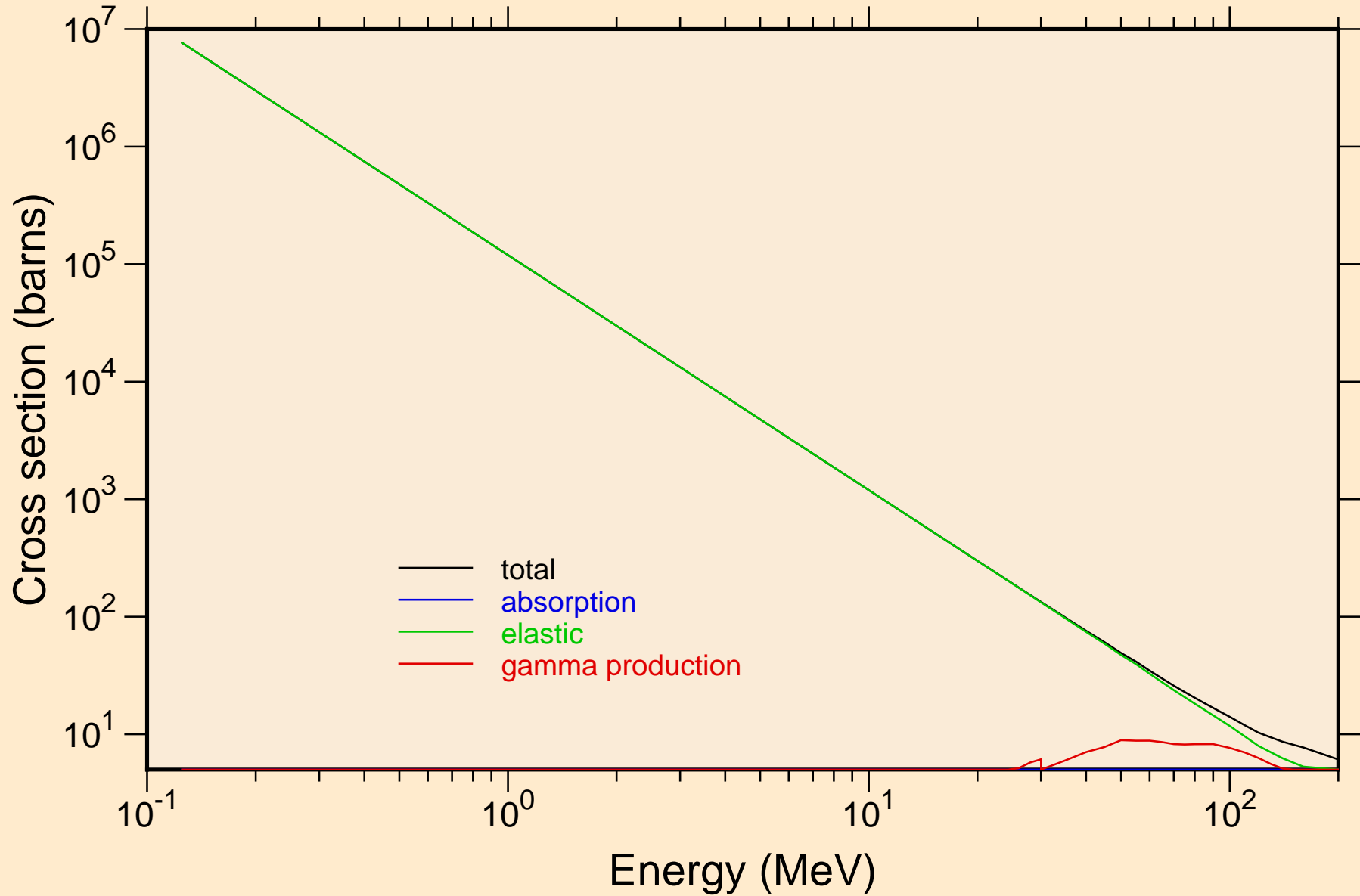
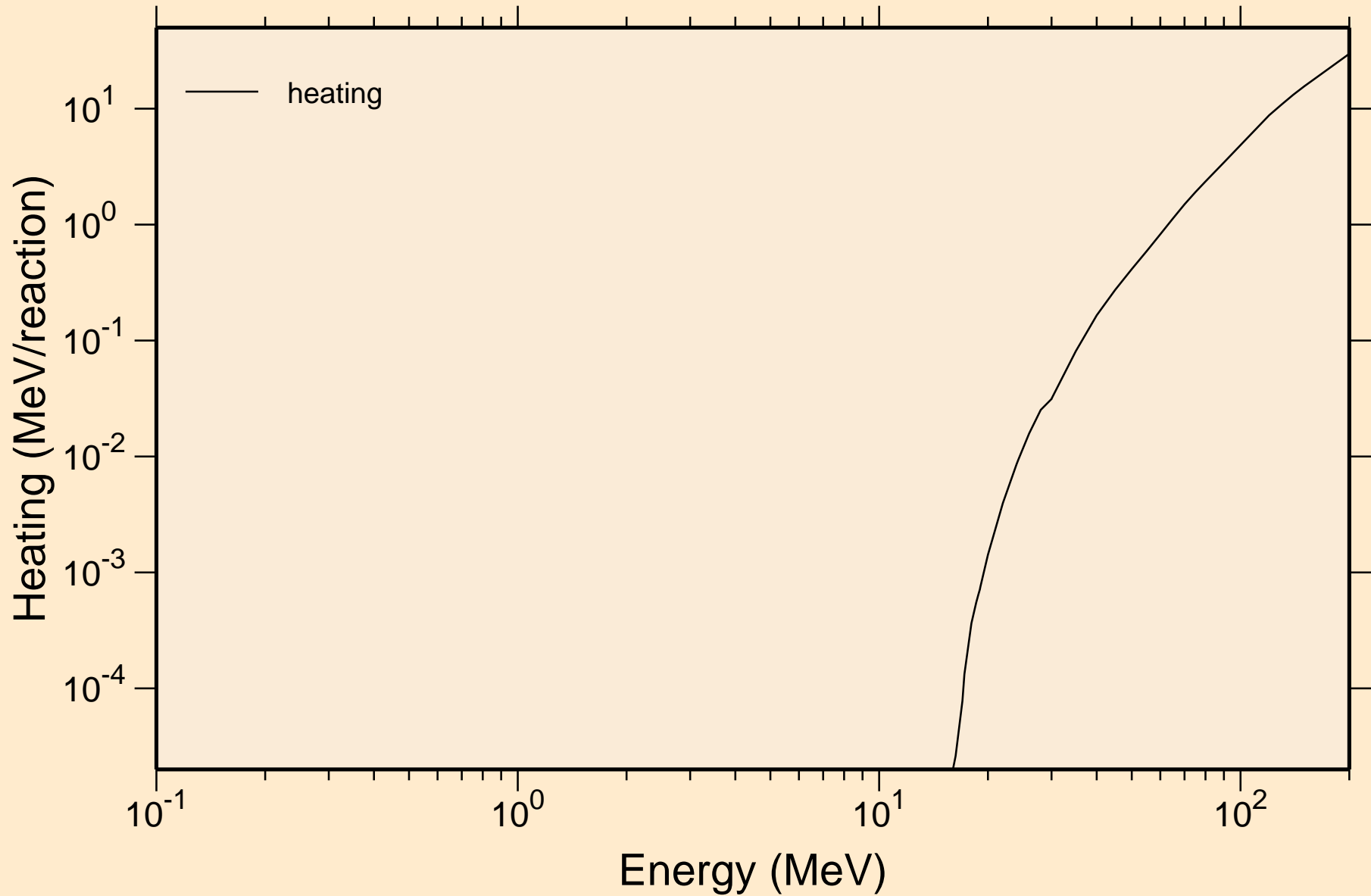


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



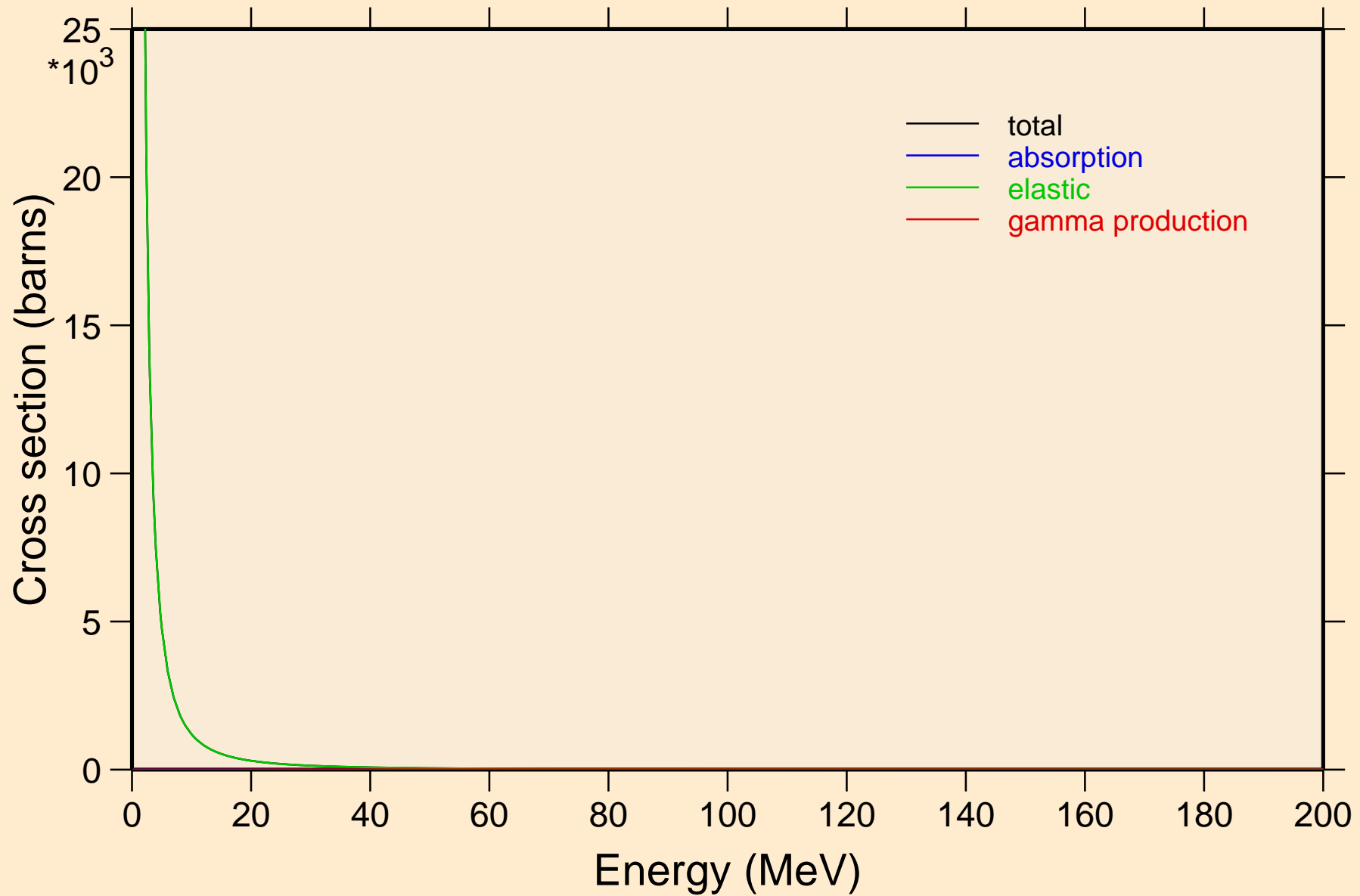
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



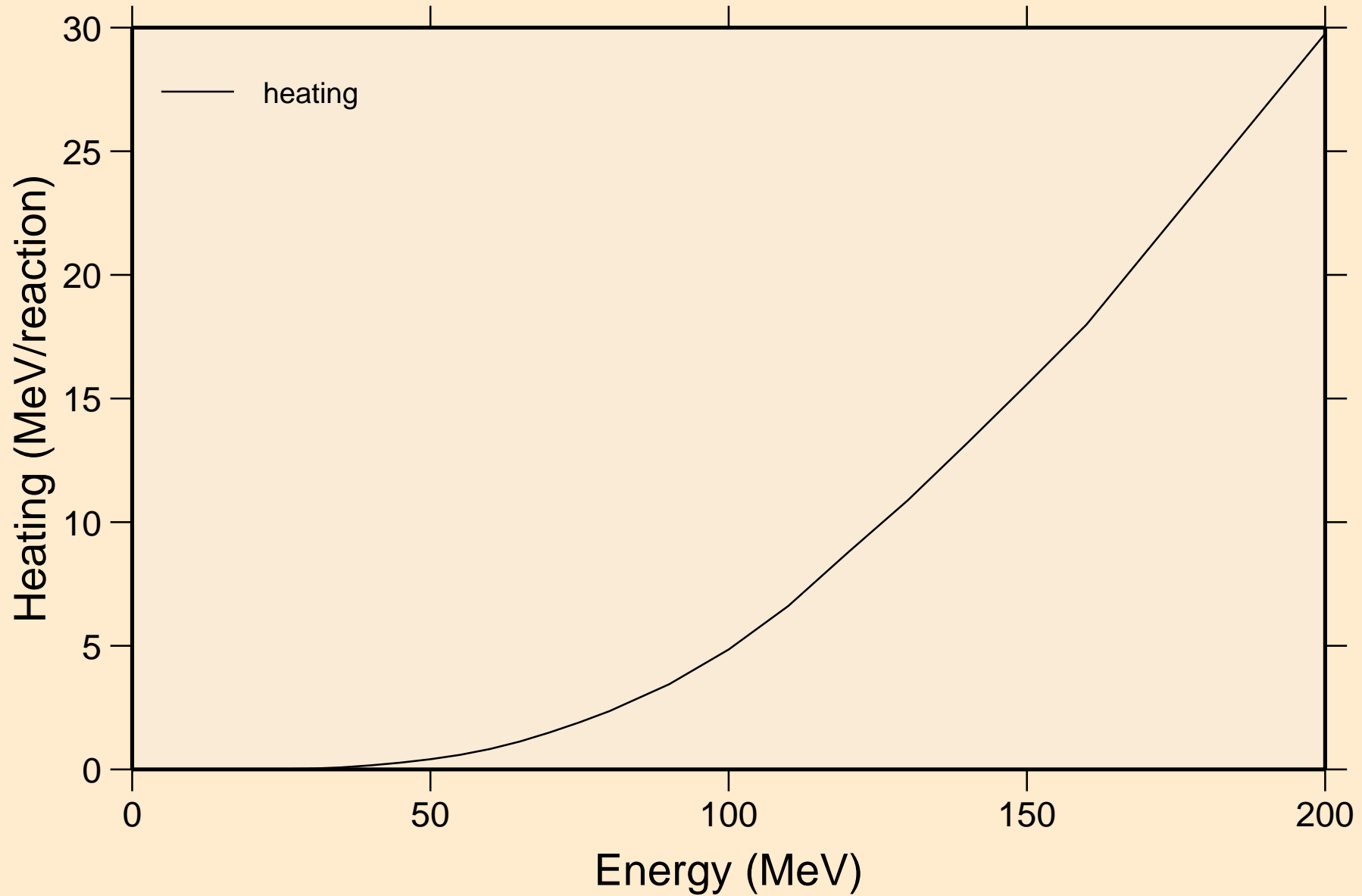
# ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

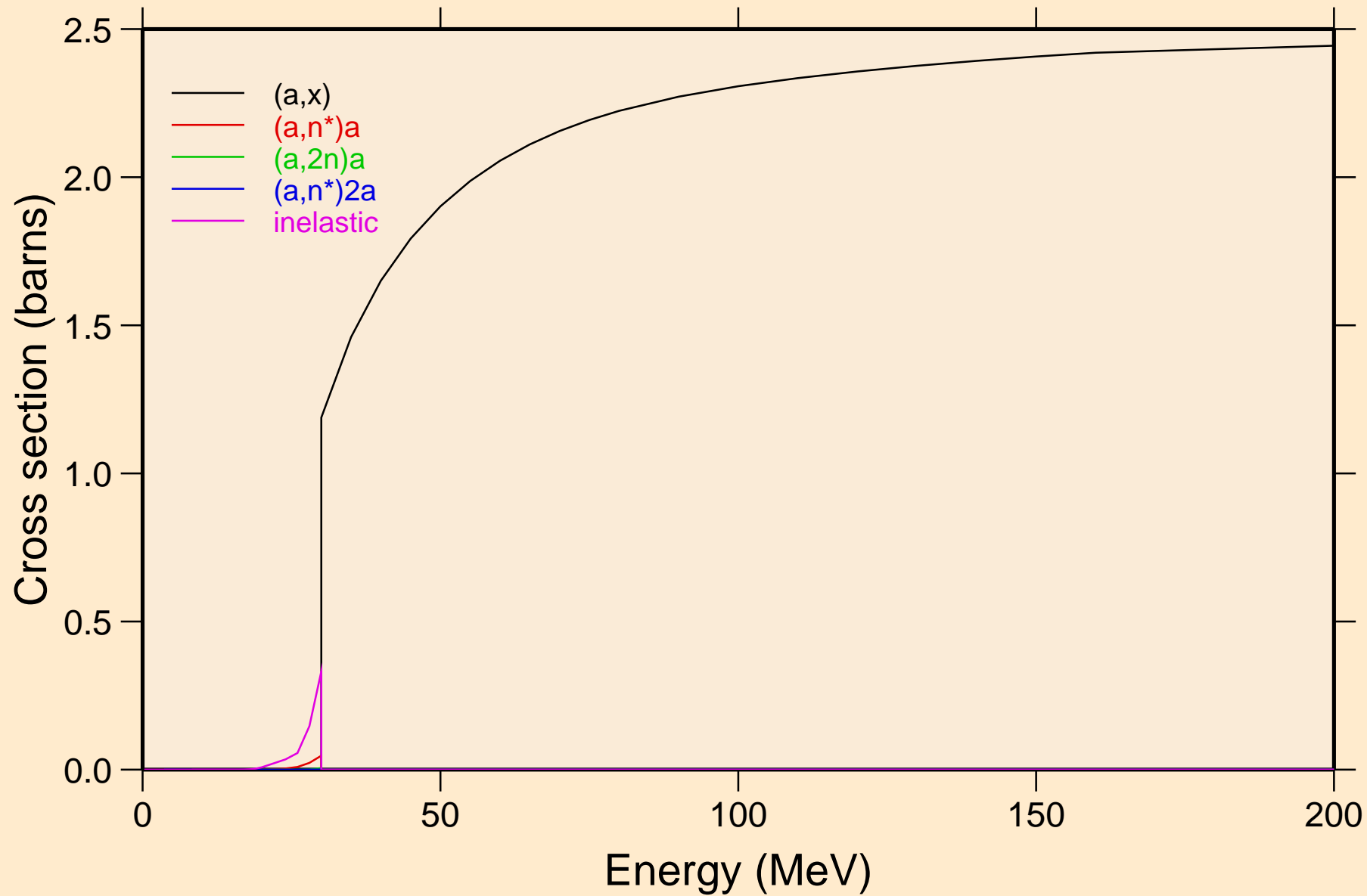


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

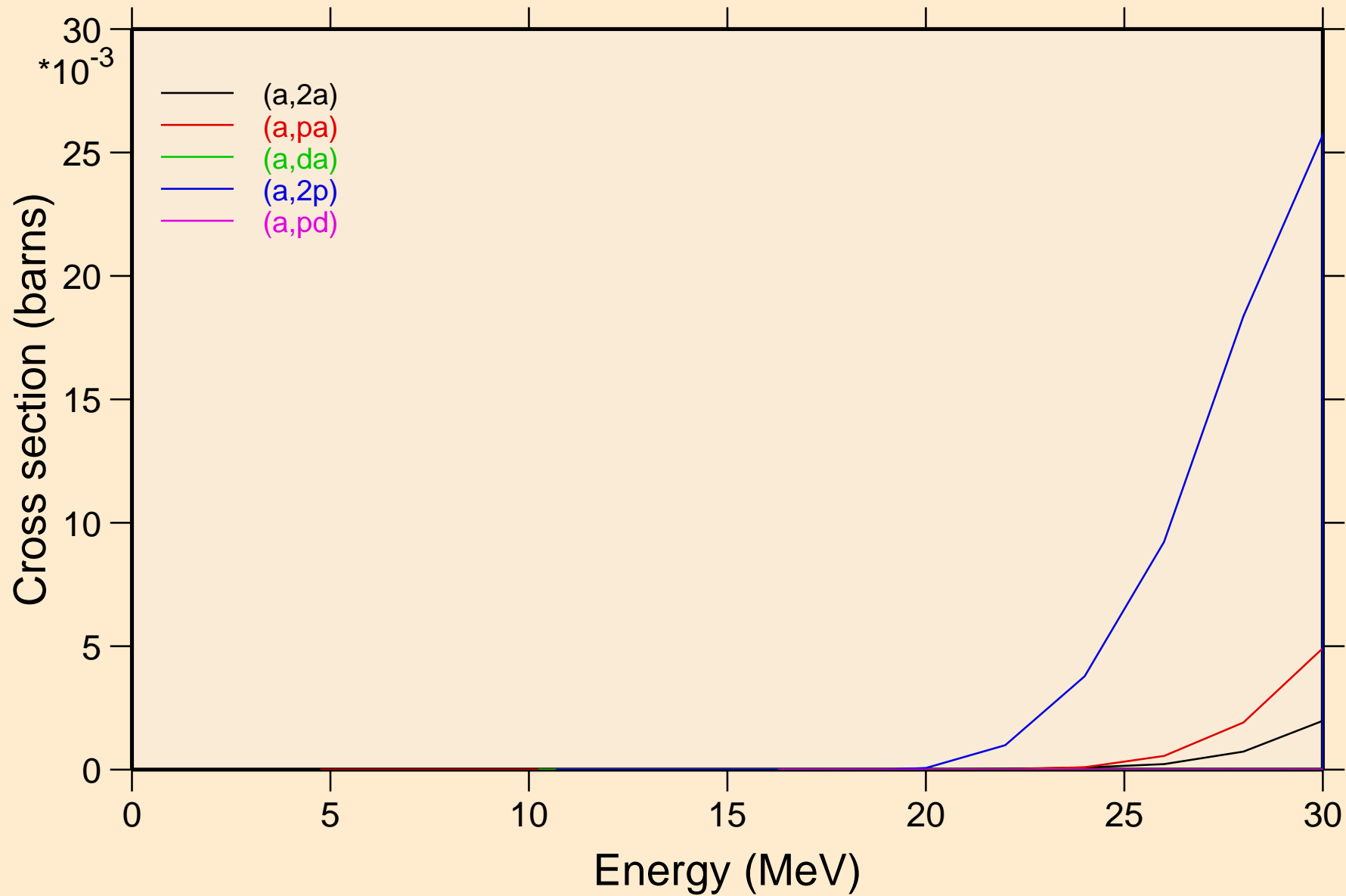
Heating



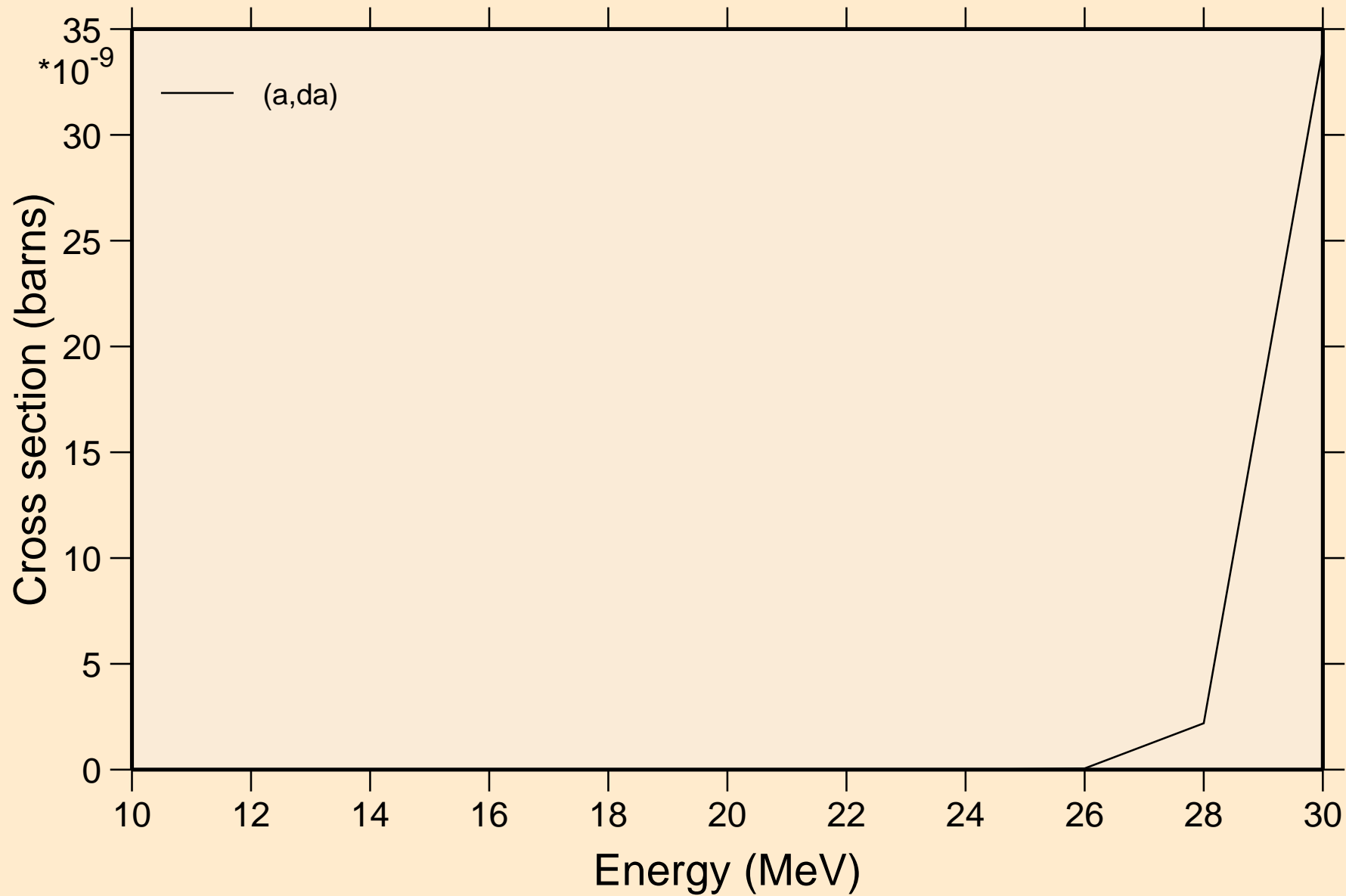
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



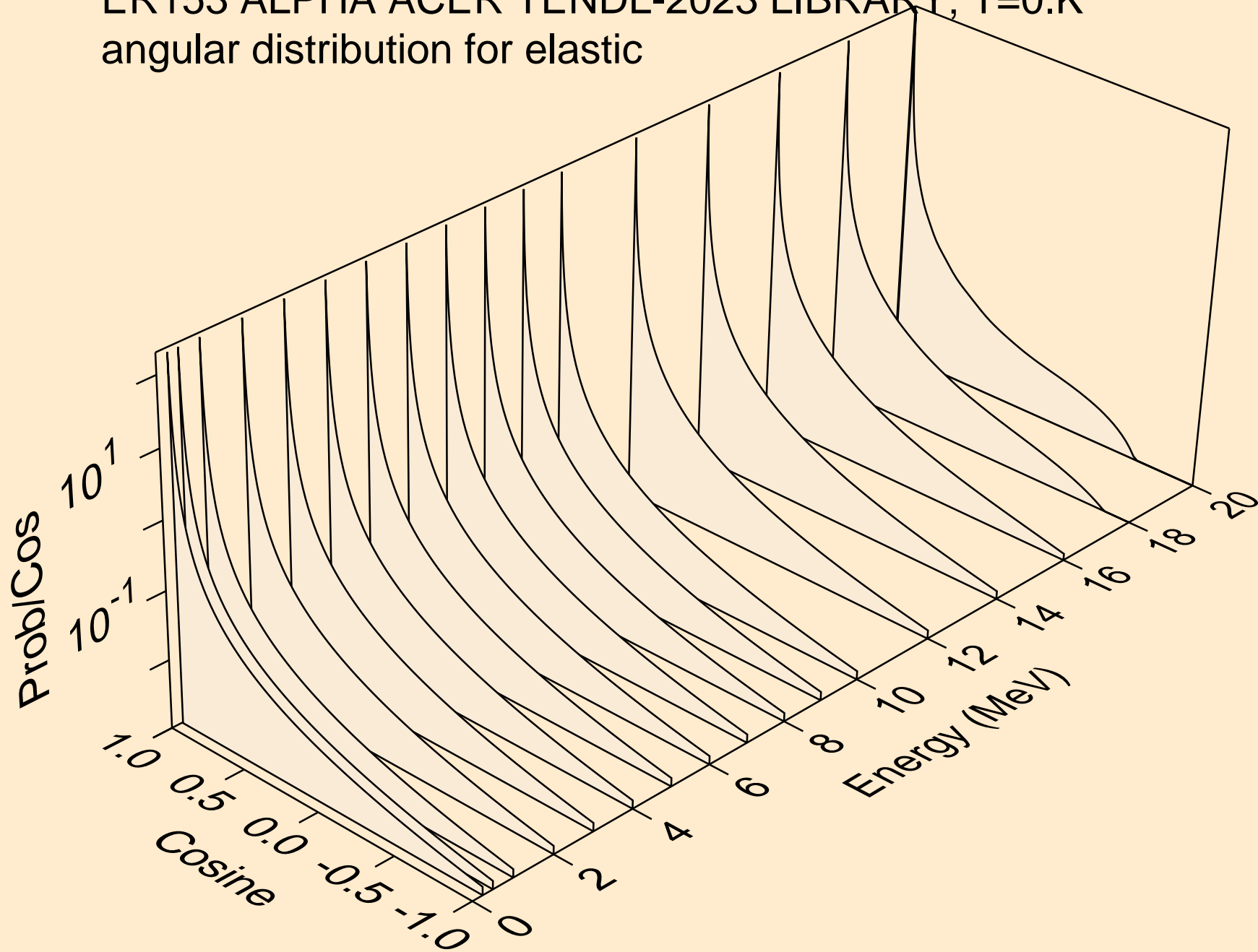
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

