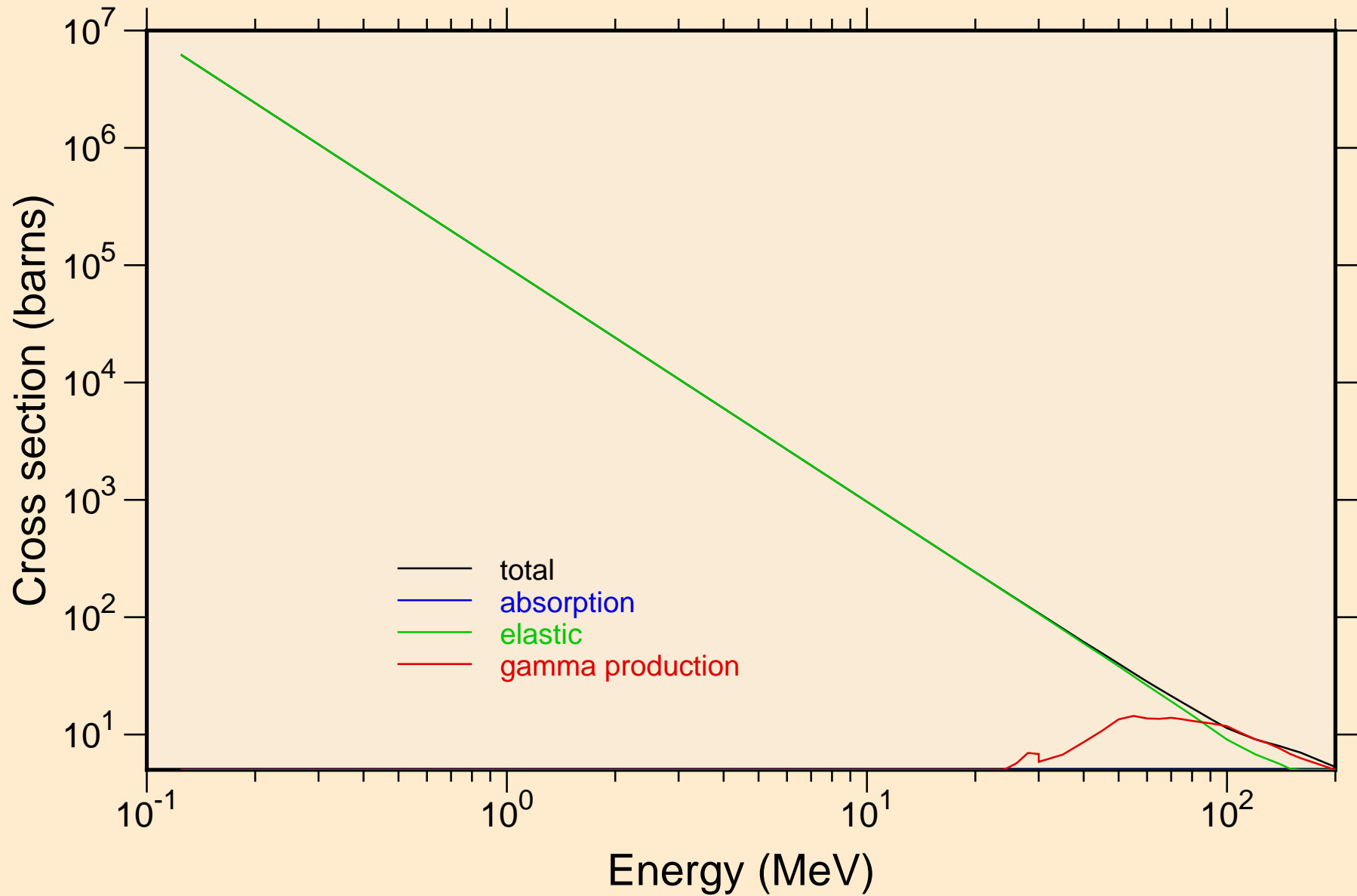
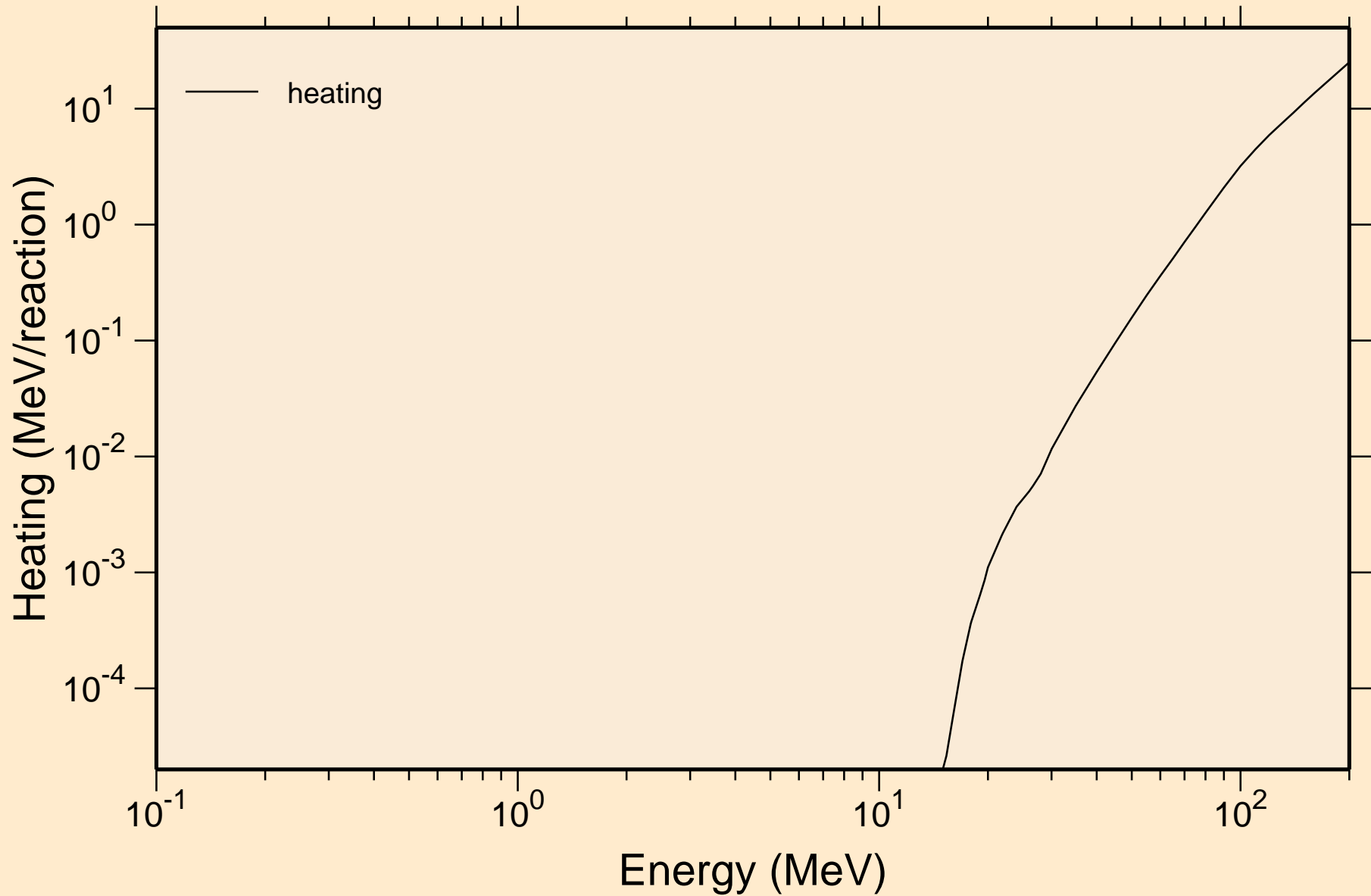


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



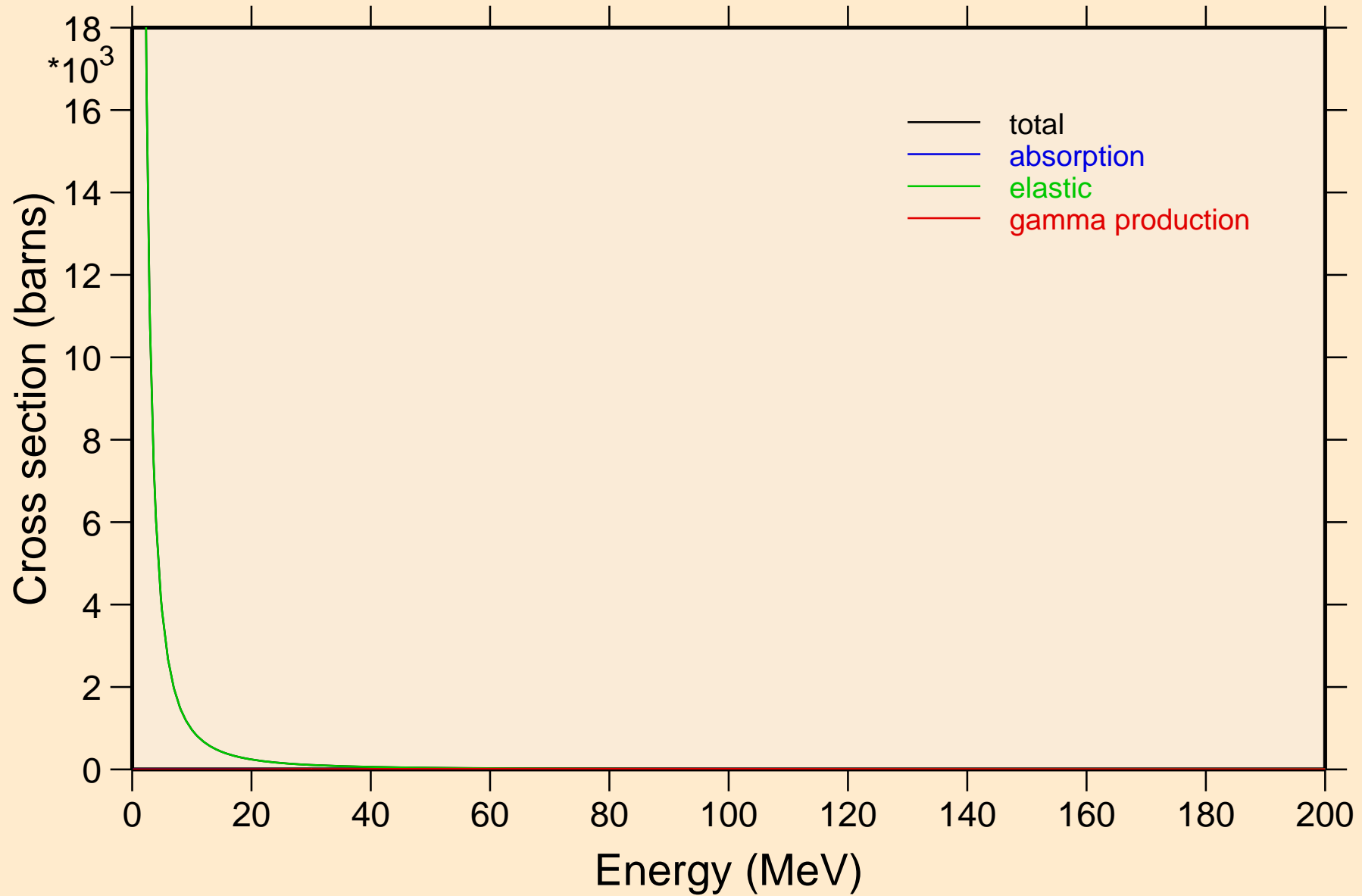
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



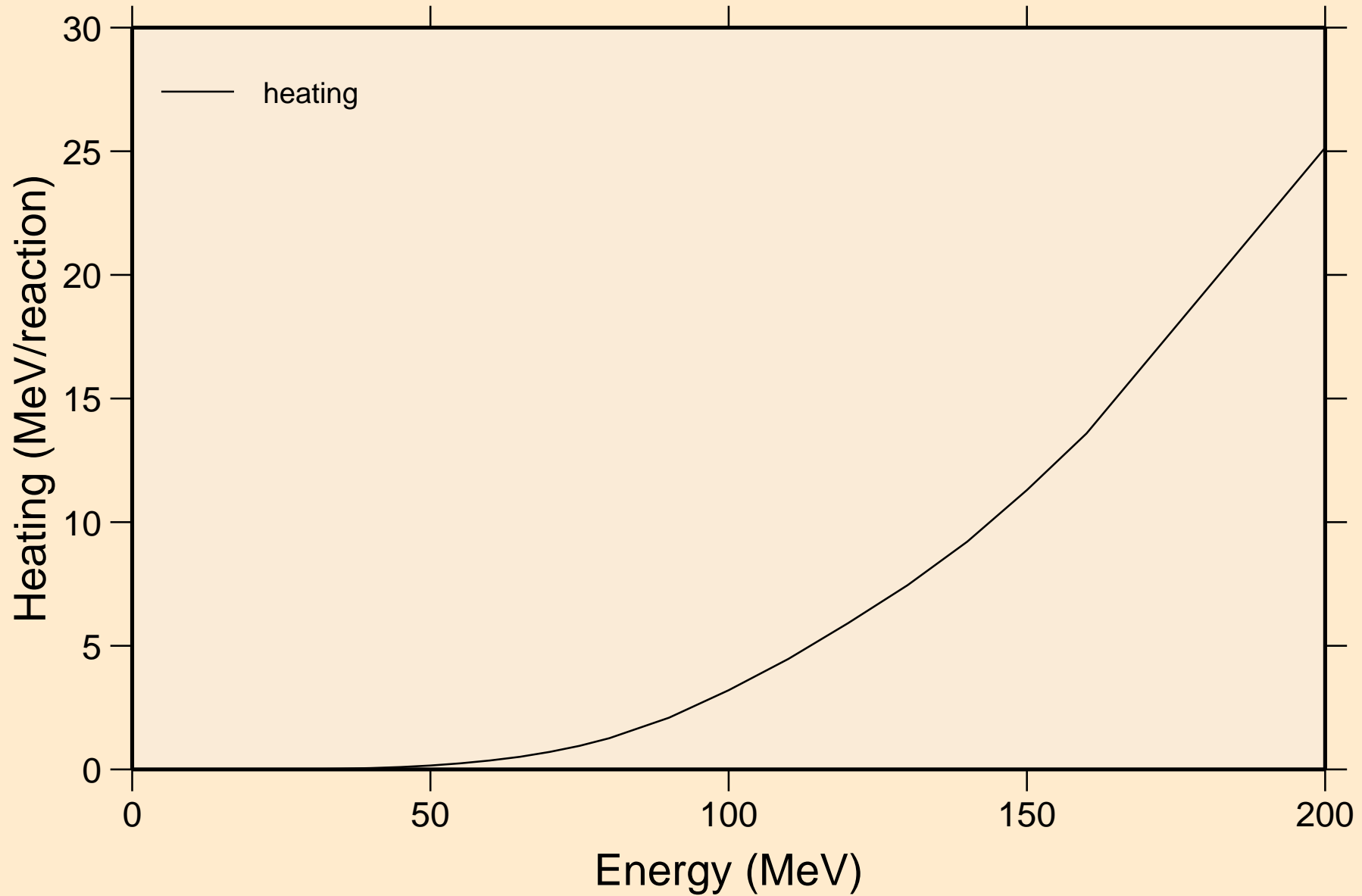
# PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

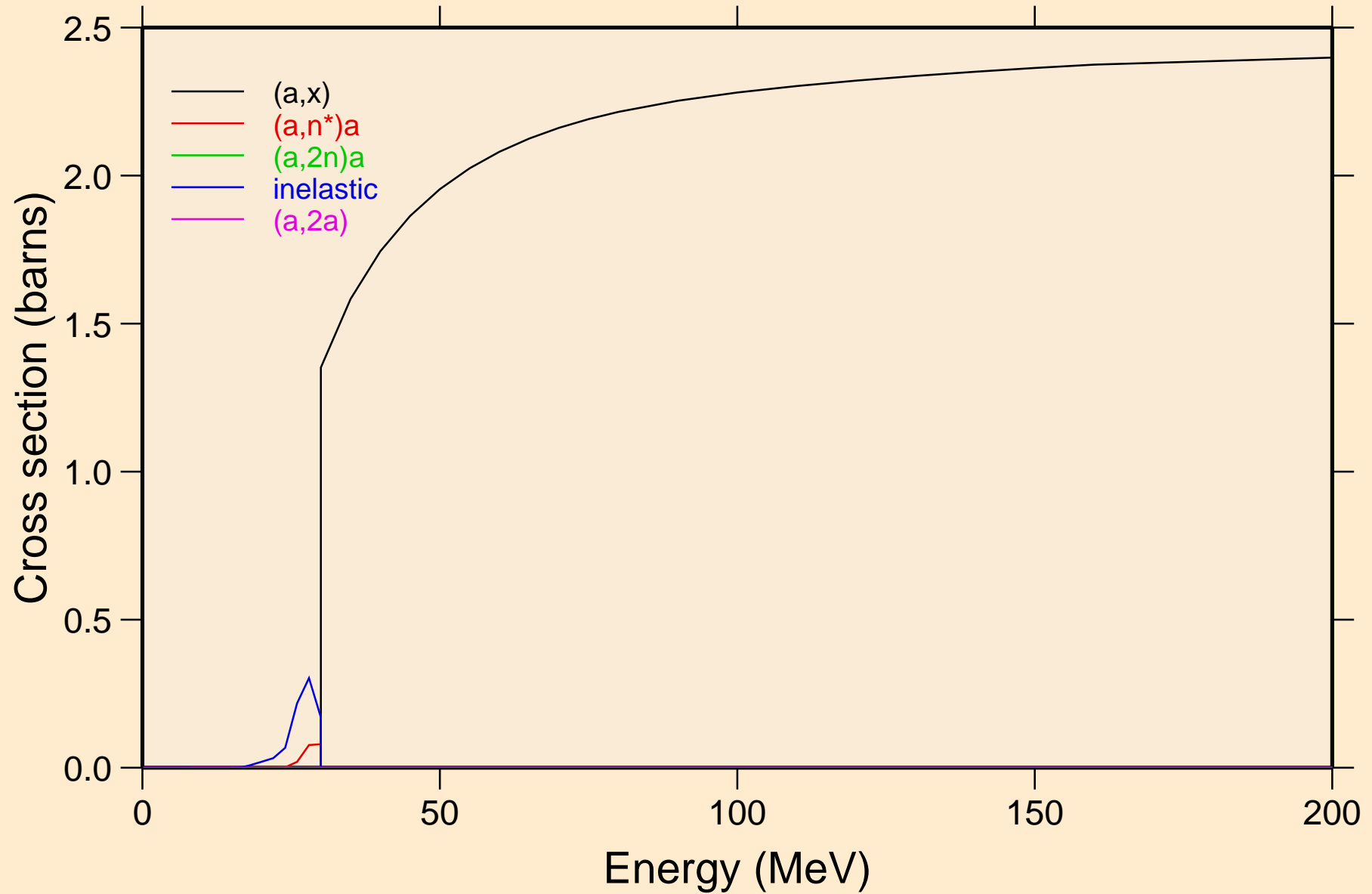


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

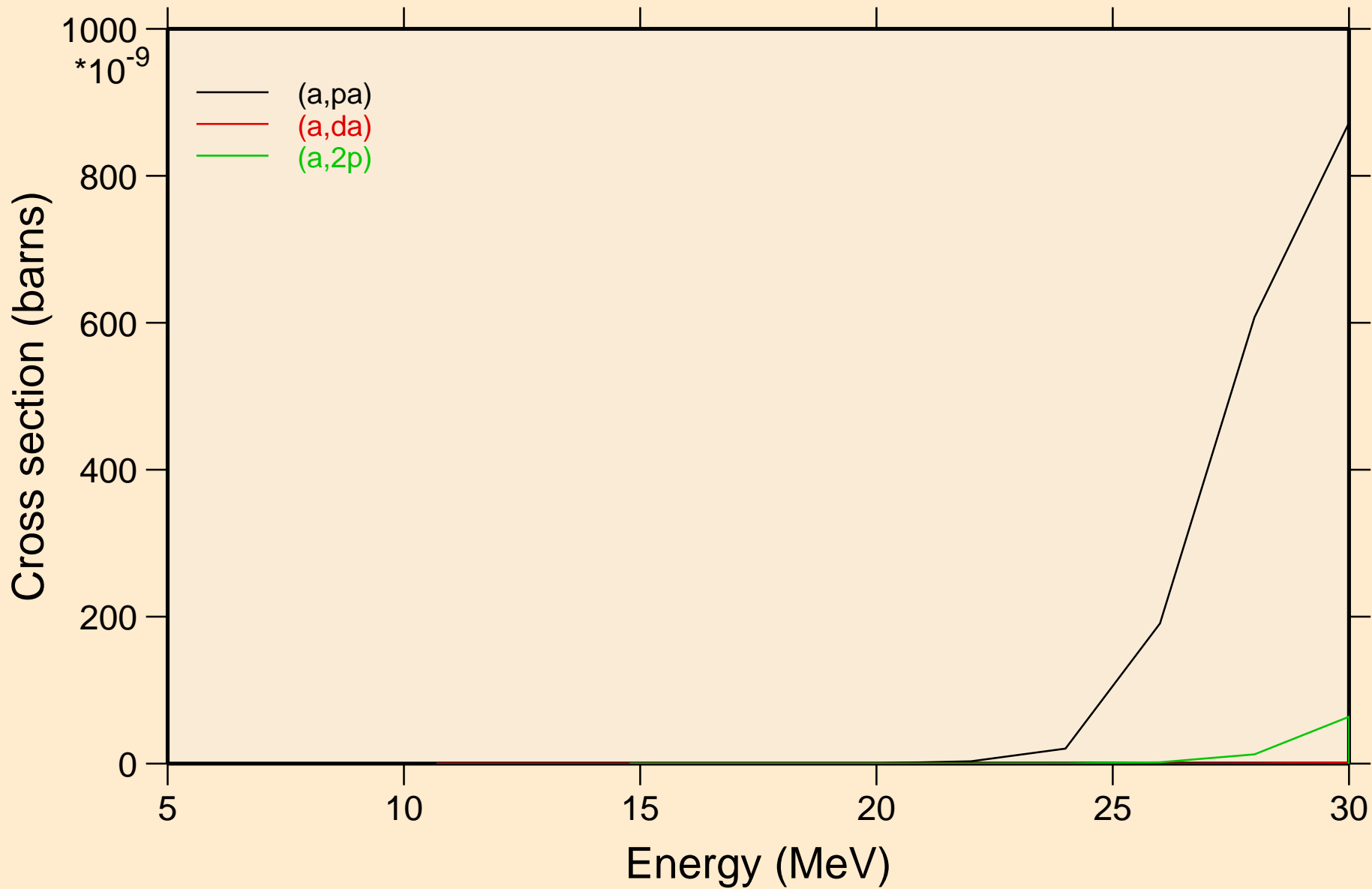
Heating



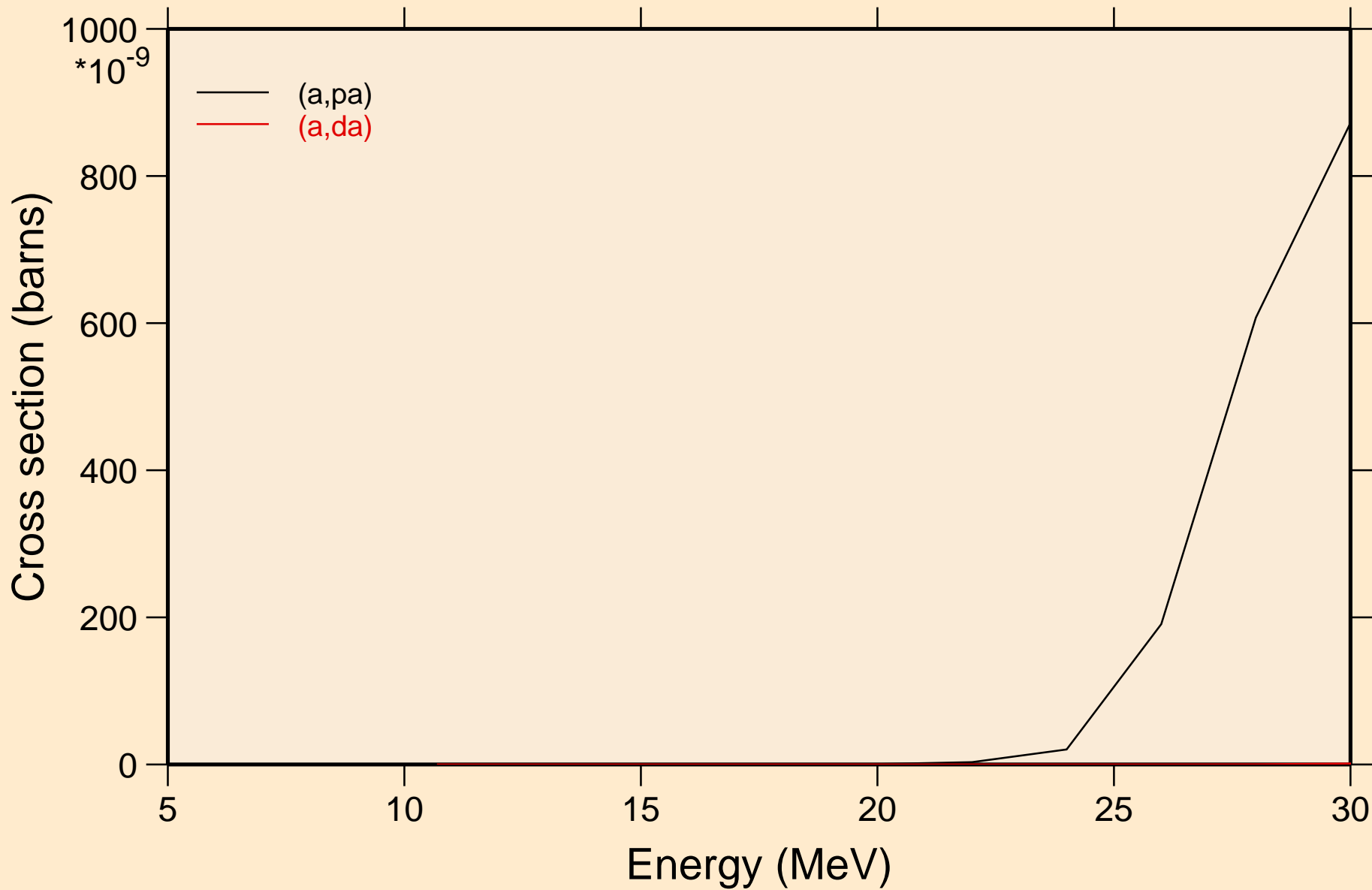
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



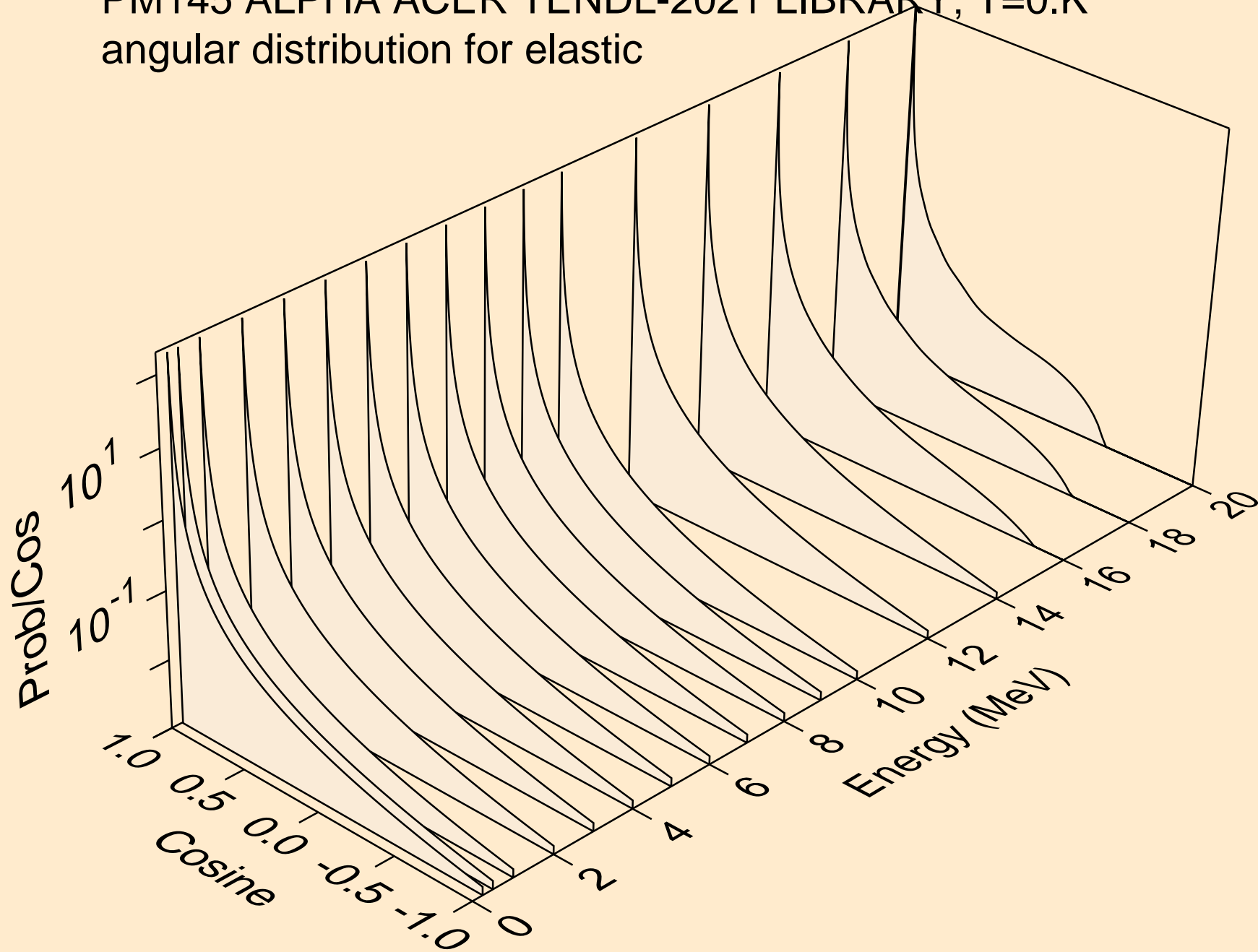
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

