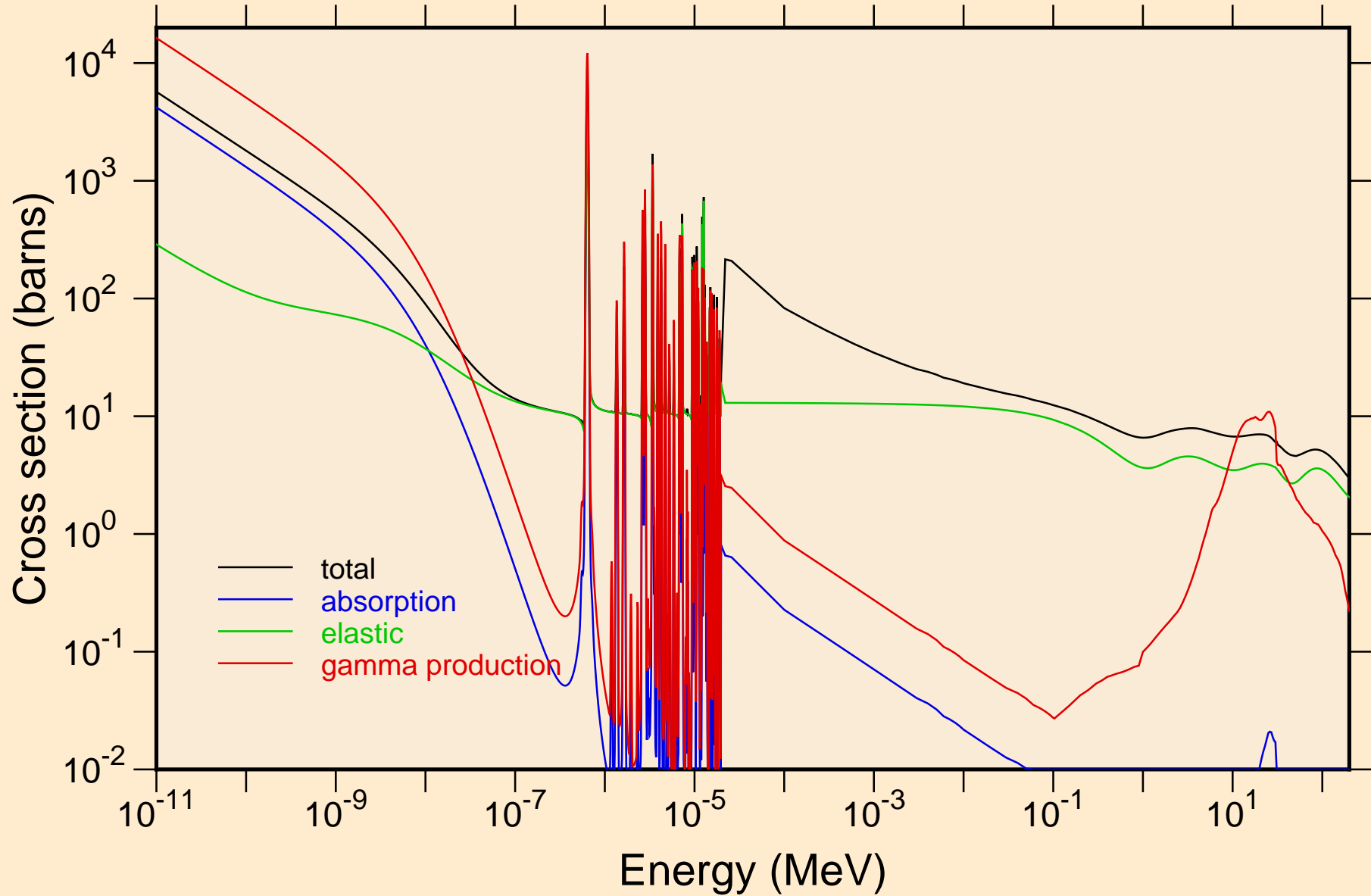
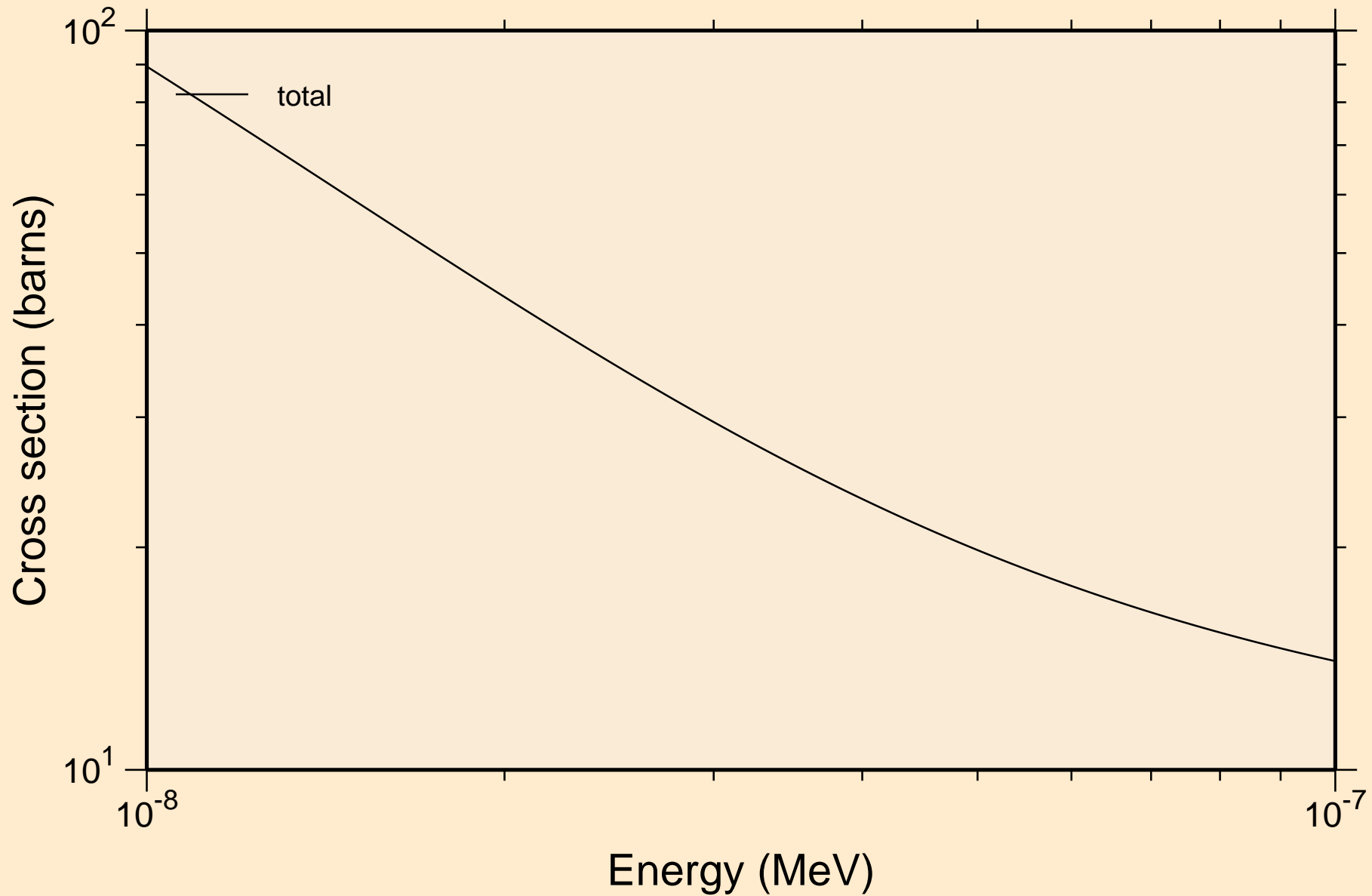


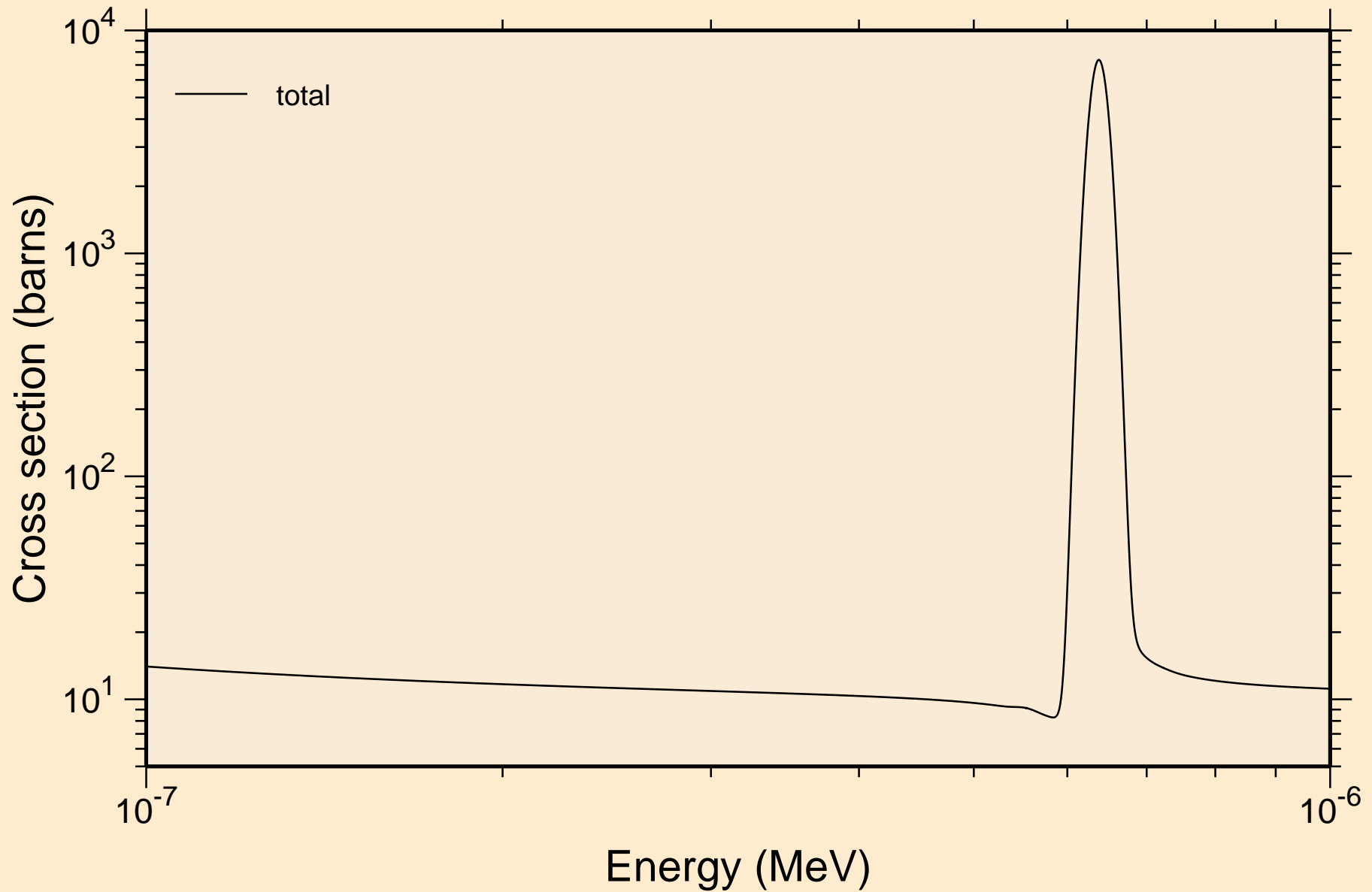
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



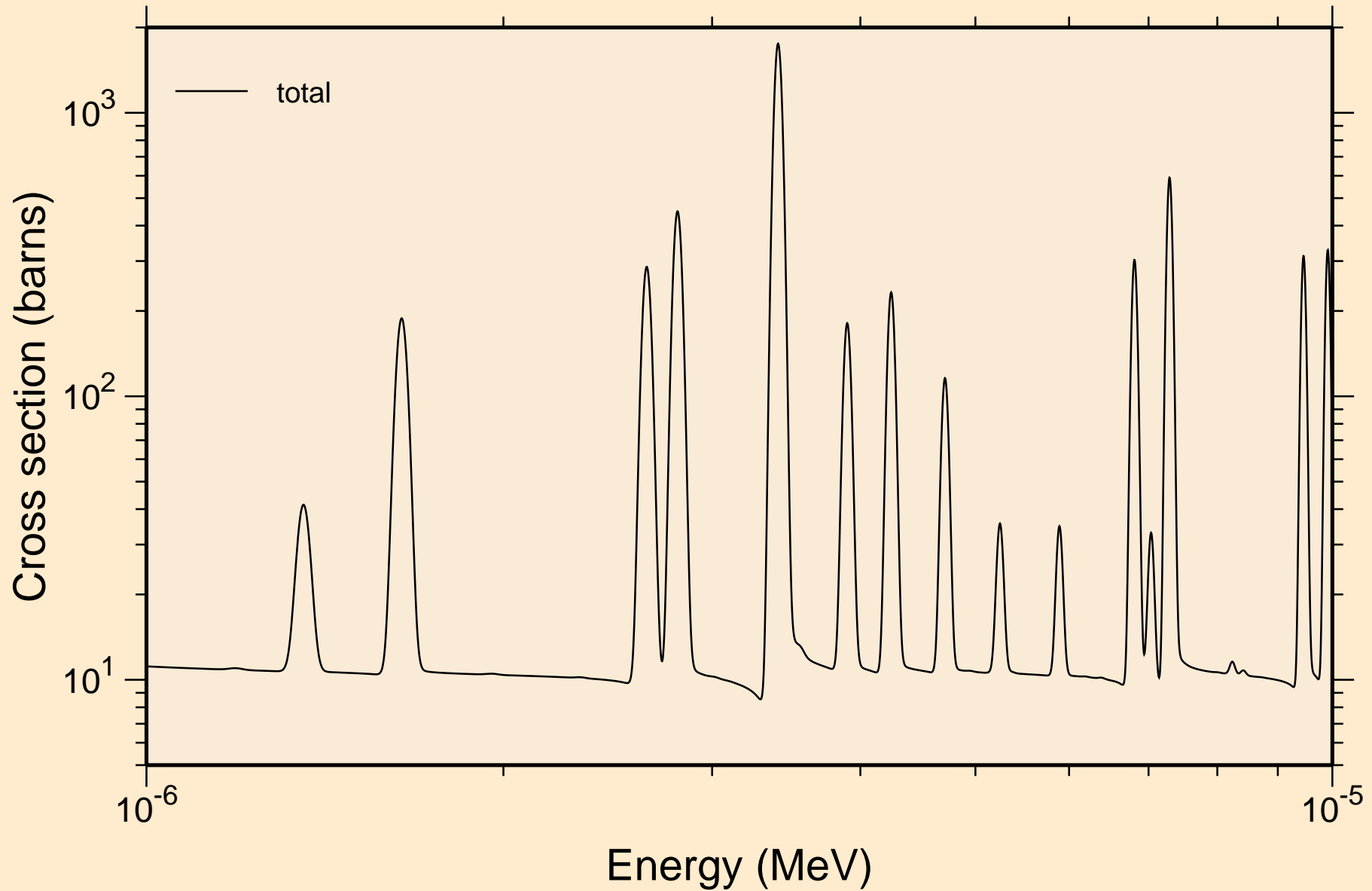
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



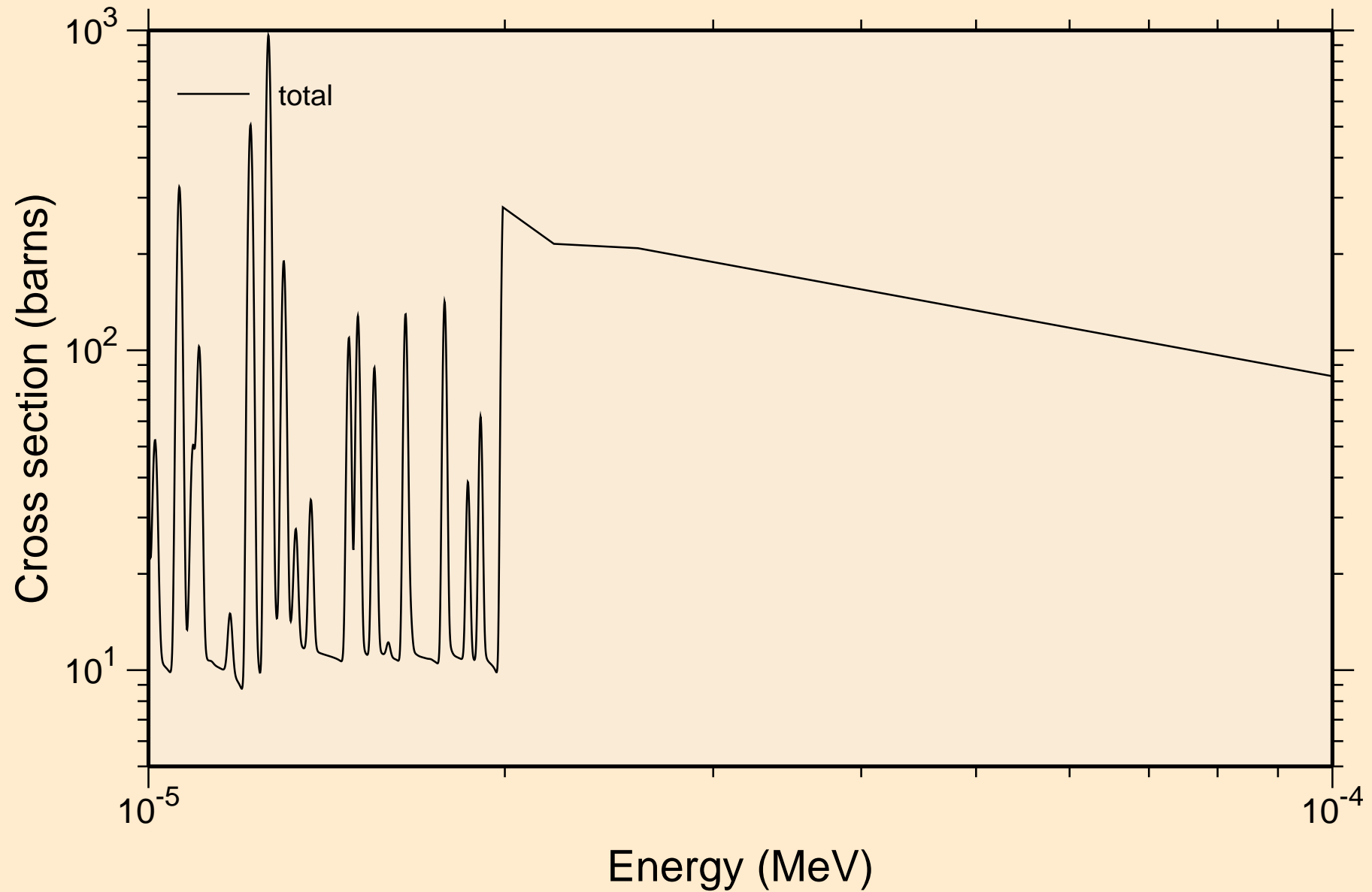
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



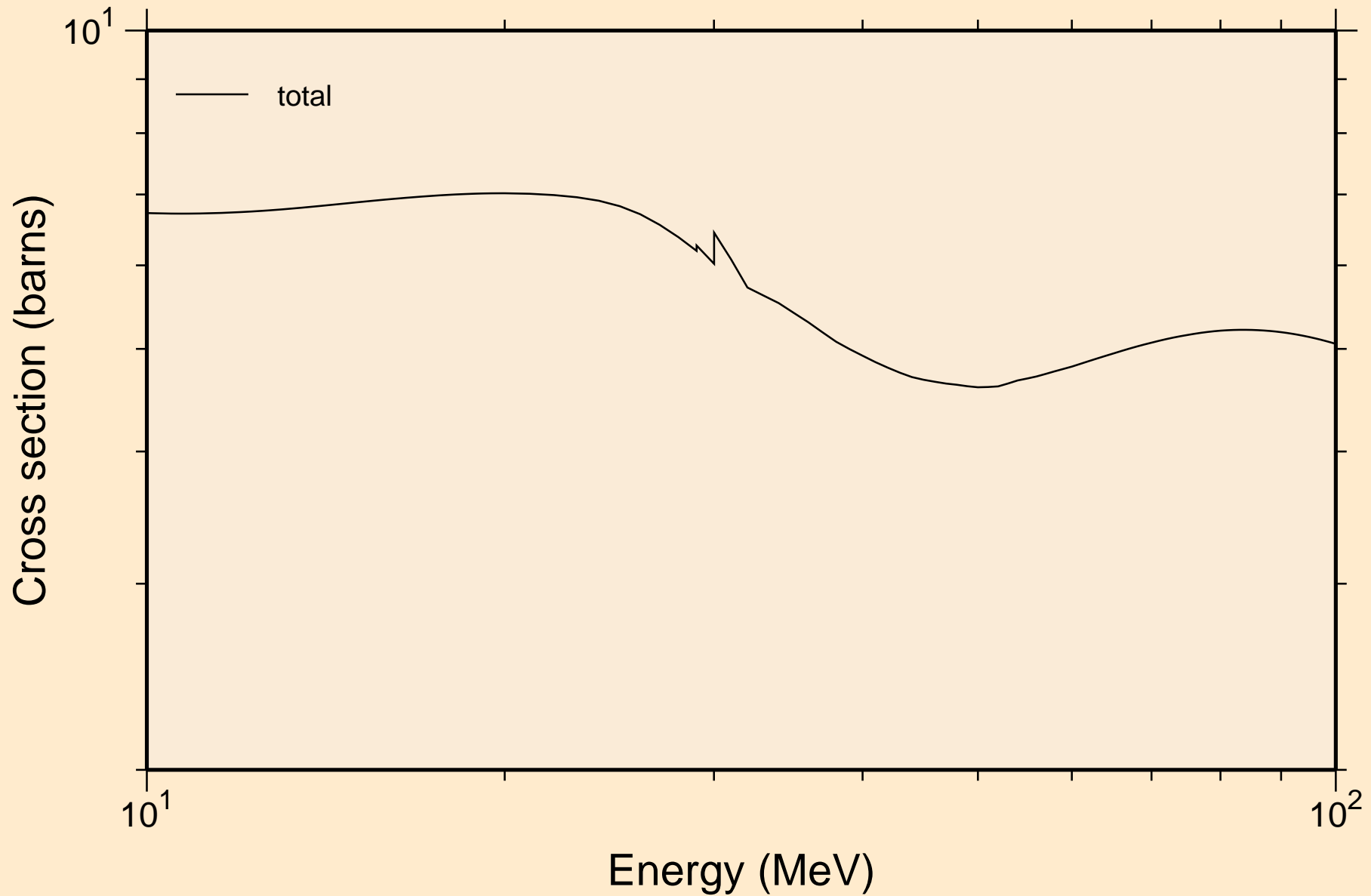
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



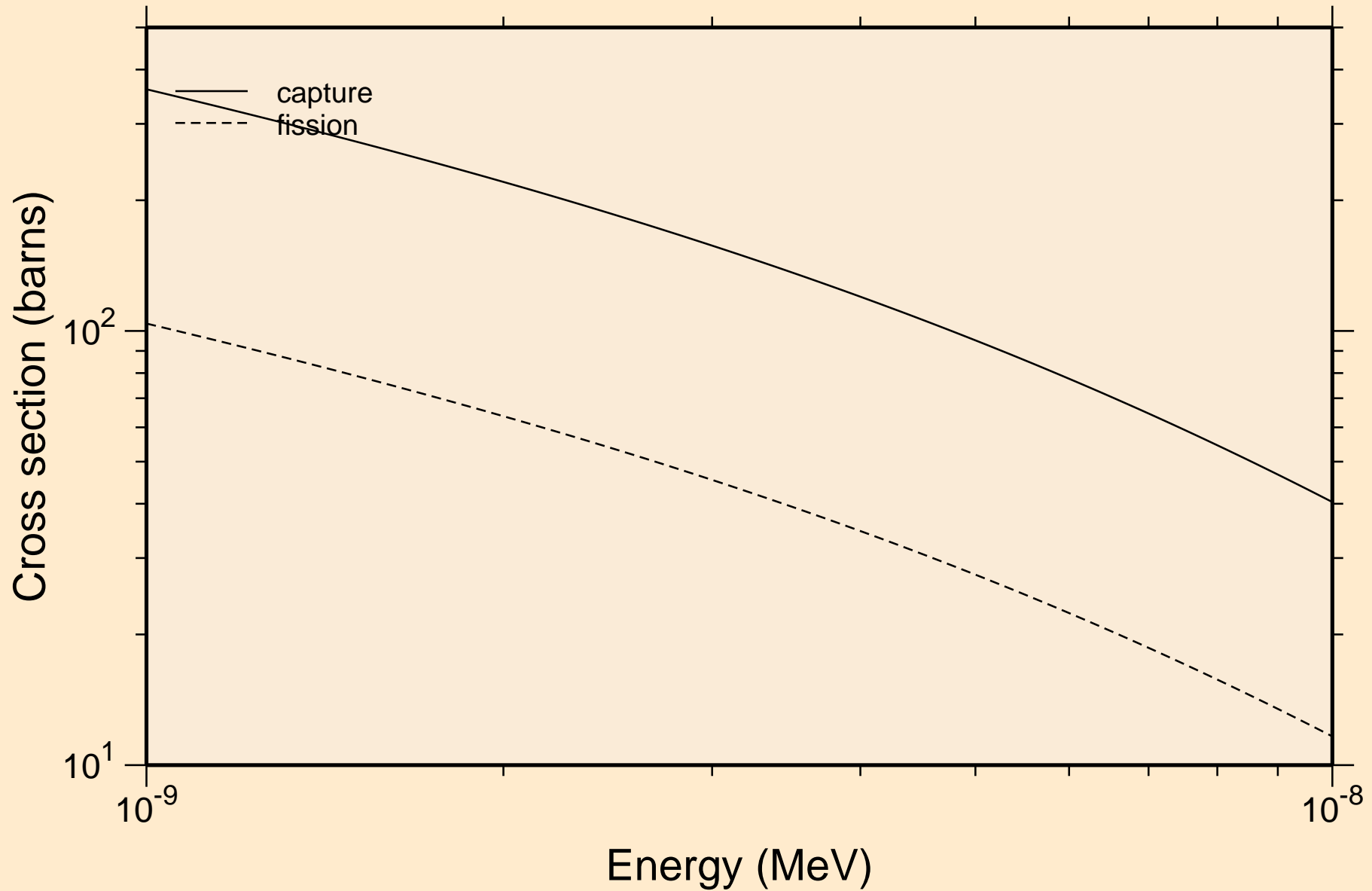
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



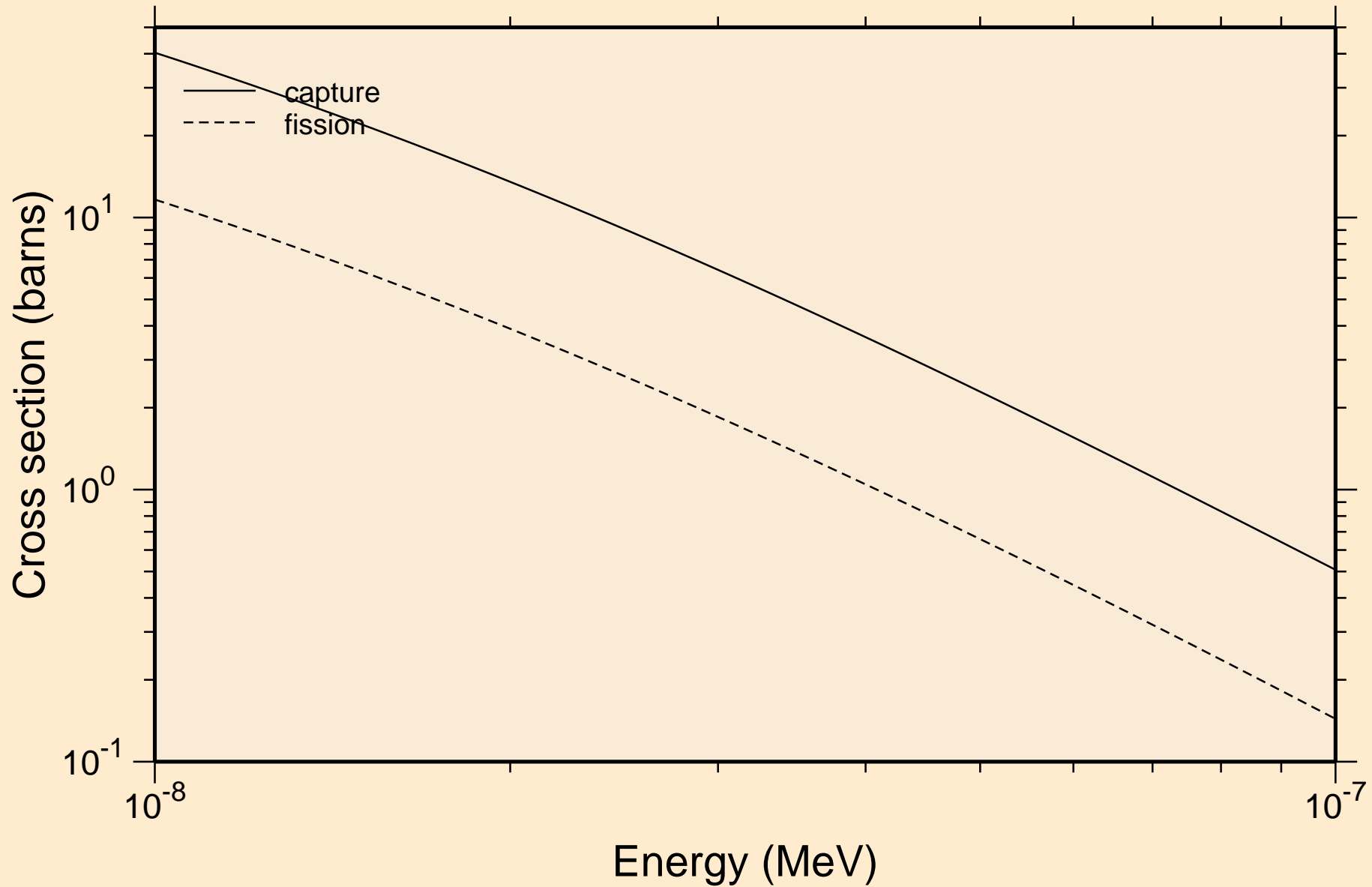
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

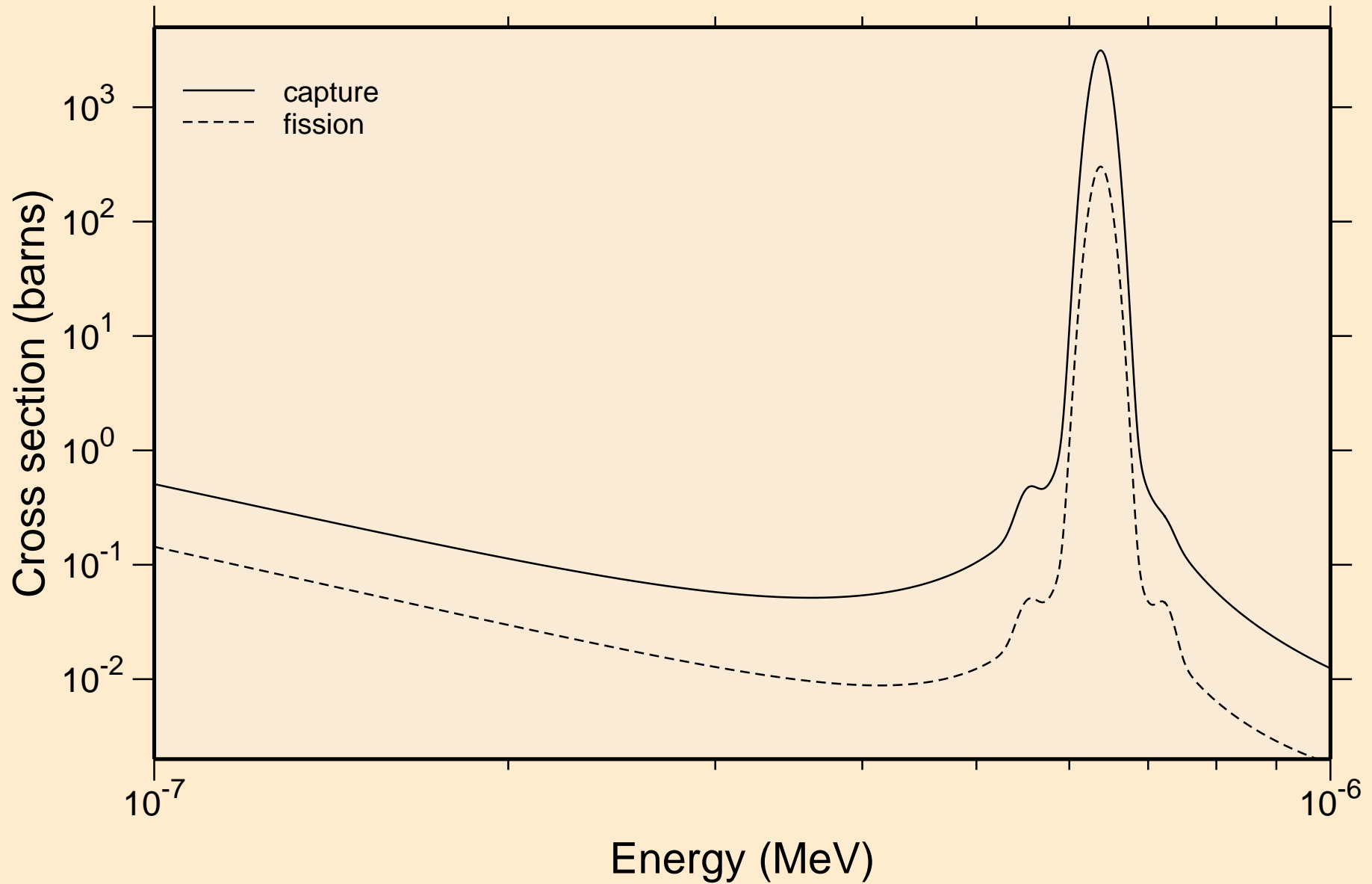


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

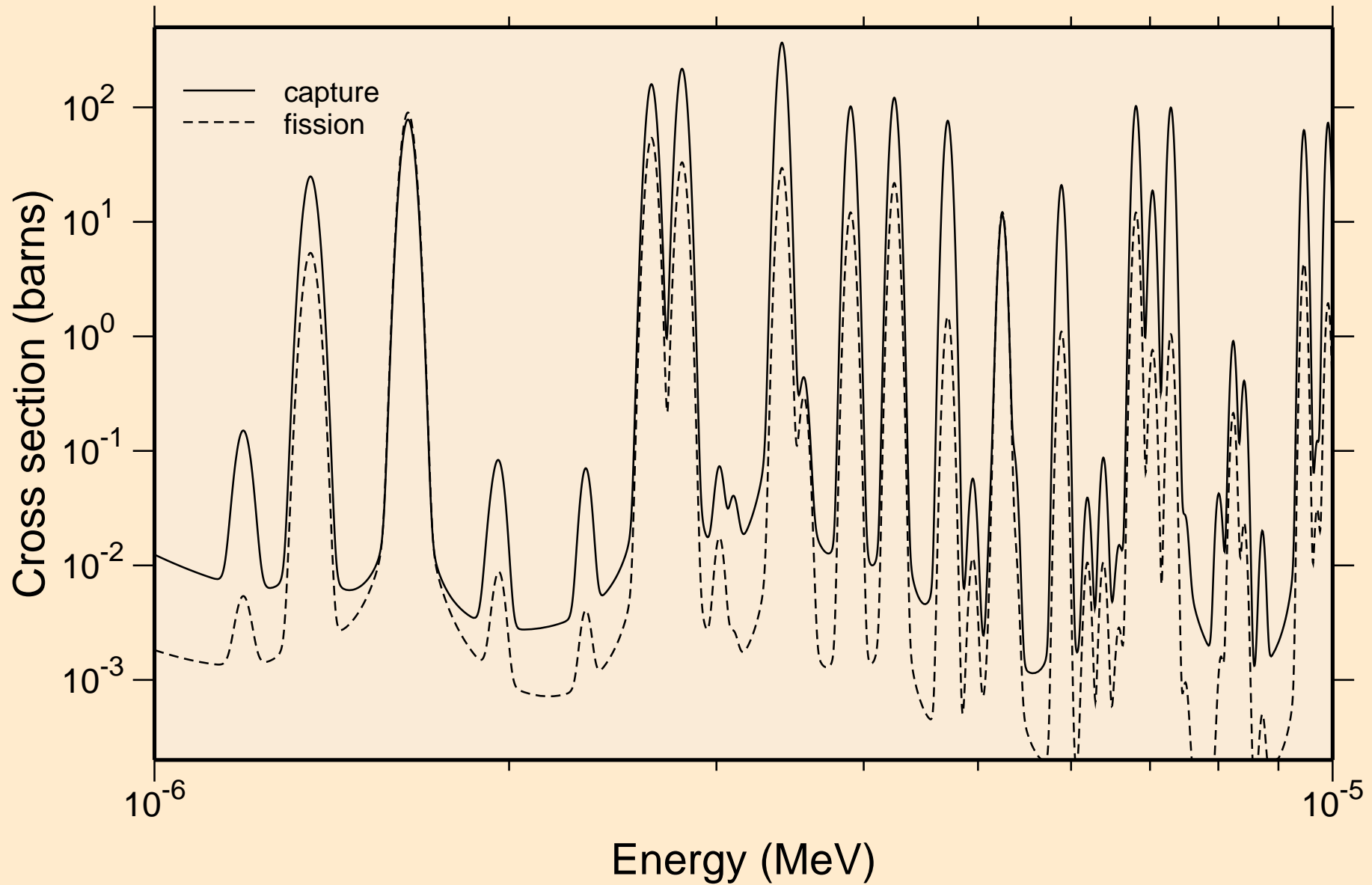




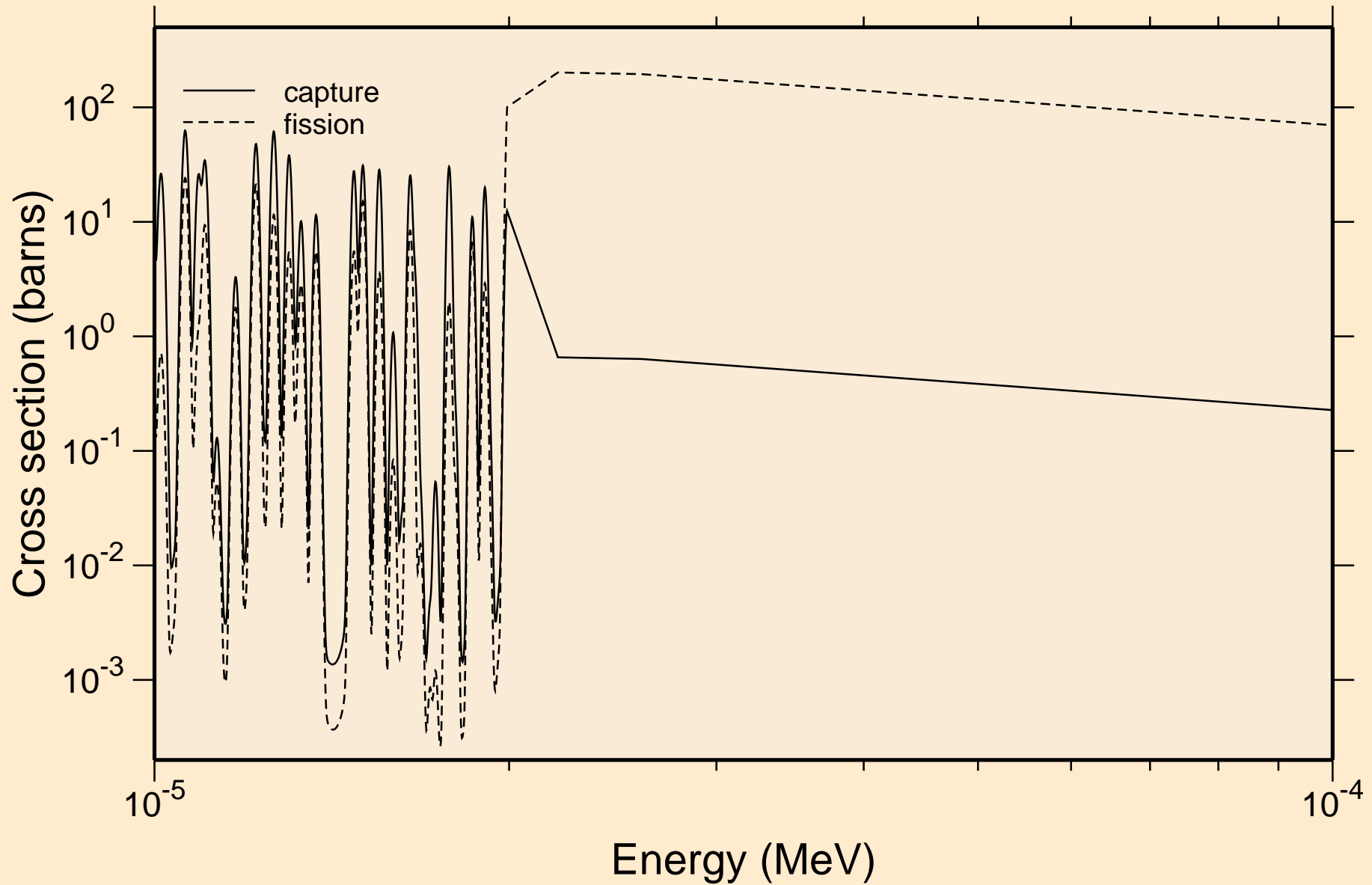
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



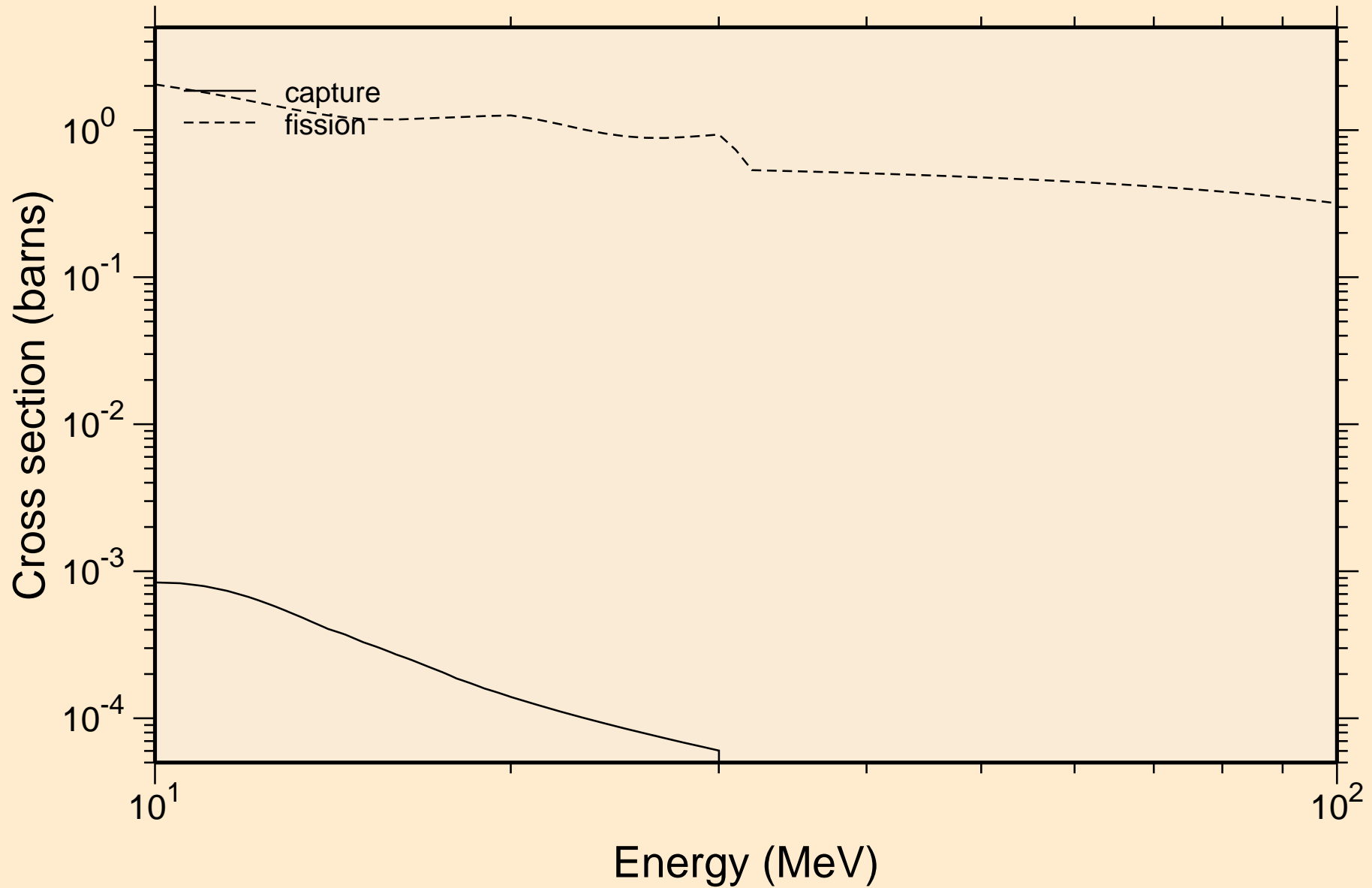
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



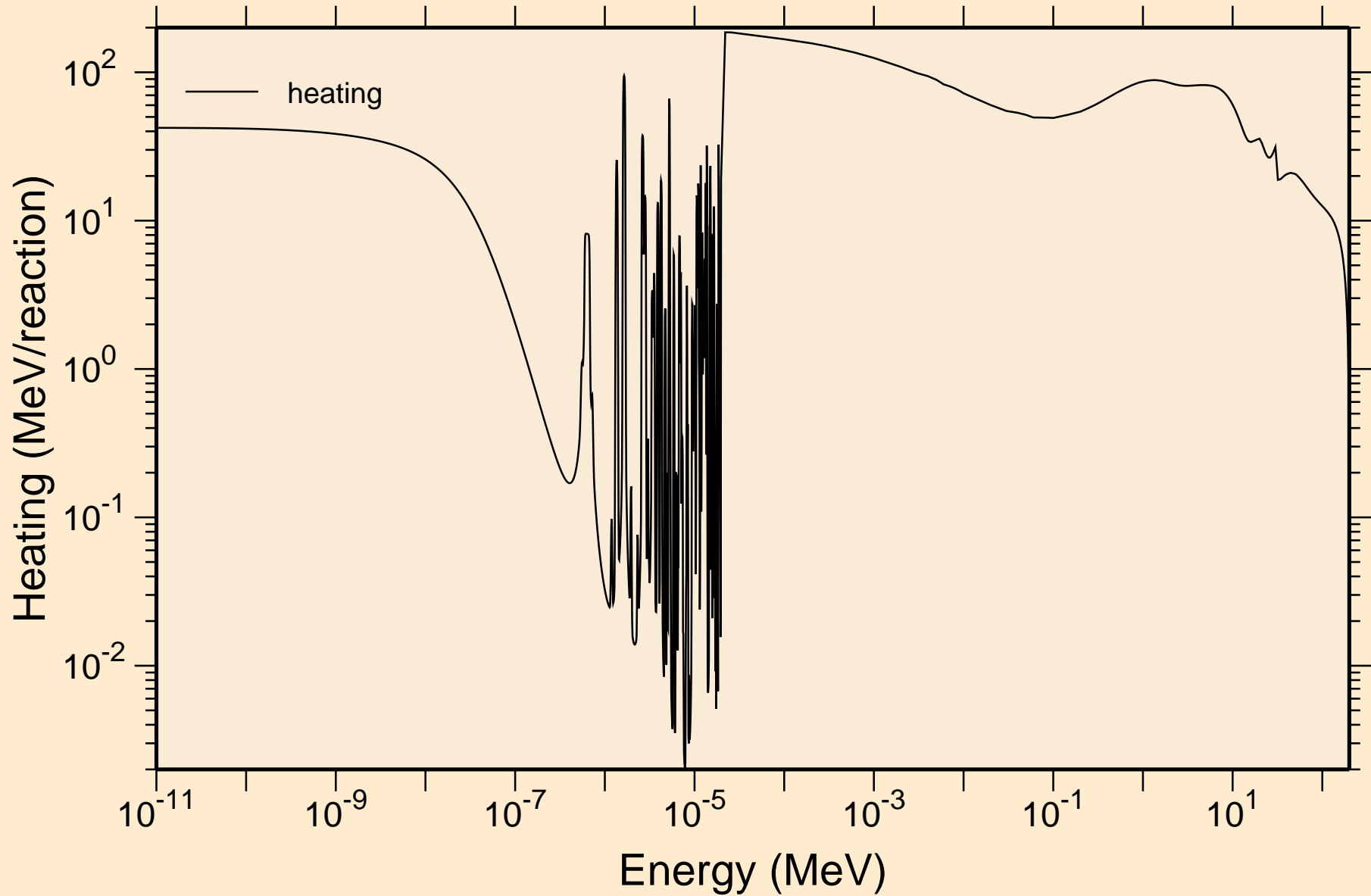
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



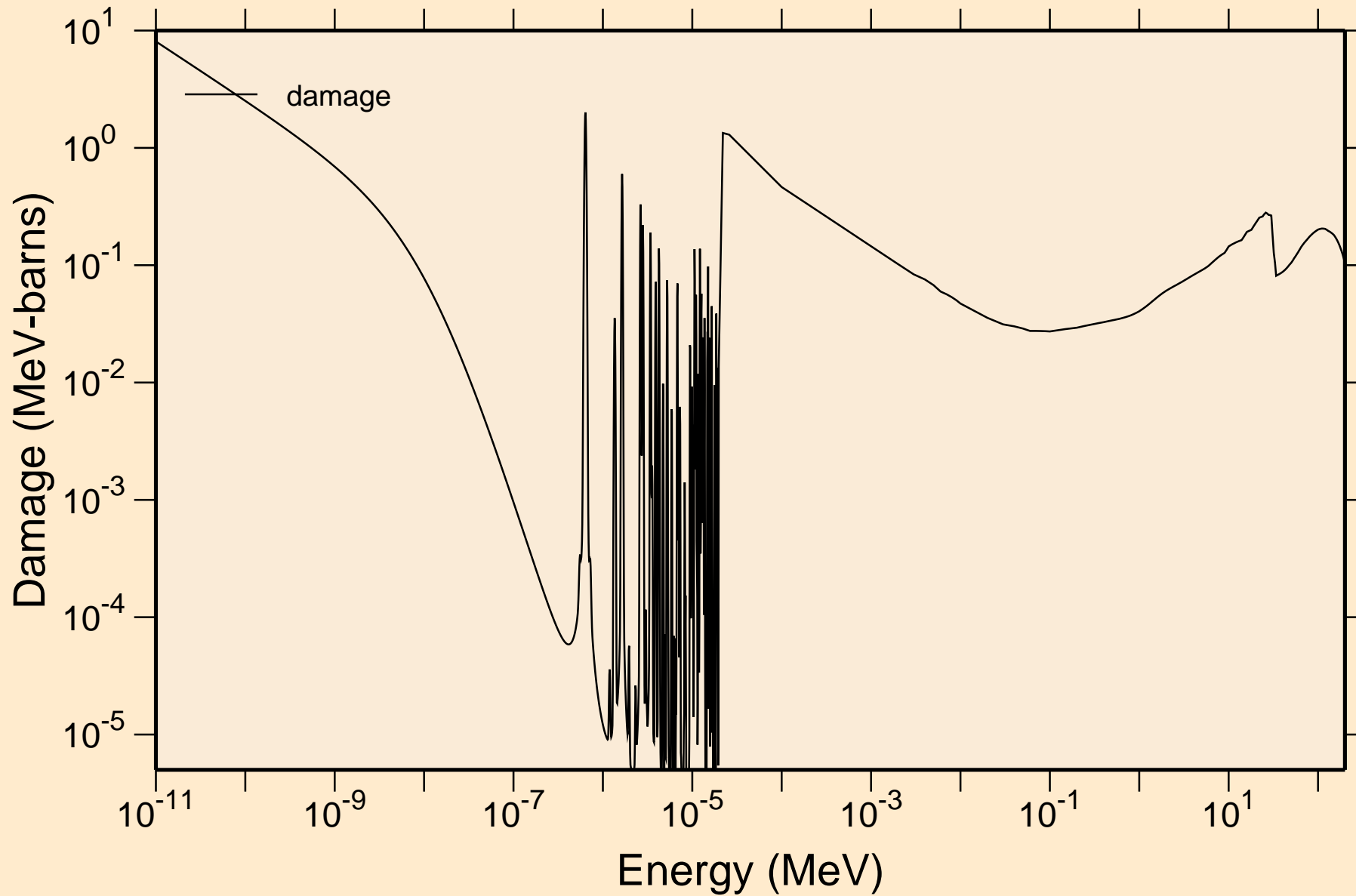
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



