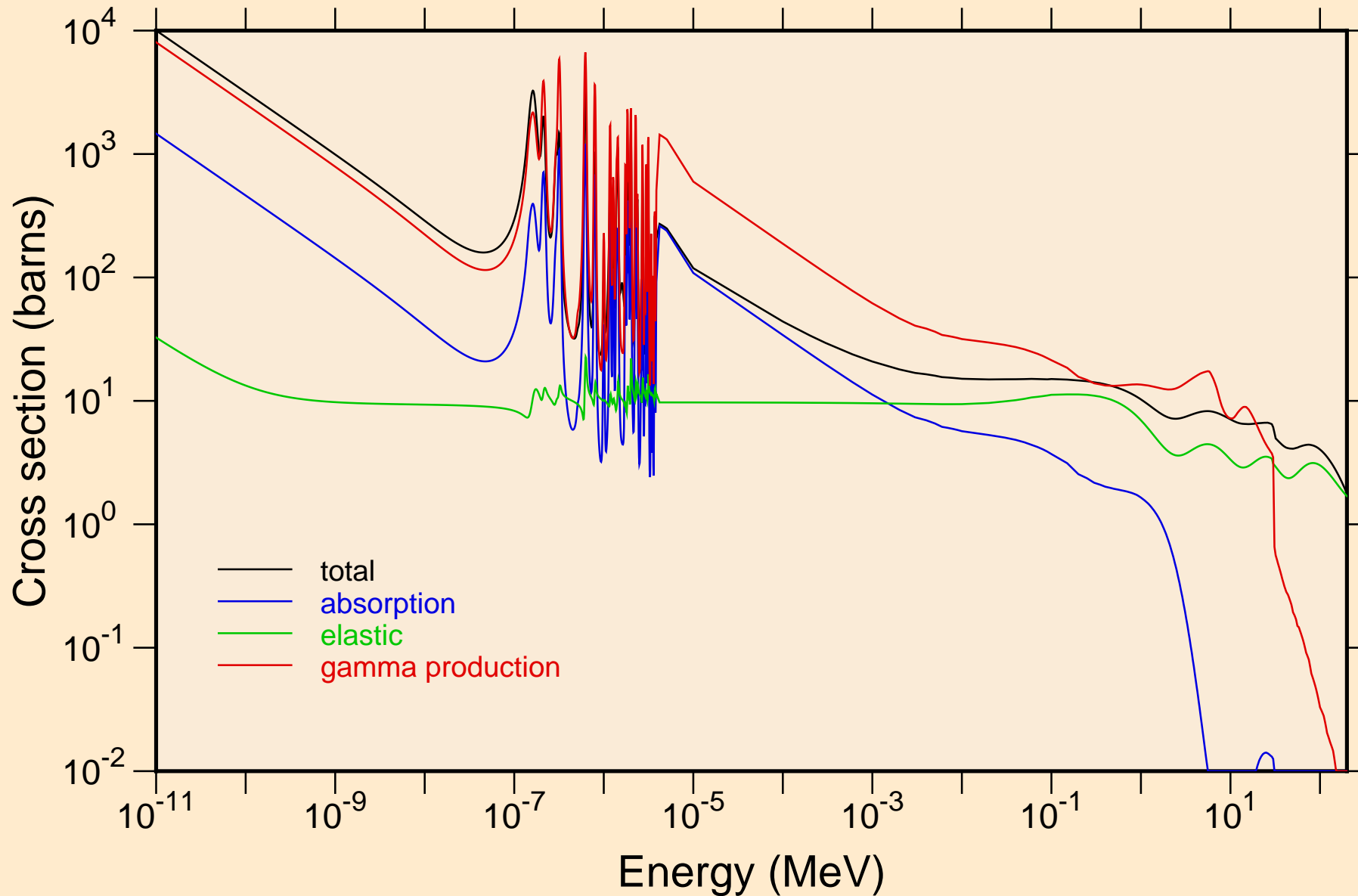
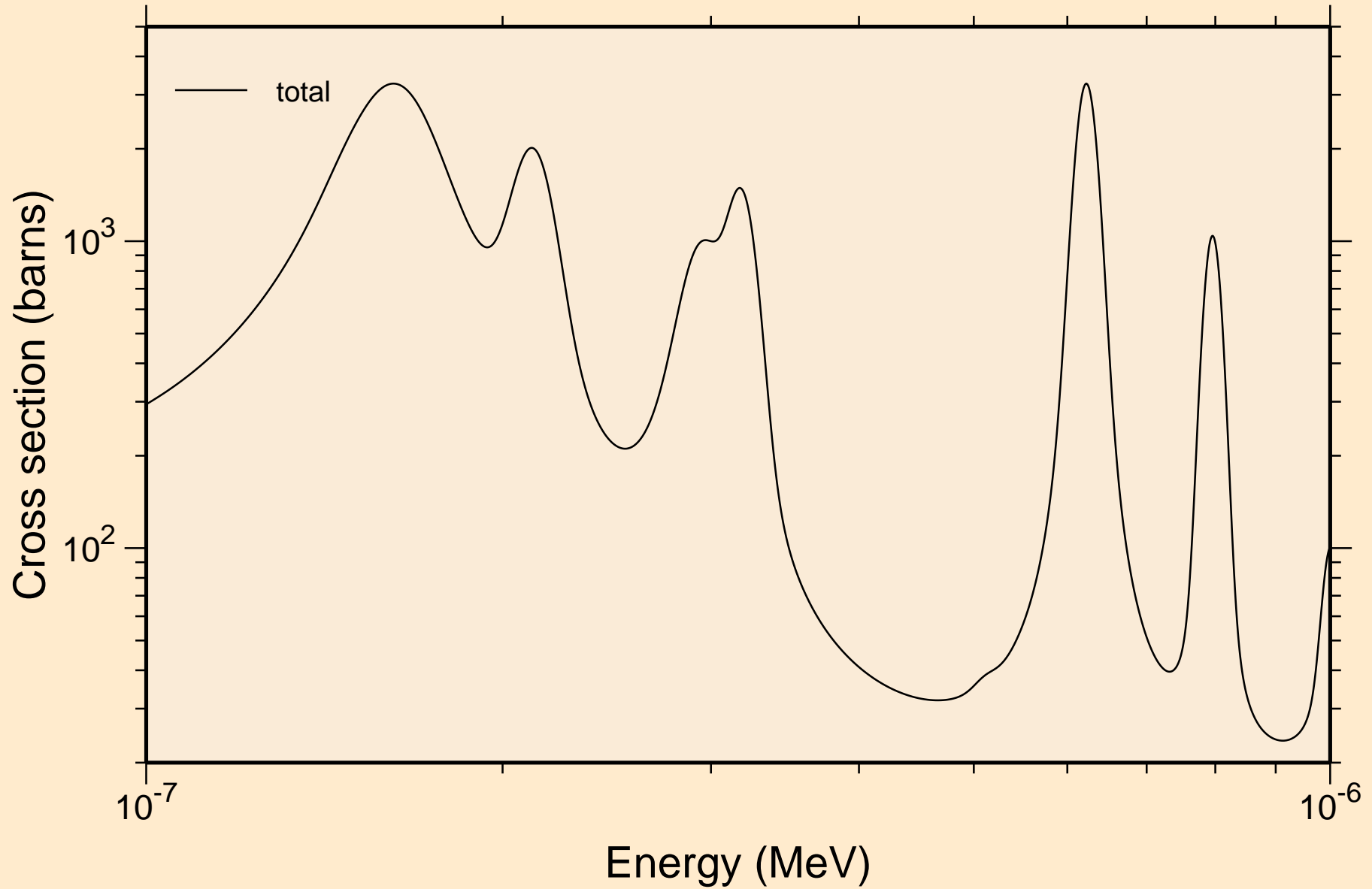


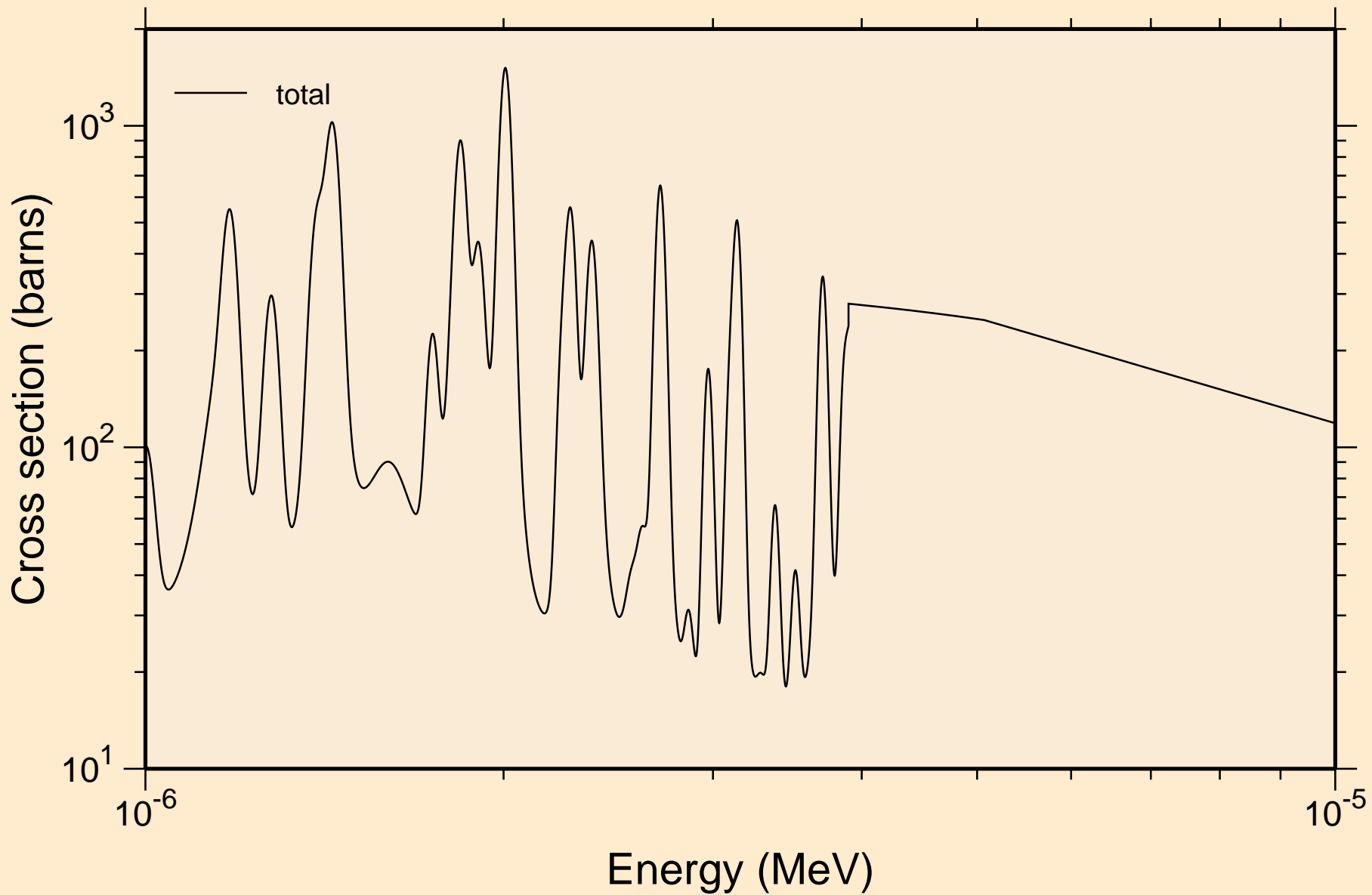
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



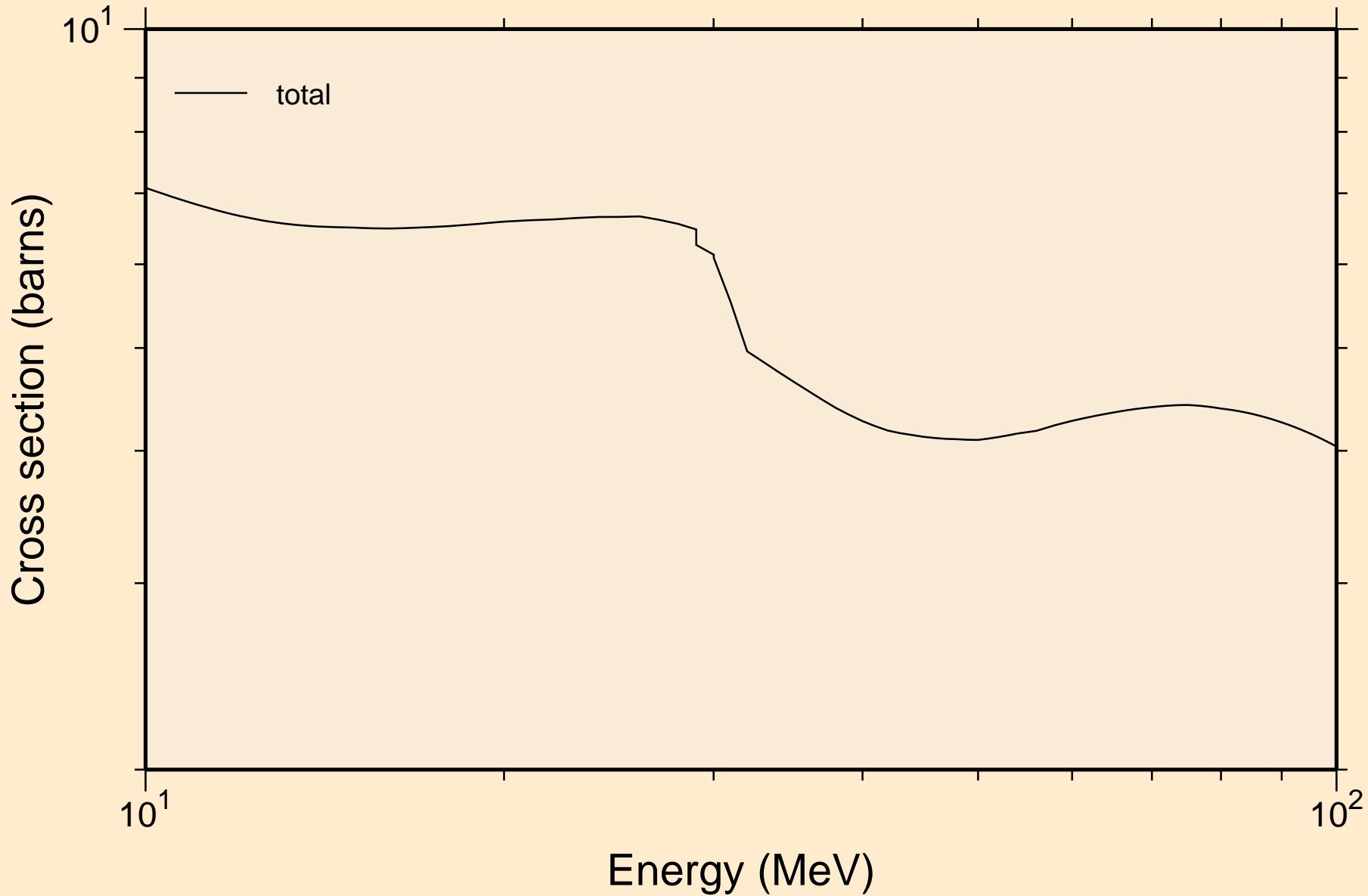
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resonance total cross section



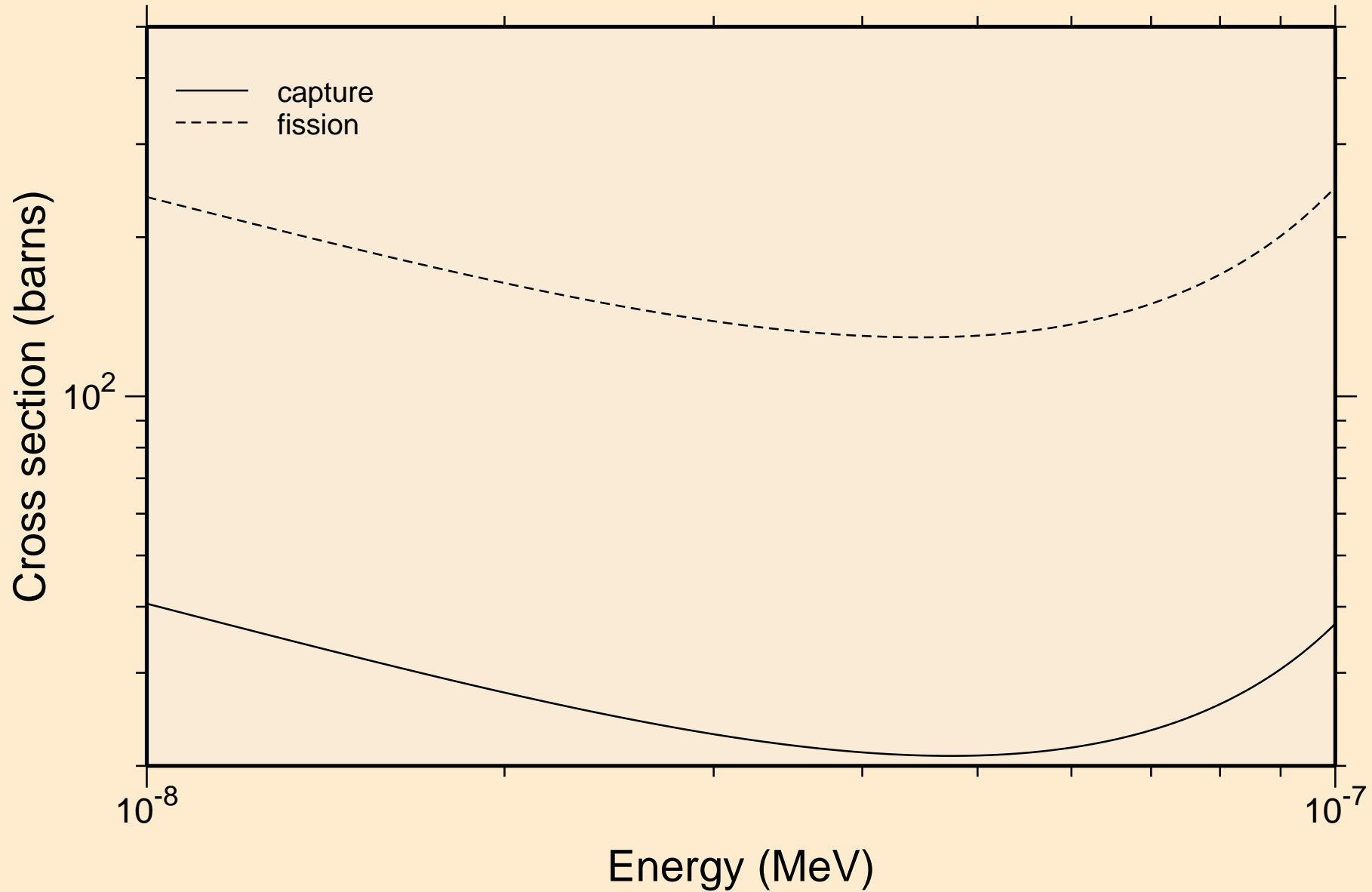
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



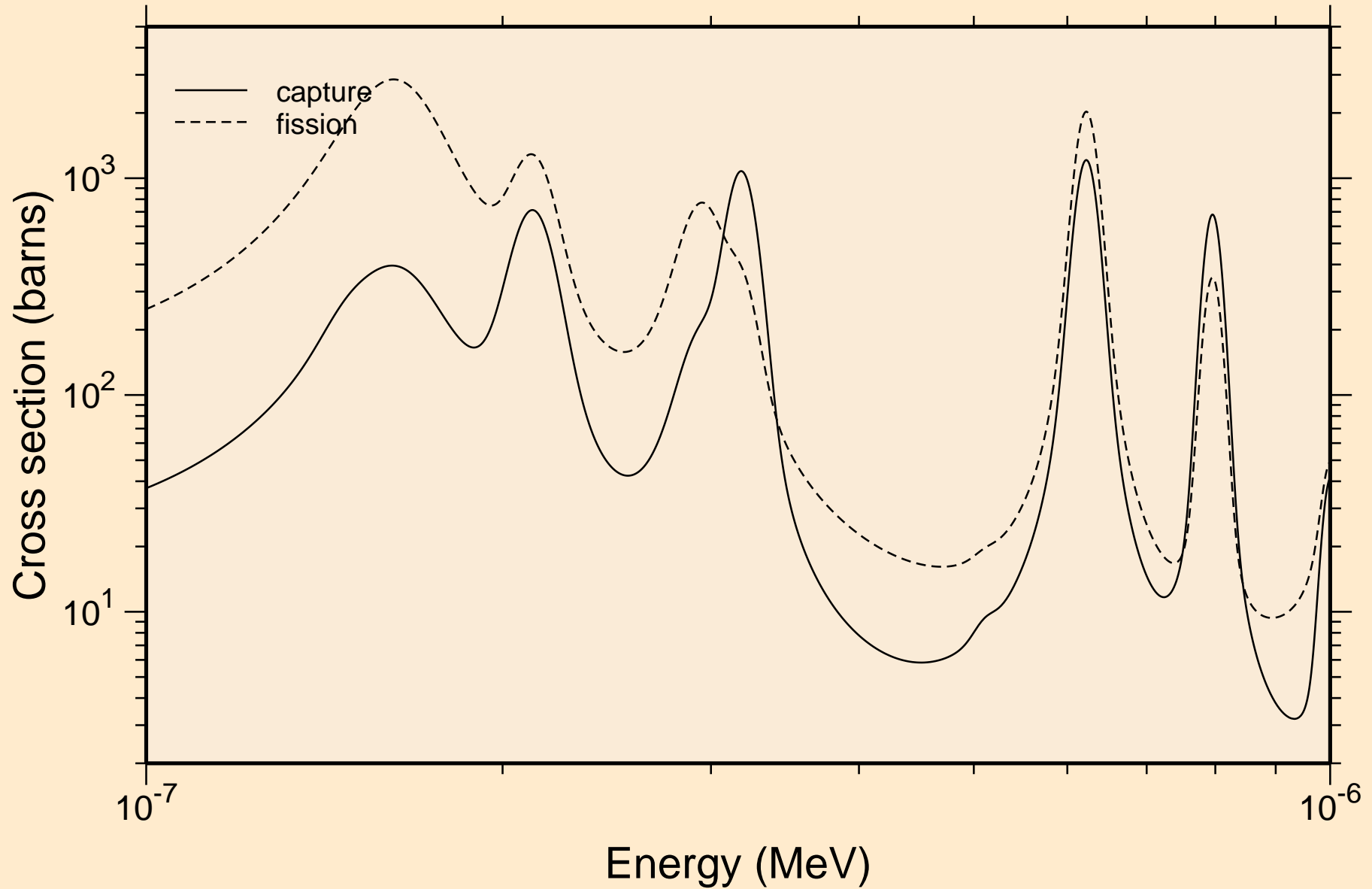
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



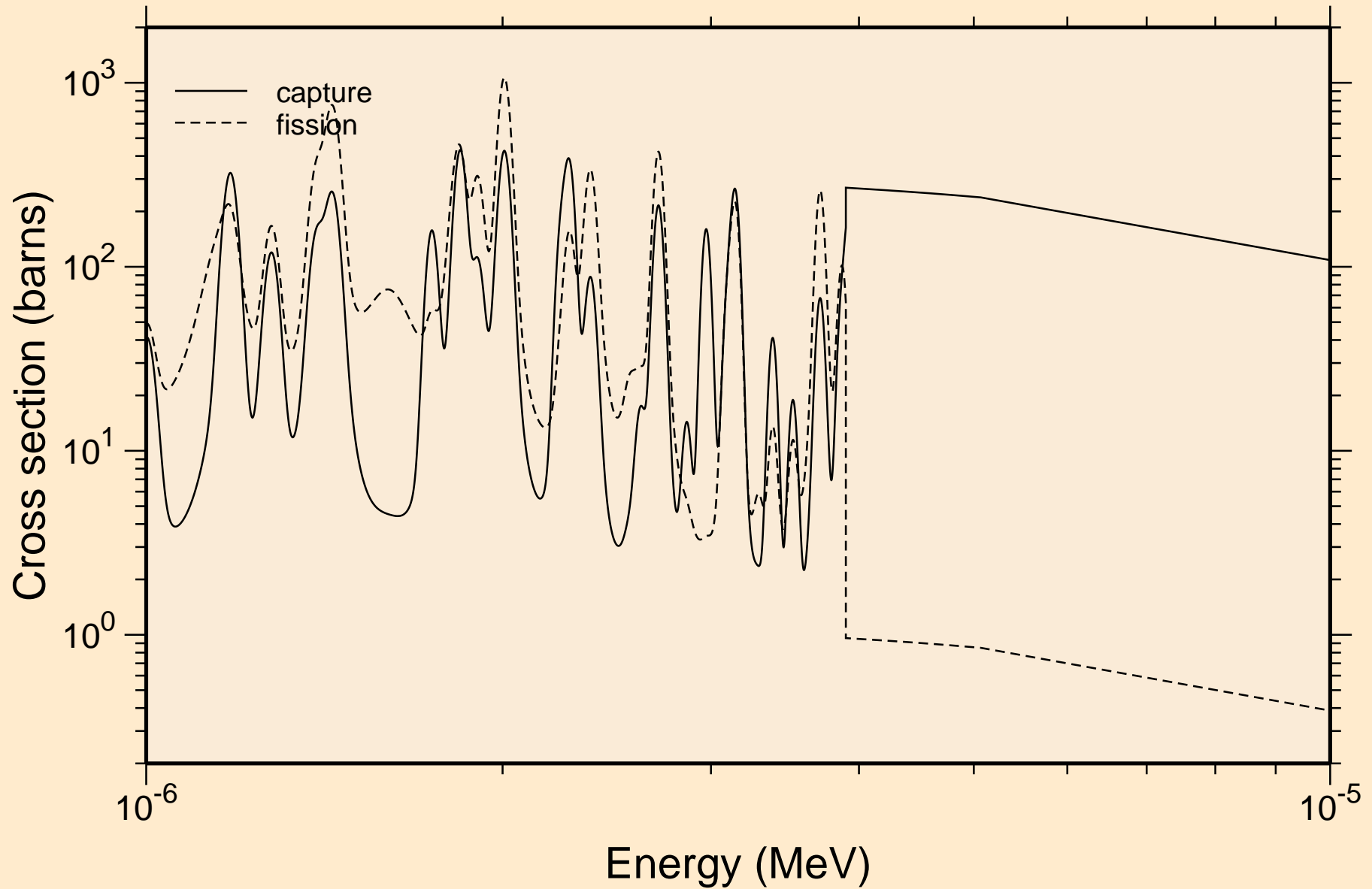
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



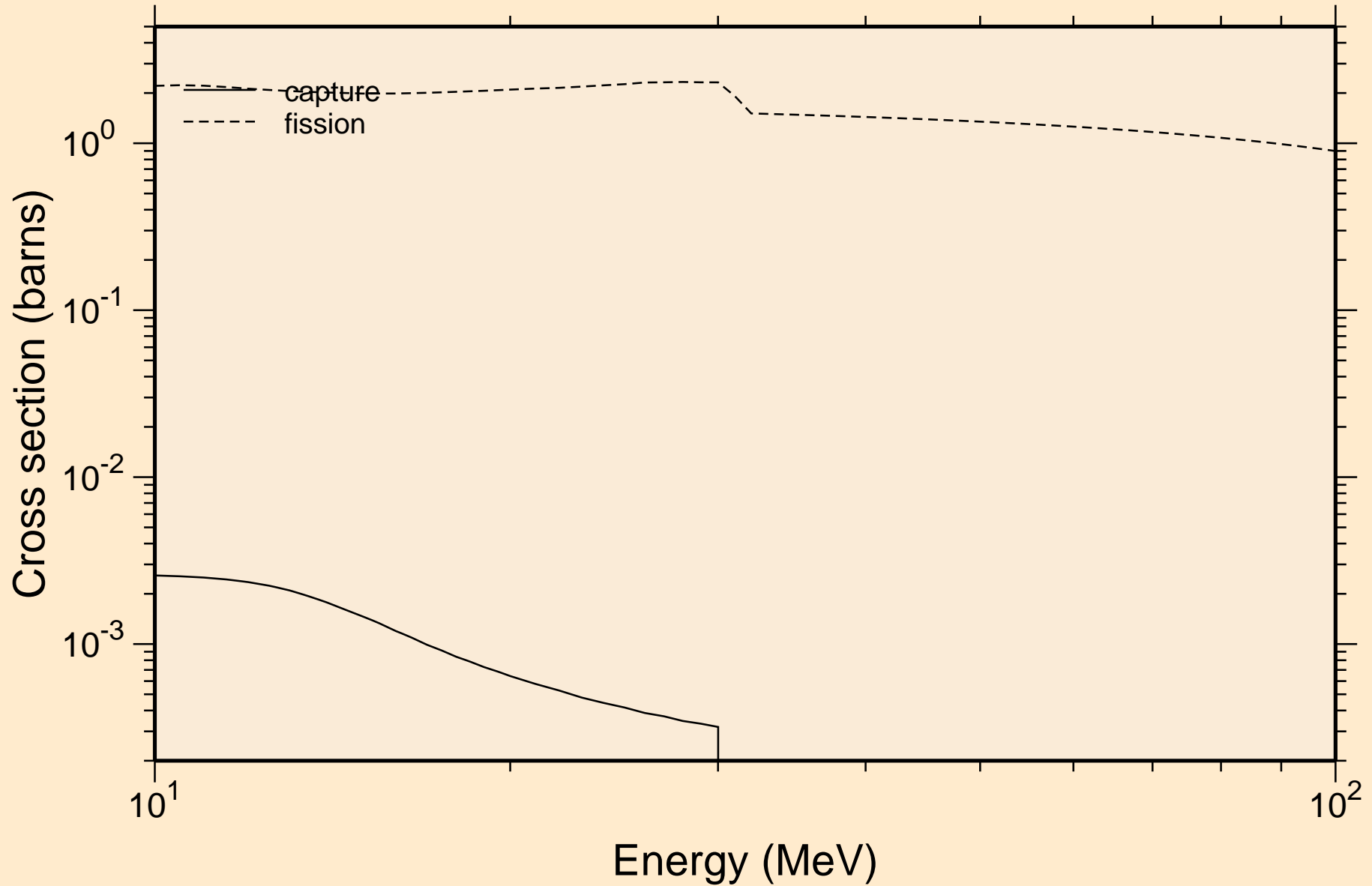
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

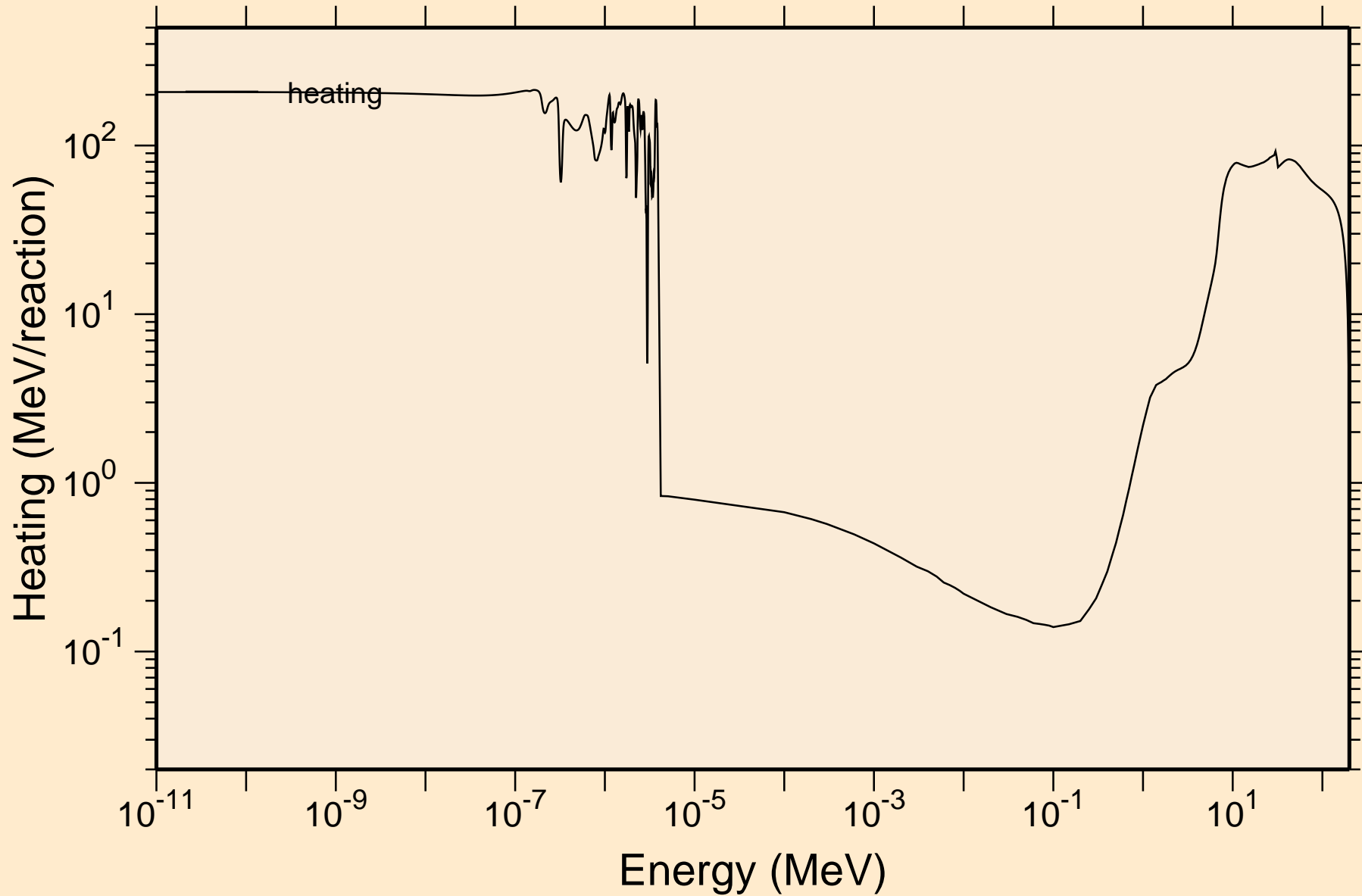


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

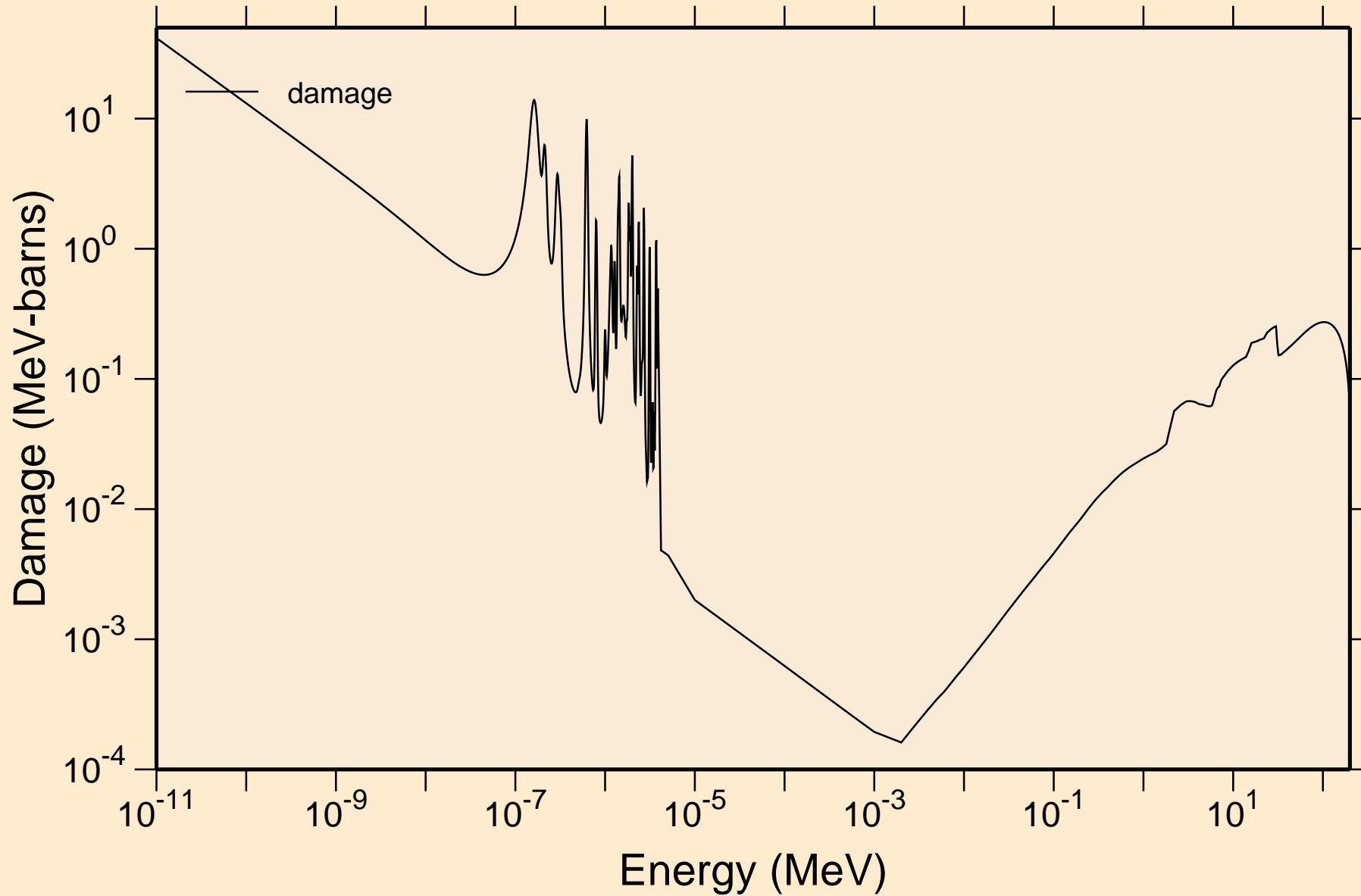




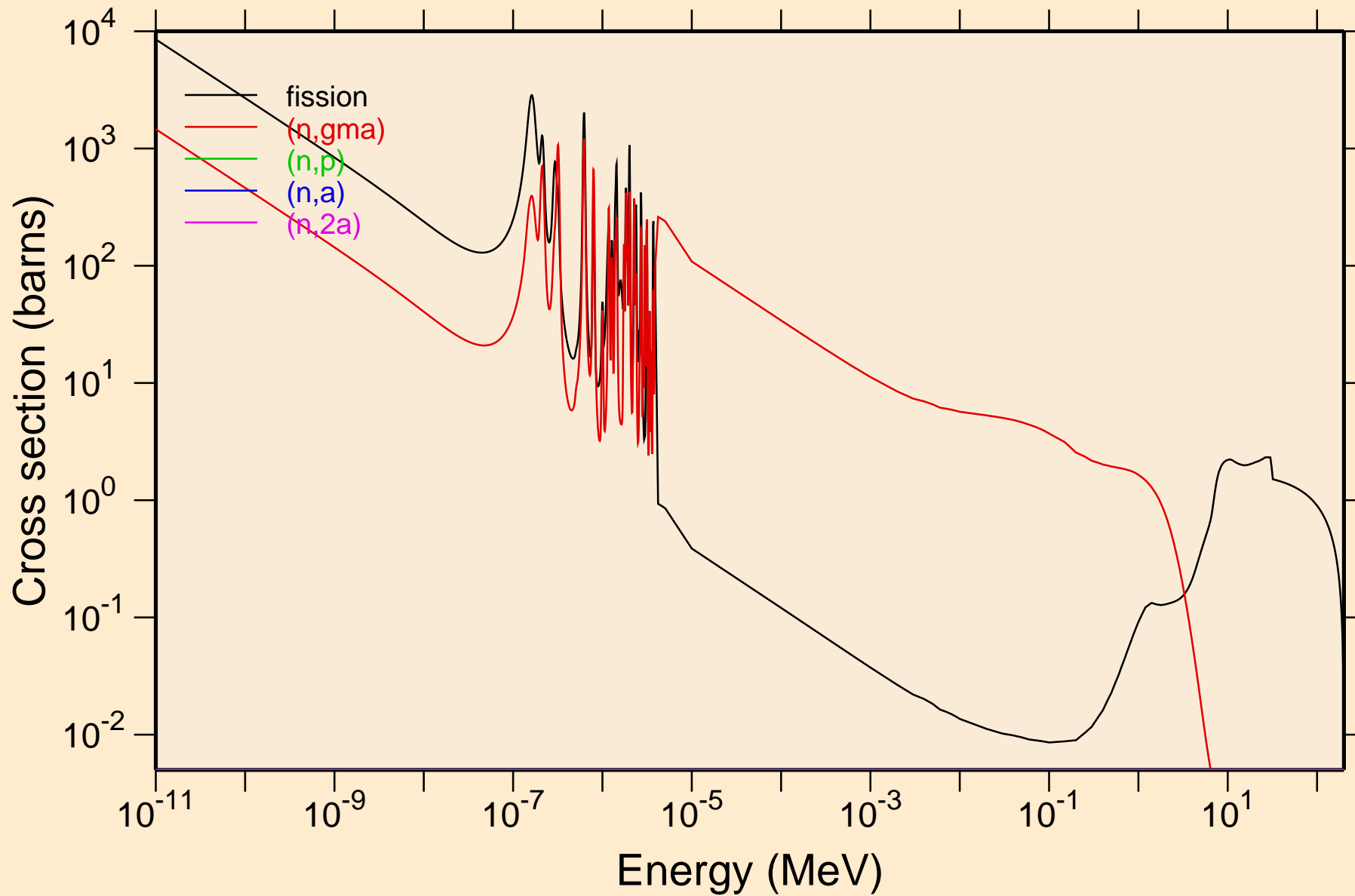
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



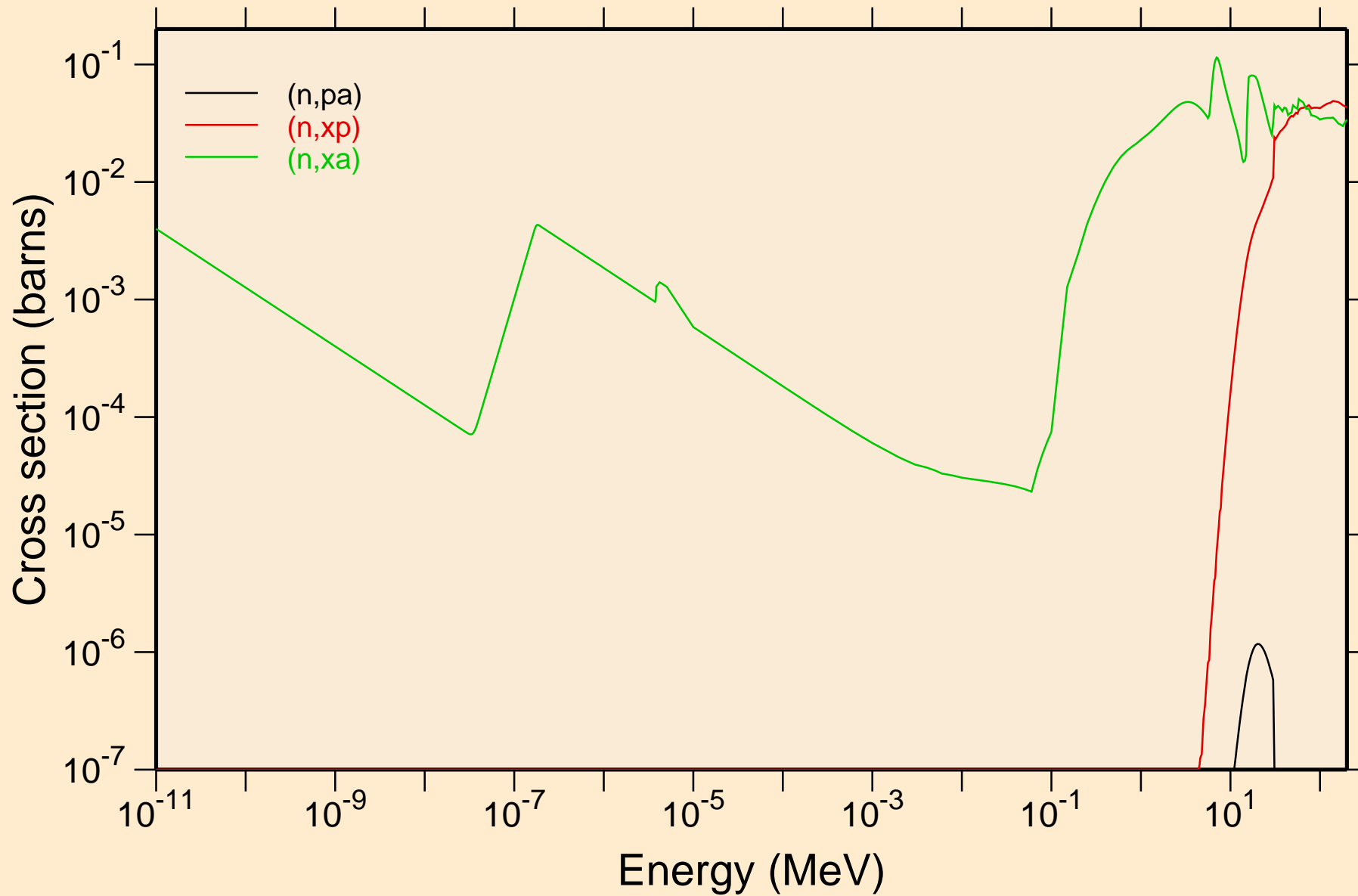
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



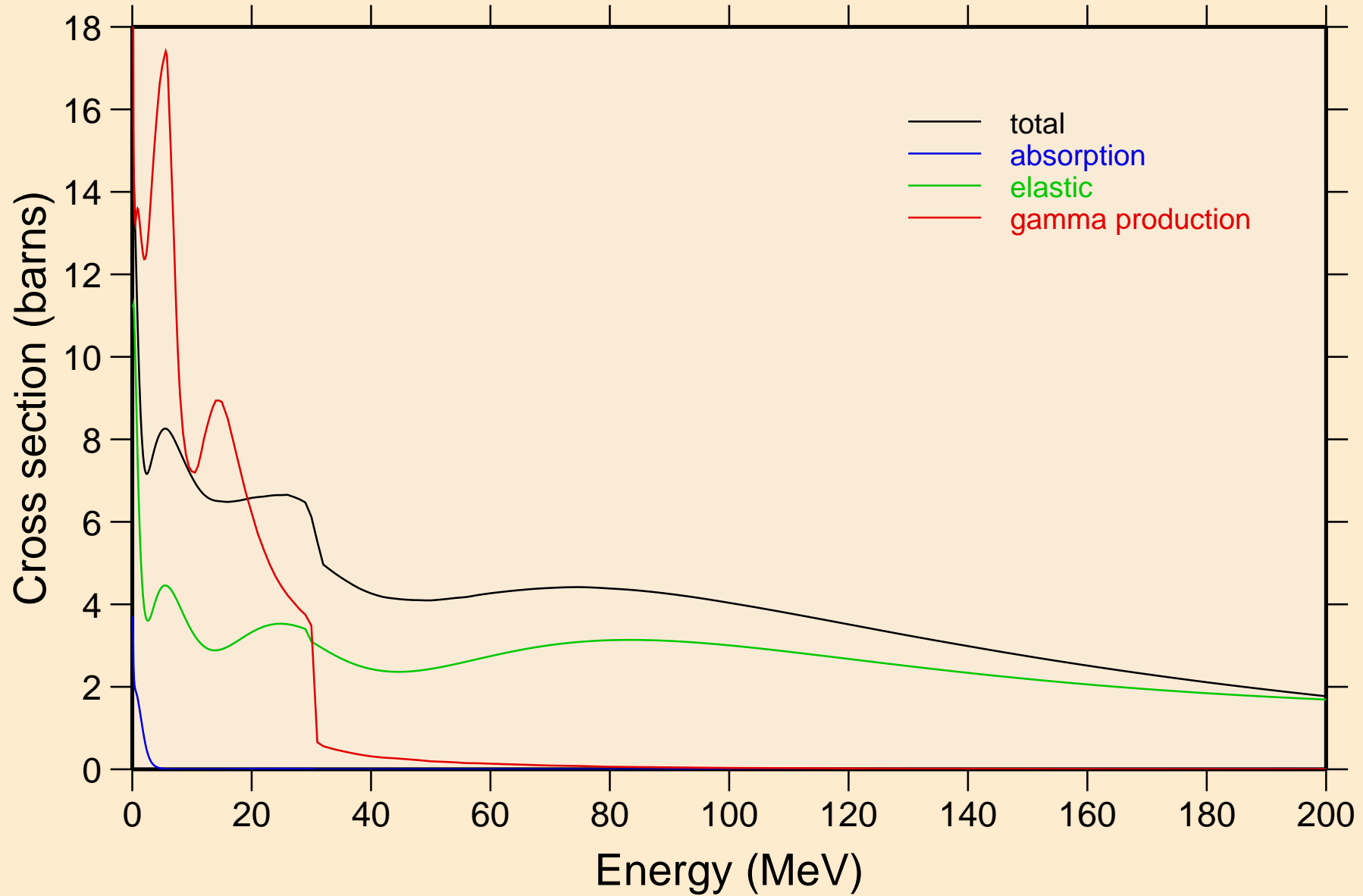
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Non-threshold reactions



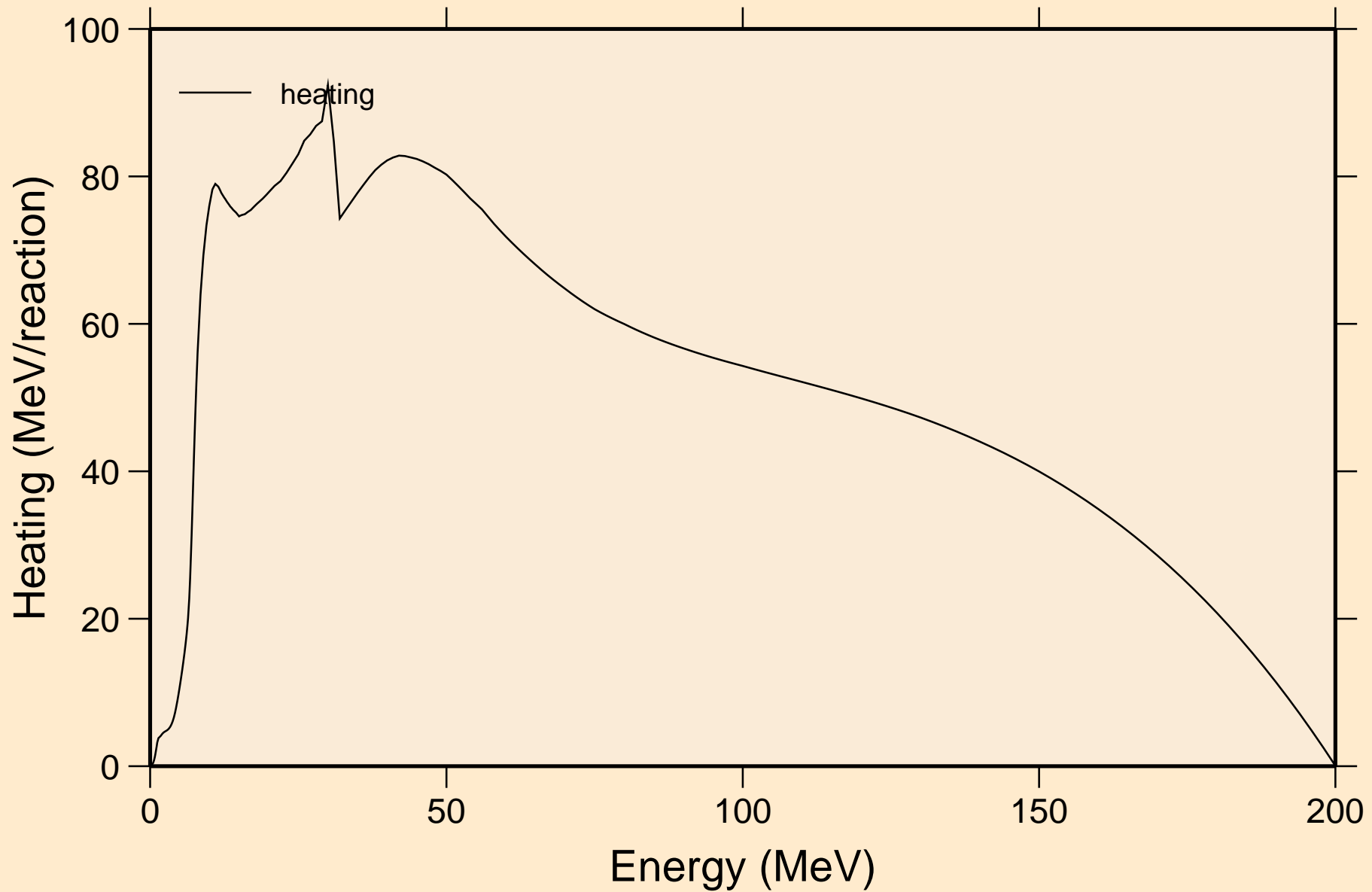
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Non-threshold reactions



