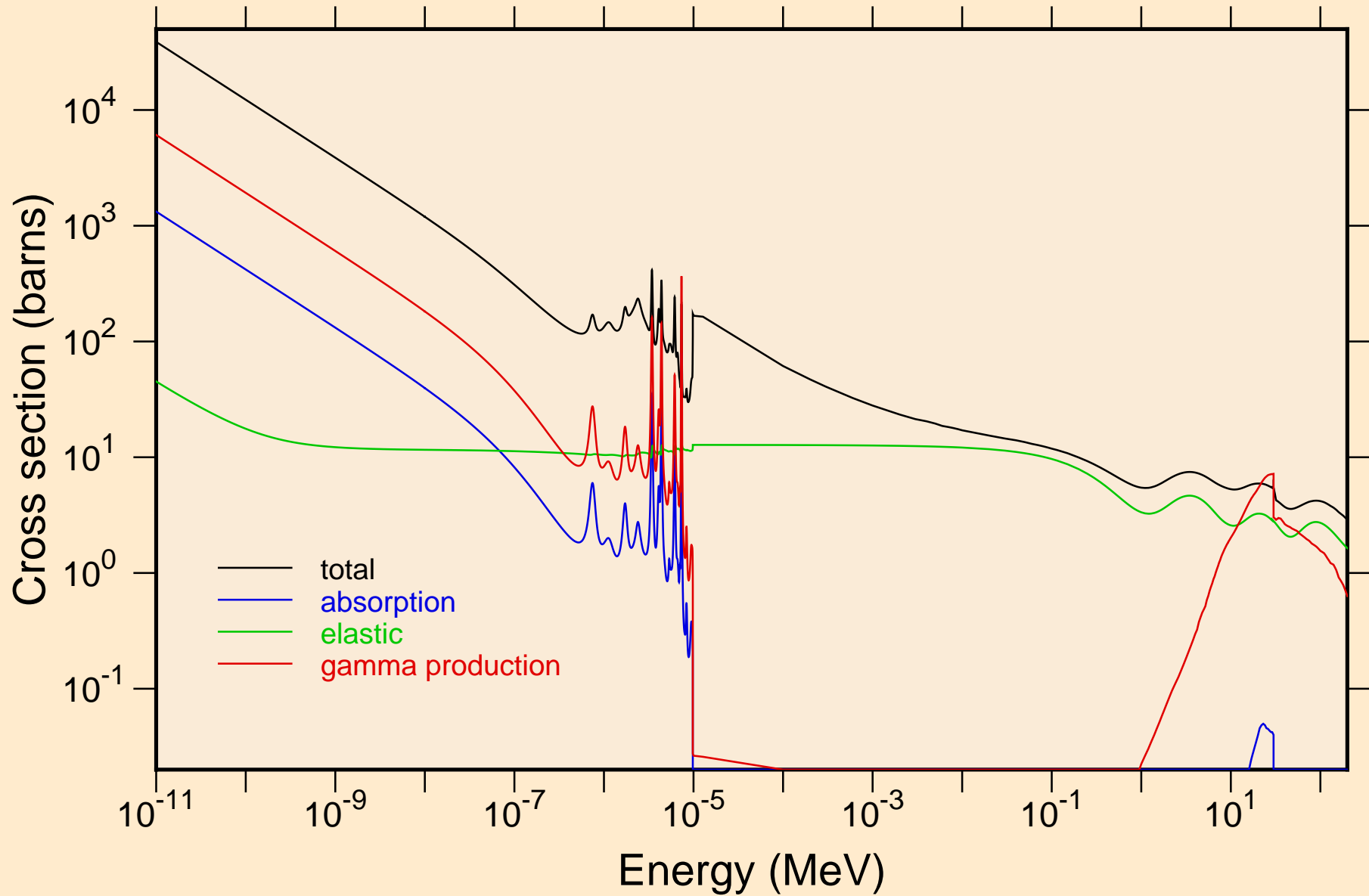
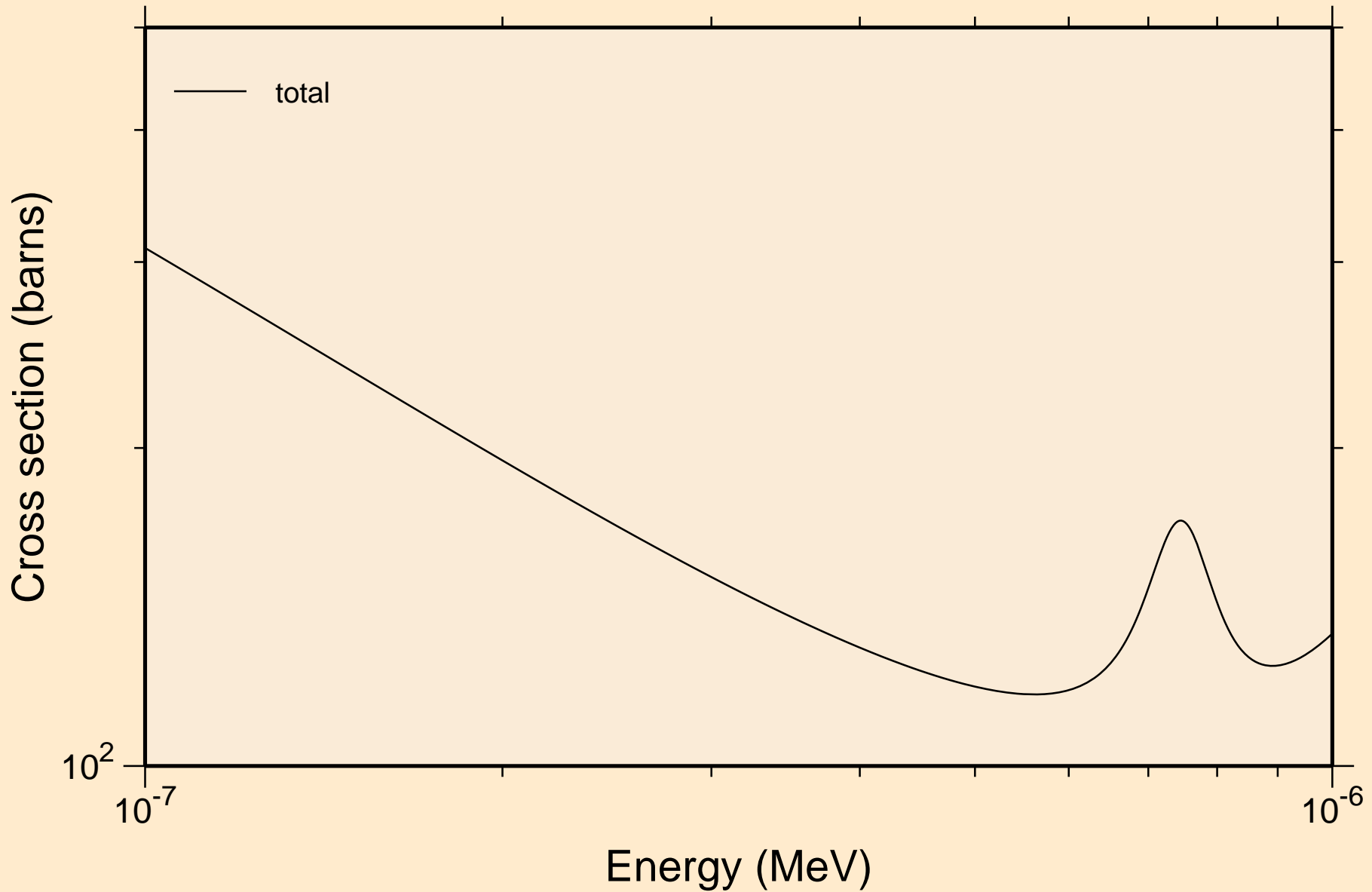


# PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

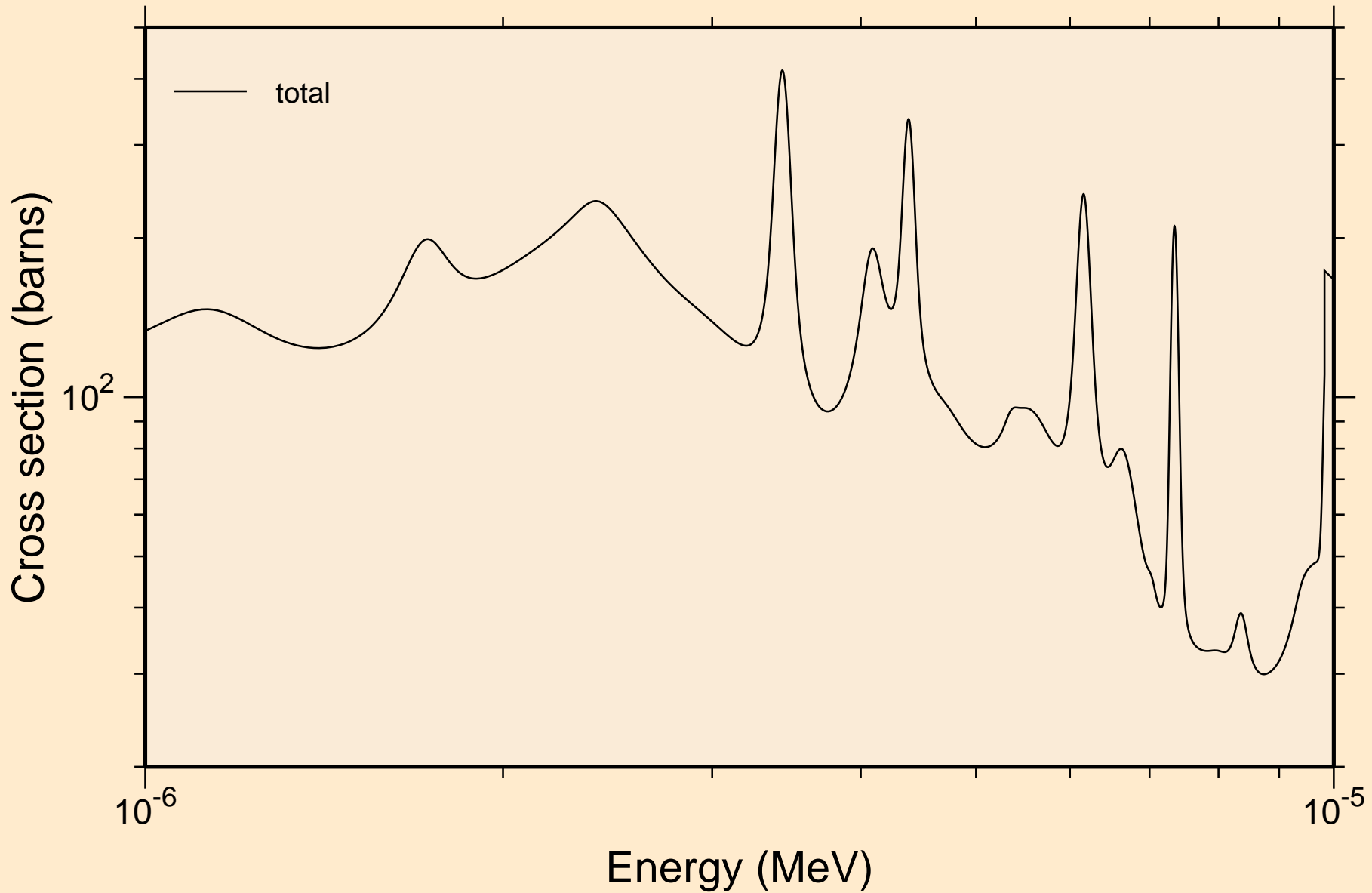
## Principal cross sections



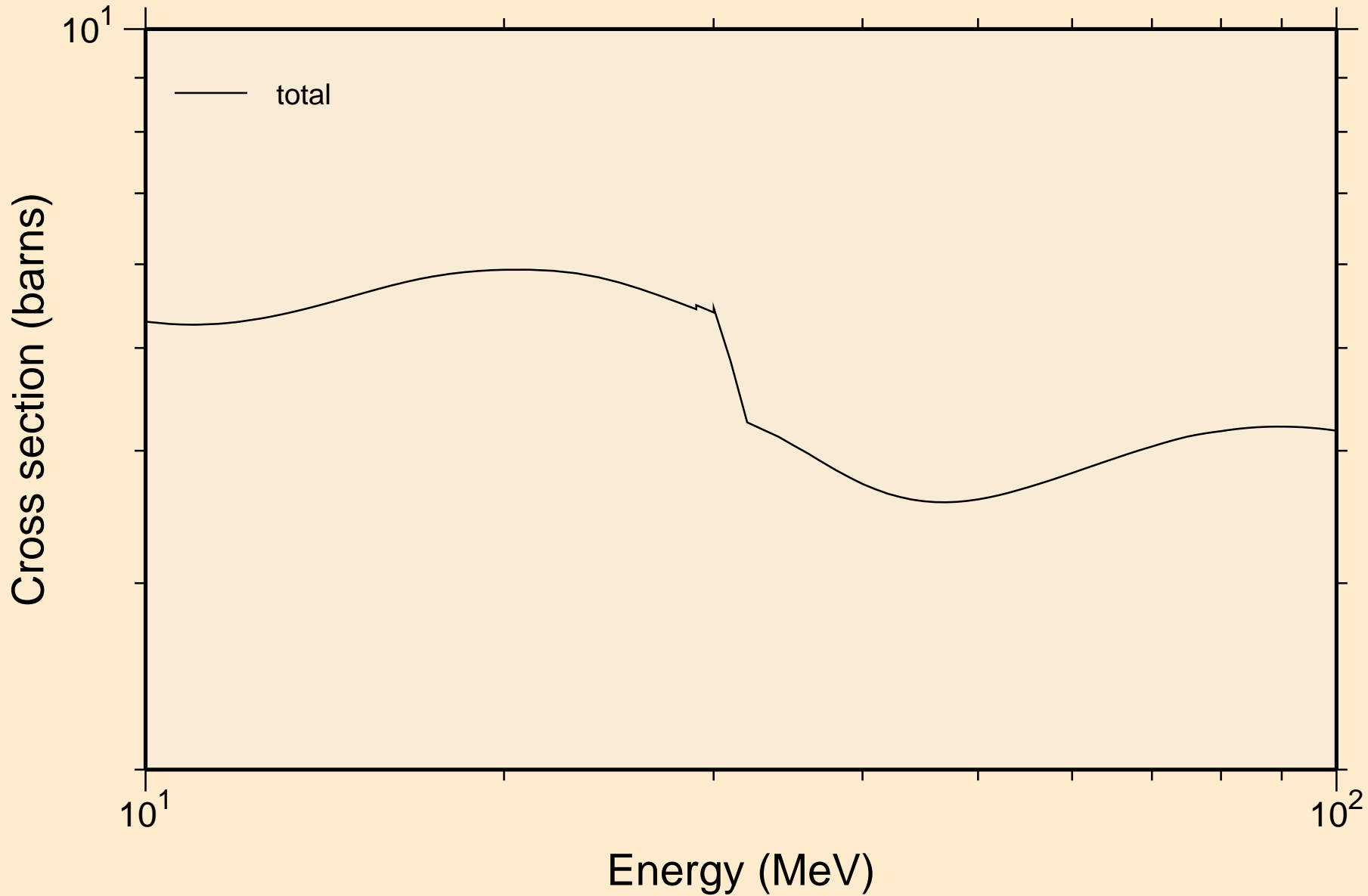
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



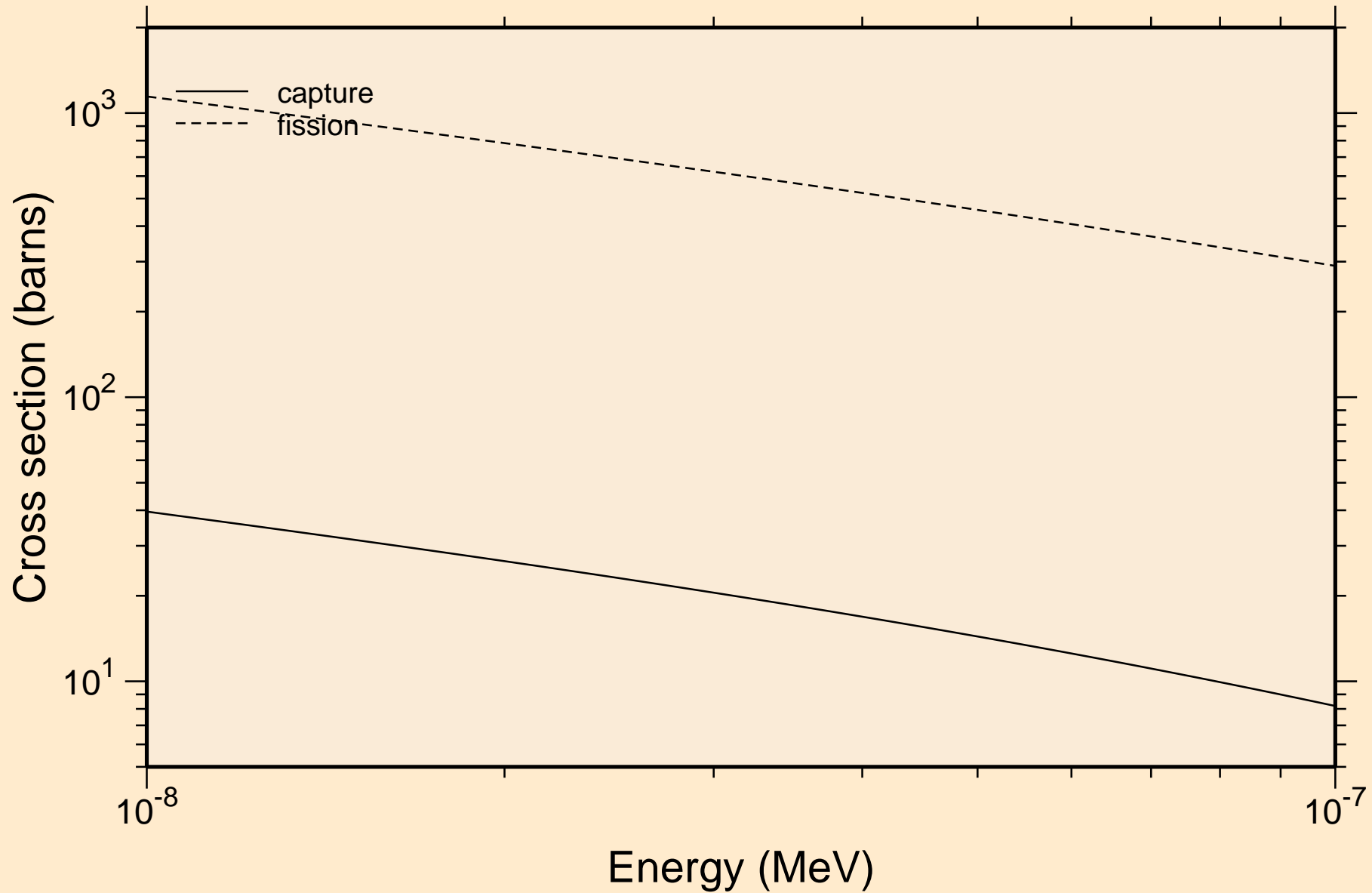
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



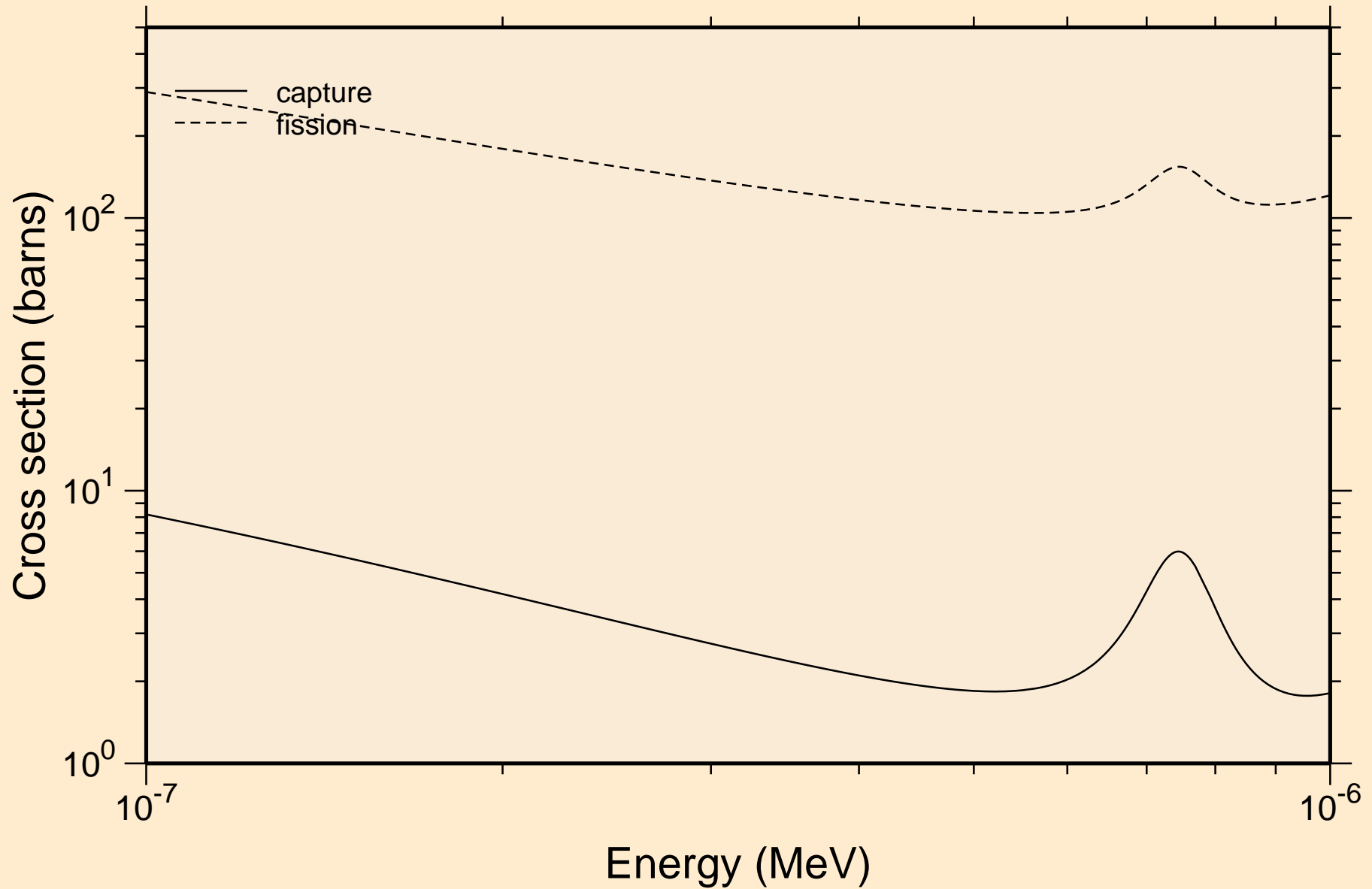
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



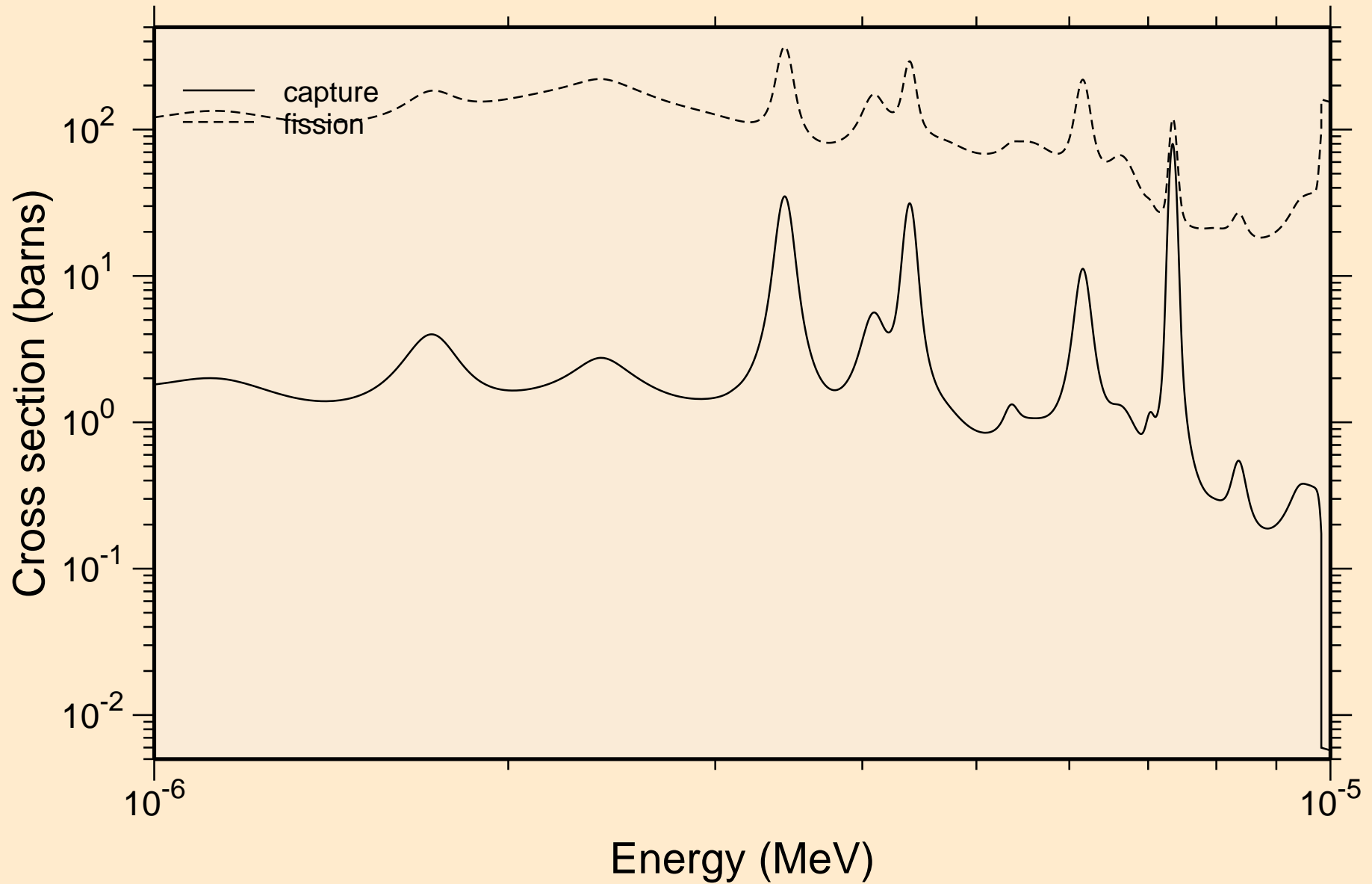
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



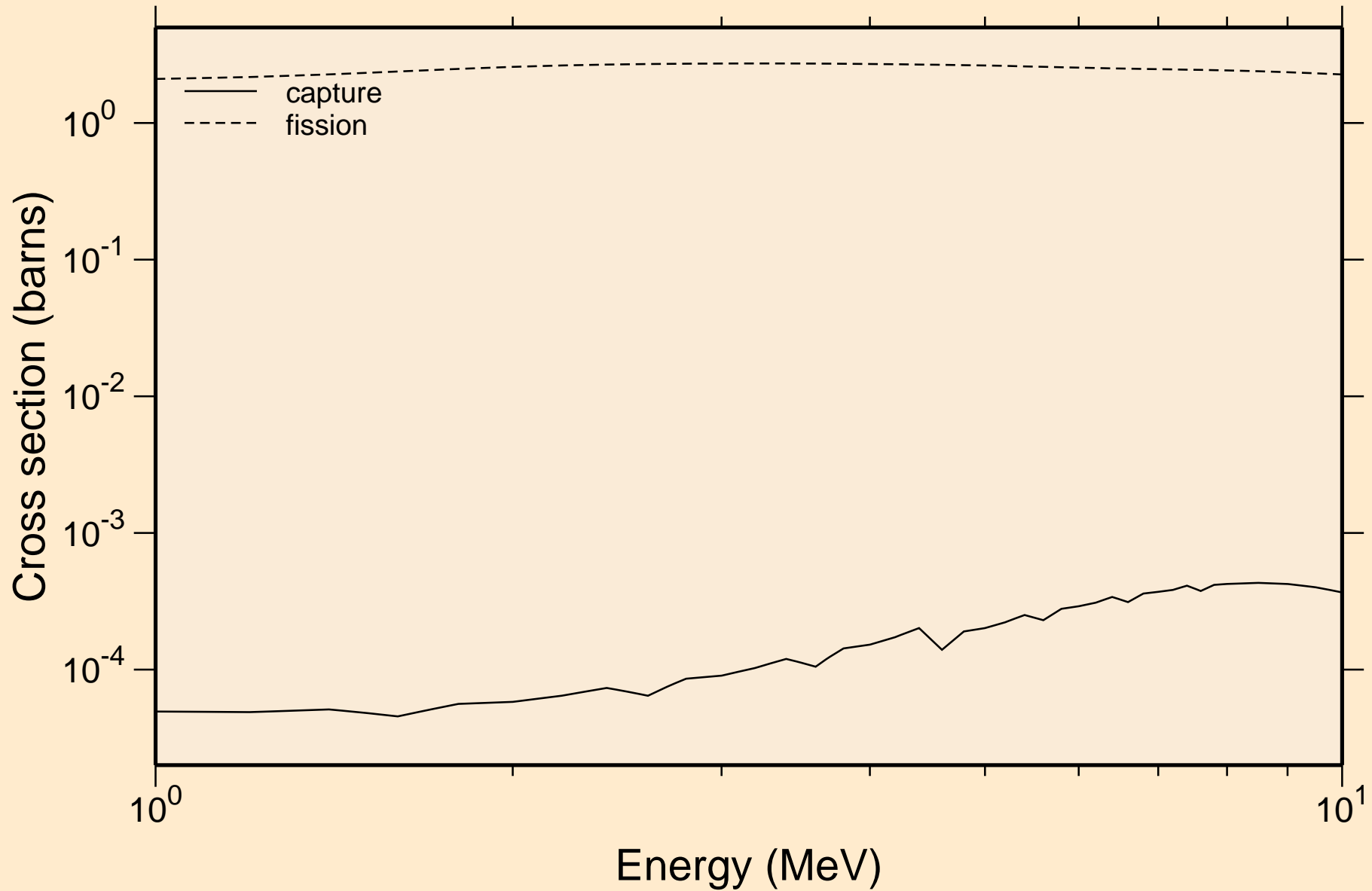
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

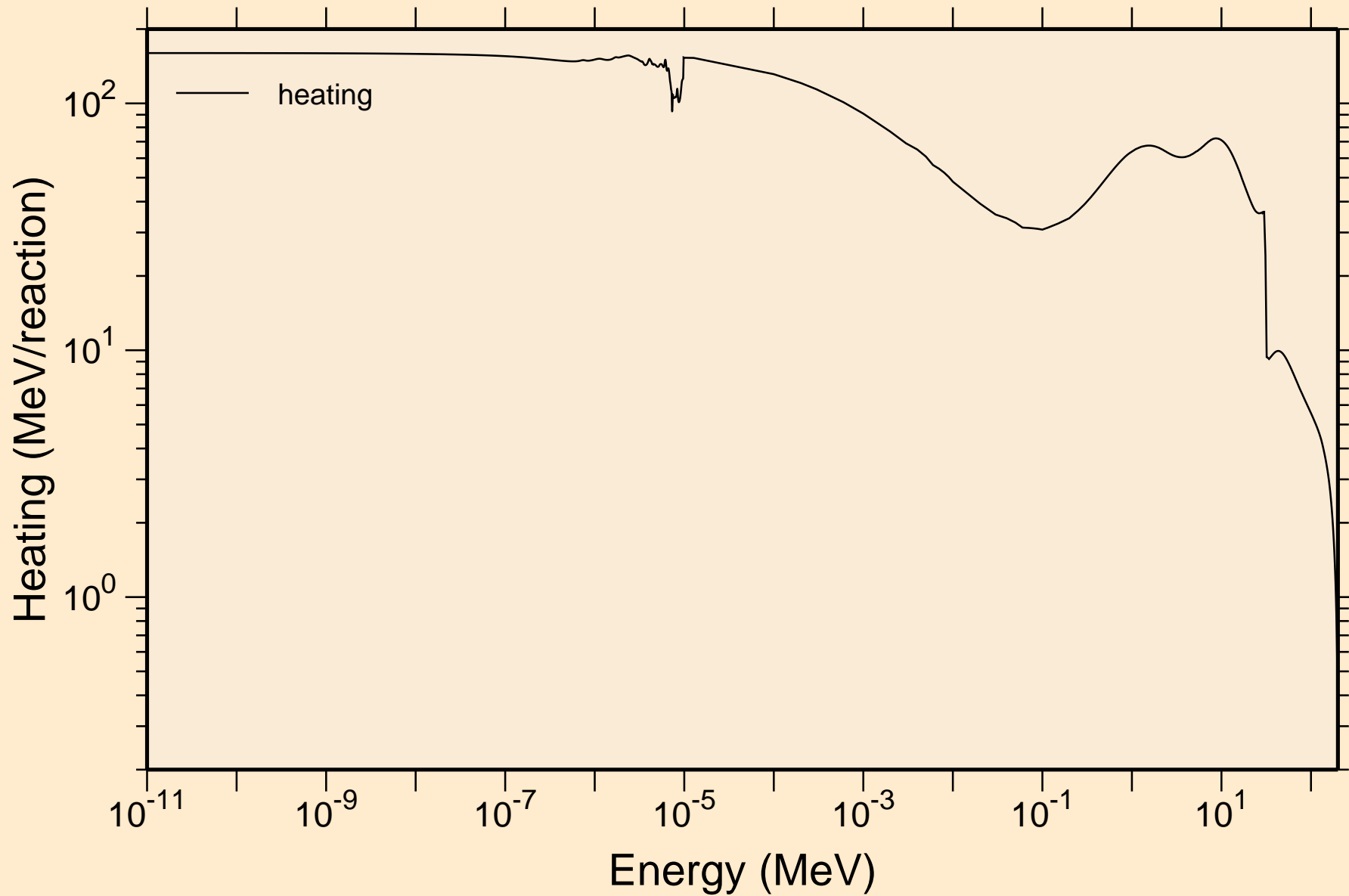


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

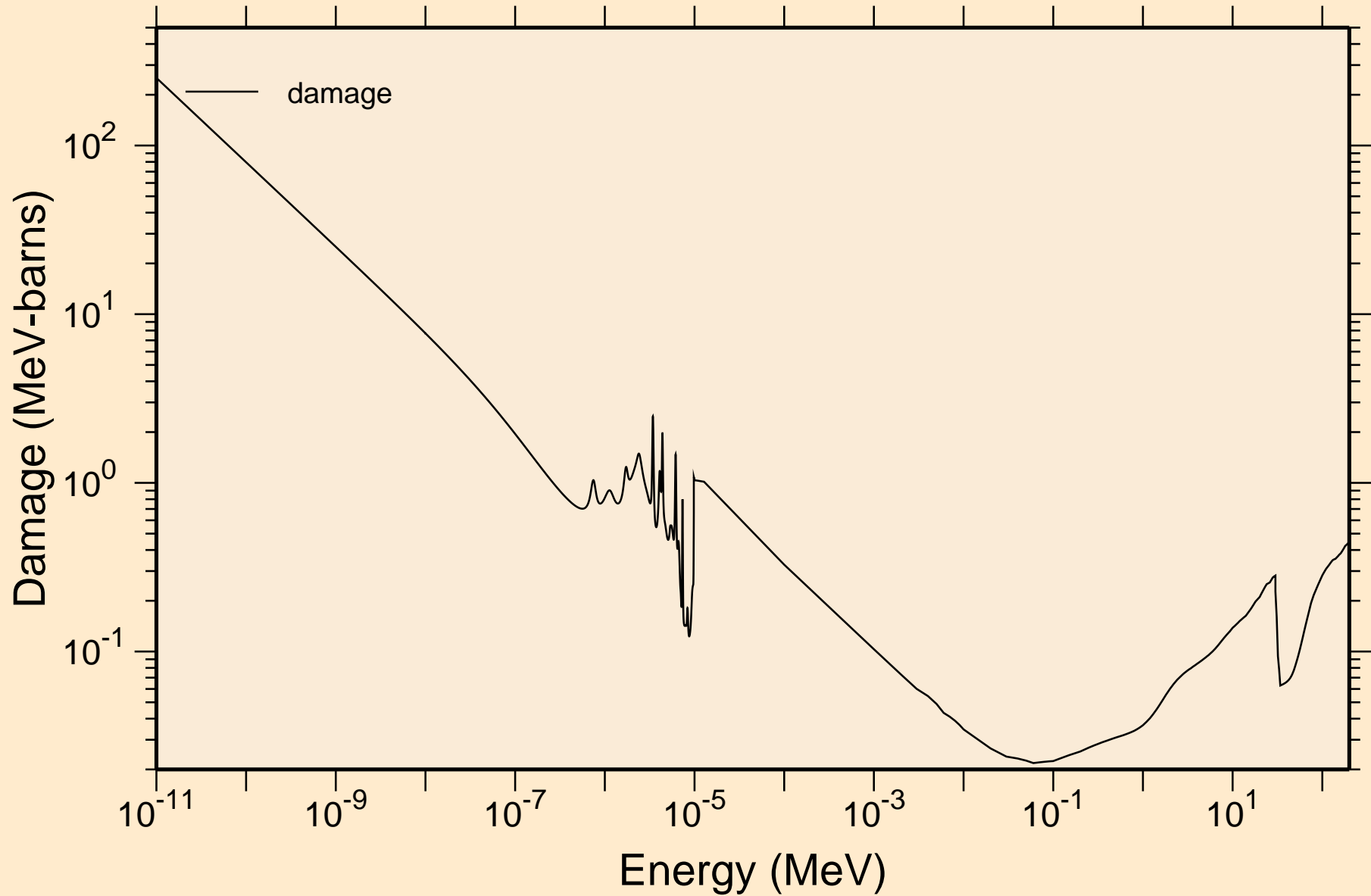




PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

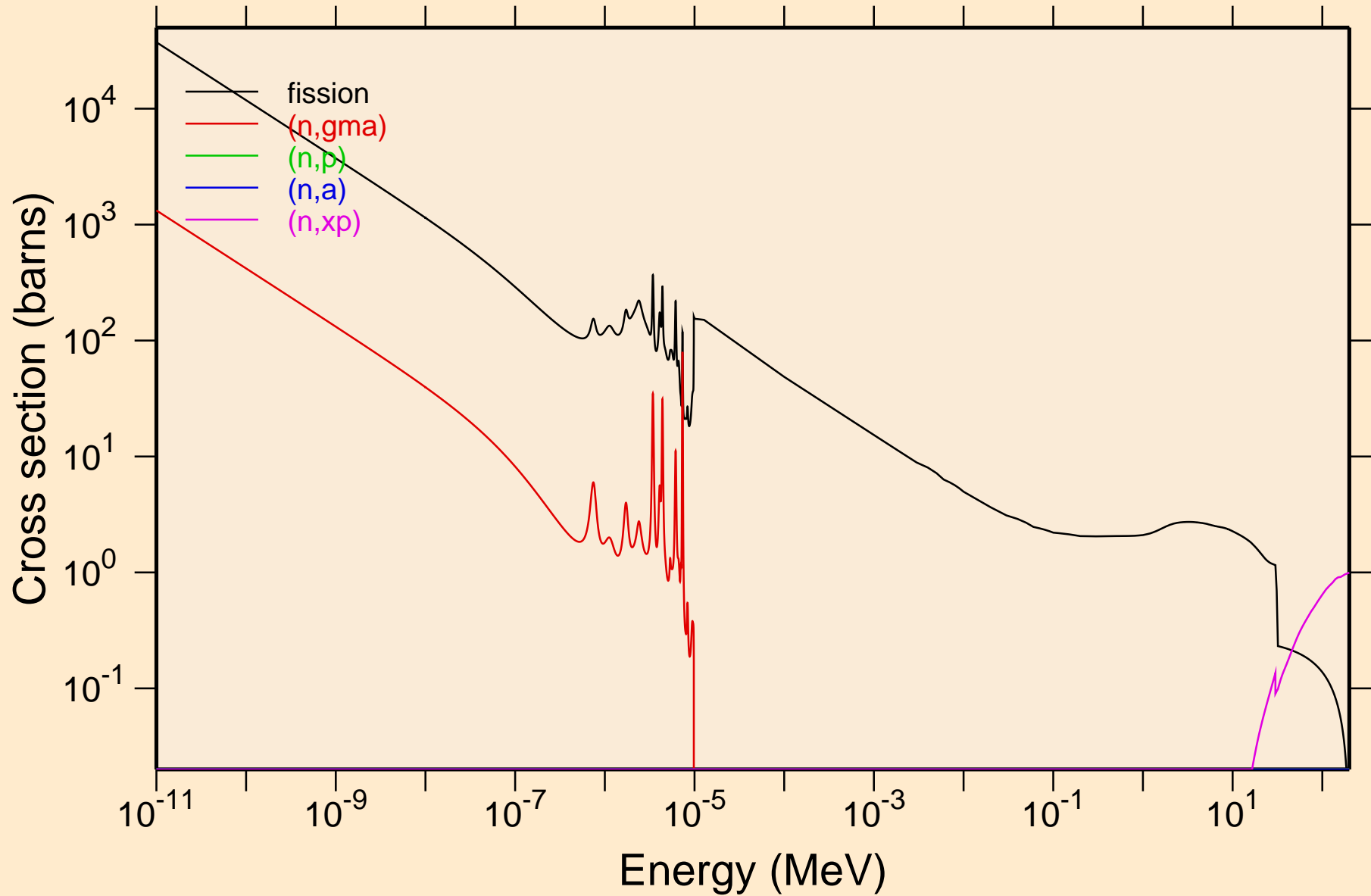


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

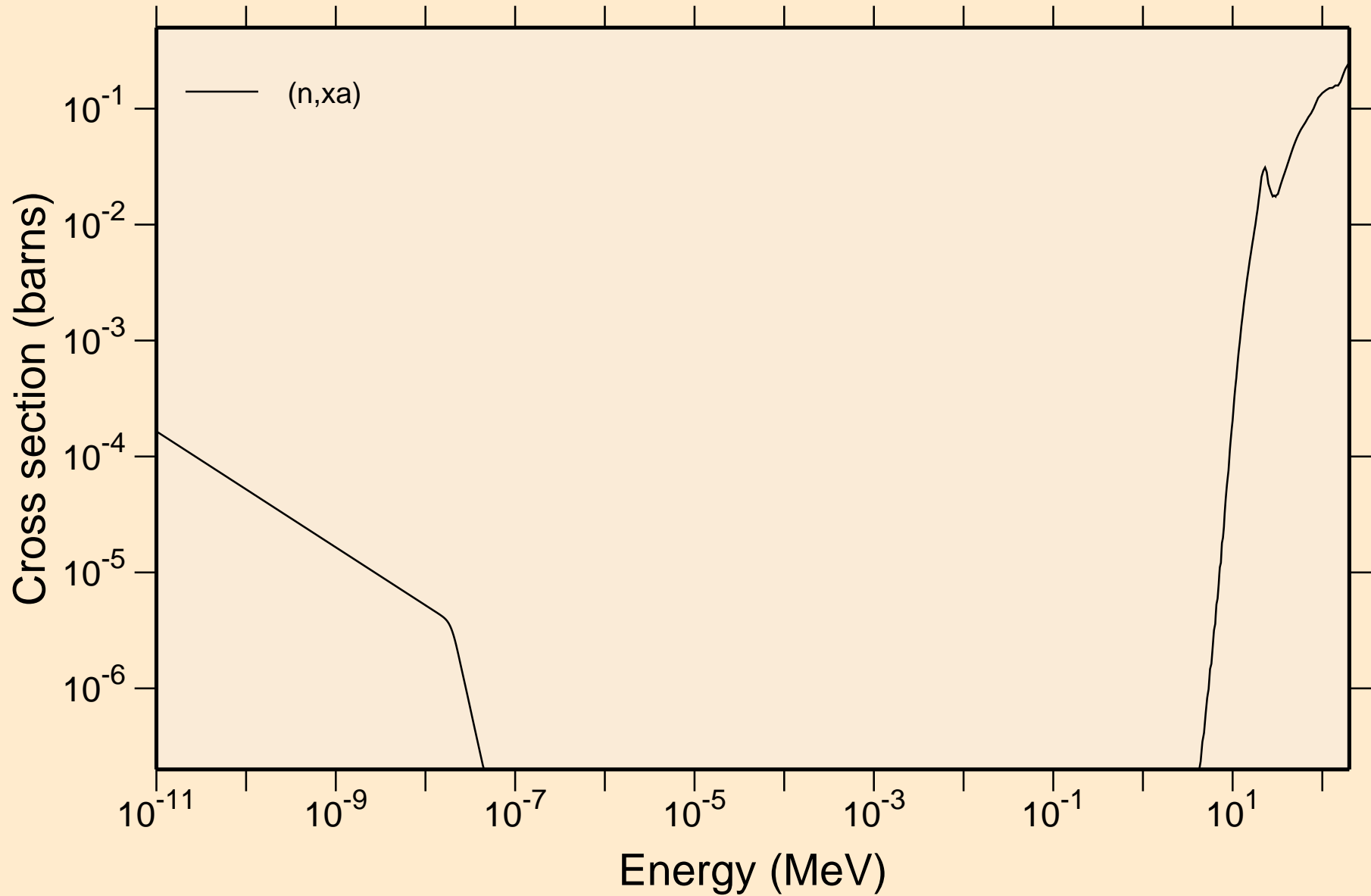


# PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

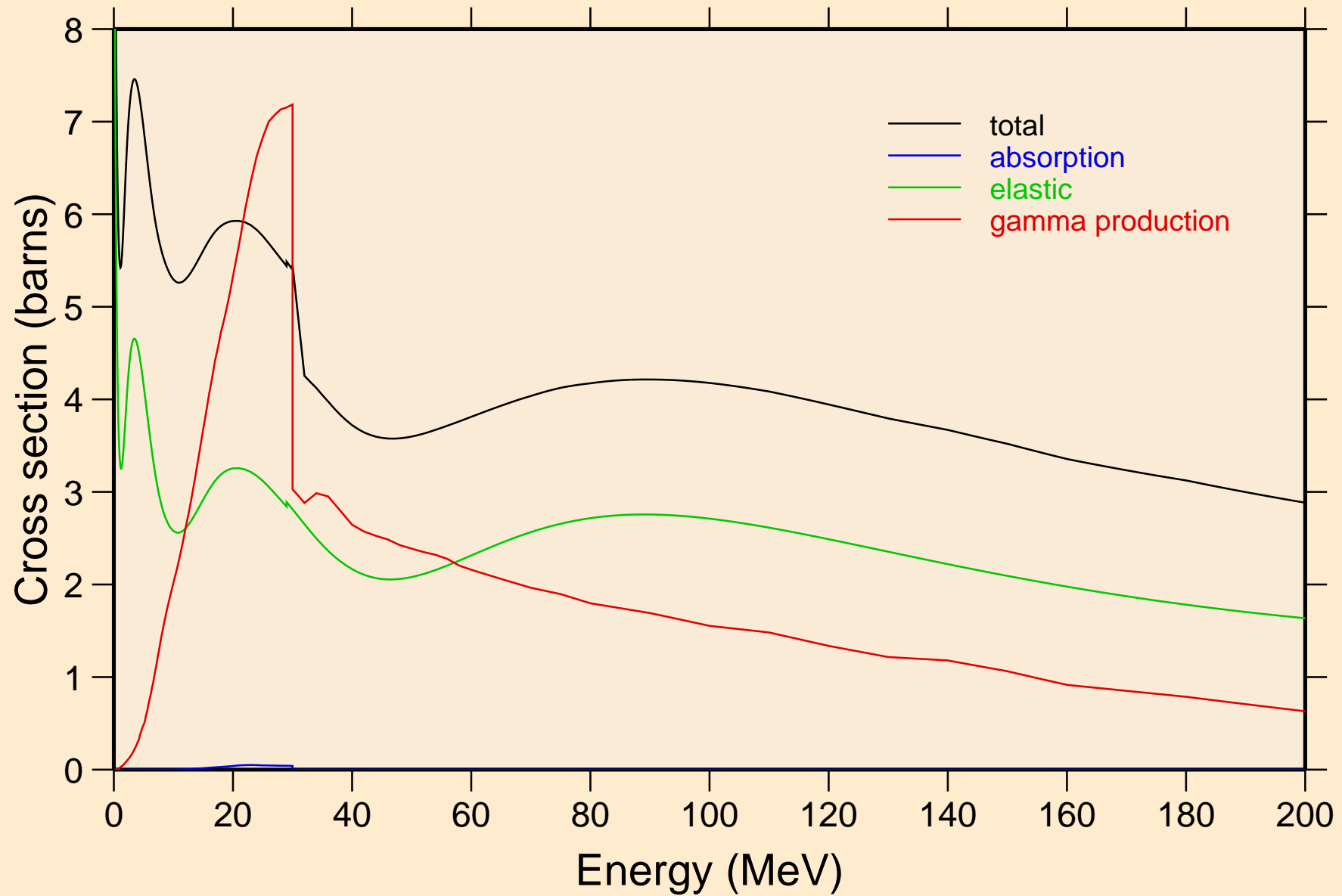
## Non-threshold reactions



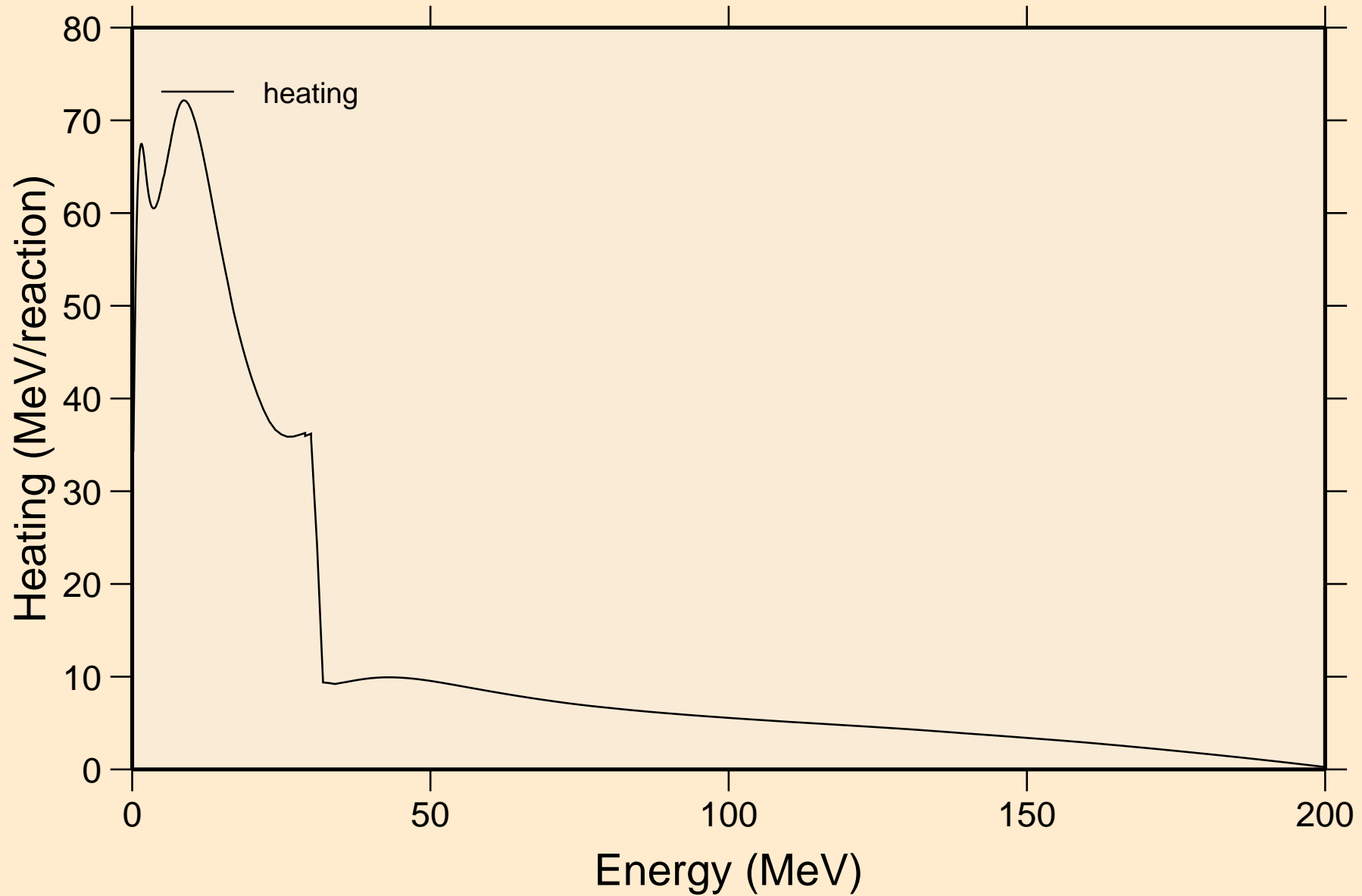
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



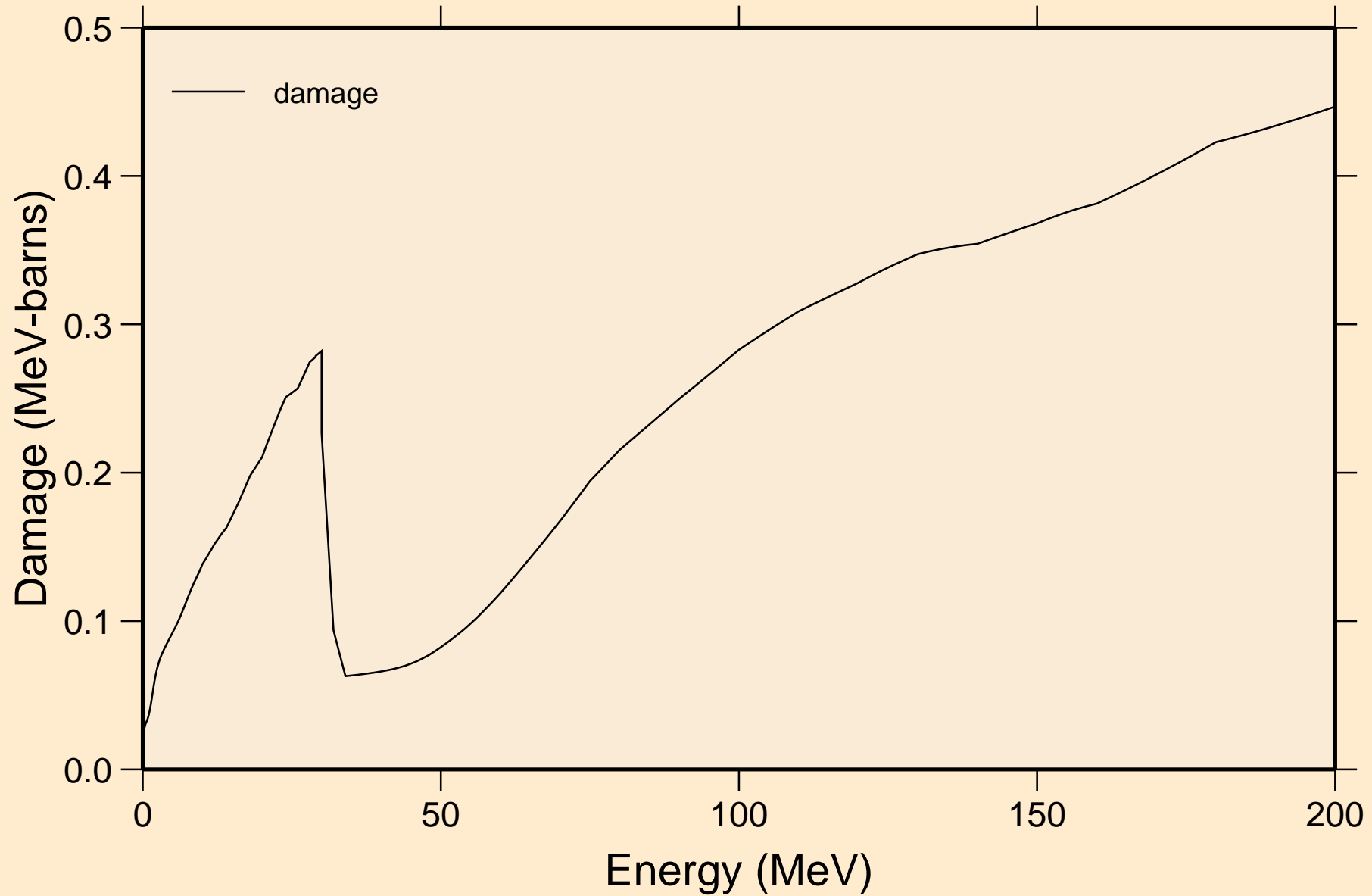
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



