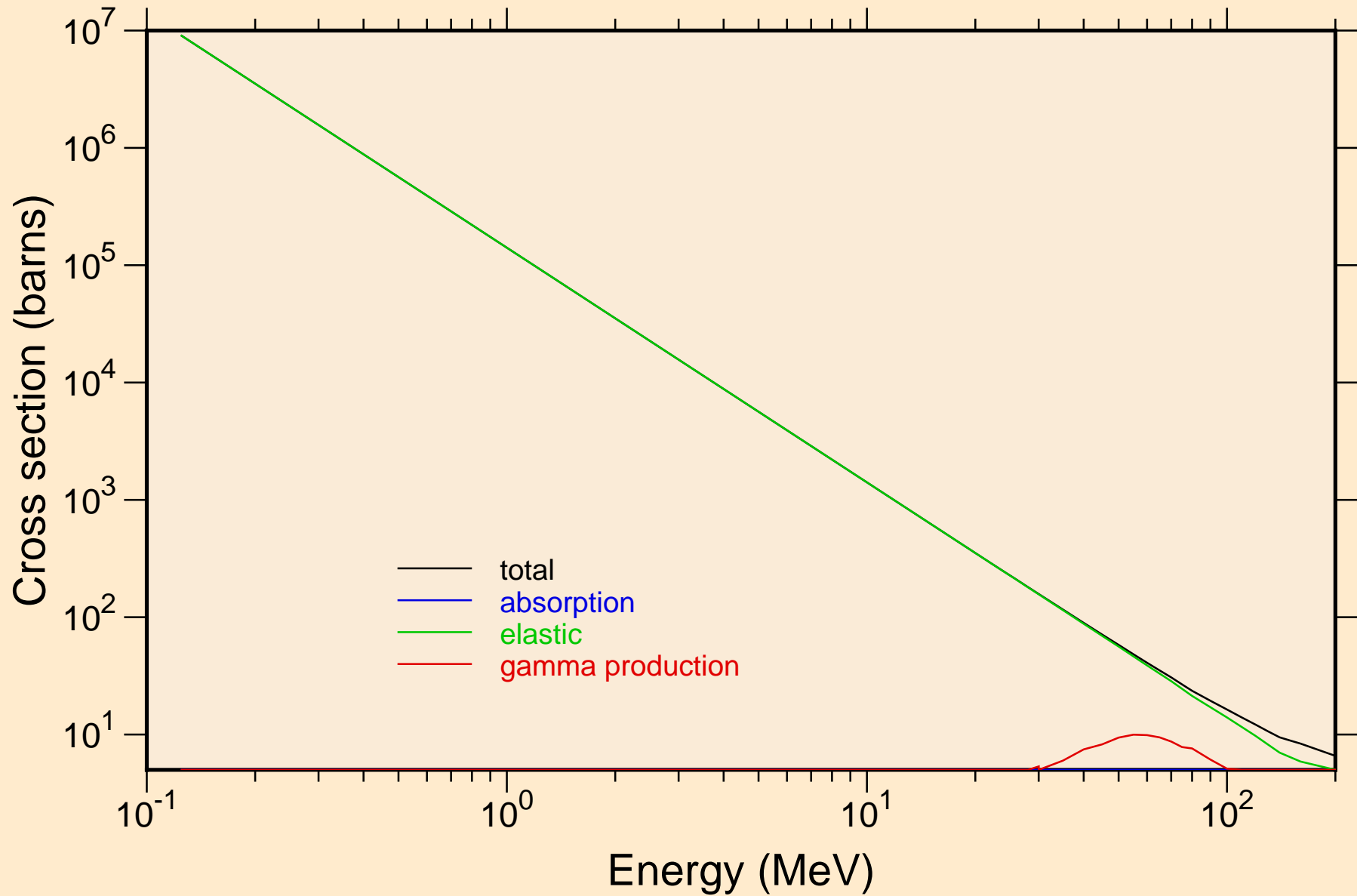
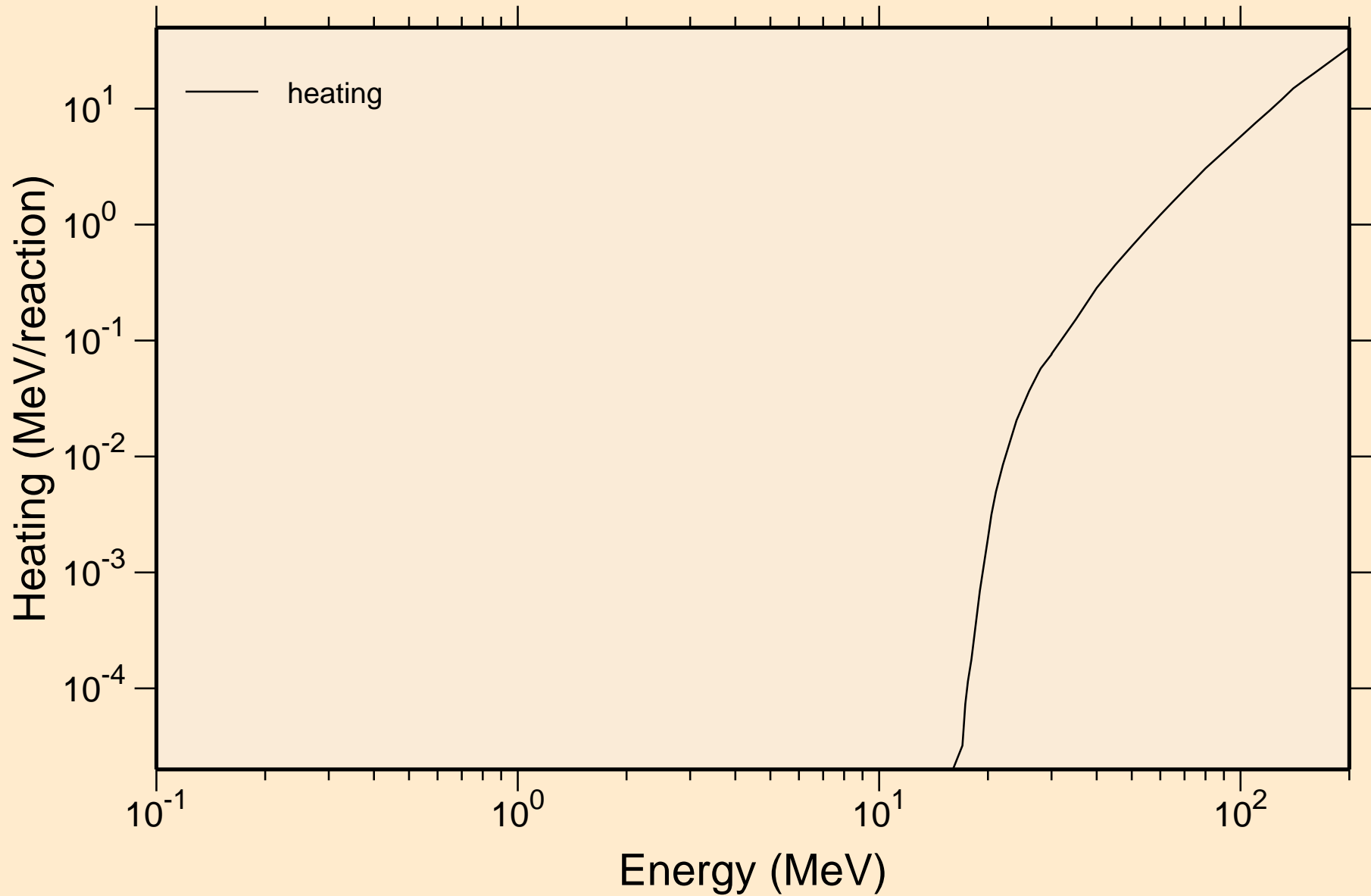


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



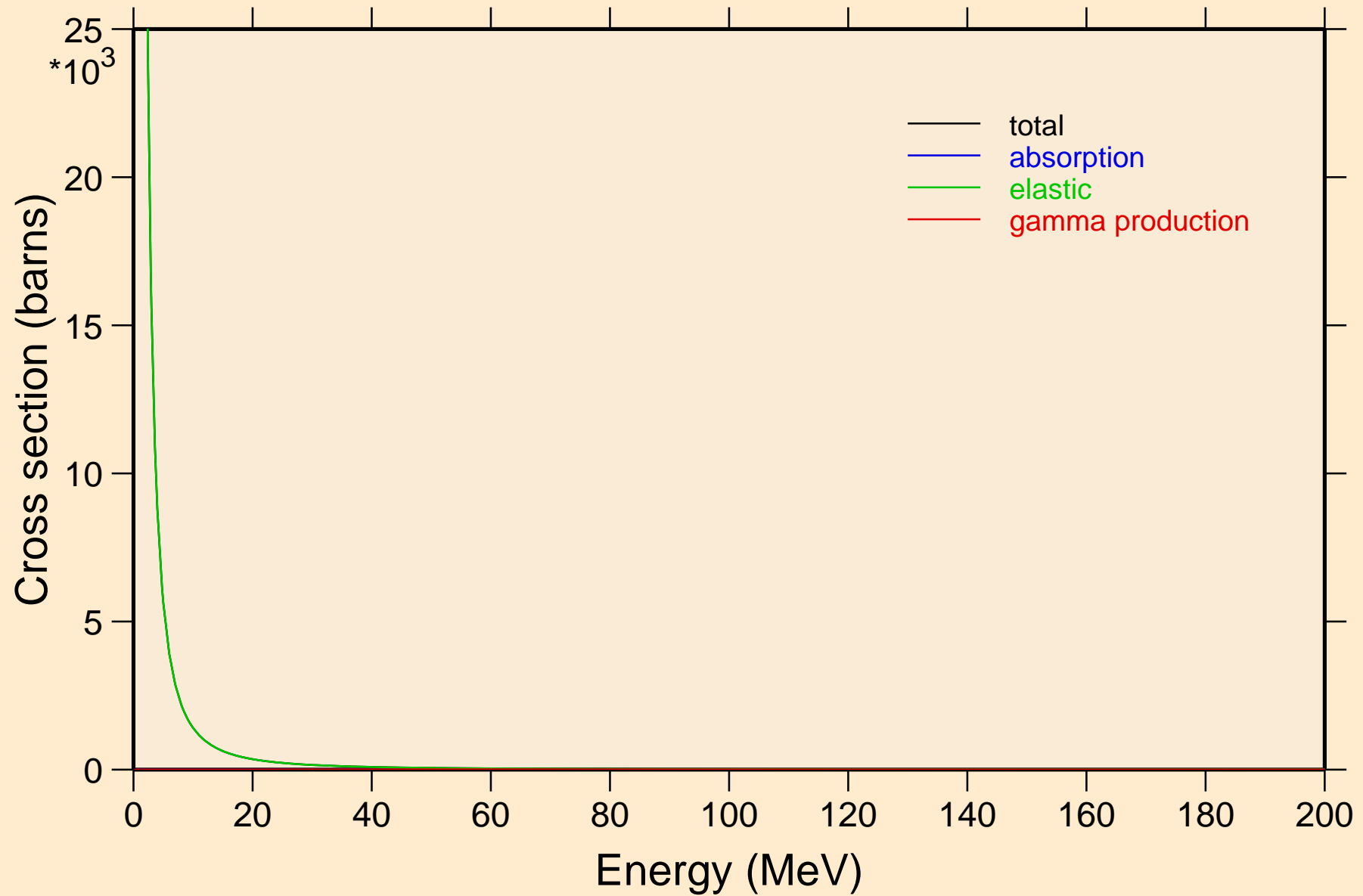
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



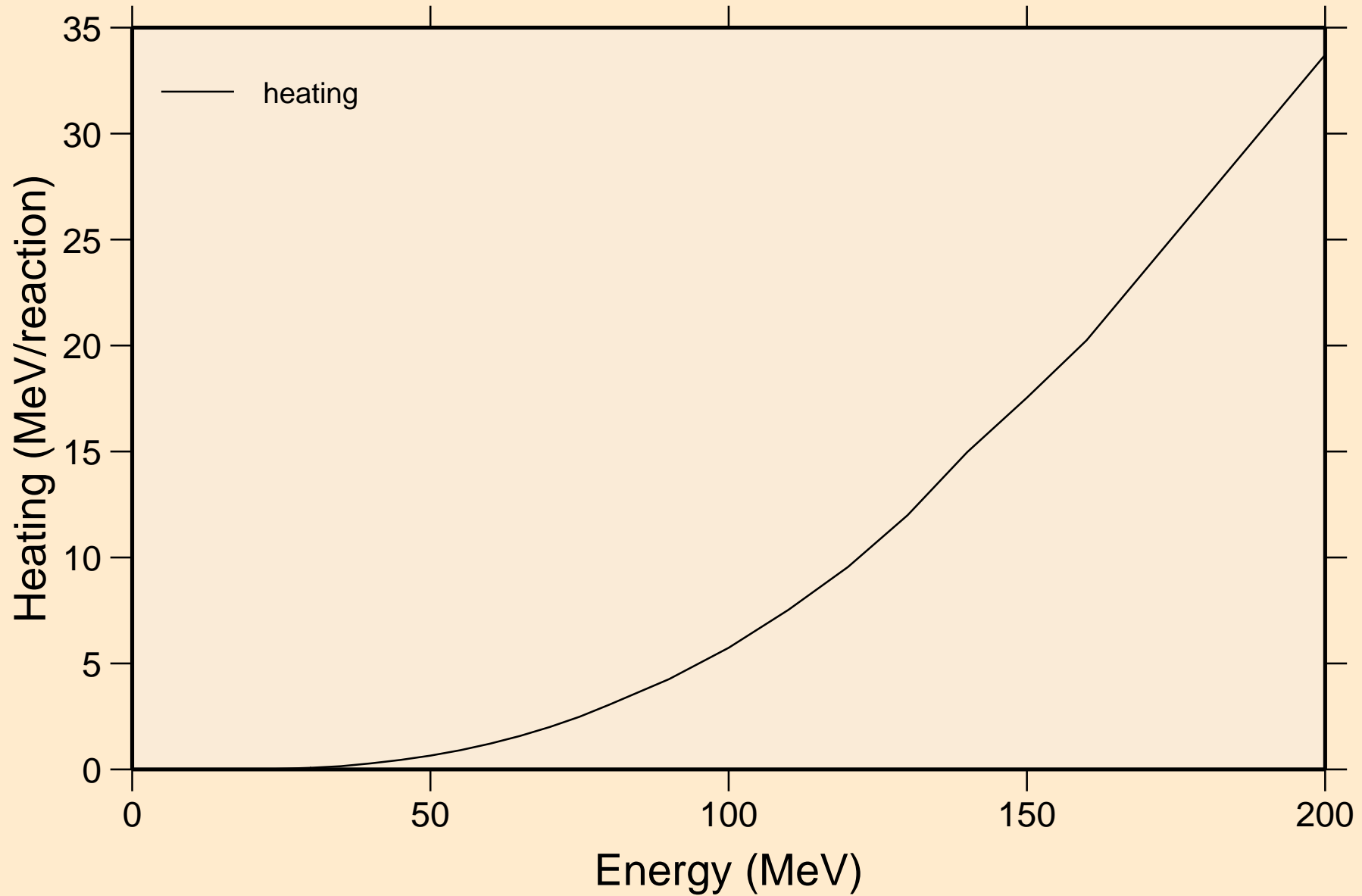
# W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

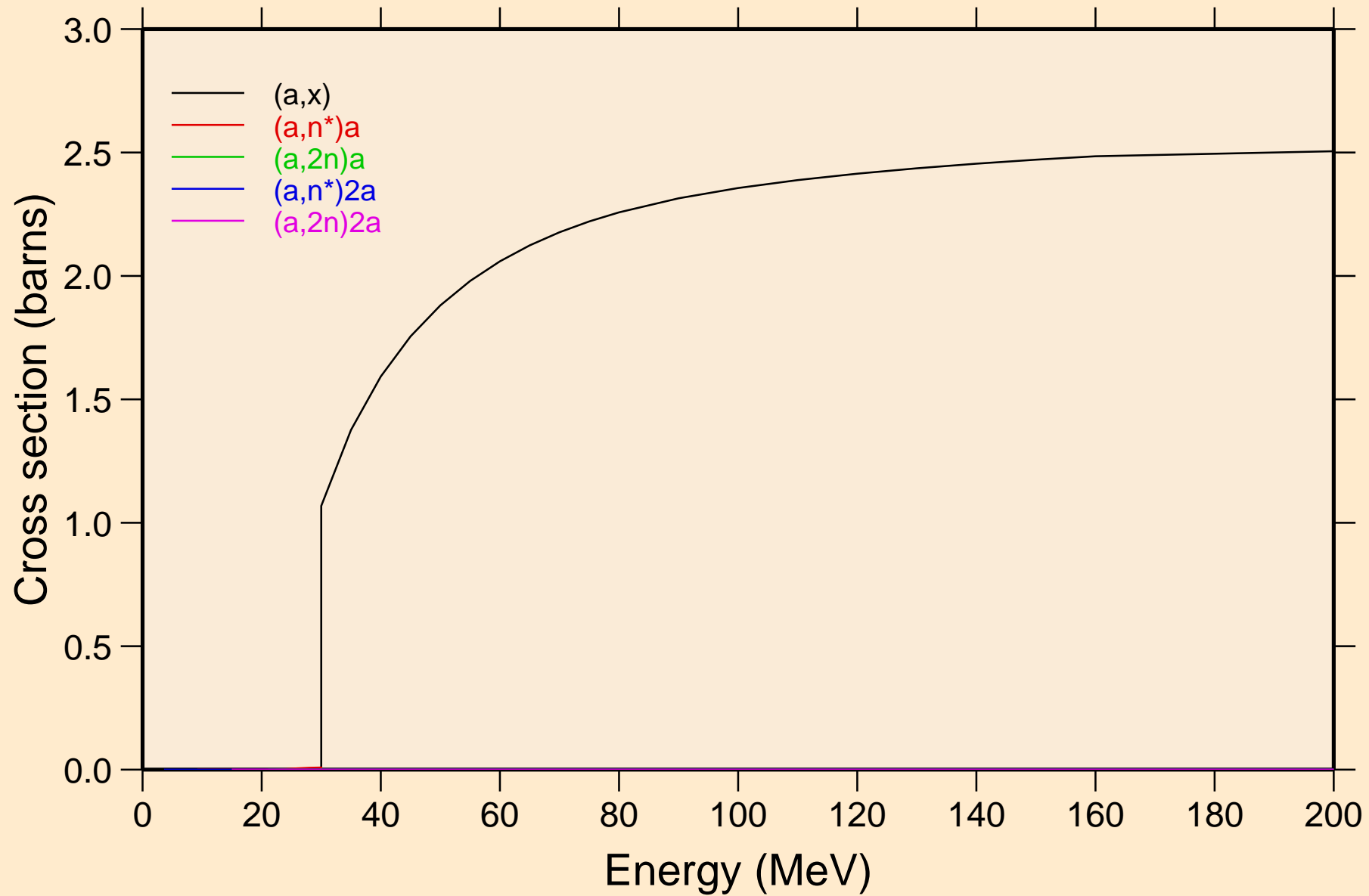


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

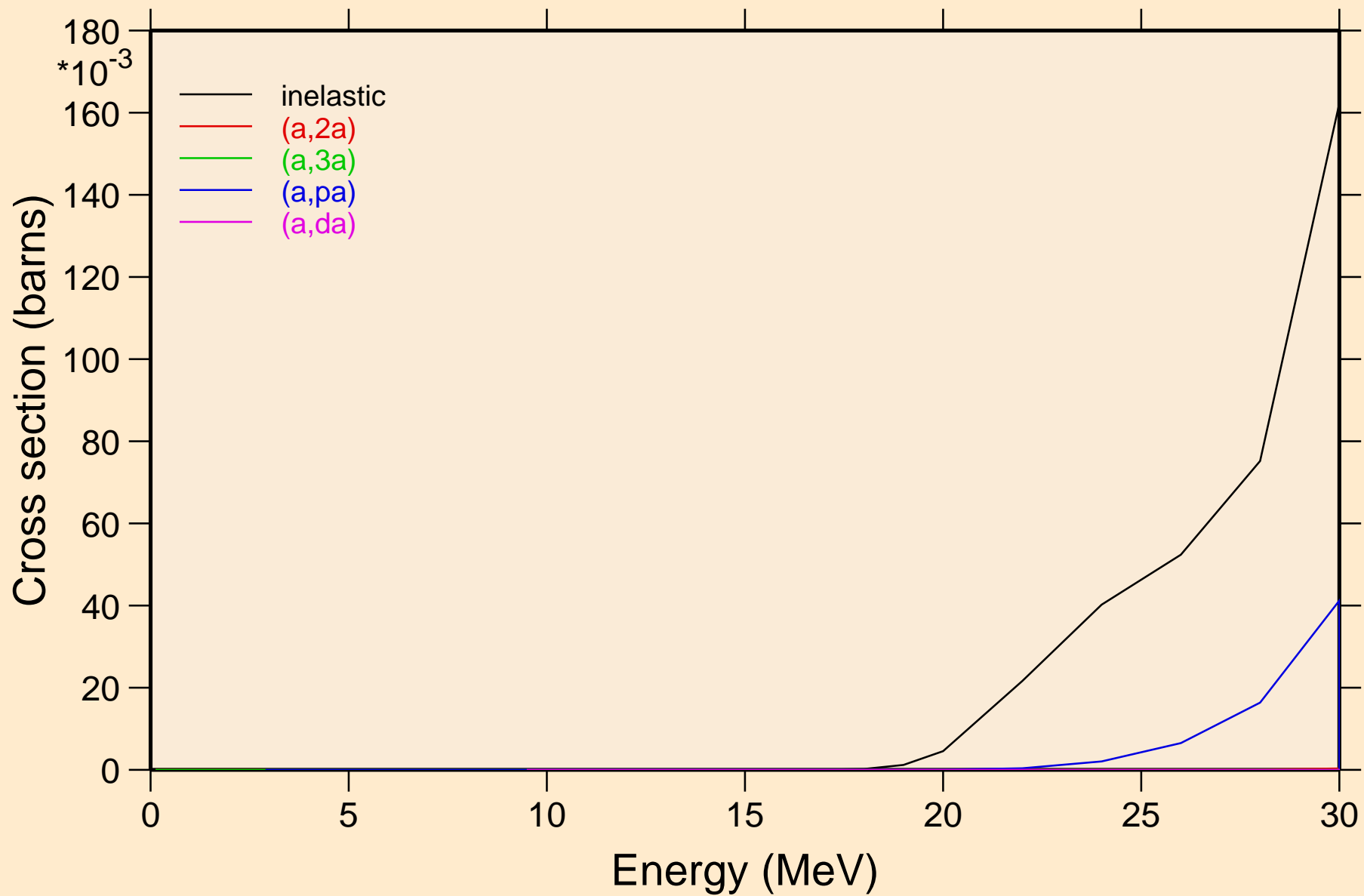
Heating



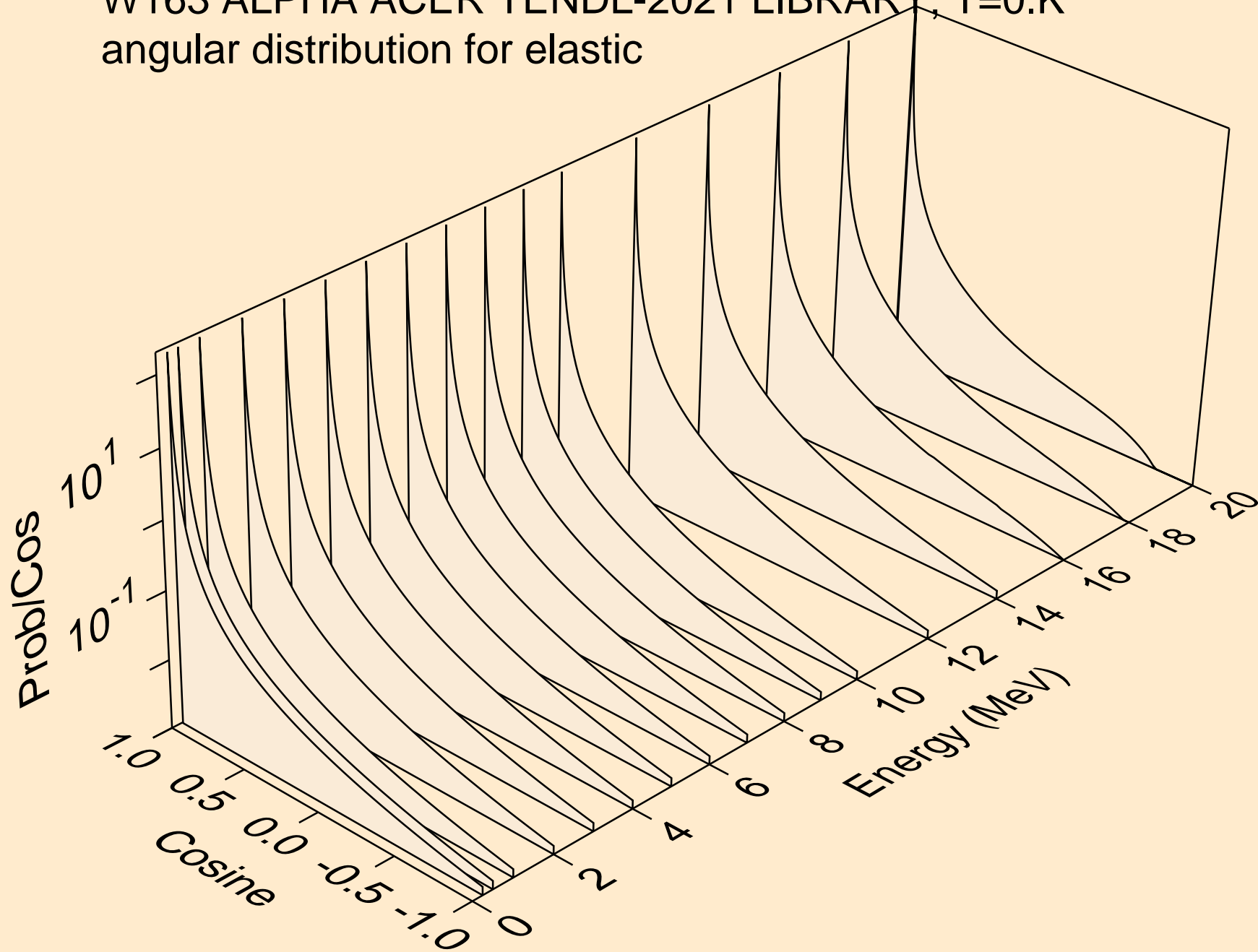
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



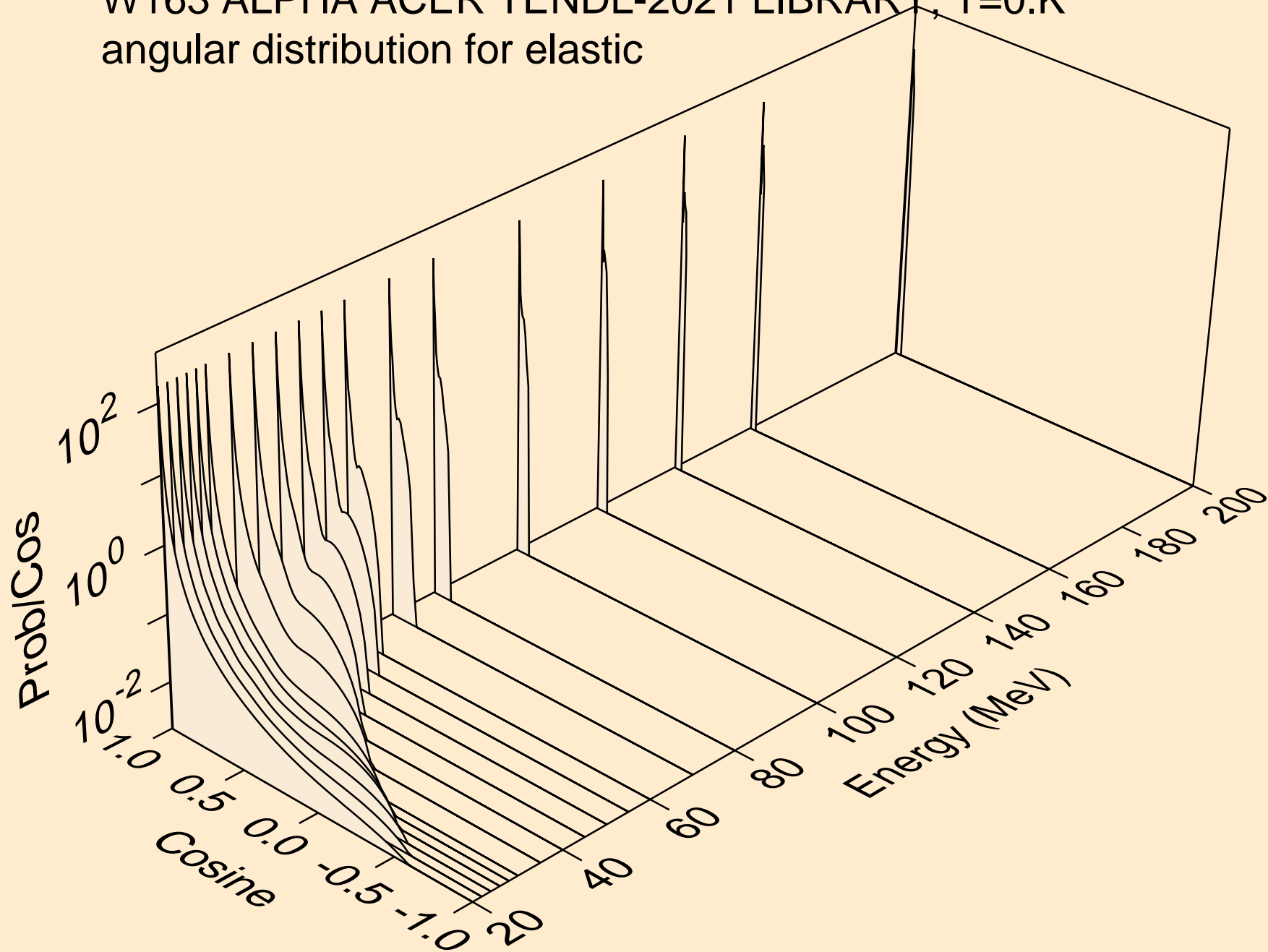
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