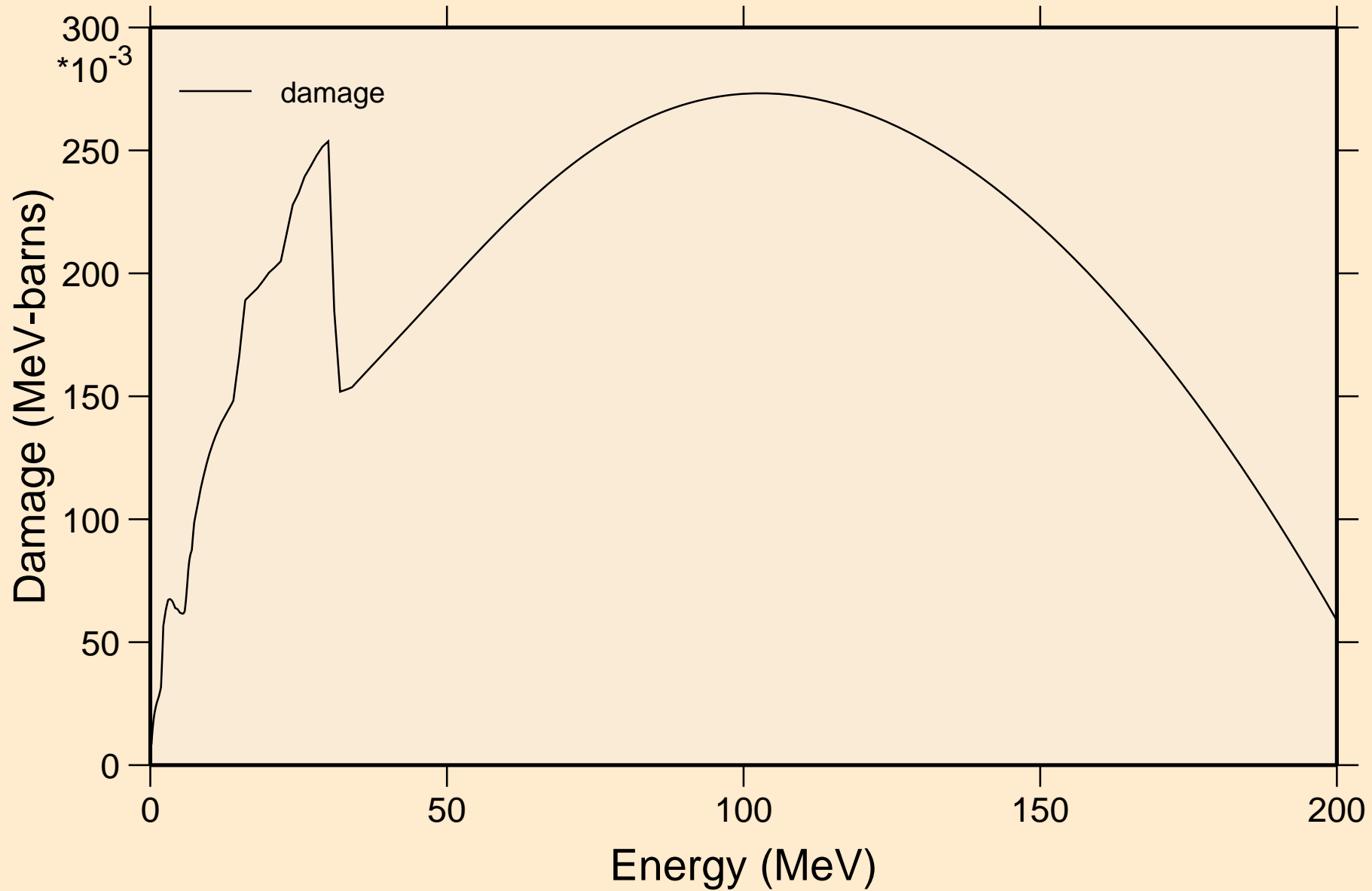
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

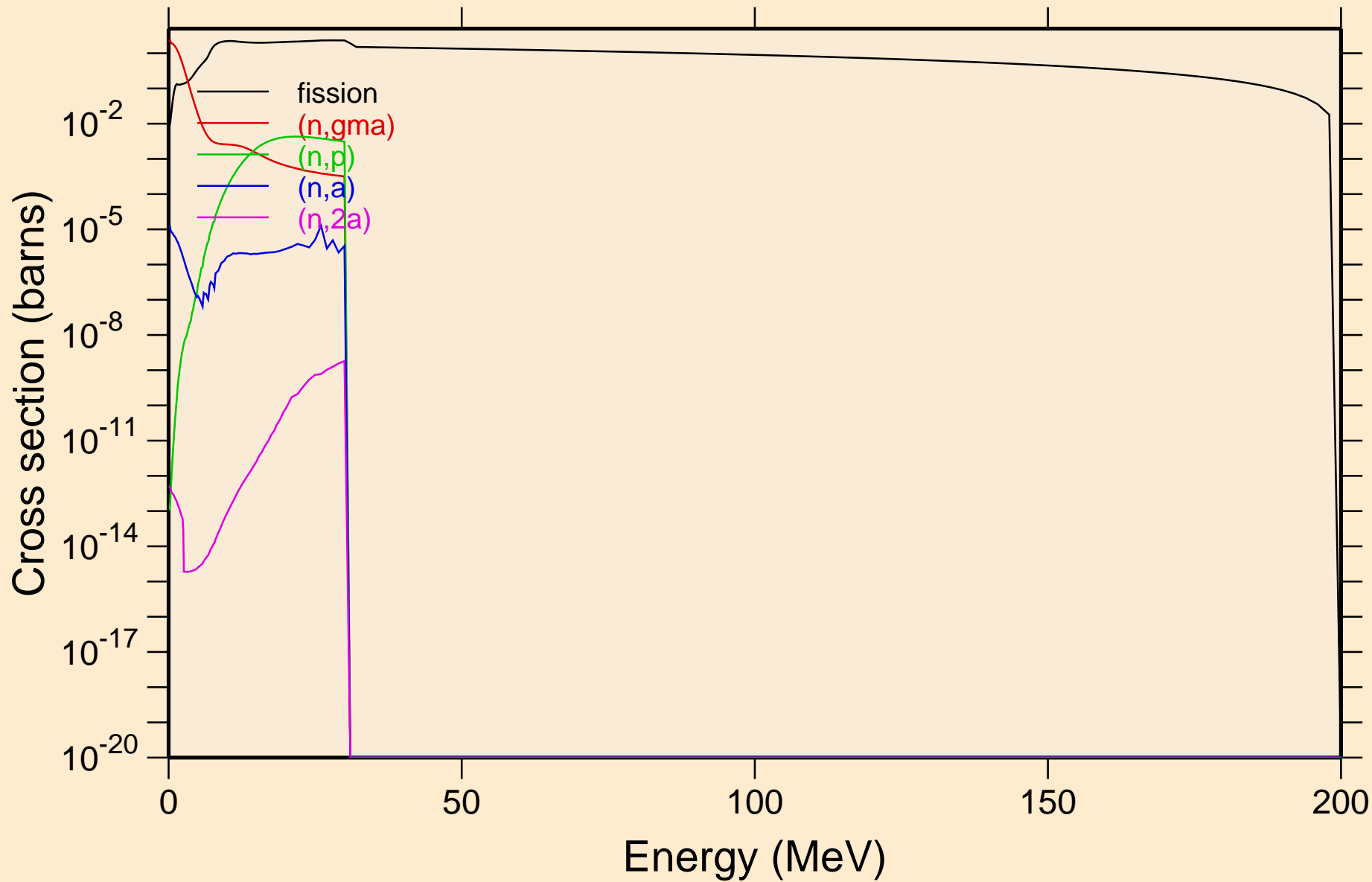


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



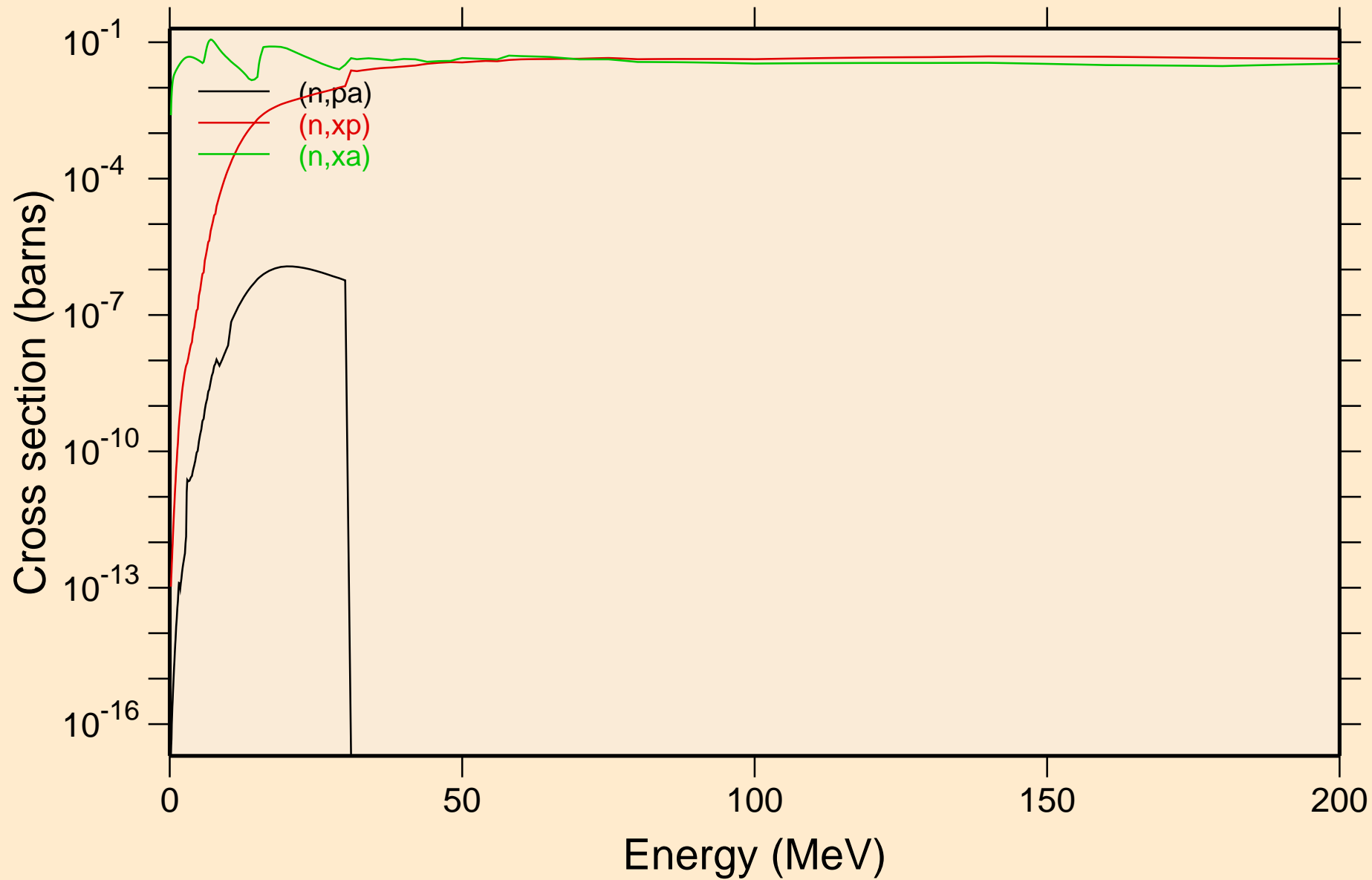
# FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

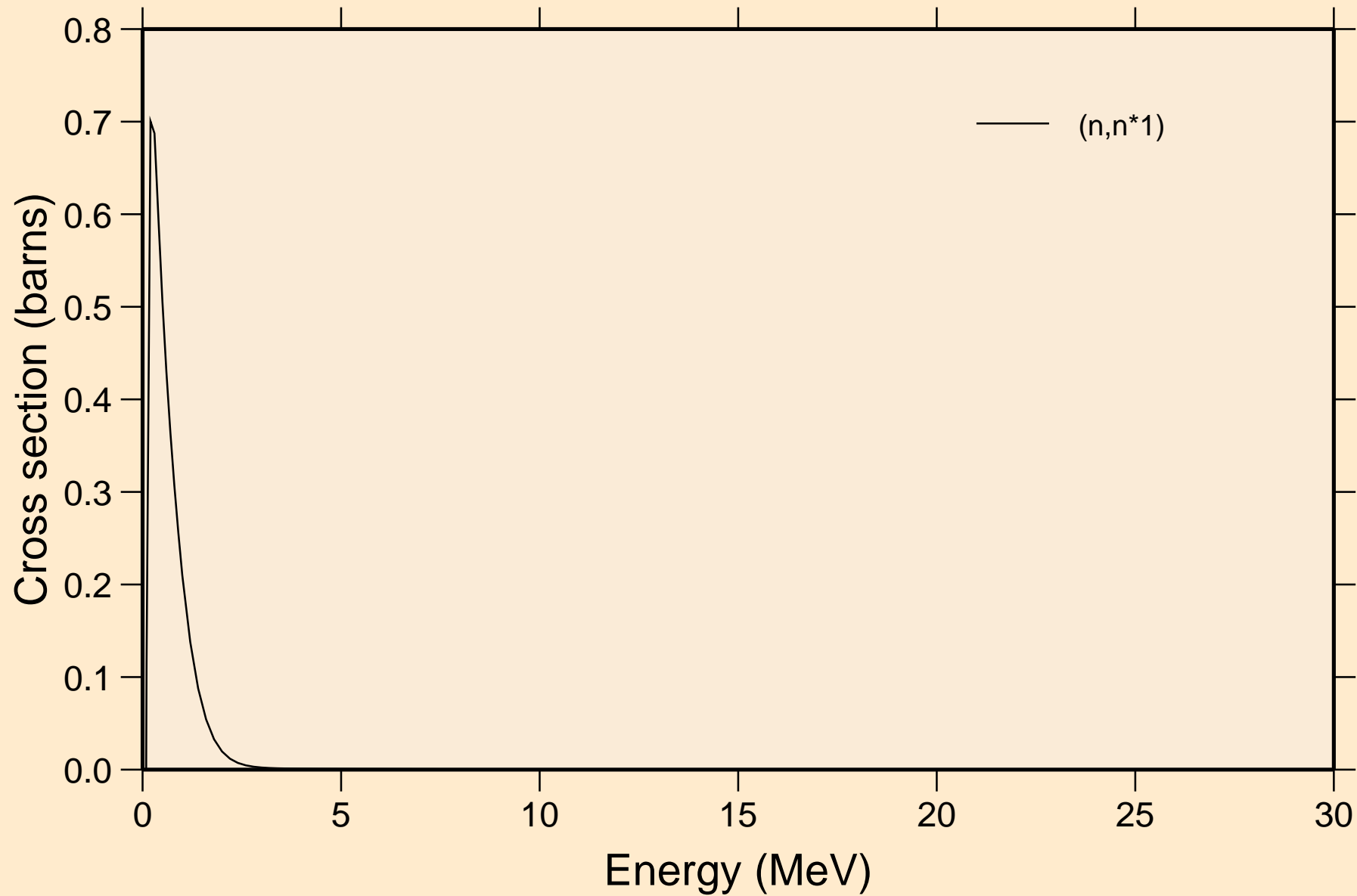




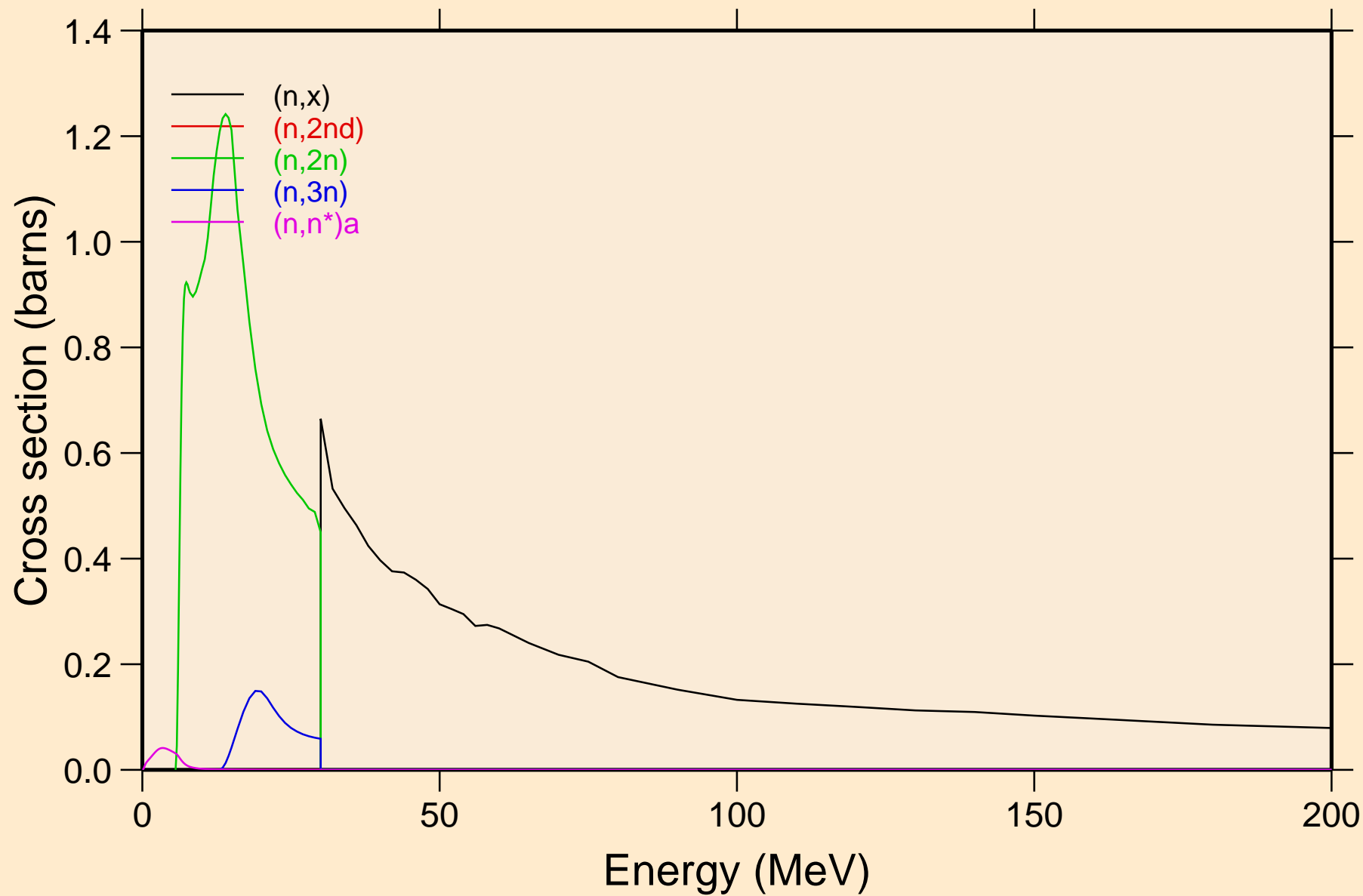
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



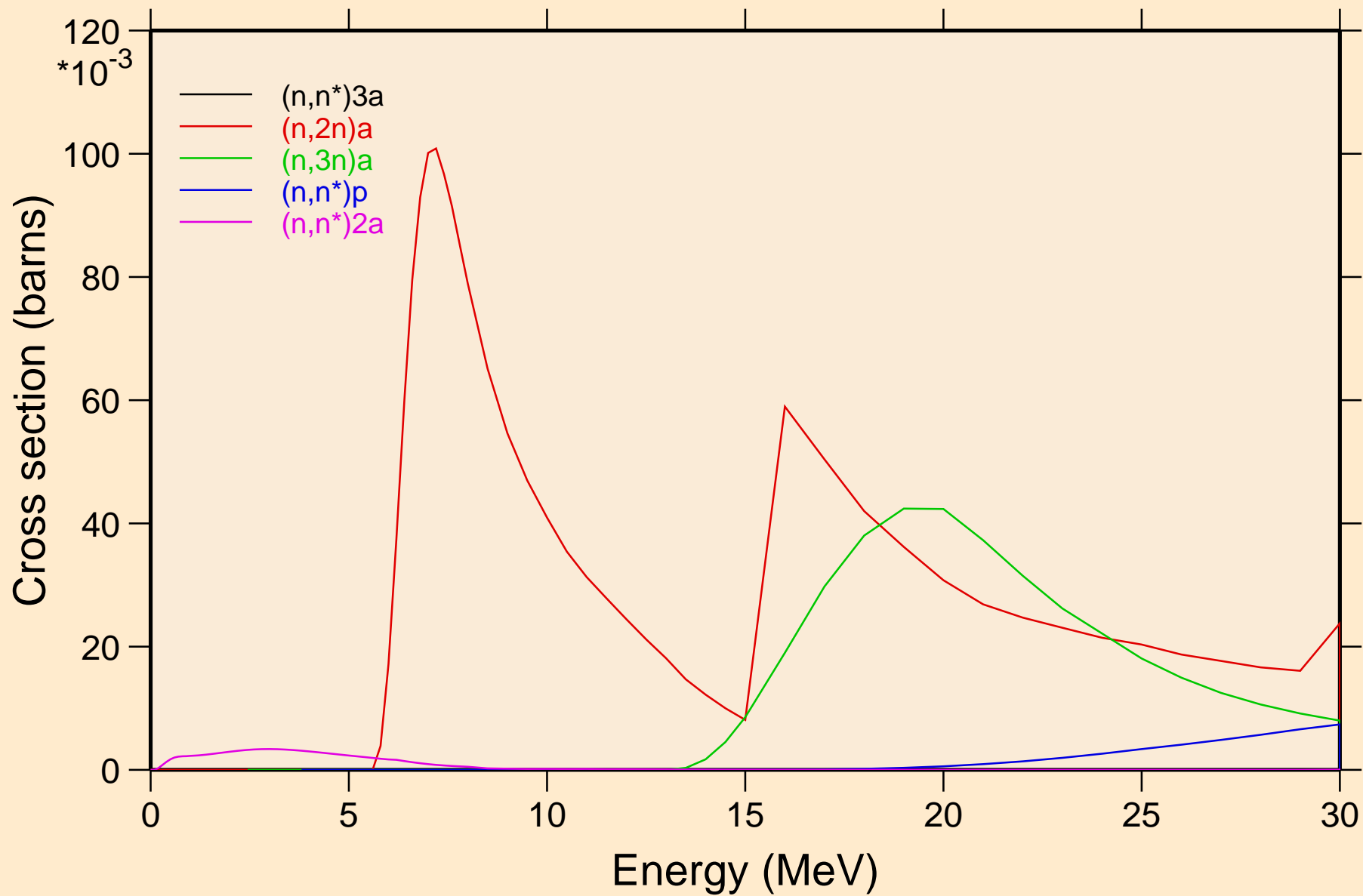
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



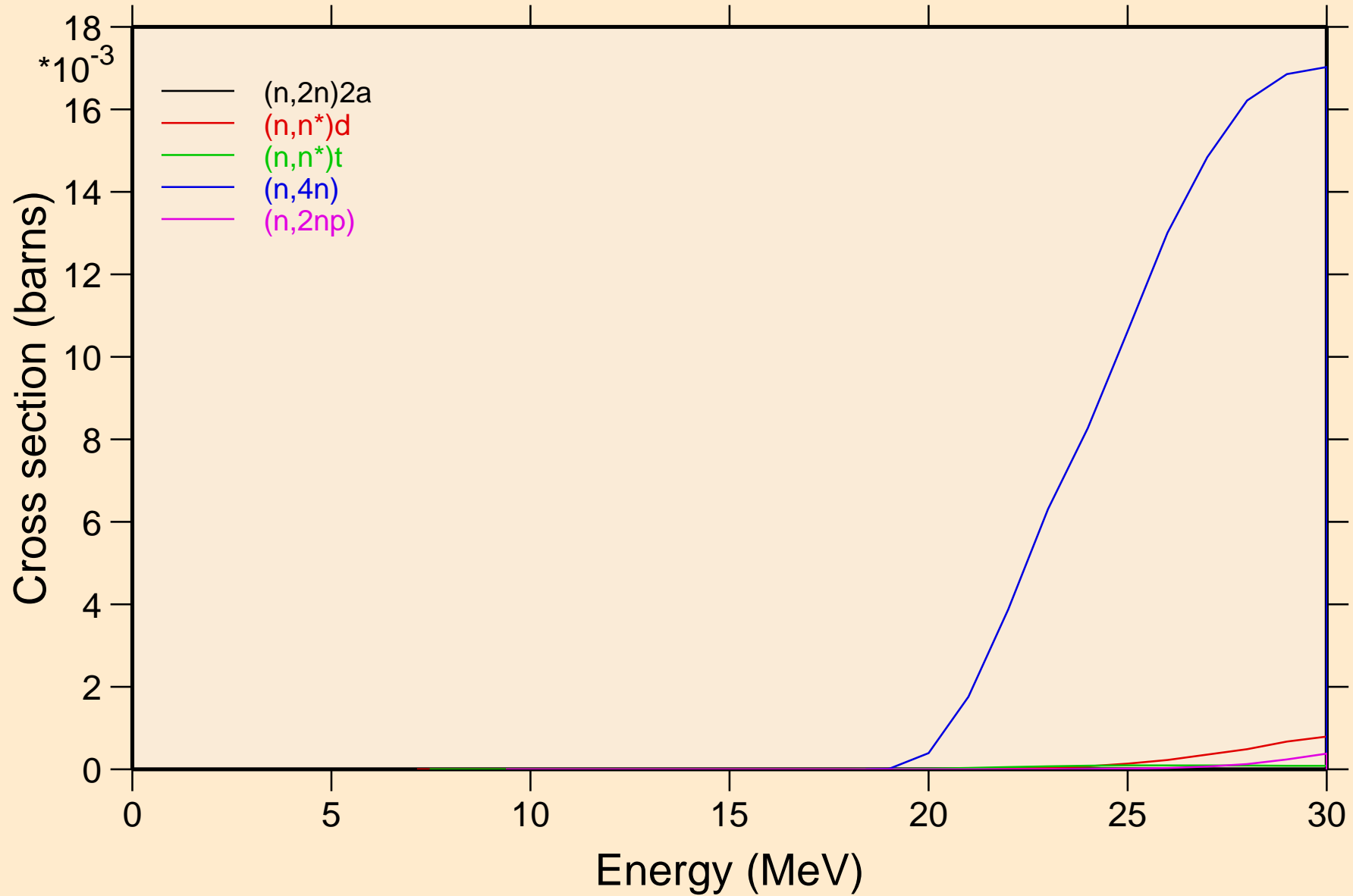
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



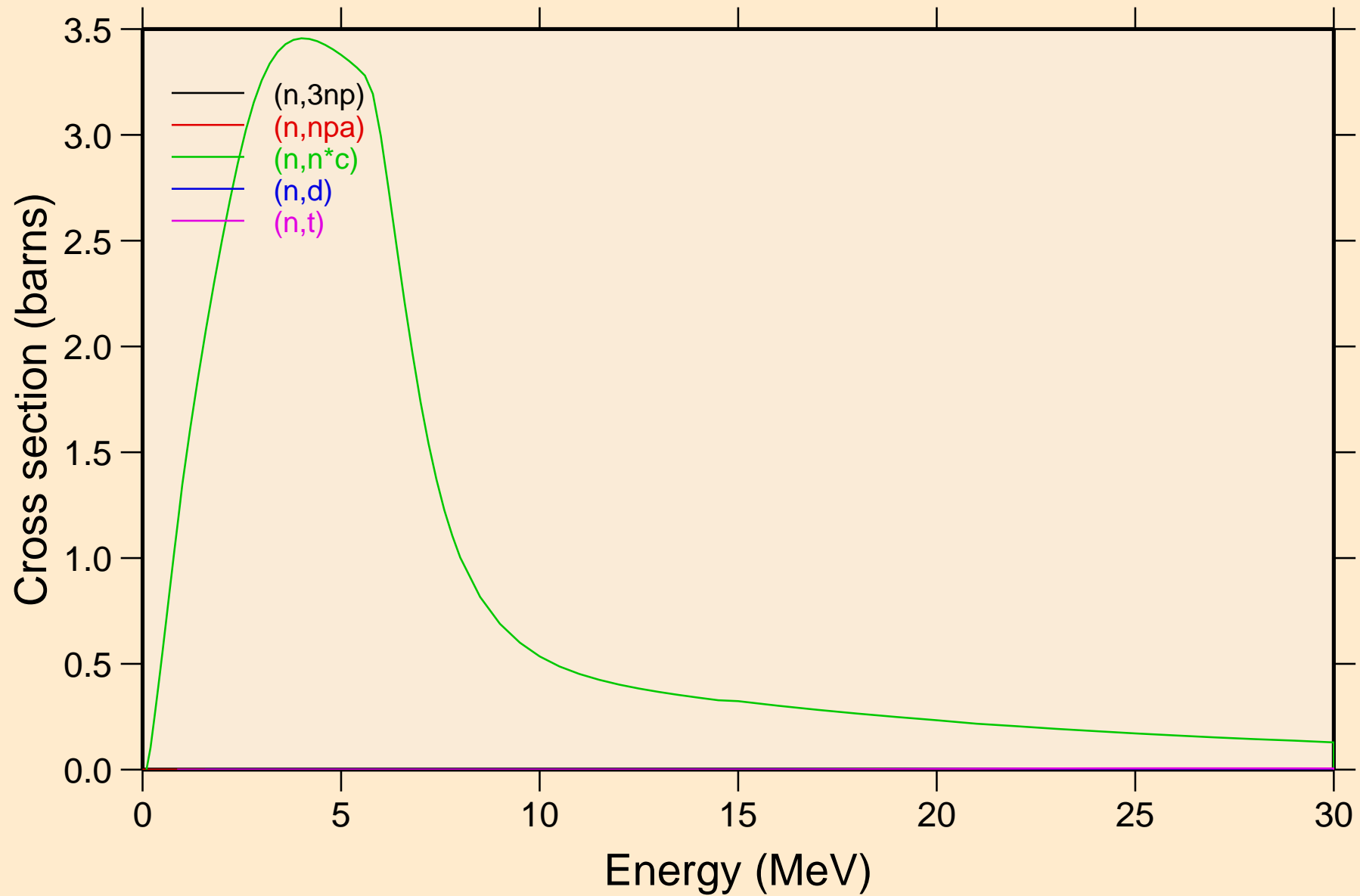
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



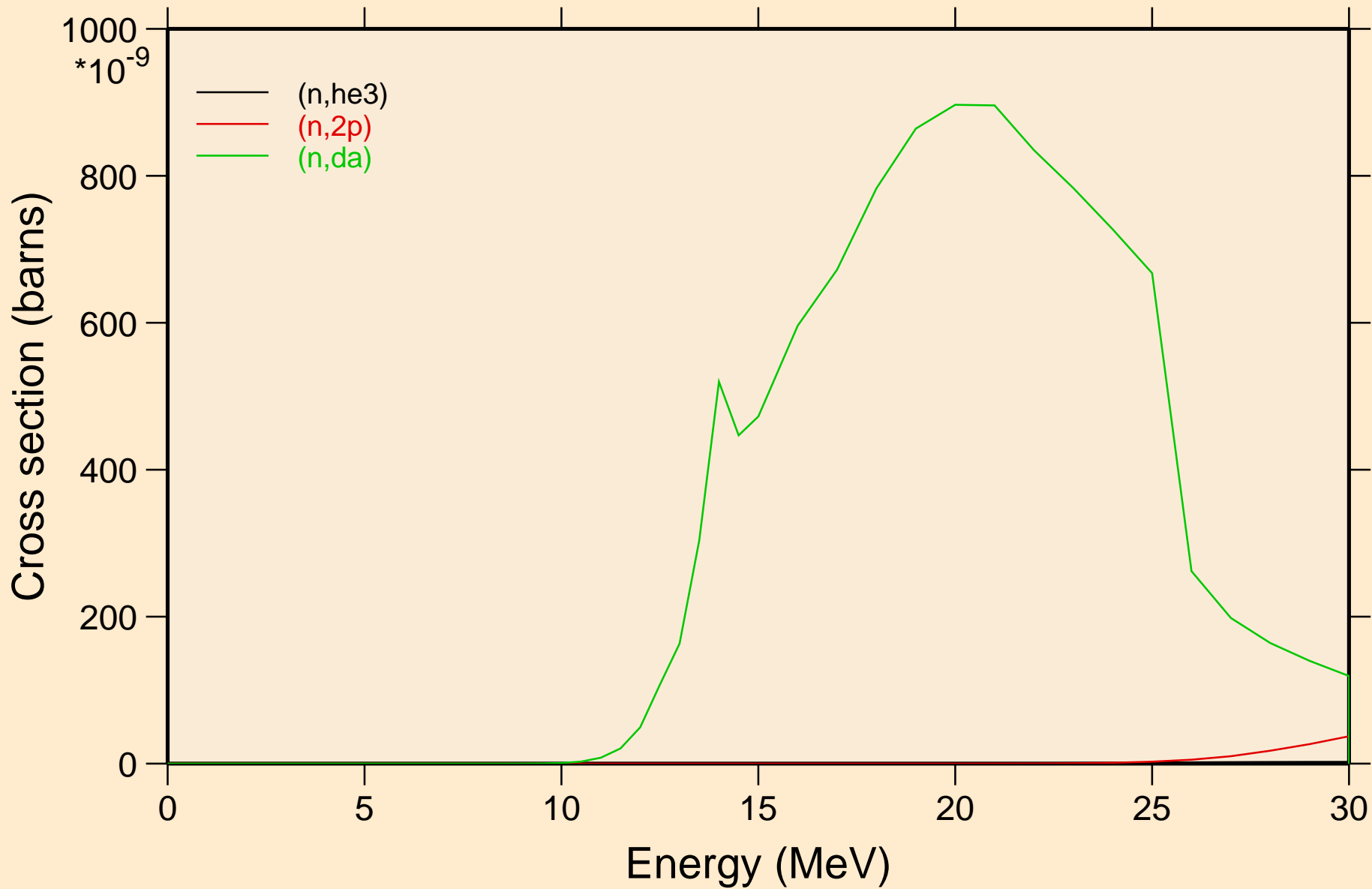
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



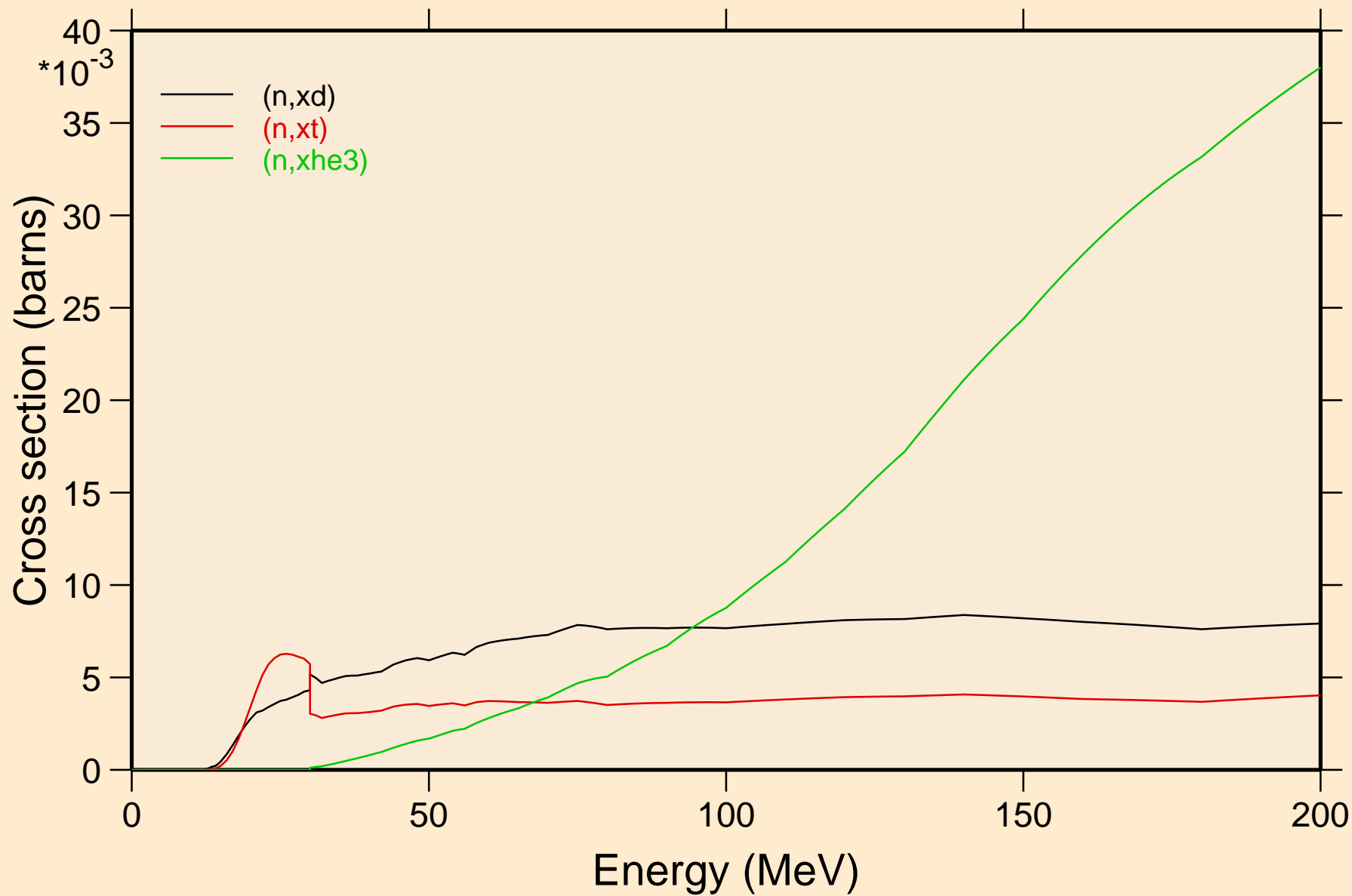
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

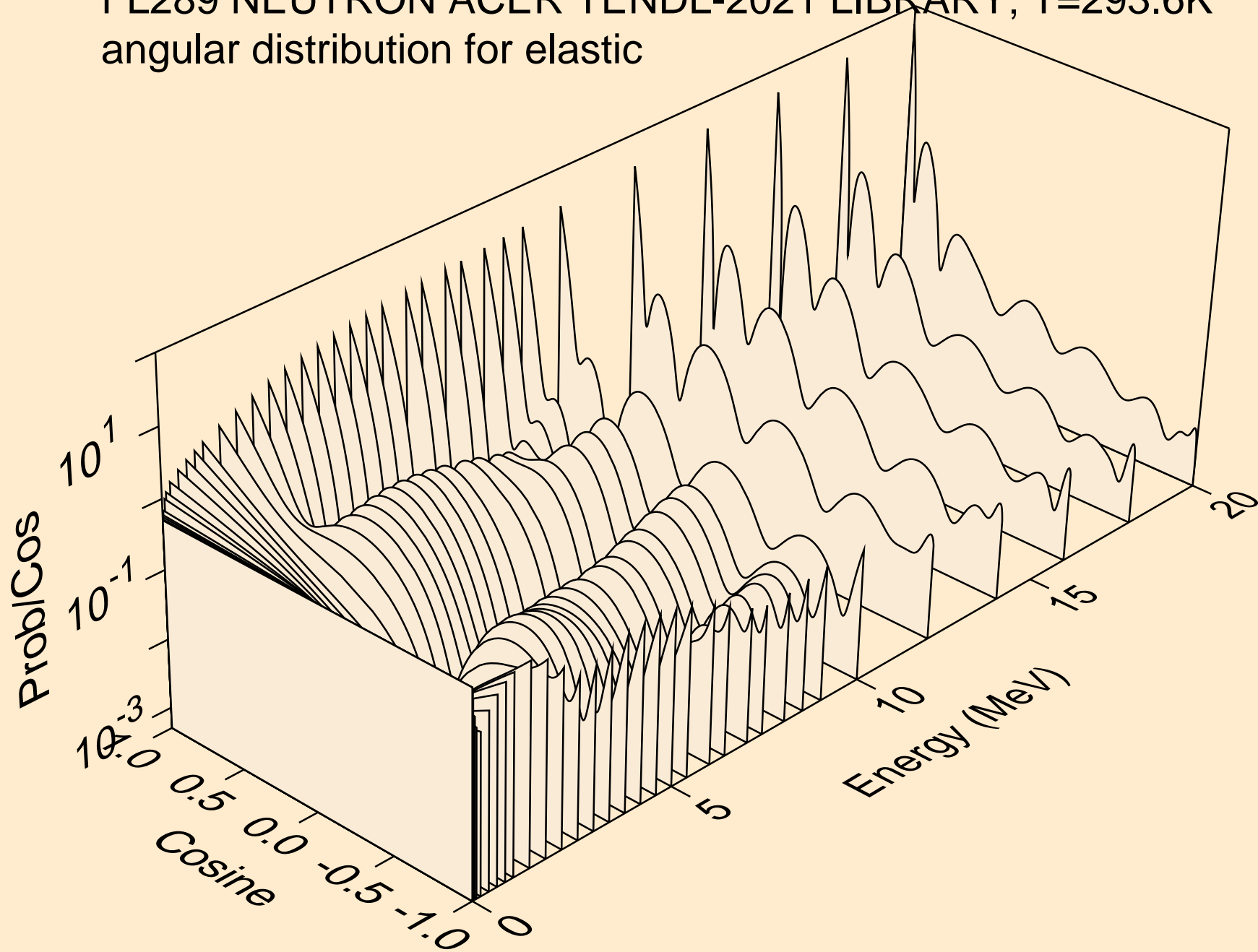


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

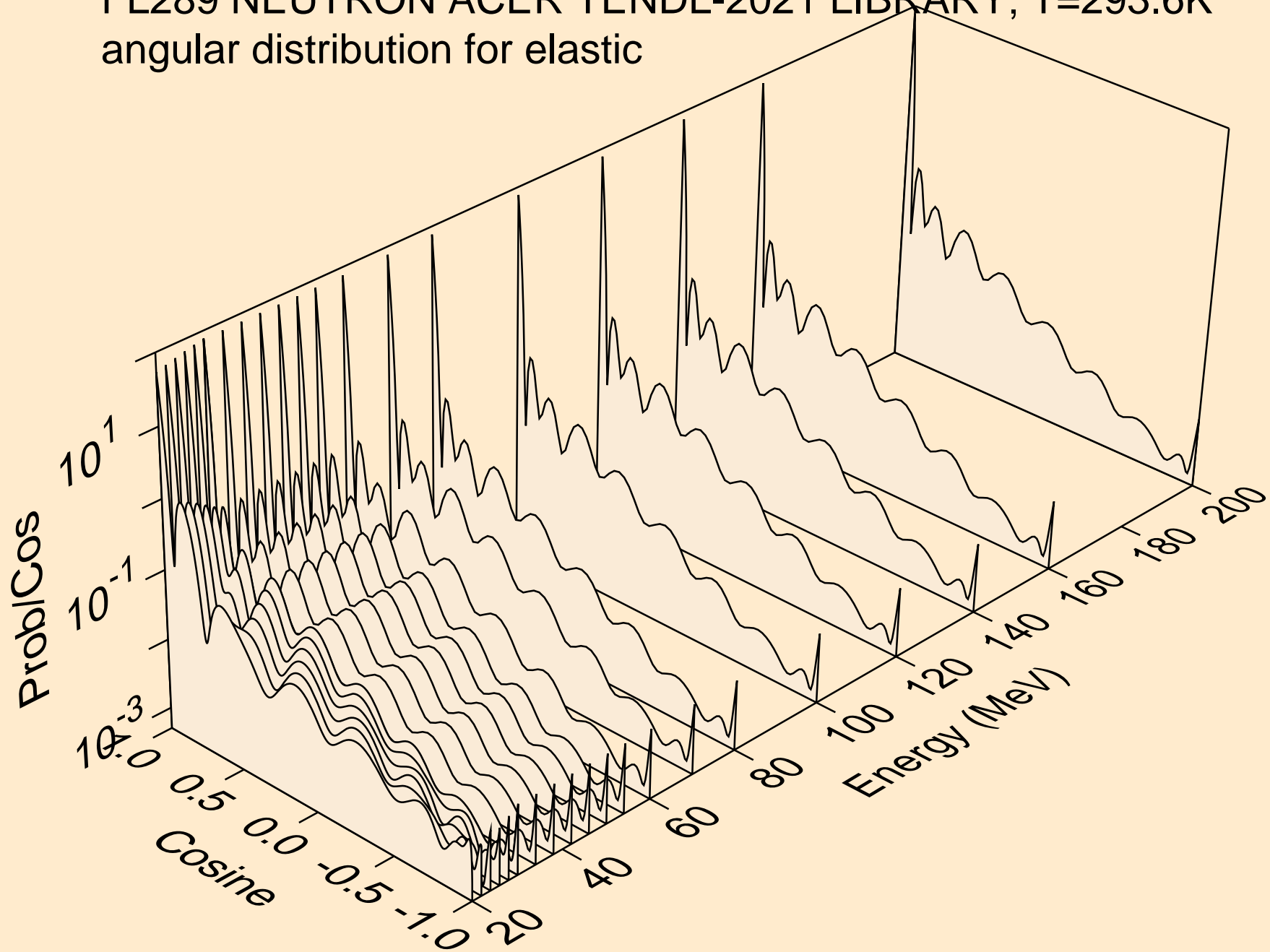




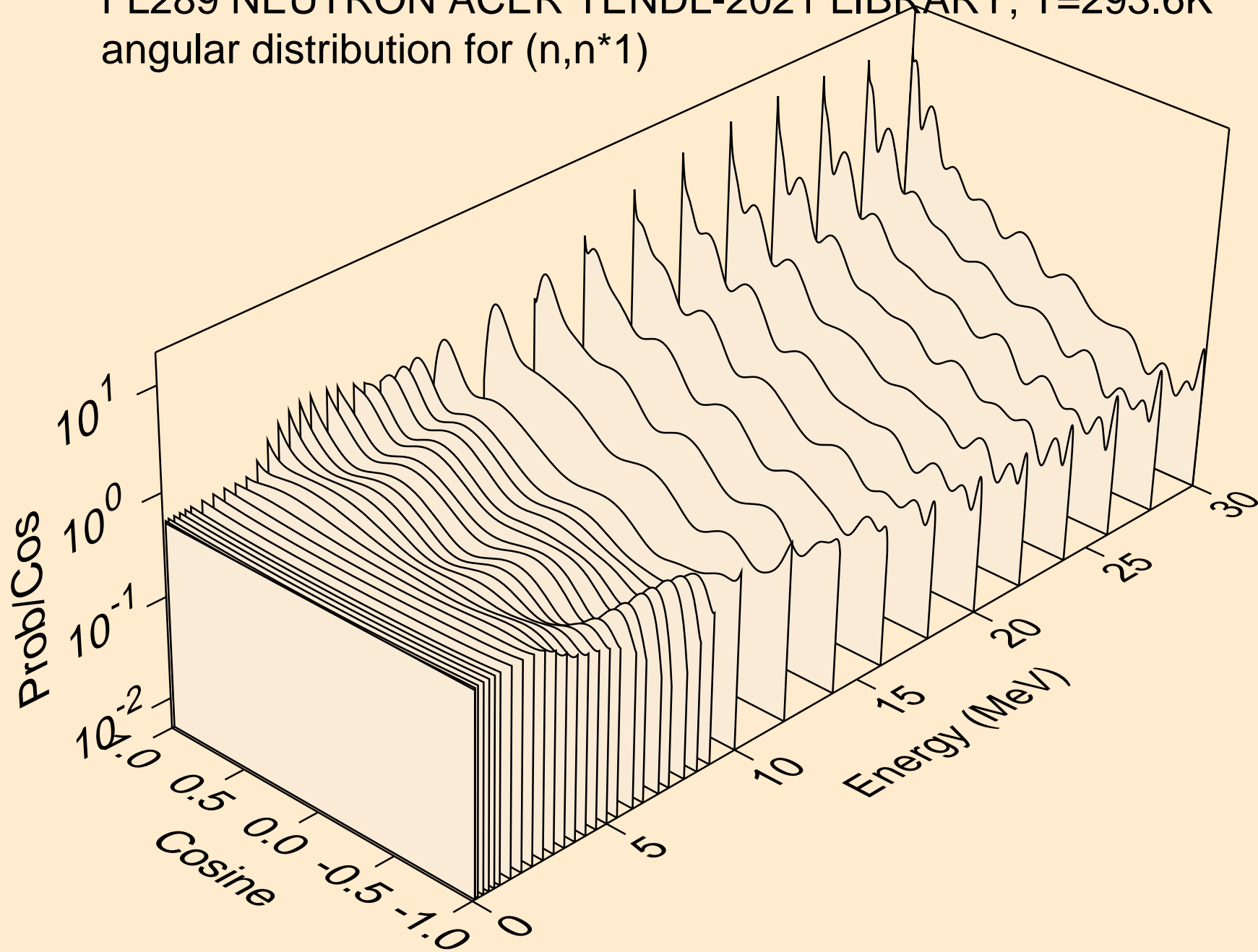
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



