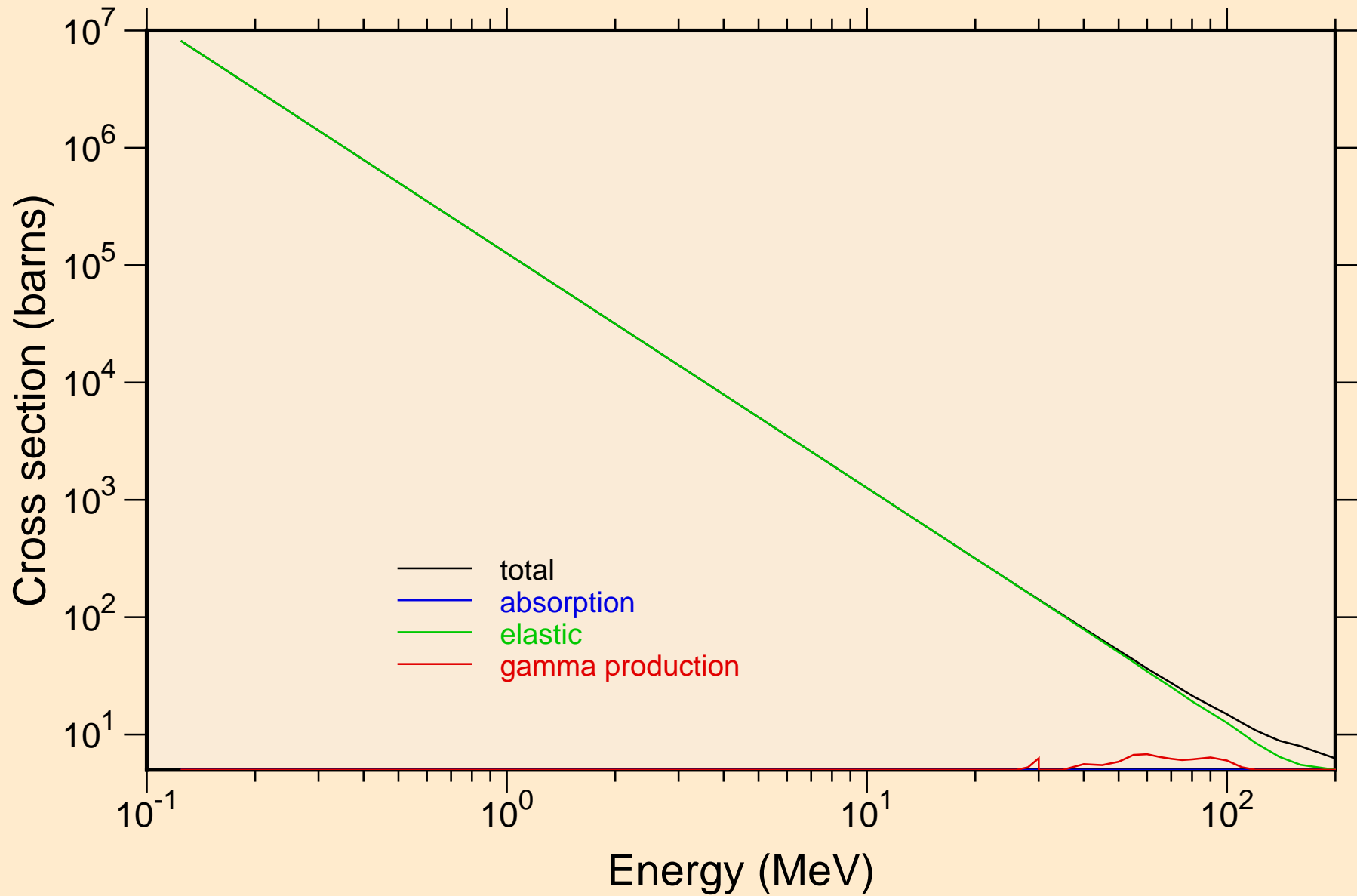


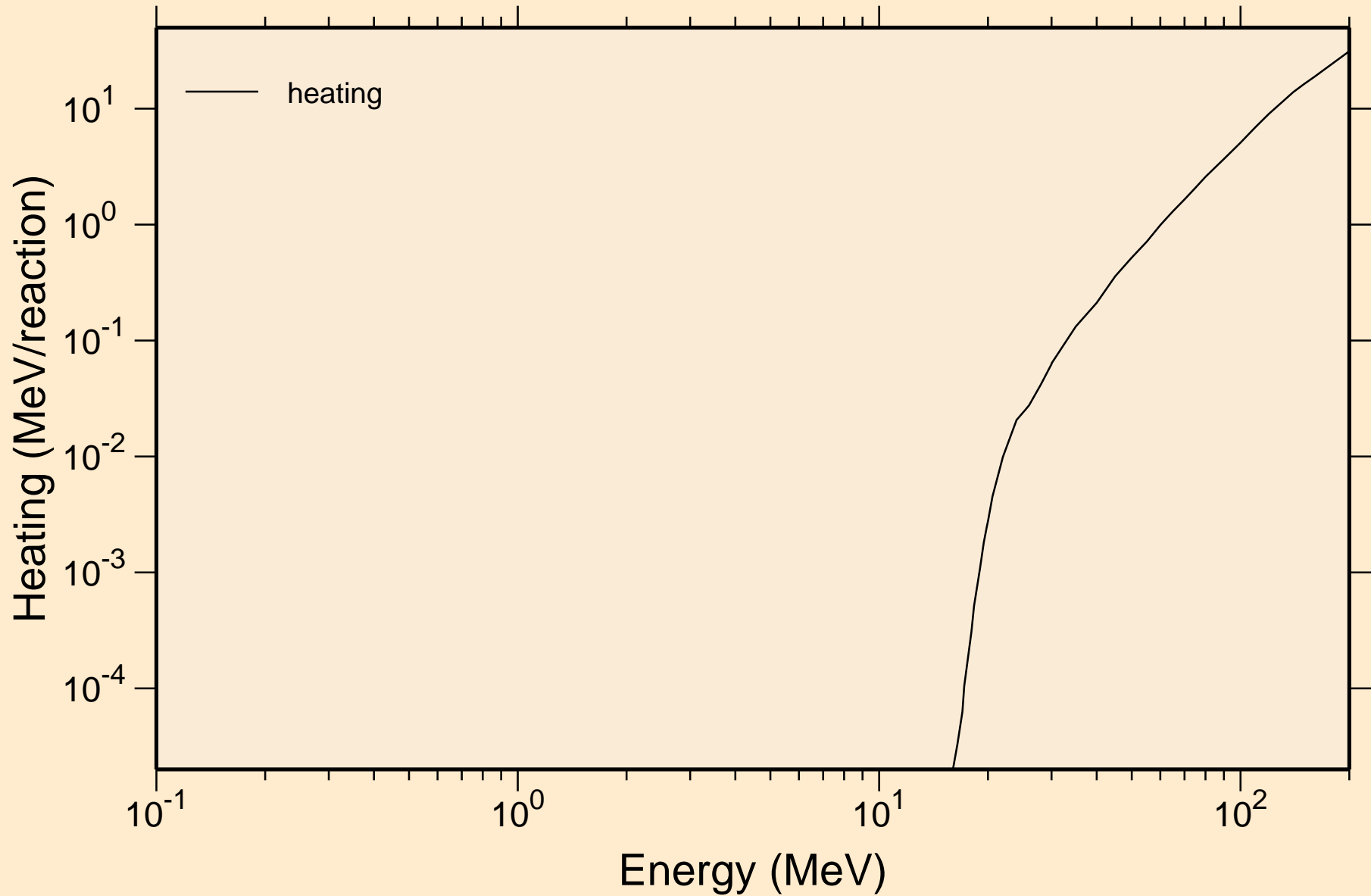
# YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



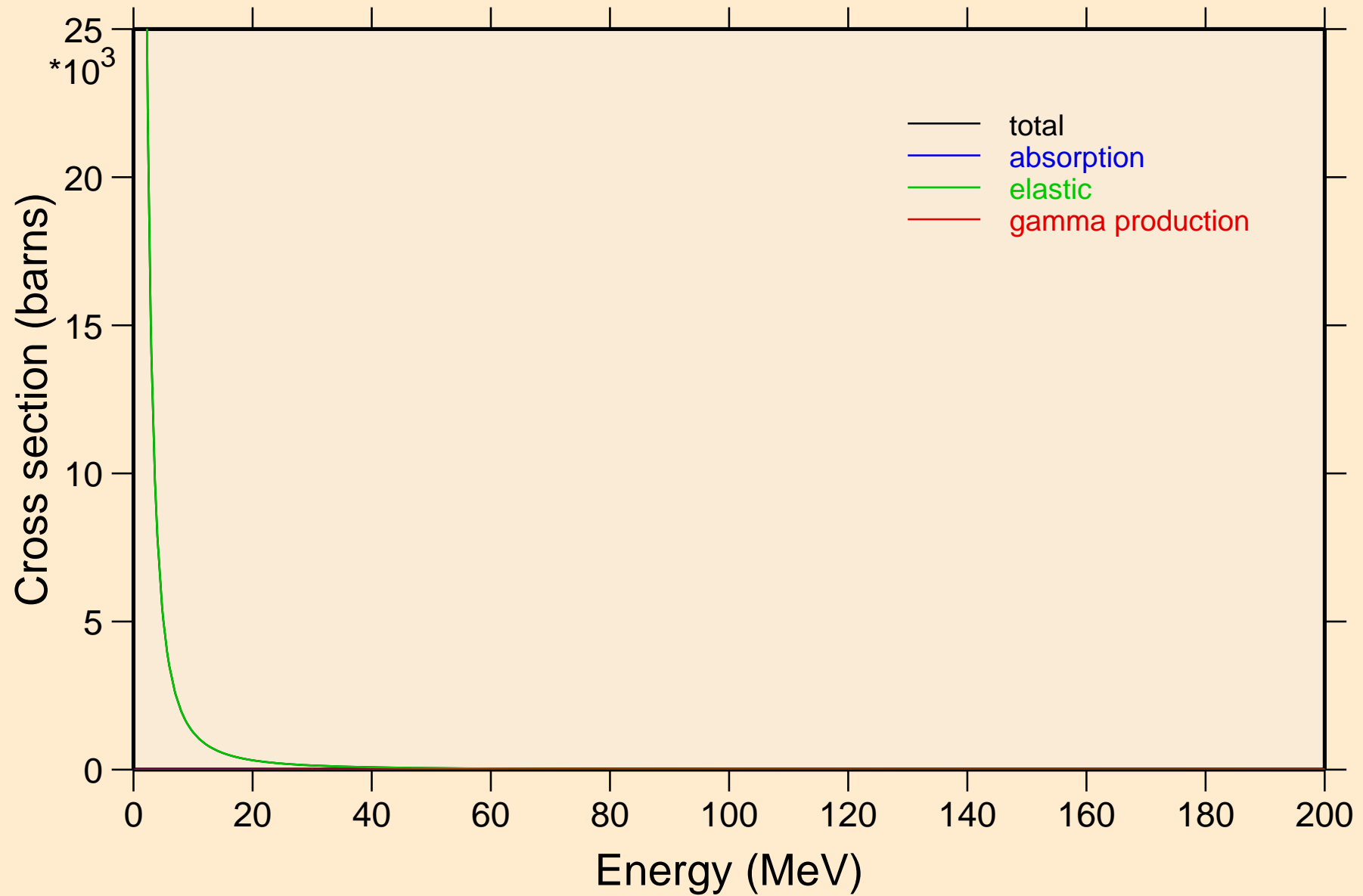
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



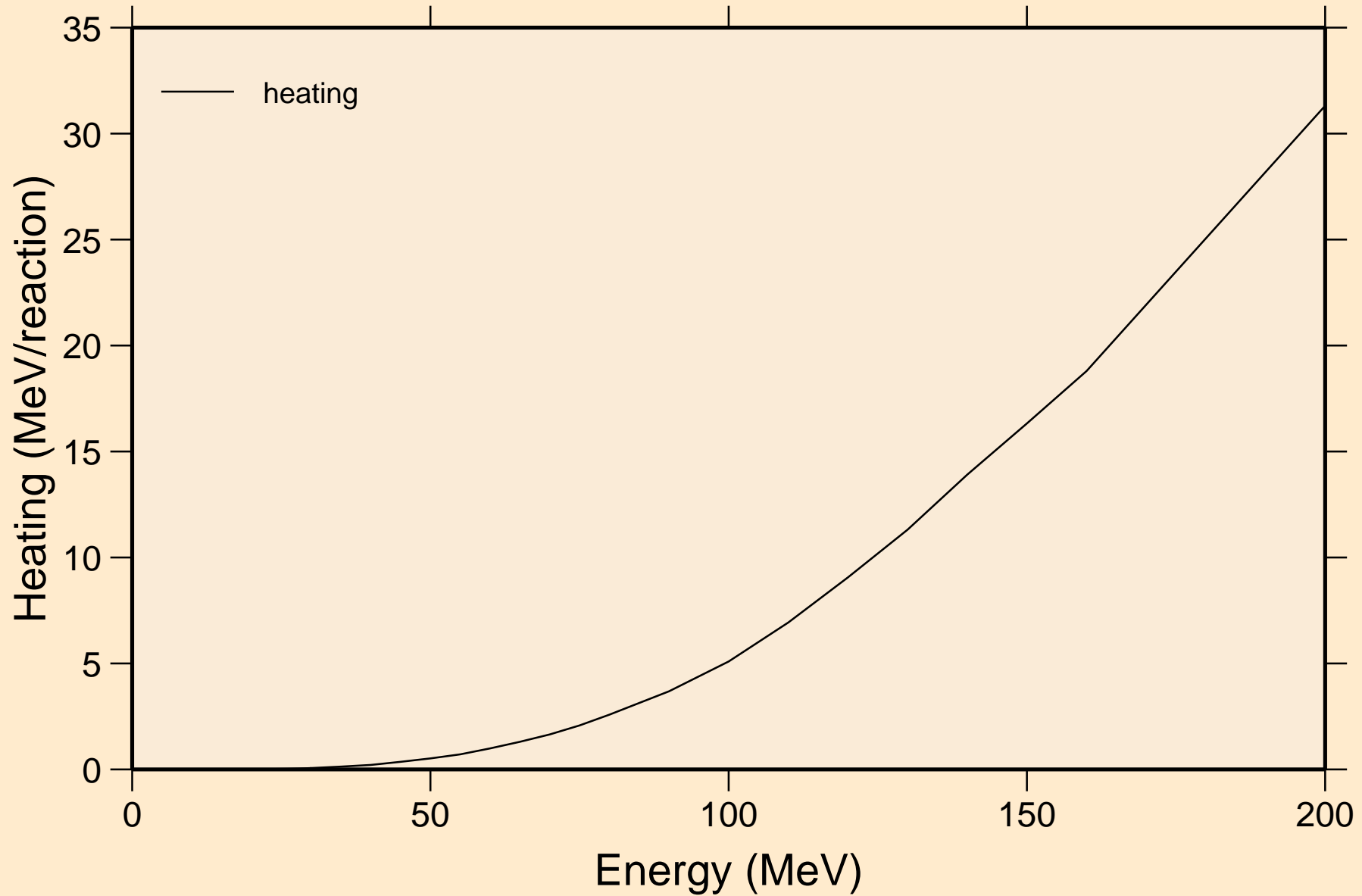
# YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

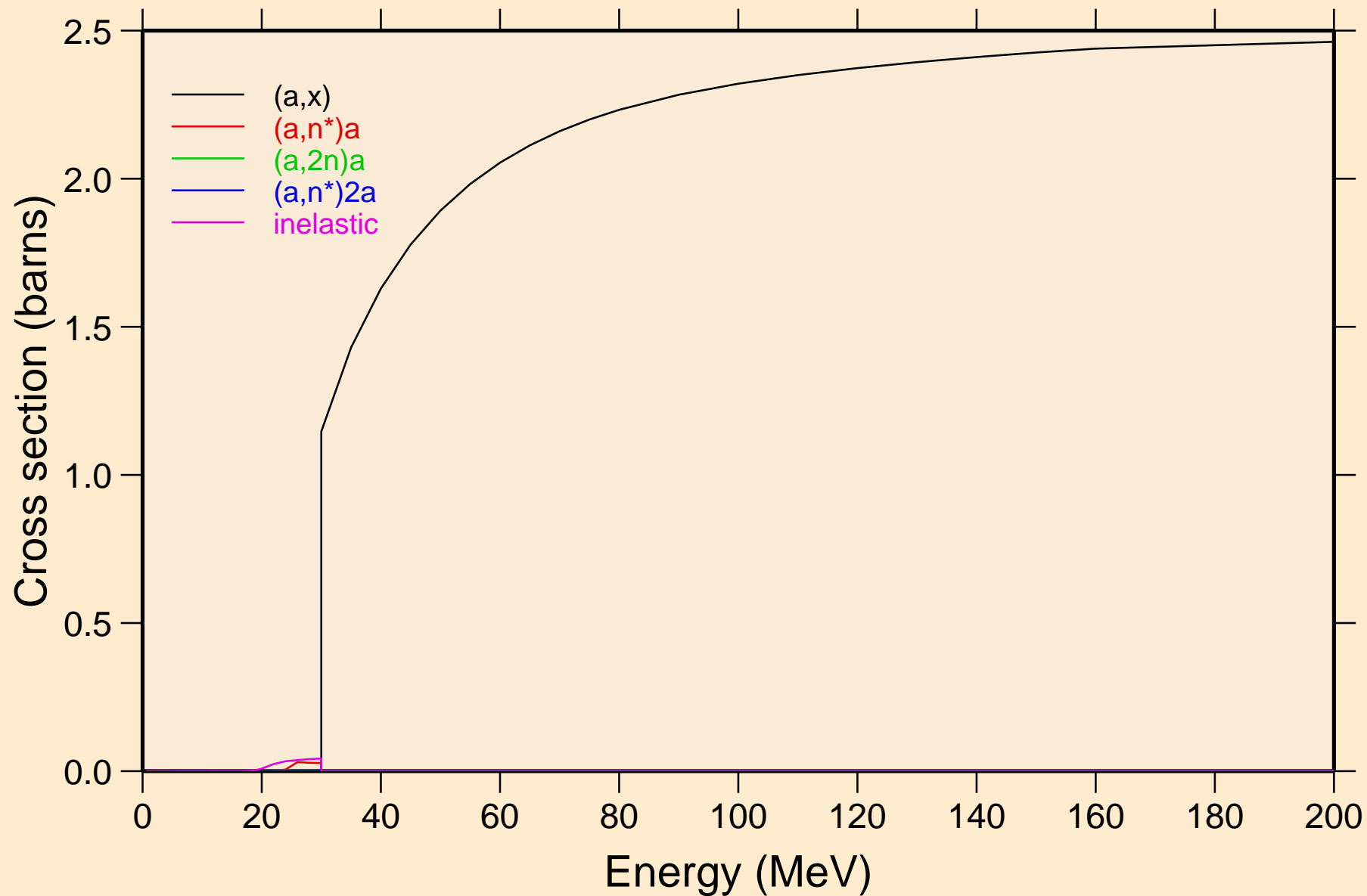


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

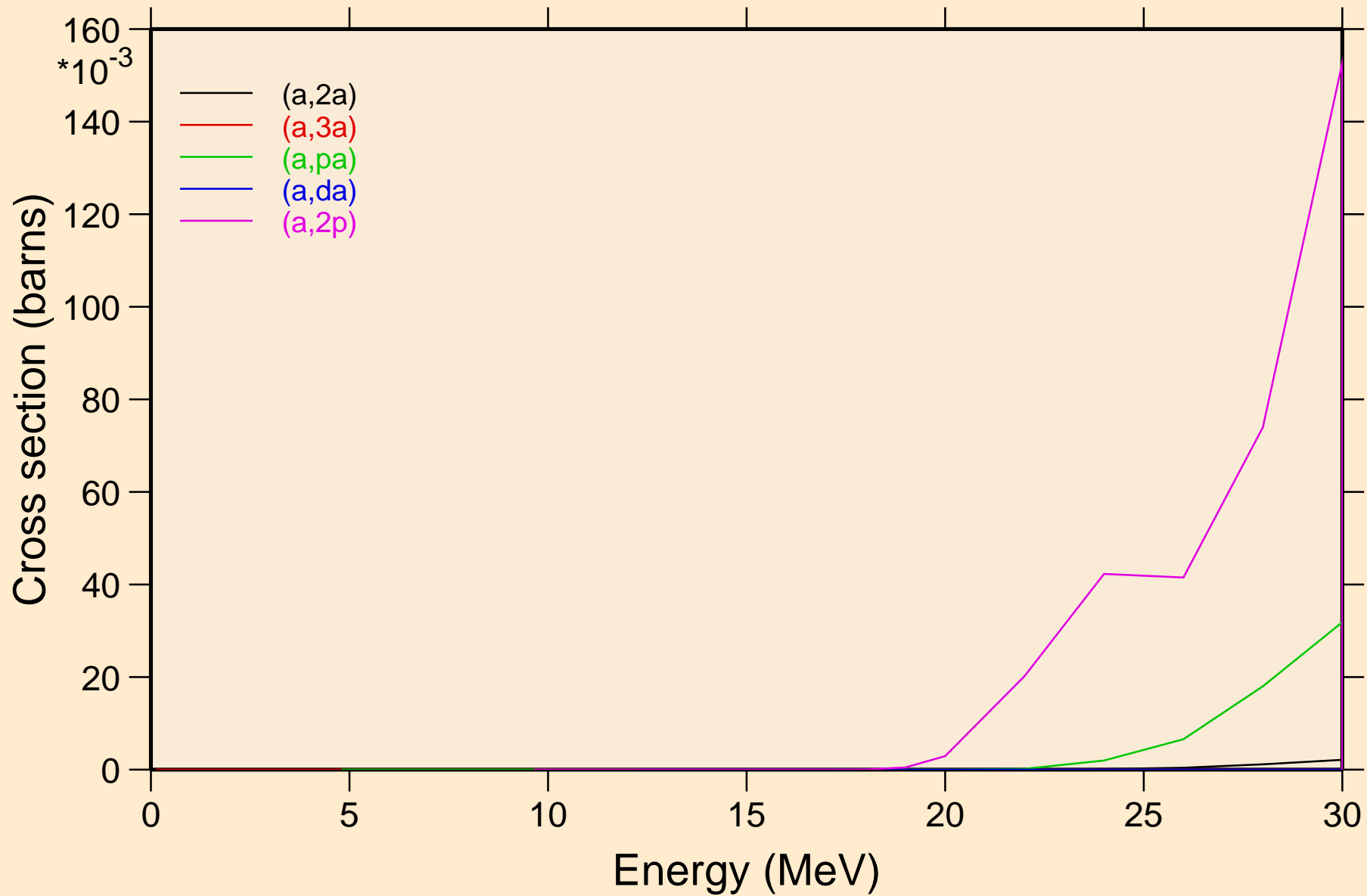
Heating



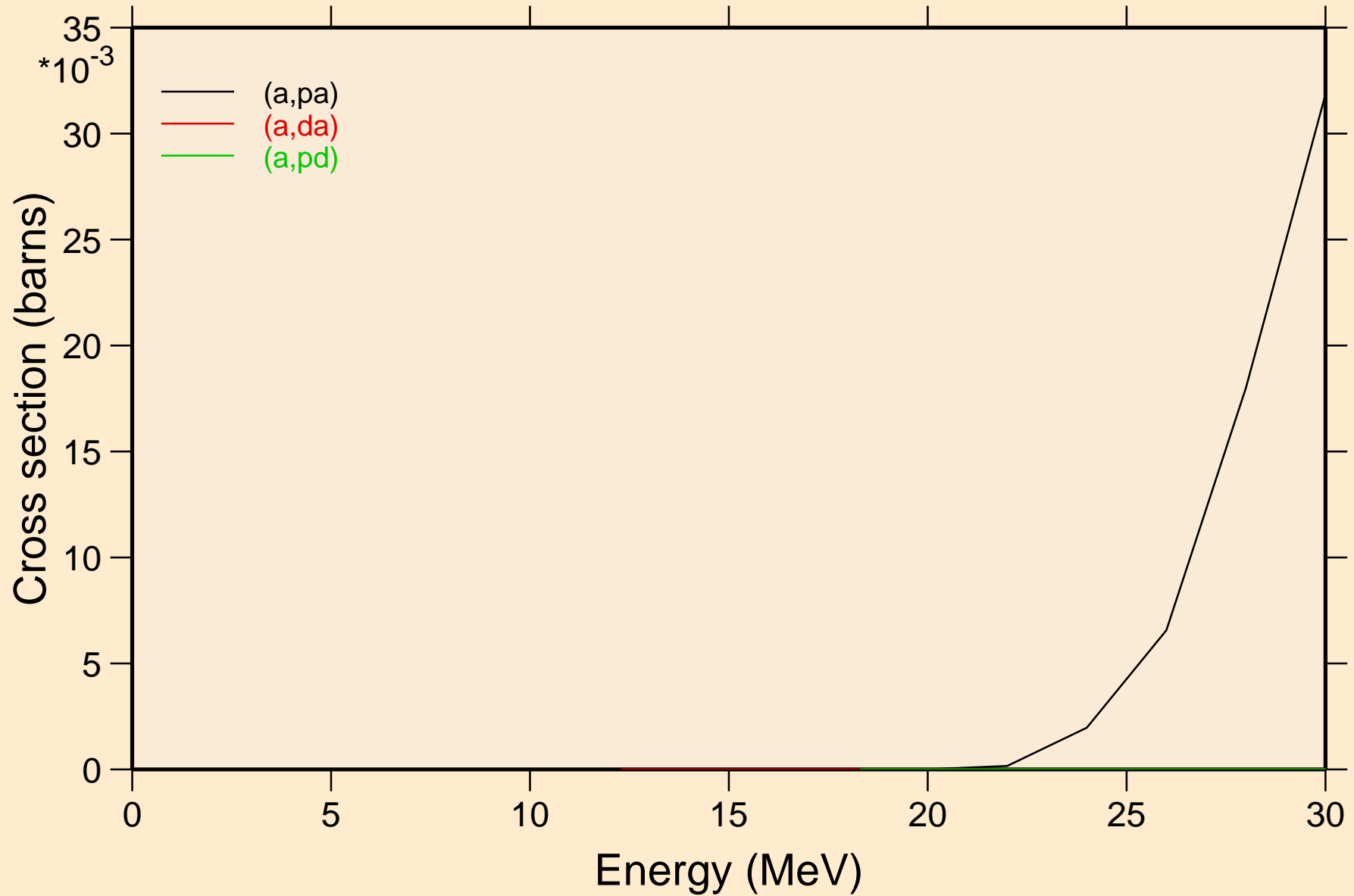
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



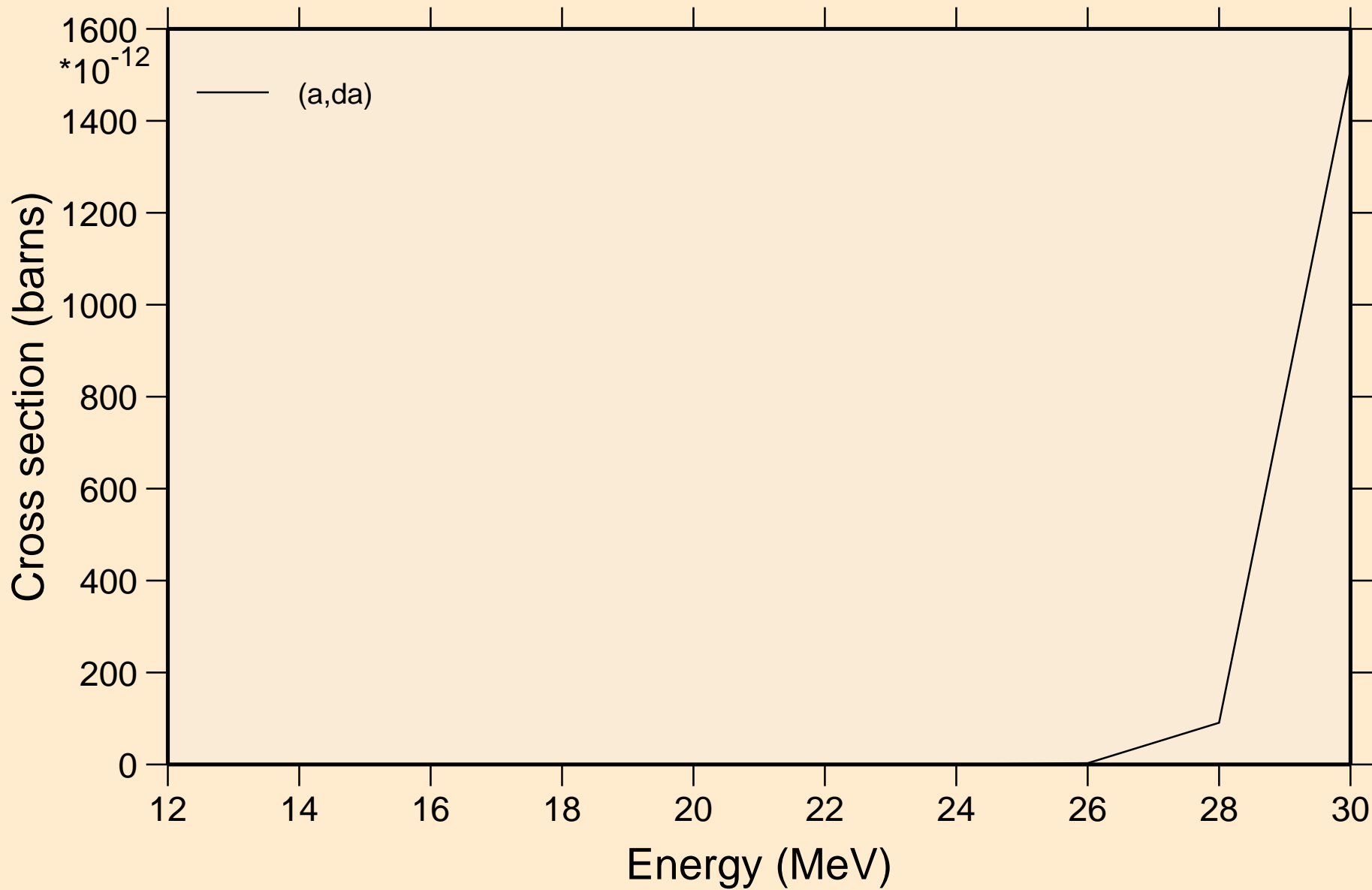
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



