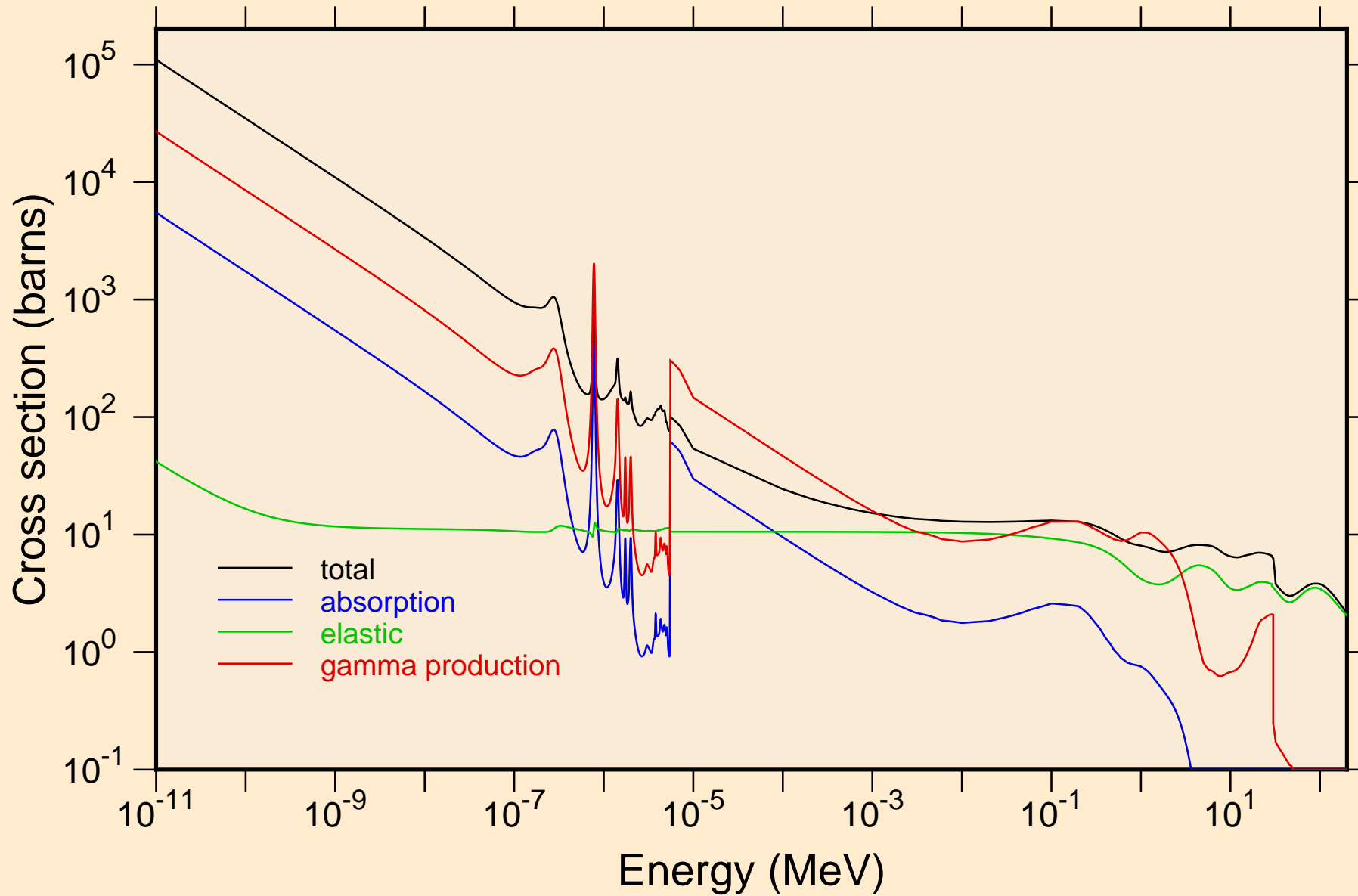
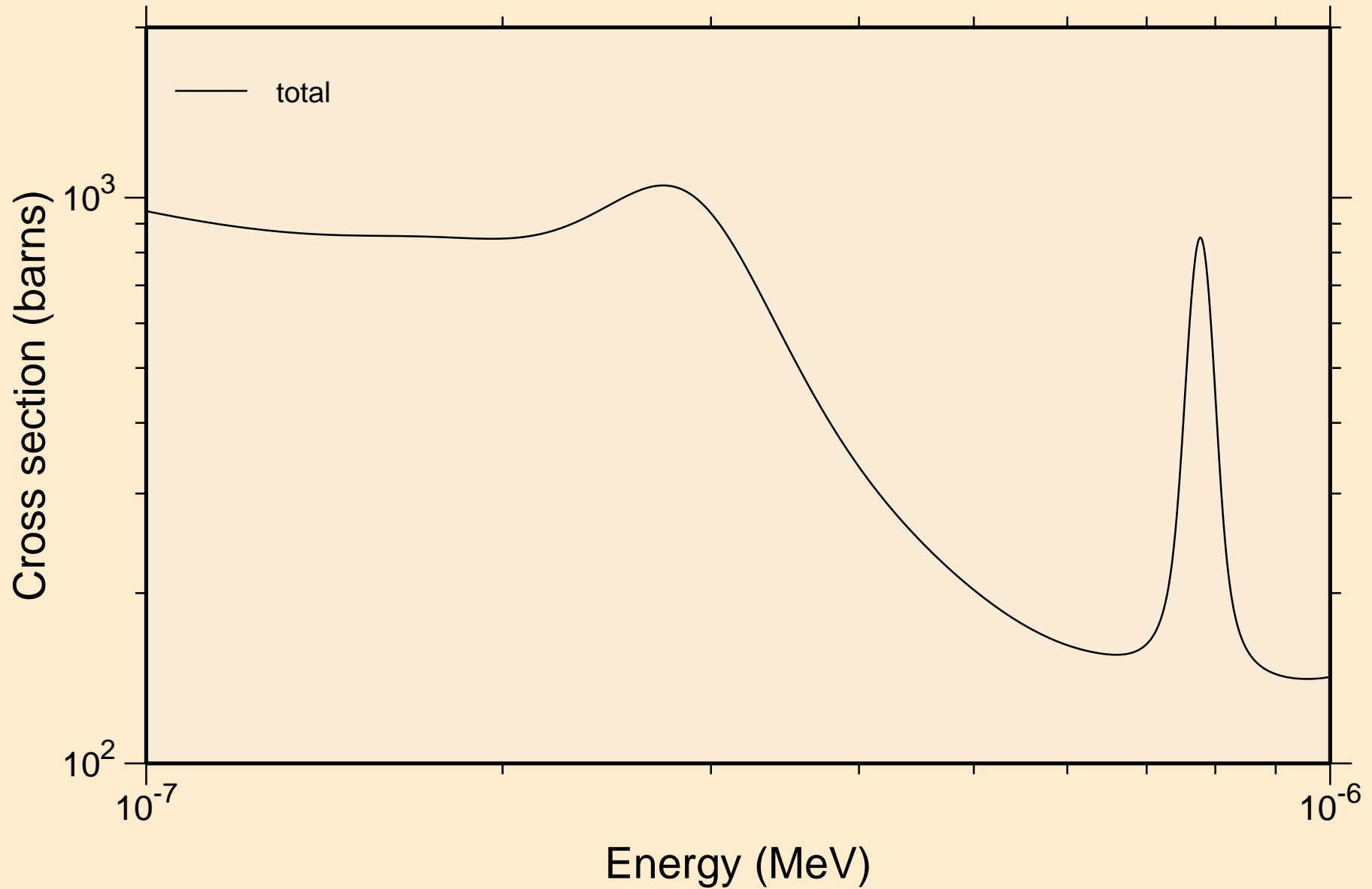


# MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

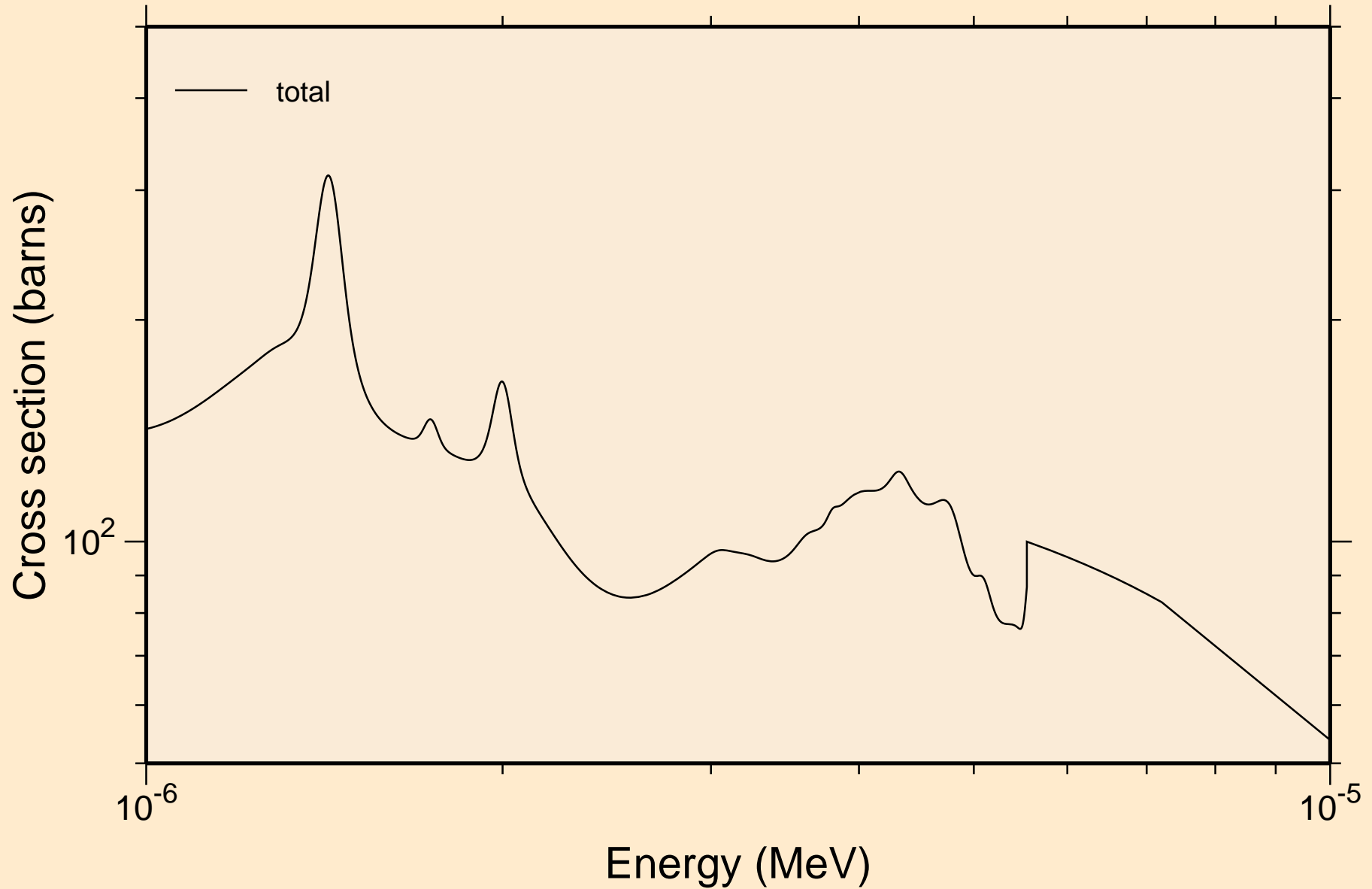
## Principal cross sections



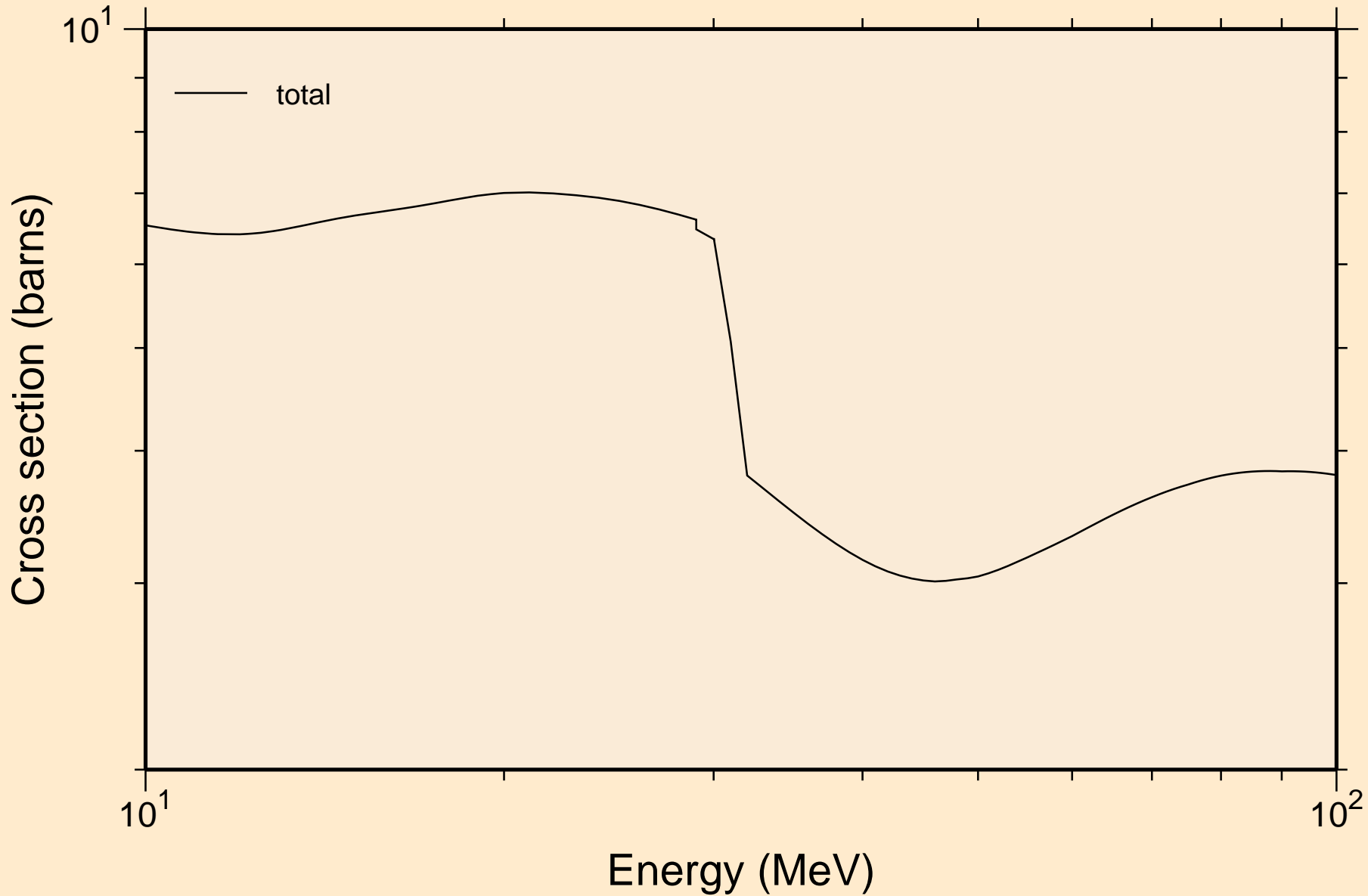
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



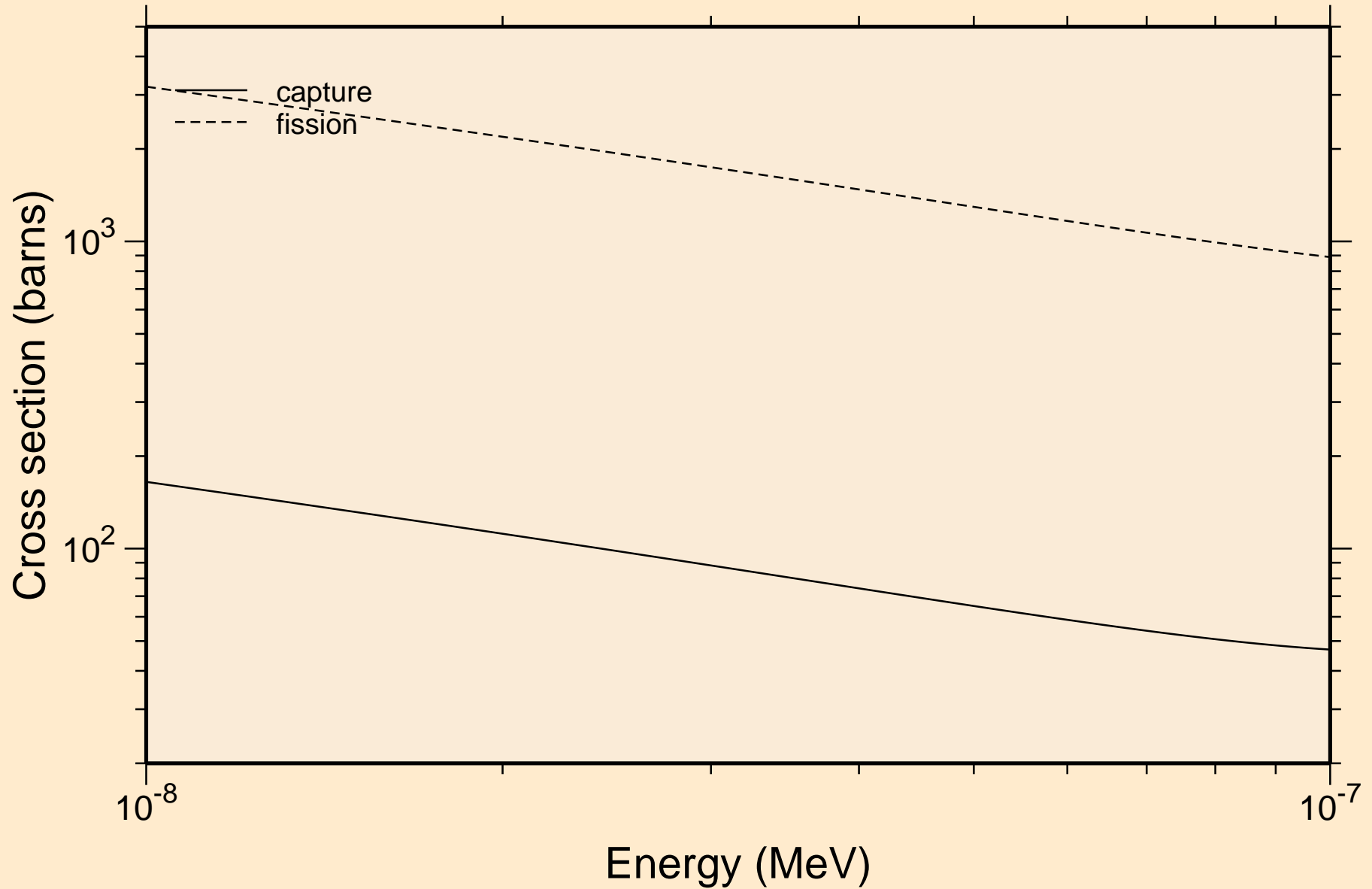
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



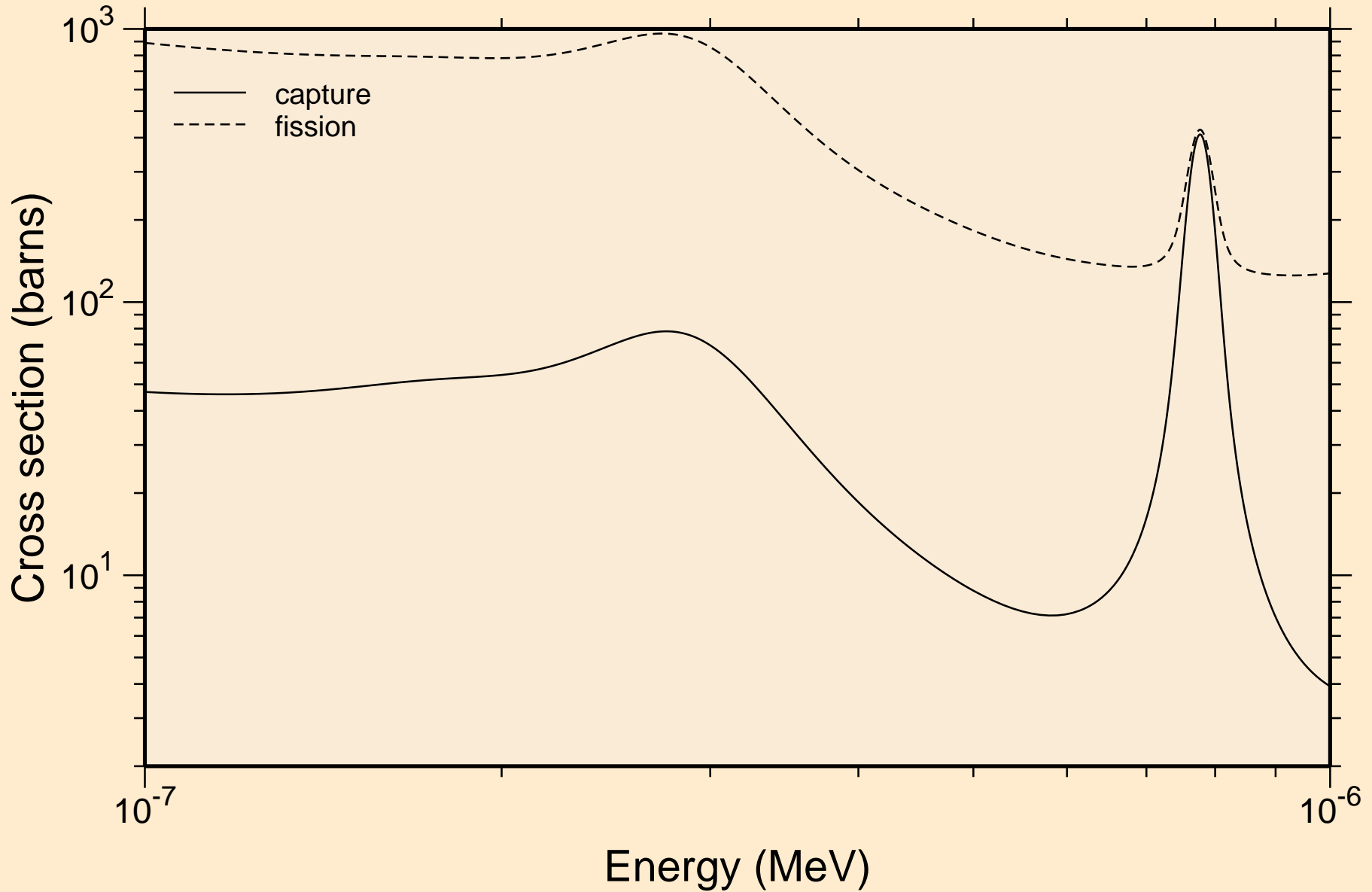
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



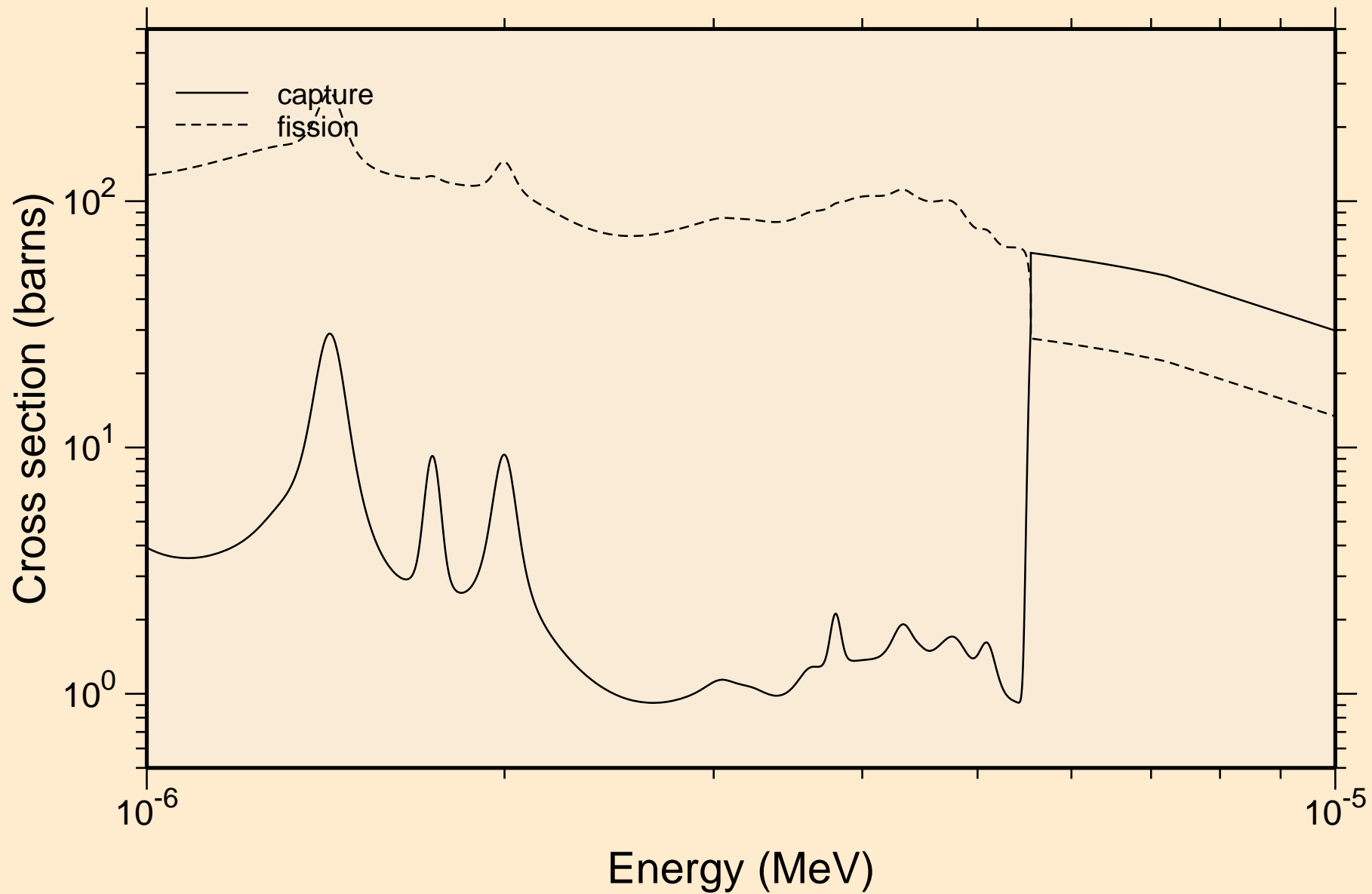
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



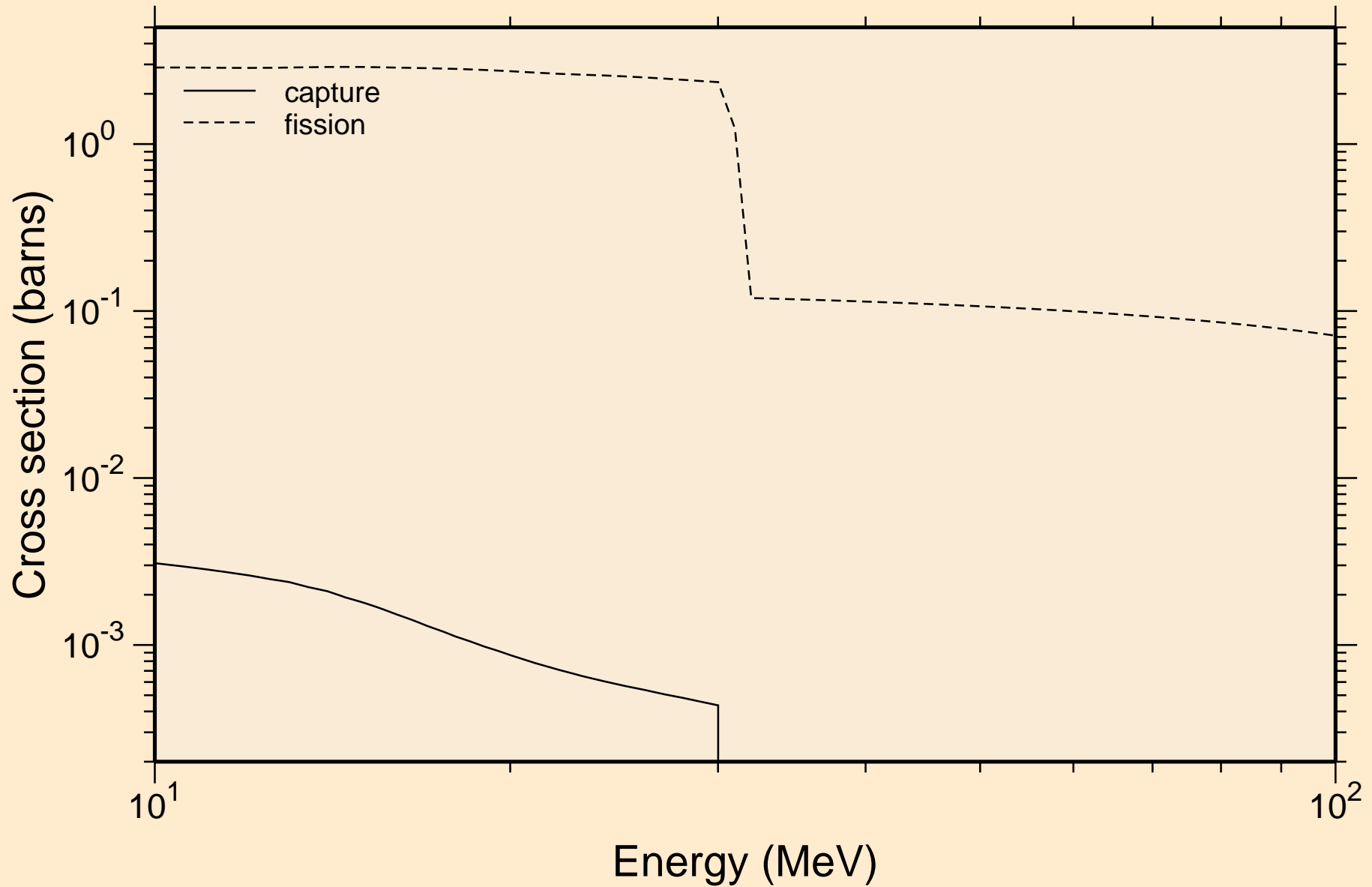
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

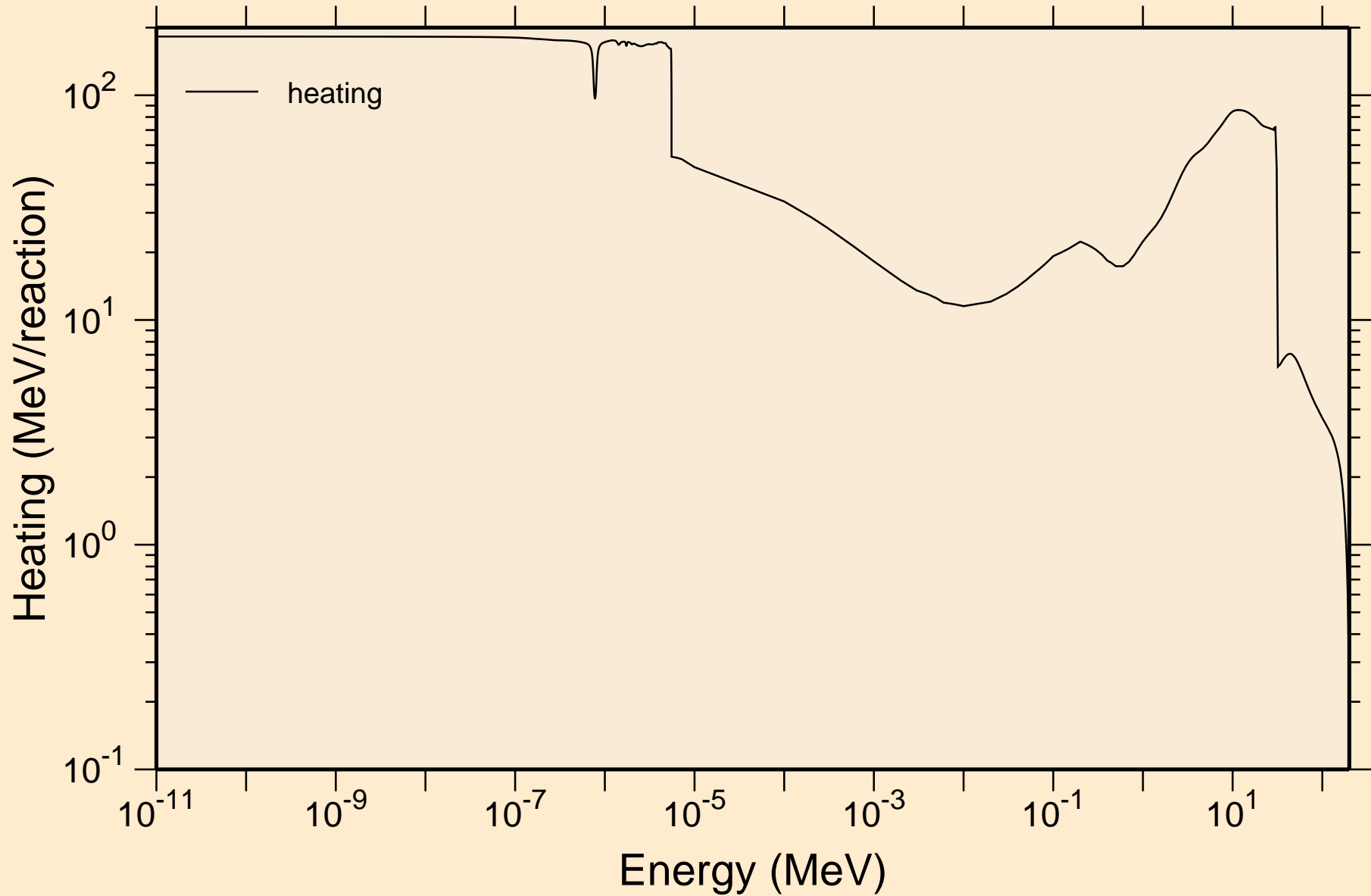


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

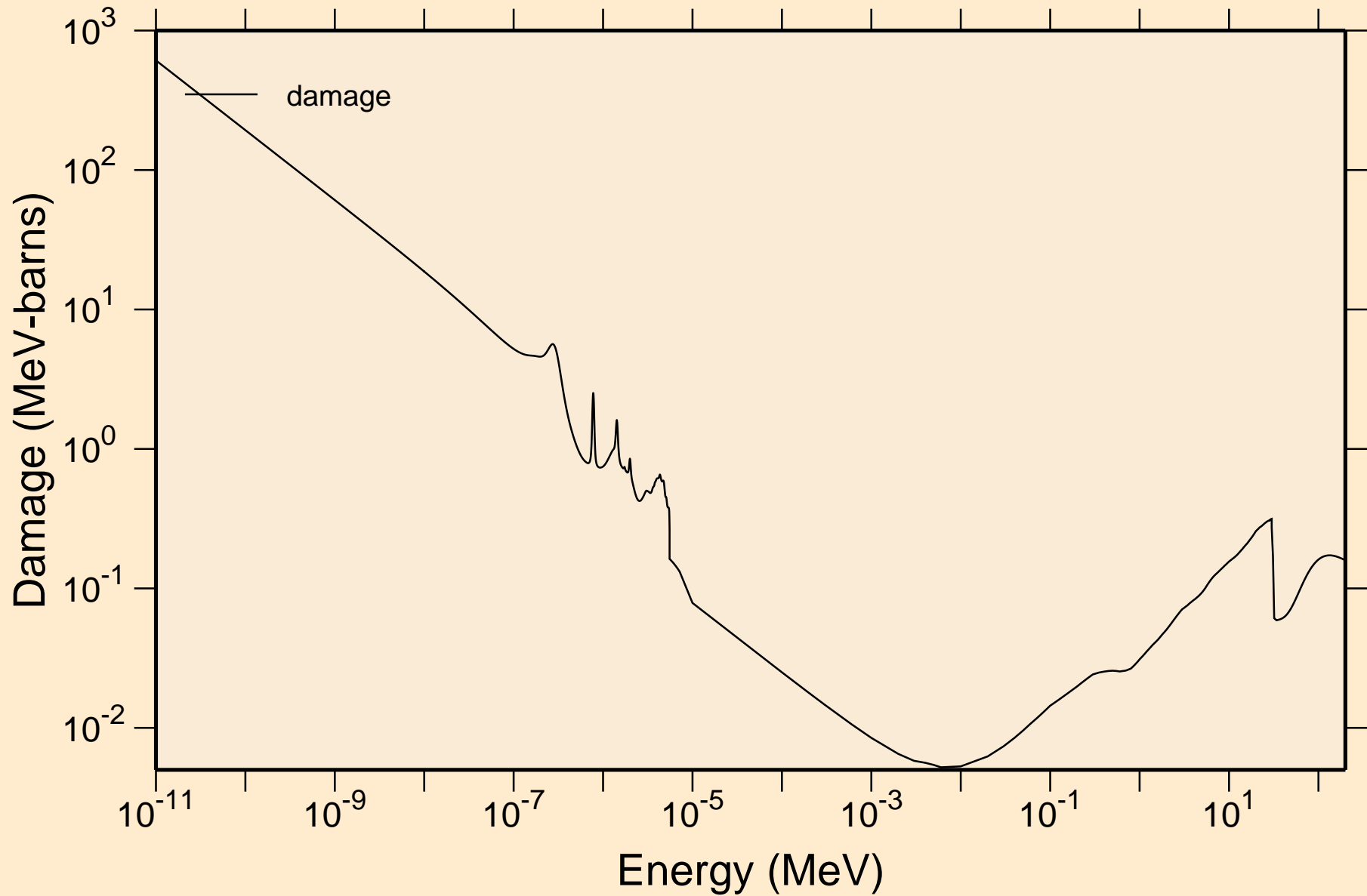




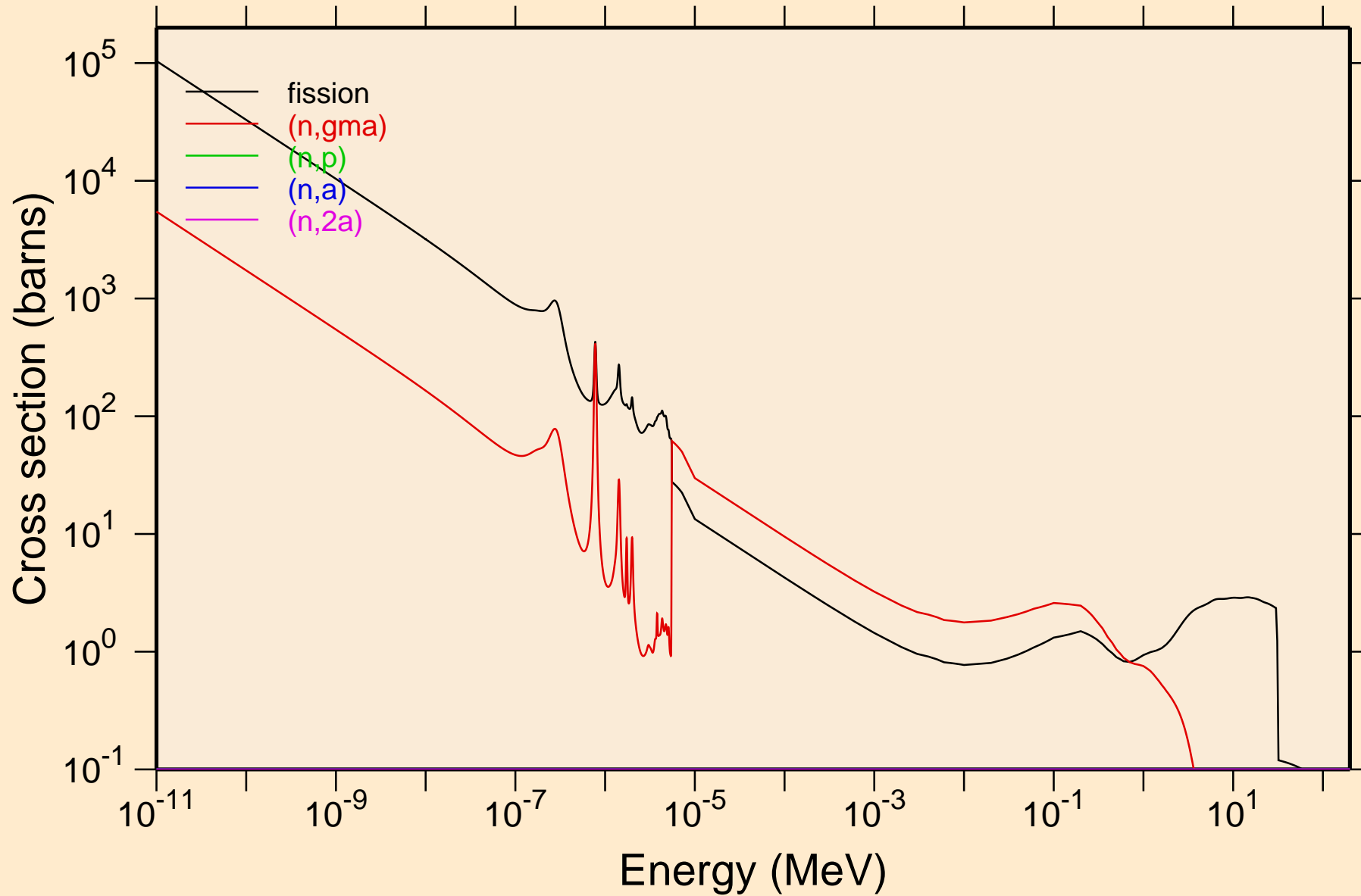
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



