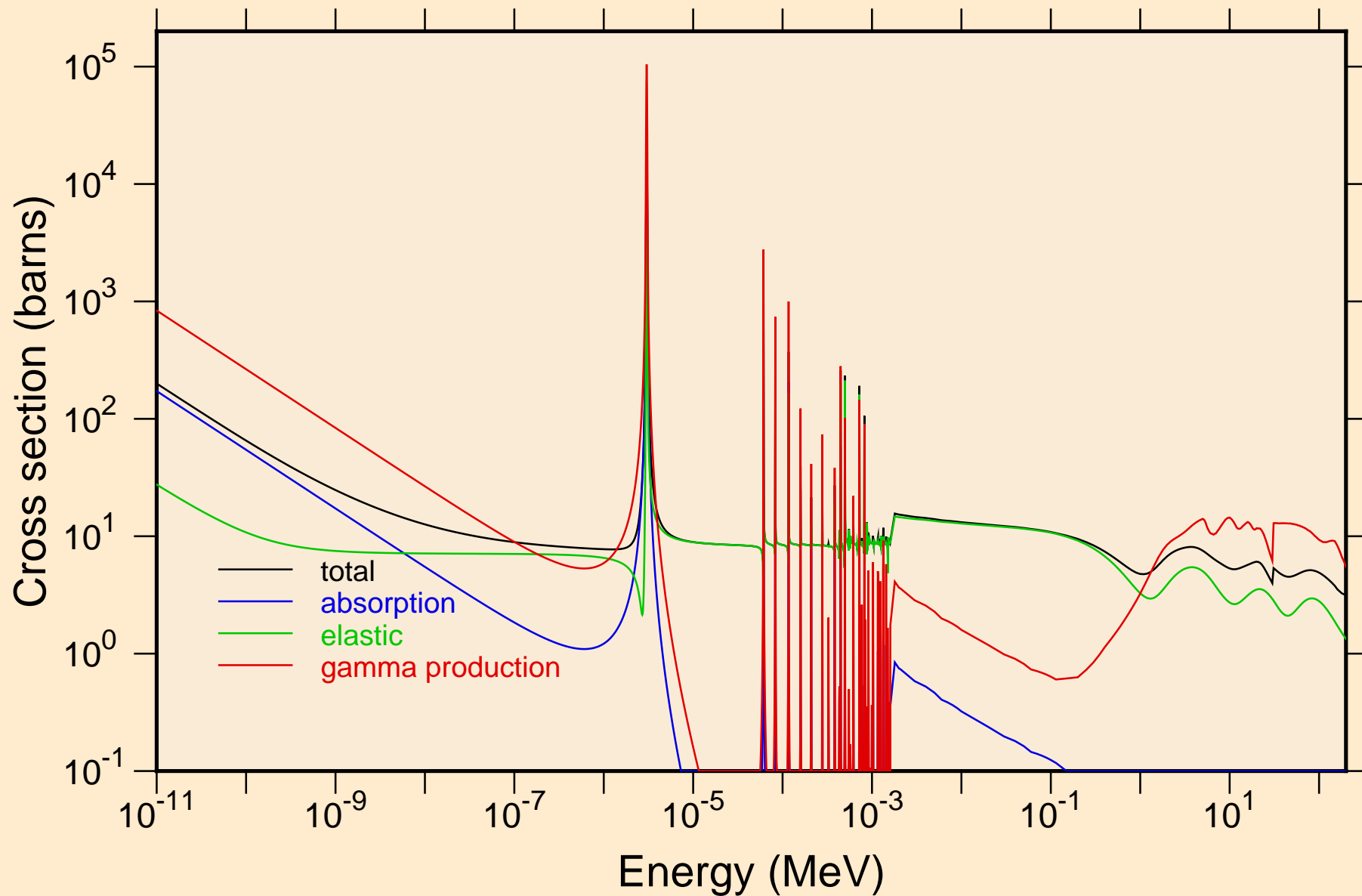
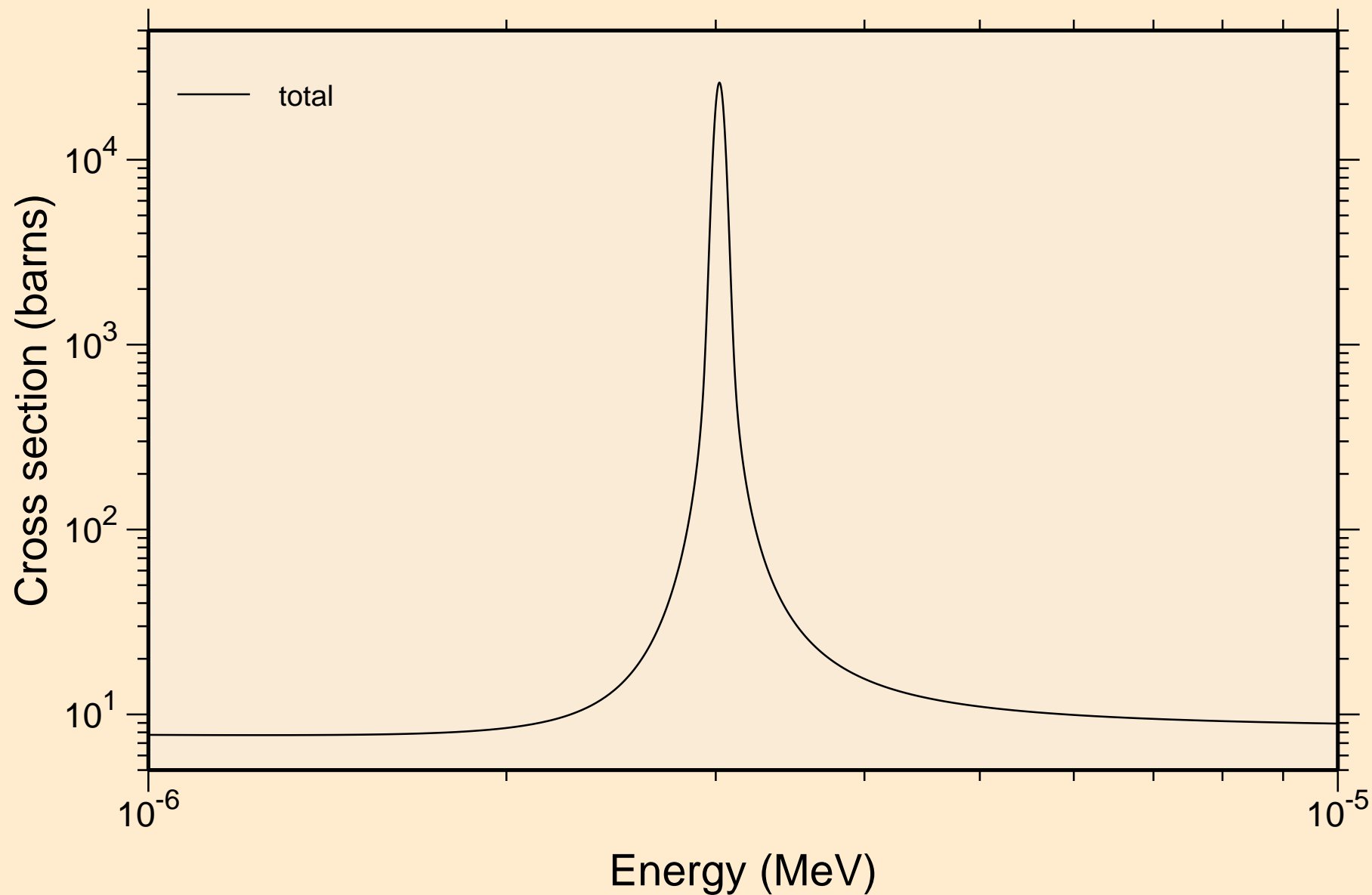


# AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

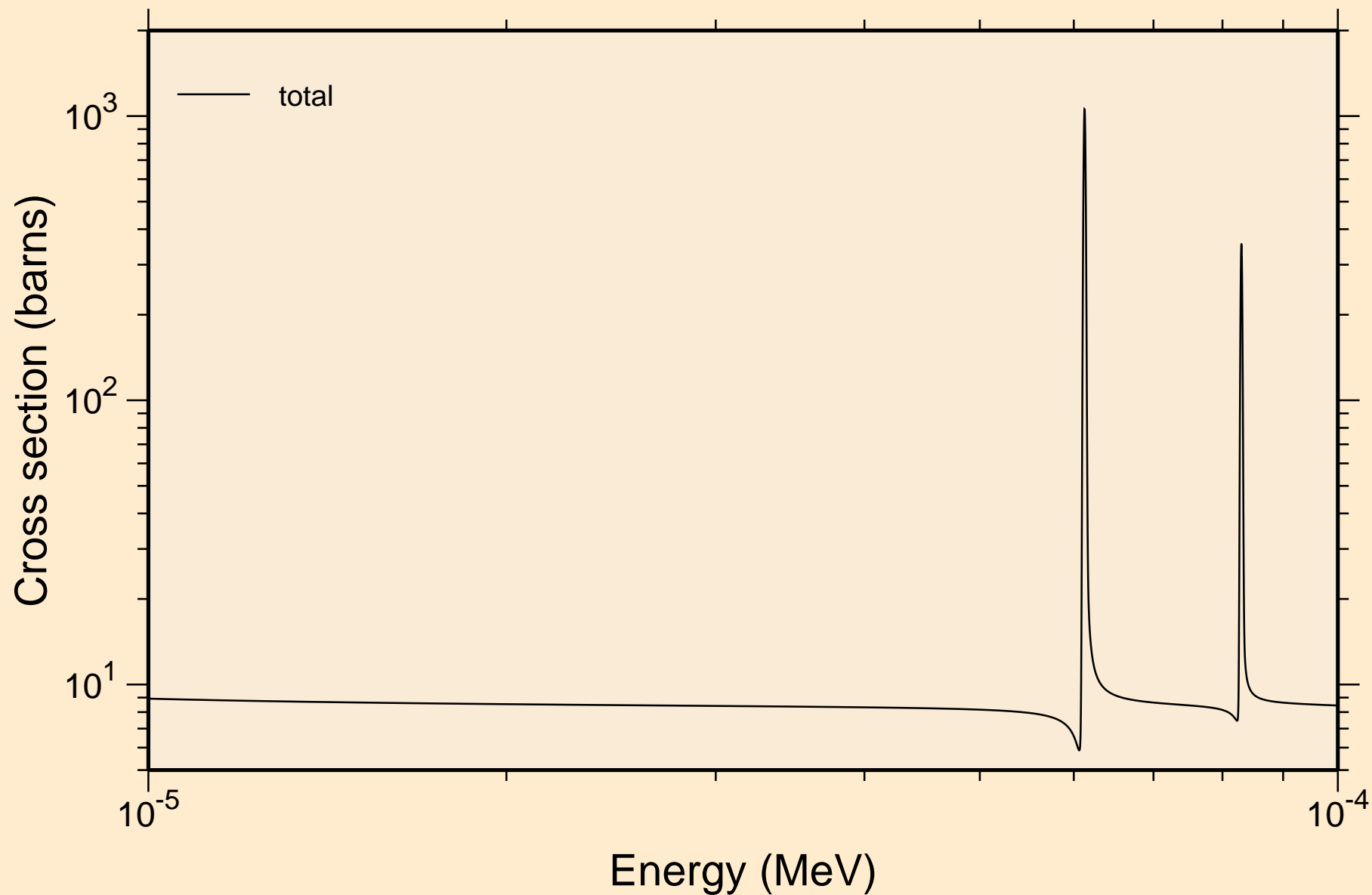
## Principal cross sections



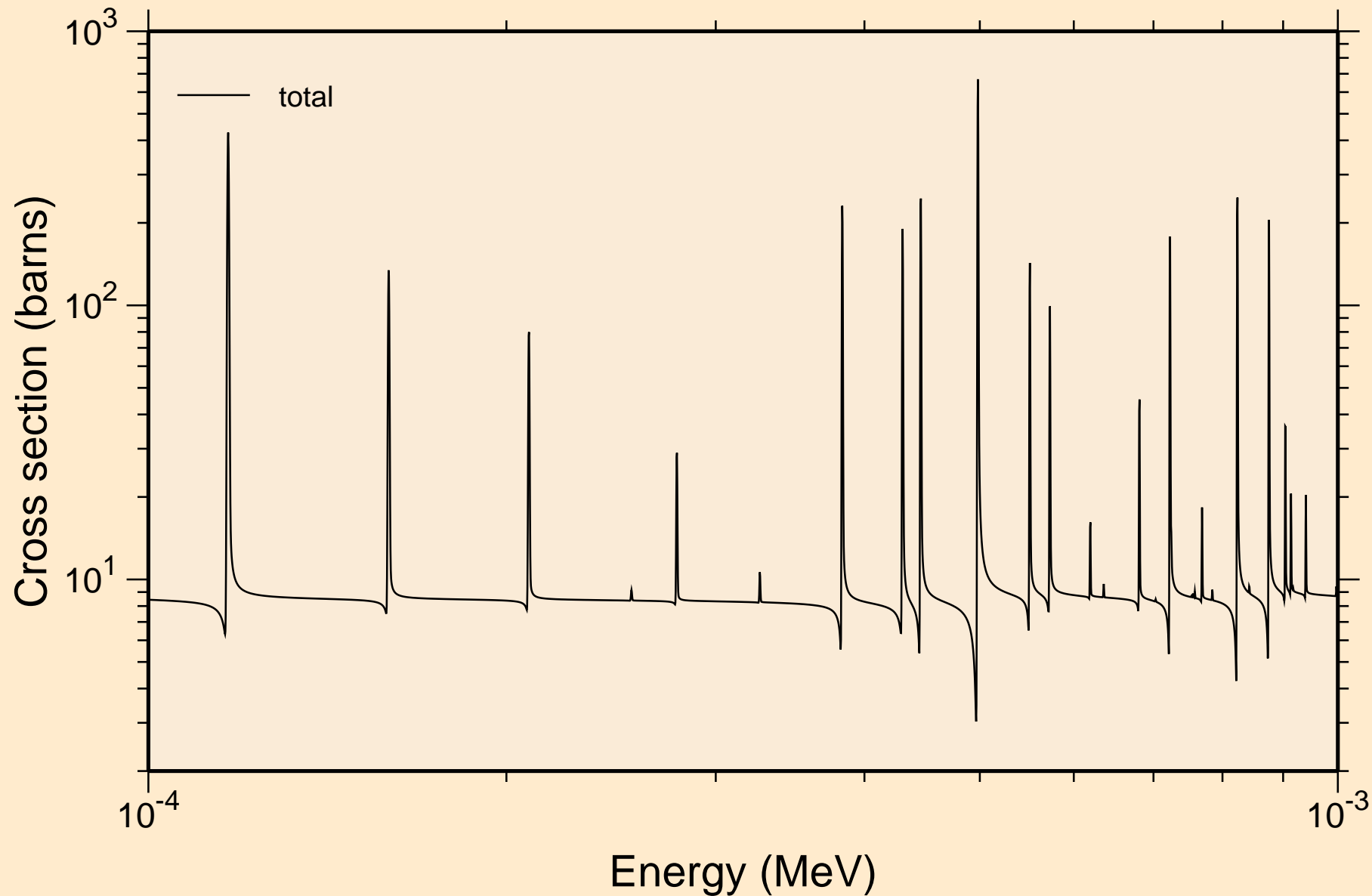
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



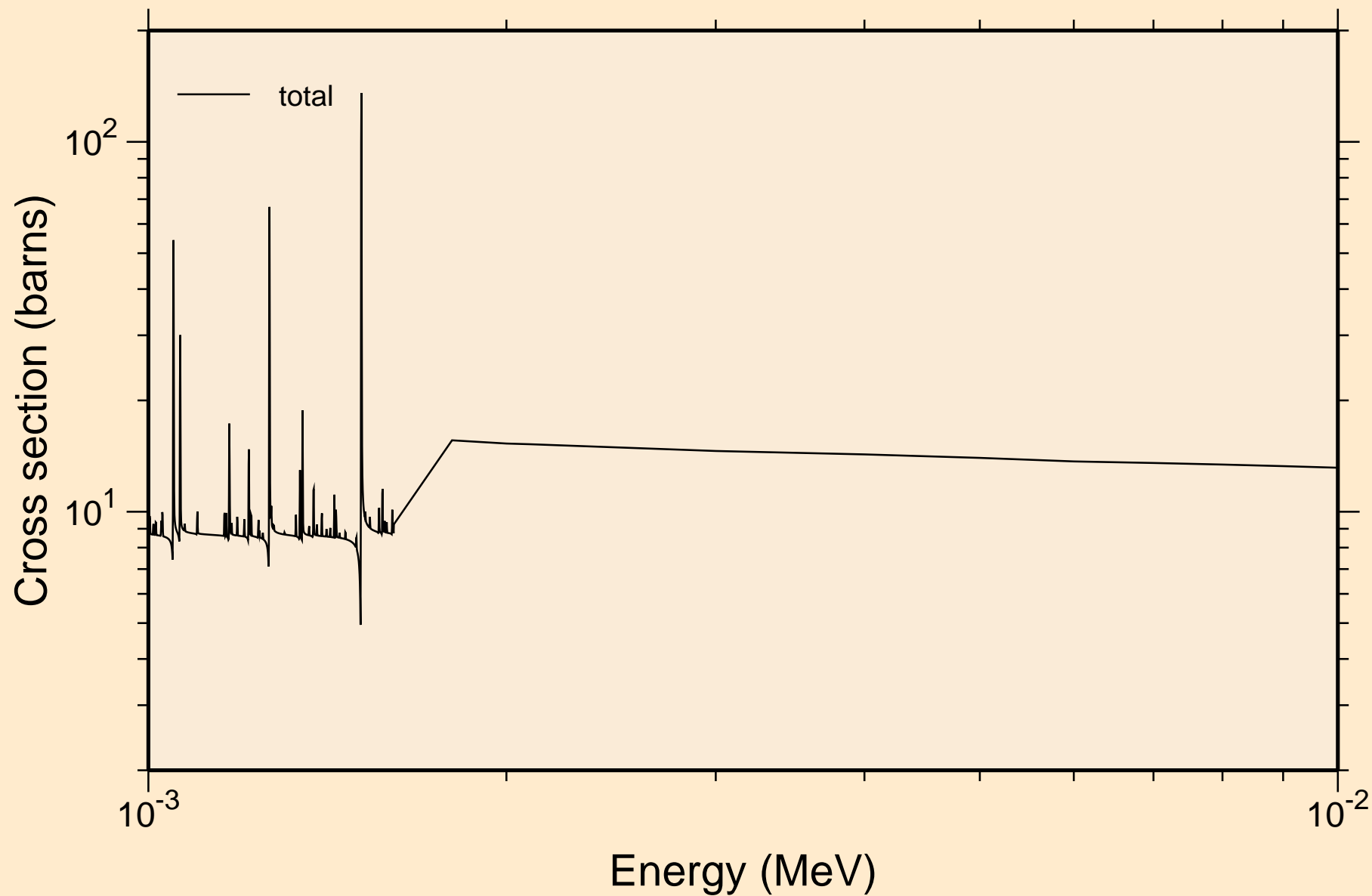
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



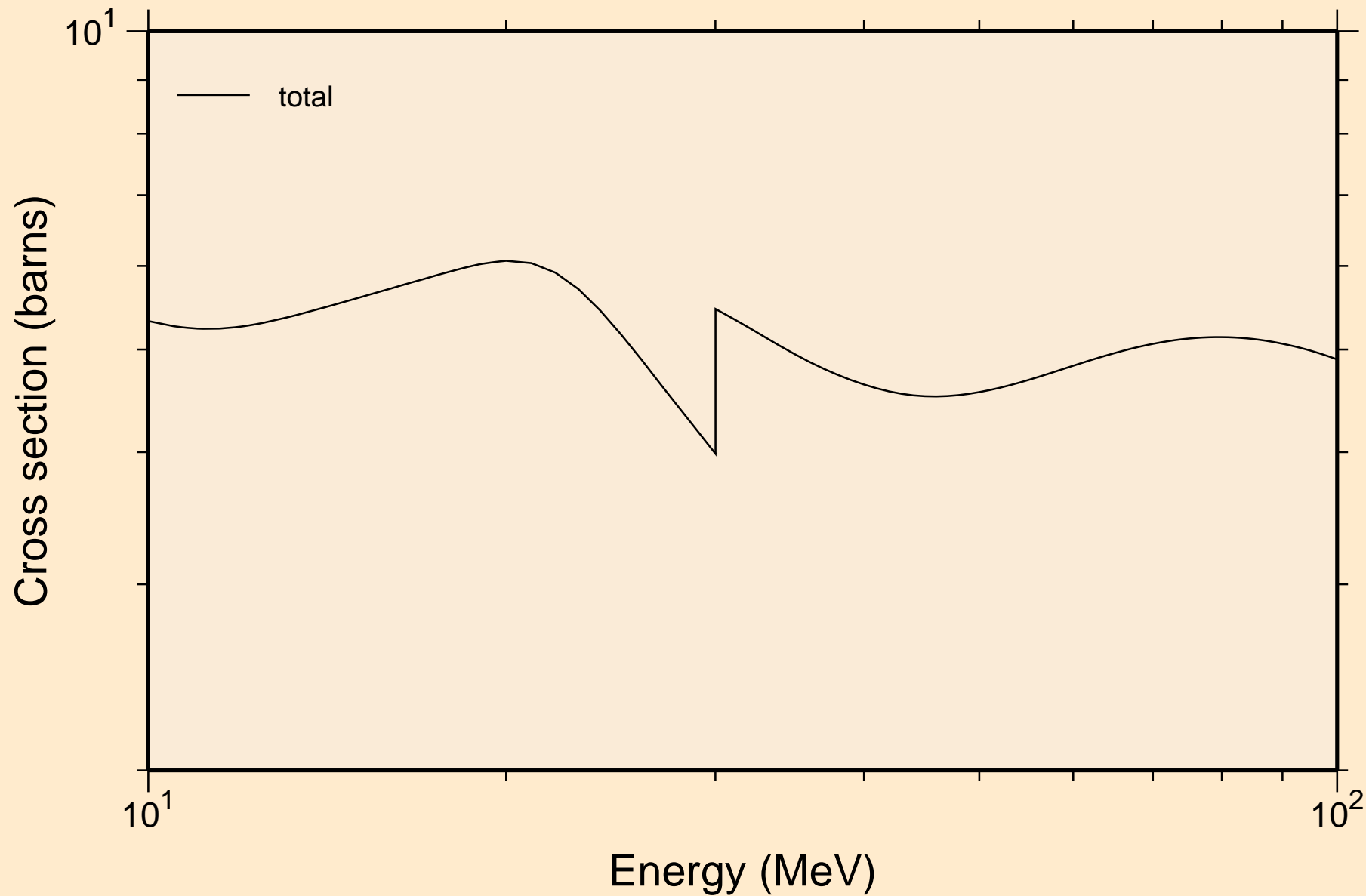
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



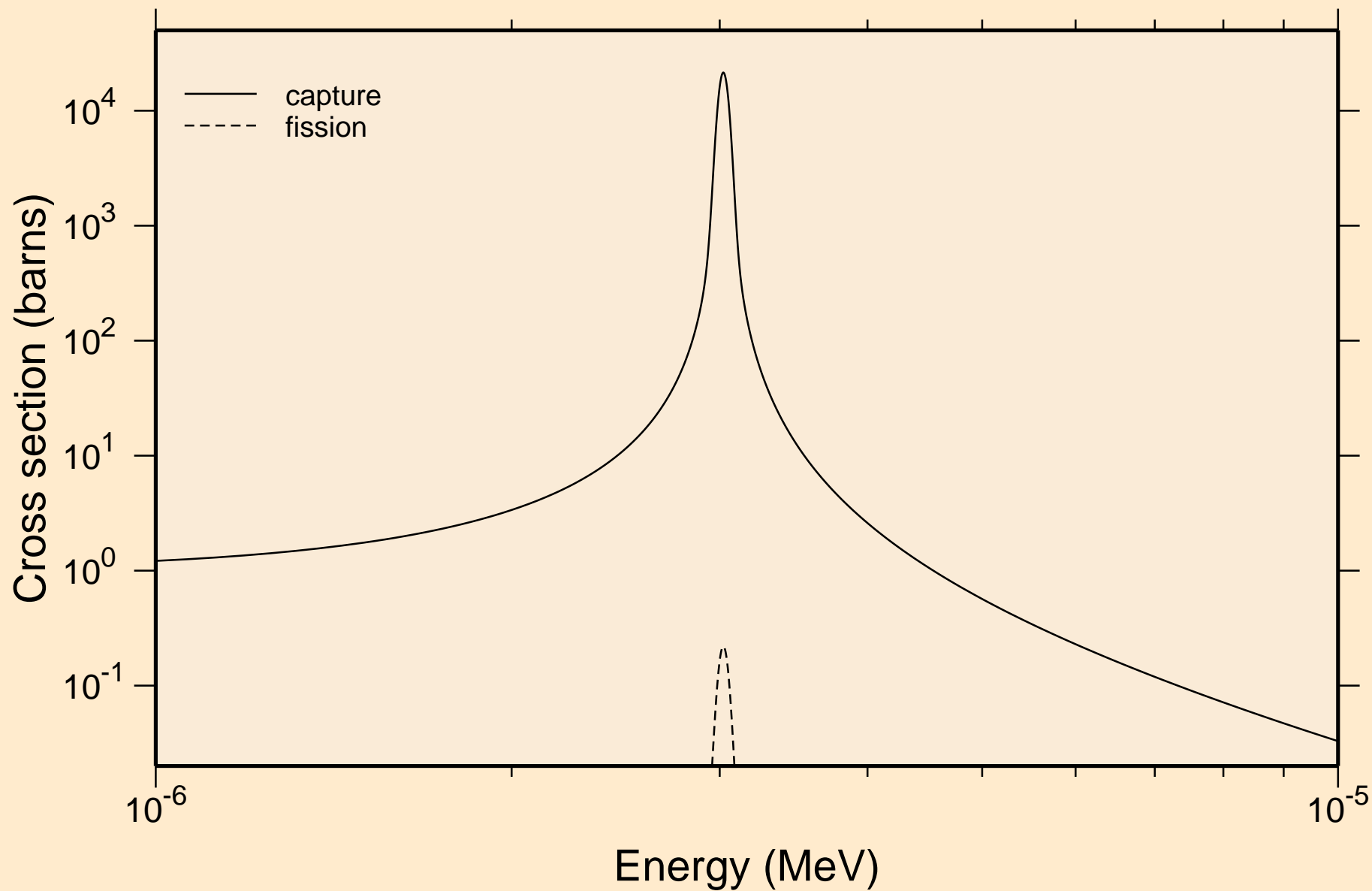
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



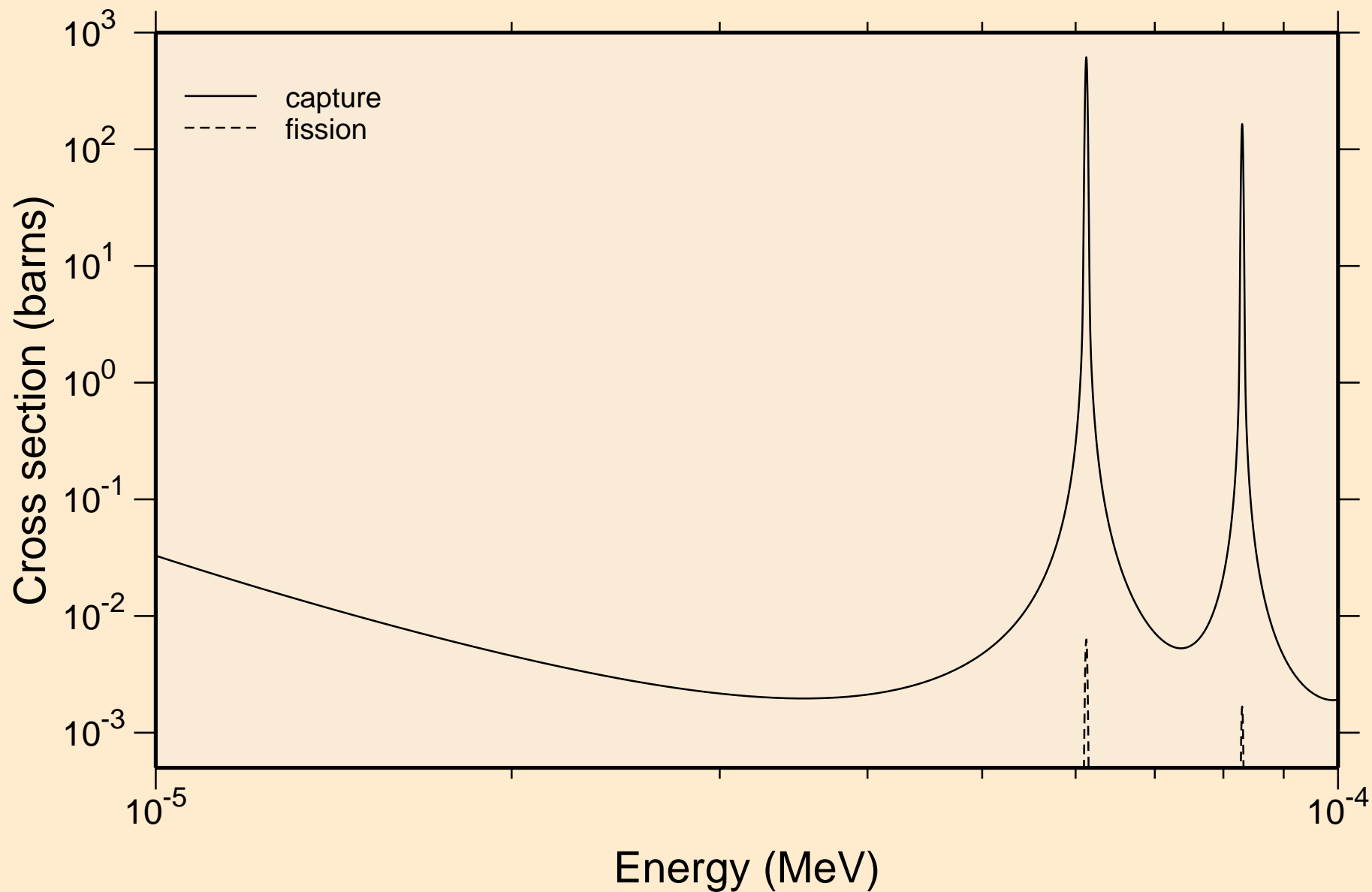
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

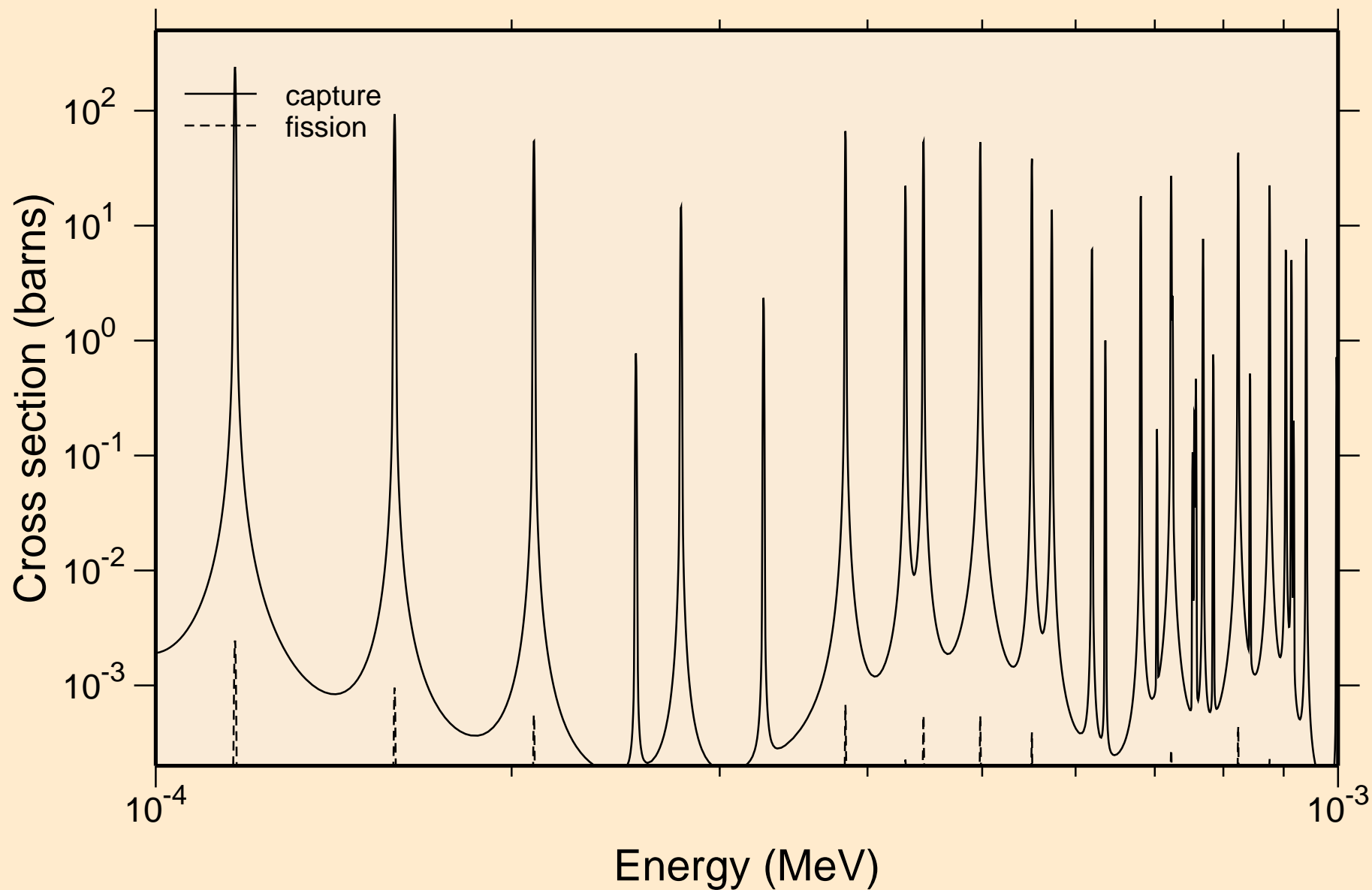


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

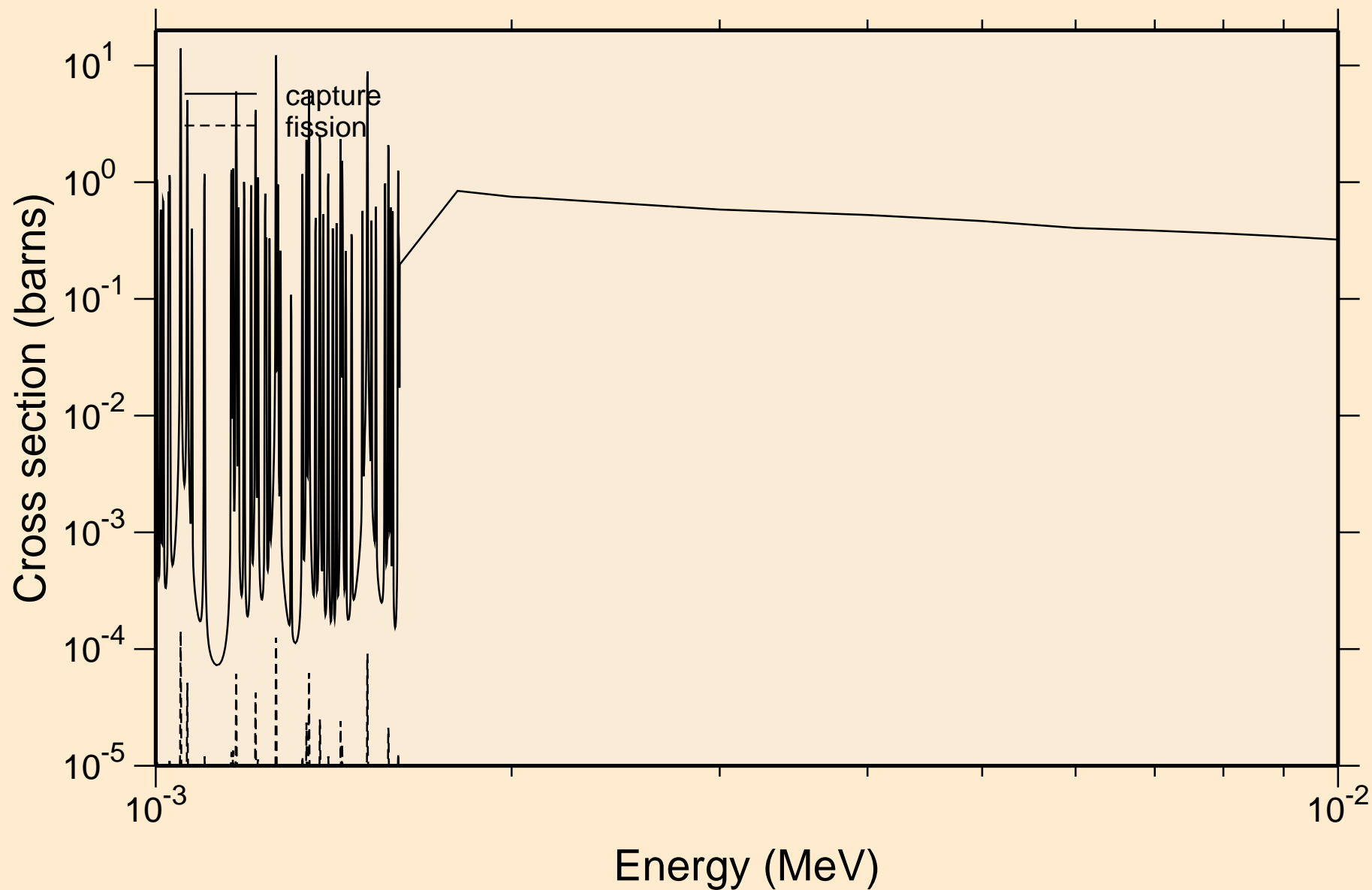




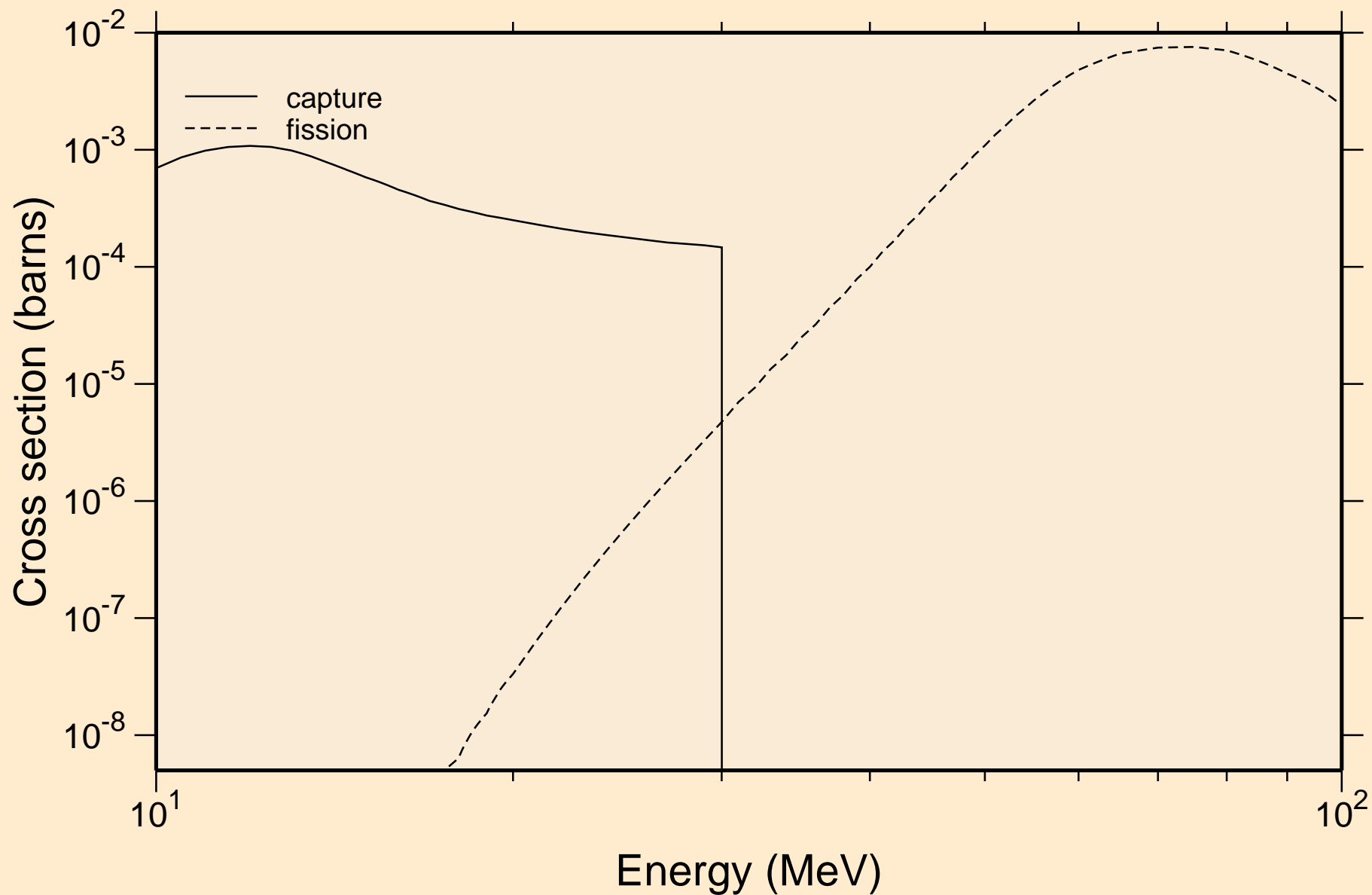
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