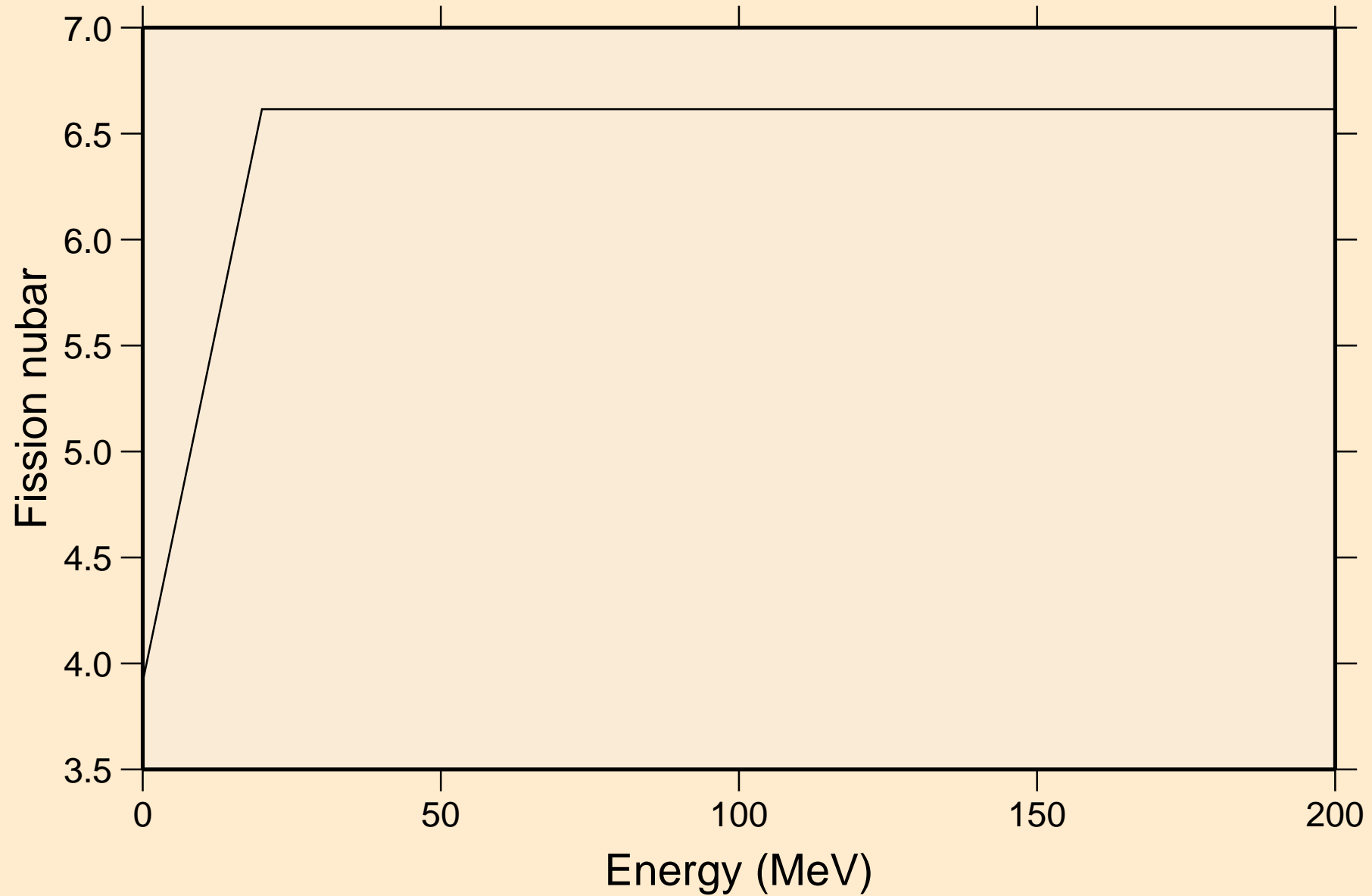
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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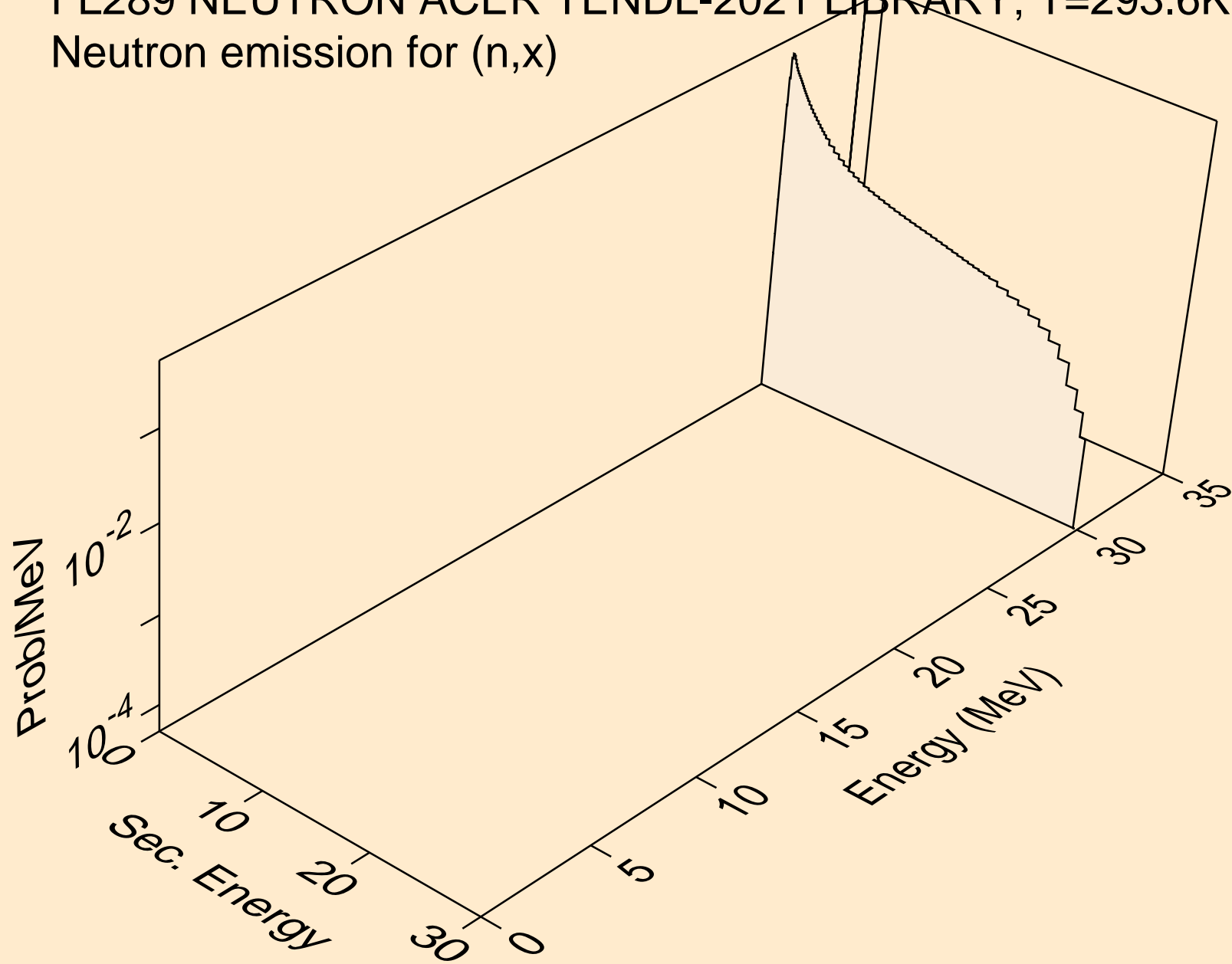
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



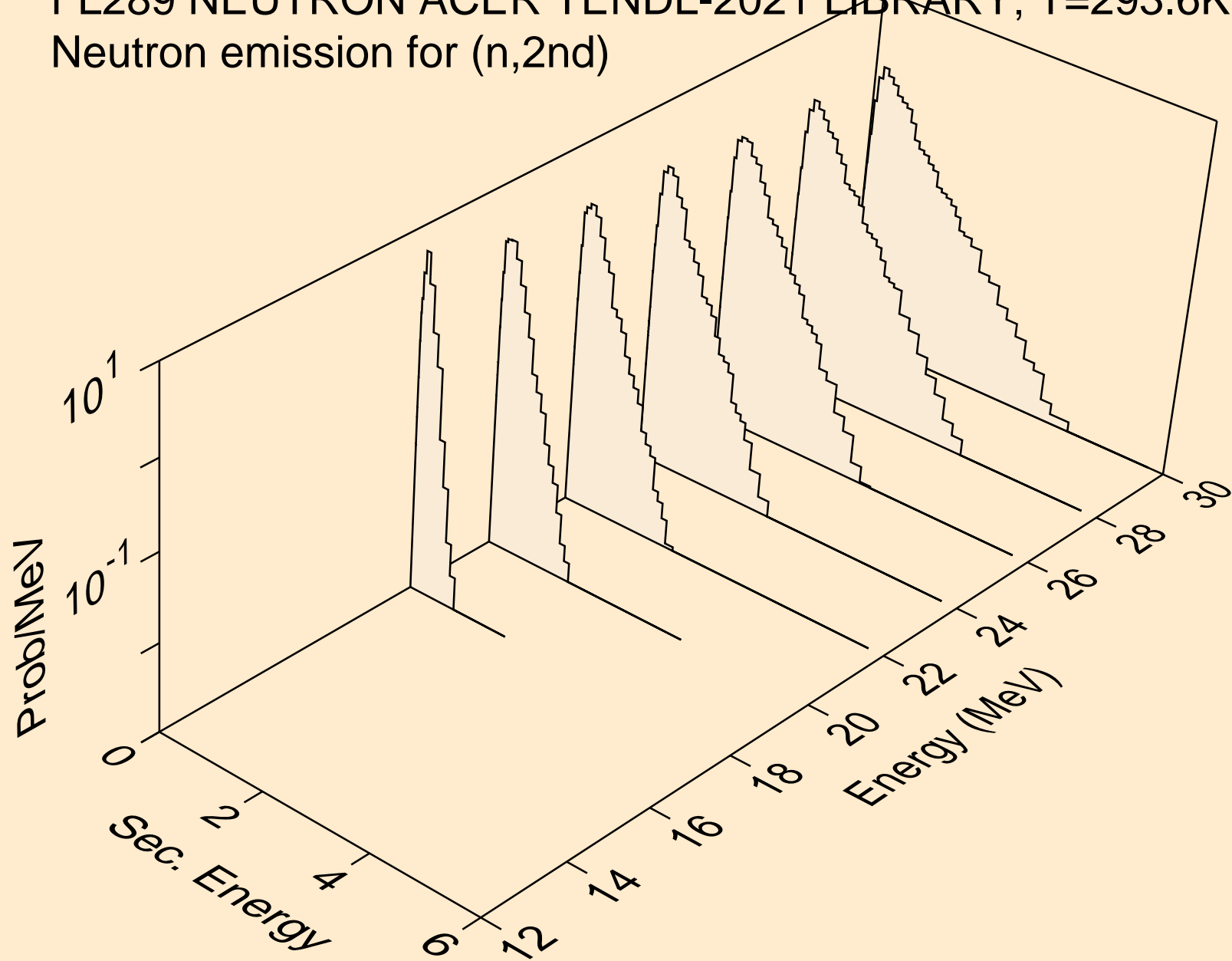
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



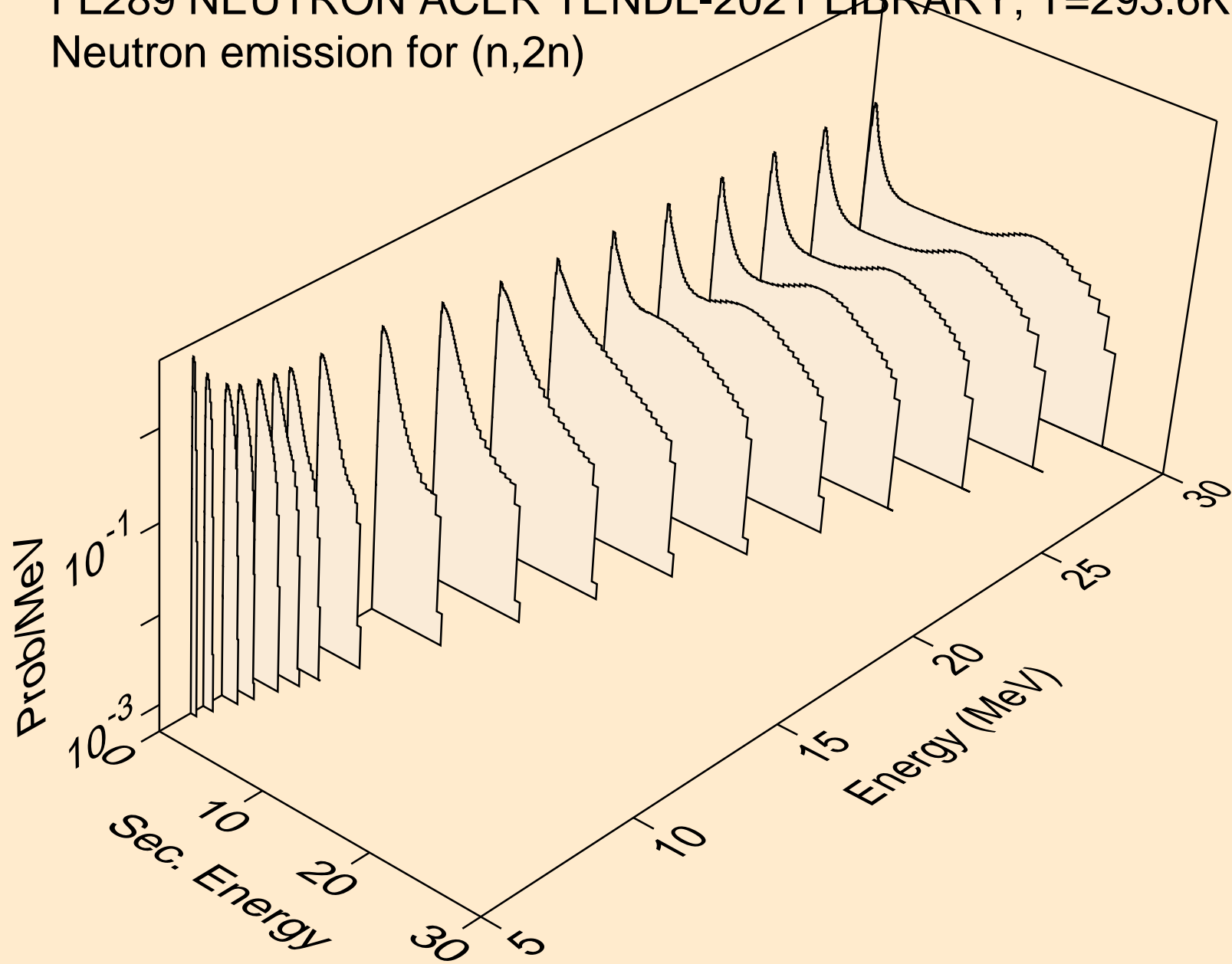
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



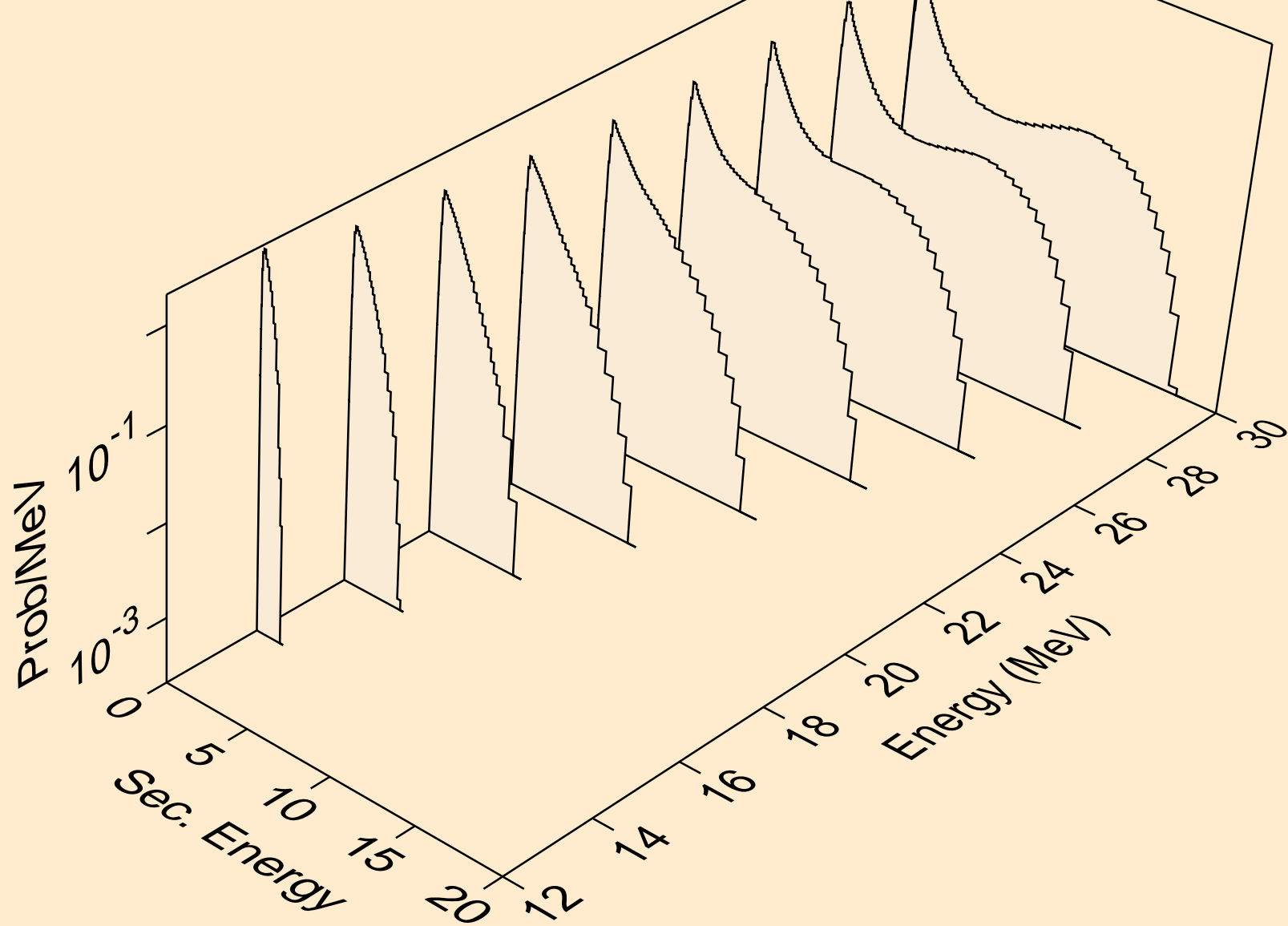
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

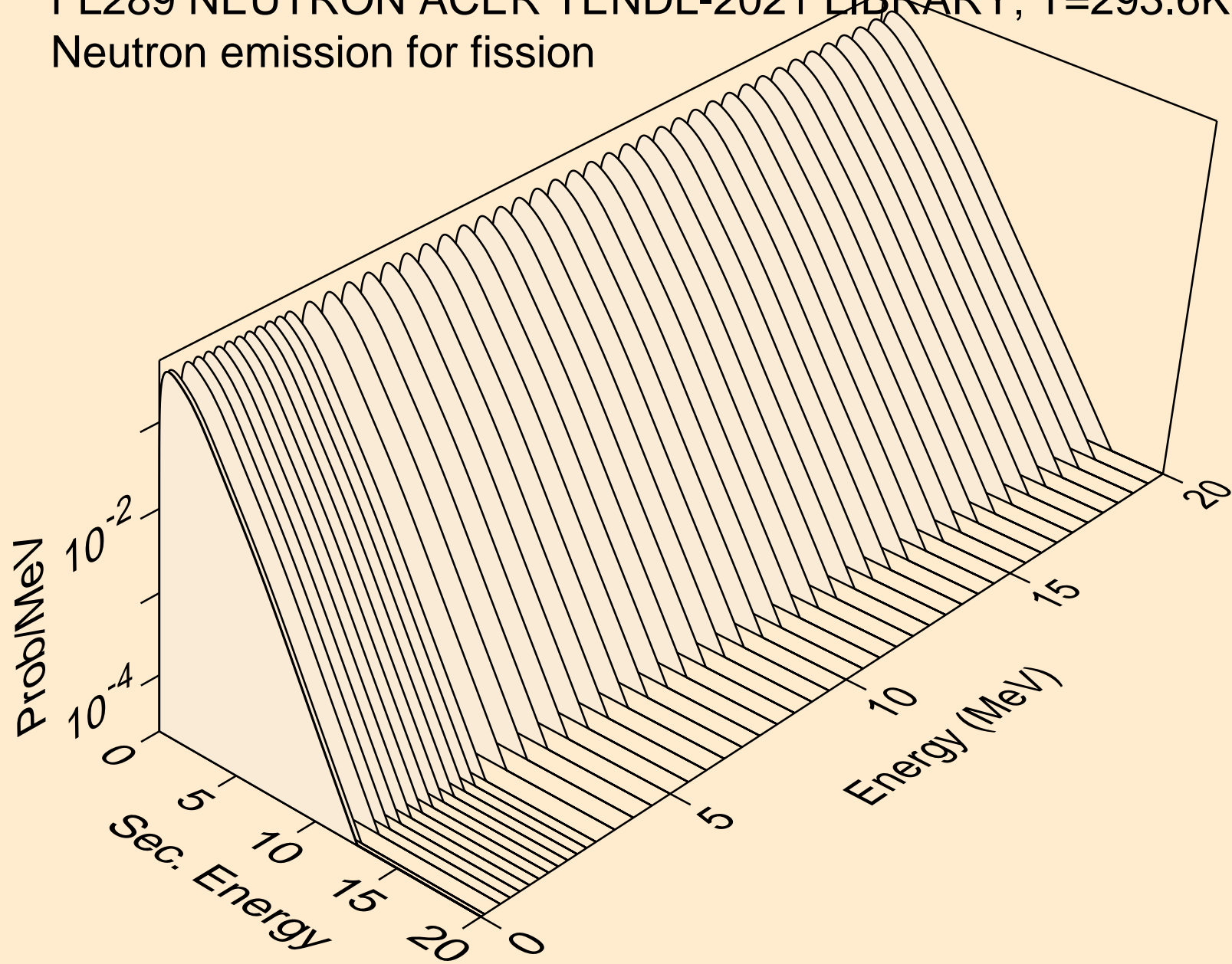


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

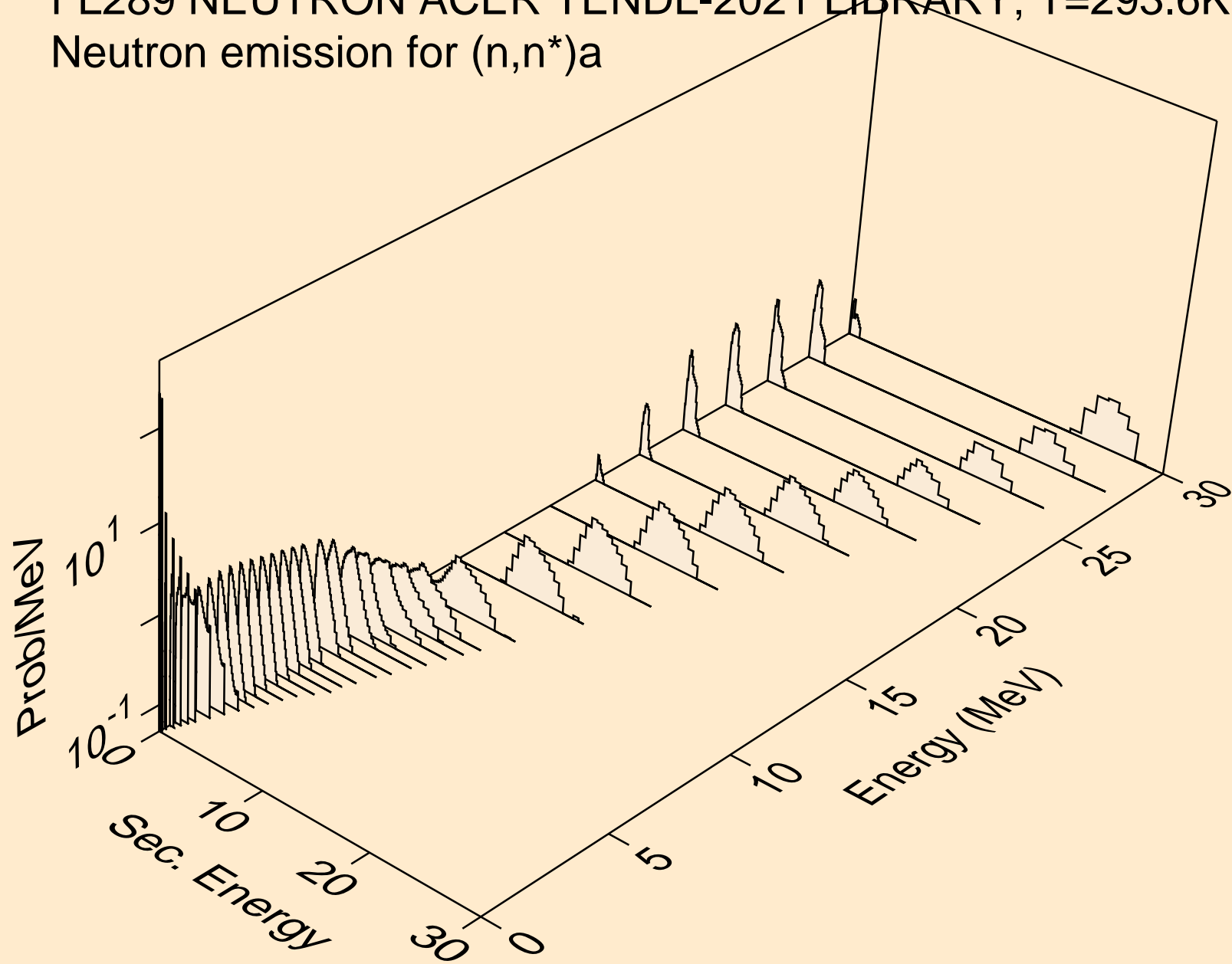




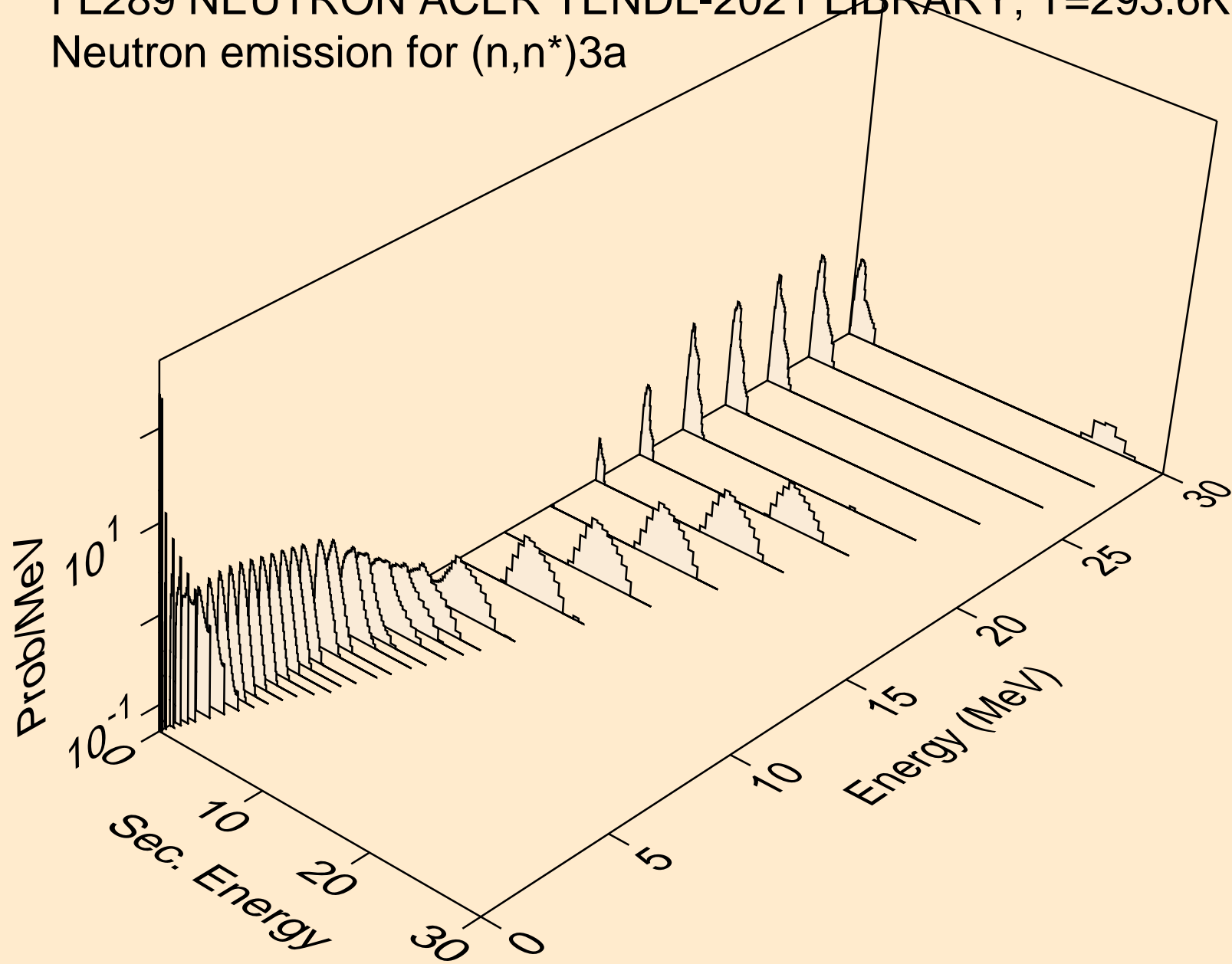
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



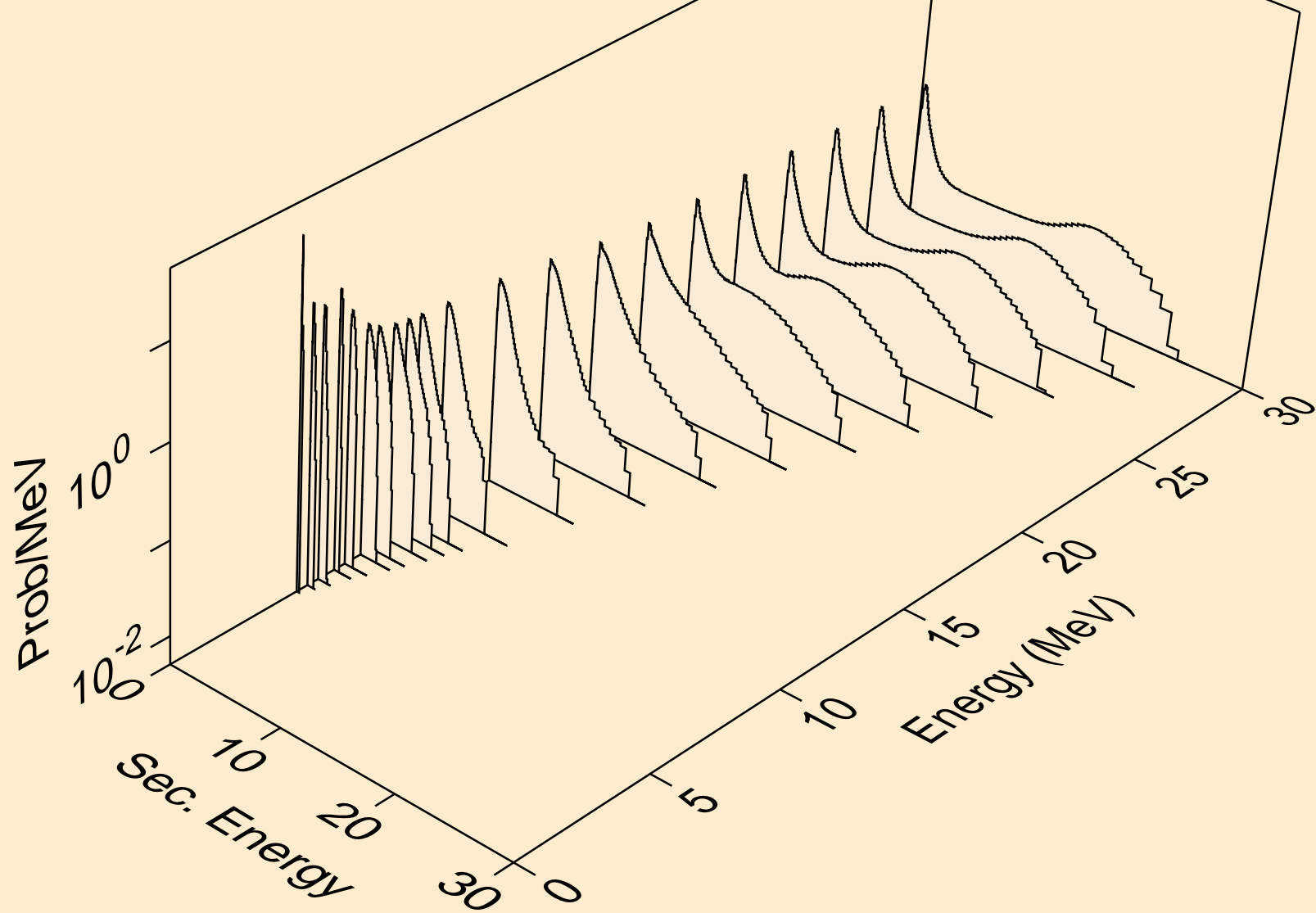
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



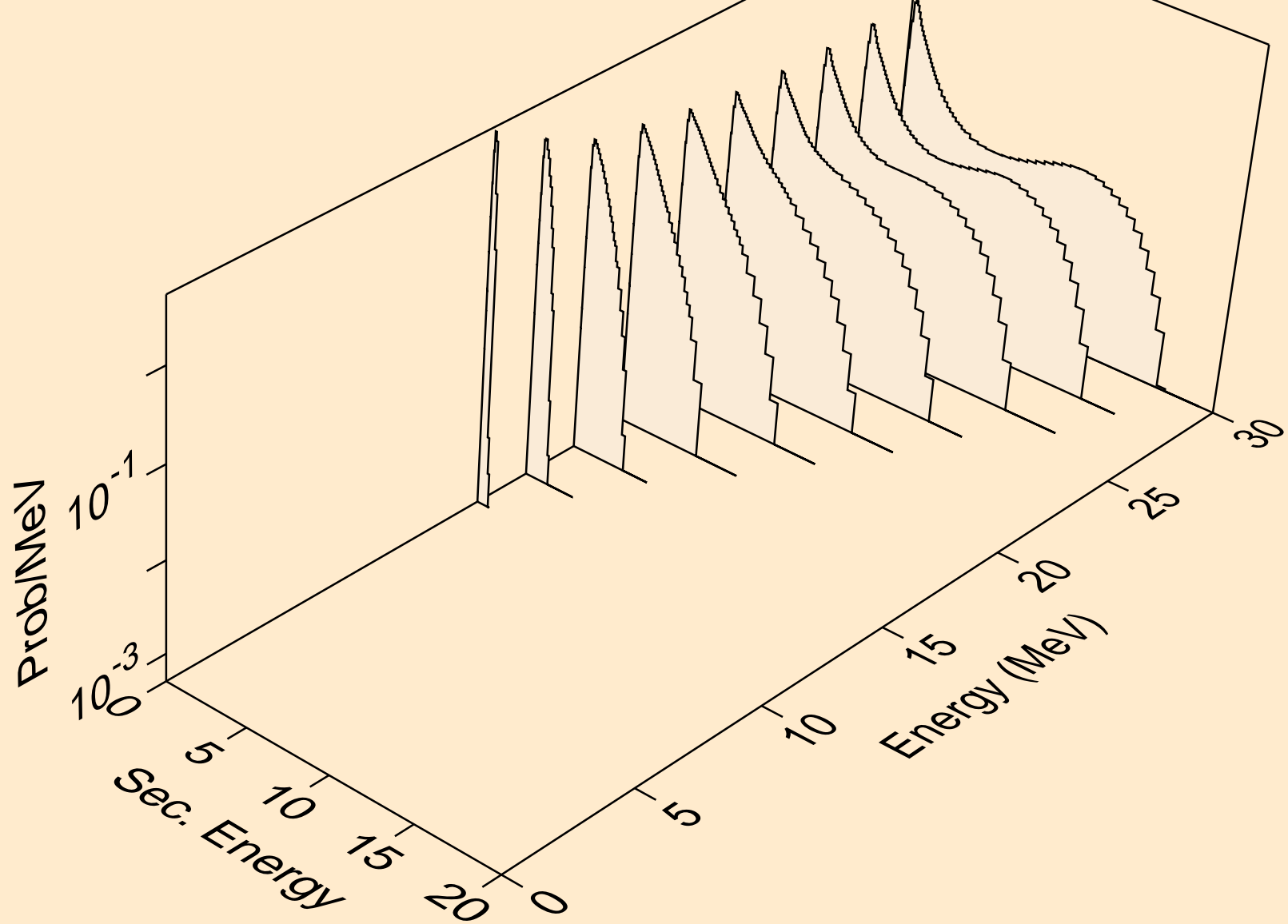
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a



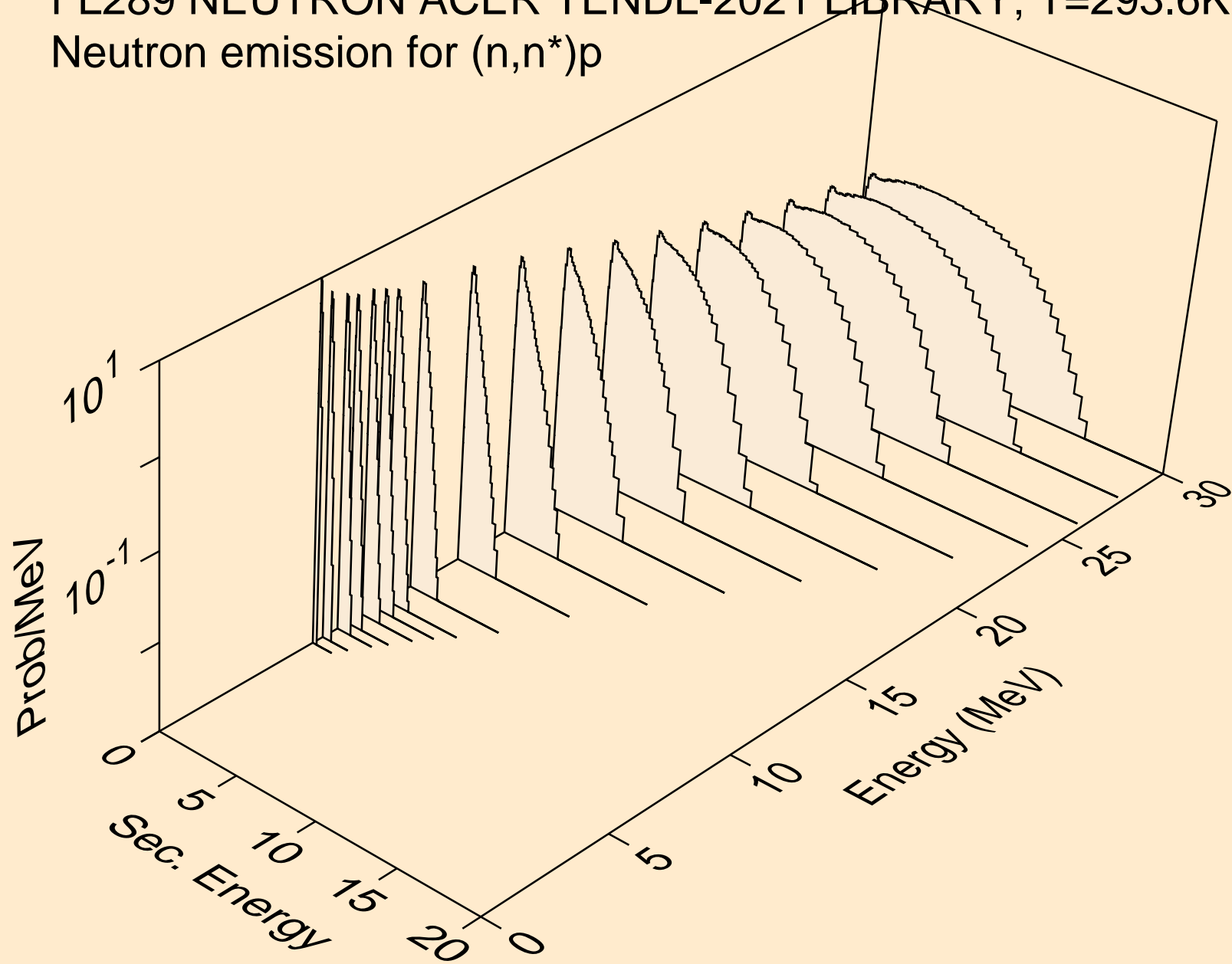
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



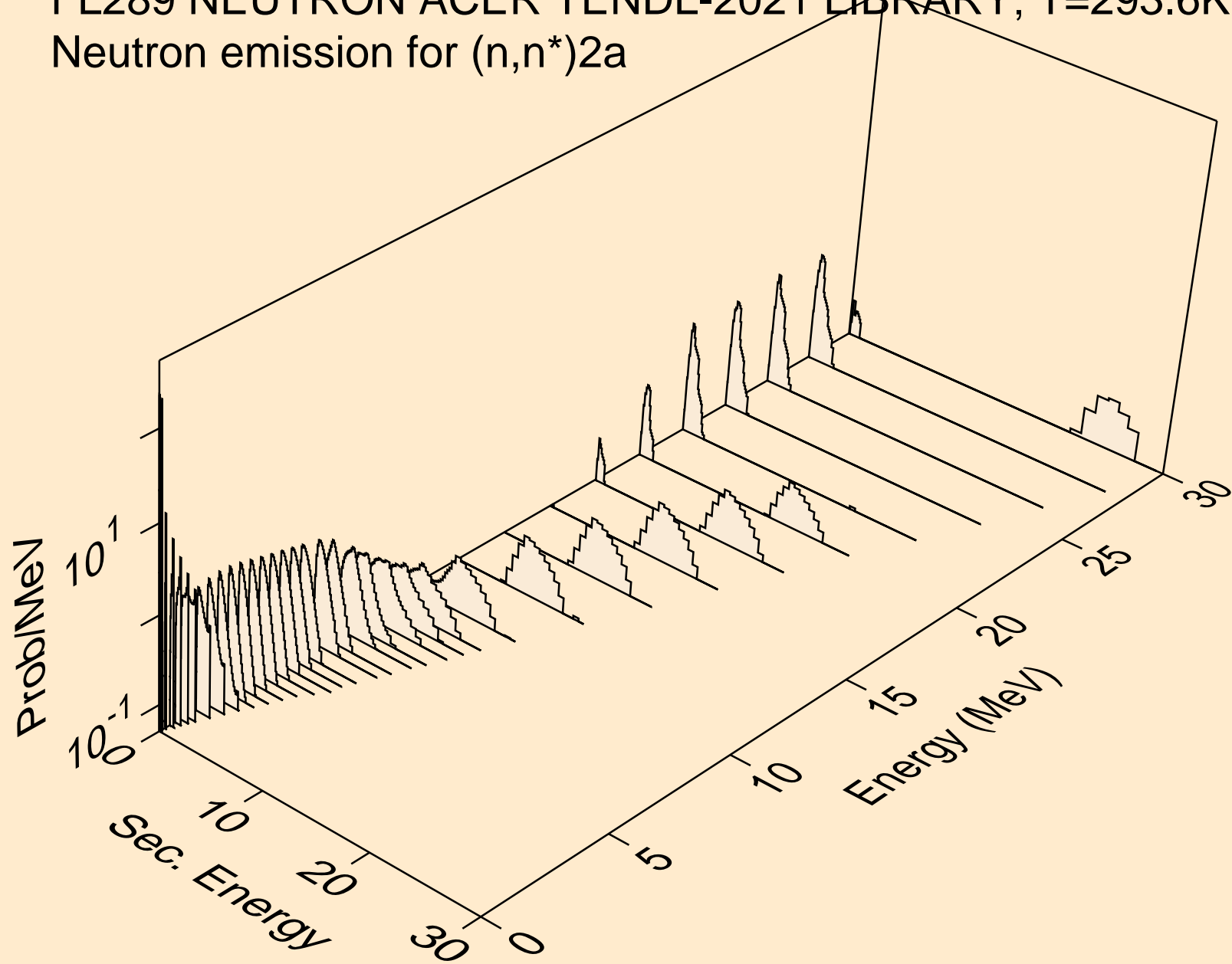
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



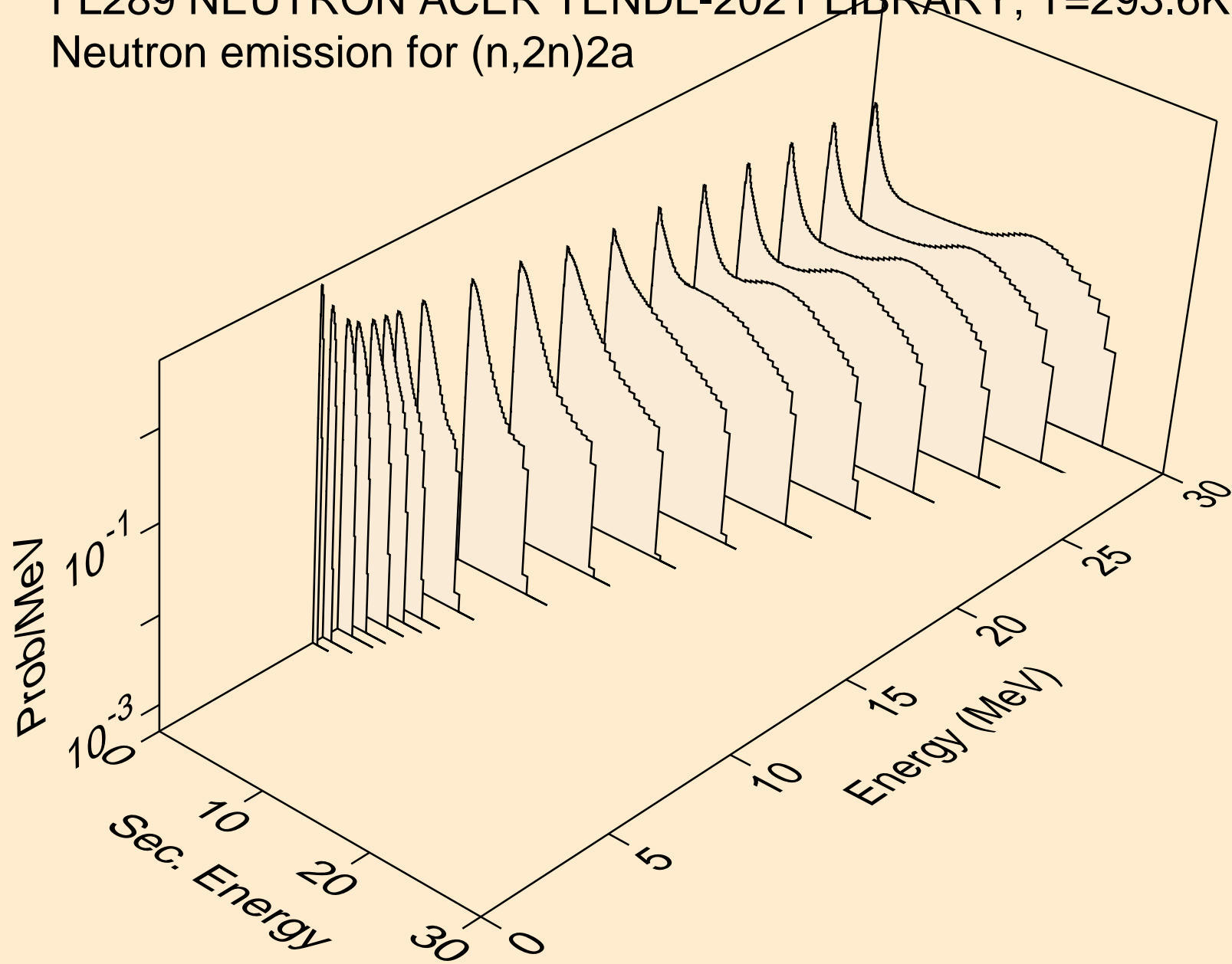
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