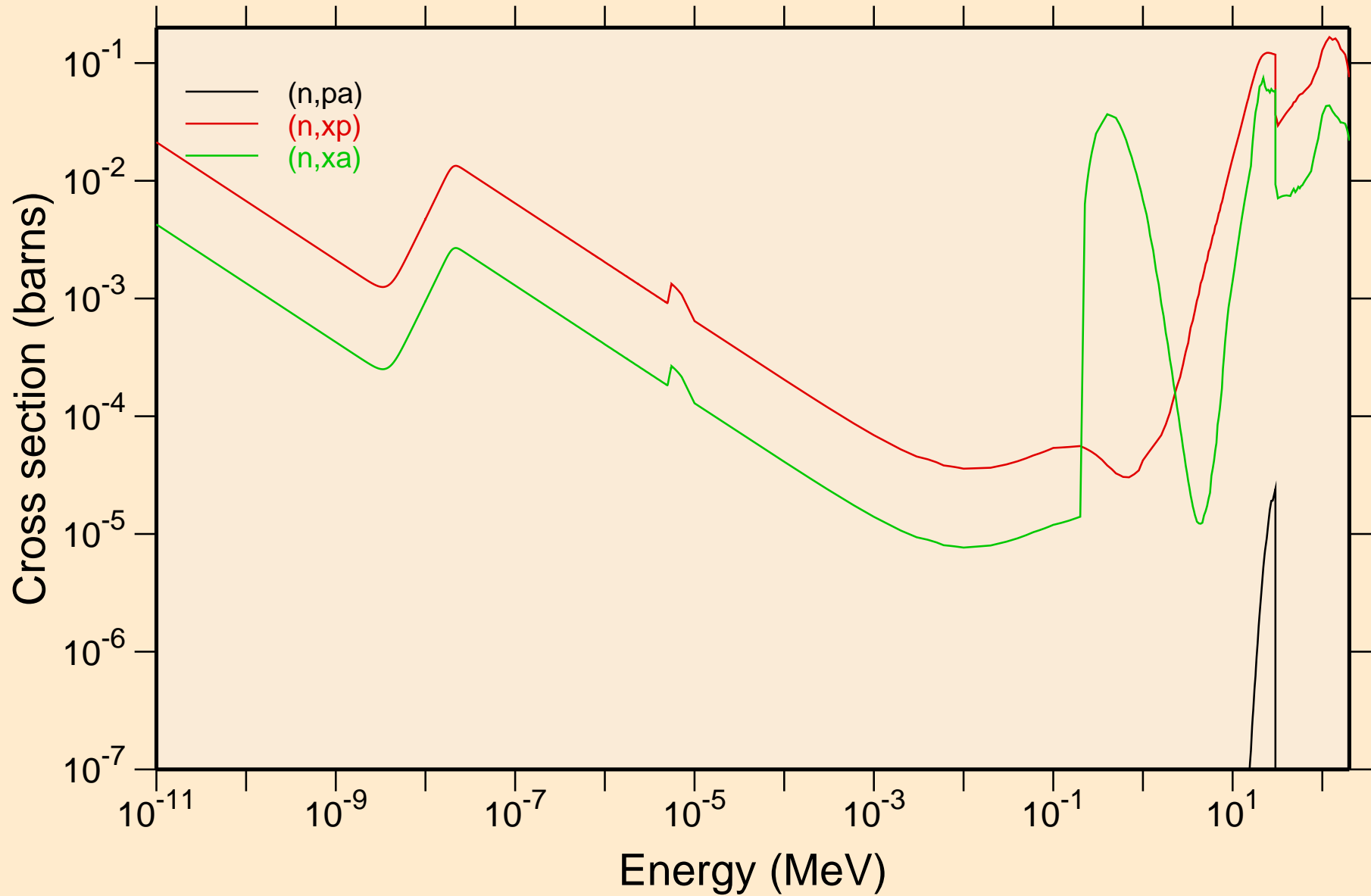
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



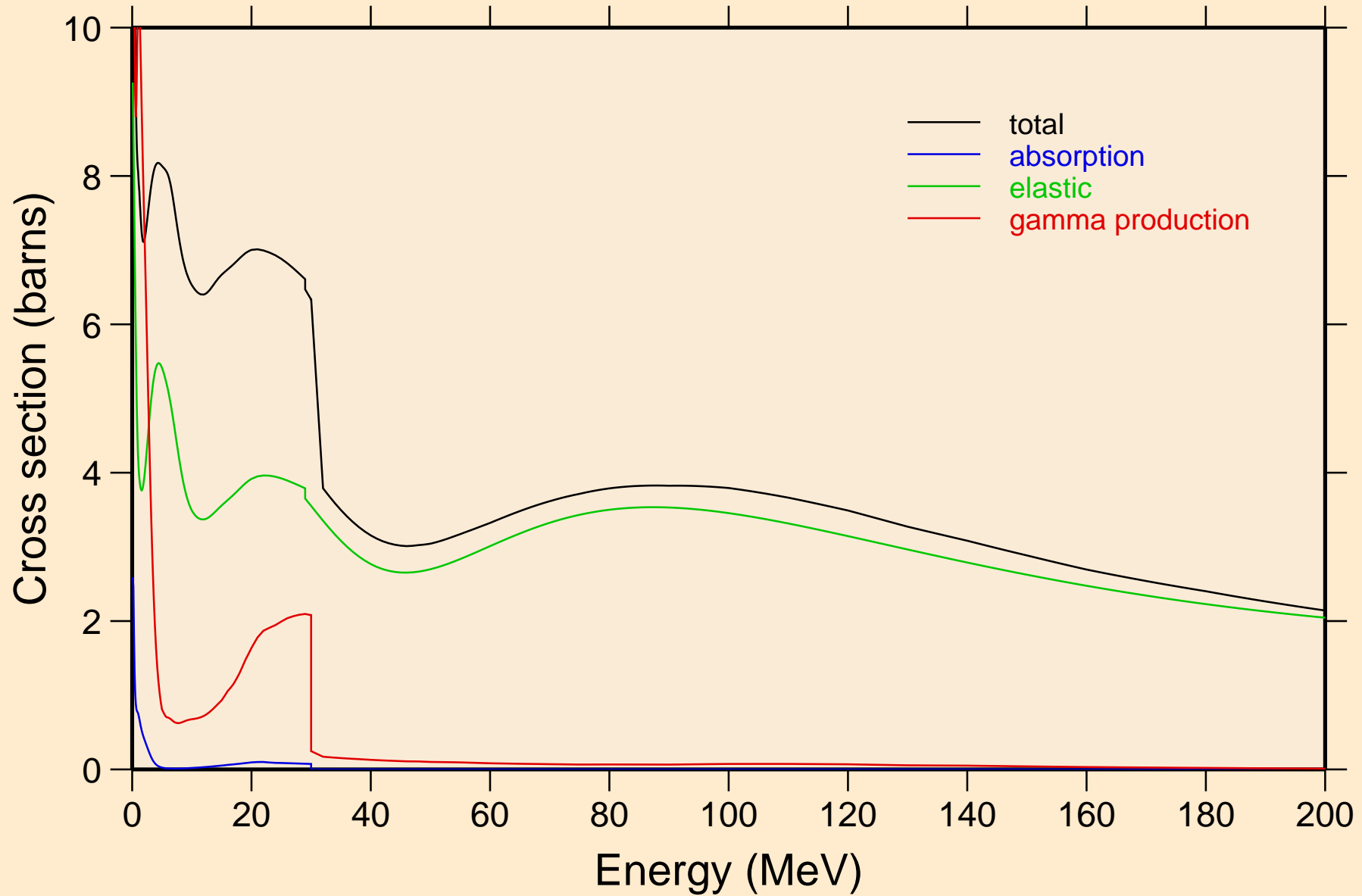
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



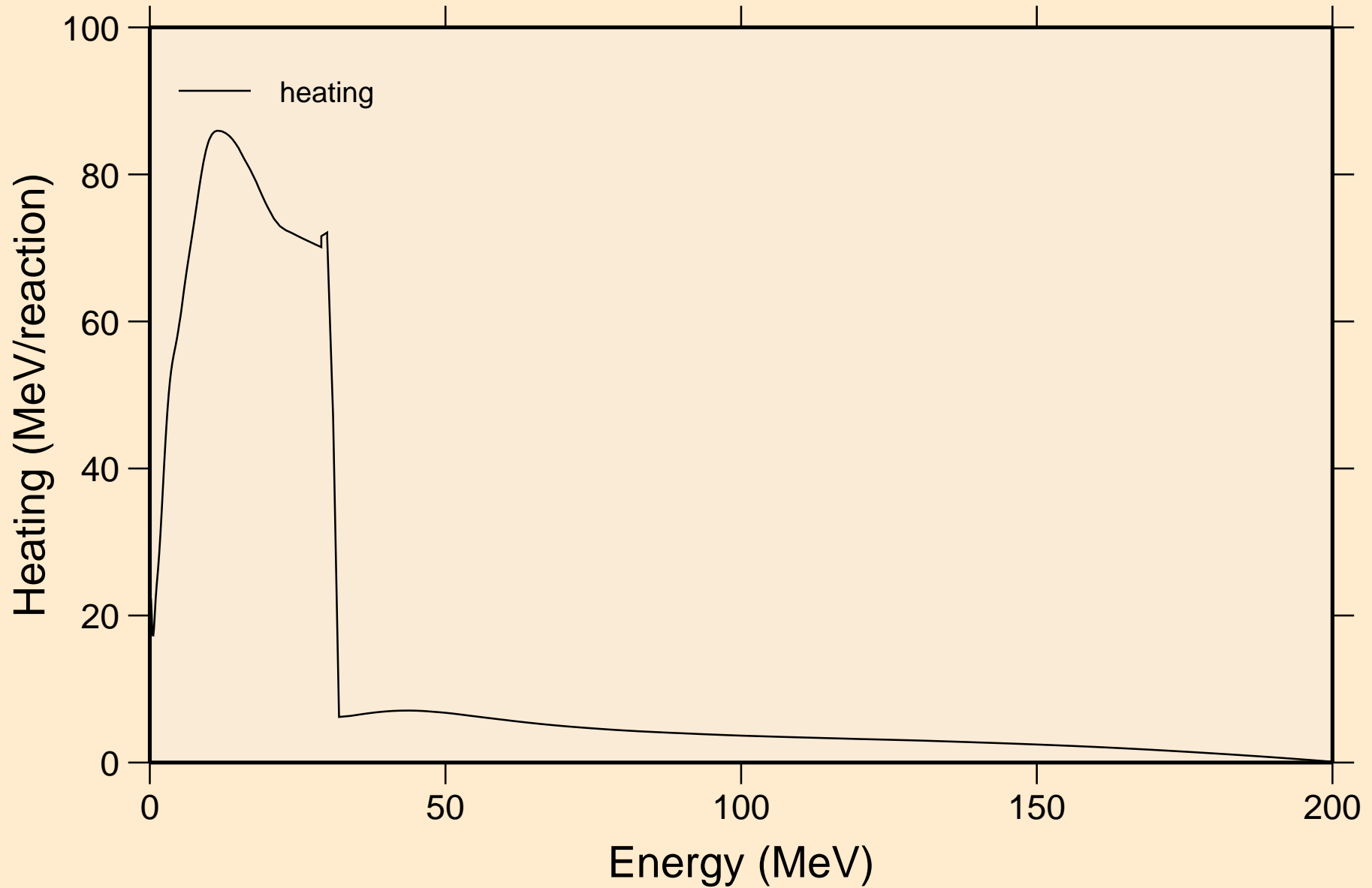
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



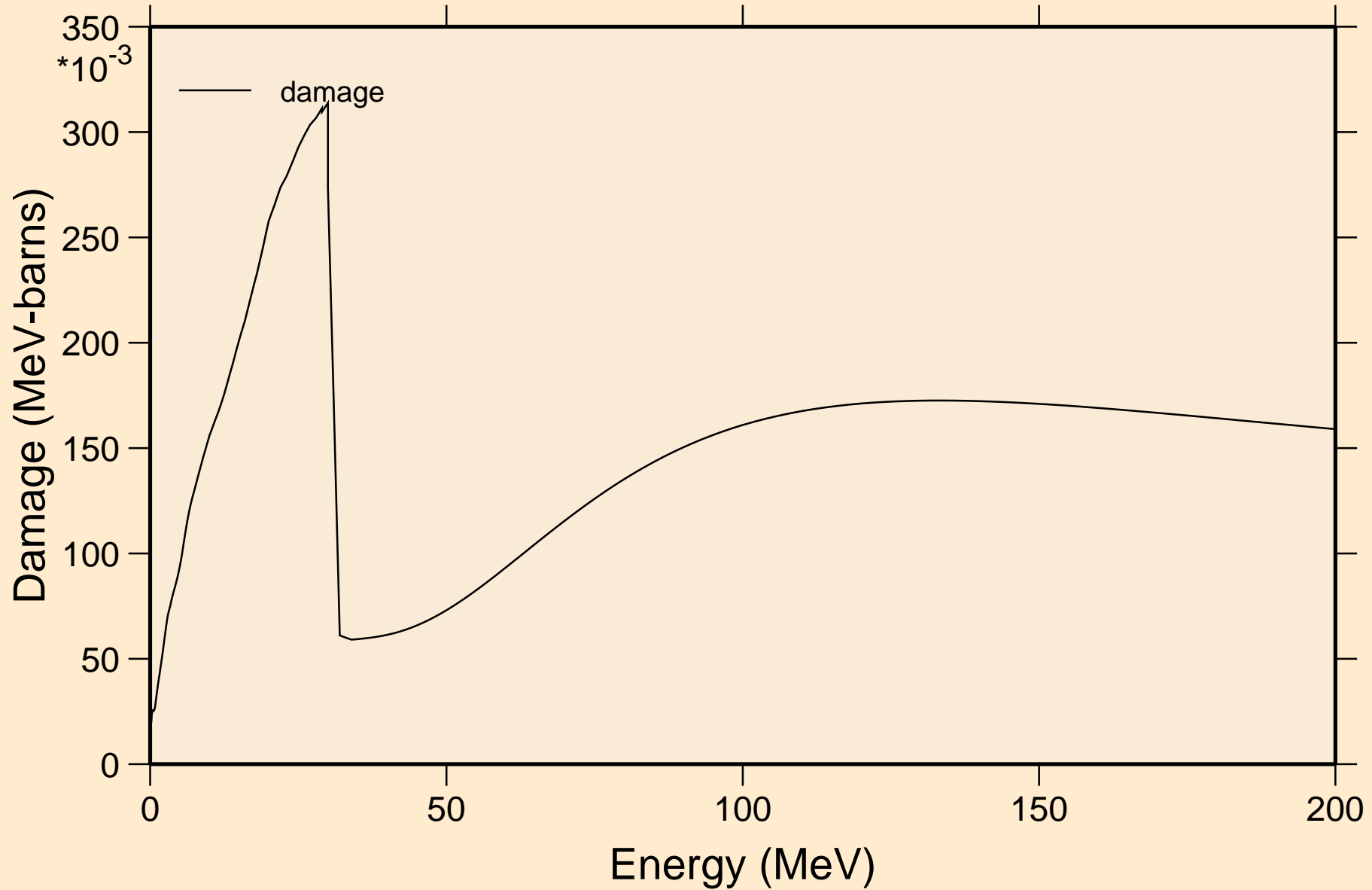
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



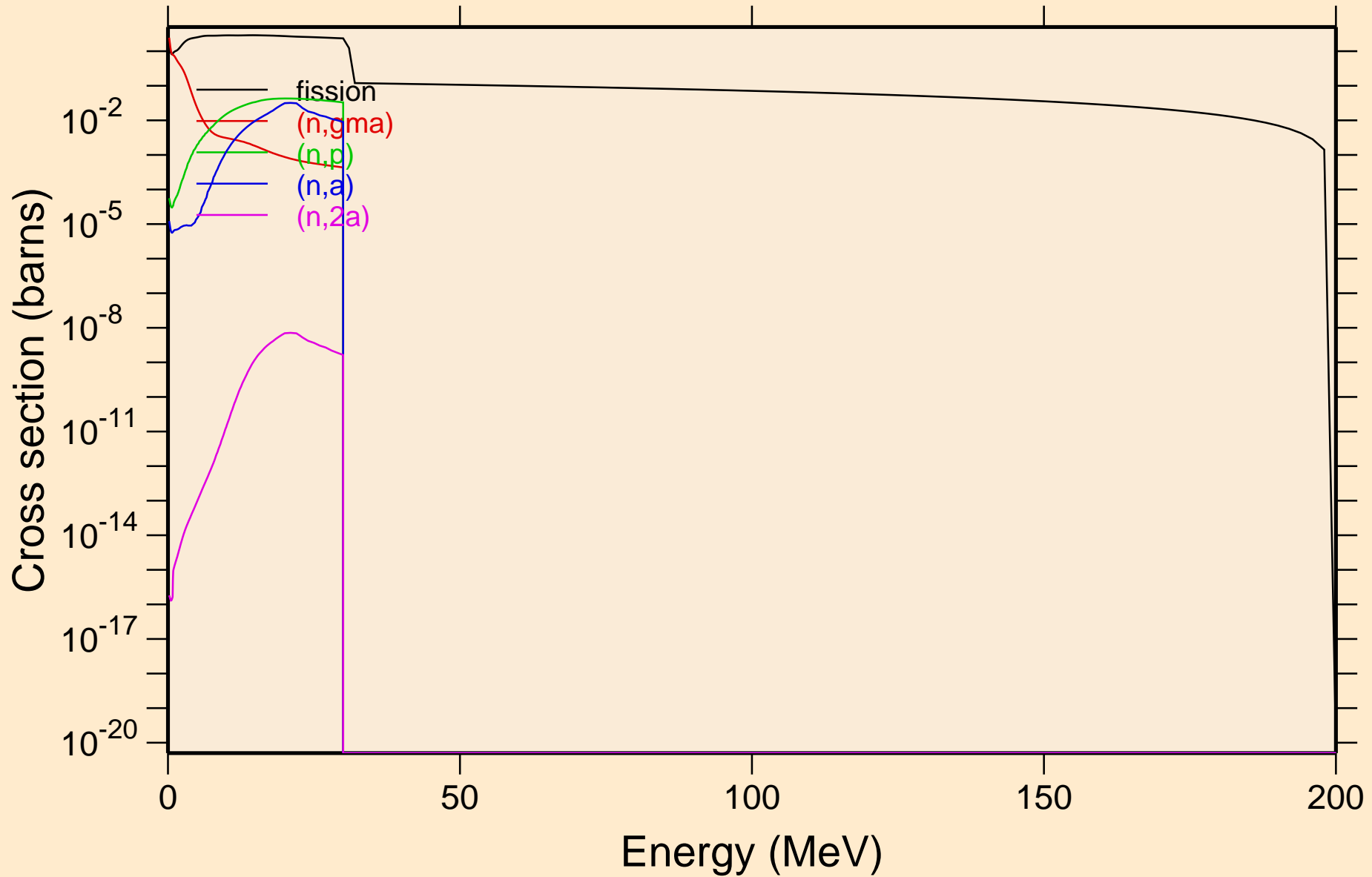
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

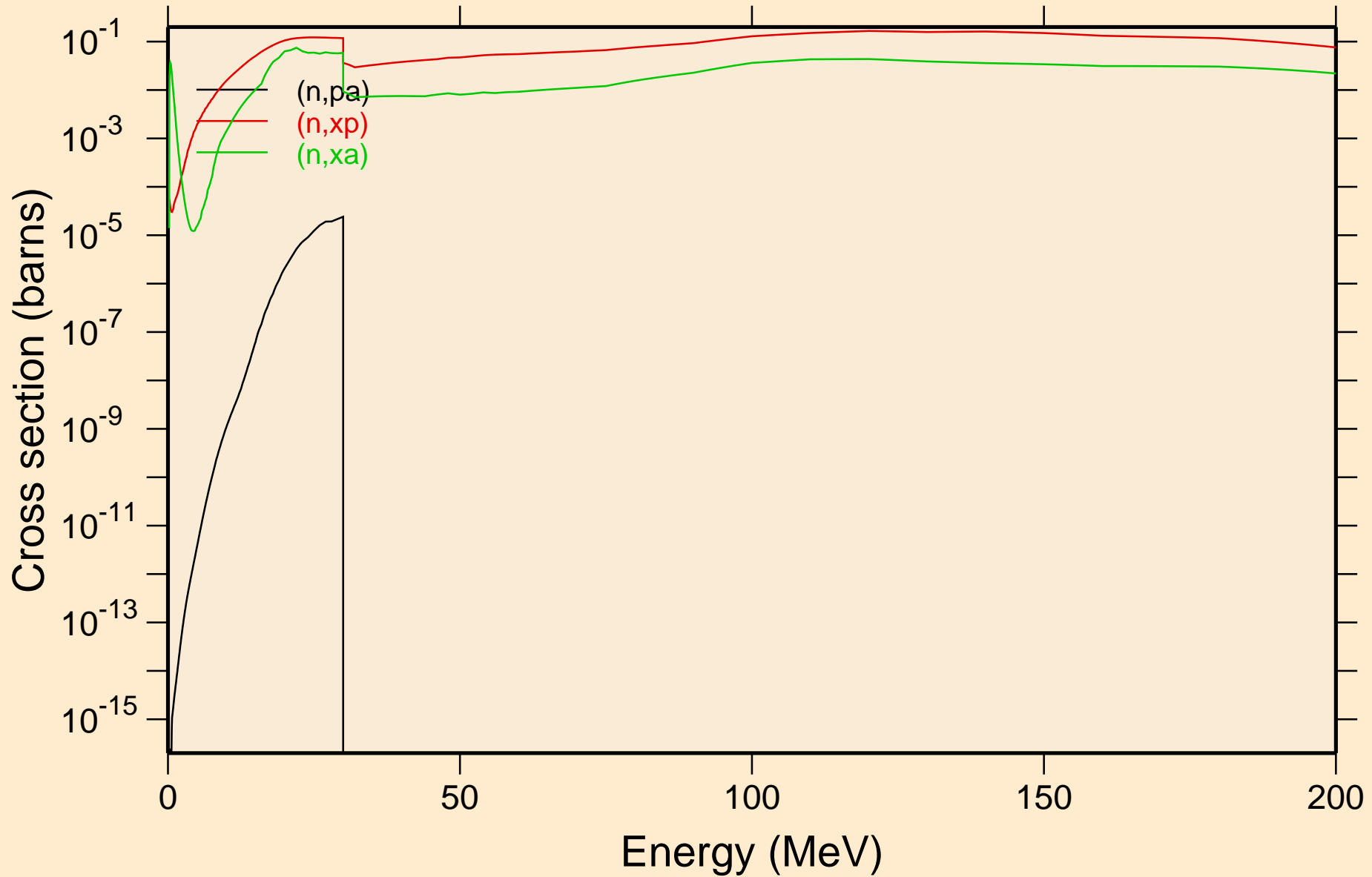


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

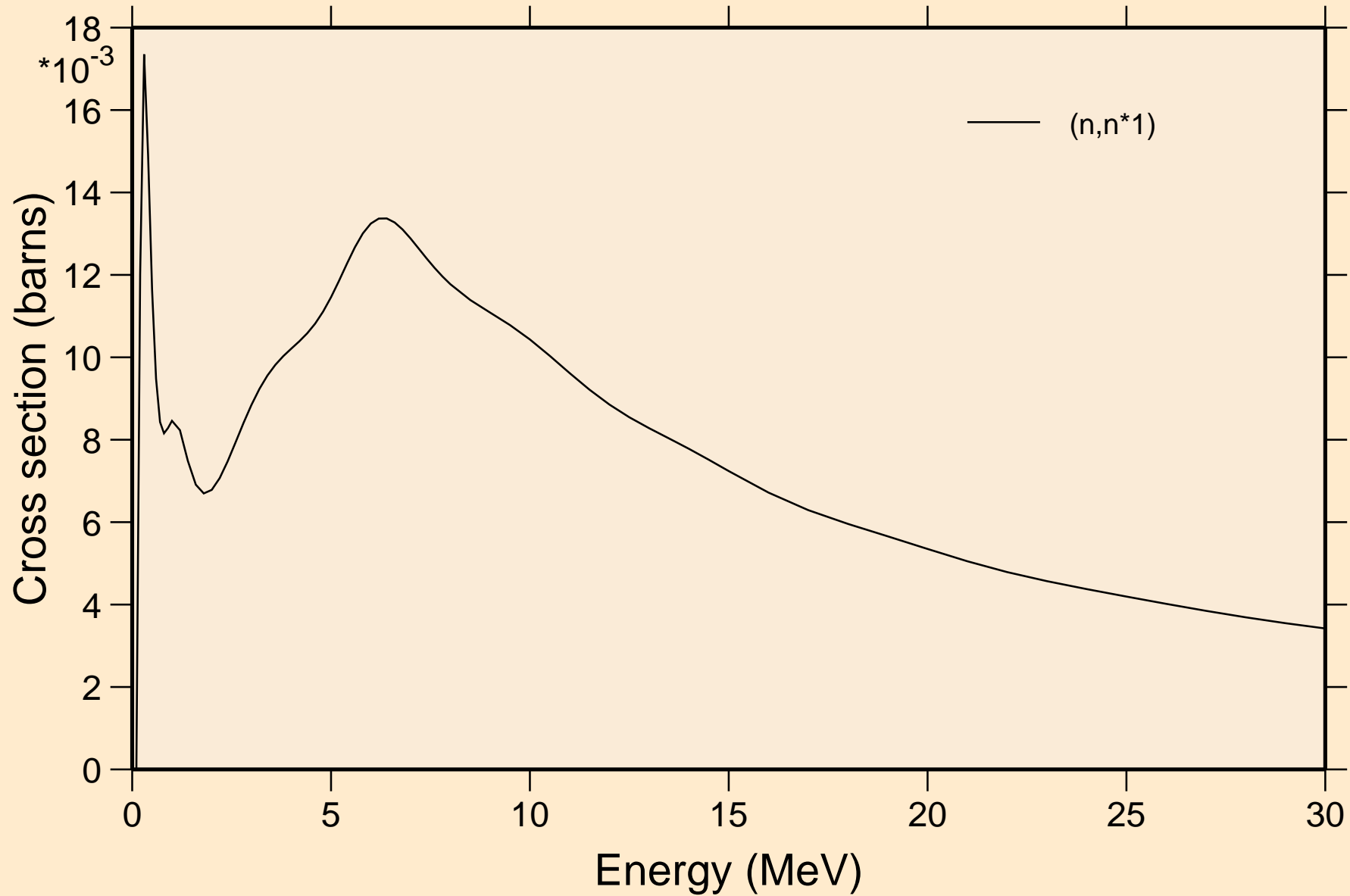




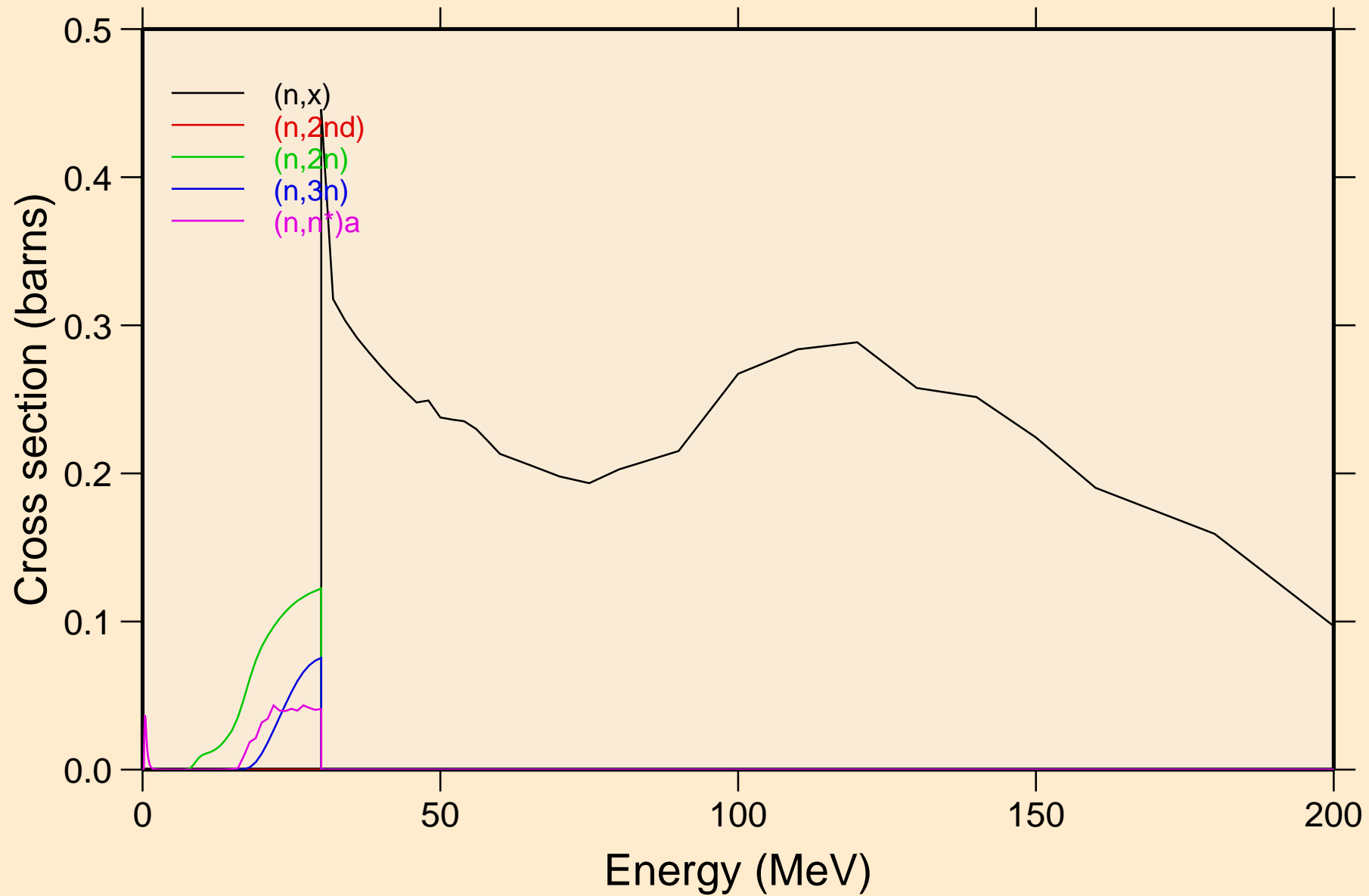
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



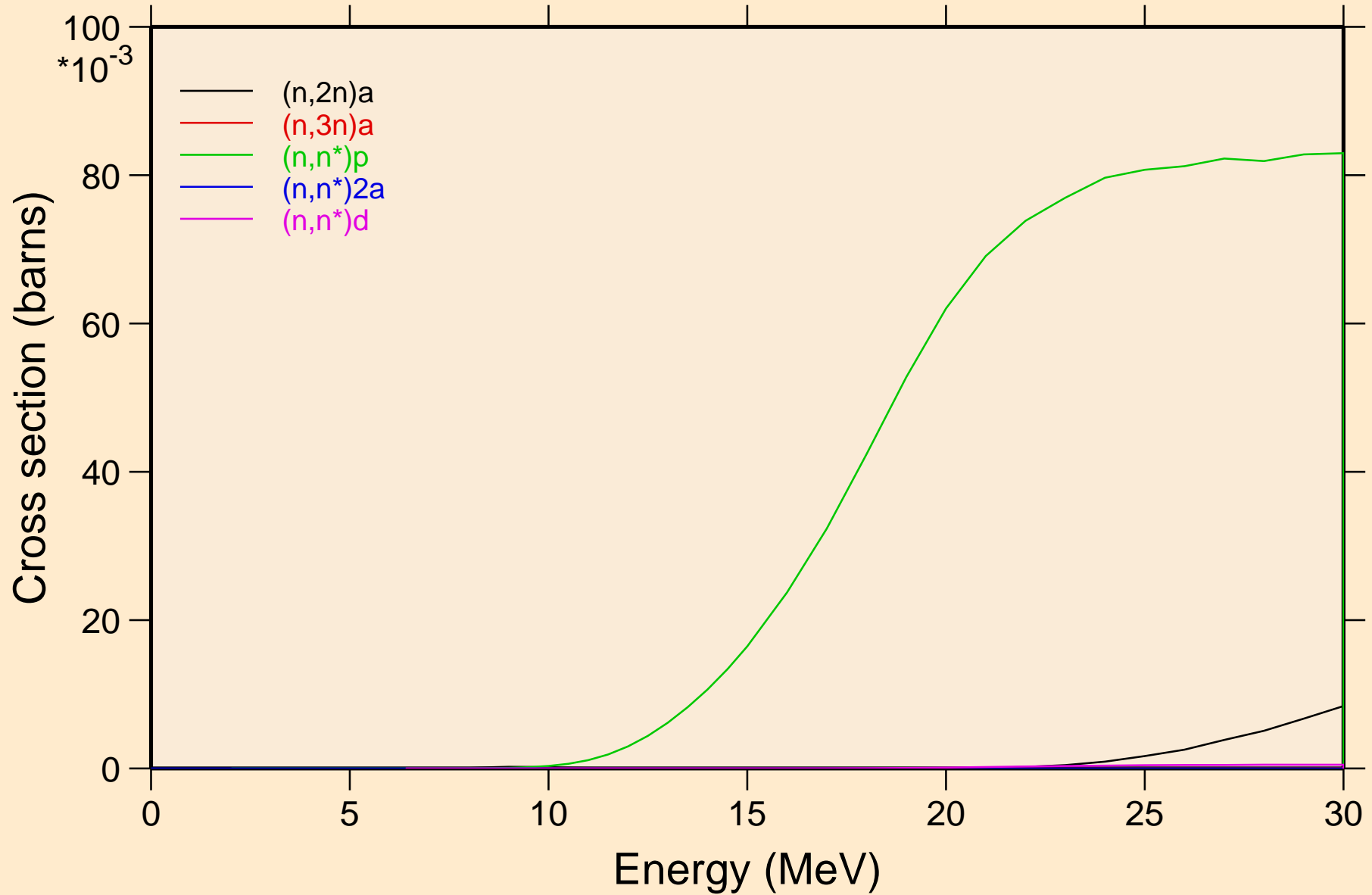
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