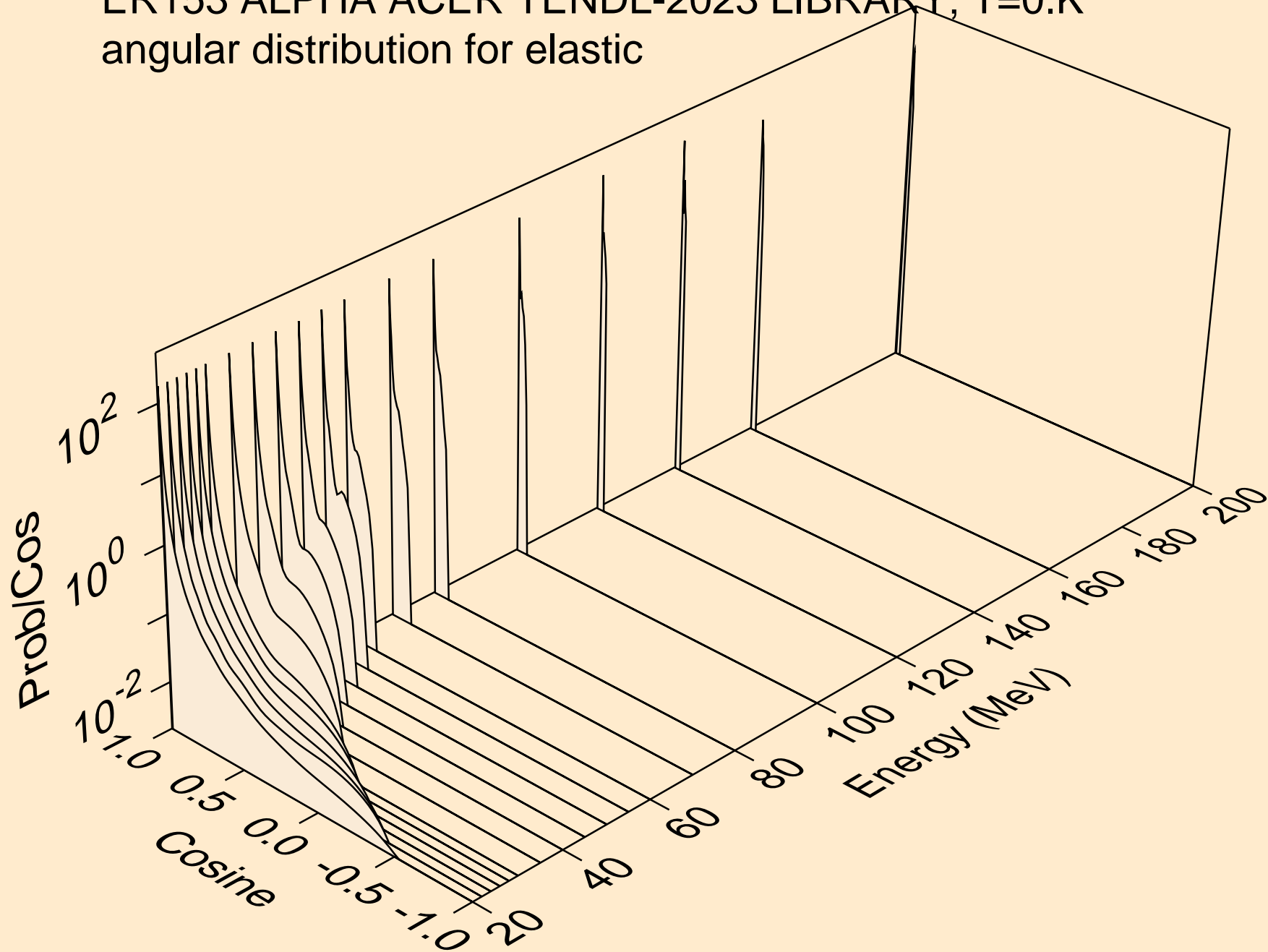


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



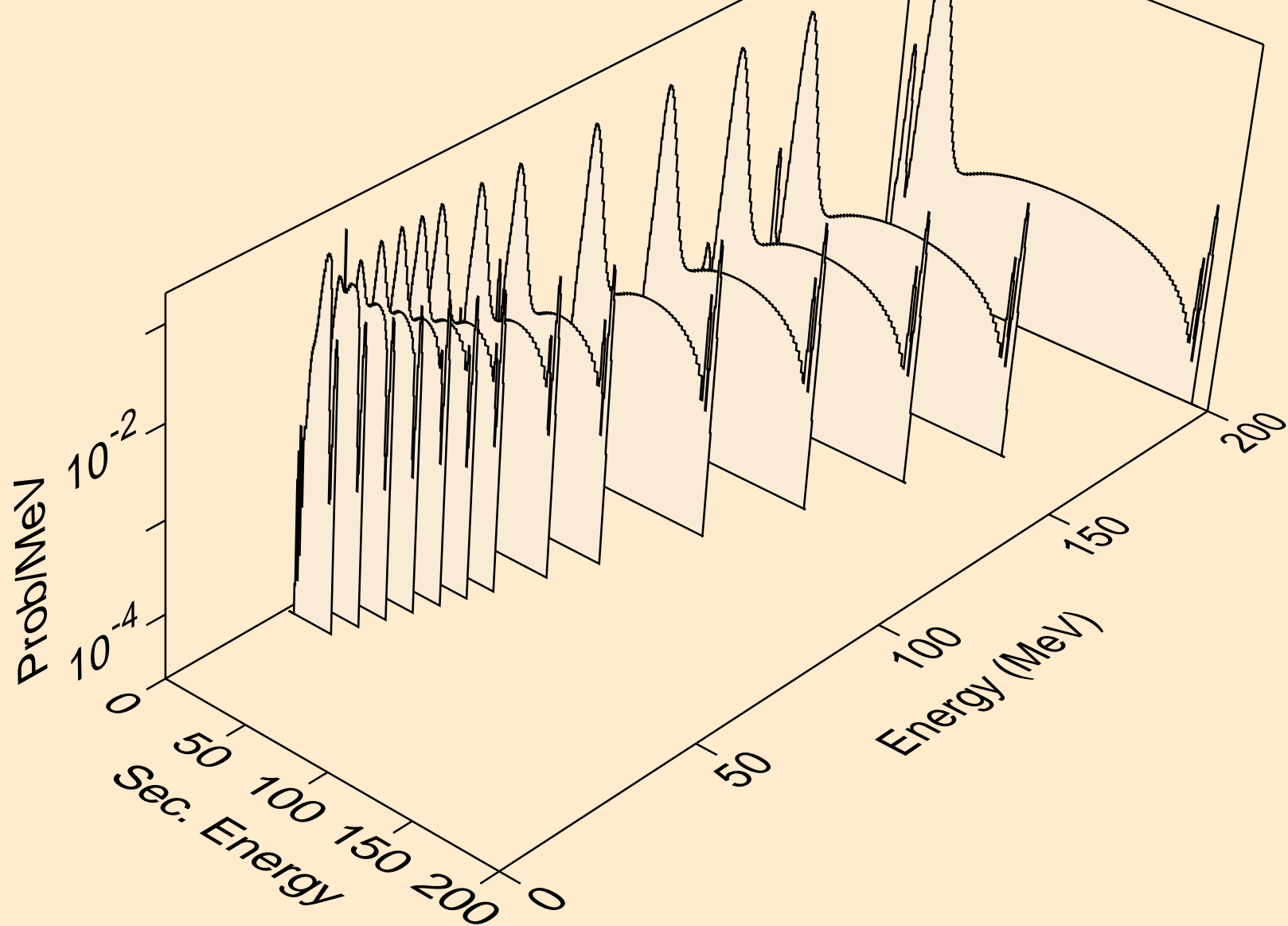


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

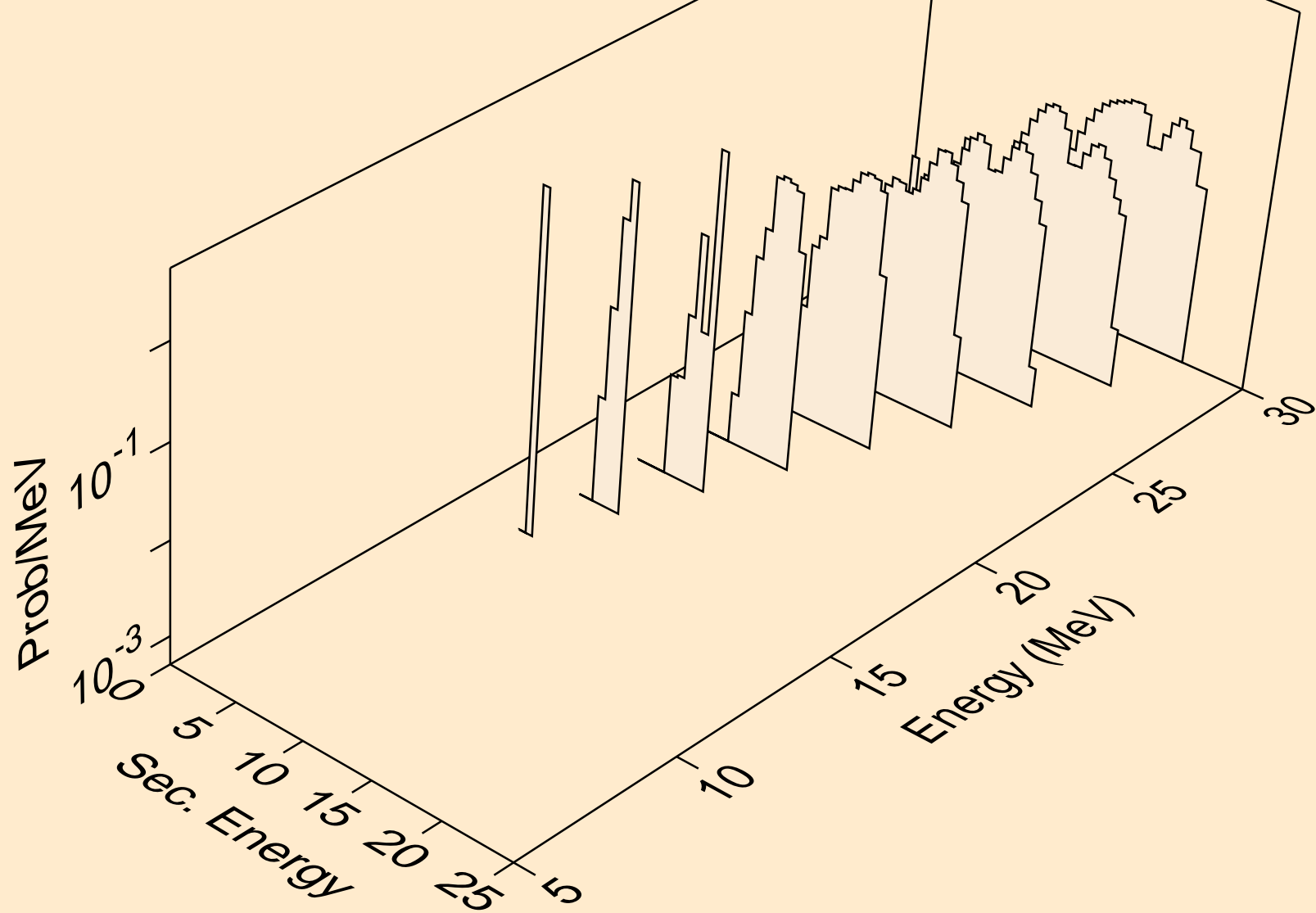


# ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

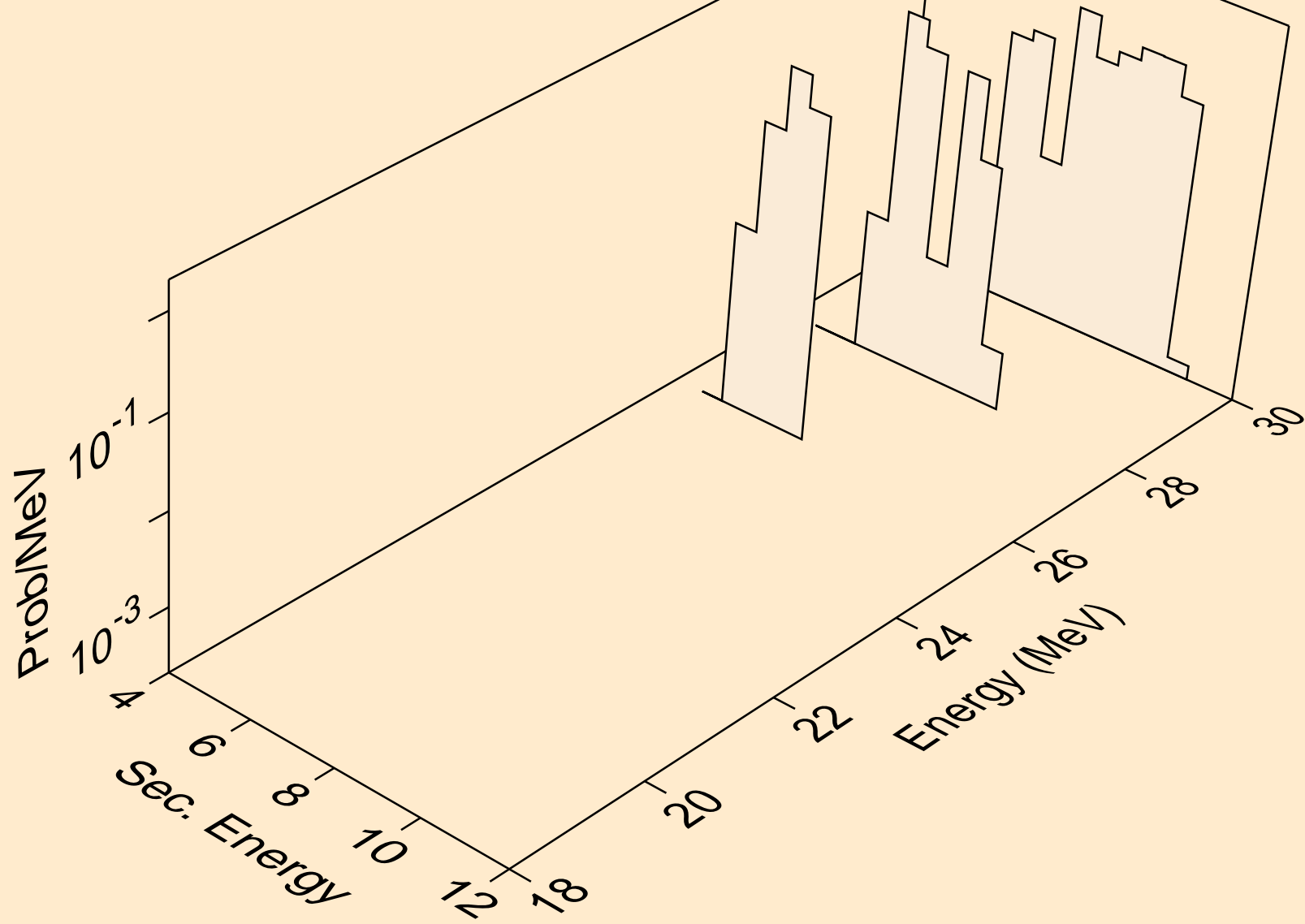


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

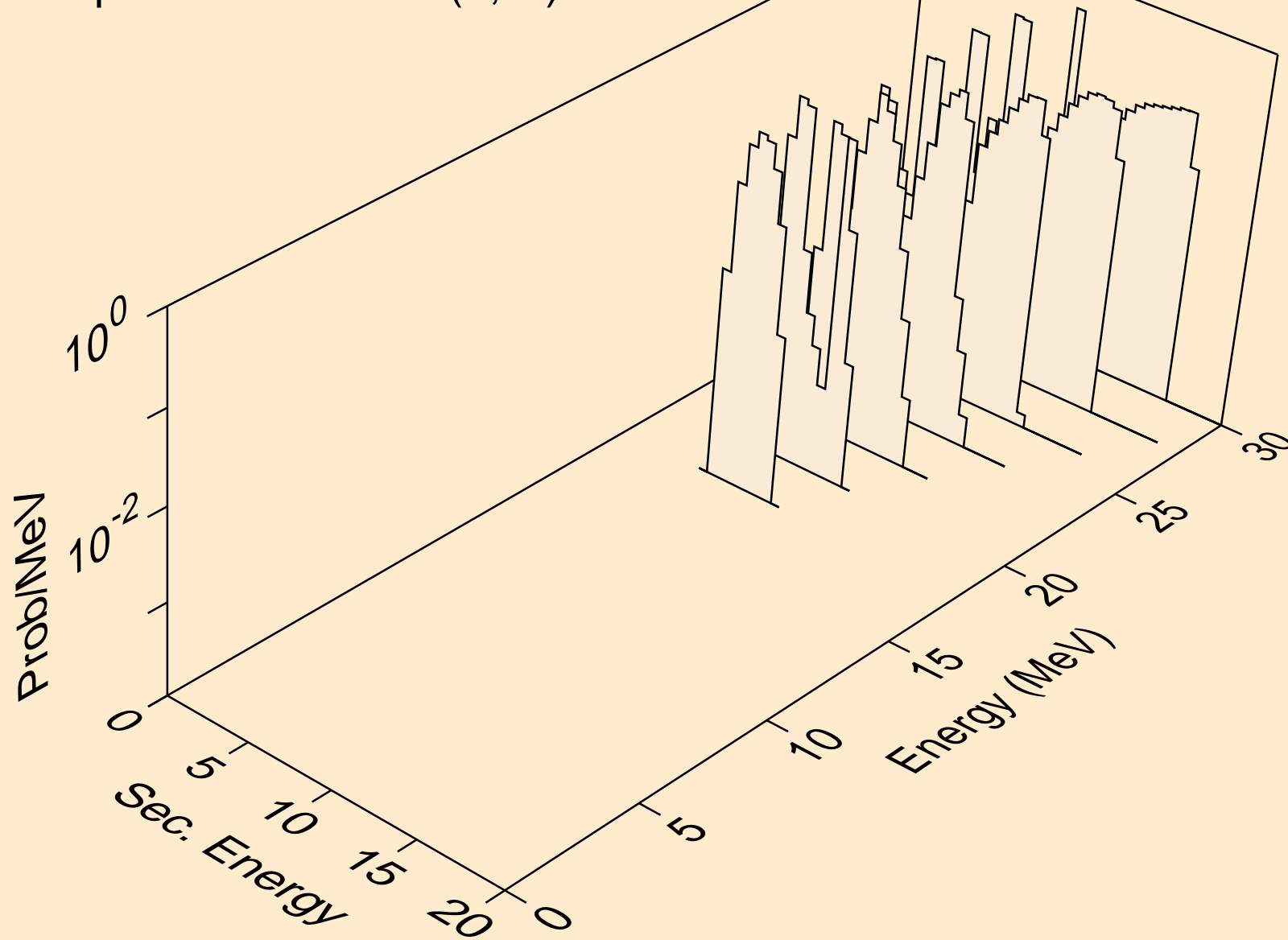


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

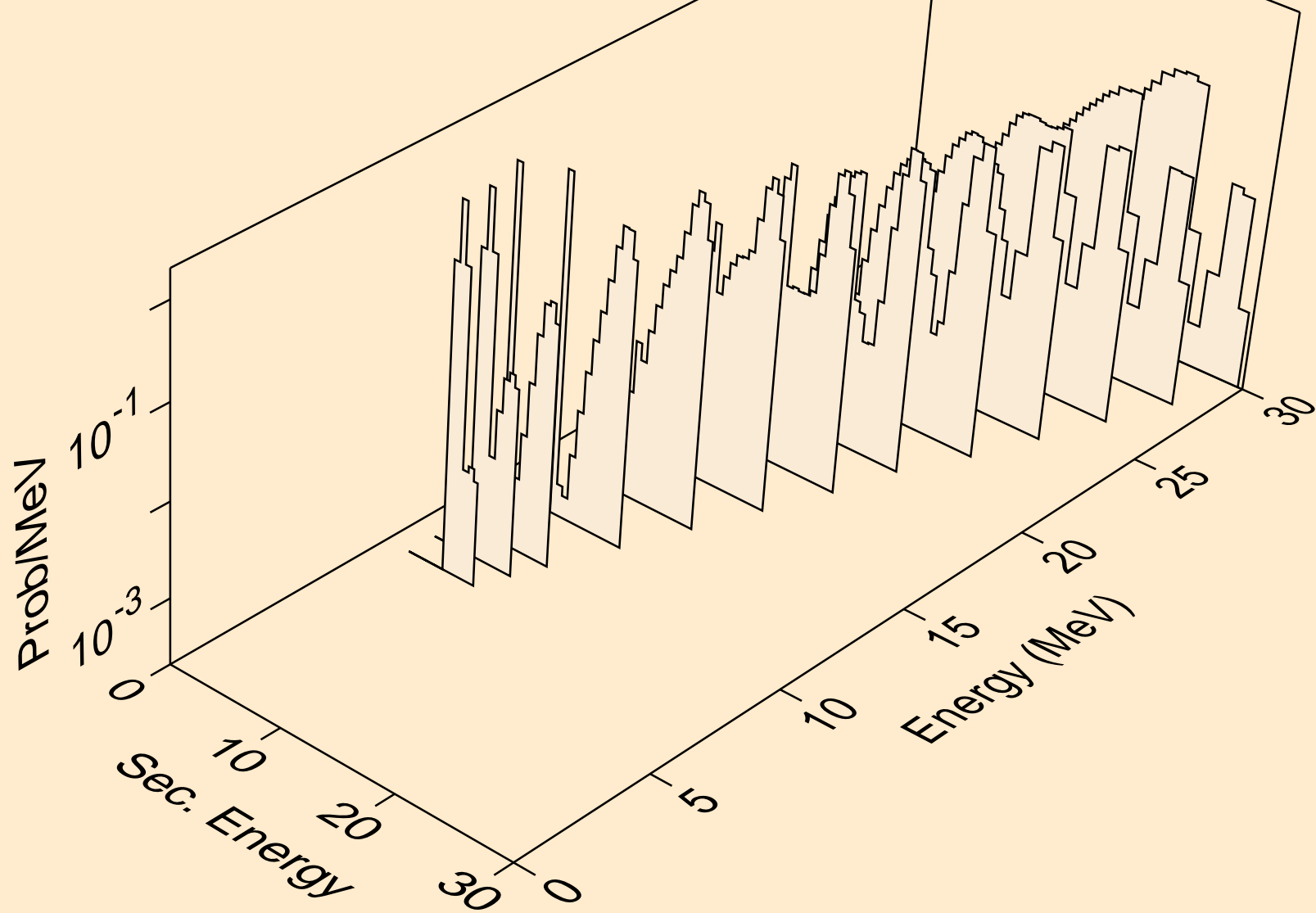
Alpha emission for (a,2n)a



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a

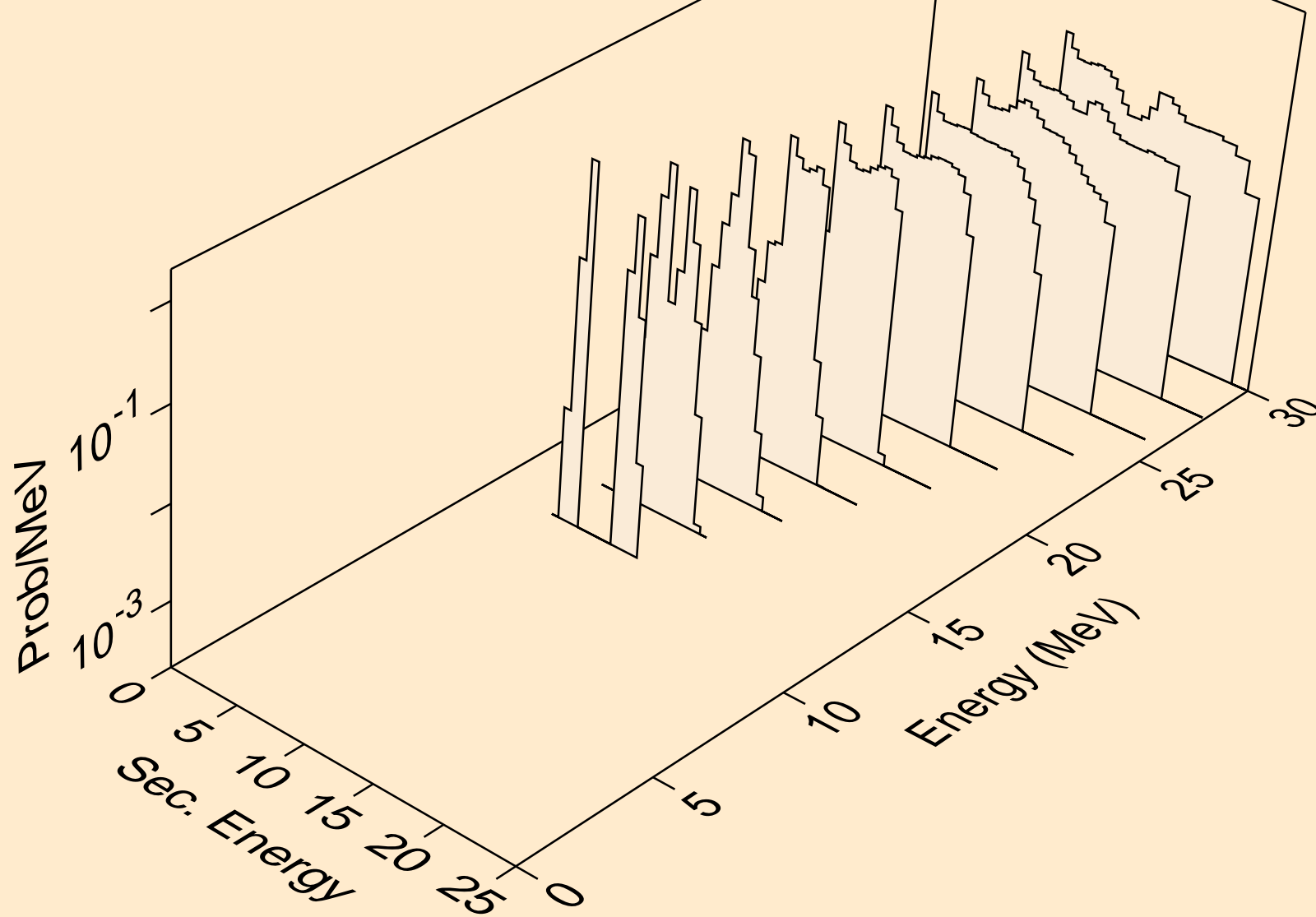


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



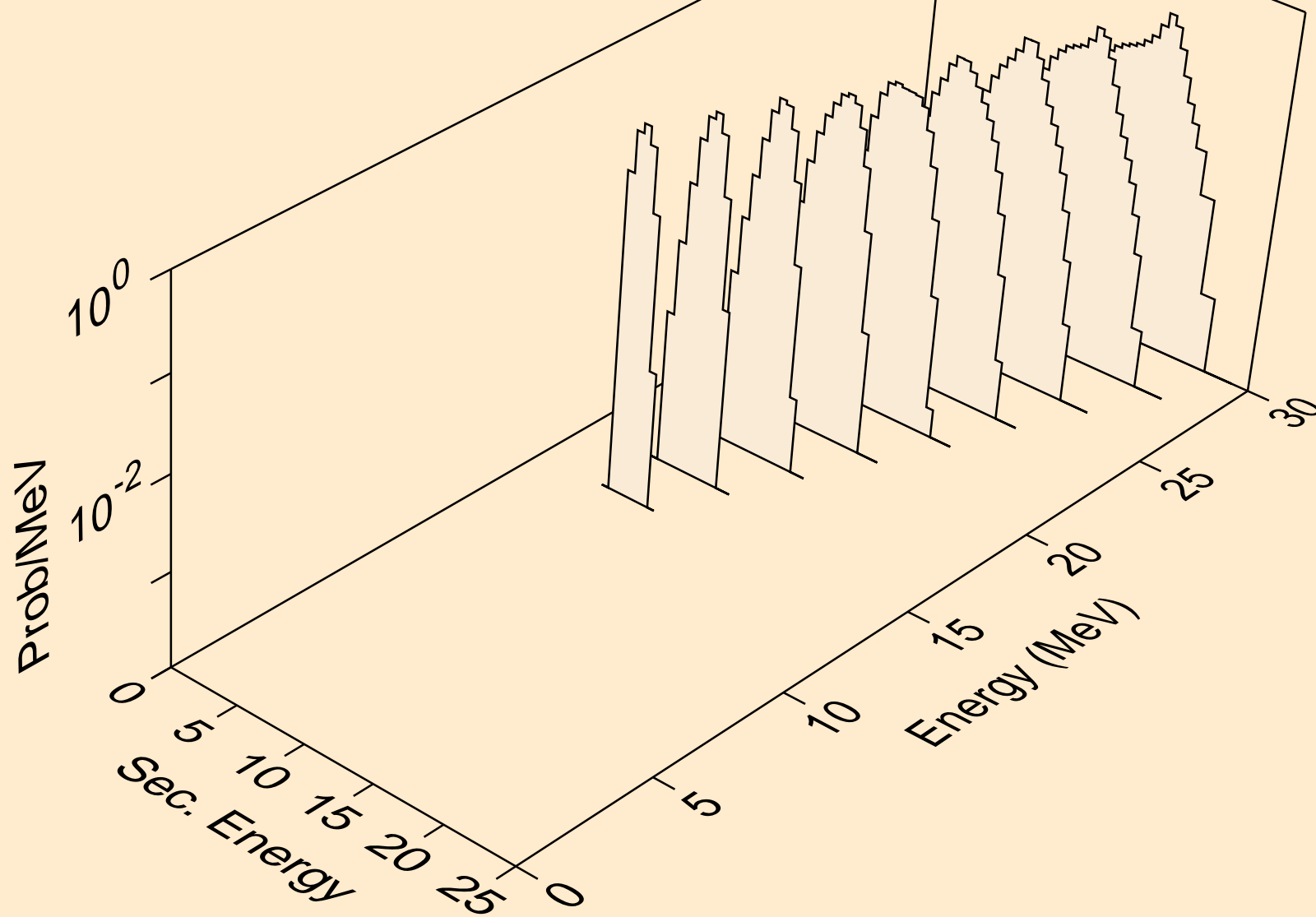
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