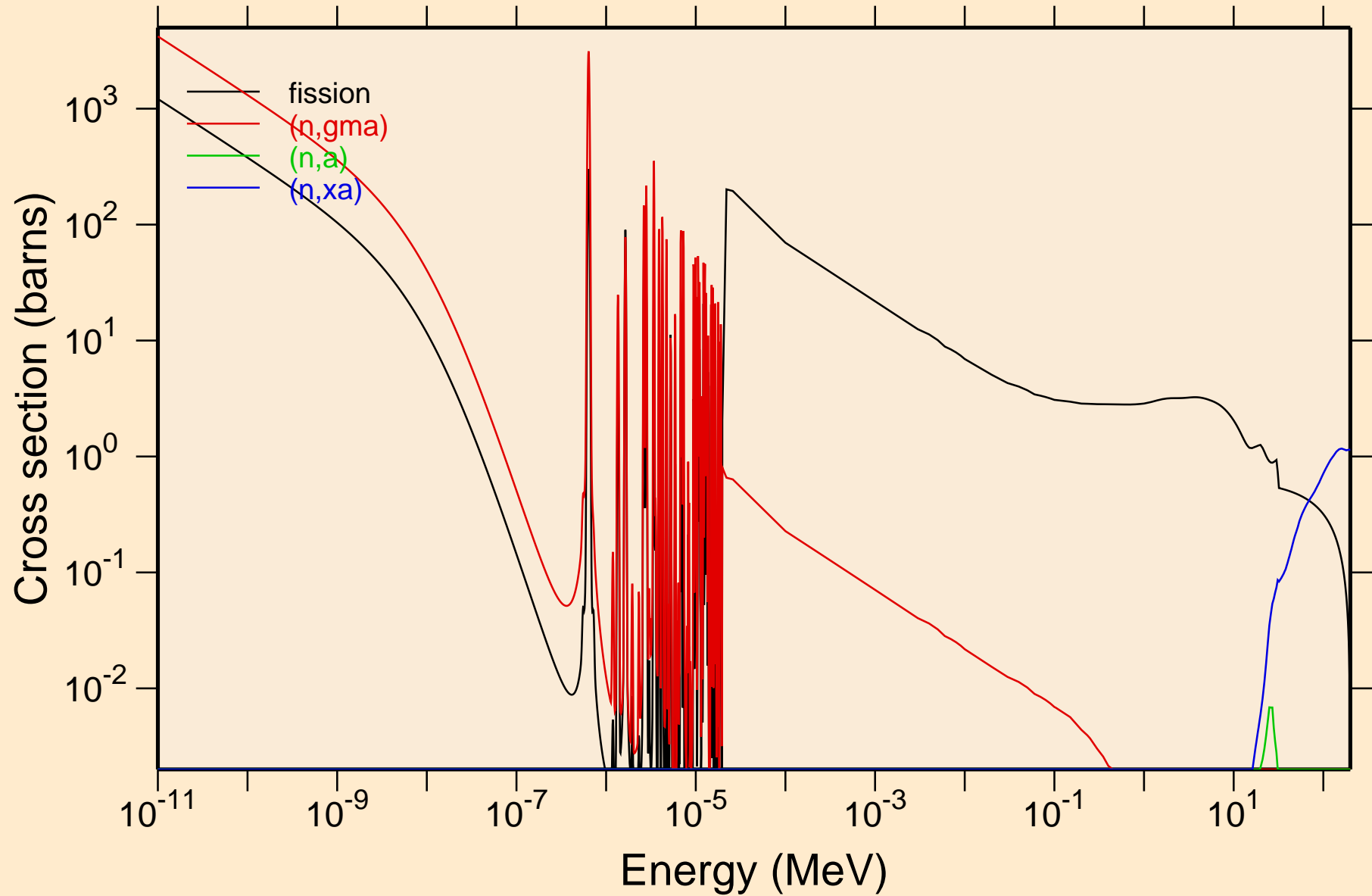
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

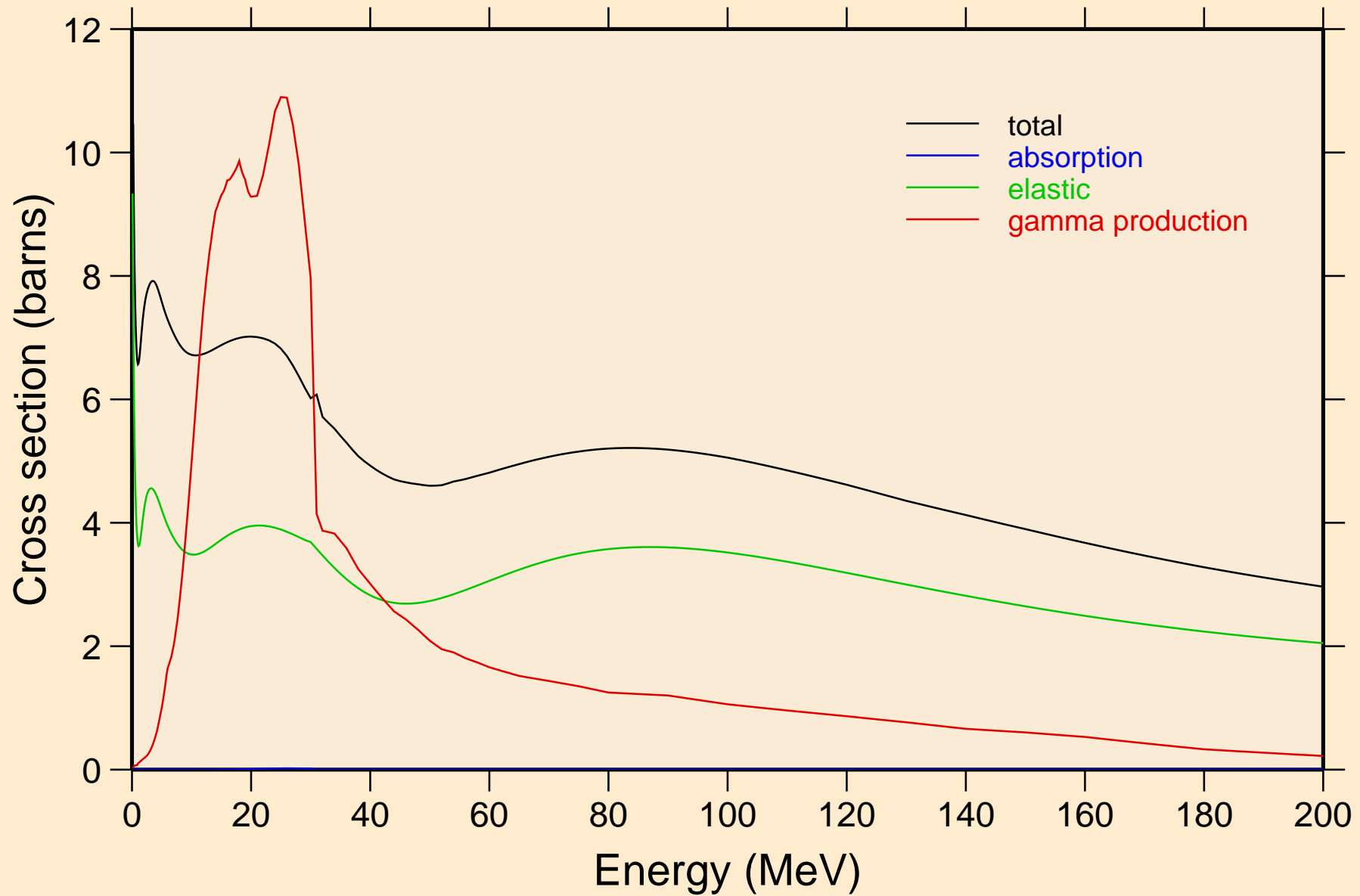


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



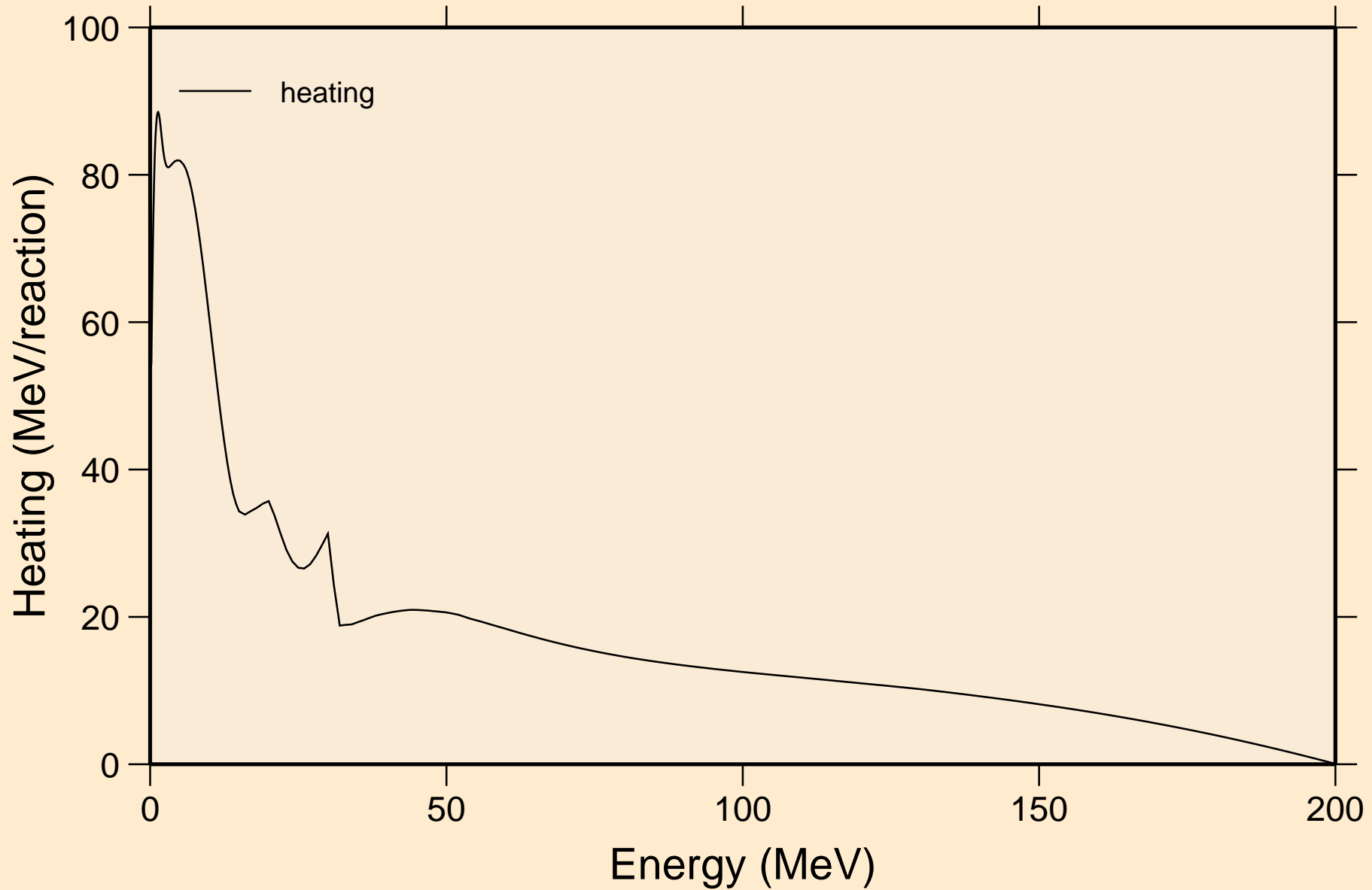
# BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

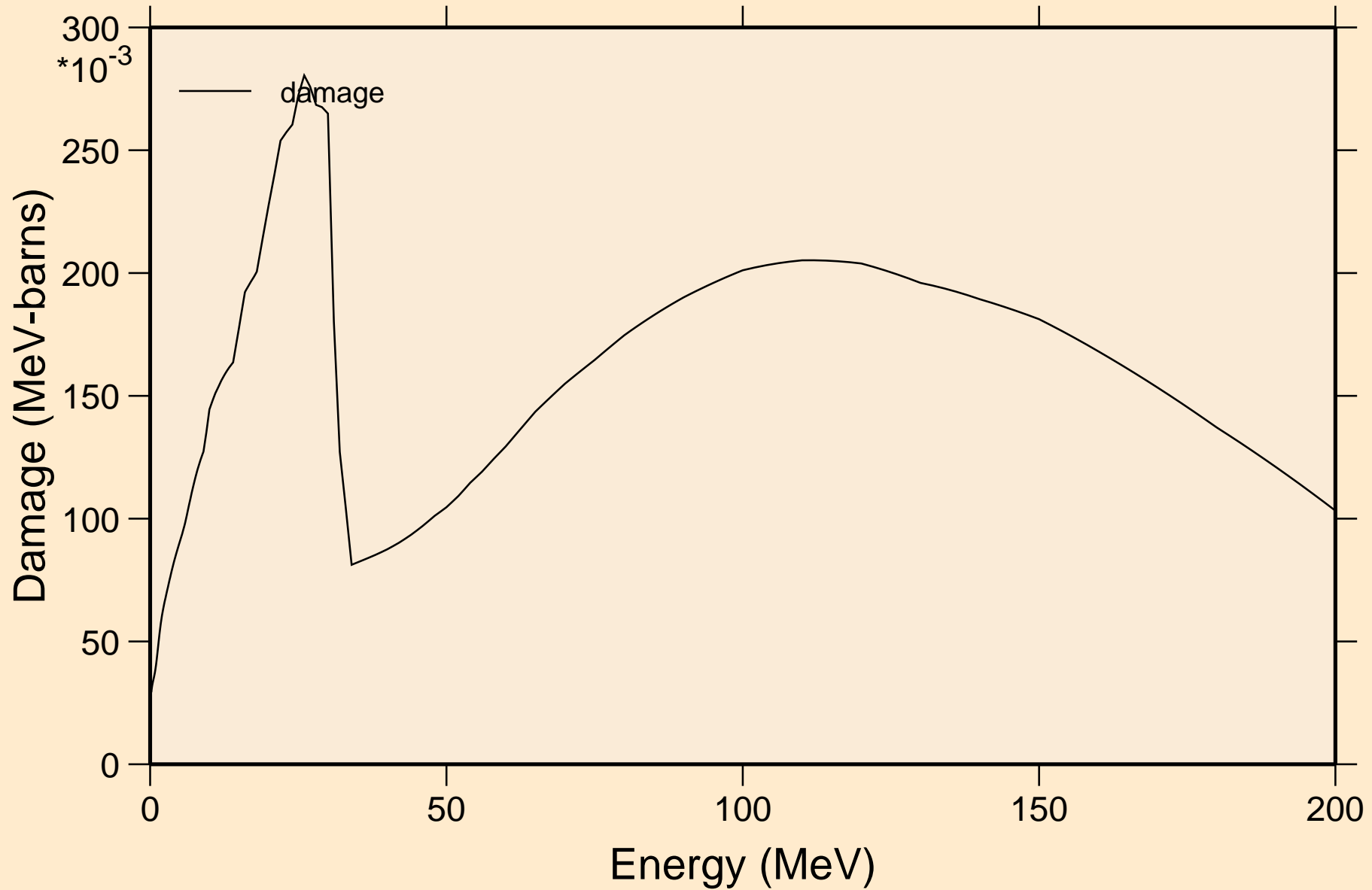




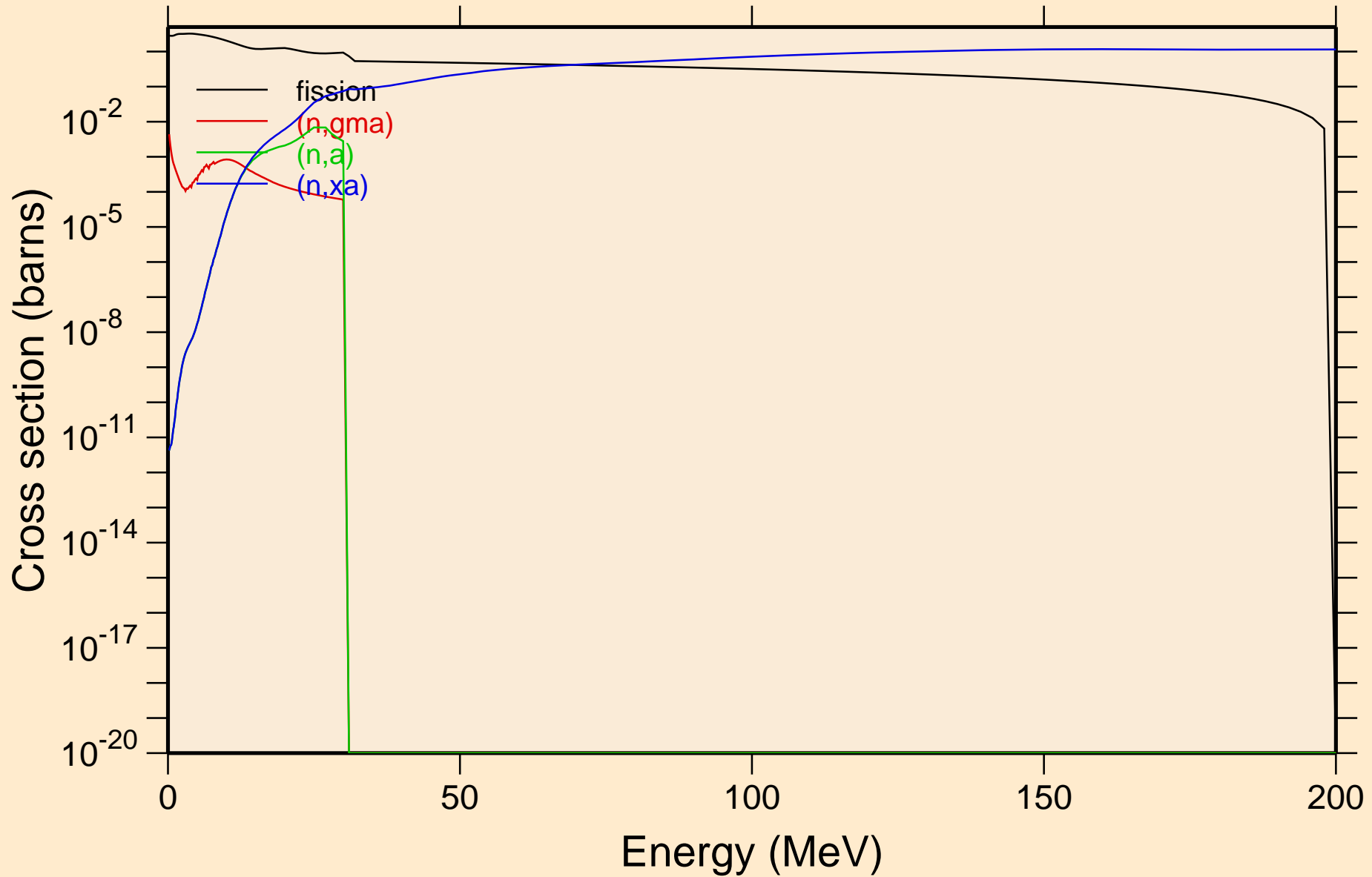
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



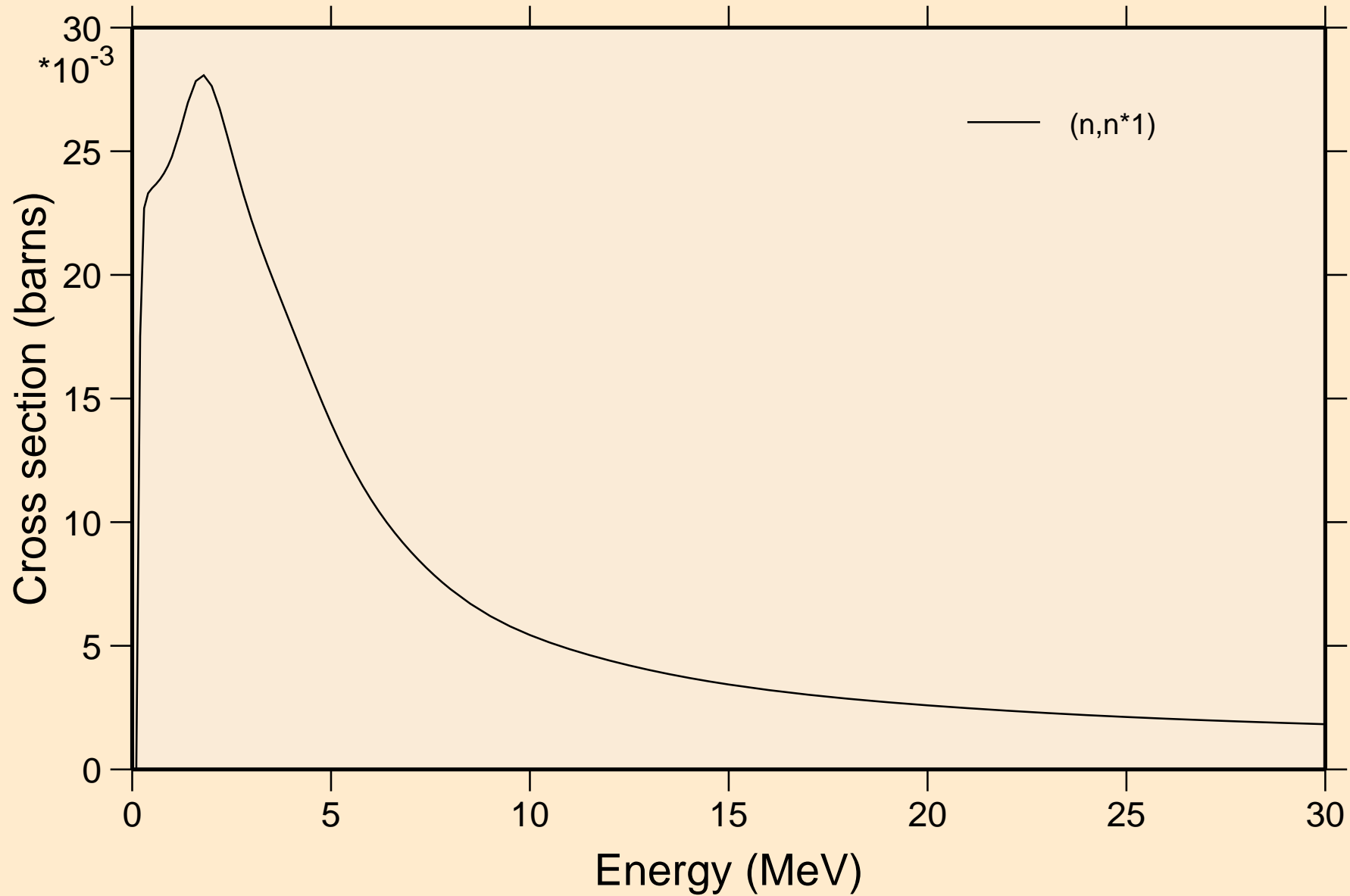
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



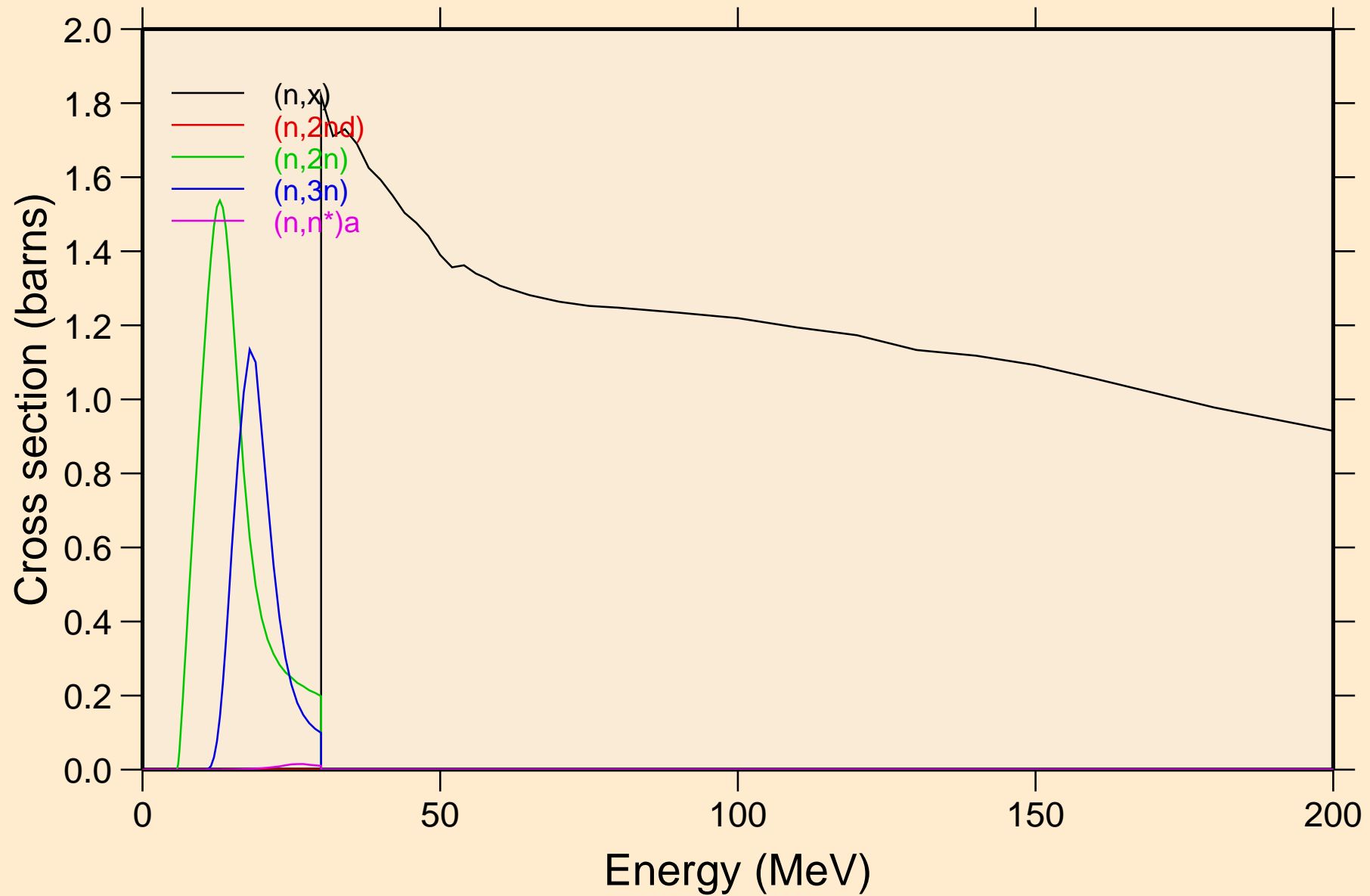
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



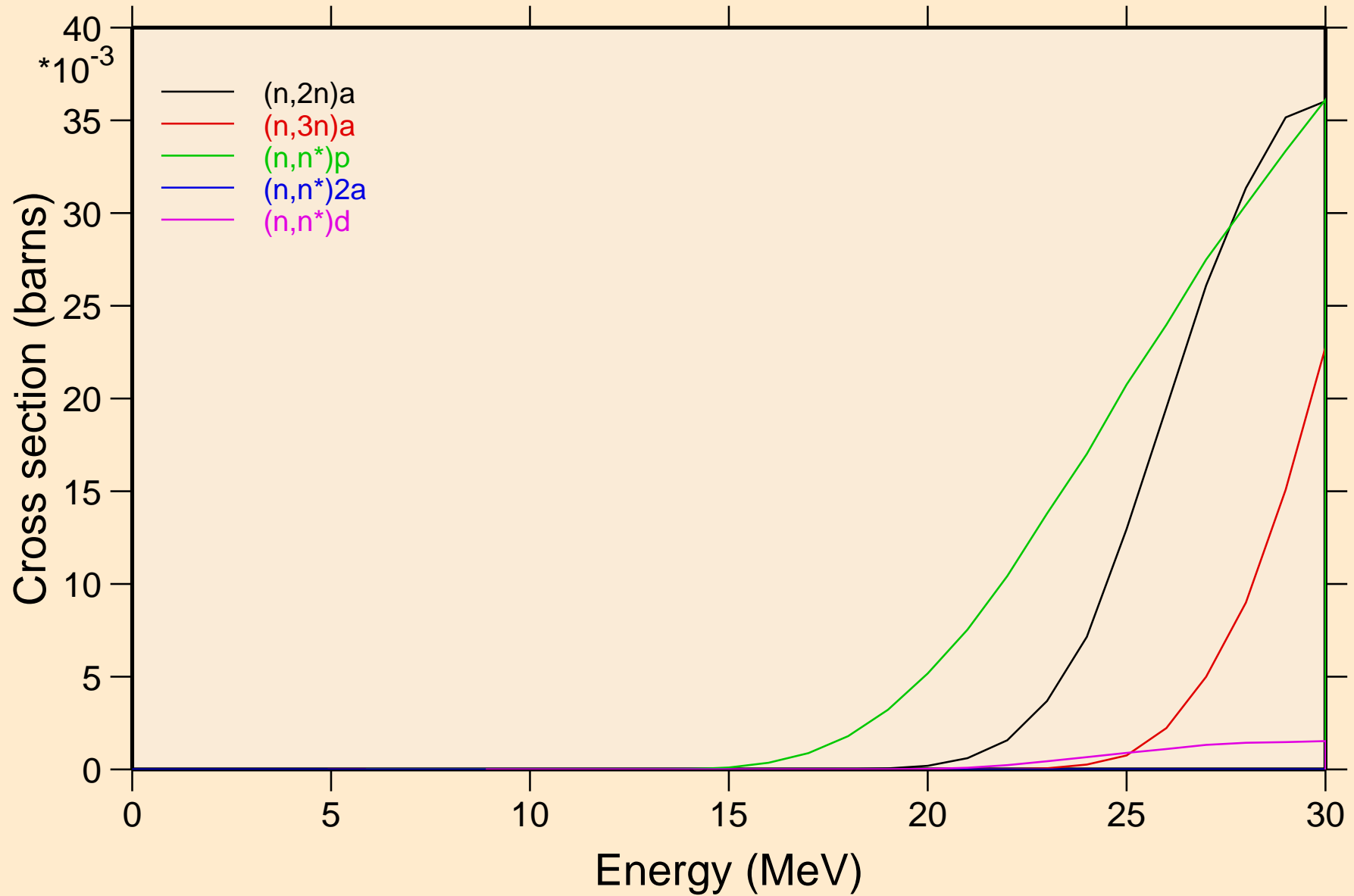
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



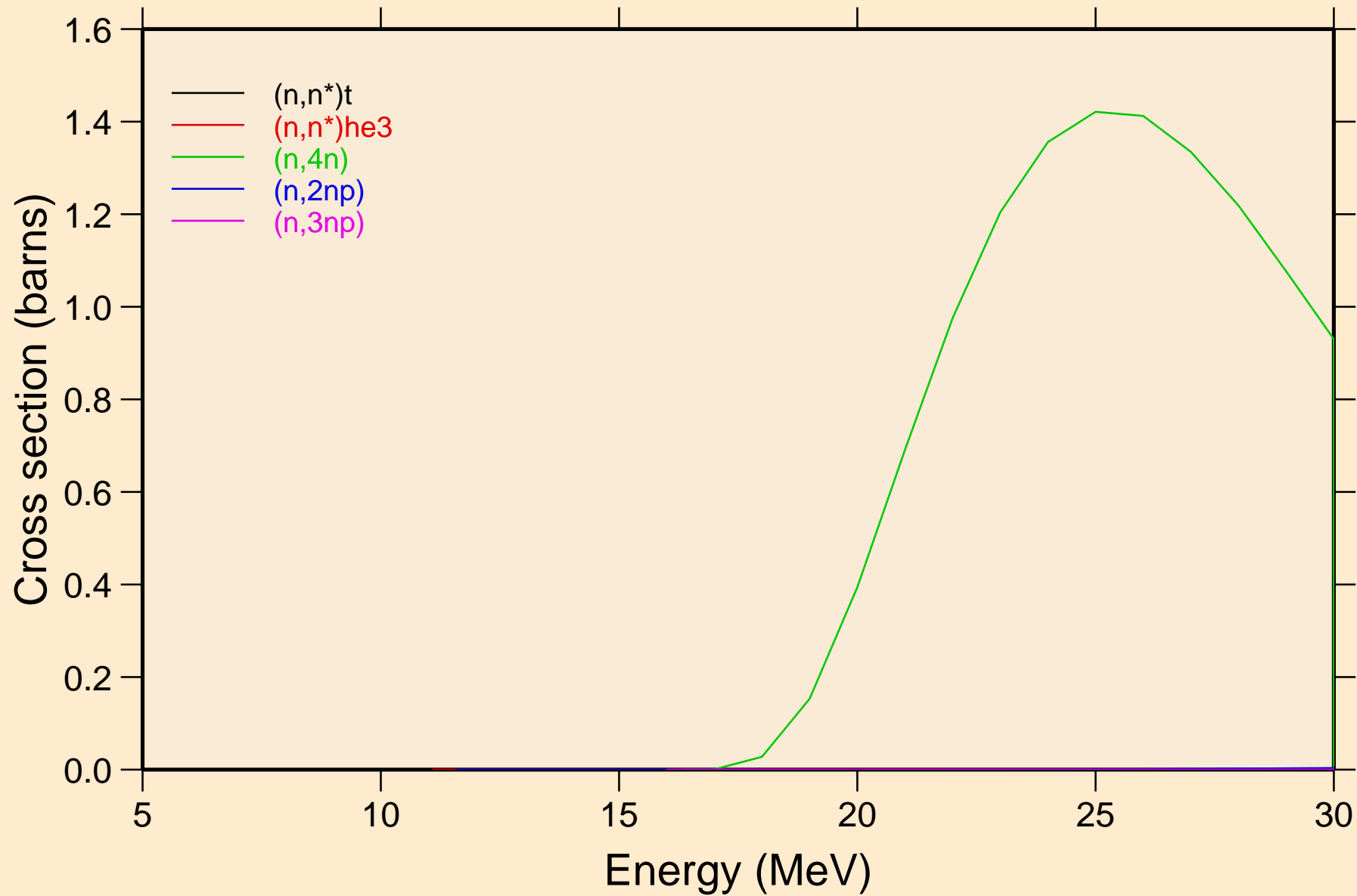
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

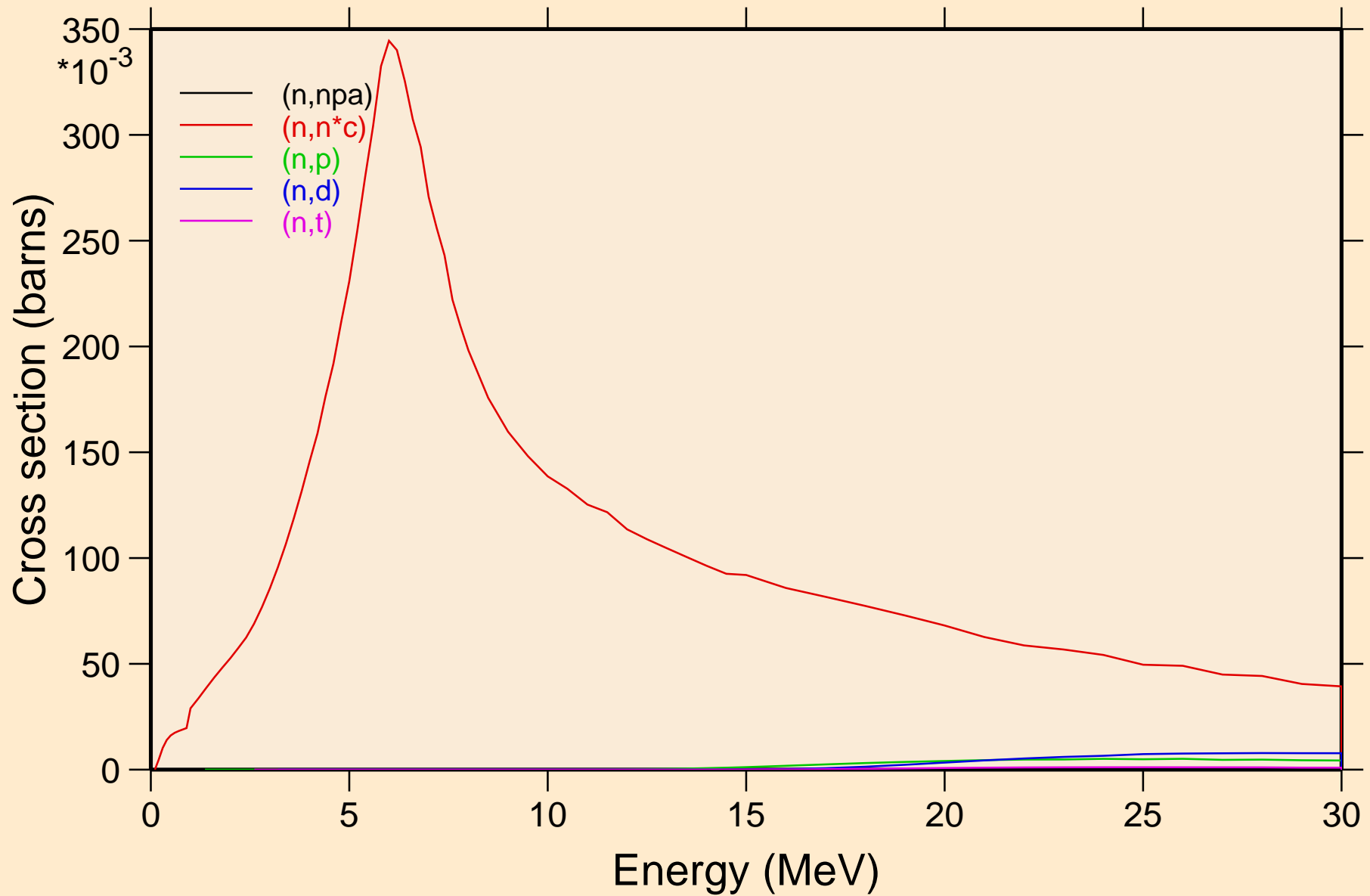


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



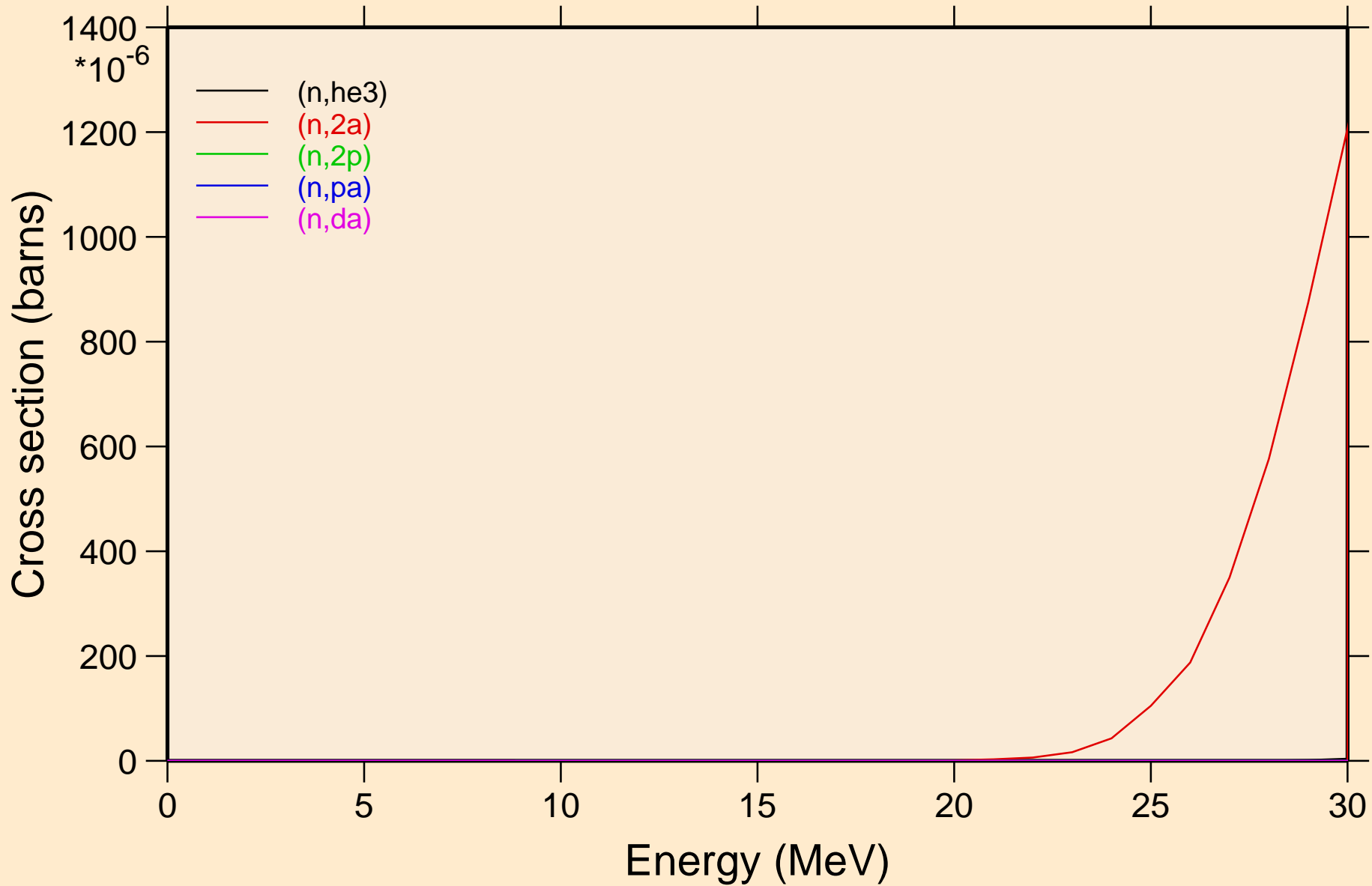
# BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

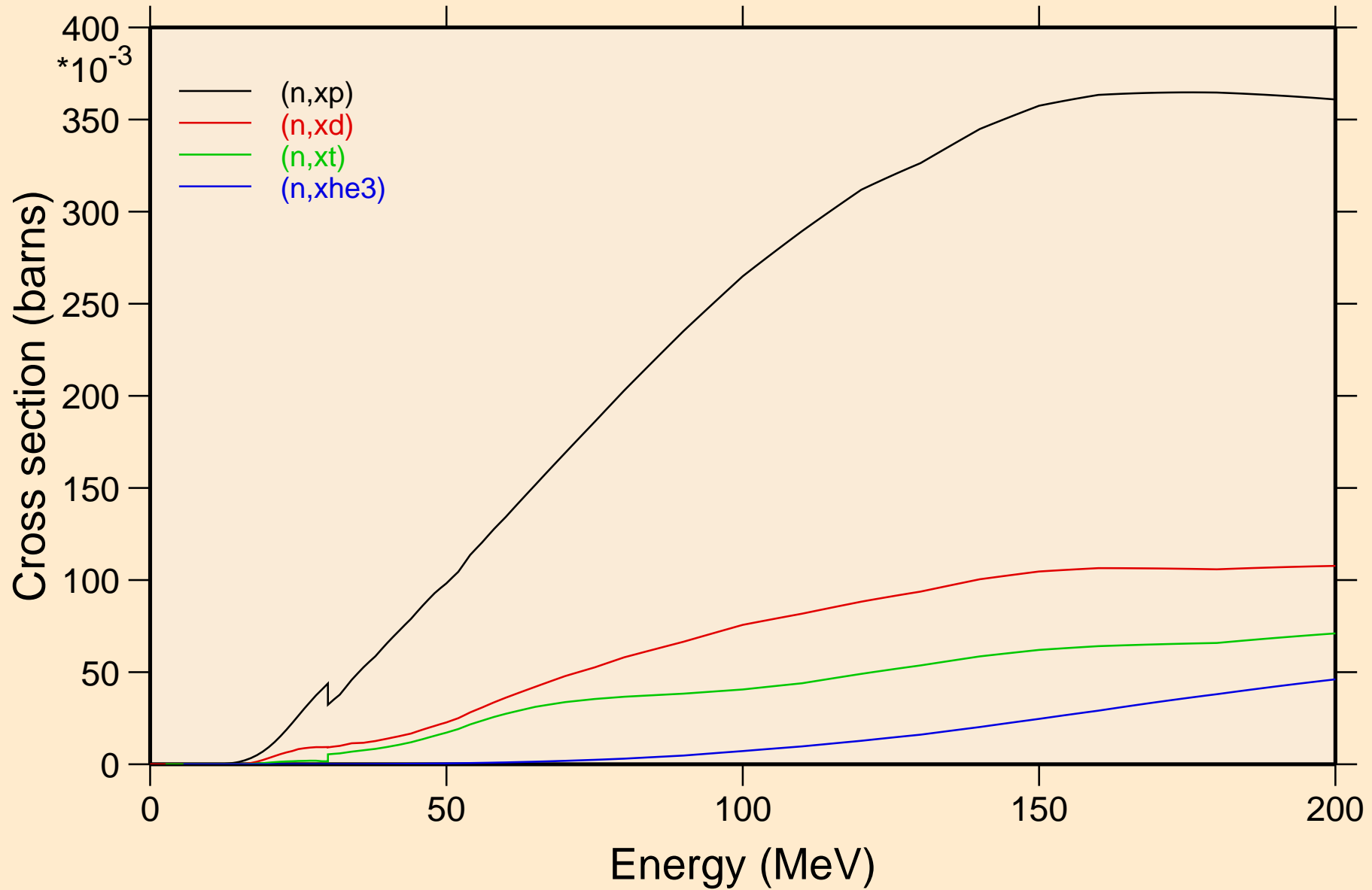




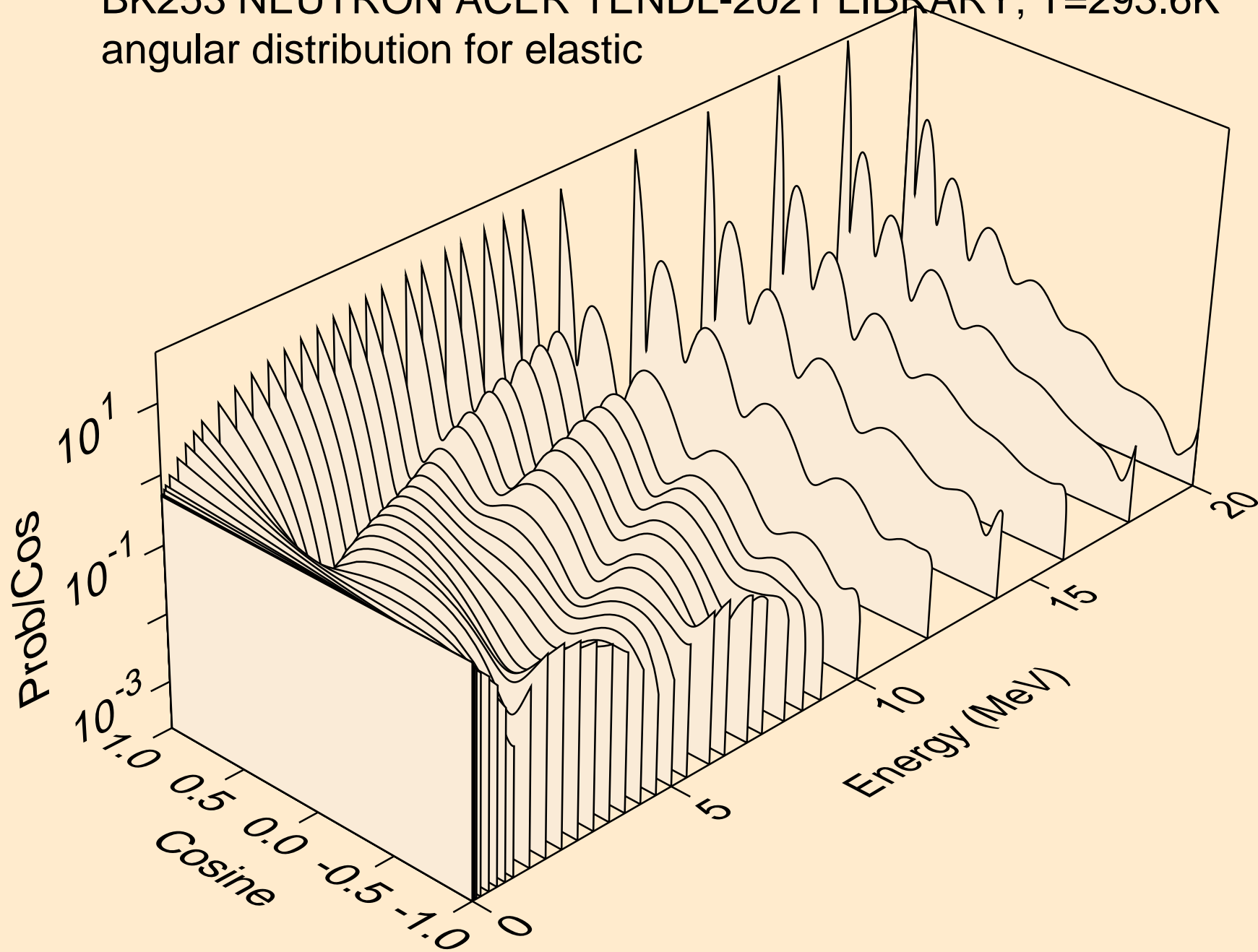
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



