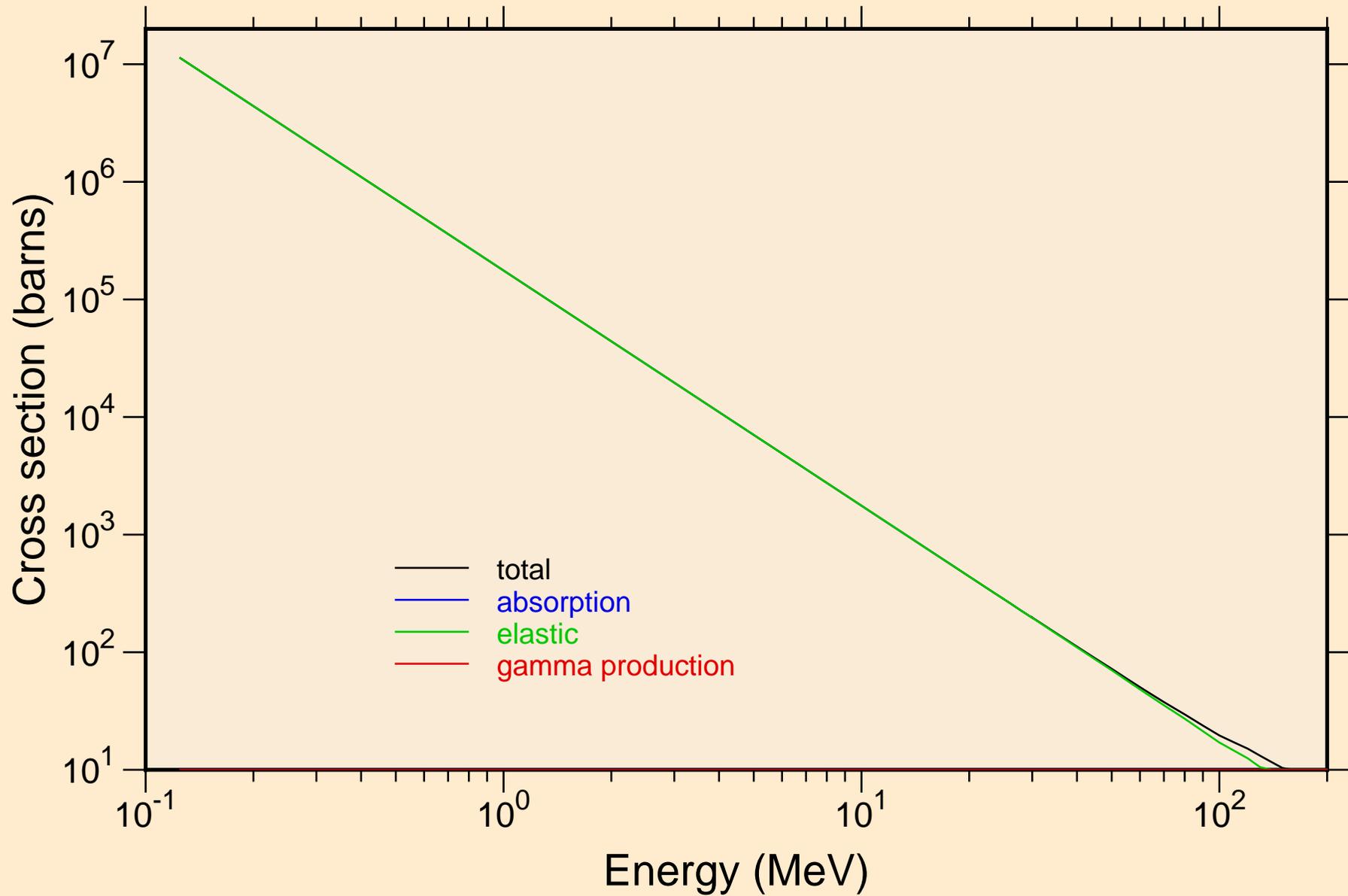
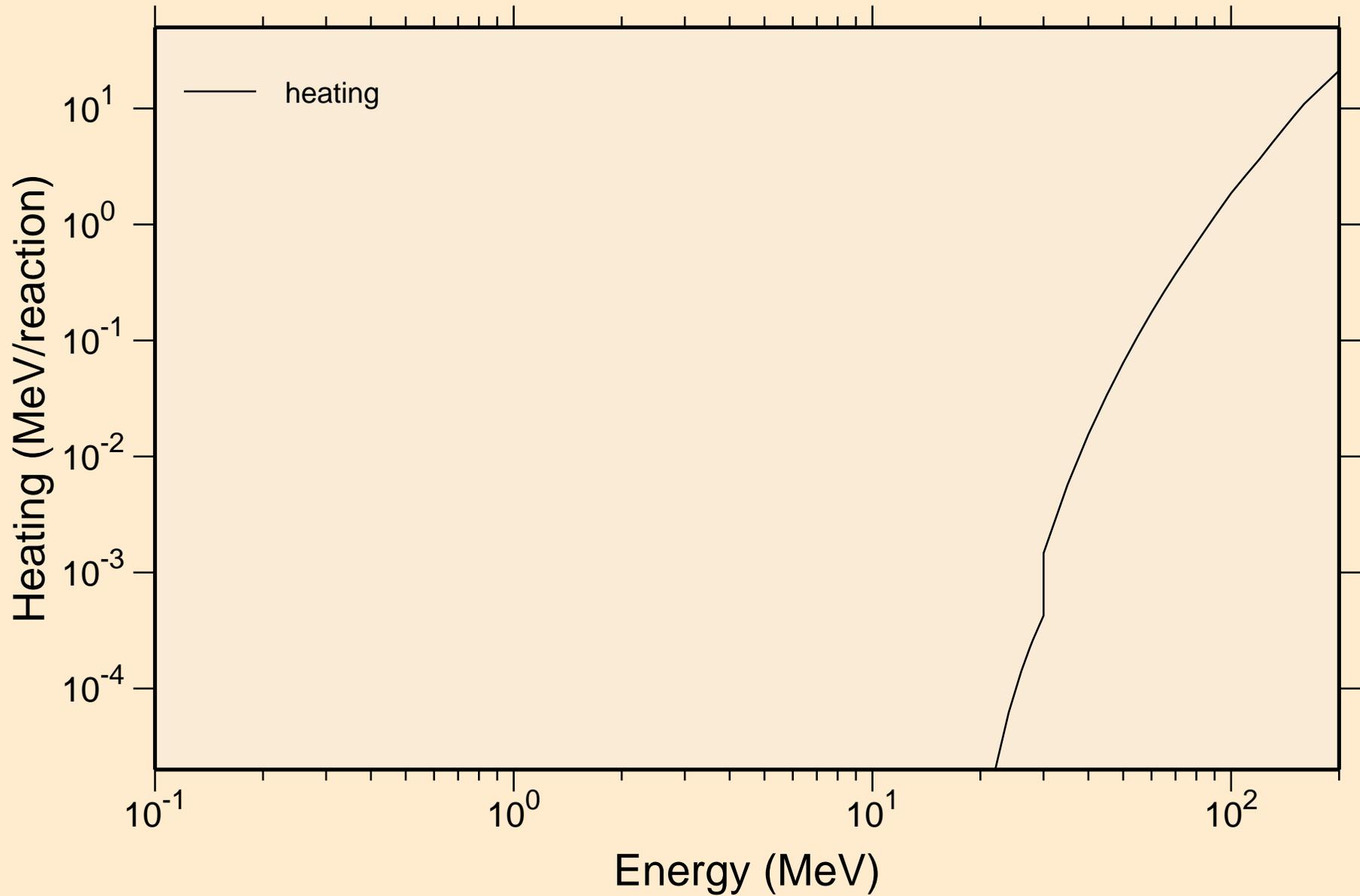


BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



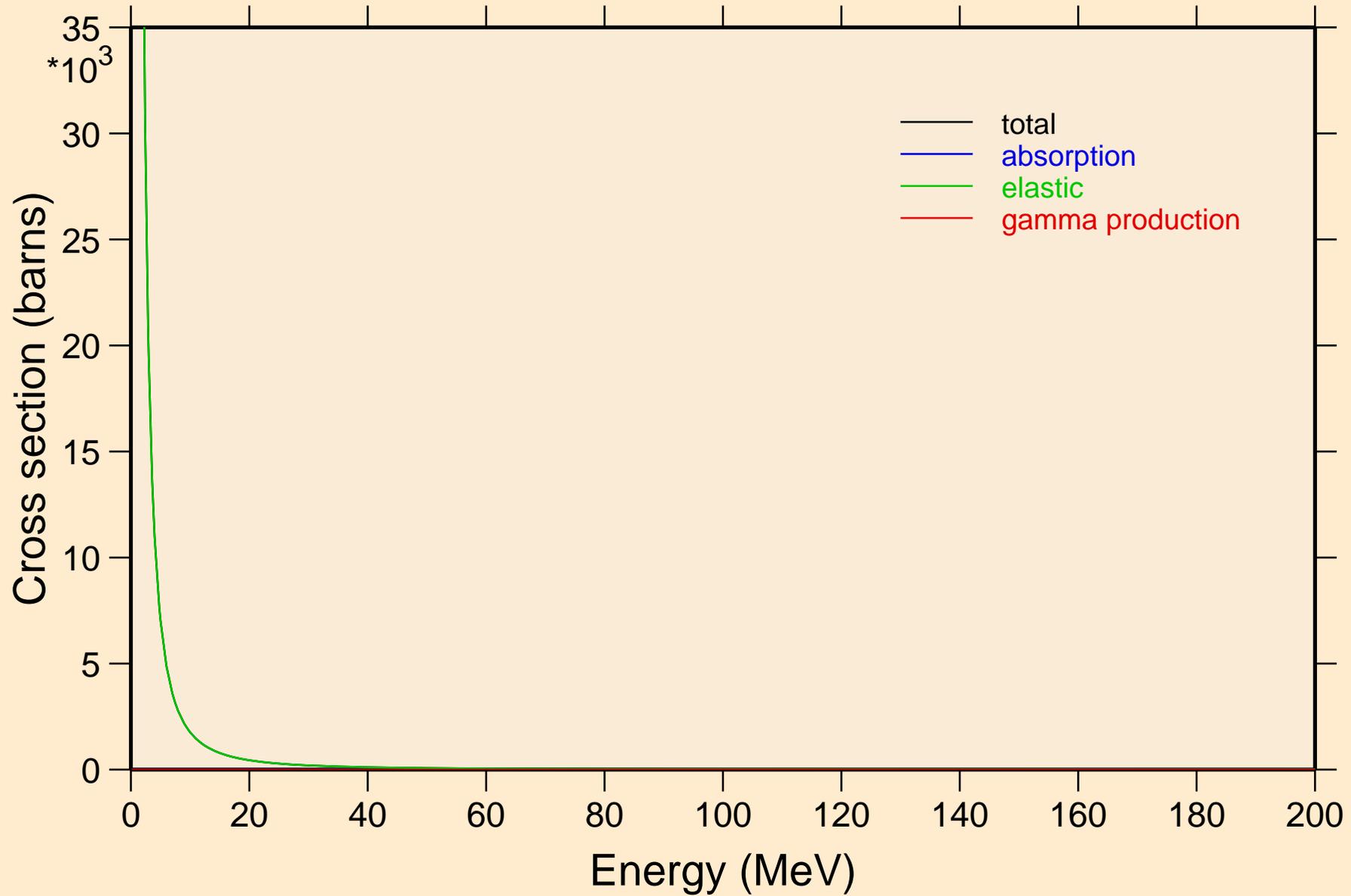
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



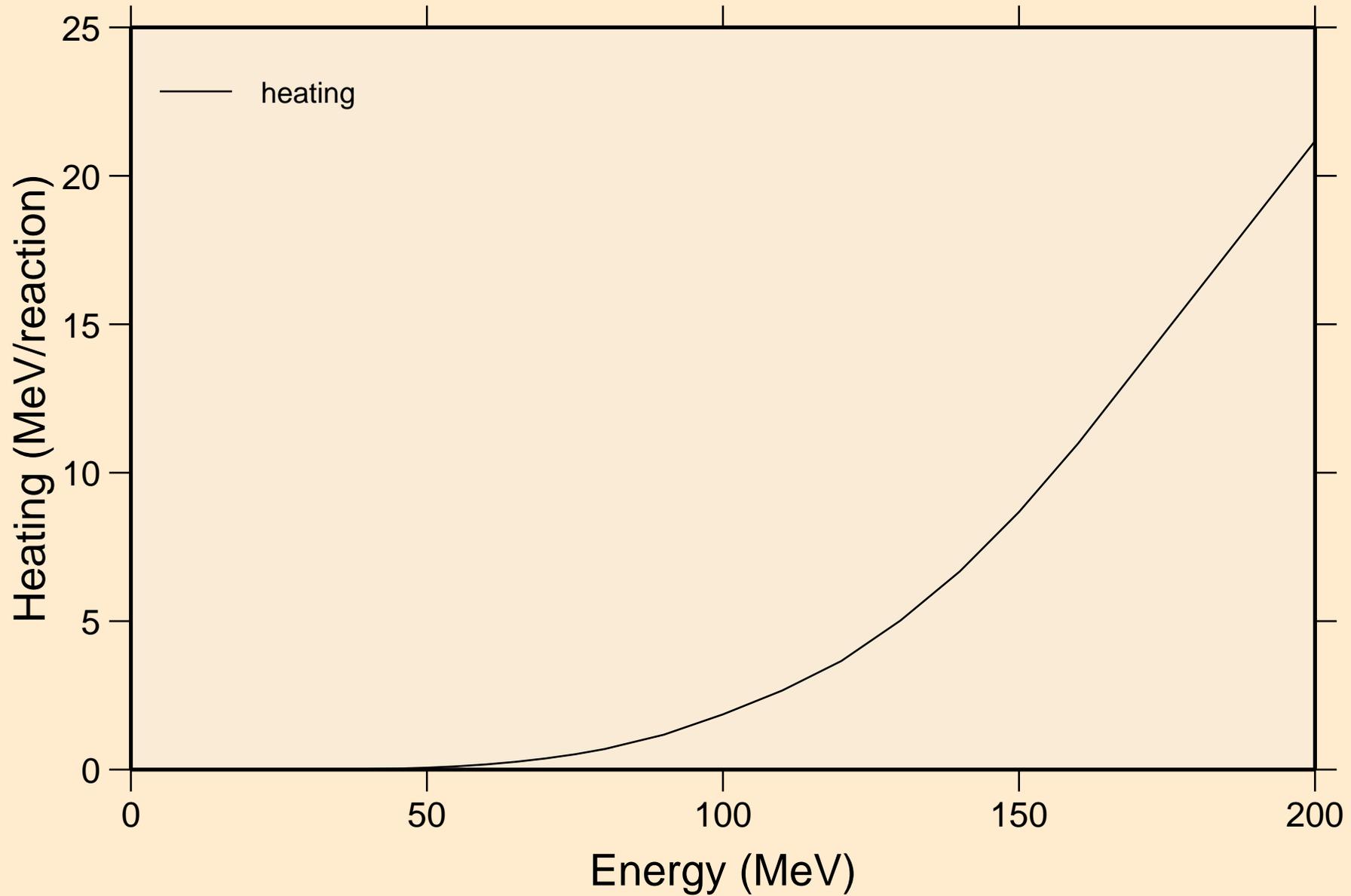
# BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

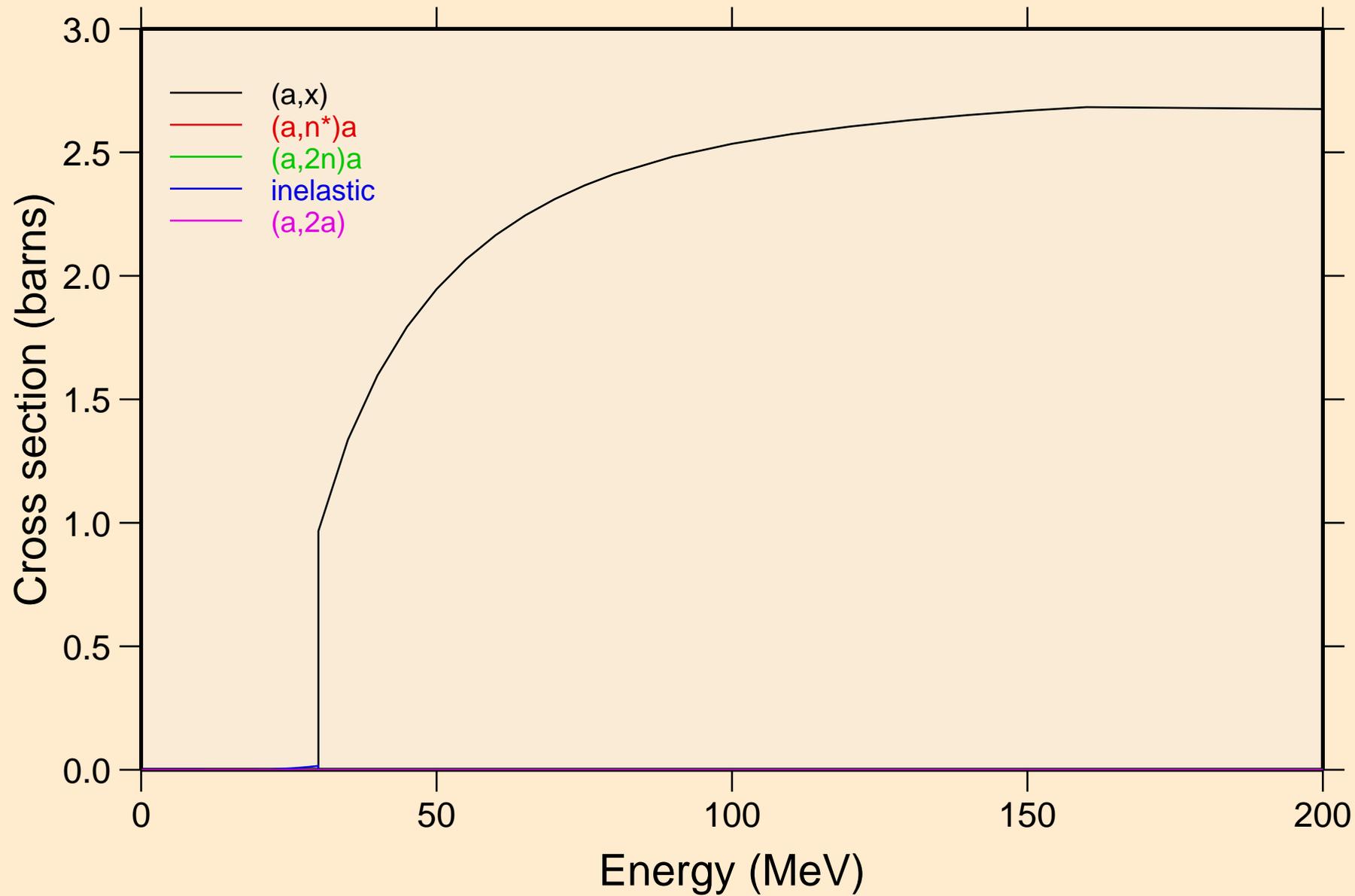


BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

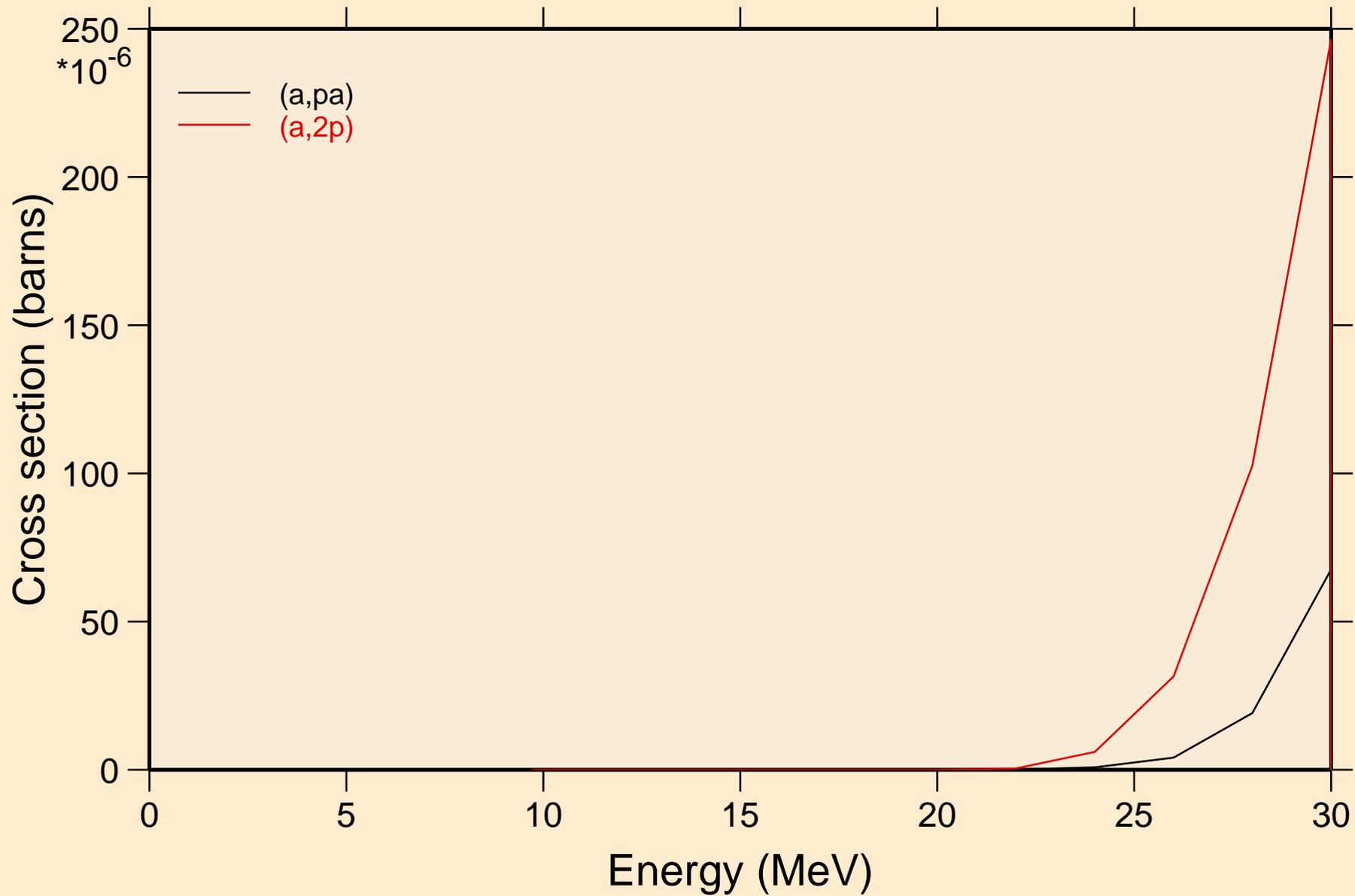
Heating



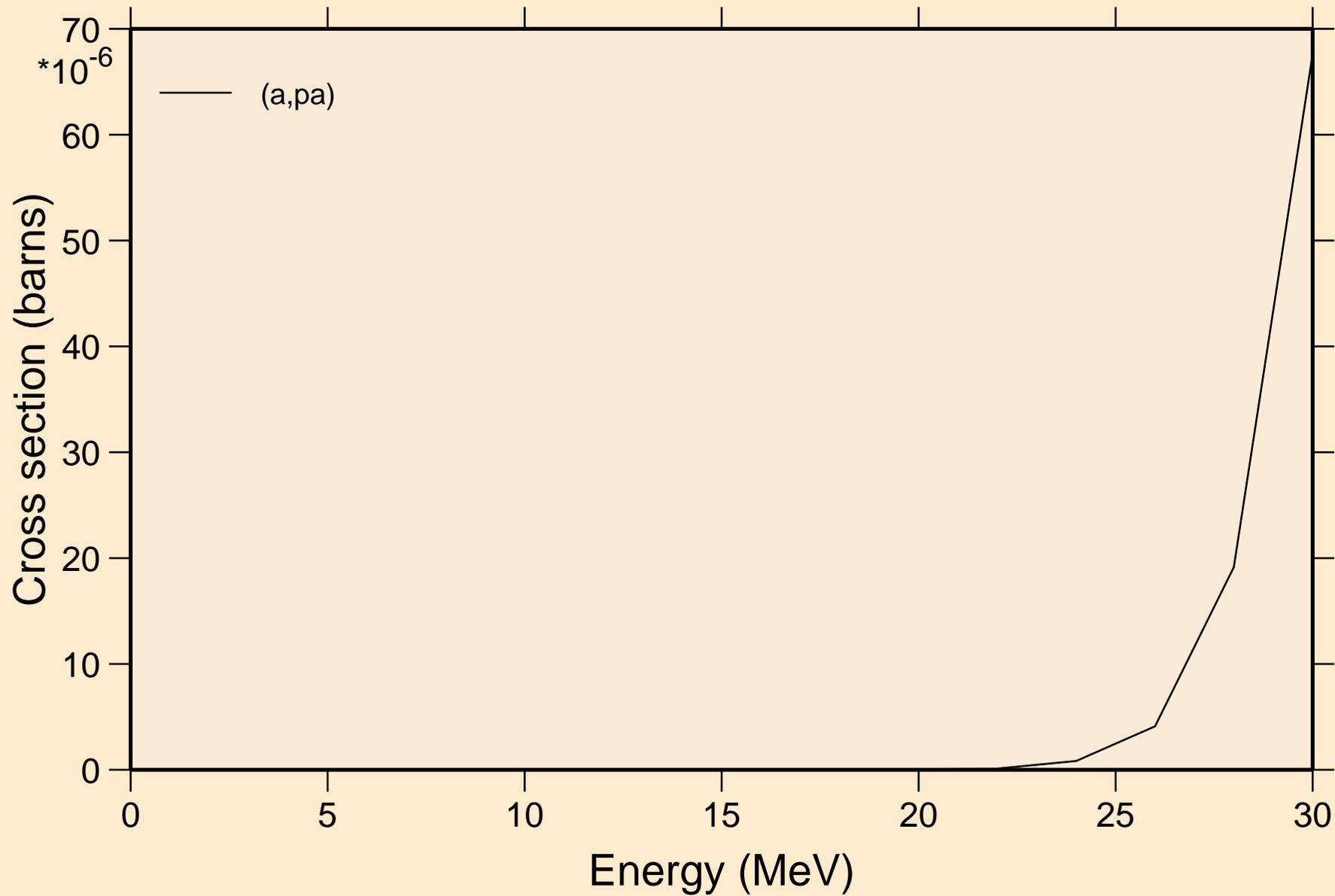
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



