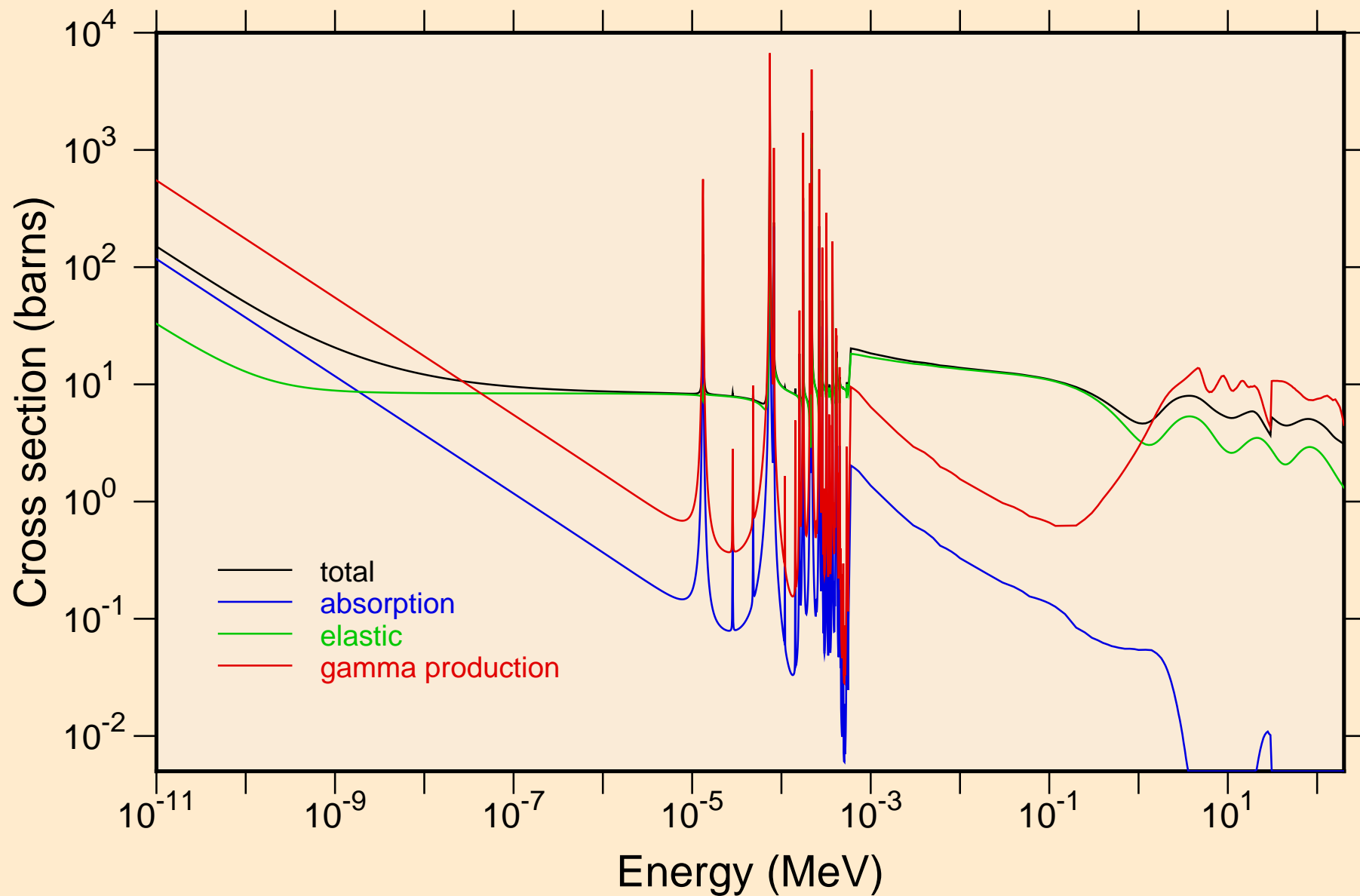
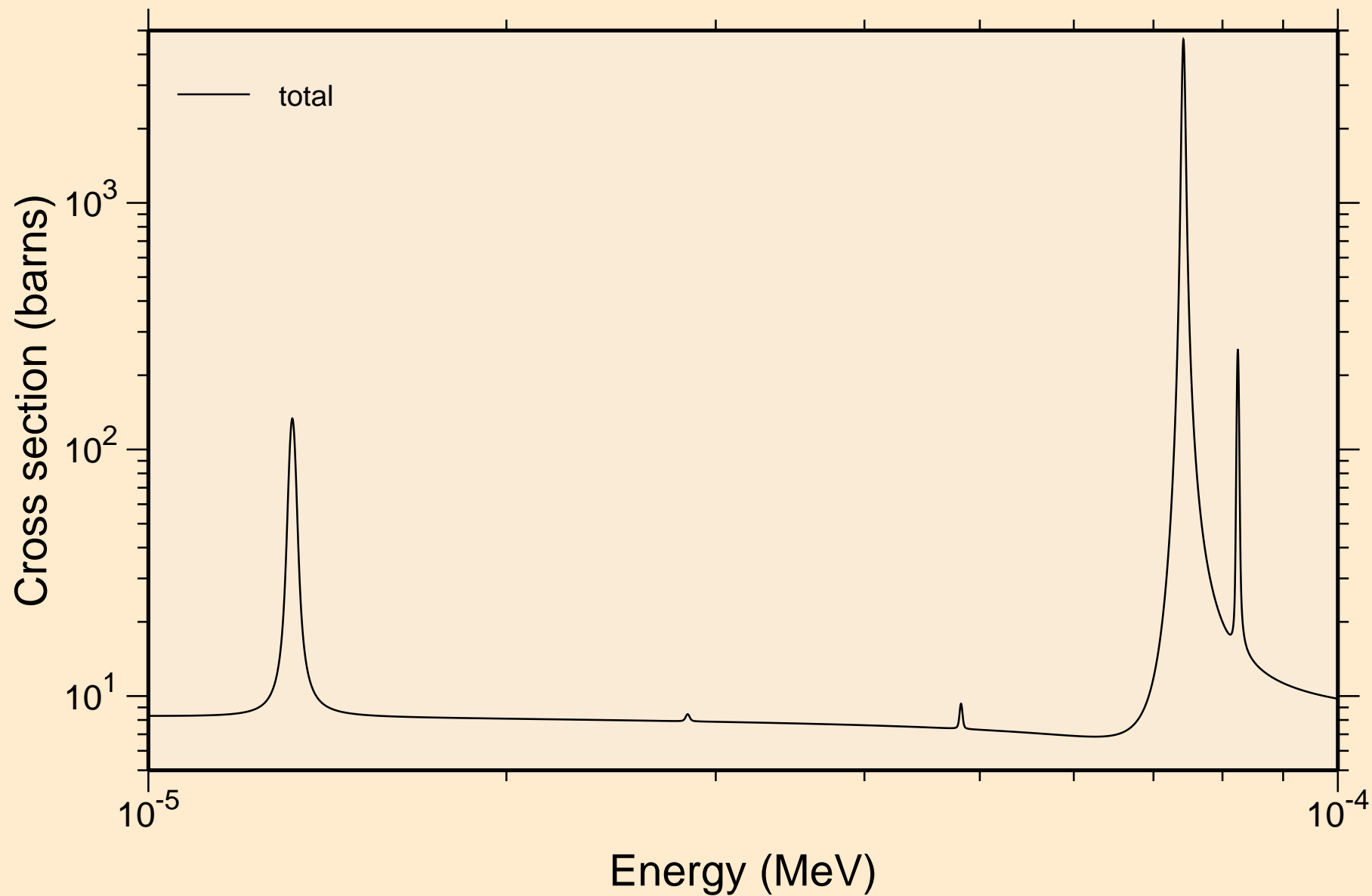


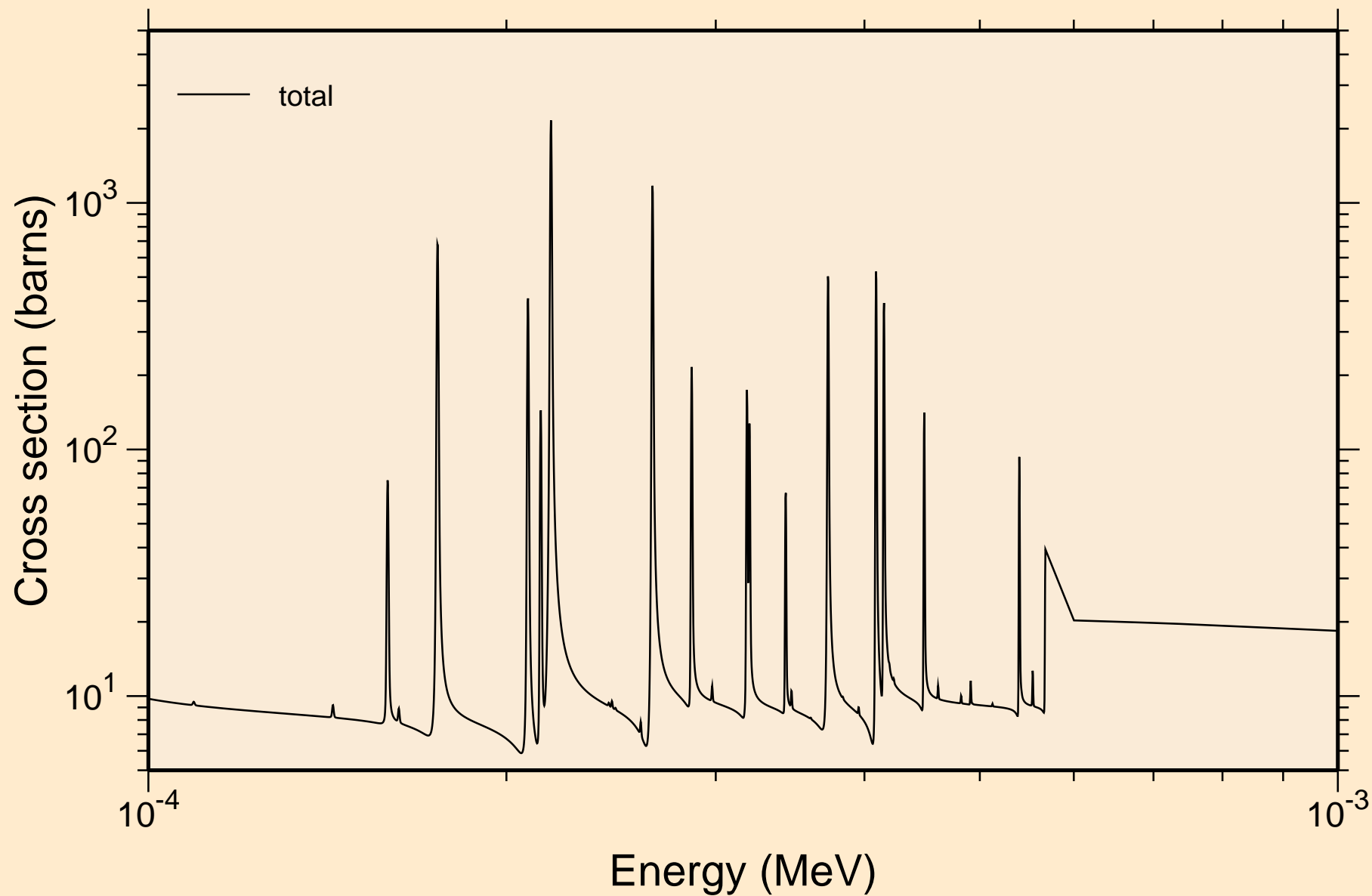
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



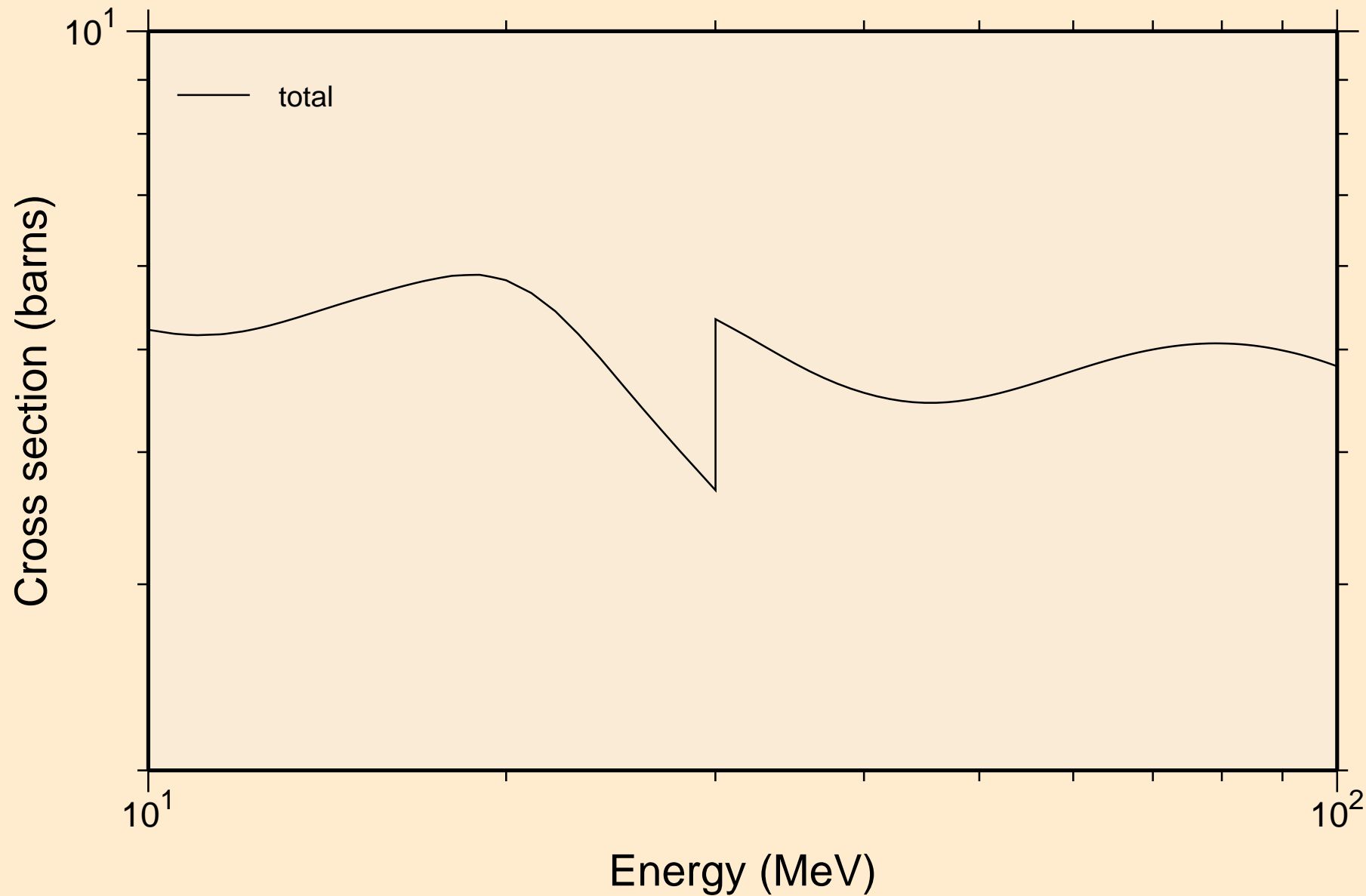
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



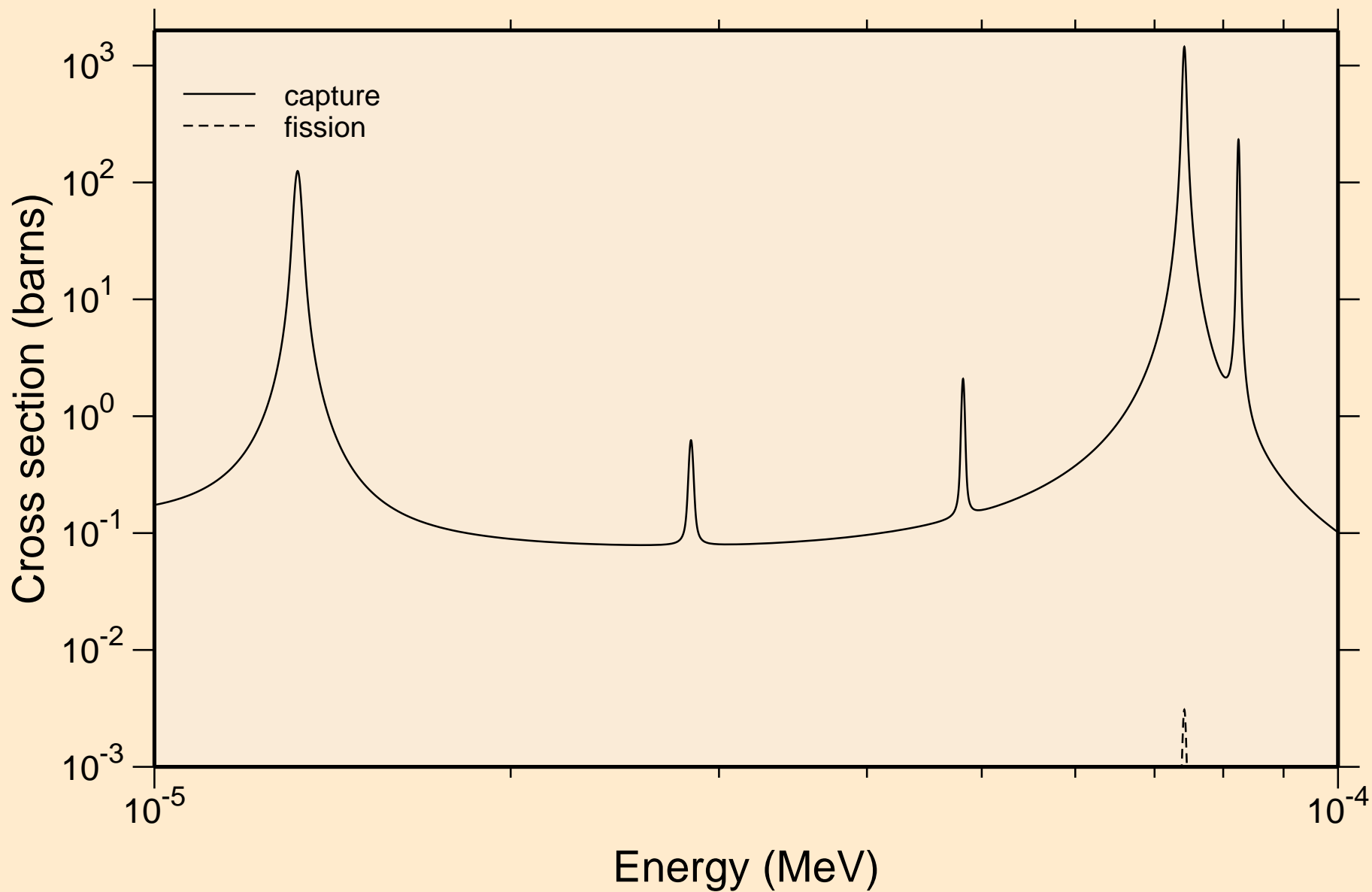
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



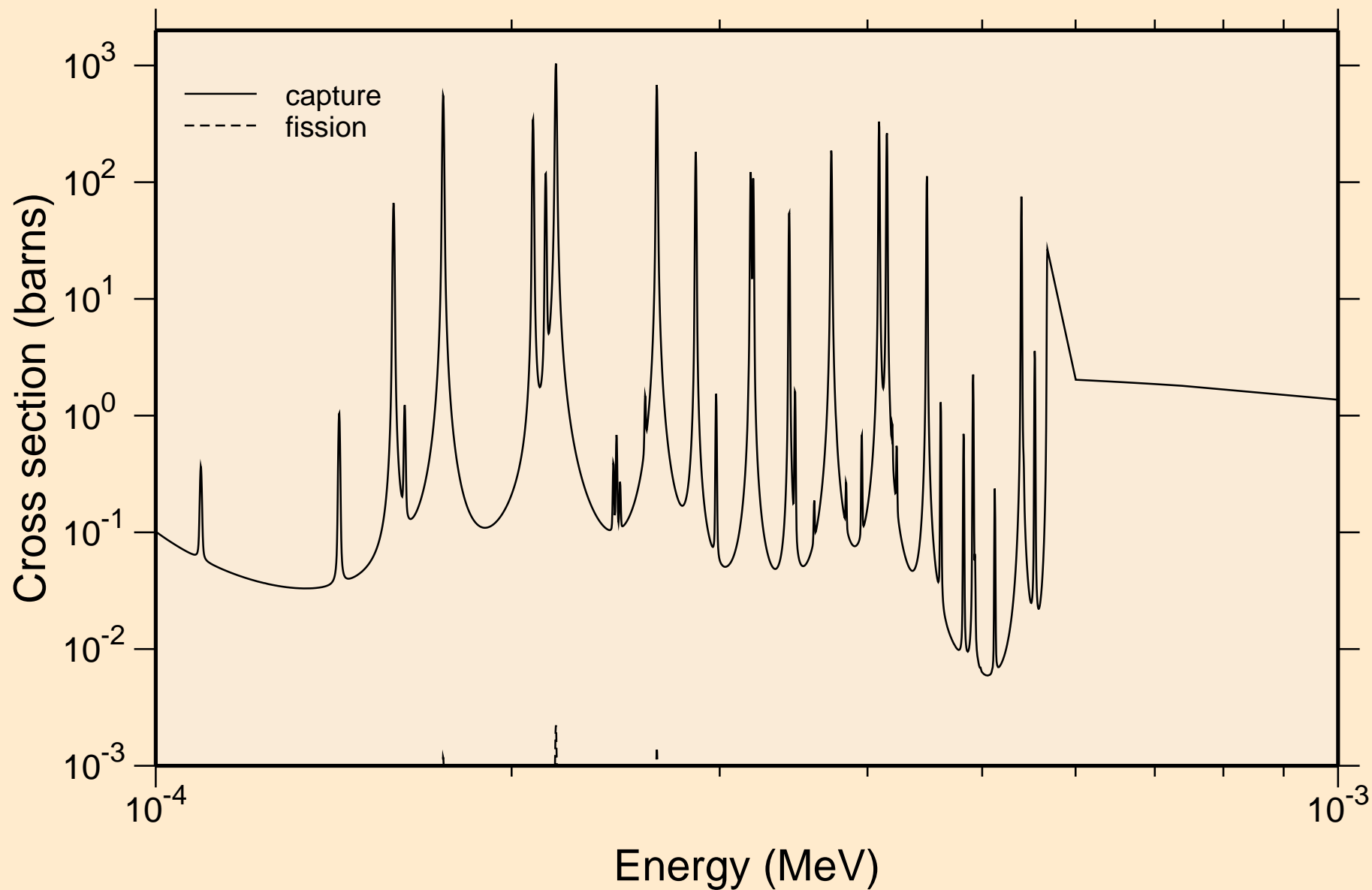
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



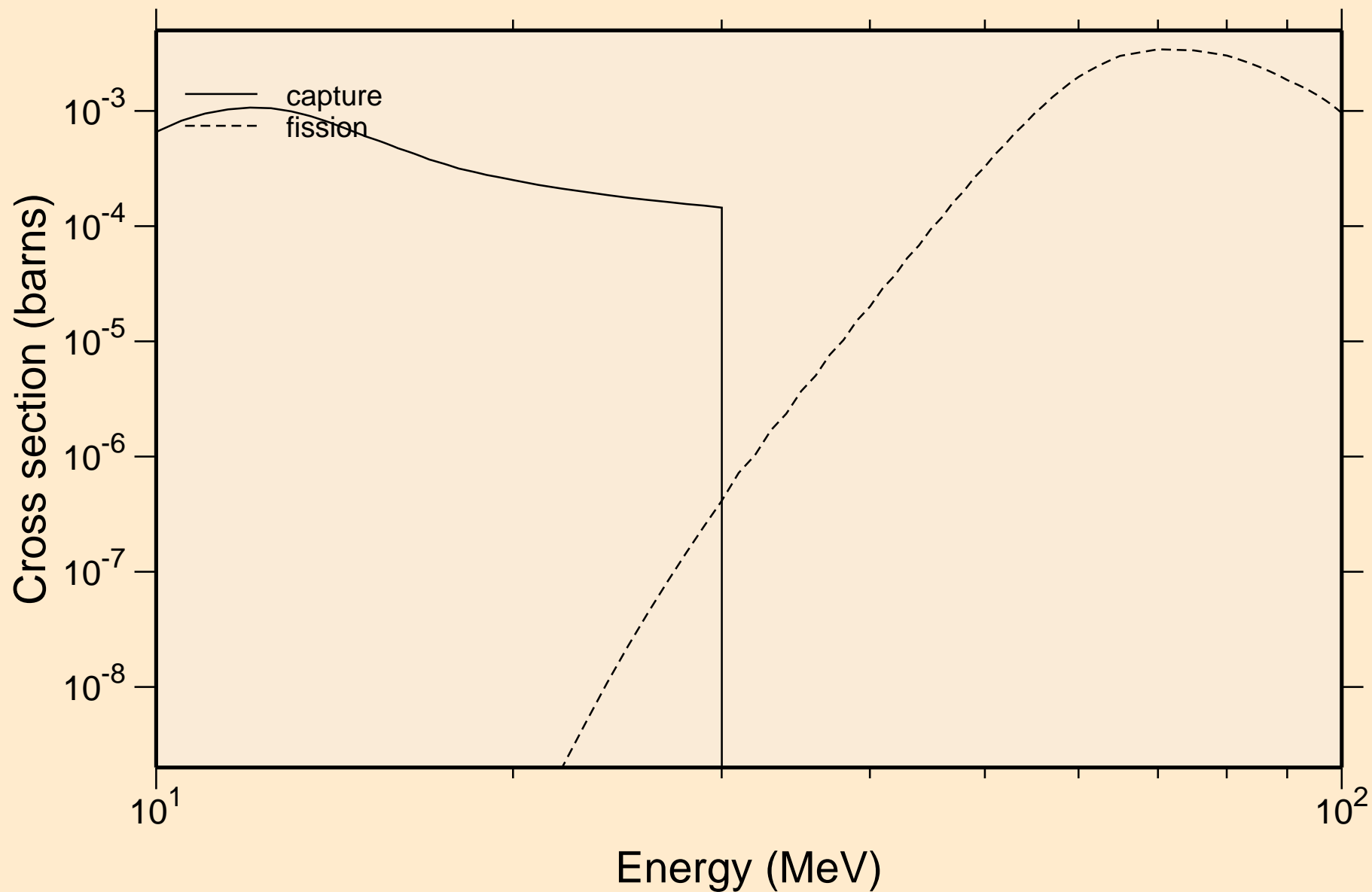
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



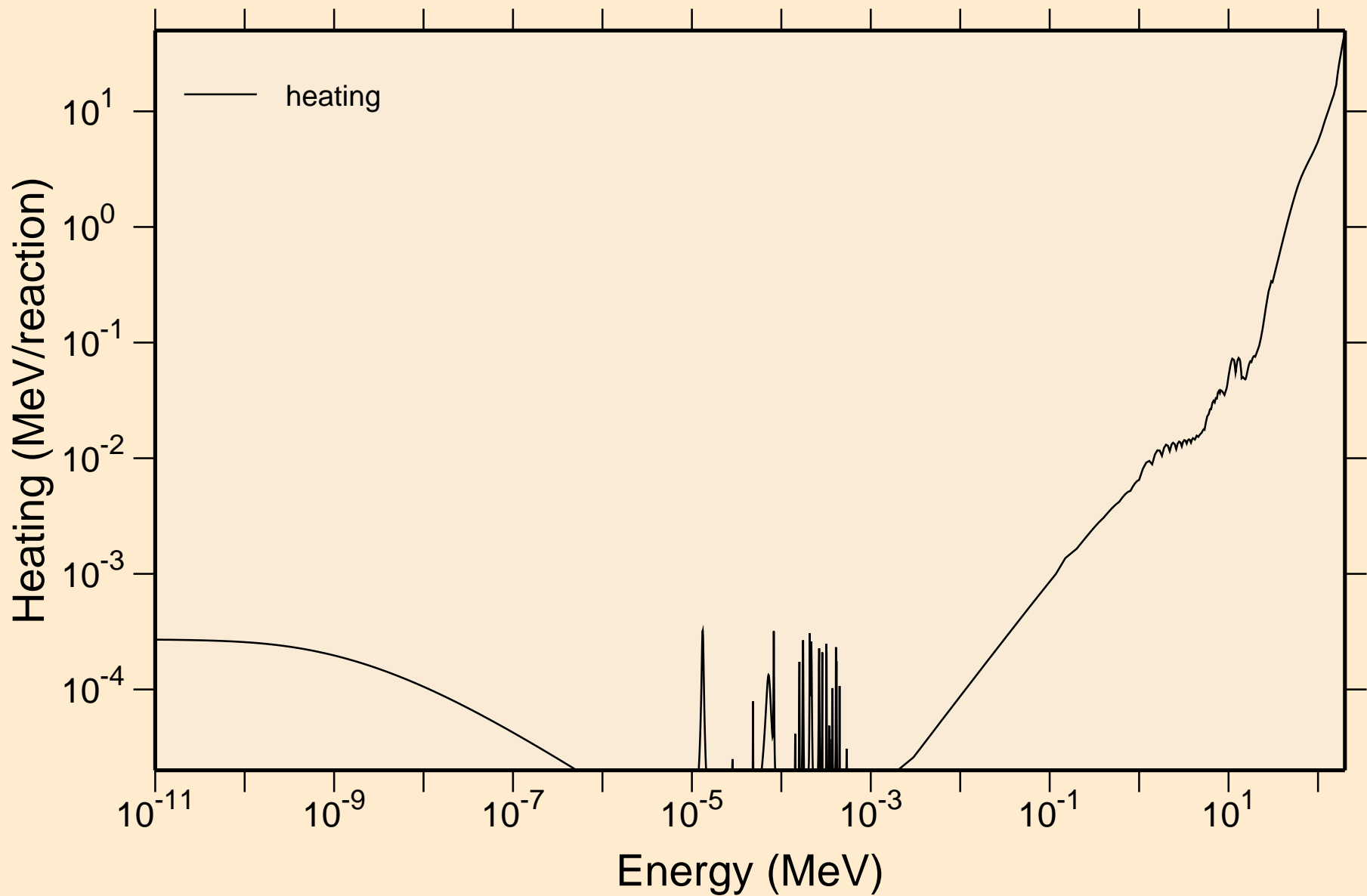
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



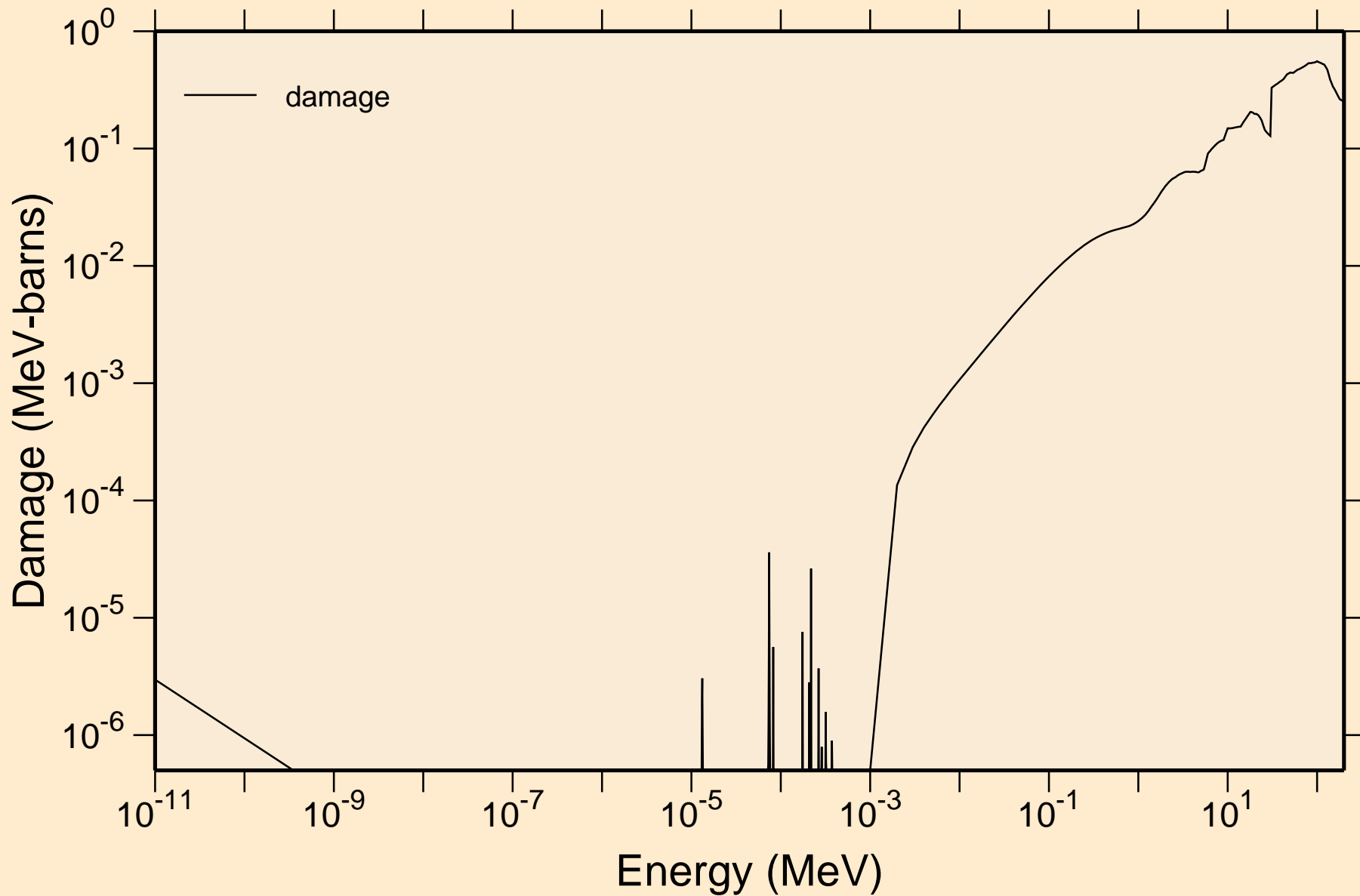
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



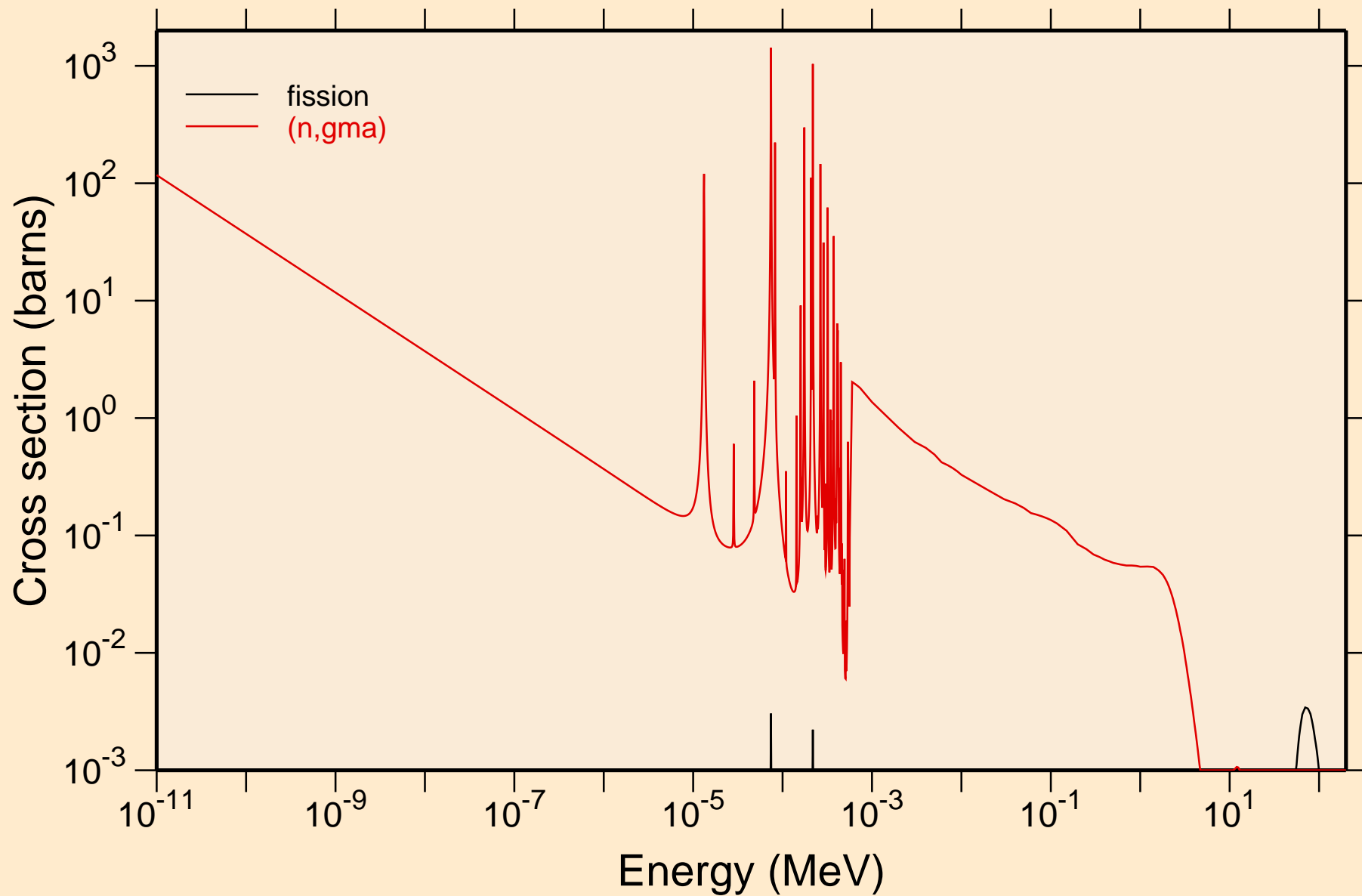
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