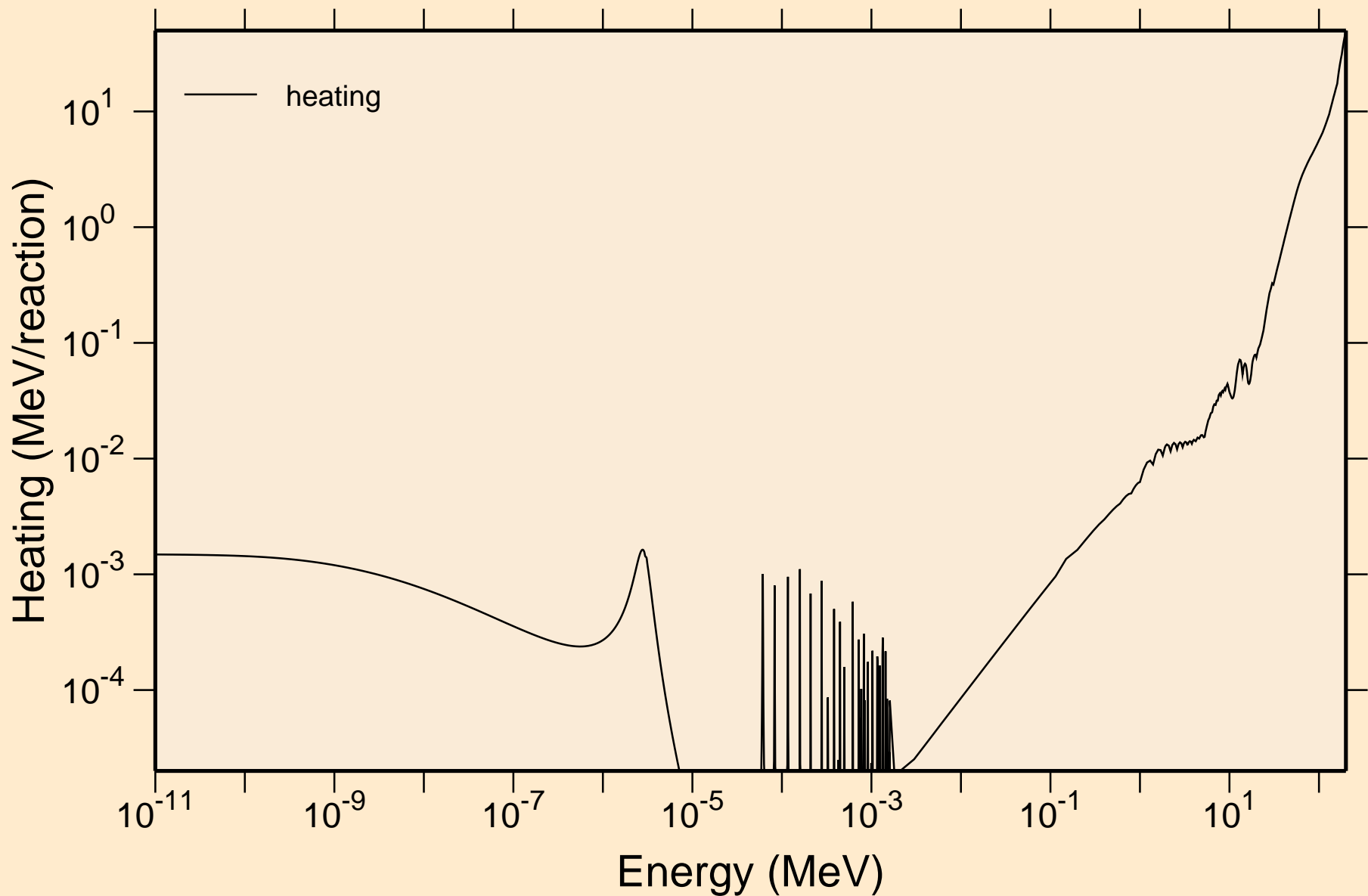
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

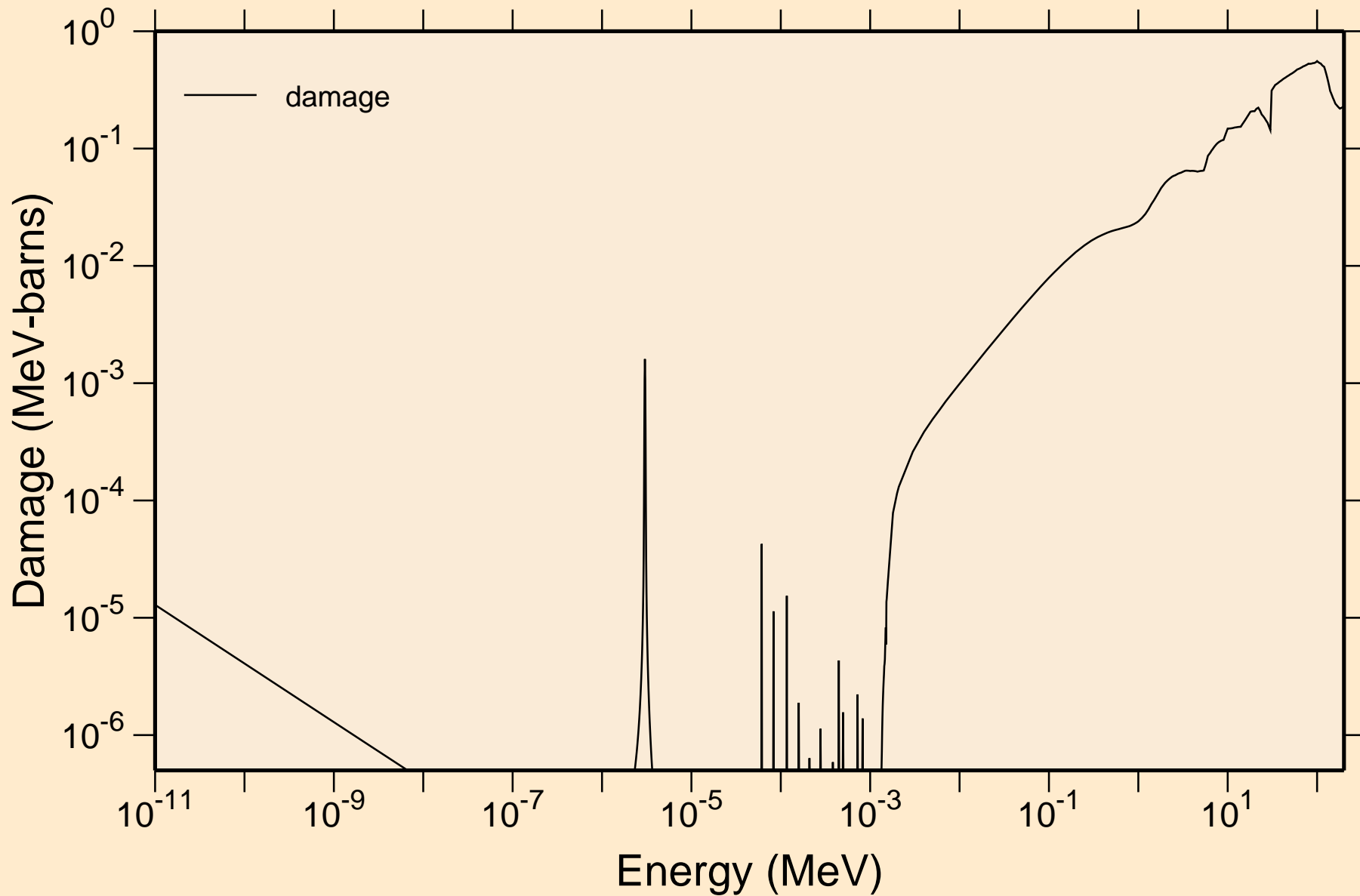


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

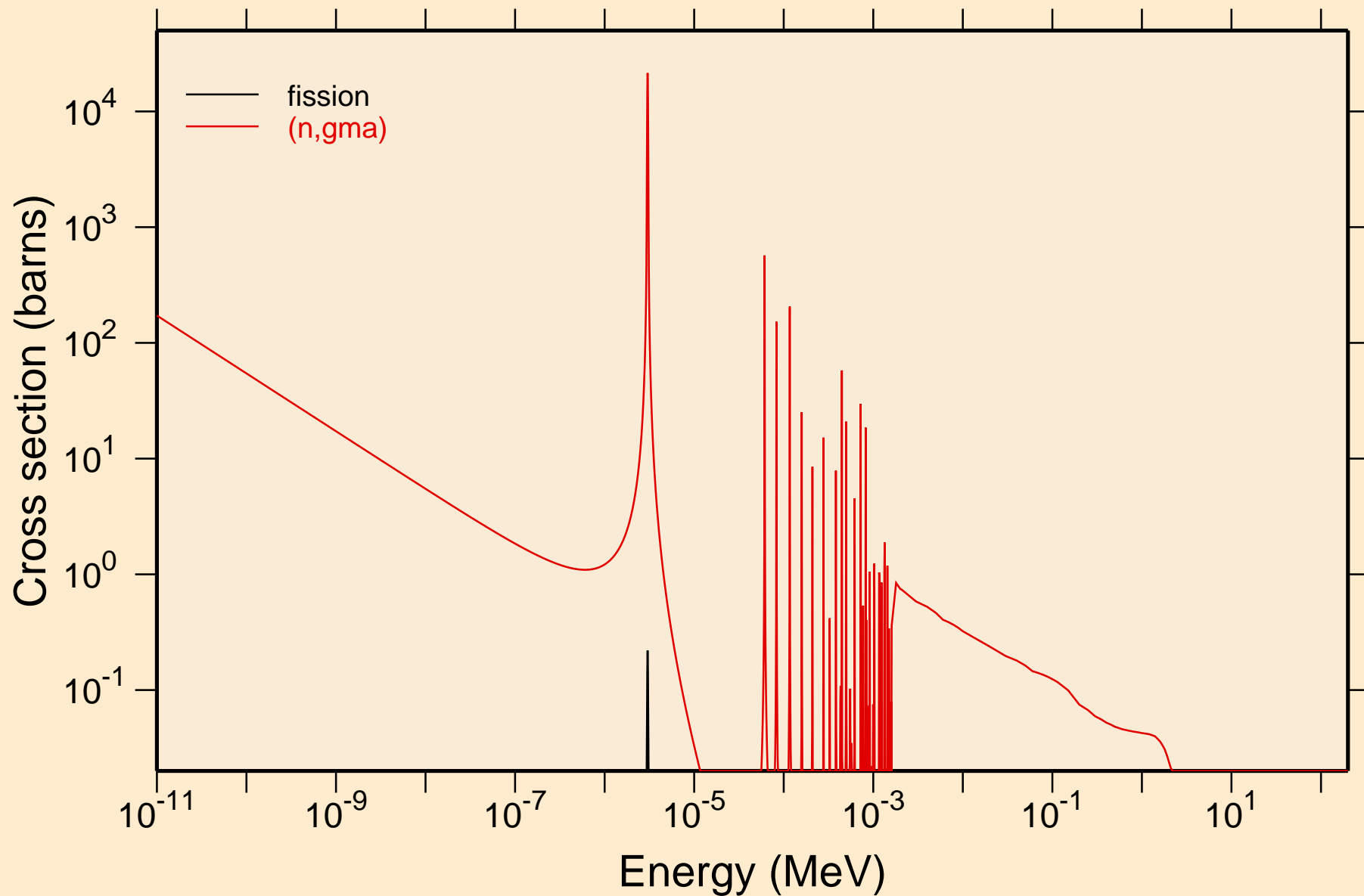


# AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

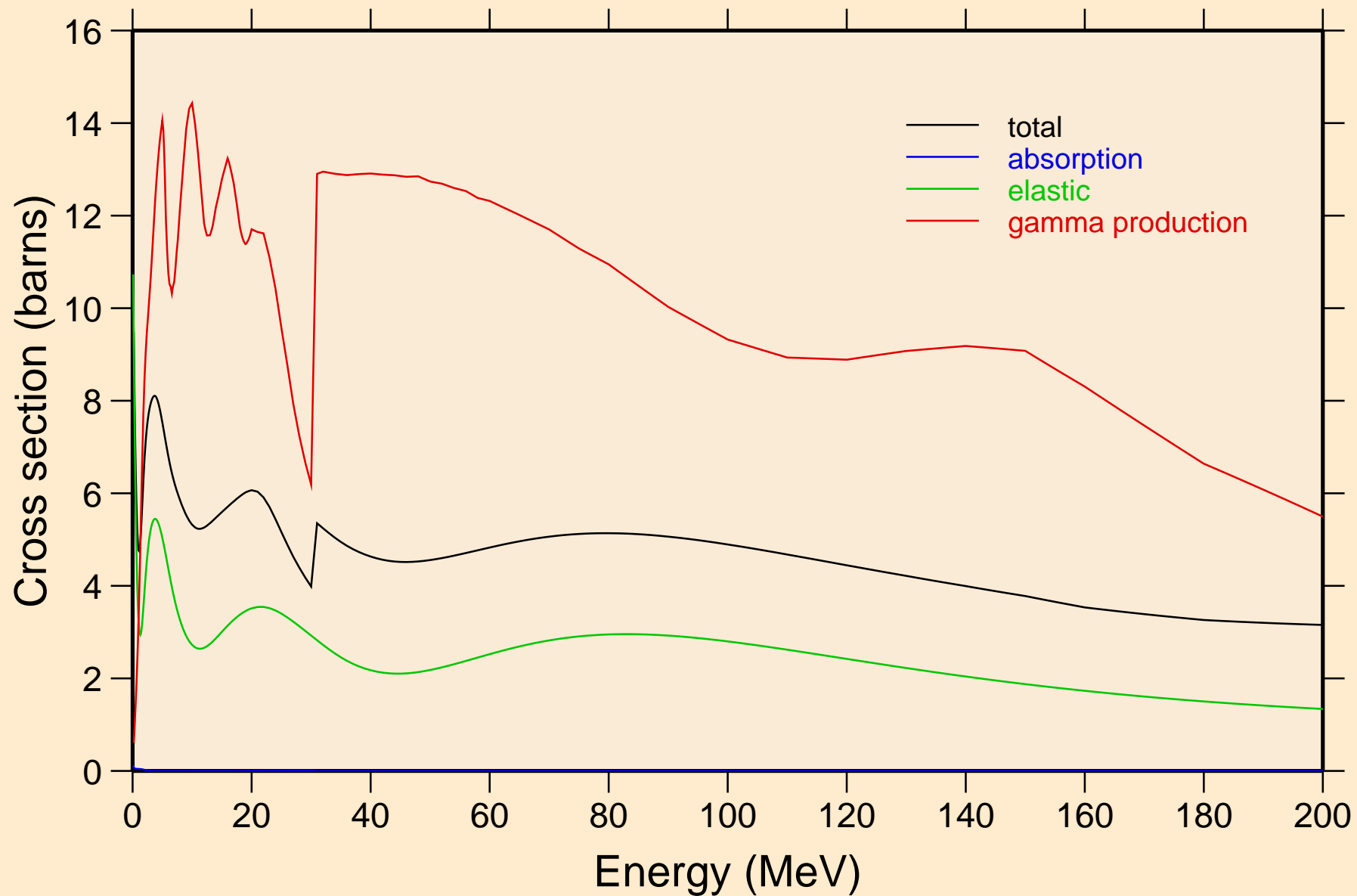
## Damage



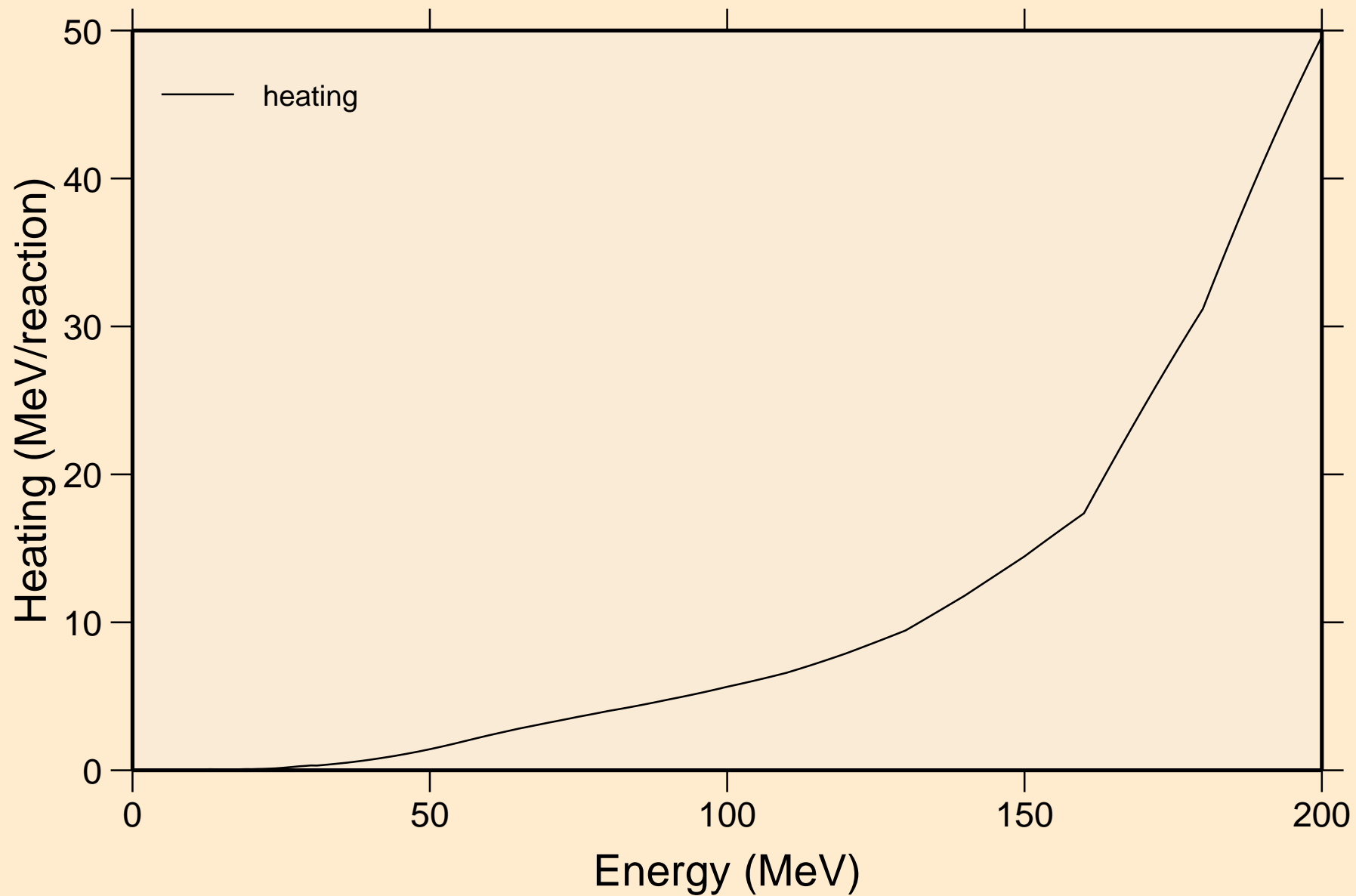
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

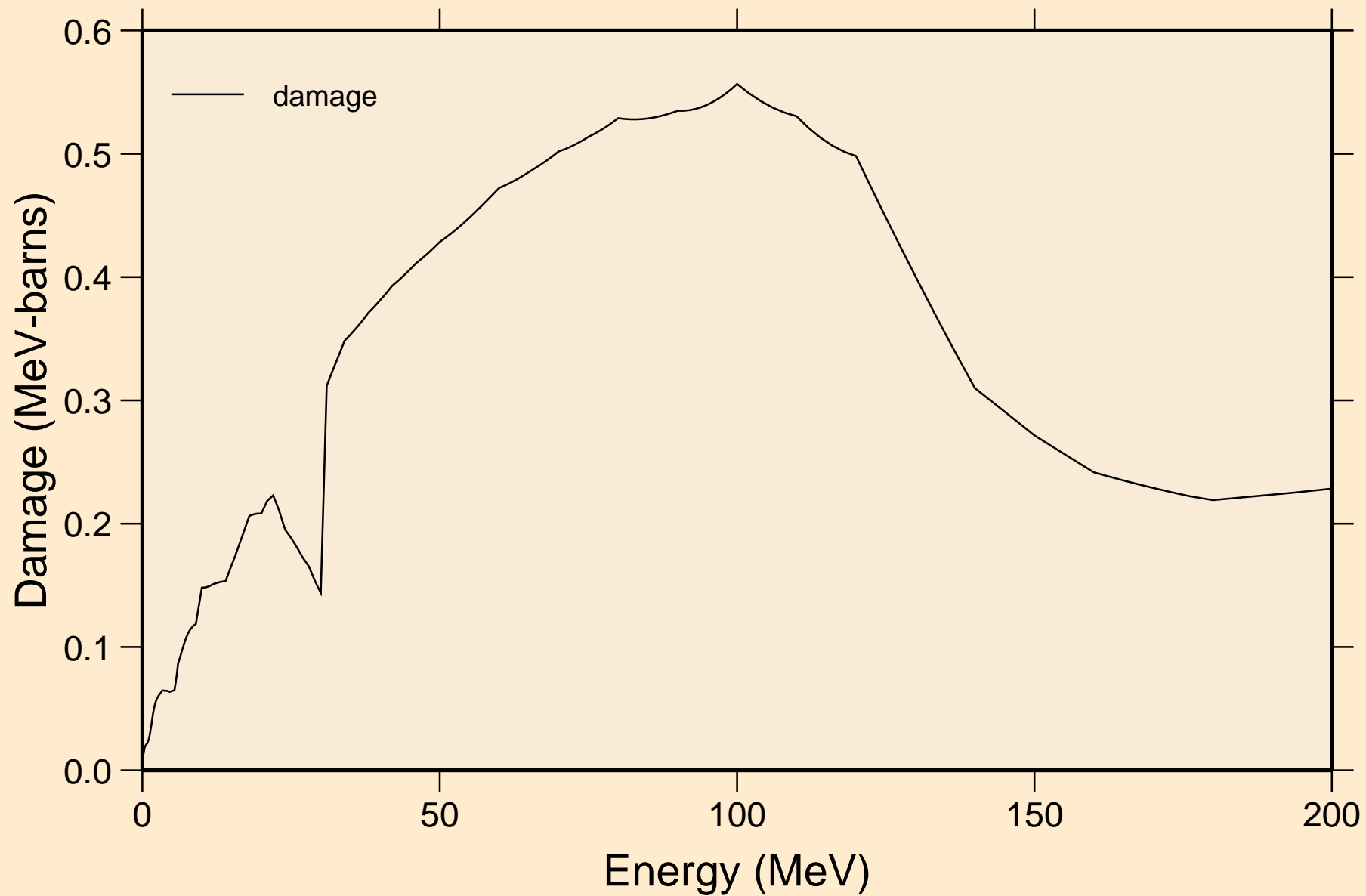


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

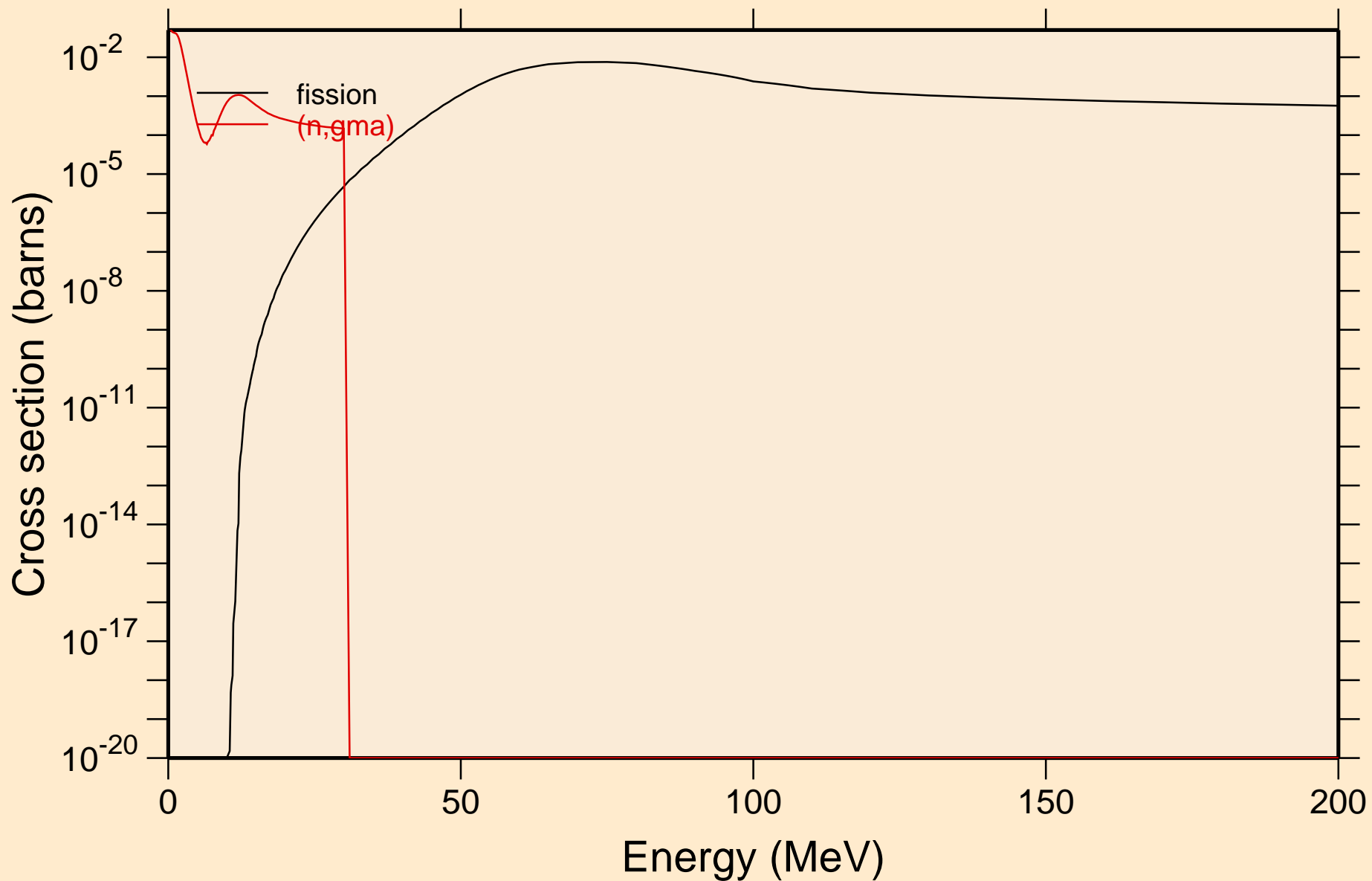




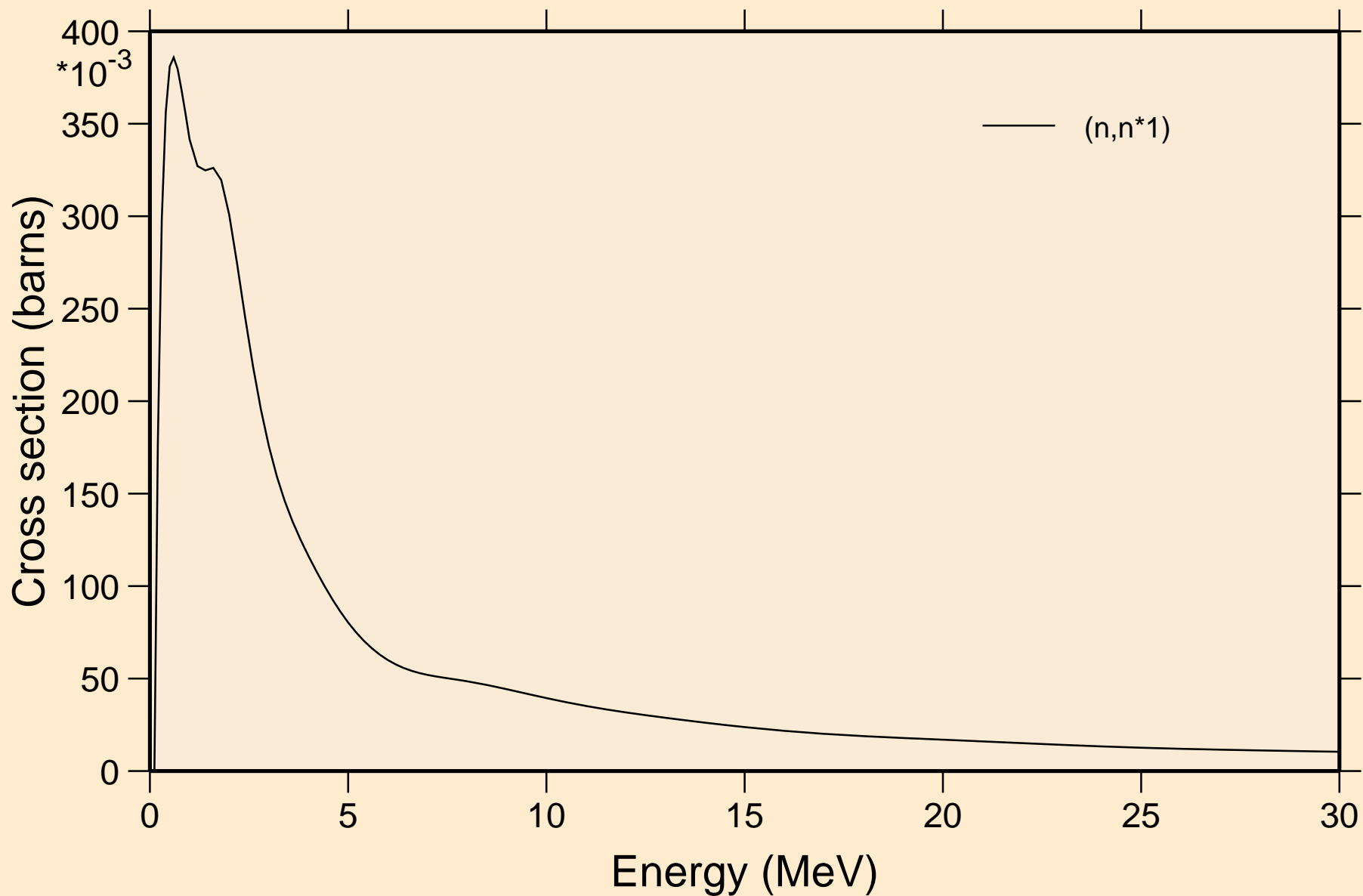
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



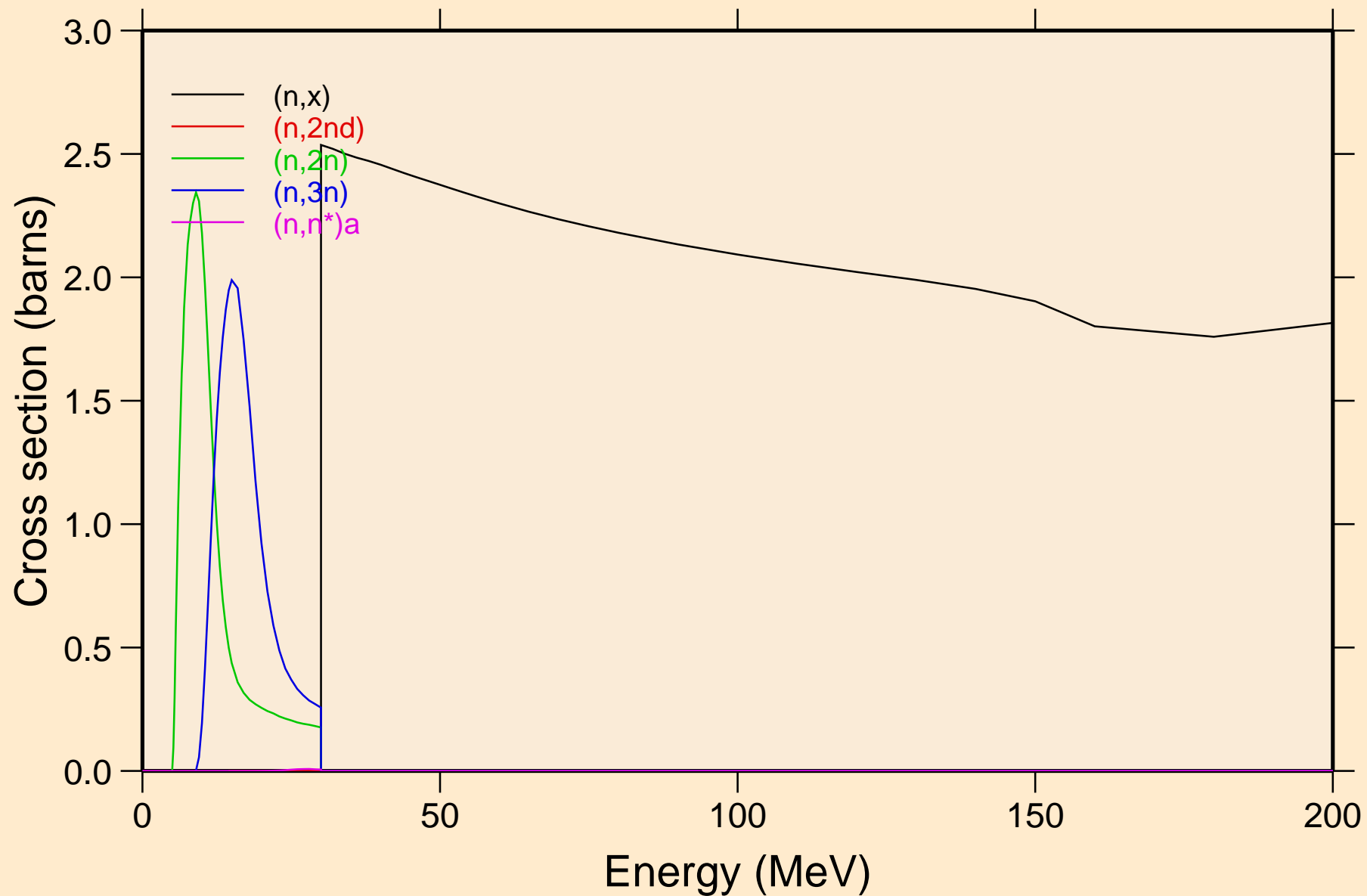
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



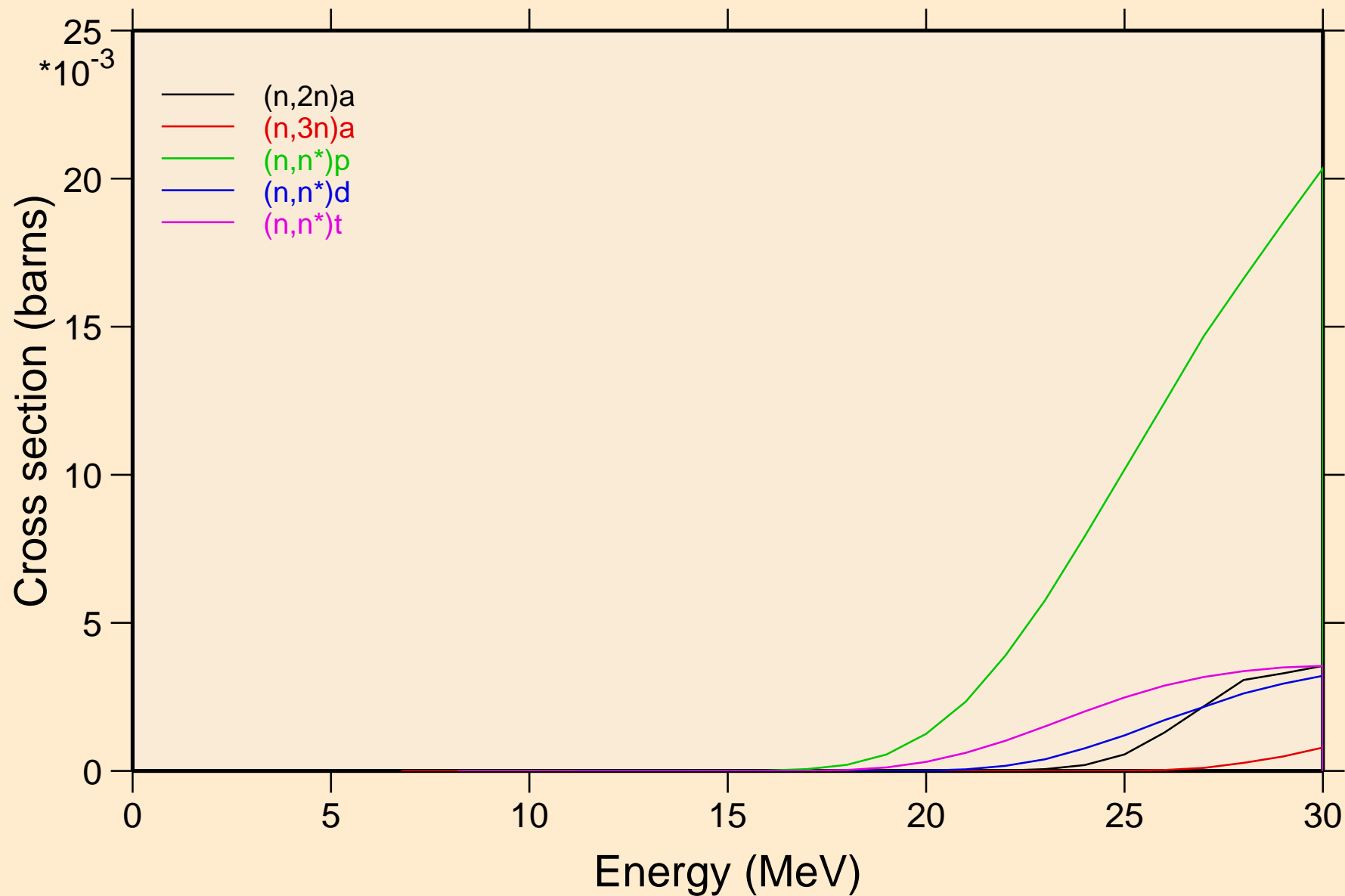
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



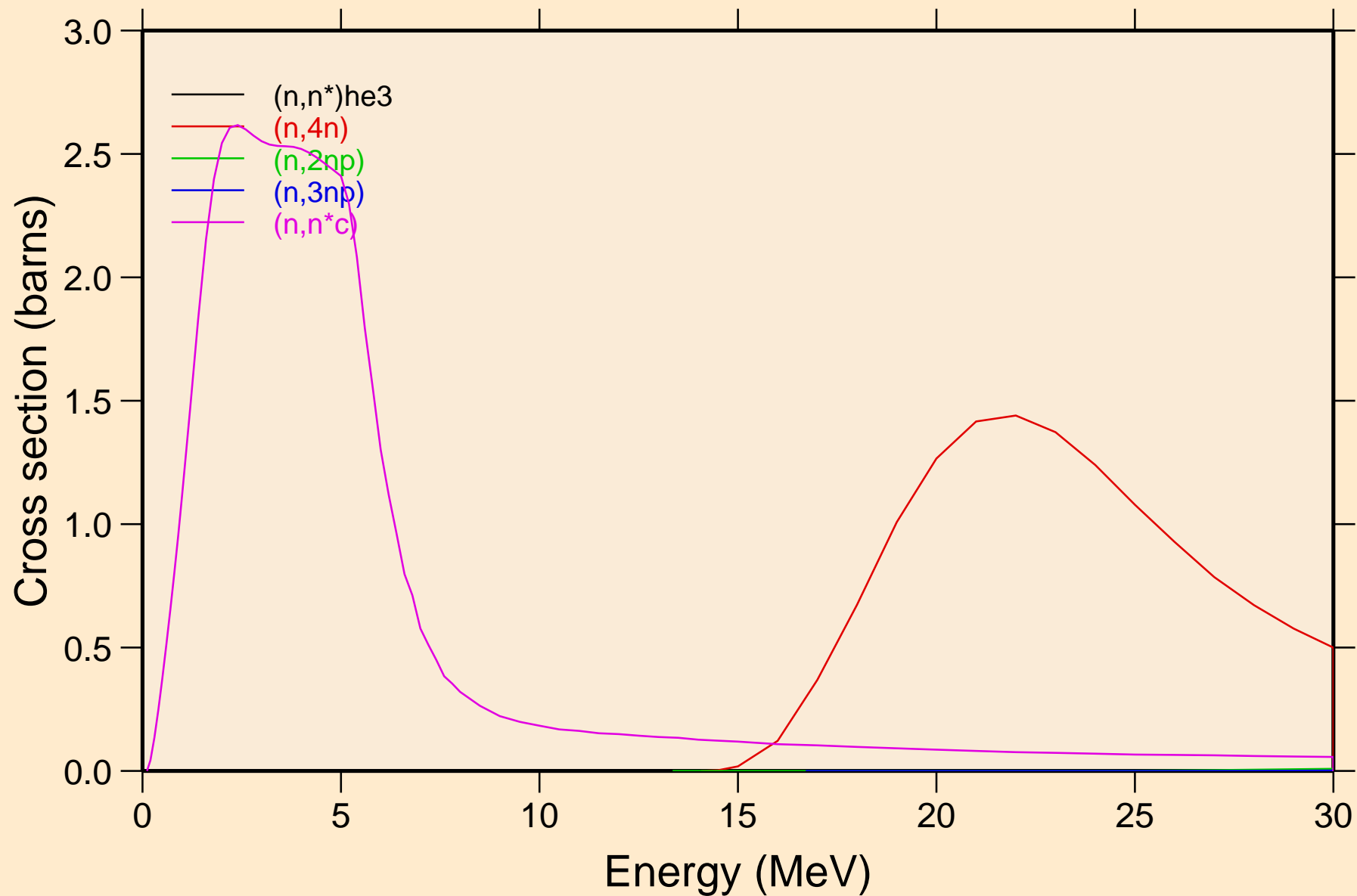
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



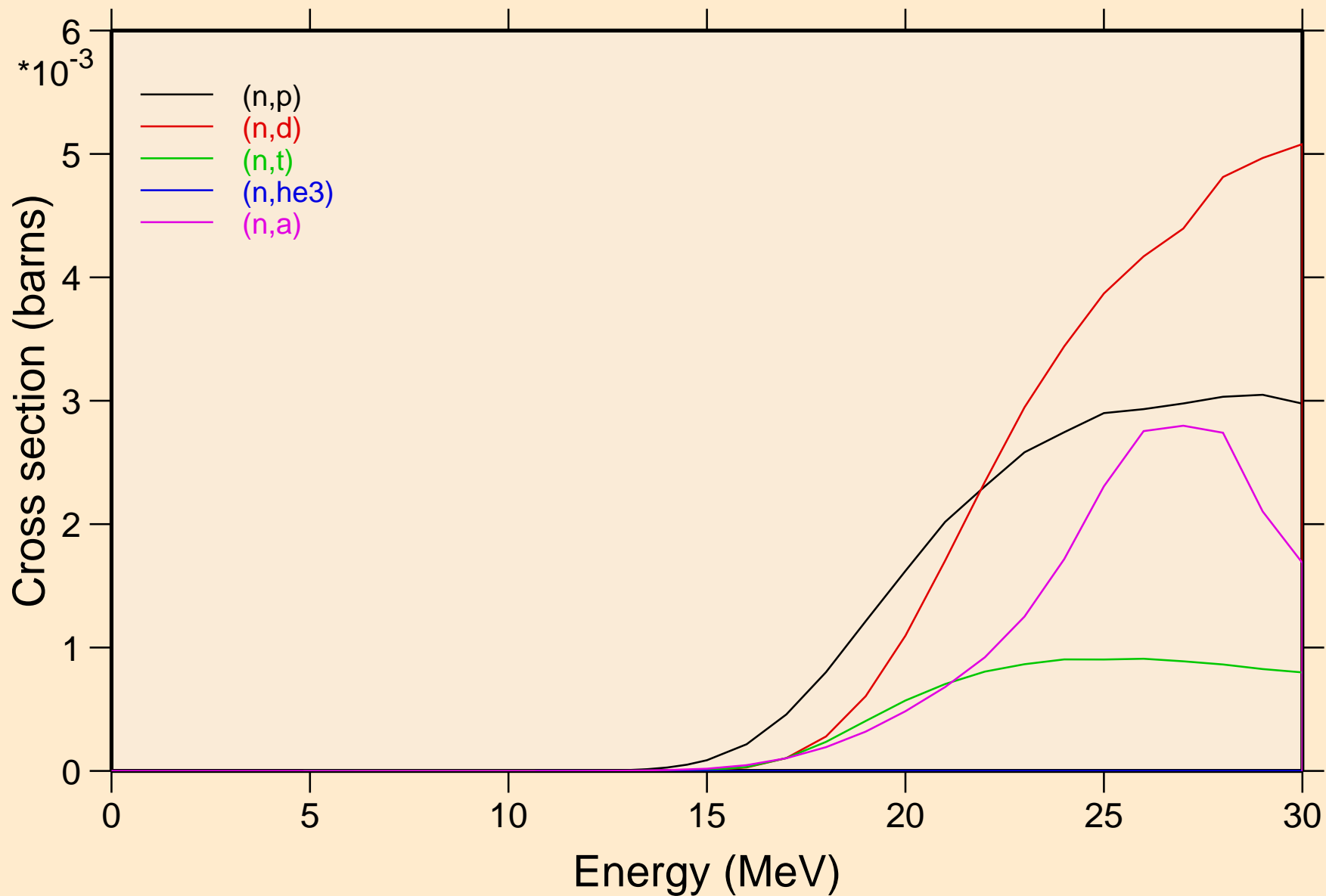
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