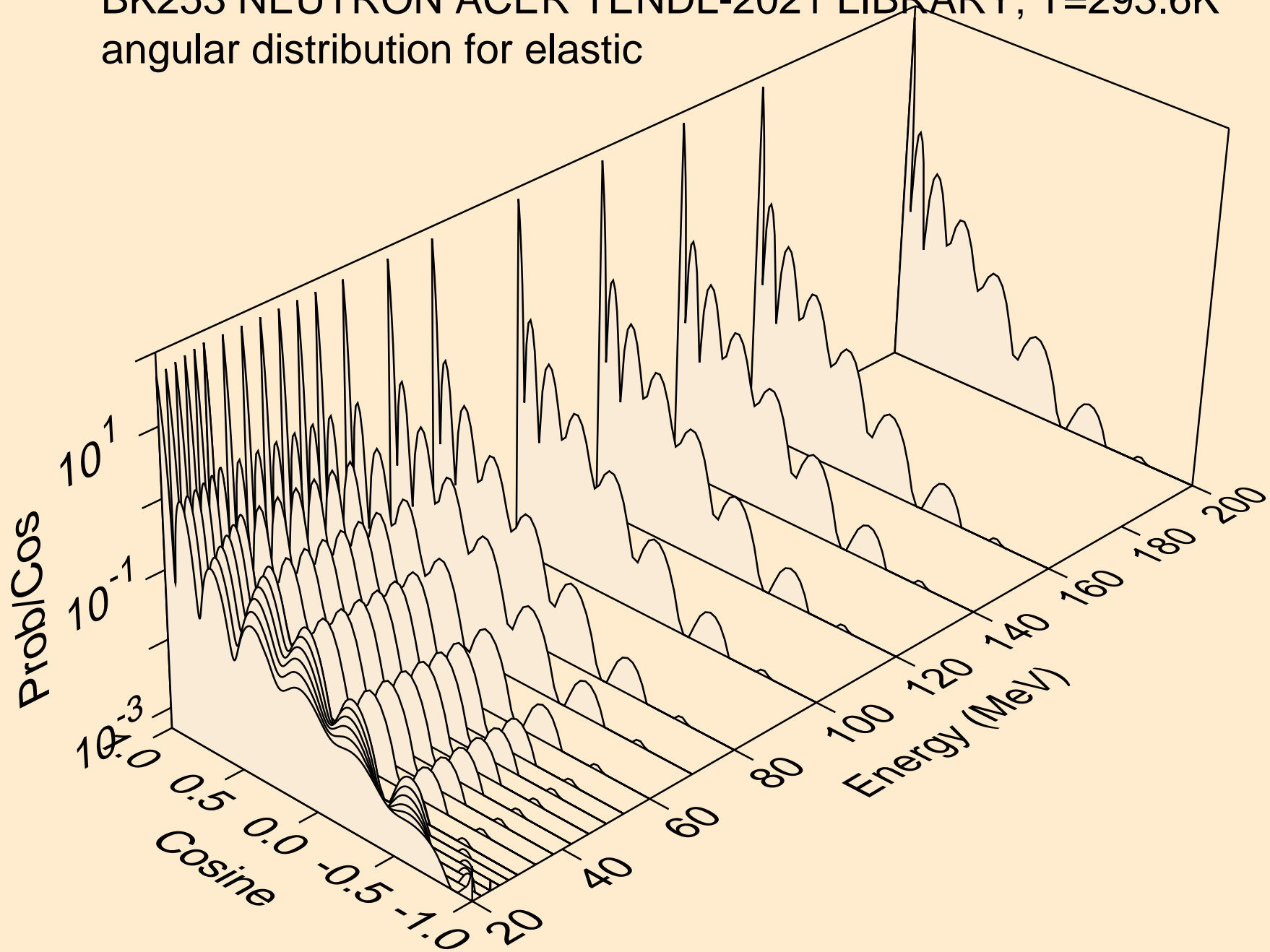
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



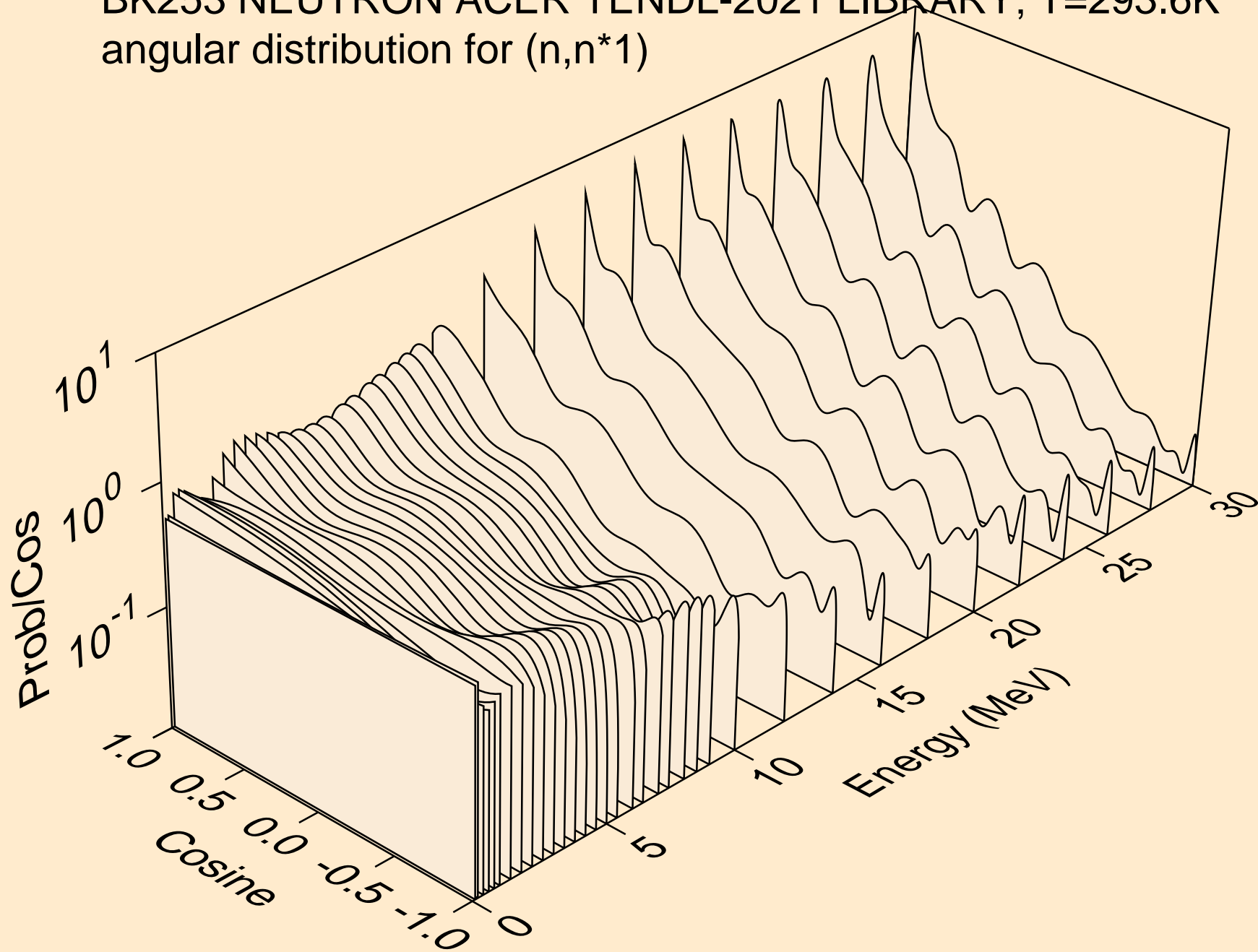
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



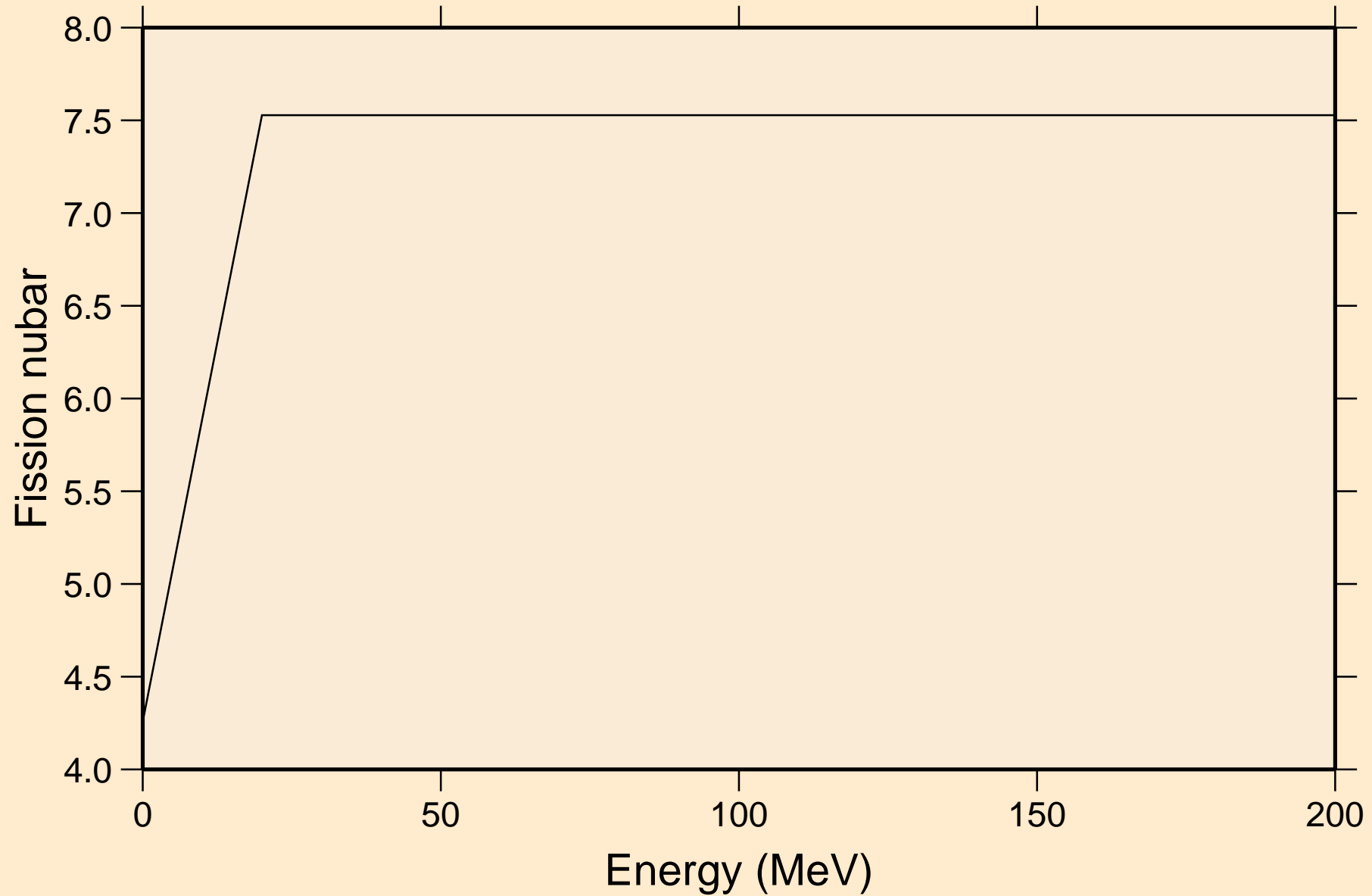
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



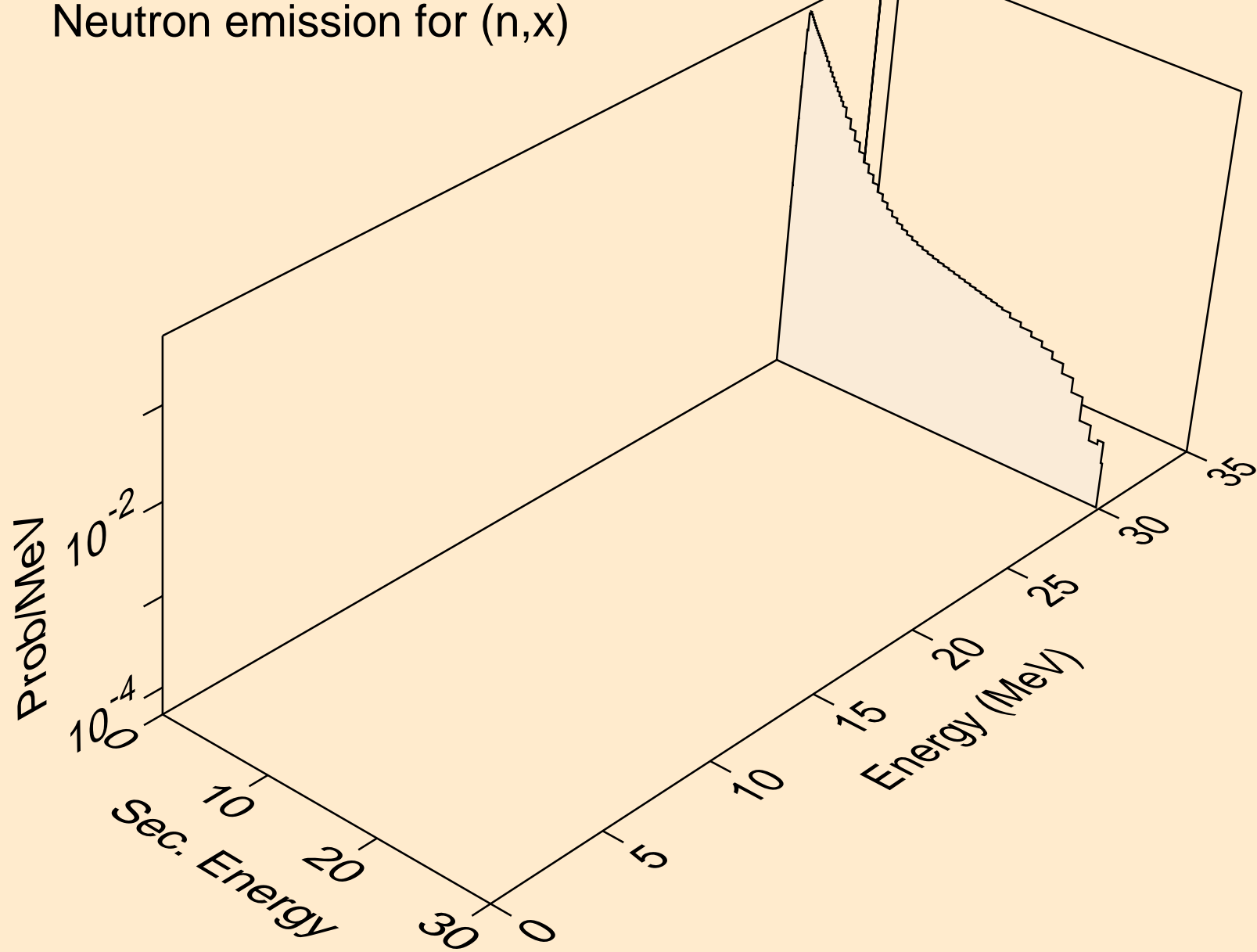
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



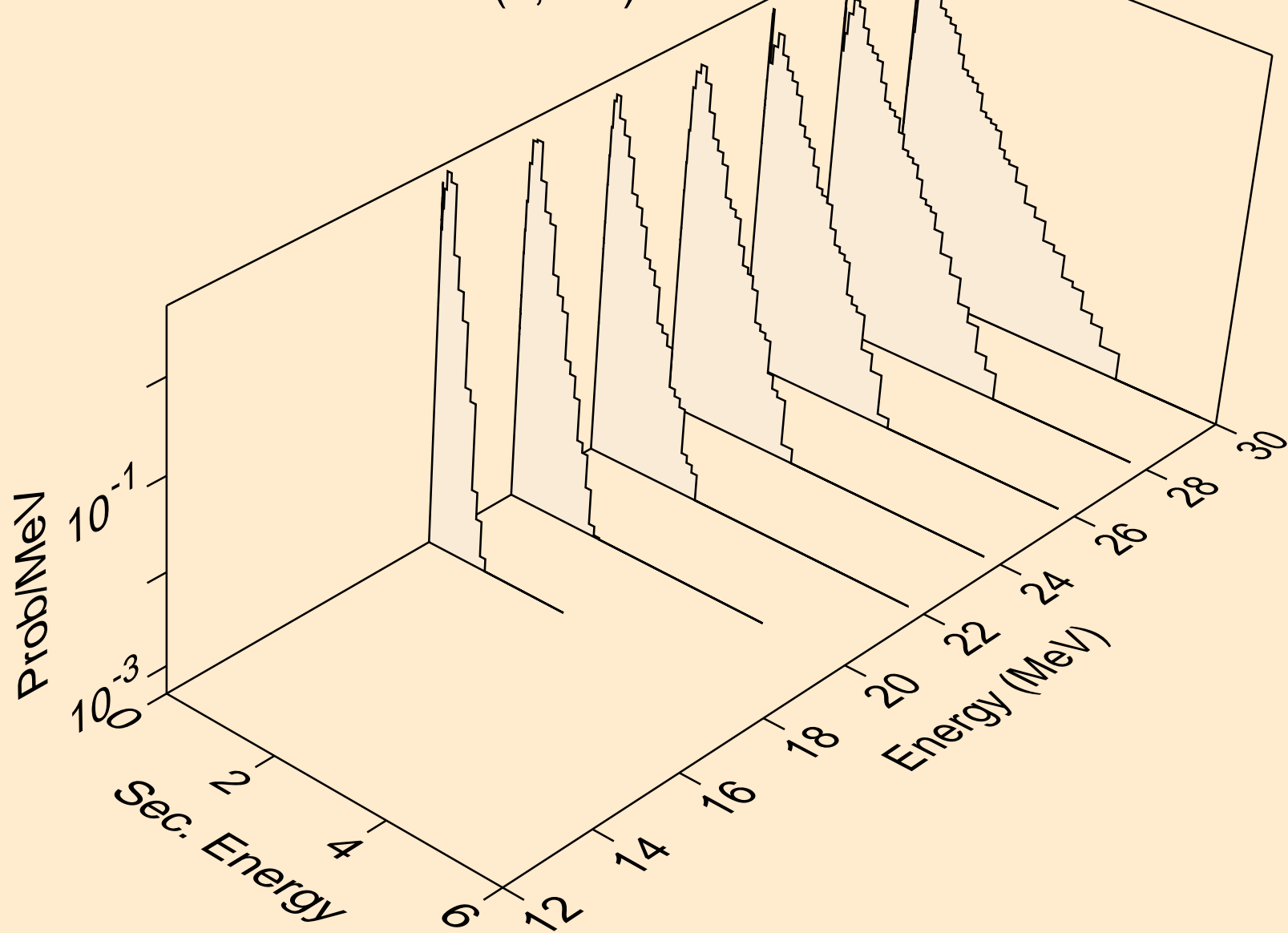
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

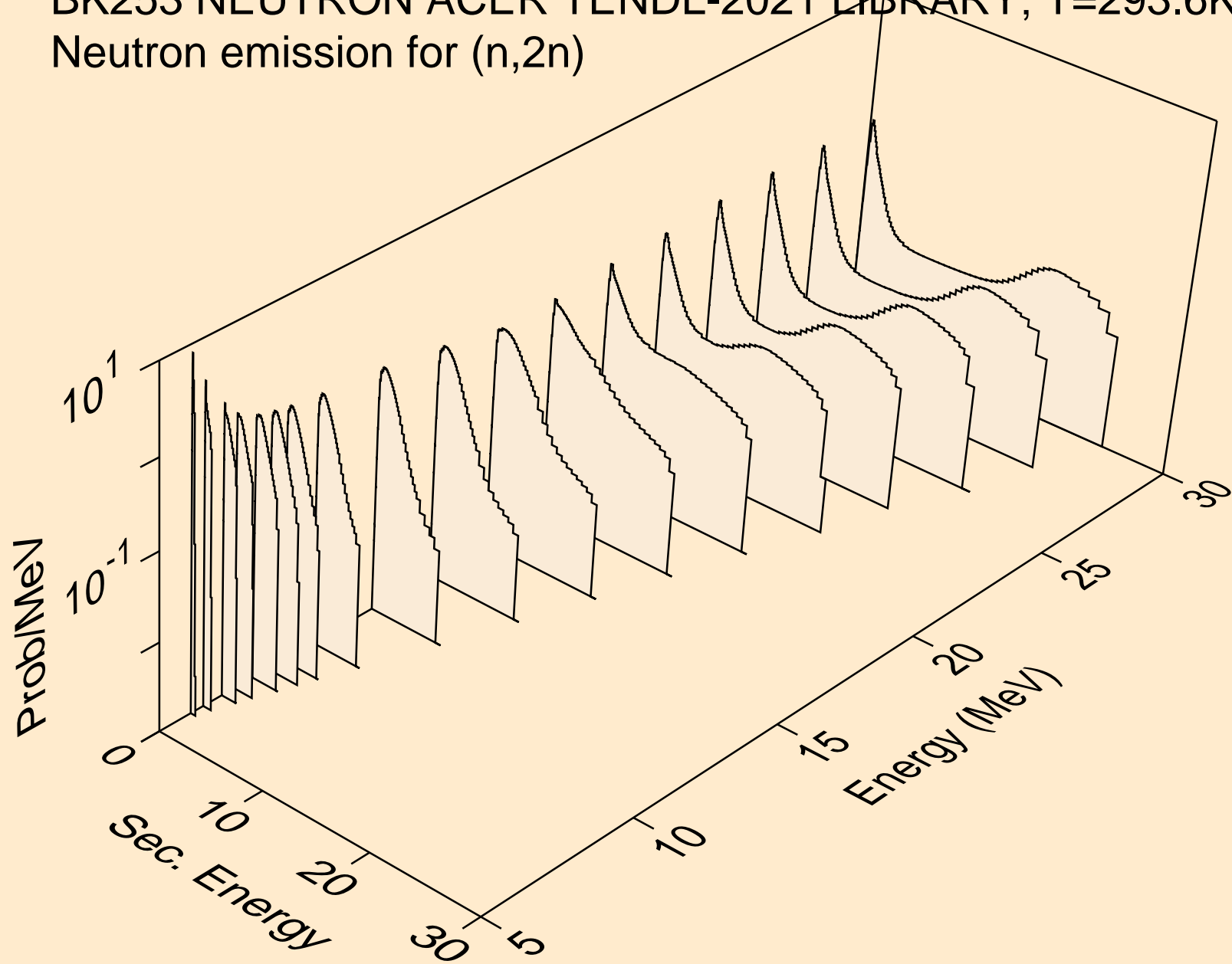


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

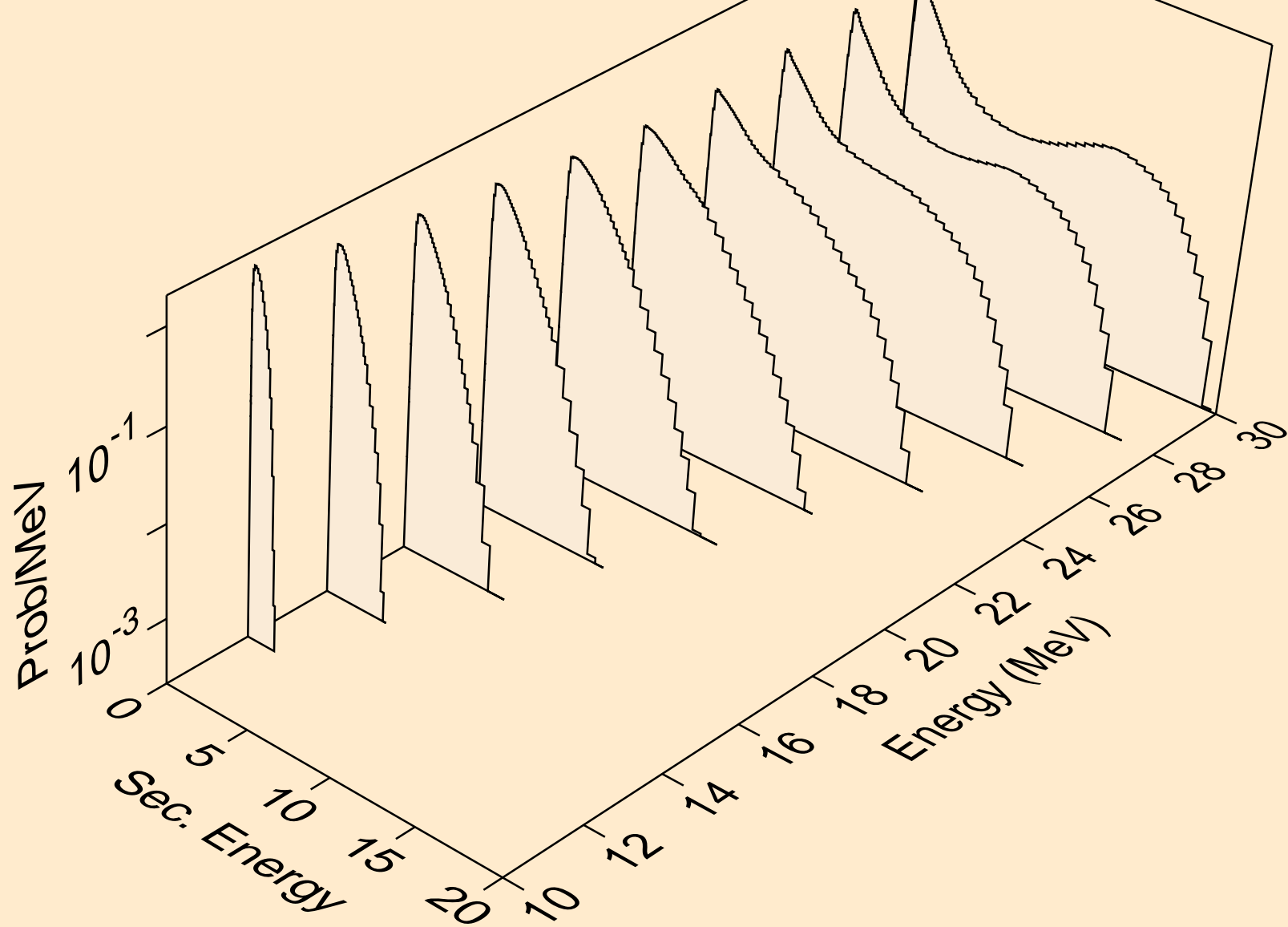




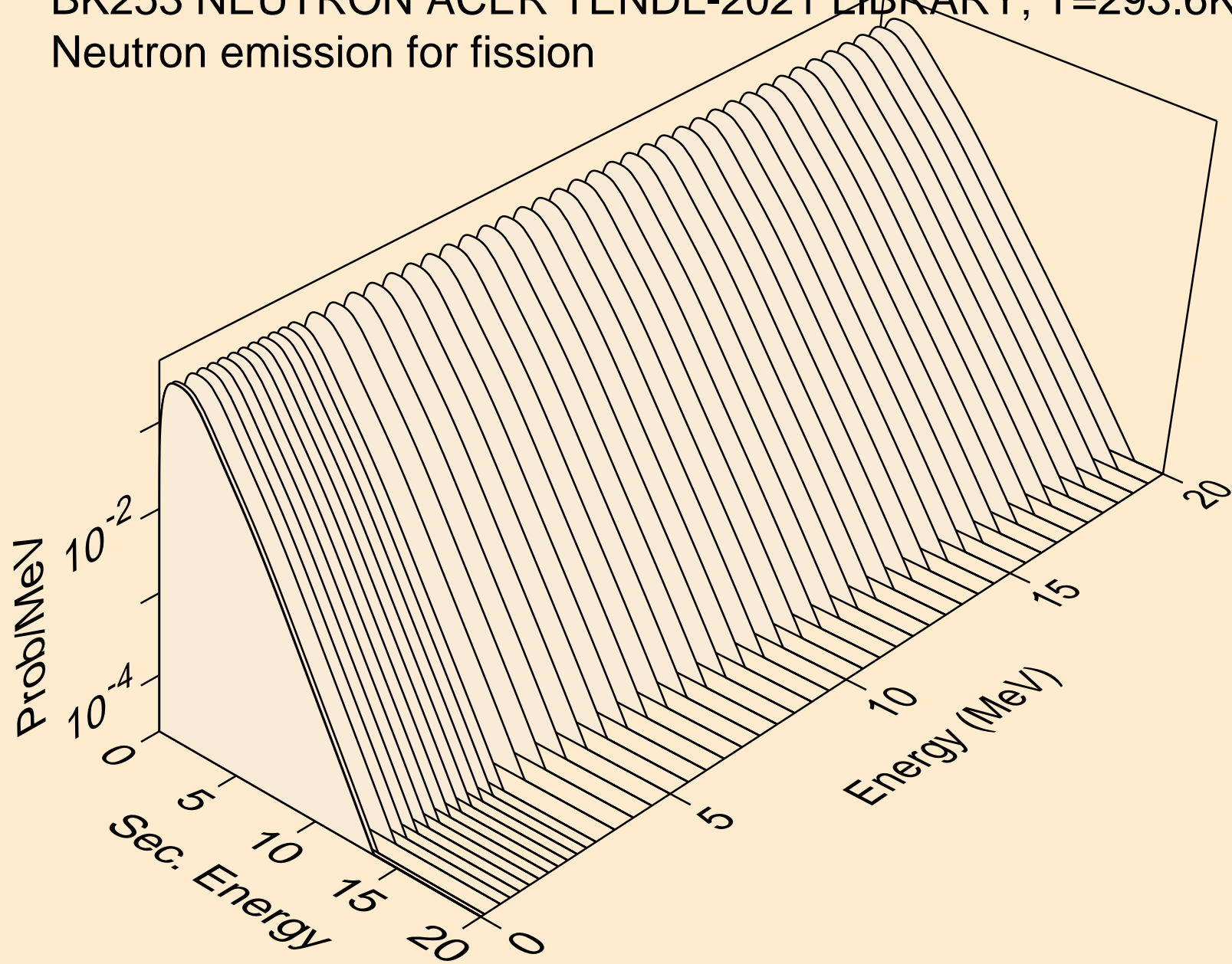
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



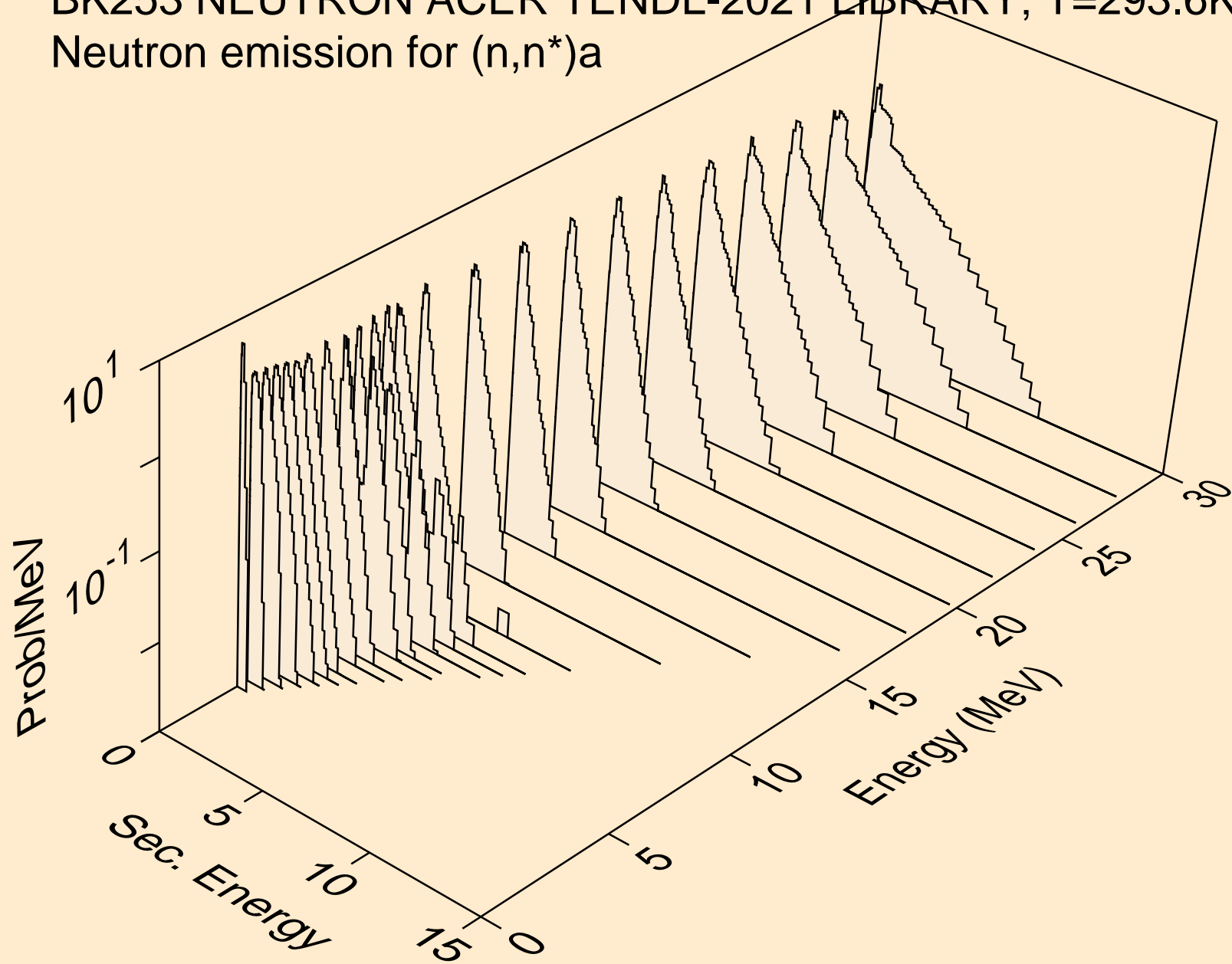
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



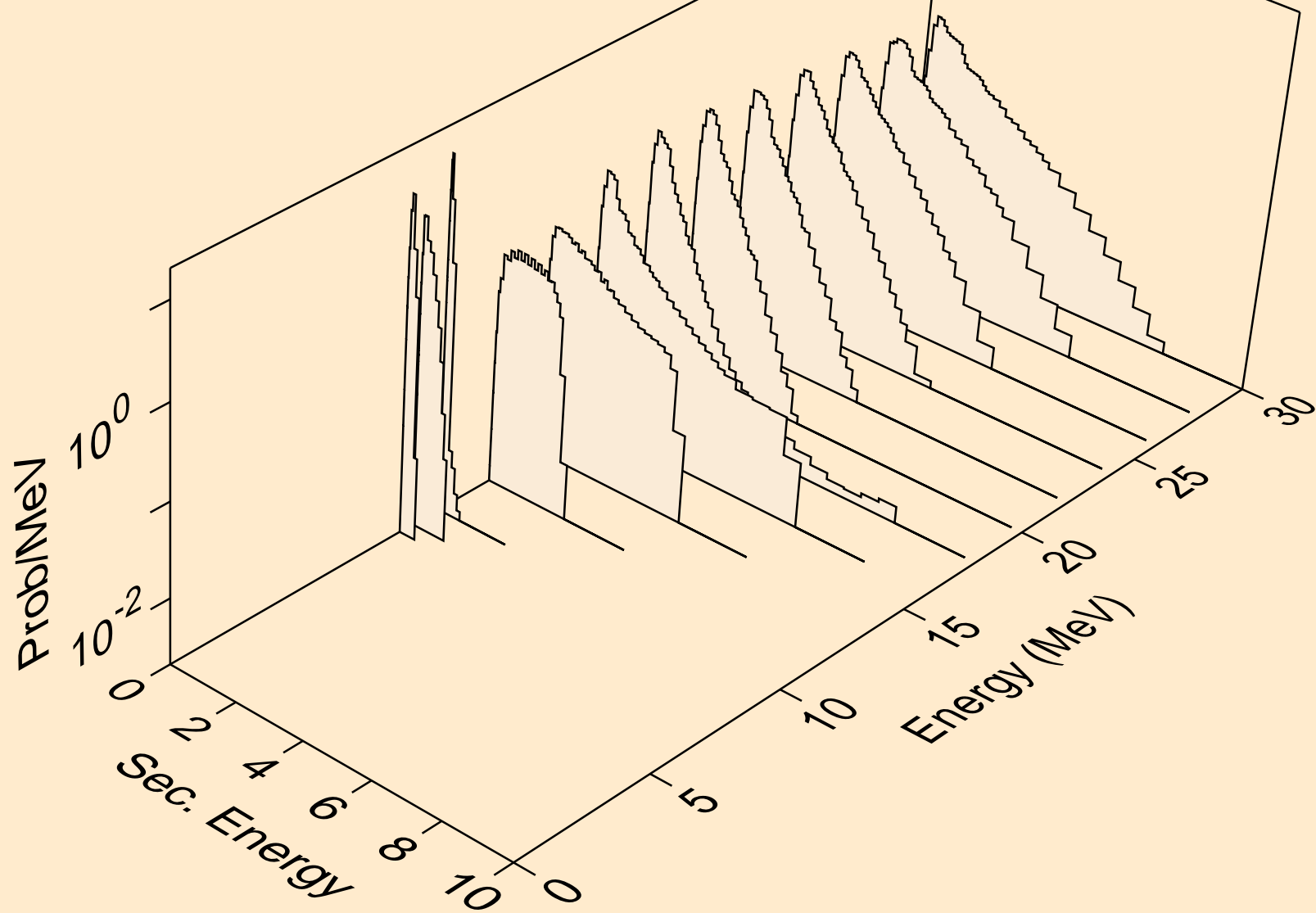
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



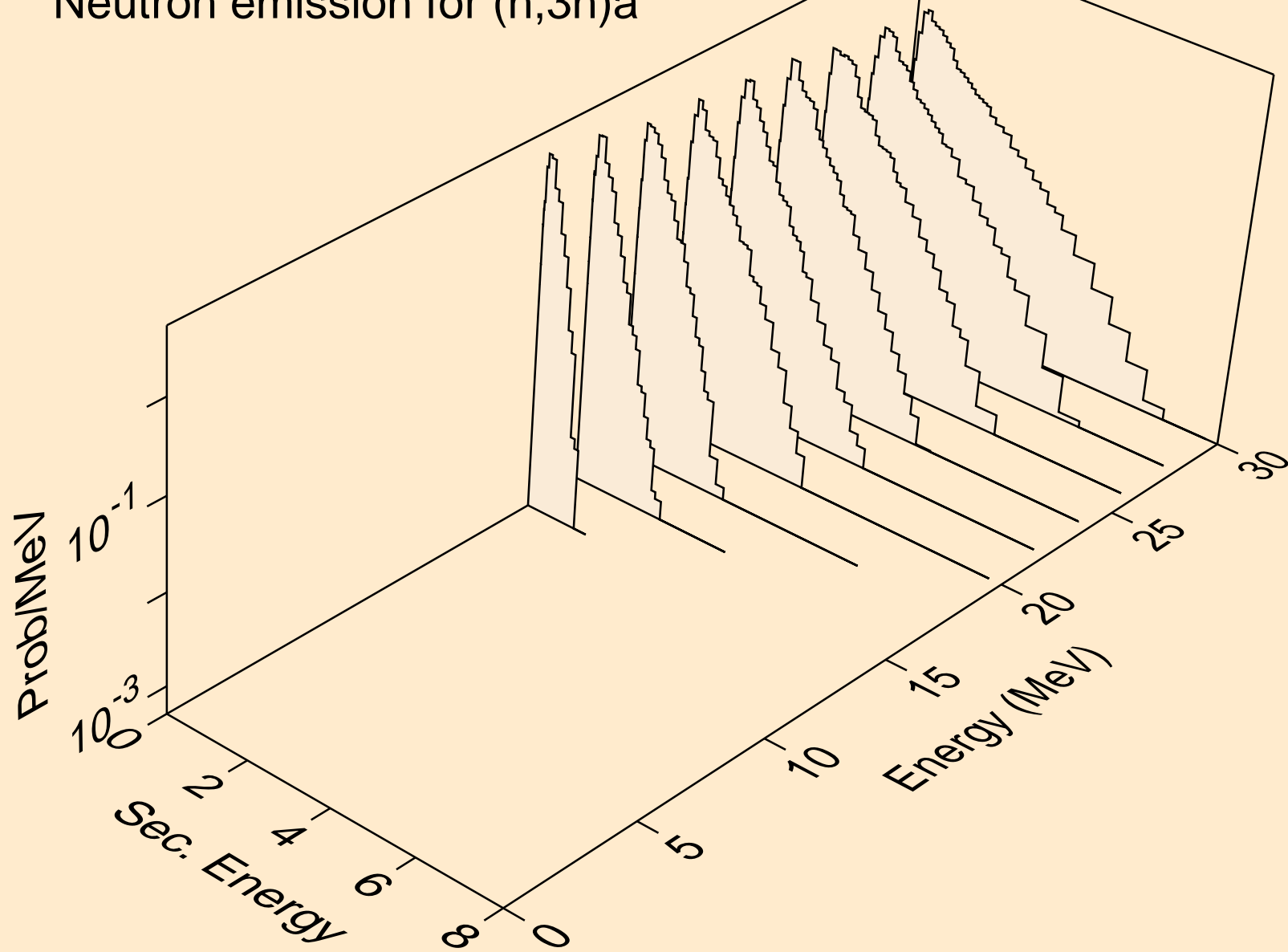
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



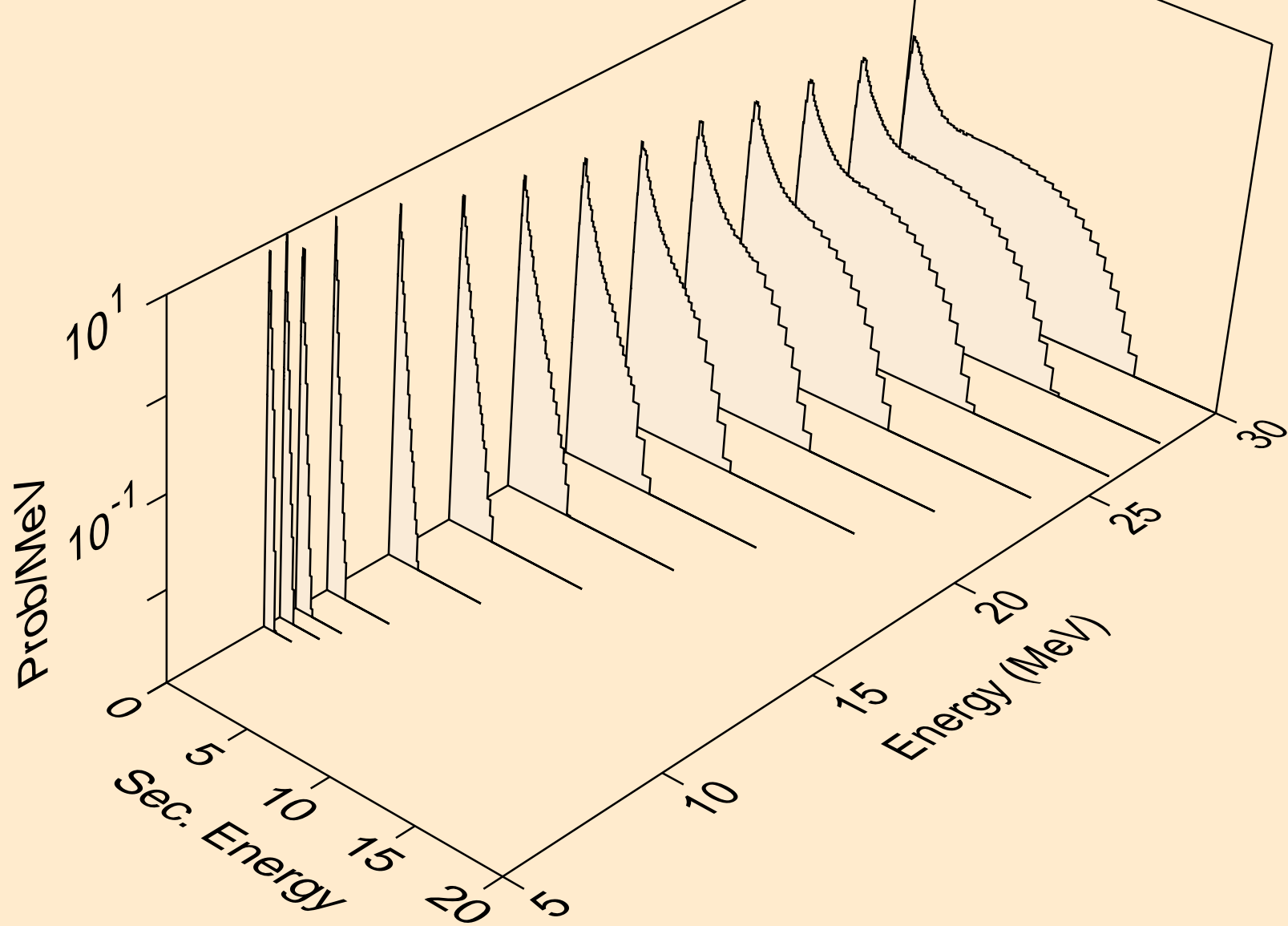
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



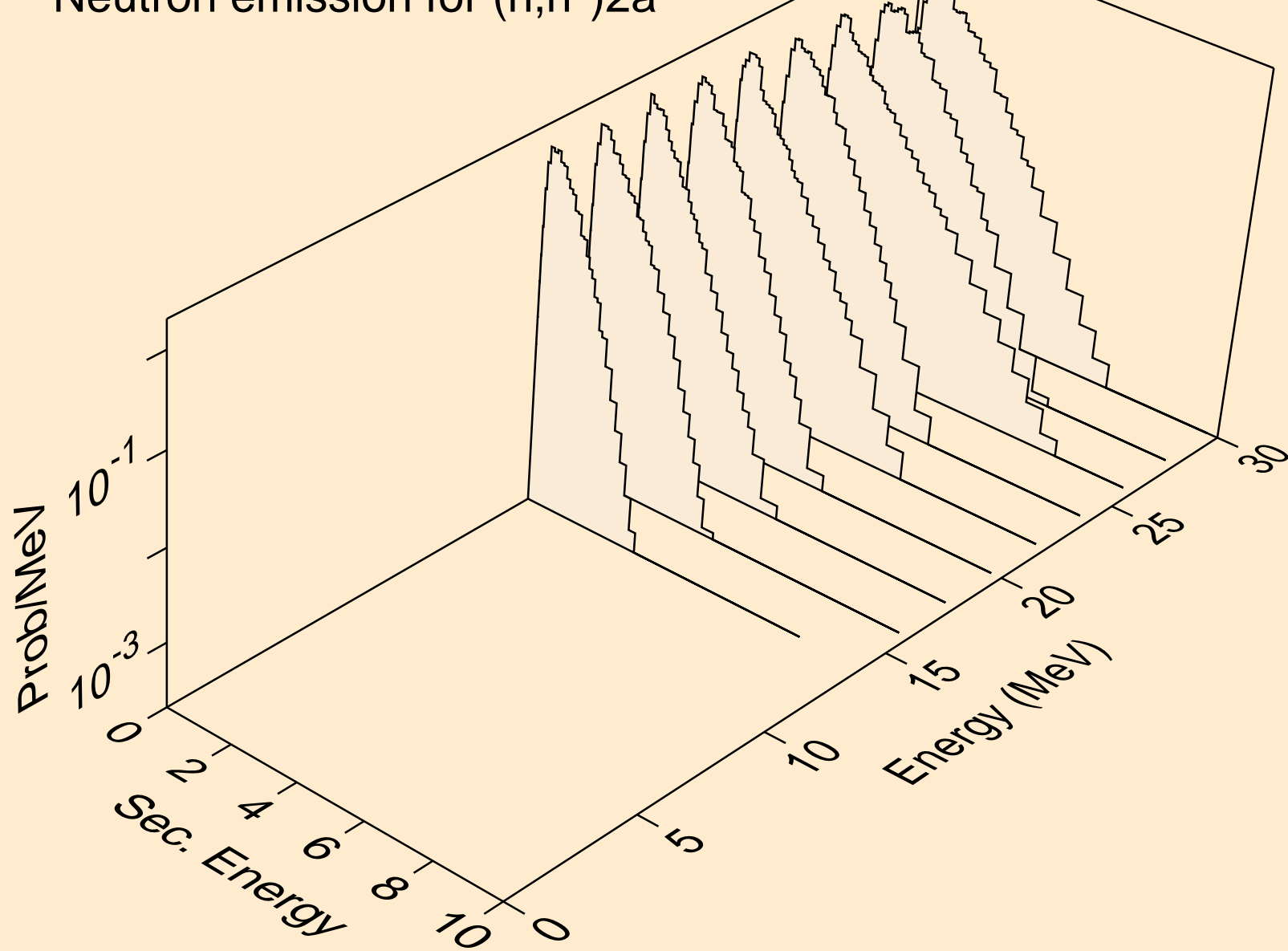
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