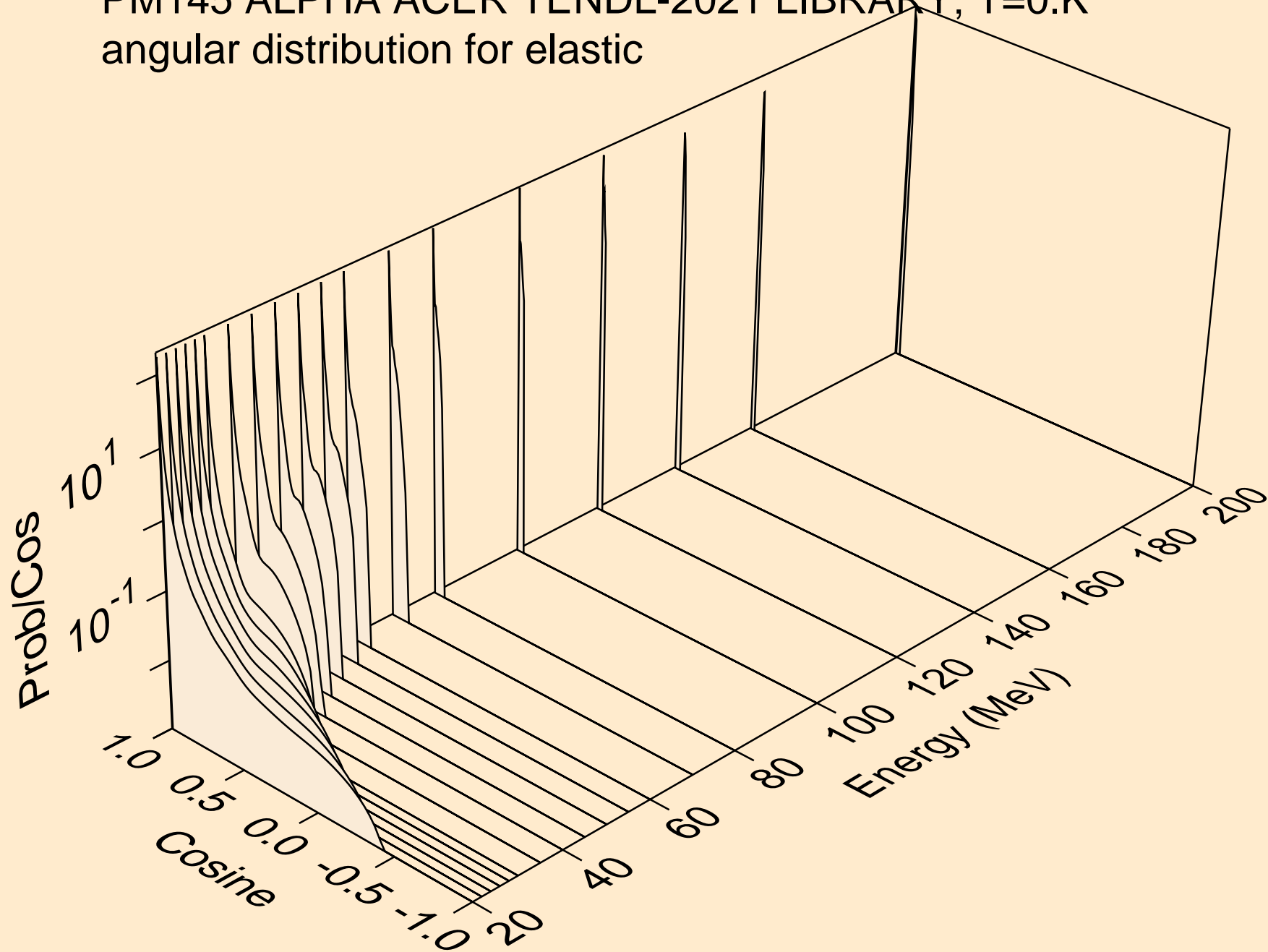


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

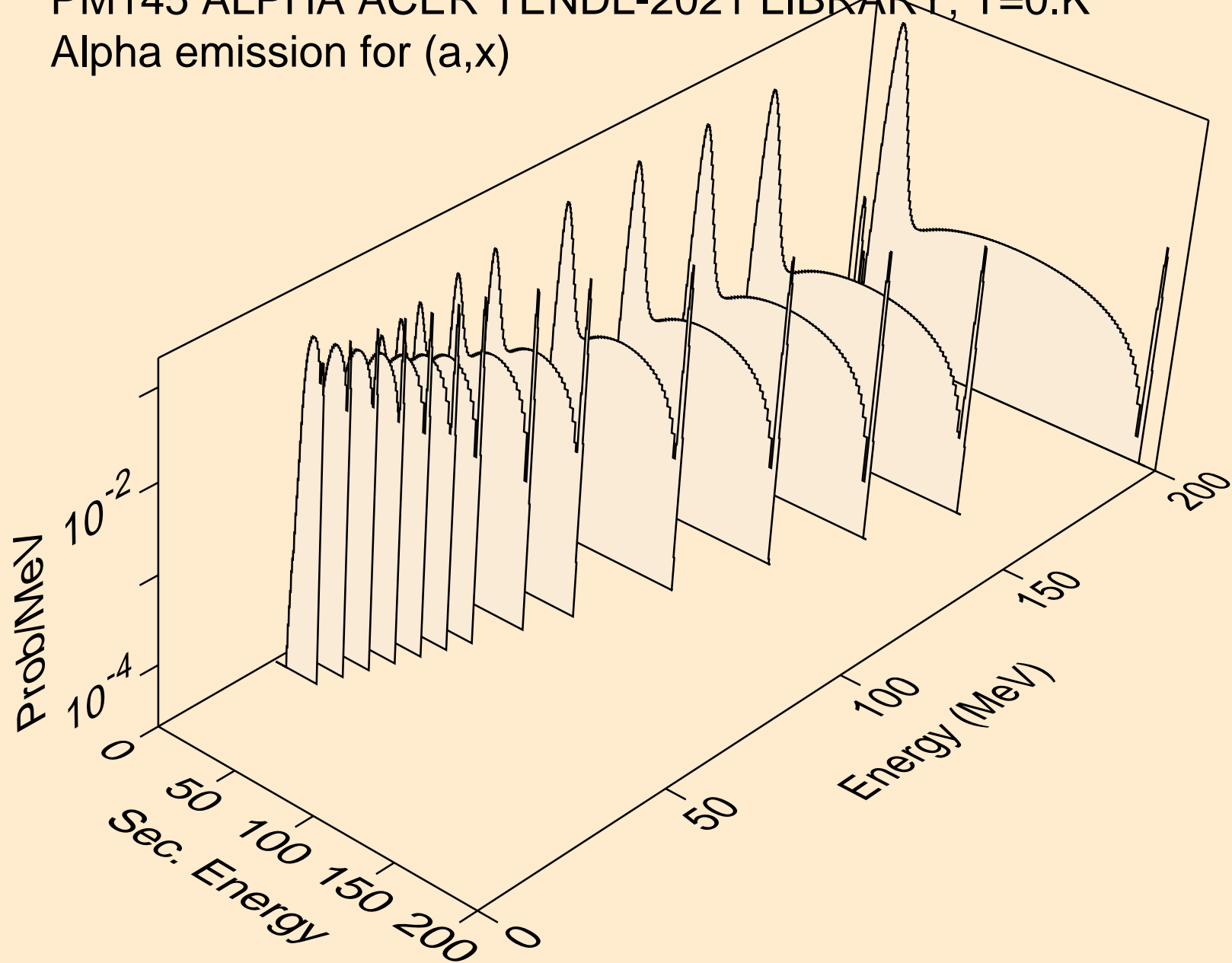




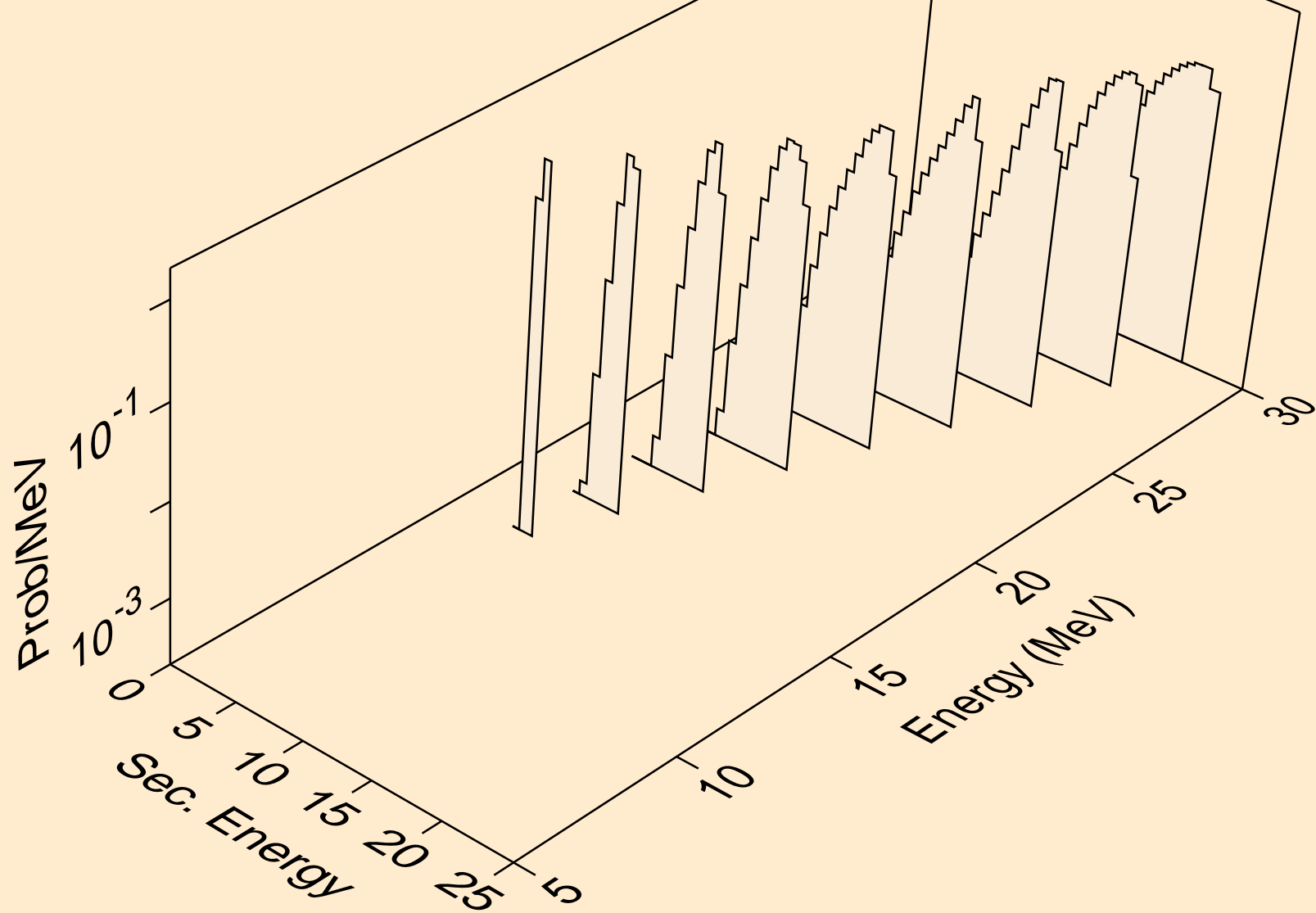
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



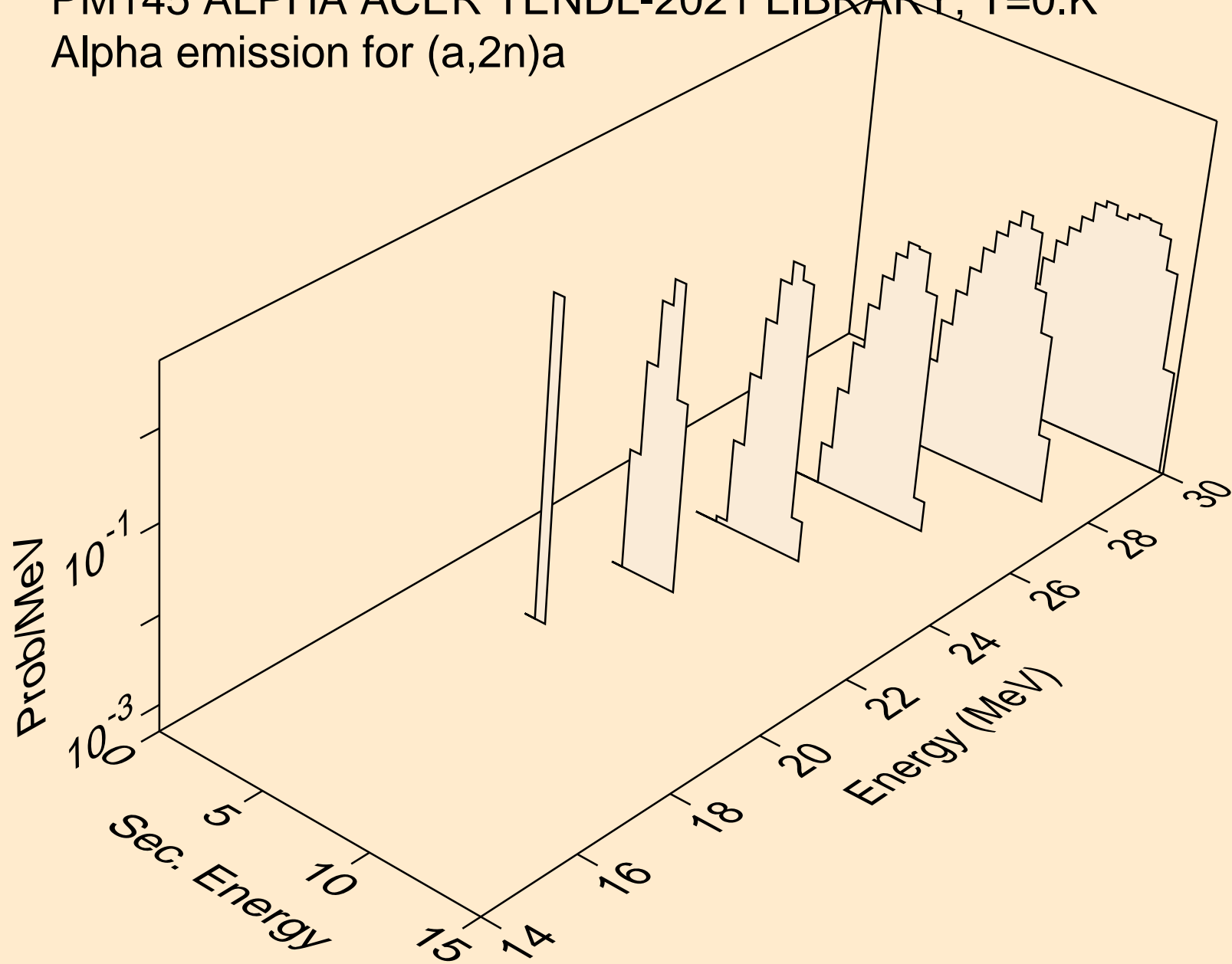
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



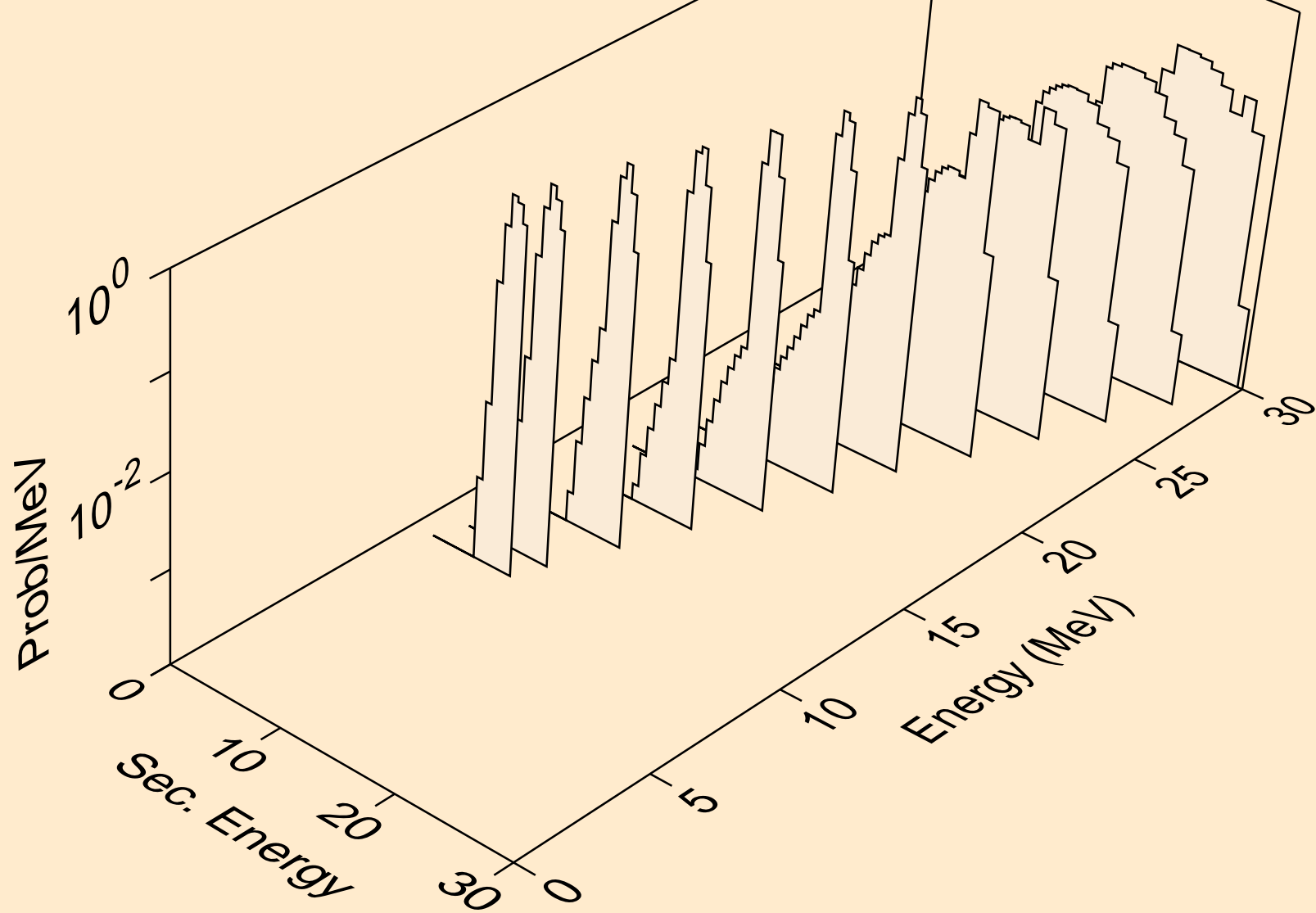
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



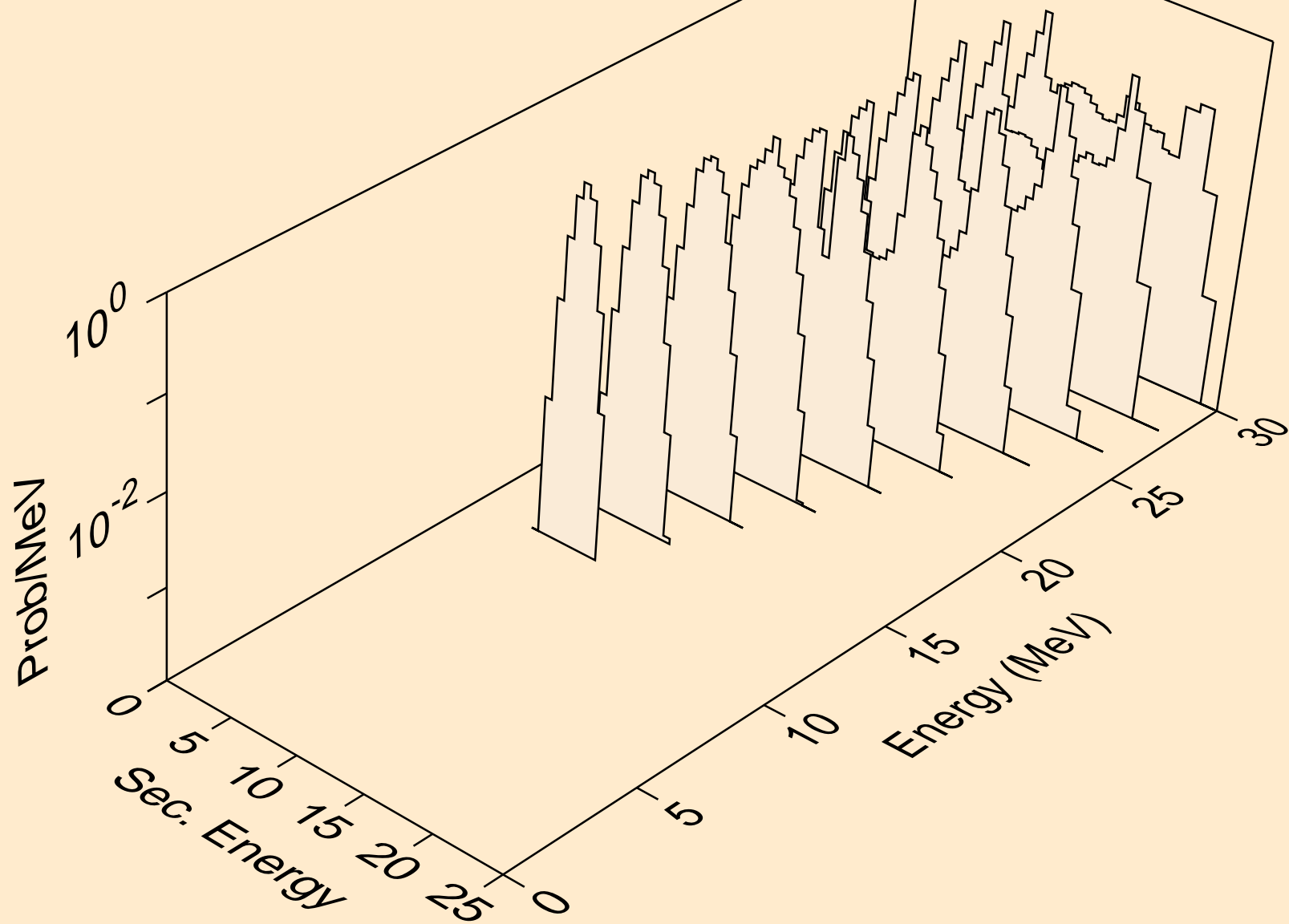
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



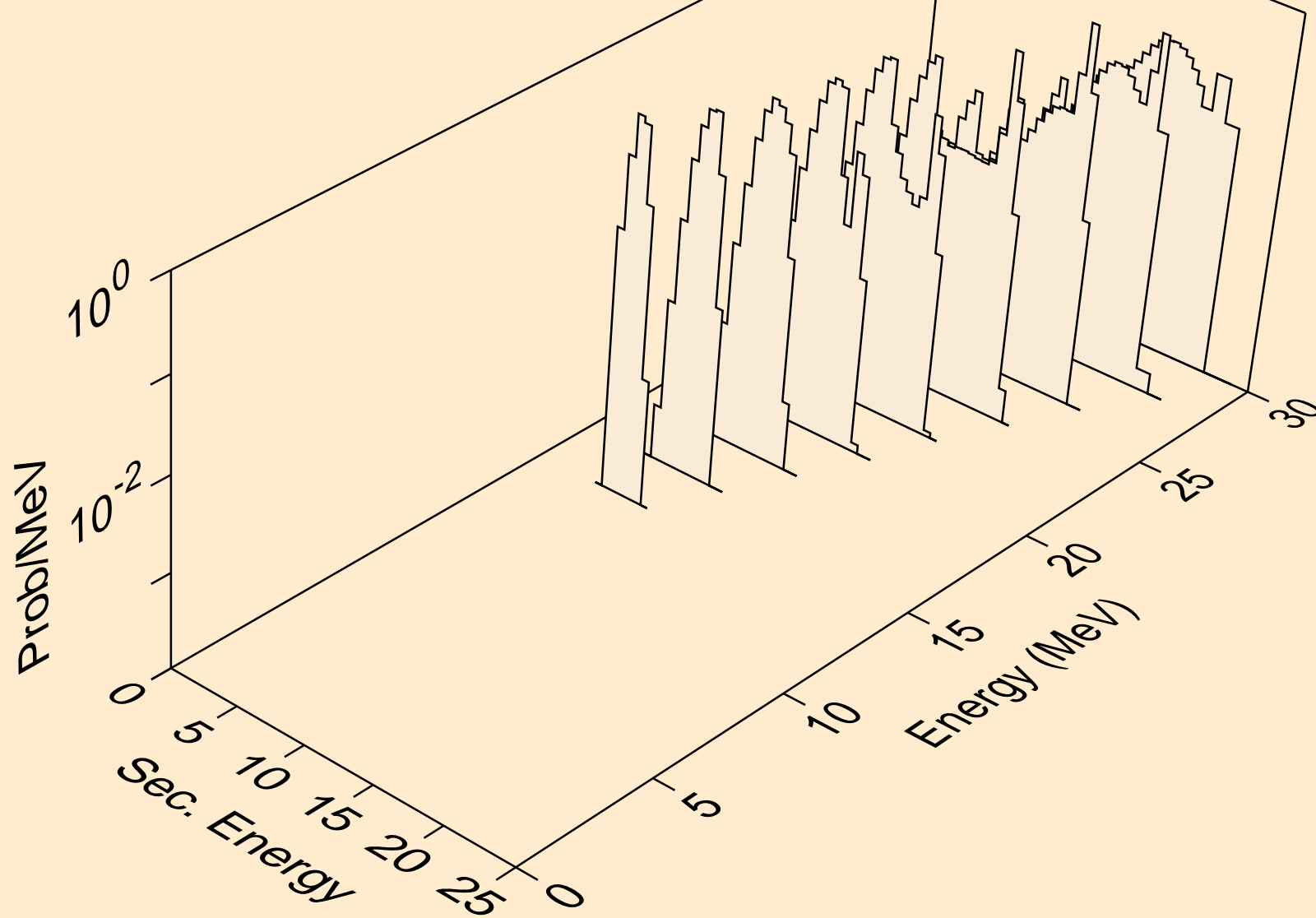
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



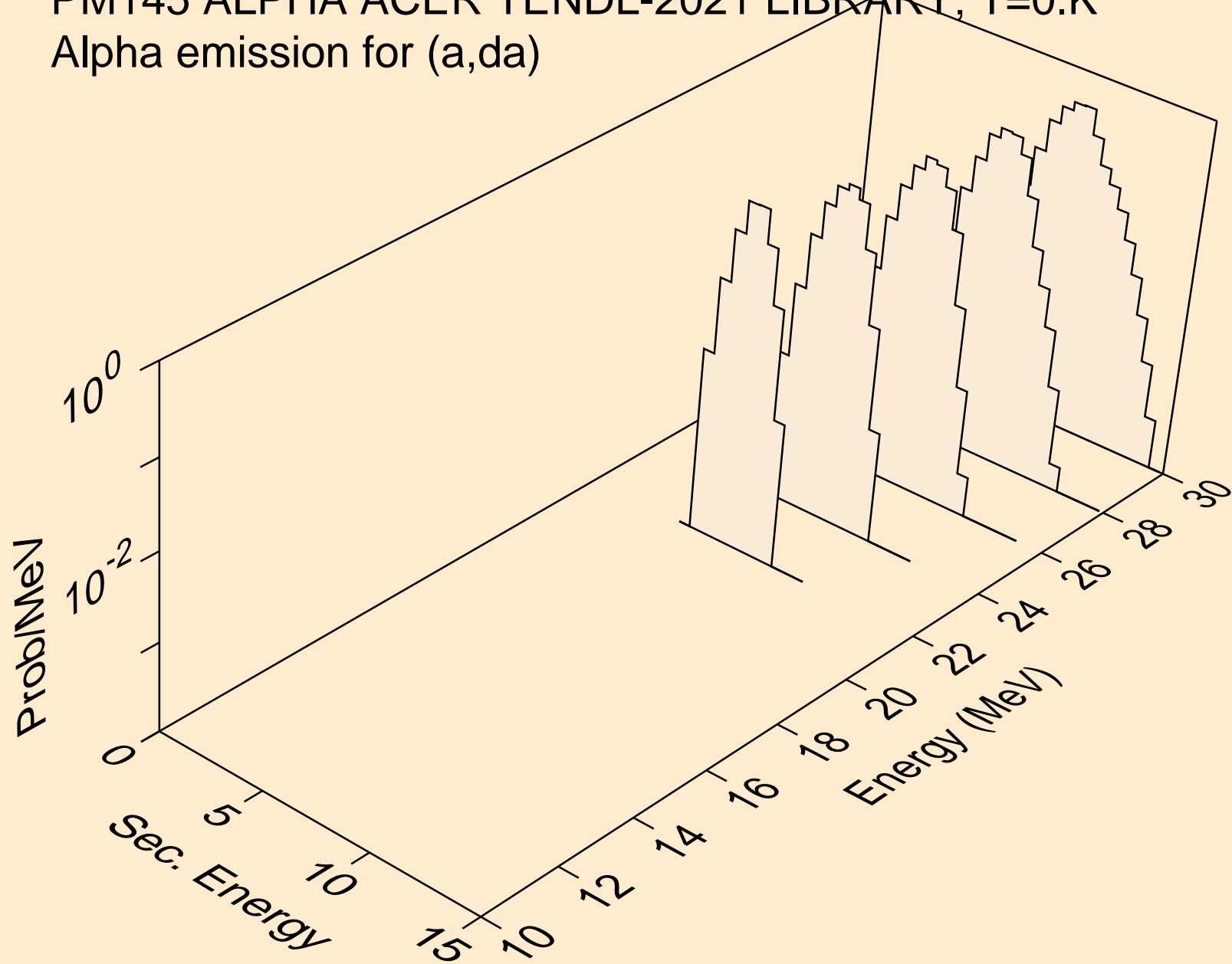
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

