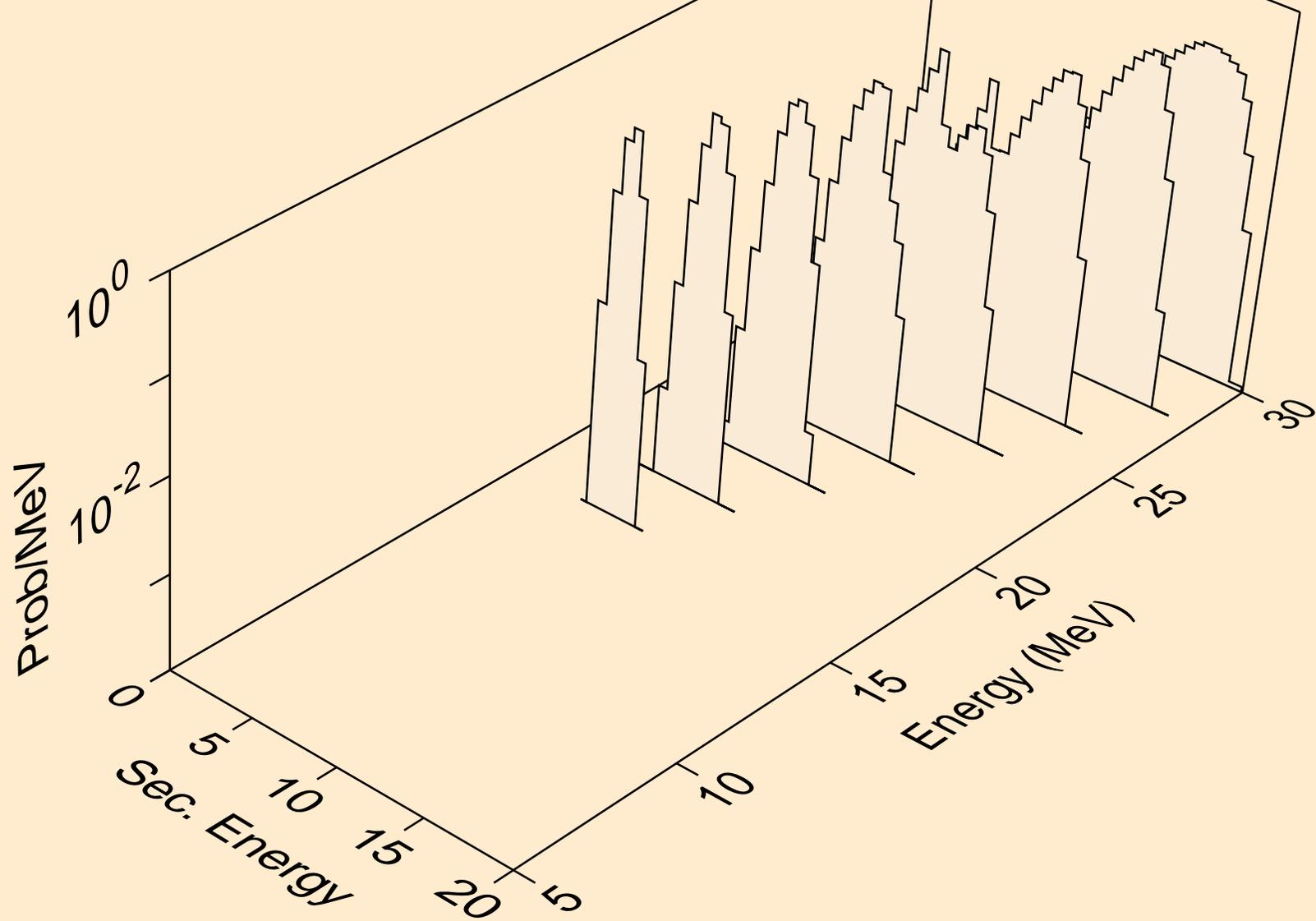
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



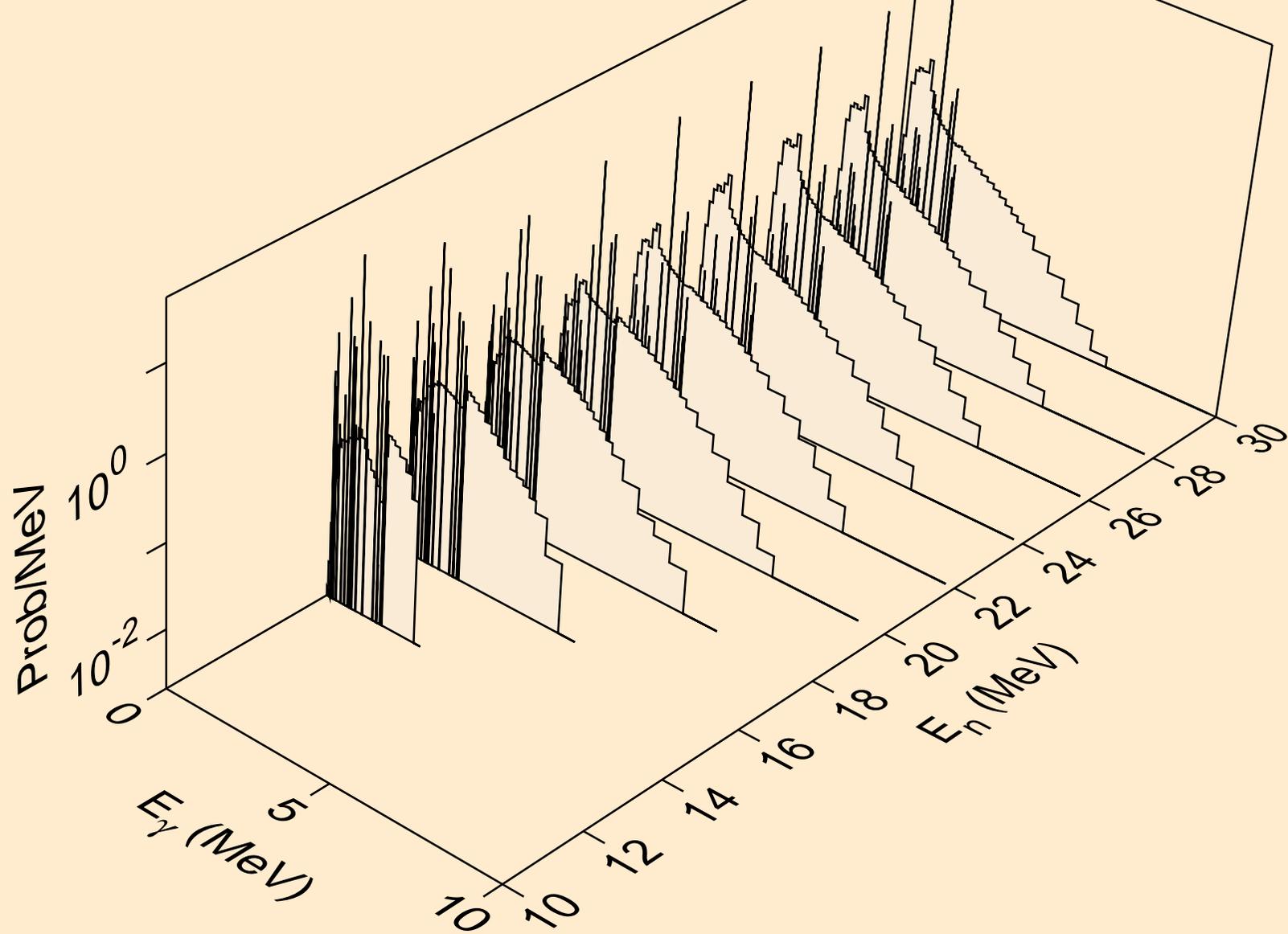
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



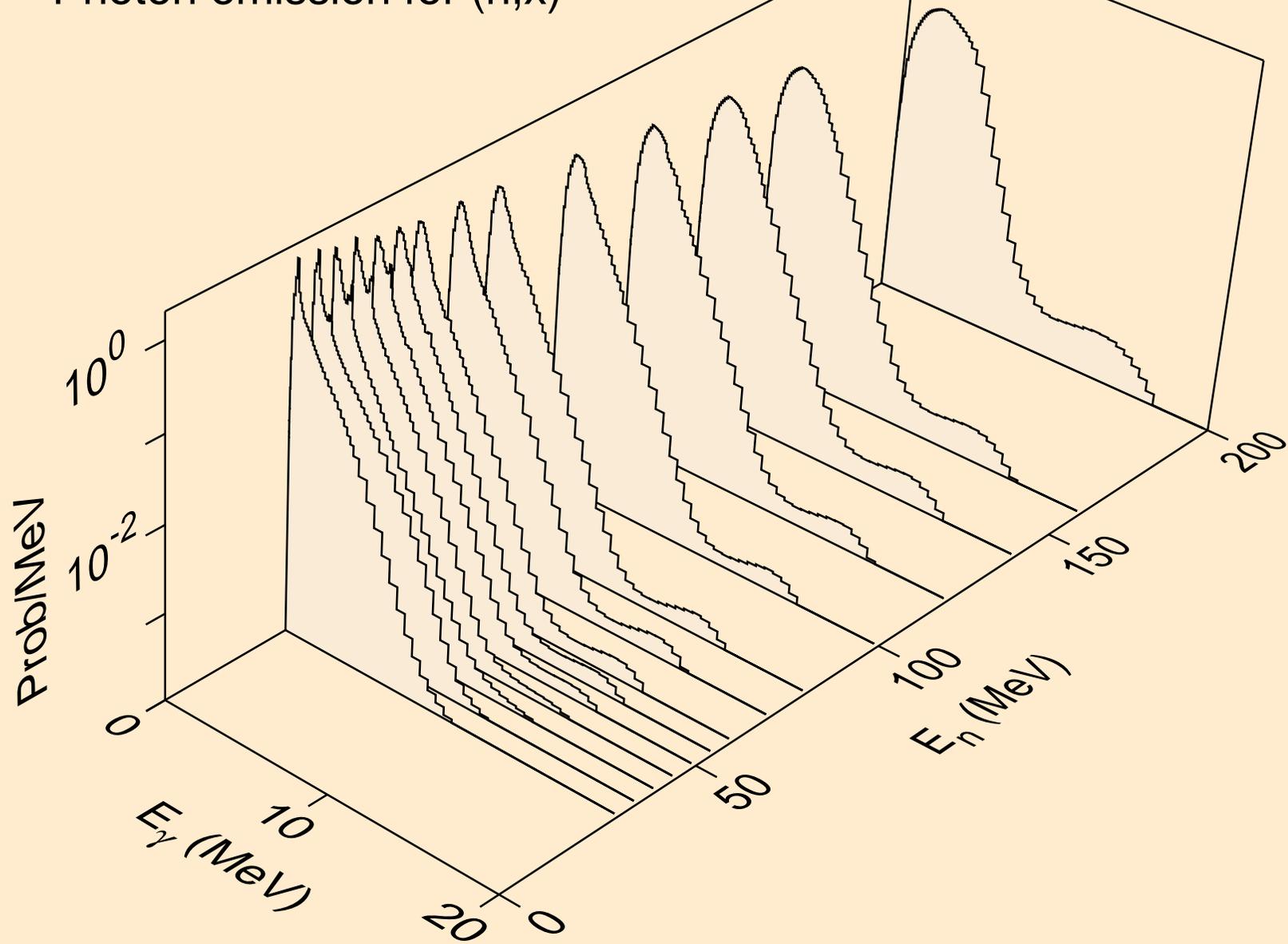
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



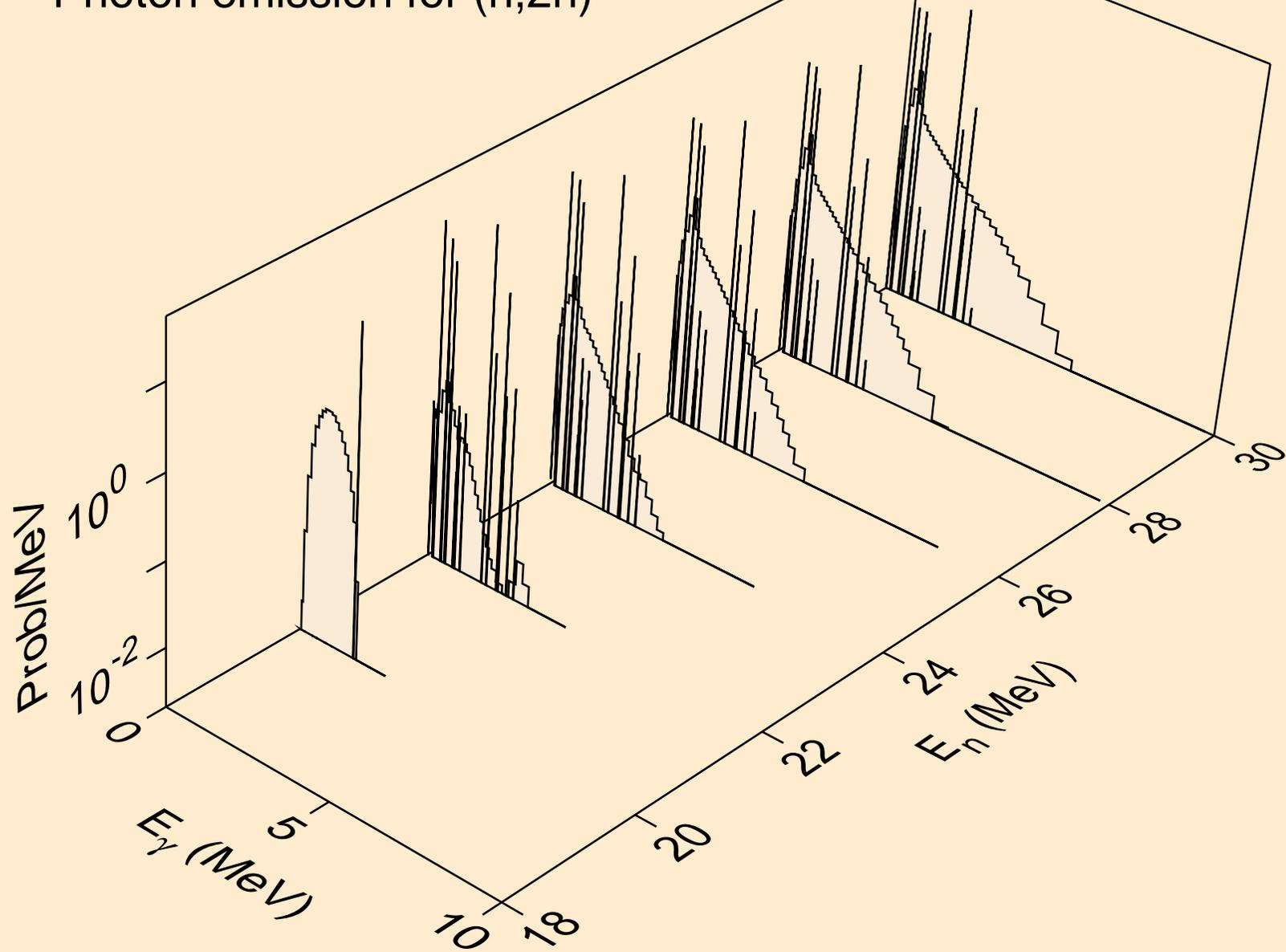
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



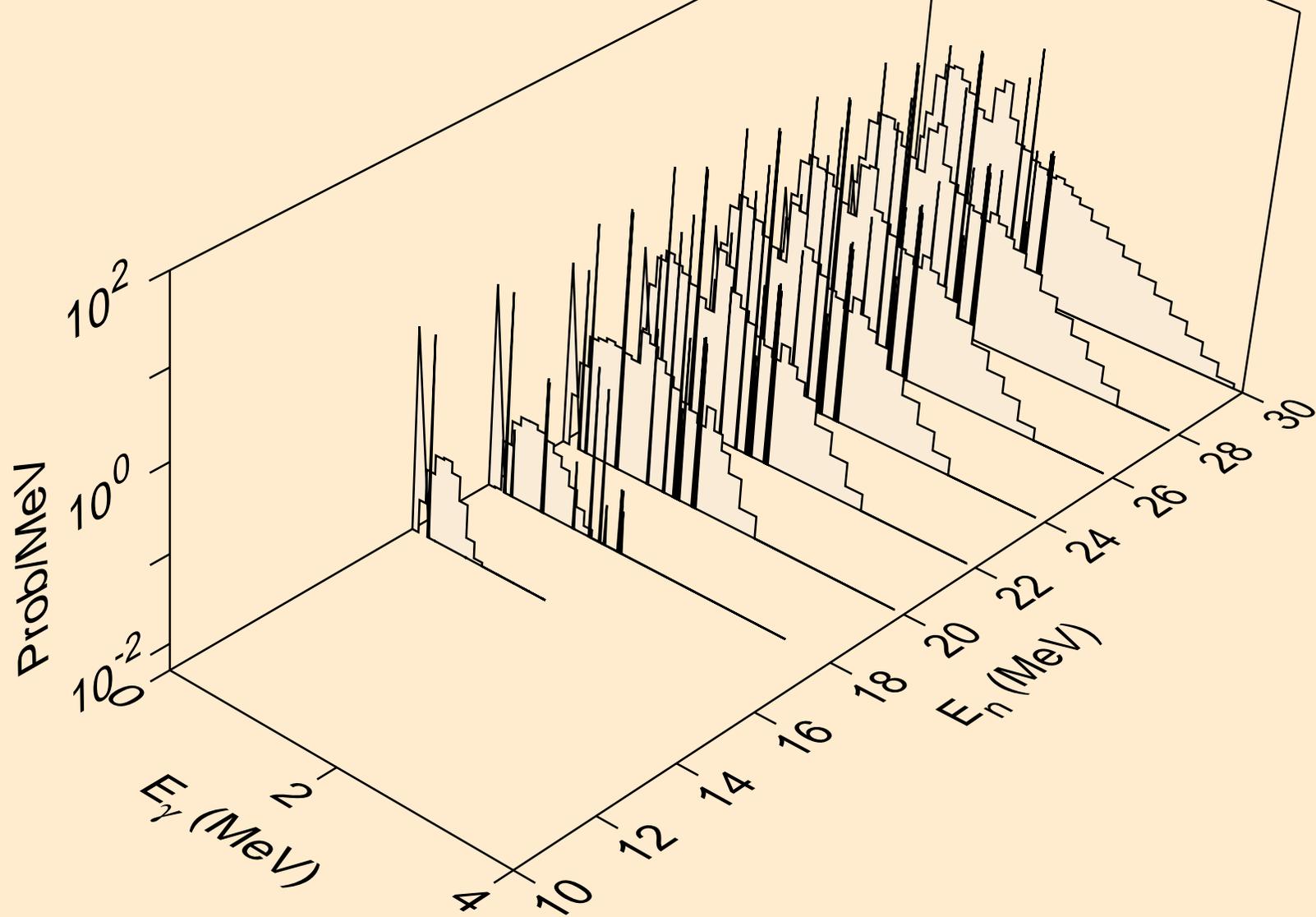
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