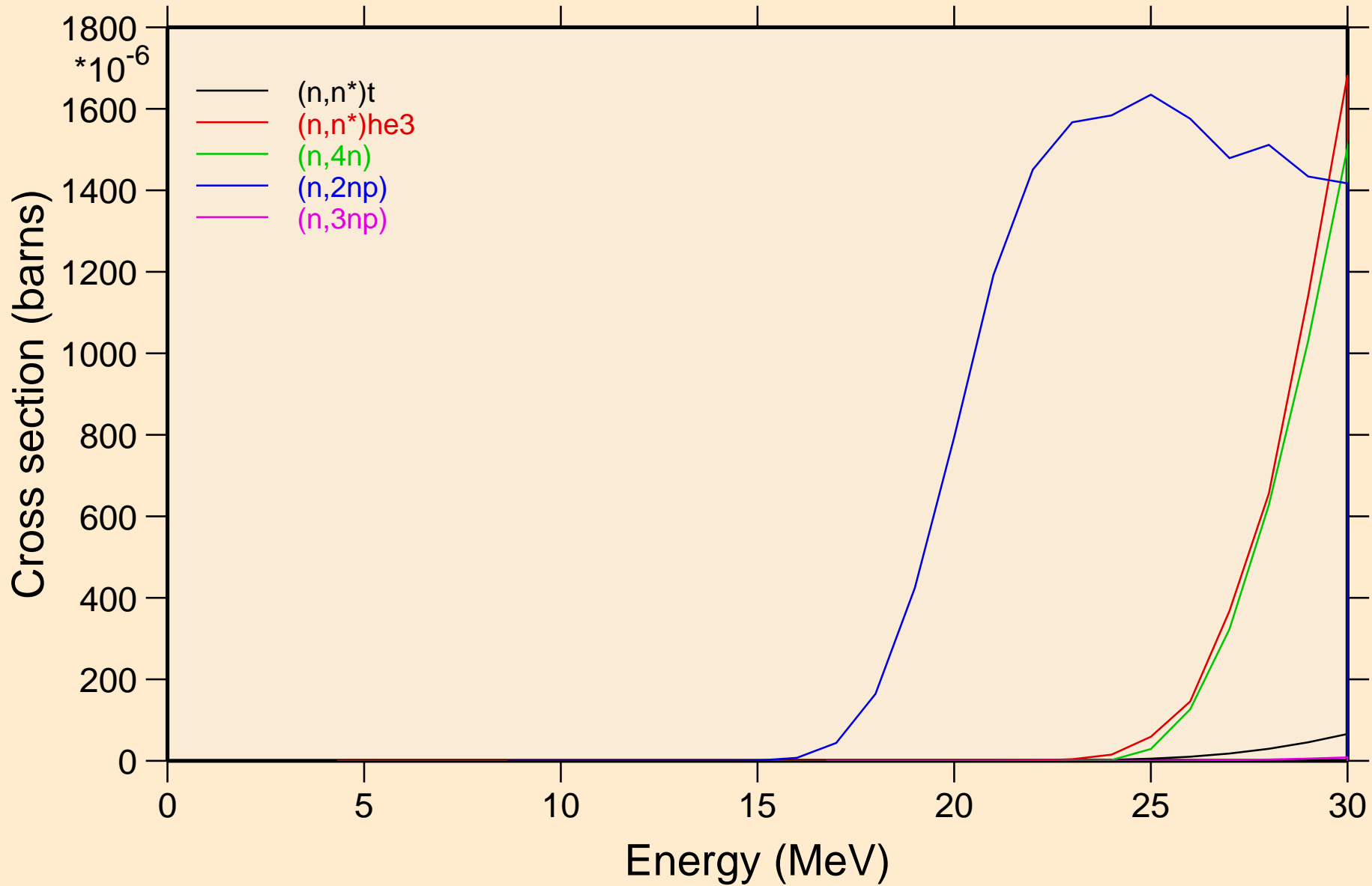
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



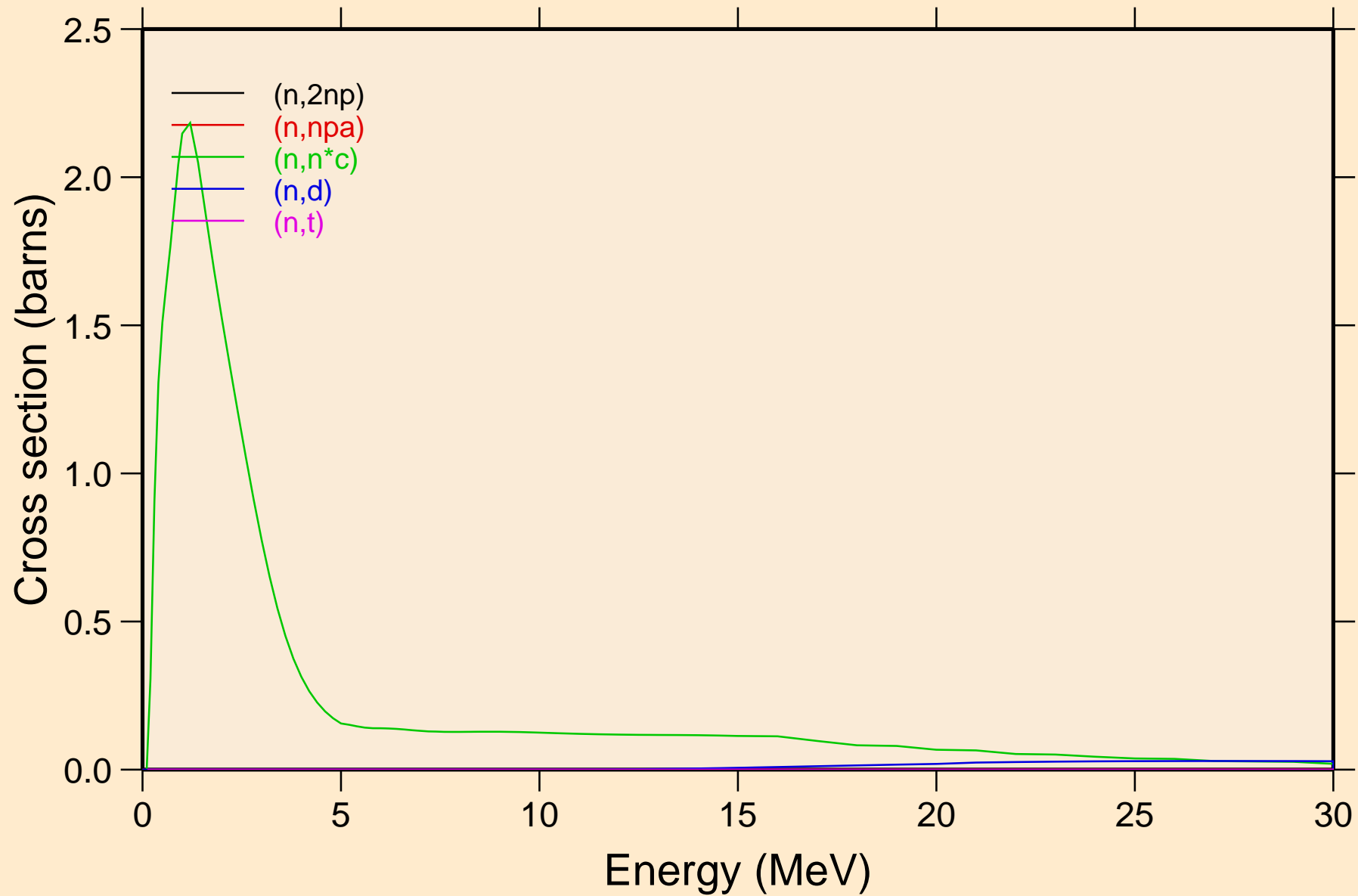
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



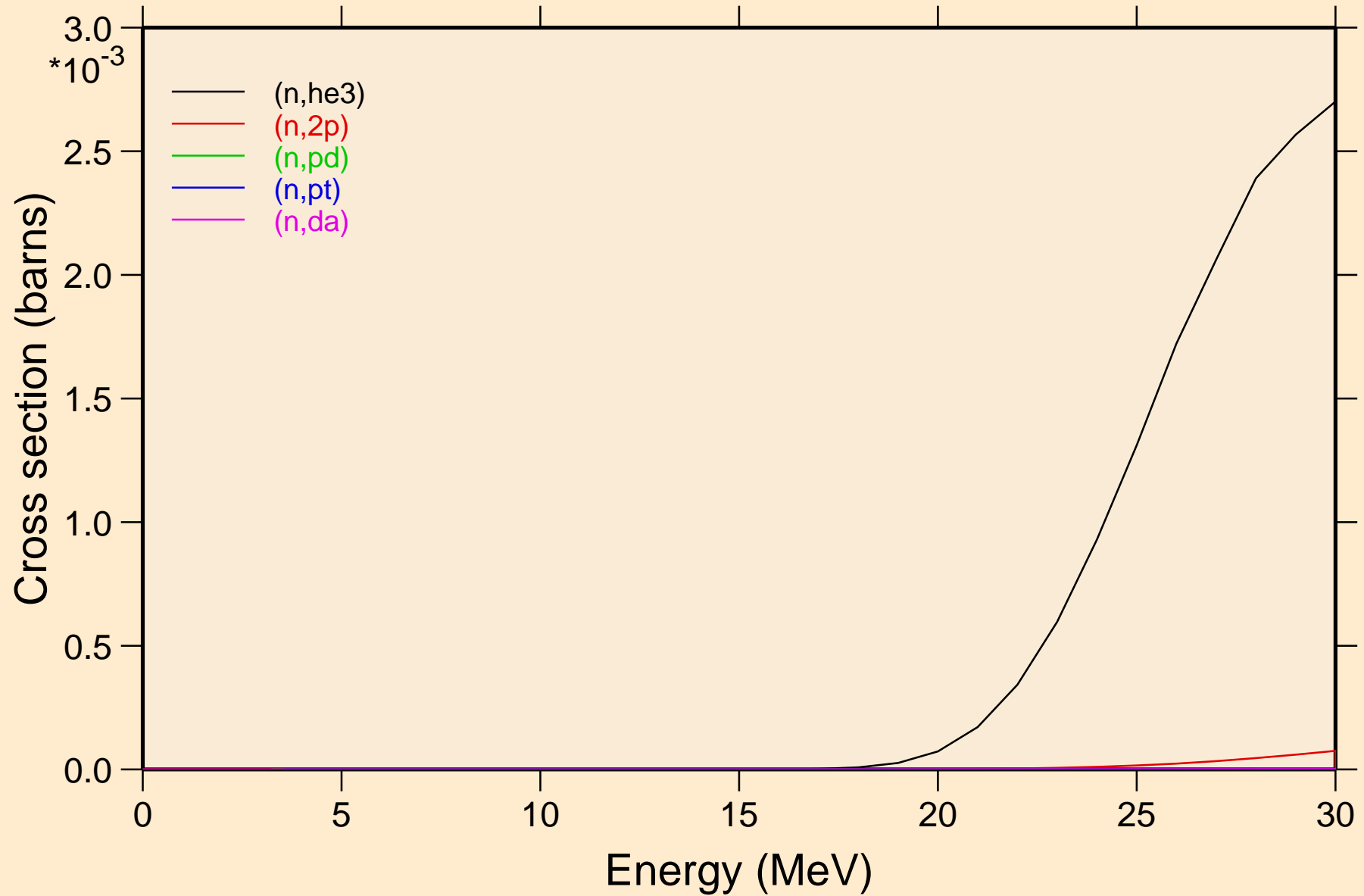
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



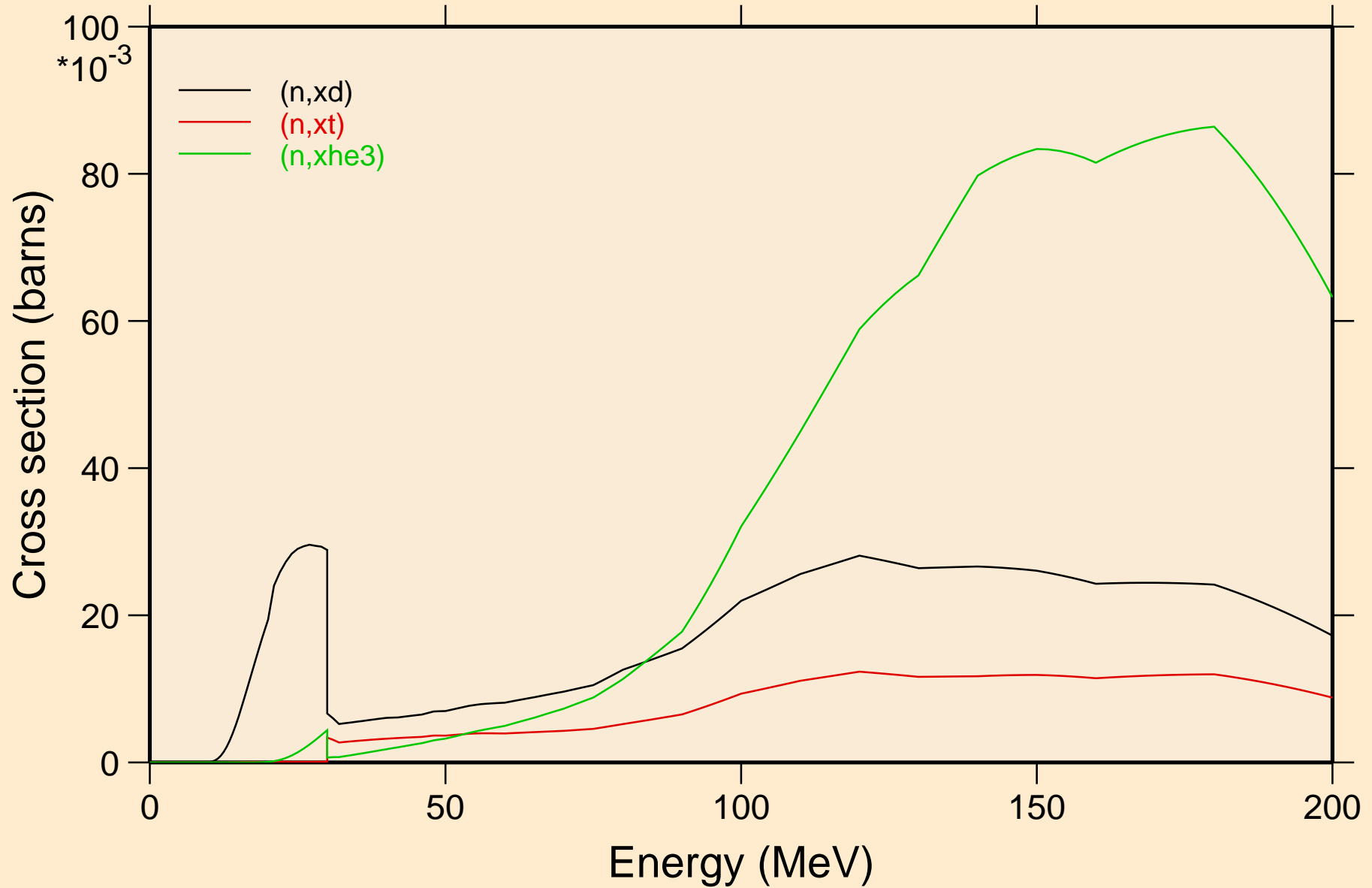
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

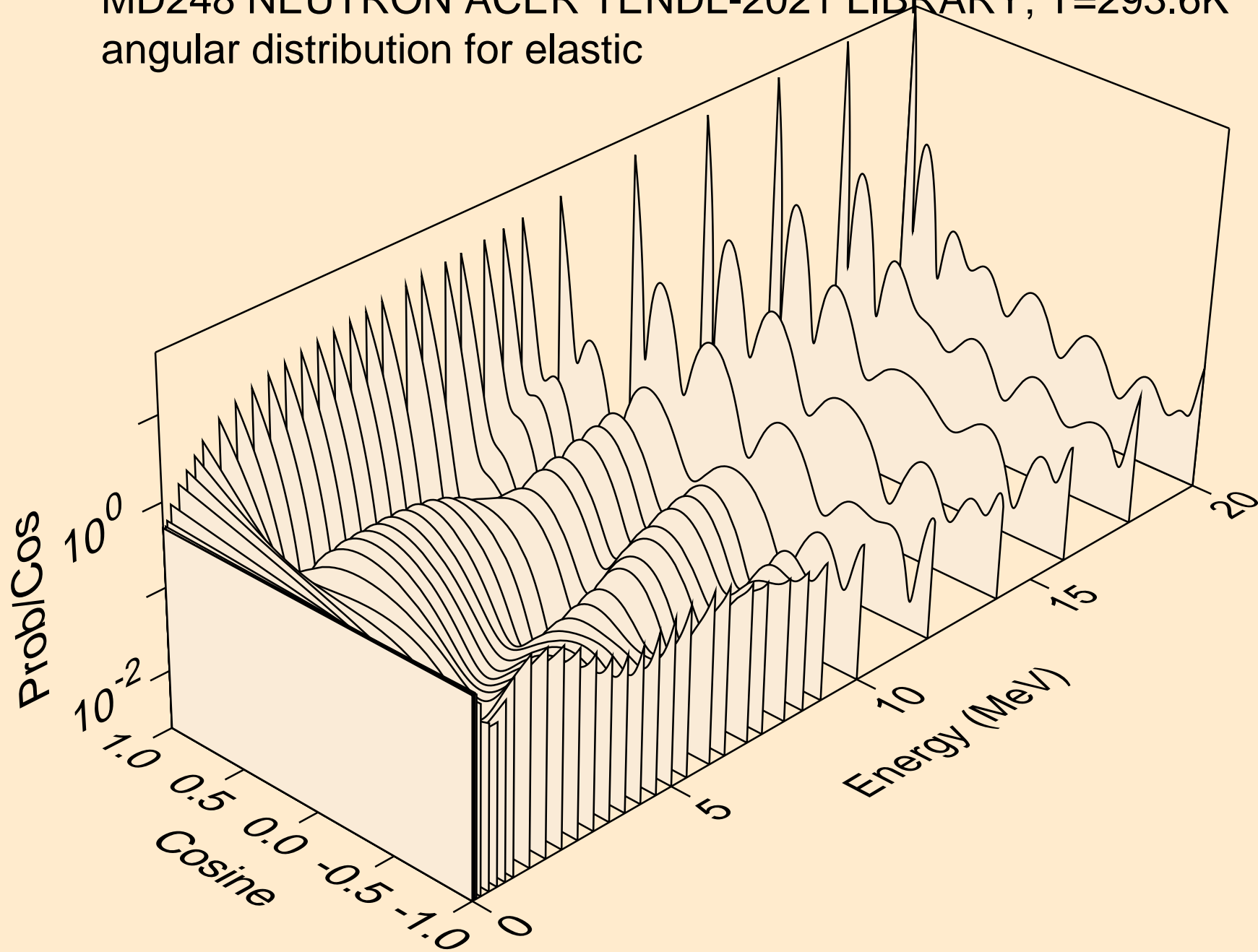


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

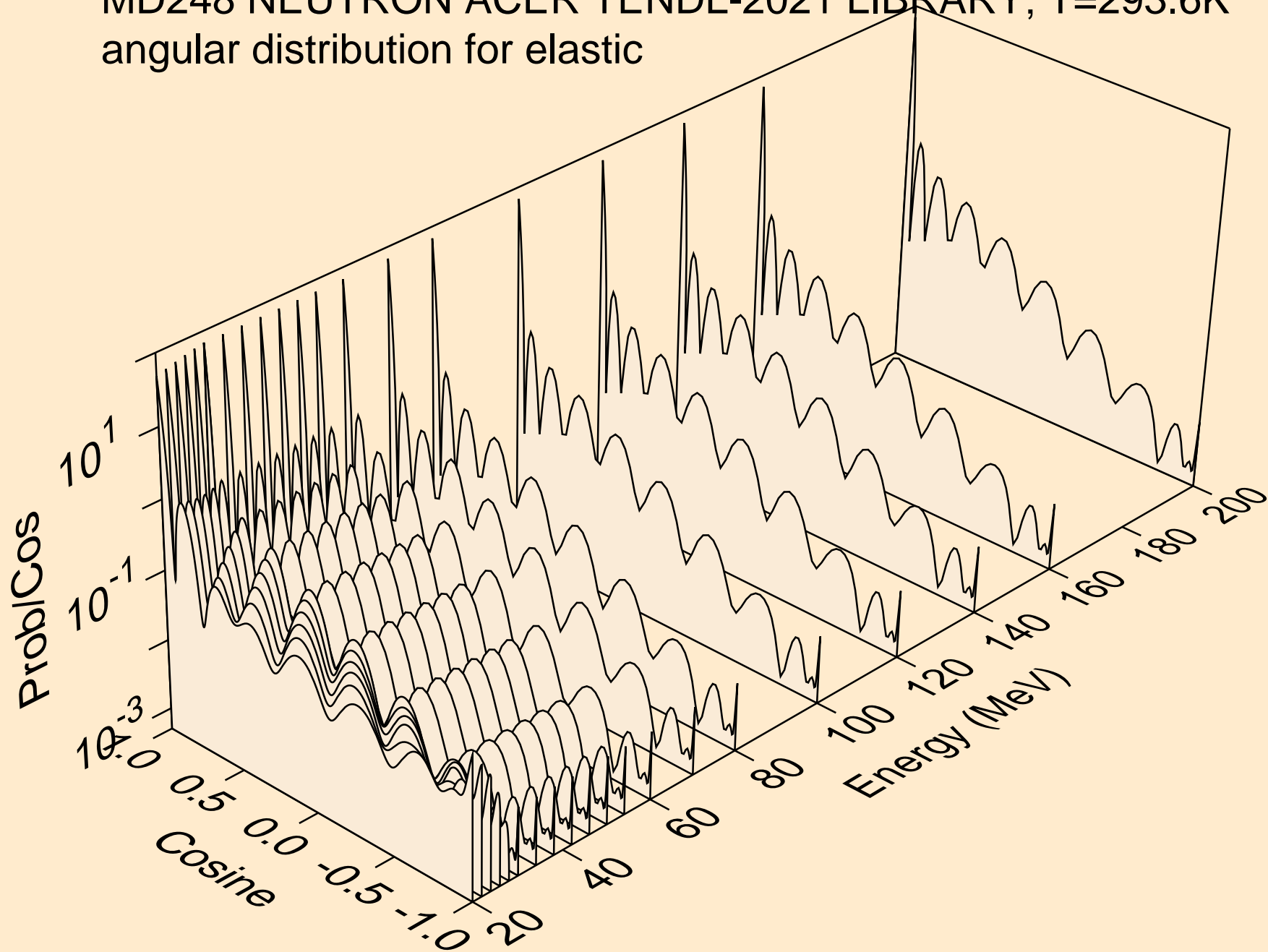




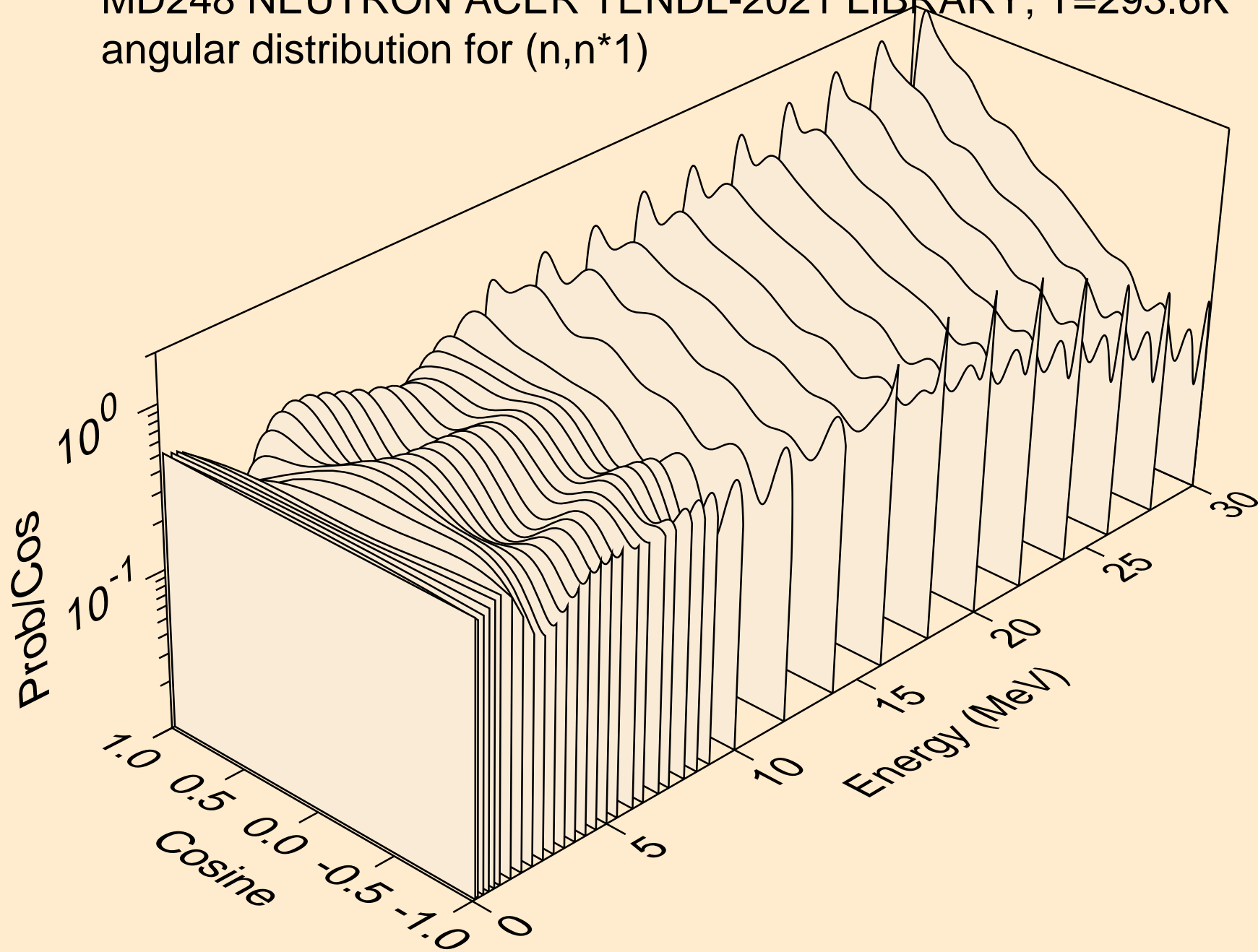
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



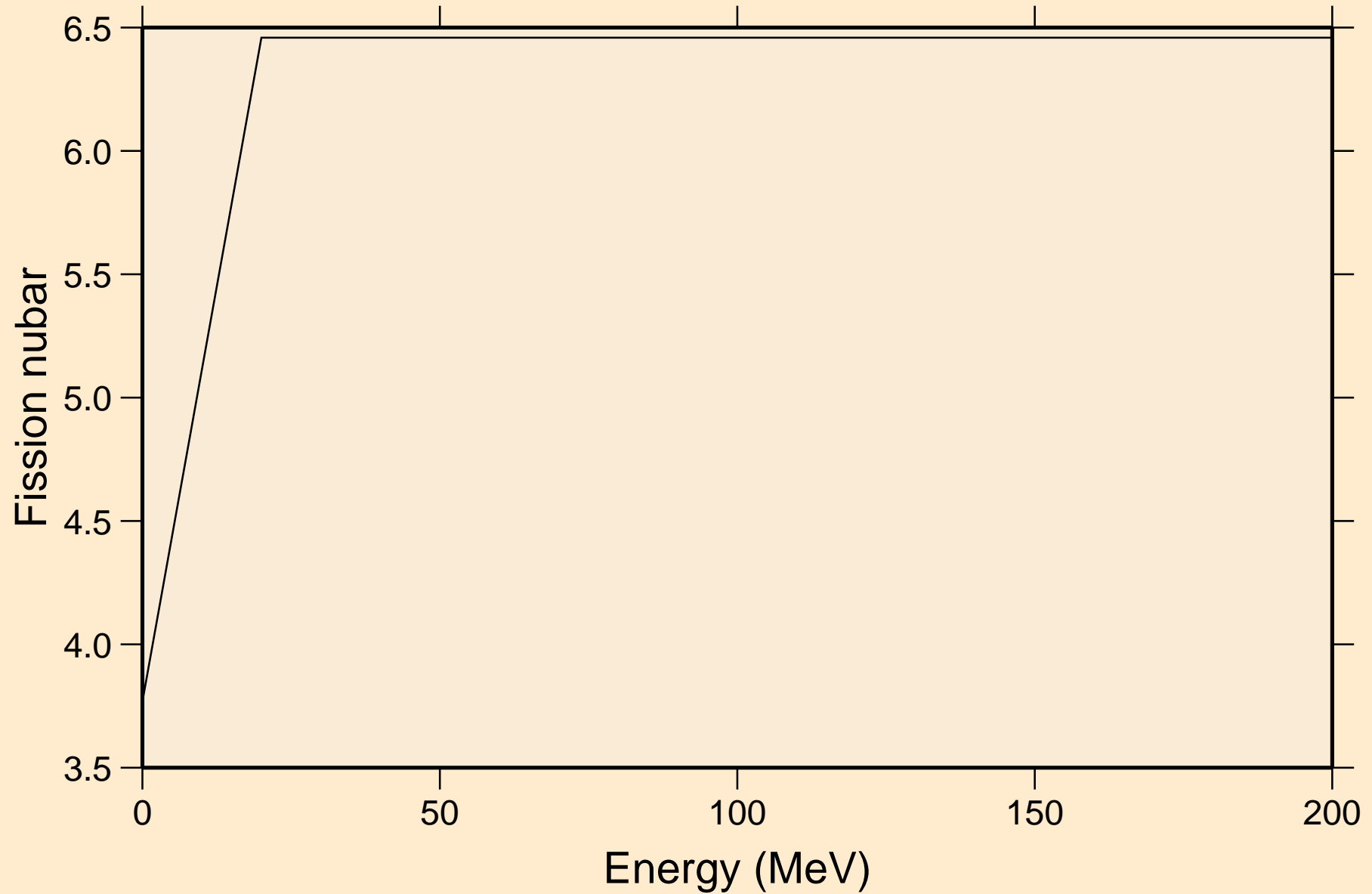
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



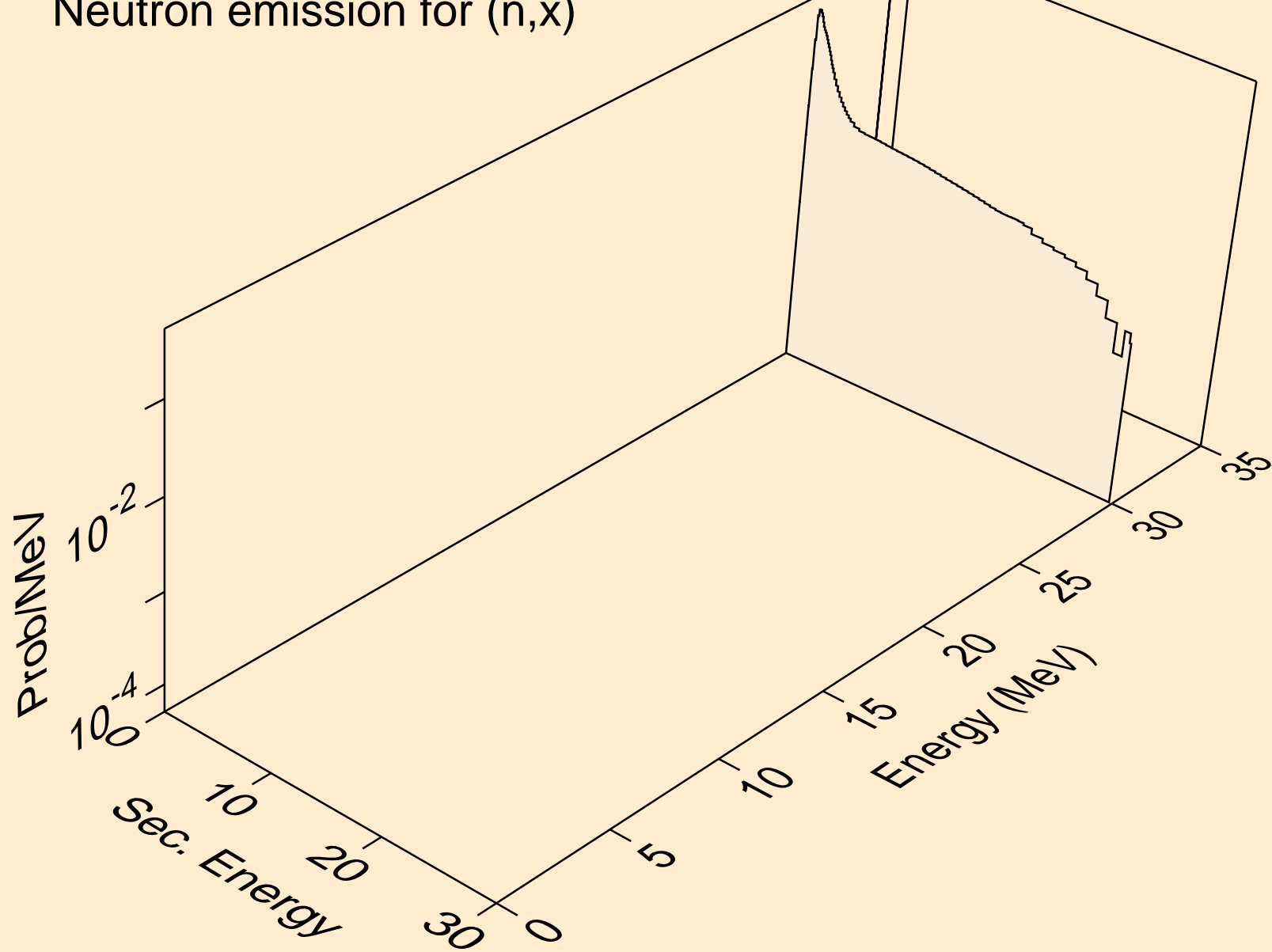
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



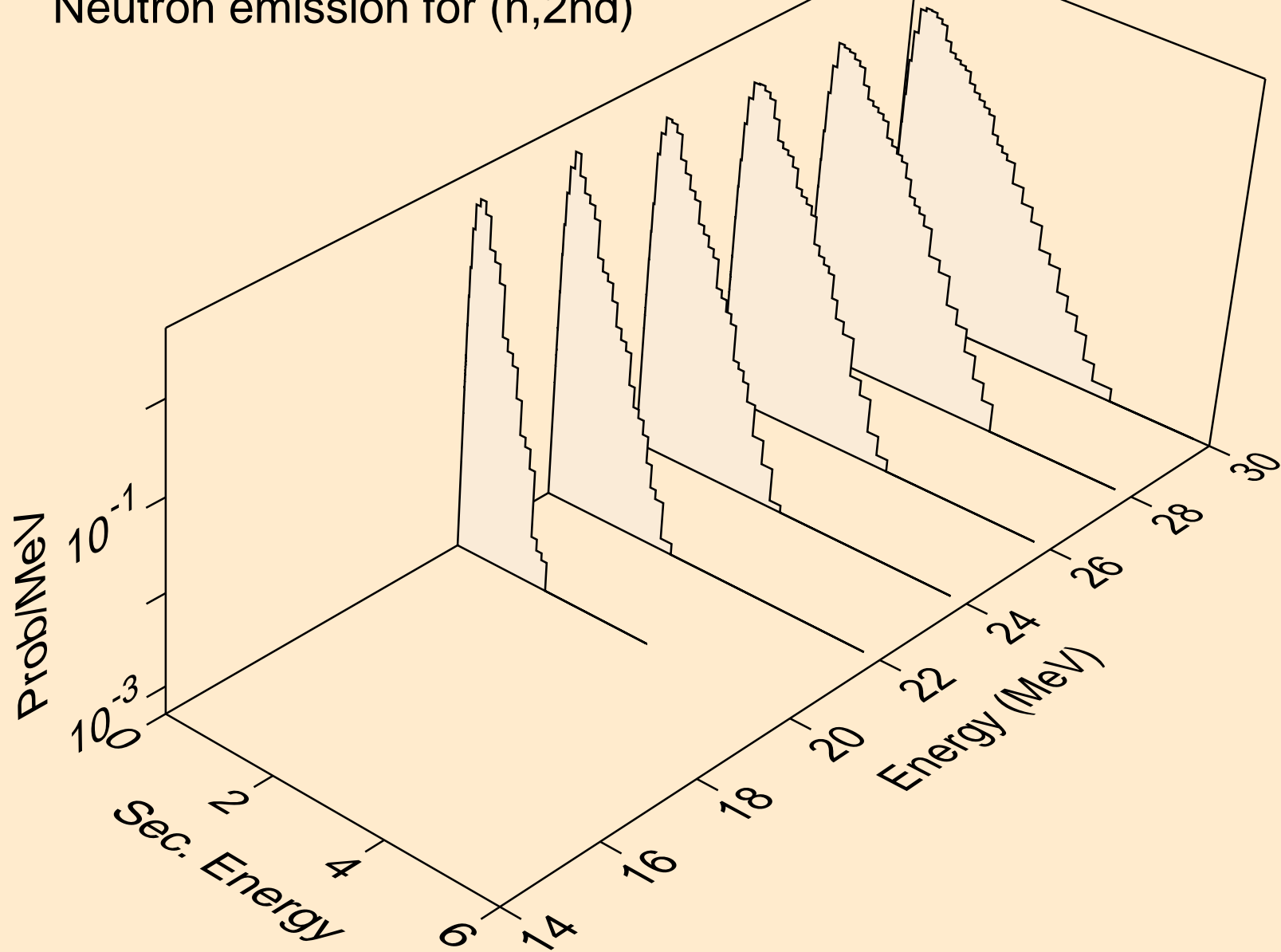
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