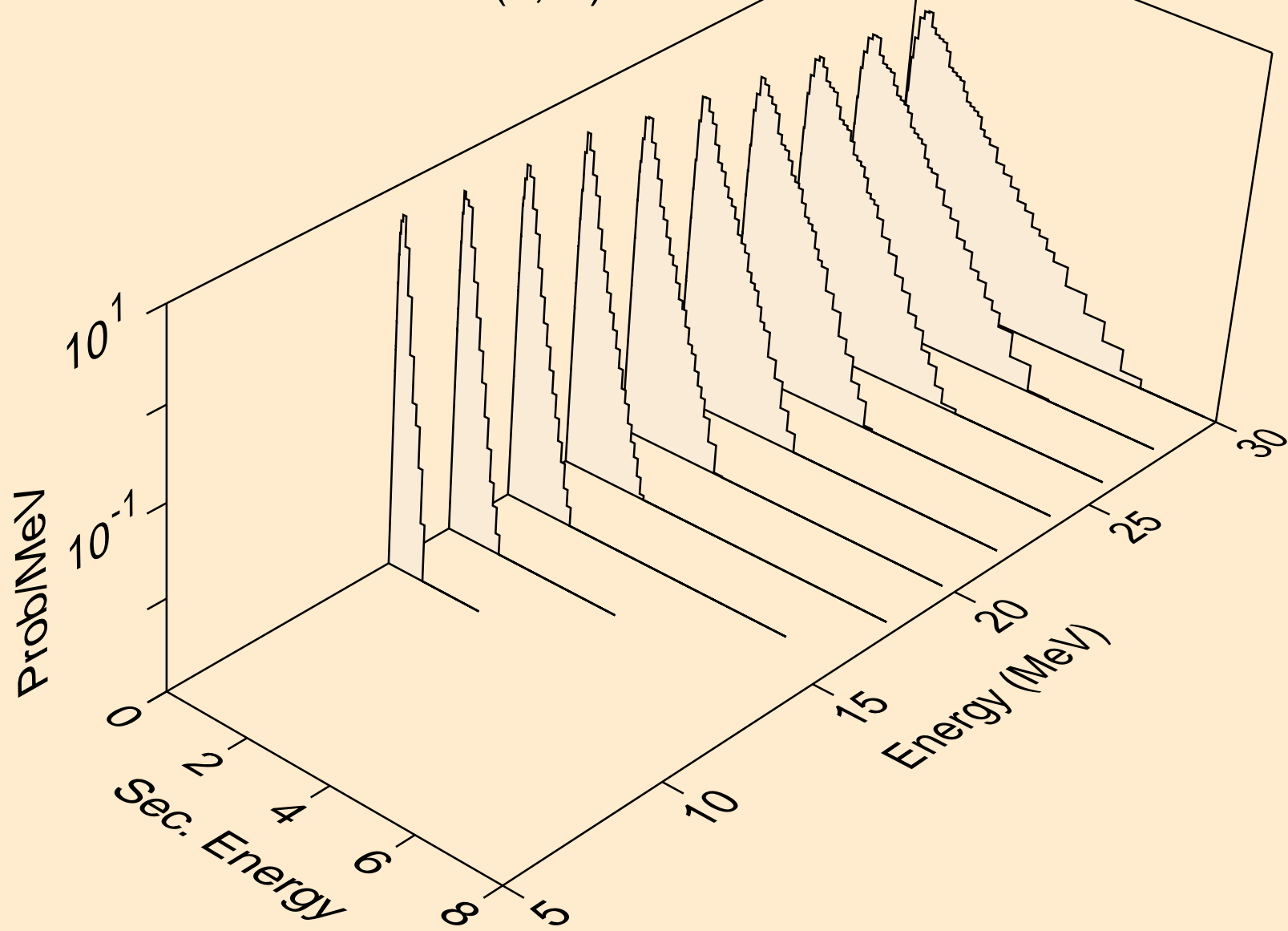


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

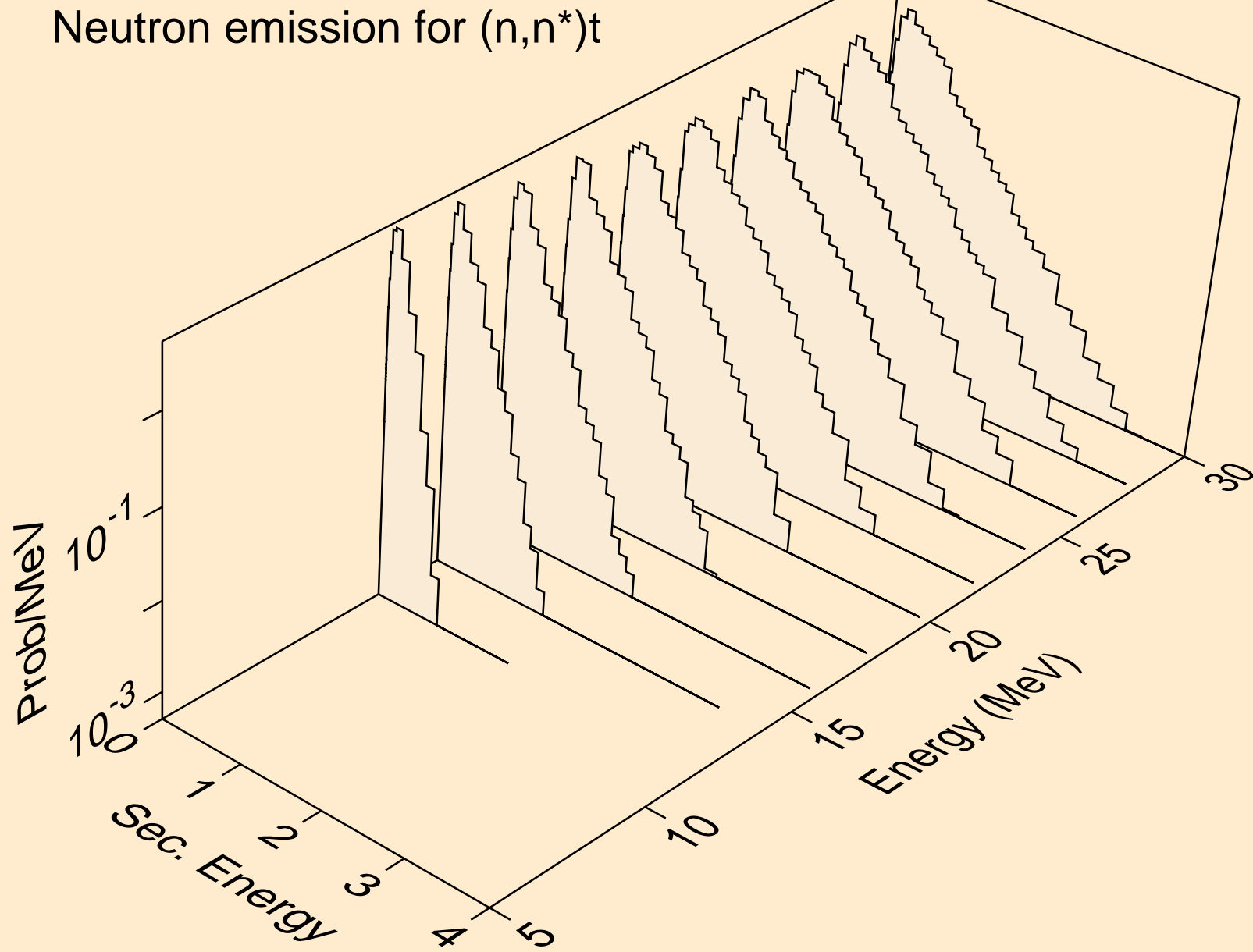




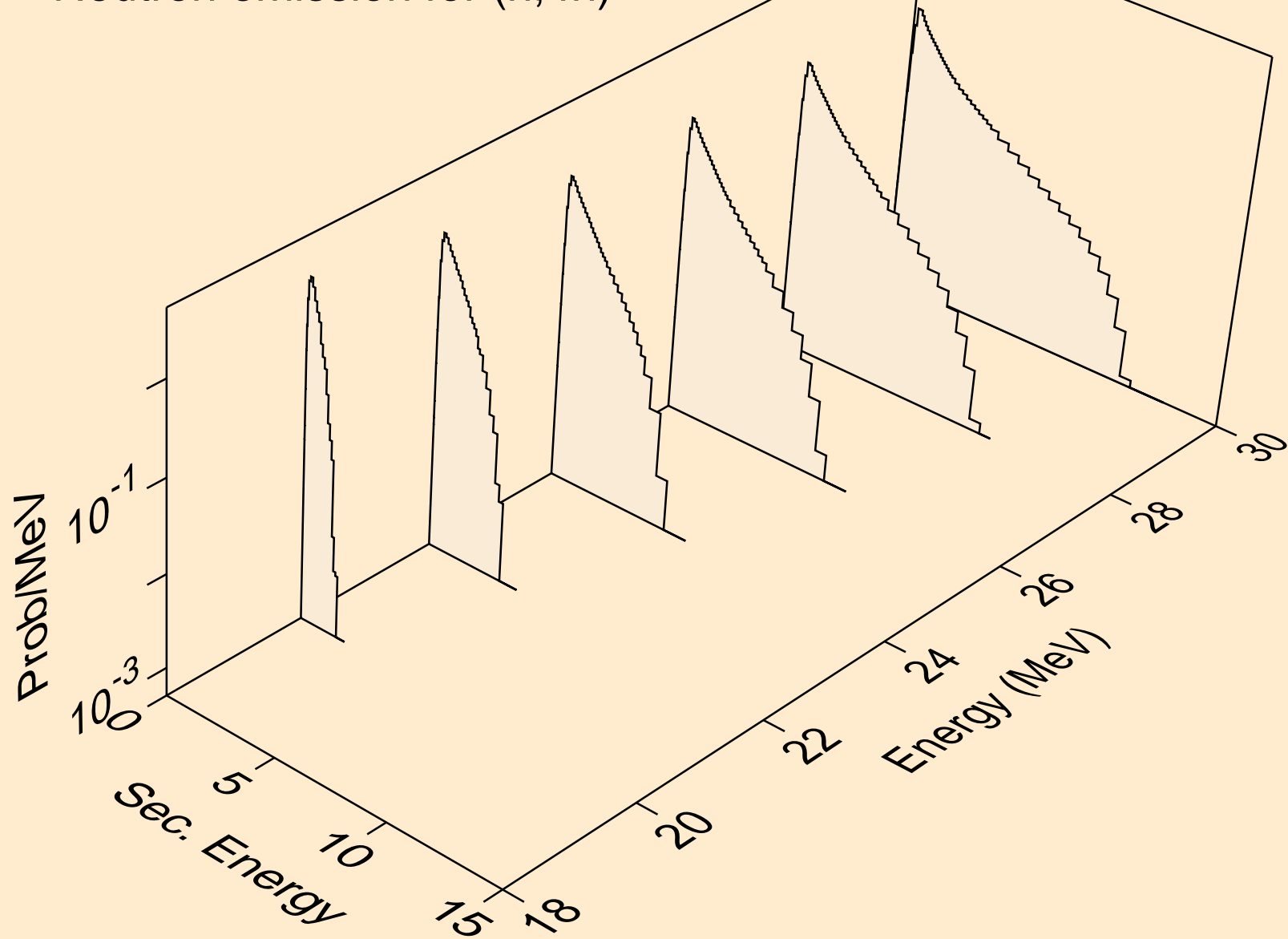
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



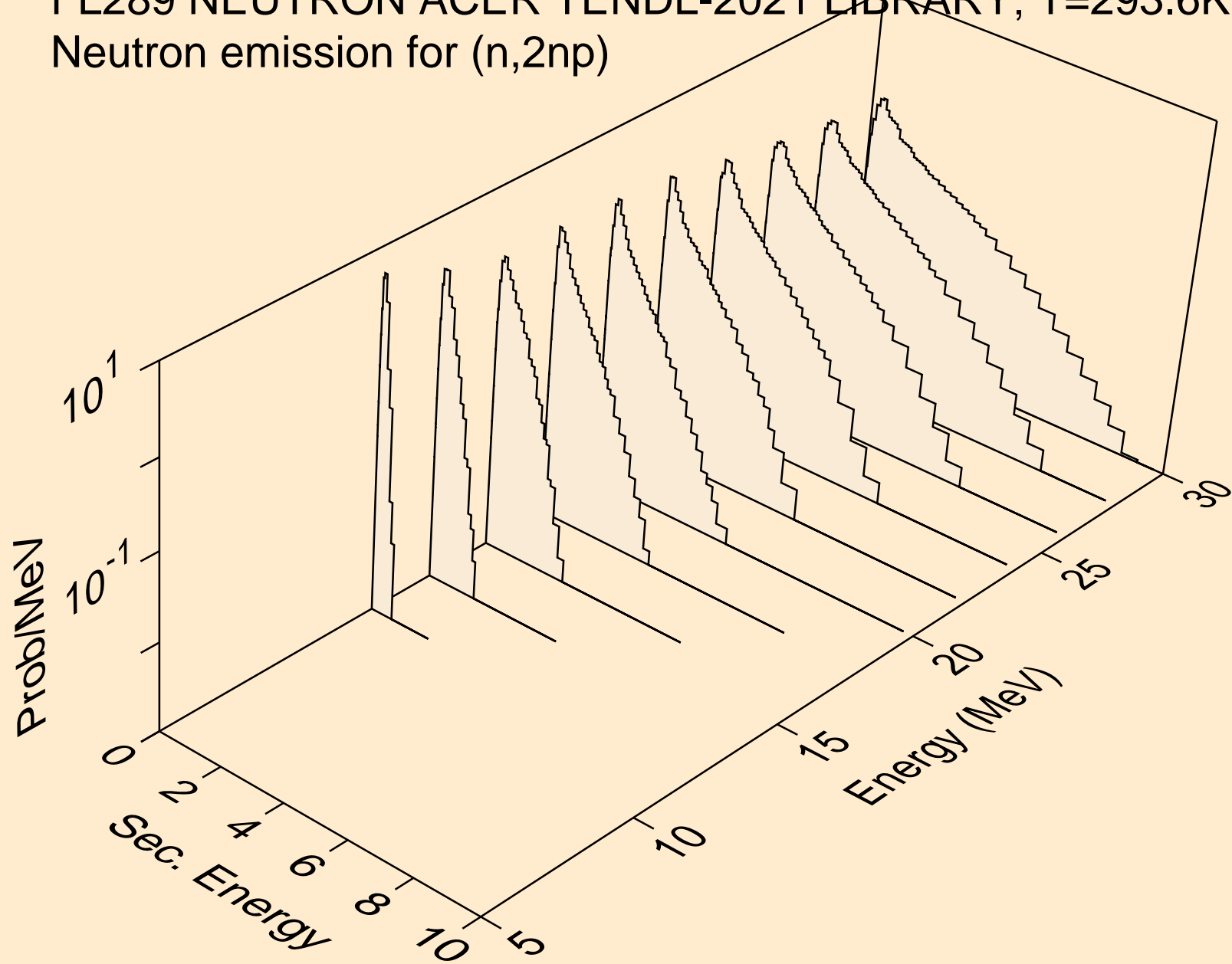
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



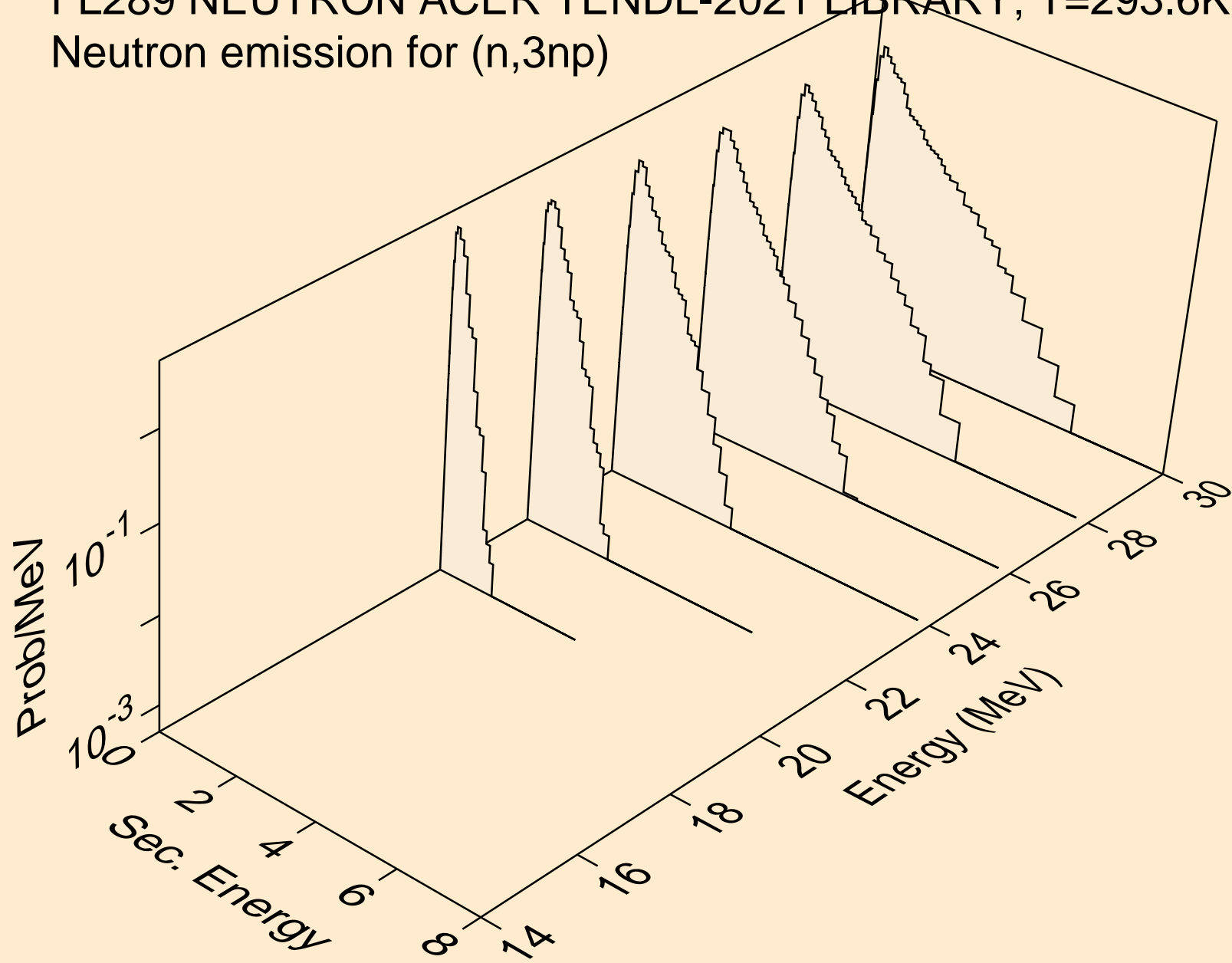
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



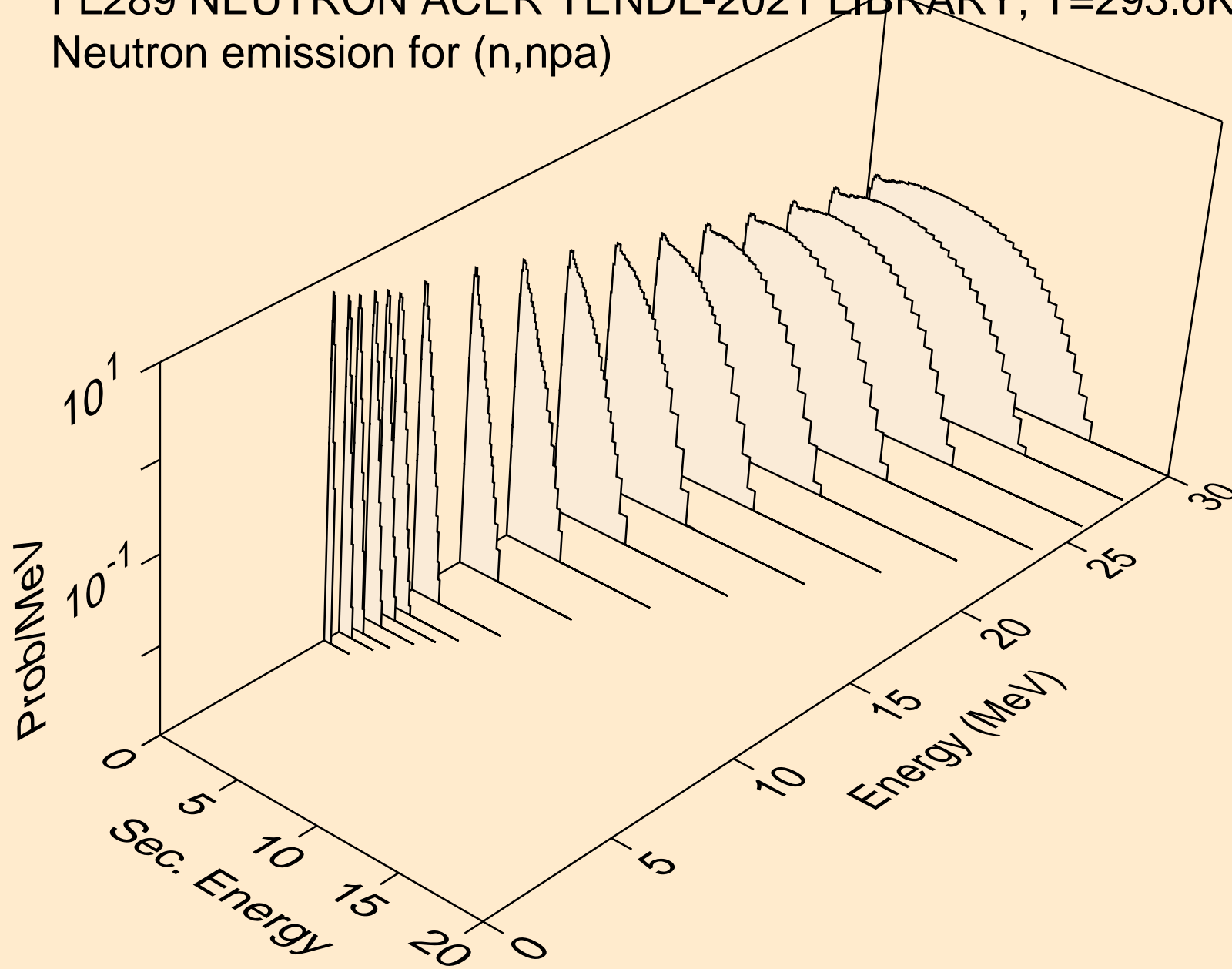
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



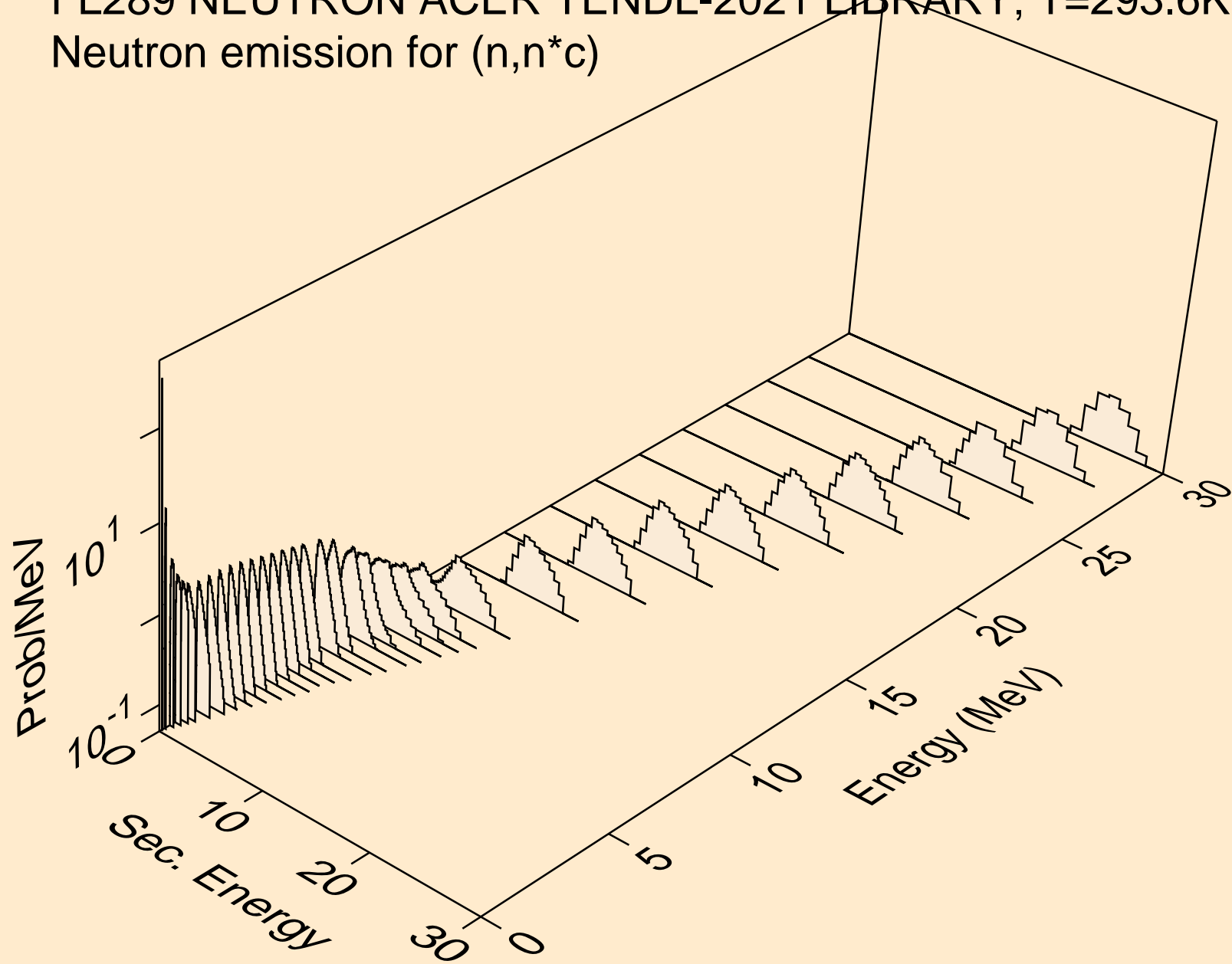
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

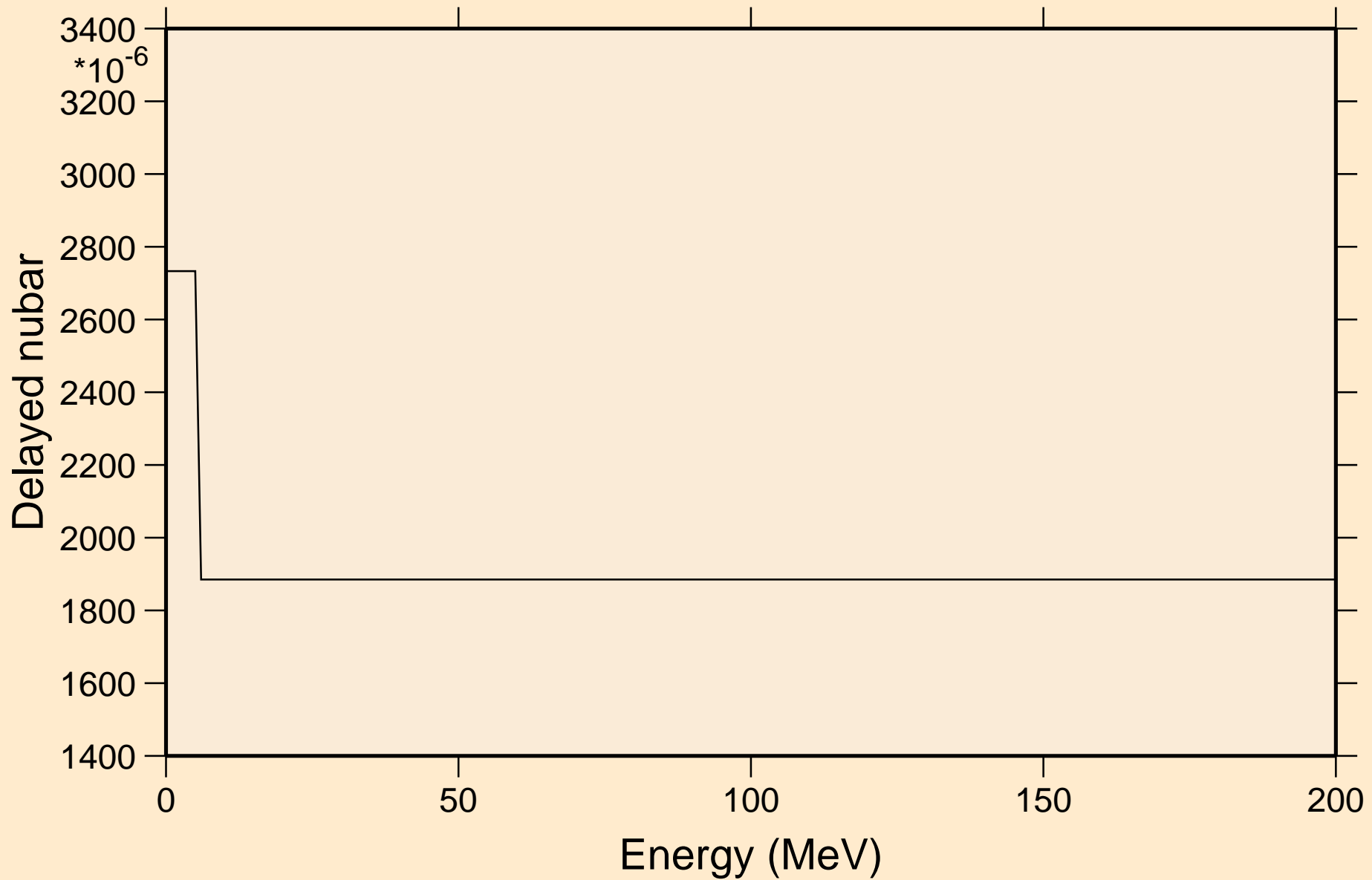


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



# FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

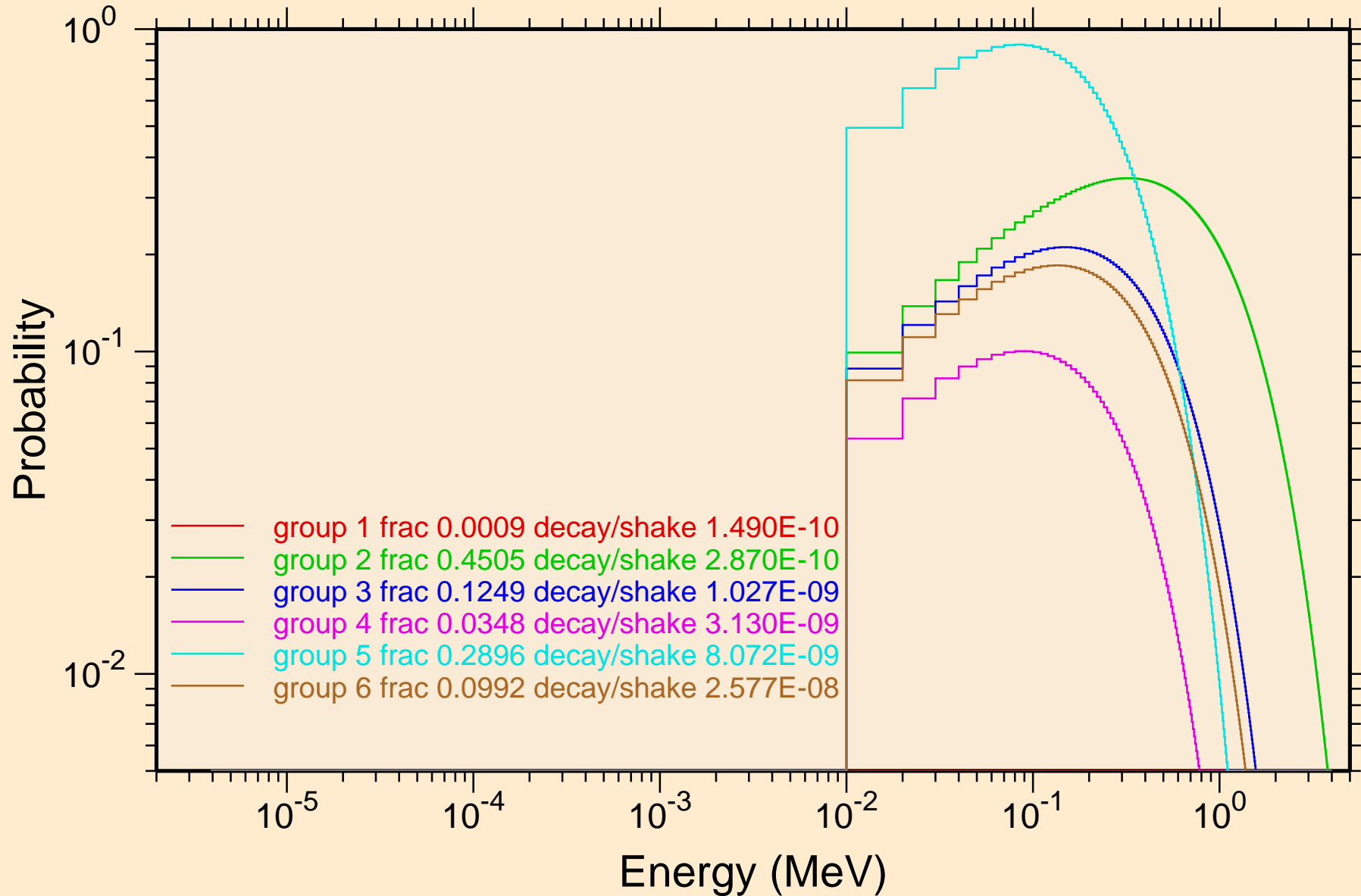
## Delayed nubar



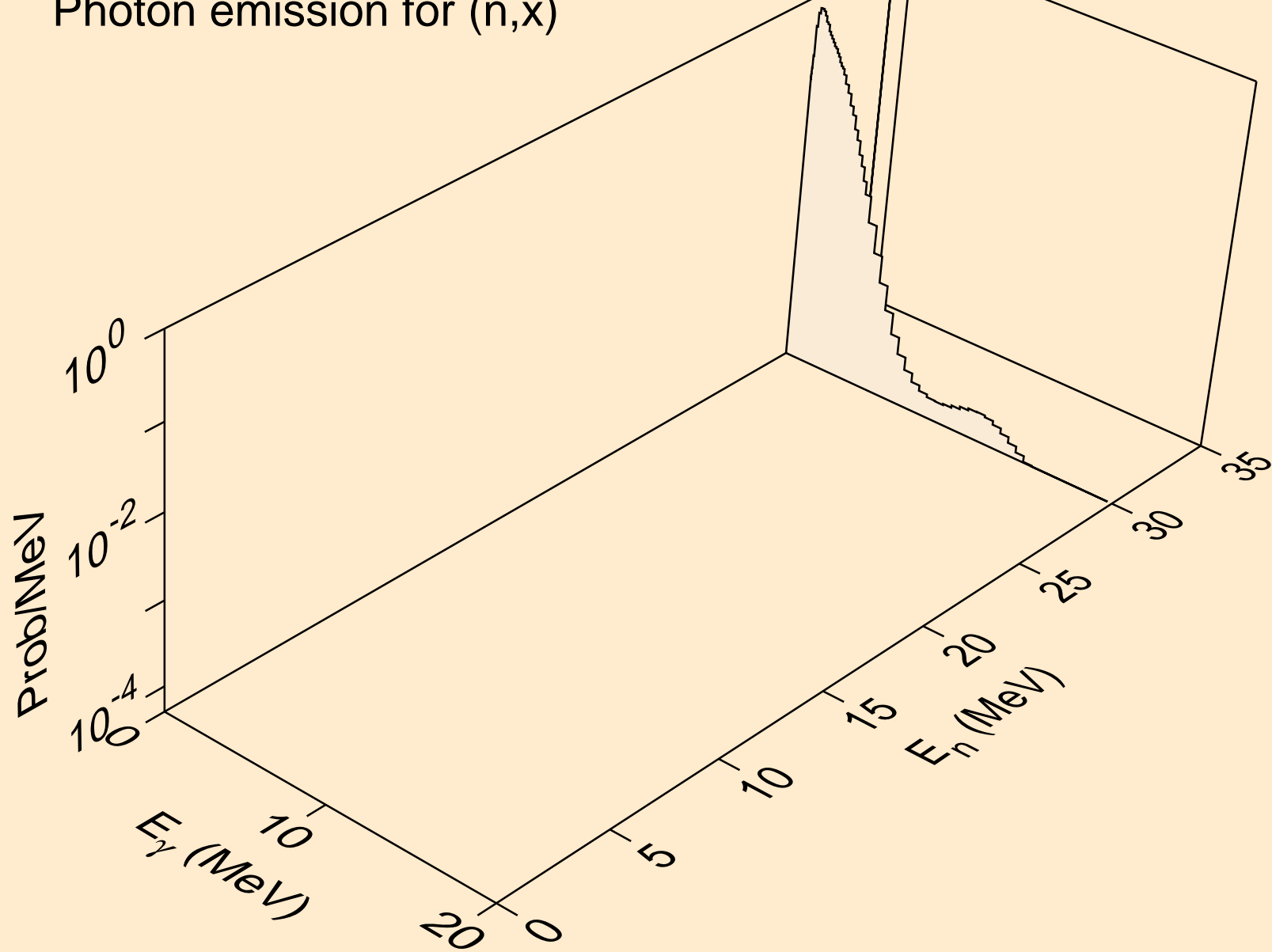


# FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

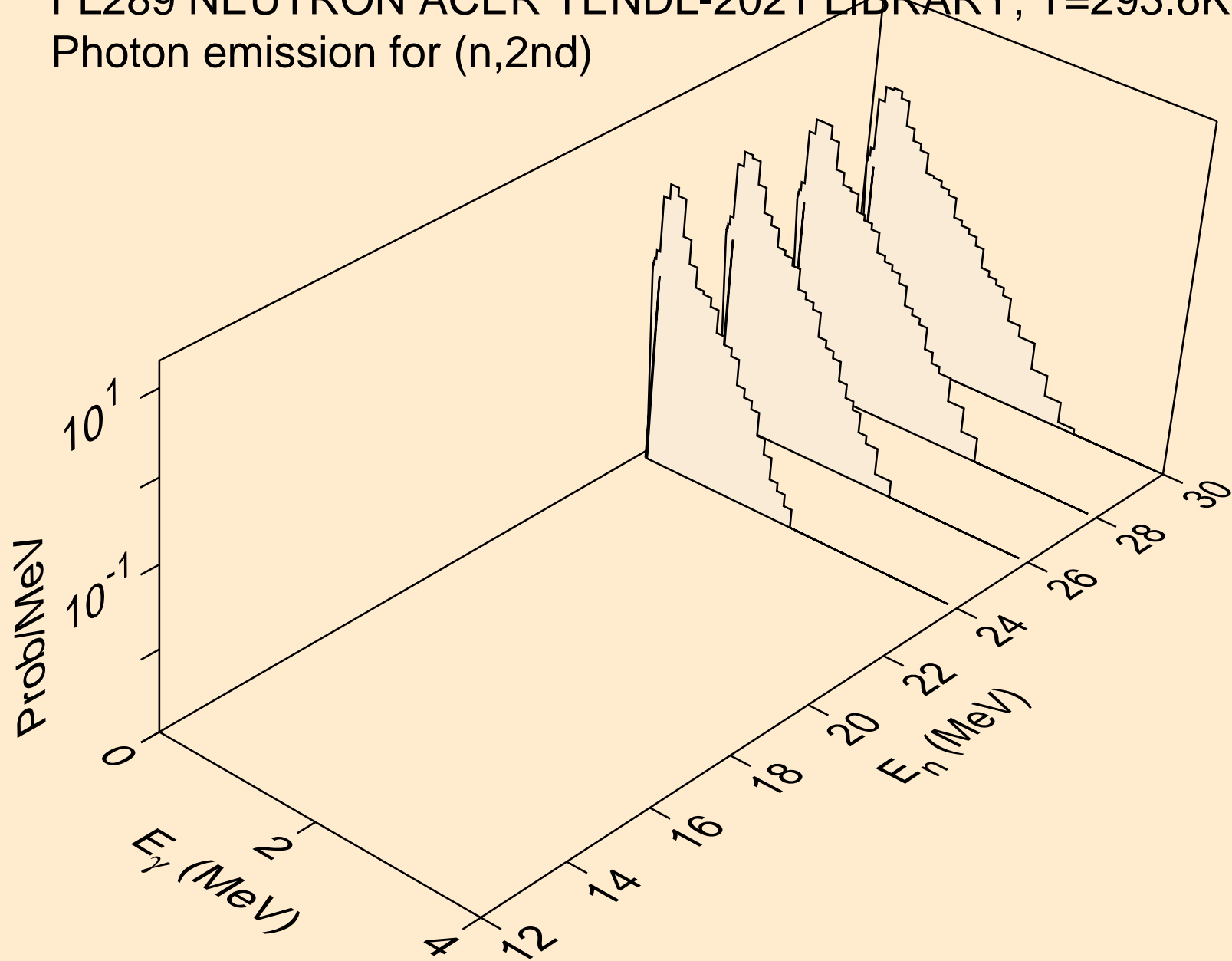
## Delayed neutron spectra



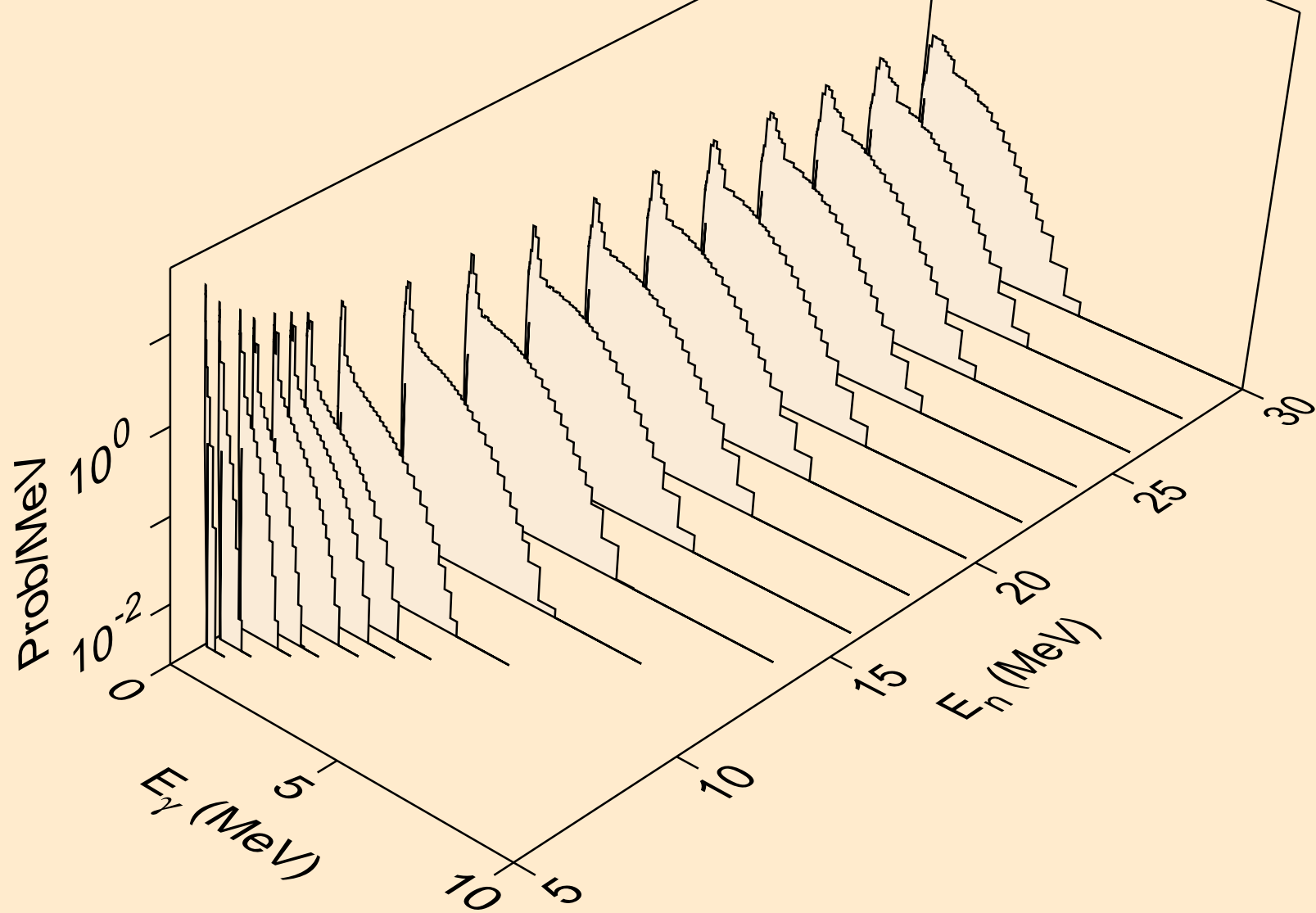
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



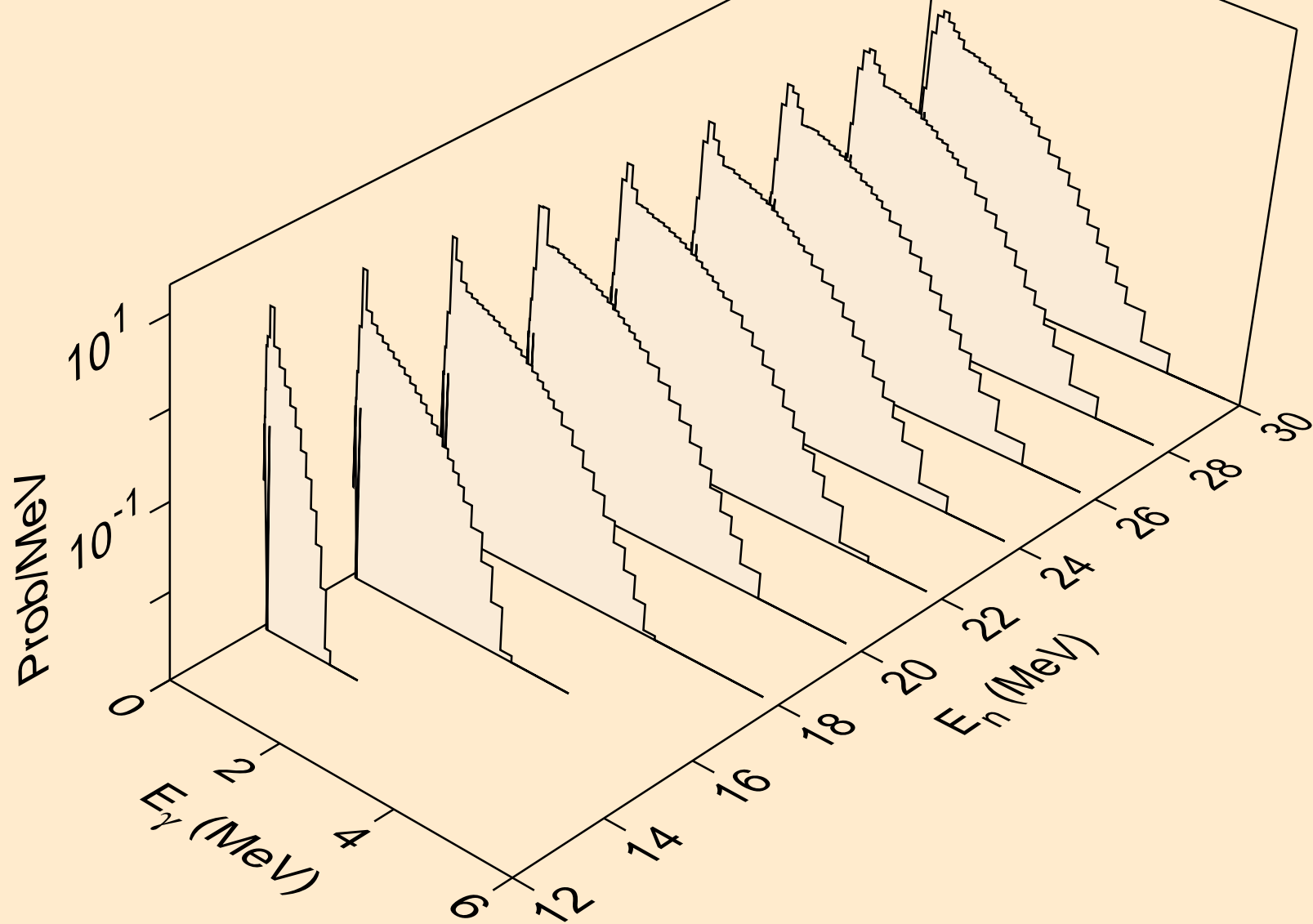
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



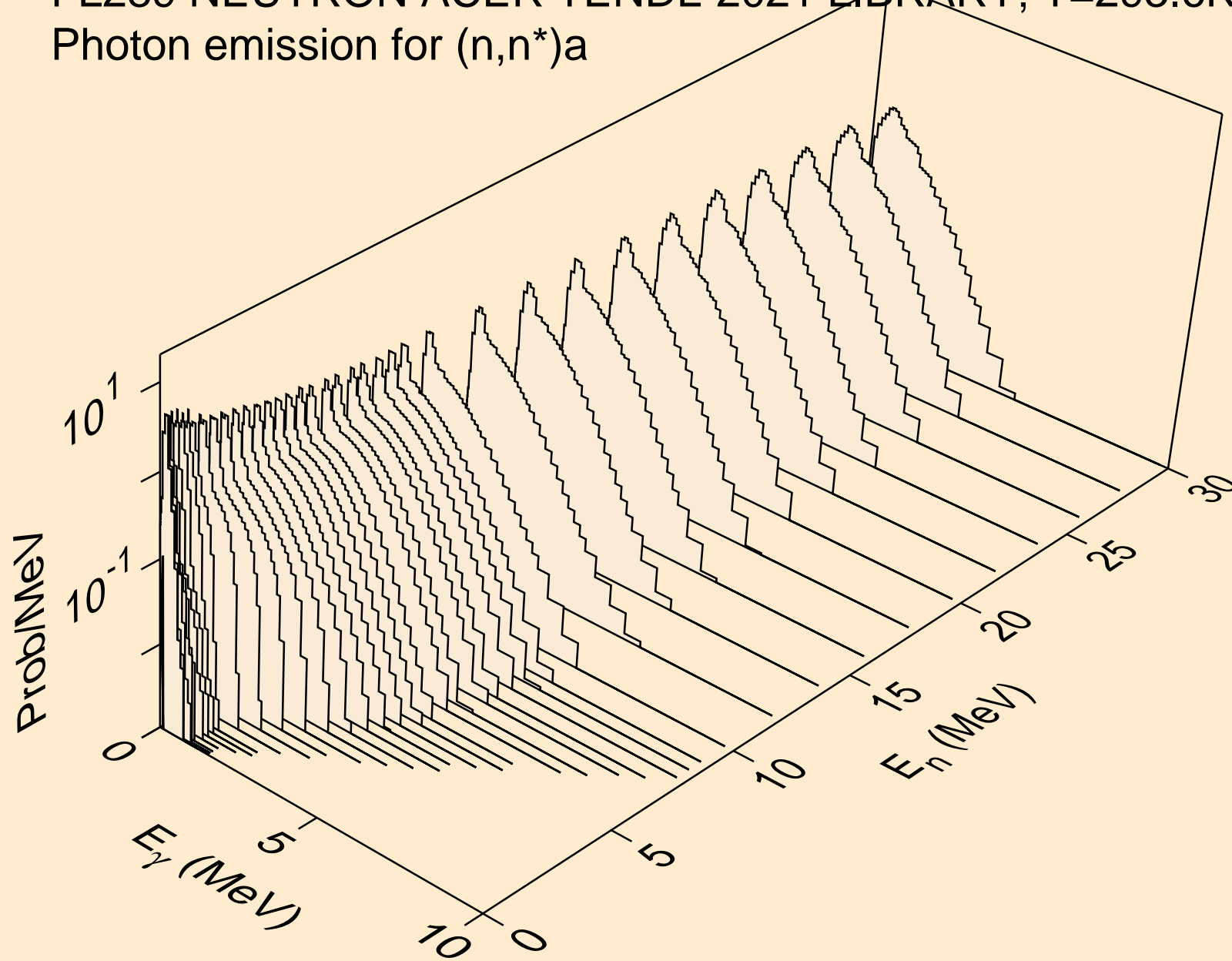
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



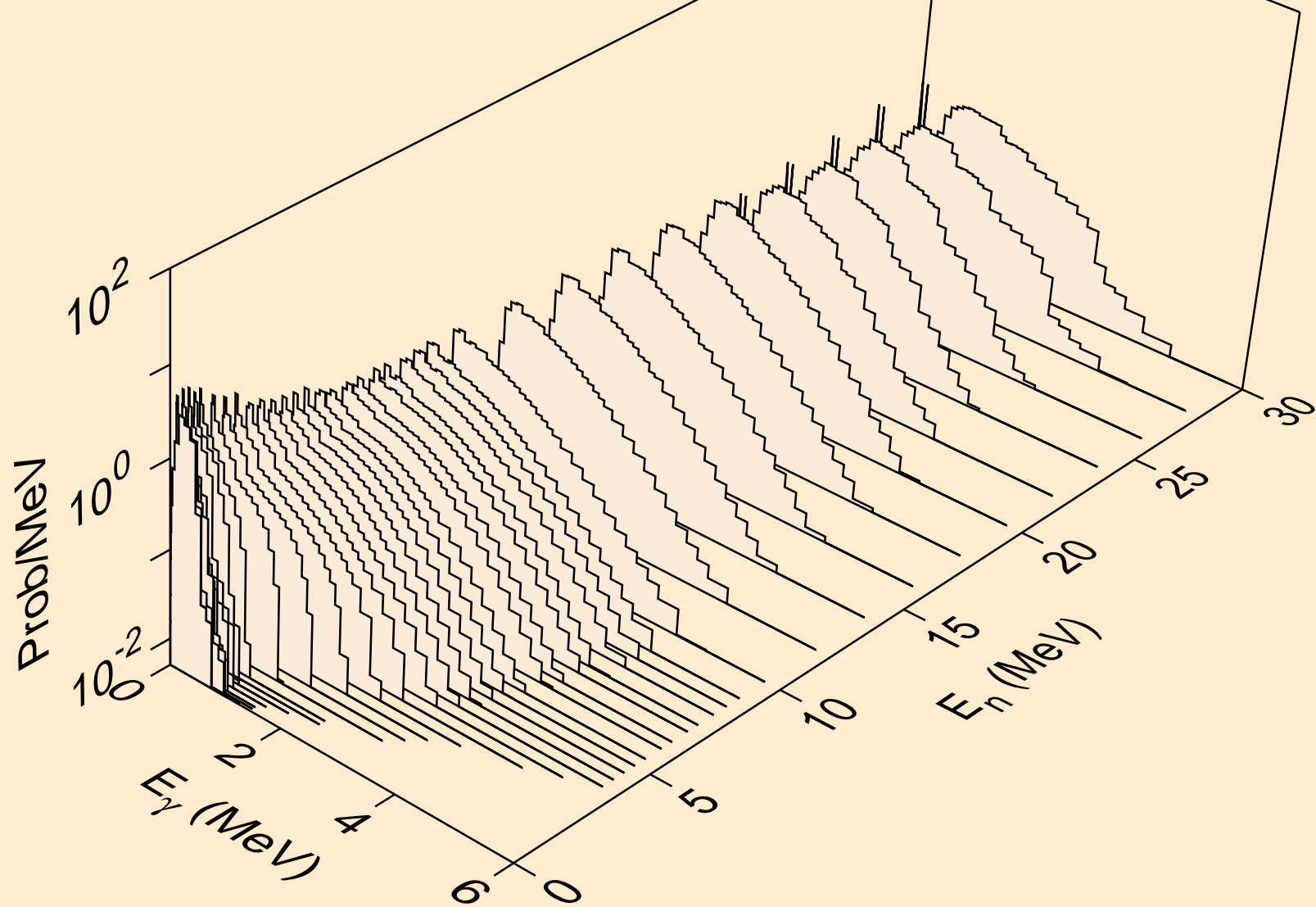
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