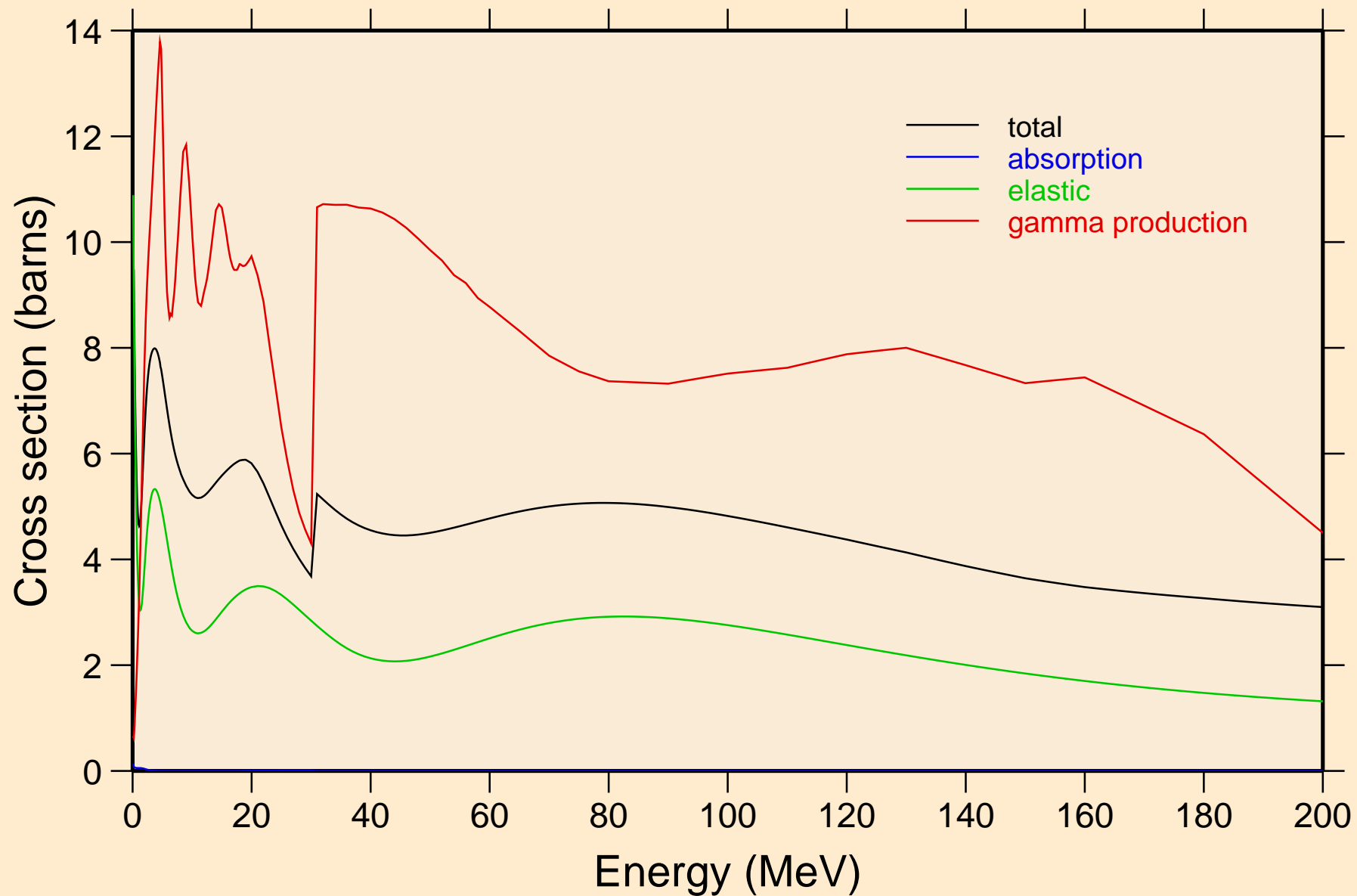


BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

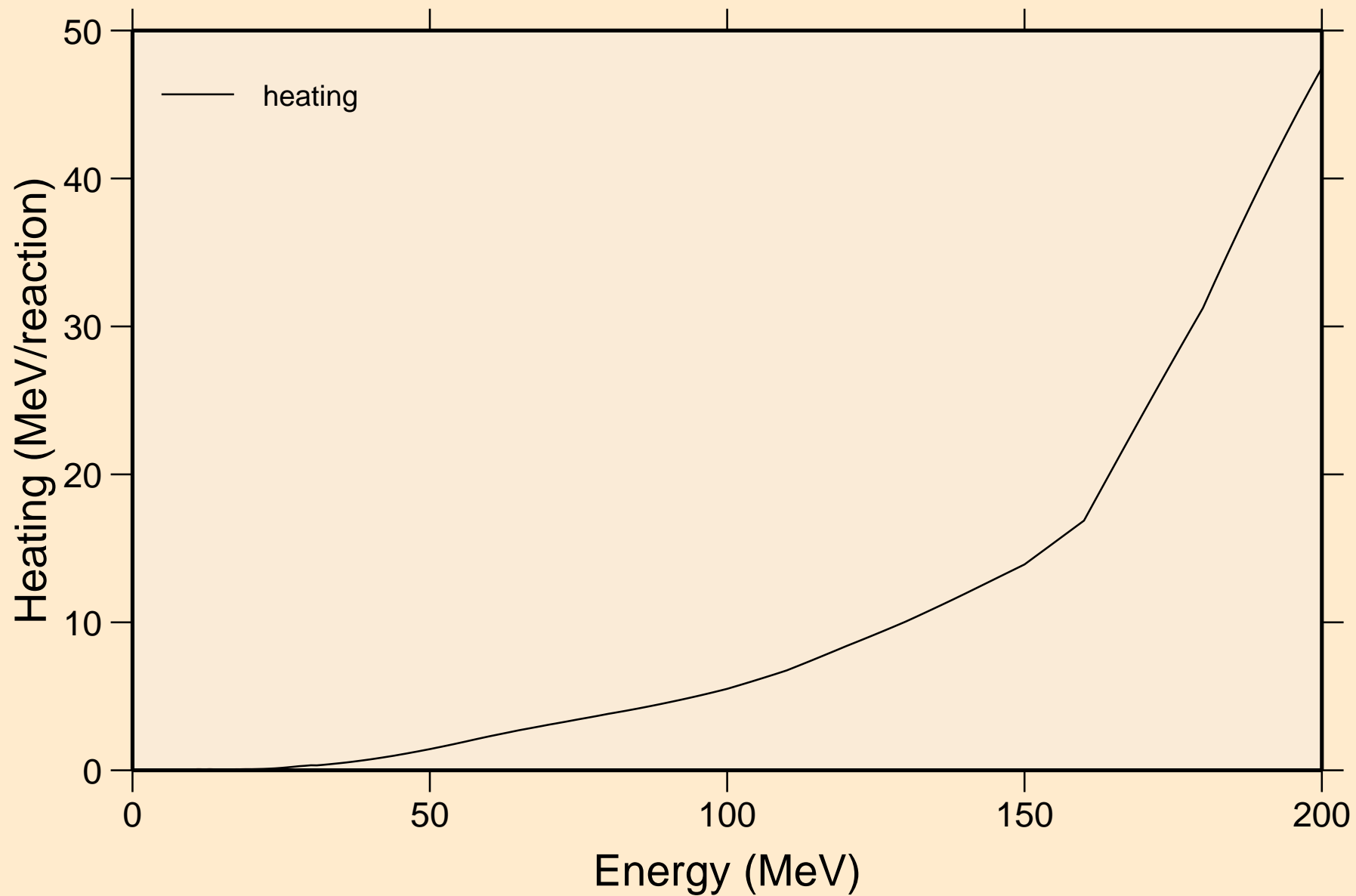


# BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

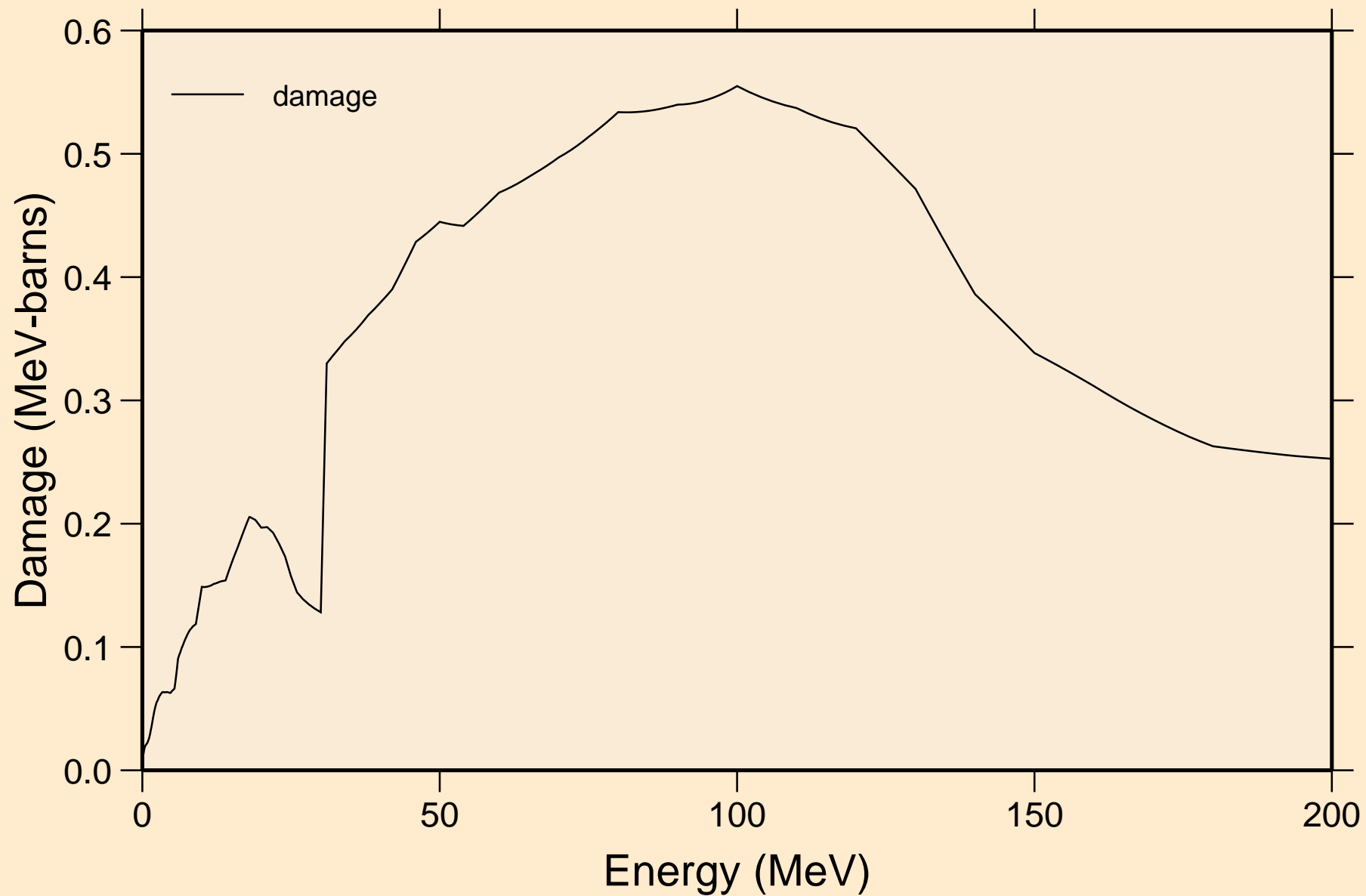
## Principal cross sections



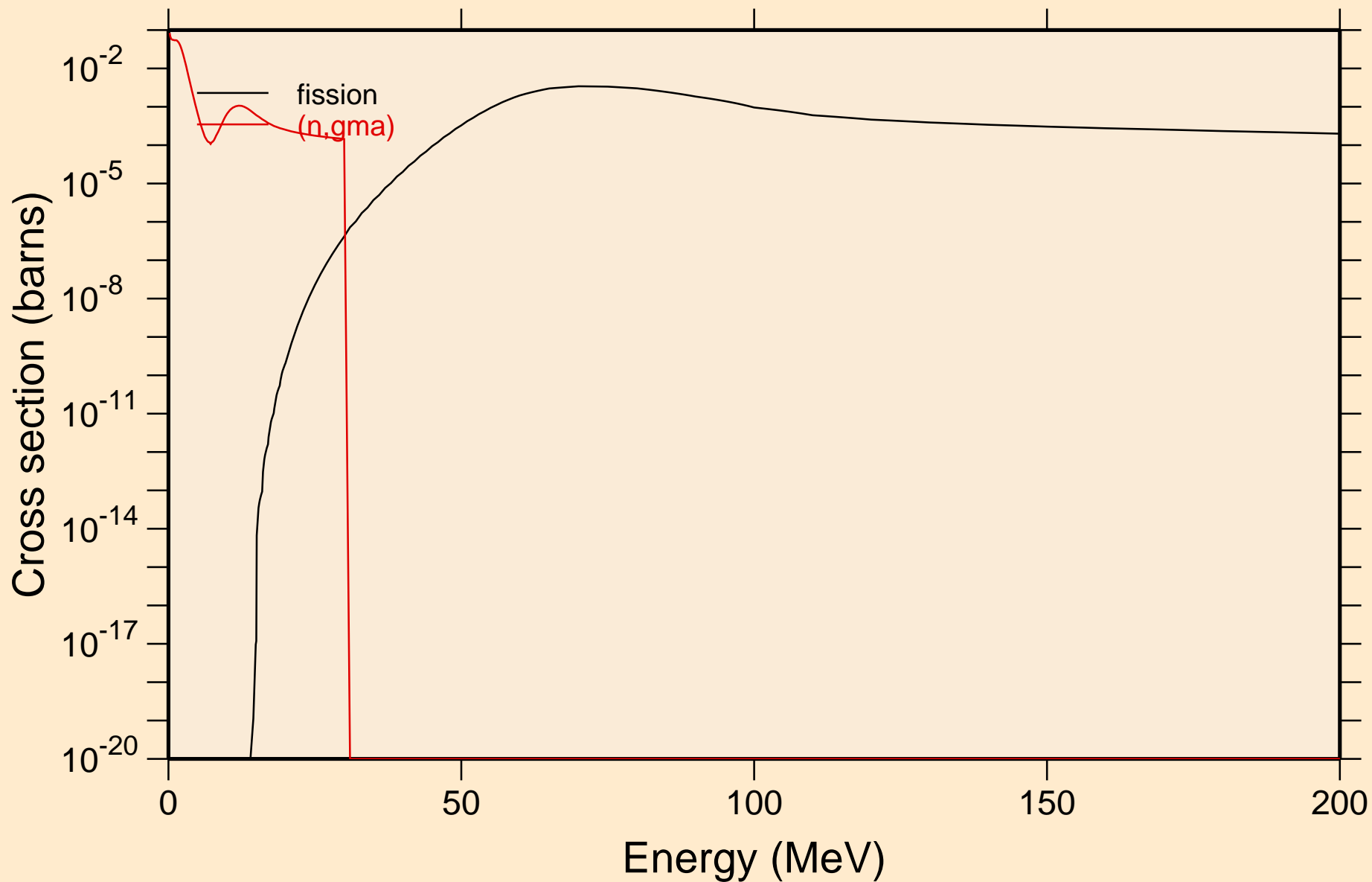
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



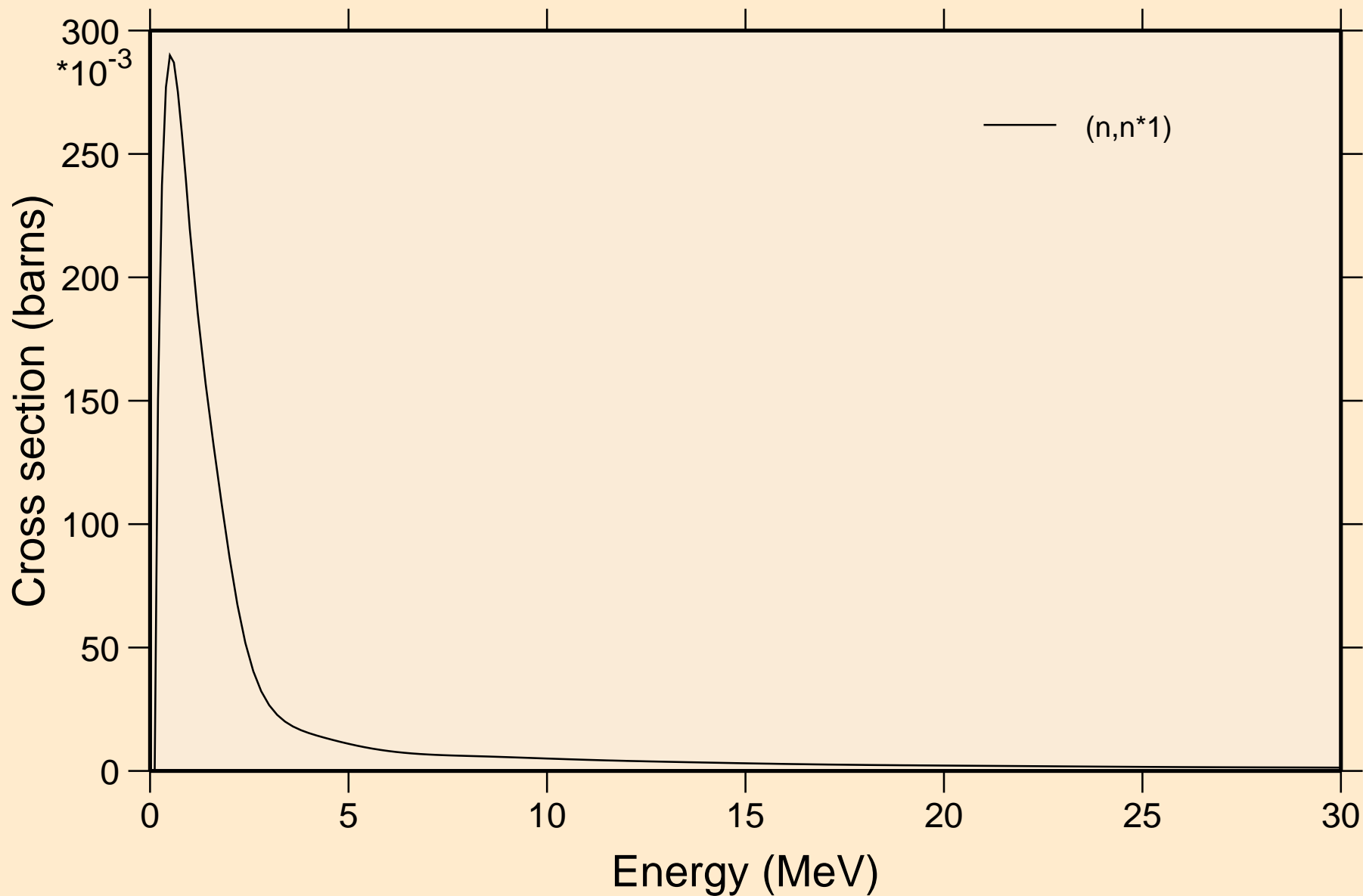
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

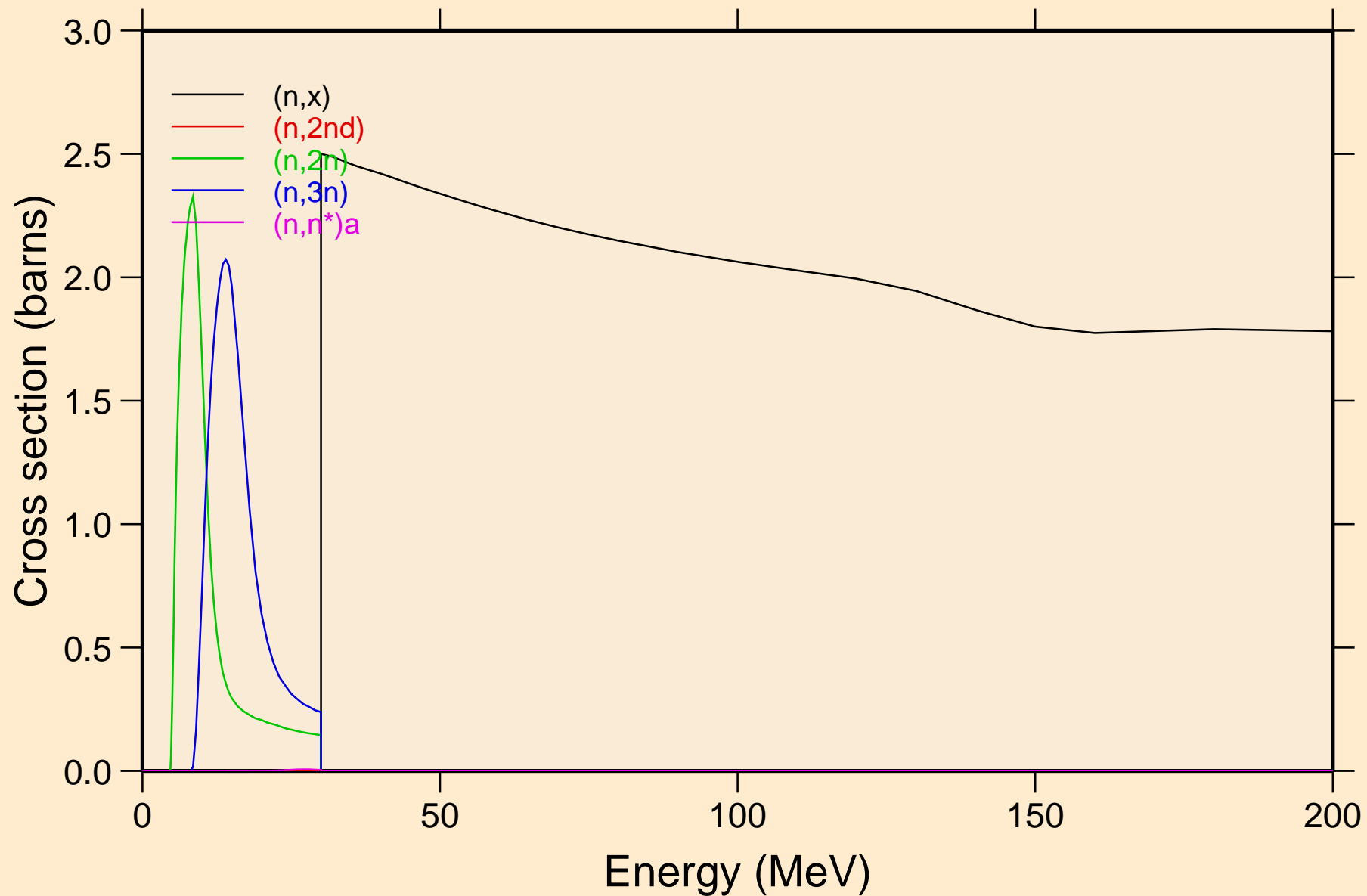


BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

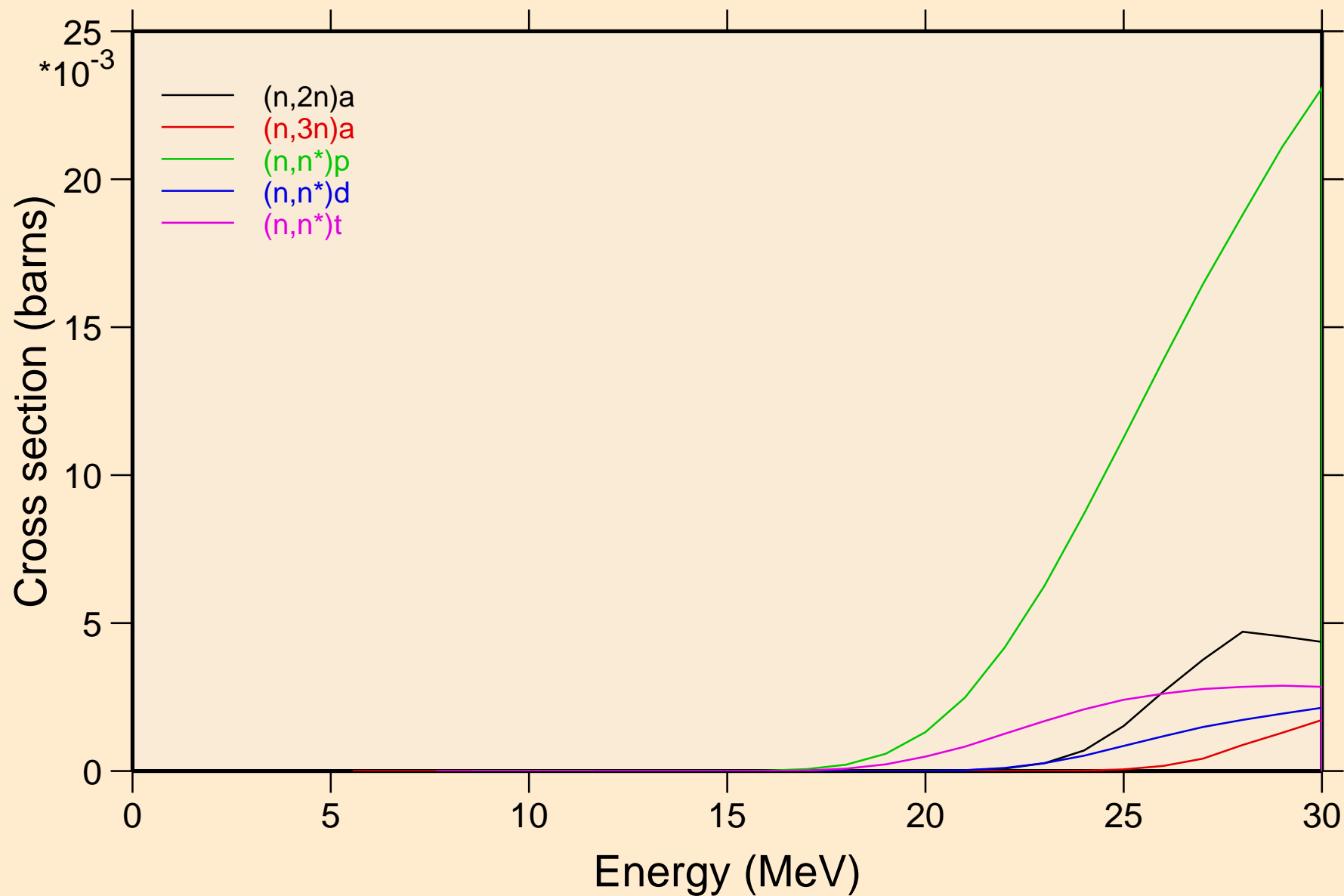


# BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

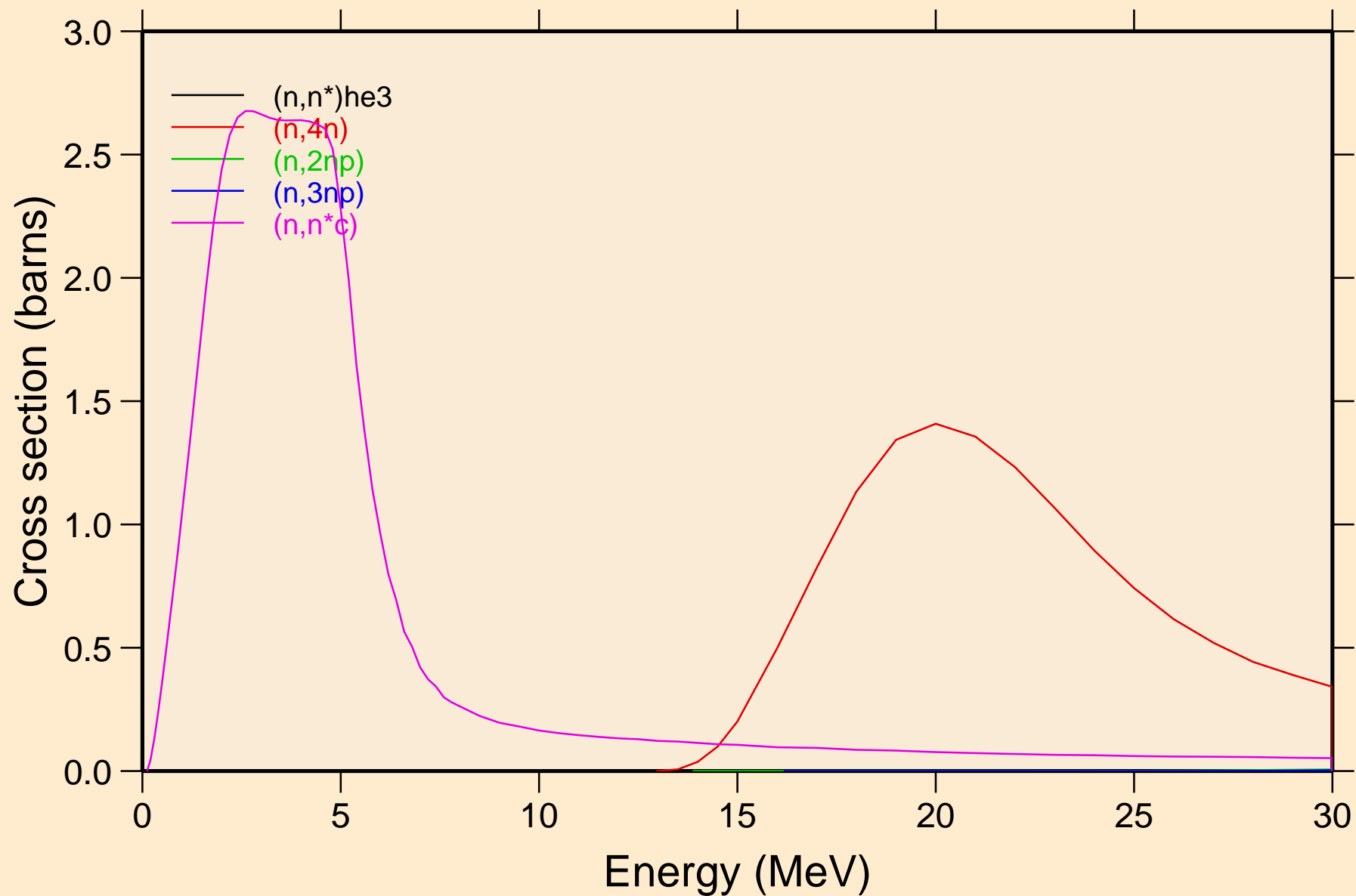
## Threshold reactions



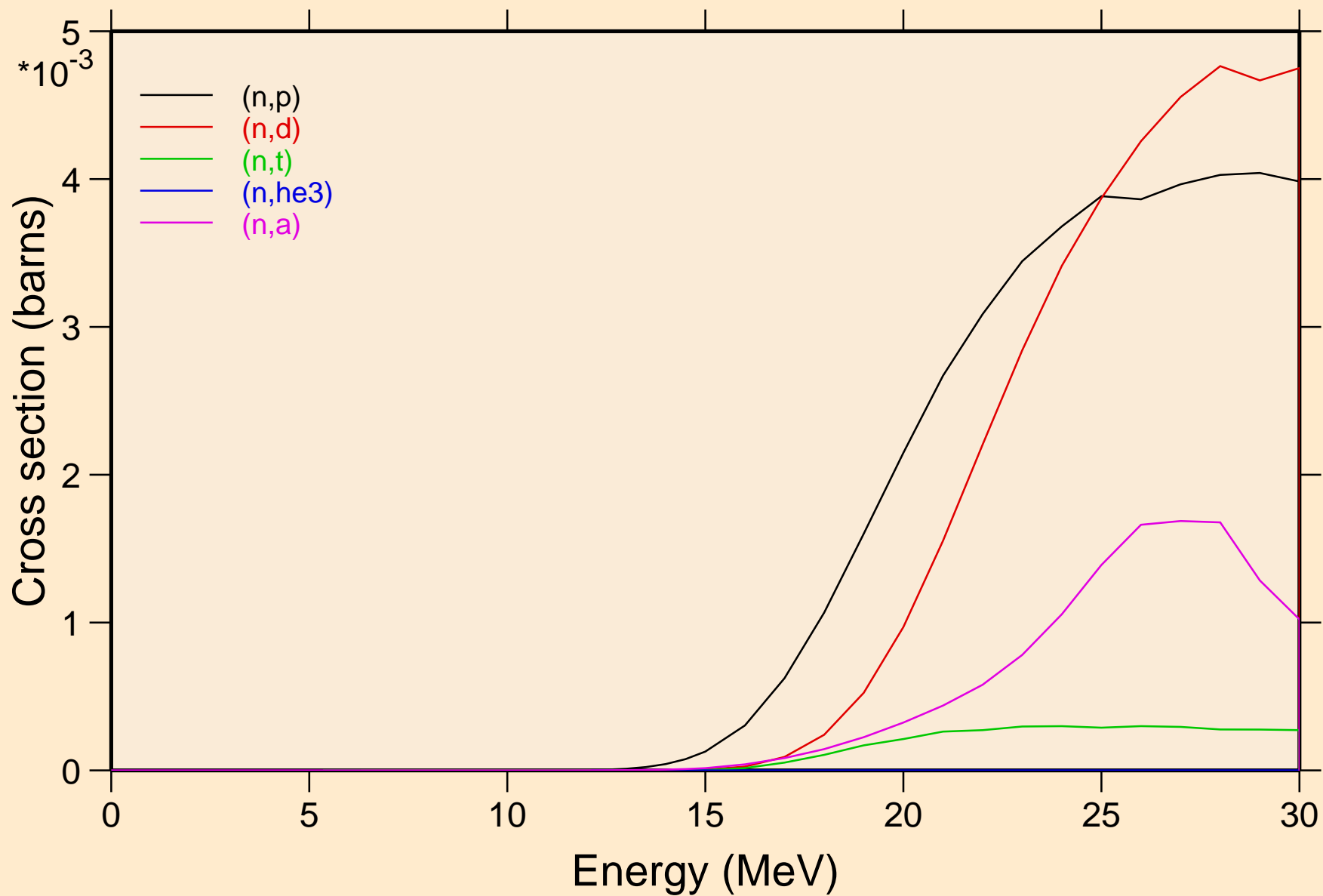
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

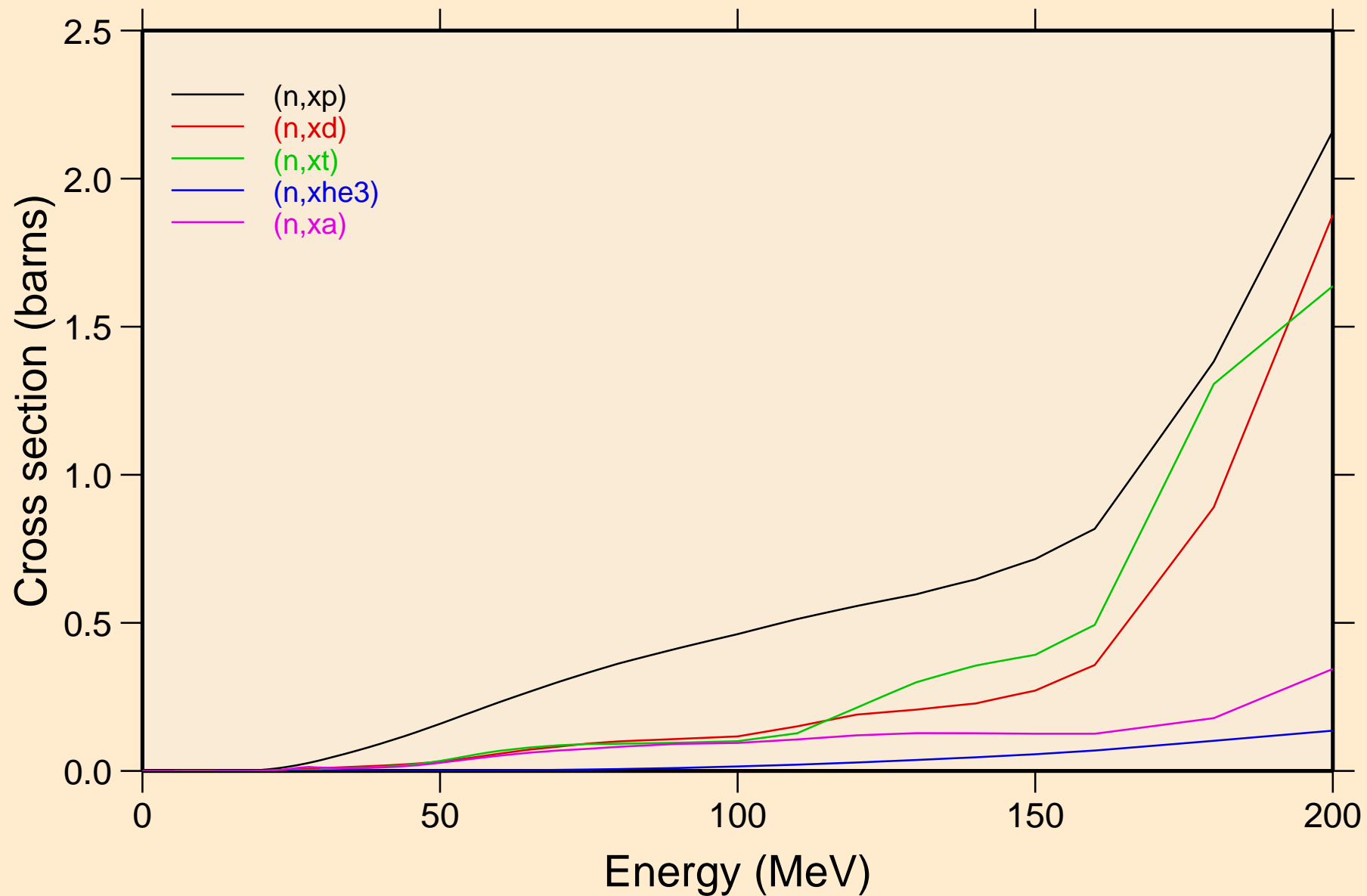


BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

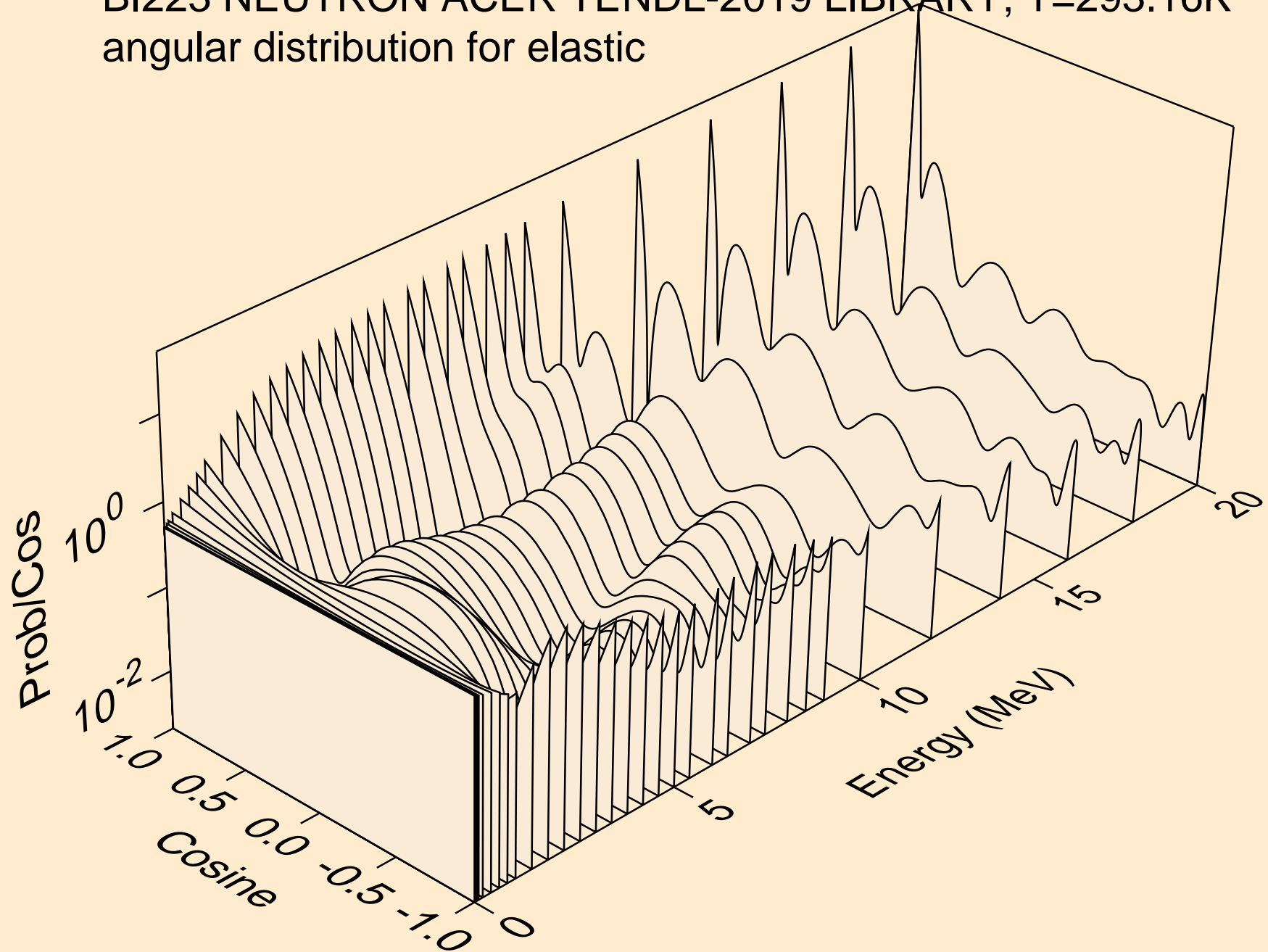


# BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

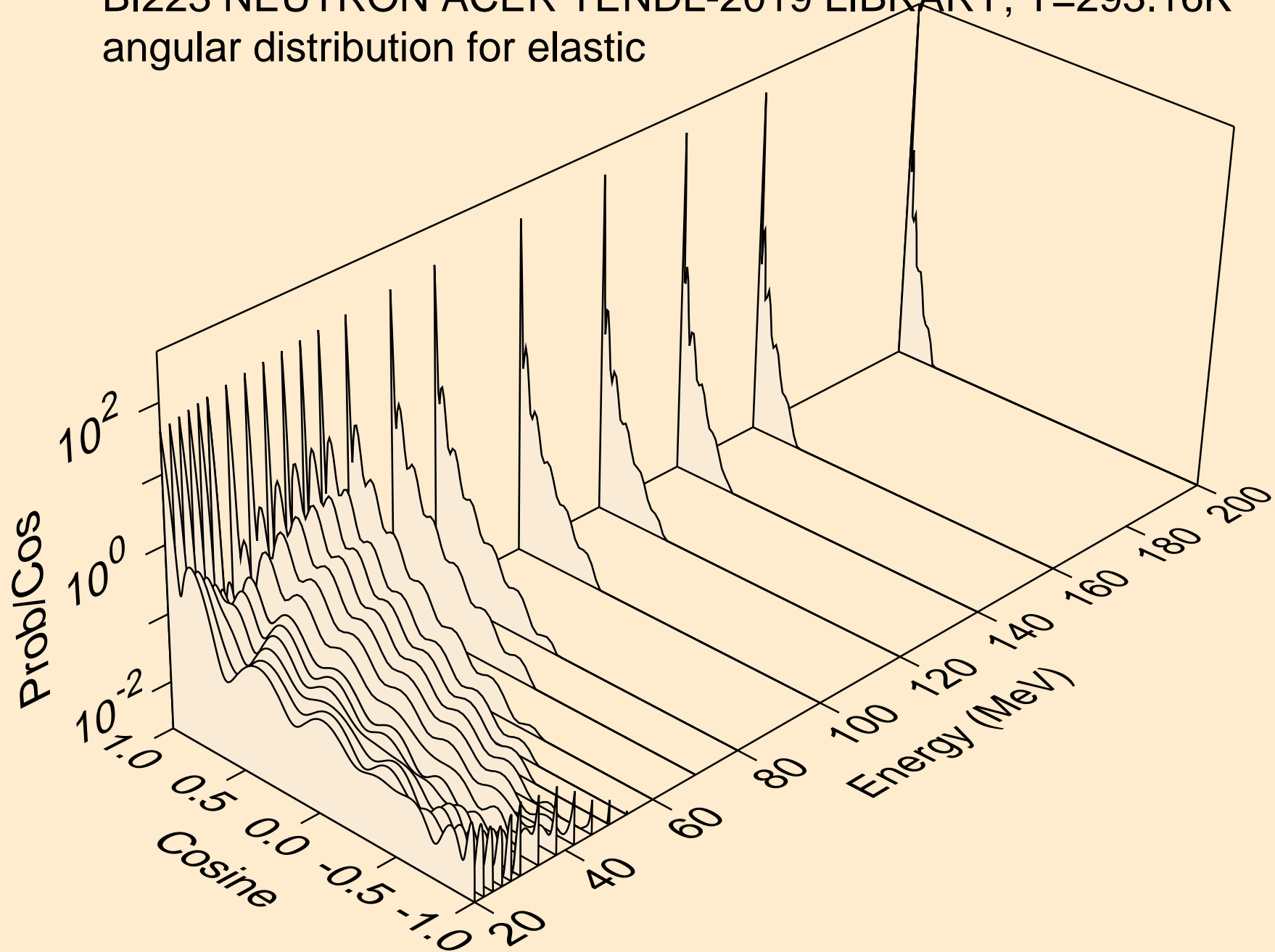
## Threshold reactions



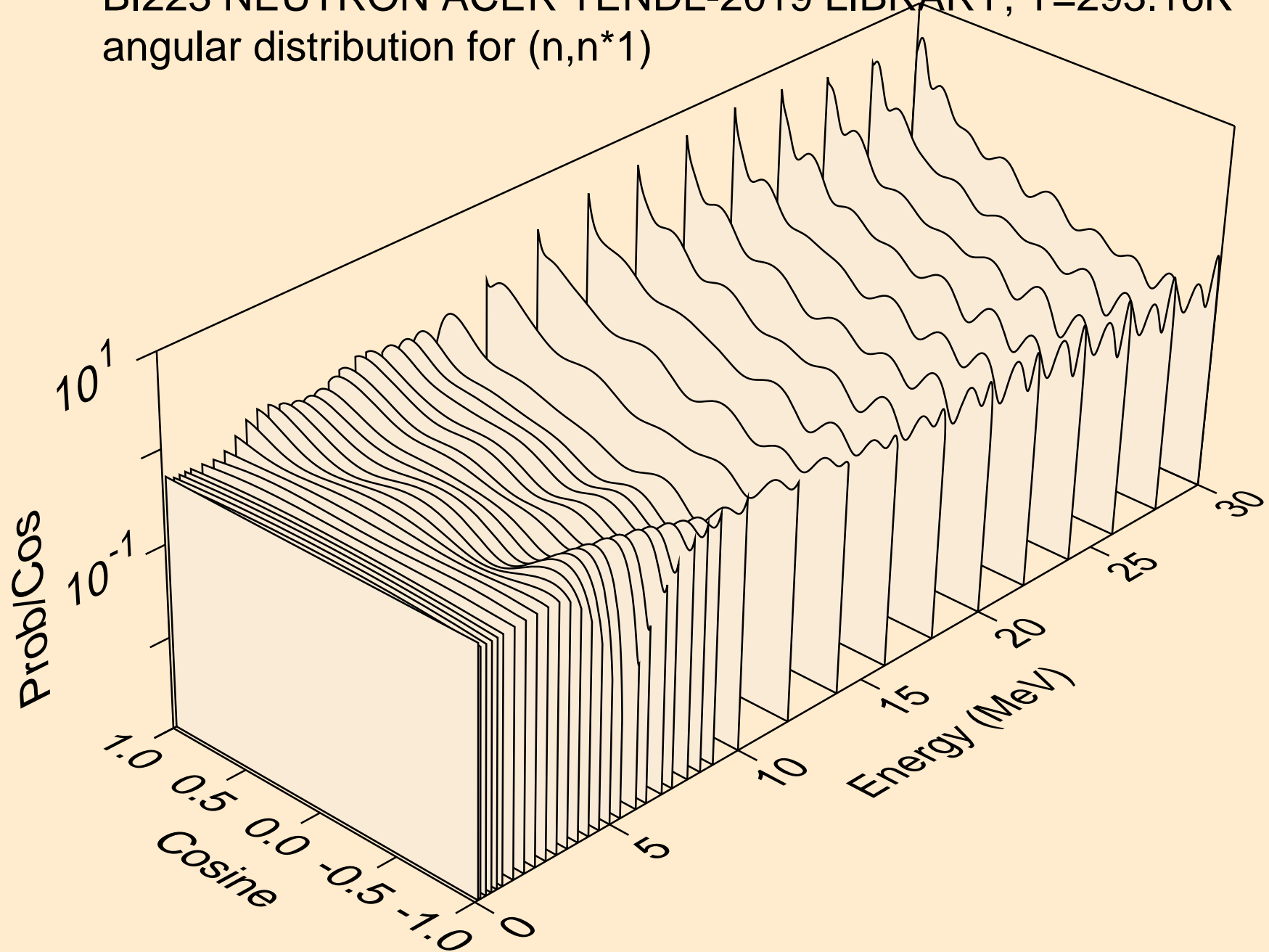
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