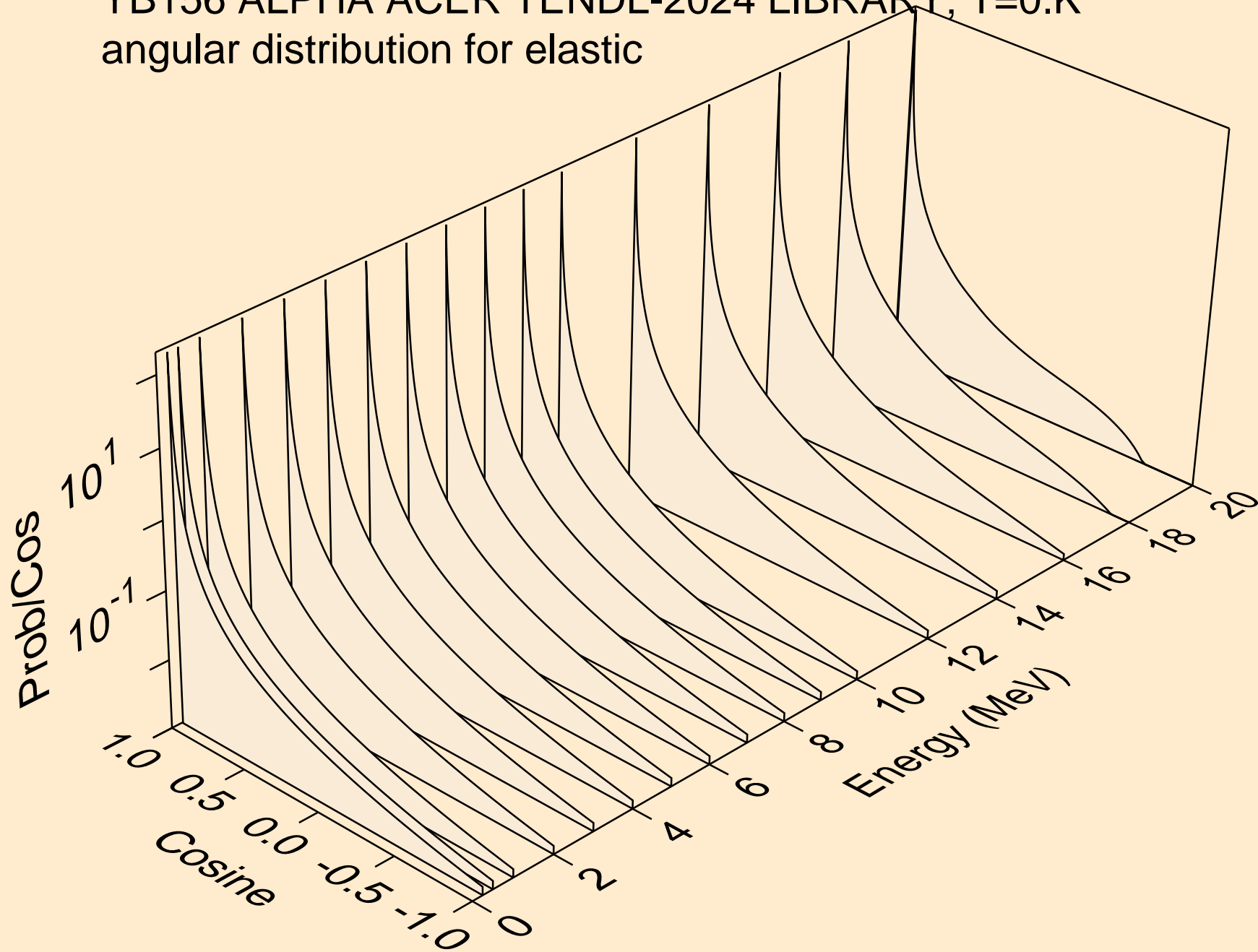
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



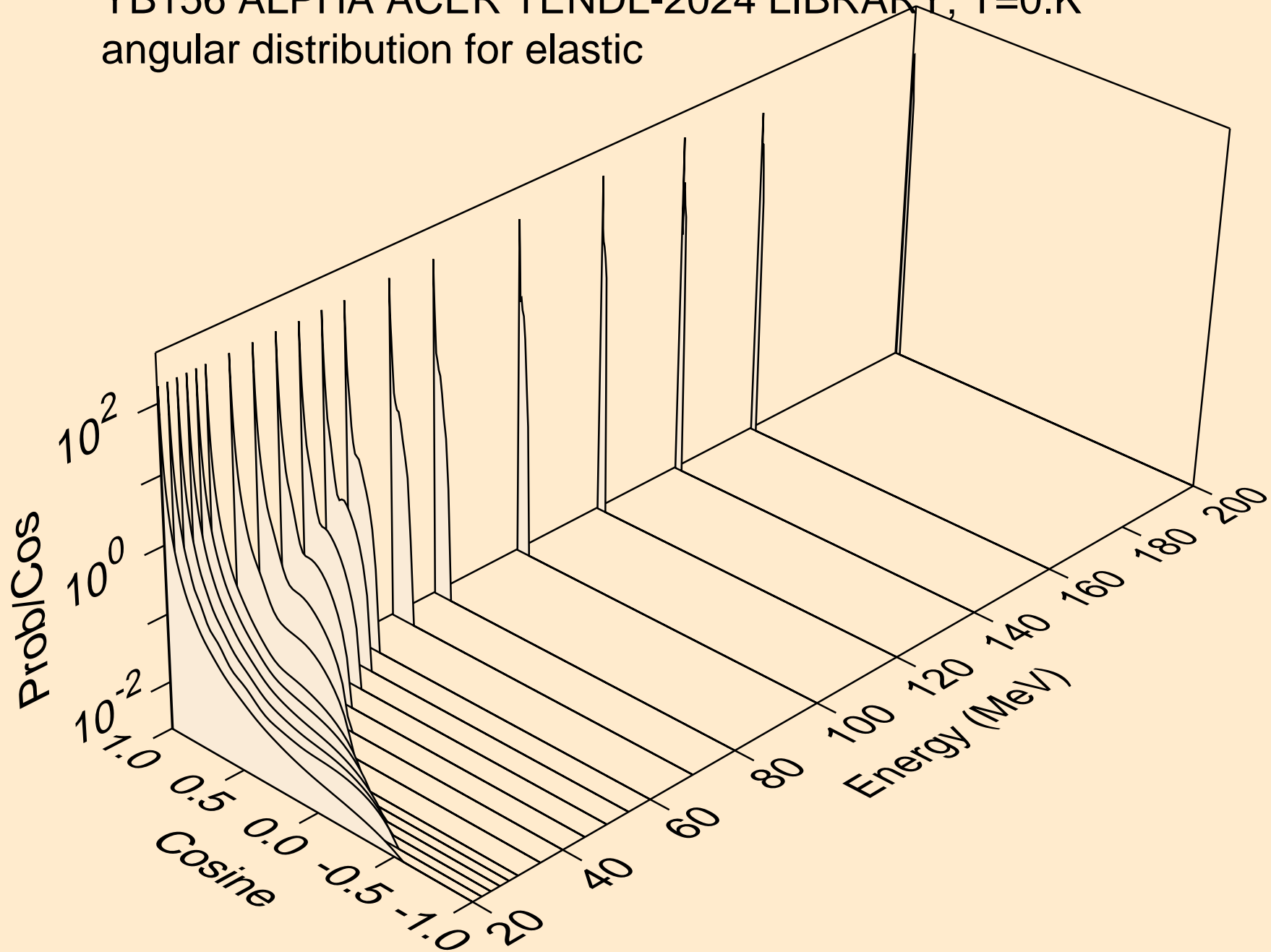
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



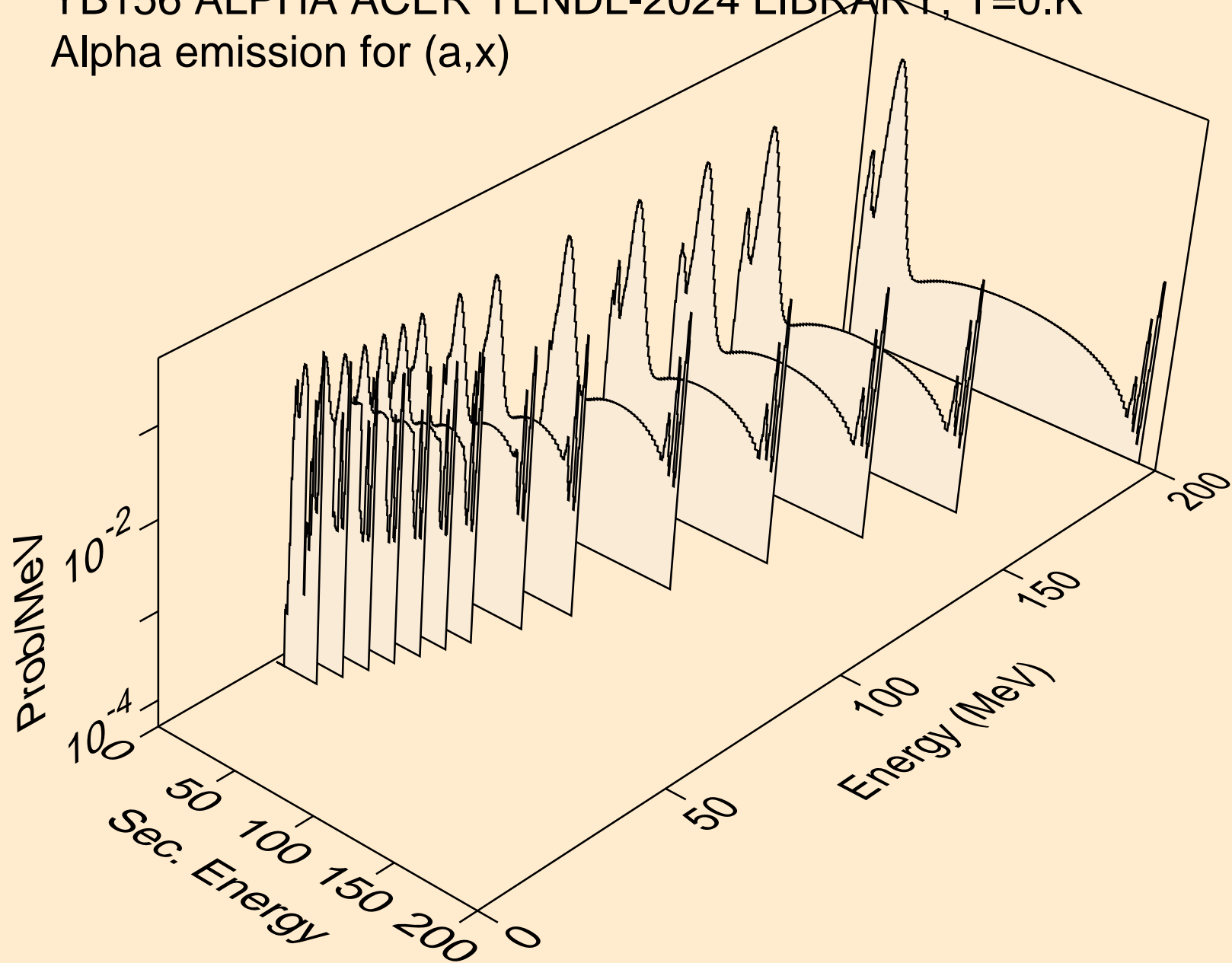
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

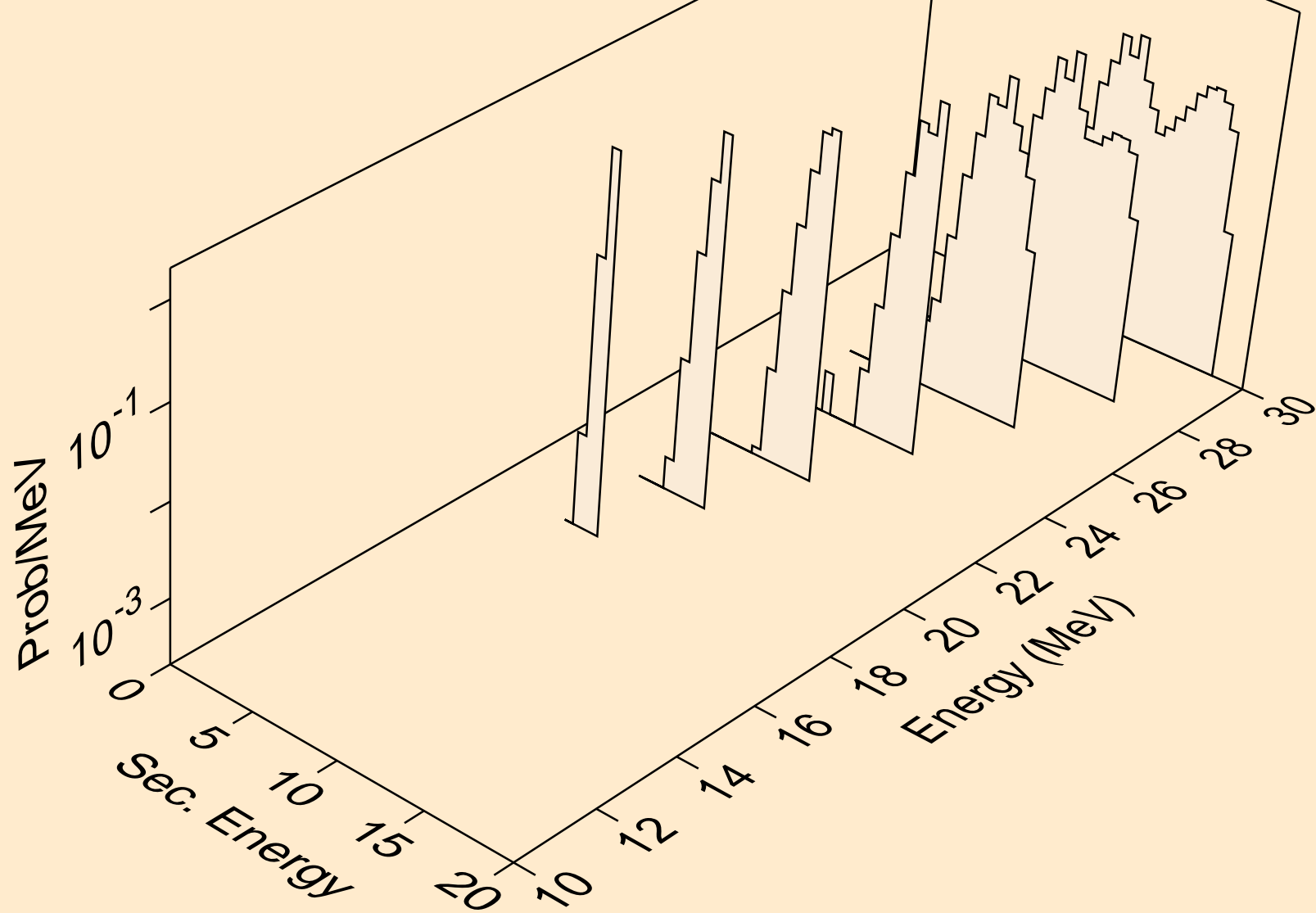


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



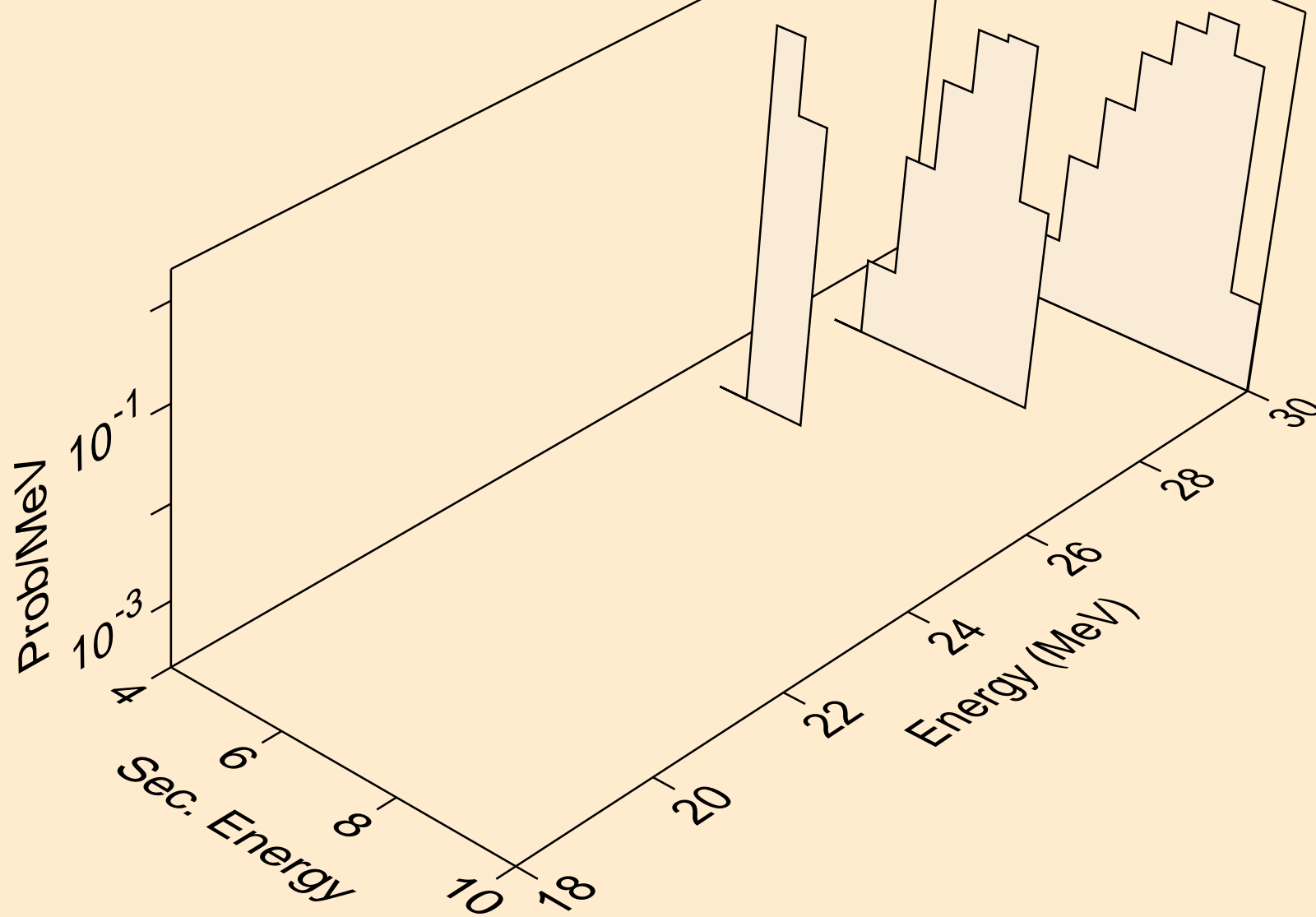
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



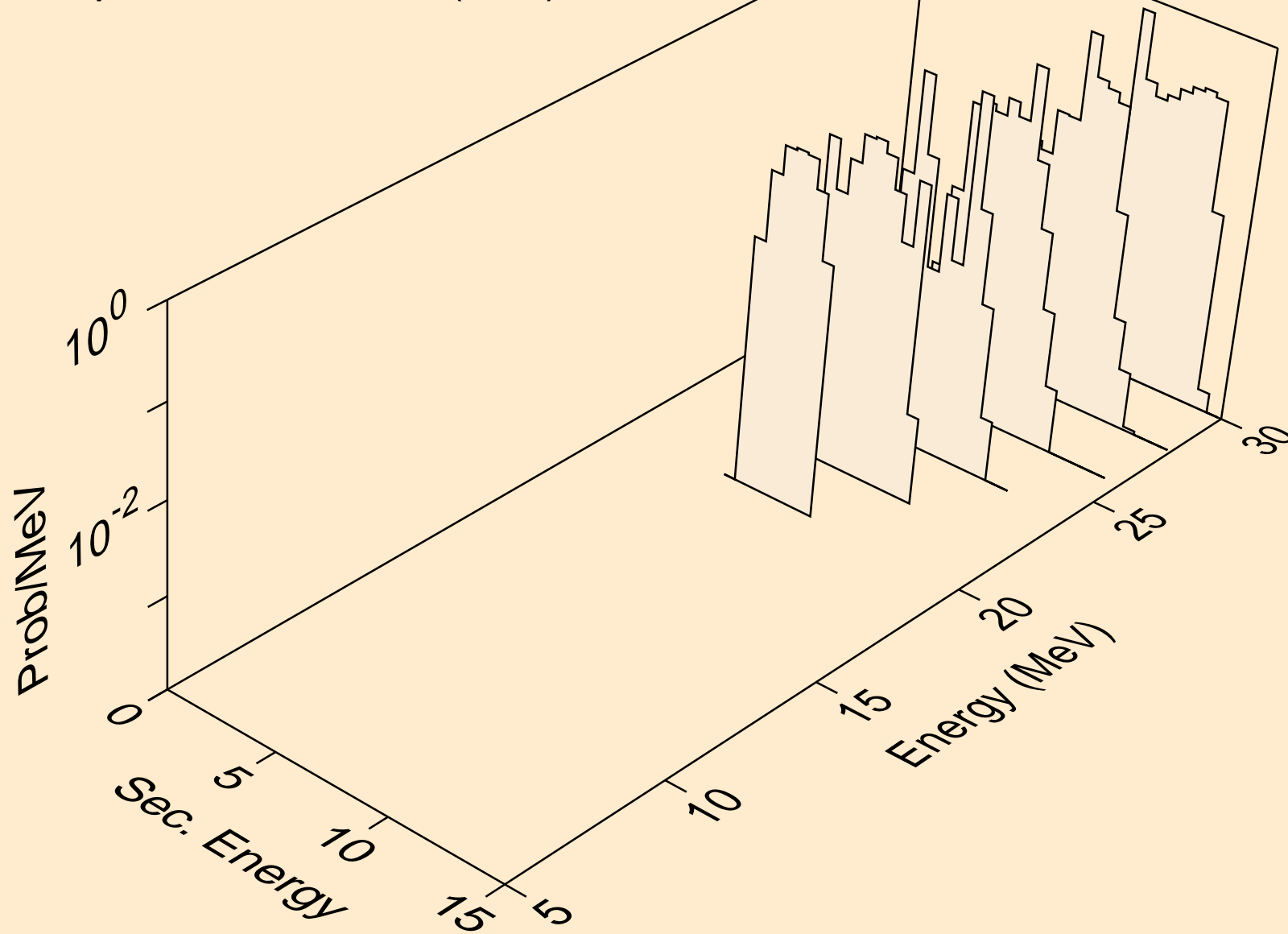
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

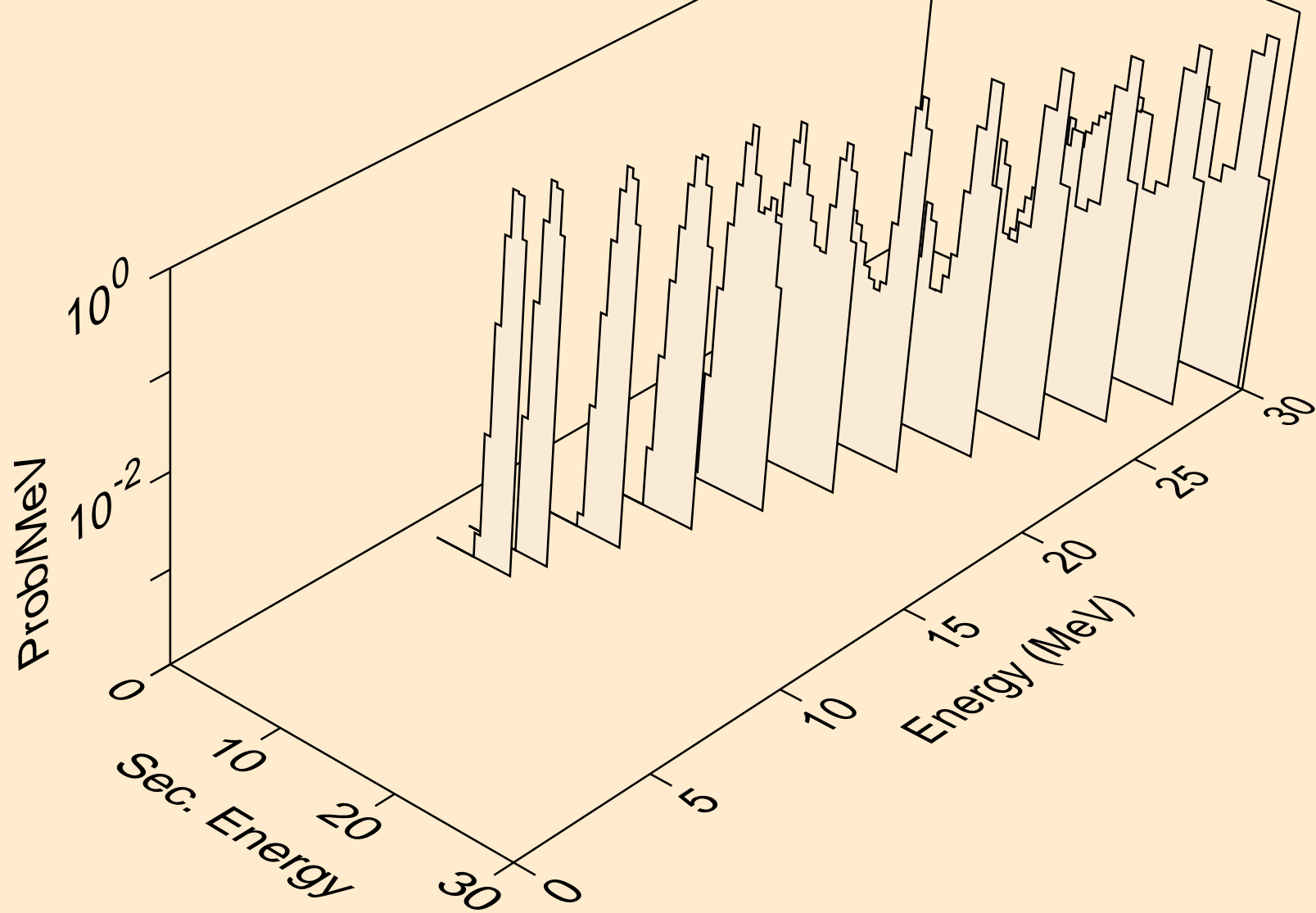


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

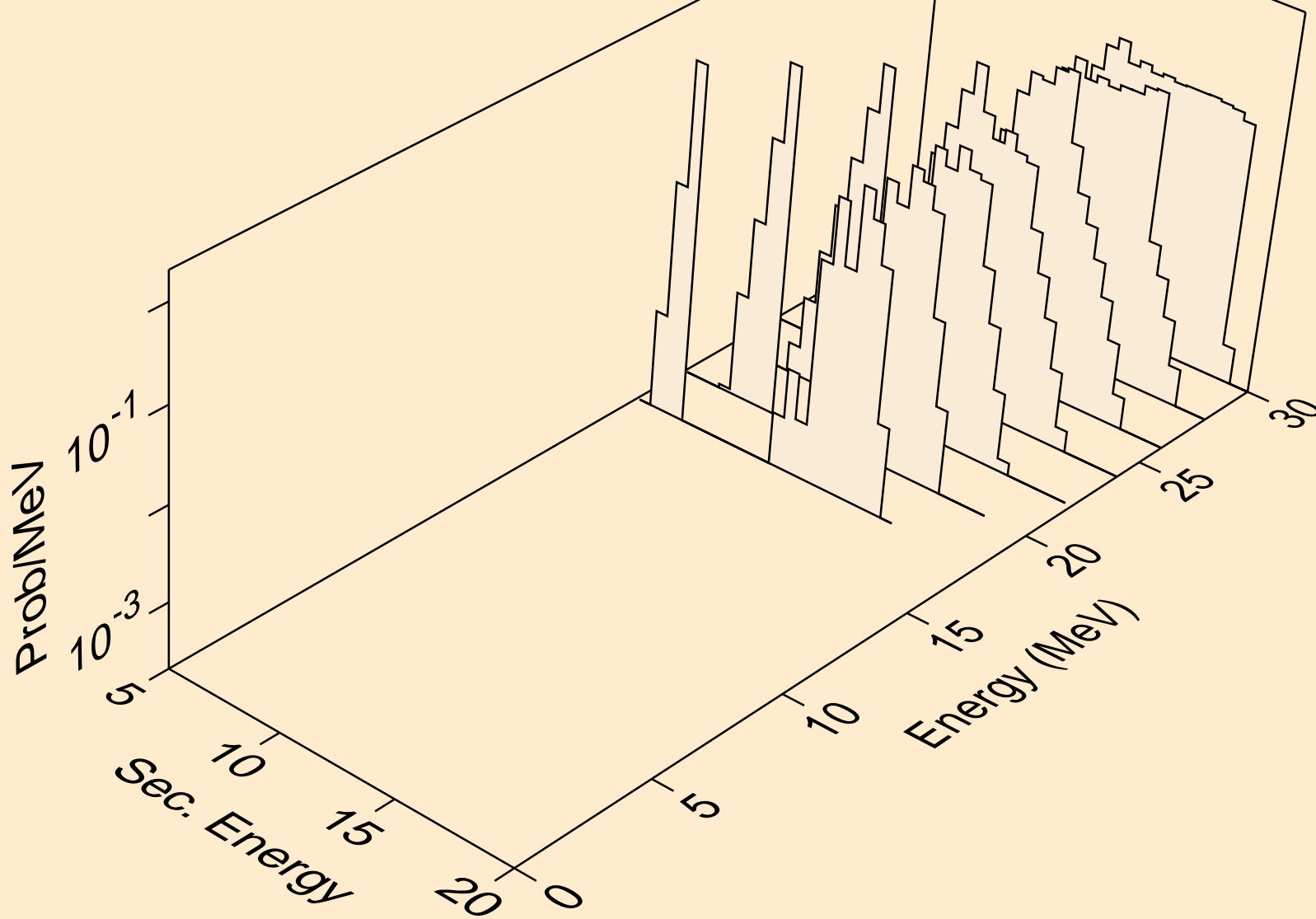
Alpha emission for (a,n\*)2a



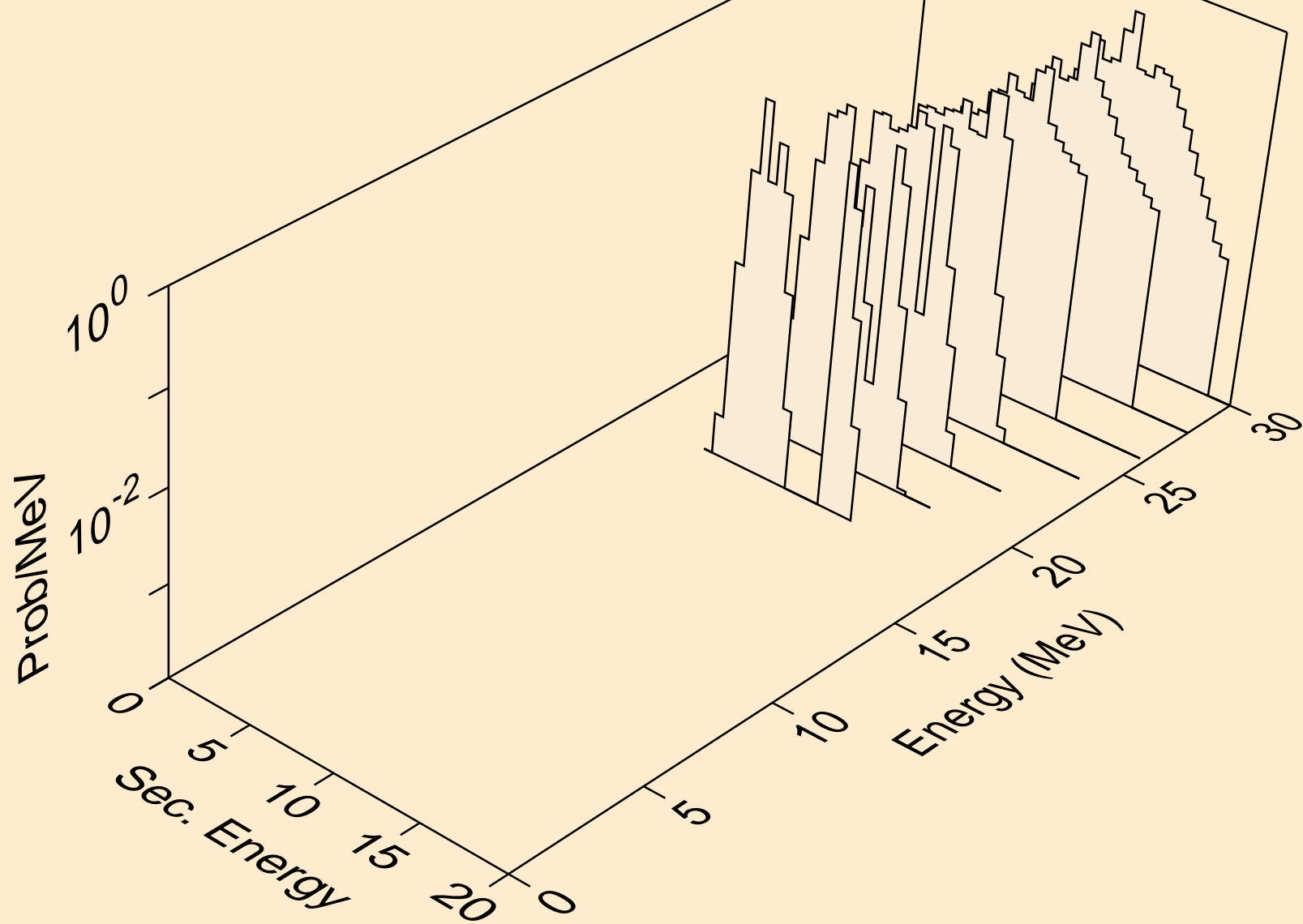
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)