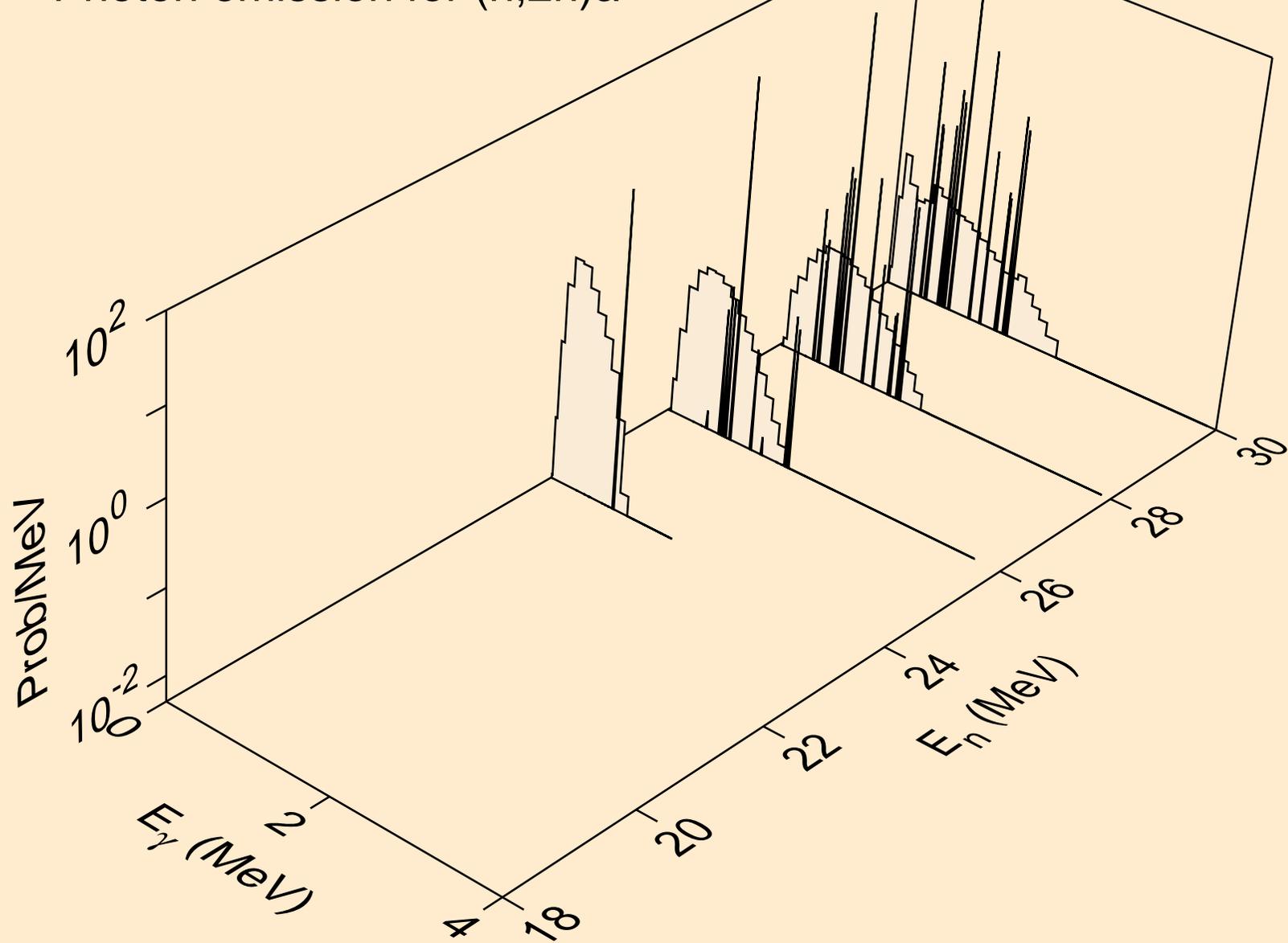
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



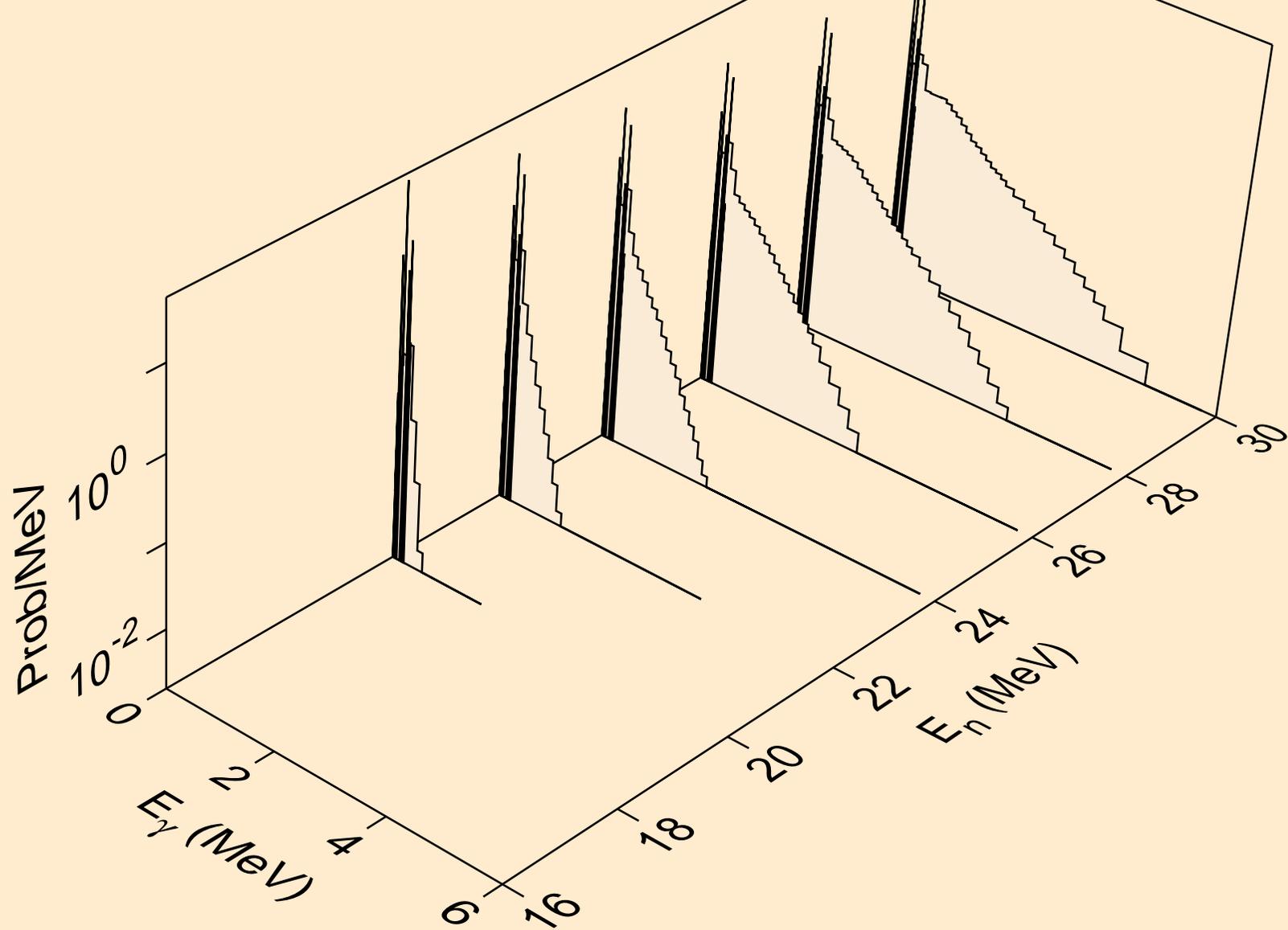
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



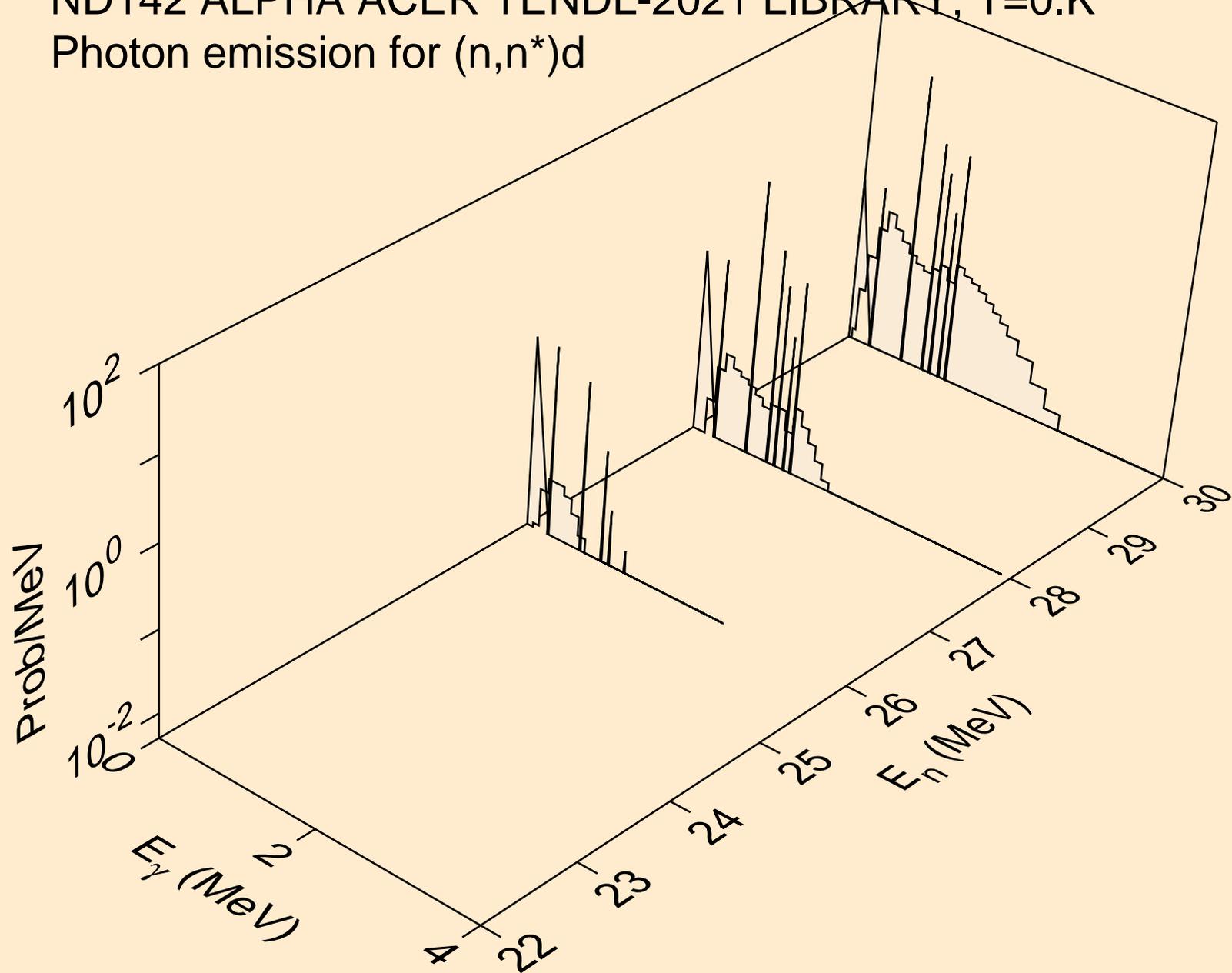
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



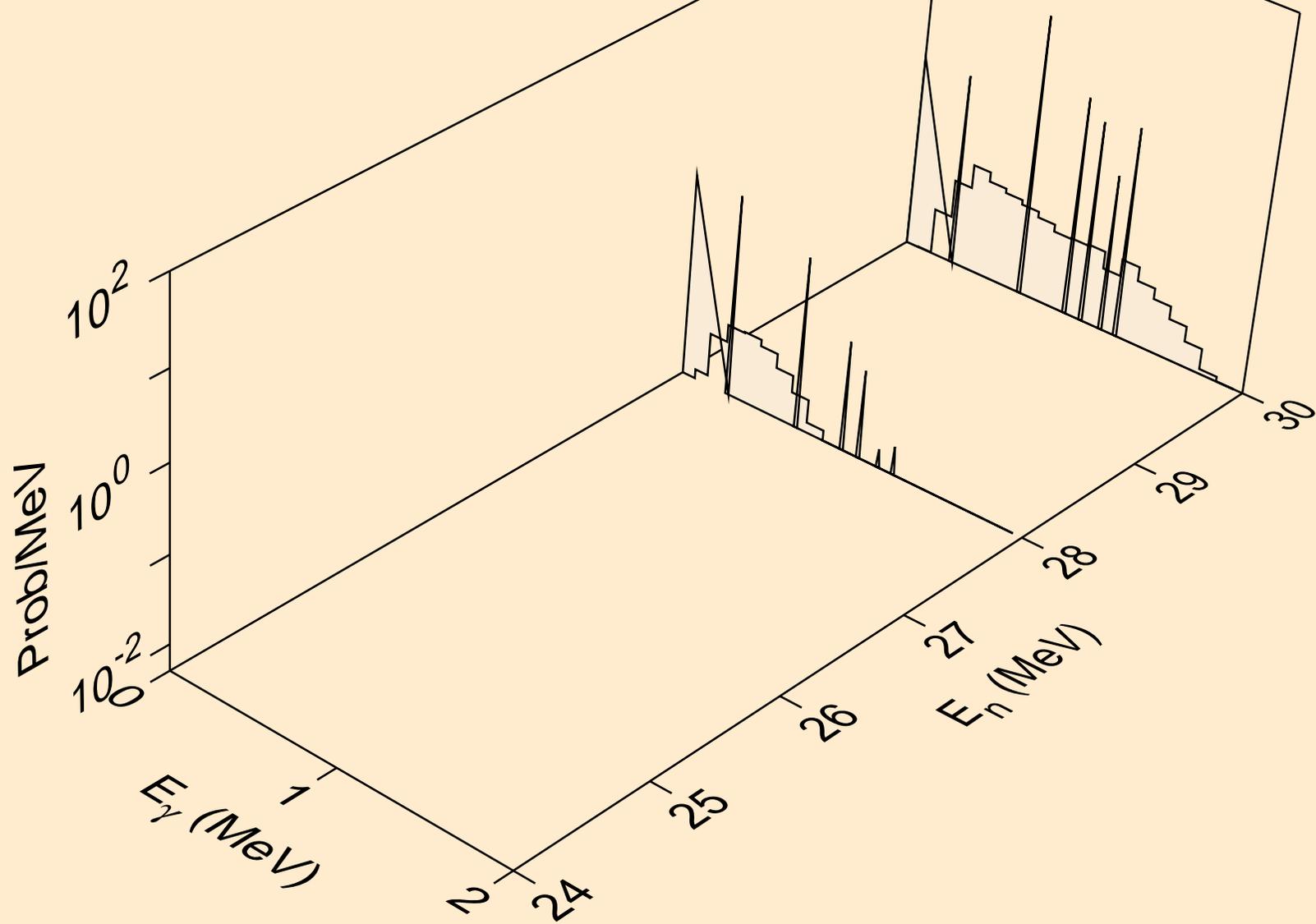
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



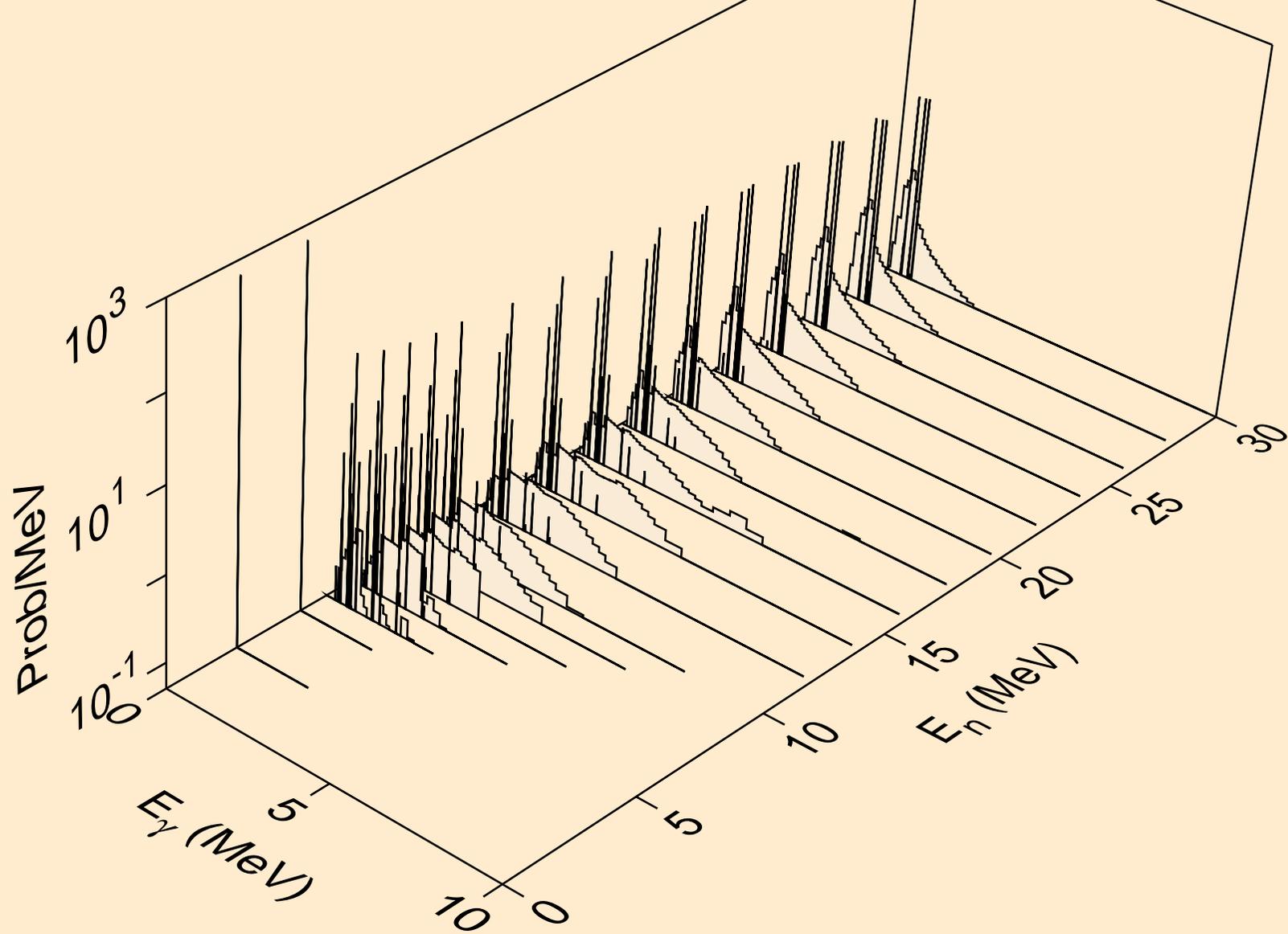
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