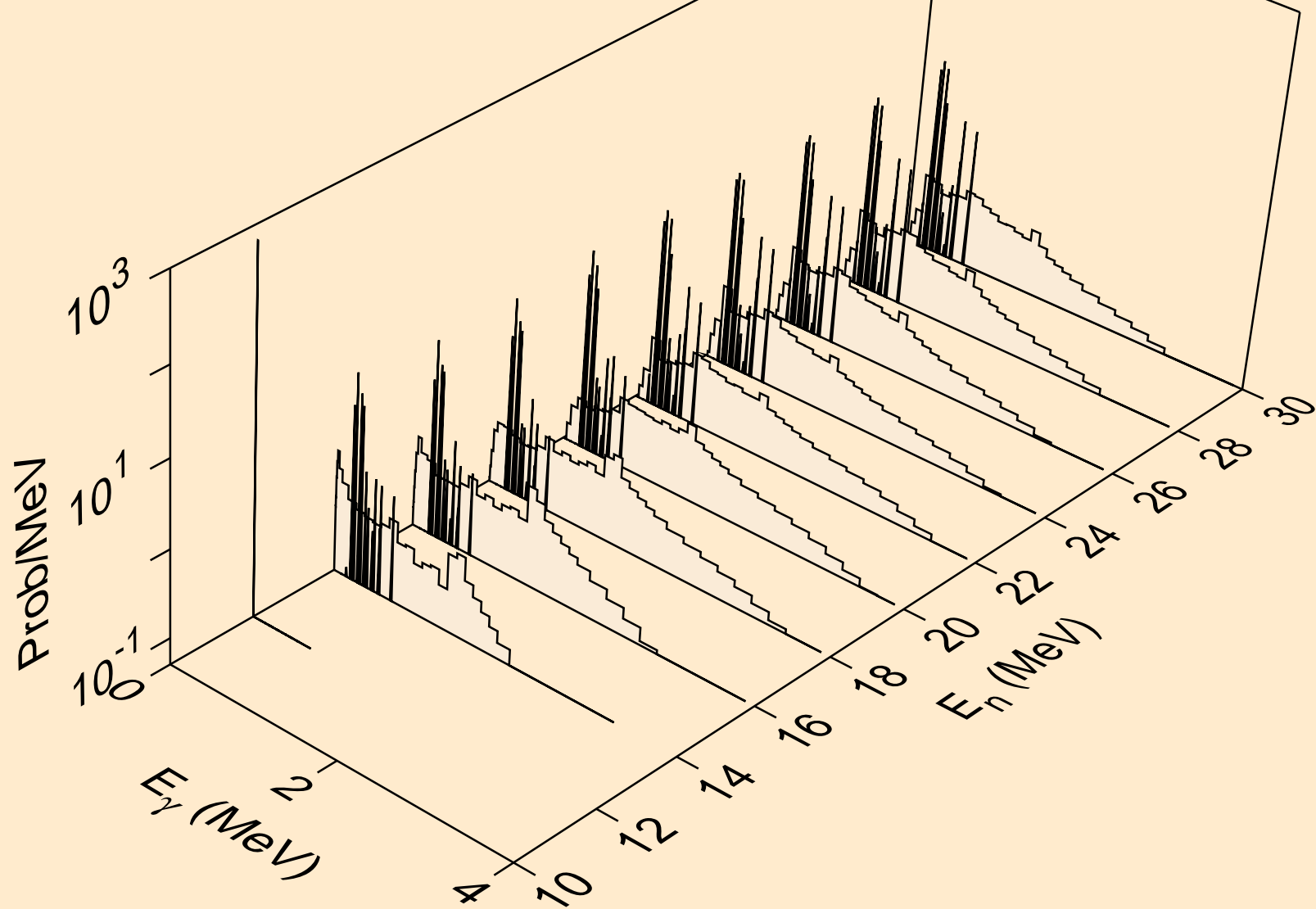


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

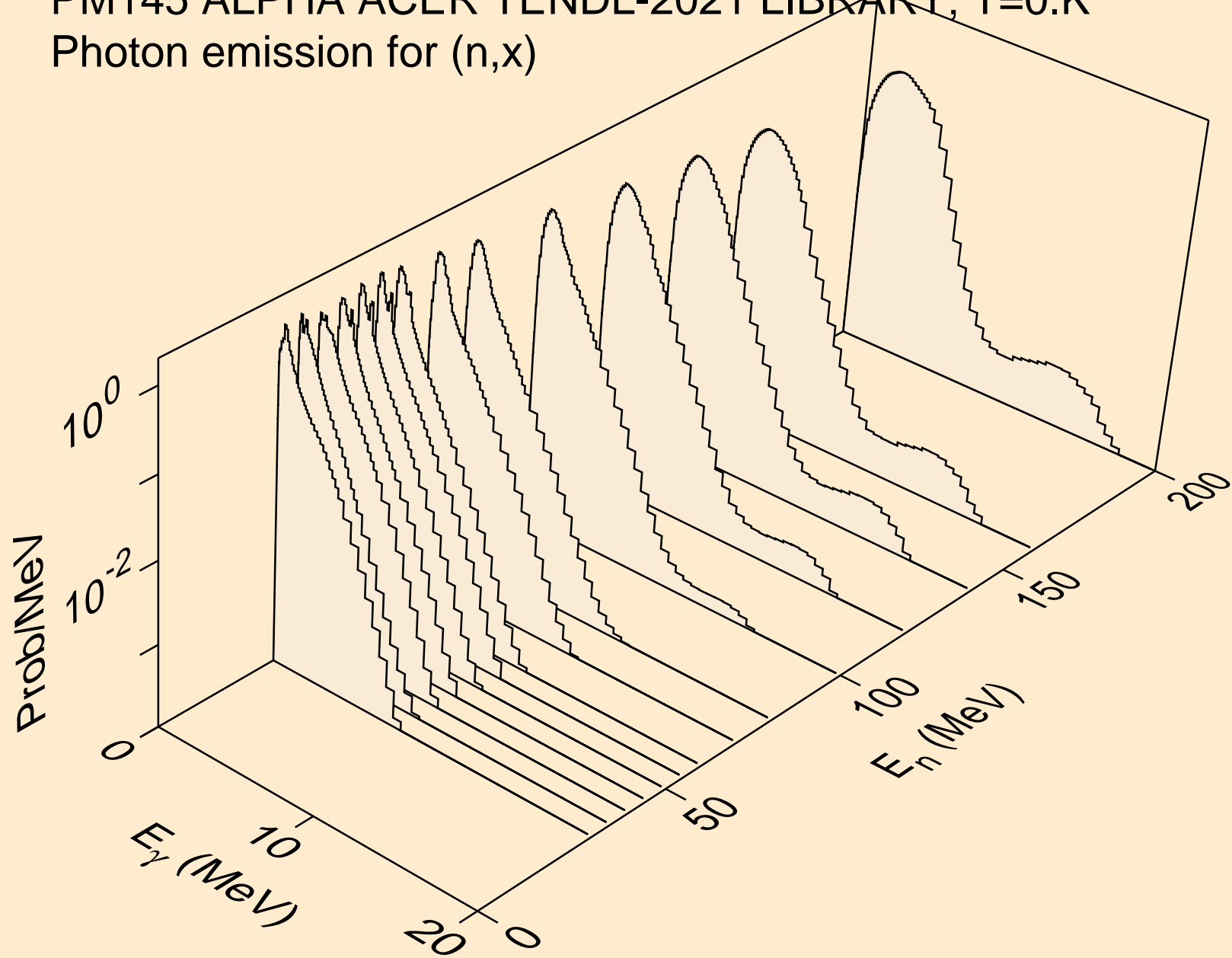




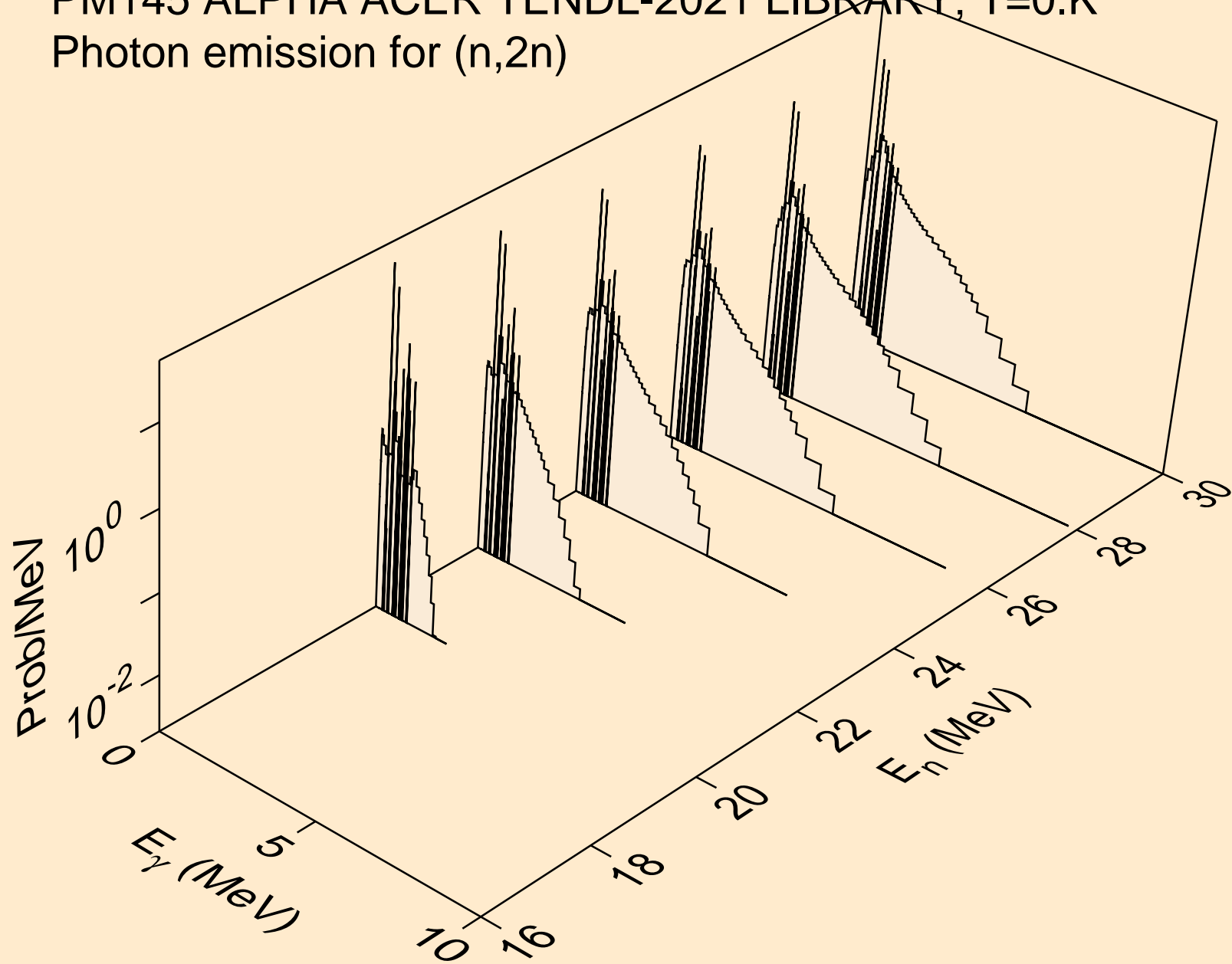
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



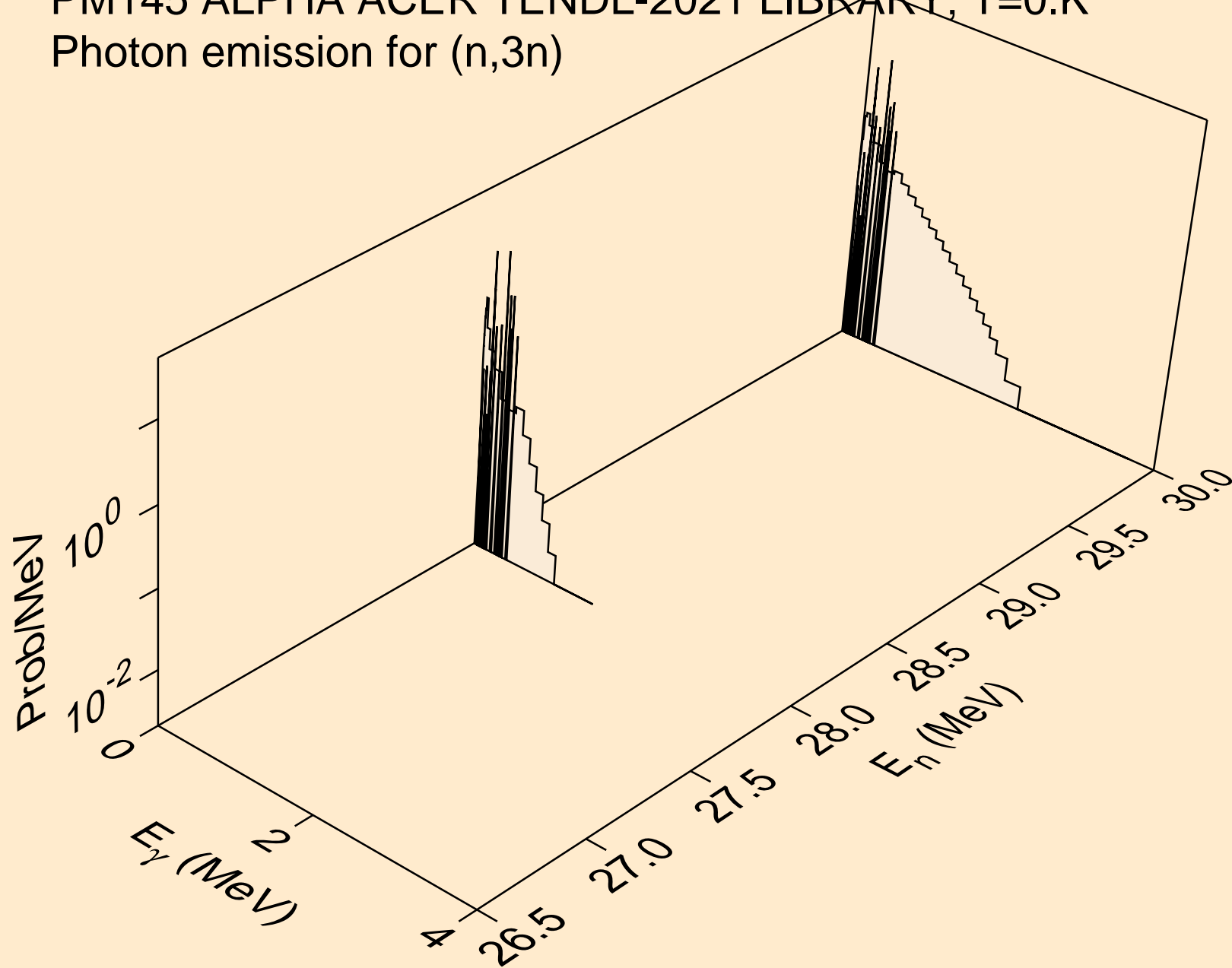
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



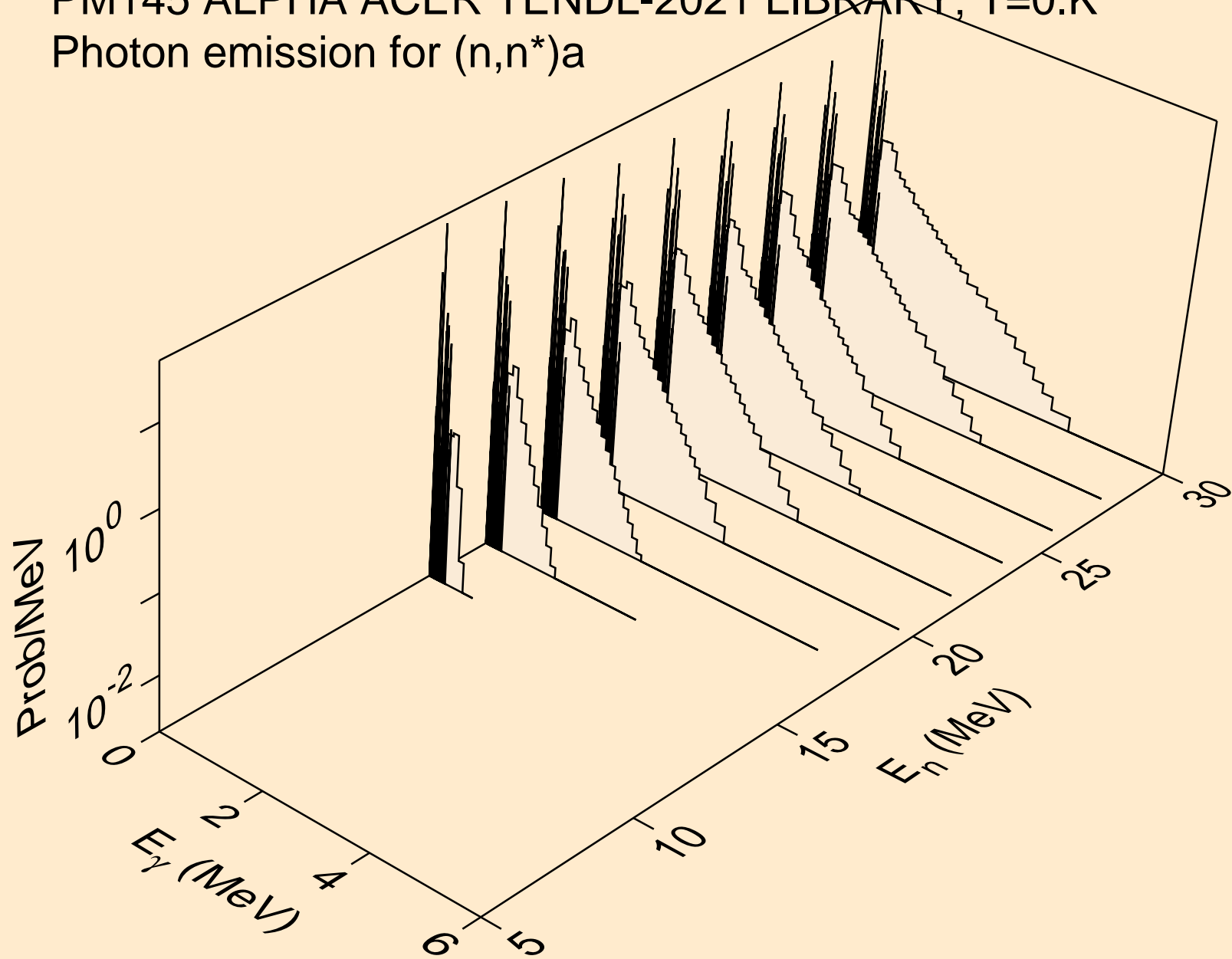
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



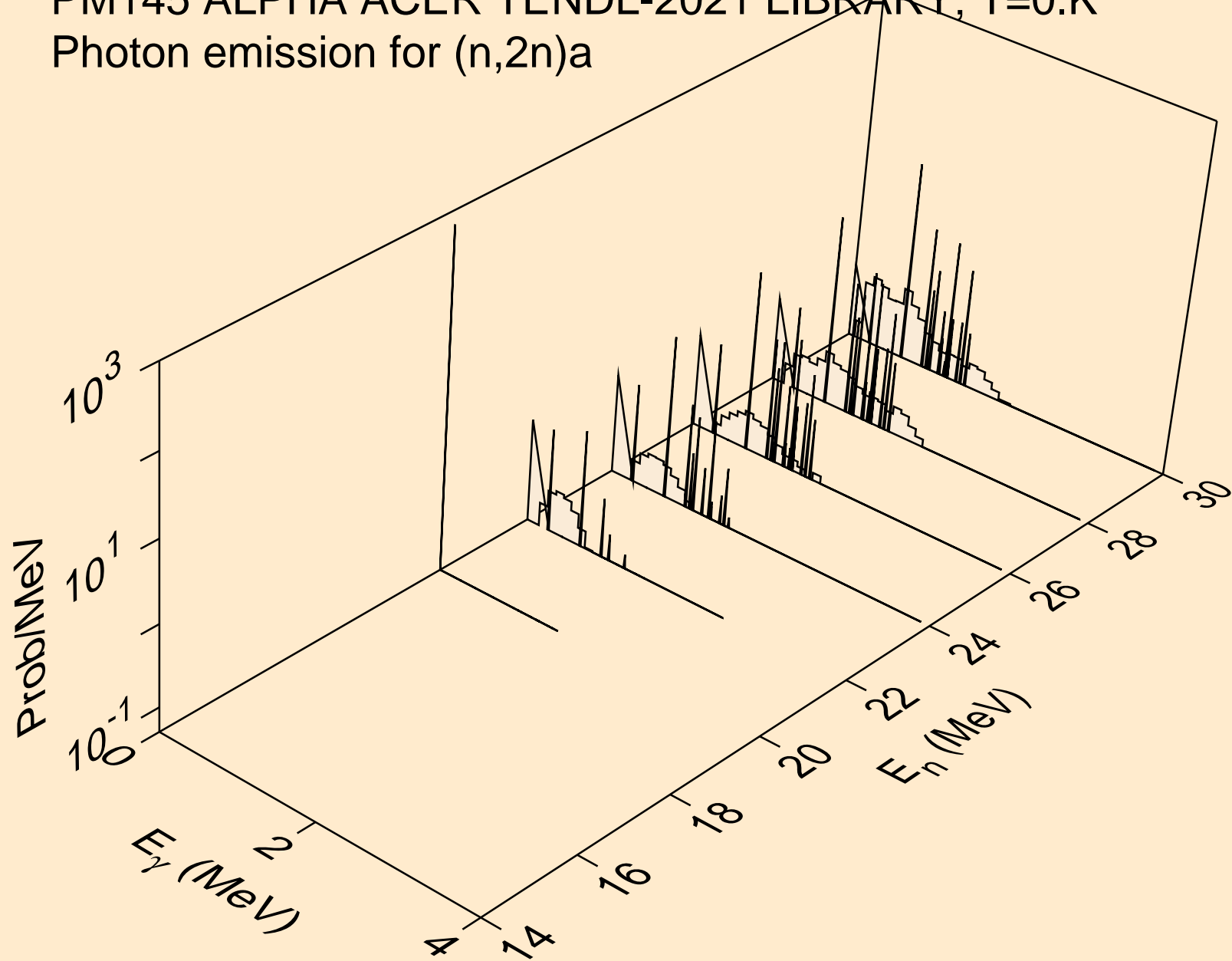
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



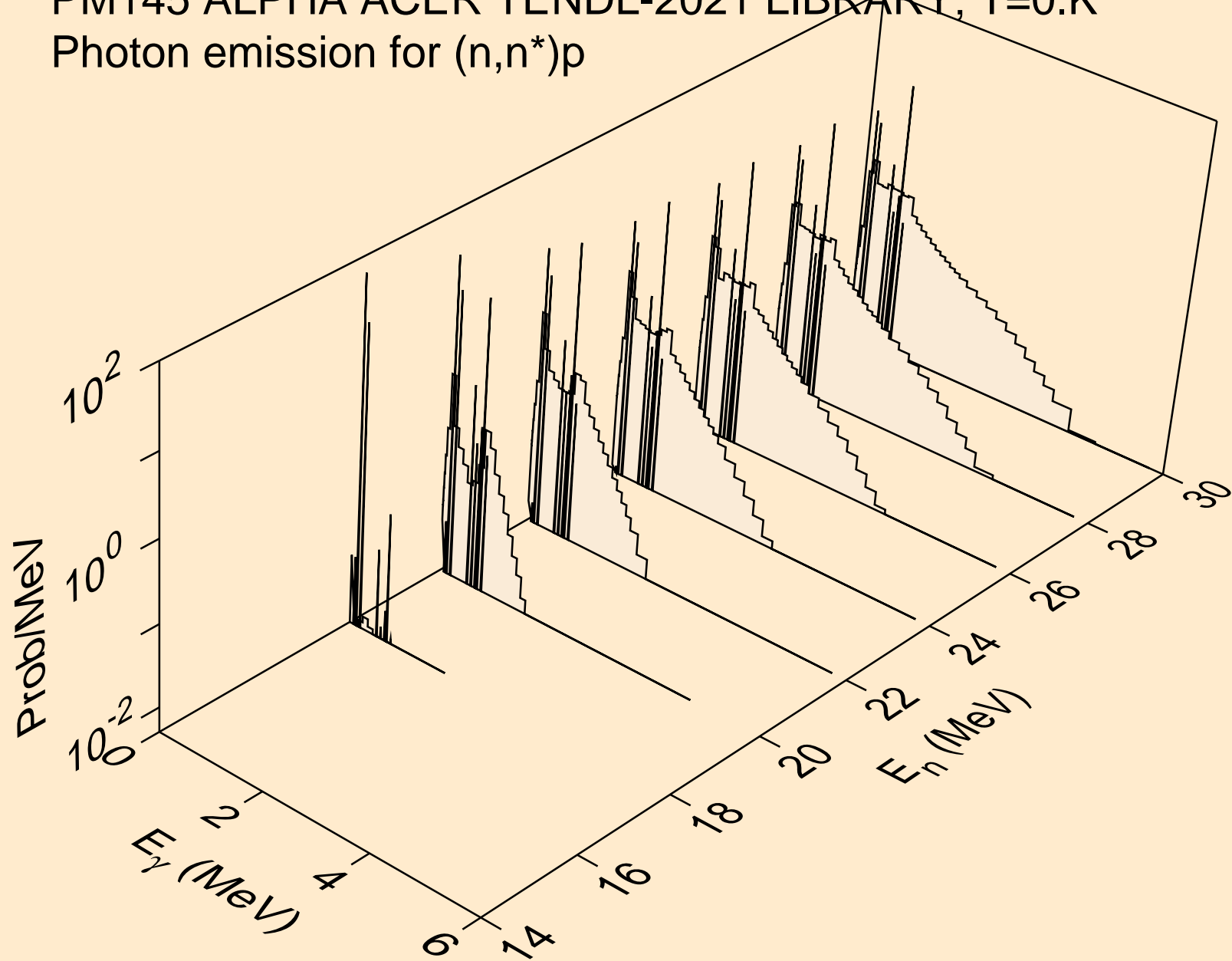
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



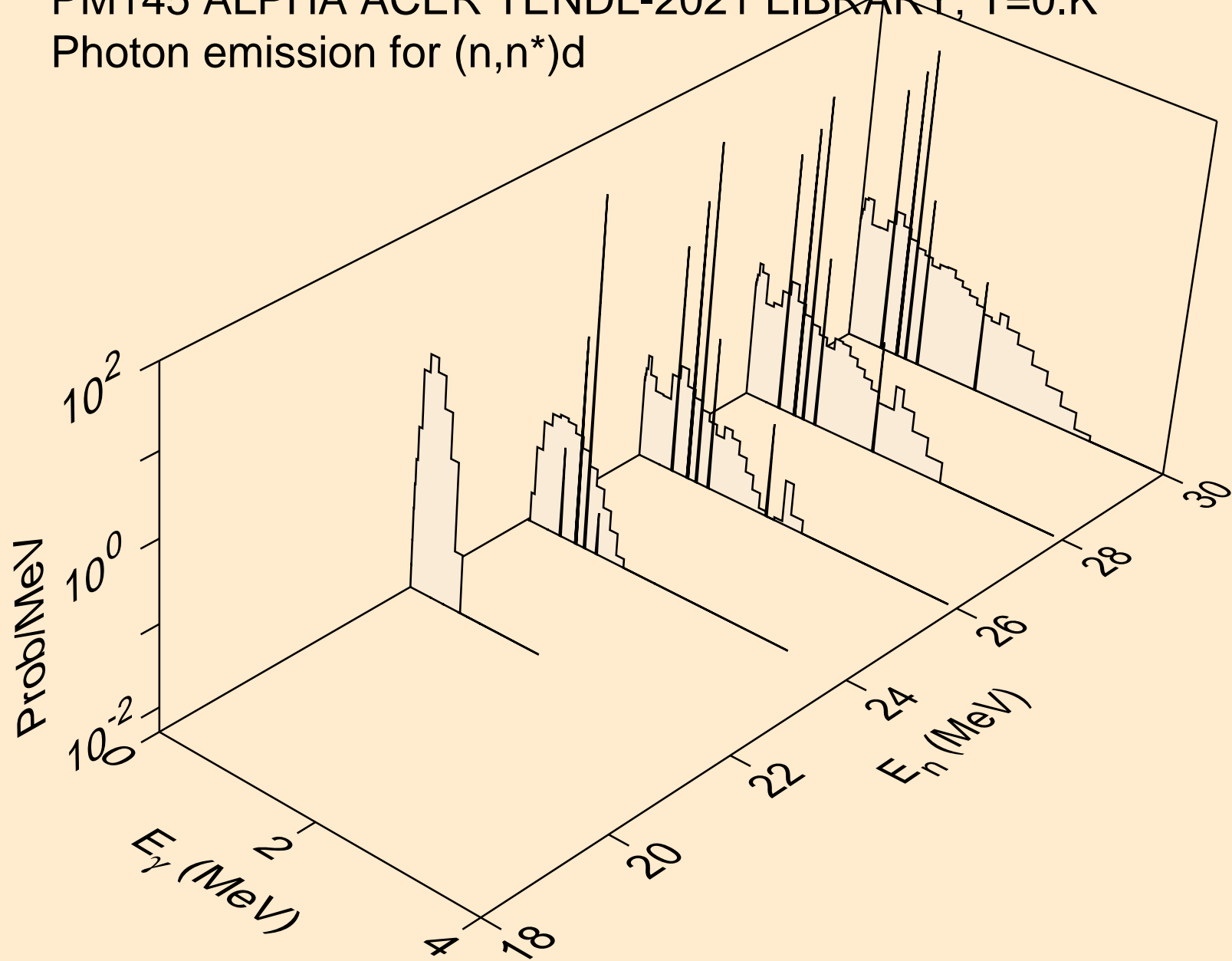
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