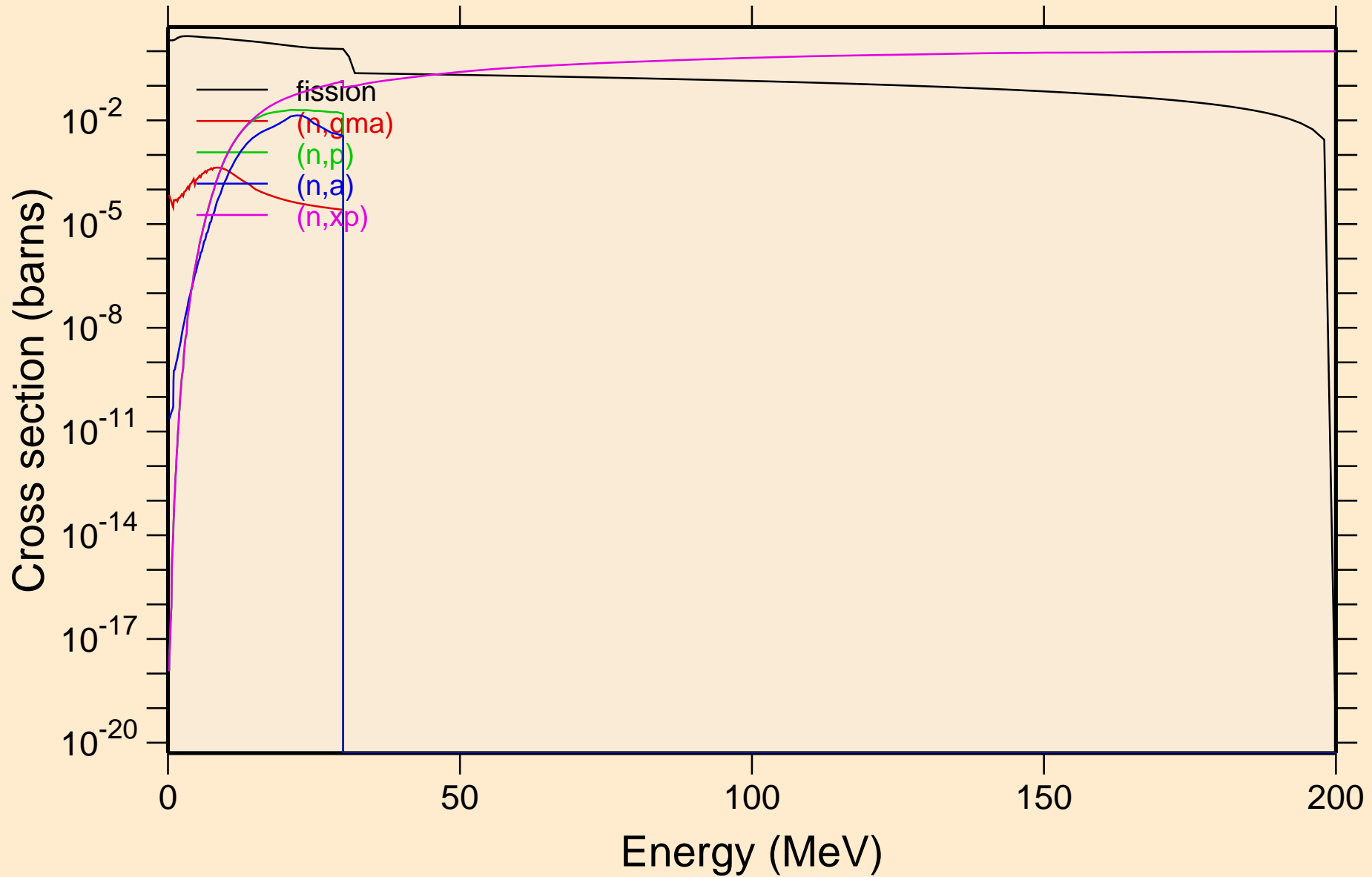
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

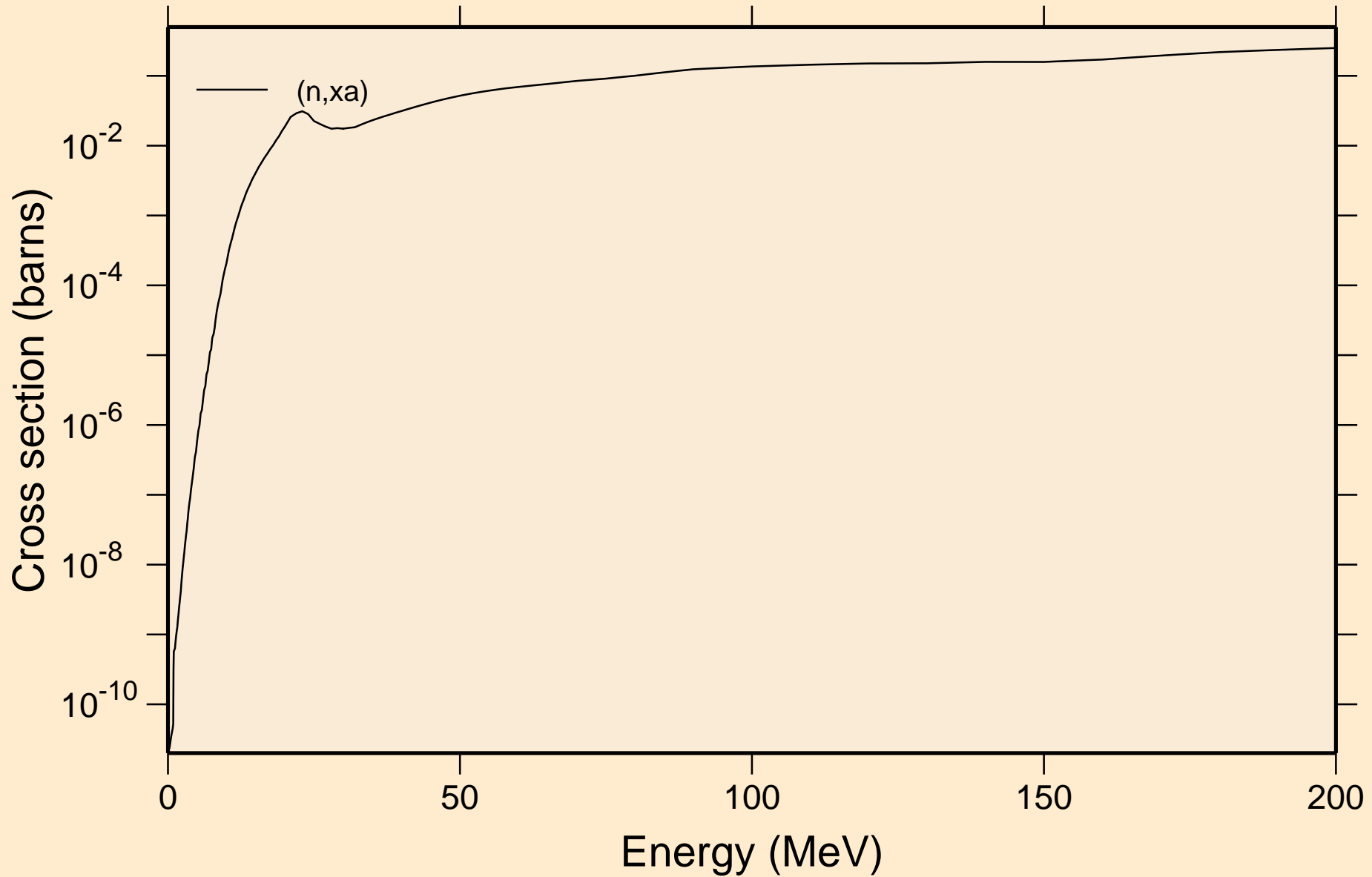


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

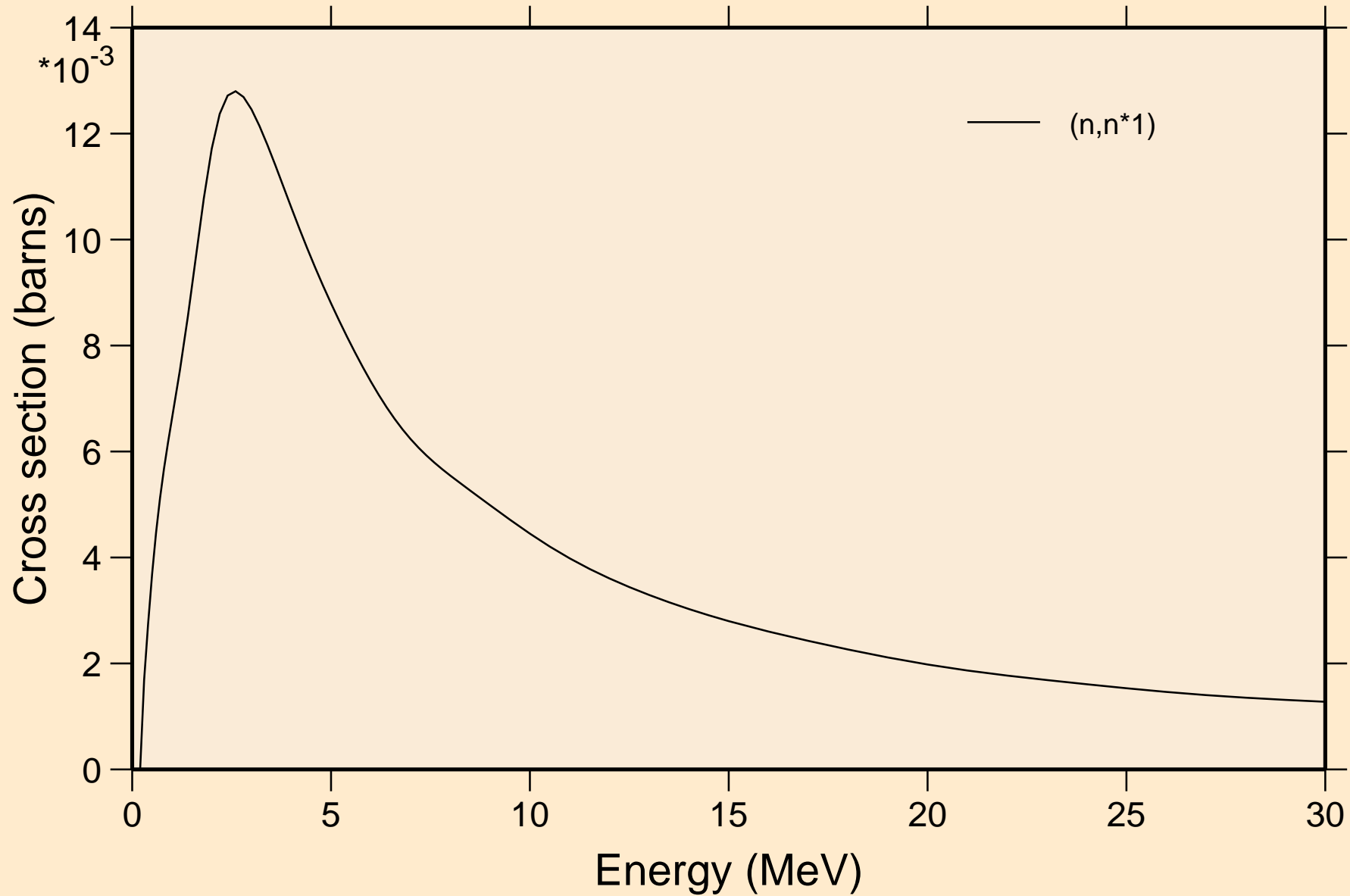




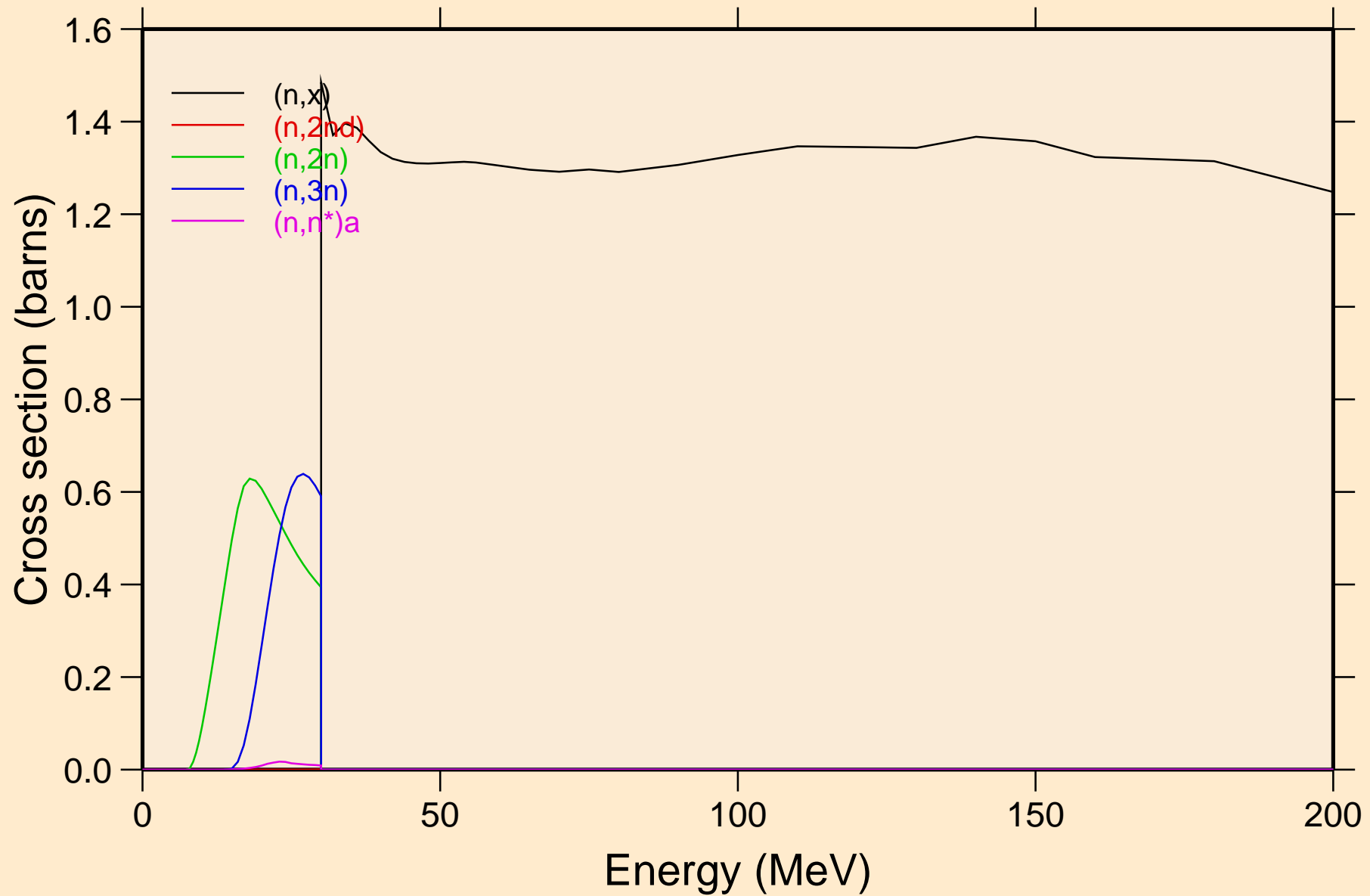
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



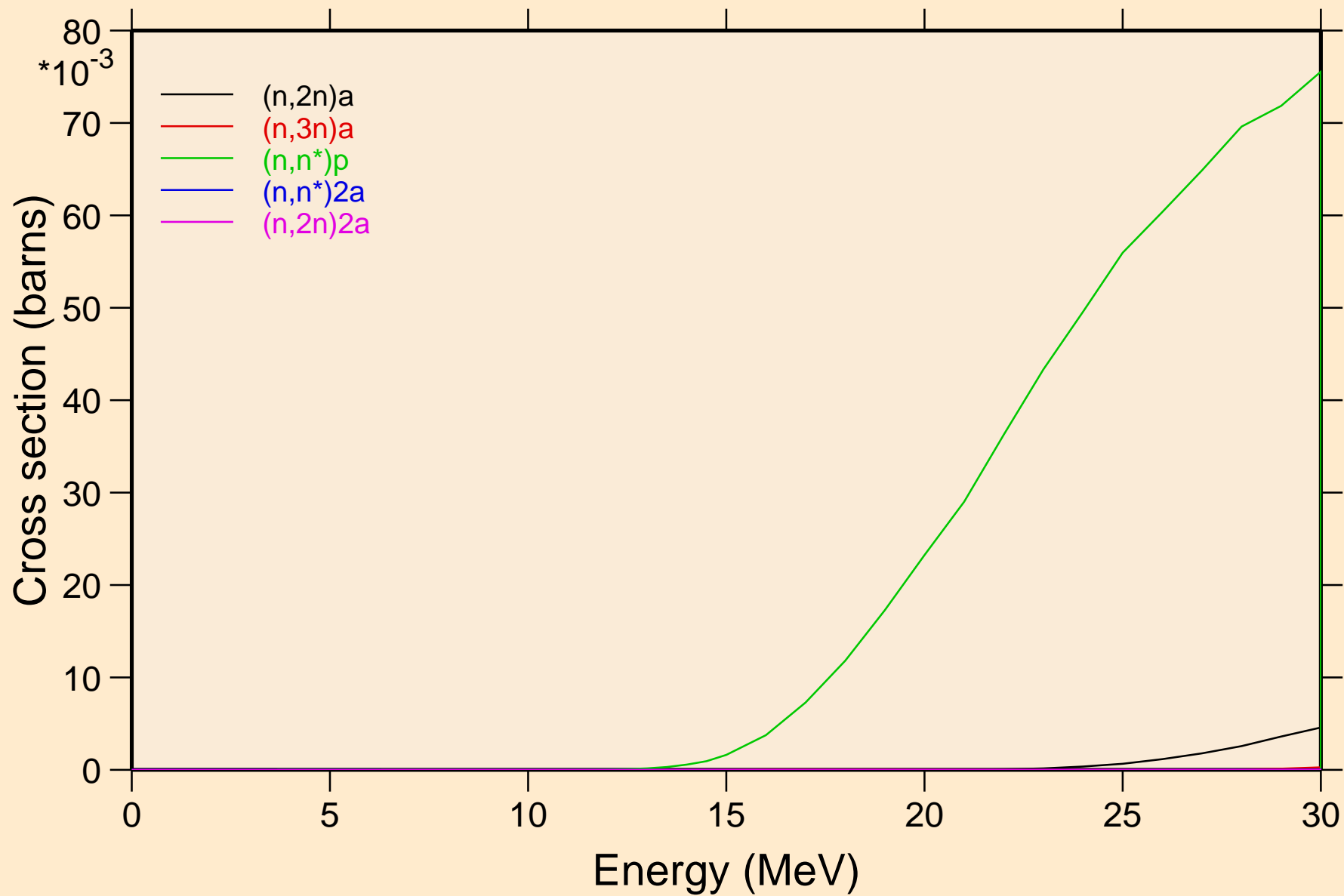
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



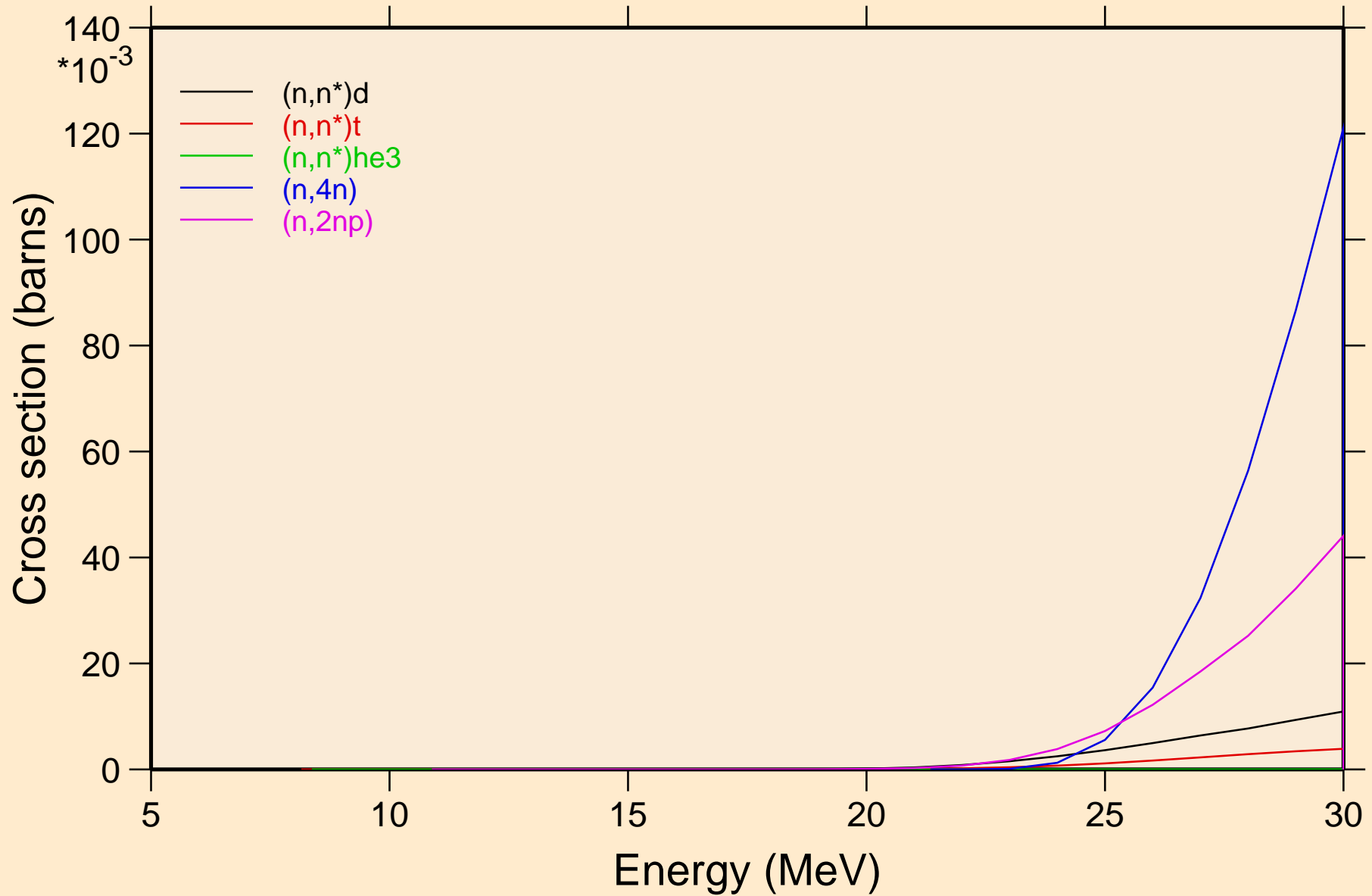
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



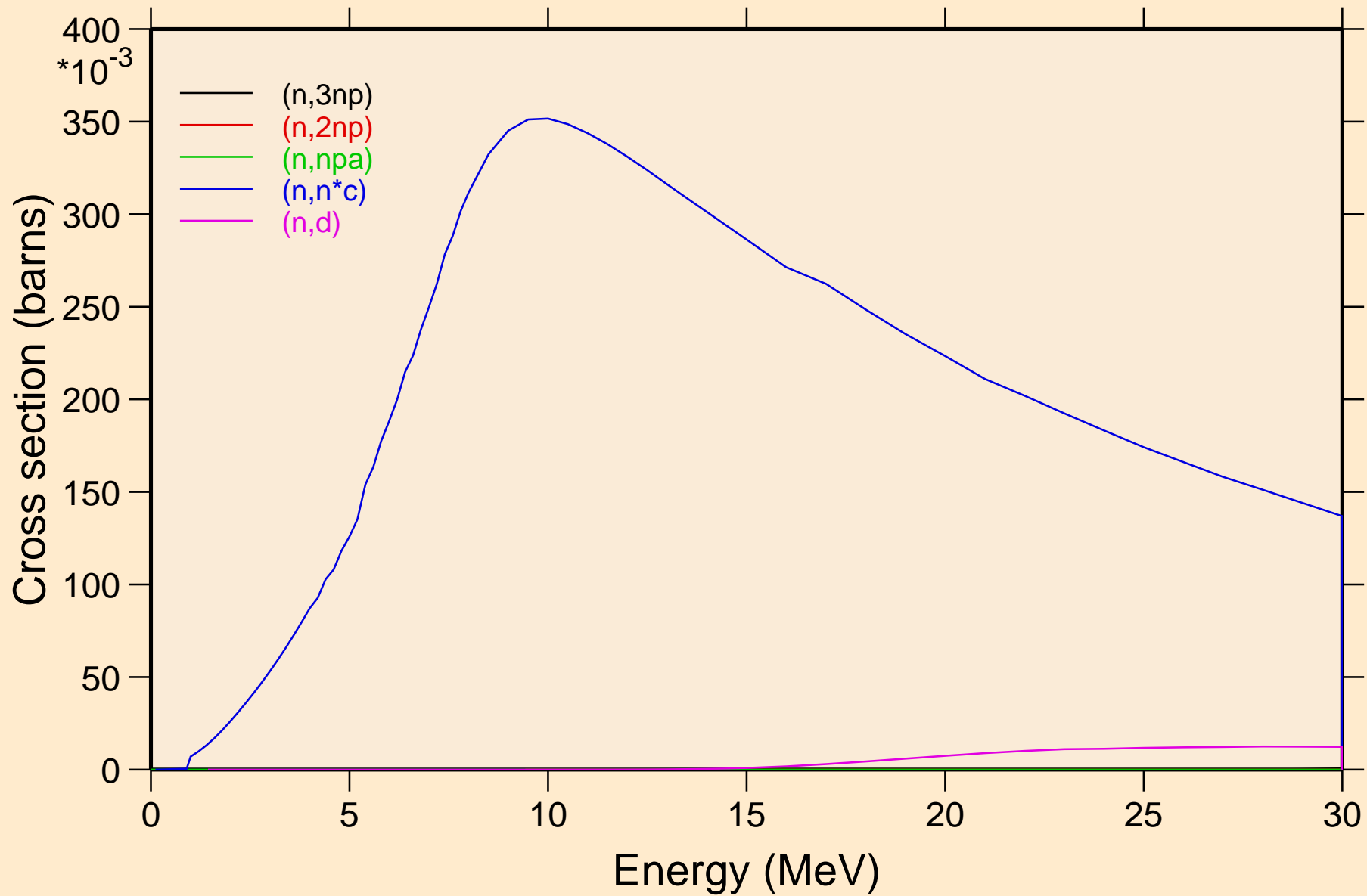
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



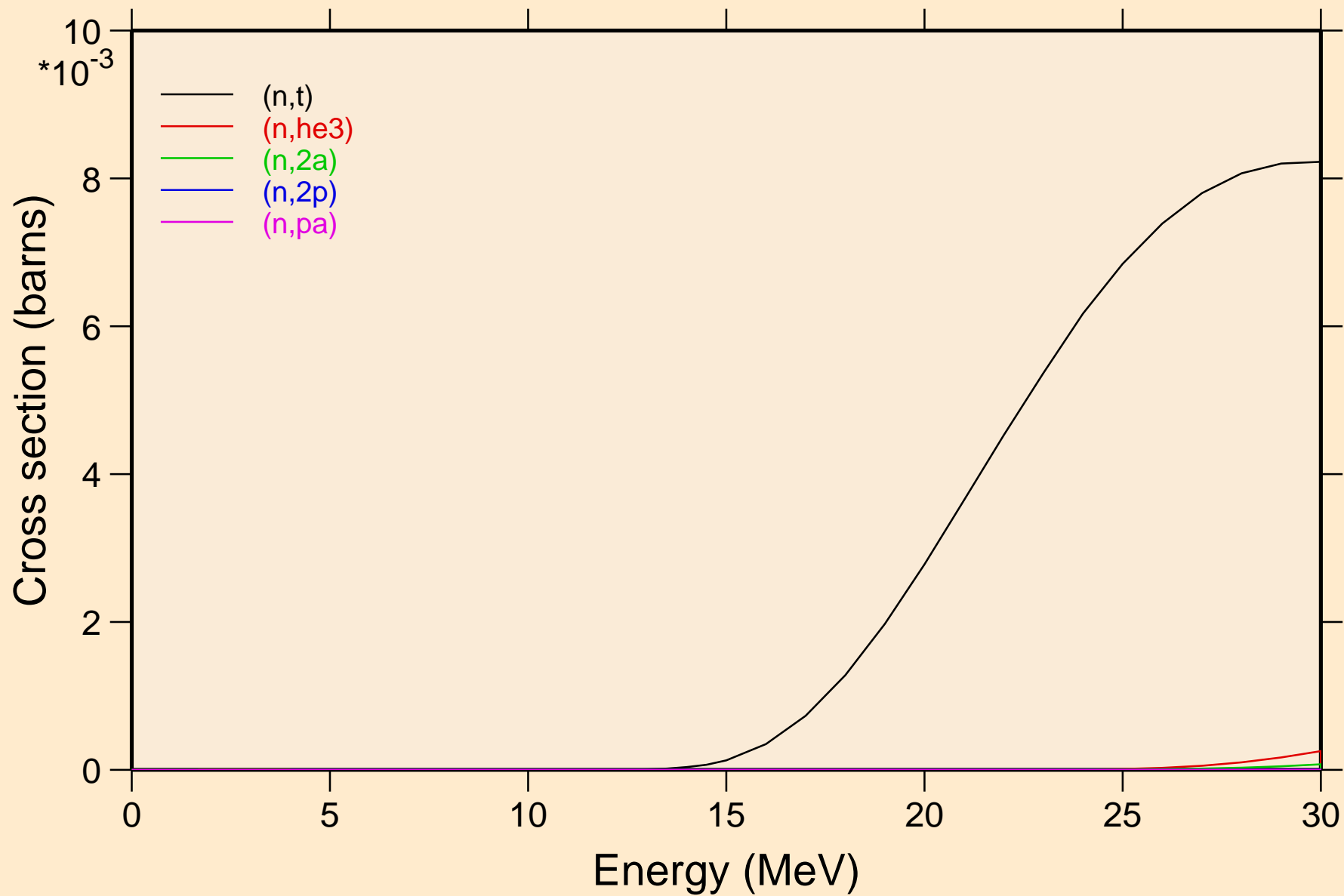
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



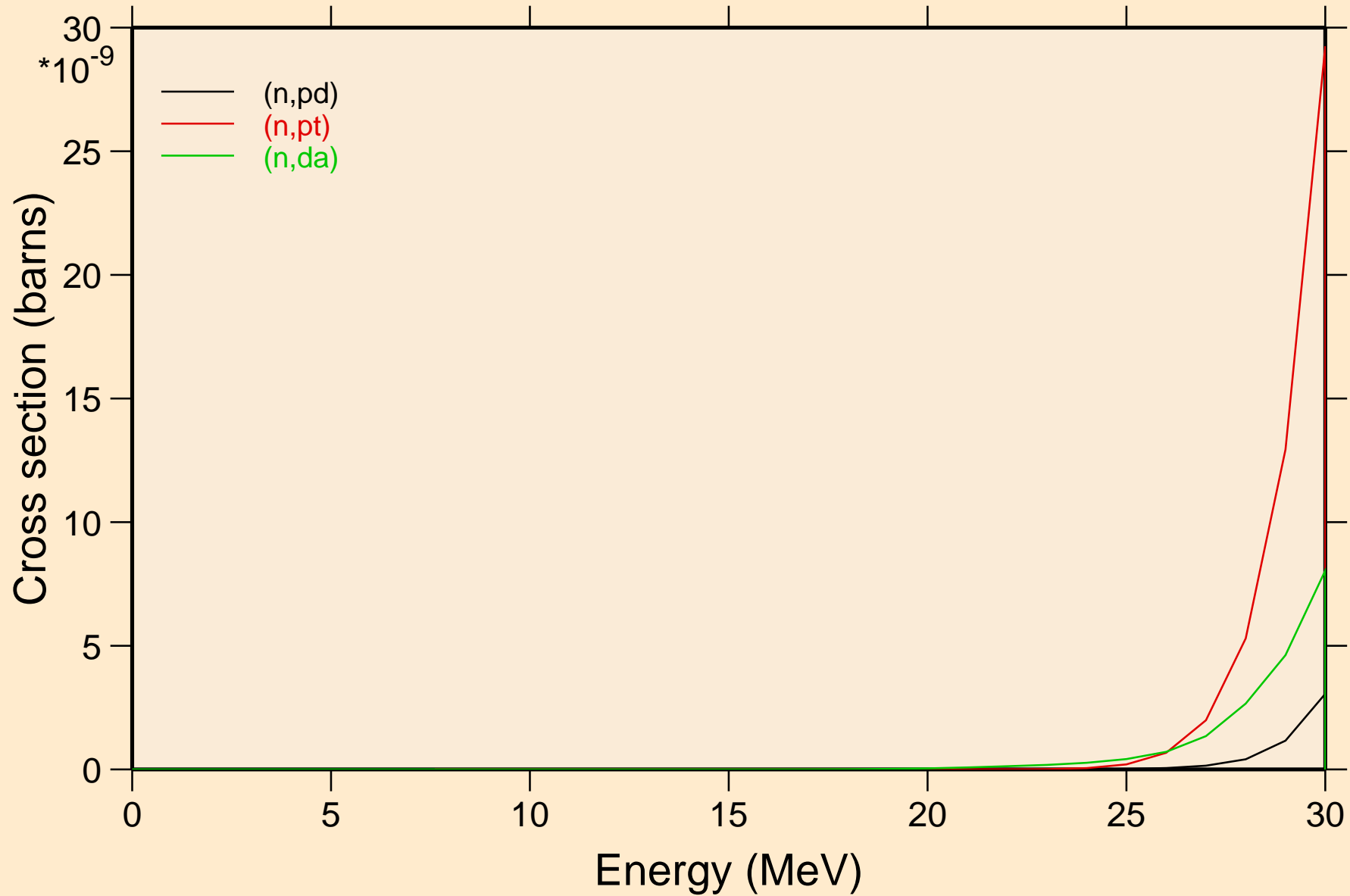
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

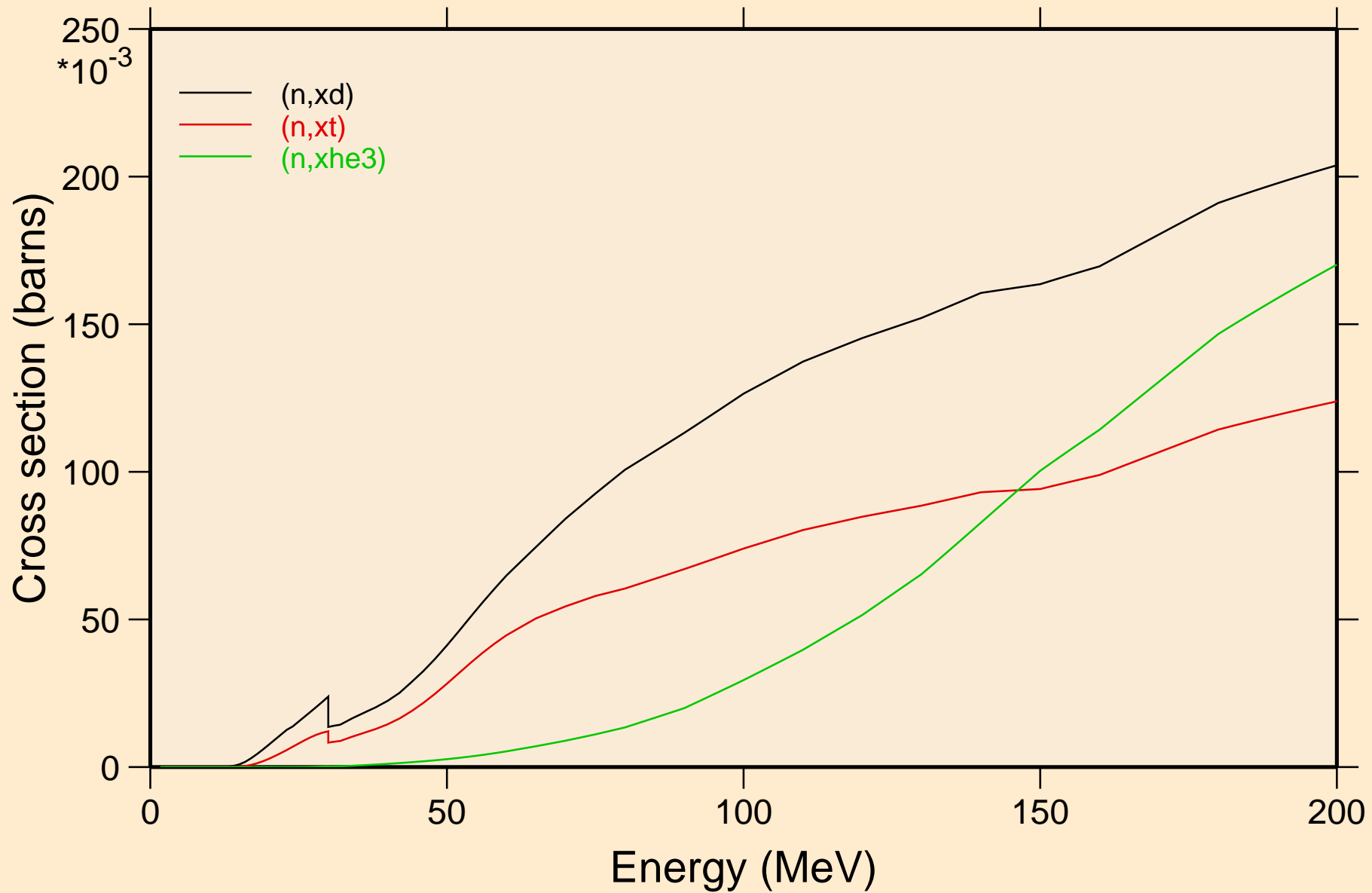


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

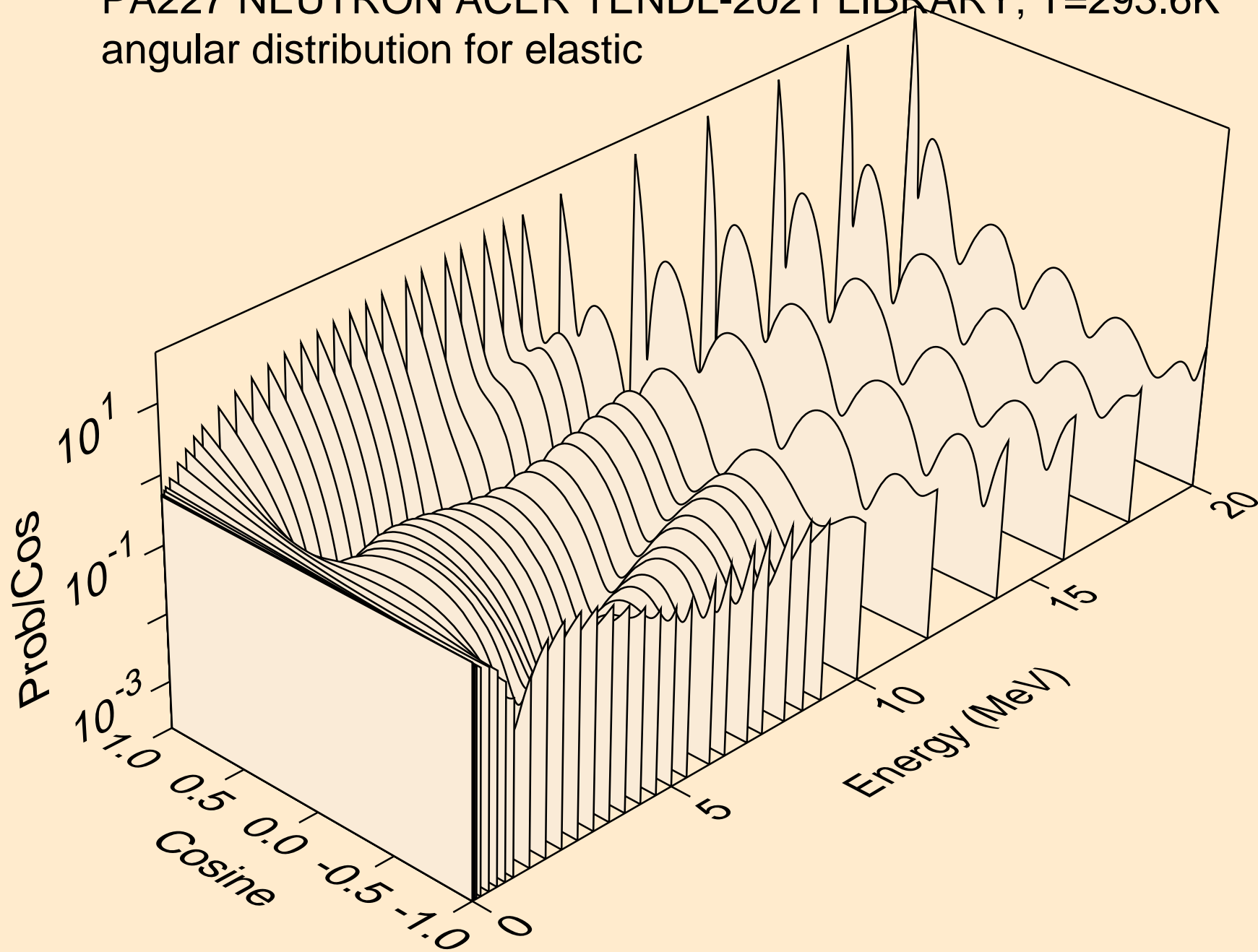




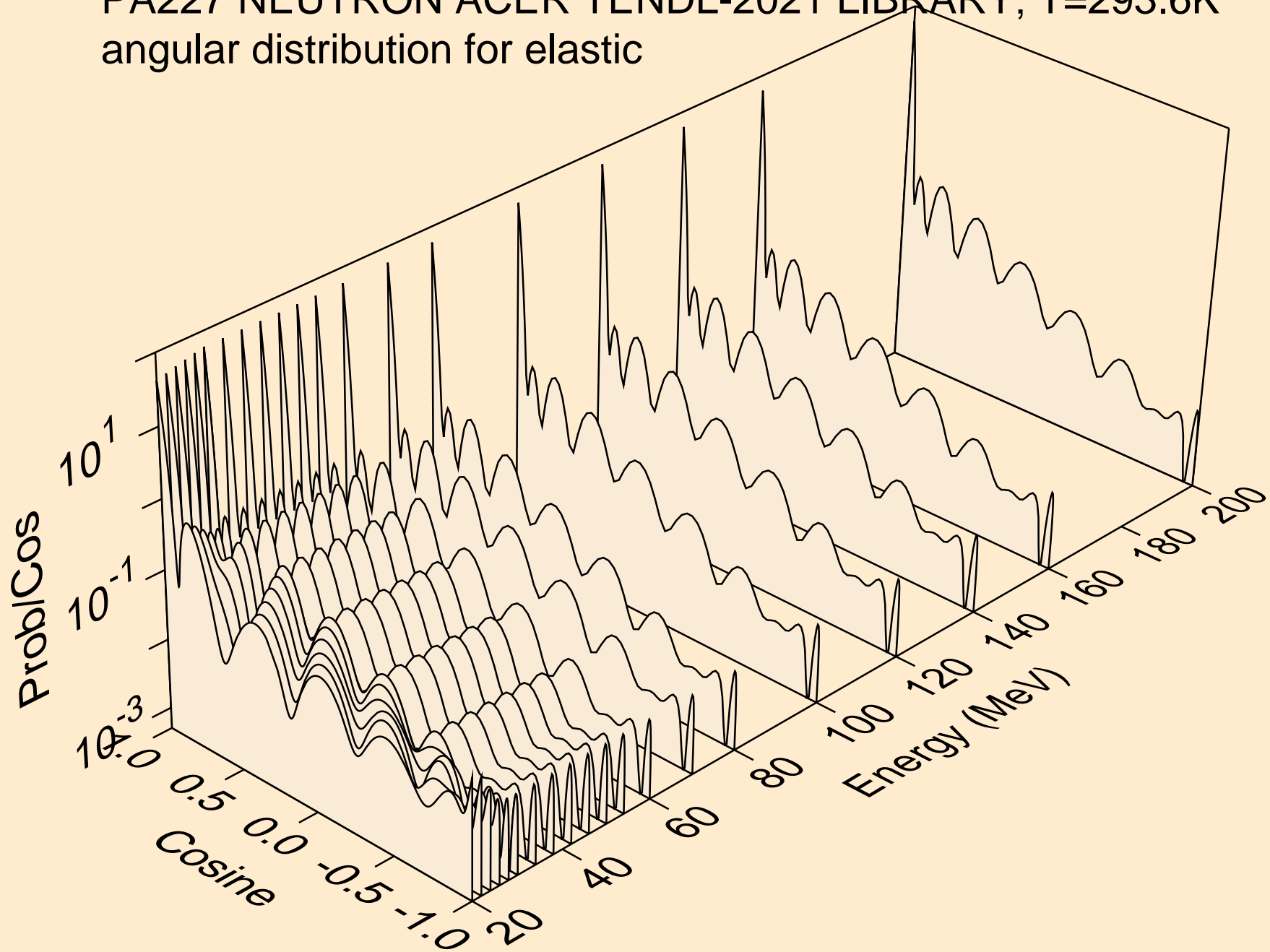
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



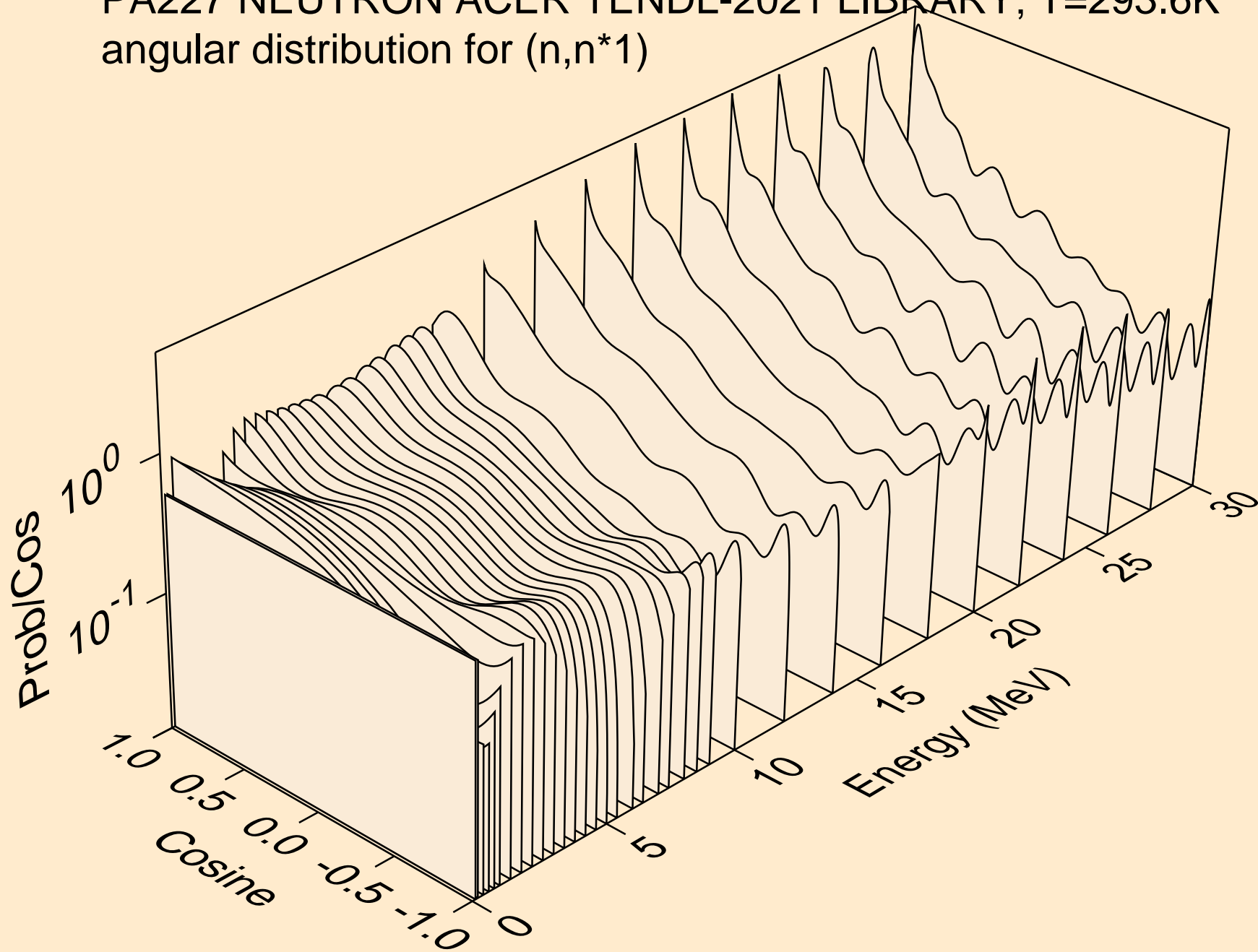
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



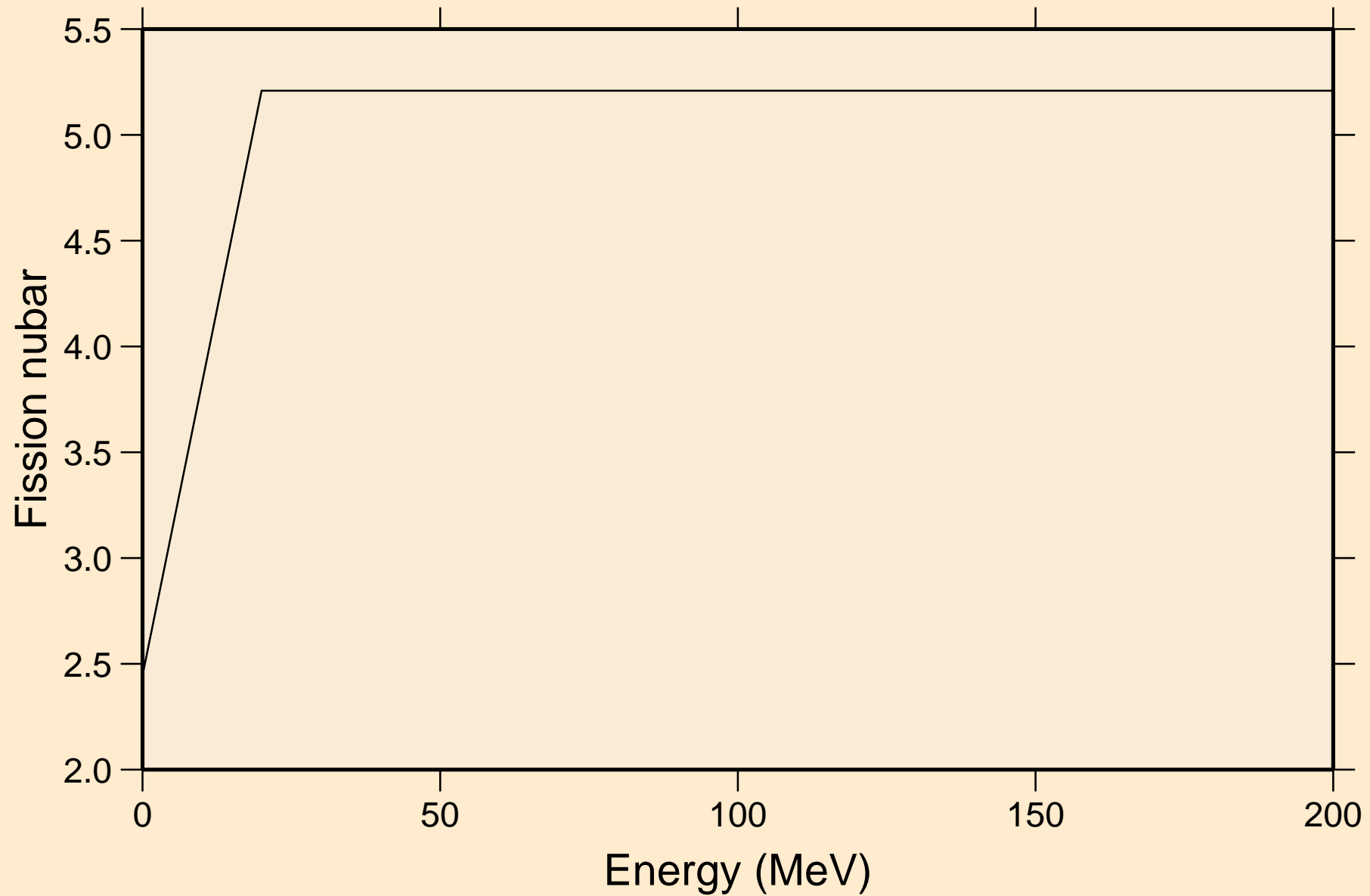
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



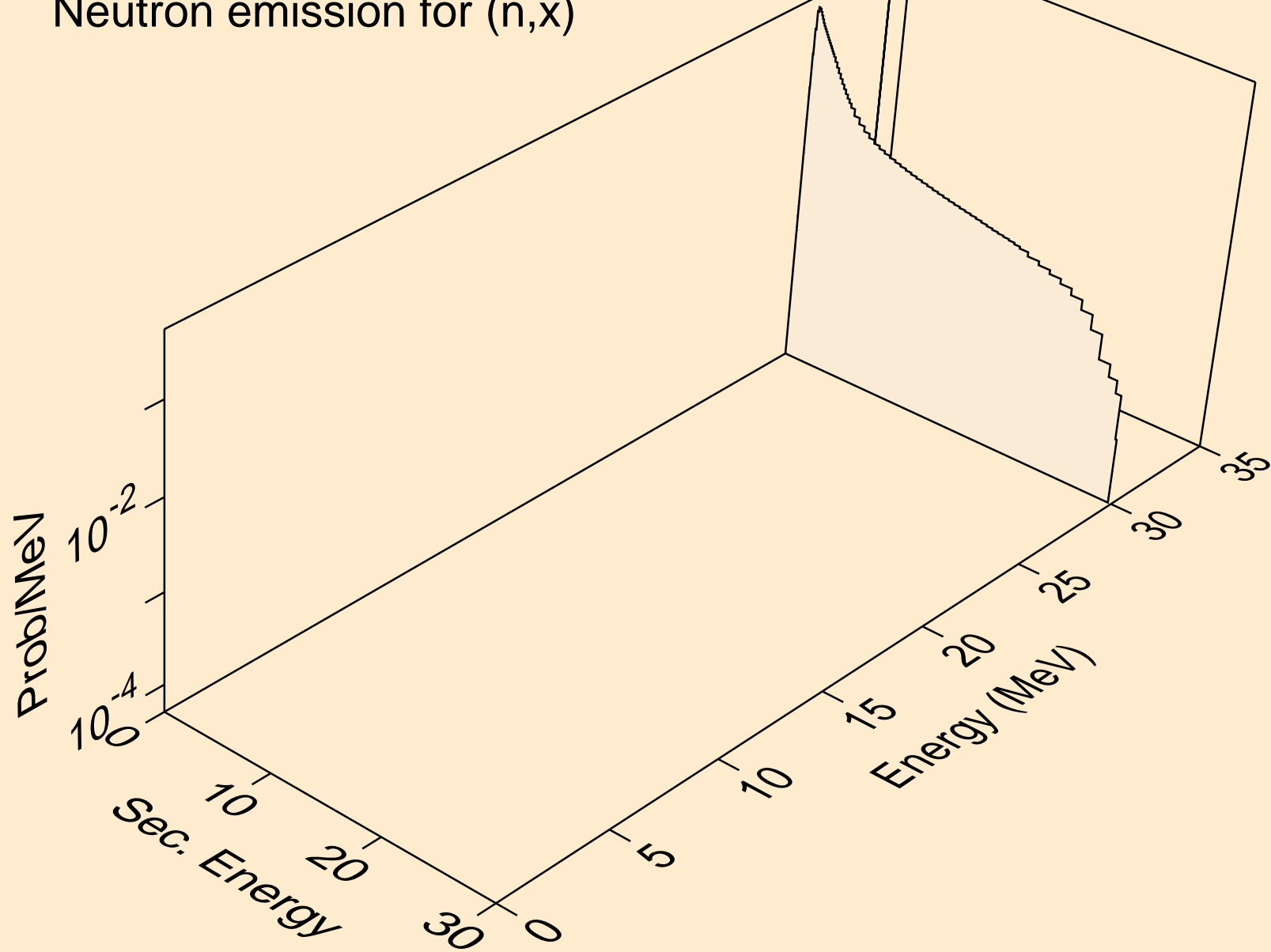
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