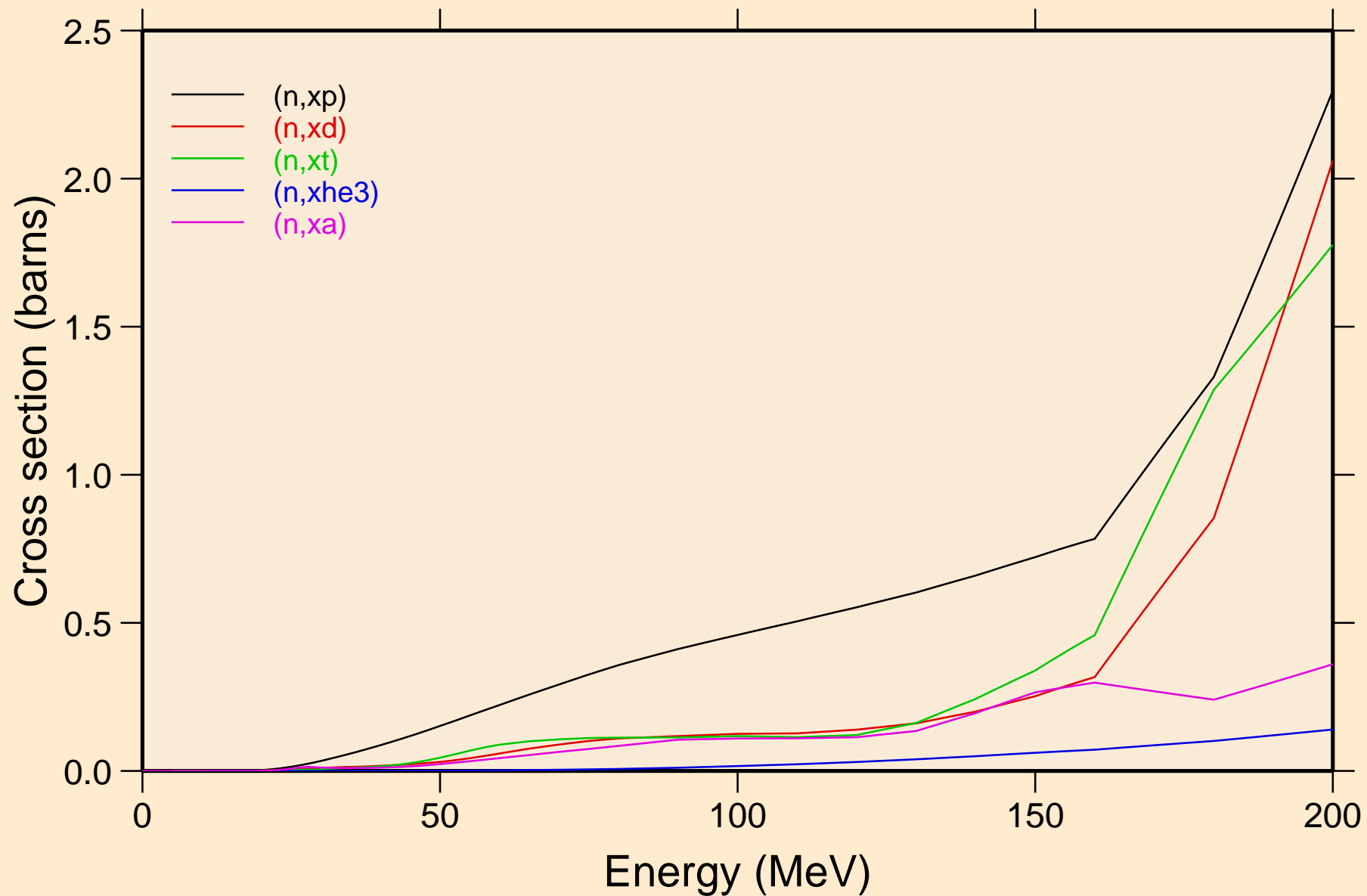
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

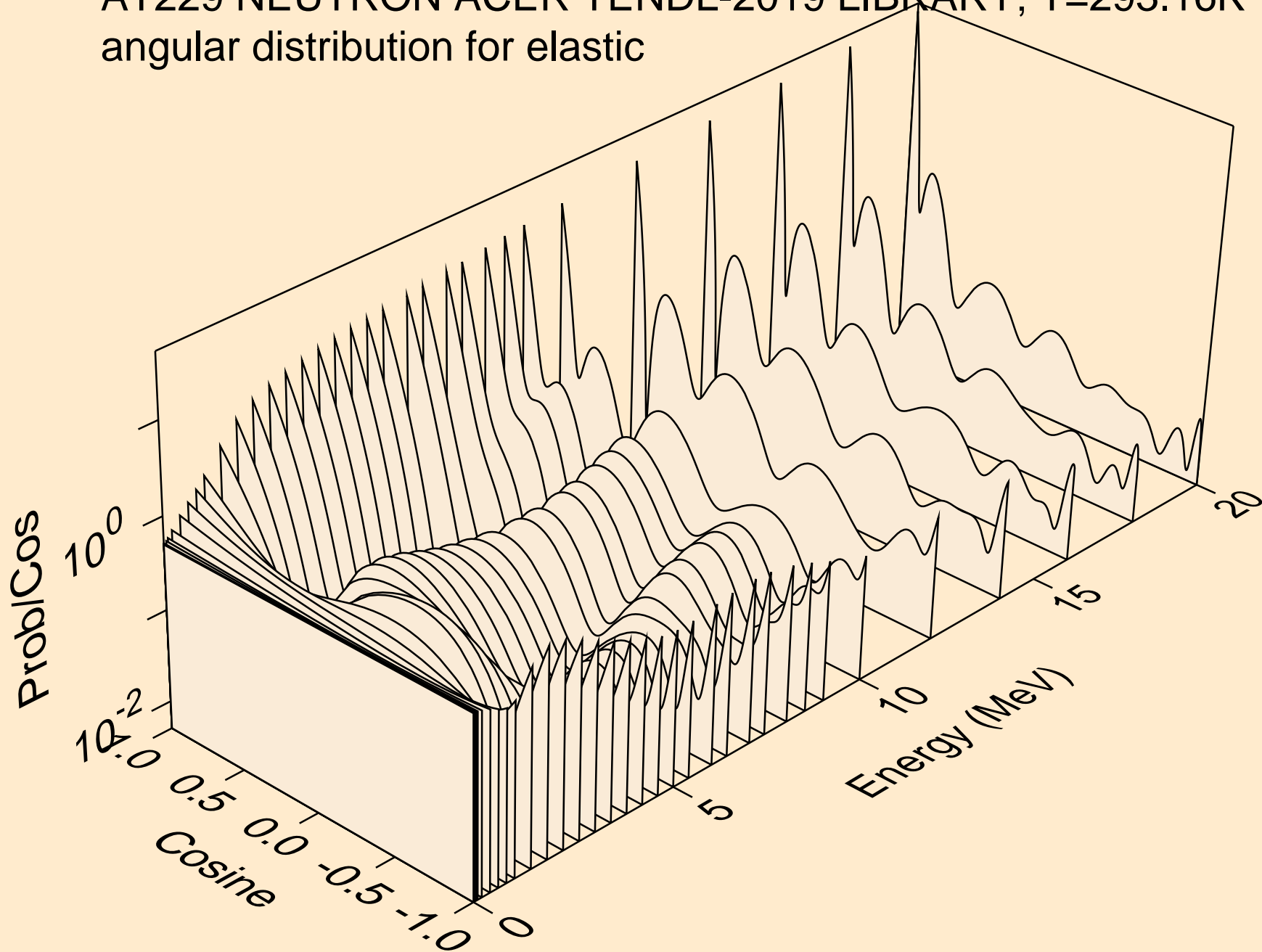


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

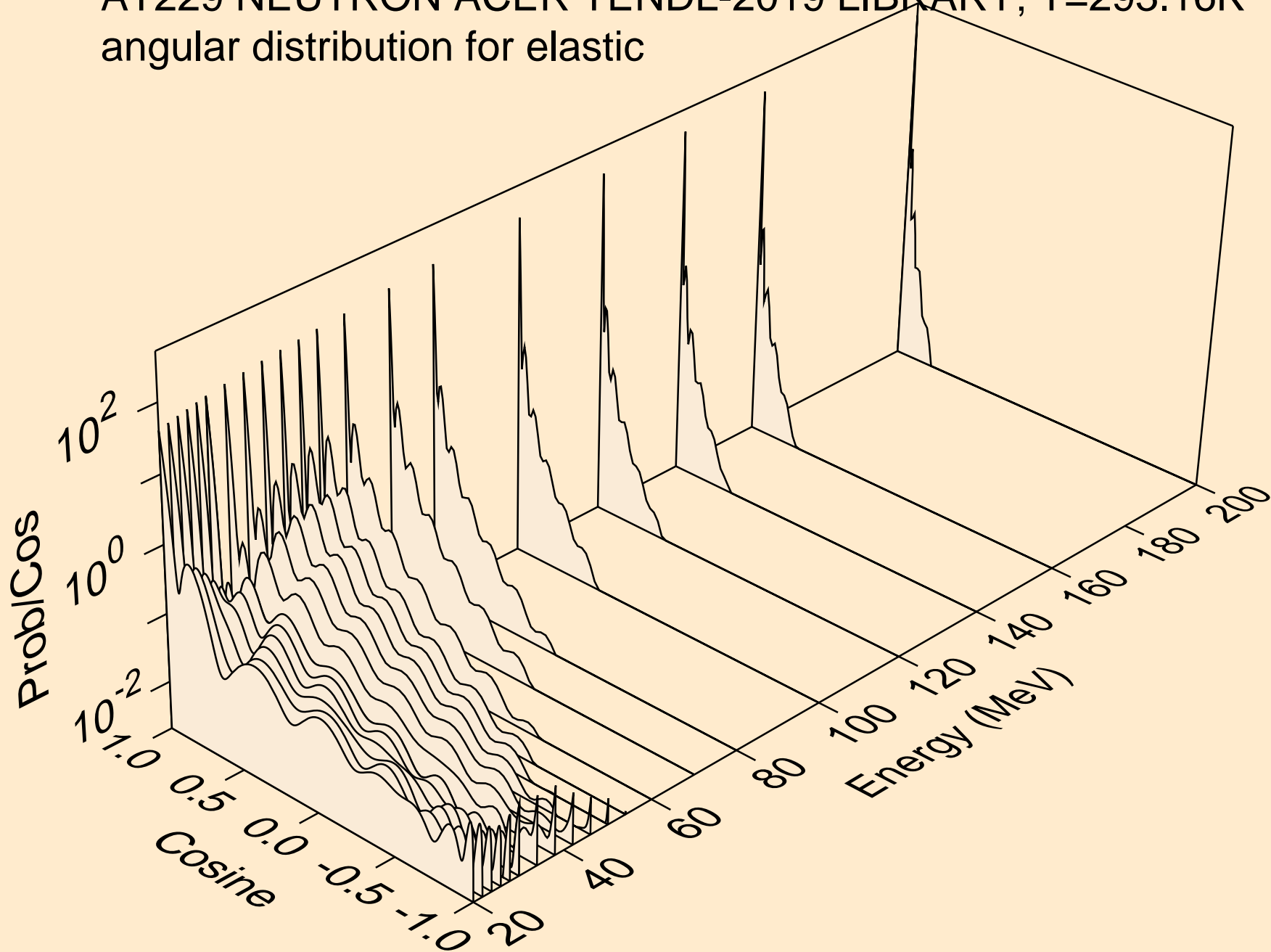




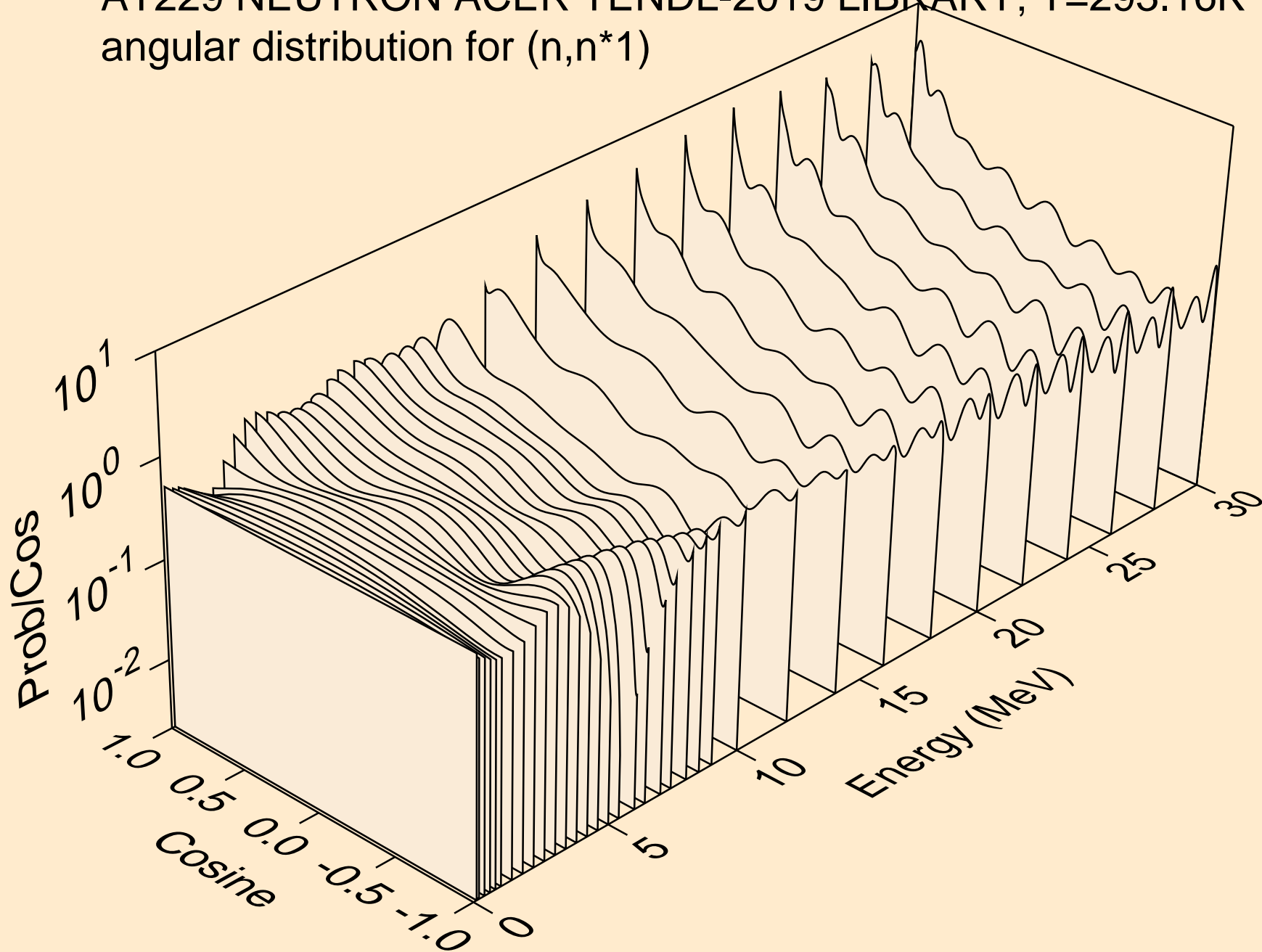
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



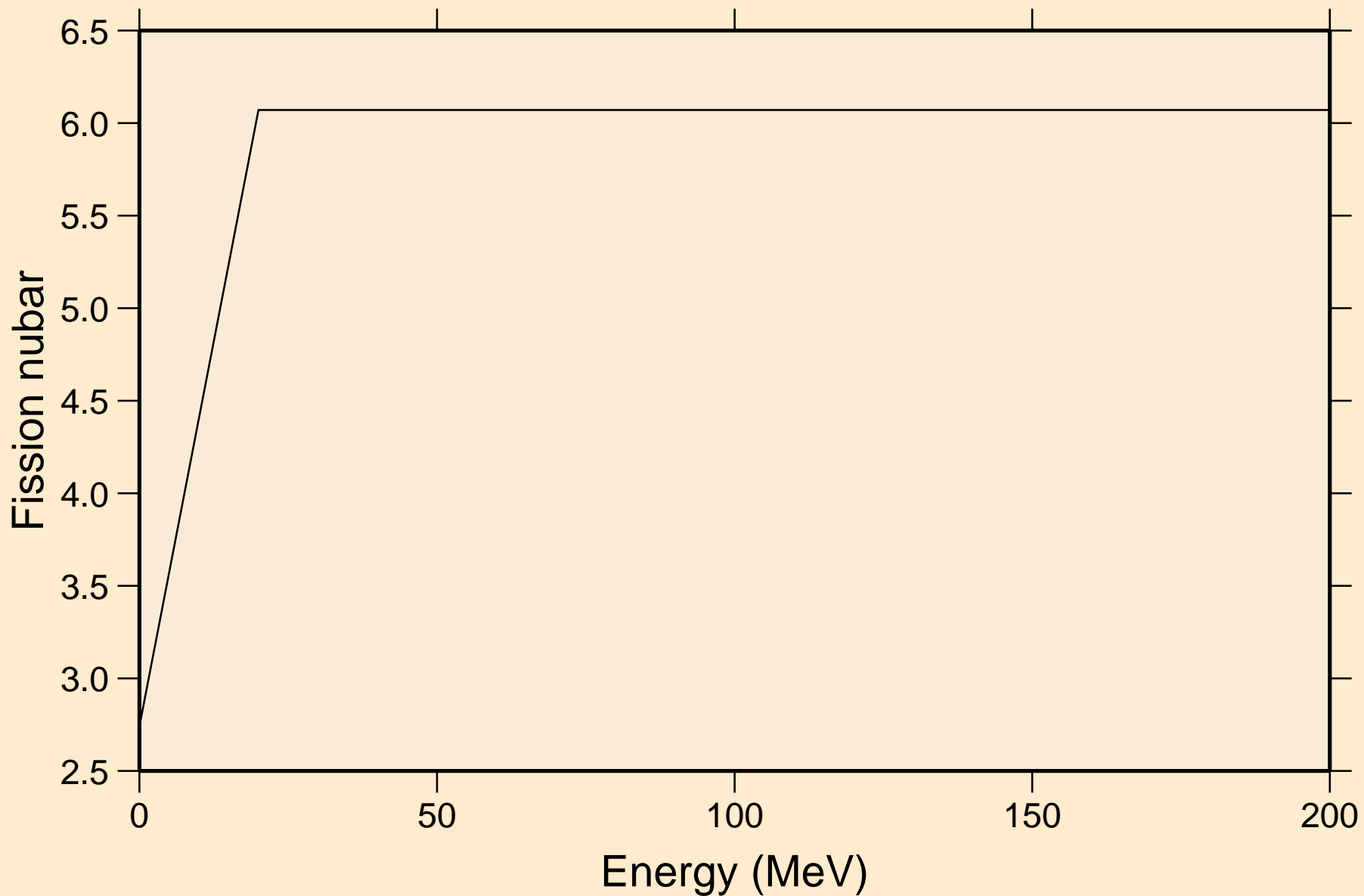
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



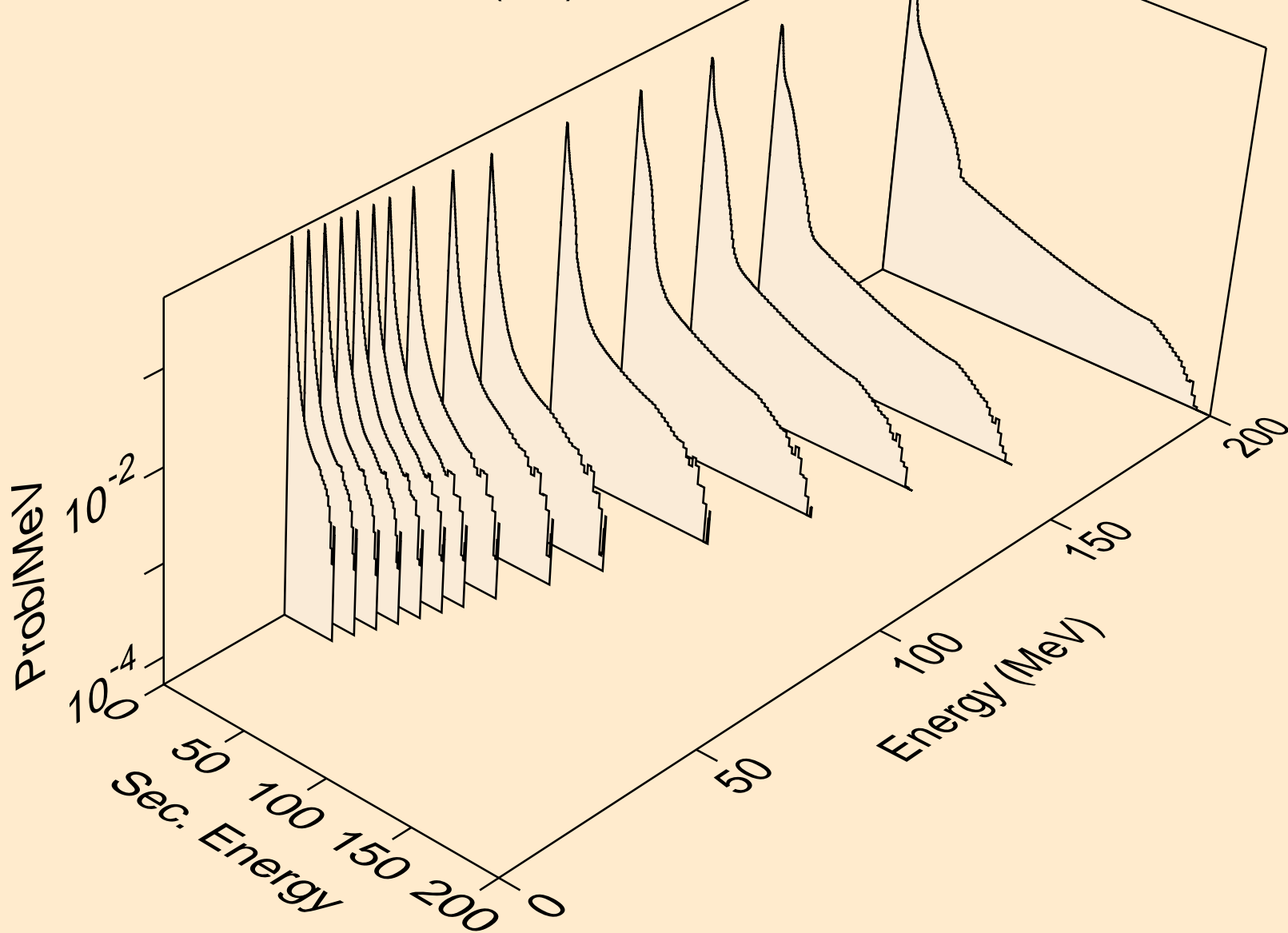
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



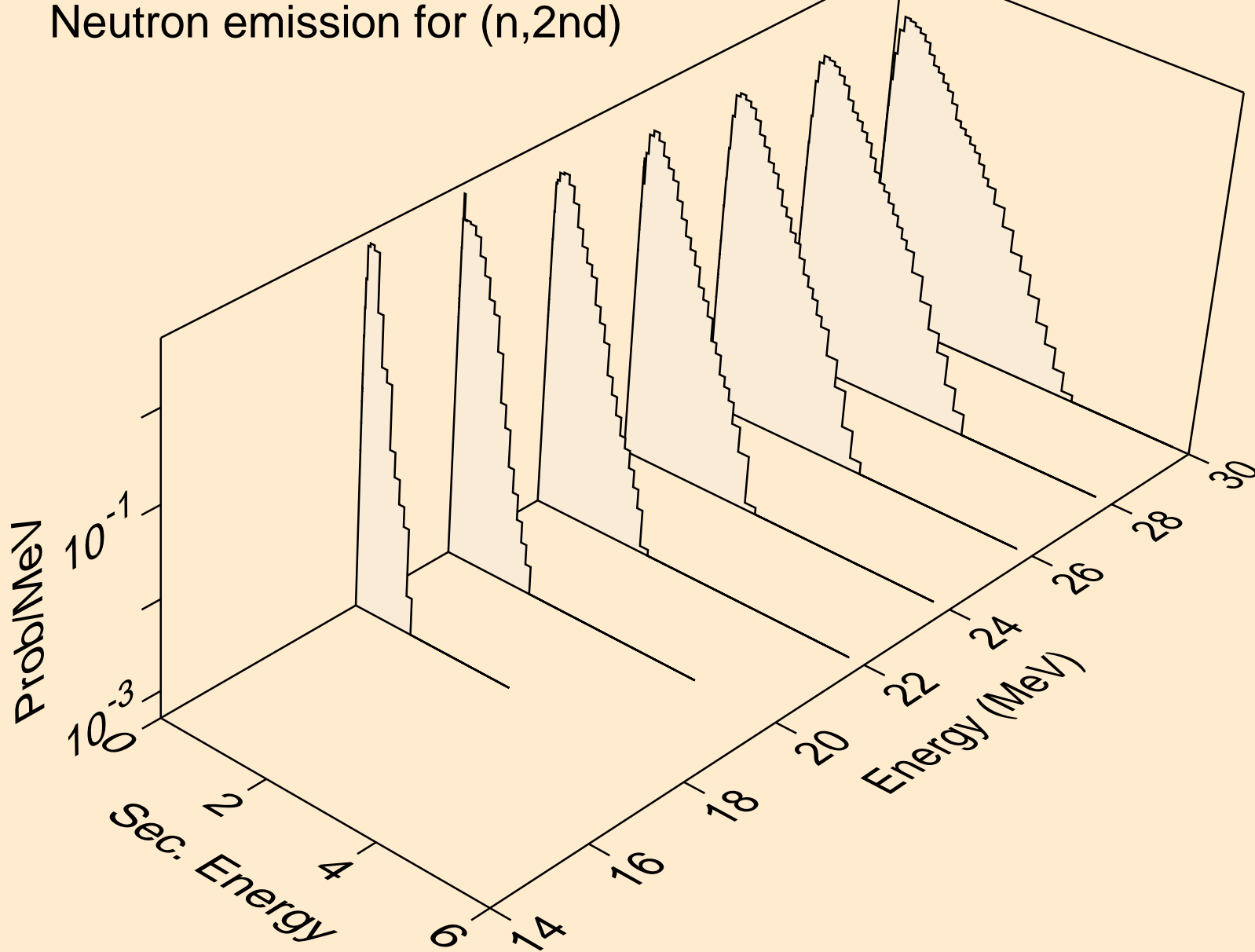
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Total fission nubar



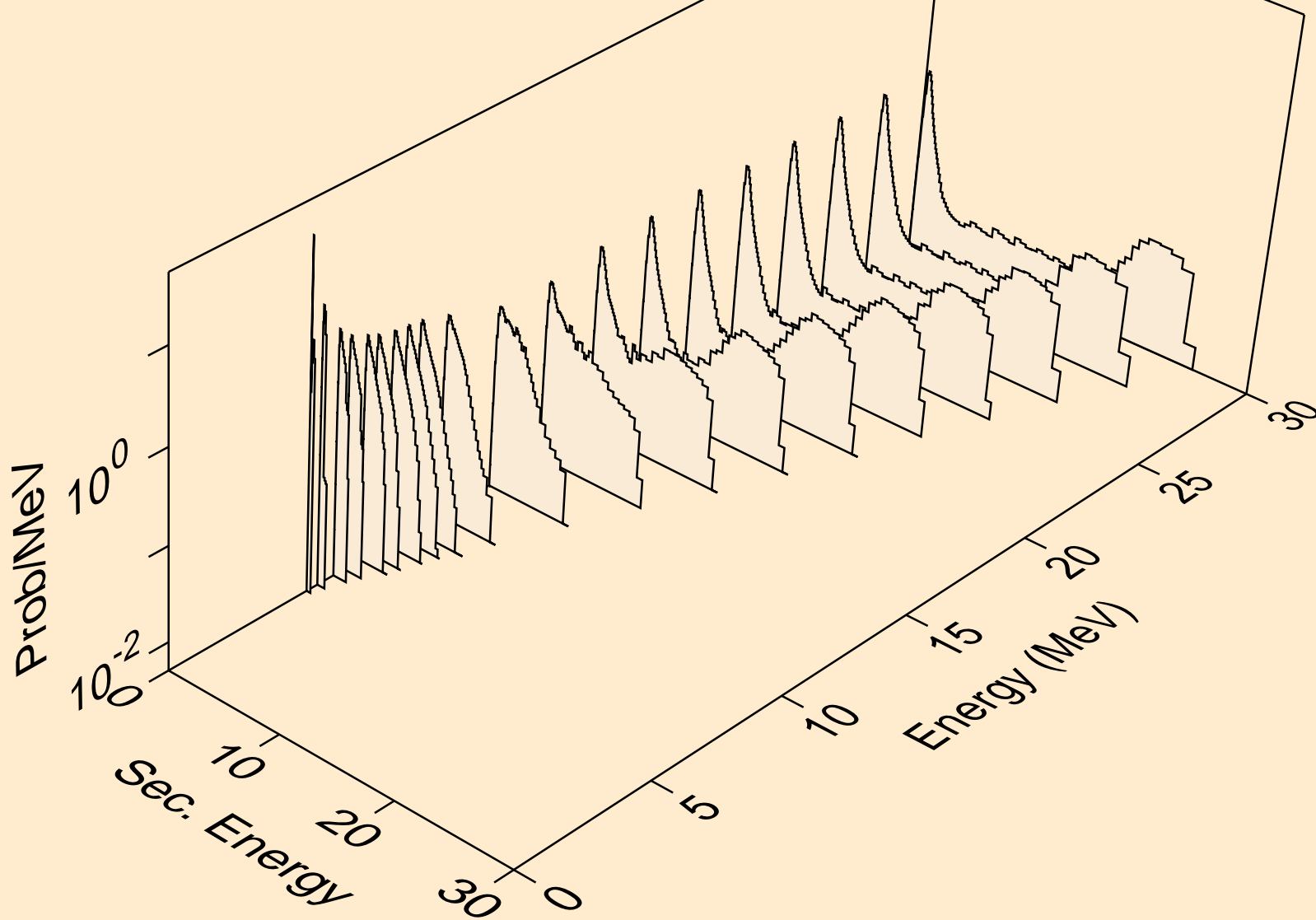
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



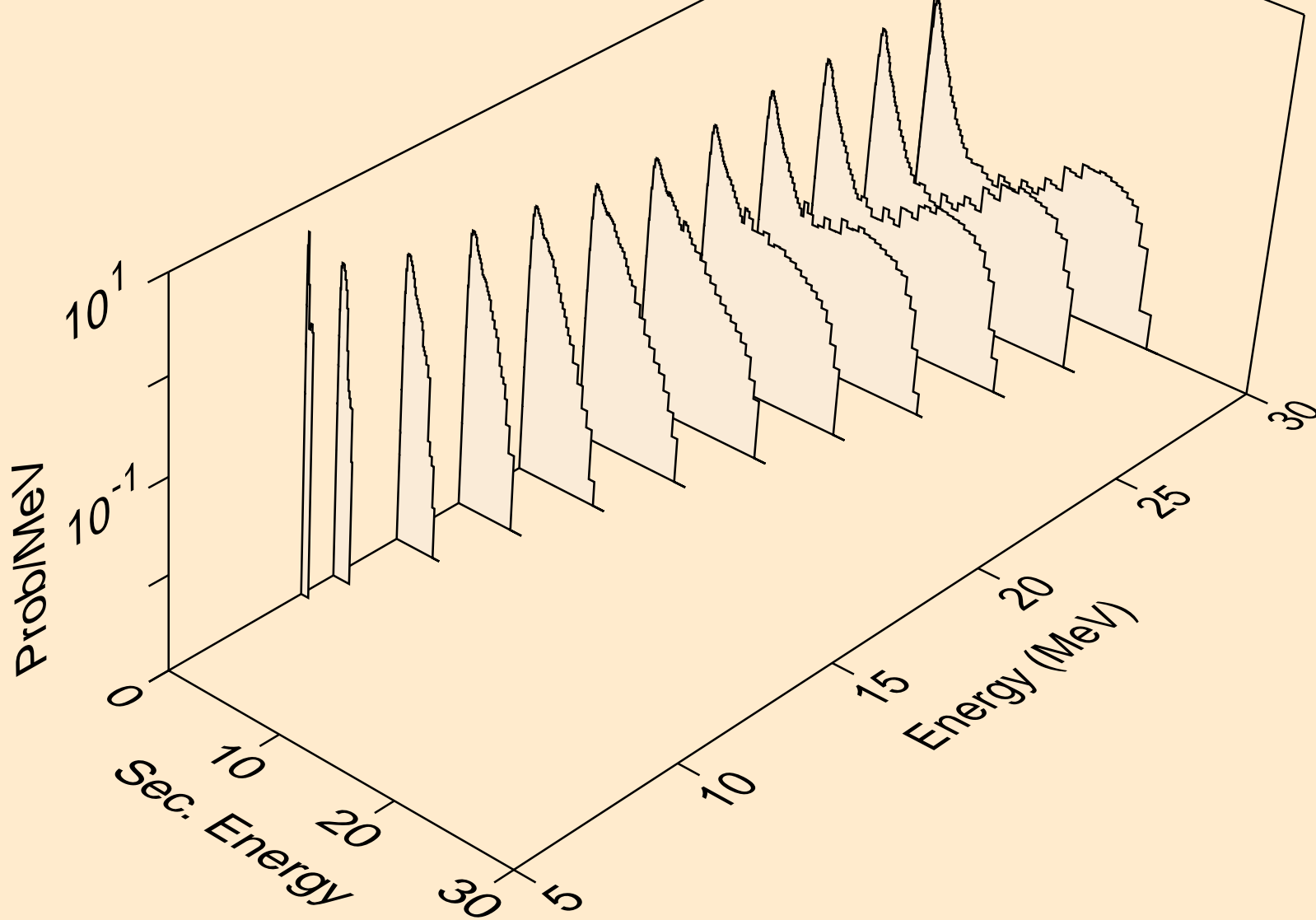
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

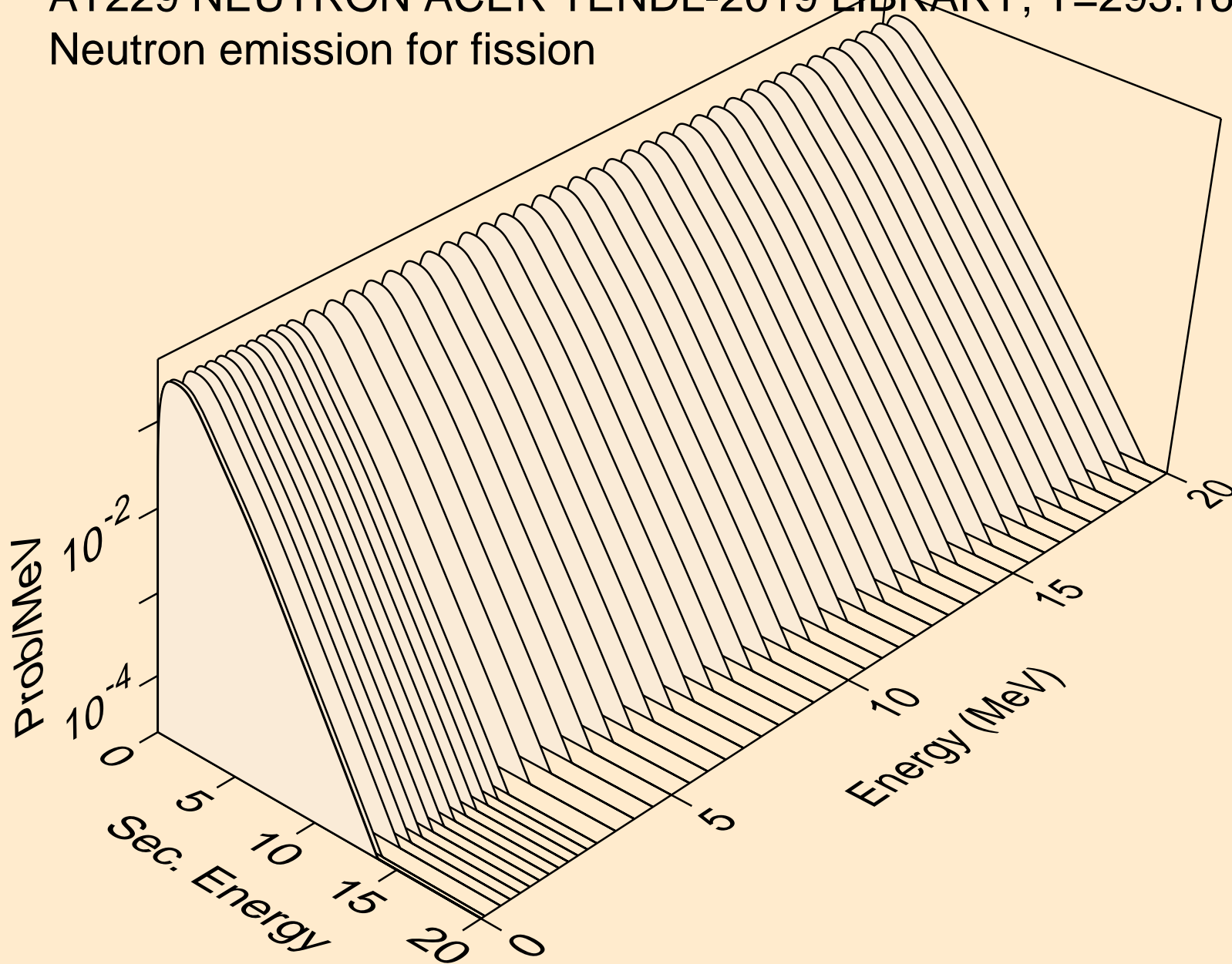


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

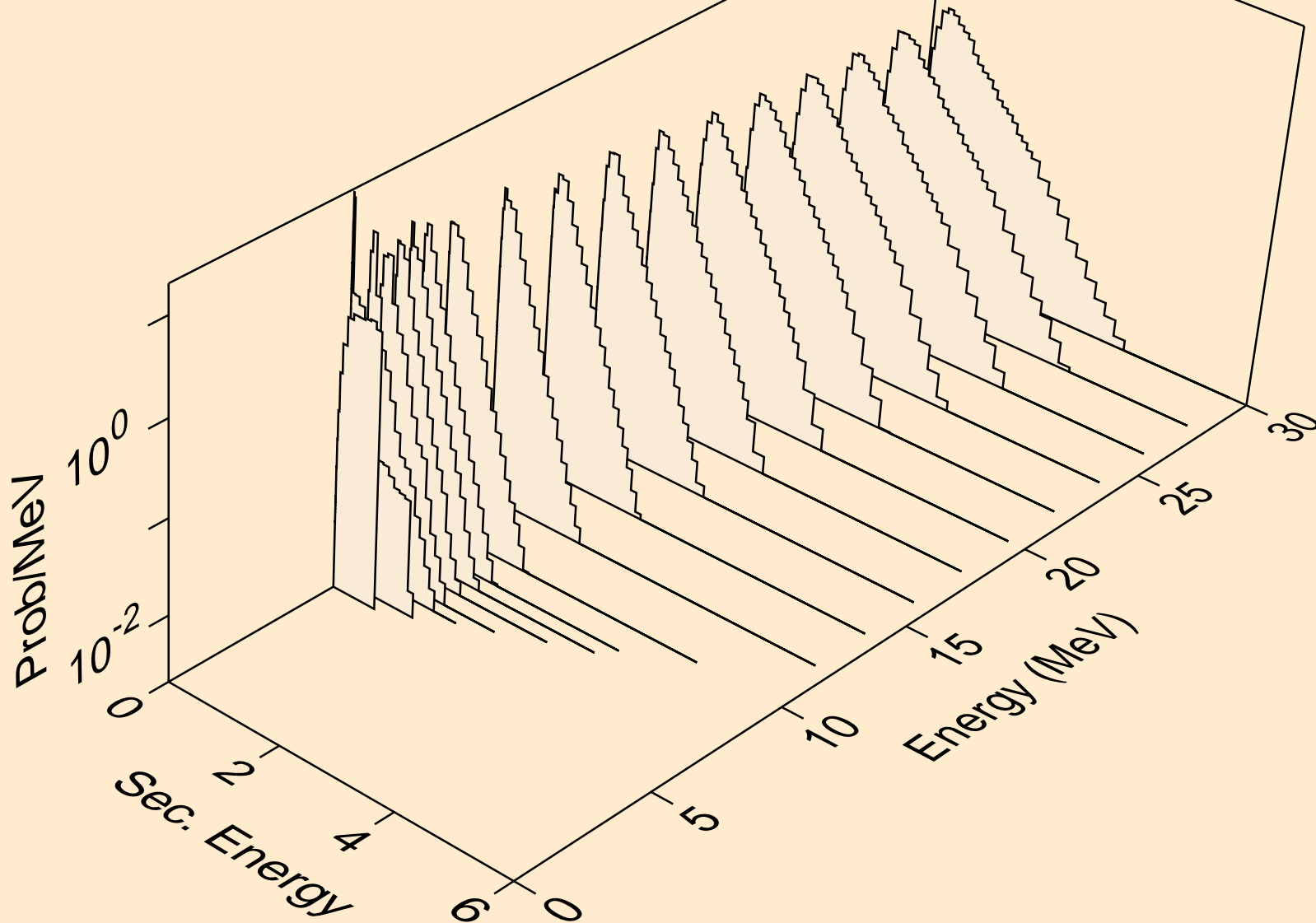




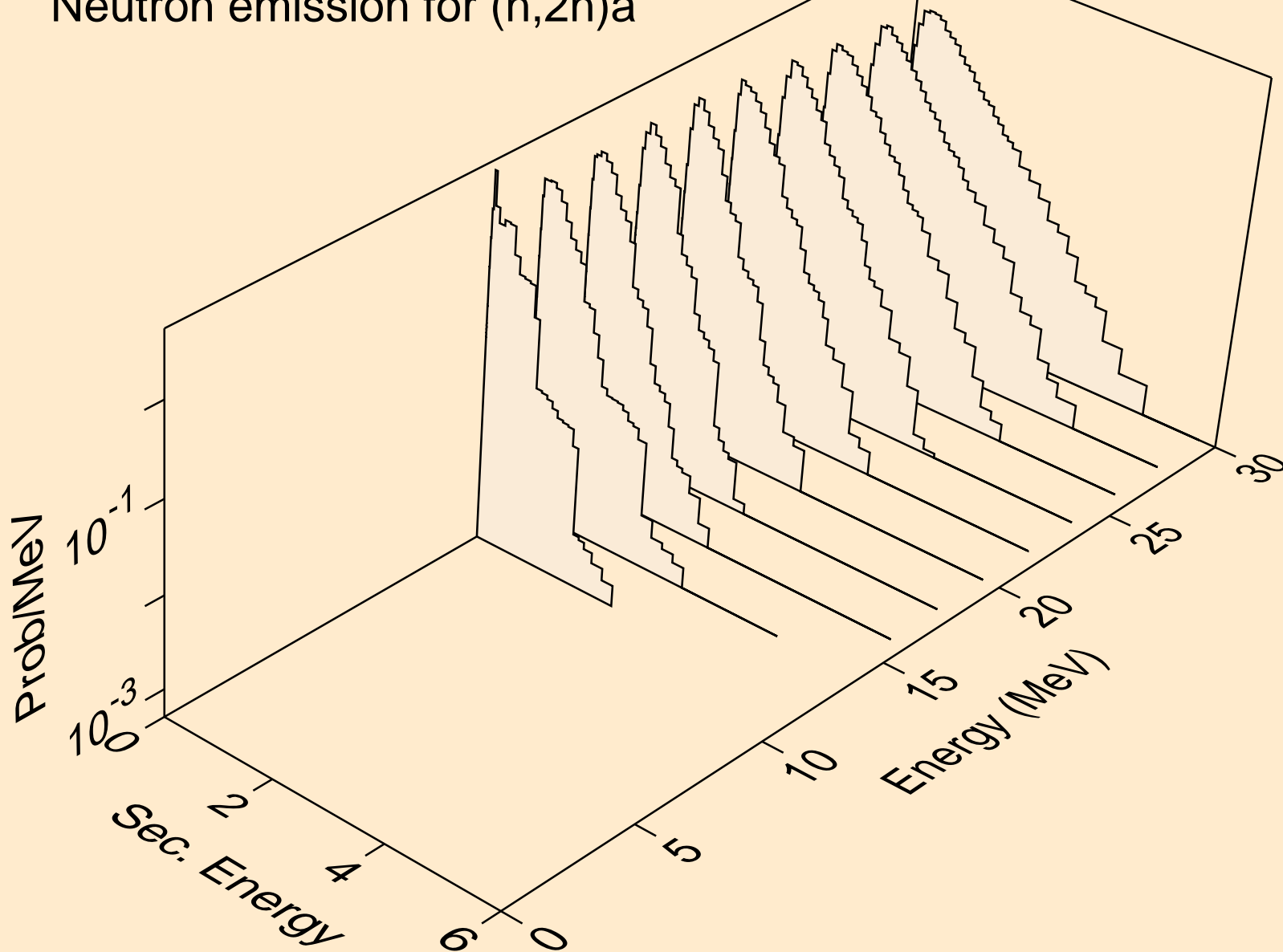
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission