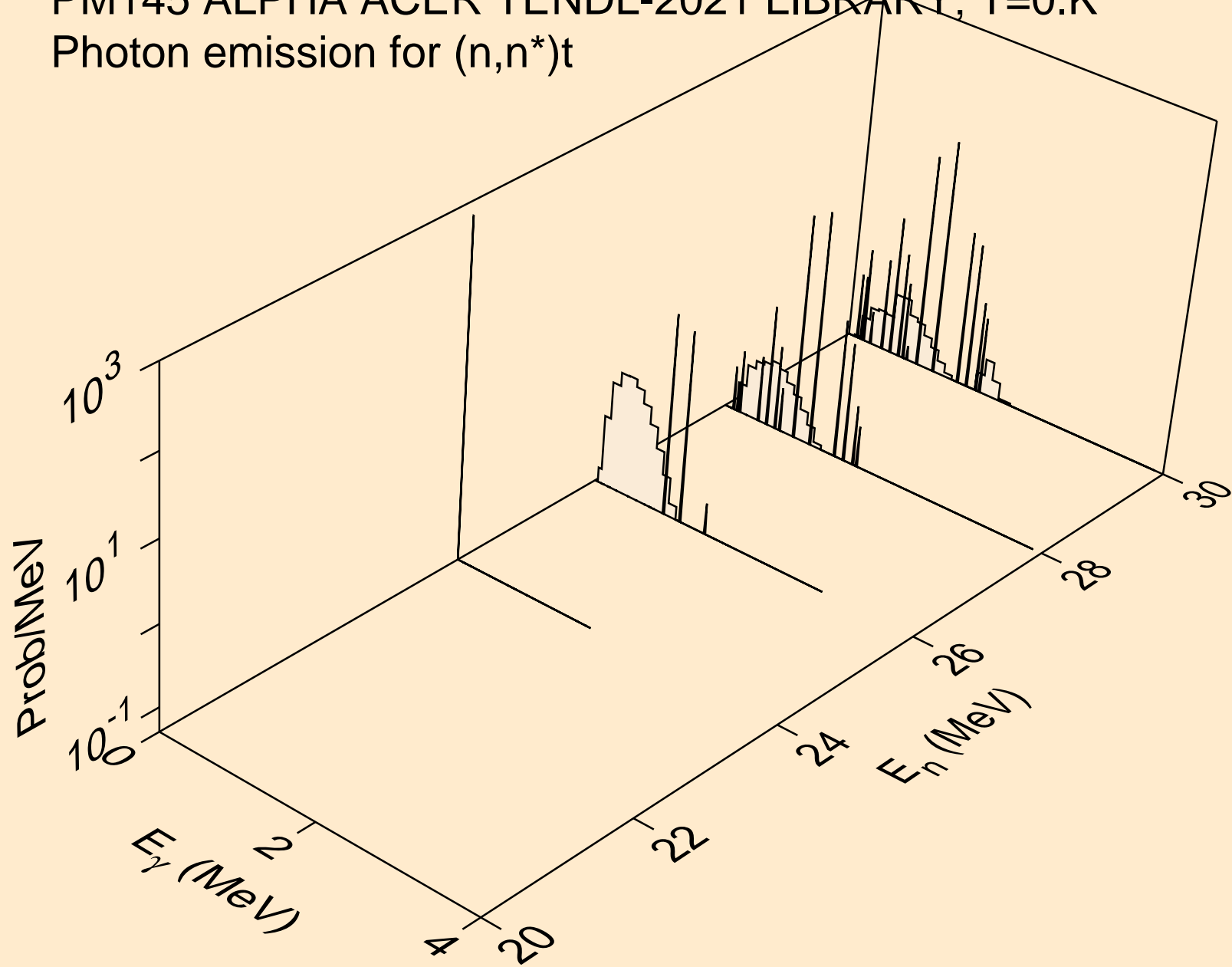


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

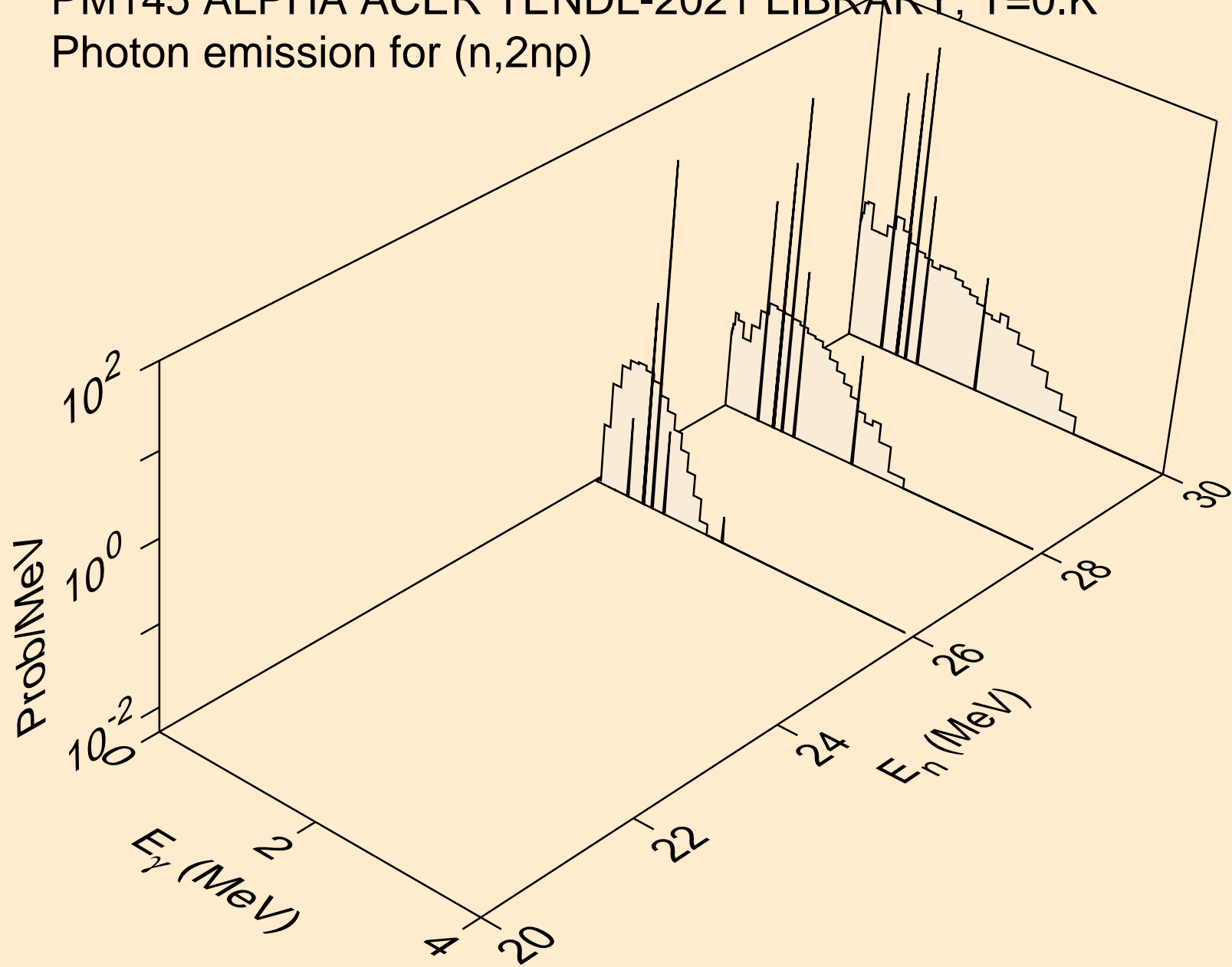




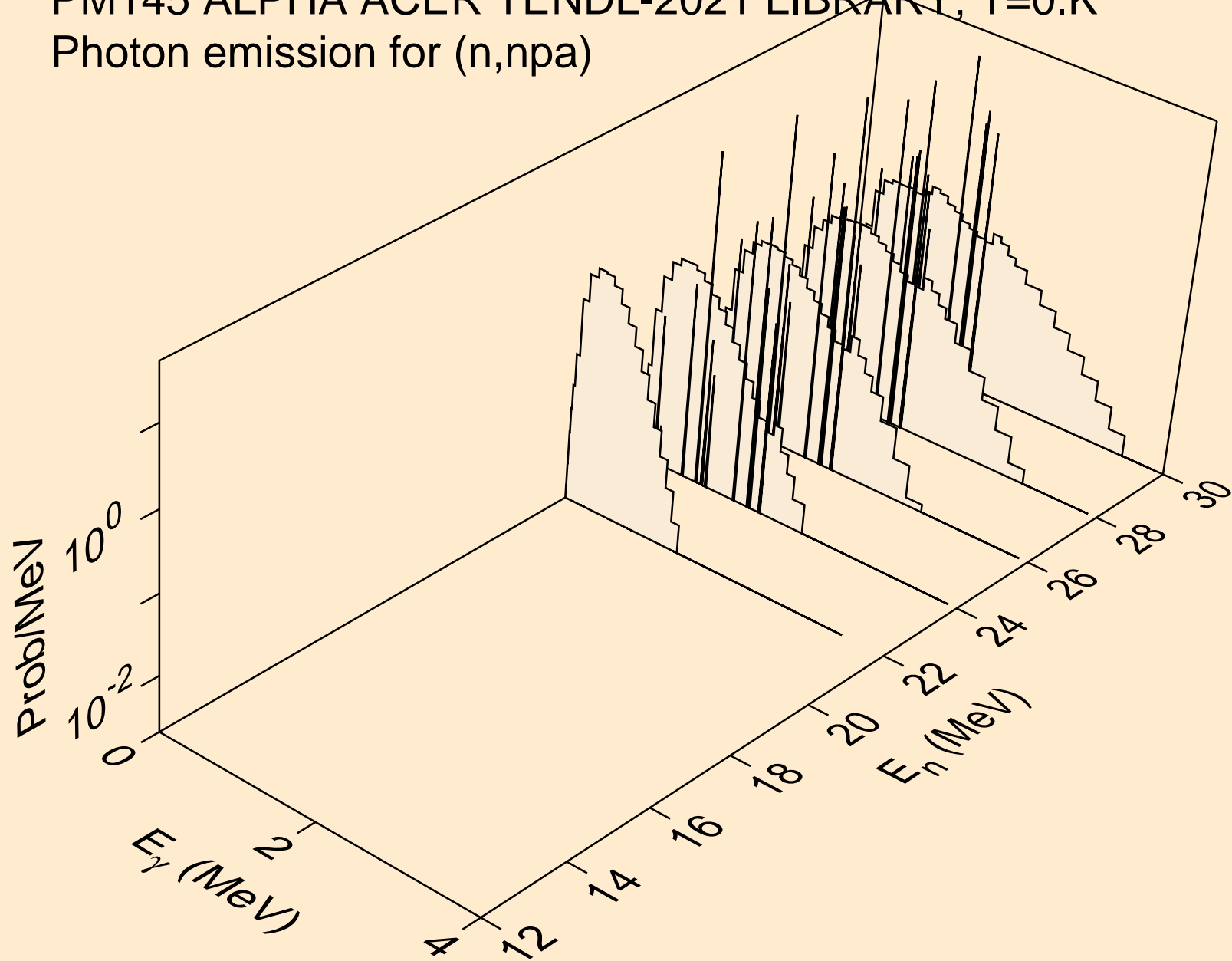
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



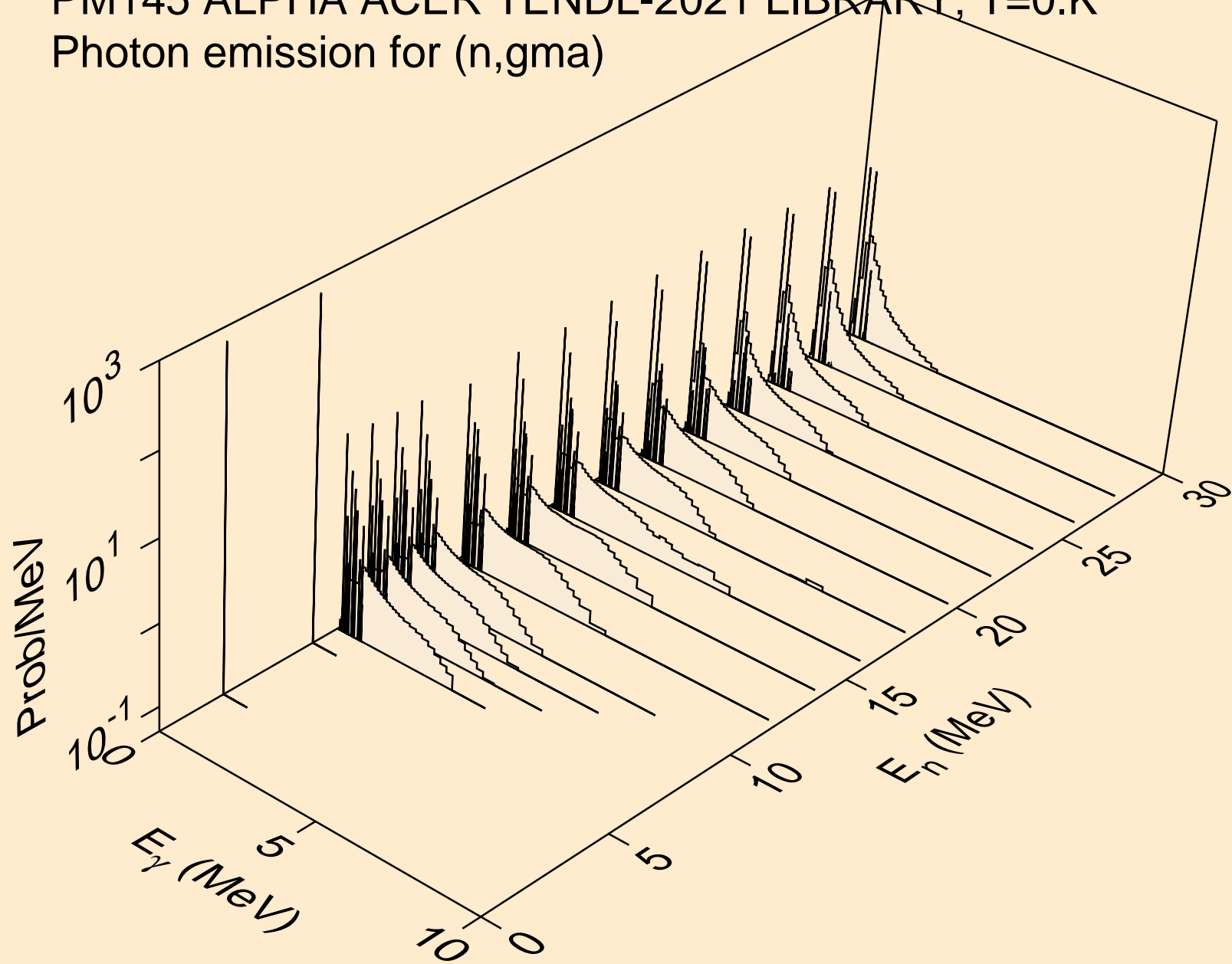
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



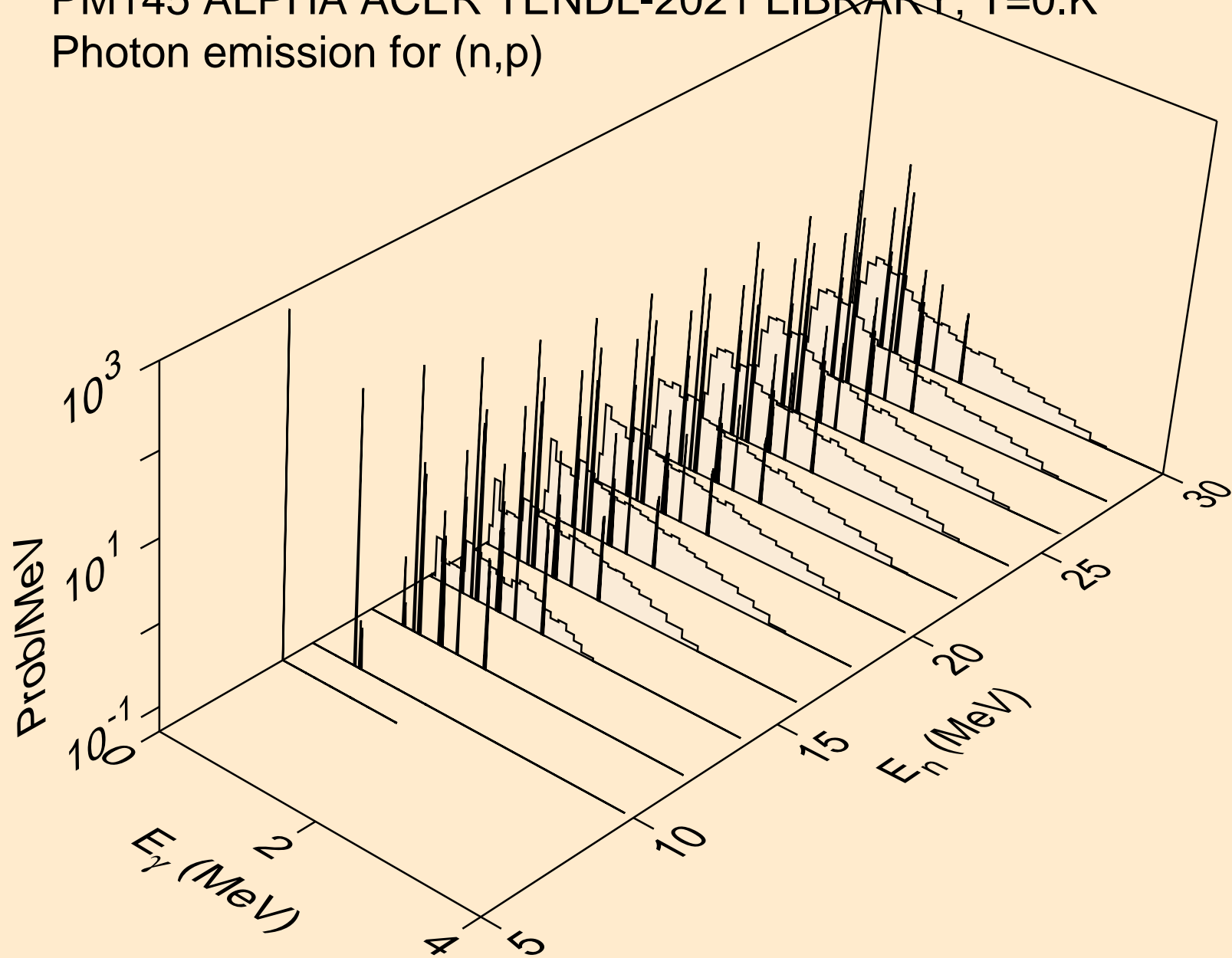
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



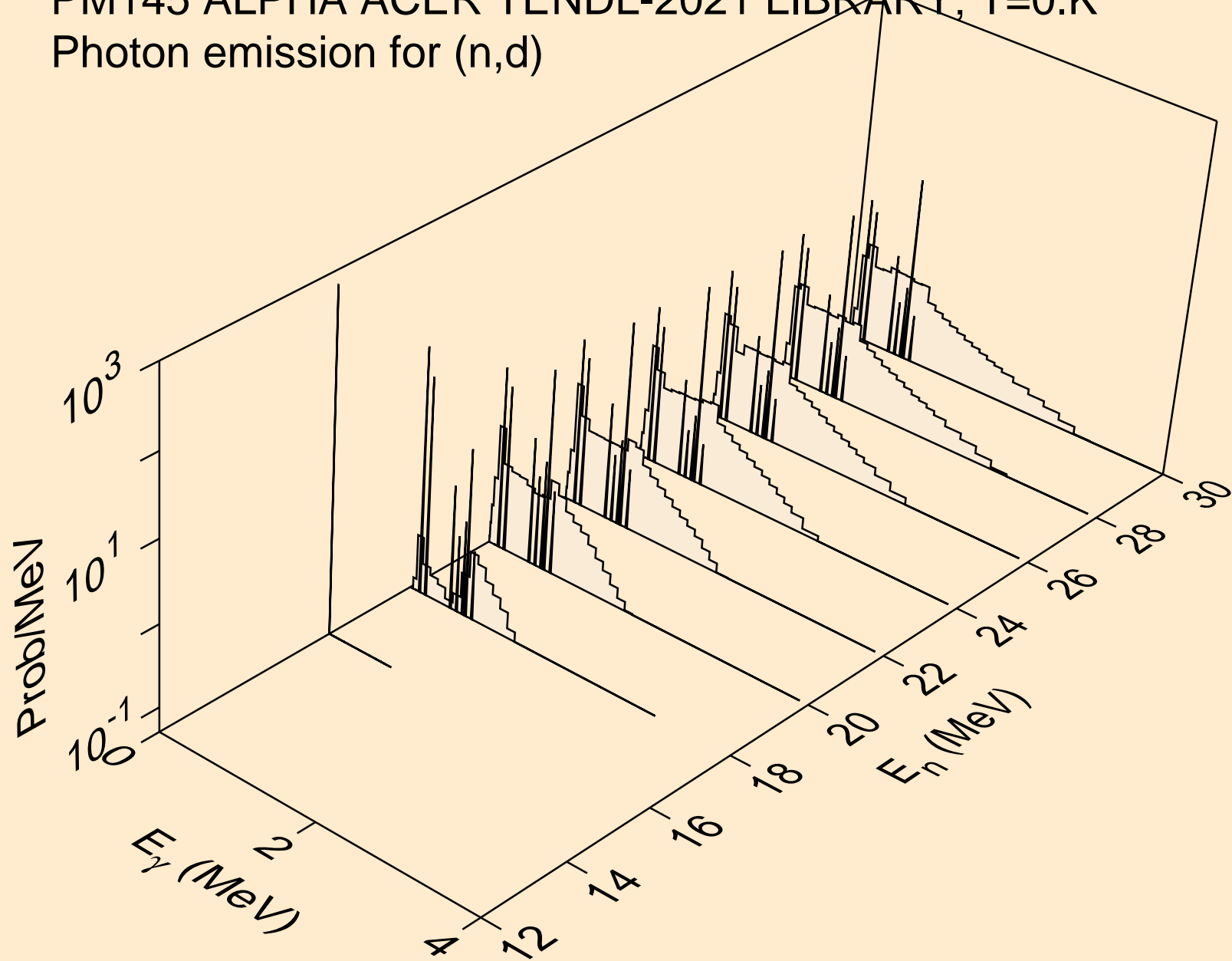
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



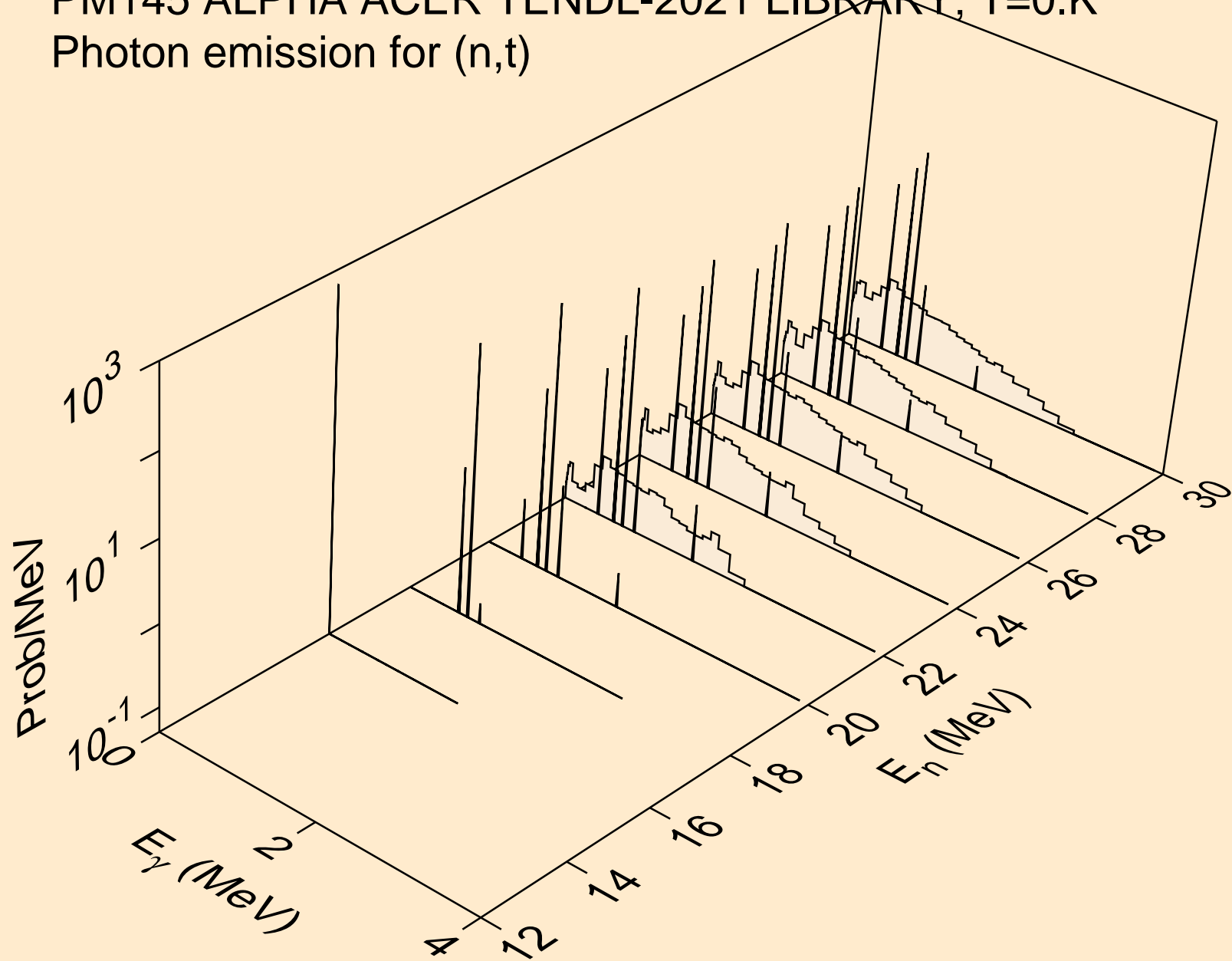
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



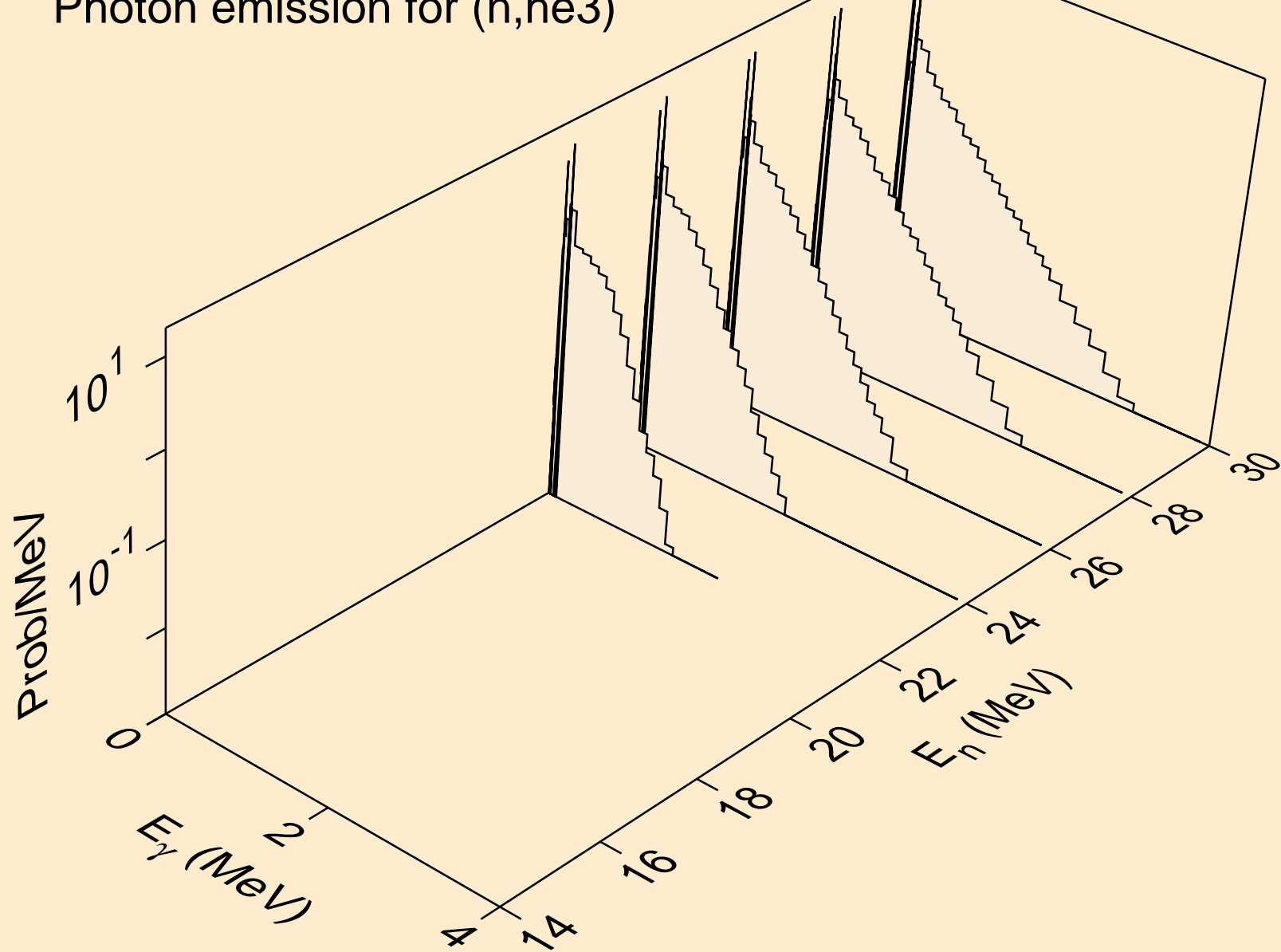
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