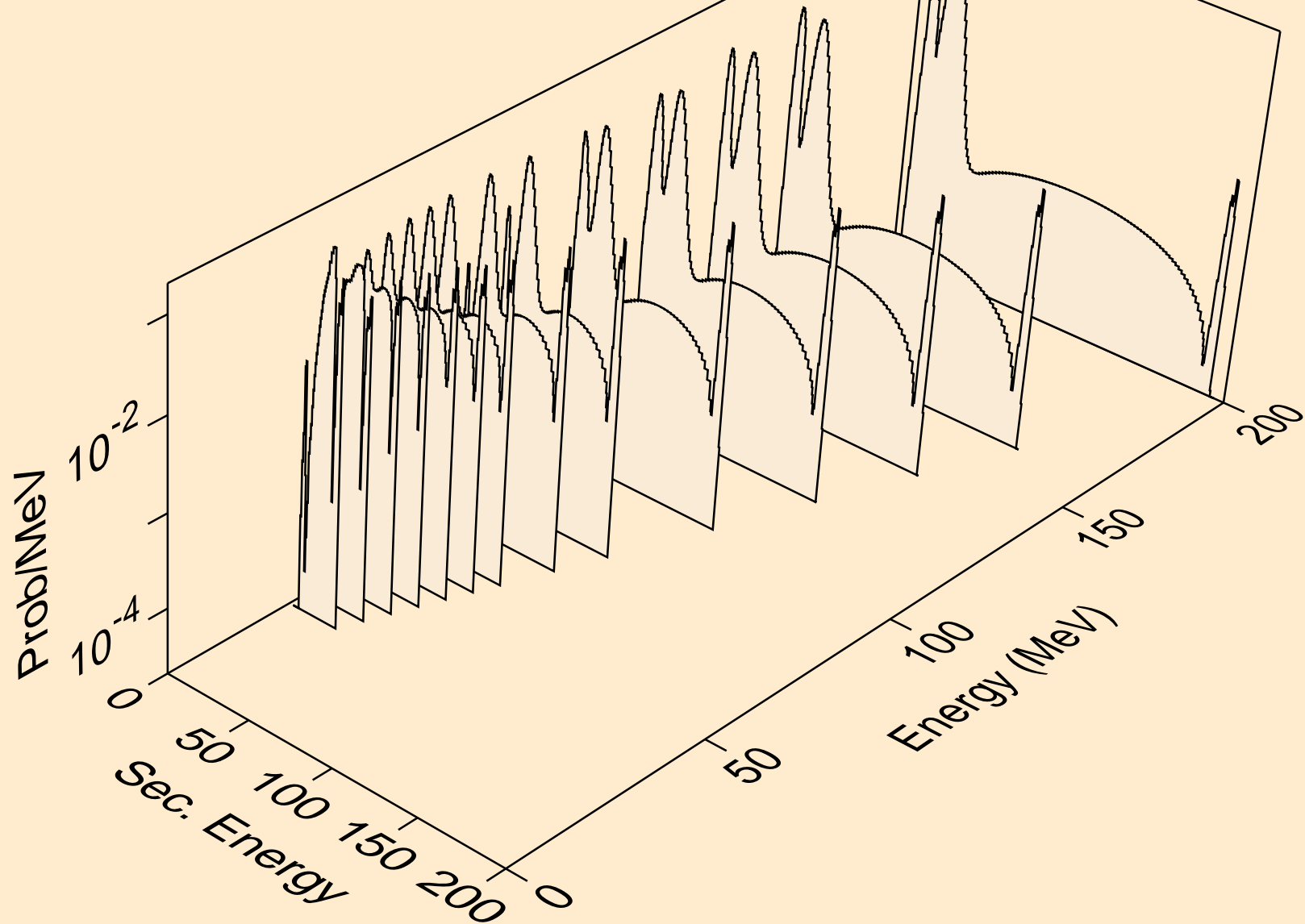


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

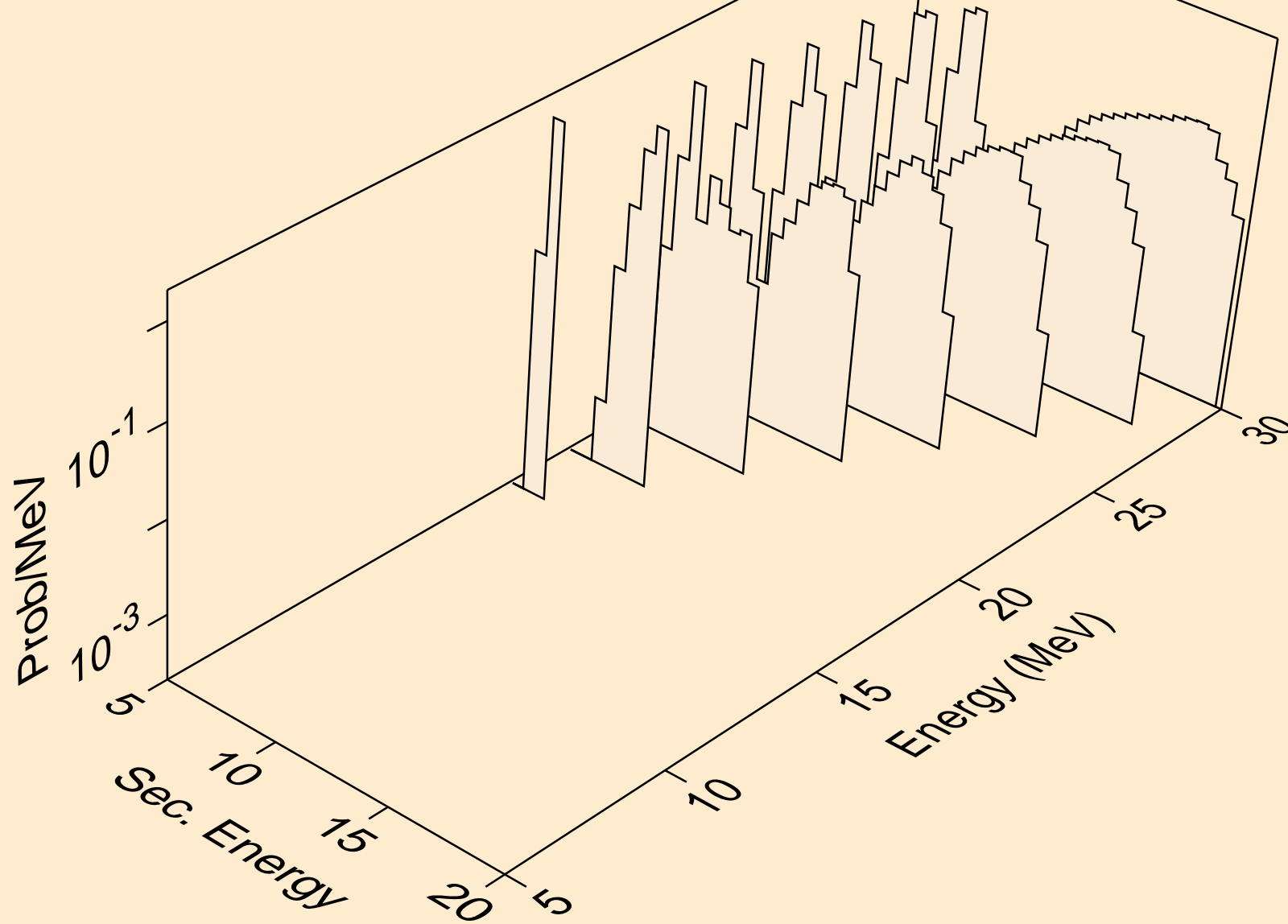




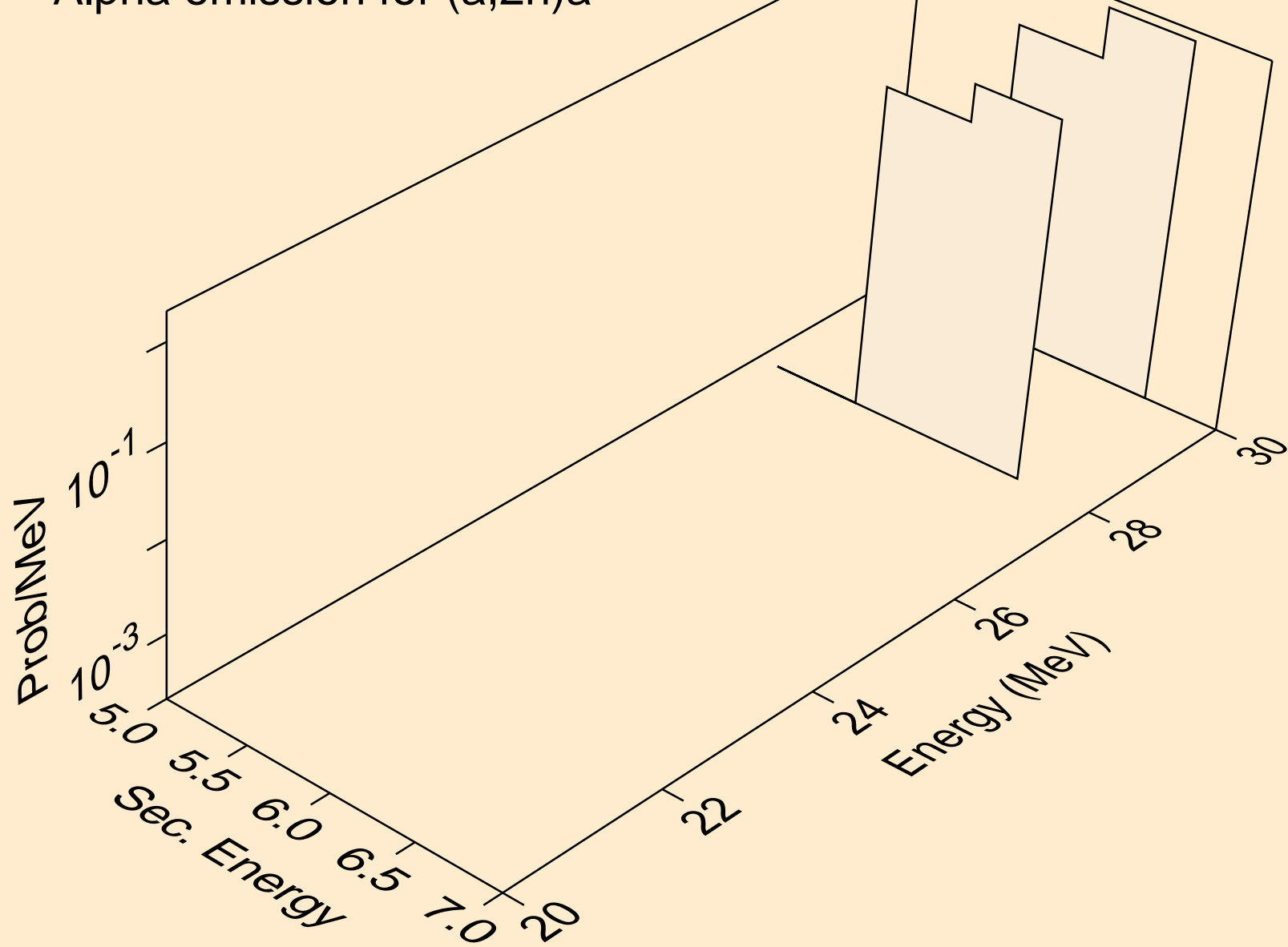
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



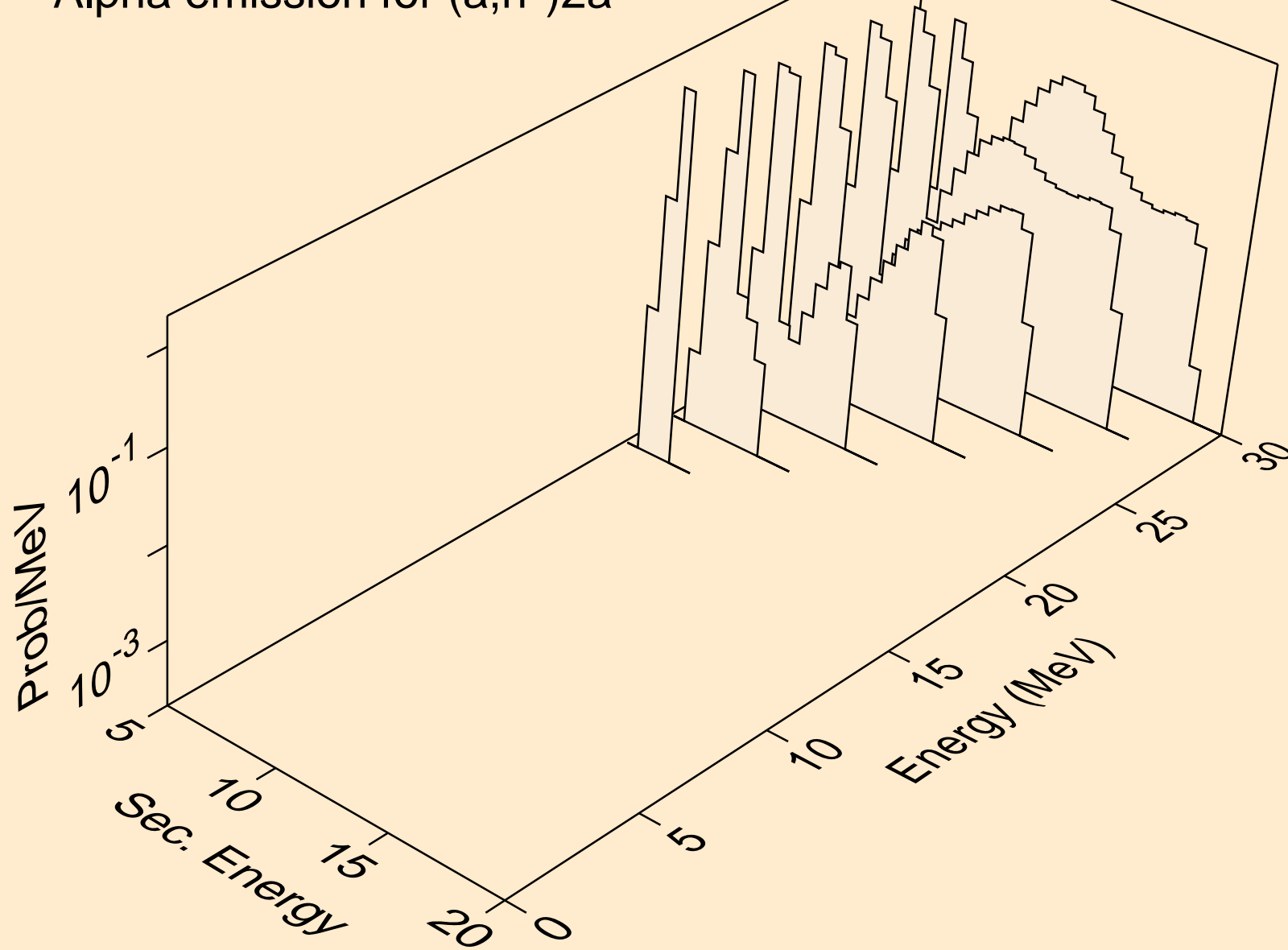
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



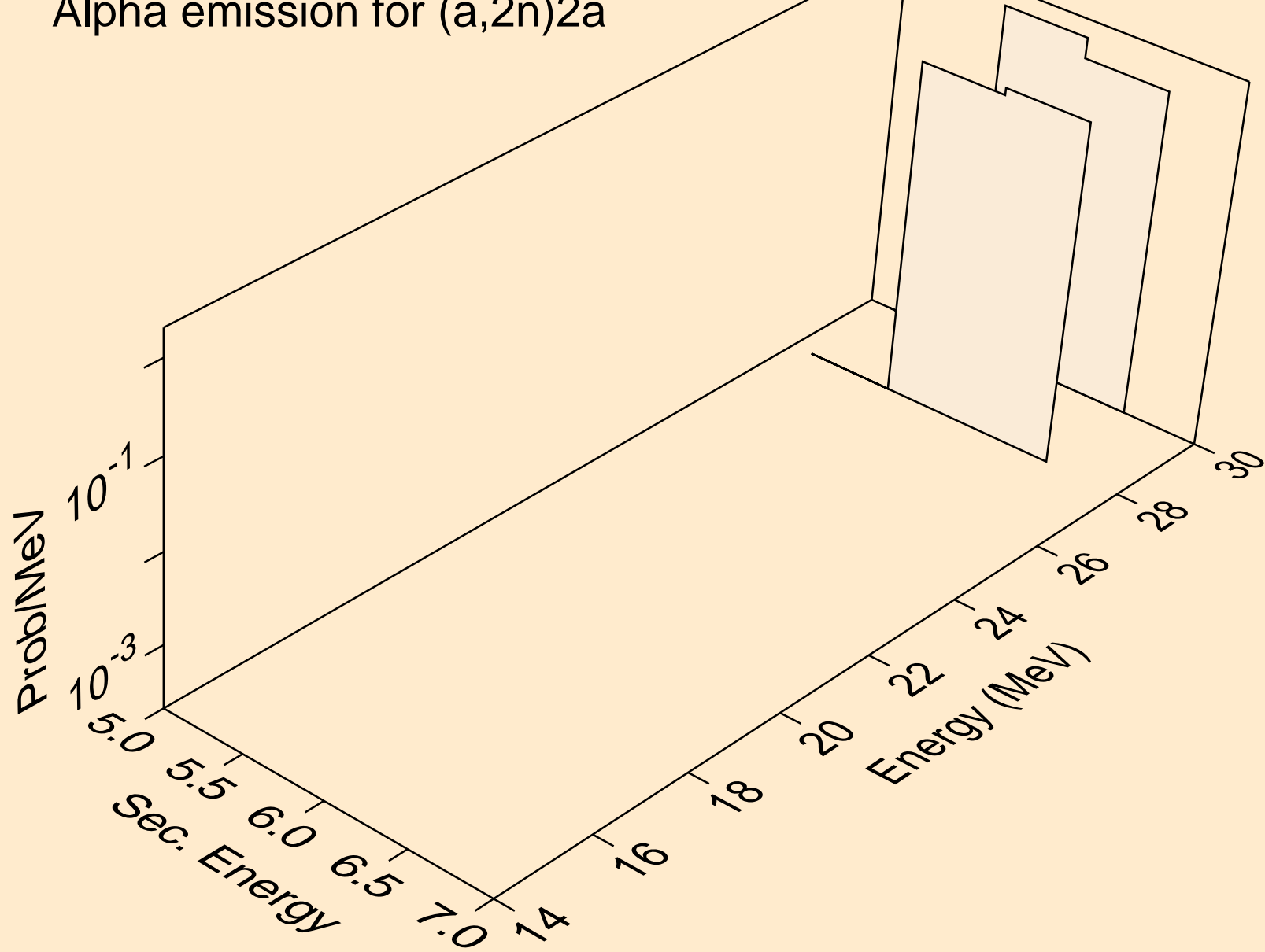
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



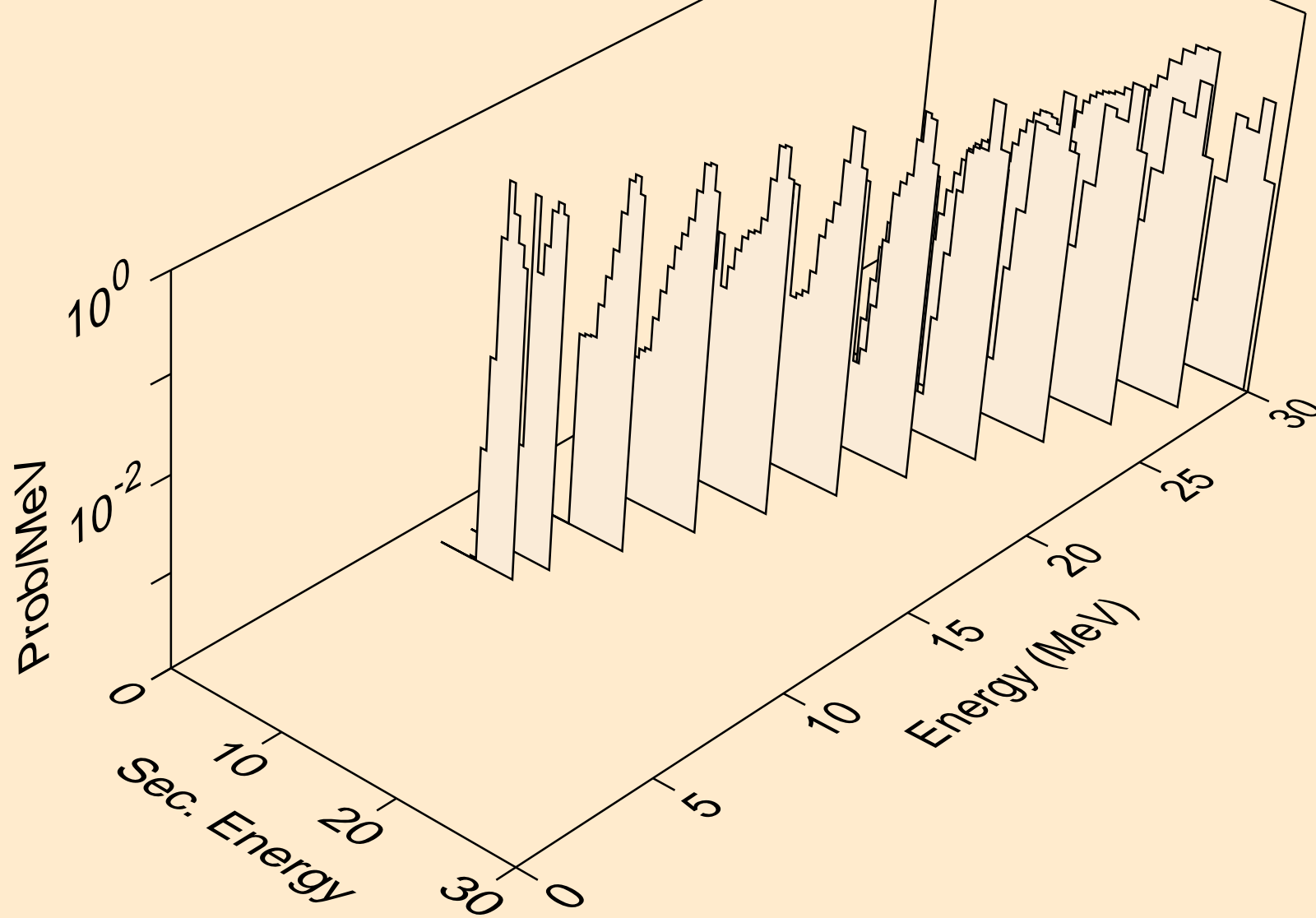
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)2a

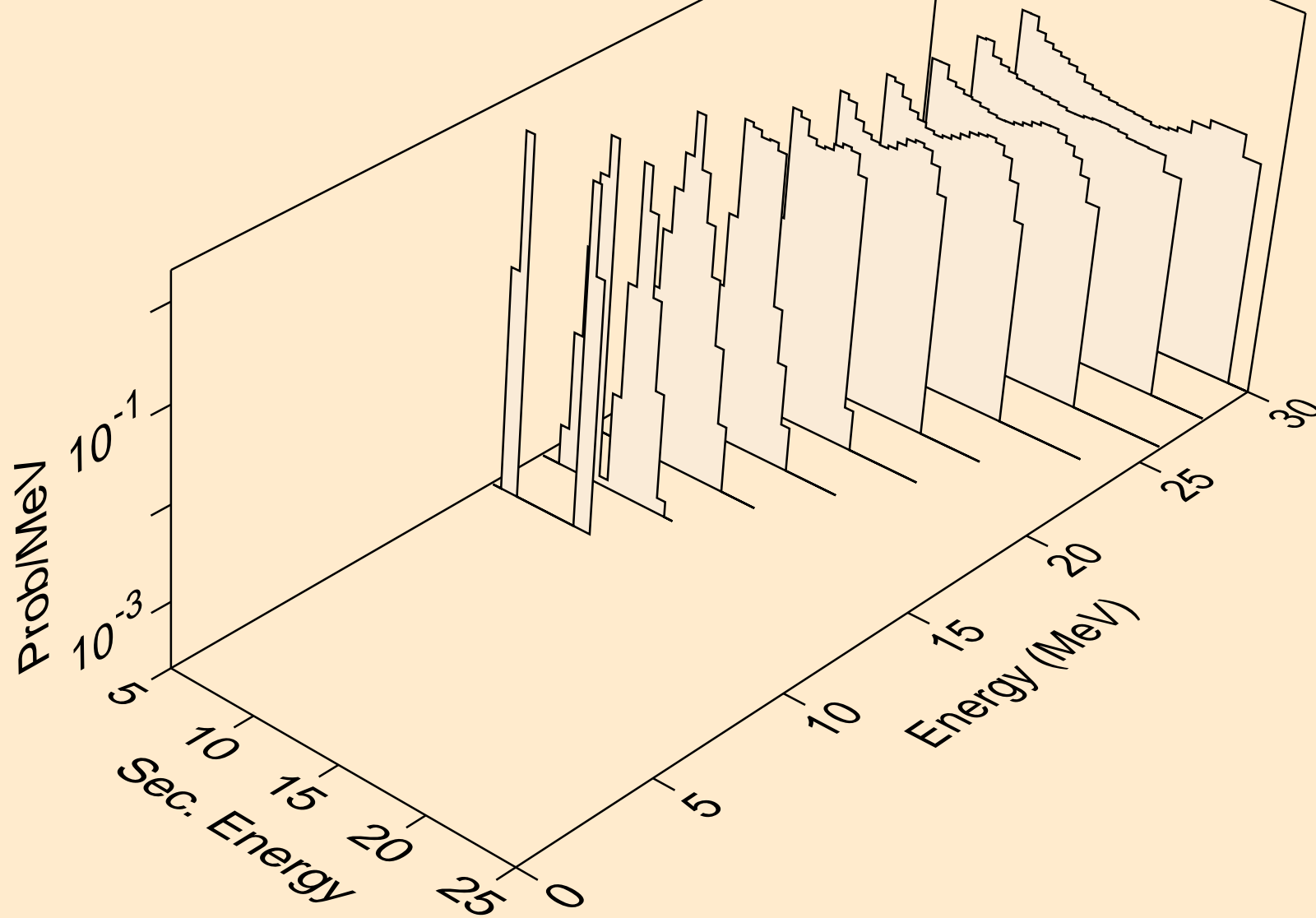


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

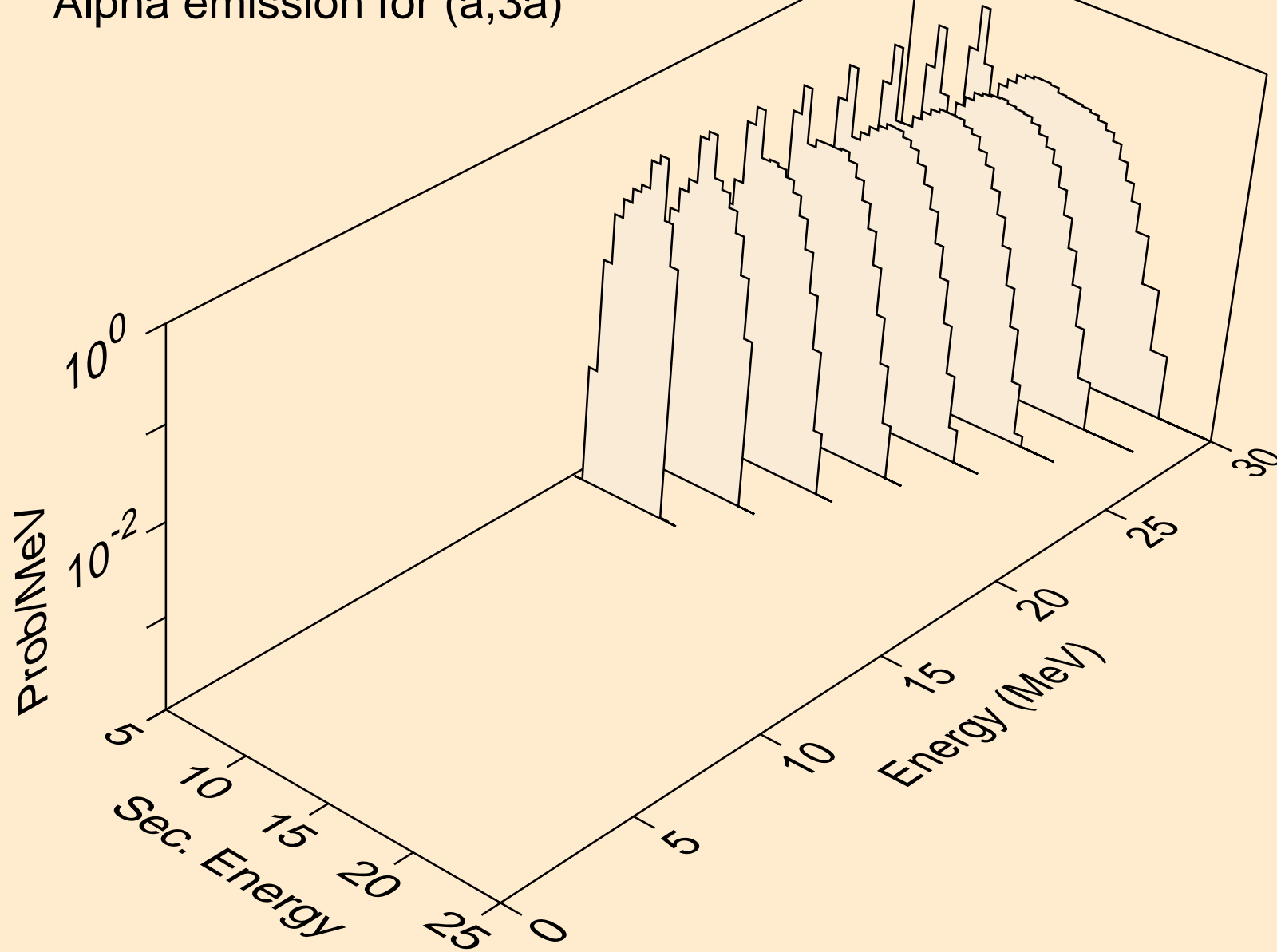


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2a)

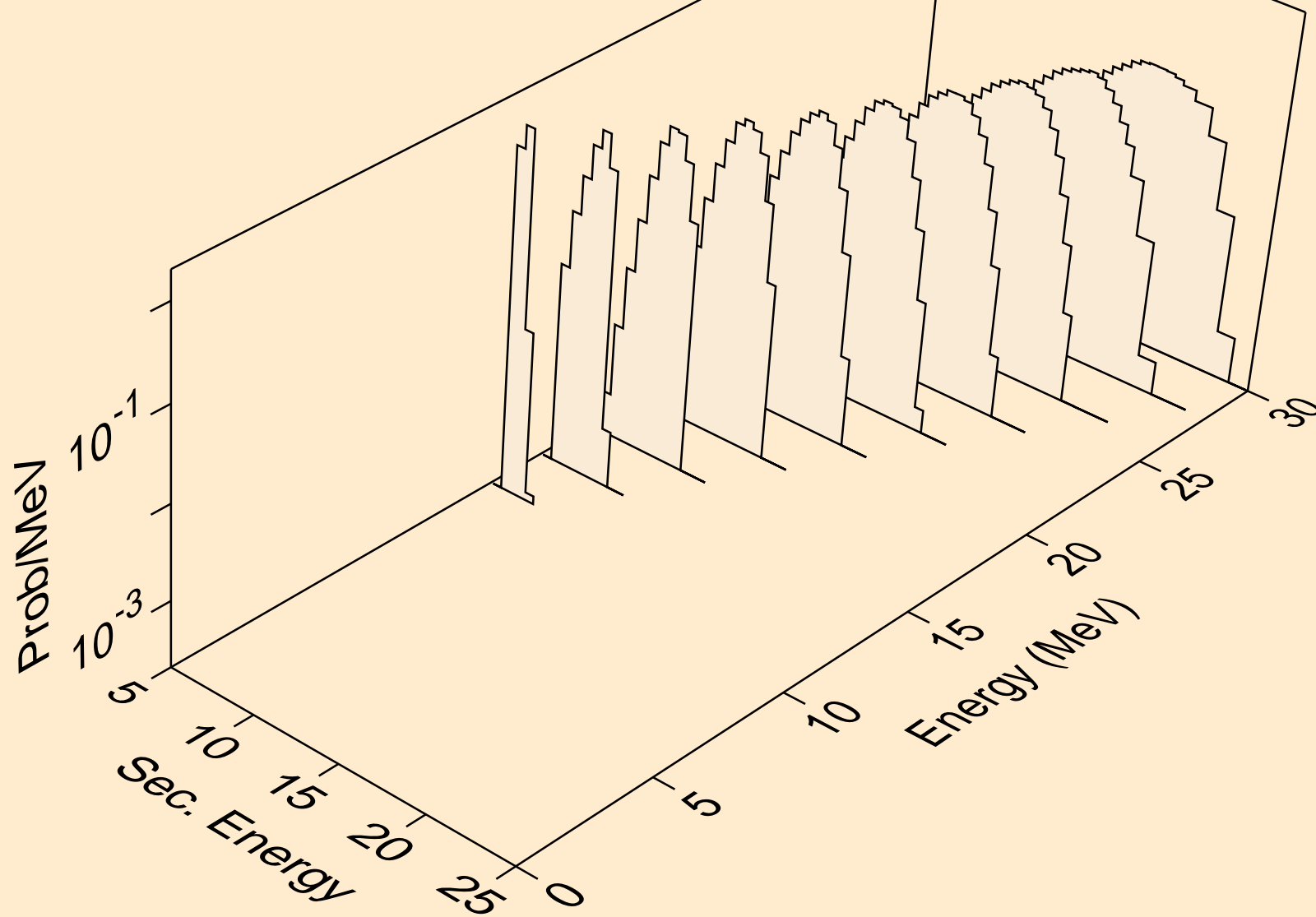


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3a)