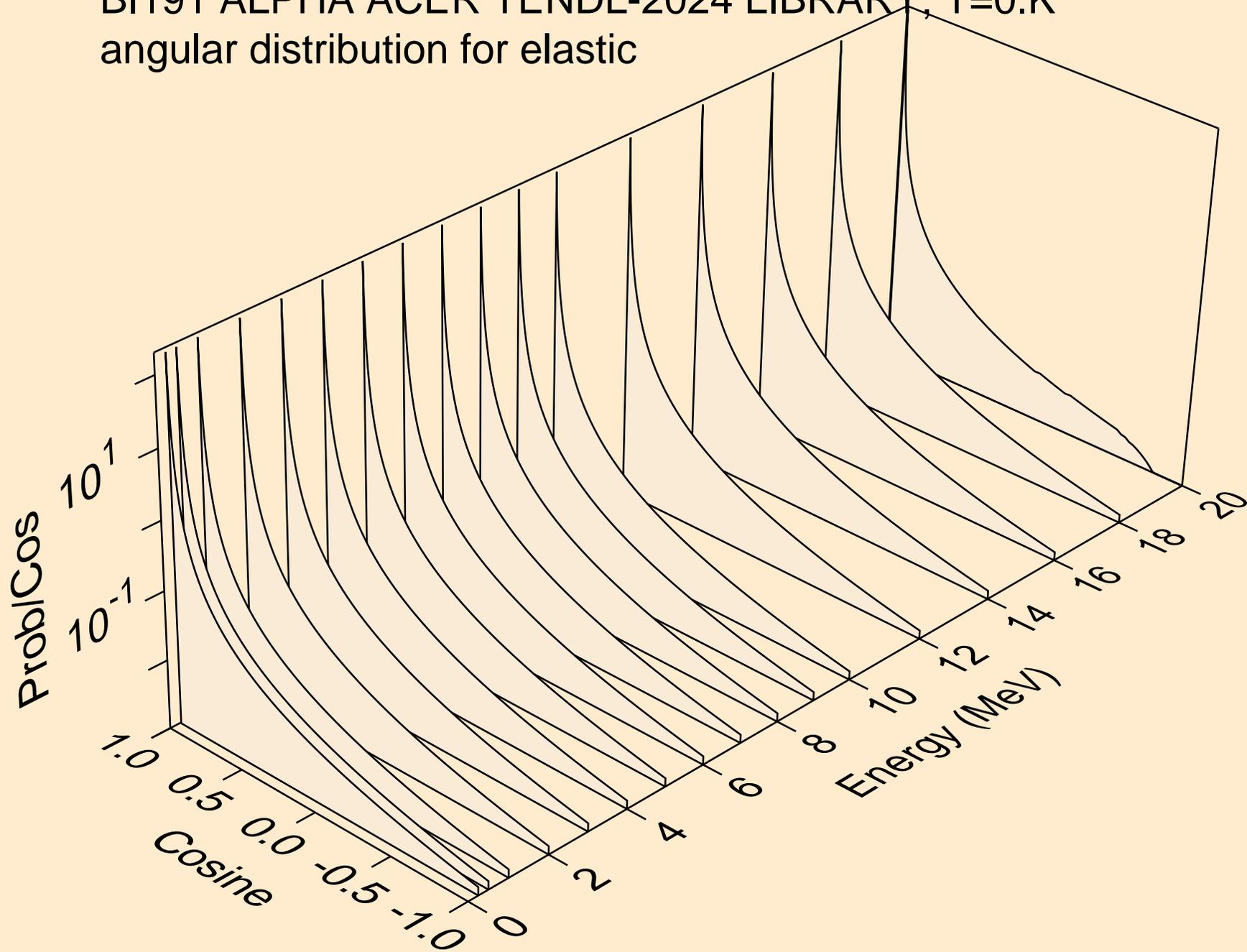
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



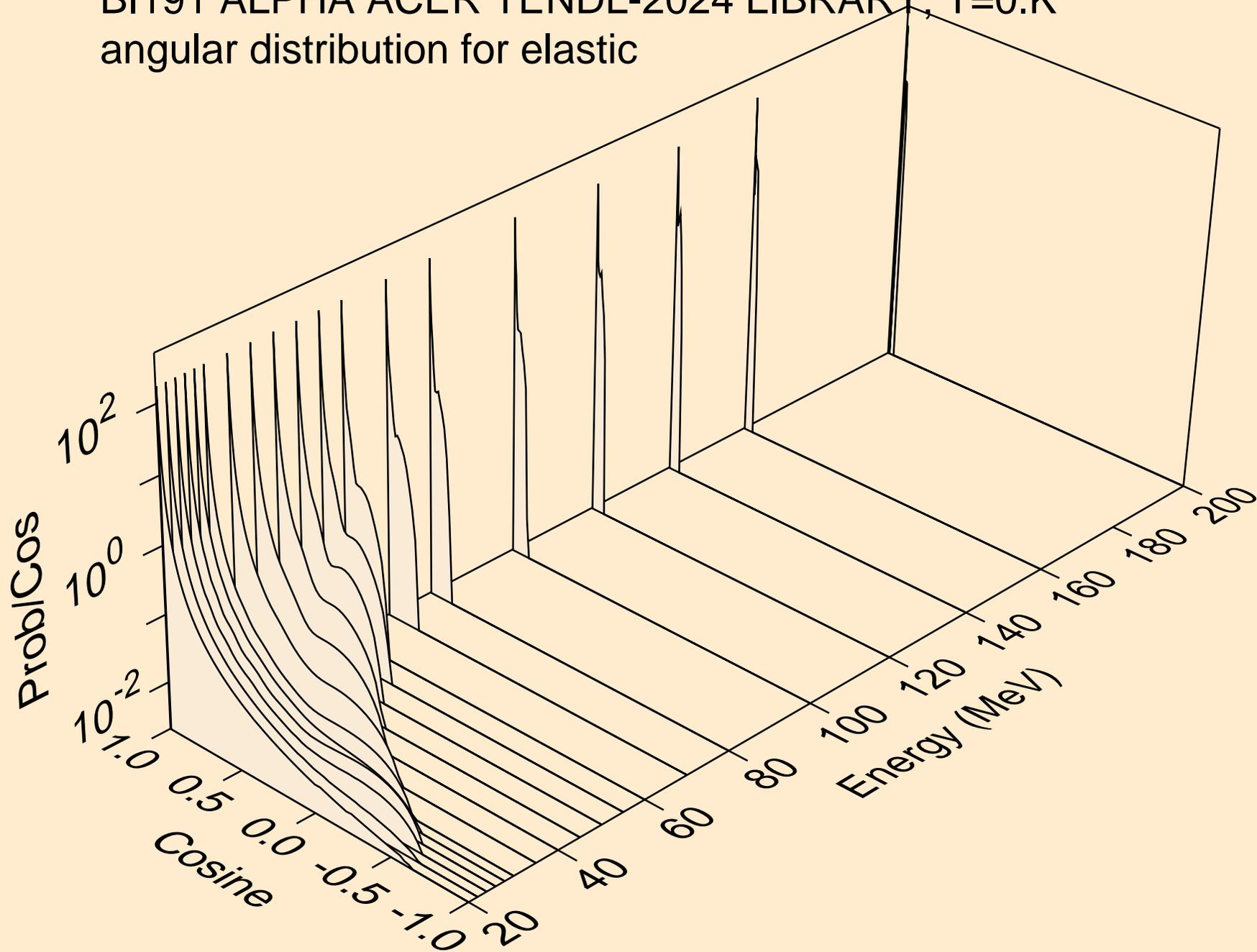
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



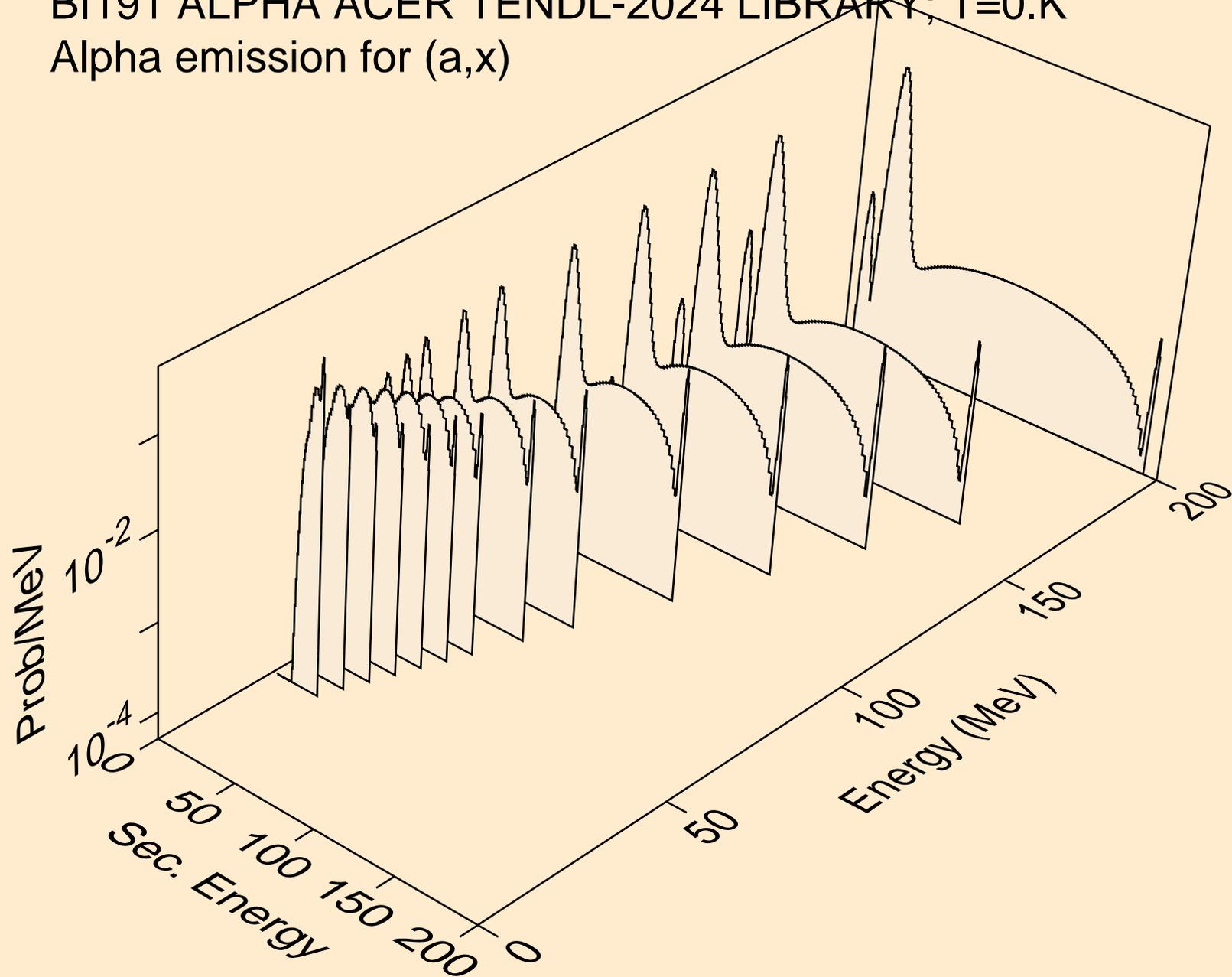
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



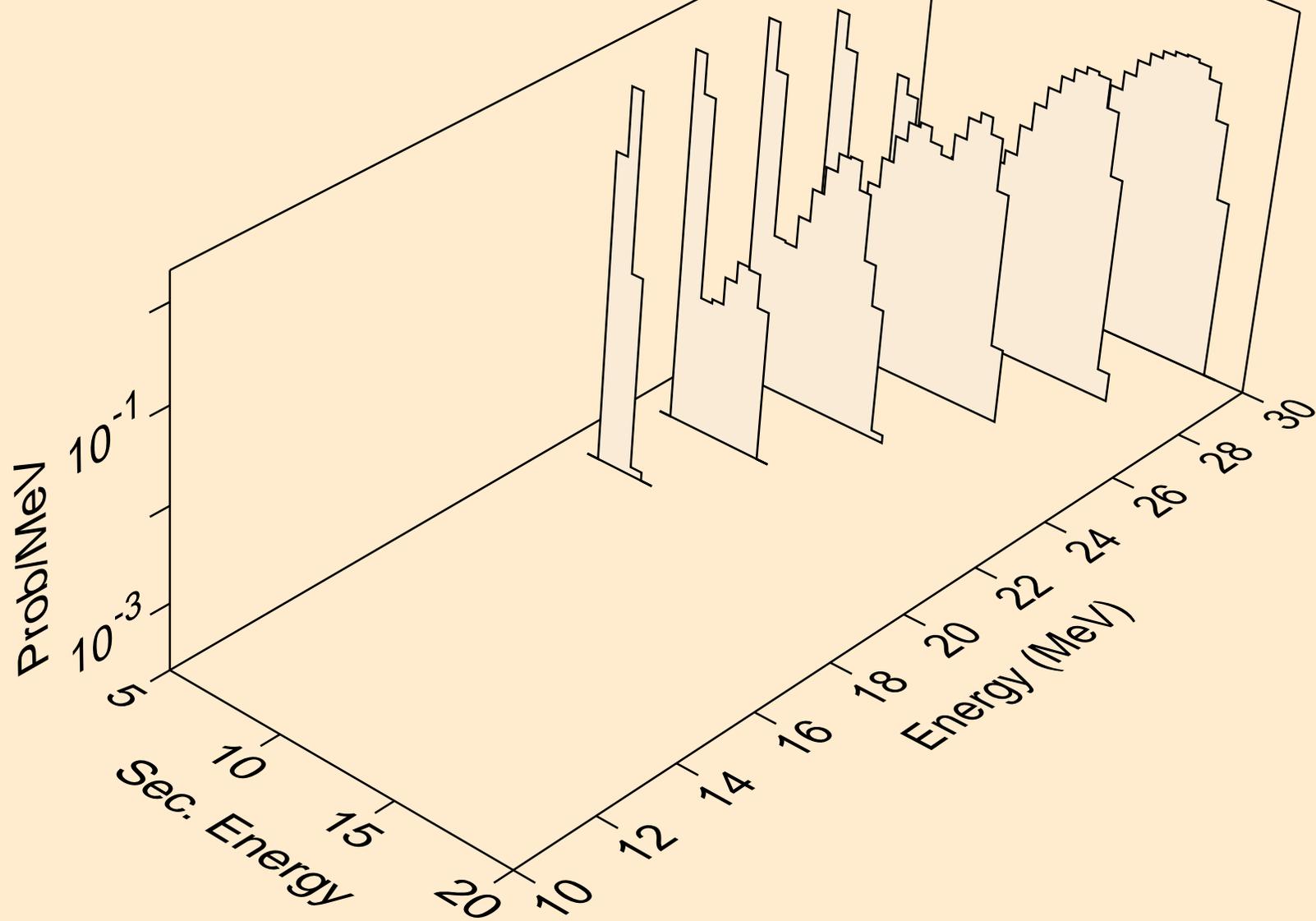
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



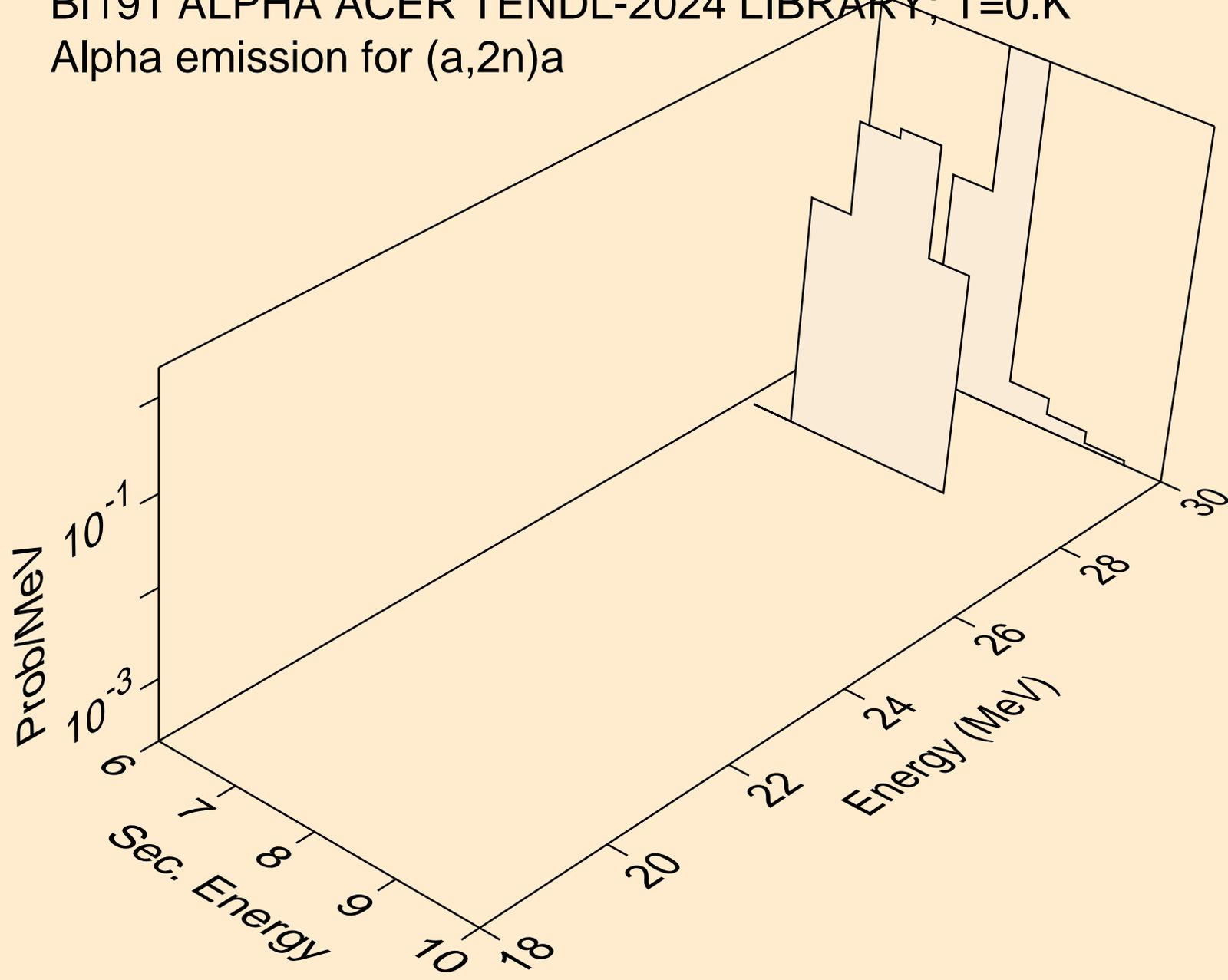
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



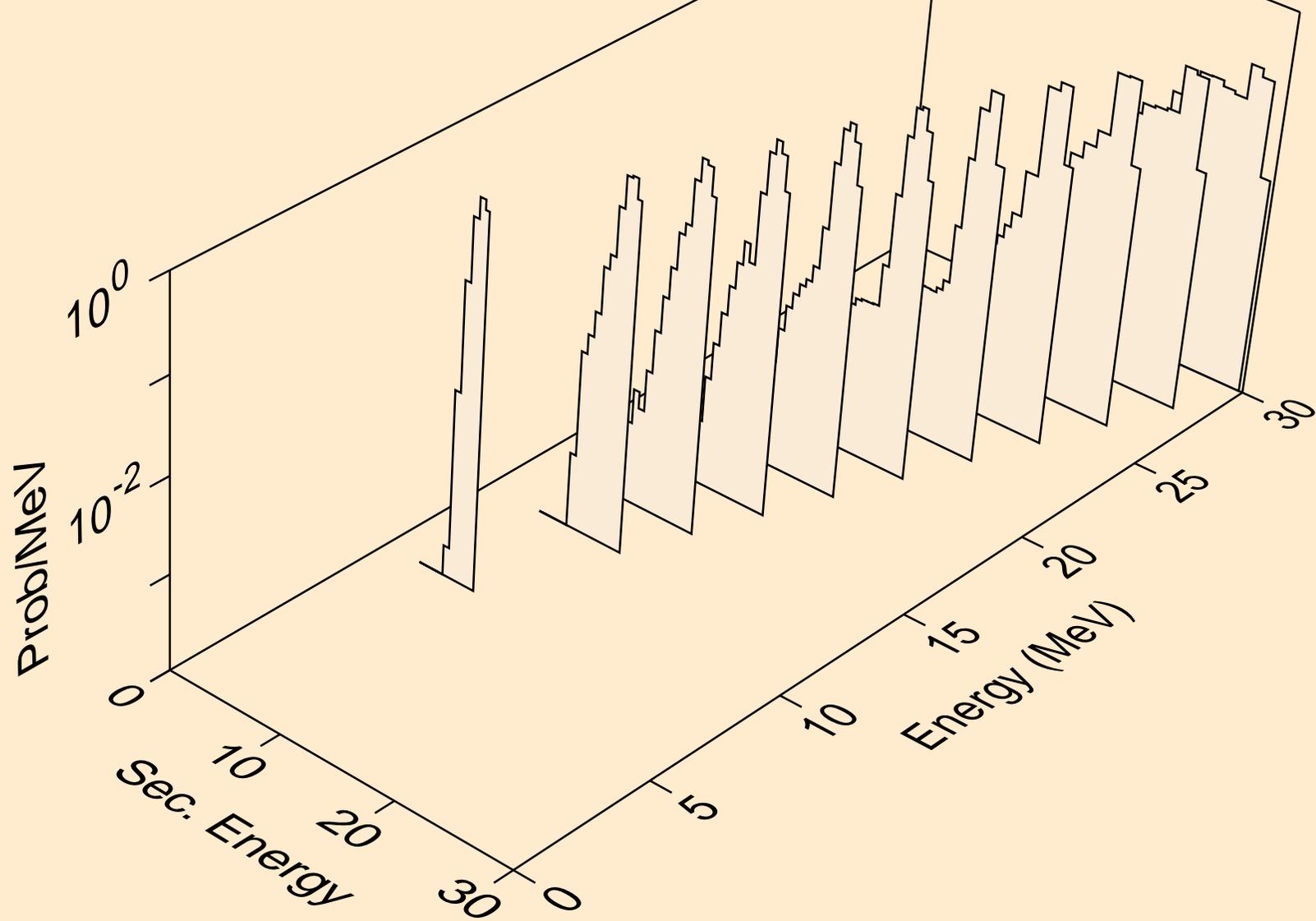
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