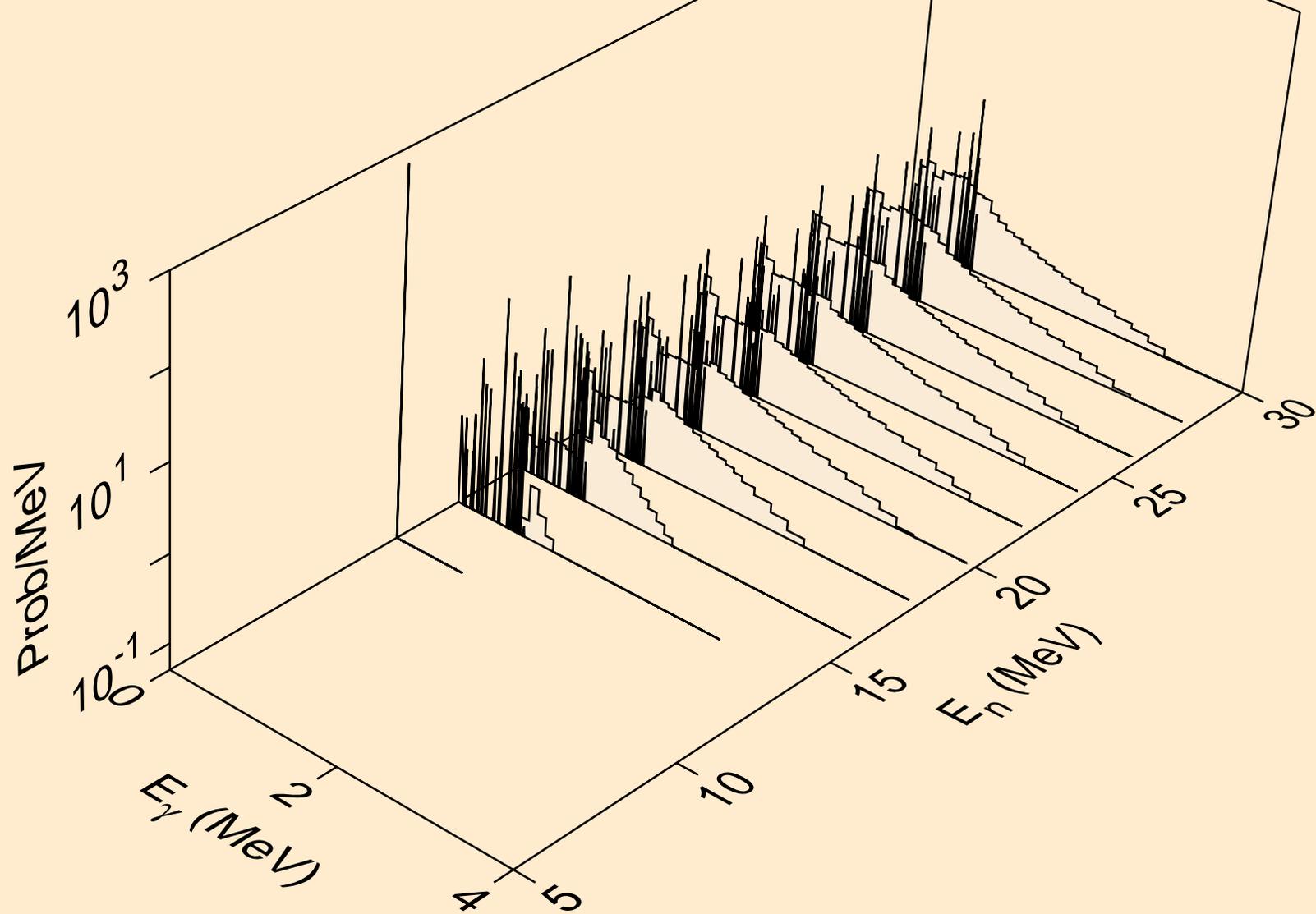
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



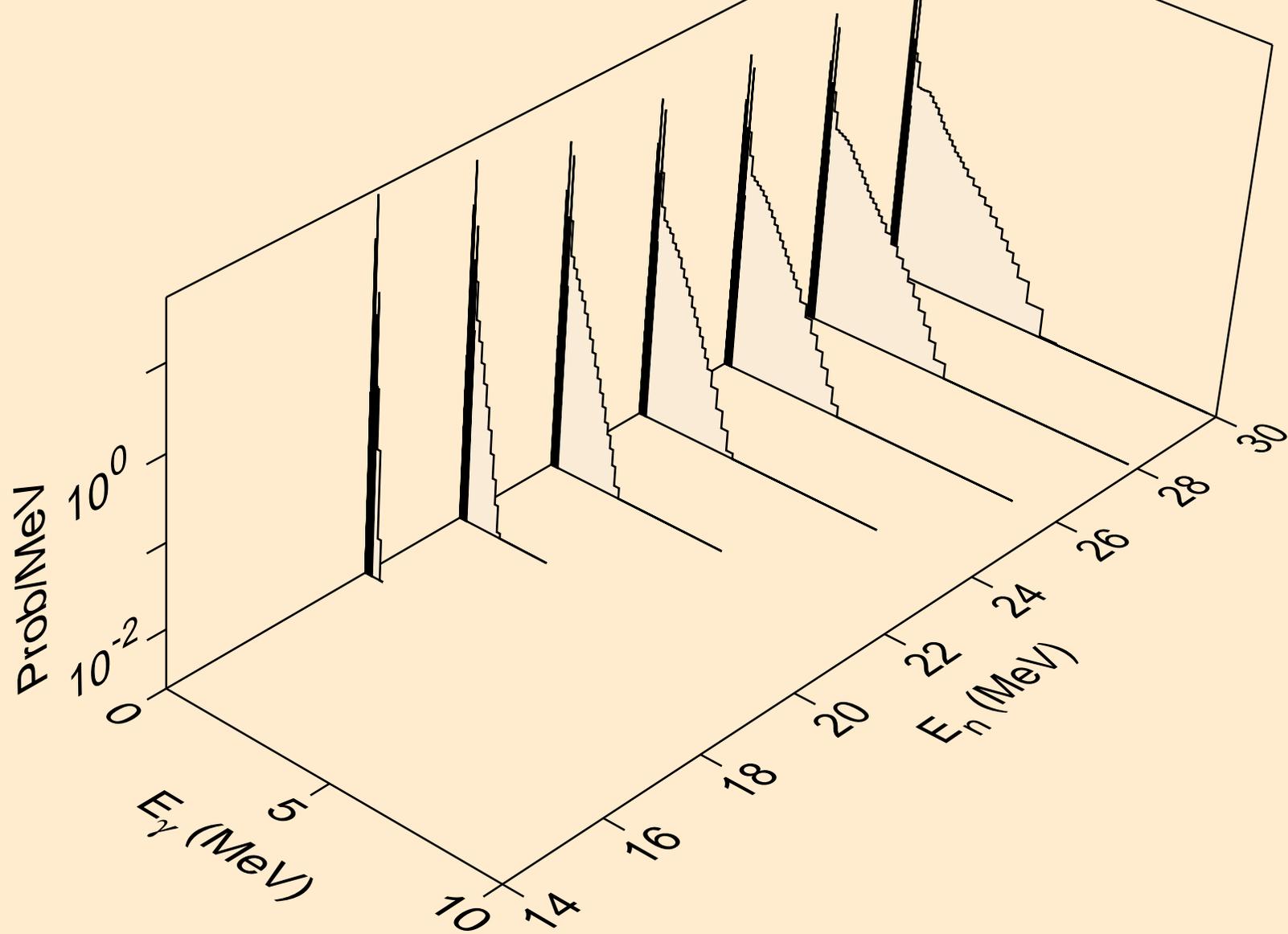
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



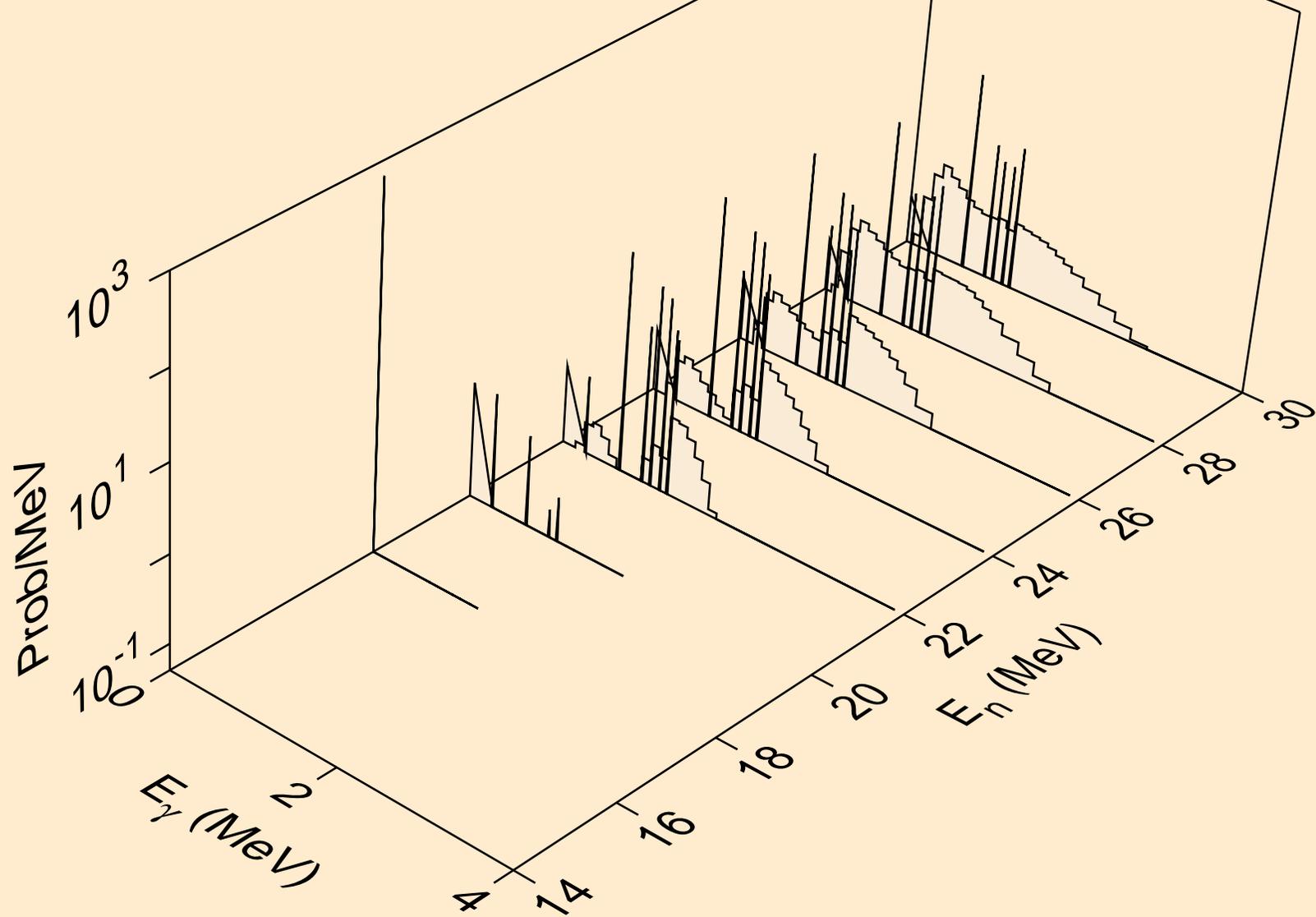
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



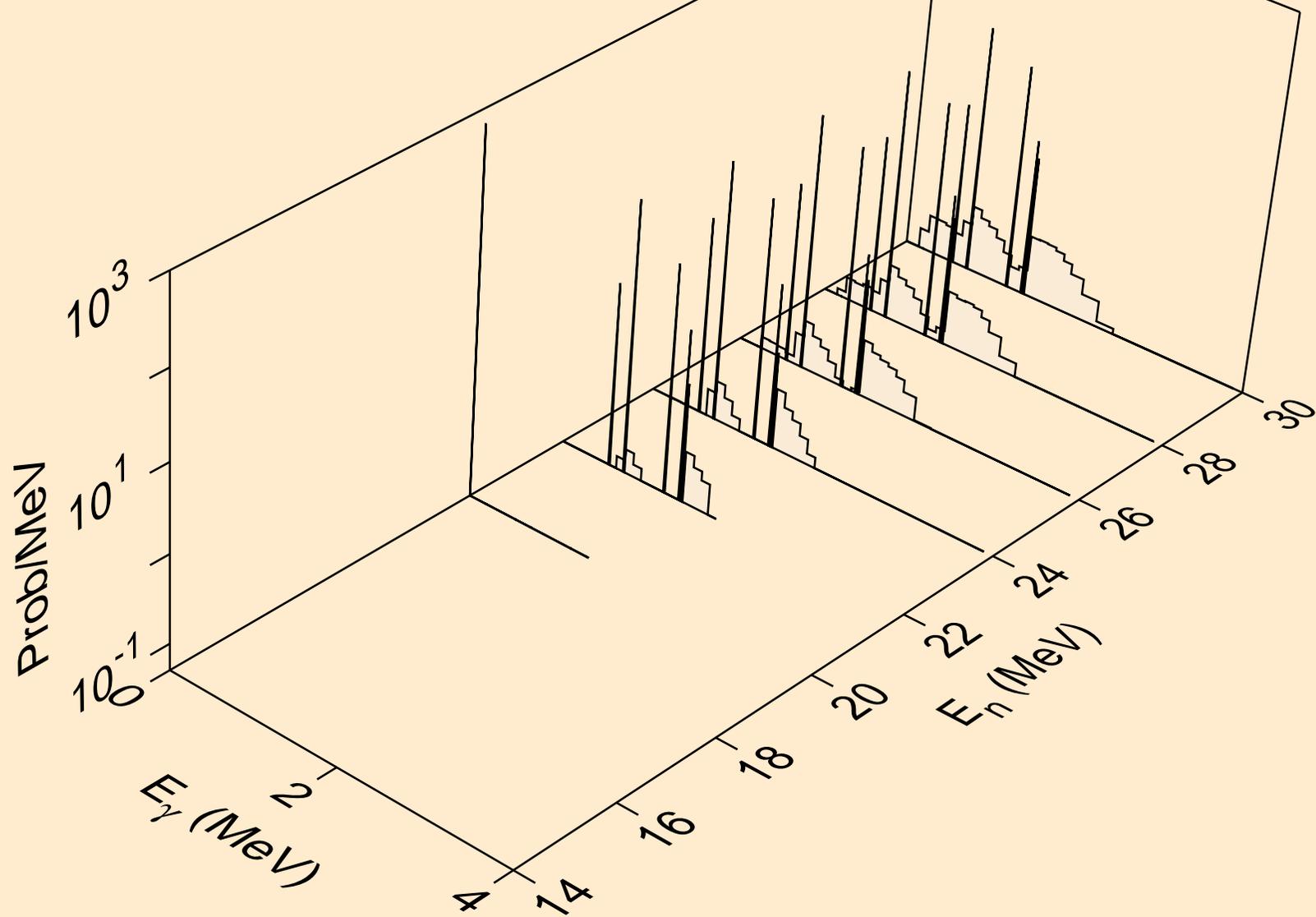
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



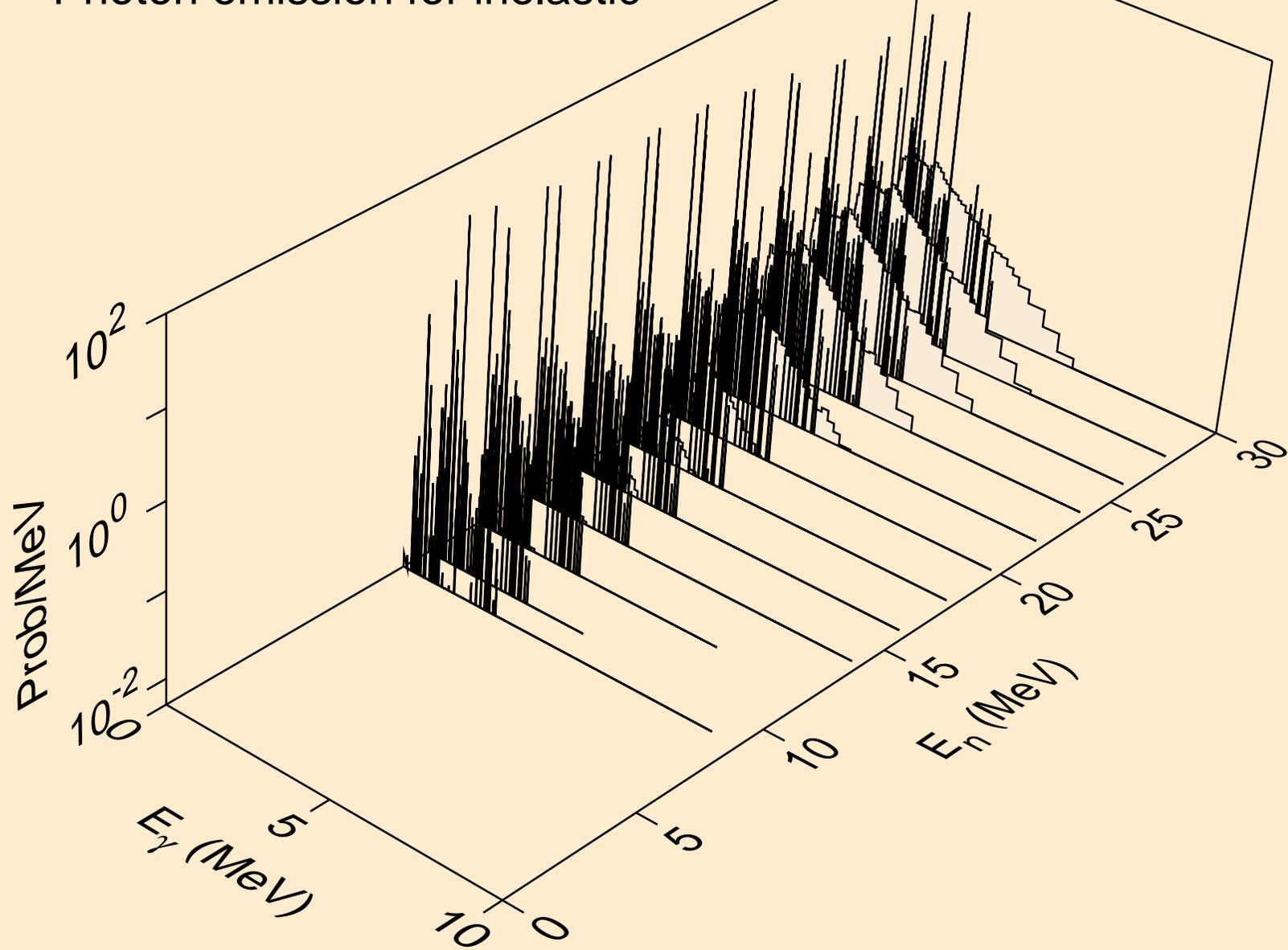
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