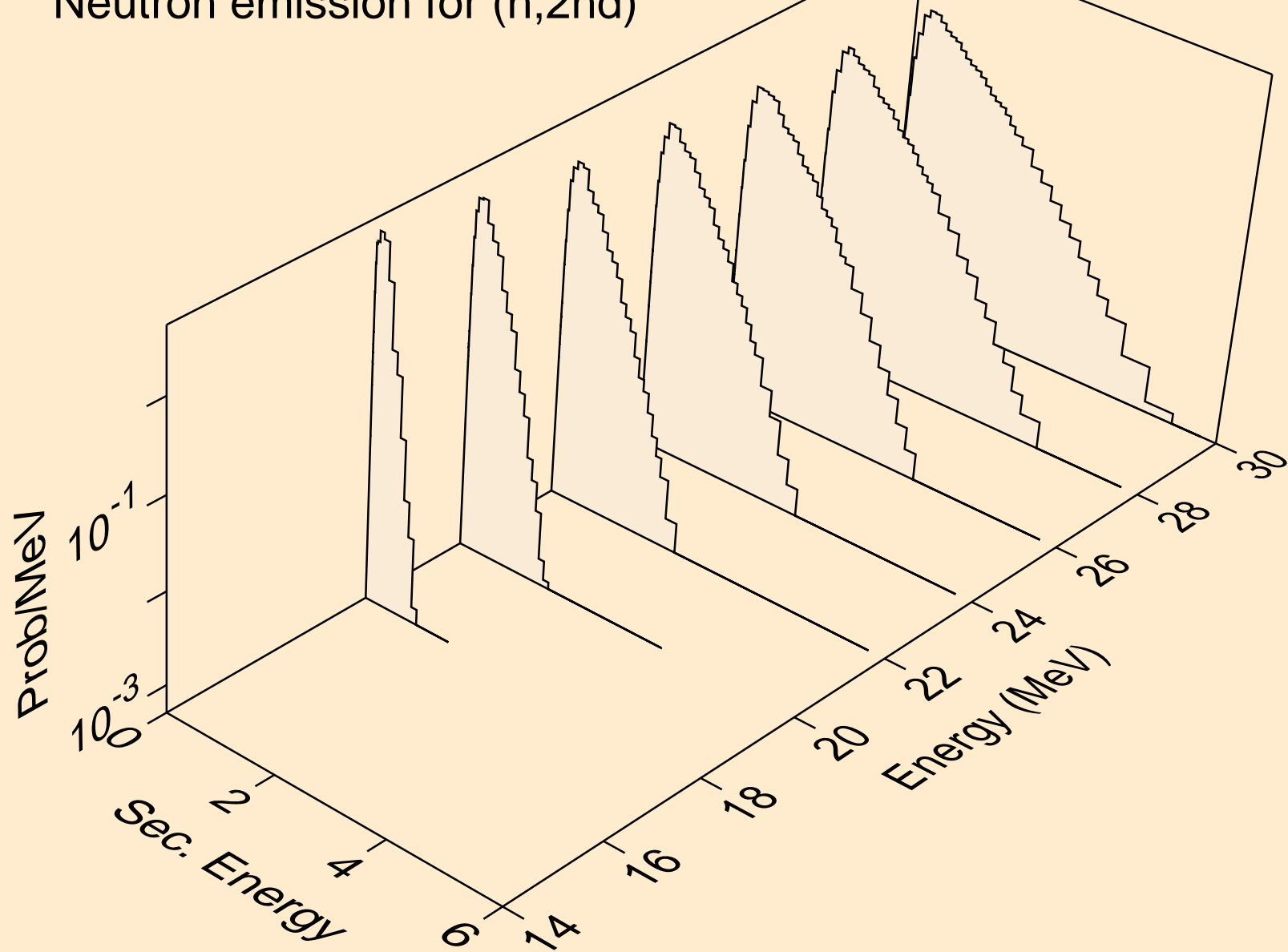
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



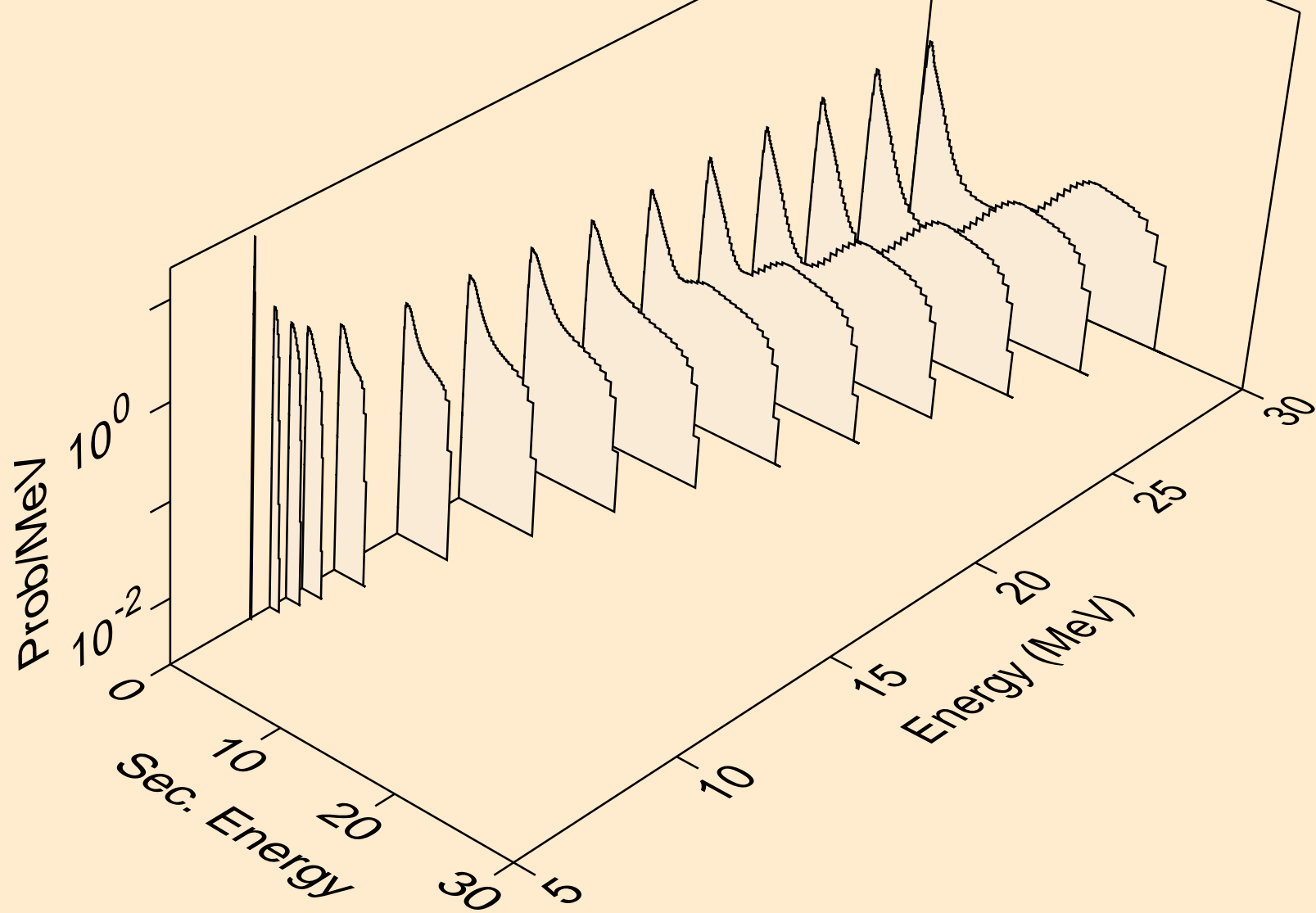
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

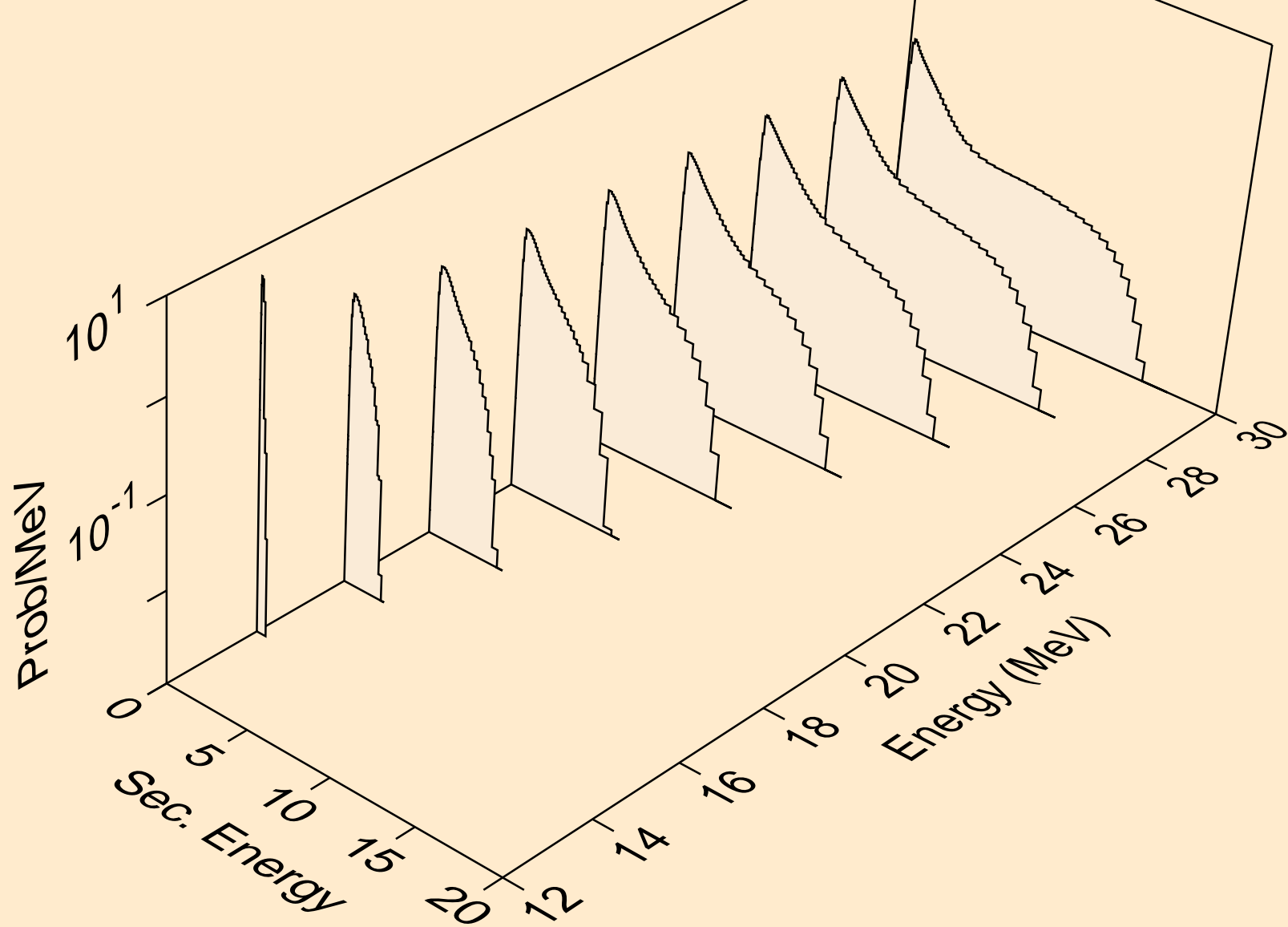


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

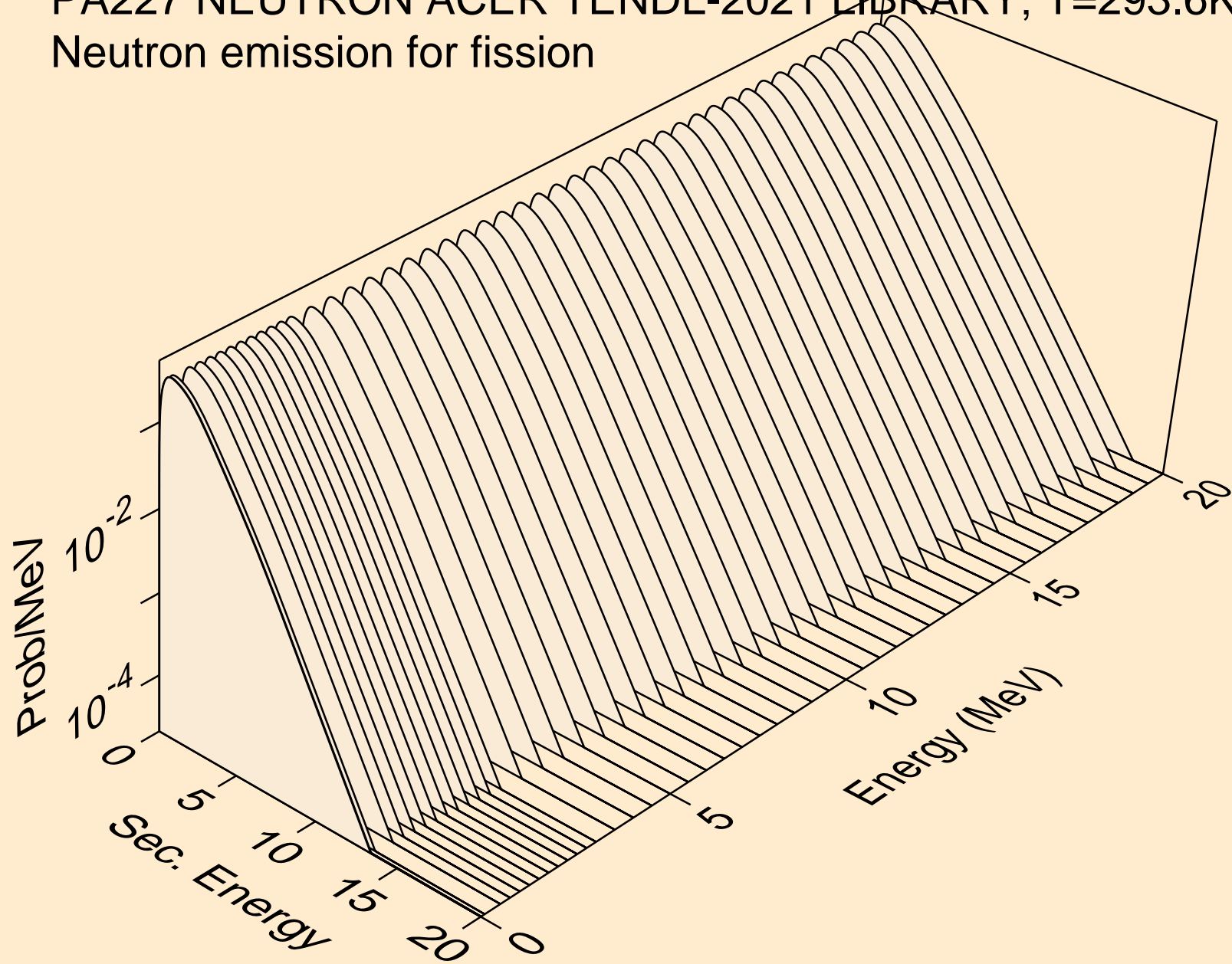




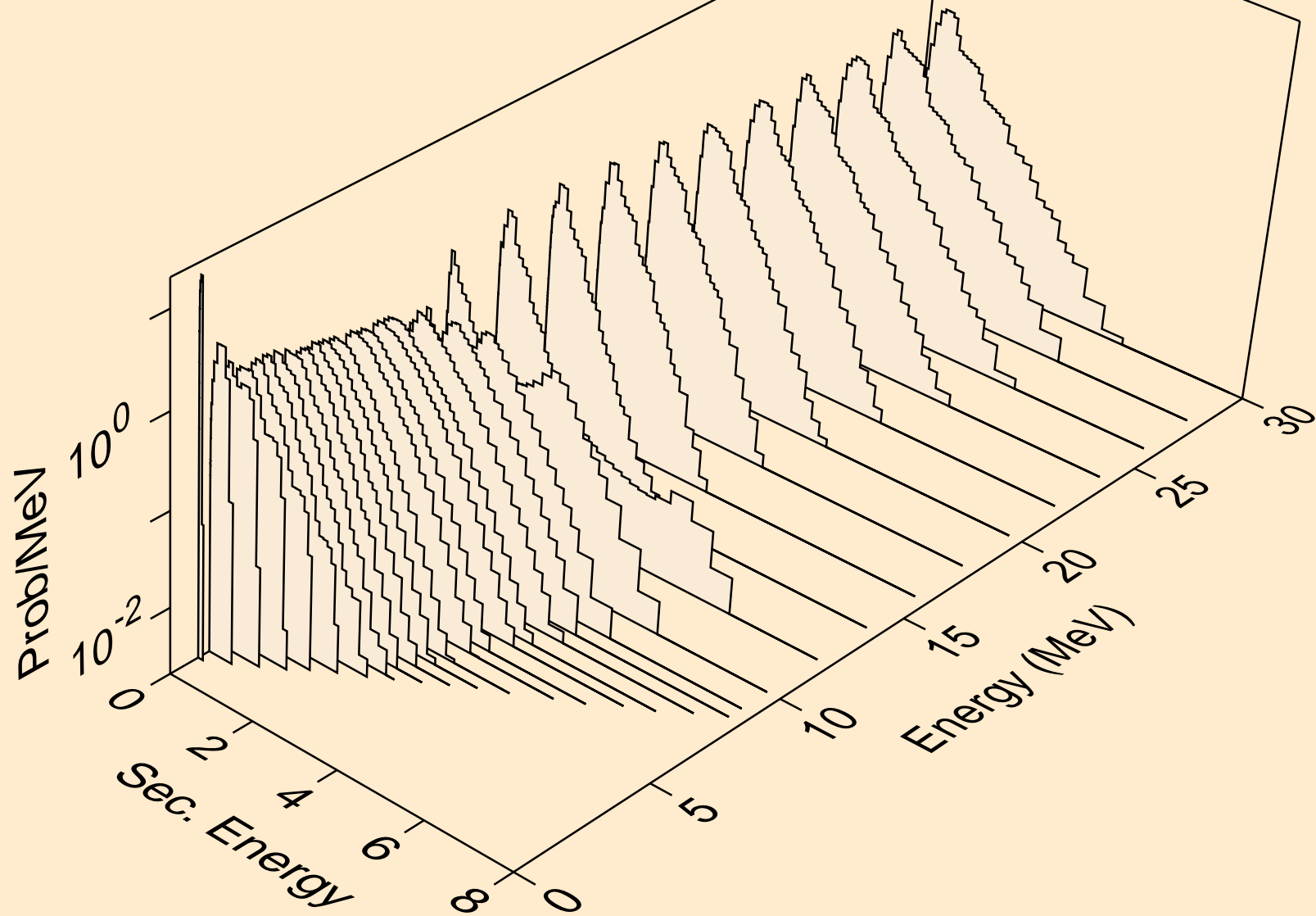
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



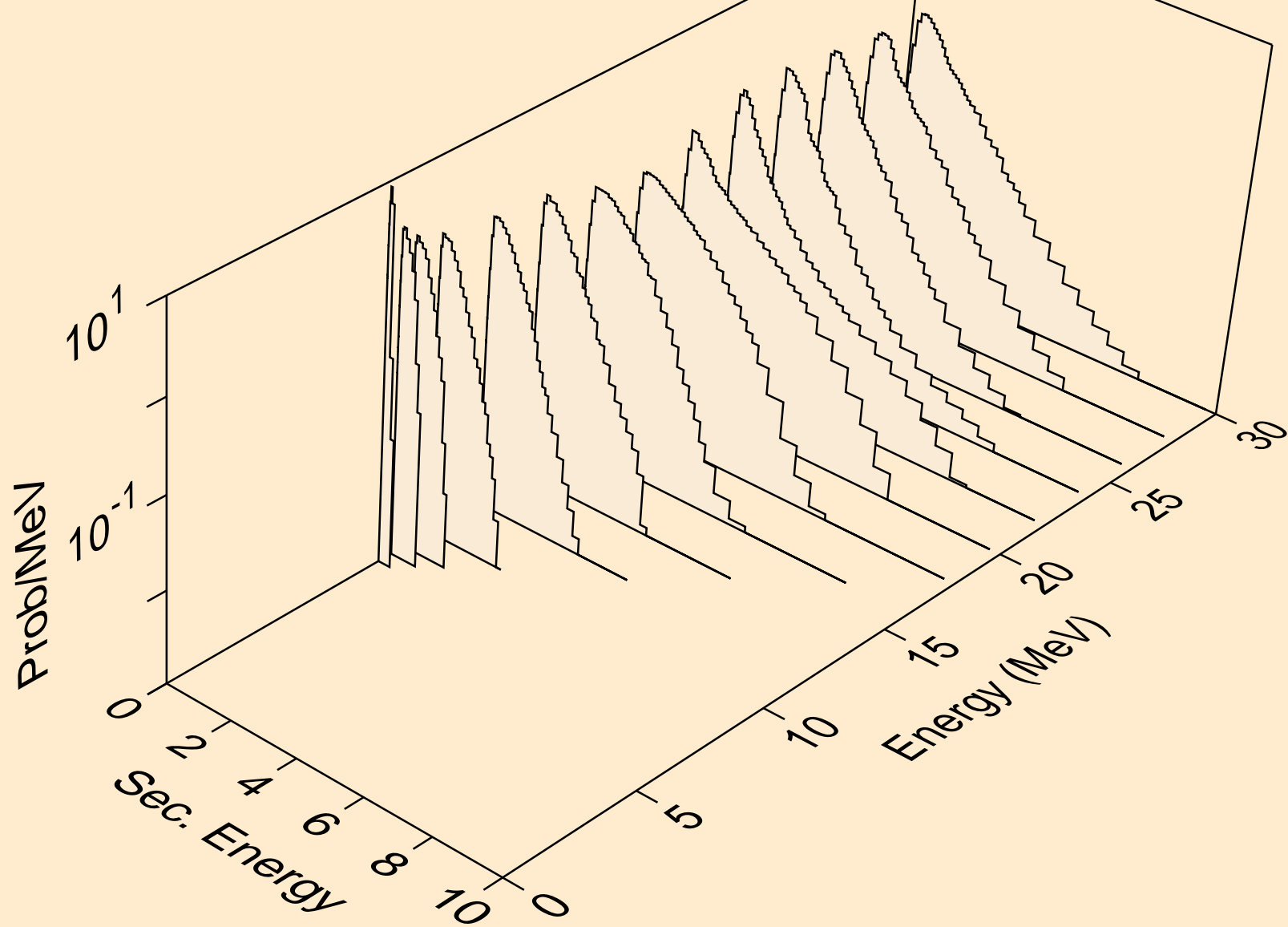
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



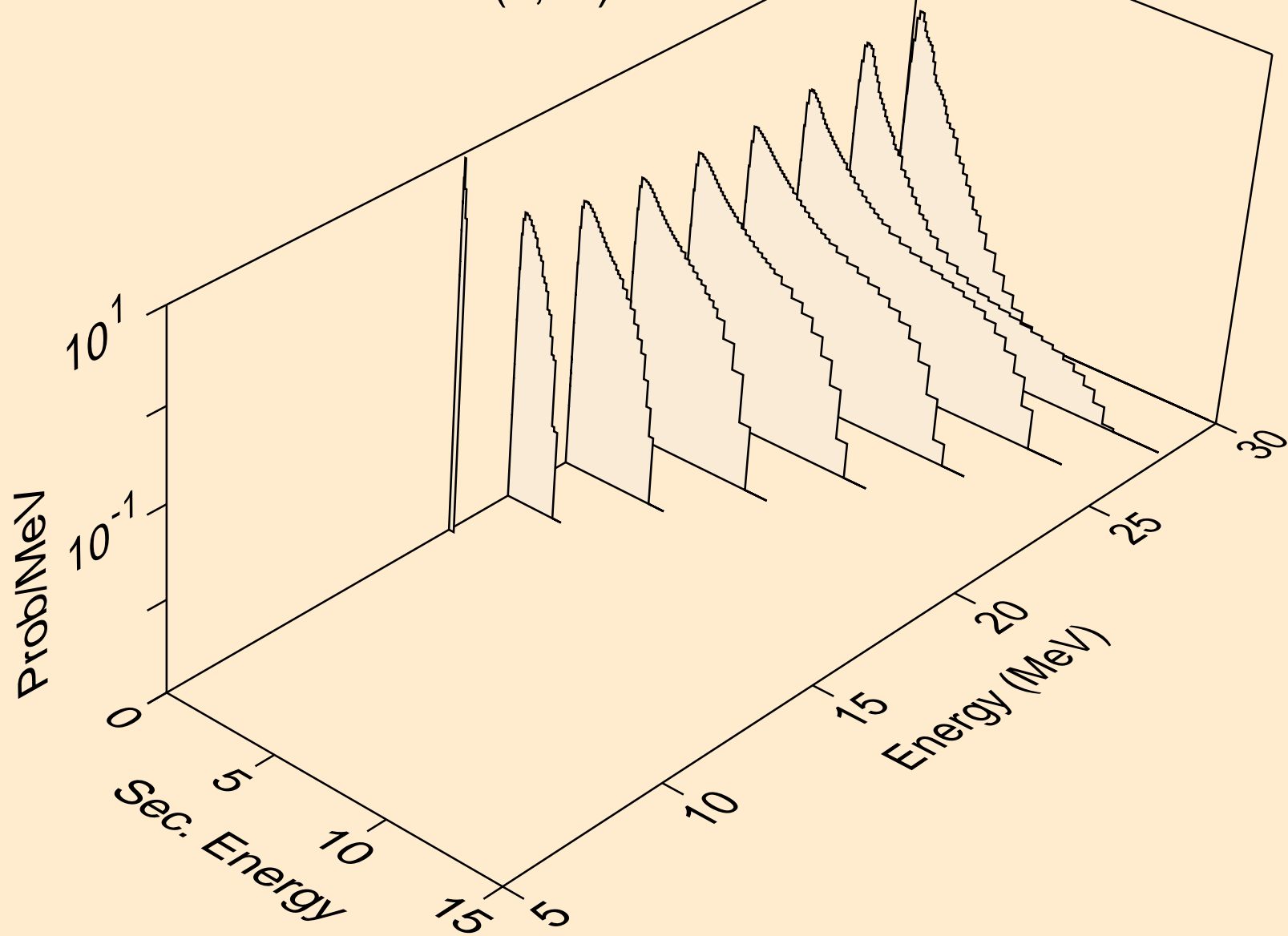
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



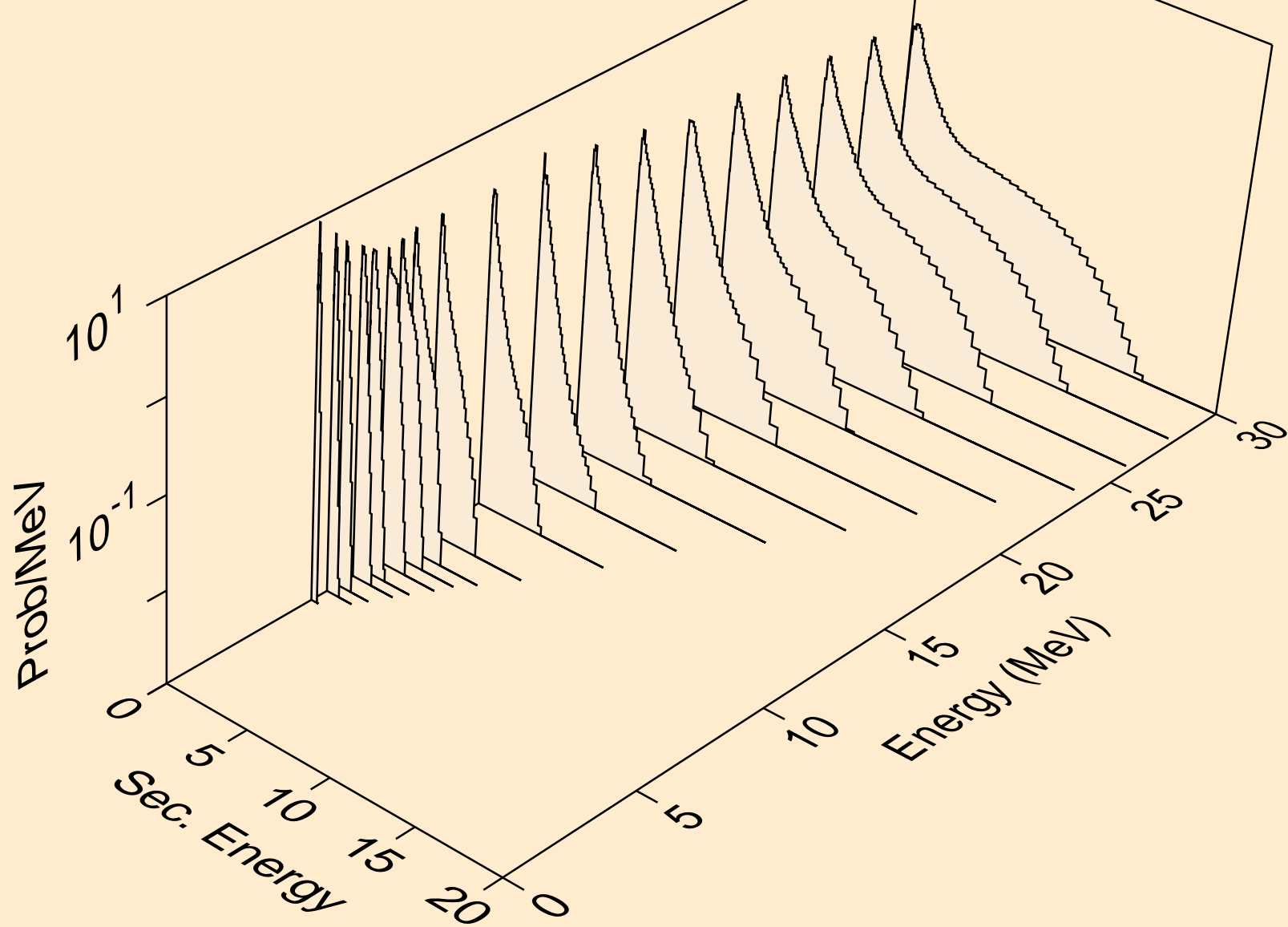
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



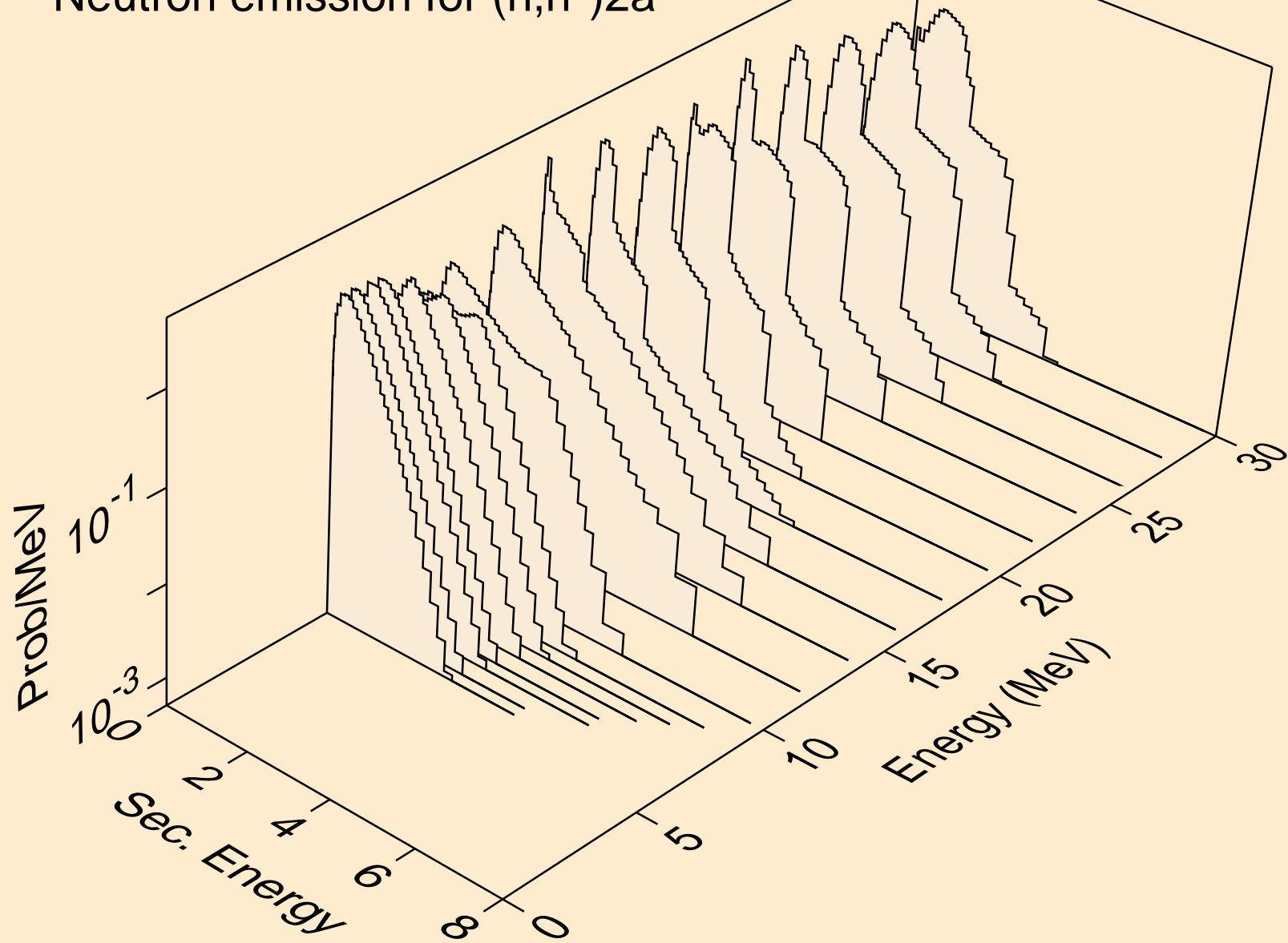
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



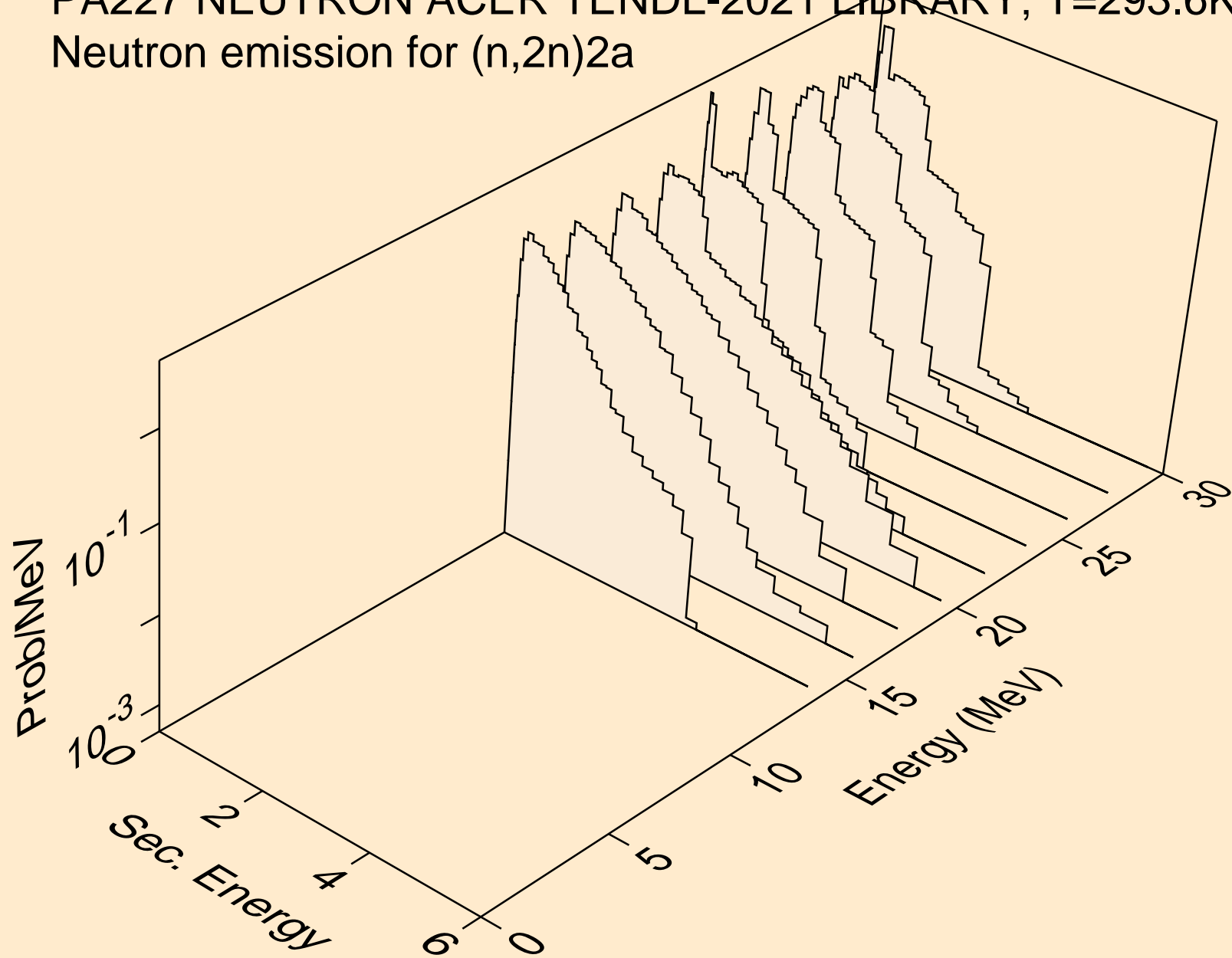
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

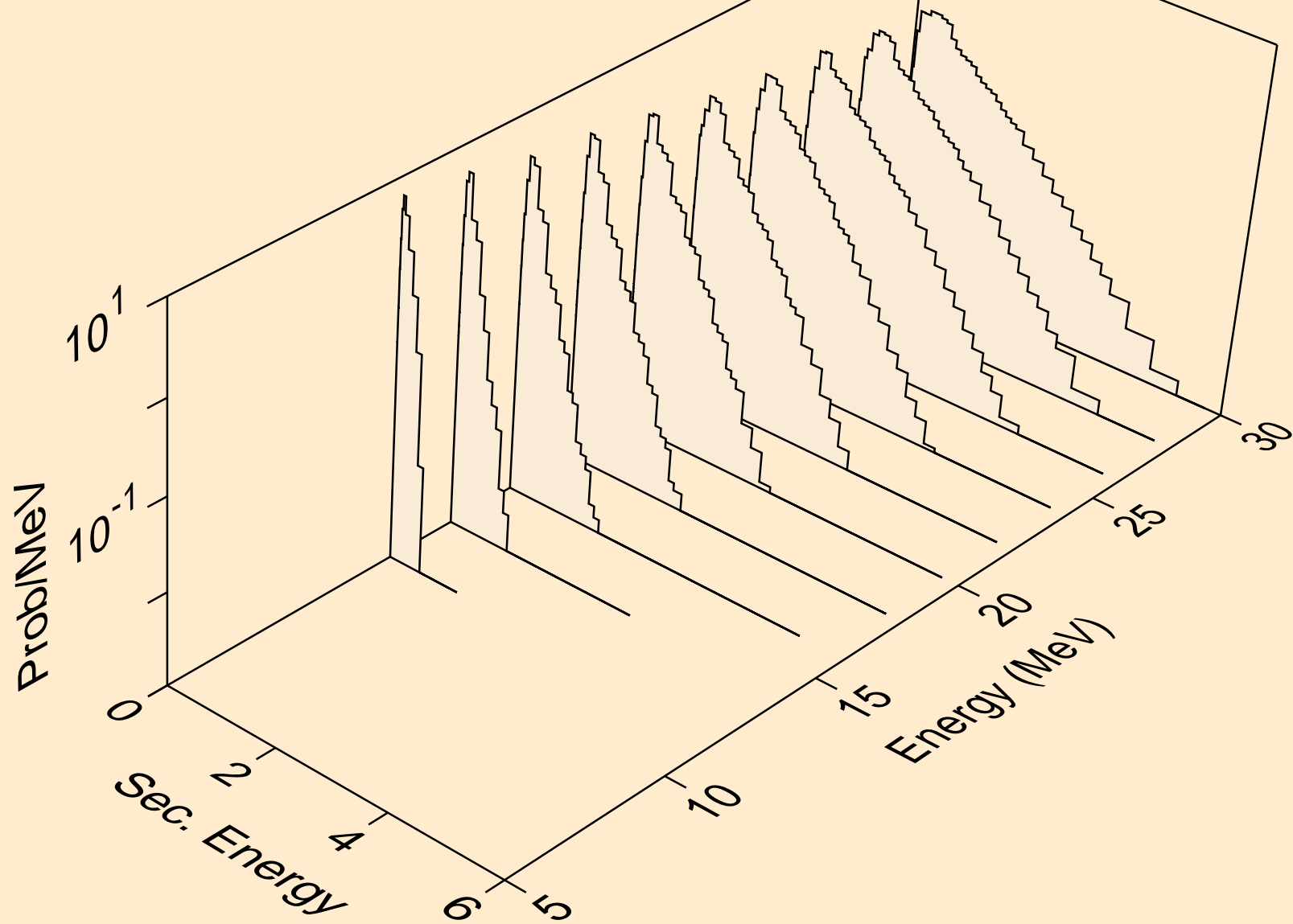


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

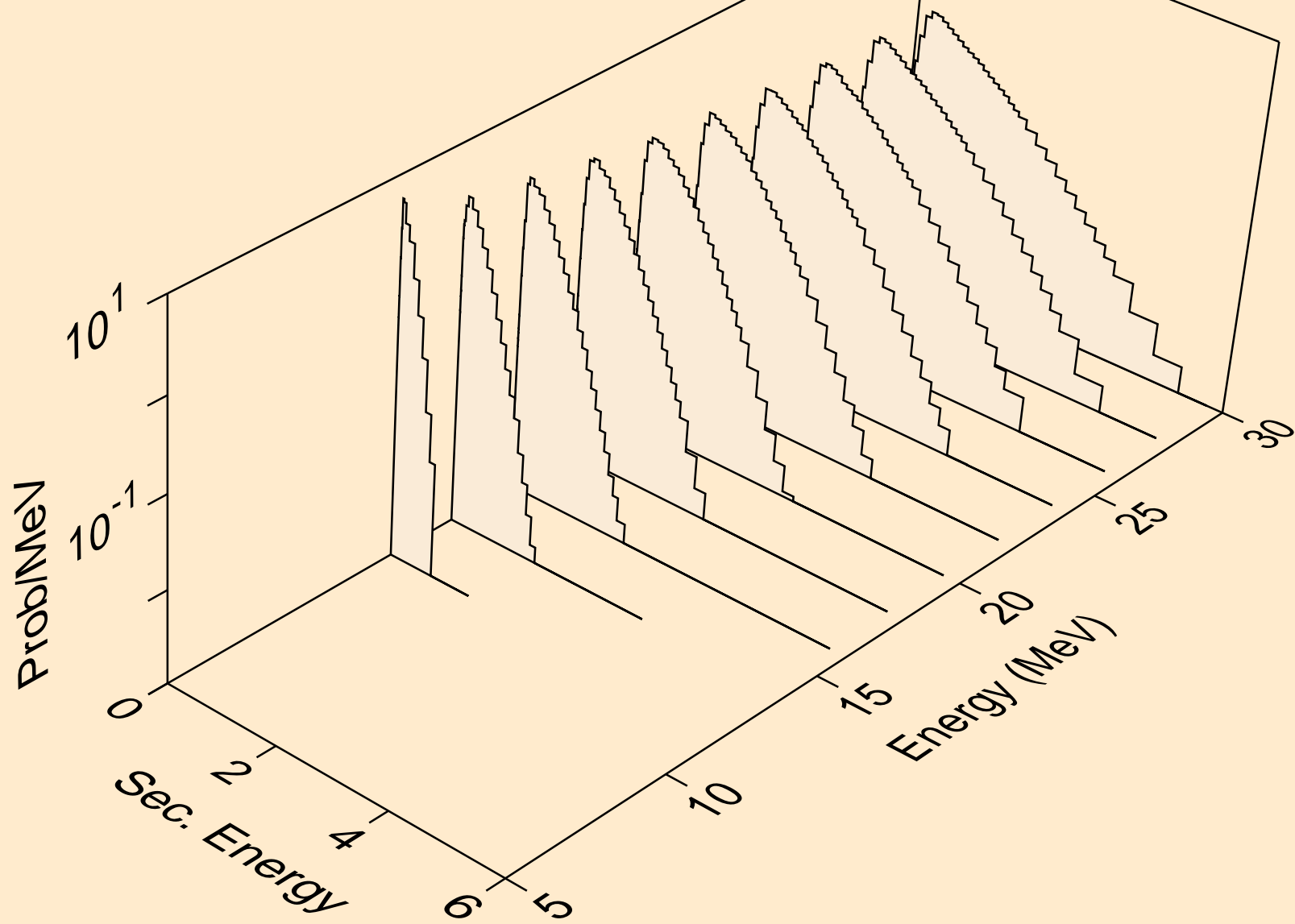




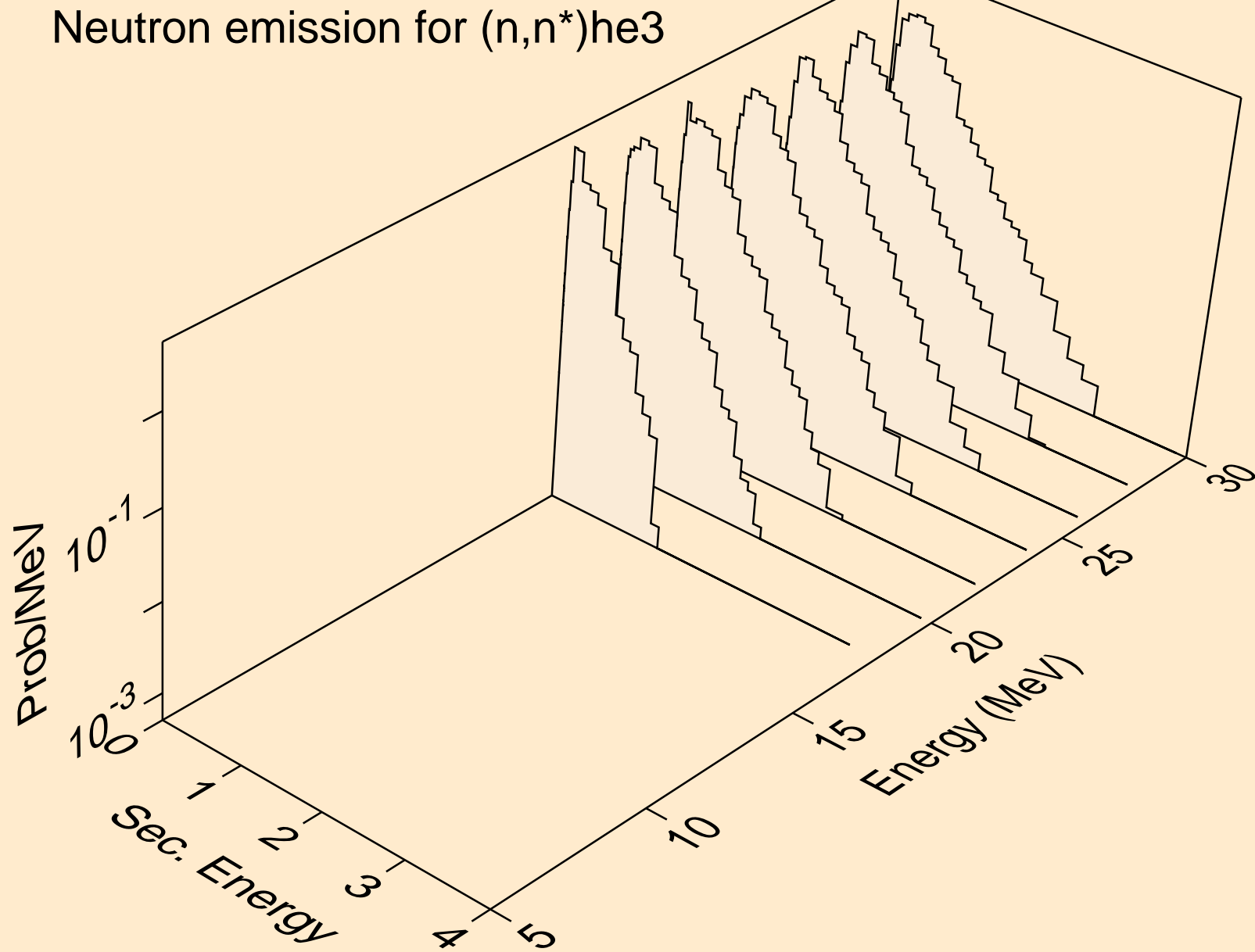
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



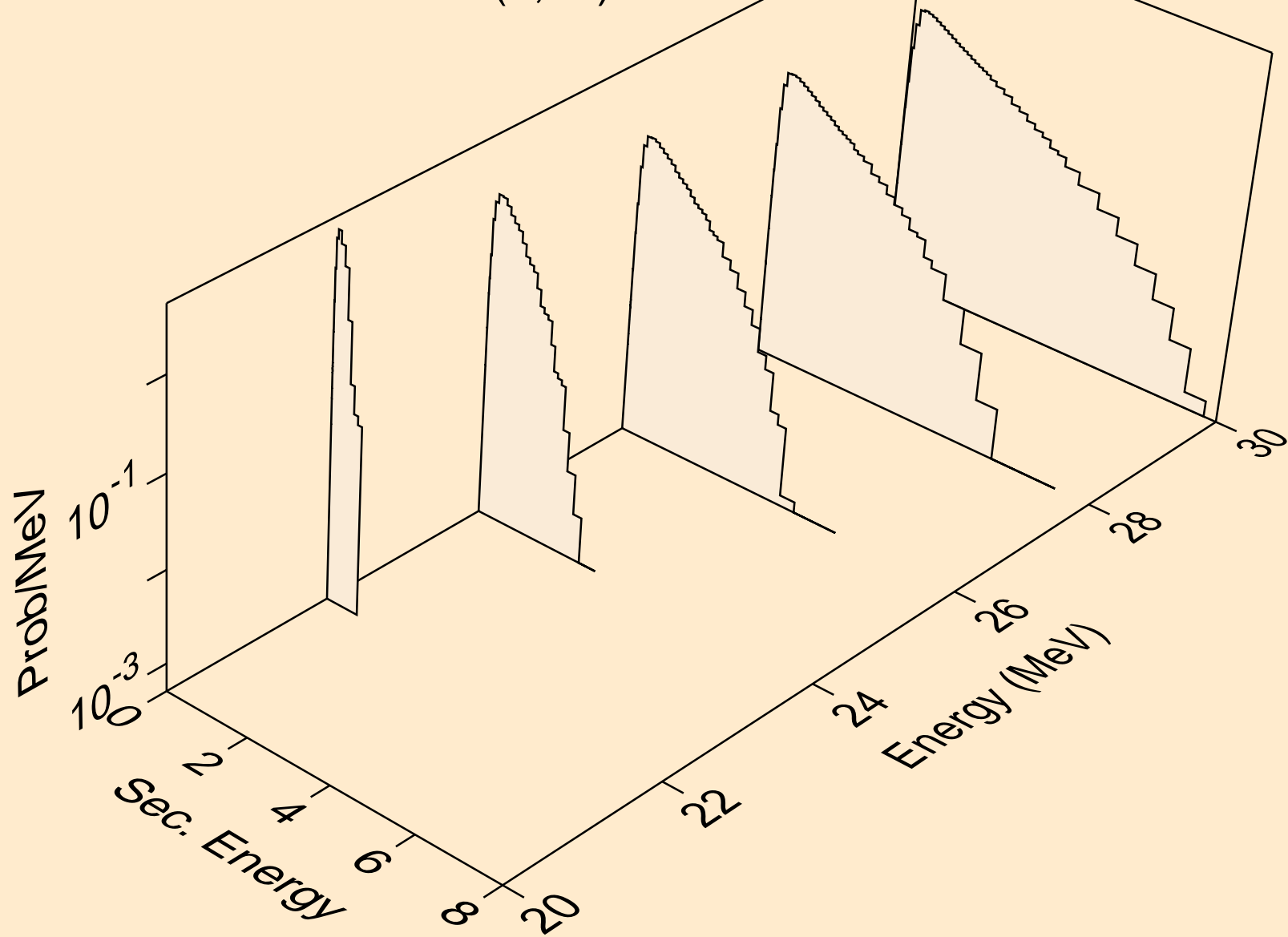
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



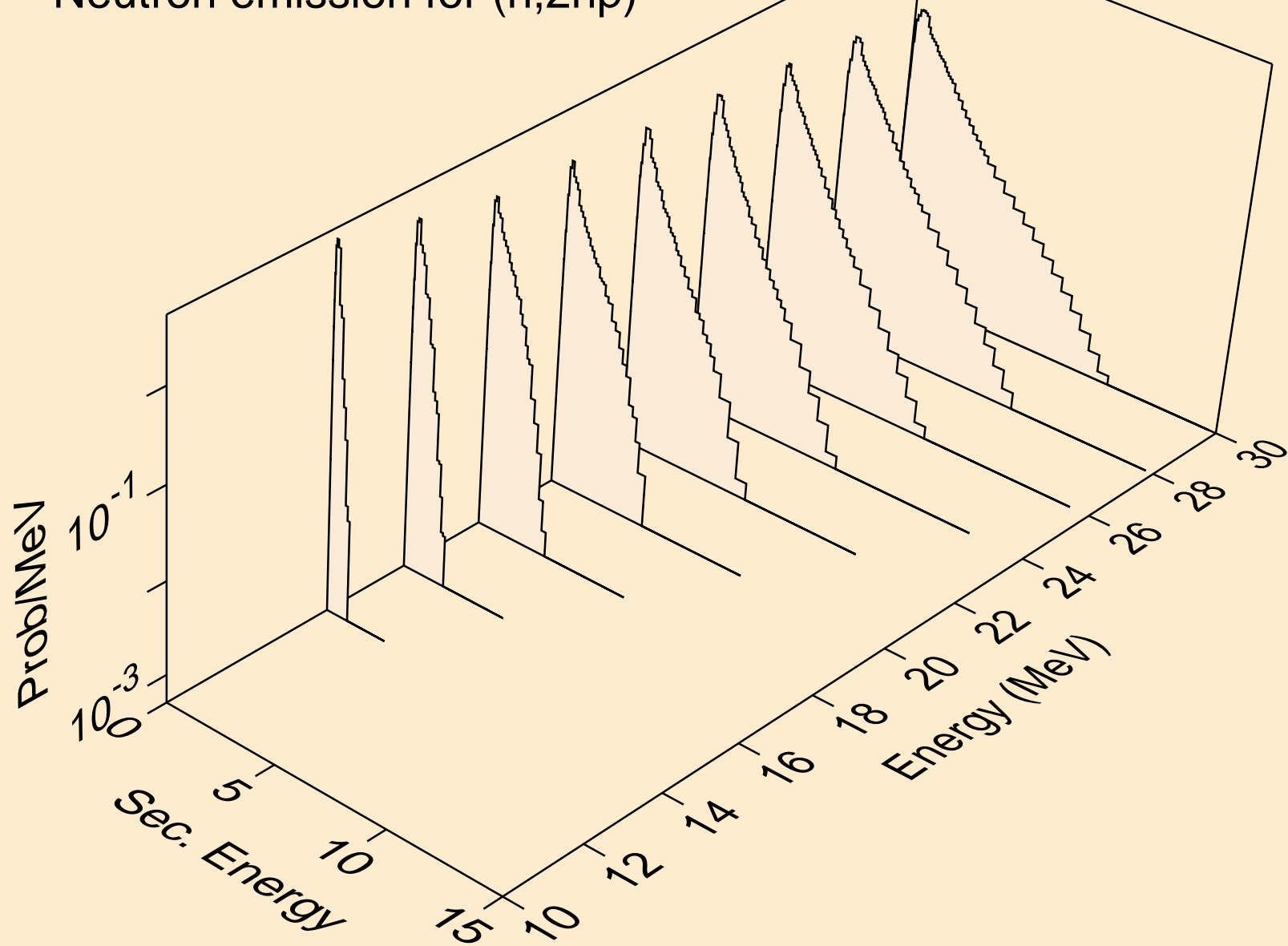
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