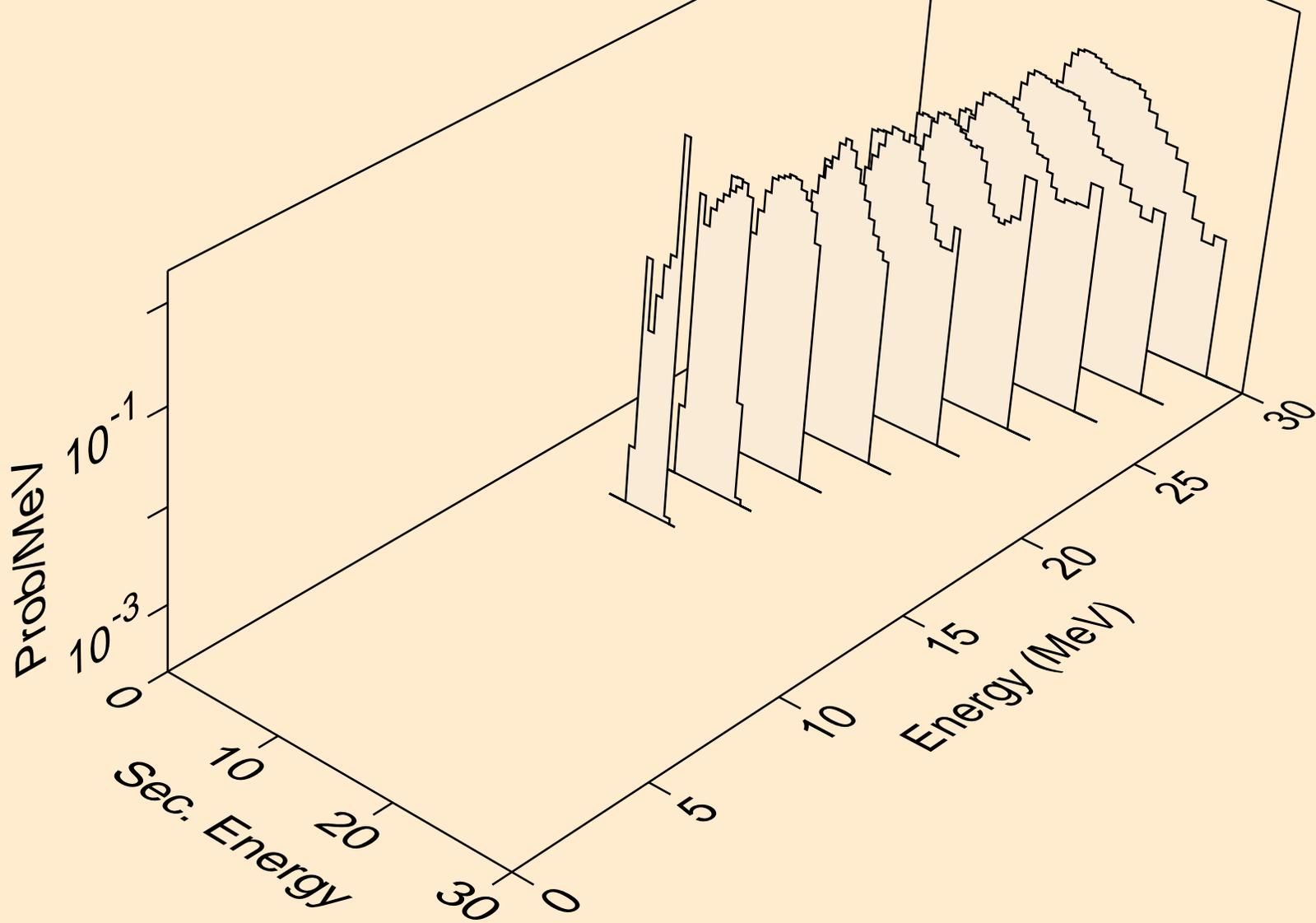
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



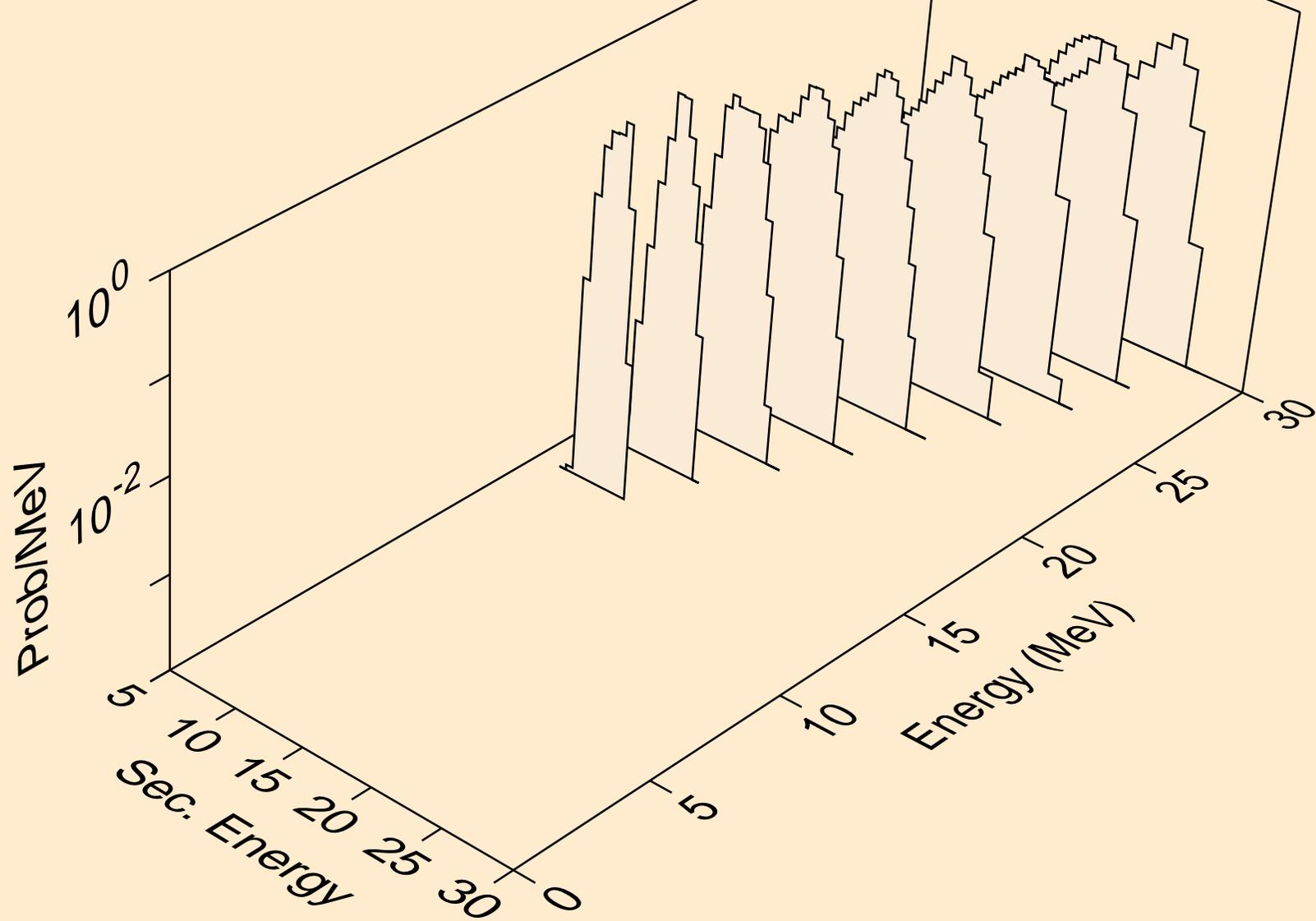
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



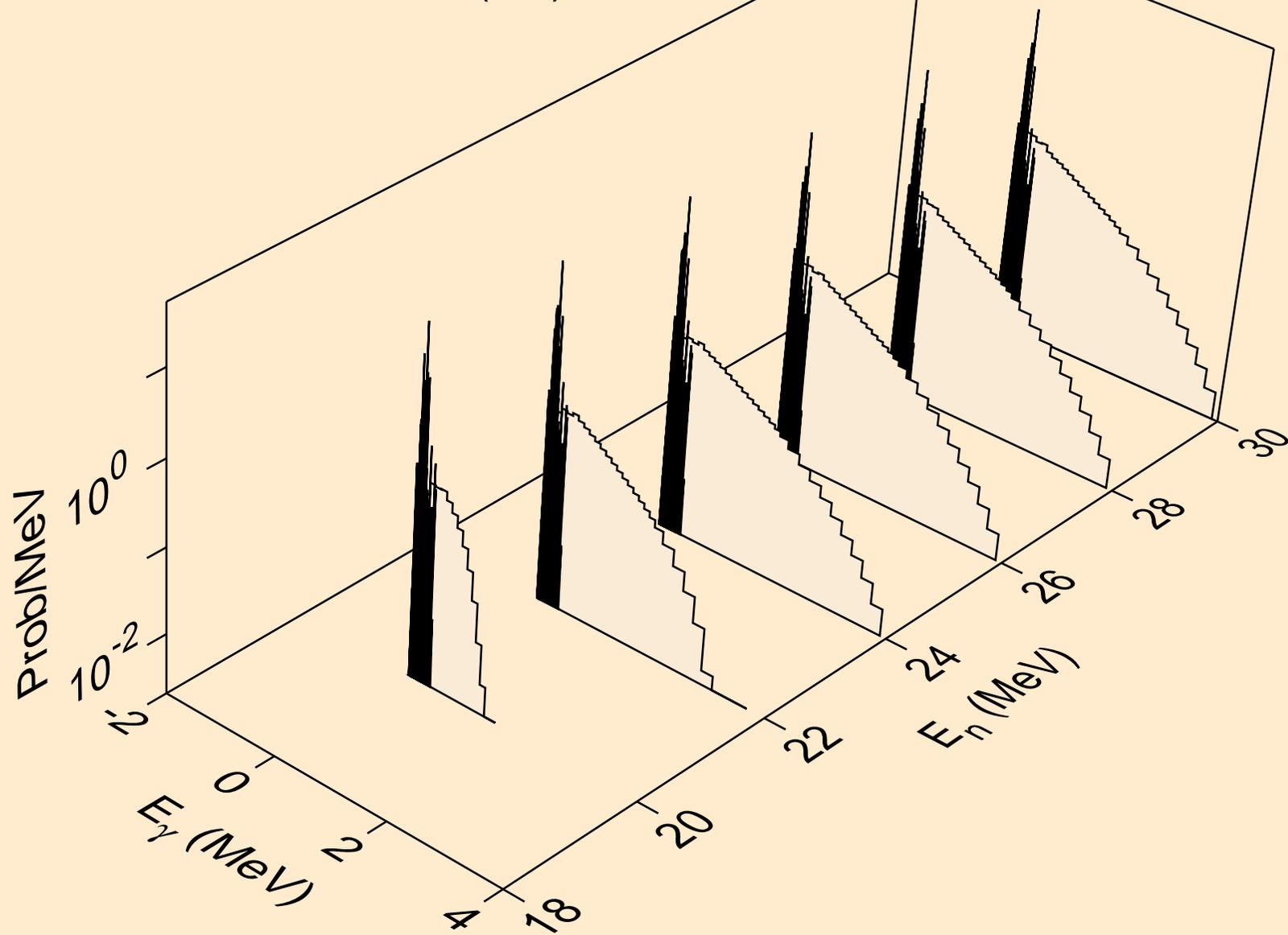
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



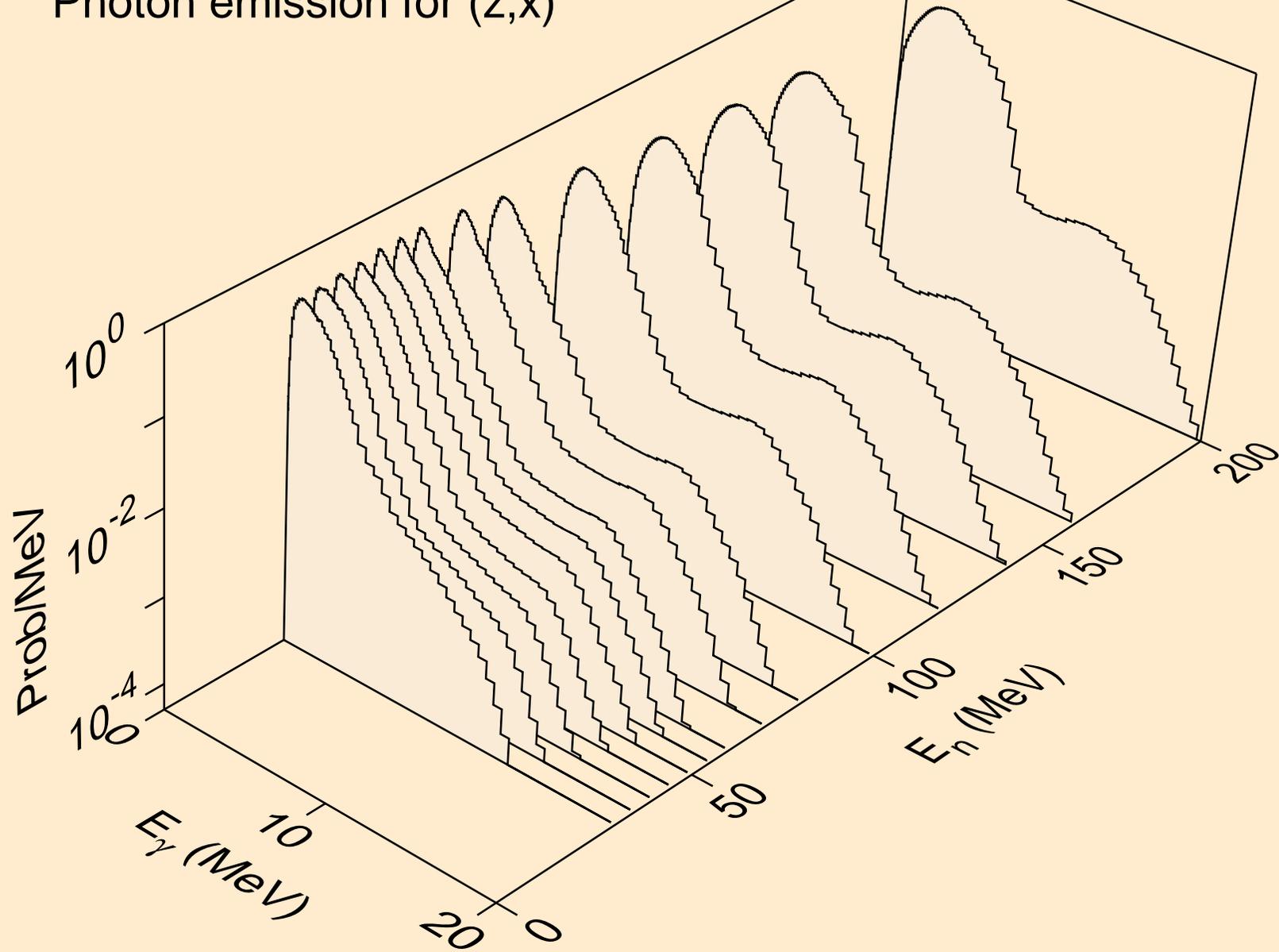
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



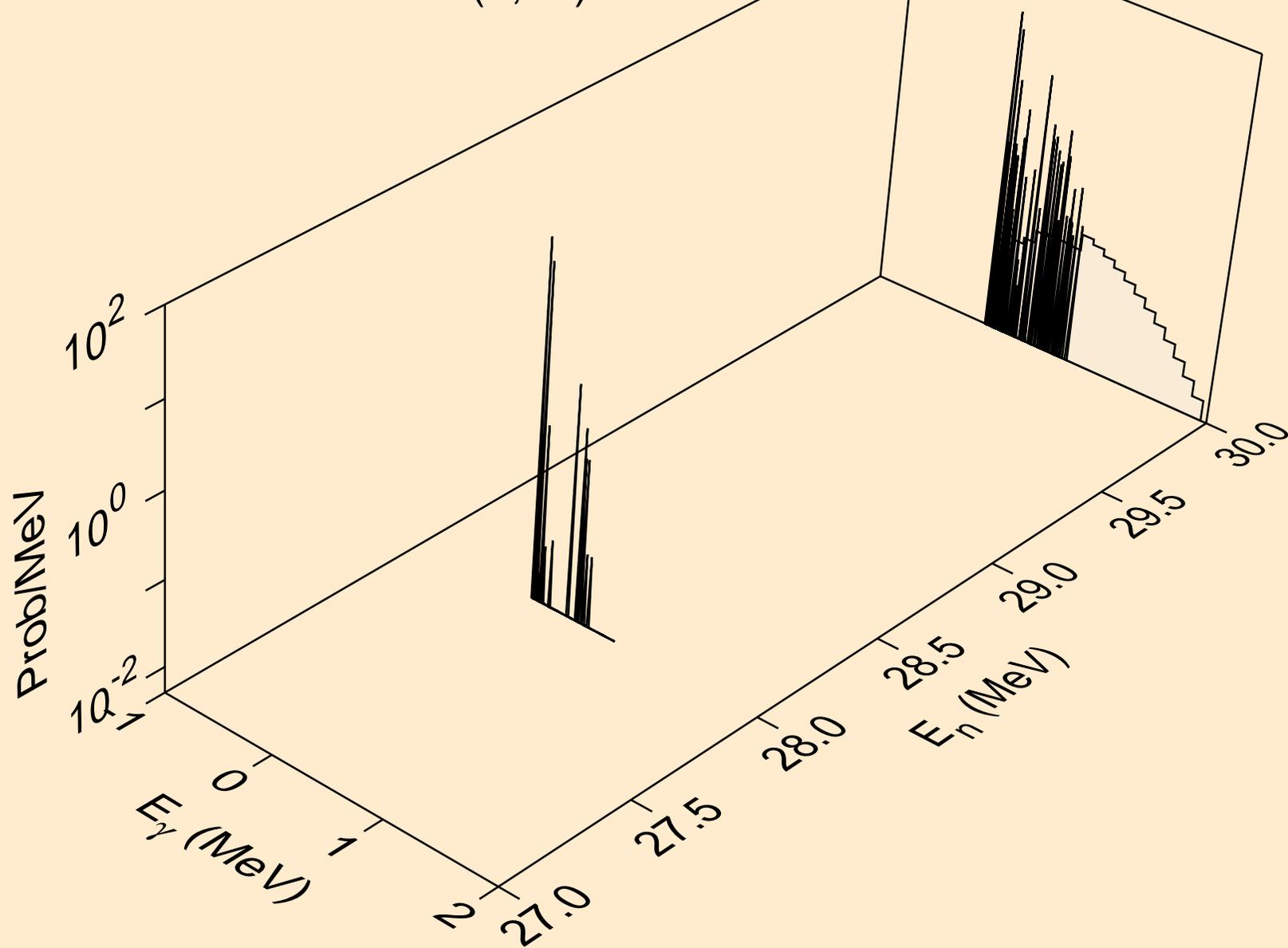
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



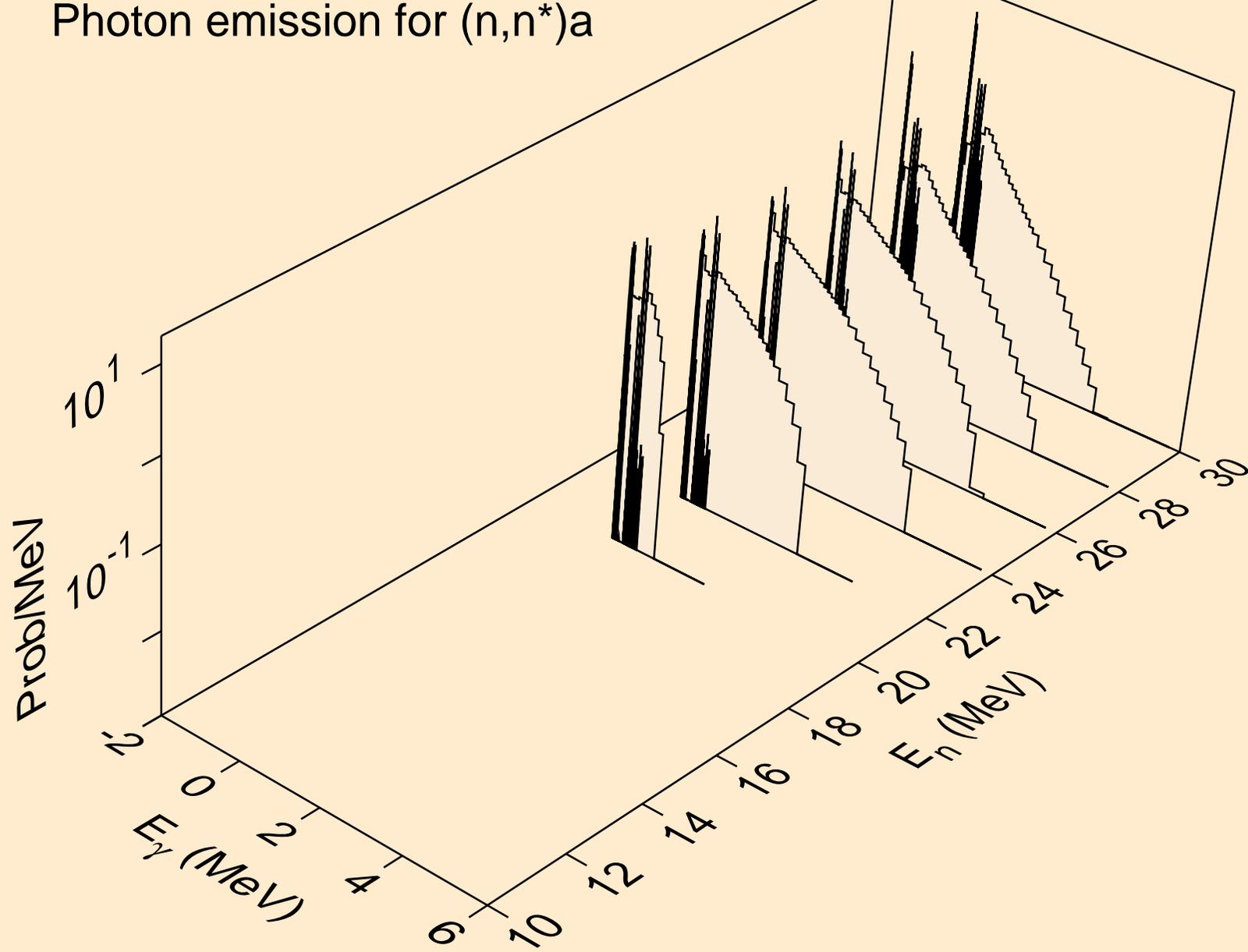
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