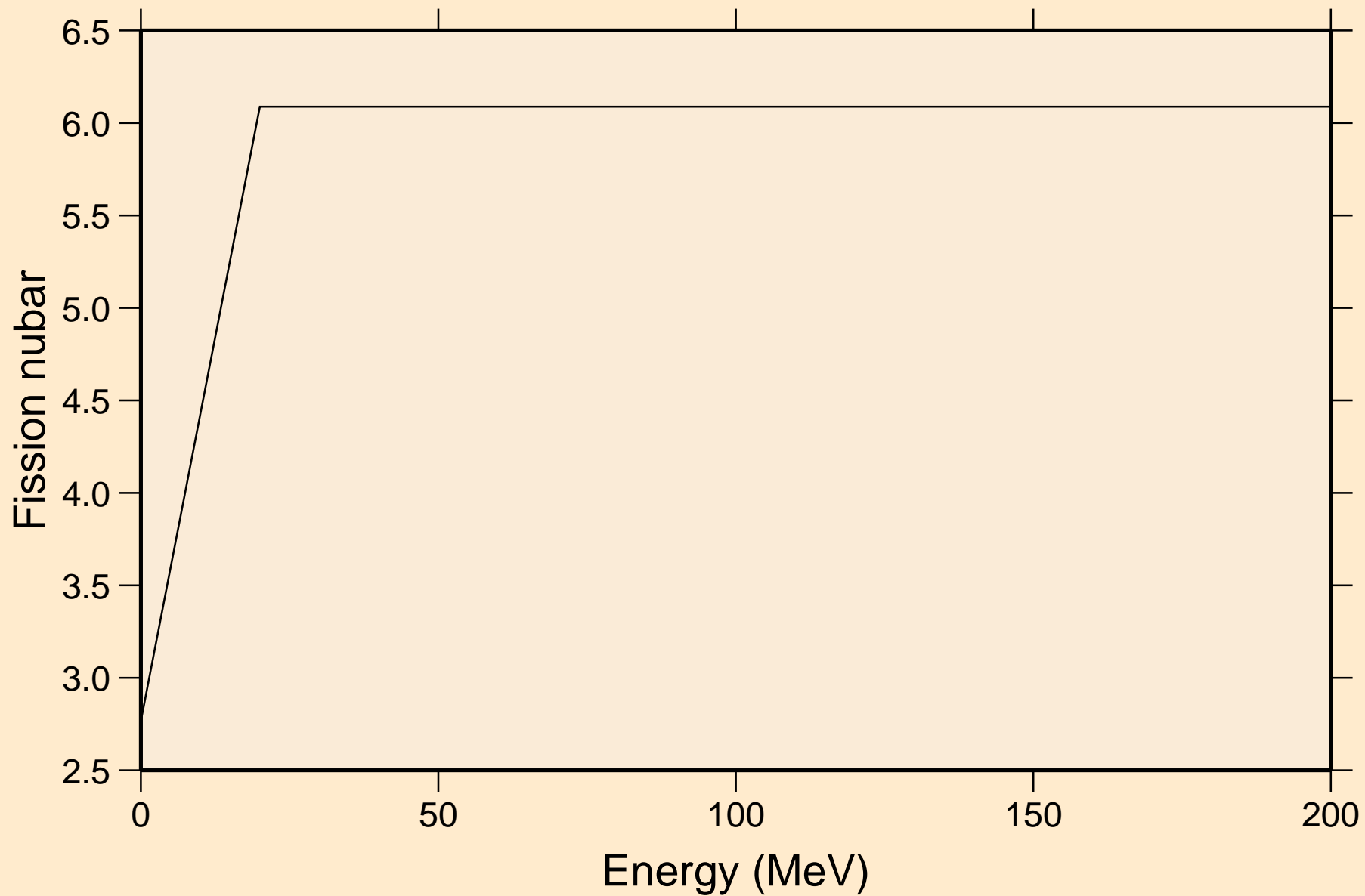
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



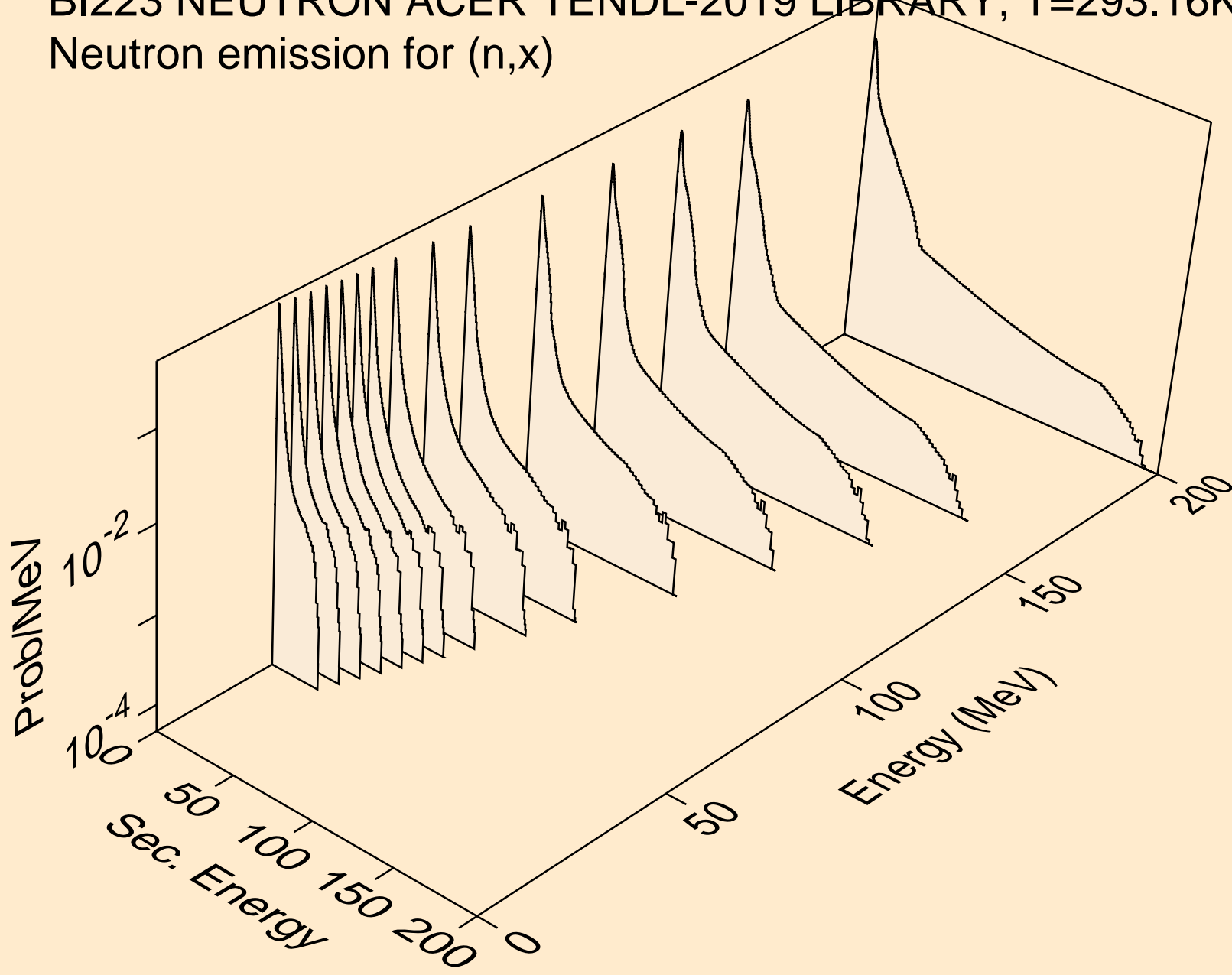
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



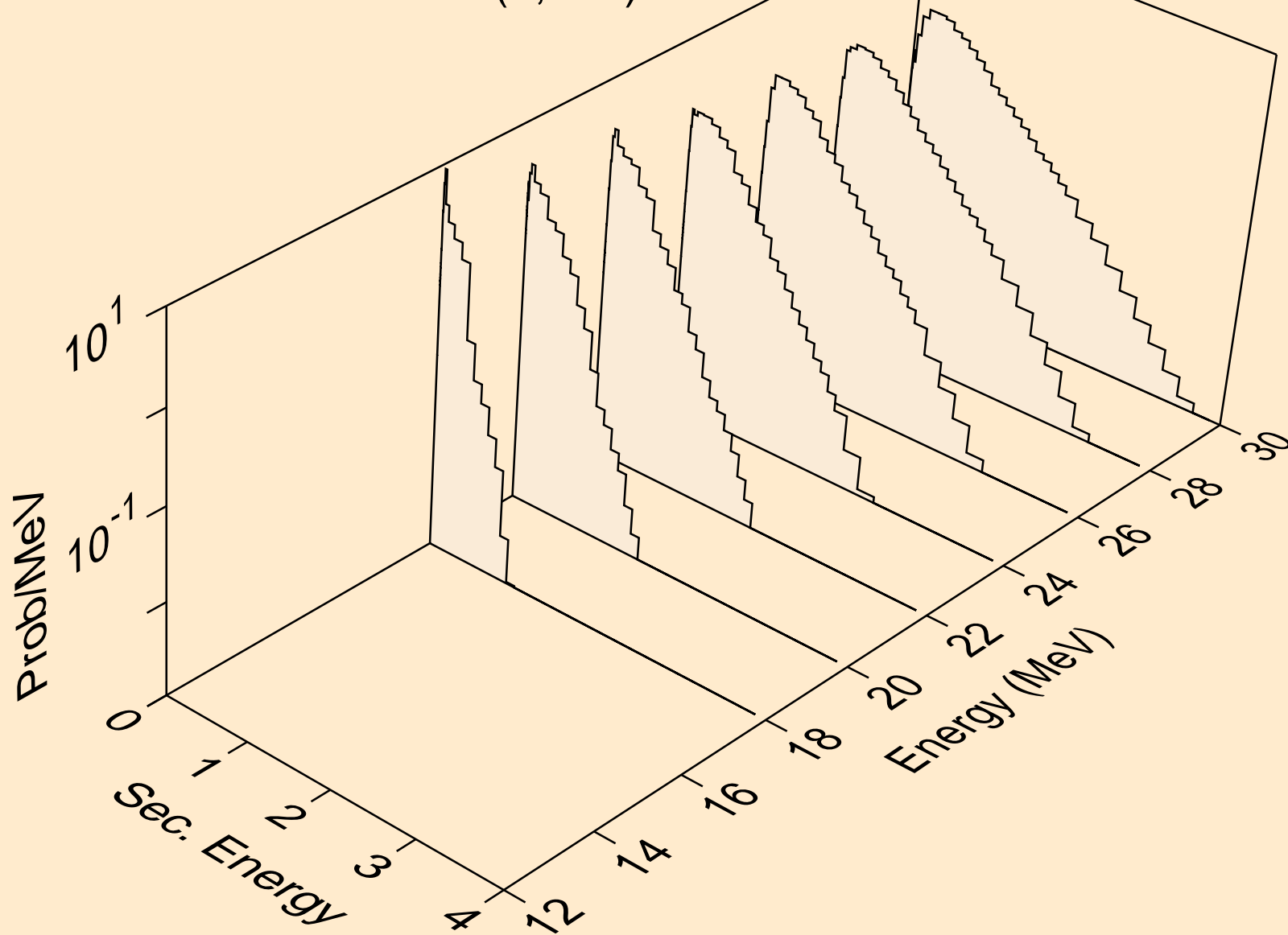
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Total fission nubar



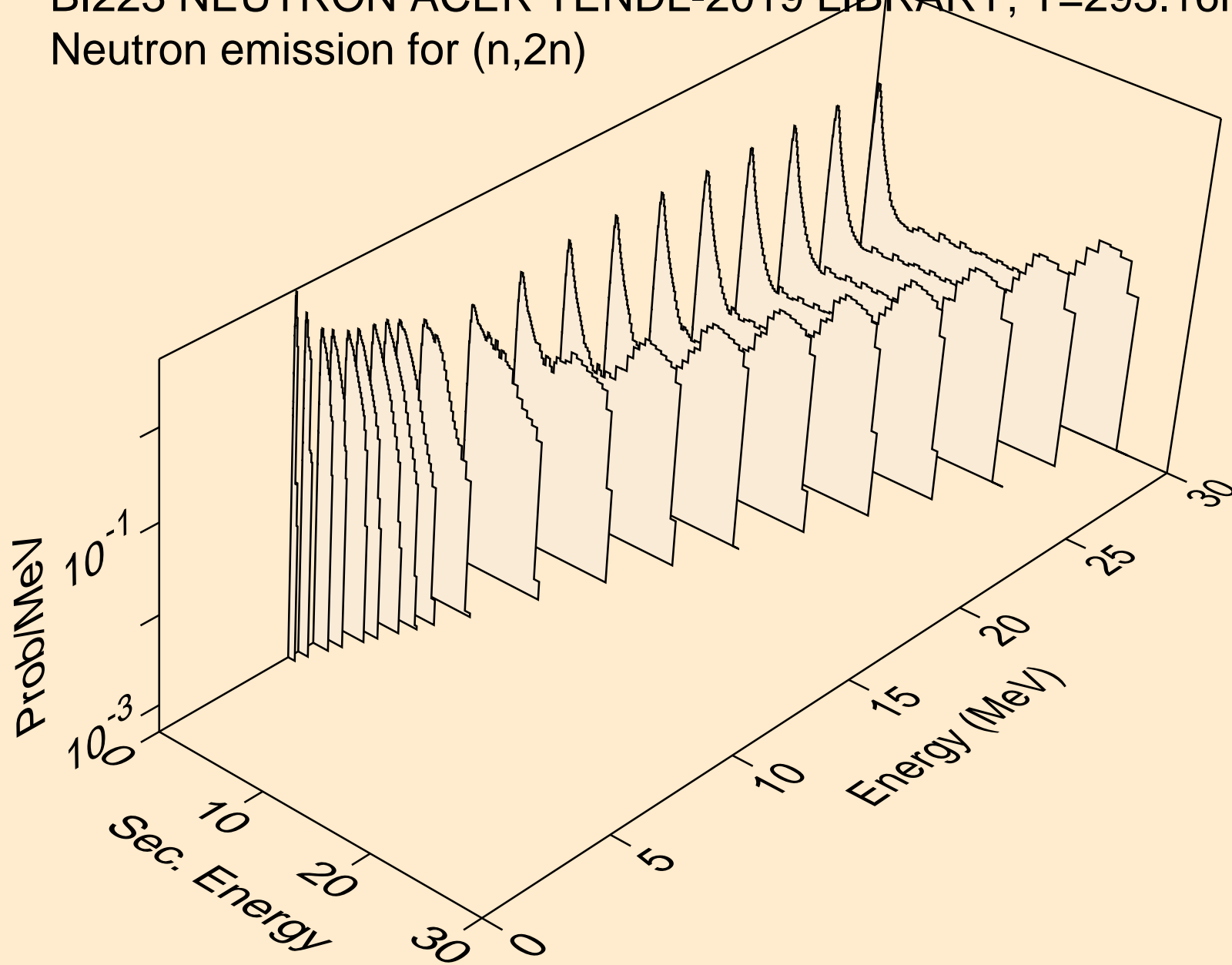
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



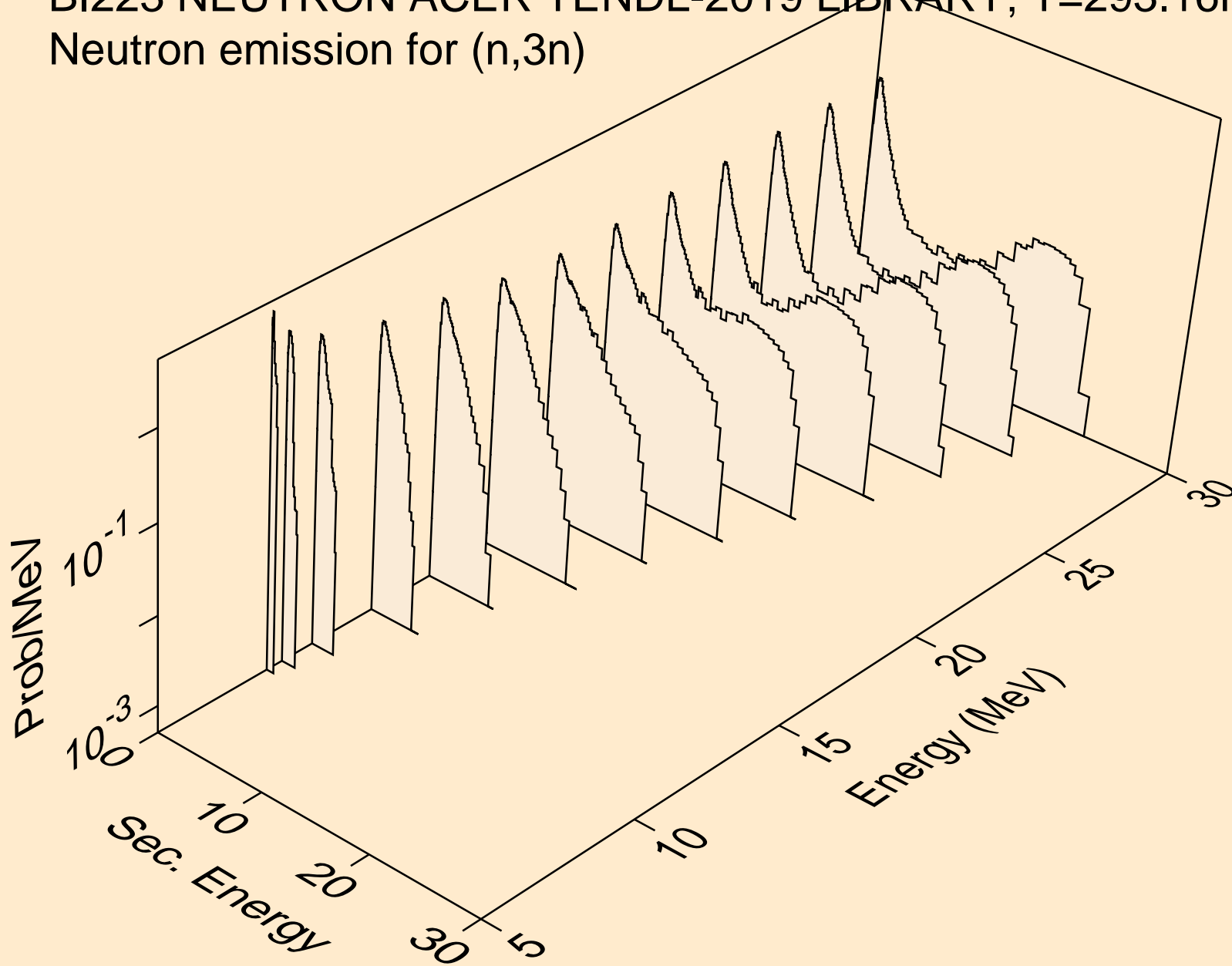
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



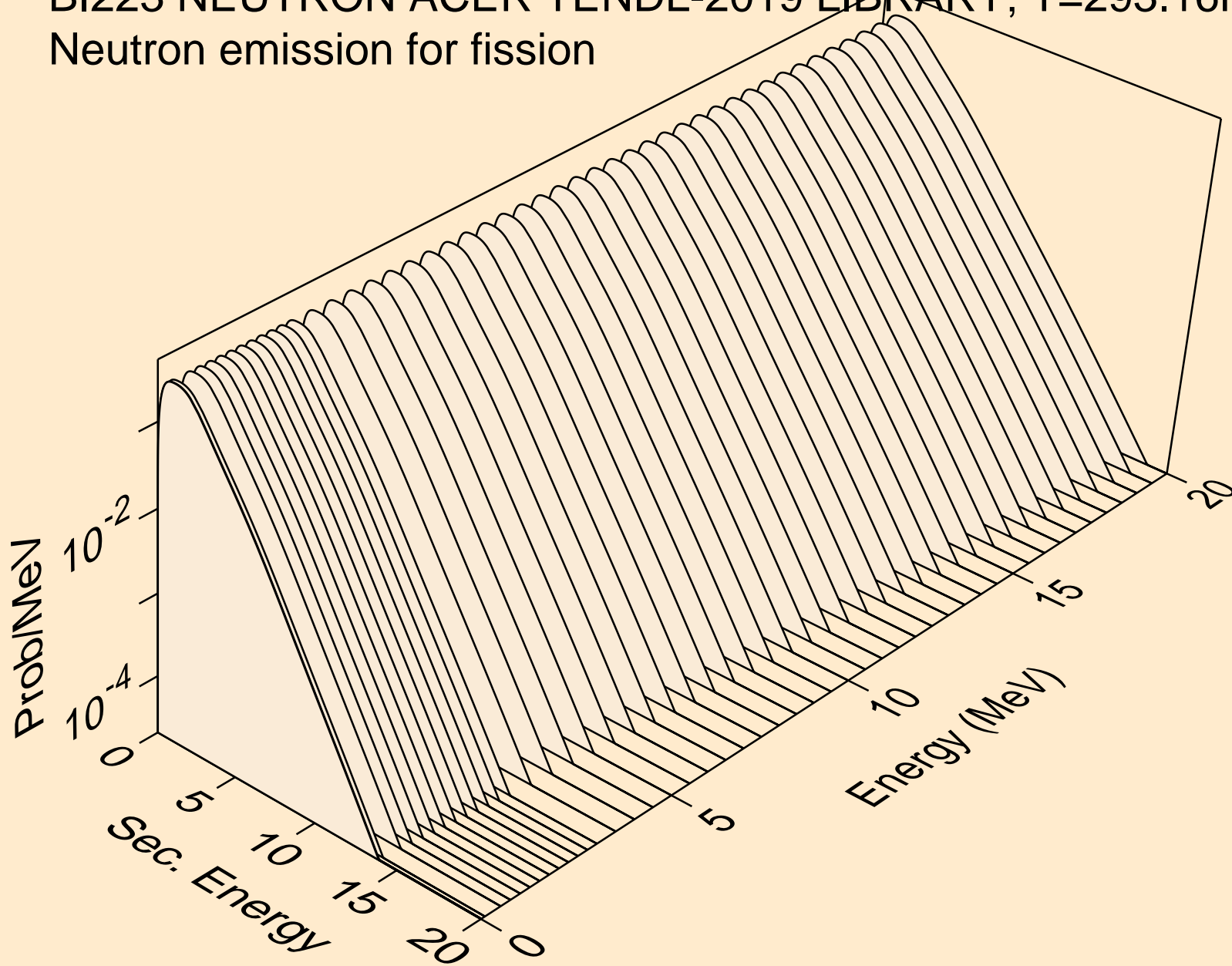
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



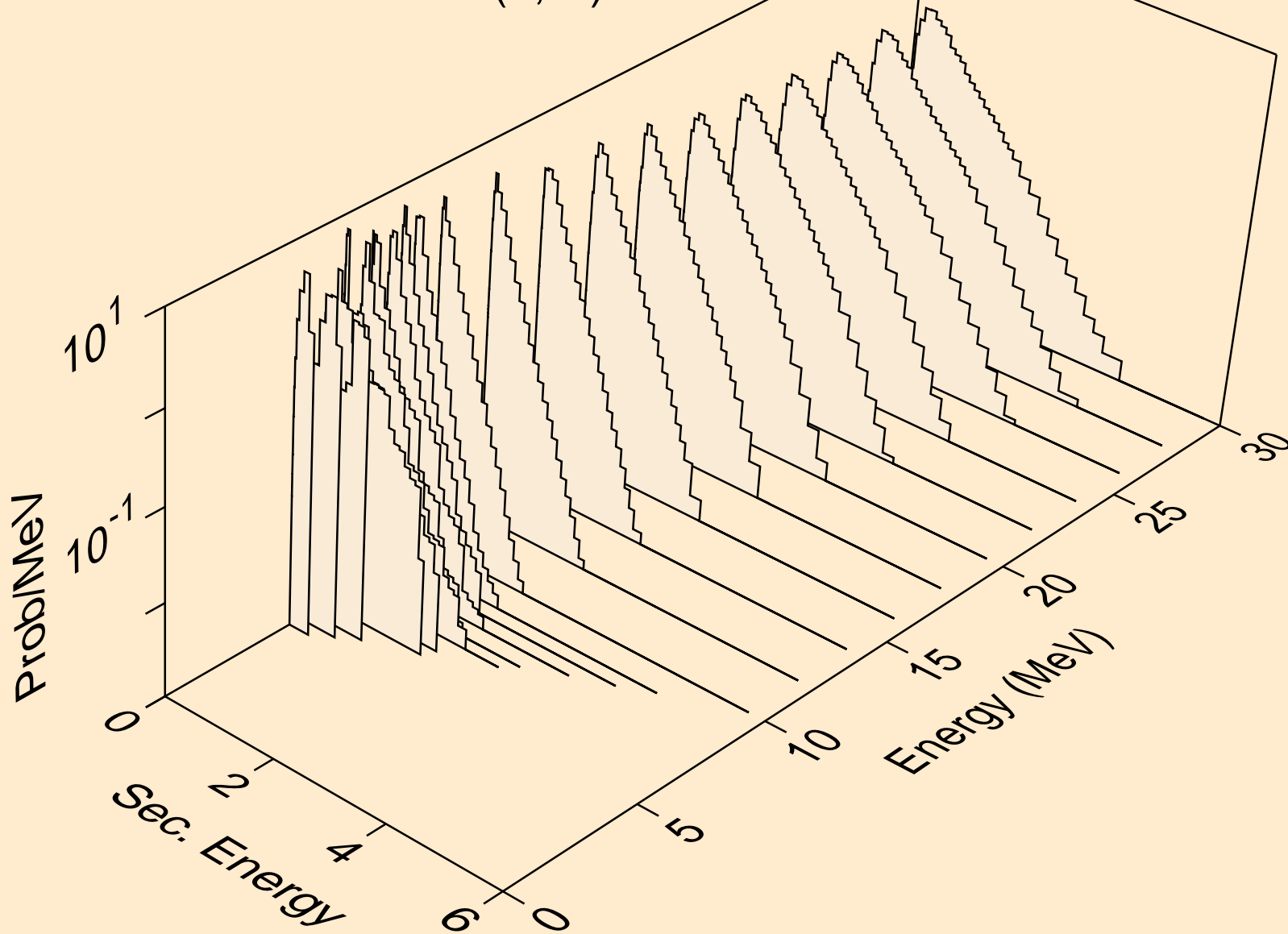
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



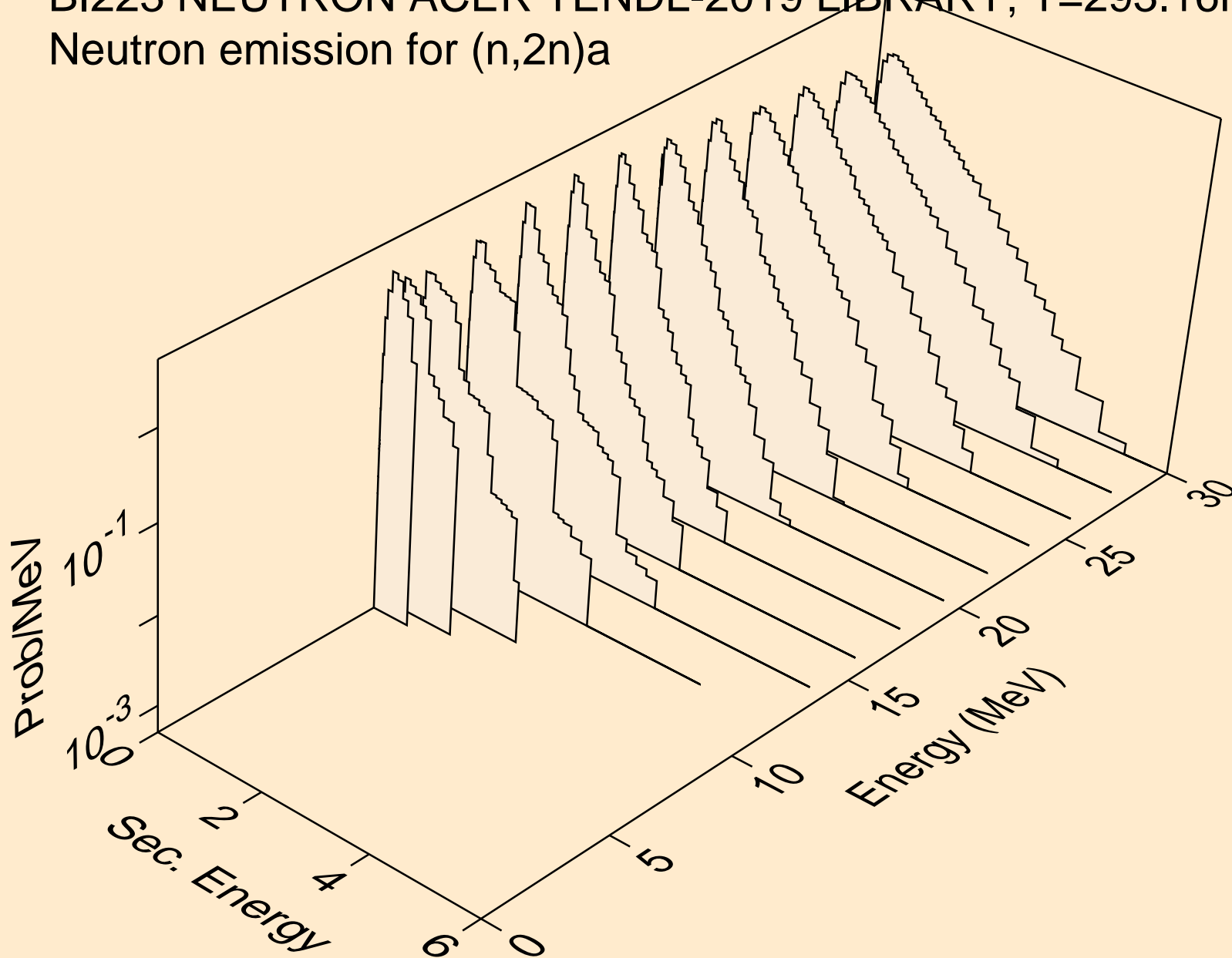
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for fission



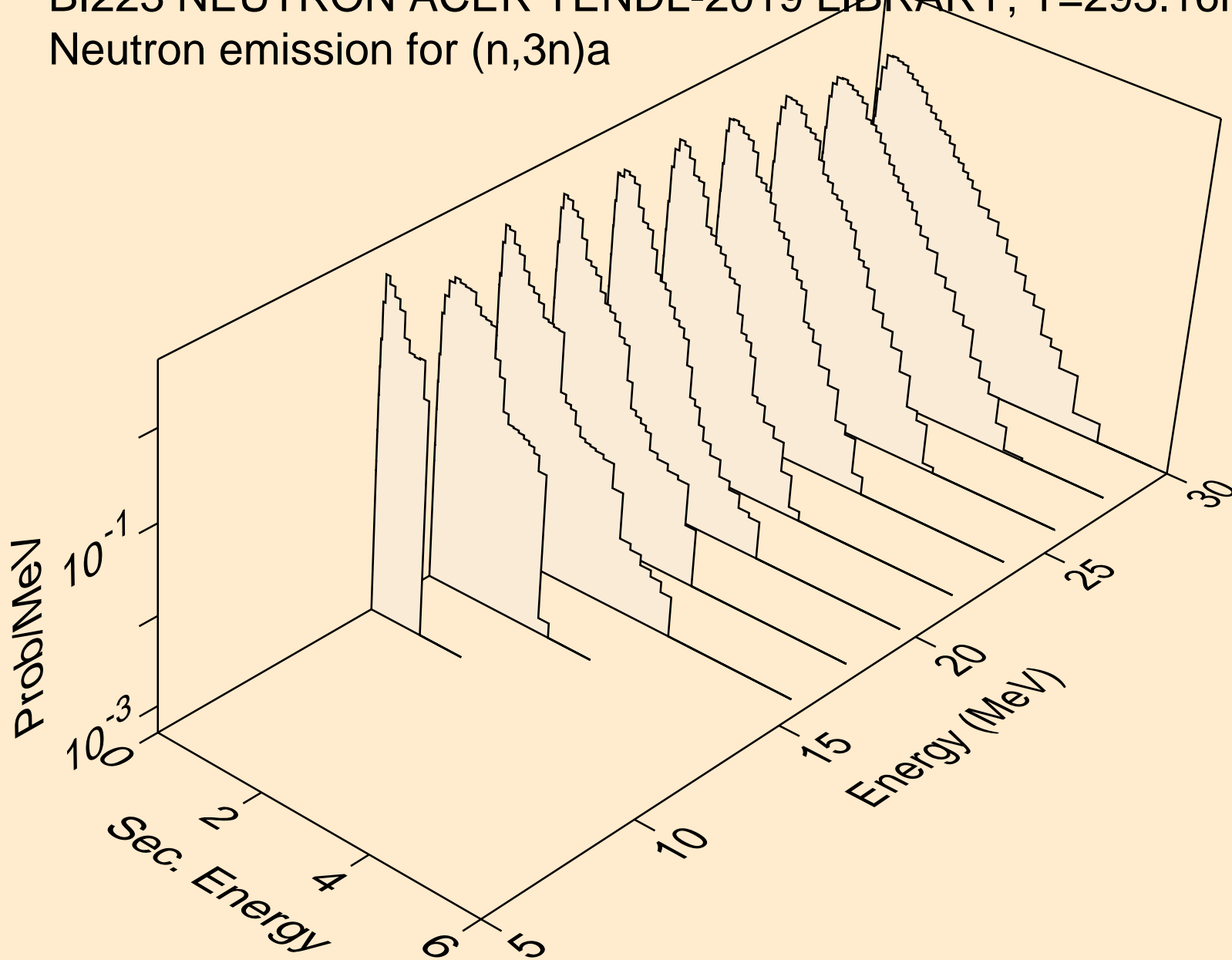
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