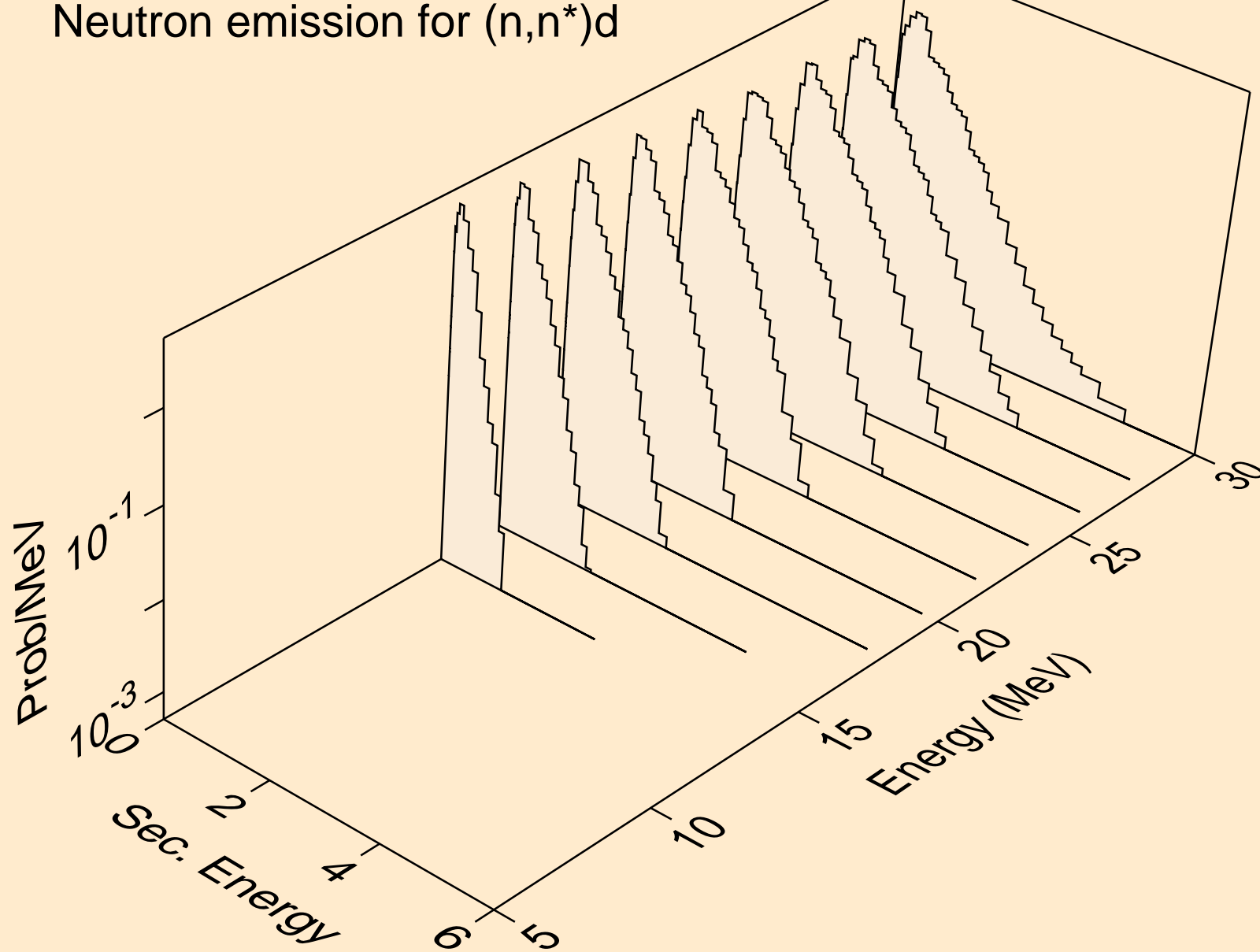


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

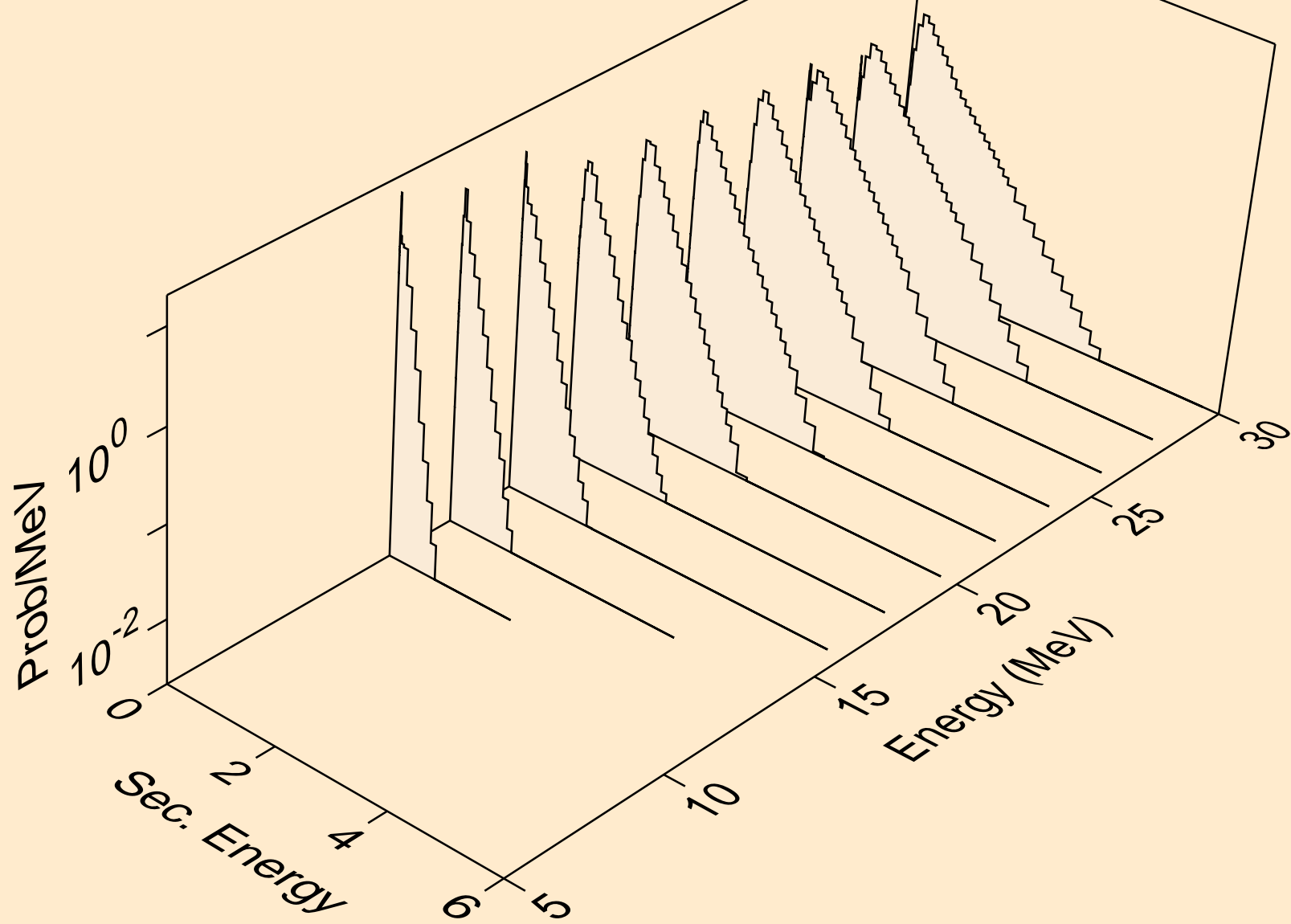




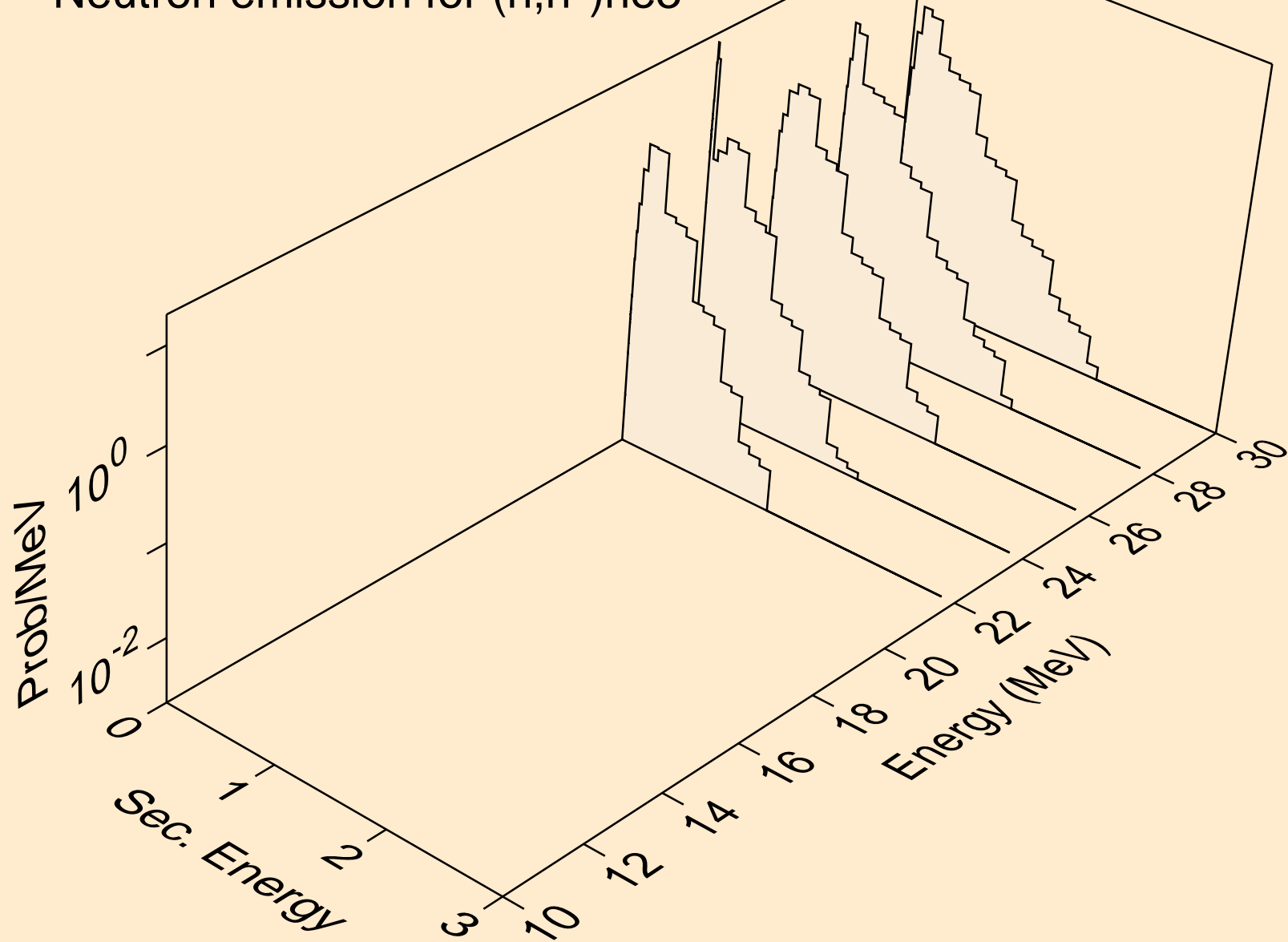
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



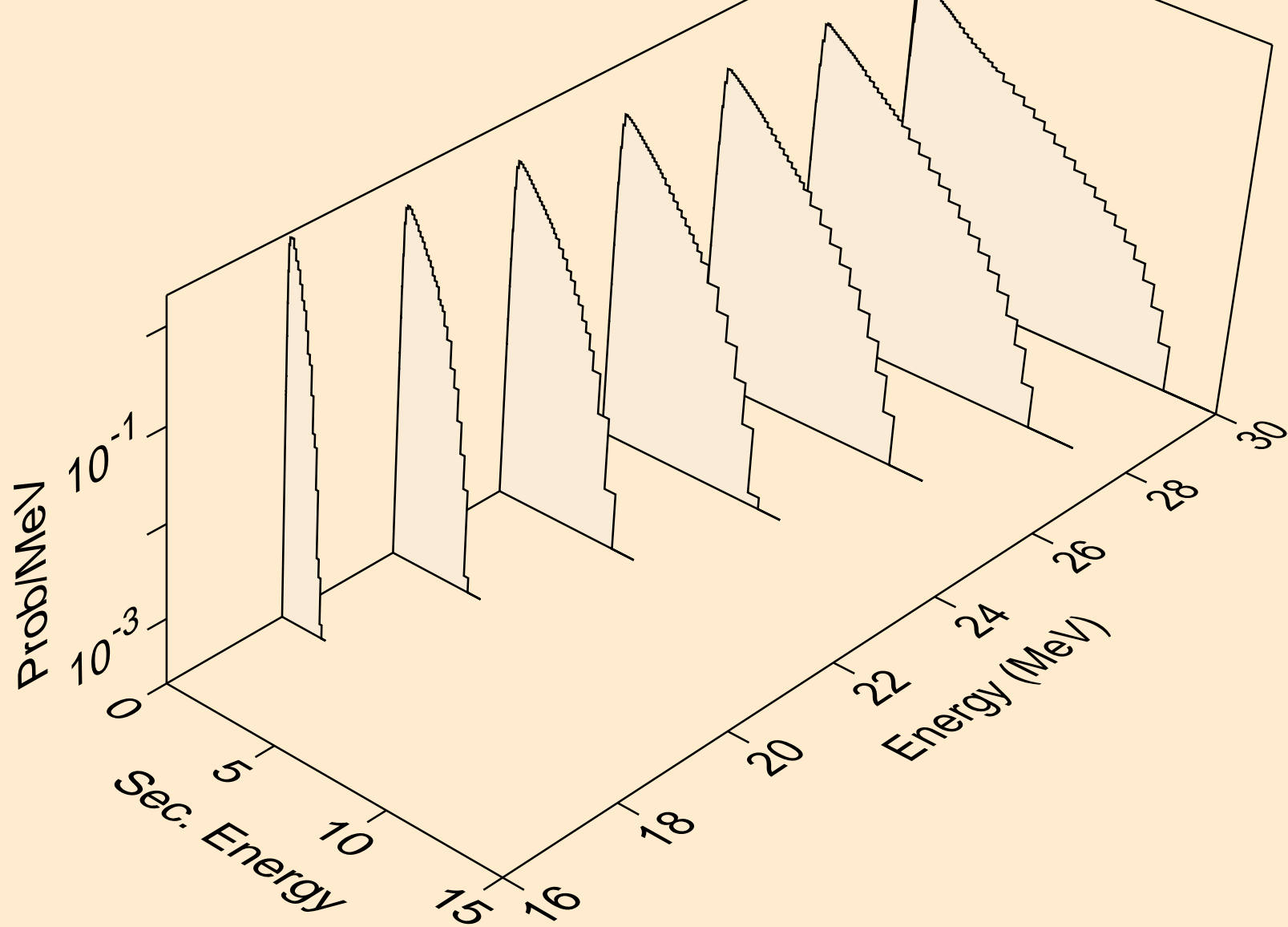
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



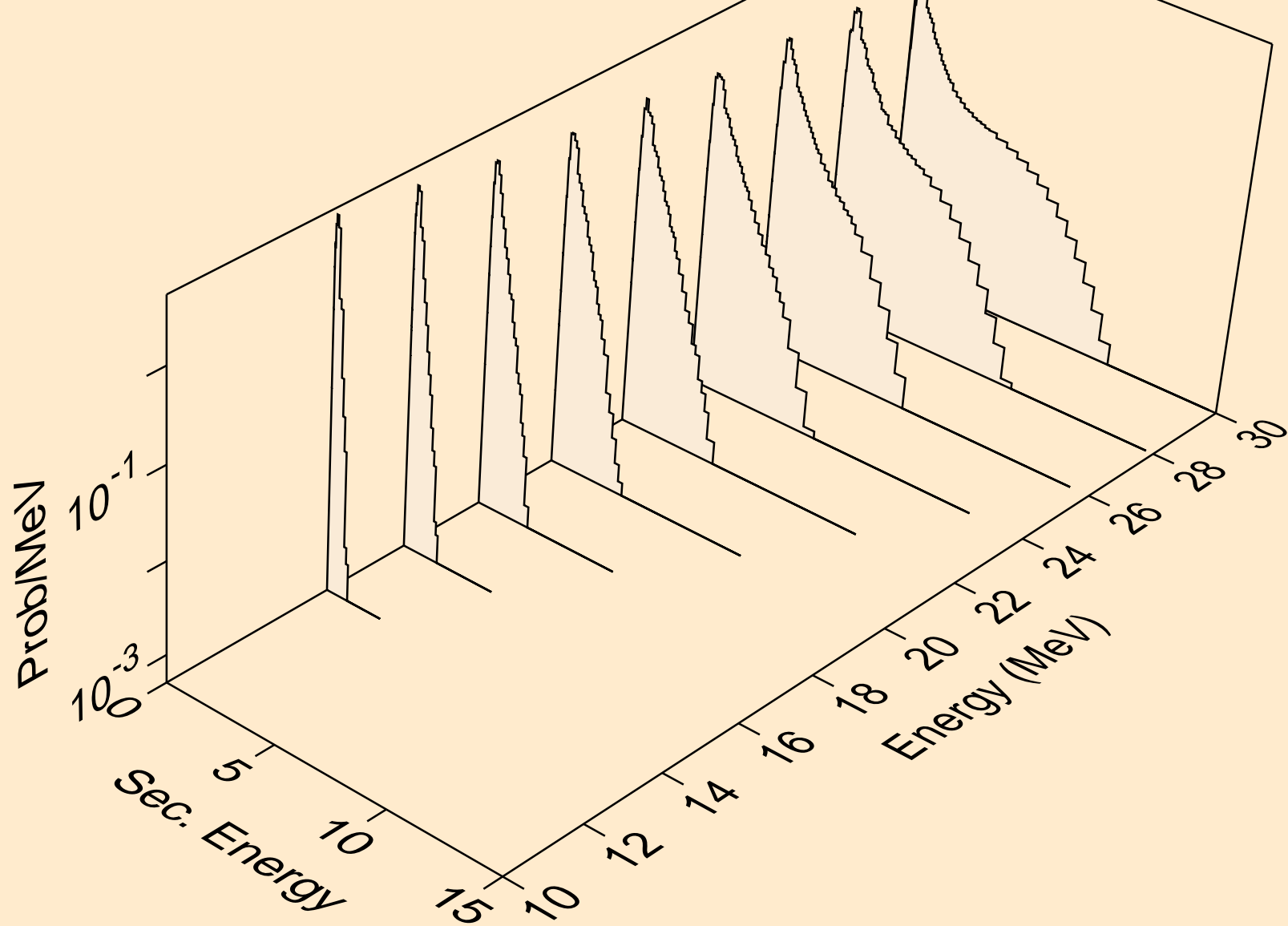
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



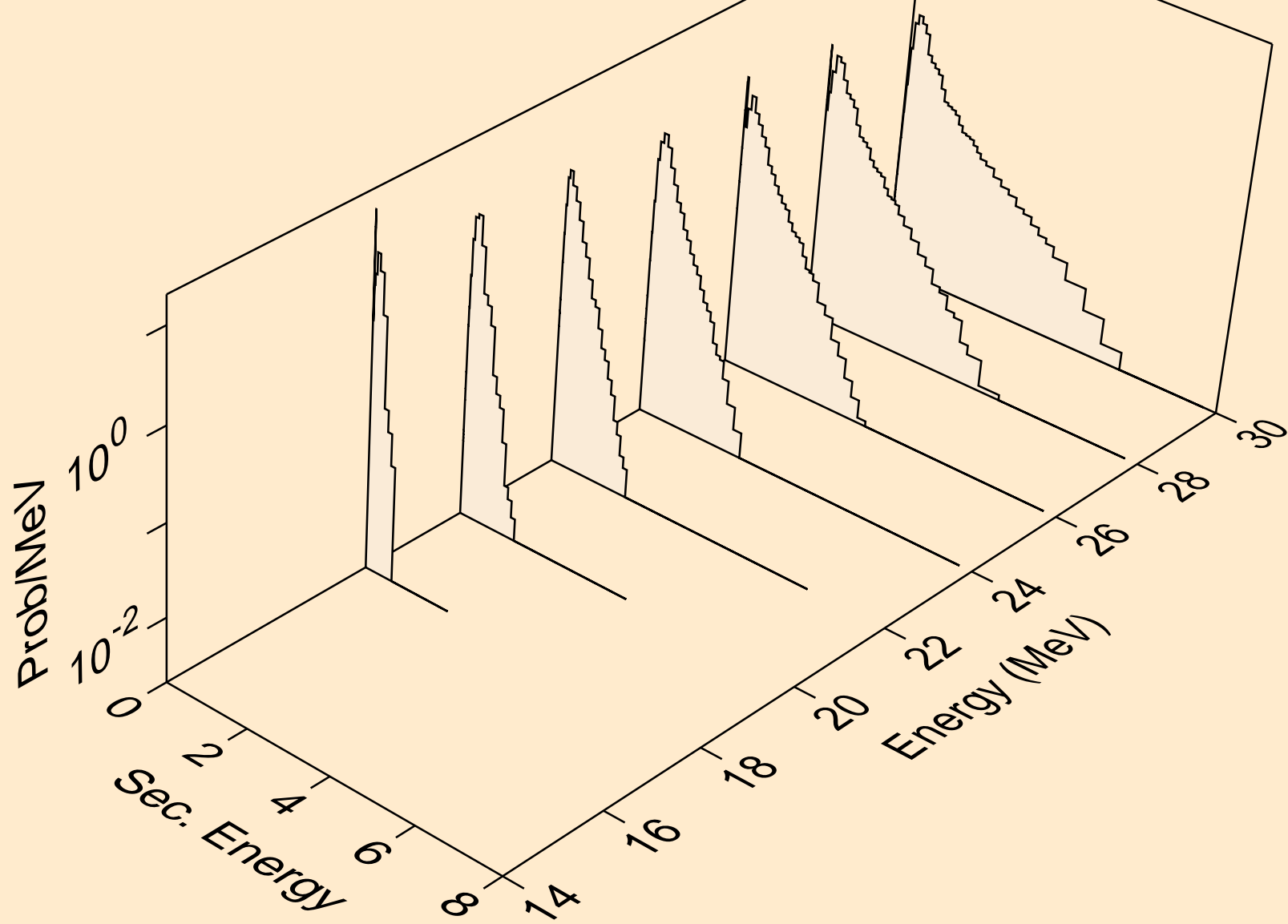
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



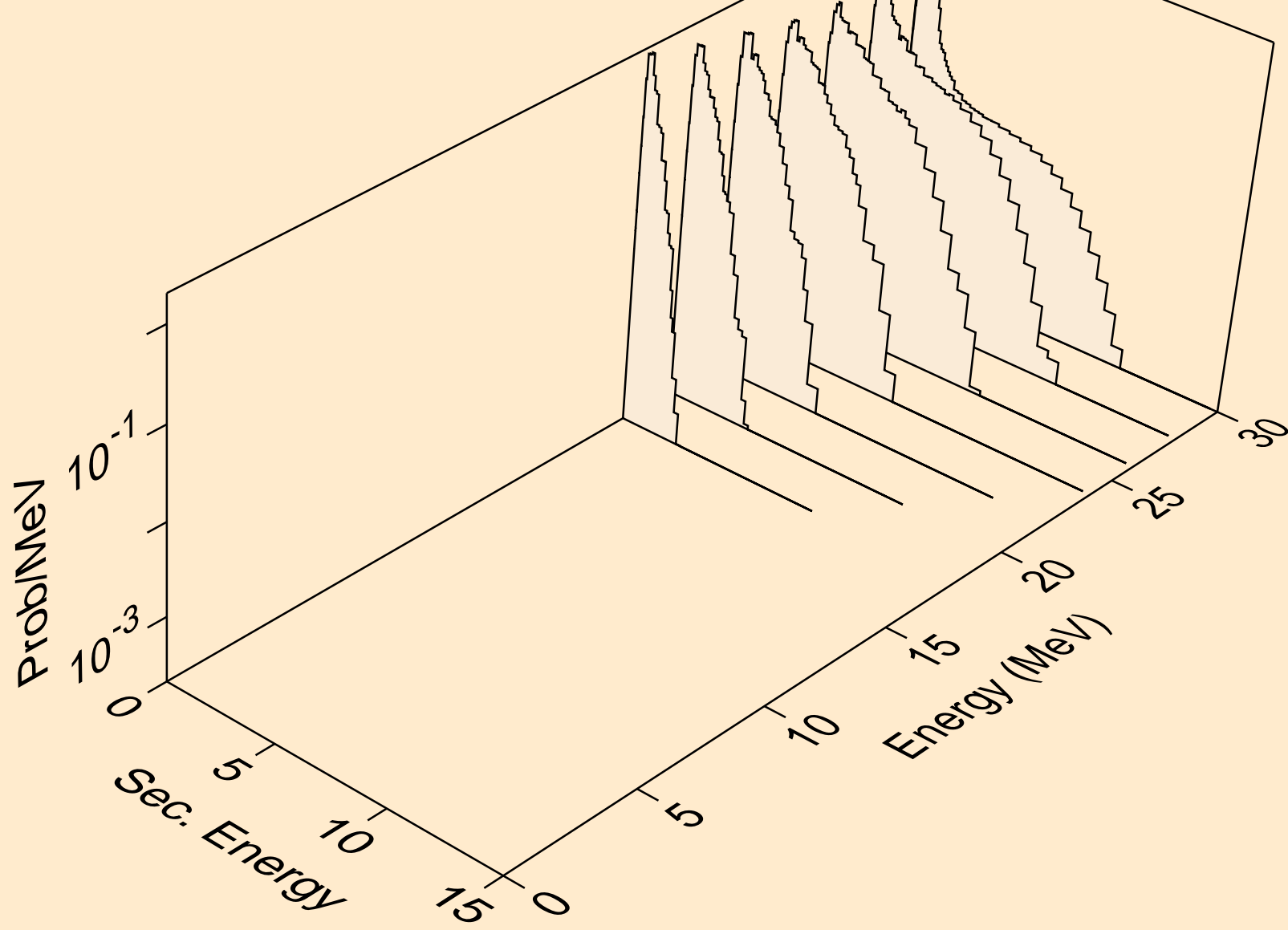
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



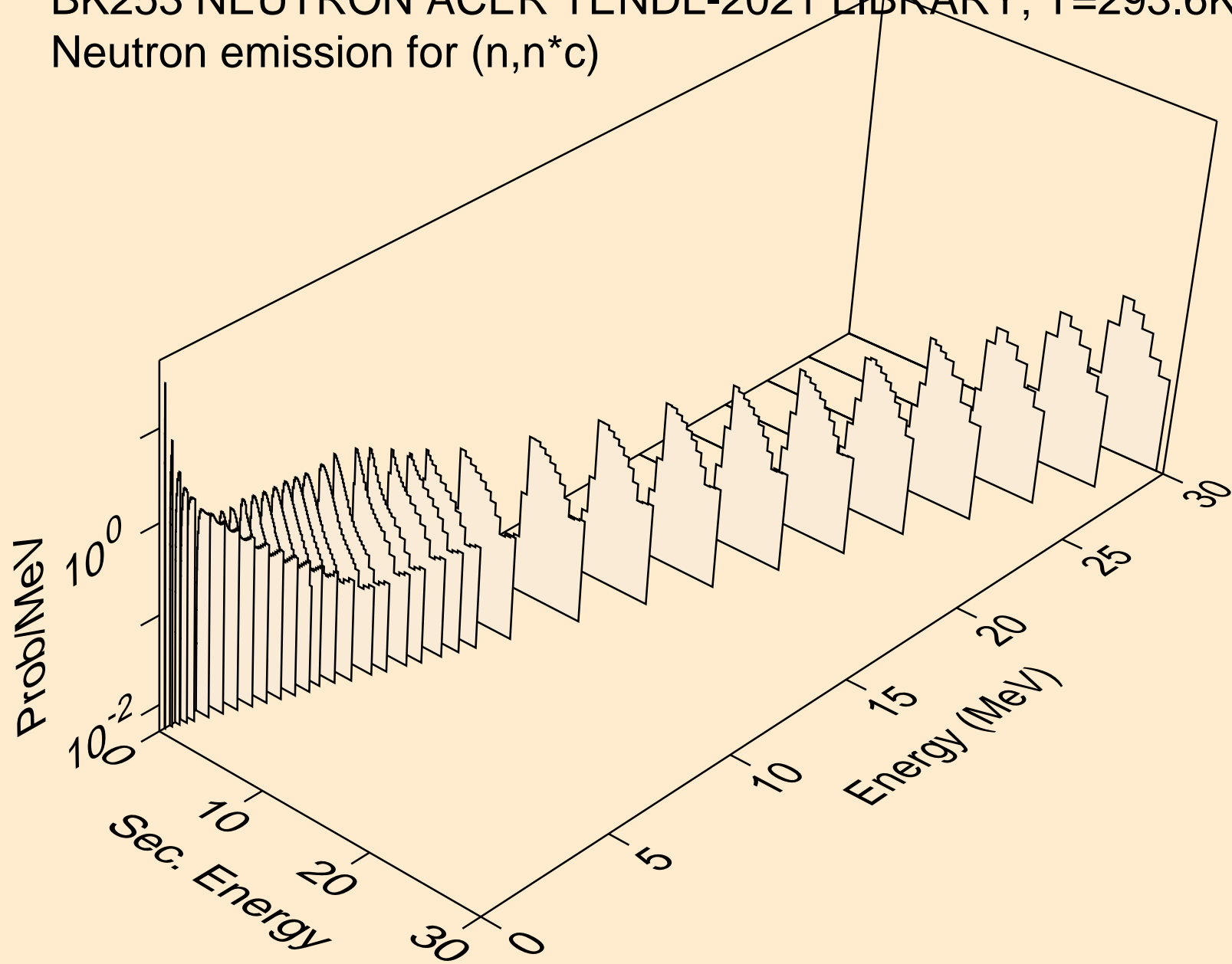
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



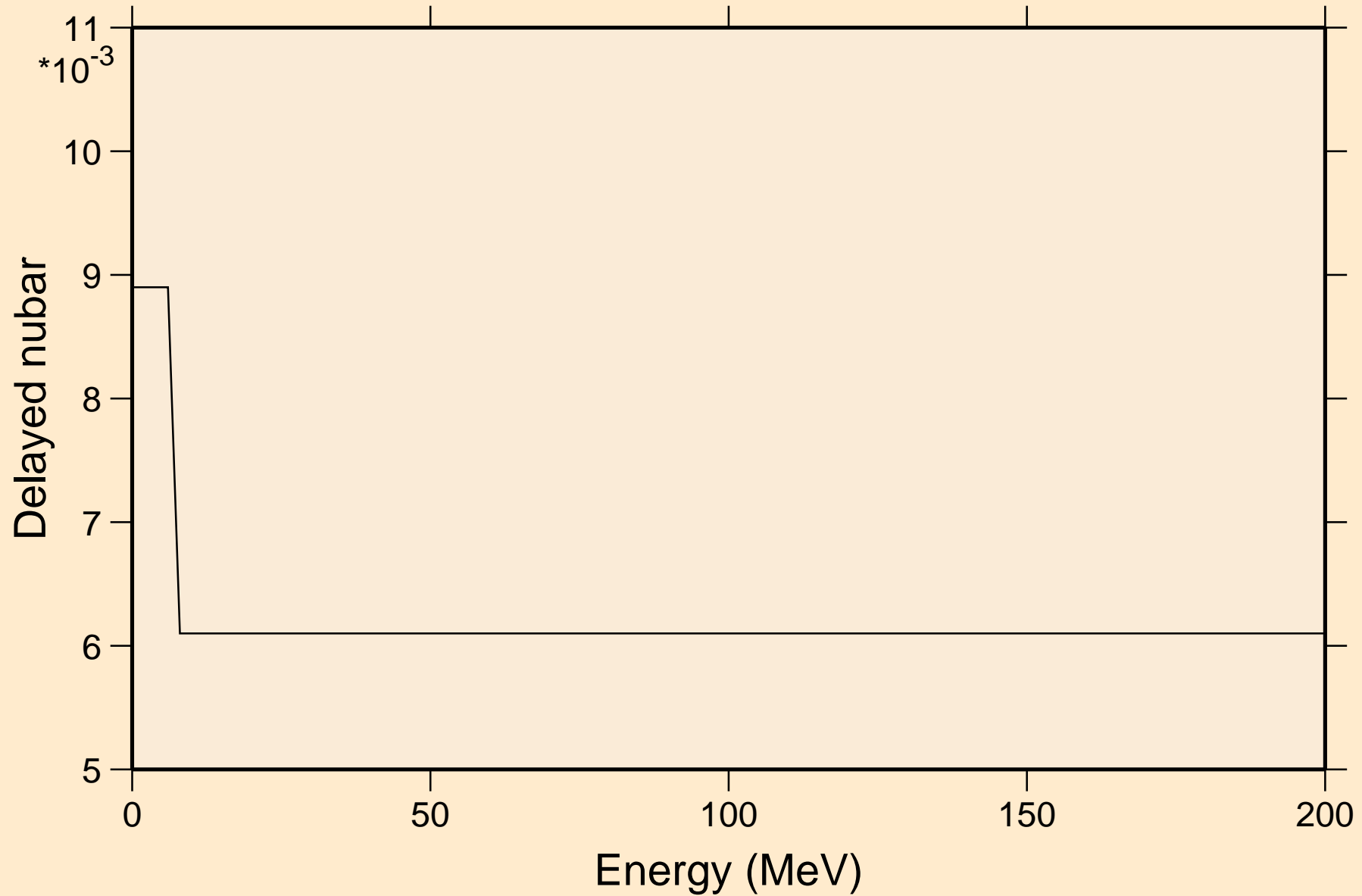
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)





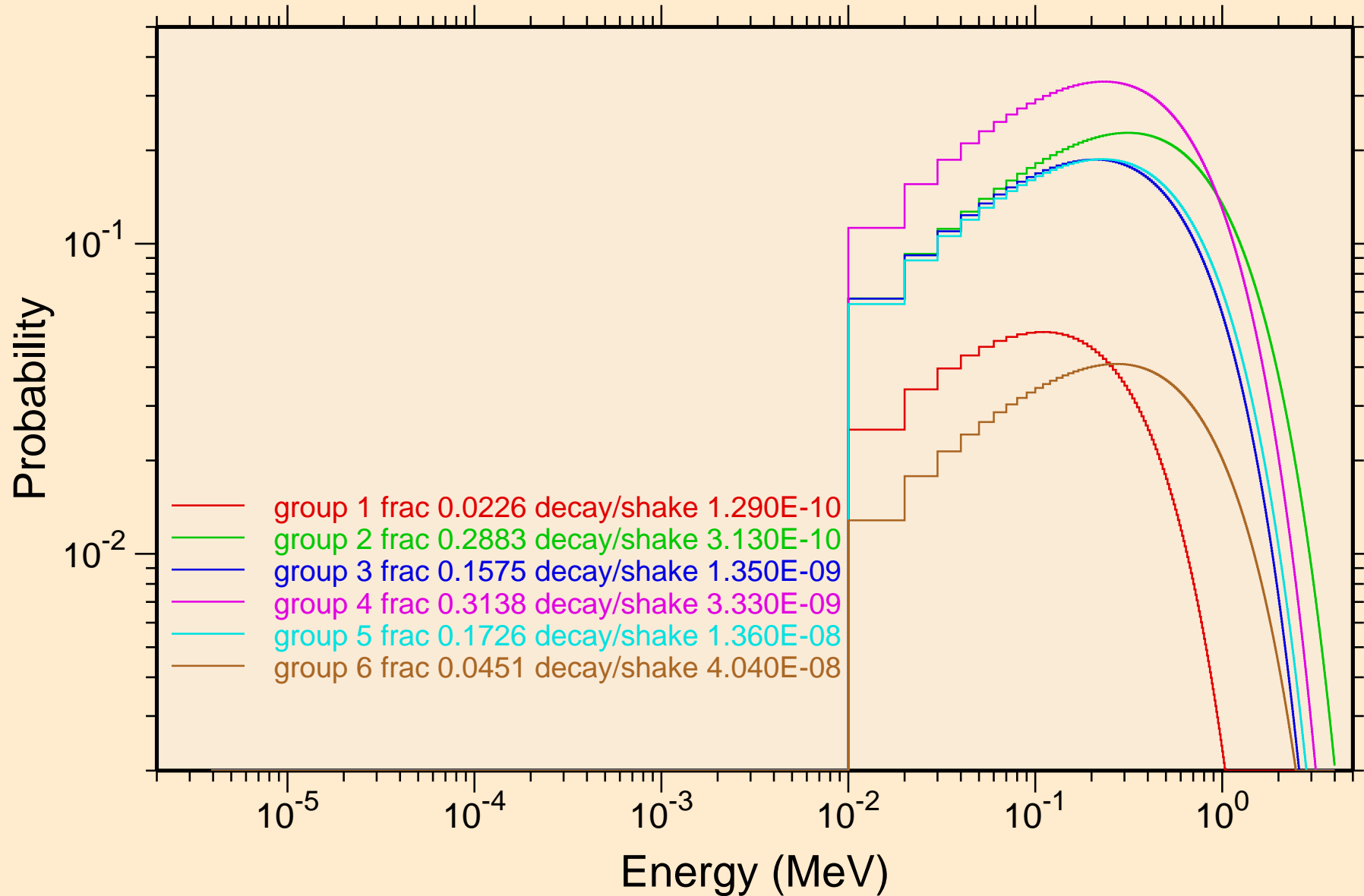
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Delayed nubar

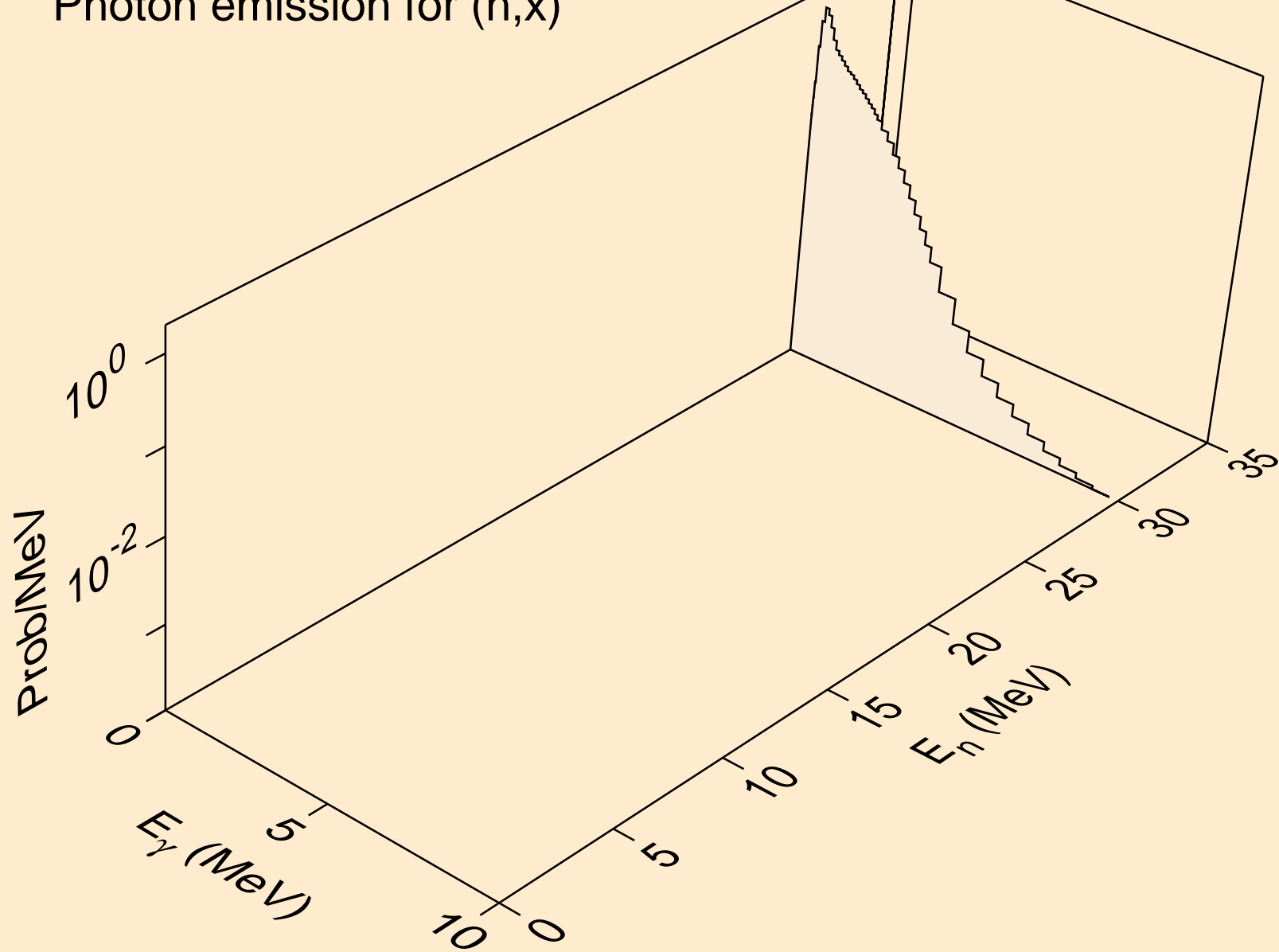


# BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

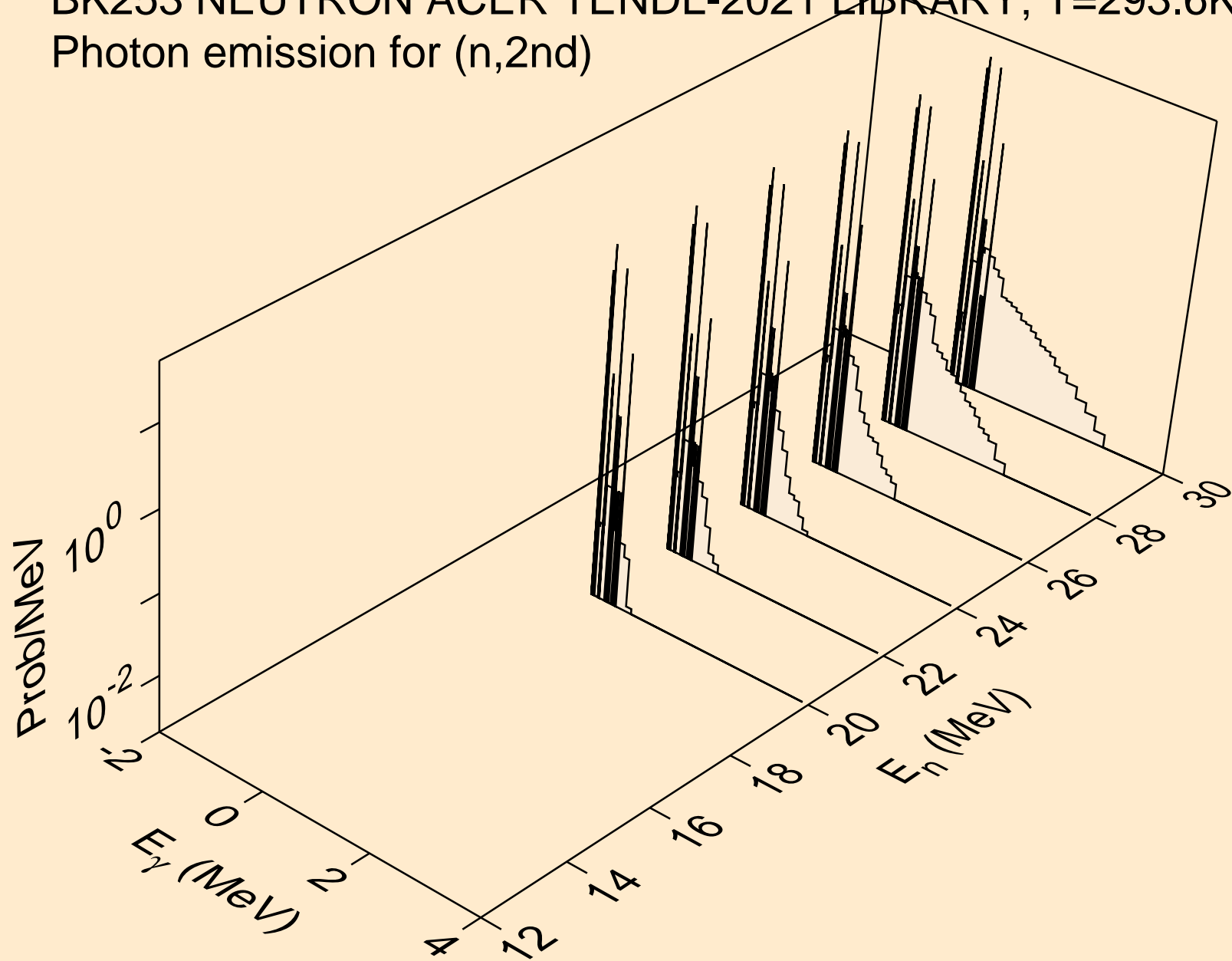
## Delayed neutron spectra



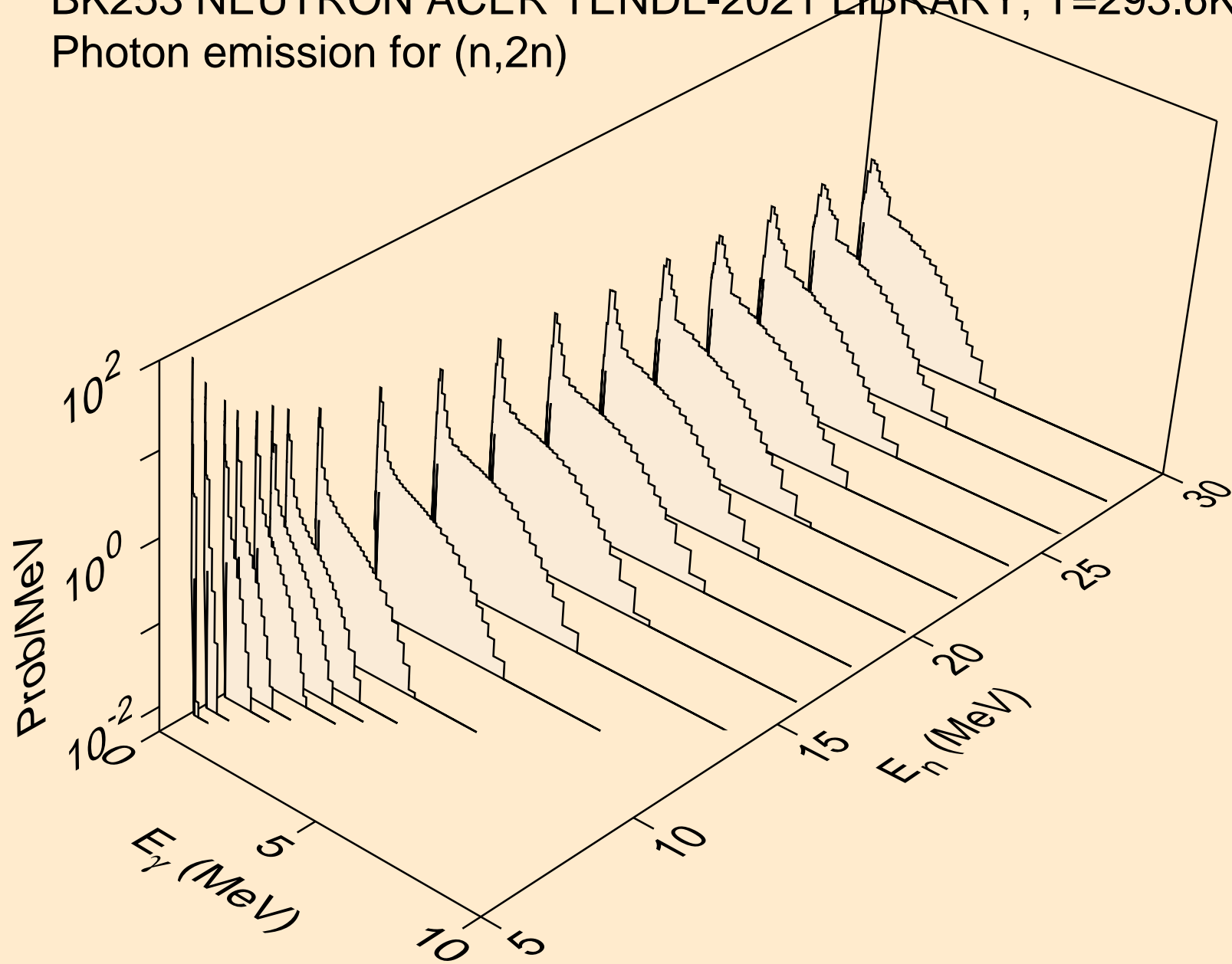
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



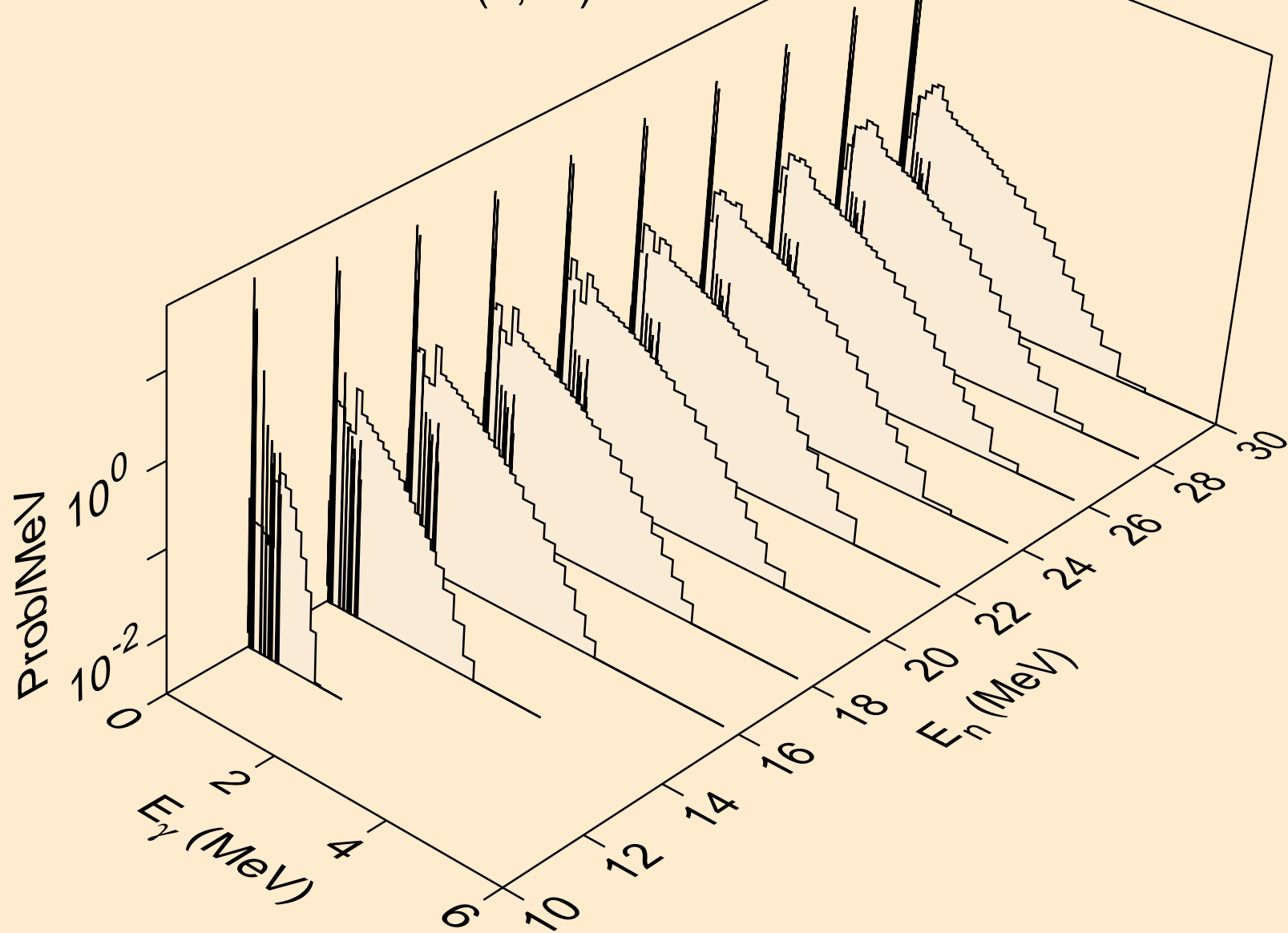
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



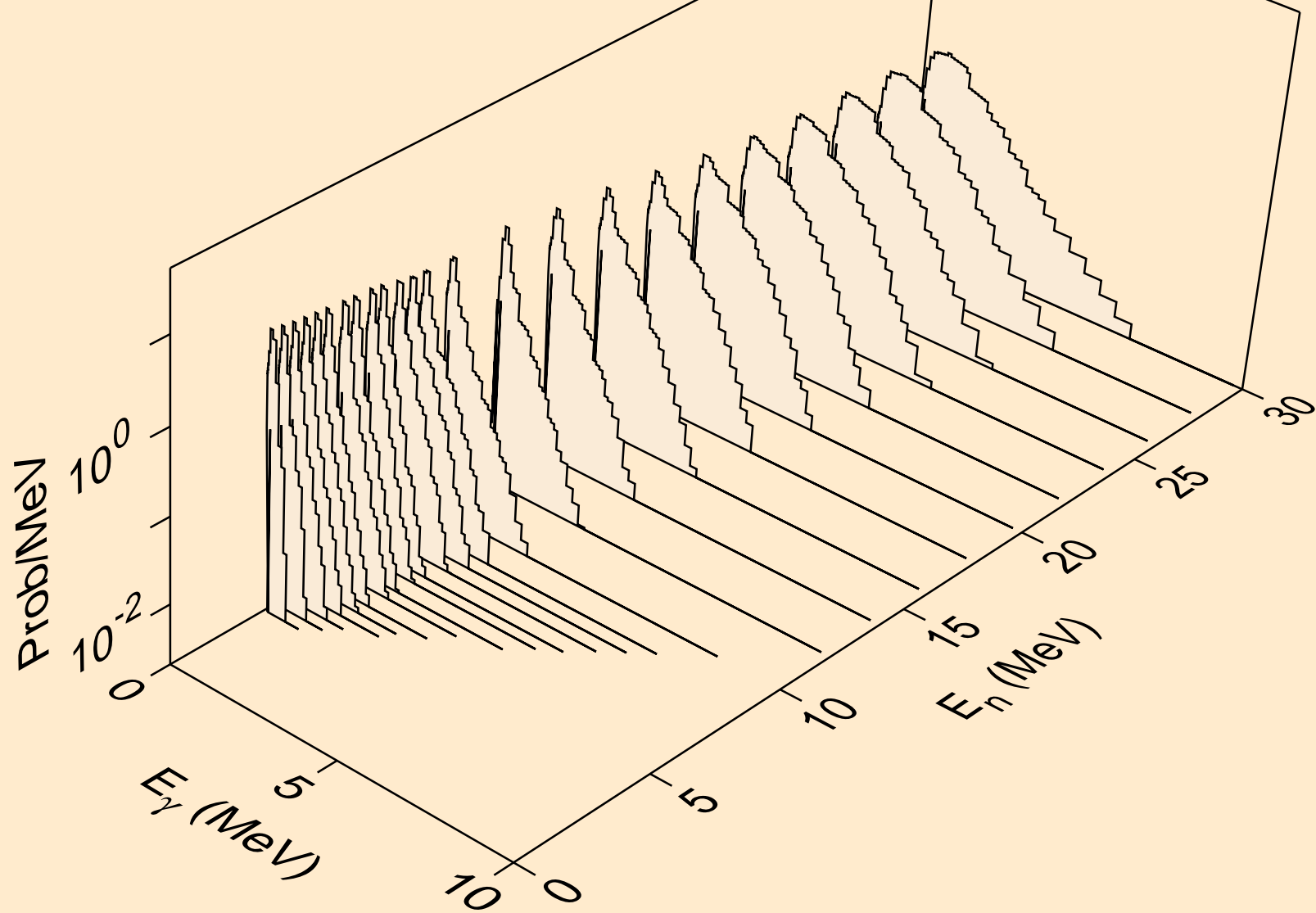
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