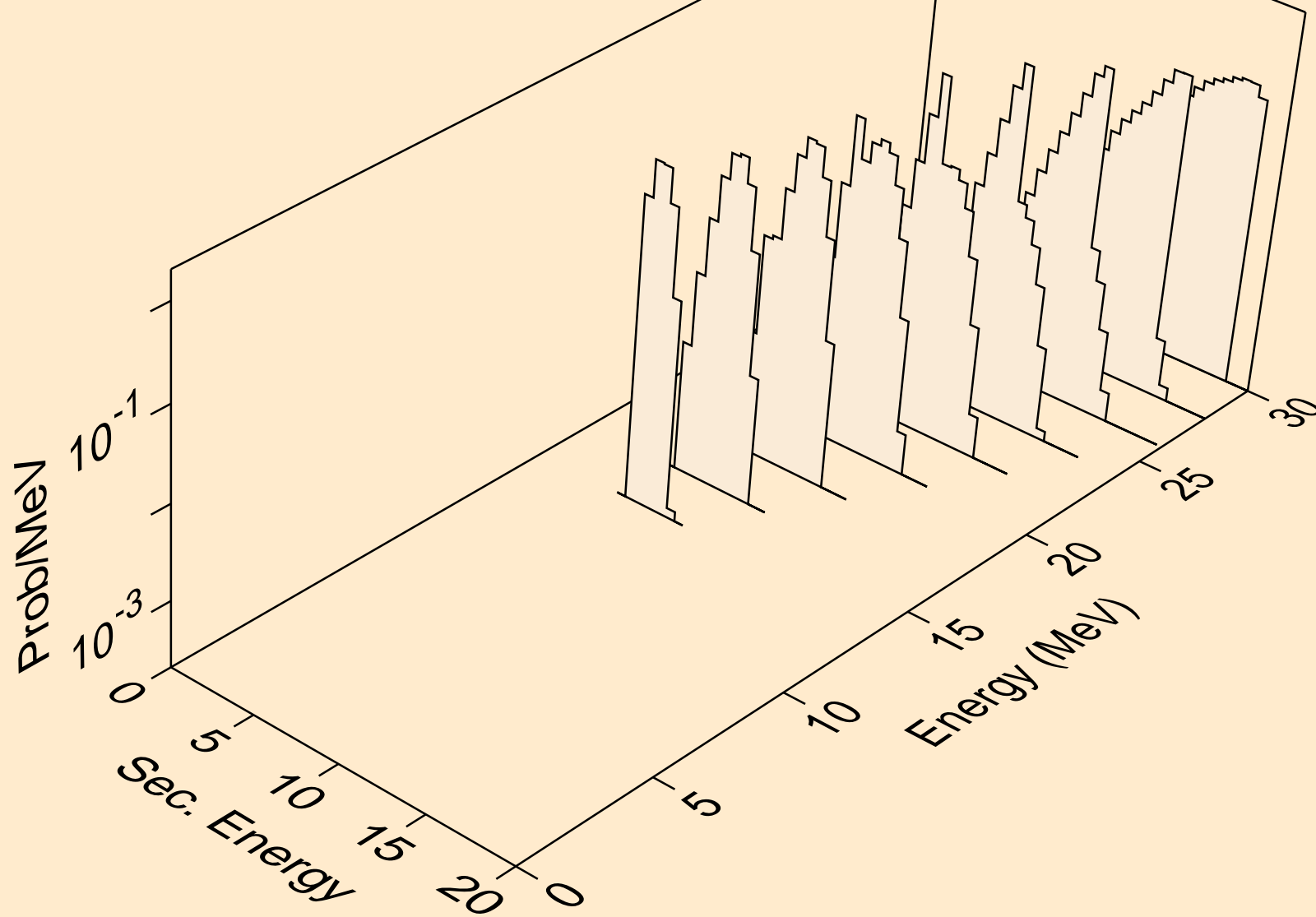


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,3a)

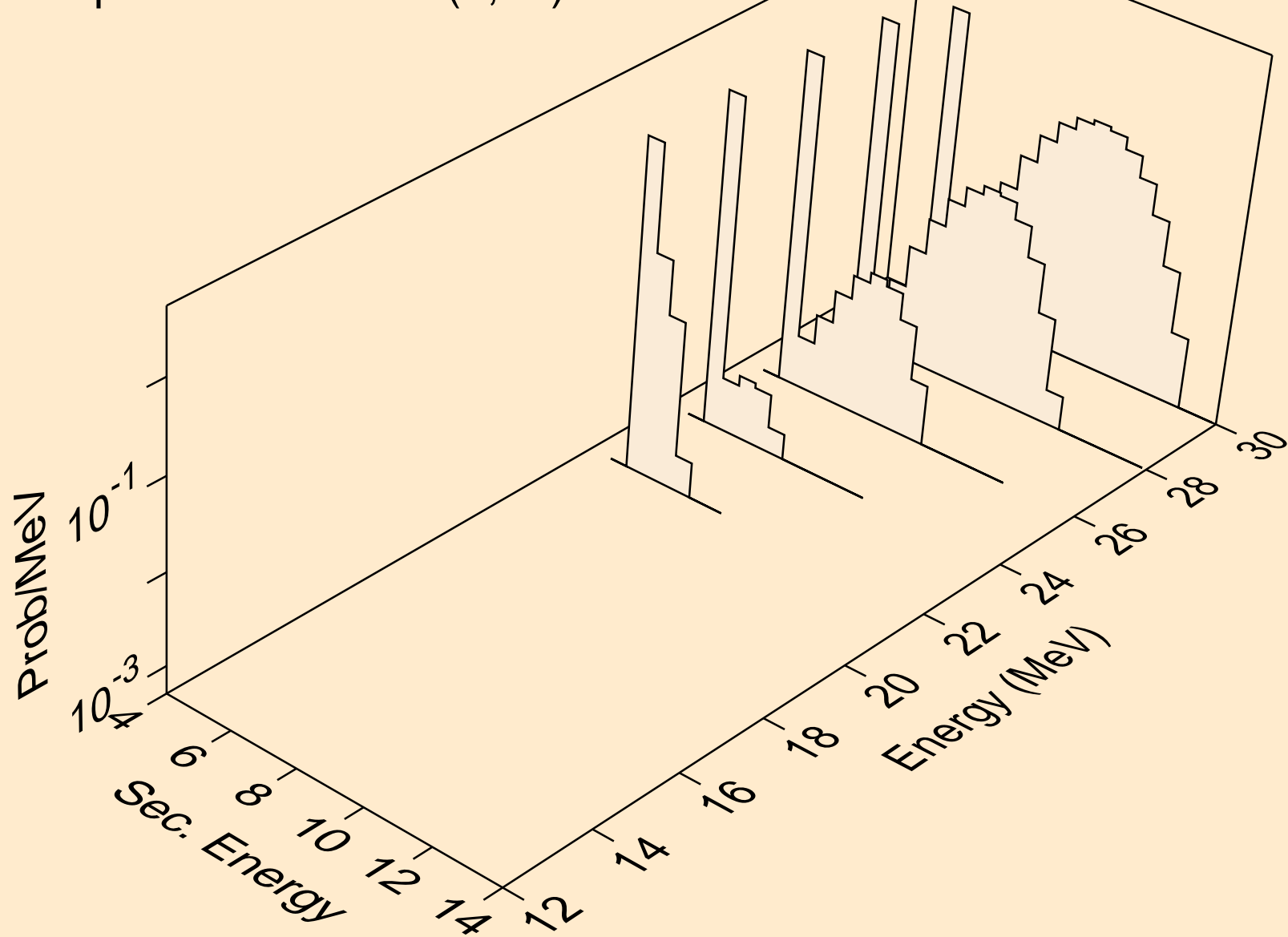


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

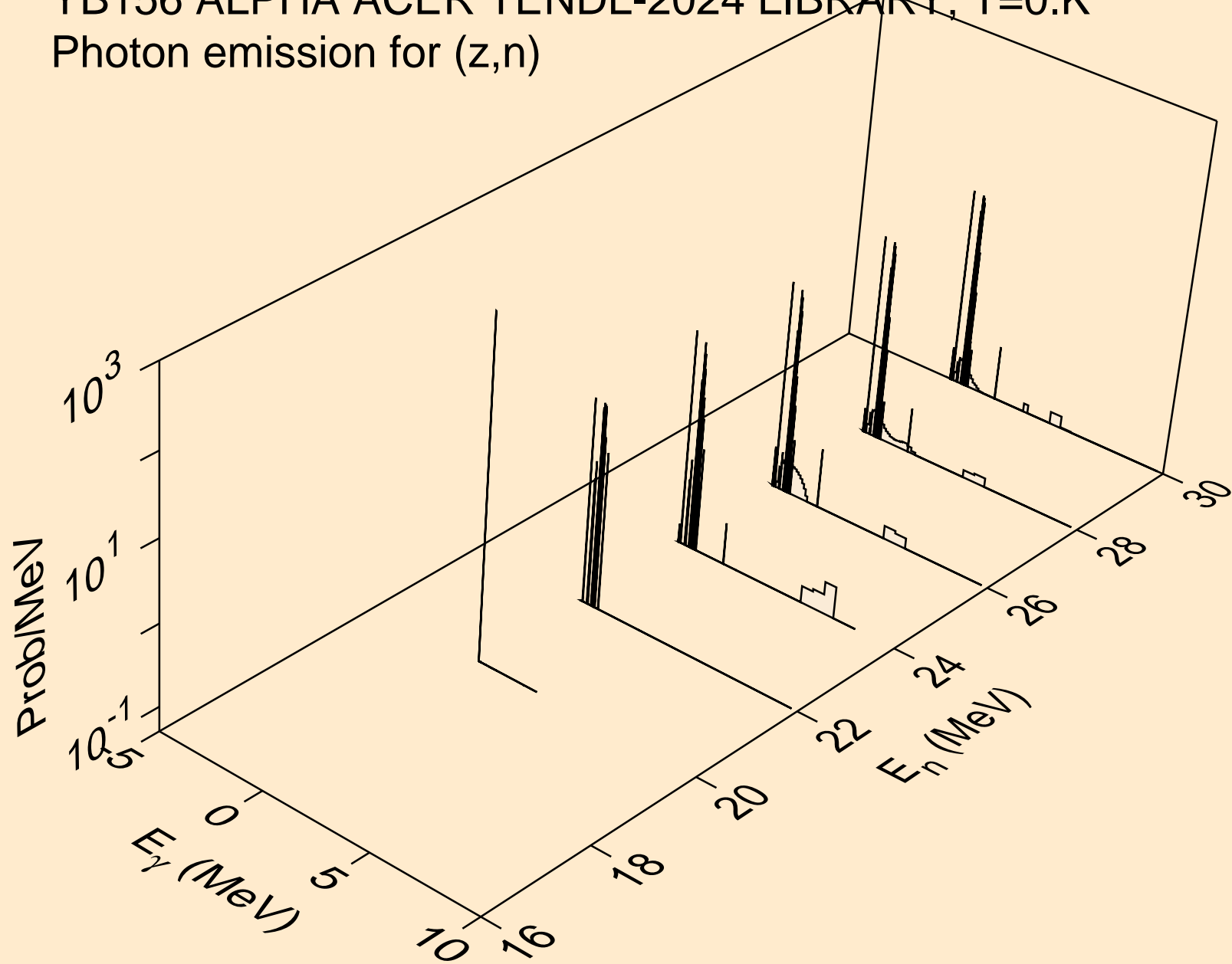
Alpha emission for (a,pa)



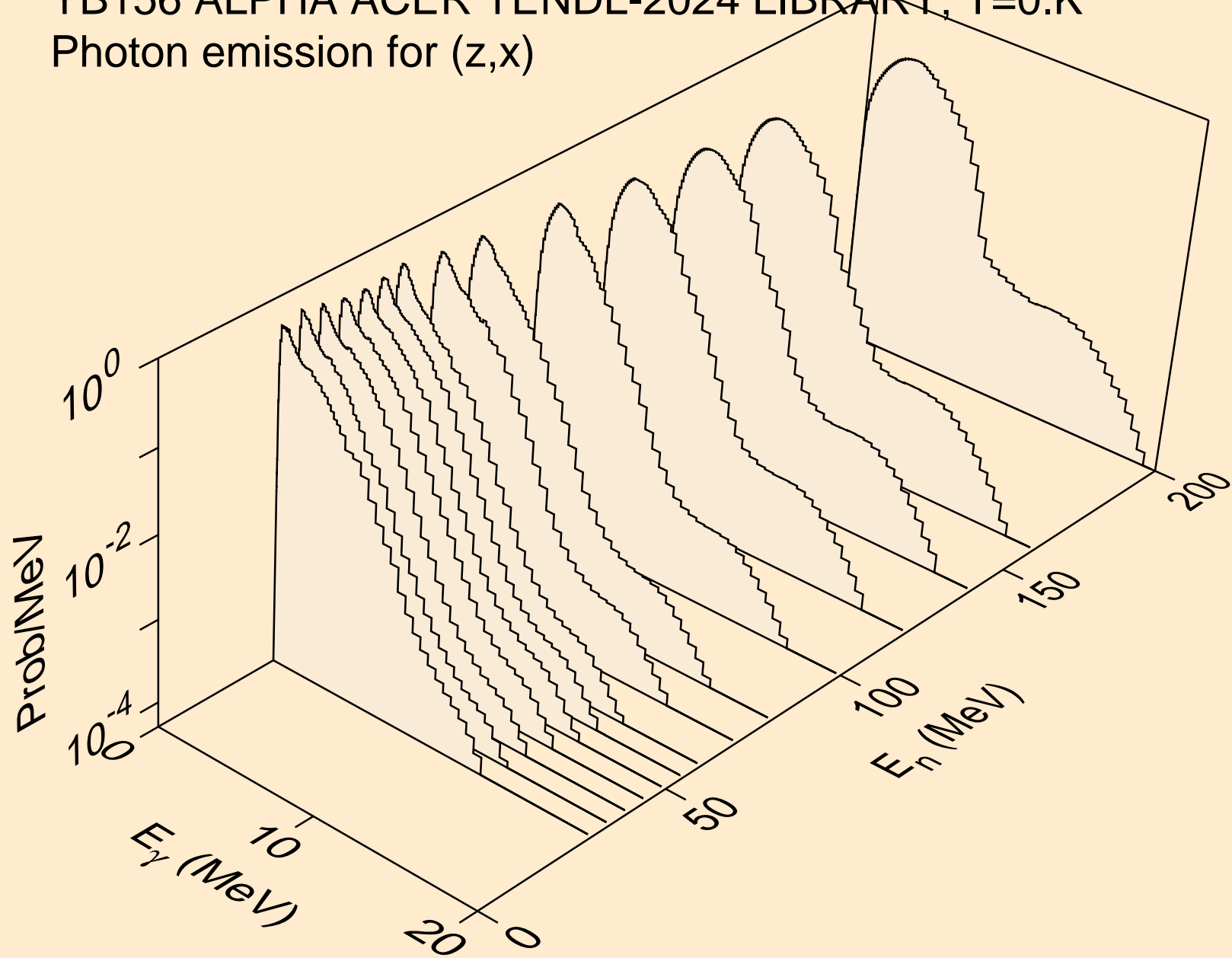
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,da)



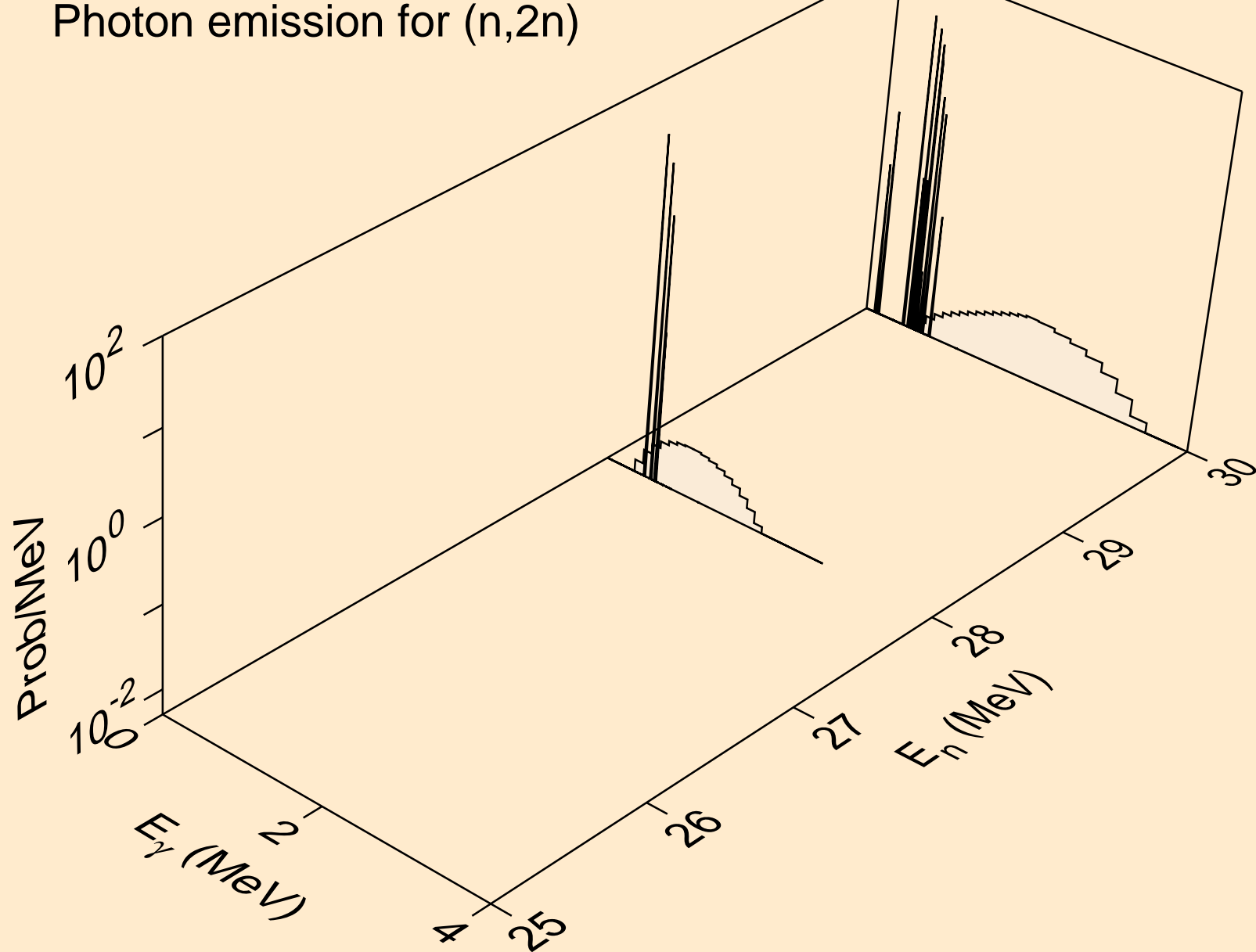
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



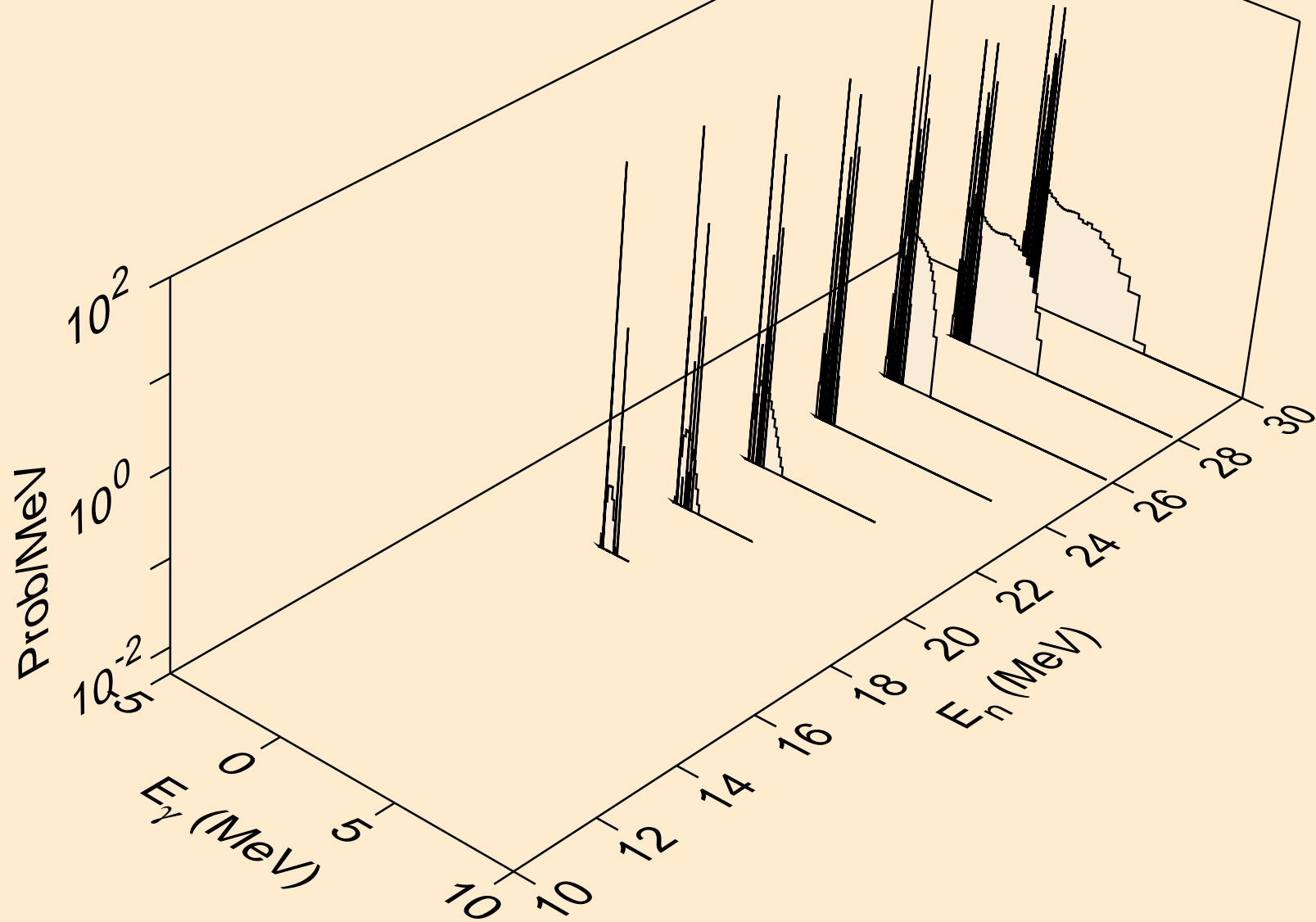
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



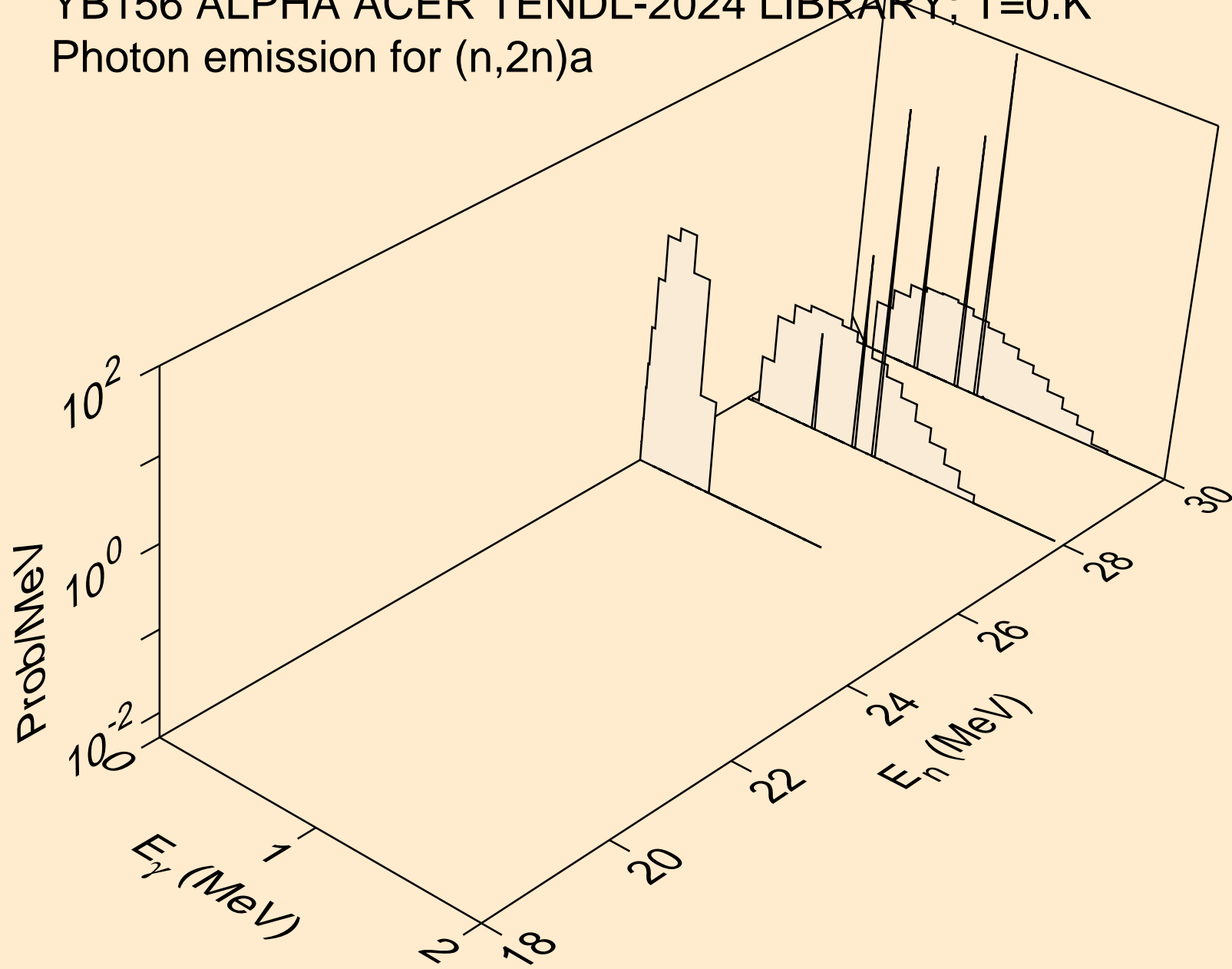
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



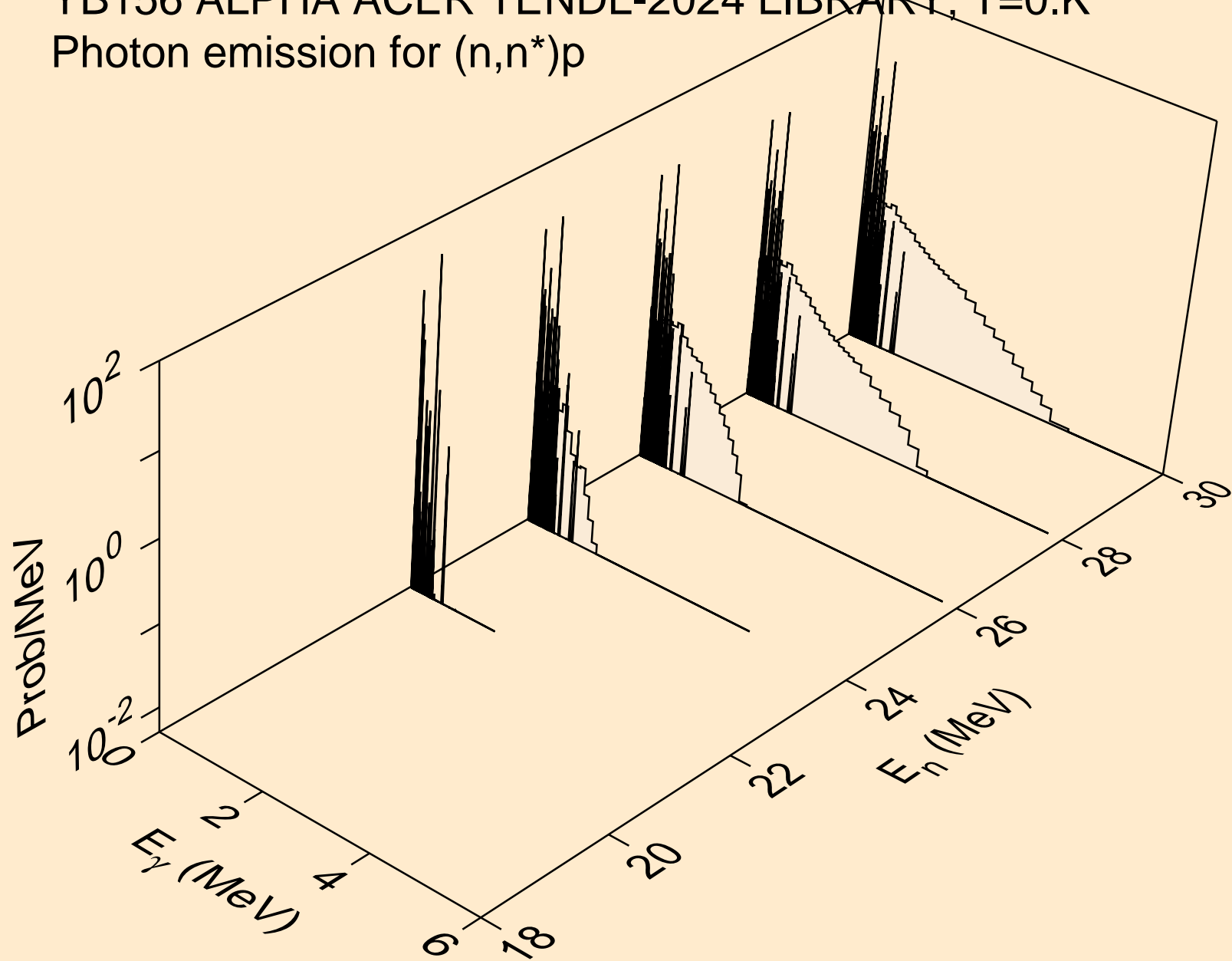
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