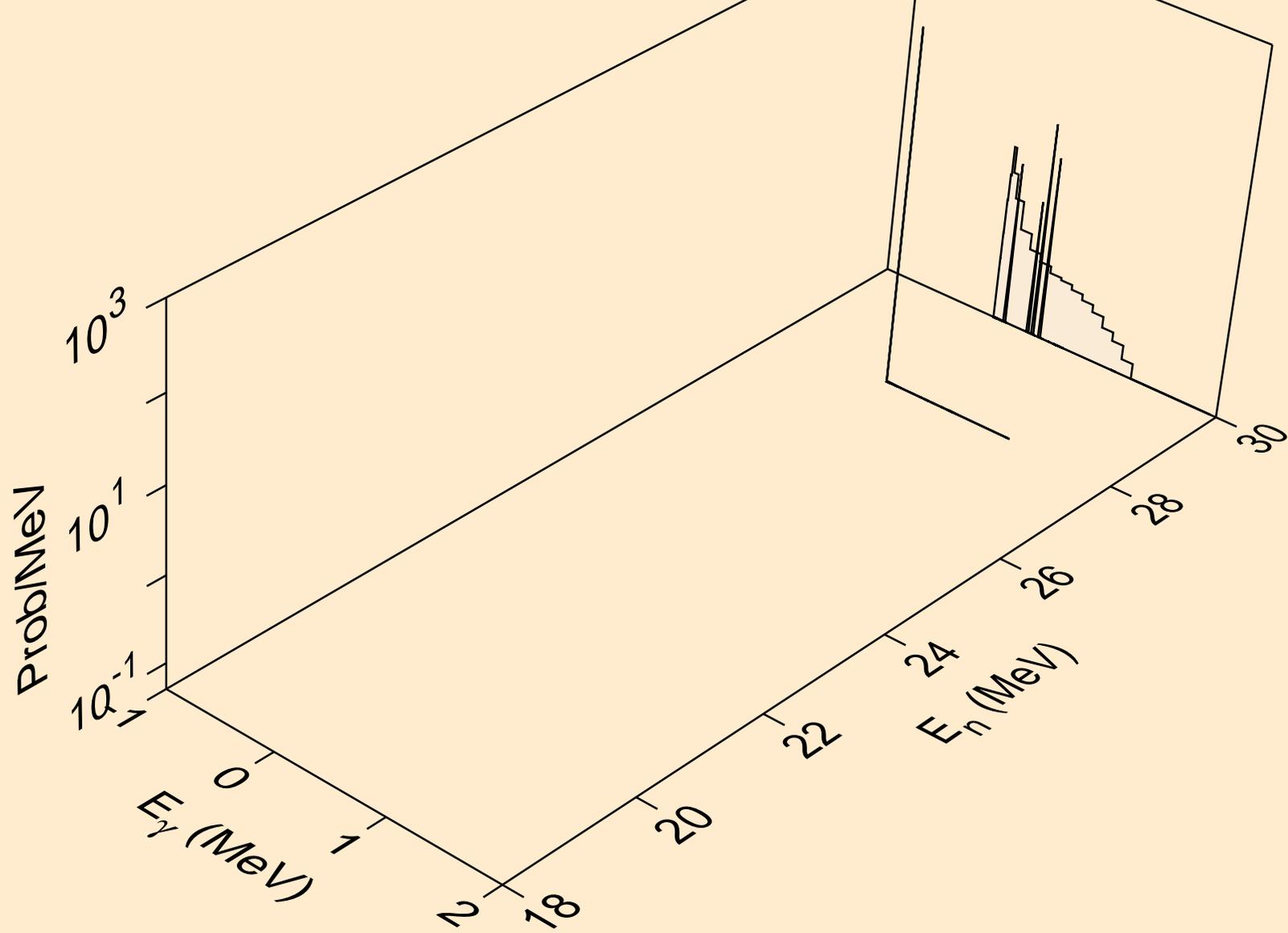
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



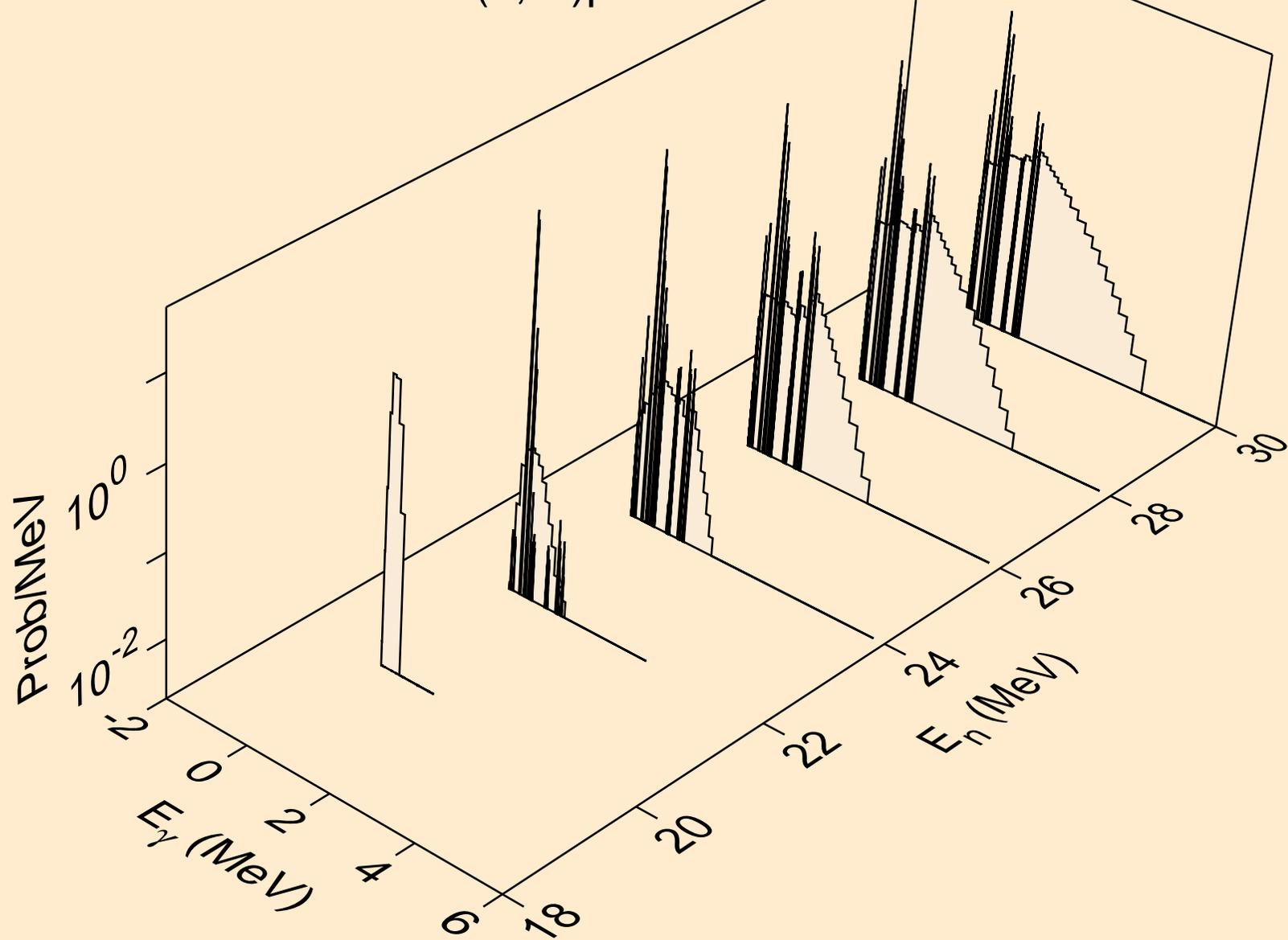
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



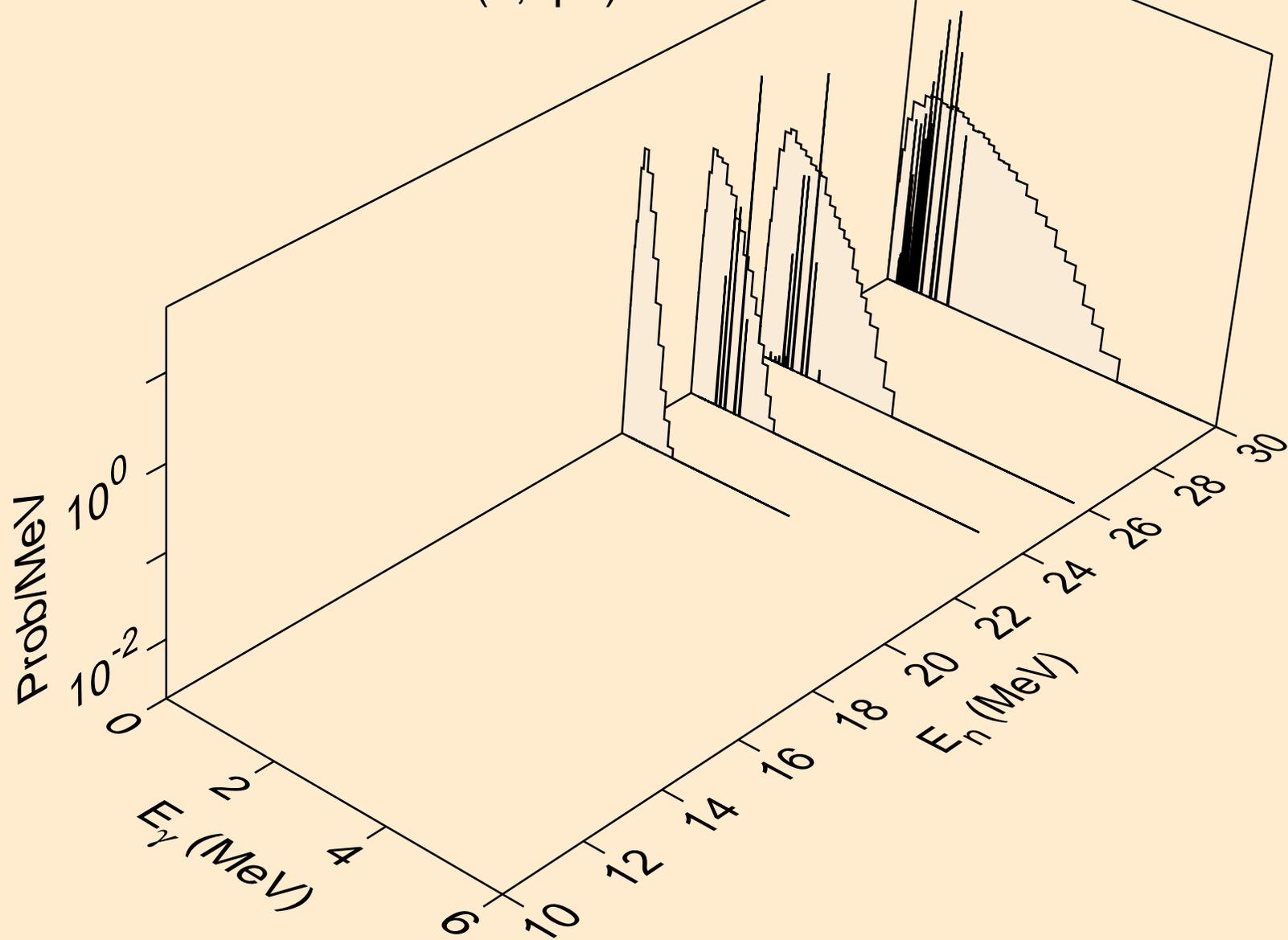
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



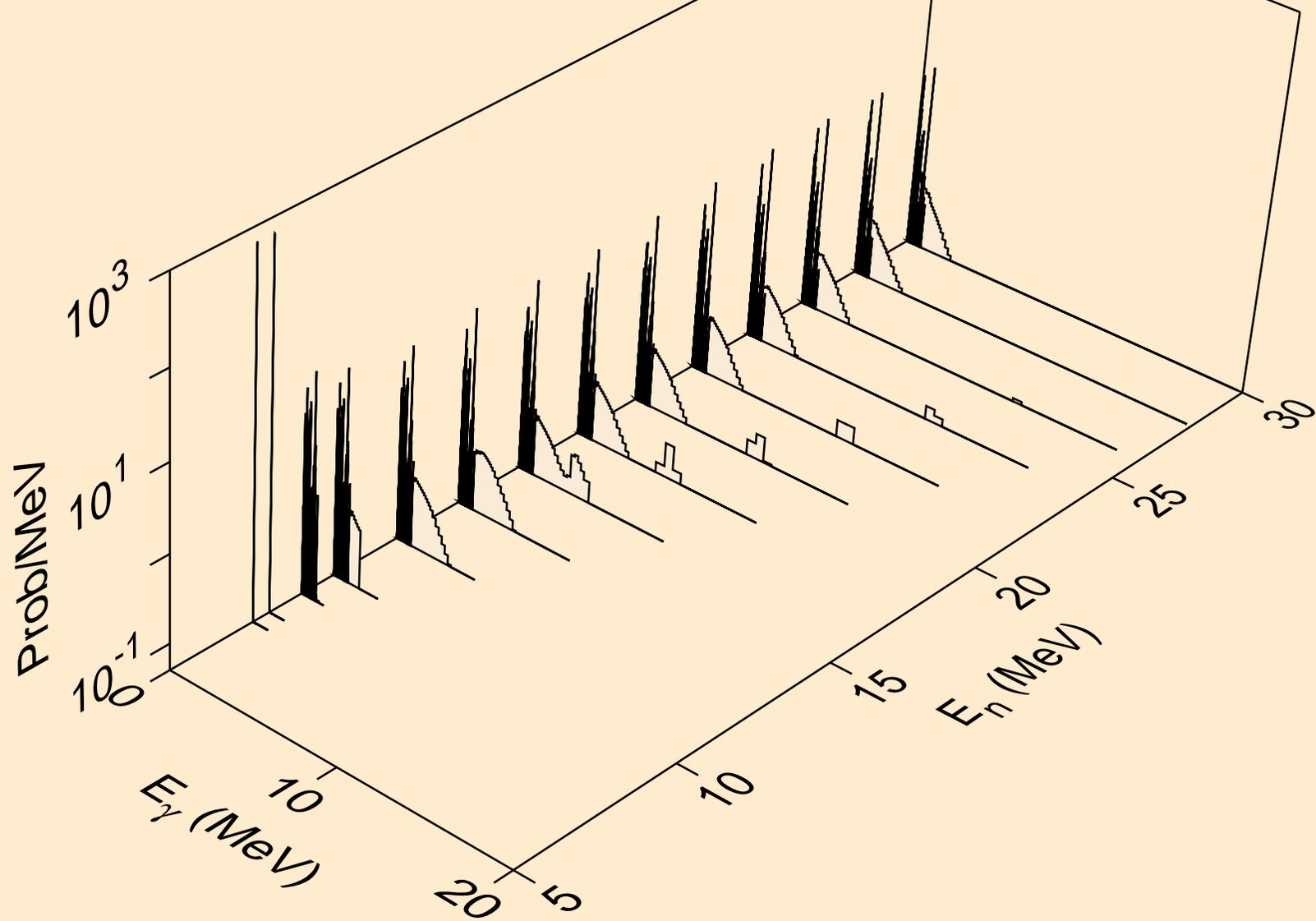
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



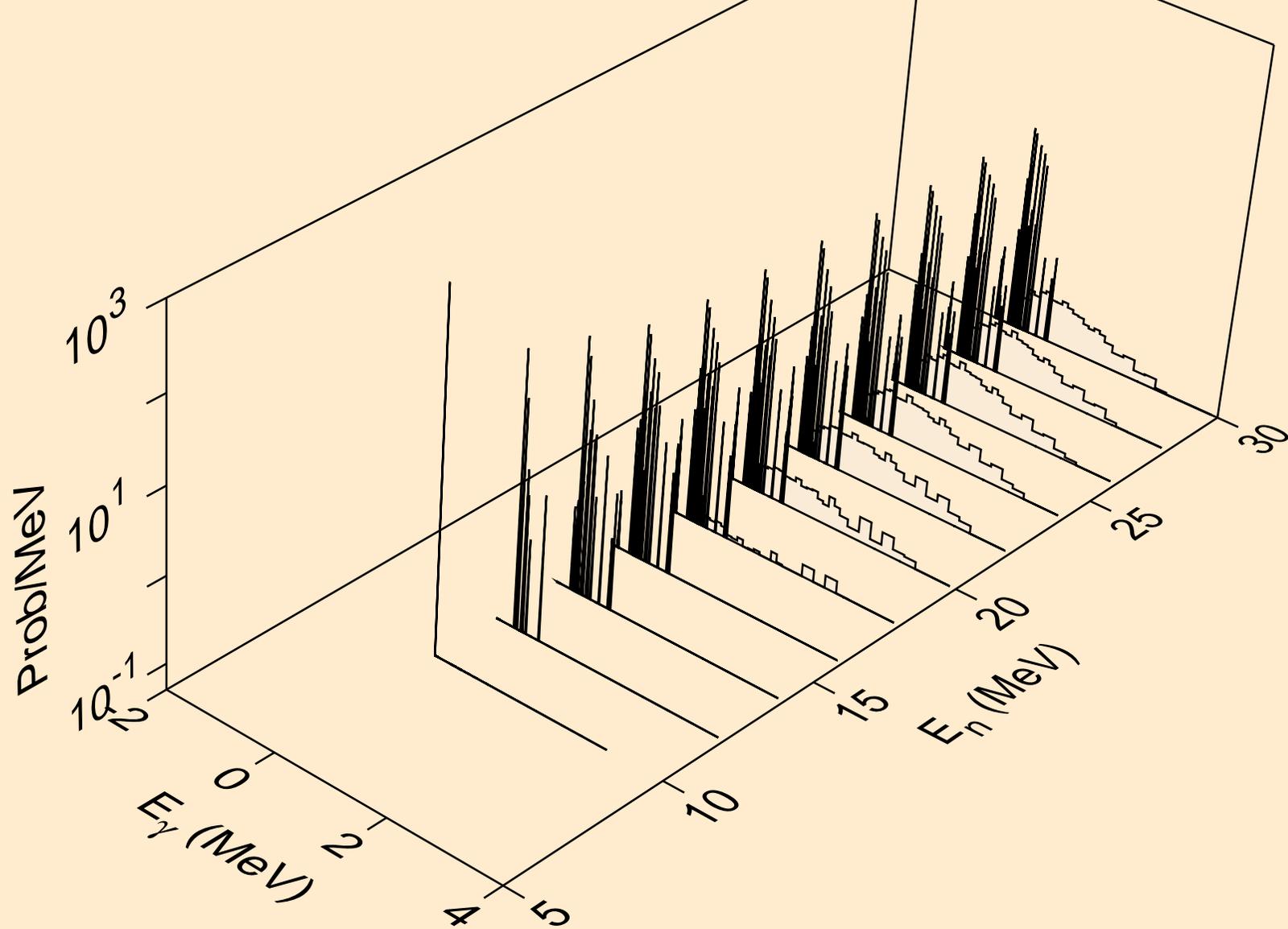
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



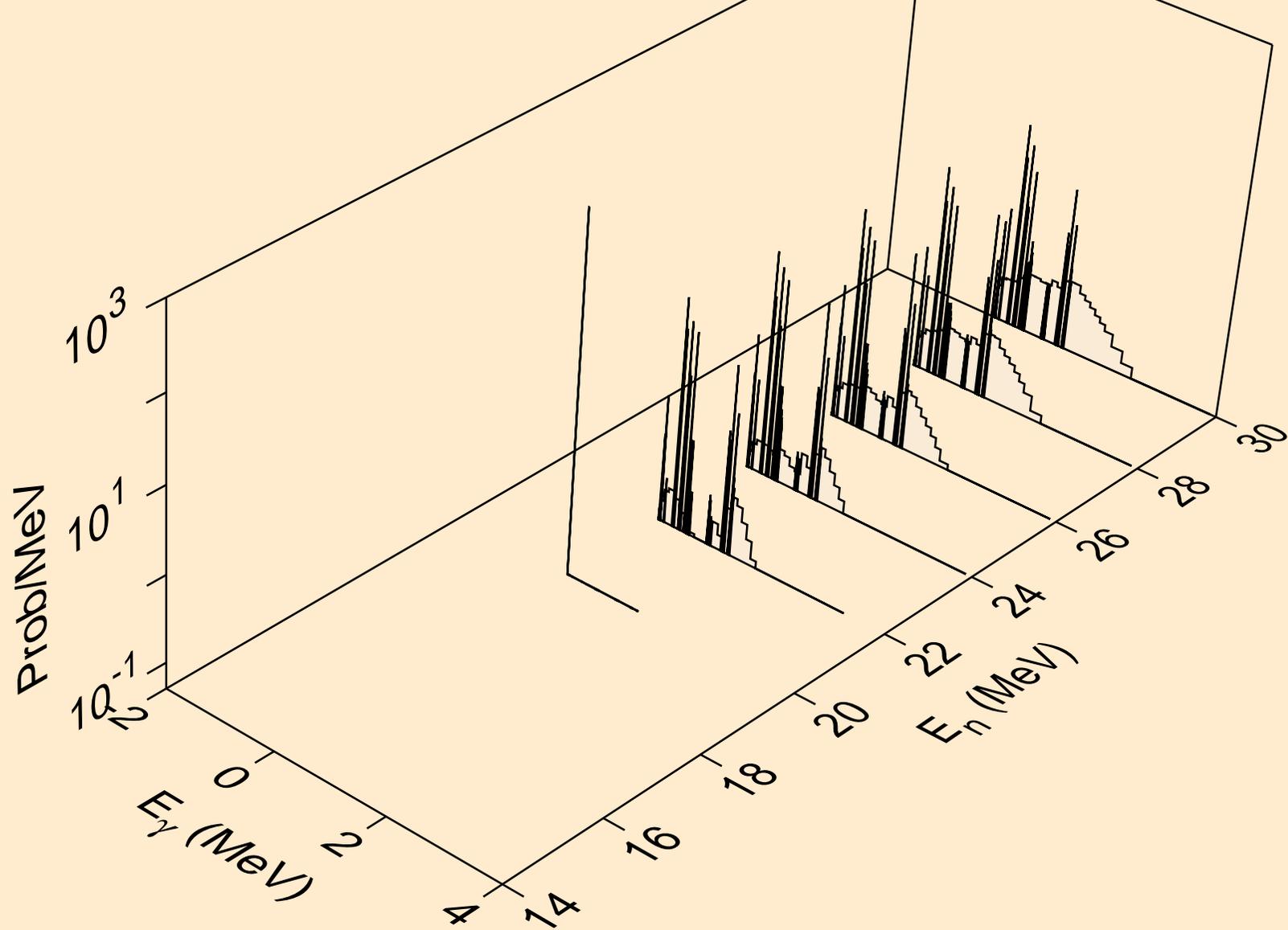
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



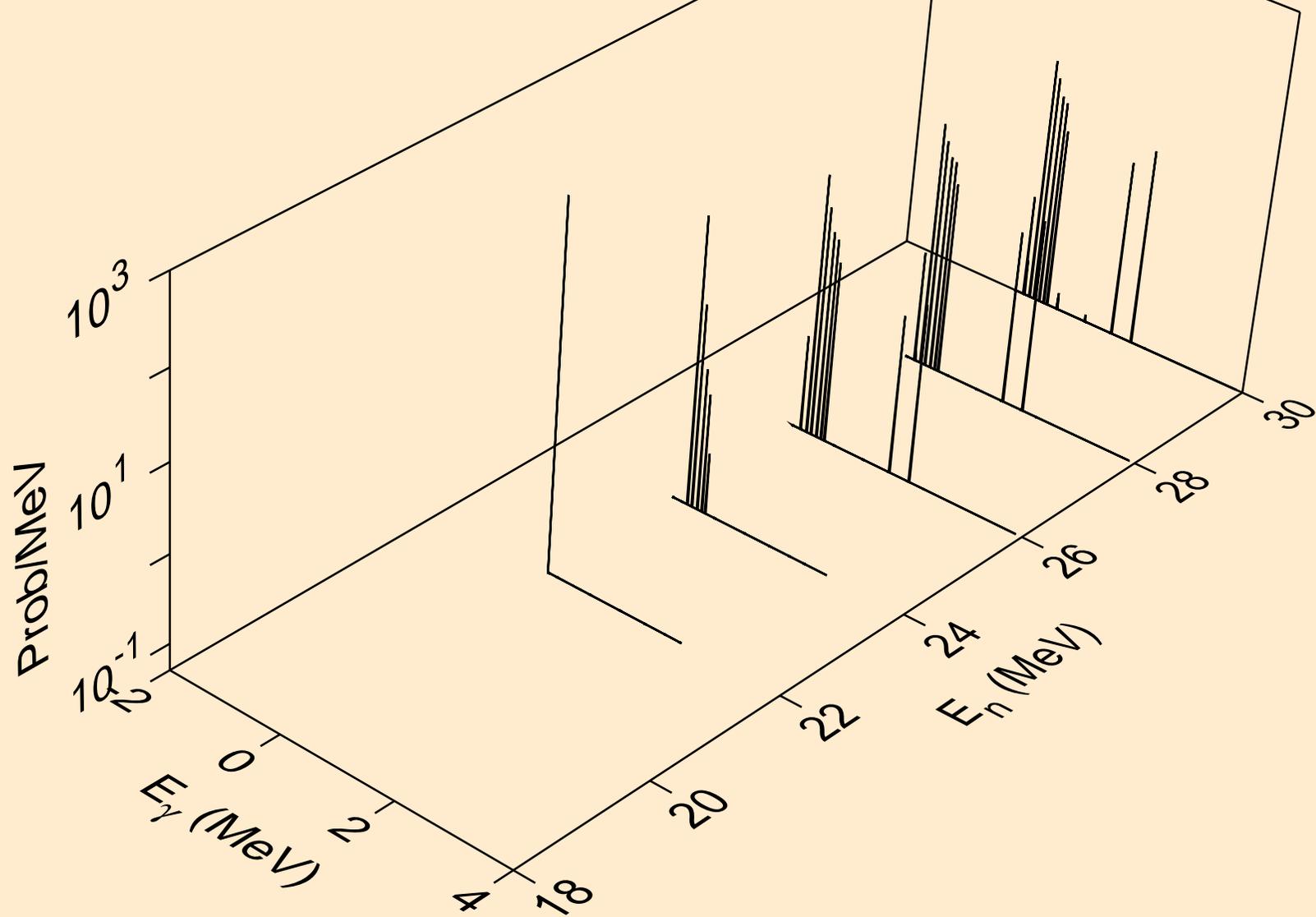
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