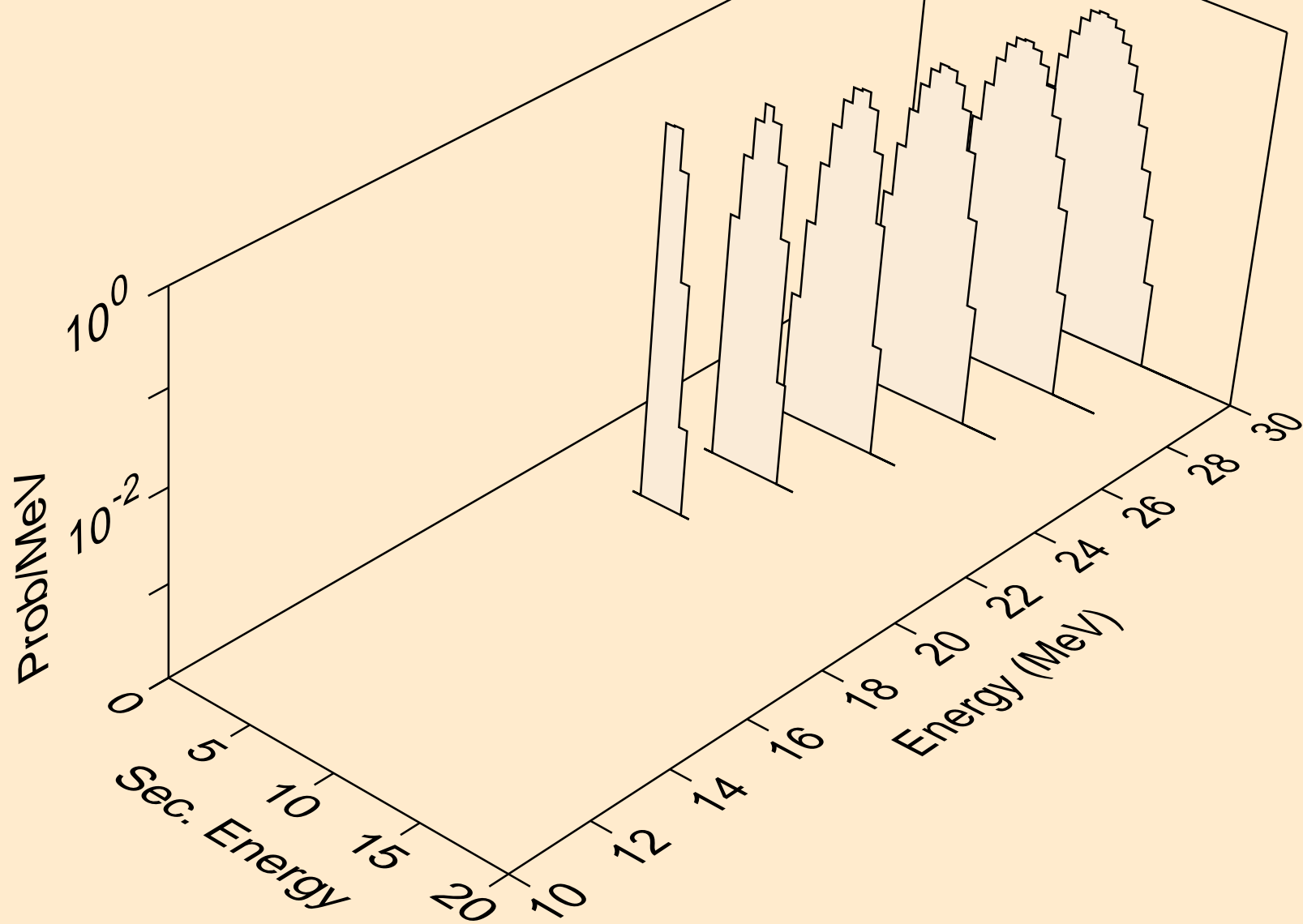
# ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)

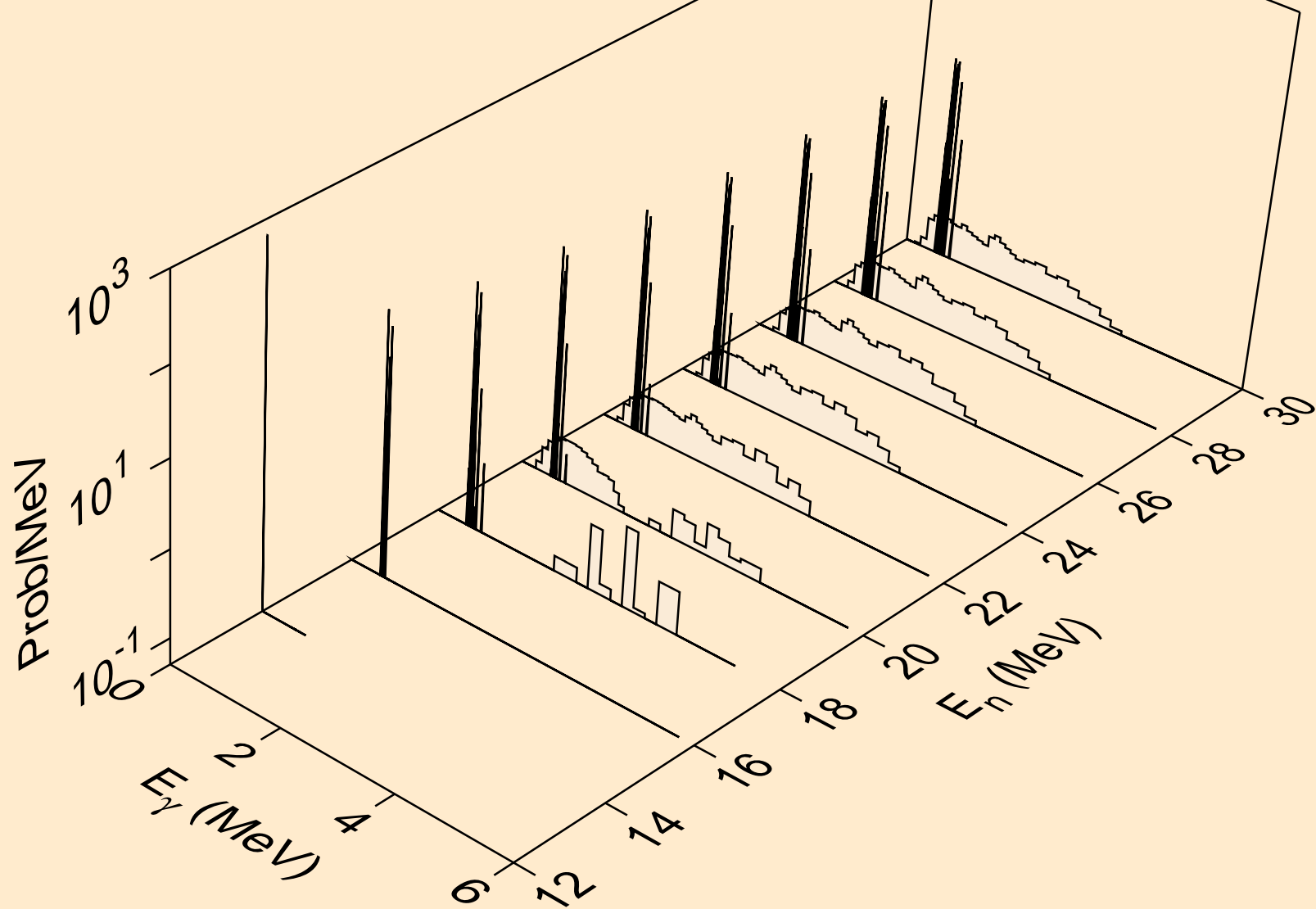




ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

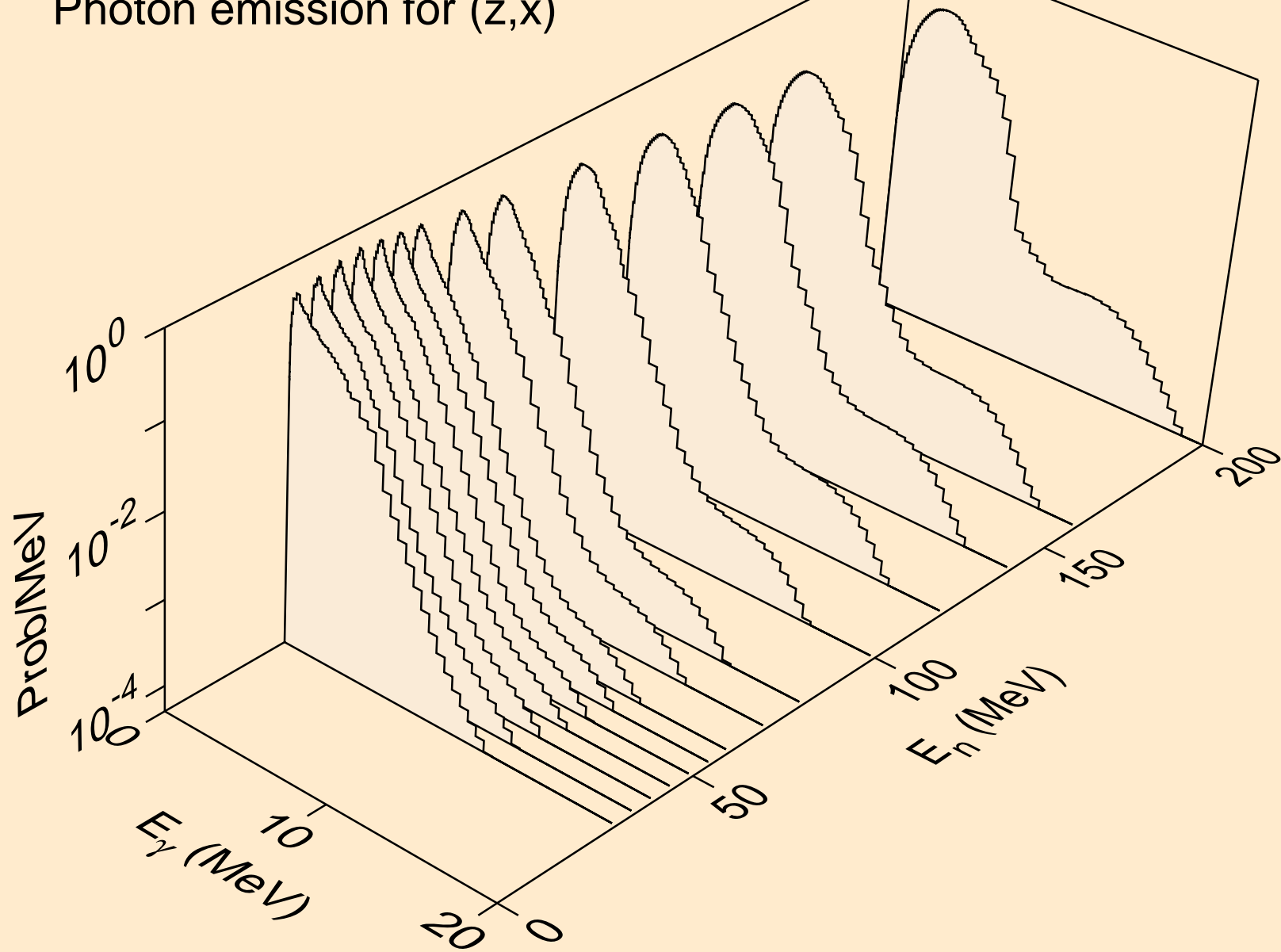


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

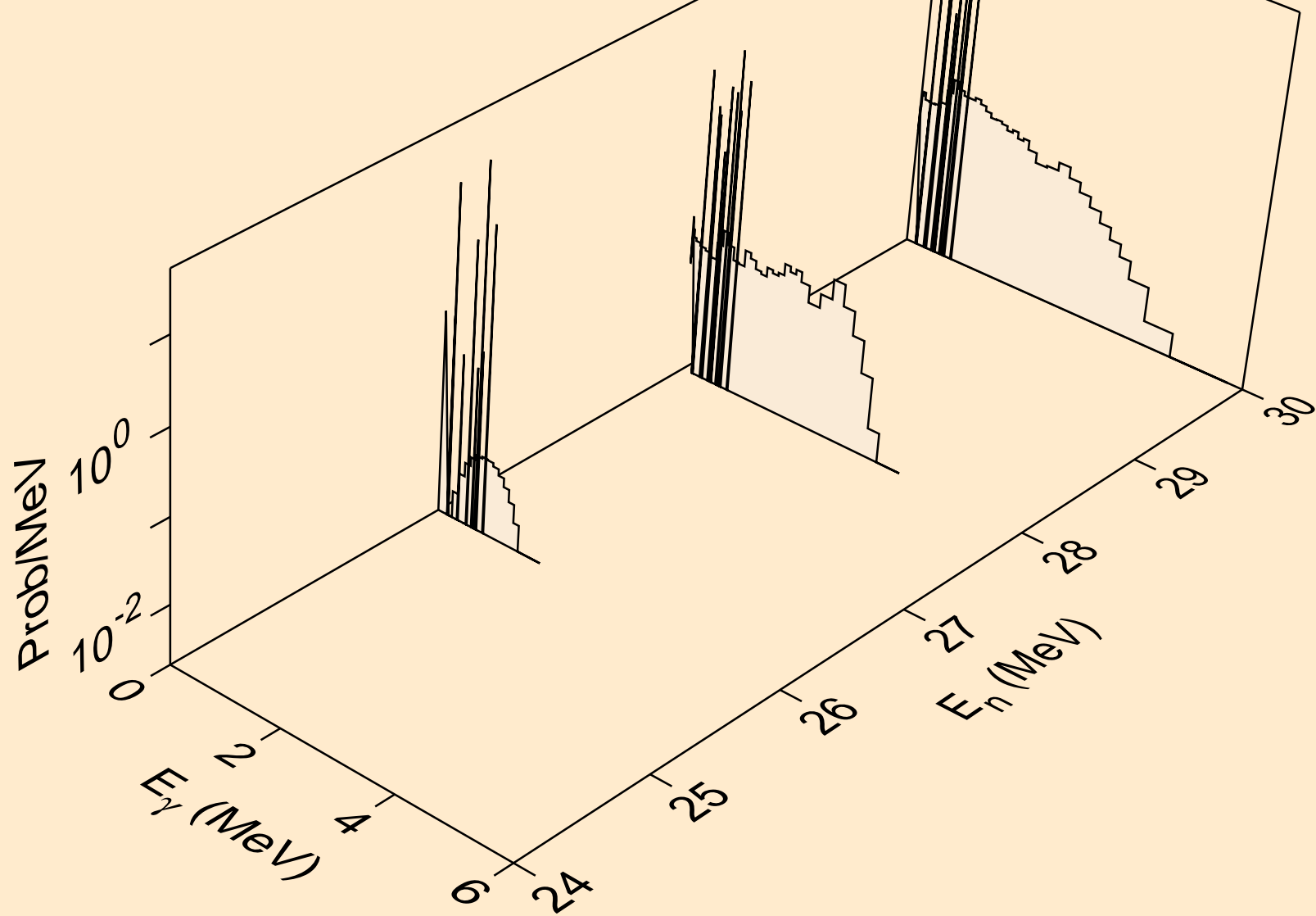


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

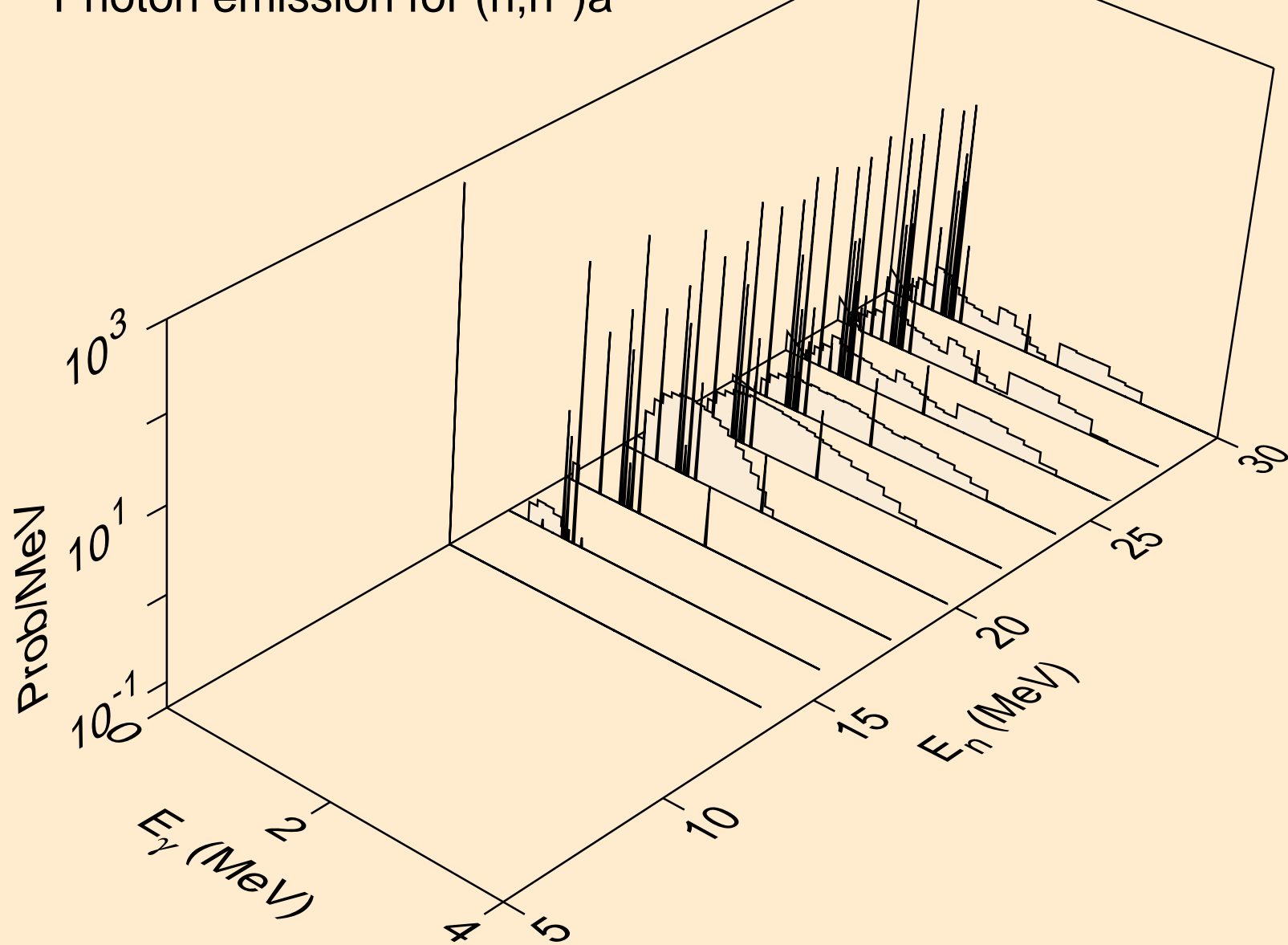
Photon emission for (z,x)



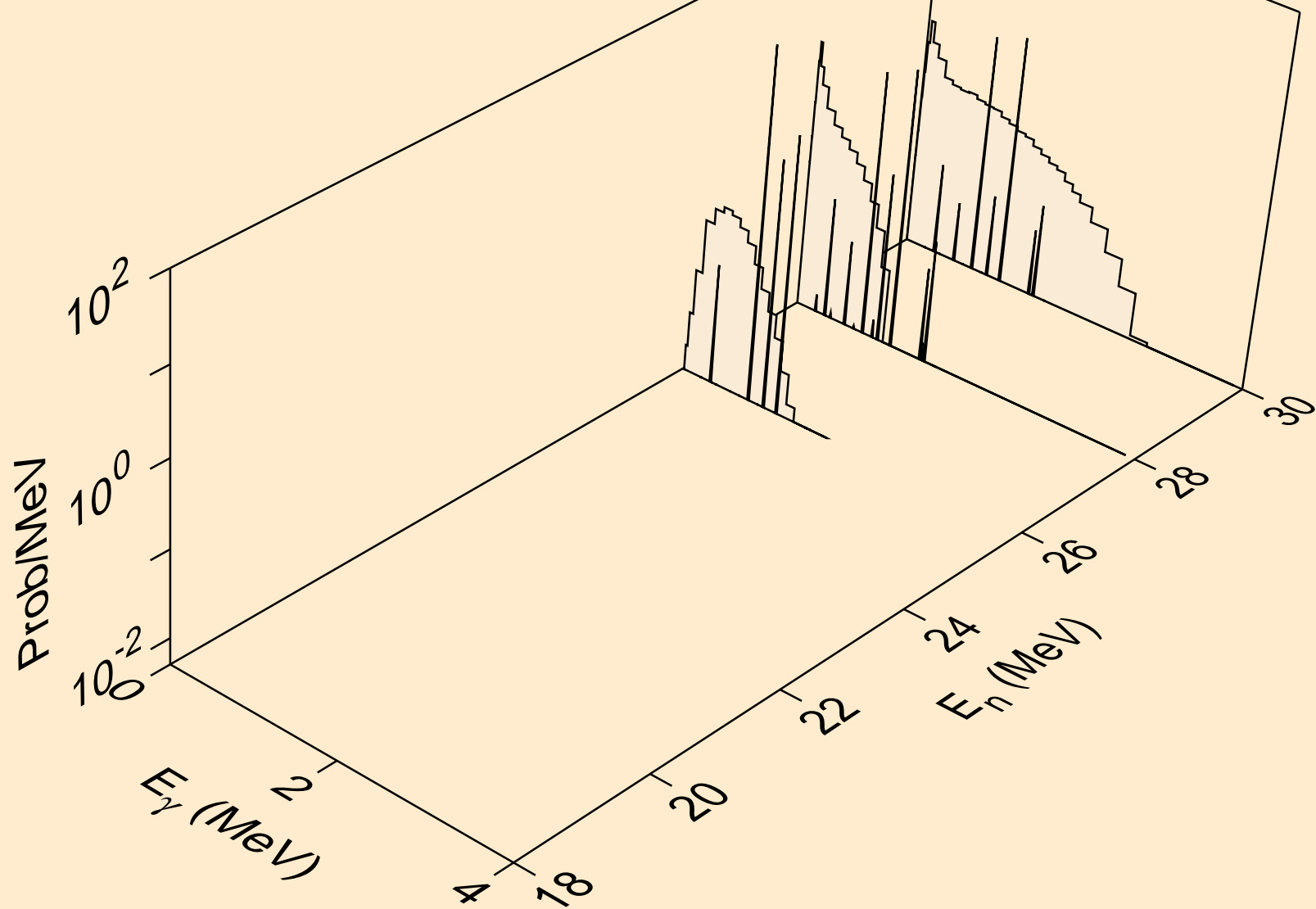
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



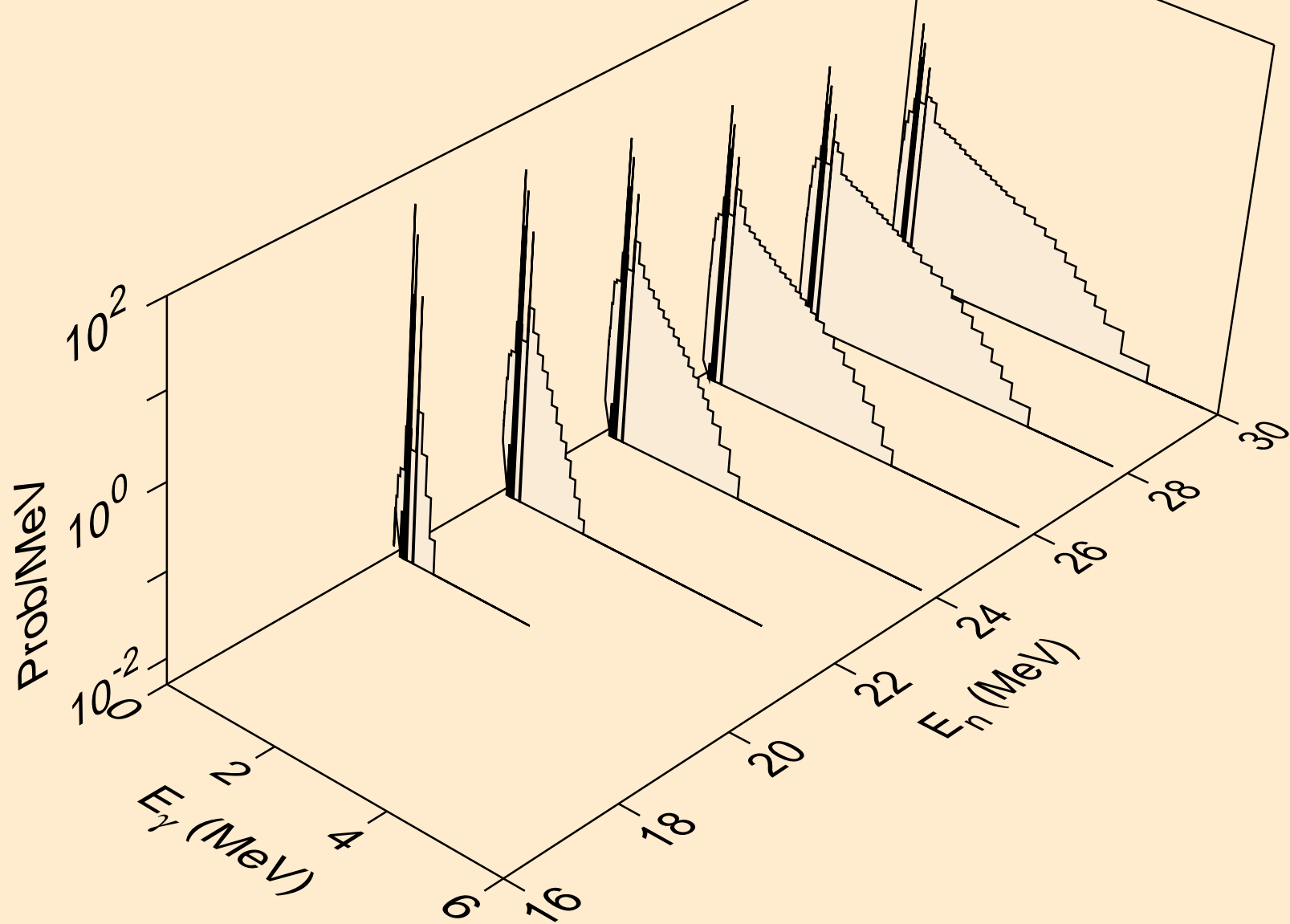
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



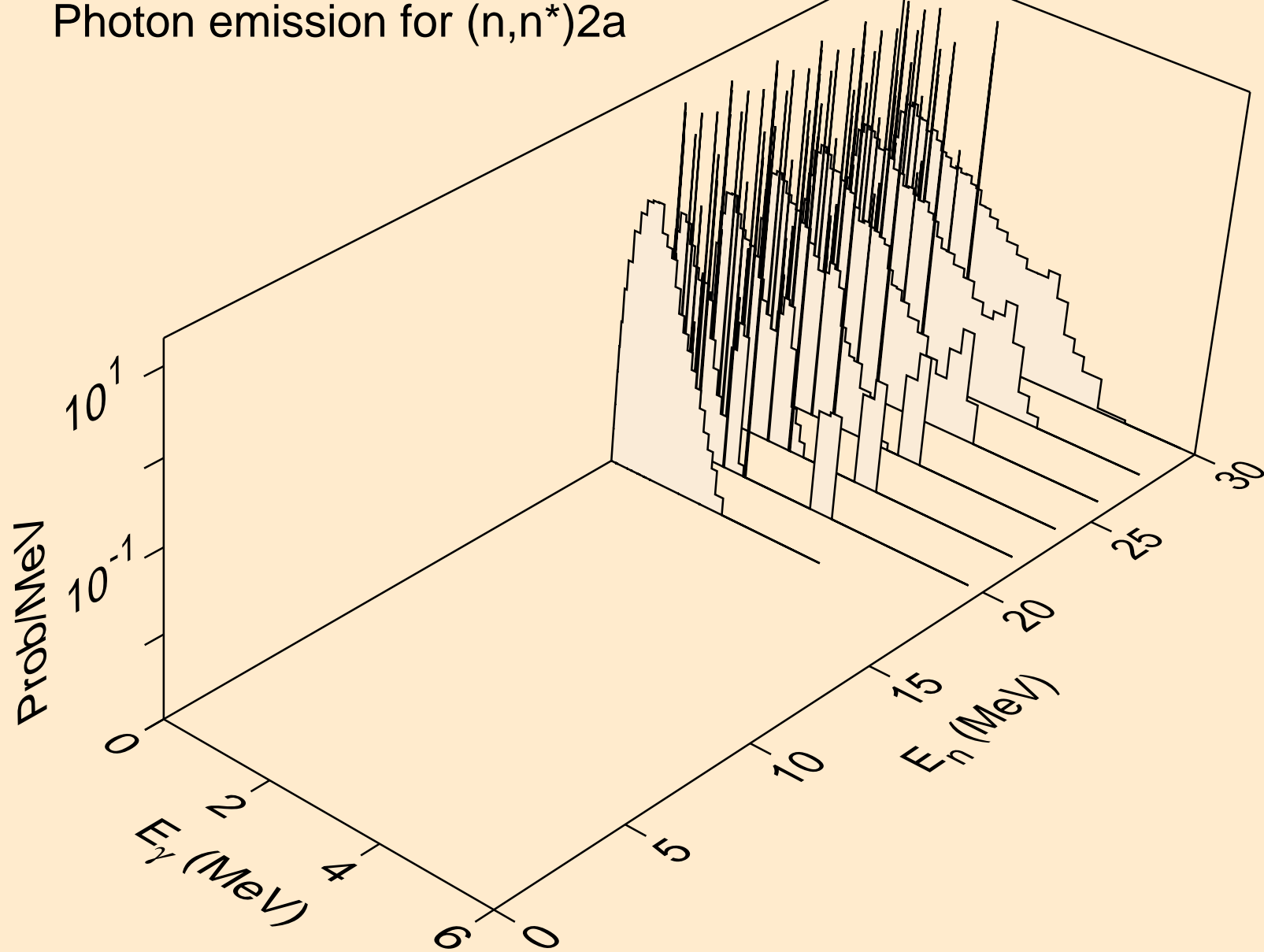
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