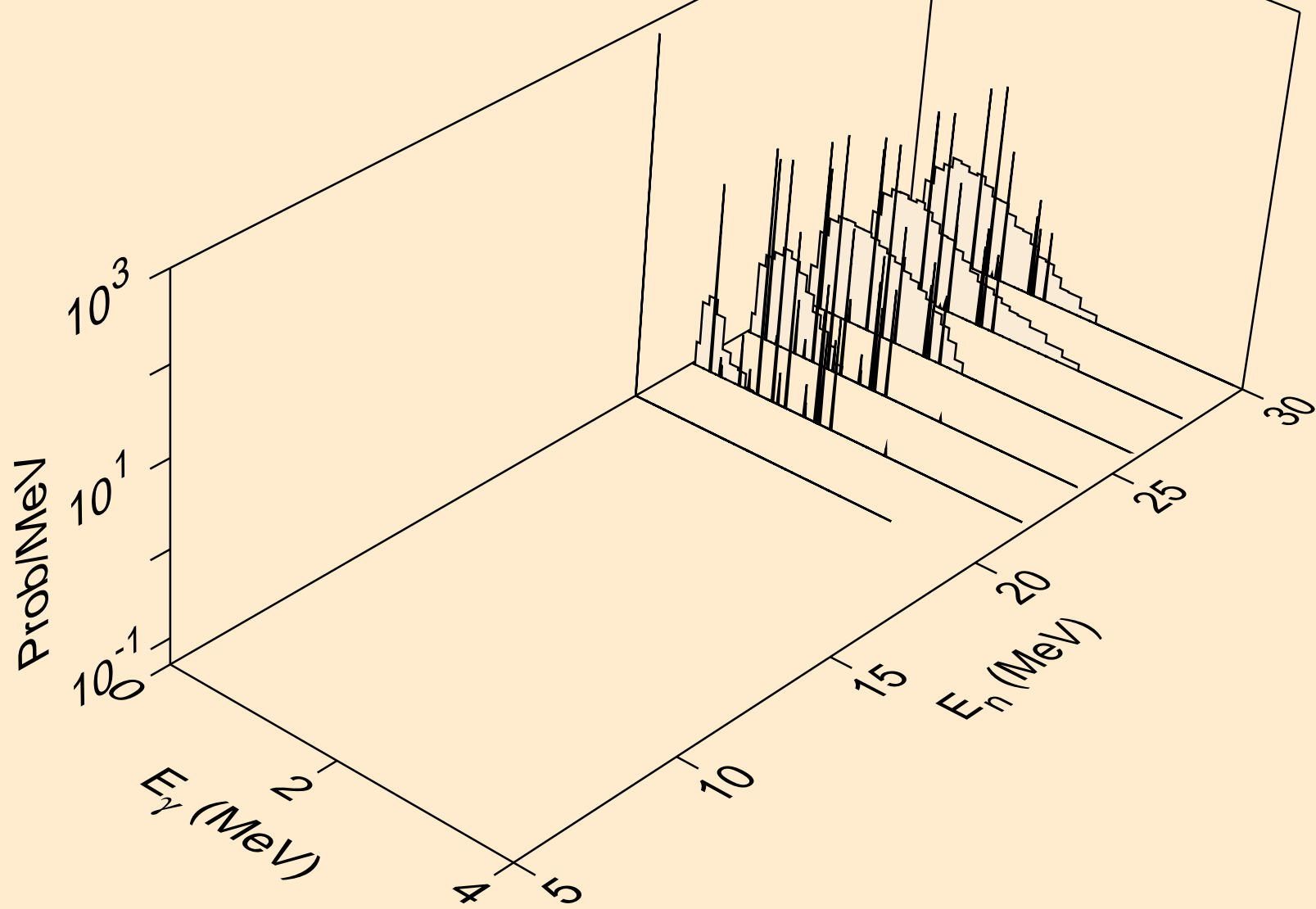
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



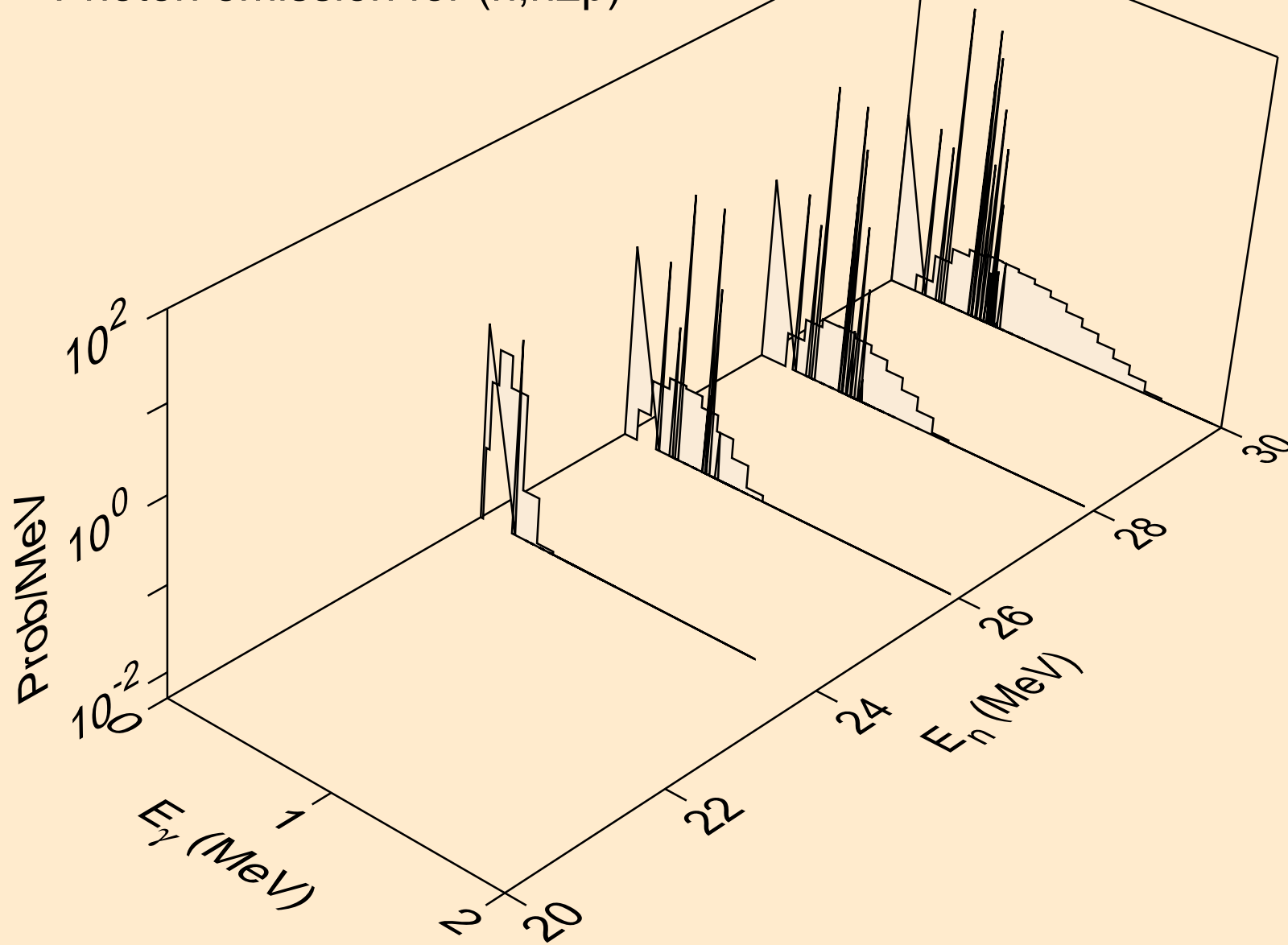
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



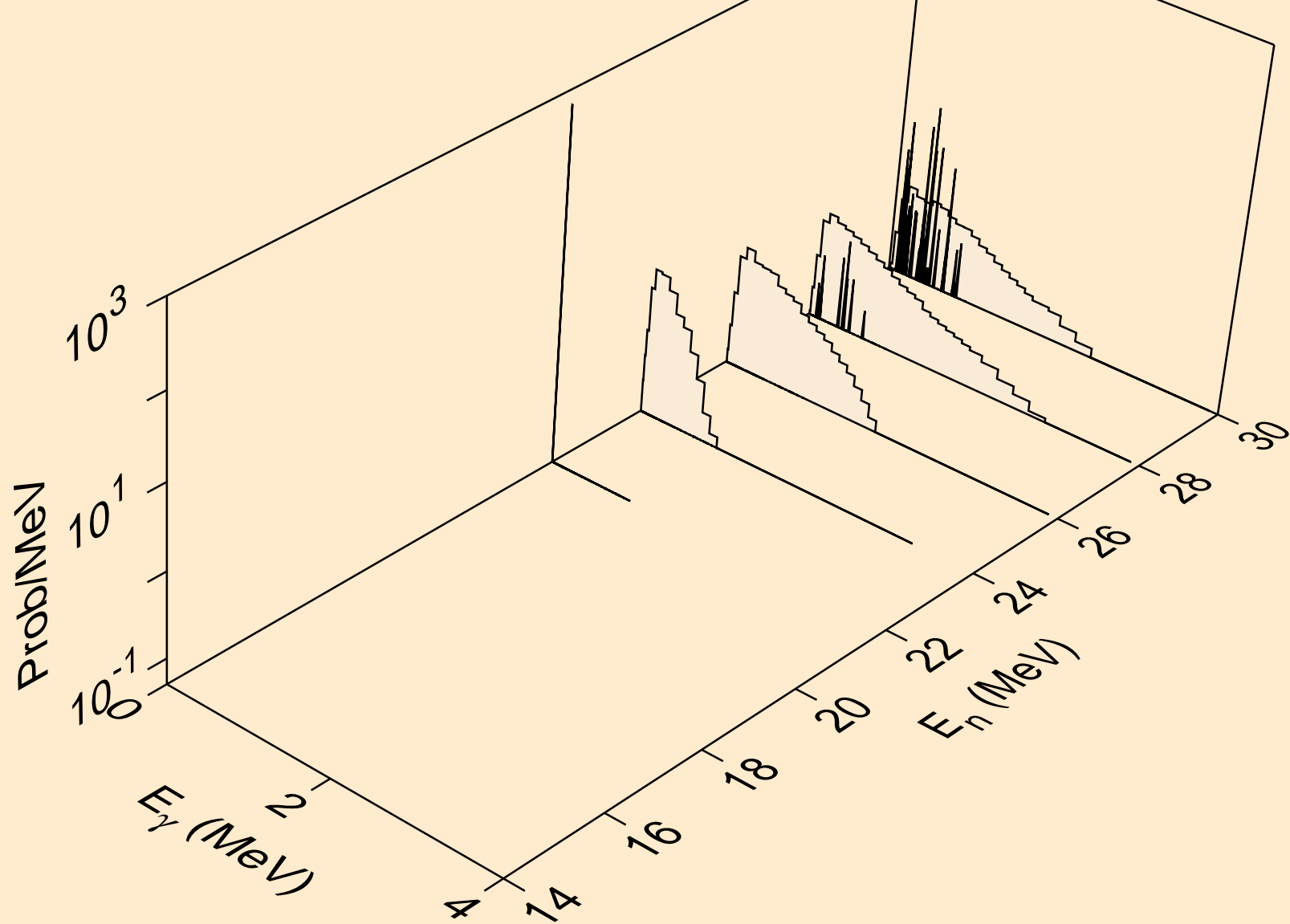
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



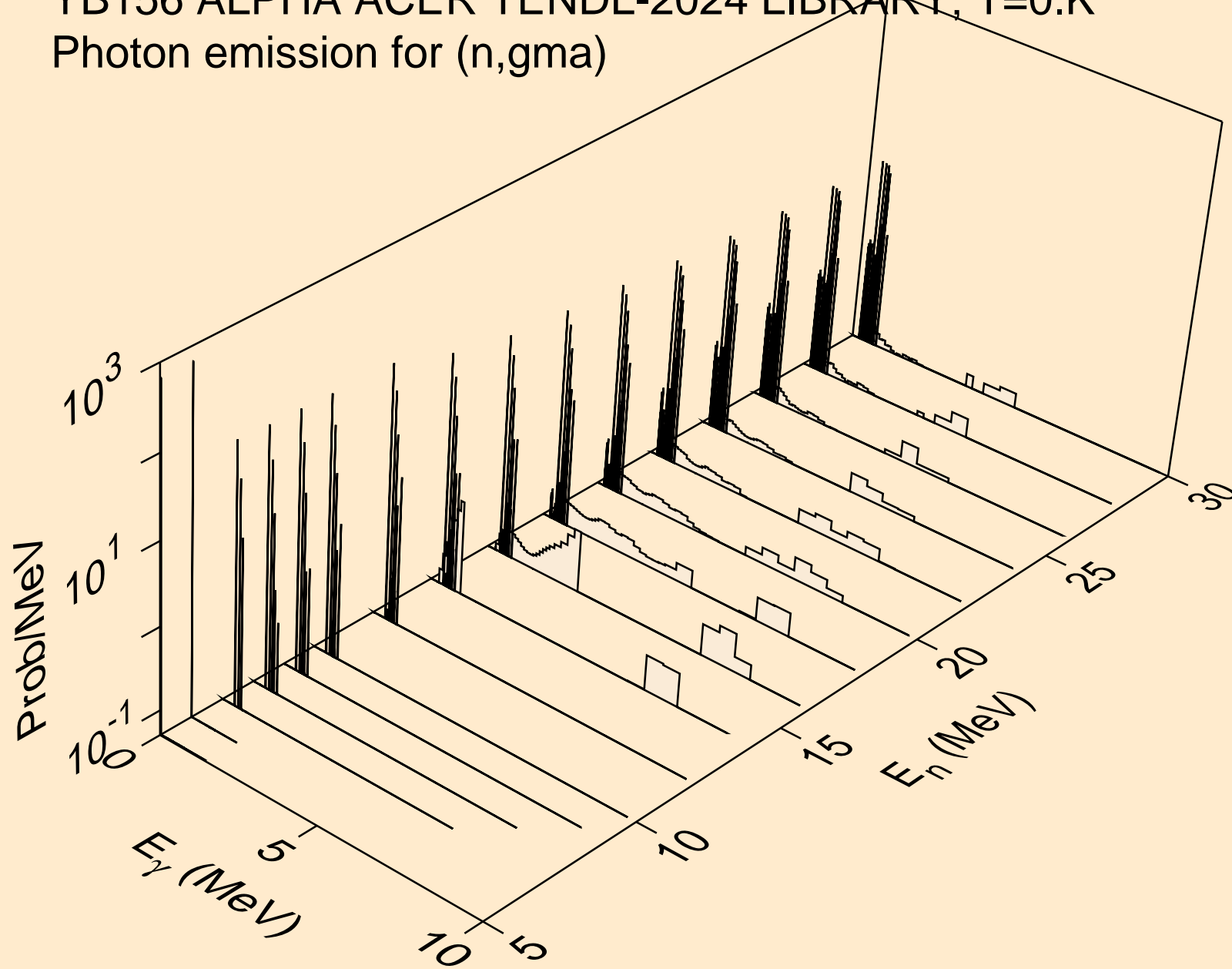
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



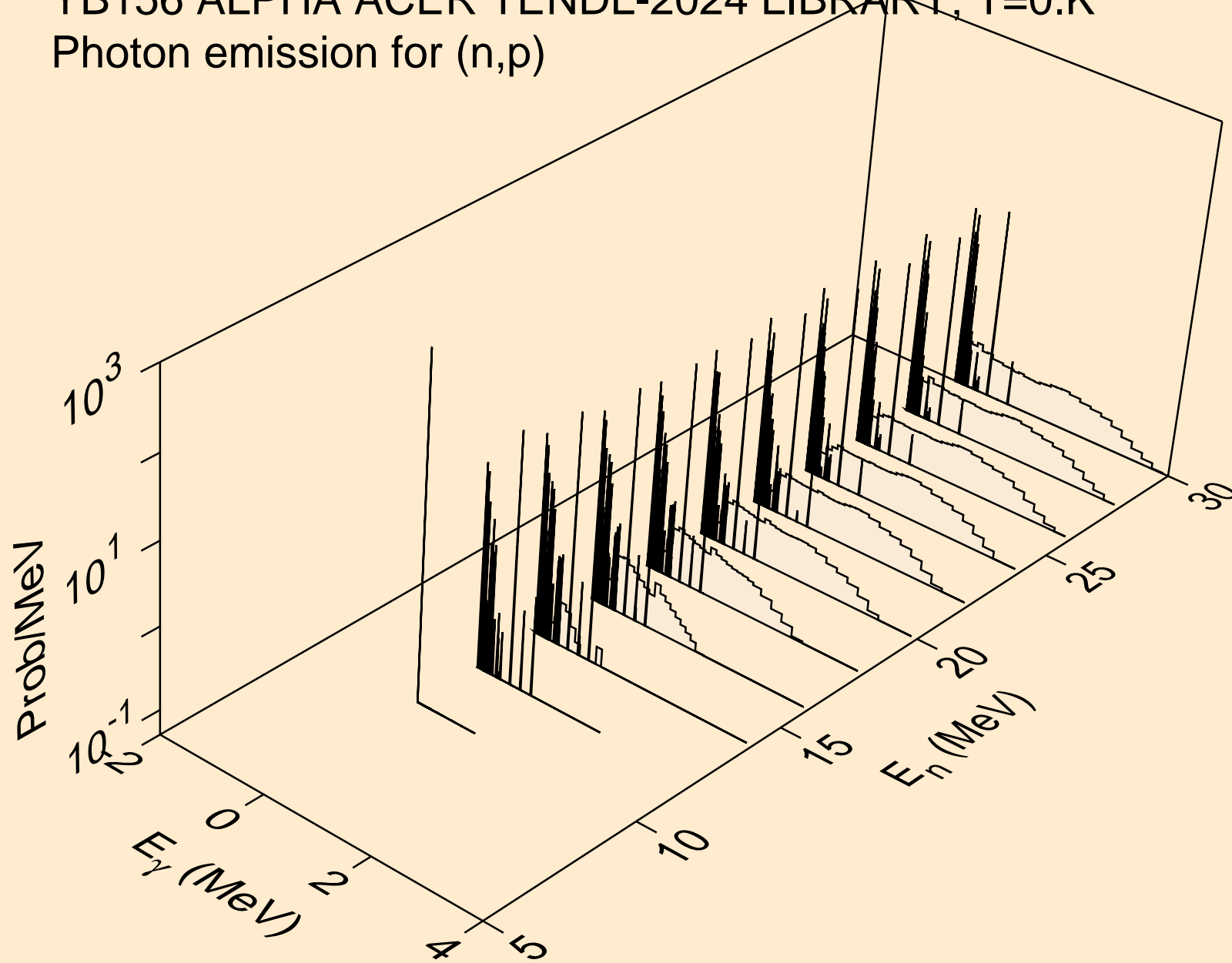
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



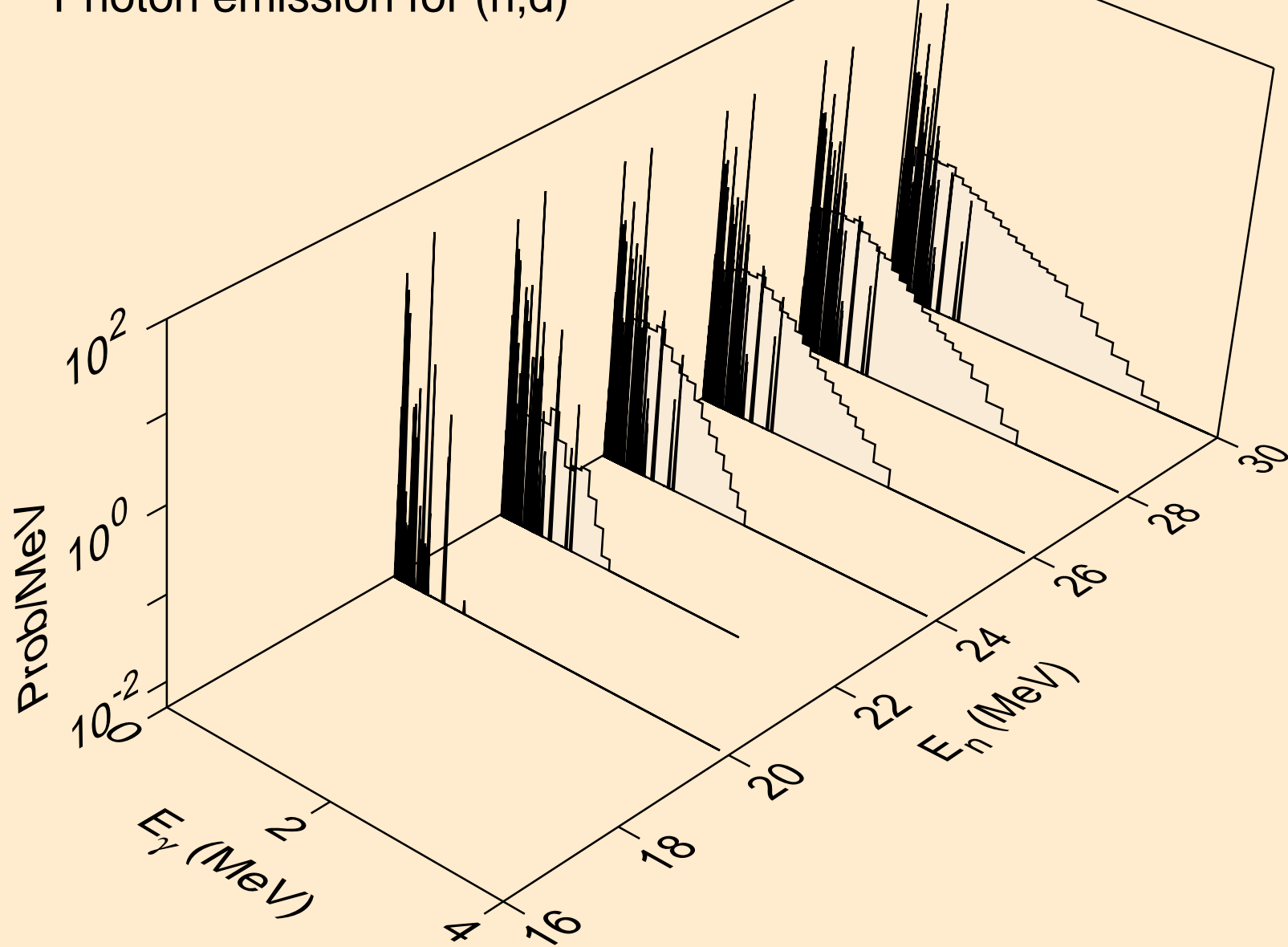
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



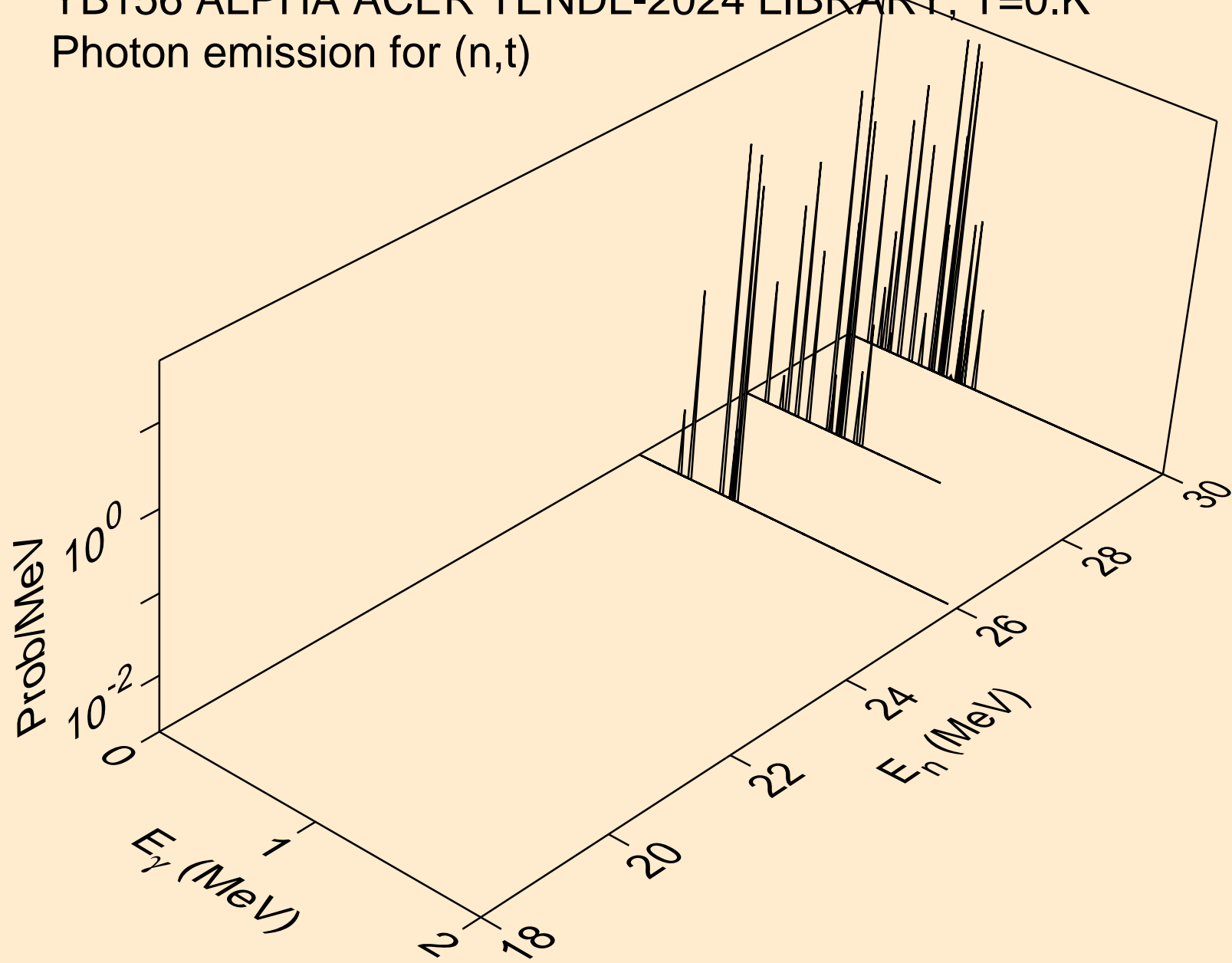
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



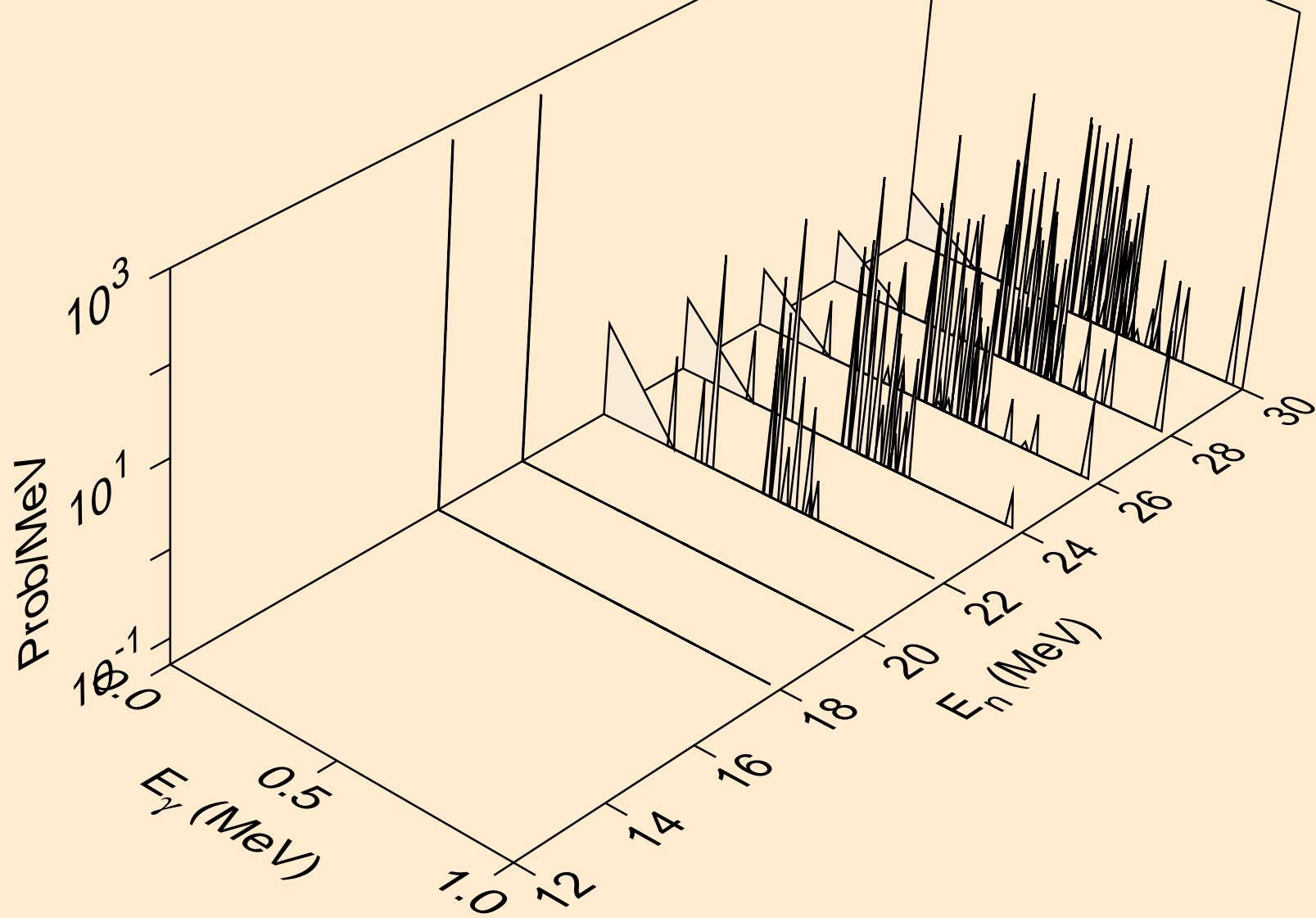
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



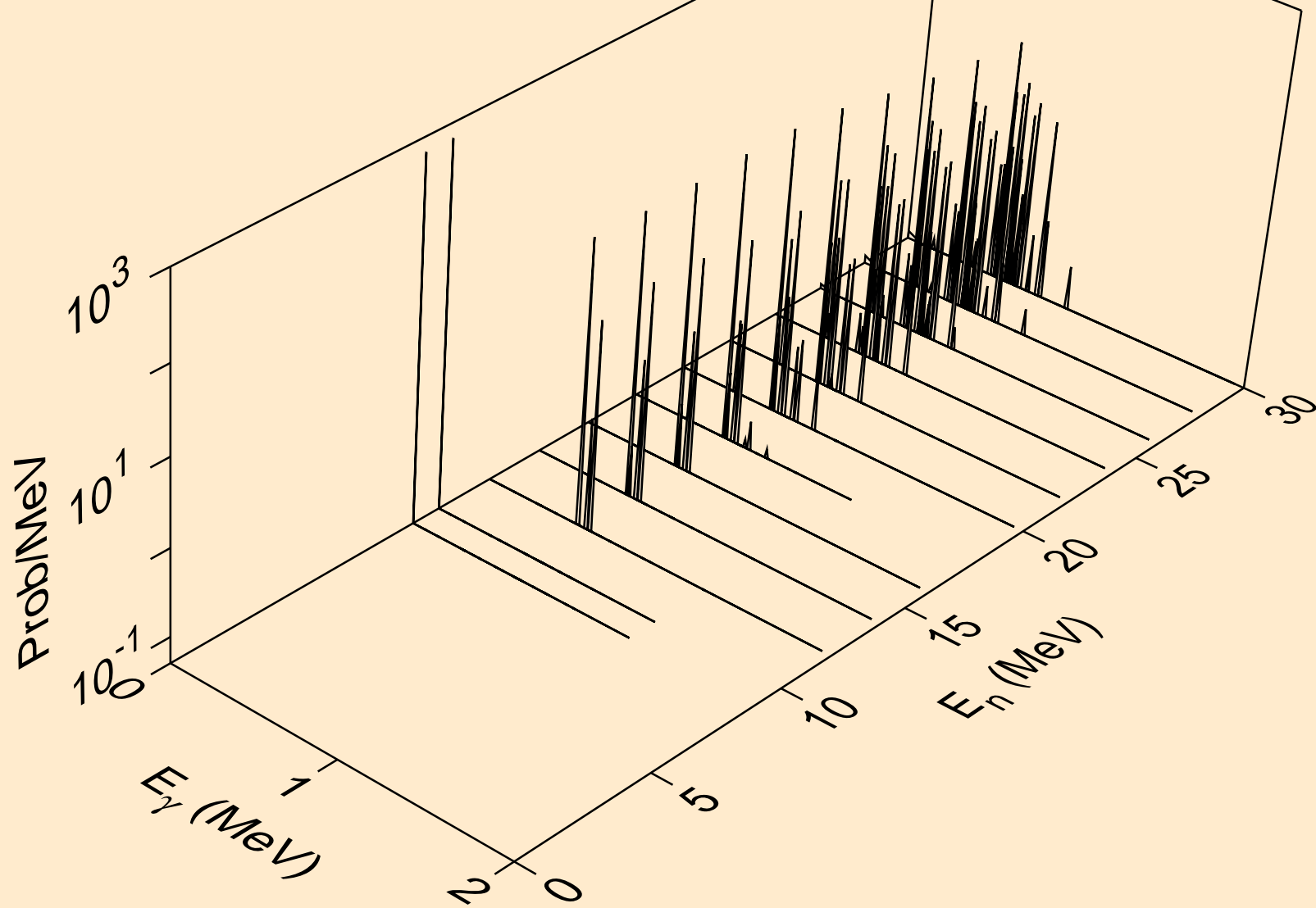
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