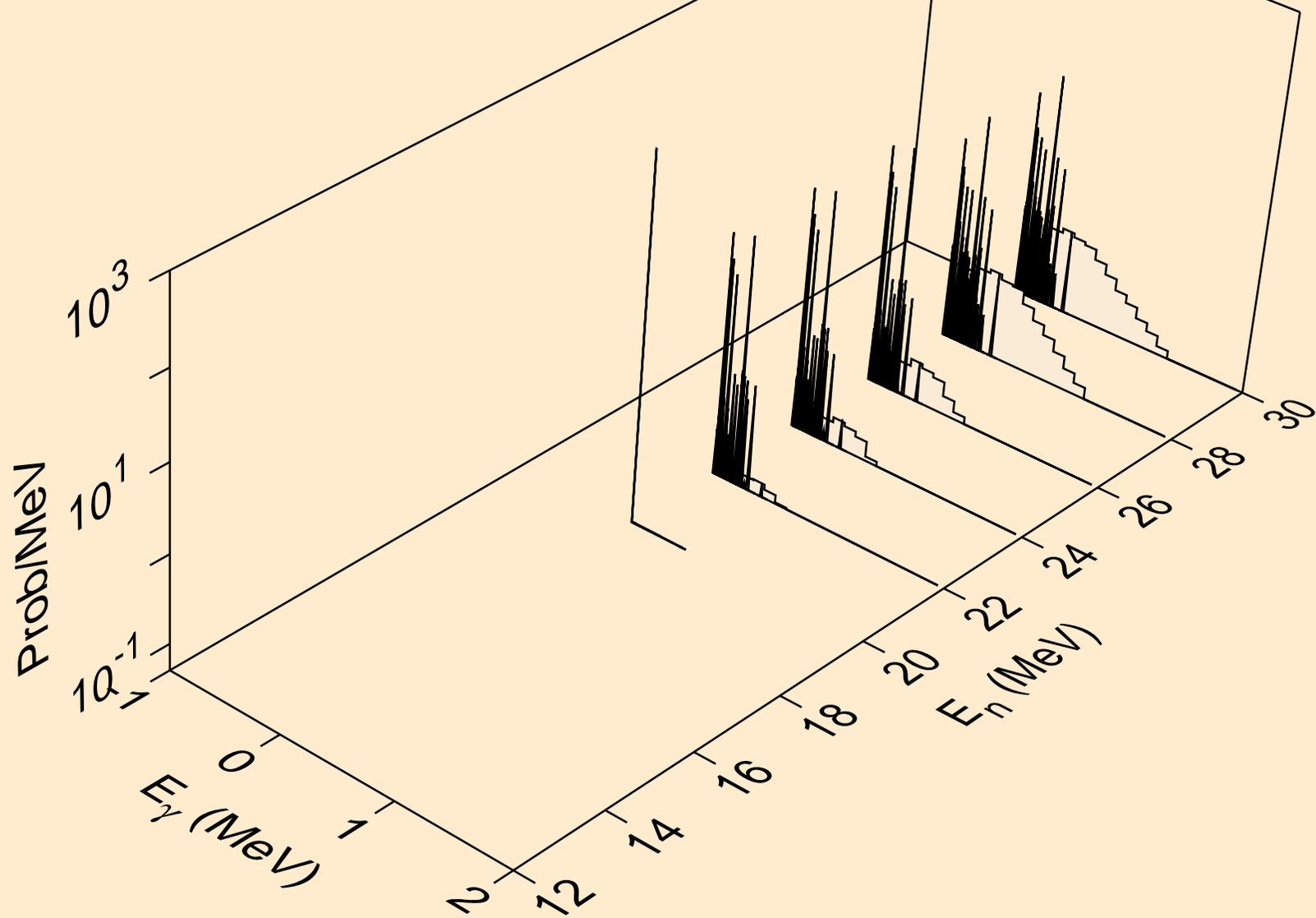
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



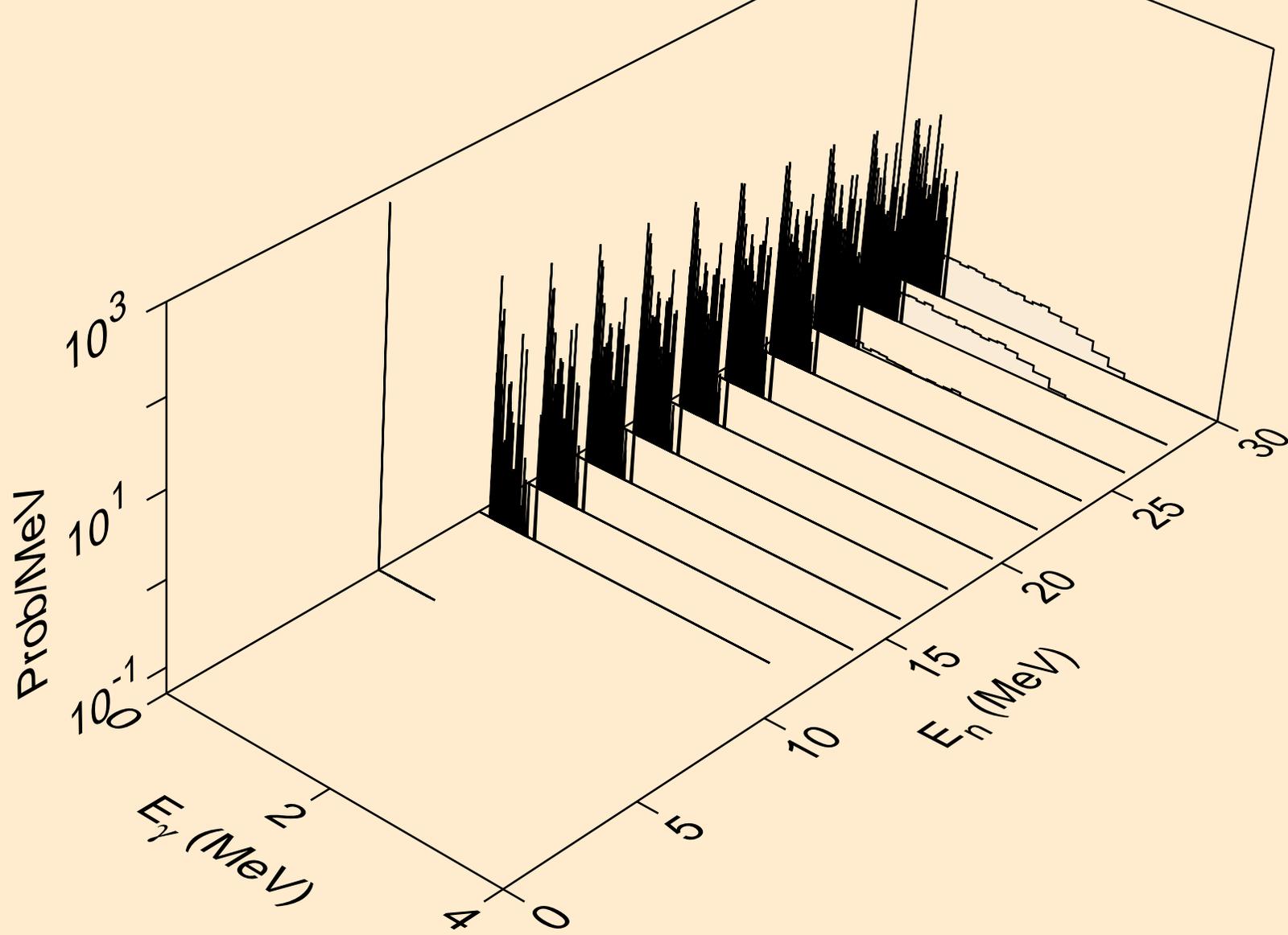
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



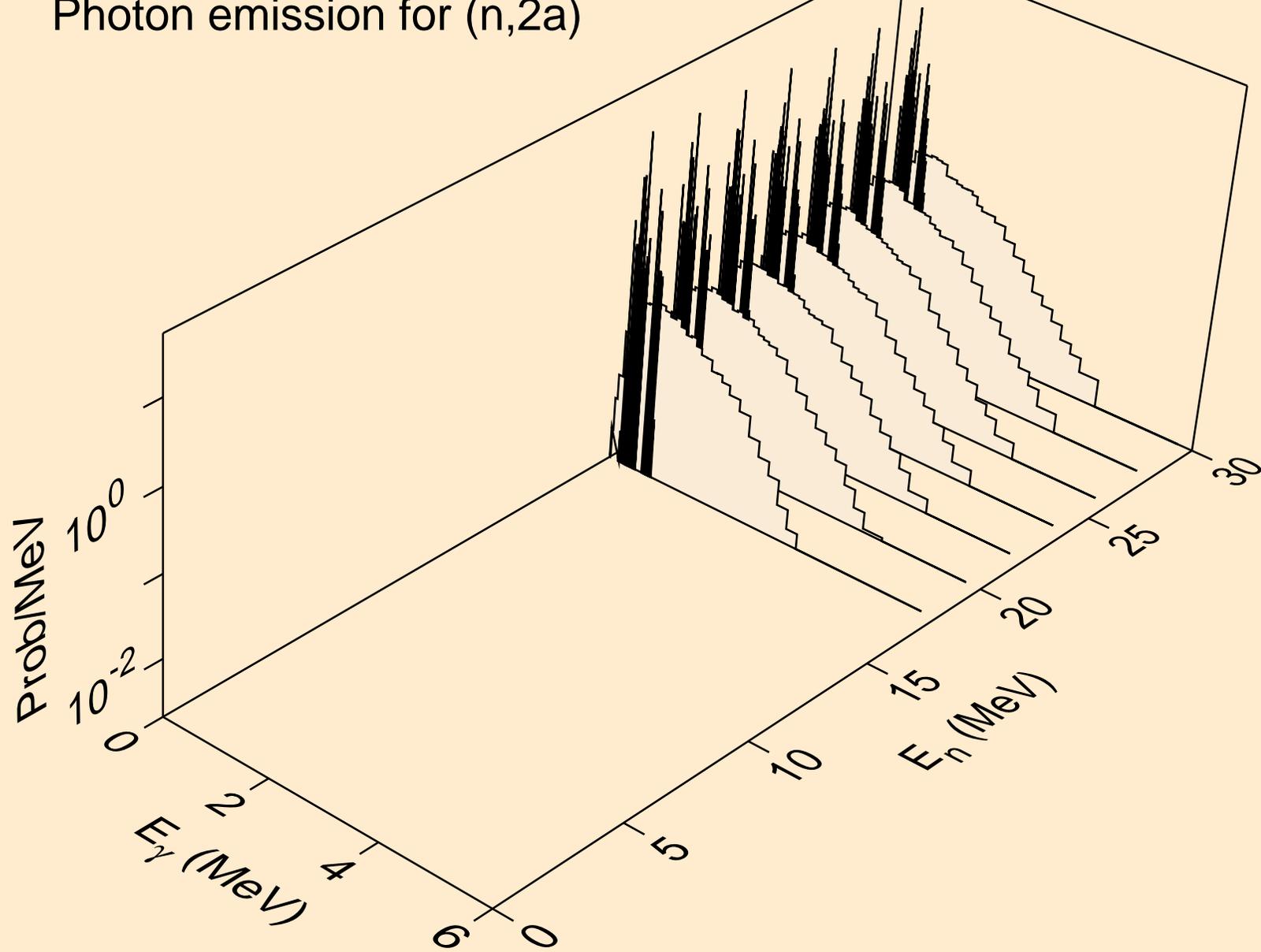
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



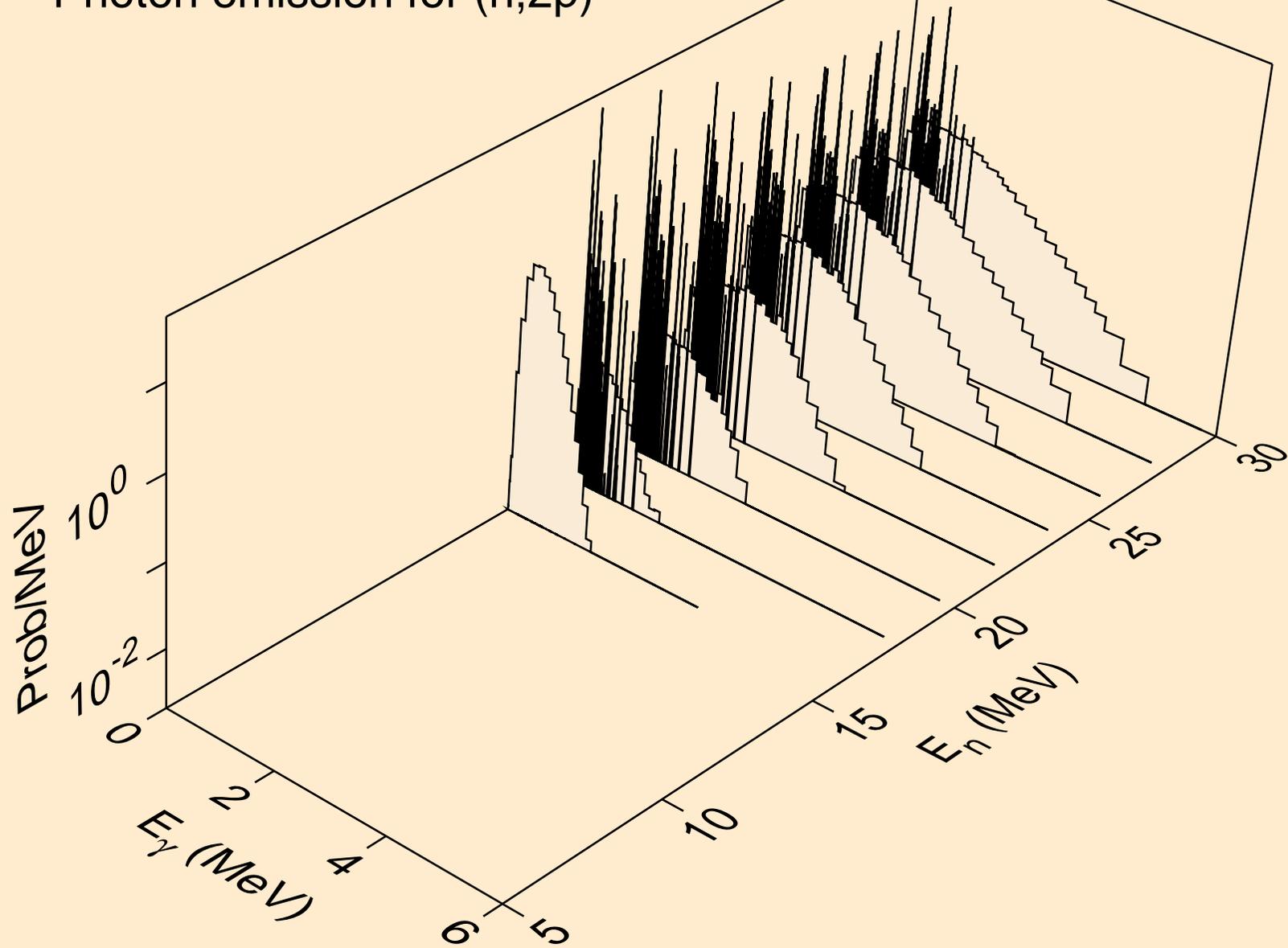
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



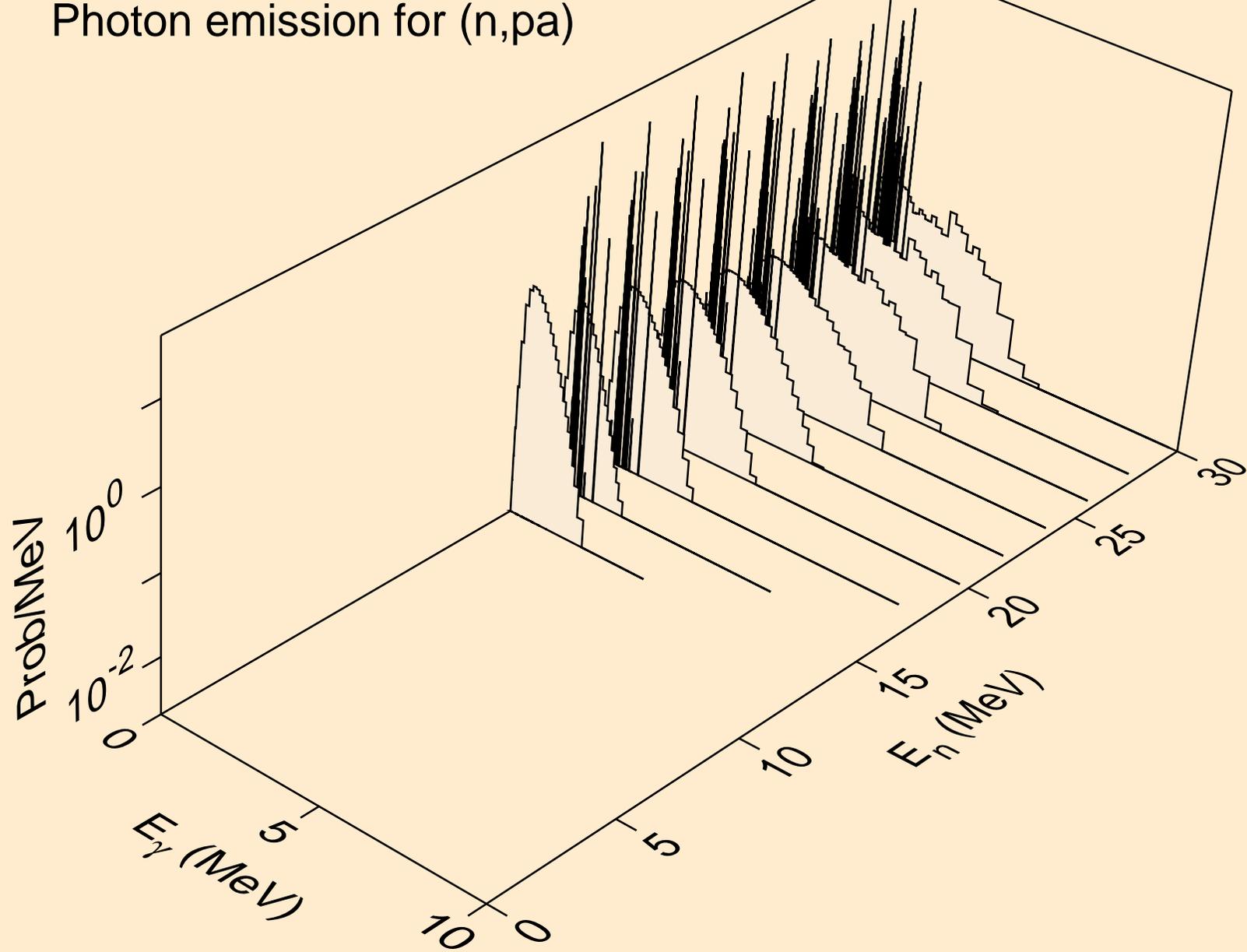
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



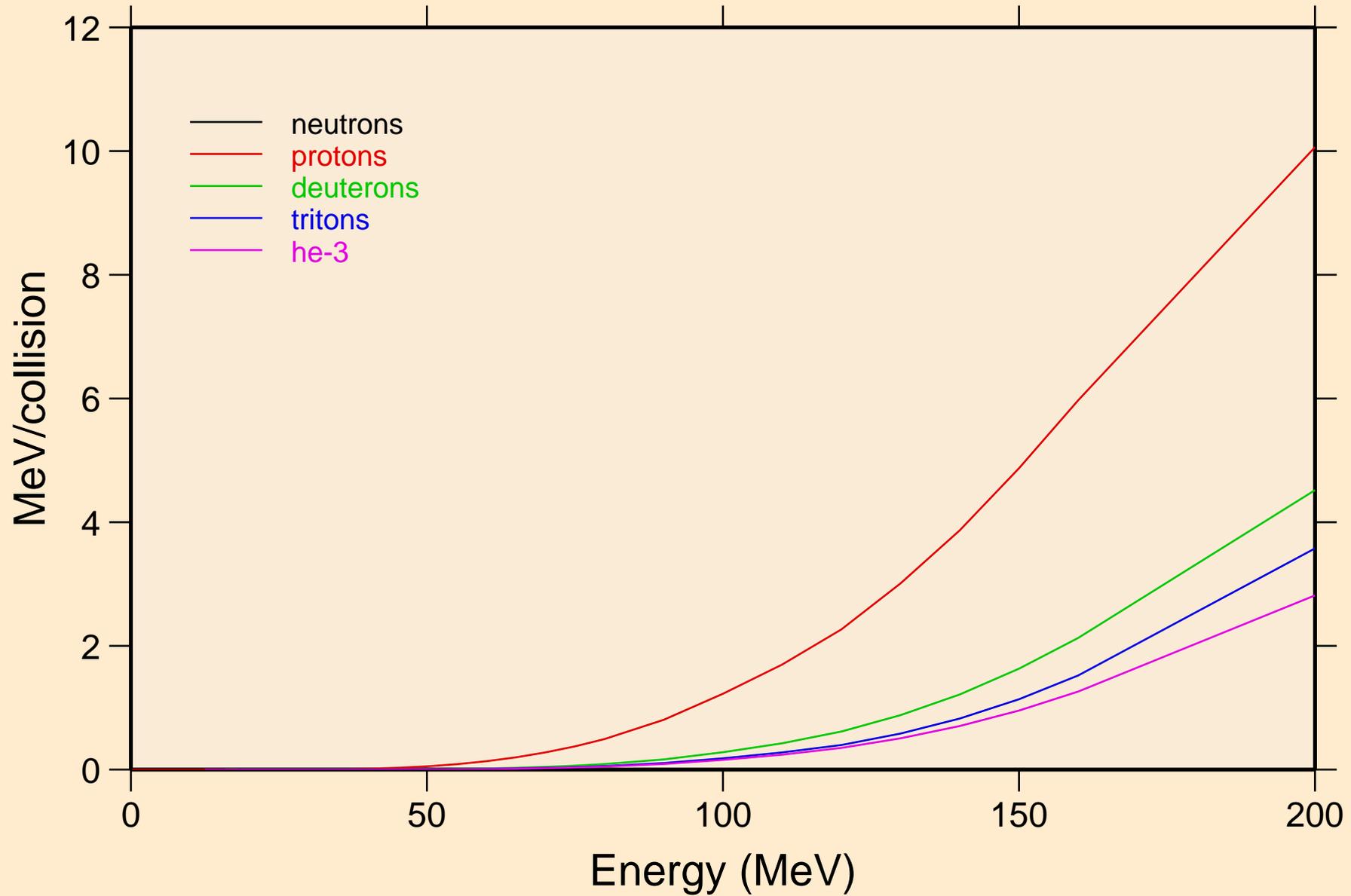
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