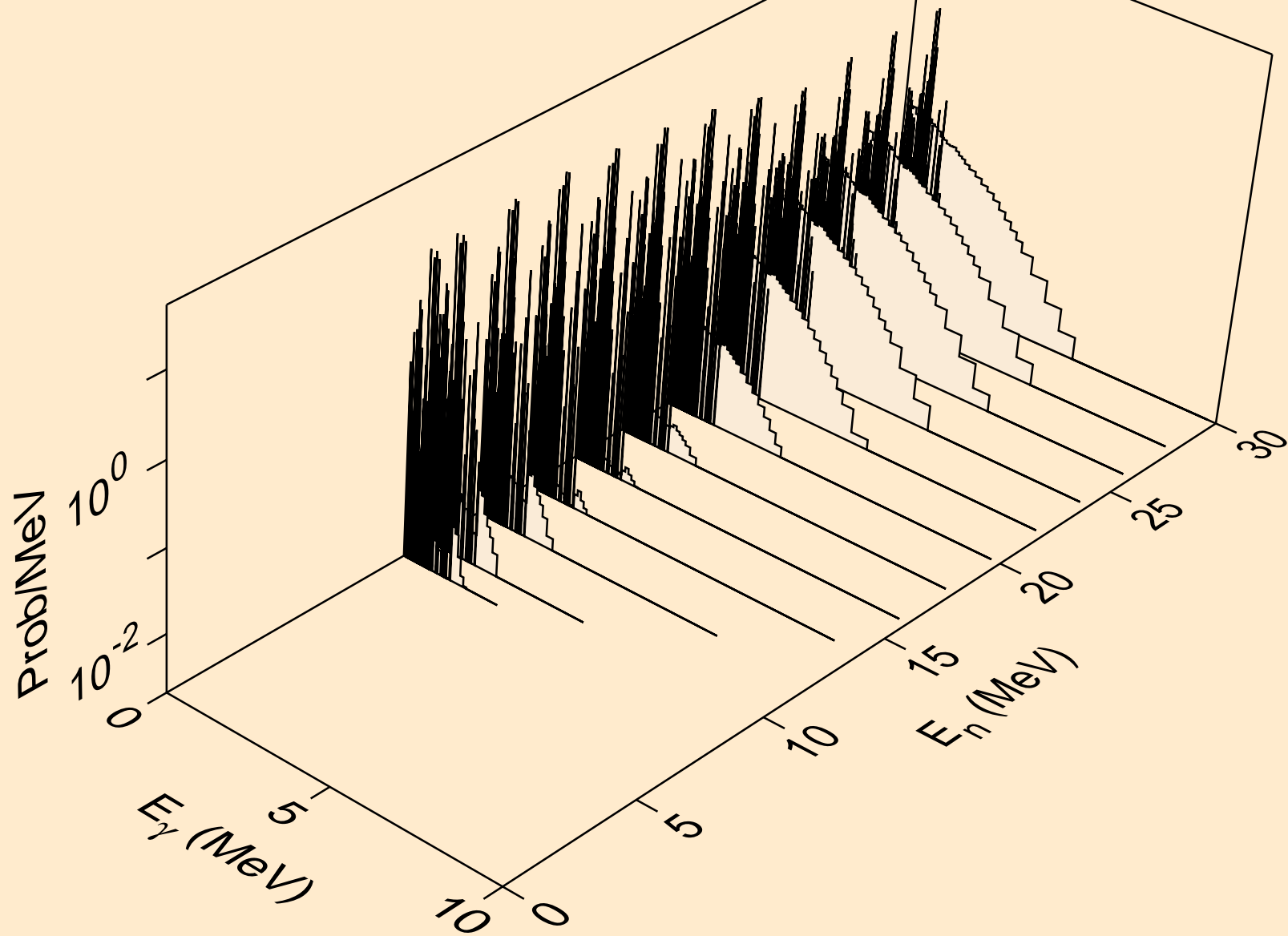


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

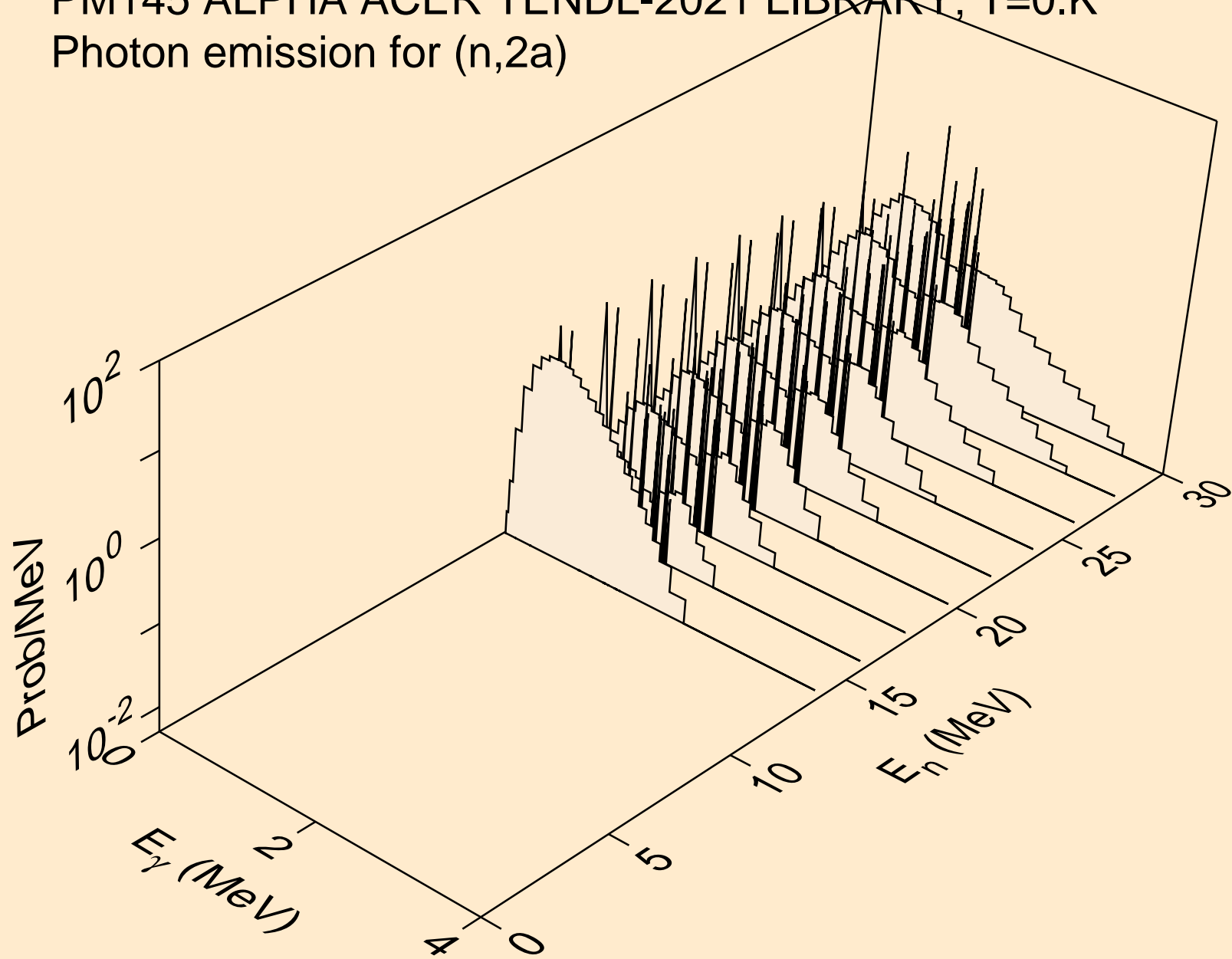




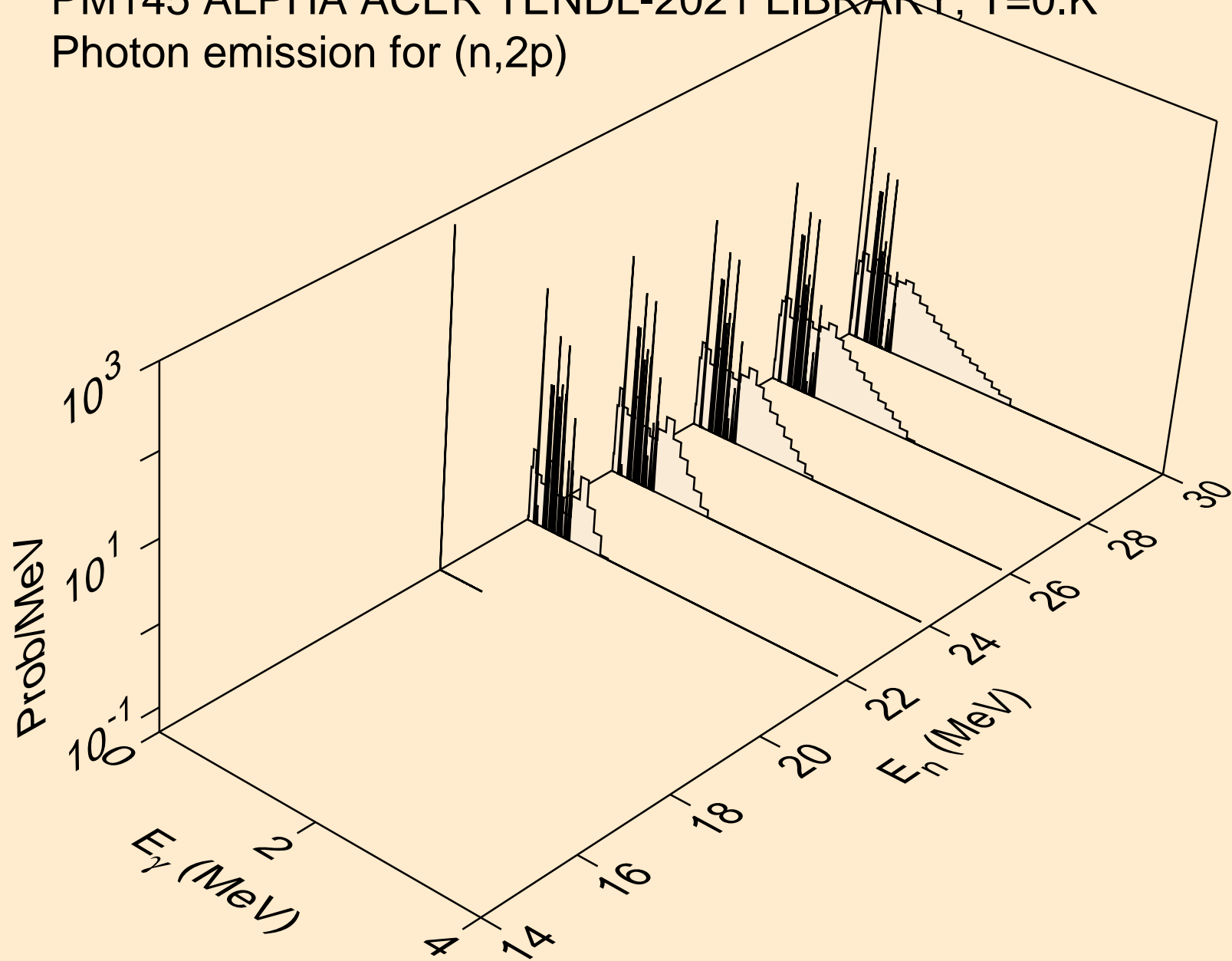
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



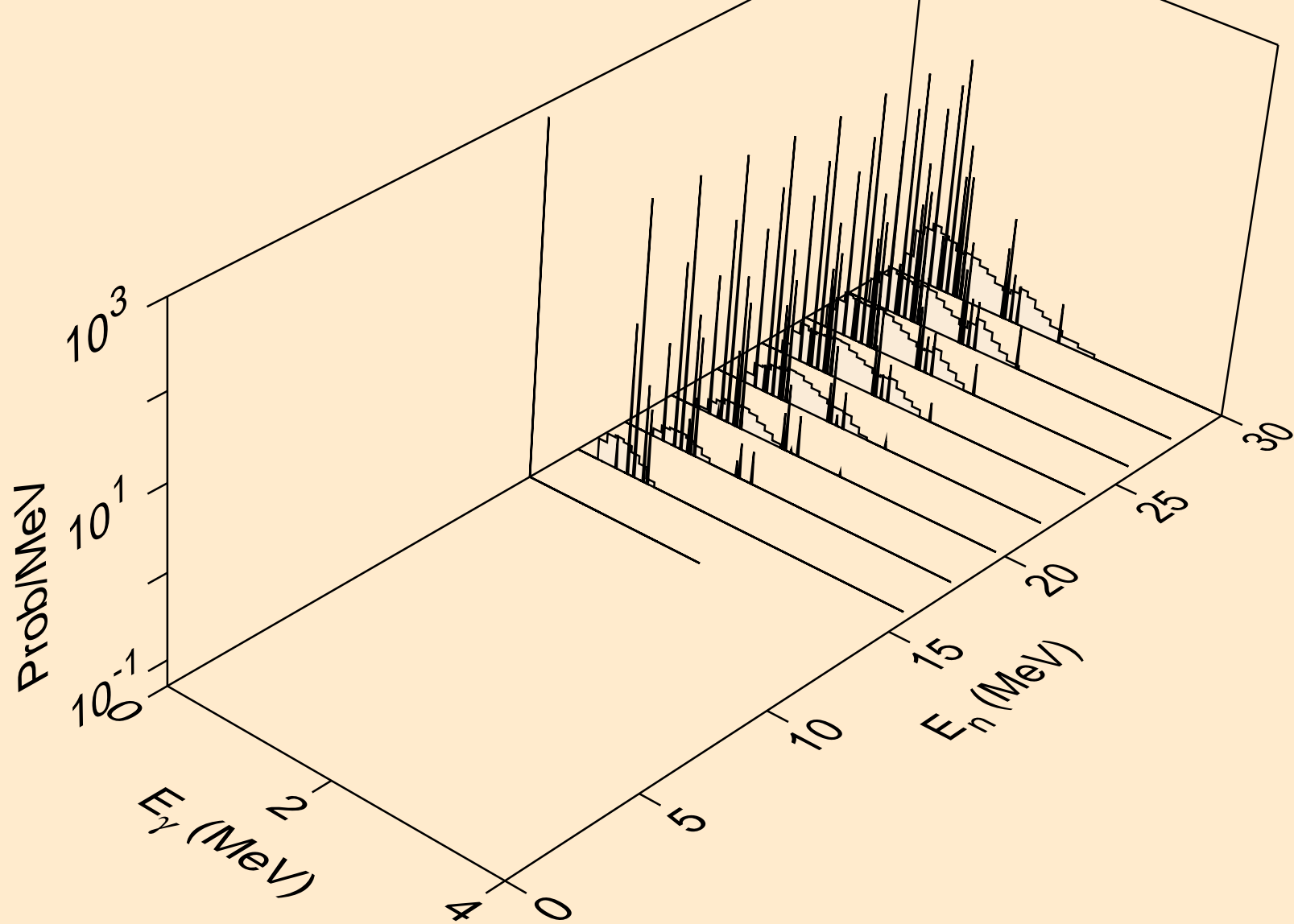
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



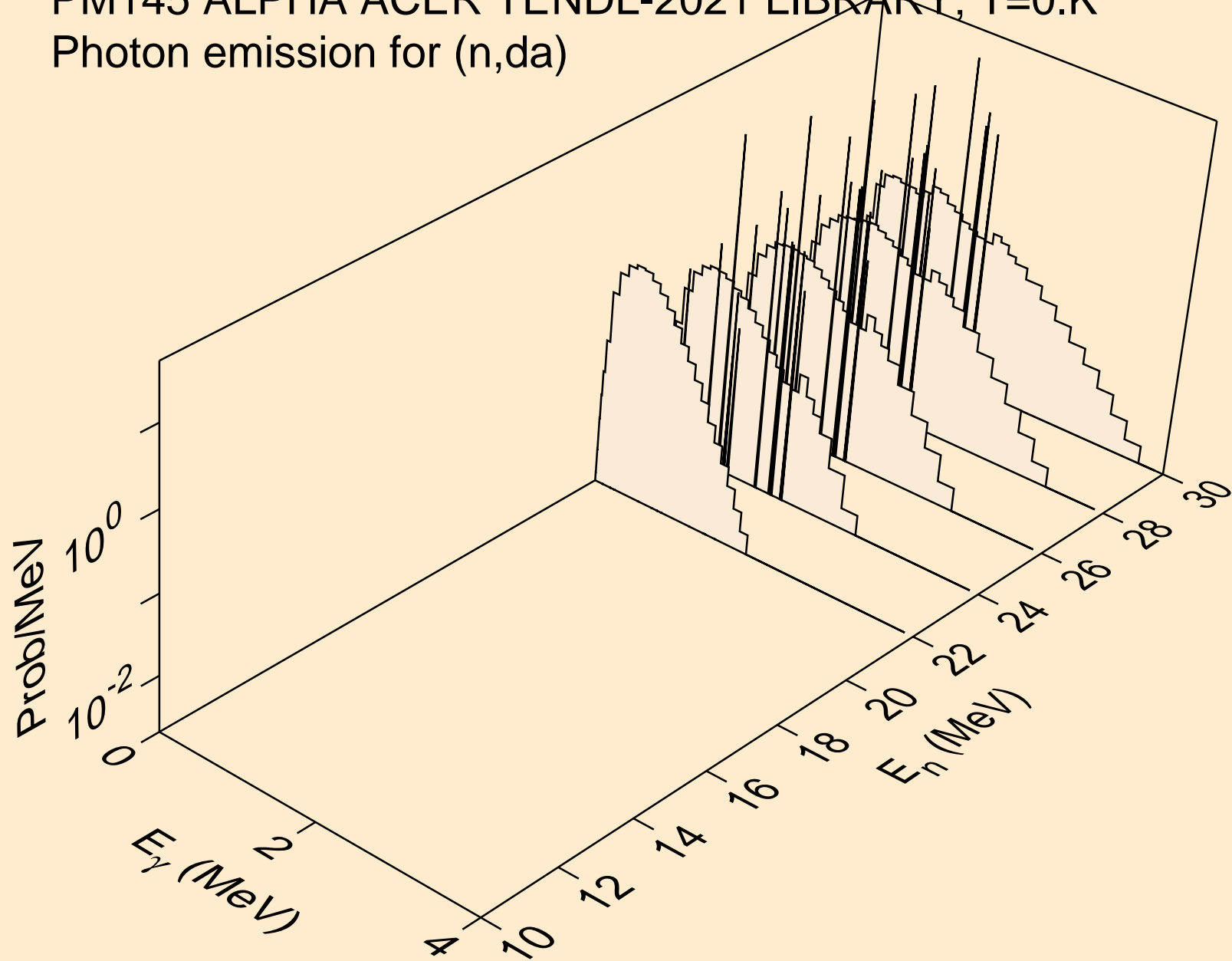
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



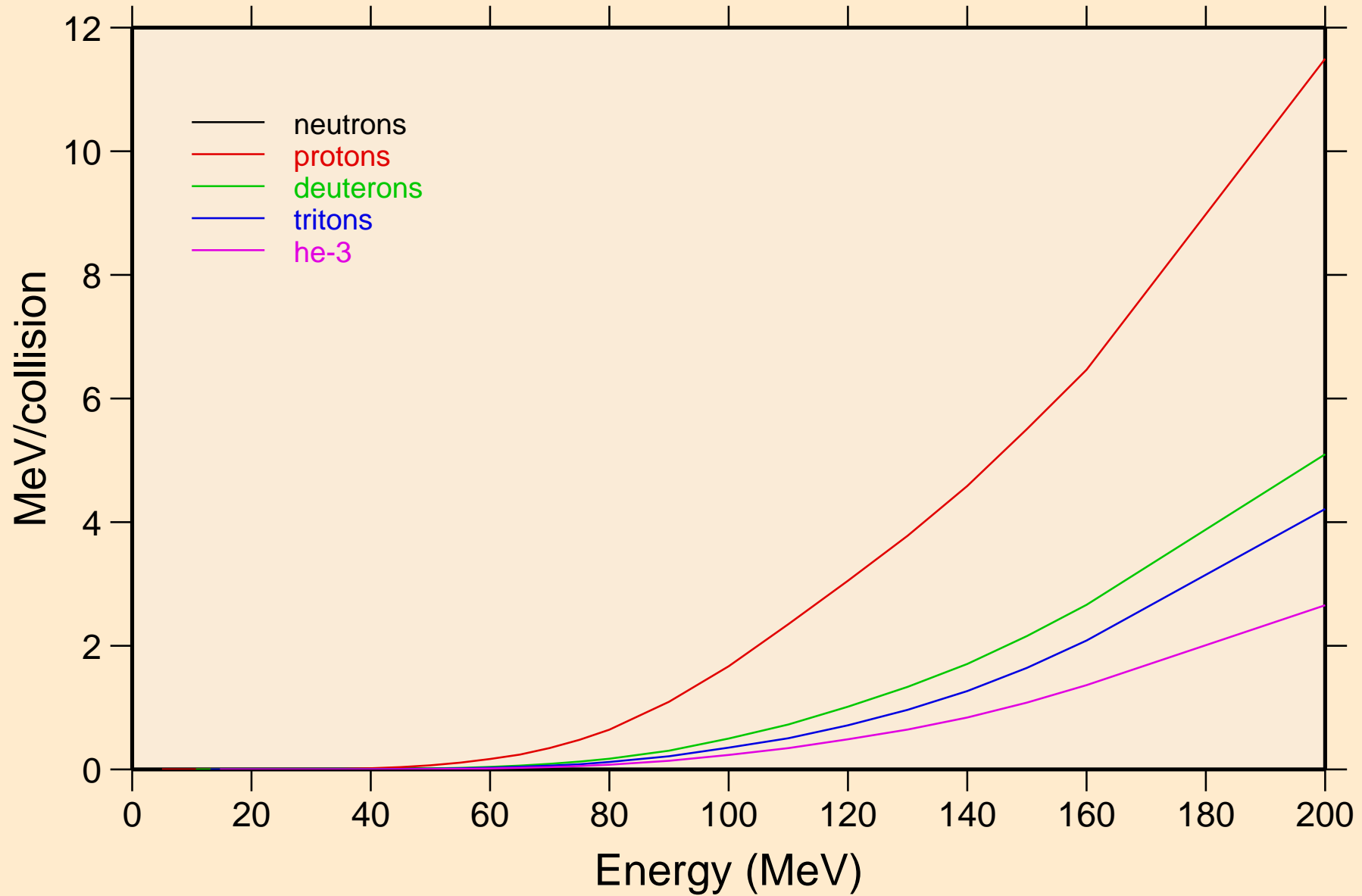
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



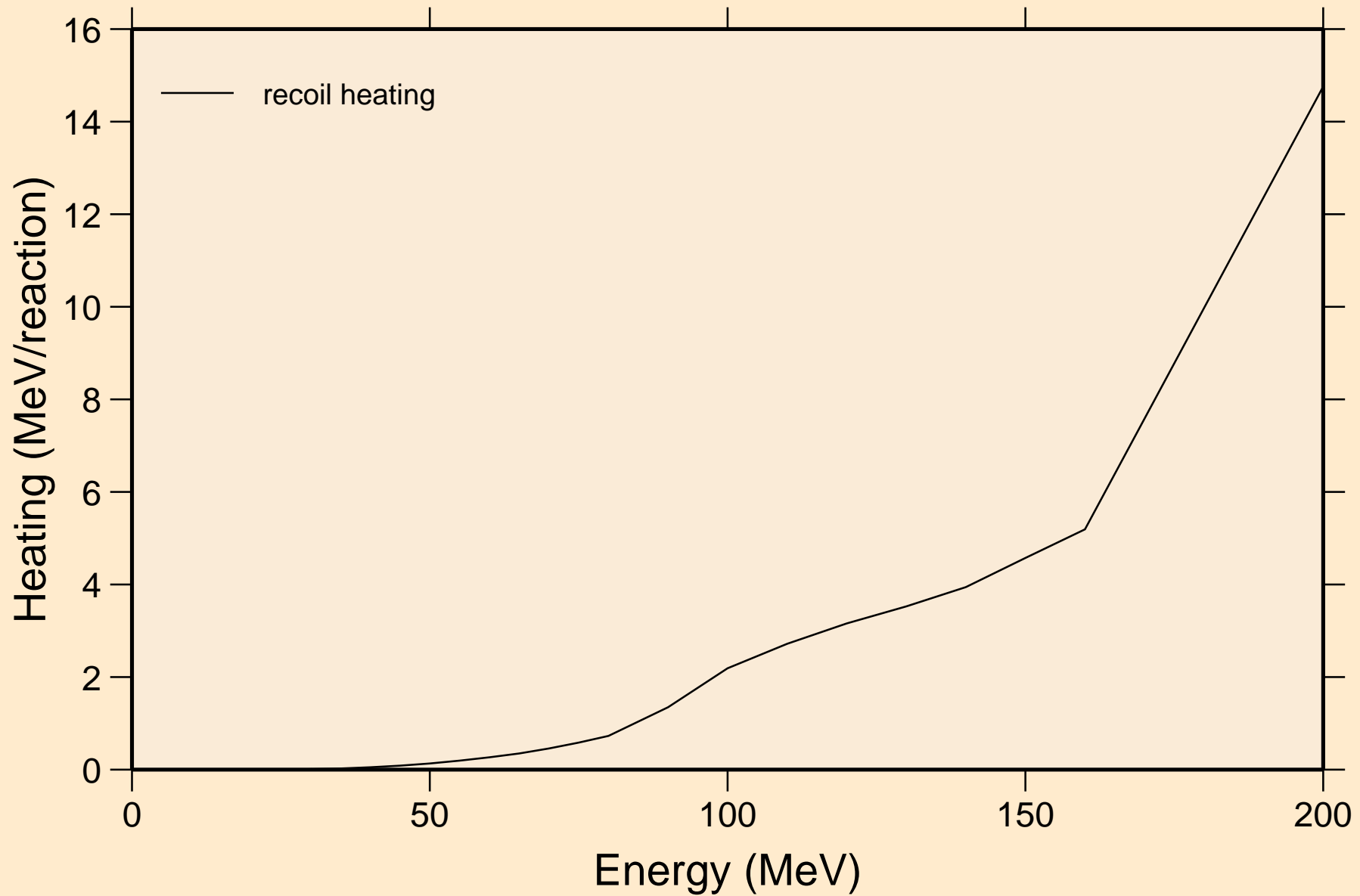
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



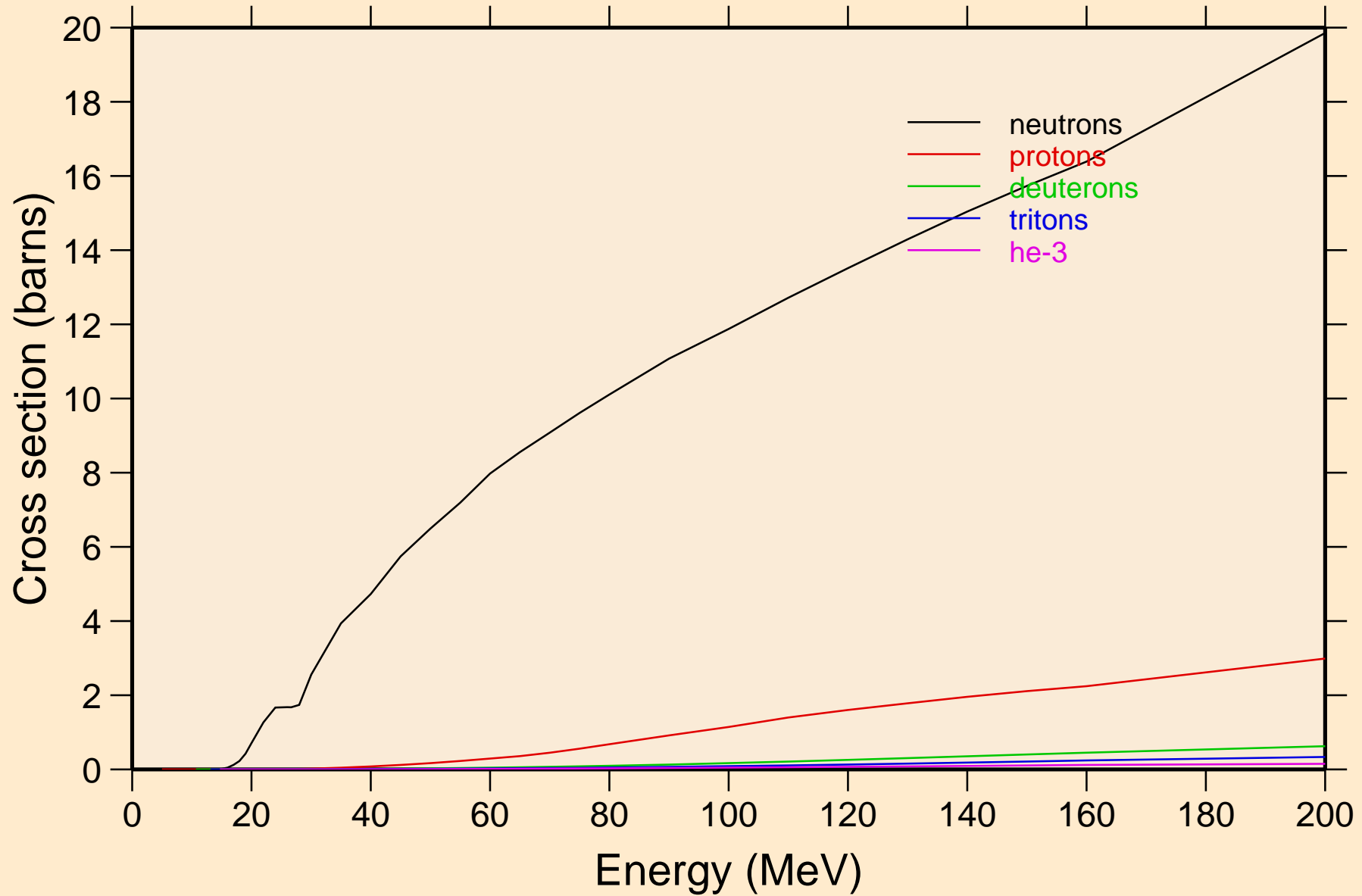
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