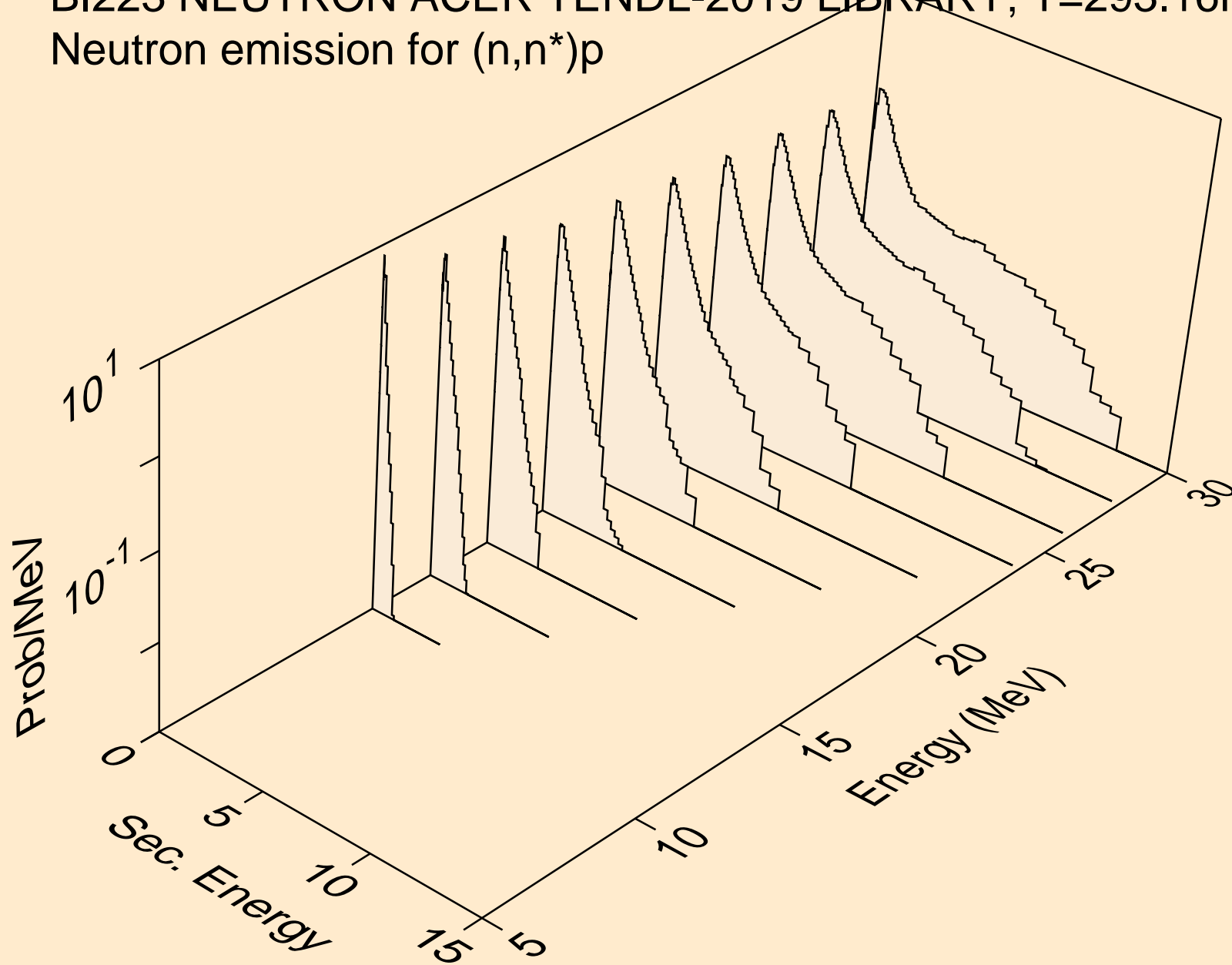
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



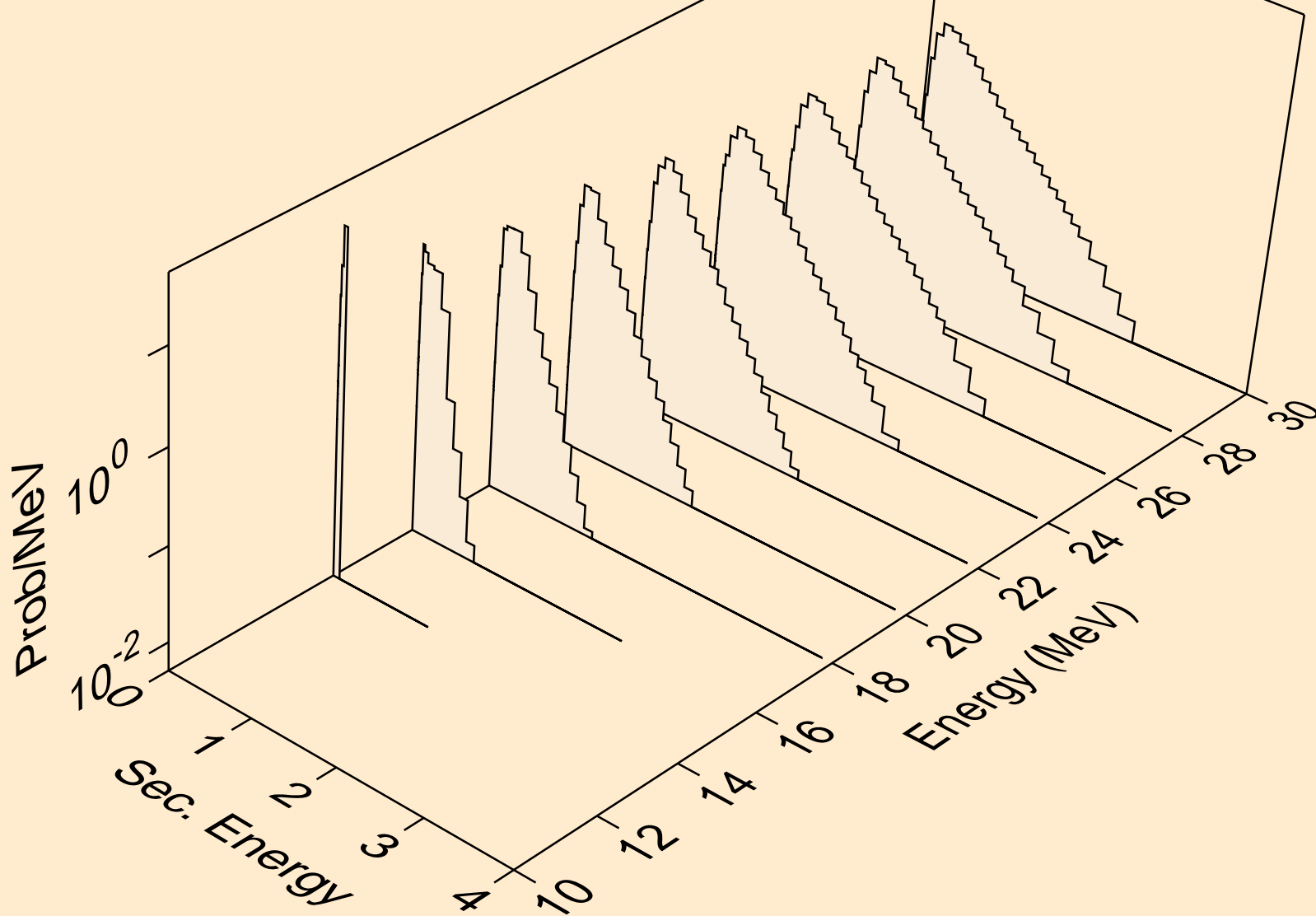
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



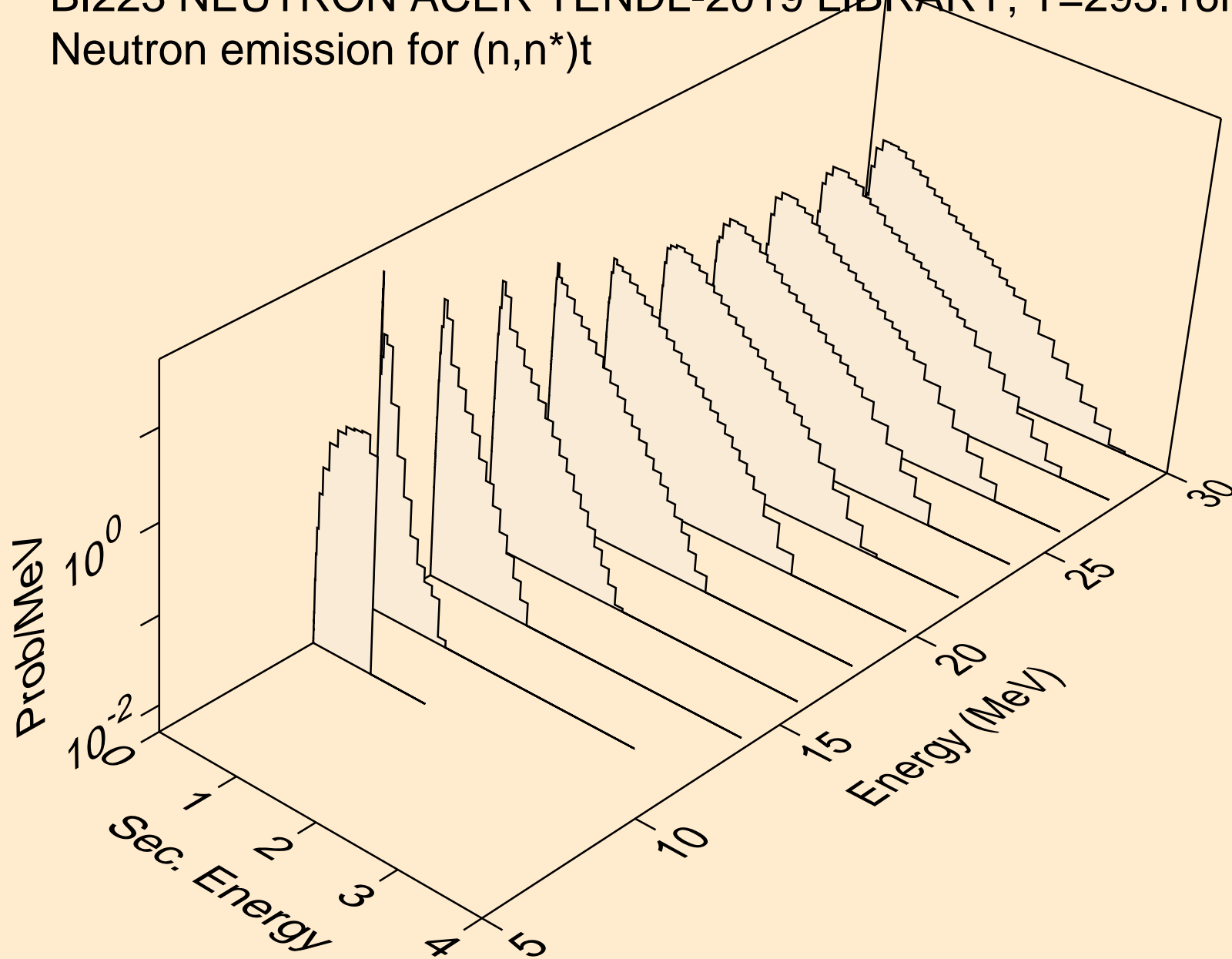
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



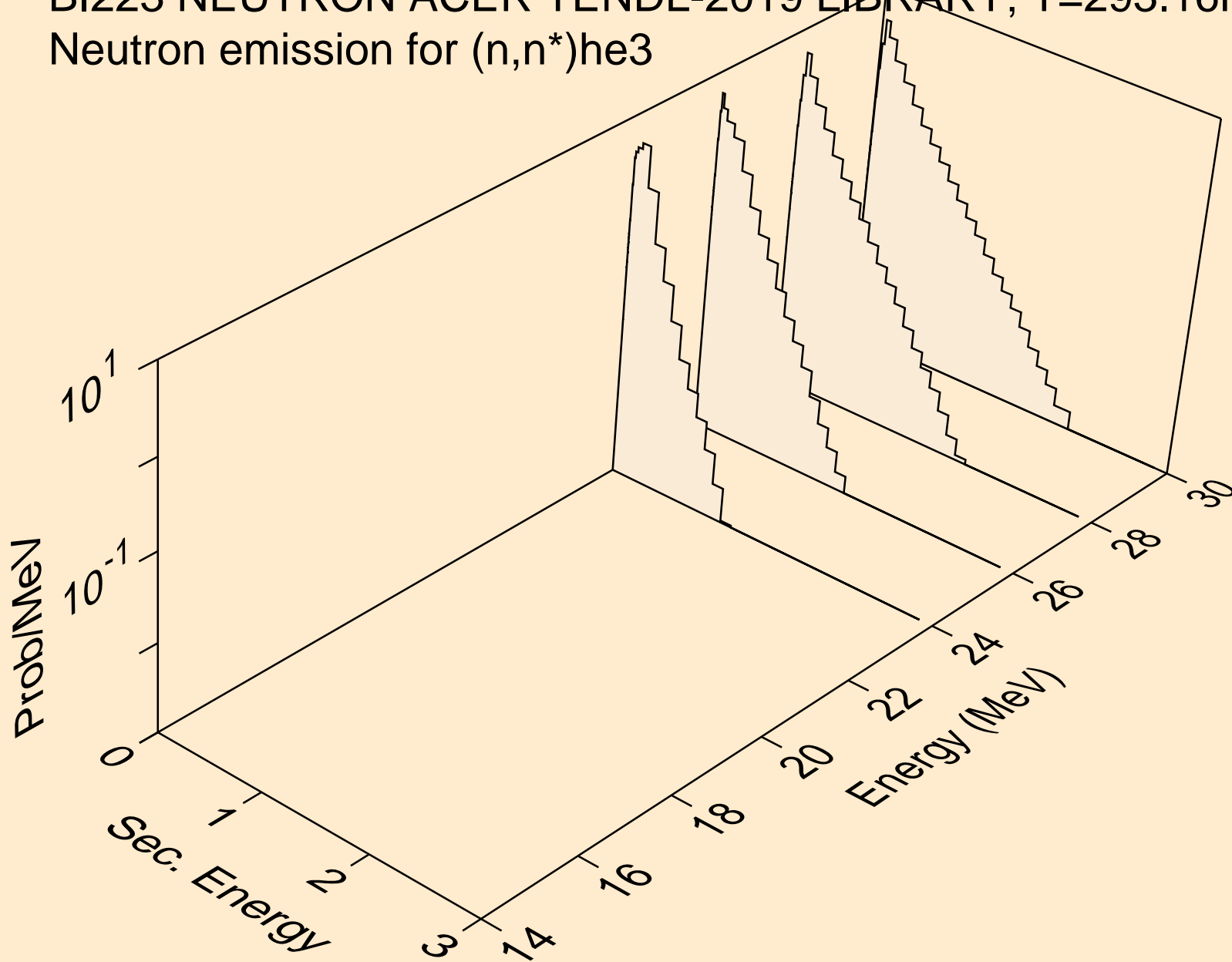
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



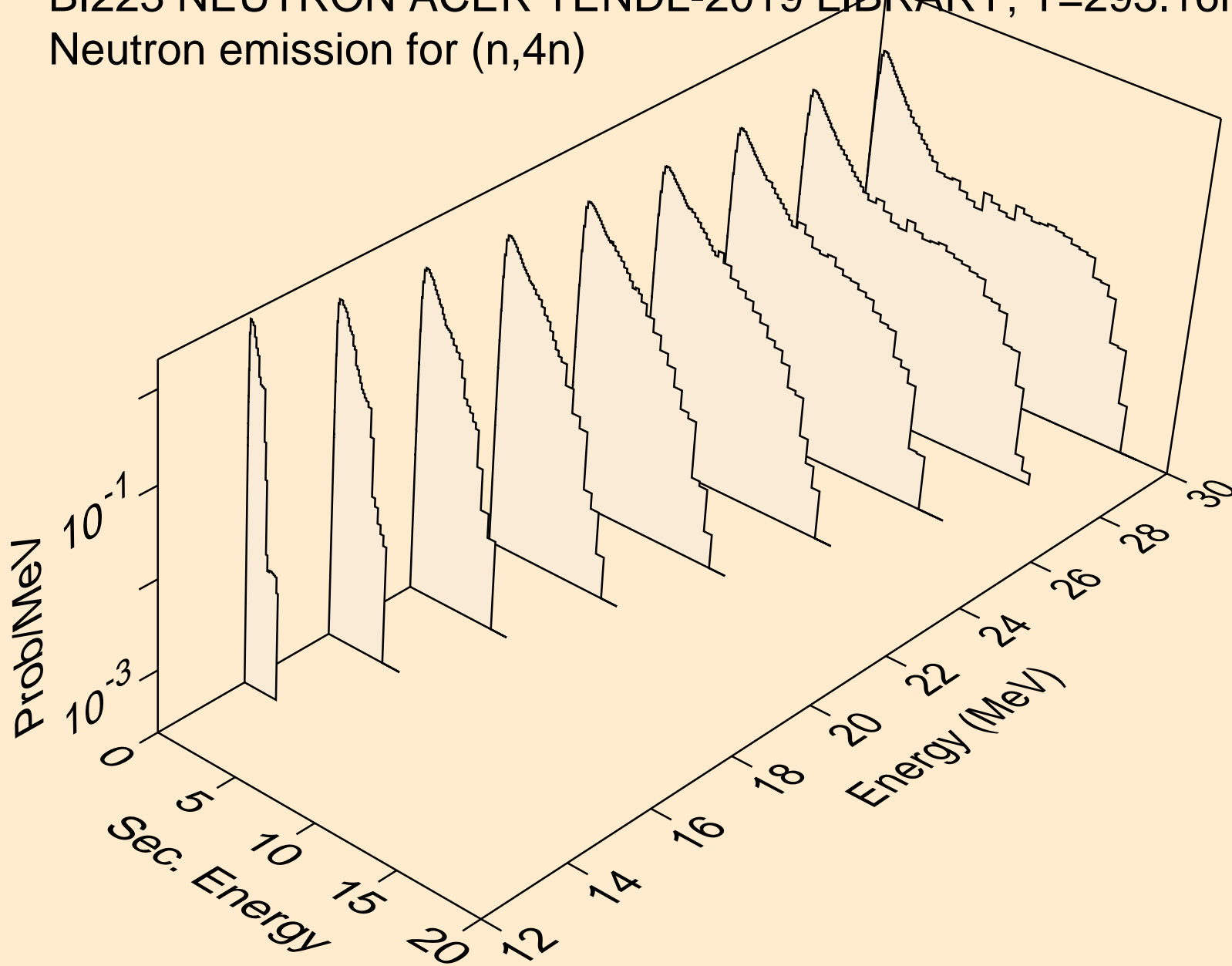
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



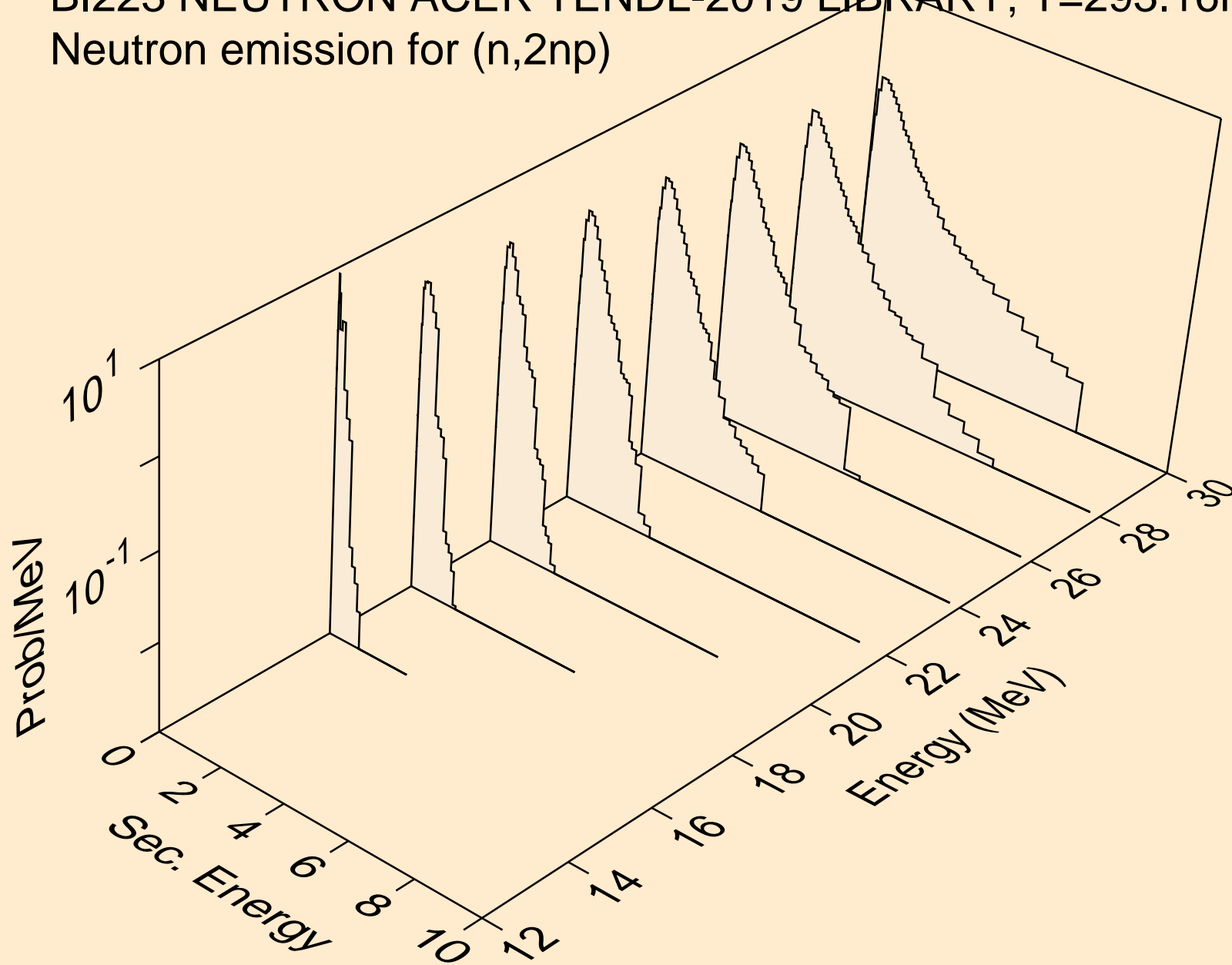
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



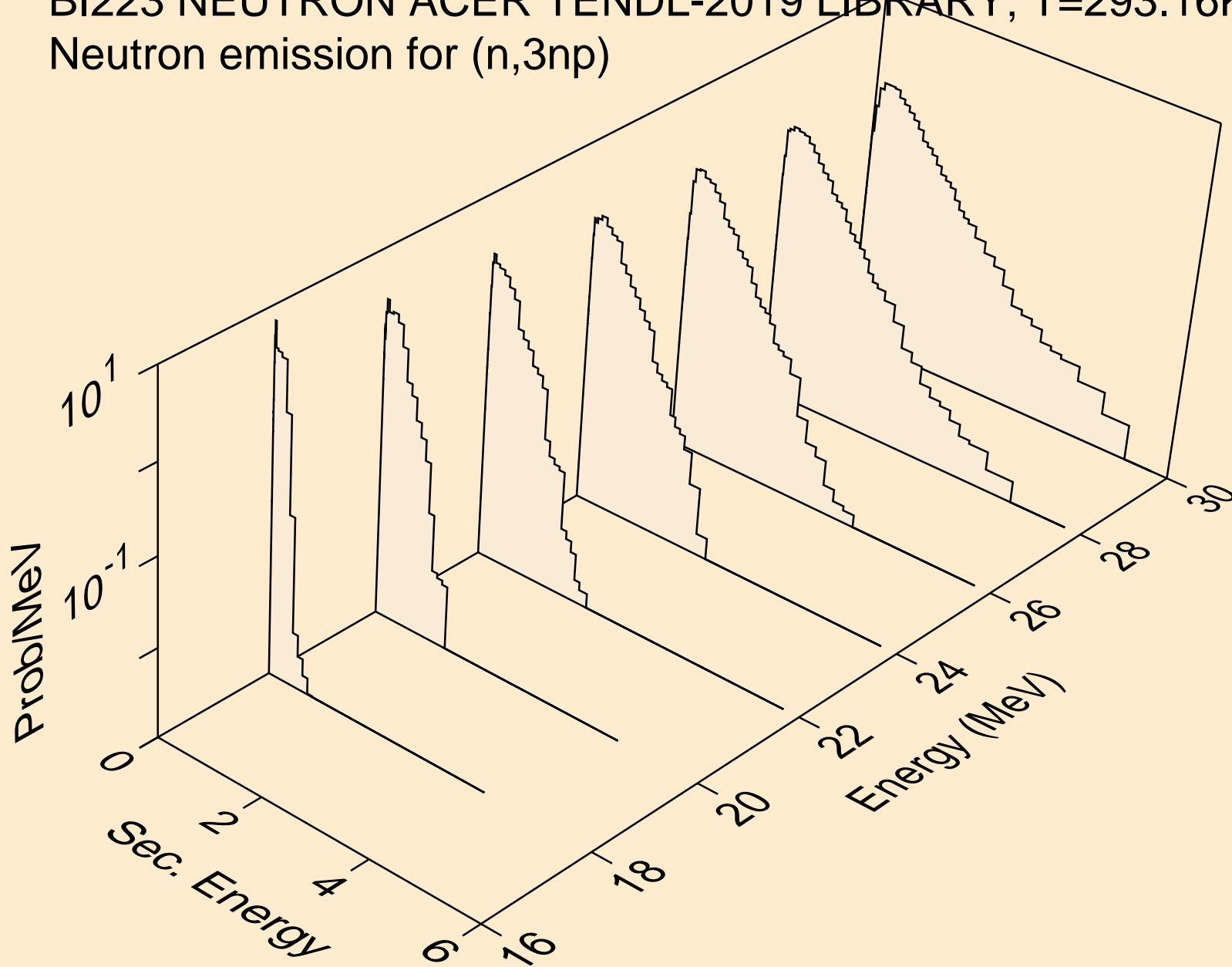
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



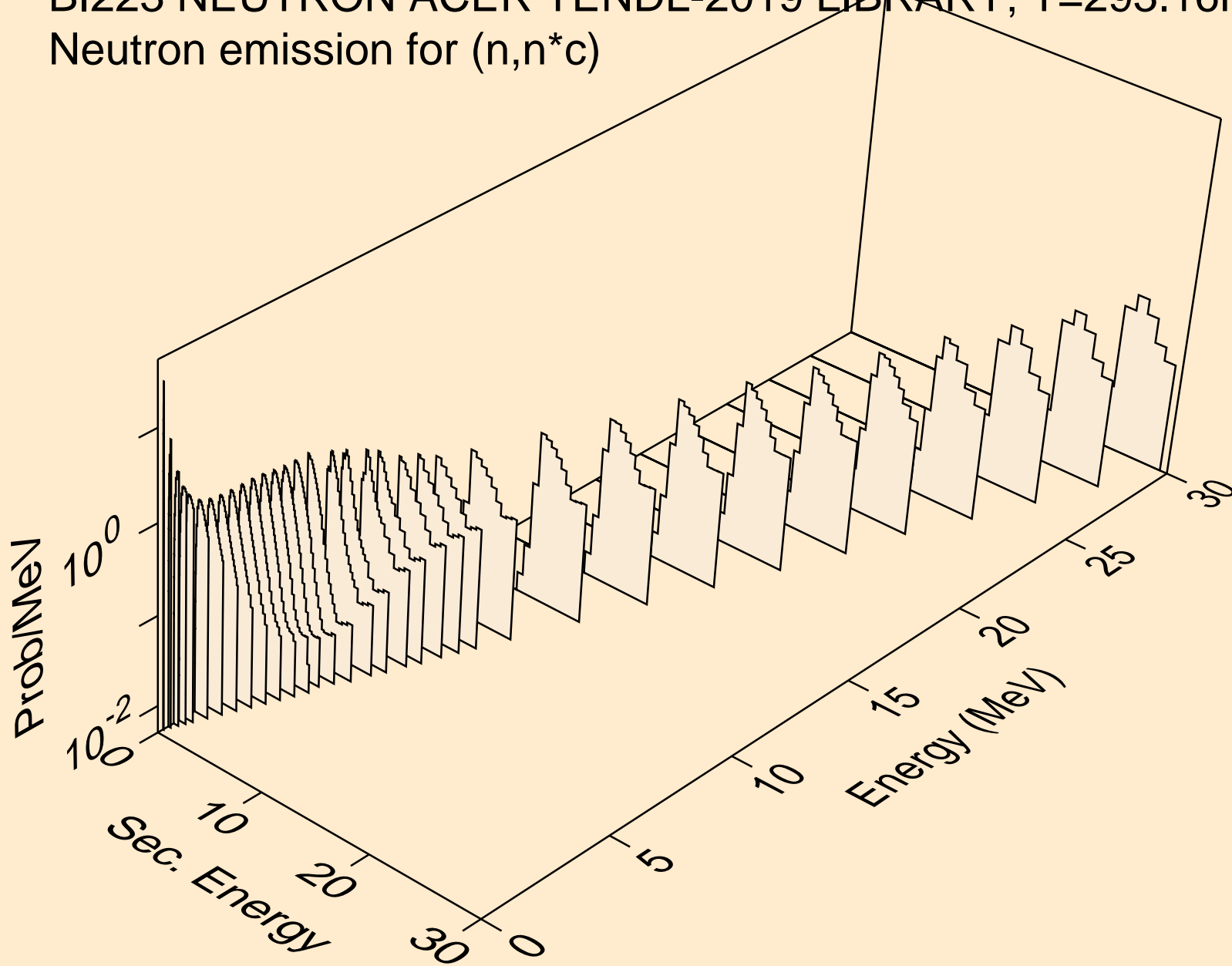
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

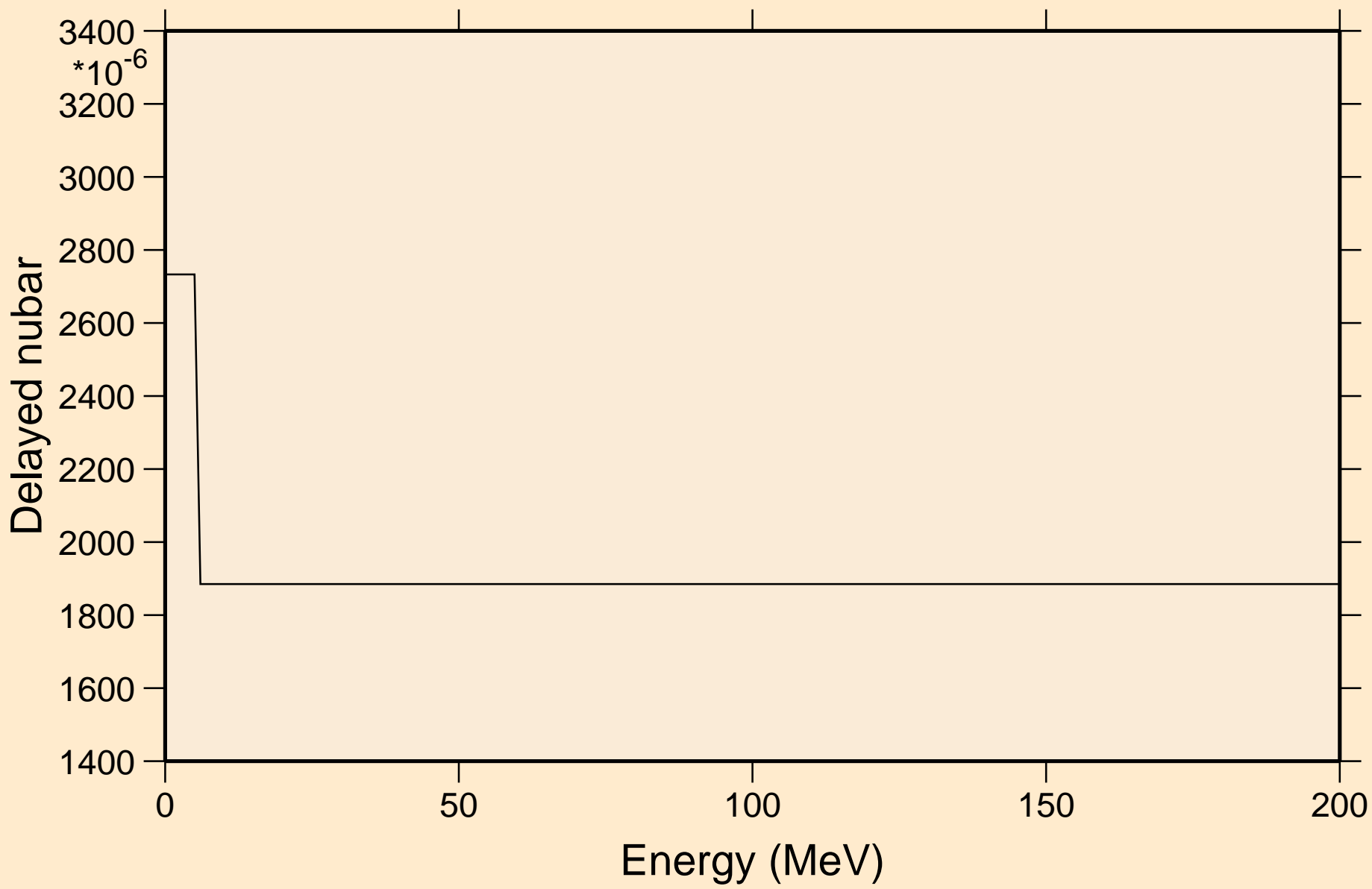


BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



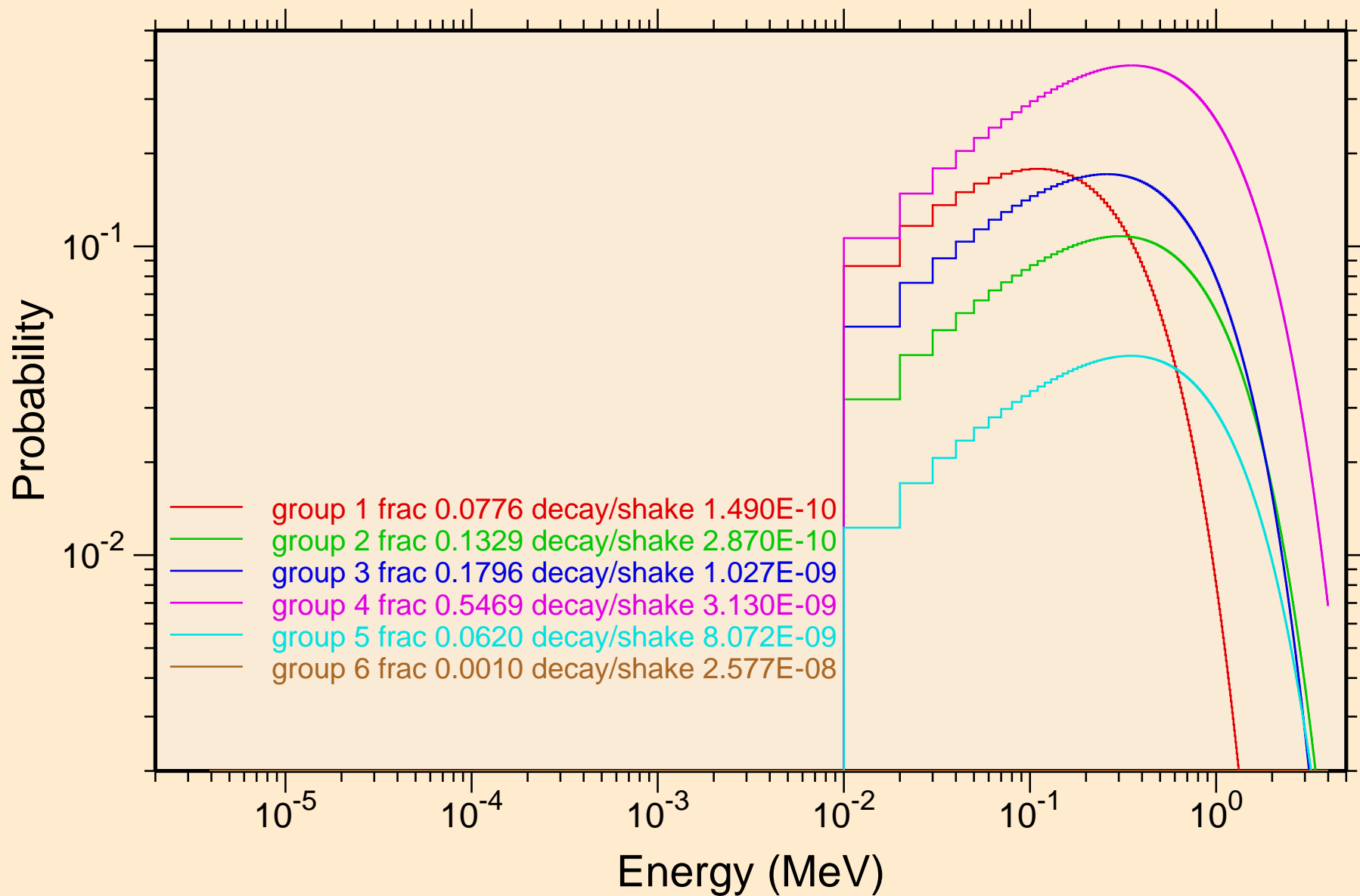
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Delayed nubar