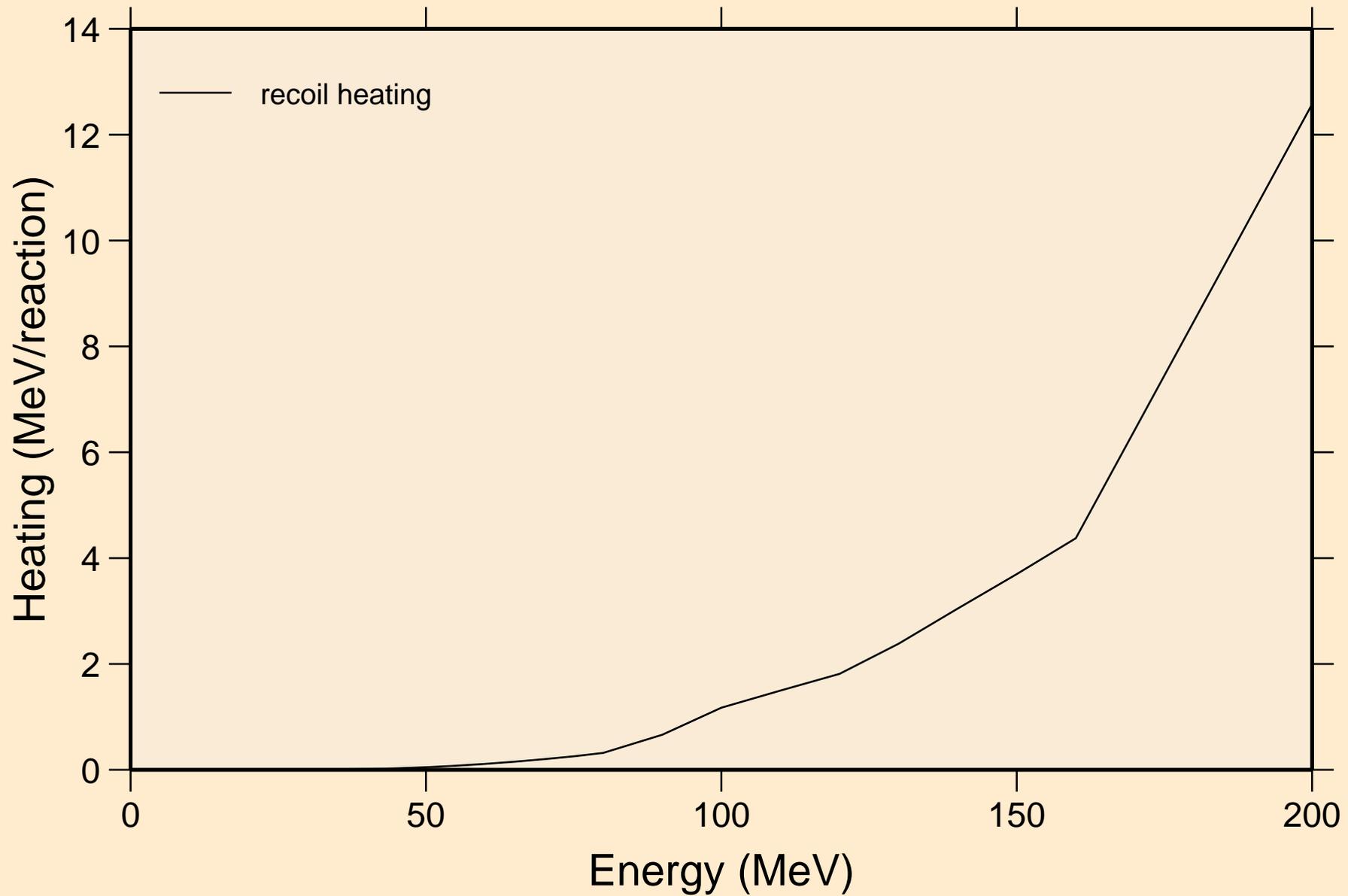
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



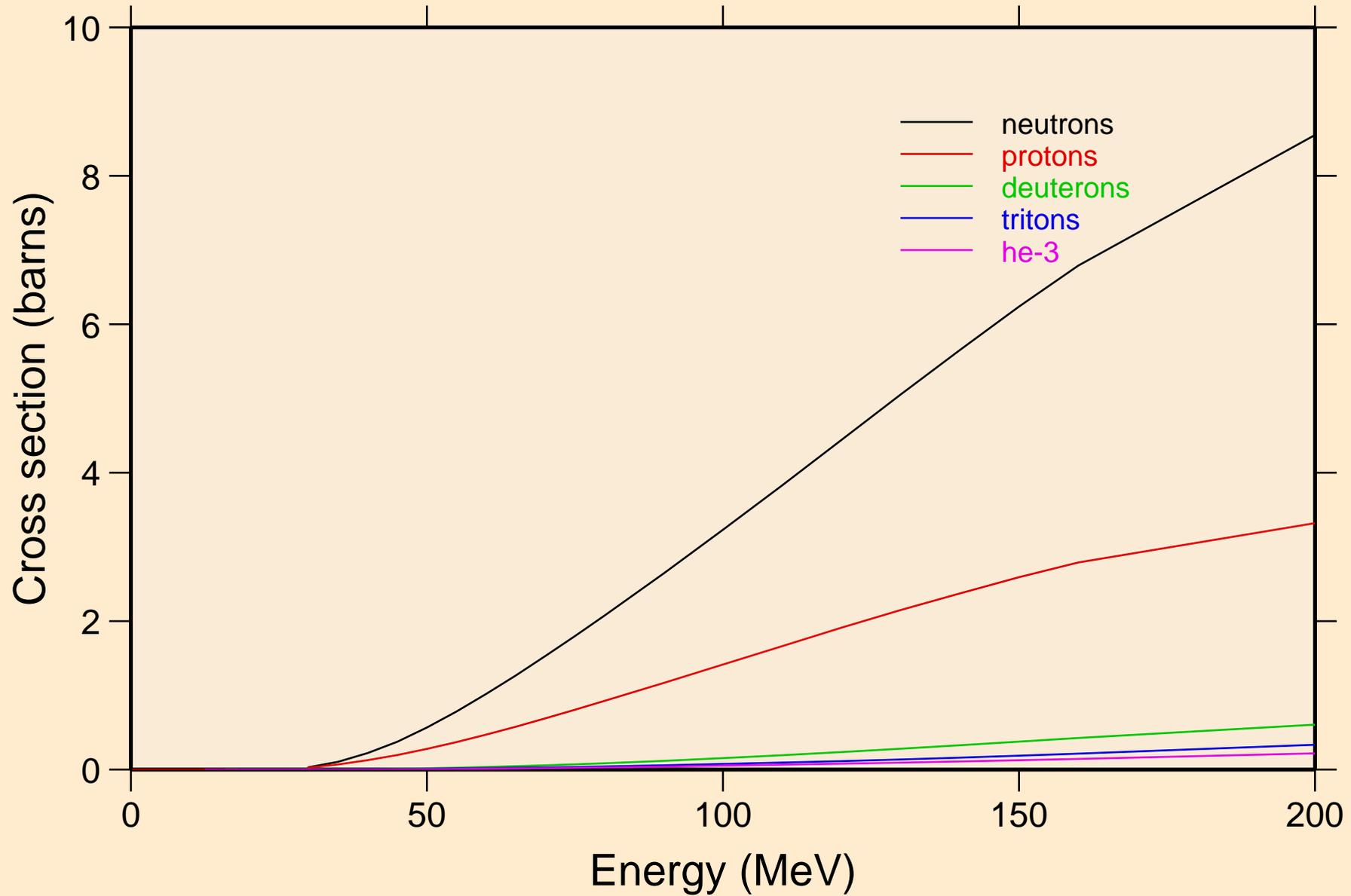
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



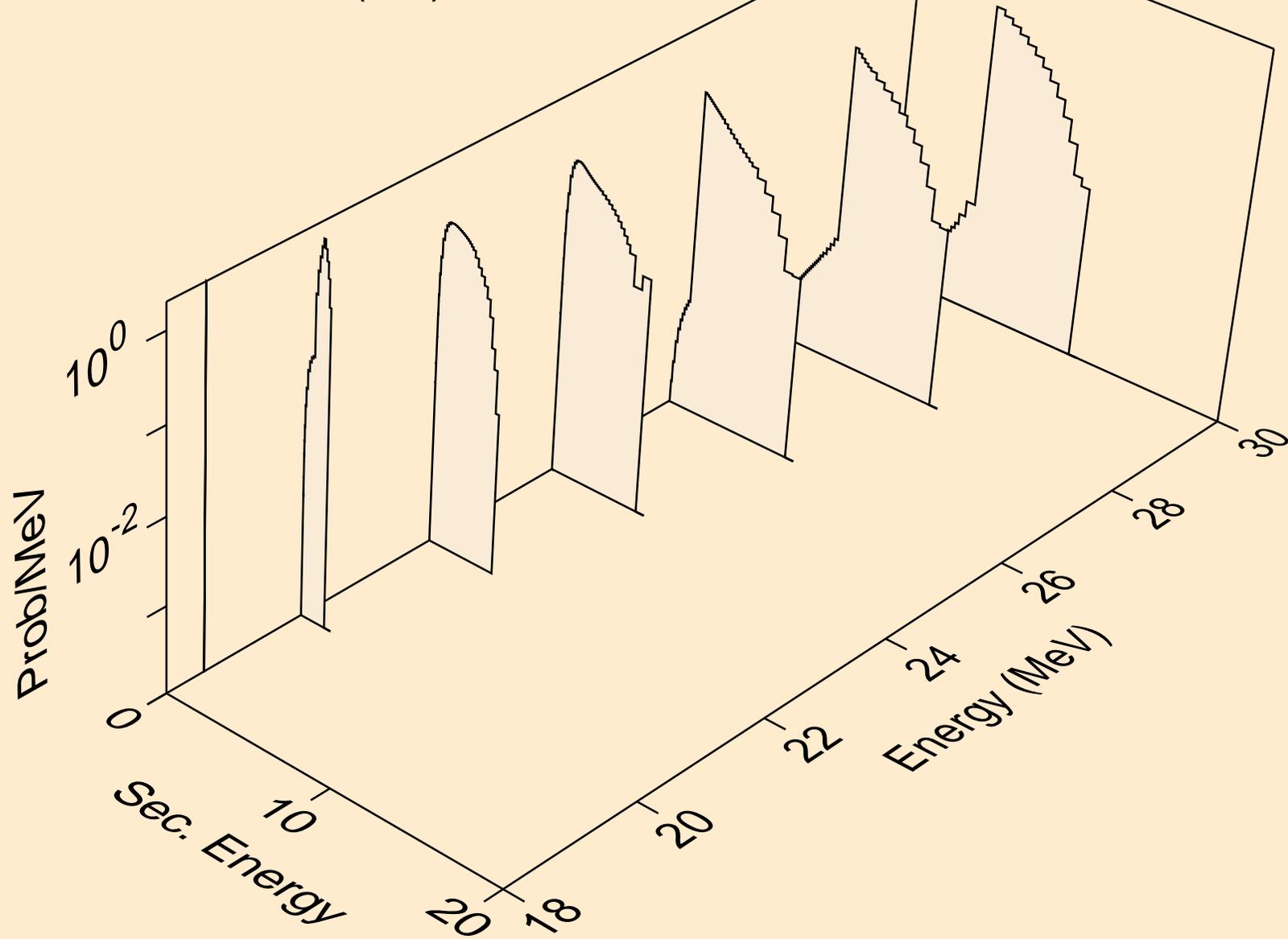
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



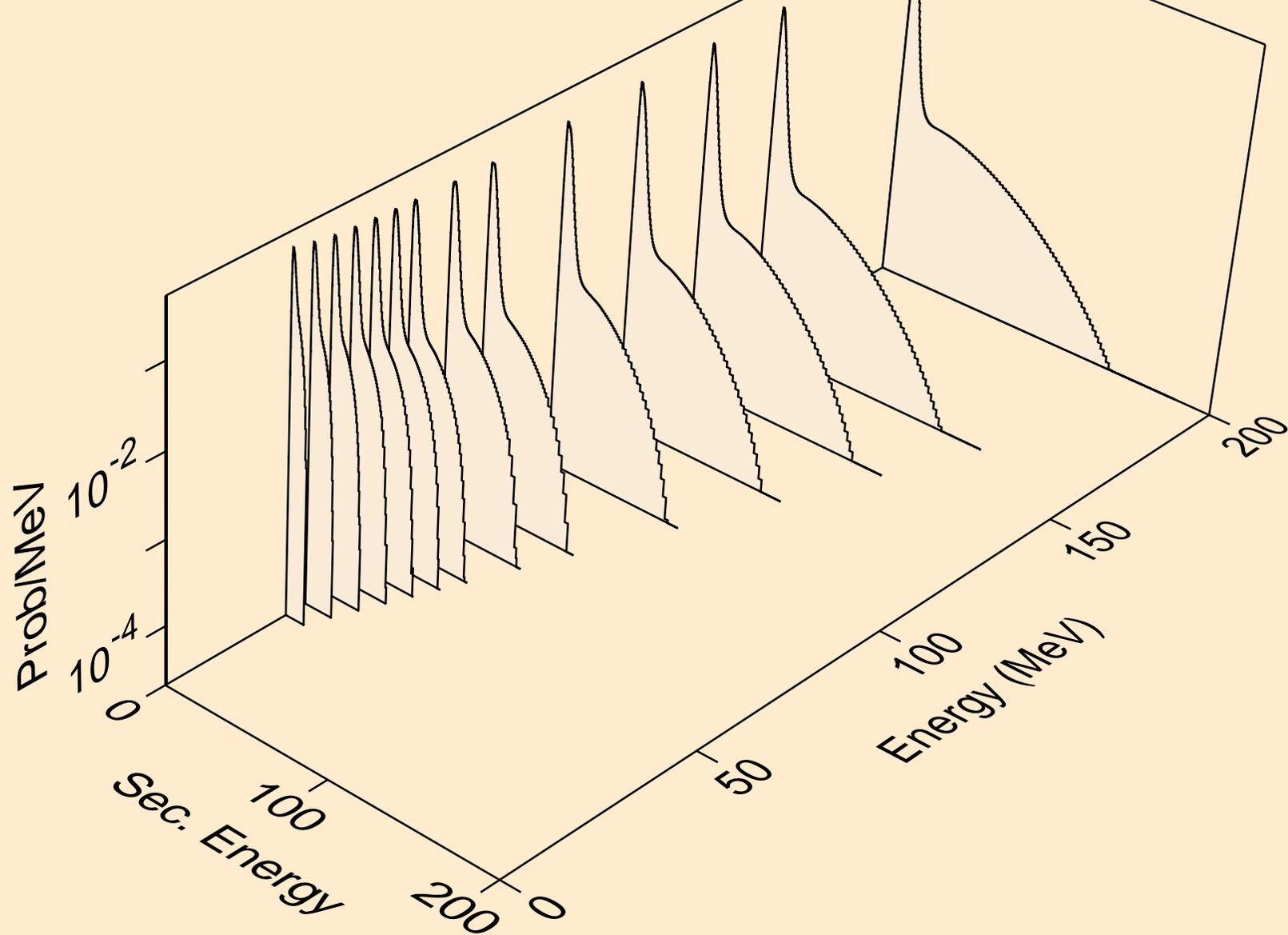
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



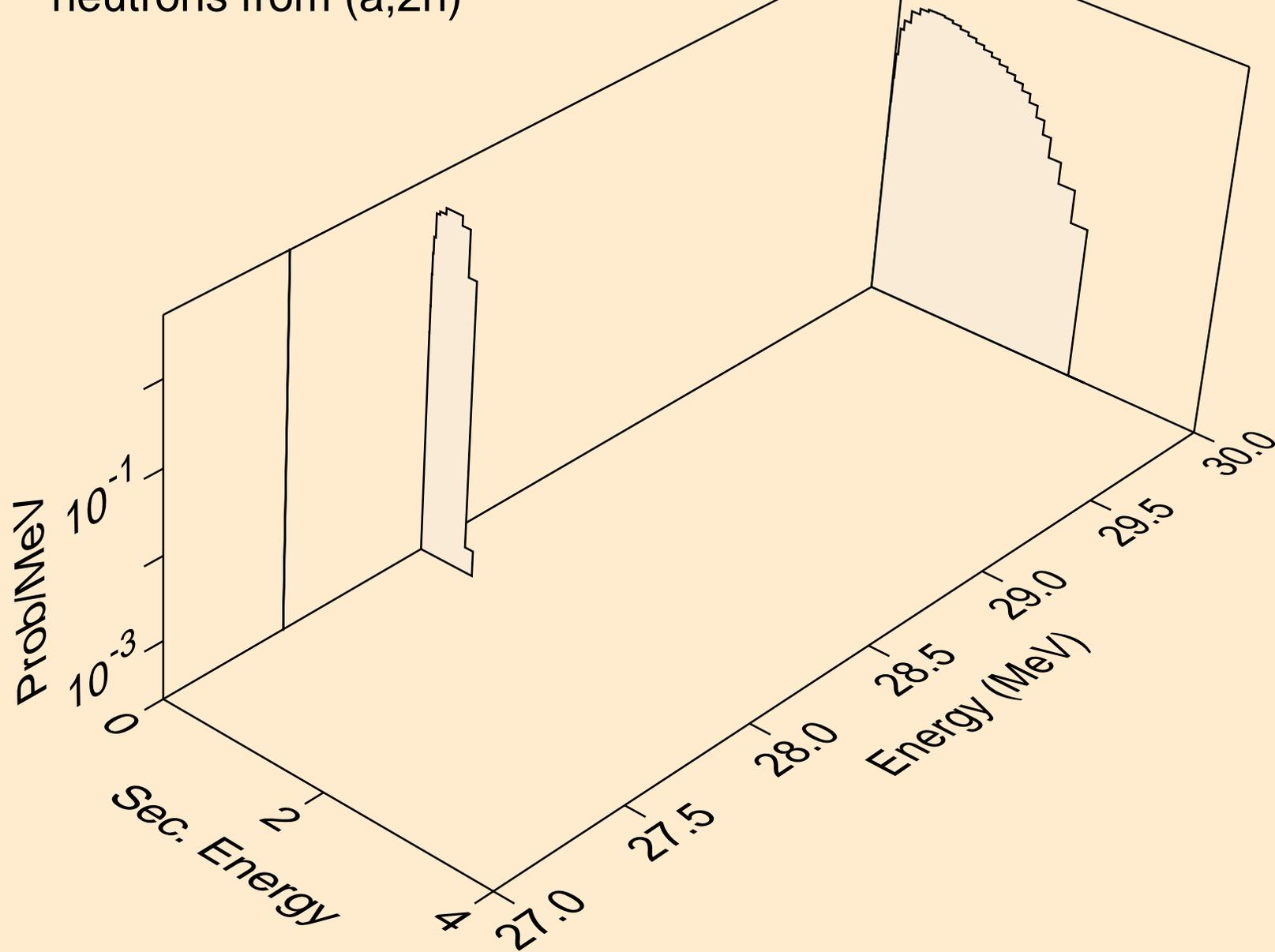
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



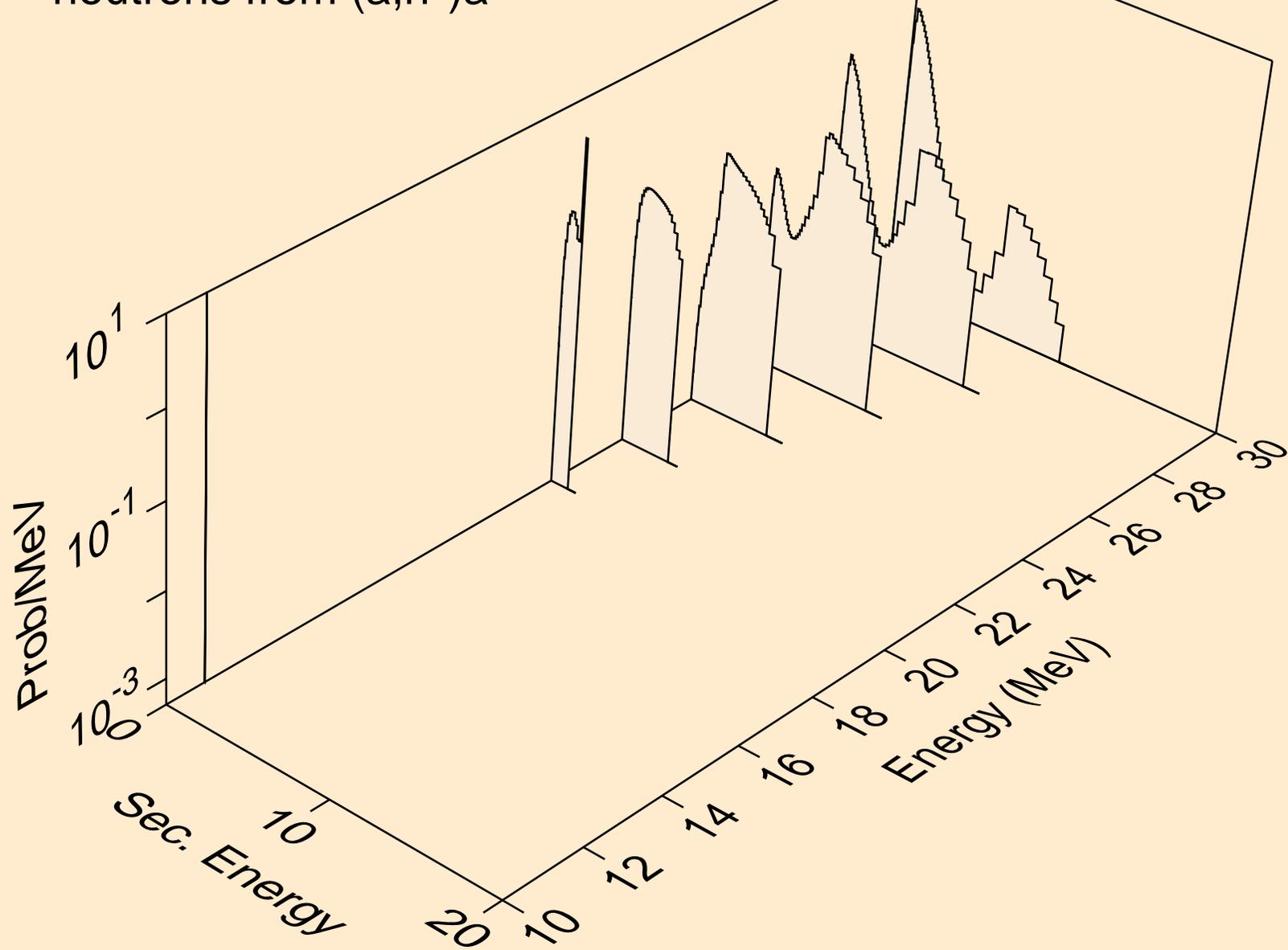
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