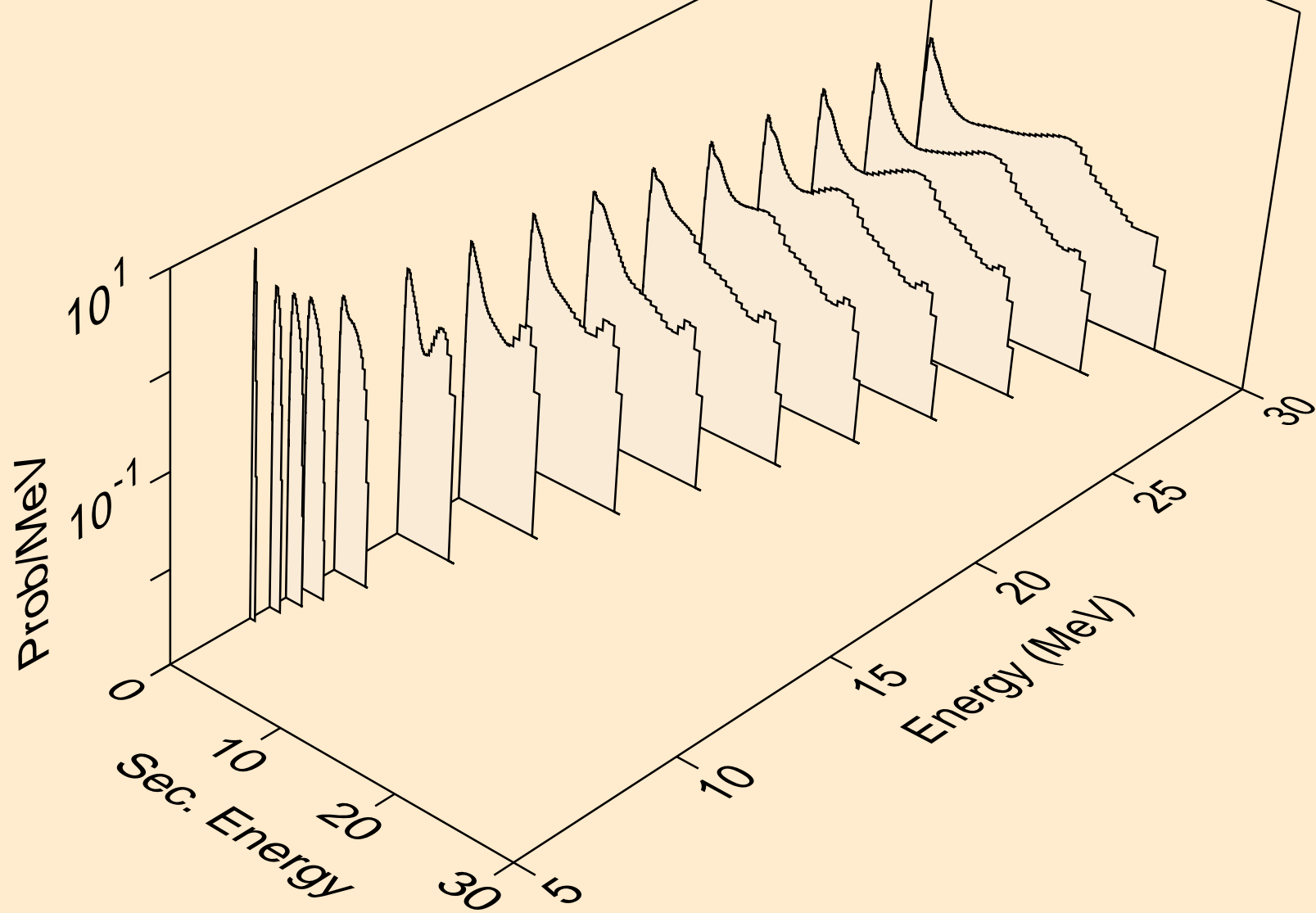
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



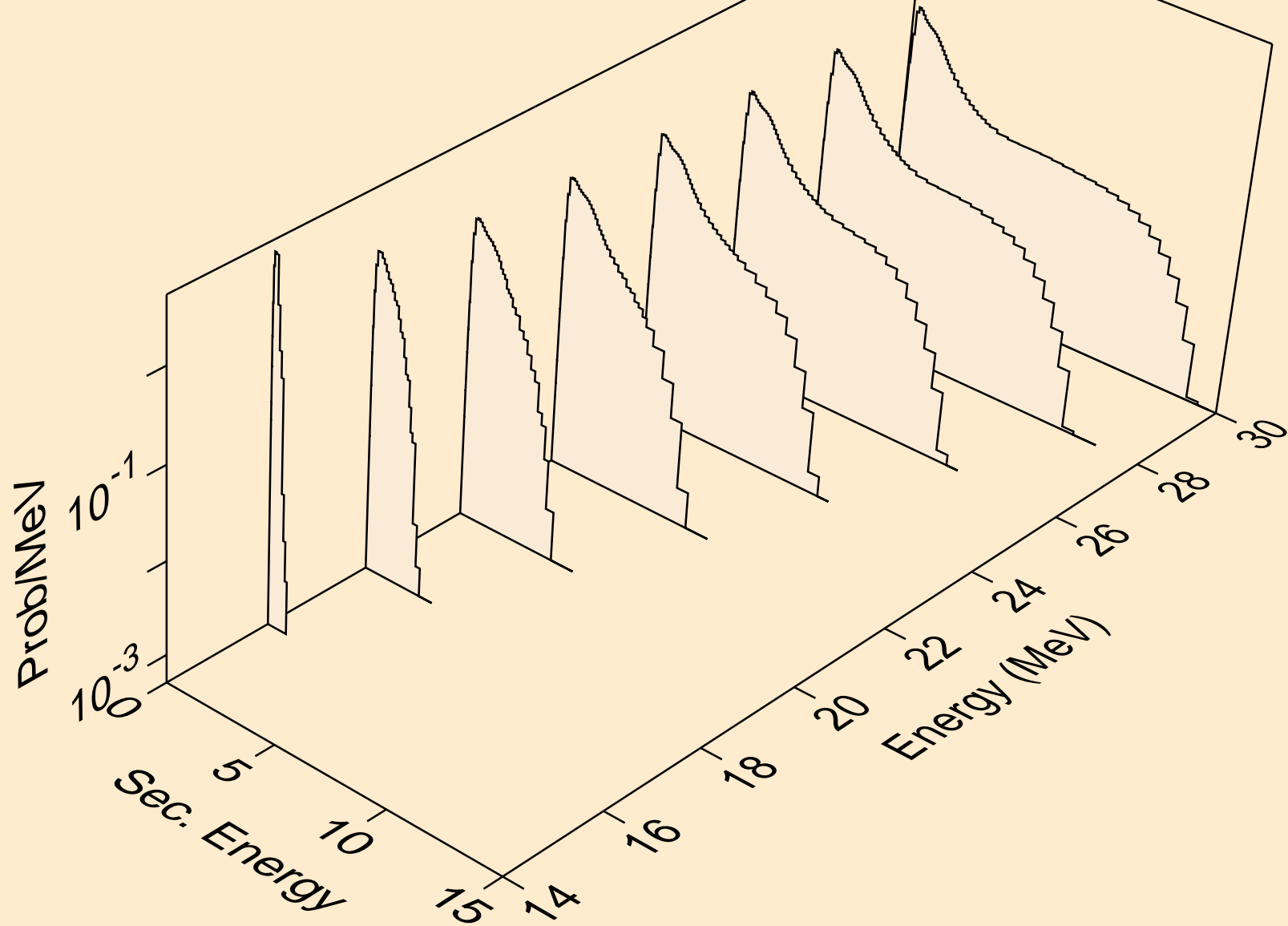
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

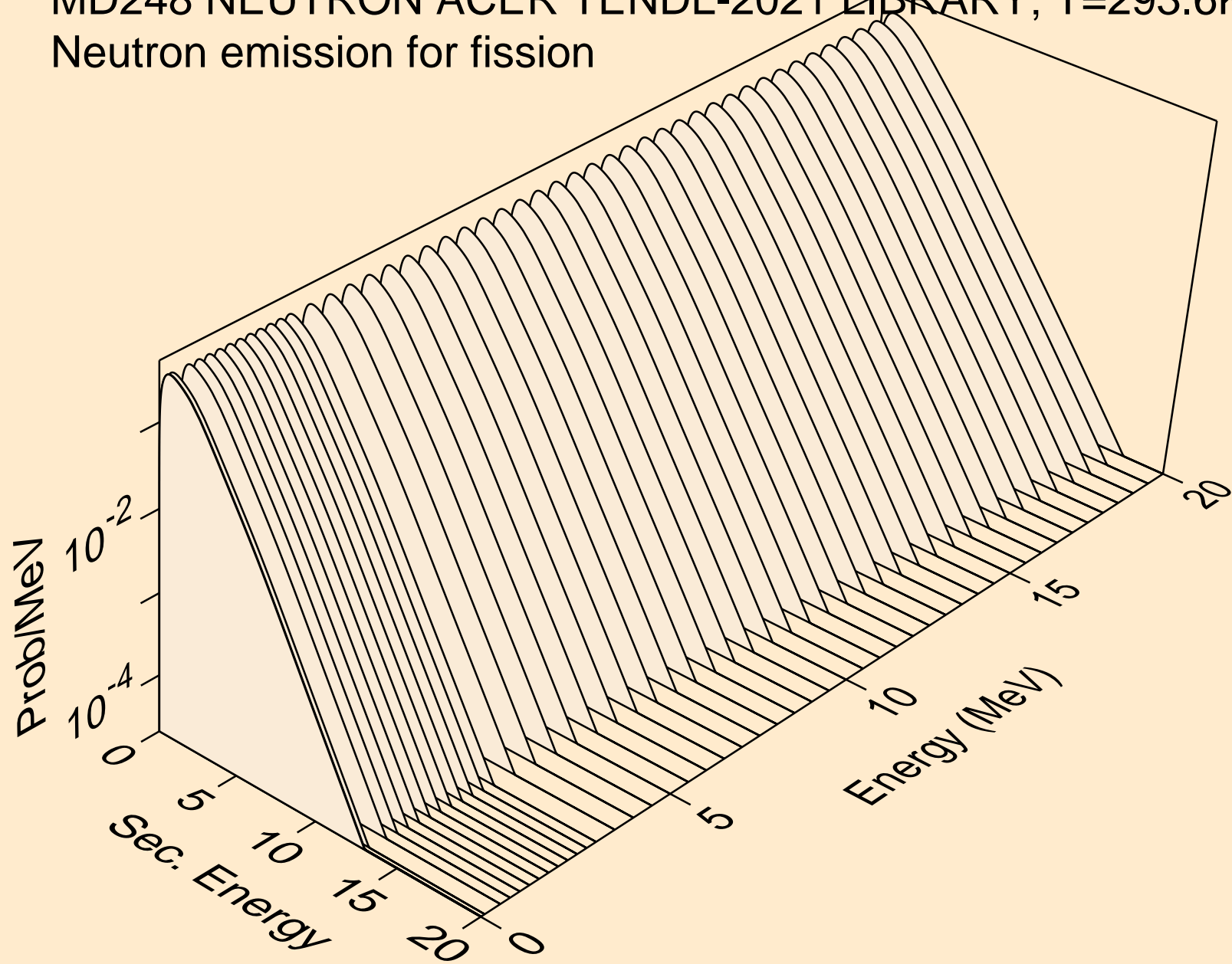


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

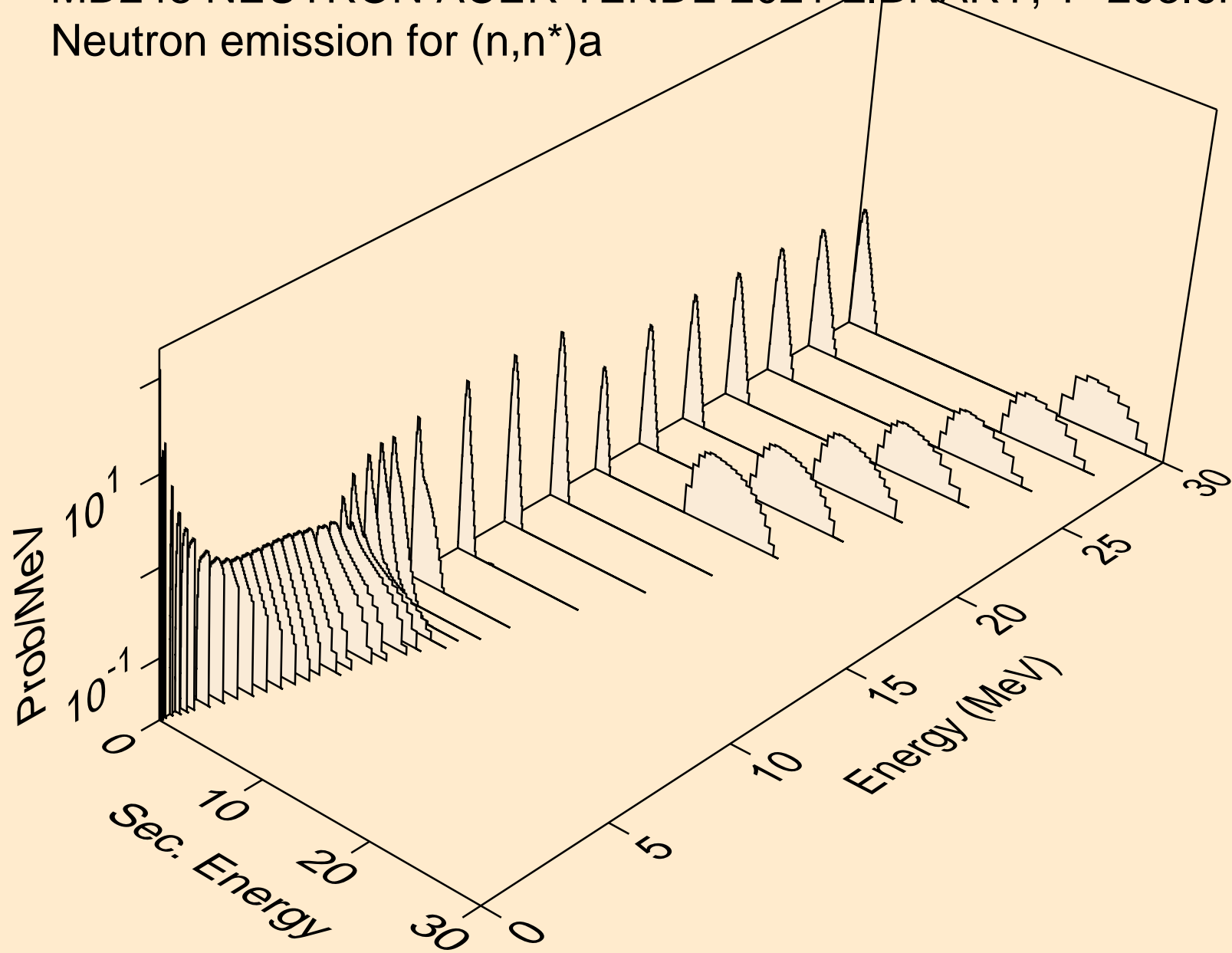




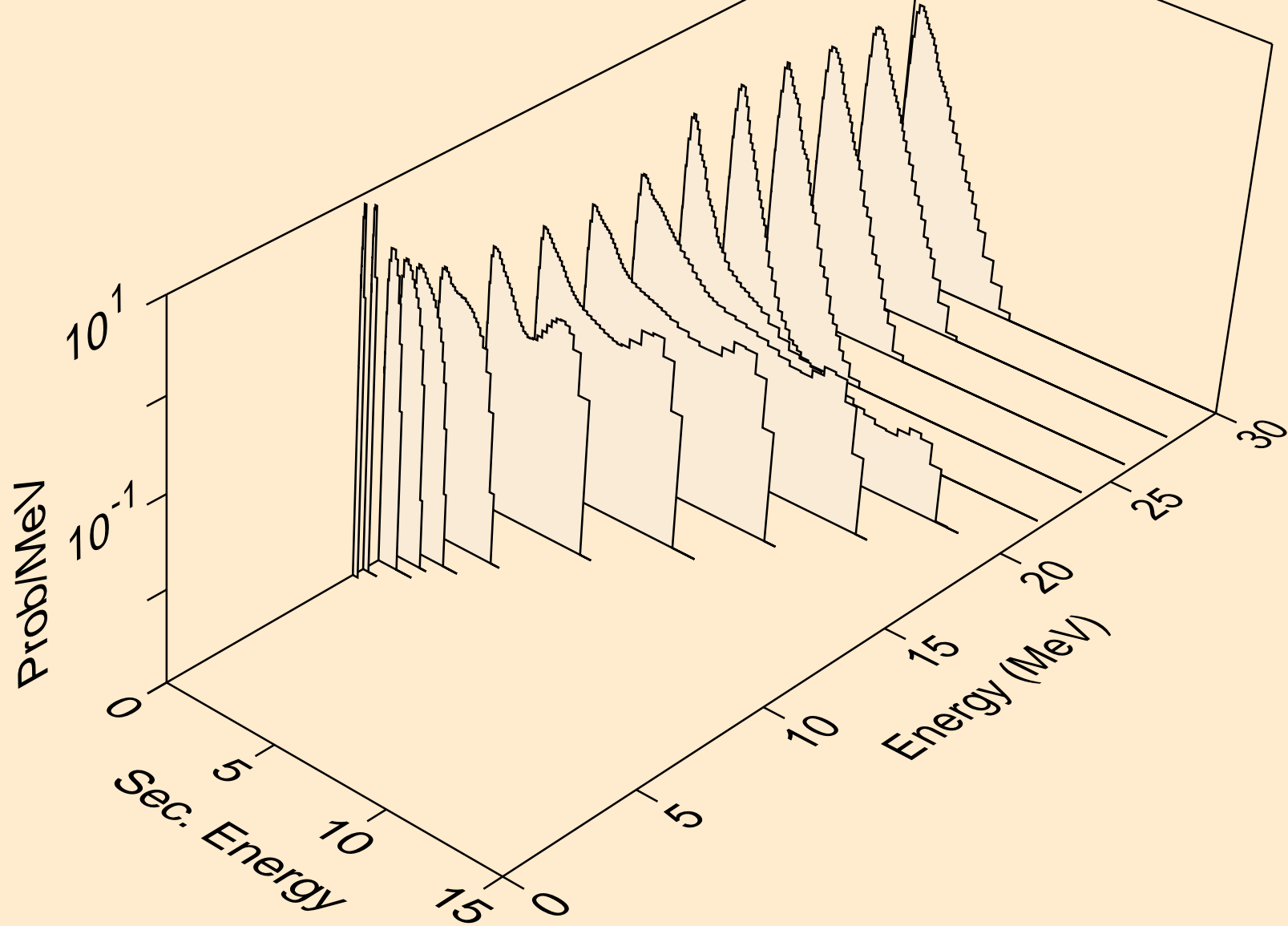
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



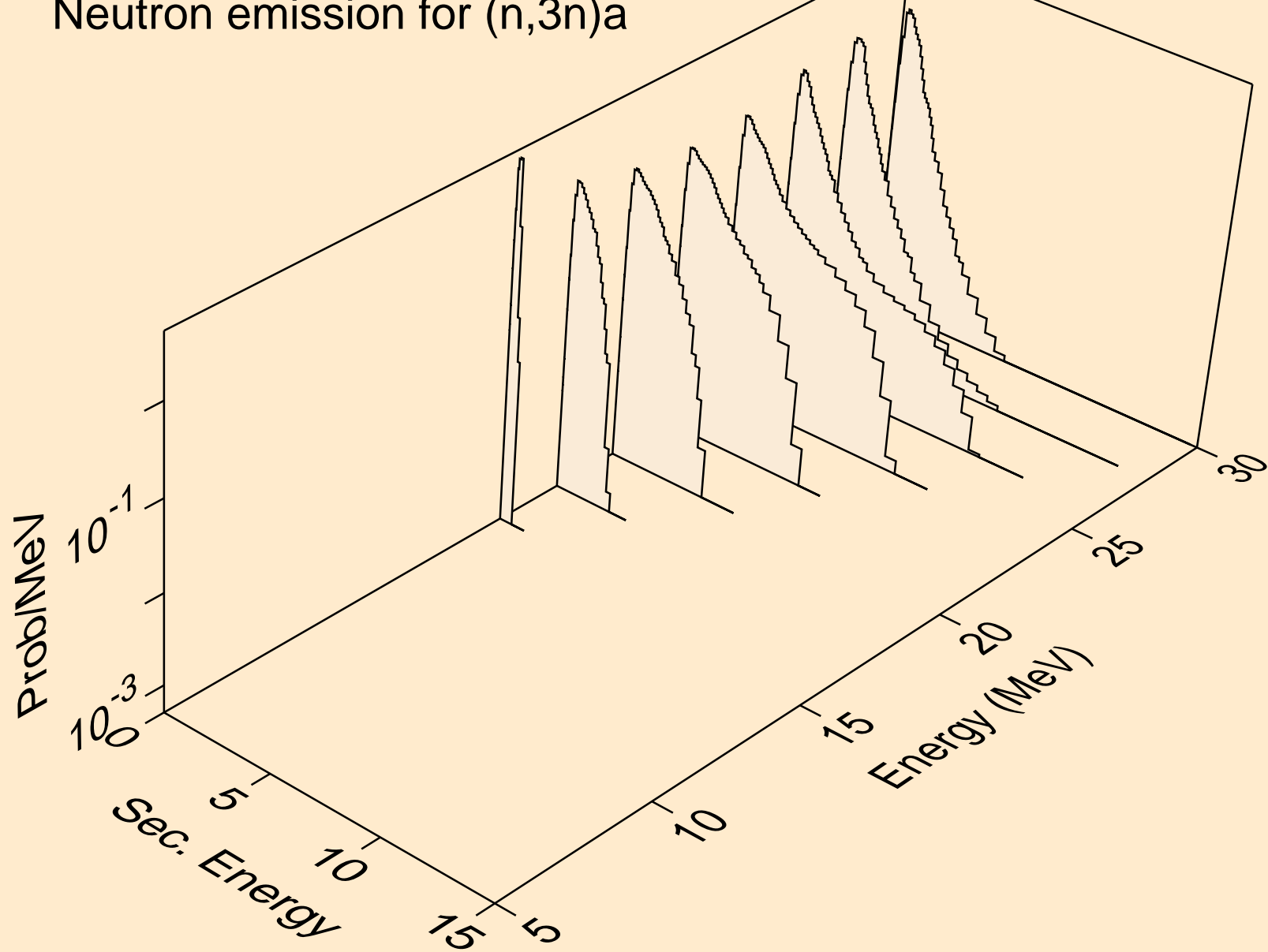
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



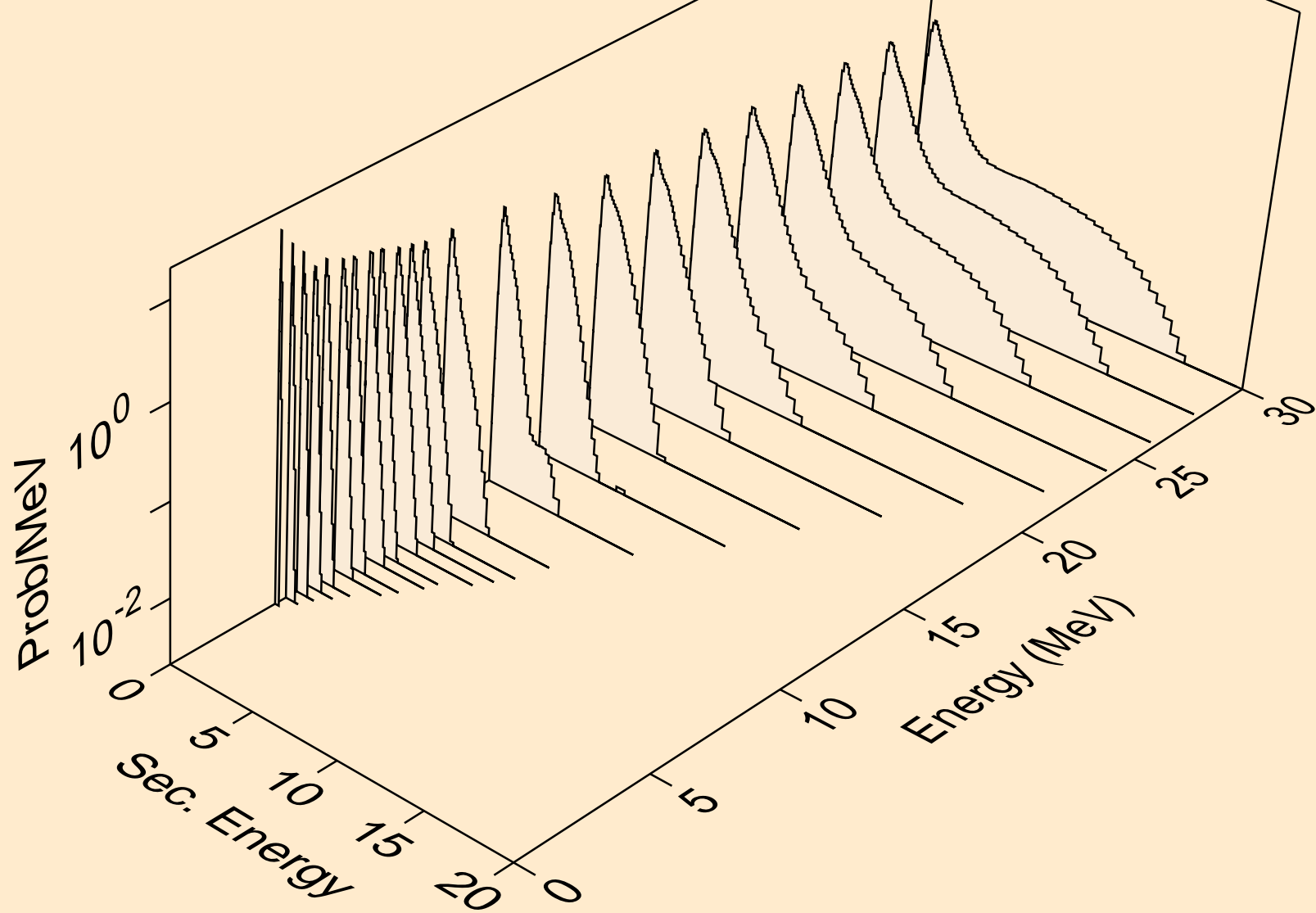
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



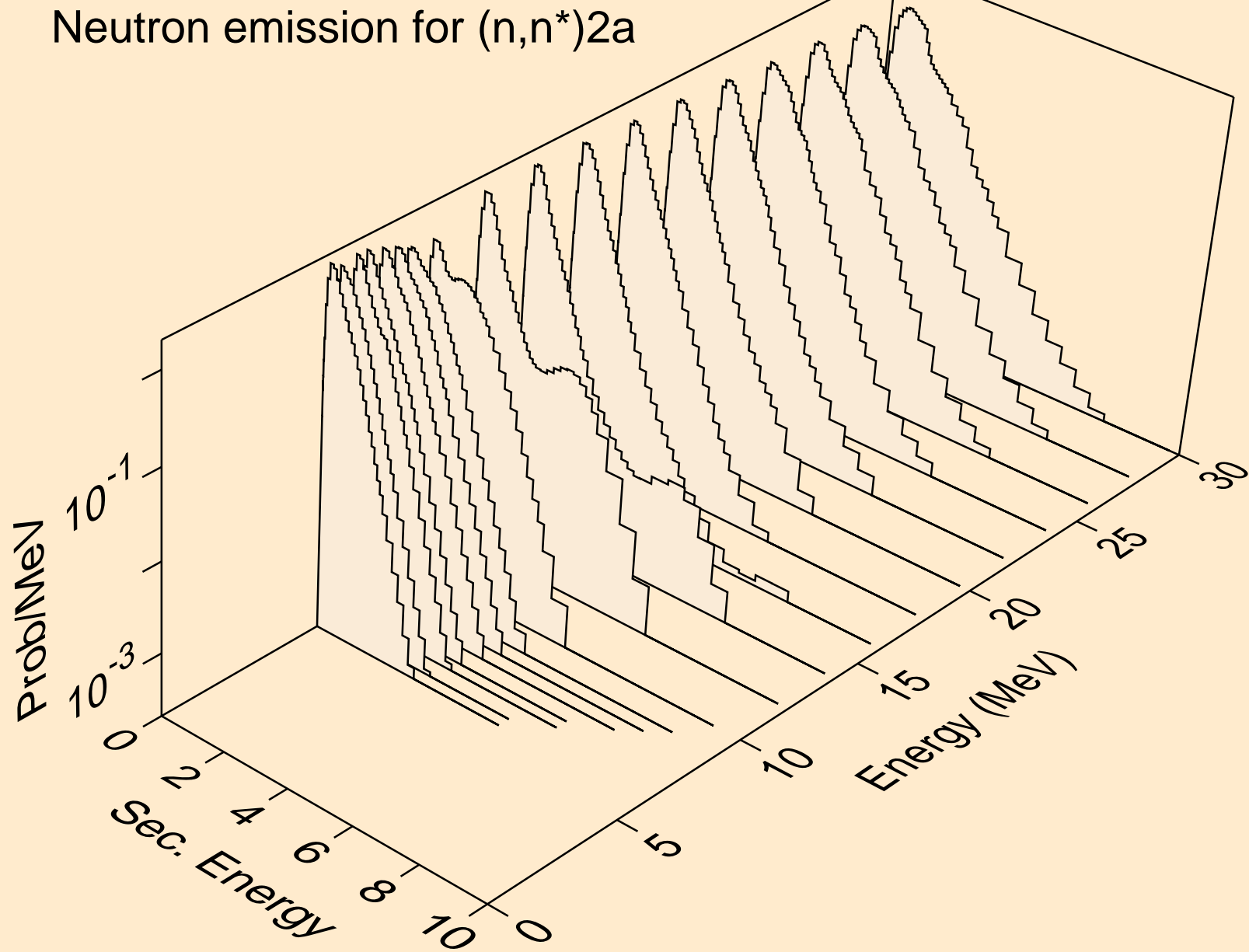
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



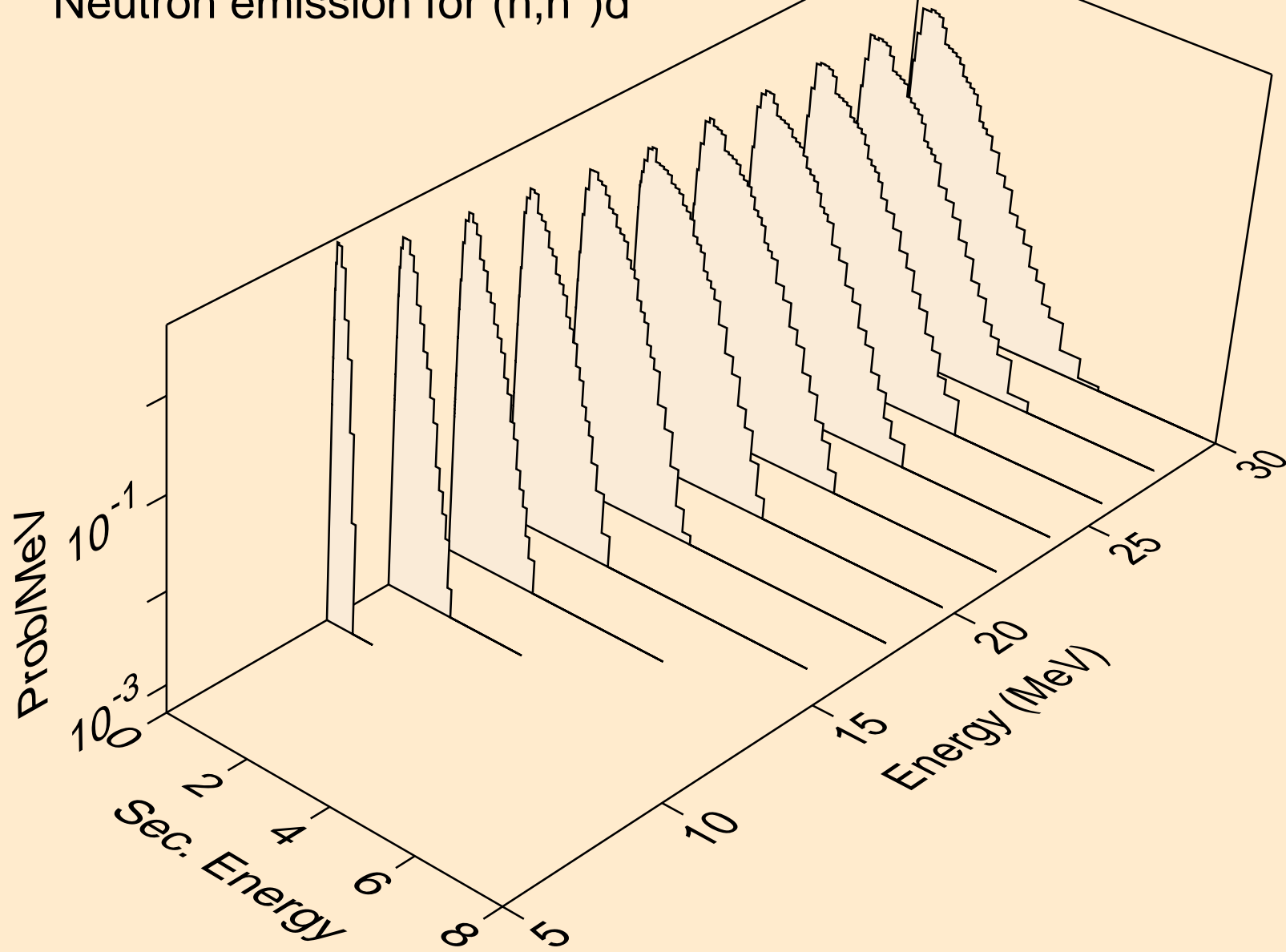
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



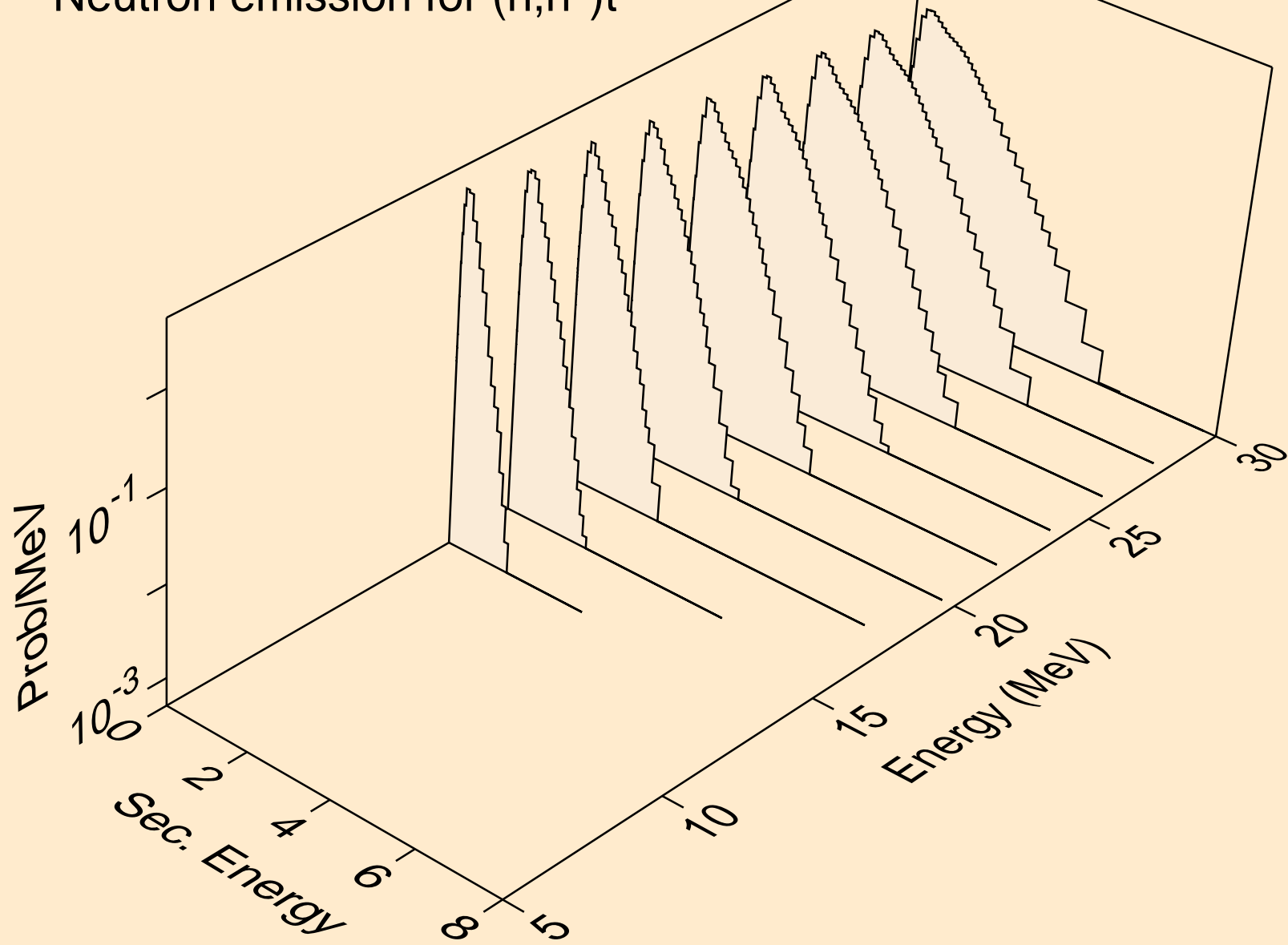
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