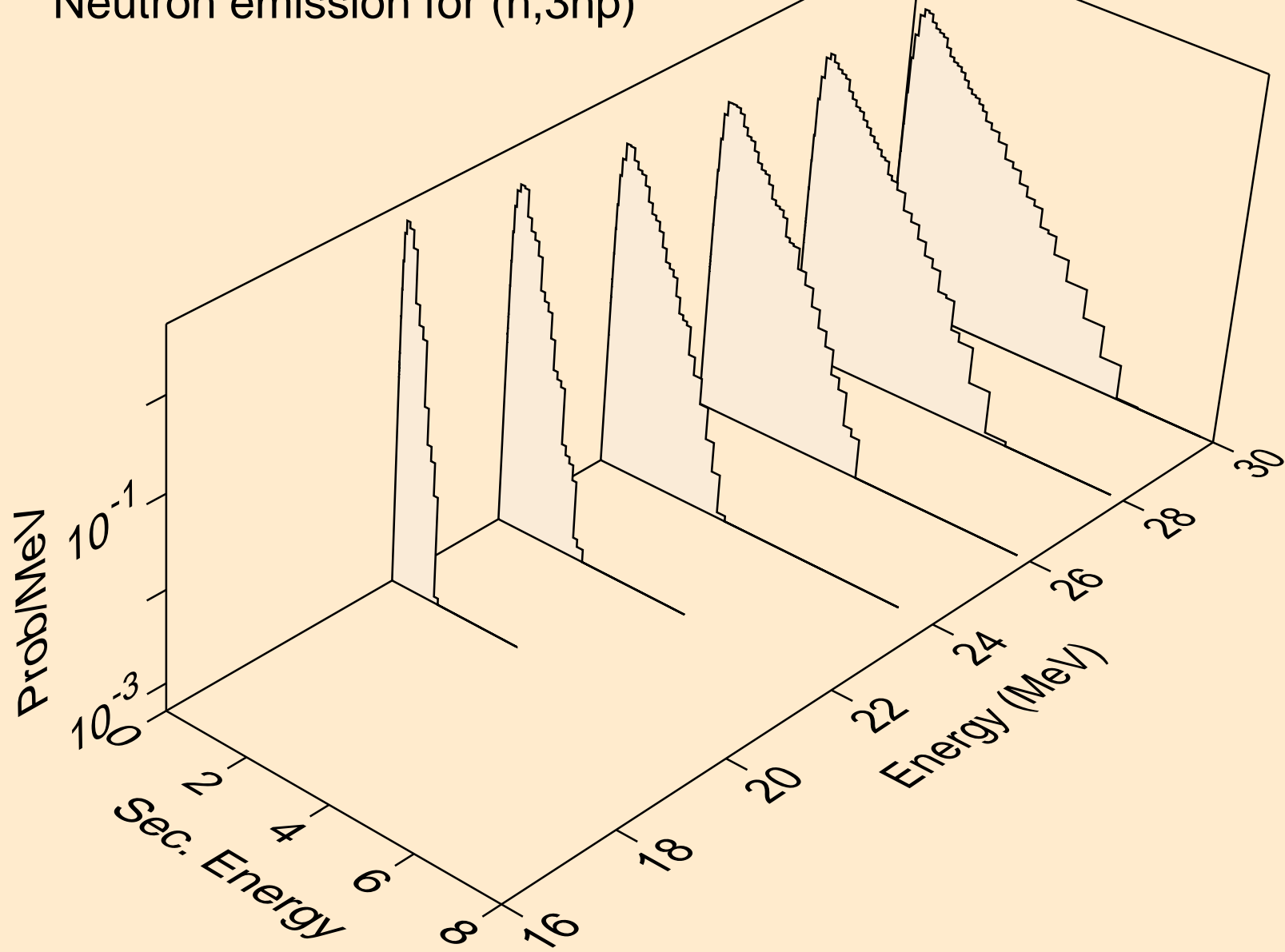
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



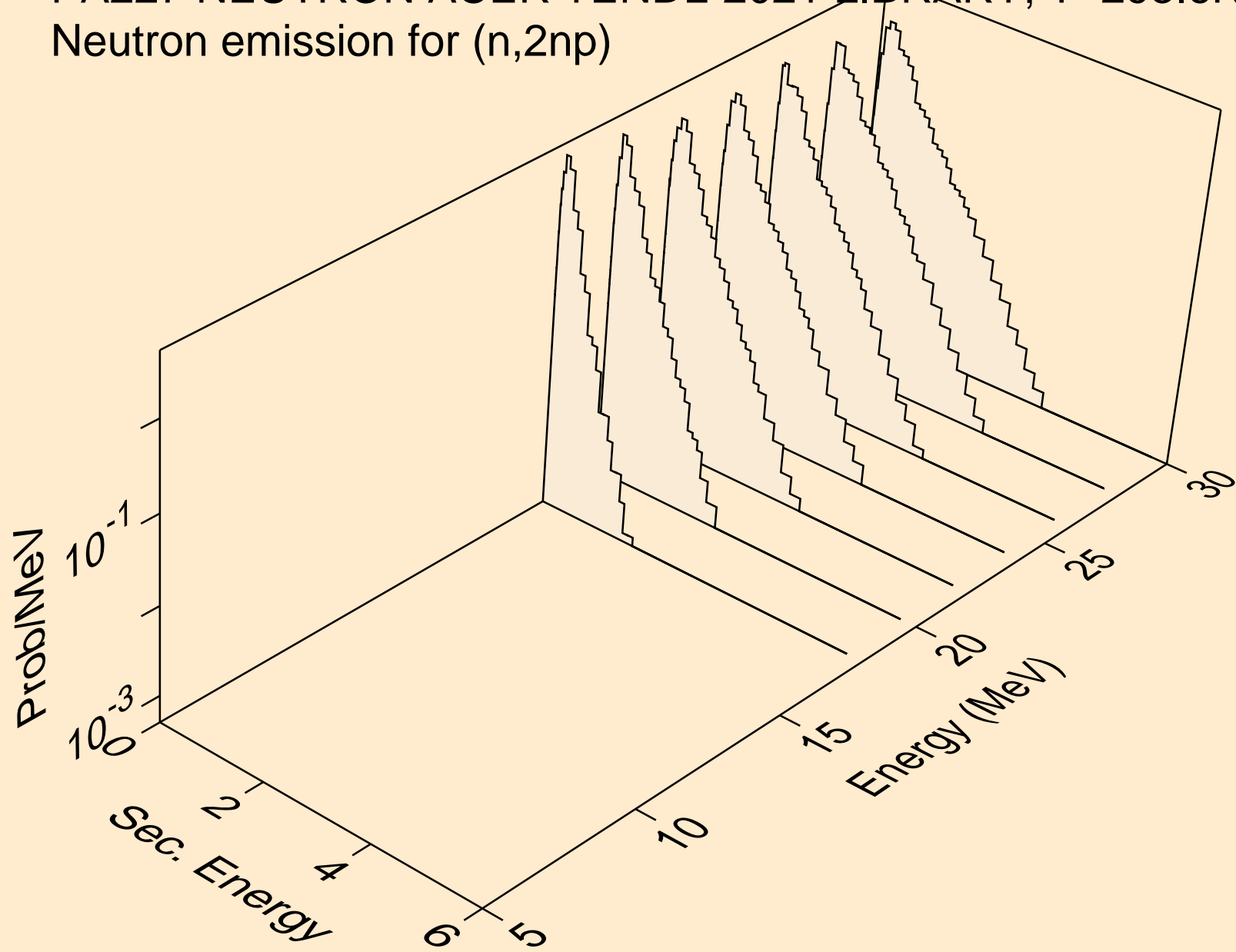
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



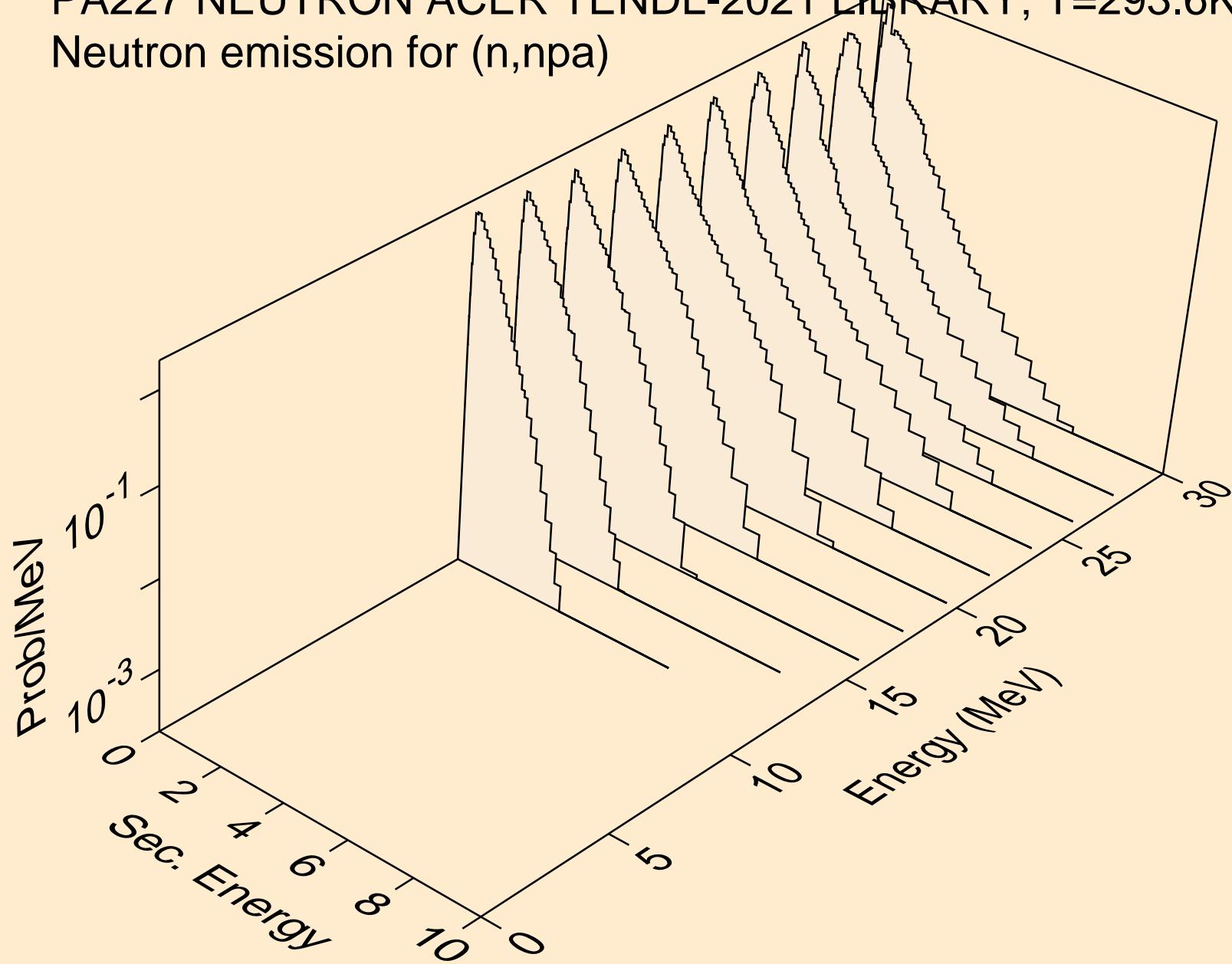
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

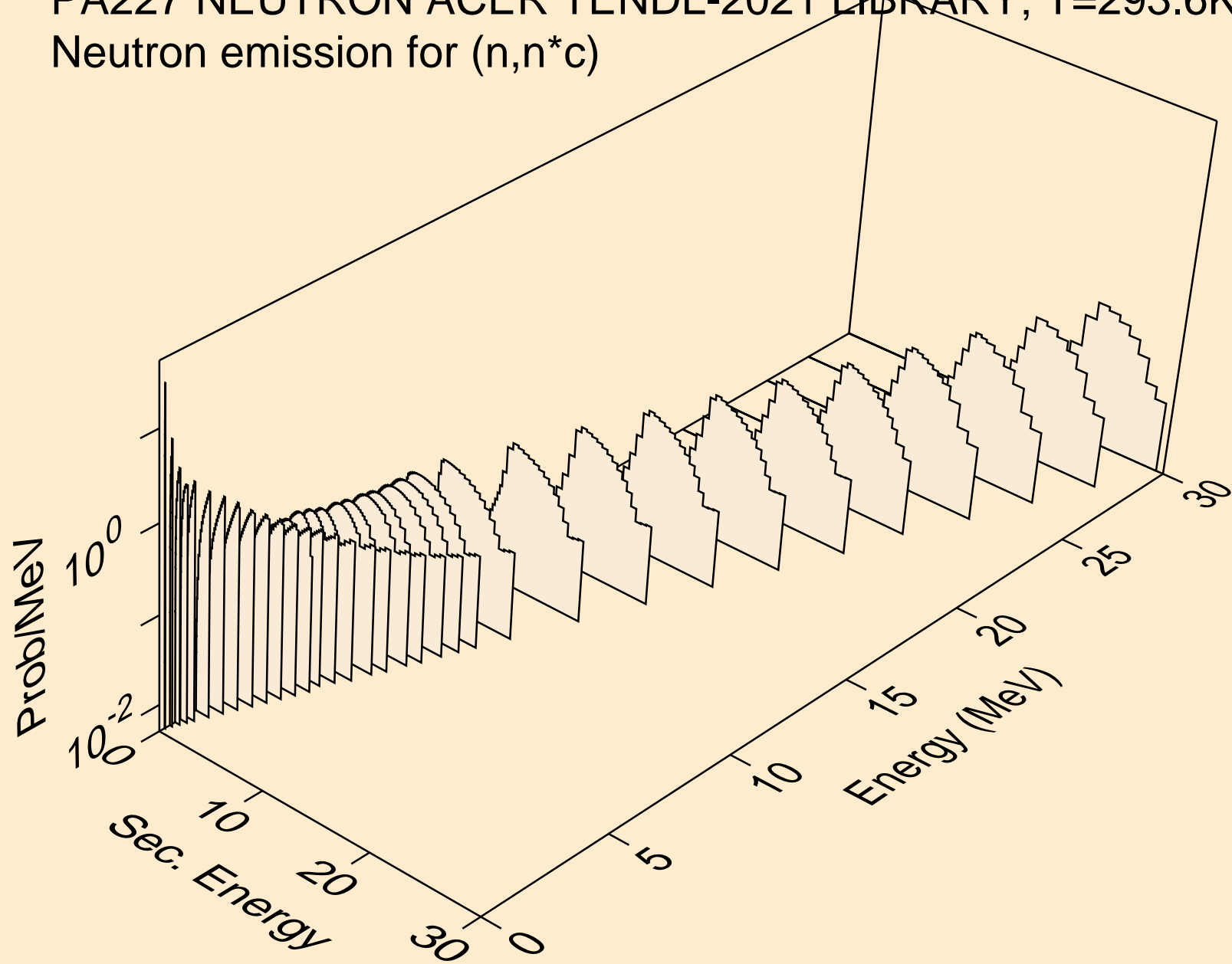


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



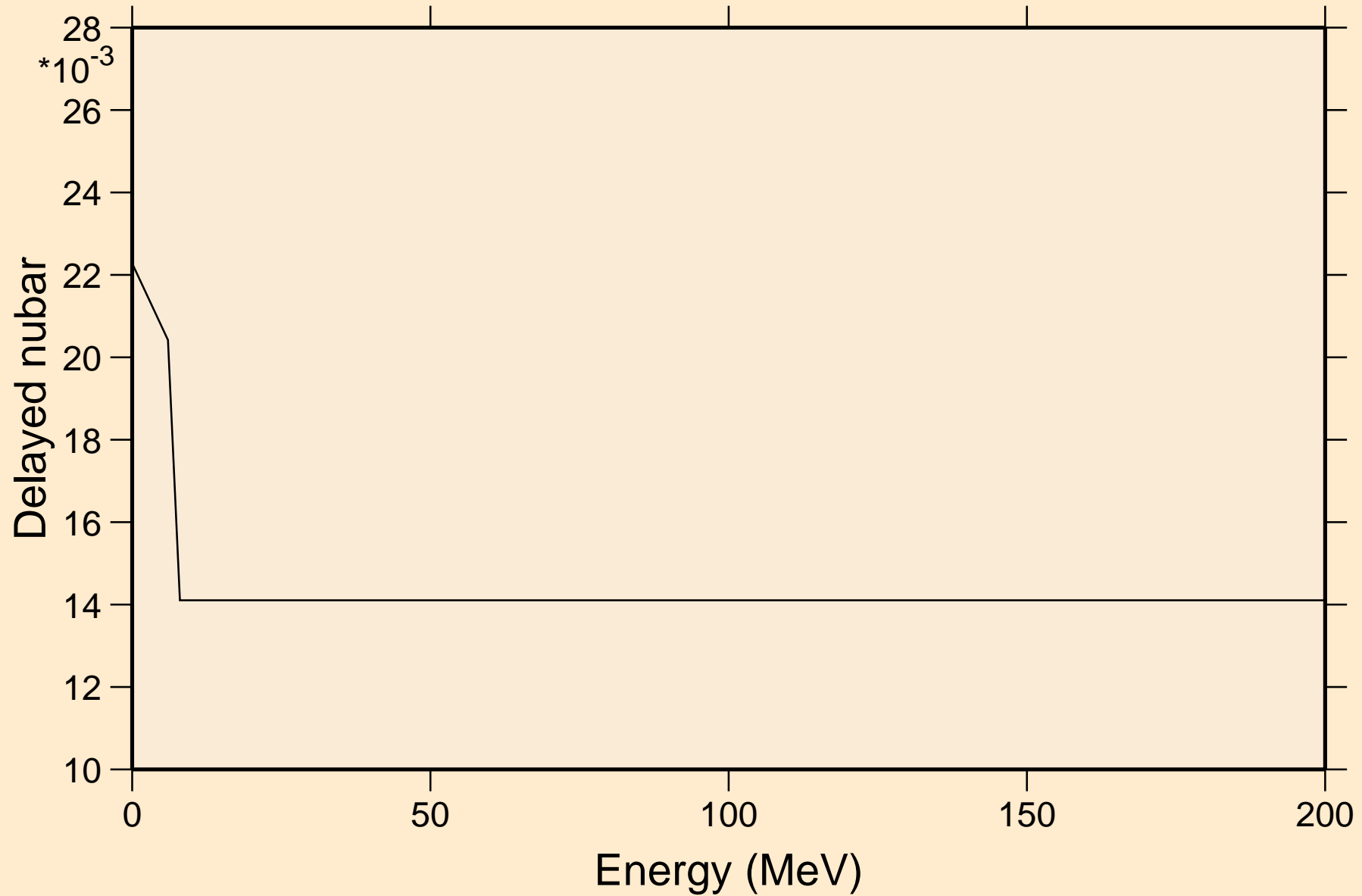


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



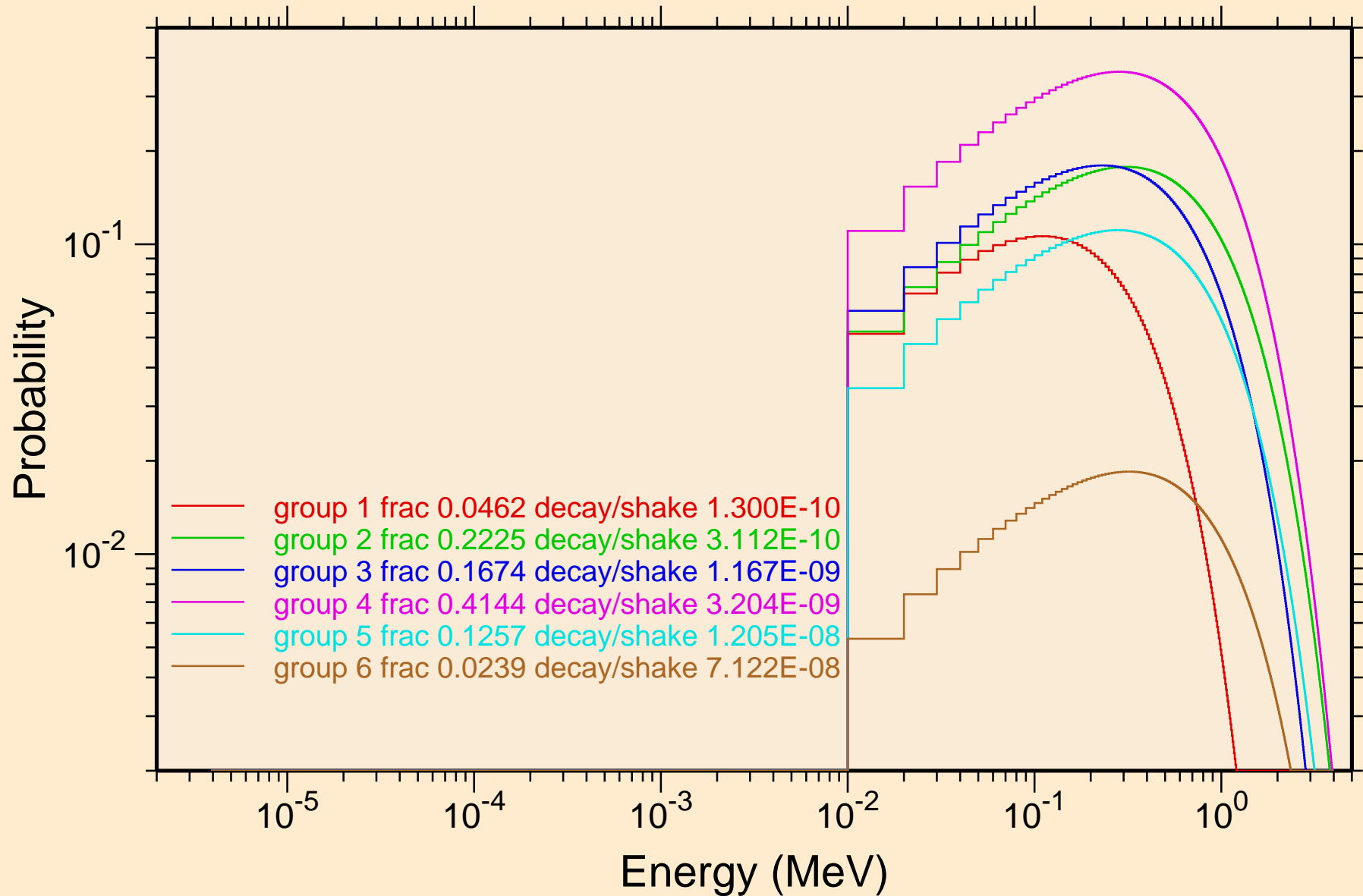
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Delayed nubar

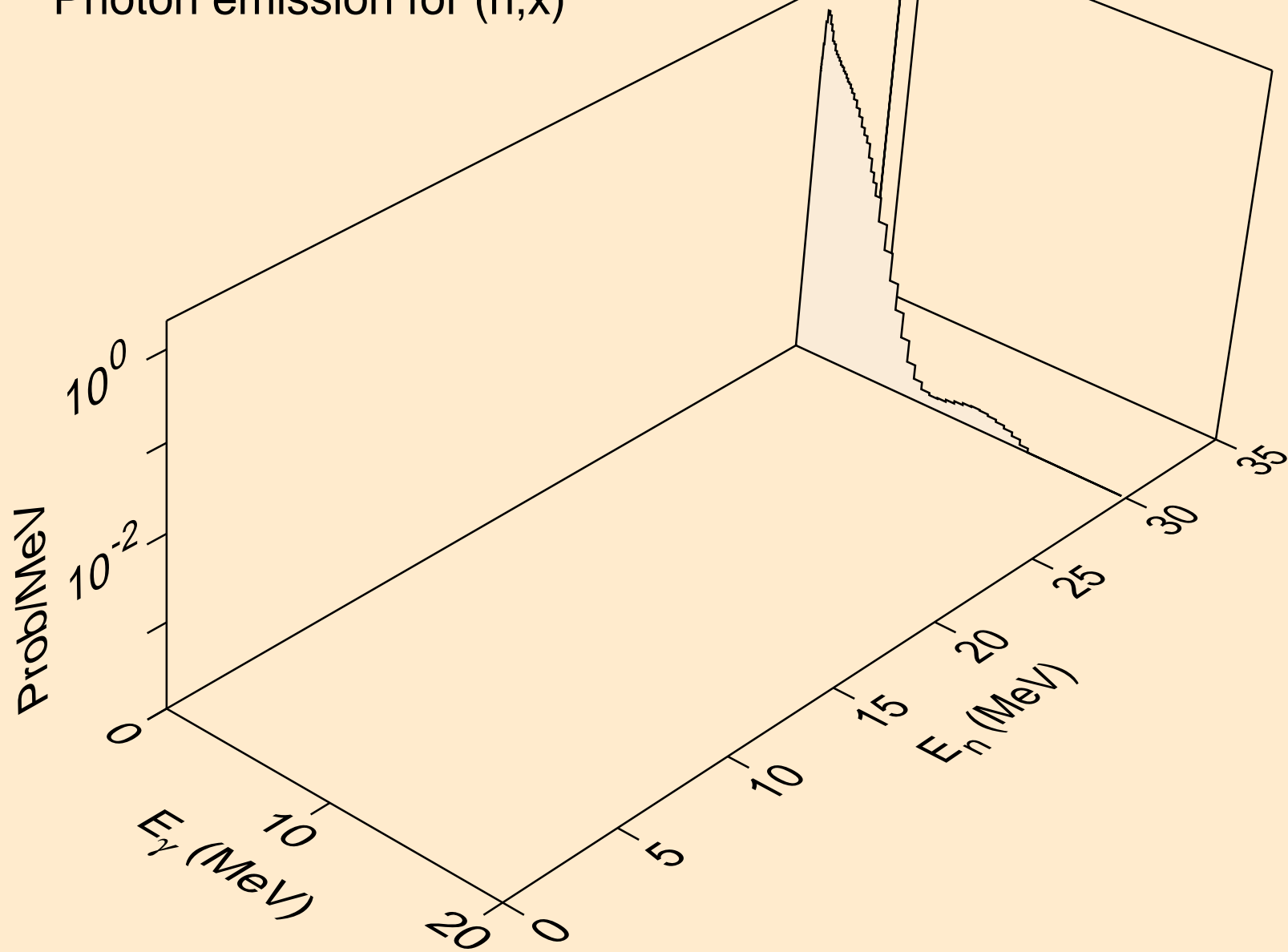


# PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

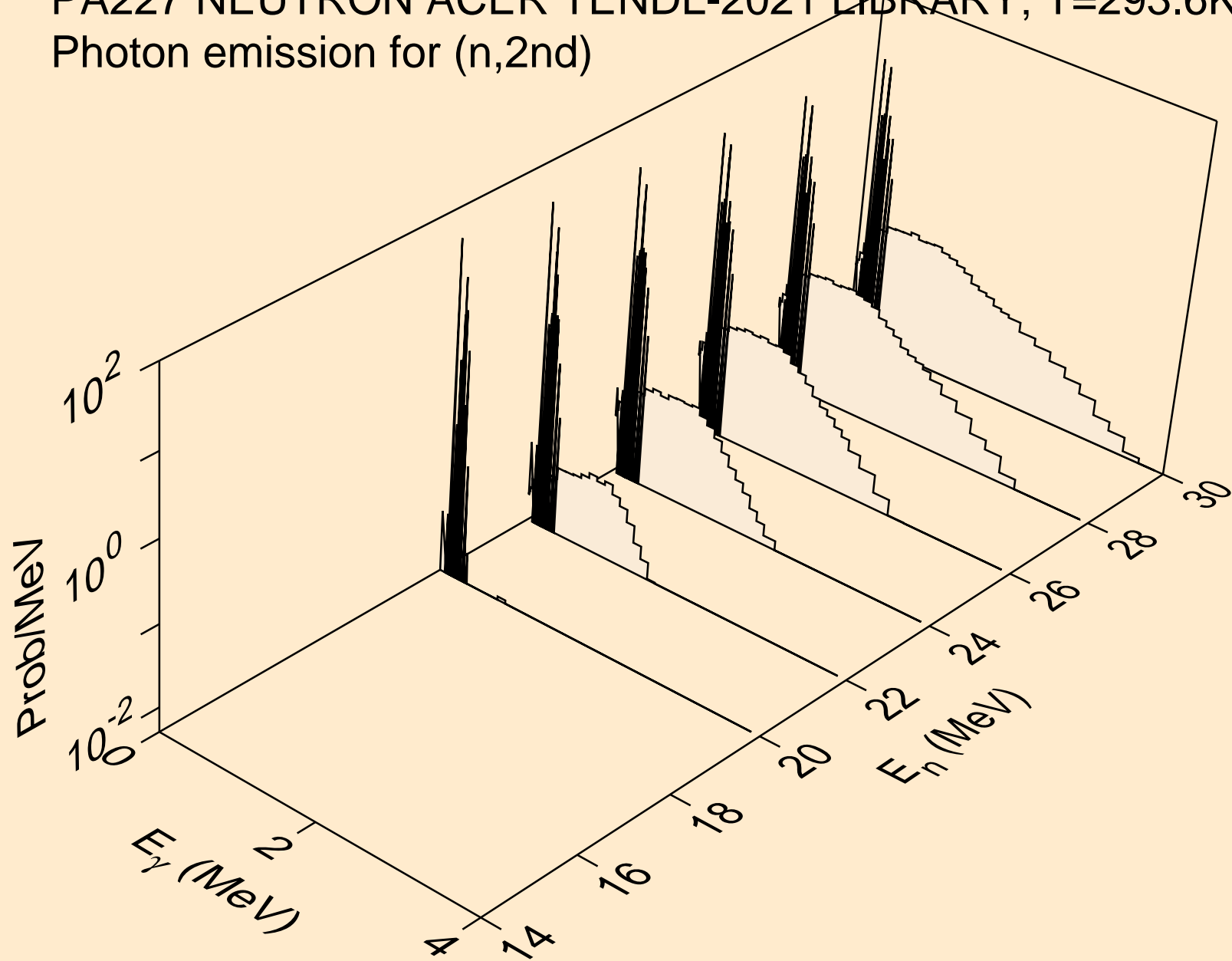
## Delayed neutron spectra



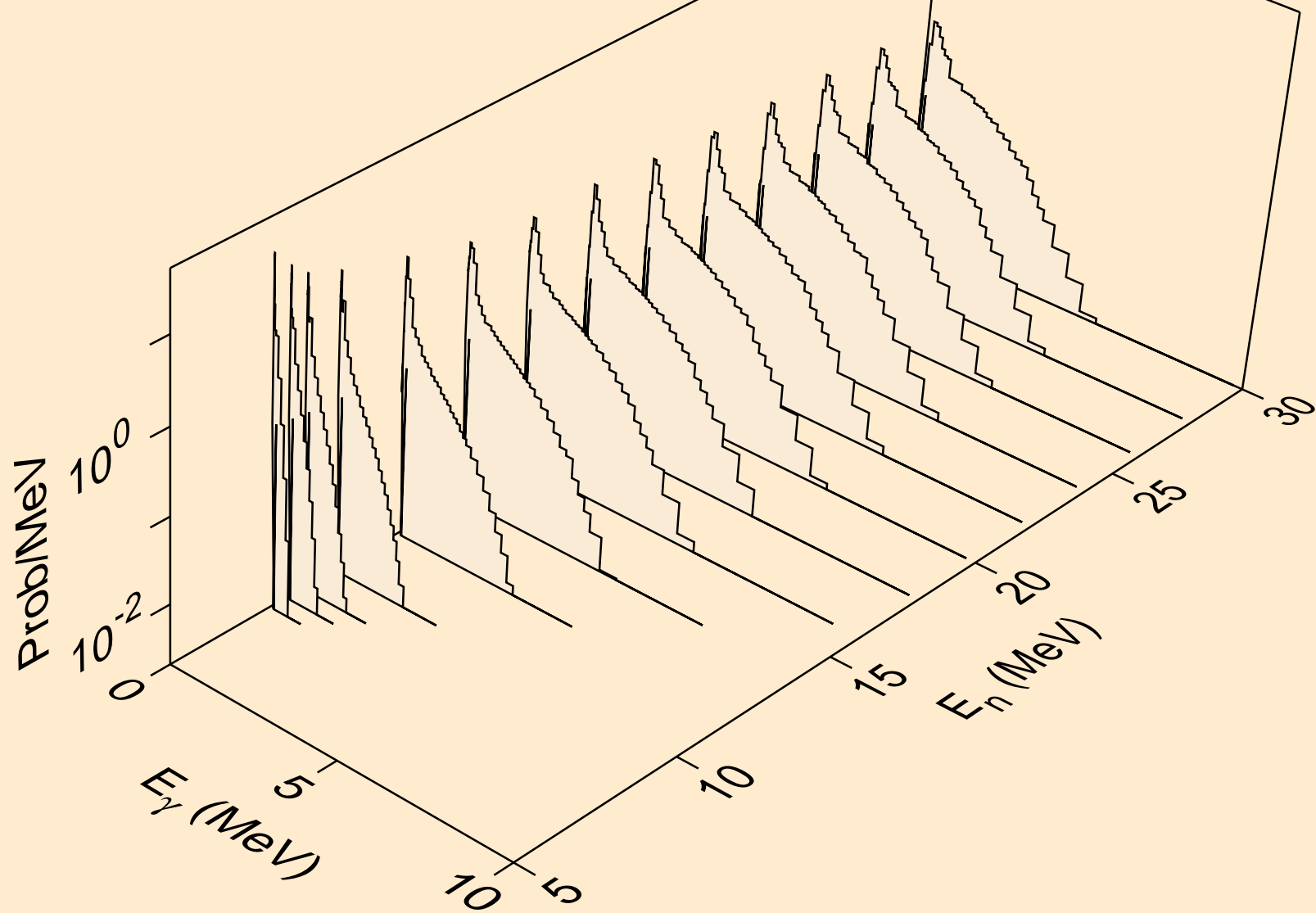
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



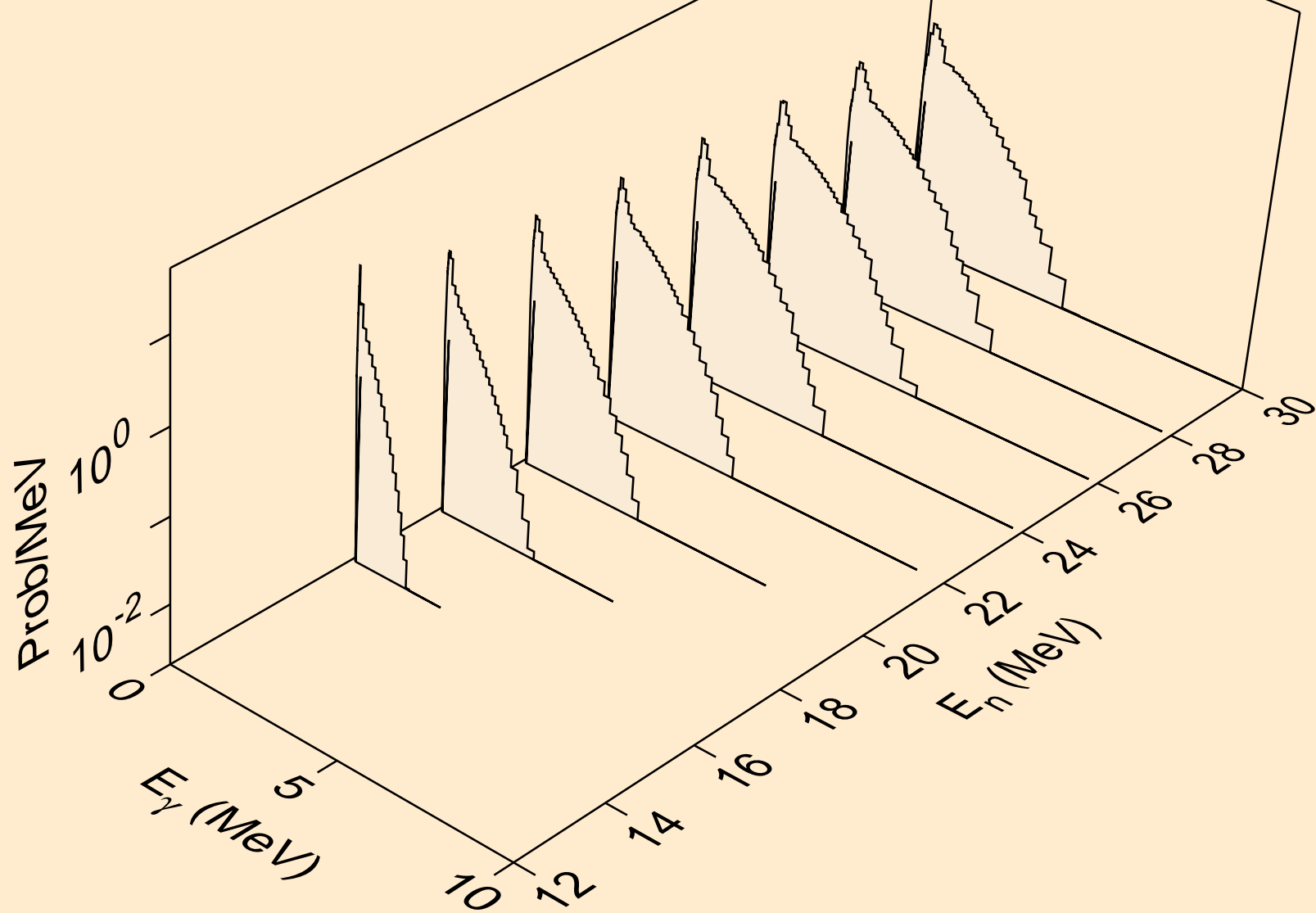
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



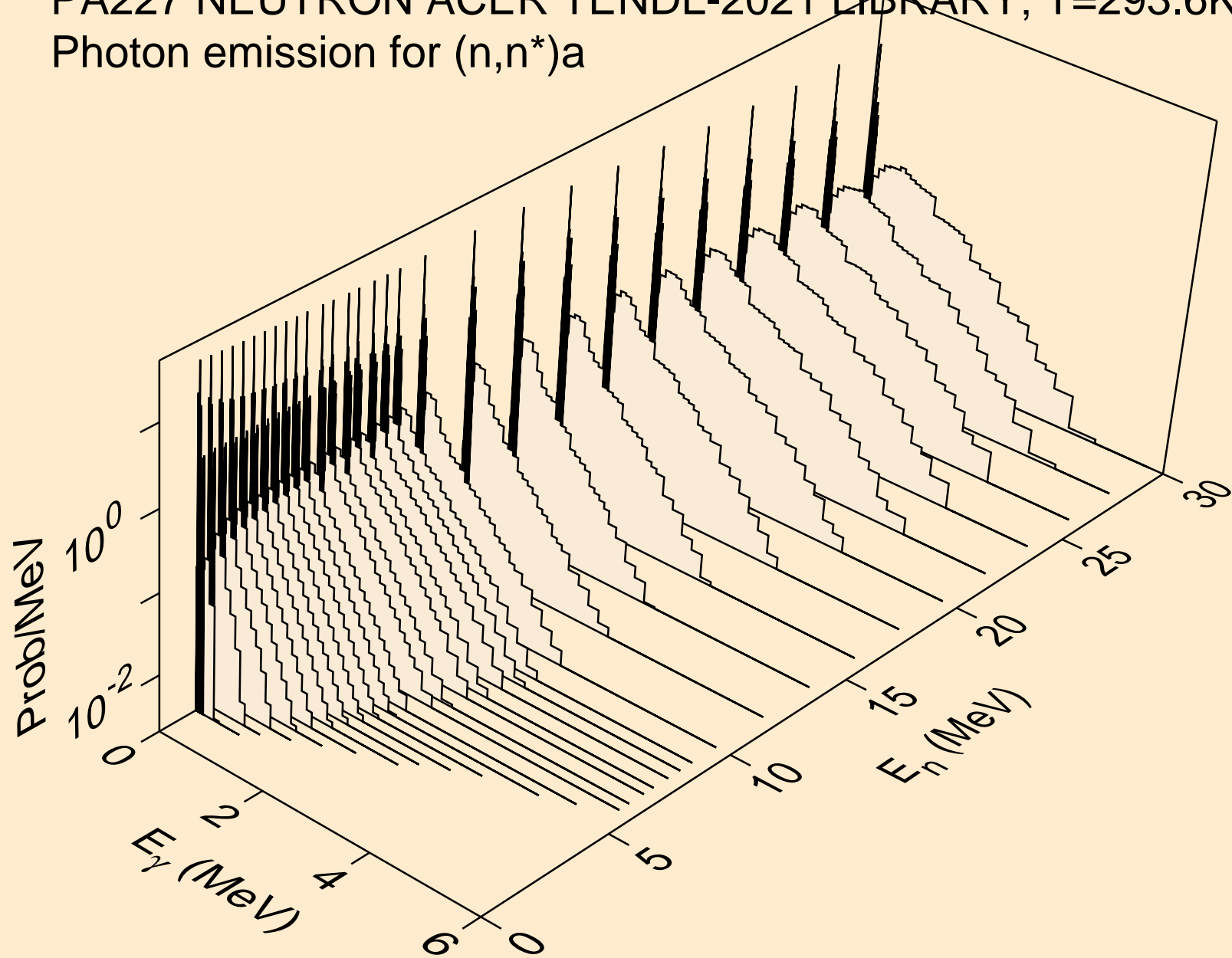
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

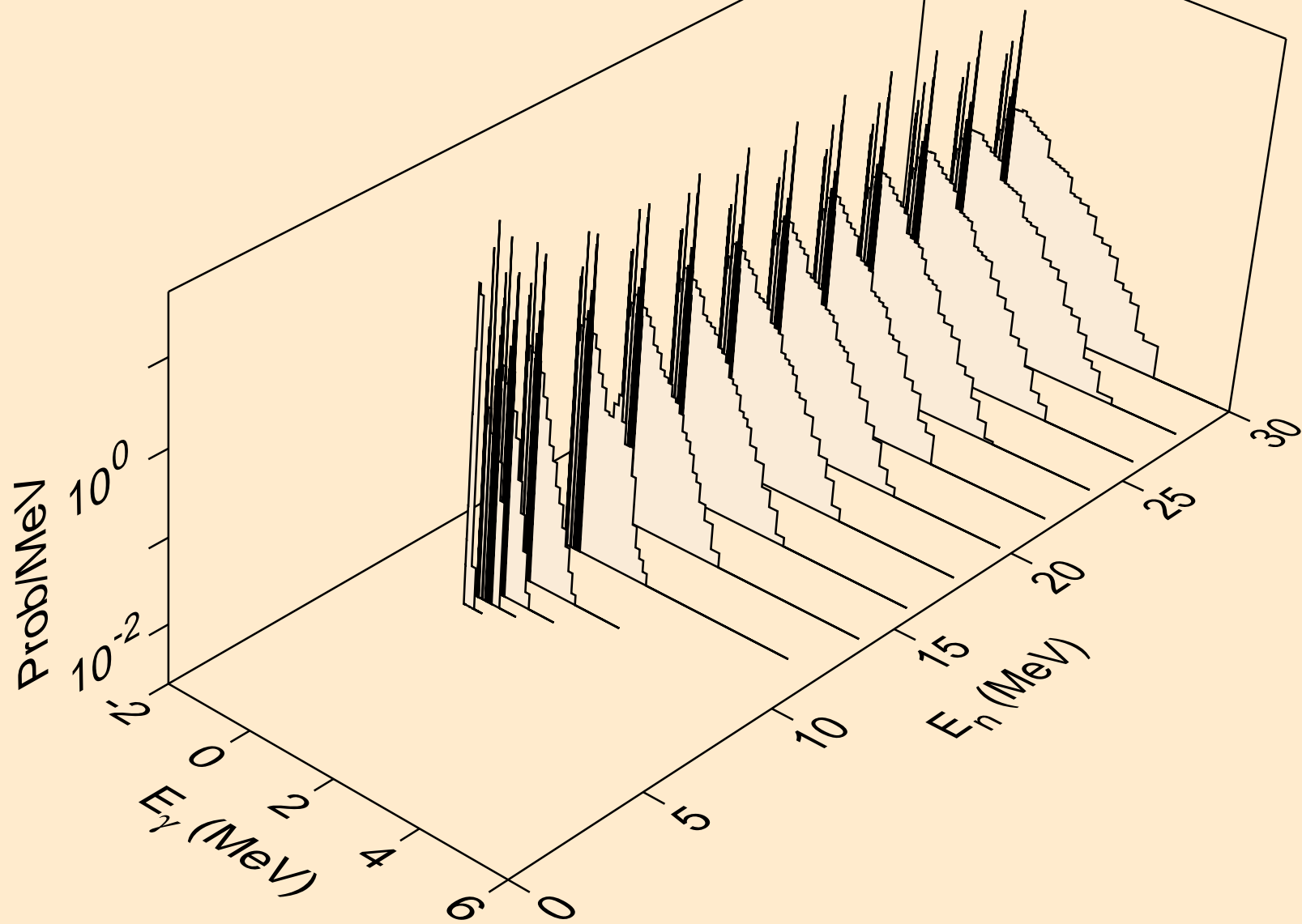


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

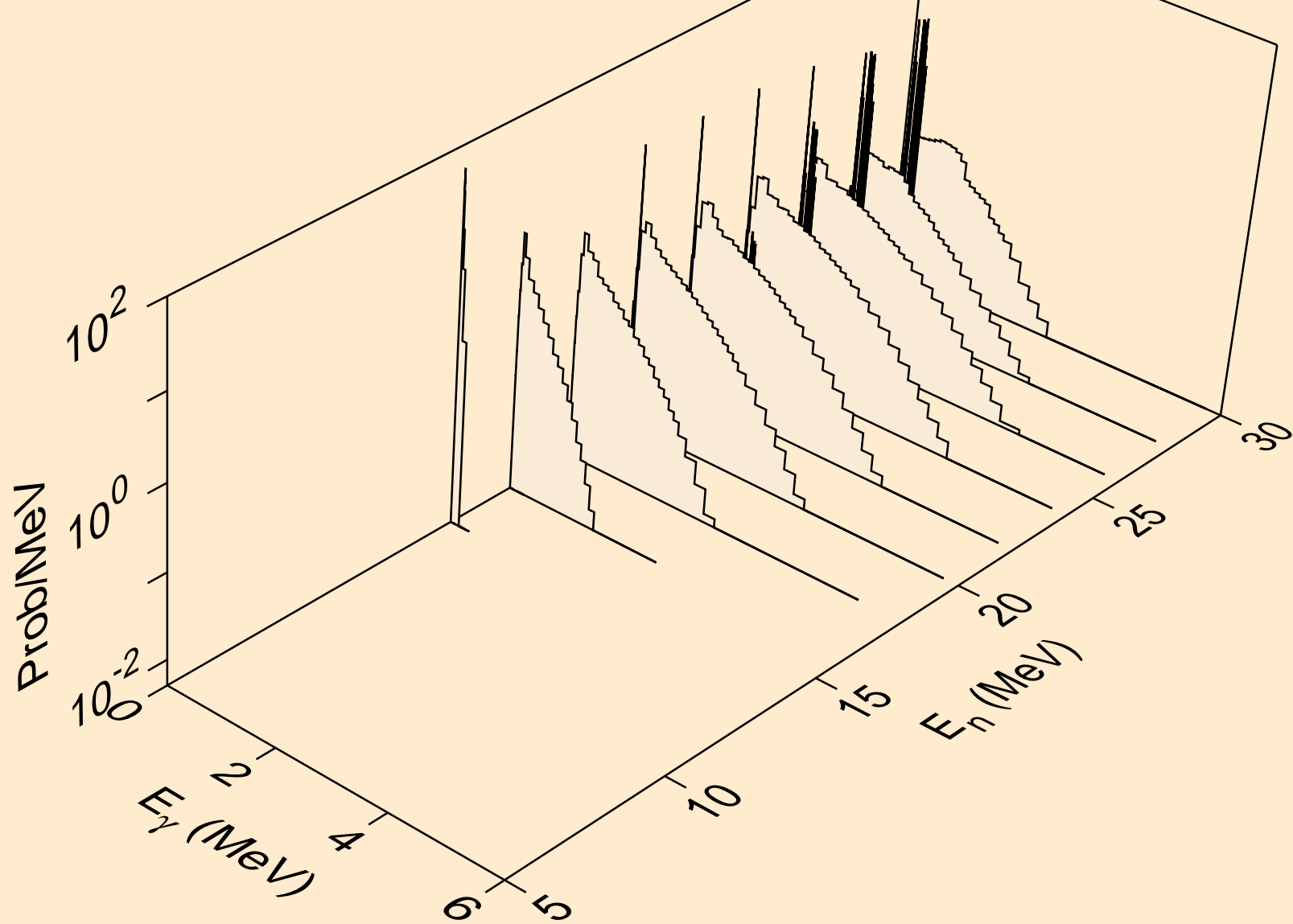




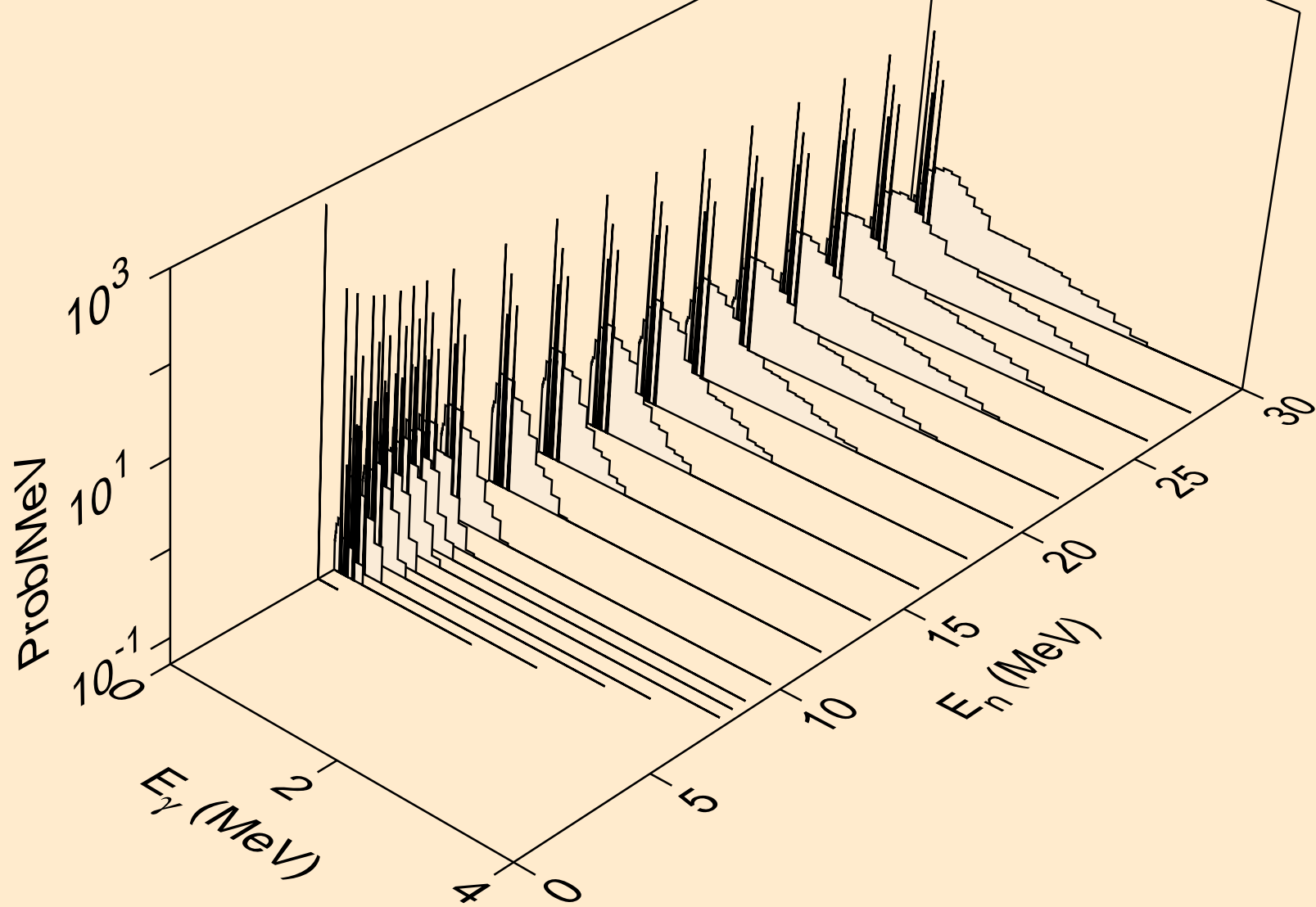
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



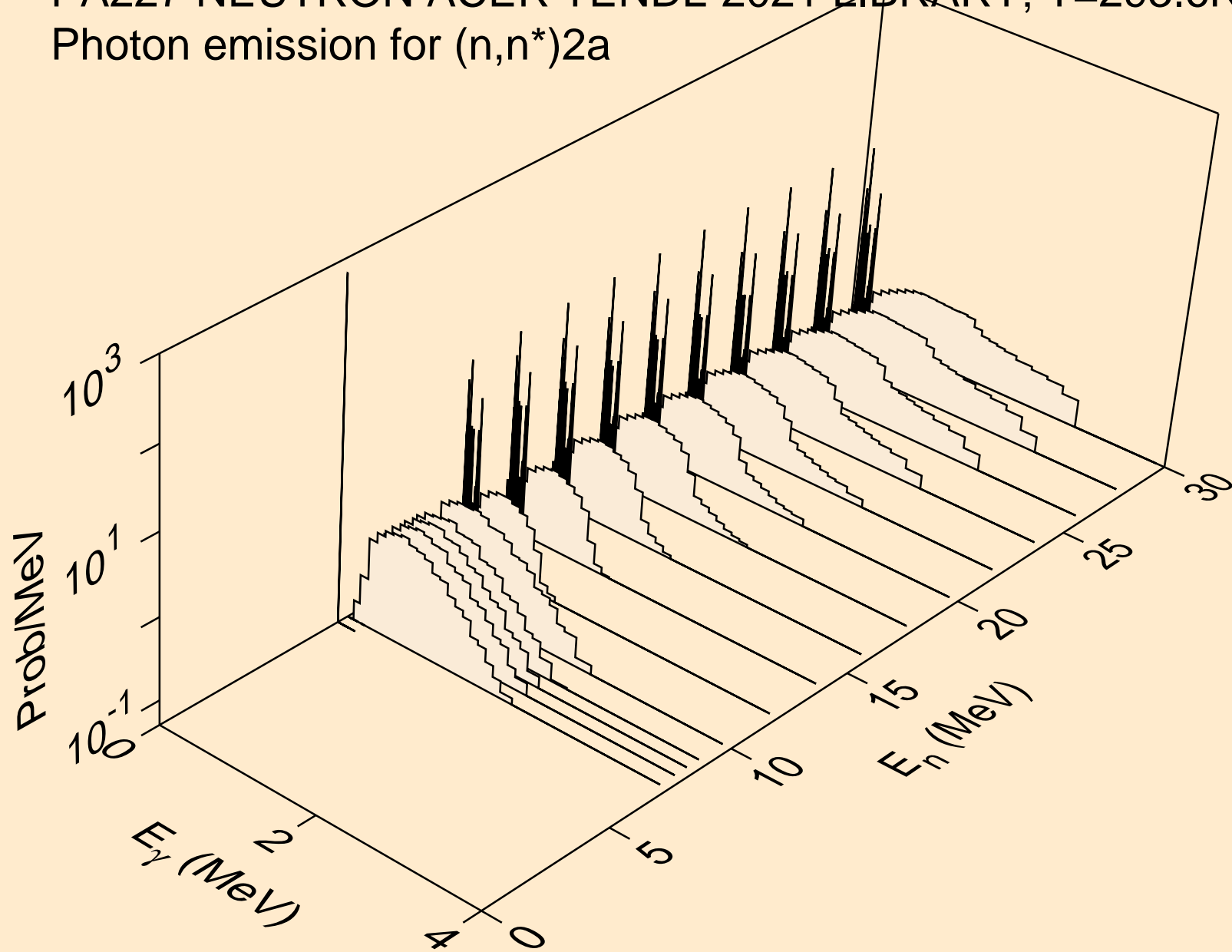
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