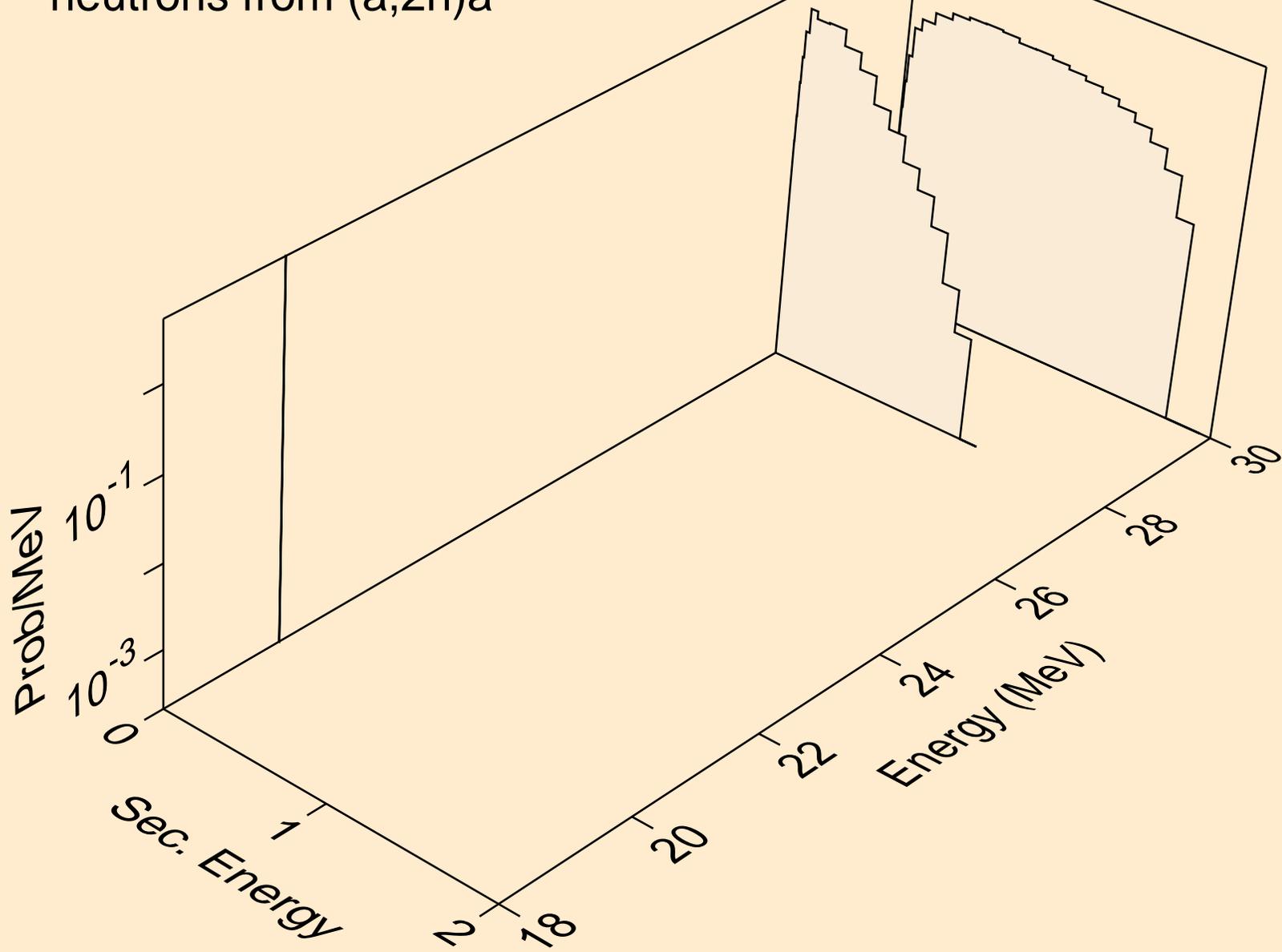
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



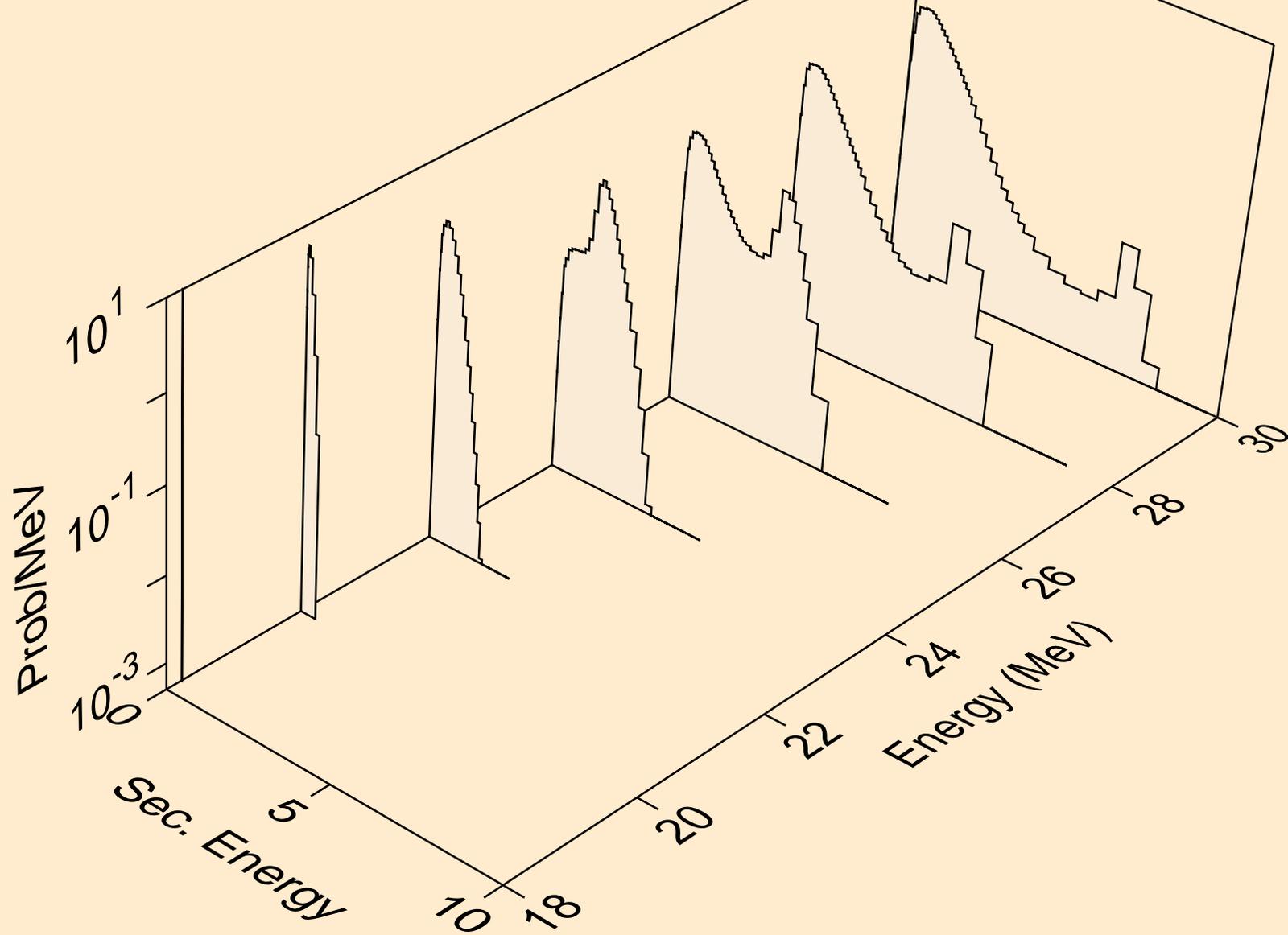
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



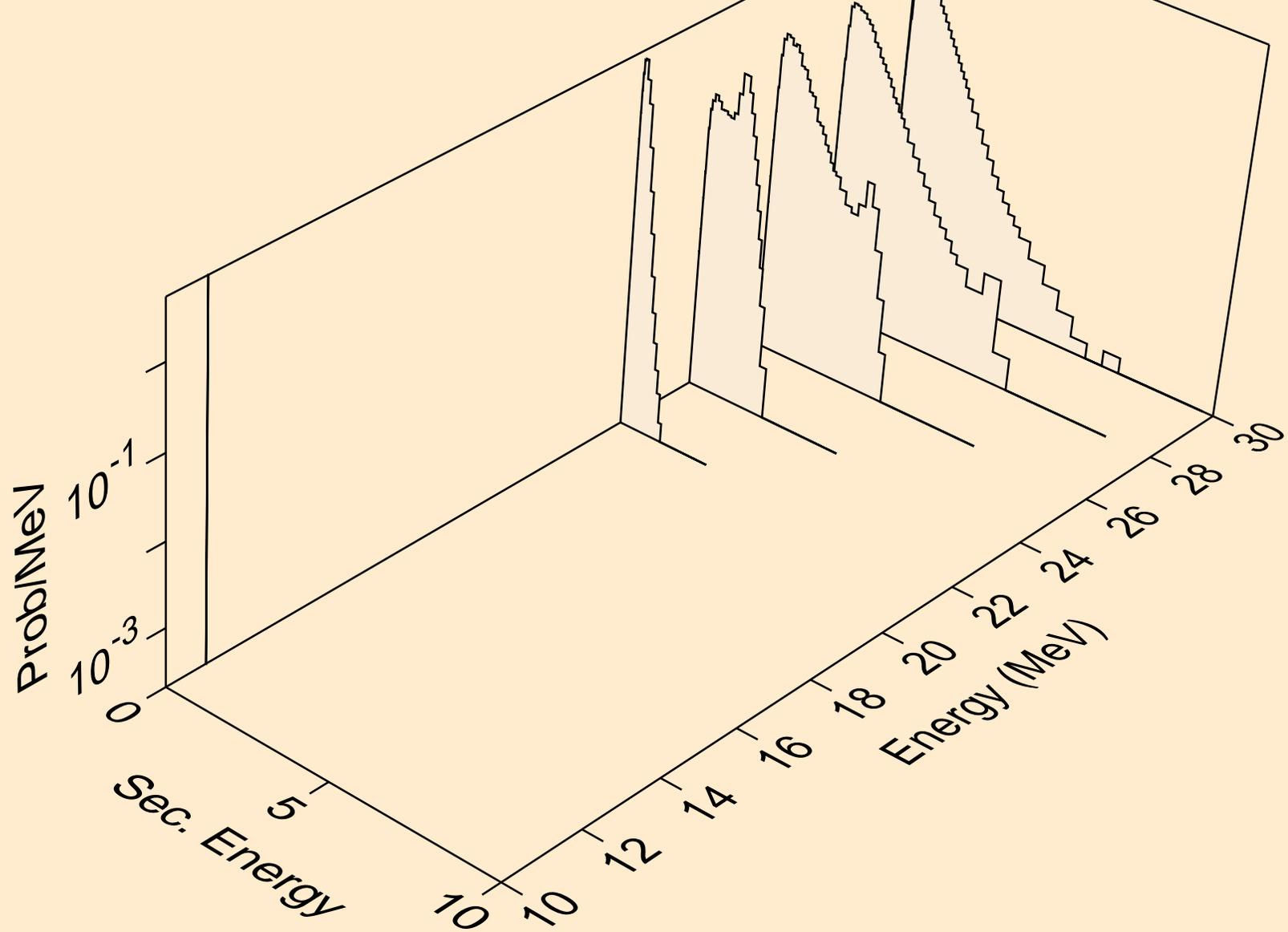
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



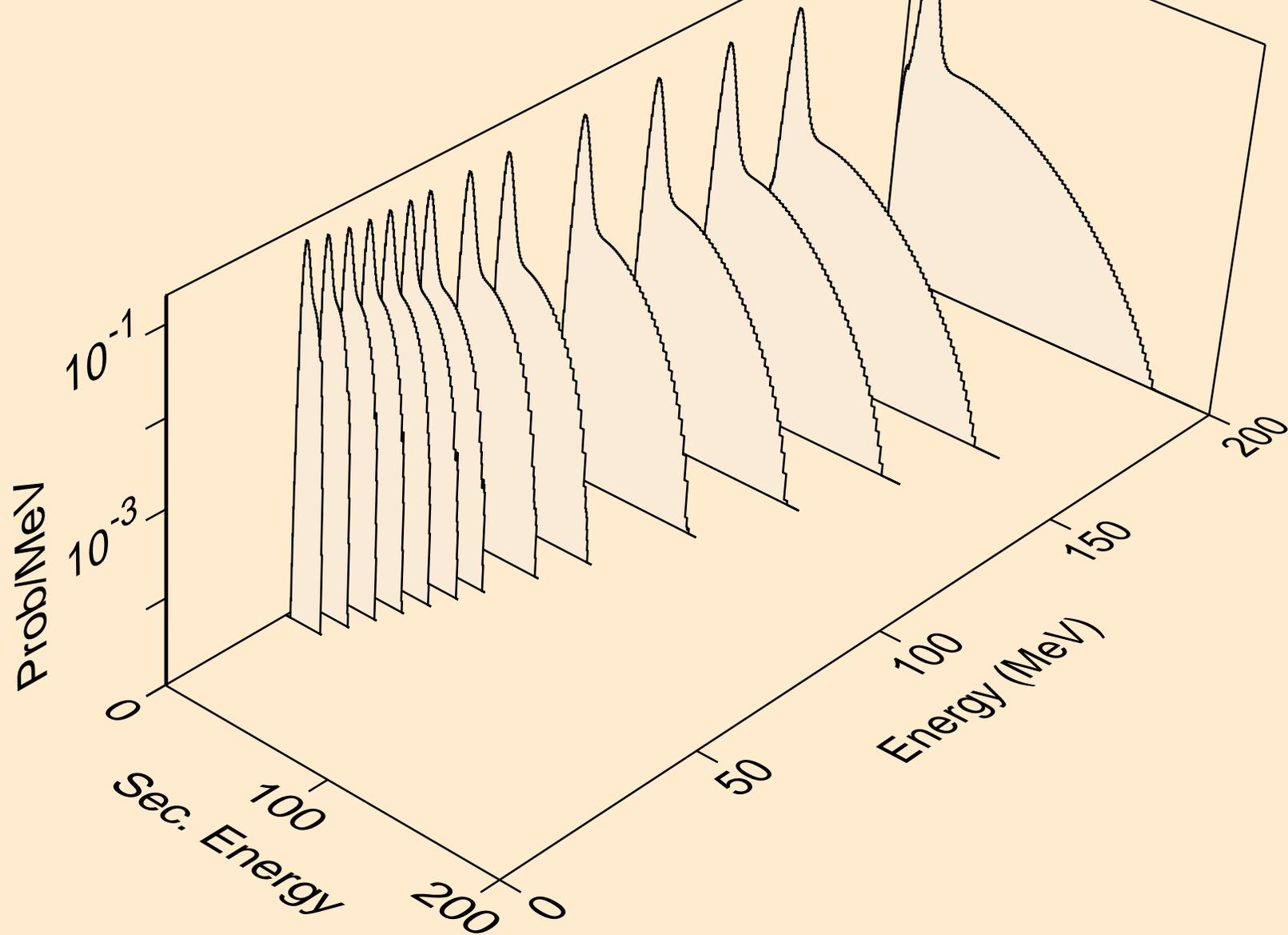
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



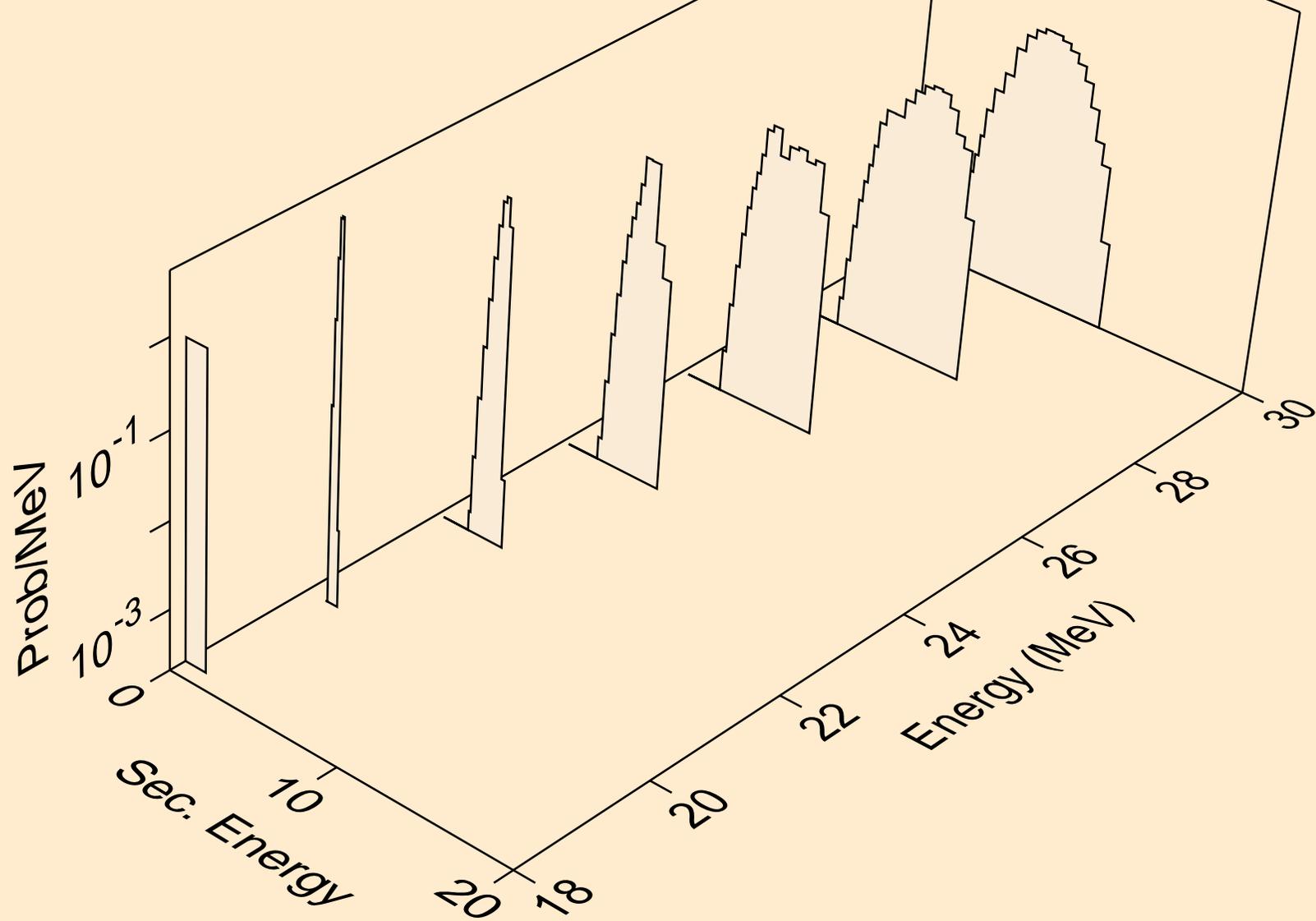
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



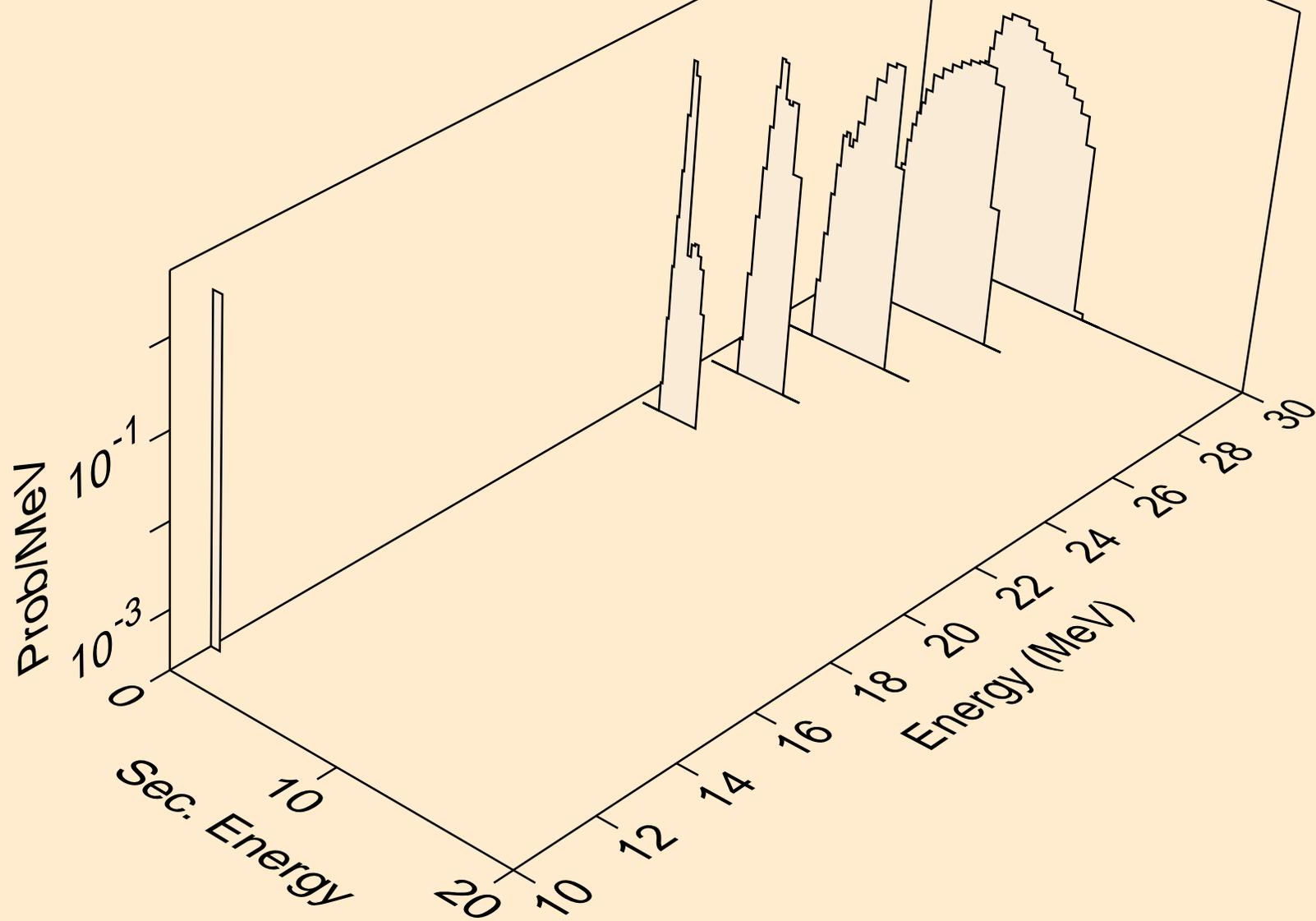
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



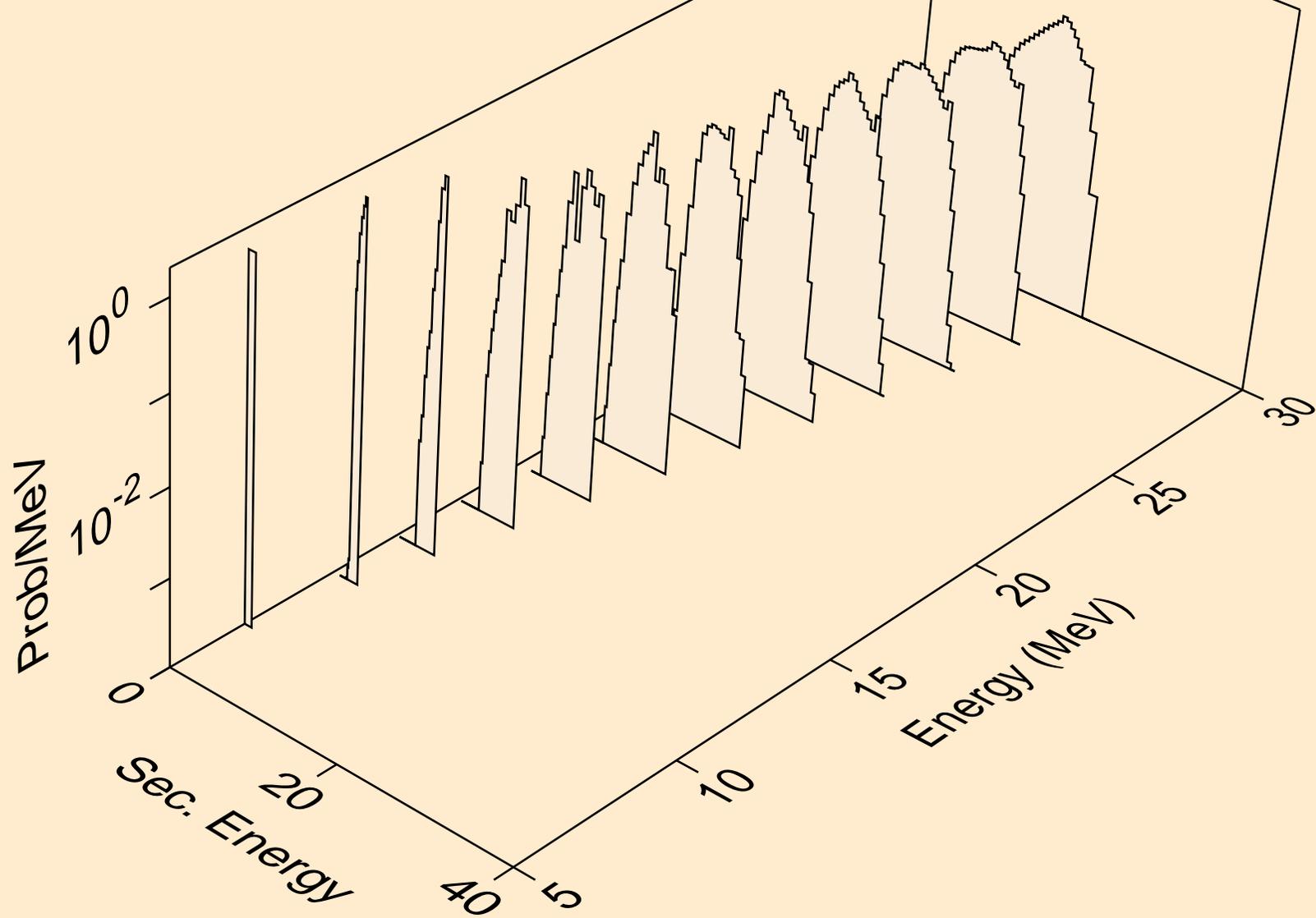
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