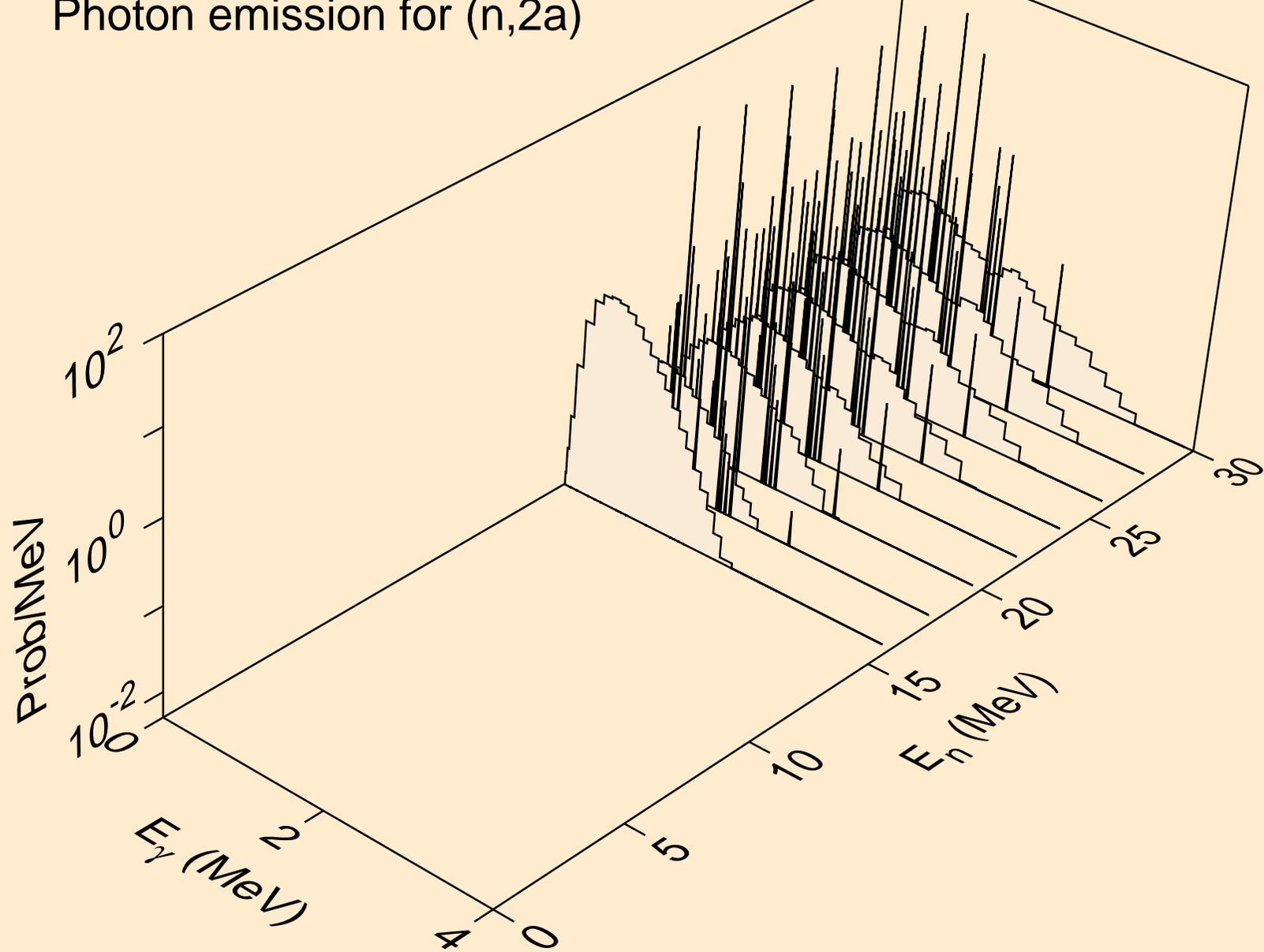
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



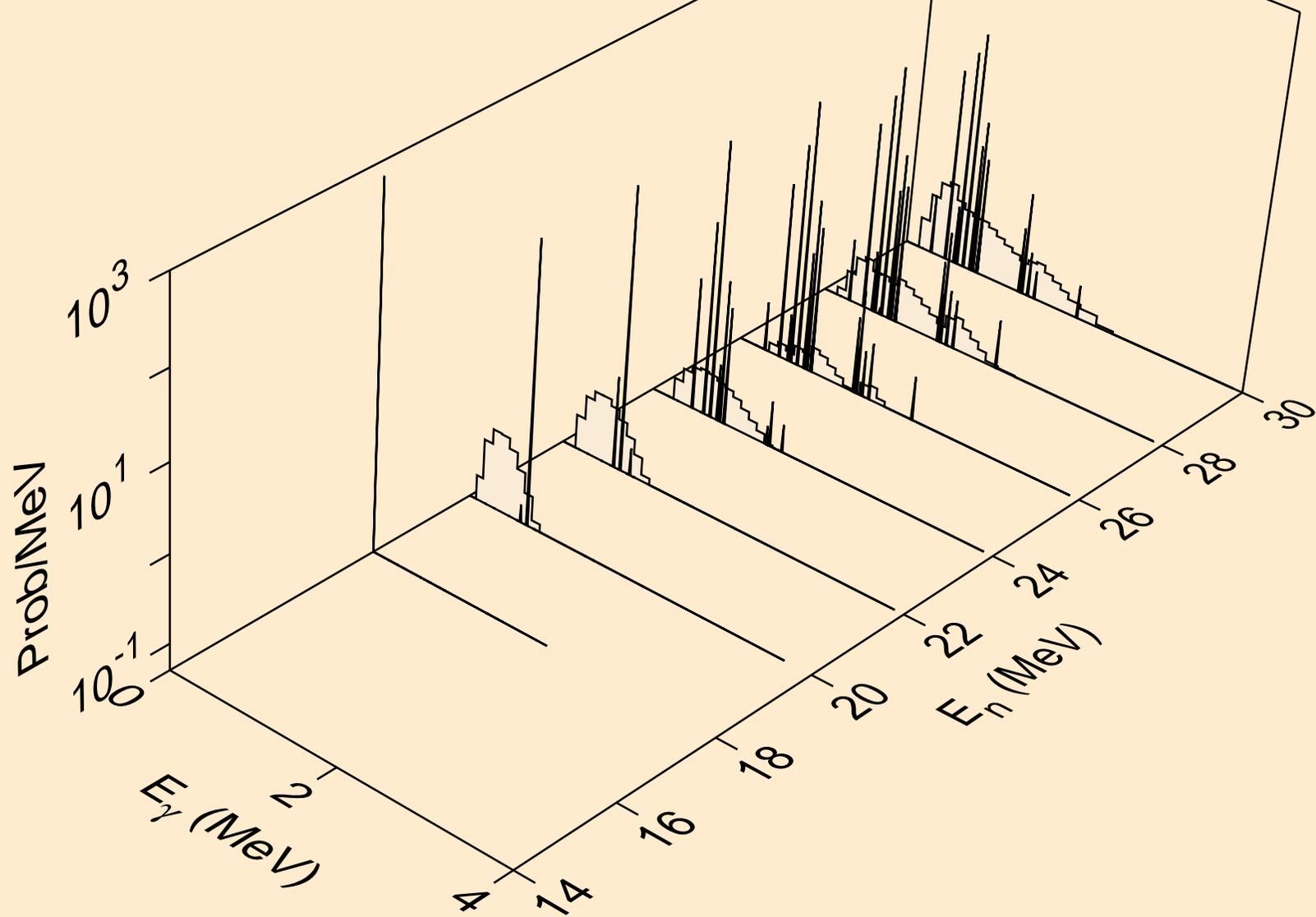
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



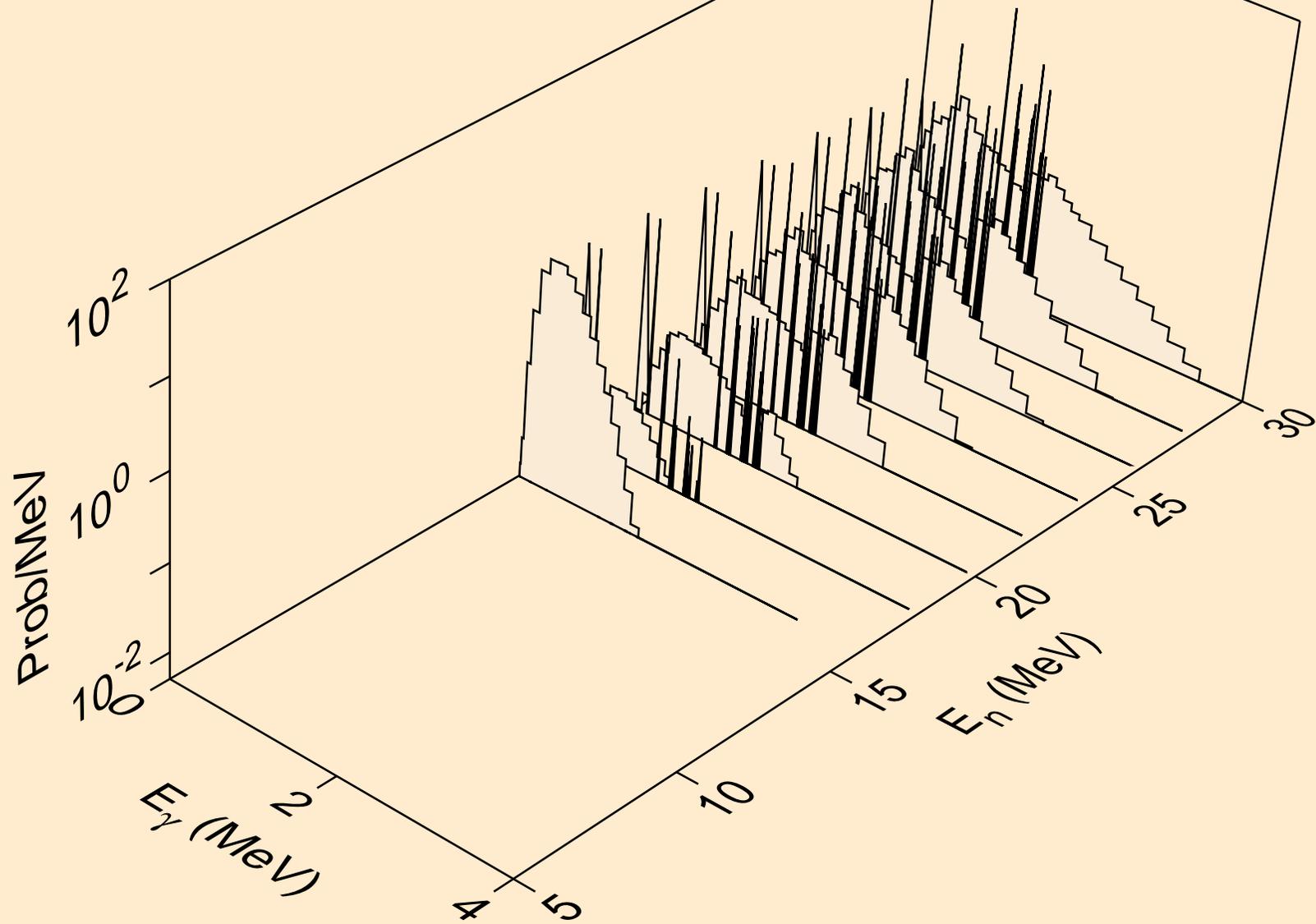
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