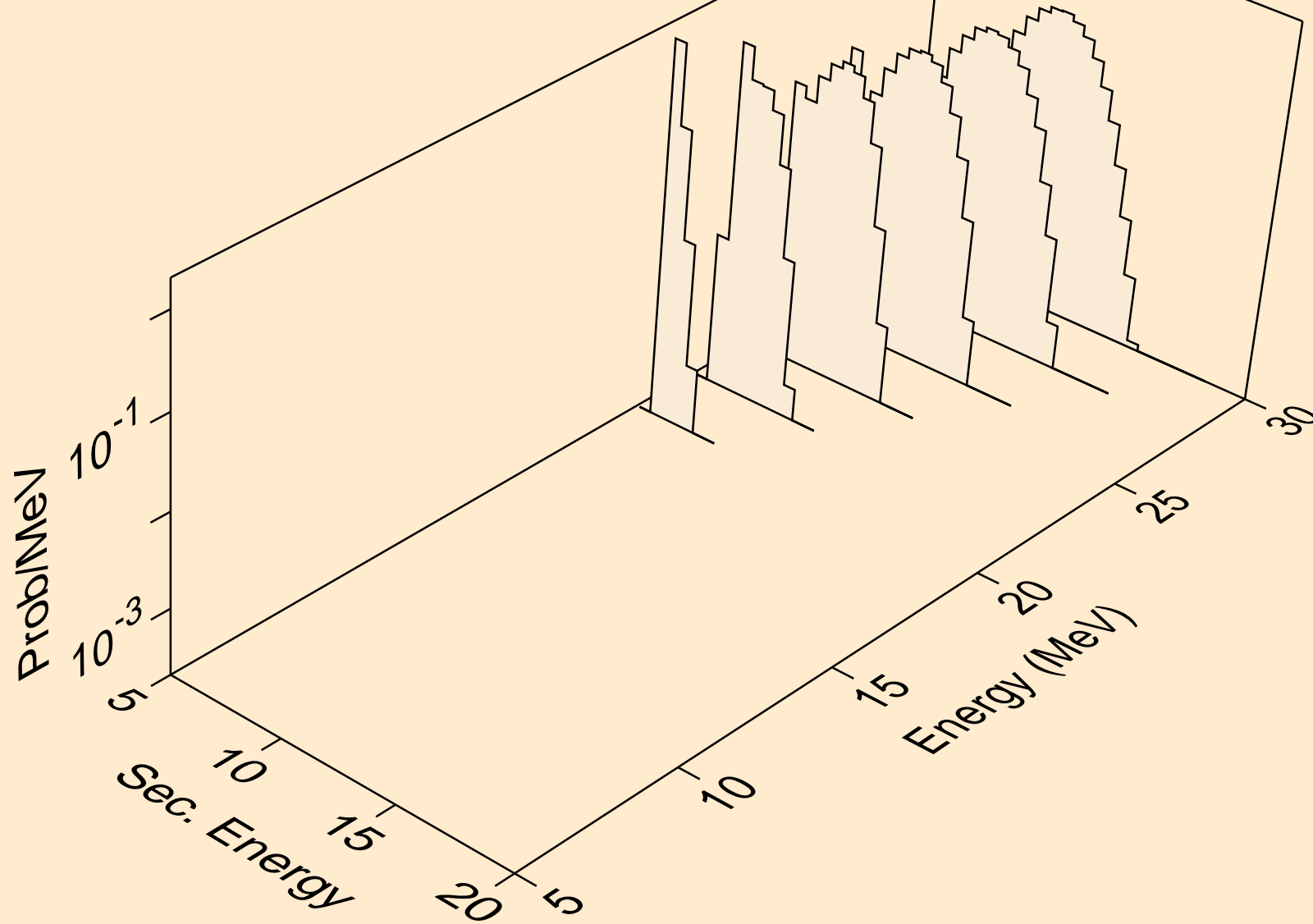




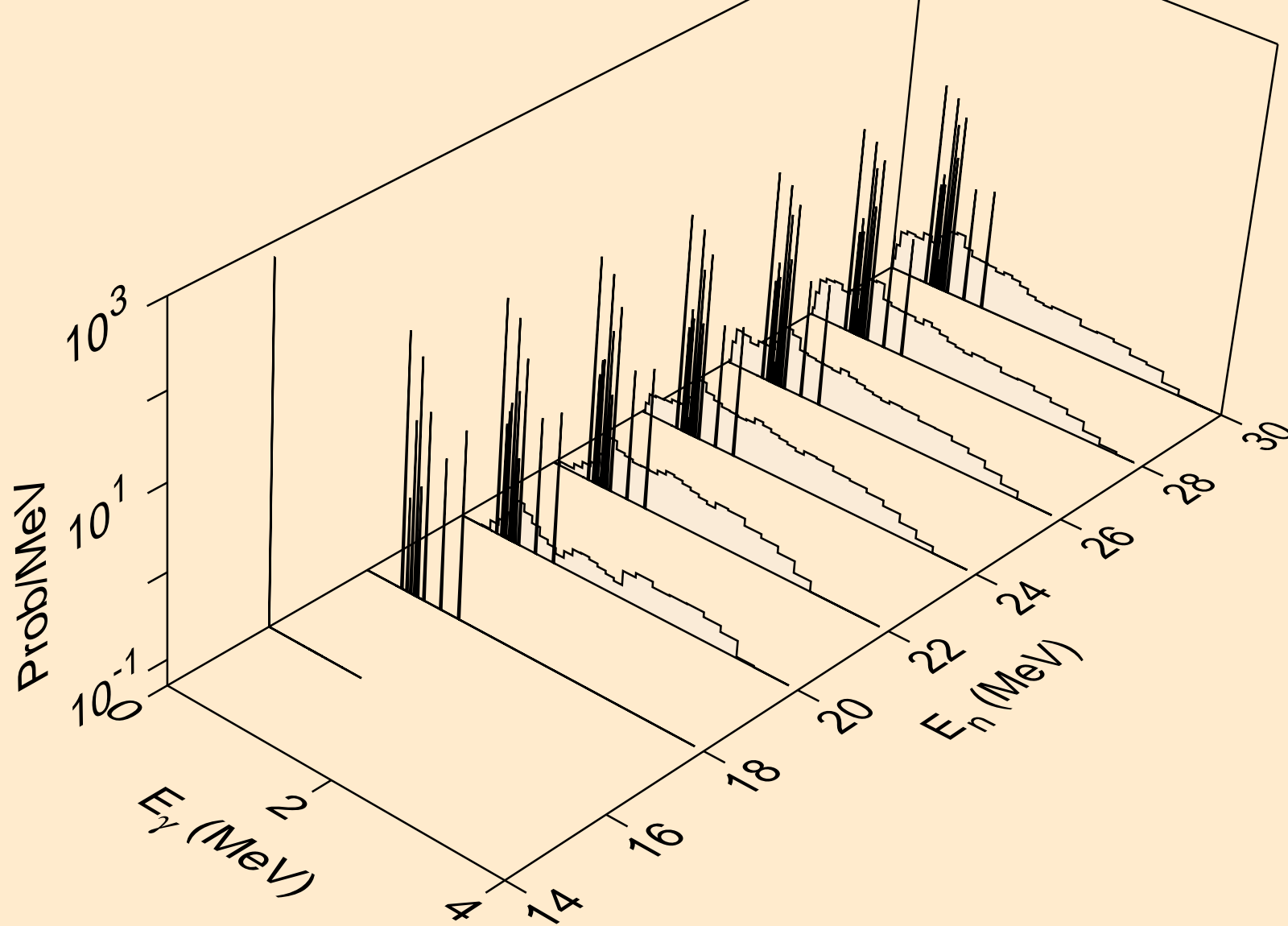
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



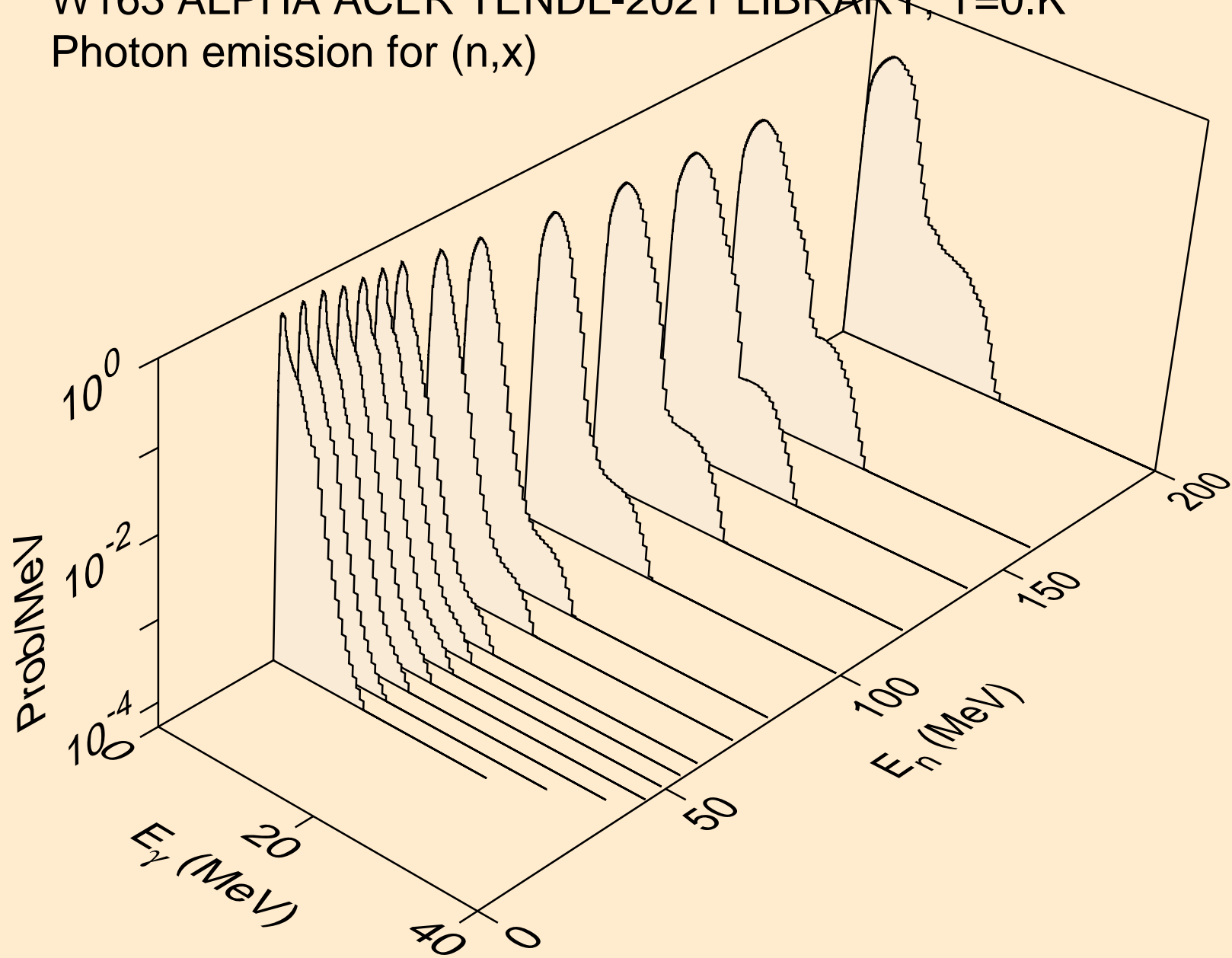
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)



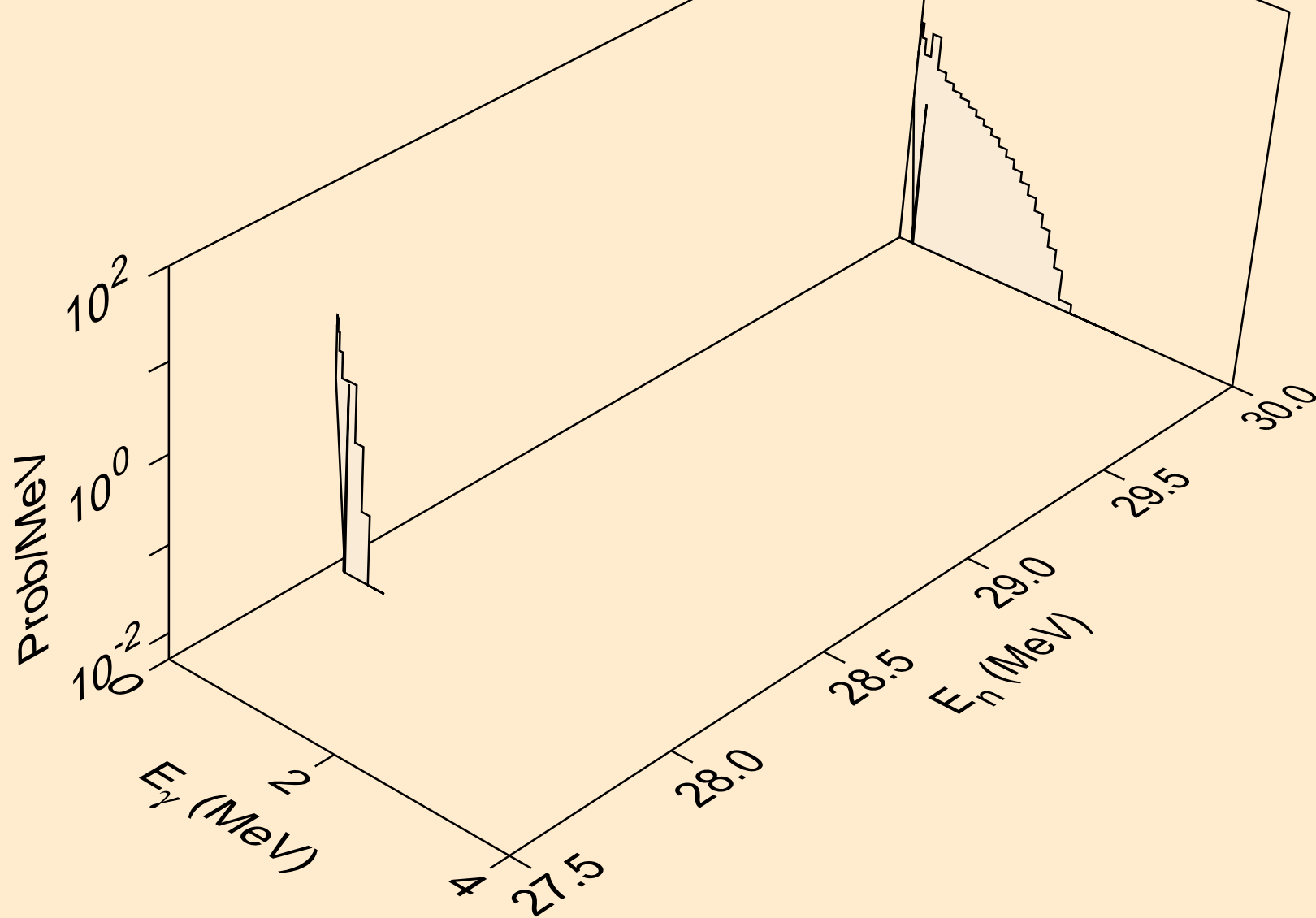
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



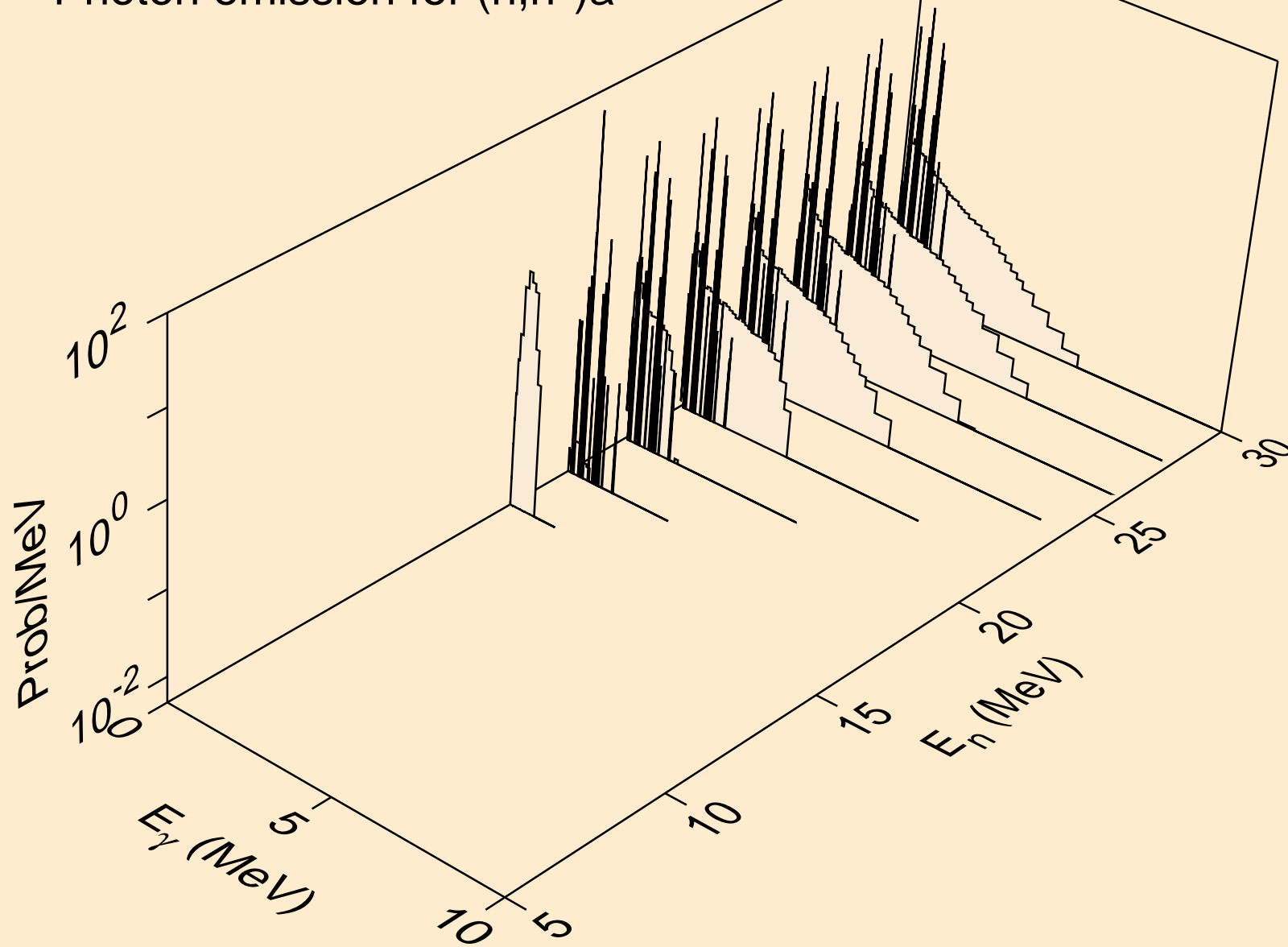
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



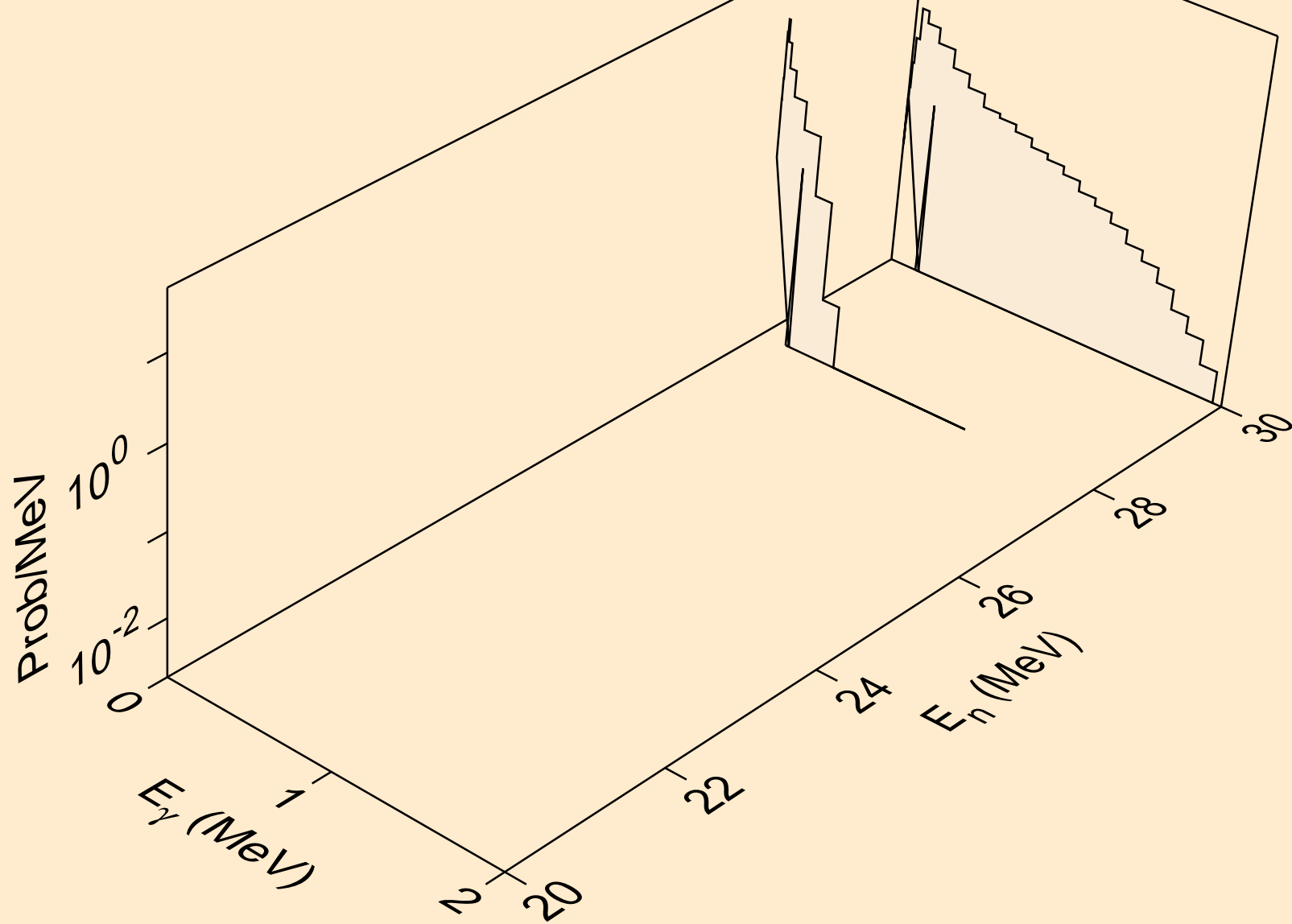
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



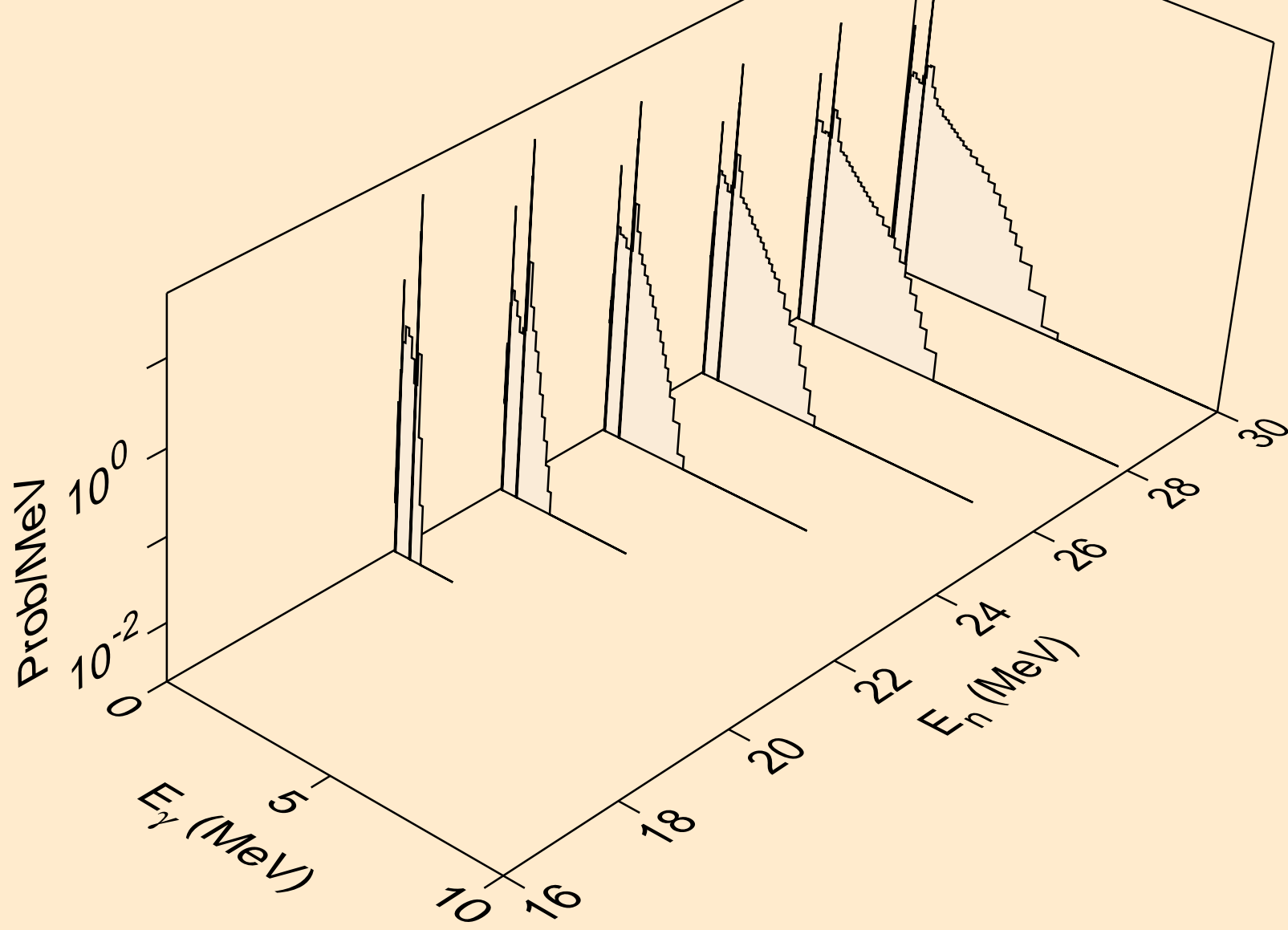
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