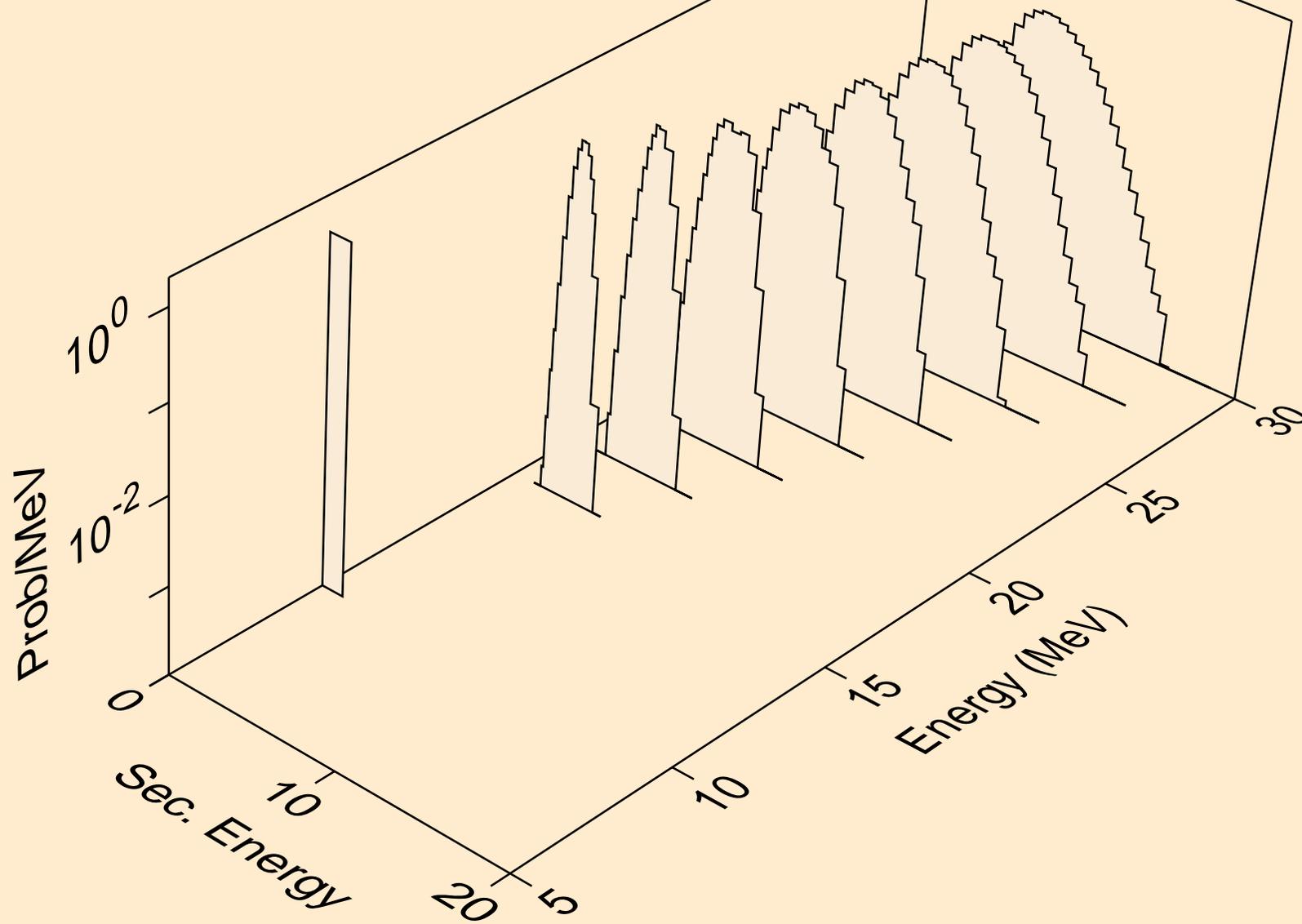
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



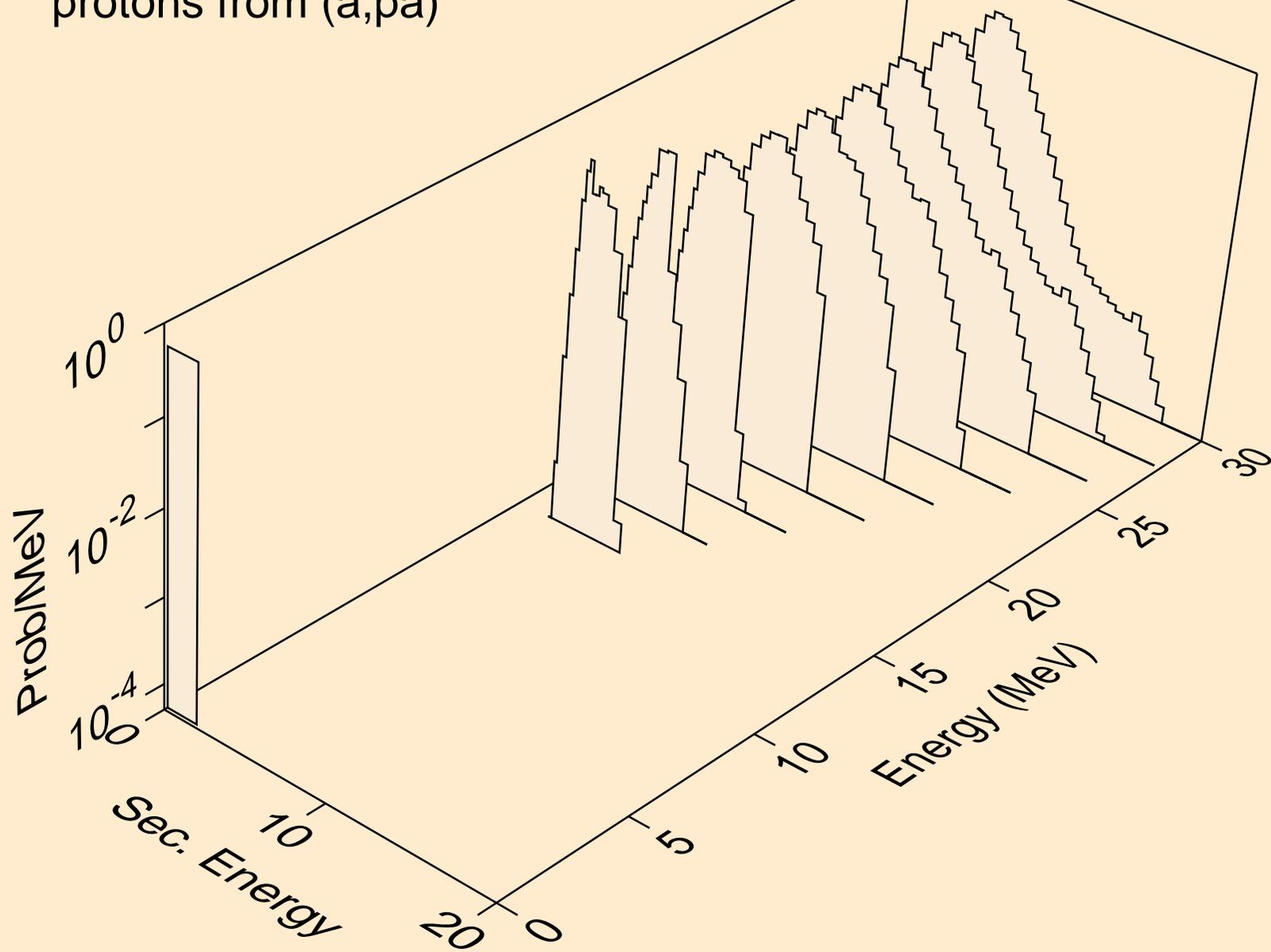
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



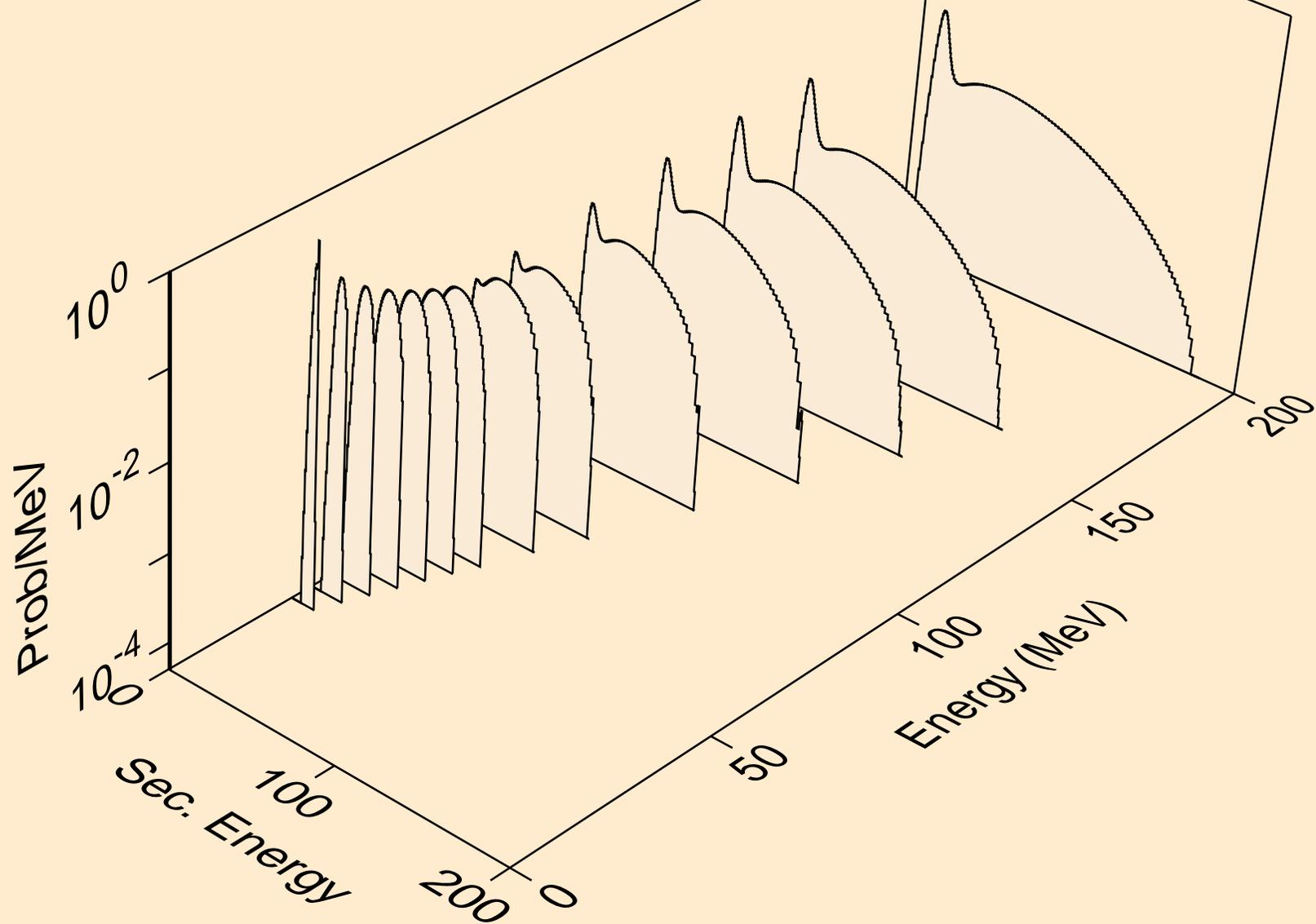
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



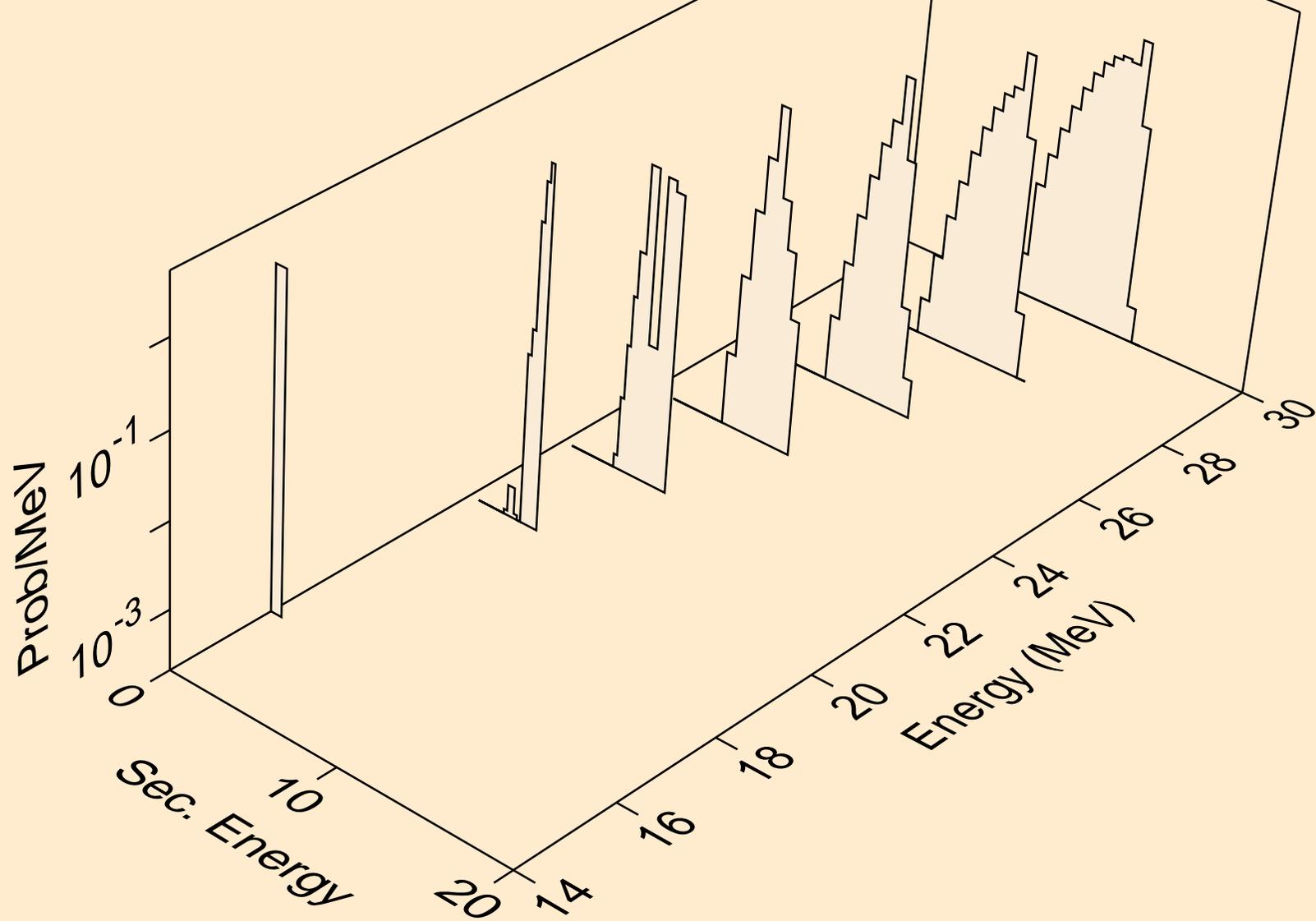
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



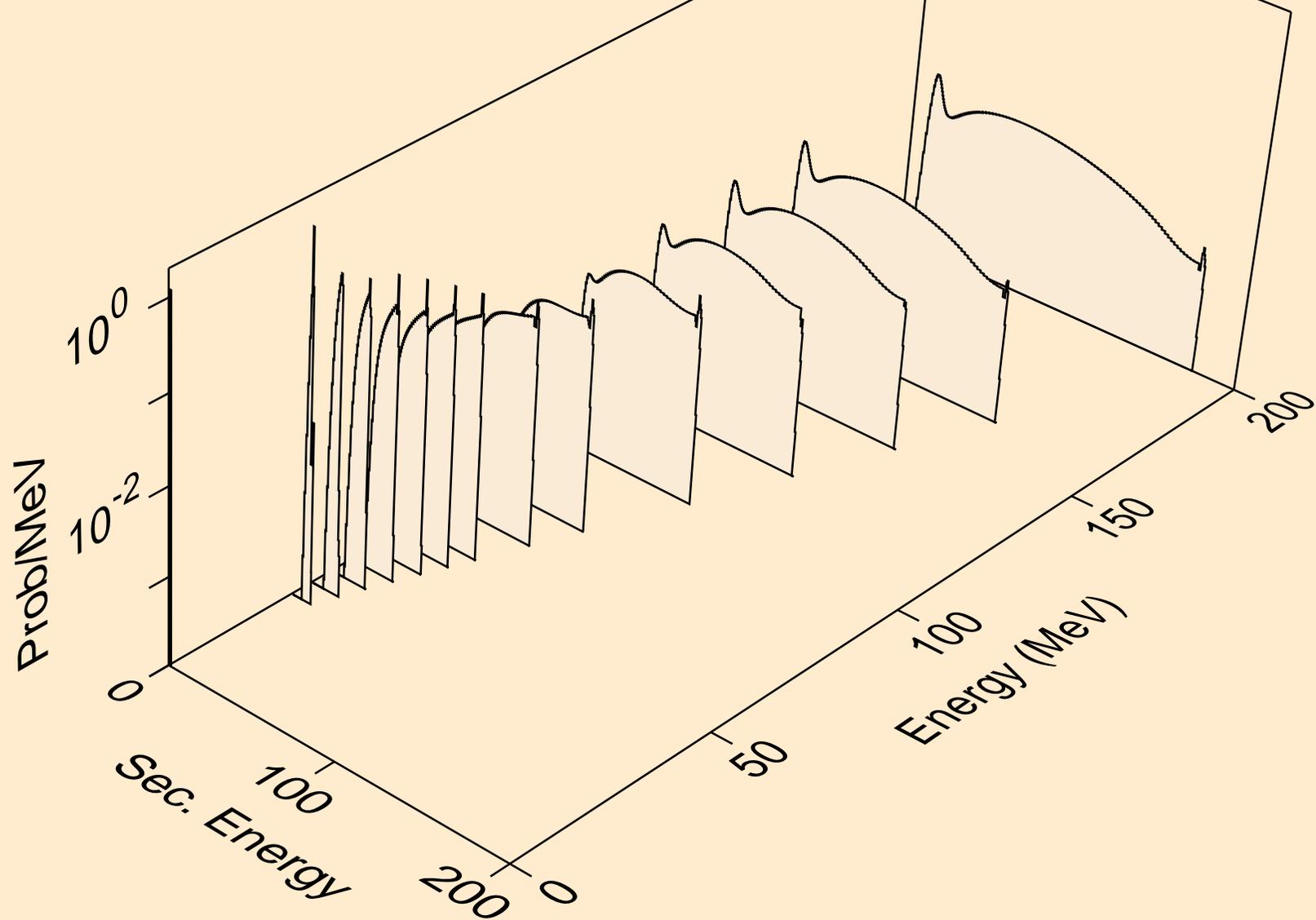
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



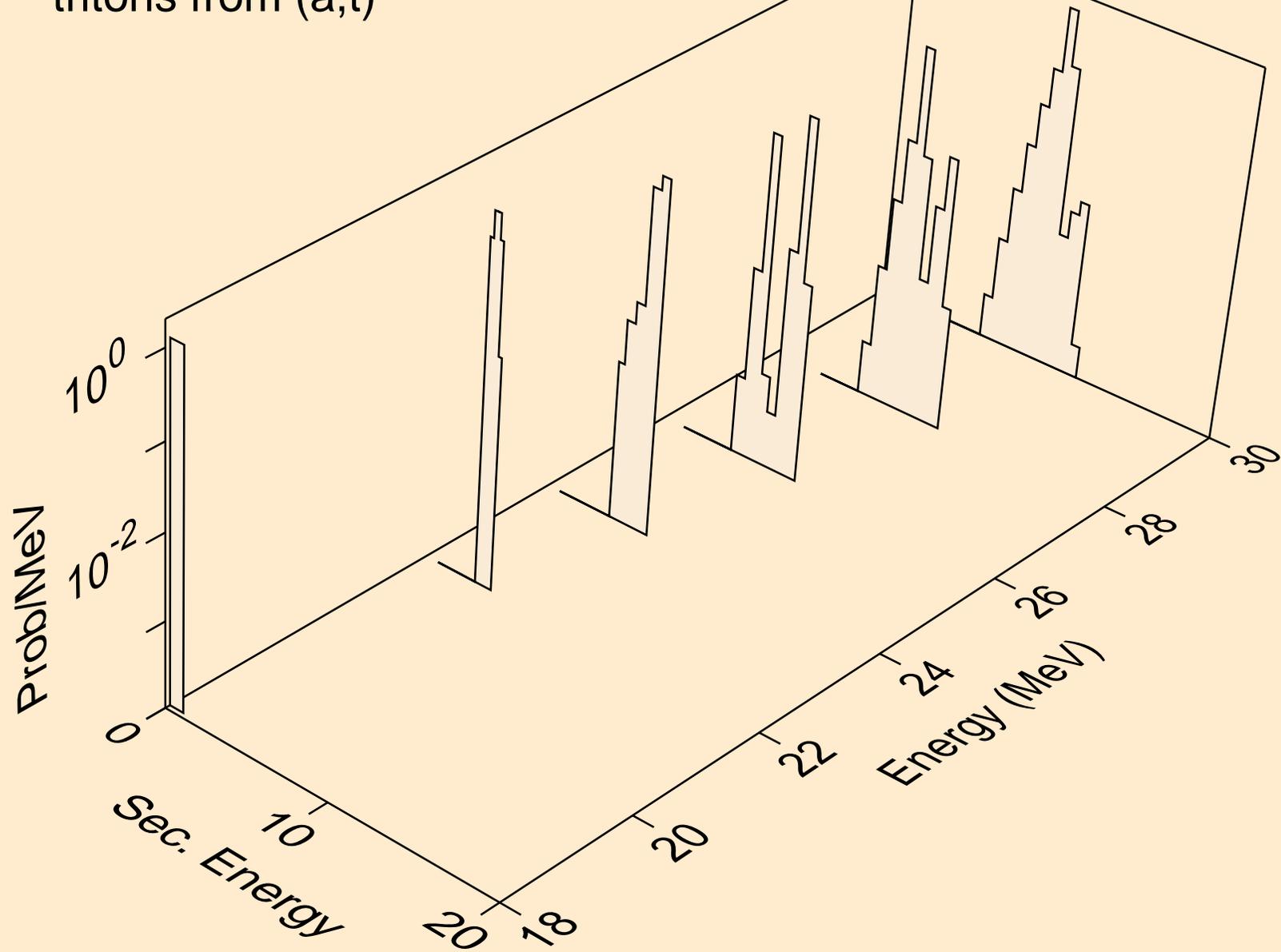
BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)





BI191 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