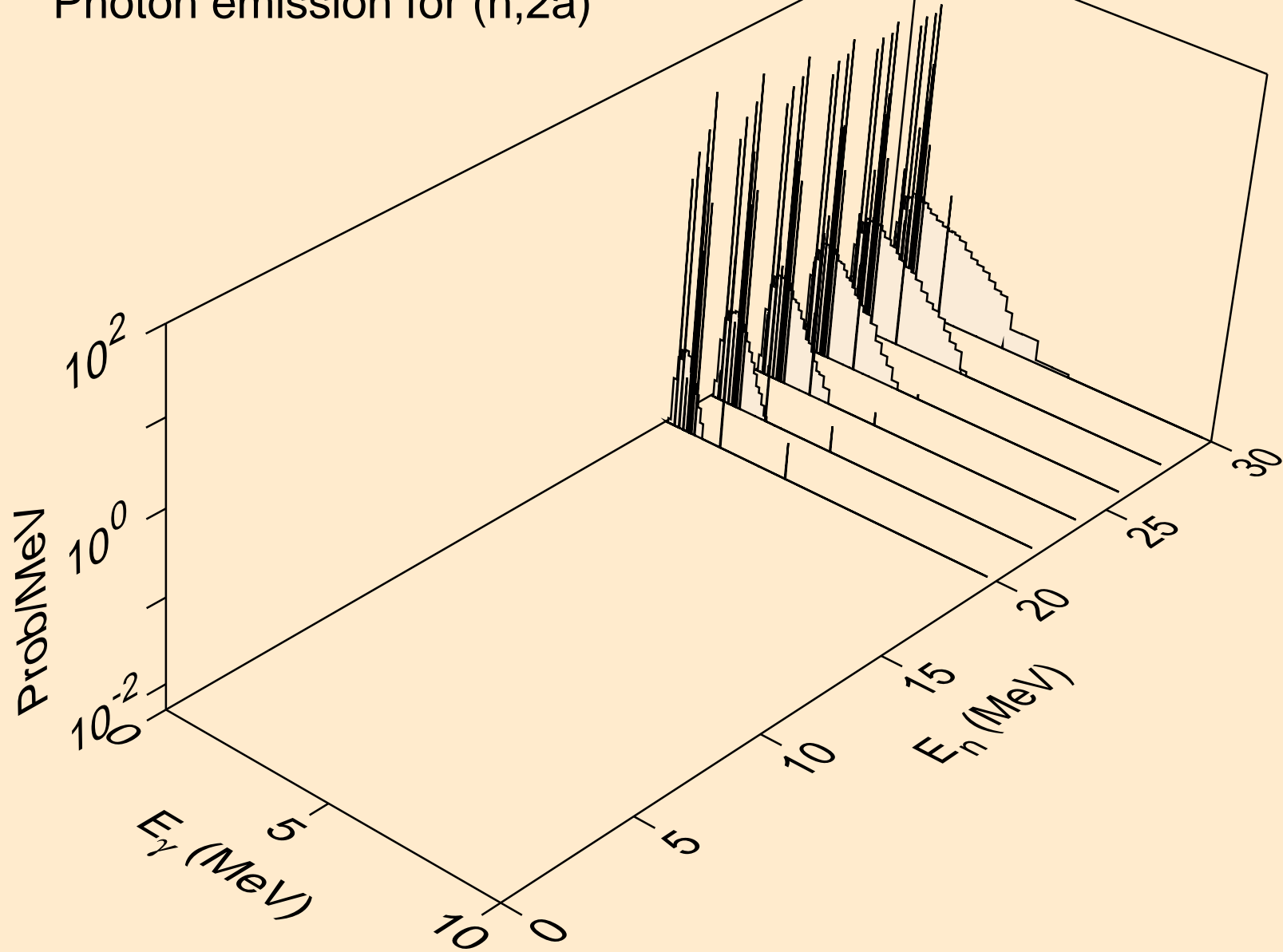
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



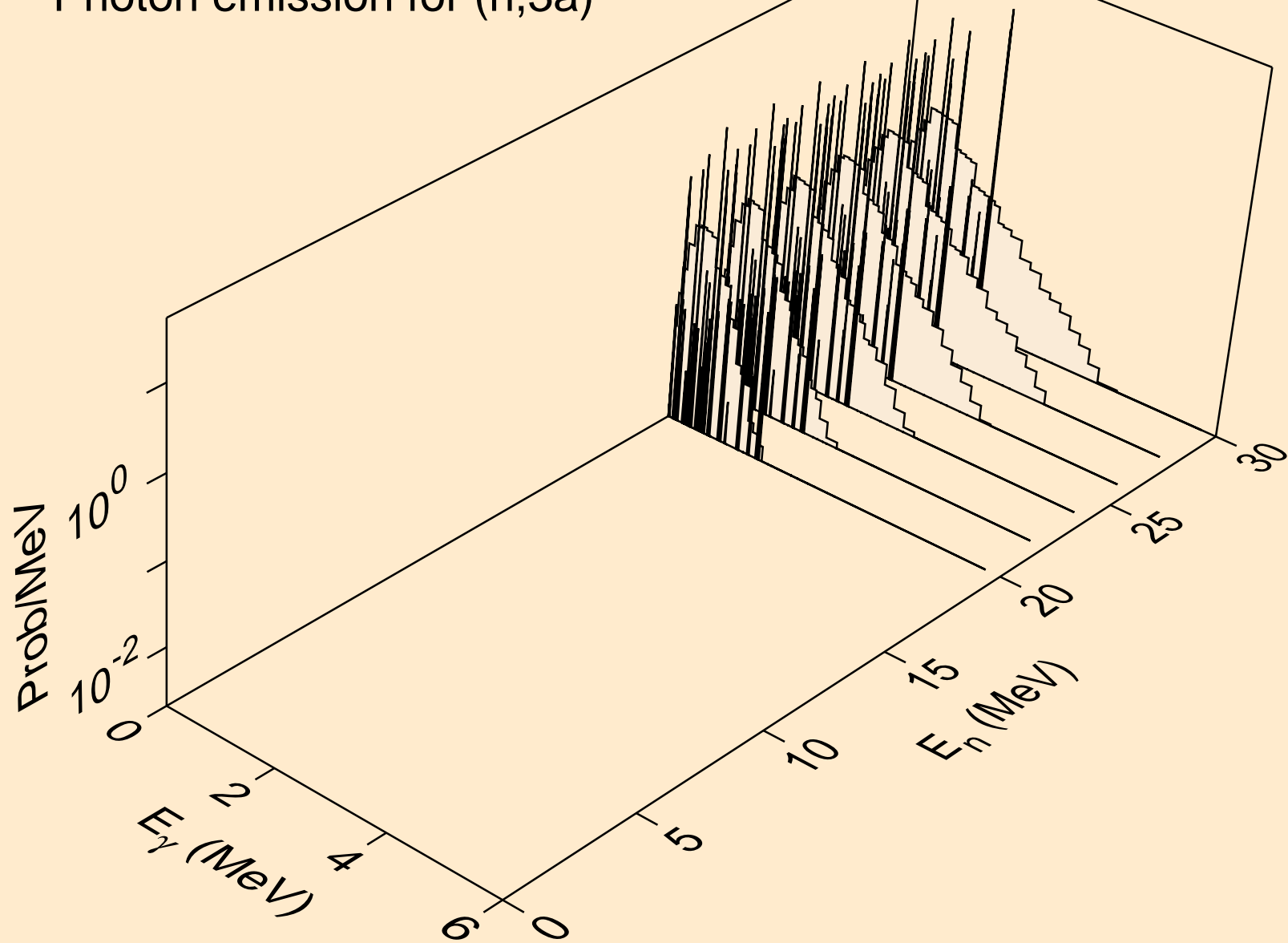
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



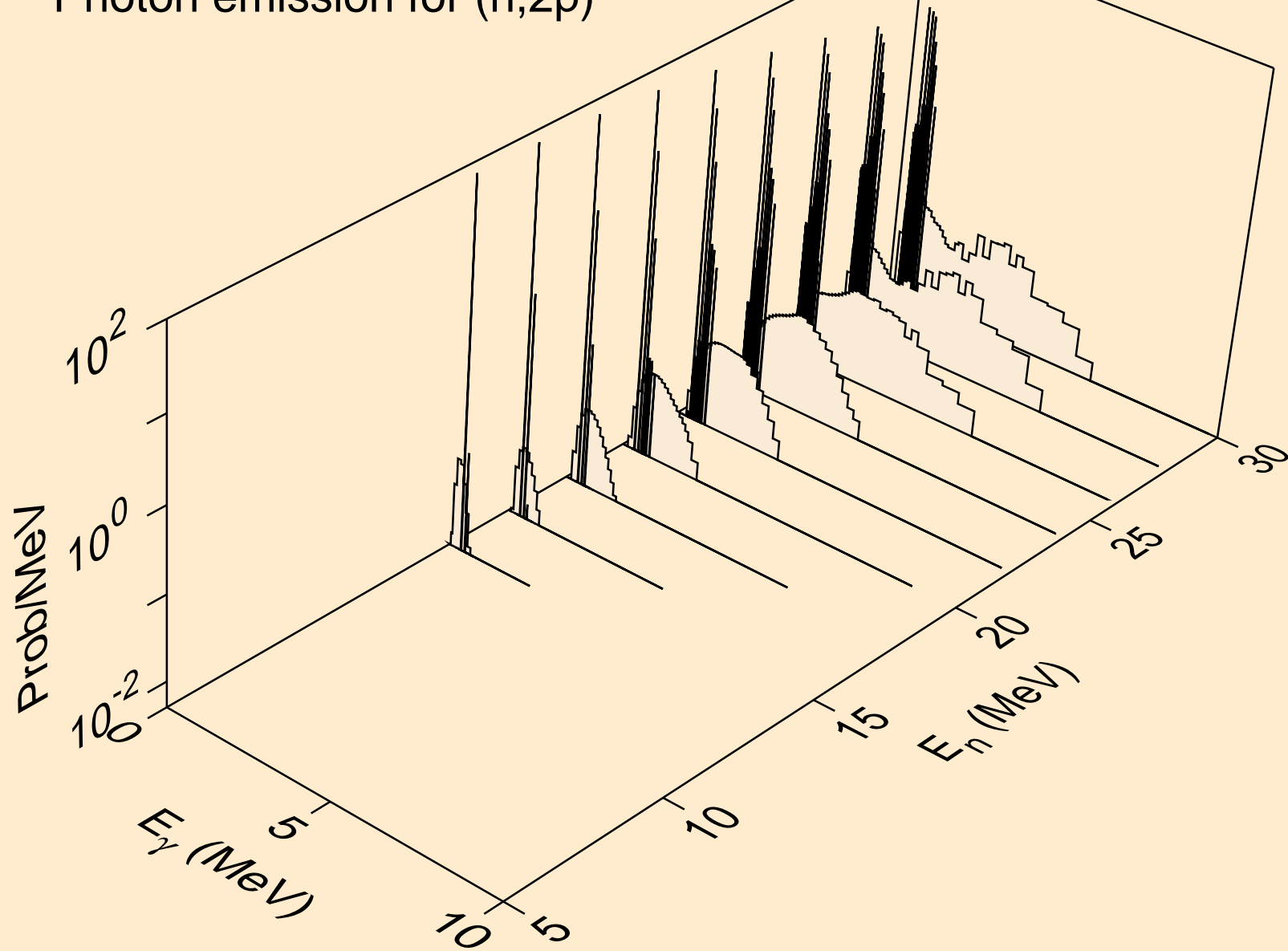
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



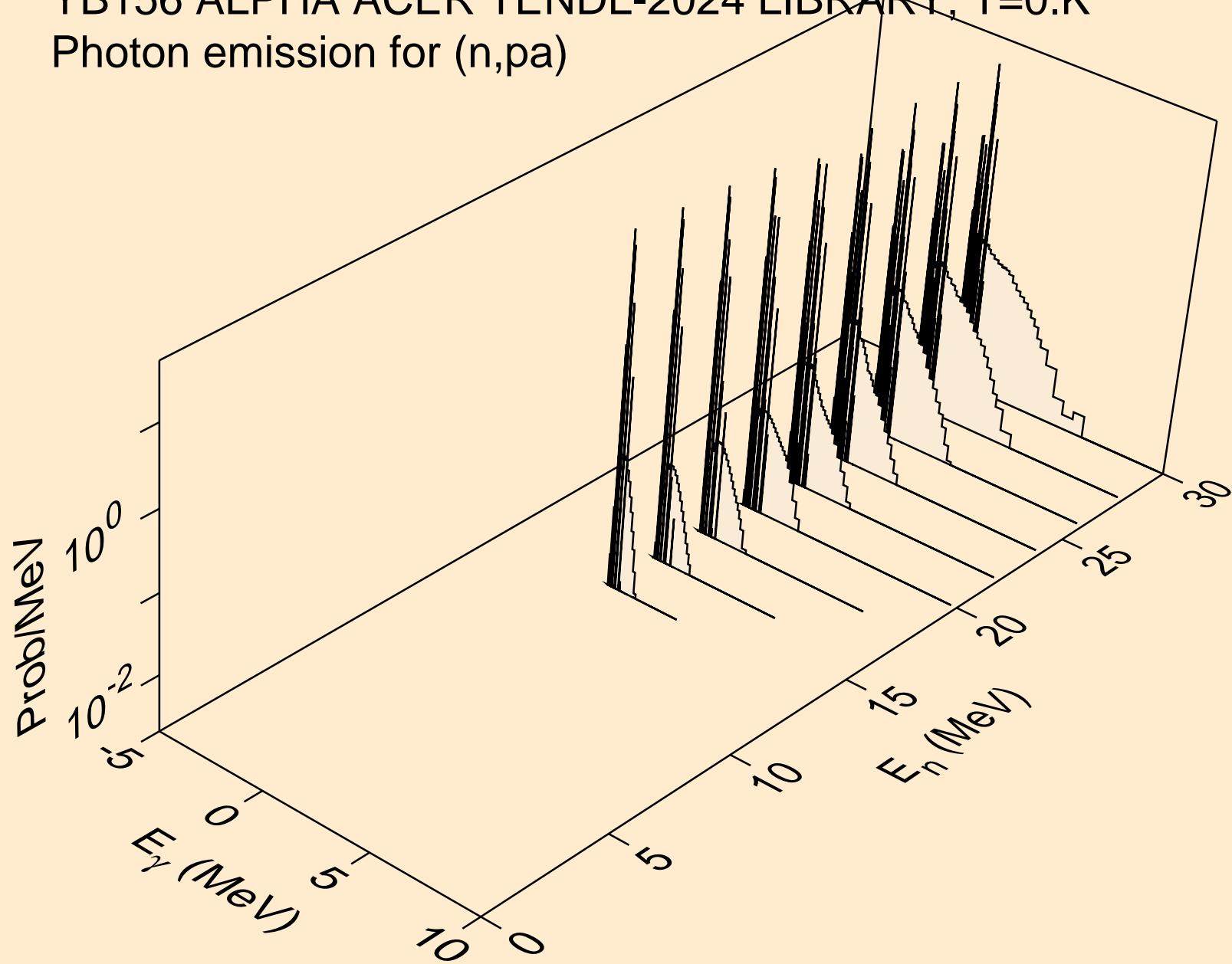
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



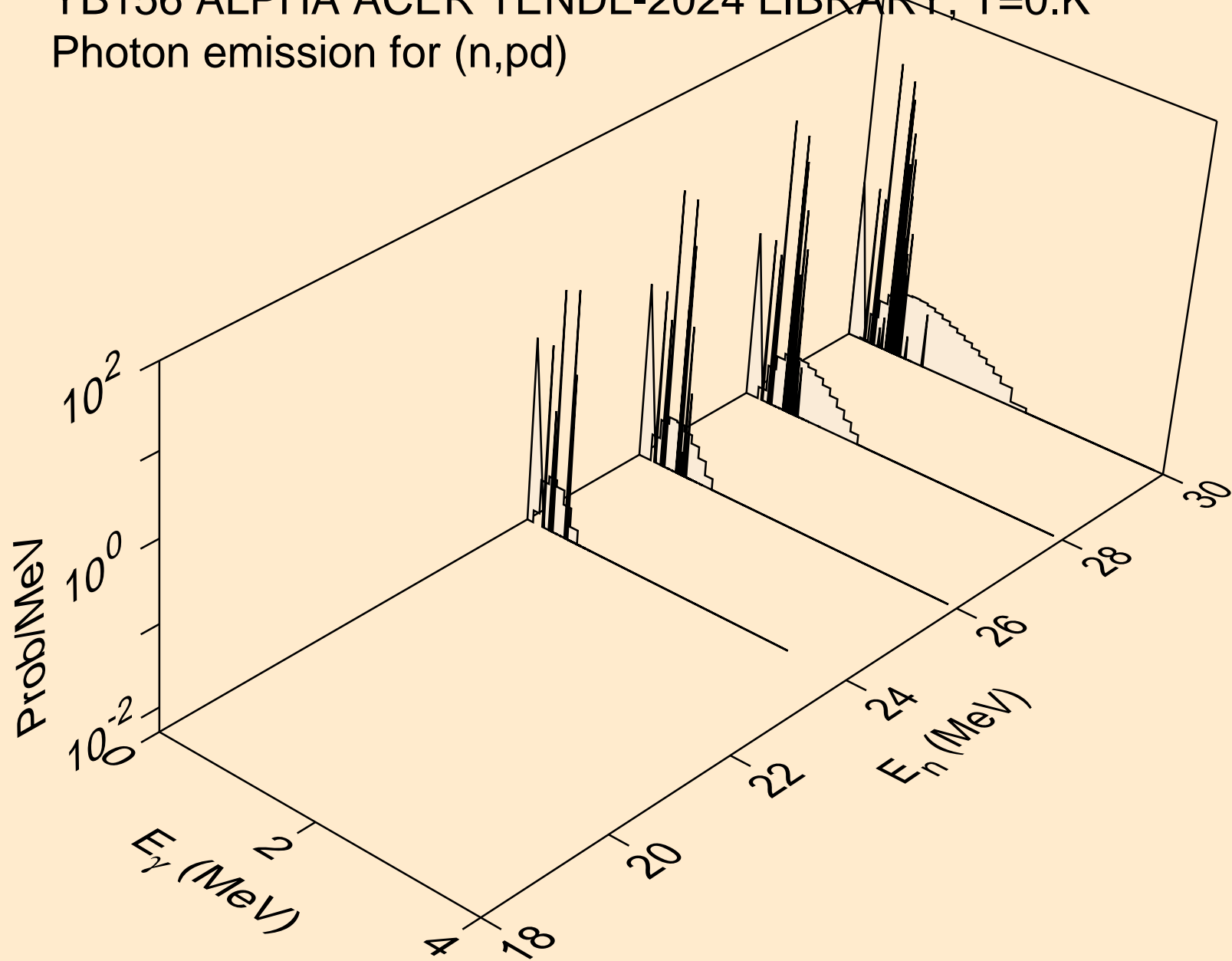
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



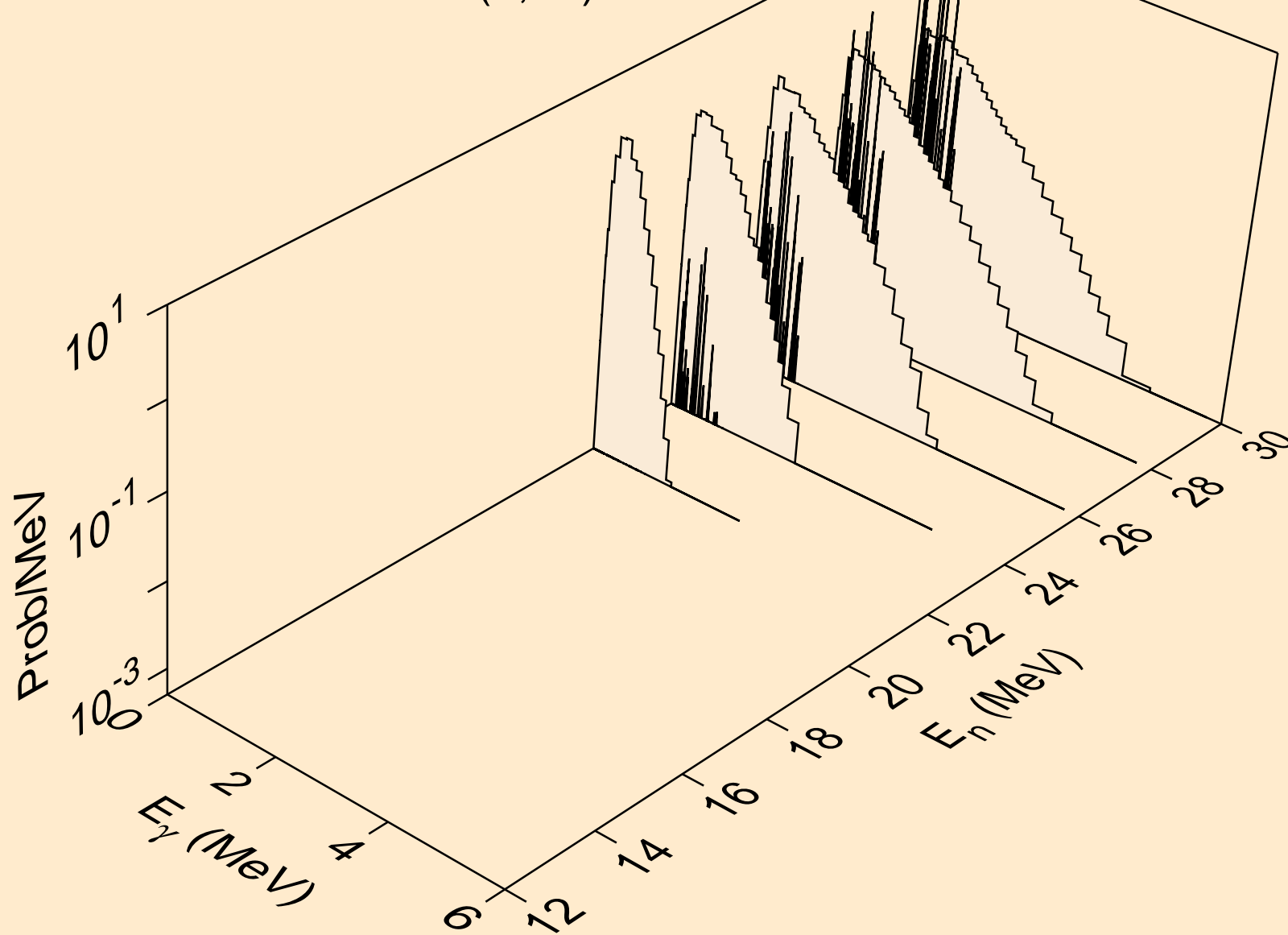
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