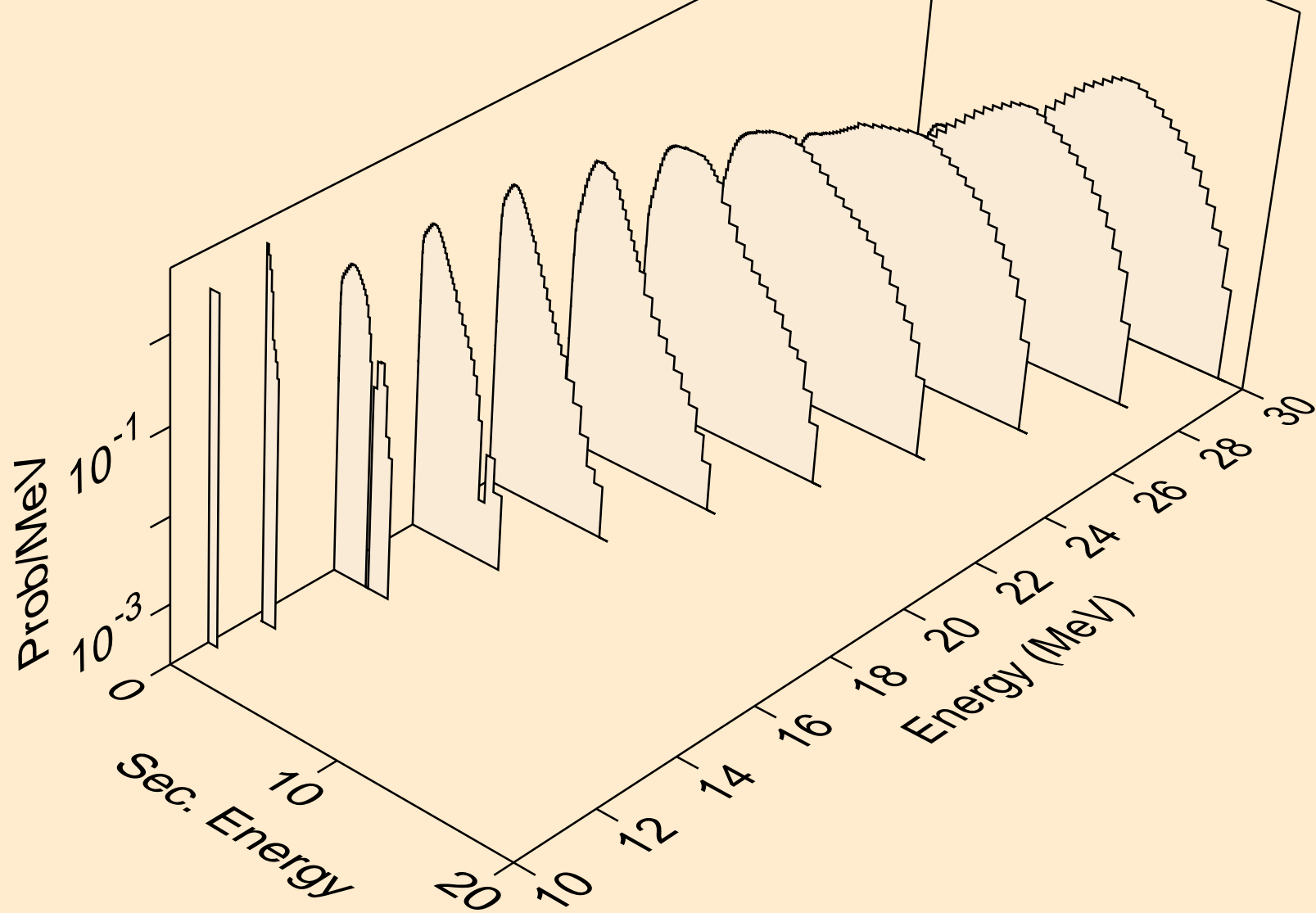


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

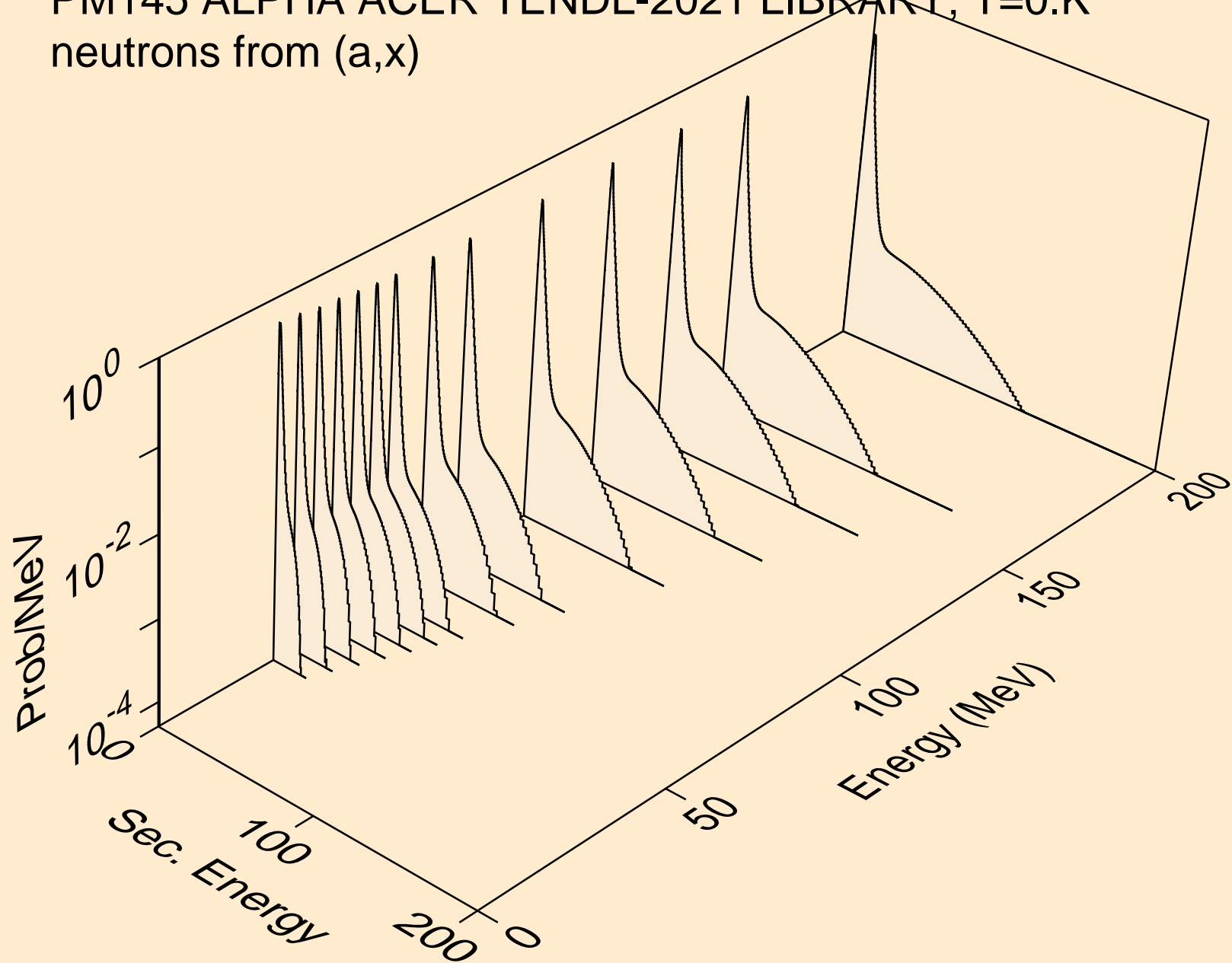




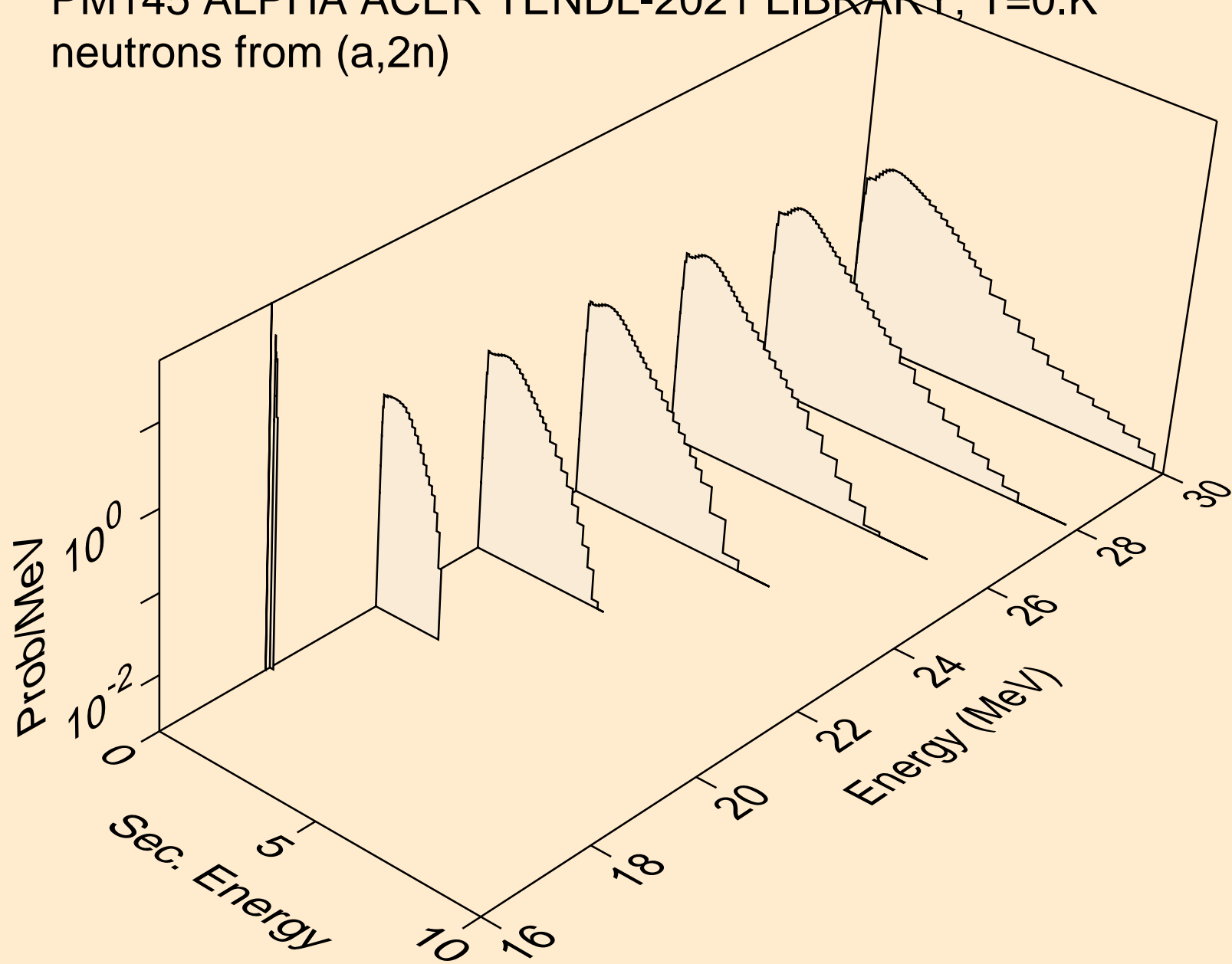
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



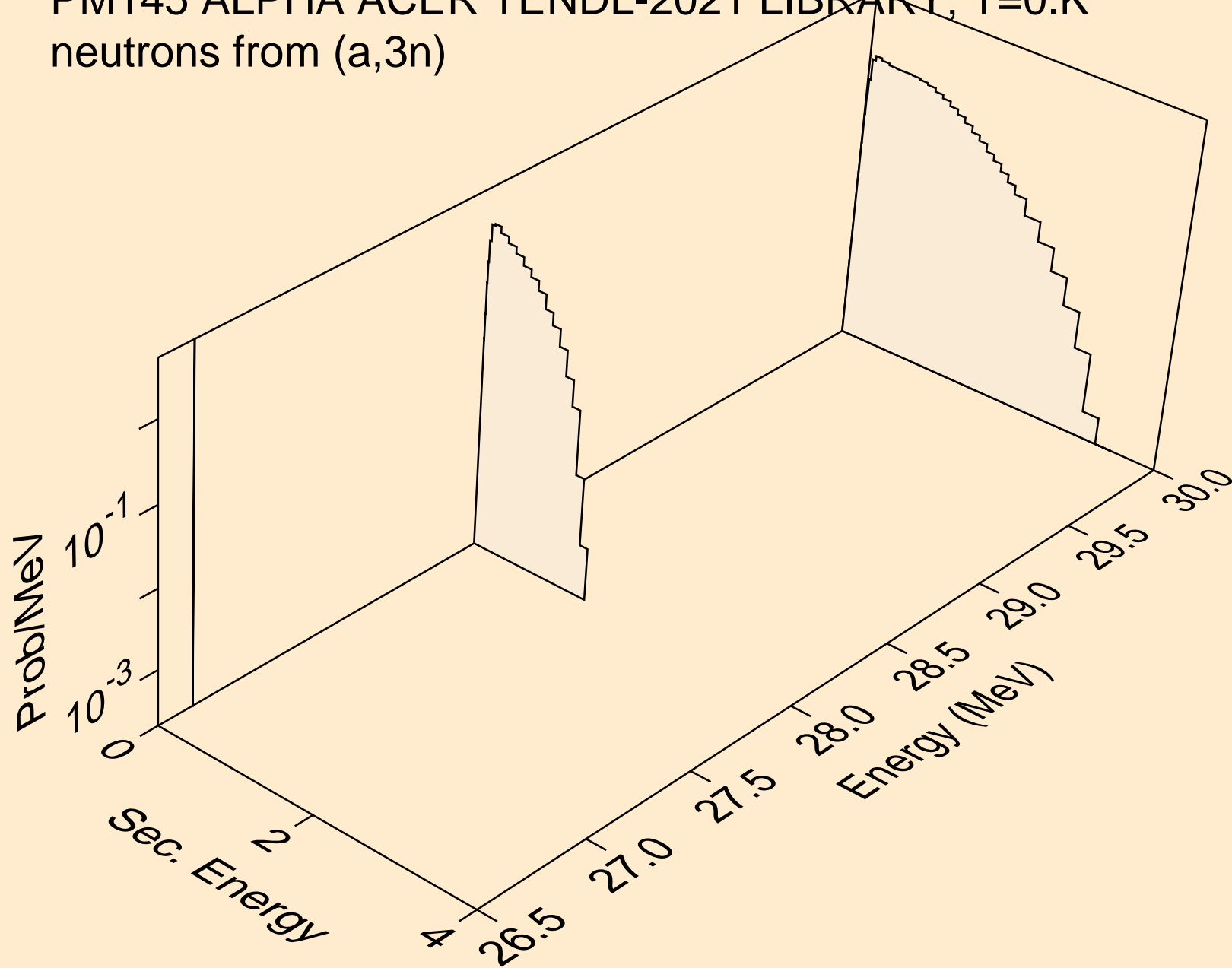
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



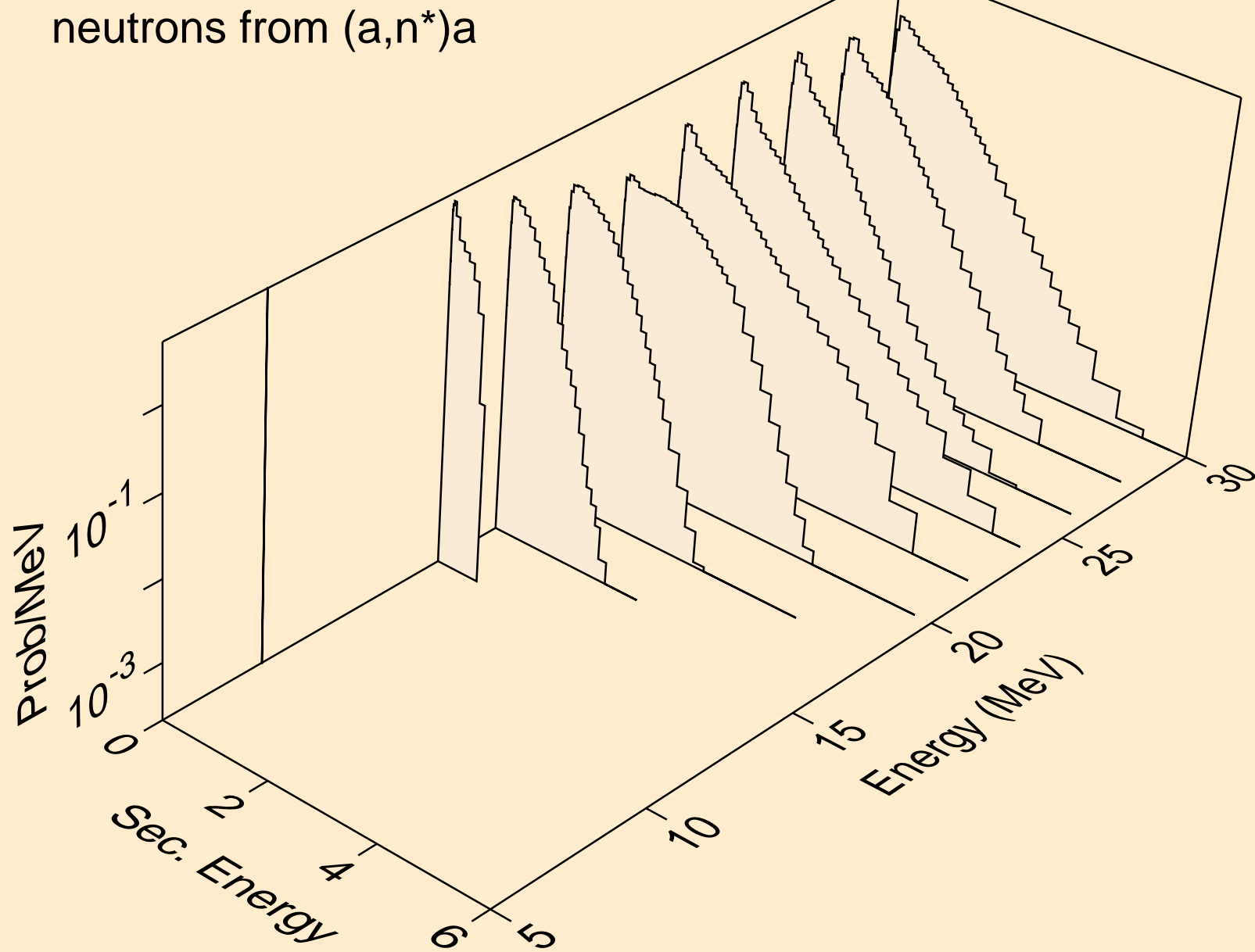
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



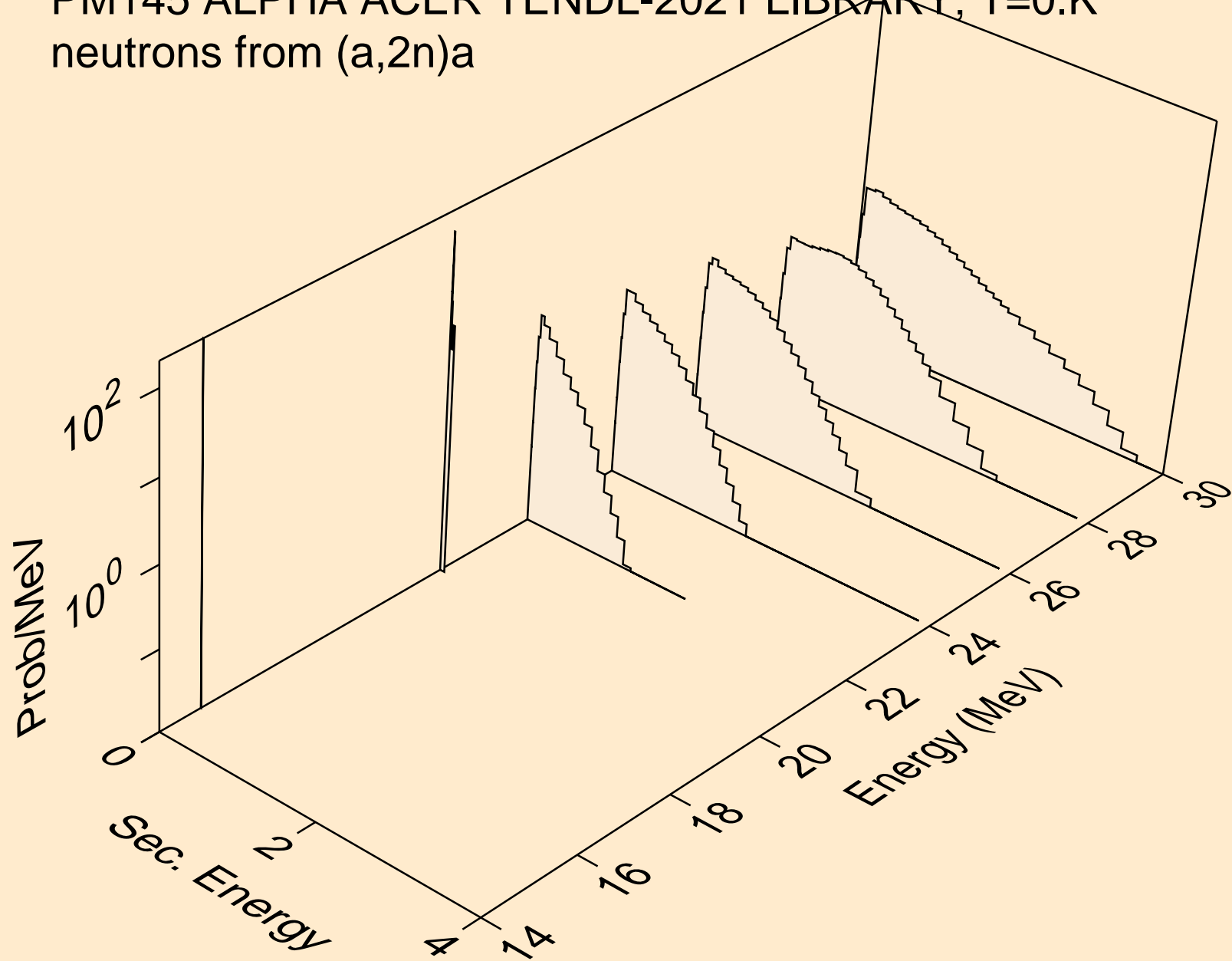
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



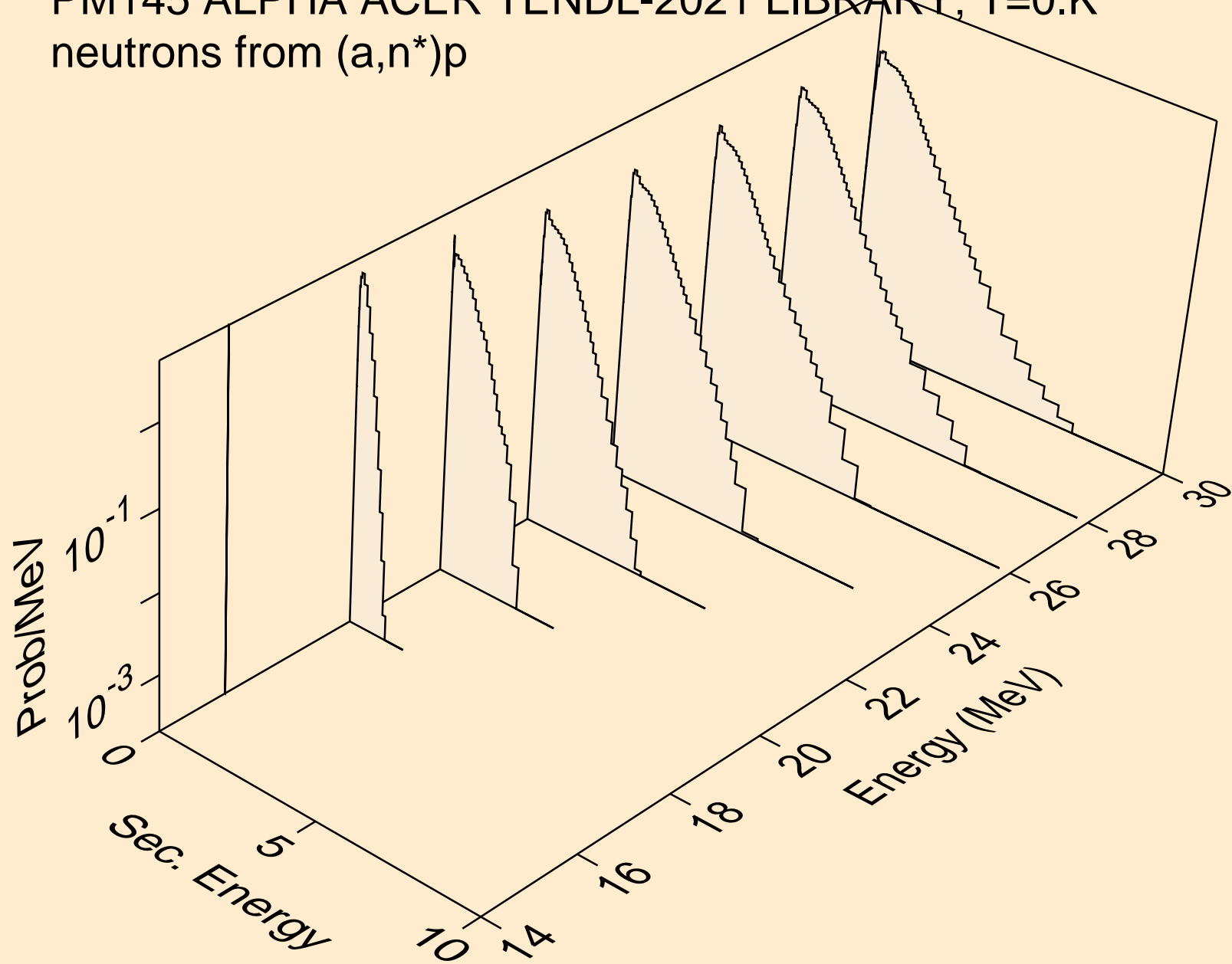
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



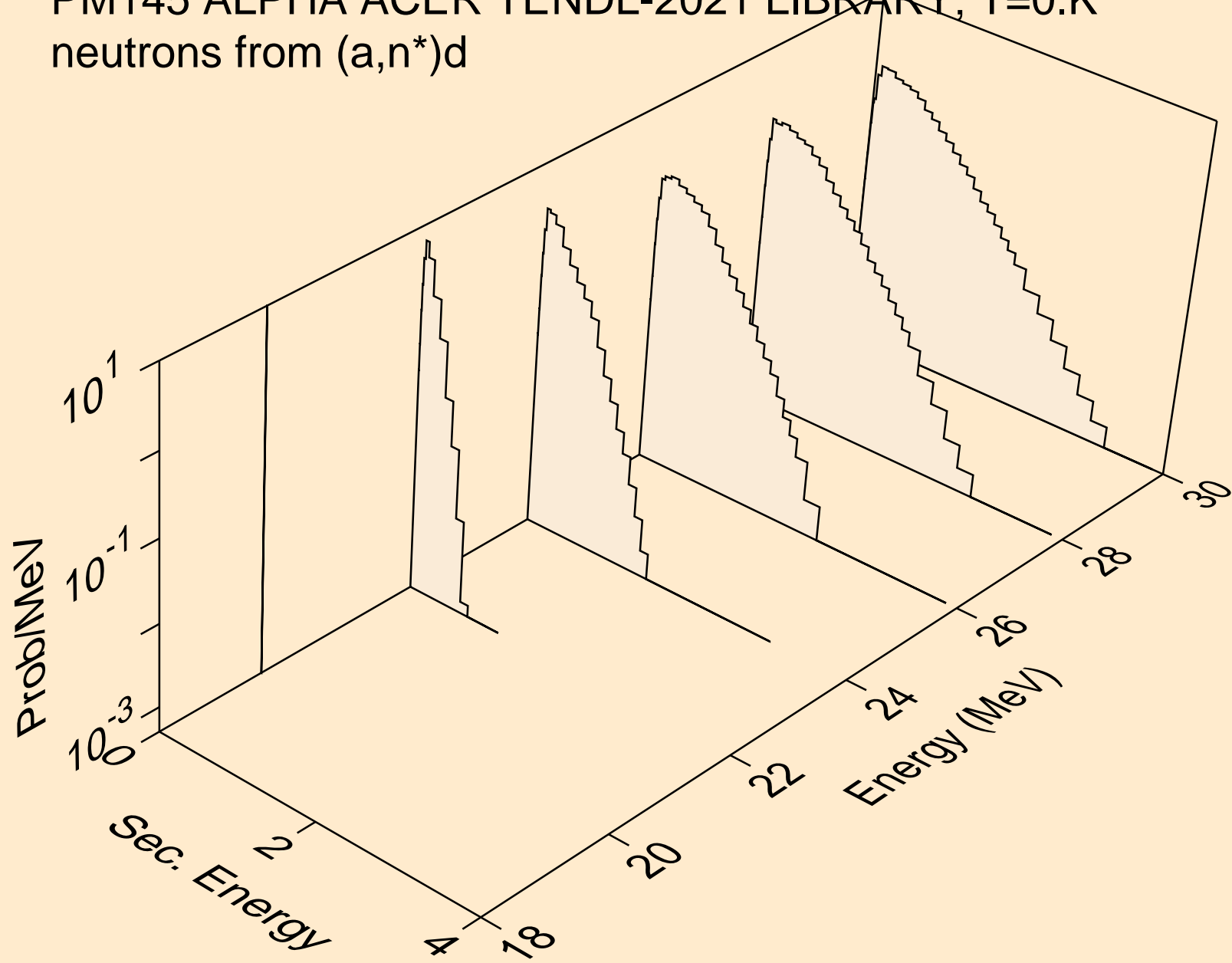
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