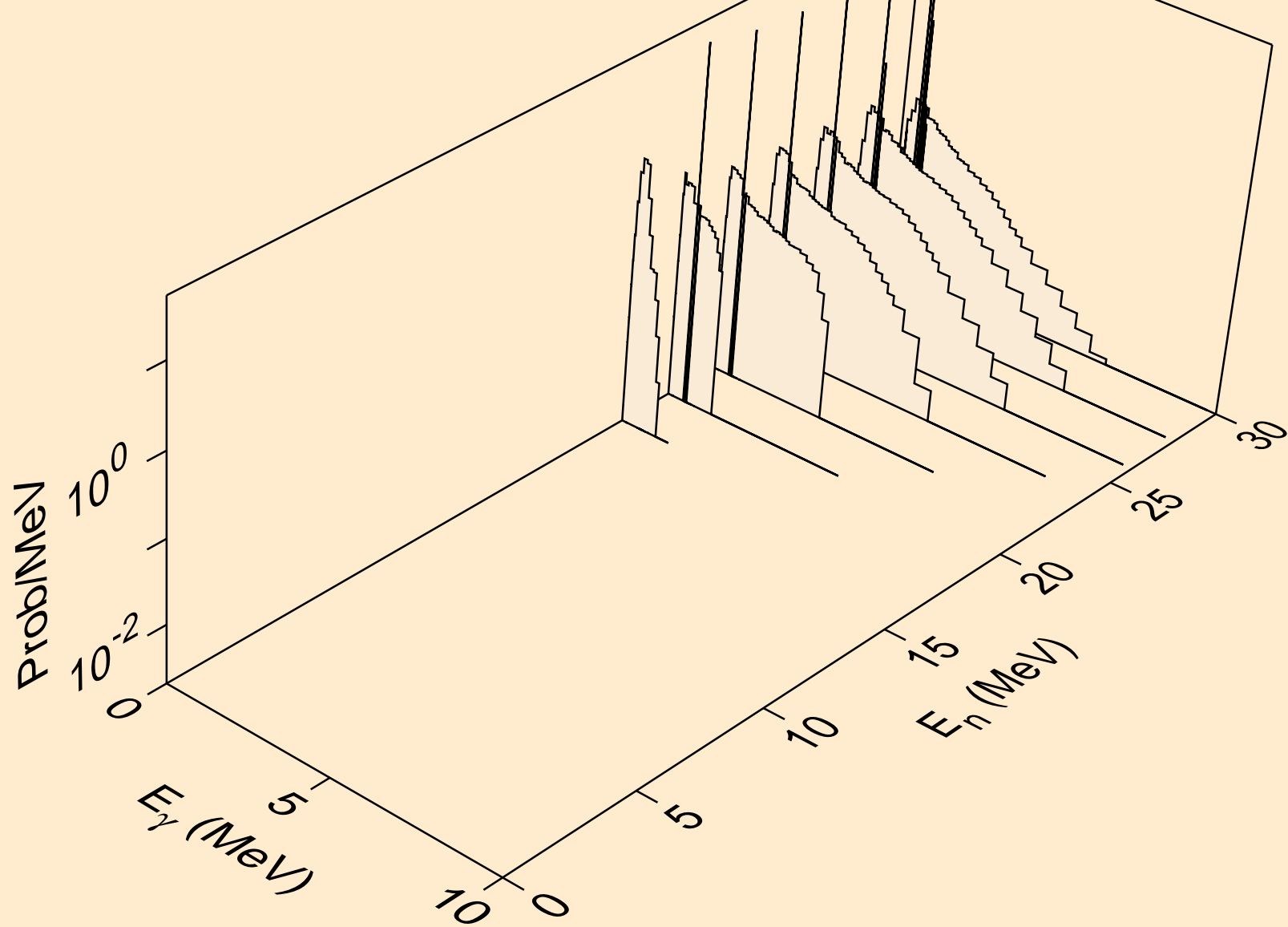


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

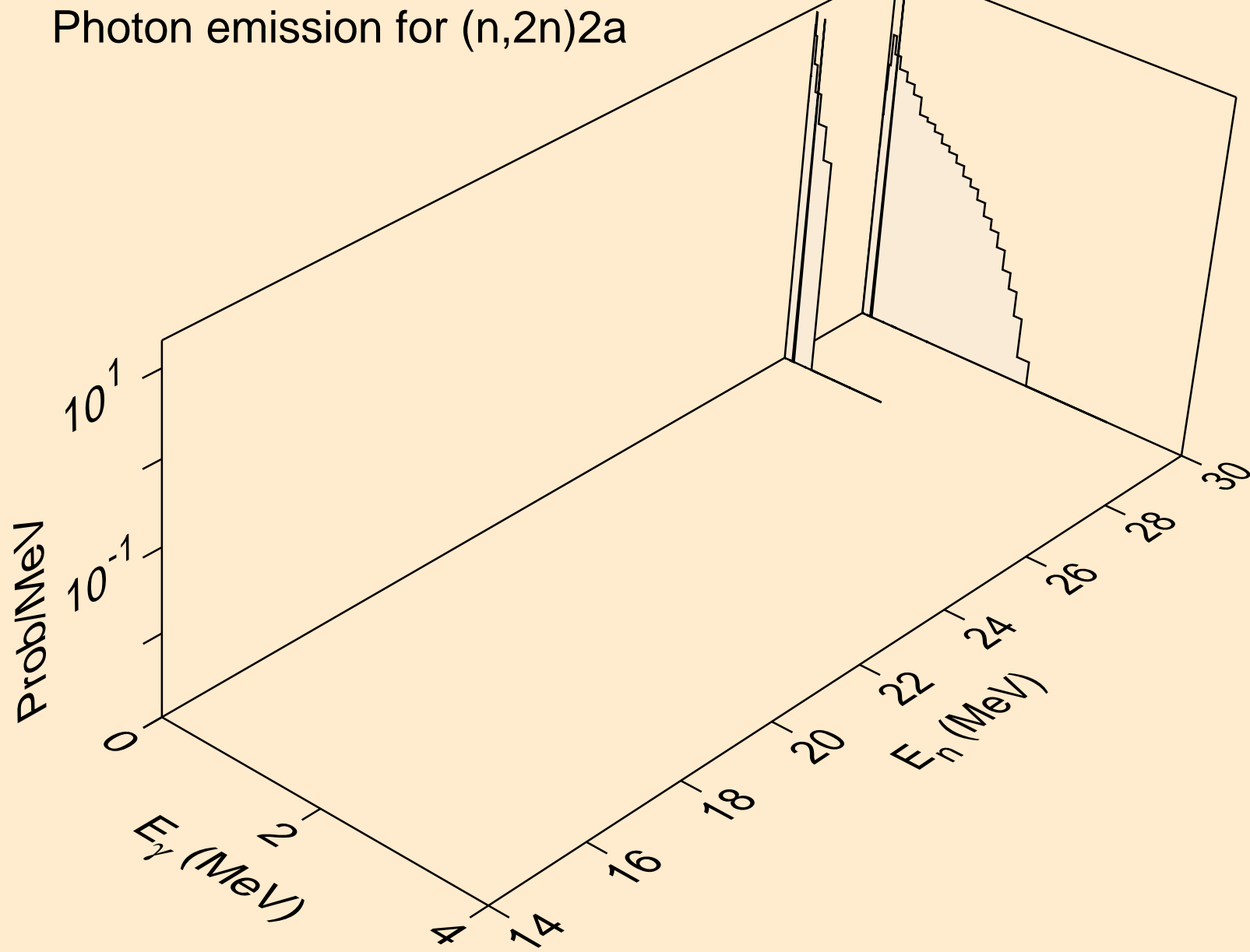




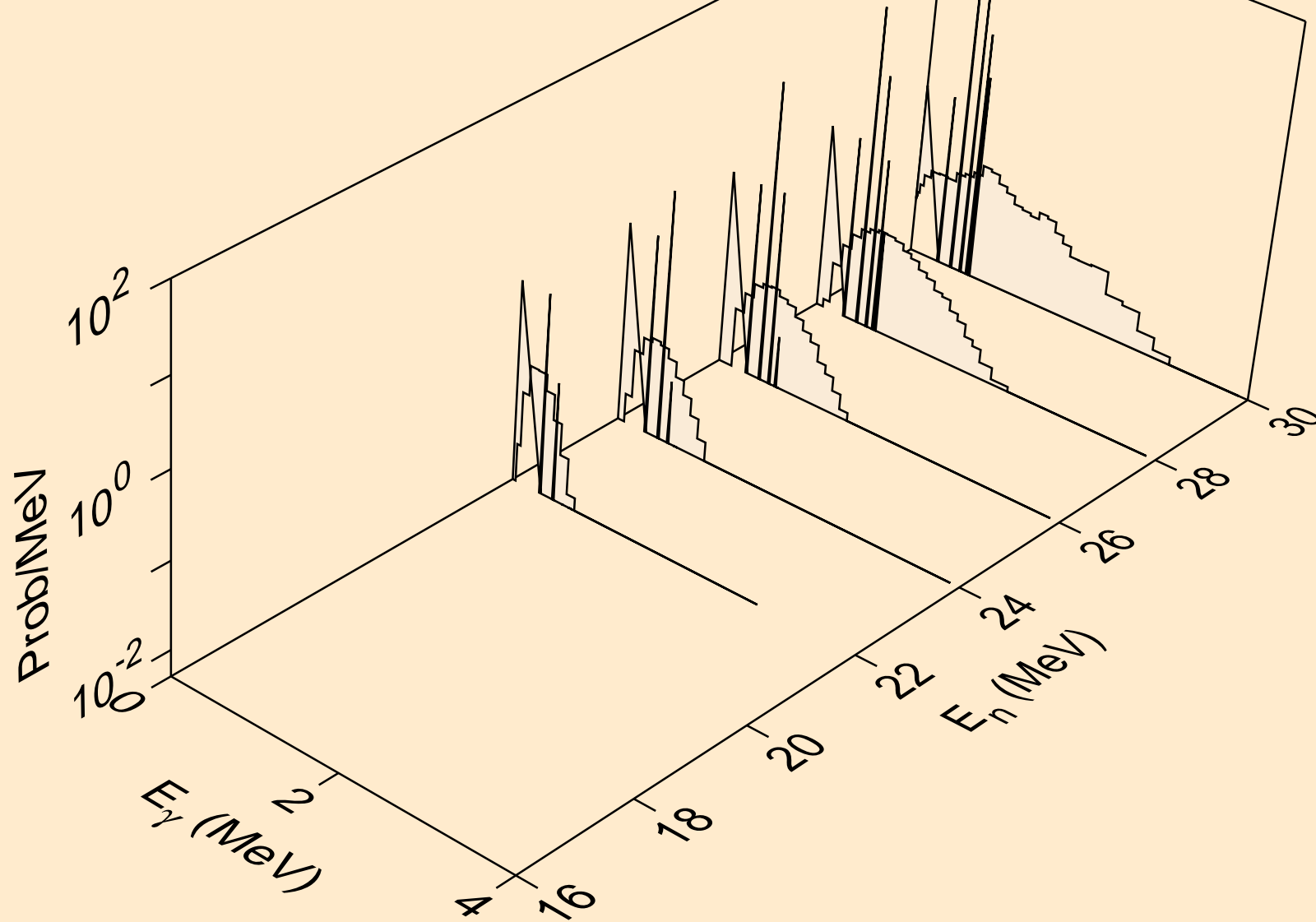
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



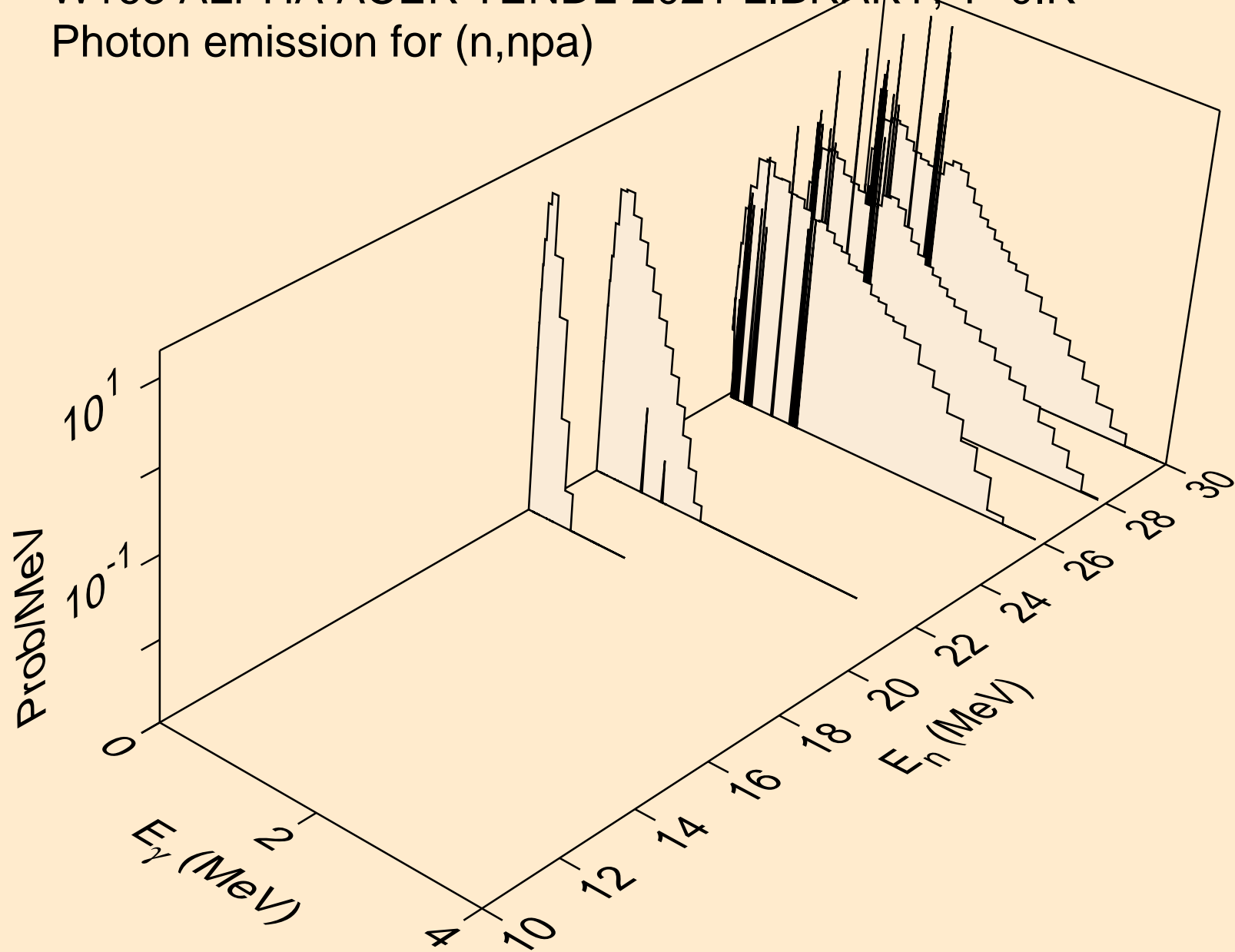
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



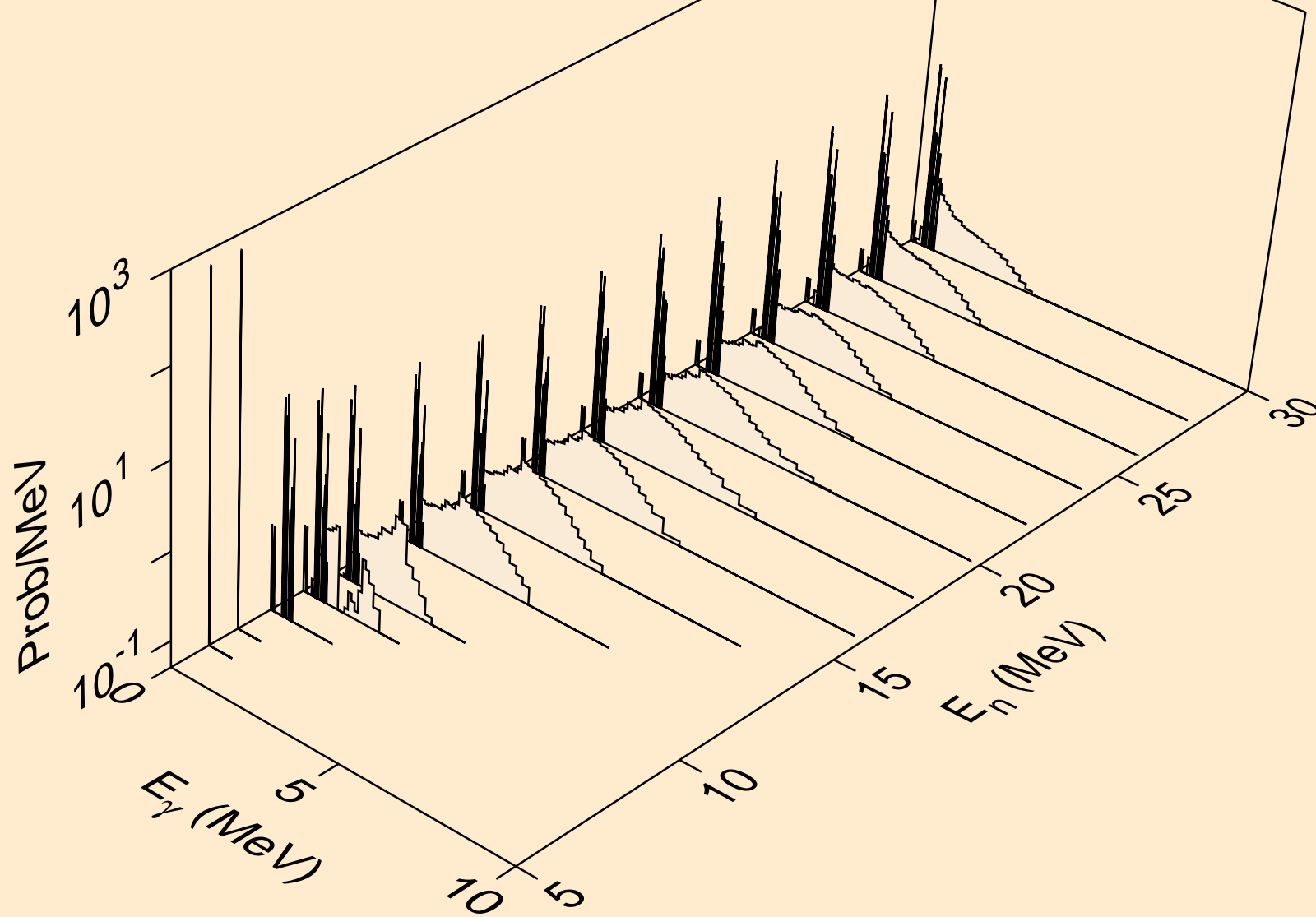
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



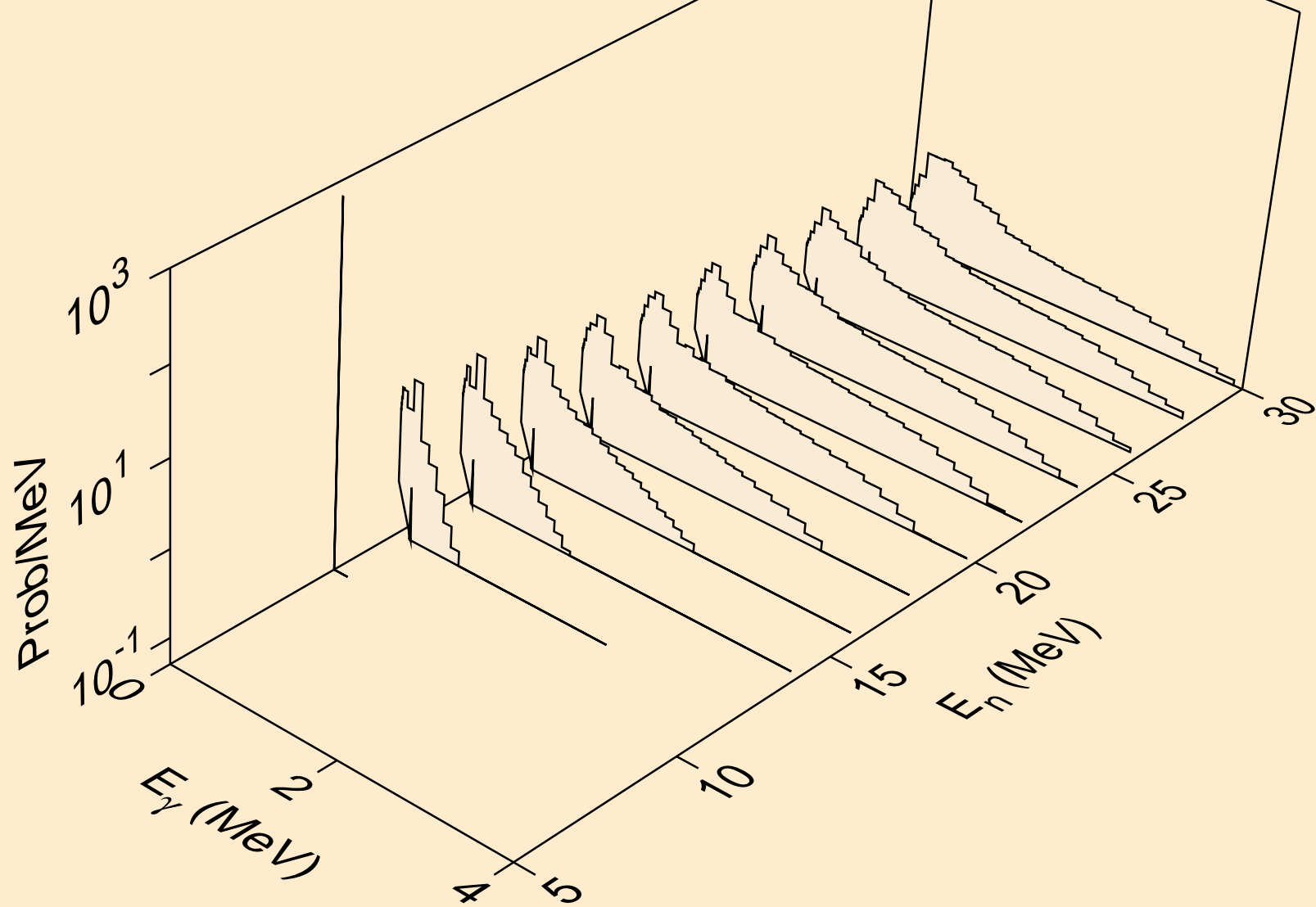
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



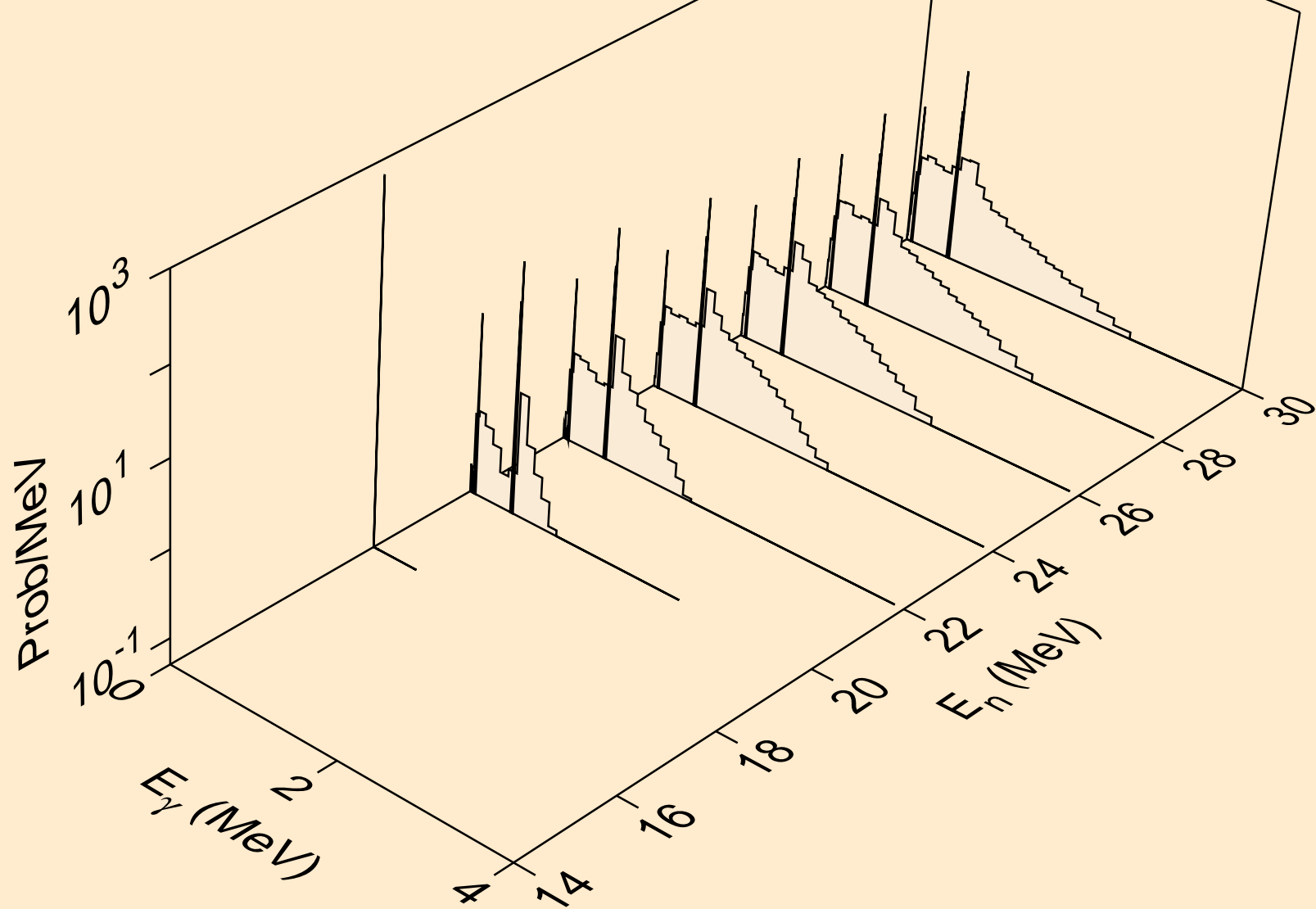
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



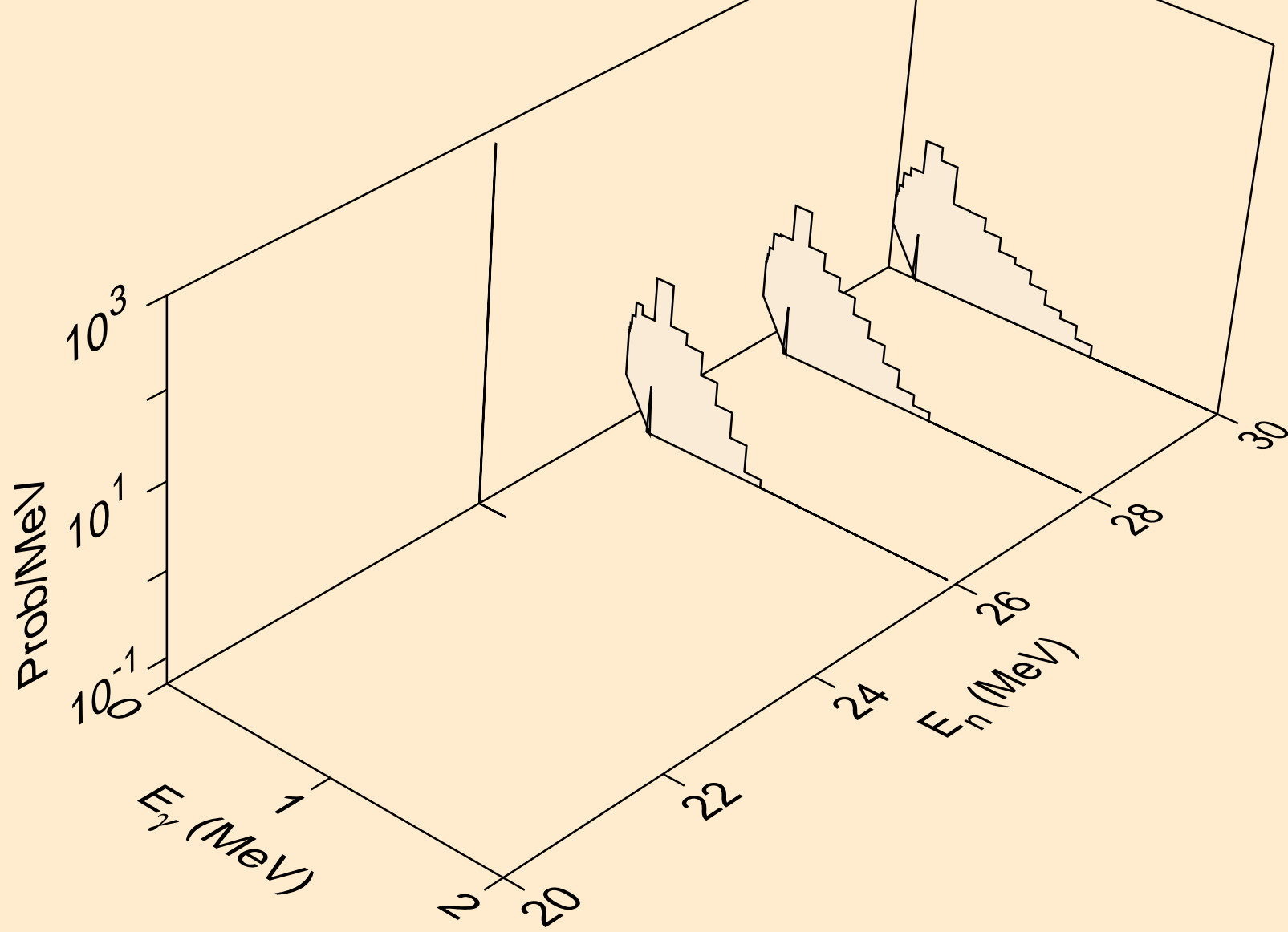
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

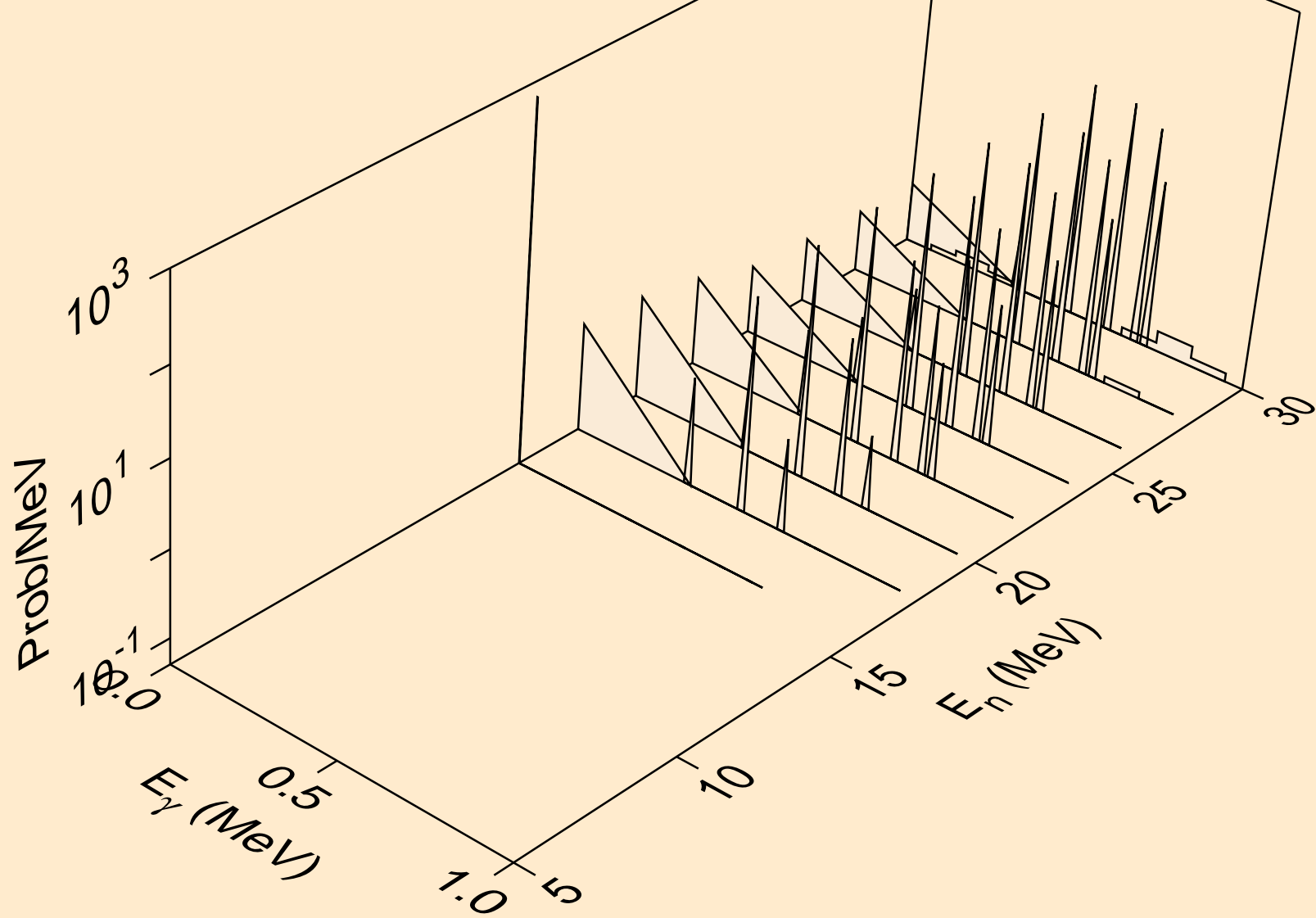


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

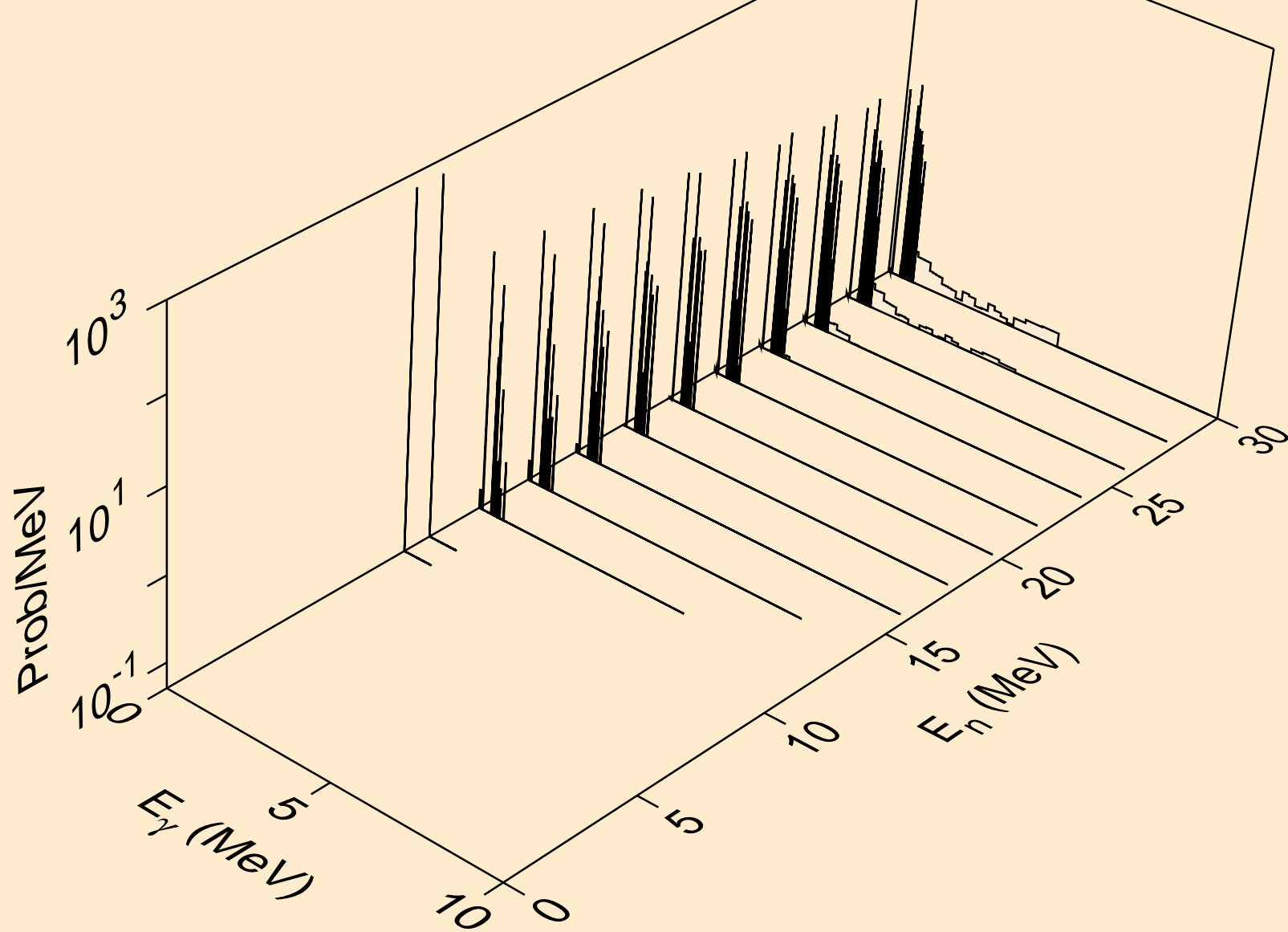




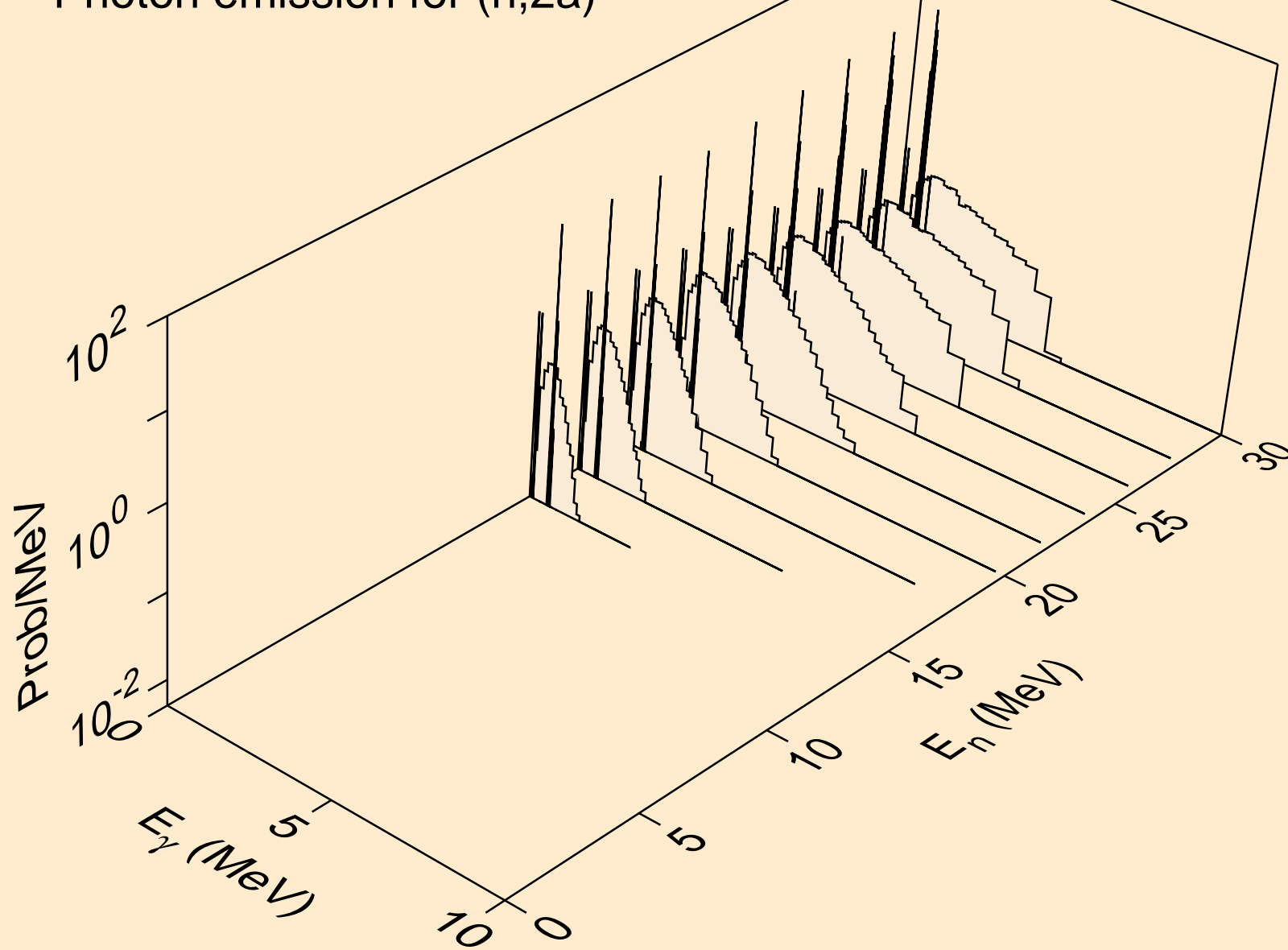
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