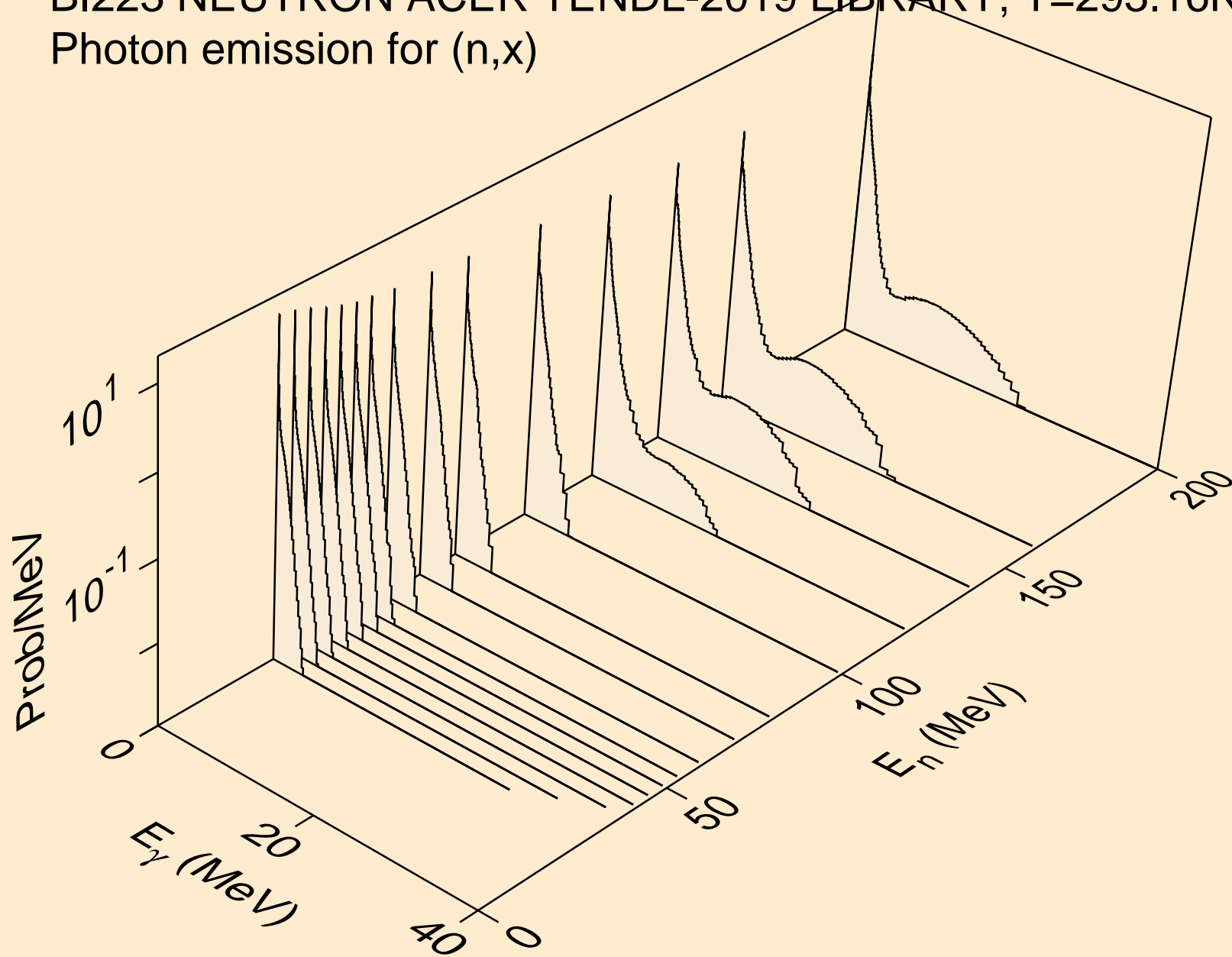


# BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

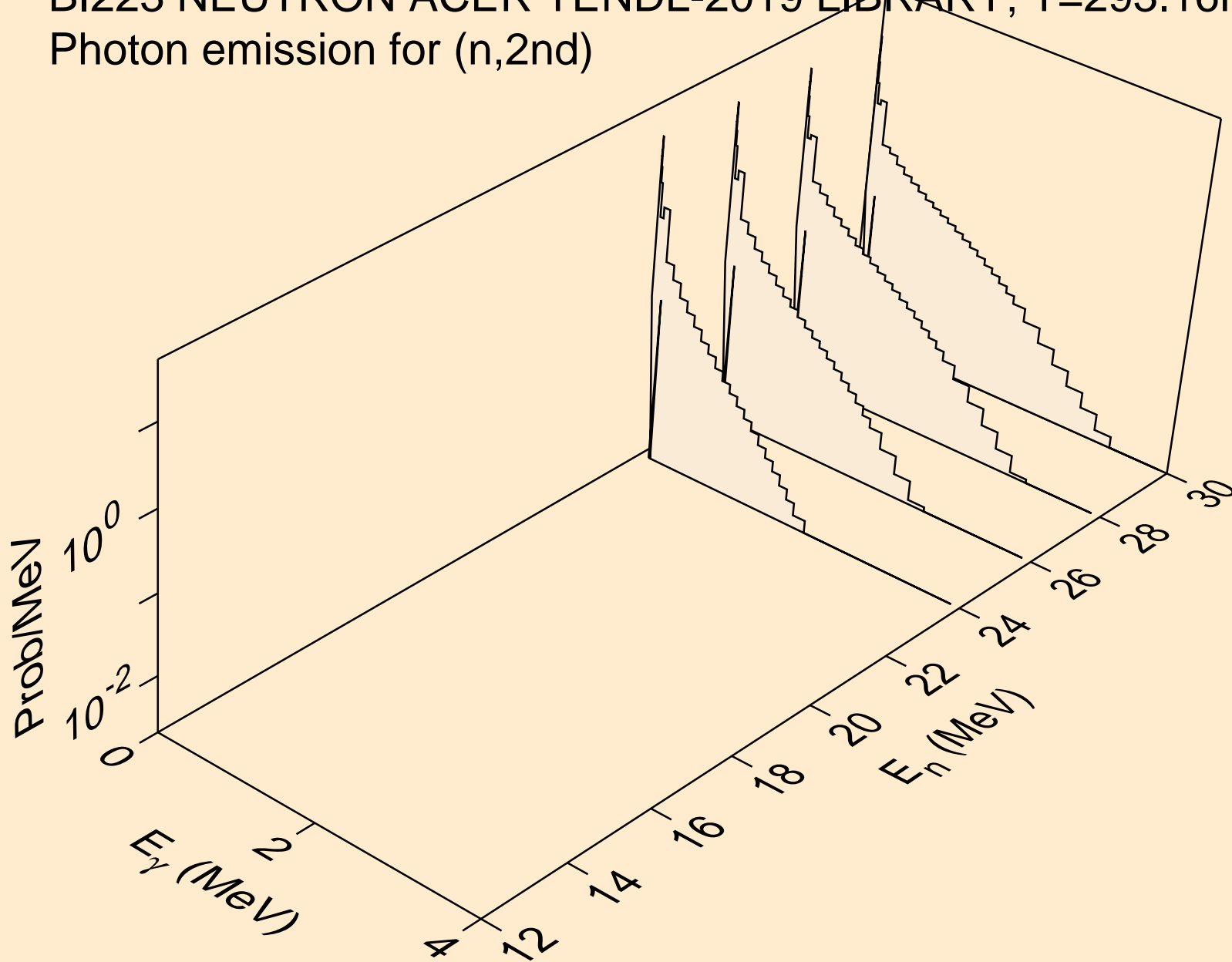
## Delayed neutron spectra



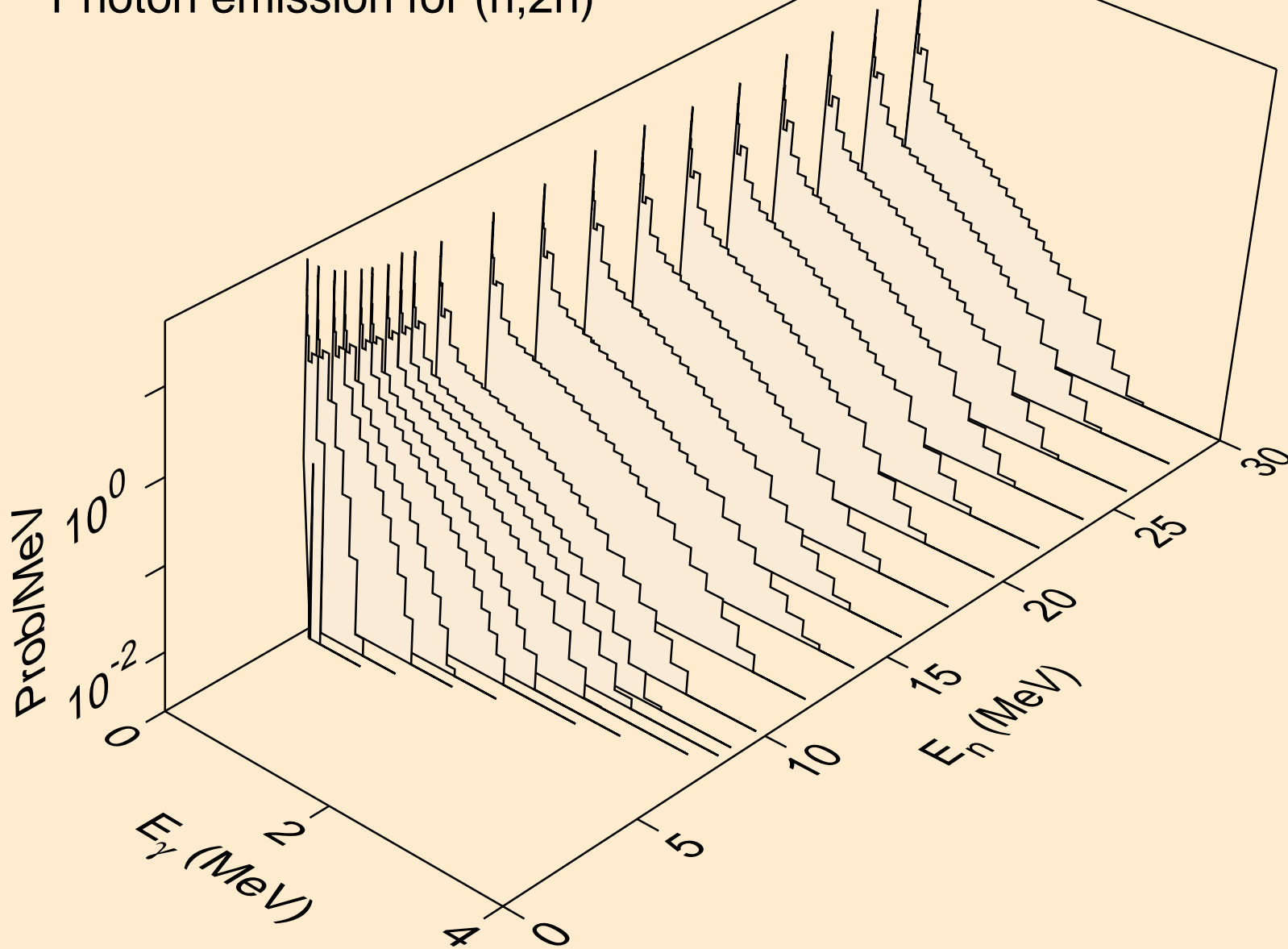
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



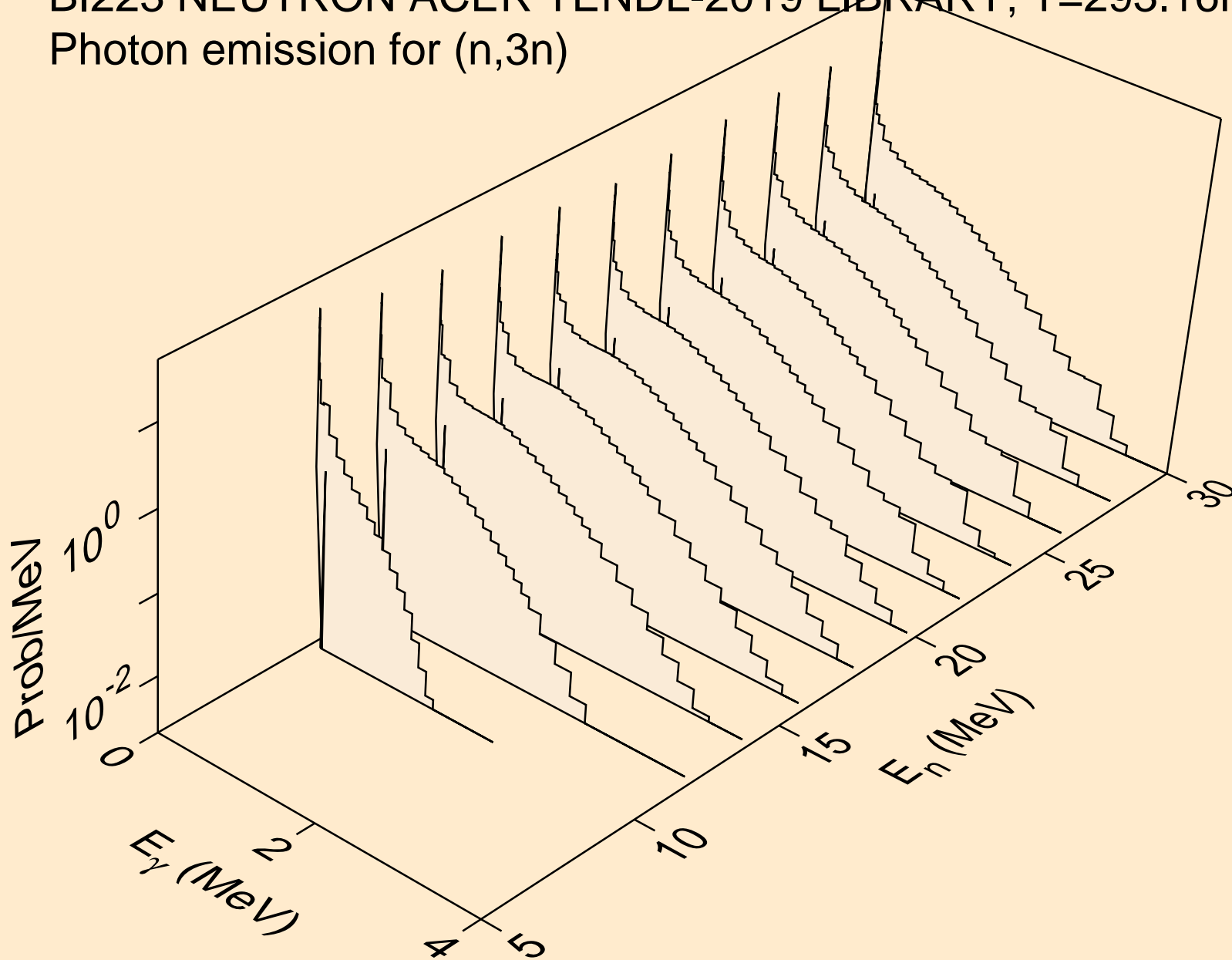
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



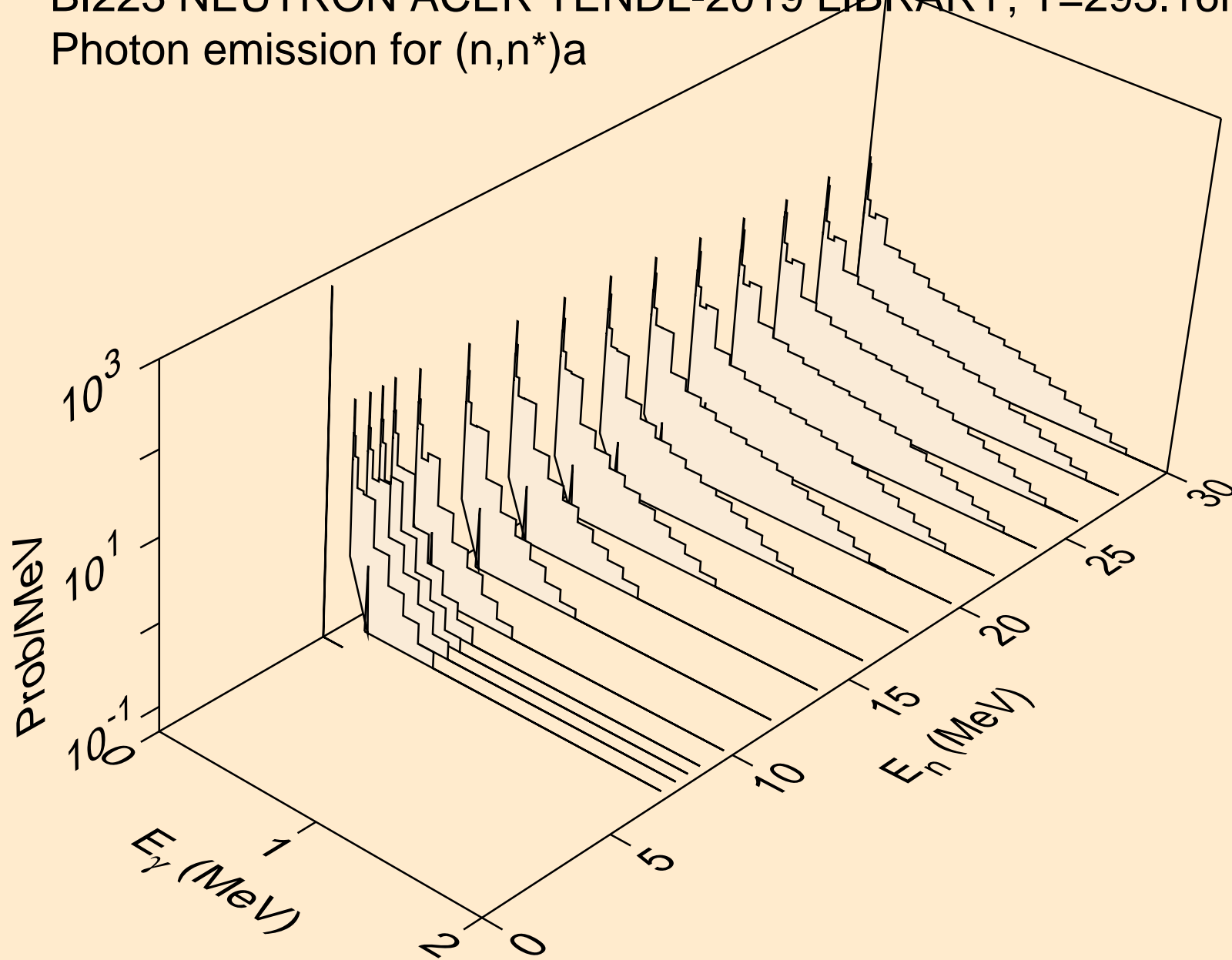
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



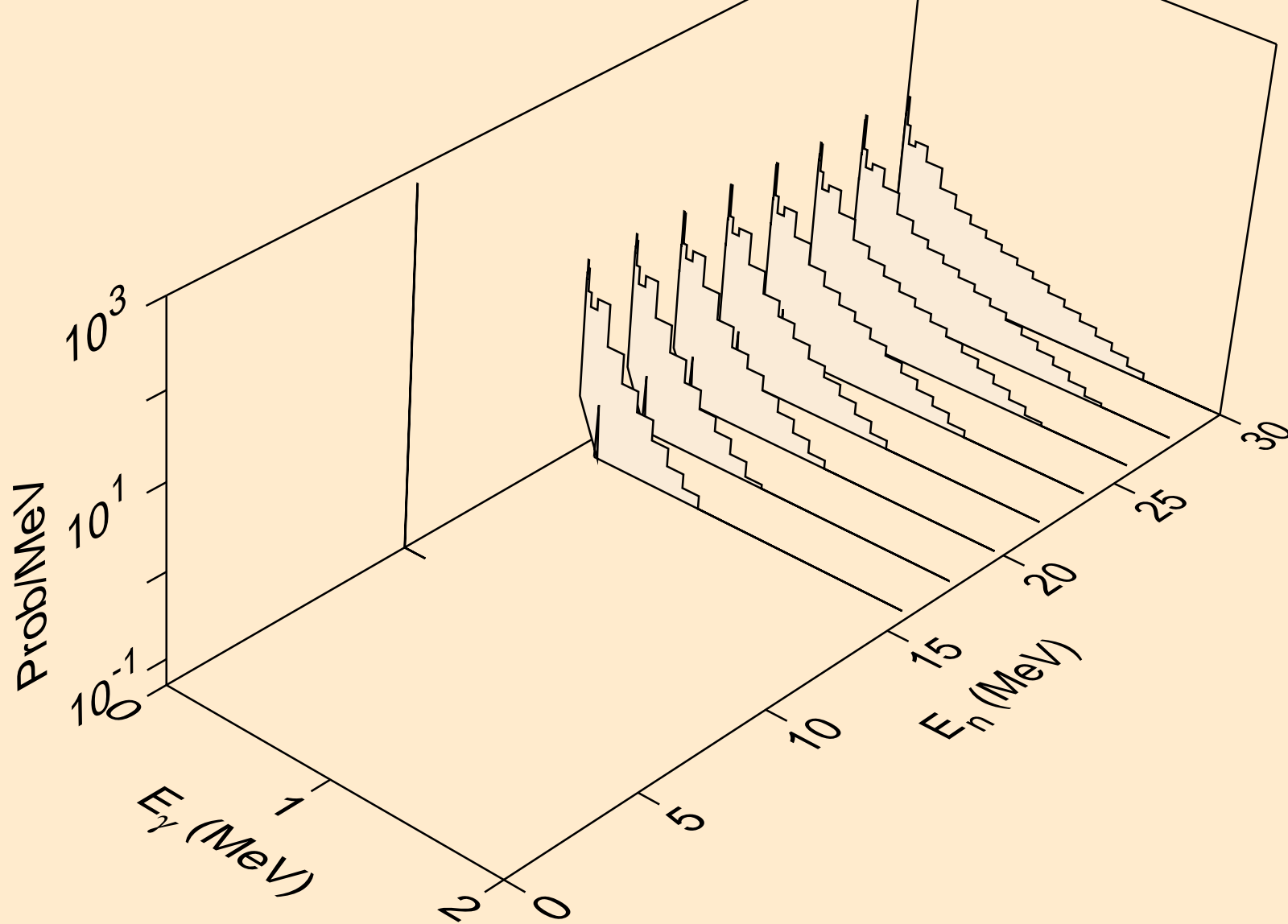
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



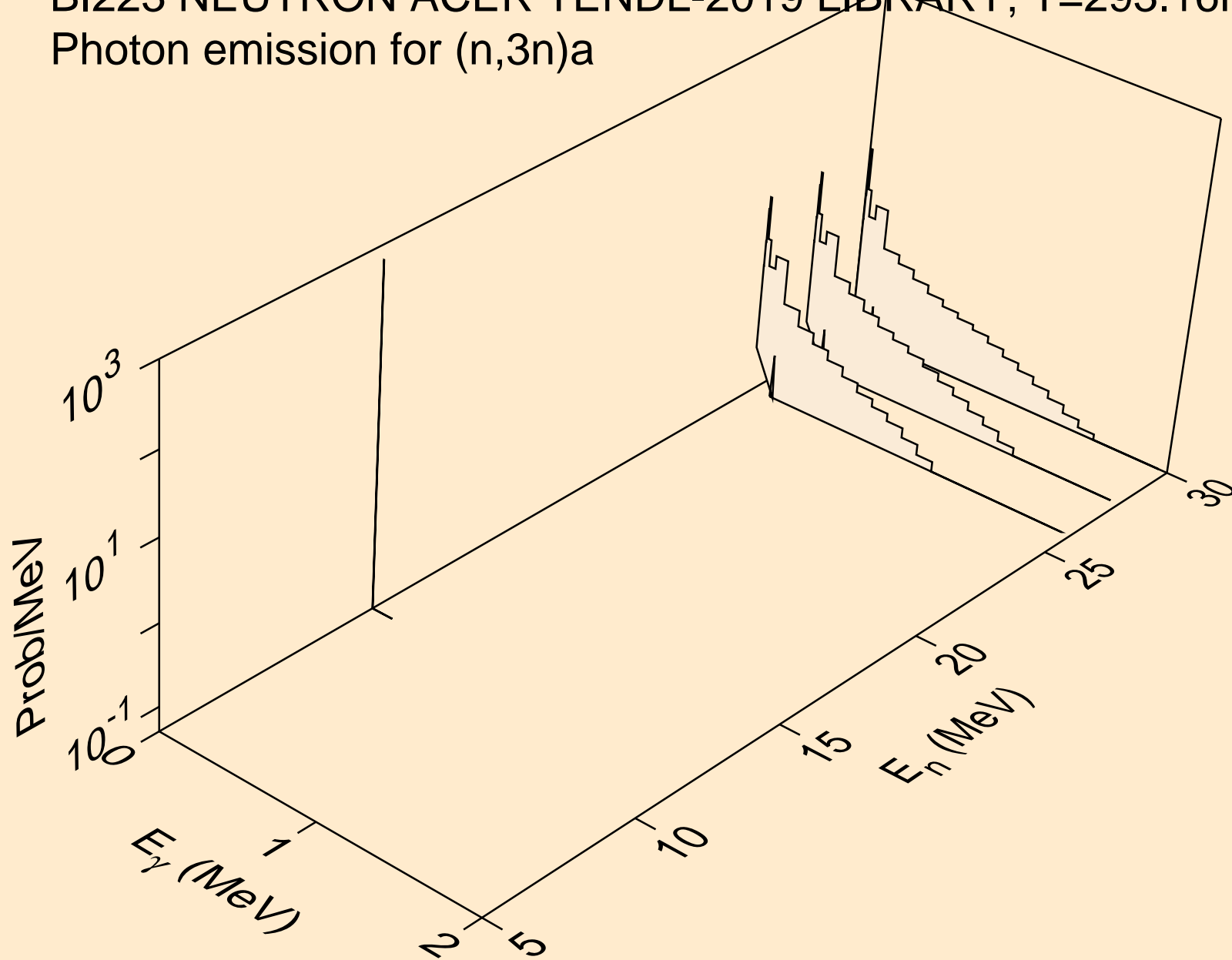
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



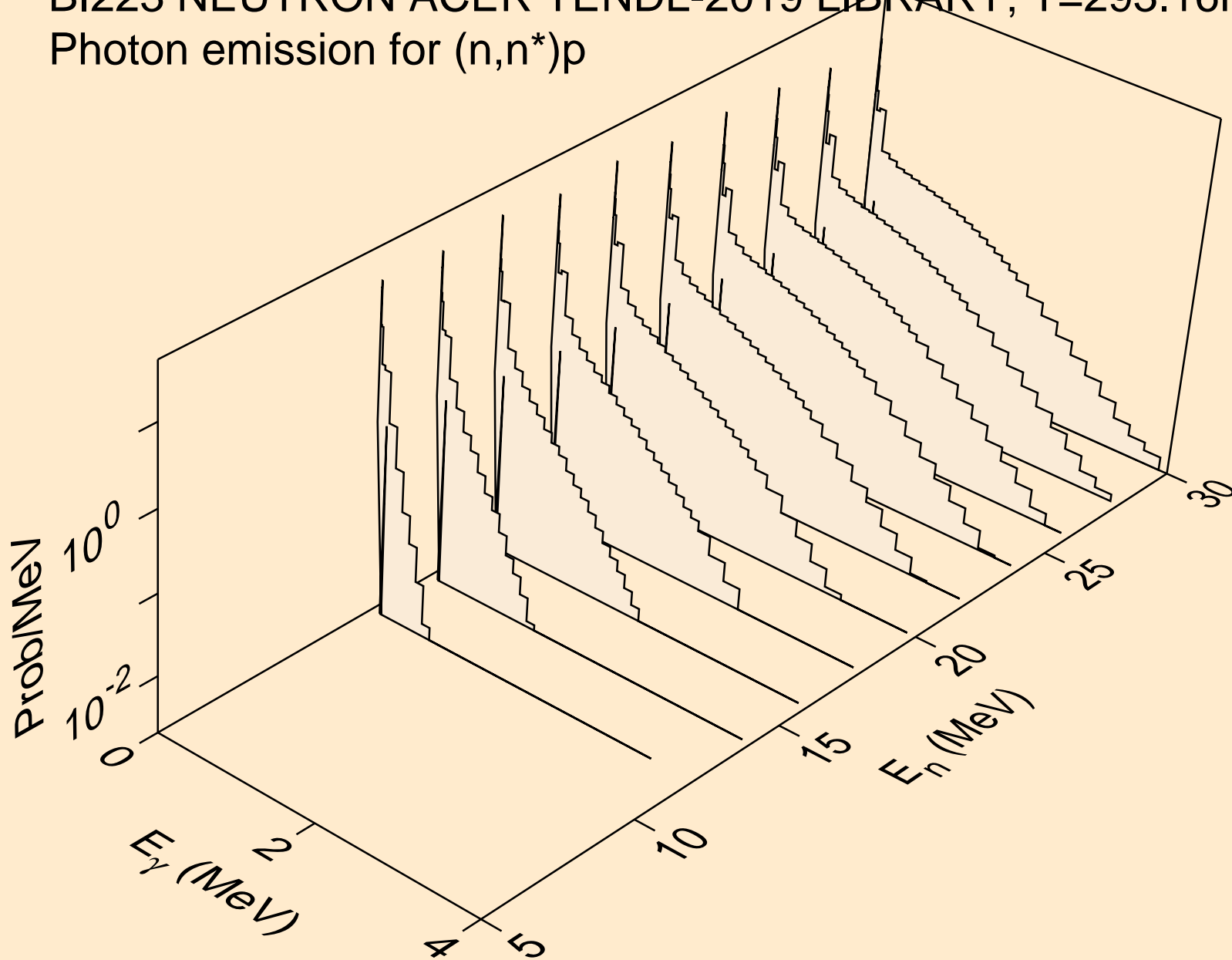
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



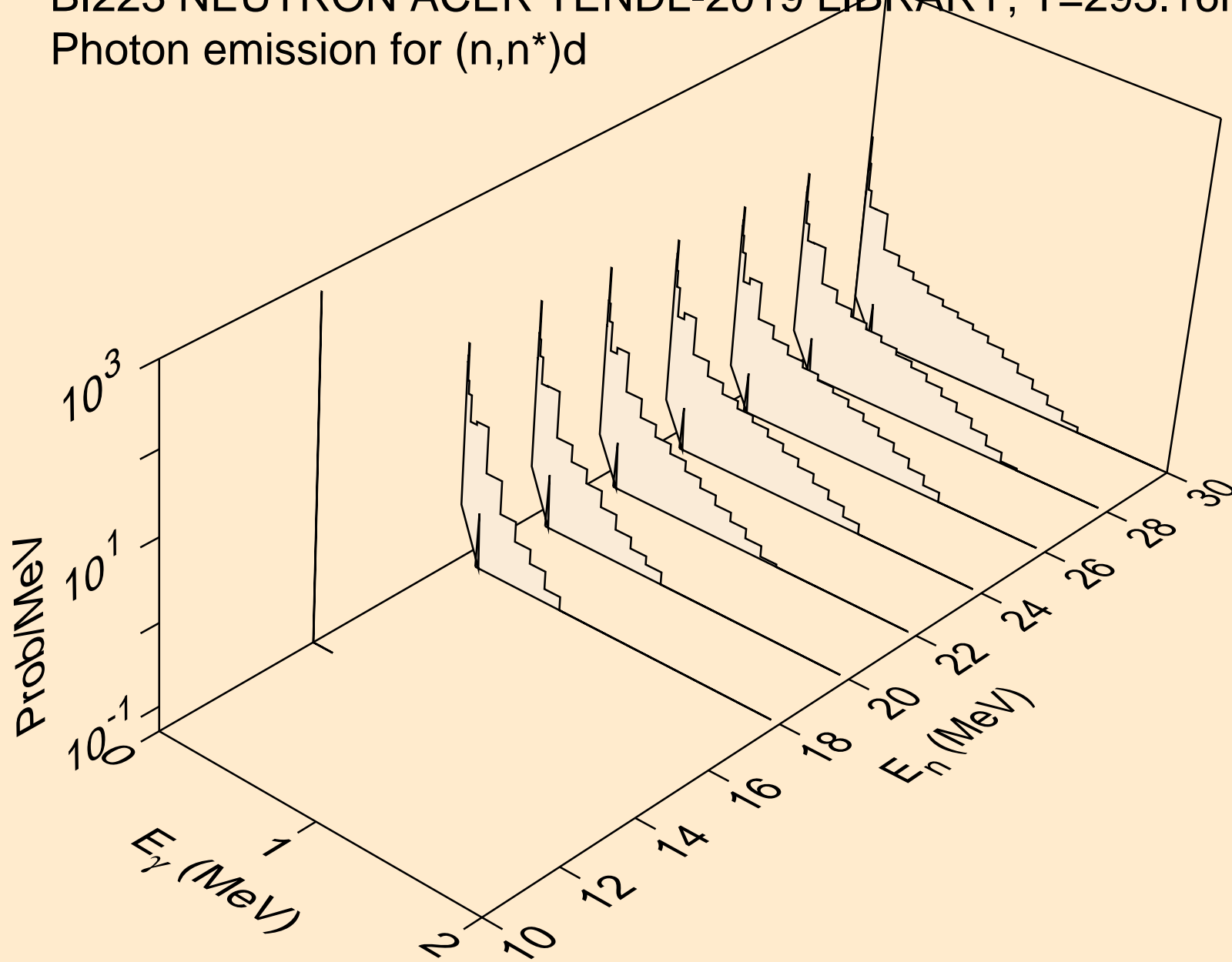
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



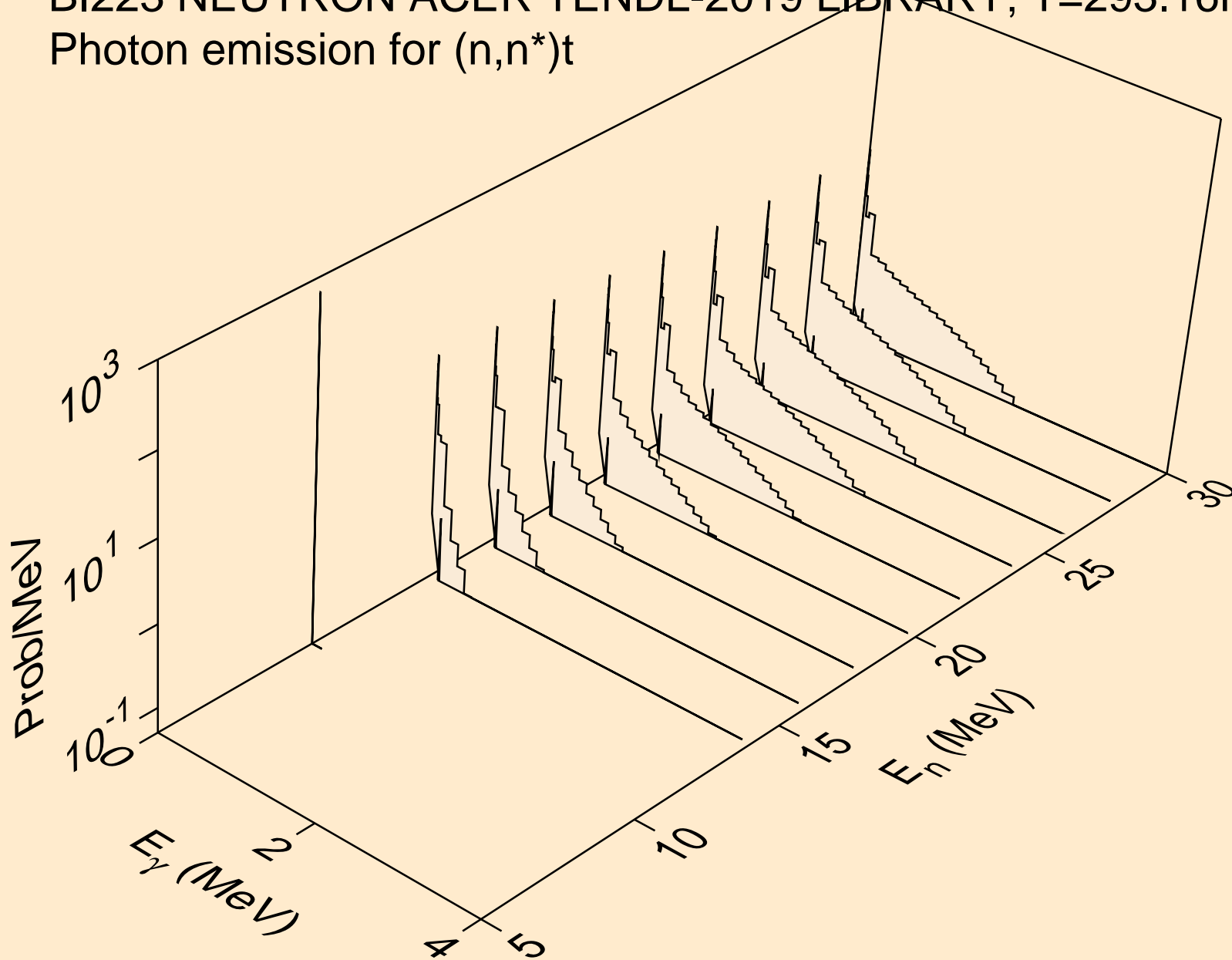
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



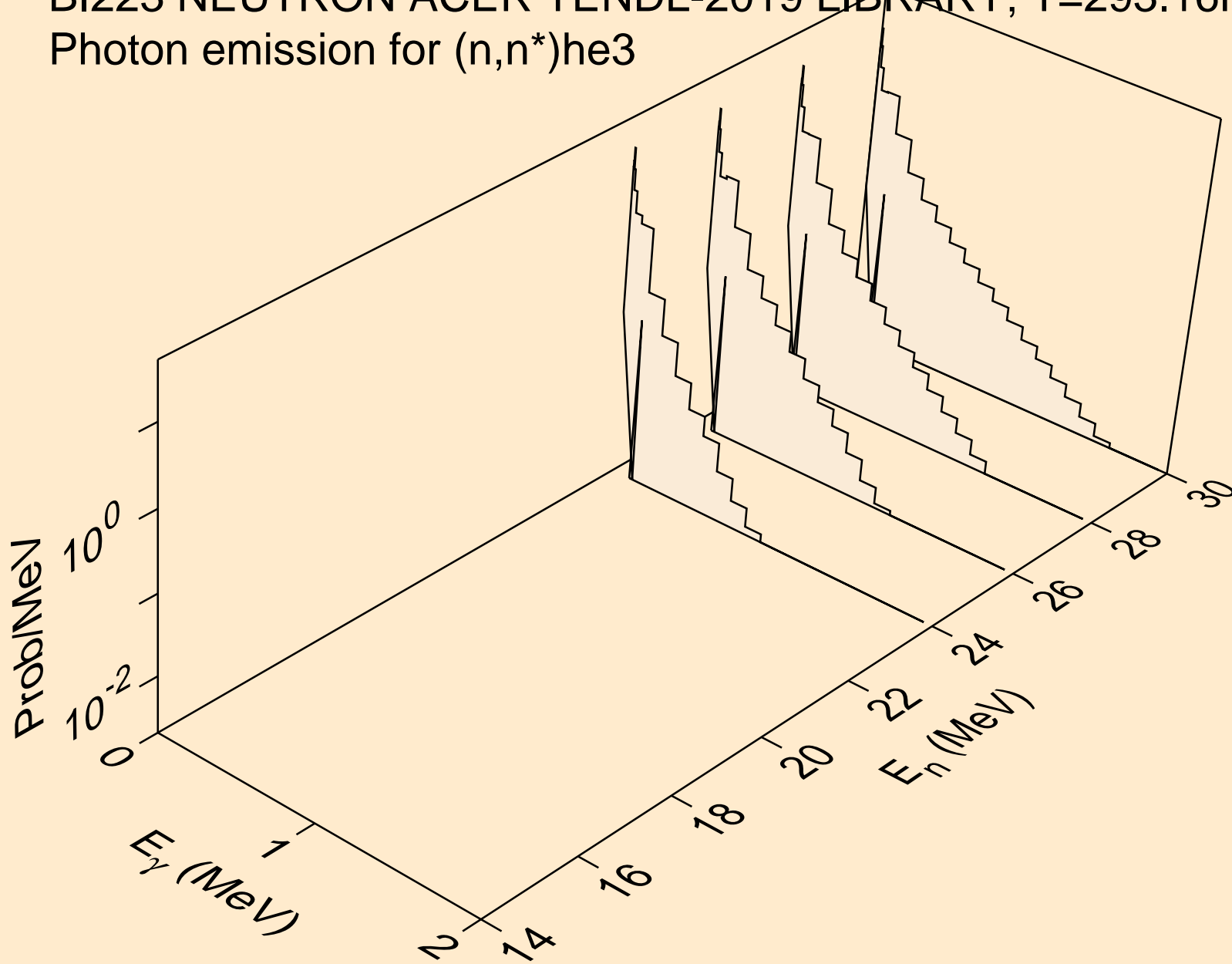
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



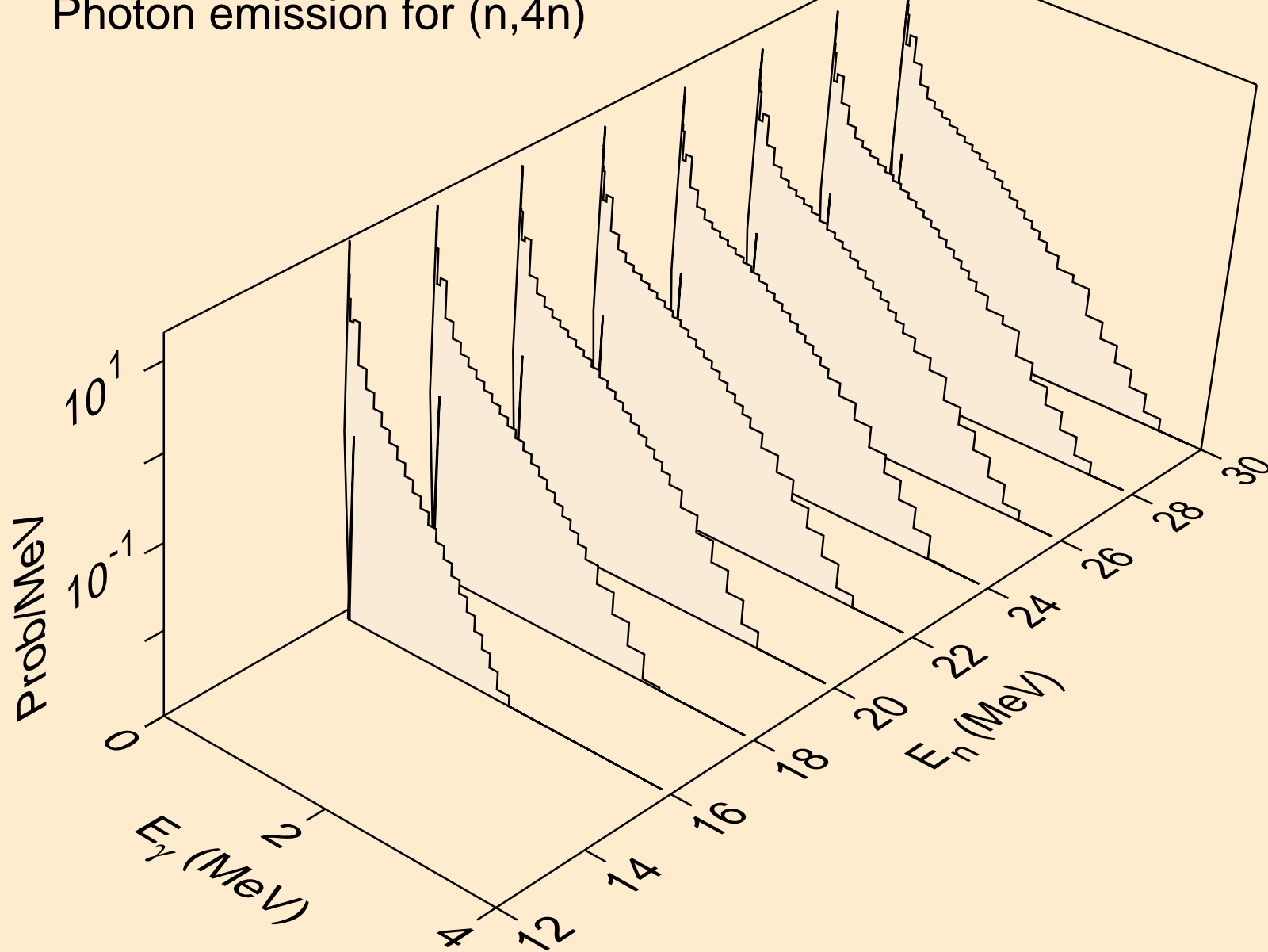
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