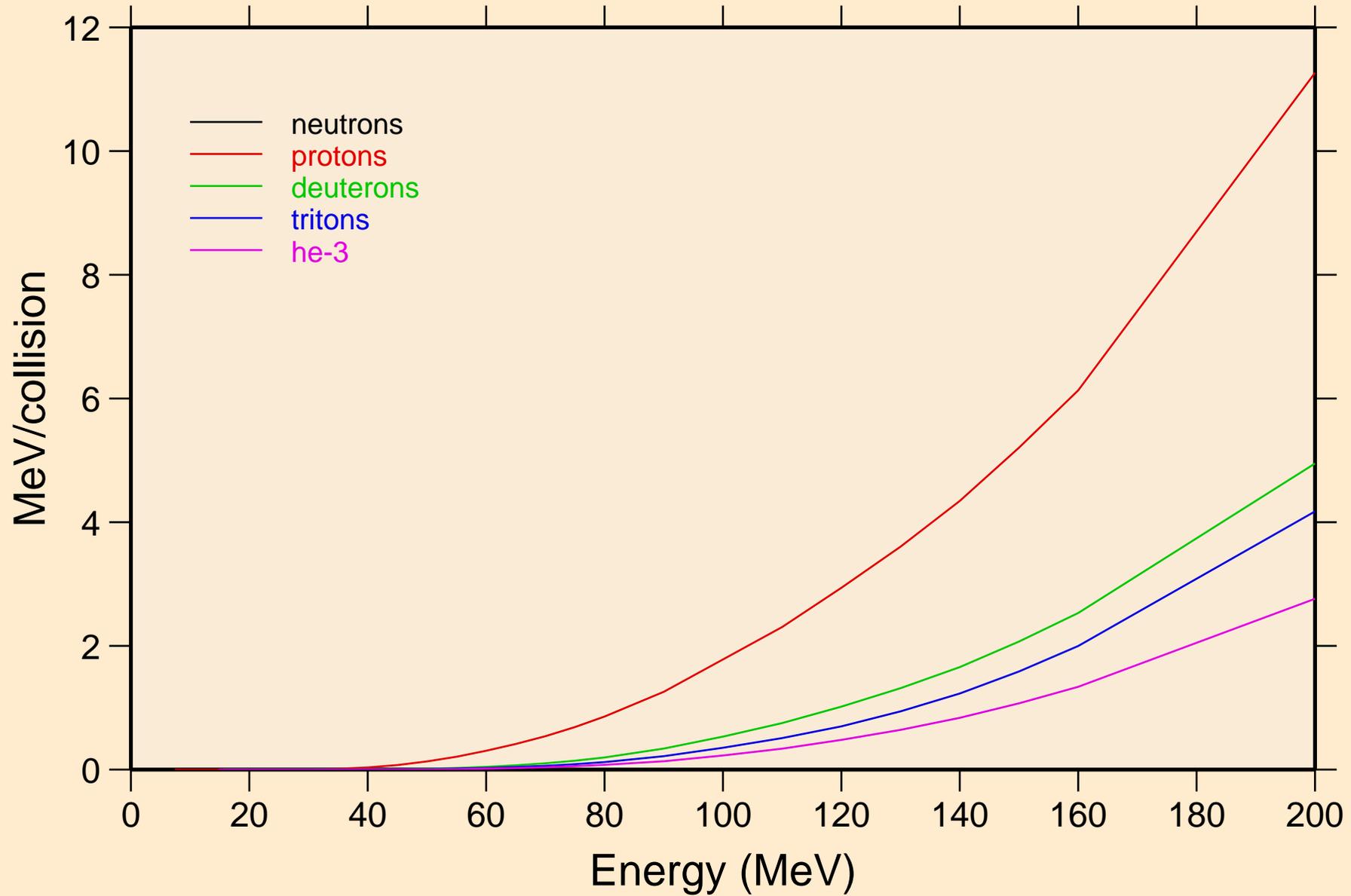


ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

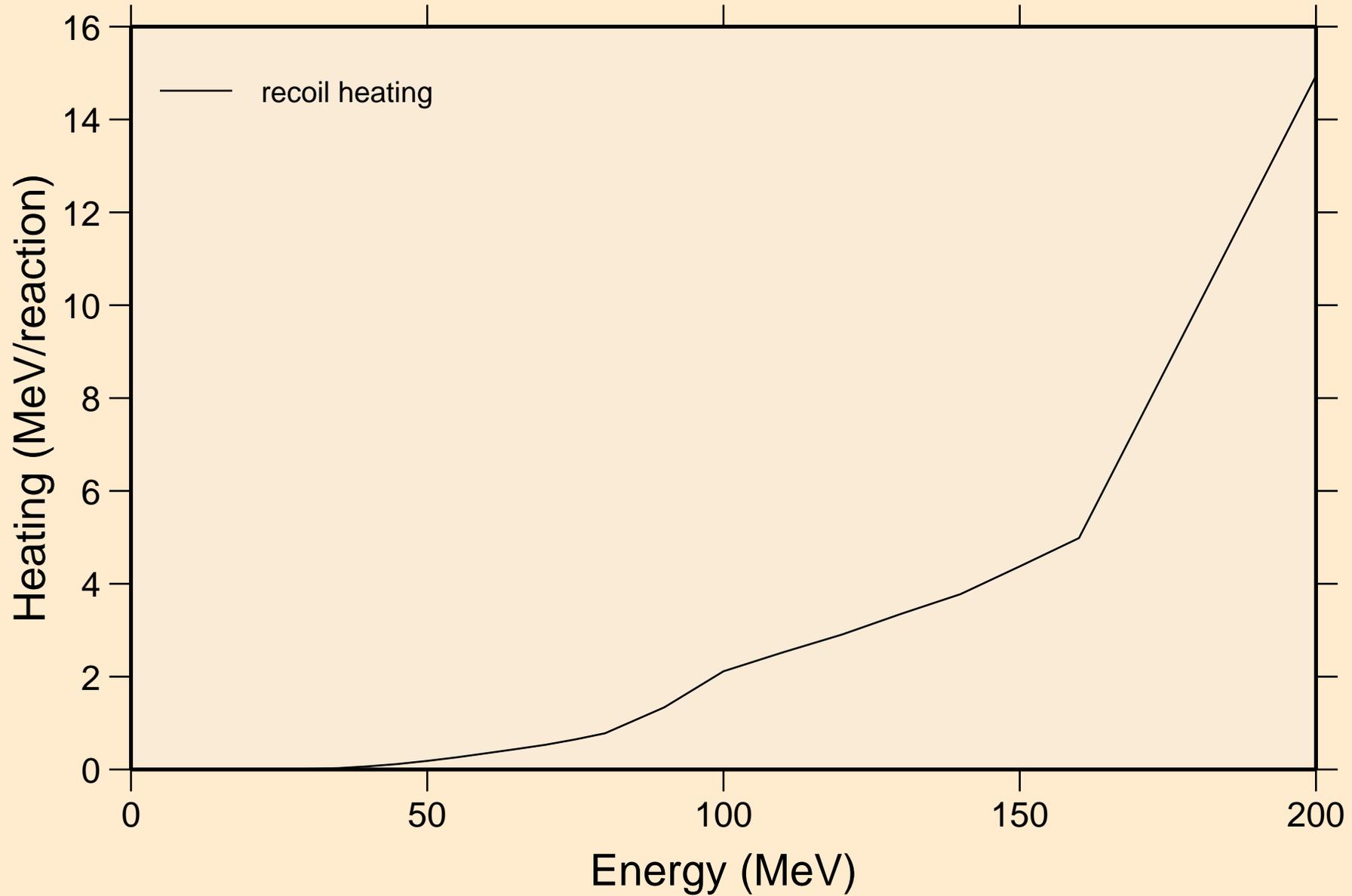


# ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

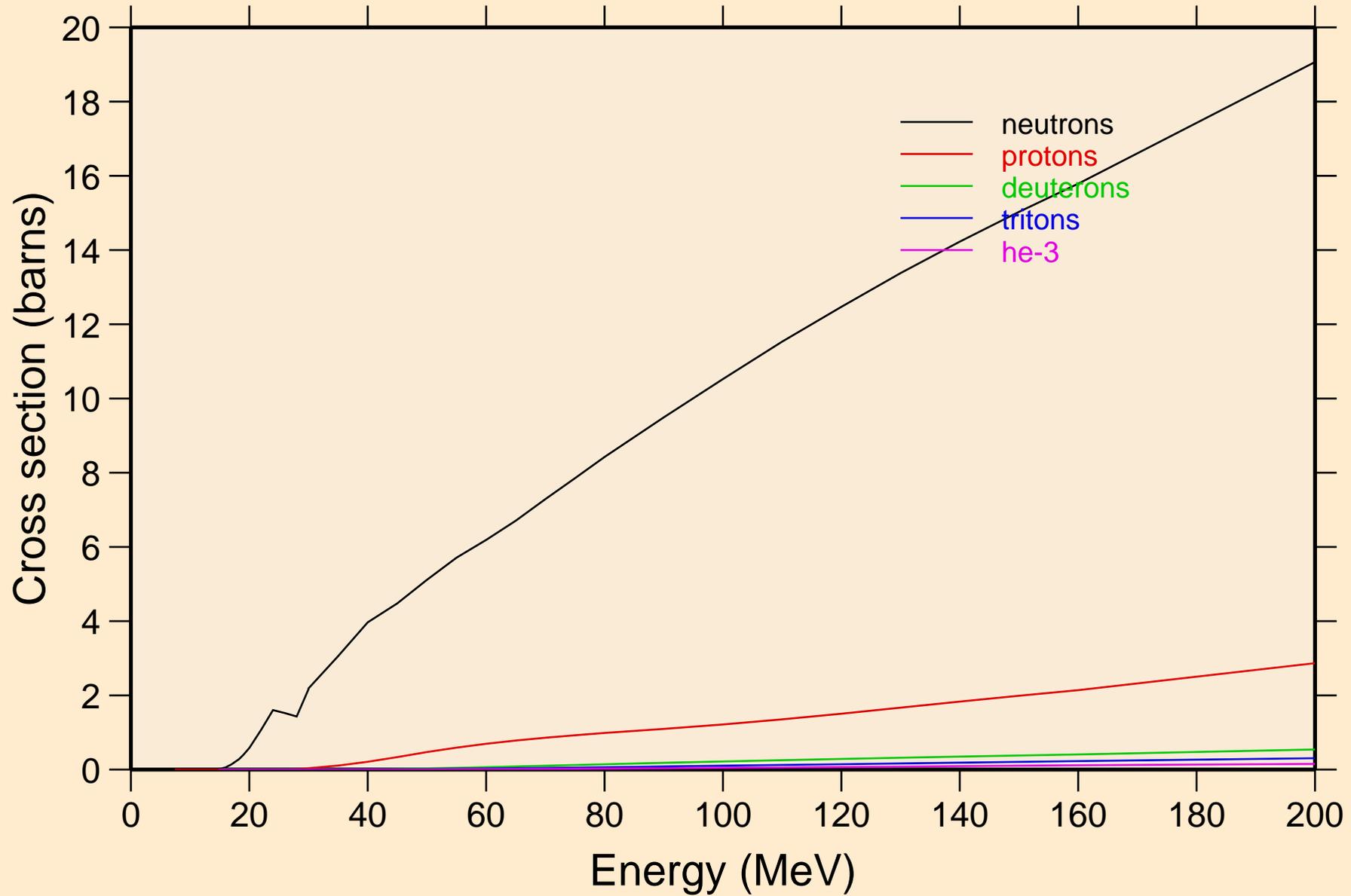
## Particle heating contributions



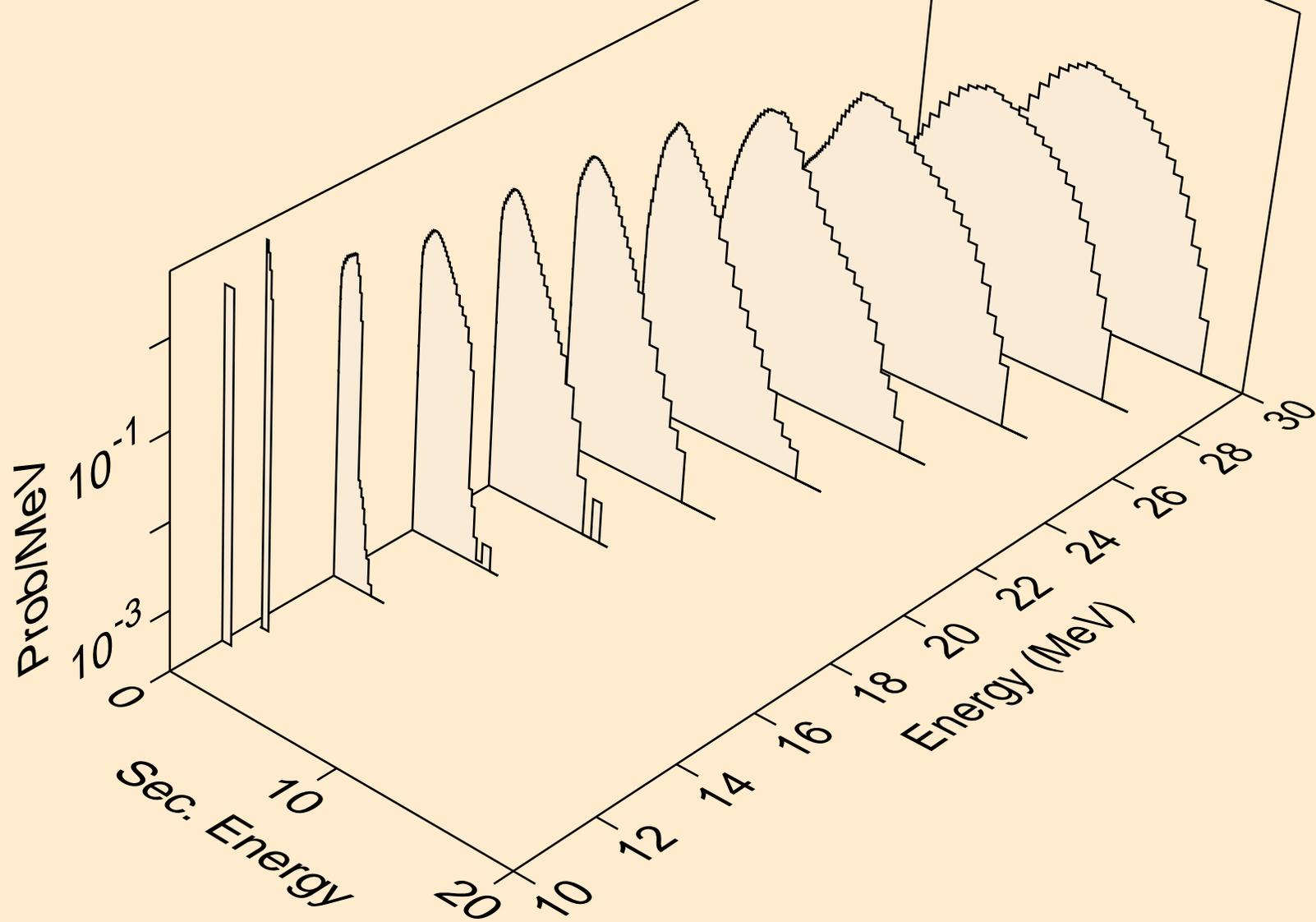
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



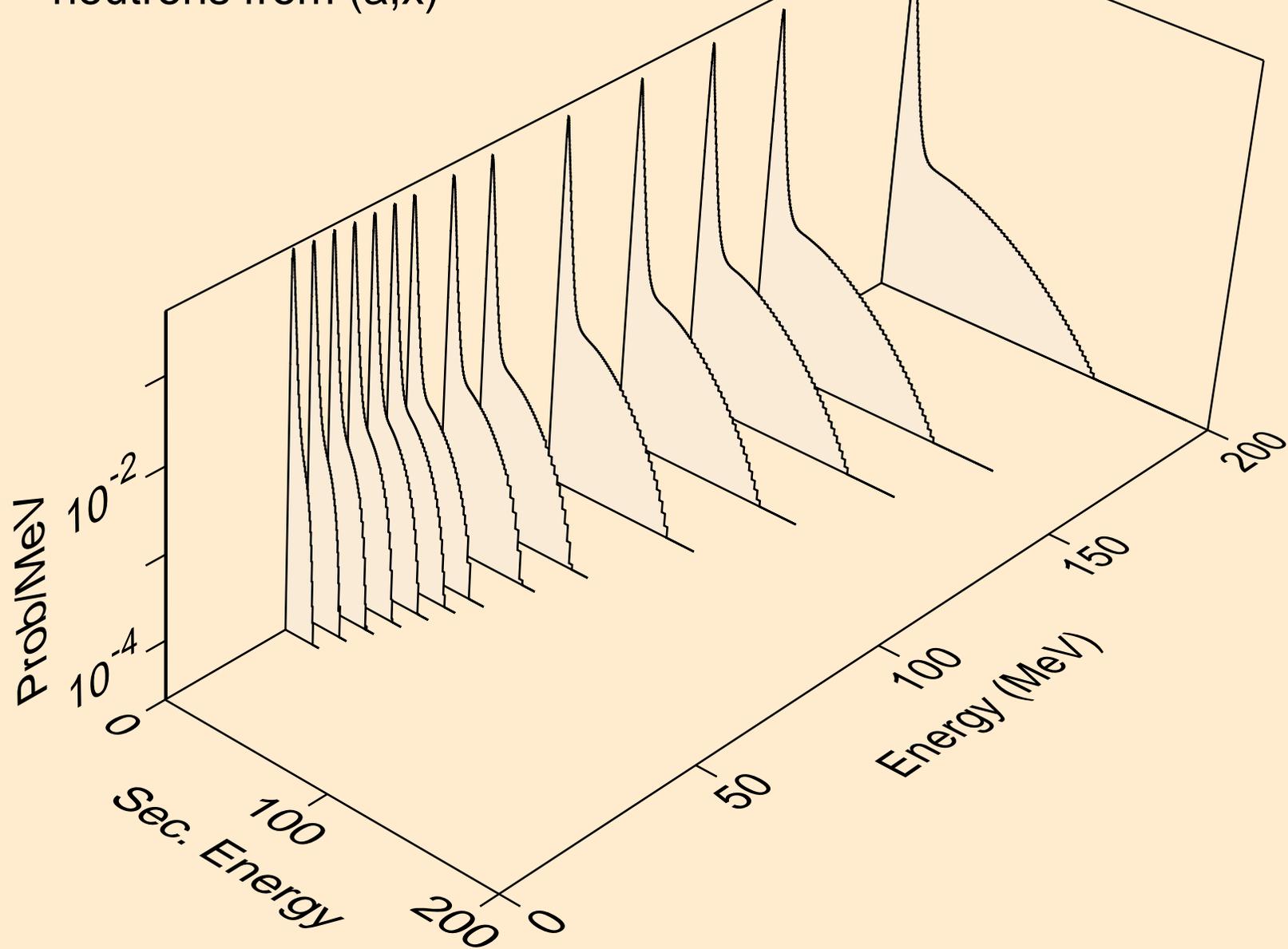
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



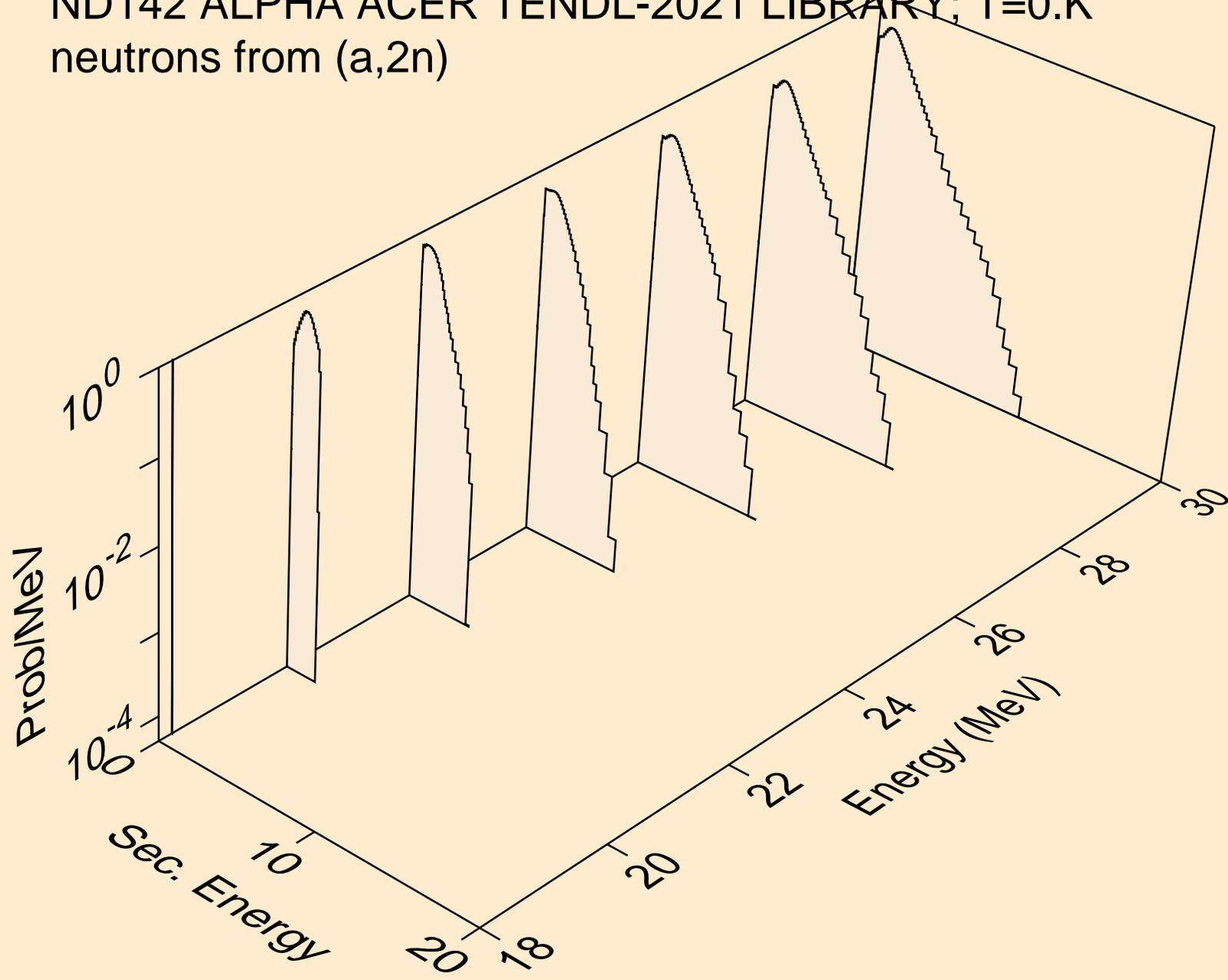
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



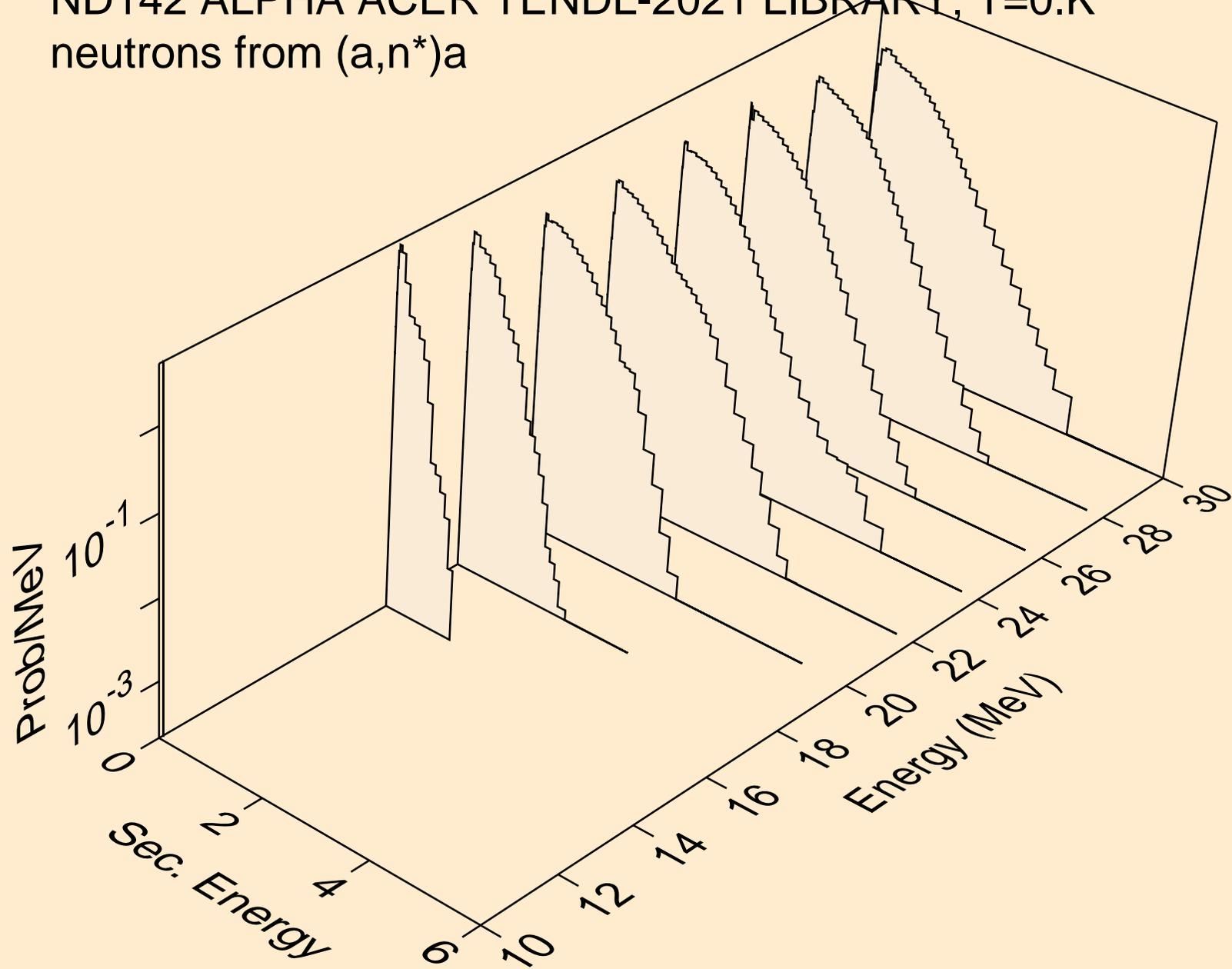
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



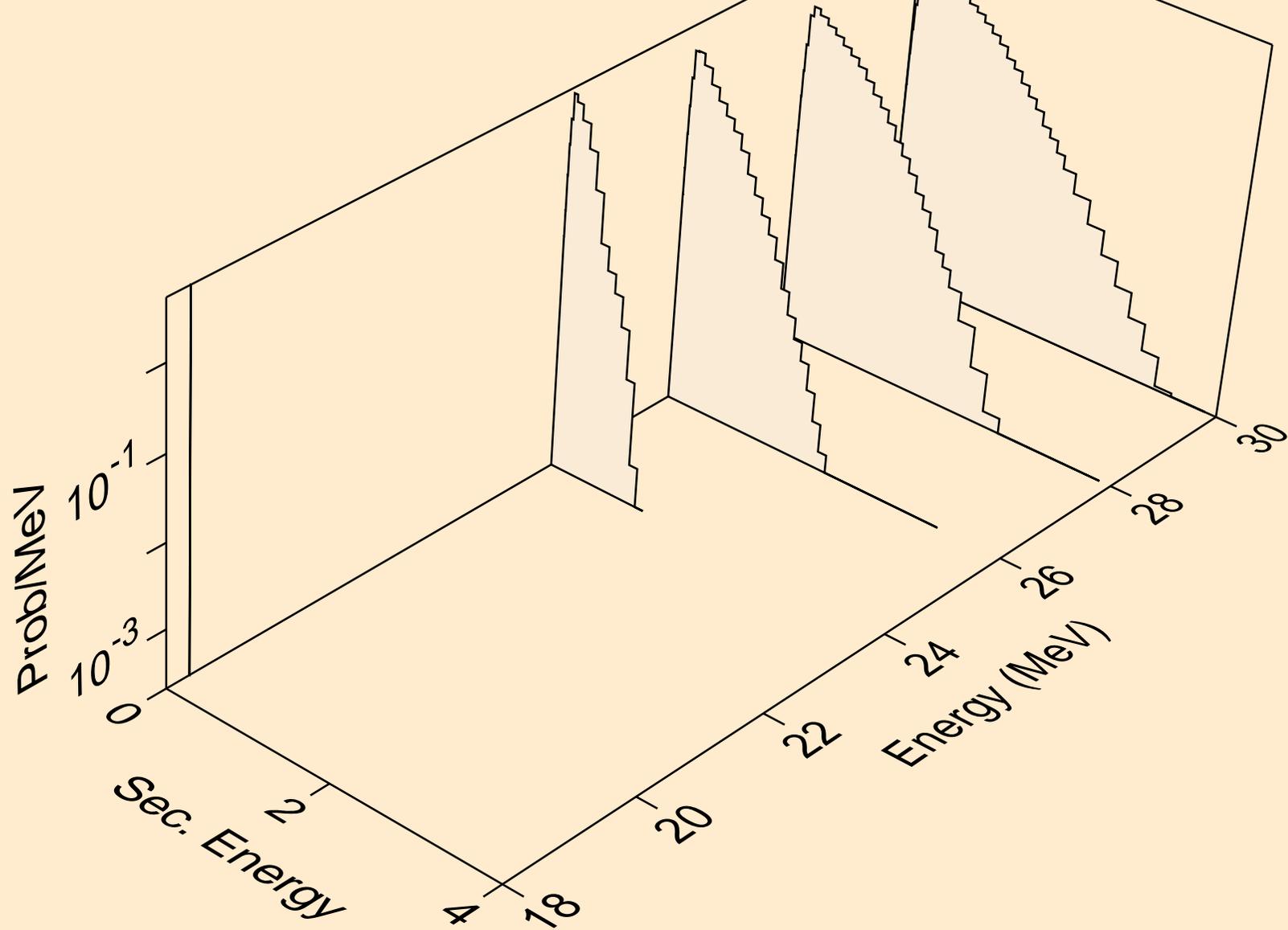
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