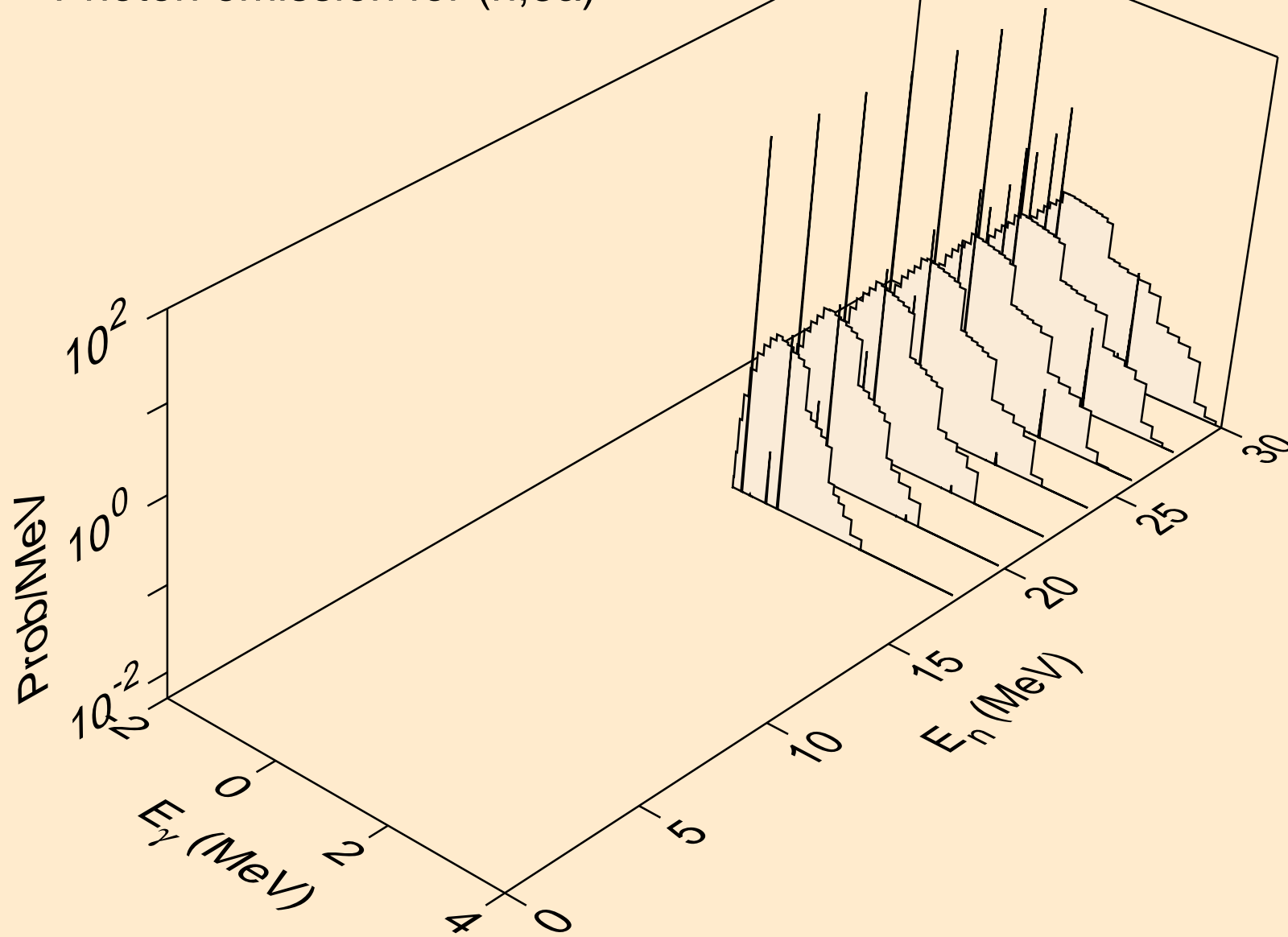
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



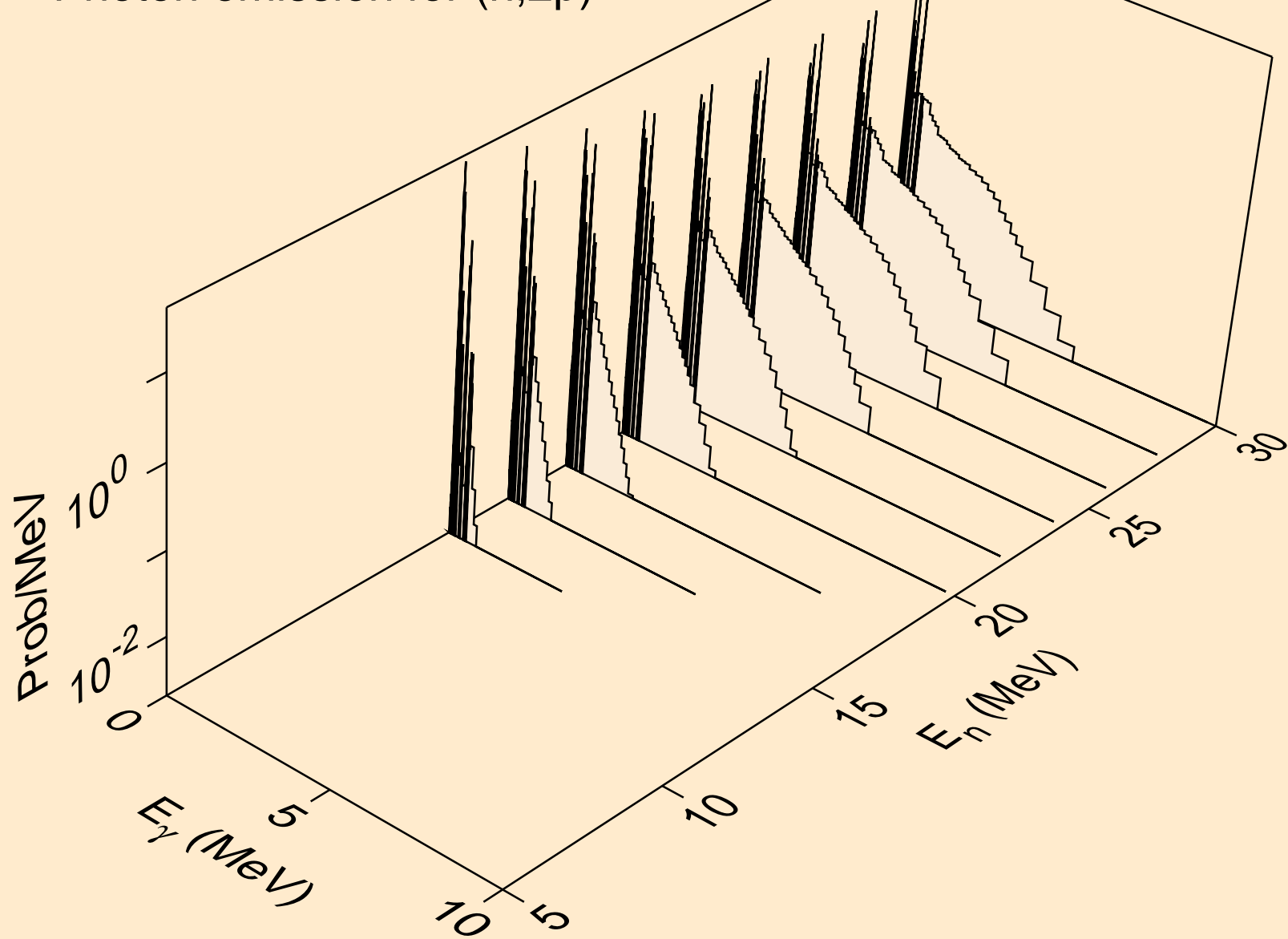
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



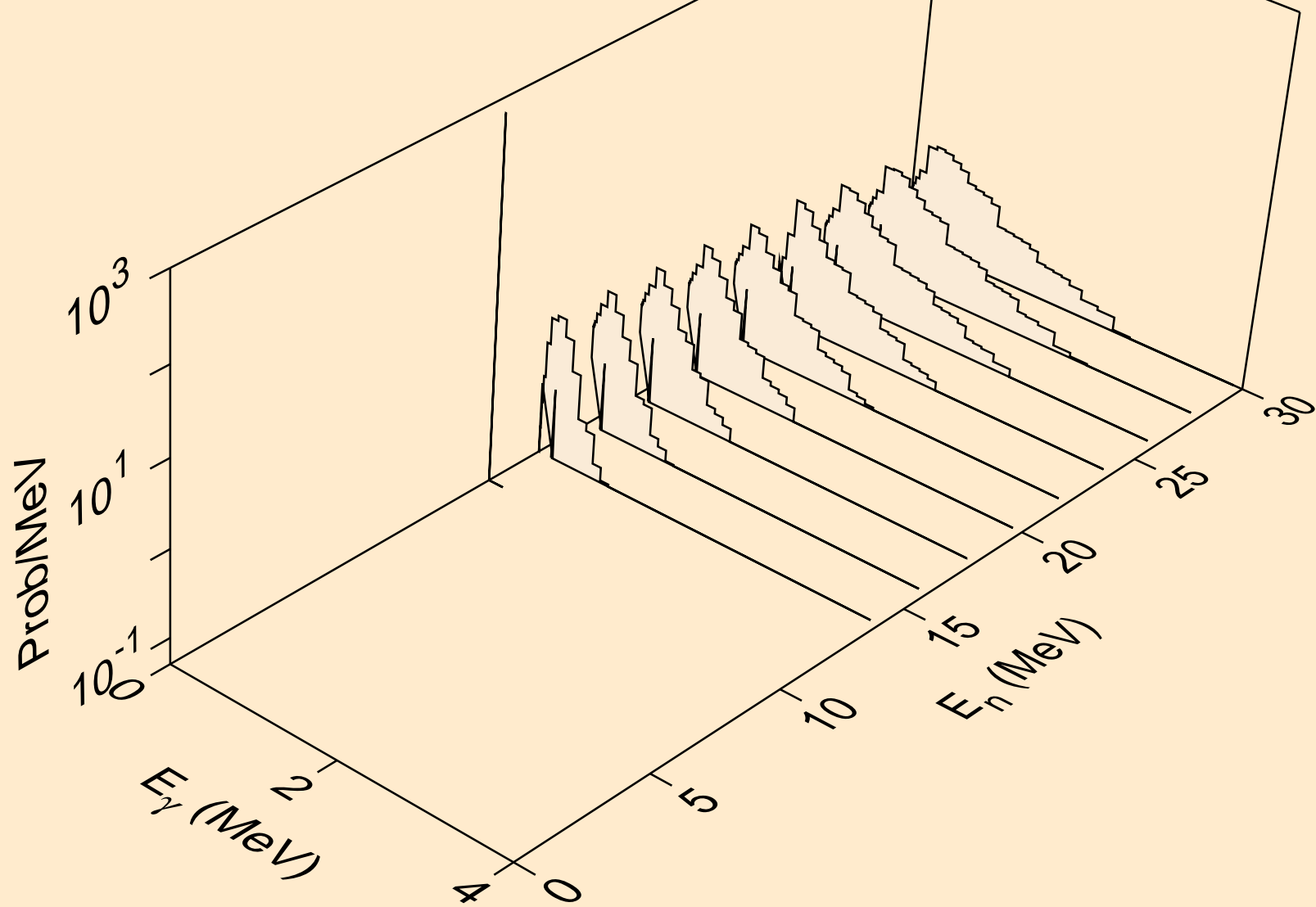
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



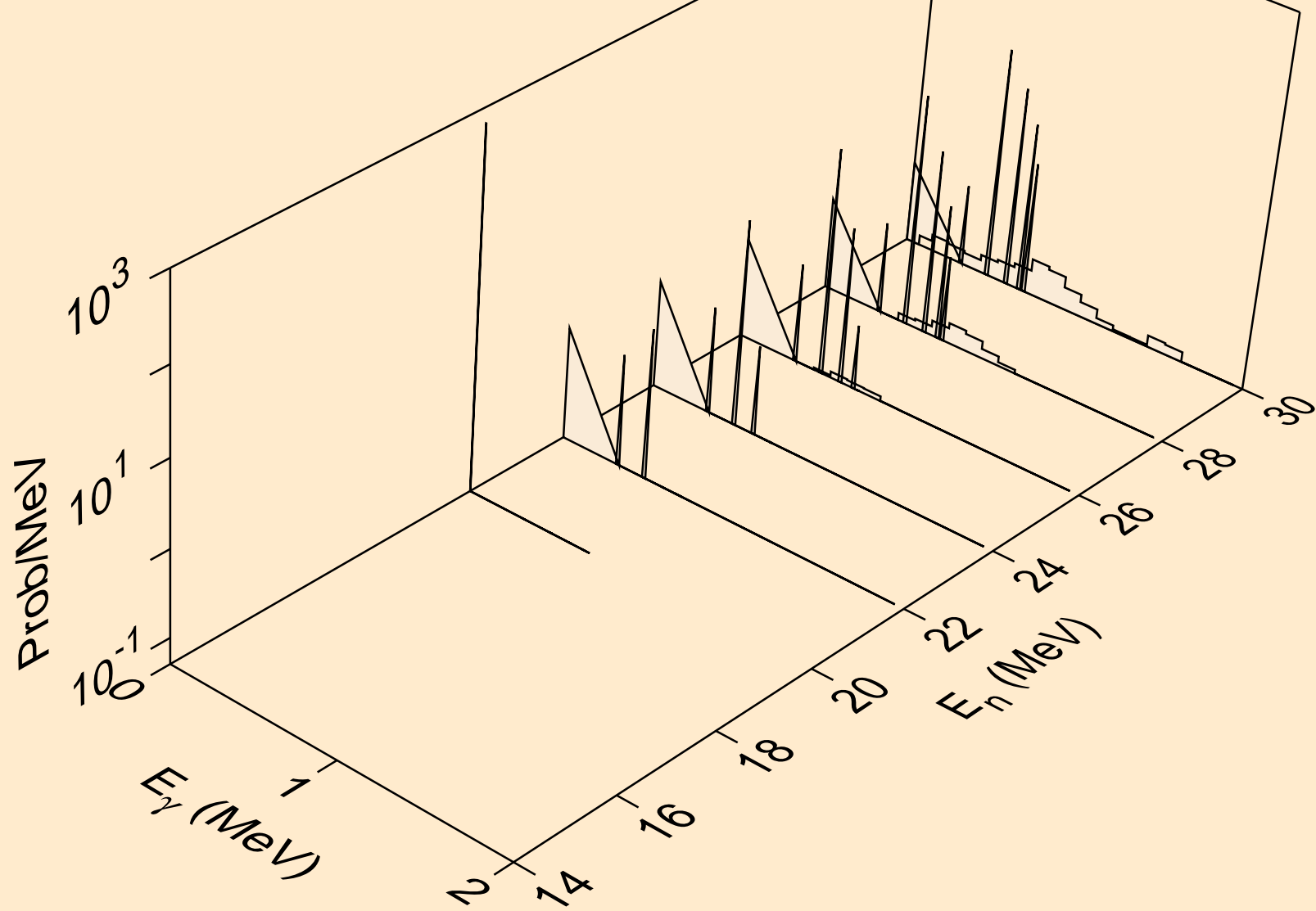
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



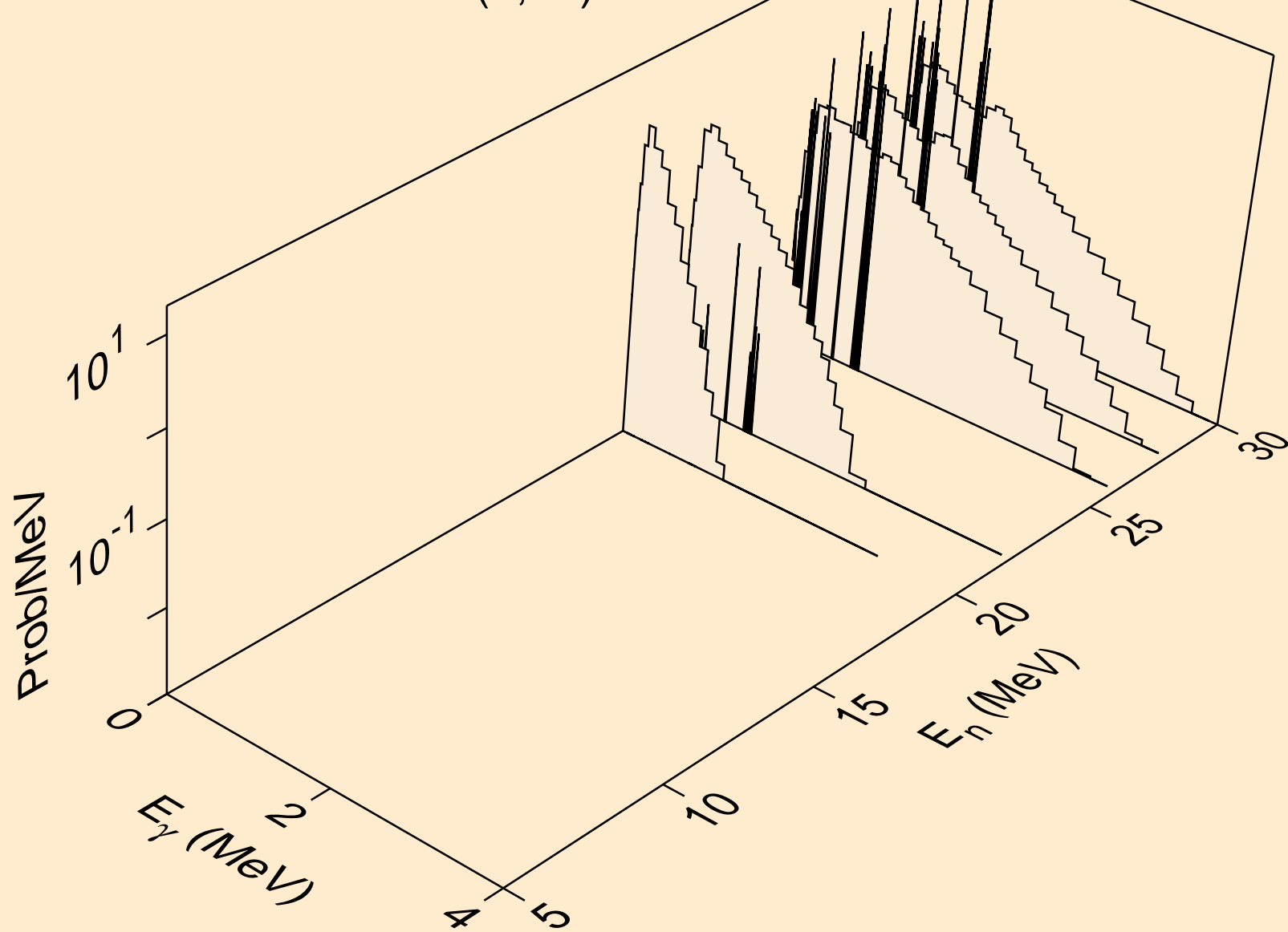
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

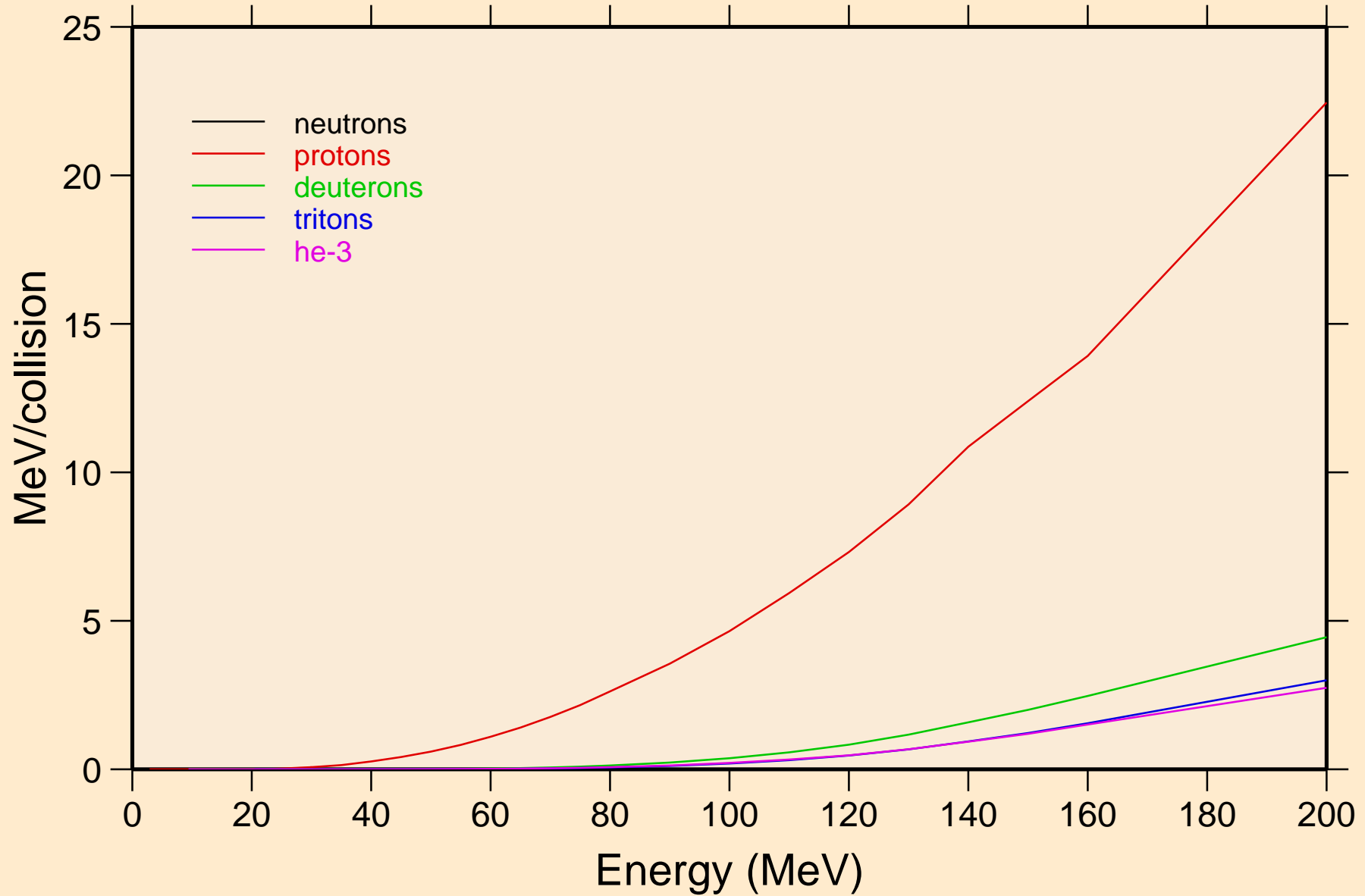


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

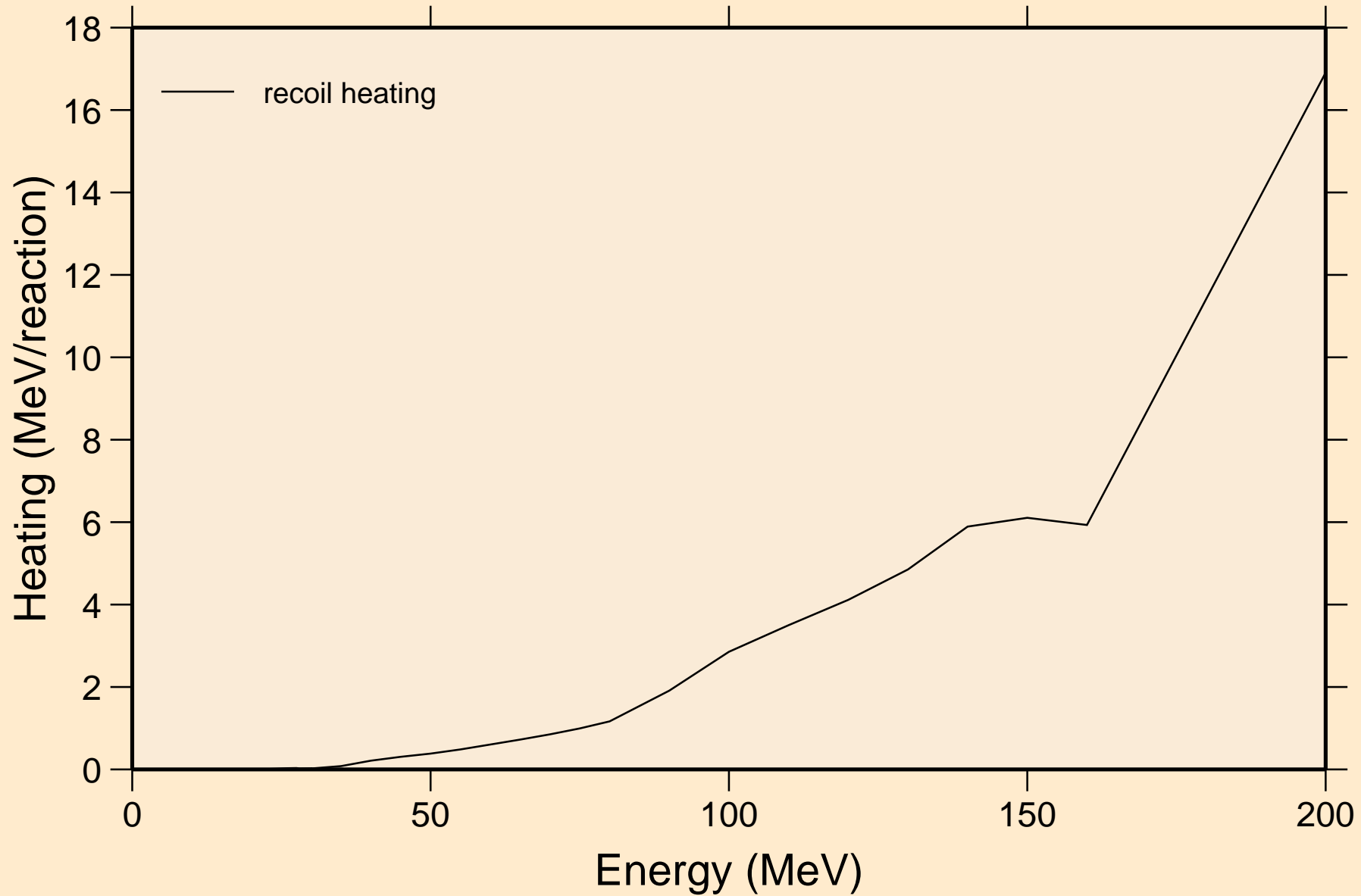




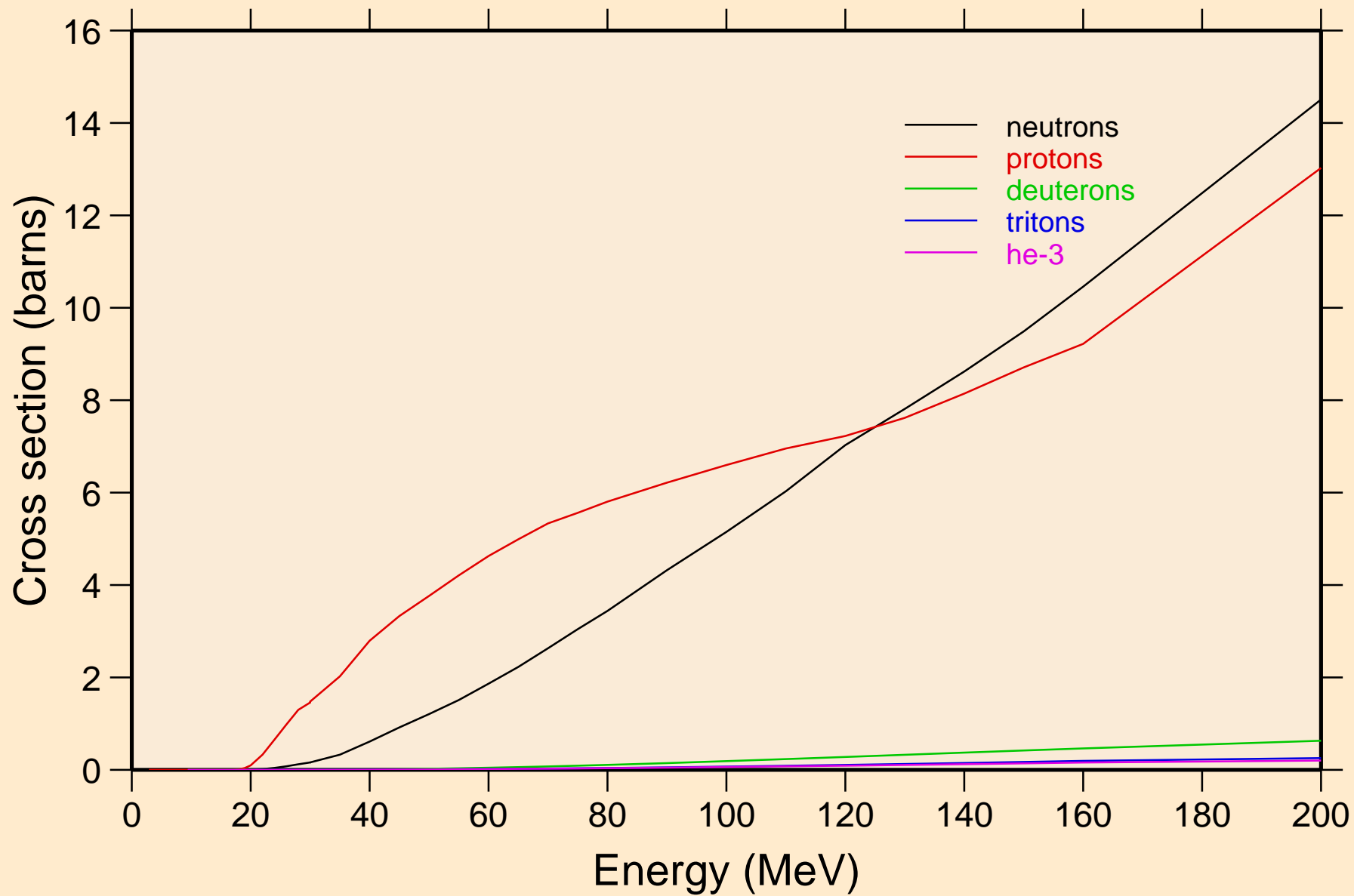
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