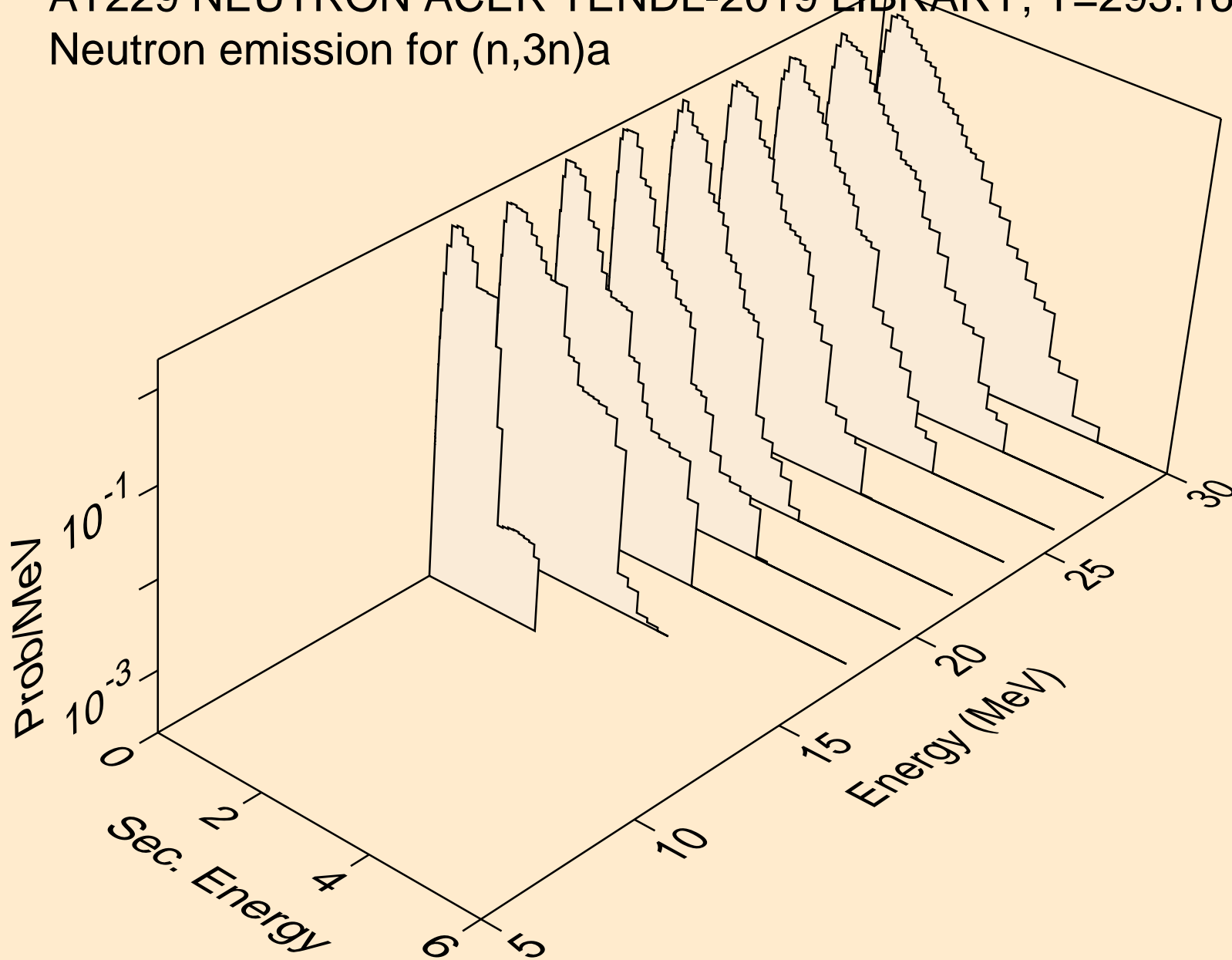
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



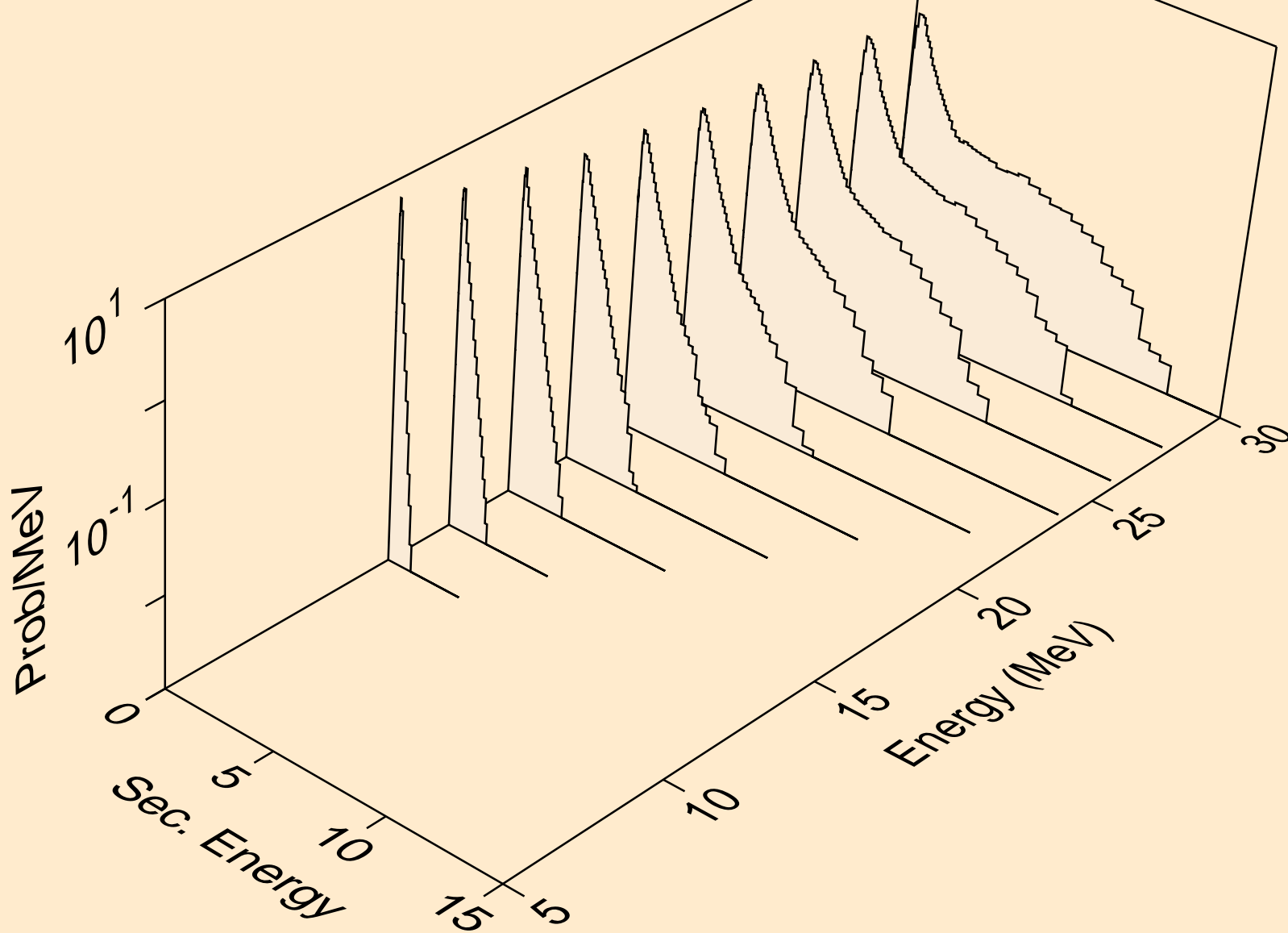
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



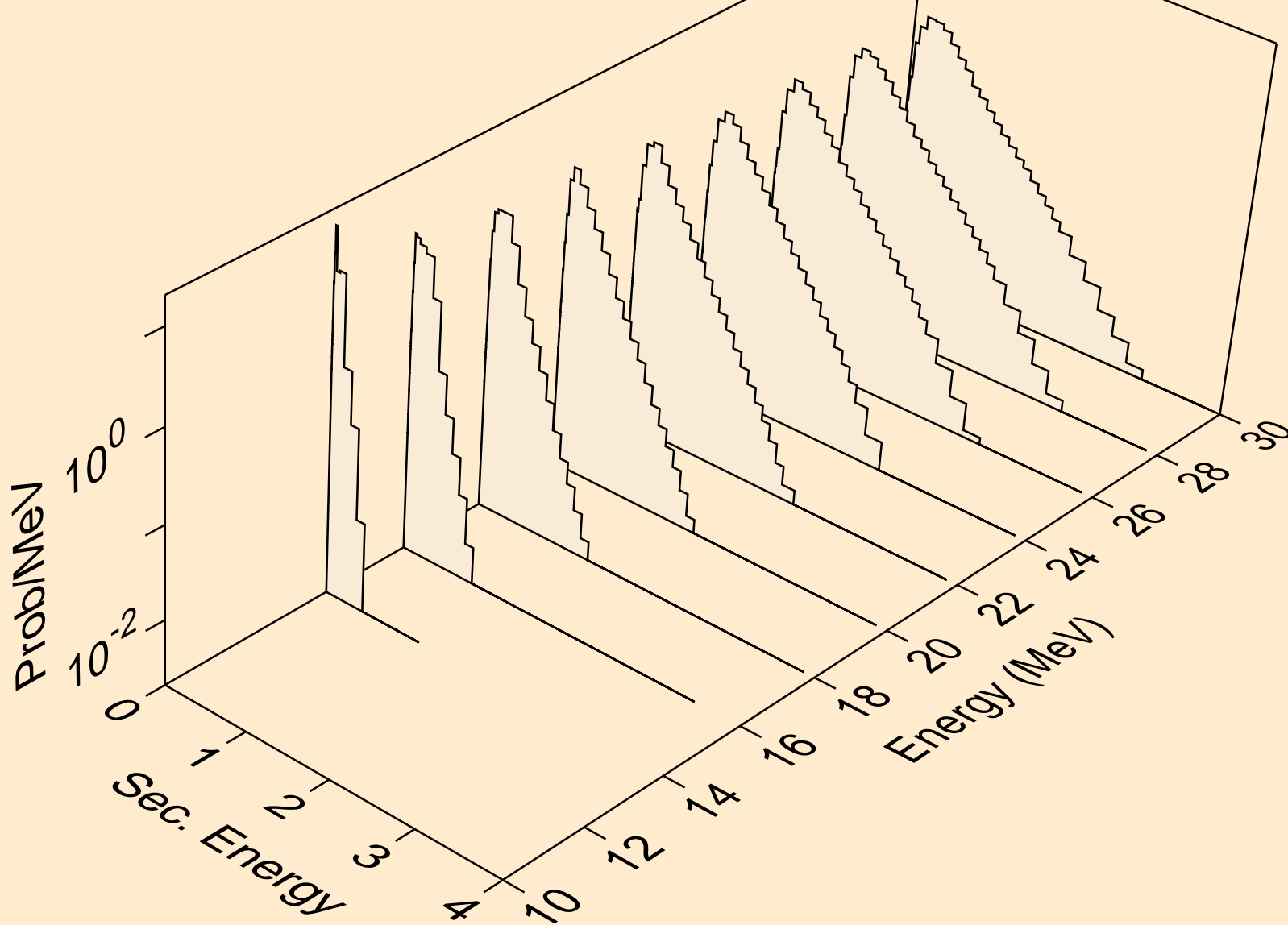
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



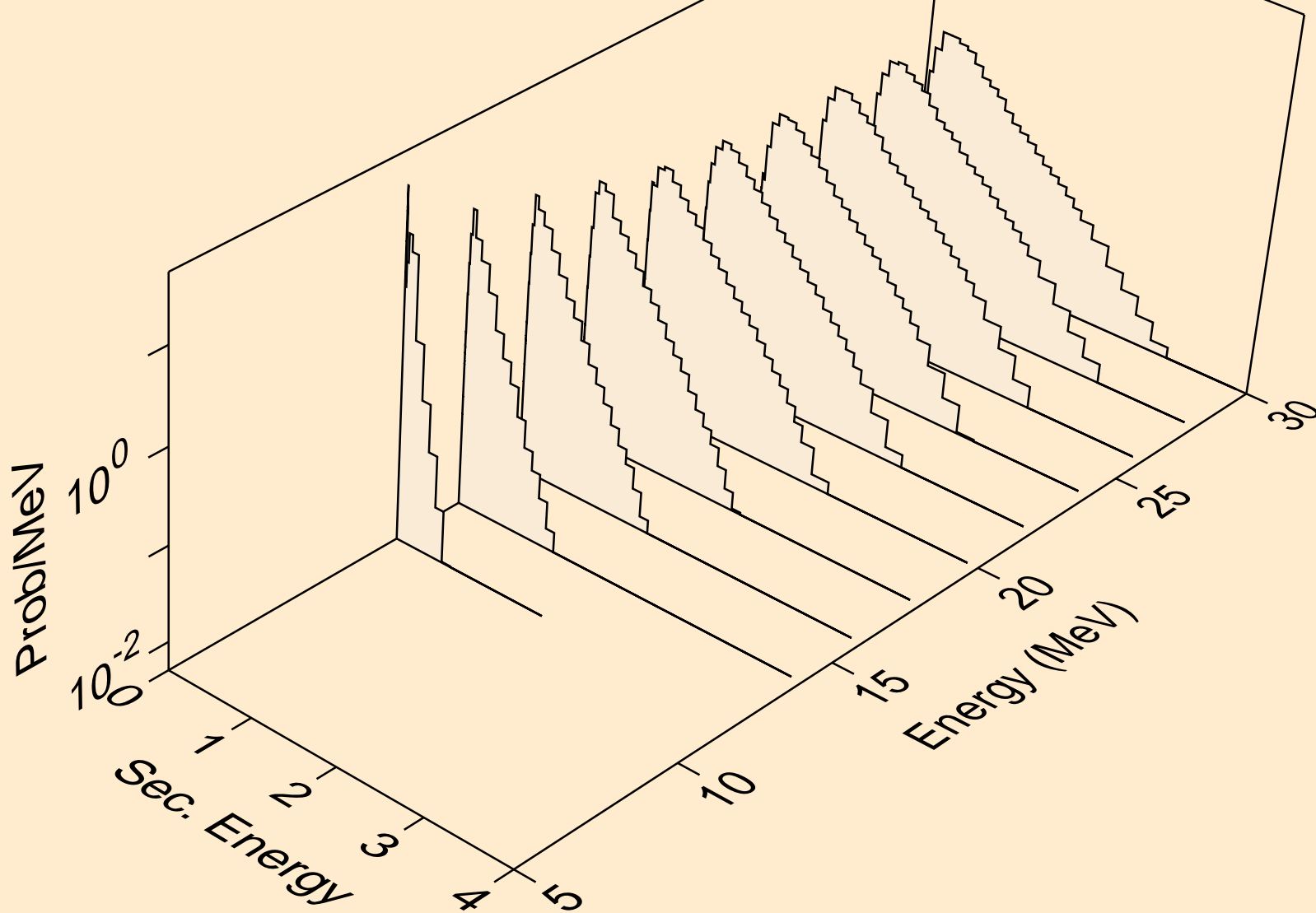
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



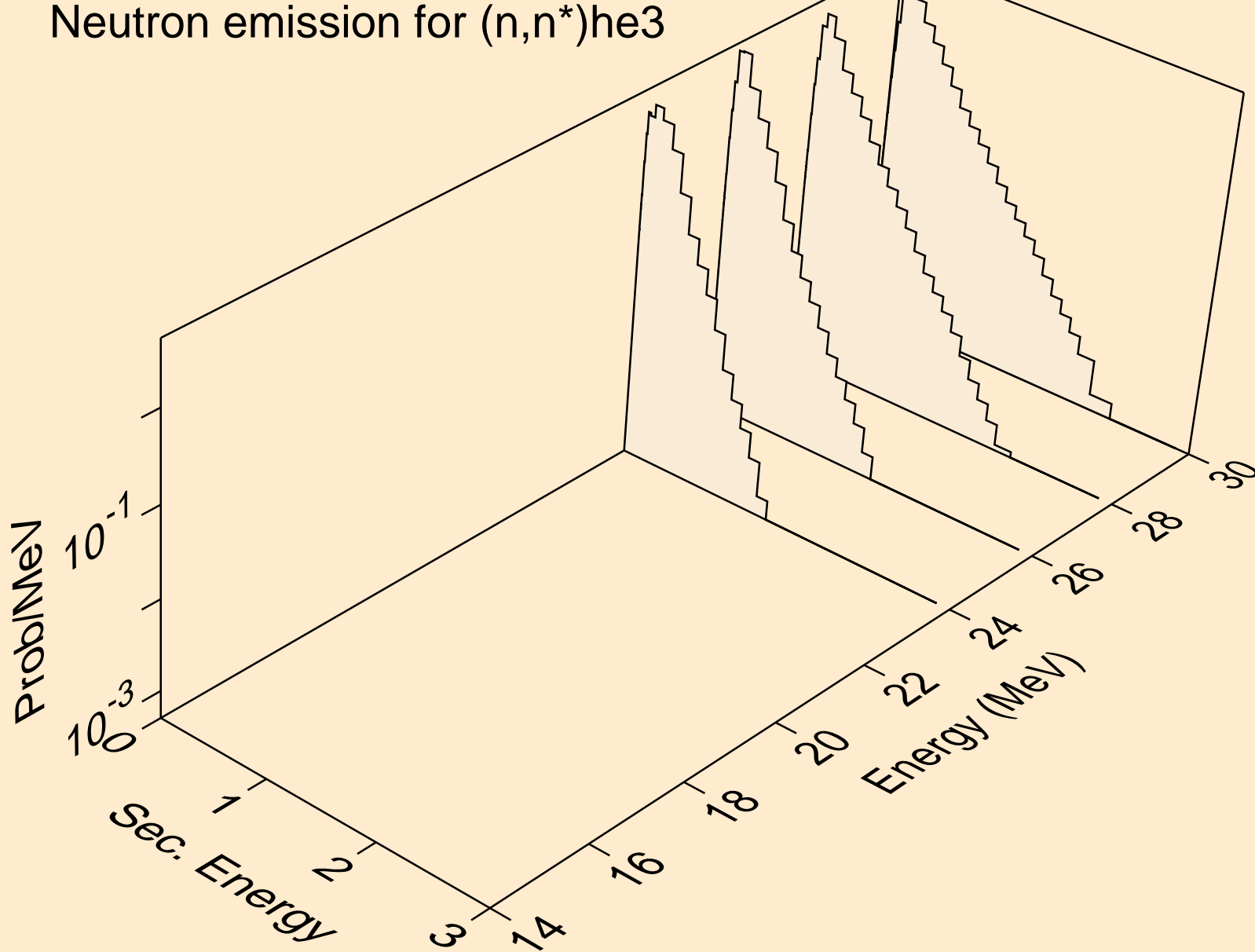
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

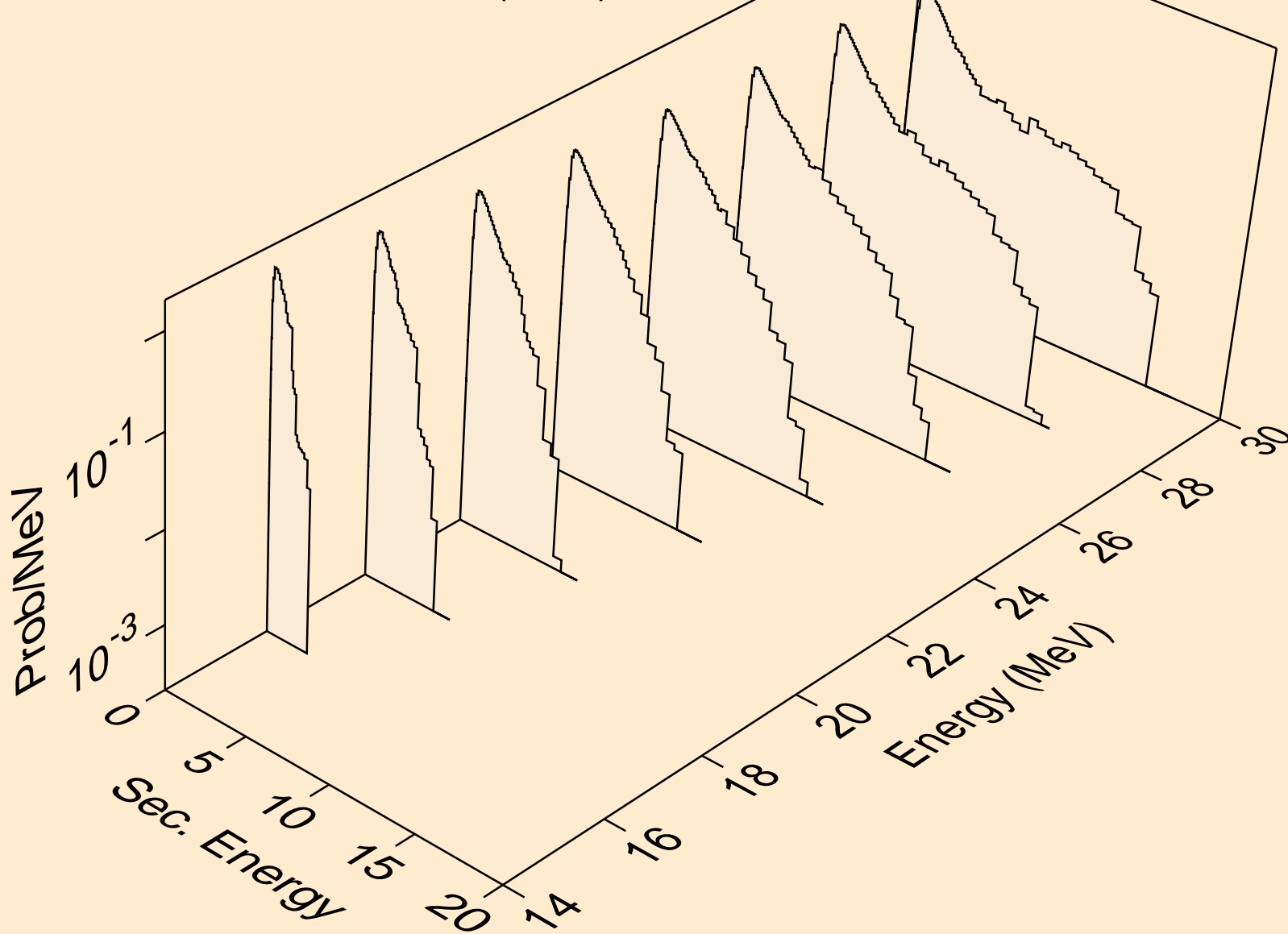


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

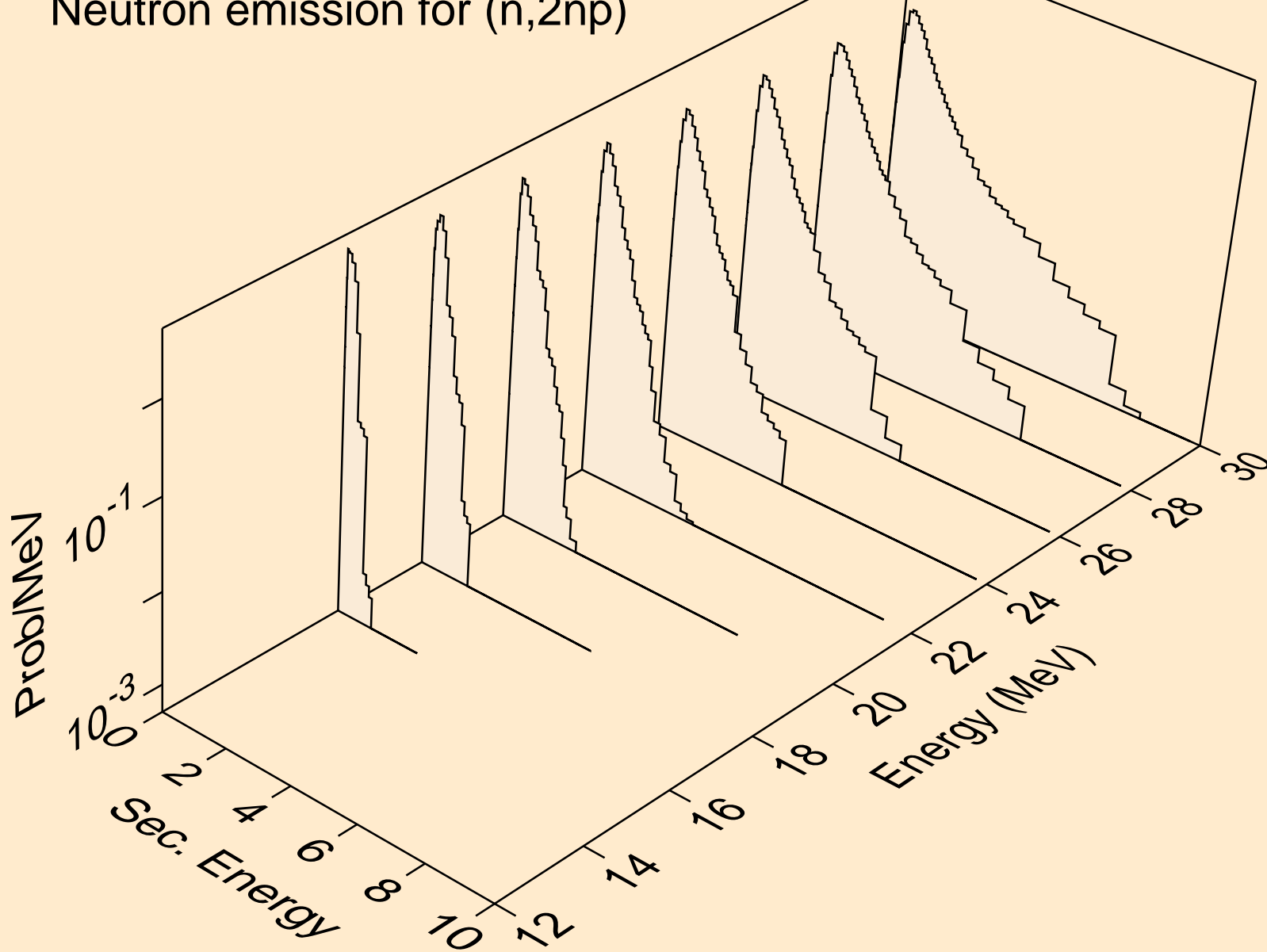




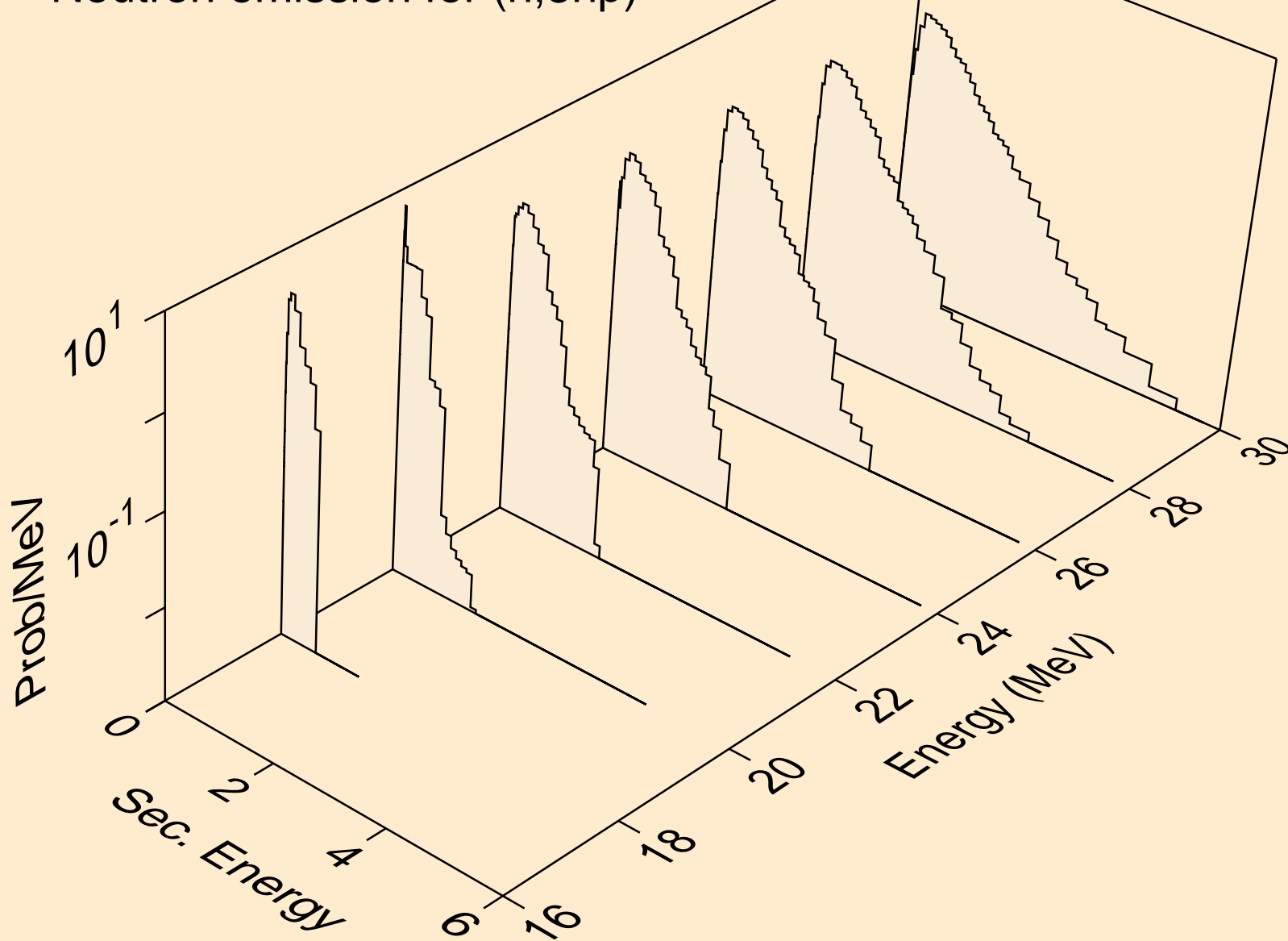
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



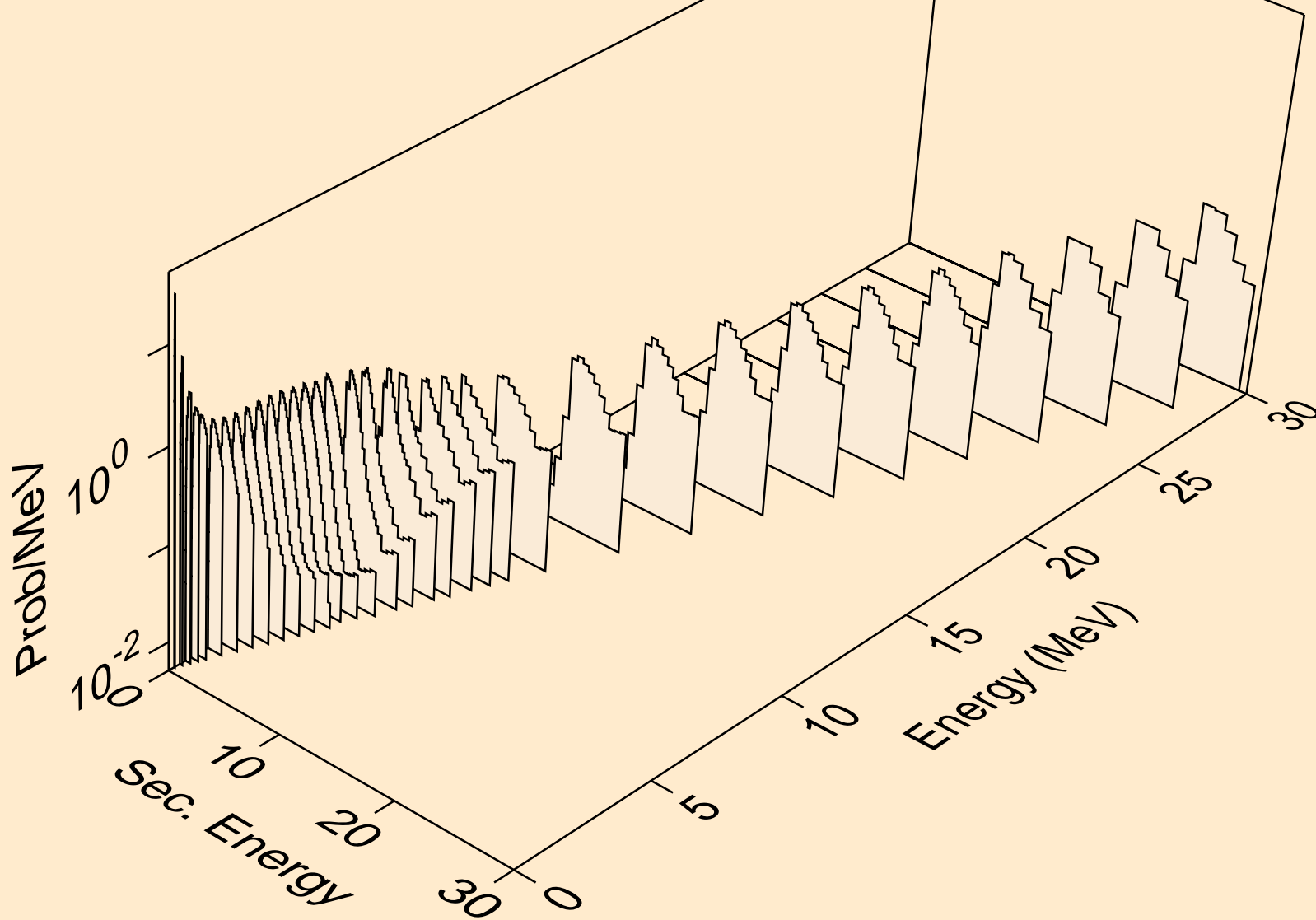
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

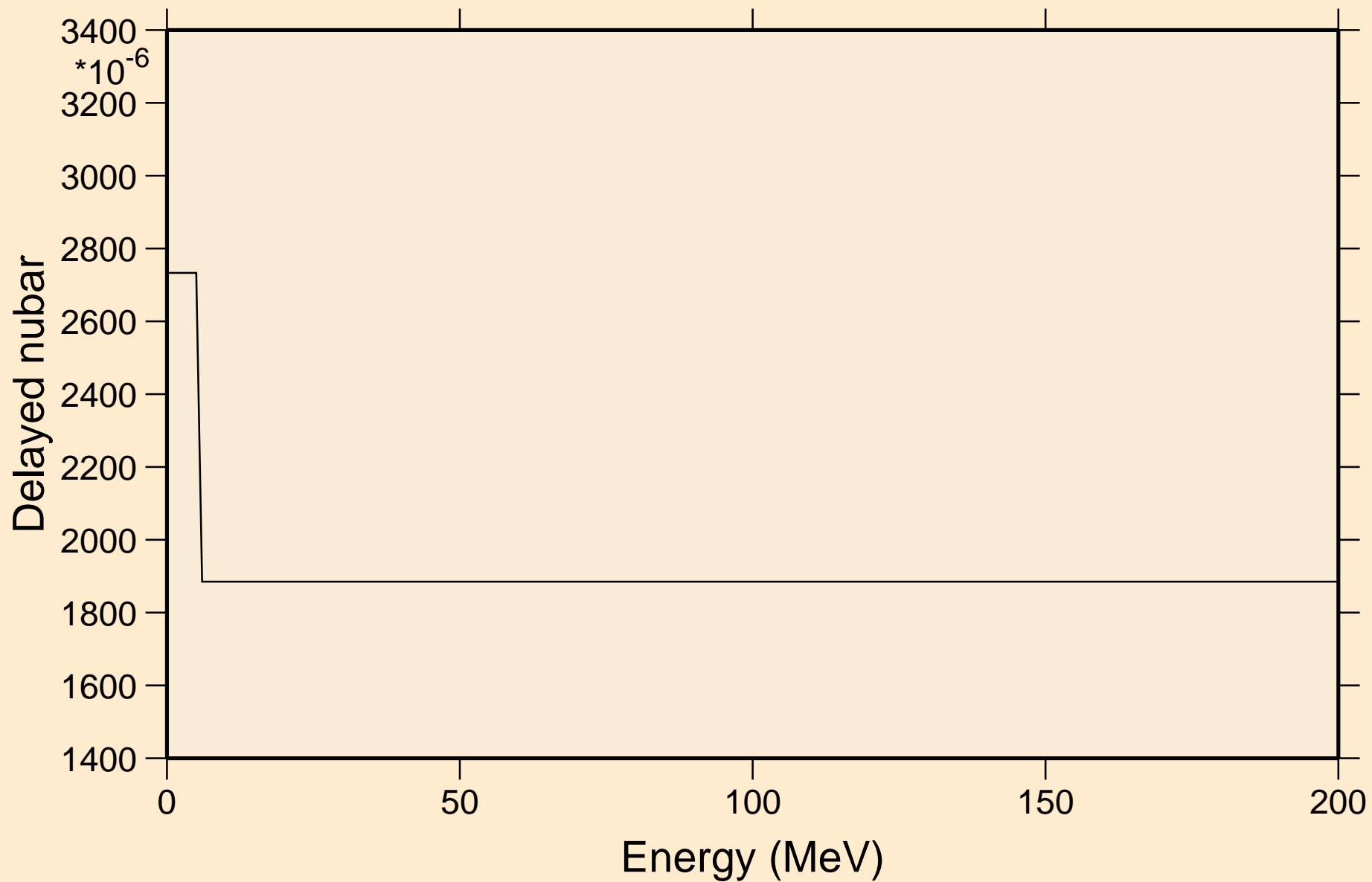


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



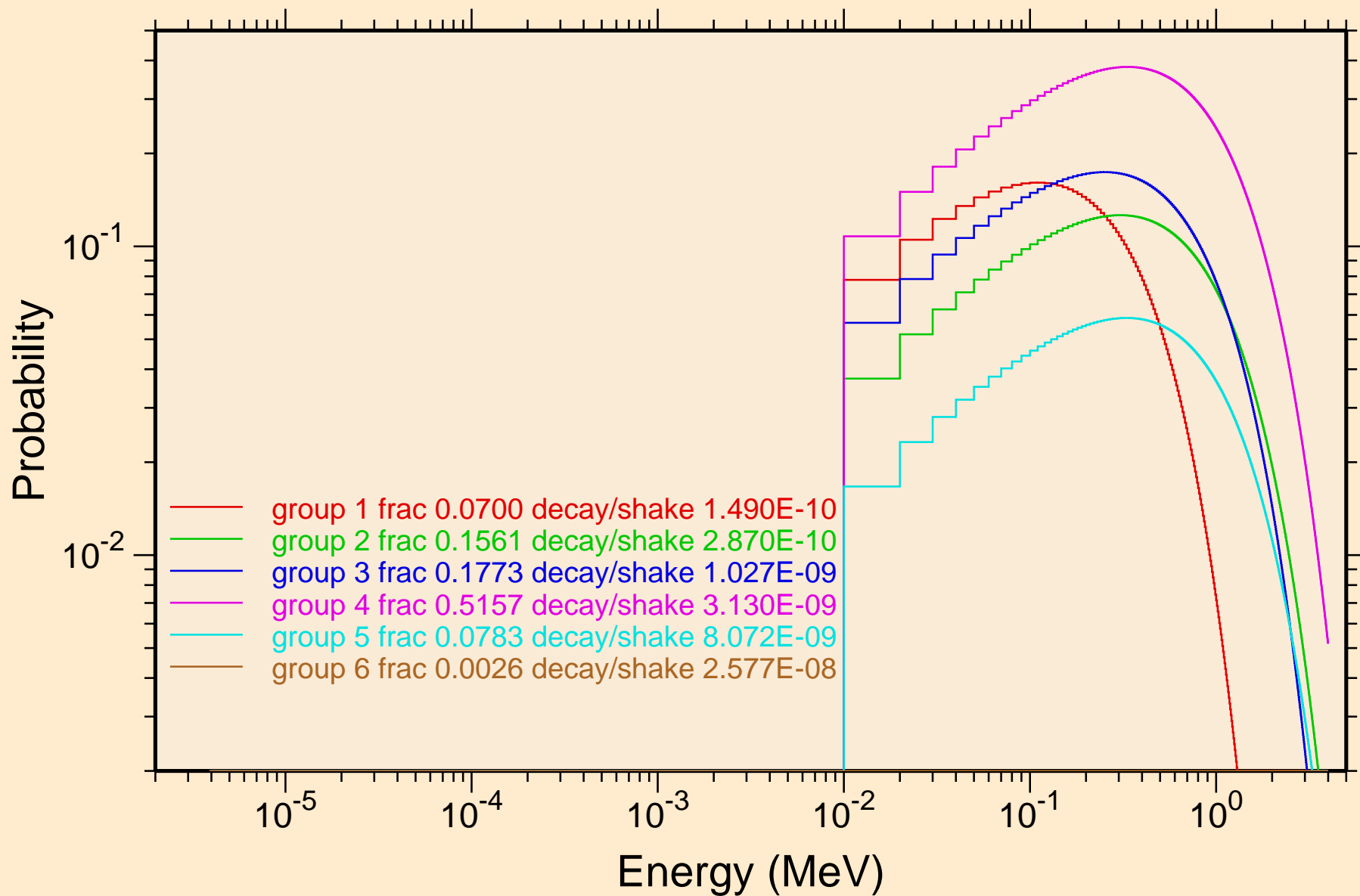
# AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Delayed nubar