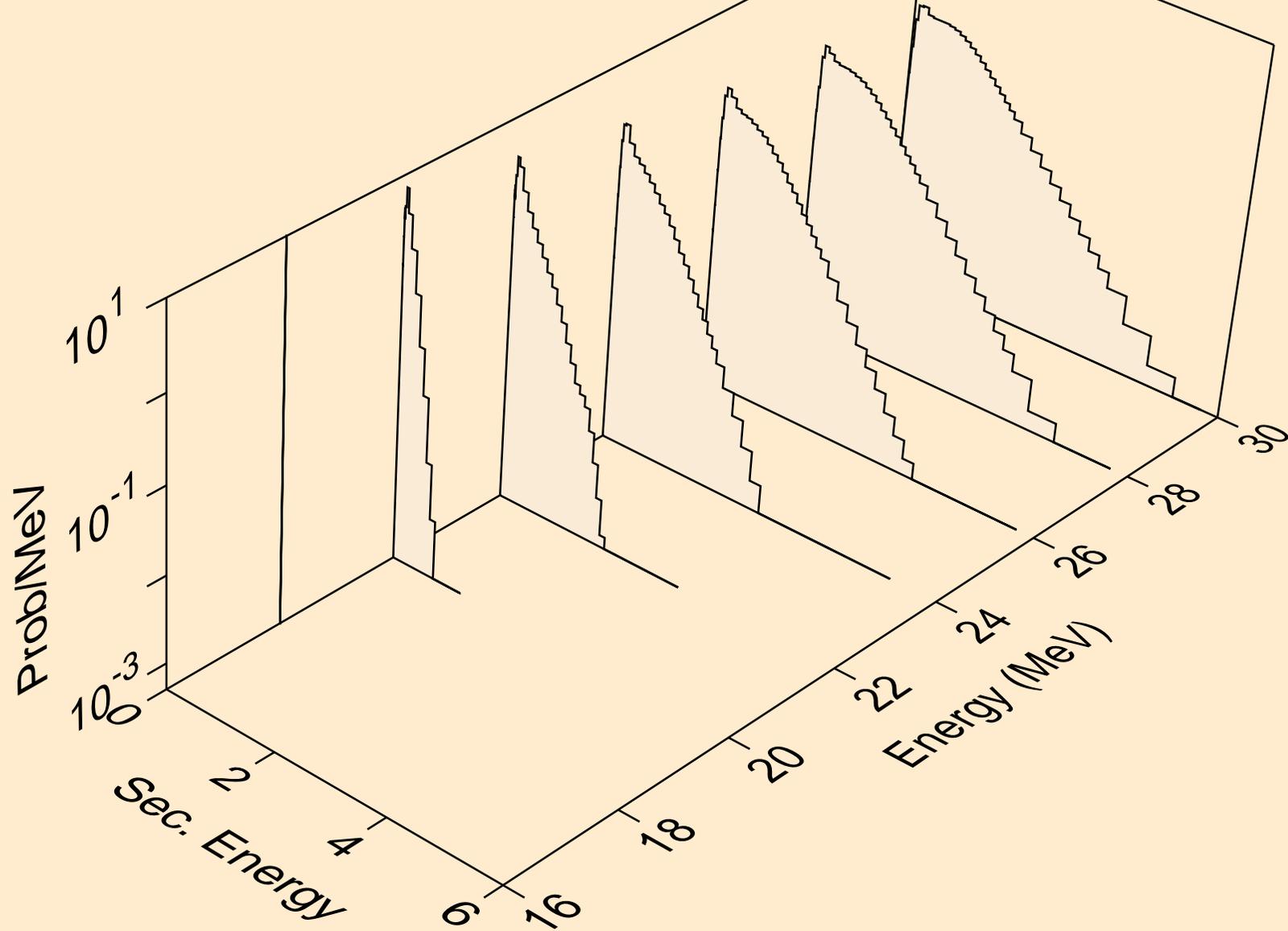
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



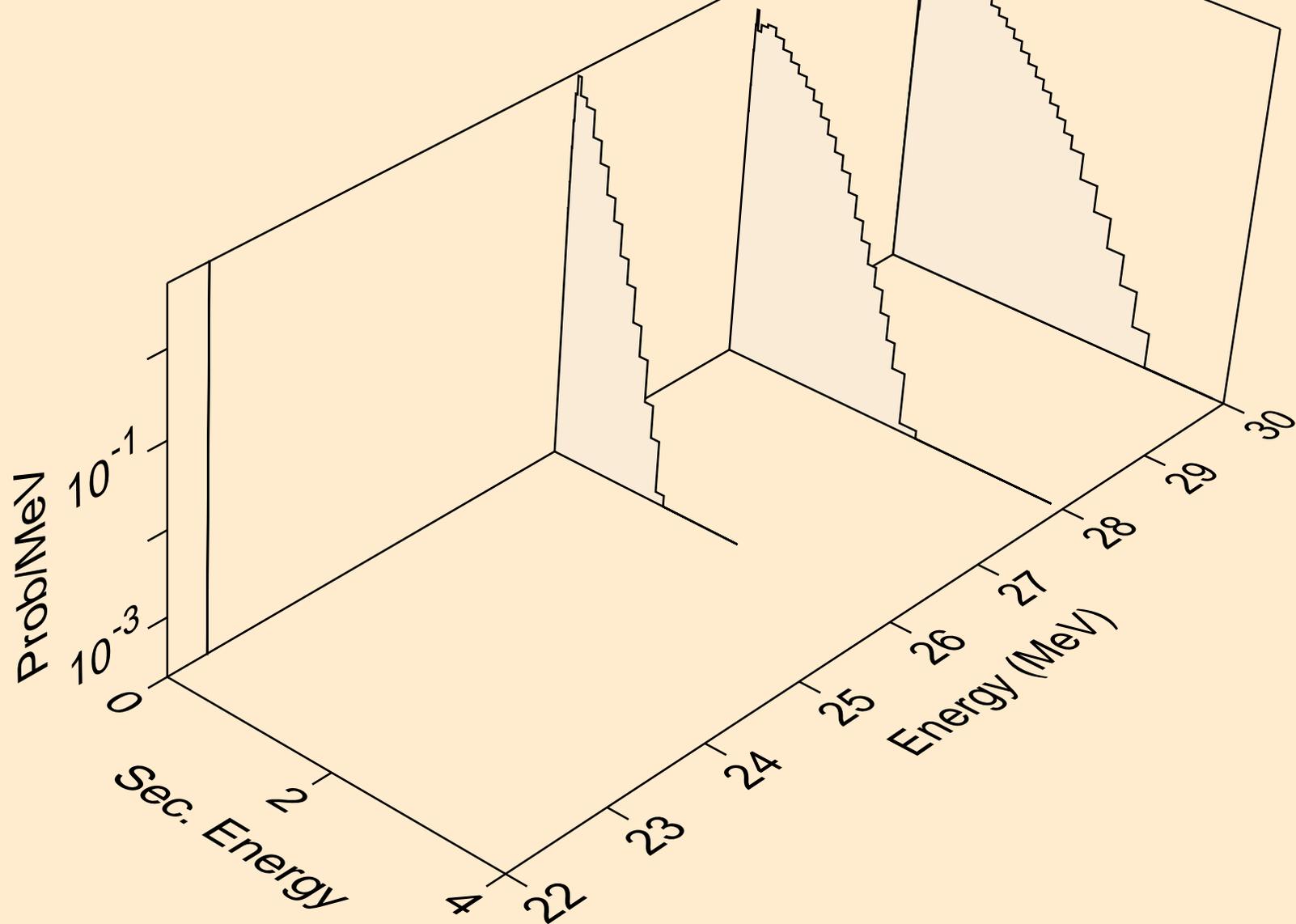
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



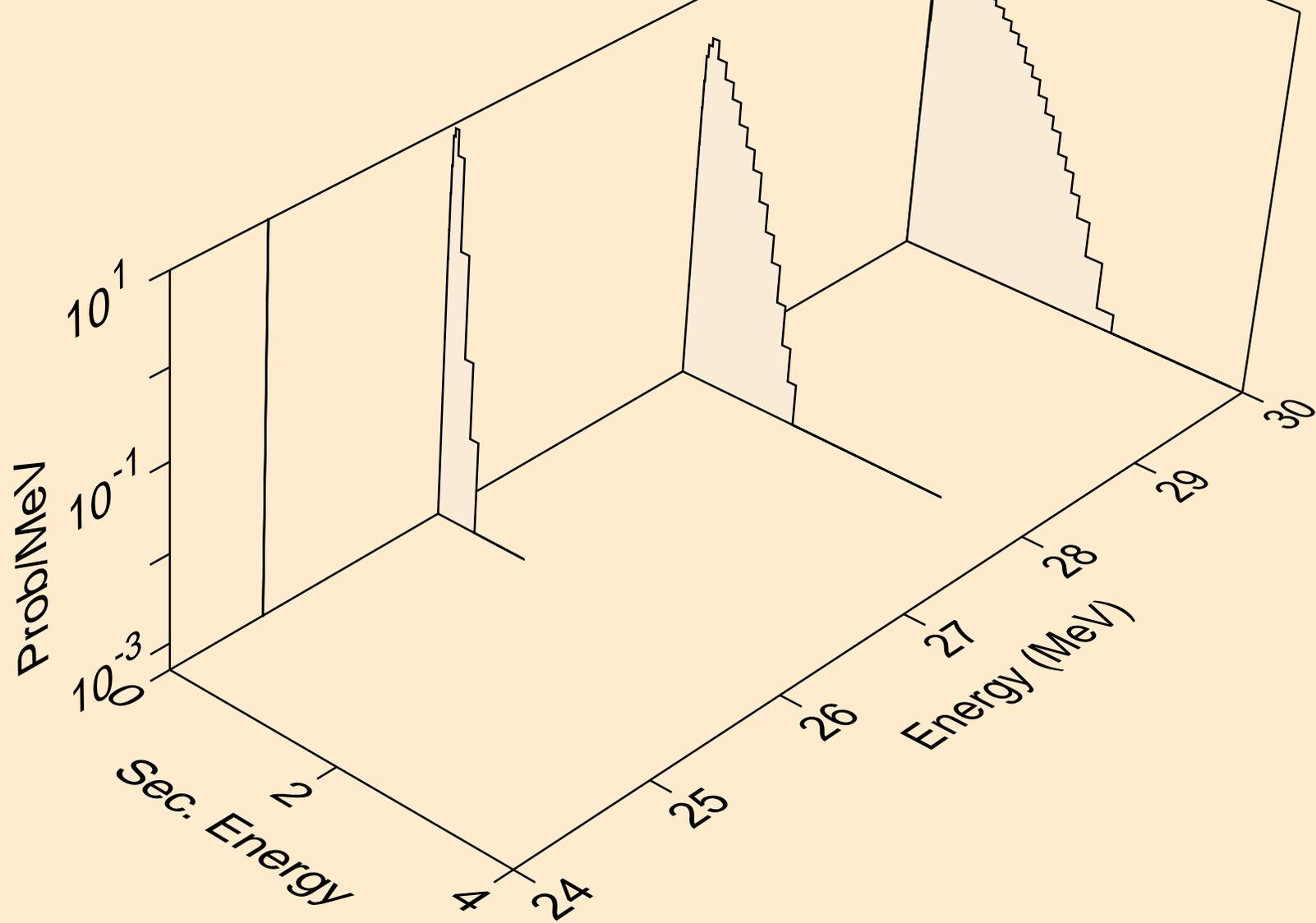
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



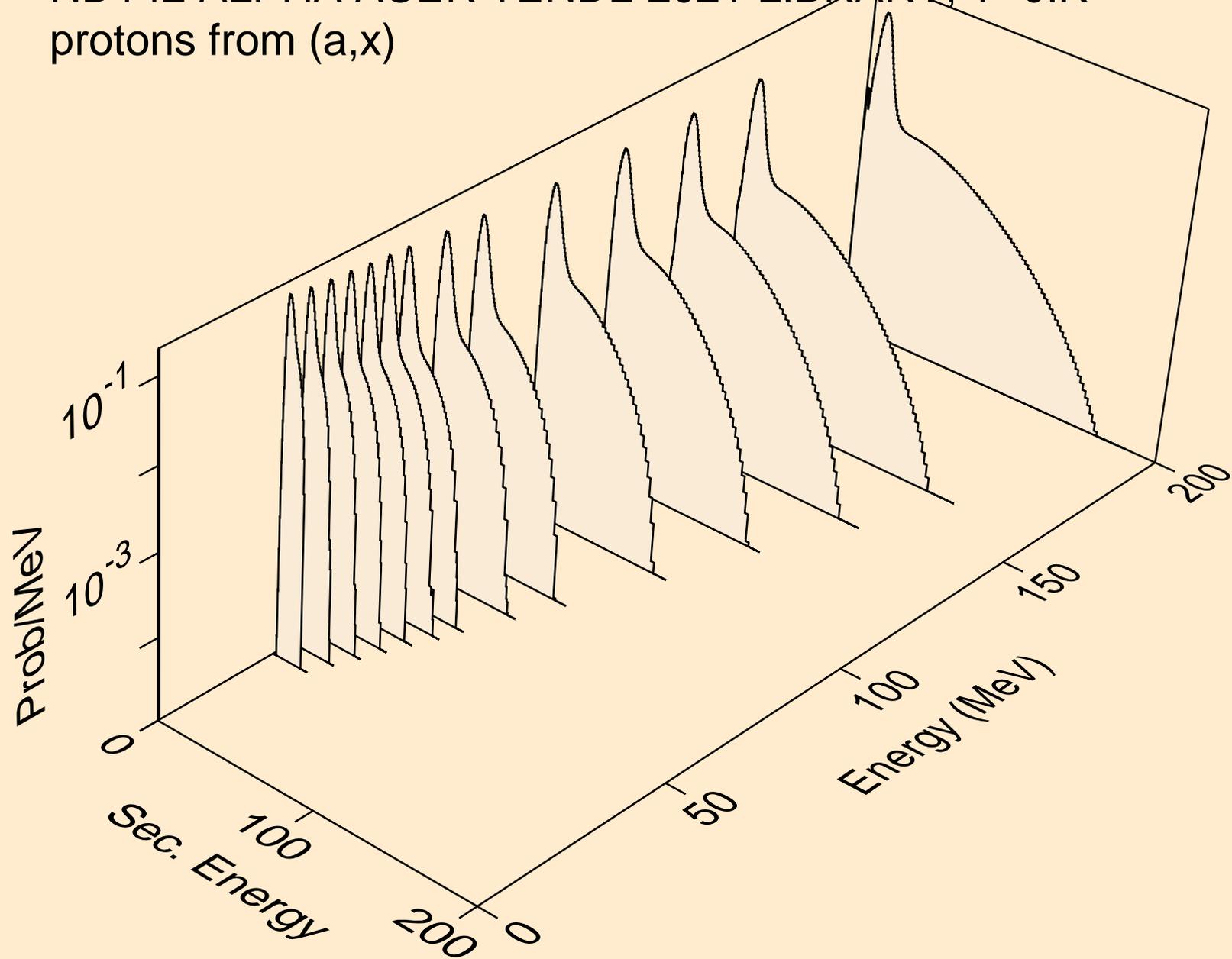
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



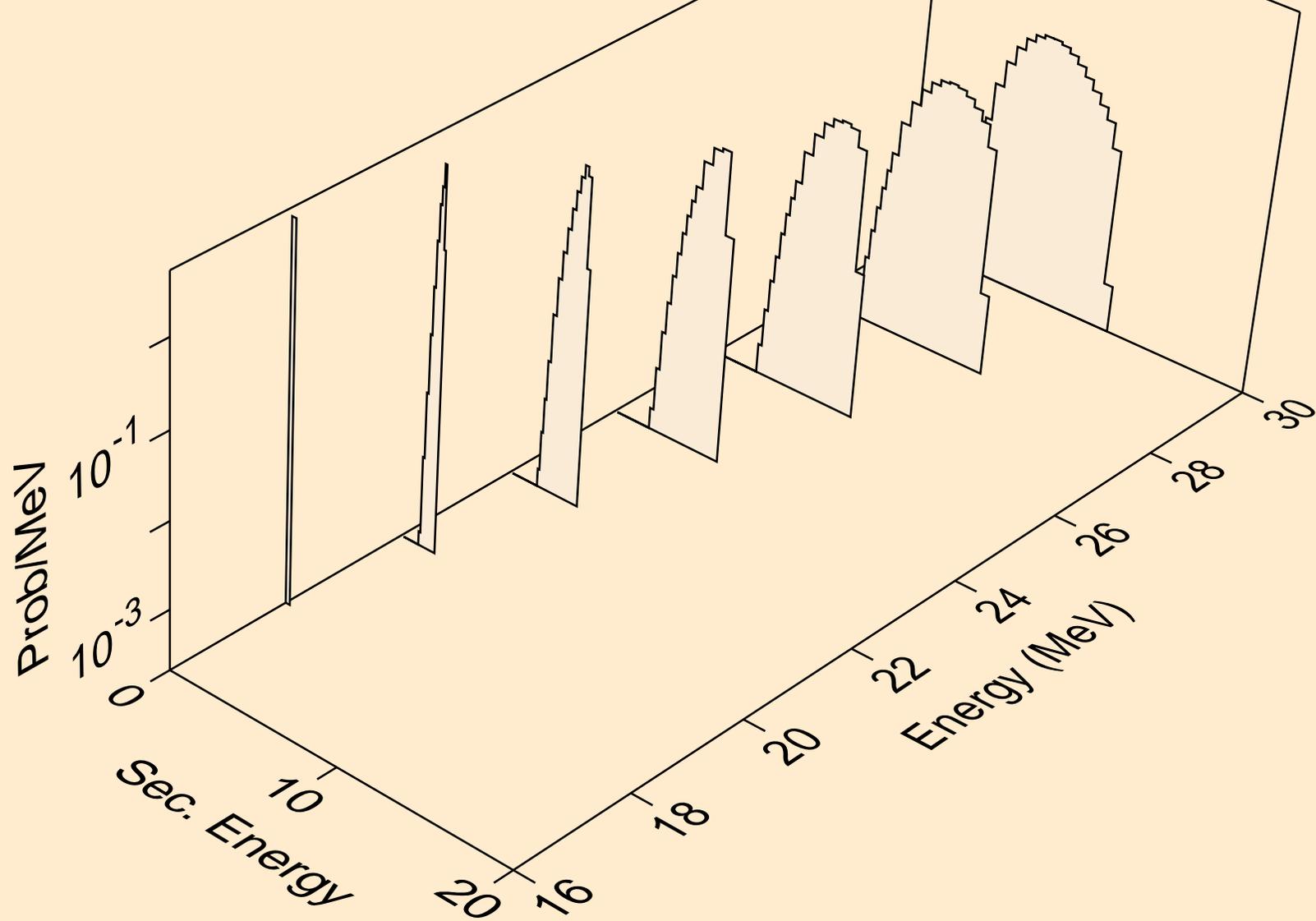
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