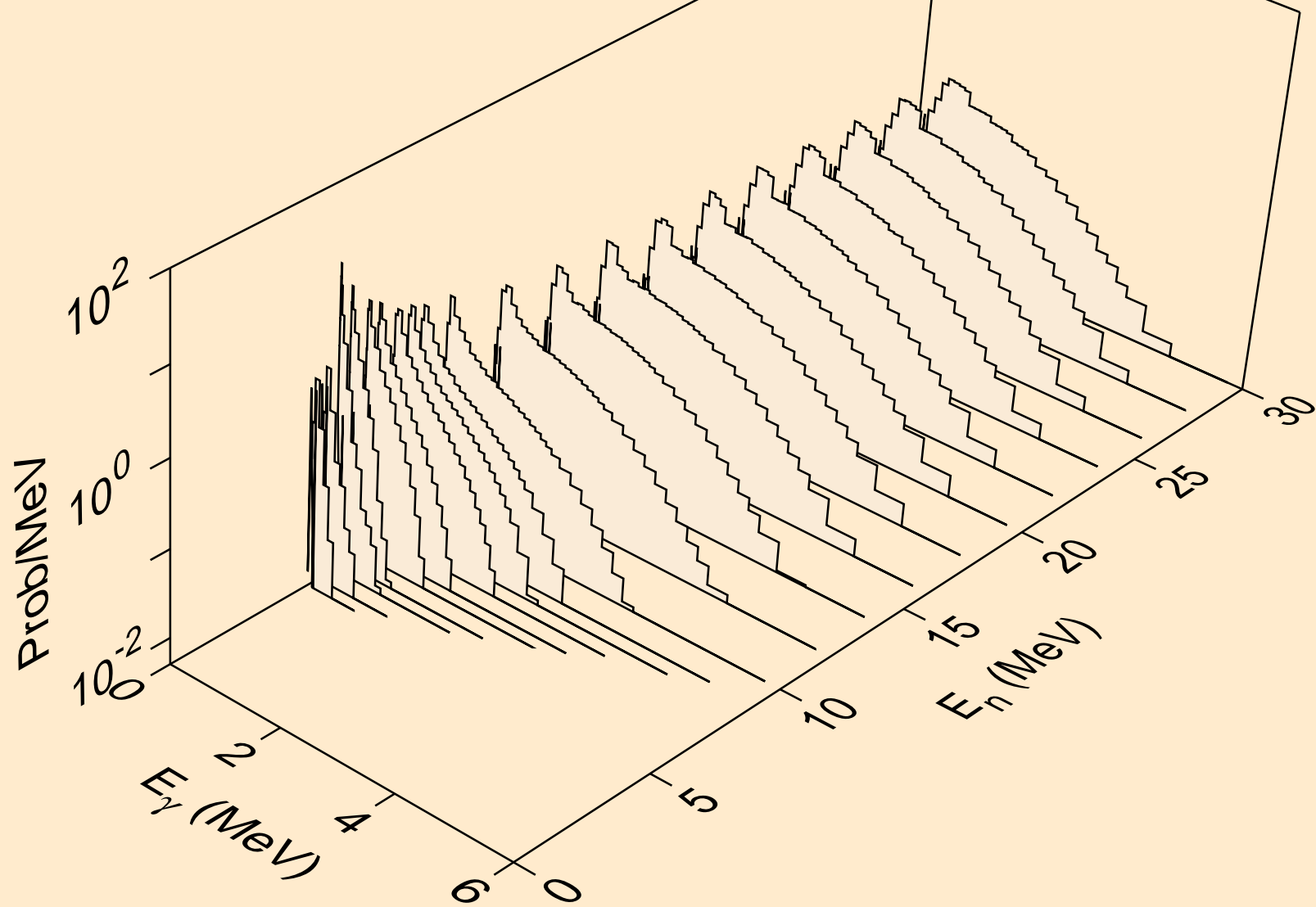
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a

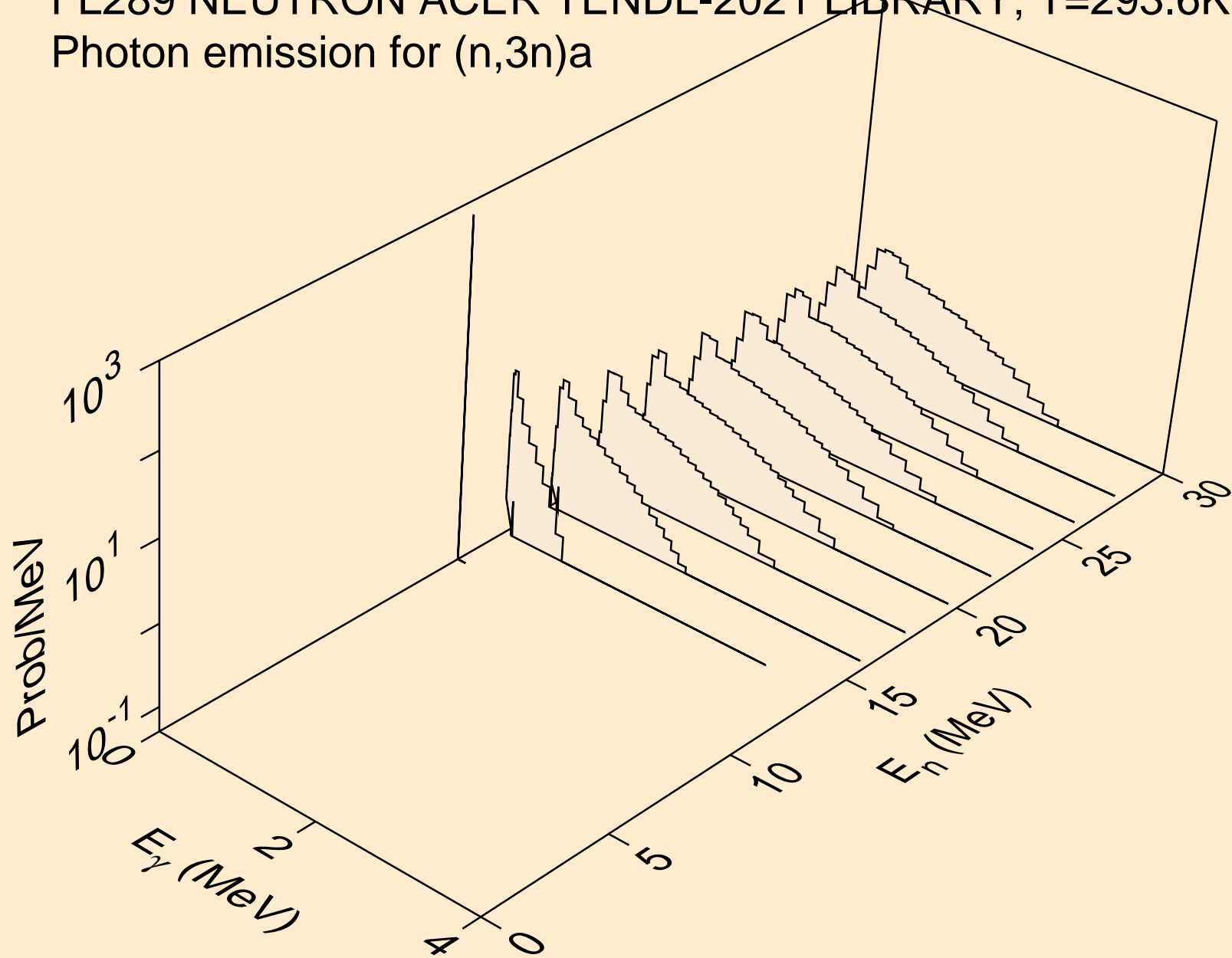


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

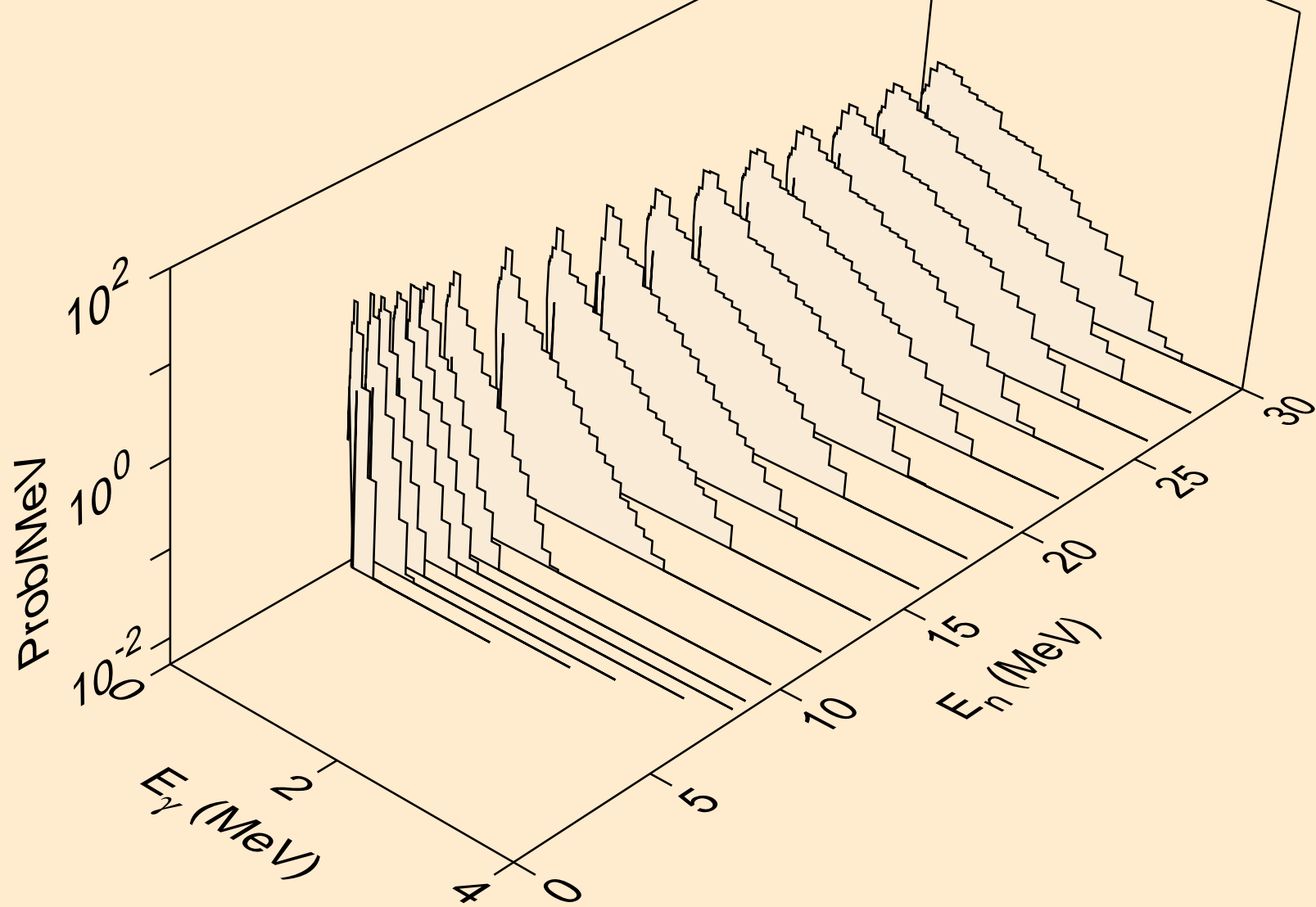




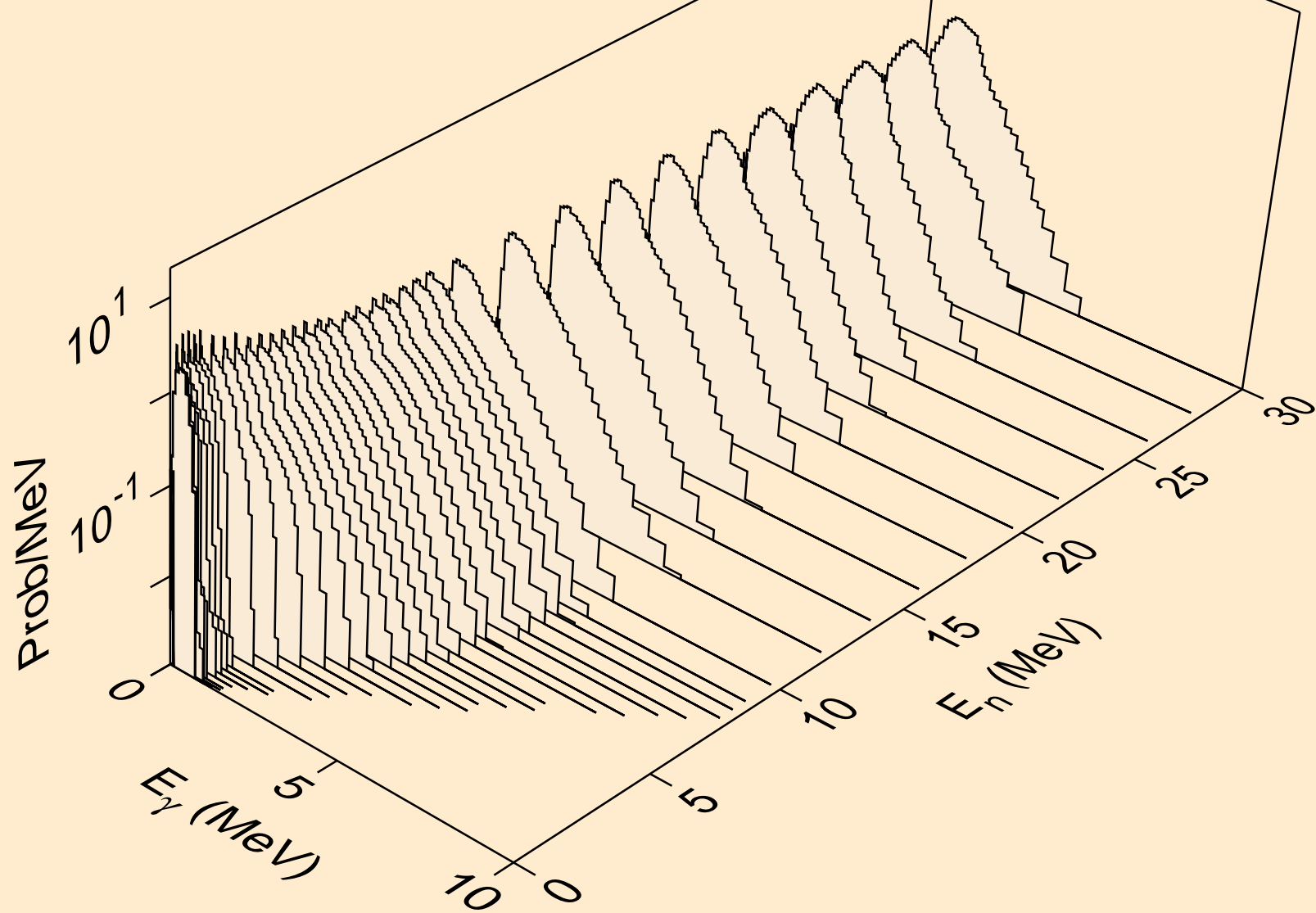
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



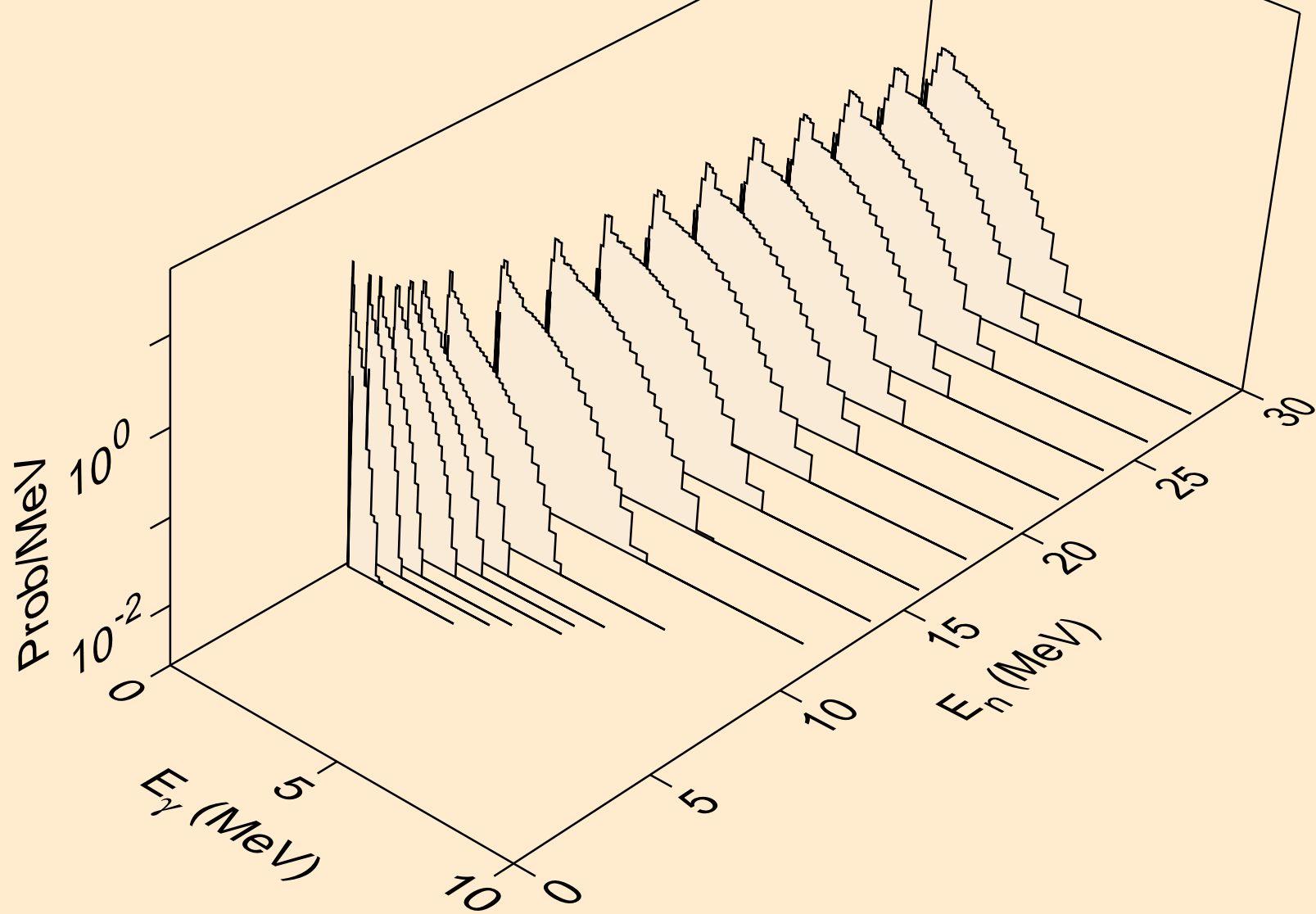
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



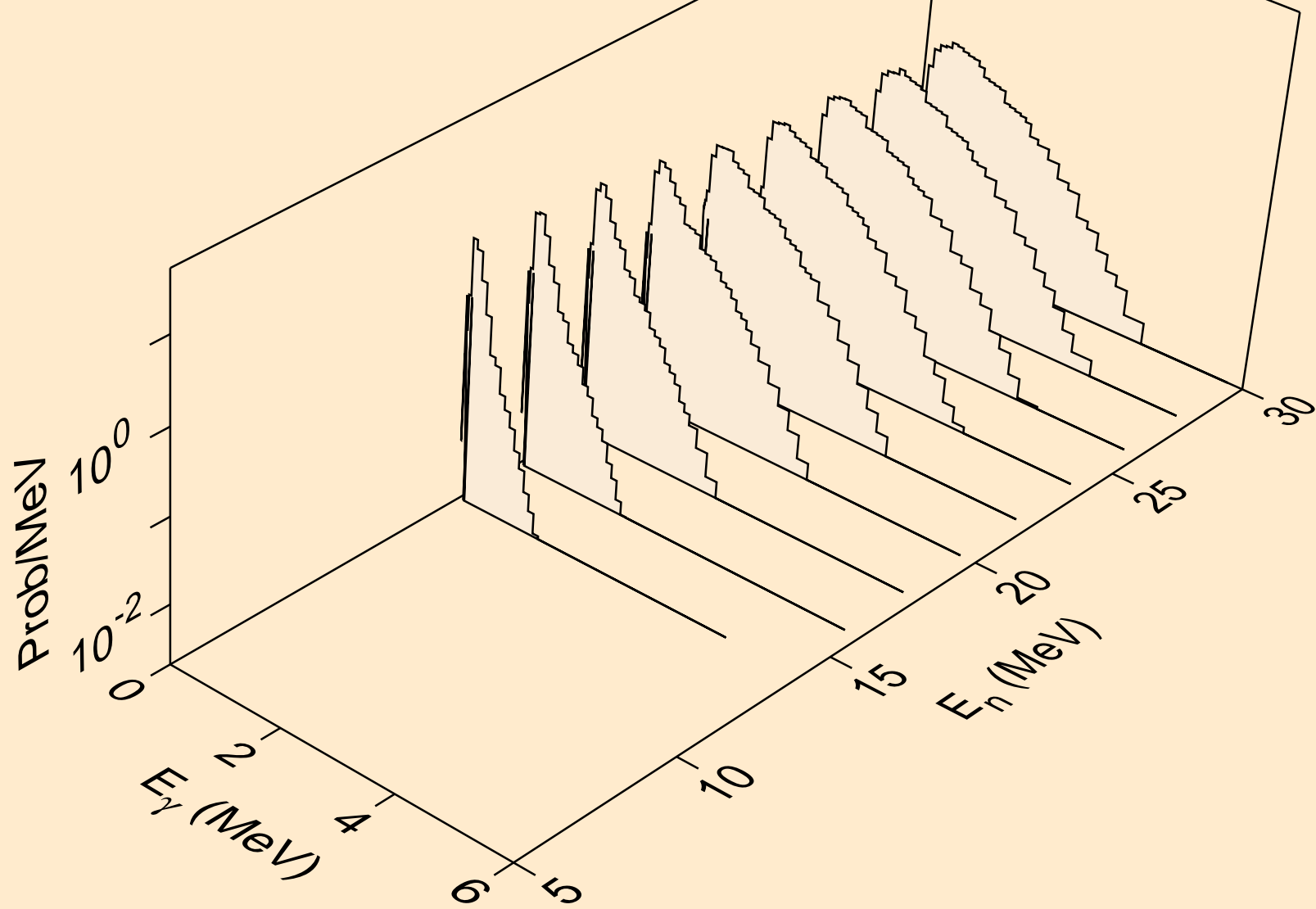
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



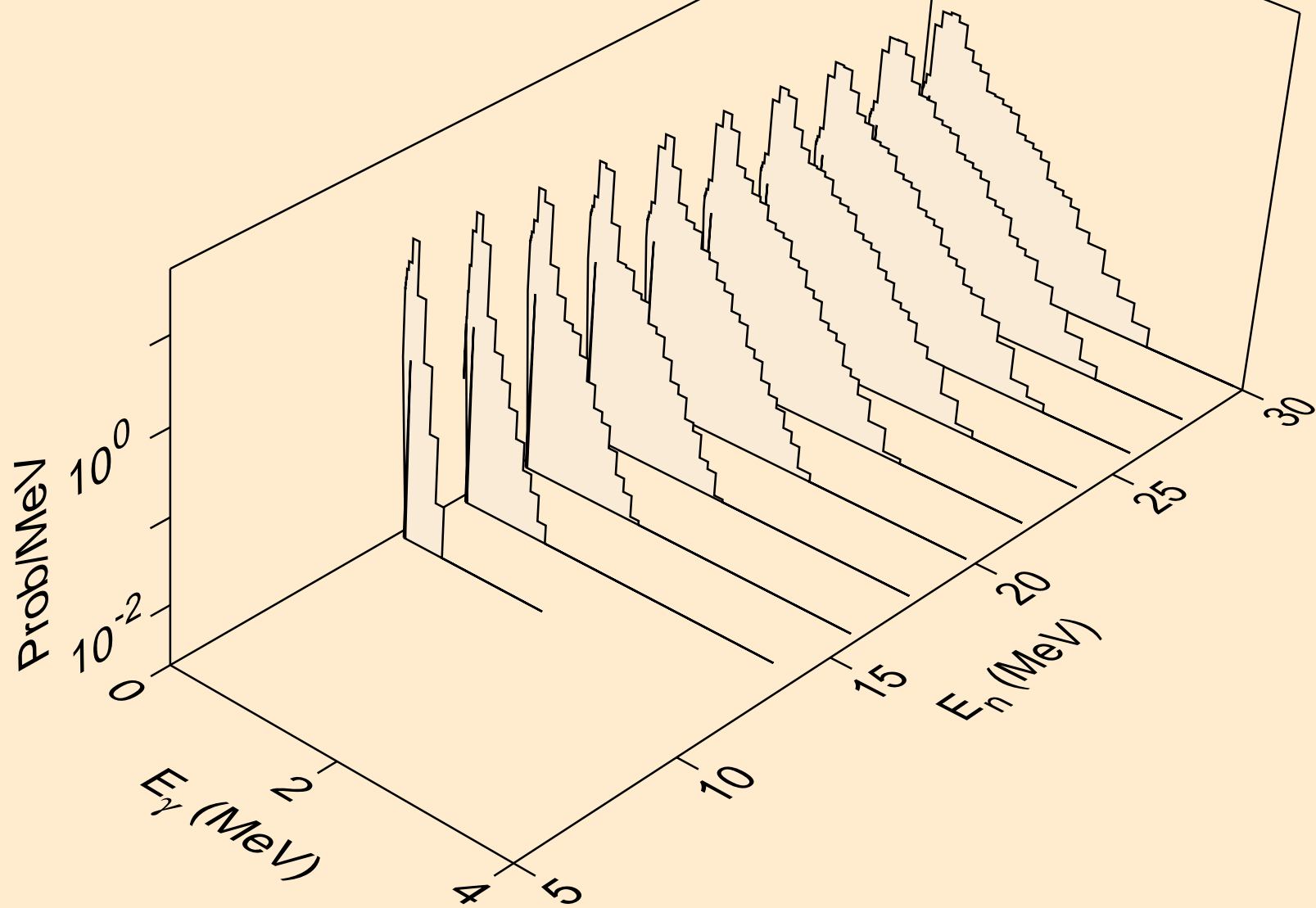
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



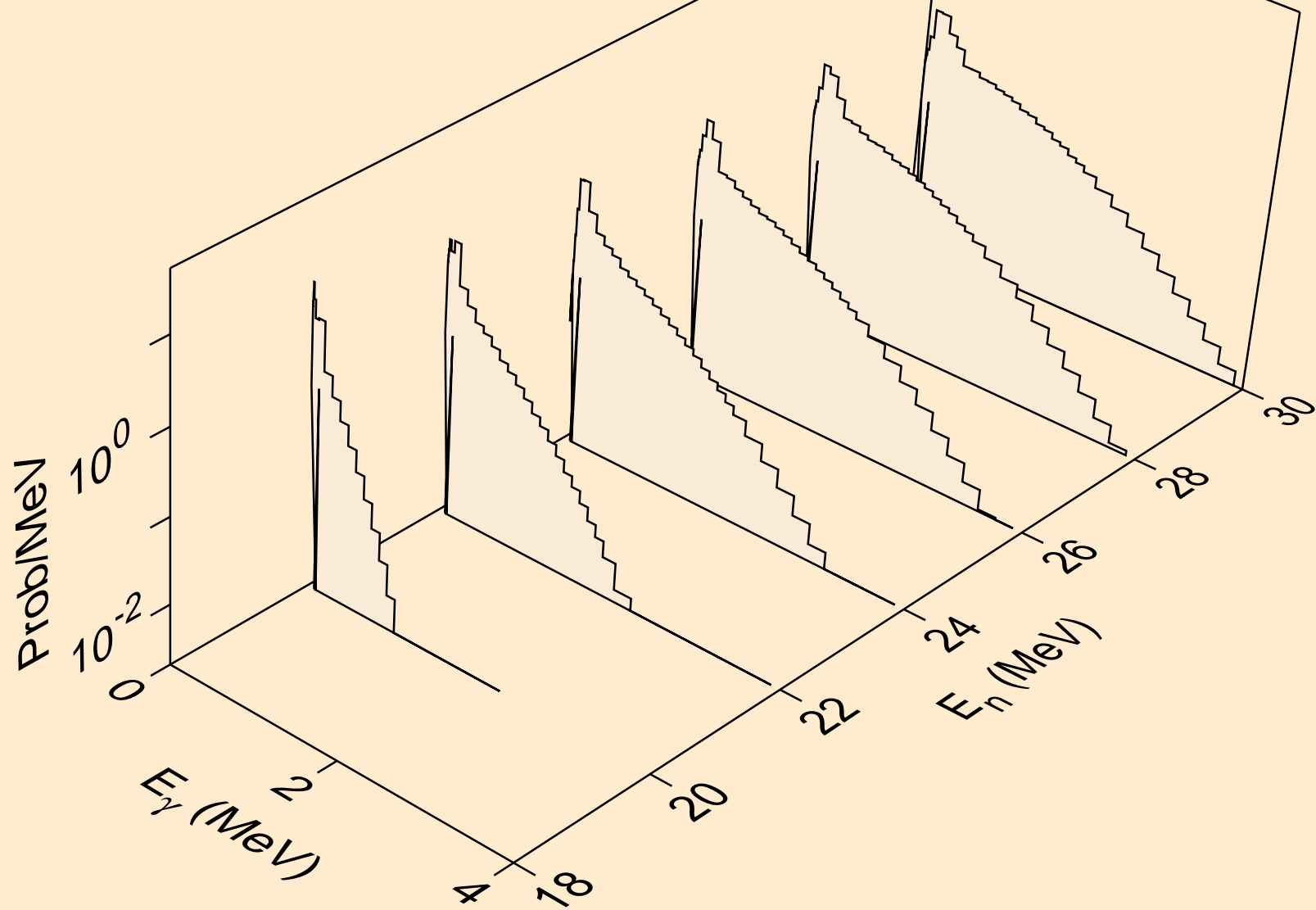
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



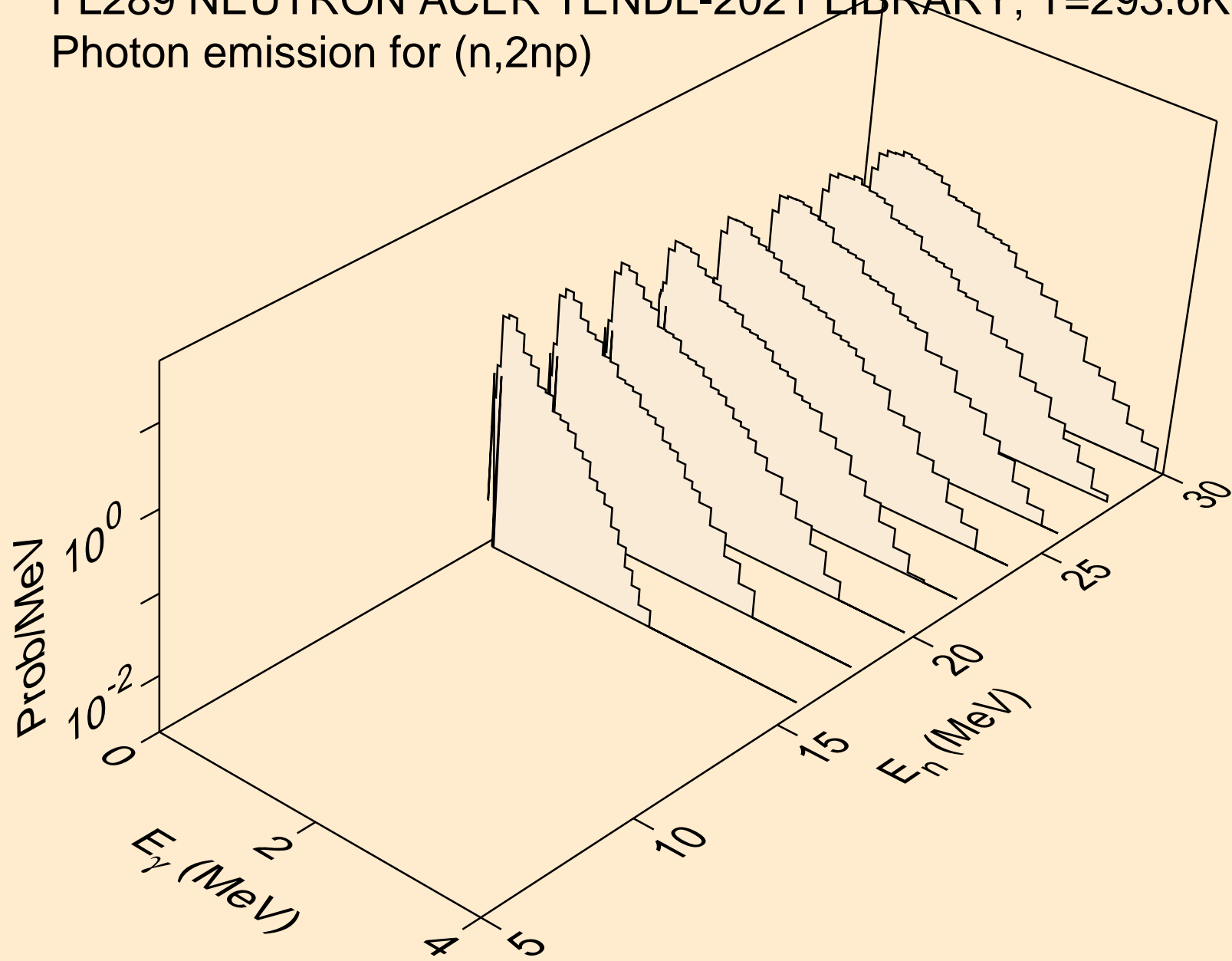
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

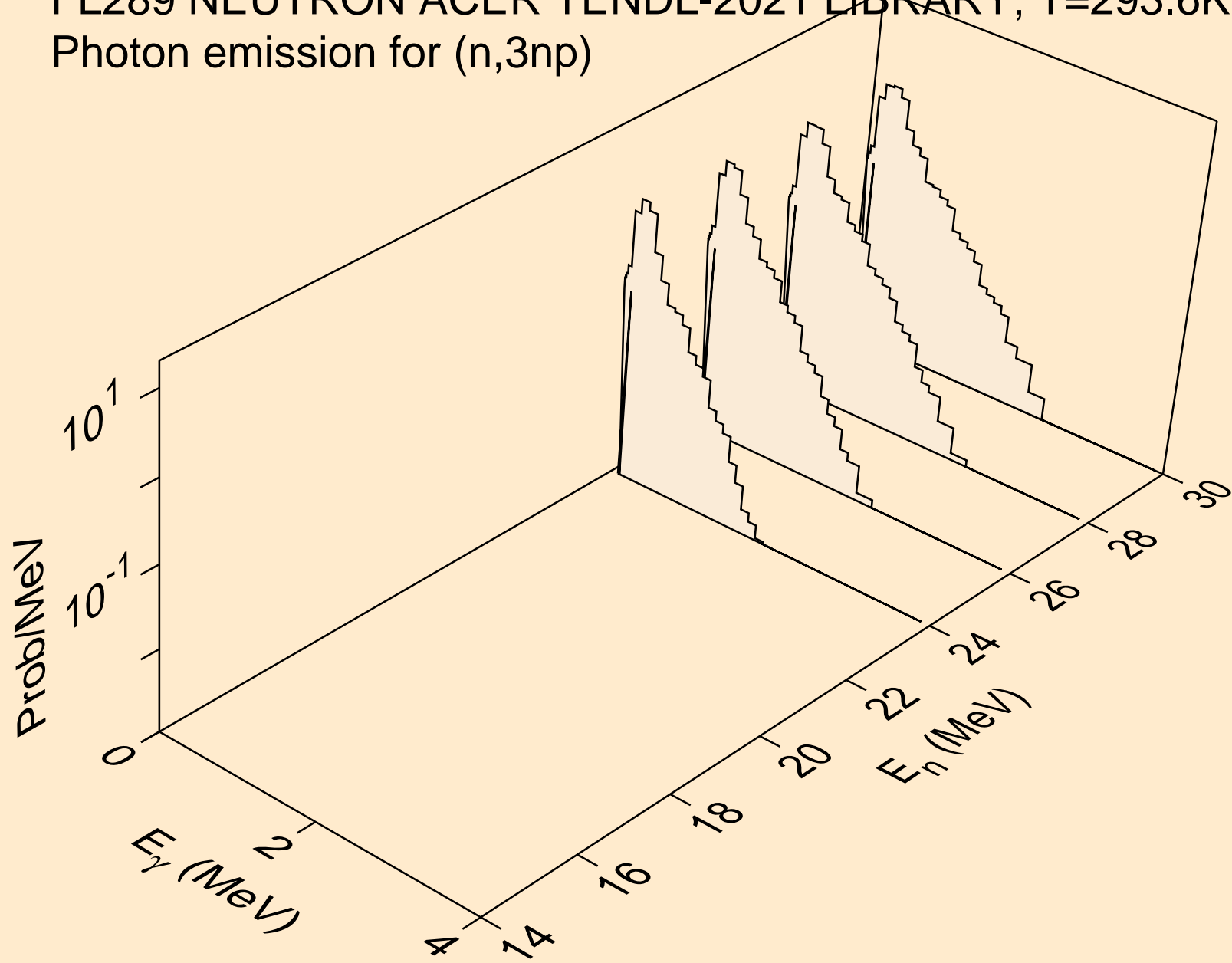


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

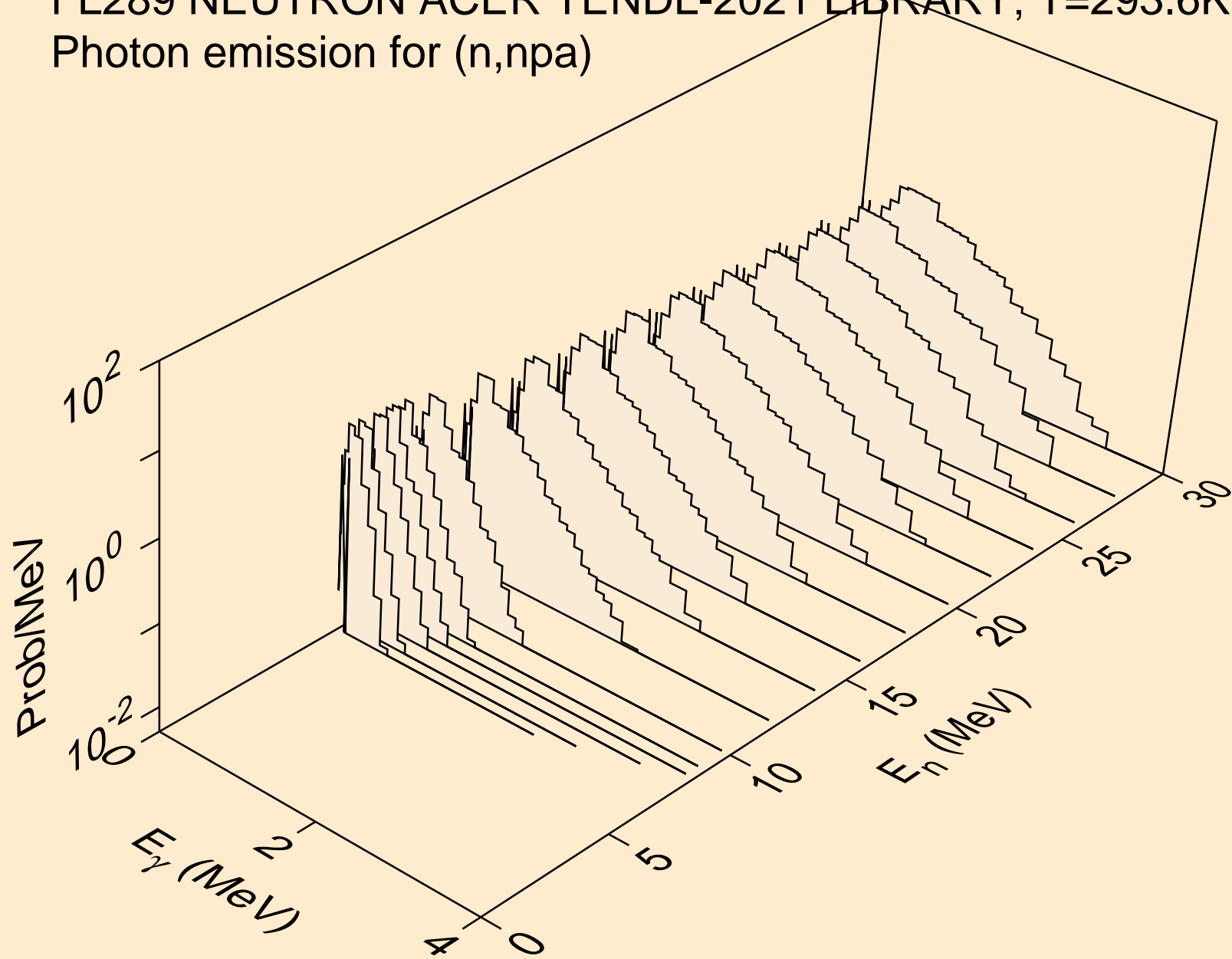




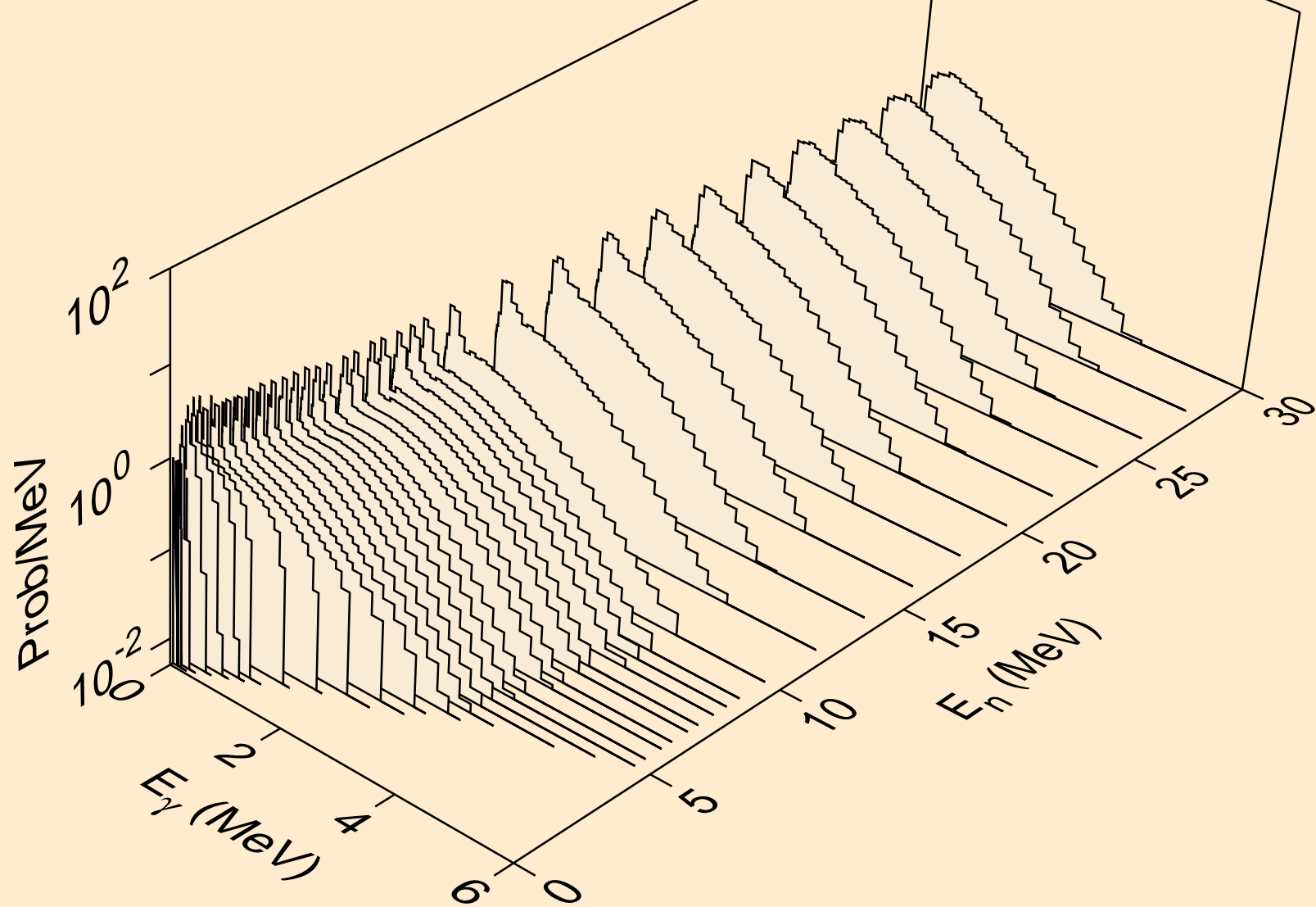
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



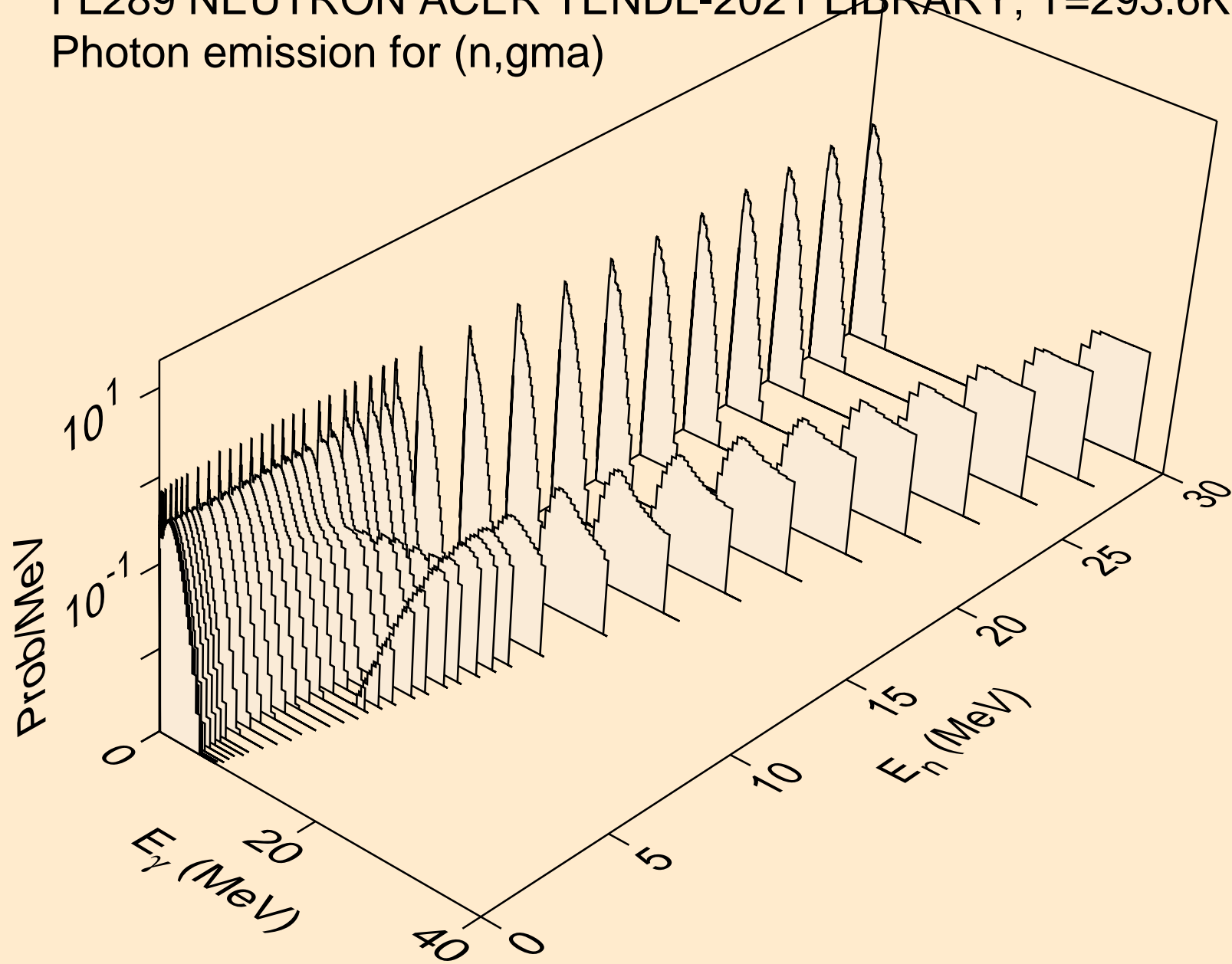
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



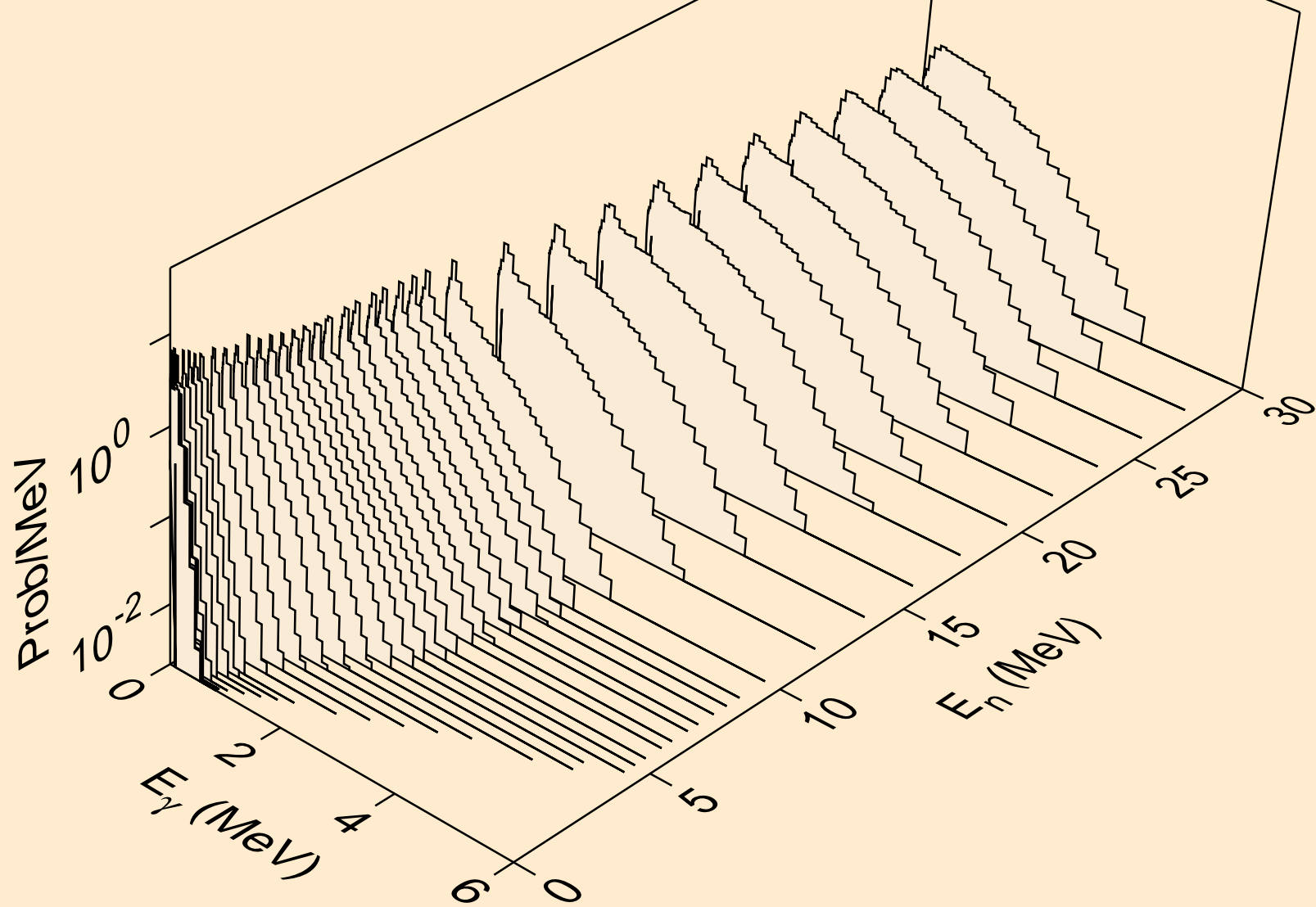
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