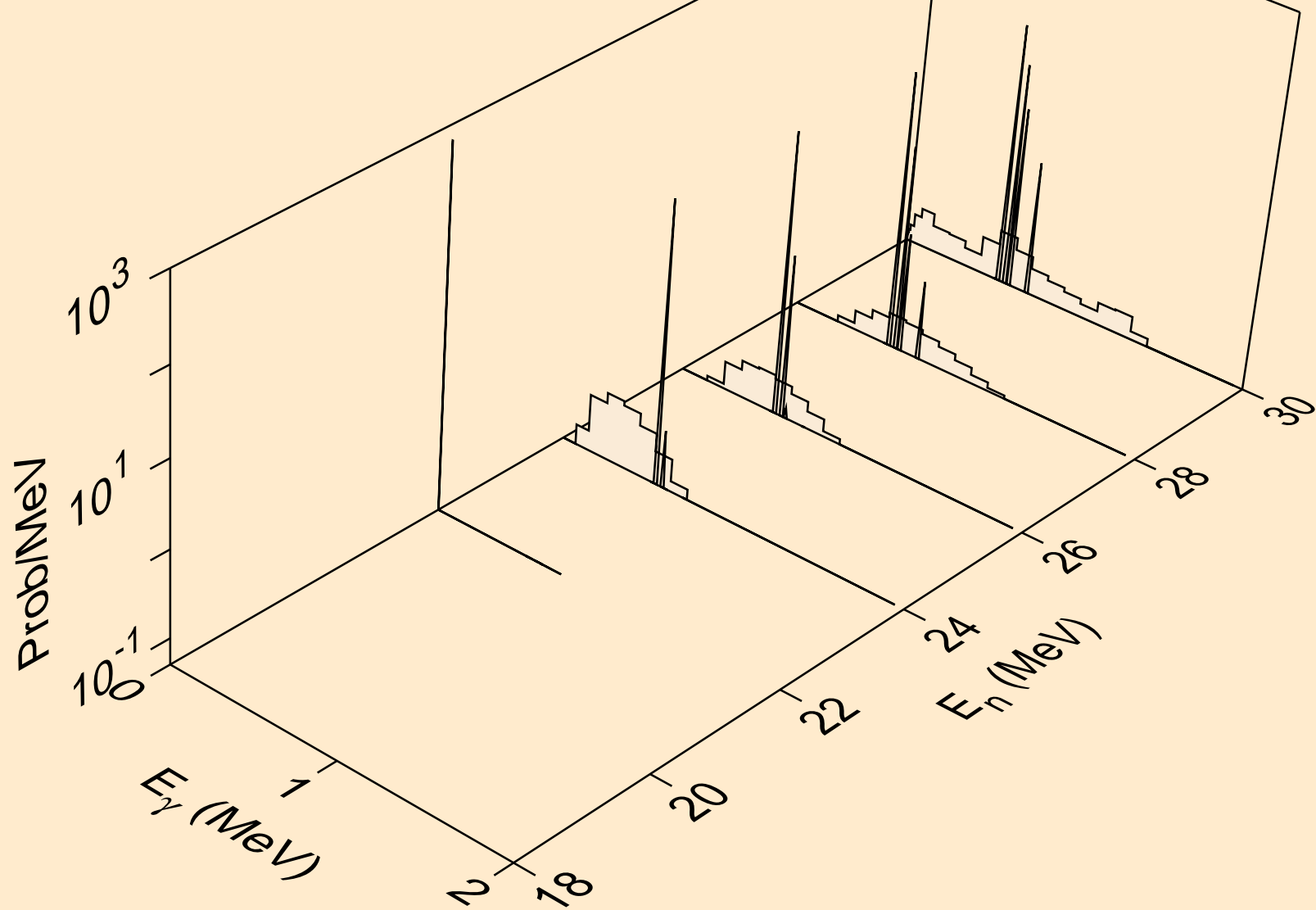


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

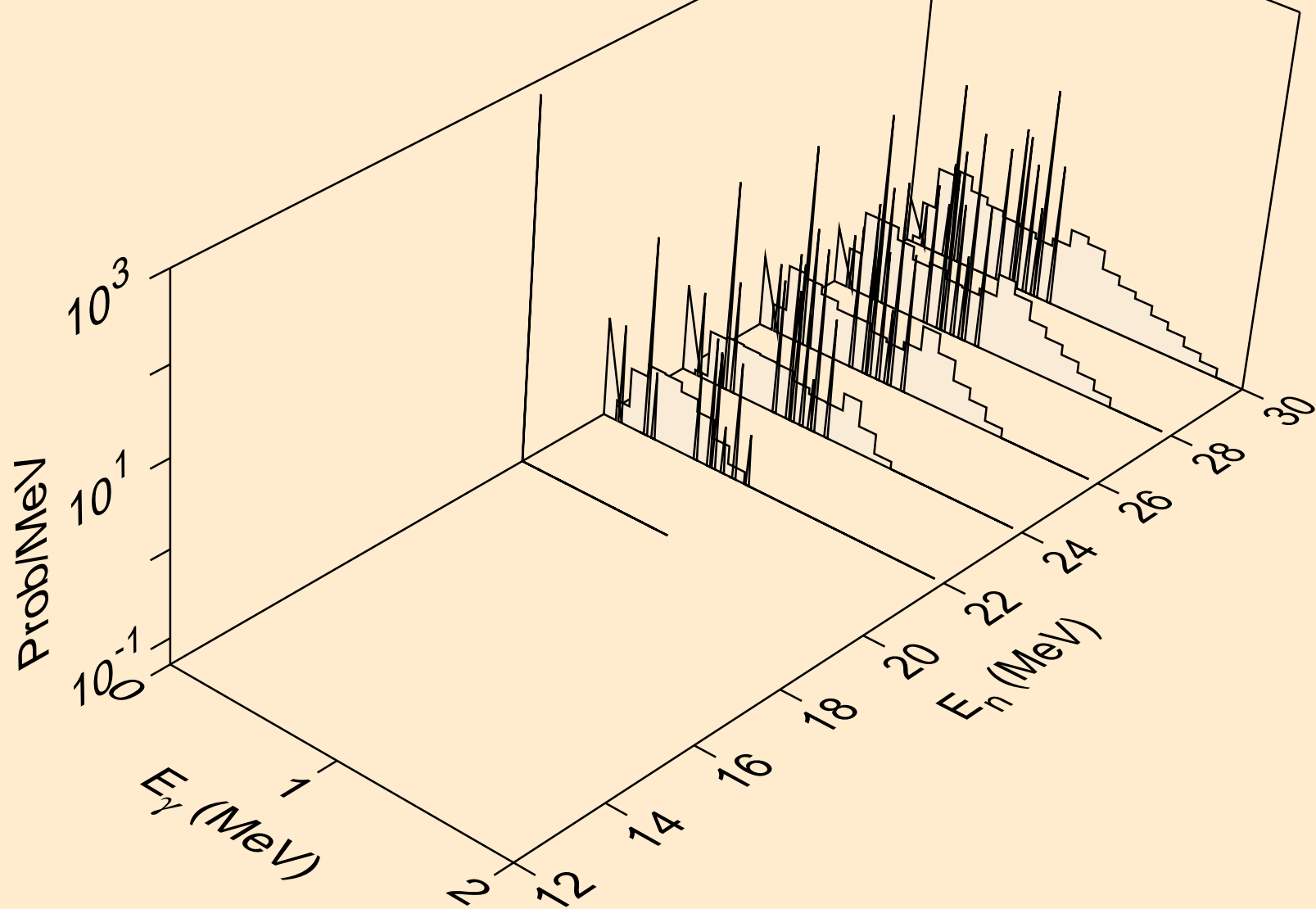




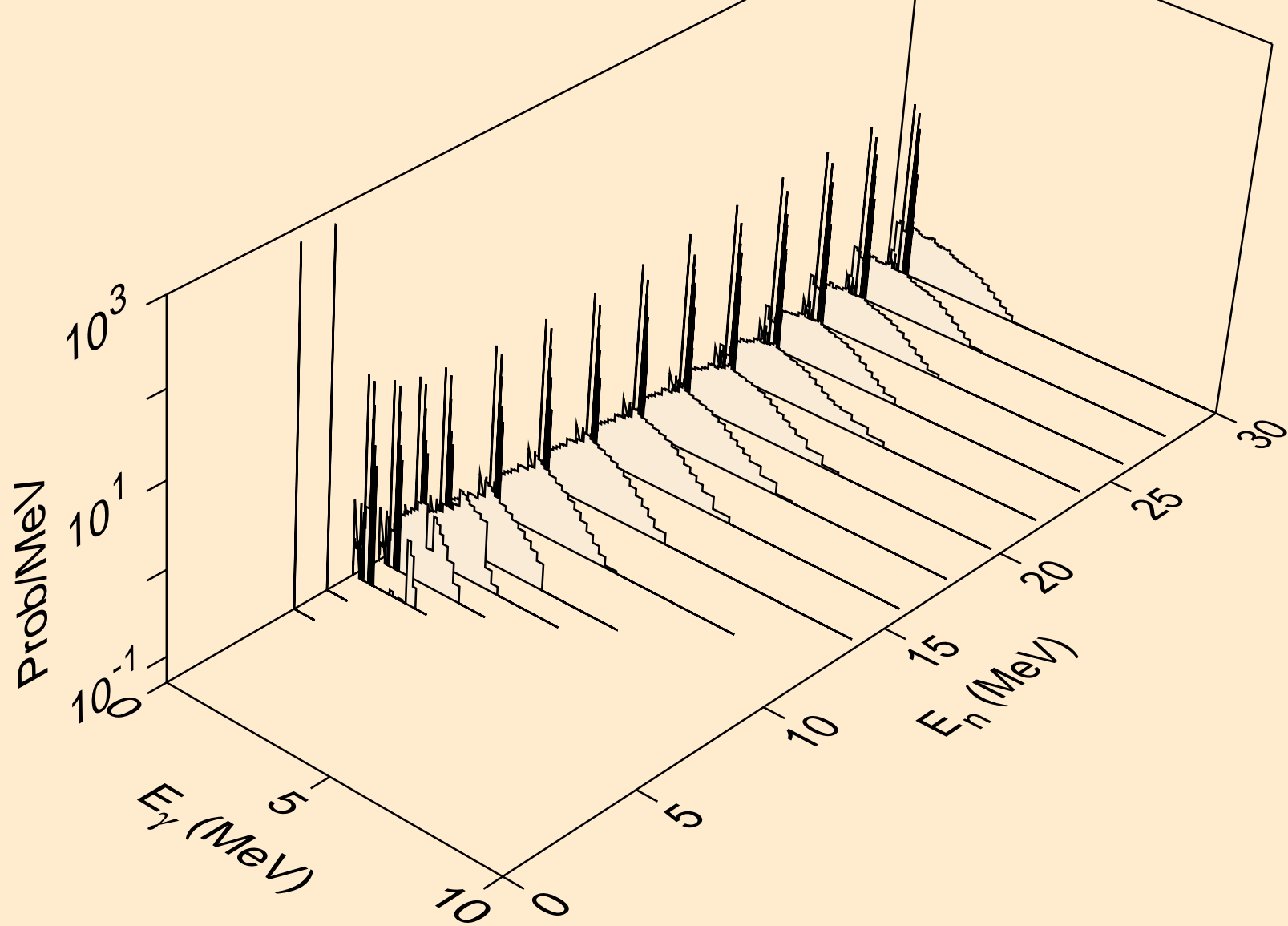
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



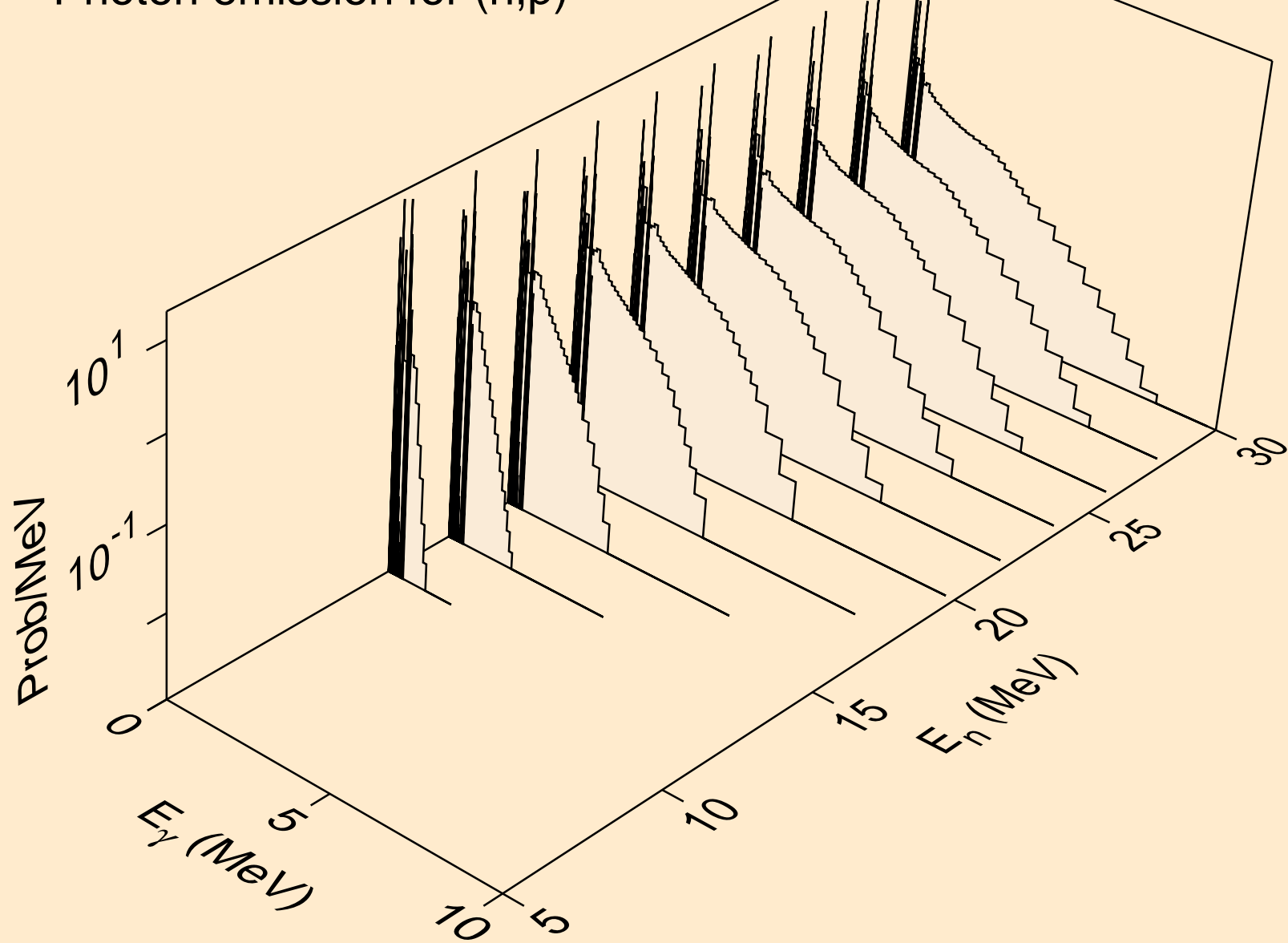
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



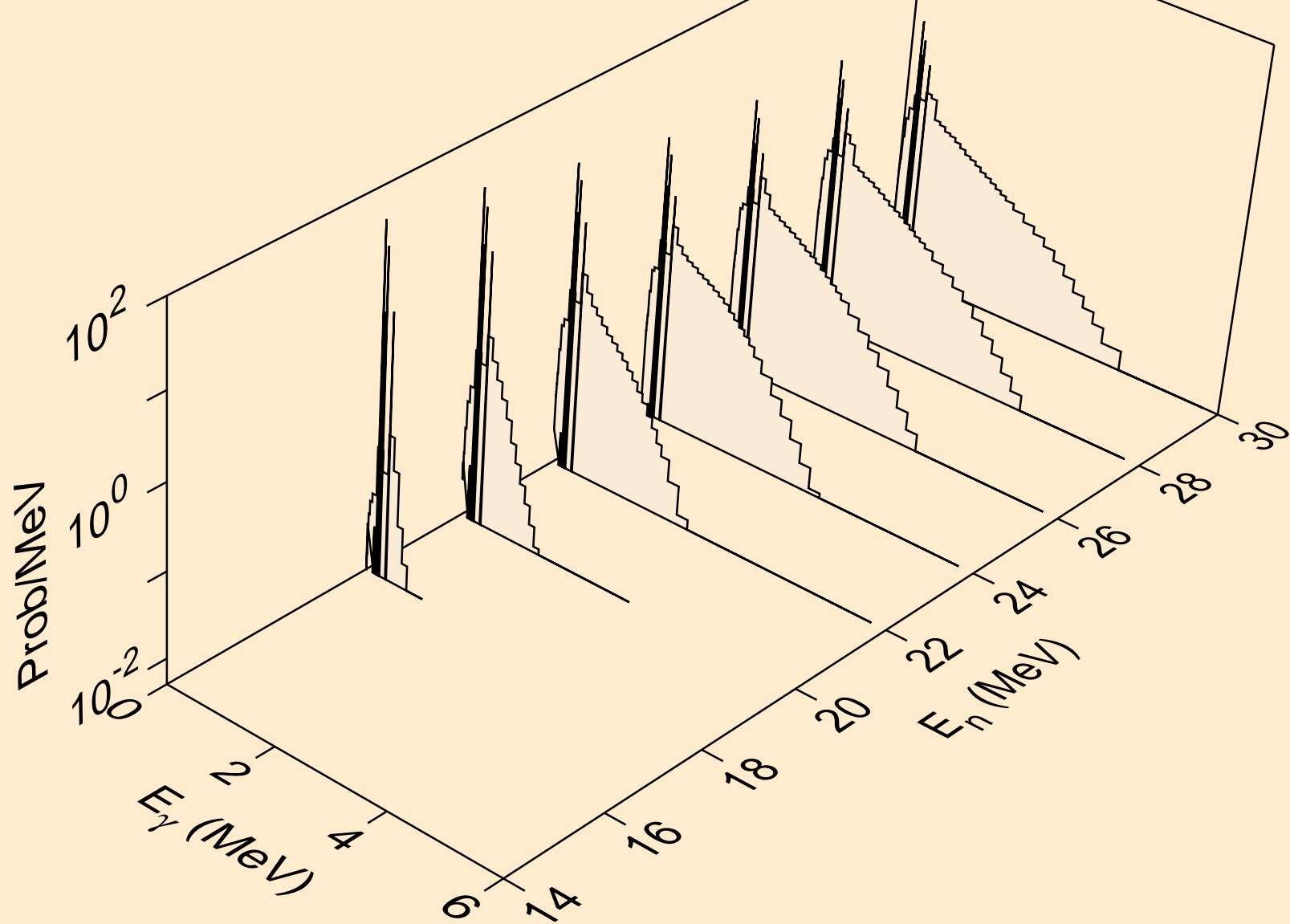
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



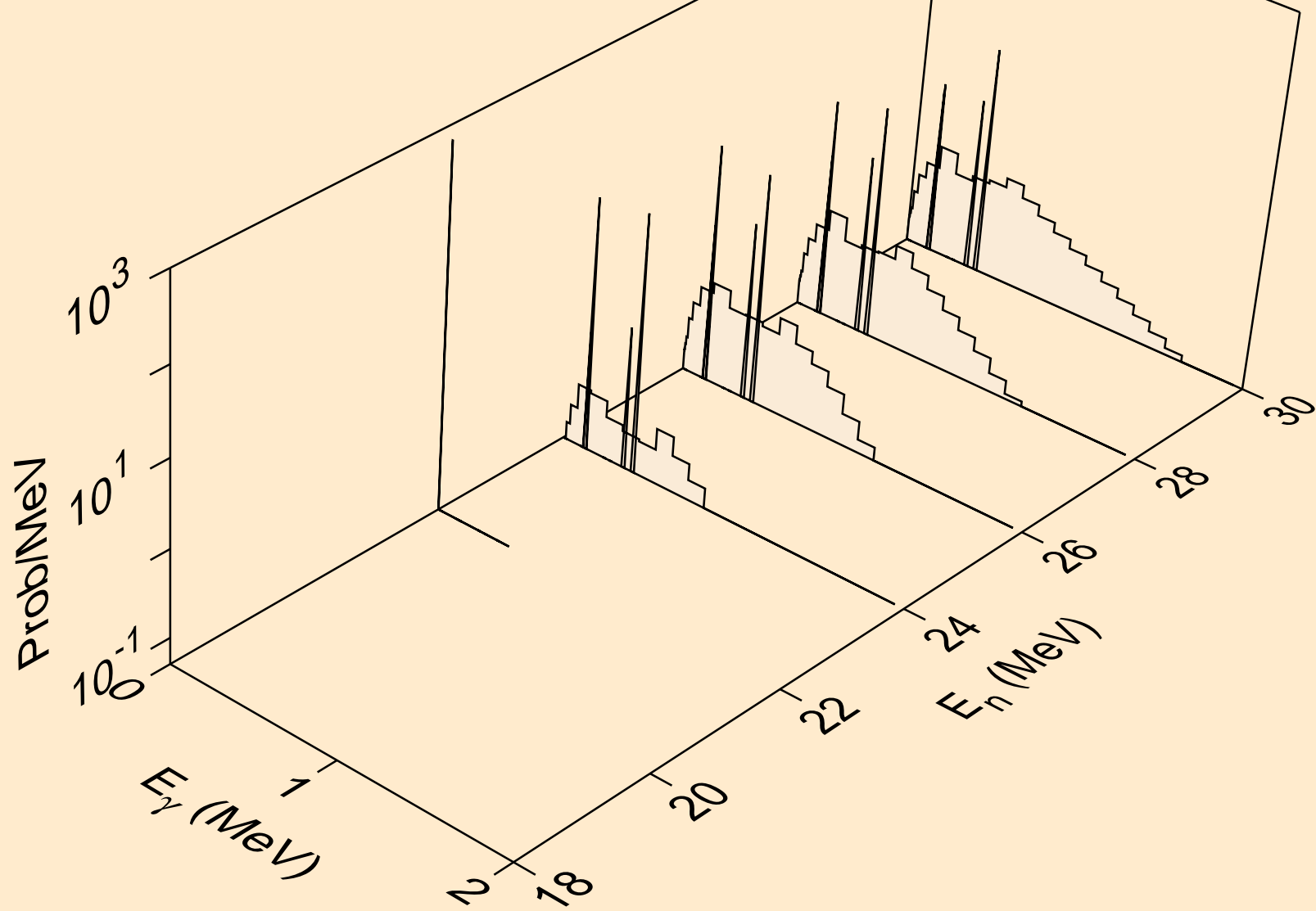
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



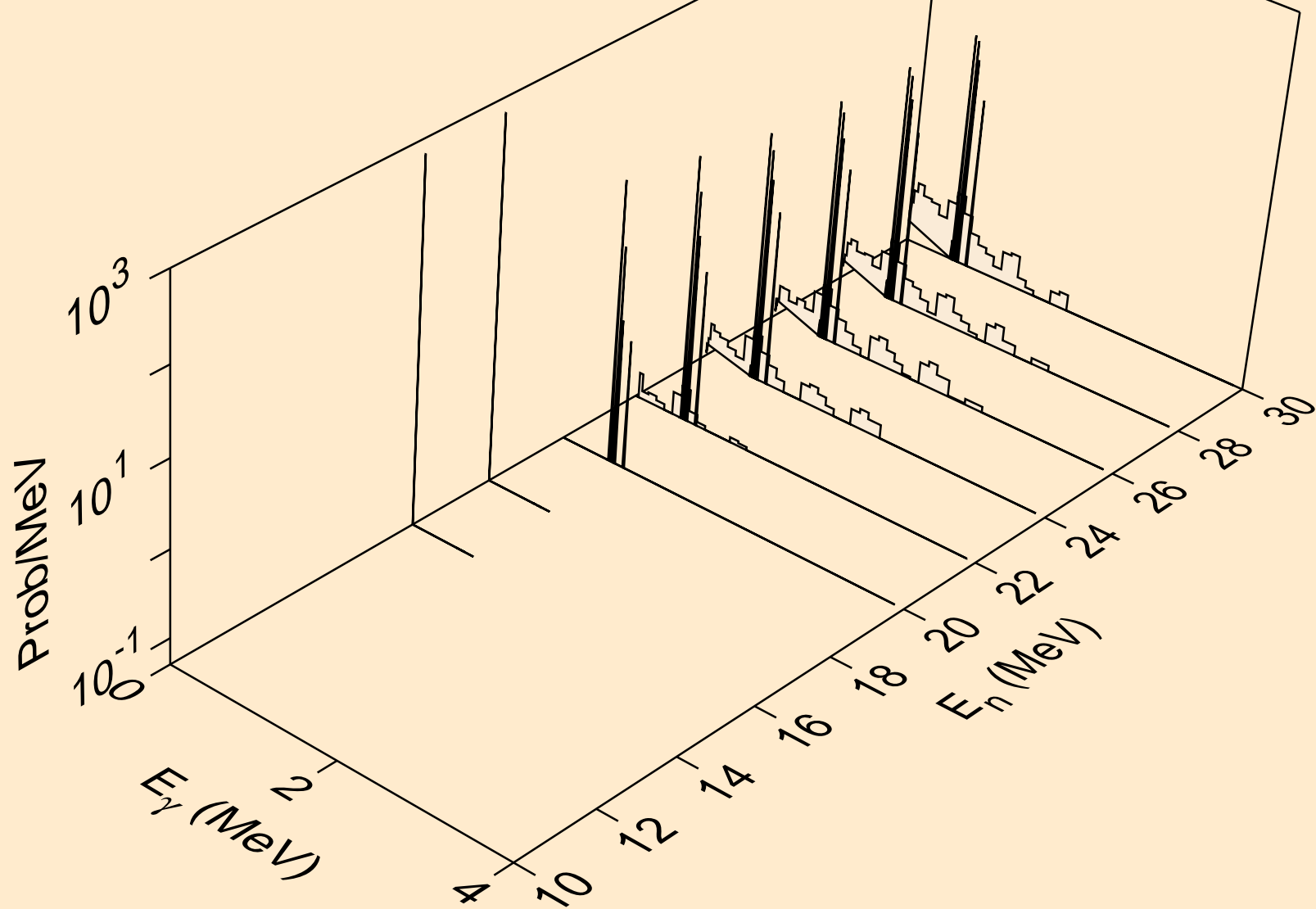
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



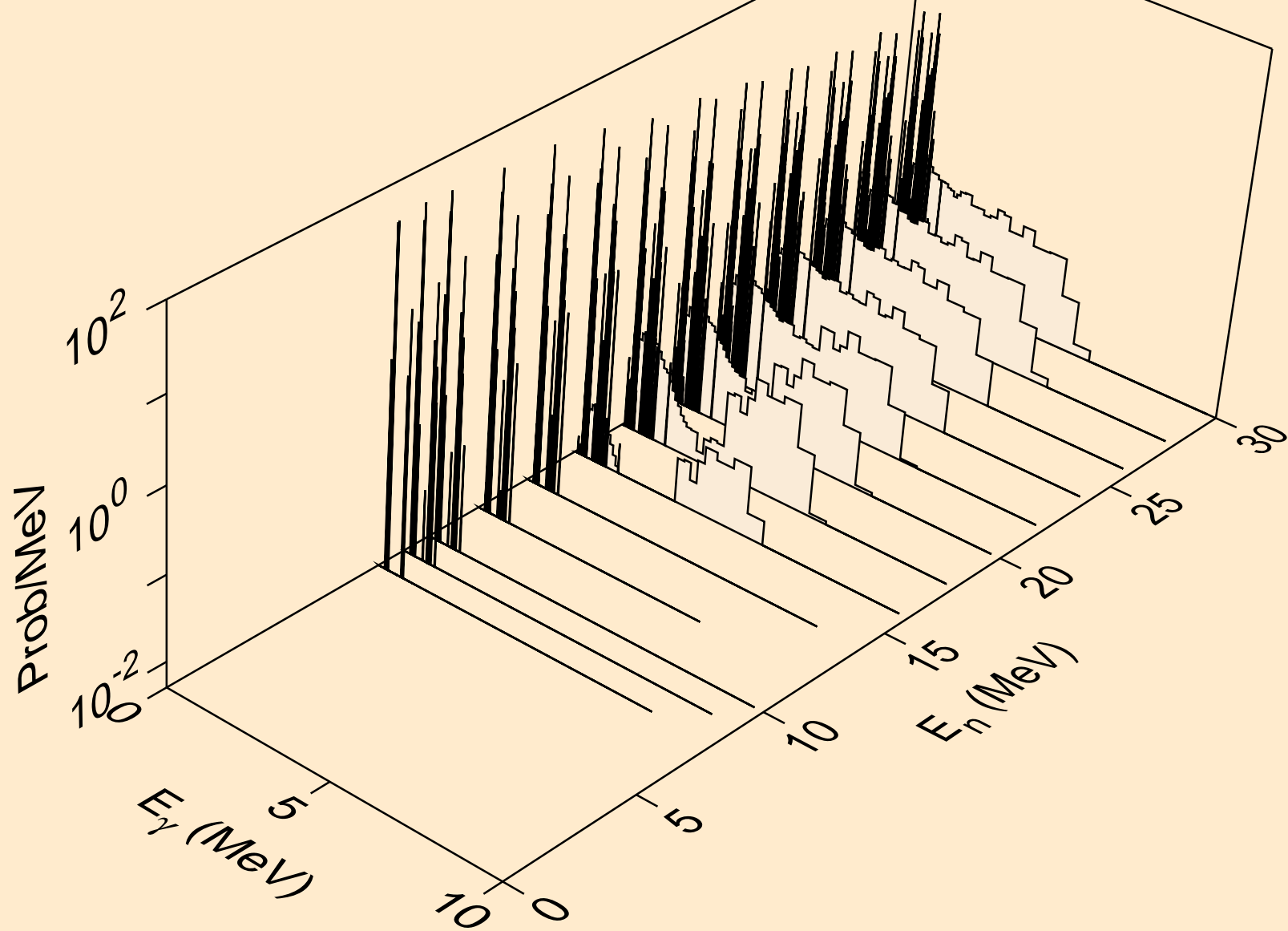
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