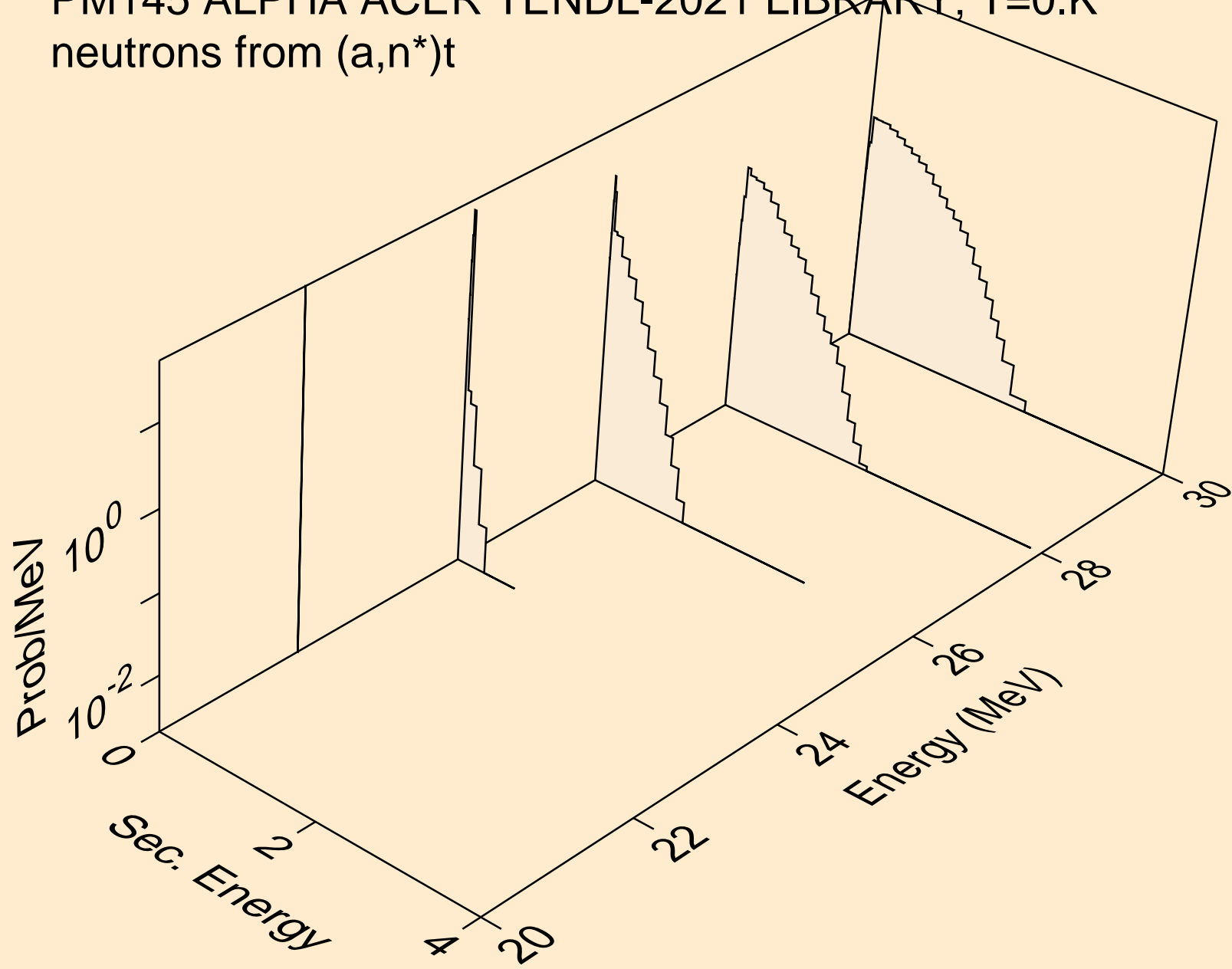


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

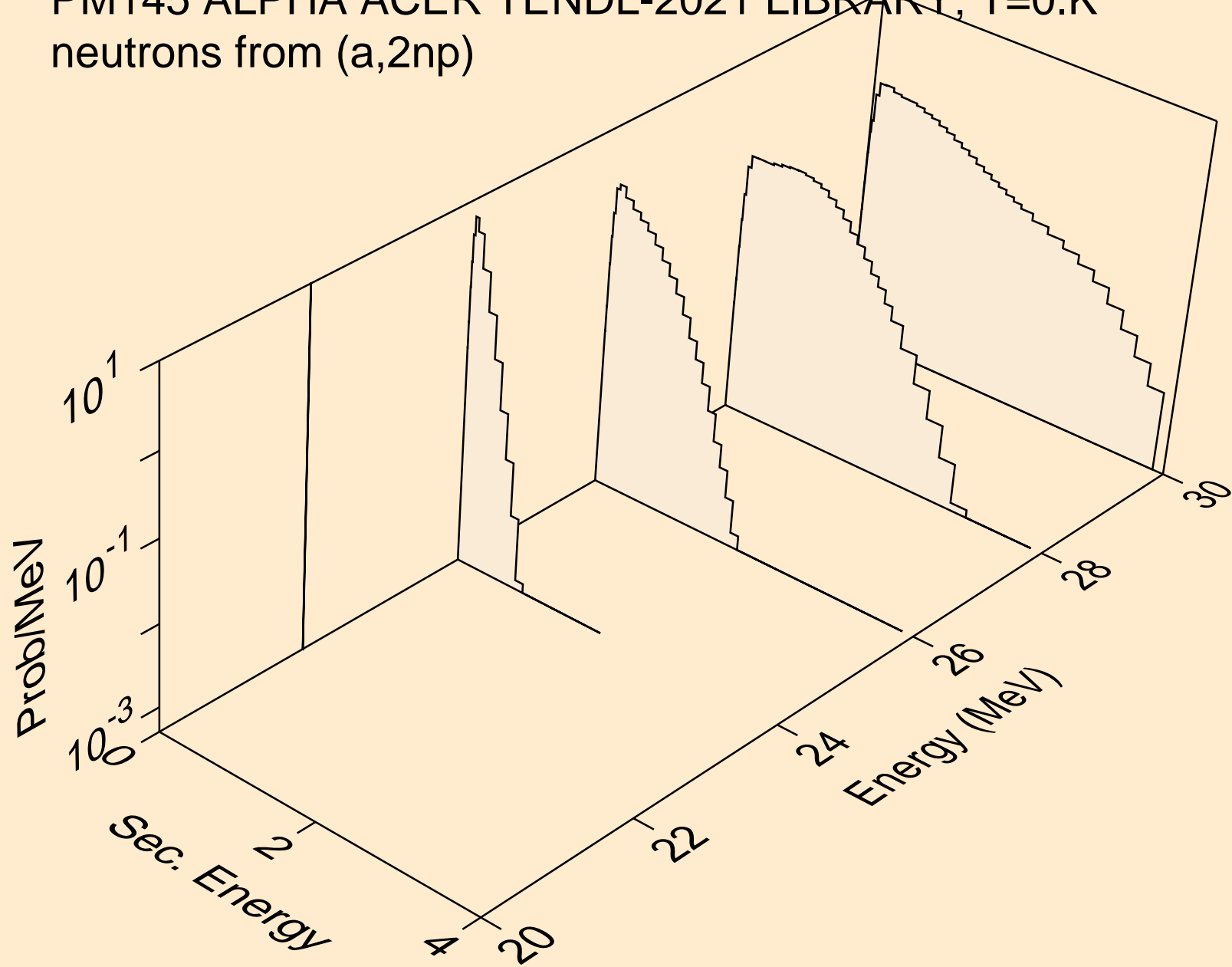




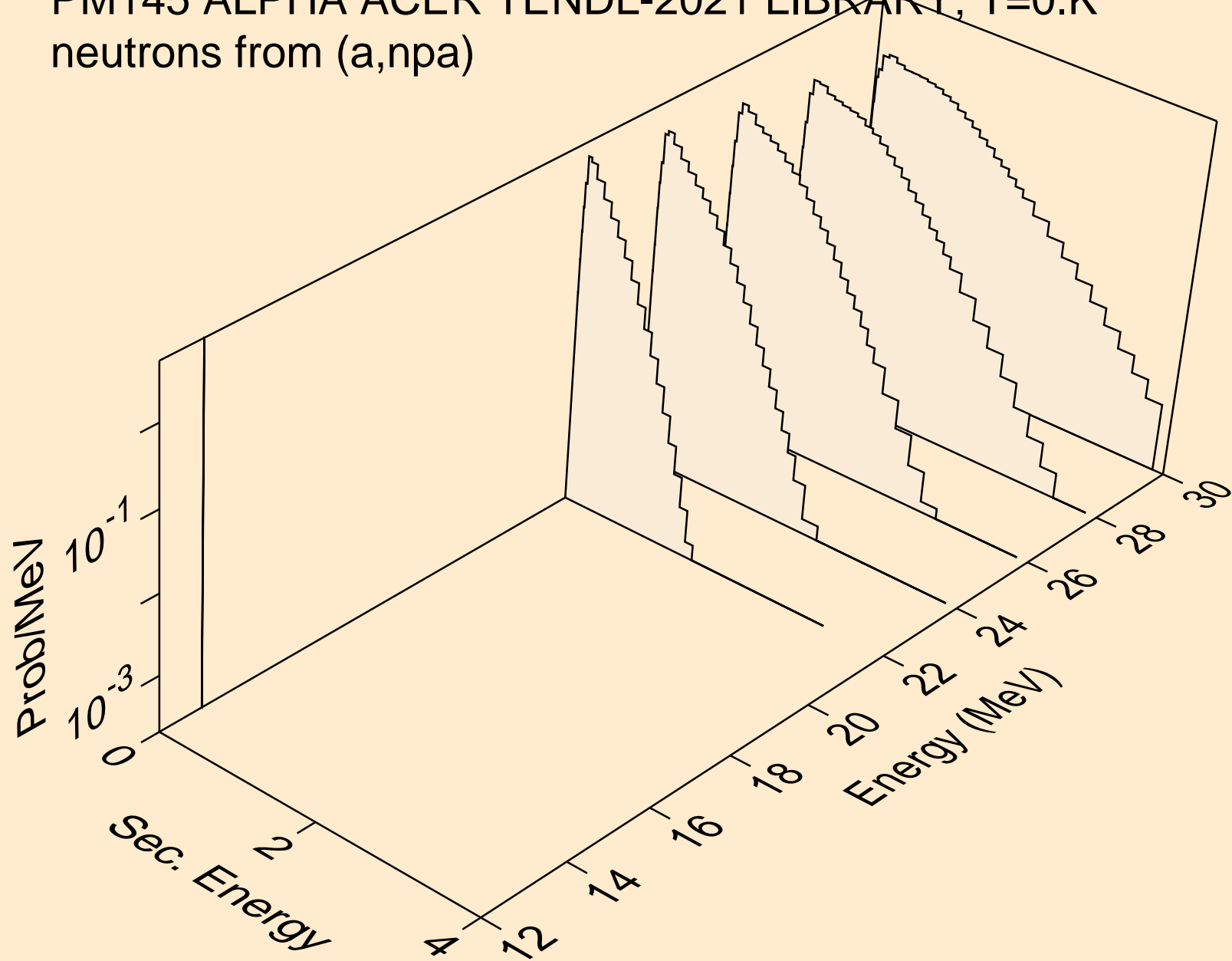
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



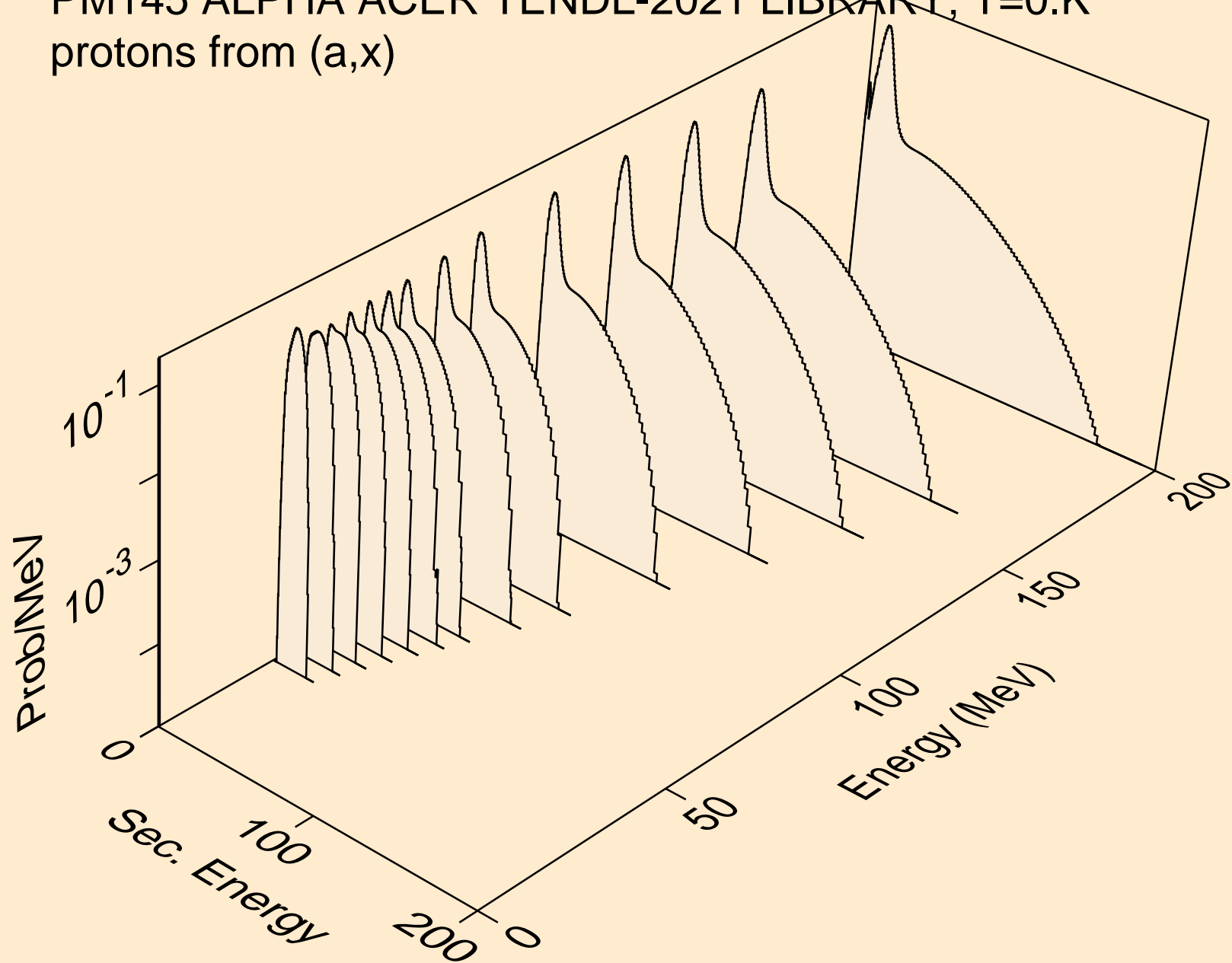
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



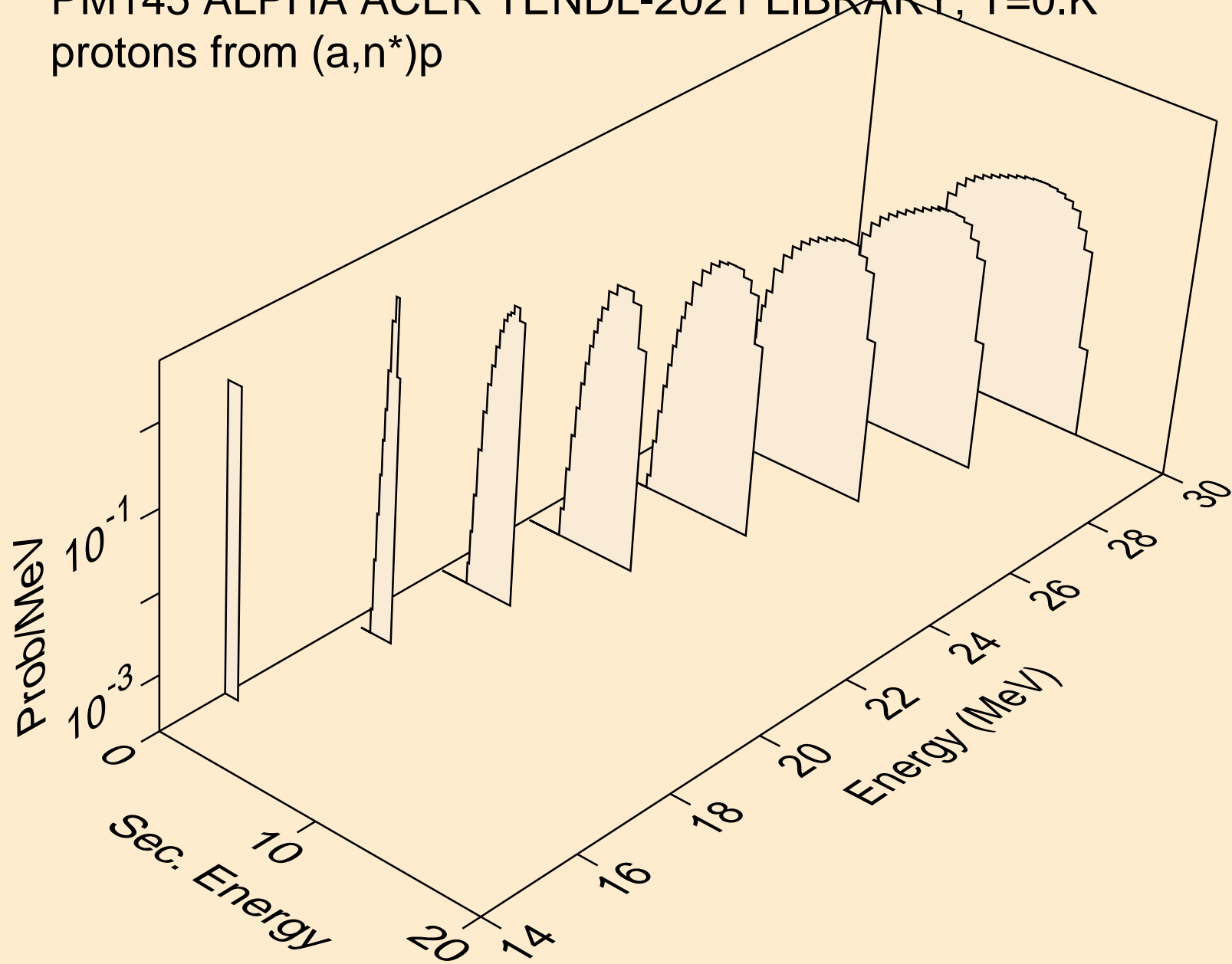
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



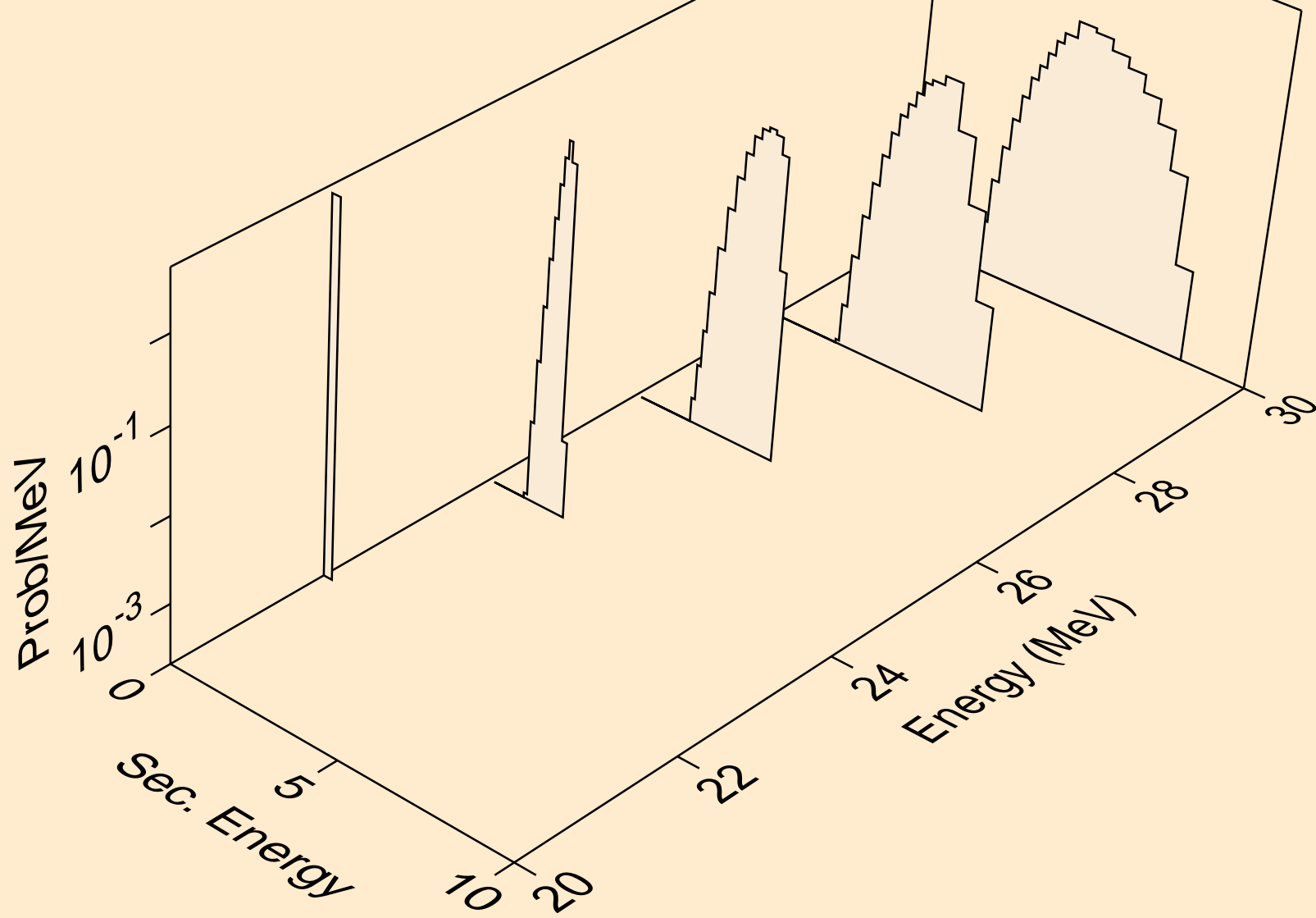
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



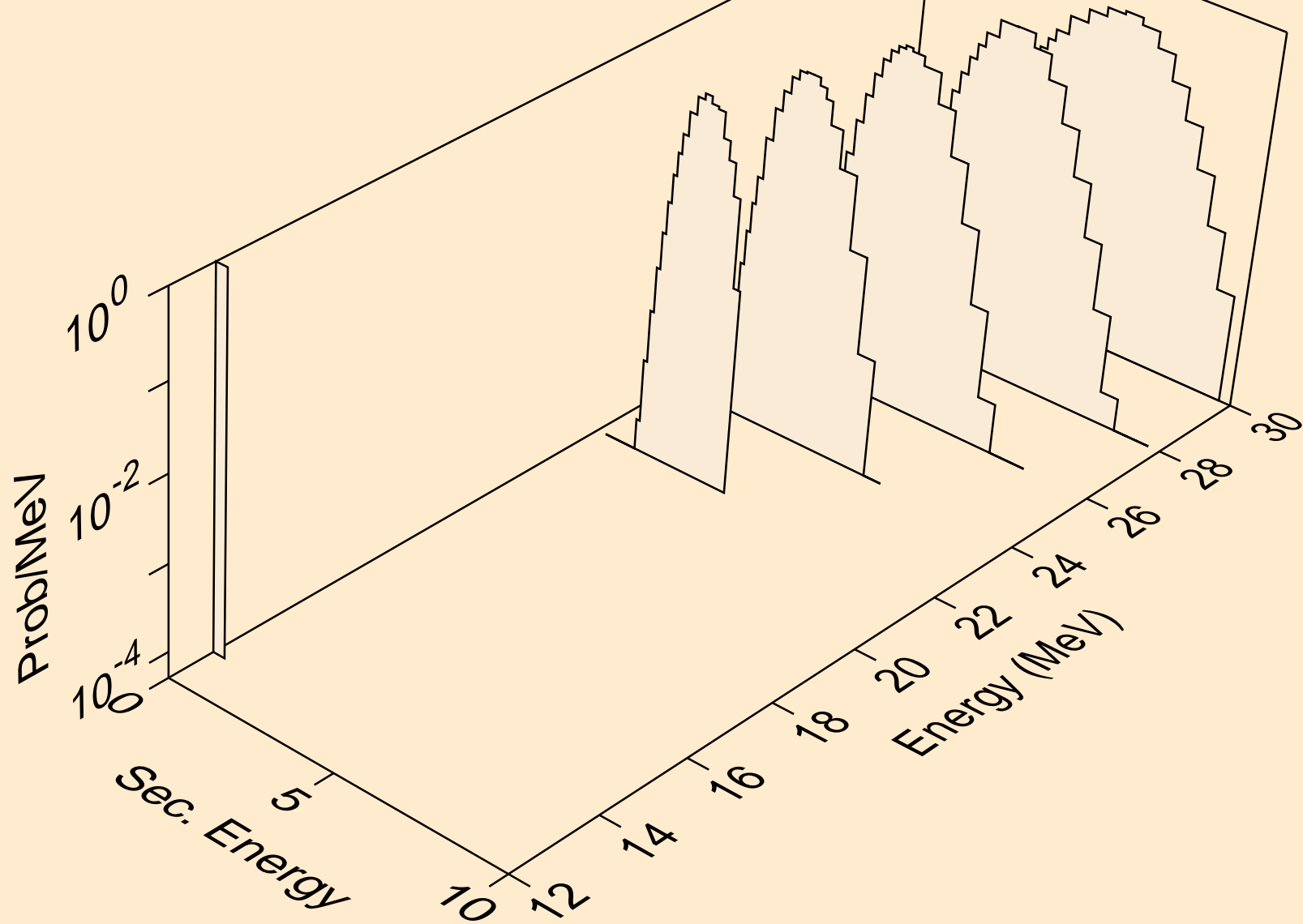
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



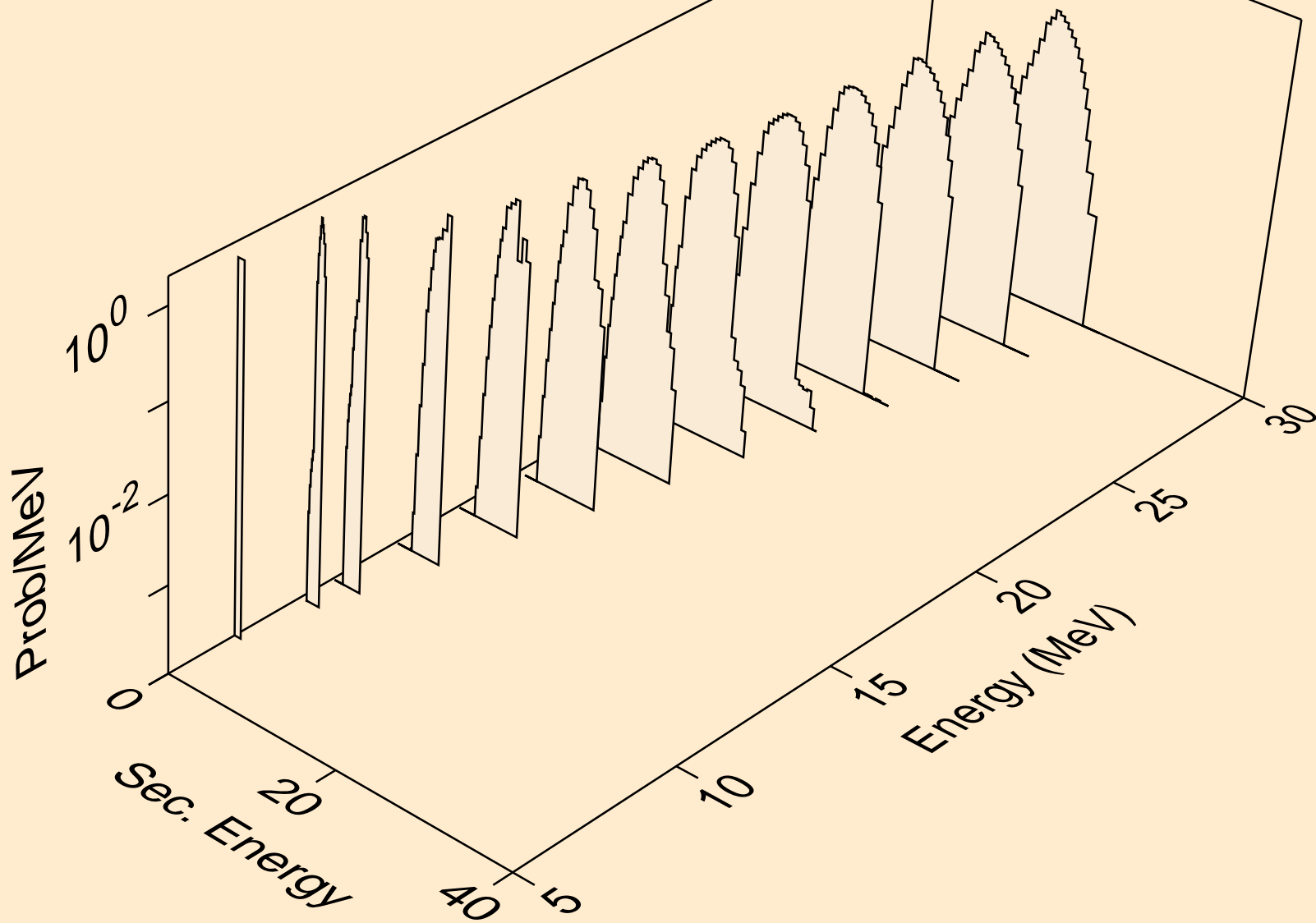
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)

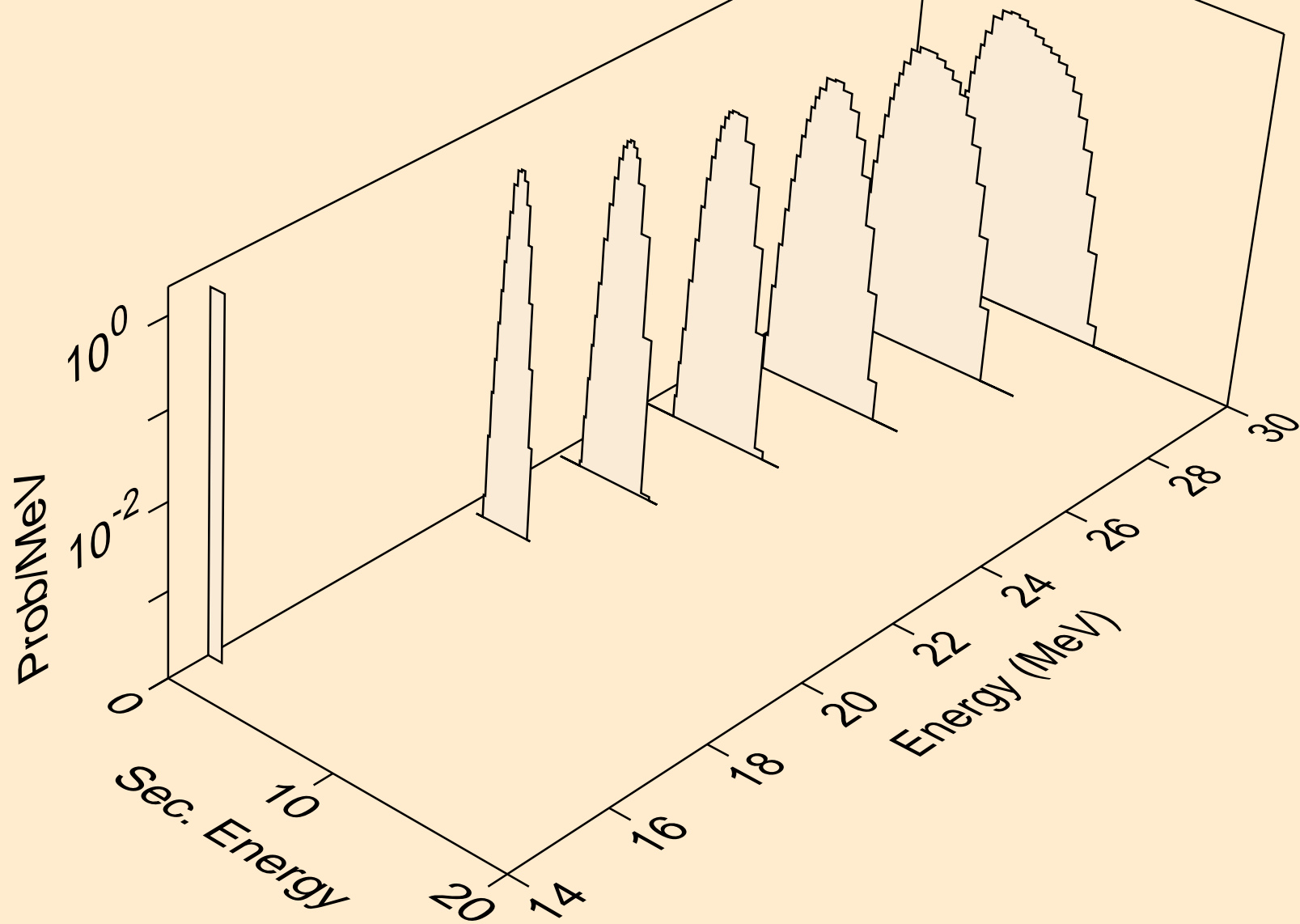


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)