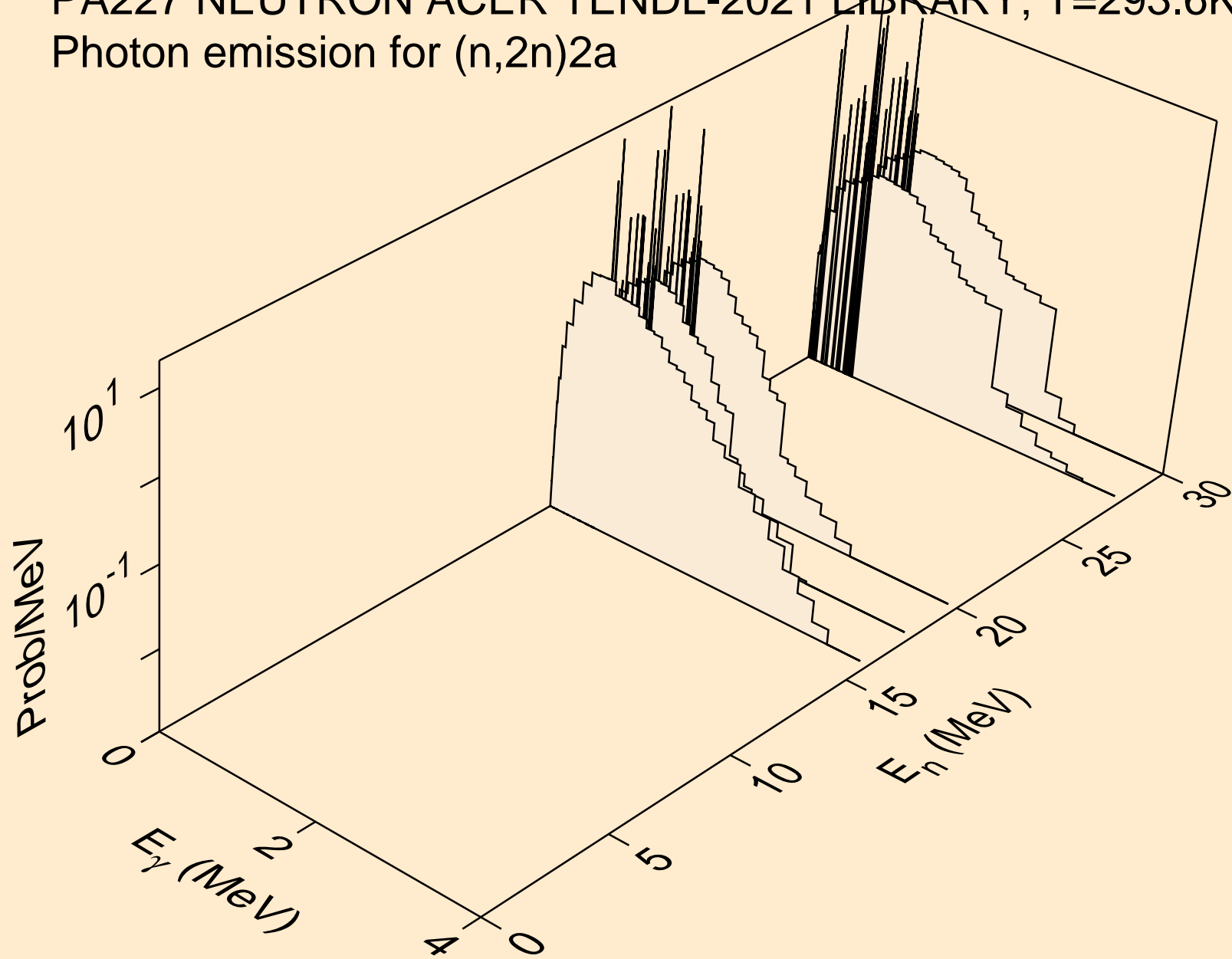
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



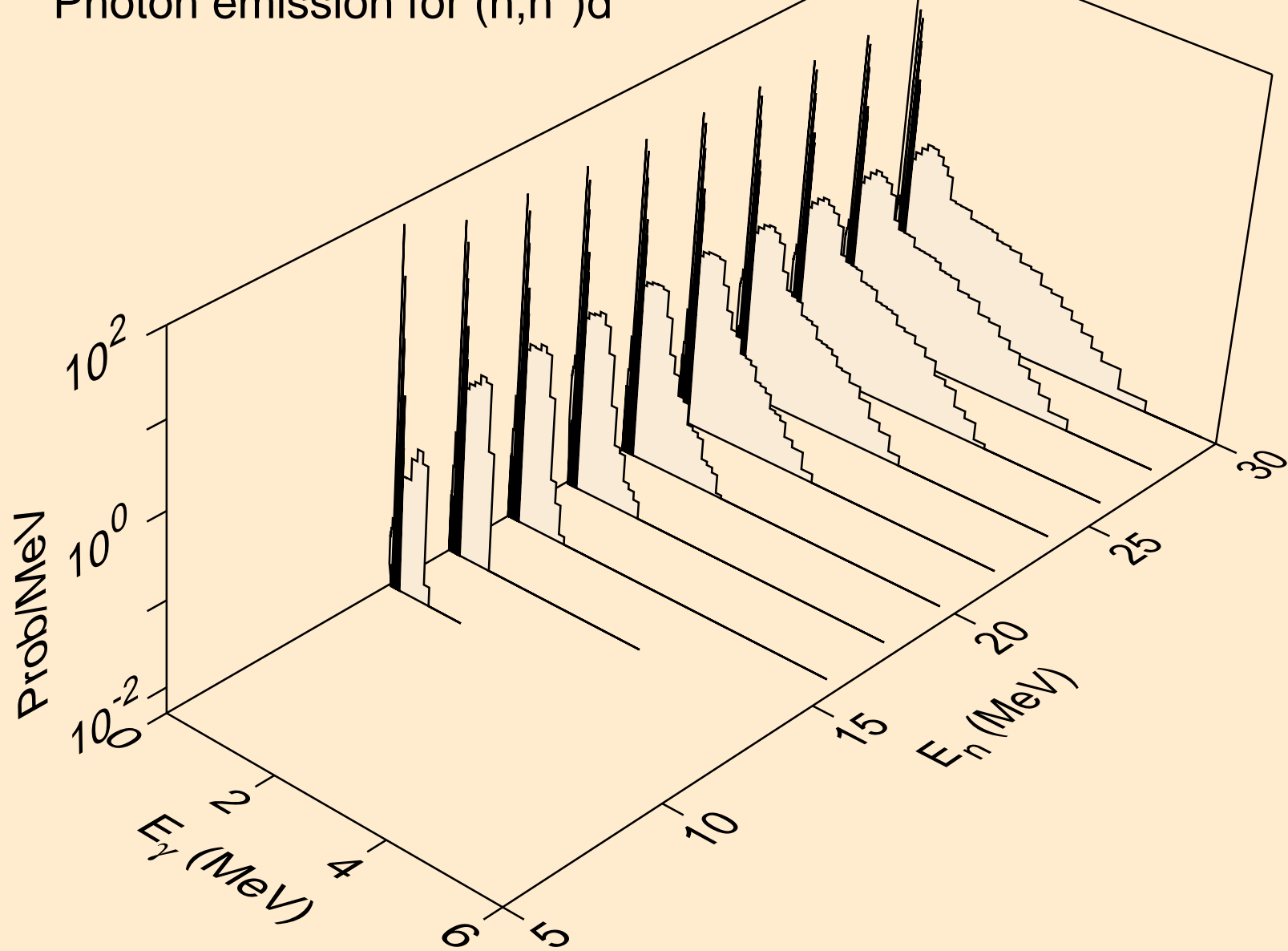
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



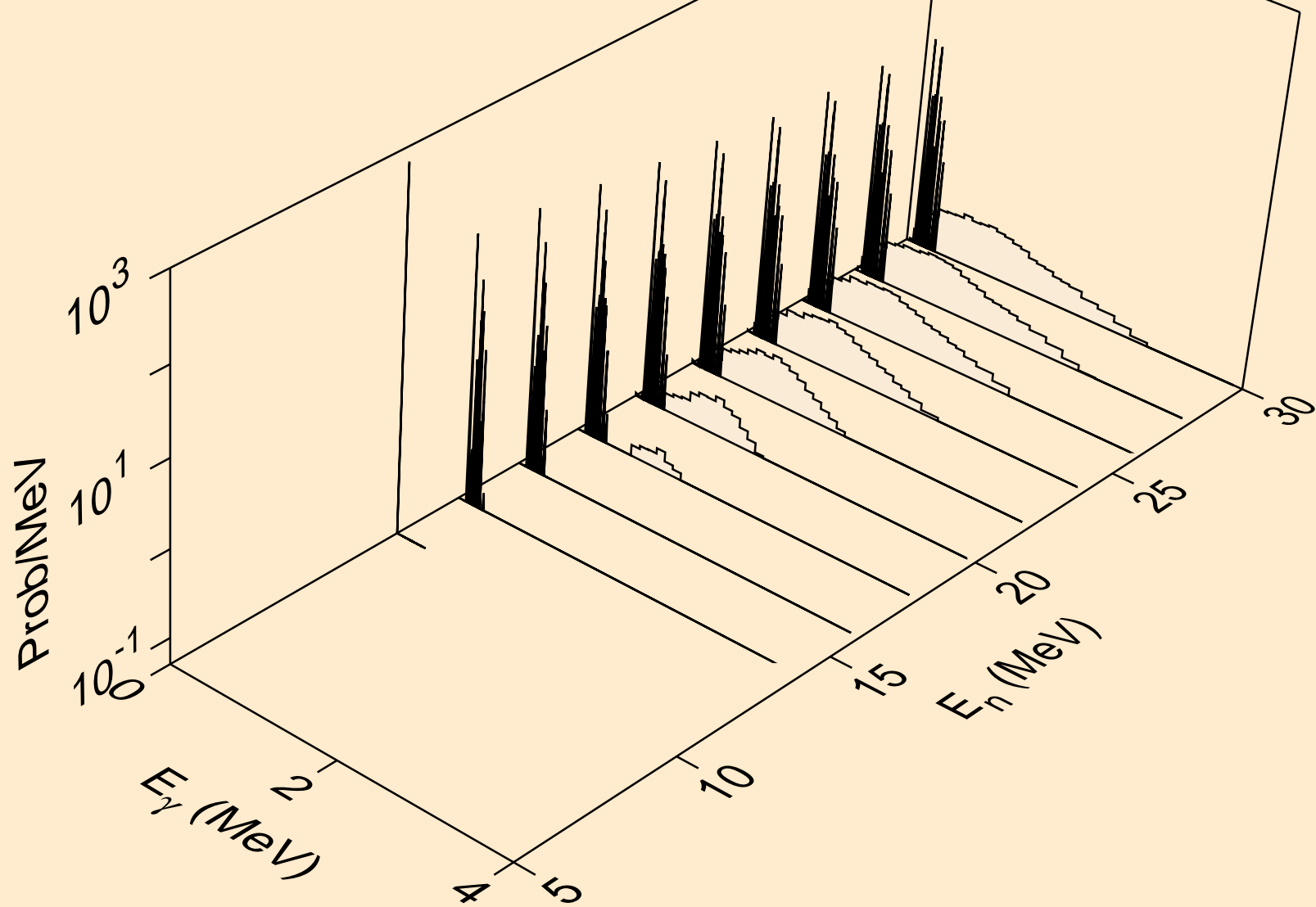
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



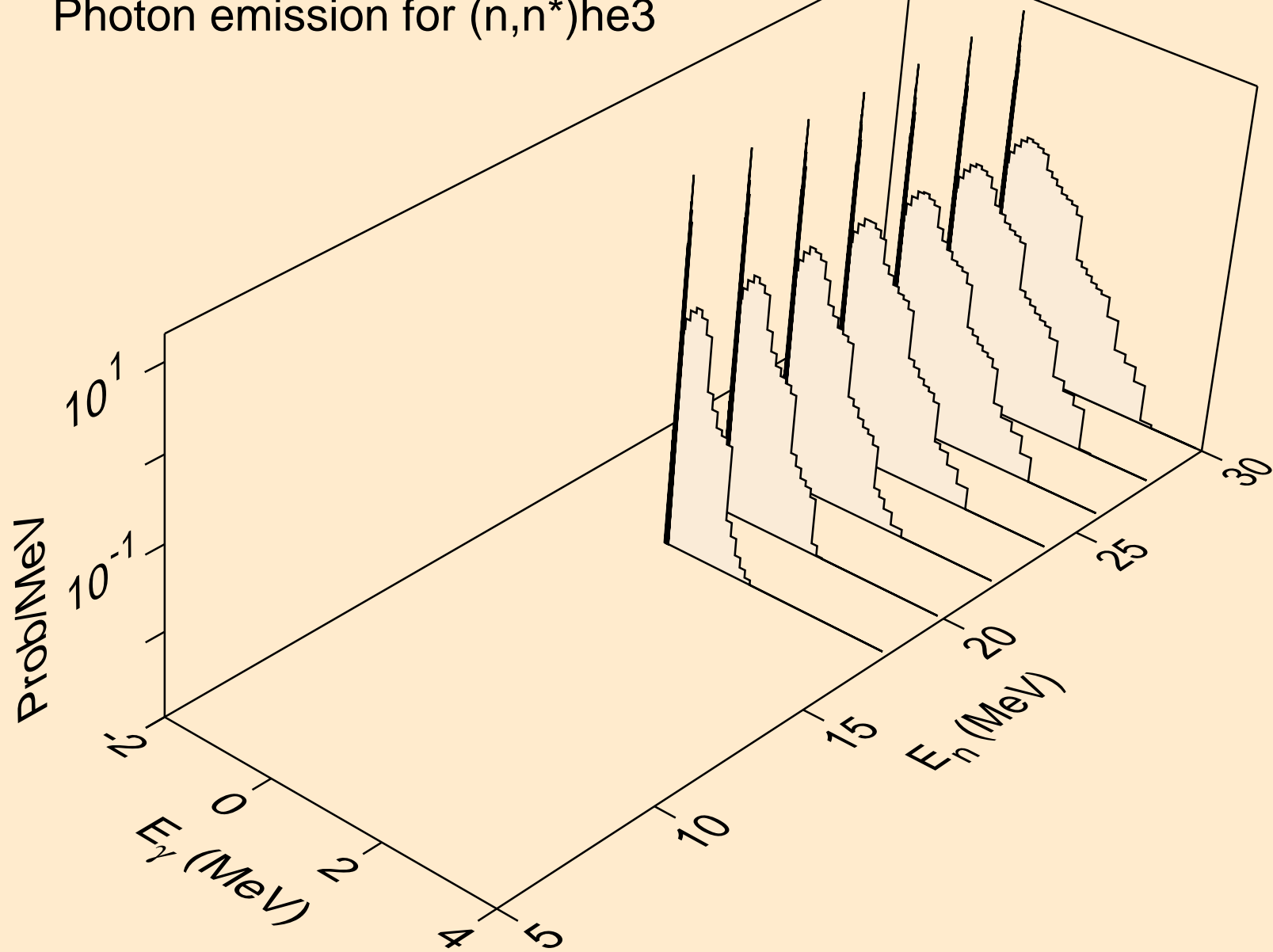
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

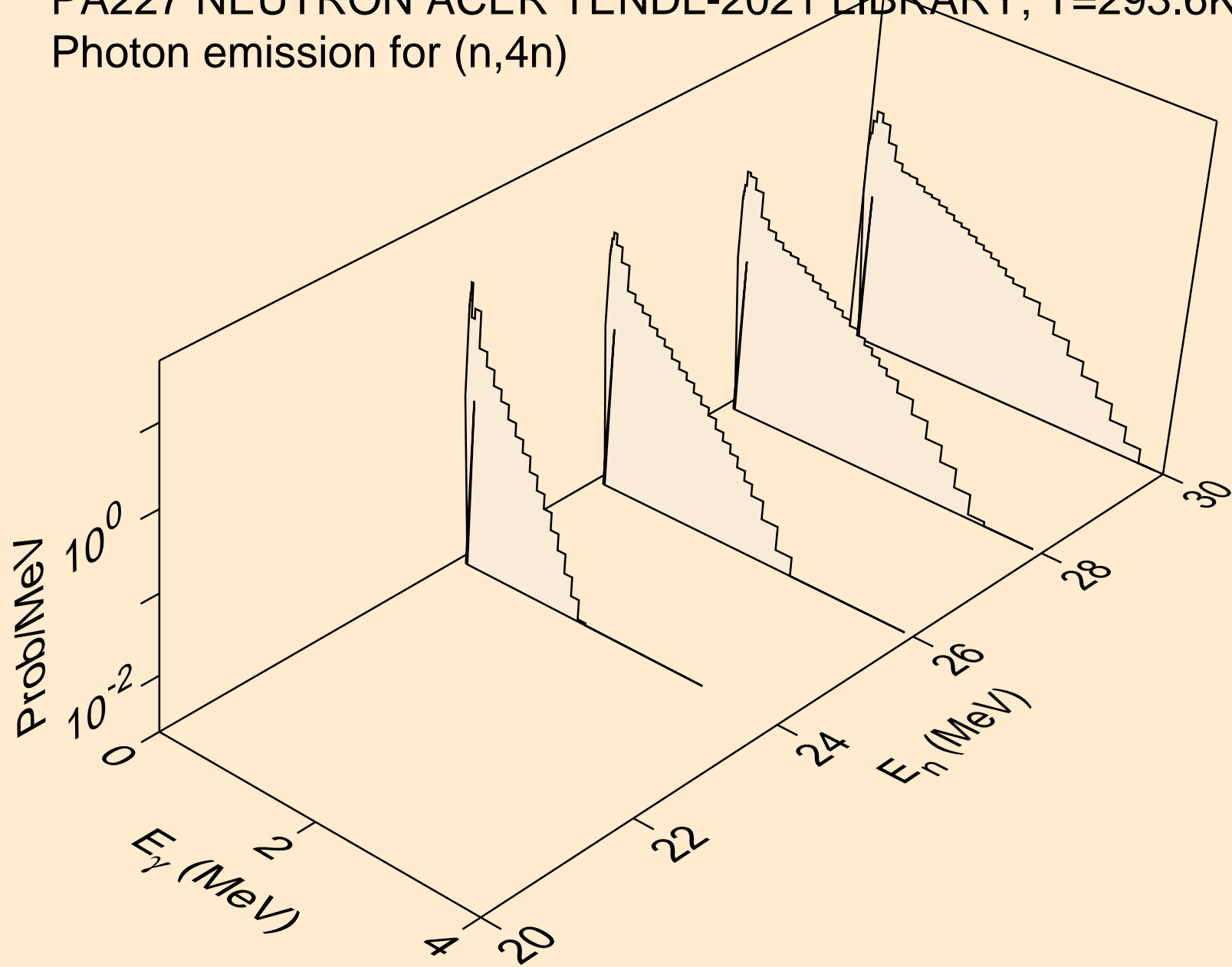


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

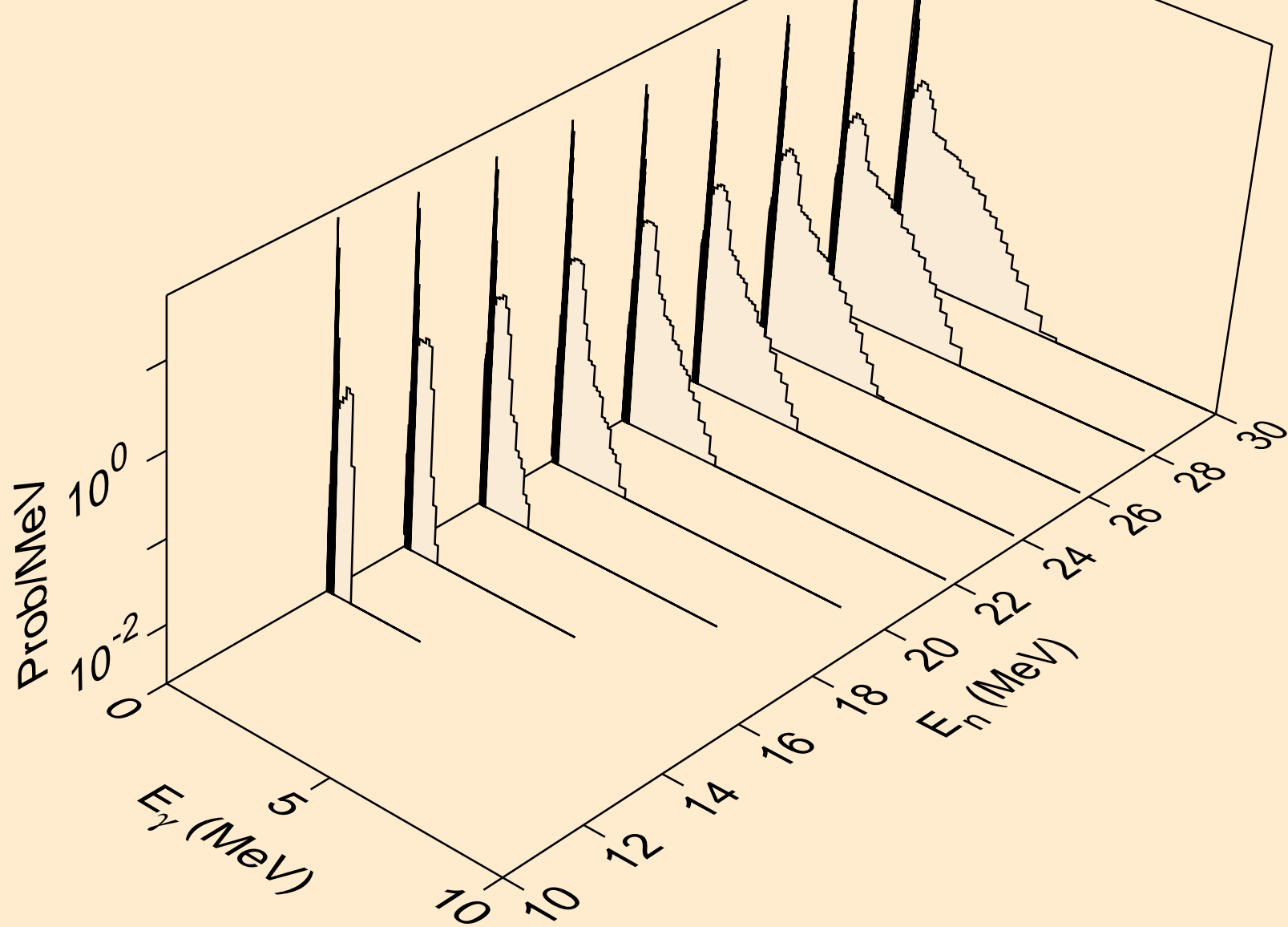




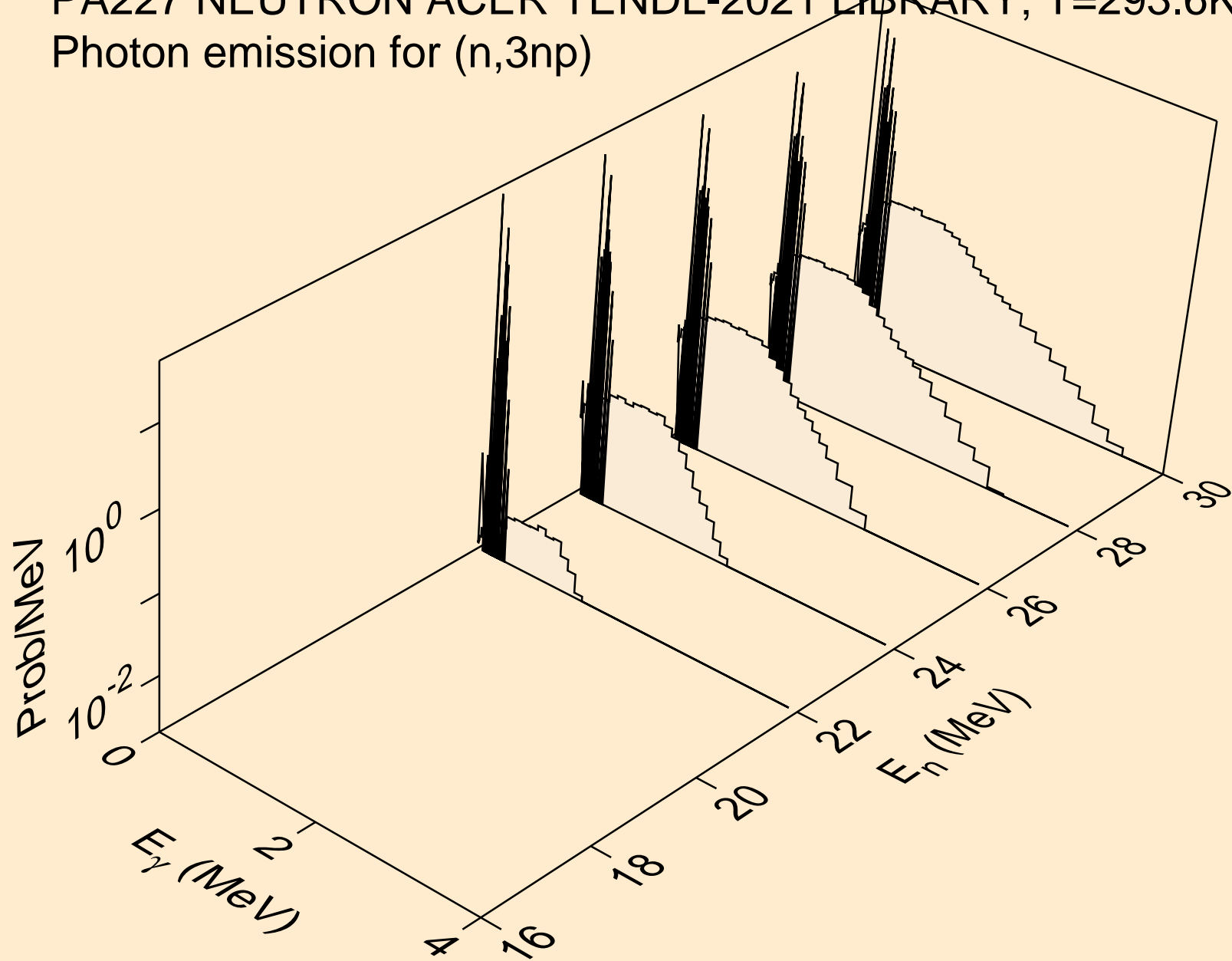
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



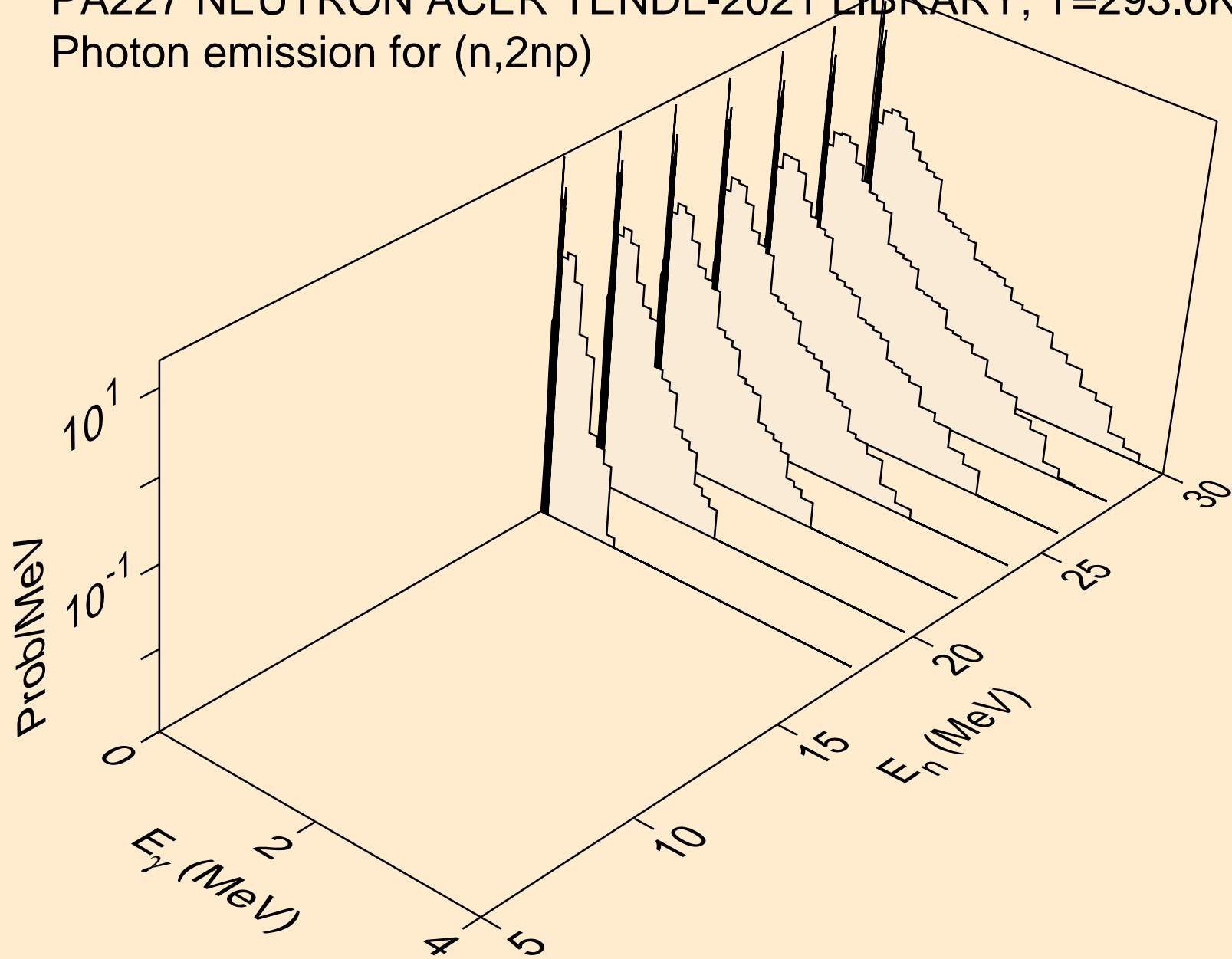
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



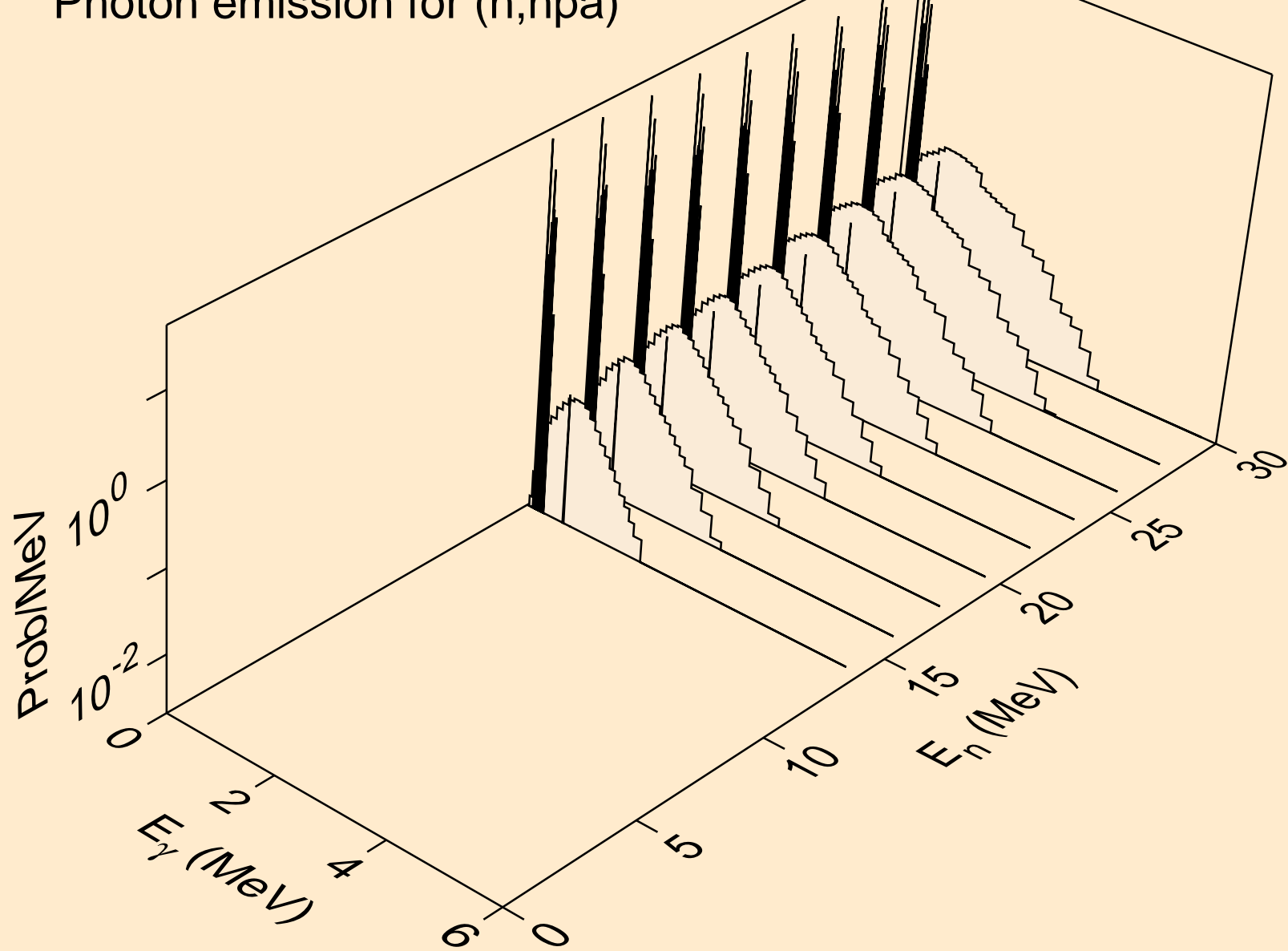
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



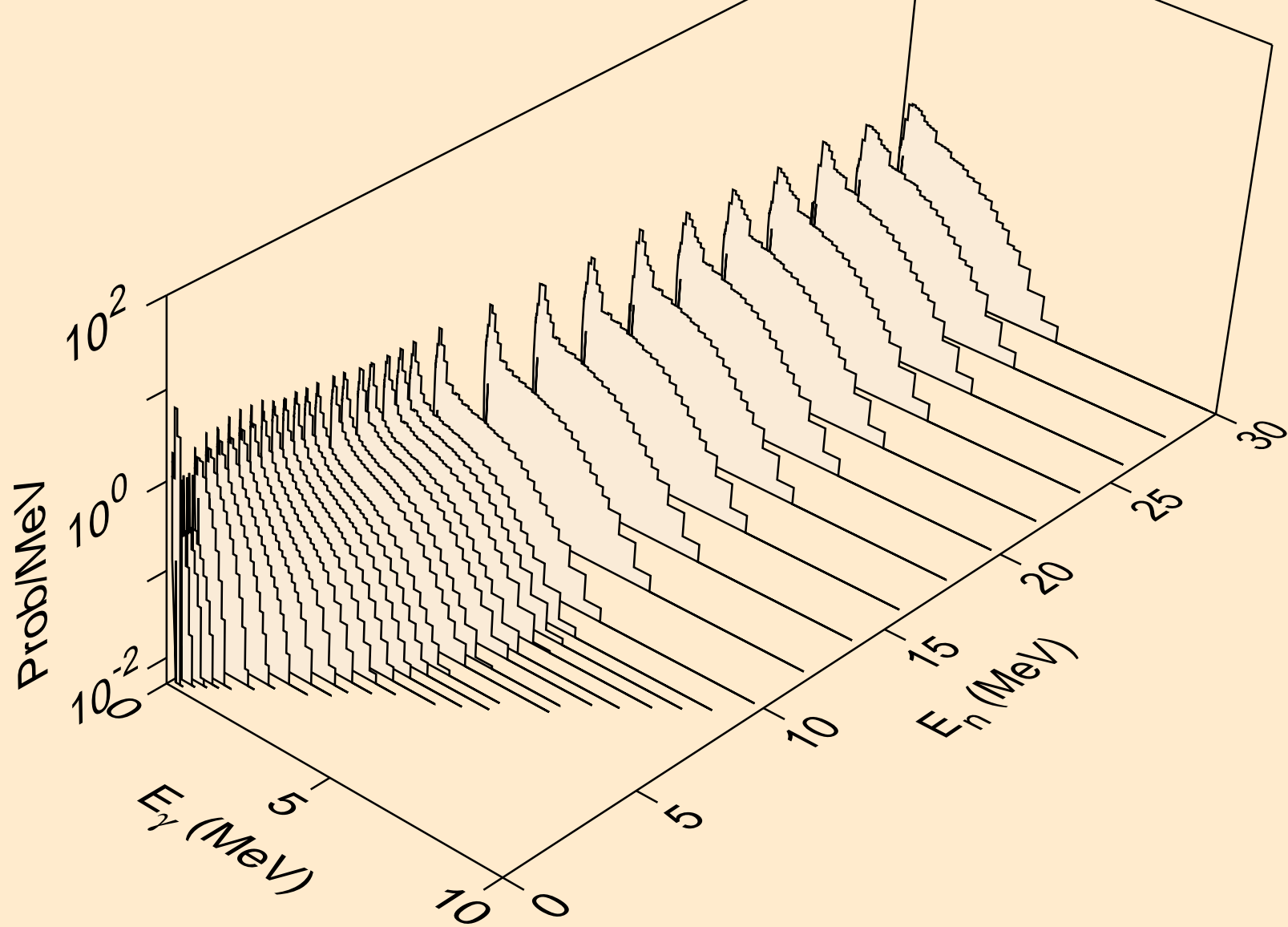
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



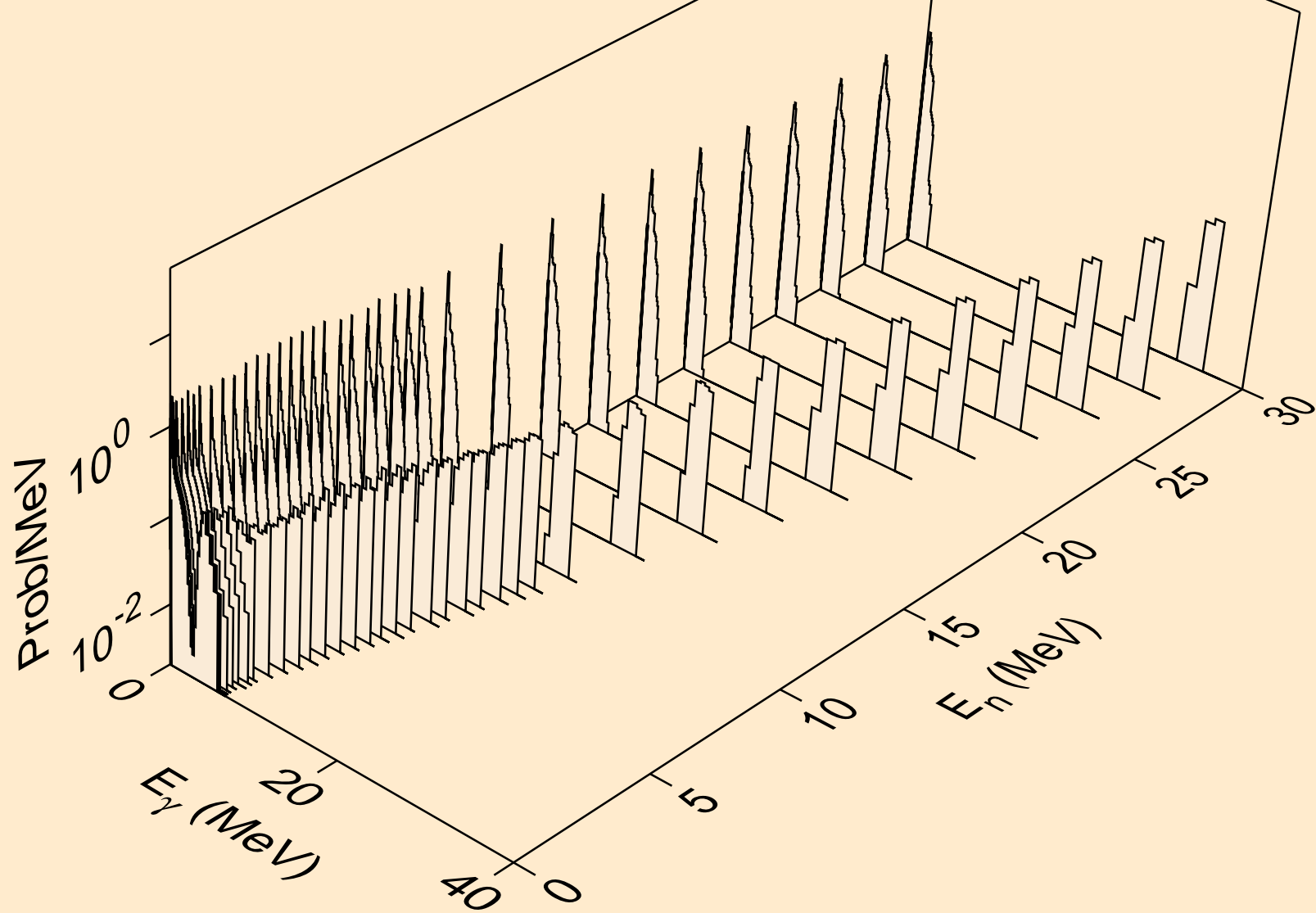
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



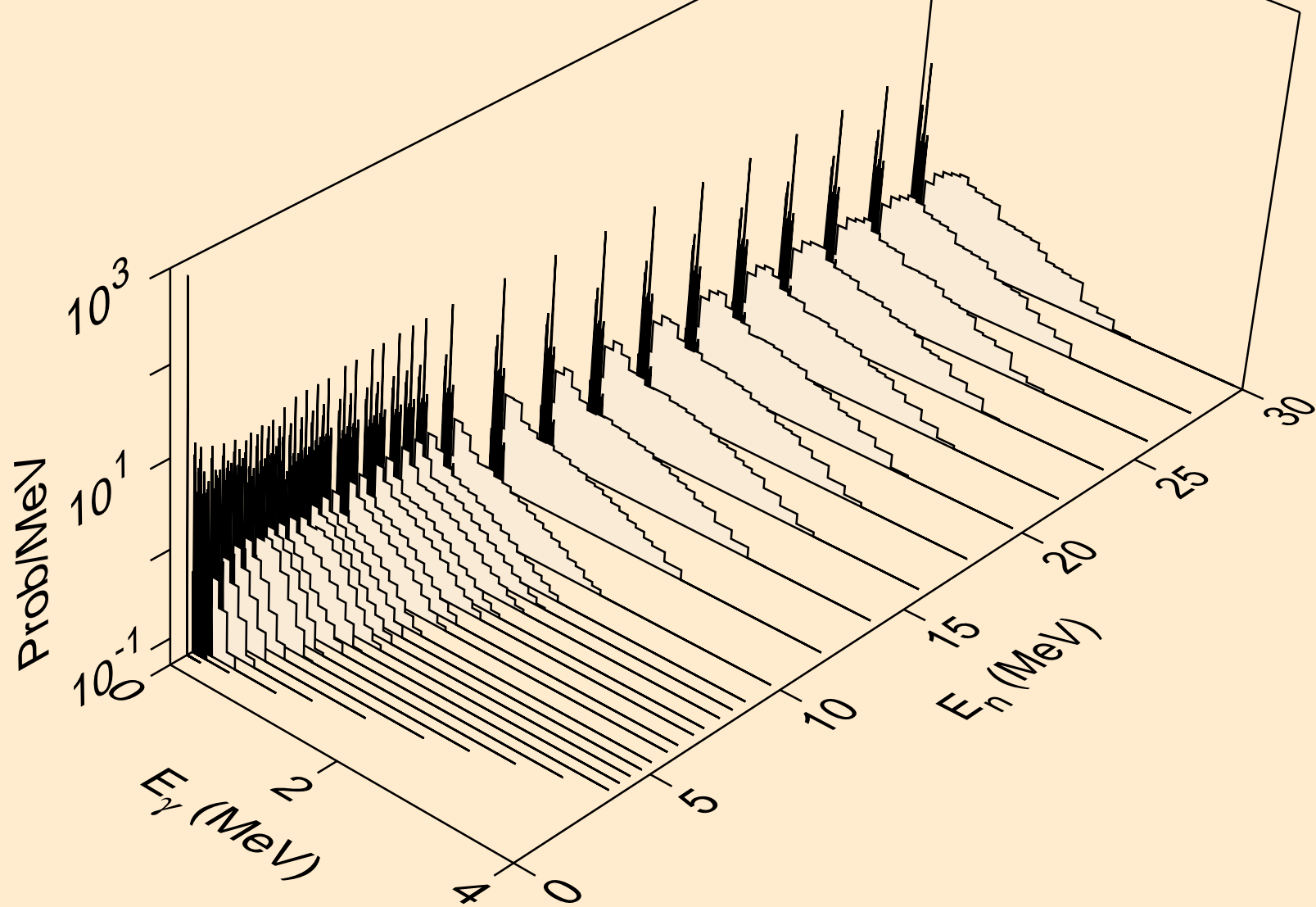
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

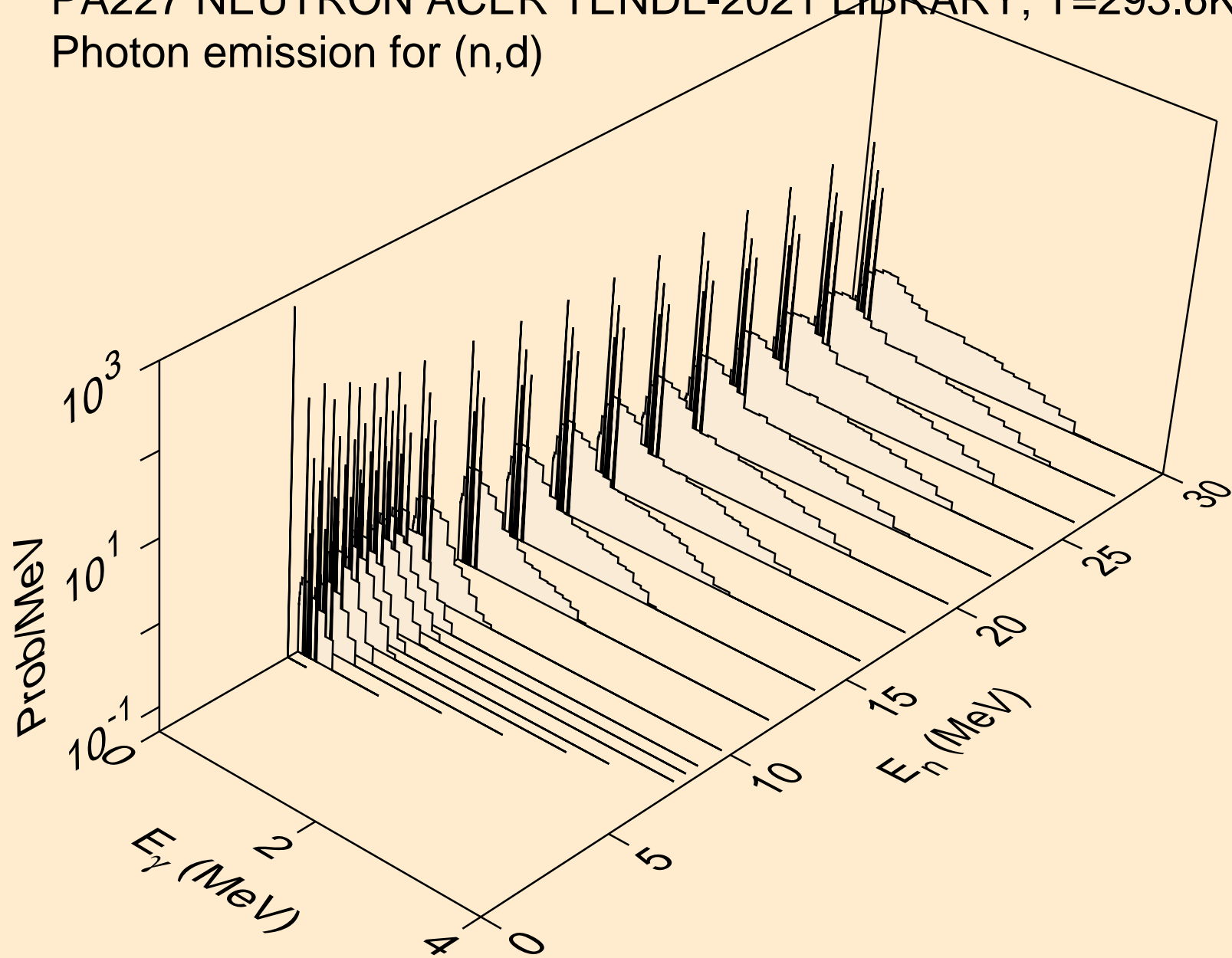


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

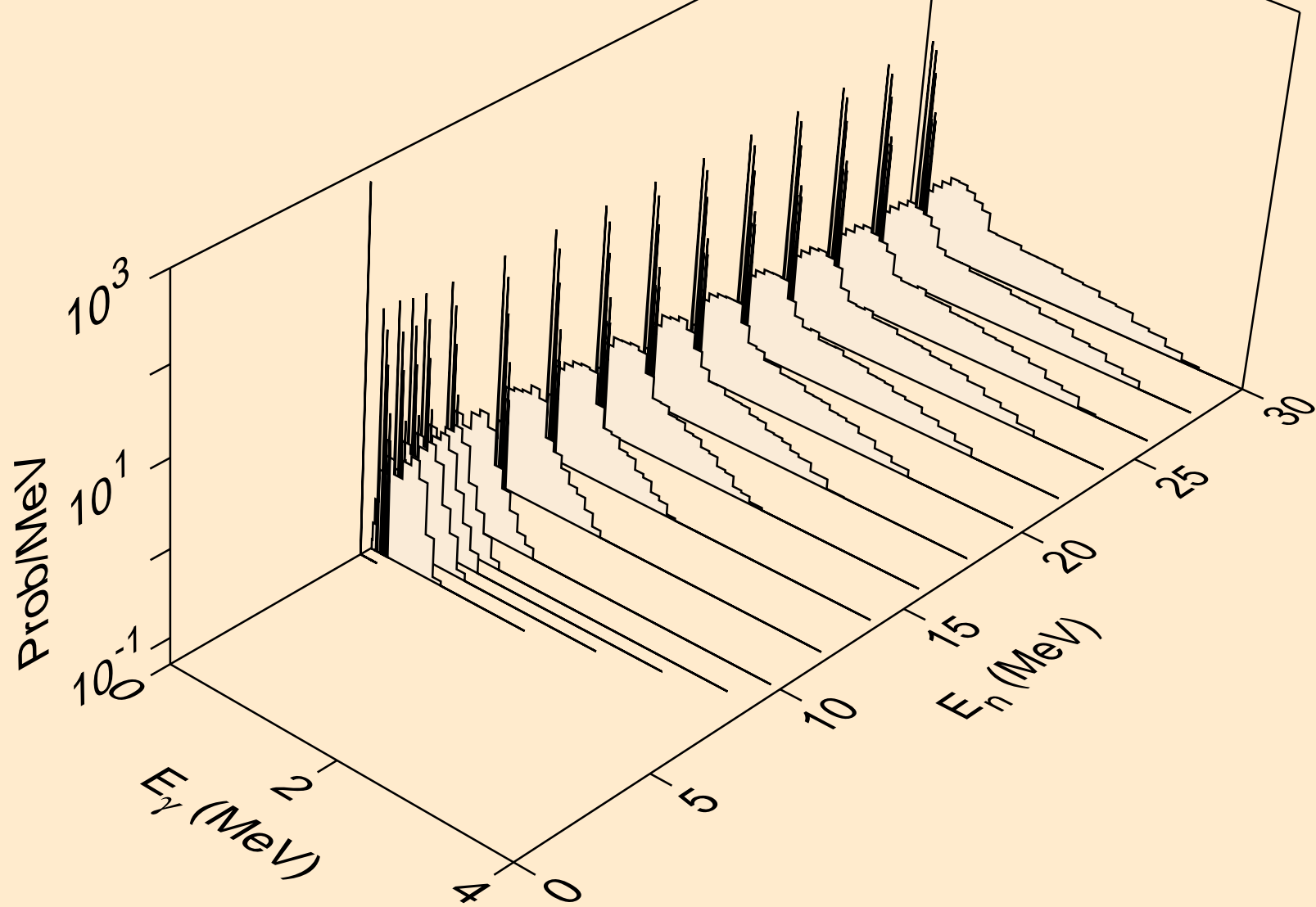




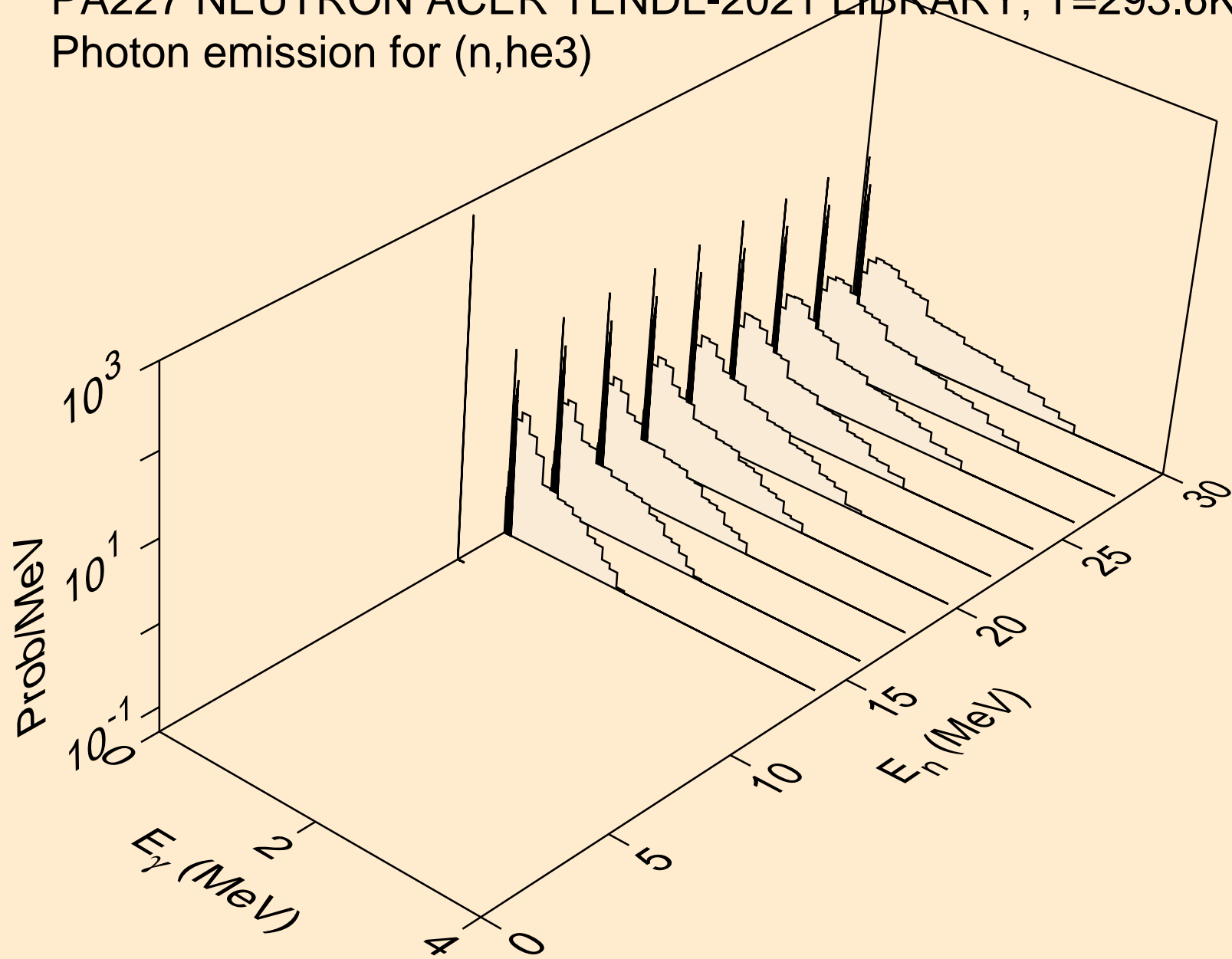
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



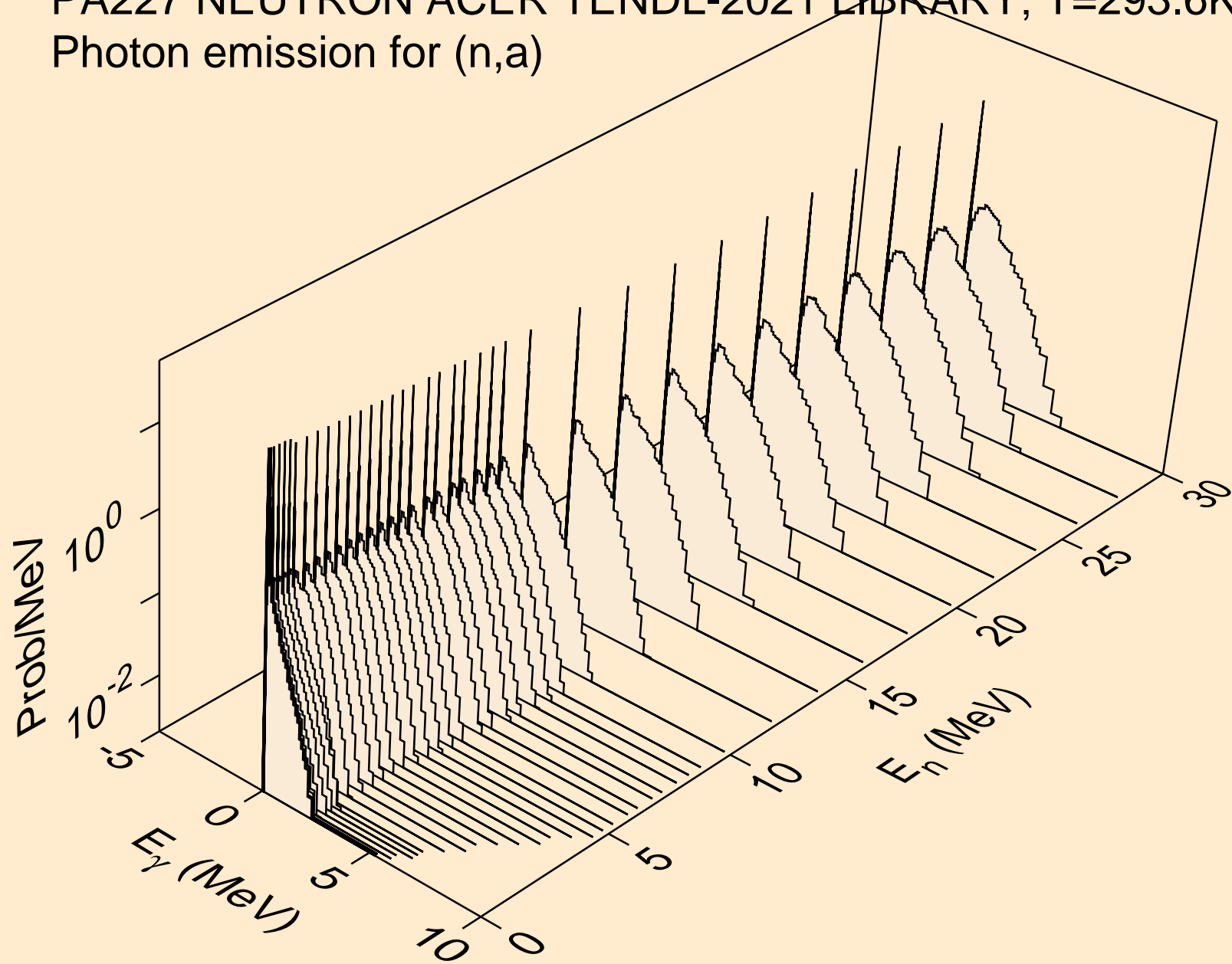
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