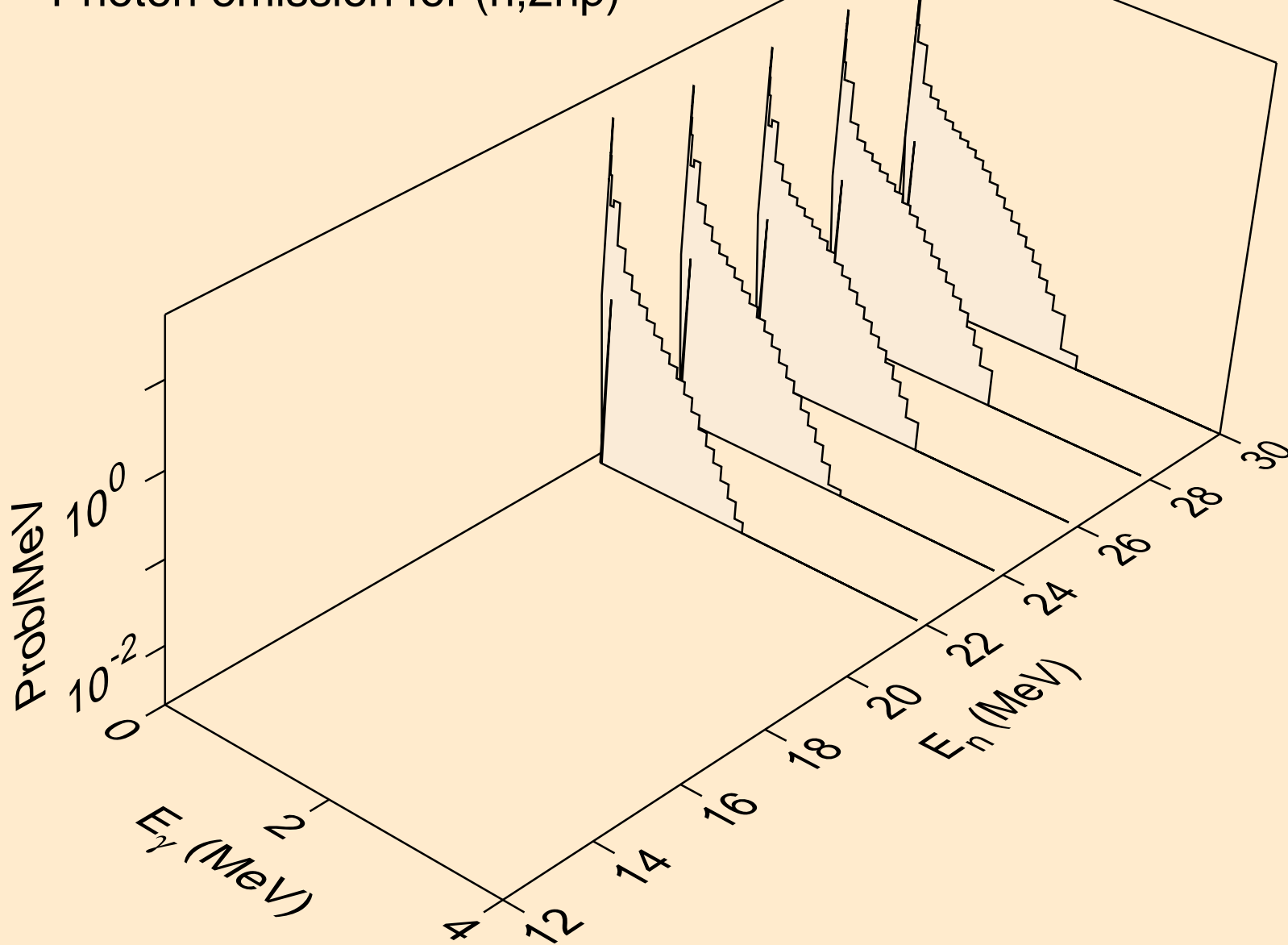
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



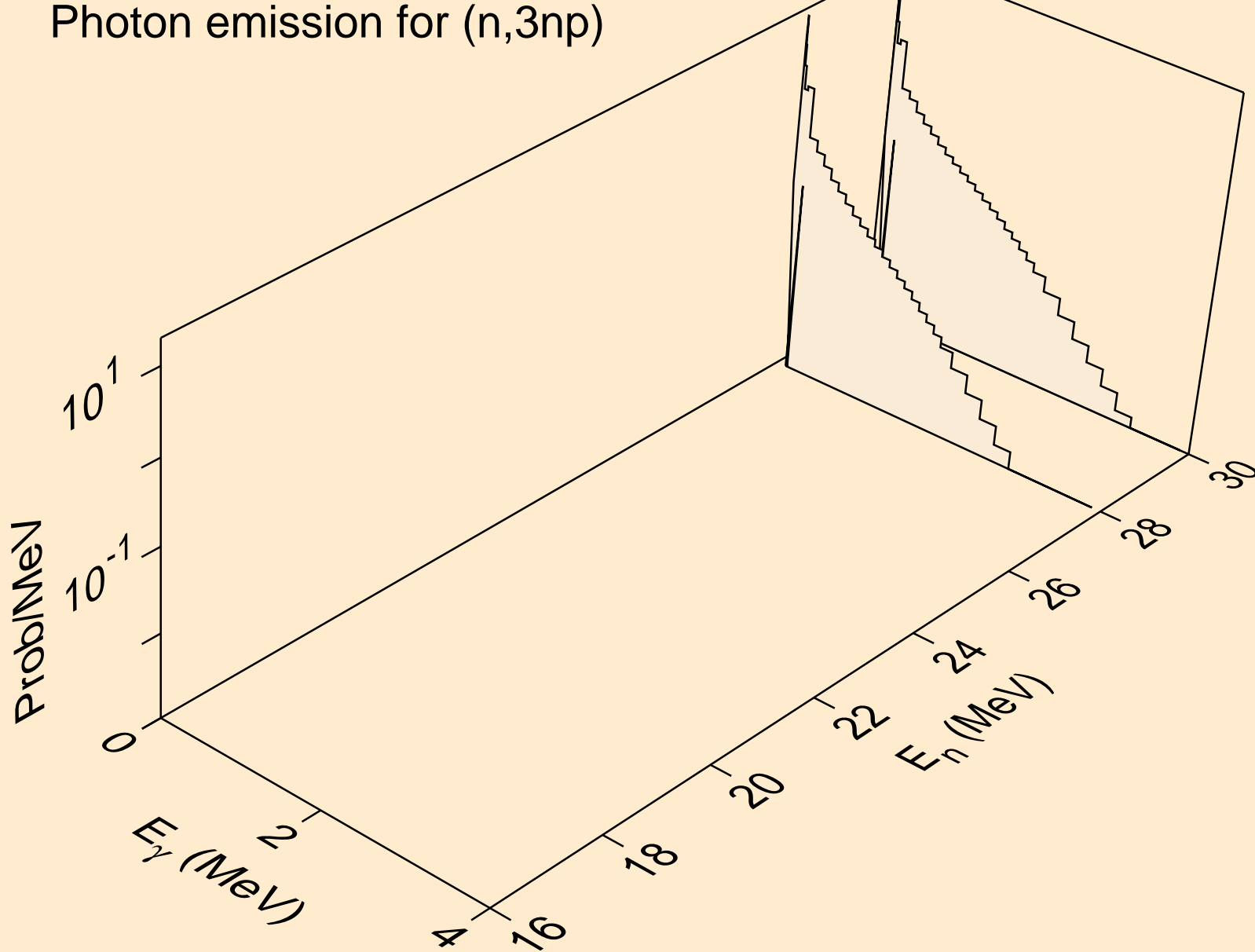
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



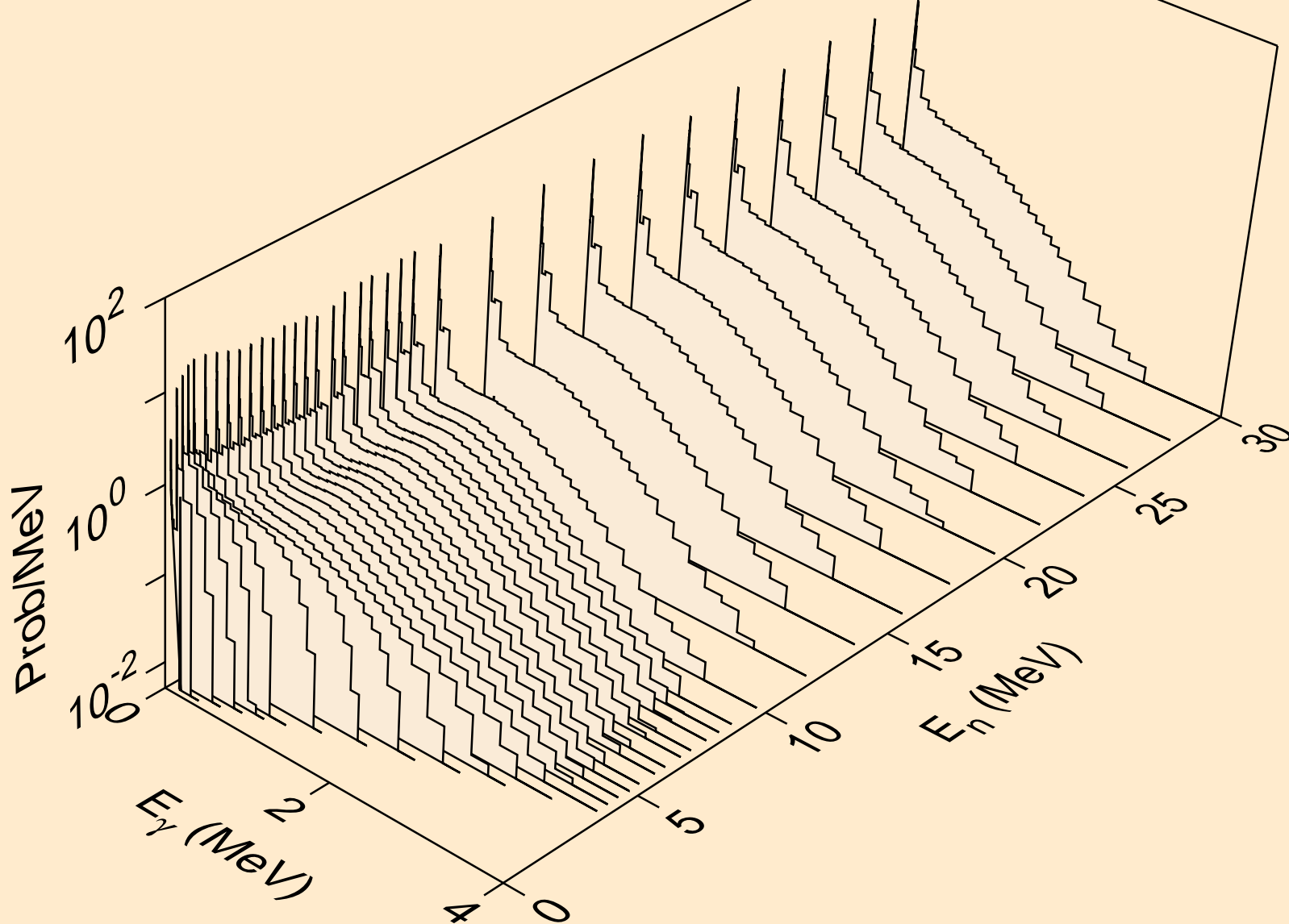
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



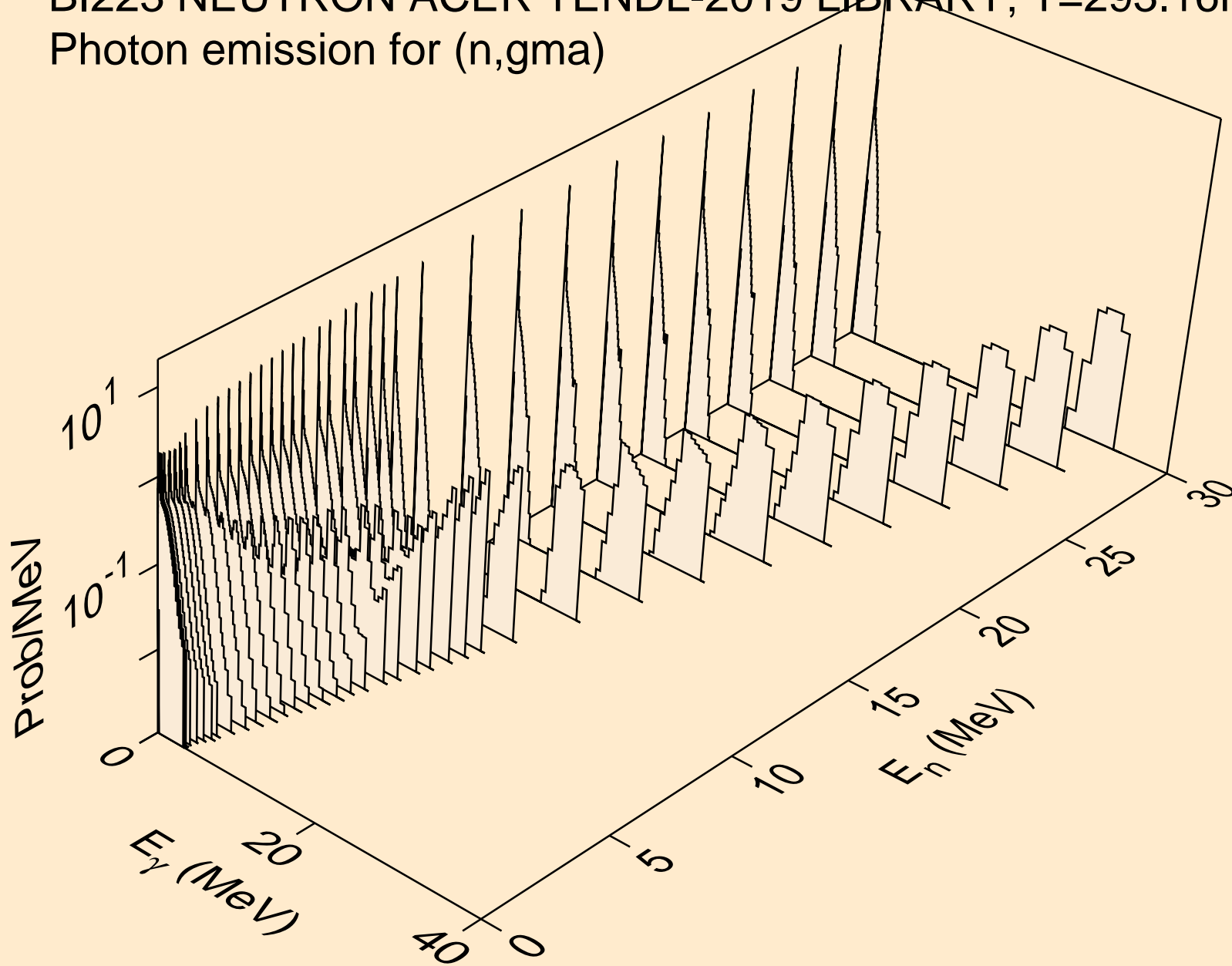
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



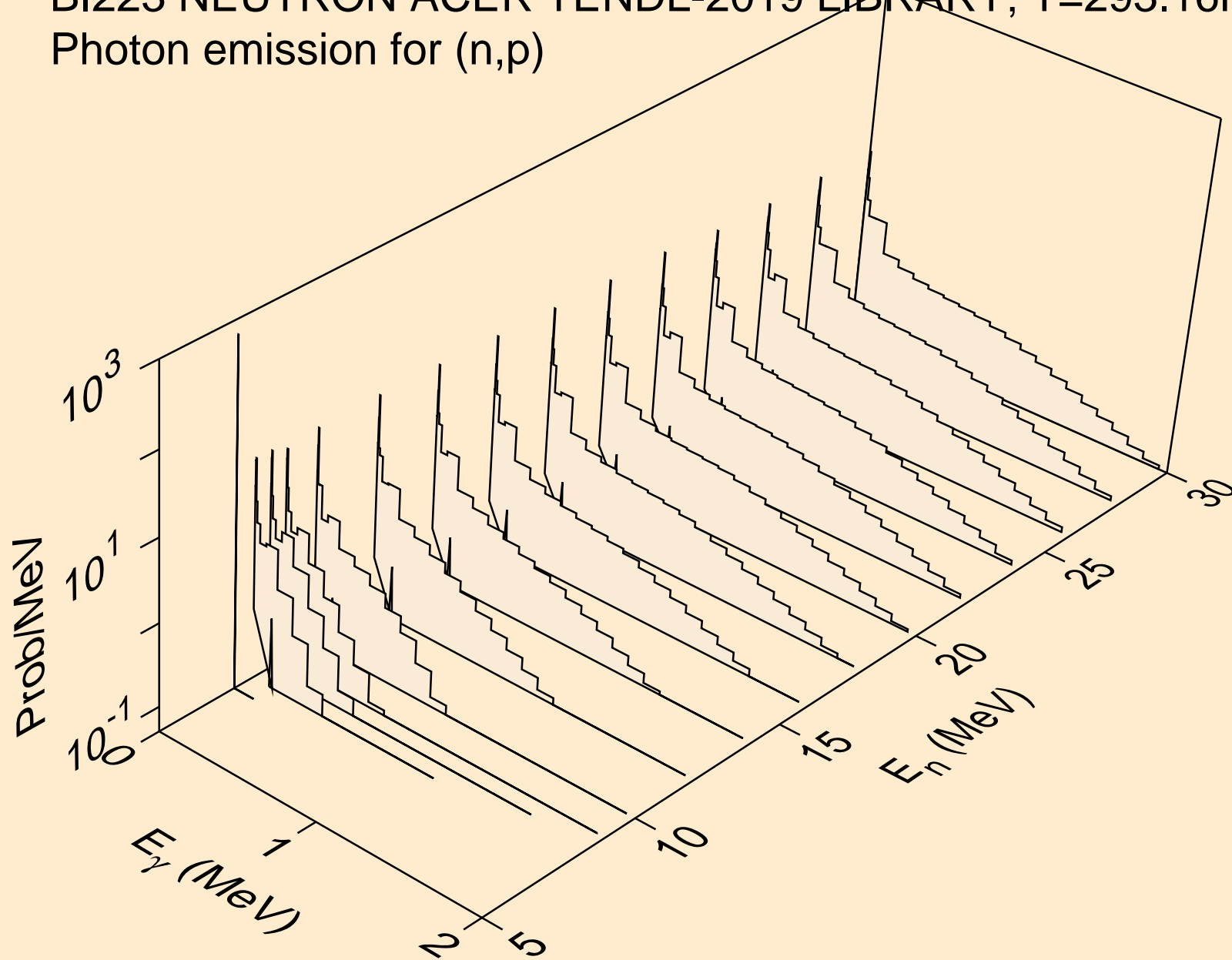
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



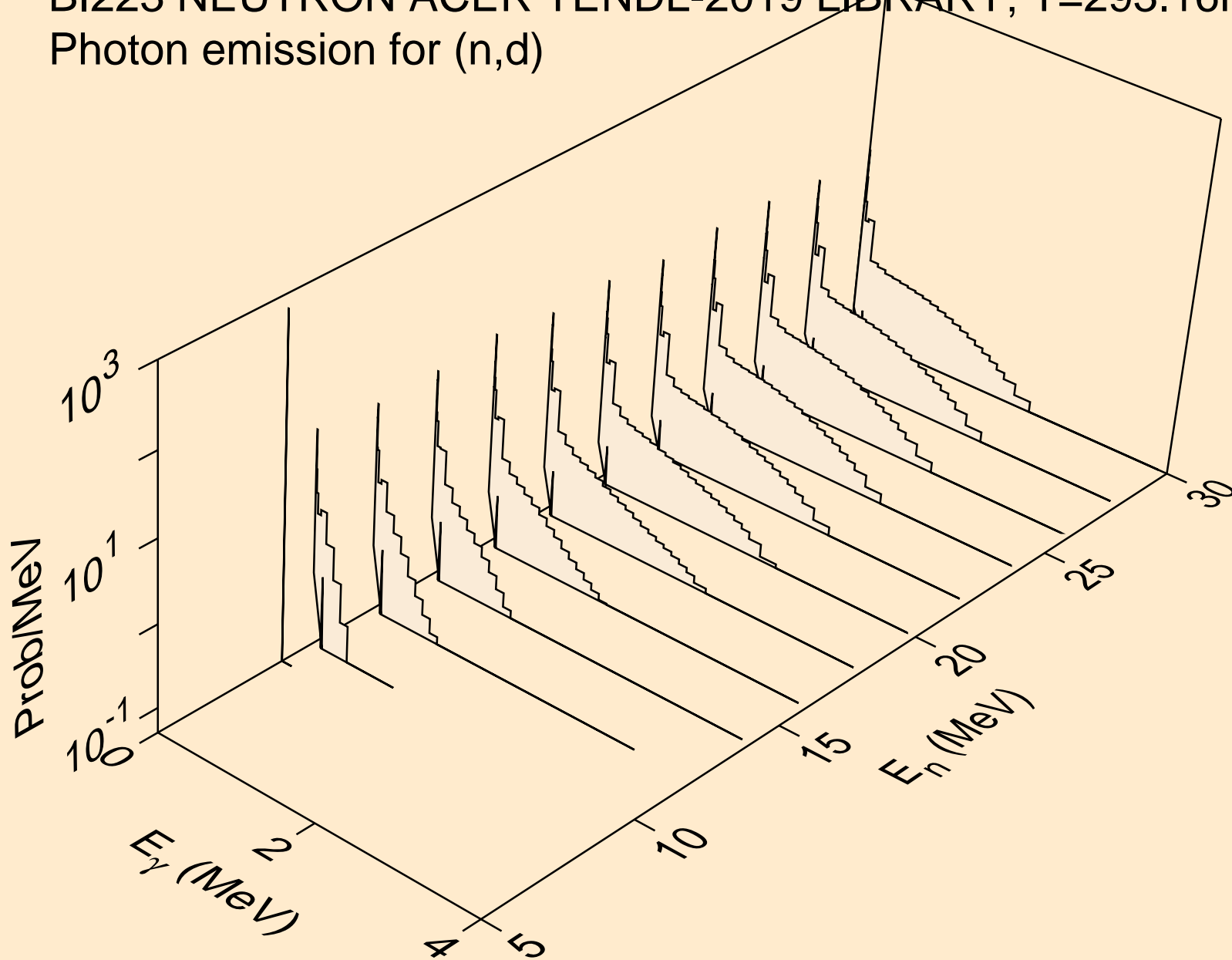
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



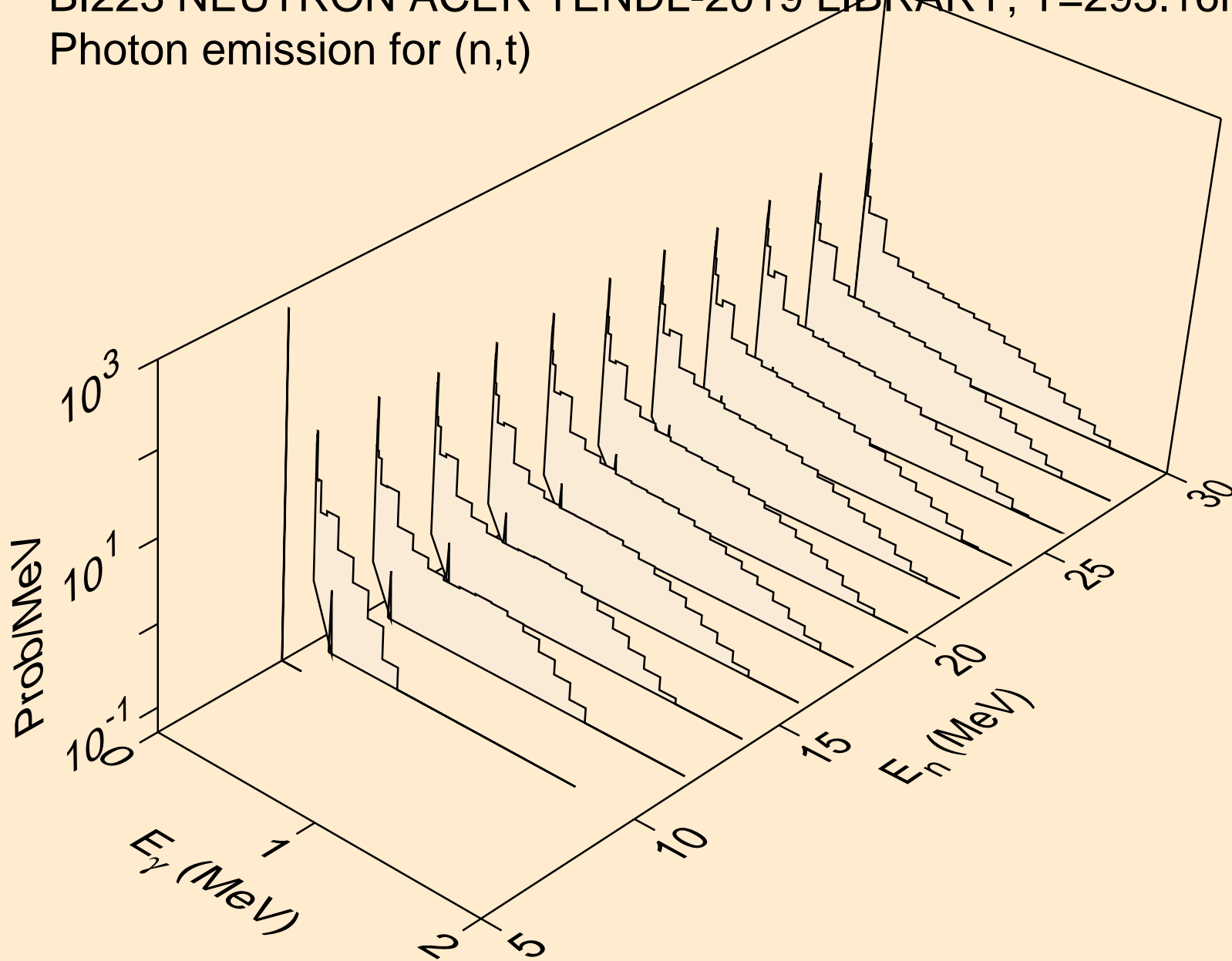
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



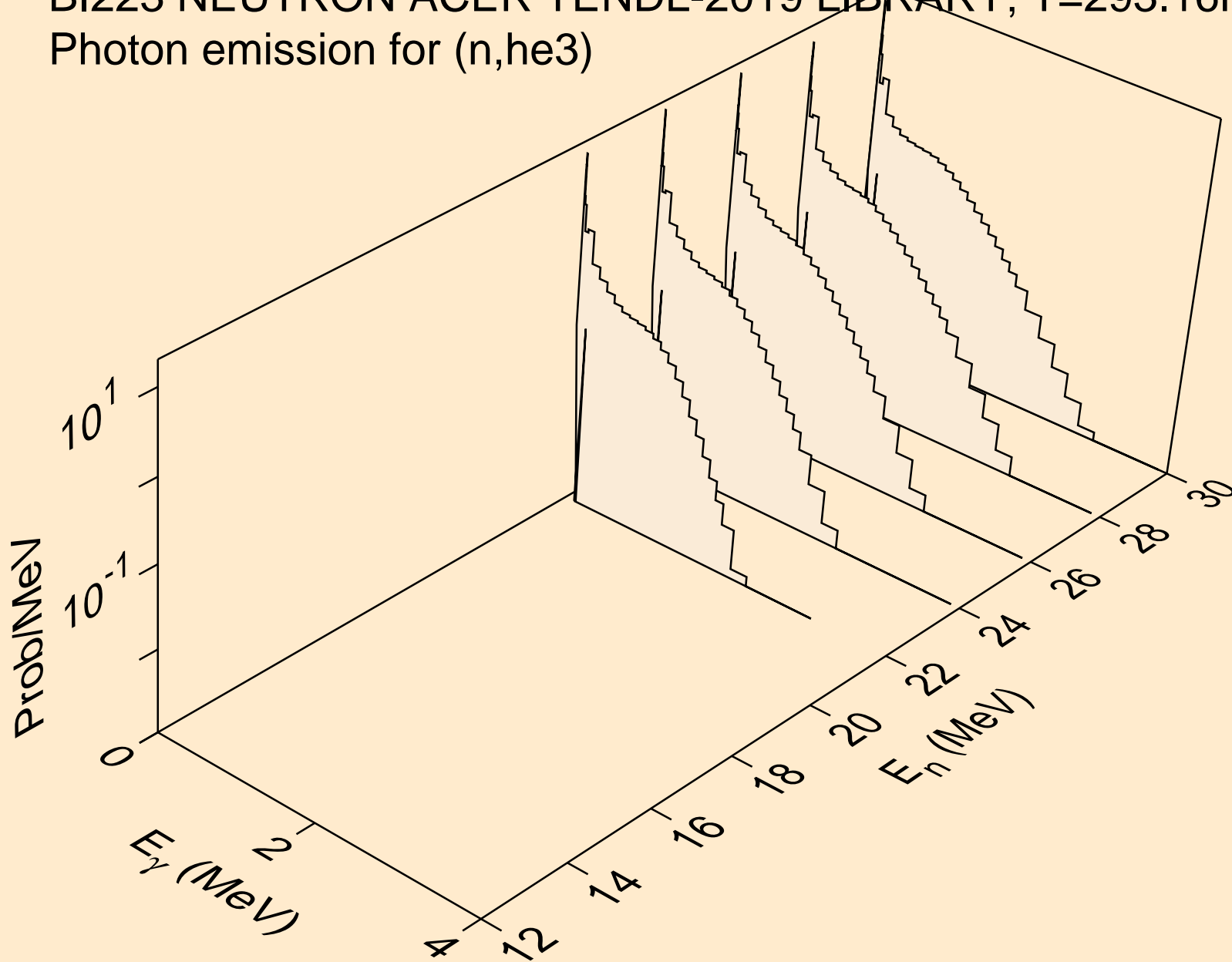
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



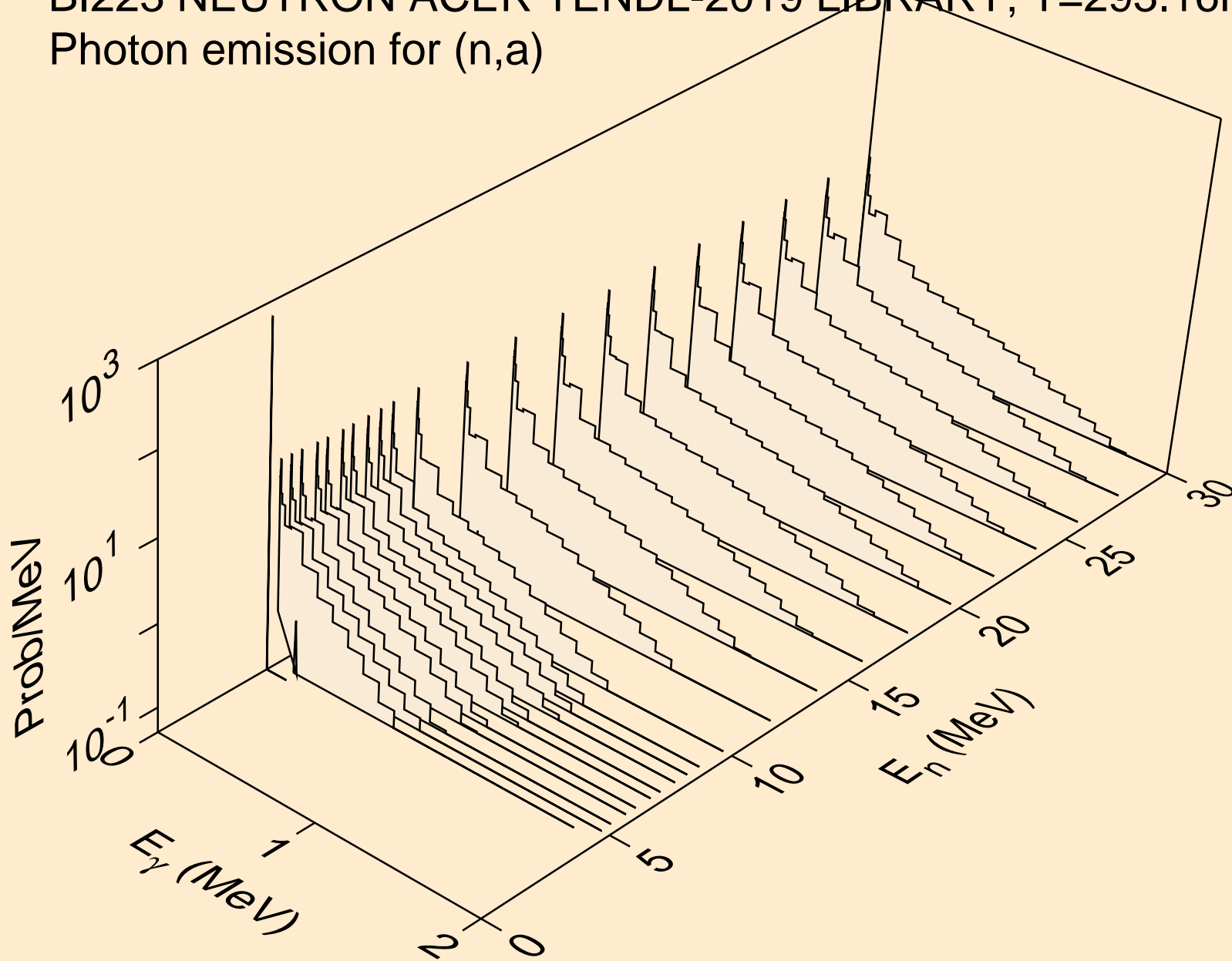
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



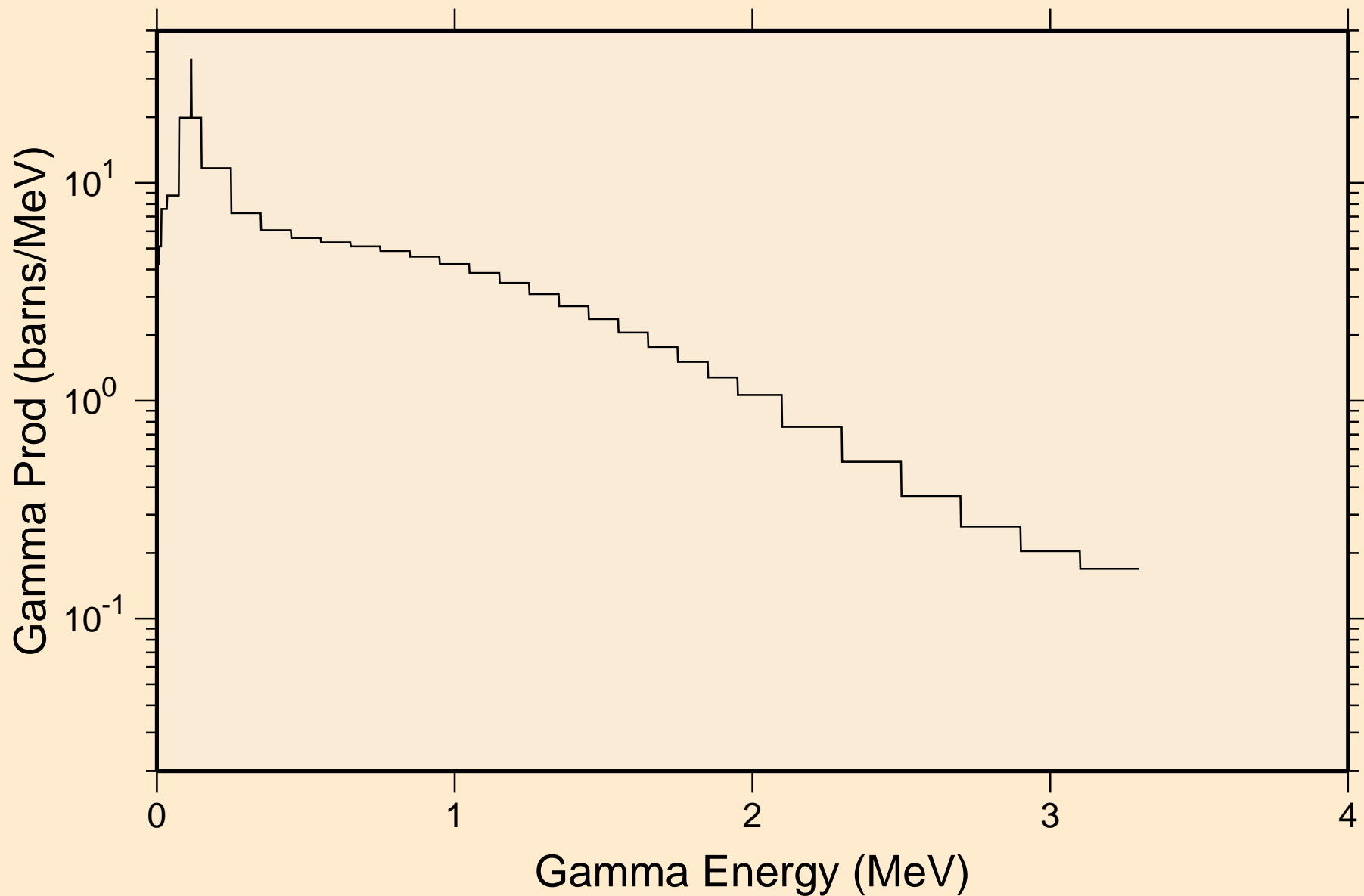
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



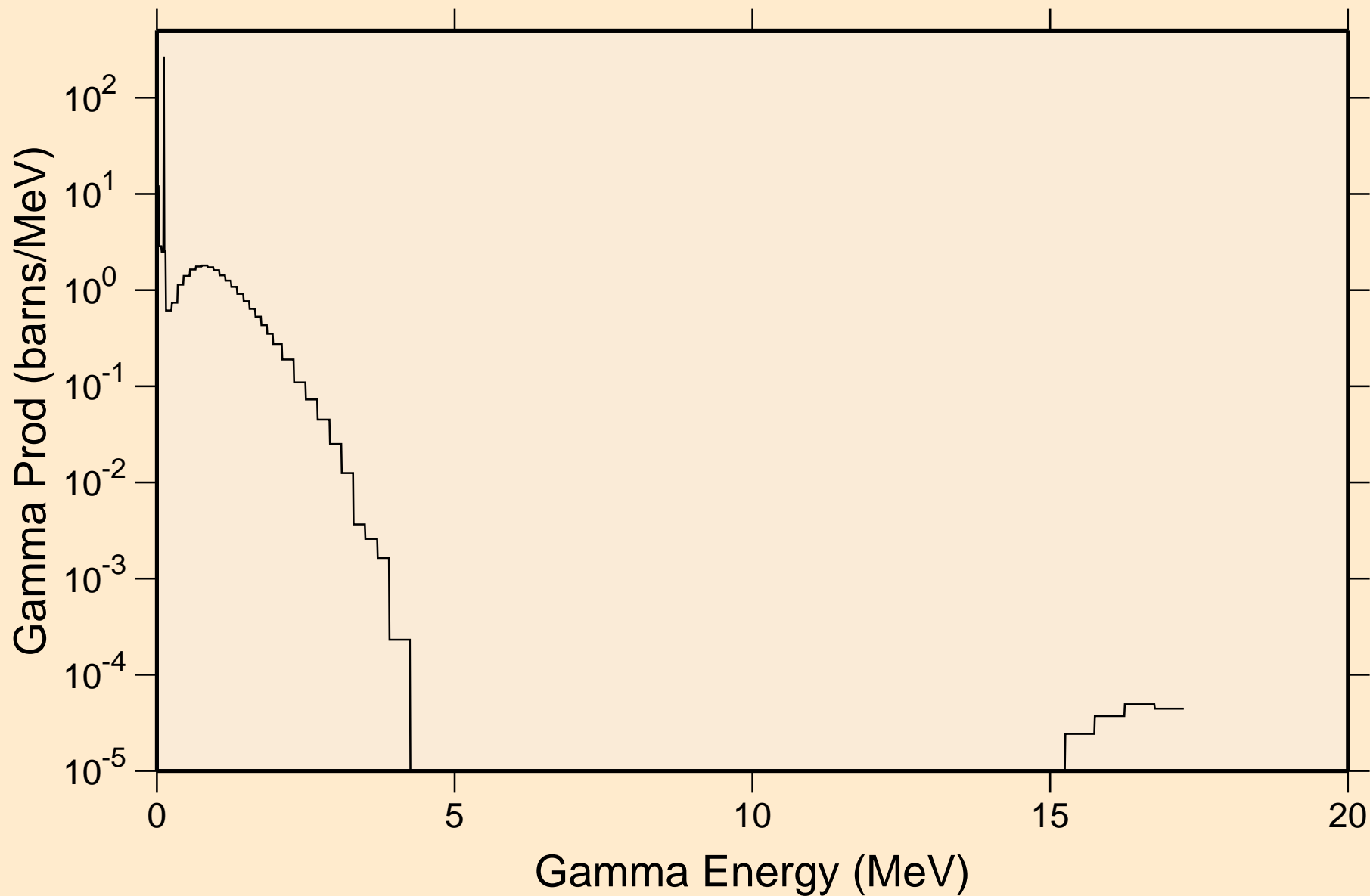
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