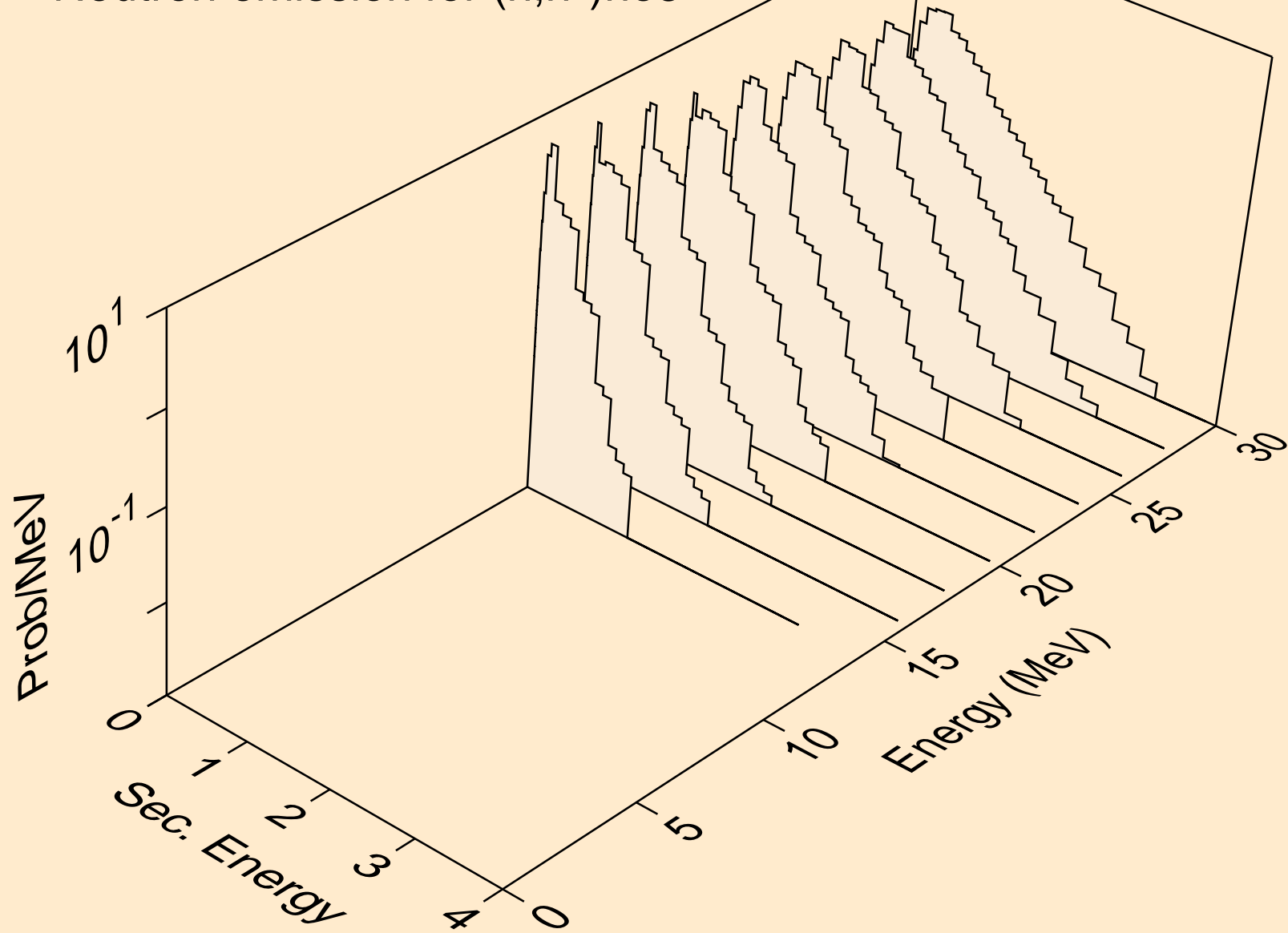


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

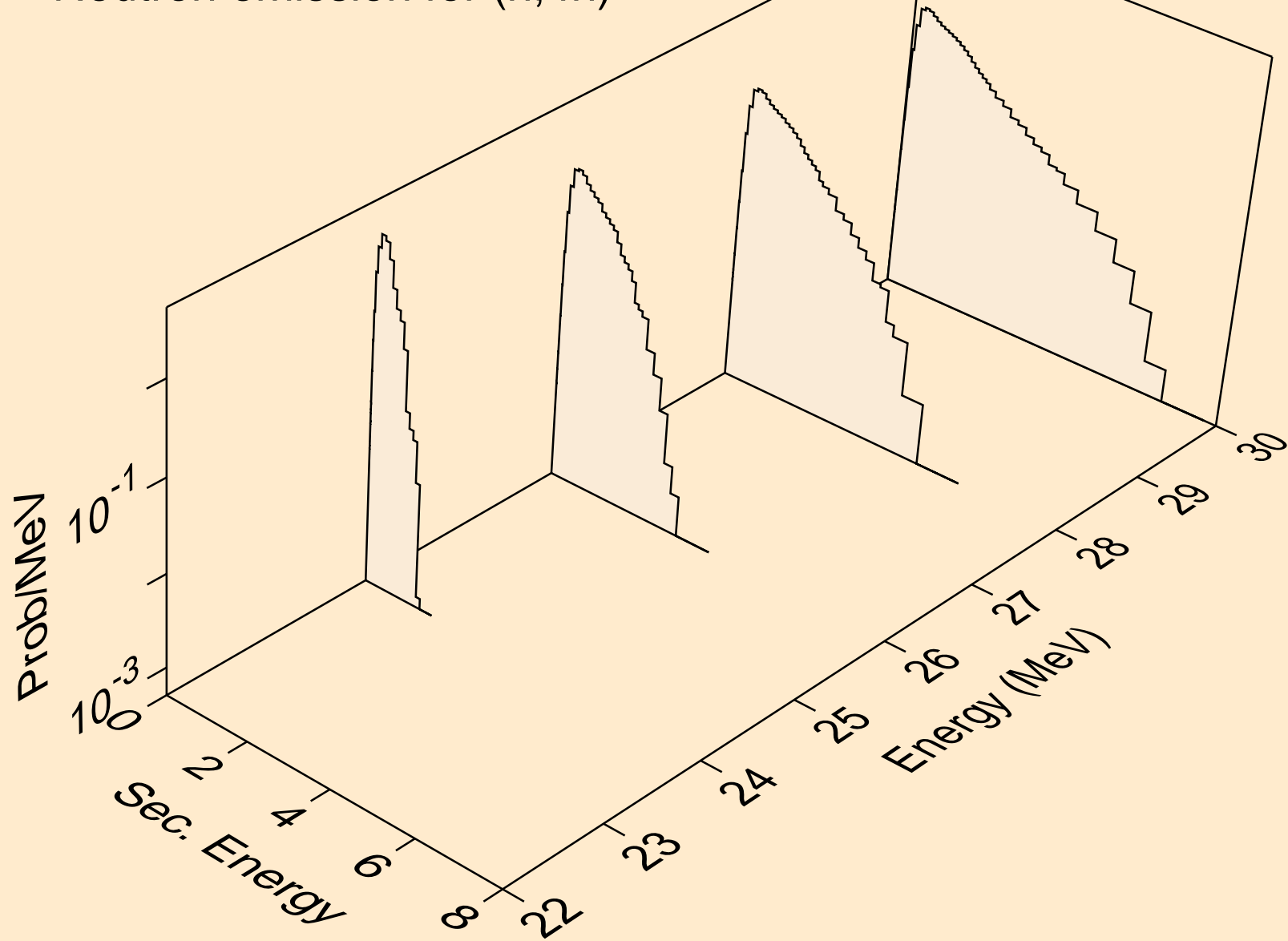




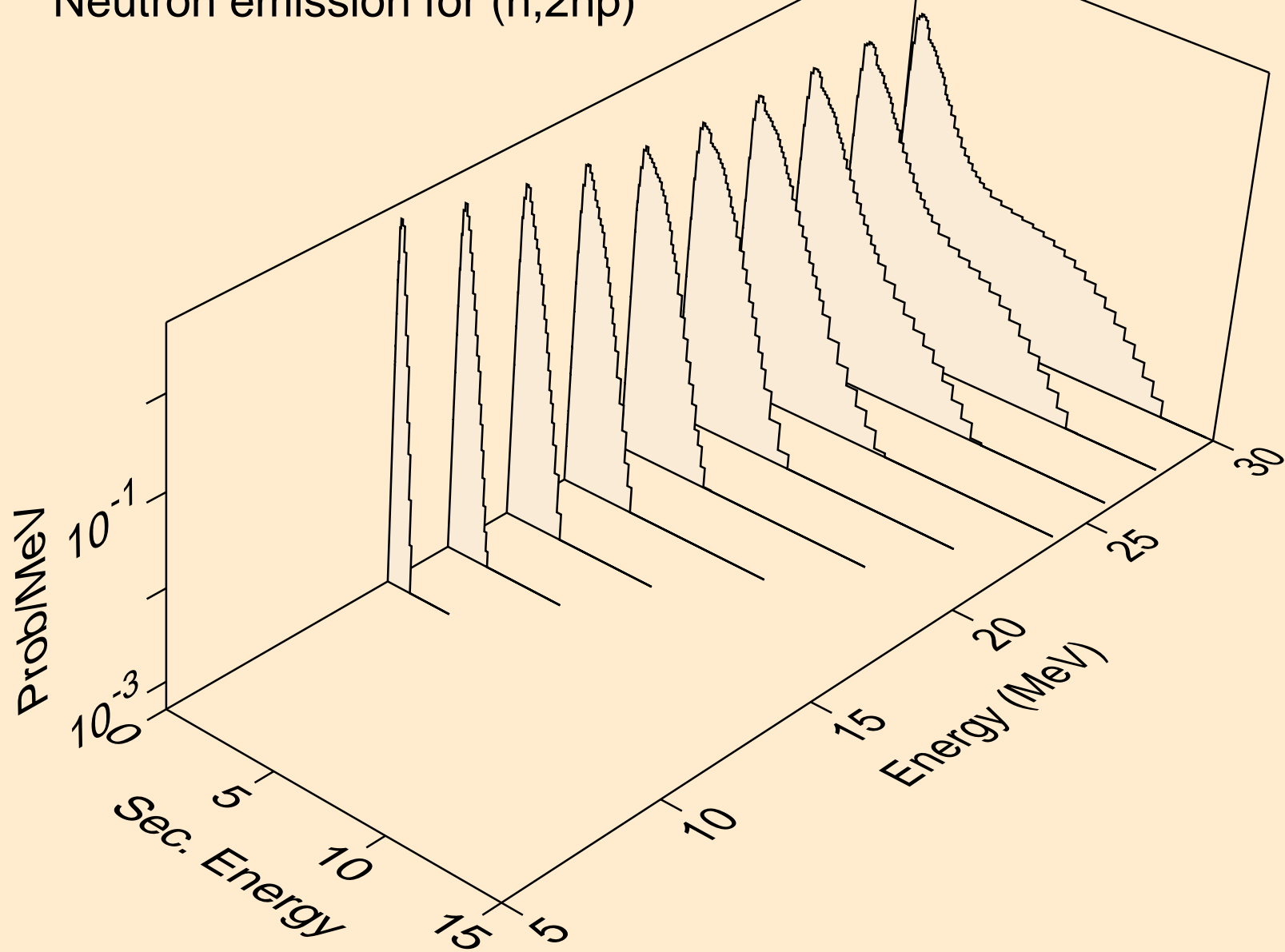
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



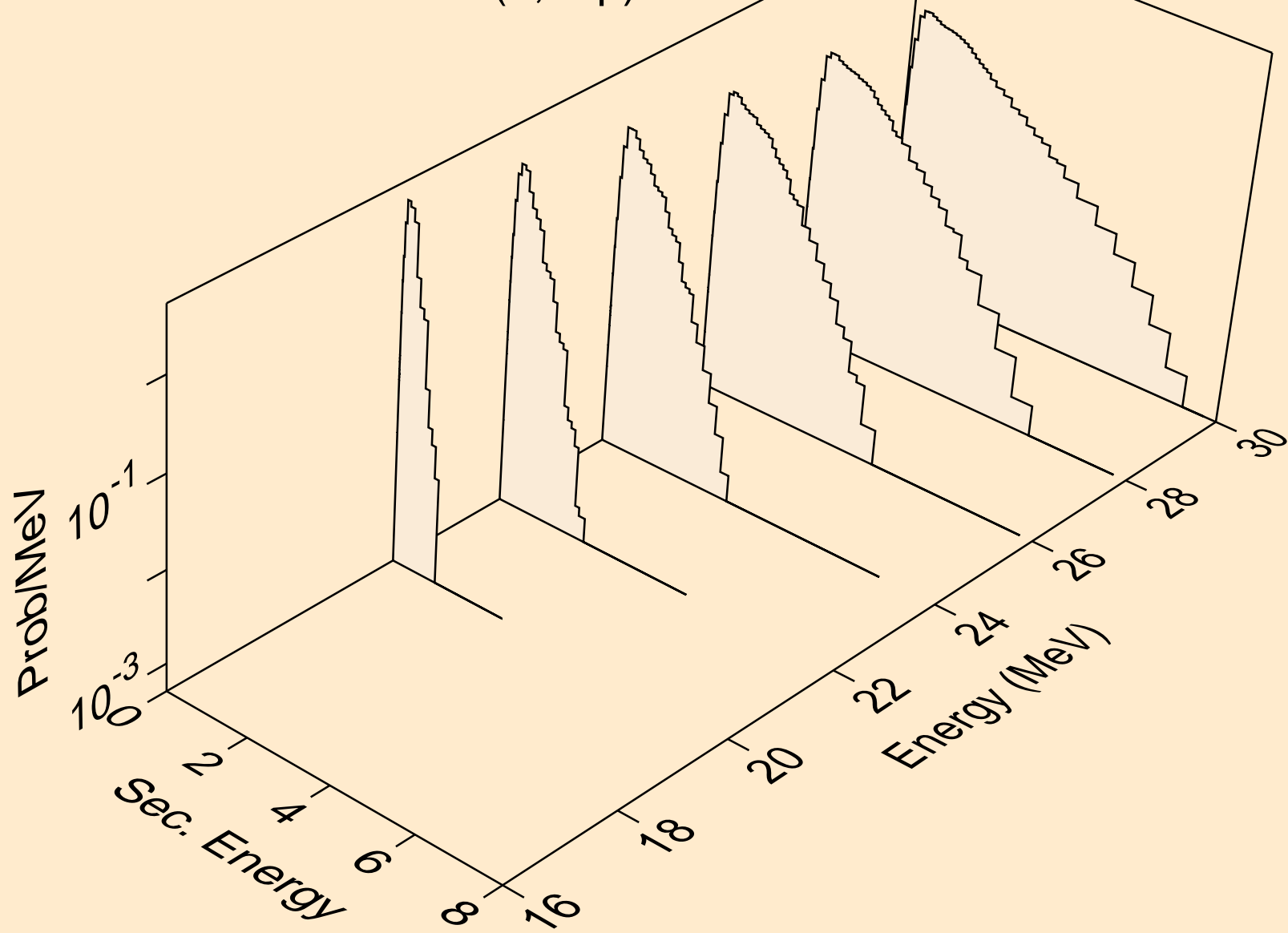
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



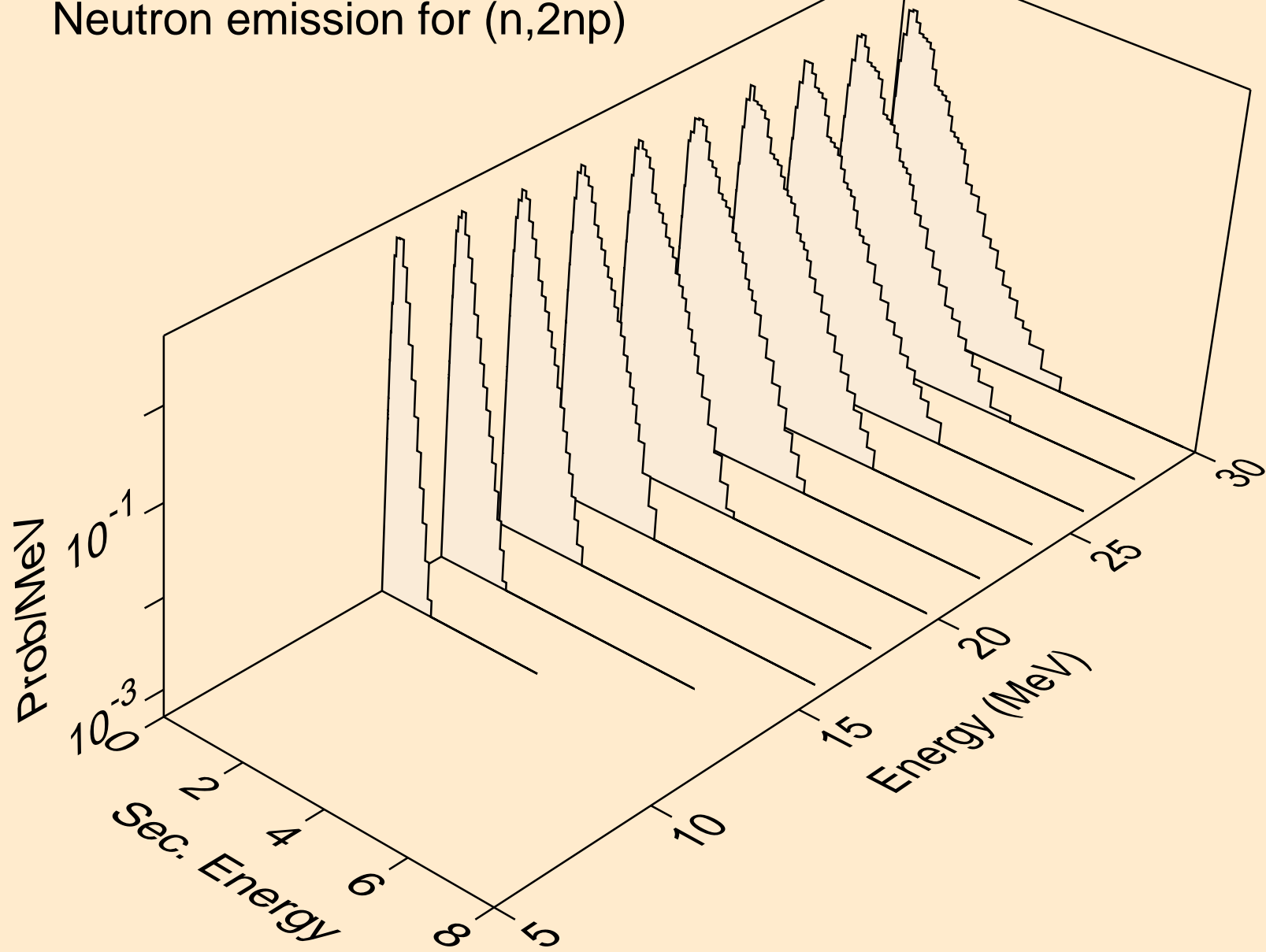
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



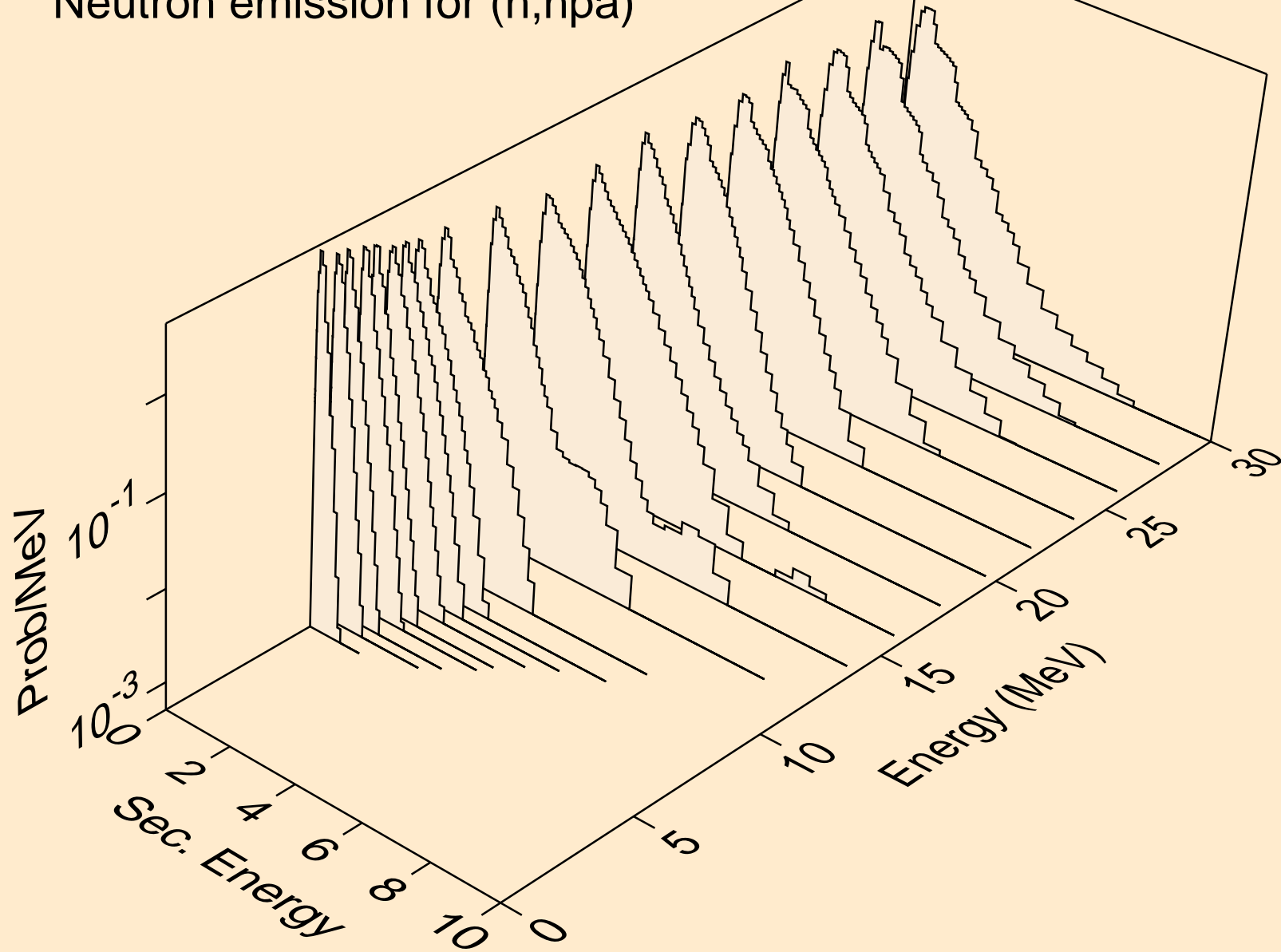
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



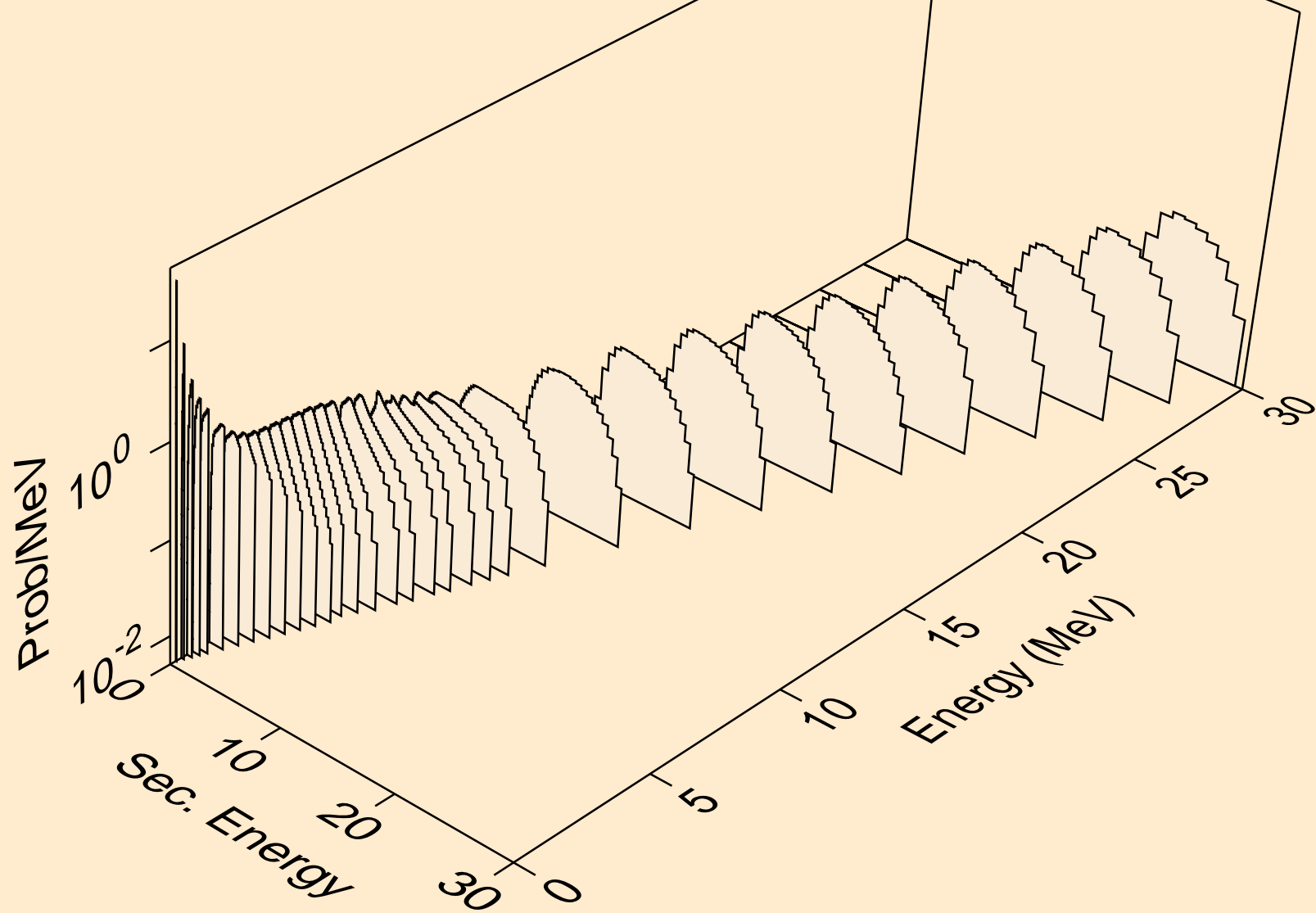
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