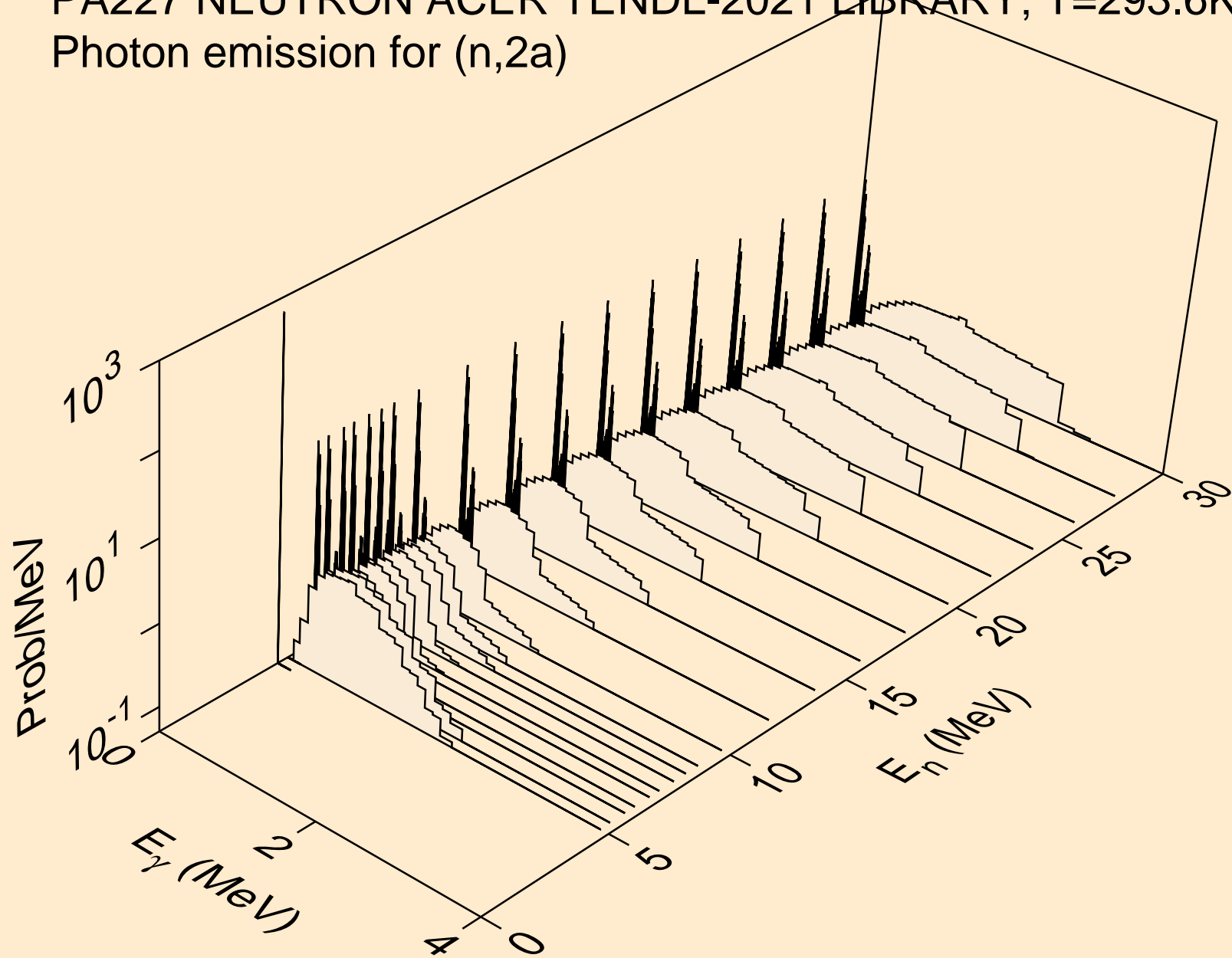
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



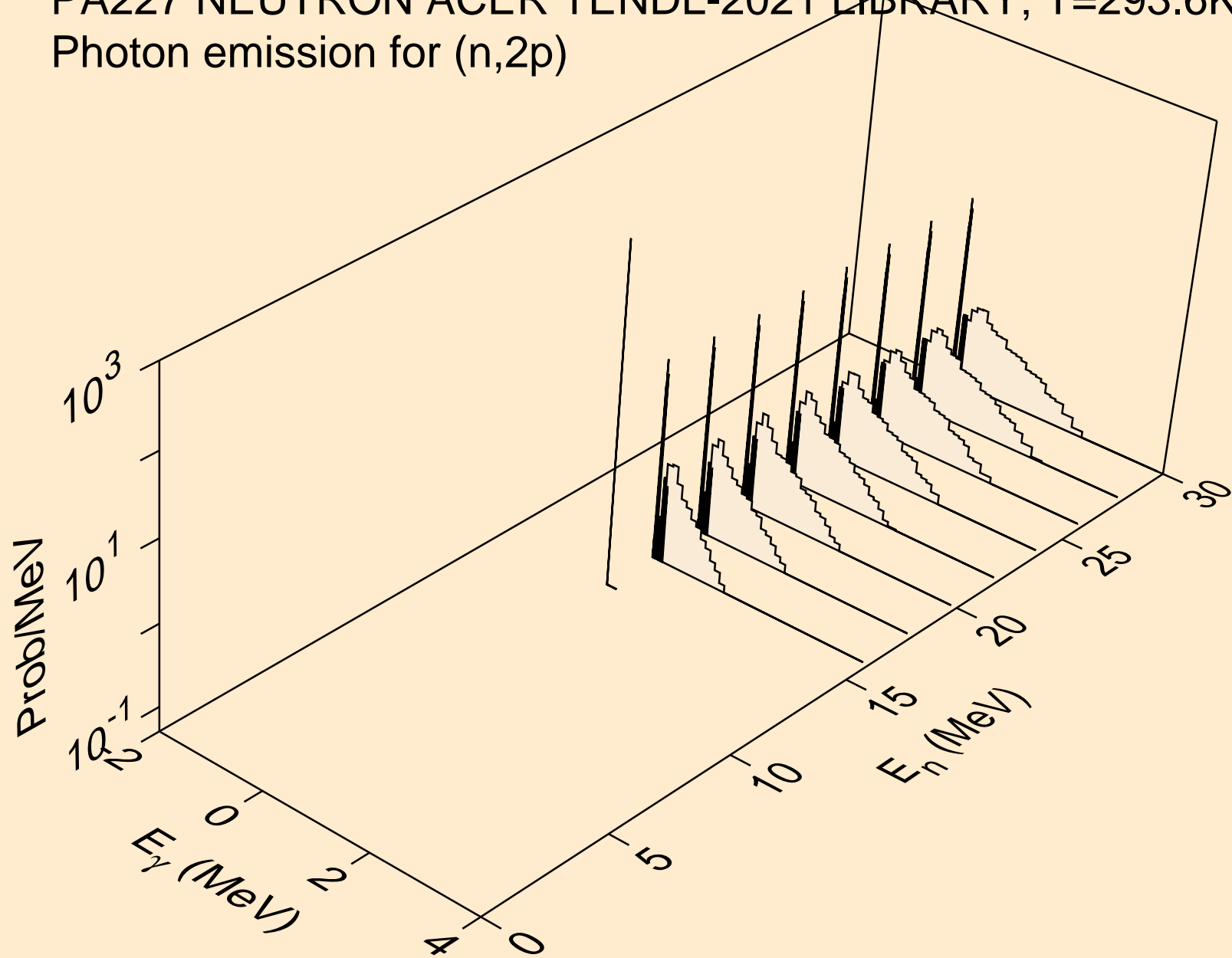
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



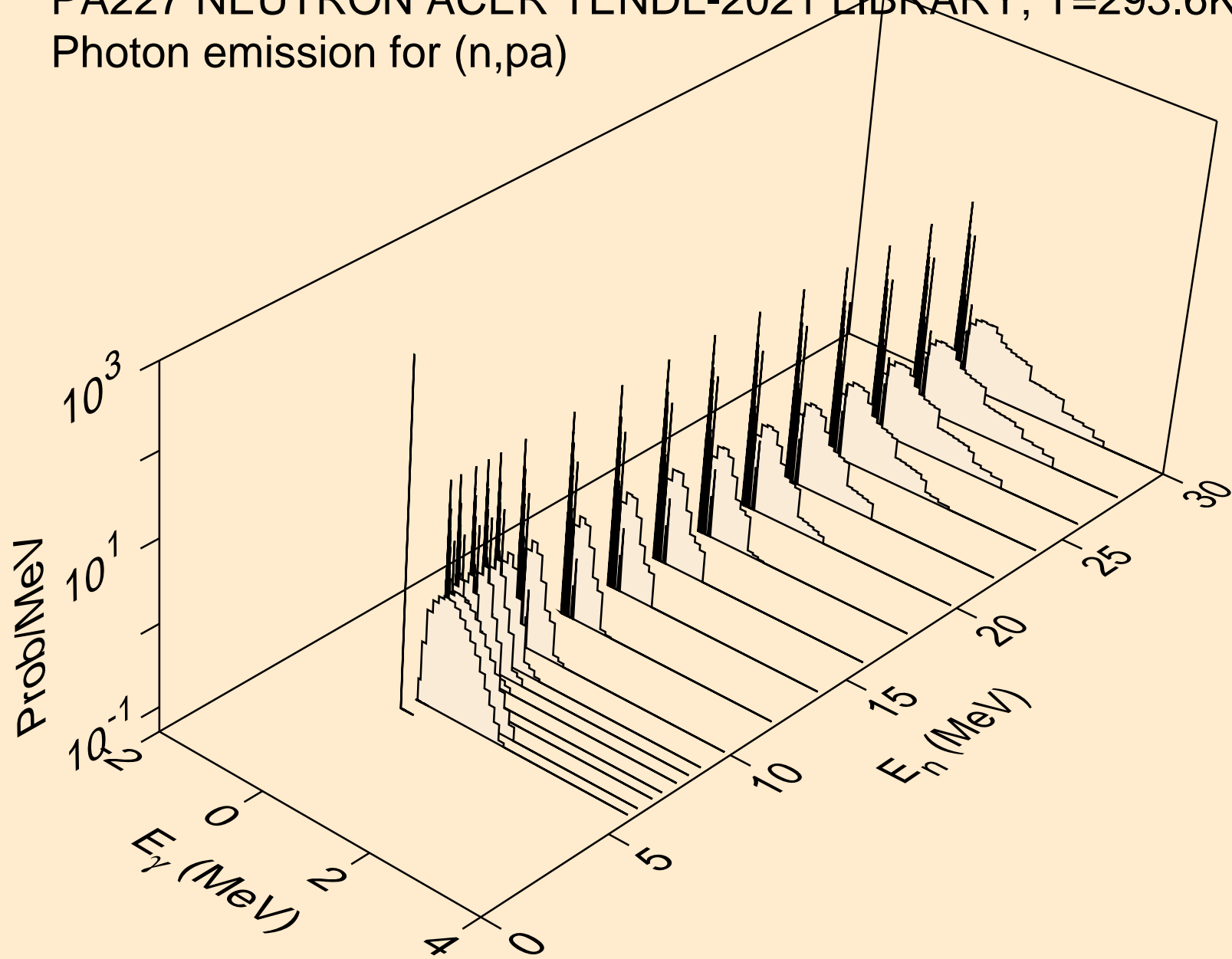
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



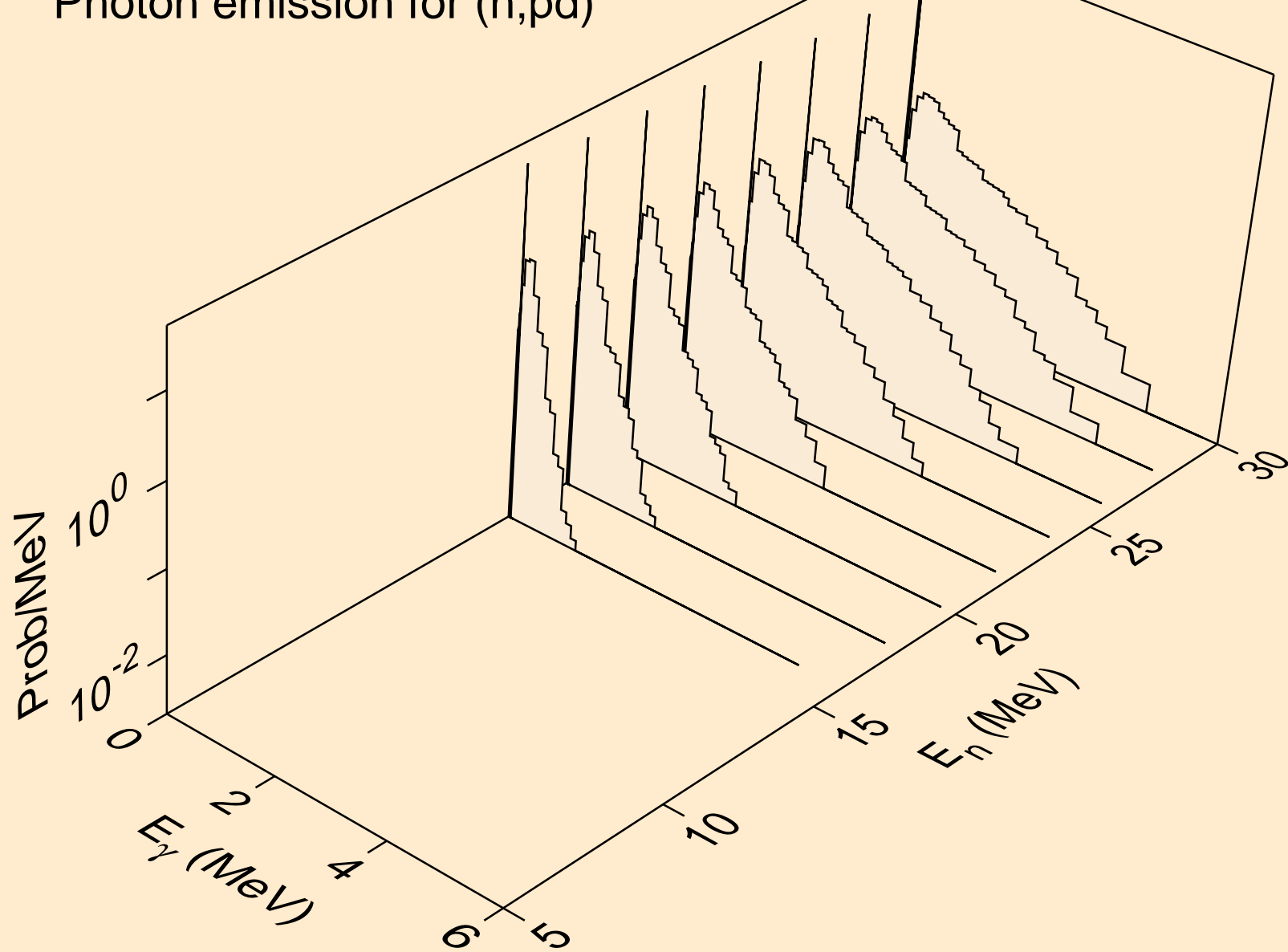
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

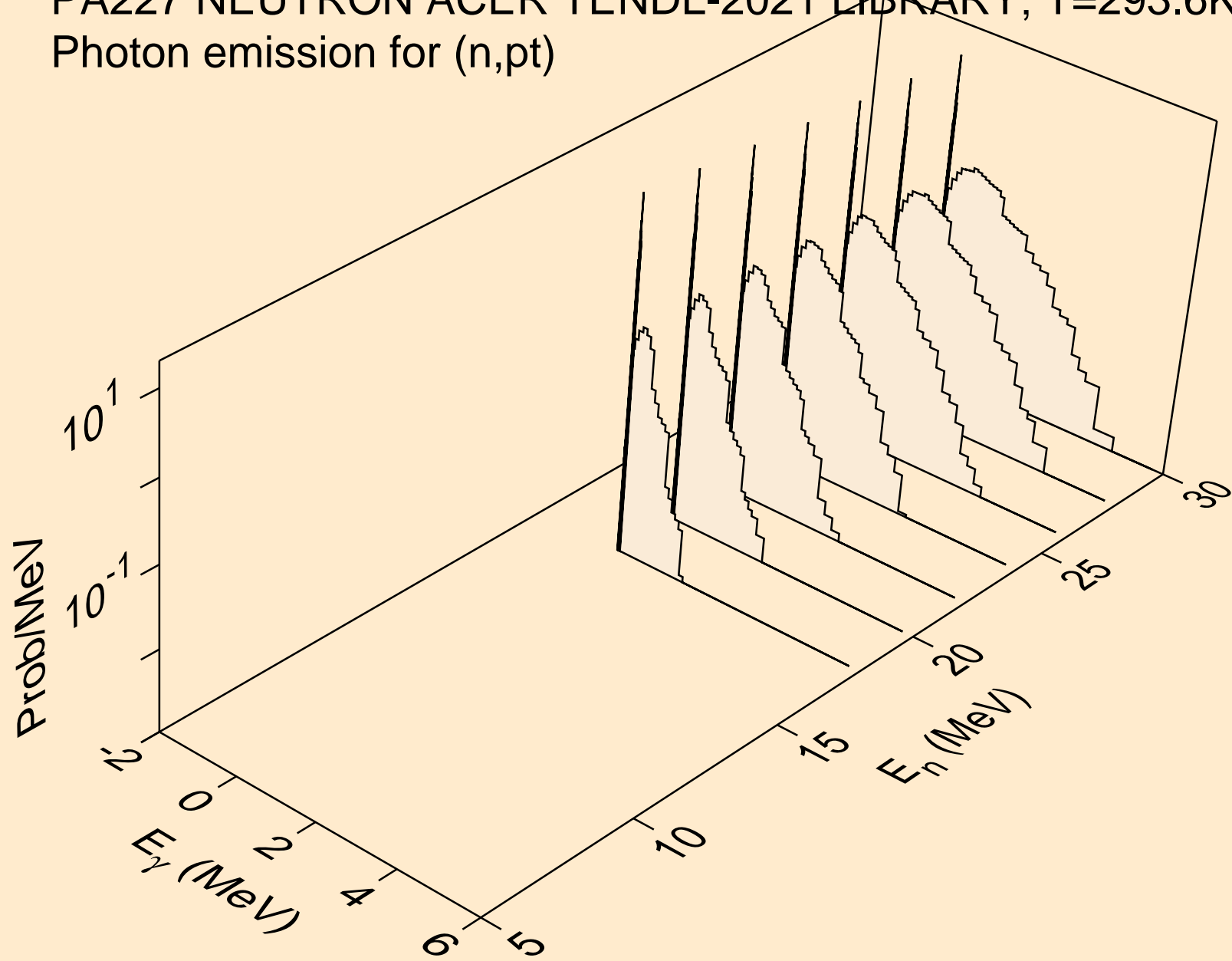


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

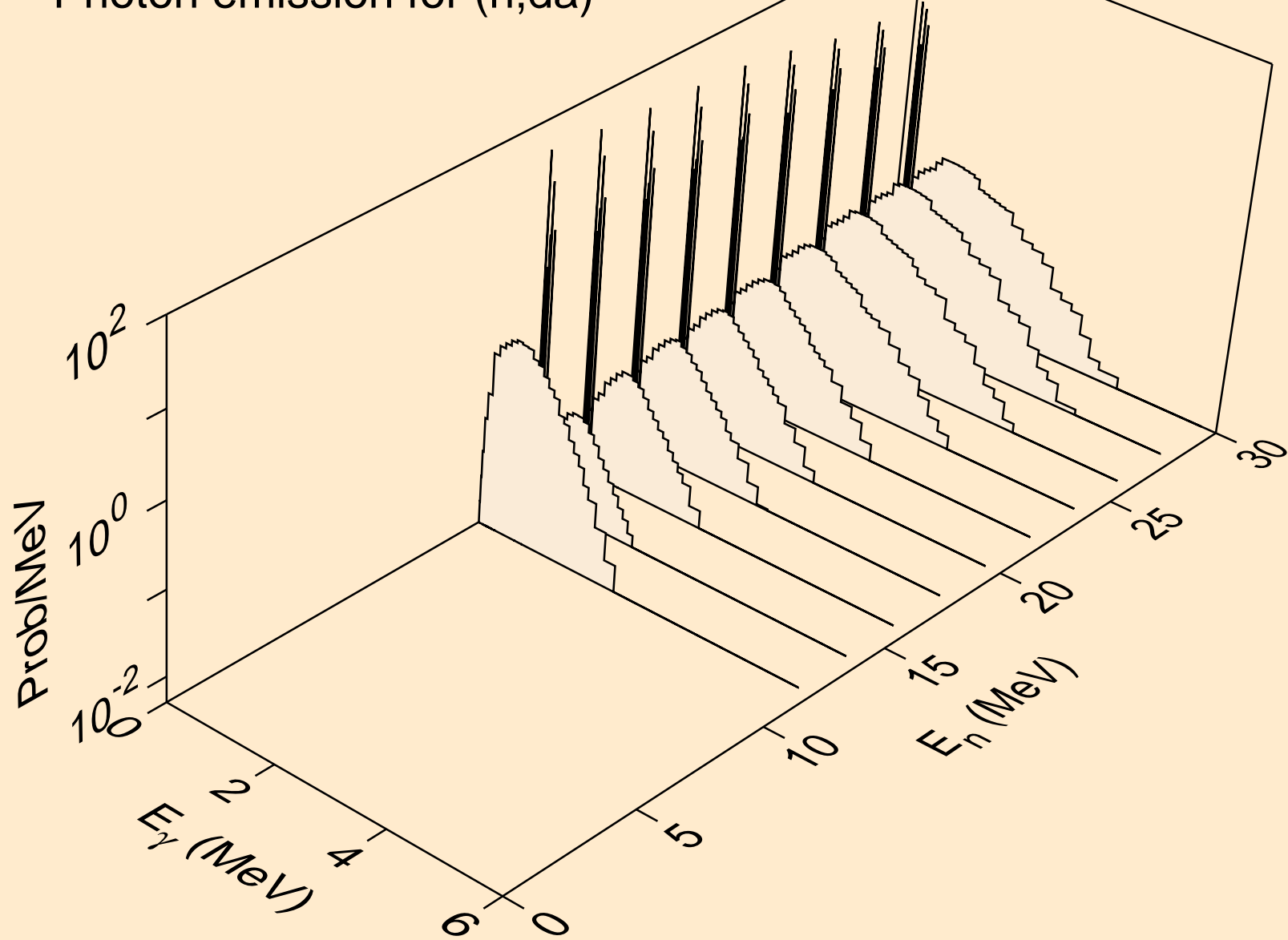




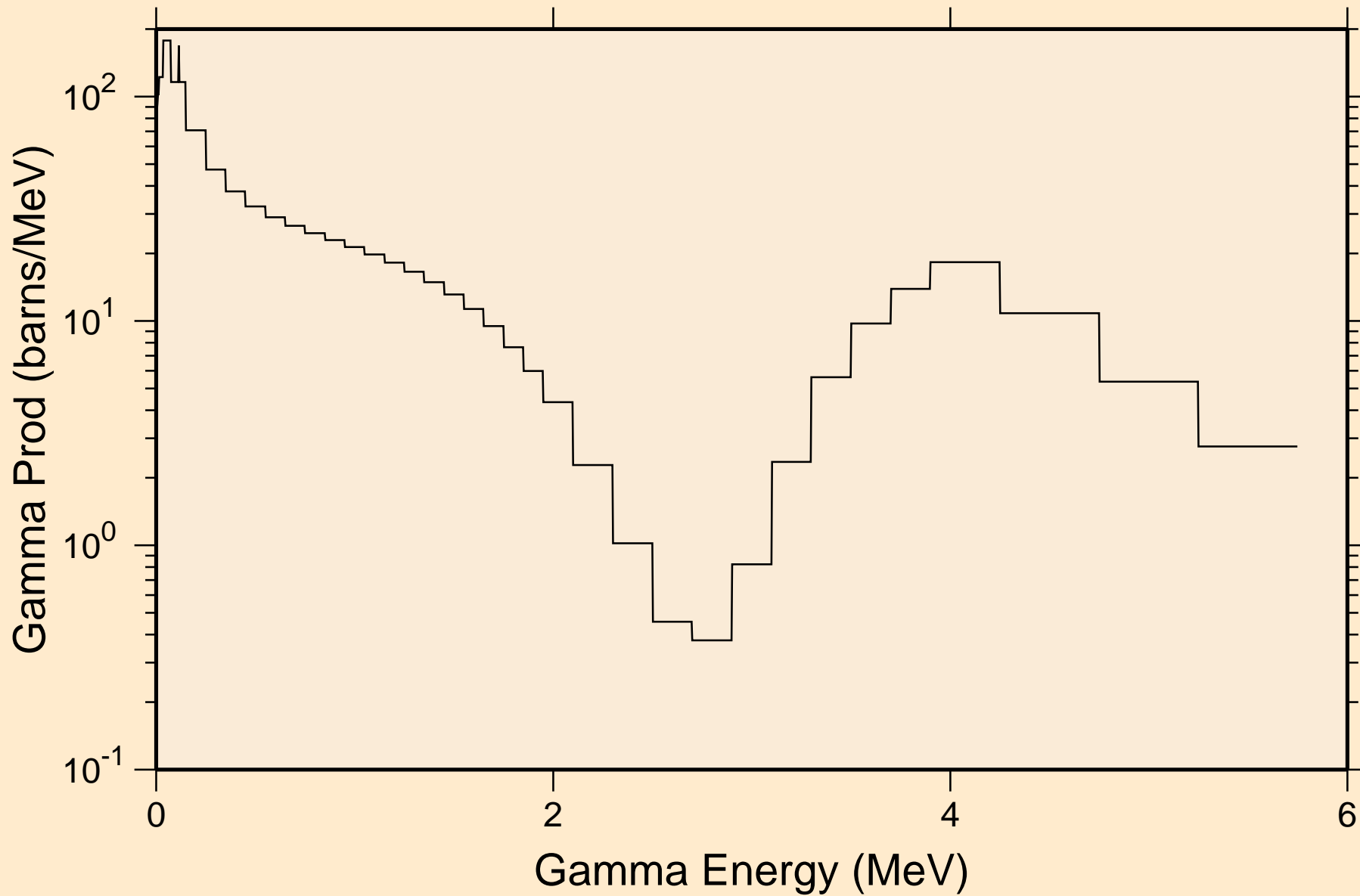
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



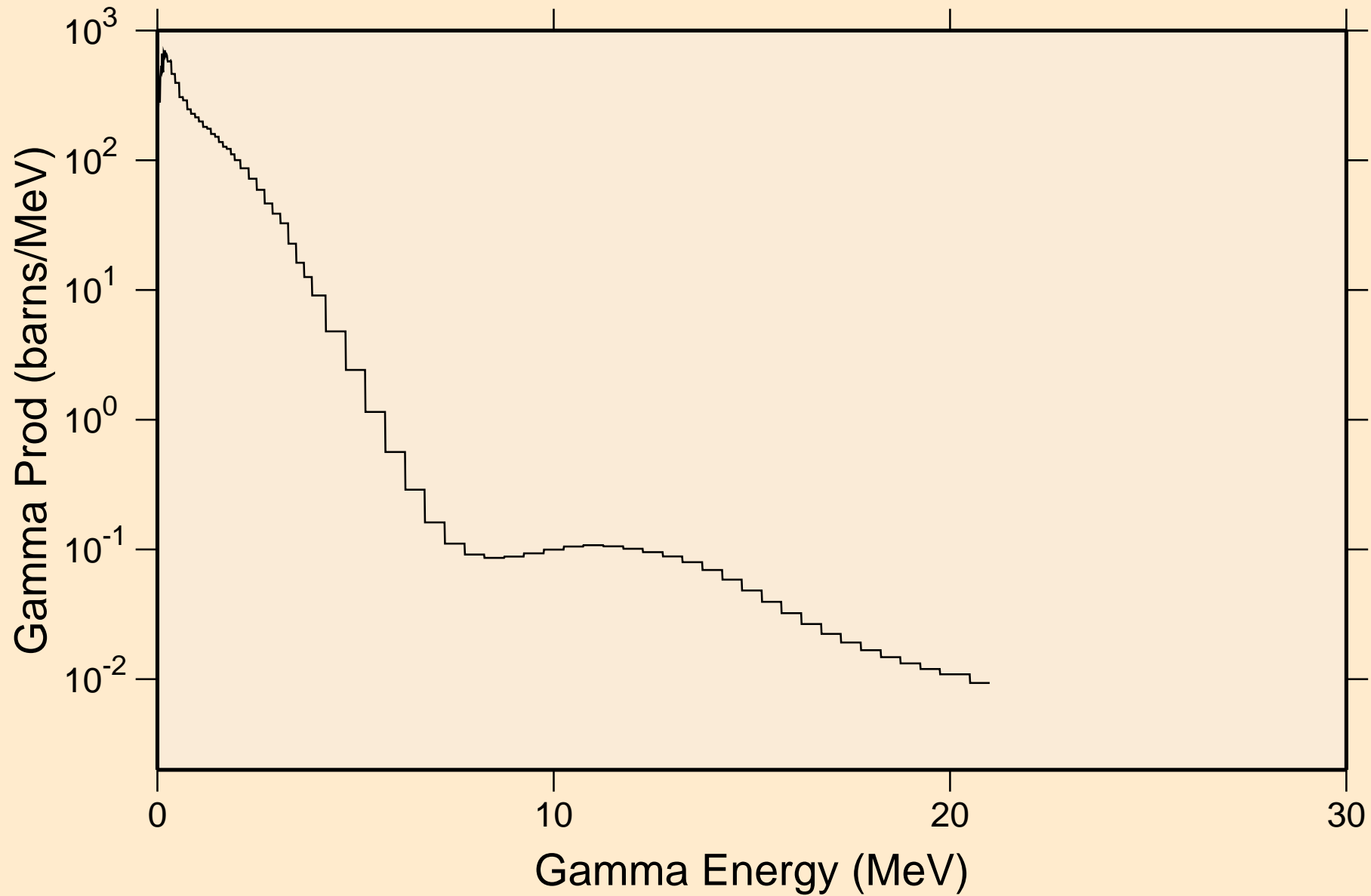
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



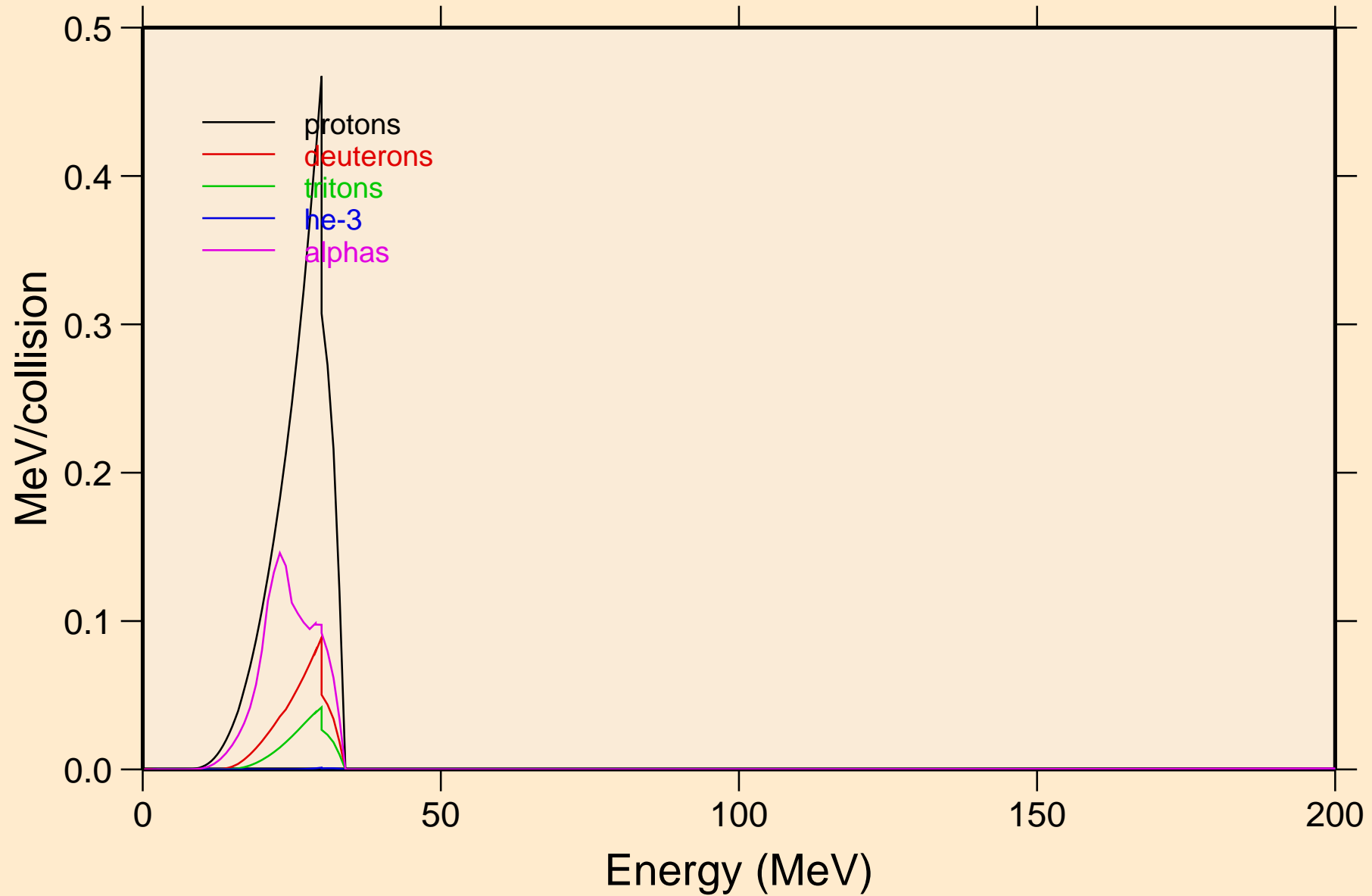
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



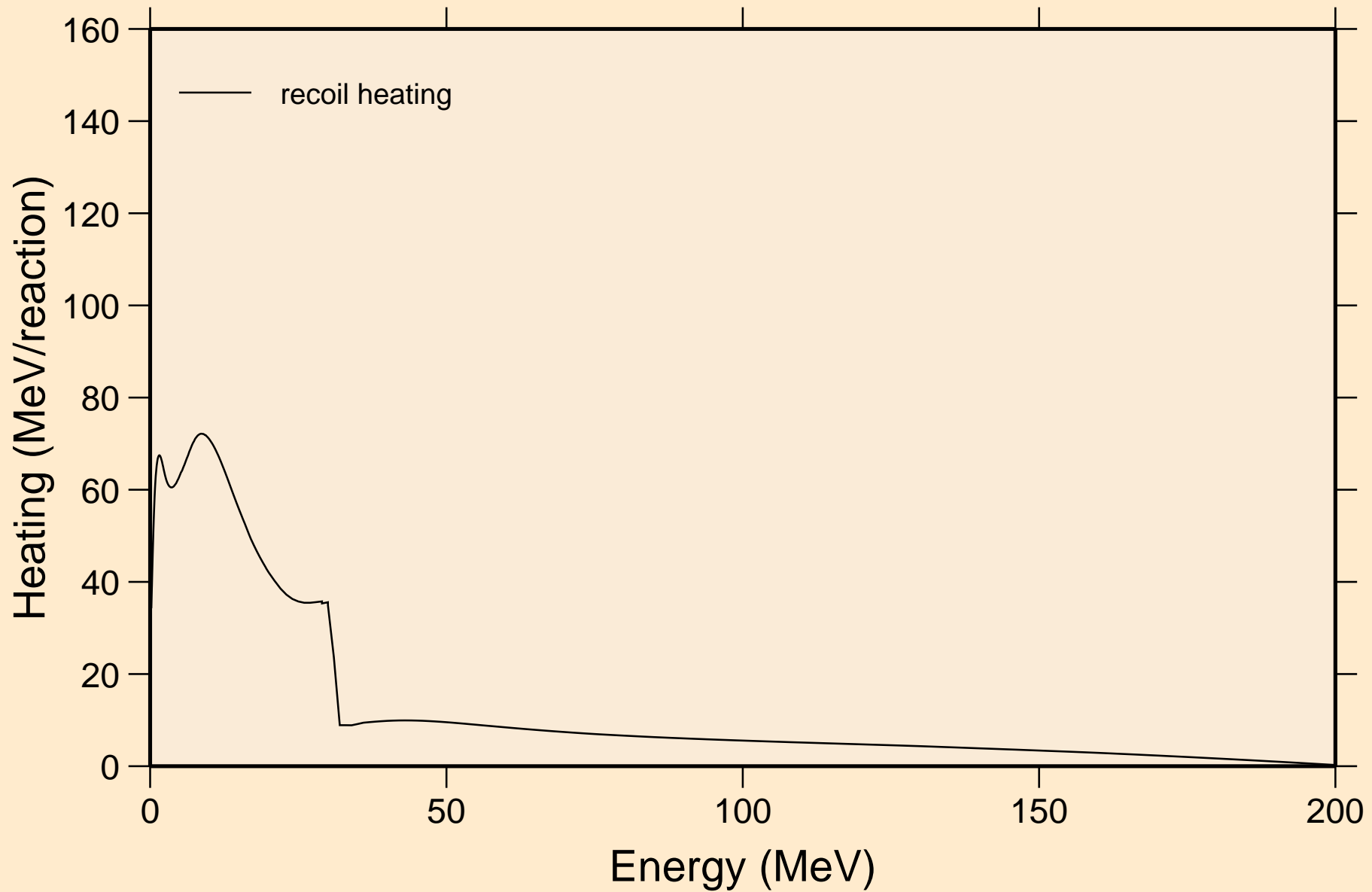
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



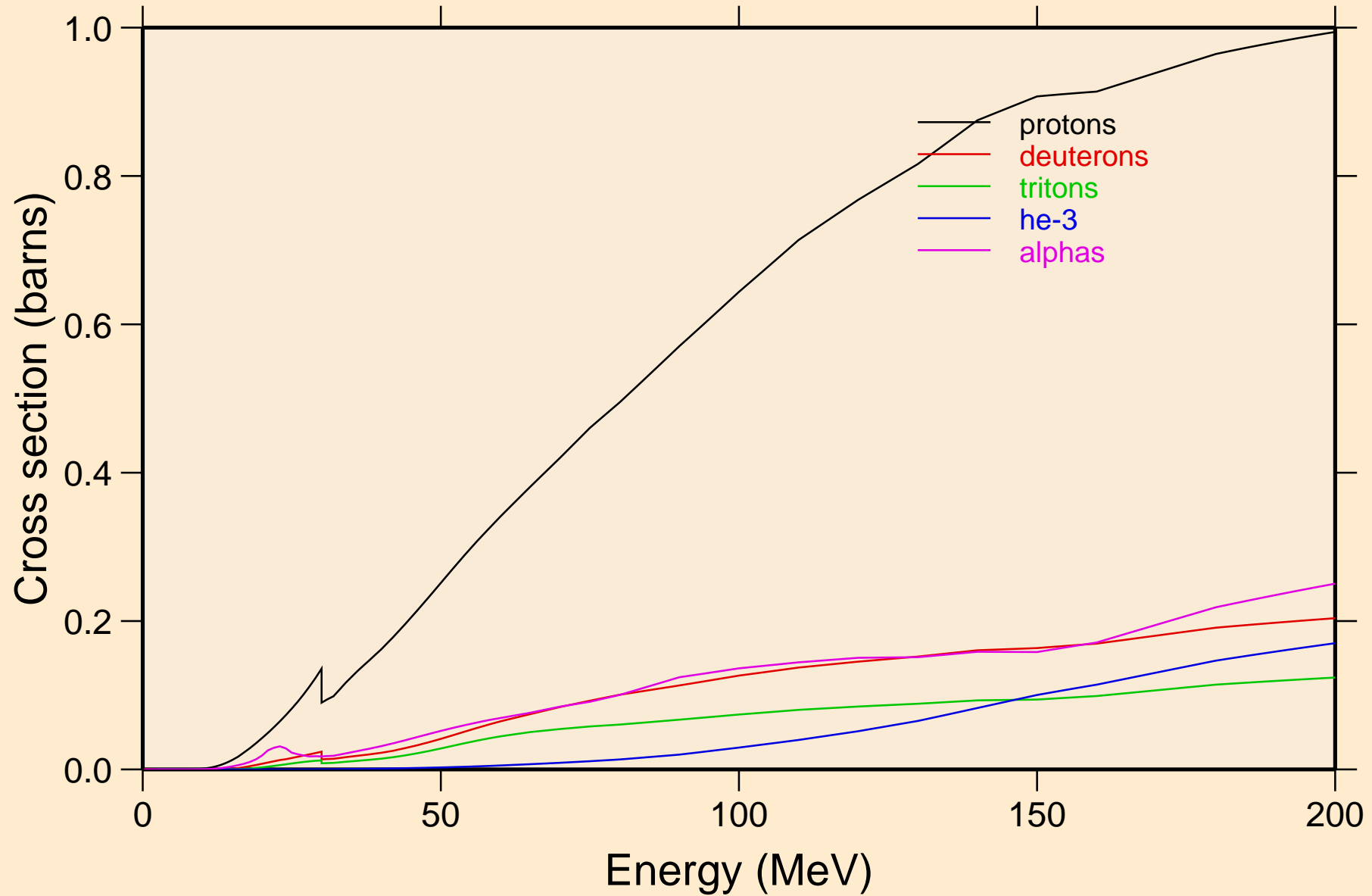
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



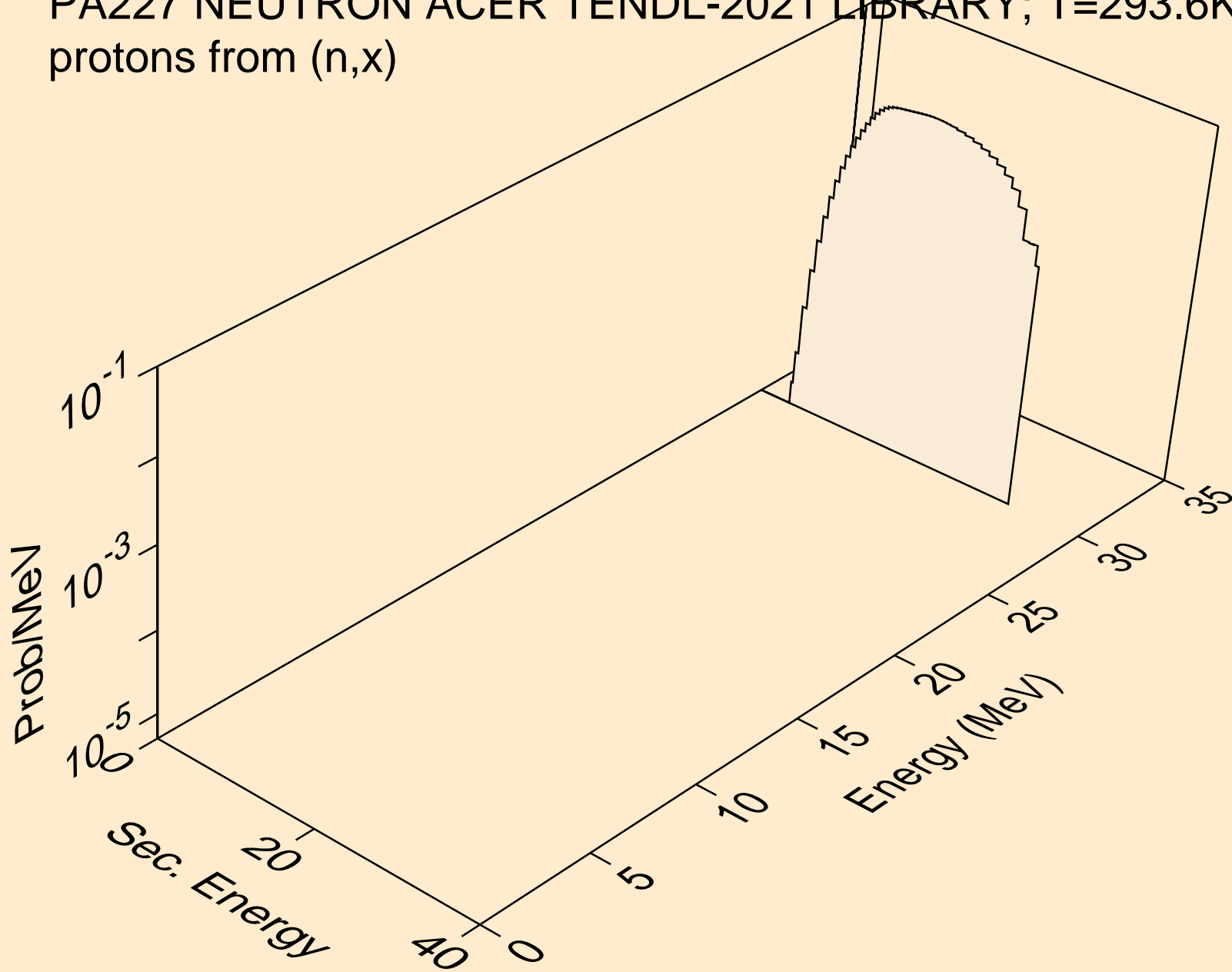
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

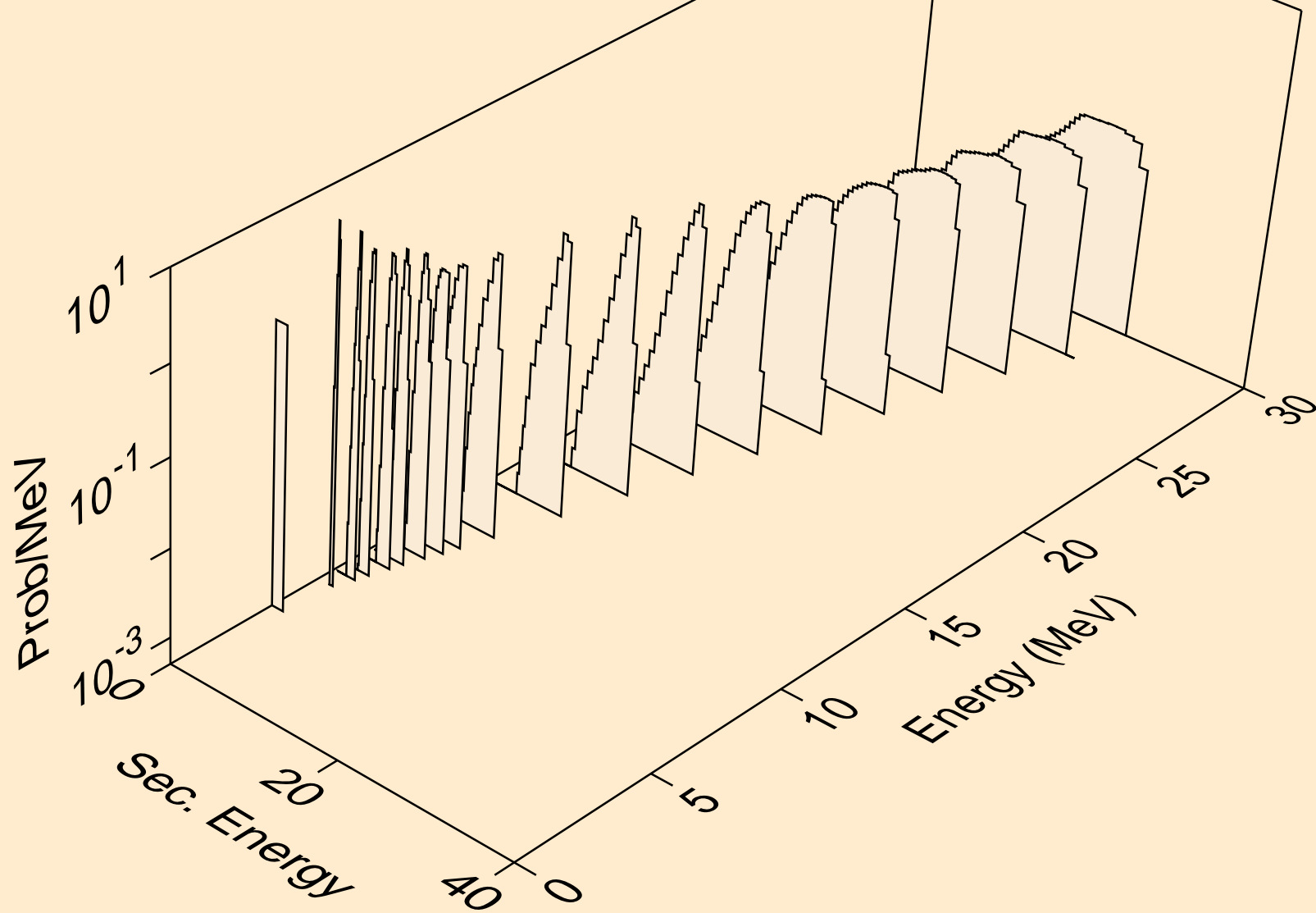


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

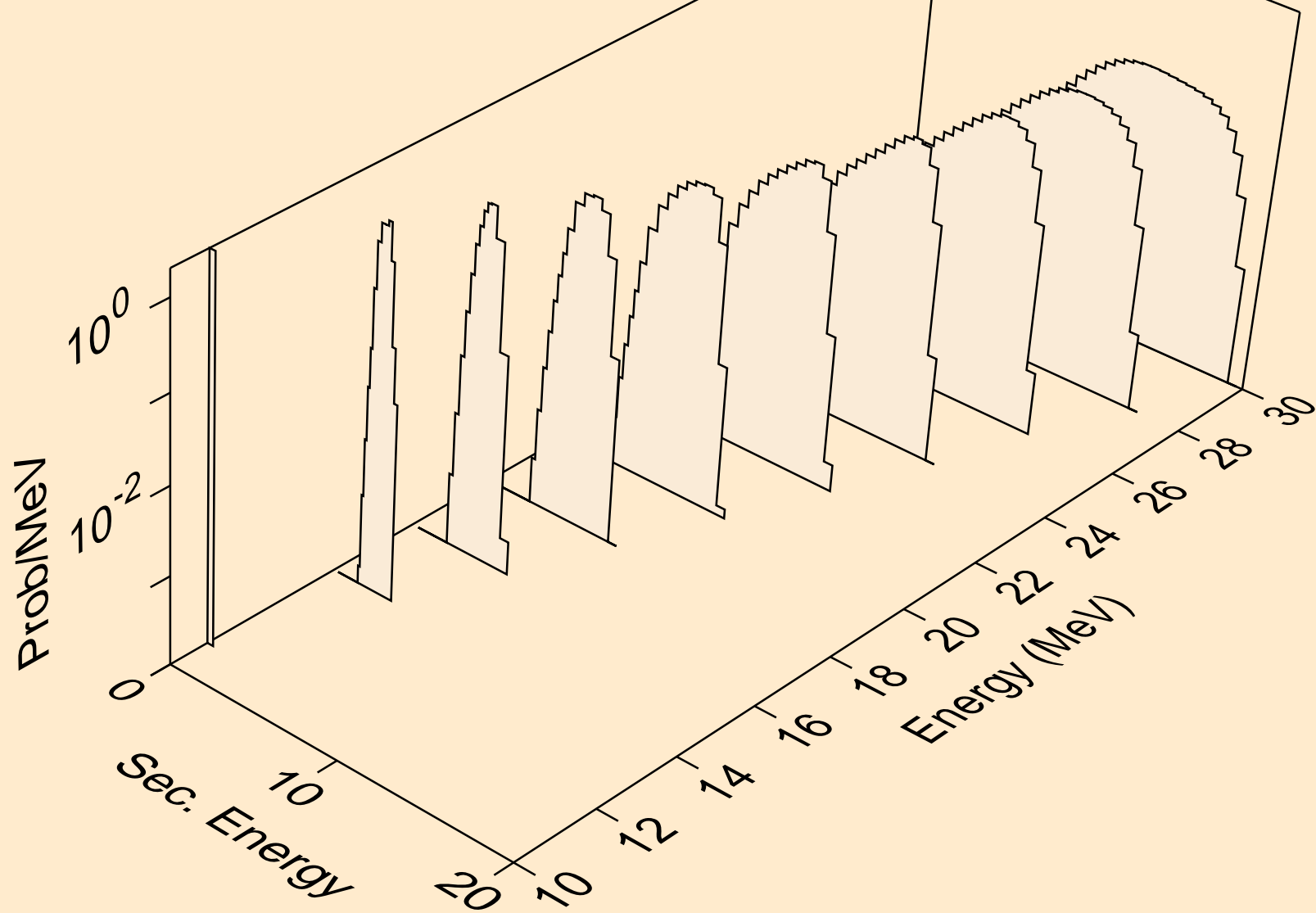




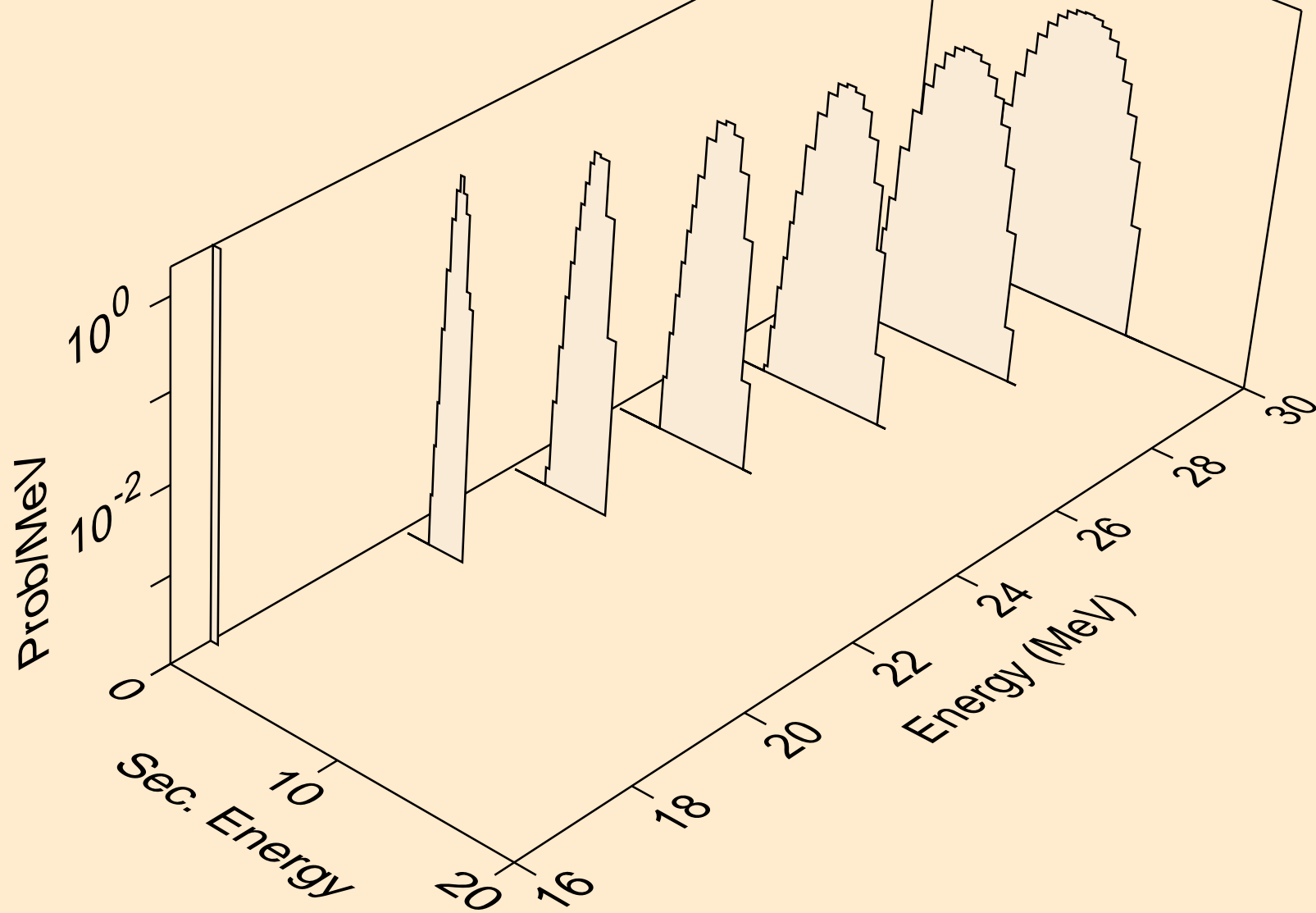
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