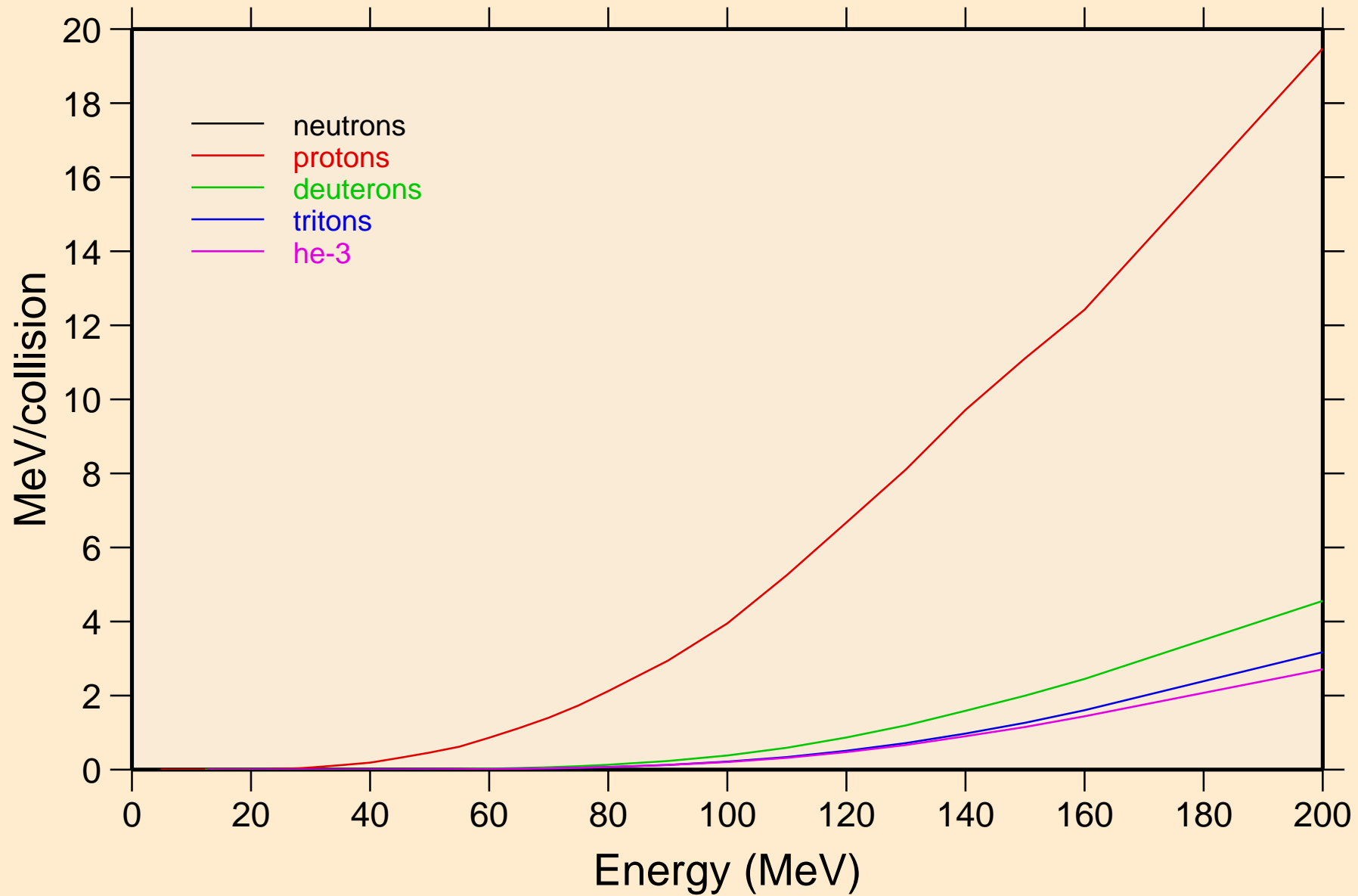


YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

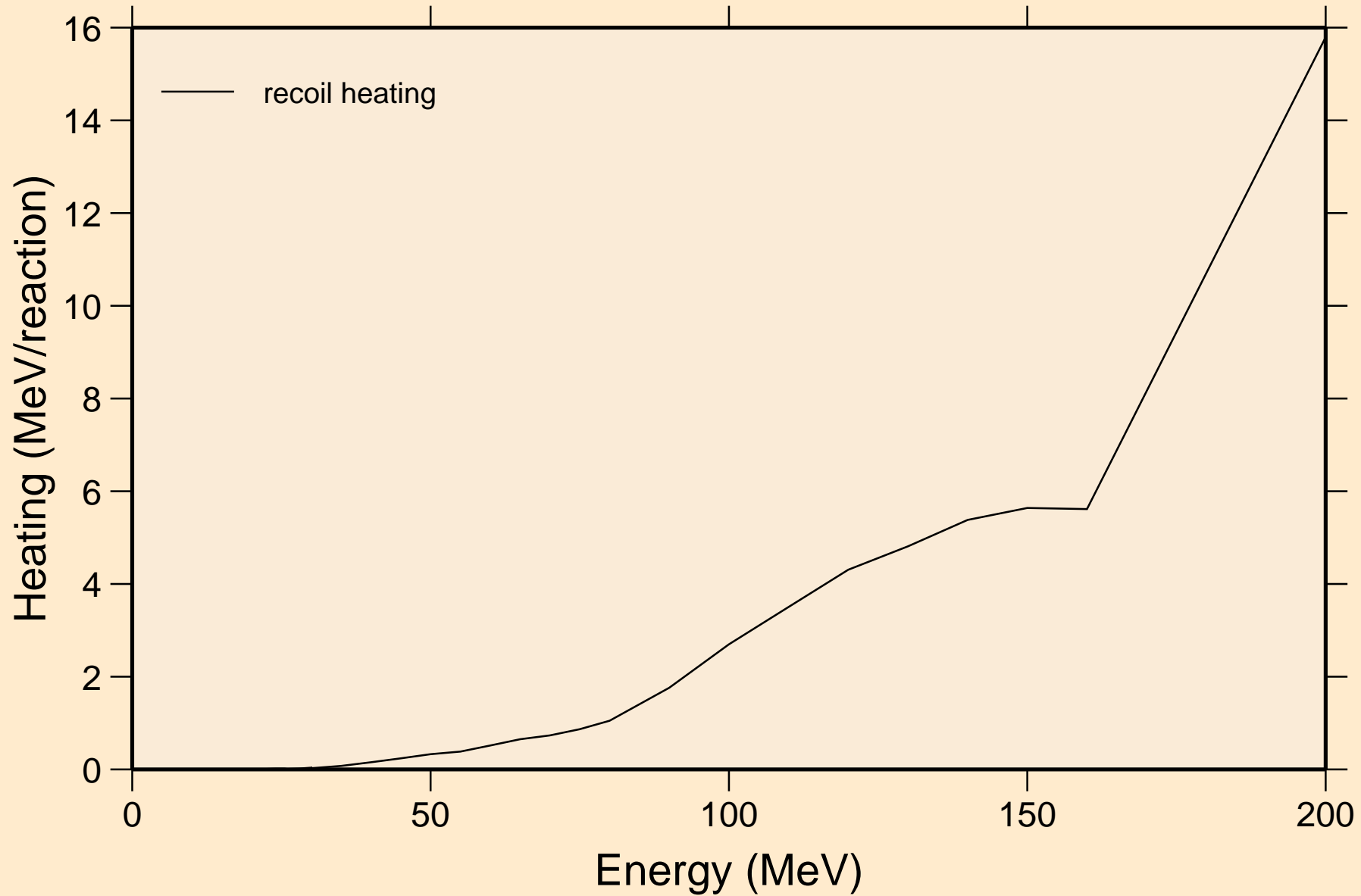


# YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

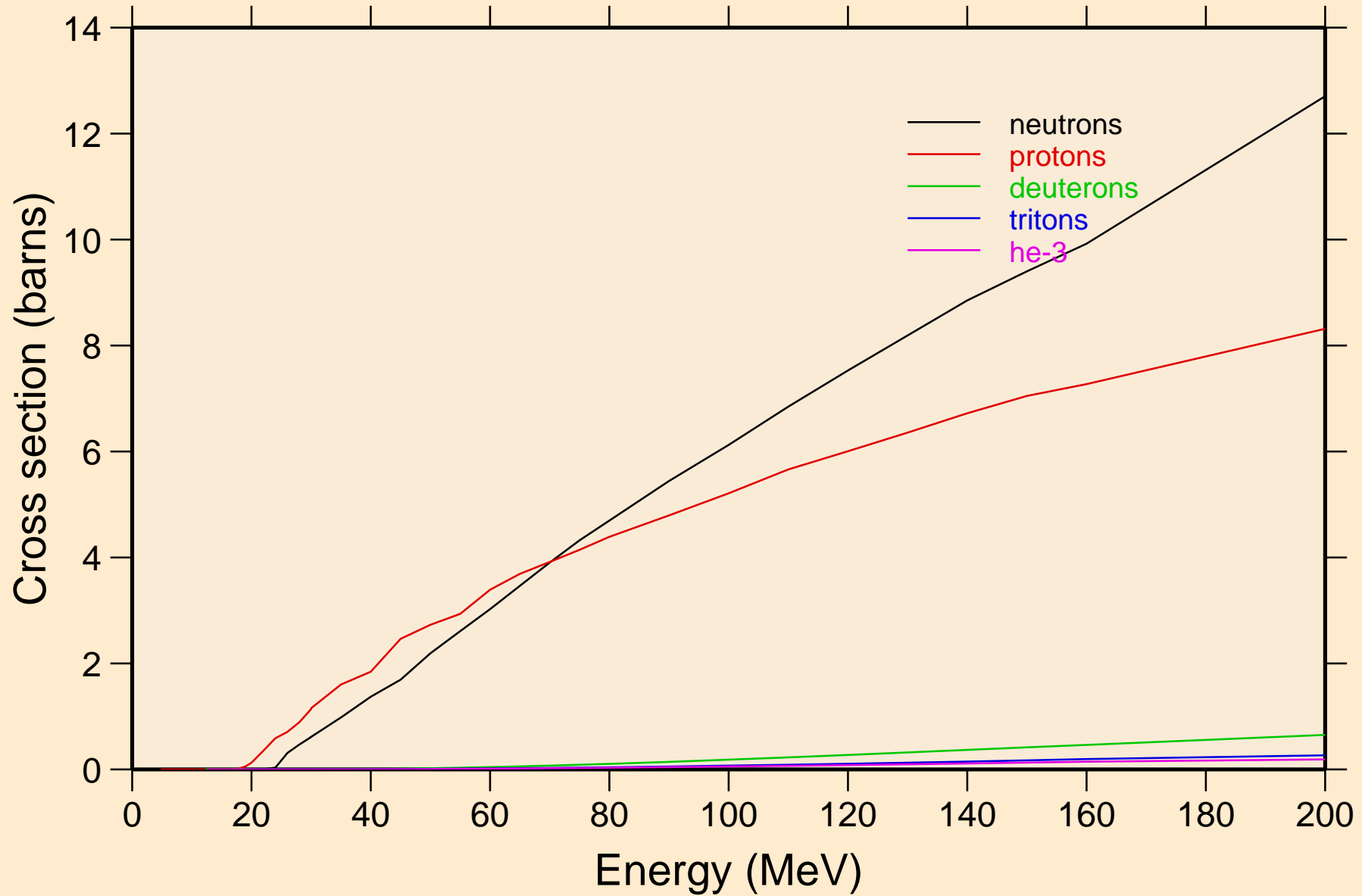
## Particle heating contributions



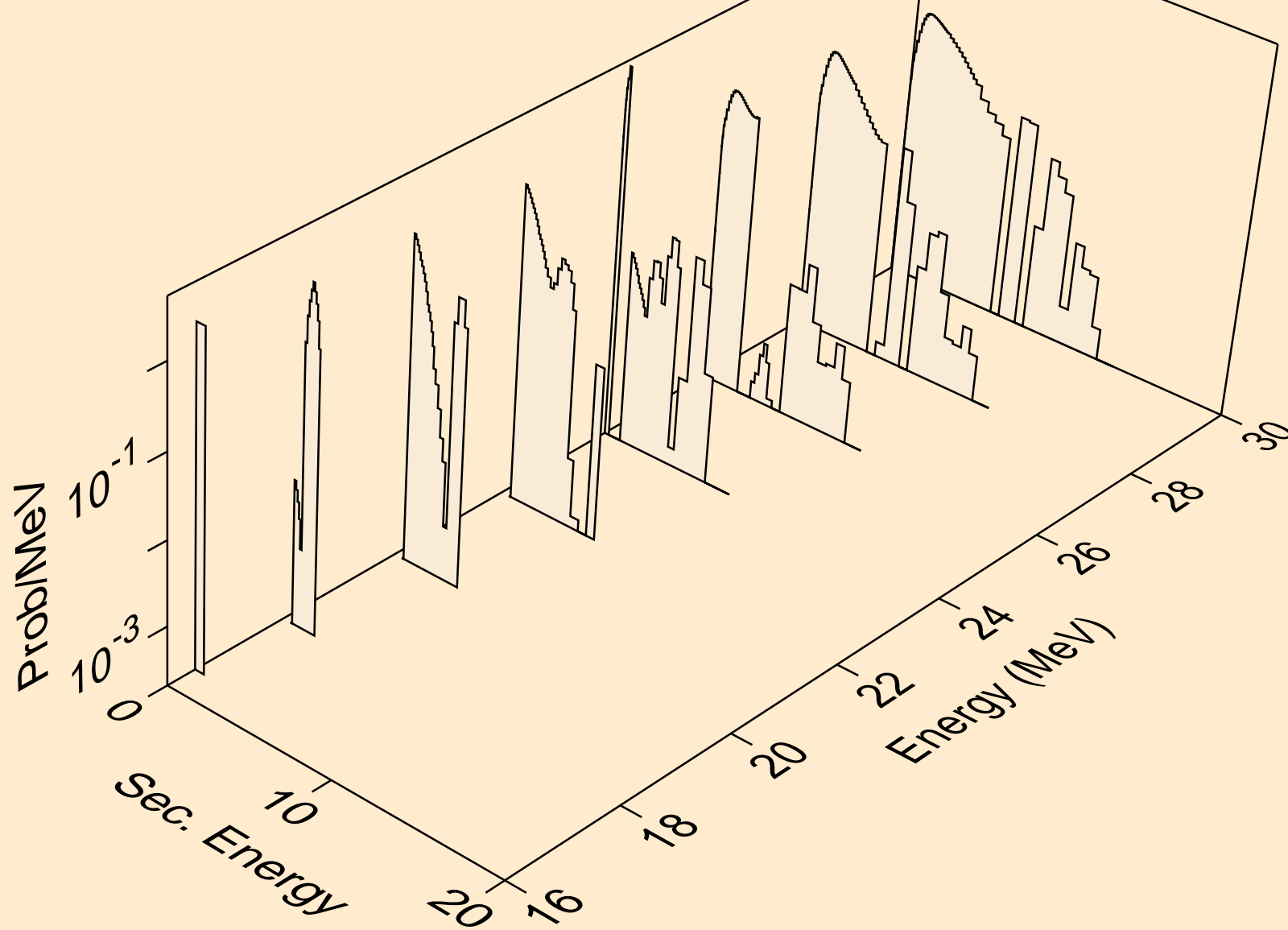
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



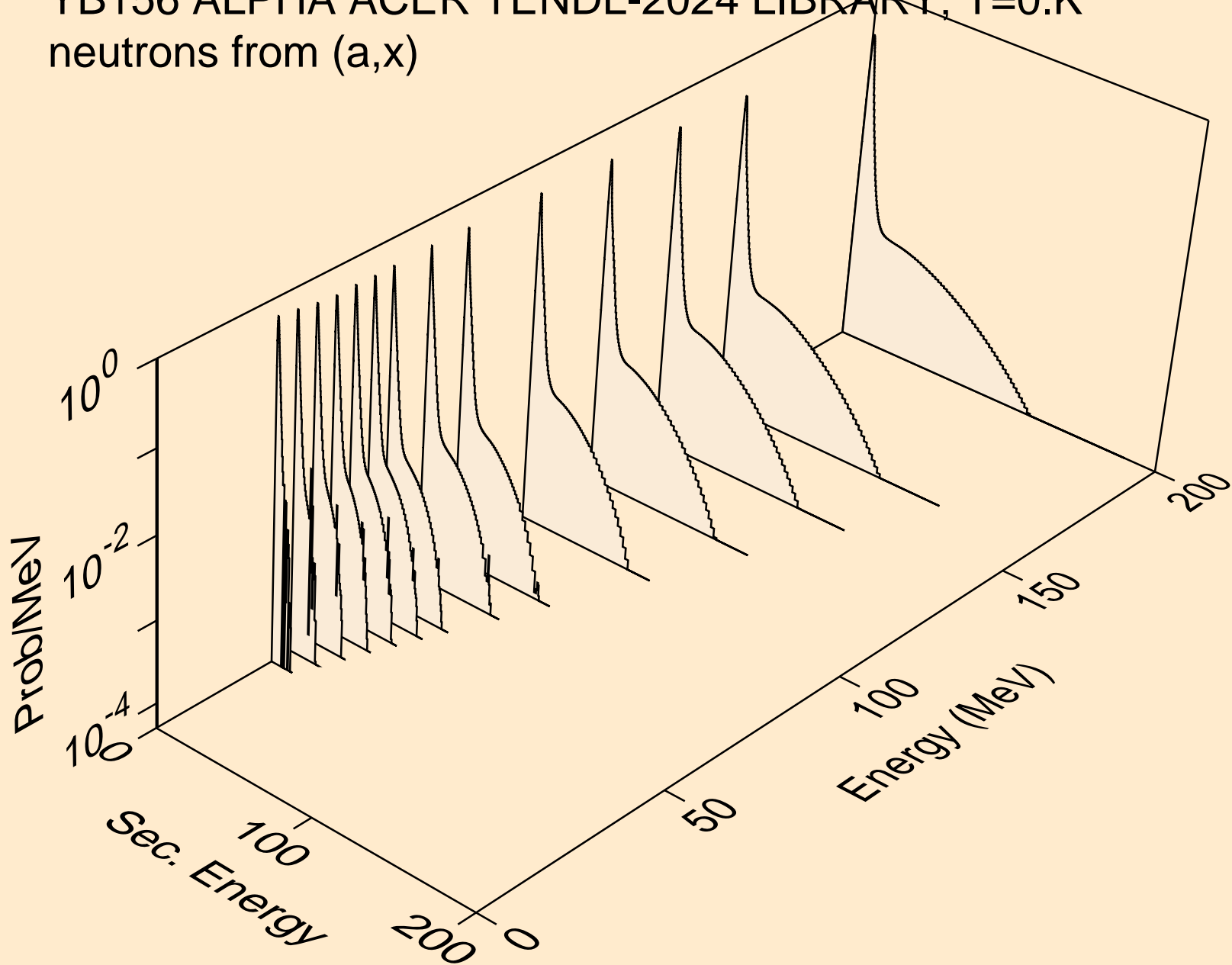
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



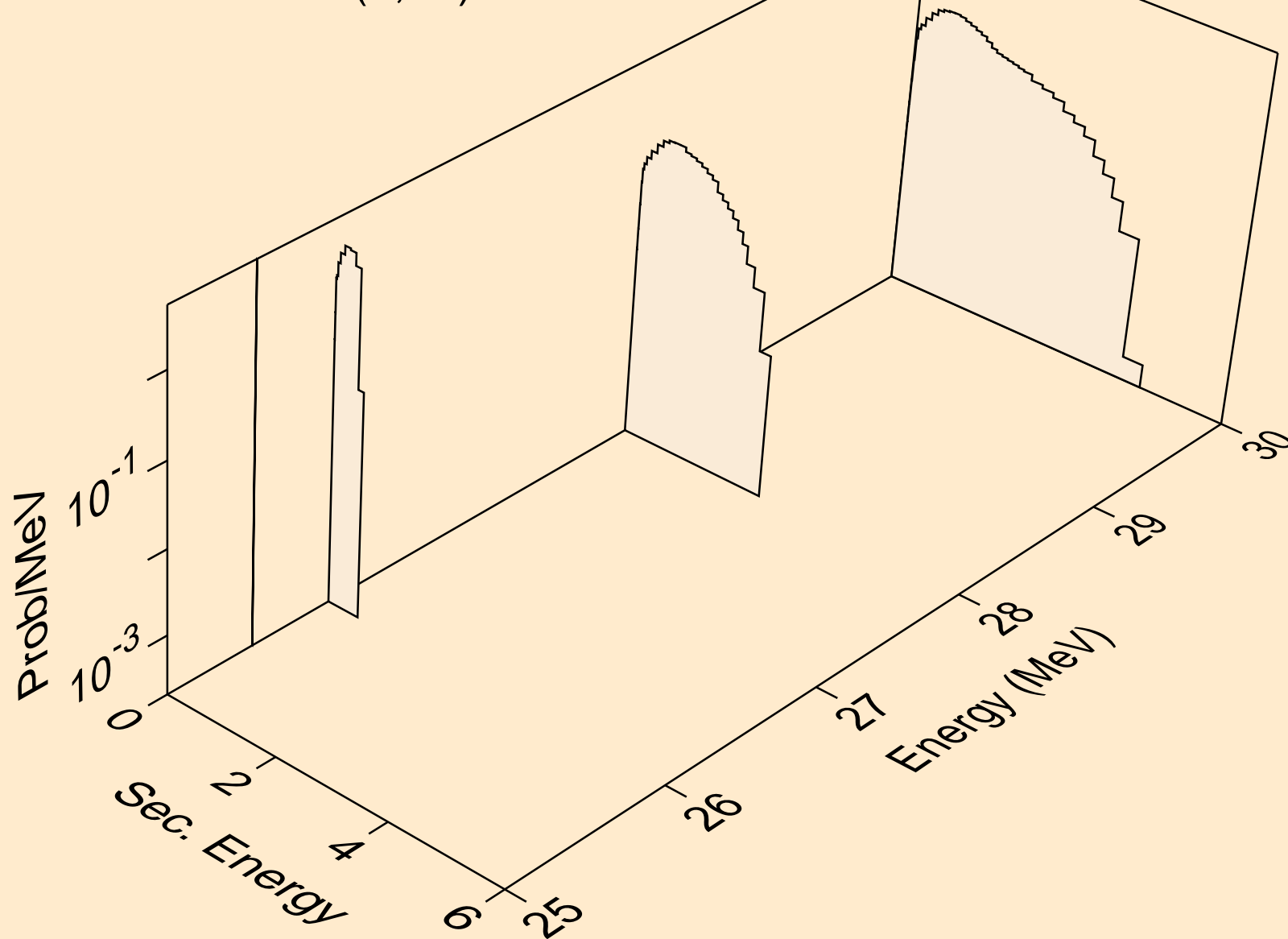
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



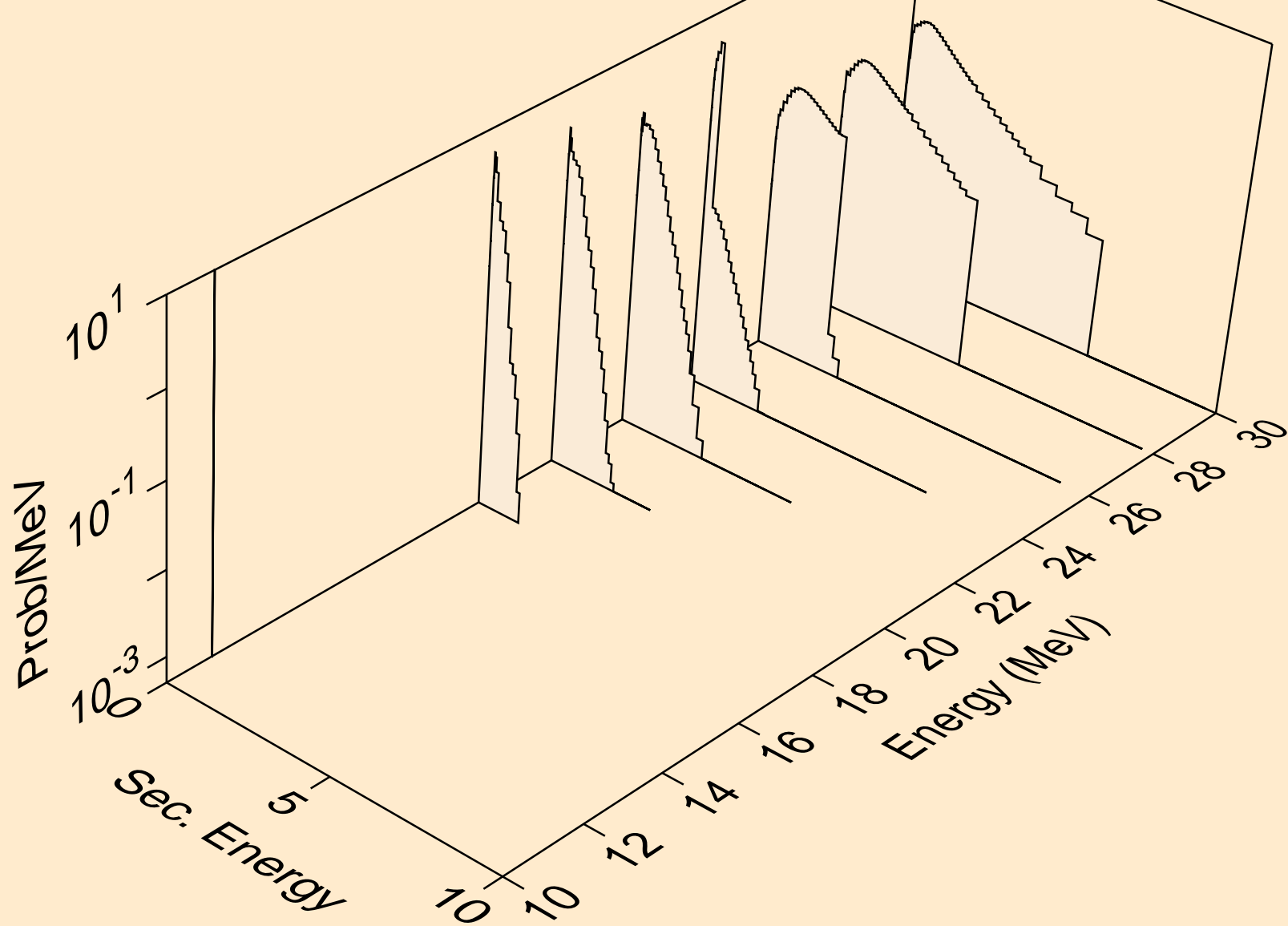
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



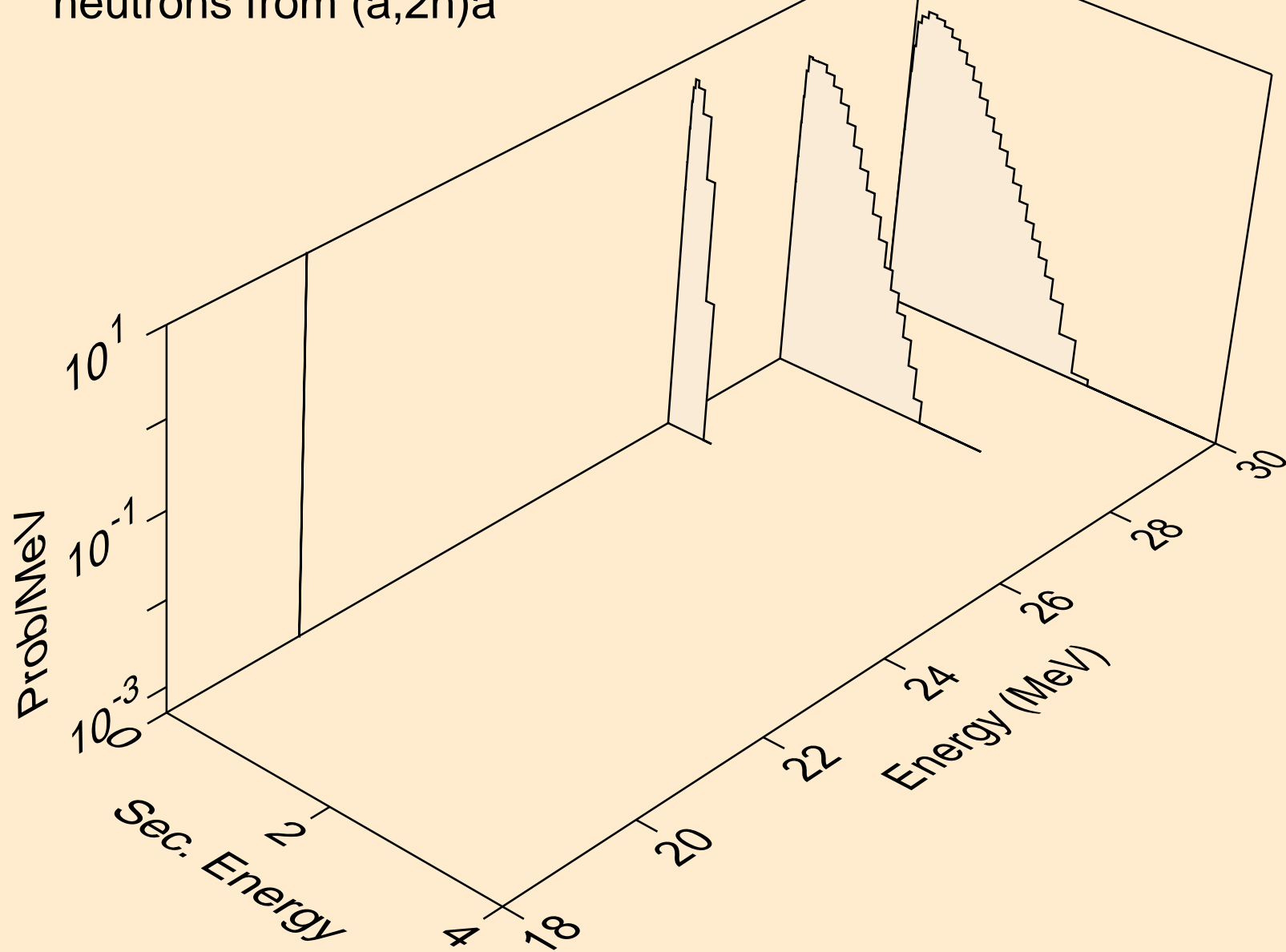
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



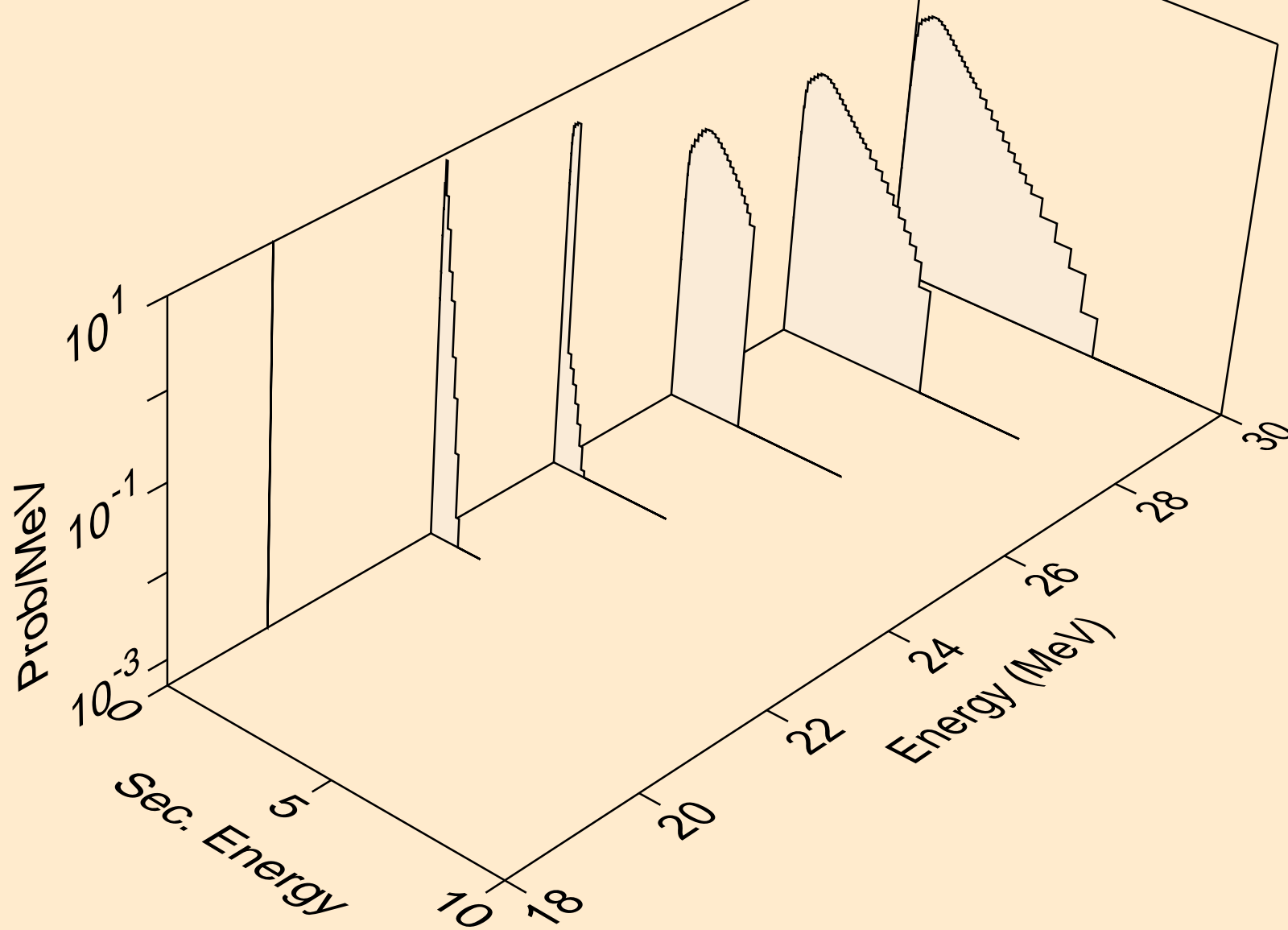
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



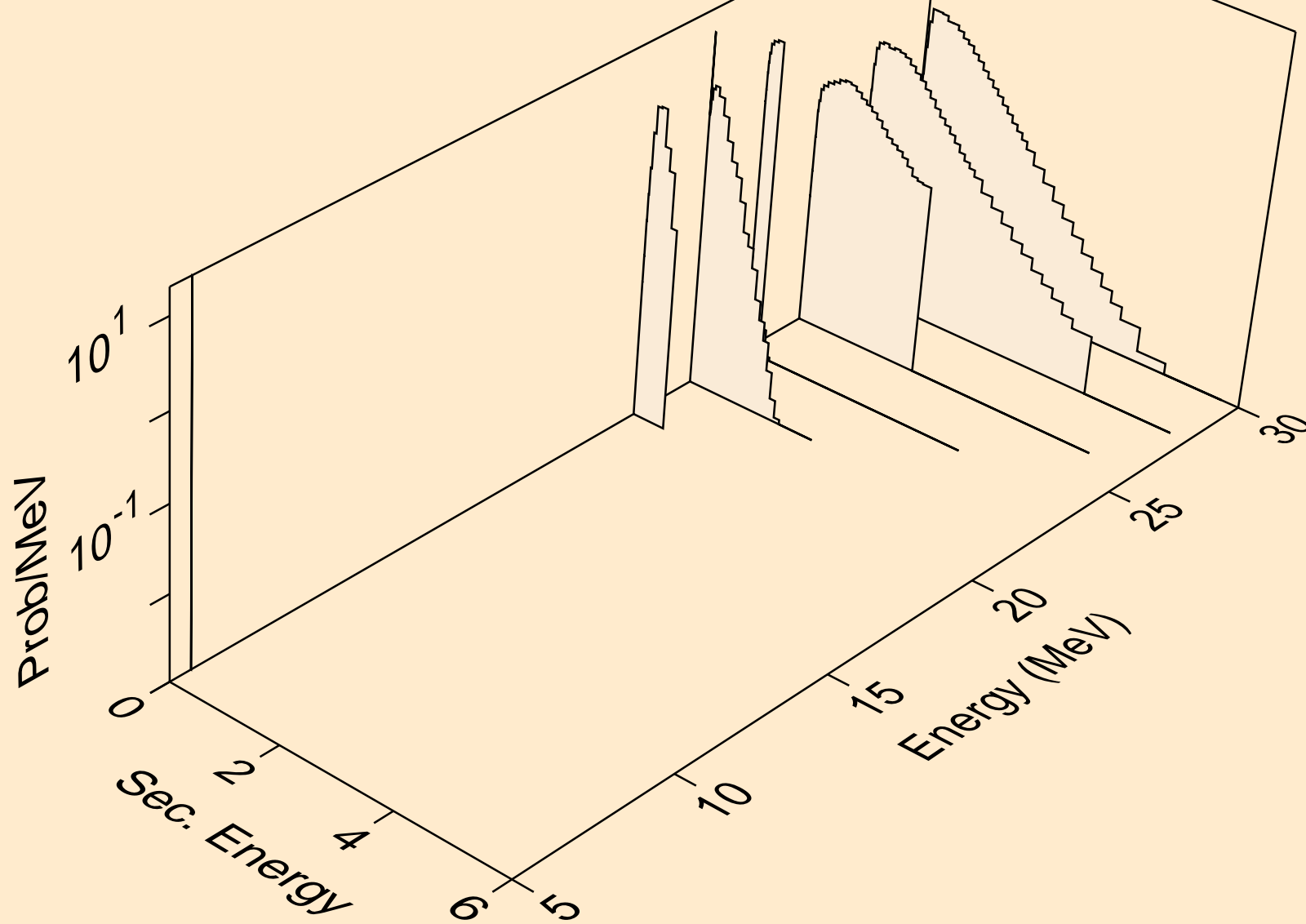
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