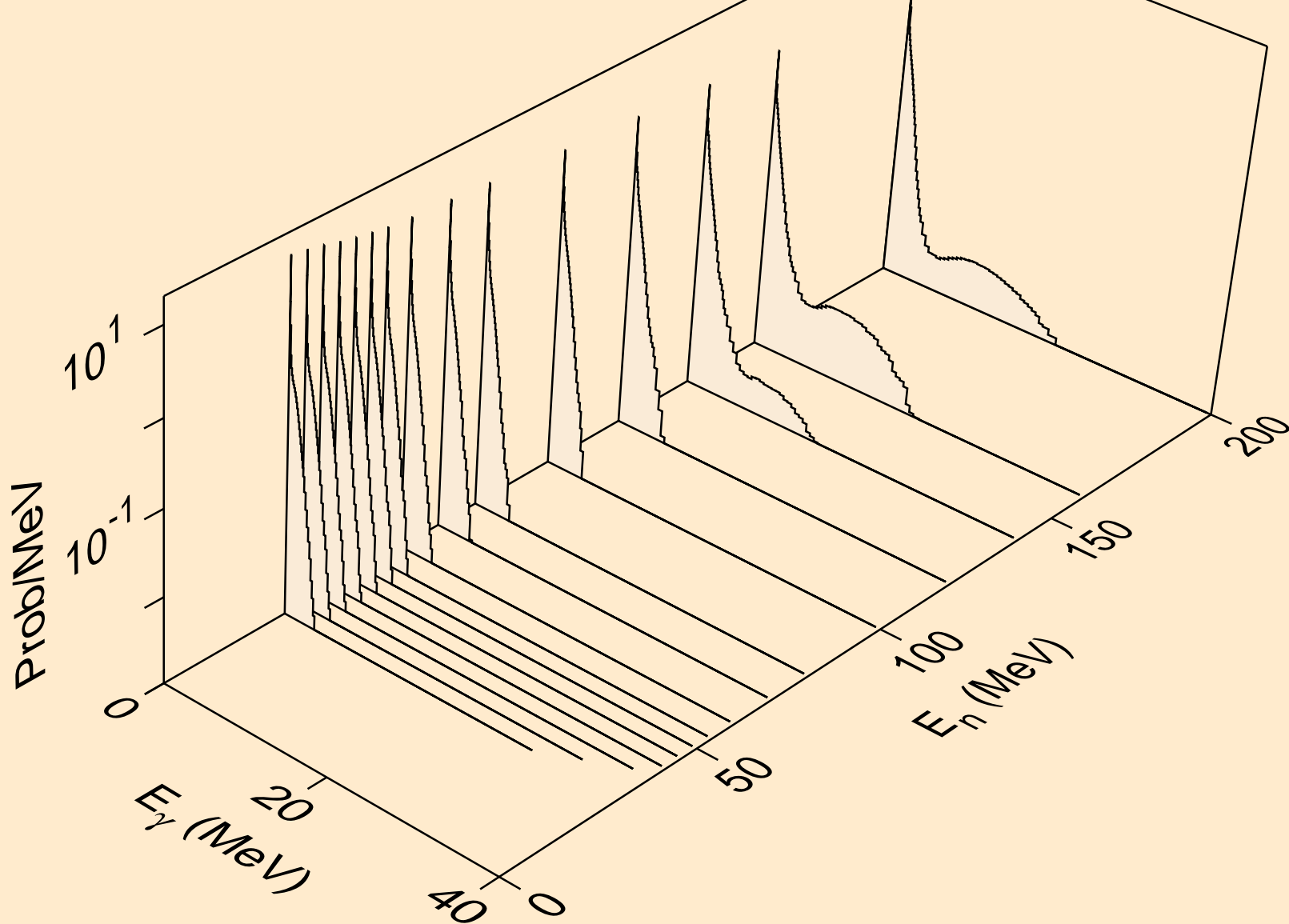


# AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

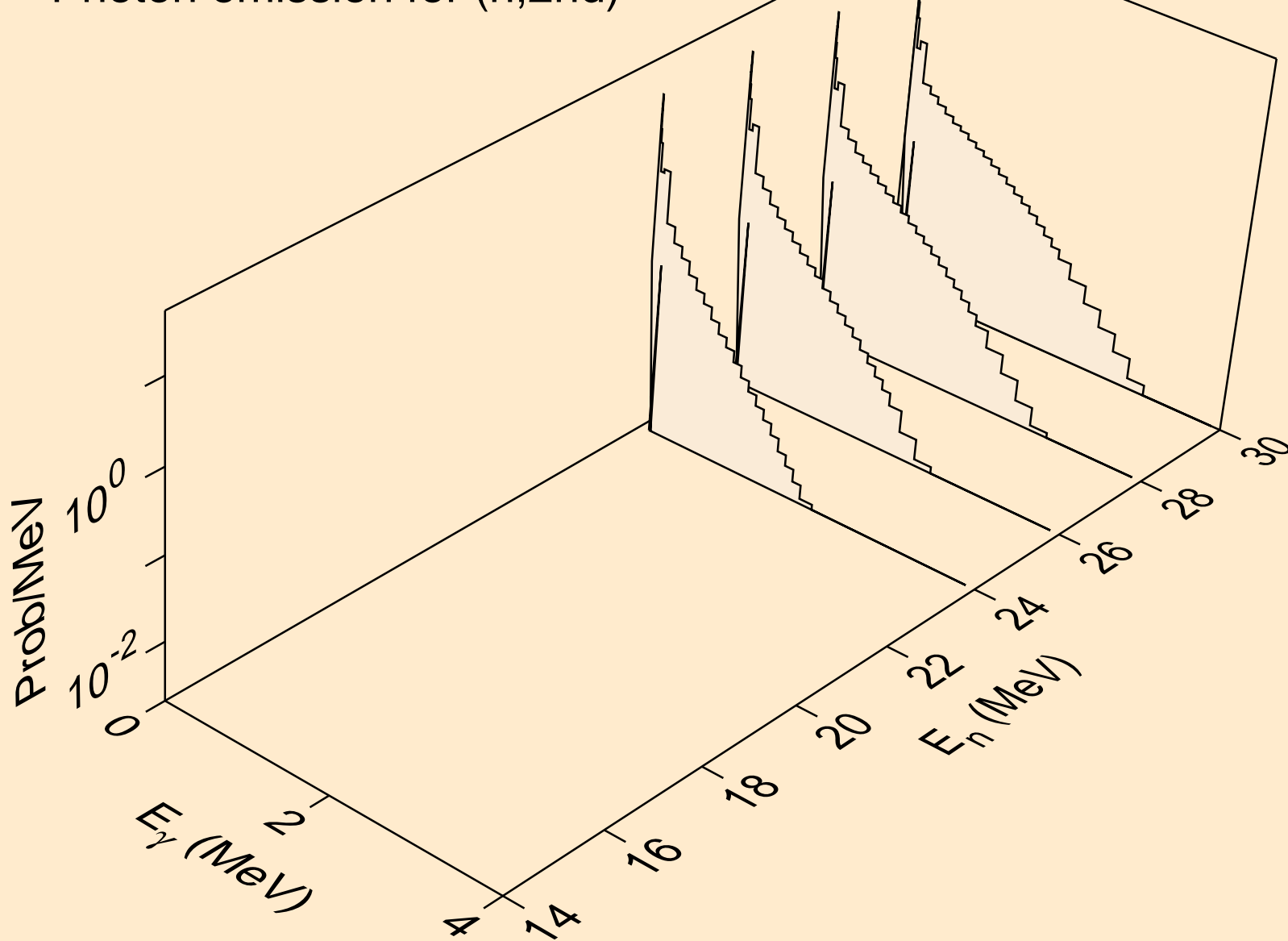
## Delayed neutron spectra



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

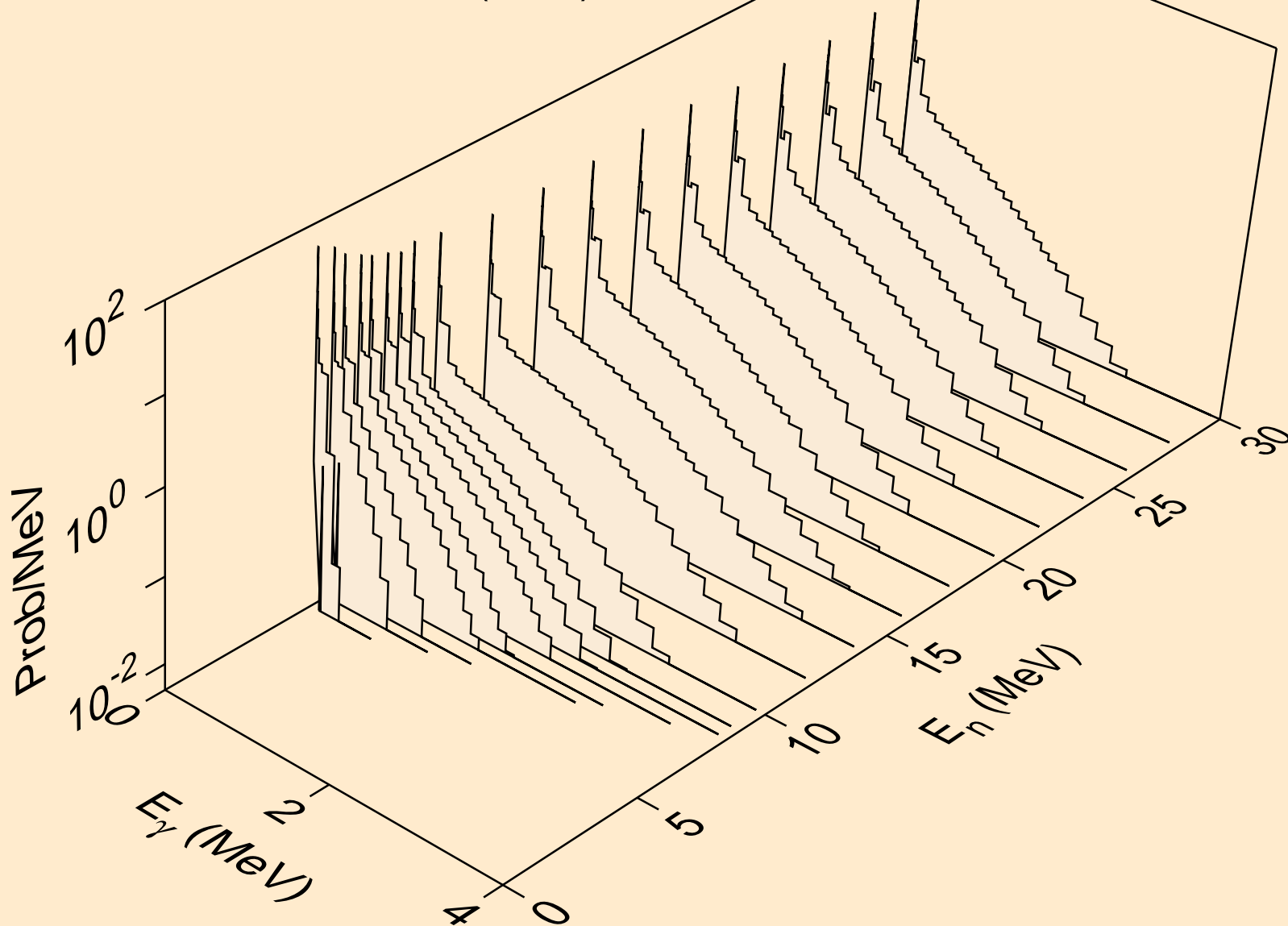


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)

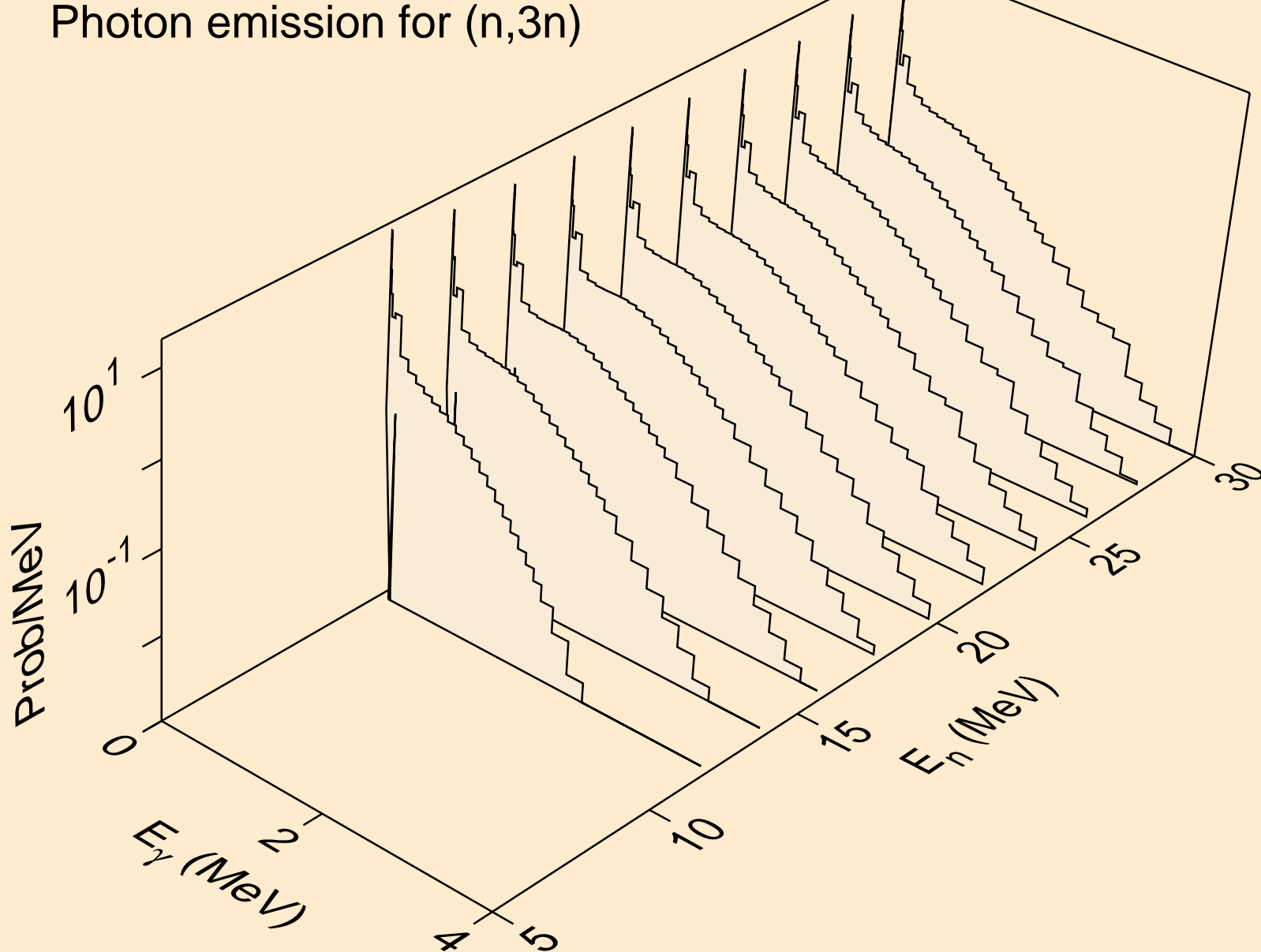




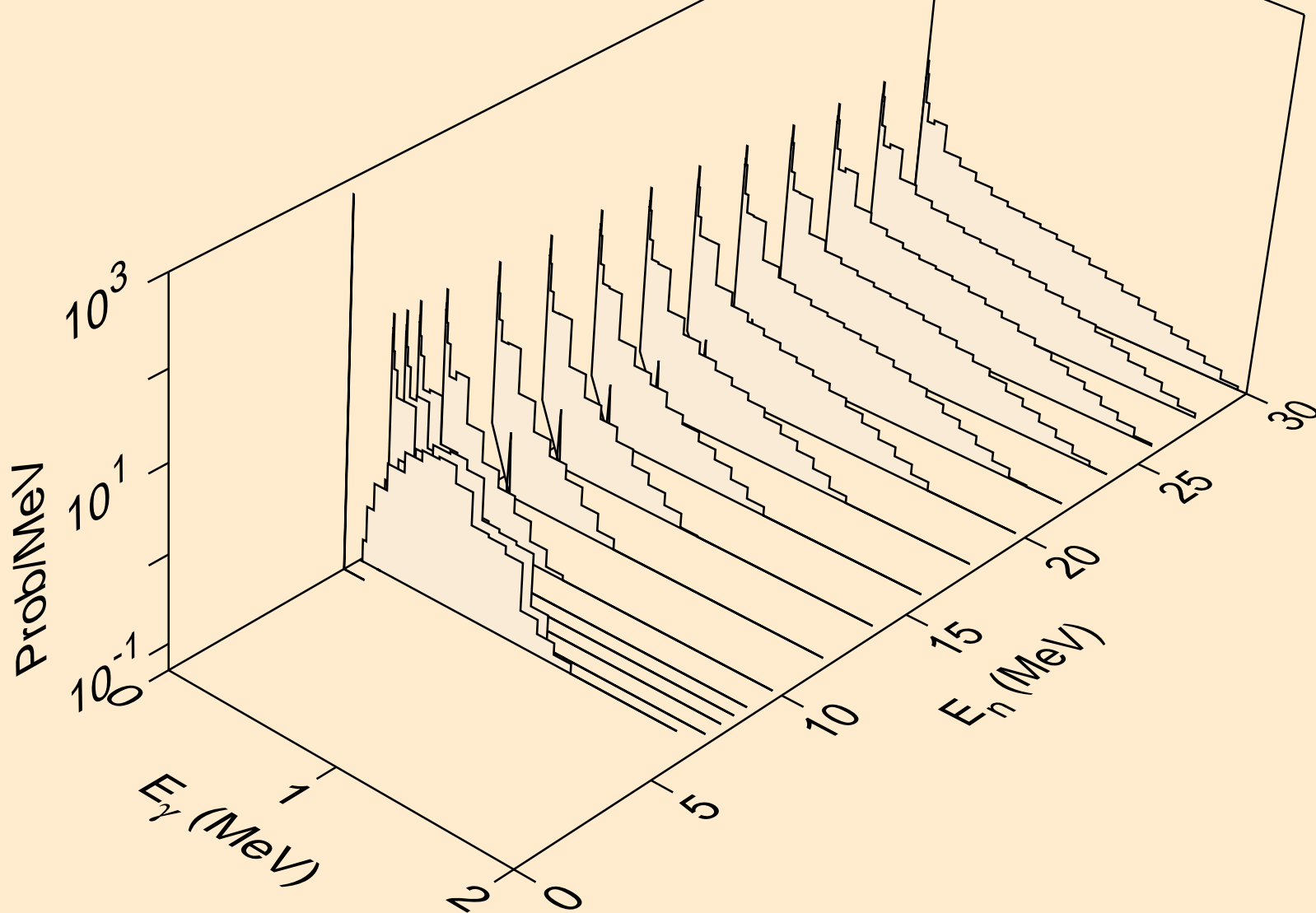
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



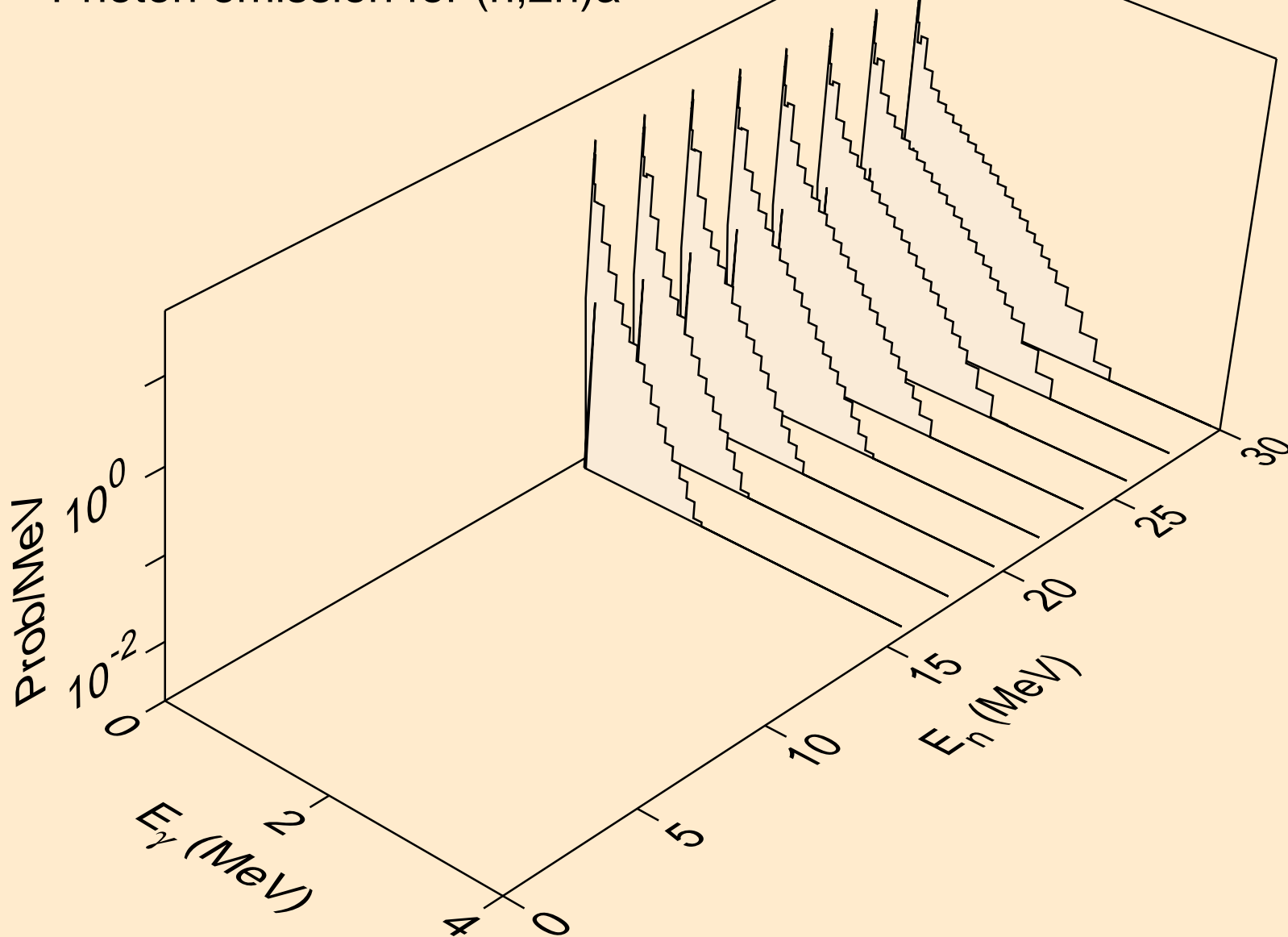
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



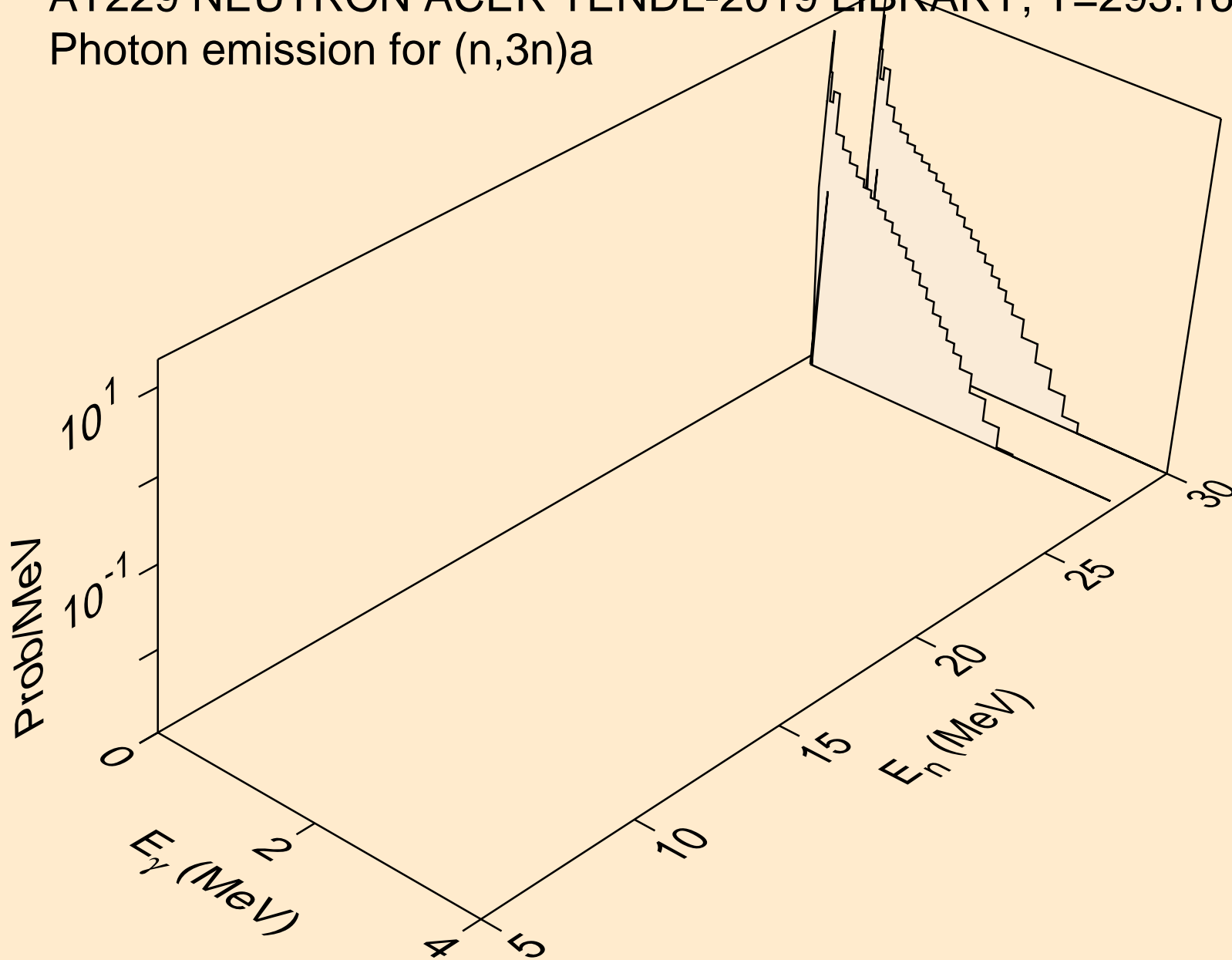
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



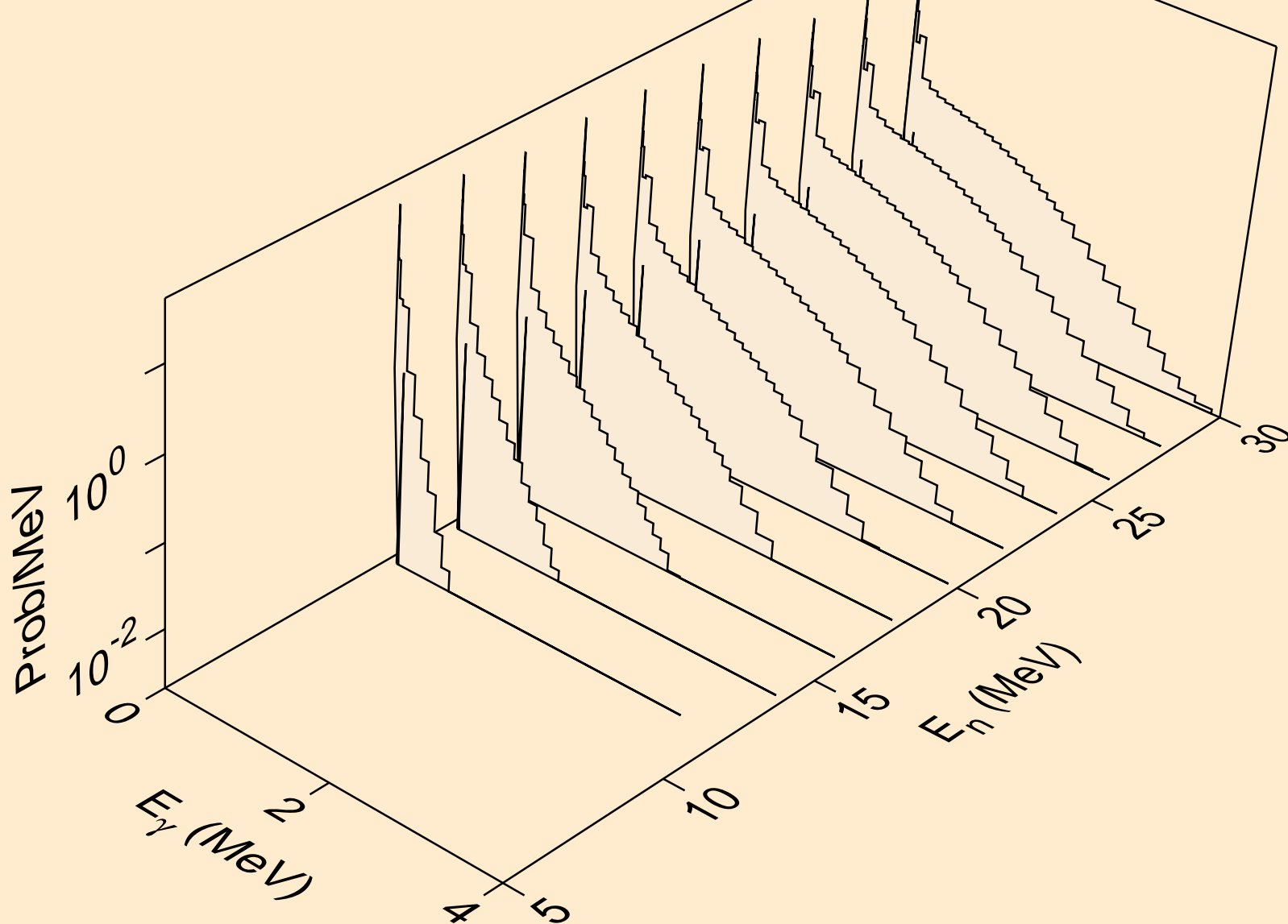
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



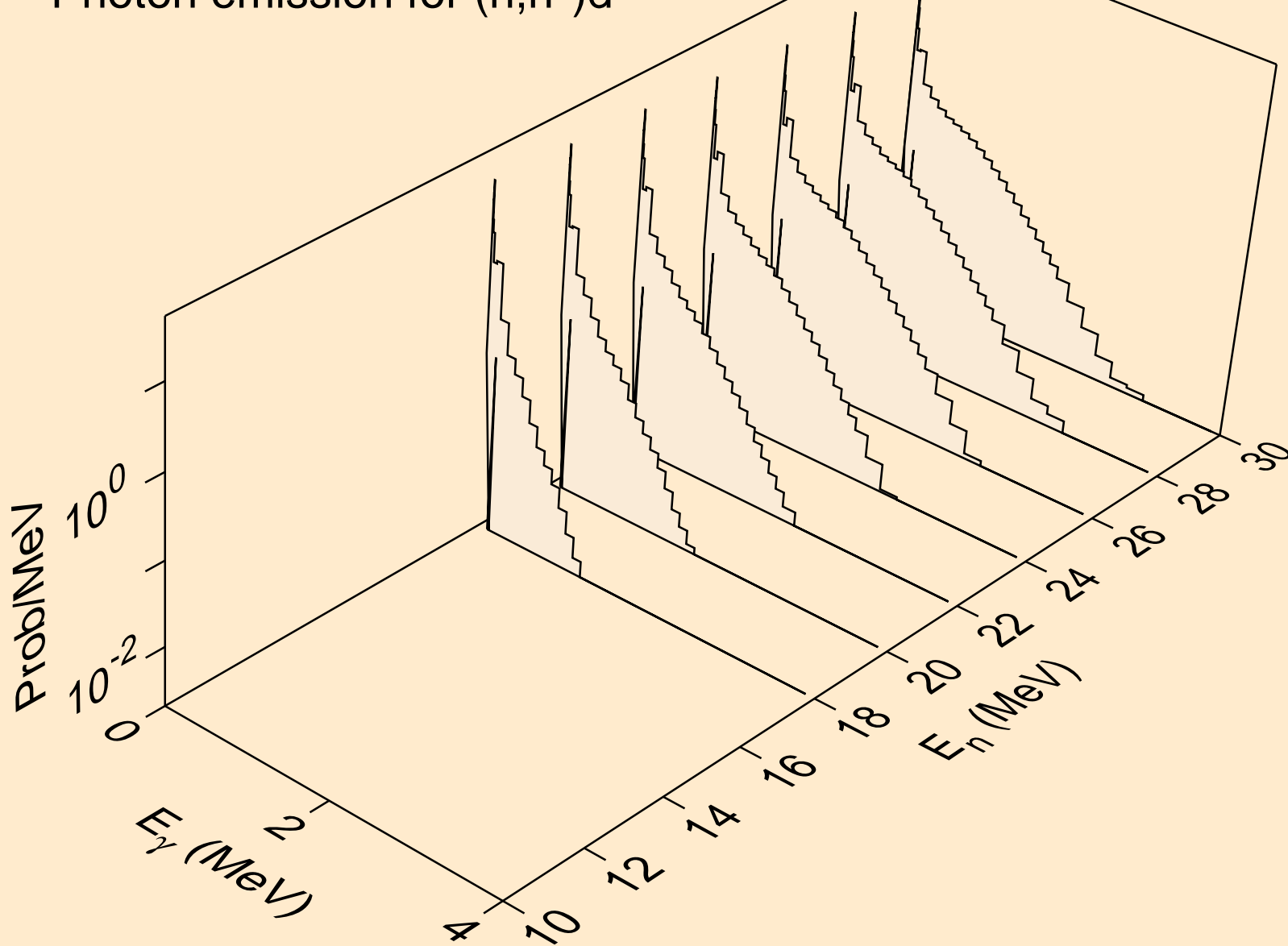
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



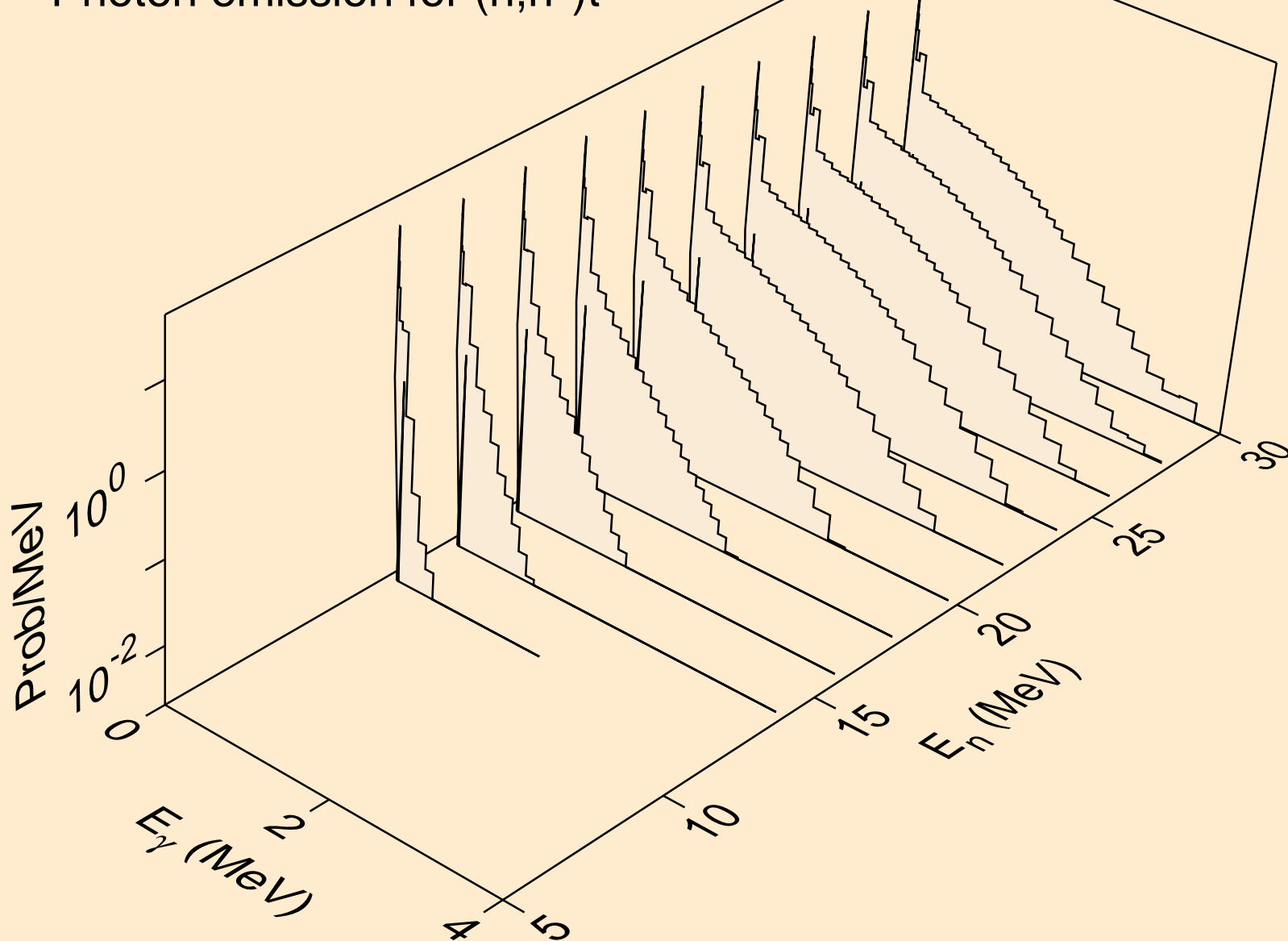
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