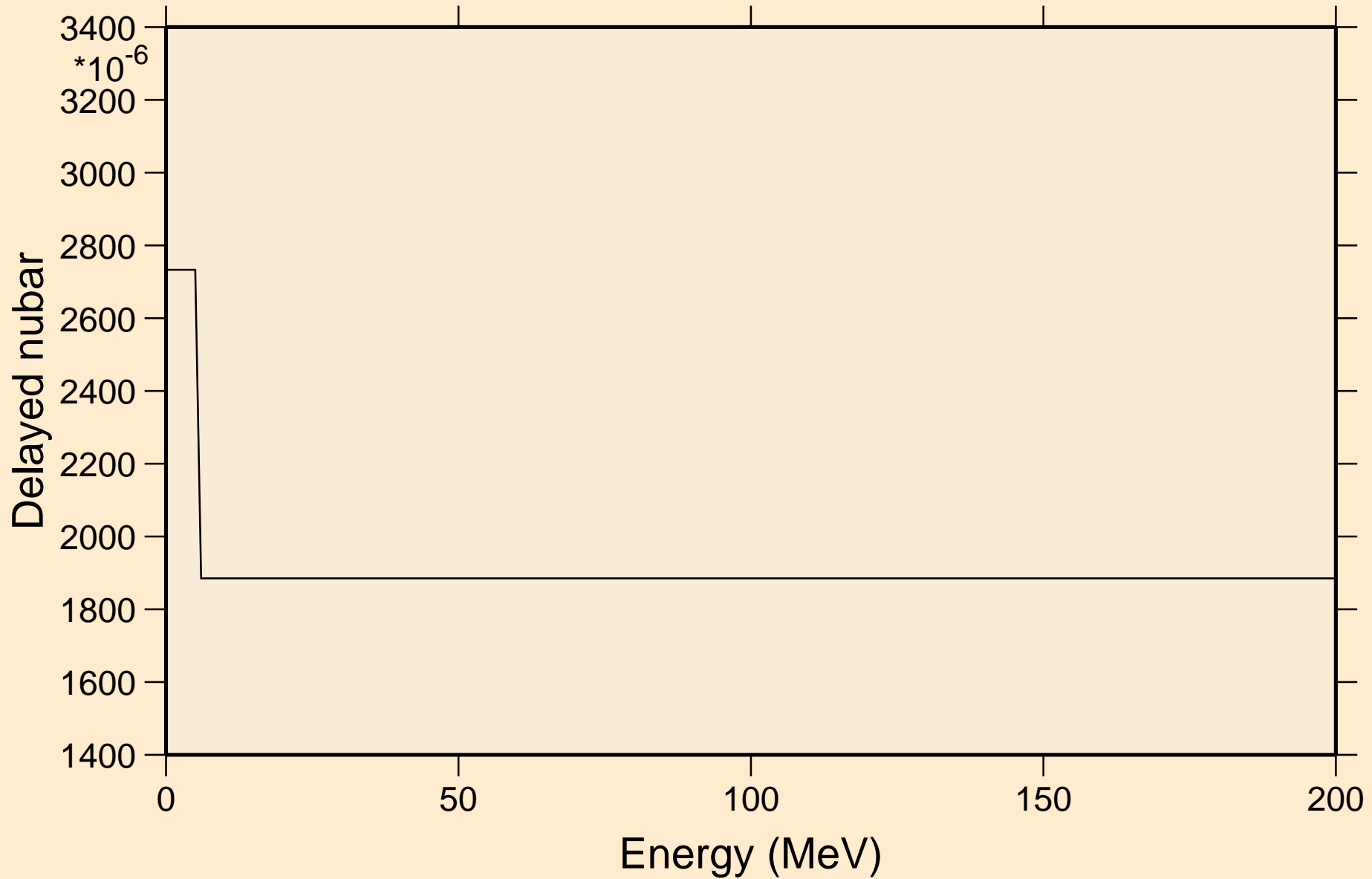


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



# MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

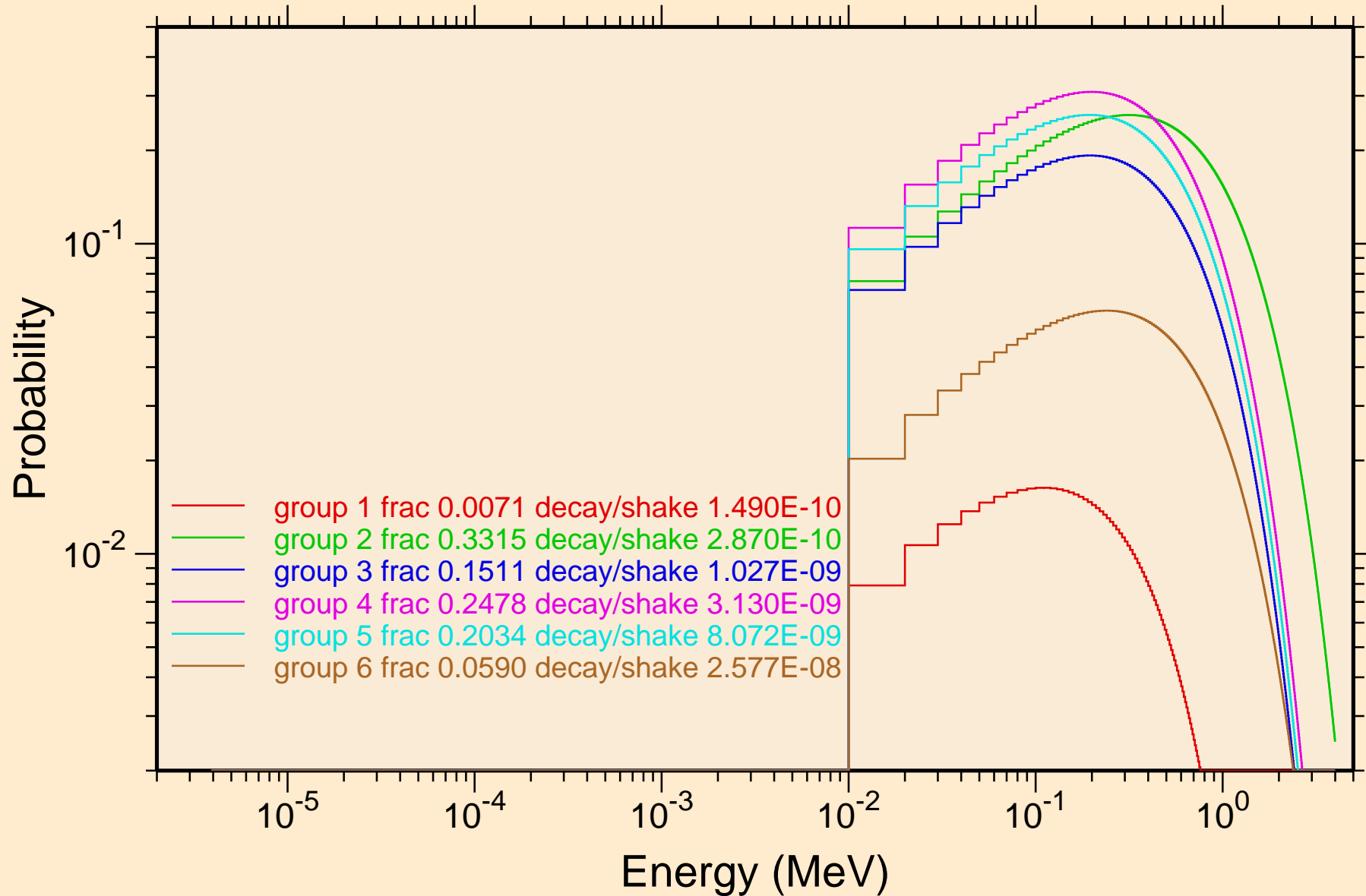
## Delayed nubar



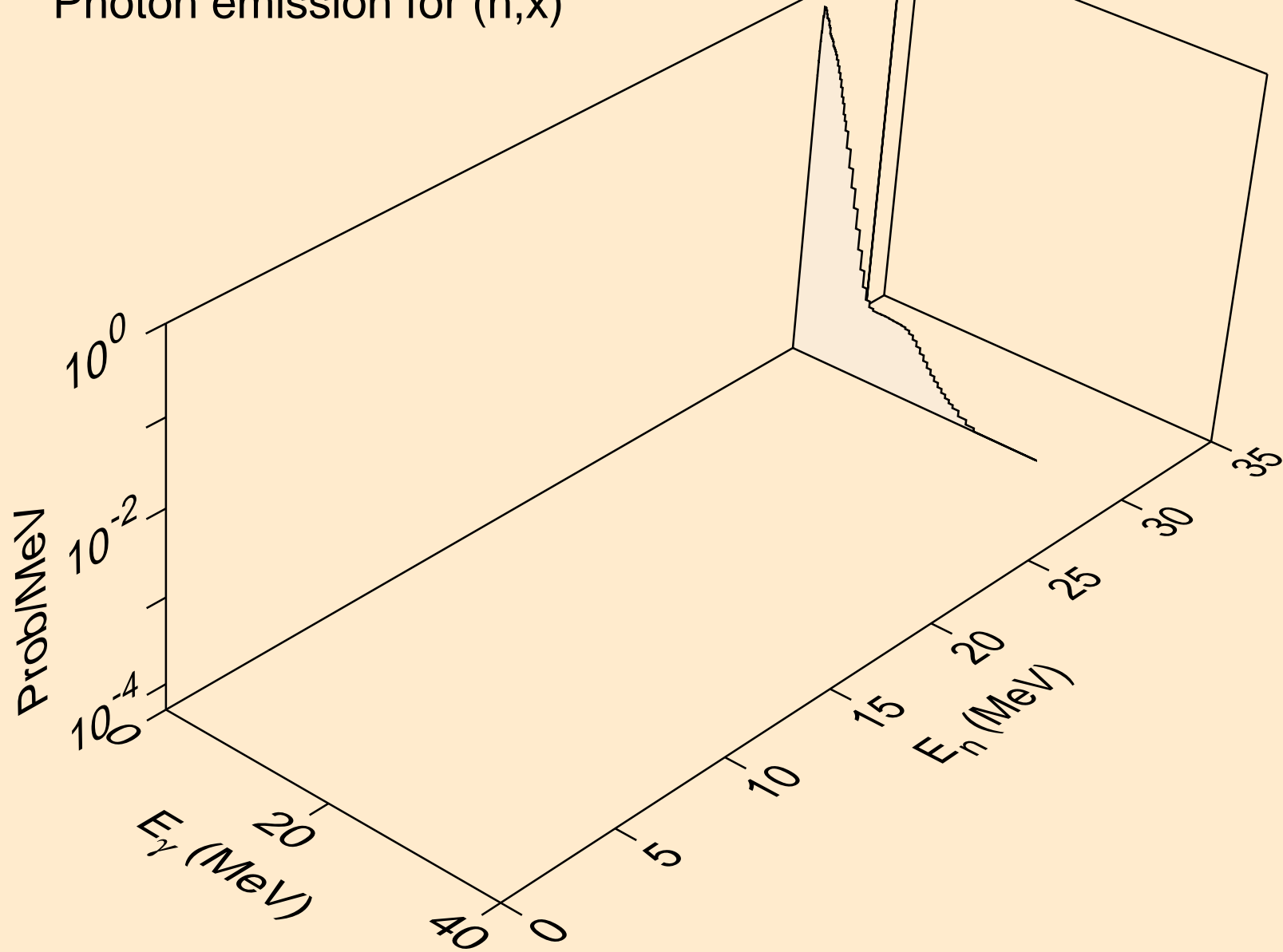


# MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

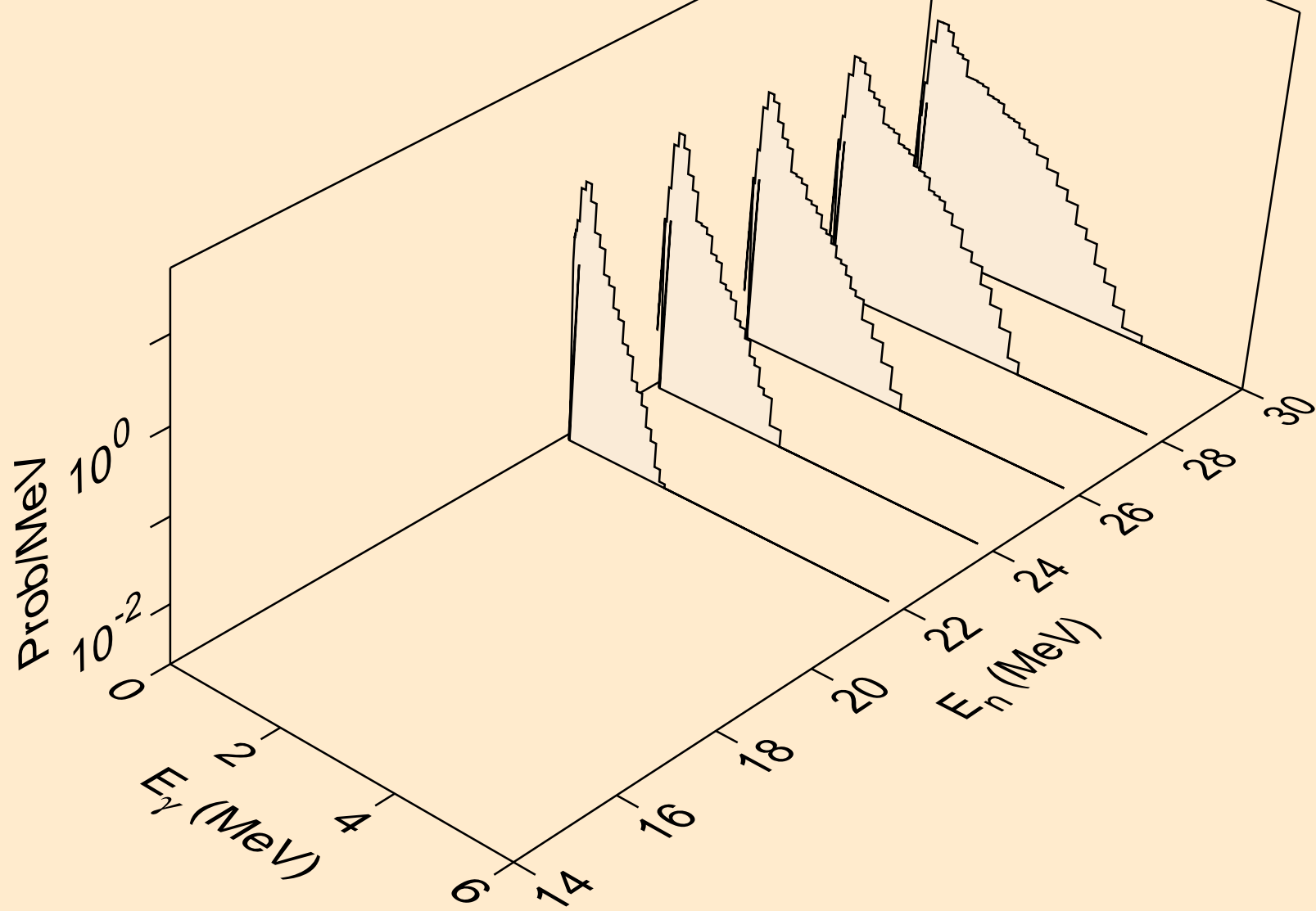
## Delayed neutron spectra



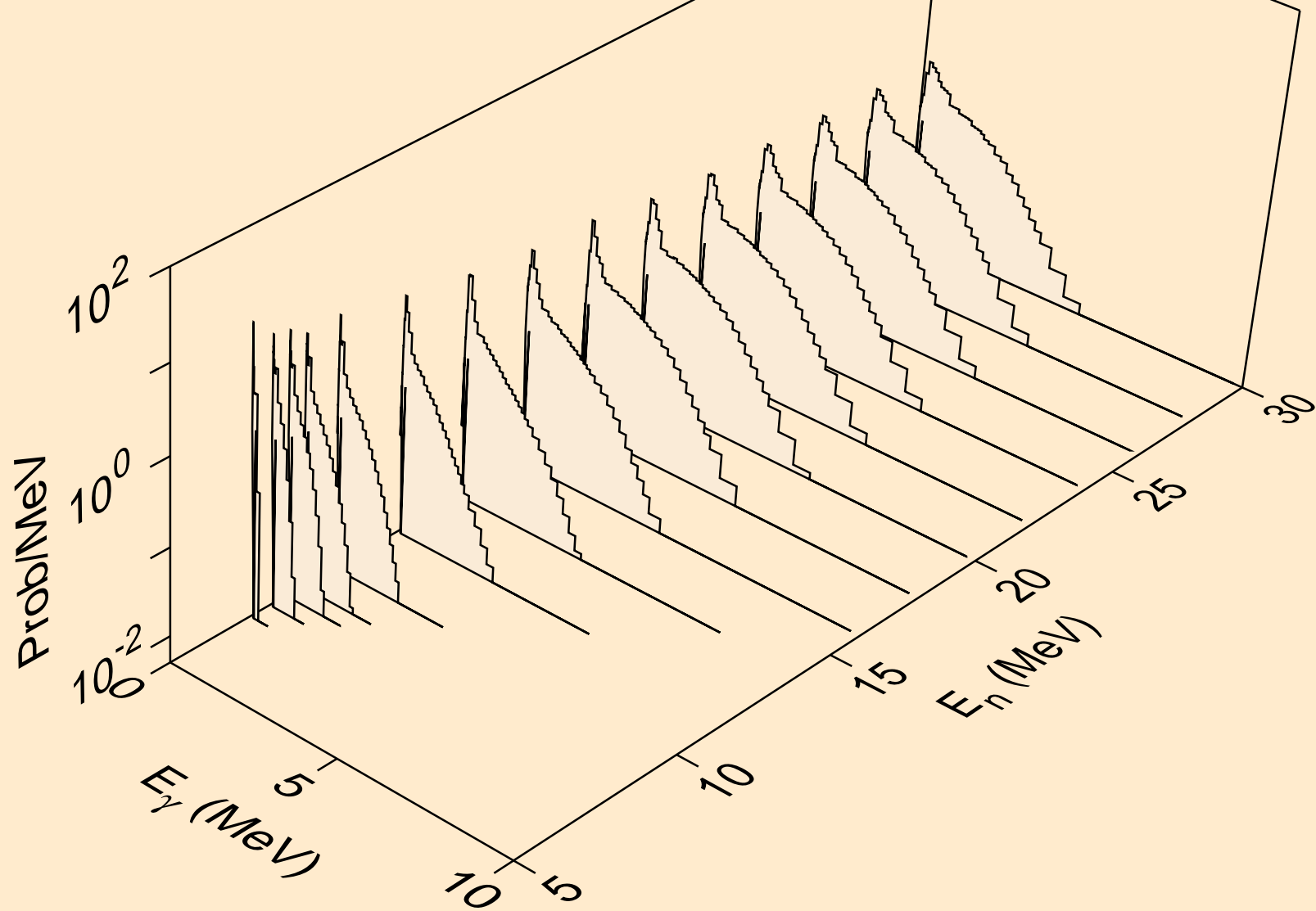
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



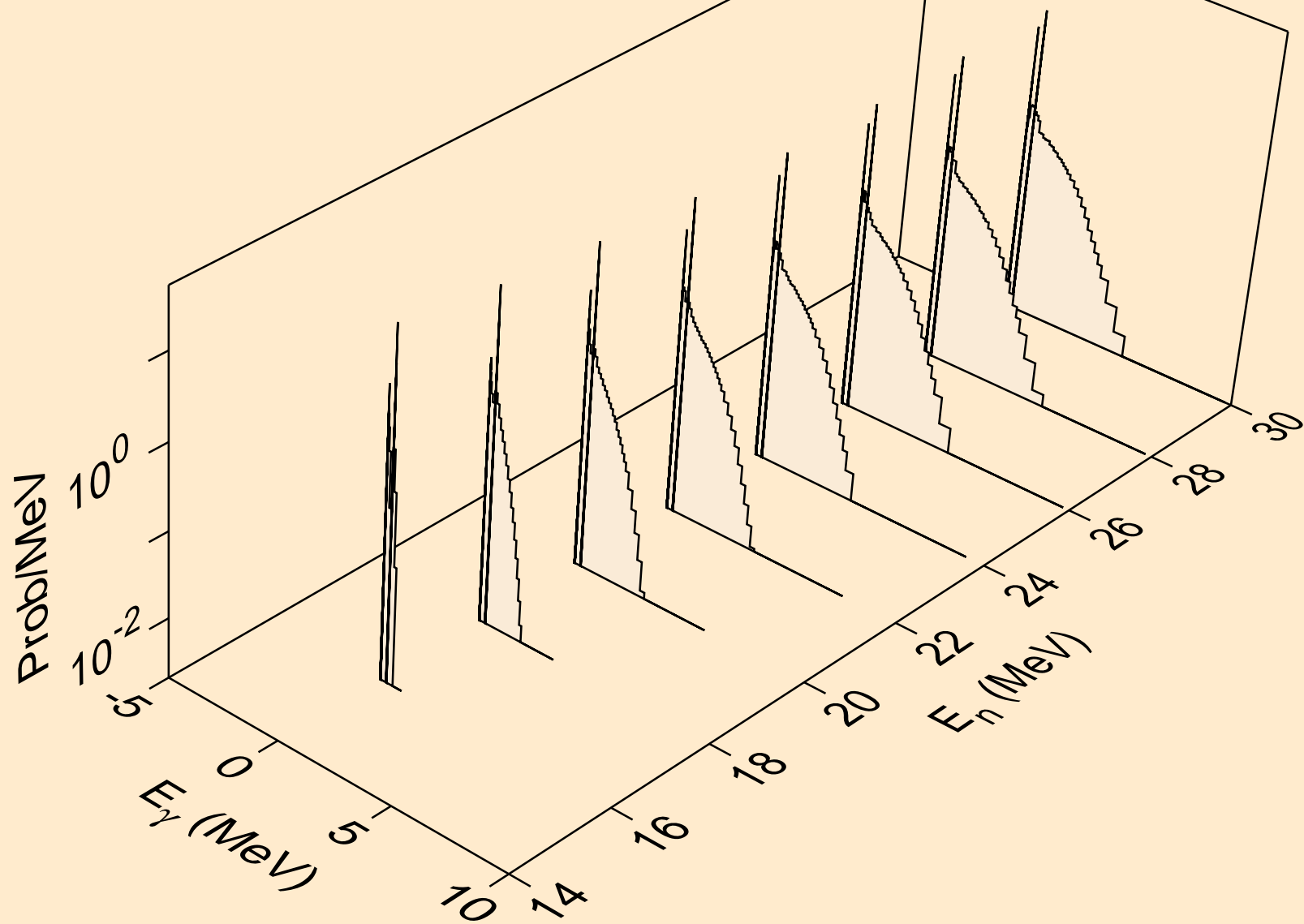
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



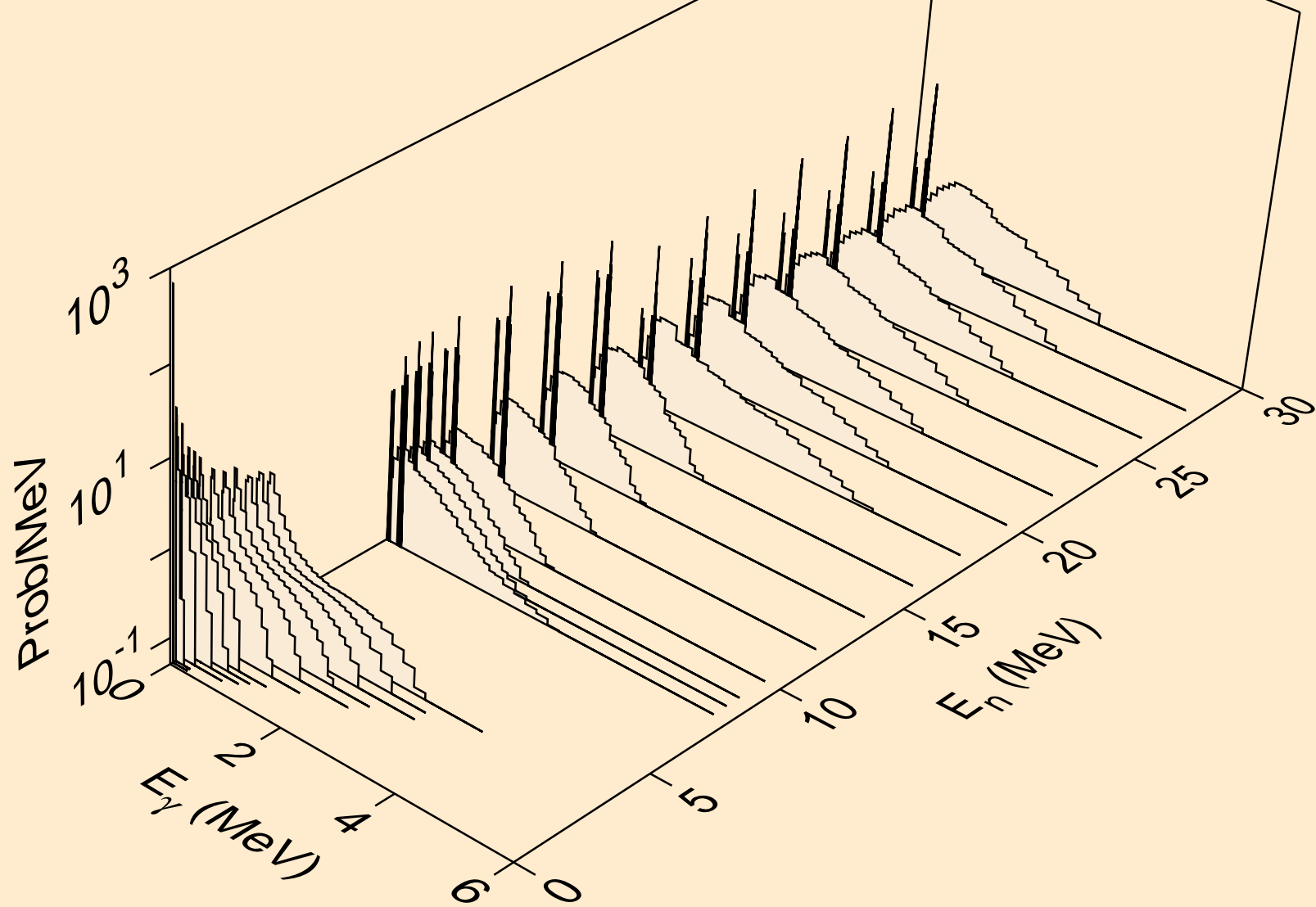
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



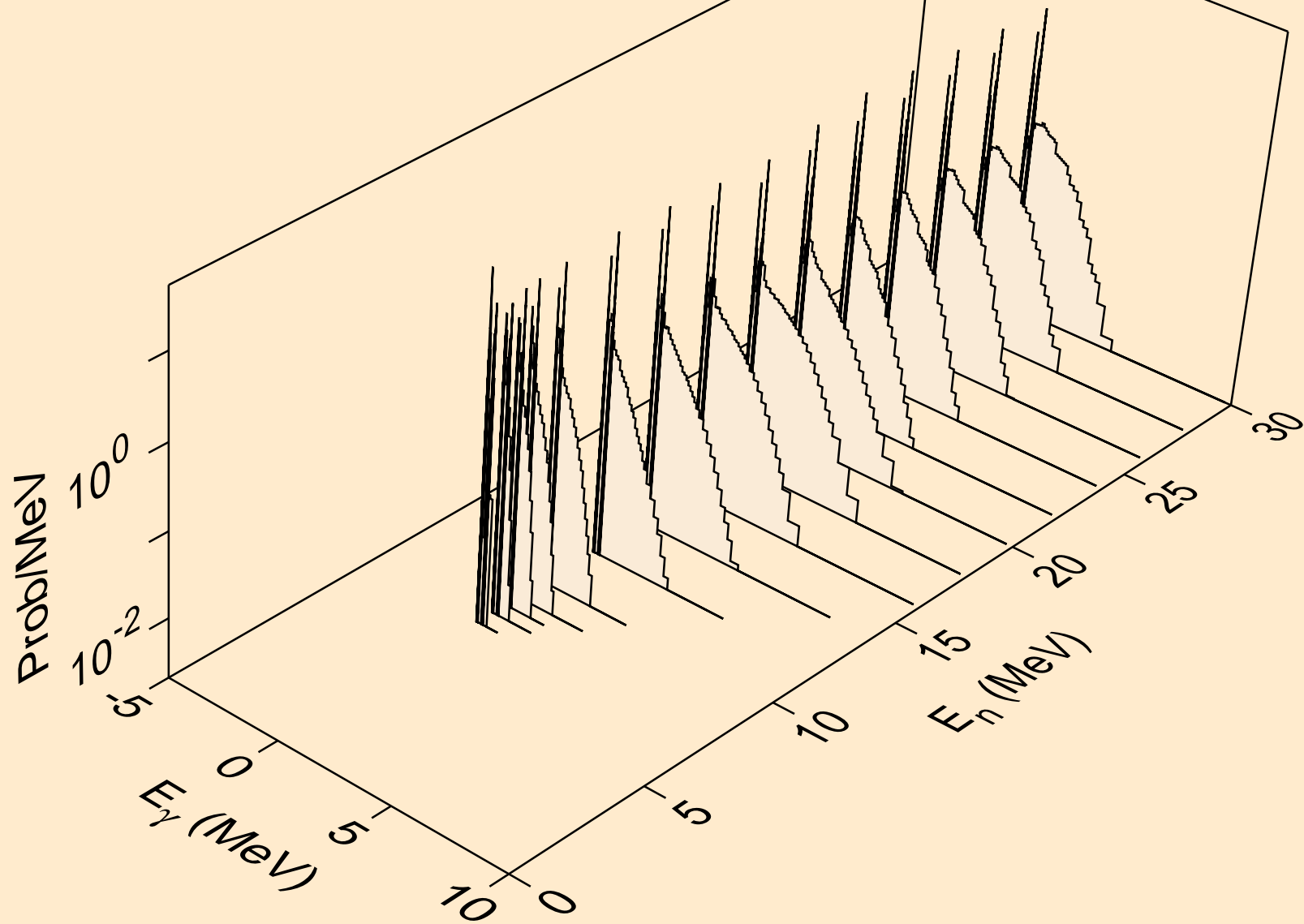
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



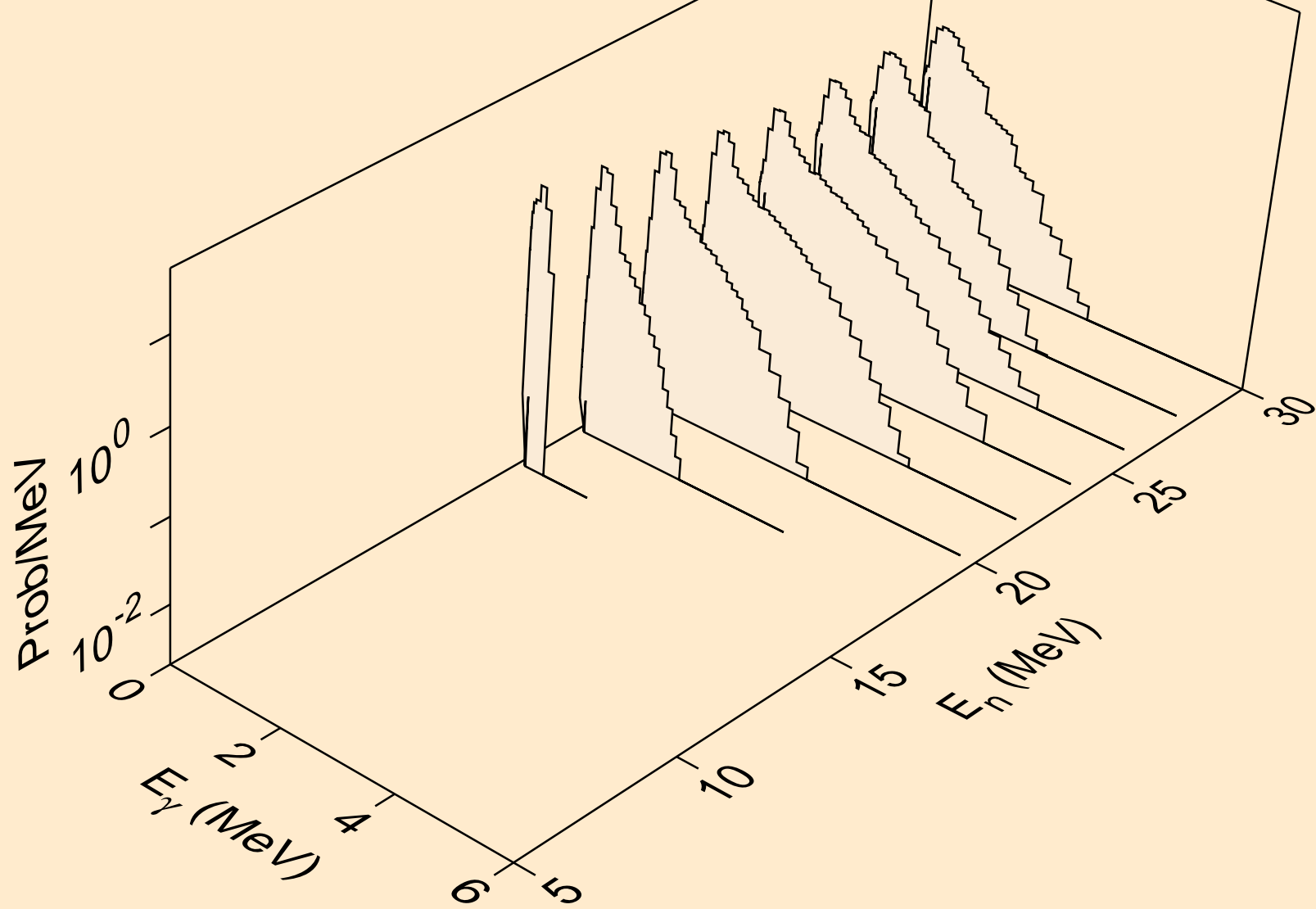
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

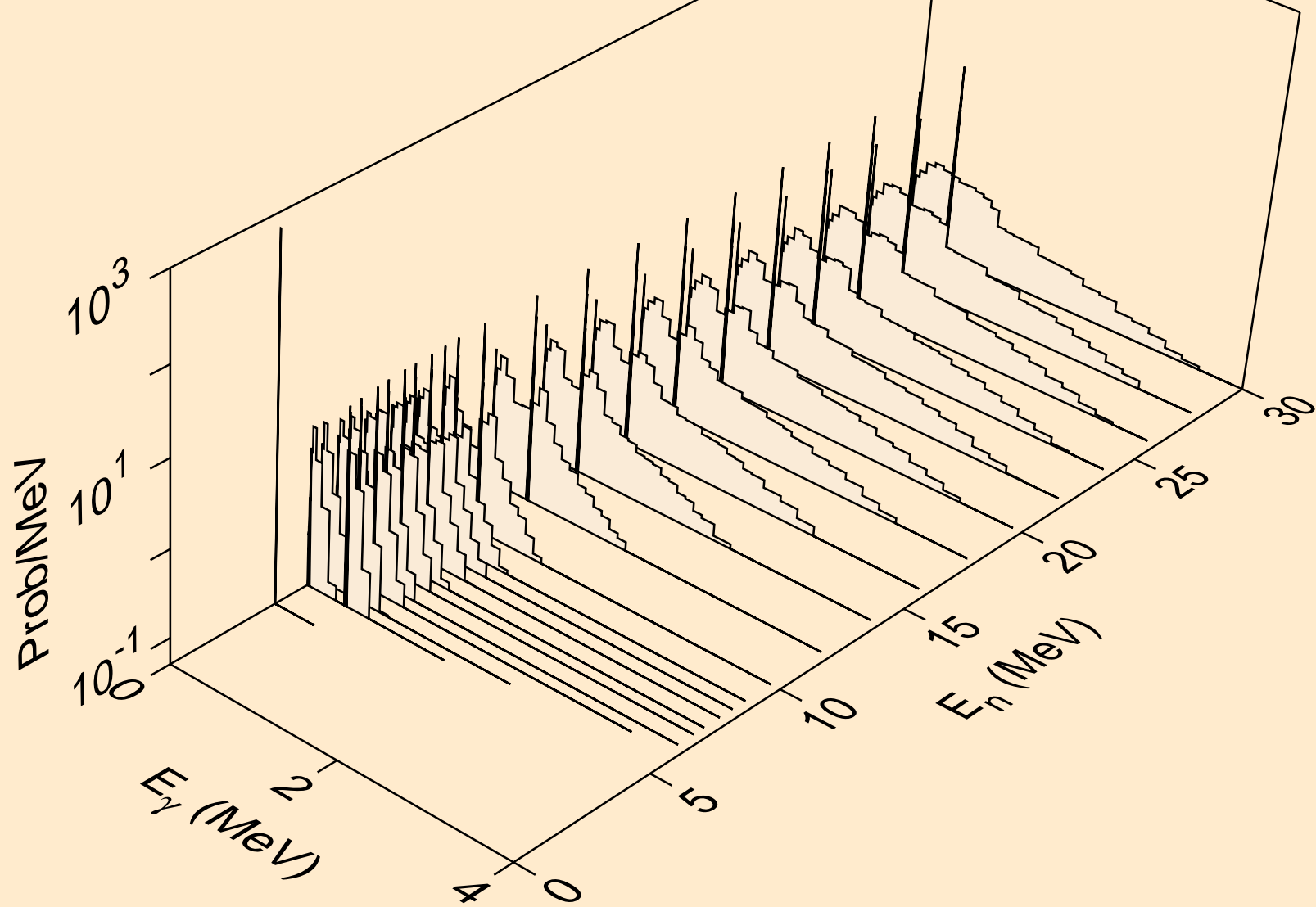


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

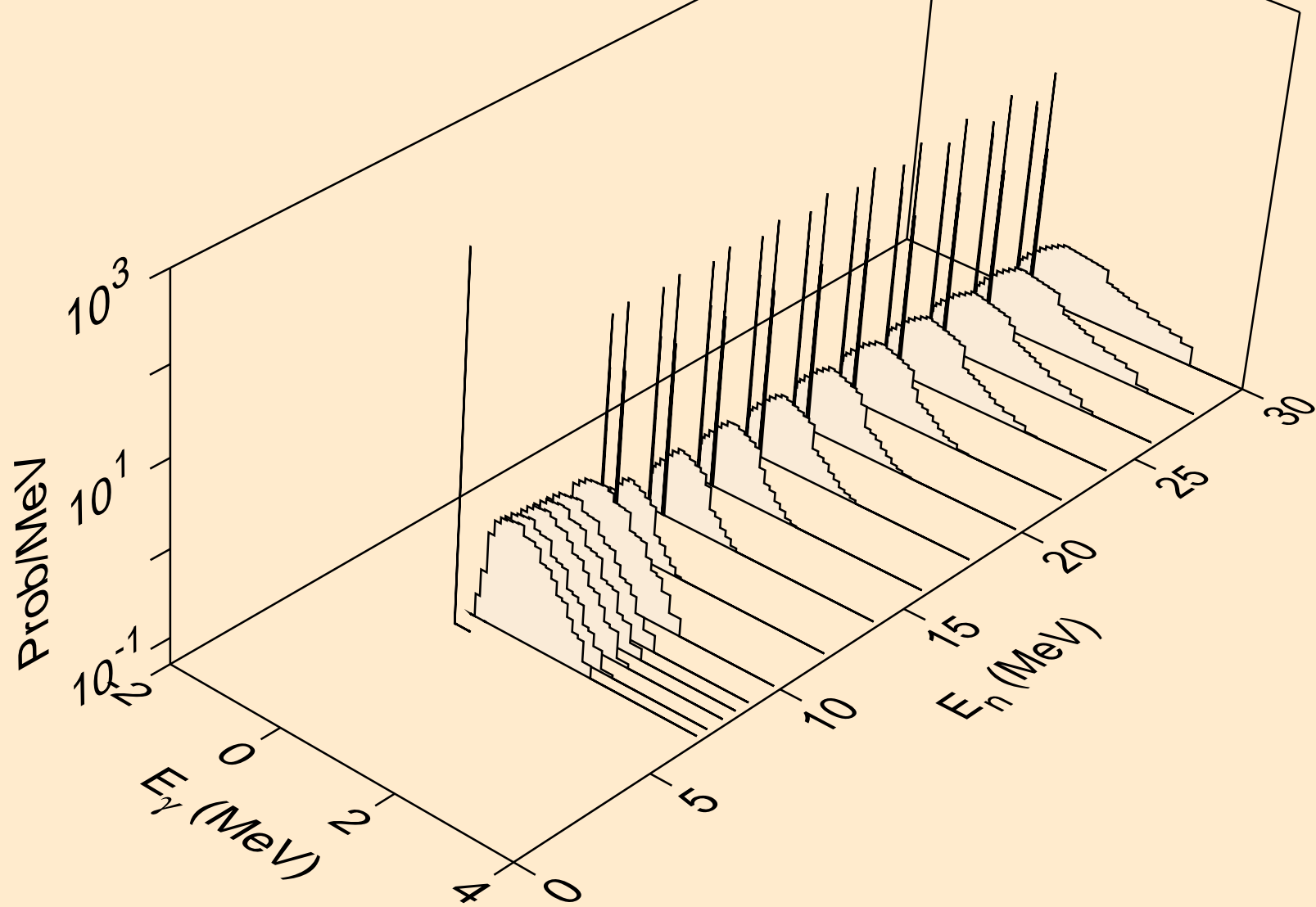




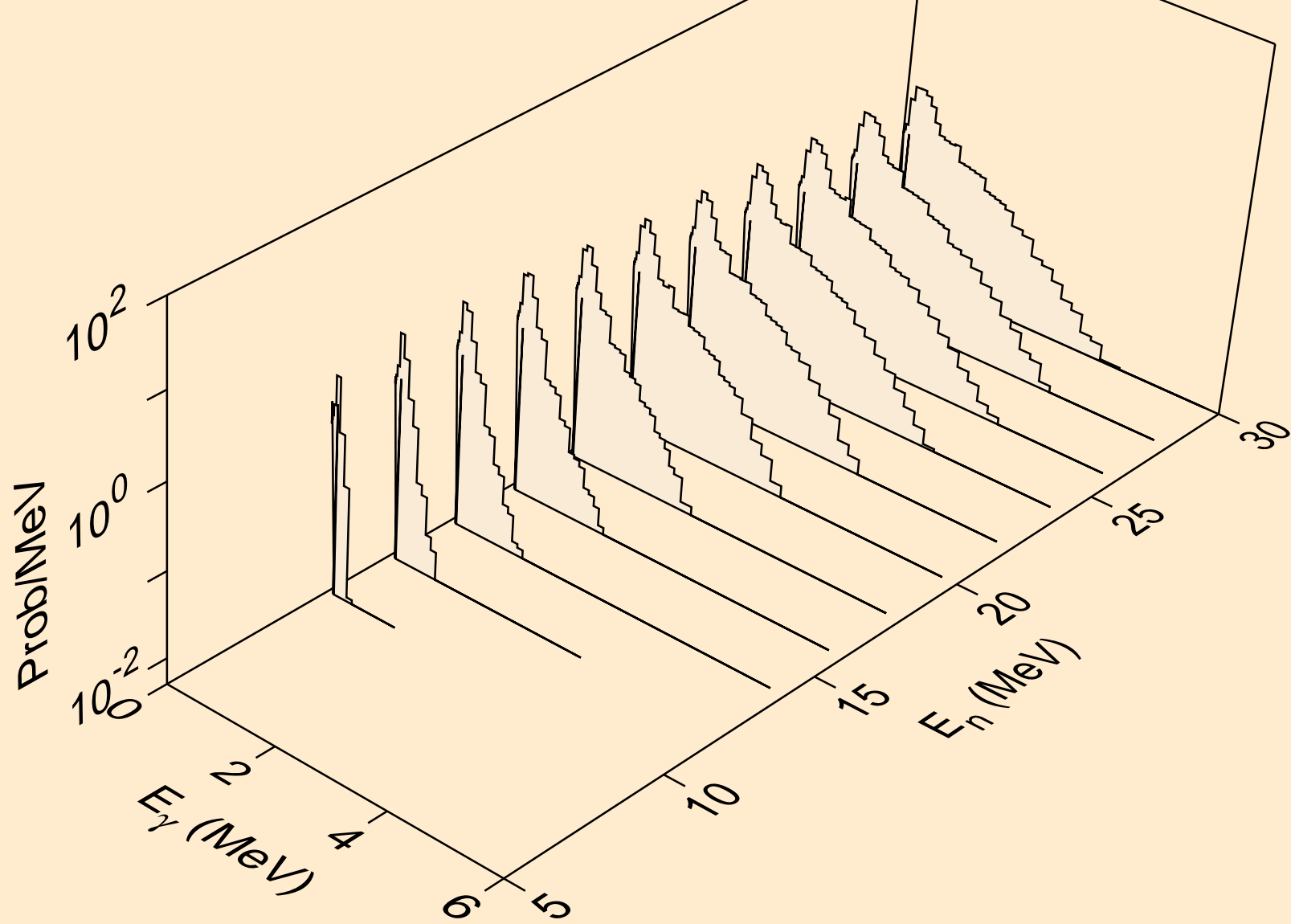
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



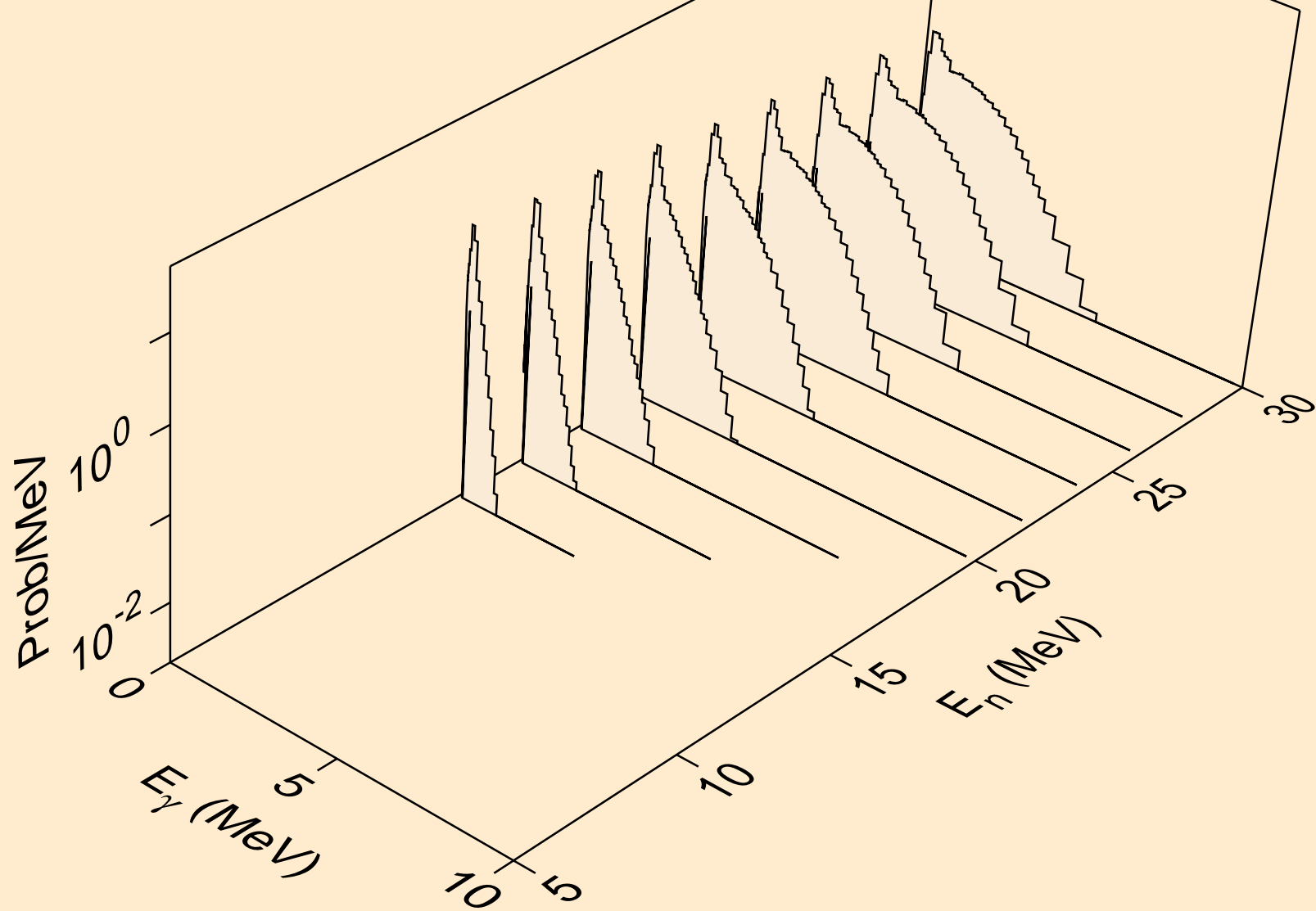
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