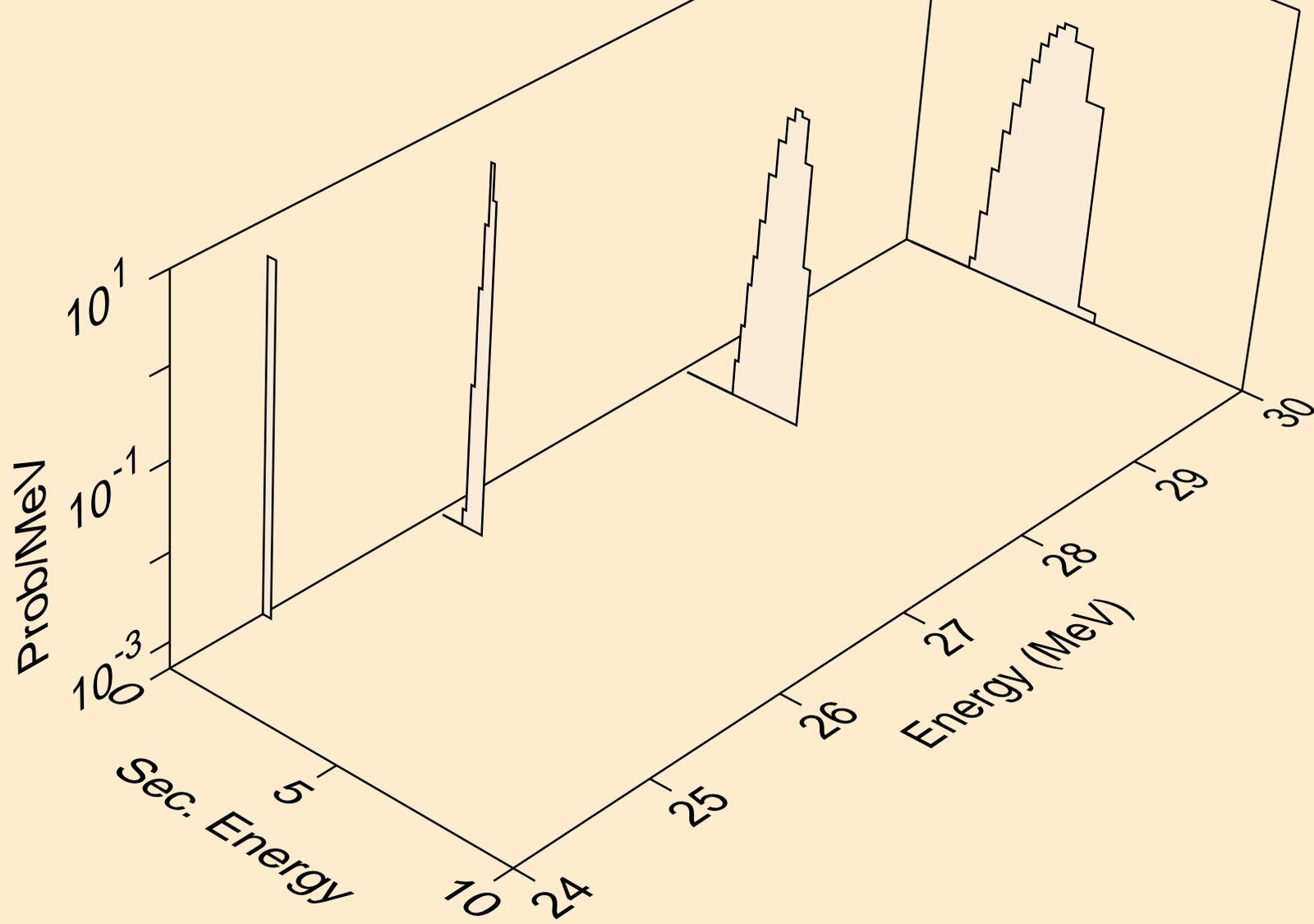
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



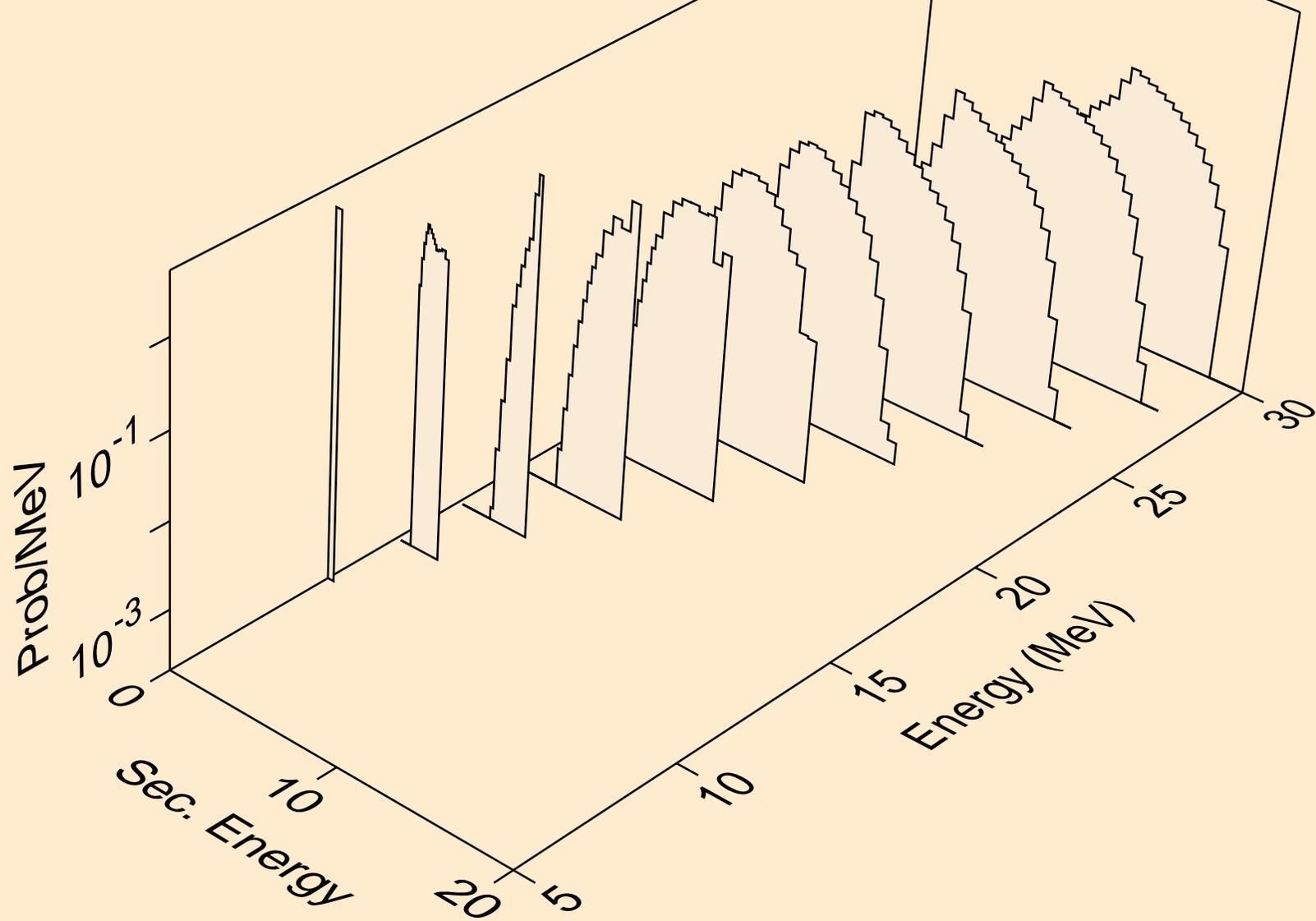
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



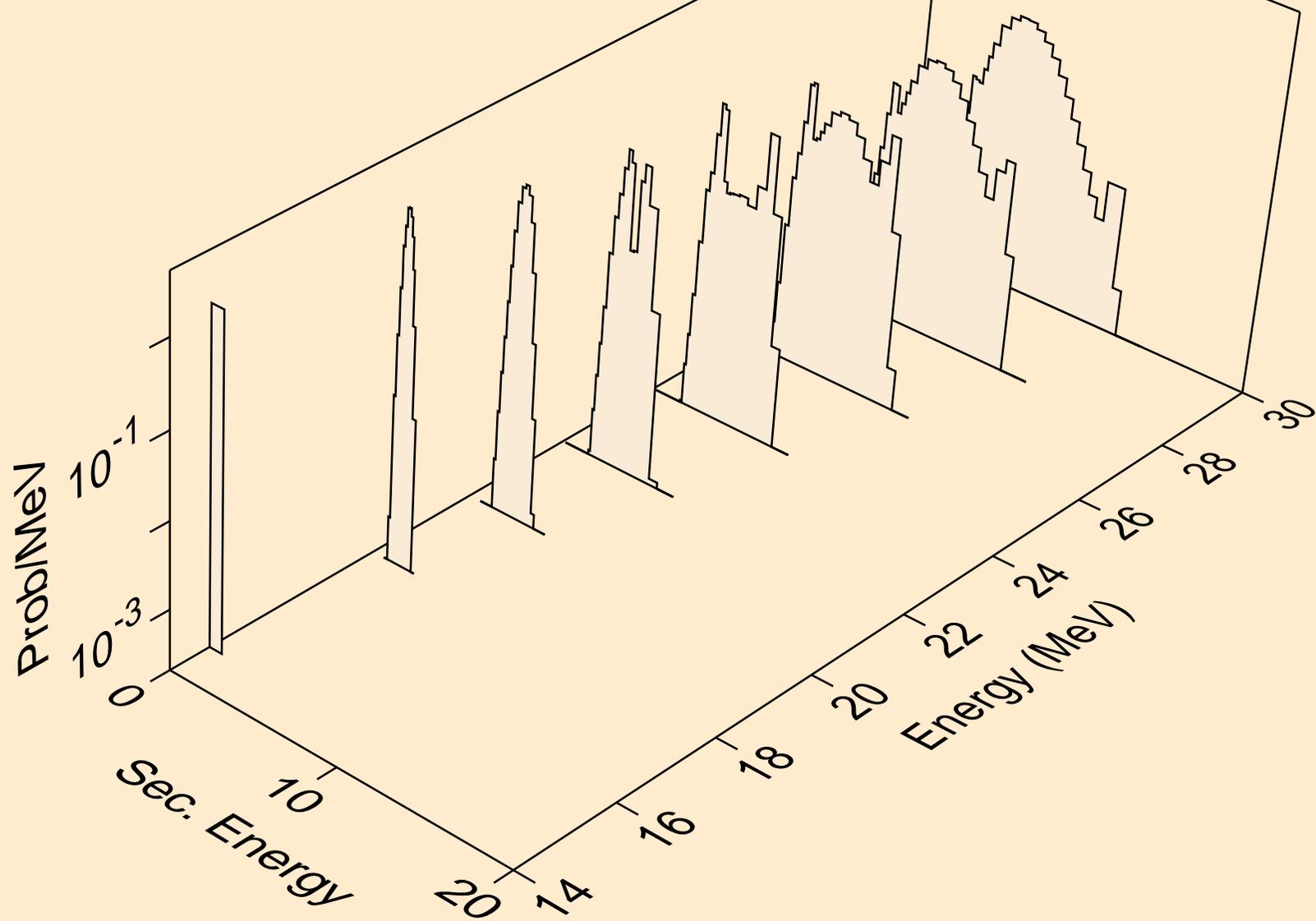
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



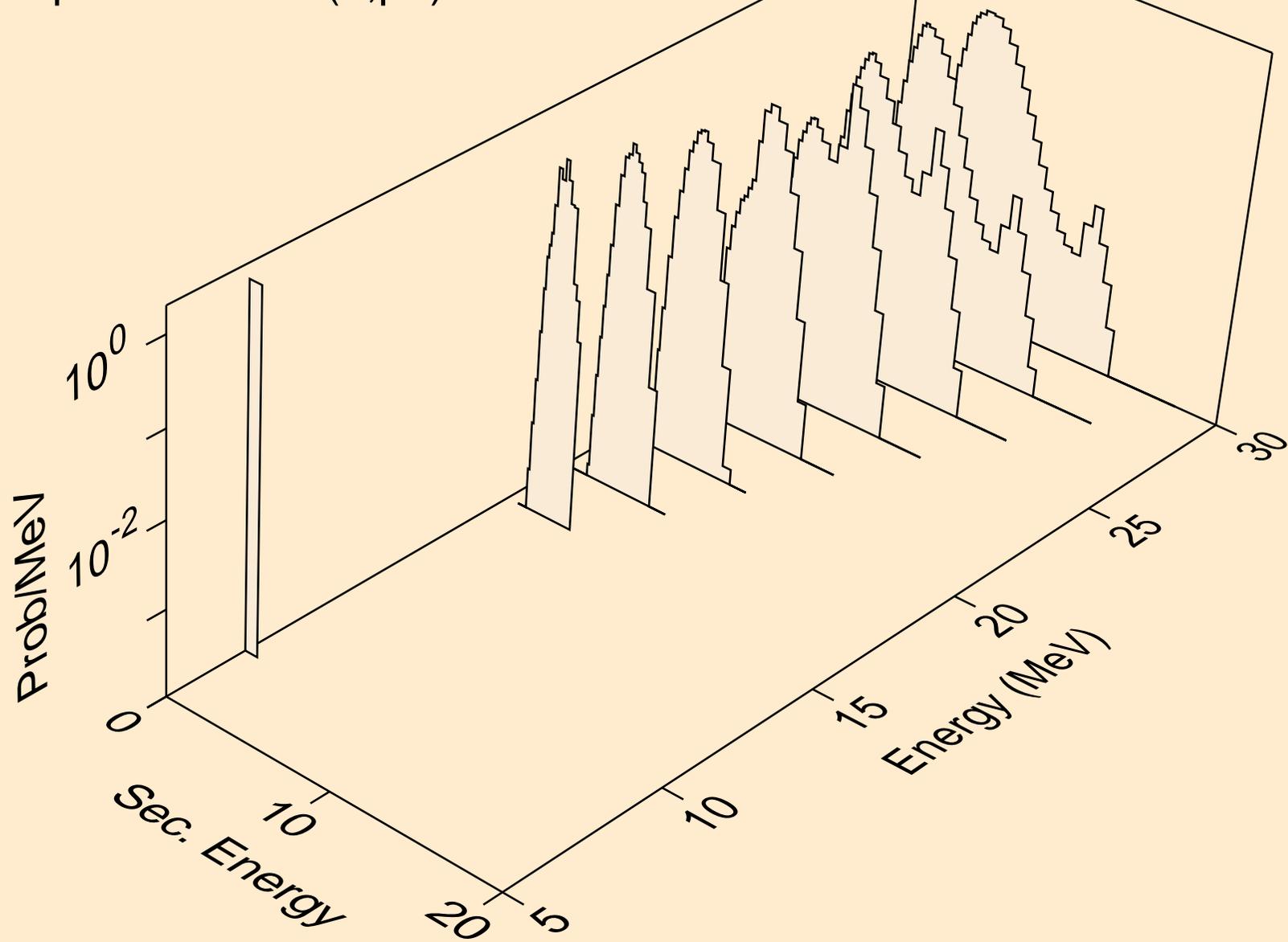
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



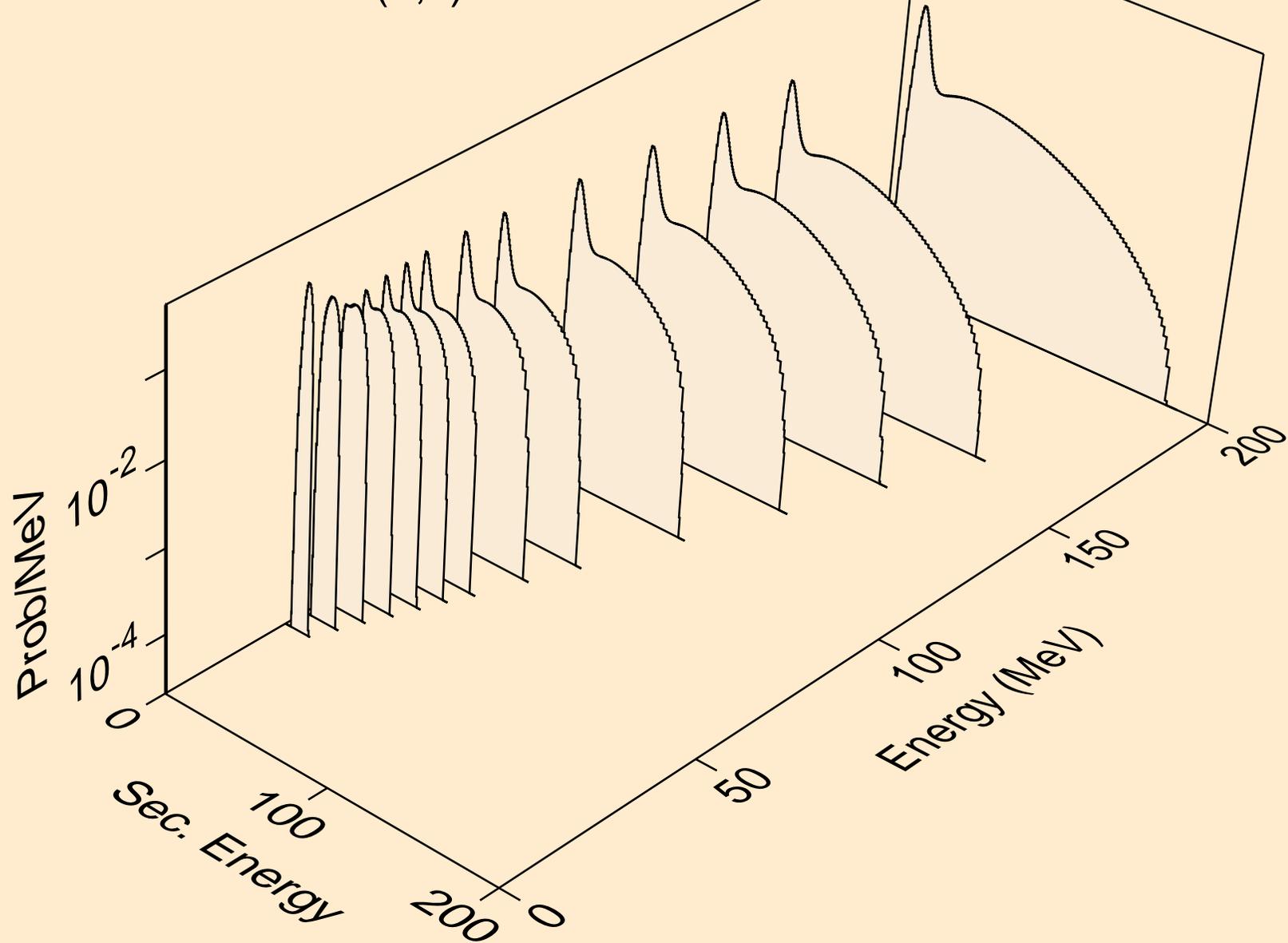
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