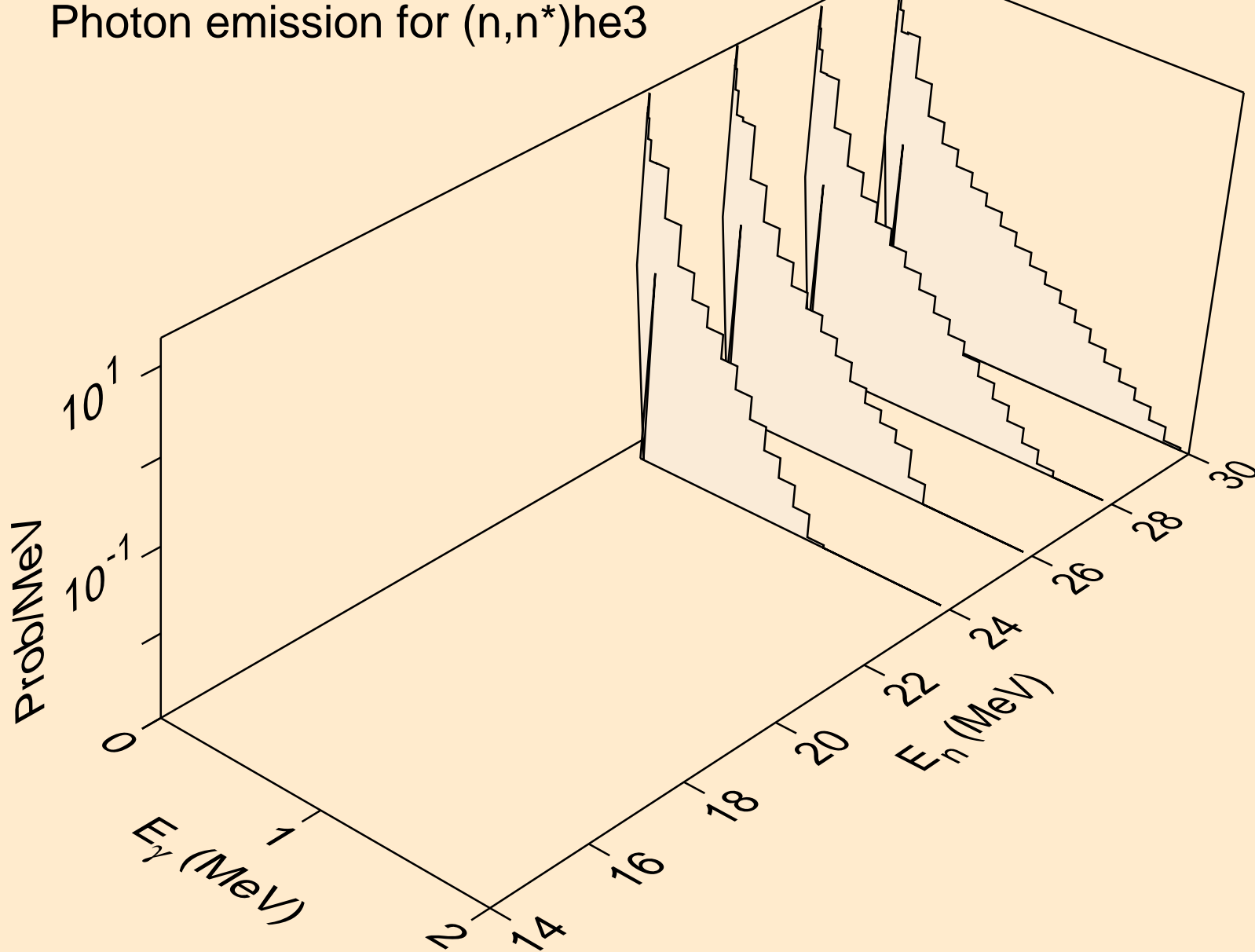


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t

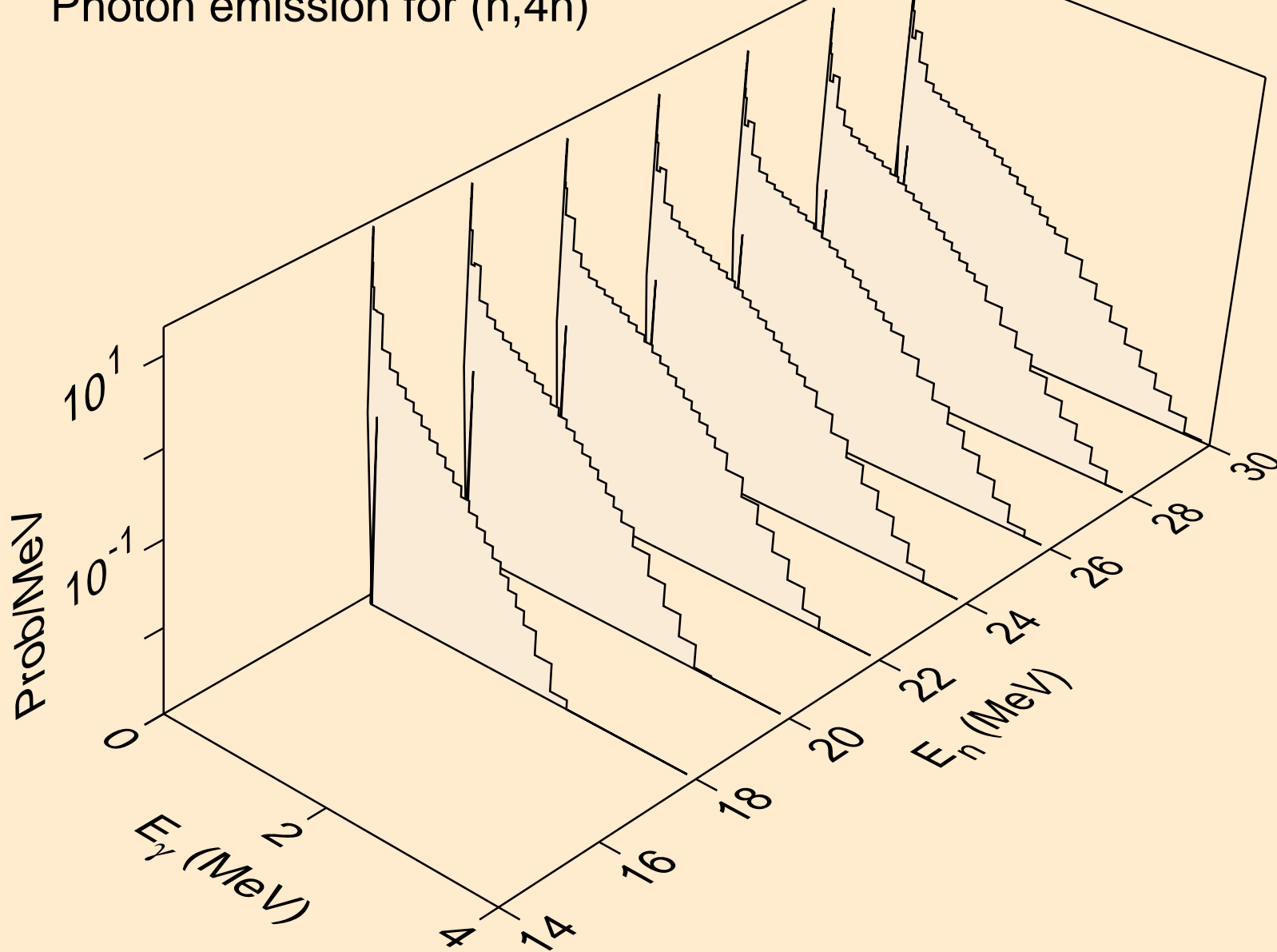




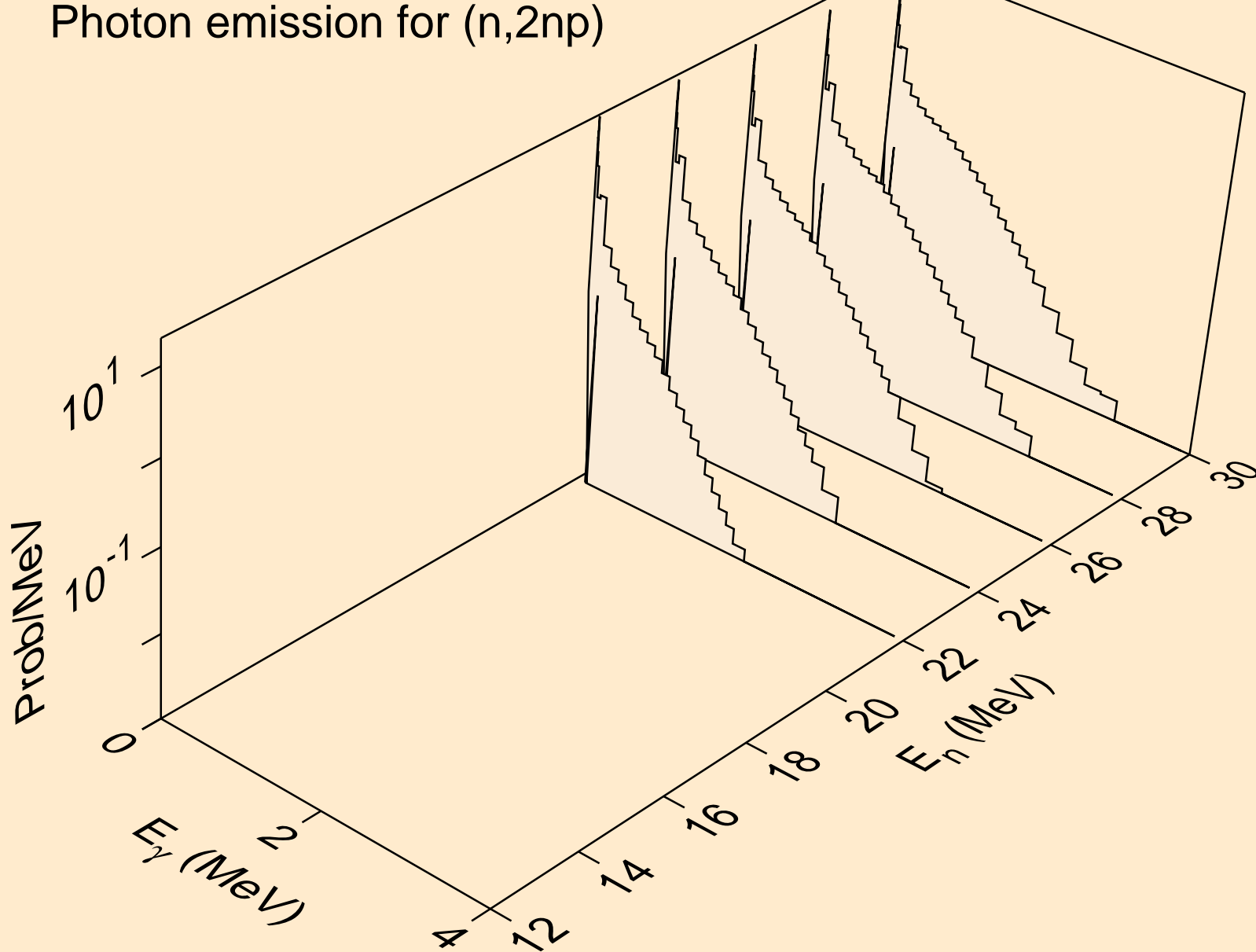
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



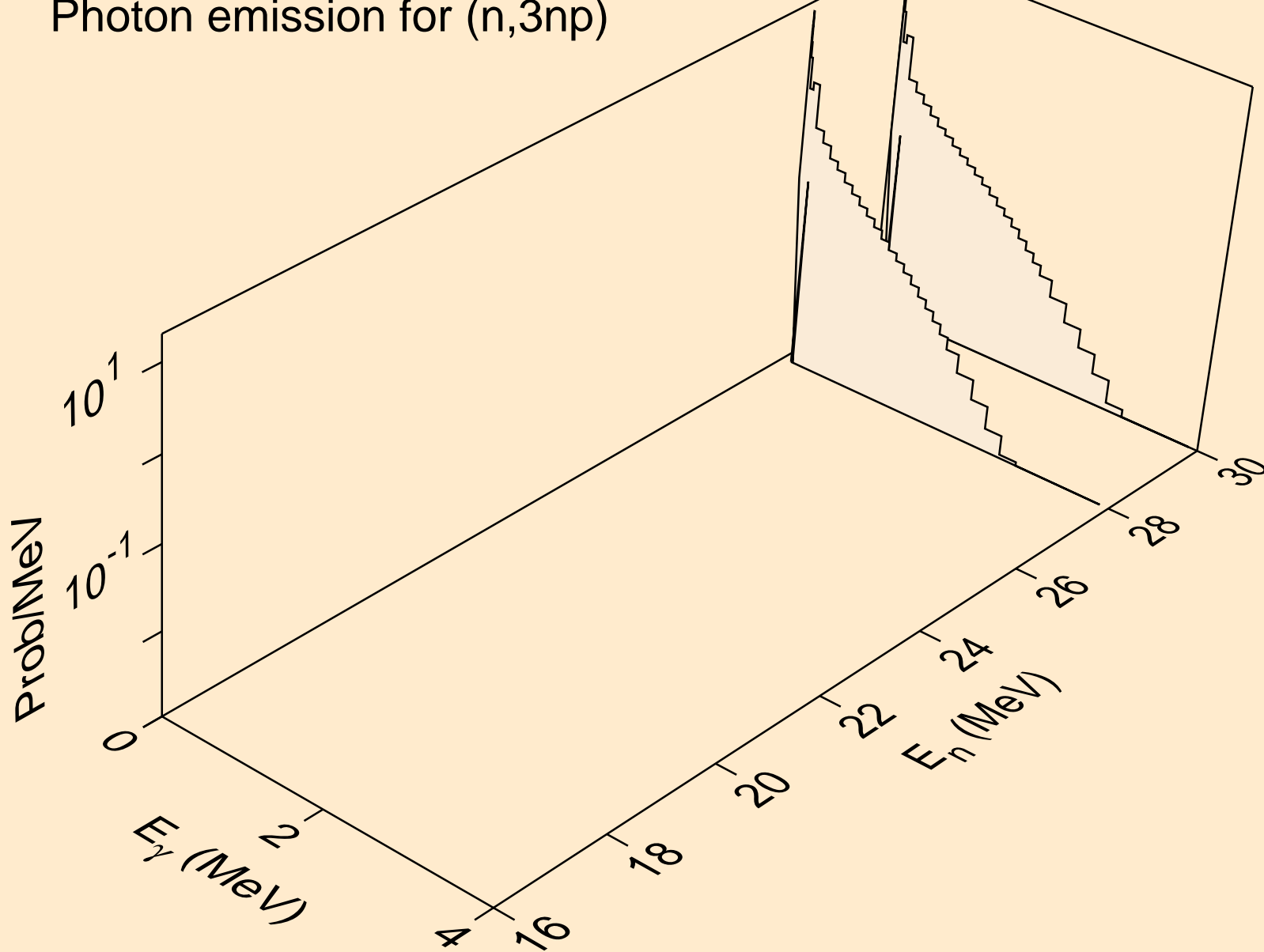
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



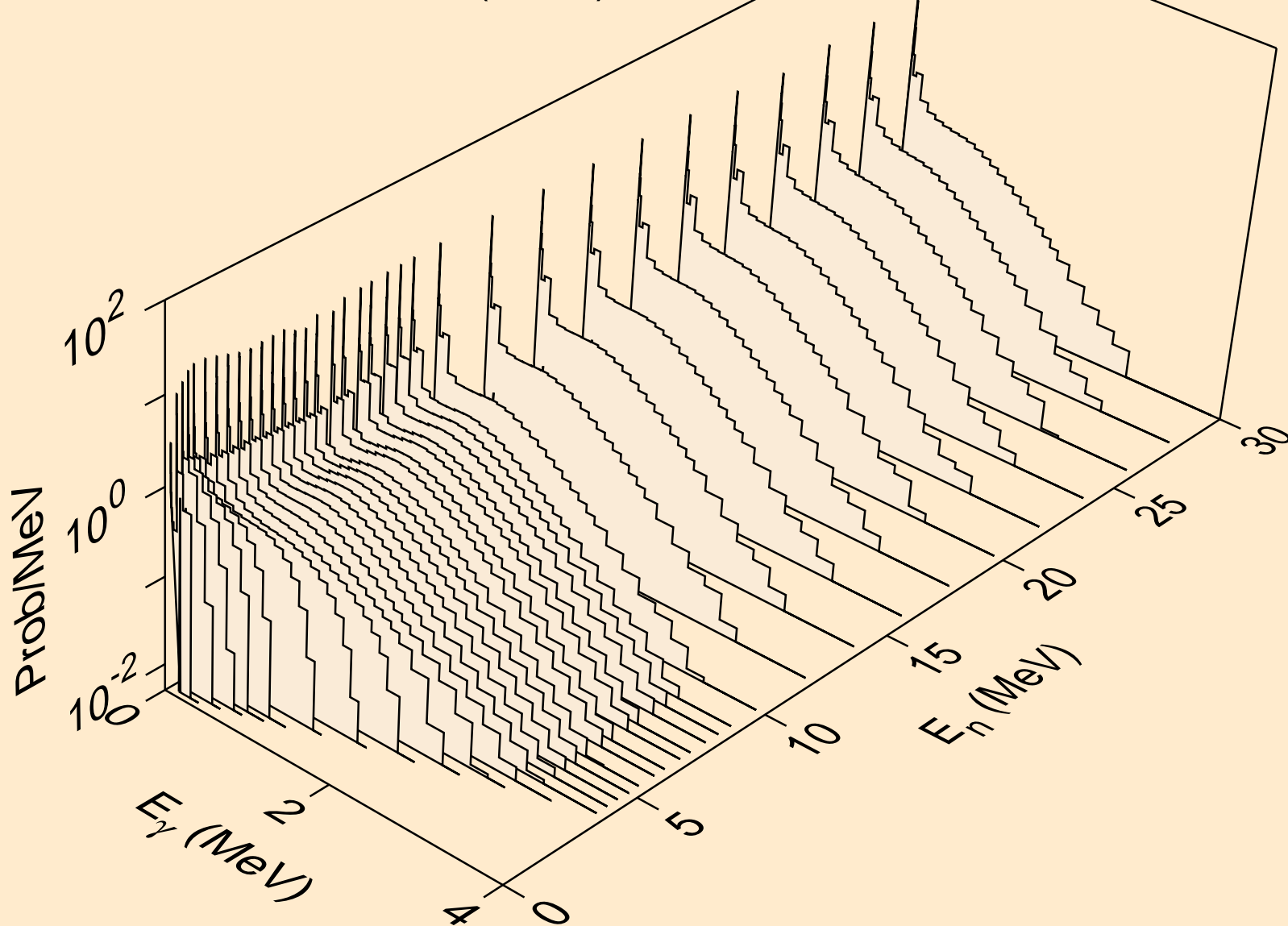
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



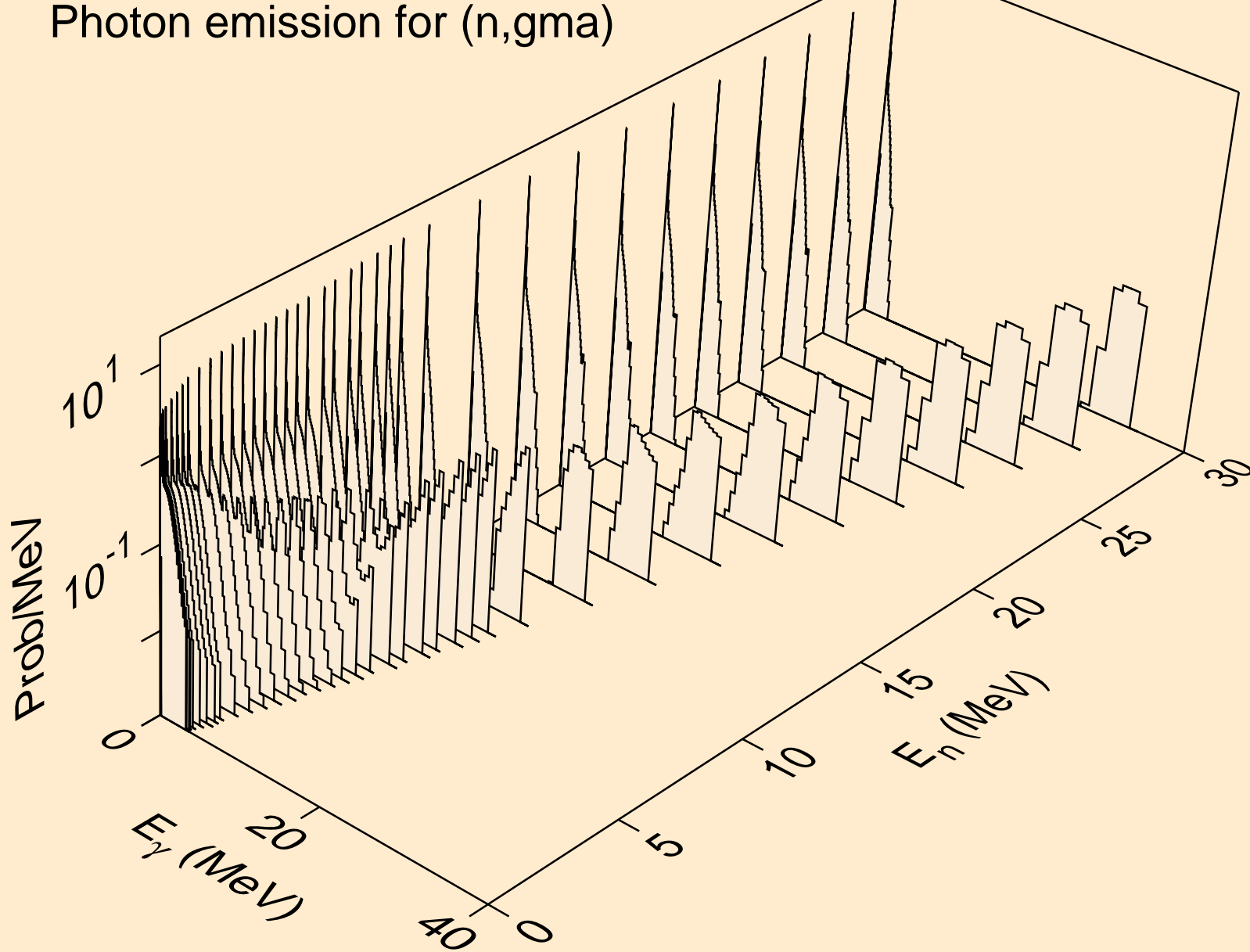
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



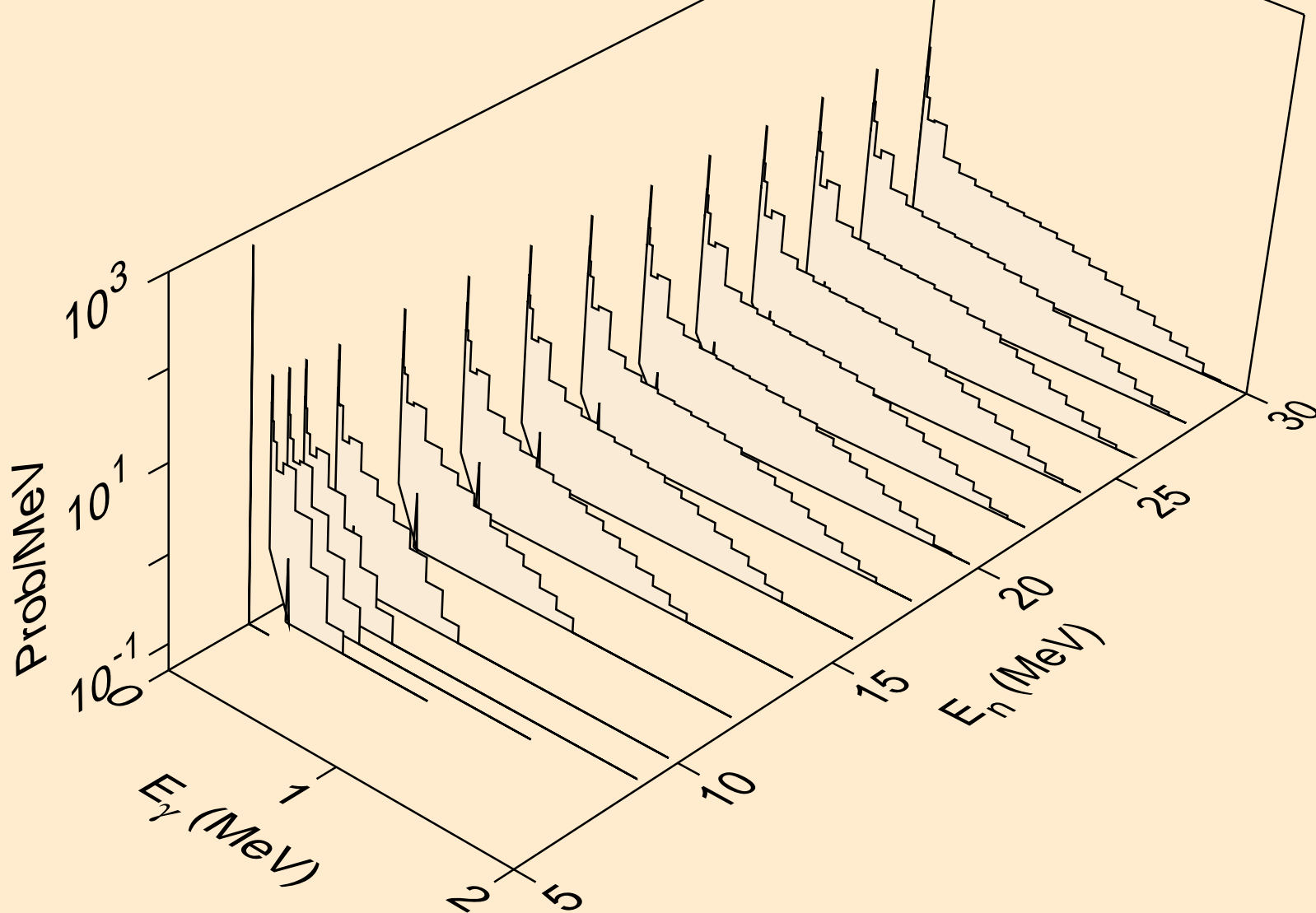
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



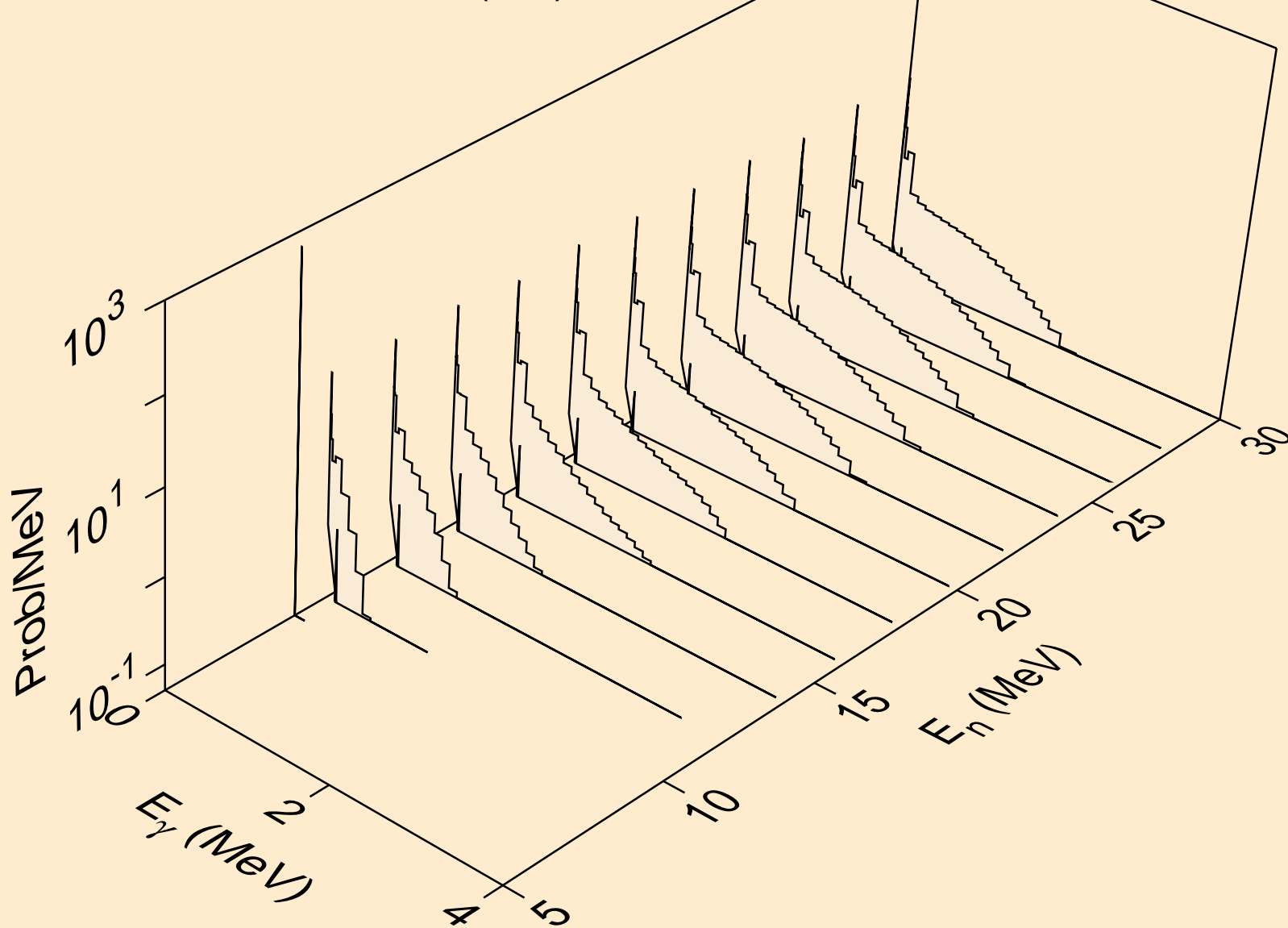
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

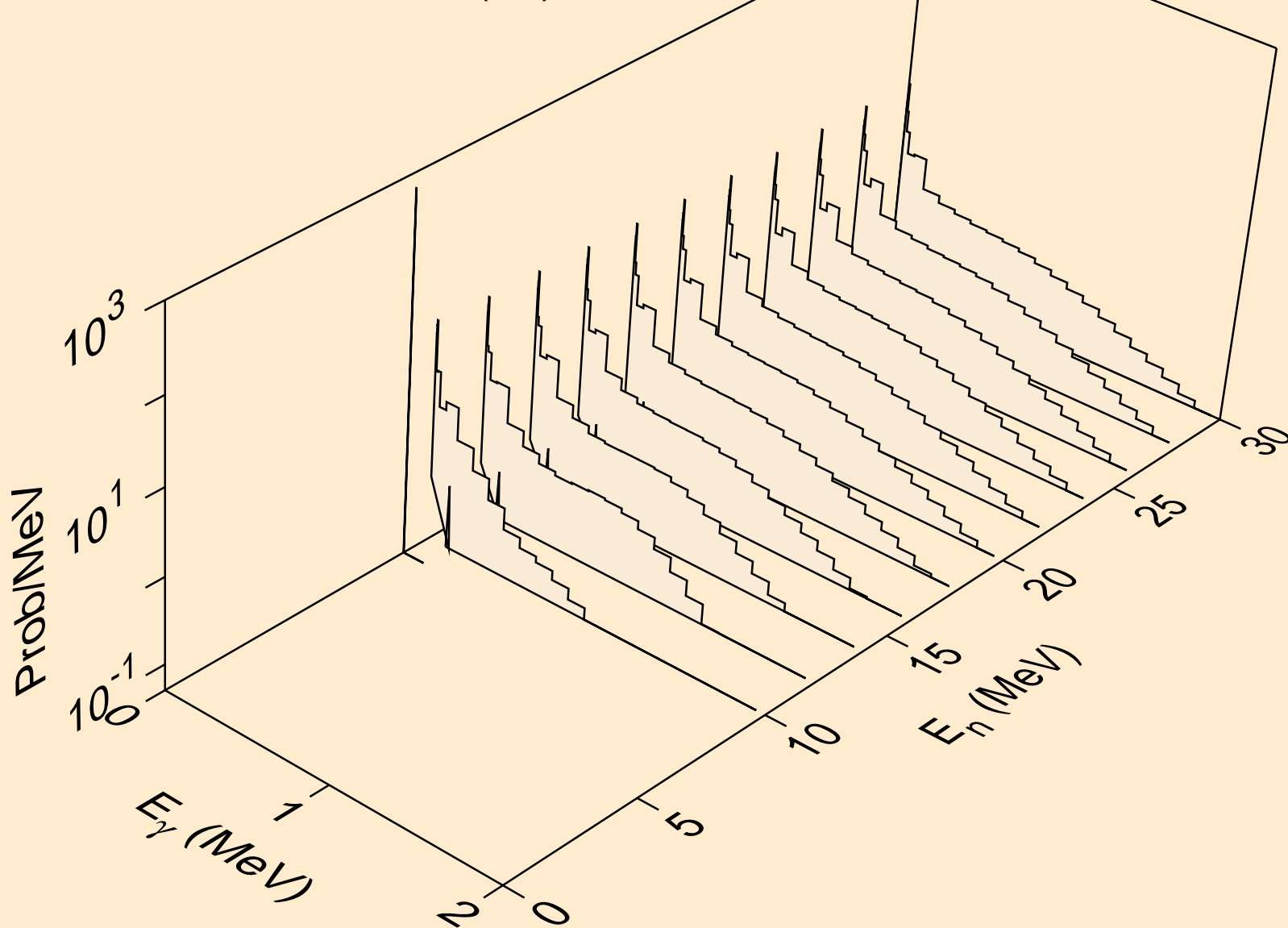


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

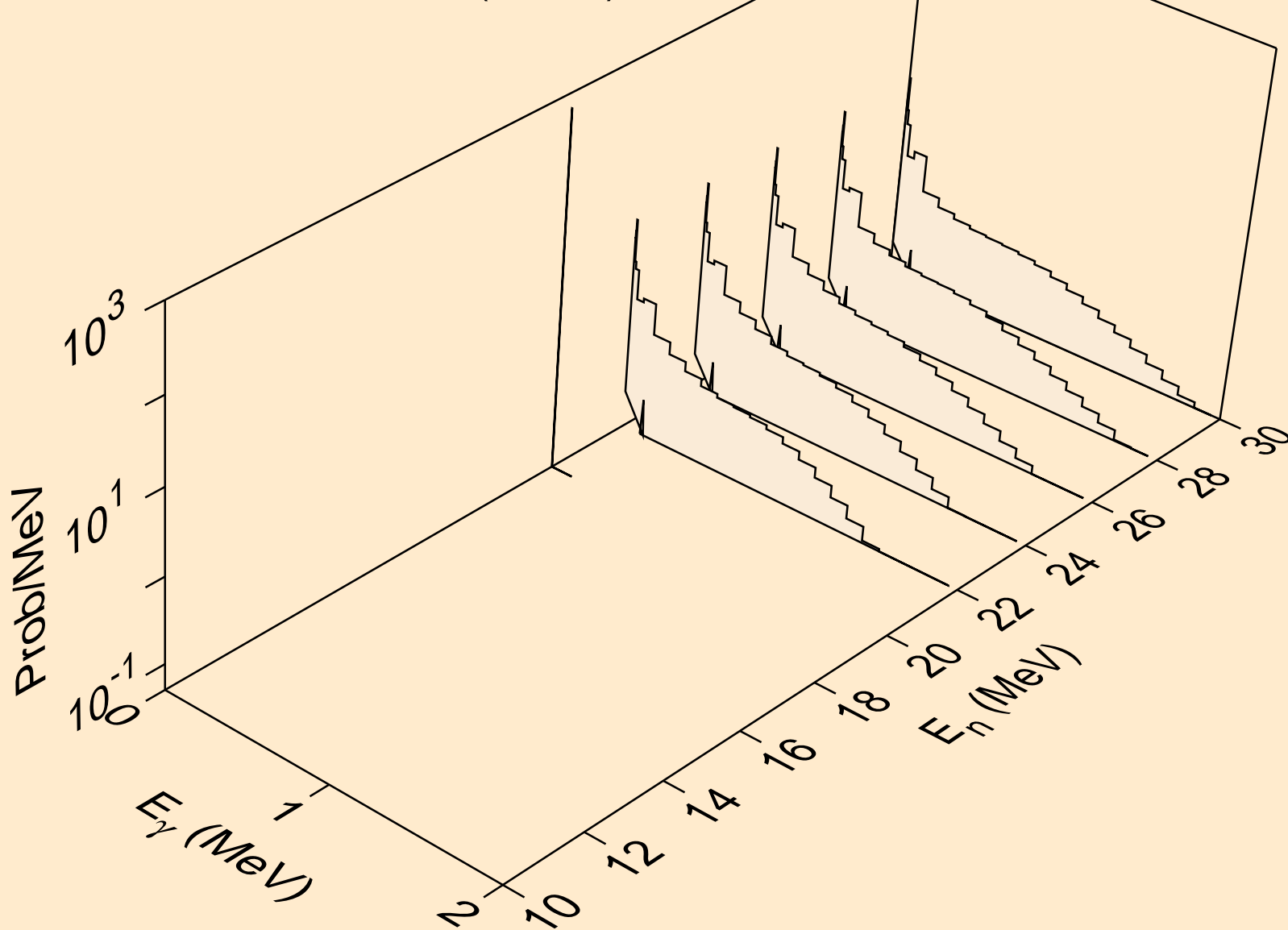




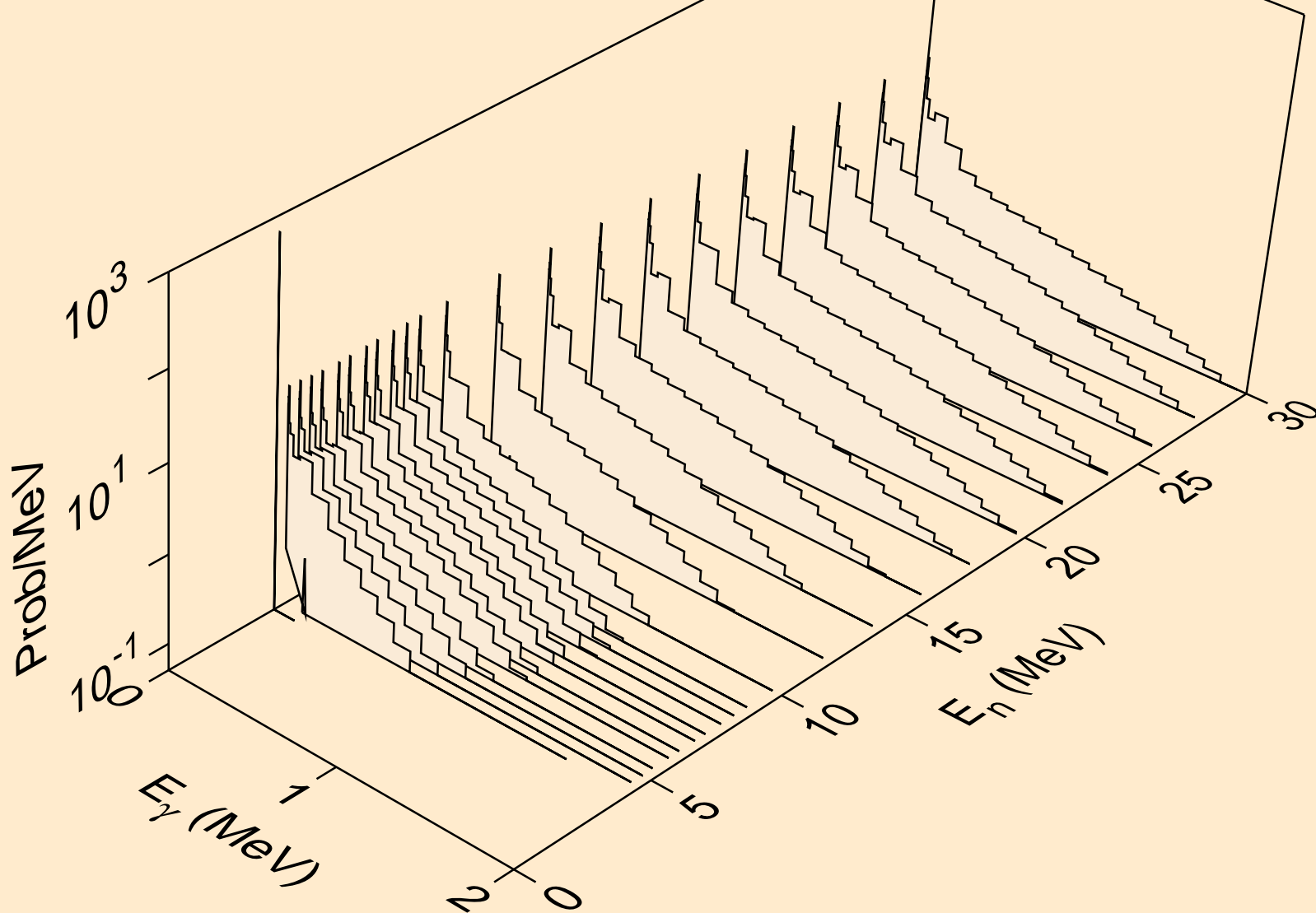
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



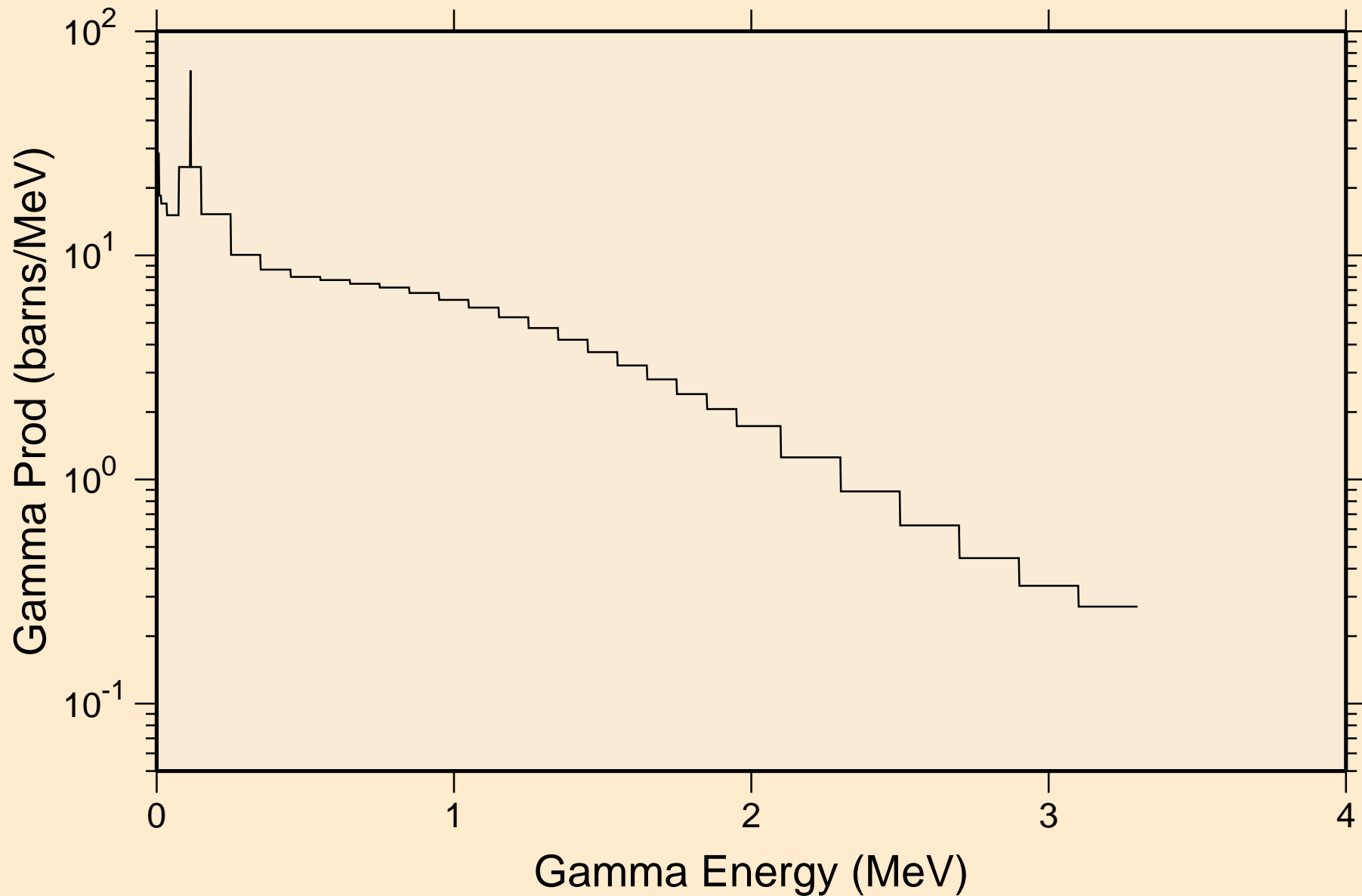
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