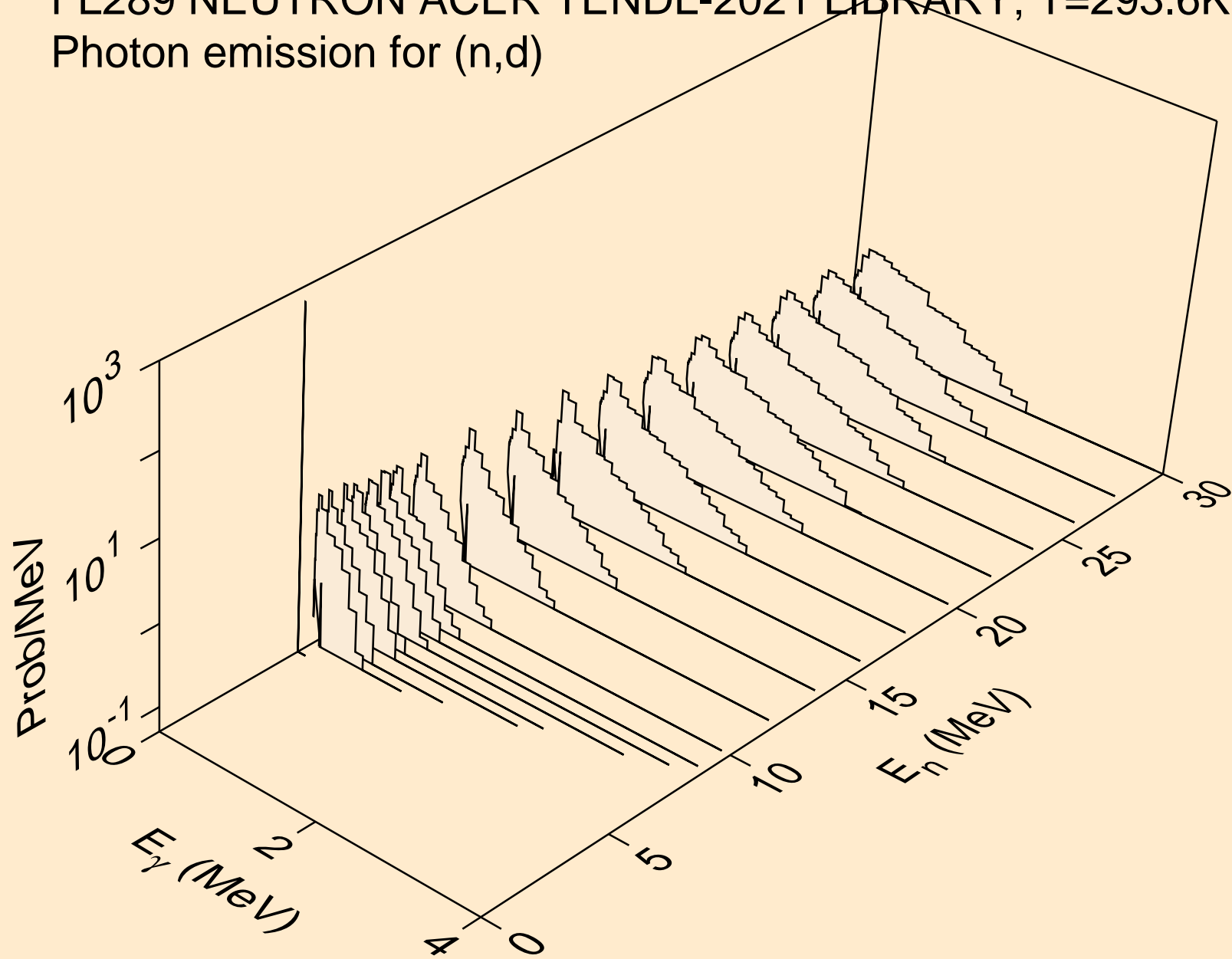
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



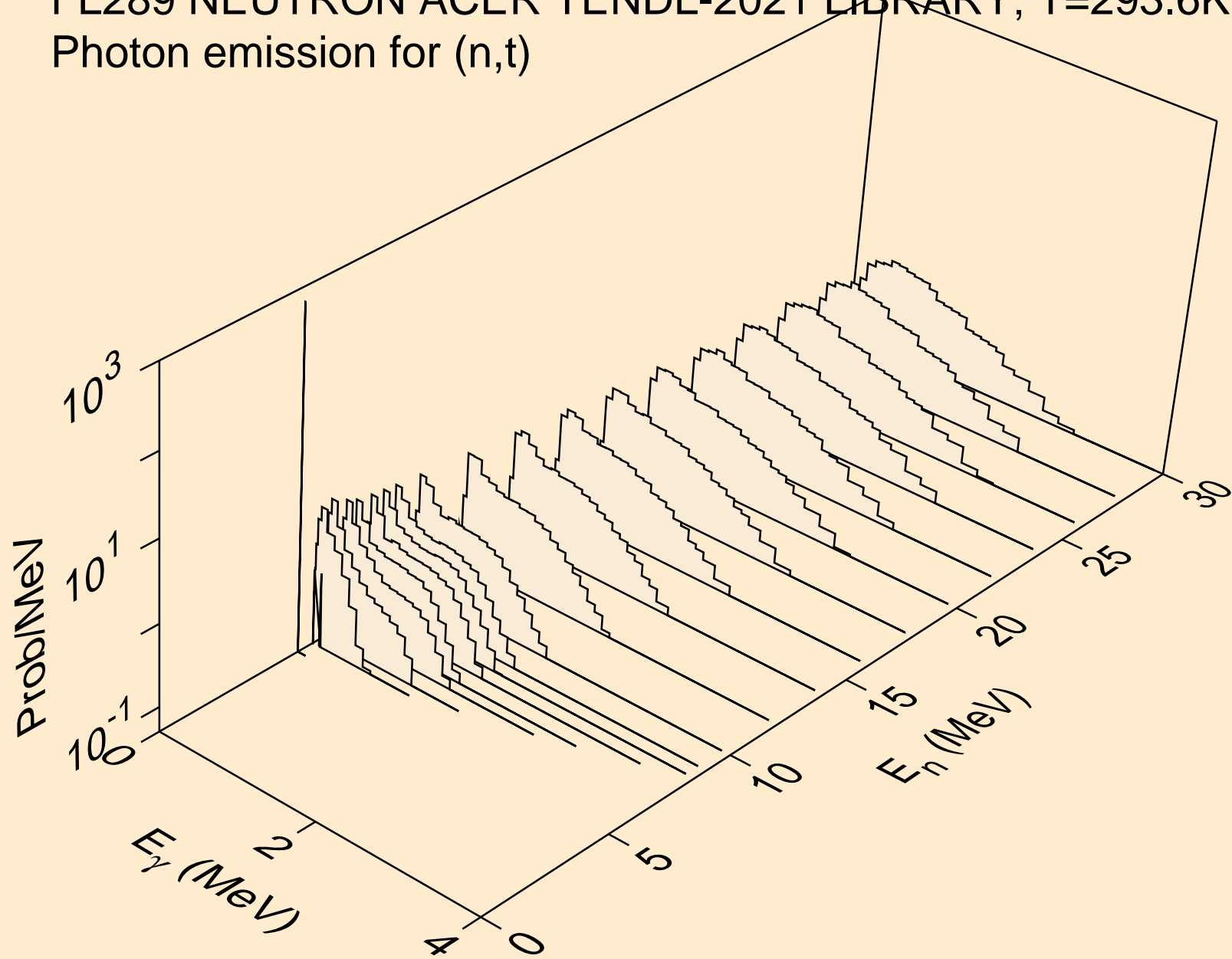
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



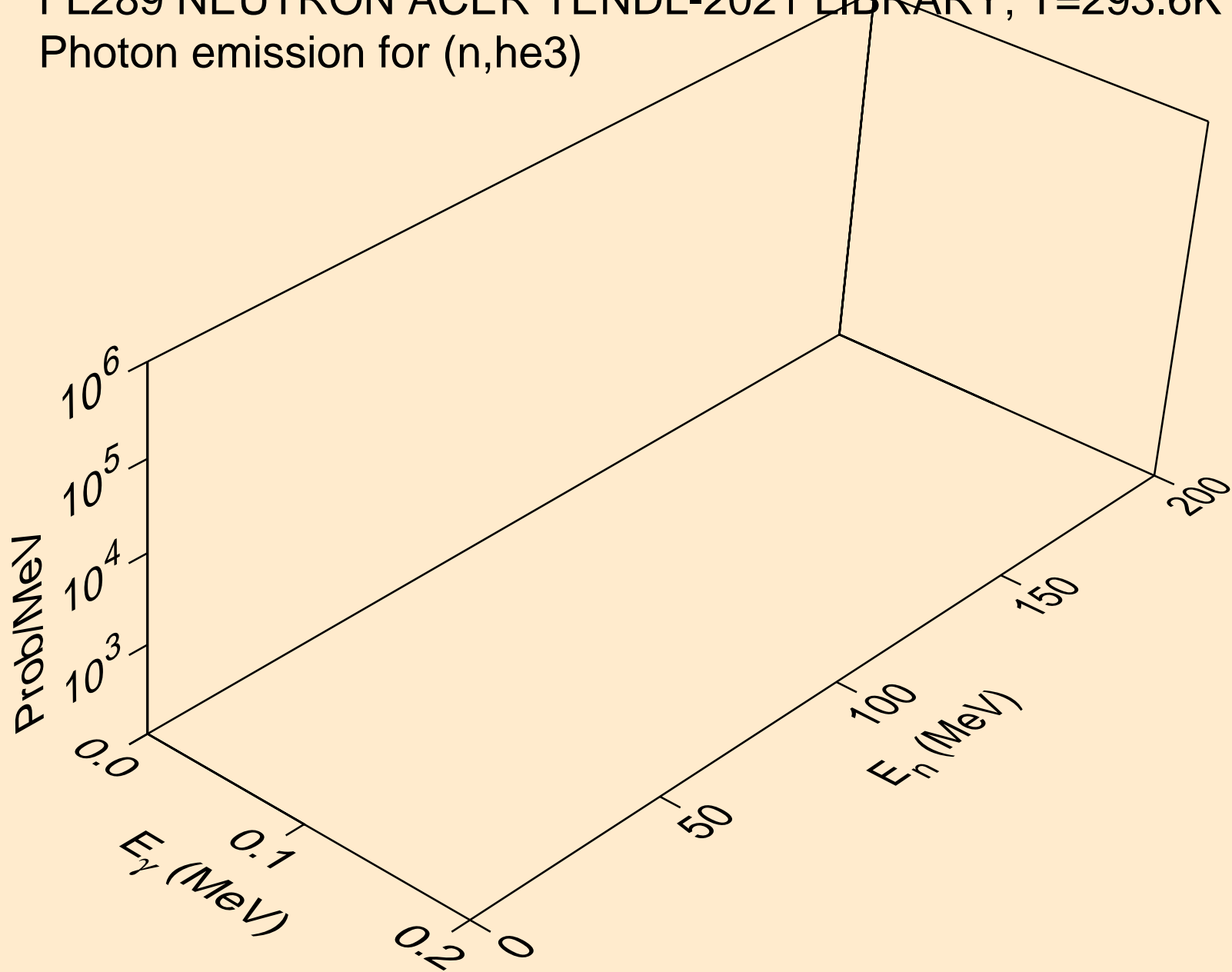
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

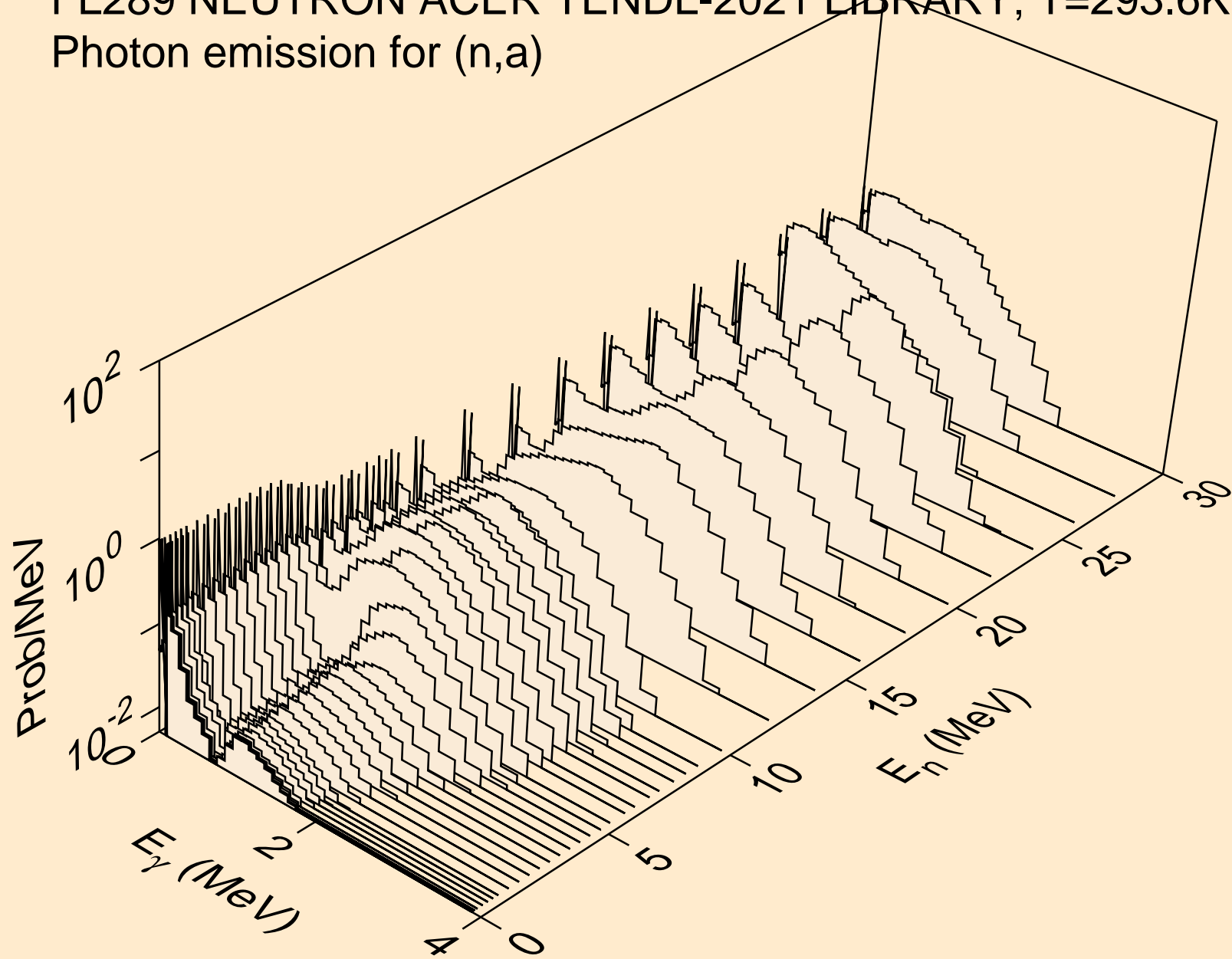


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

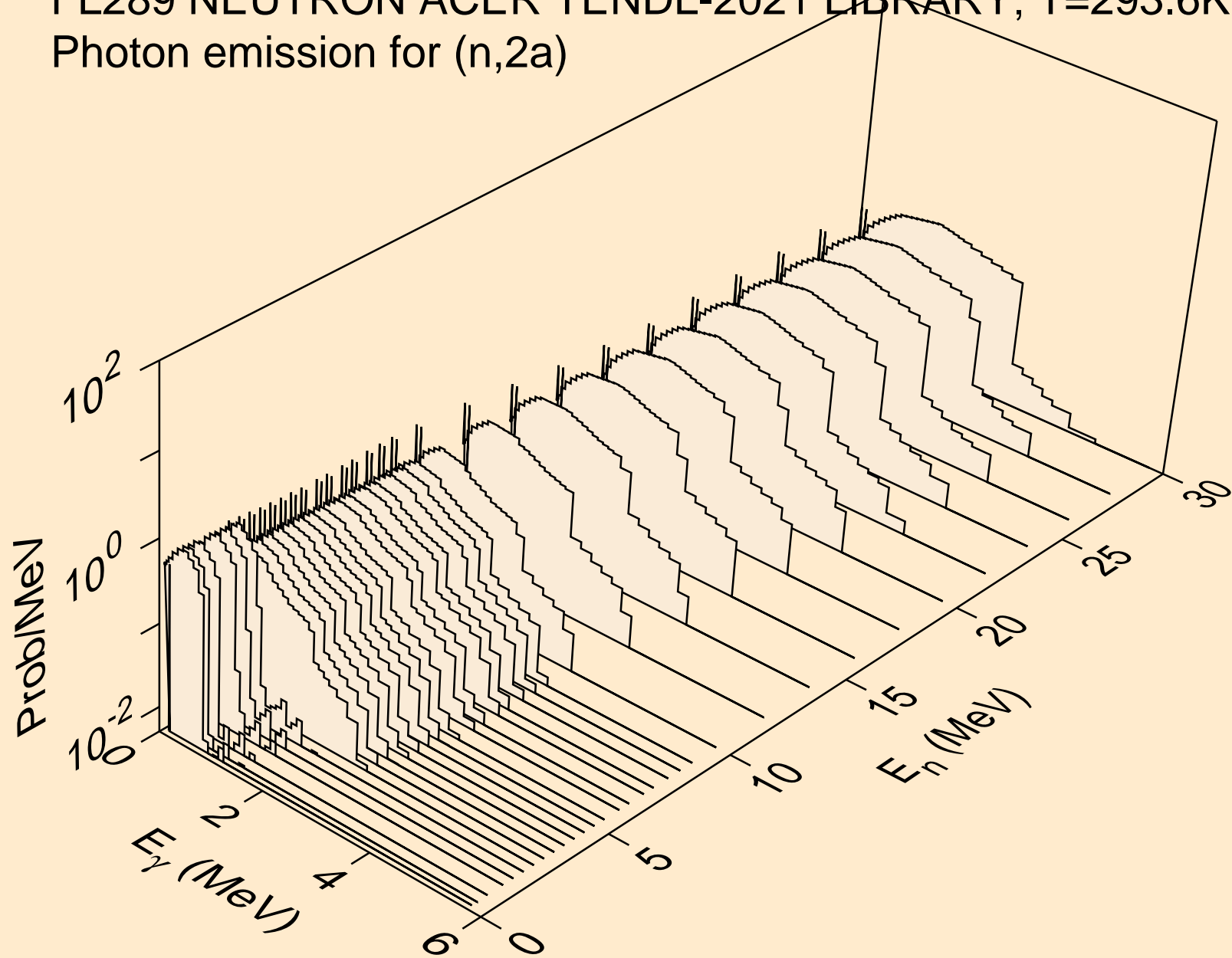




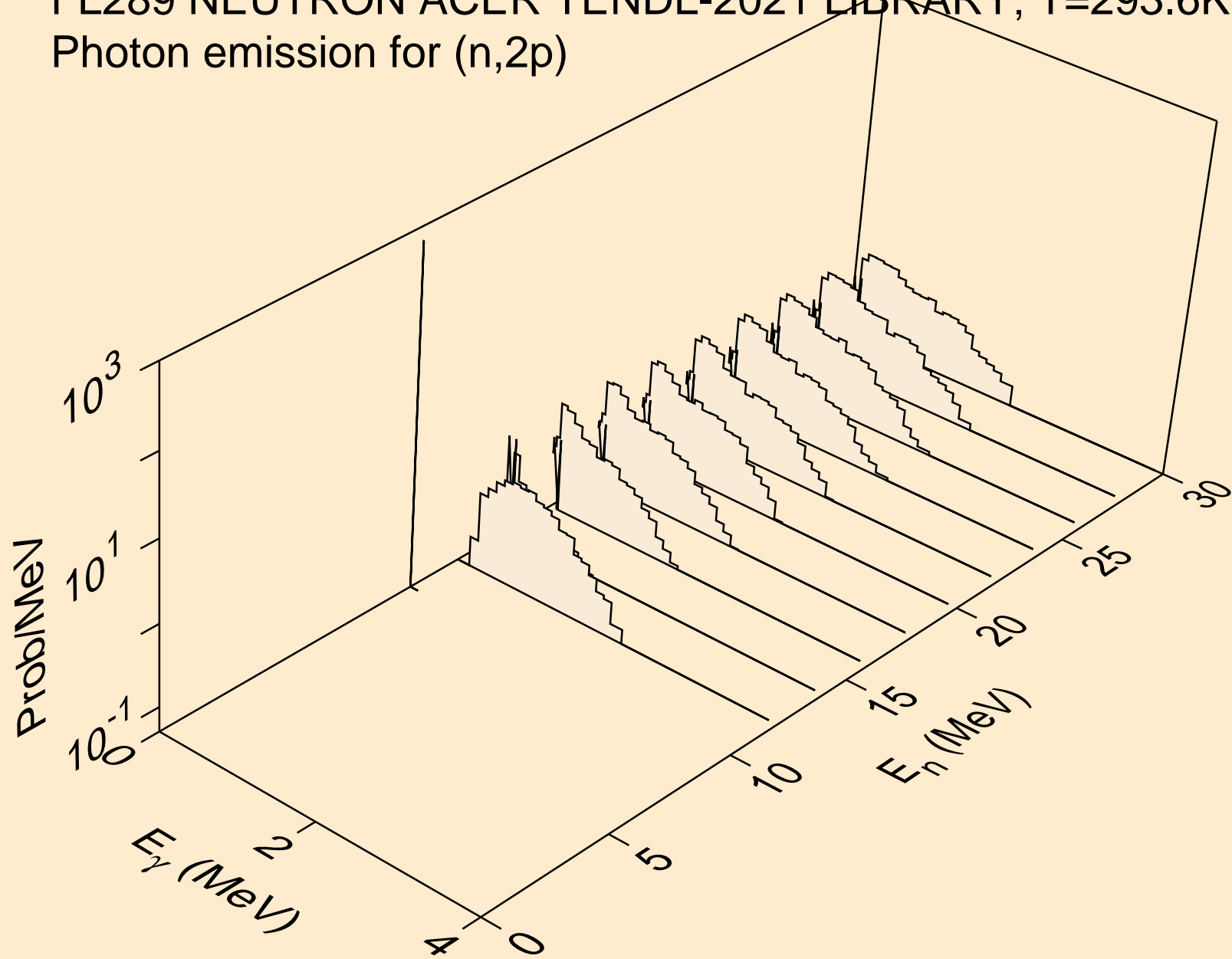
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



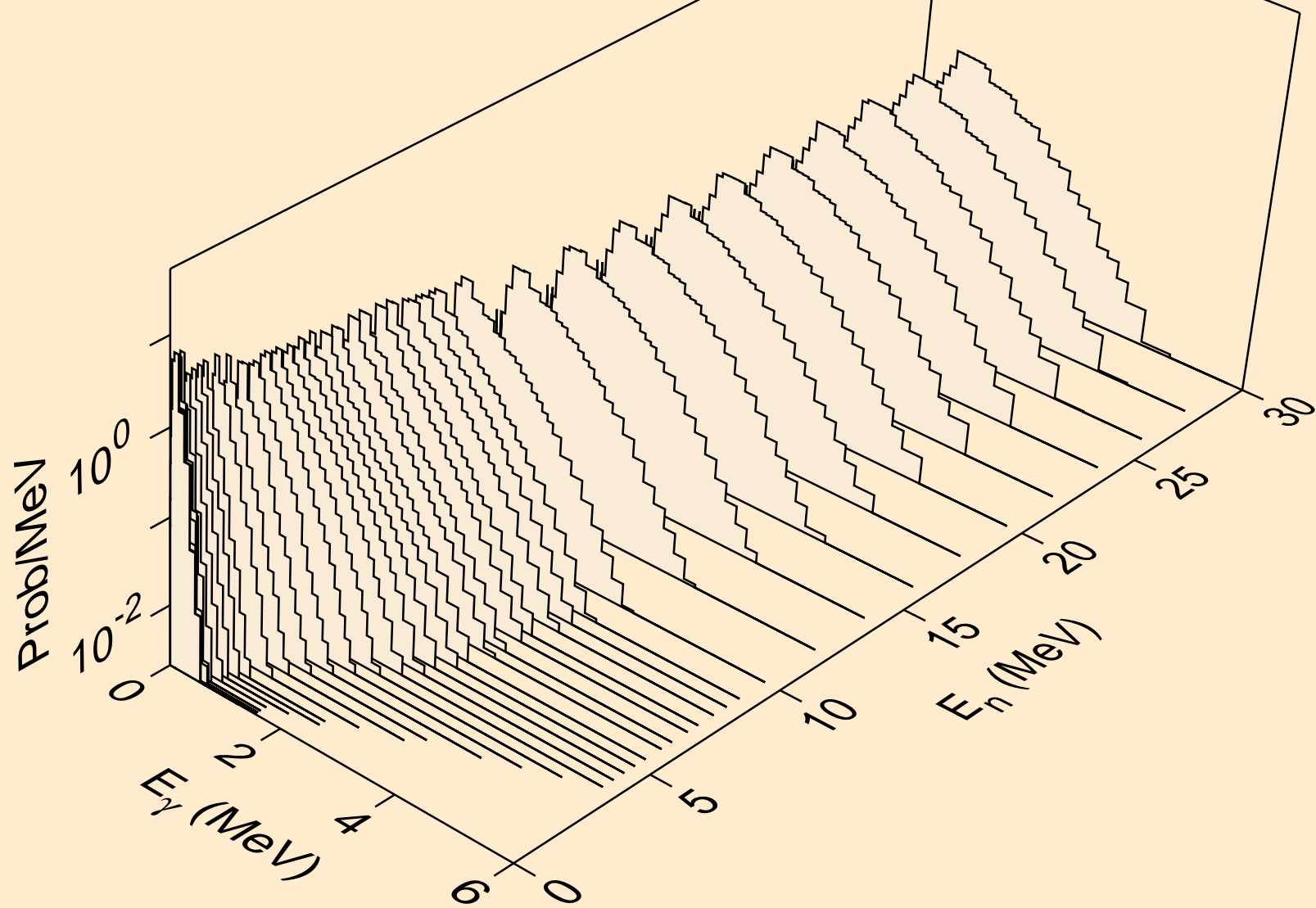
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



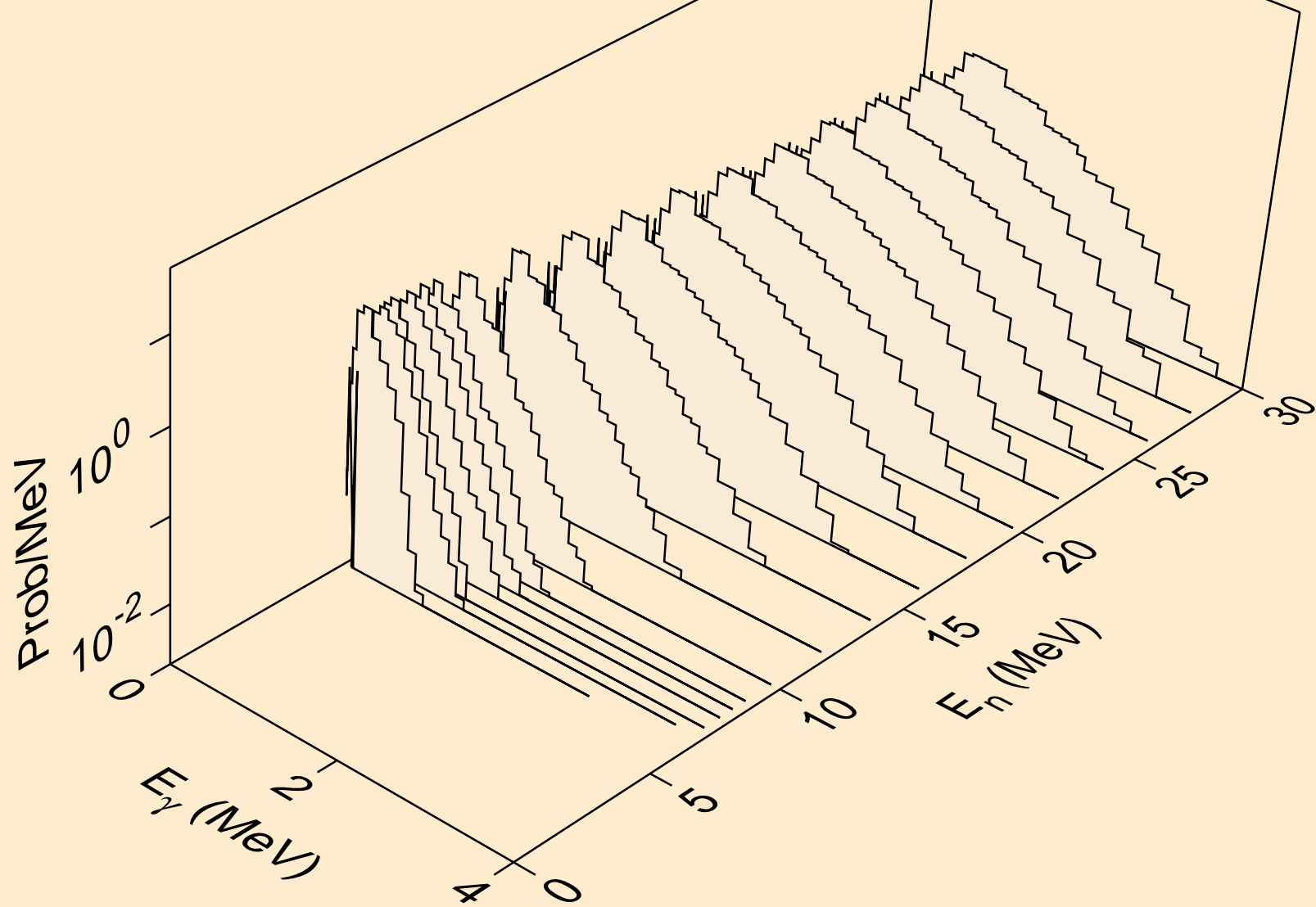
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



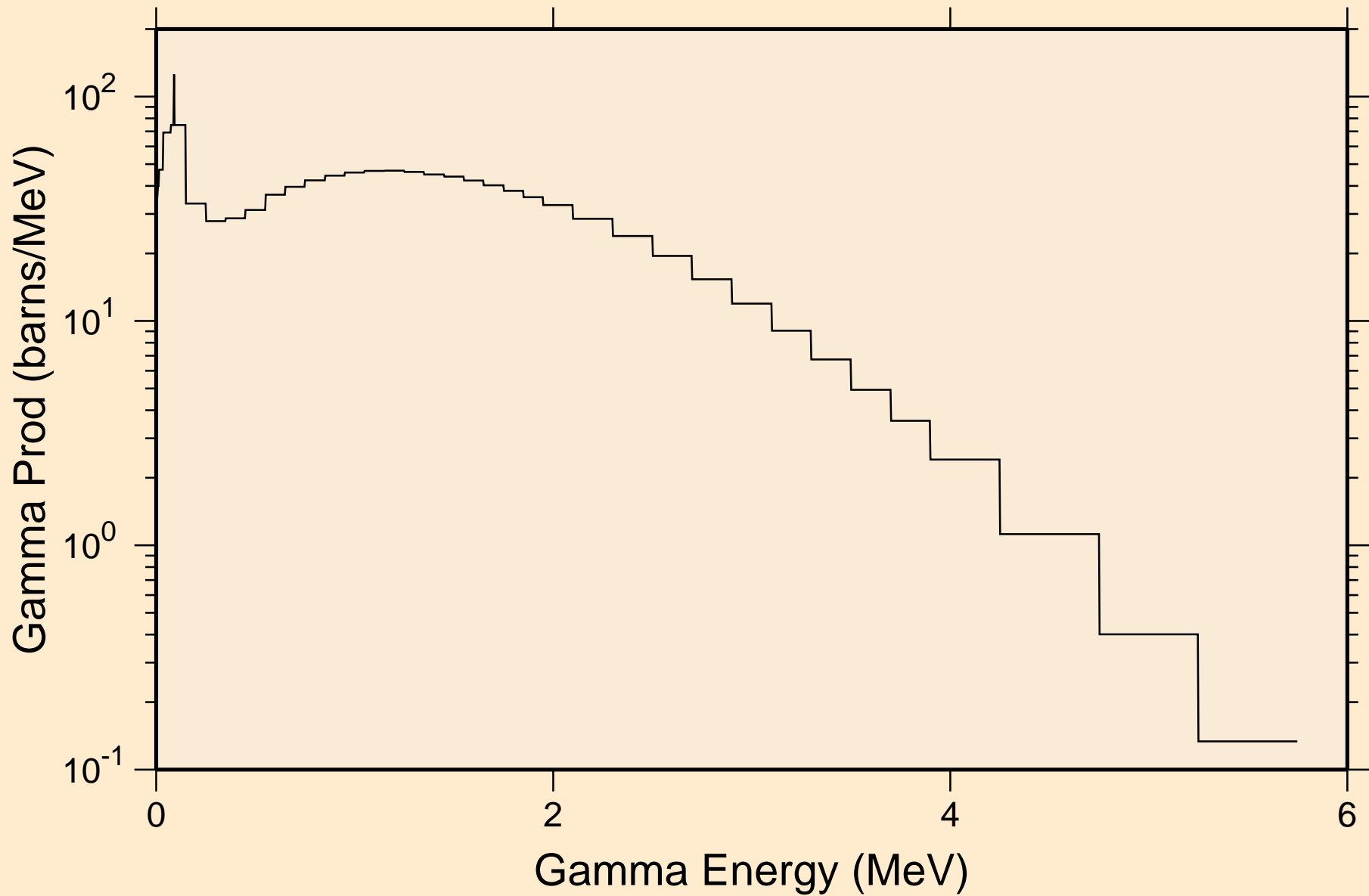
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



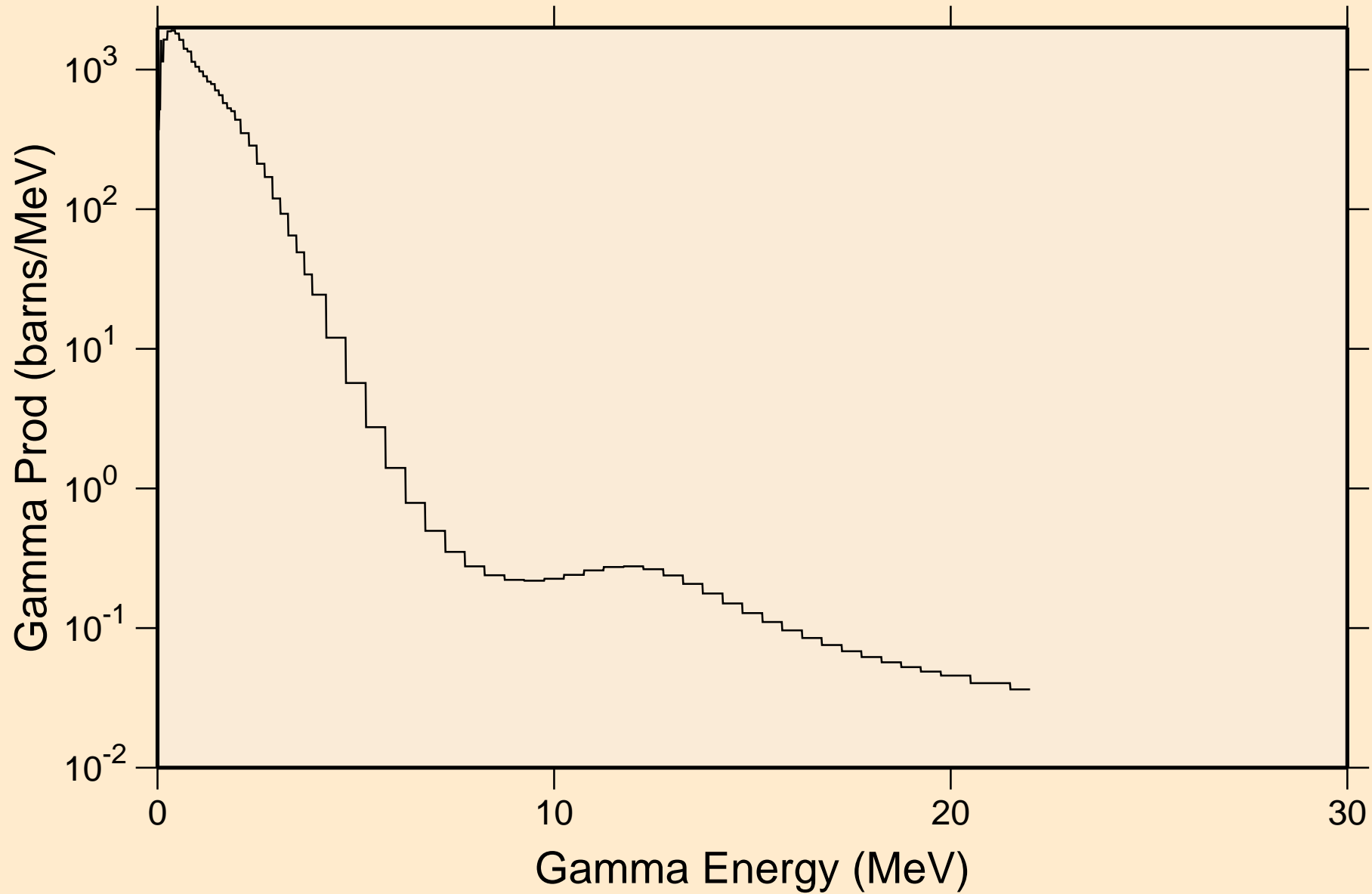
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

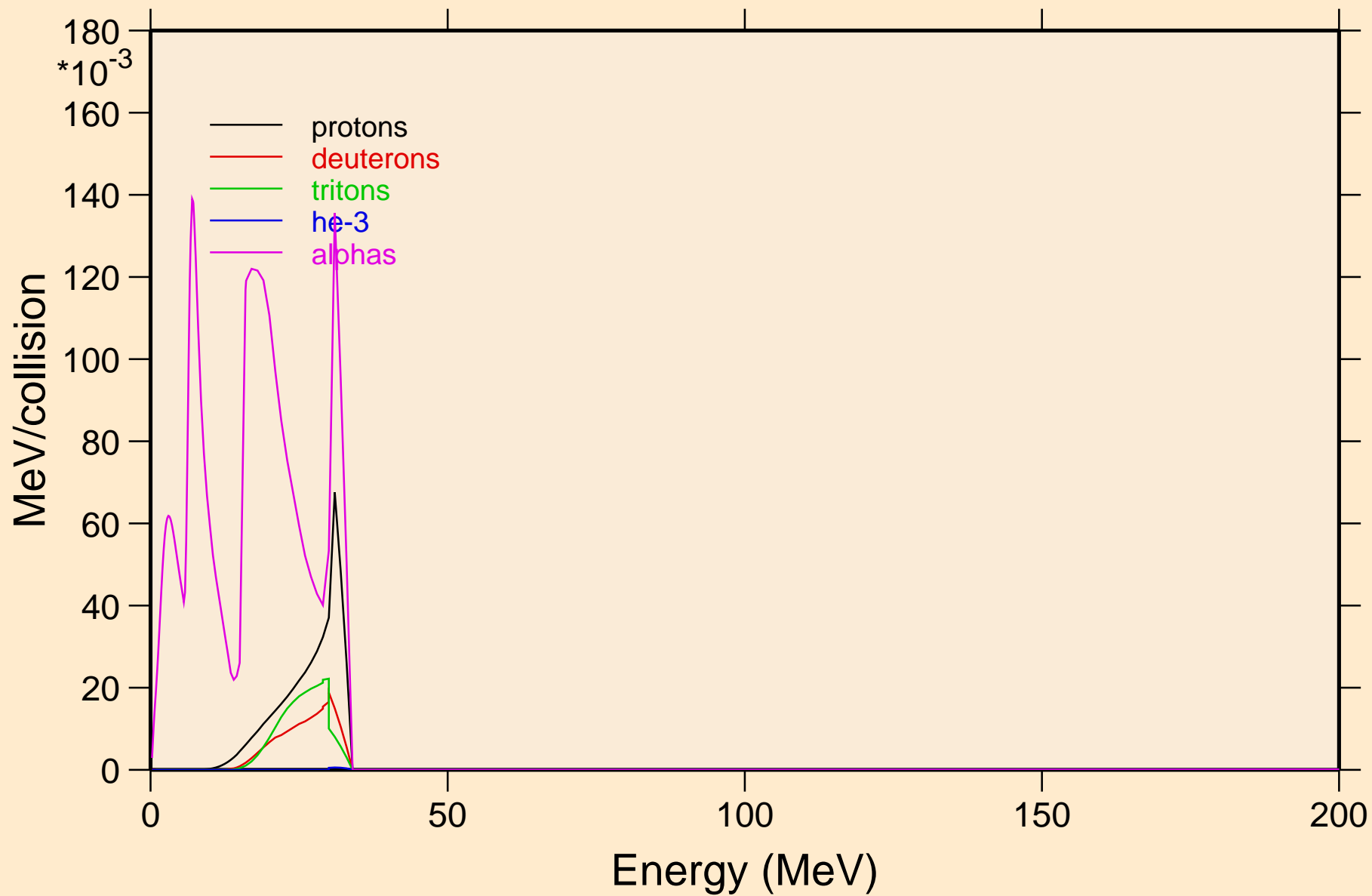


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



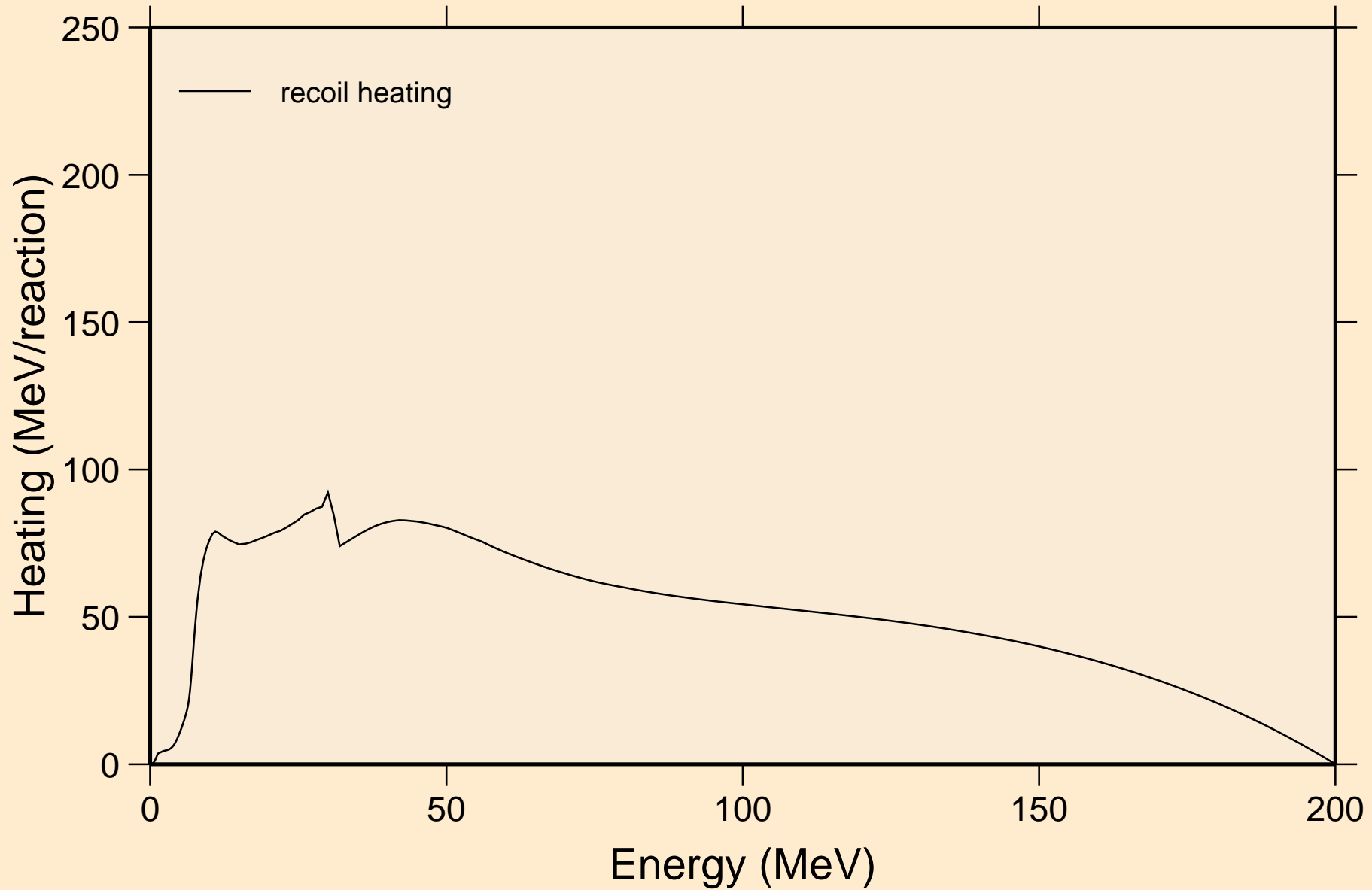
# FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions



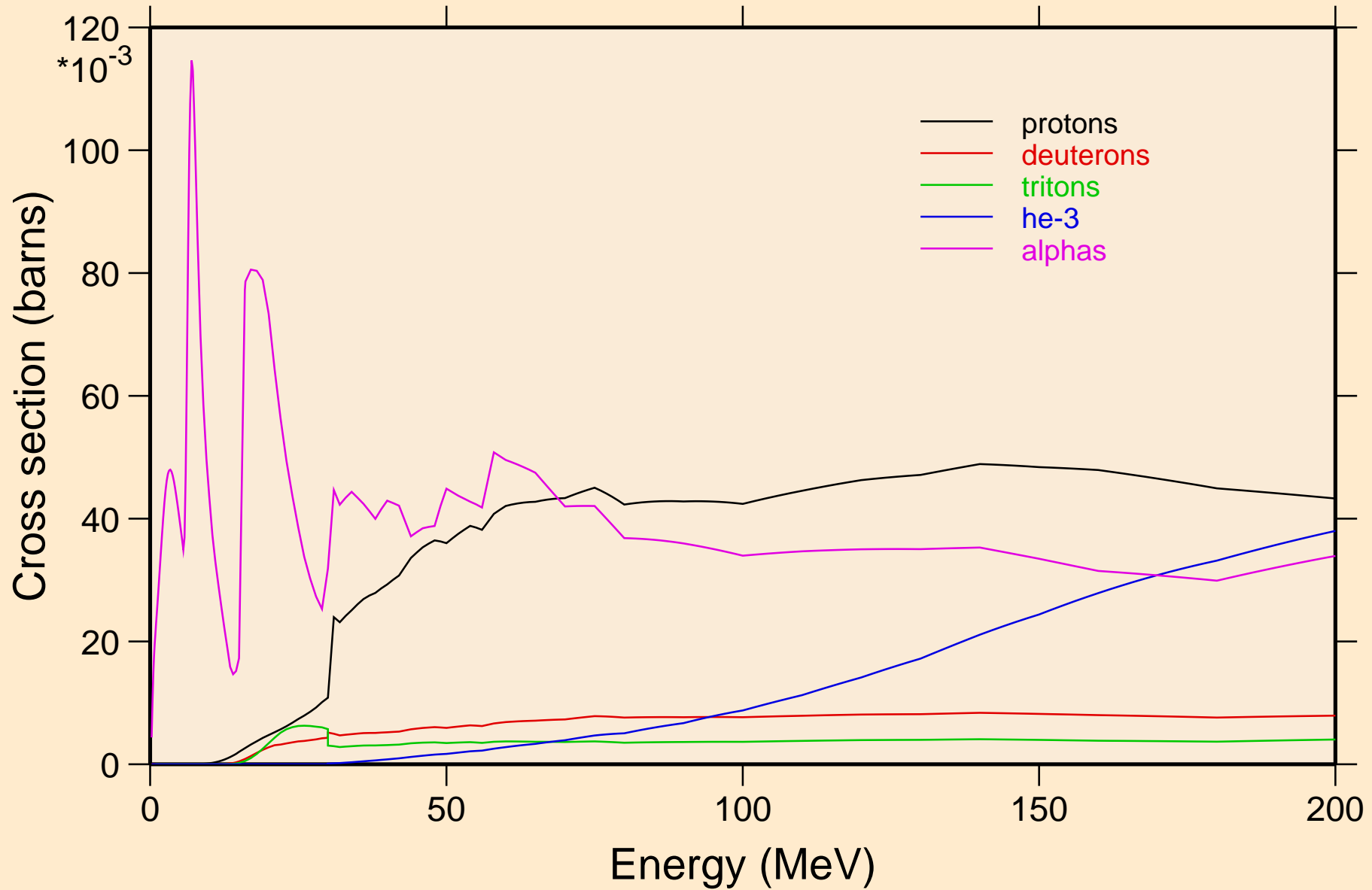


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

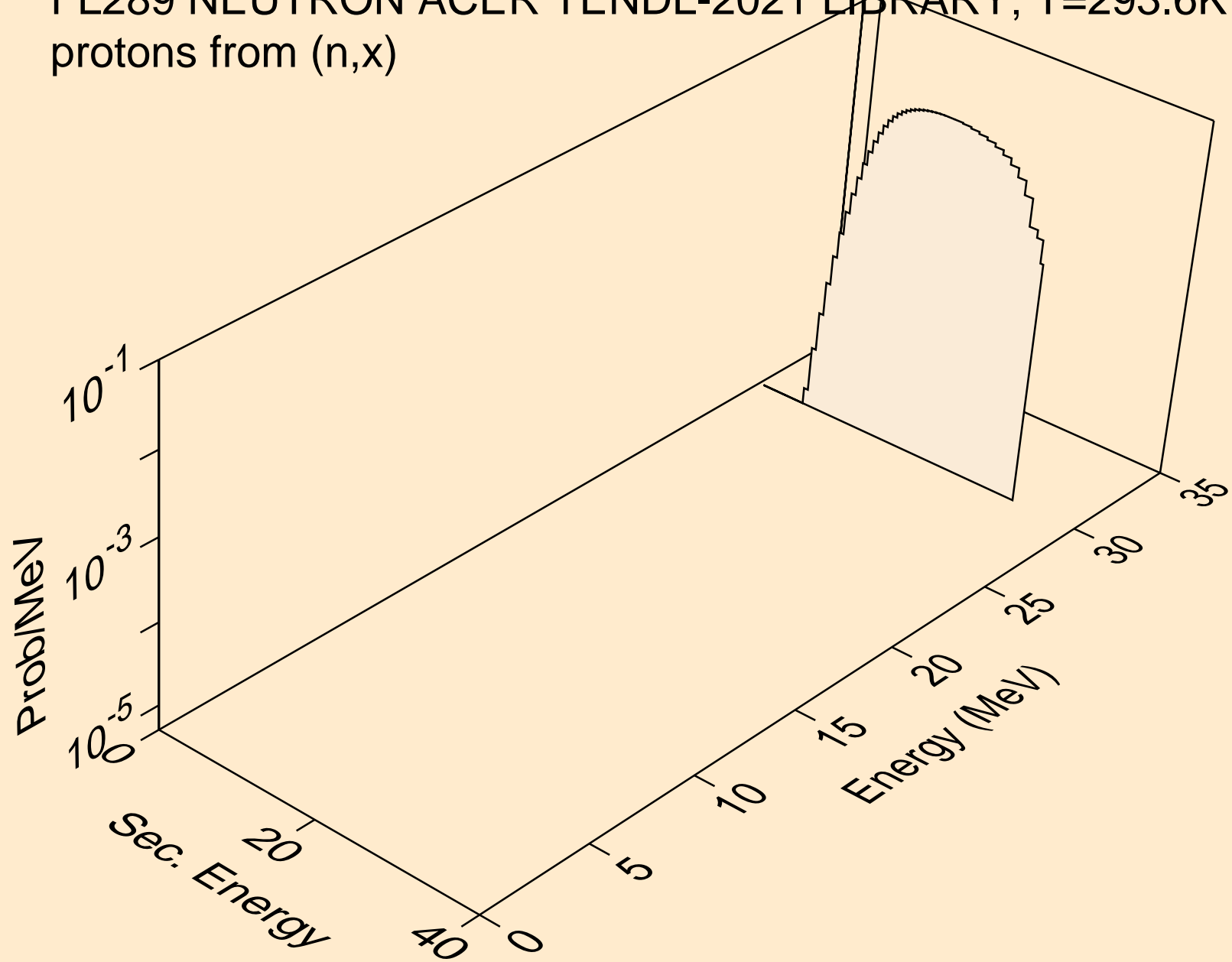


# FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

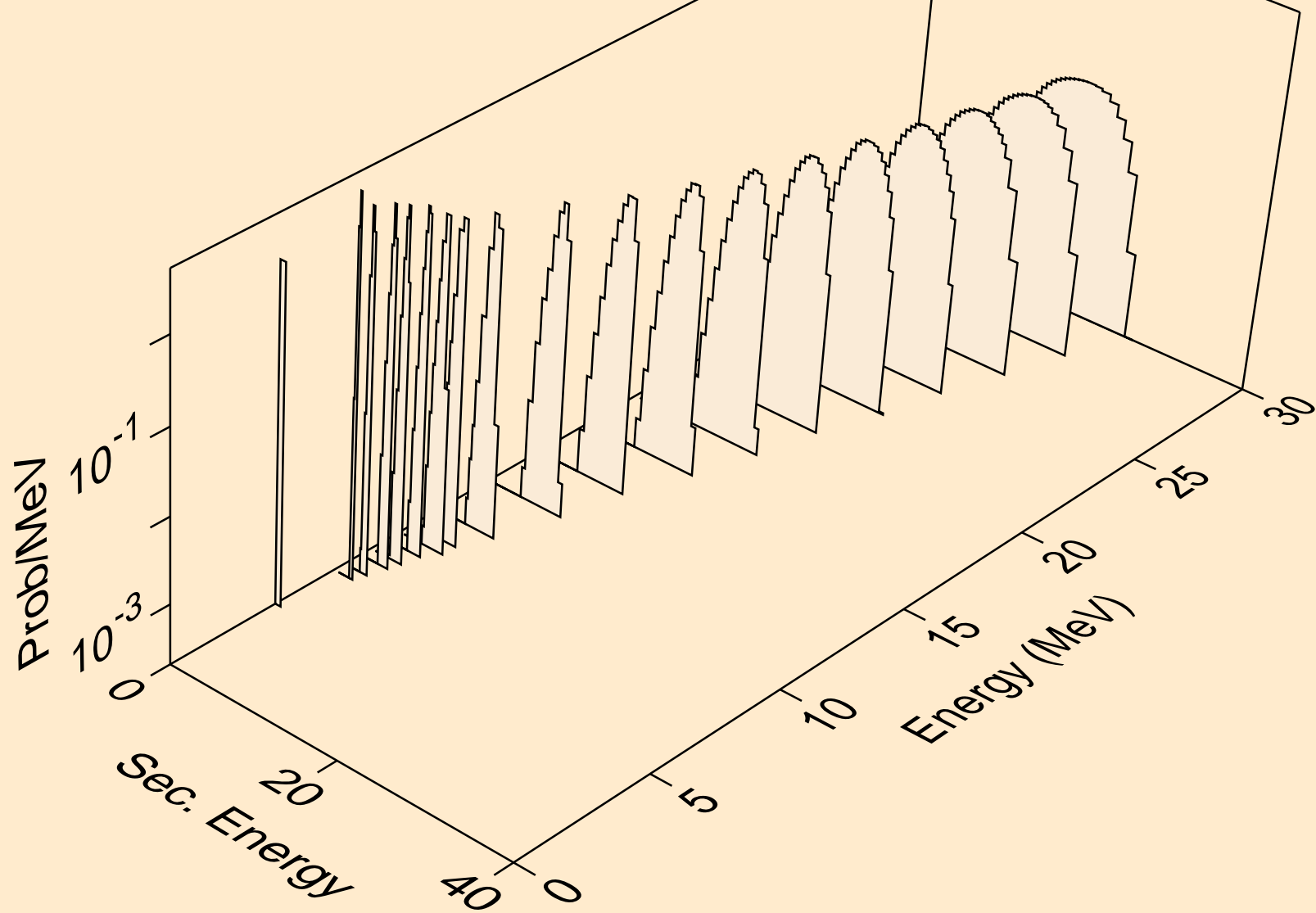
## Particle production cross sections



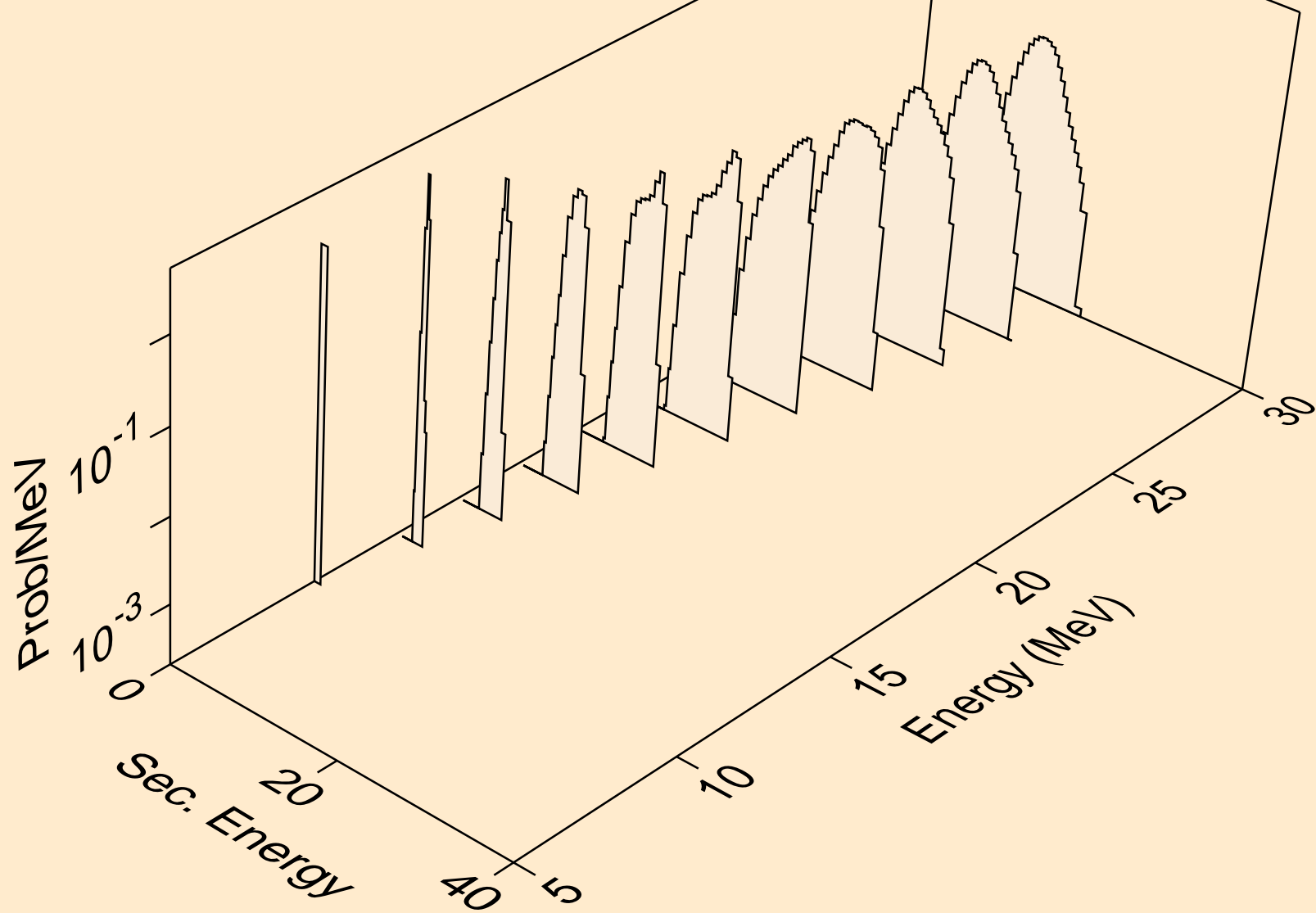
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