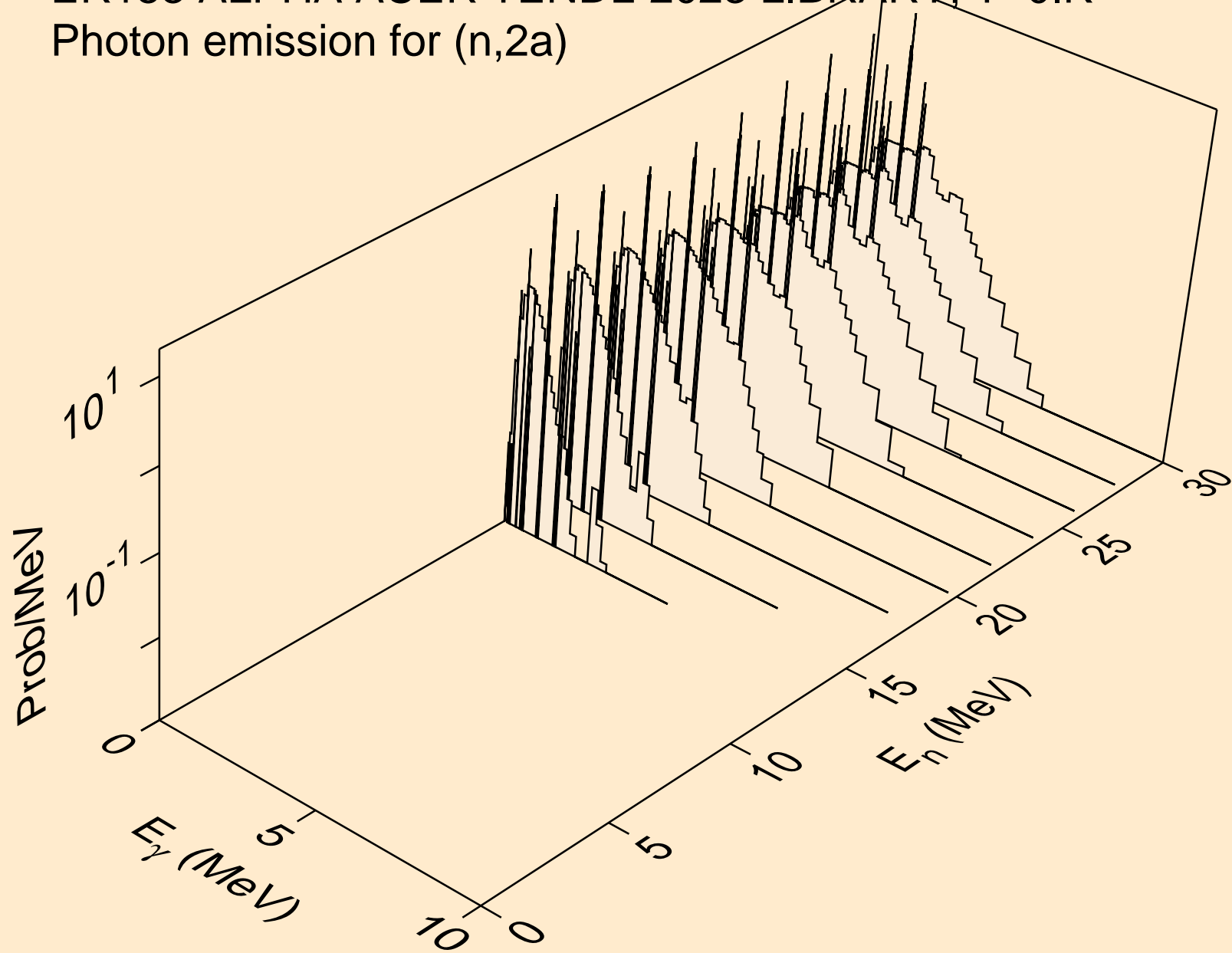


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

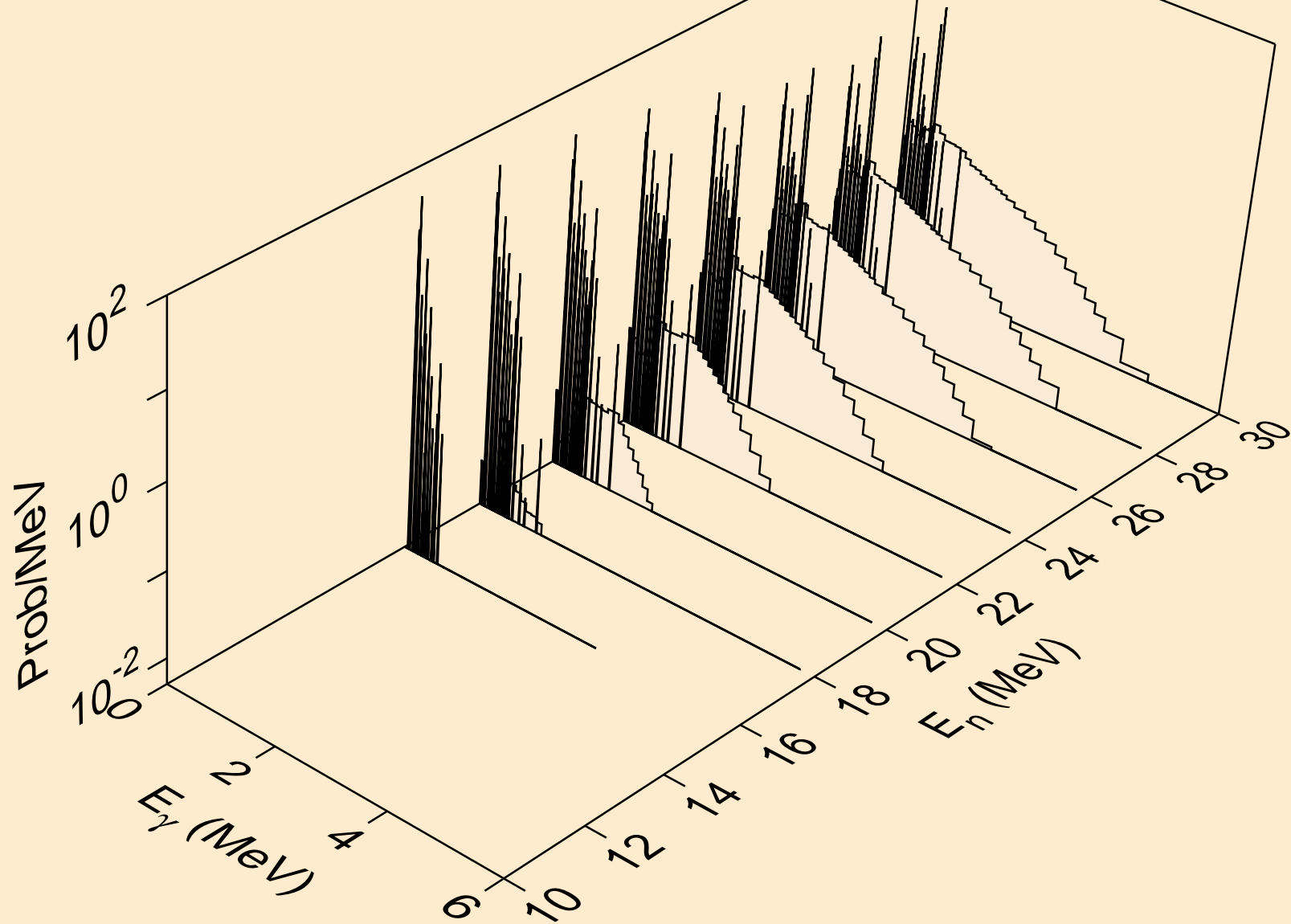




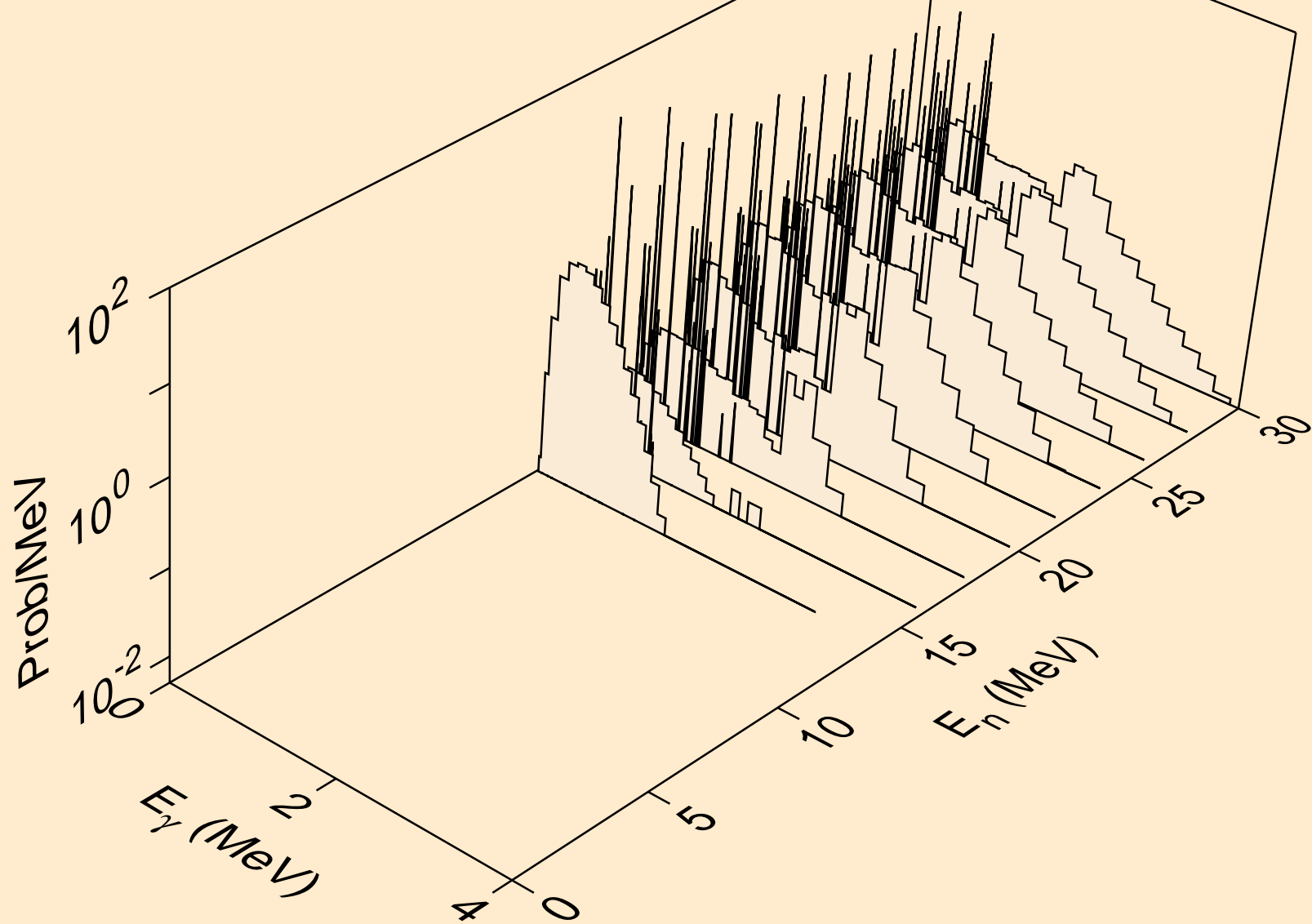
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



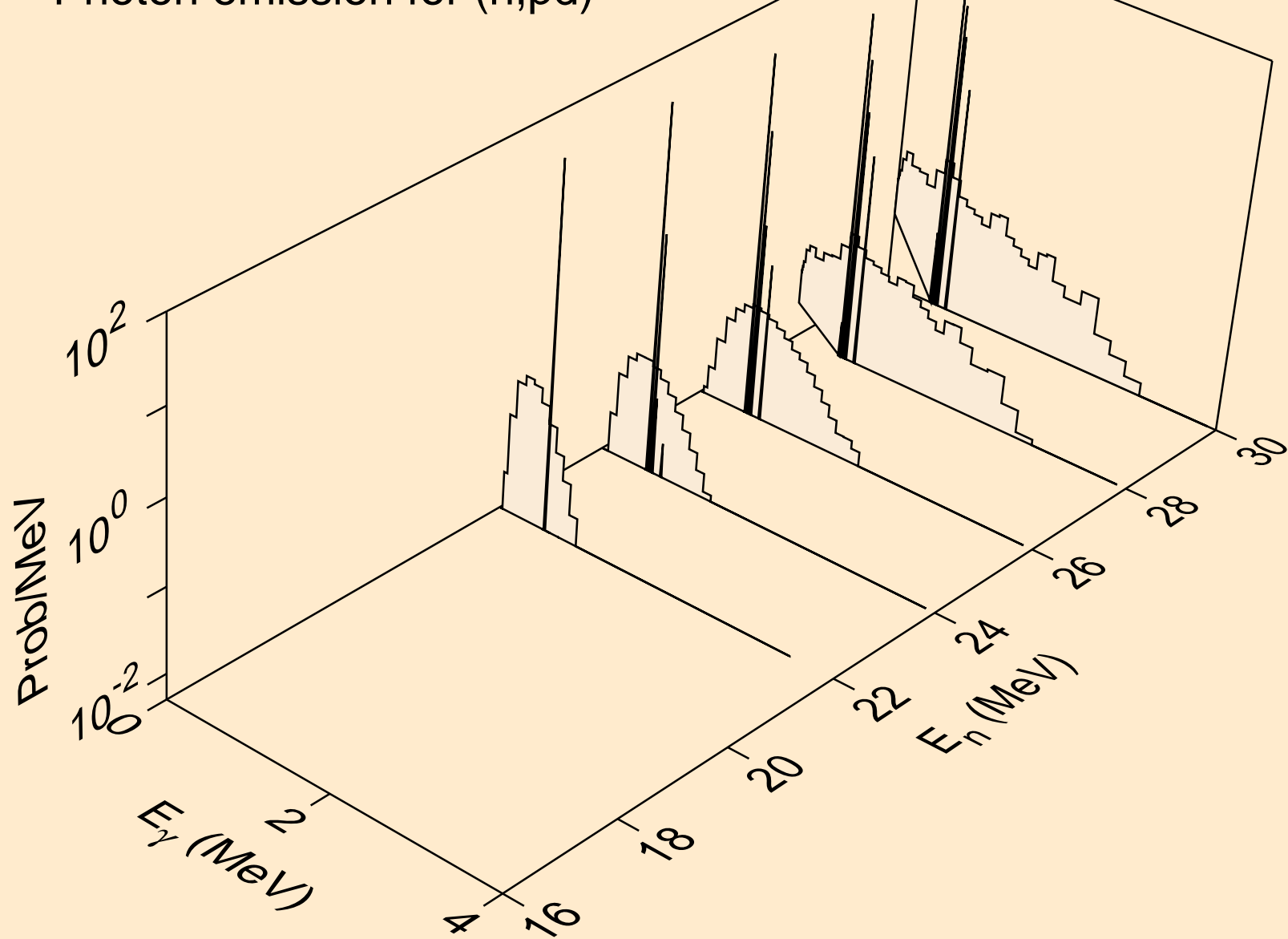
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



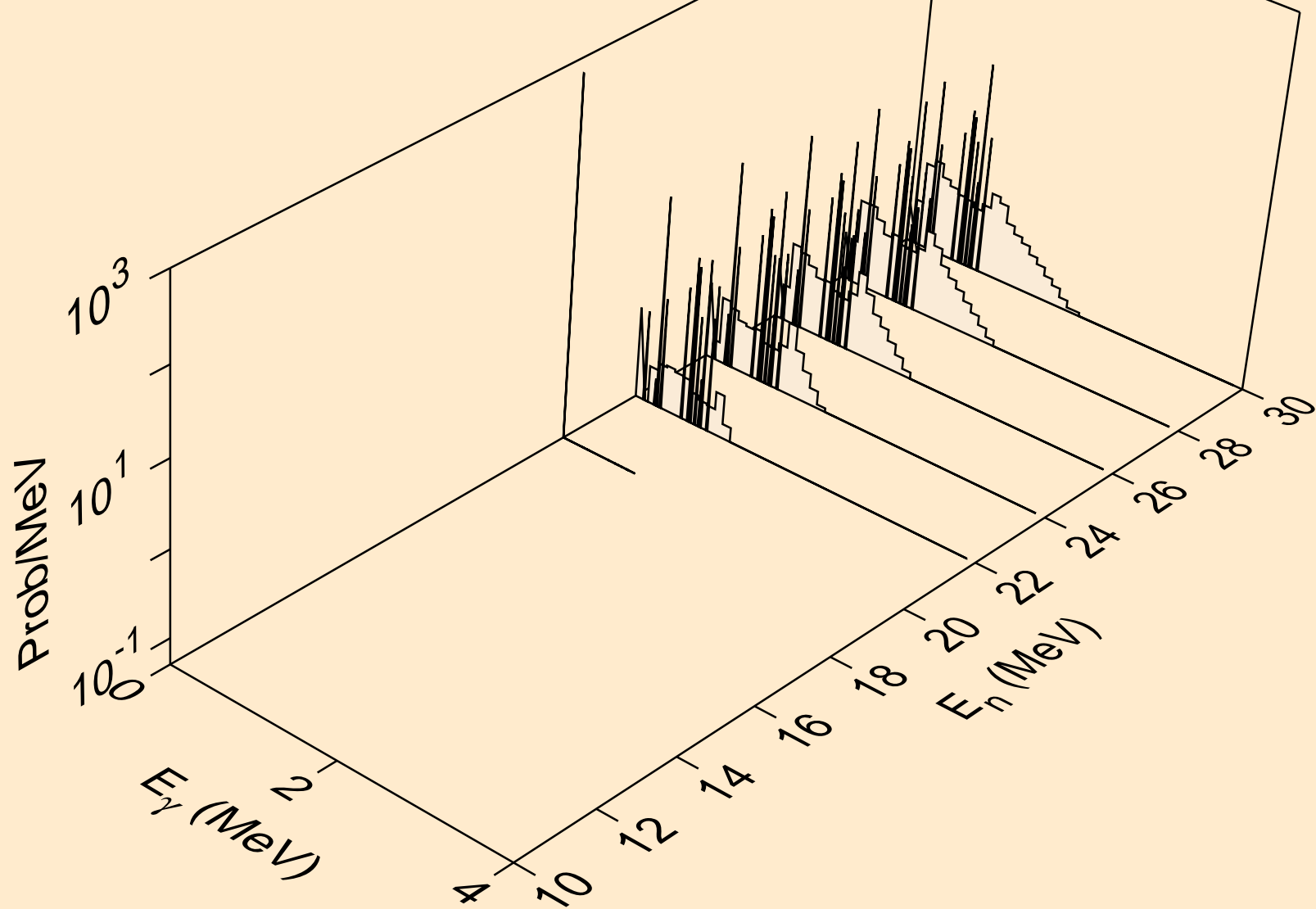
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



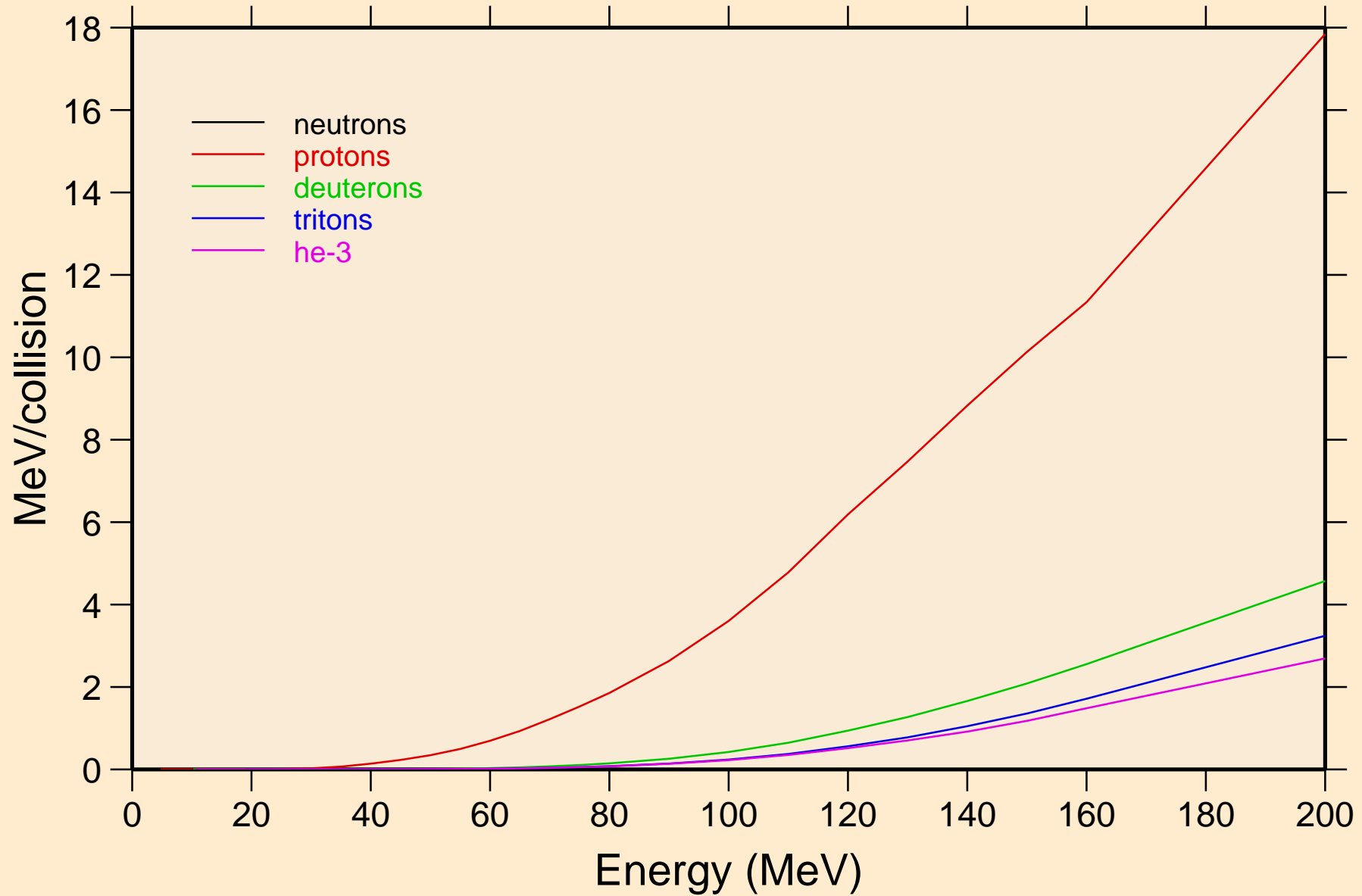
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



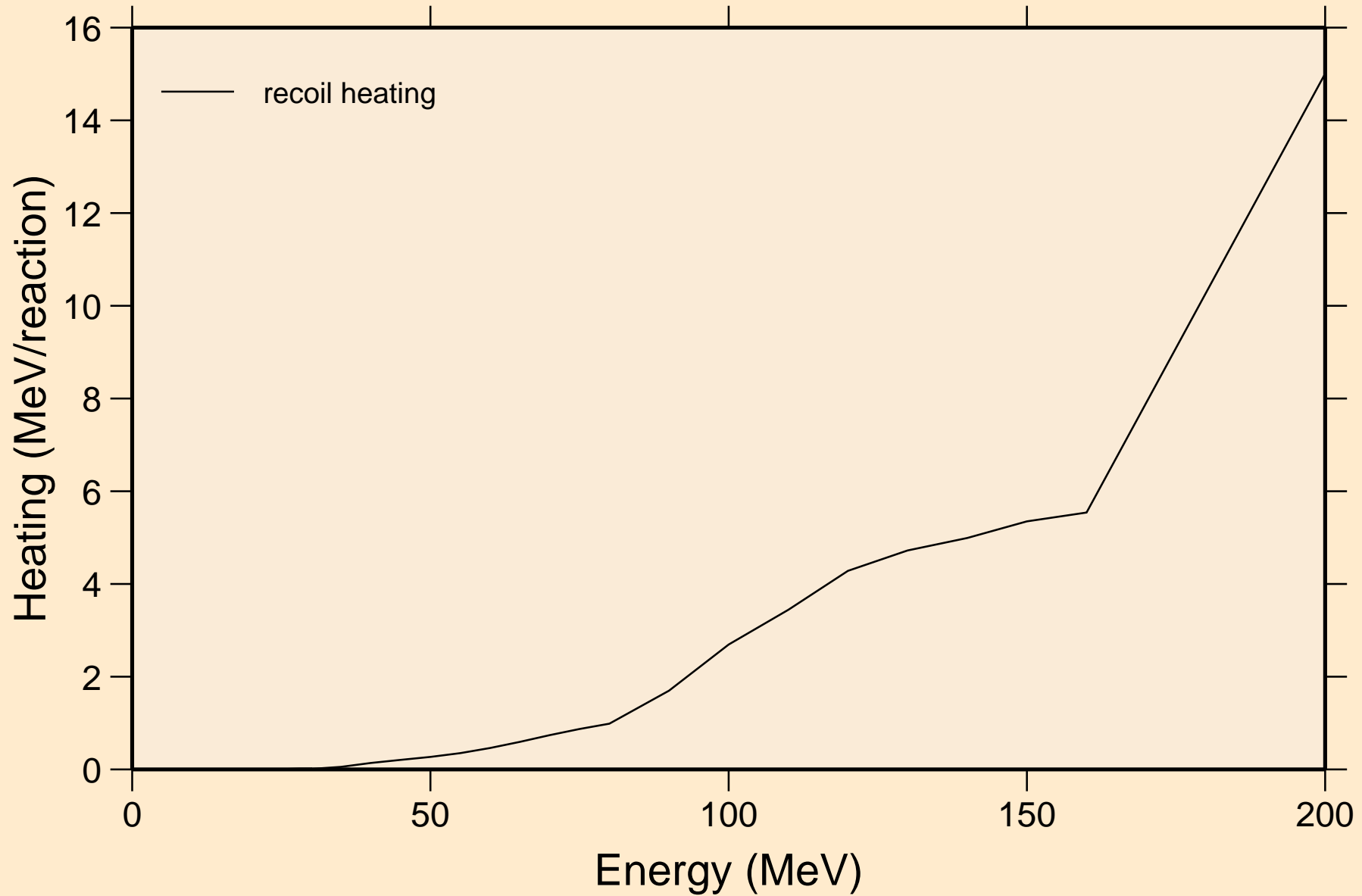
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



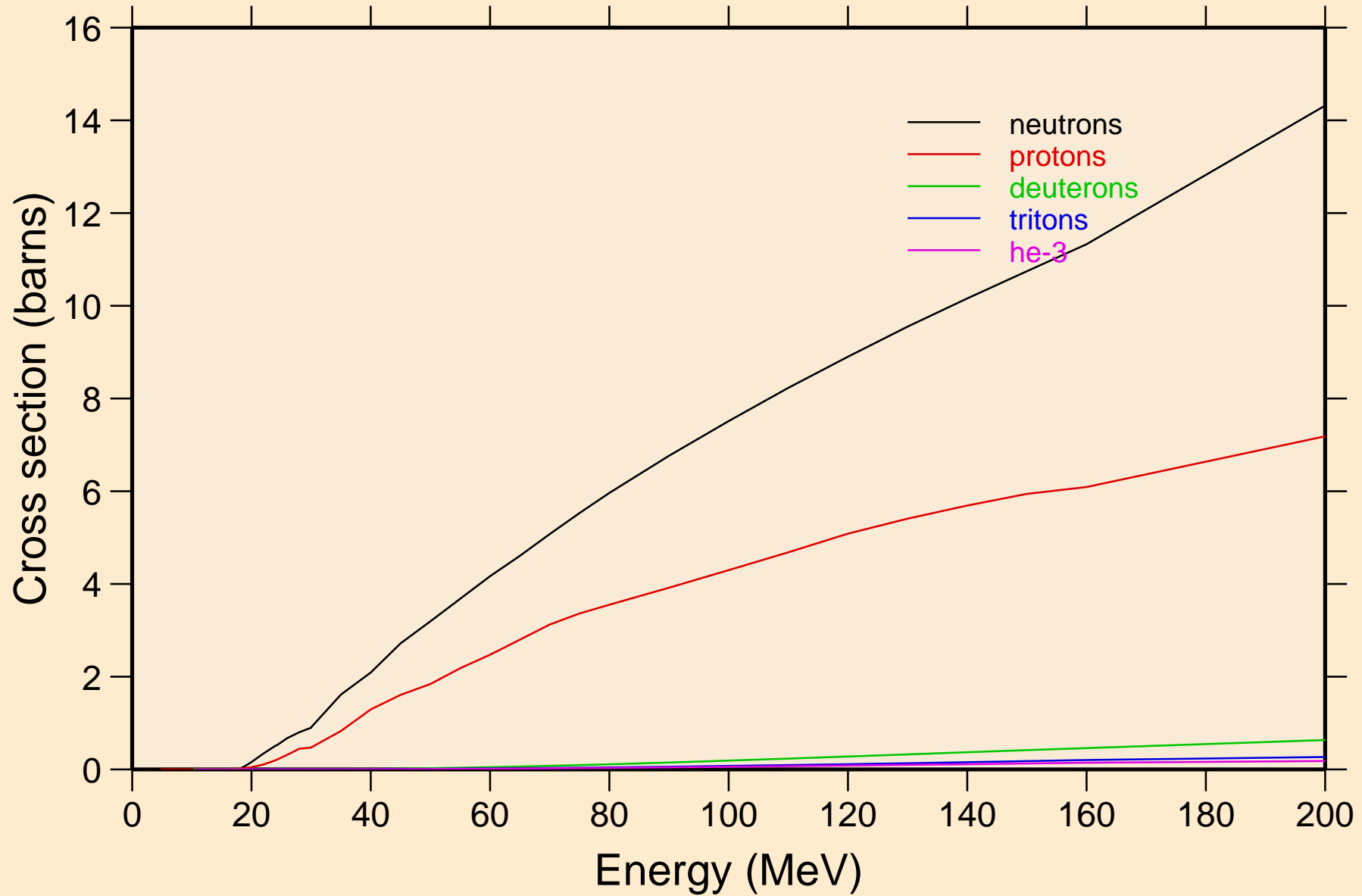
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