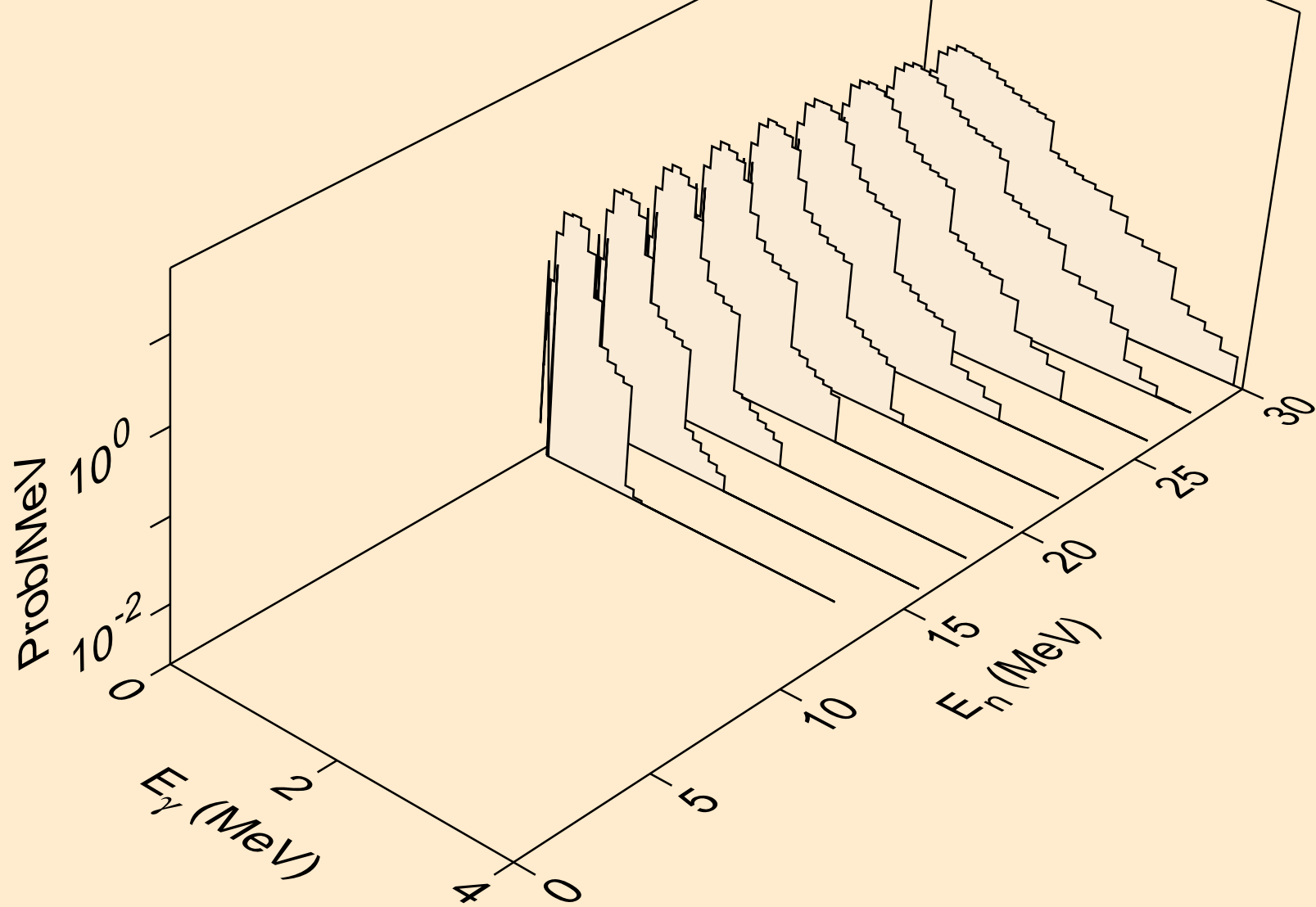
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



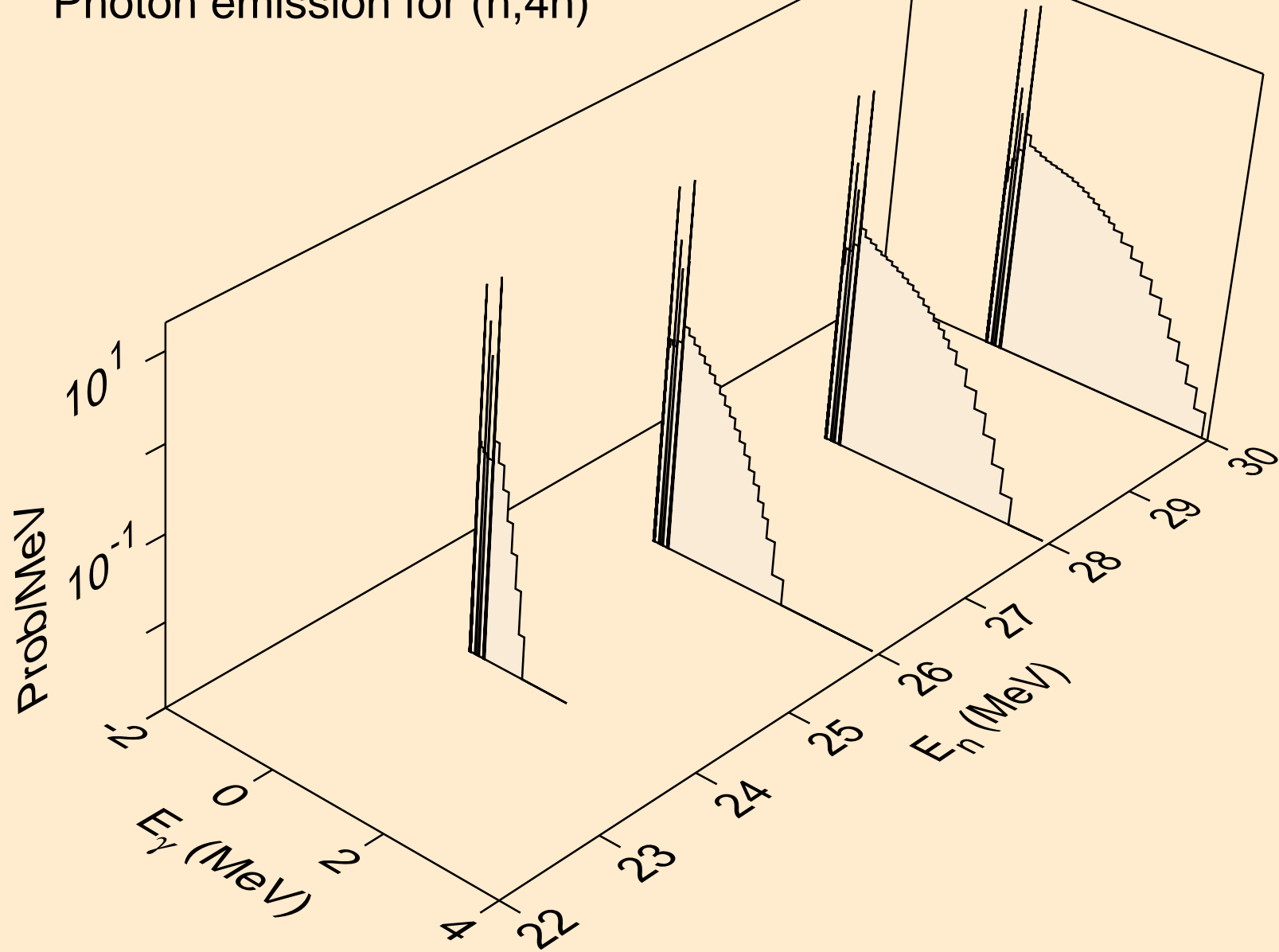
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



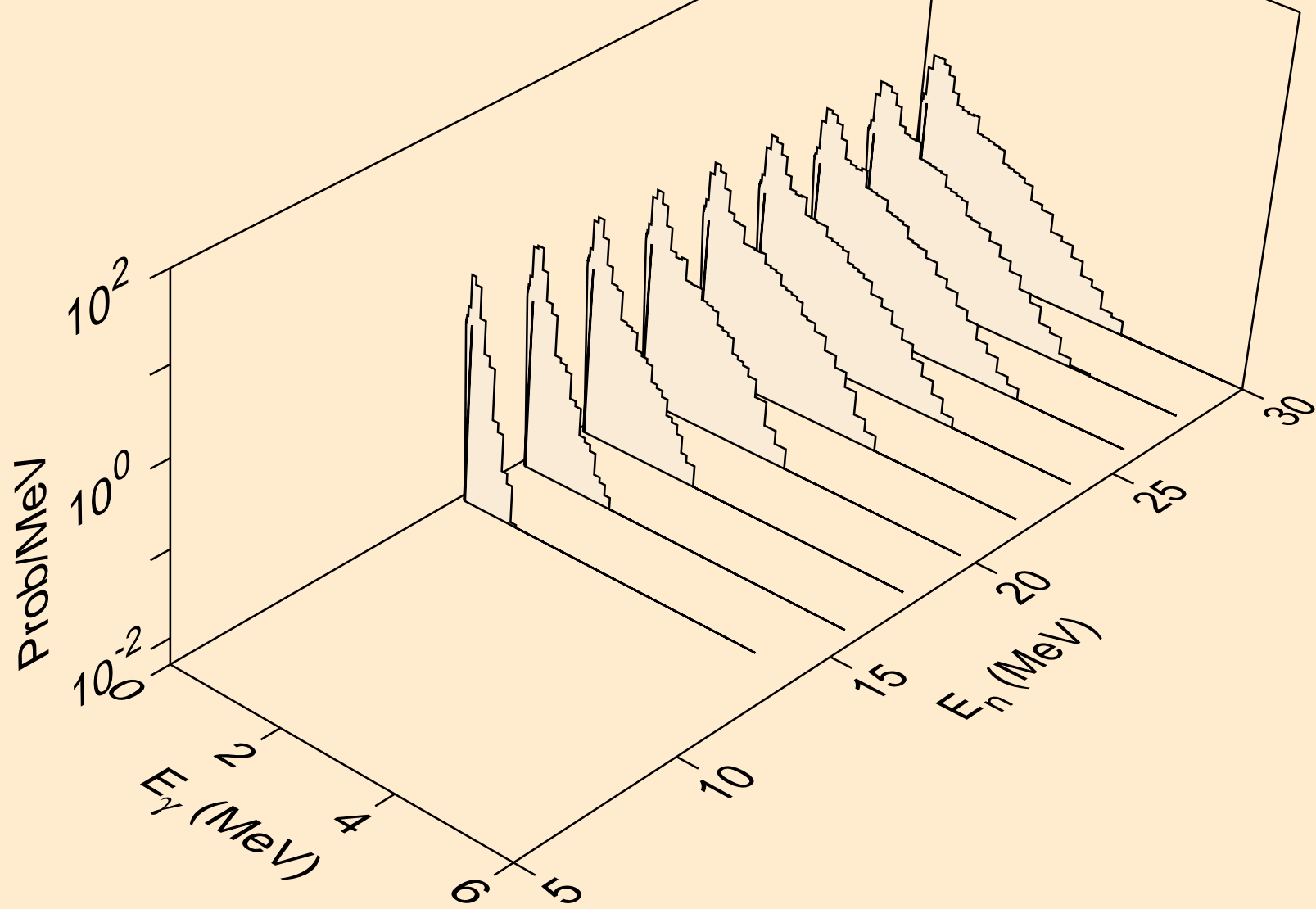
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



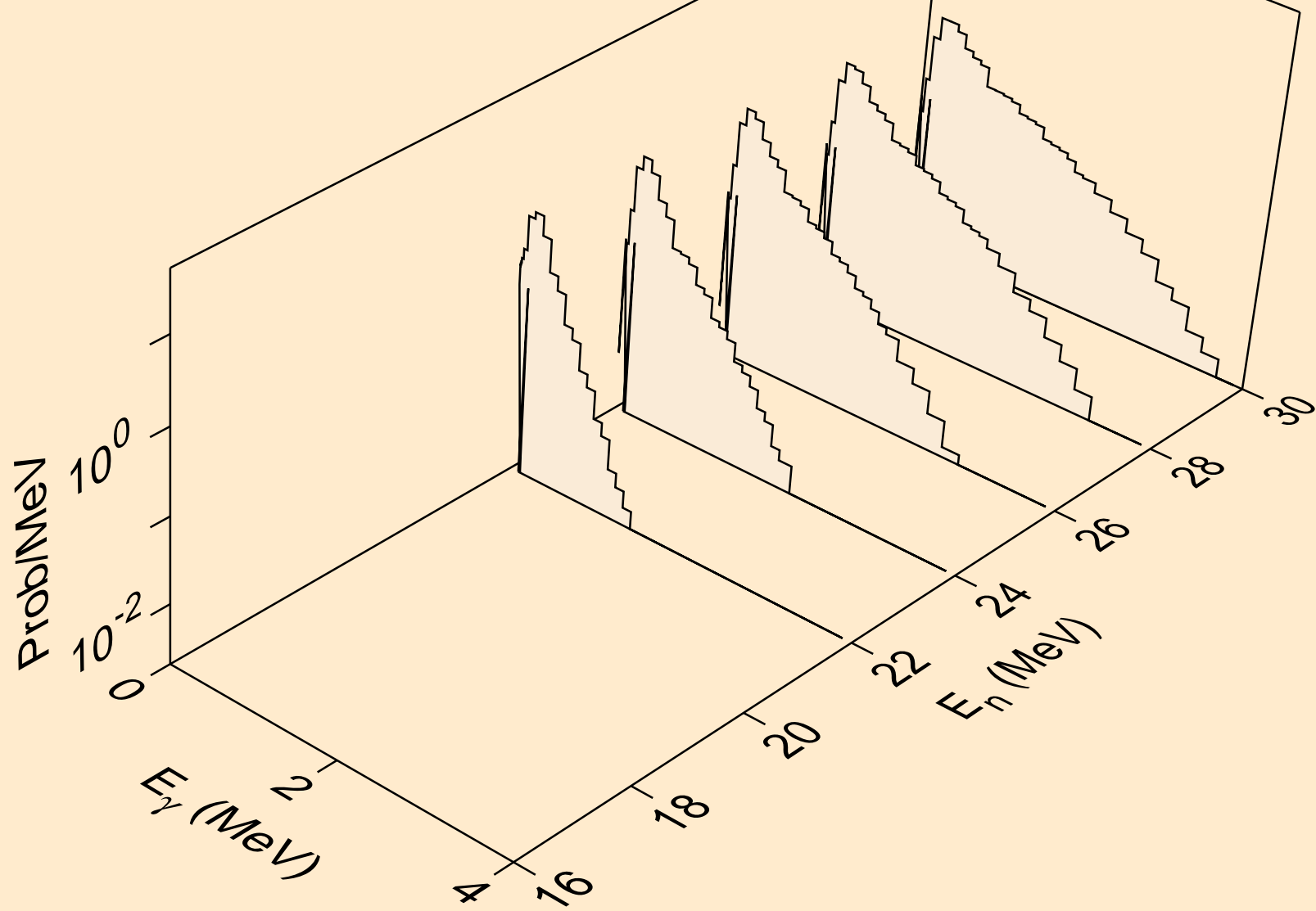
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

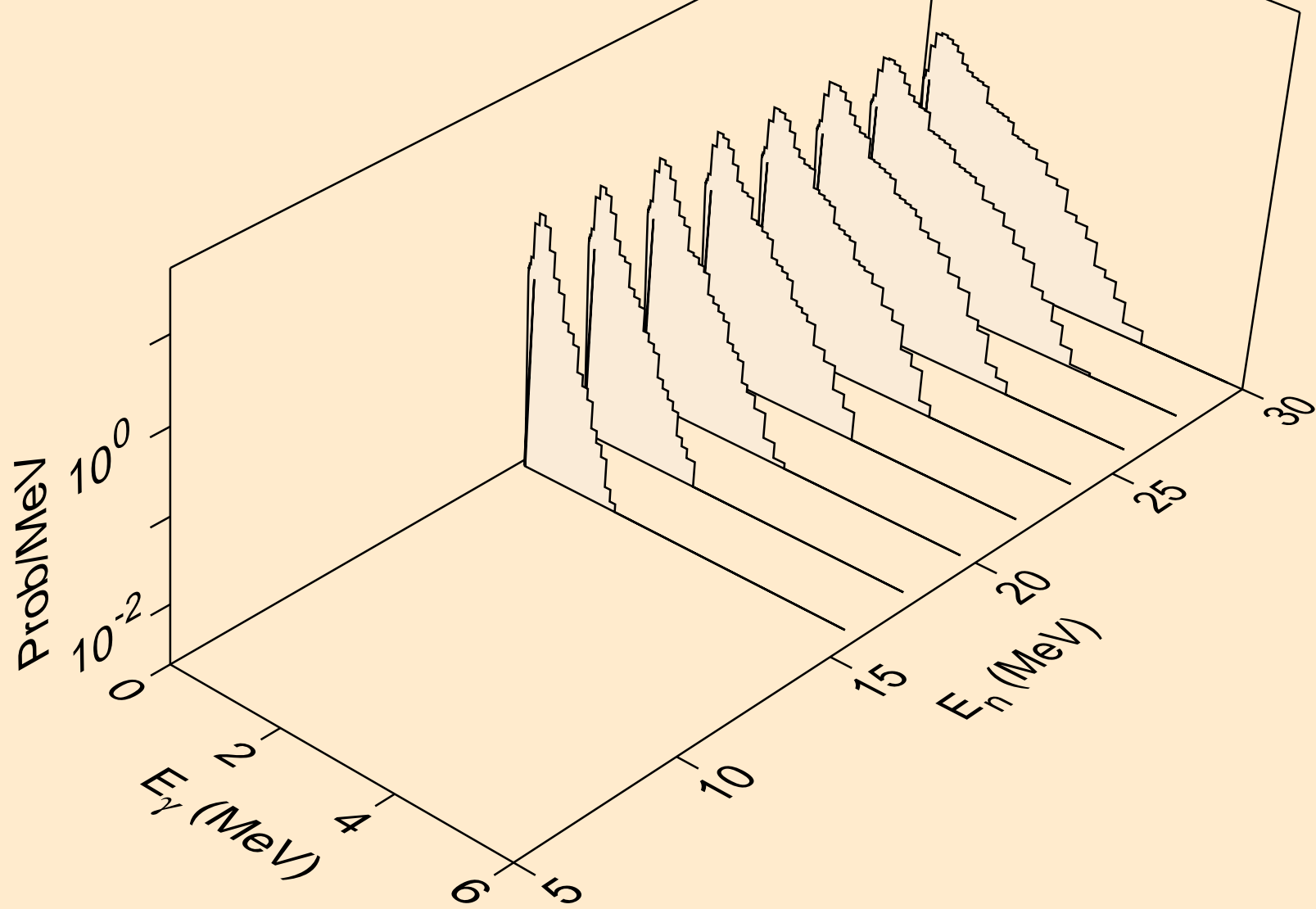


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

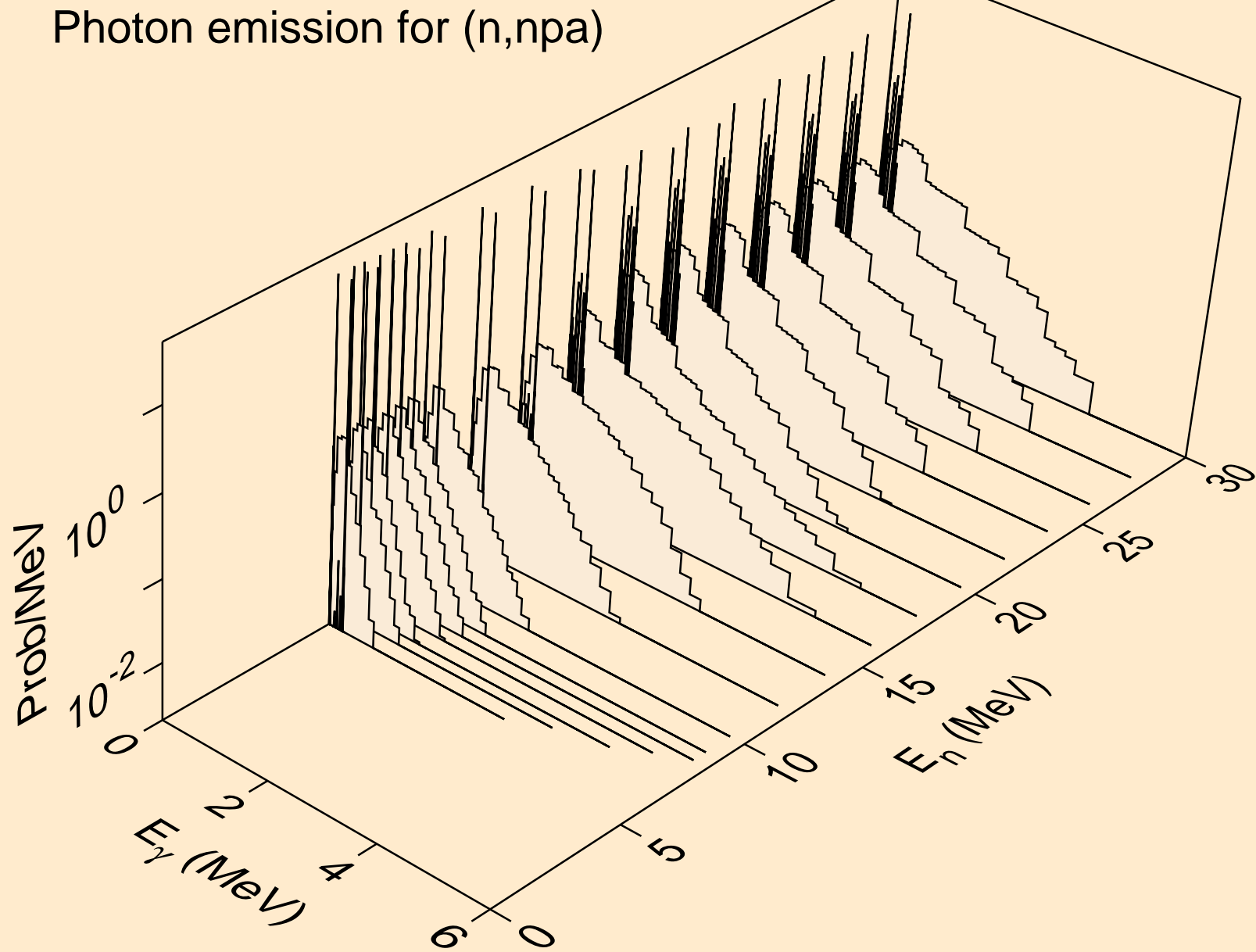




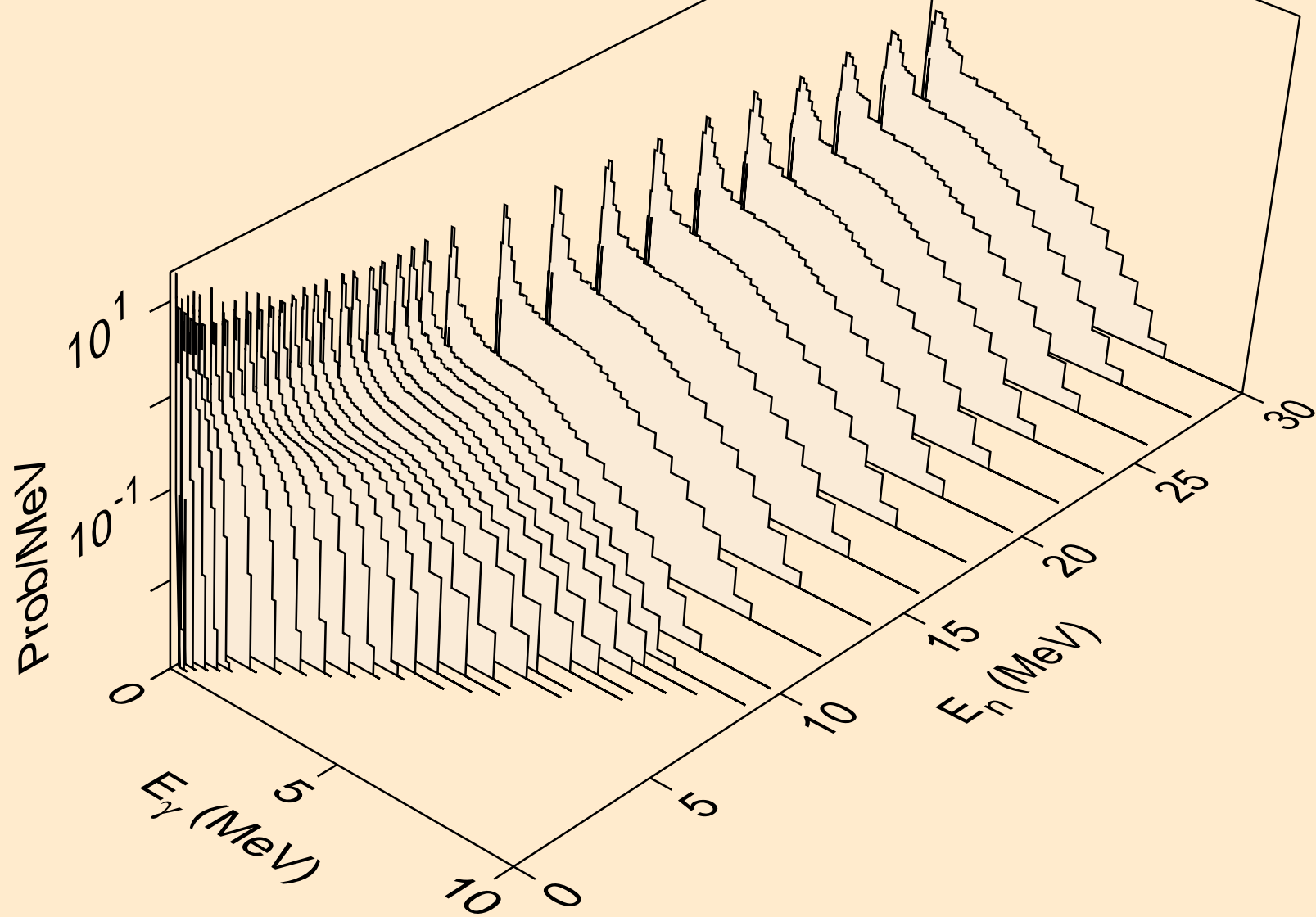
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



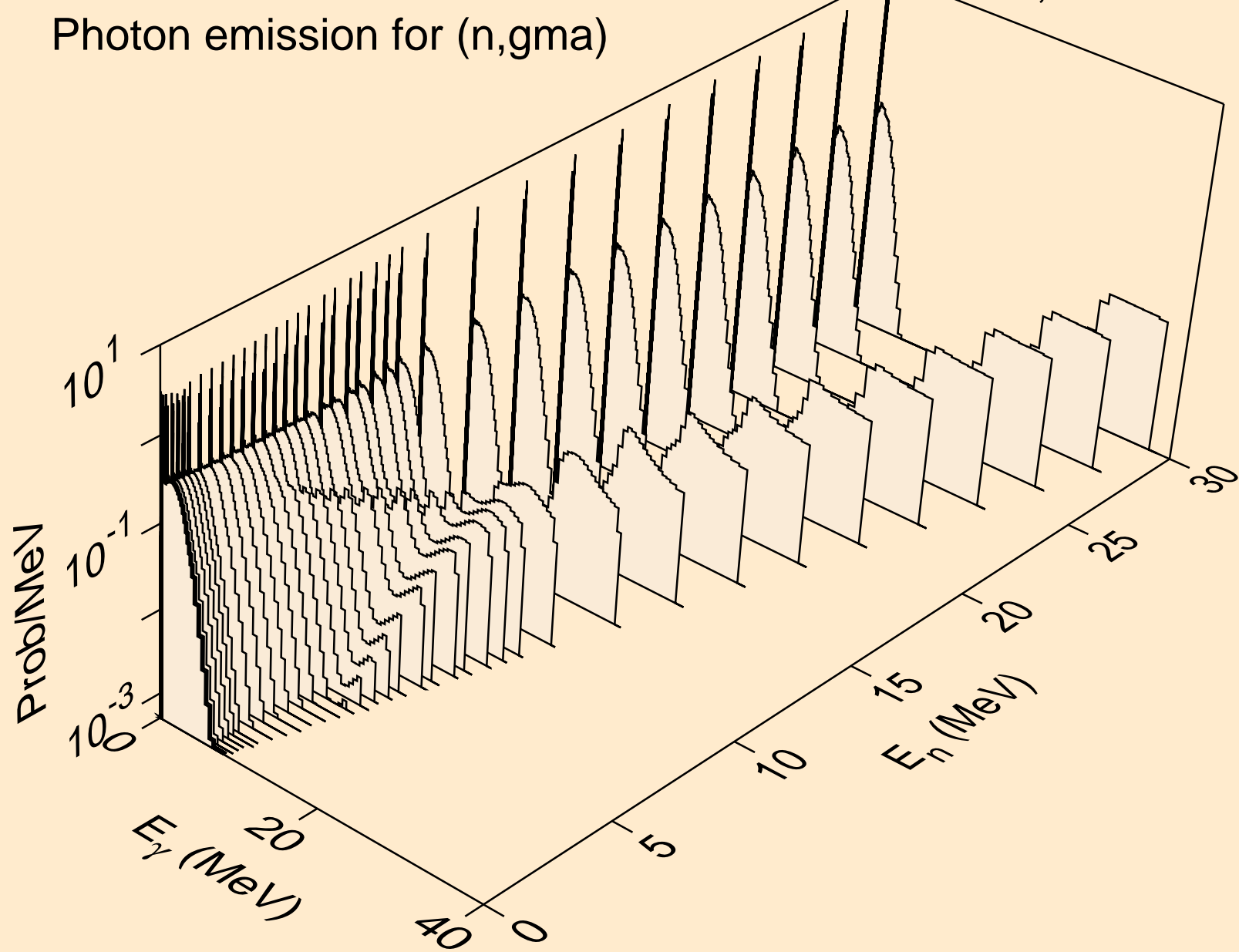
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



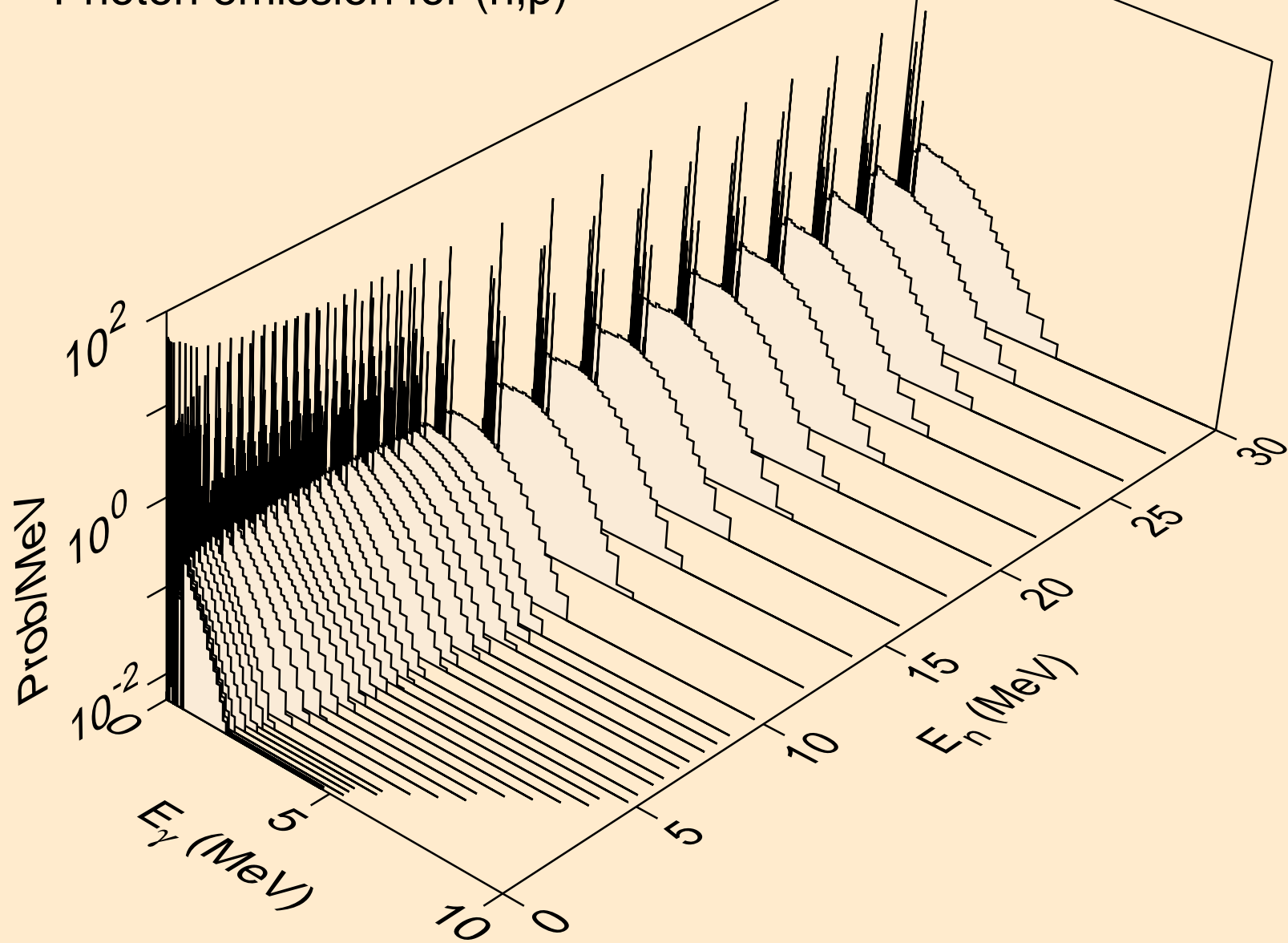
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



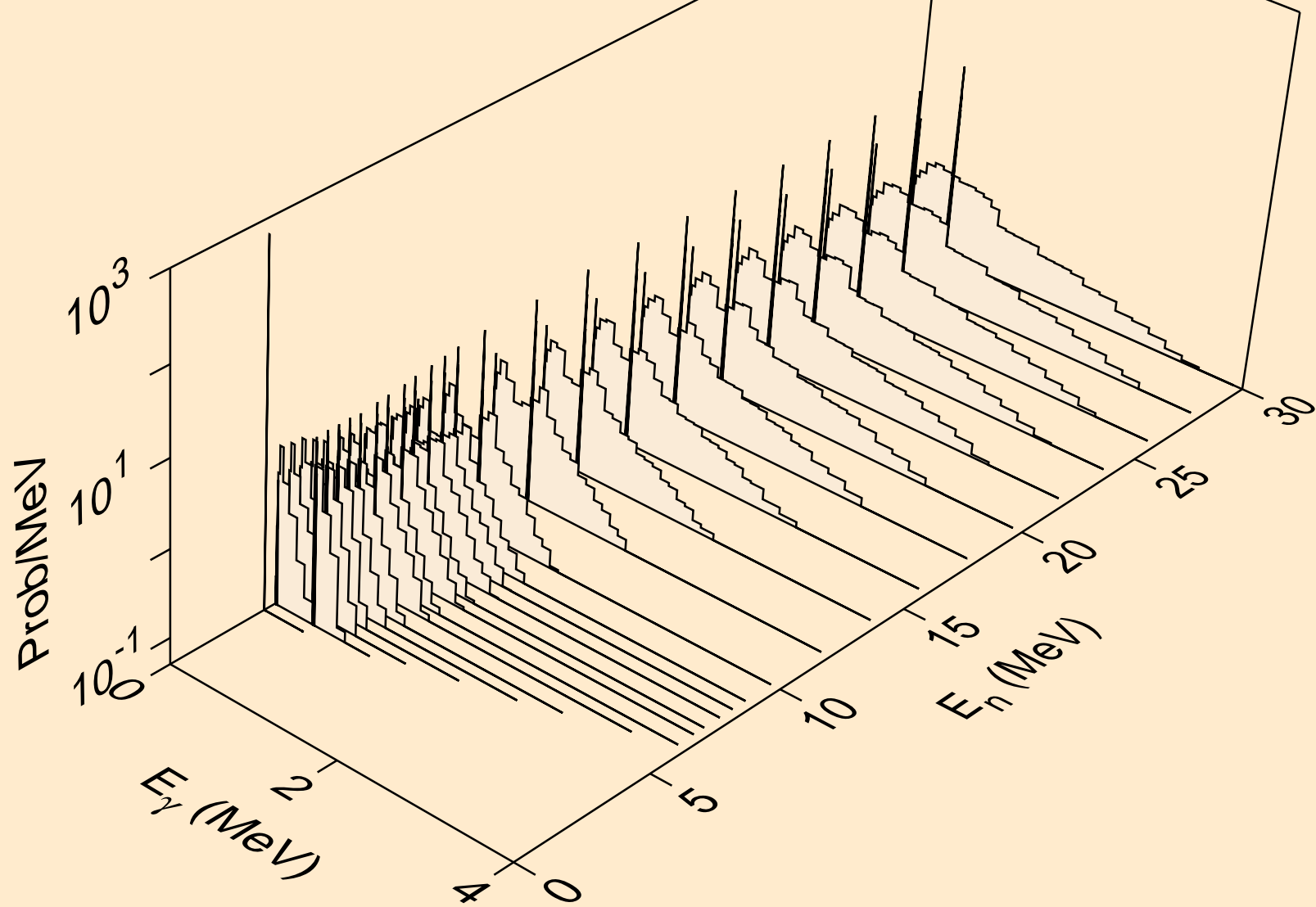
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