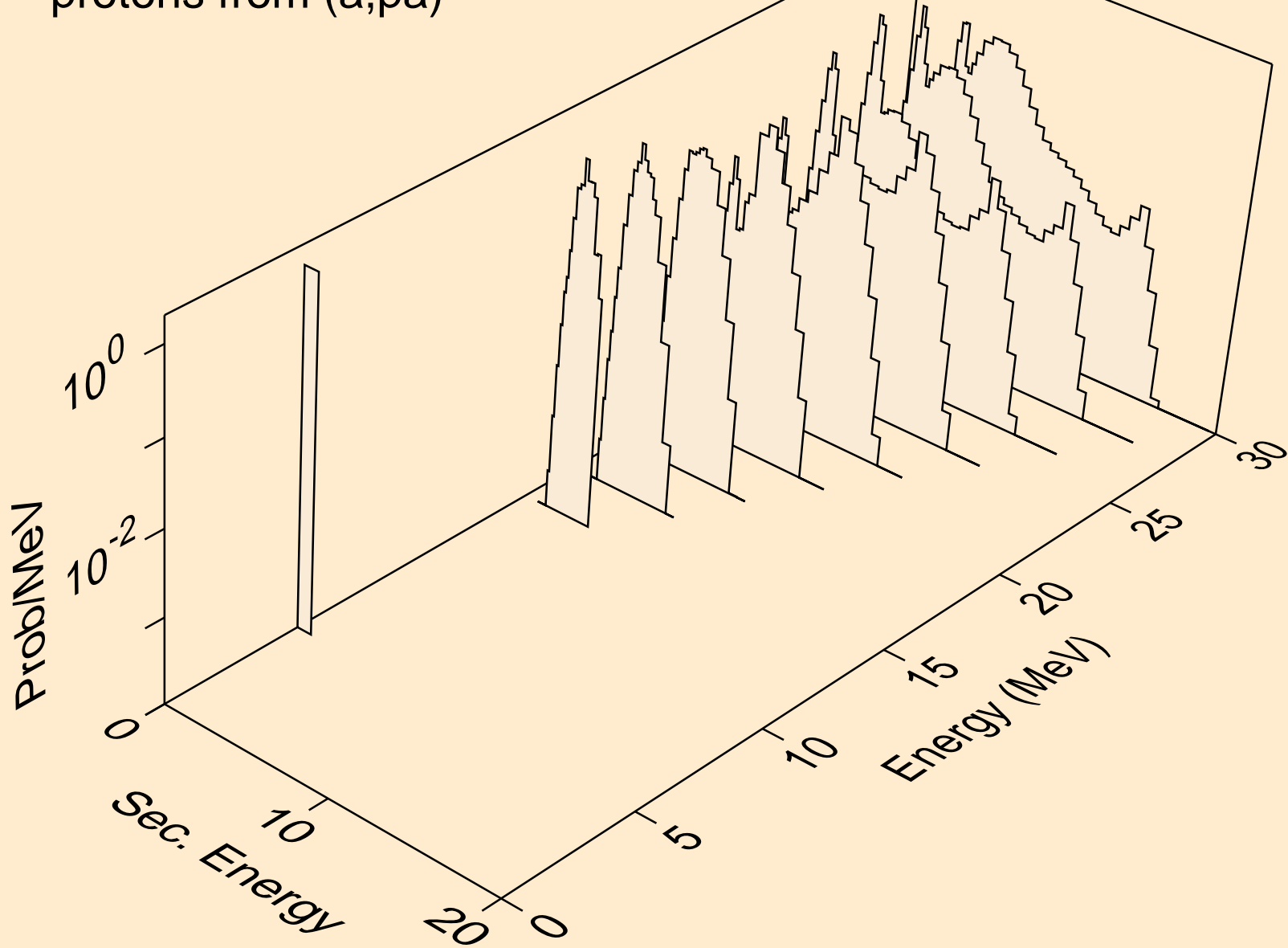




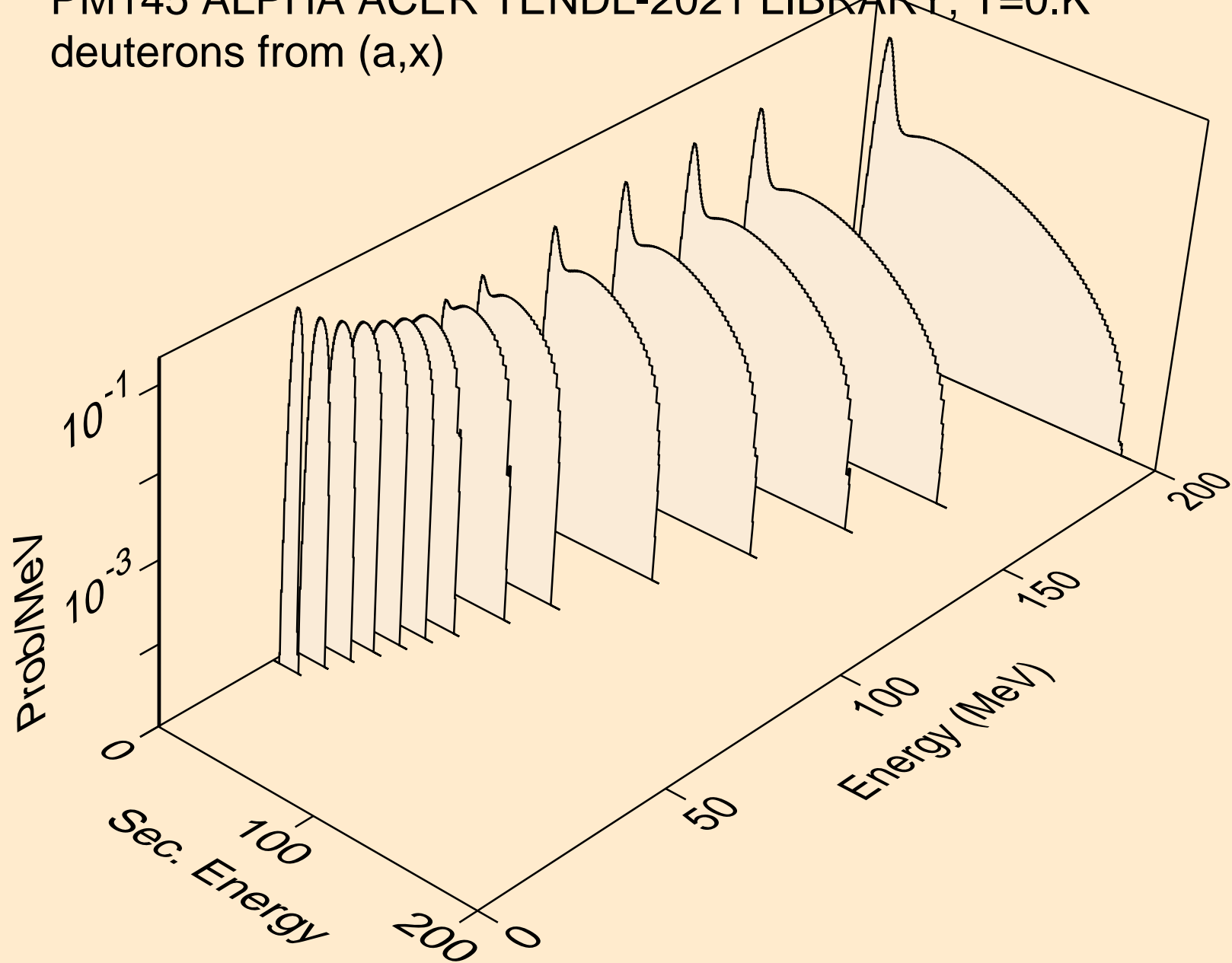
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



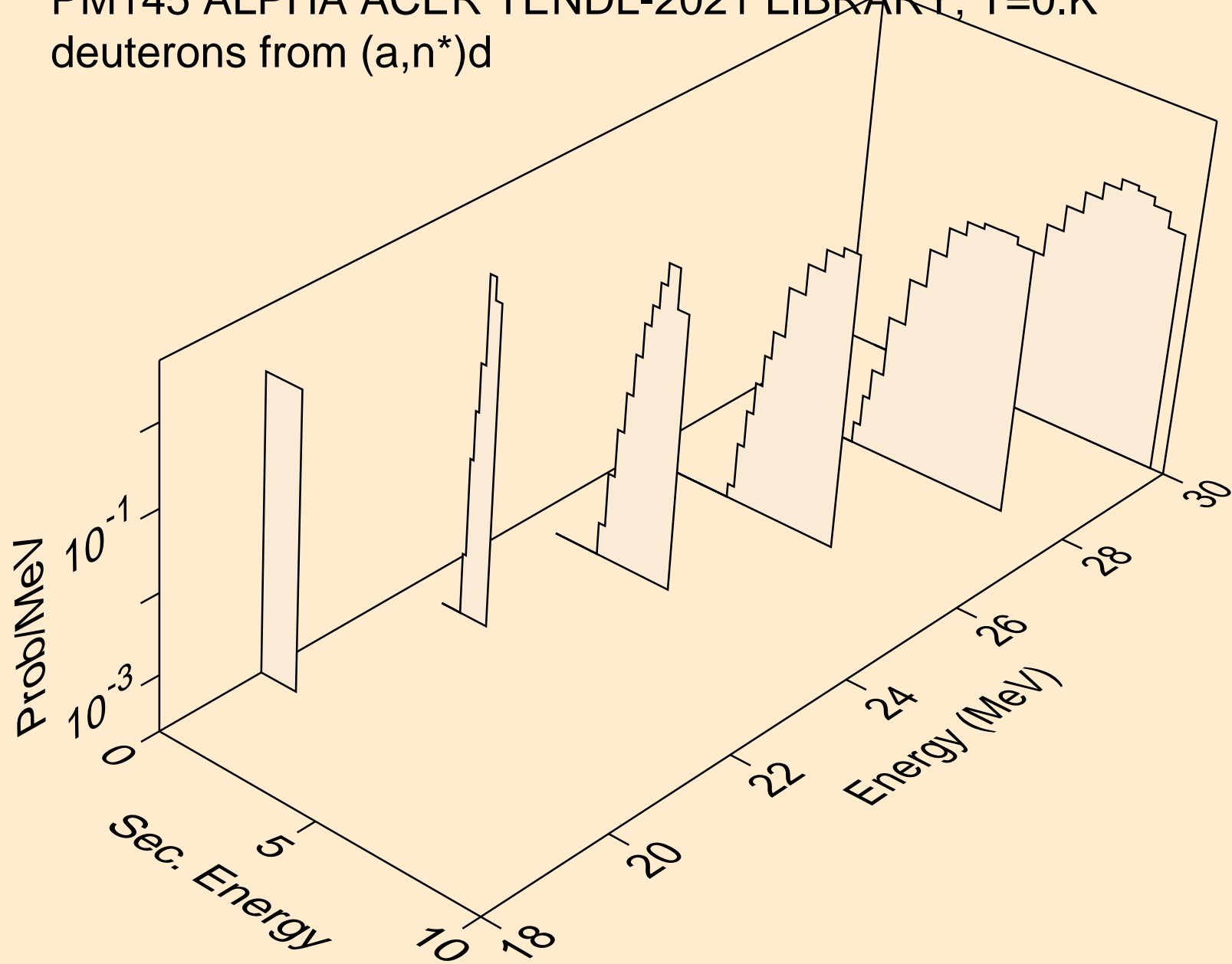
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



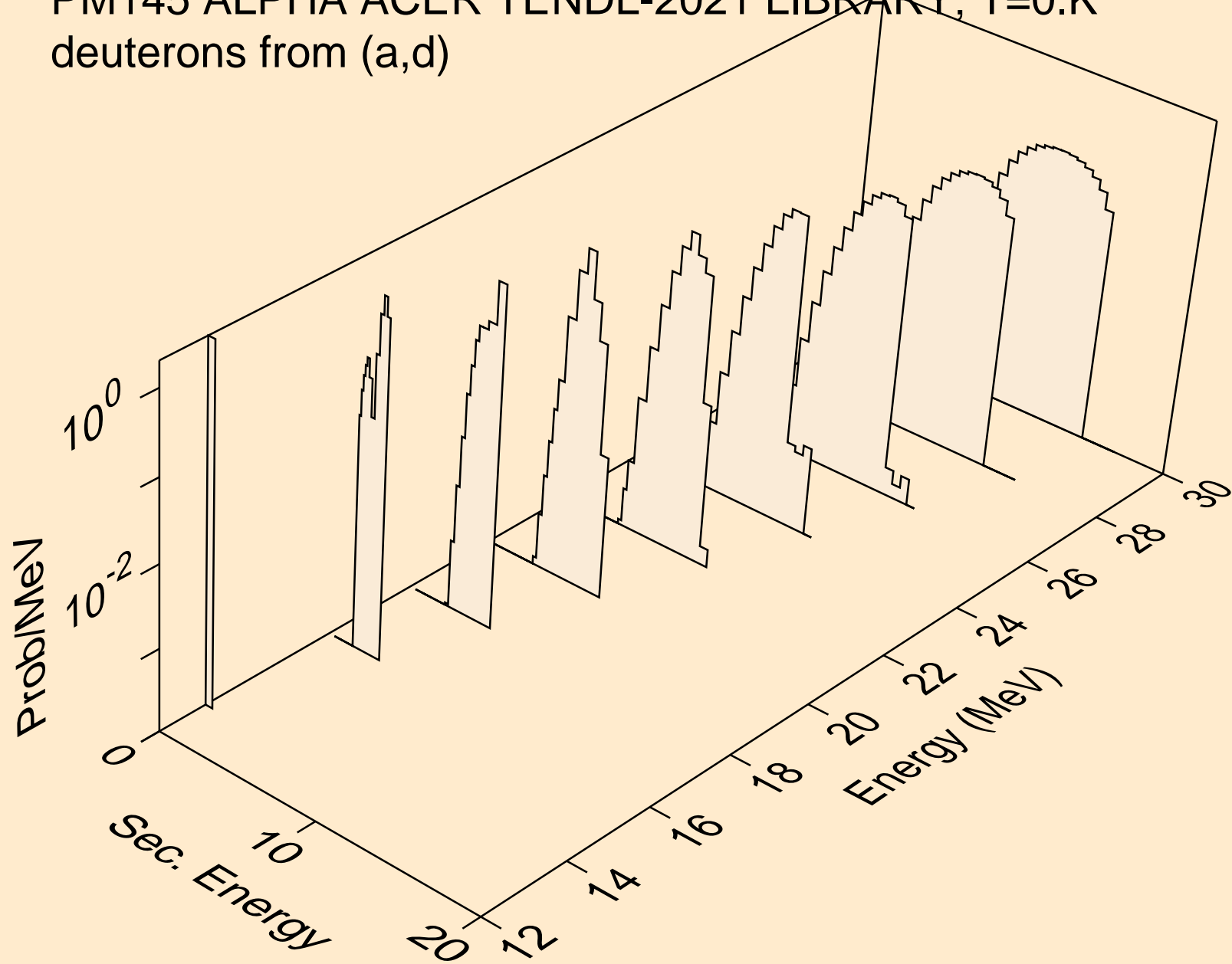
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



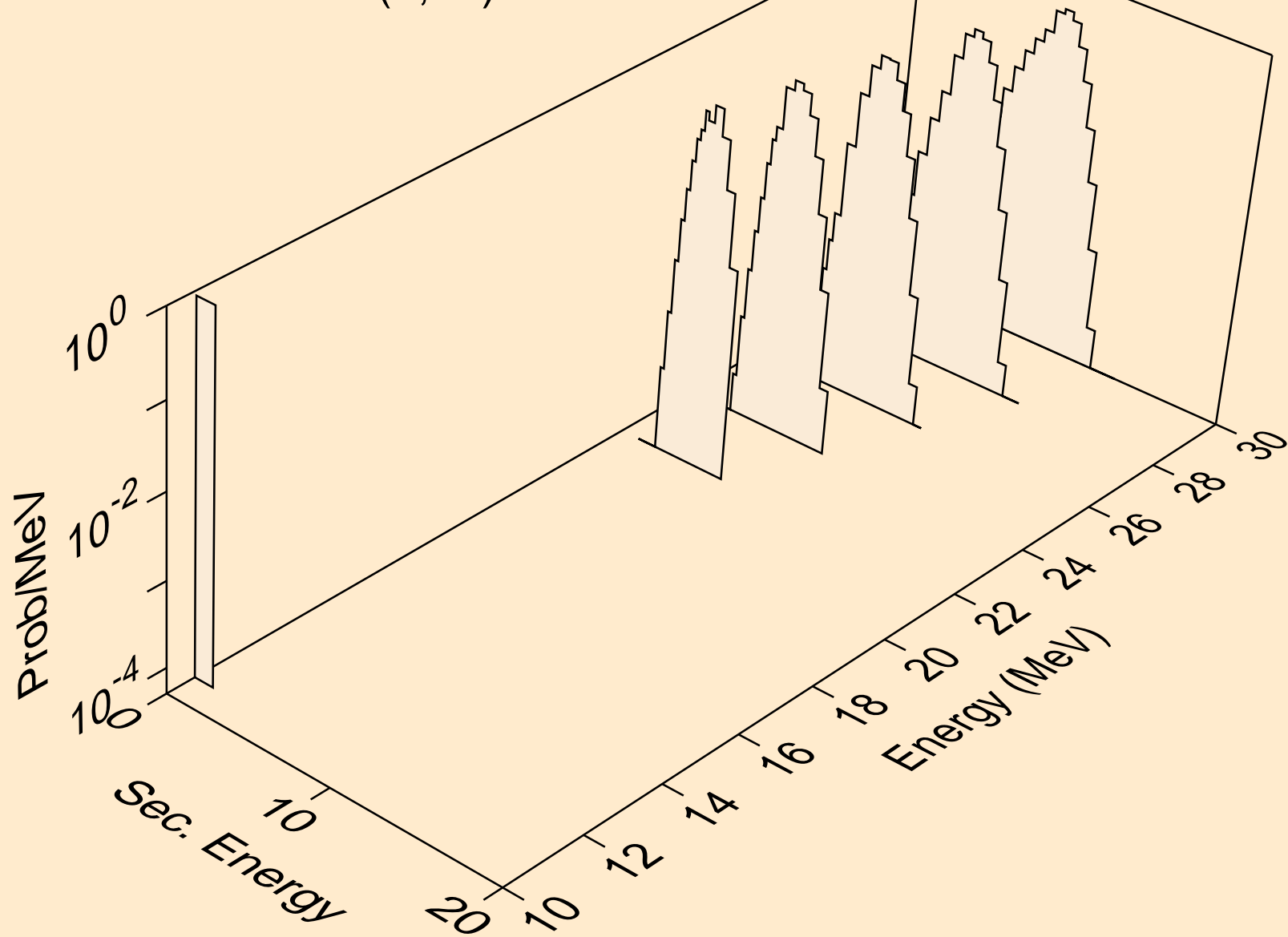
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



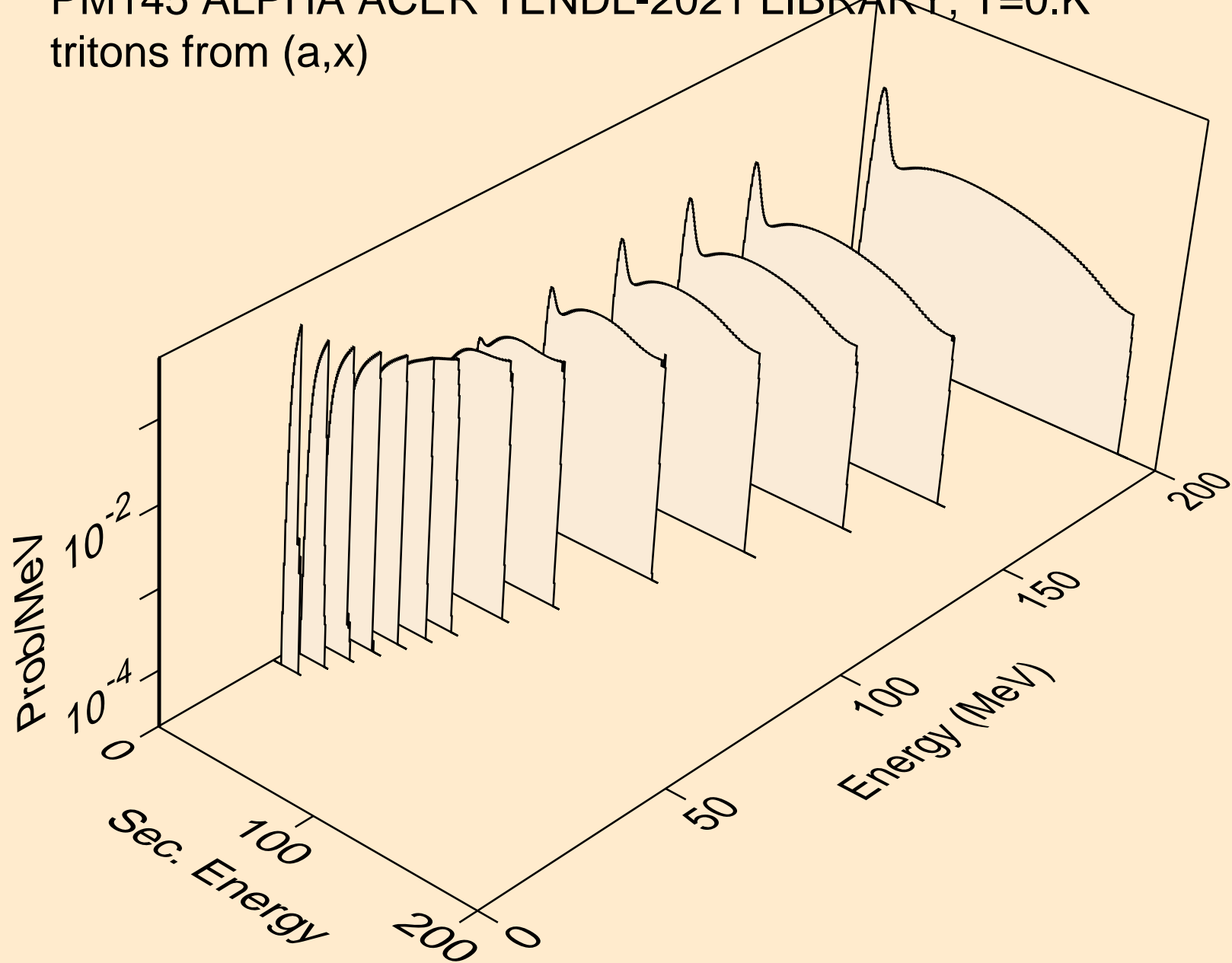
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



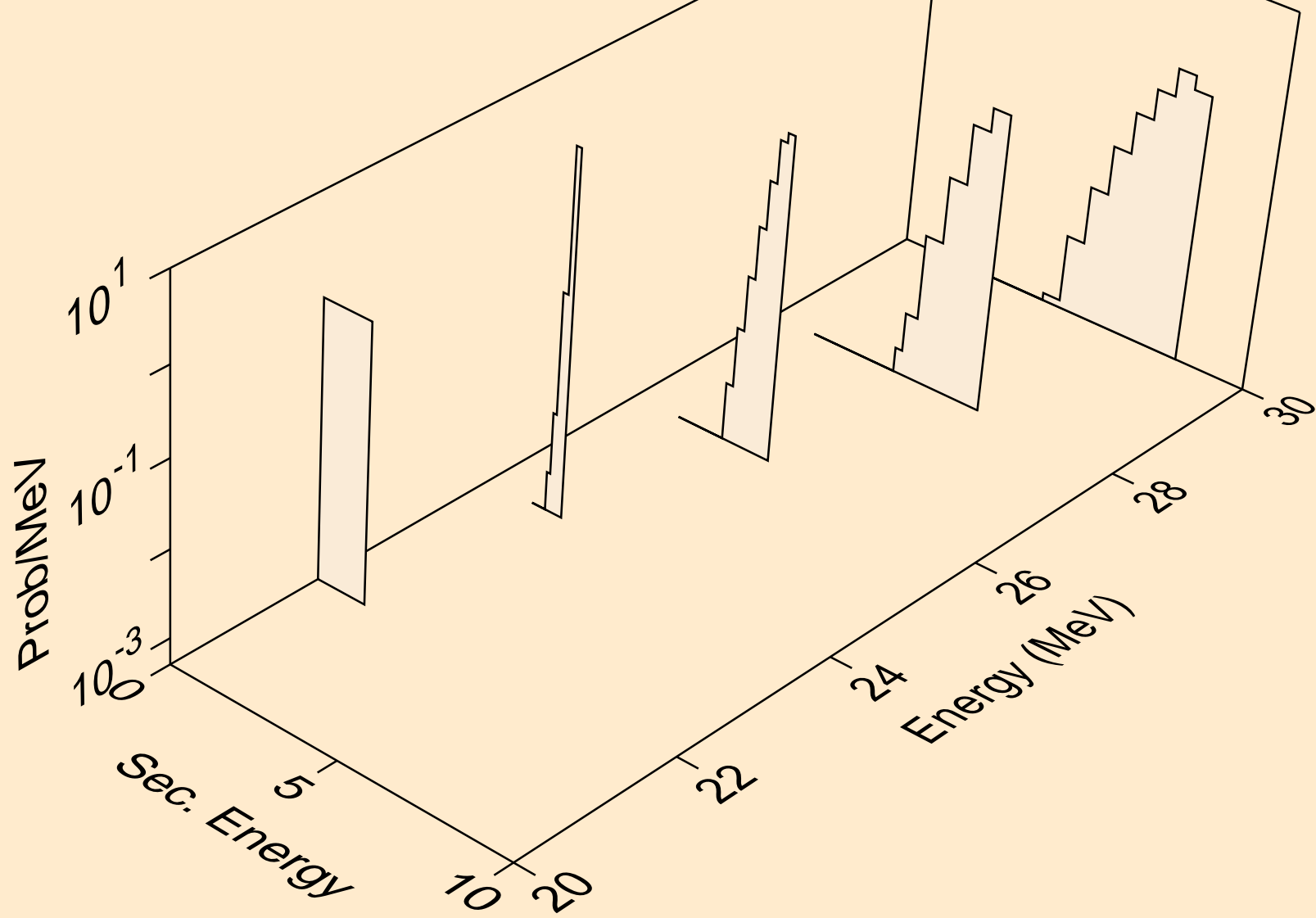
PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

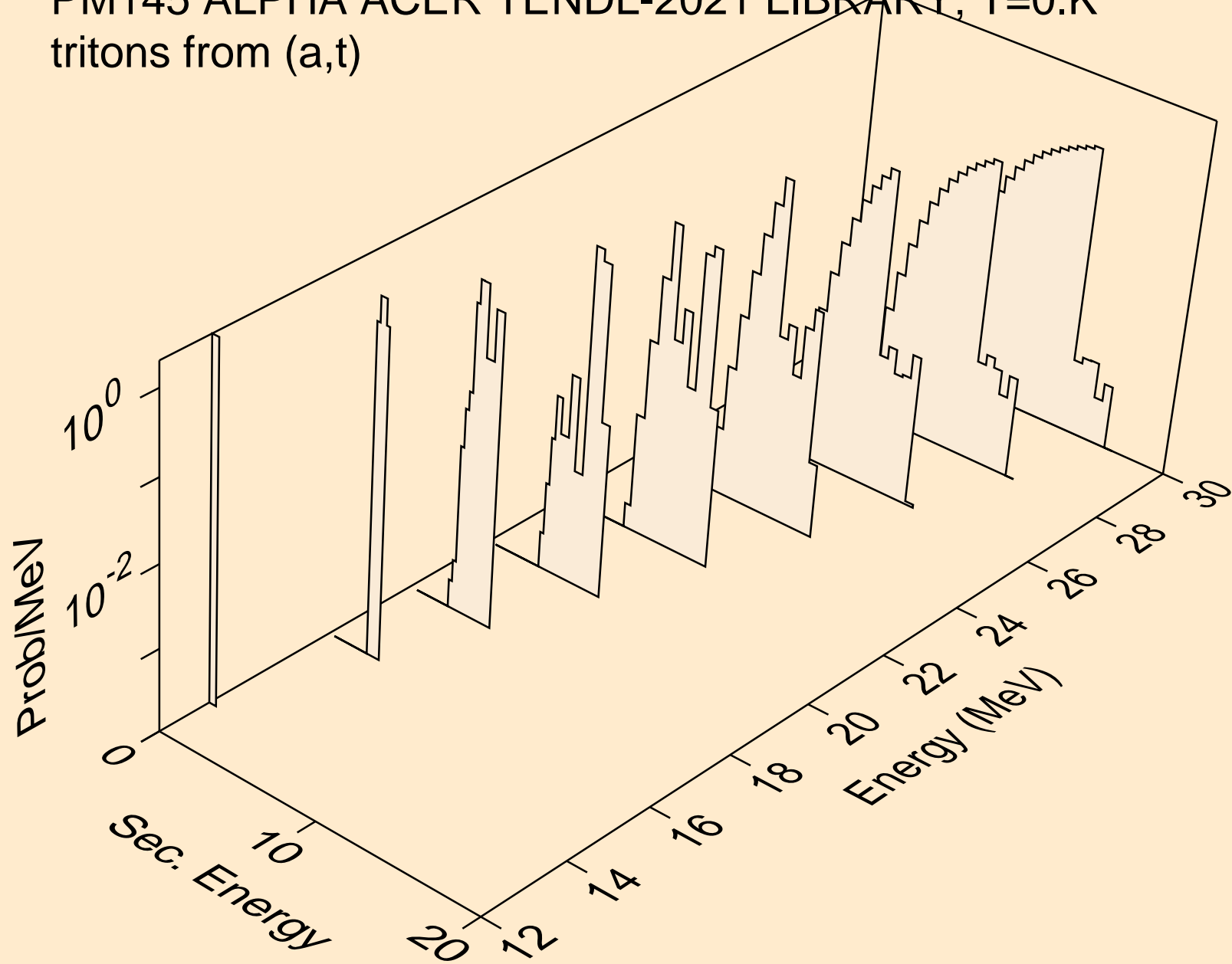


PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t

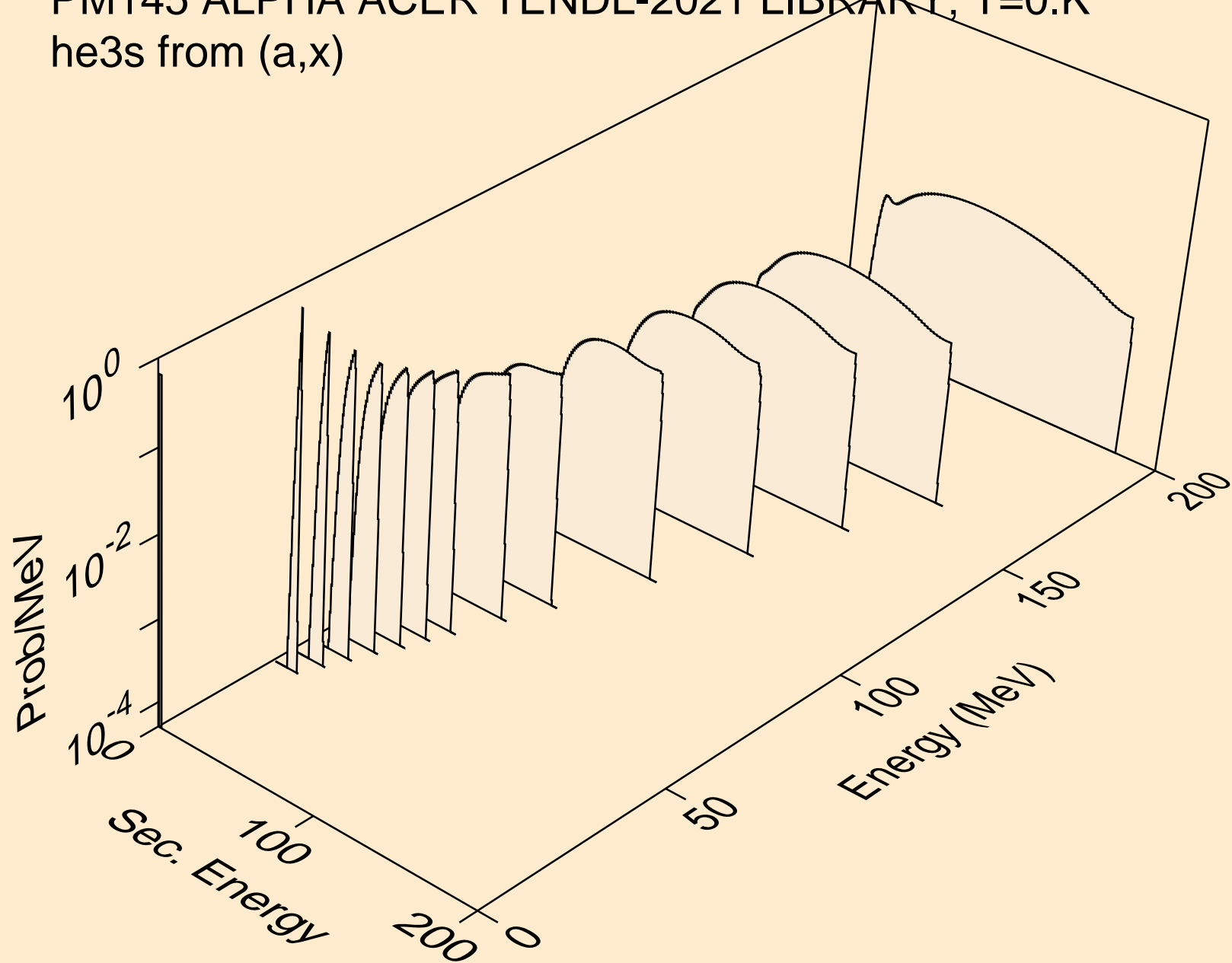




PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



PM145 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