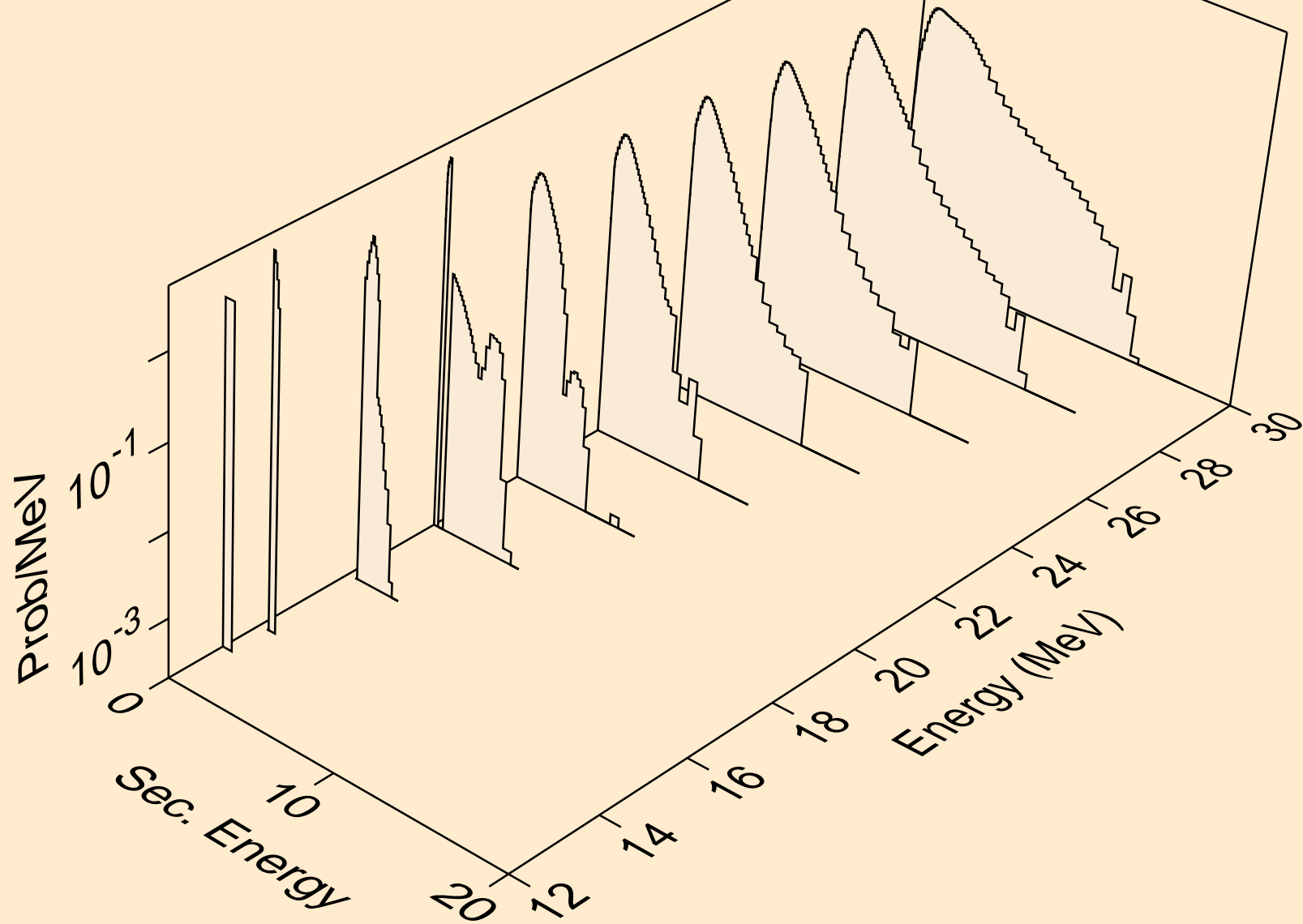


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

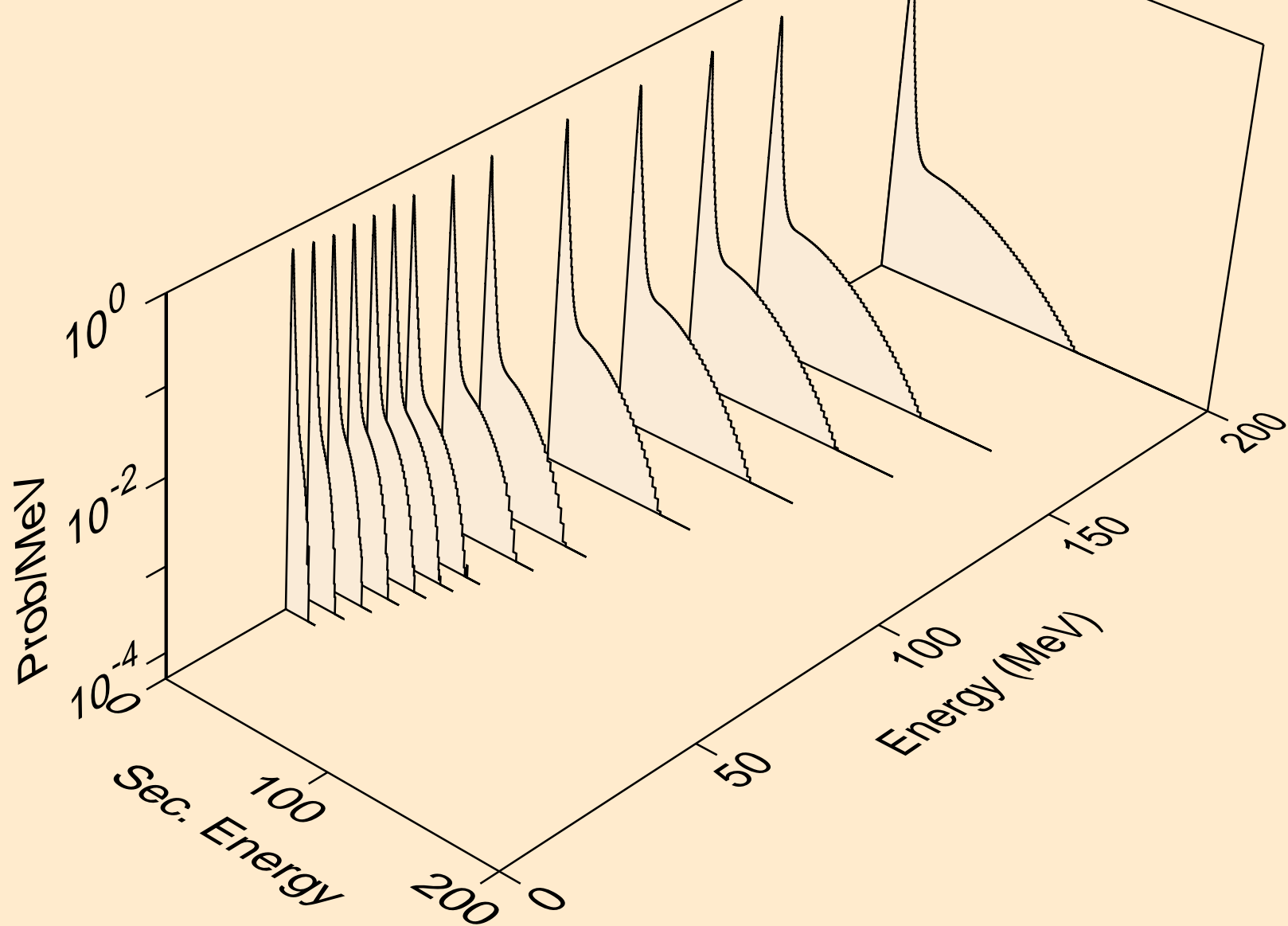




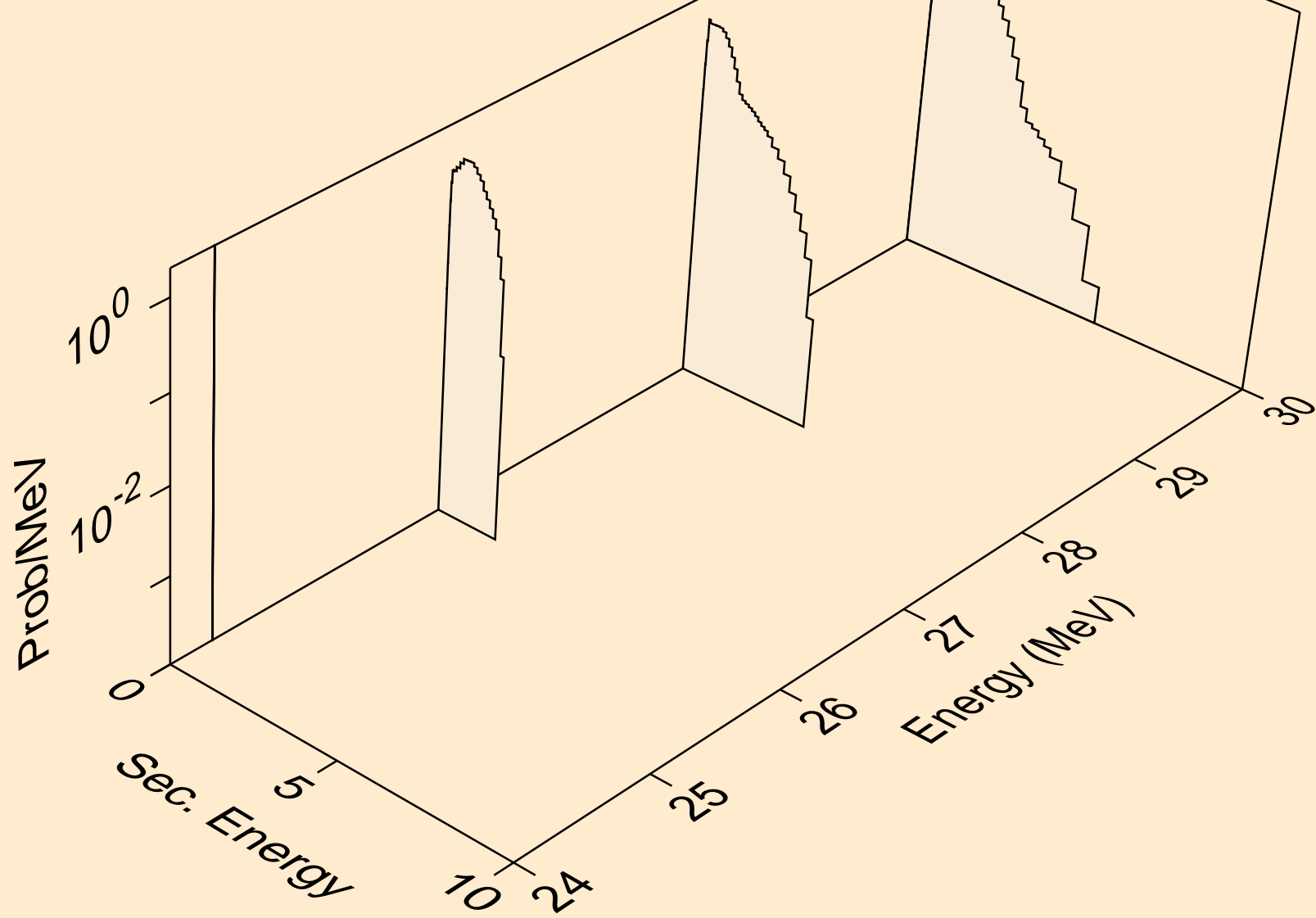
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



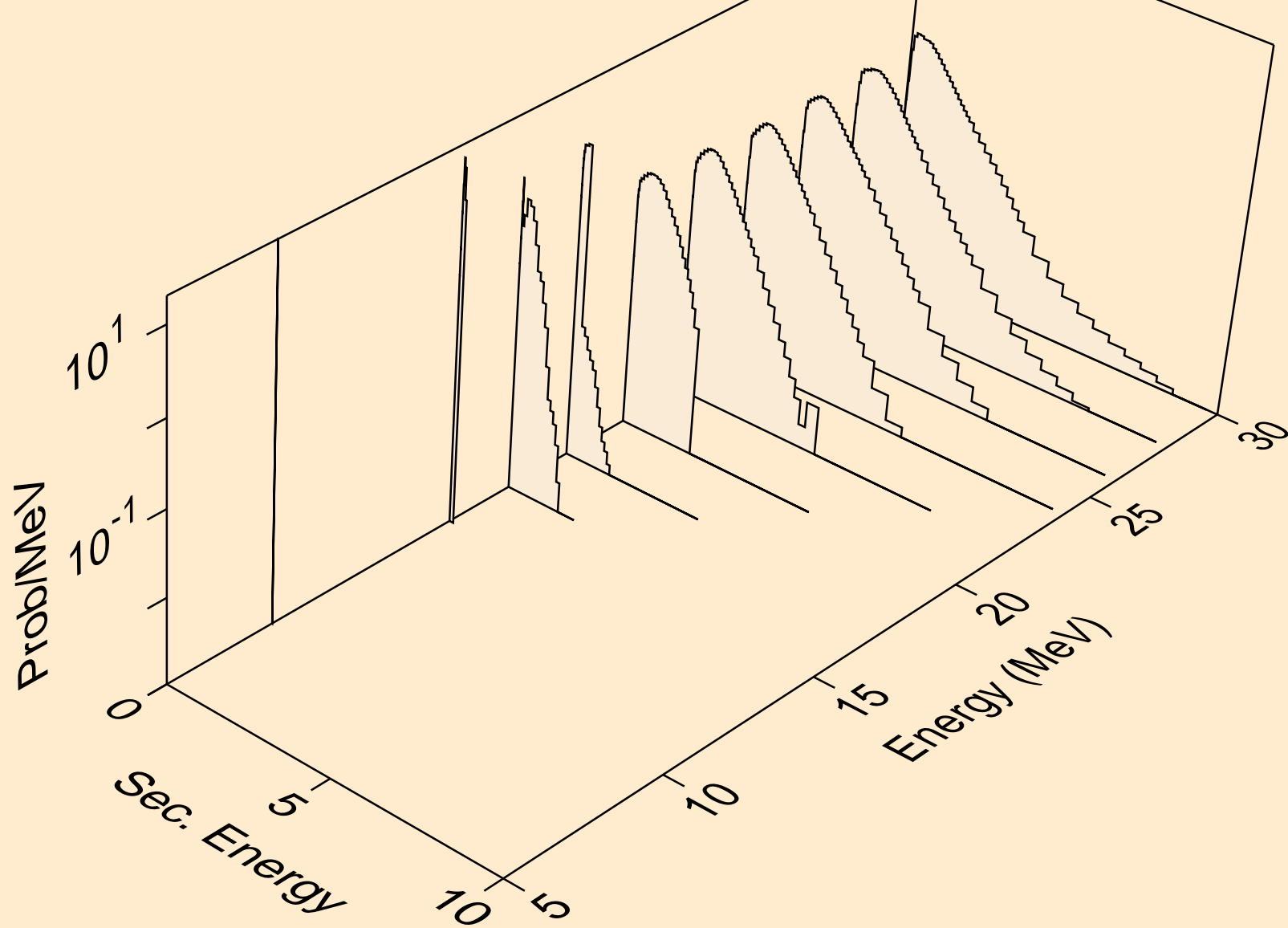
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



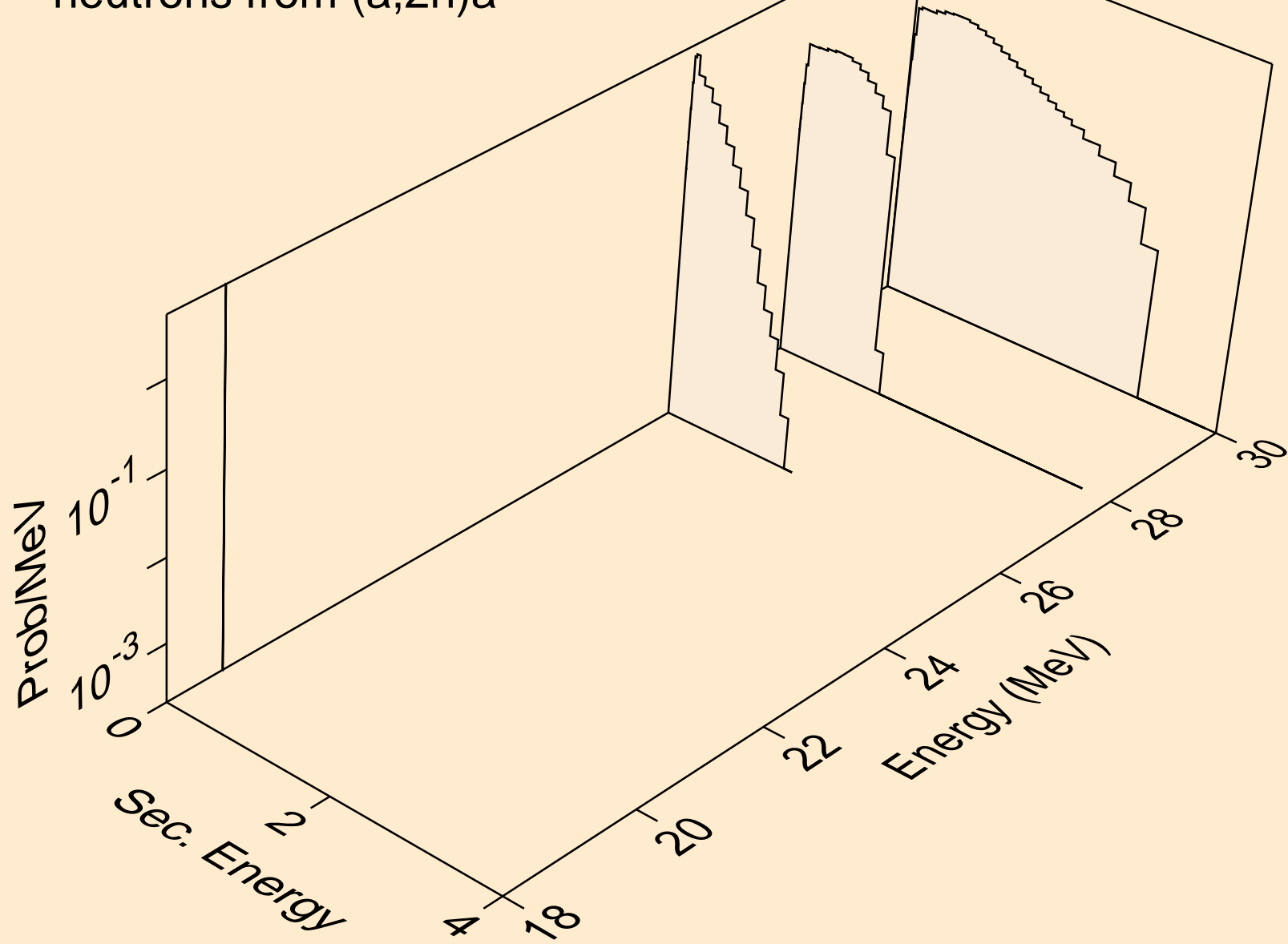
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



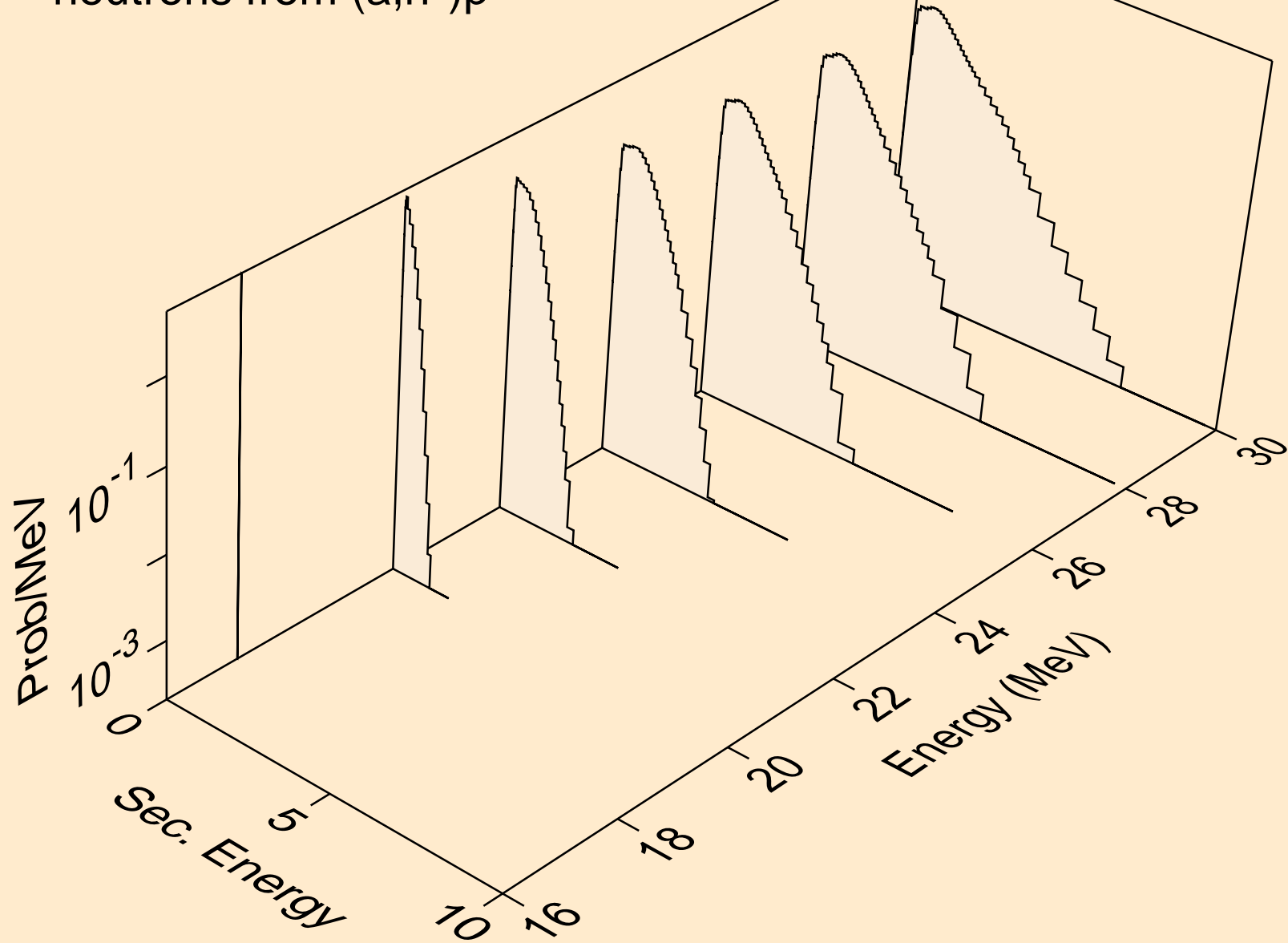
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



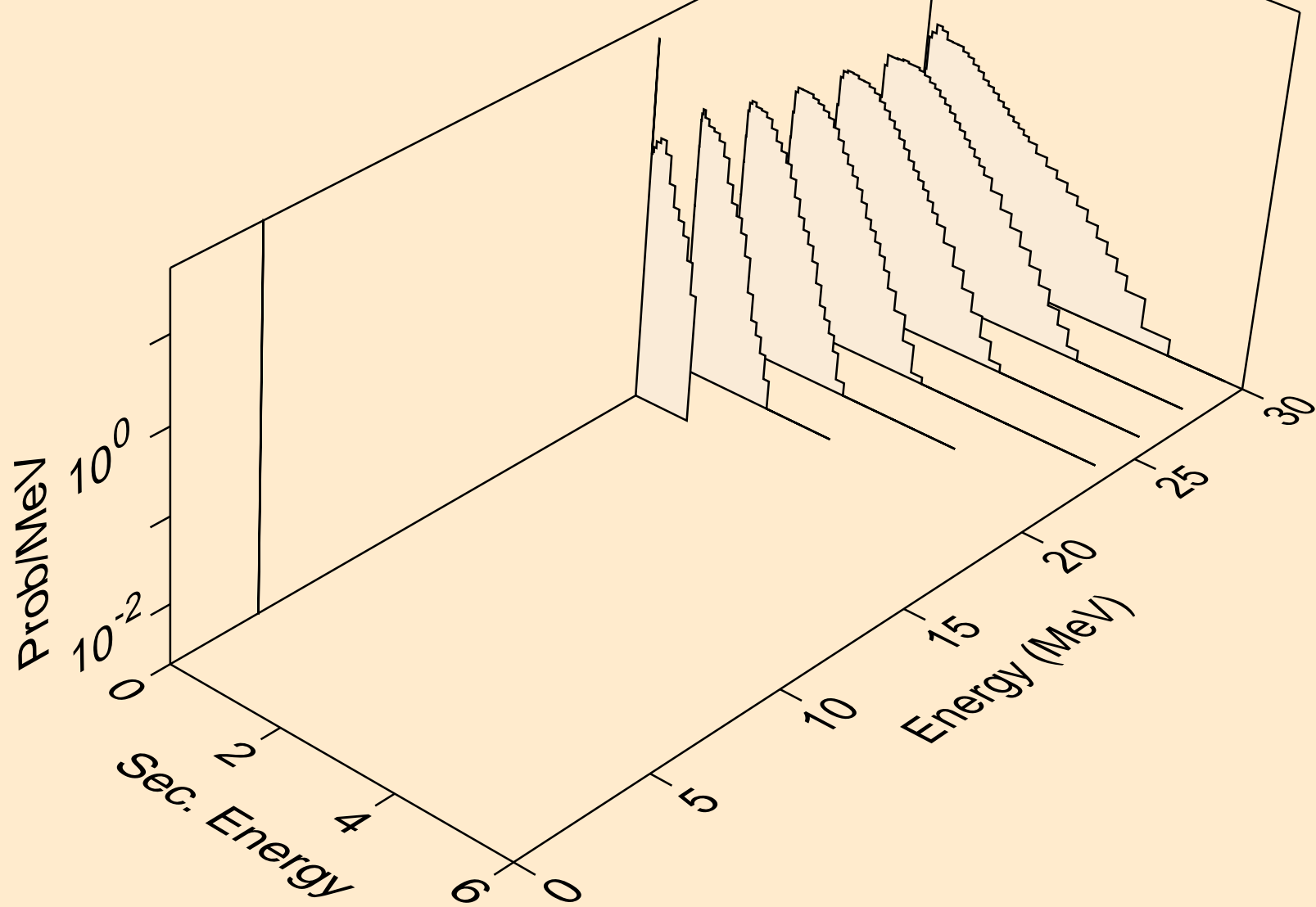
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



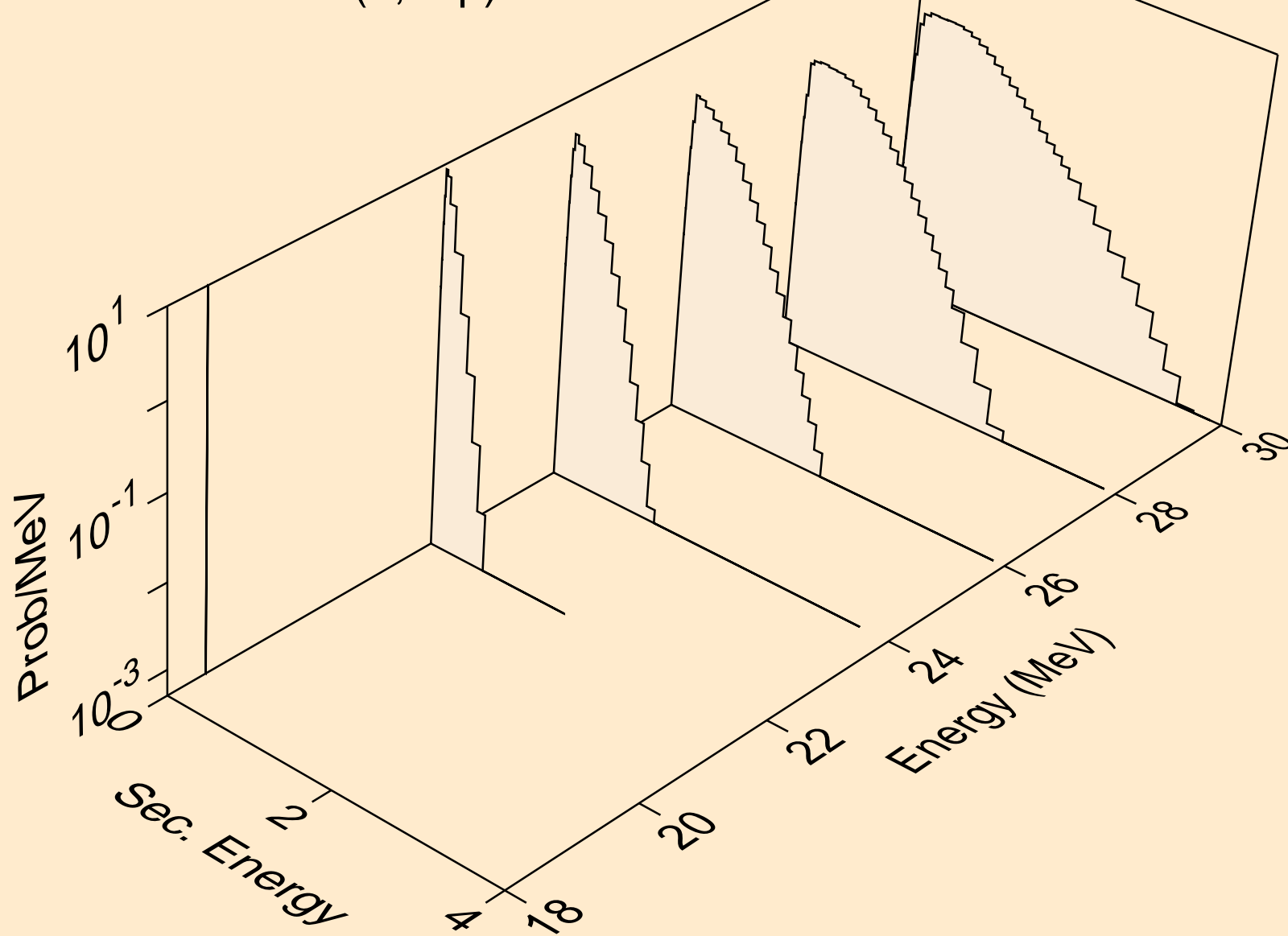
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