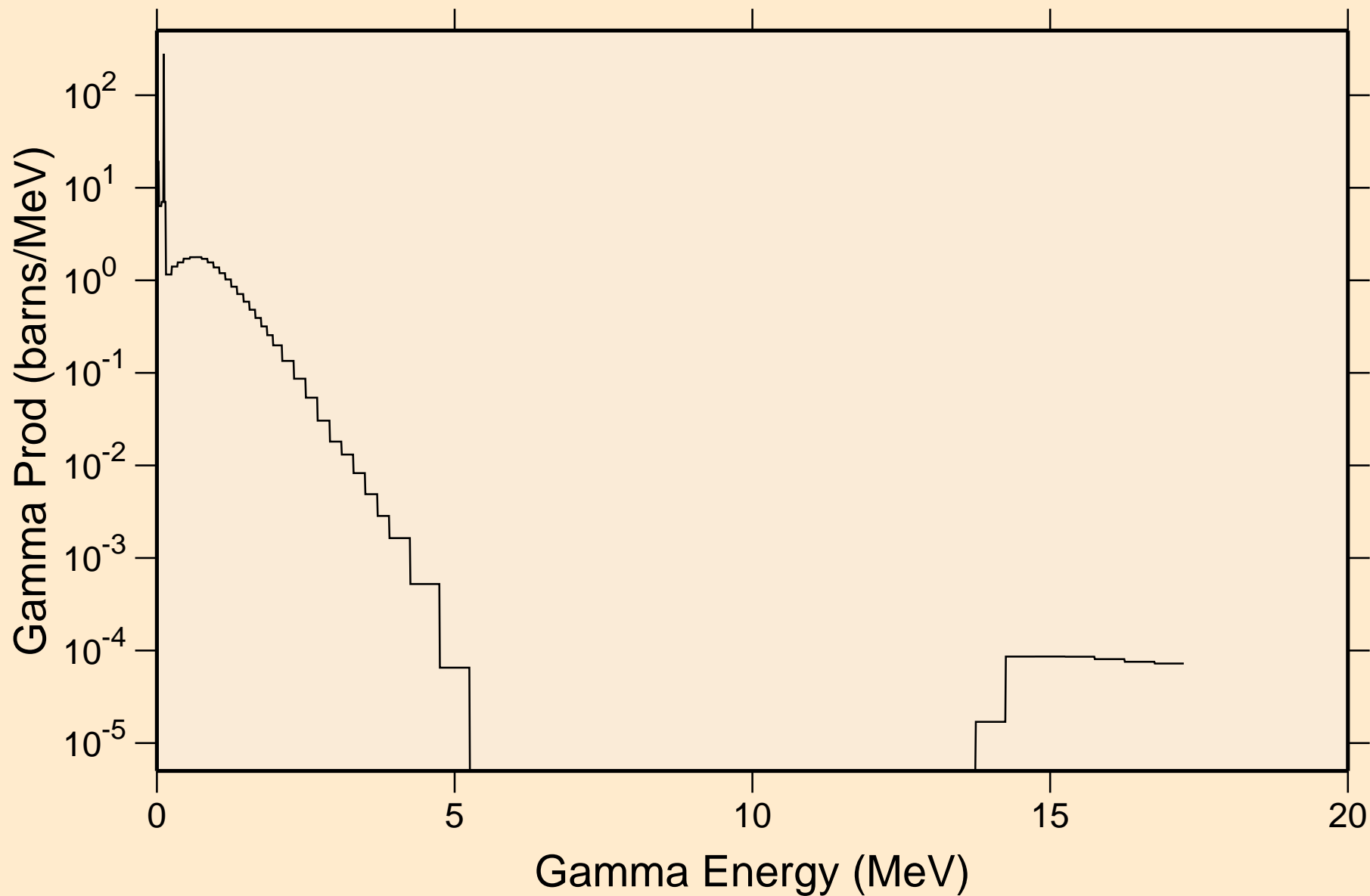
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



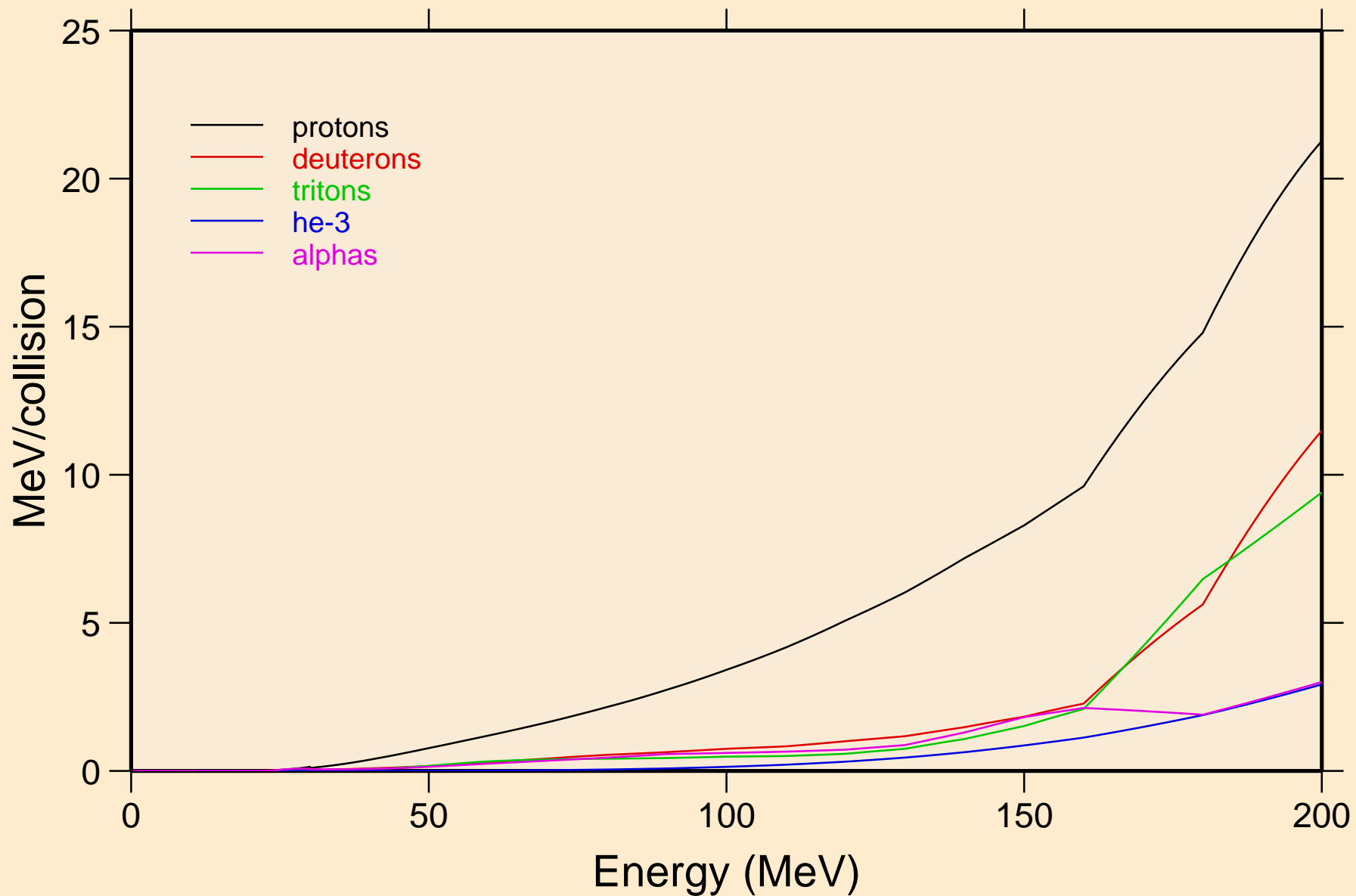
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



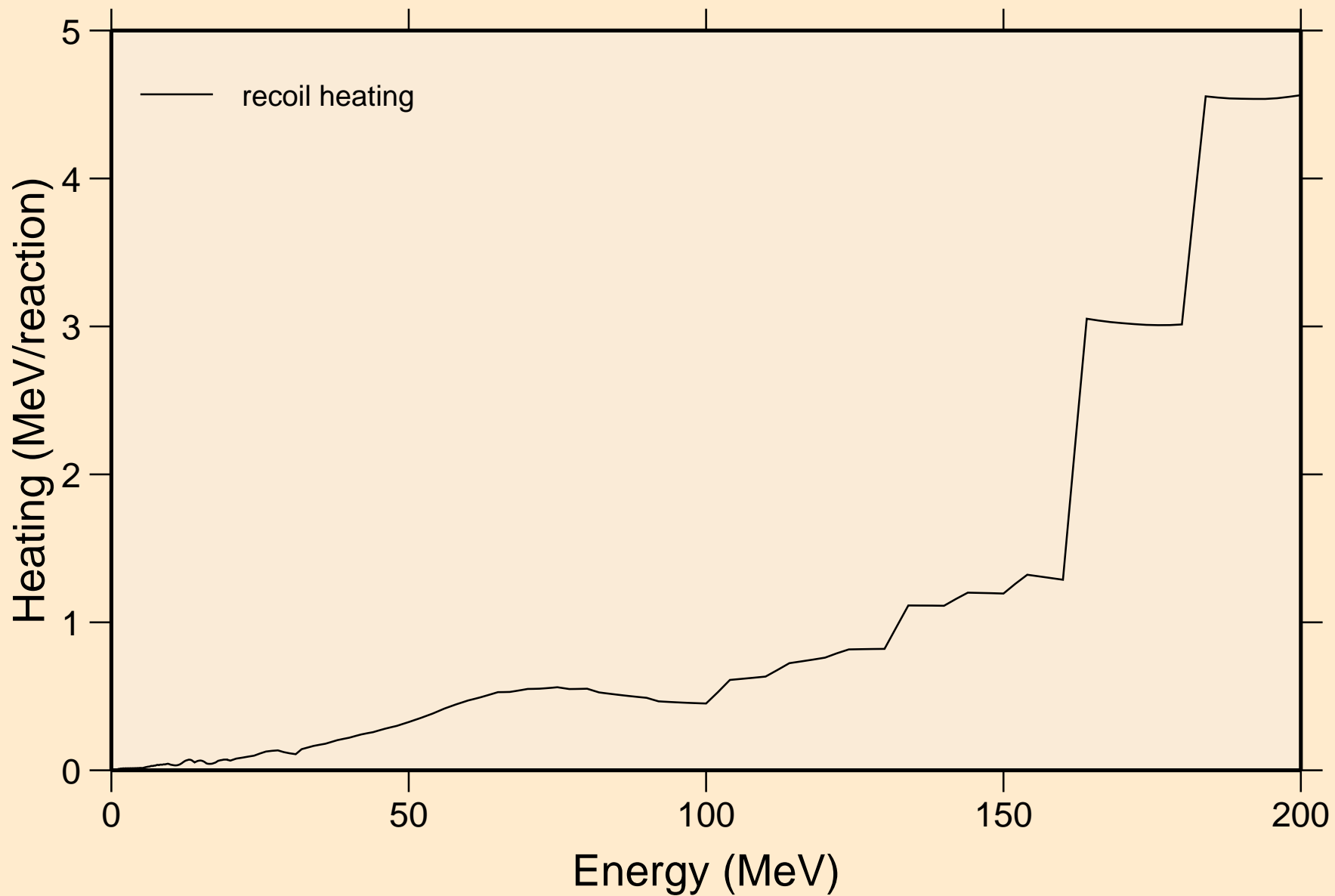
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



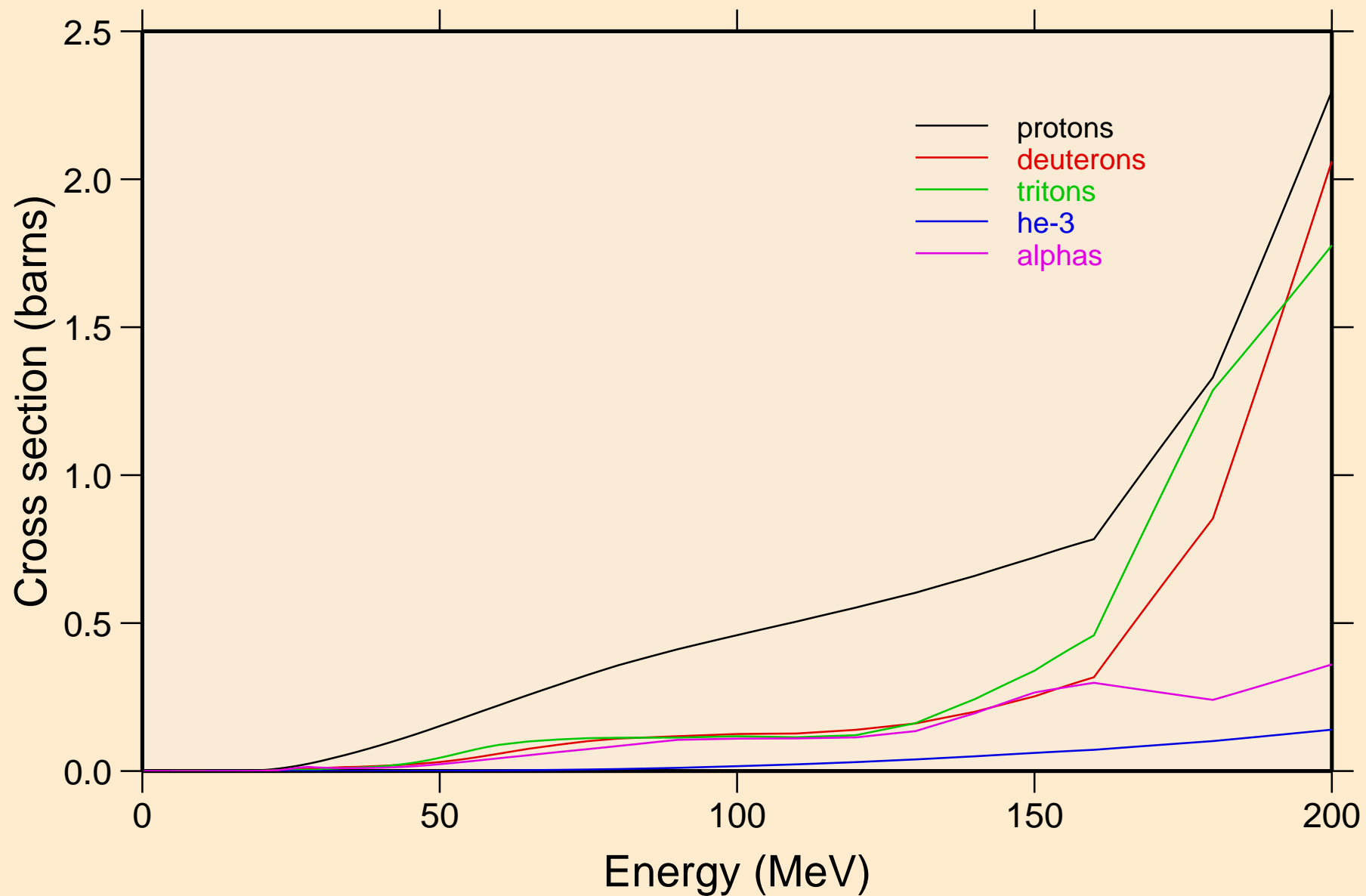
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

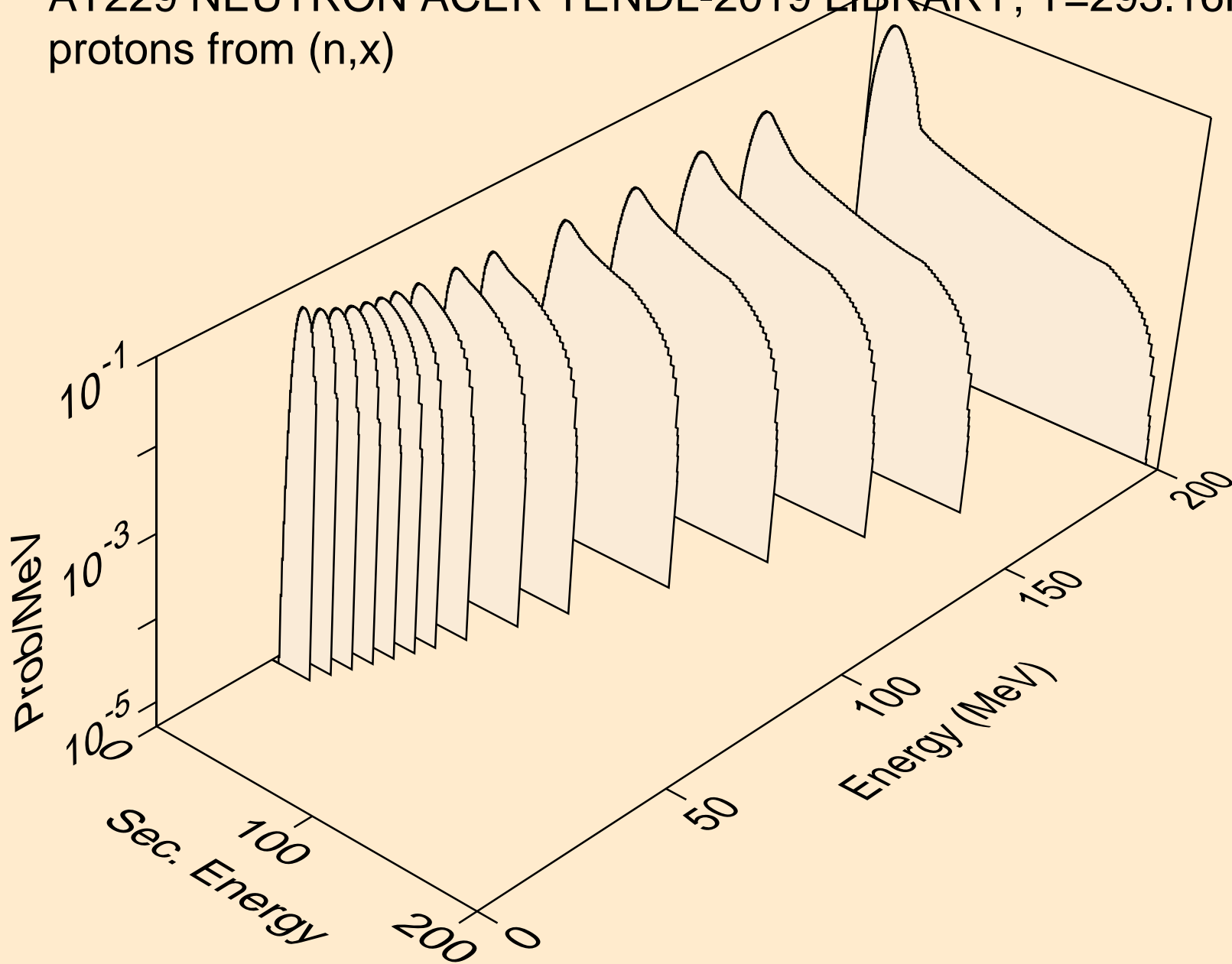


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

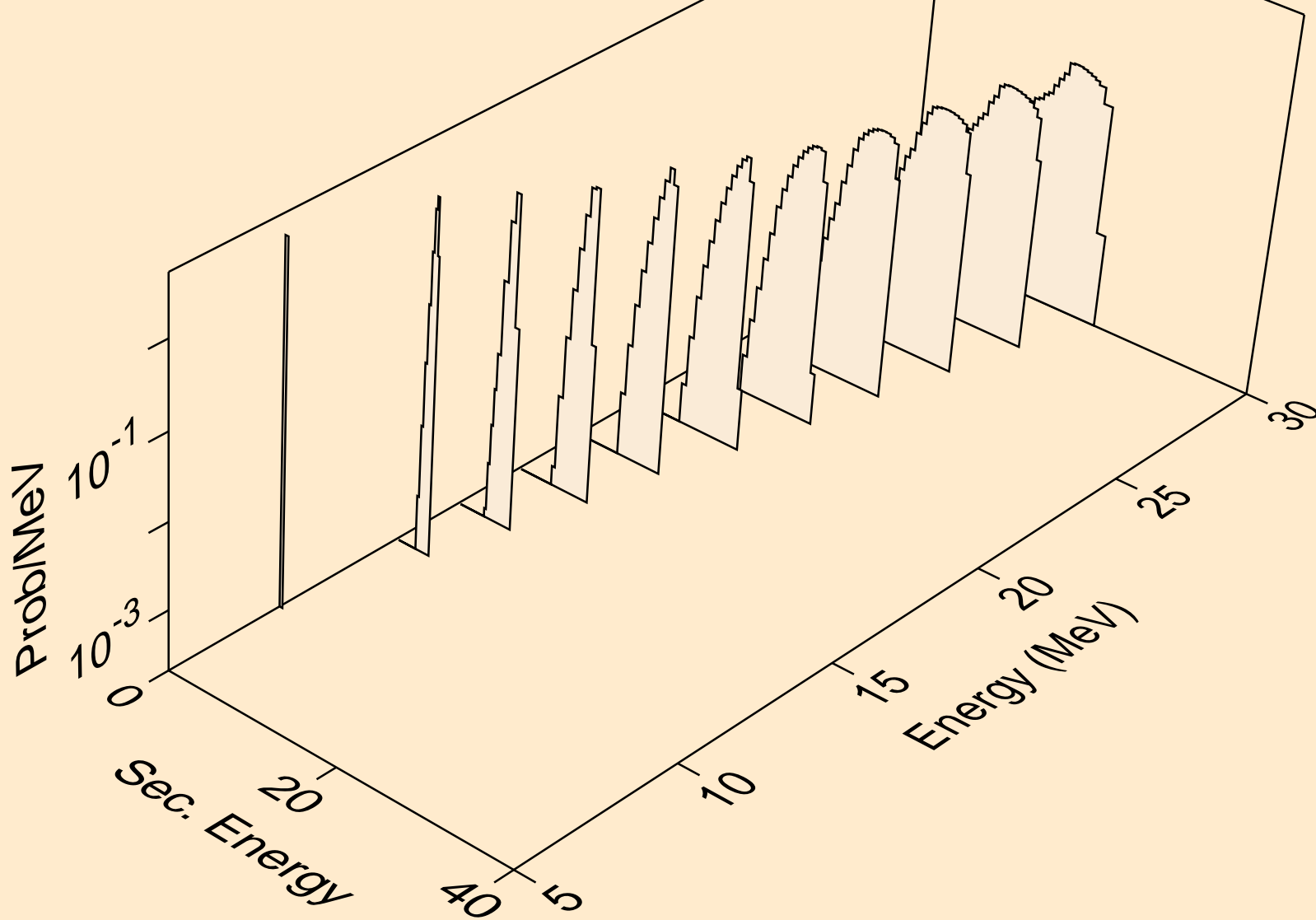




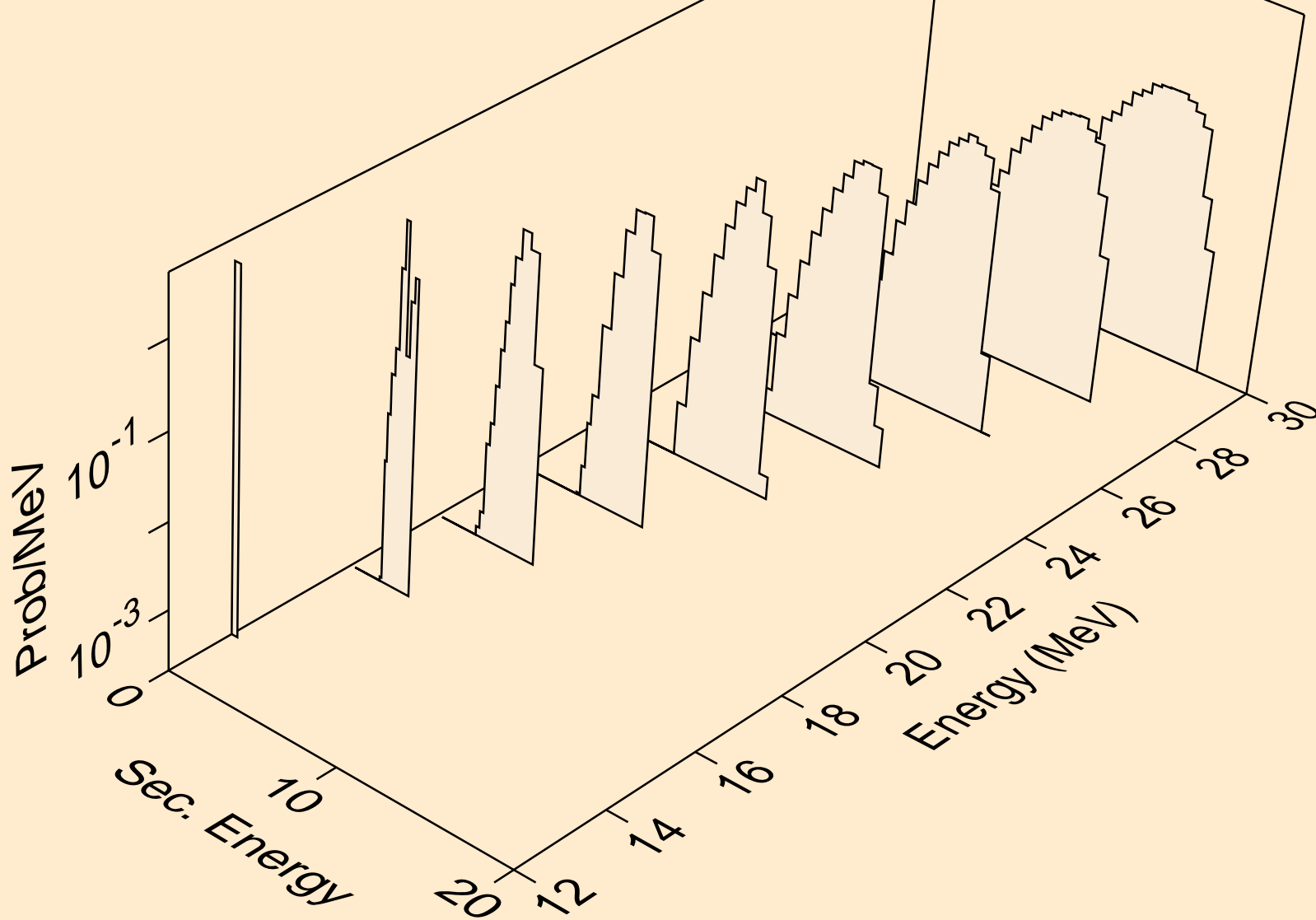
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



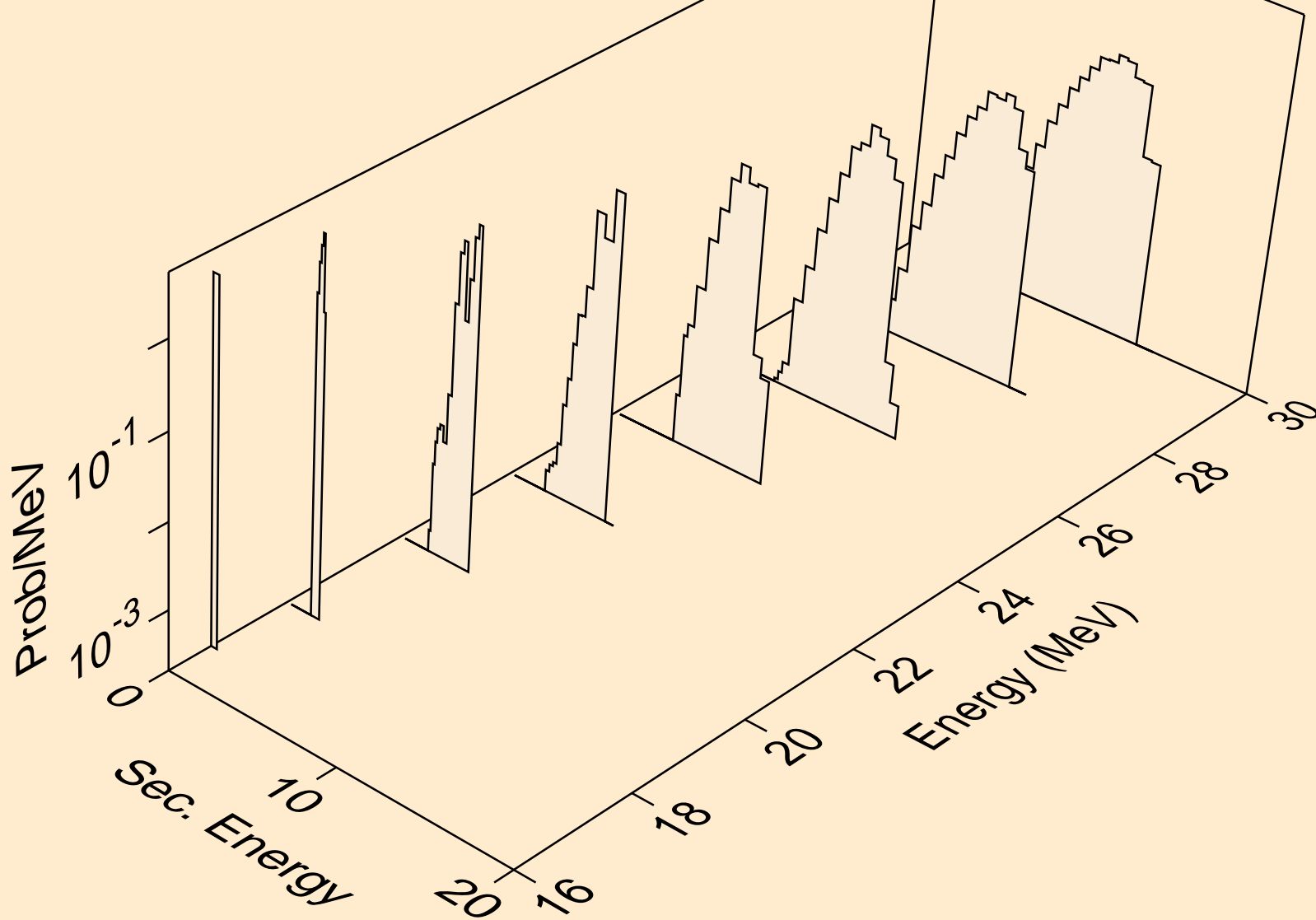
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



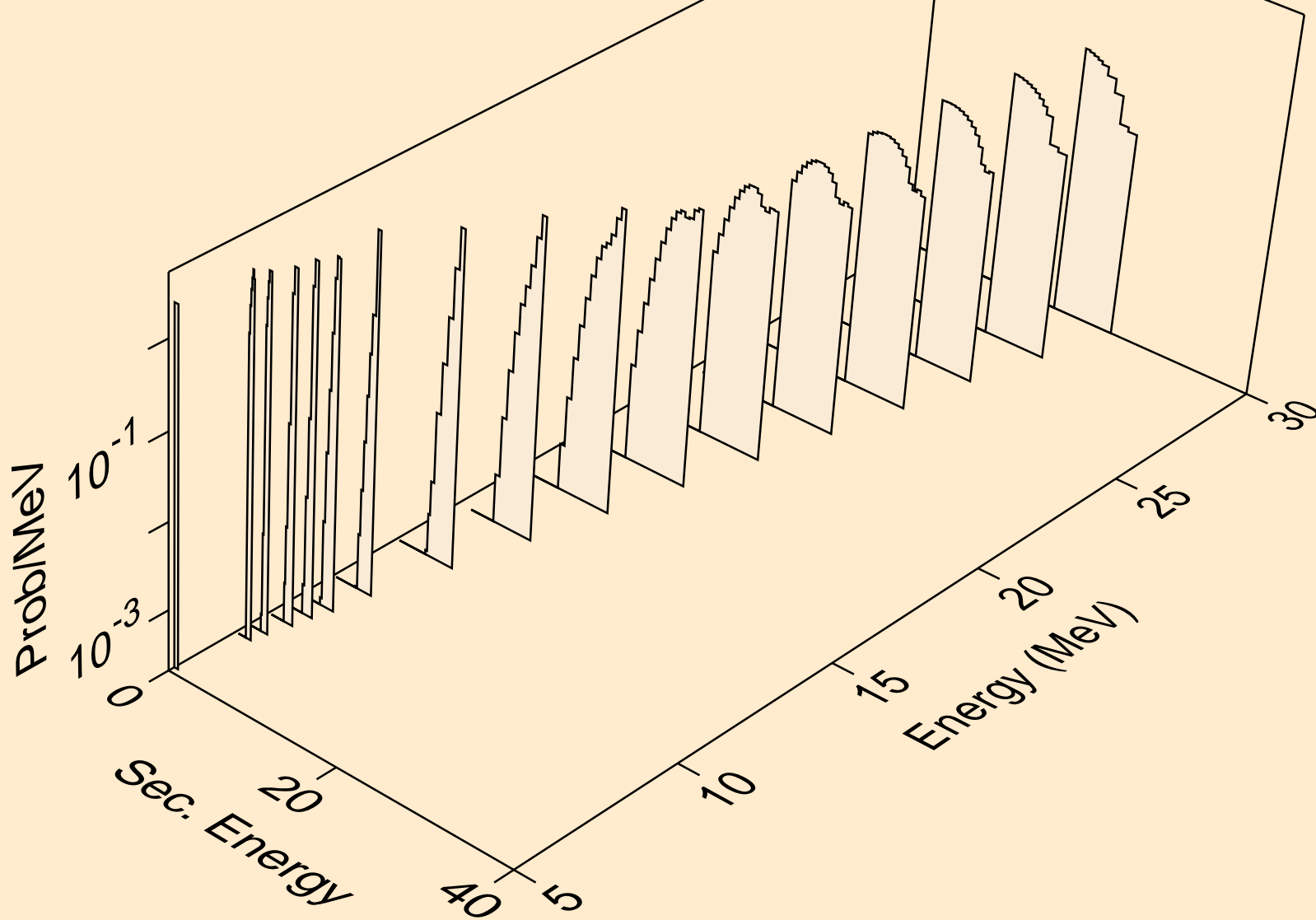
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



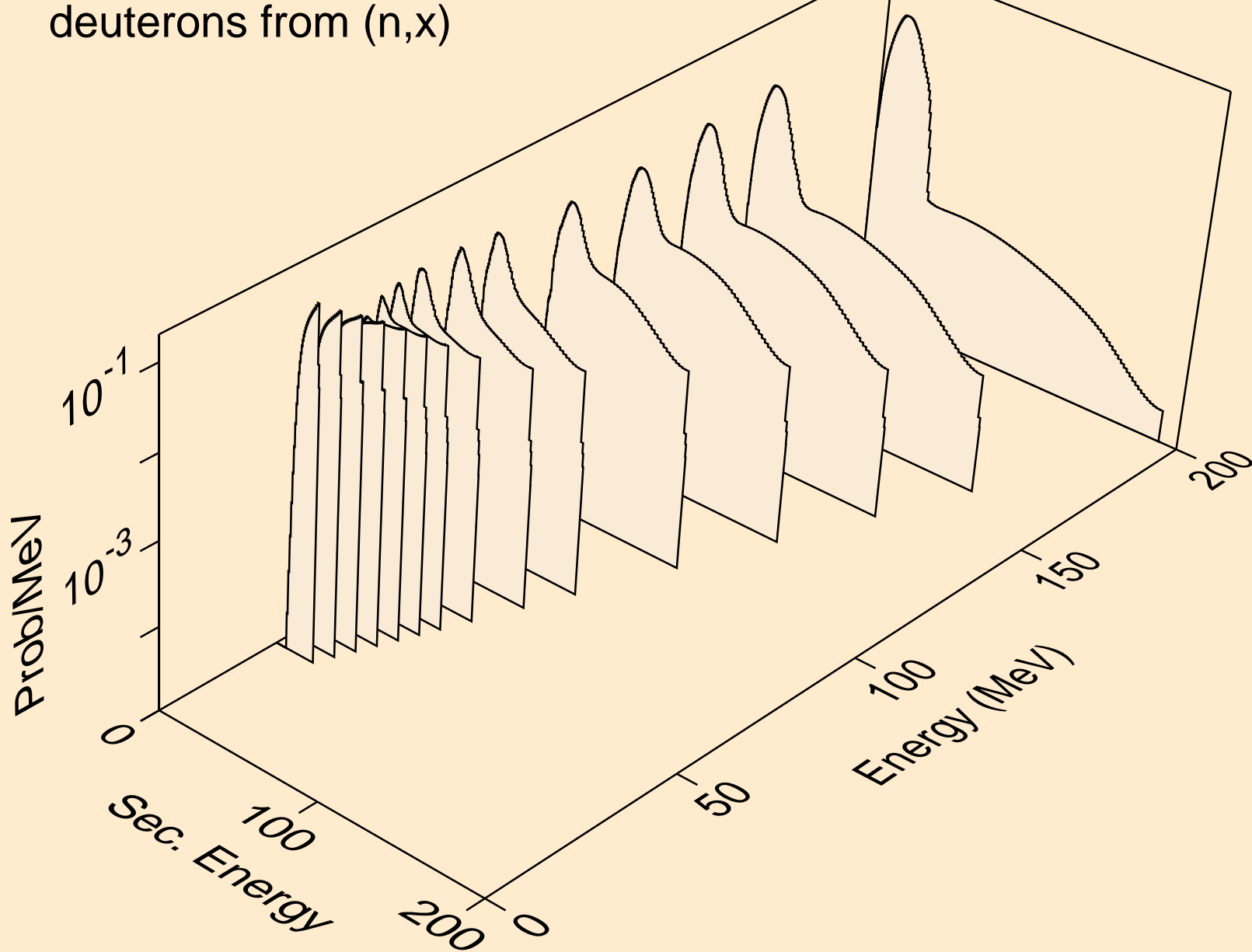
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



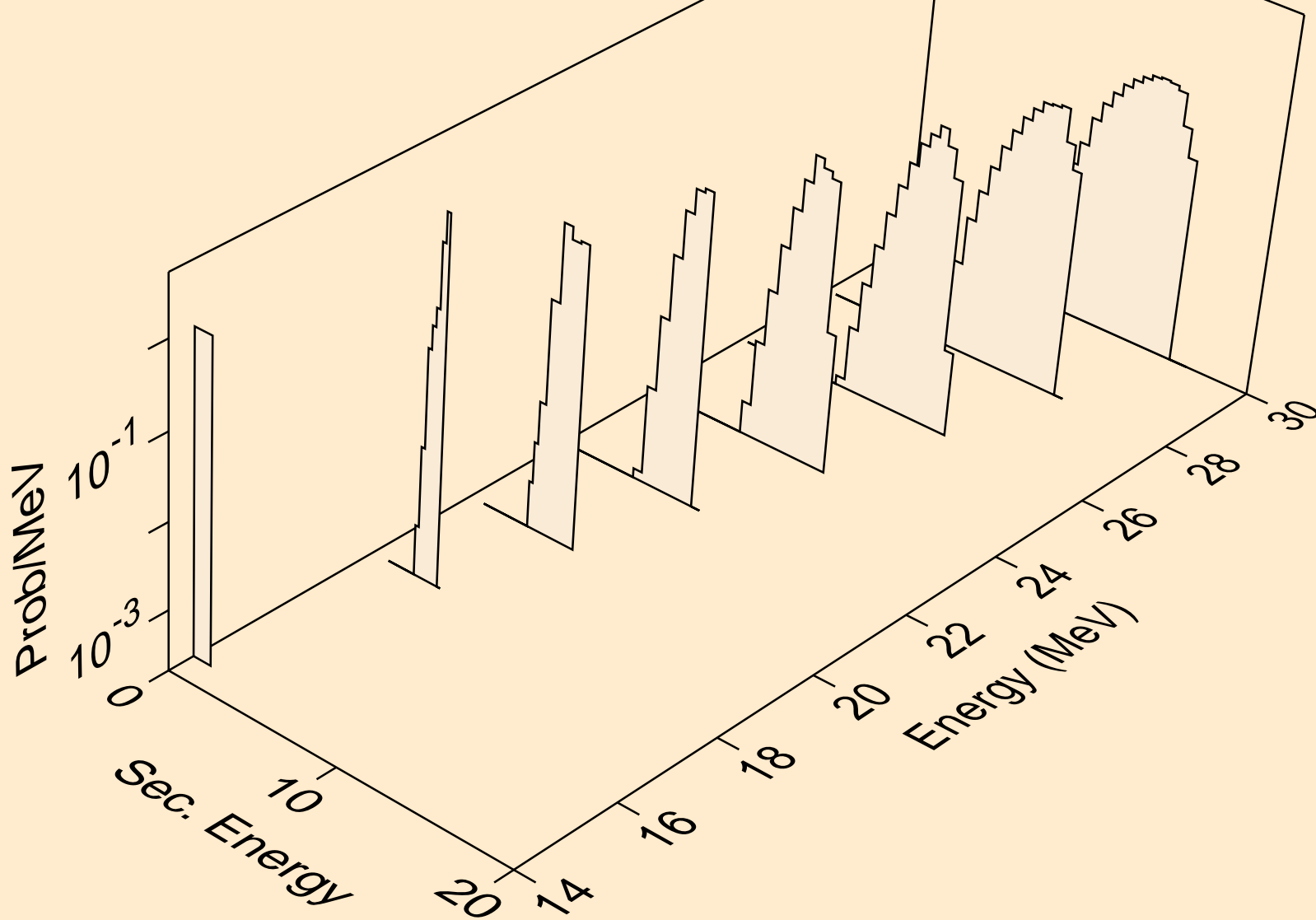
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



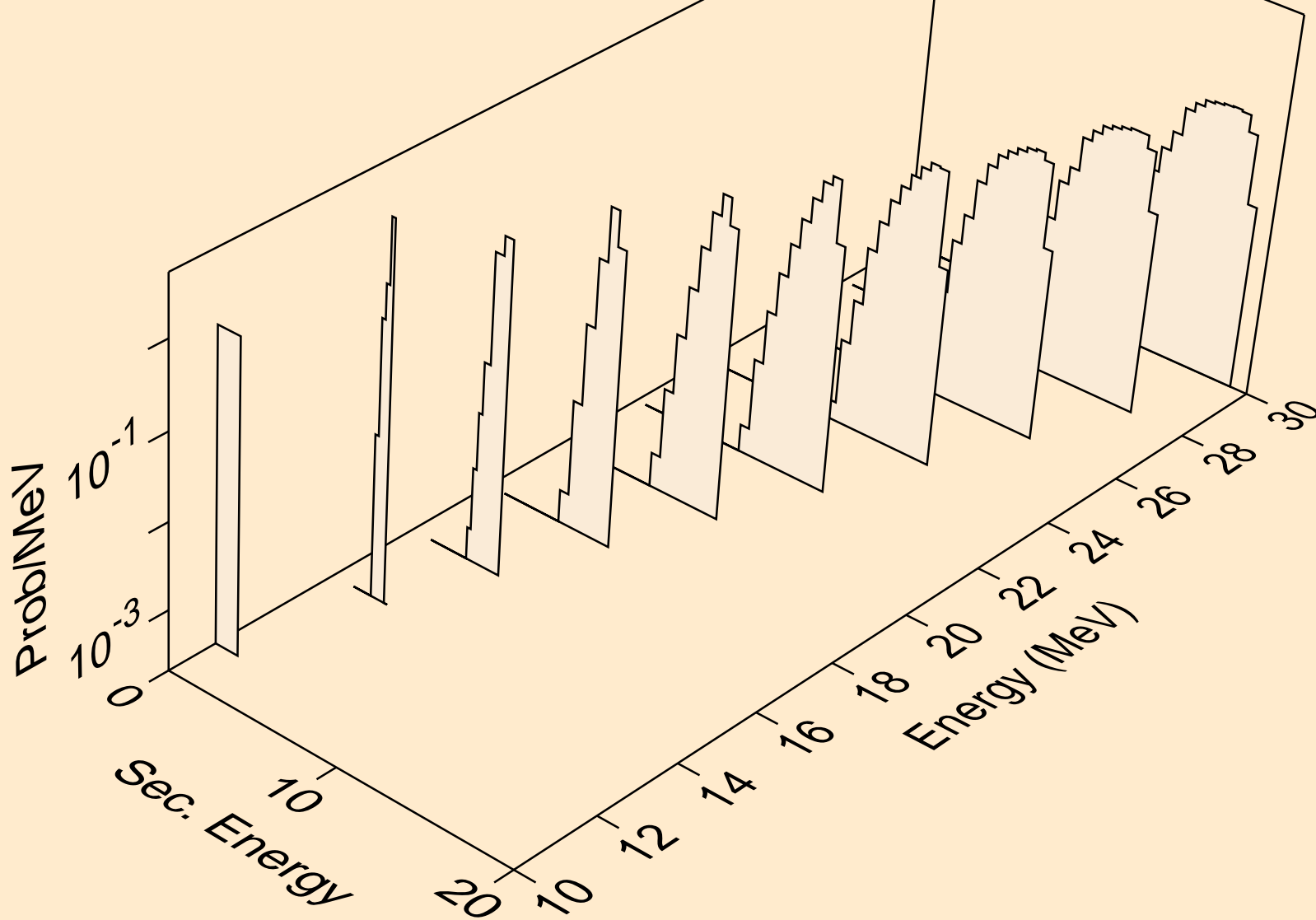
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