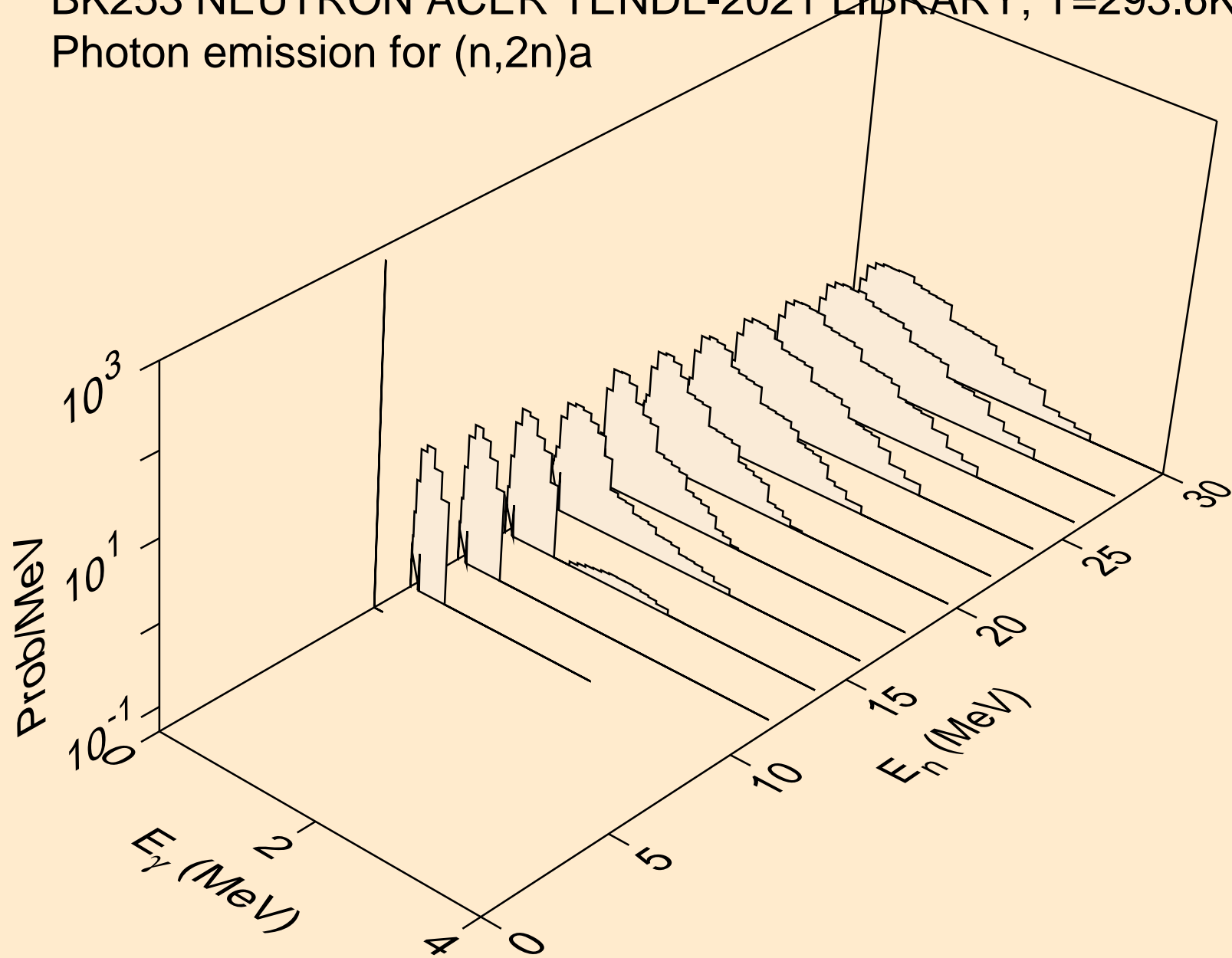
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

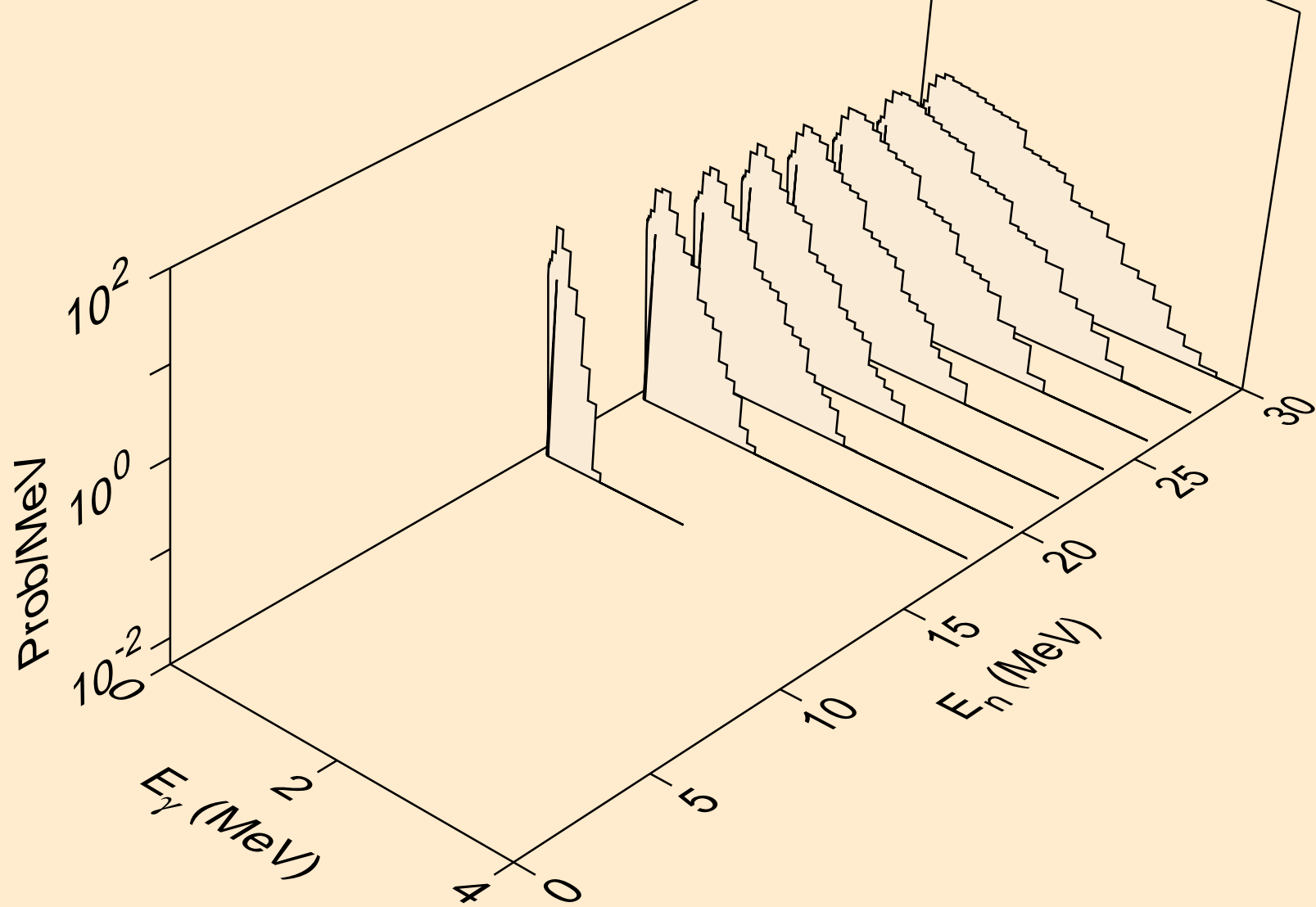


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

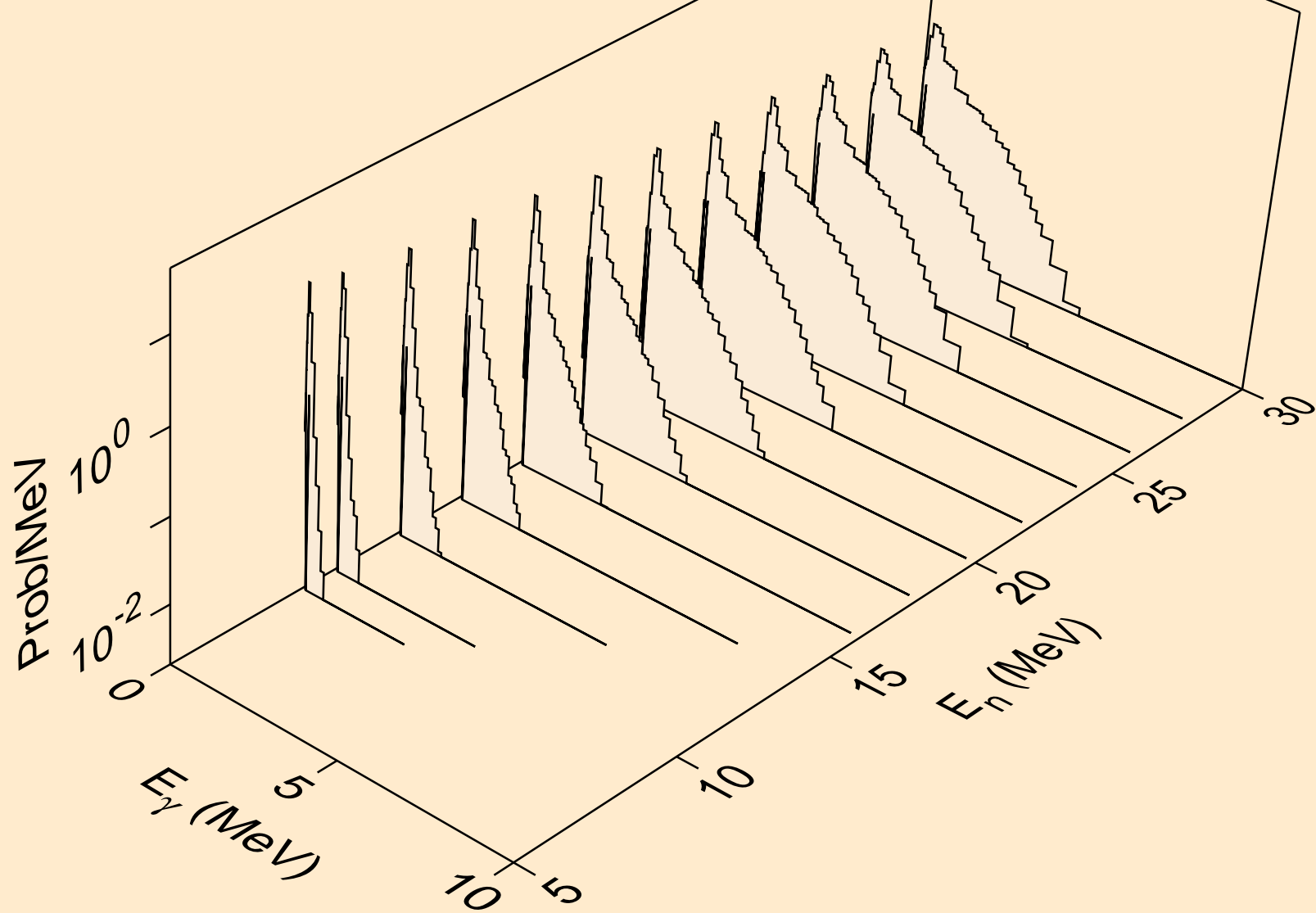




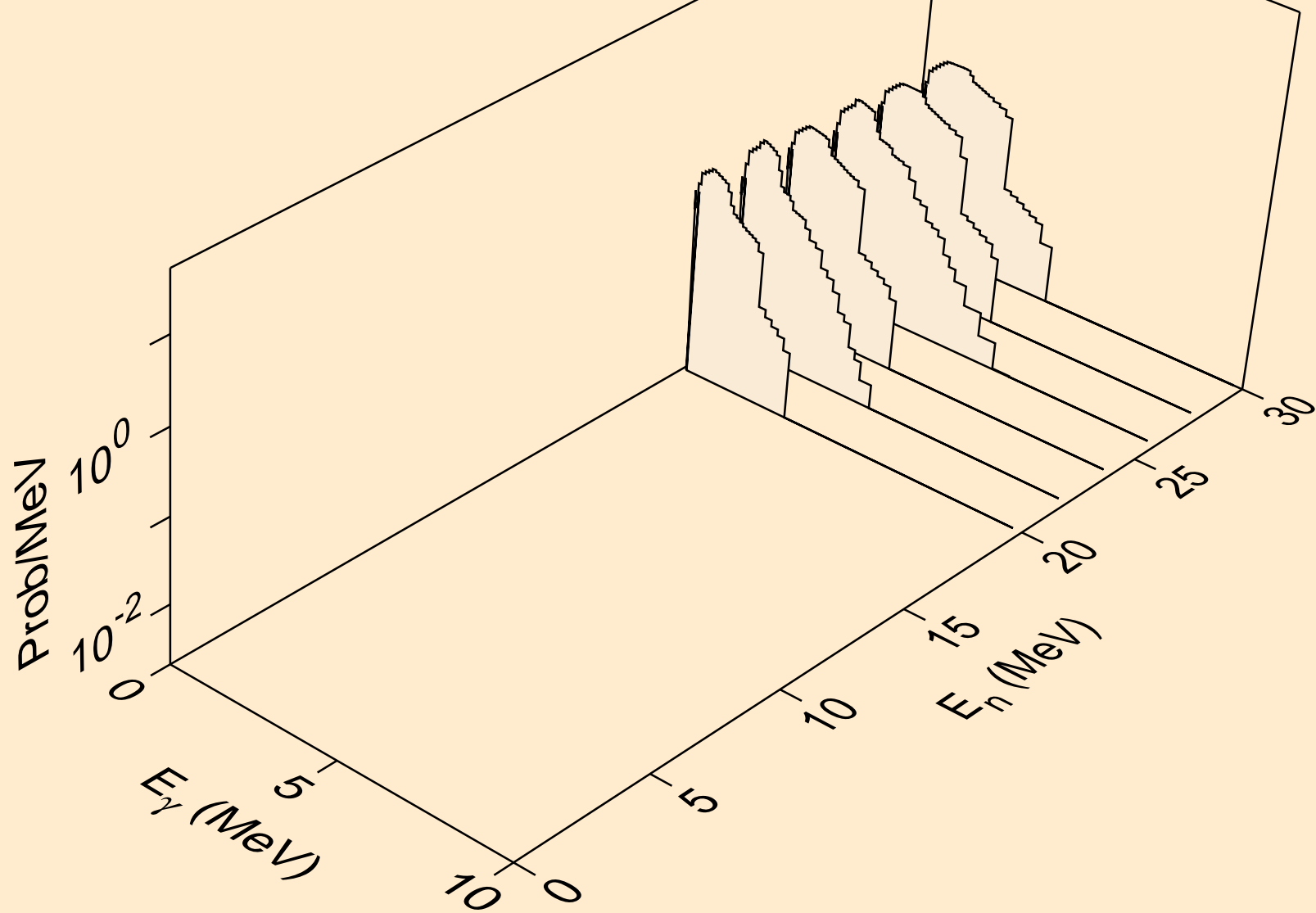
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



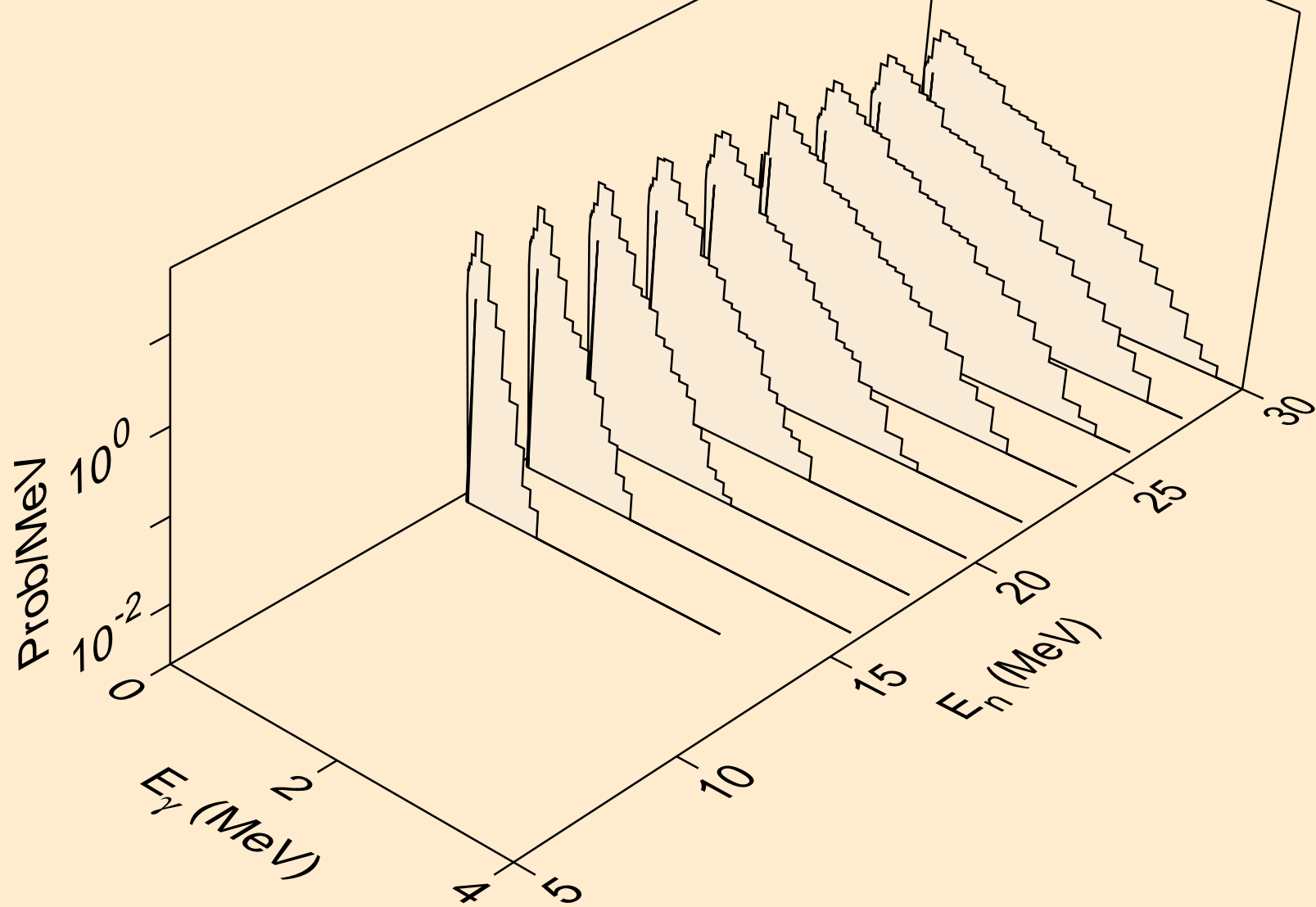
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



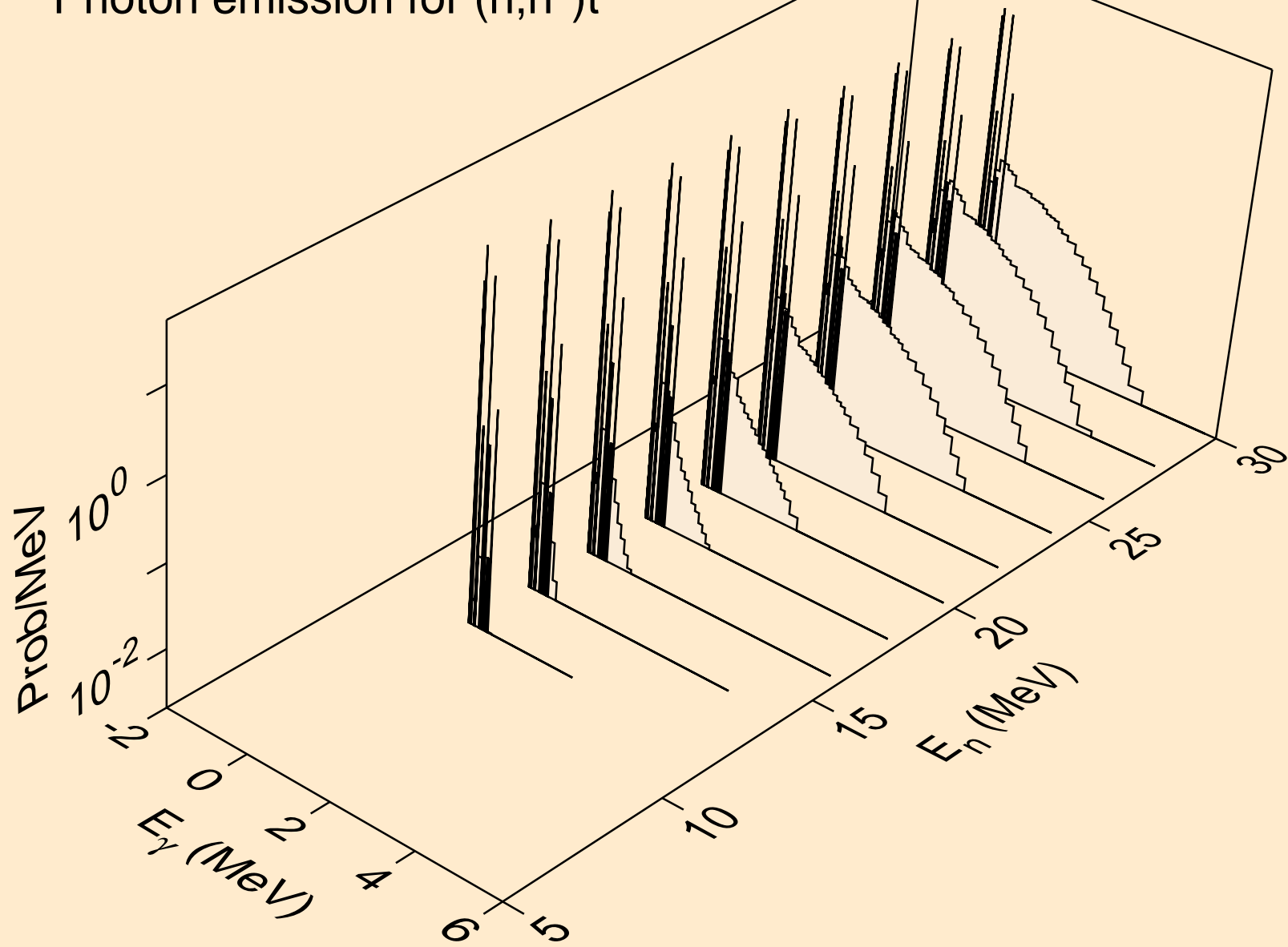
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



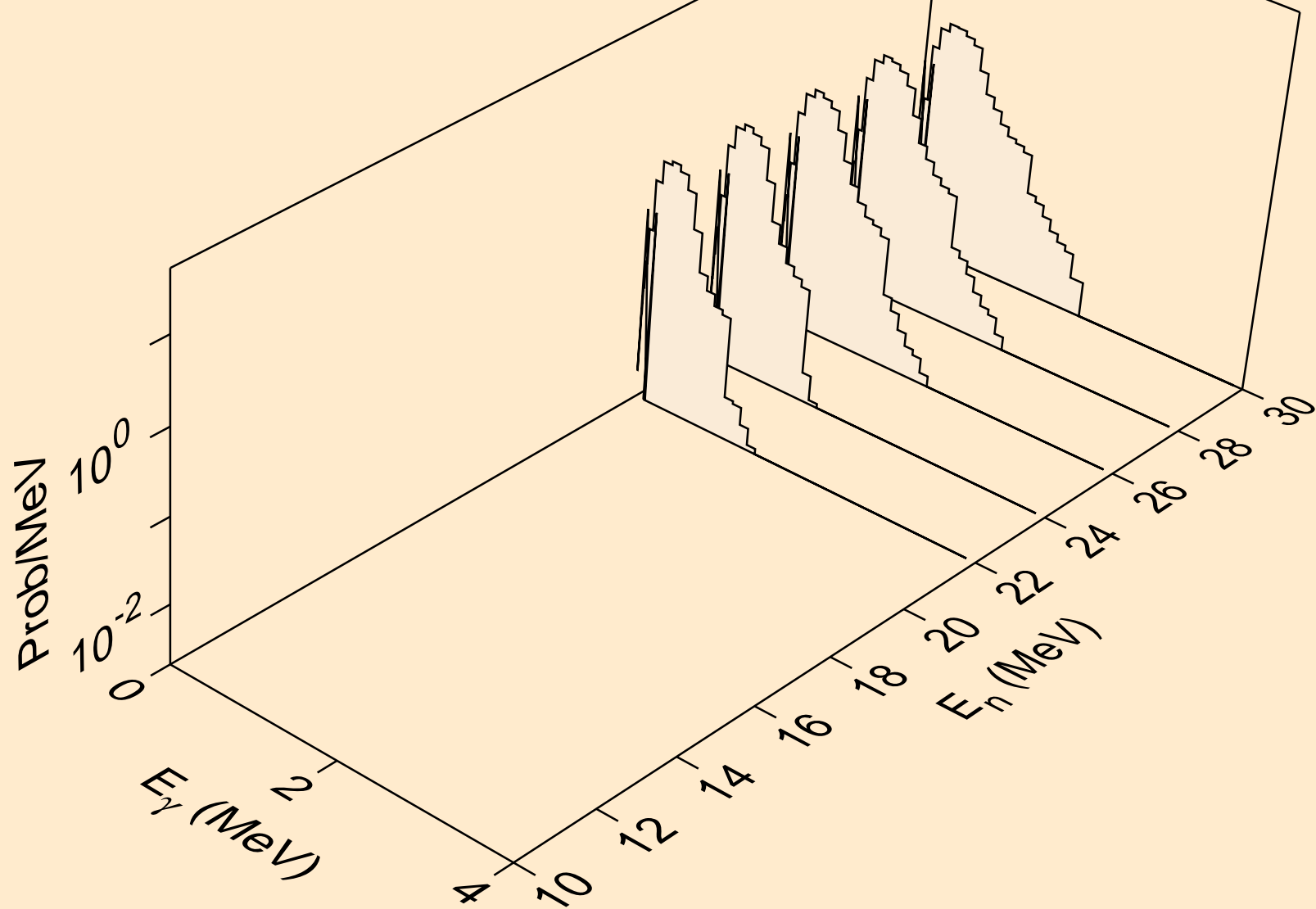
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



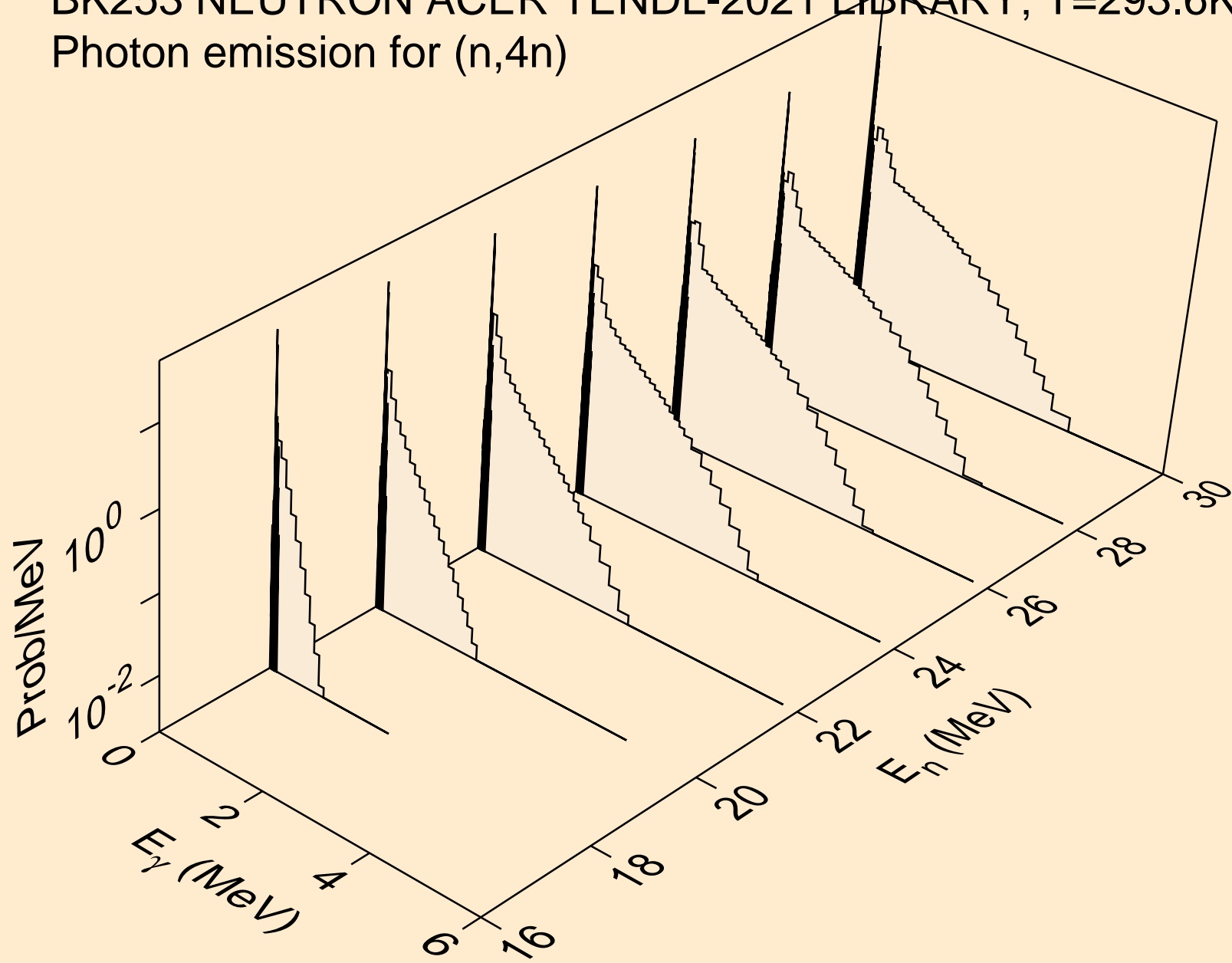
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



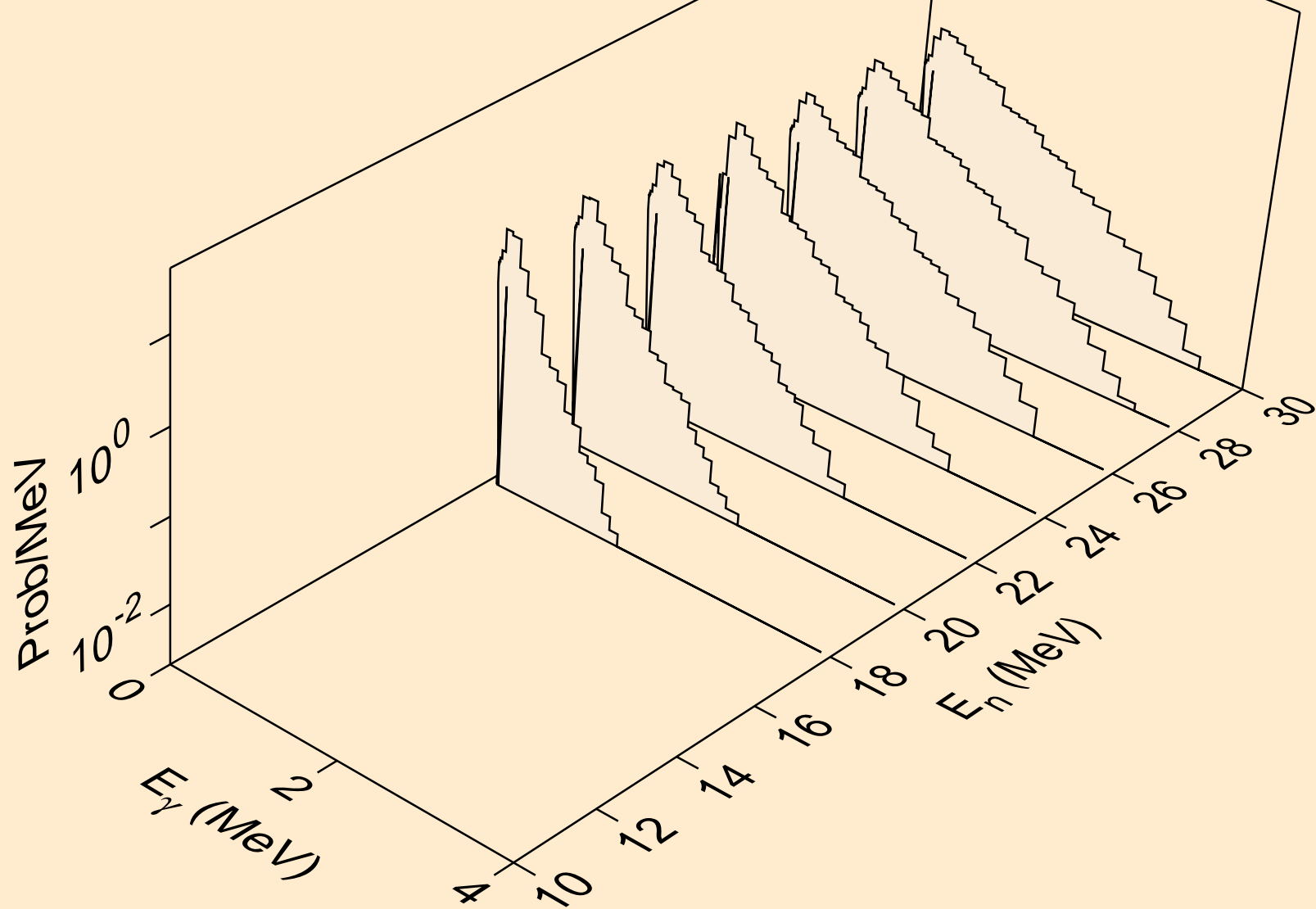
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

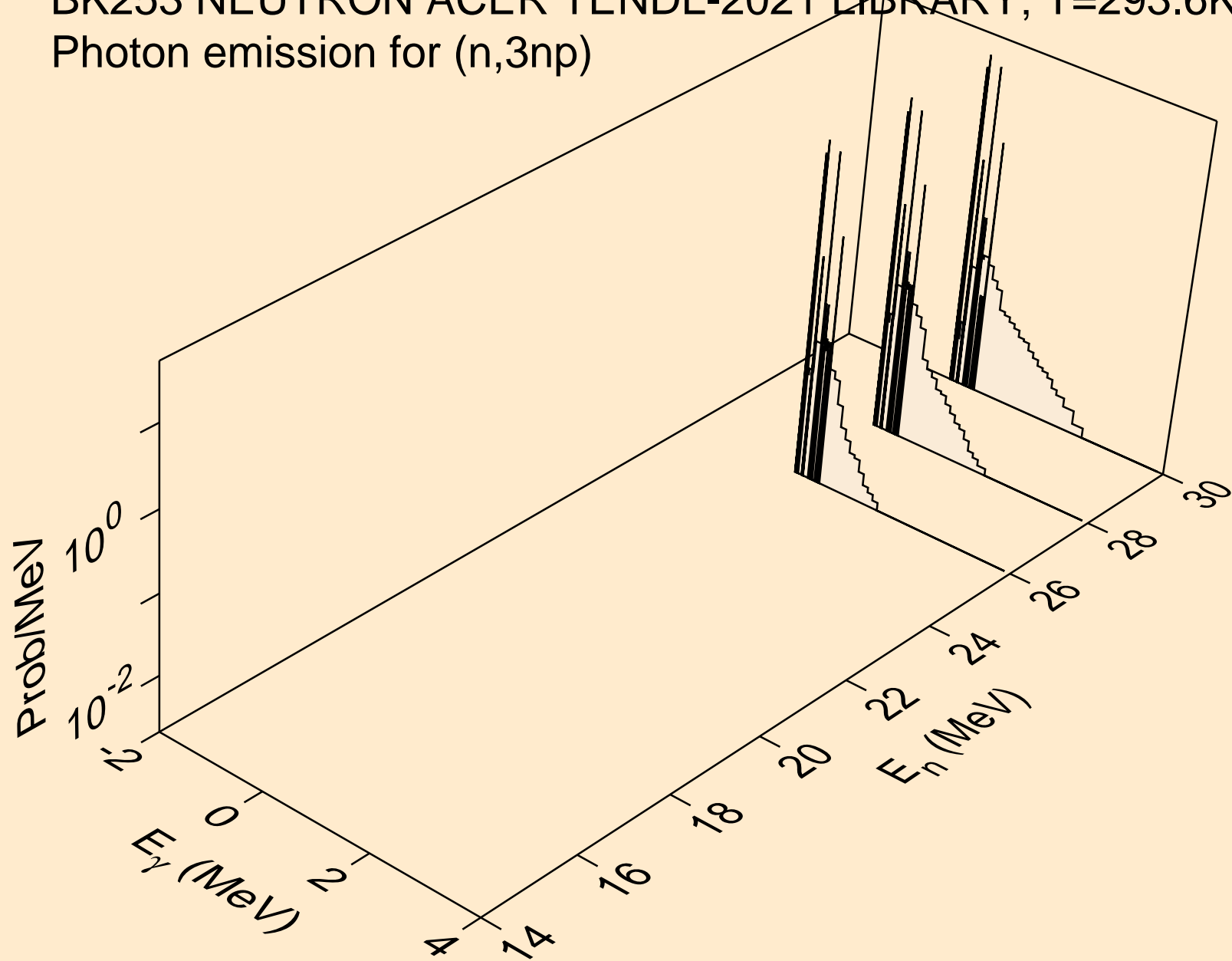


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

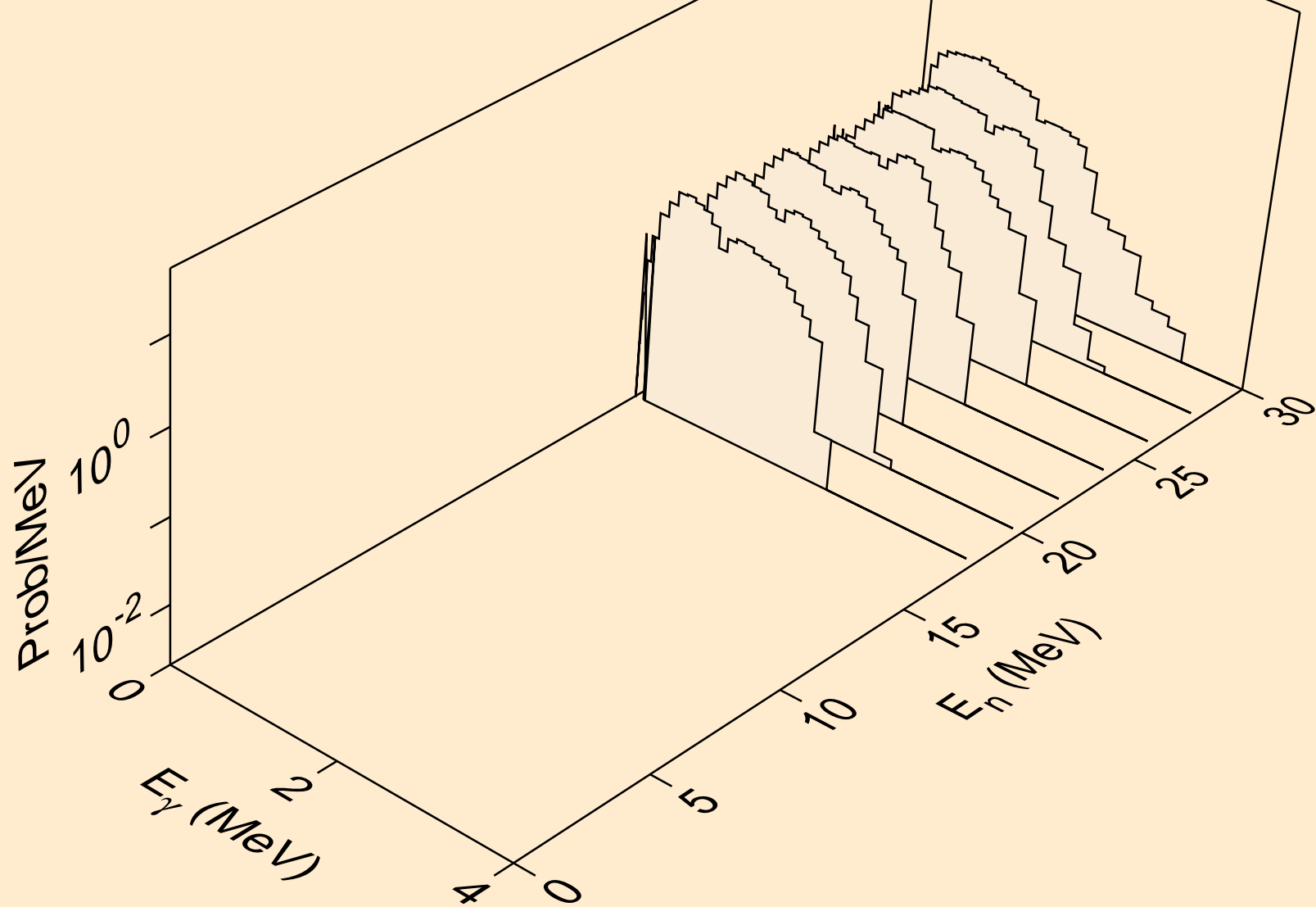




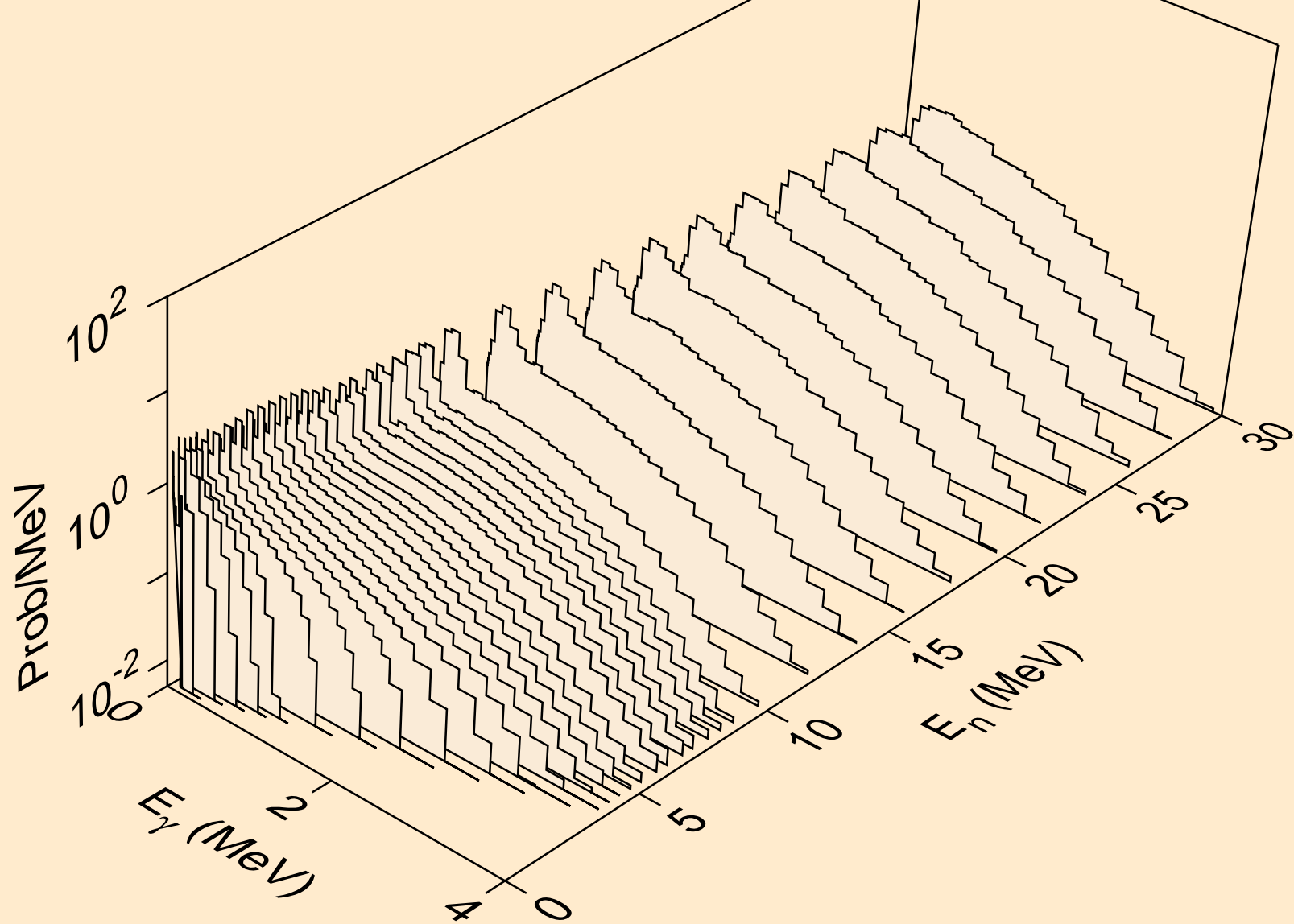
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



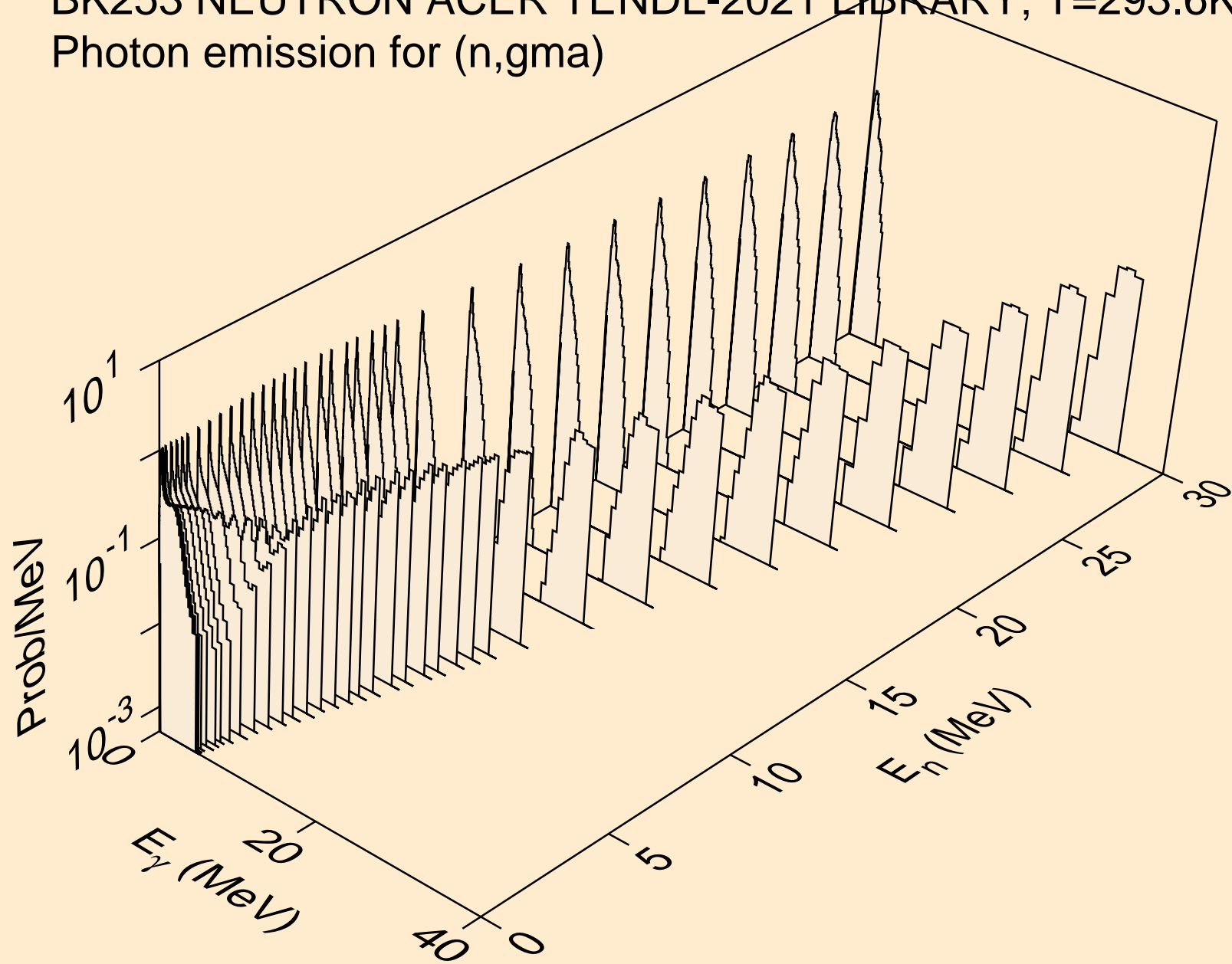
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



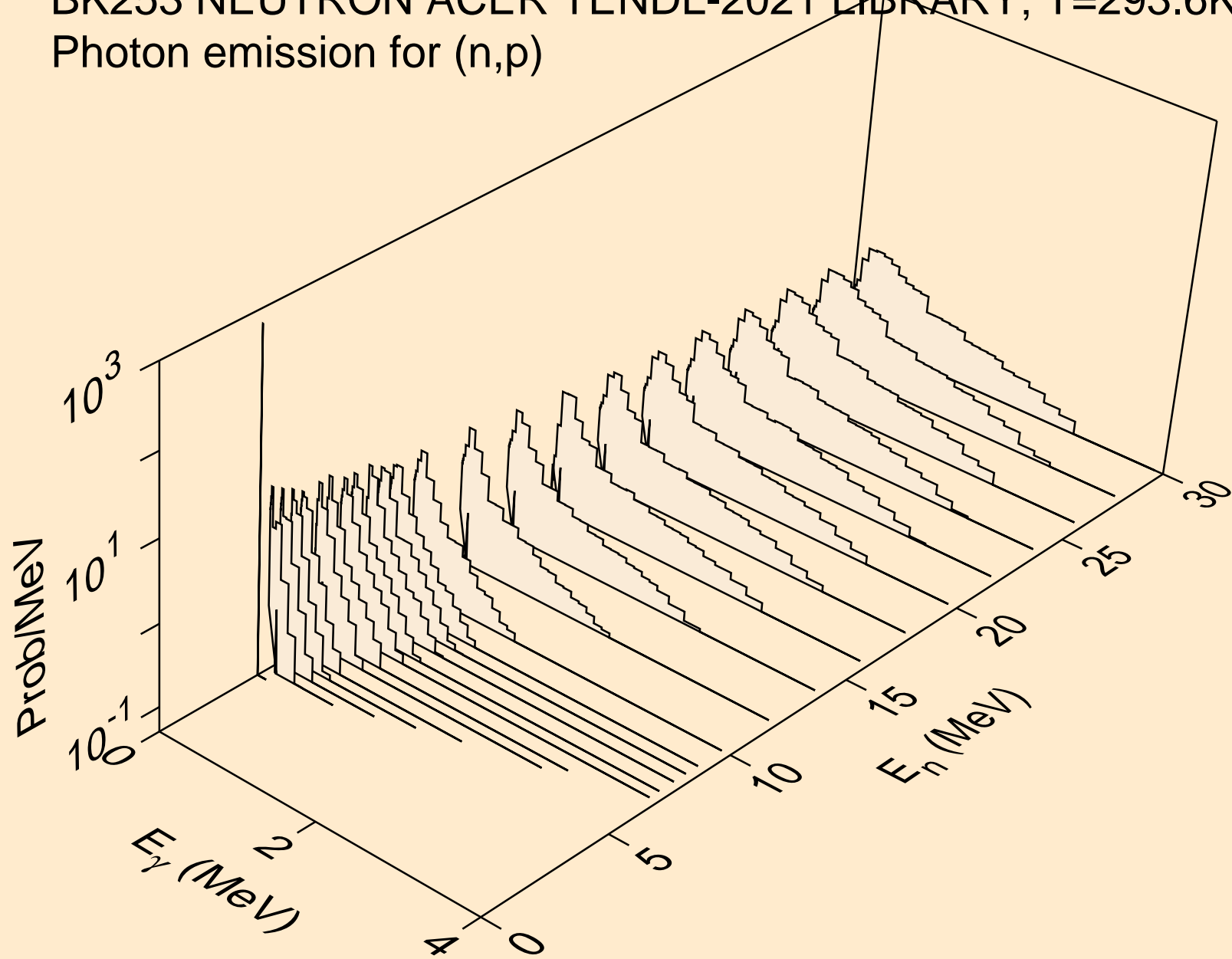
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