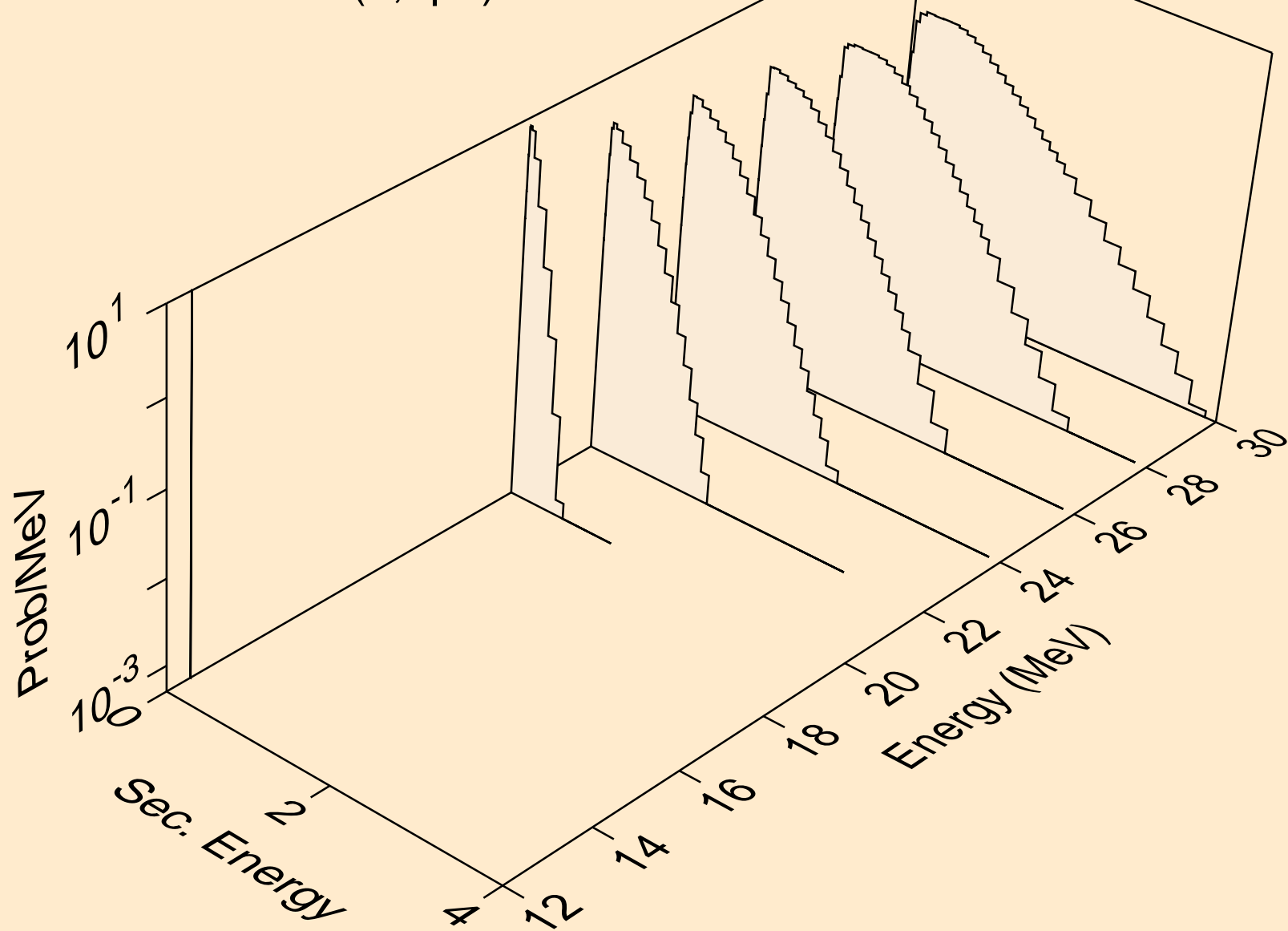


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

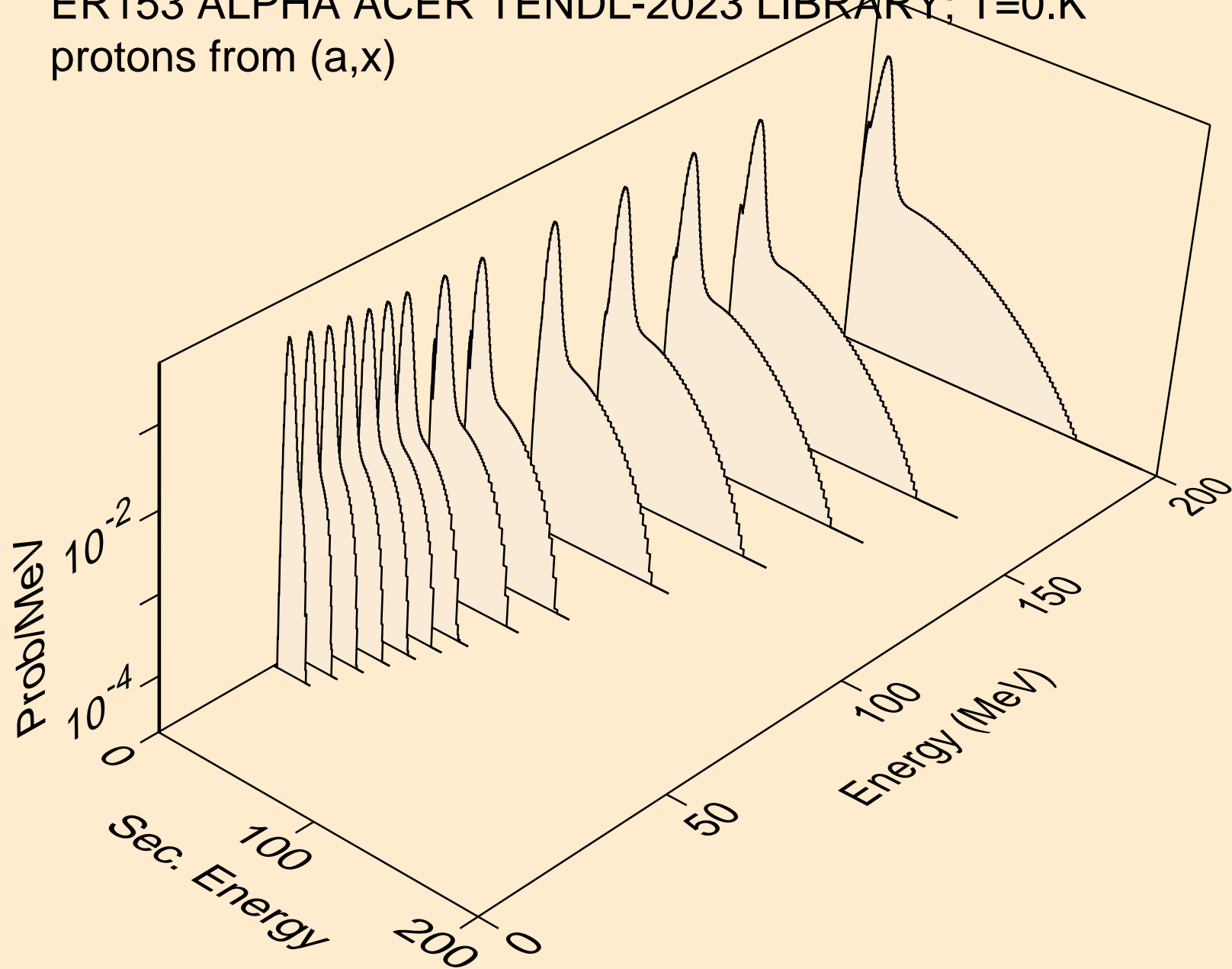




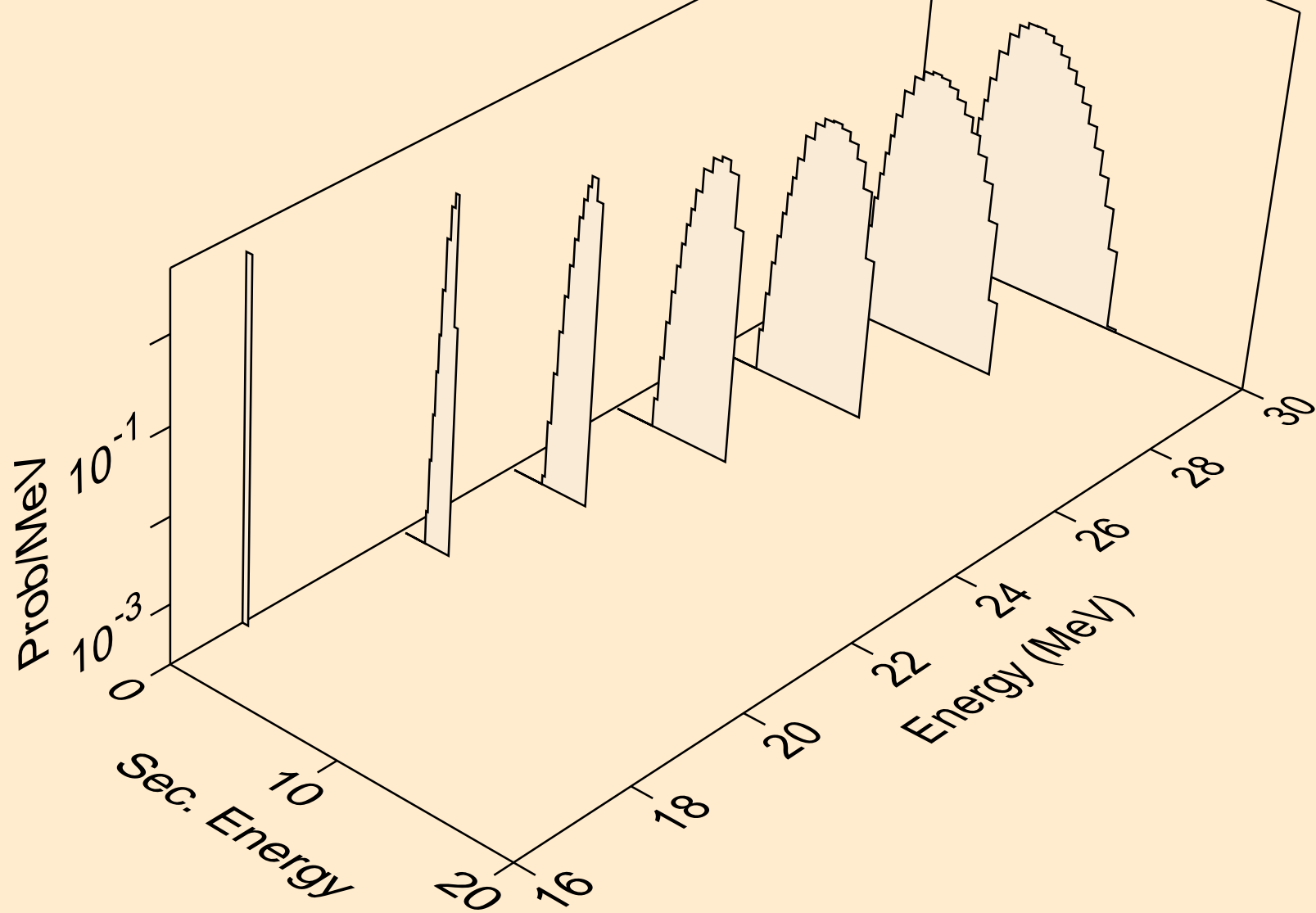
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



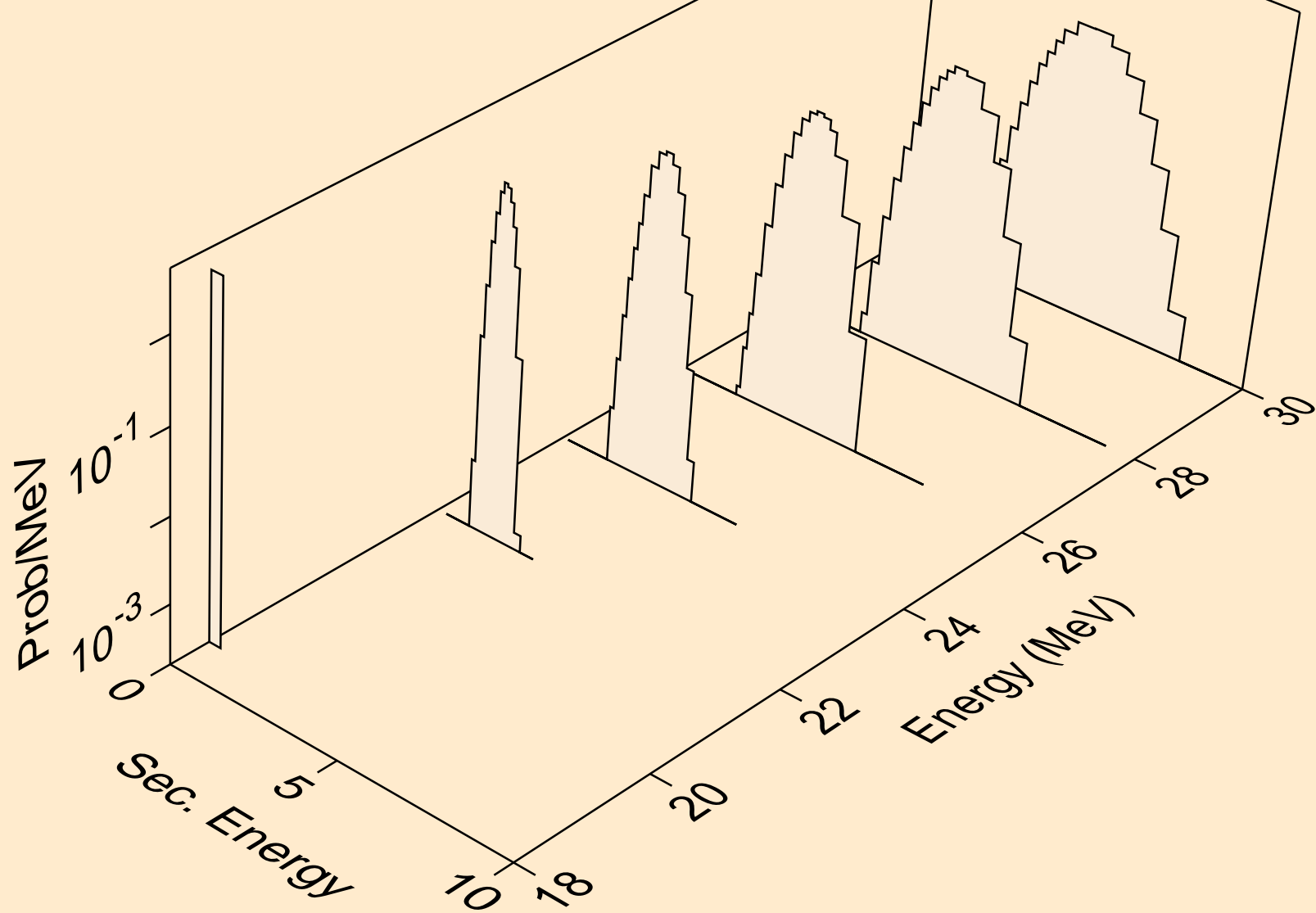
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



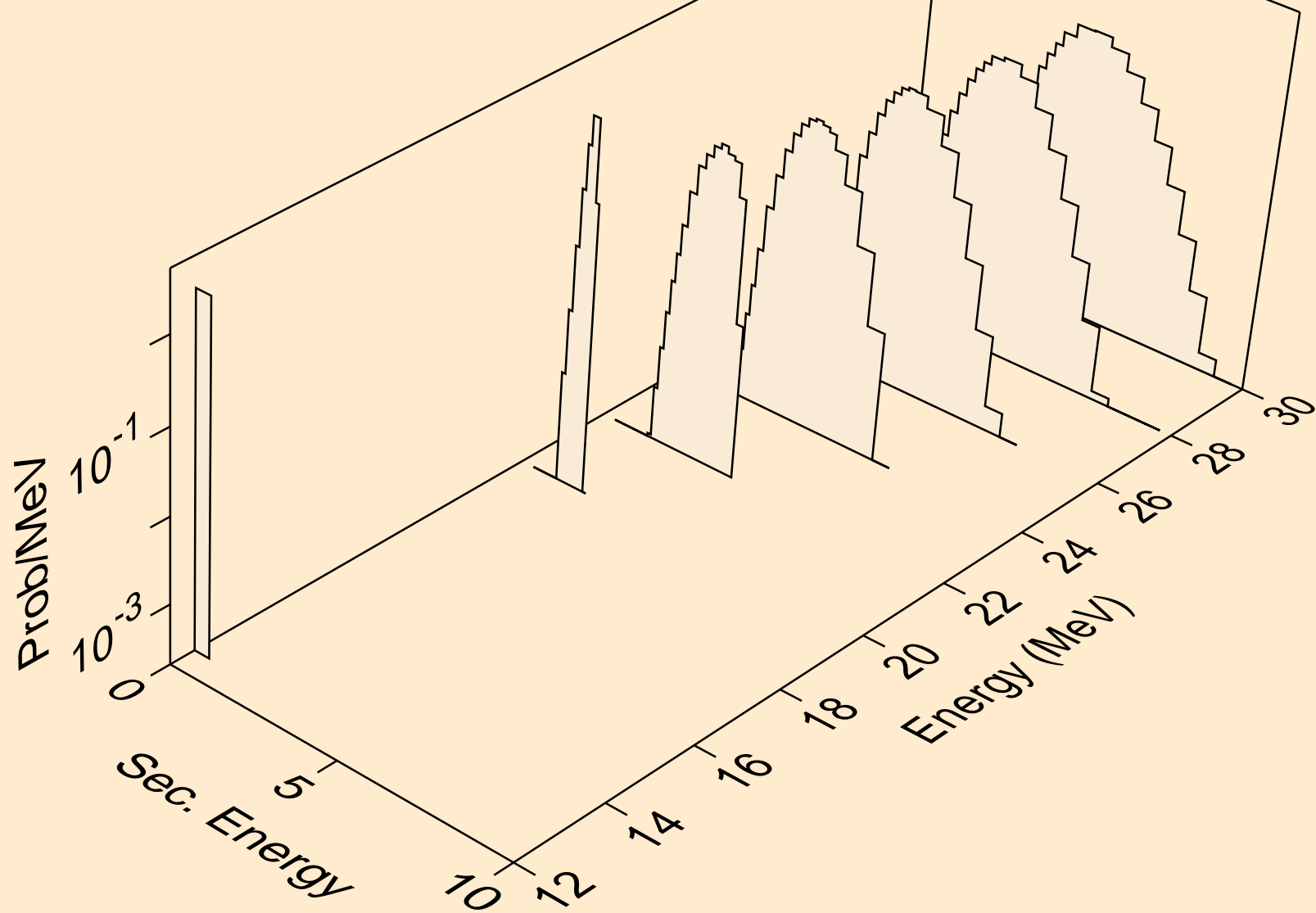
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



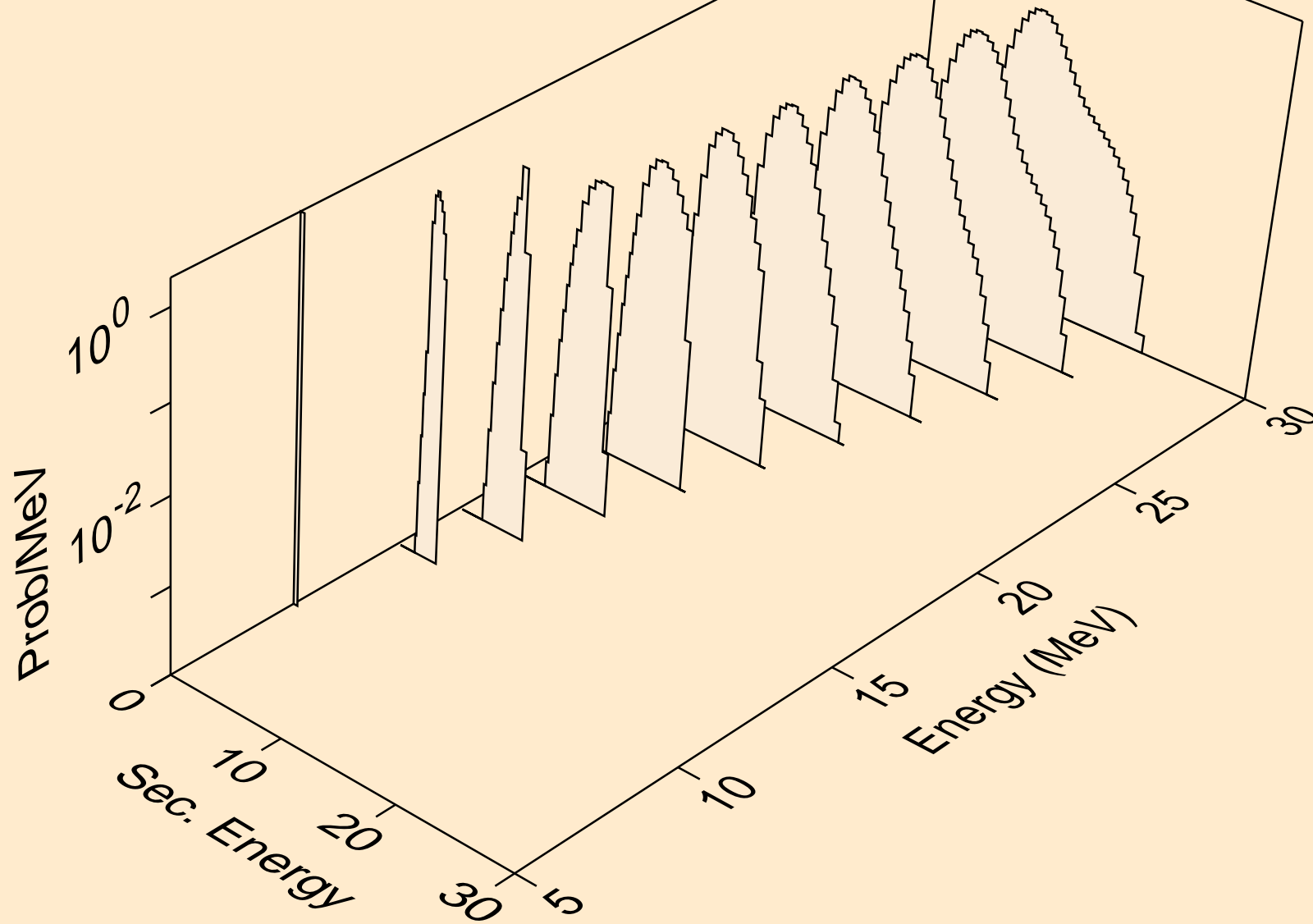
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



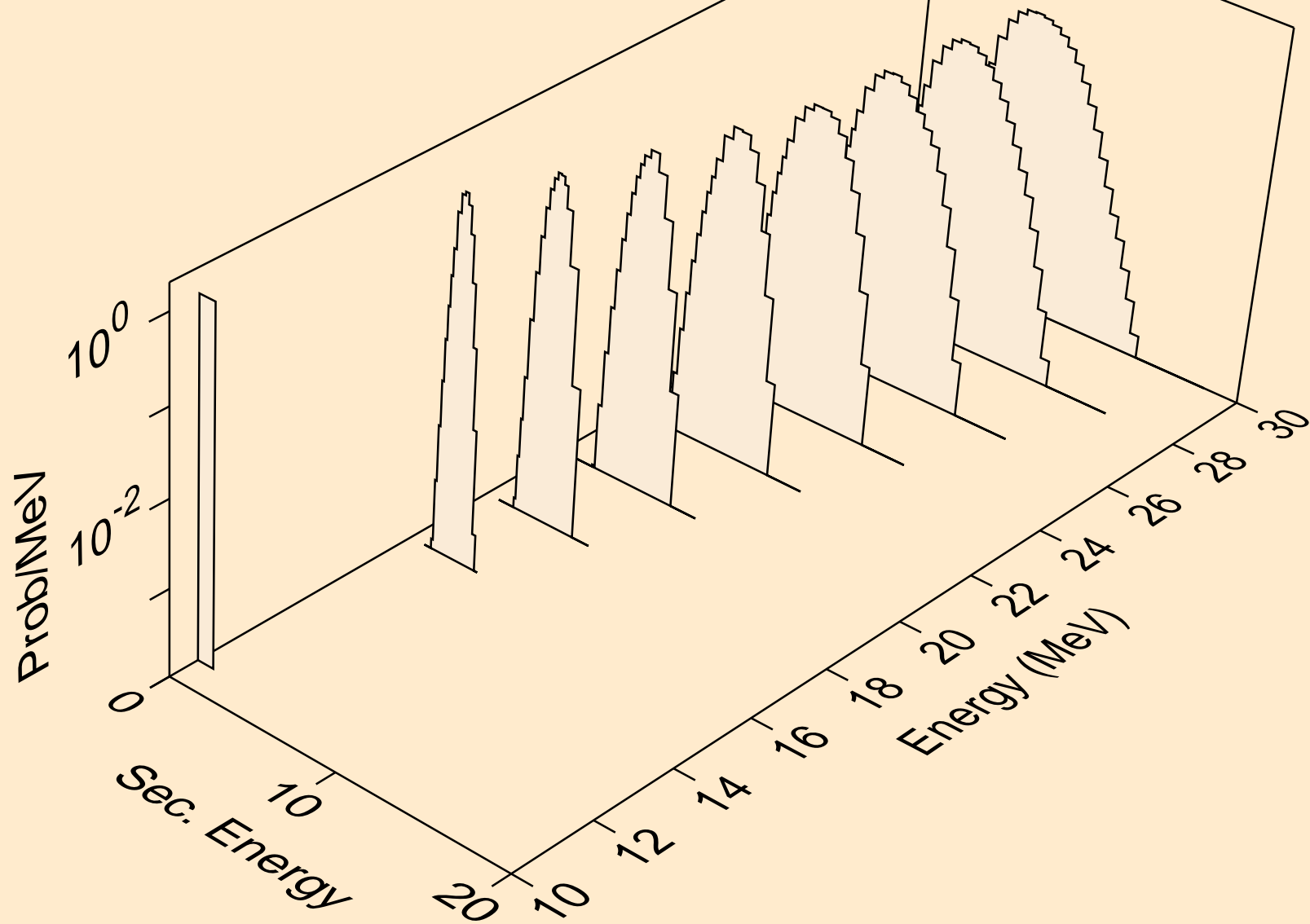
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



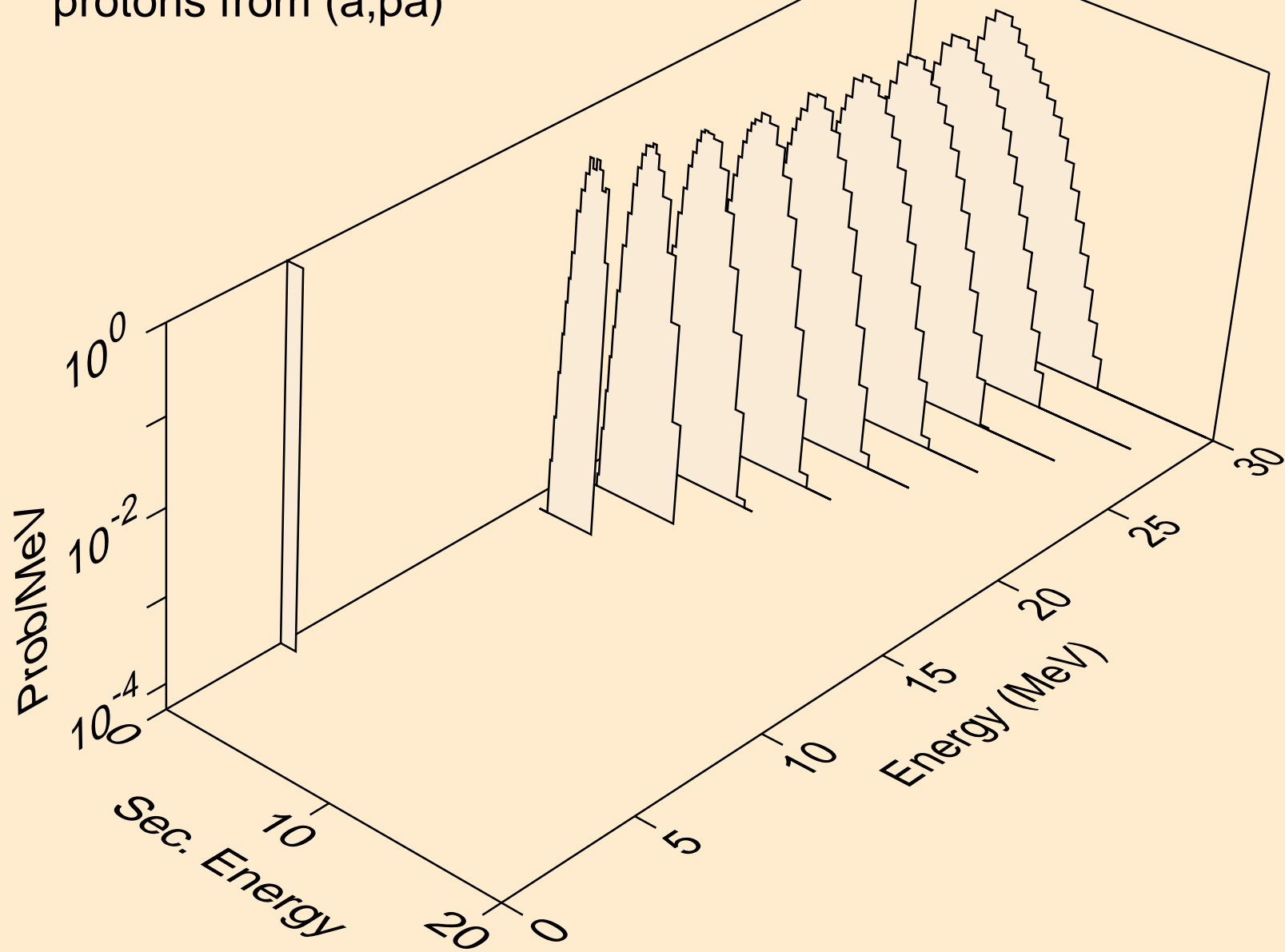
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