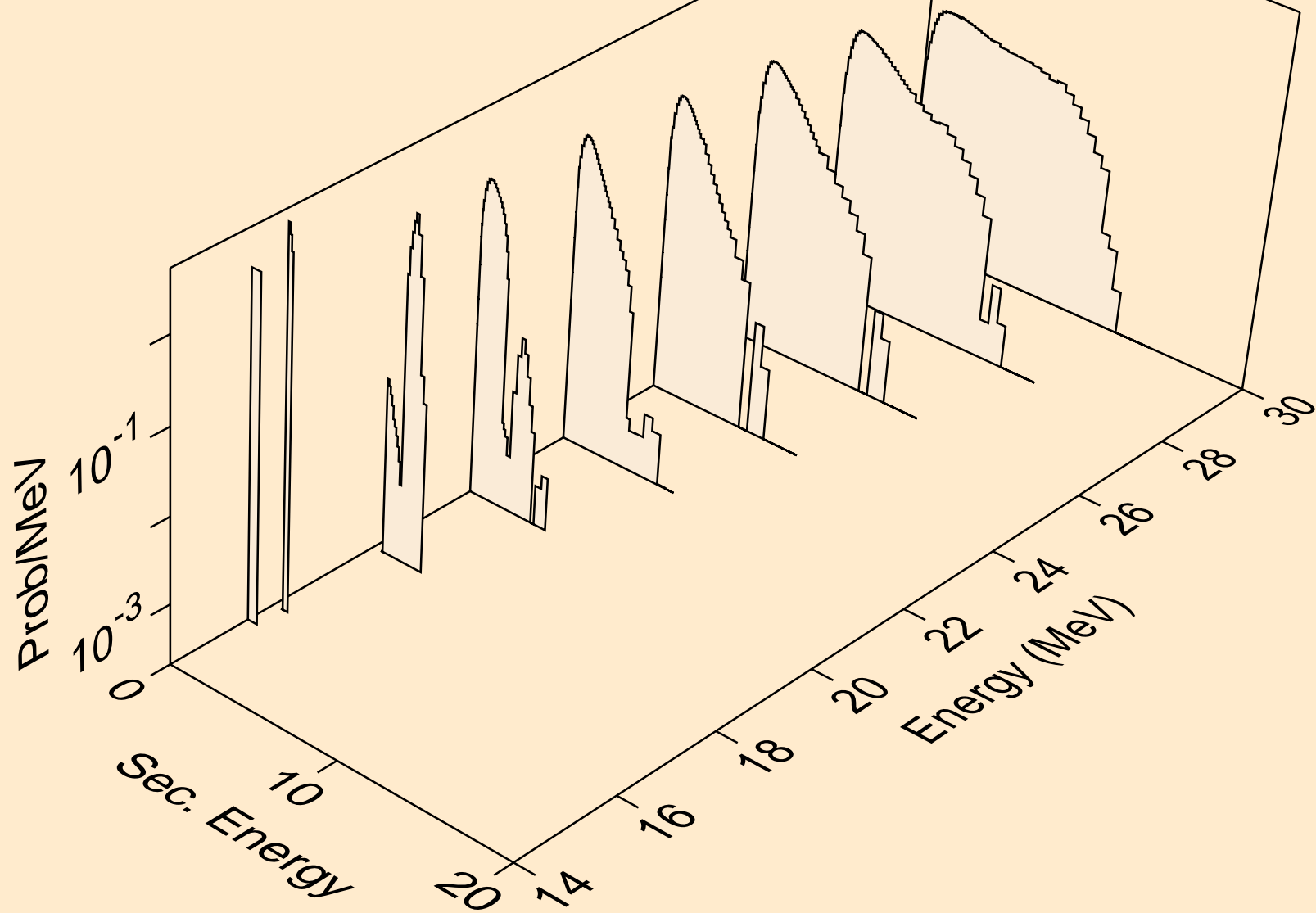
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



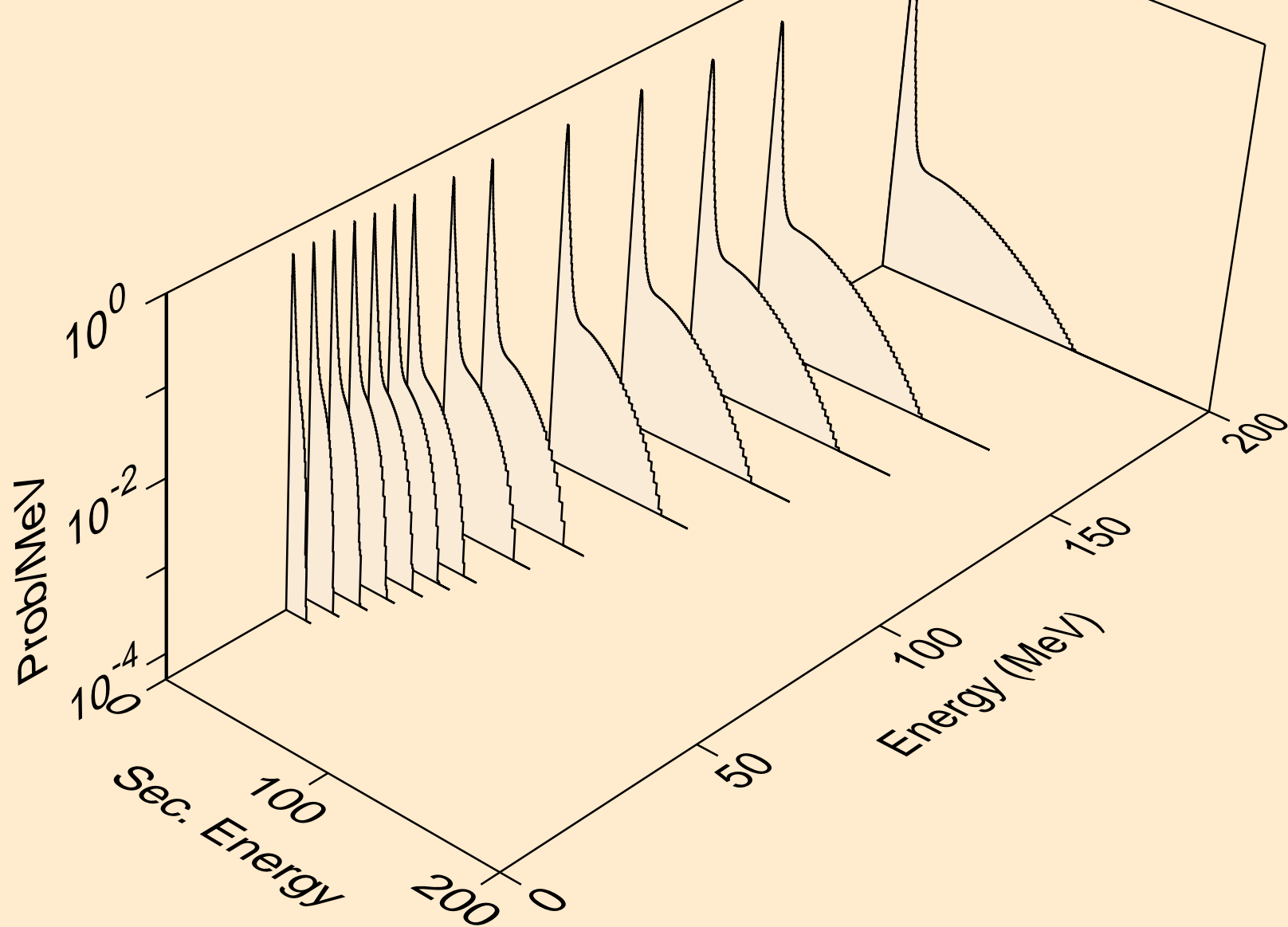
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



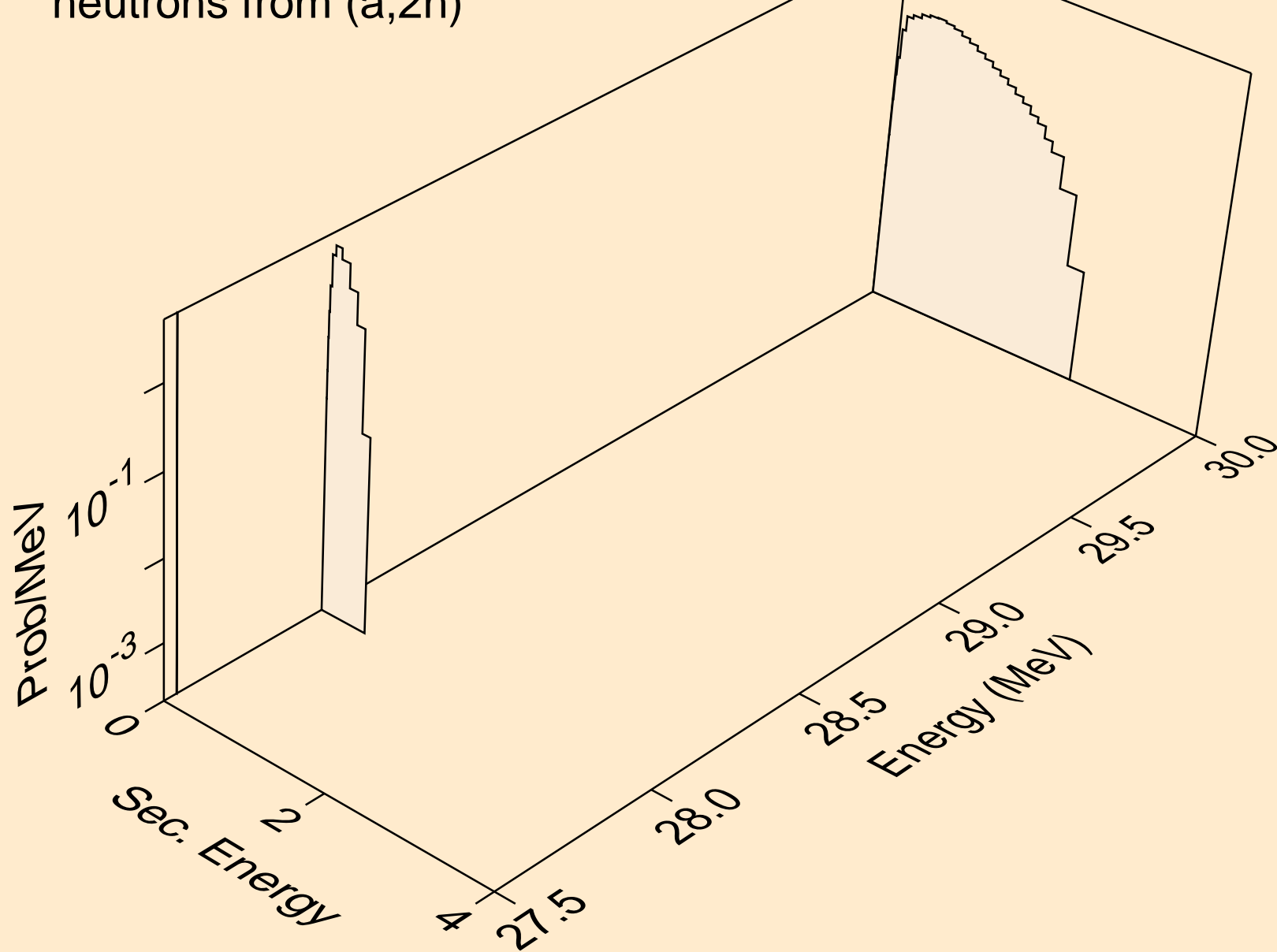
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



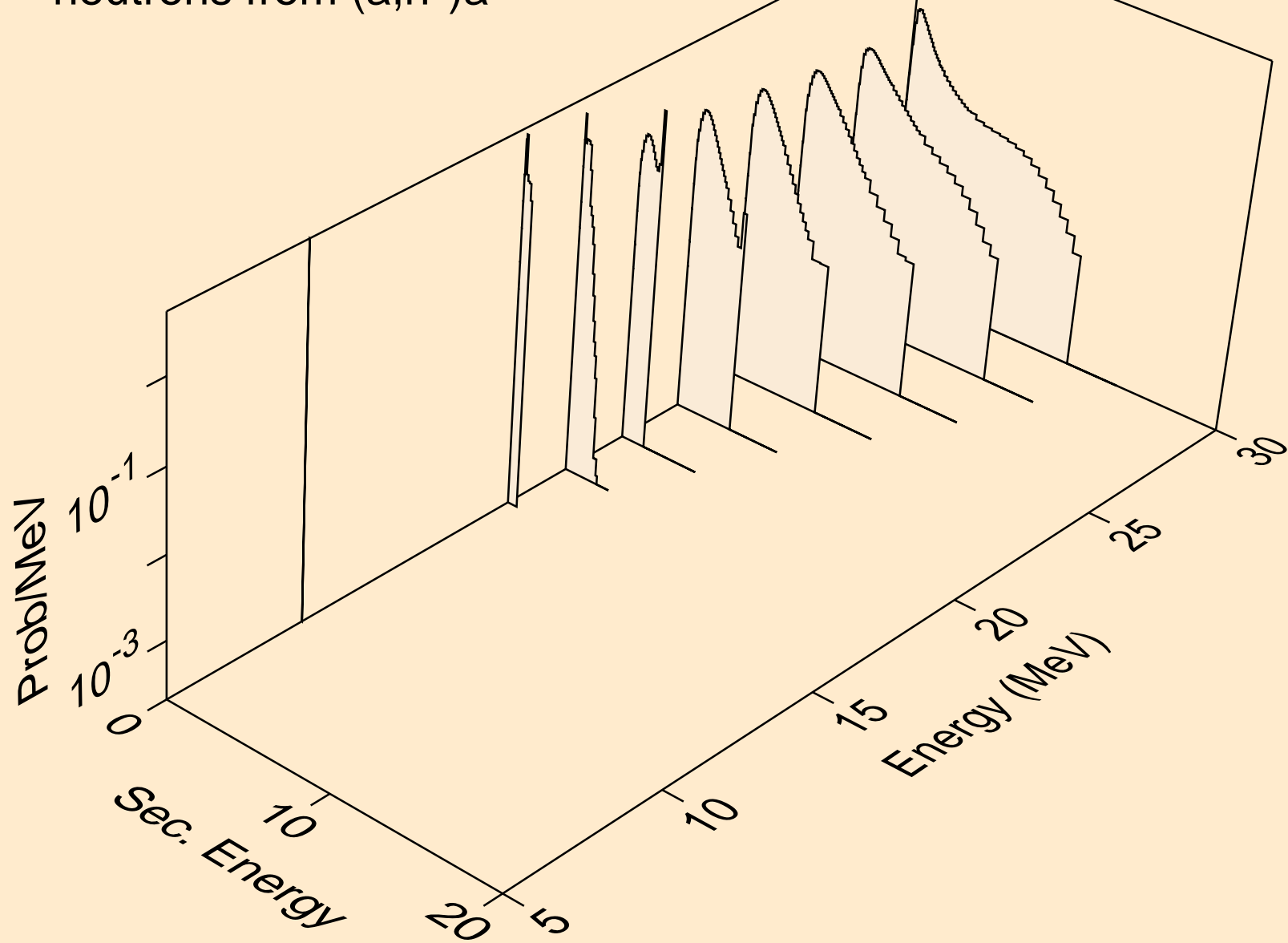
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



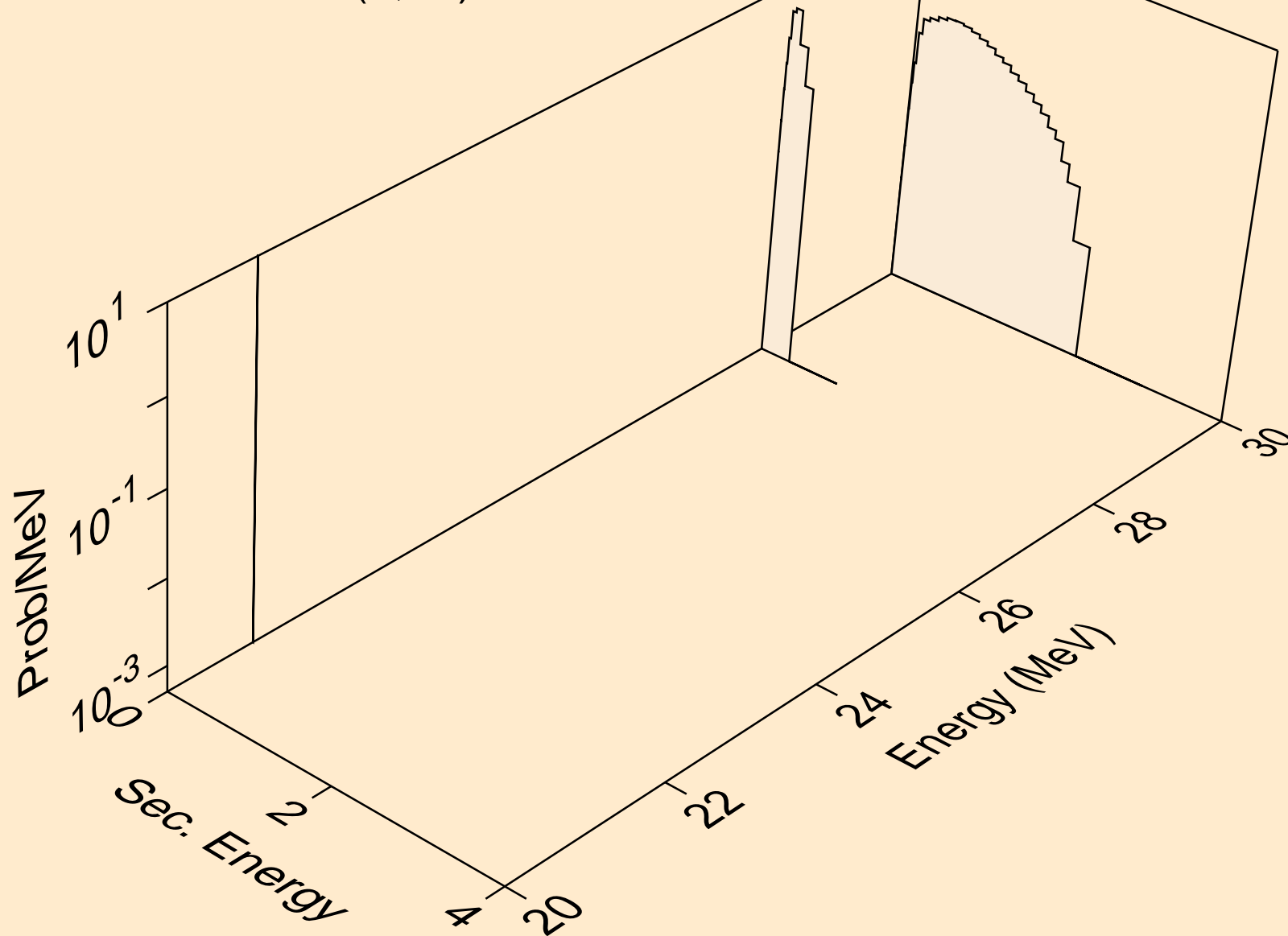
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

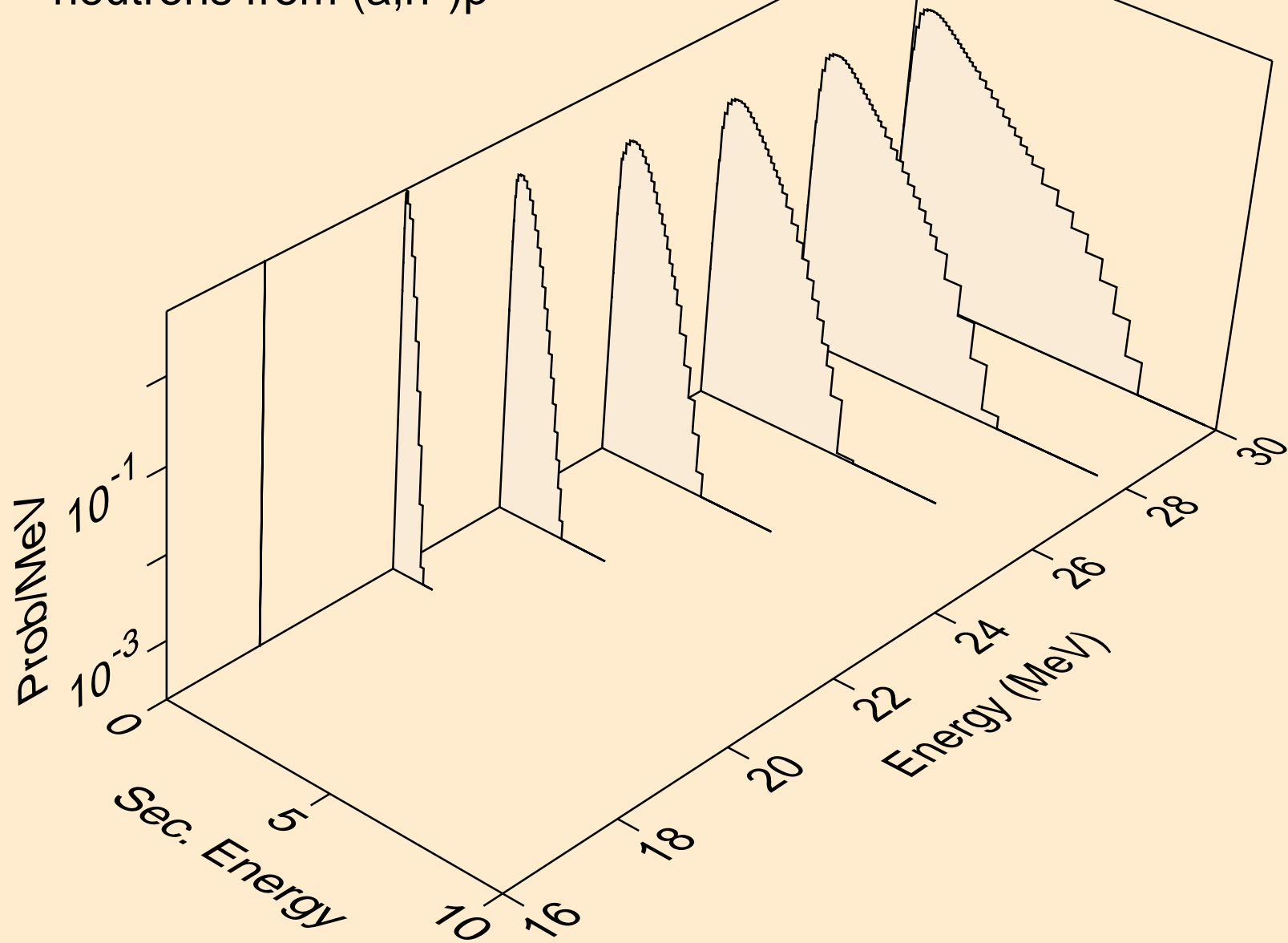


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

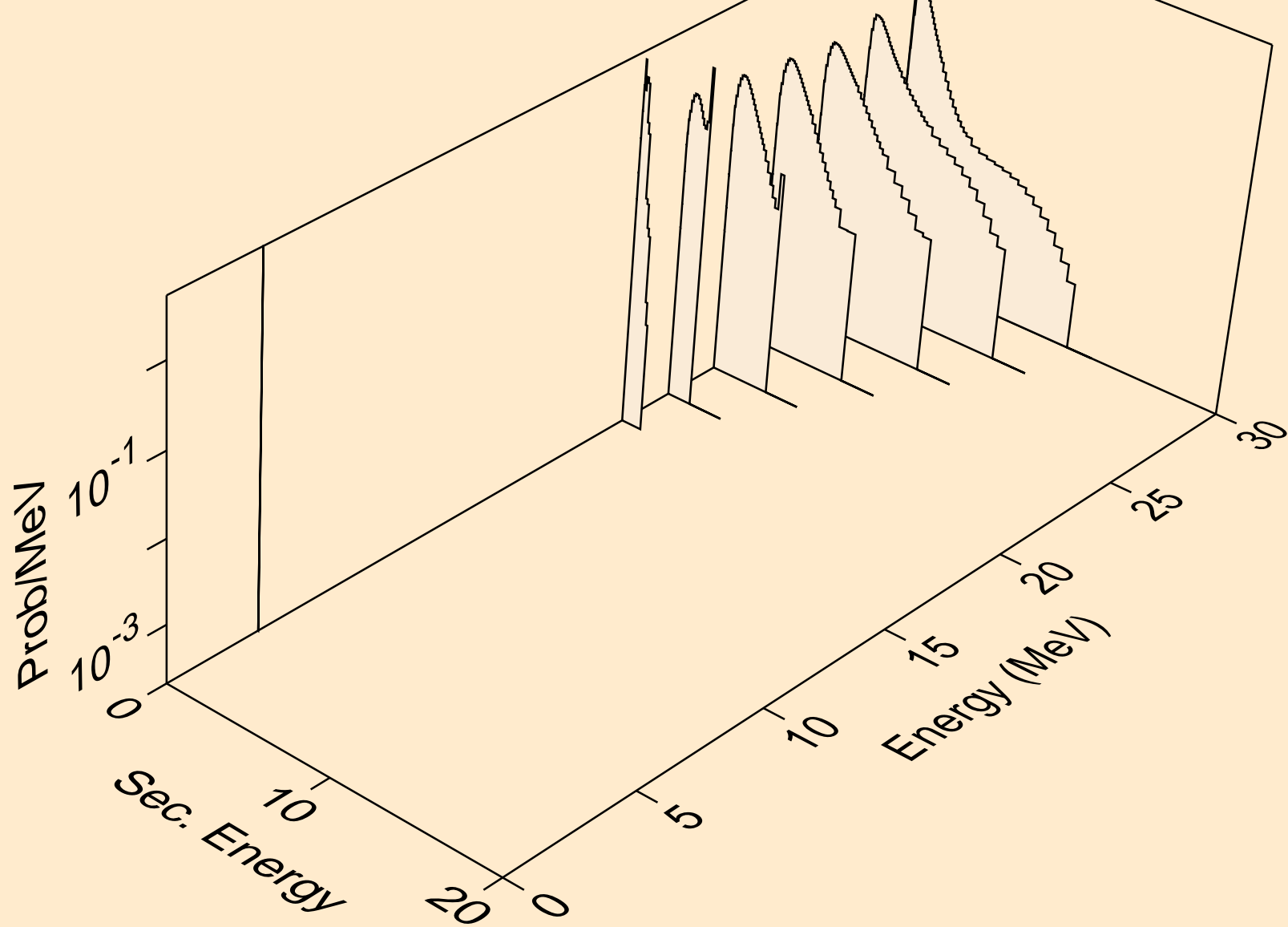




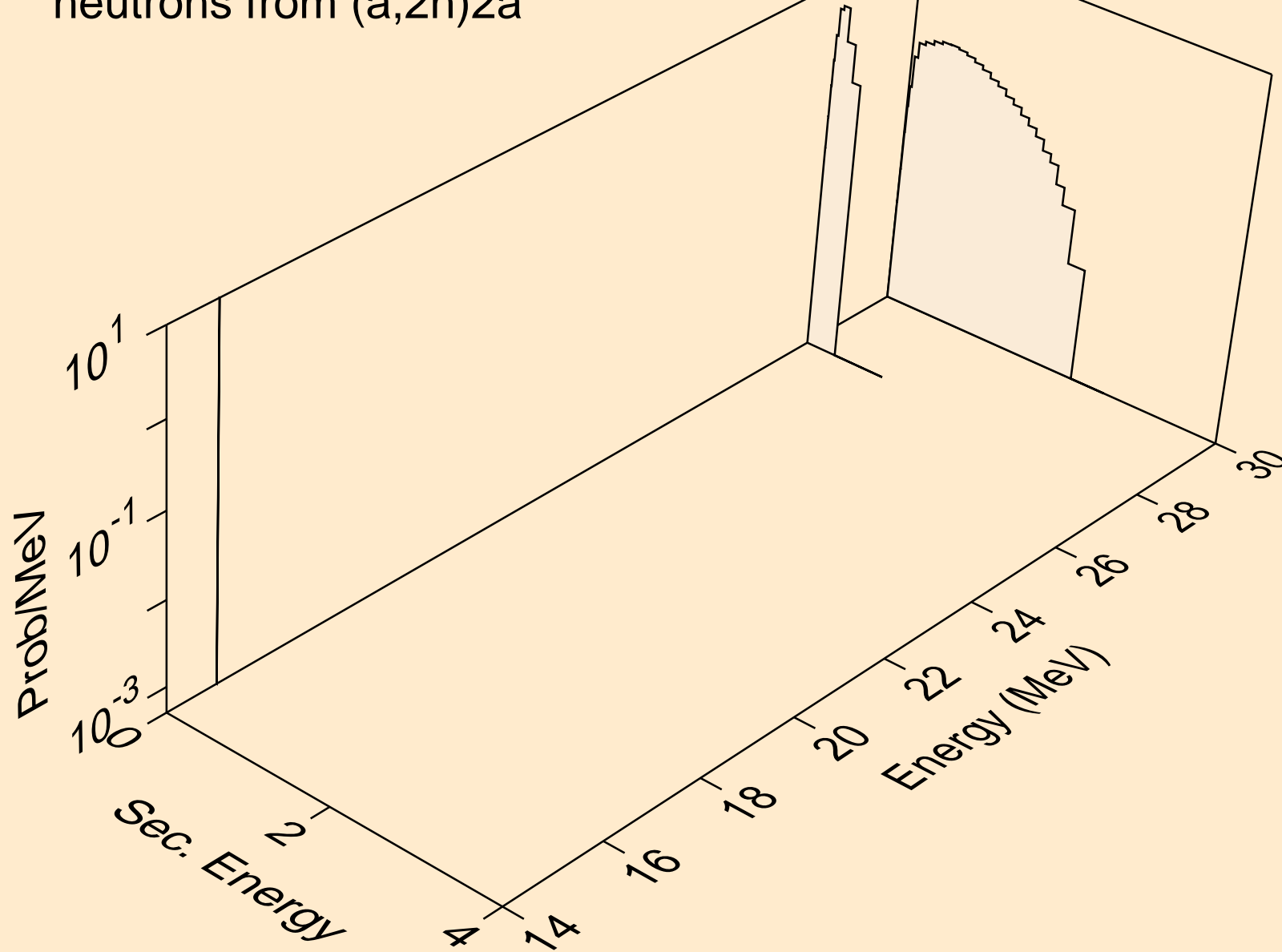
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