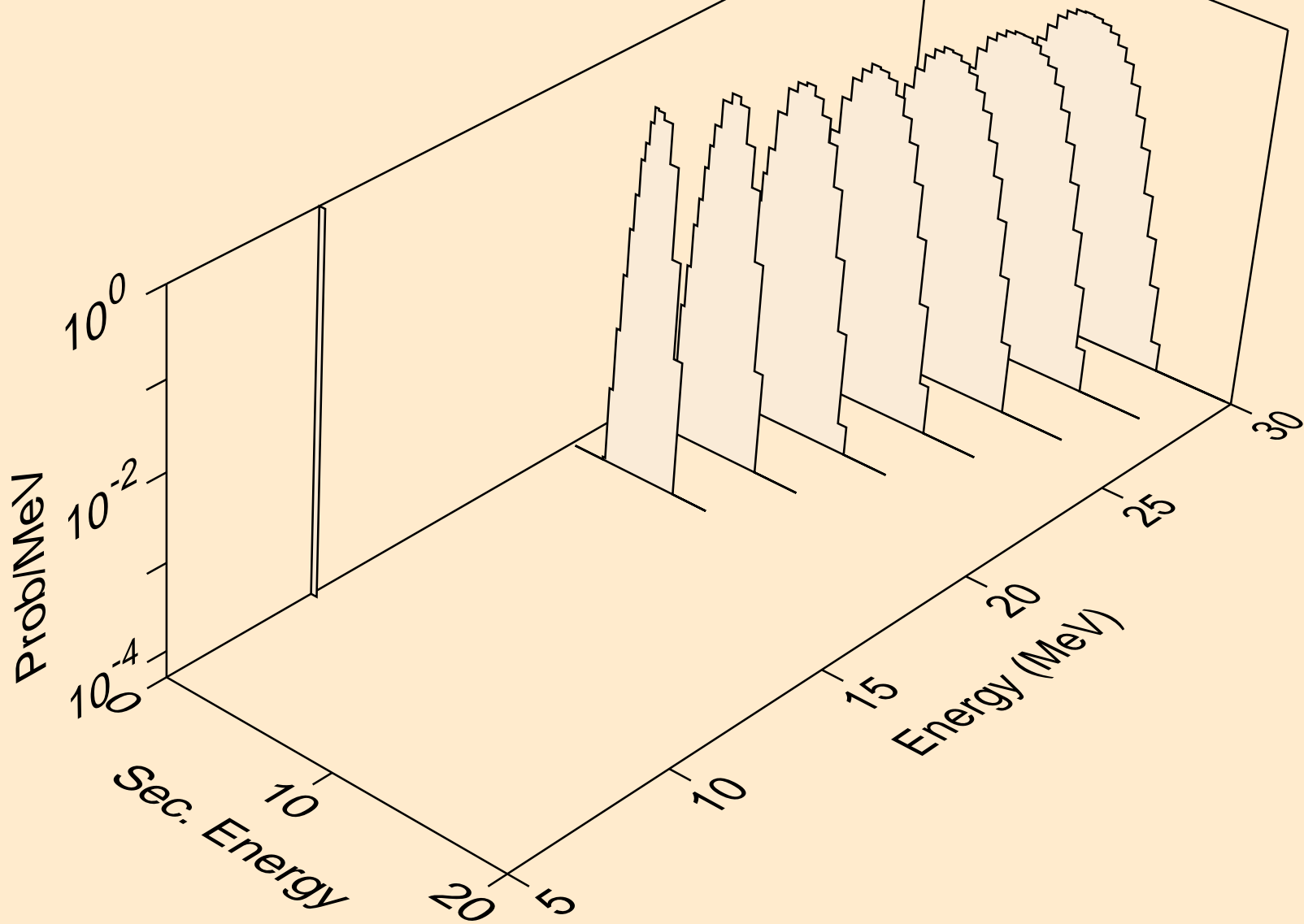
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



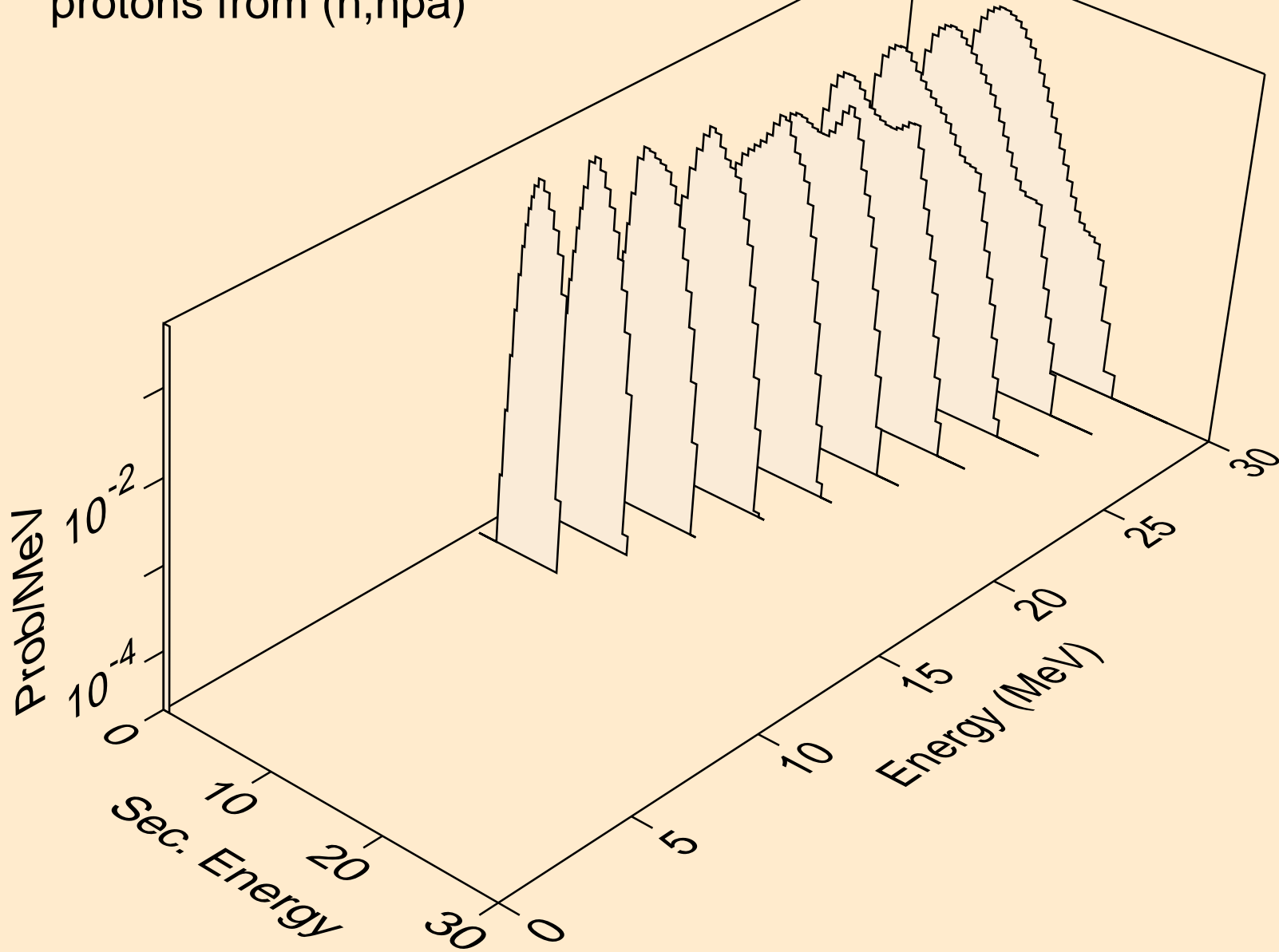
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



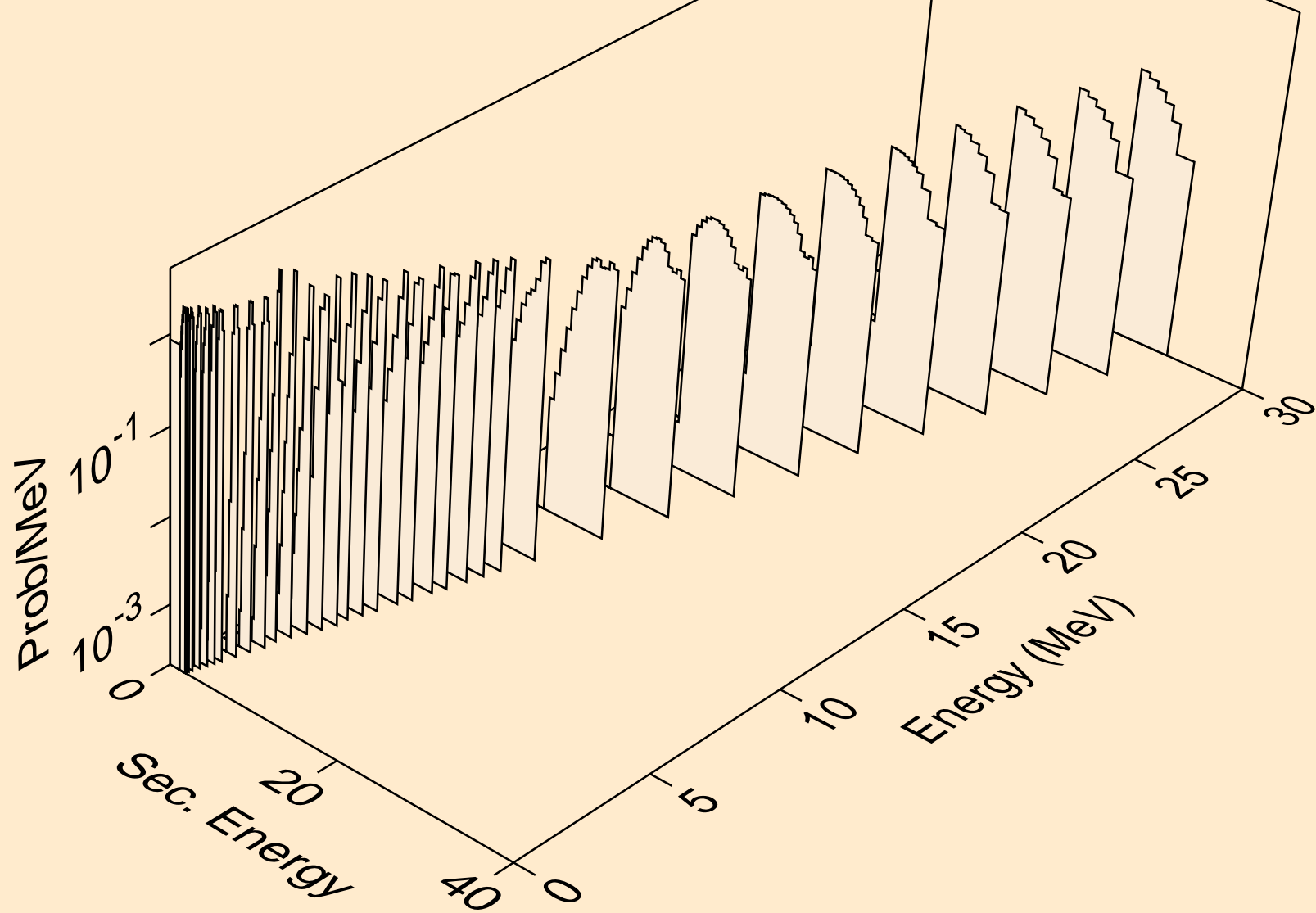
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



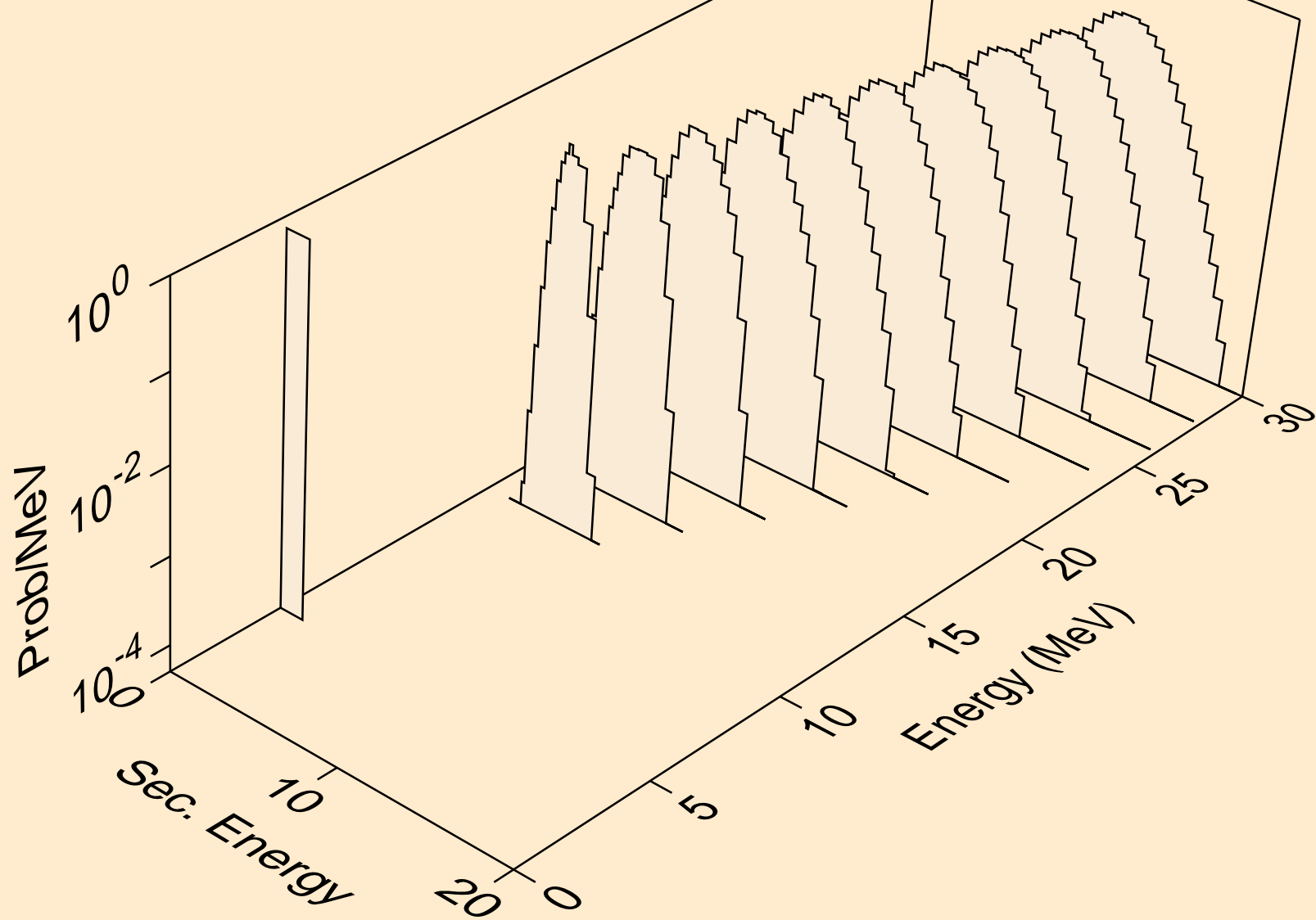
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



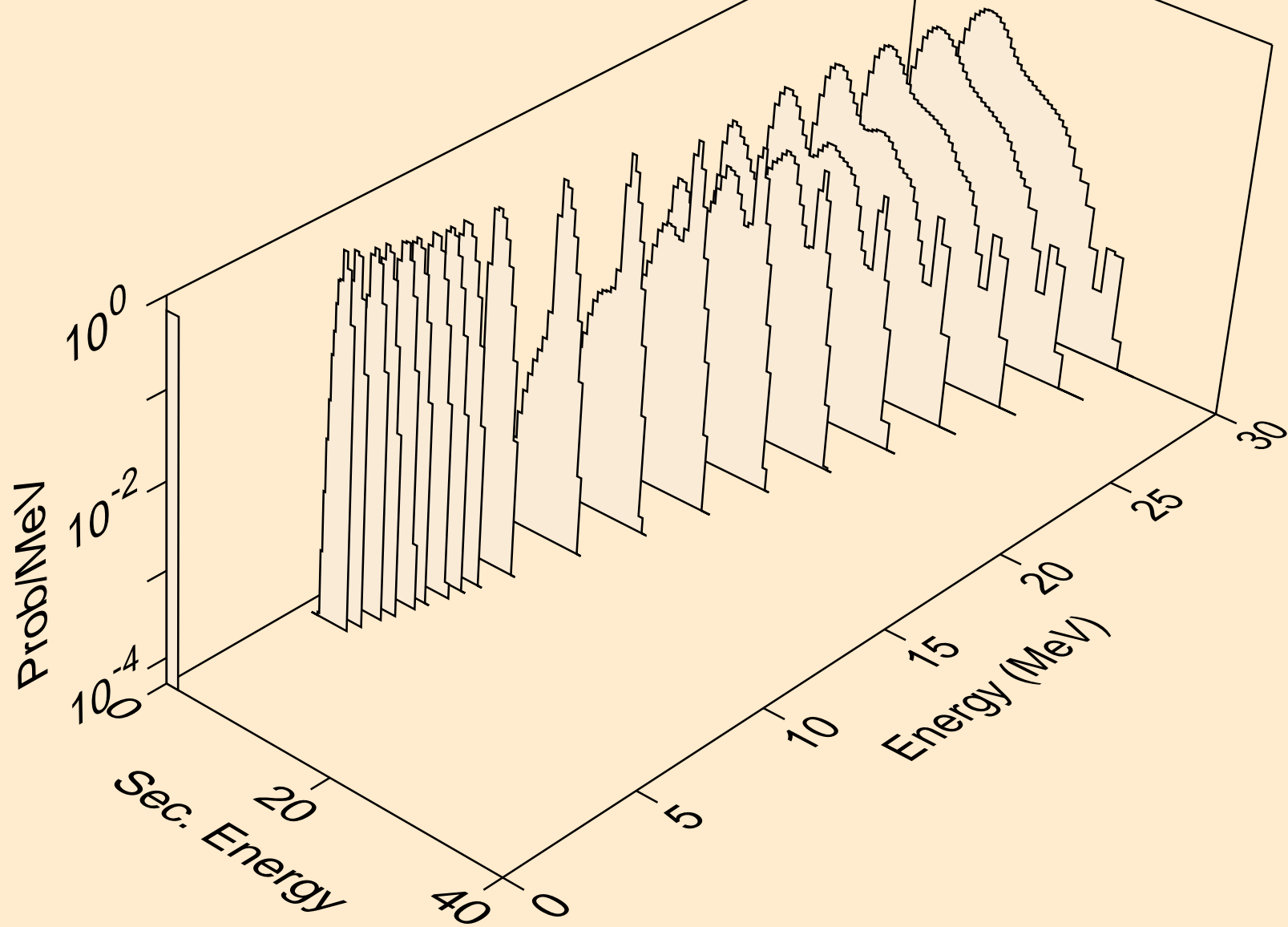
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

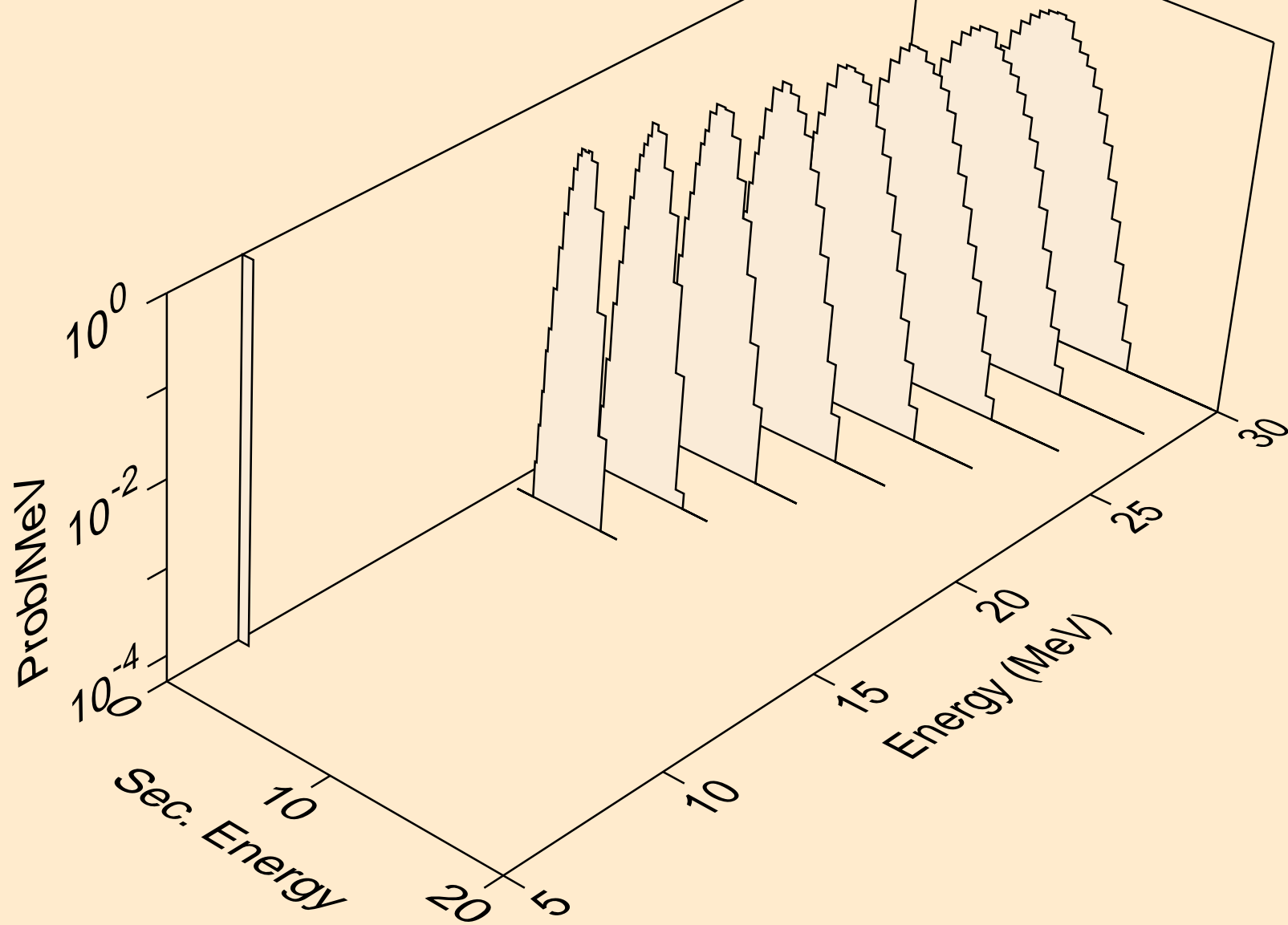


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pa)

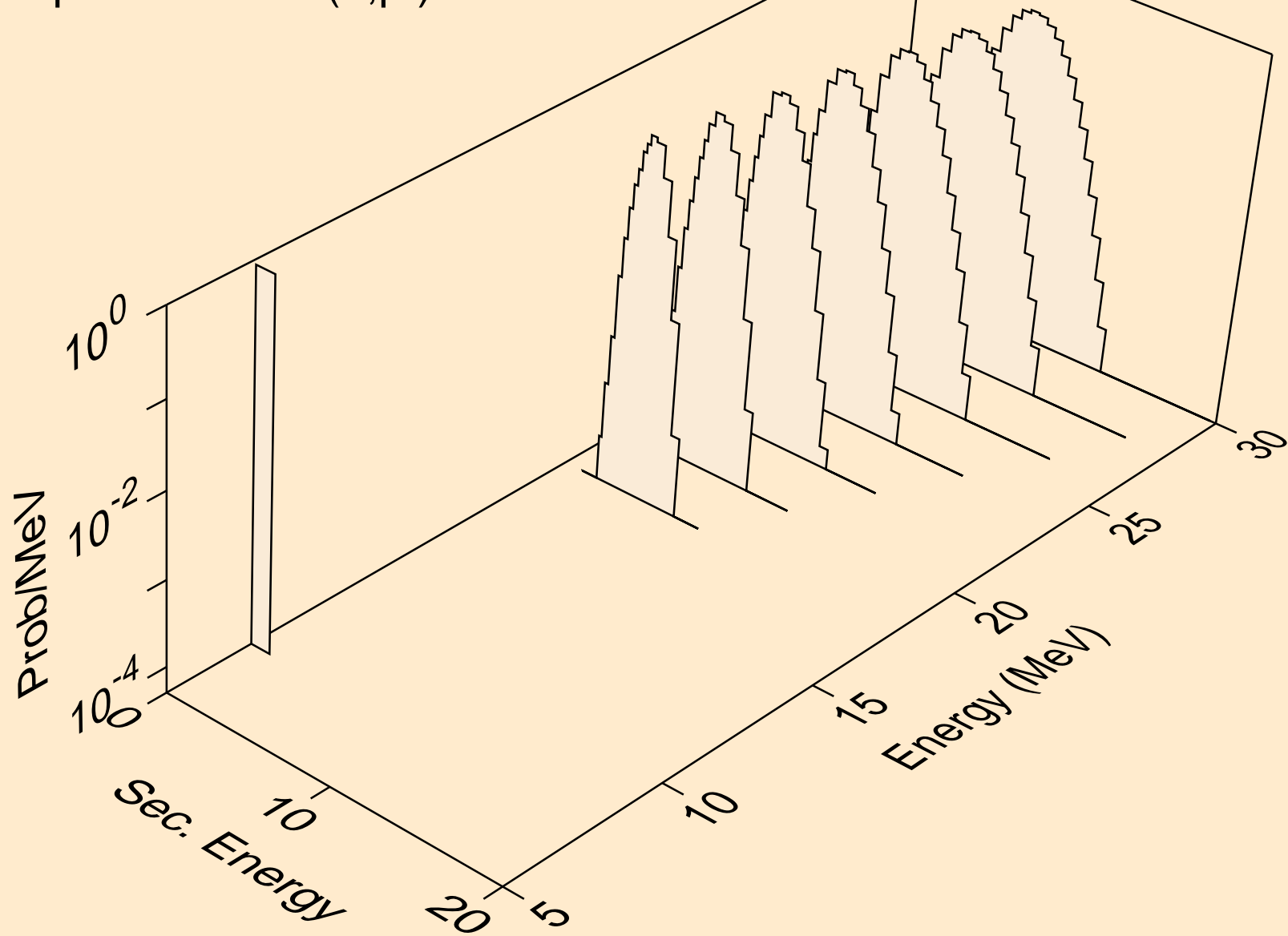




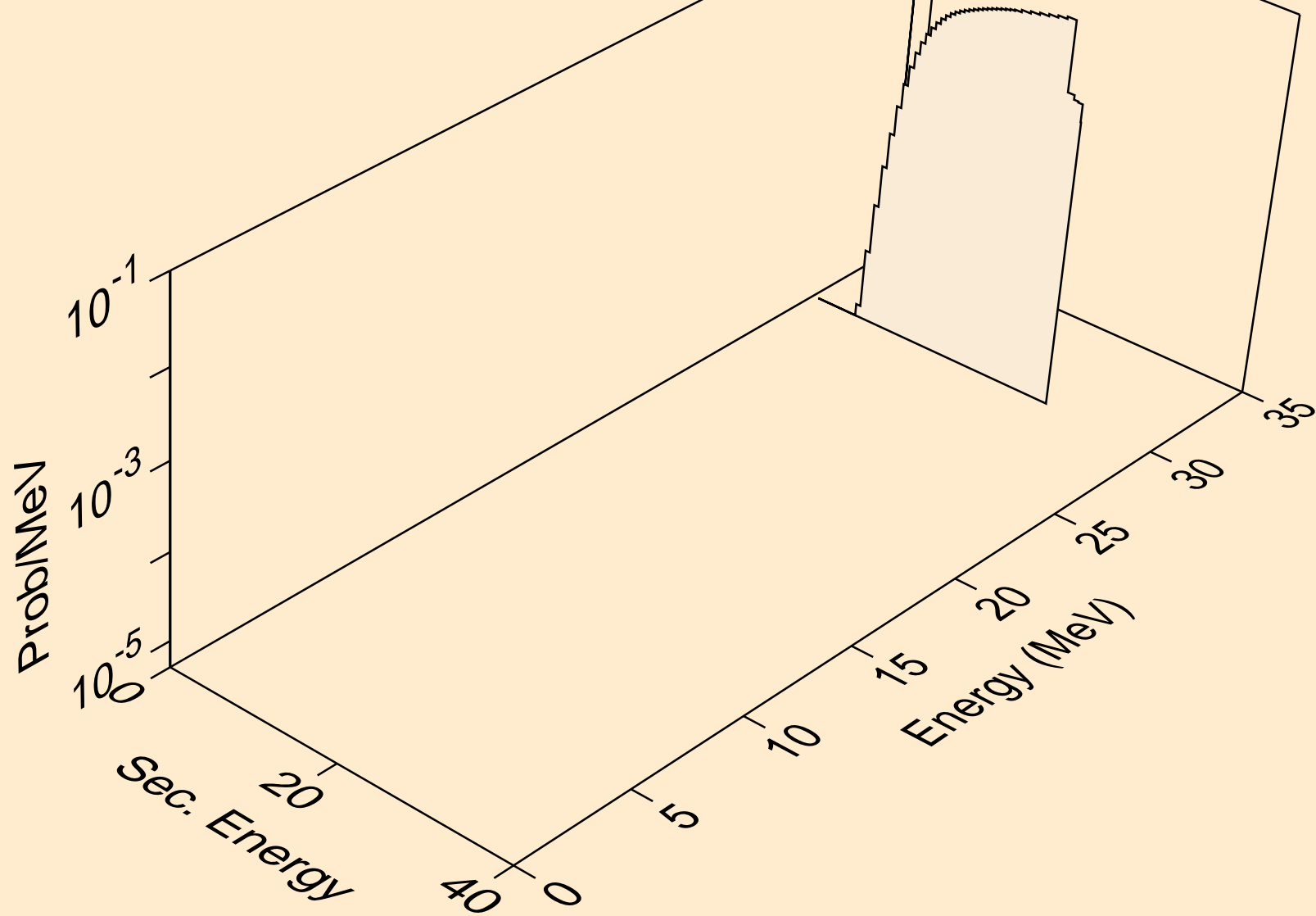
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



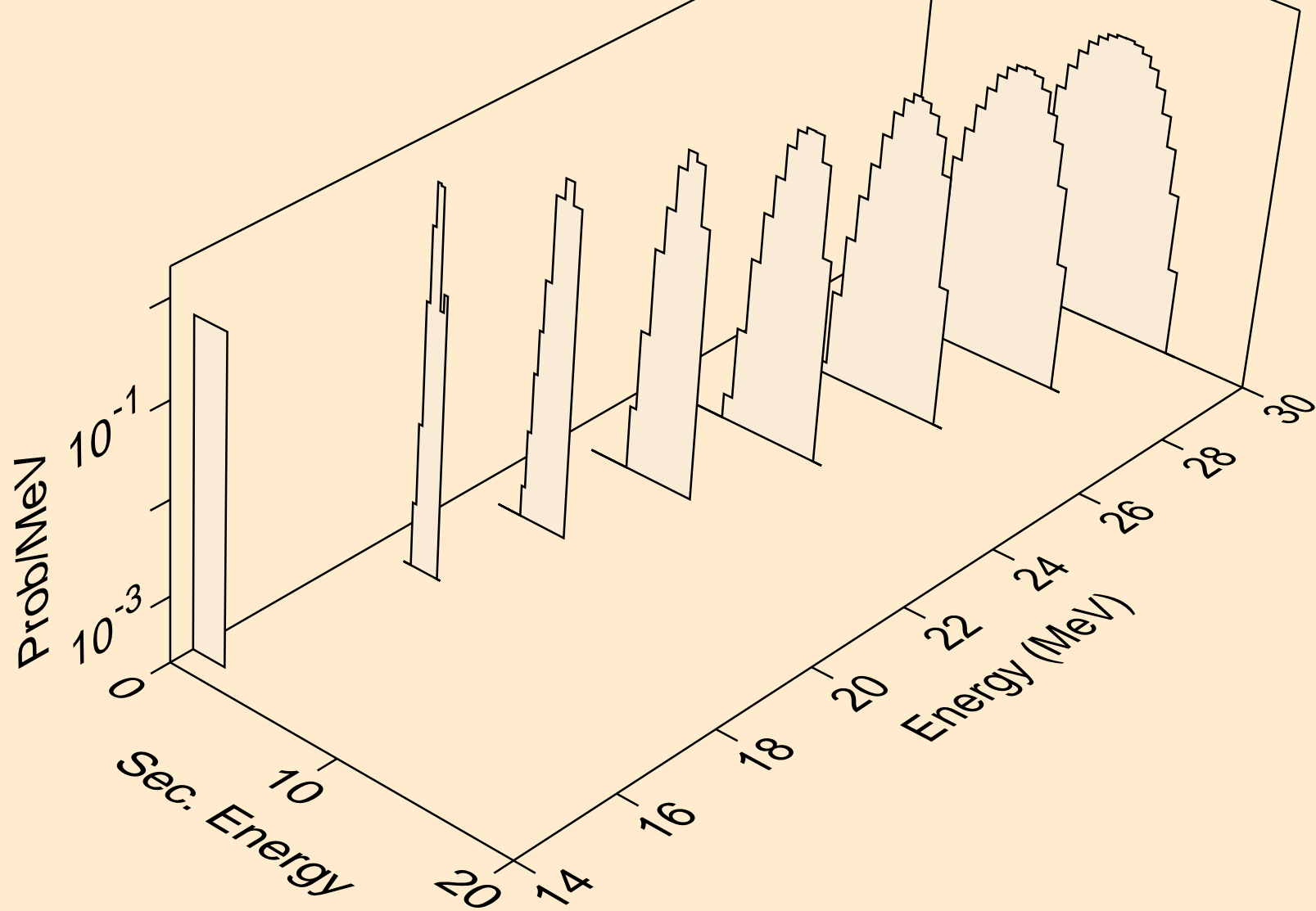
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



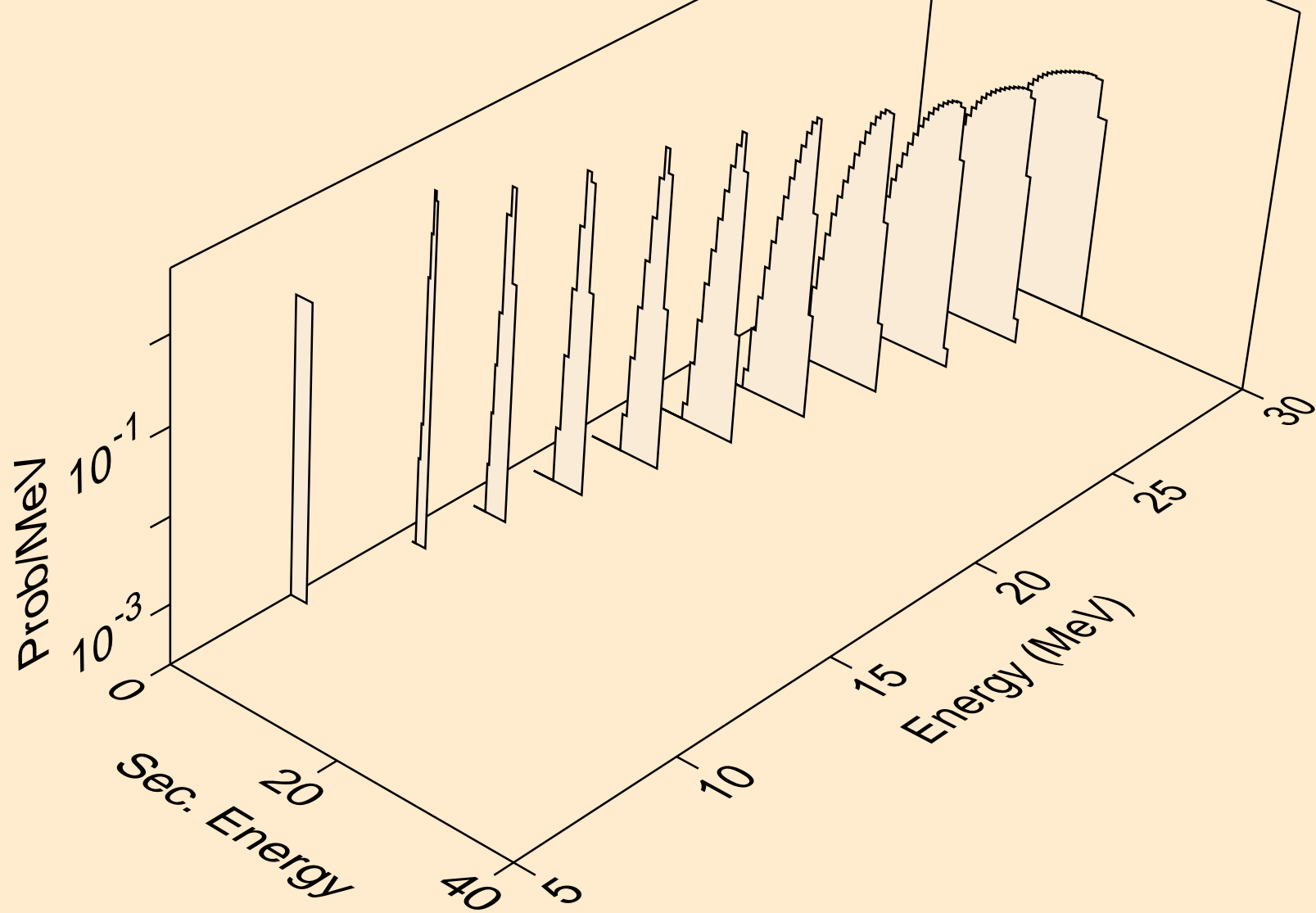
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



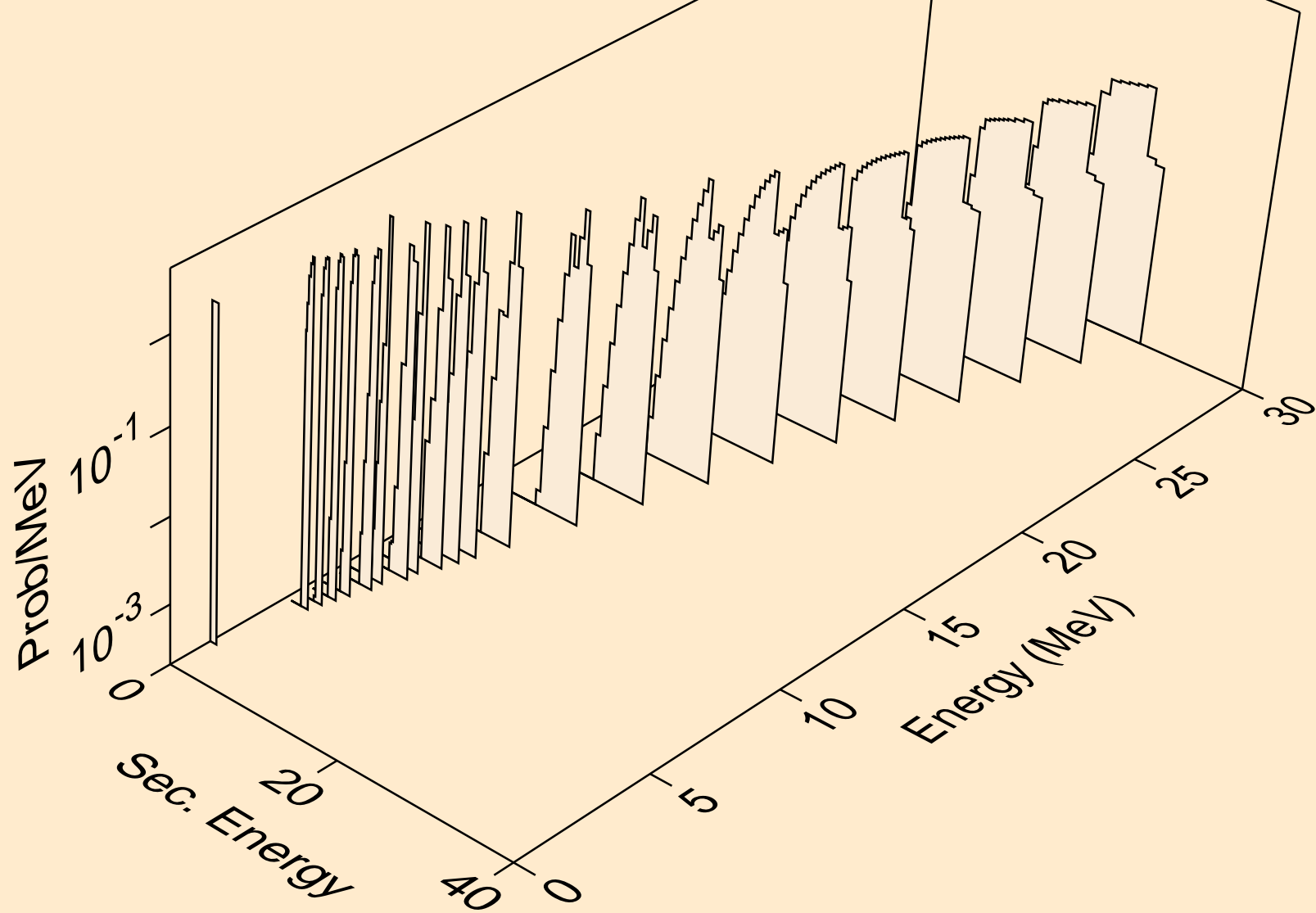
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



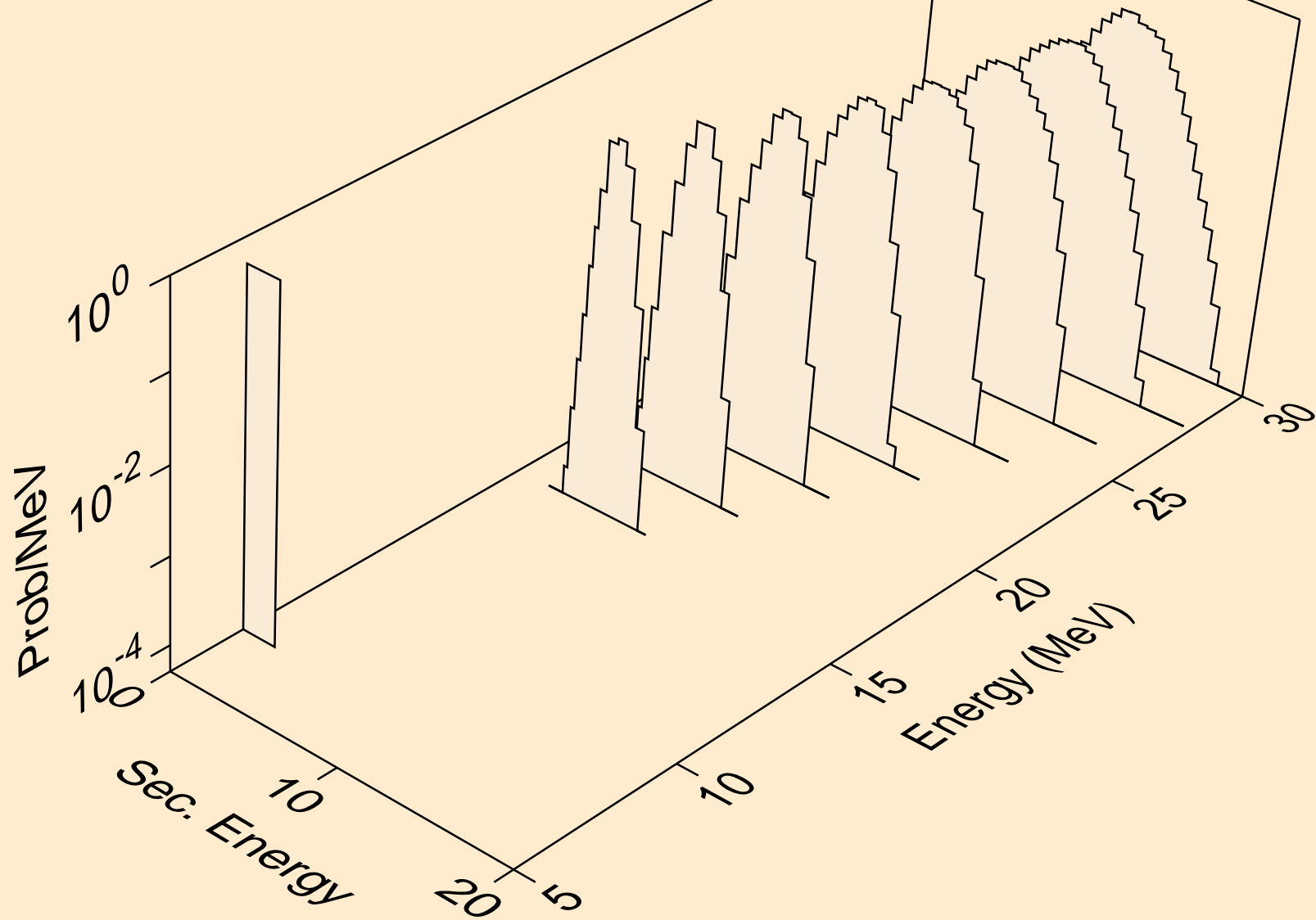
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



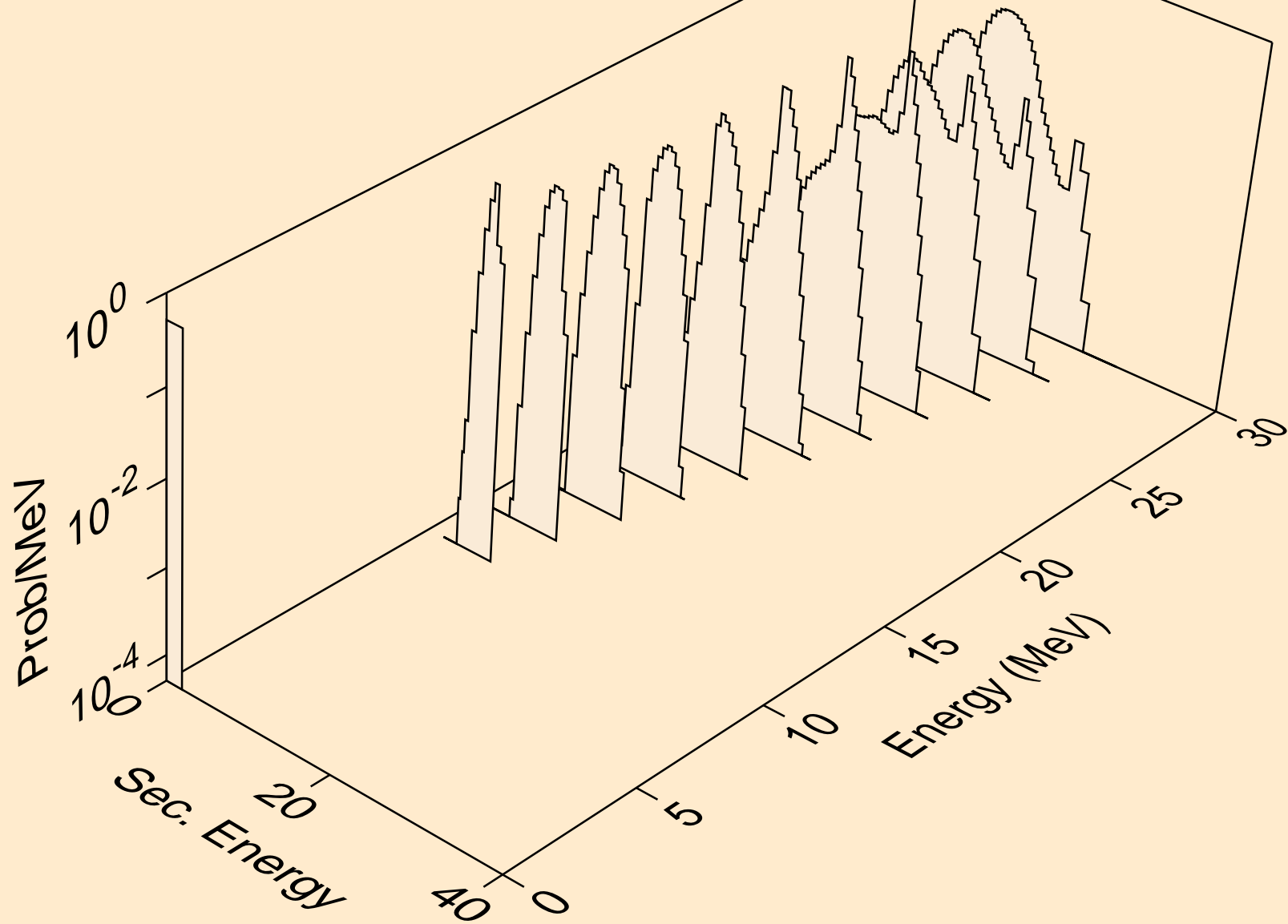
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

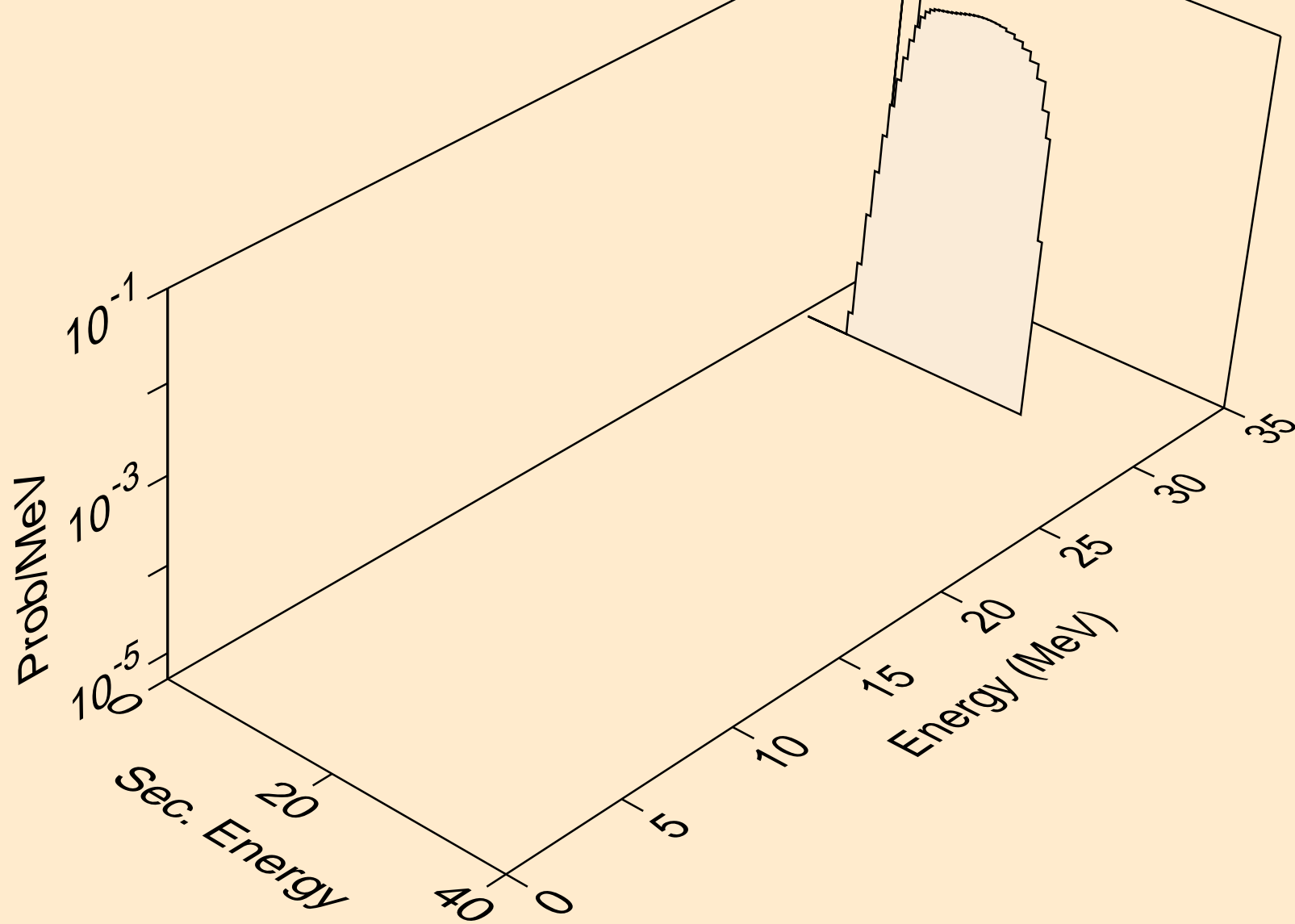


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

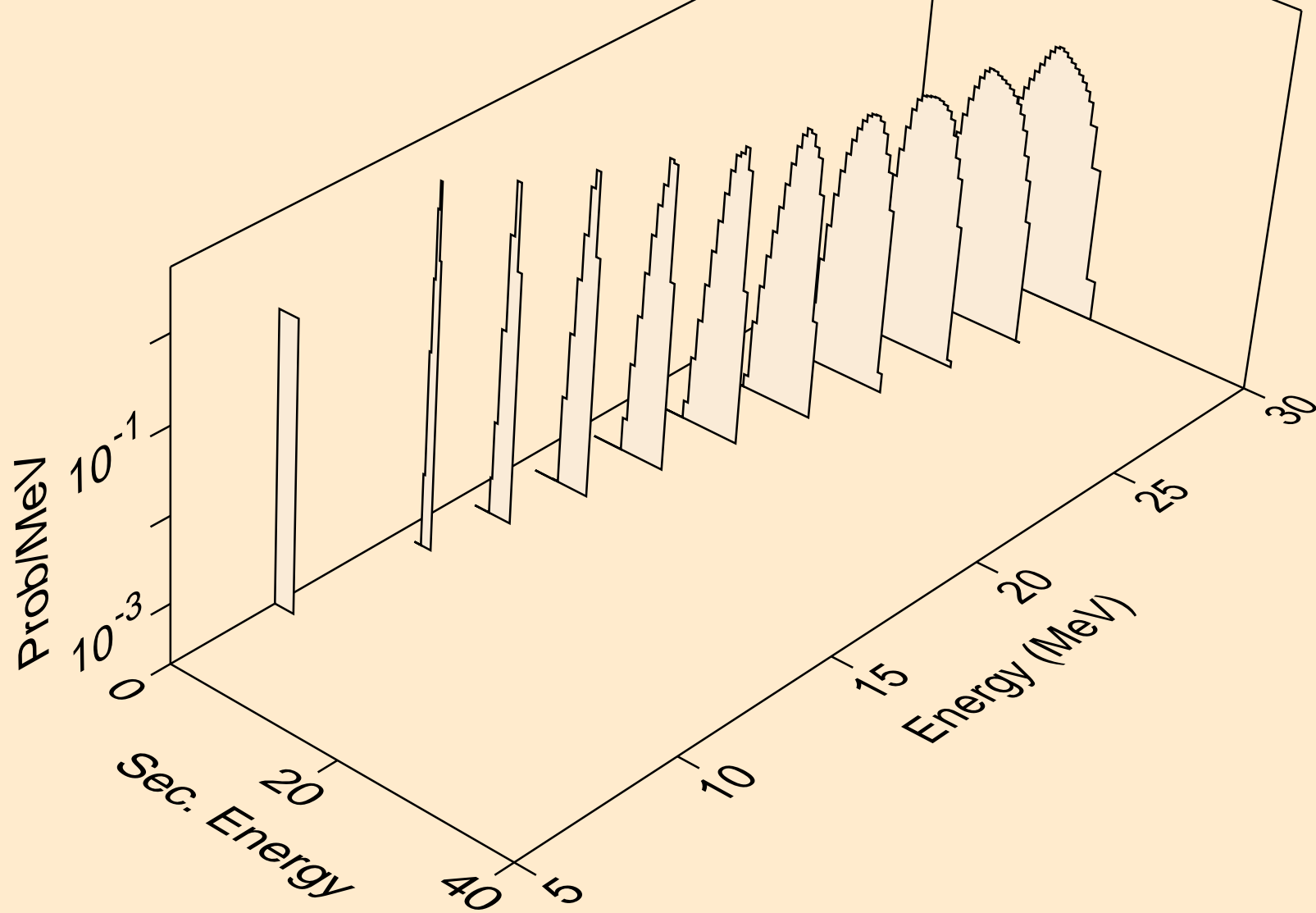




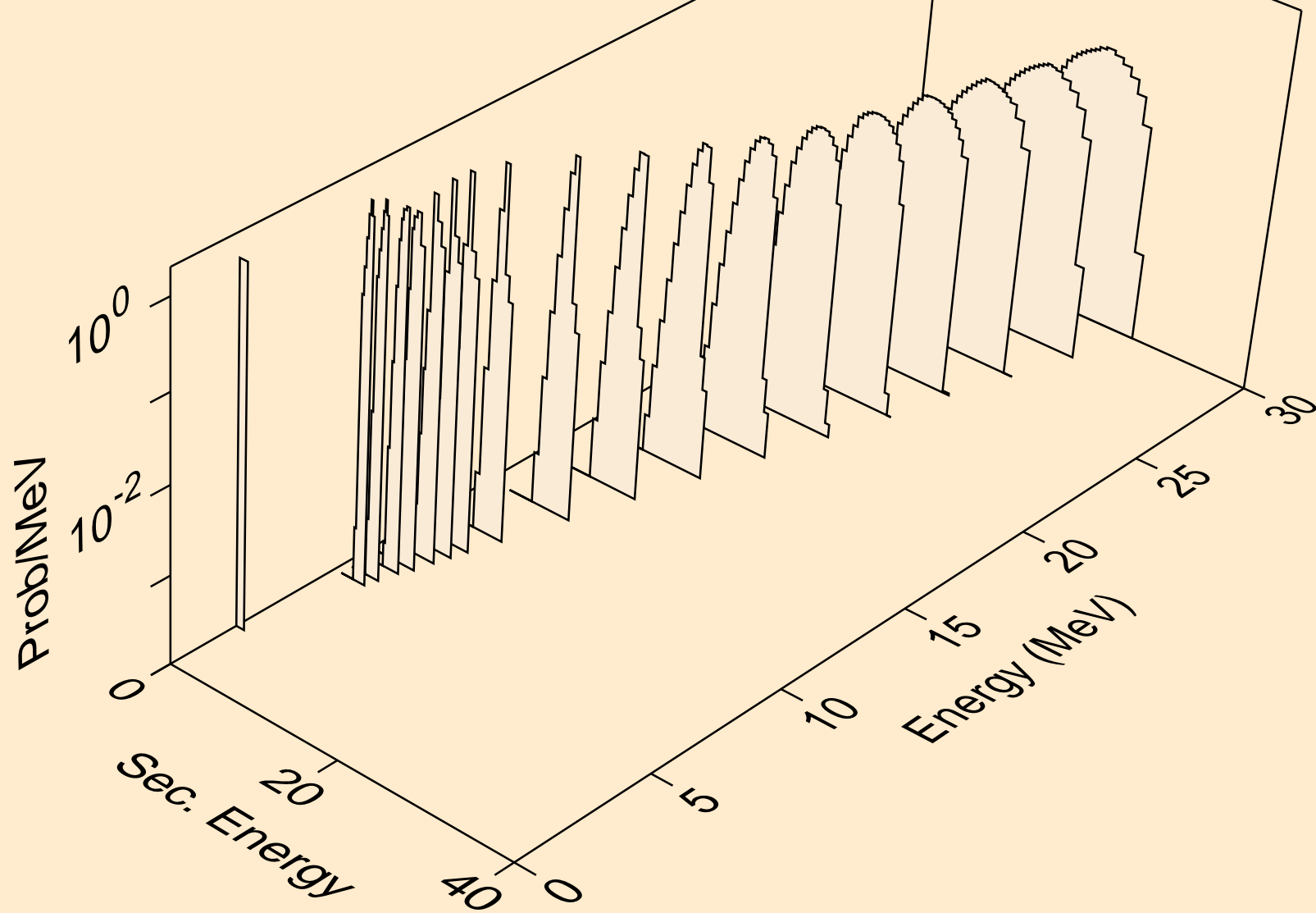
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