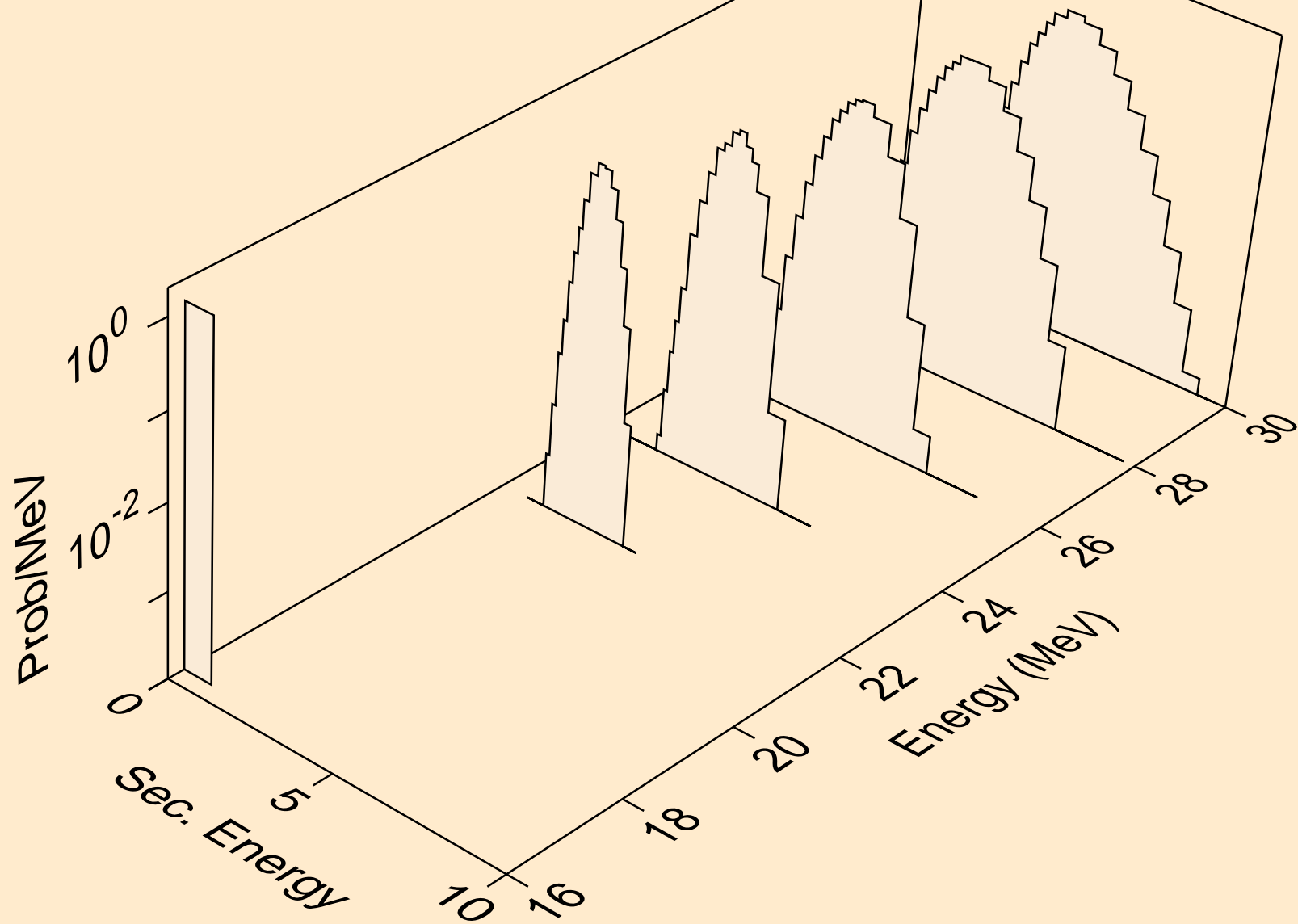


ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

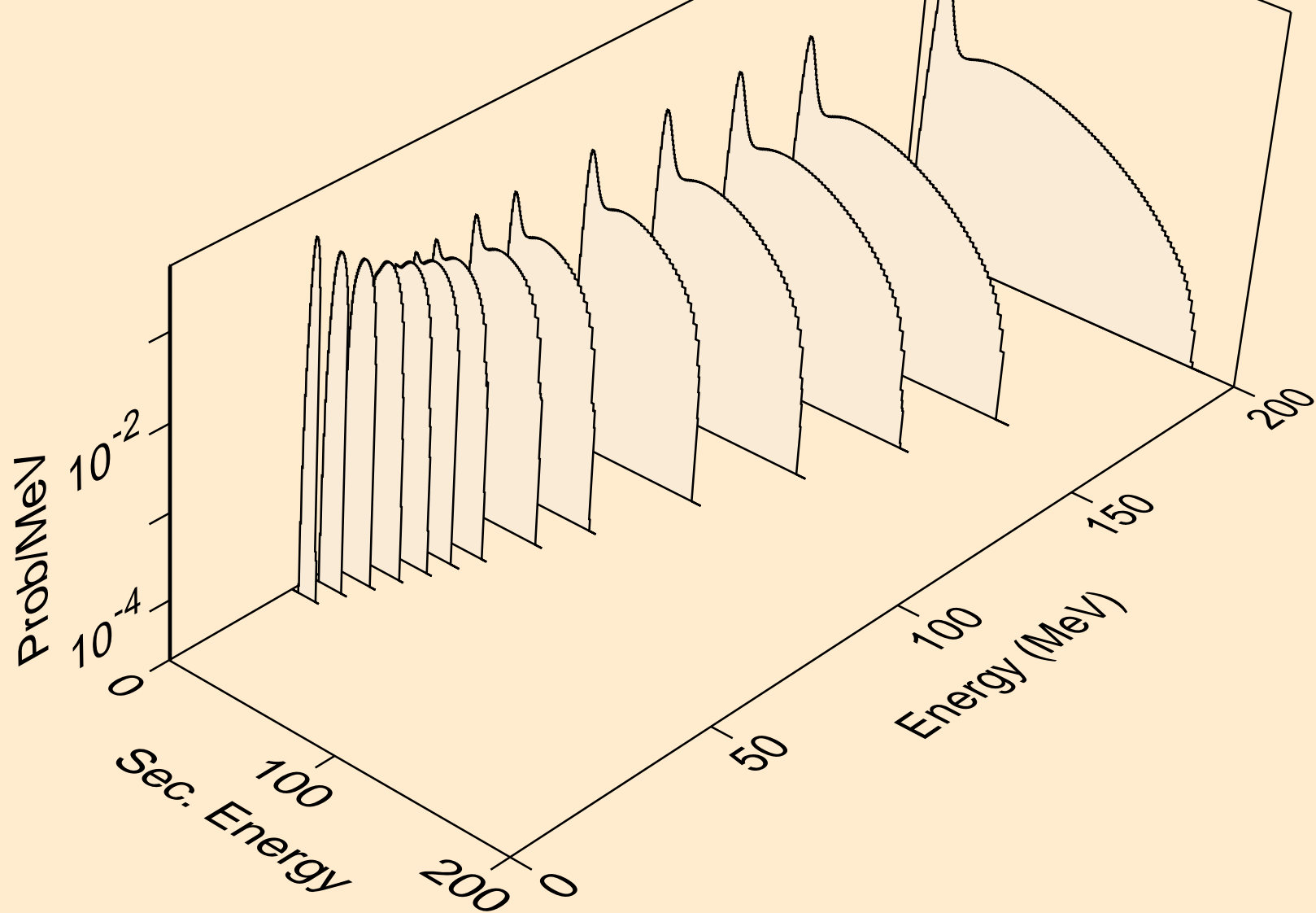




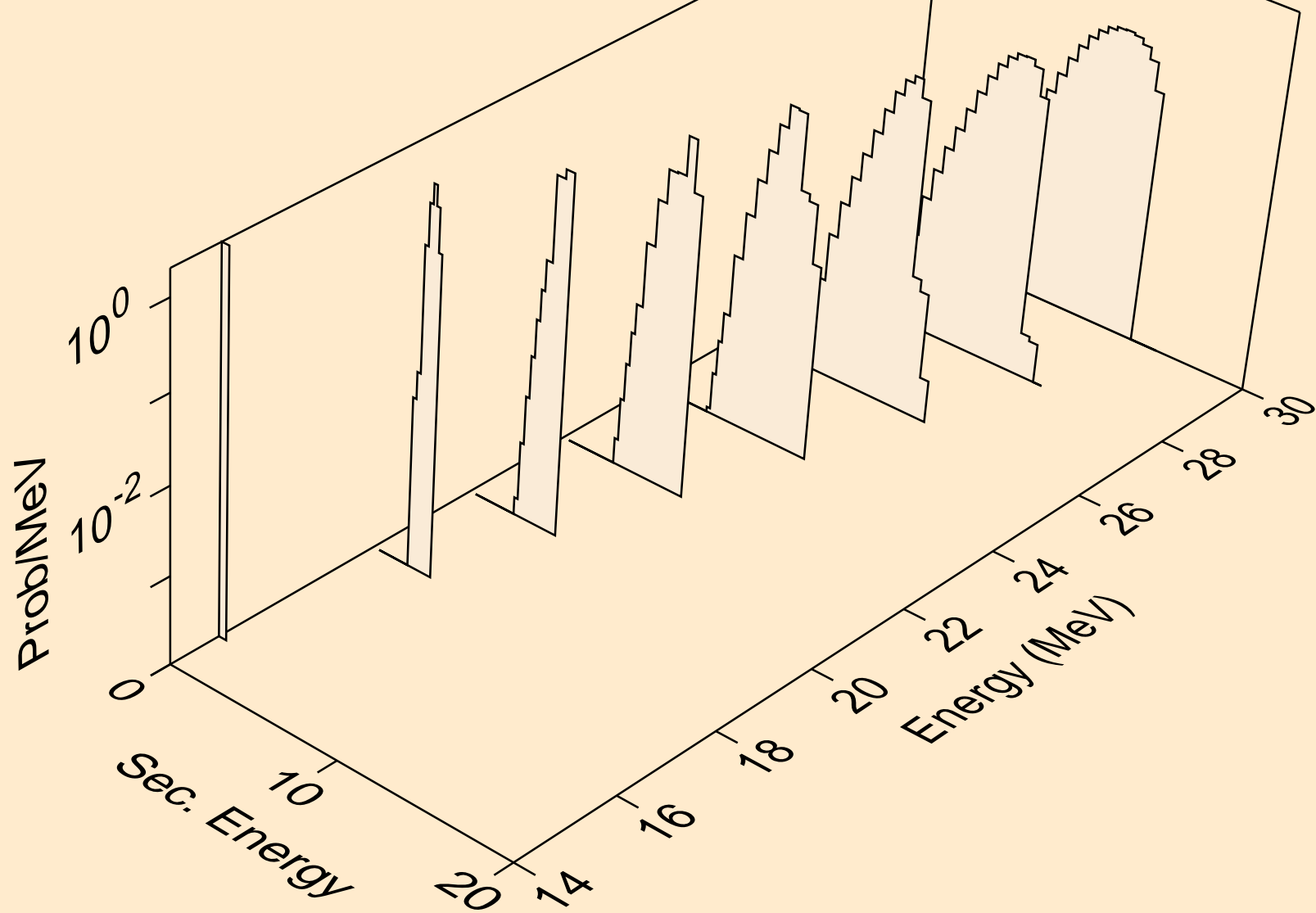
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



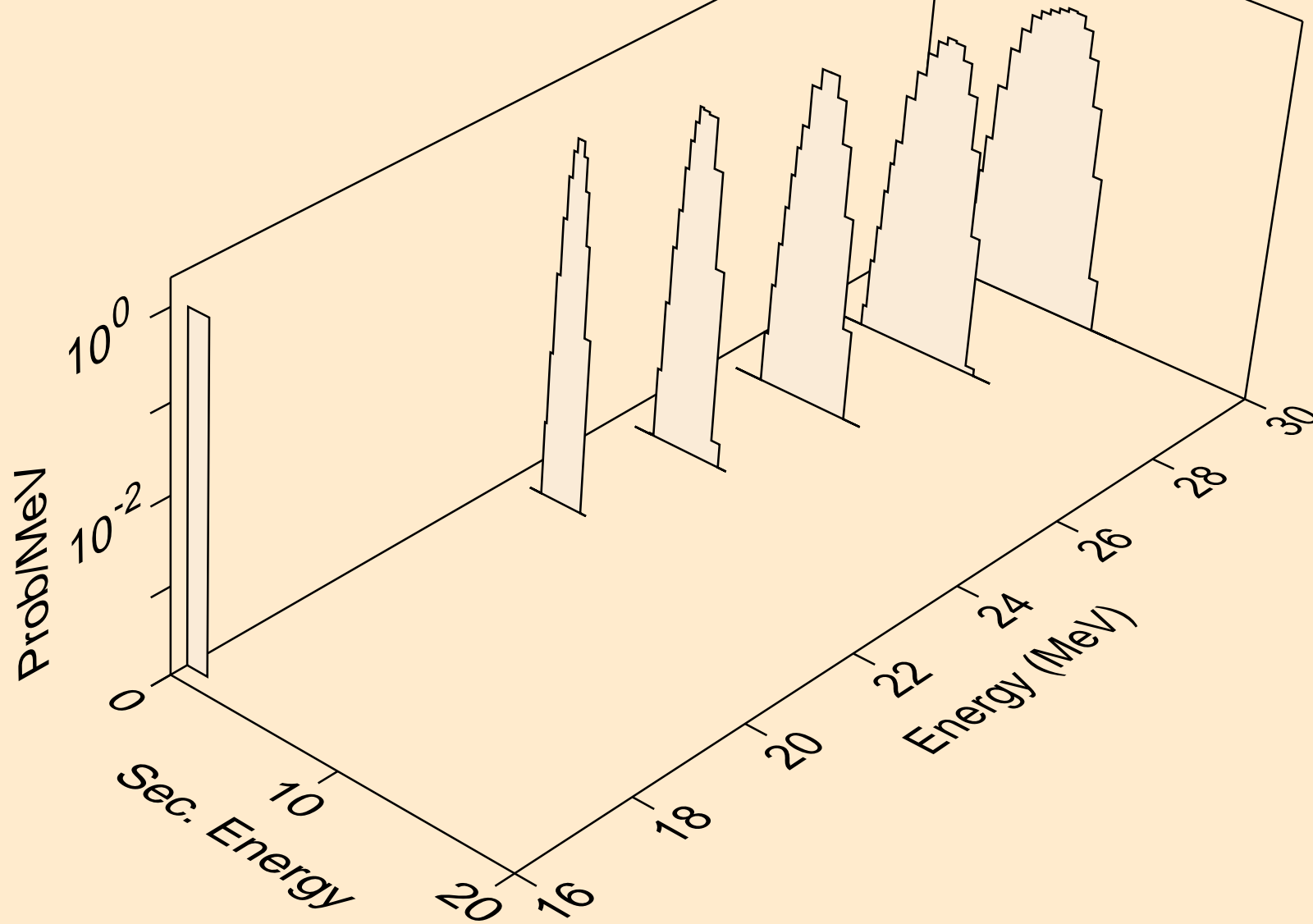
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



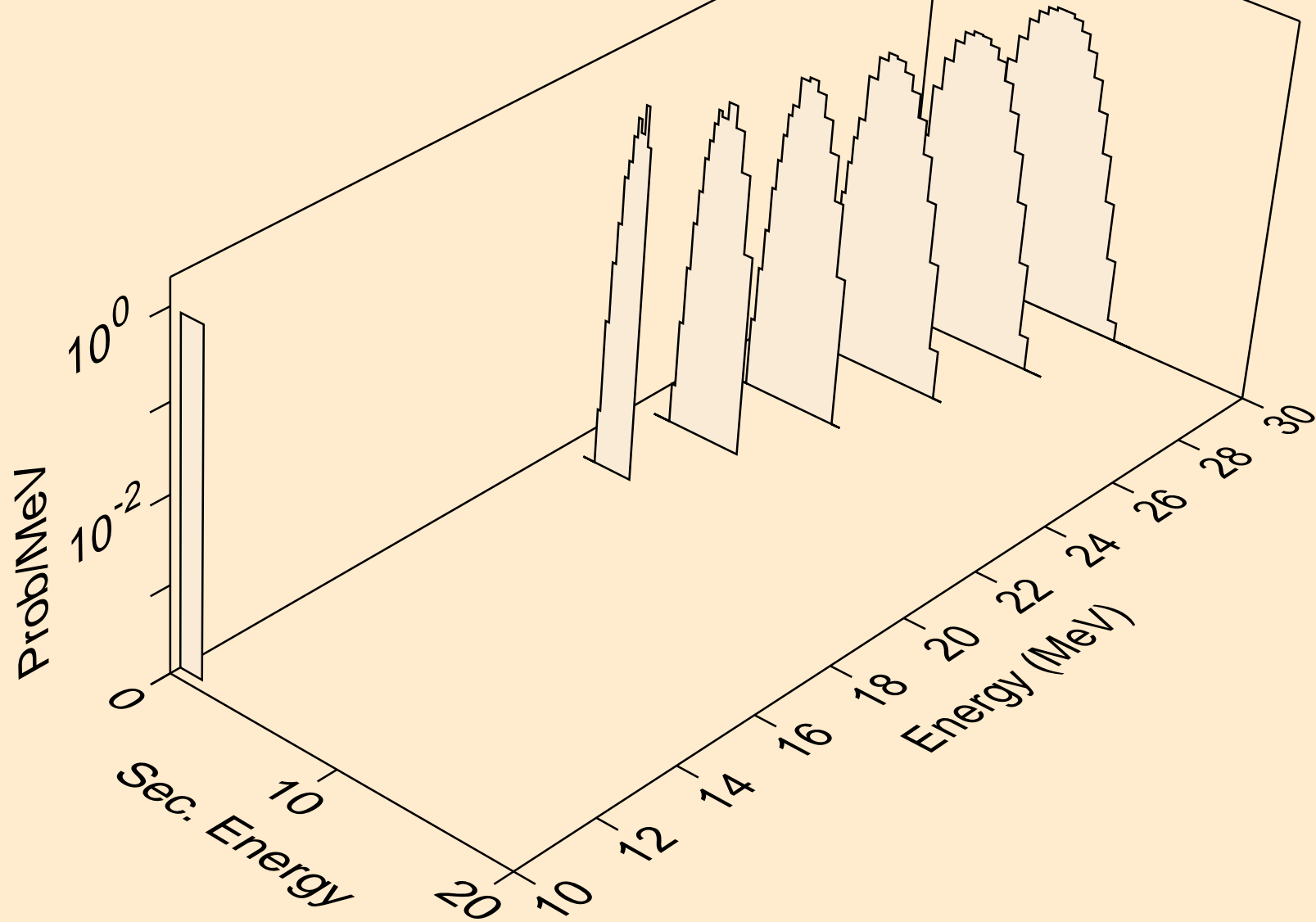
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



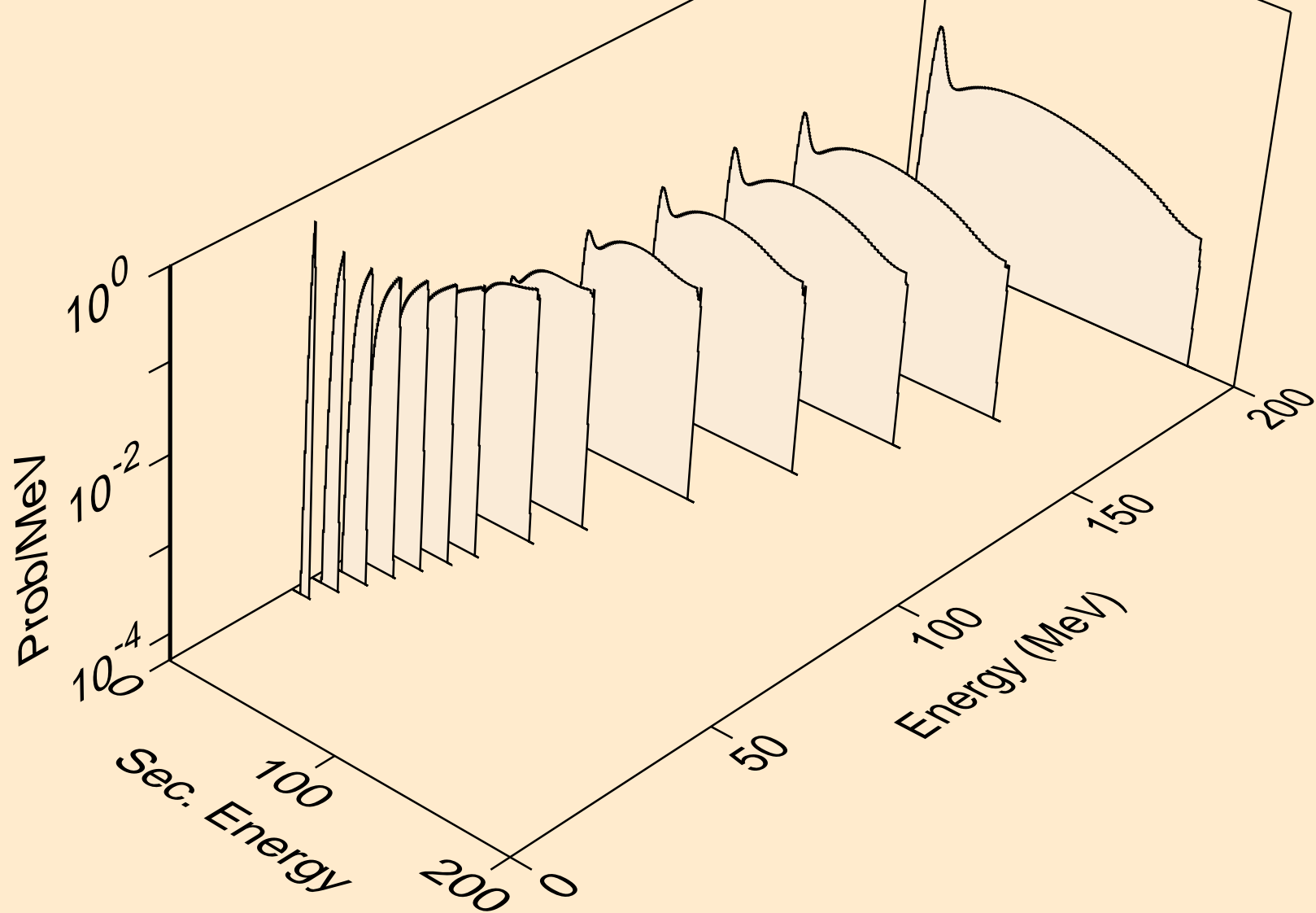
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



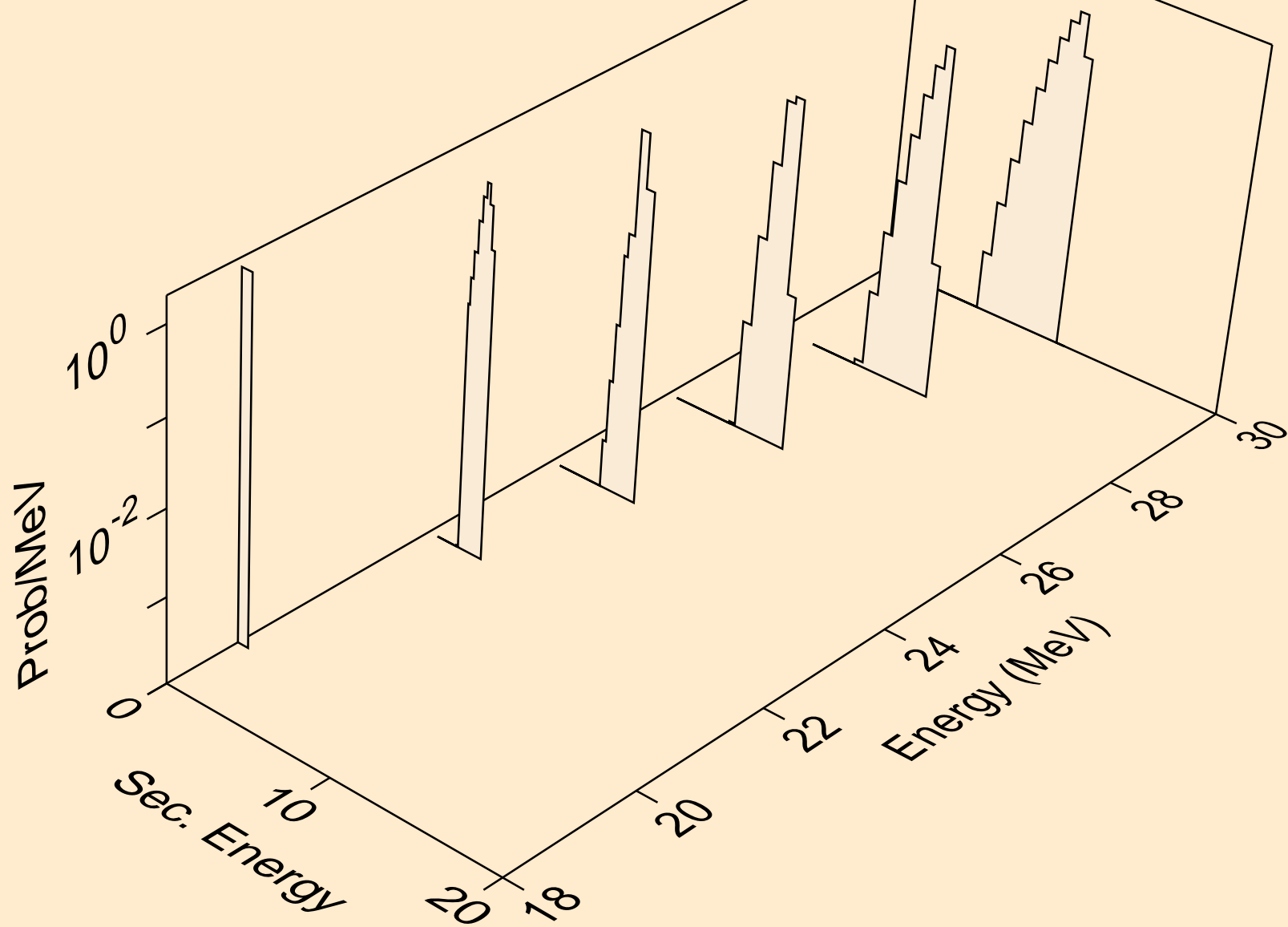
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



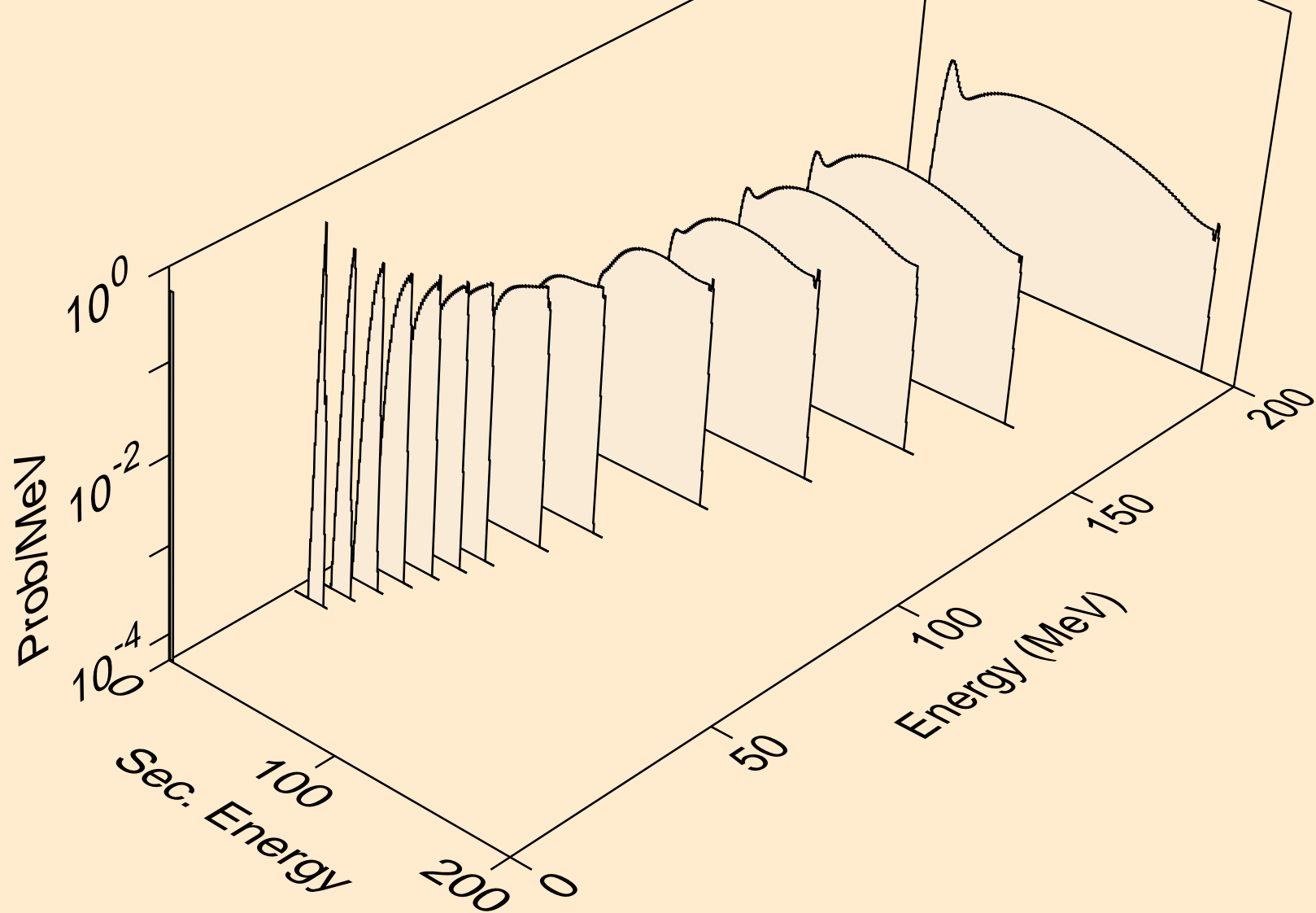
ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





ER153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