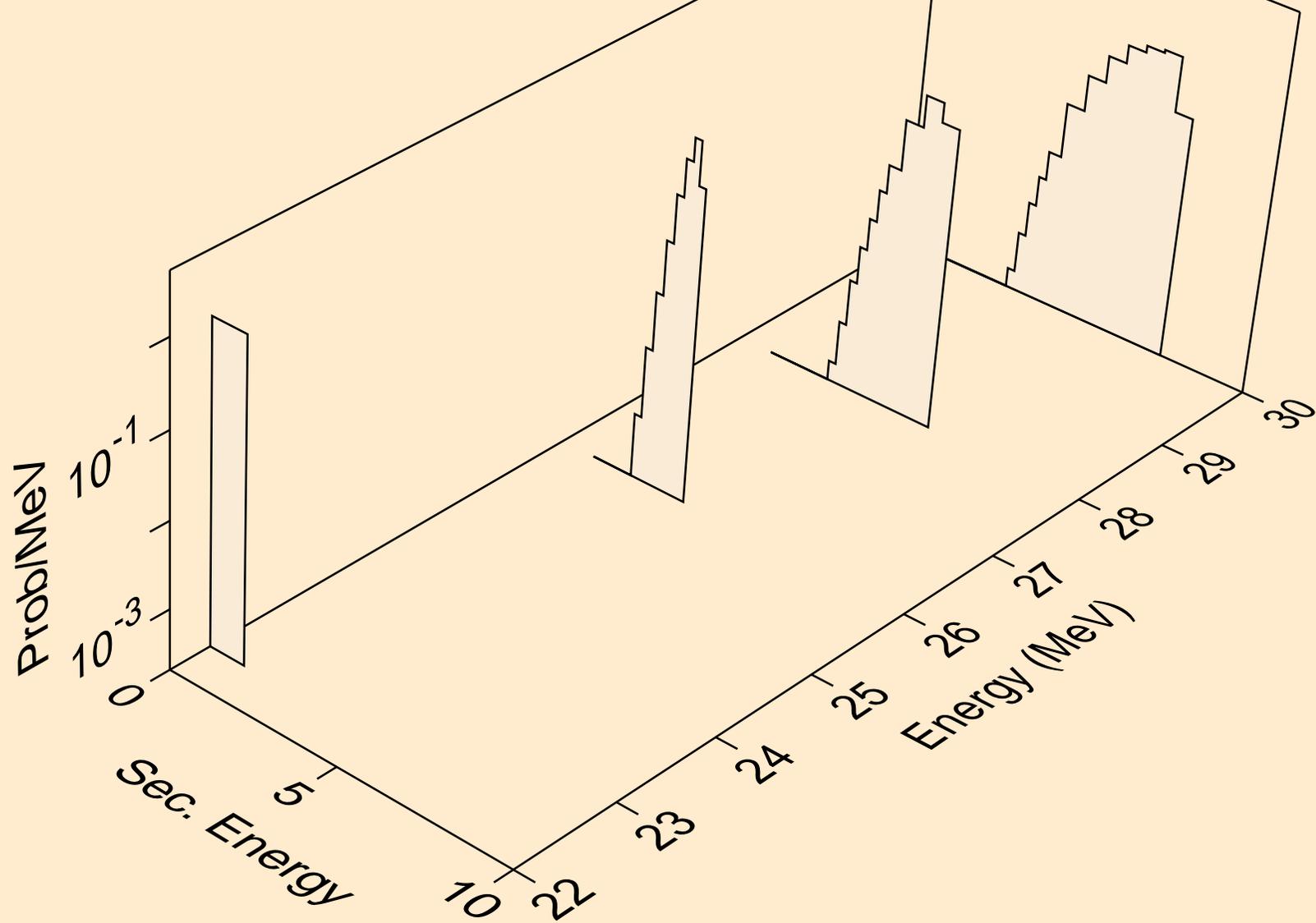
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



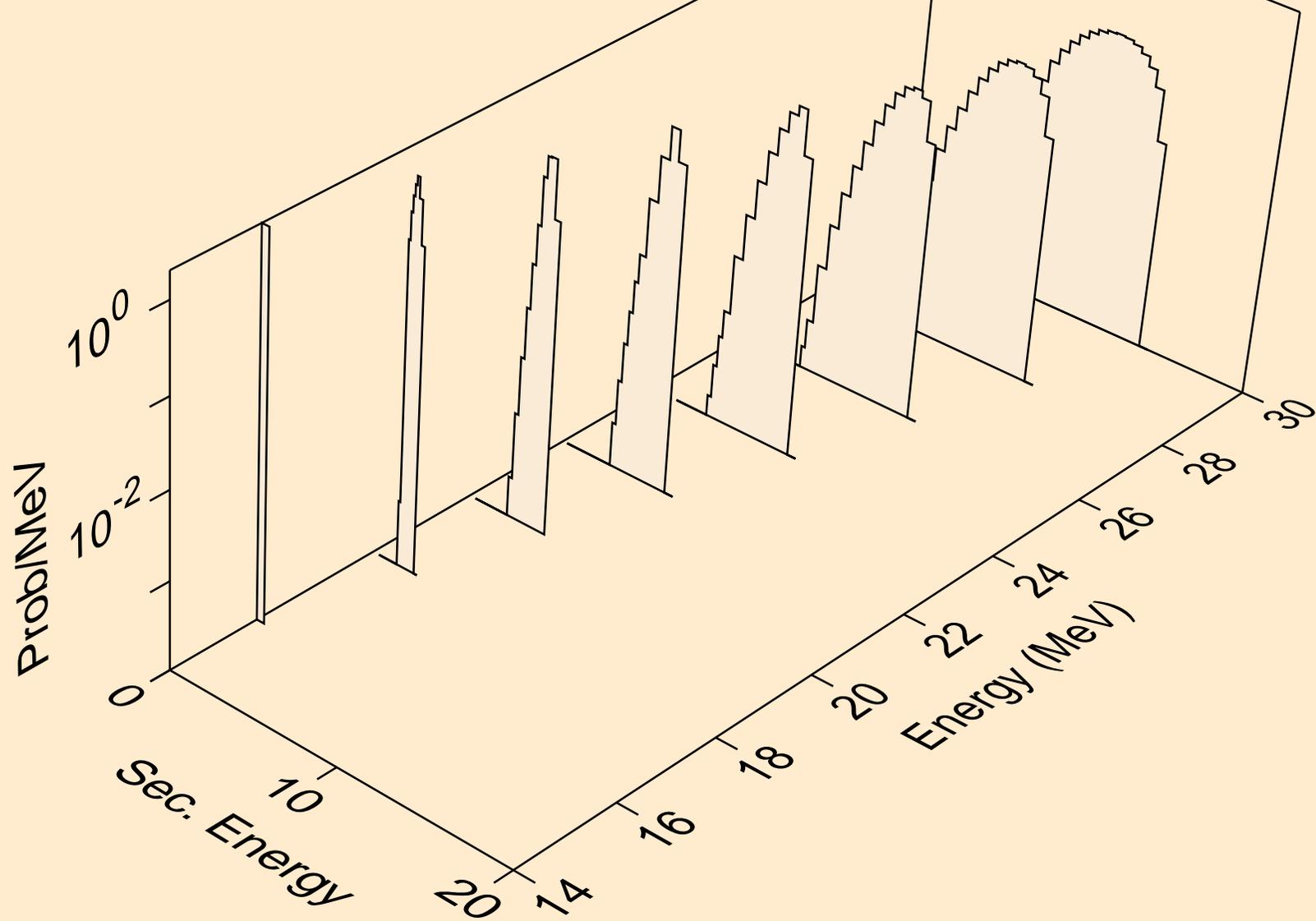
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



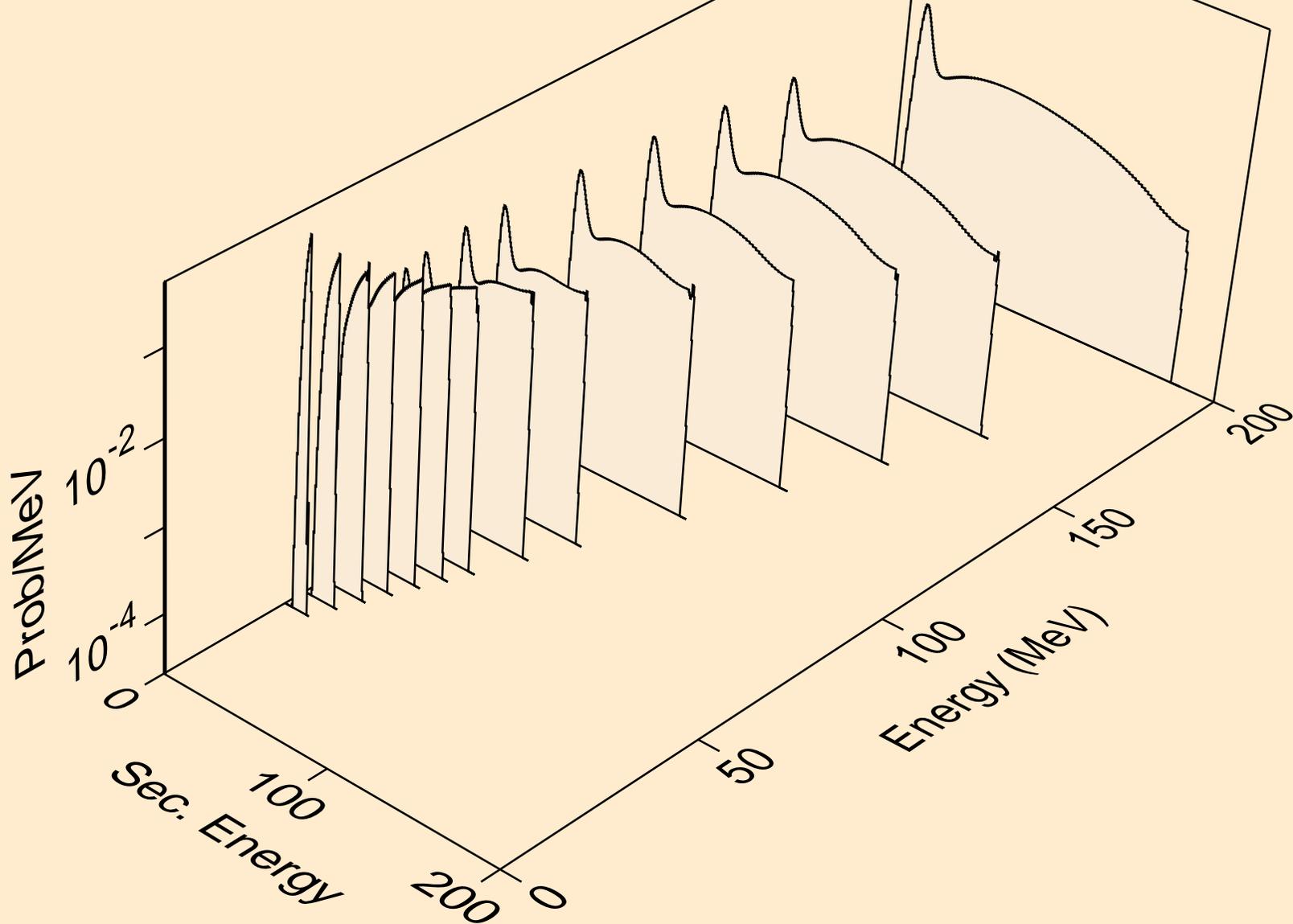
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



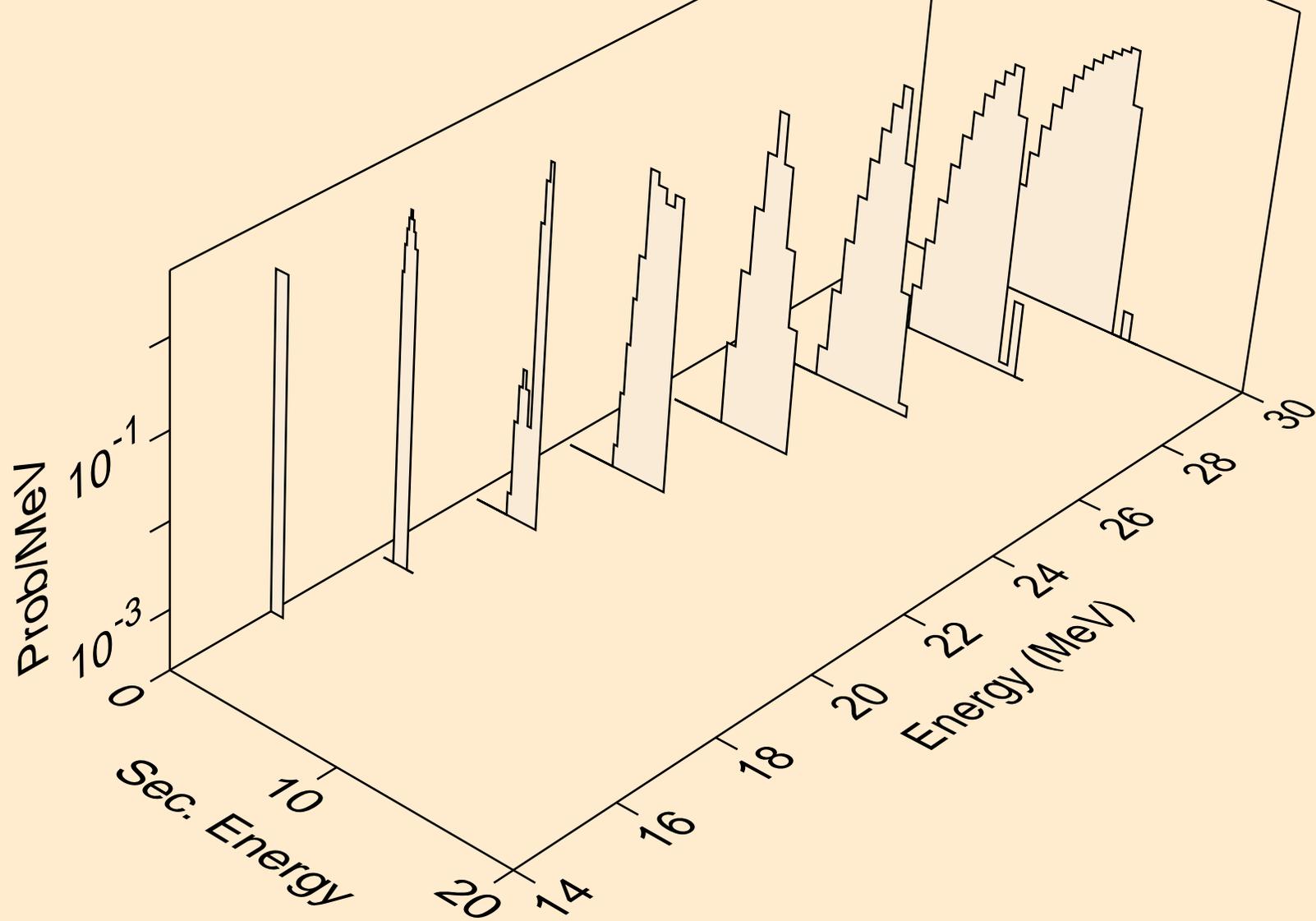
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



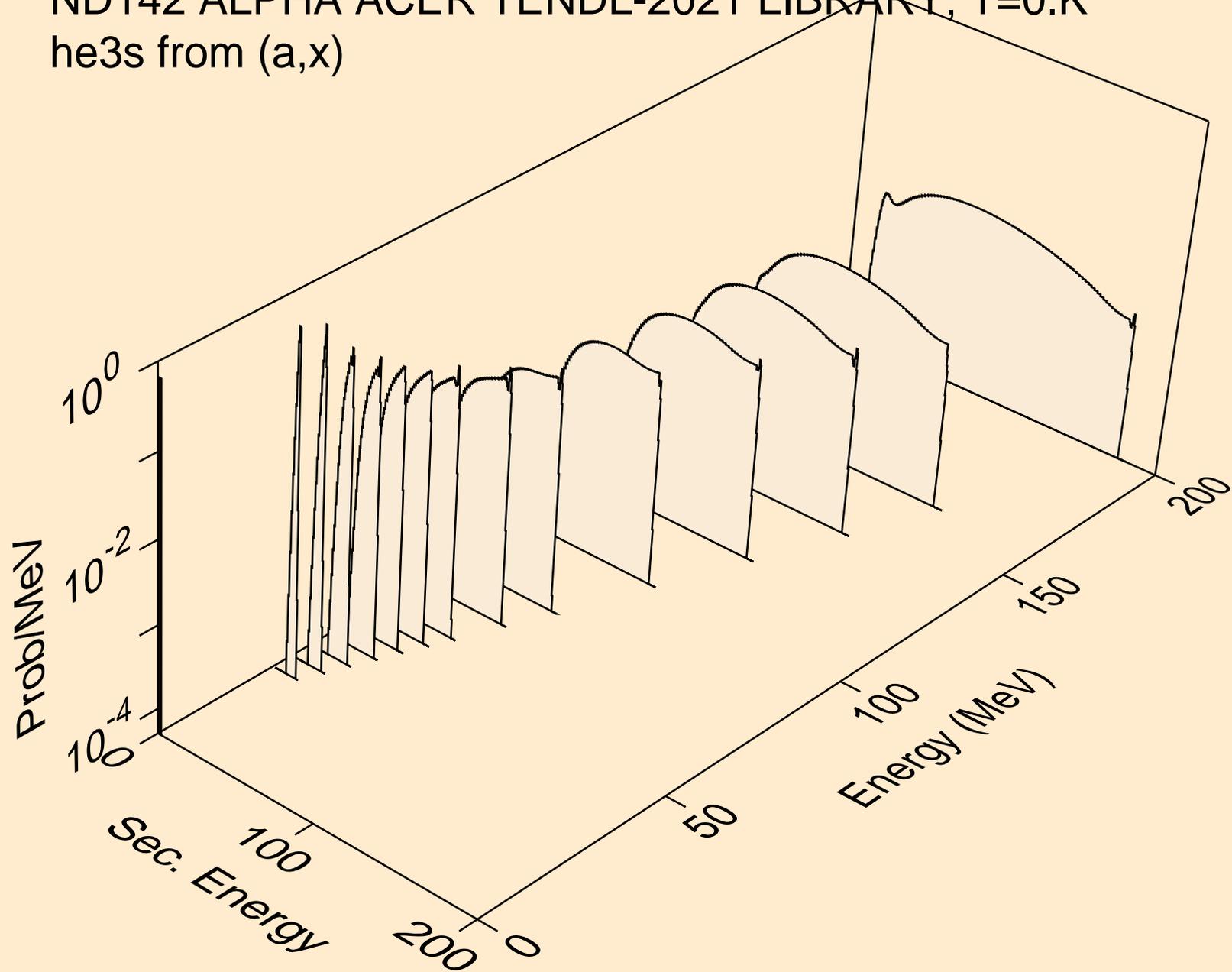
ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



ND142 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