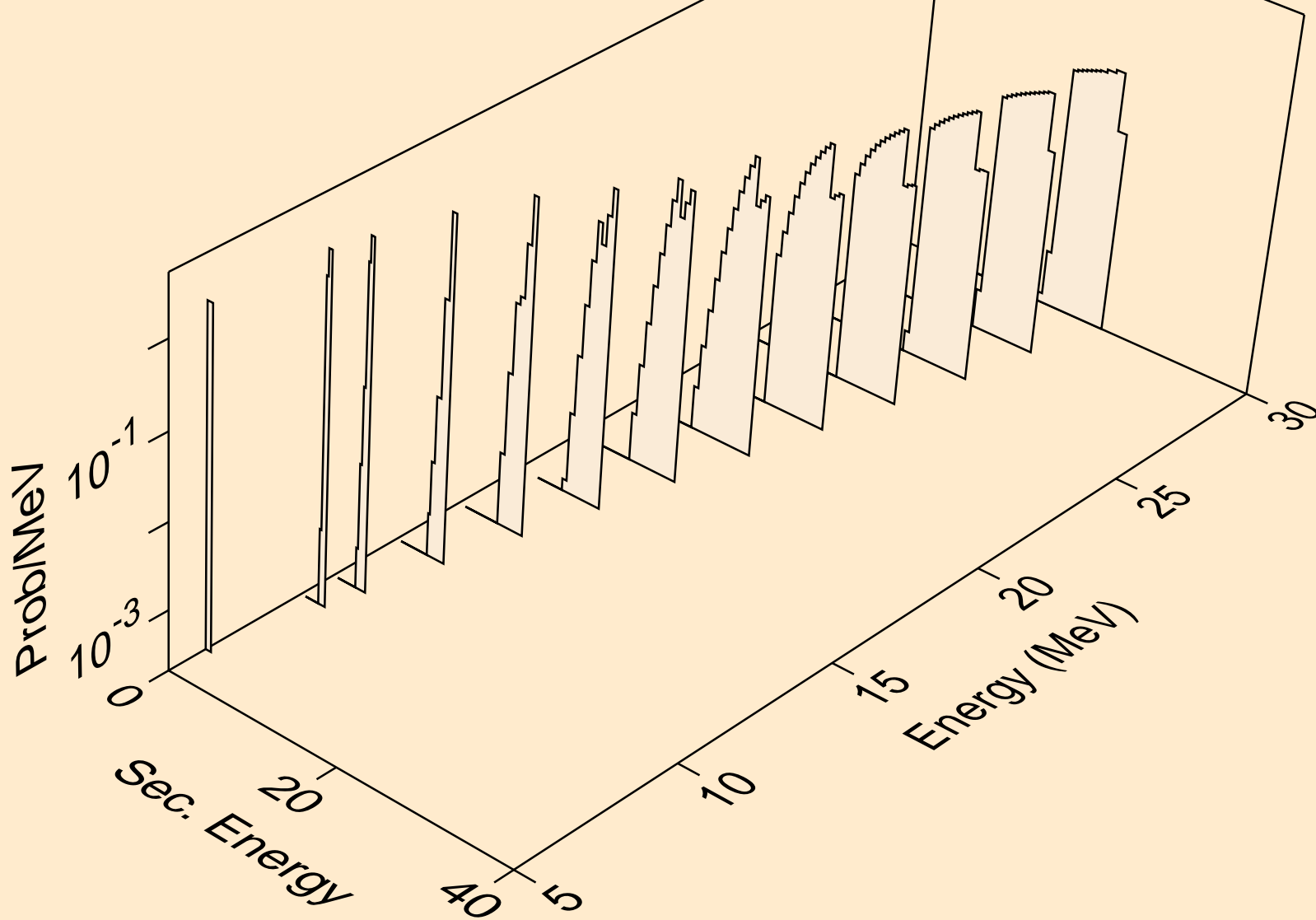


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

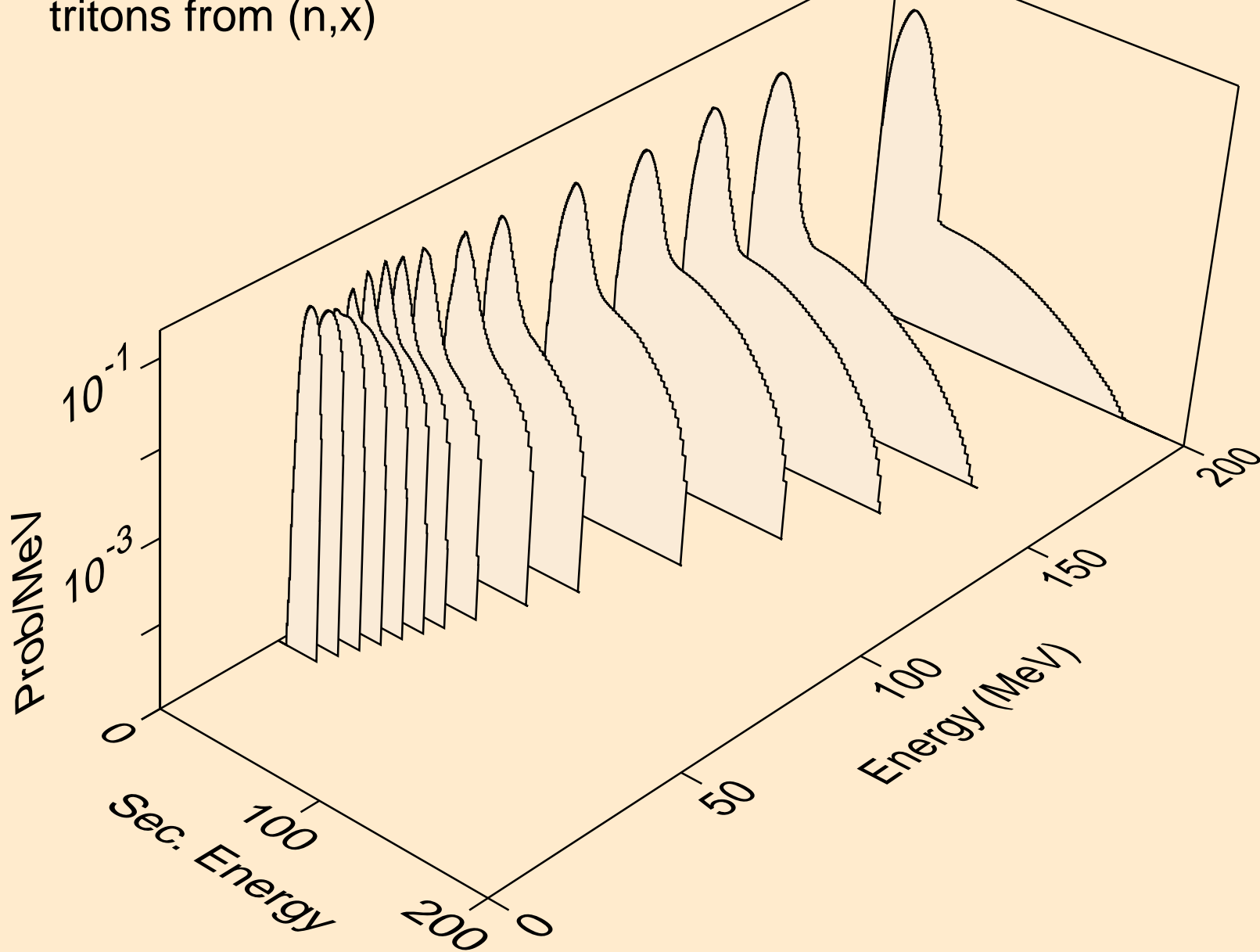




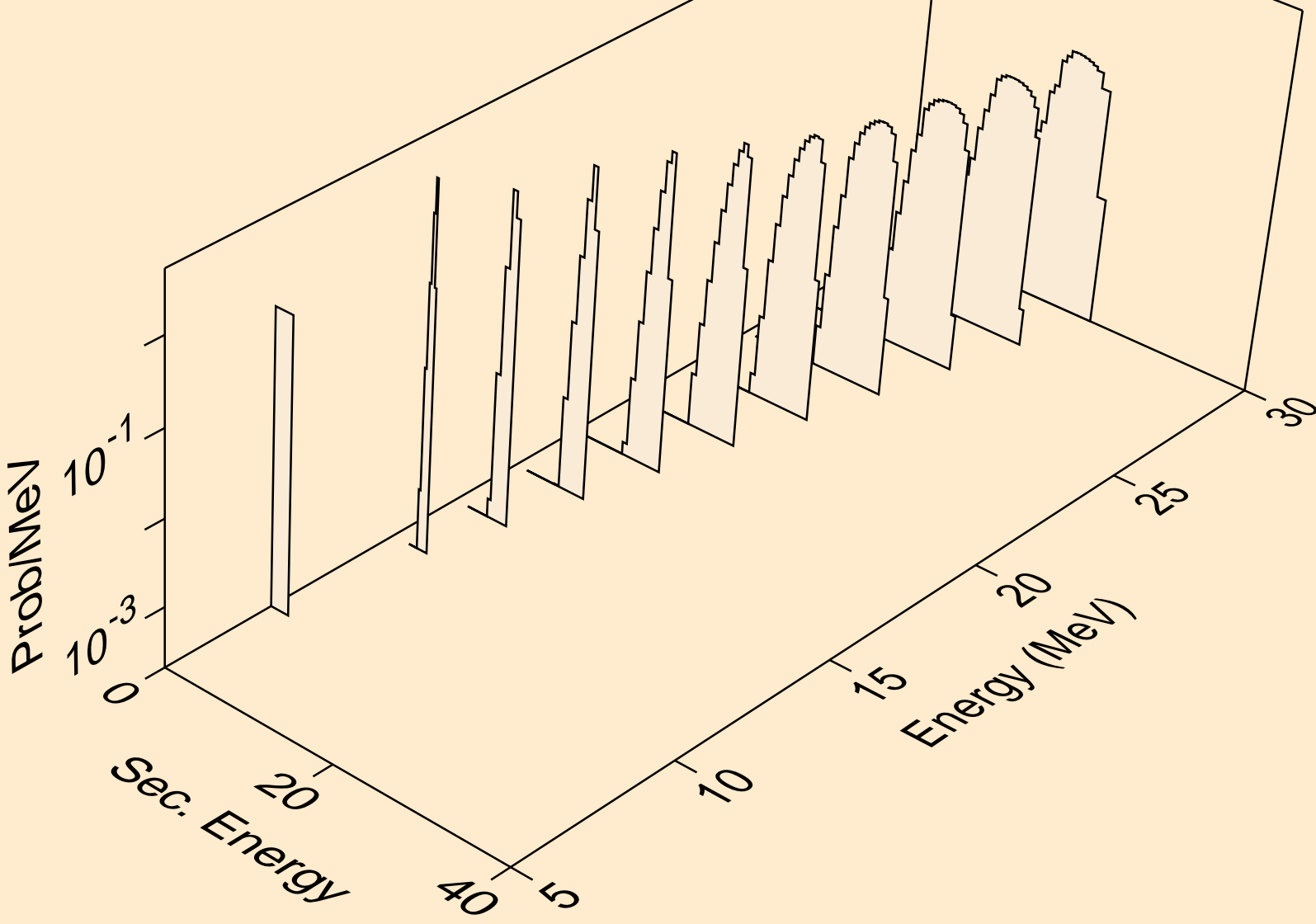
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



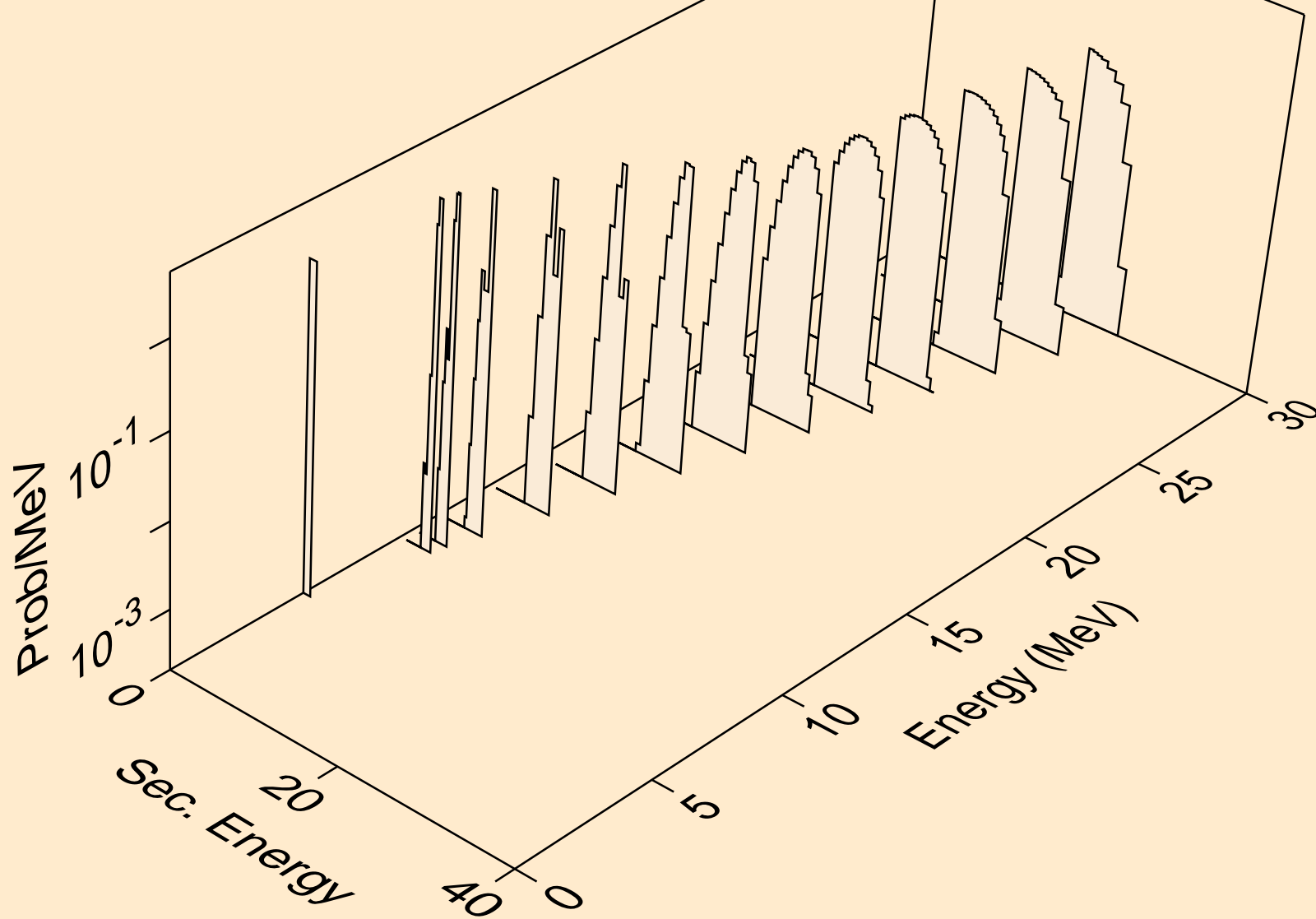
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



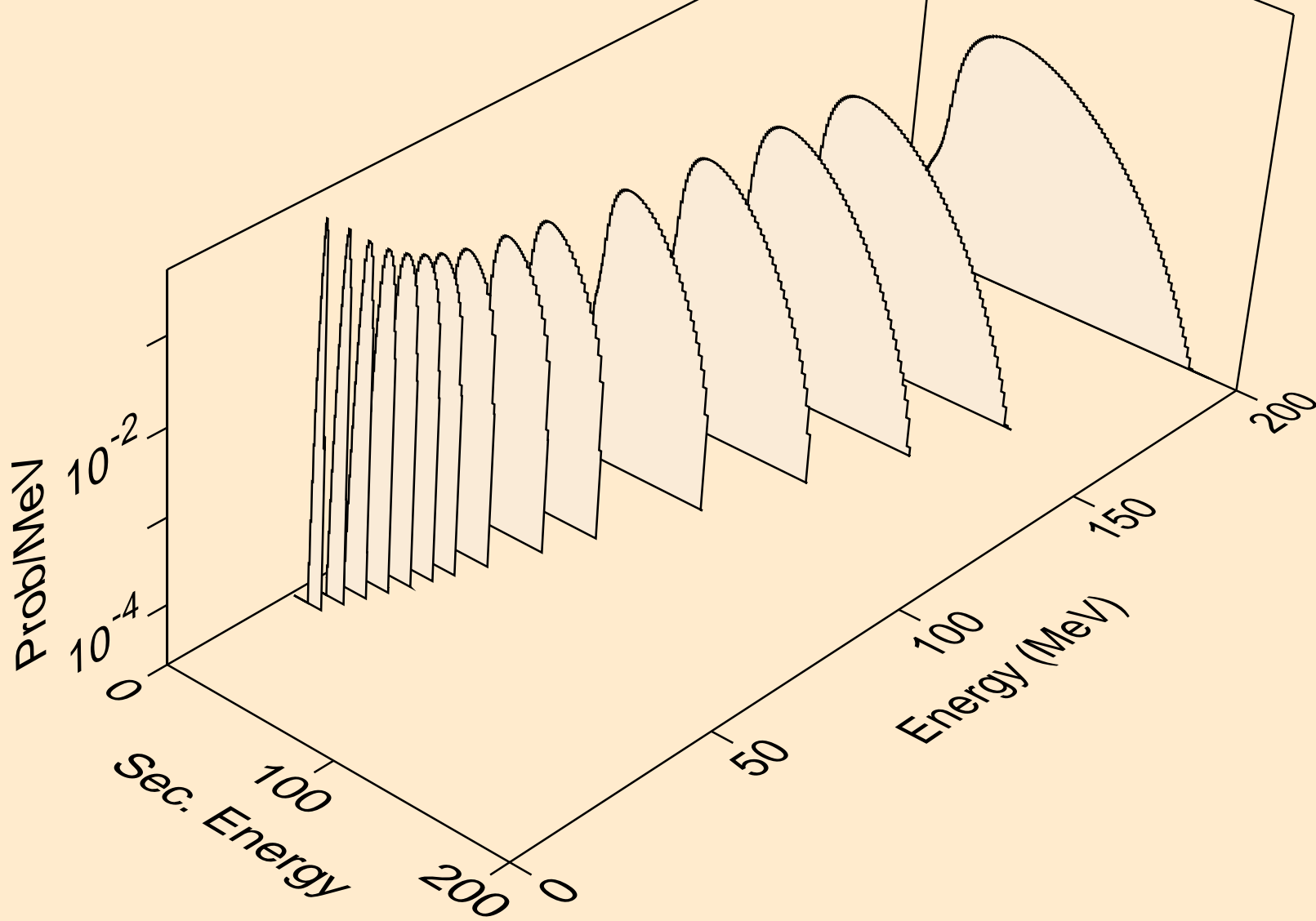
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



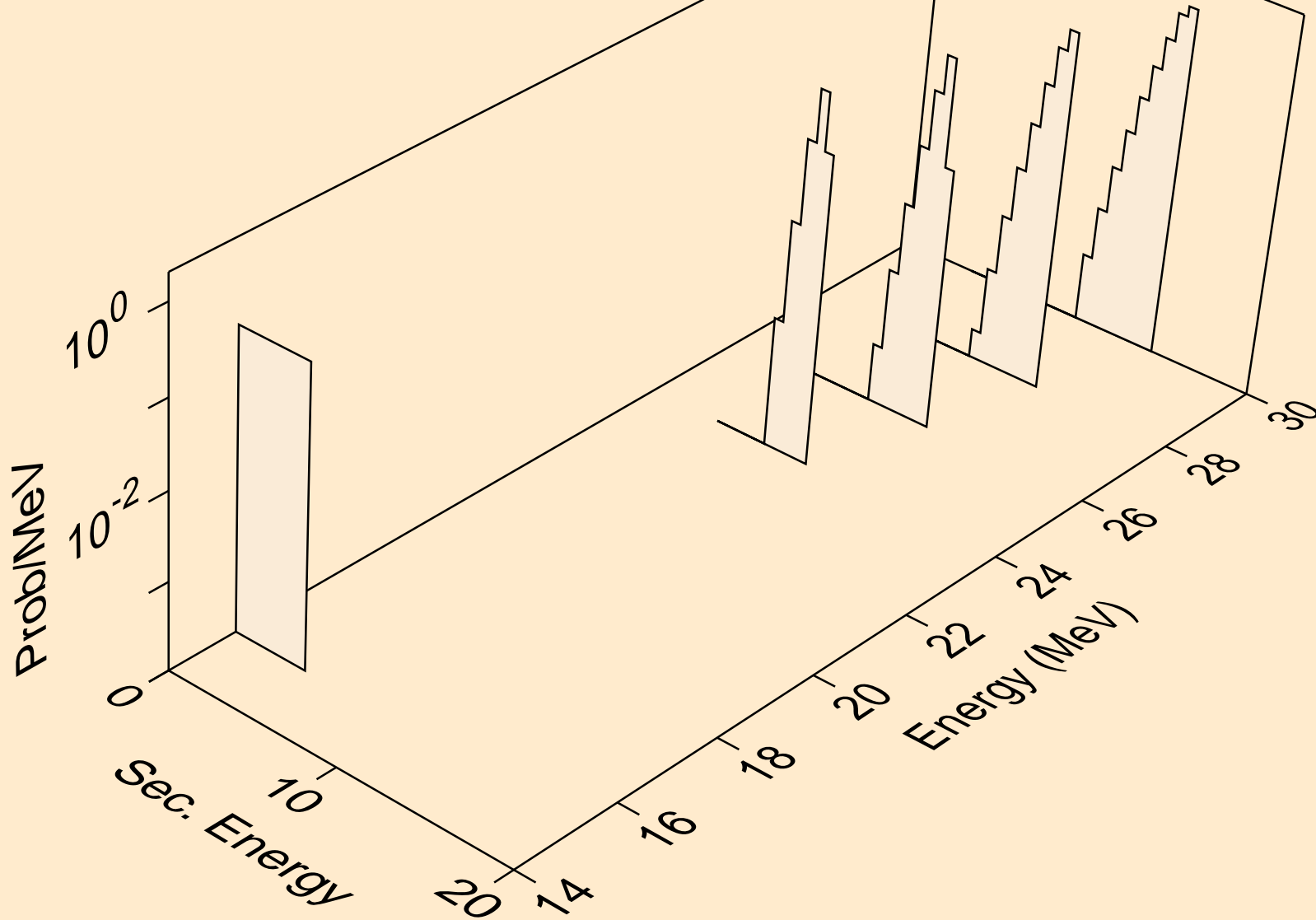
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



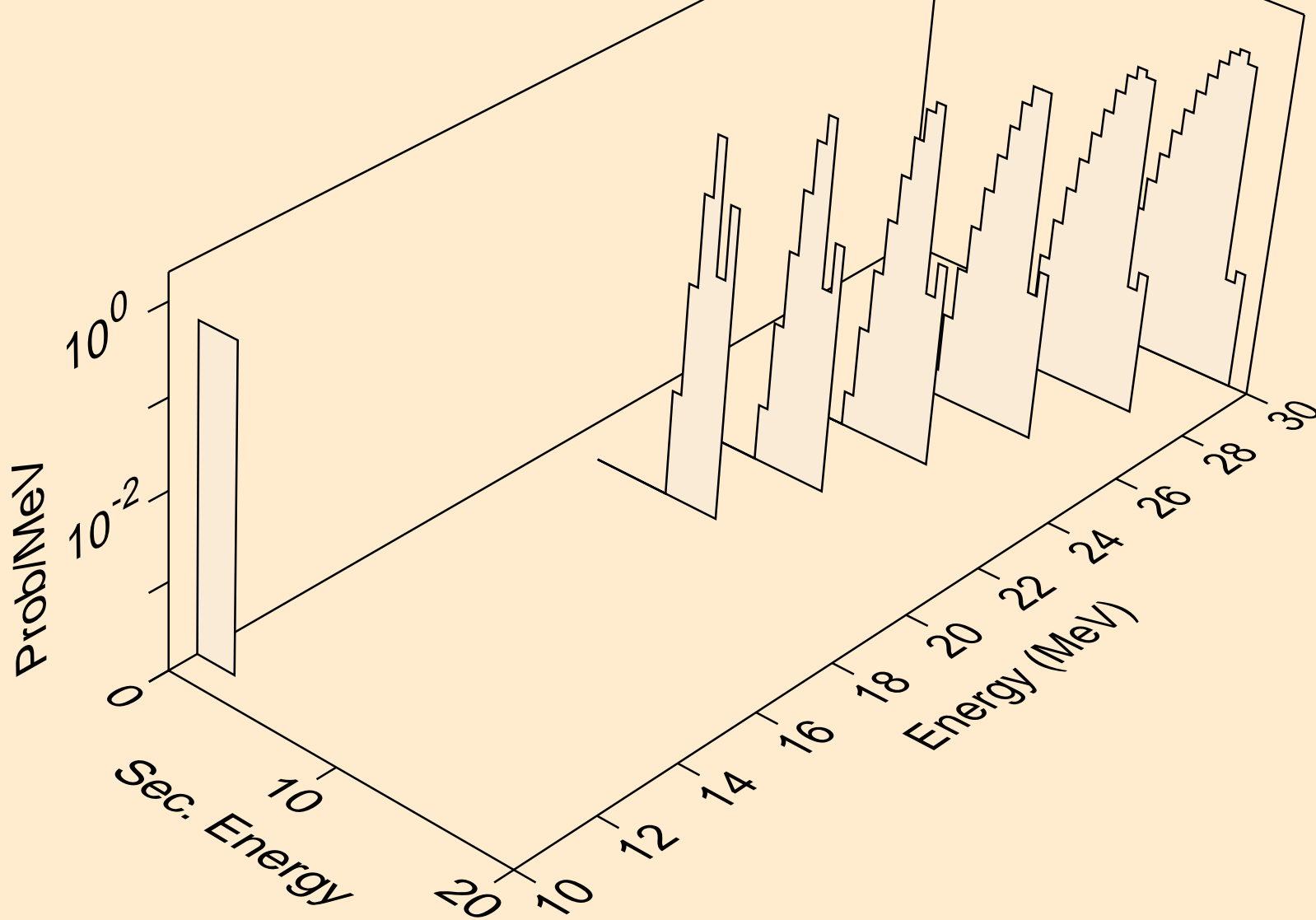
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



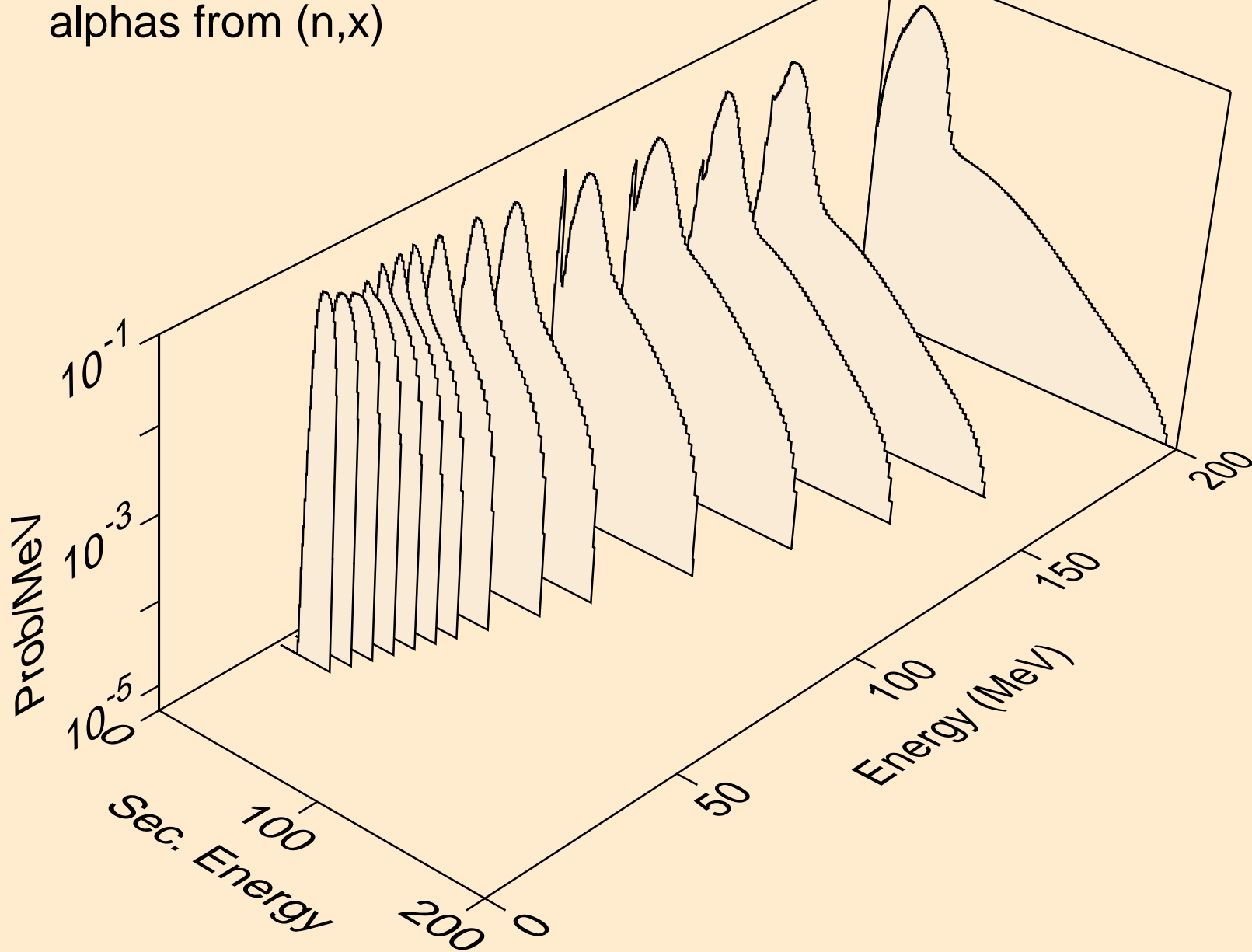
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

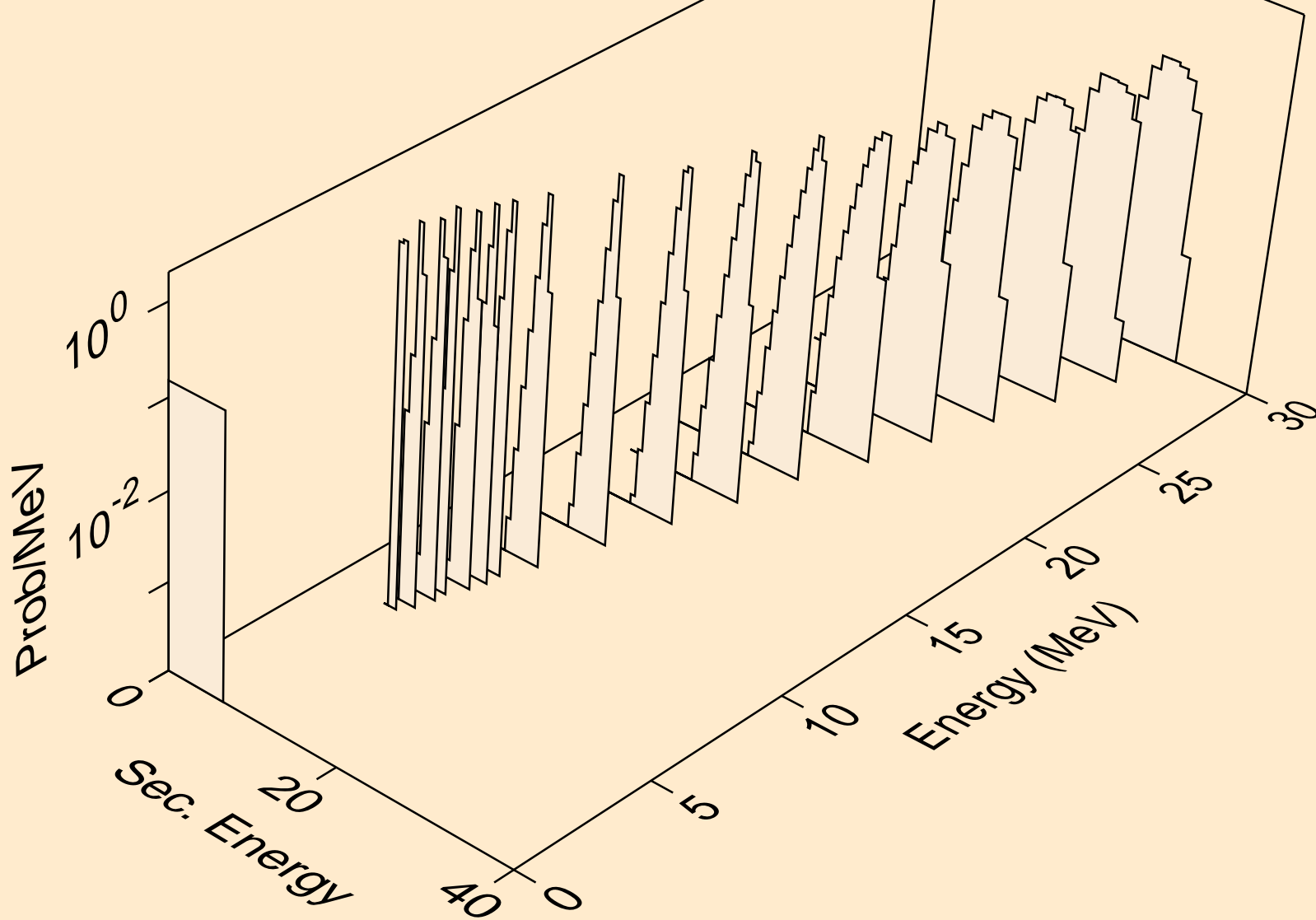


AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

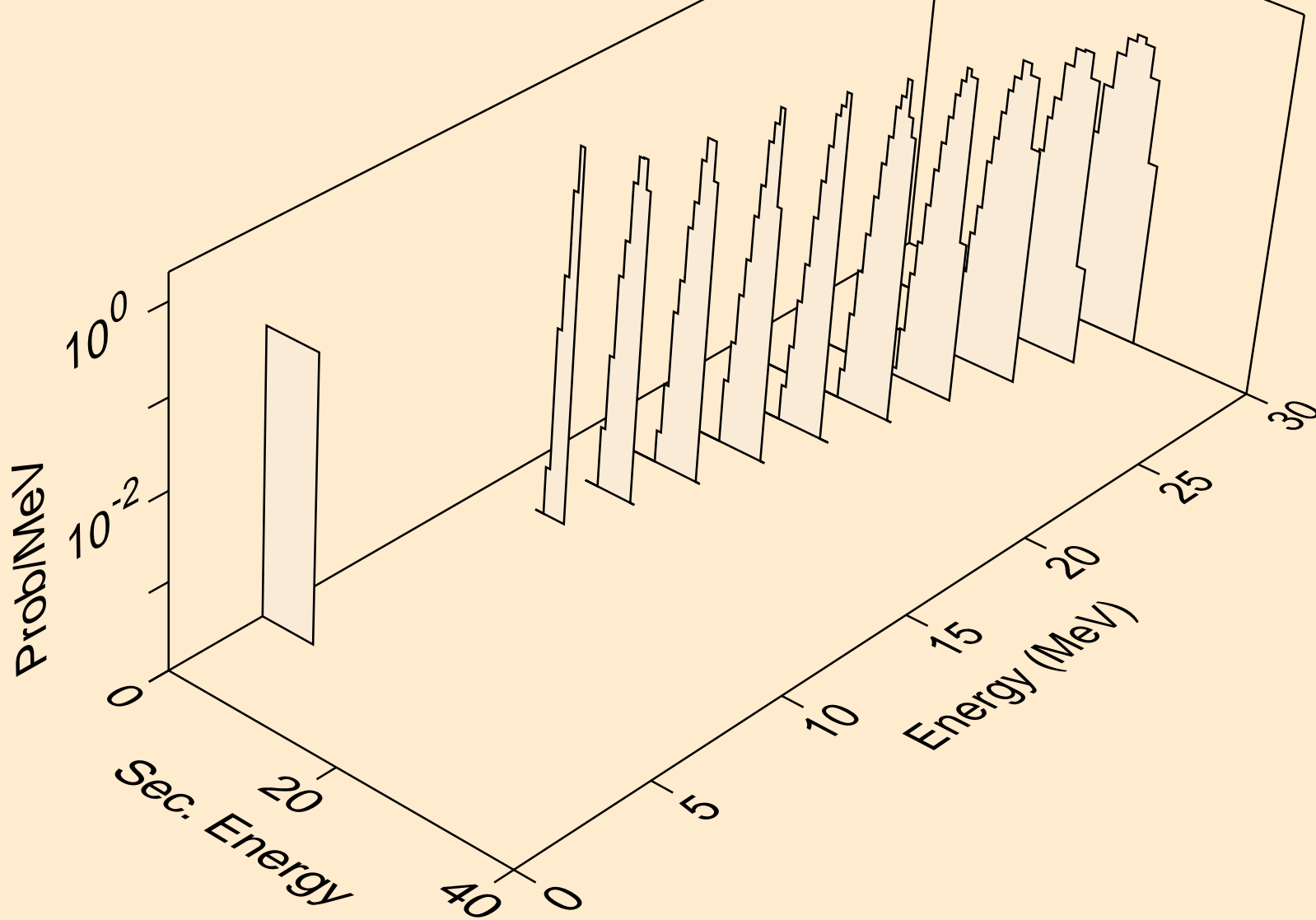




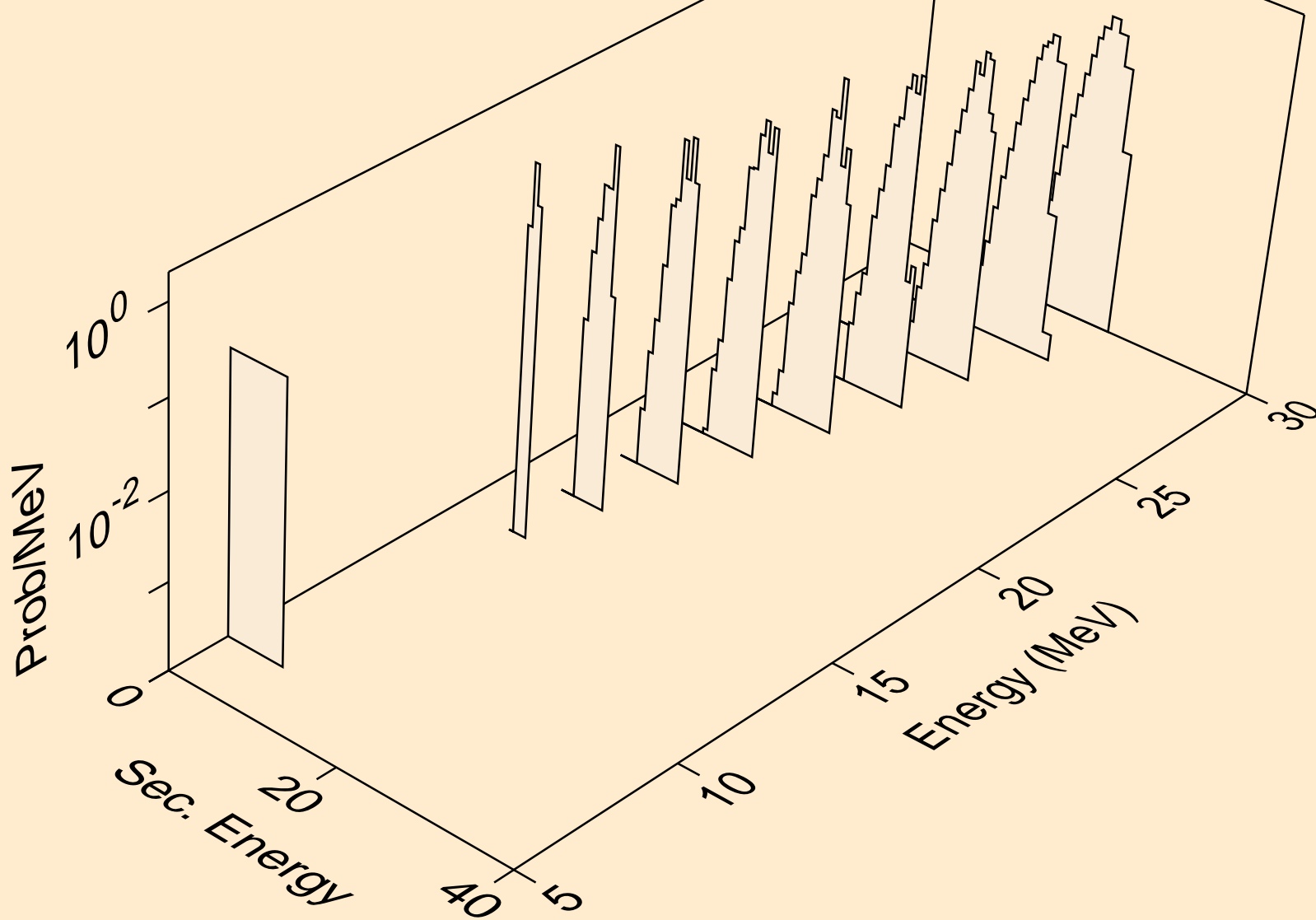
AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



AT229 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