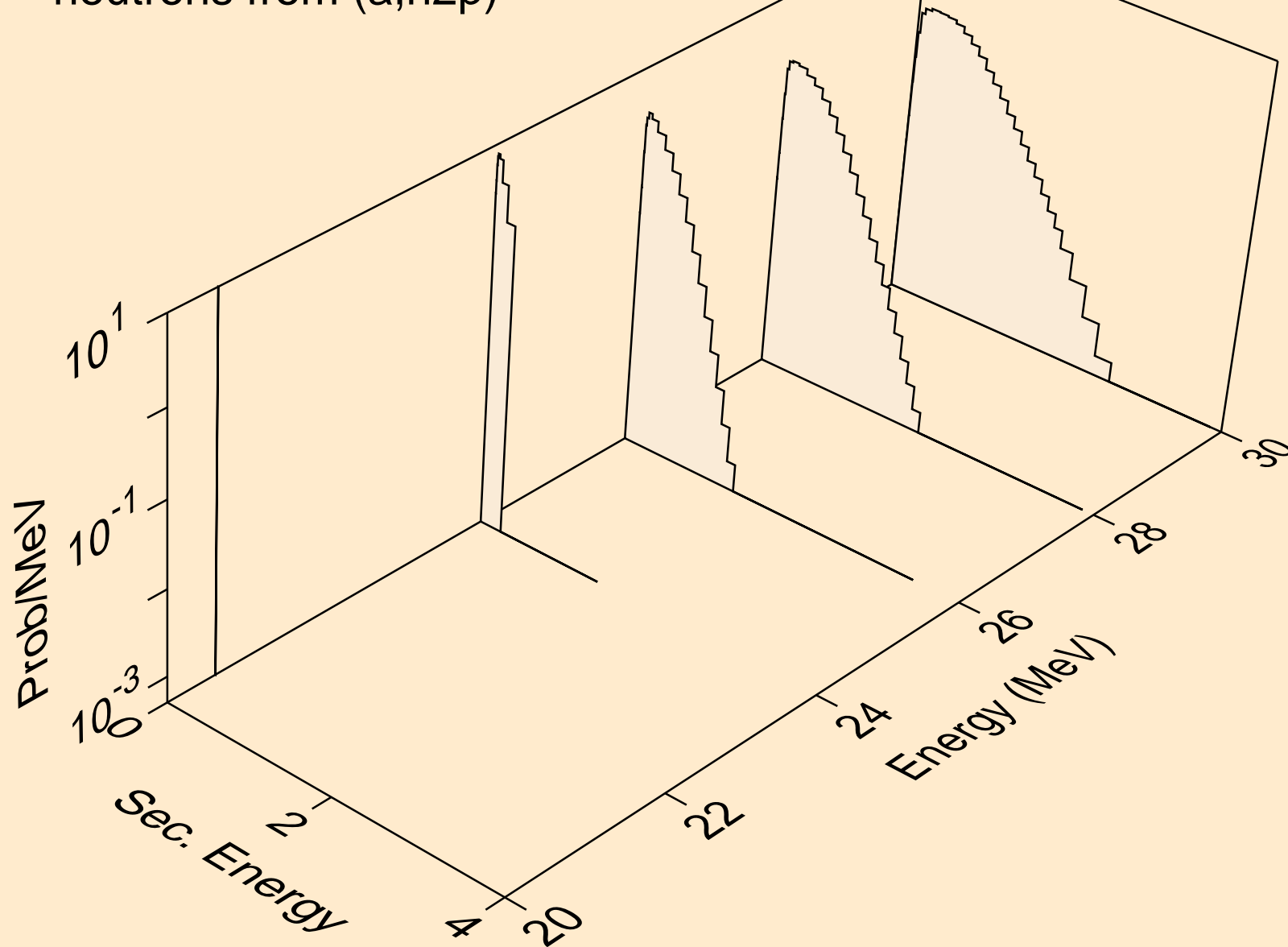
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



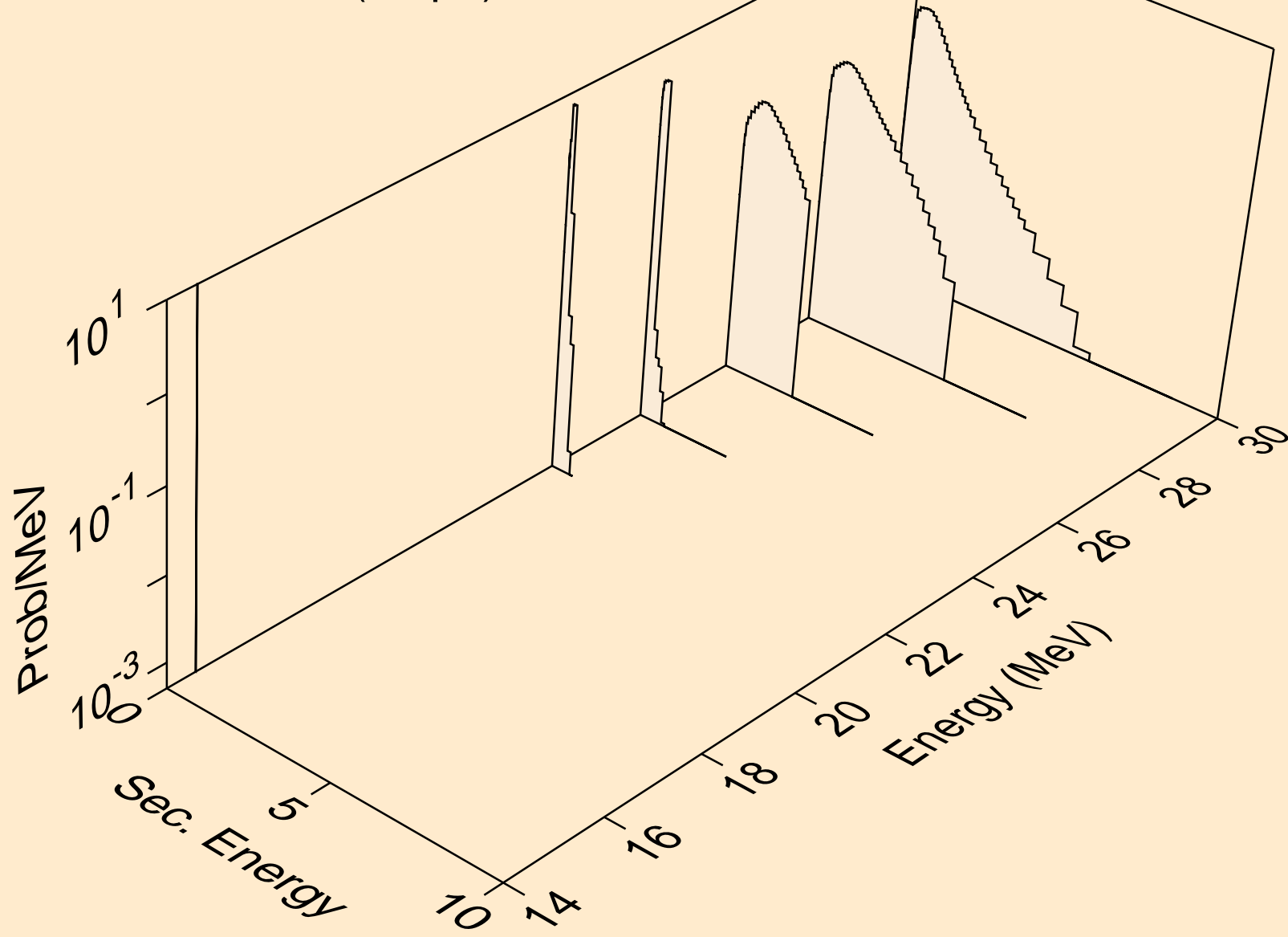
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



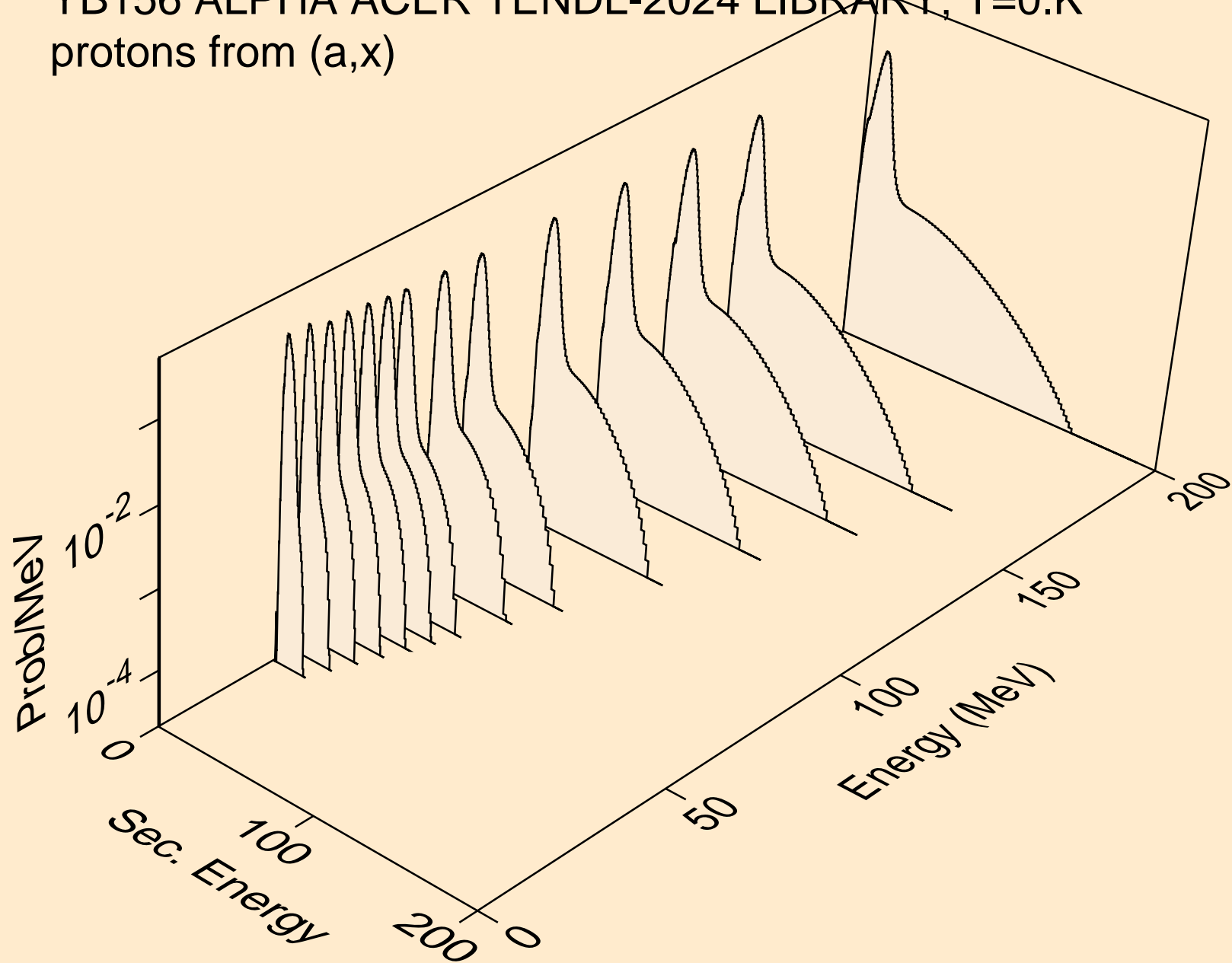
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



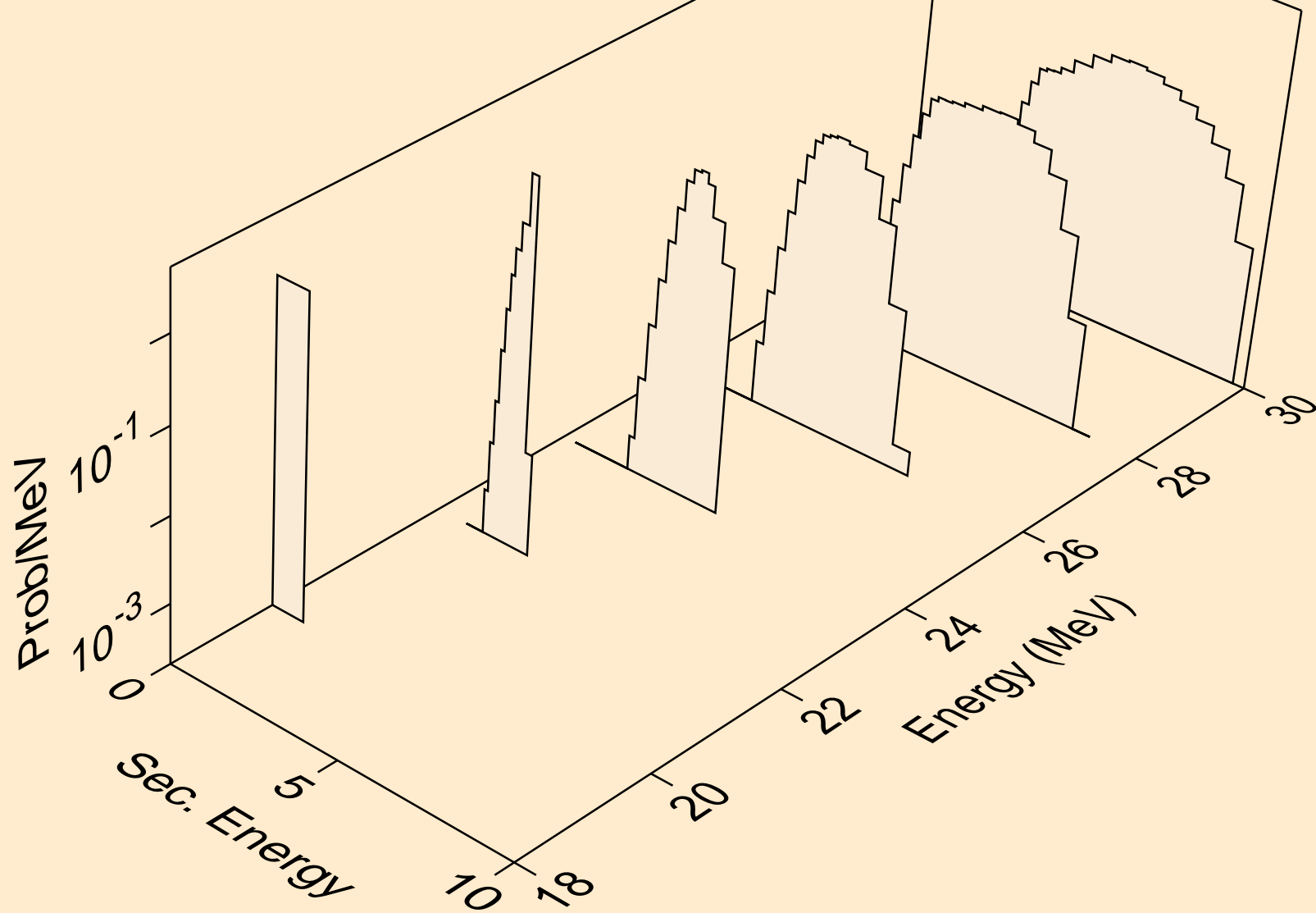
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



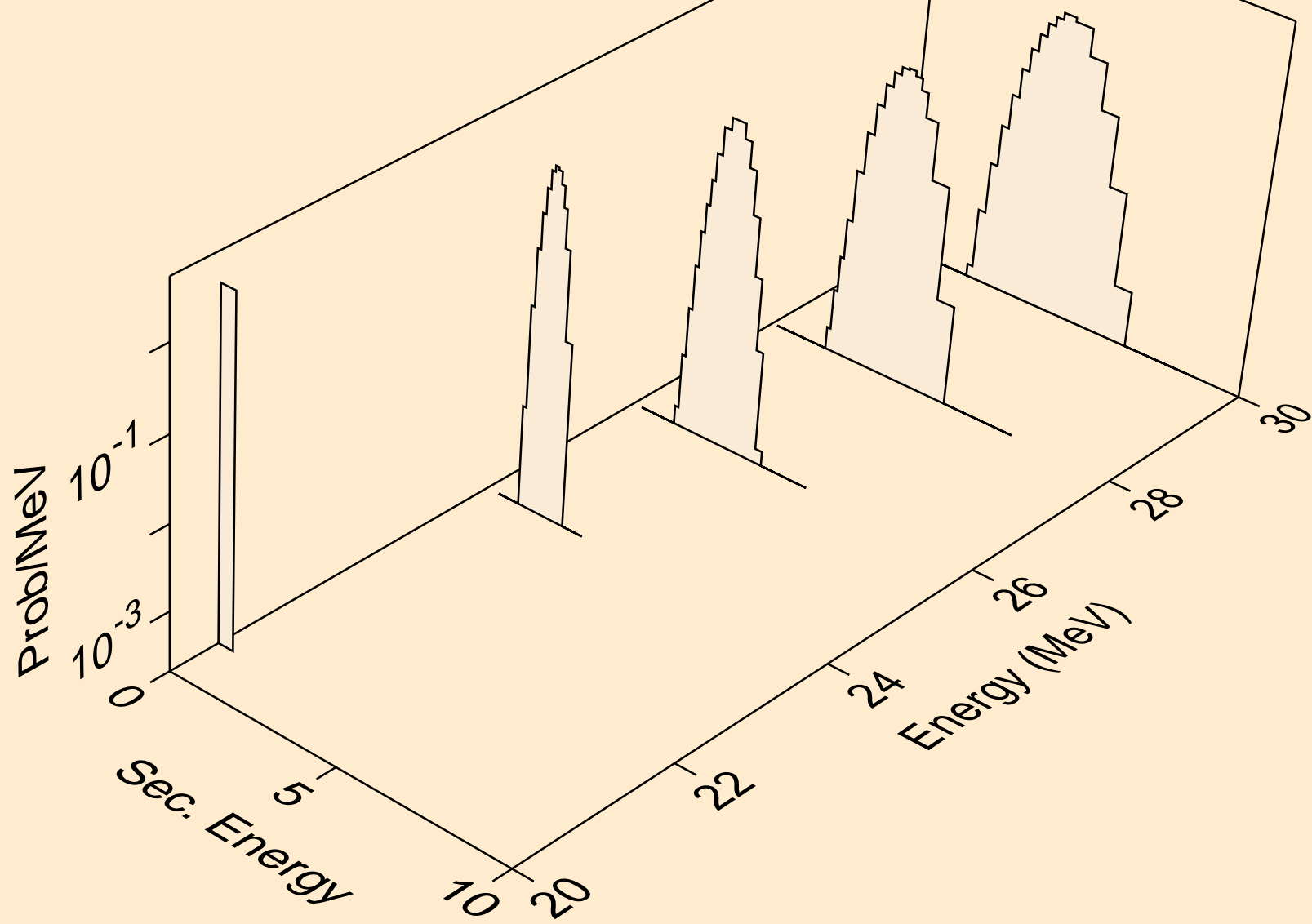
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



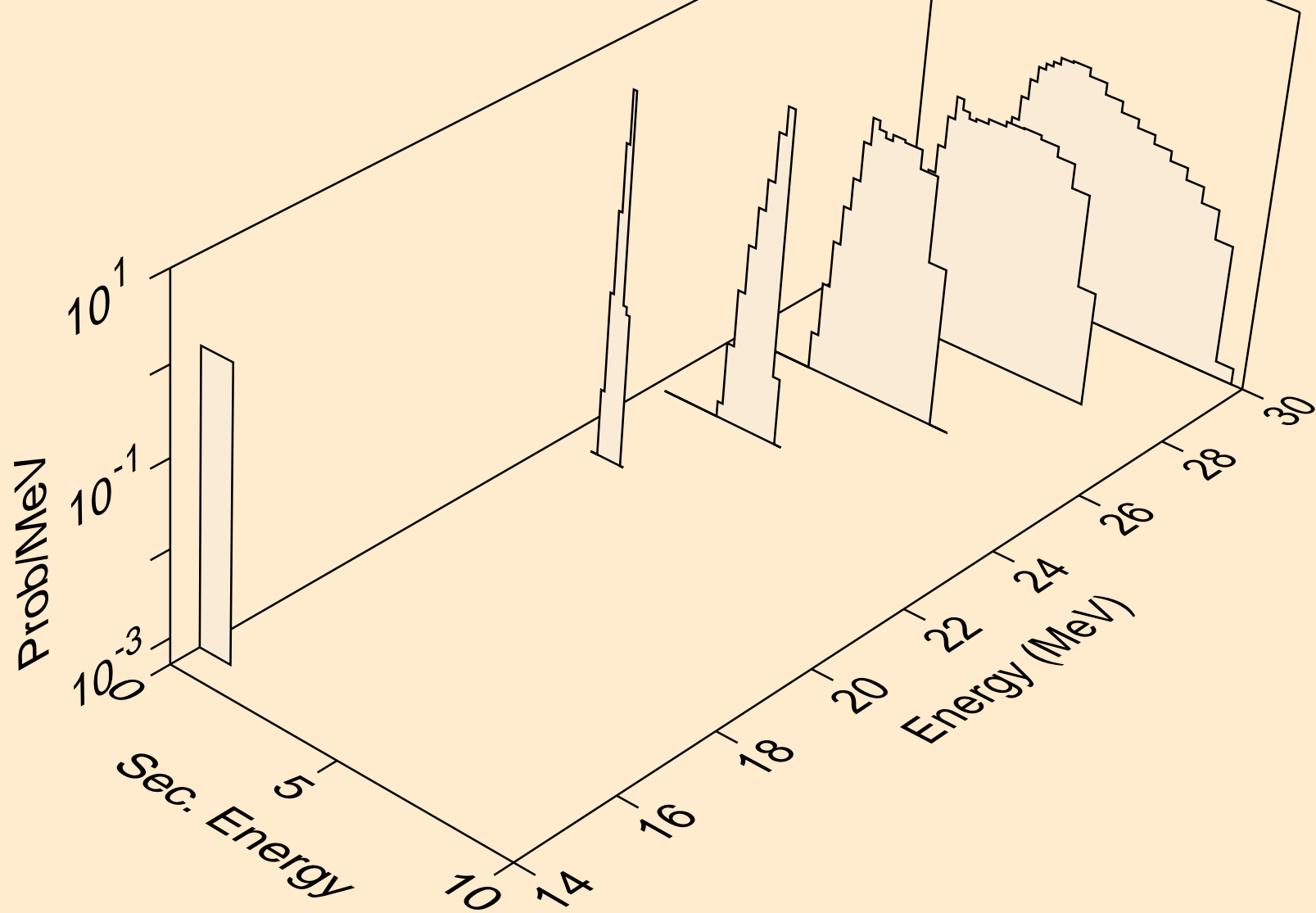
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



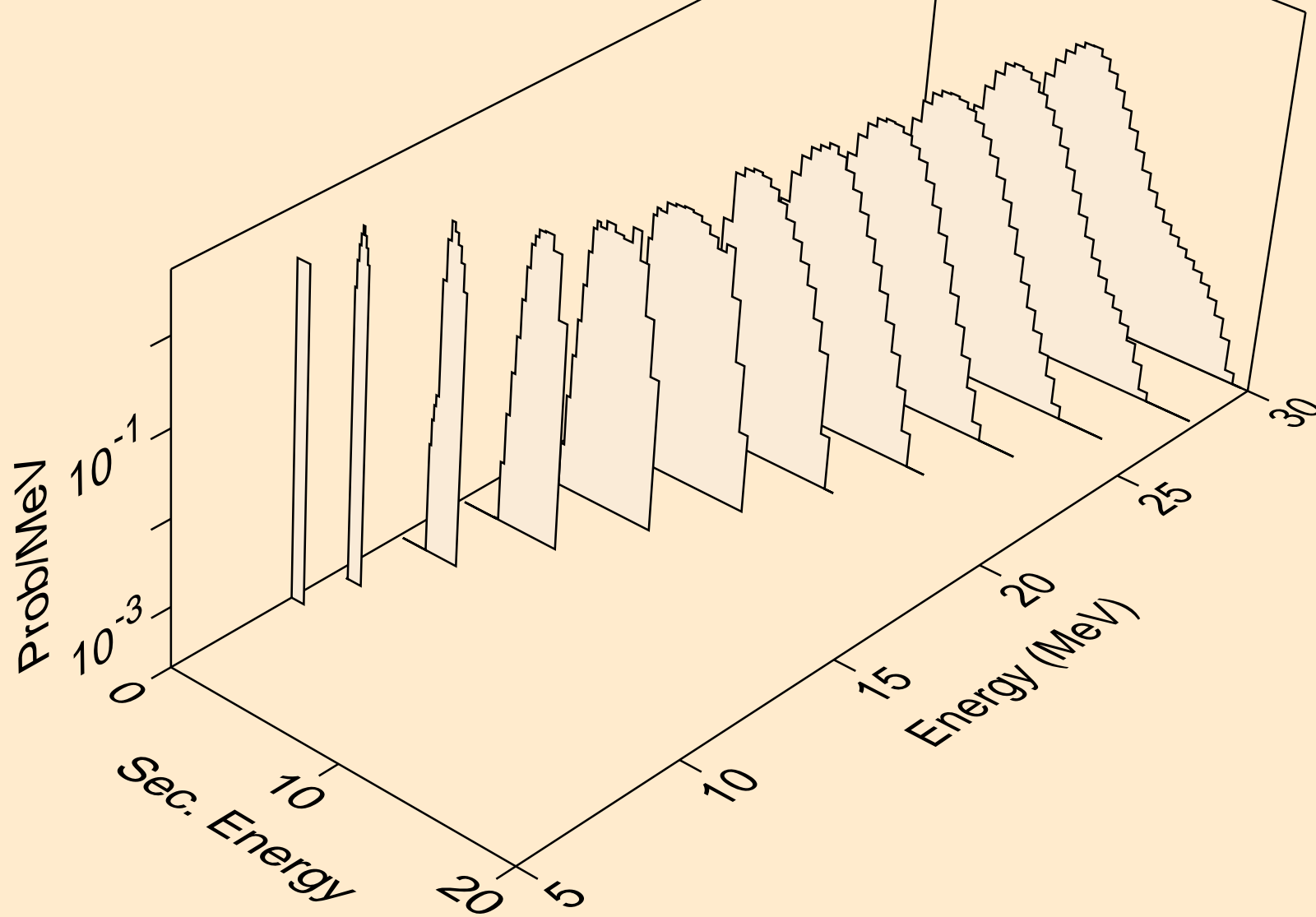
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n2p)



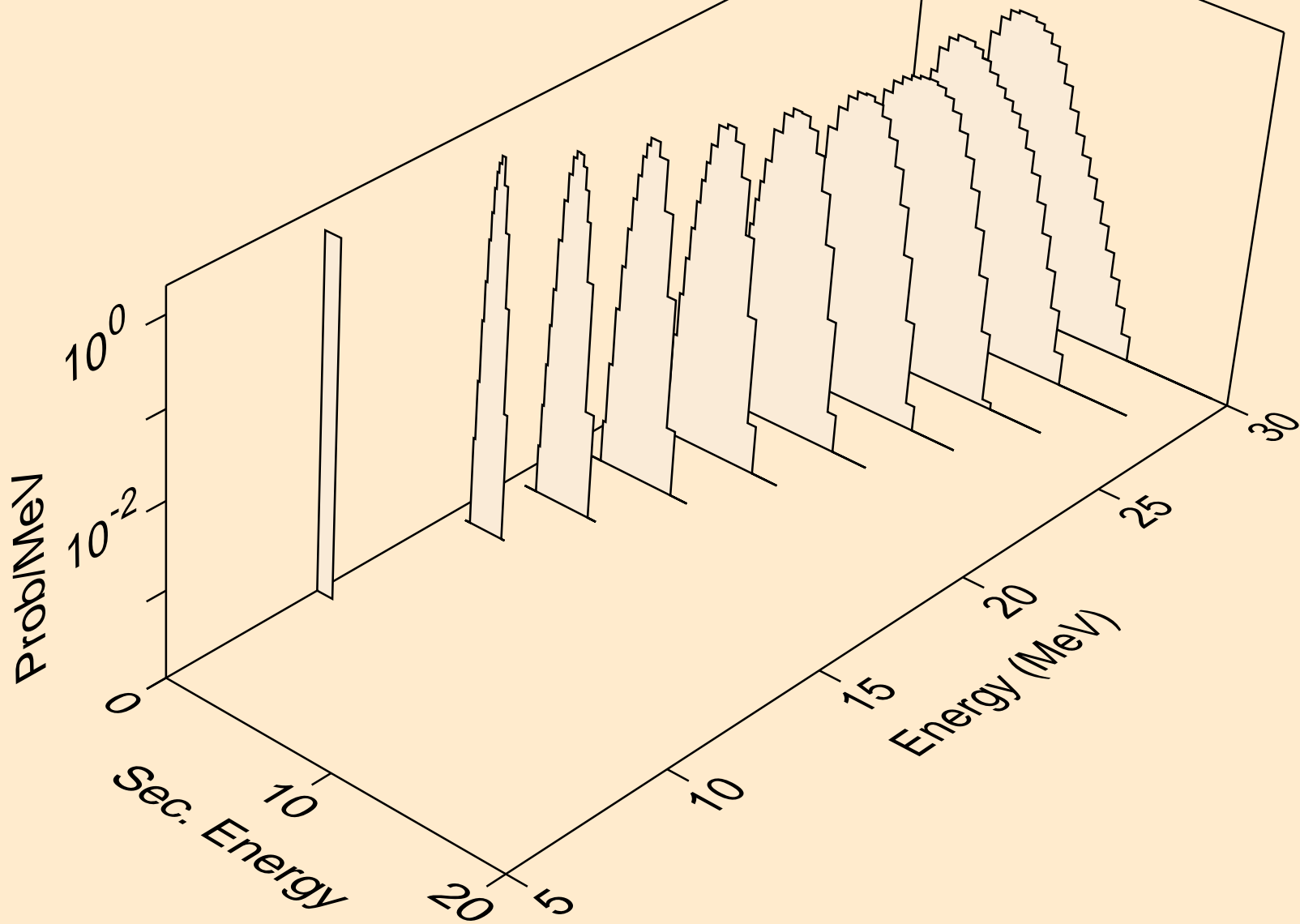
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



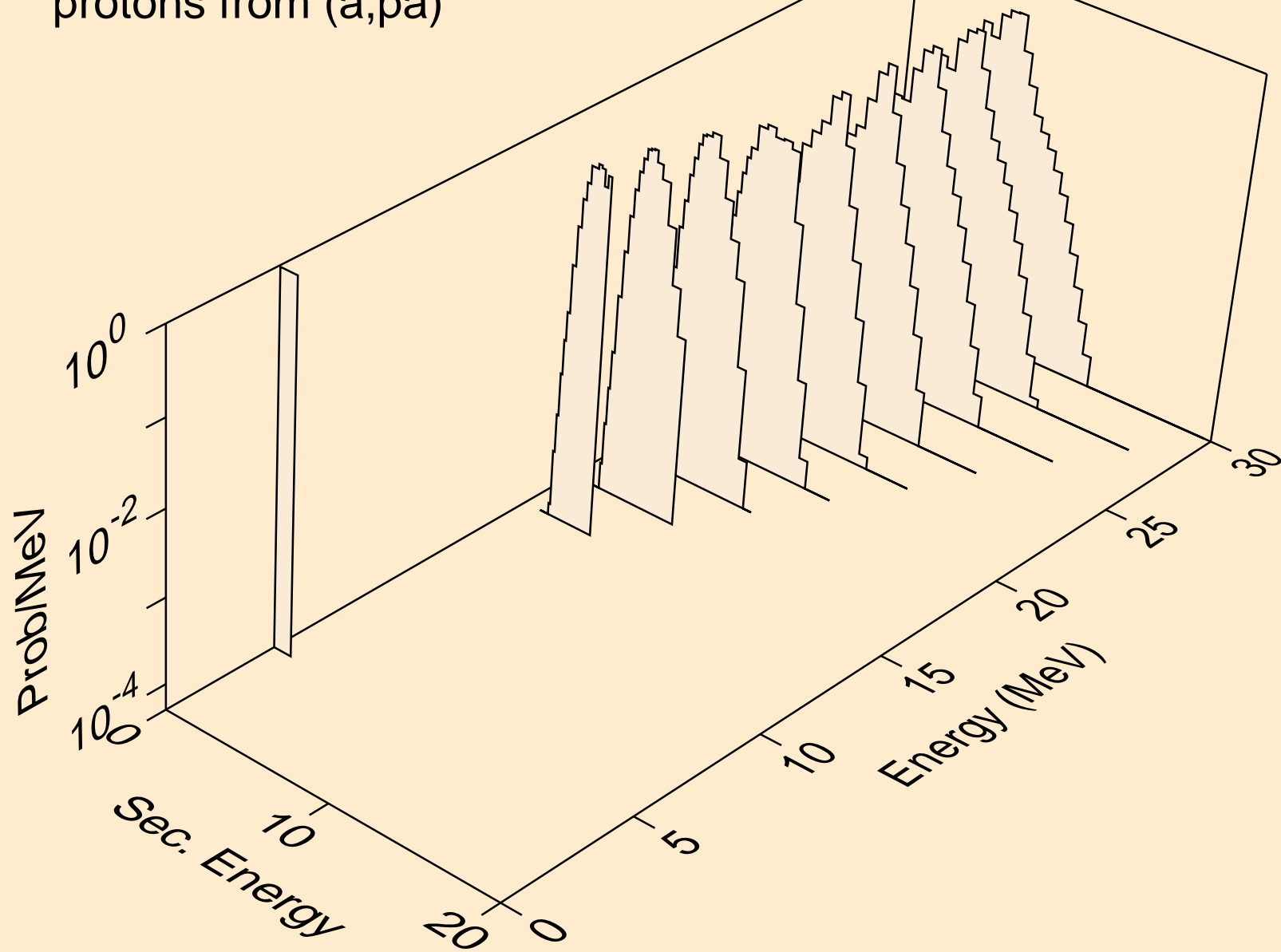
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