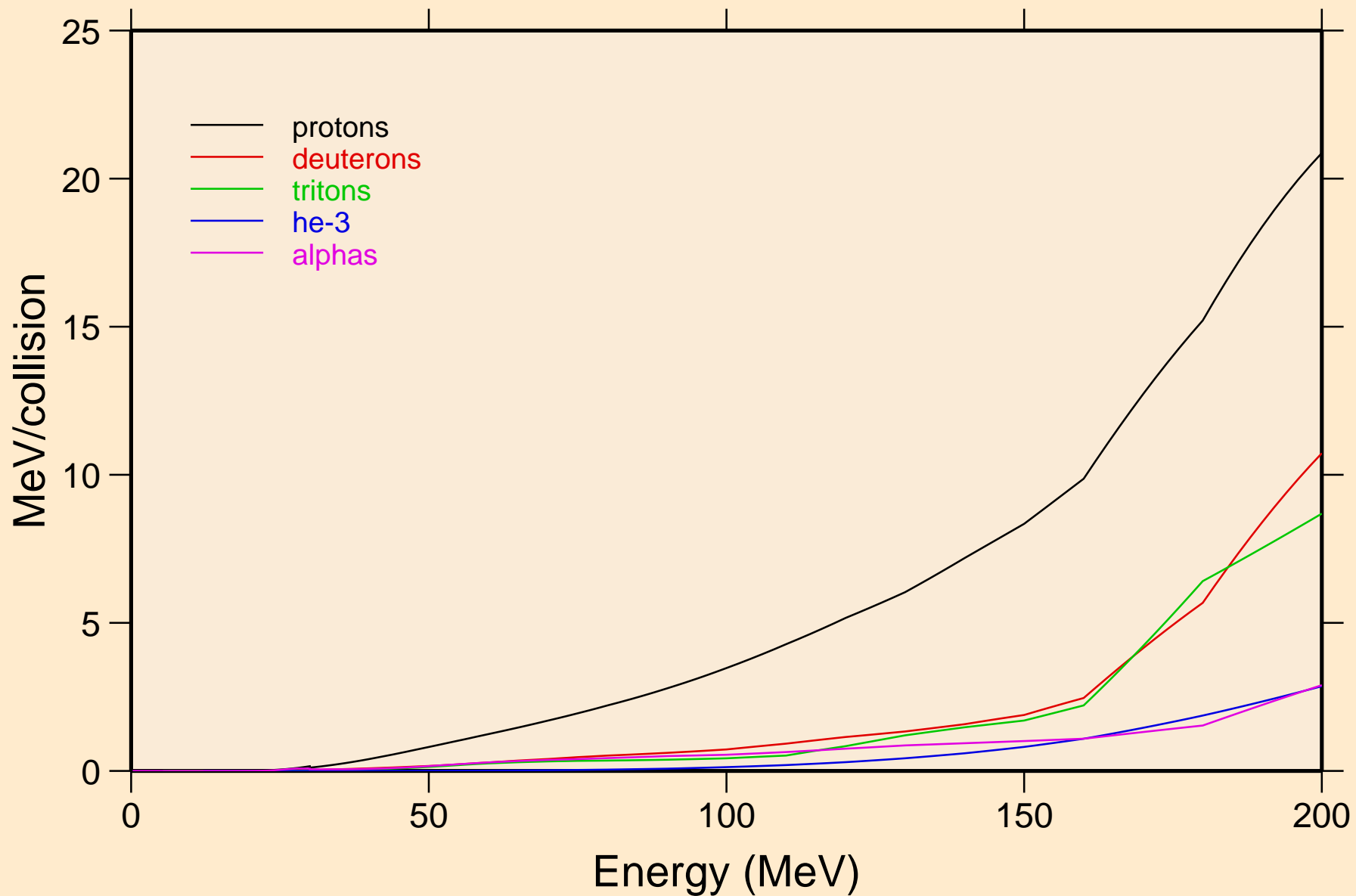
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



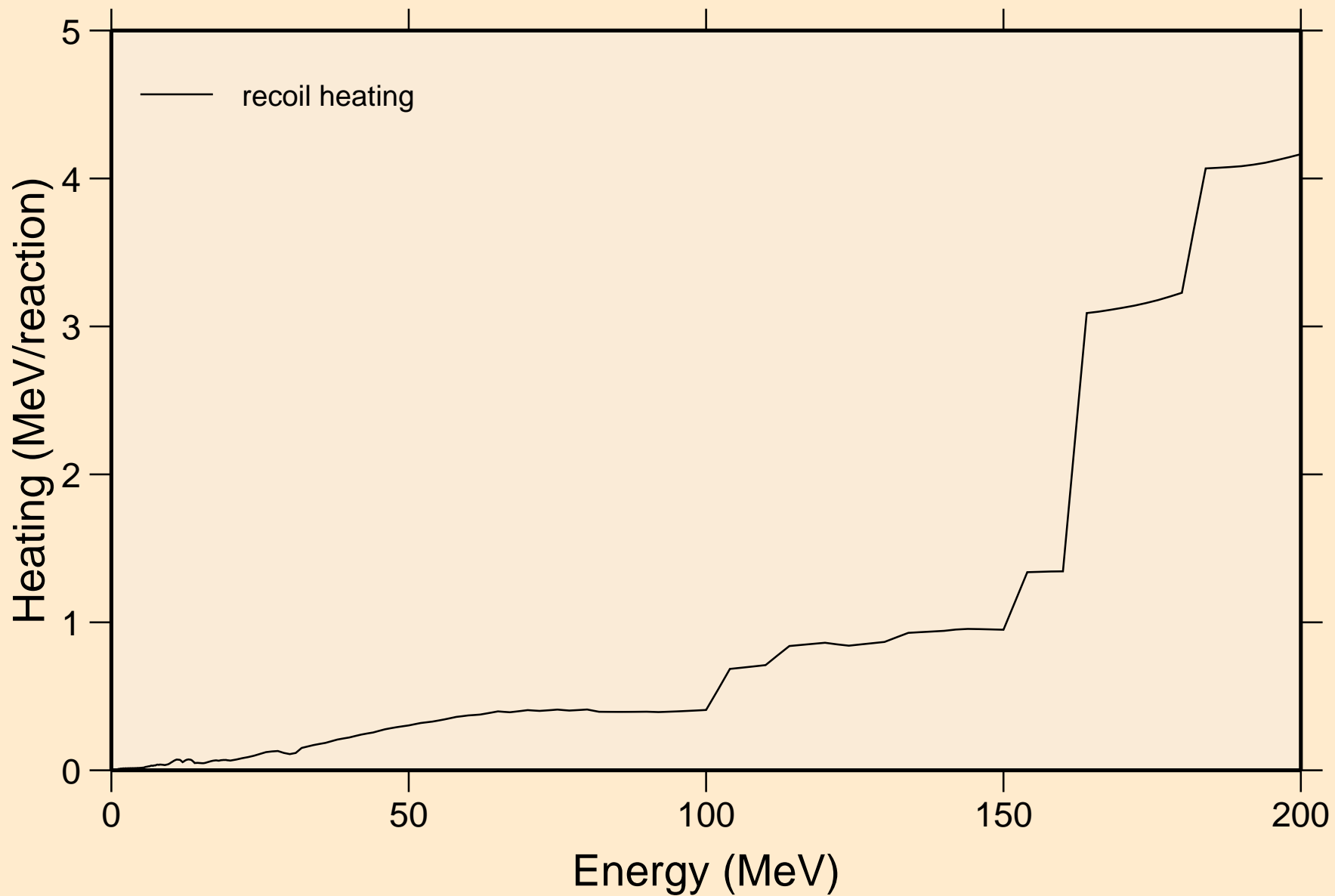
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



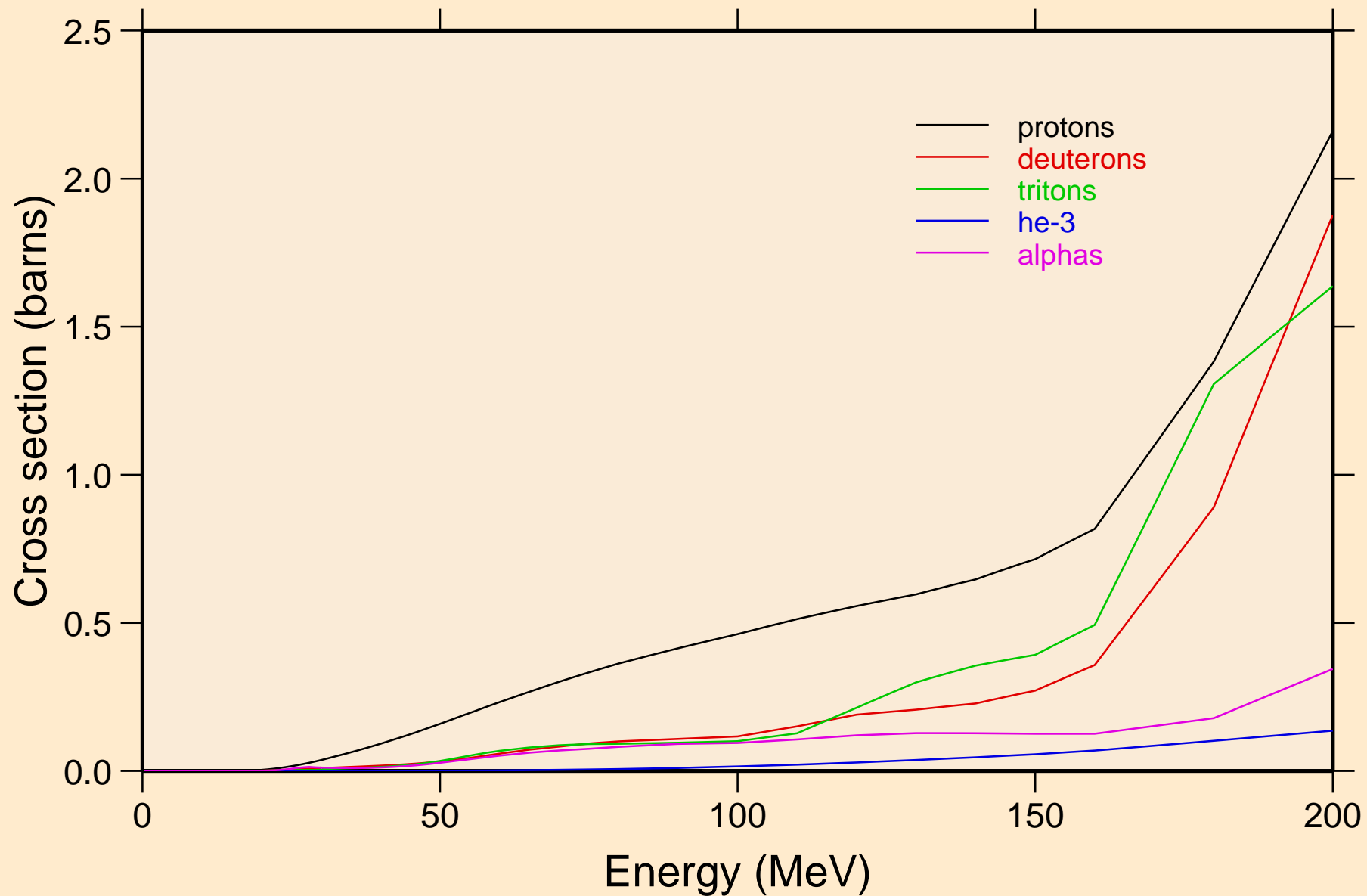
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



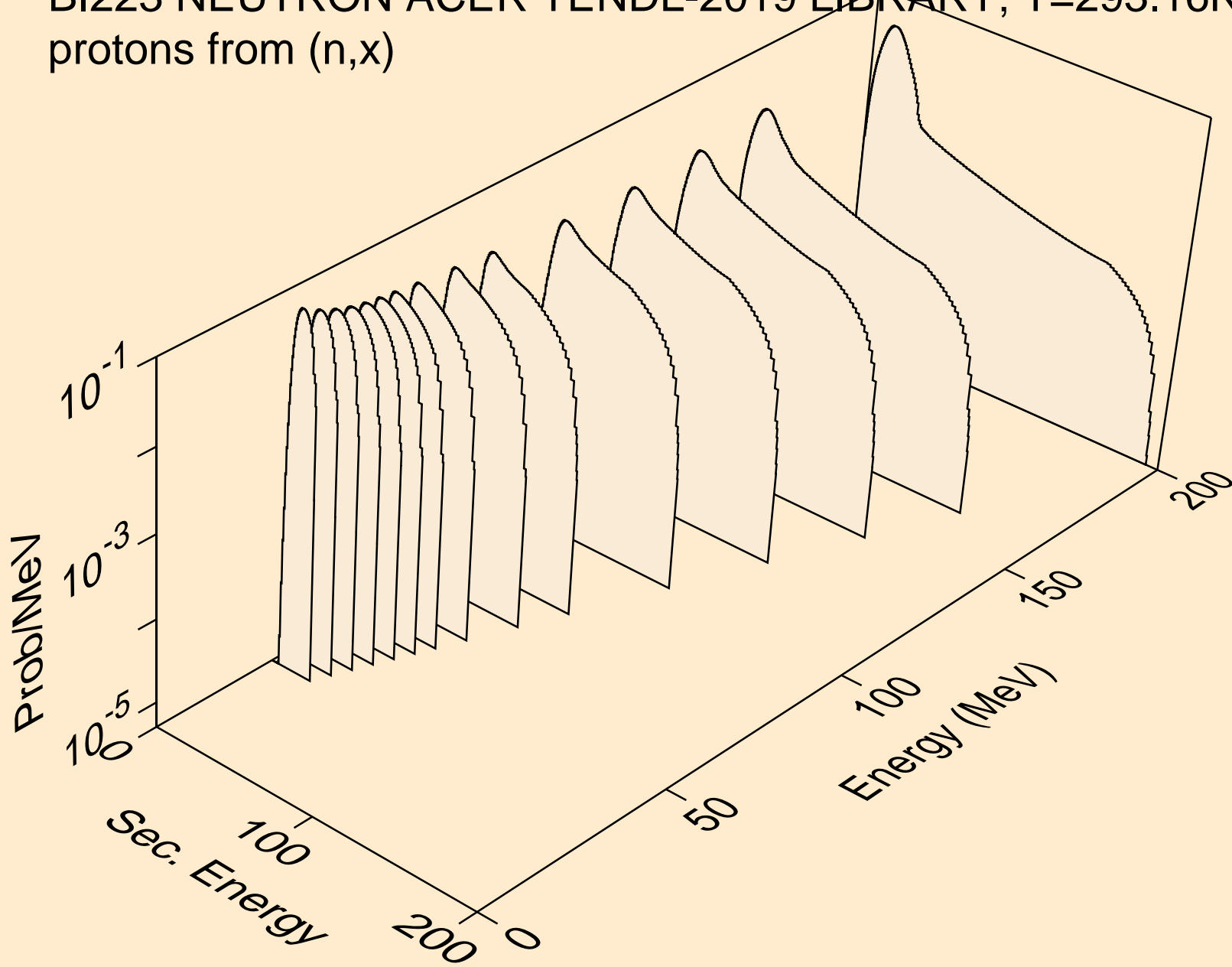
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



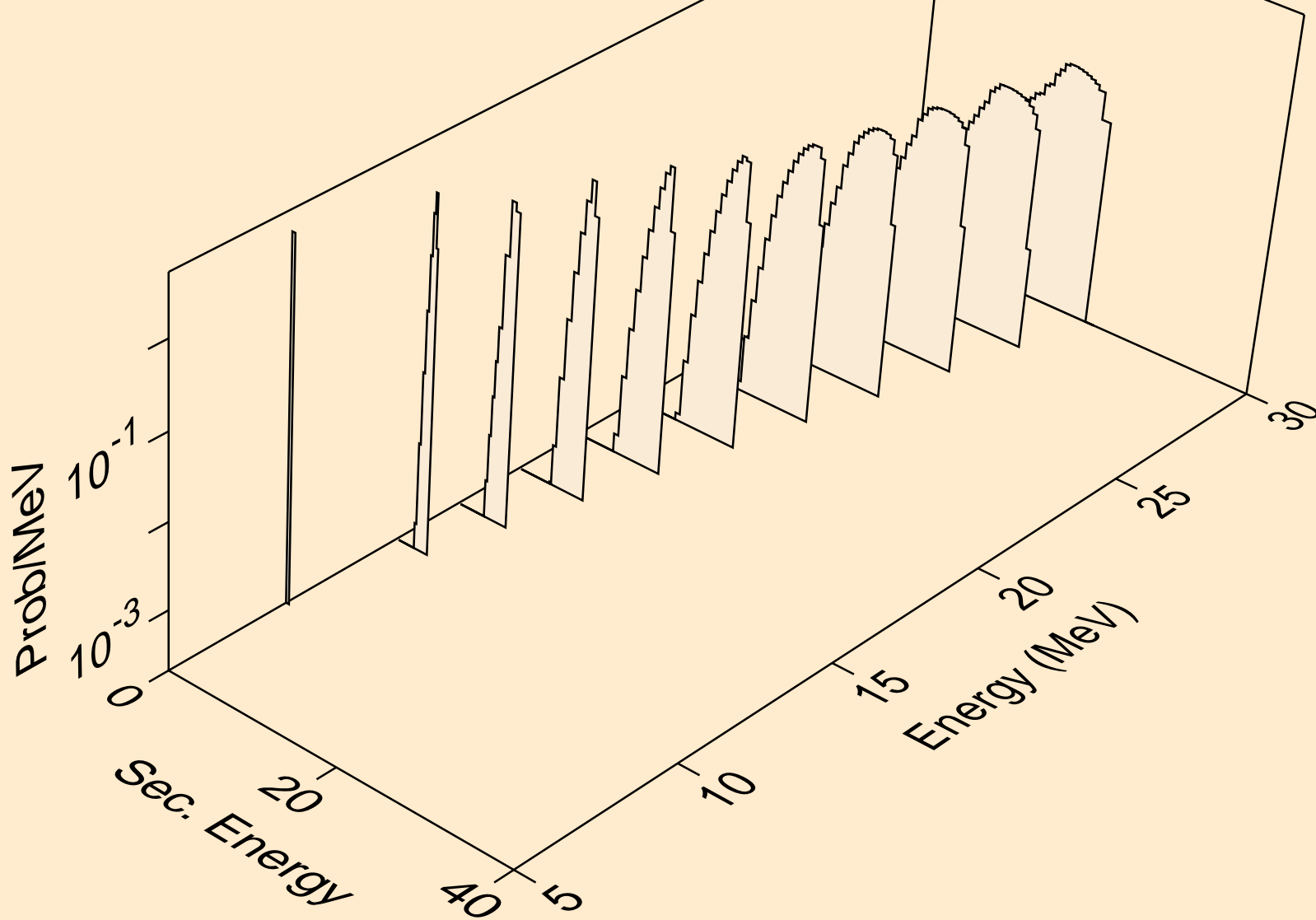
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



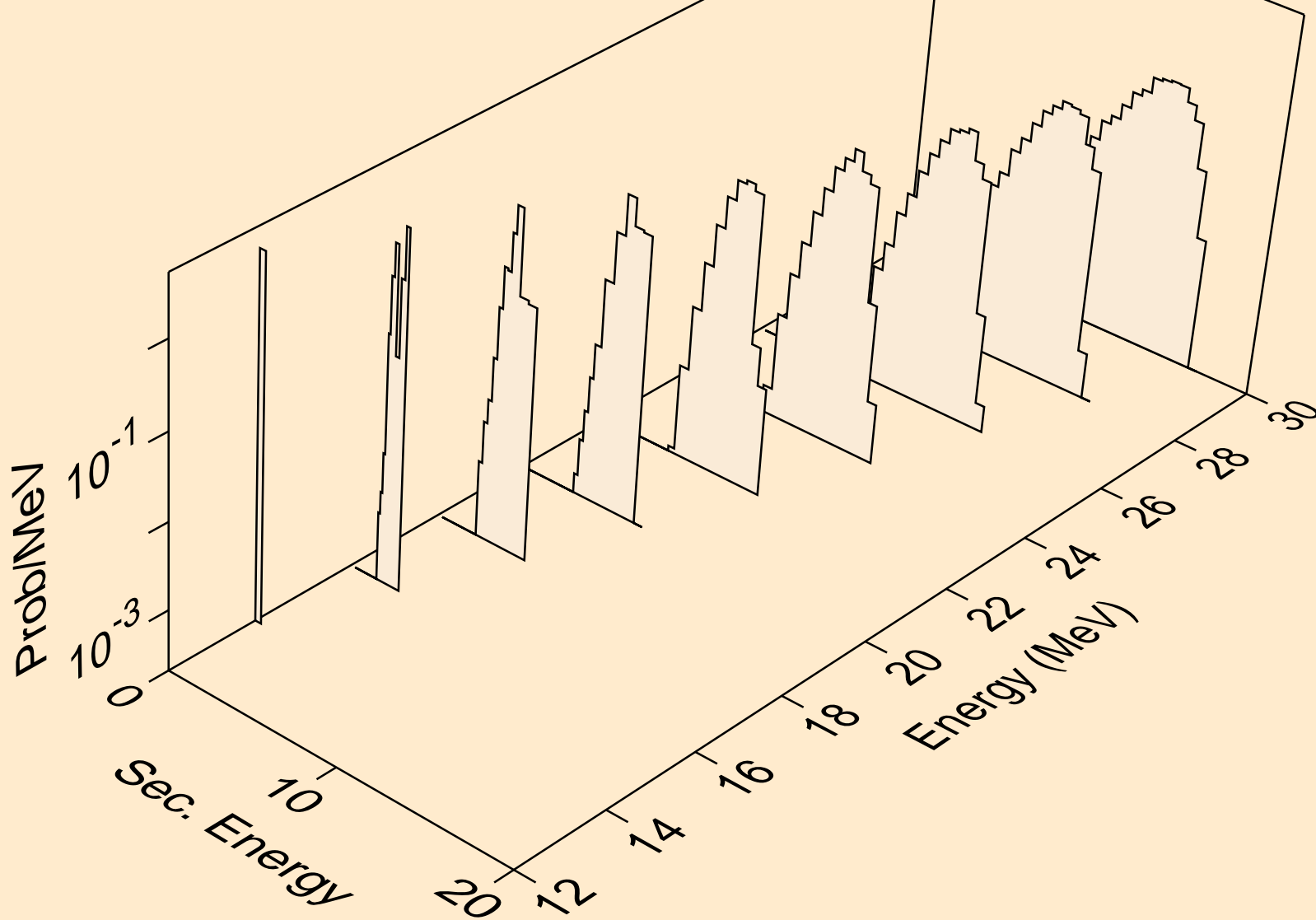
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



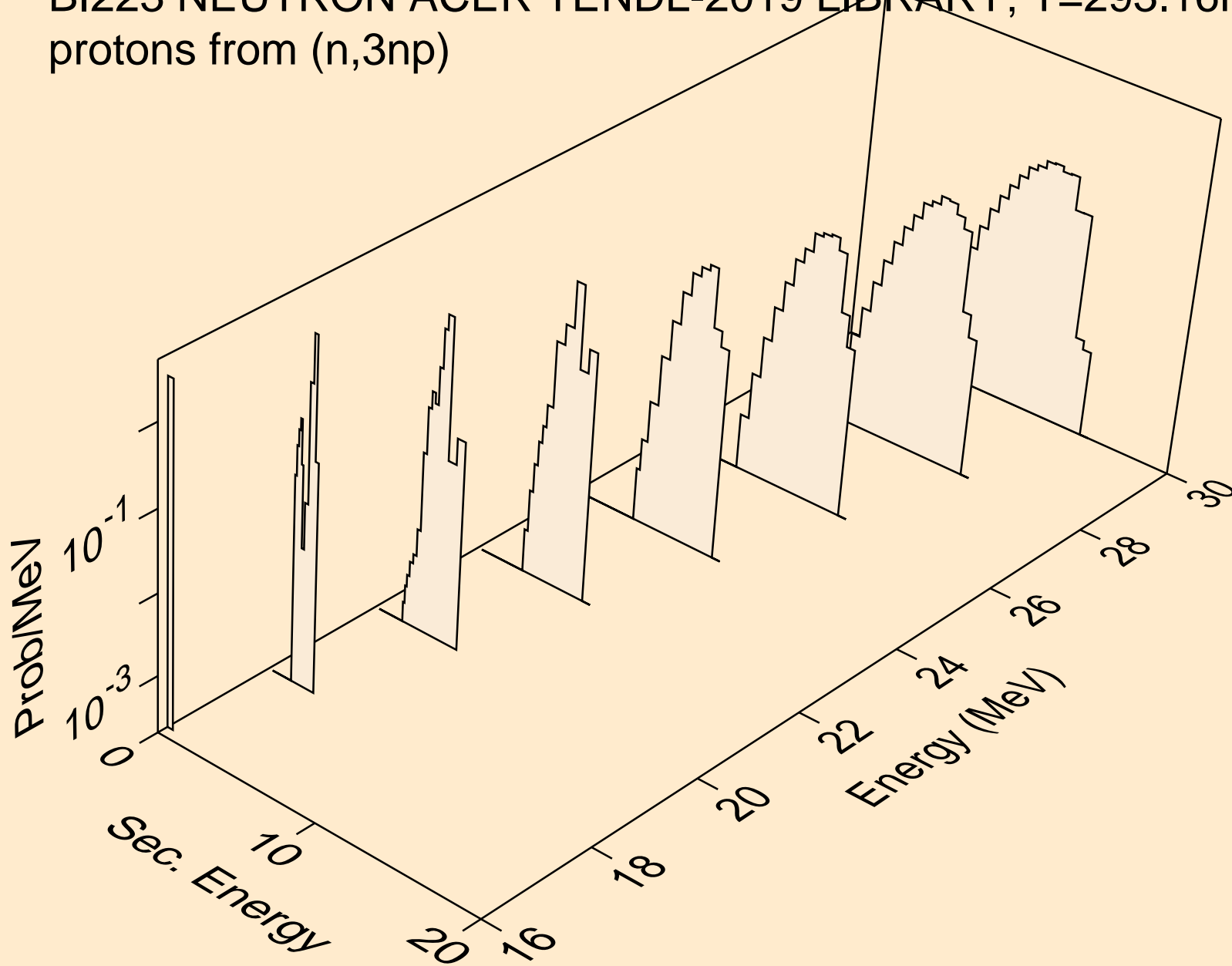
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



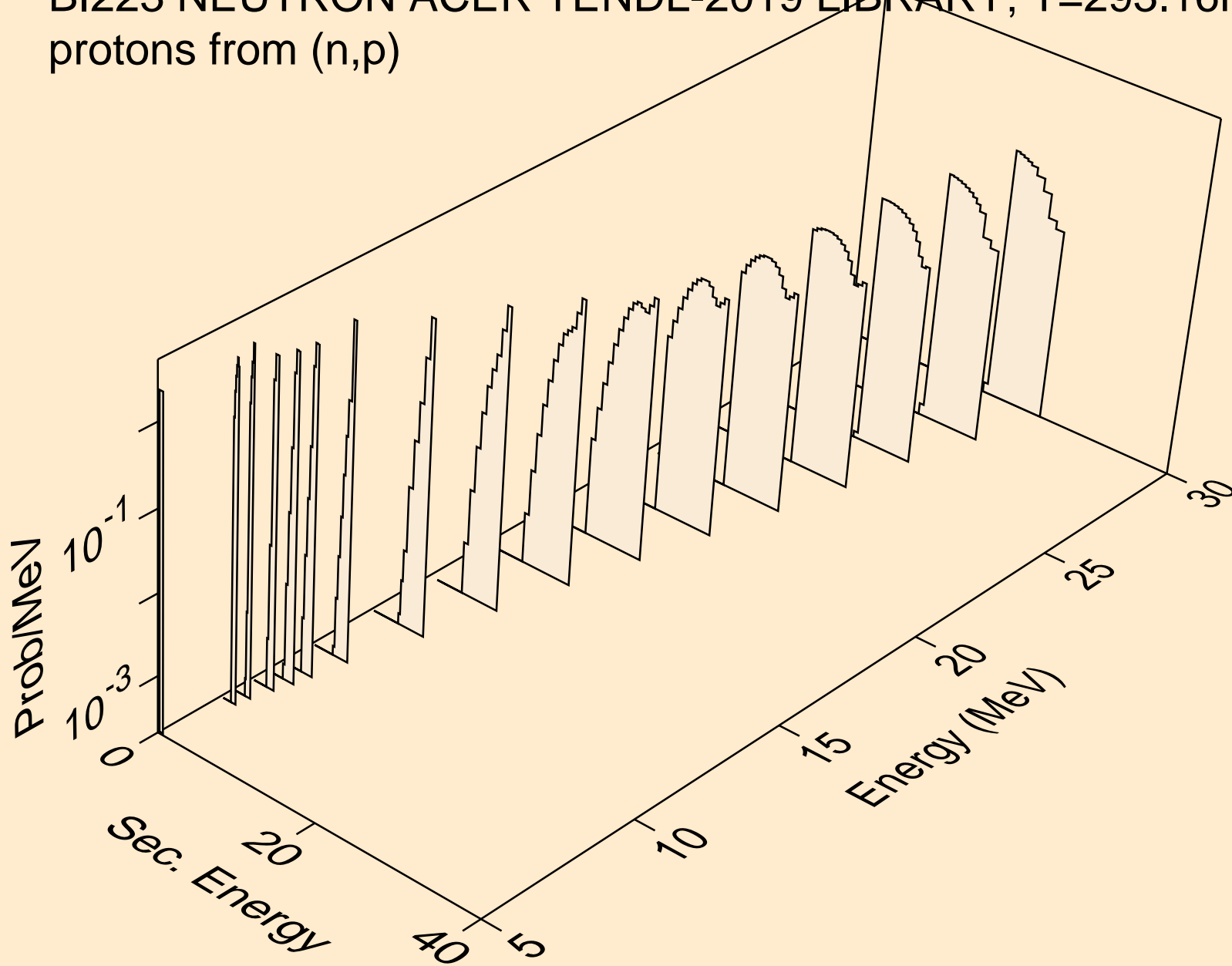
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



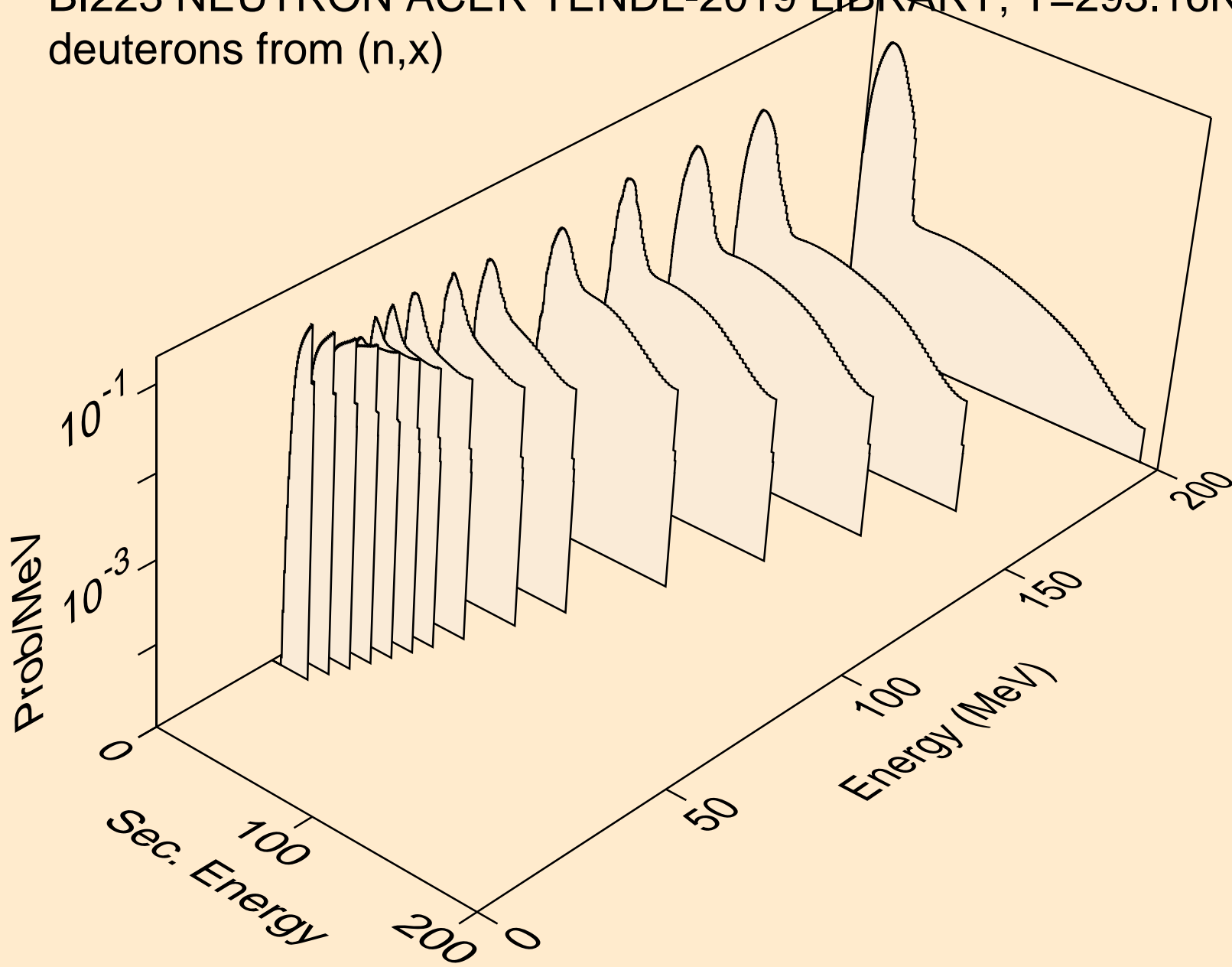
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



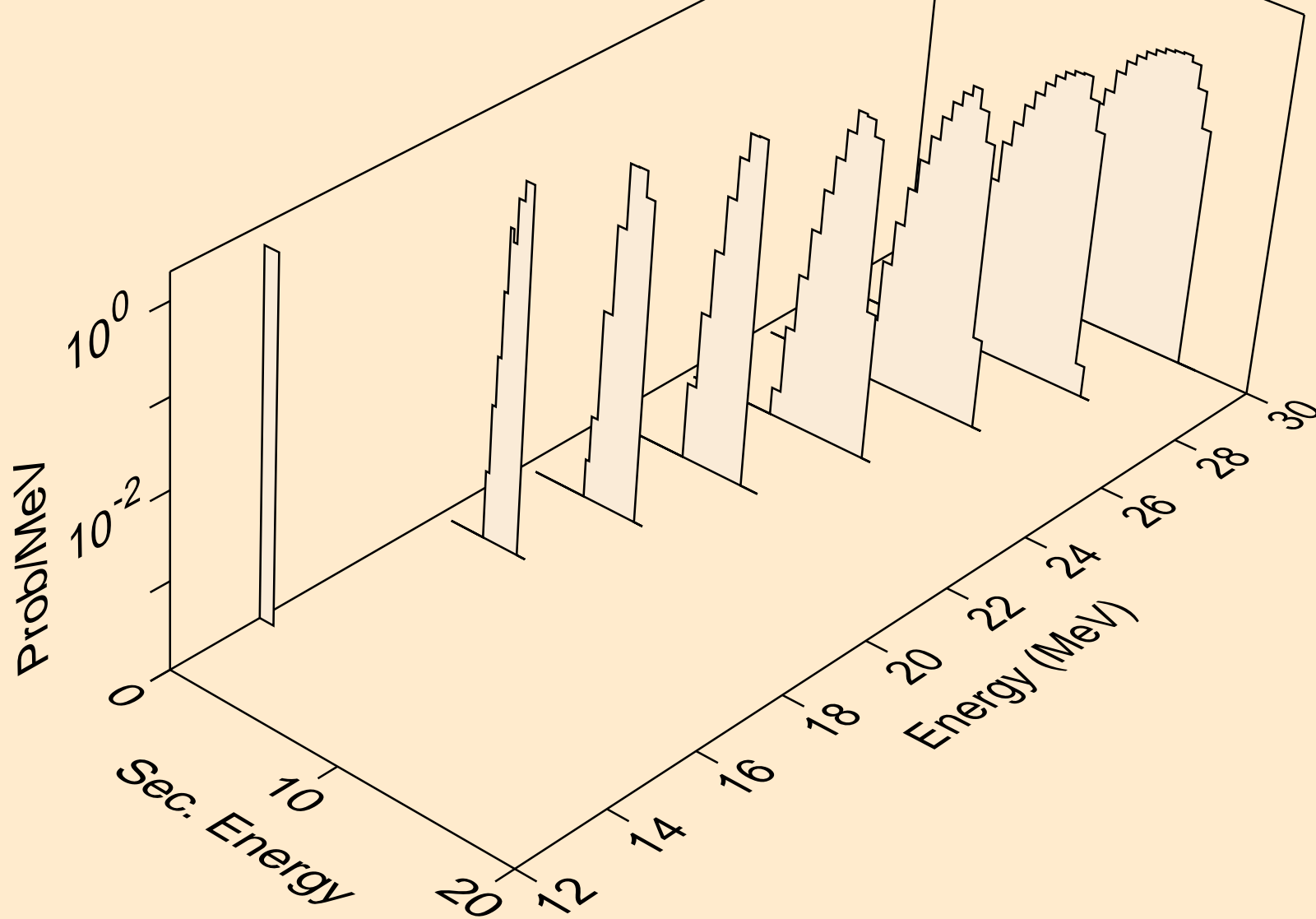
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



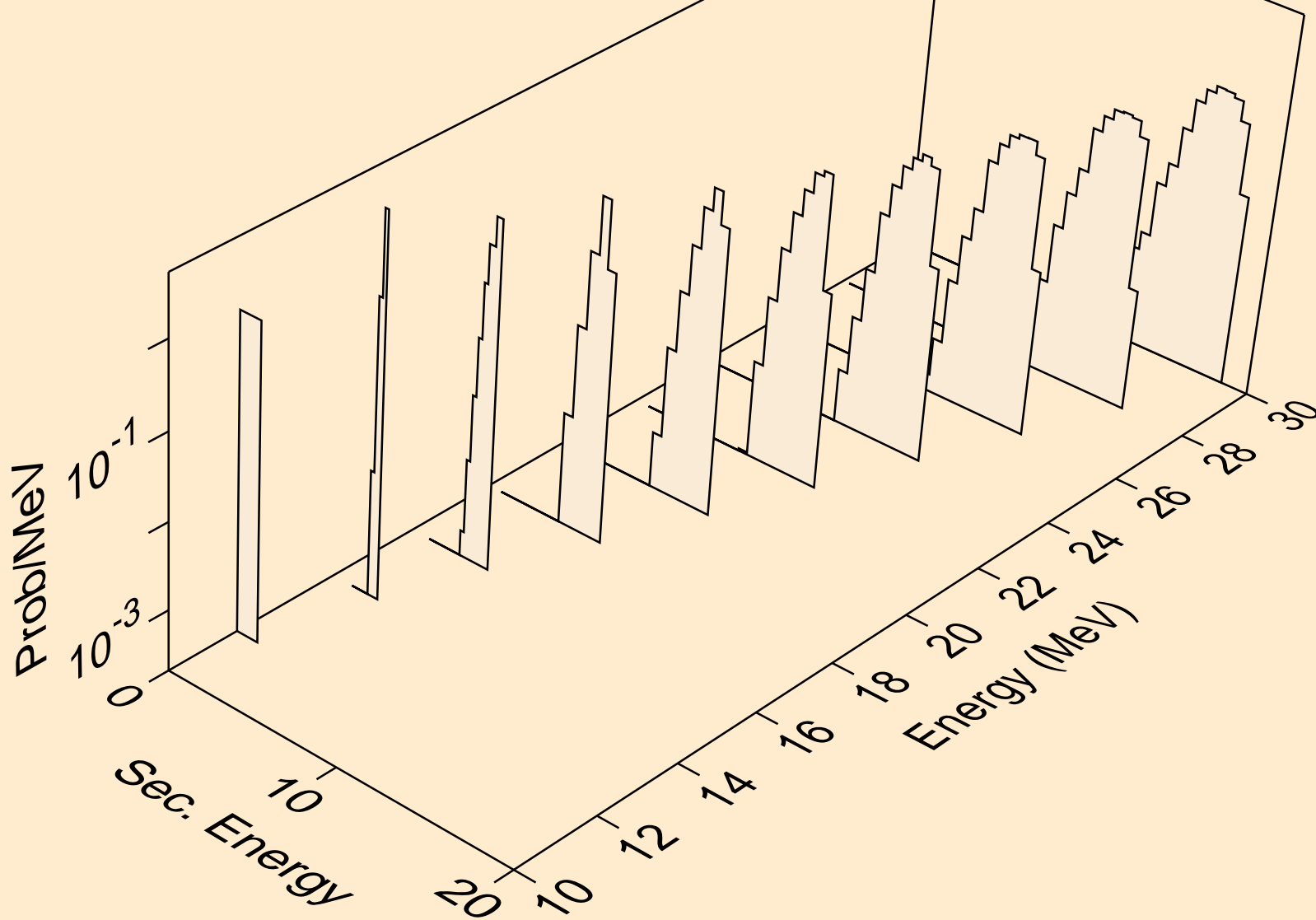
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