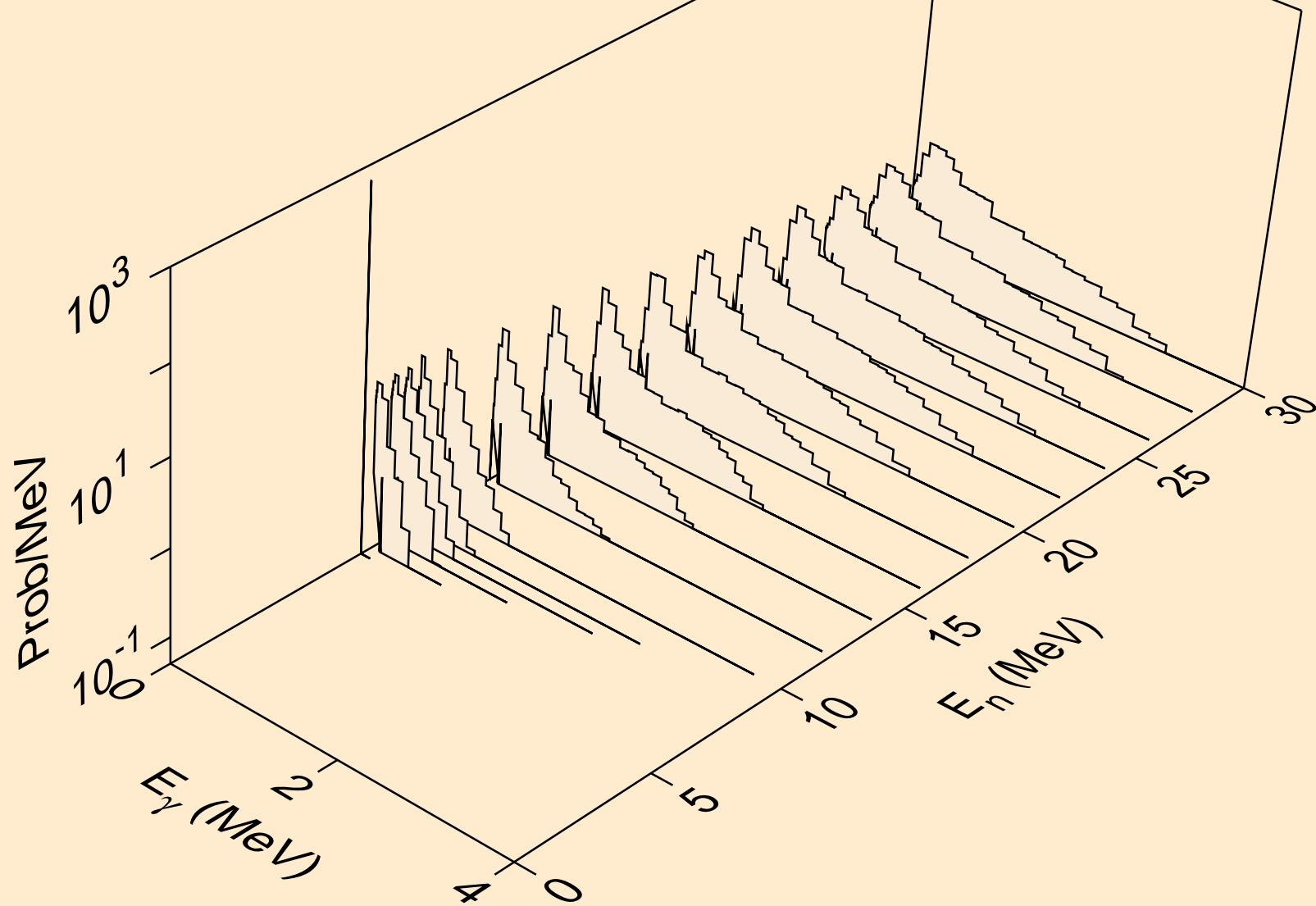
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



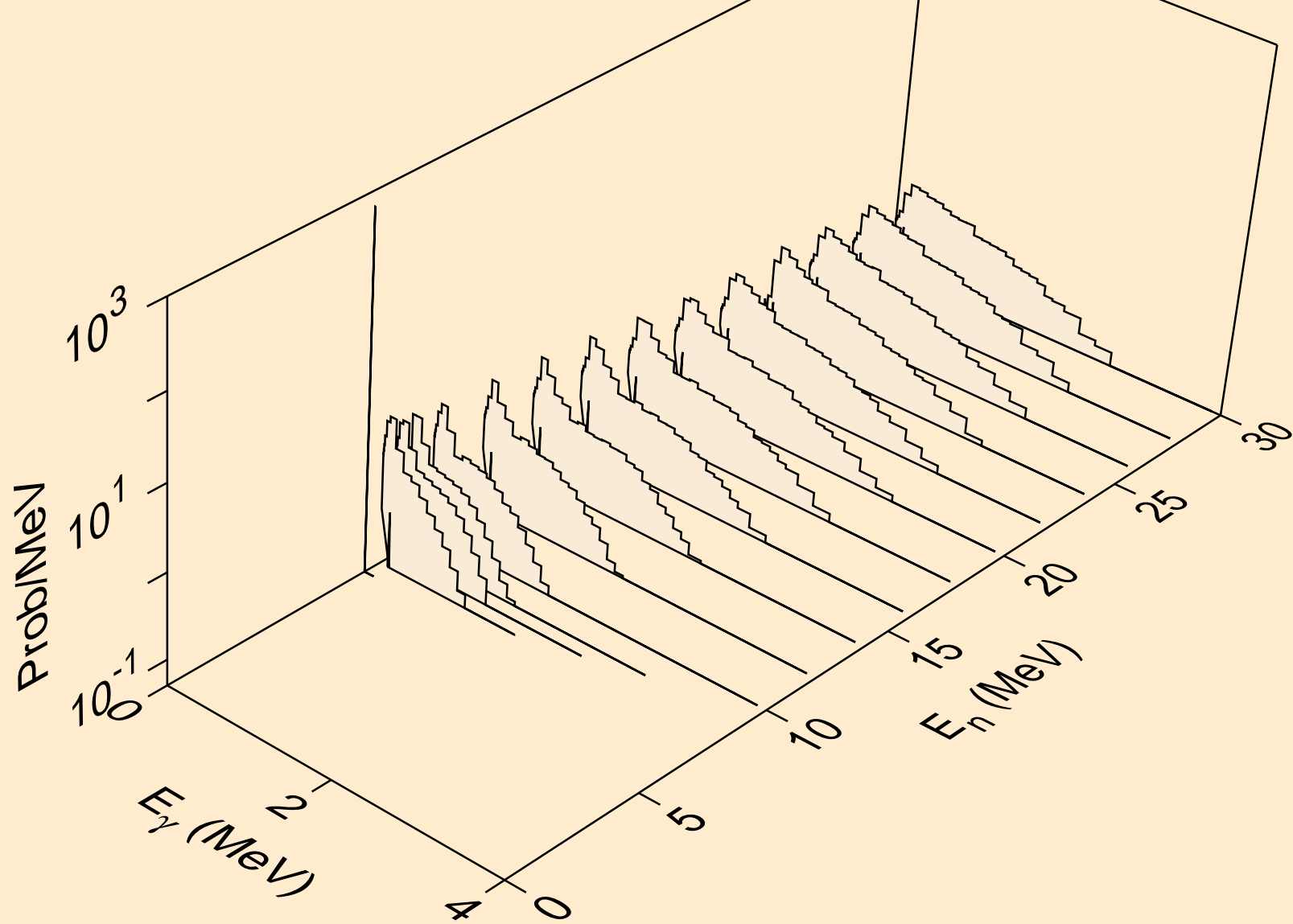
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



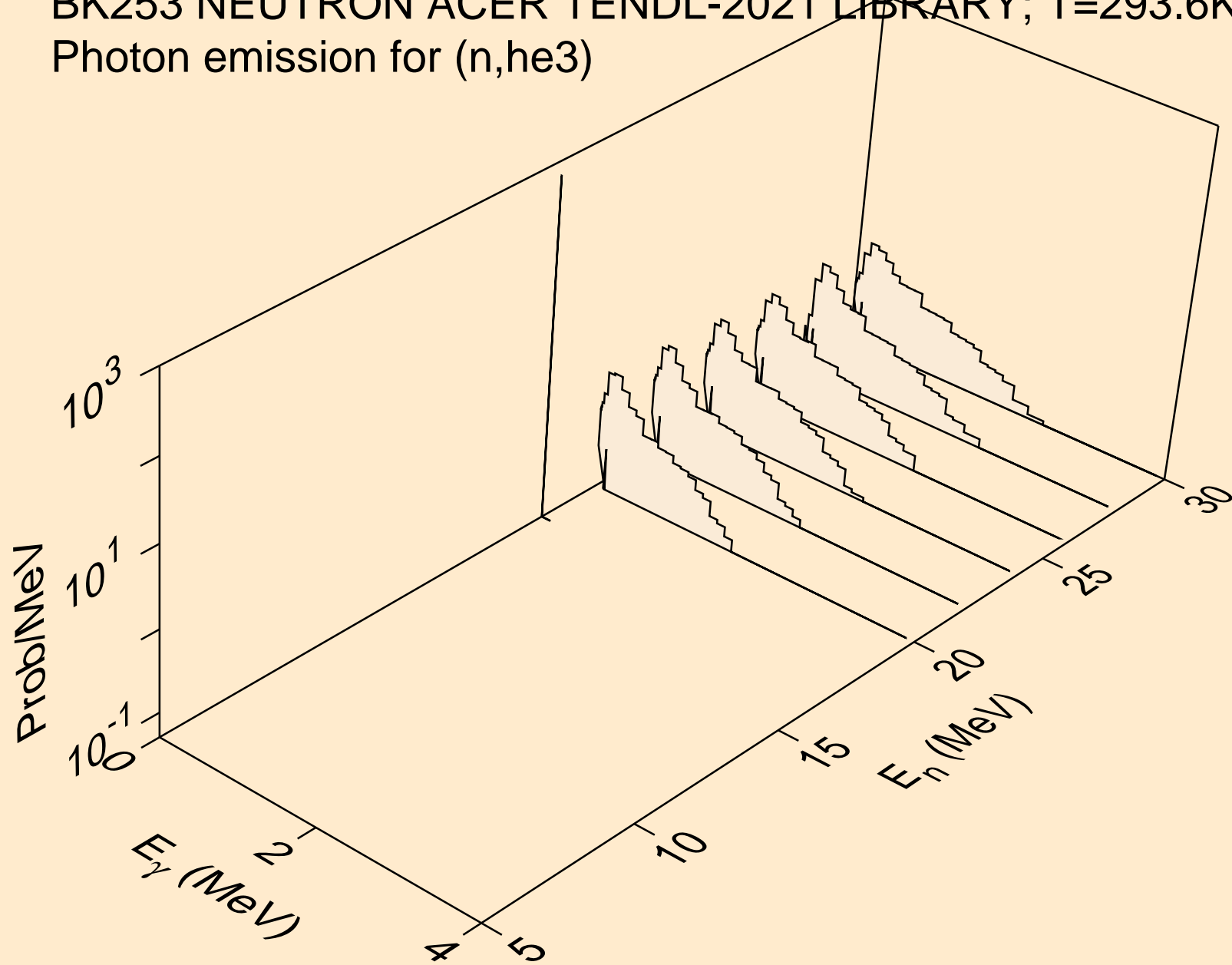
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

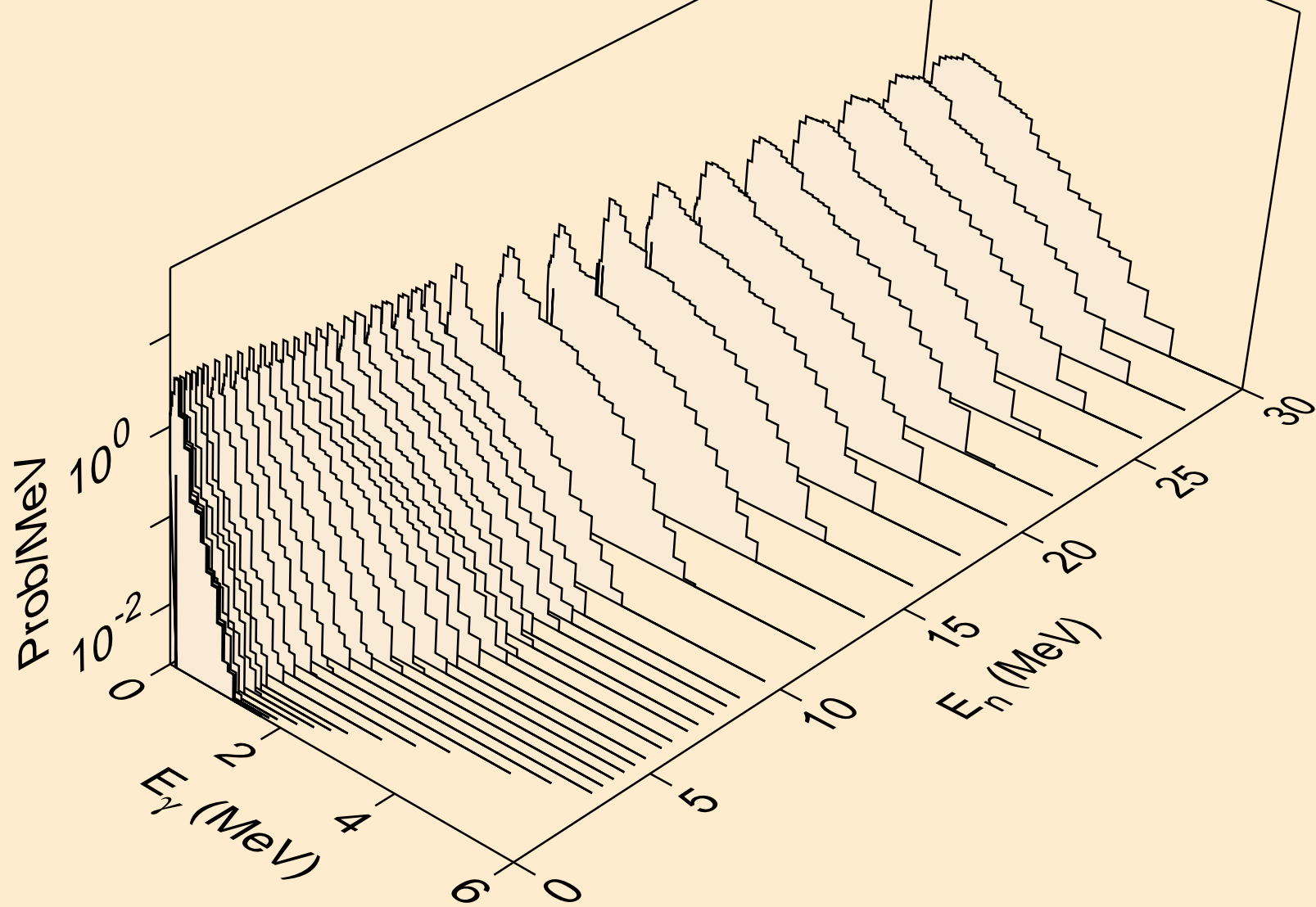


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

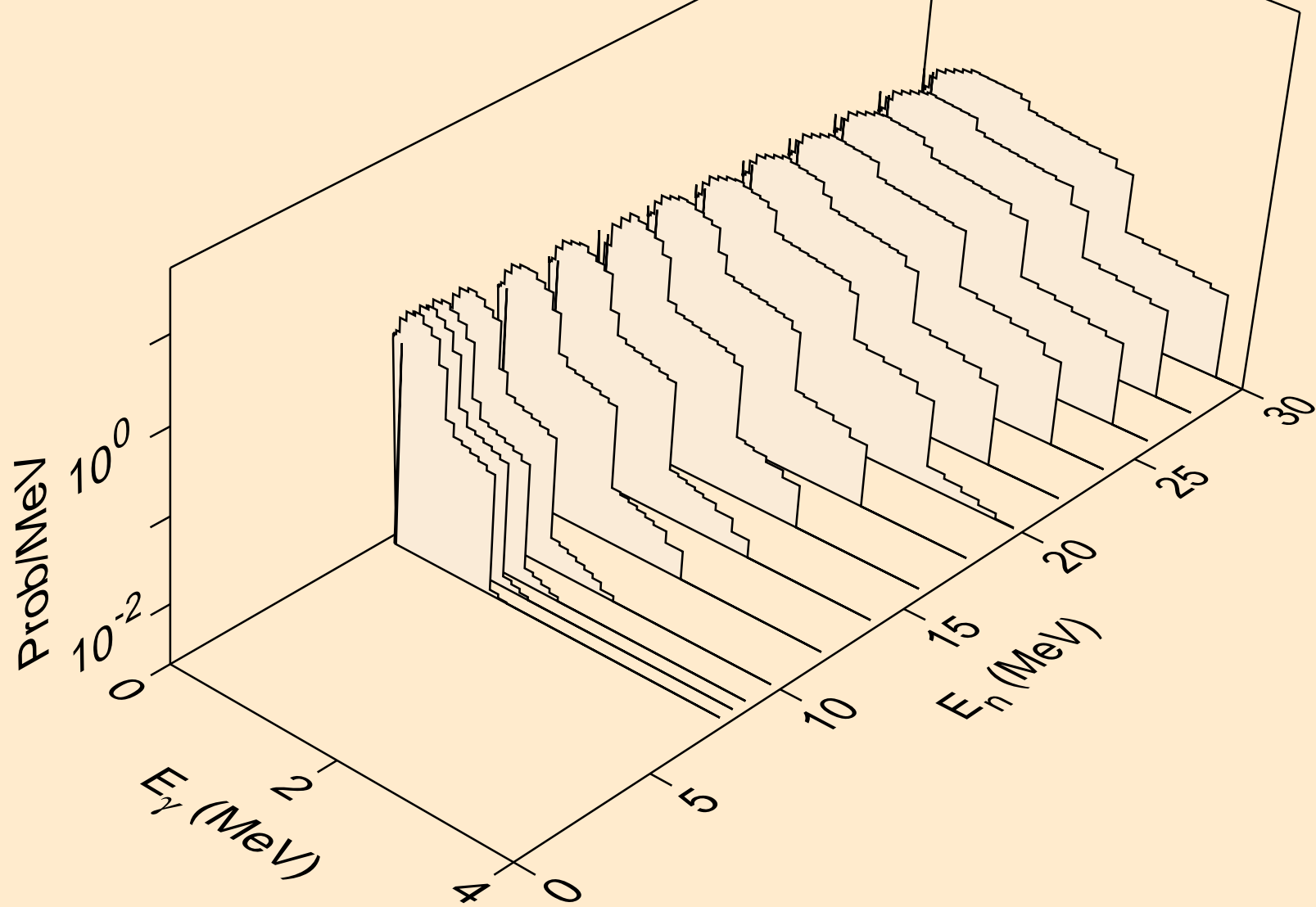




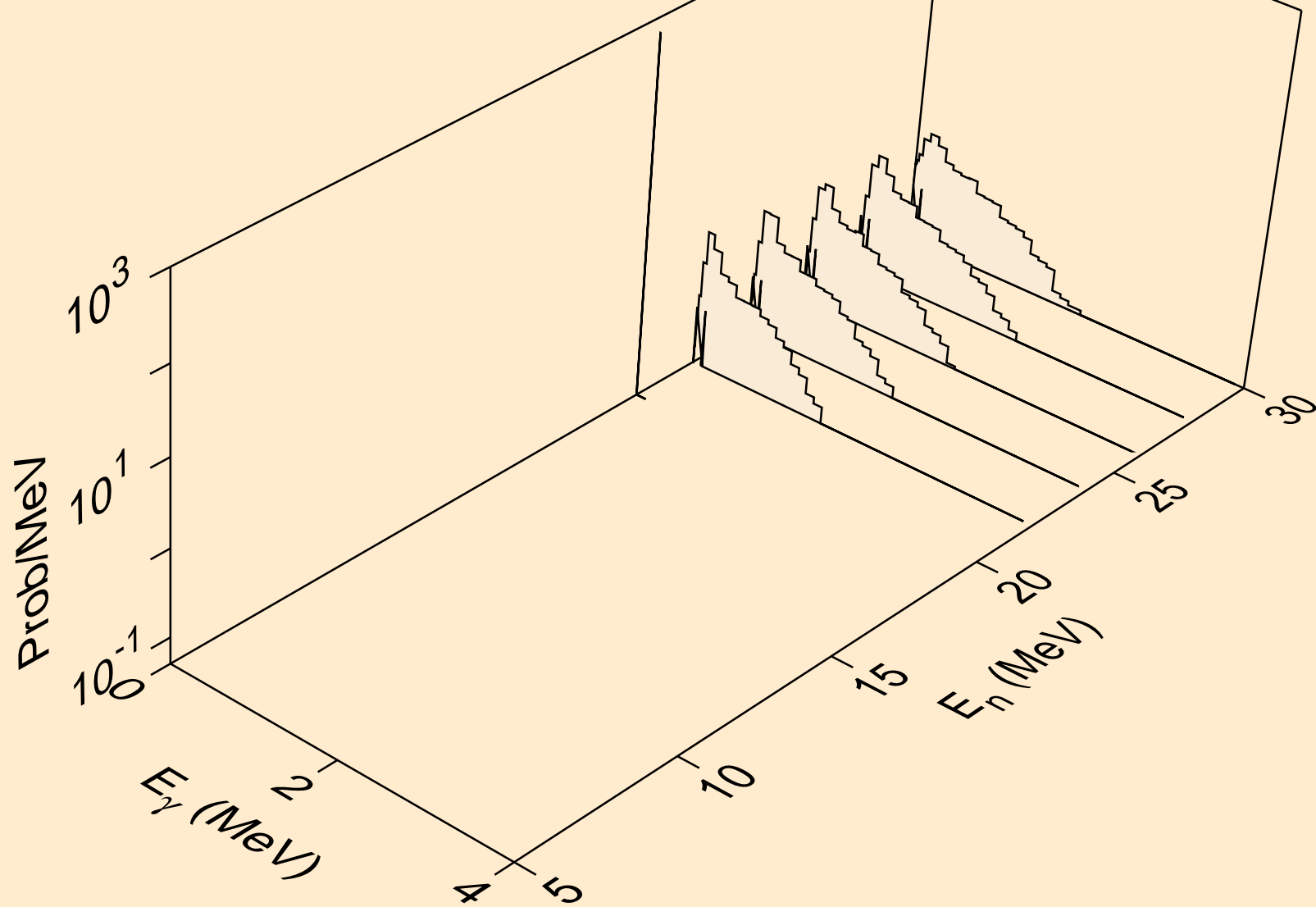
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



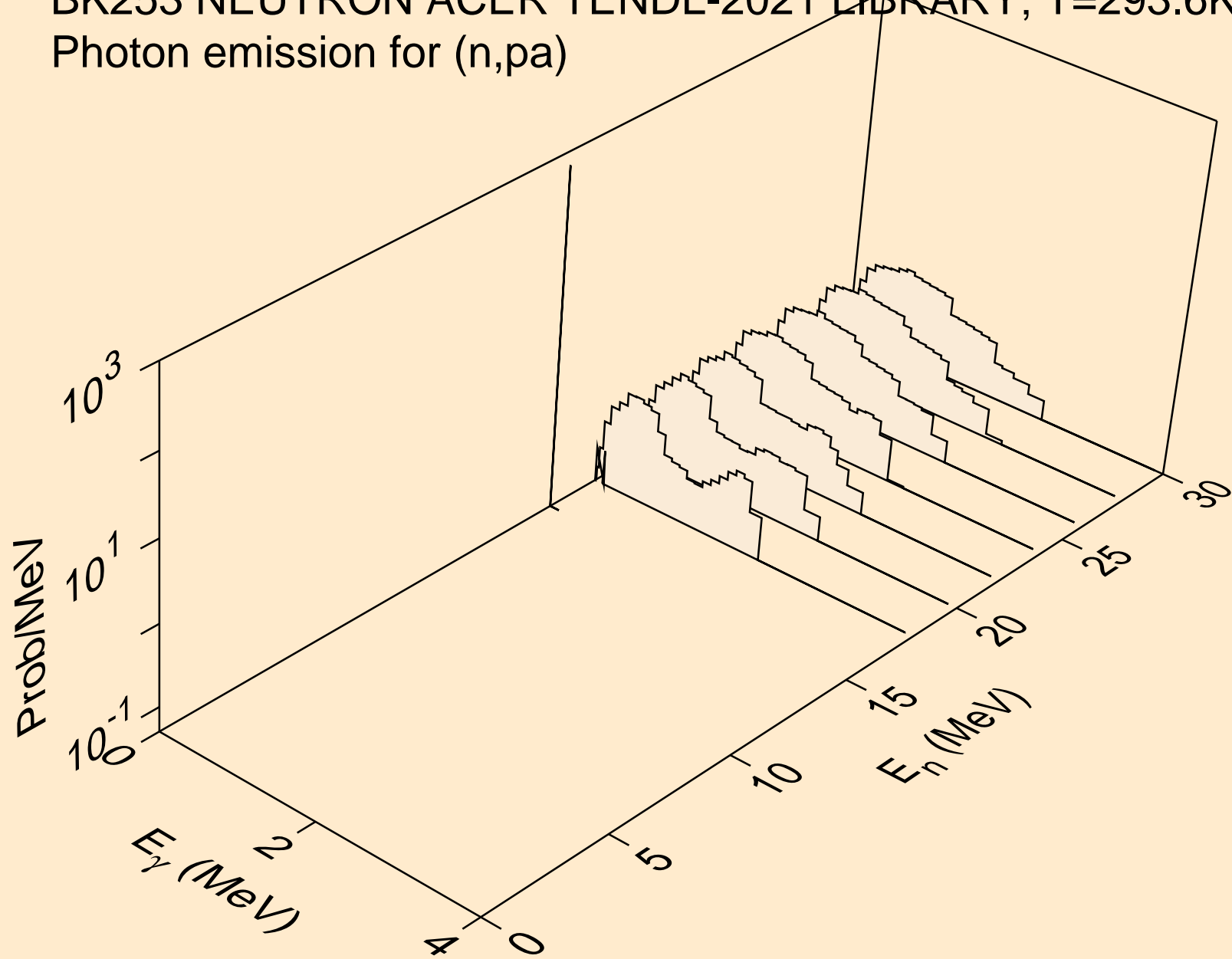
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



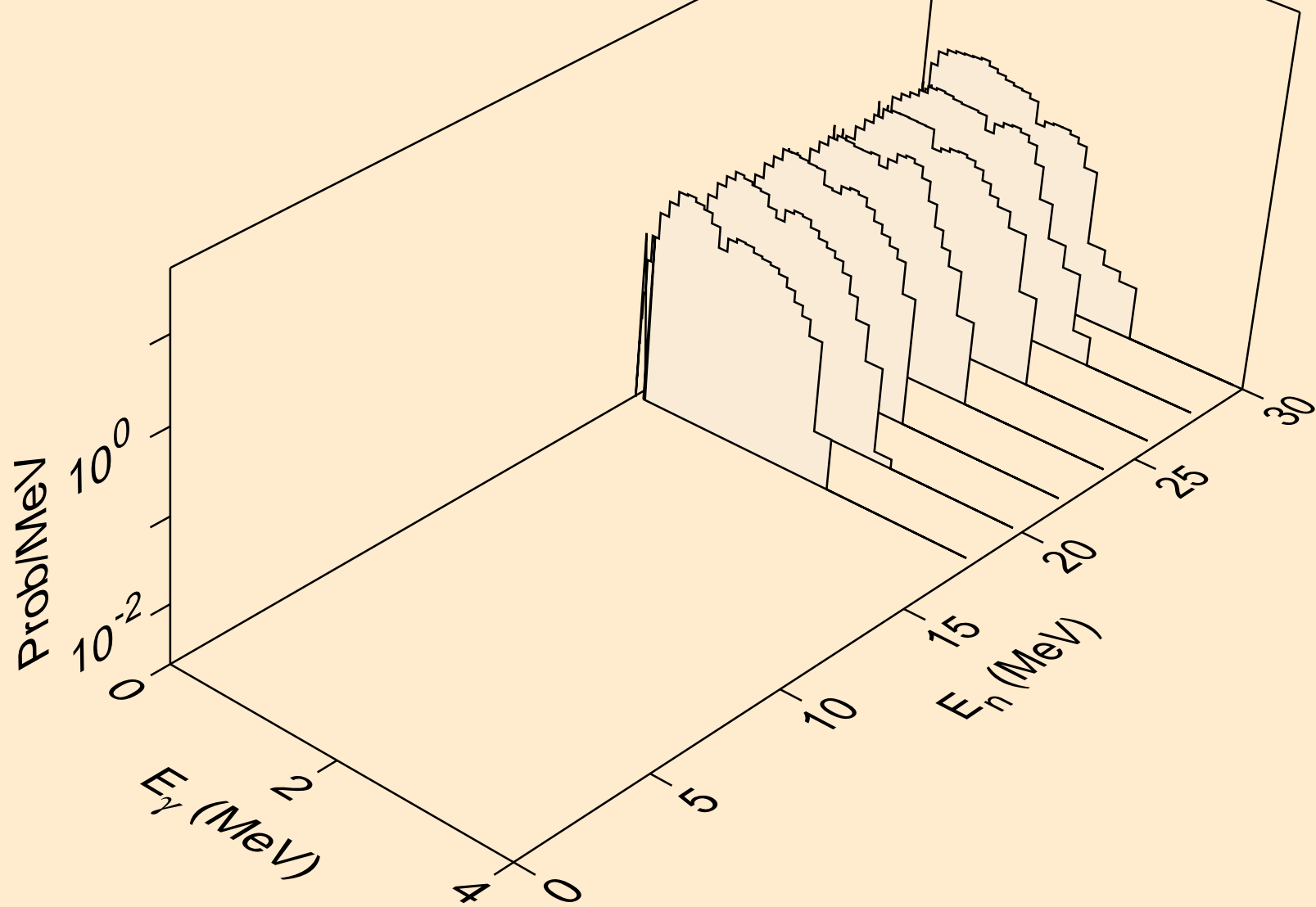
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



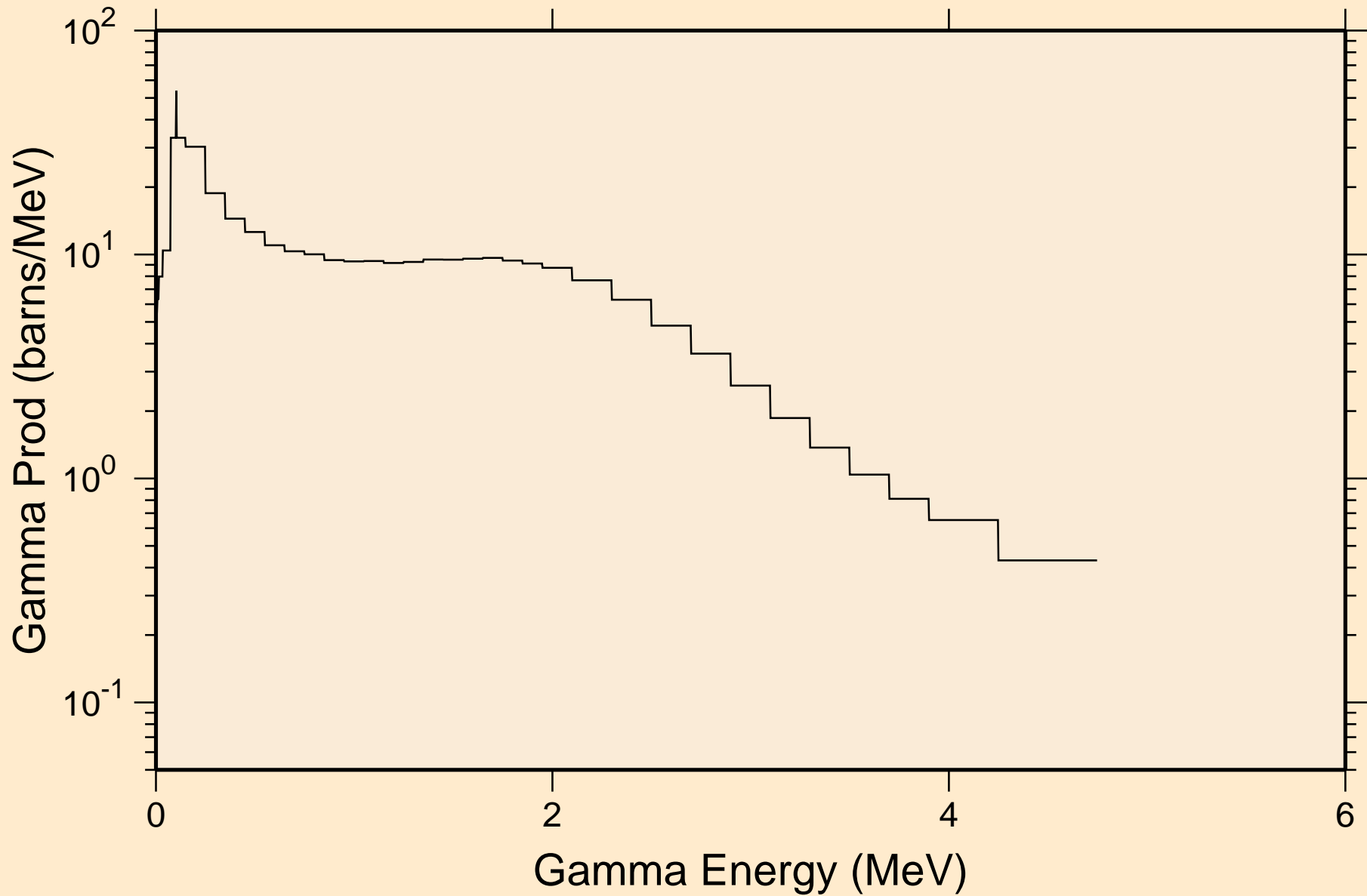
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



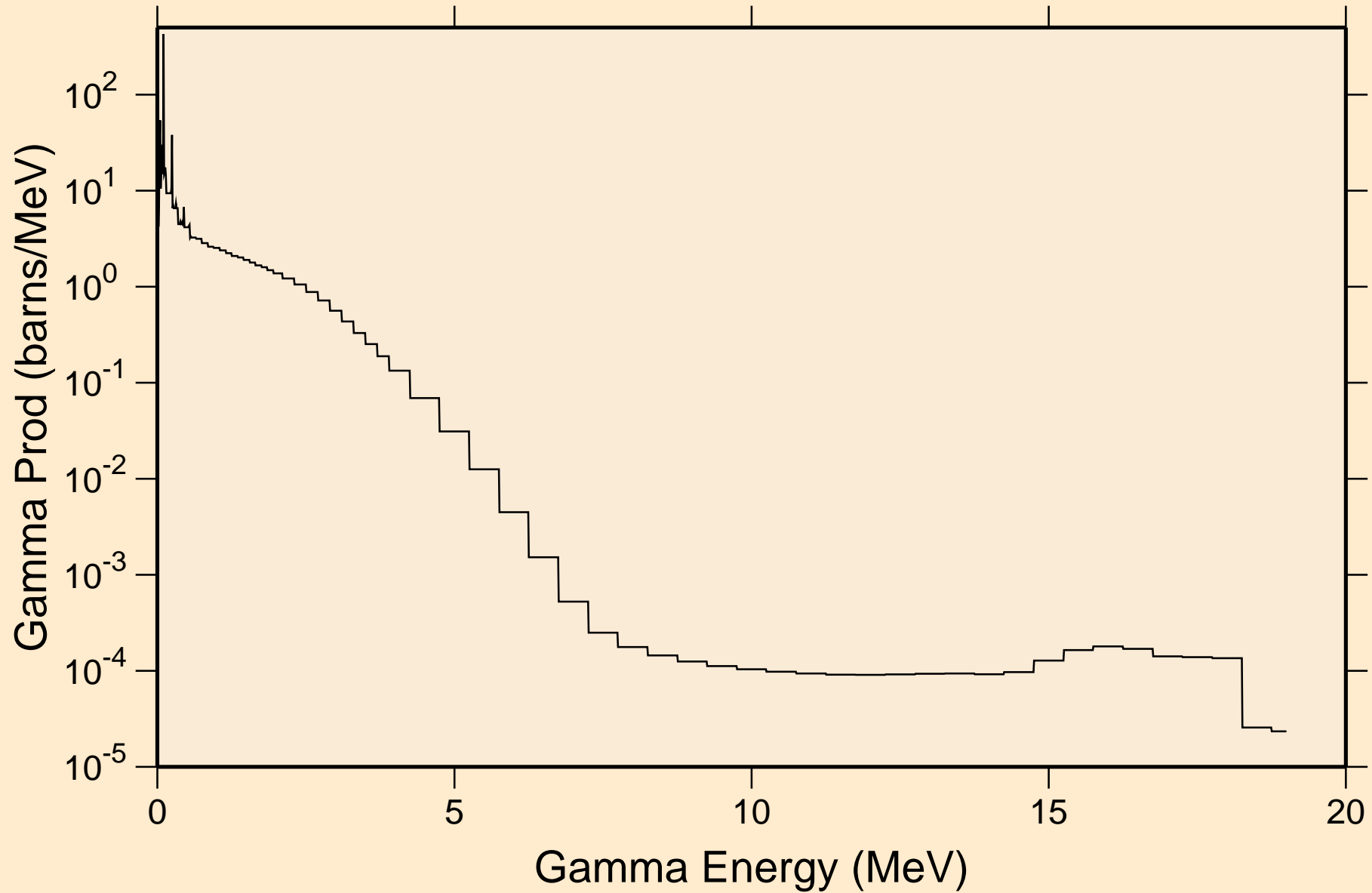
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

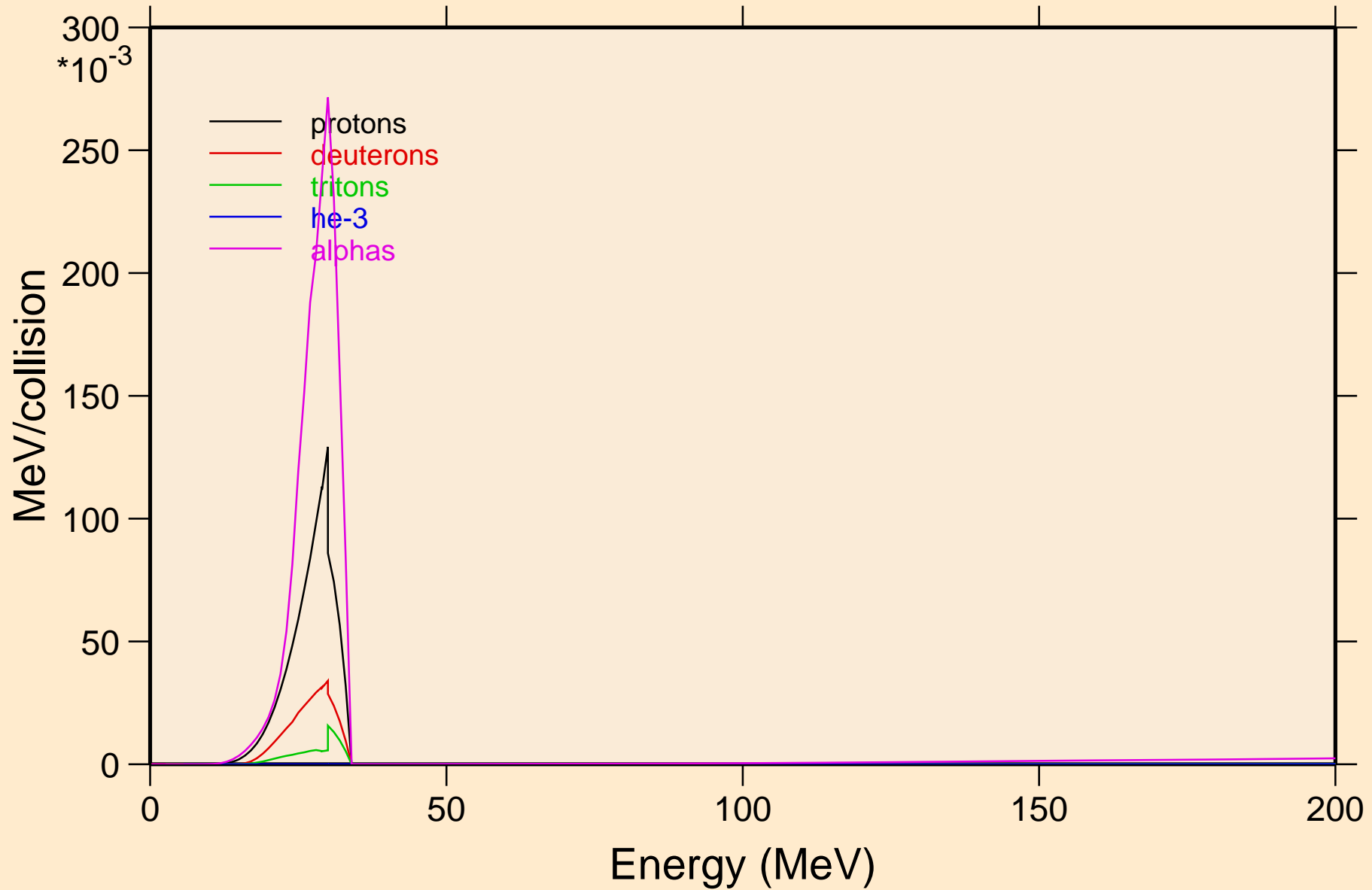


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



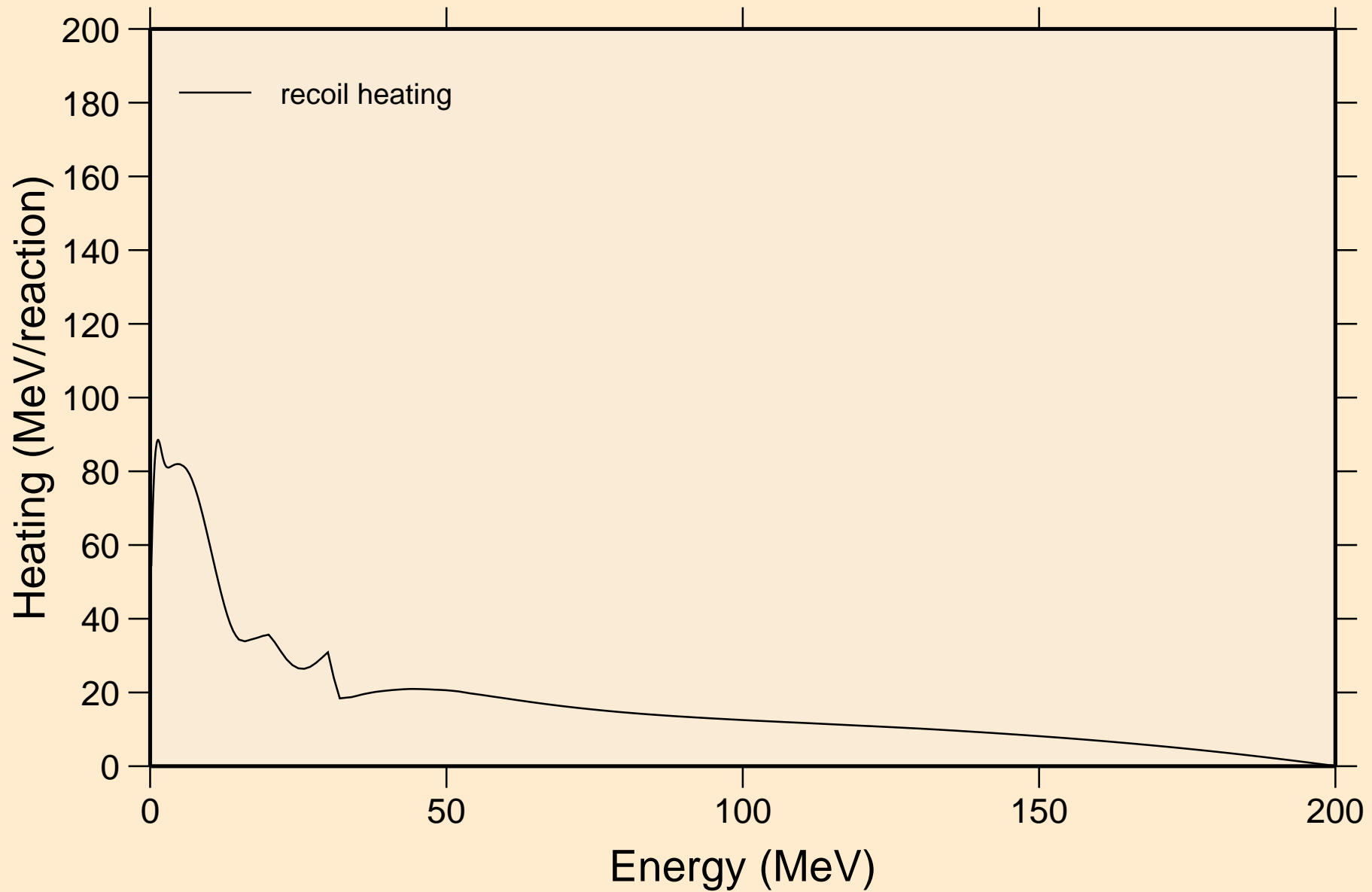
# BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

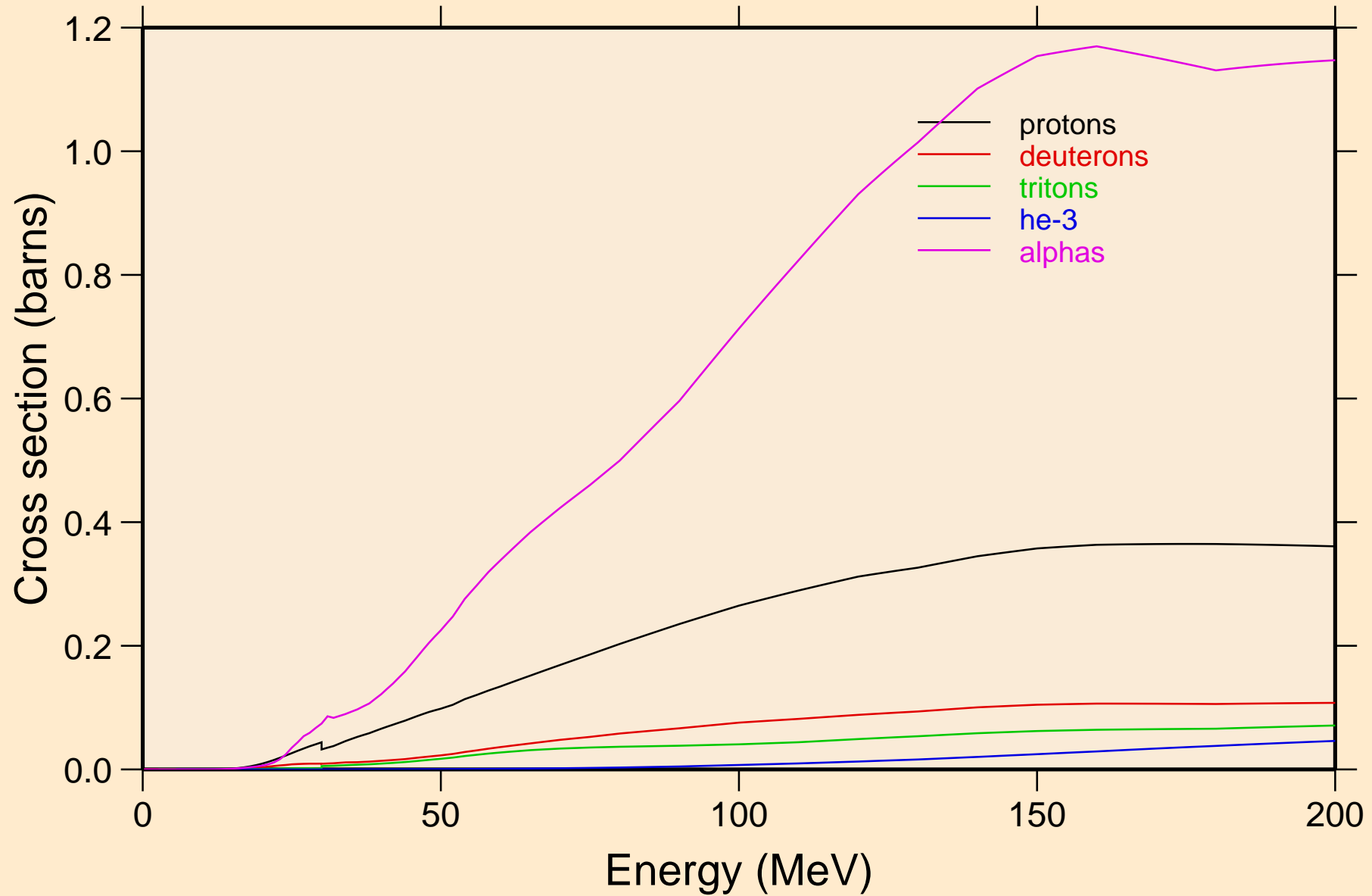




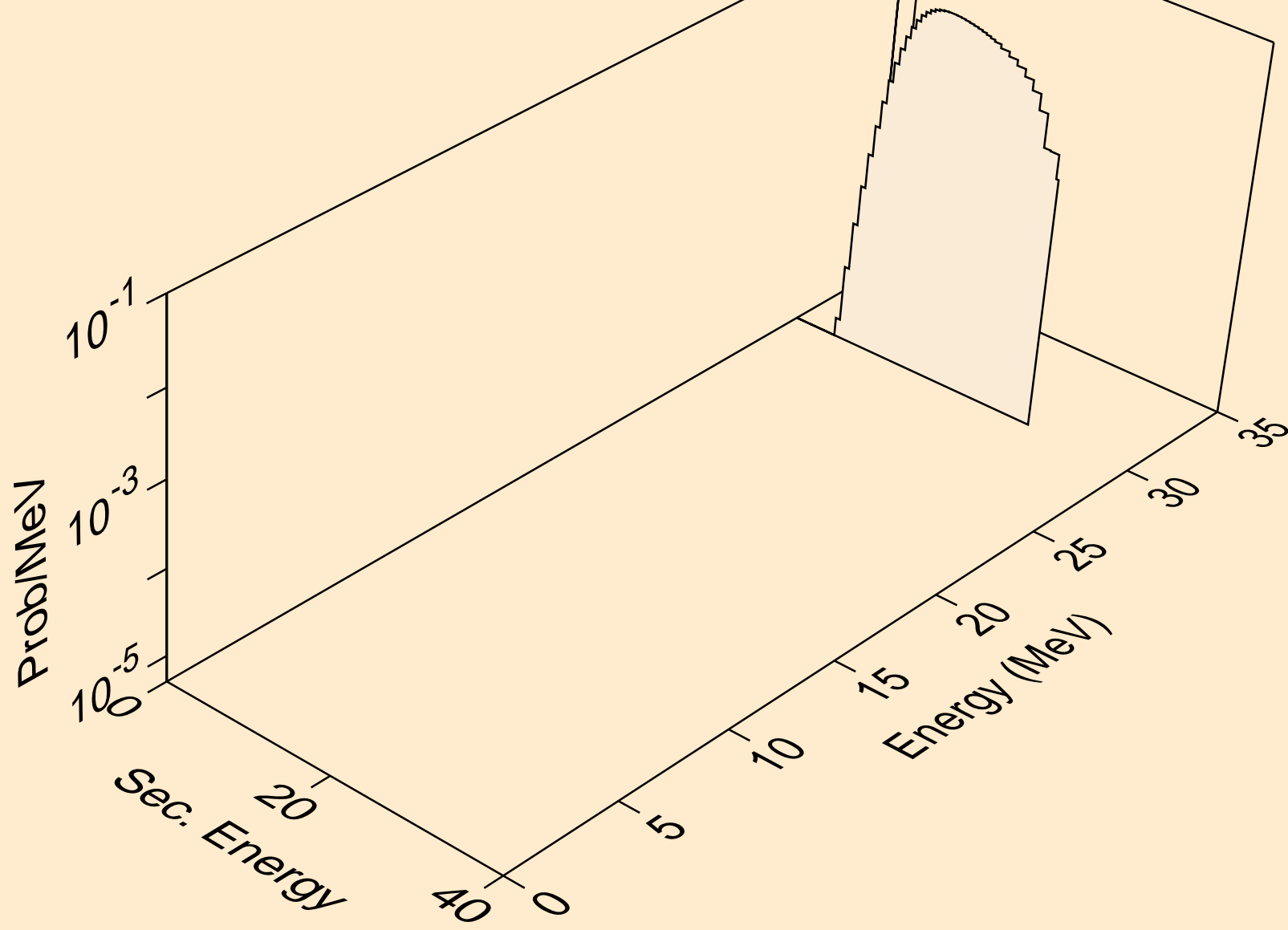
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