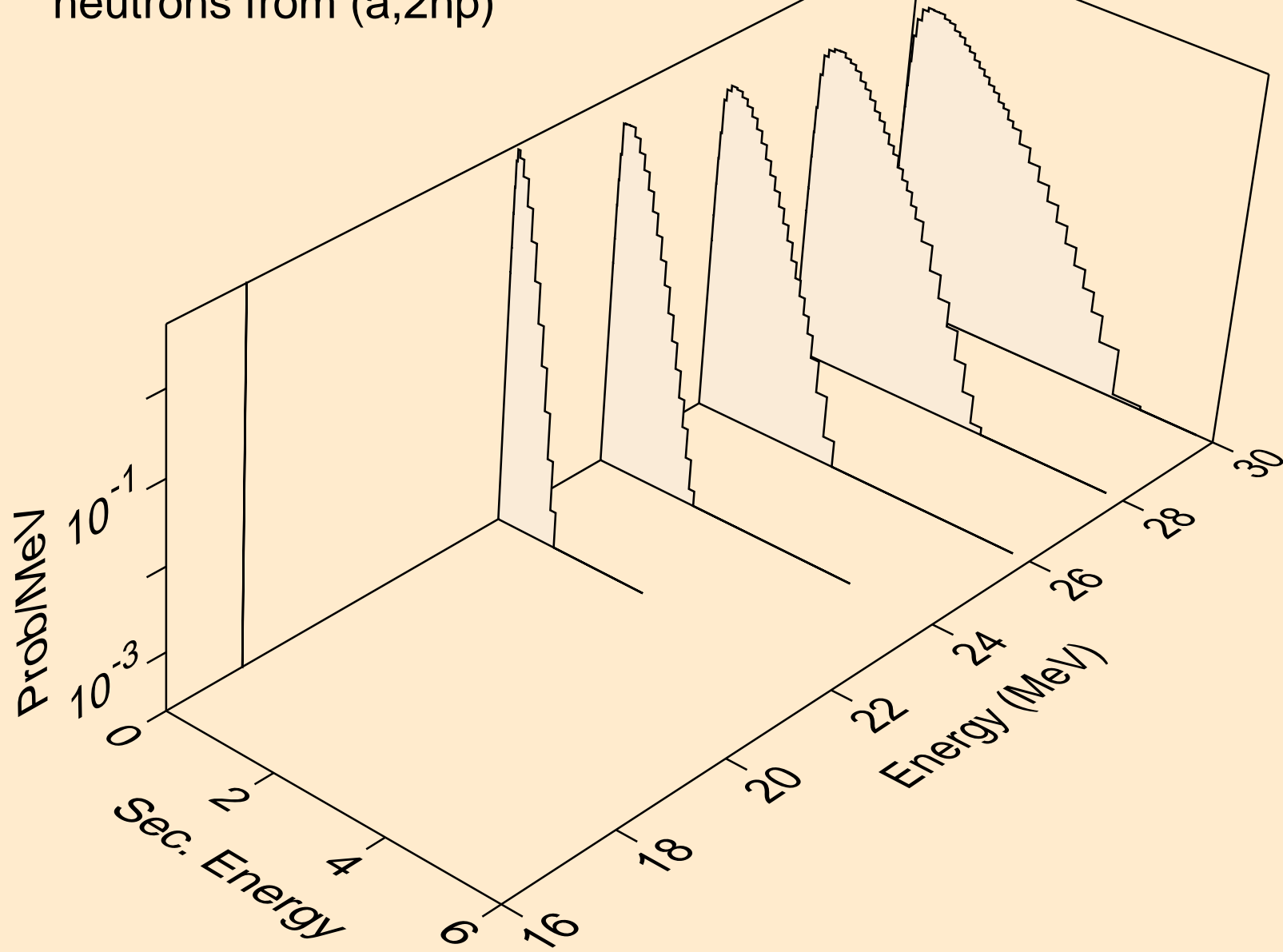
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



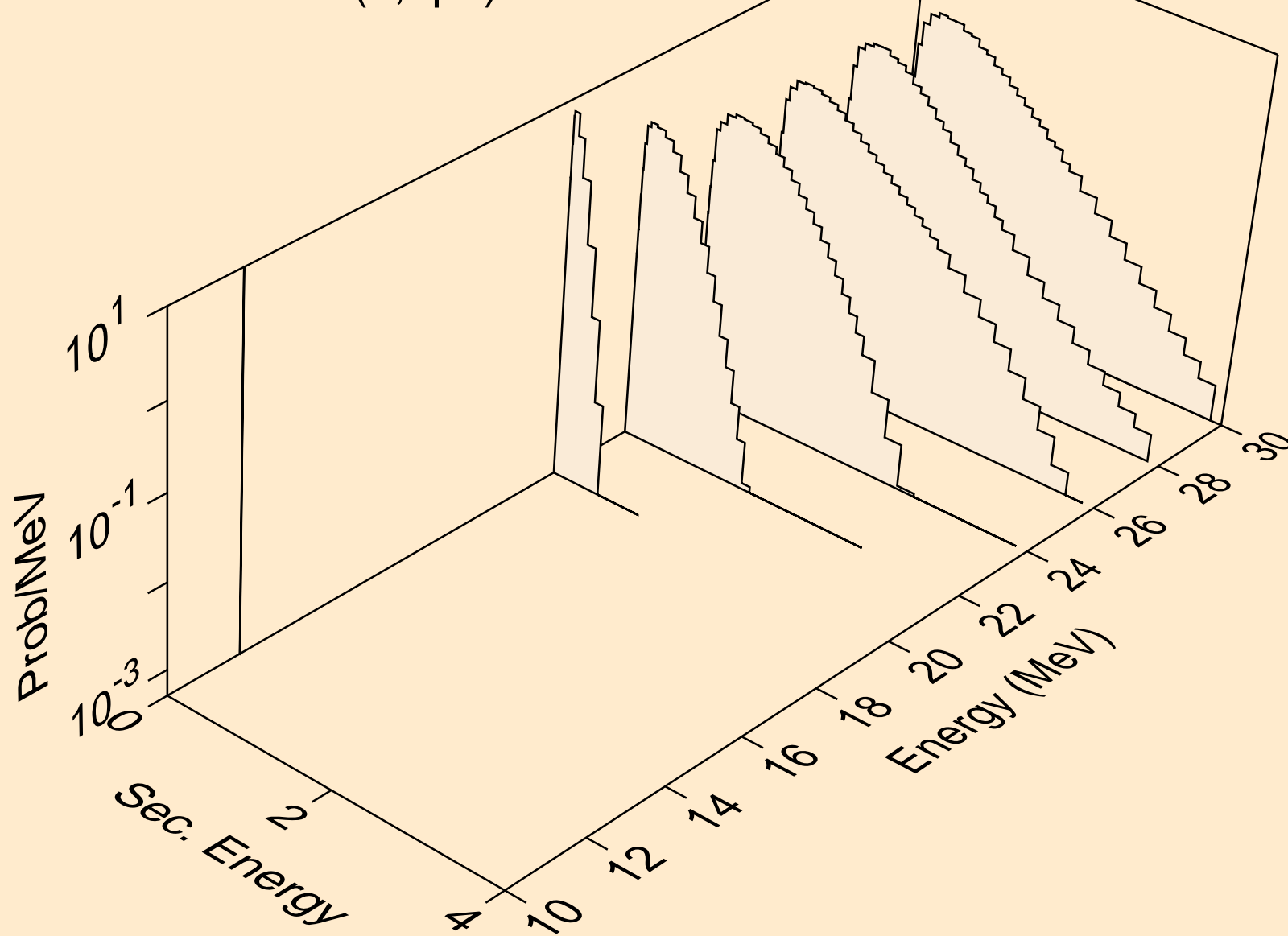
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)2a



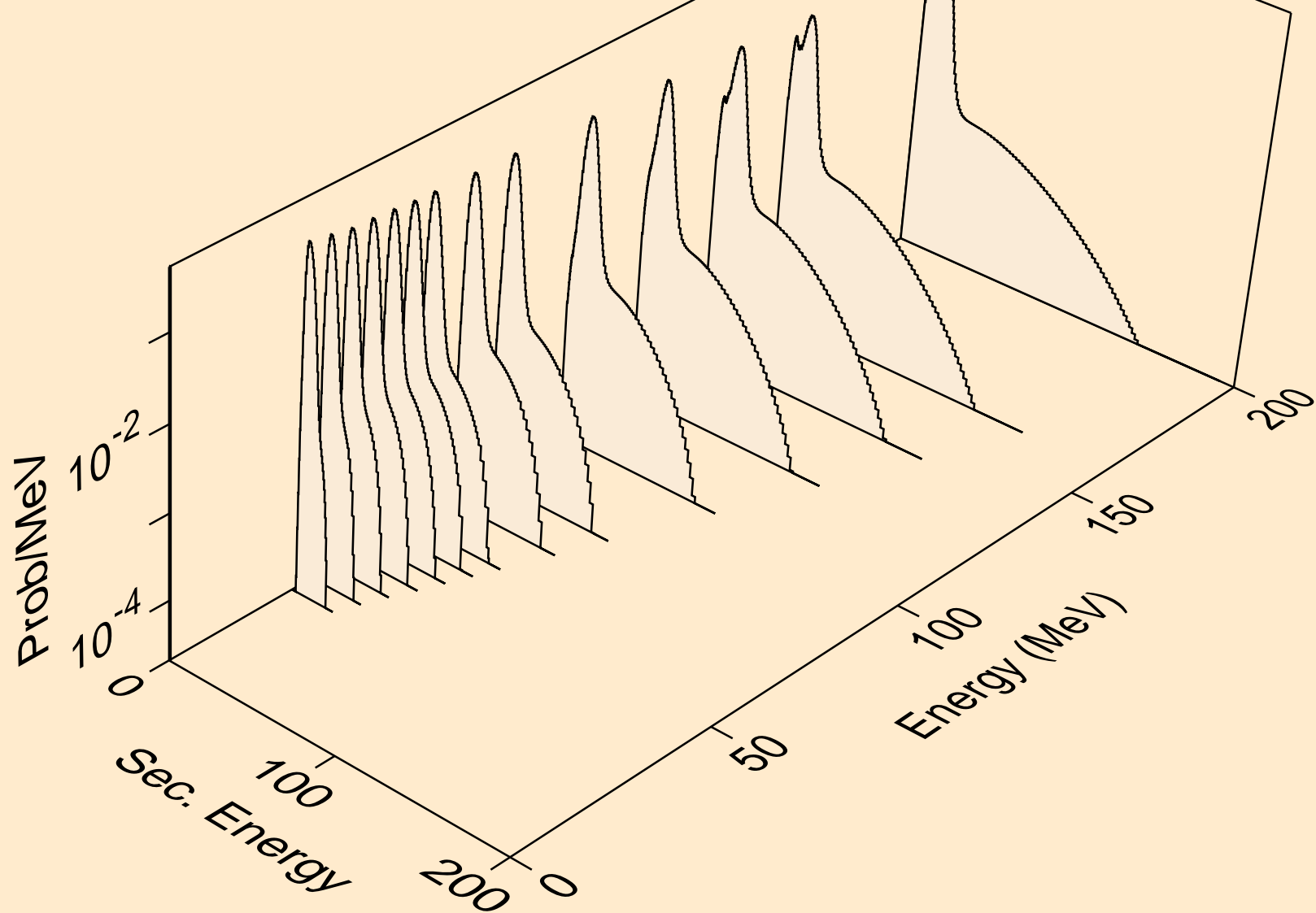
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



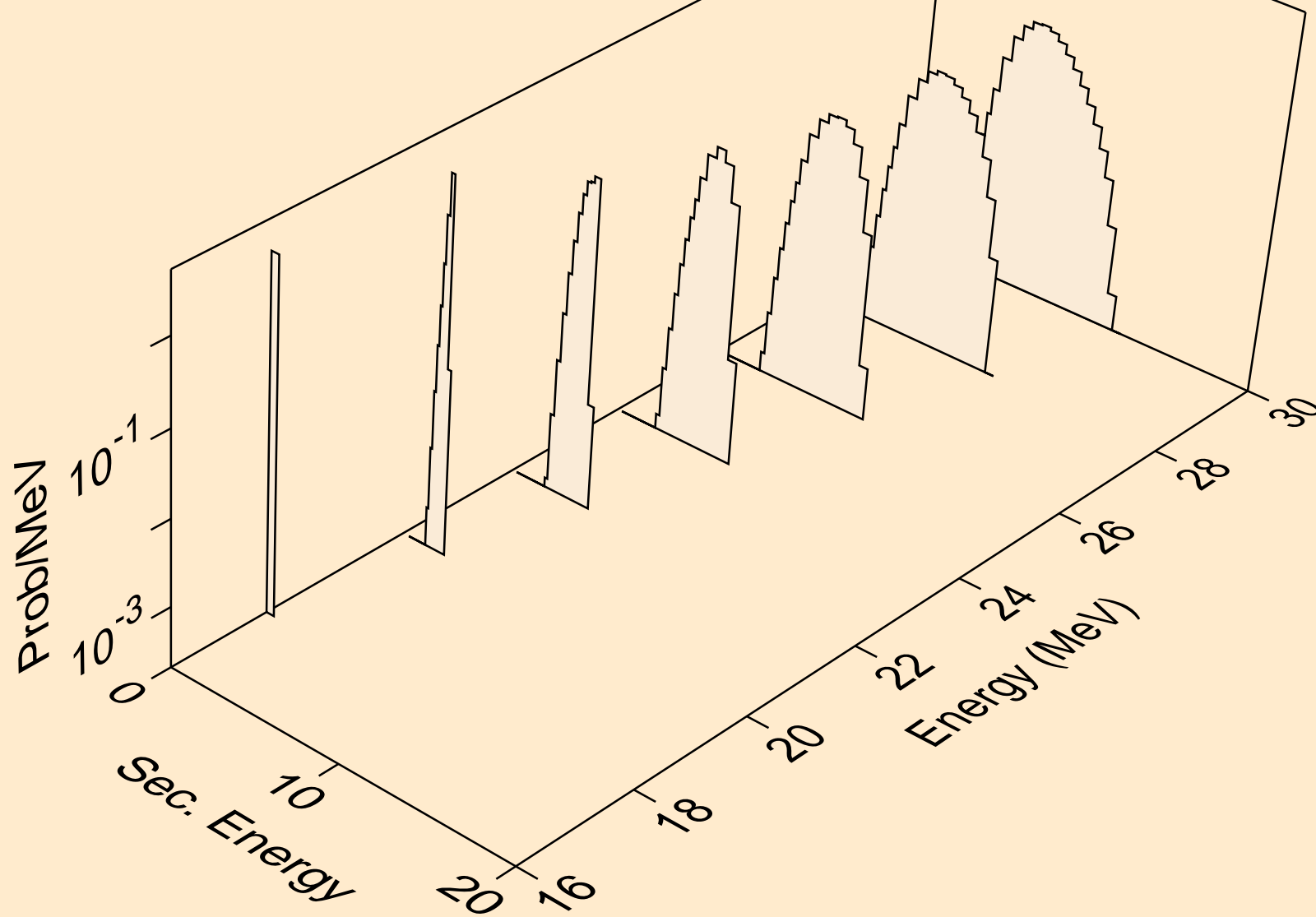
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



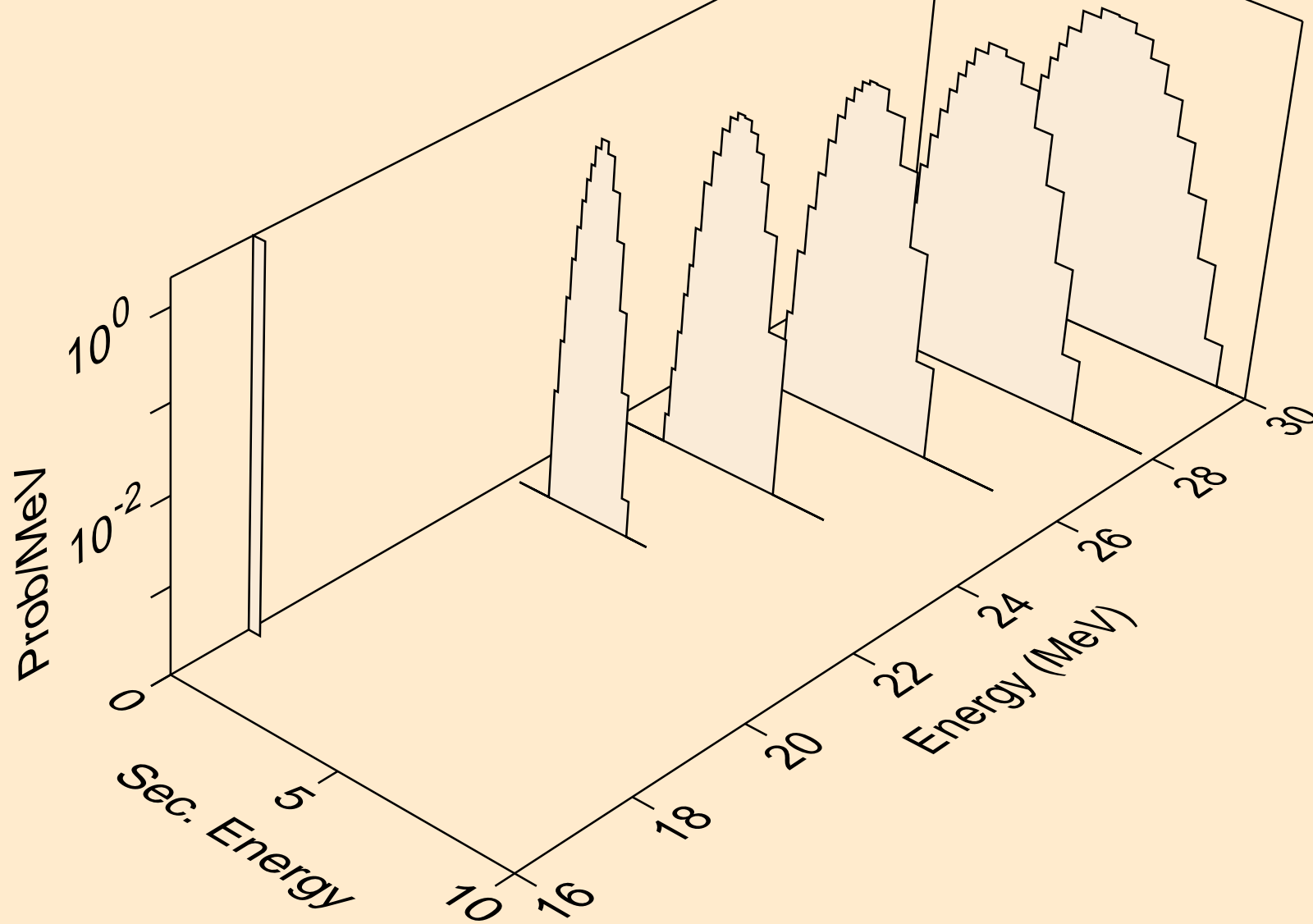
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

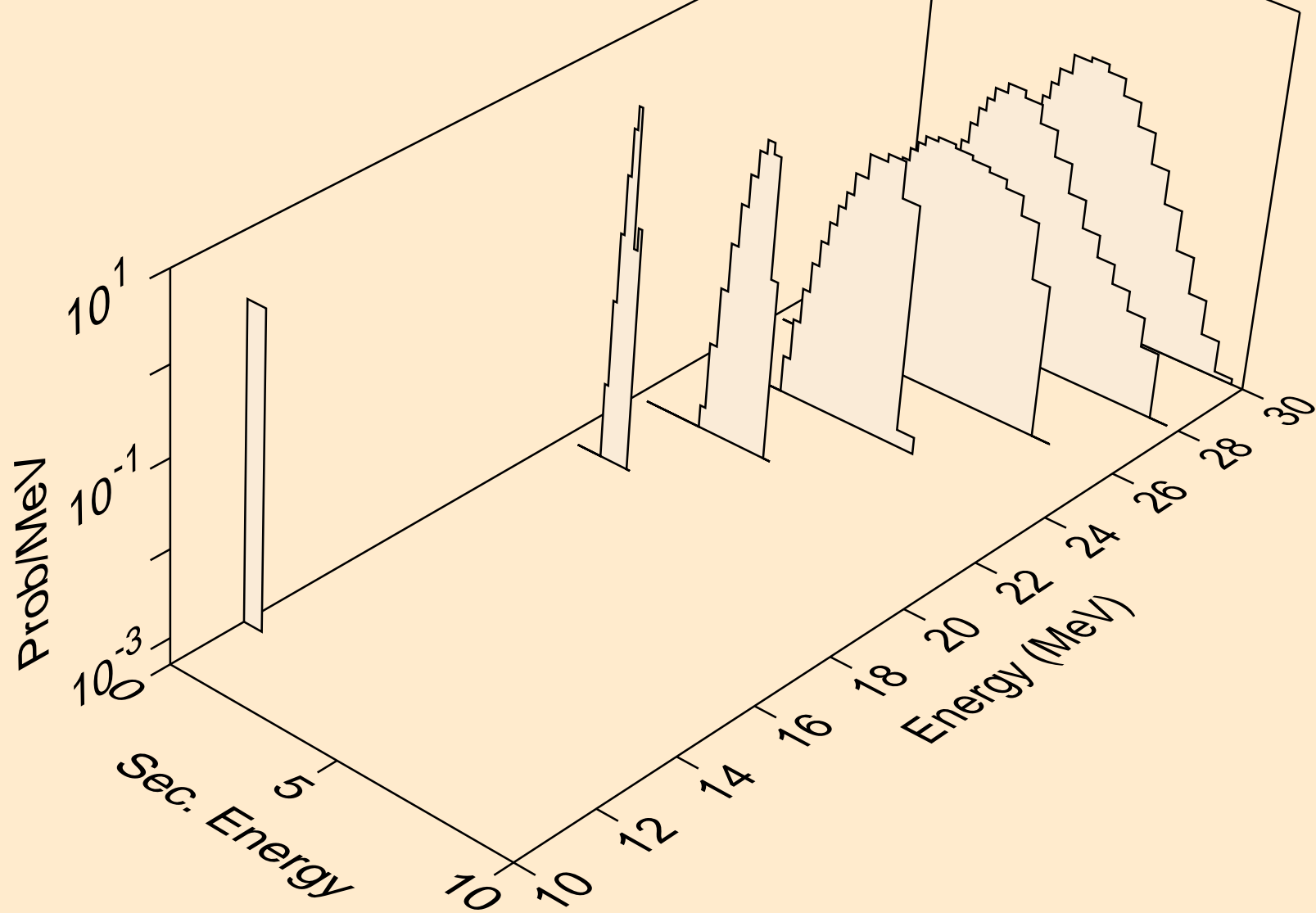


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

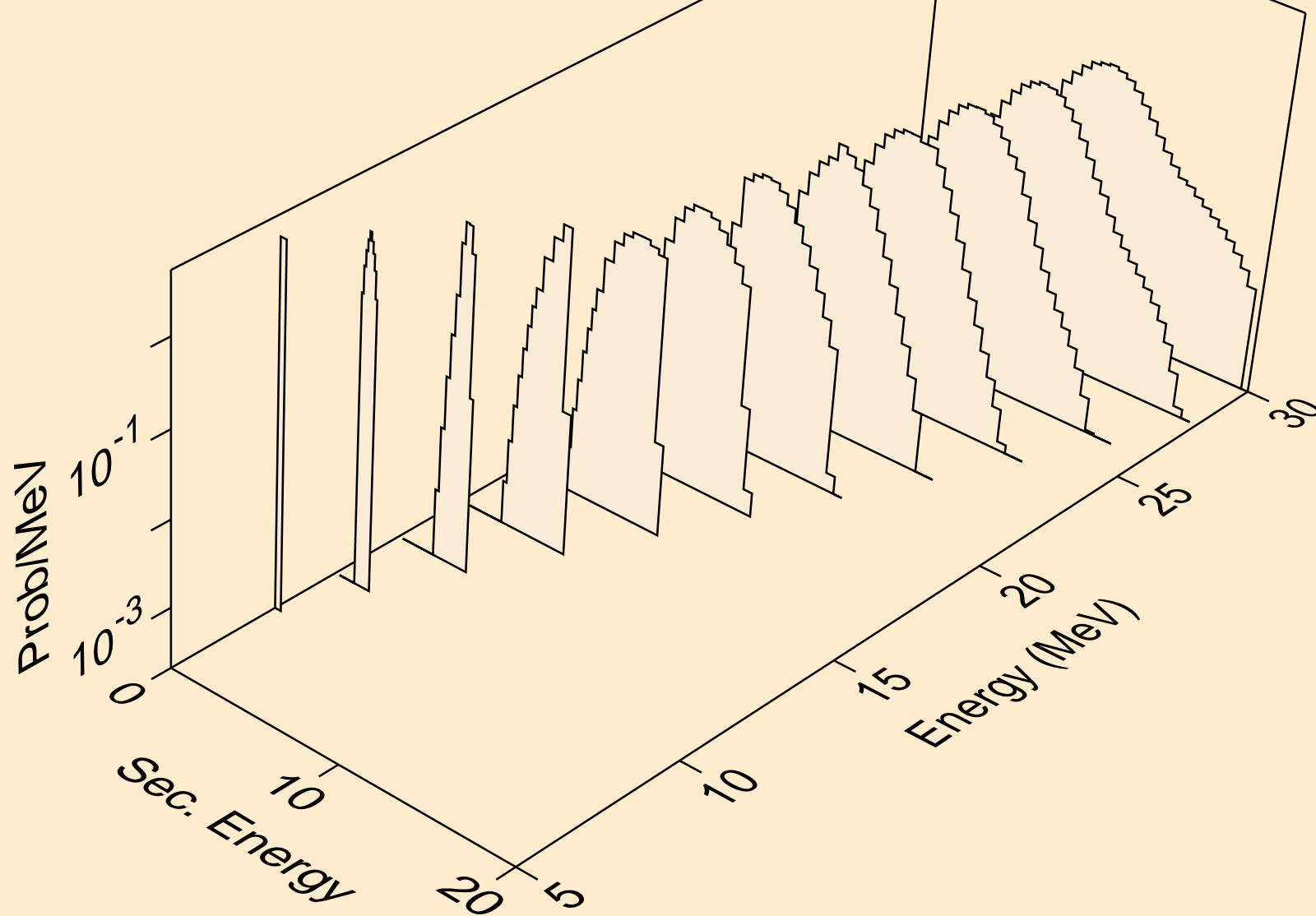




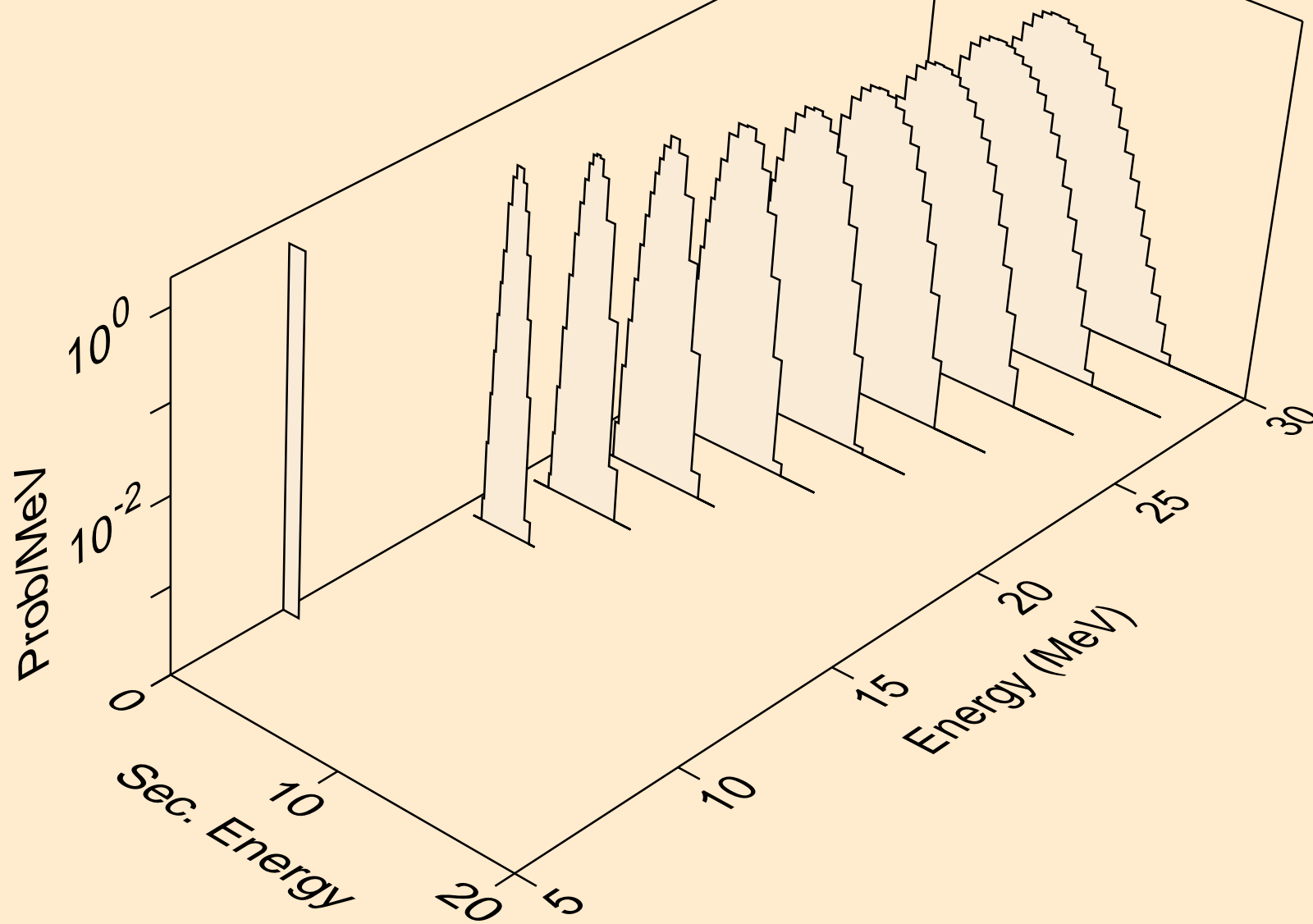
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