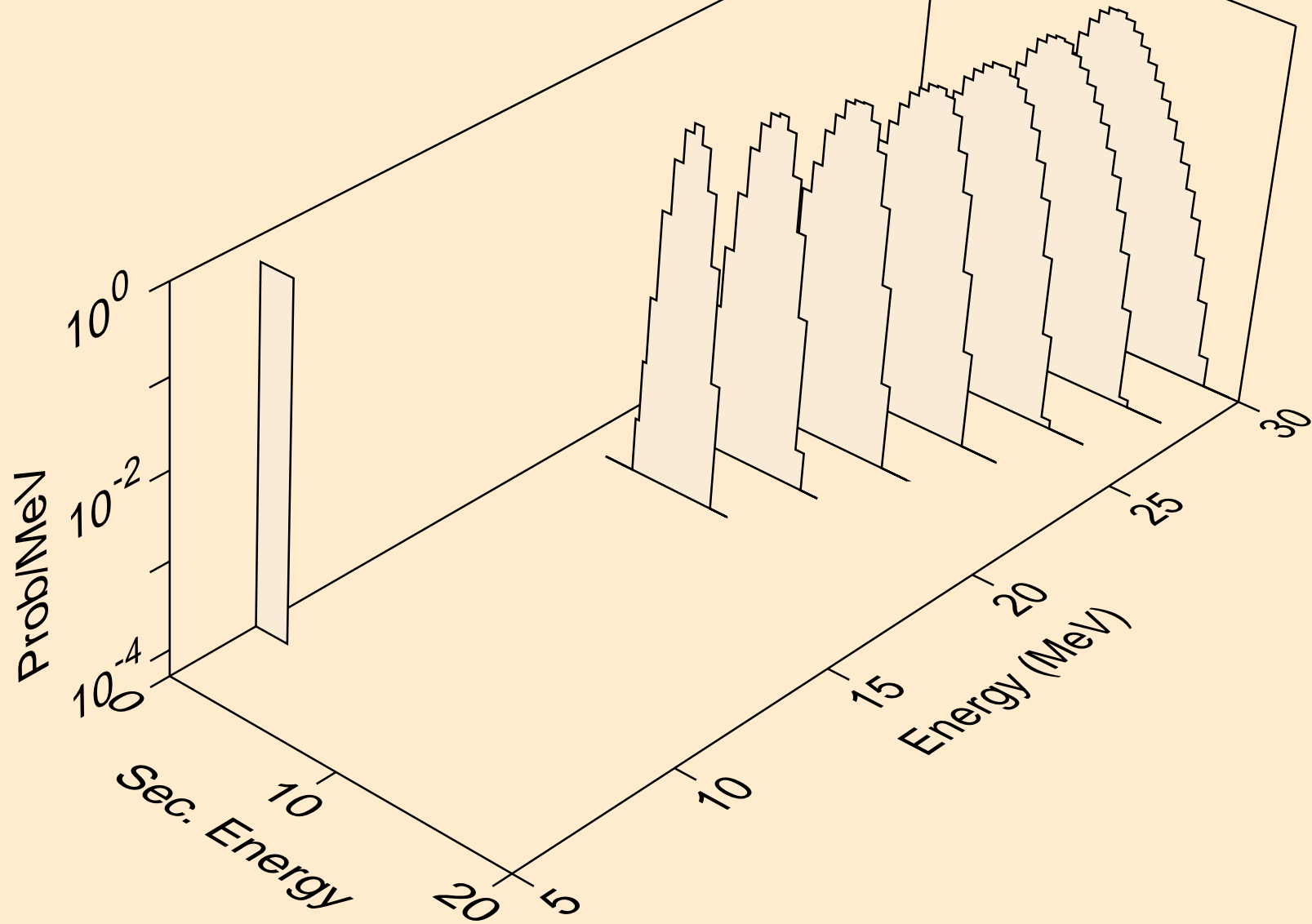
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



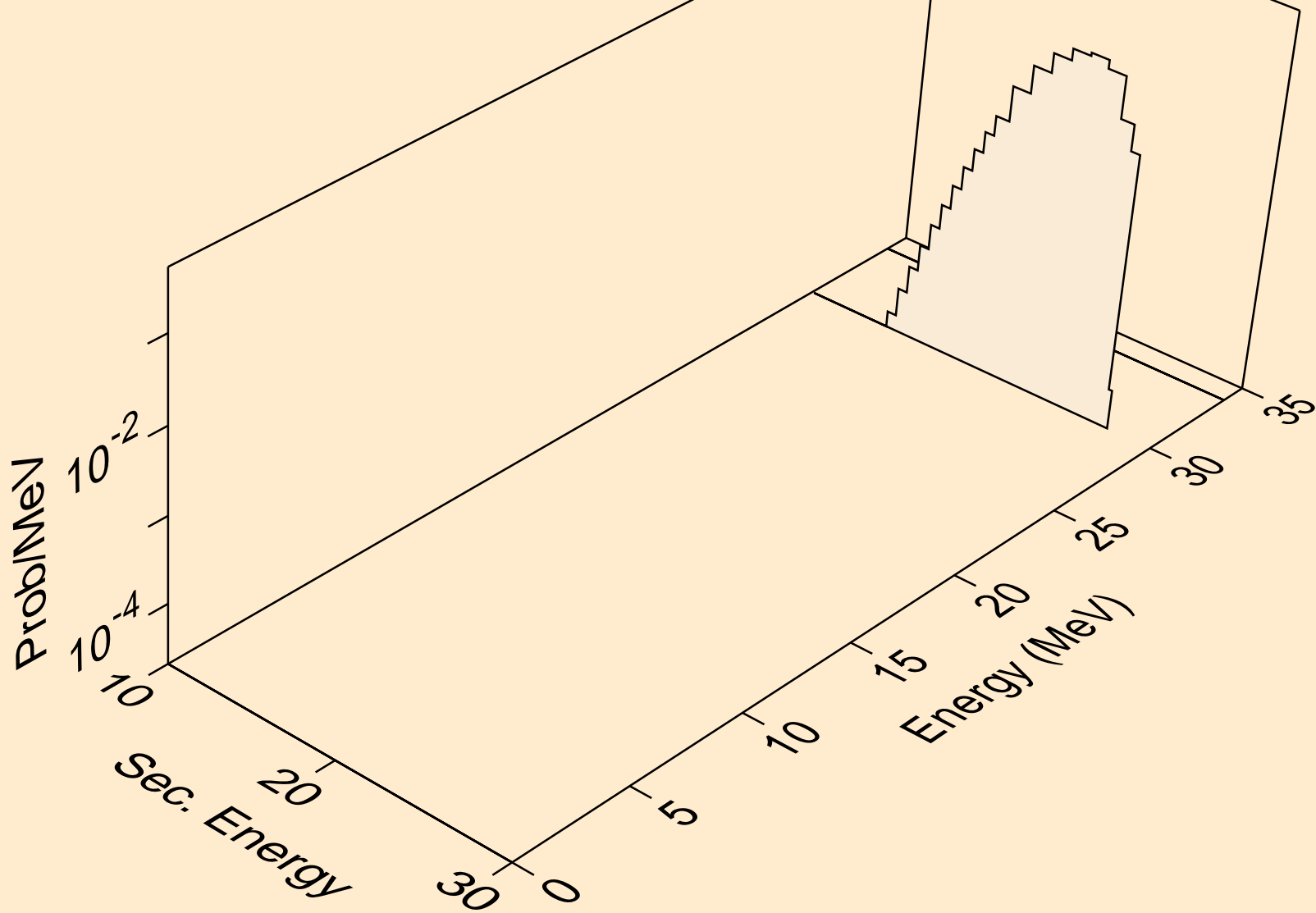
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



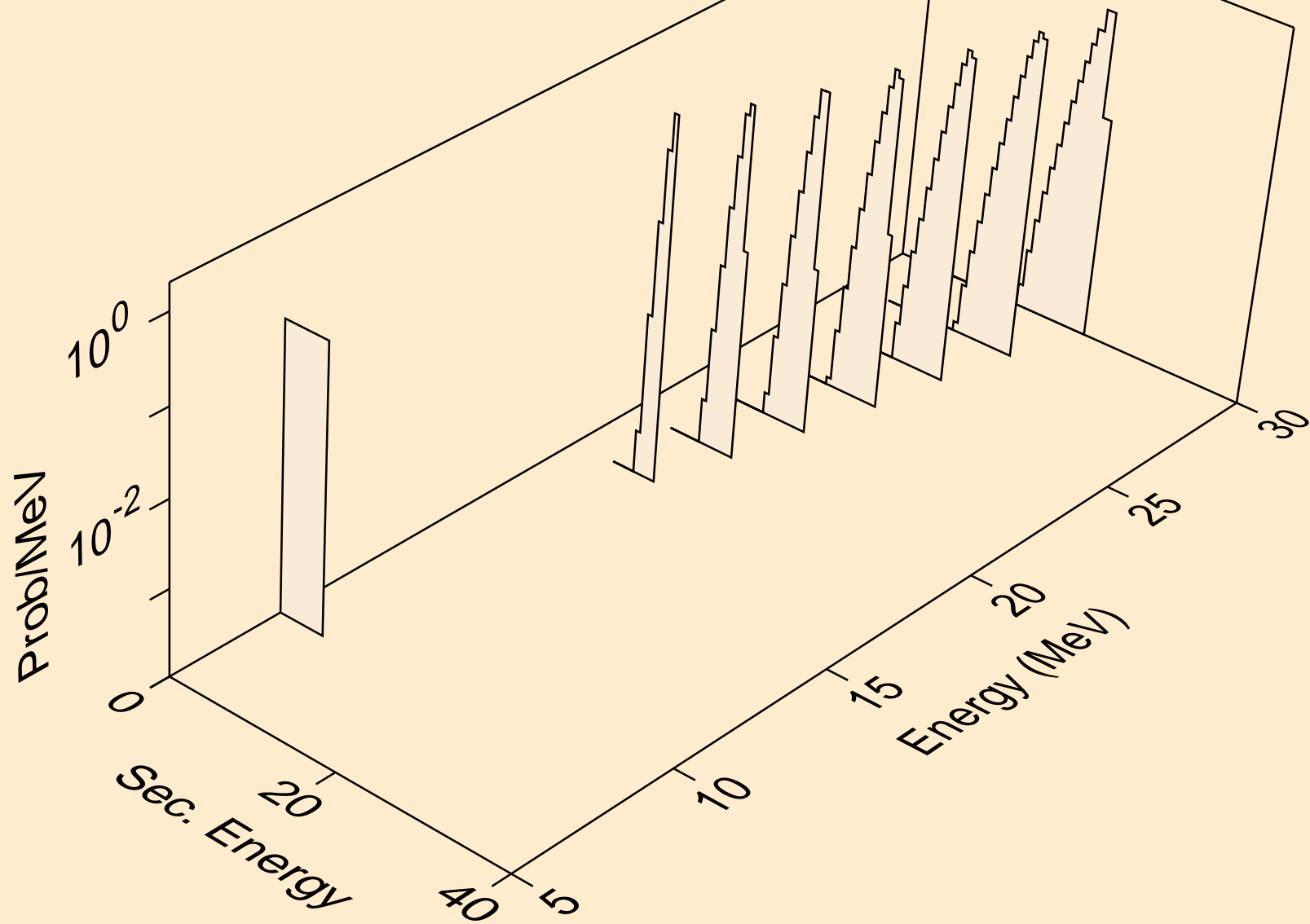
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



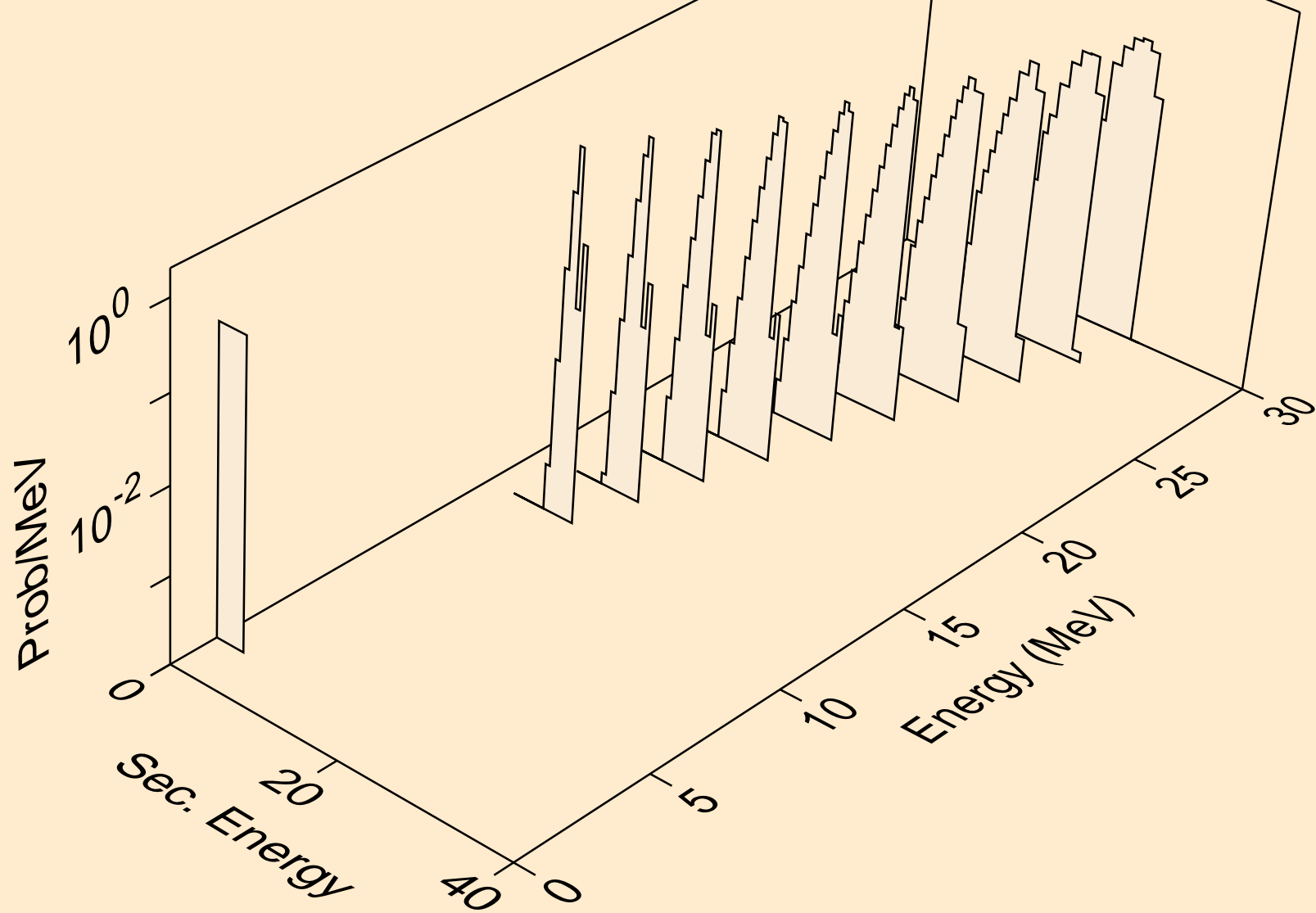
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



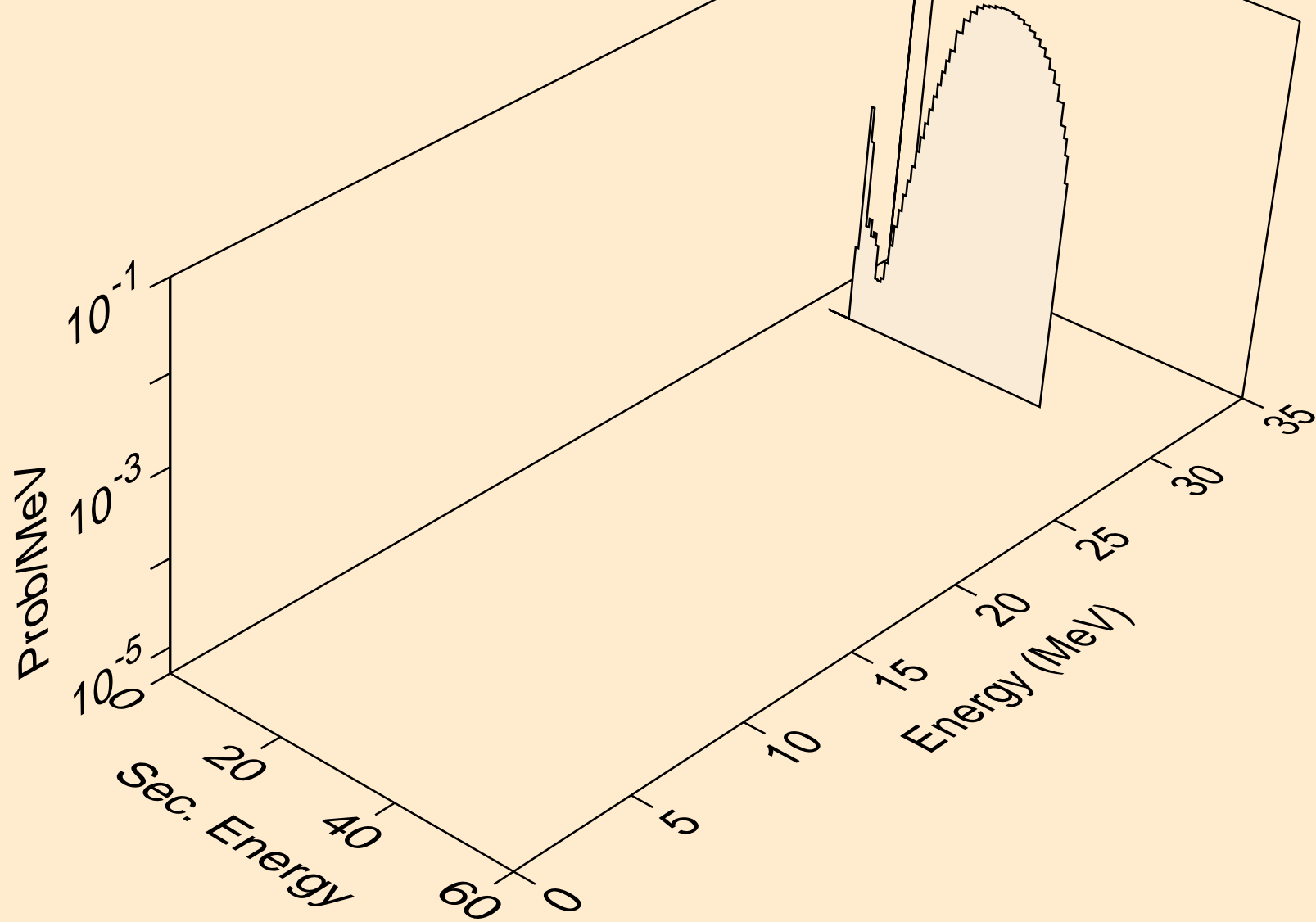
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

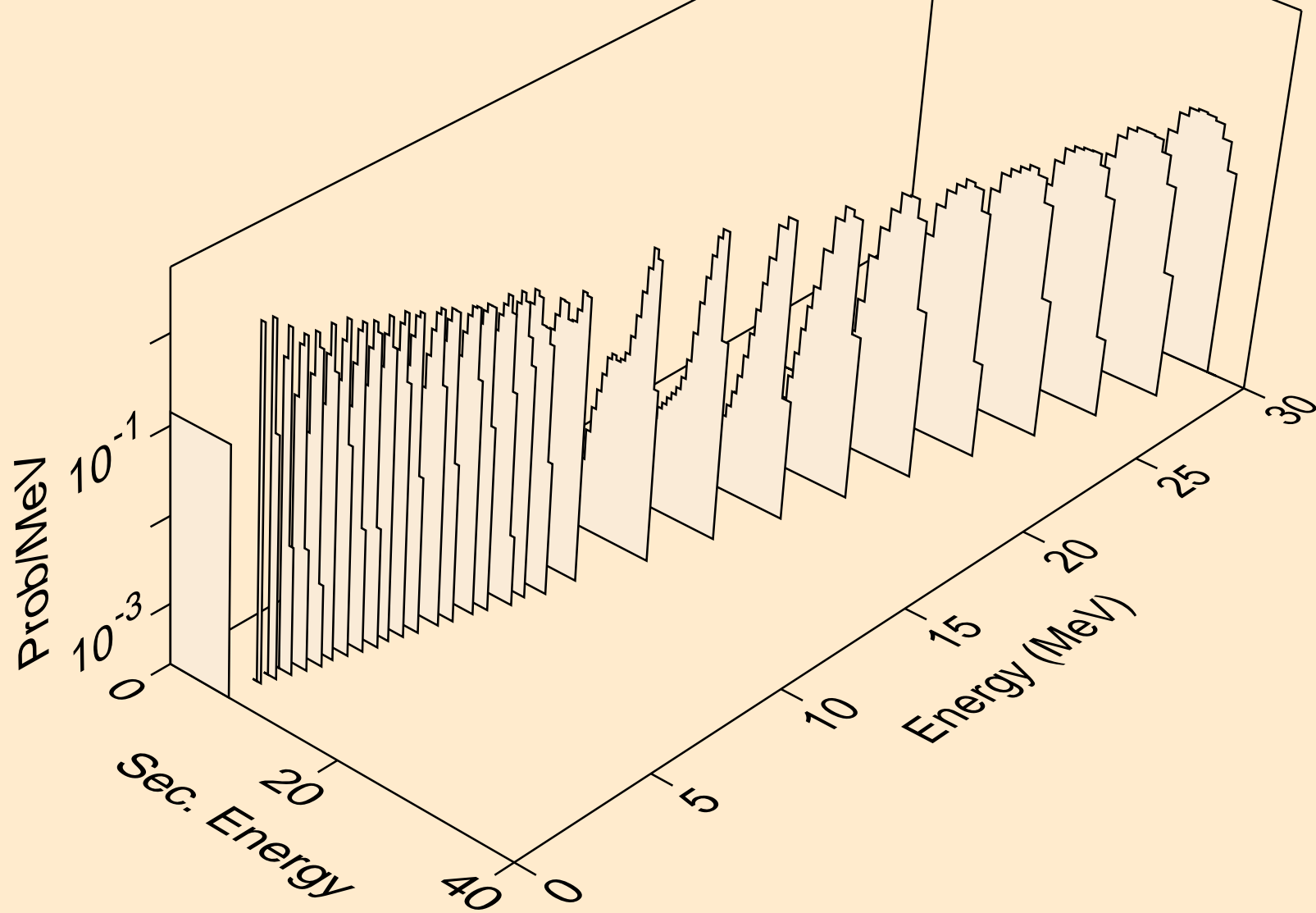


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

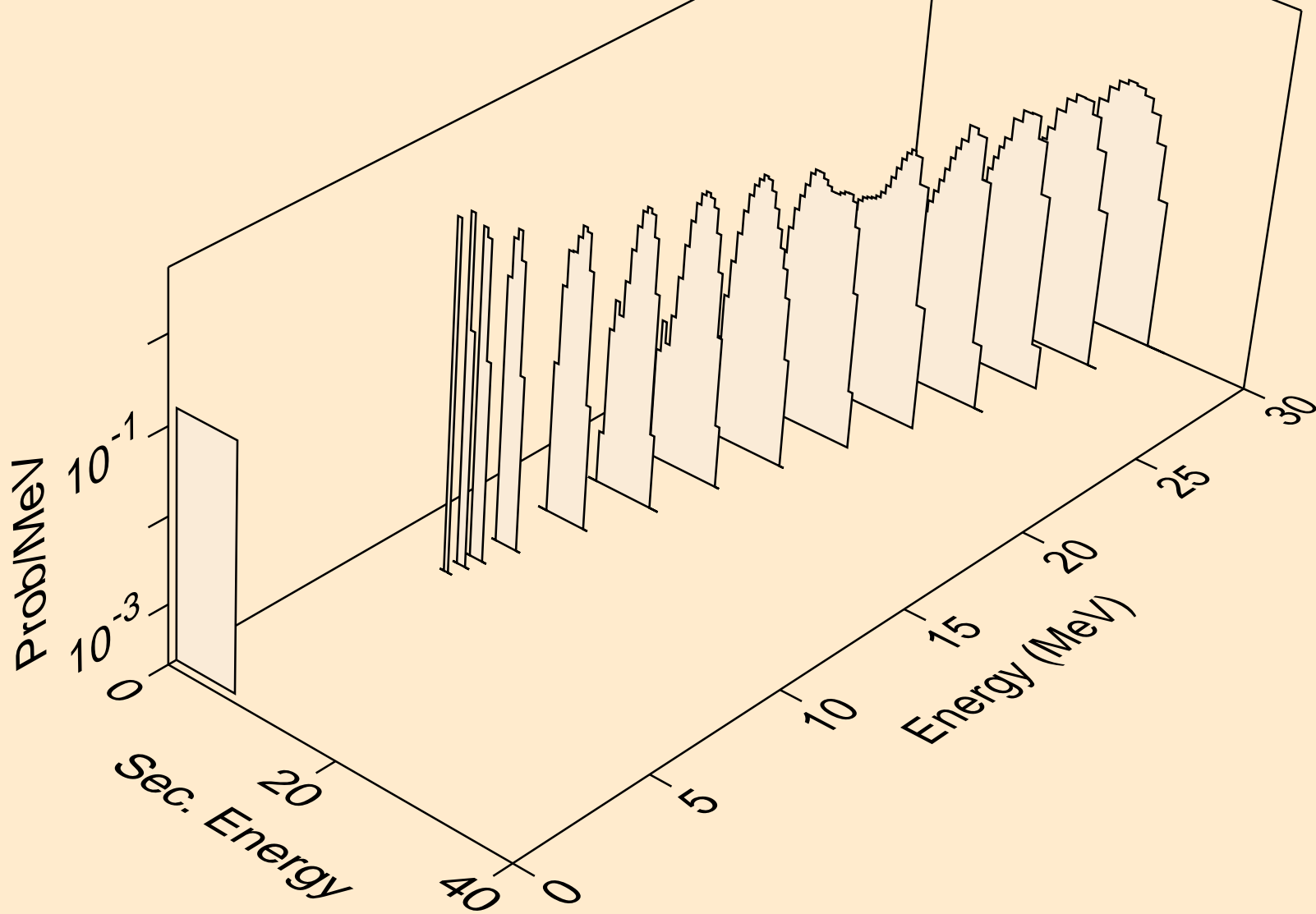




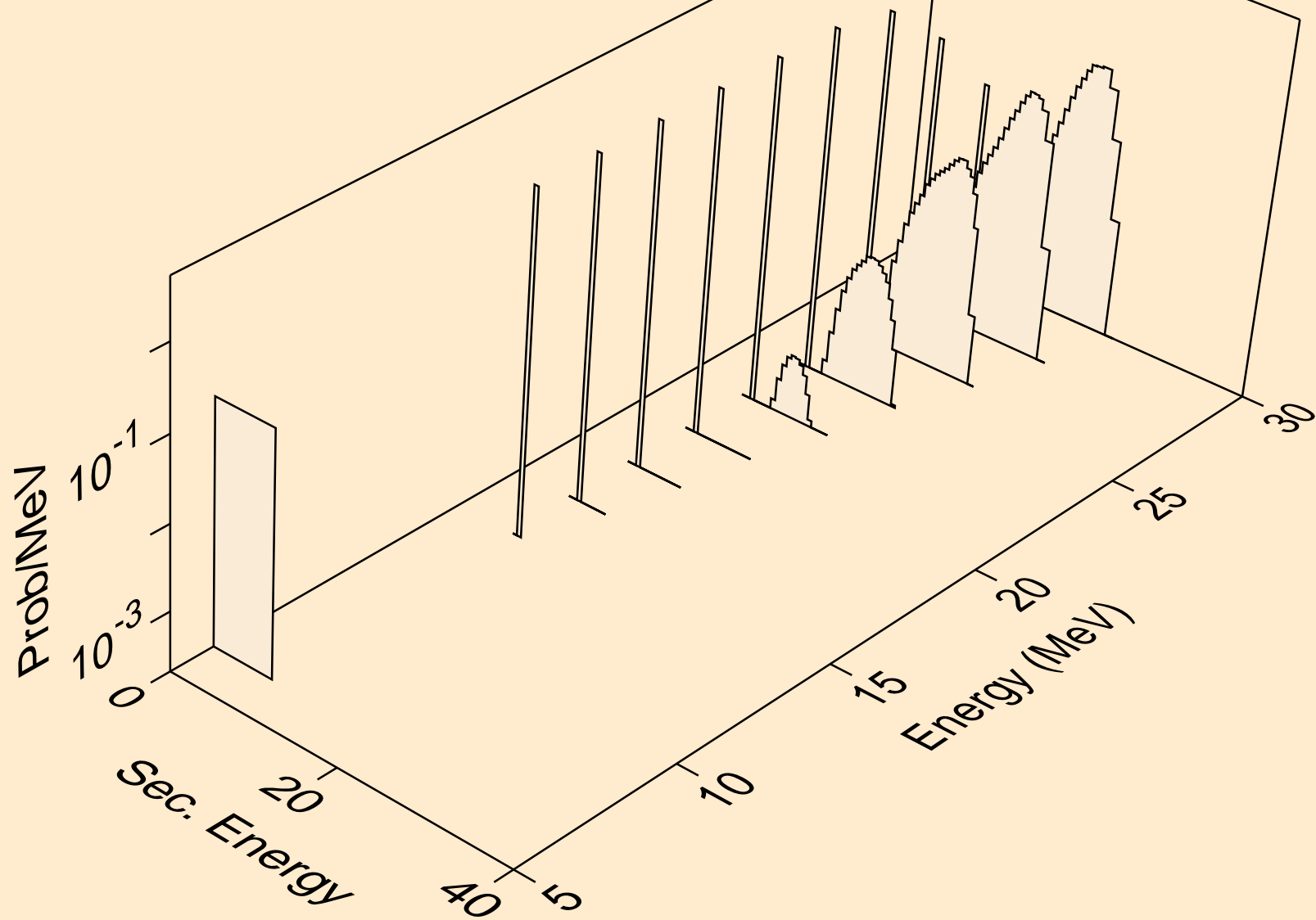
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



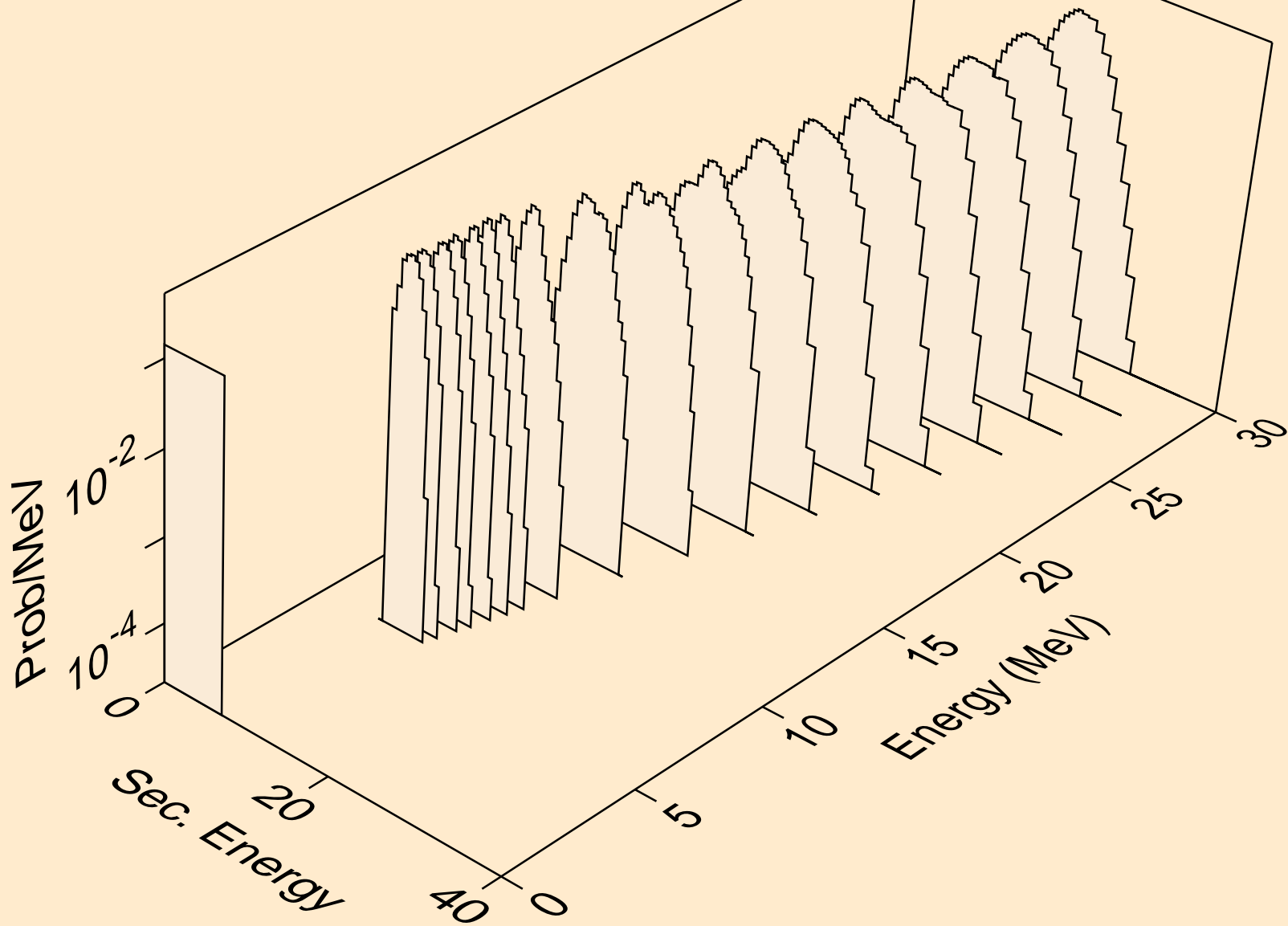
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



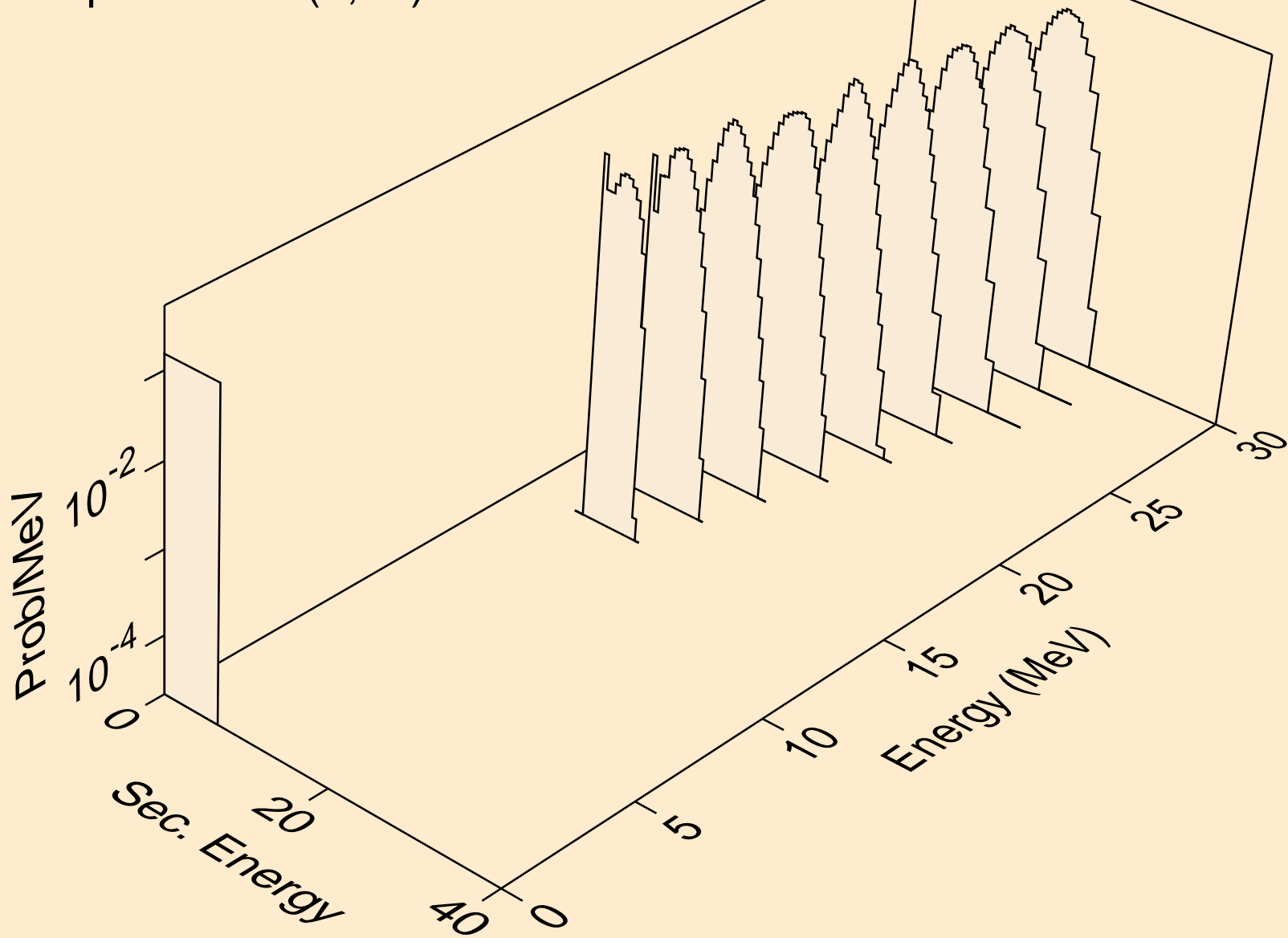
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



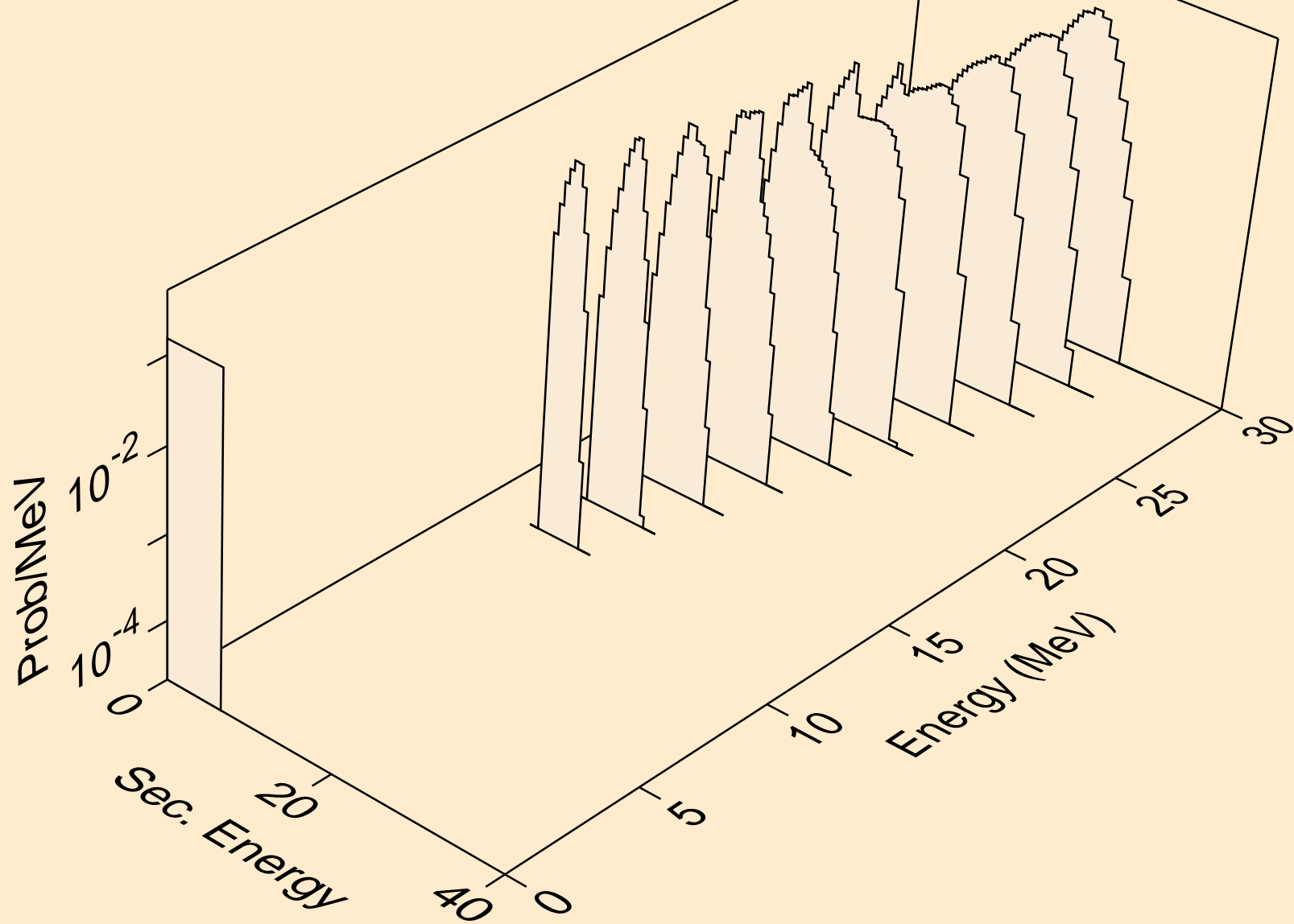
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



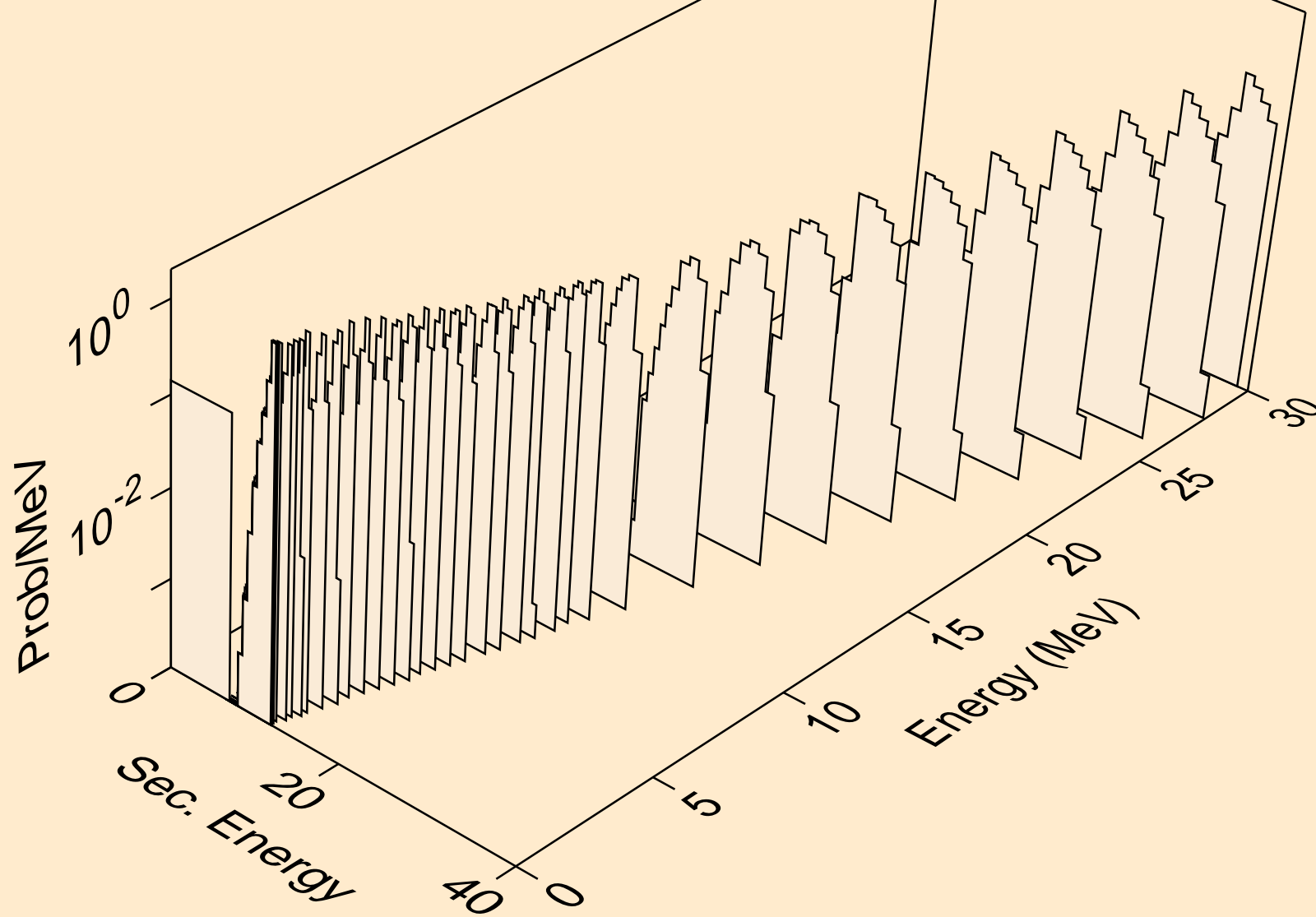
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



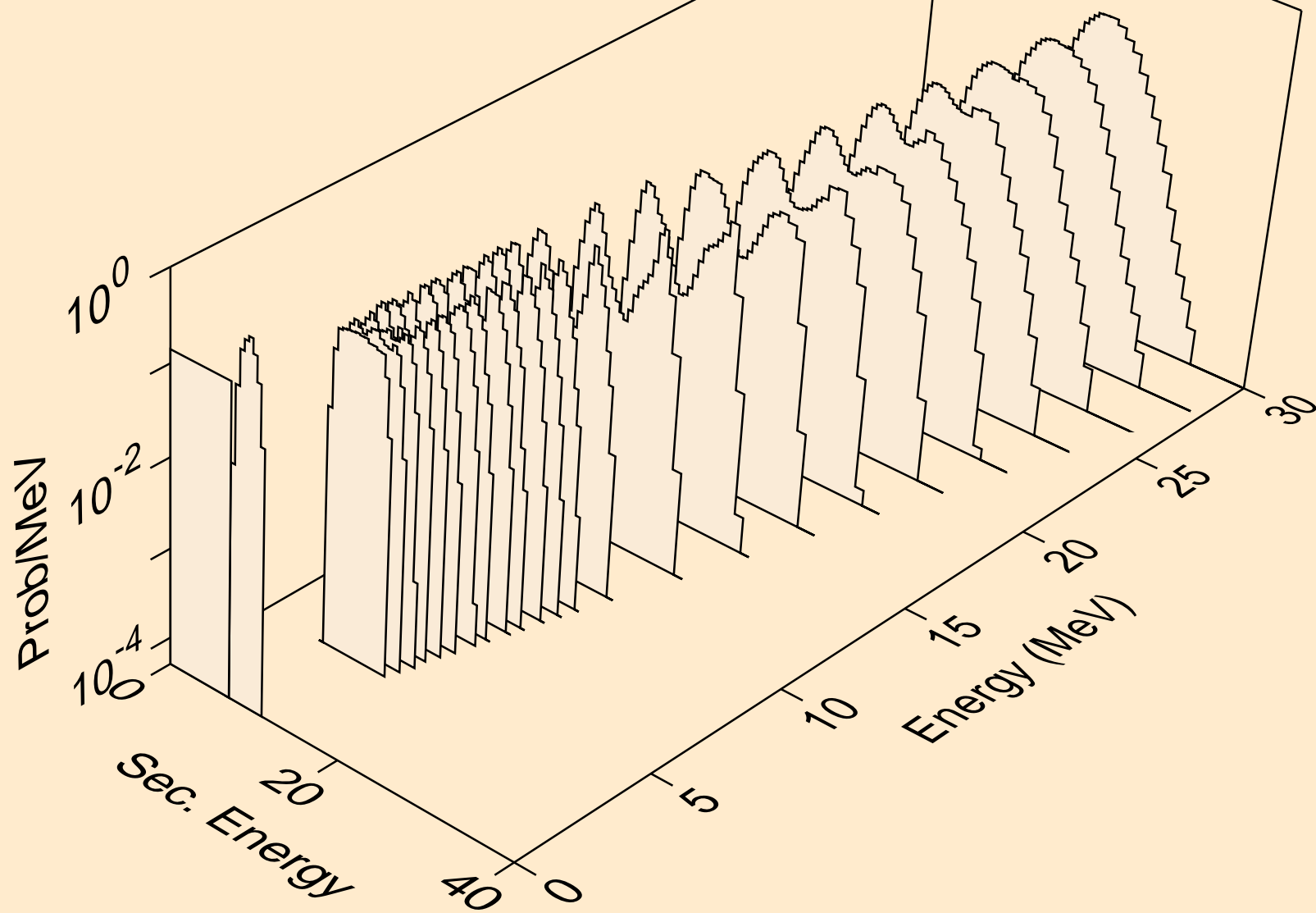
PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

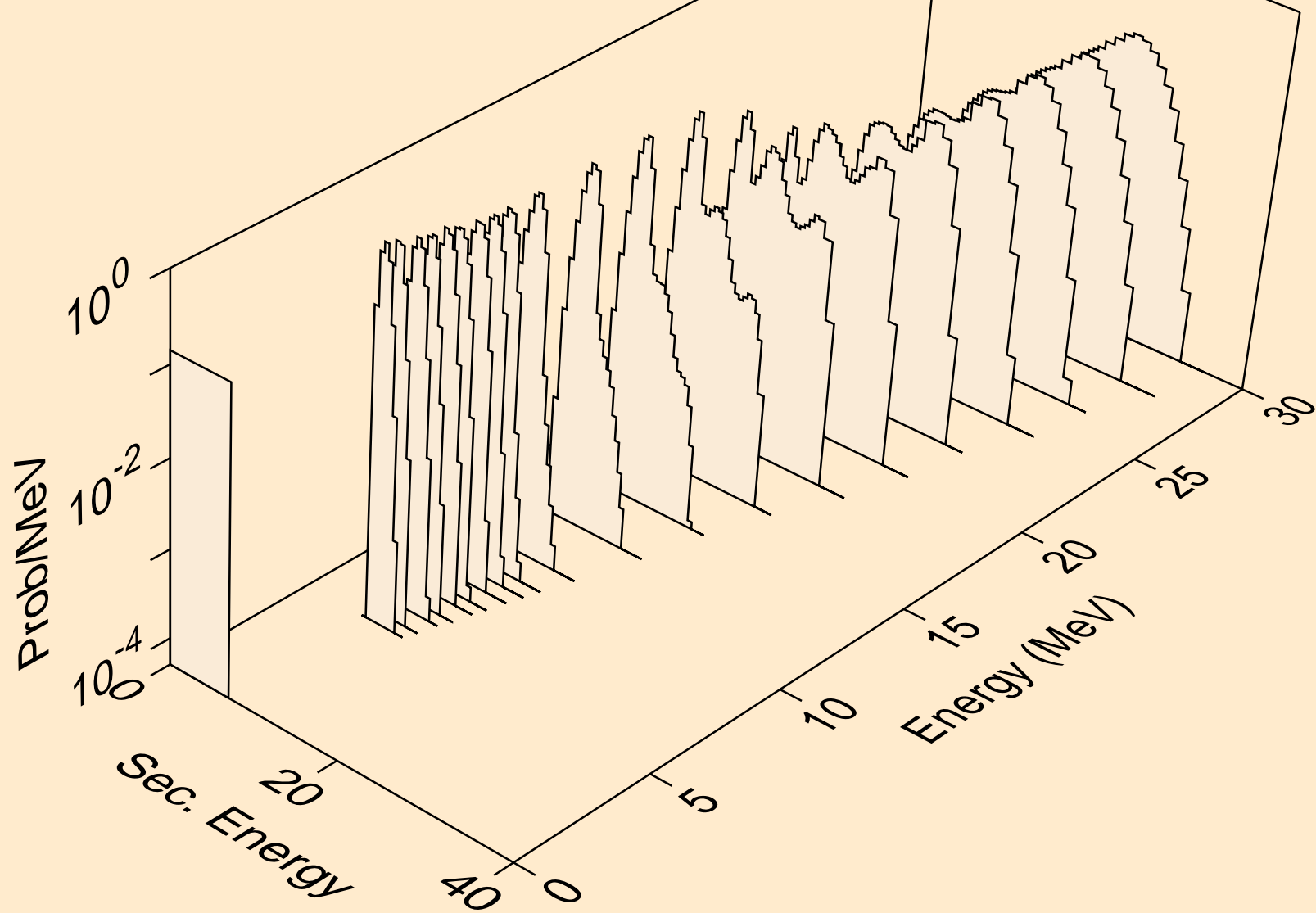


PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



PA227 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