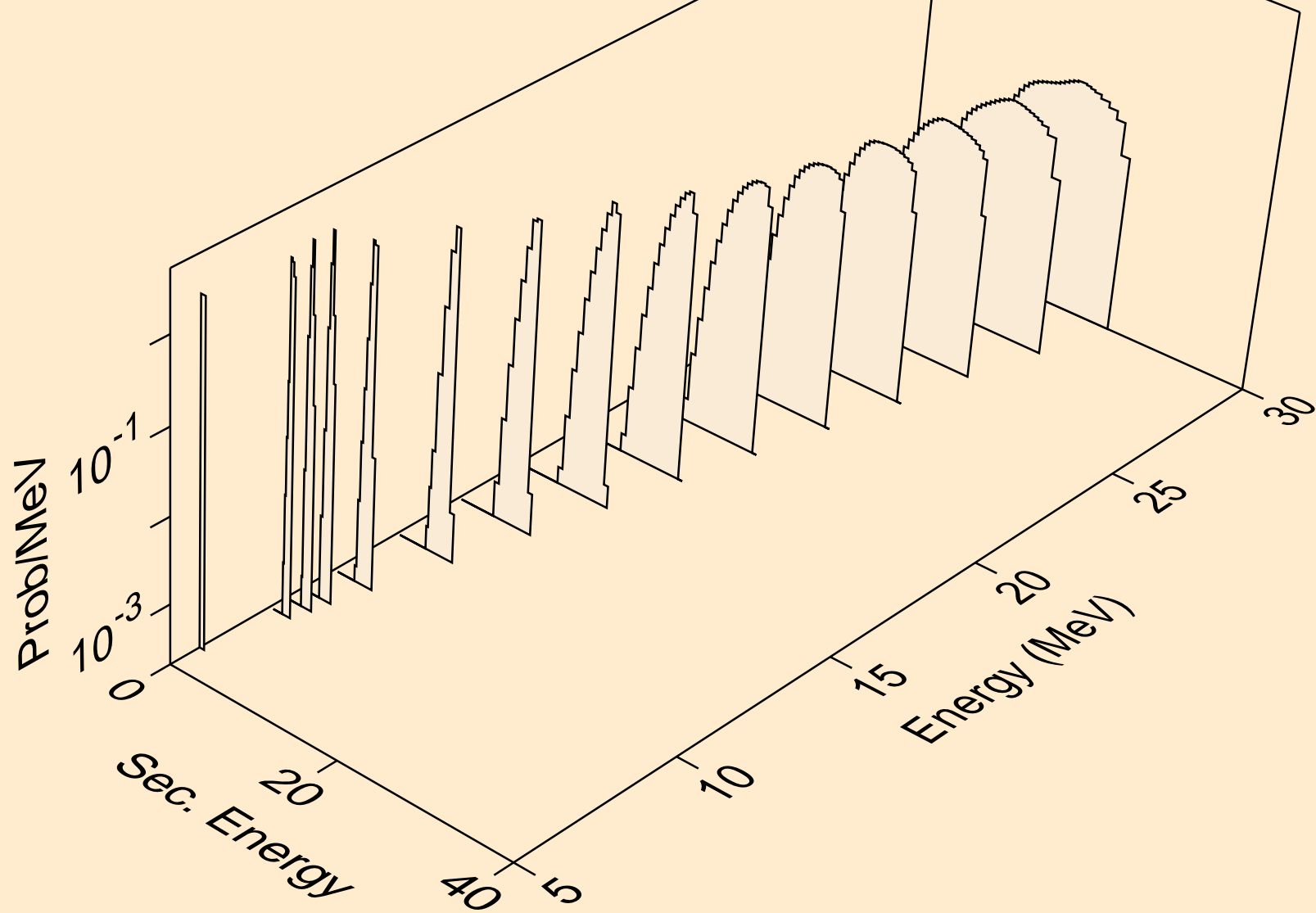
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



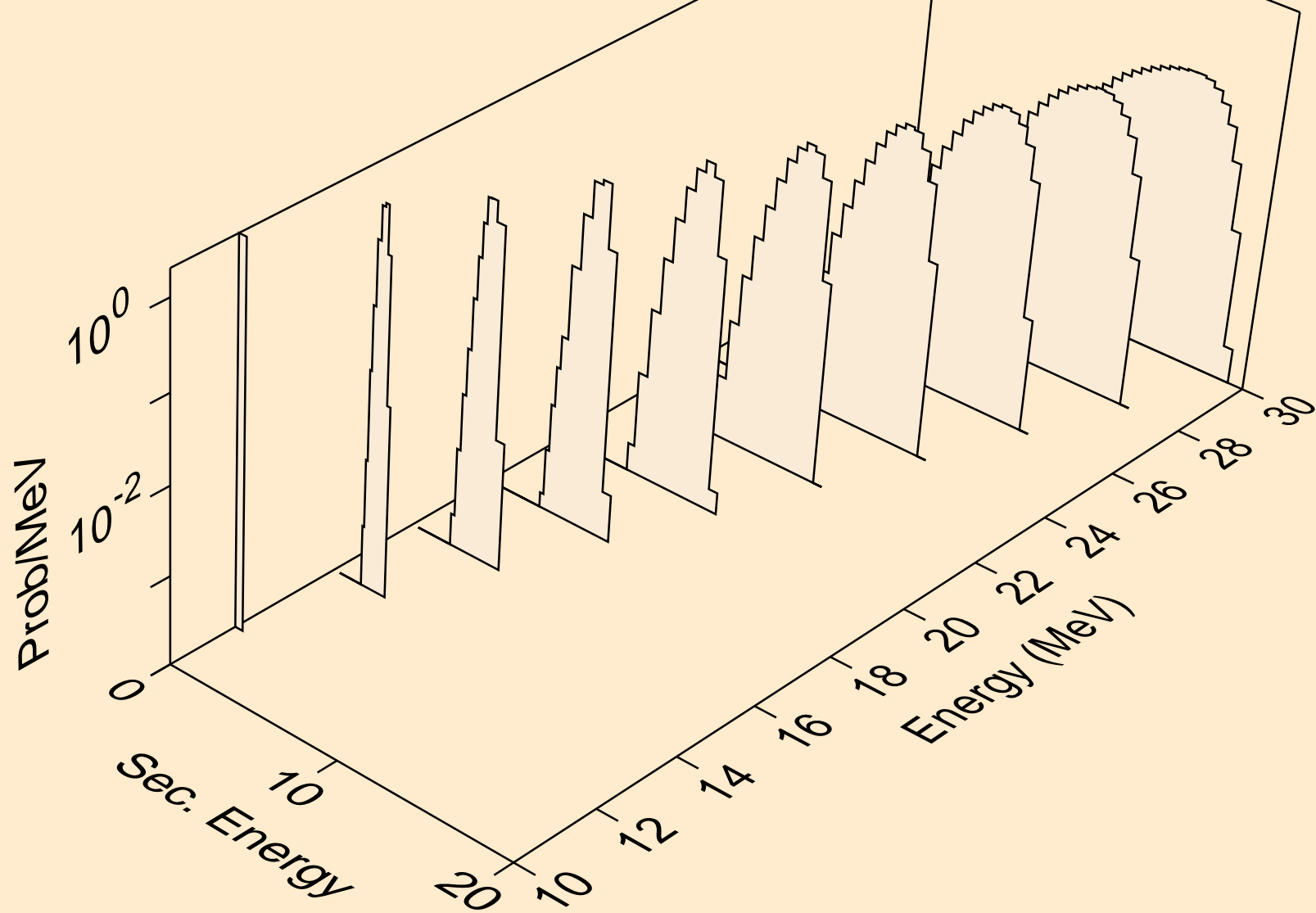
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



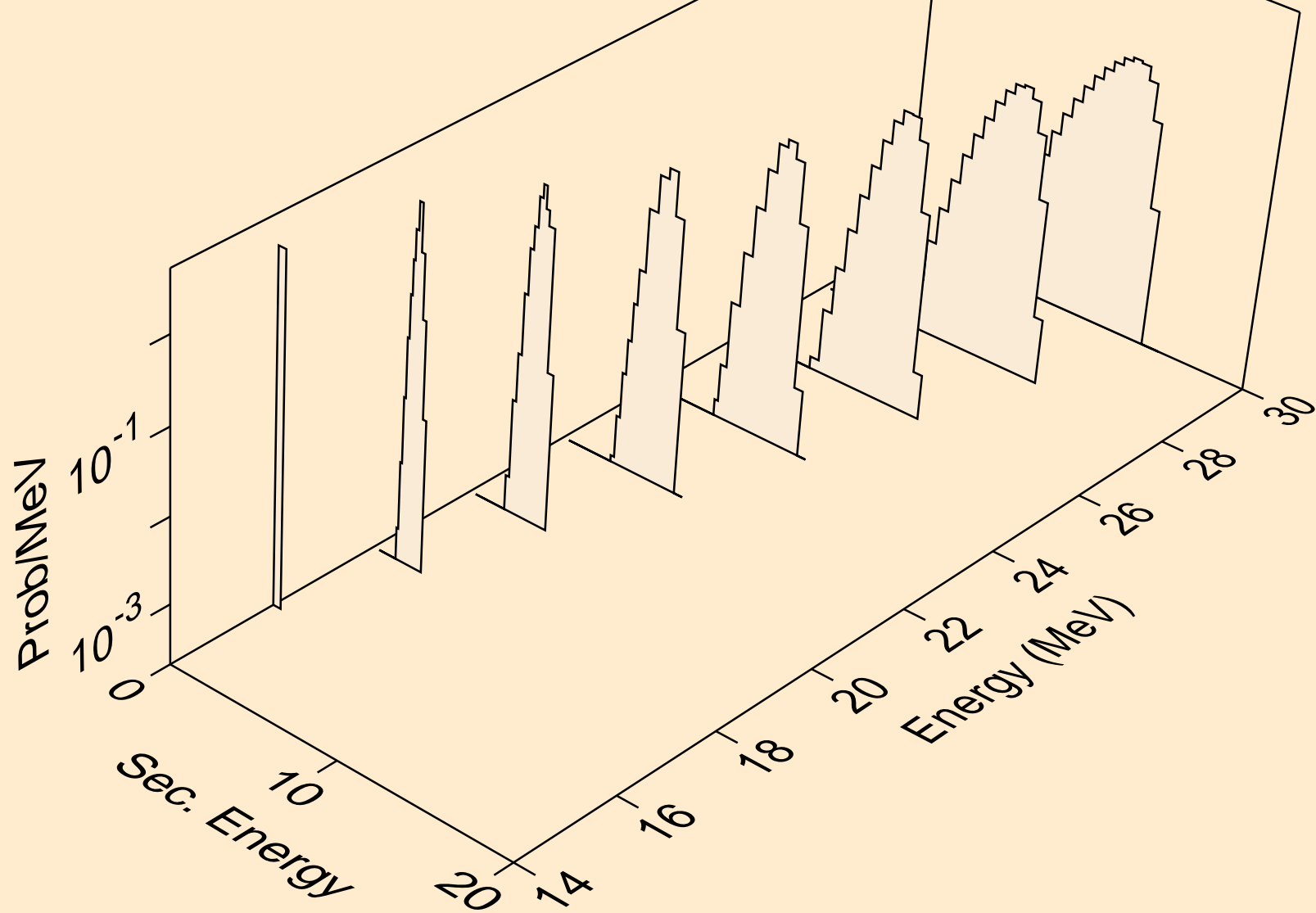
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



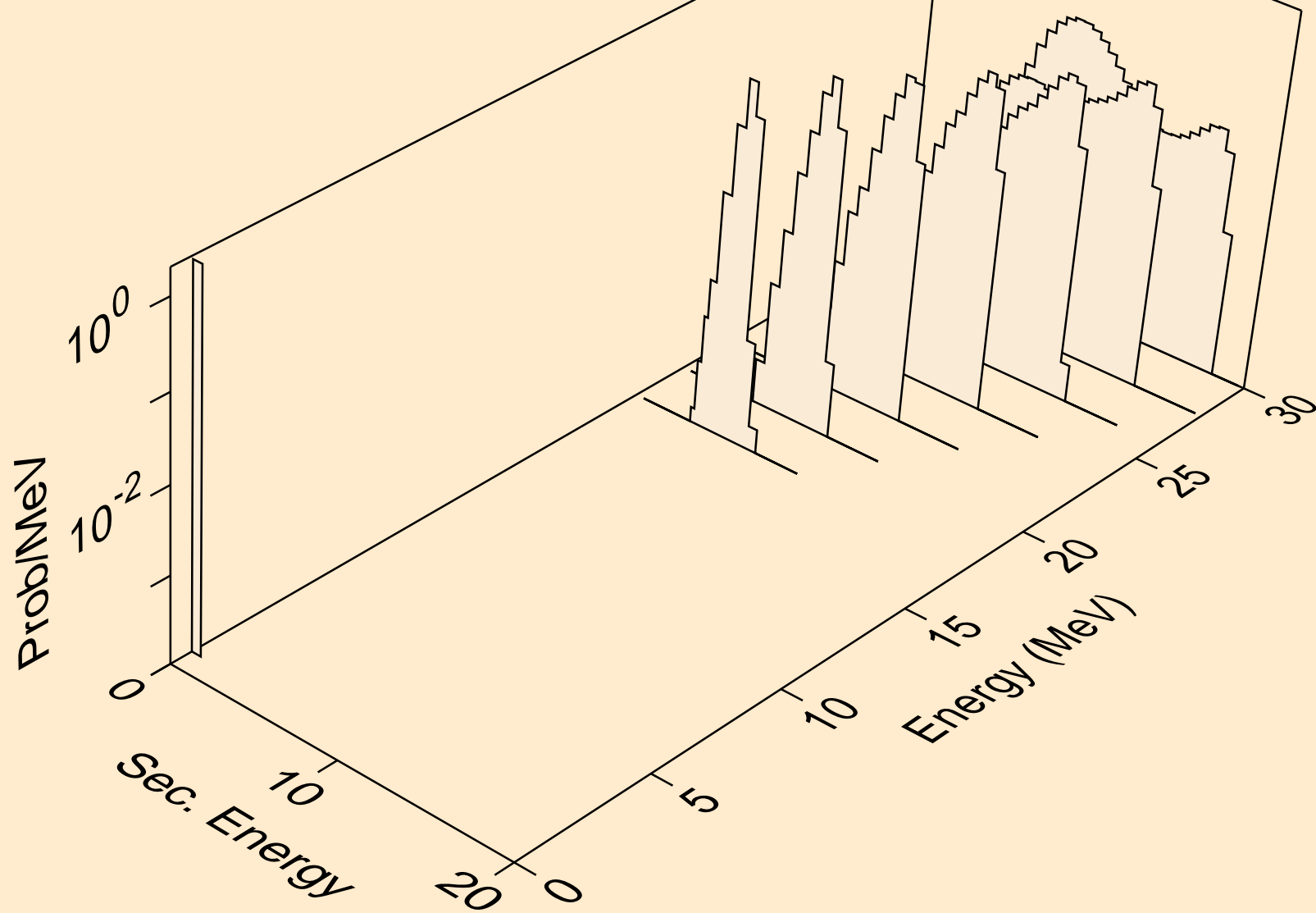
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



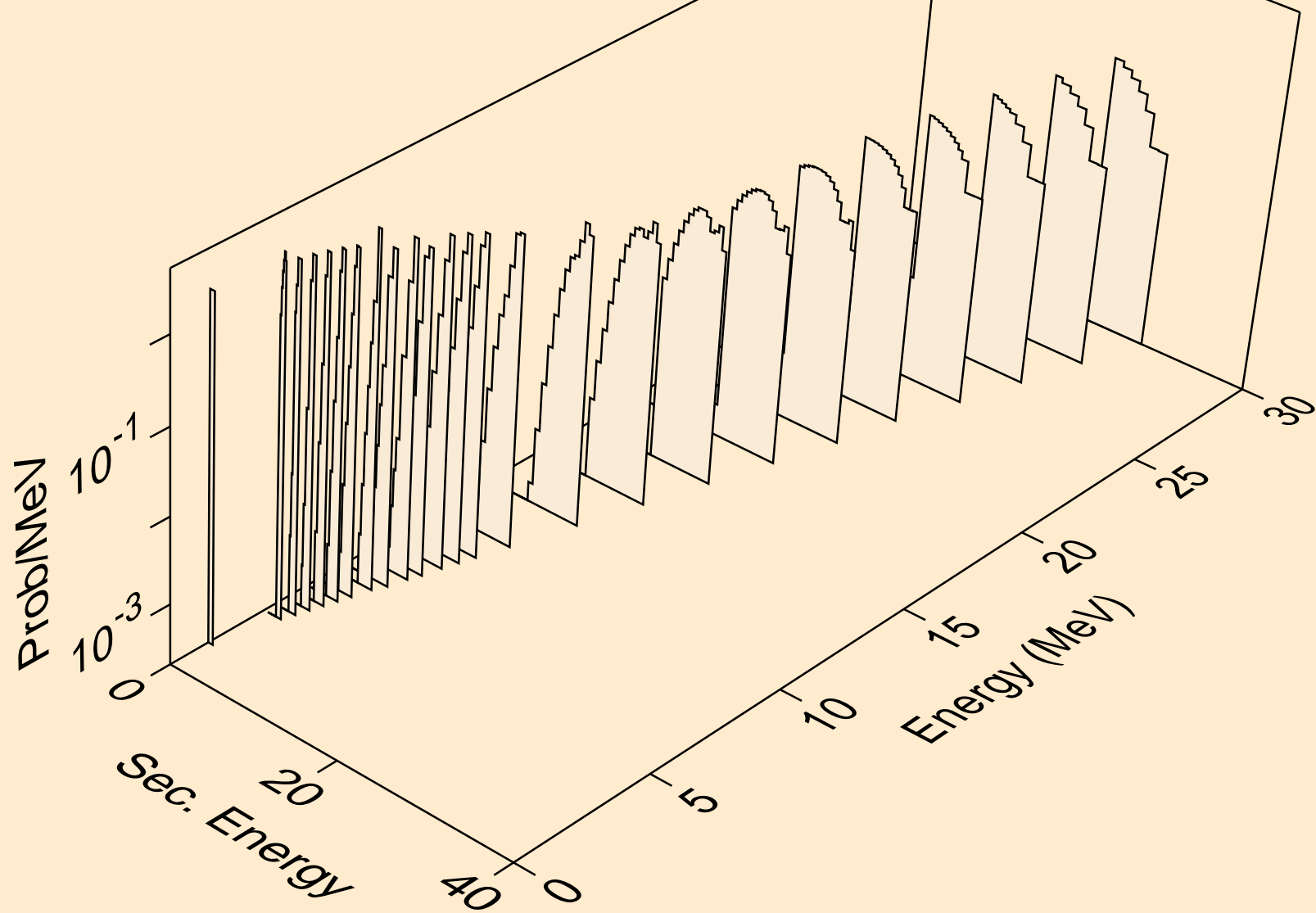
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

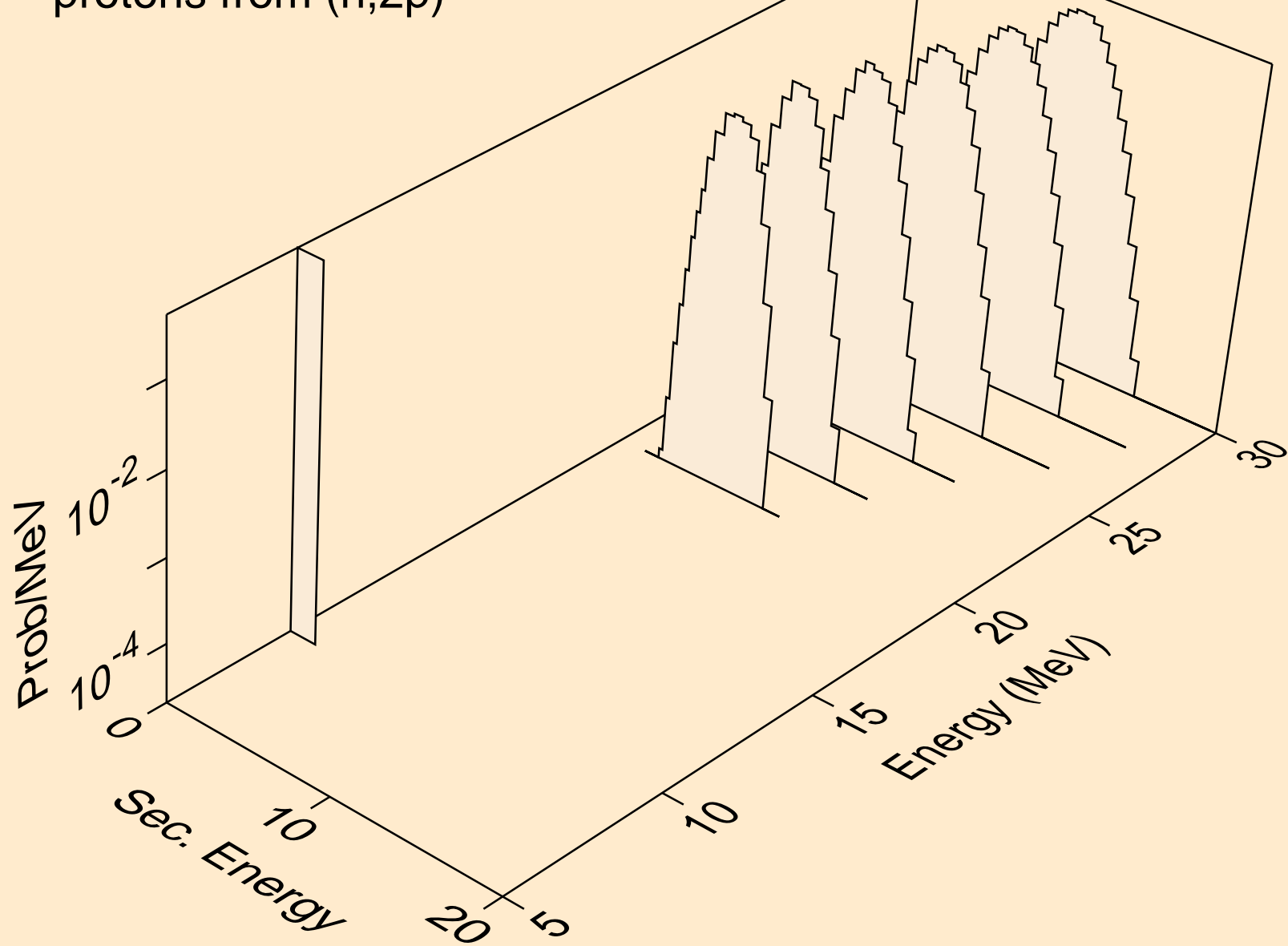


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

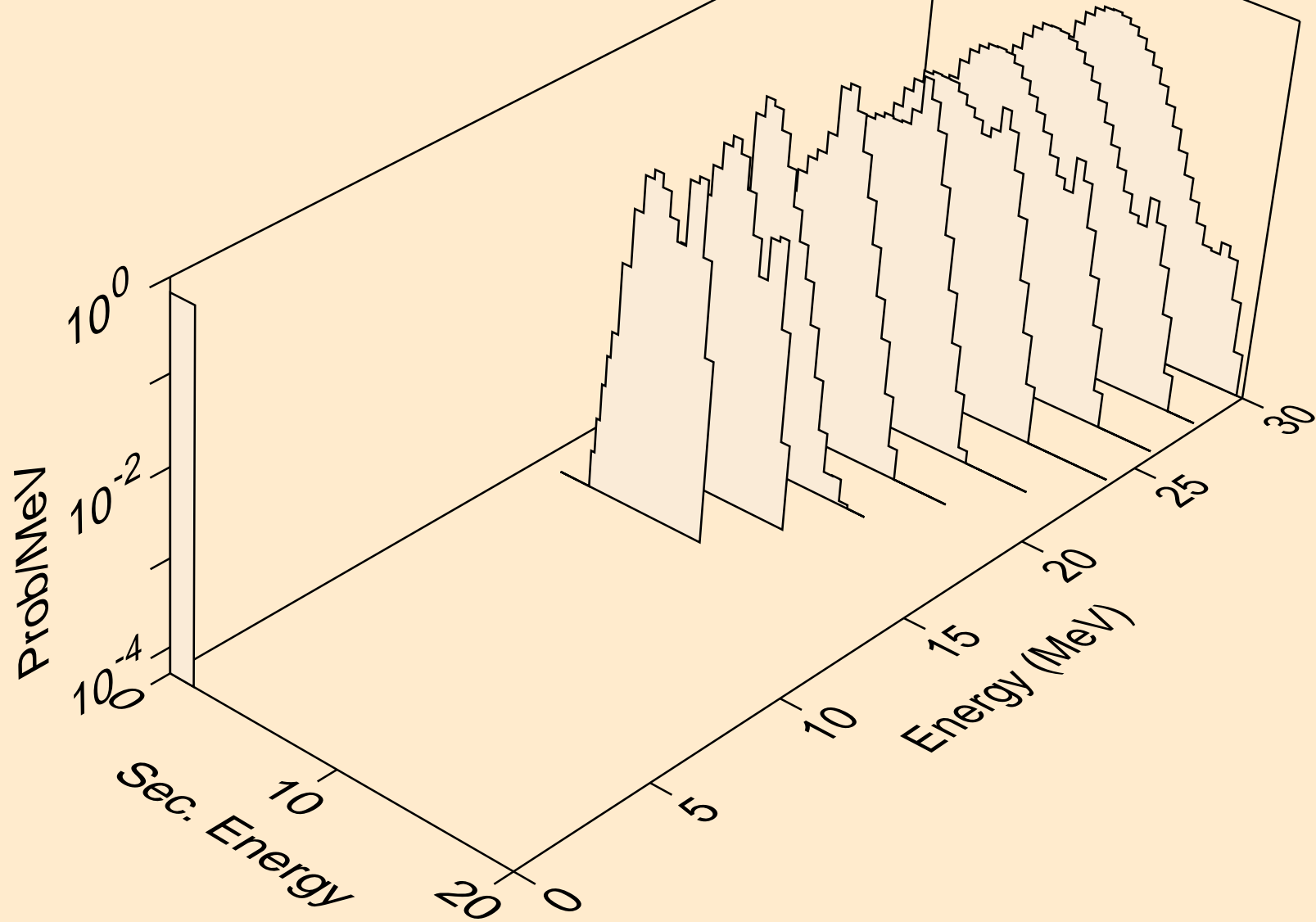




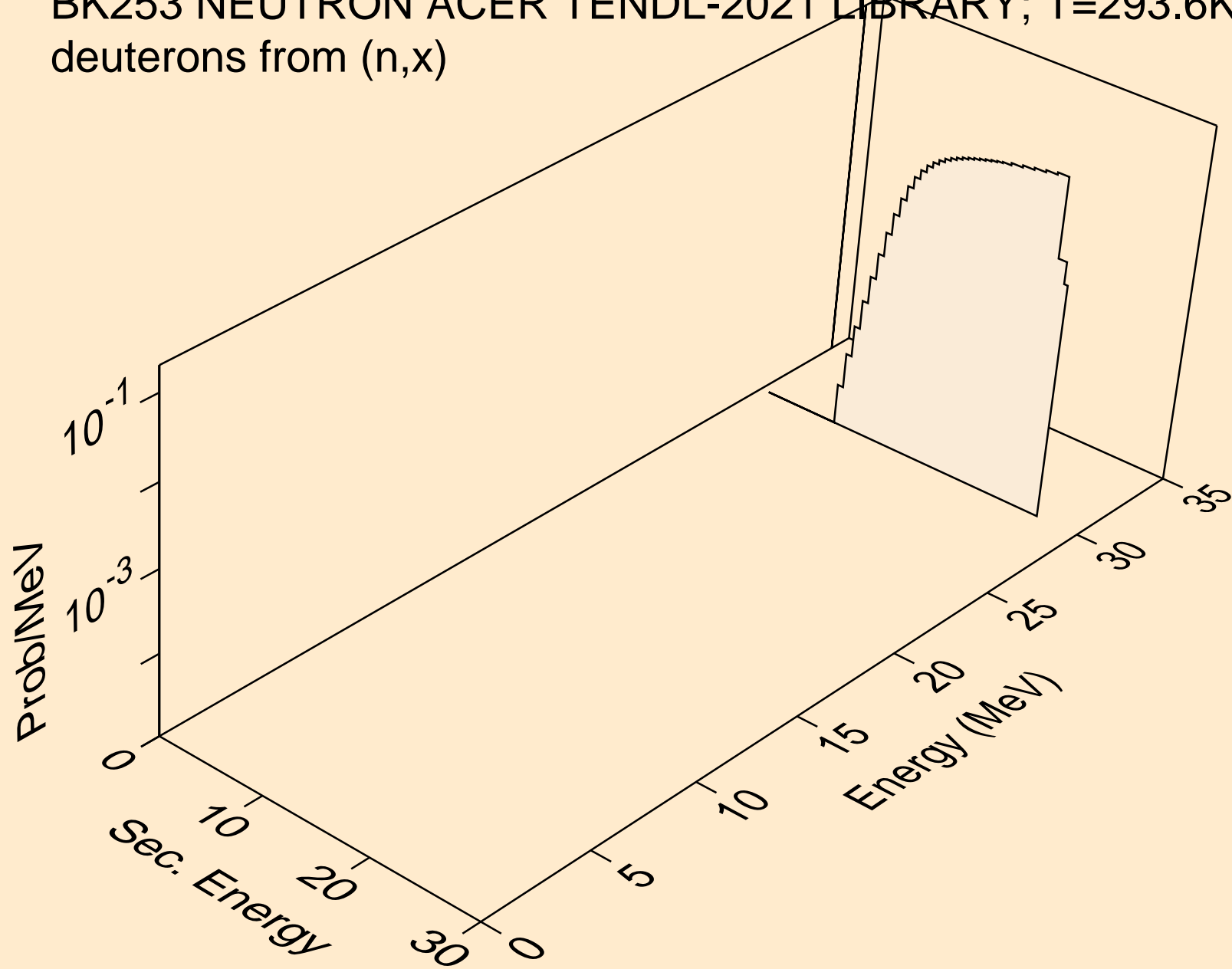
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



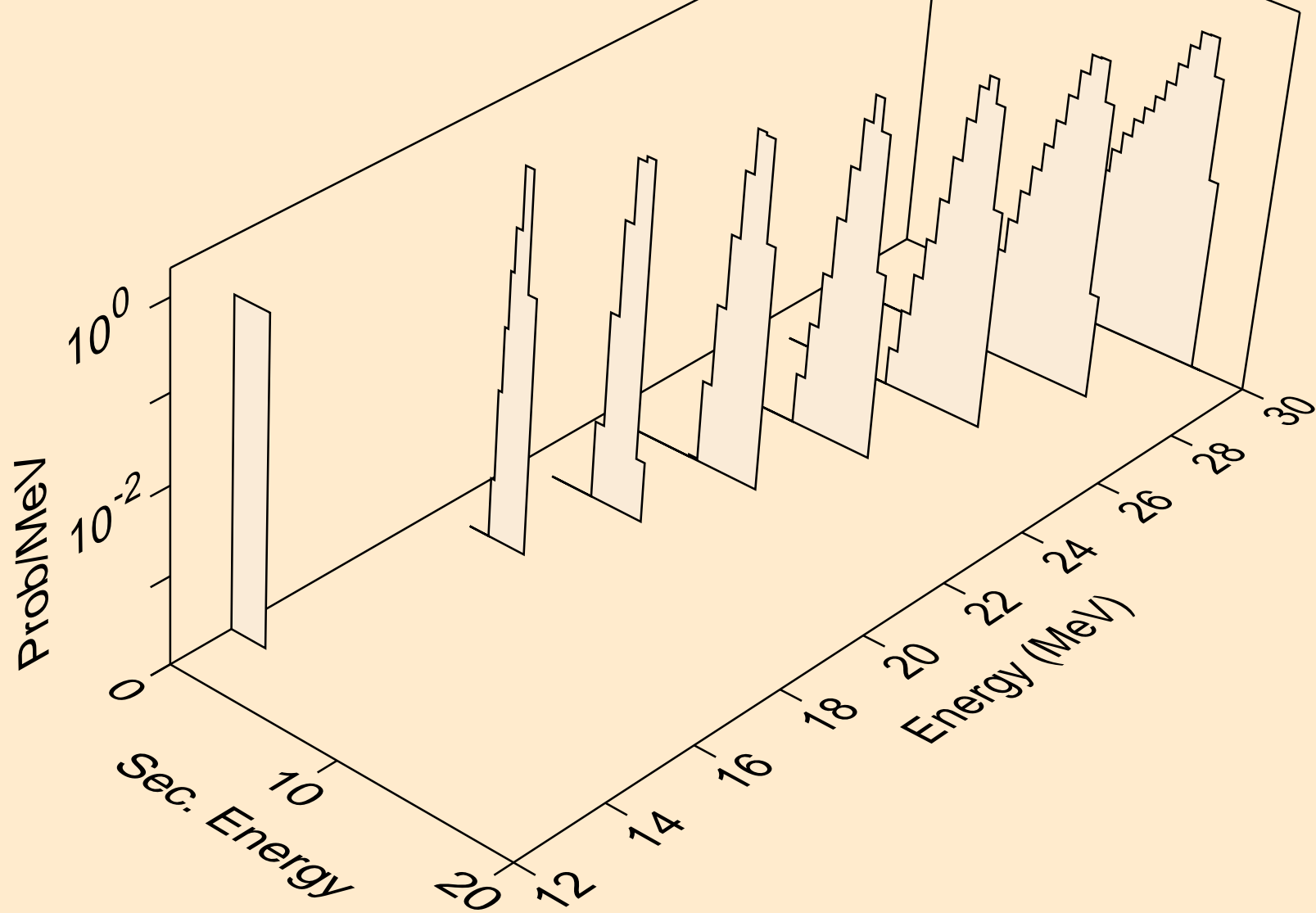
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protons from (n,p)



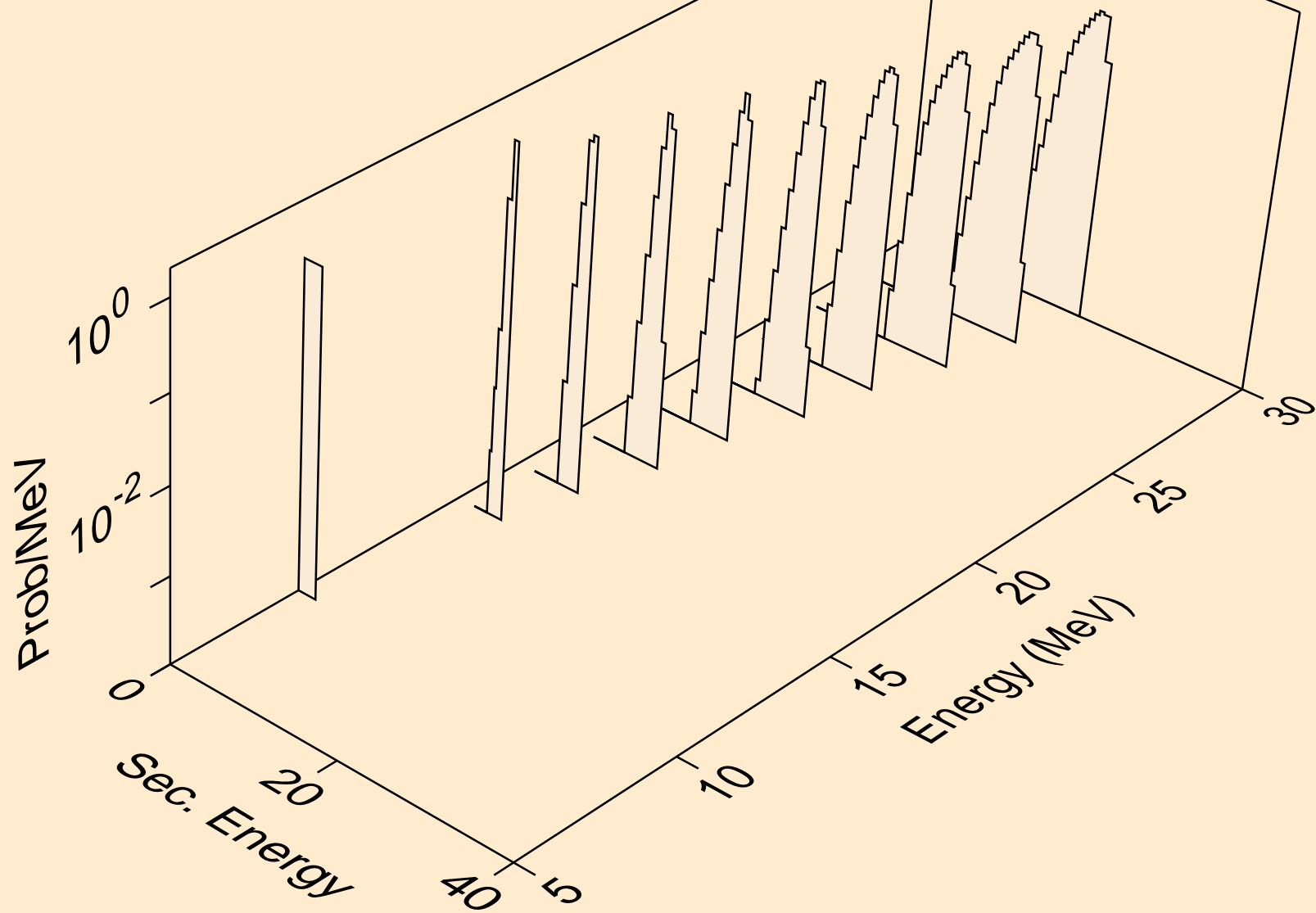
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



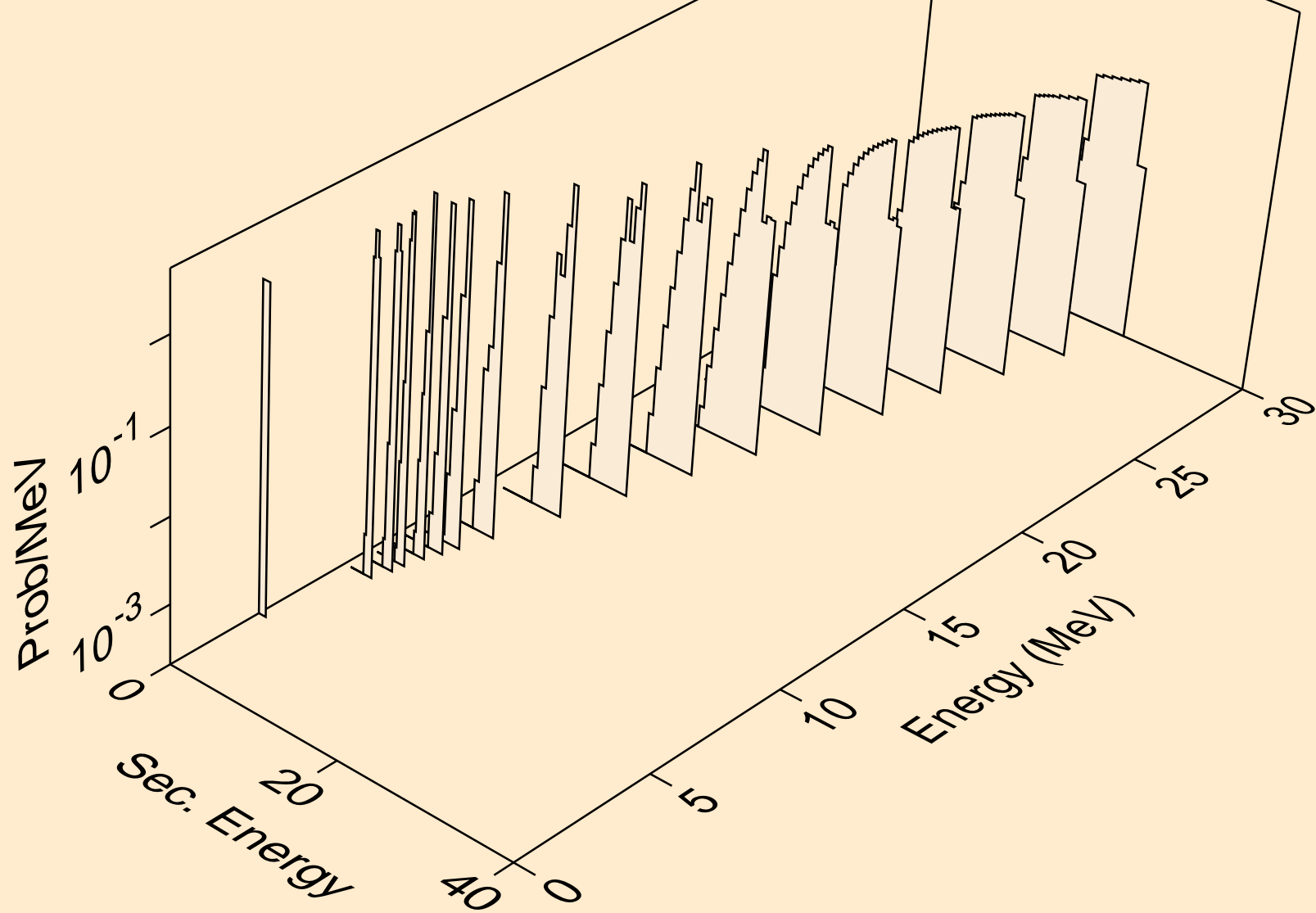
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



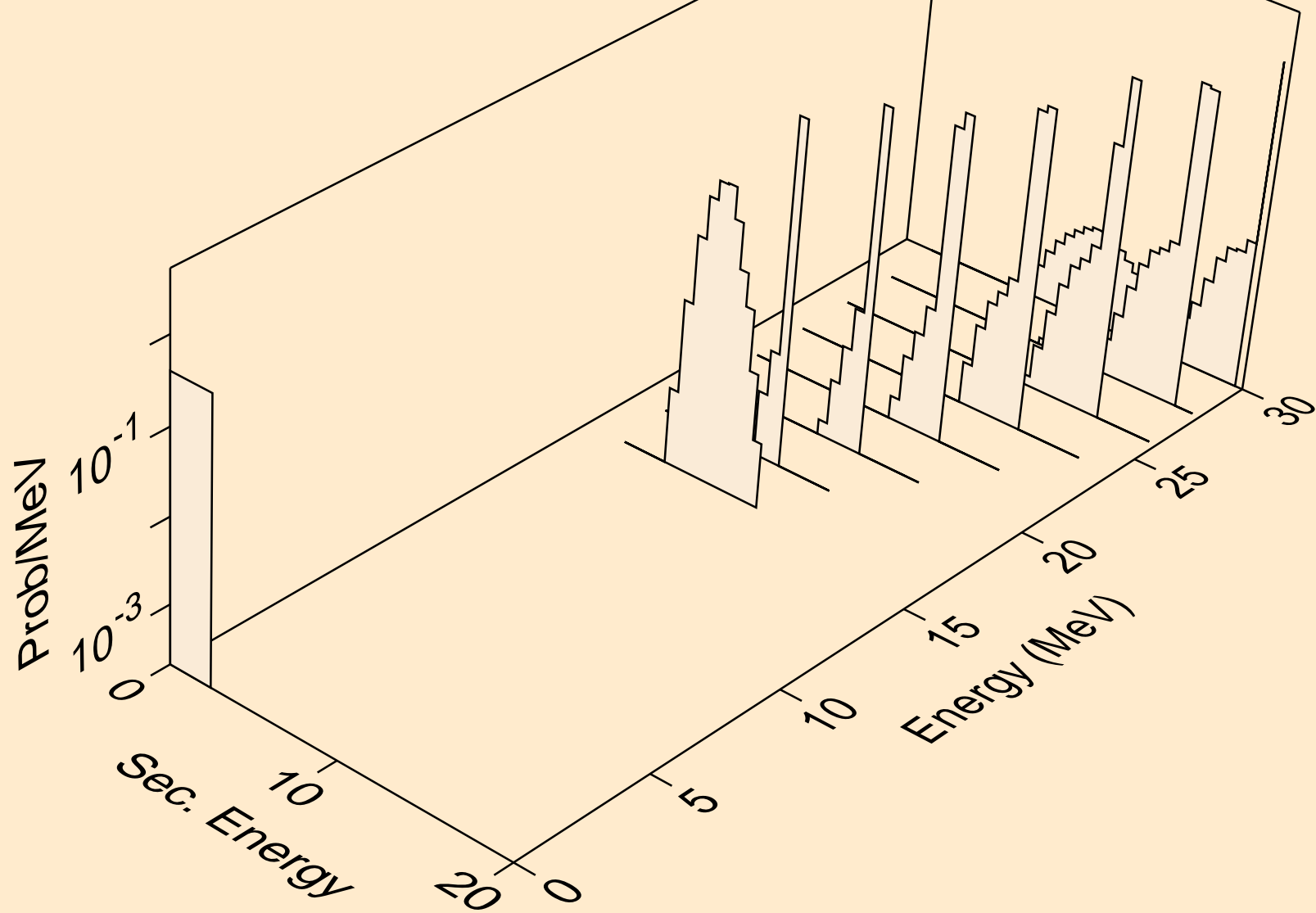
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



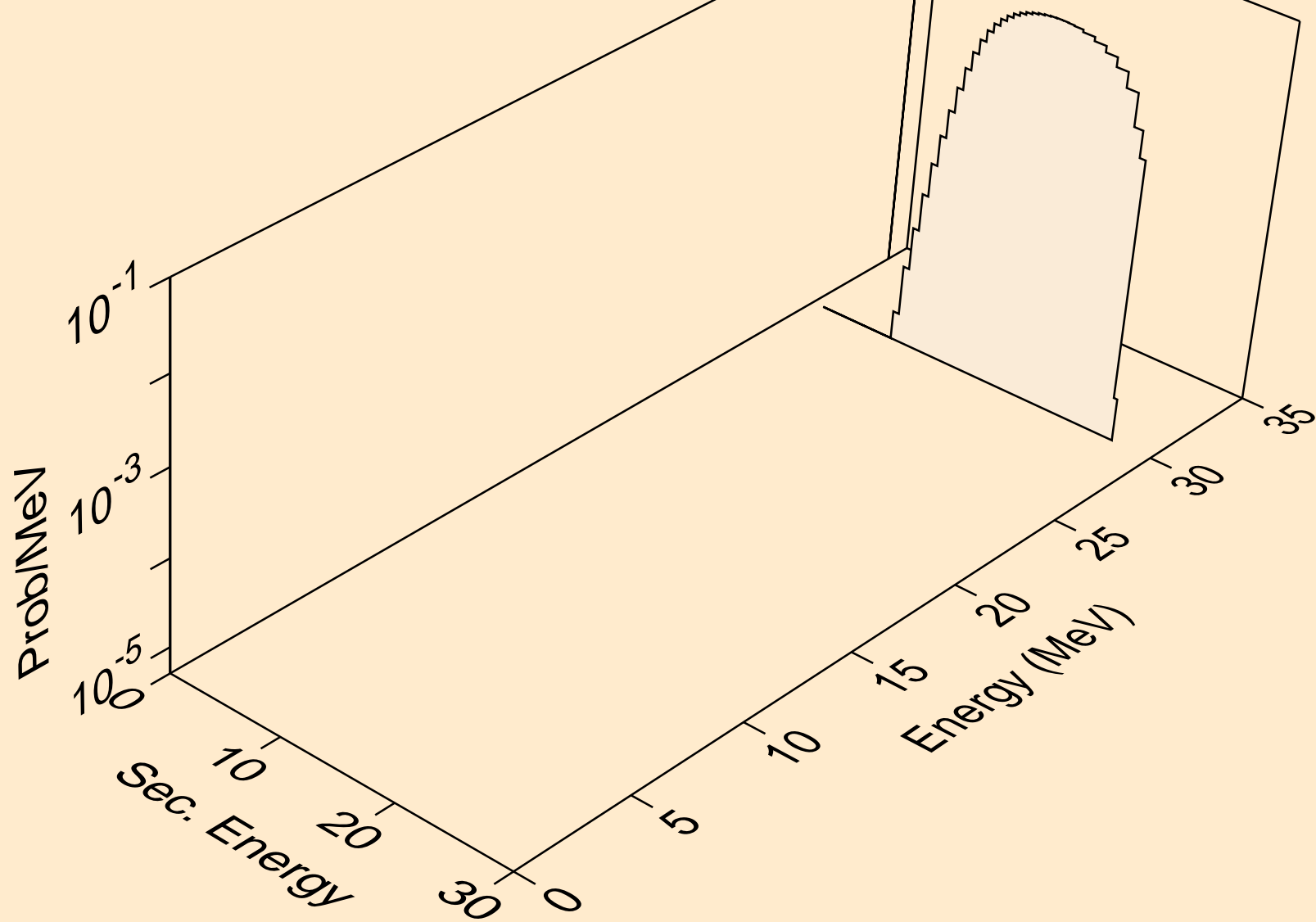
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