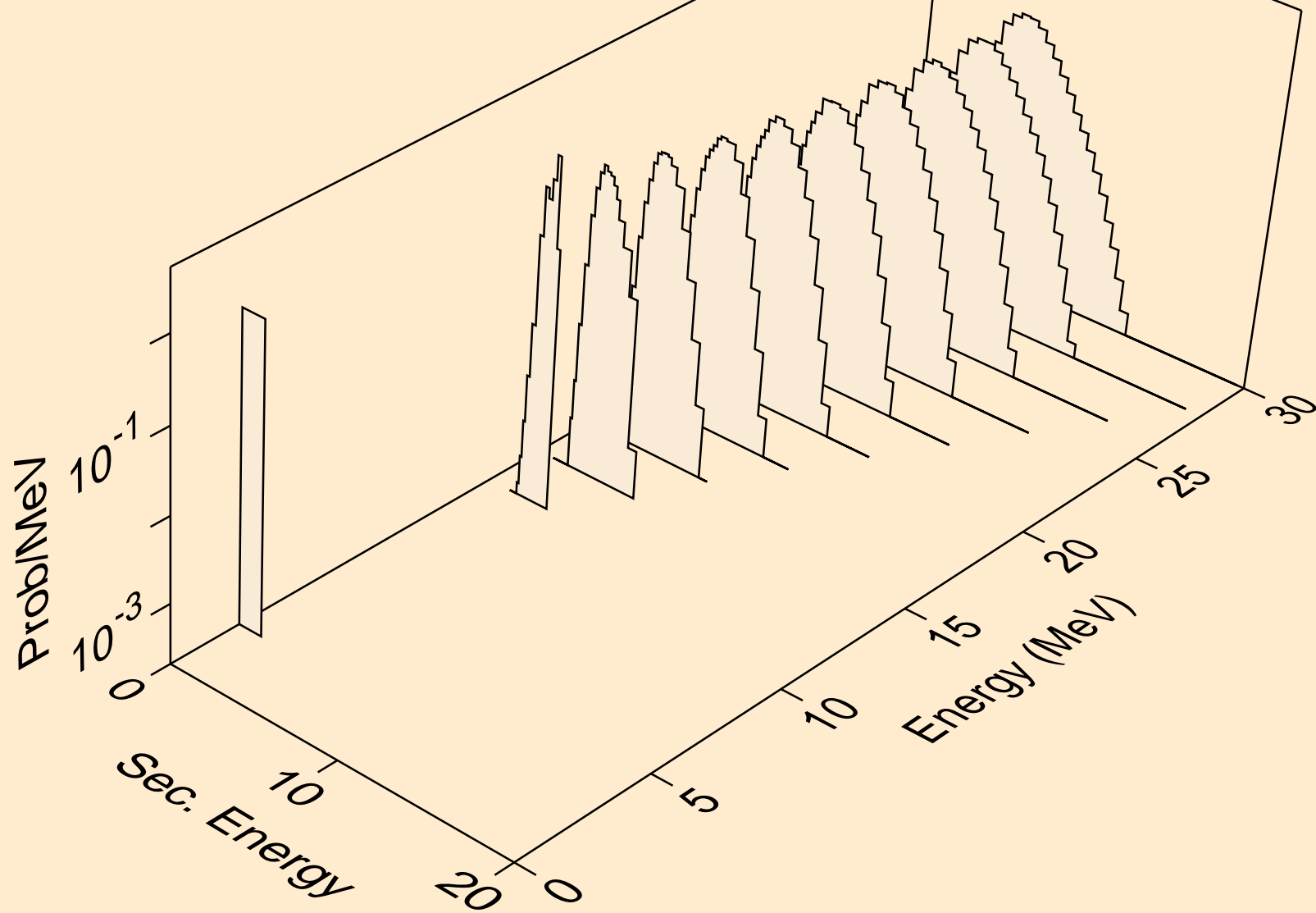
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



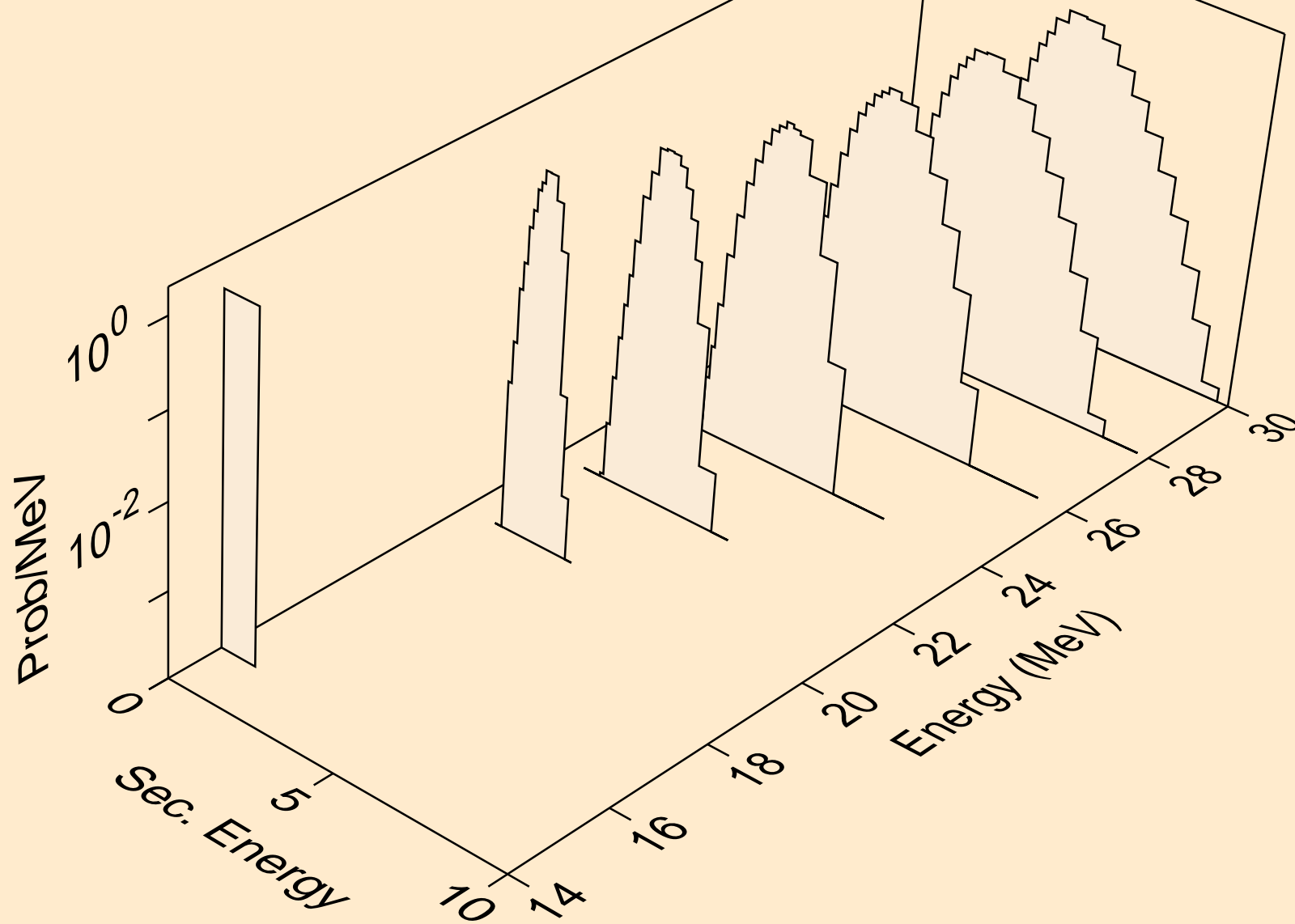
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



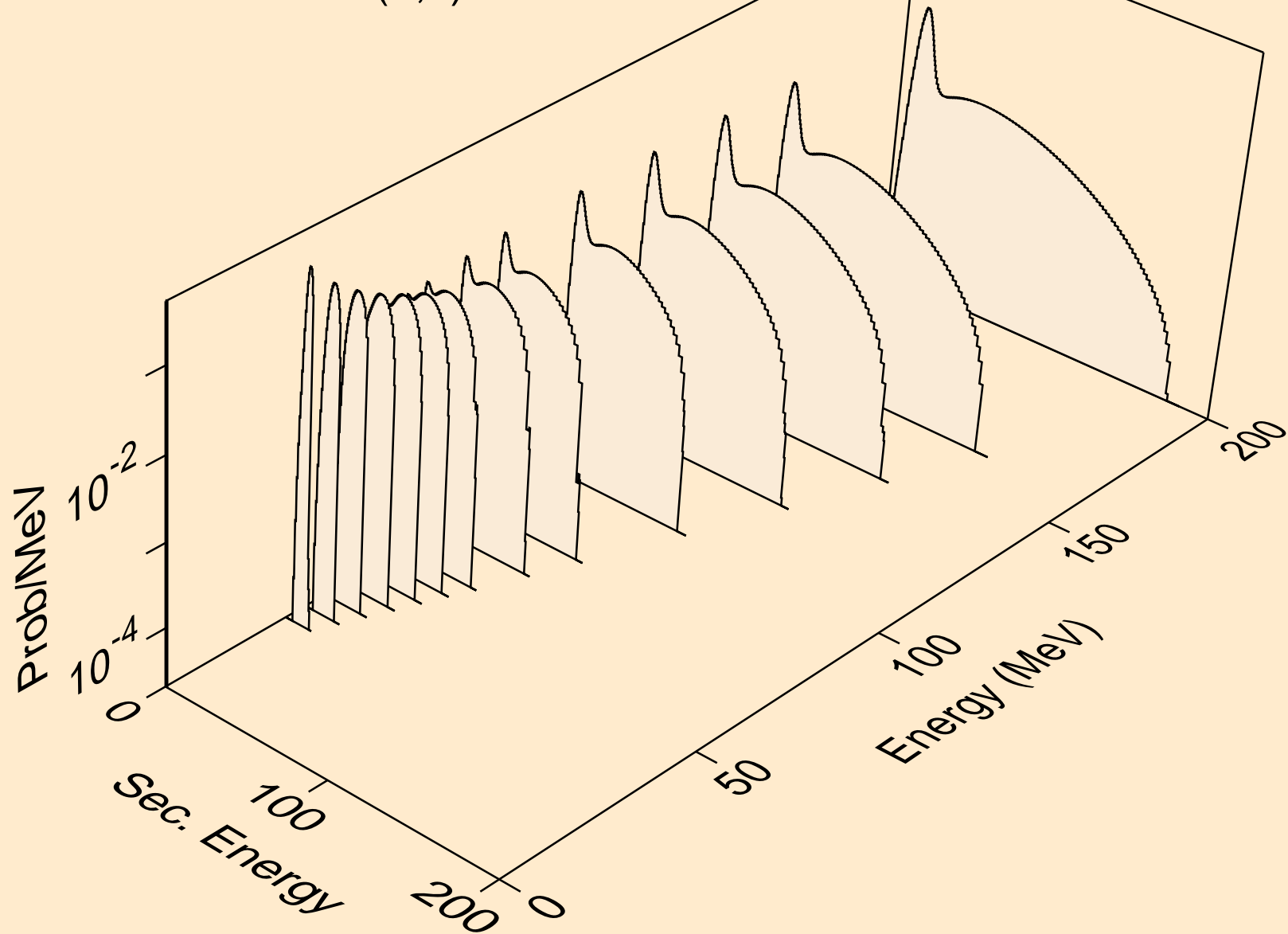
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



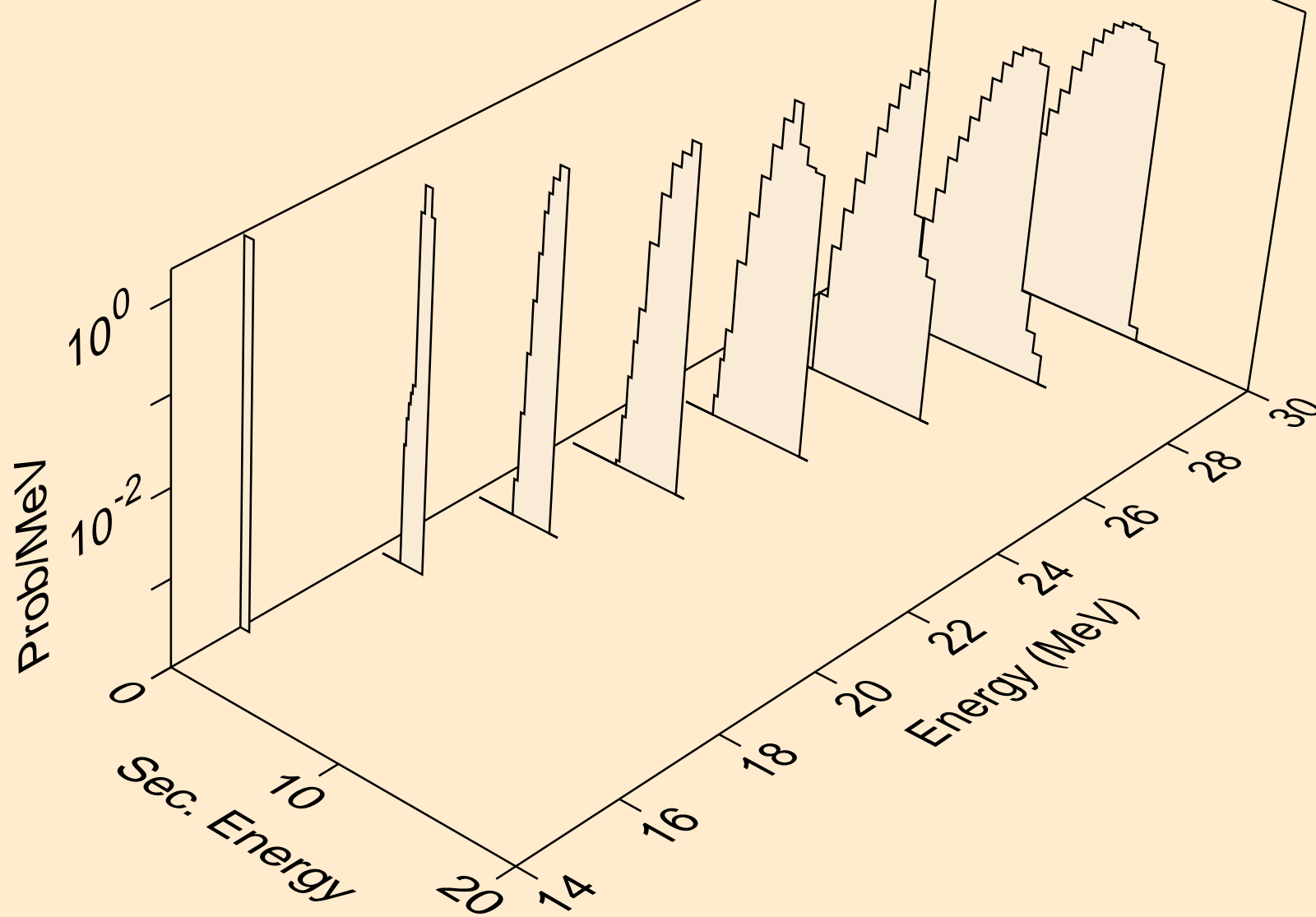
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



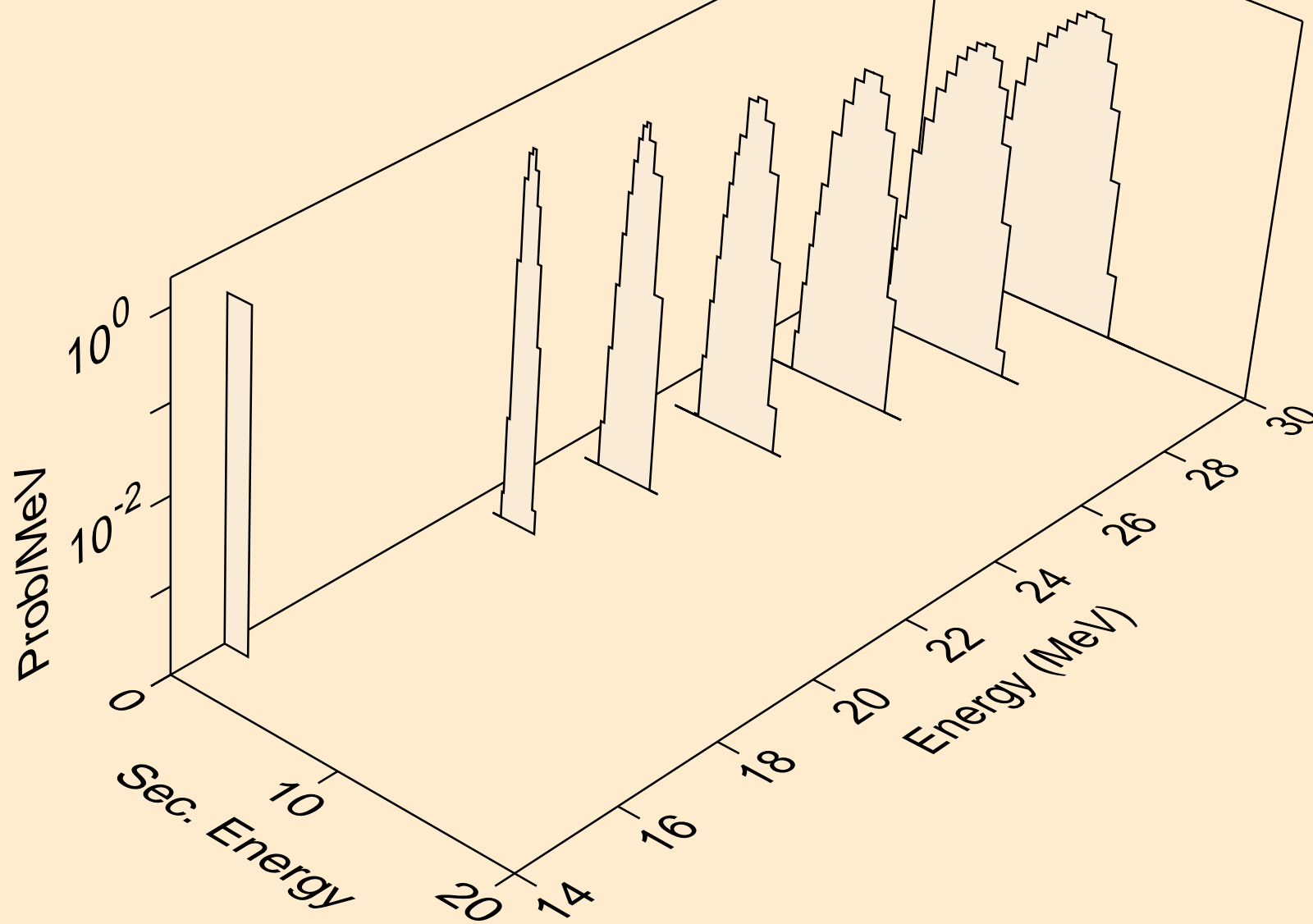
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

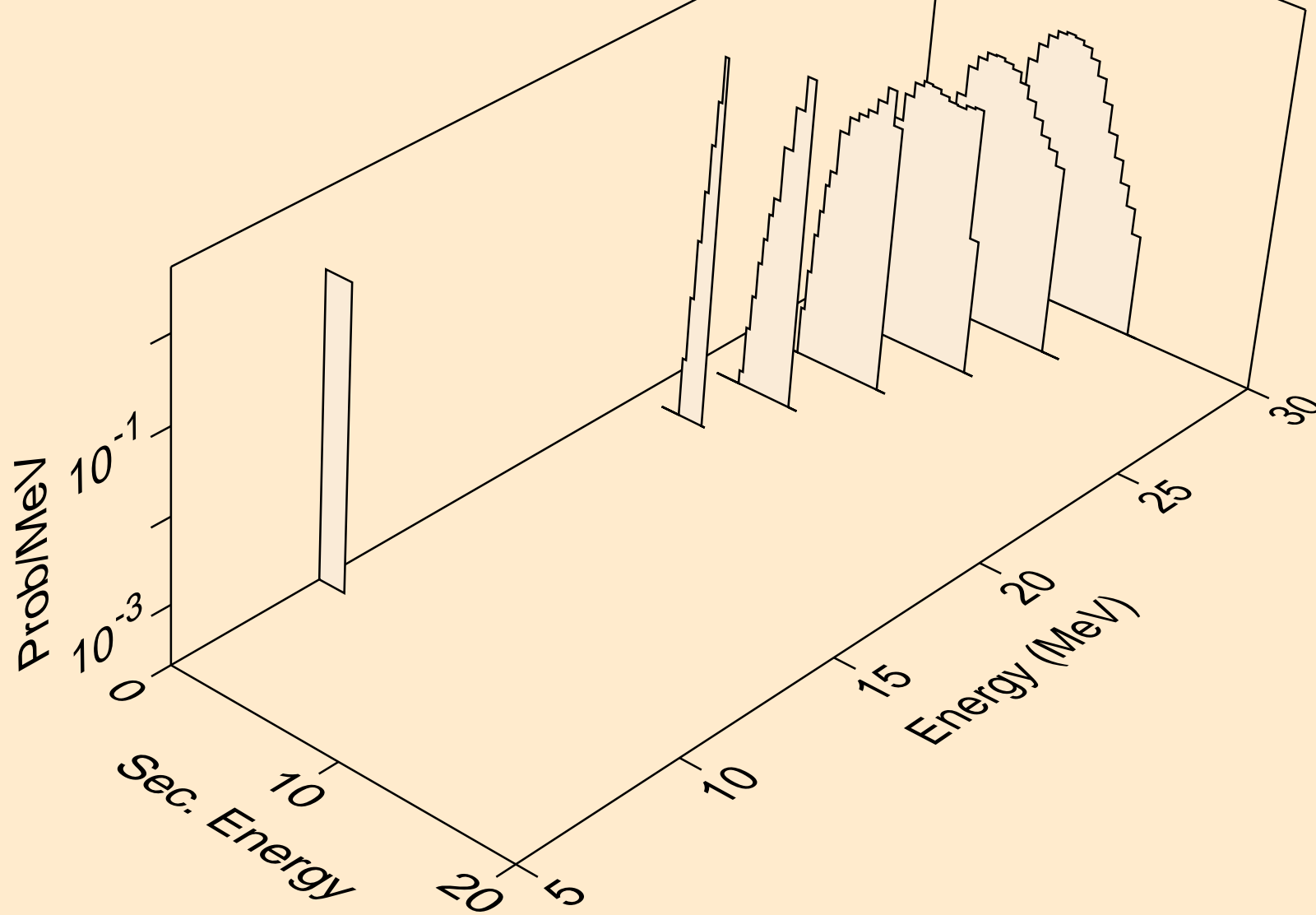


W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)

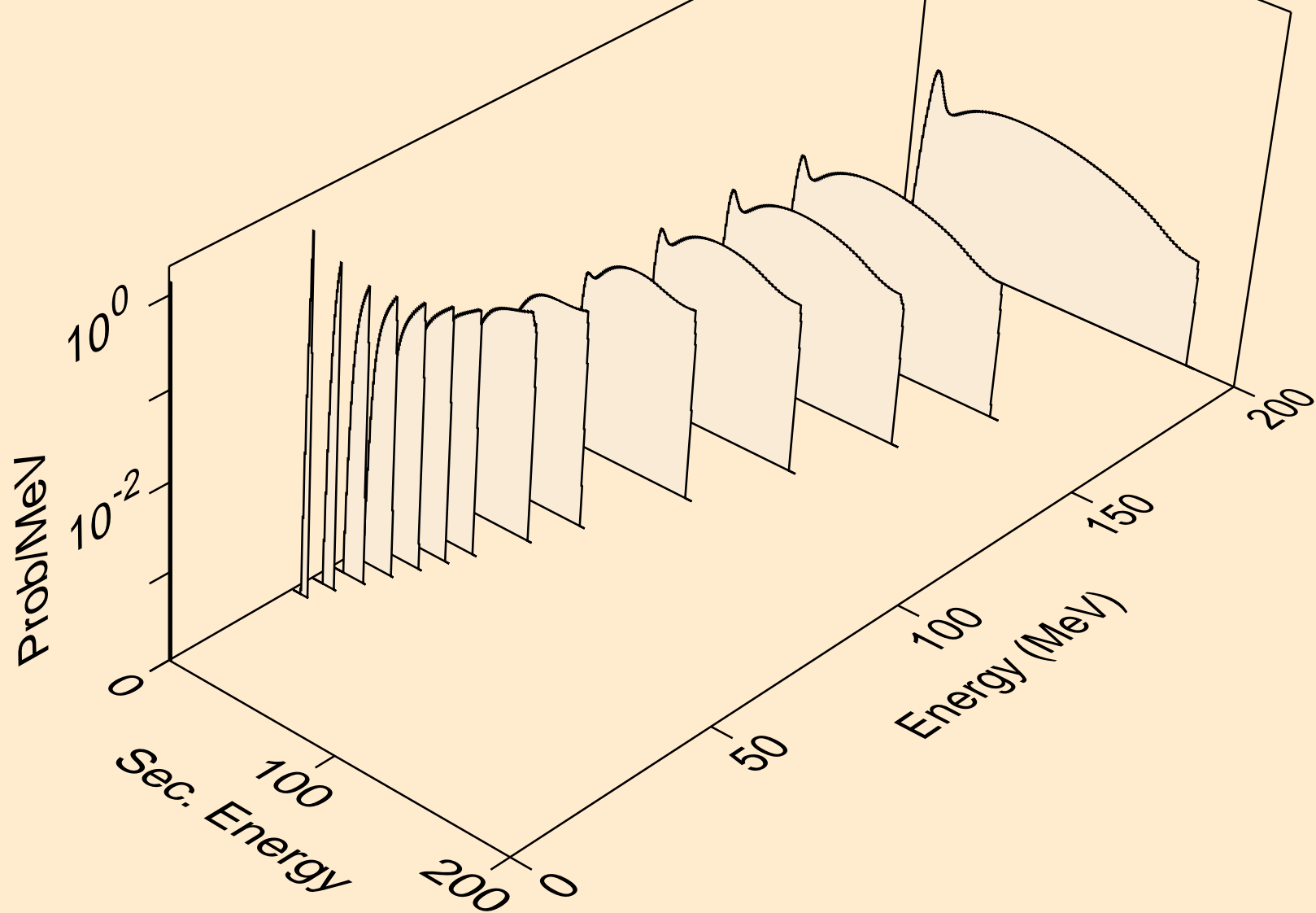




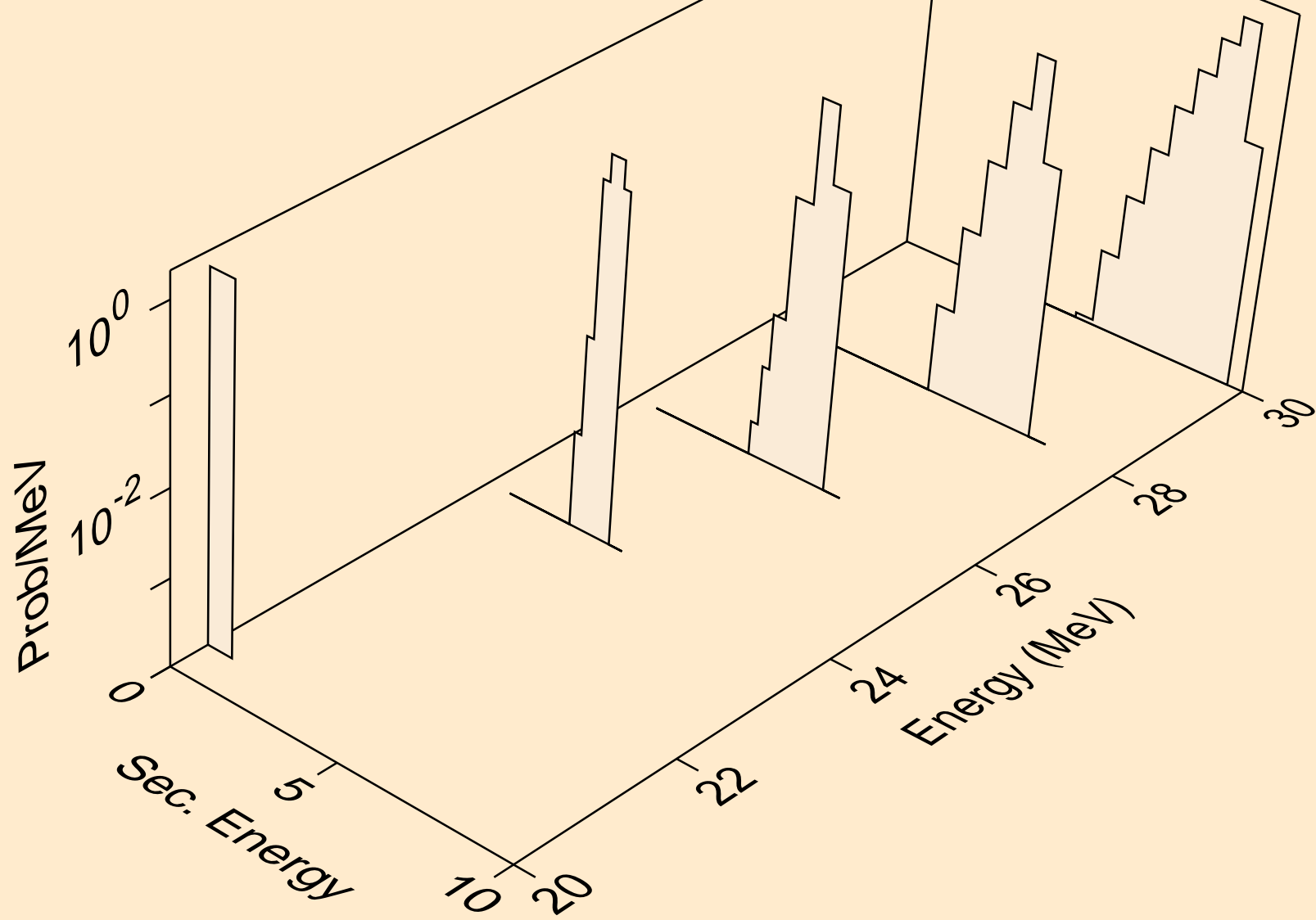
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



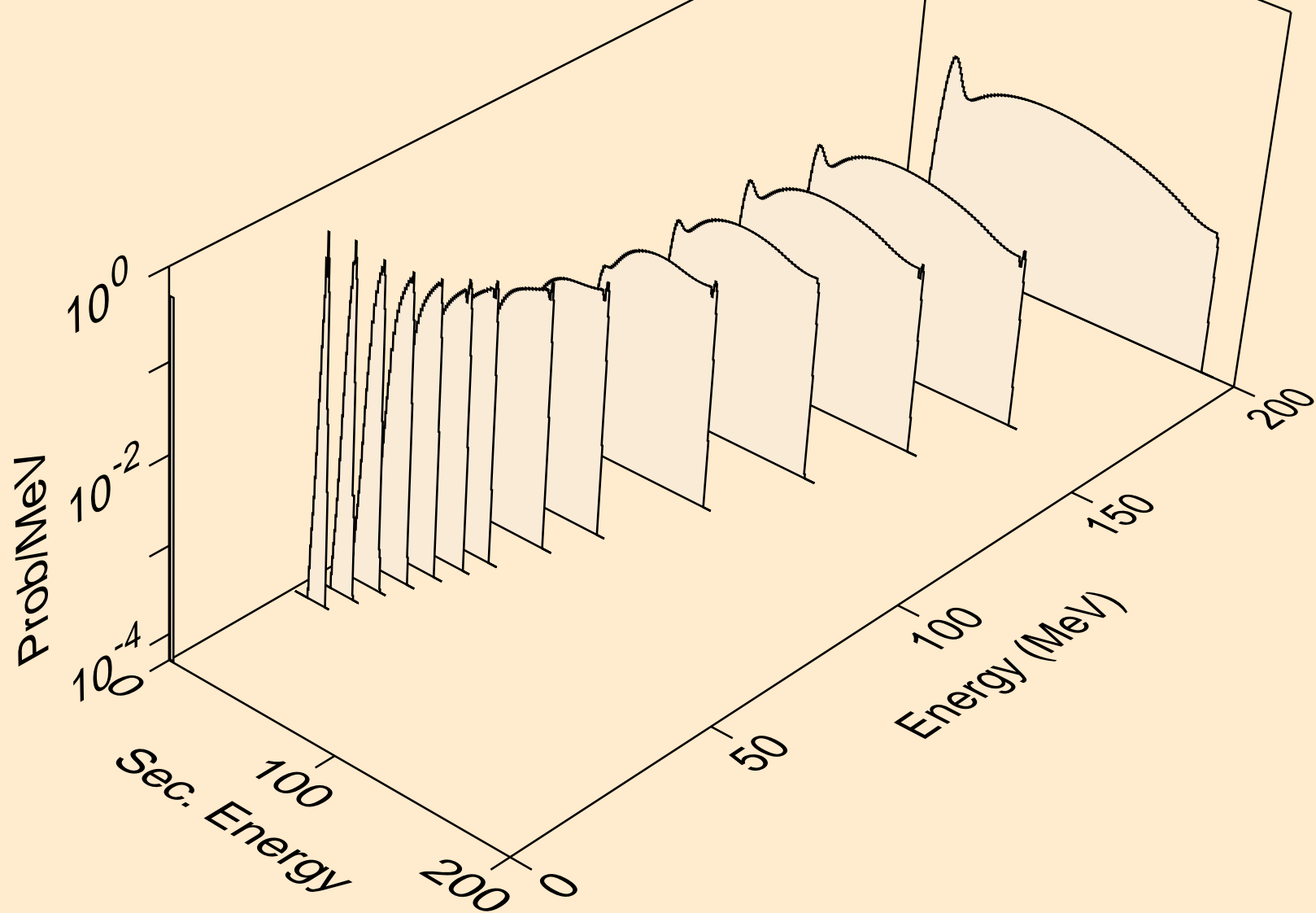
W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



W163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