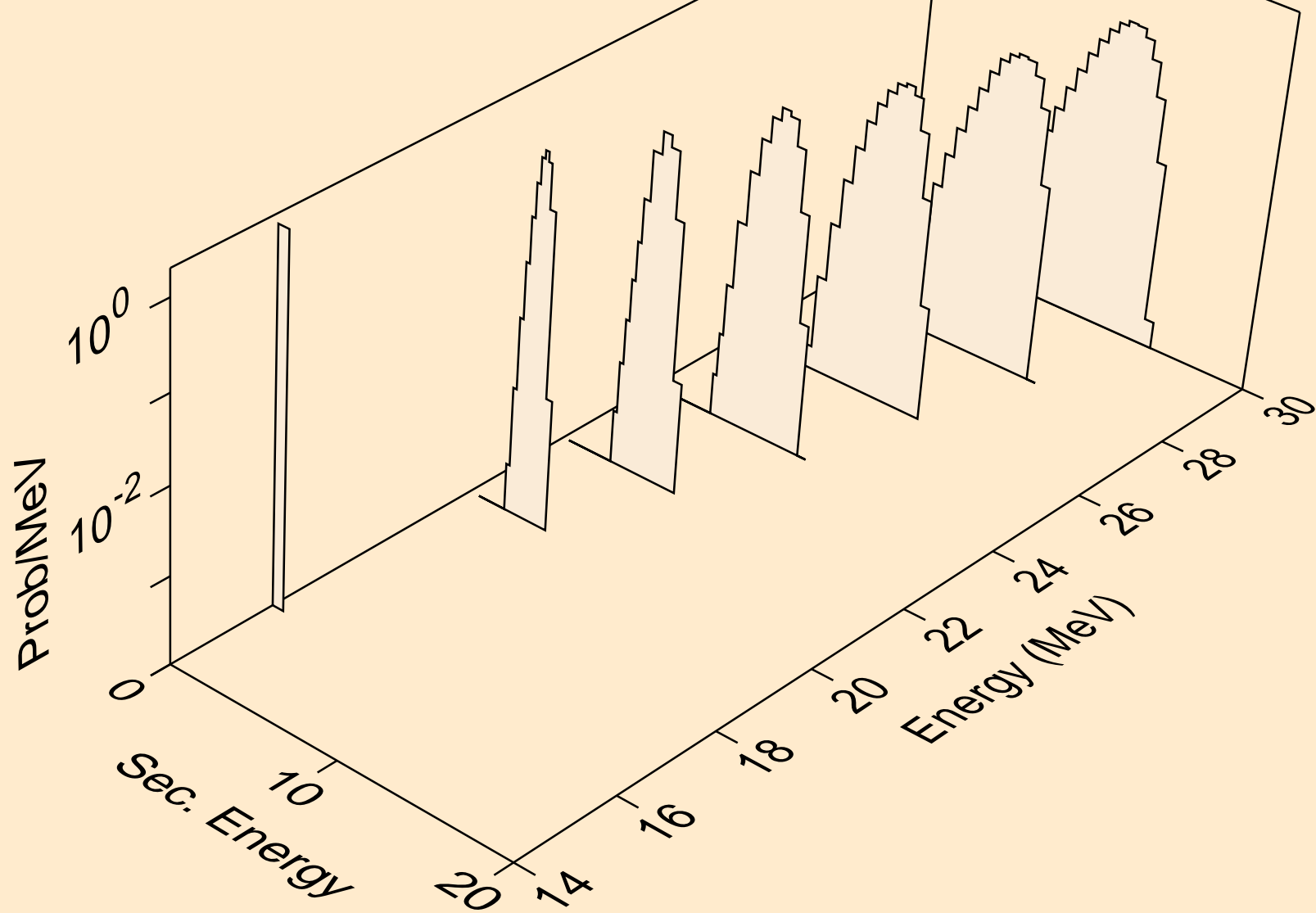
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



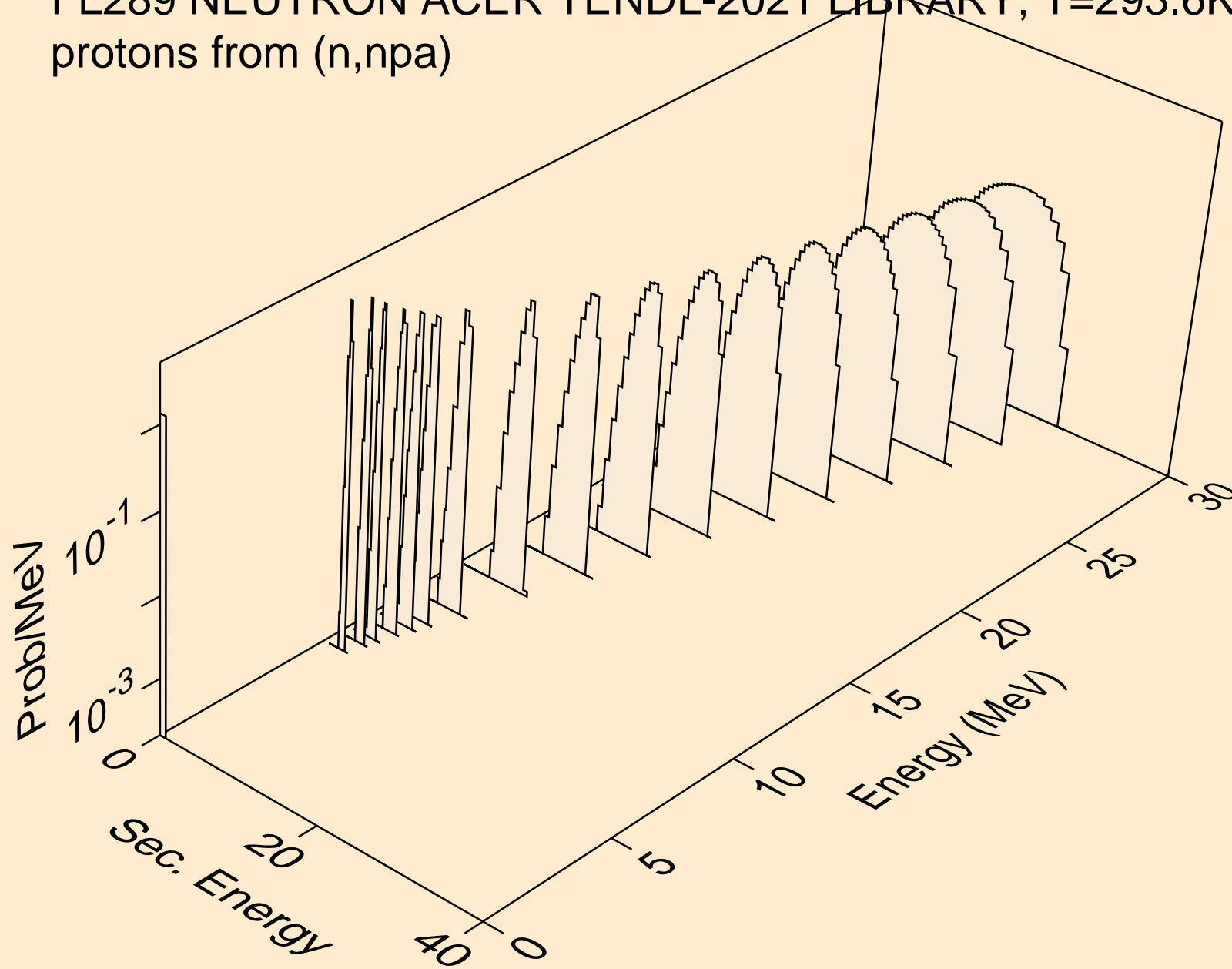
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



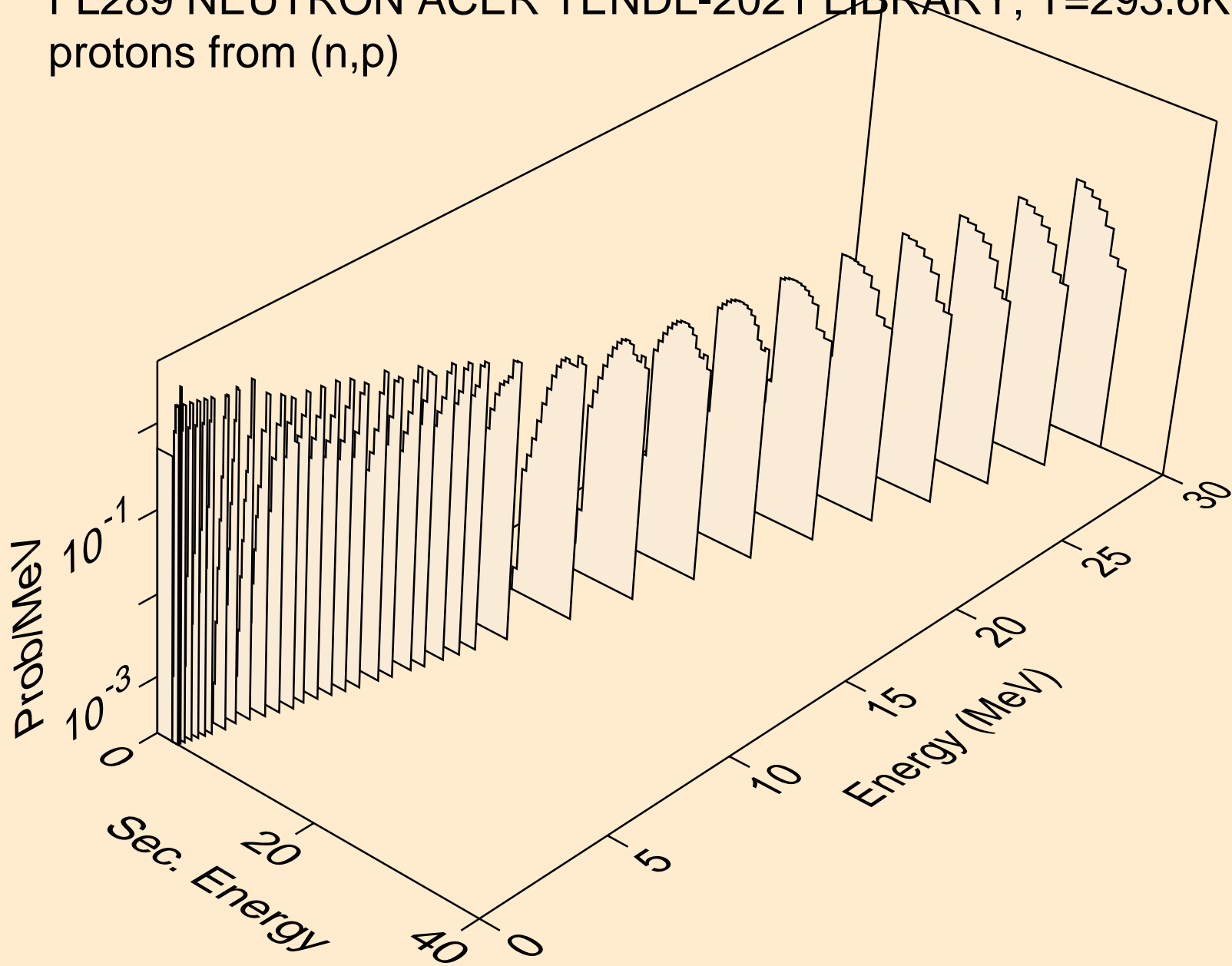
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

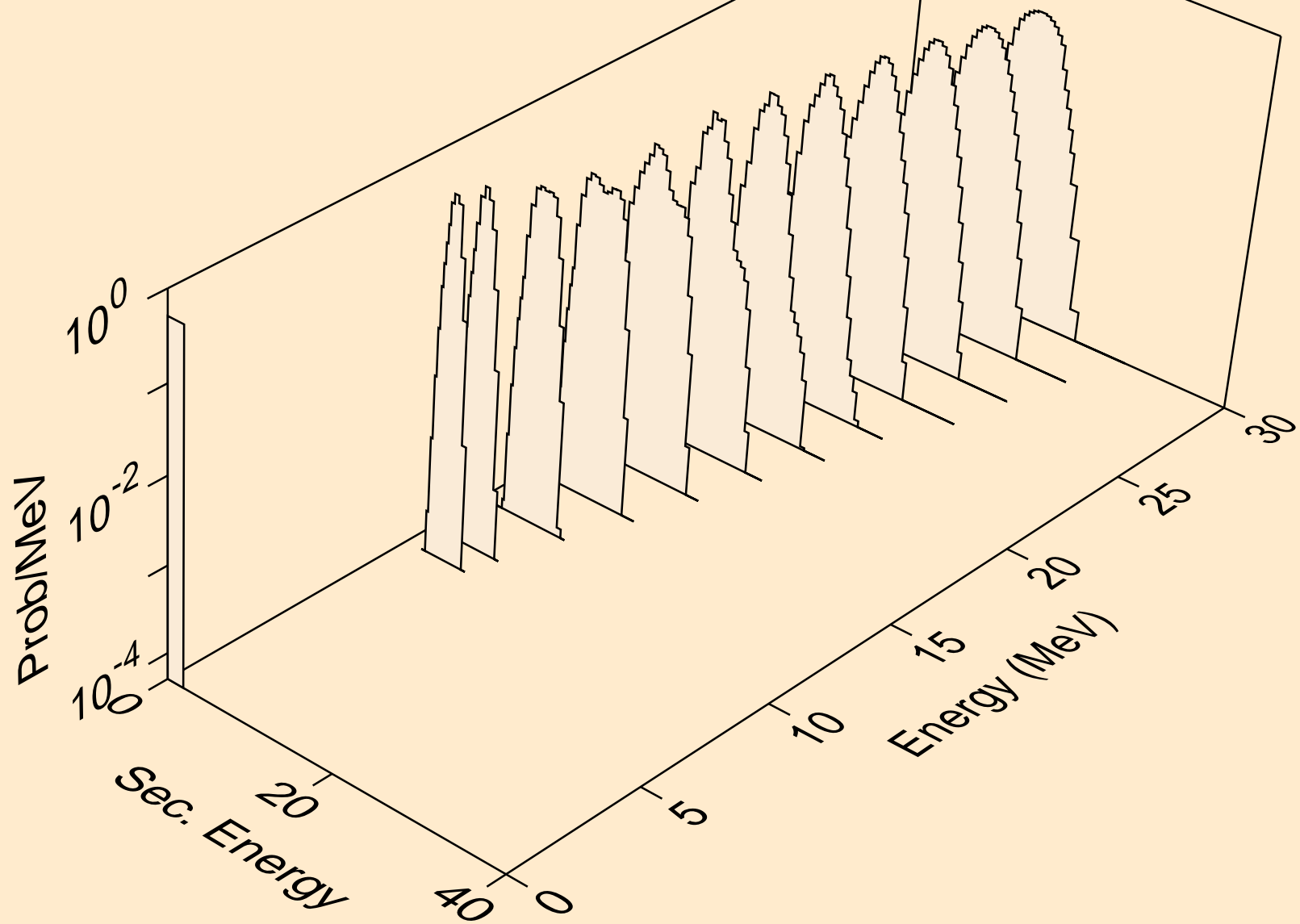


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

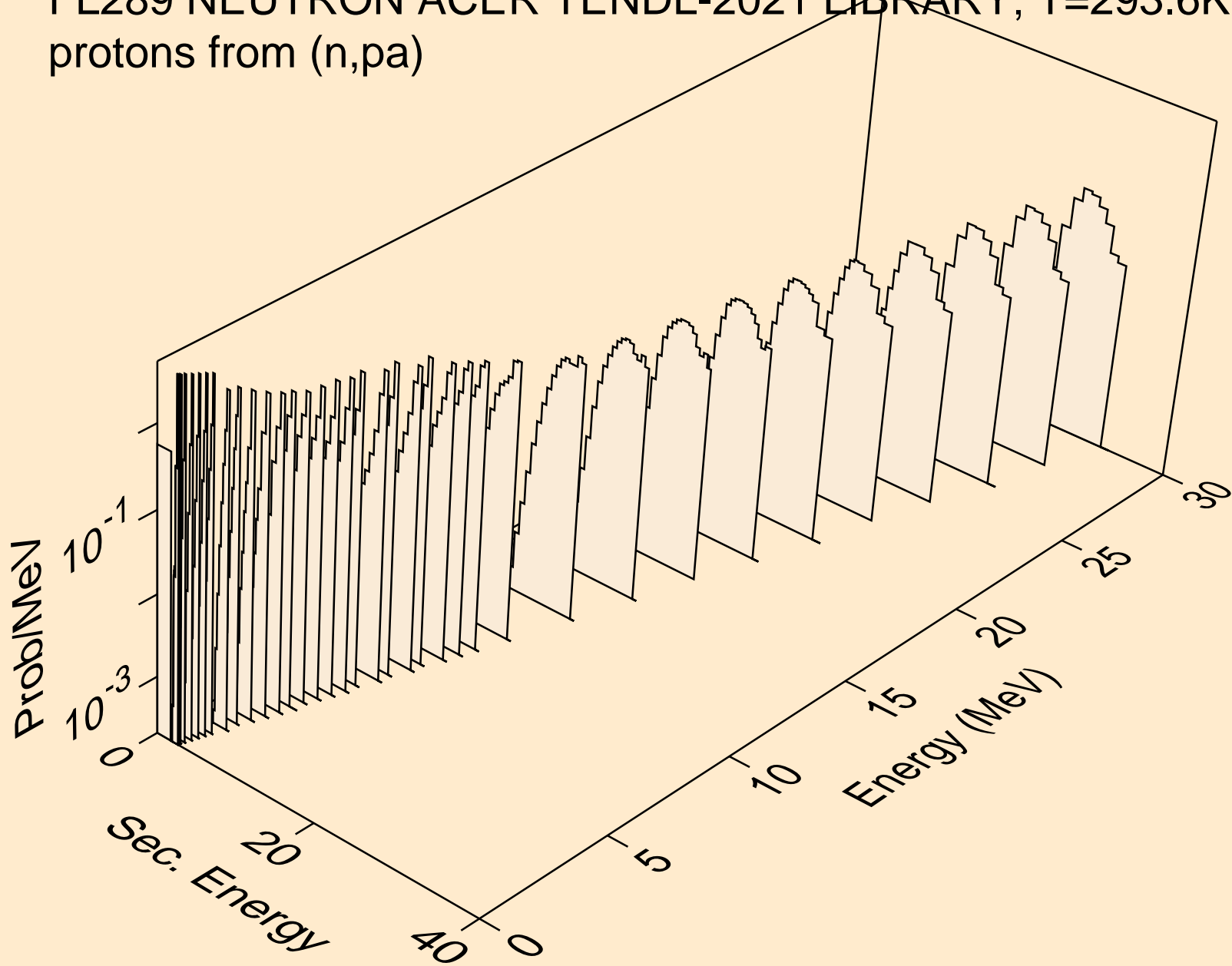




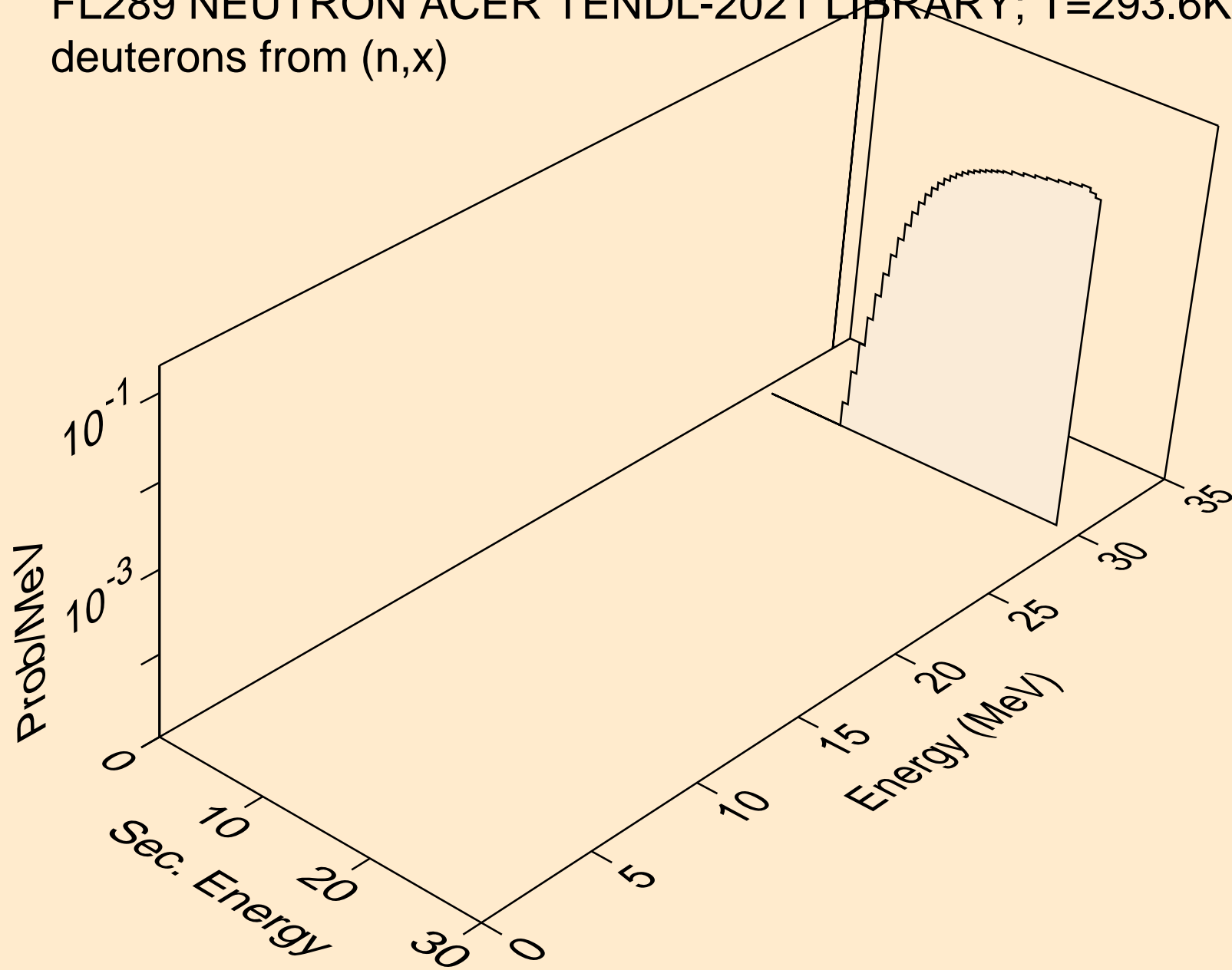
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



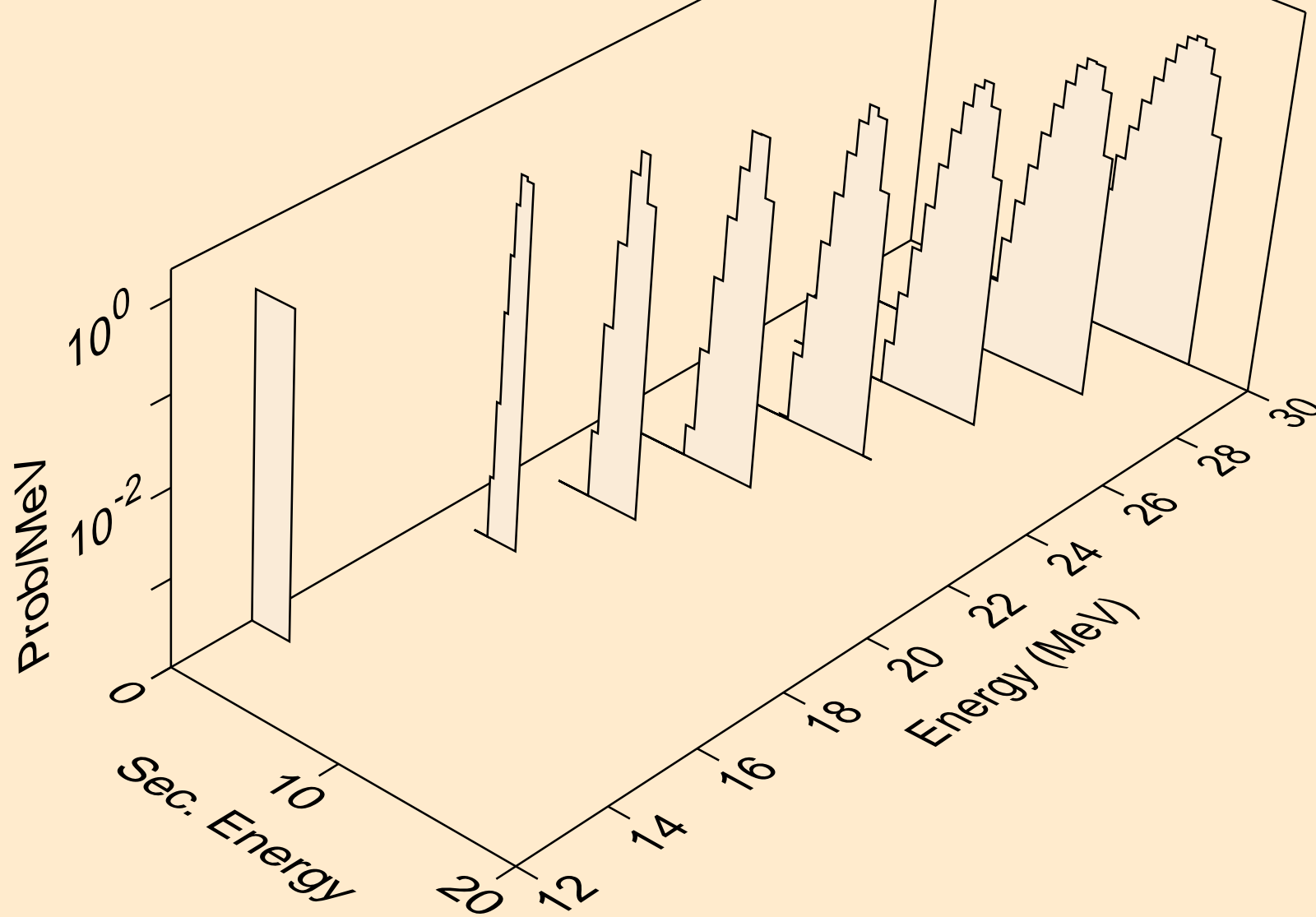
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



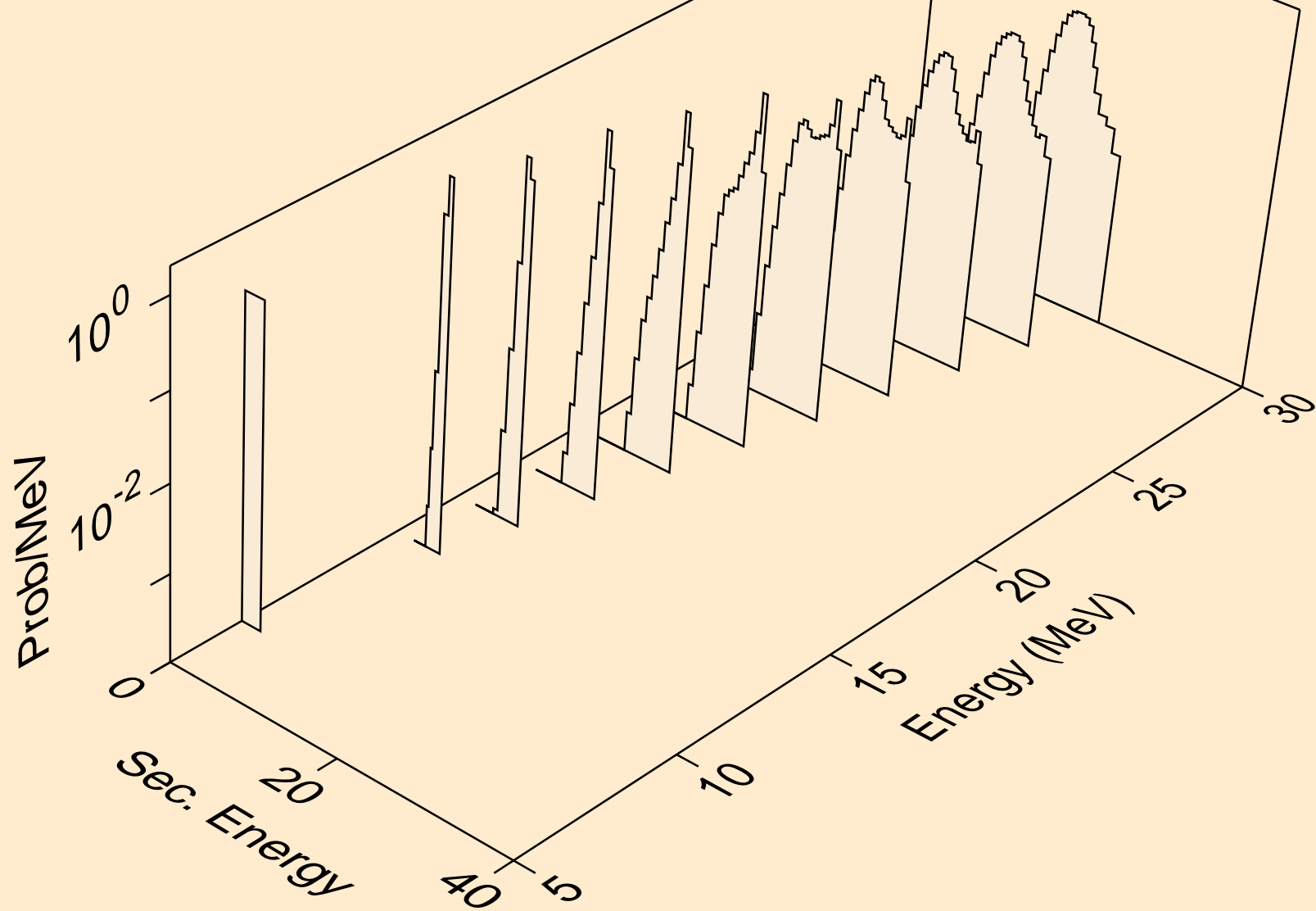
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



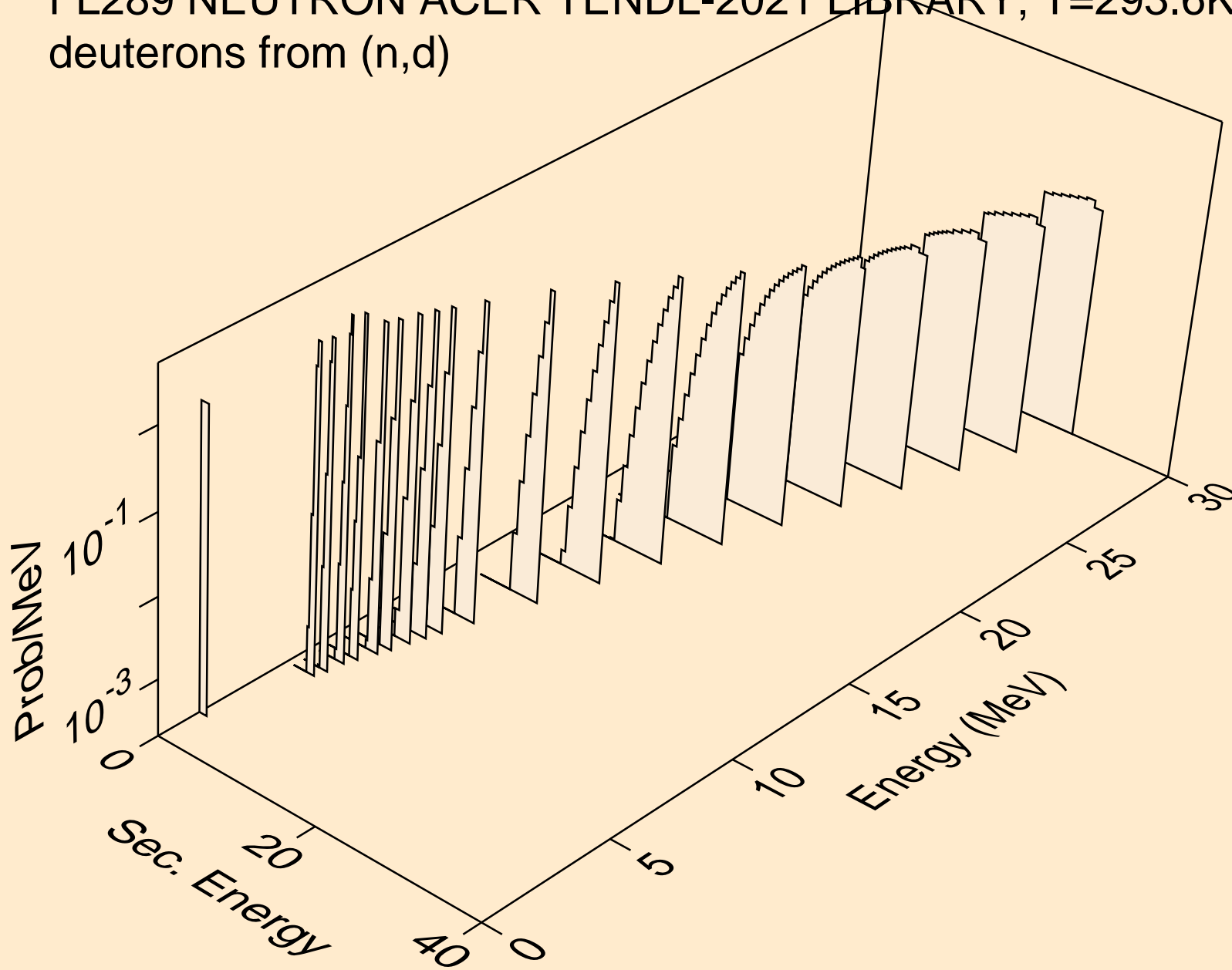
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



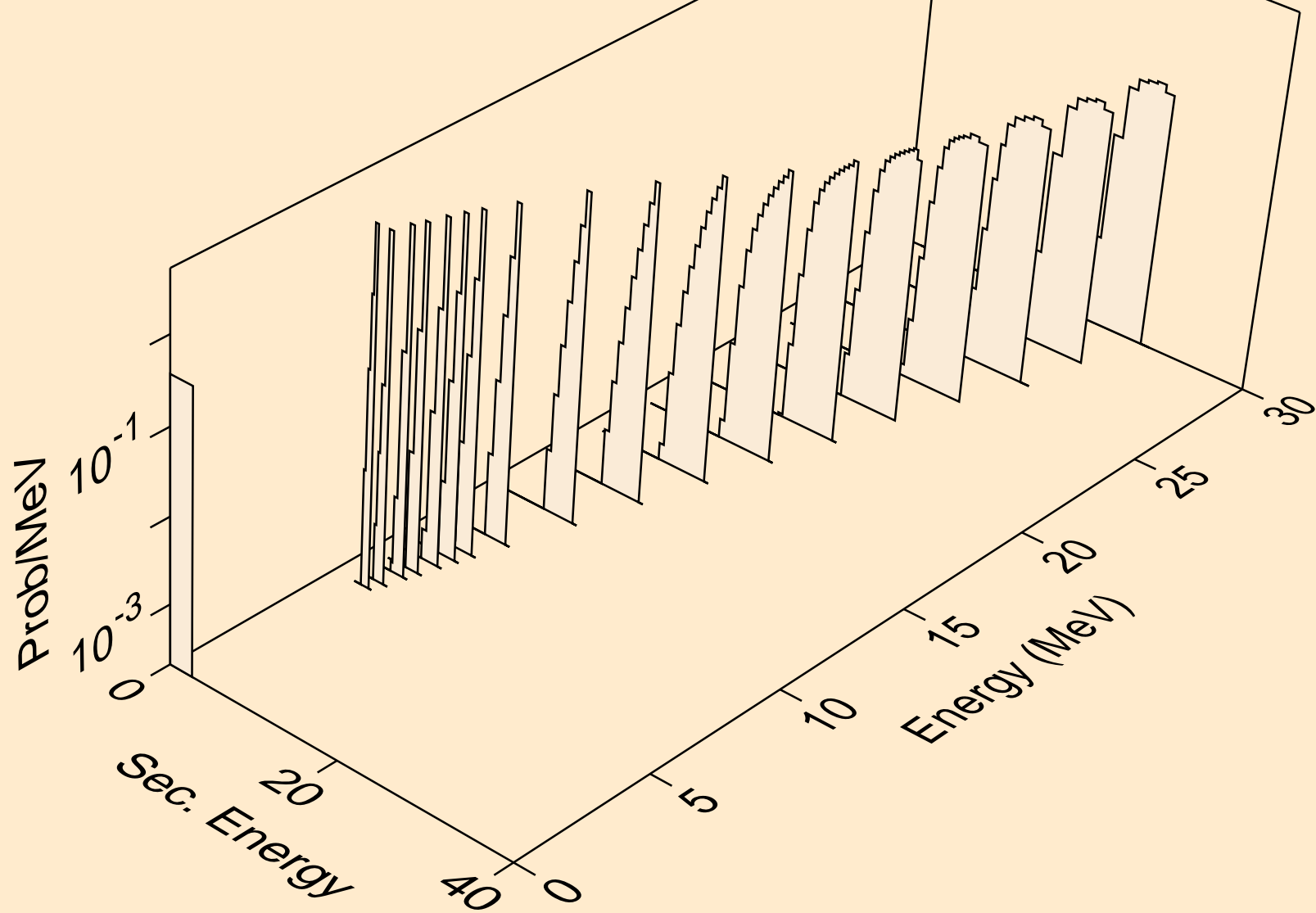
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



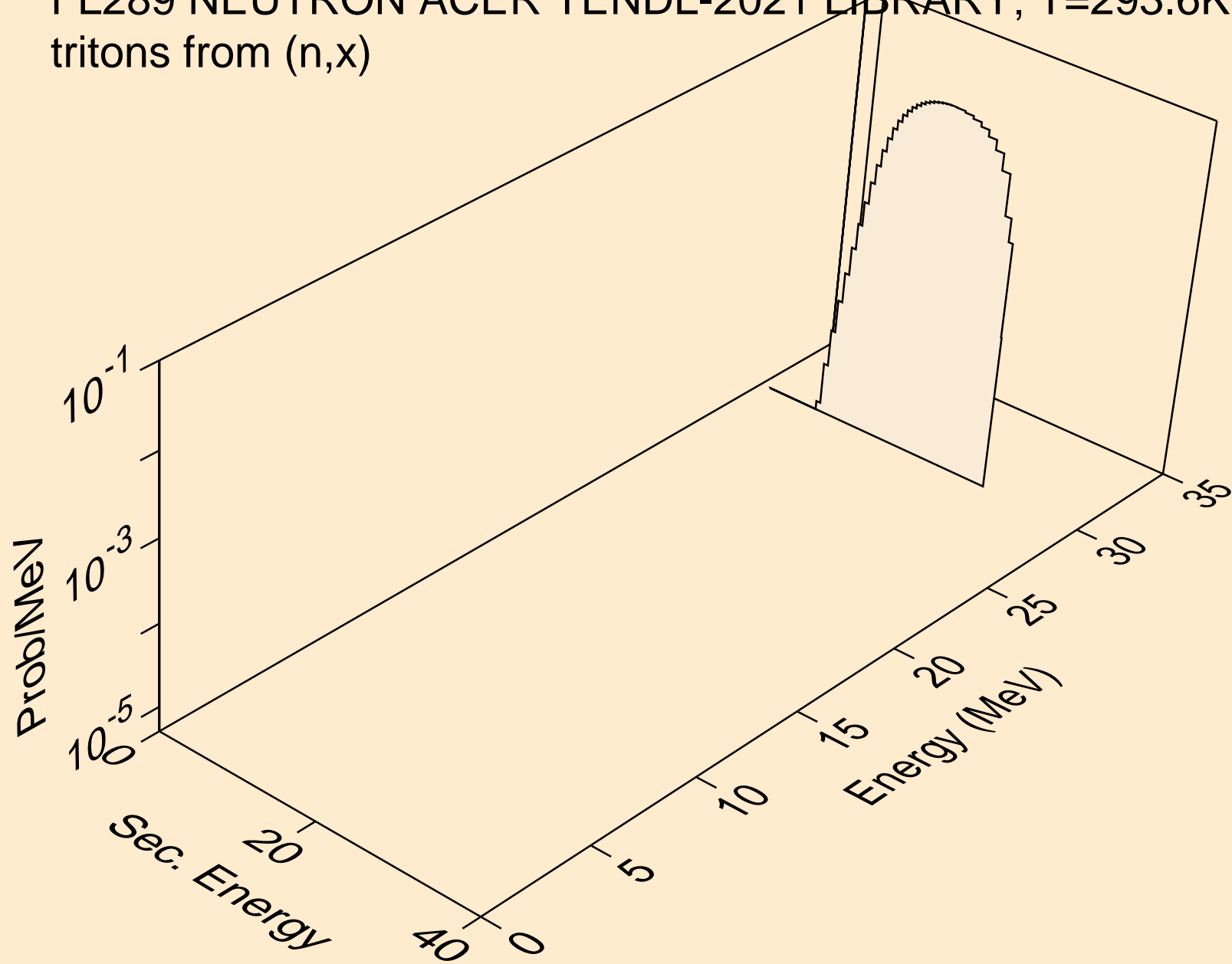
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