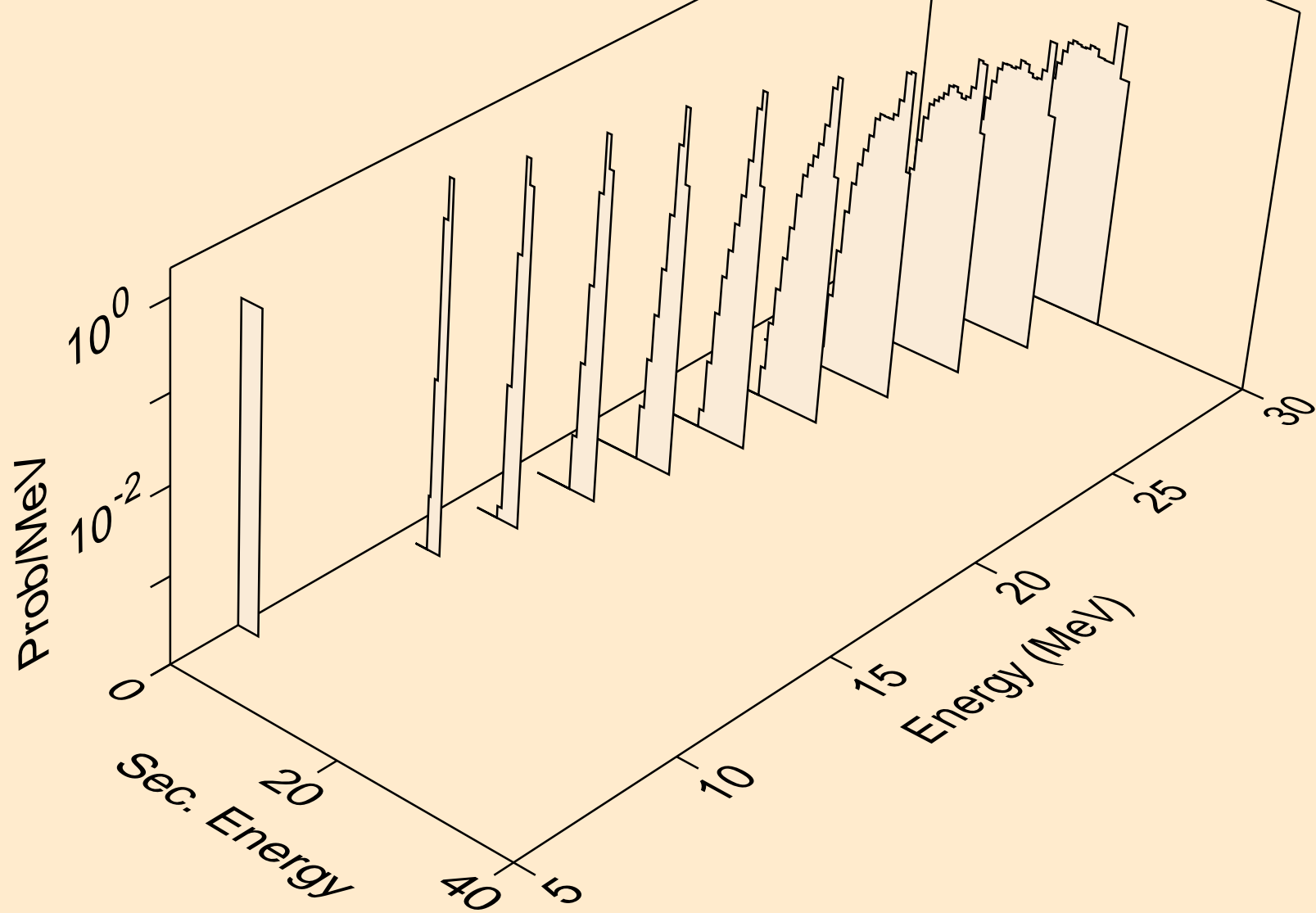


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

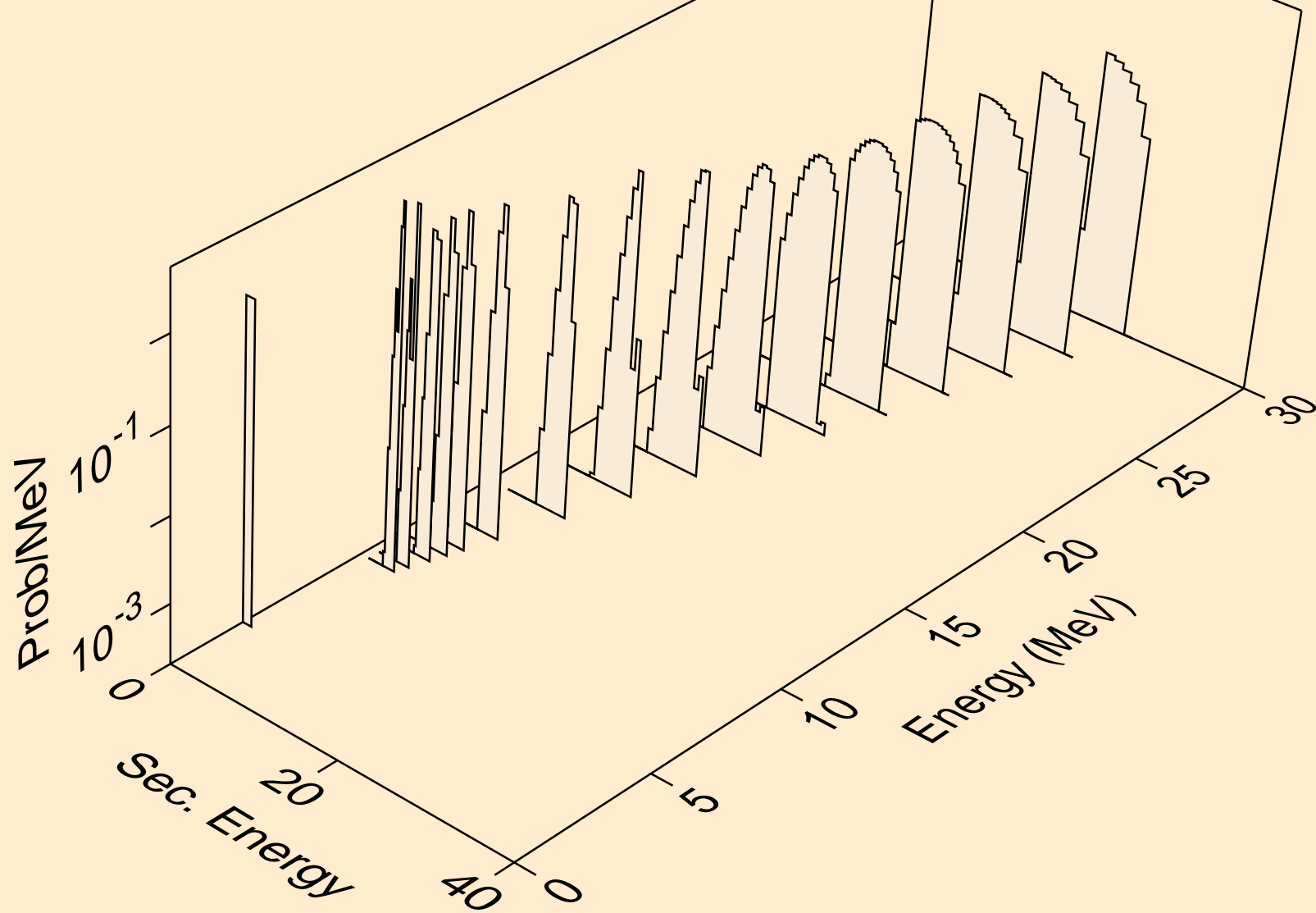




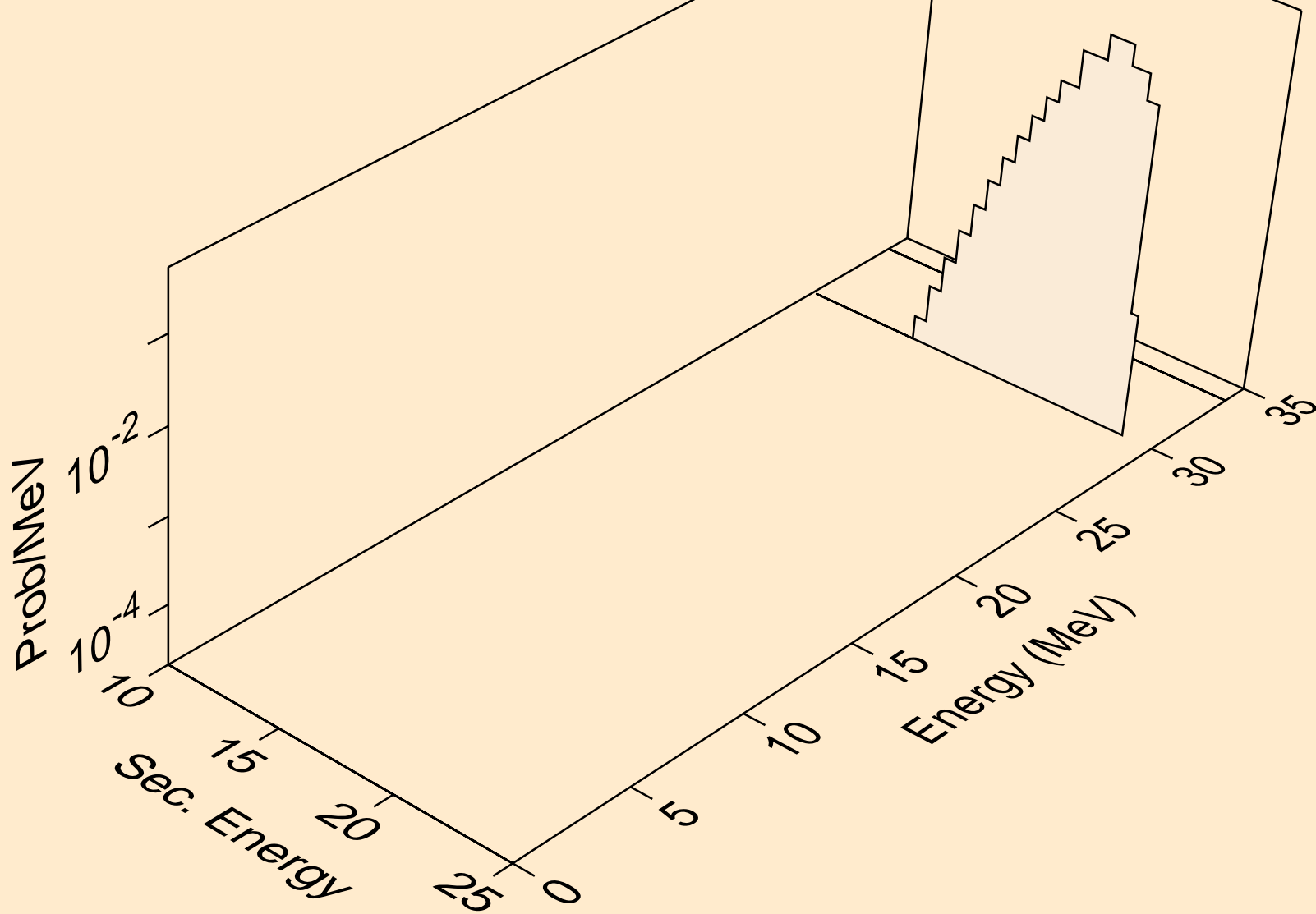
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



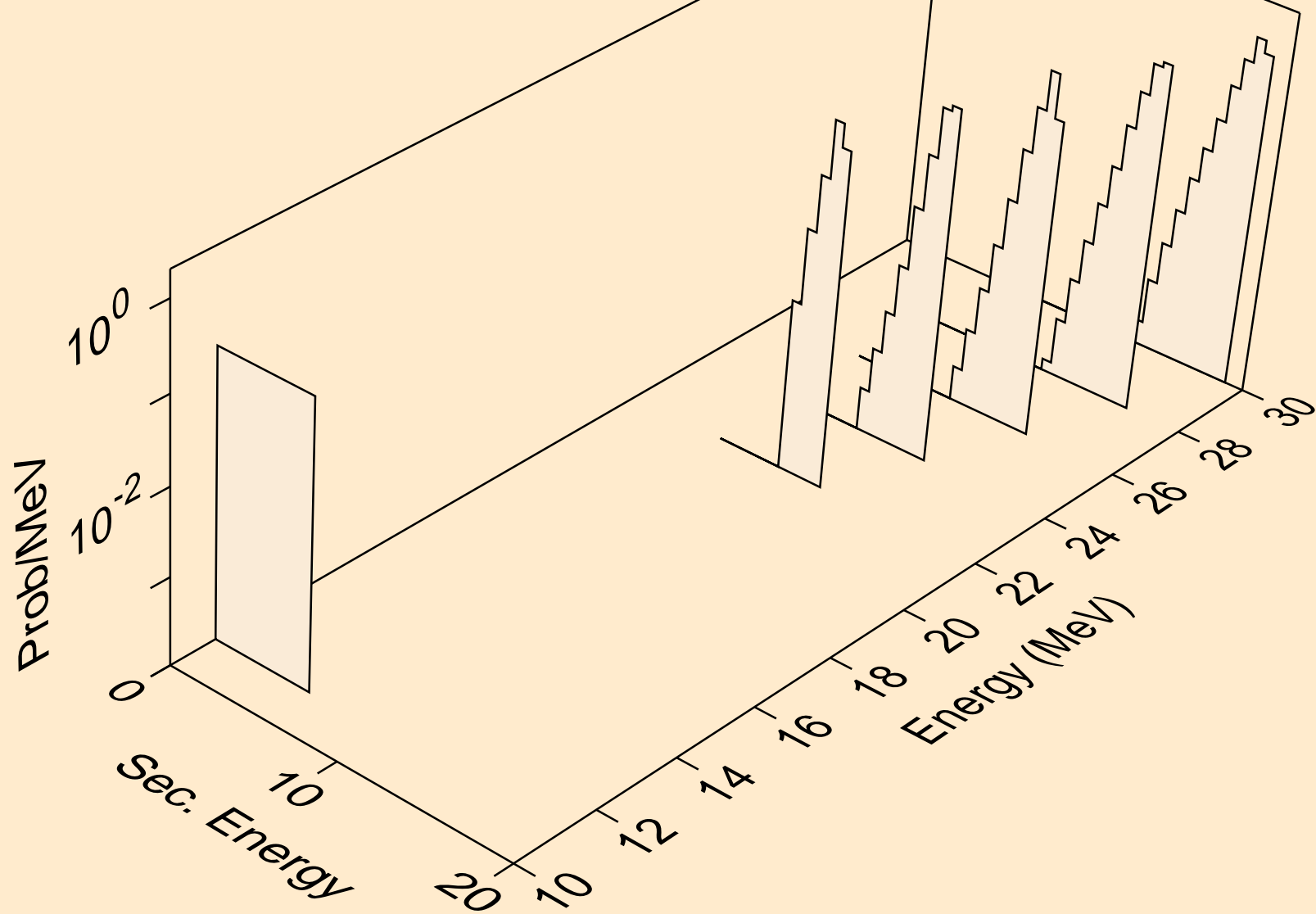
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



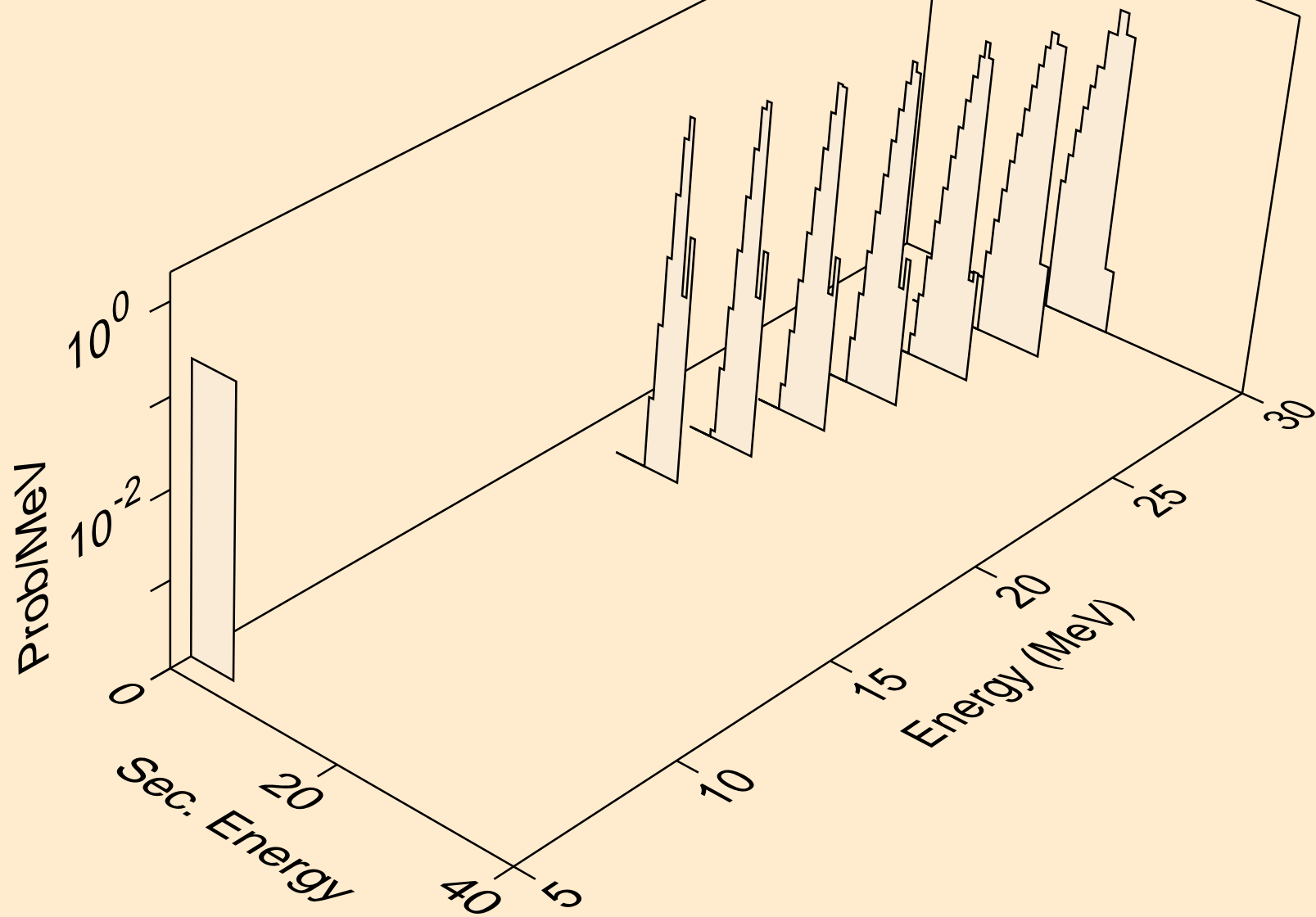
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



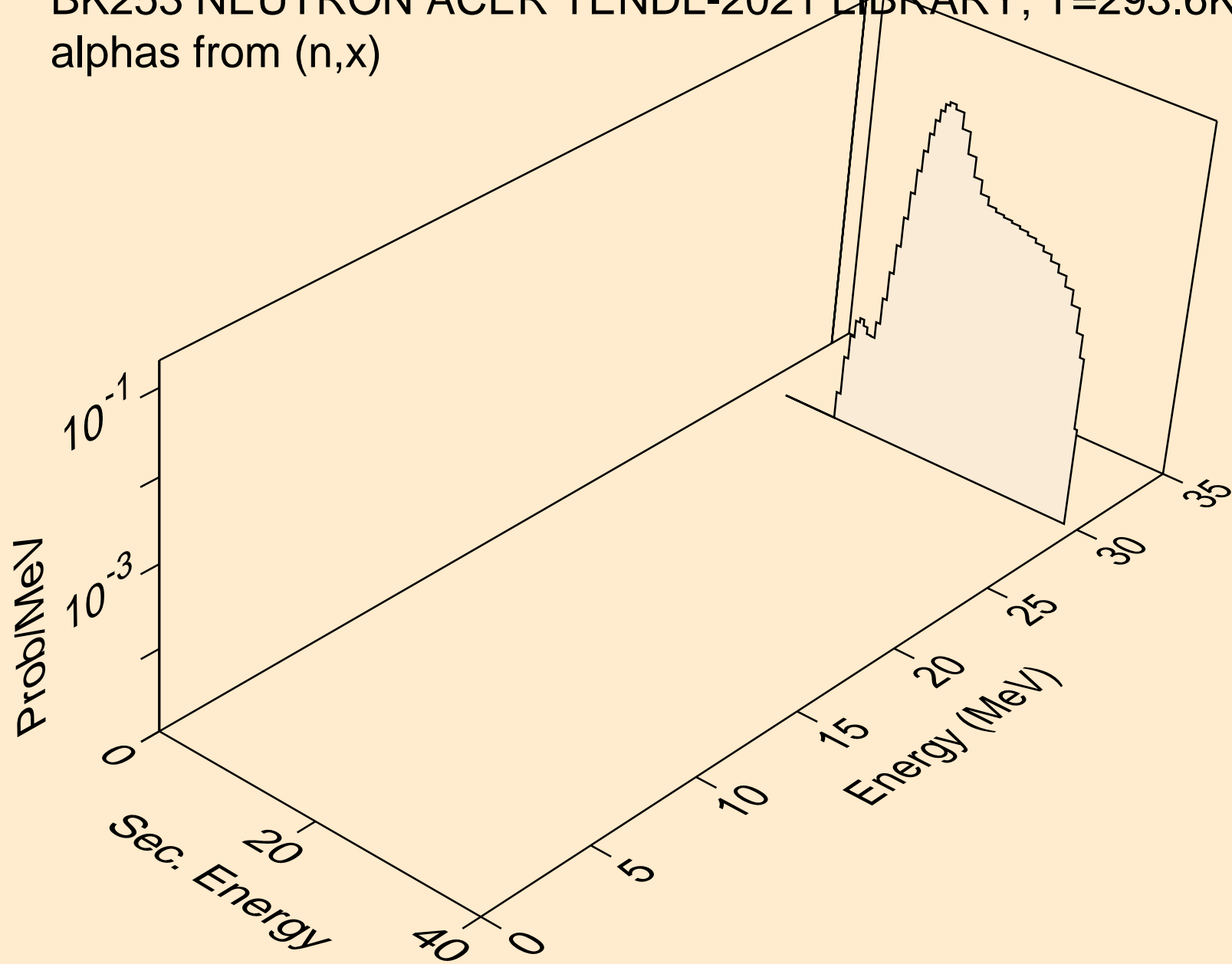
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



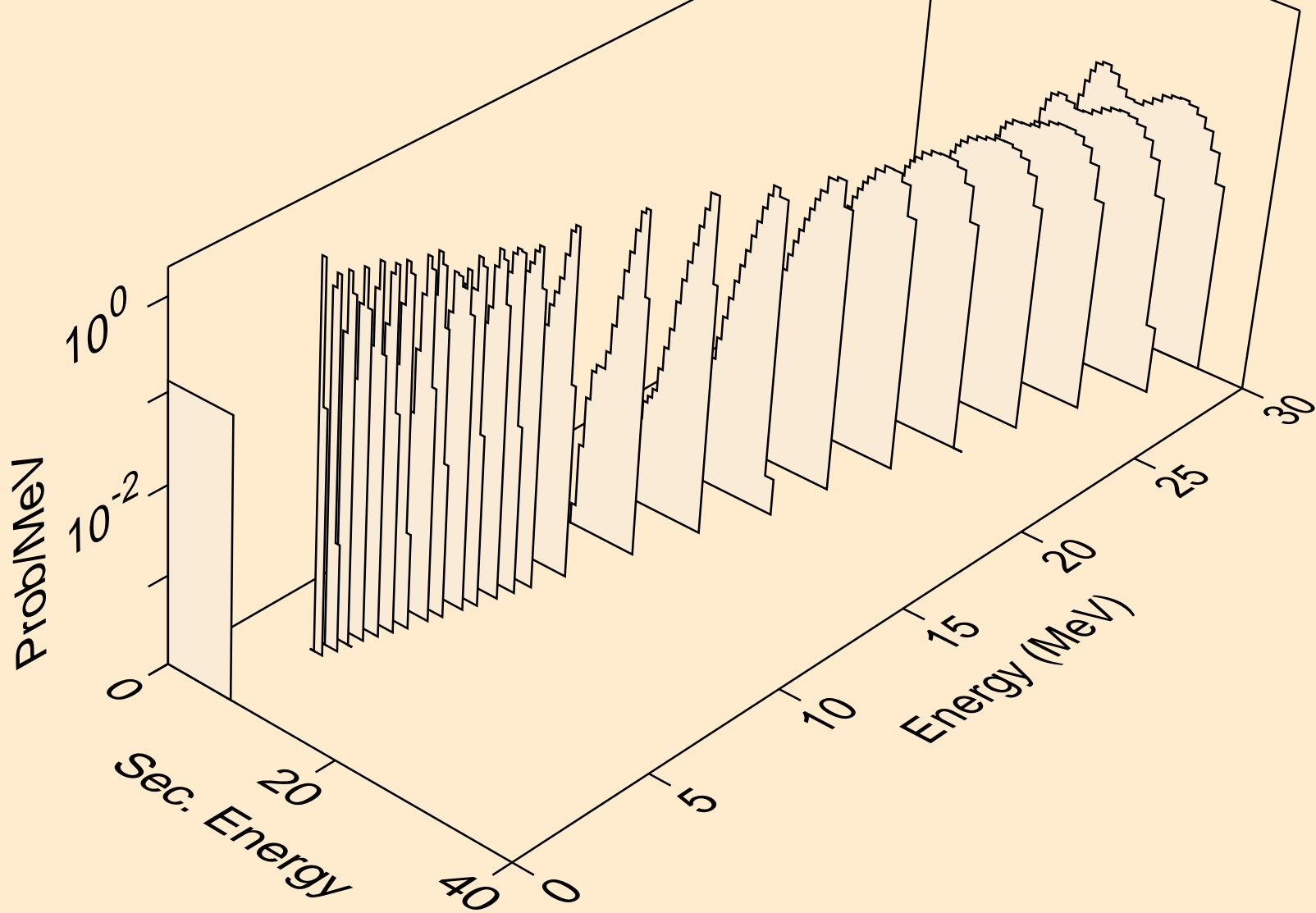
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he3s from (n,he3)



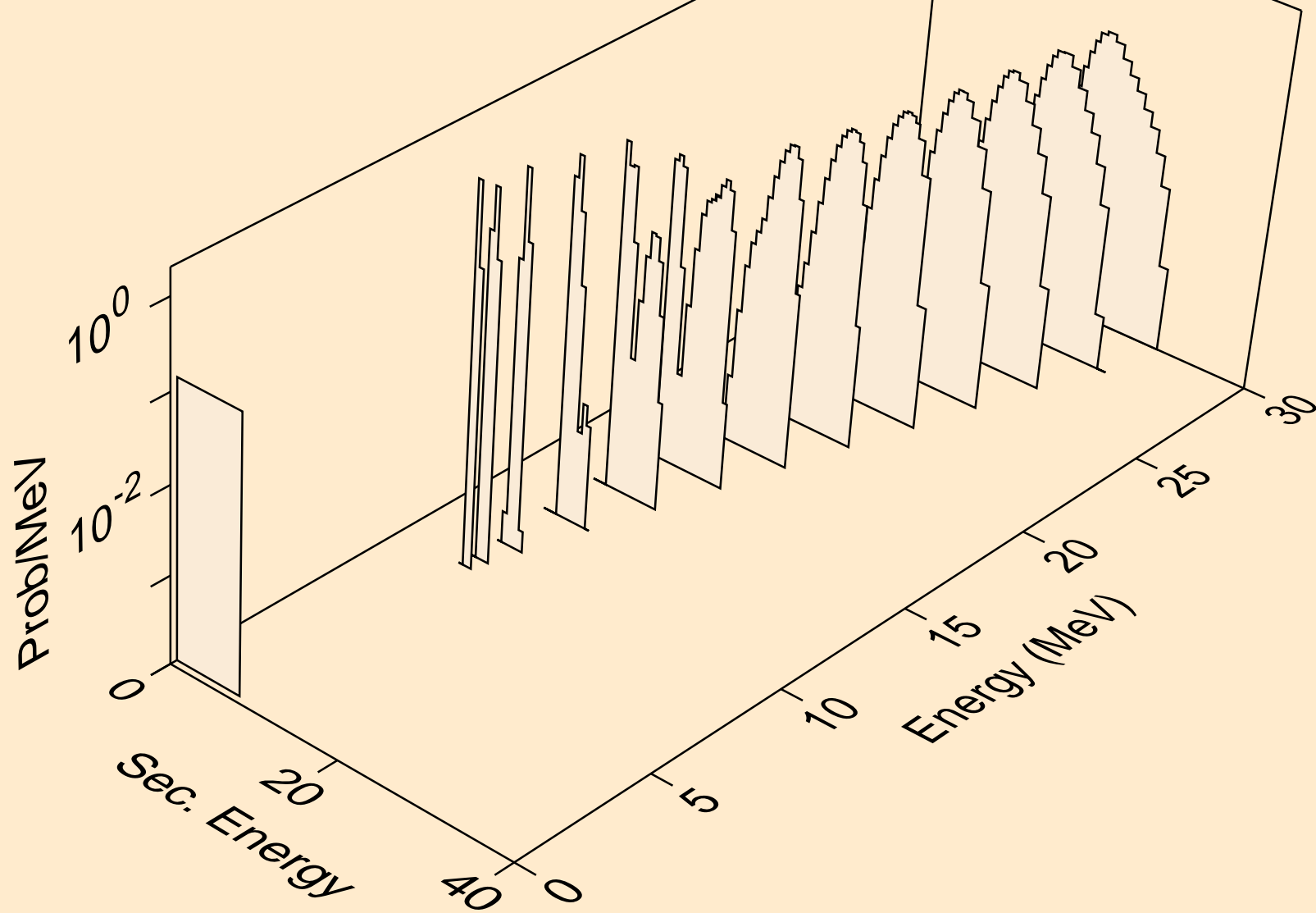
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

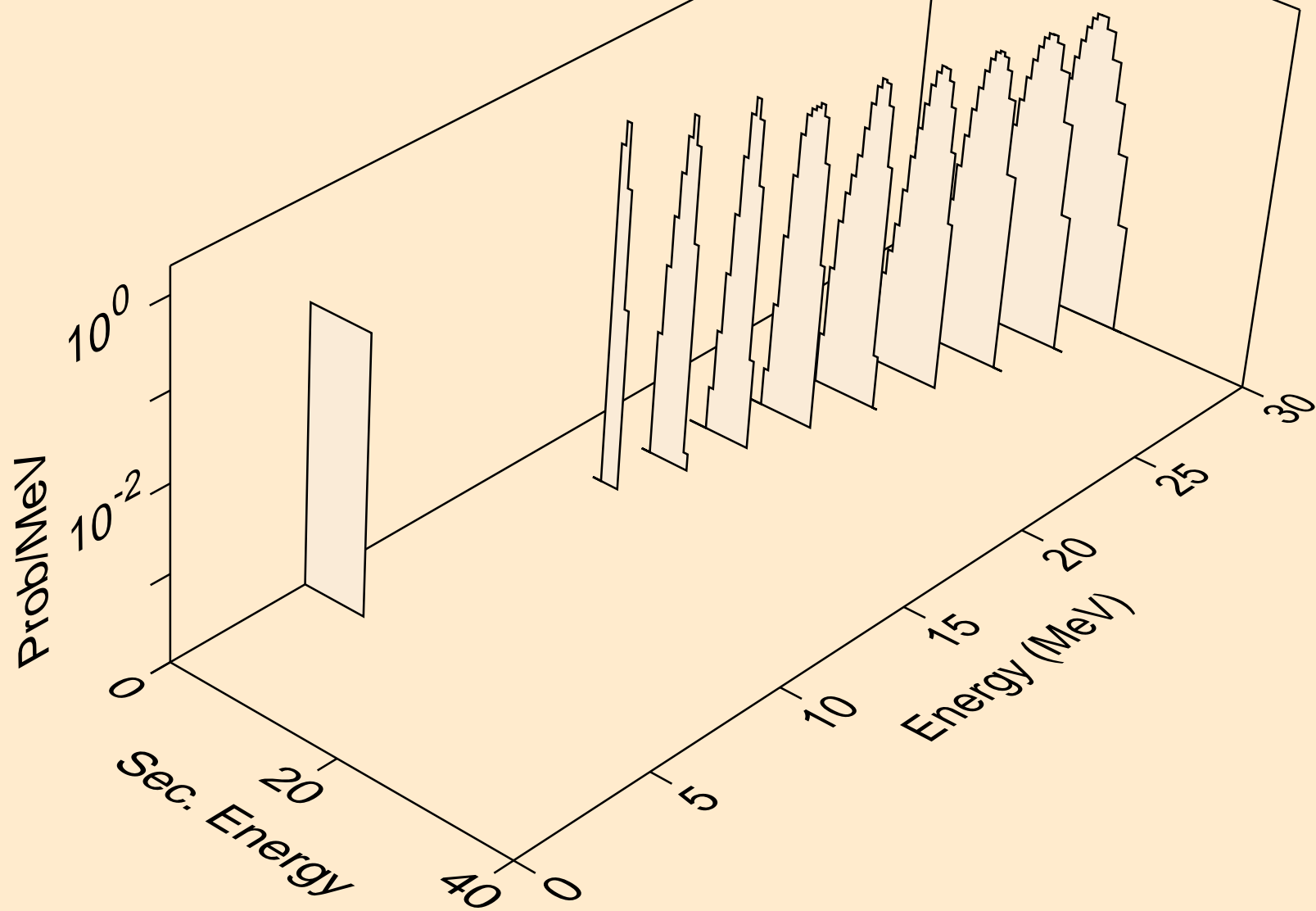


BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

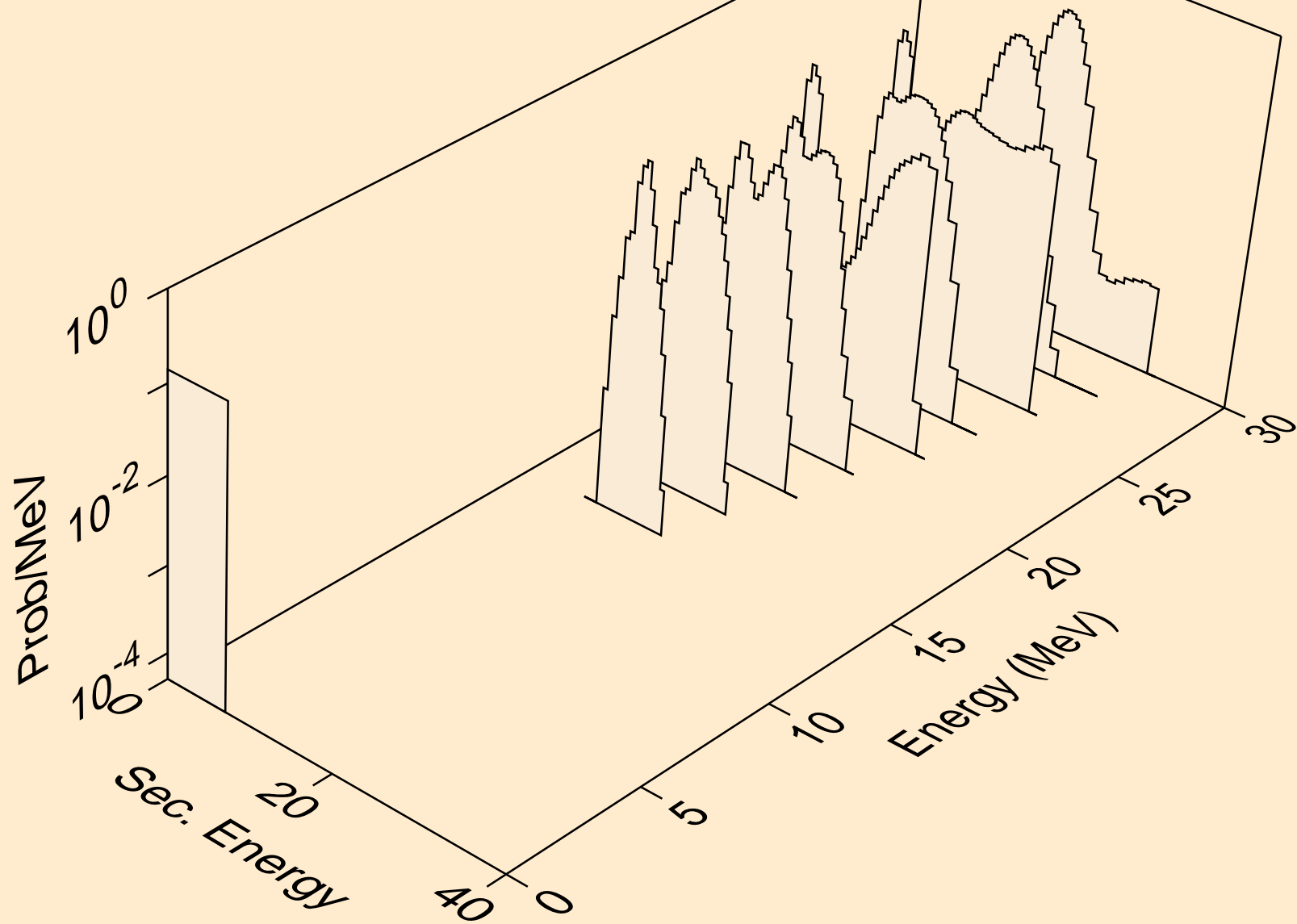




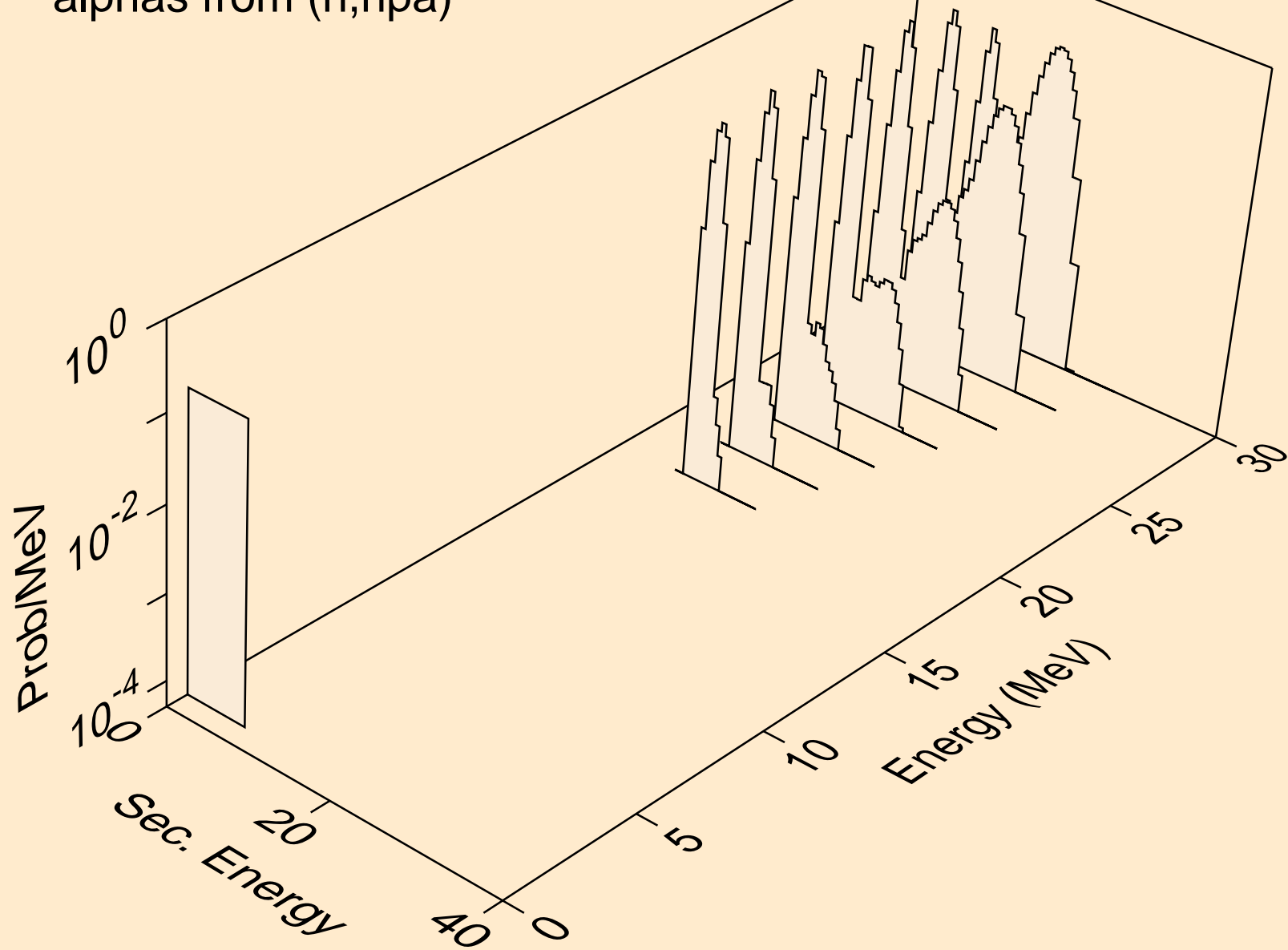
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



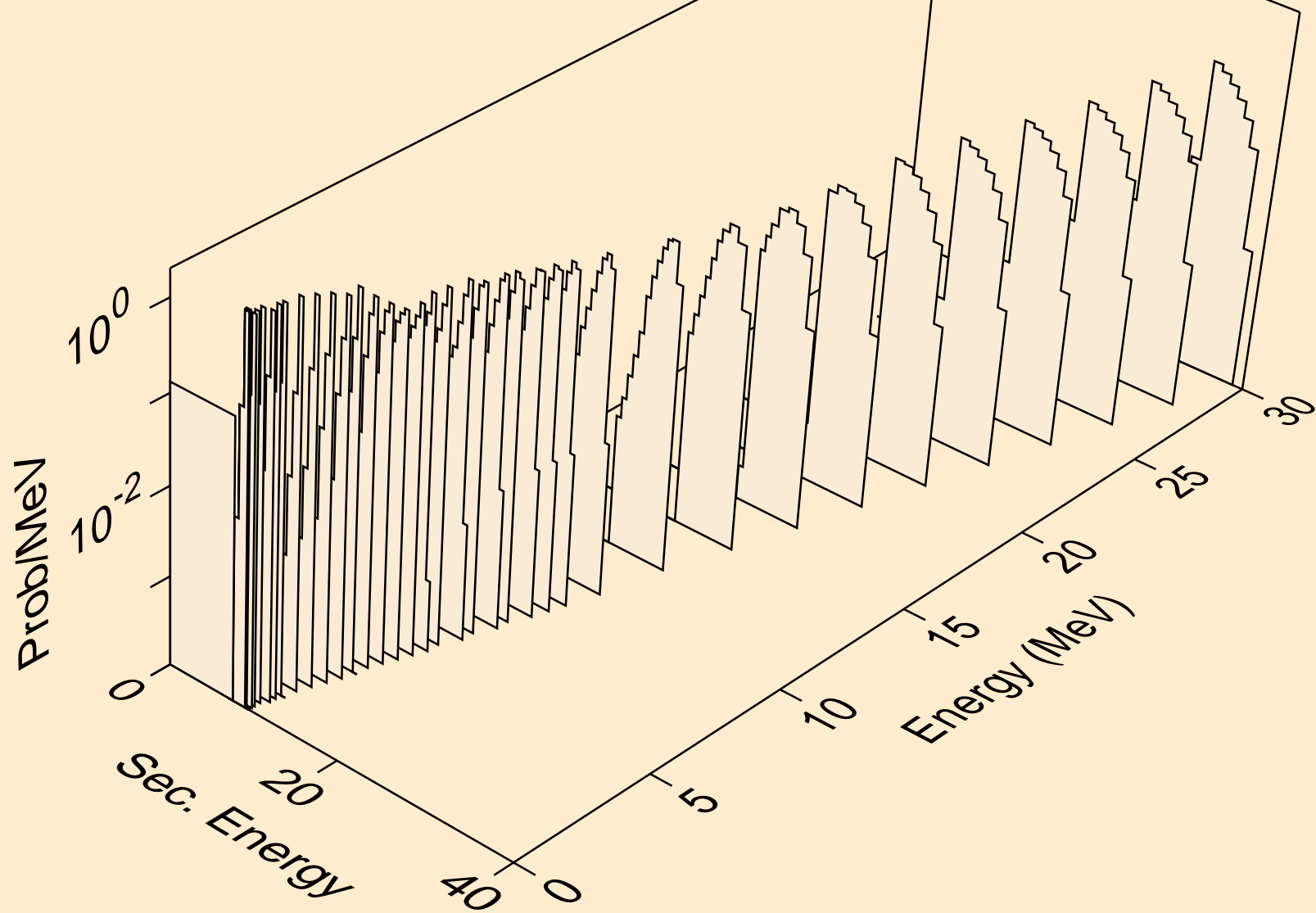
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



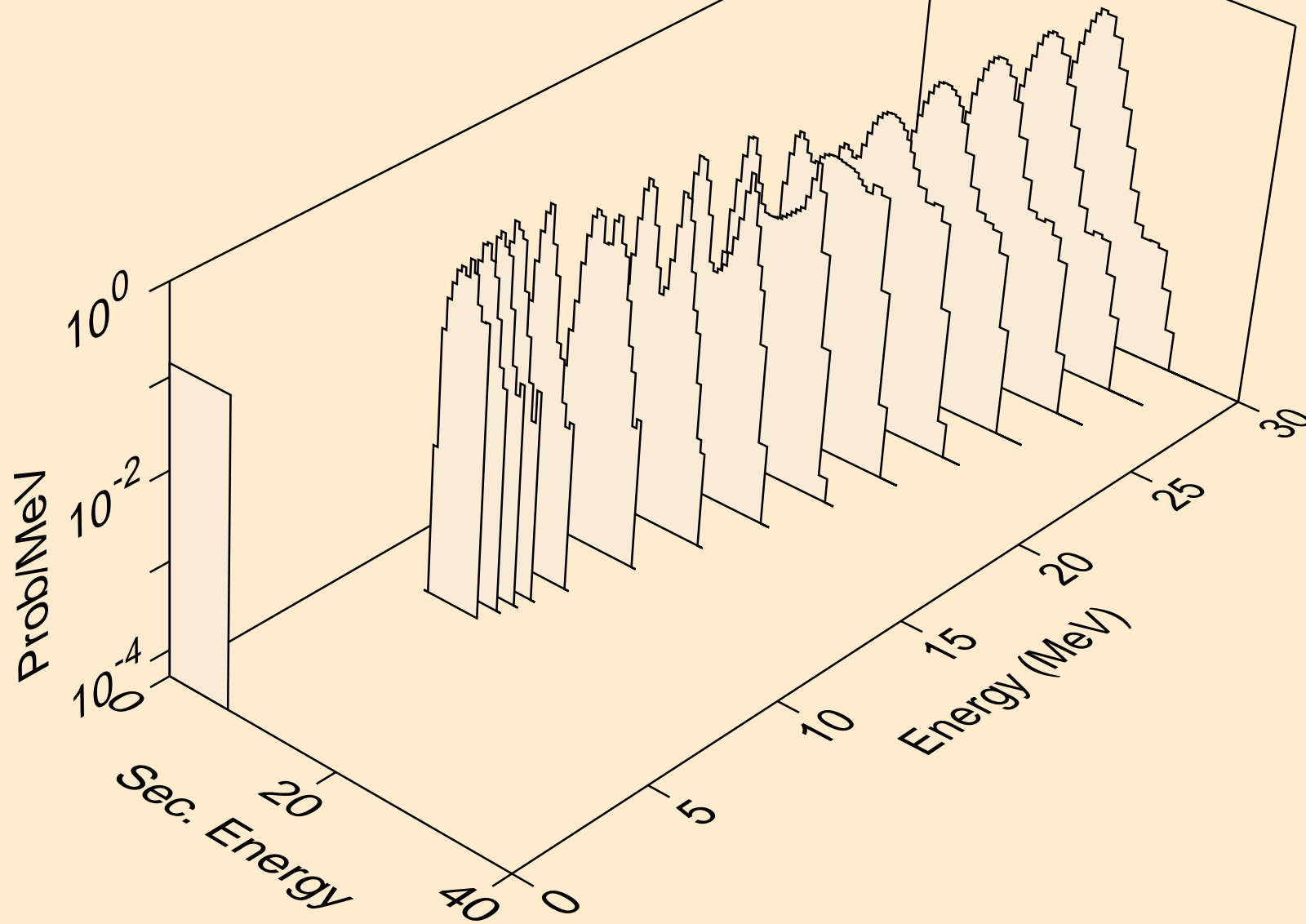
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



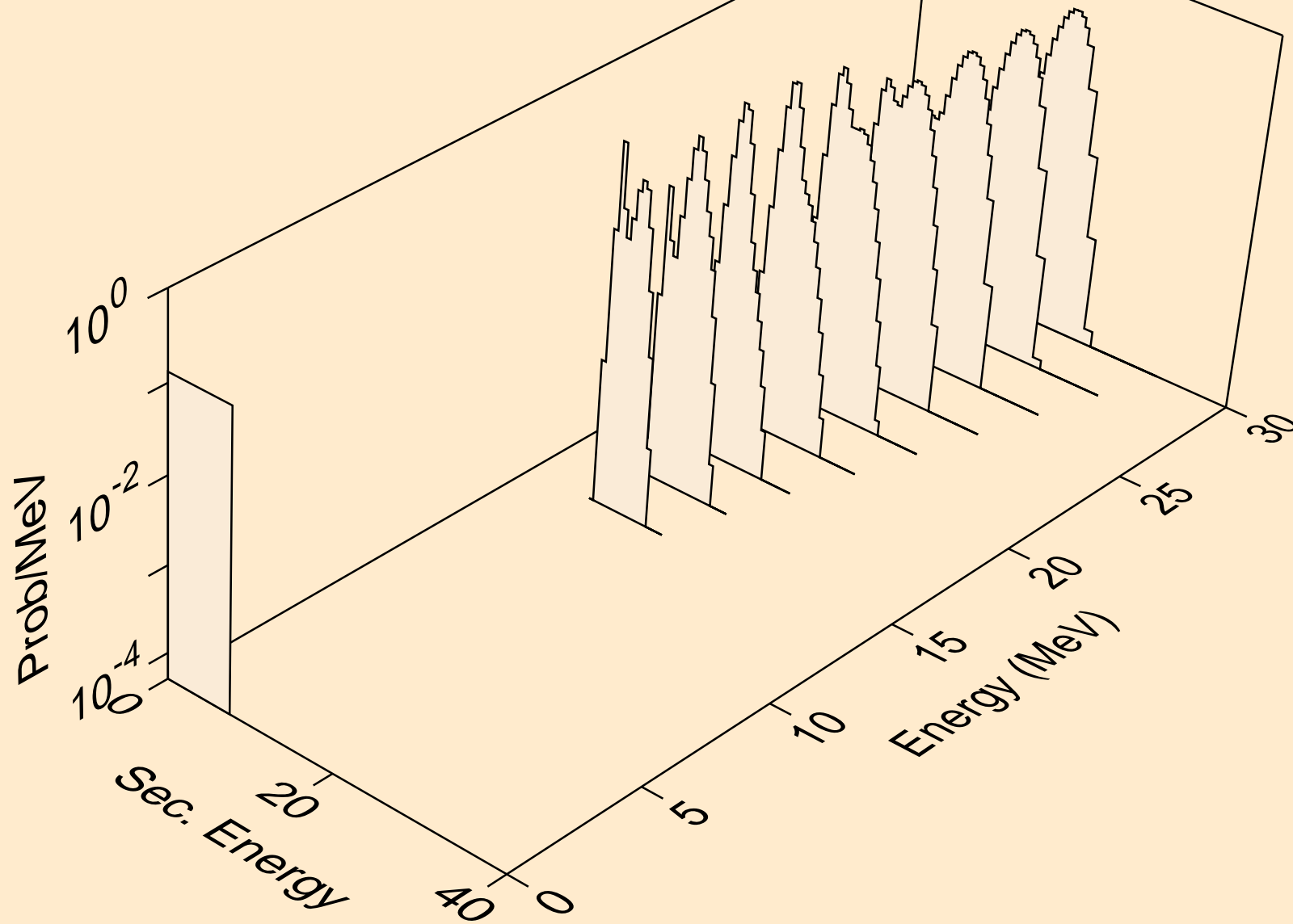
BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



BK253 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