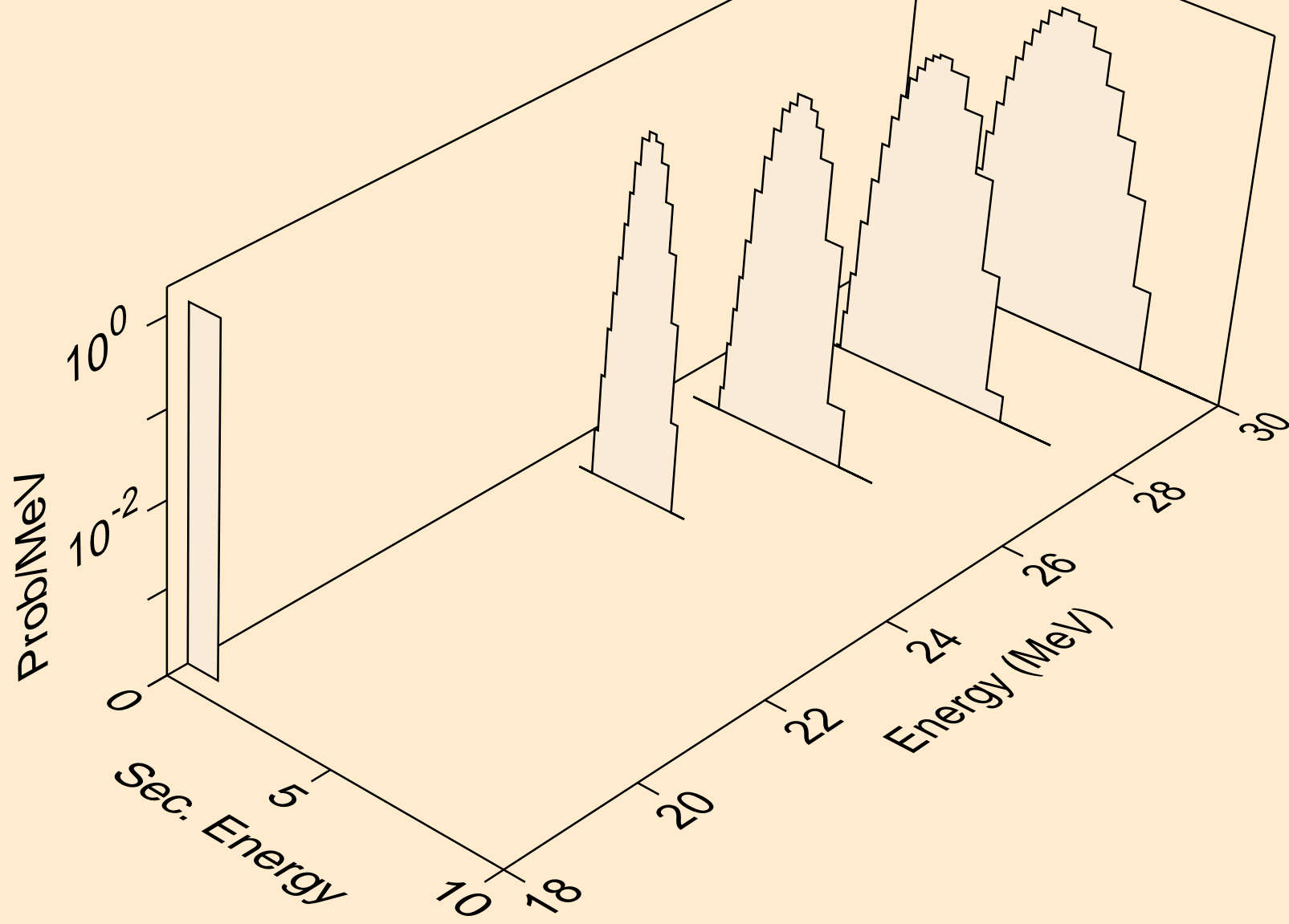
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



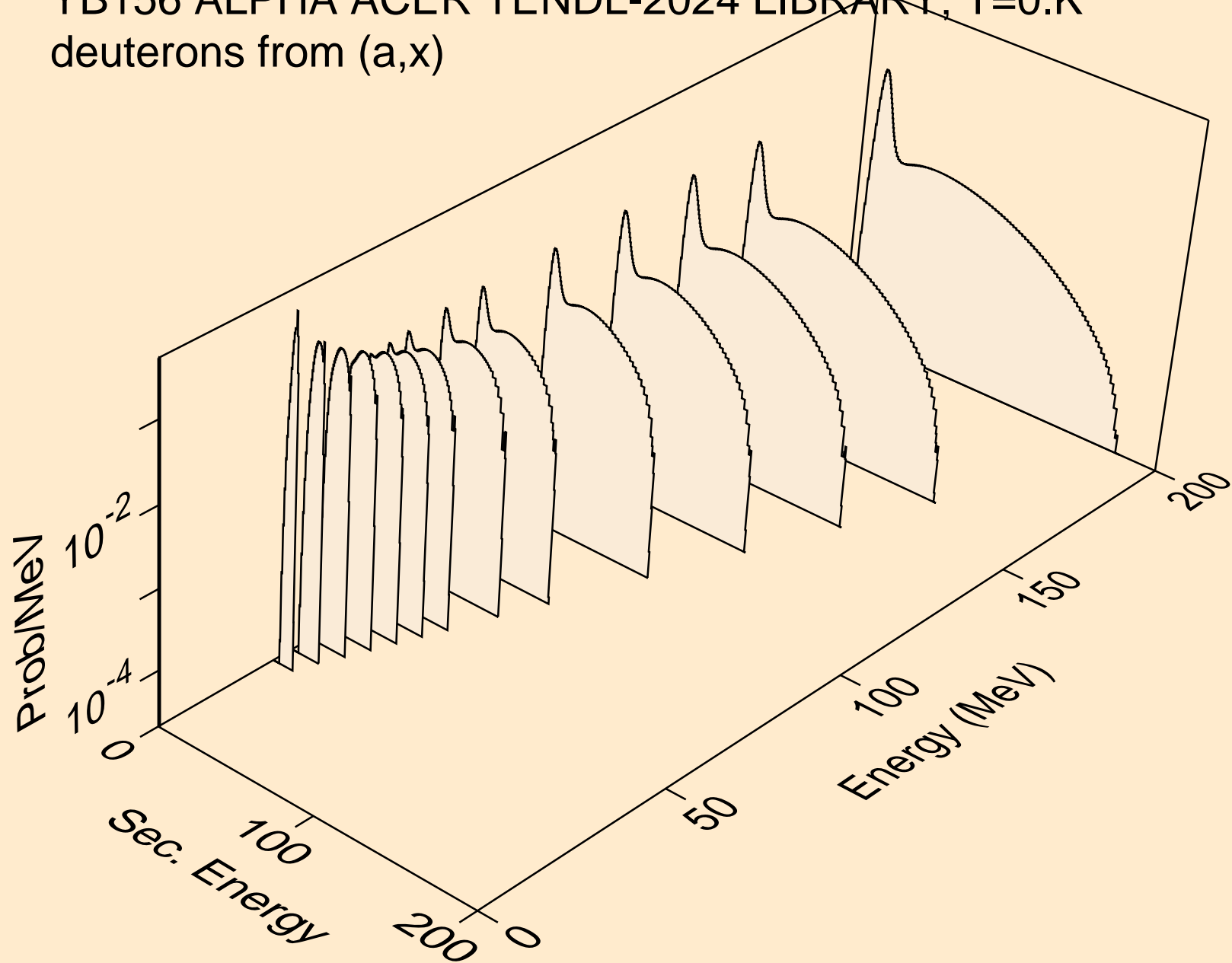
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



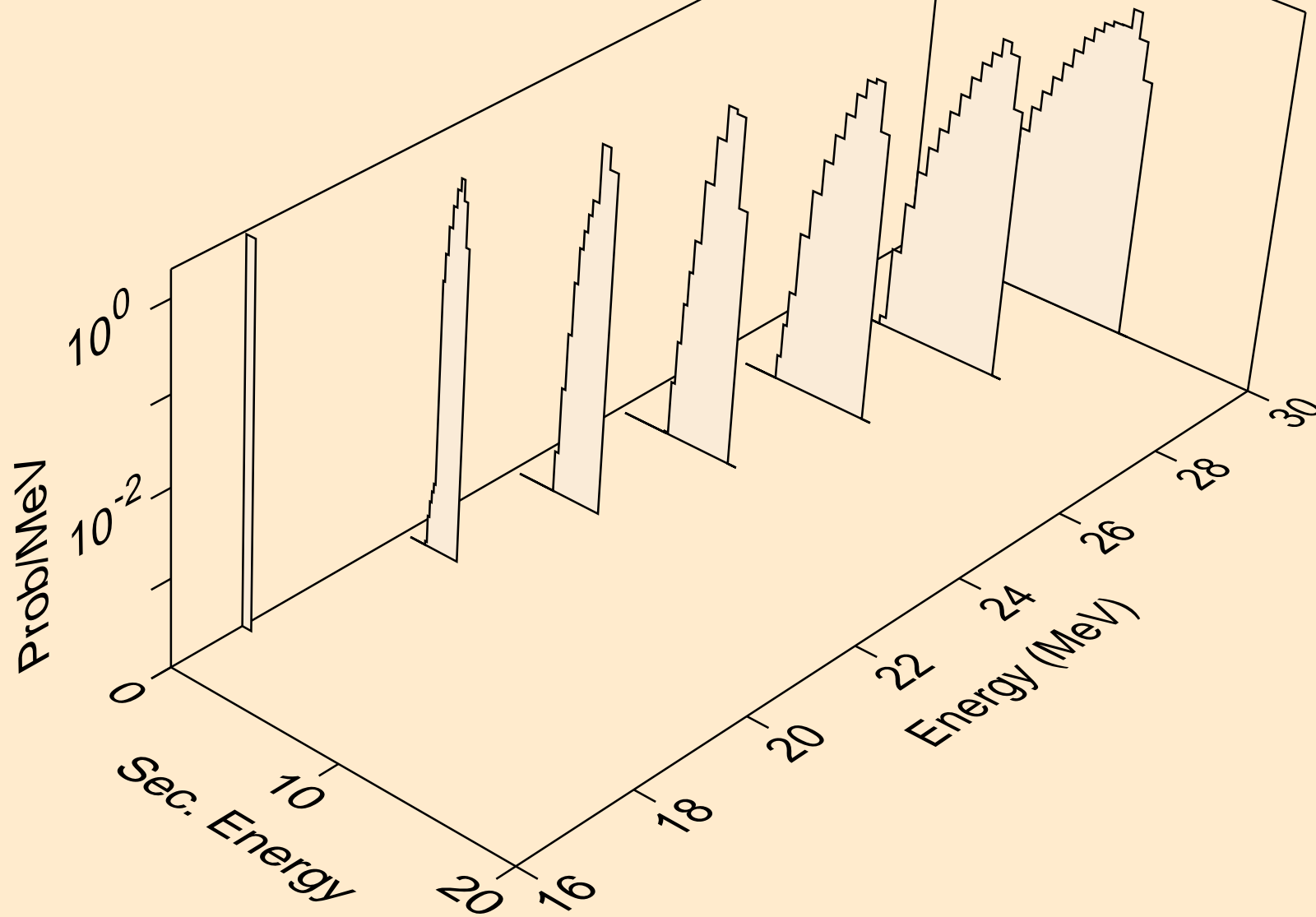
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



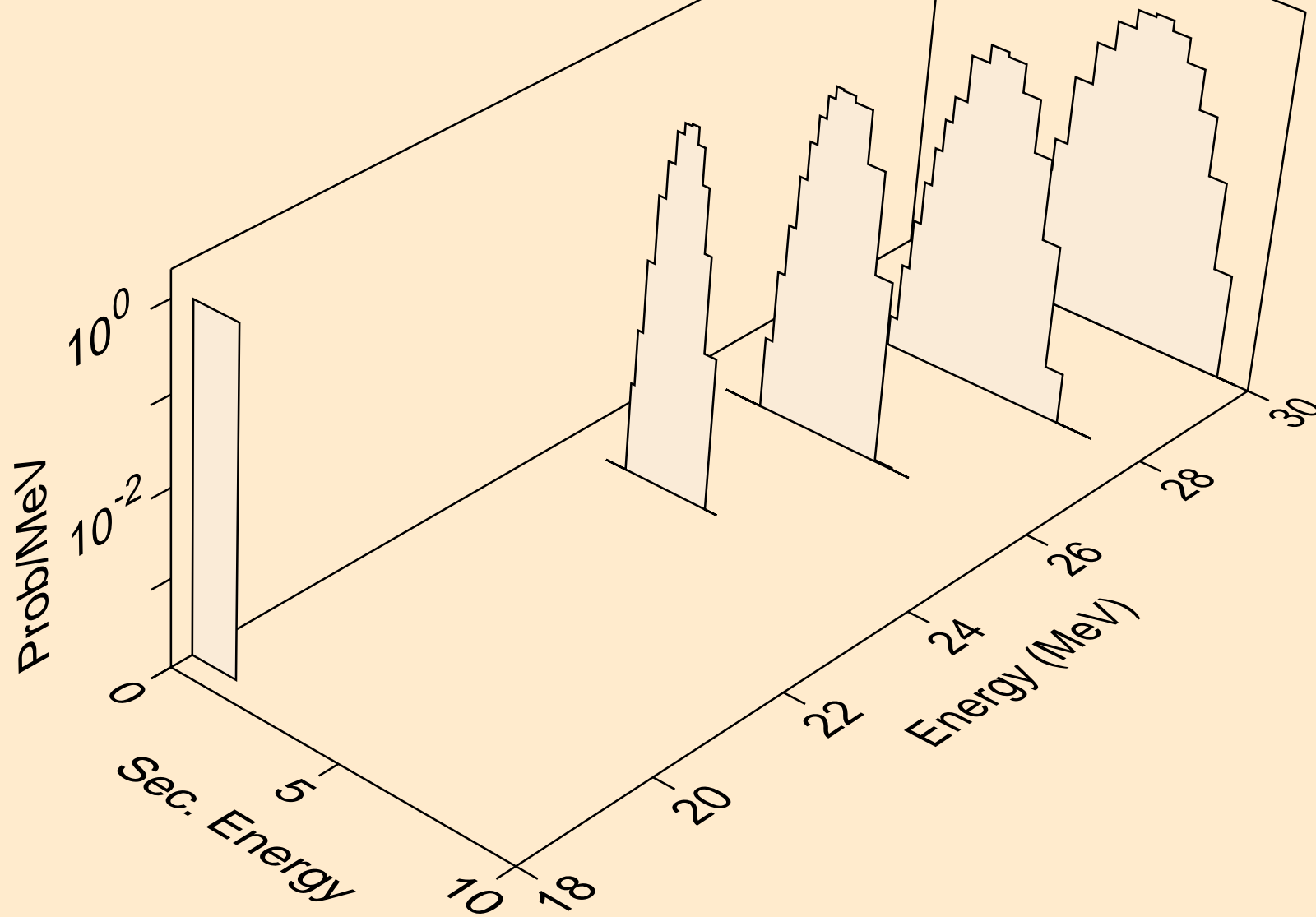
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



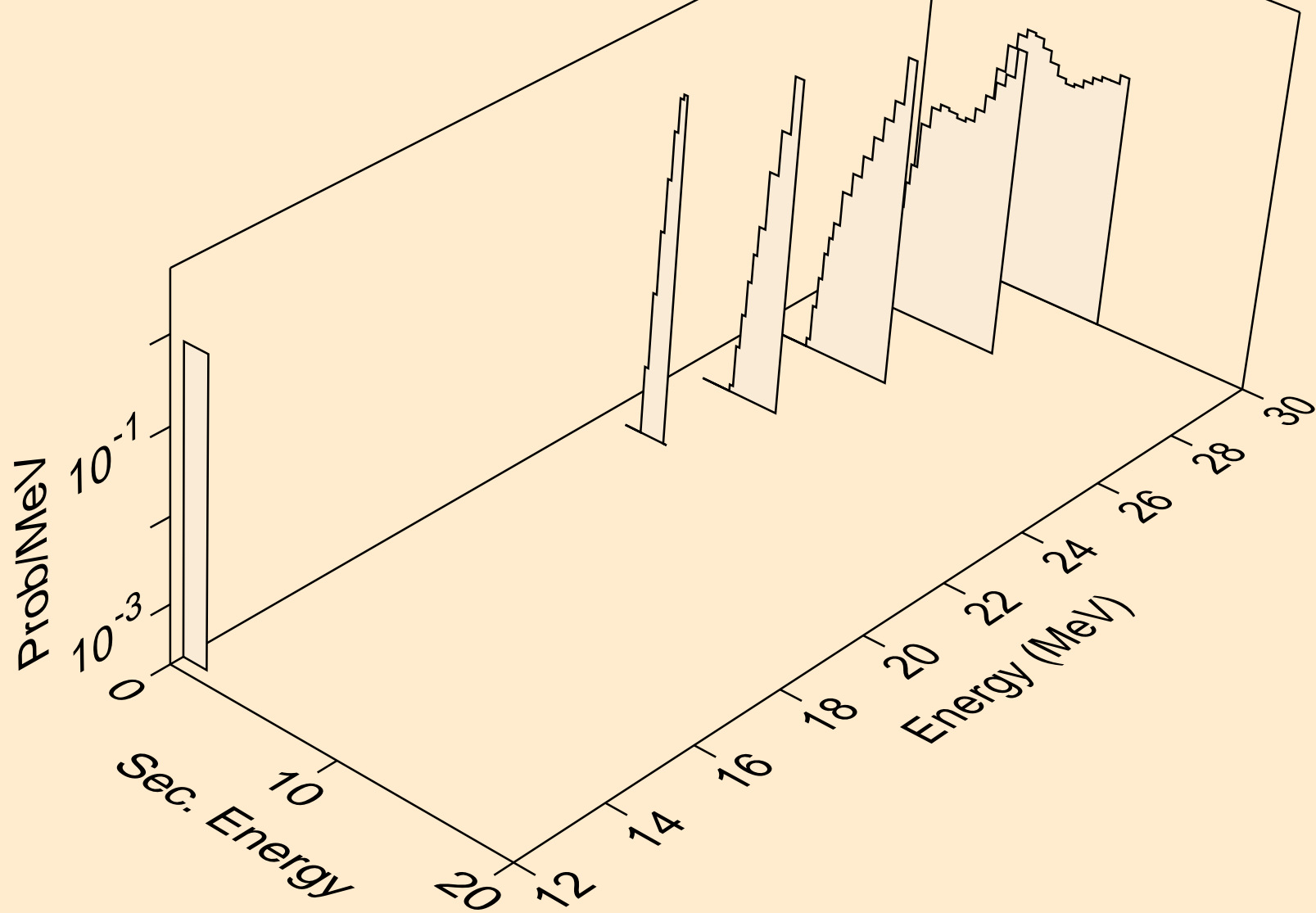
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



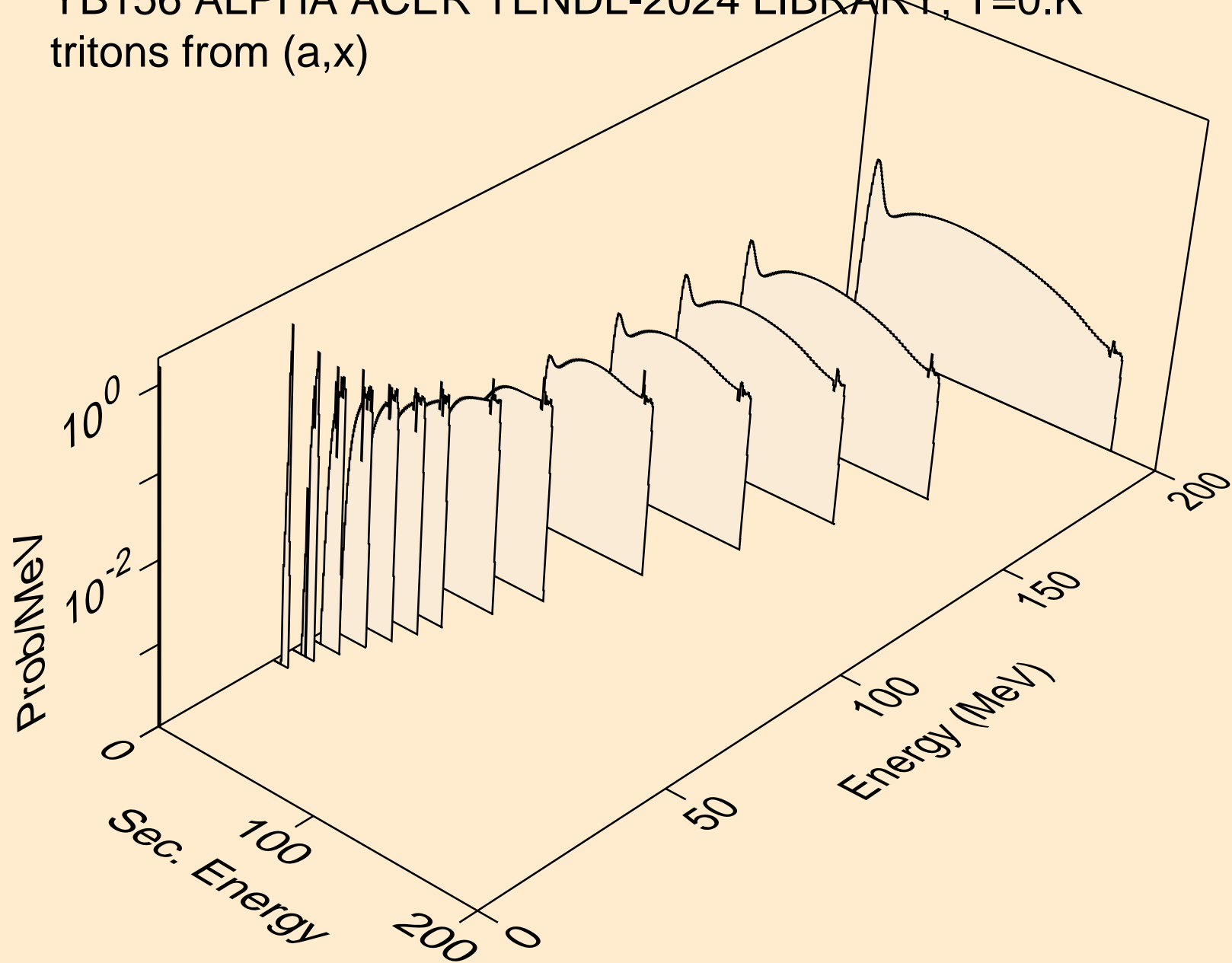
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



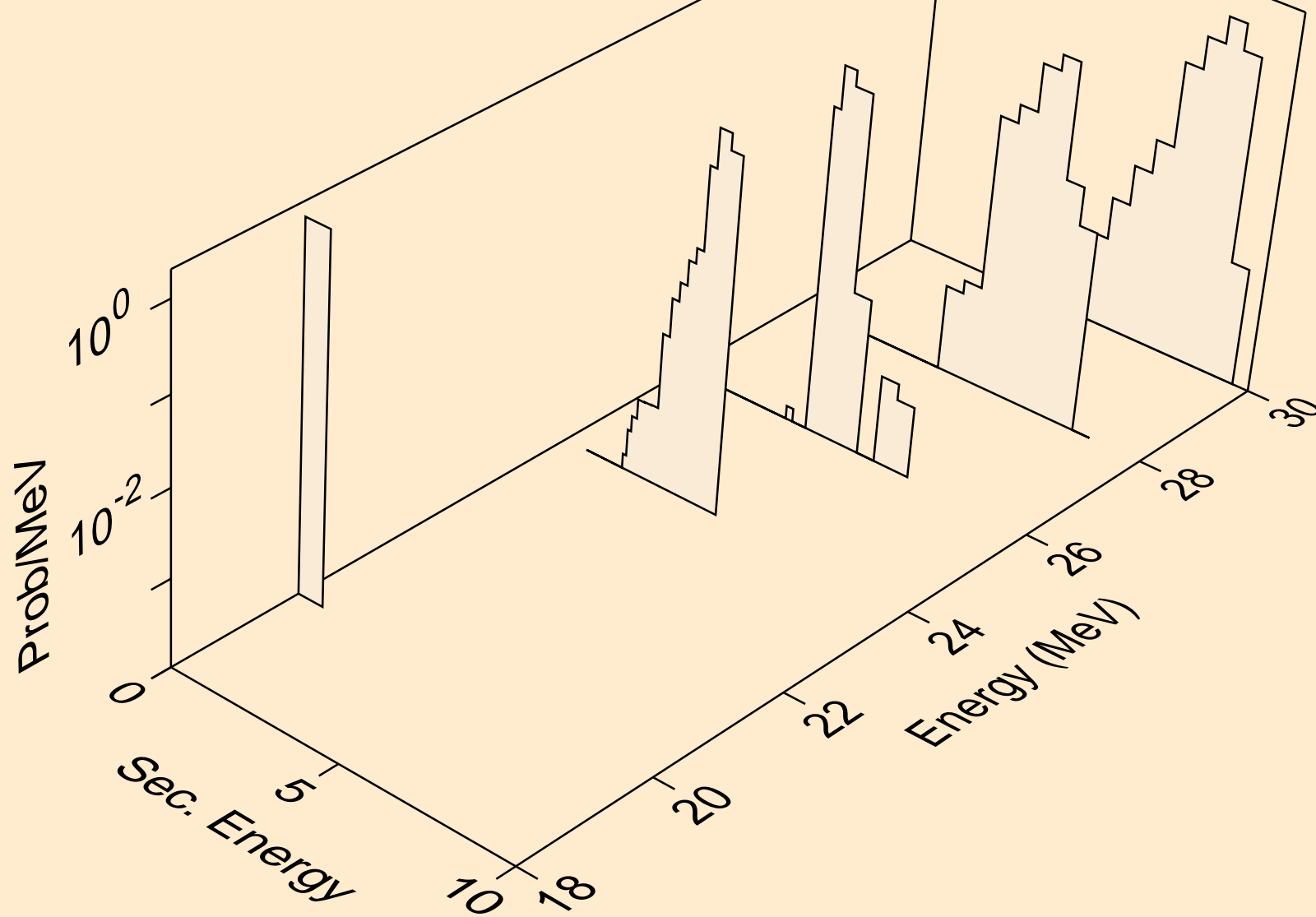
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



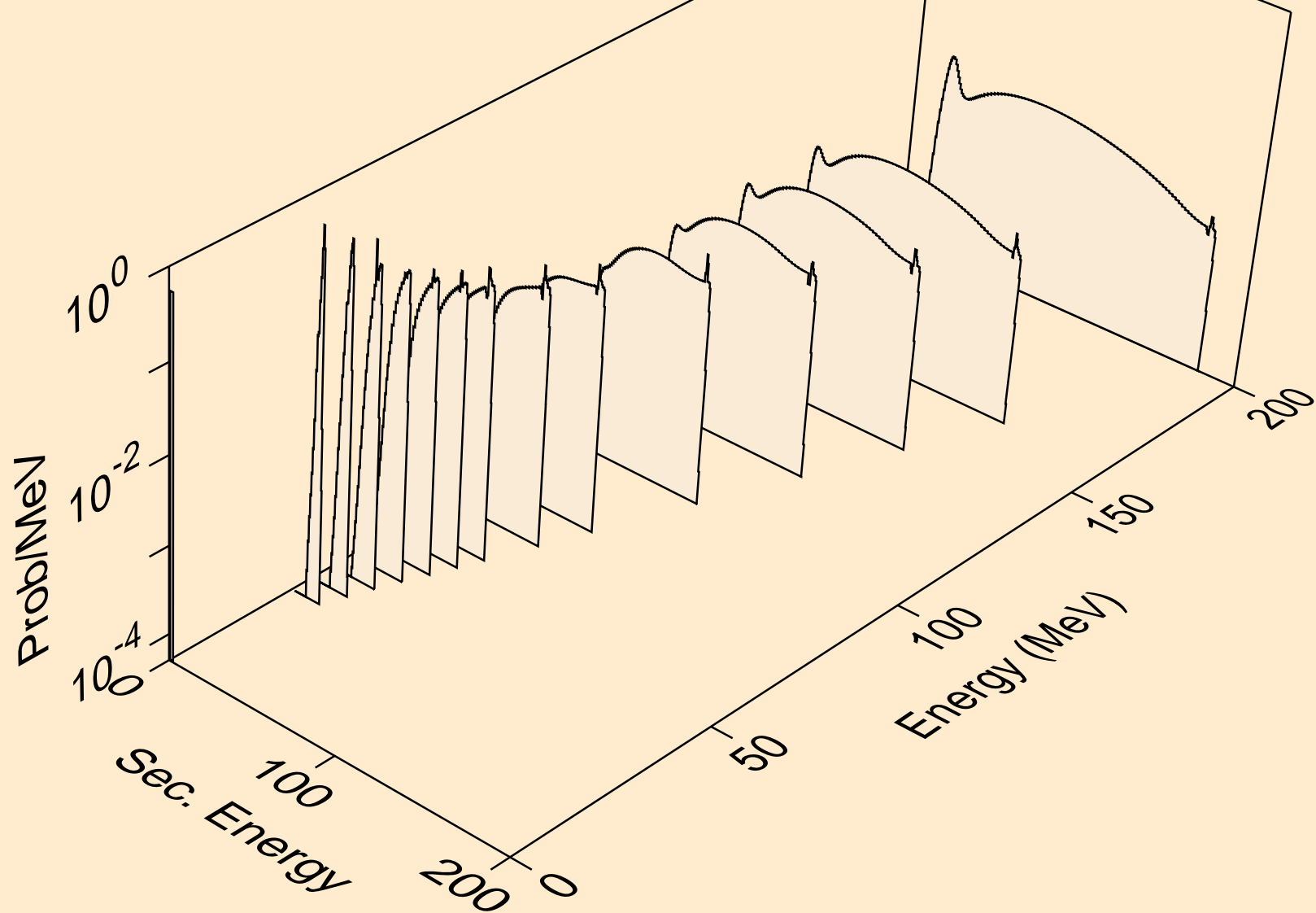
YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



YB156 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