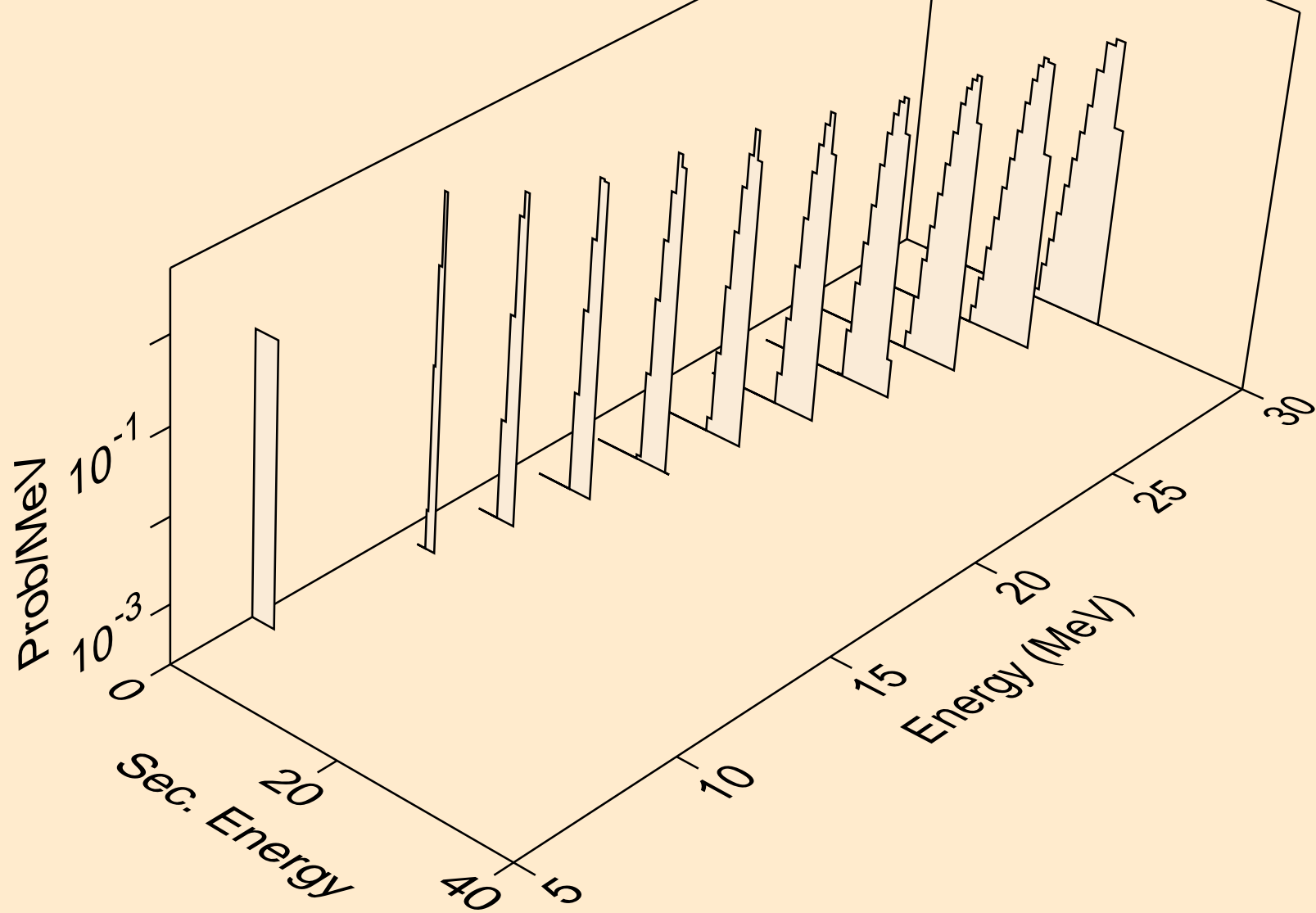


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

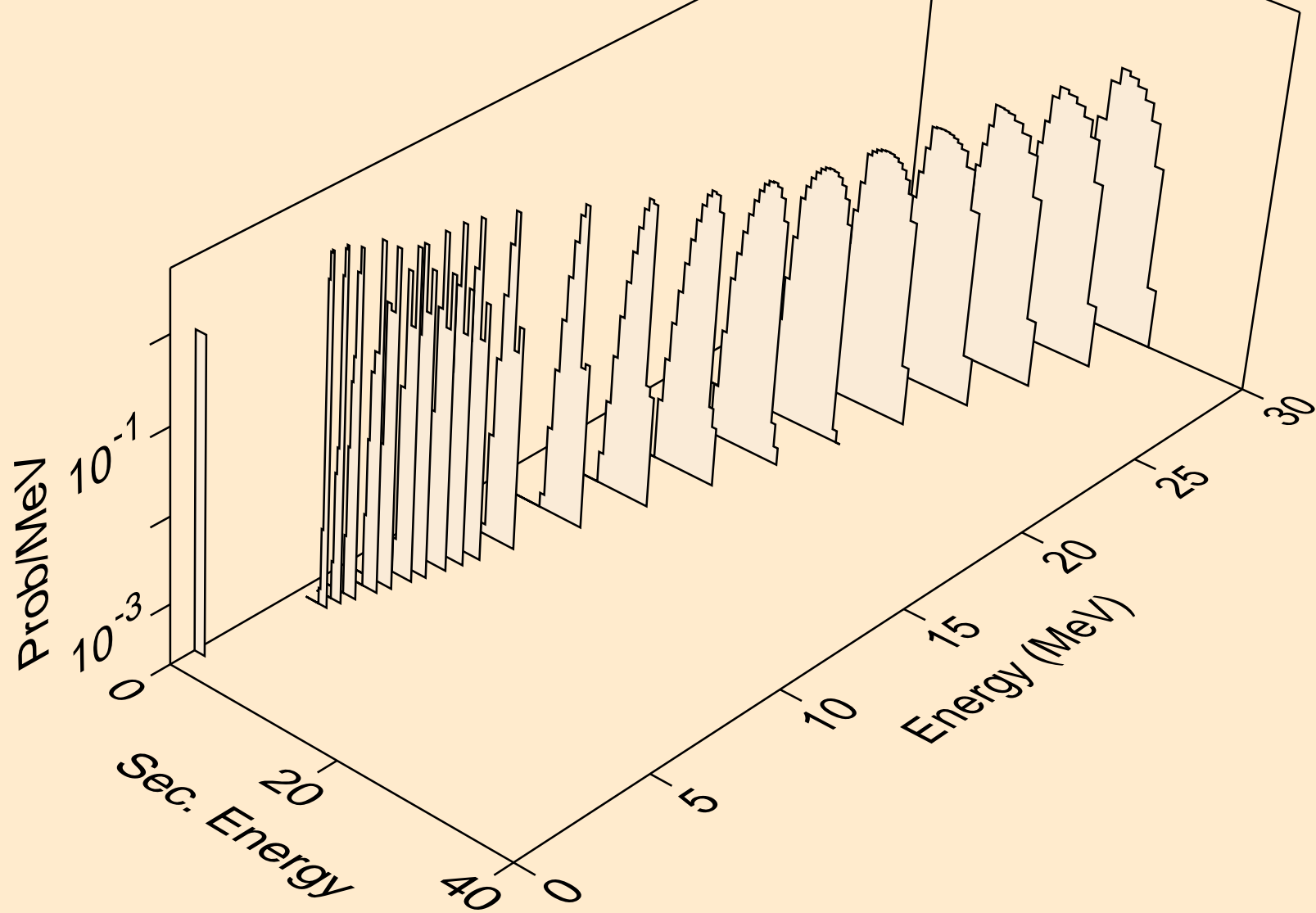




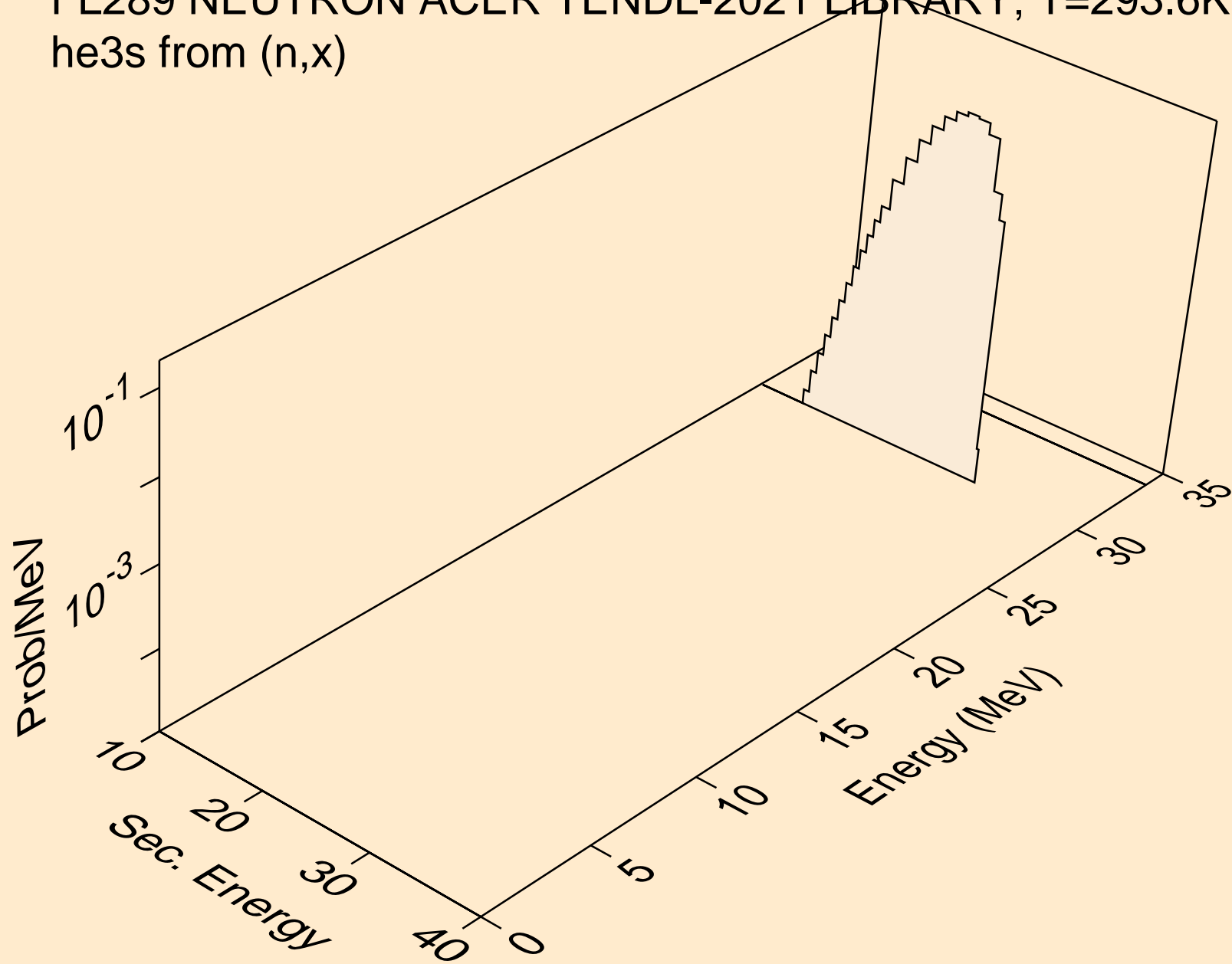
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



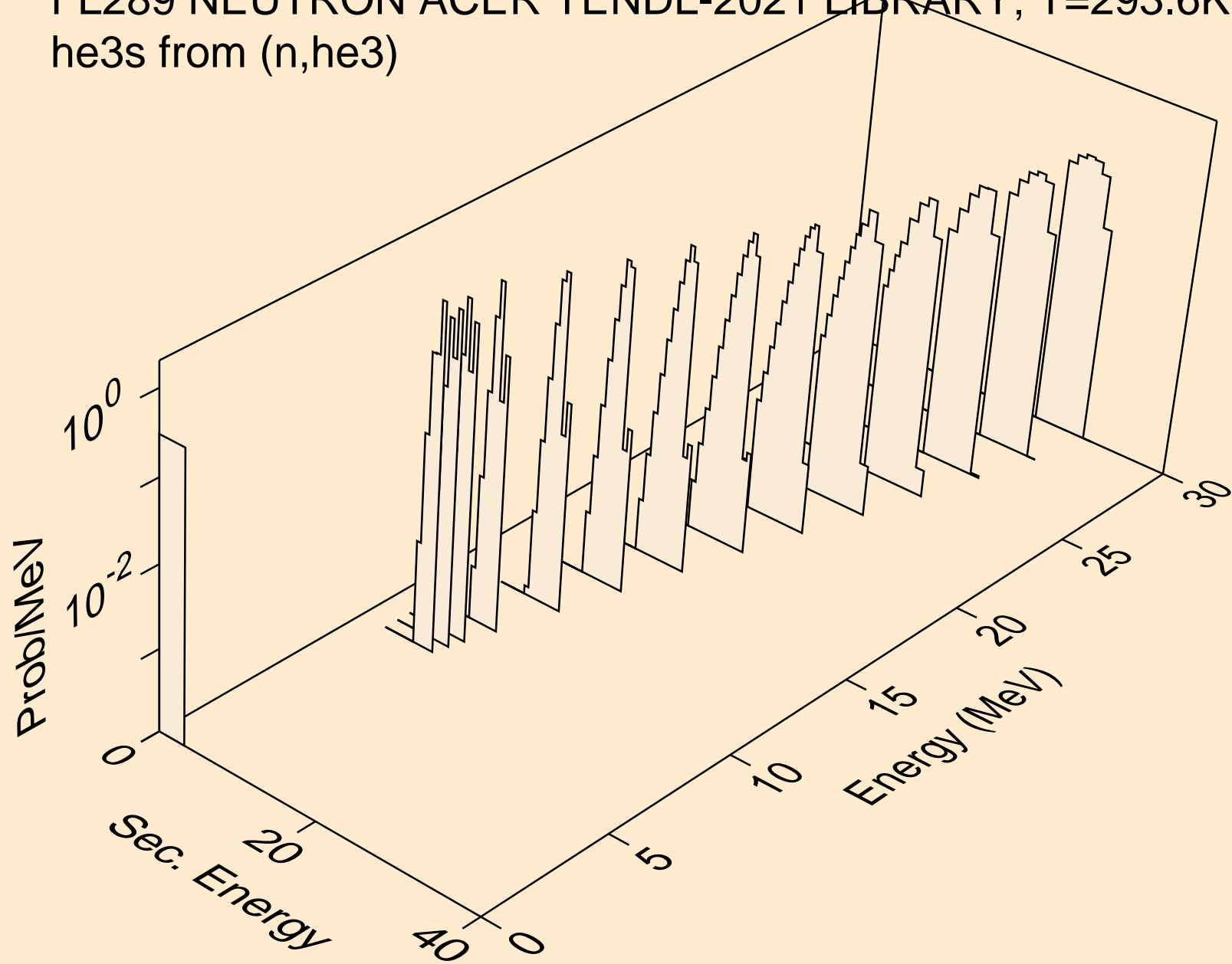
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tritons from (n,t)



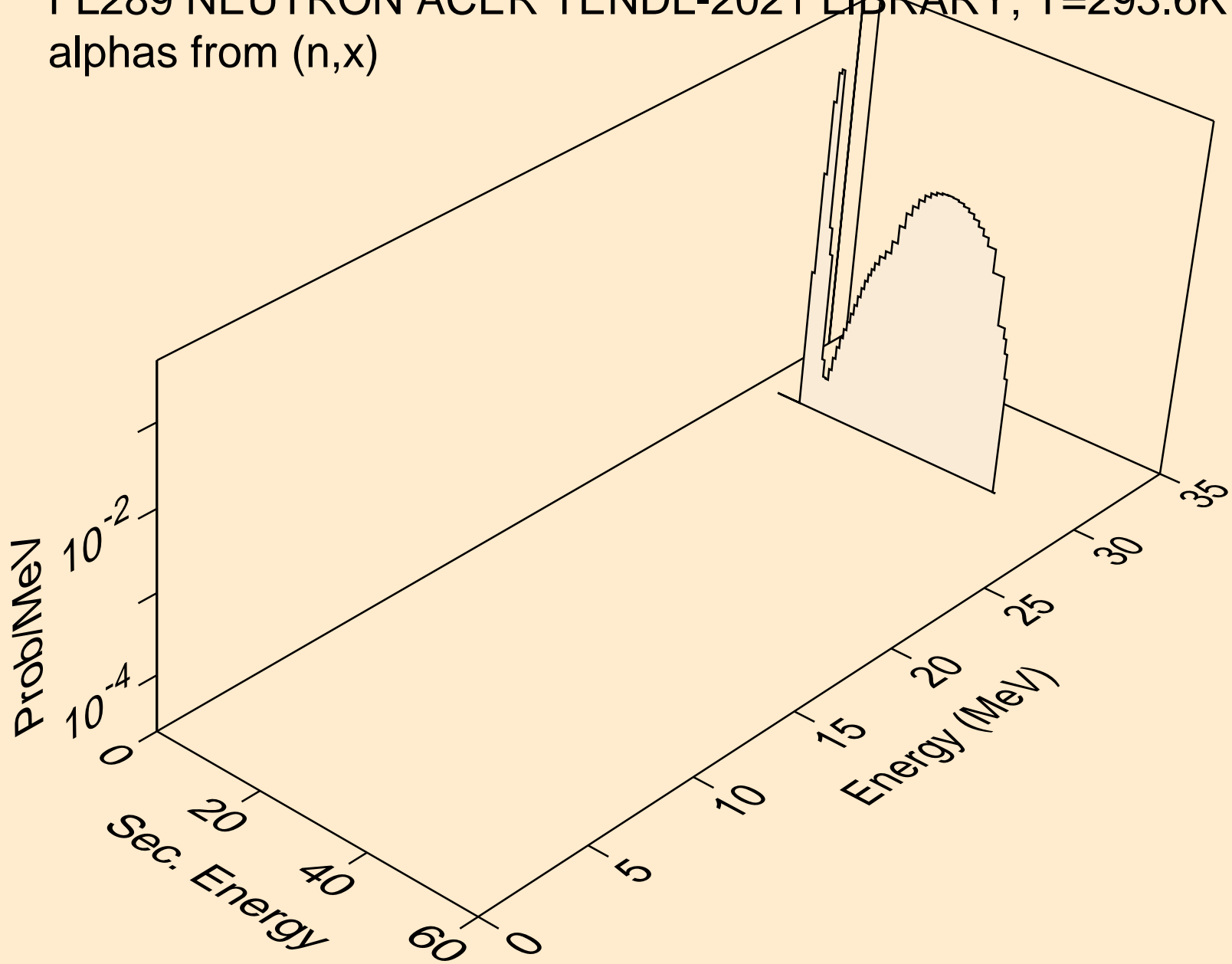
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



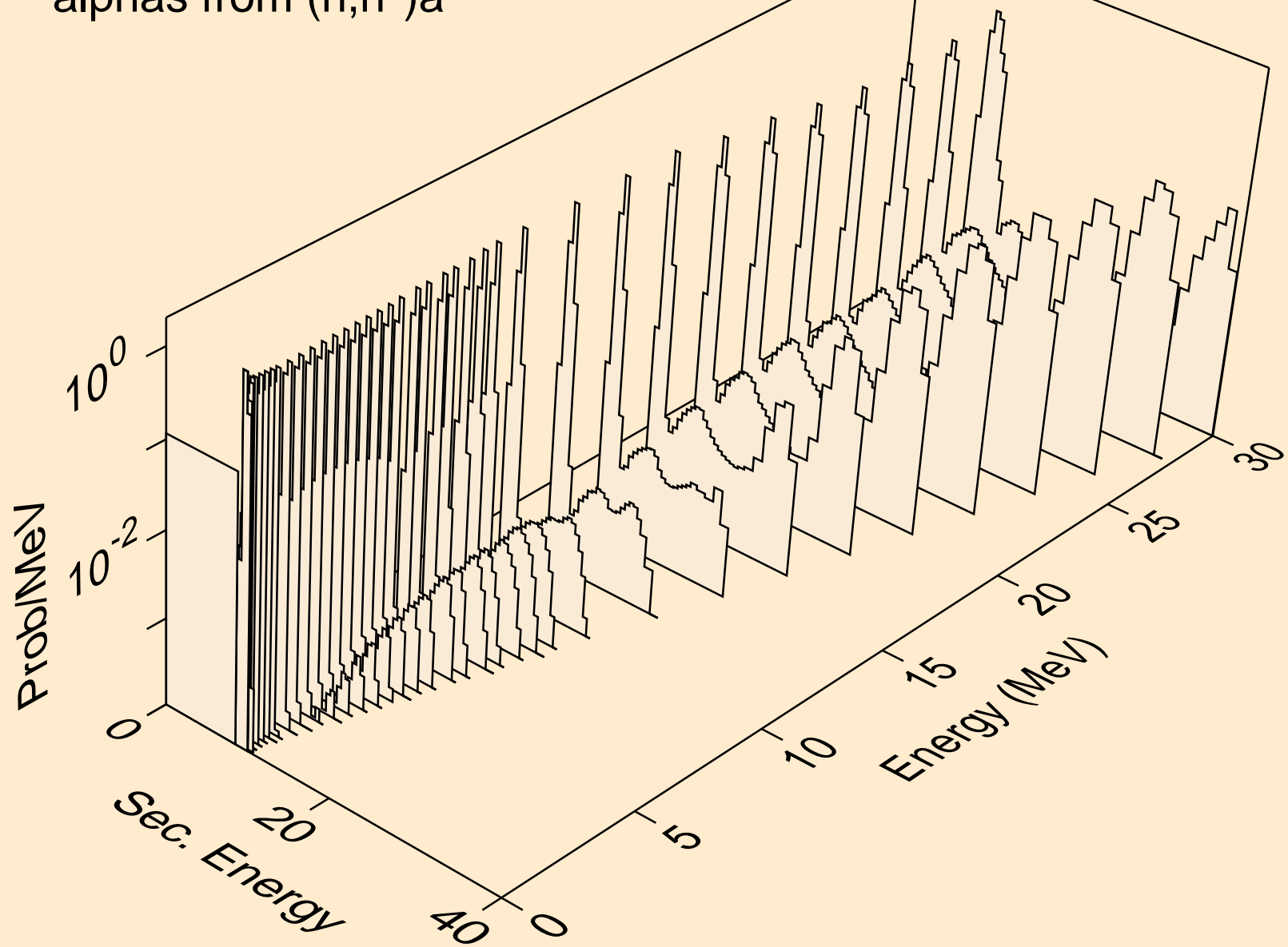
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he3s from (n,he3)



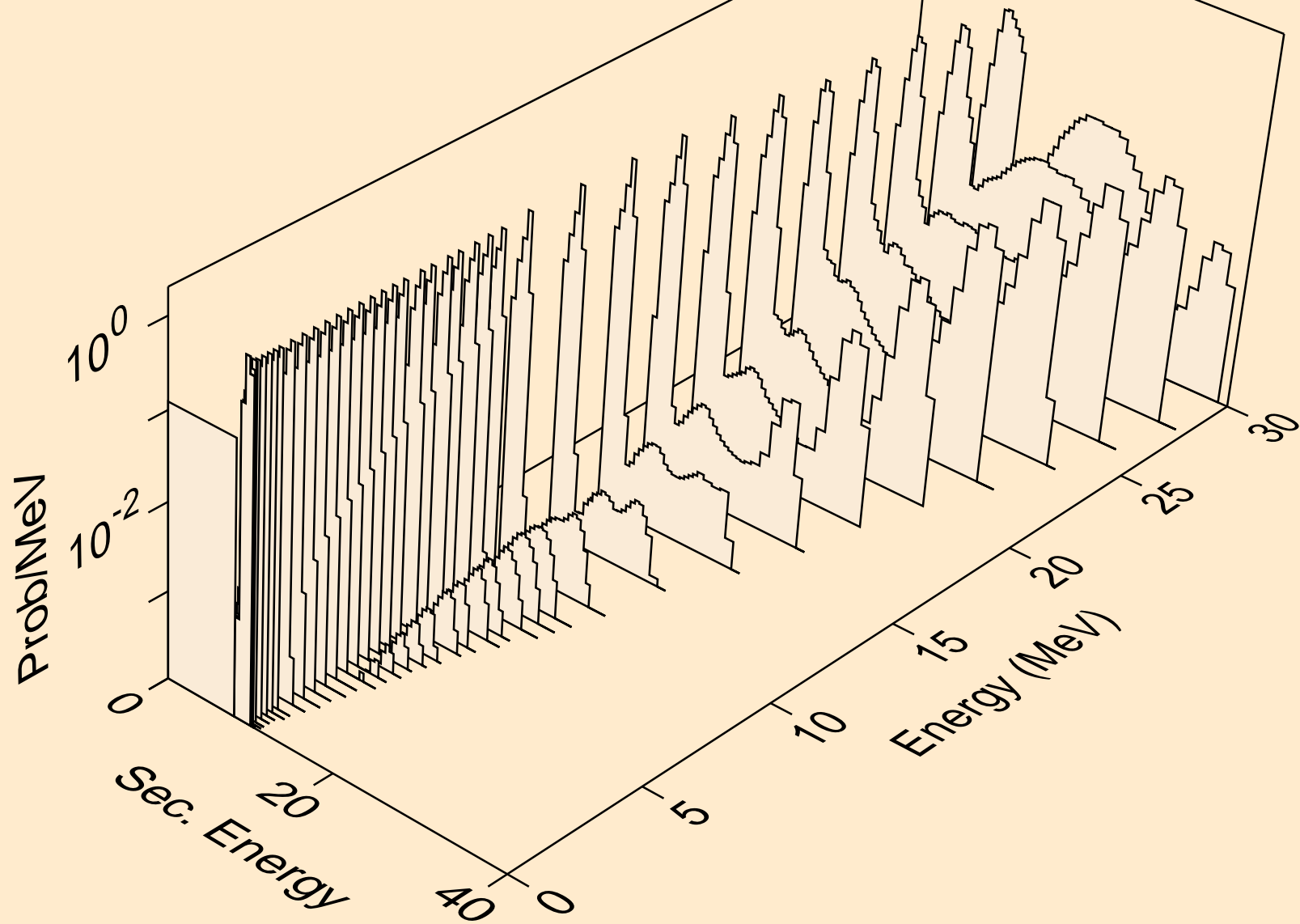
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



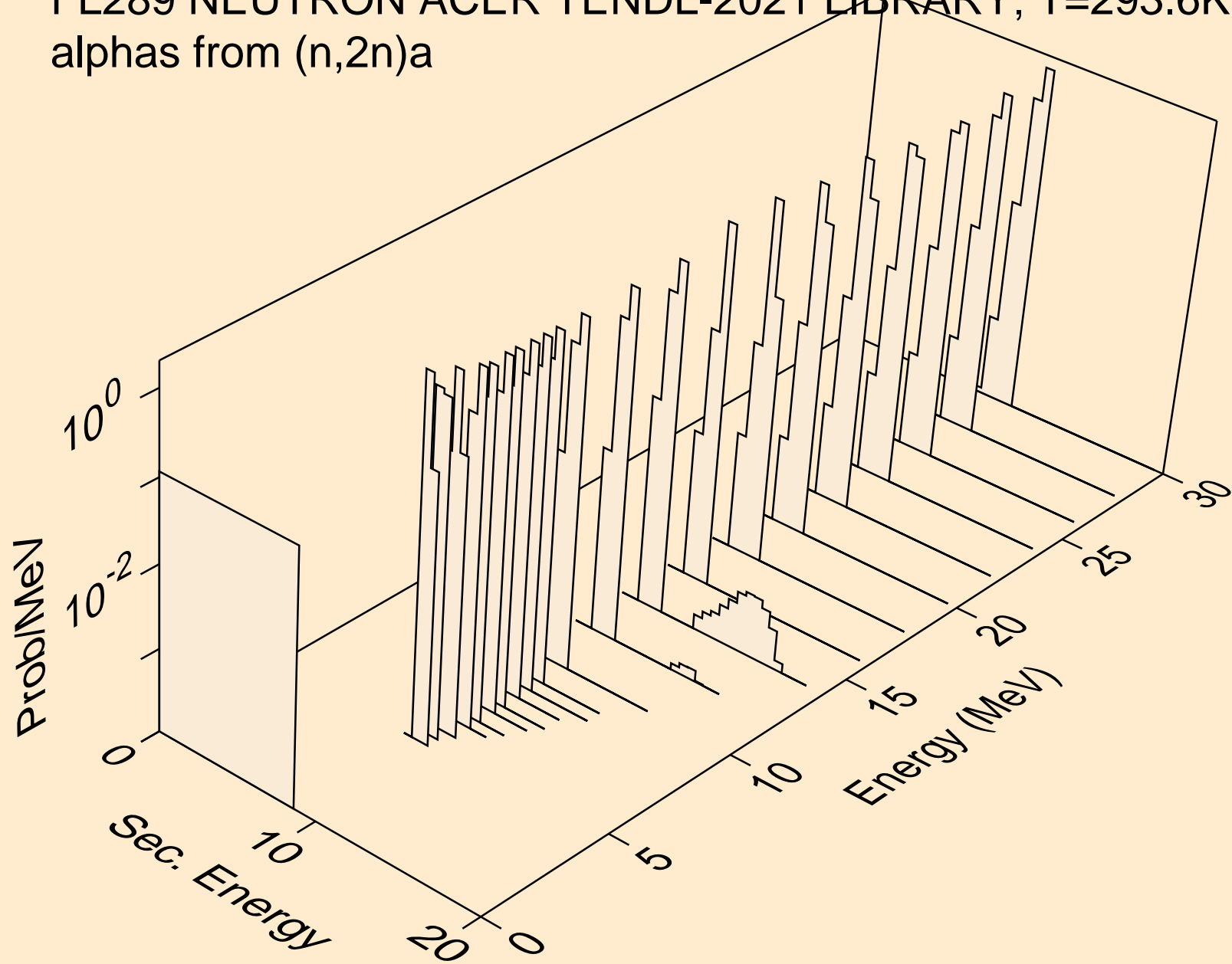
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)3a

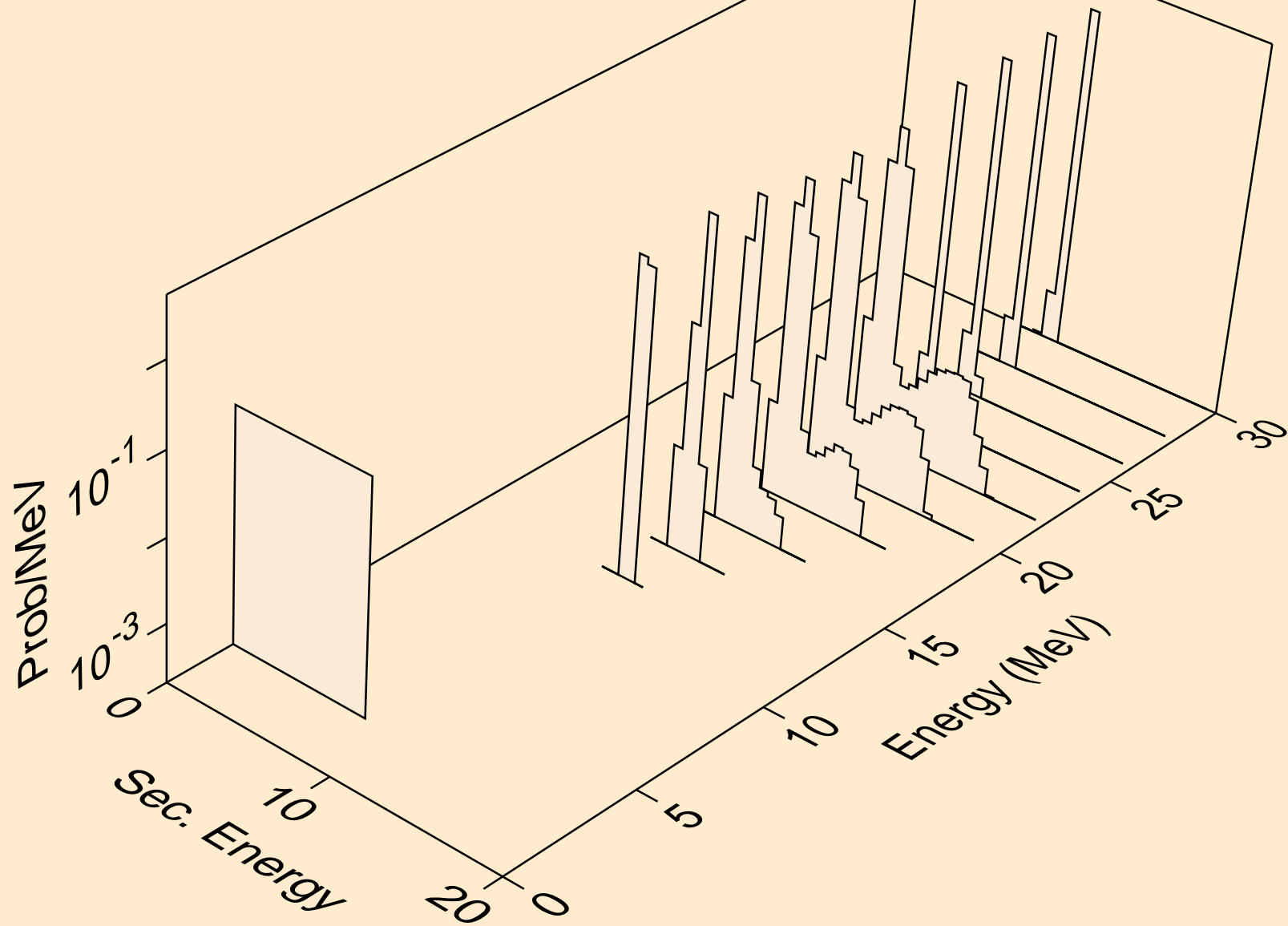


FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

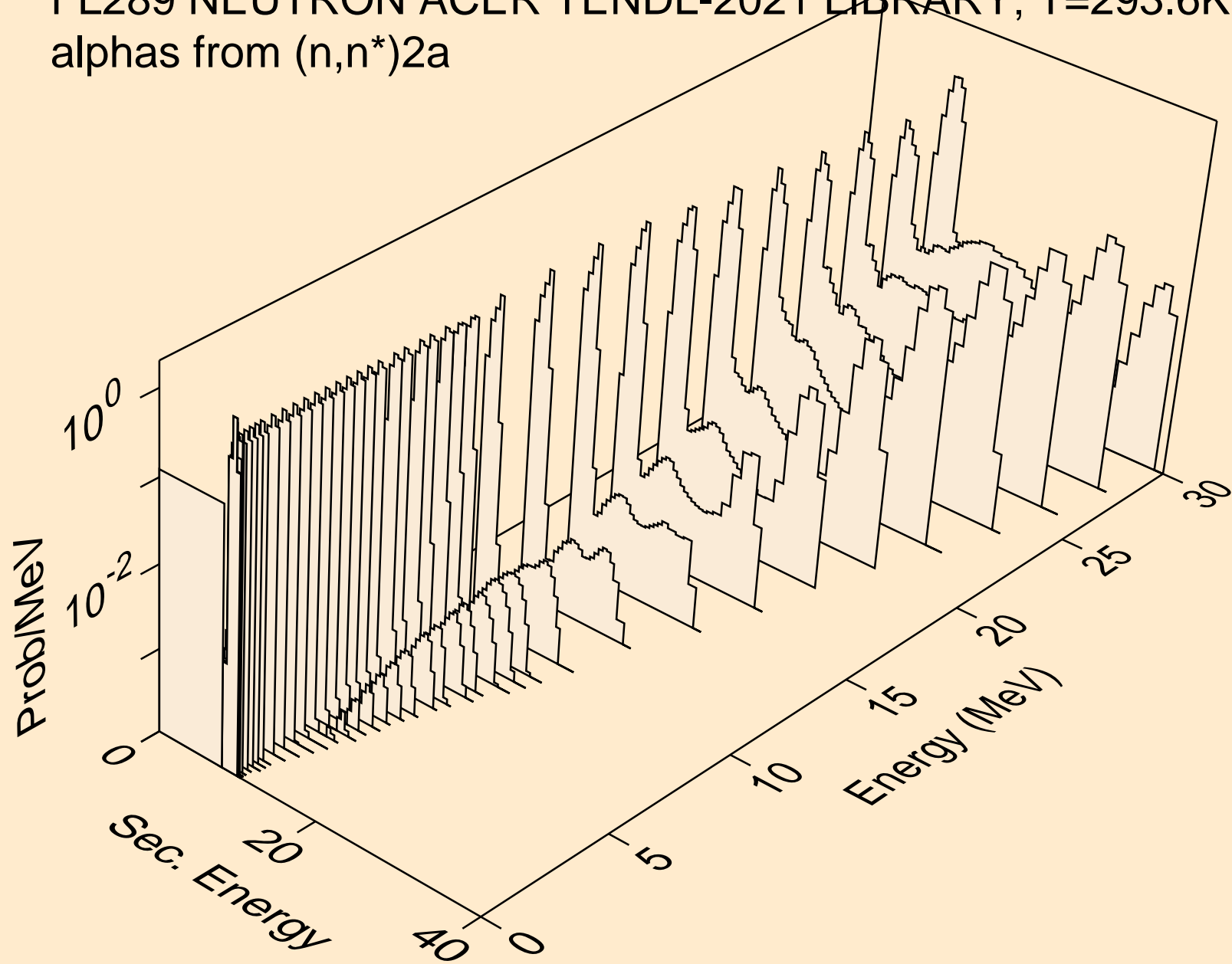




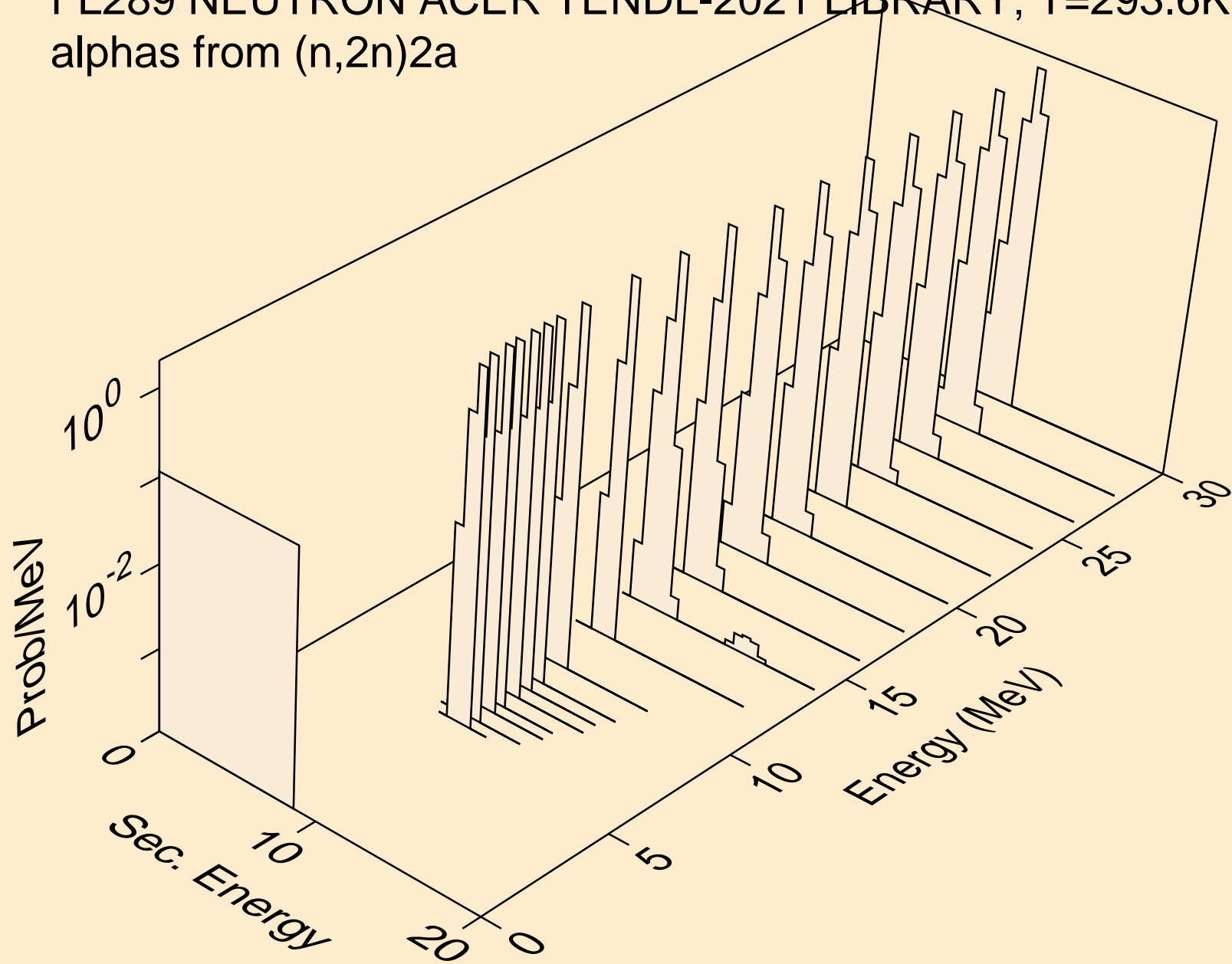
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



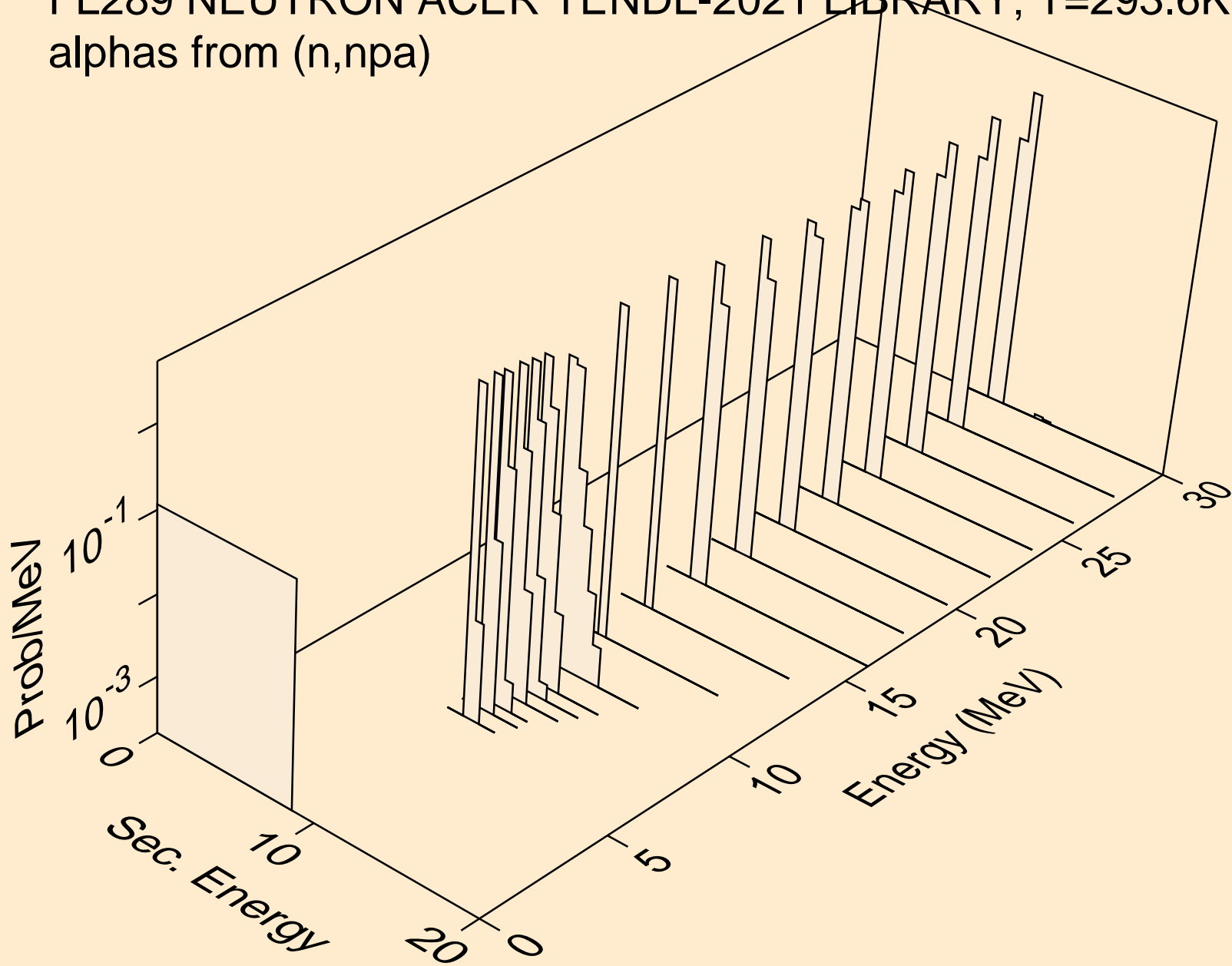
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



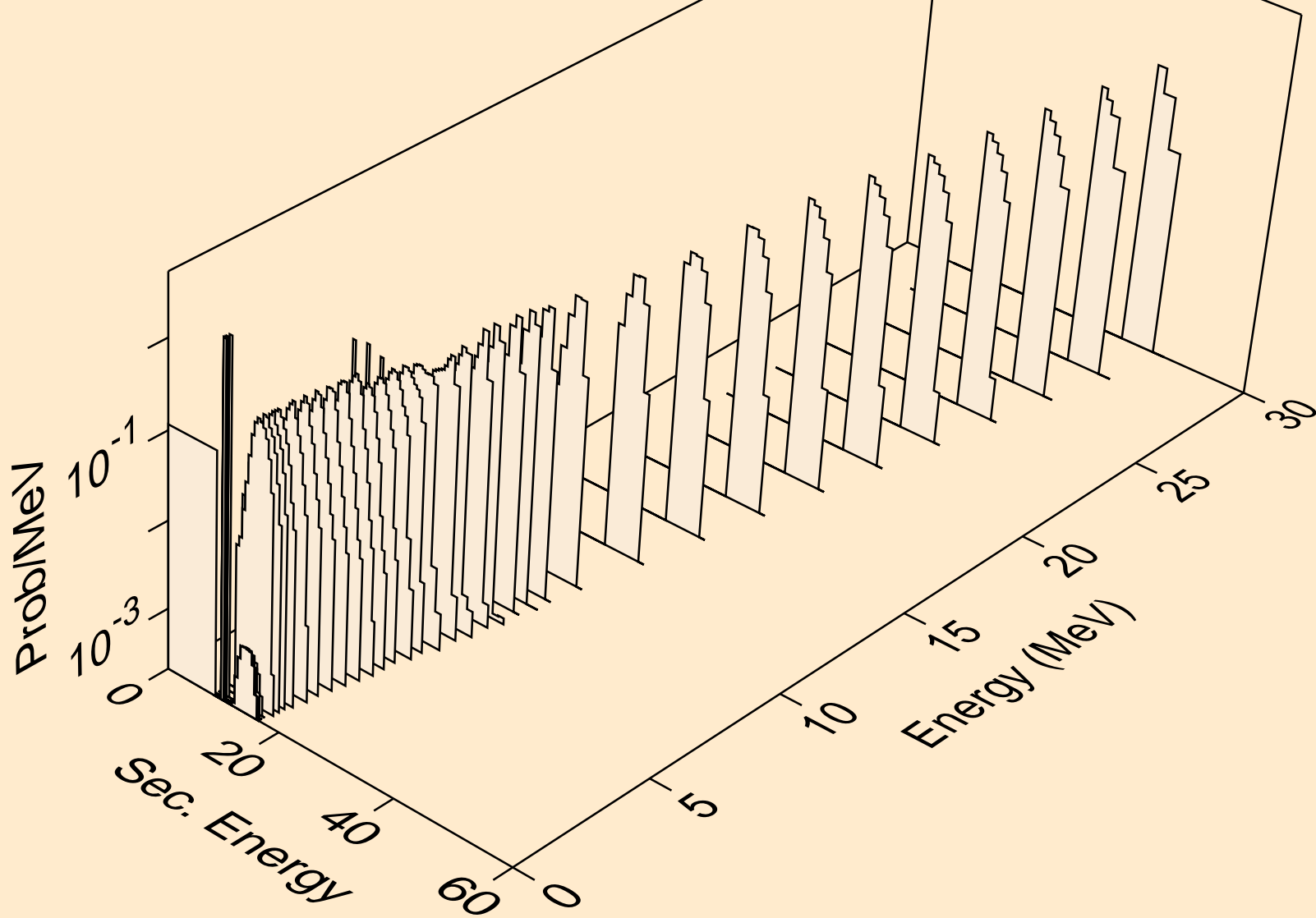
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



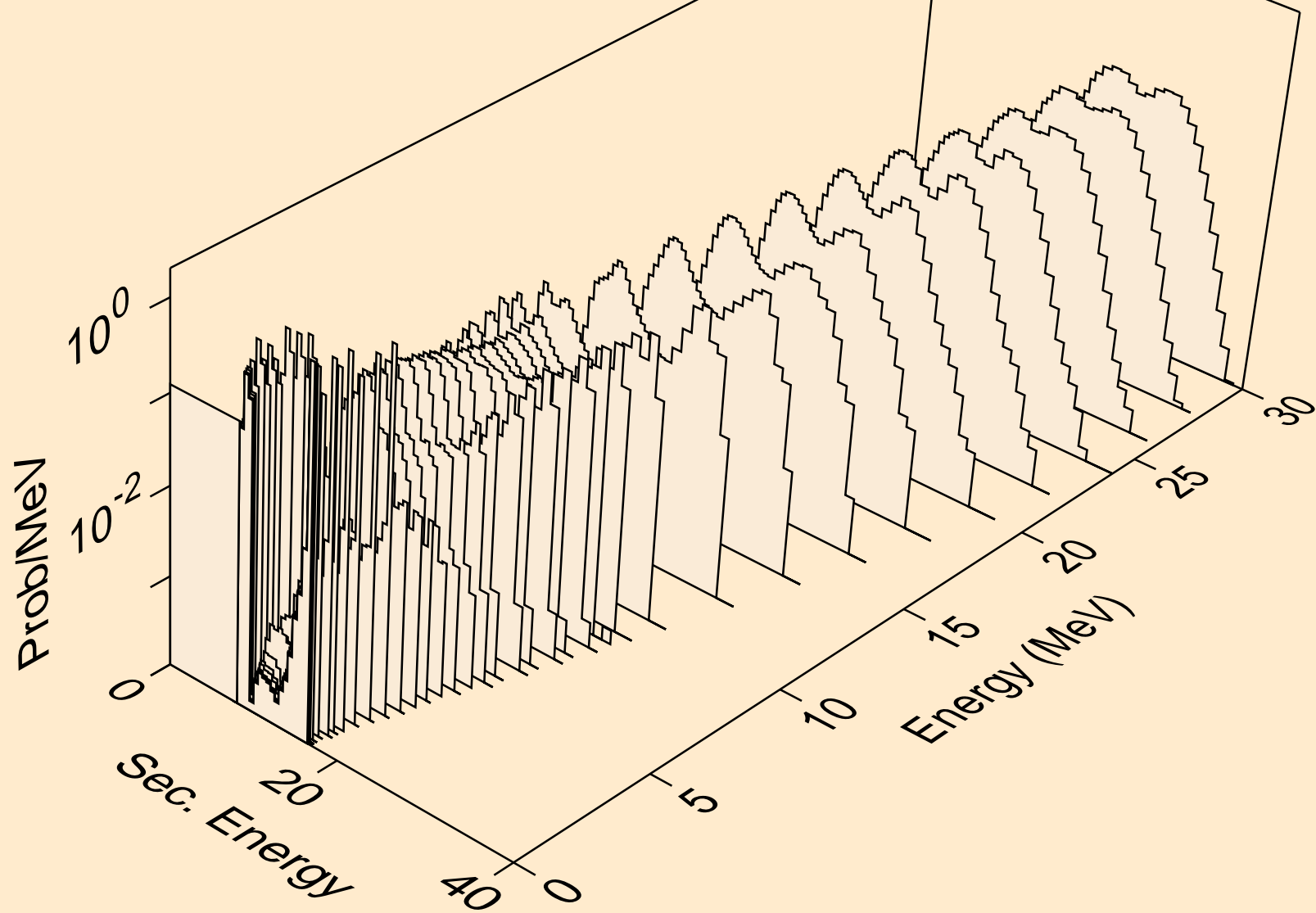
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



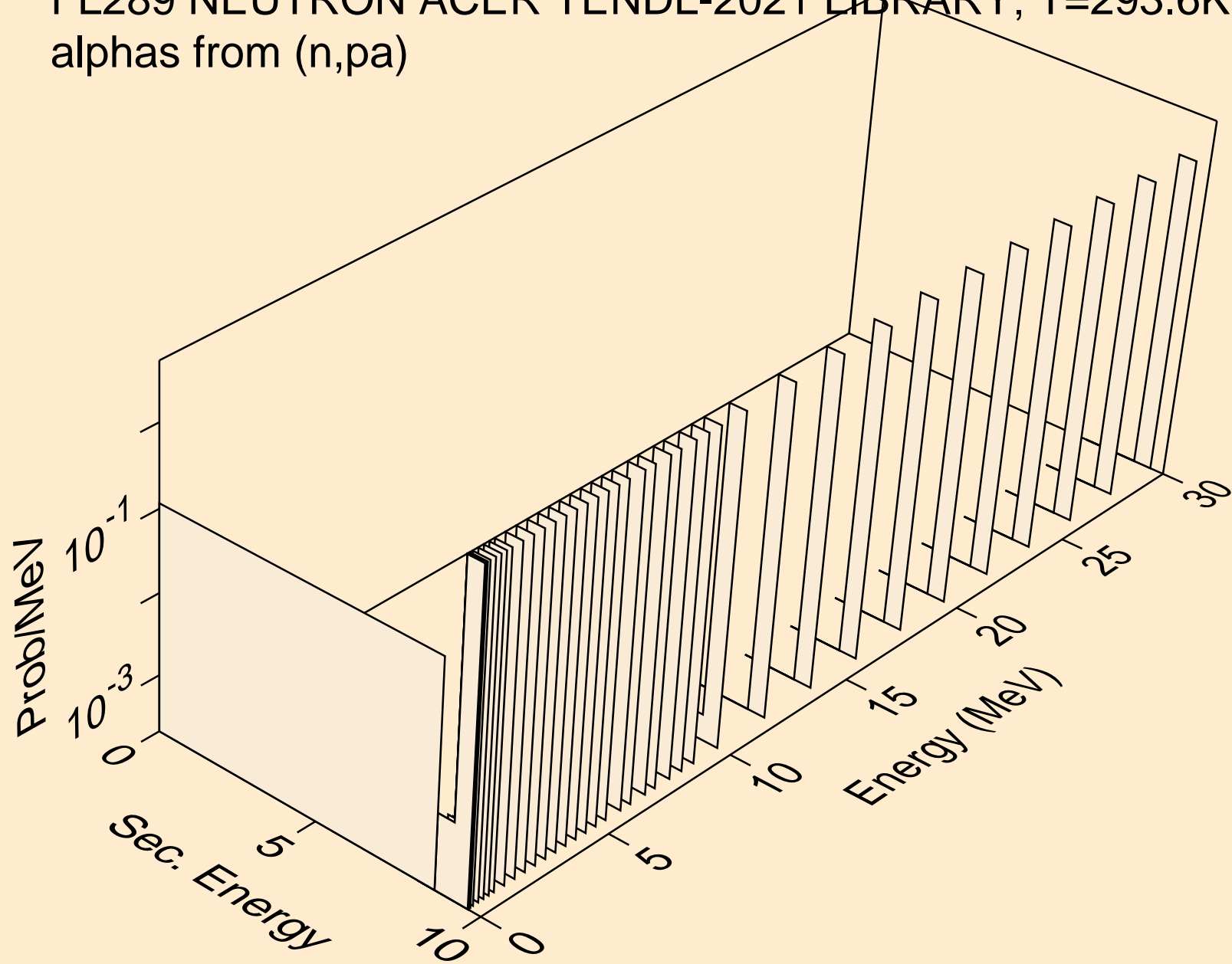
FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



FL289 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