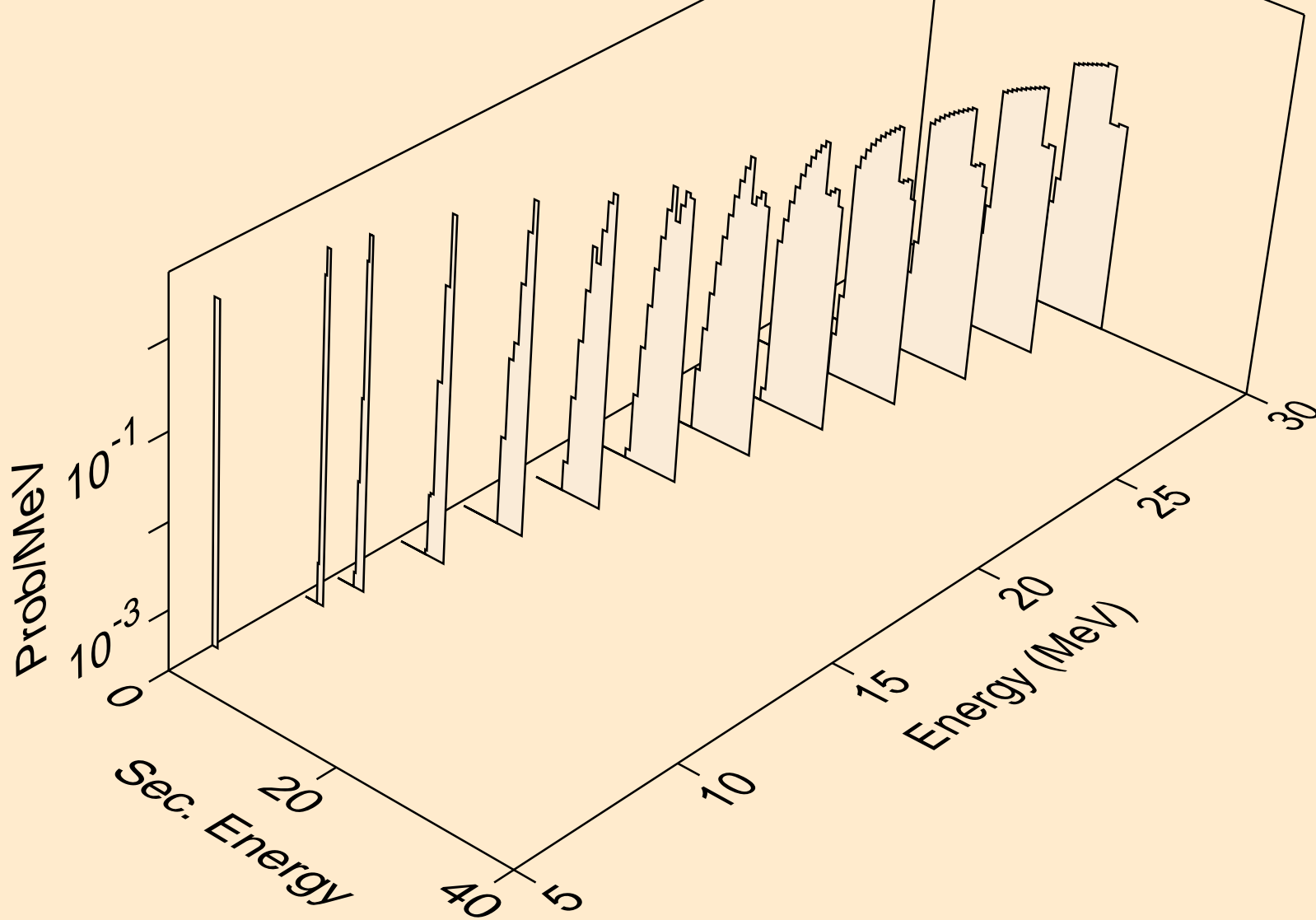
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



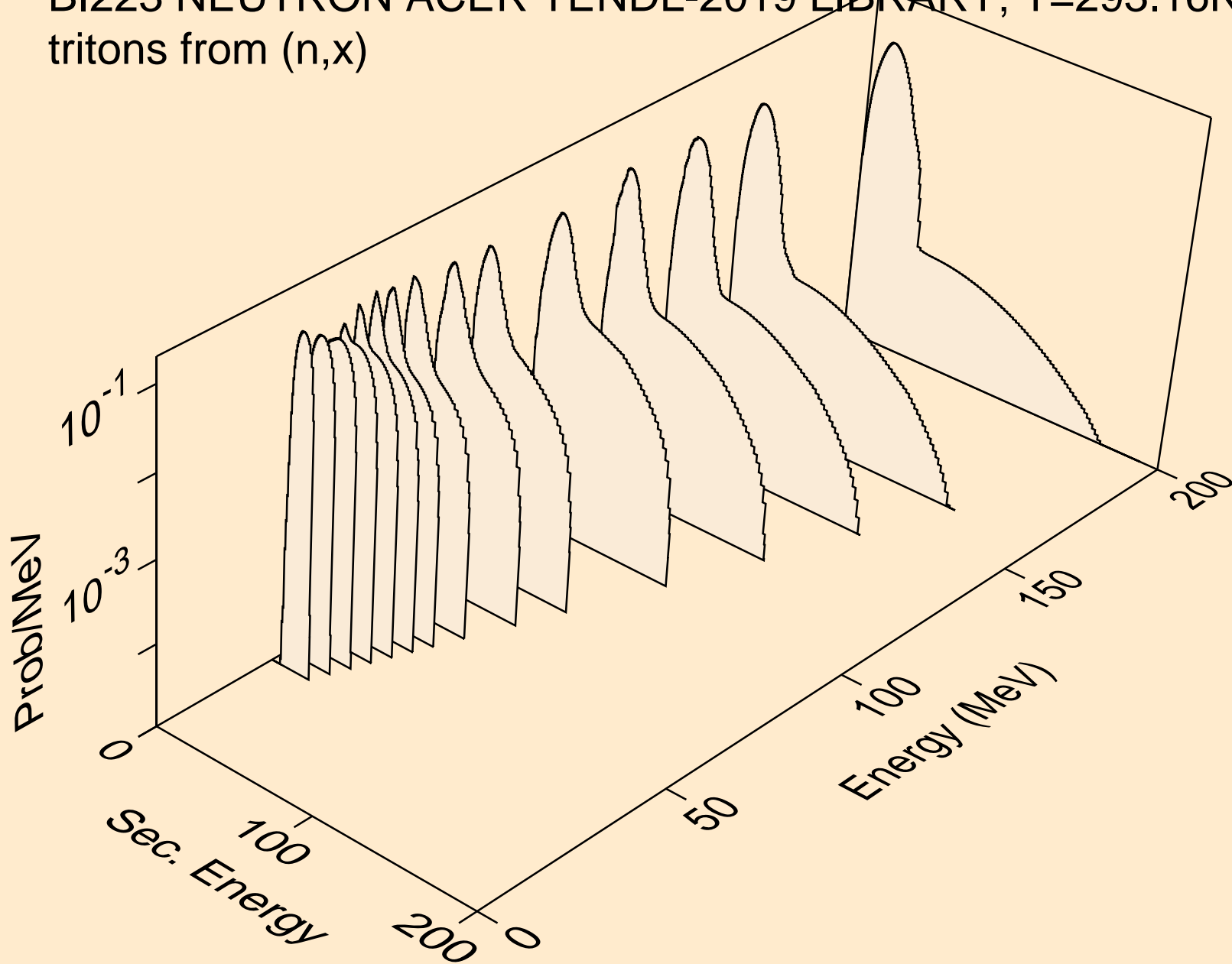
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



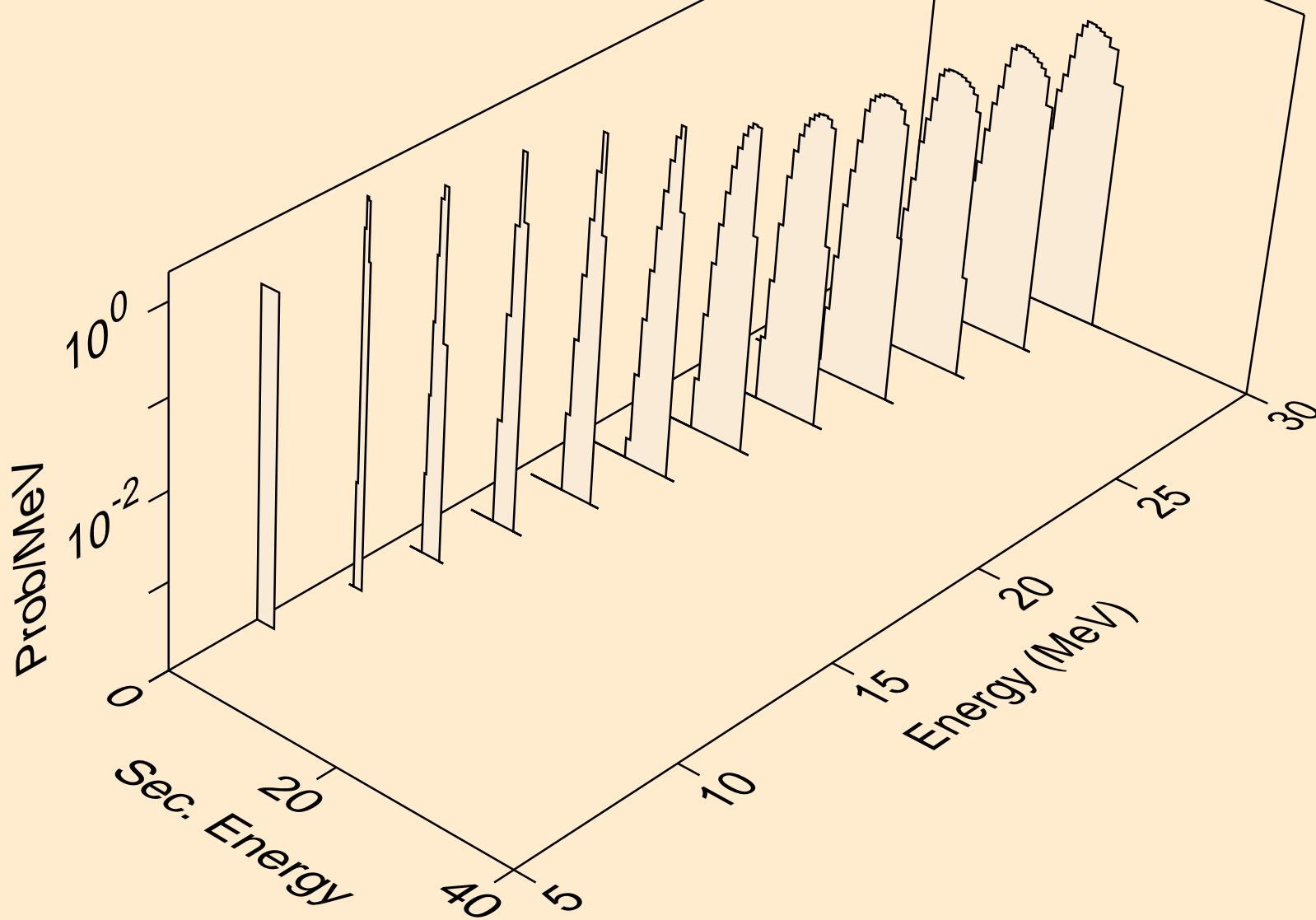
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



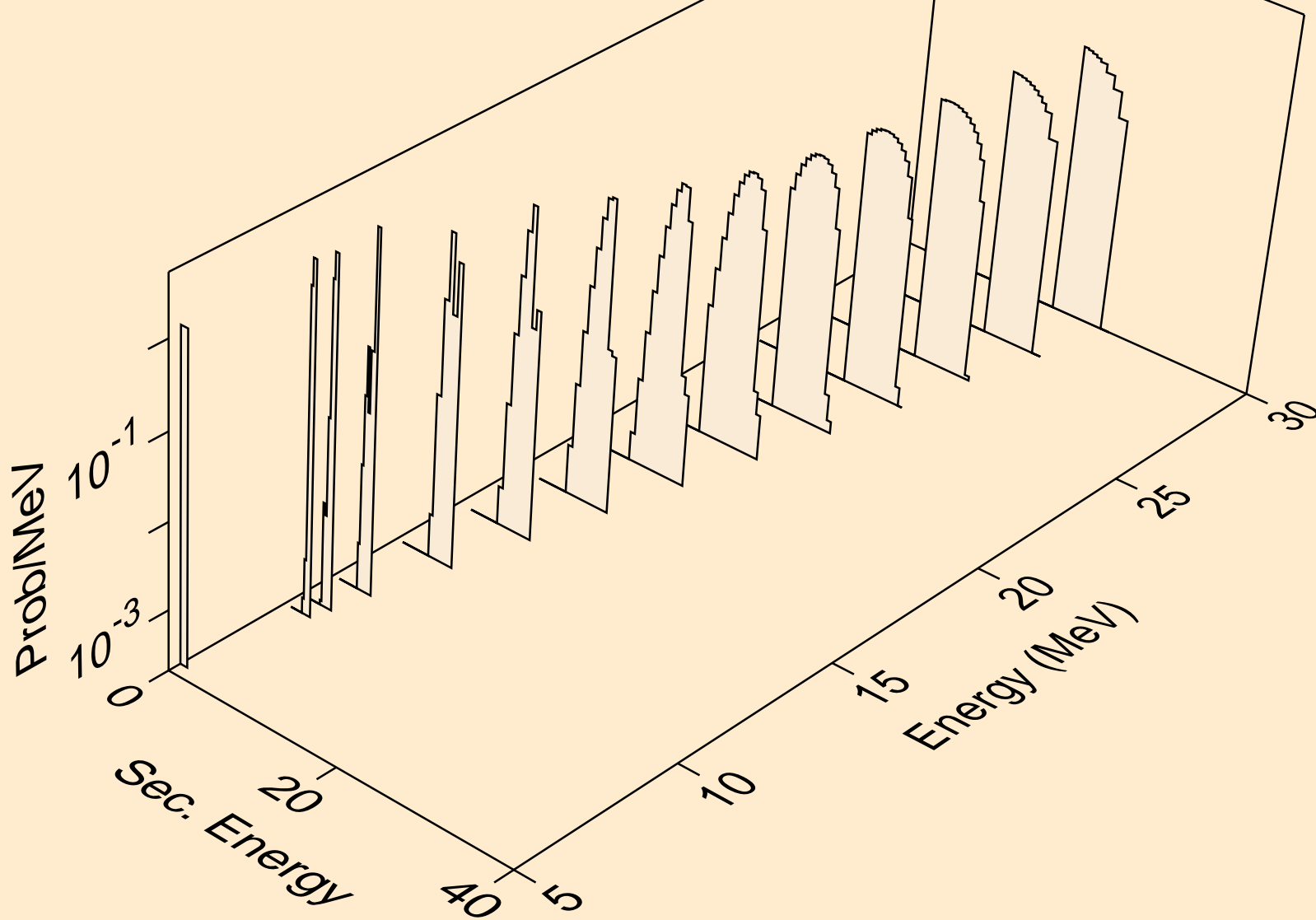
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



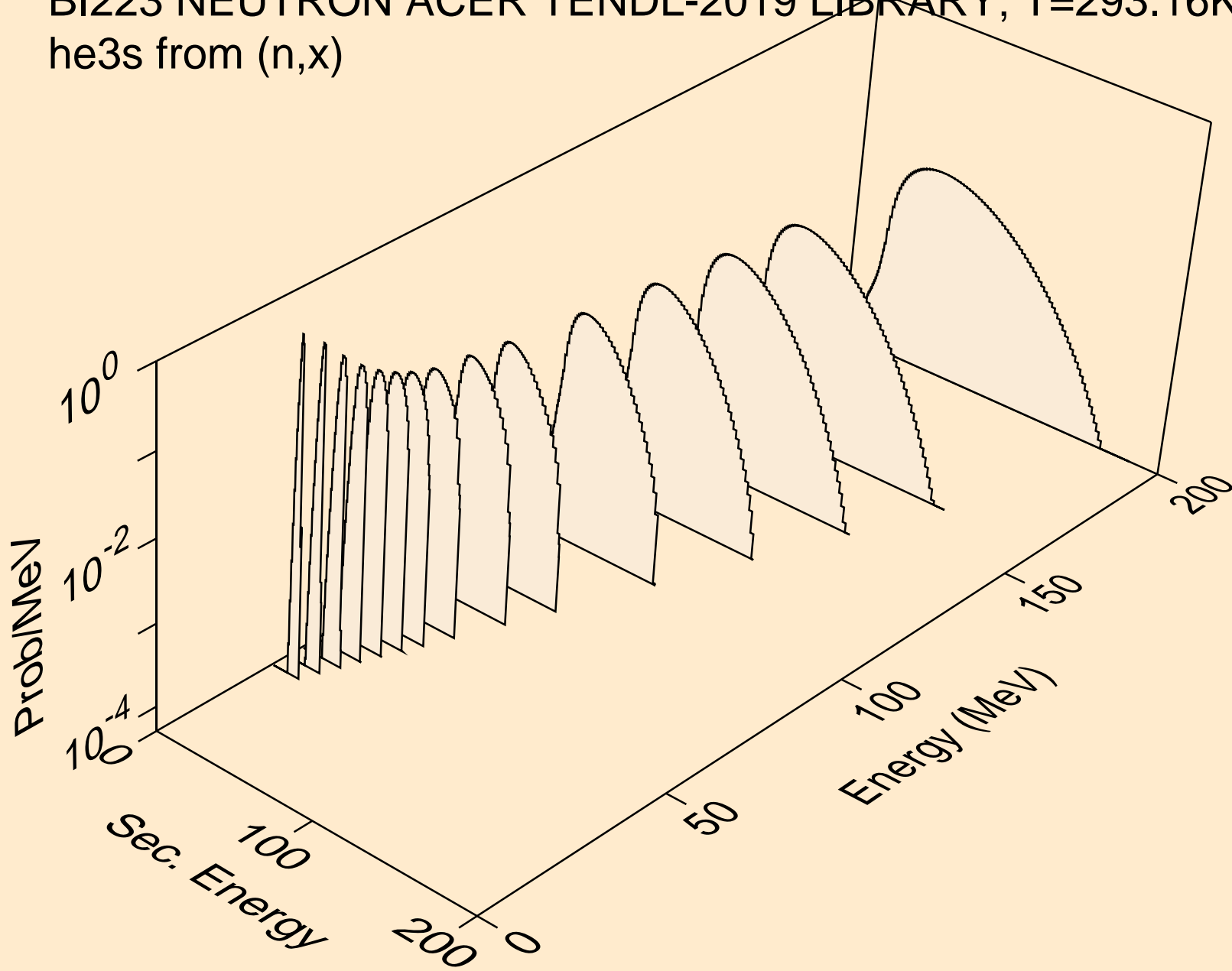
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



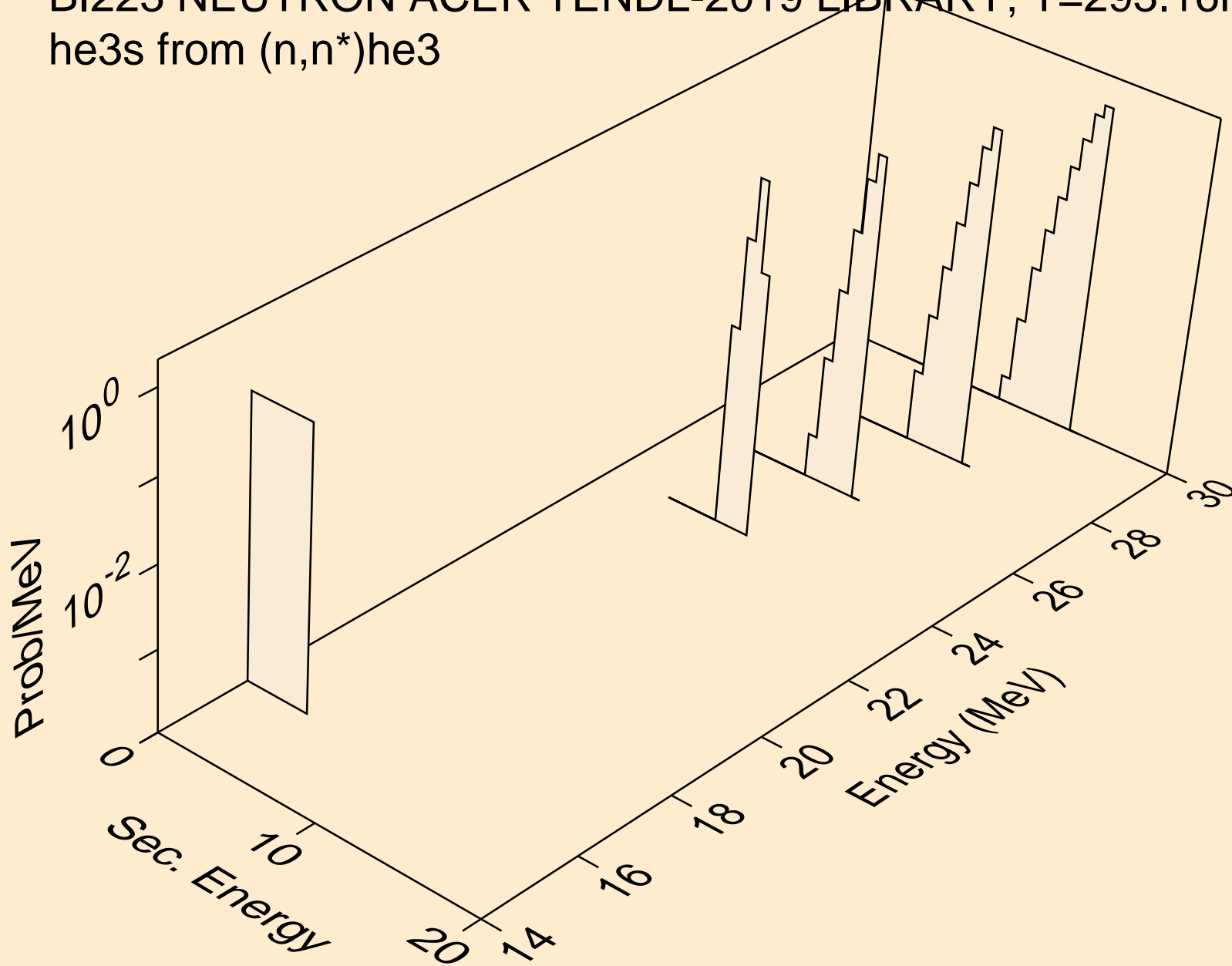
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



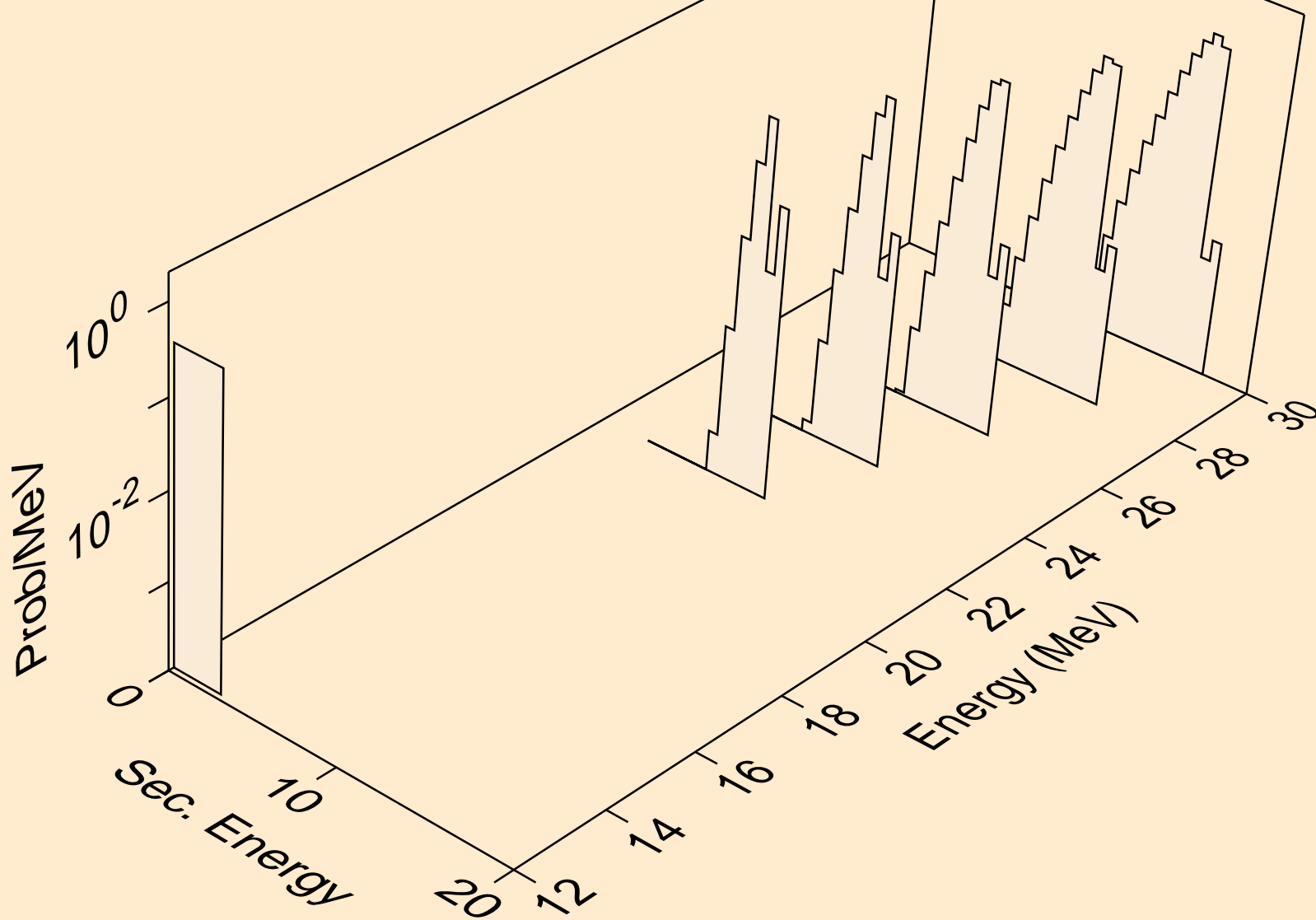
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



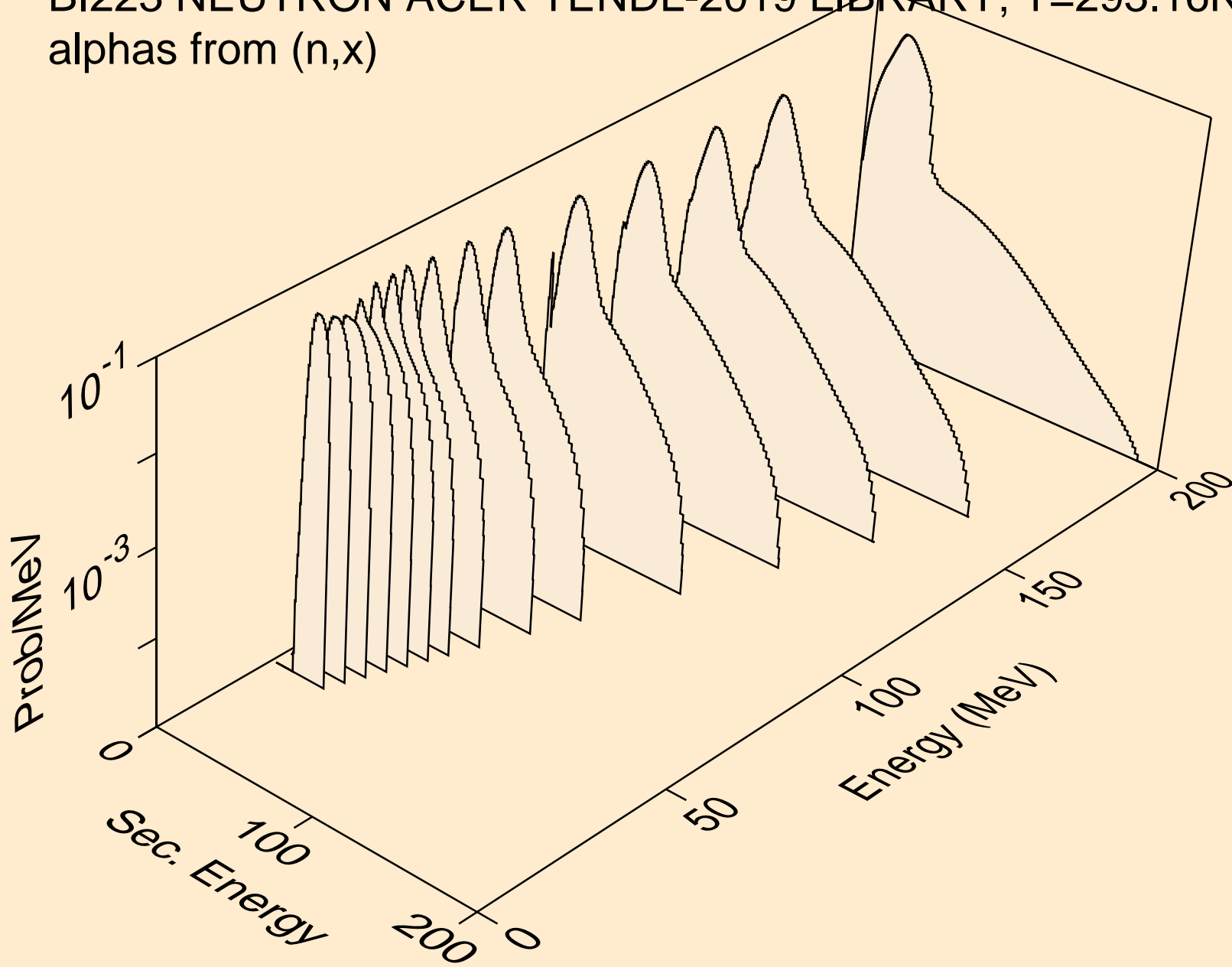
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



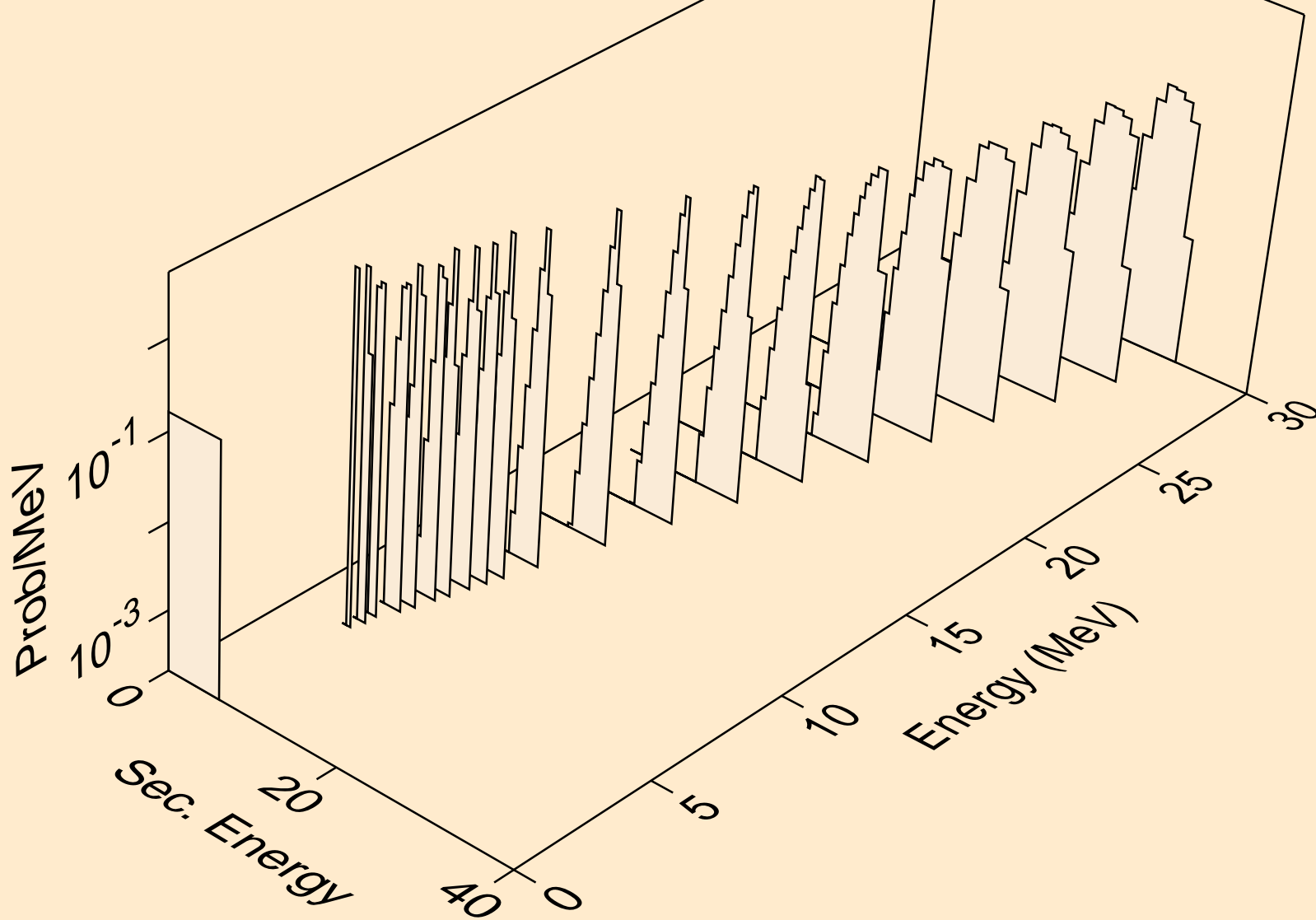
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



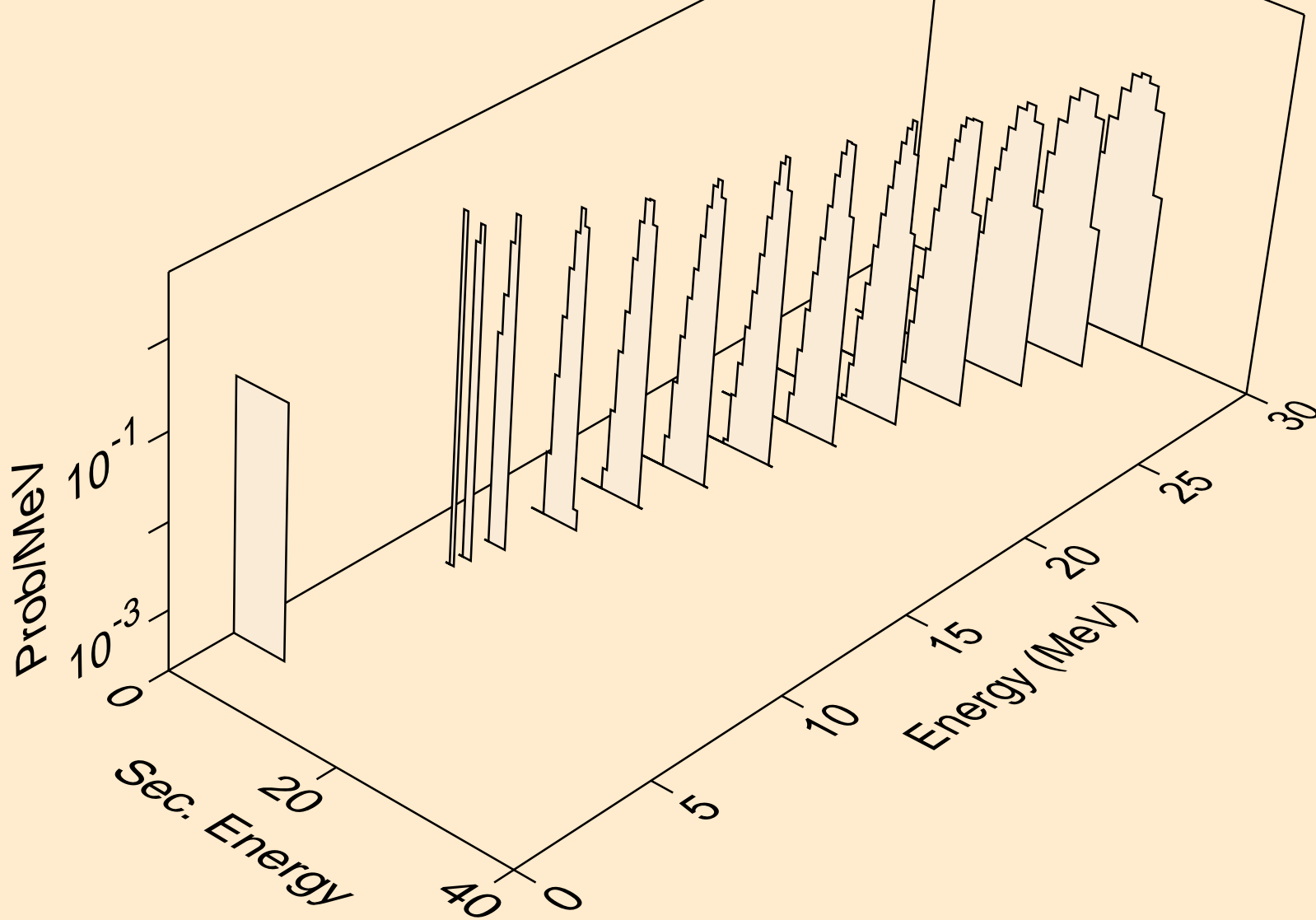
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



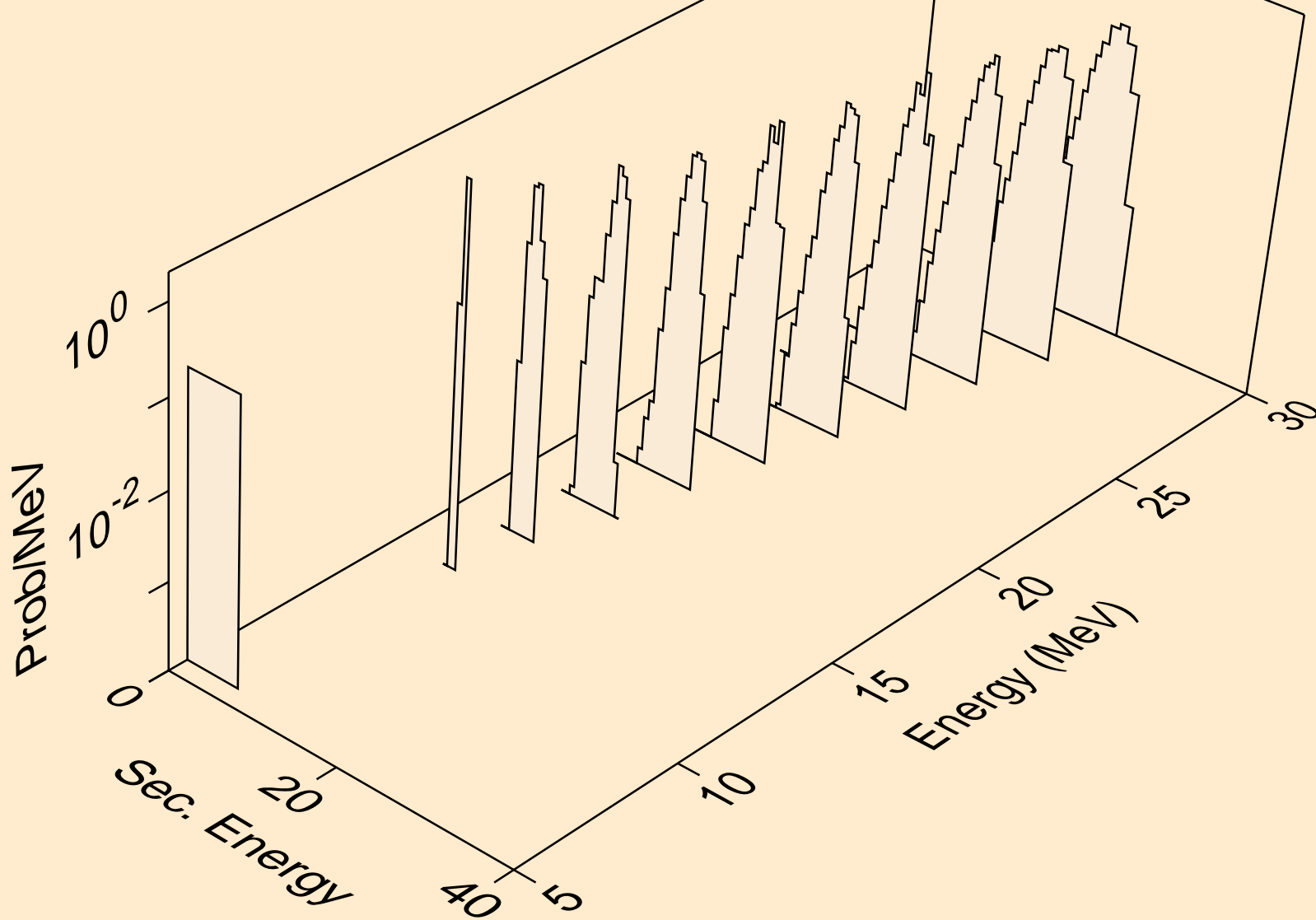
BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



BI223 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