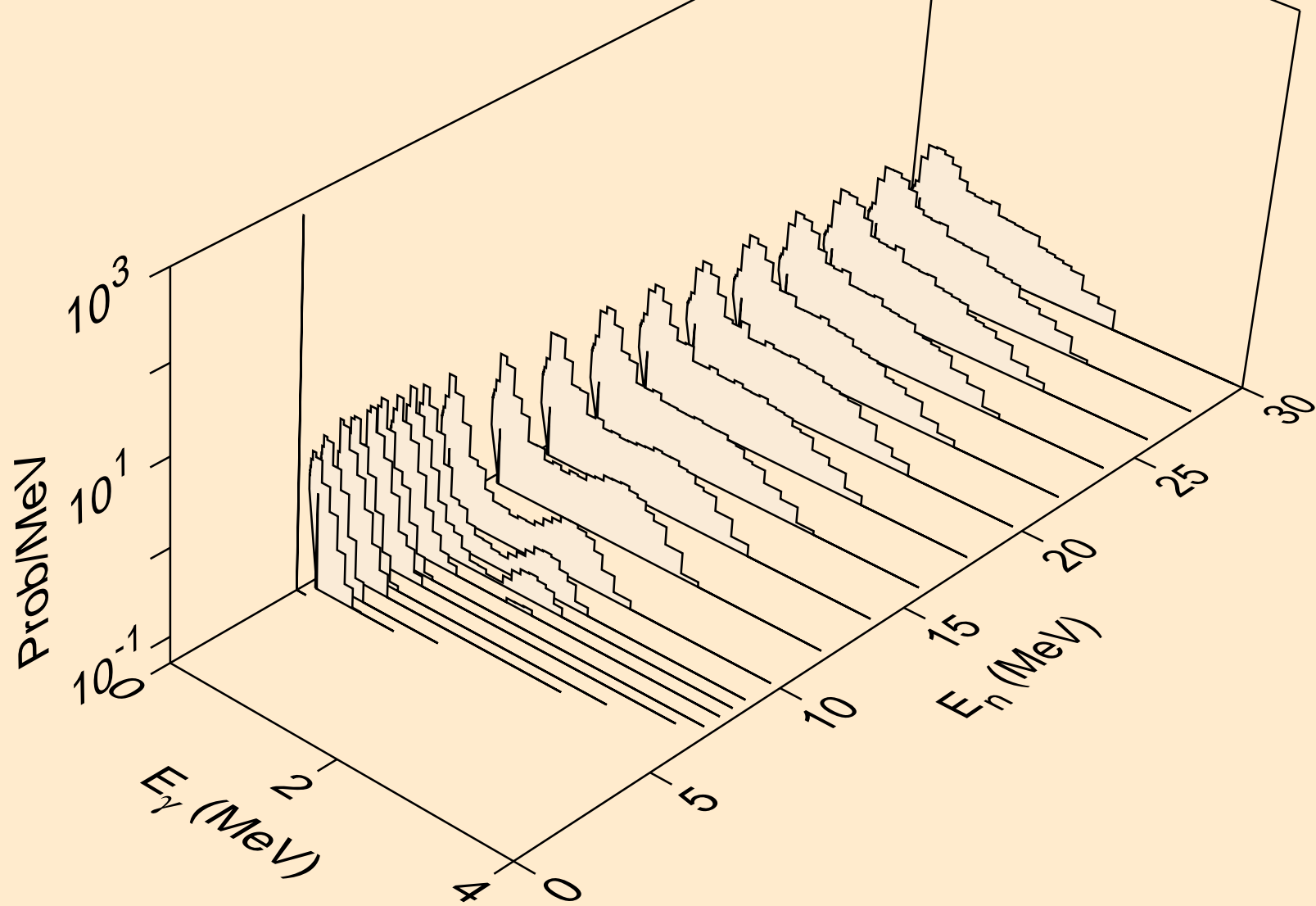
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



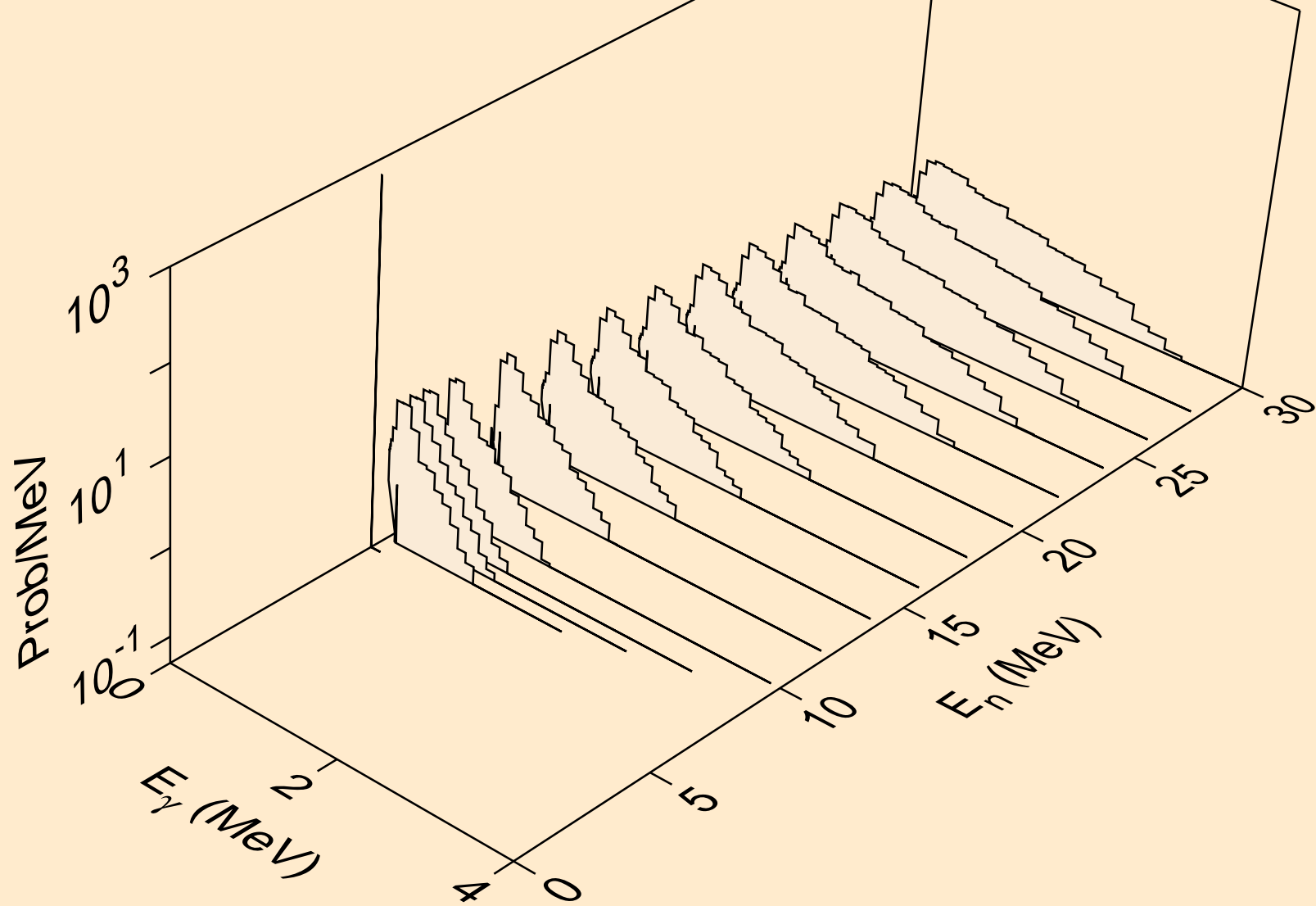
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

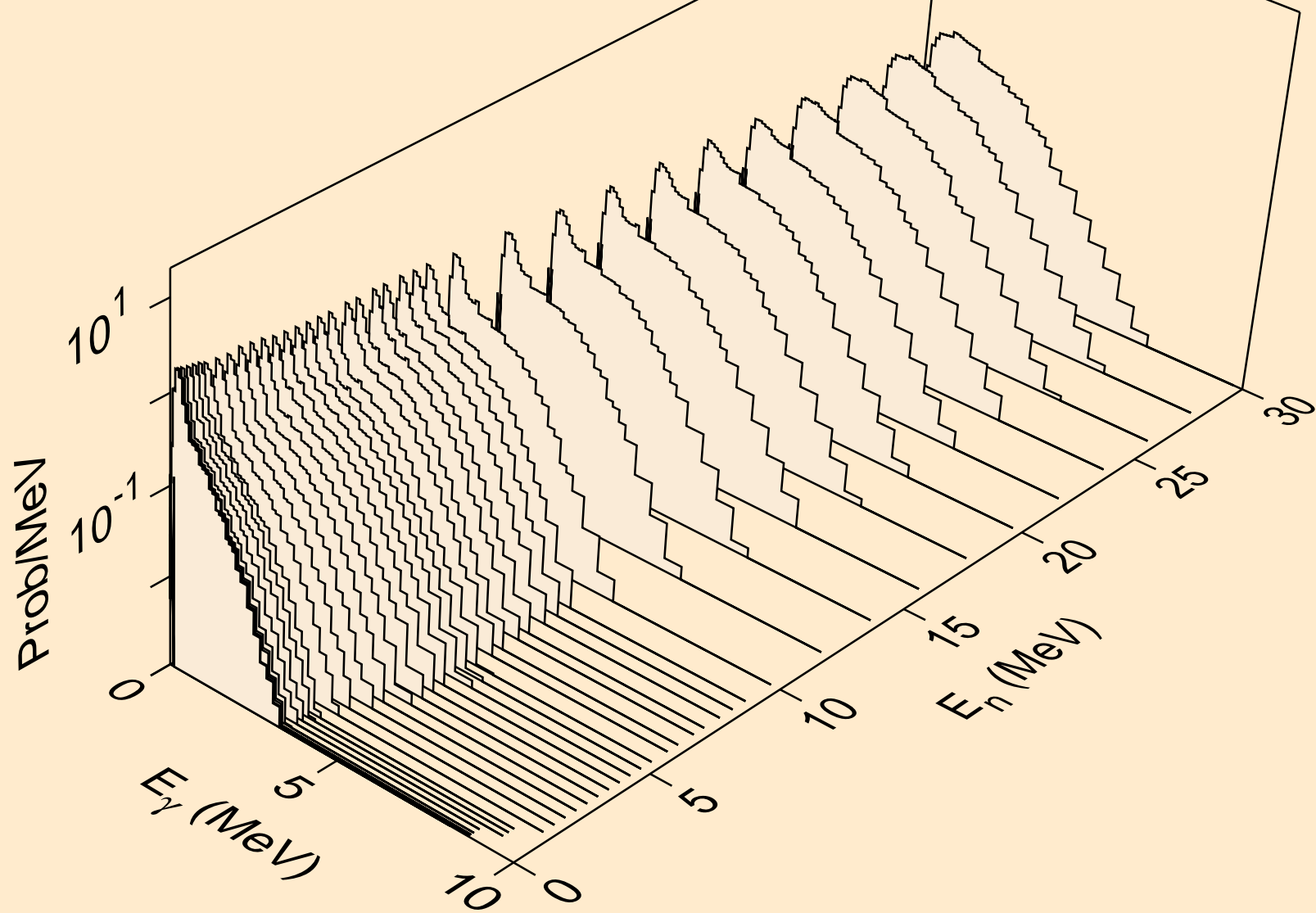


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

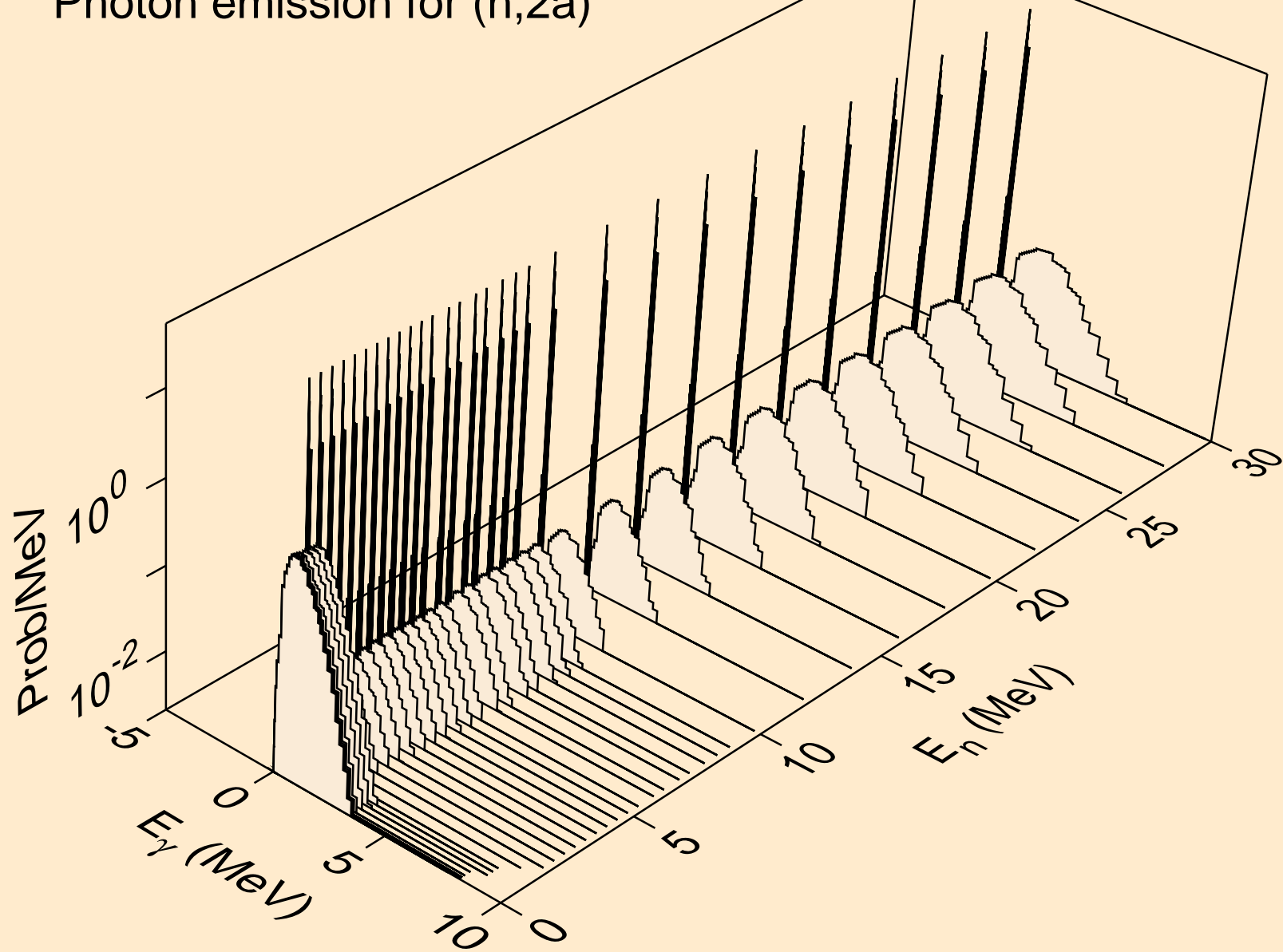




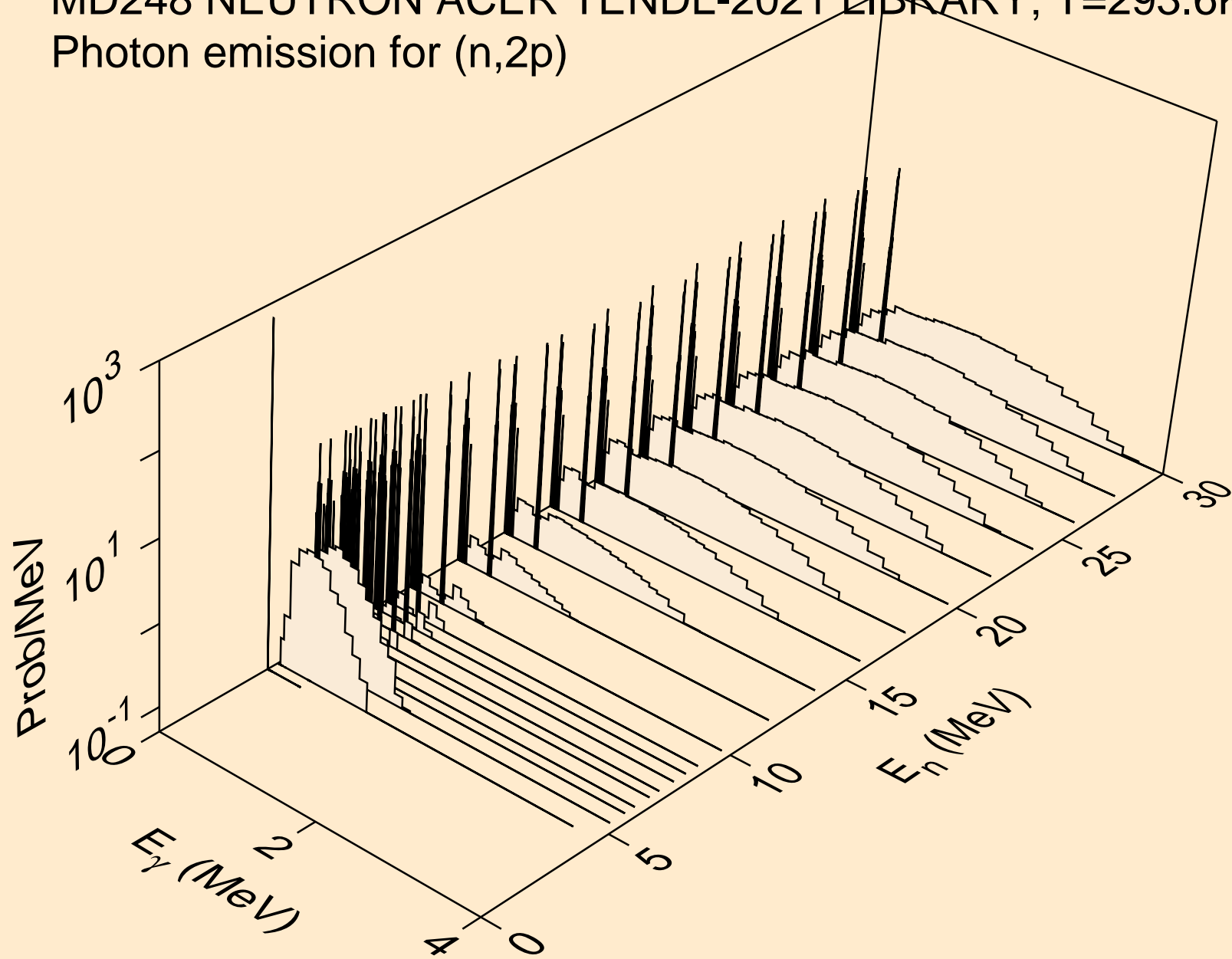
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



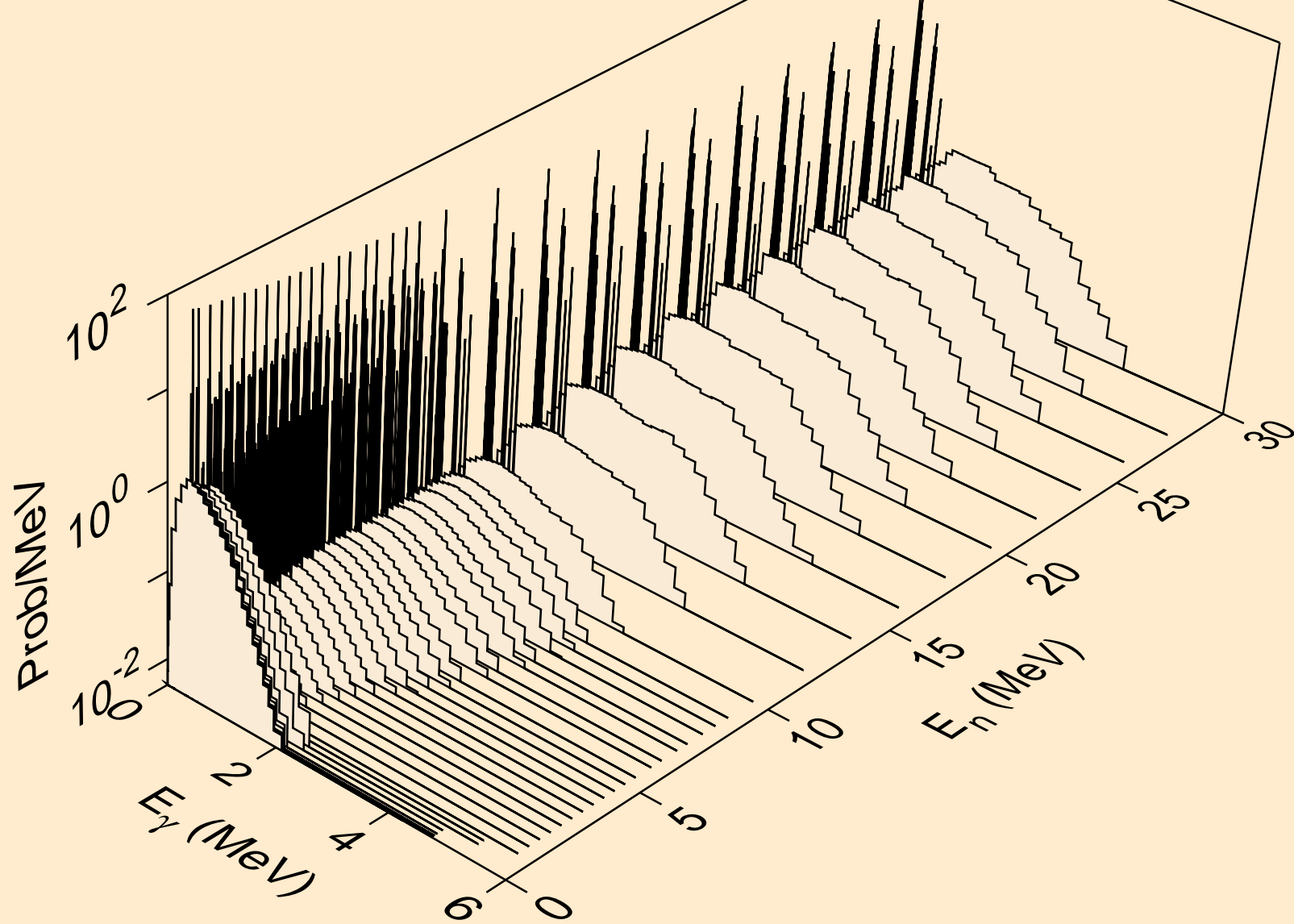
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



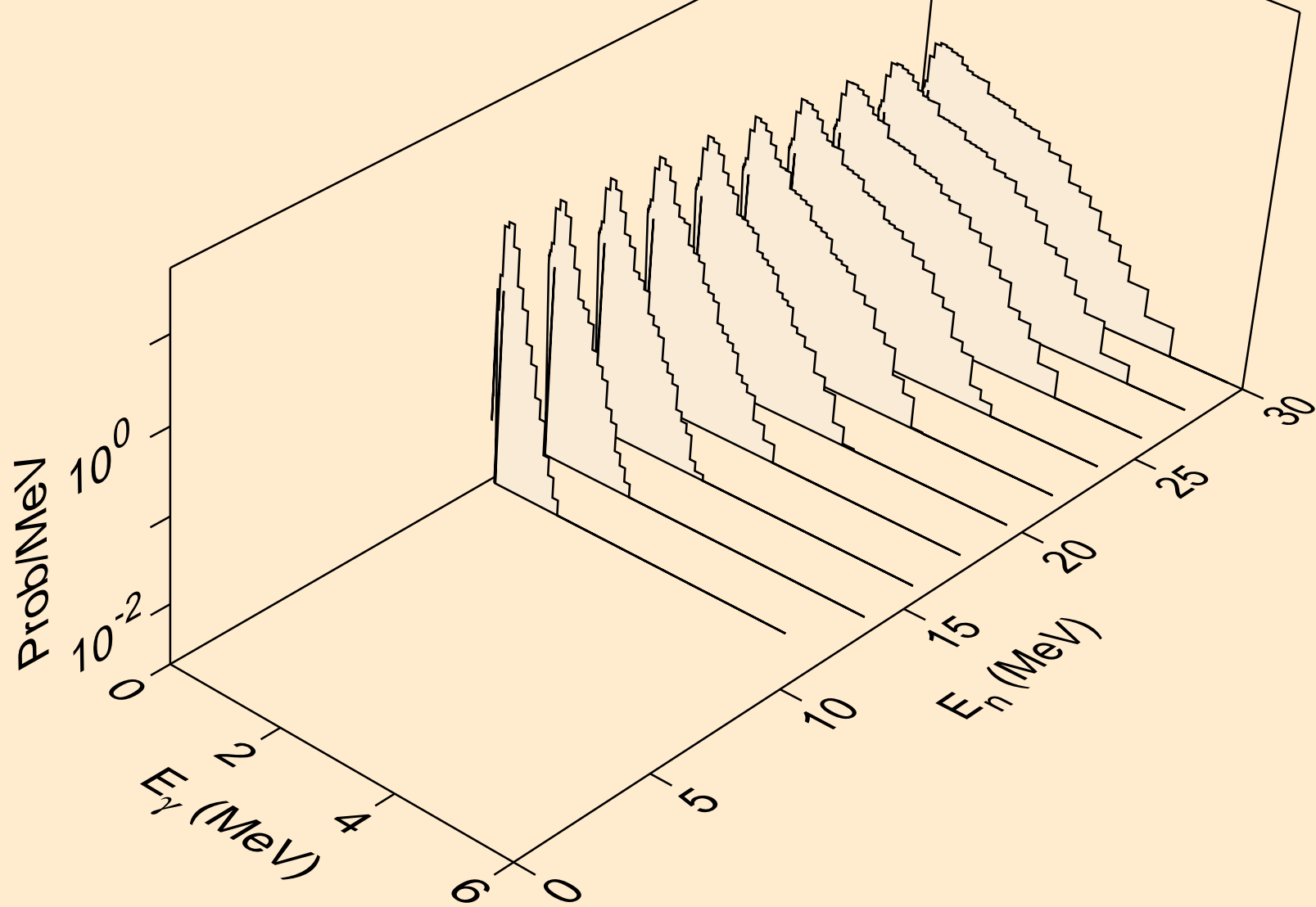
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



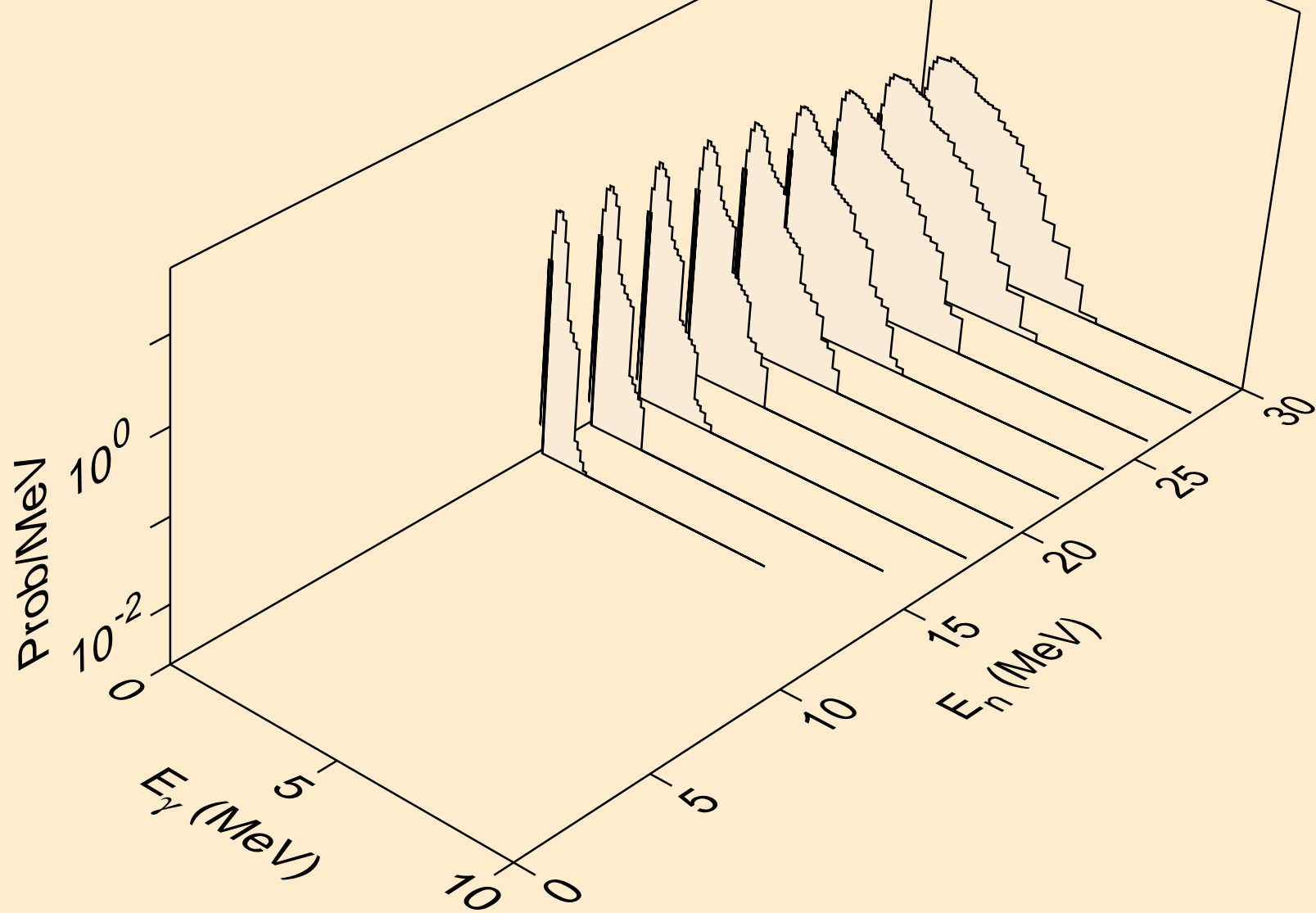
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



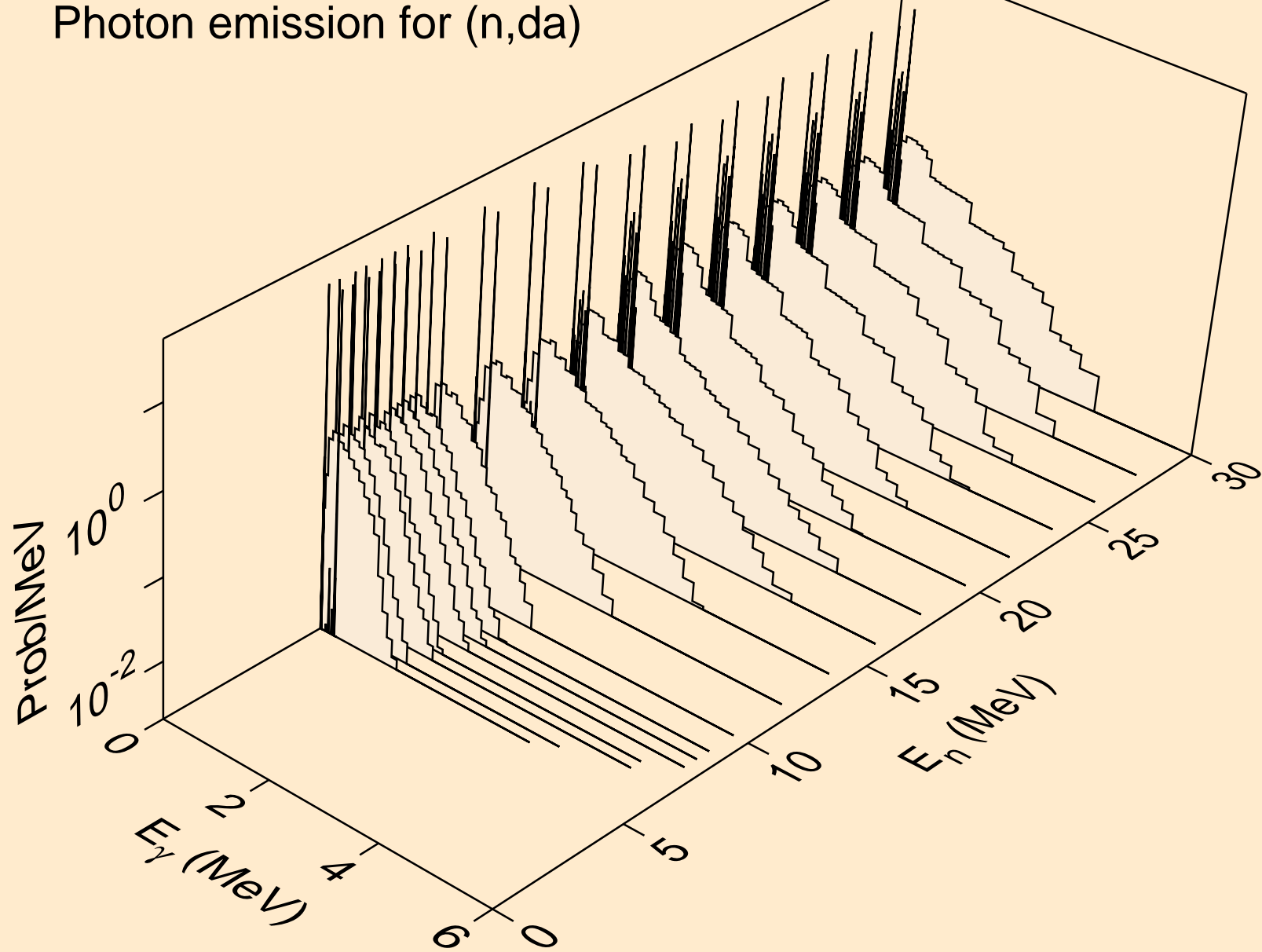
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



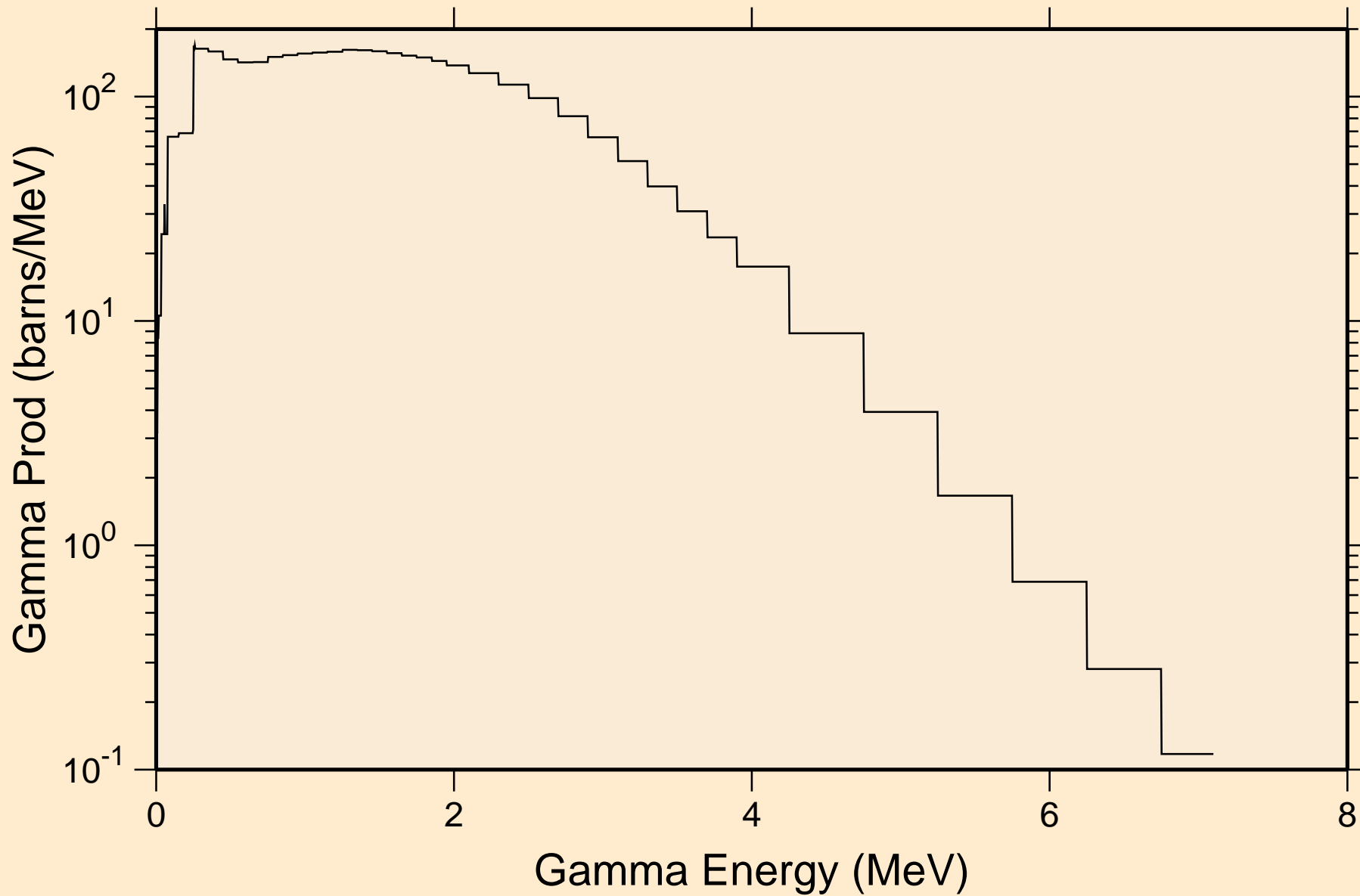
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

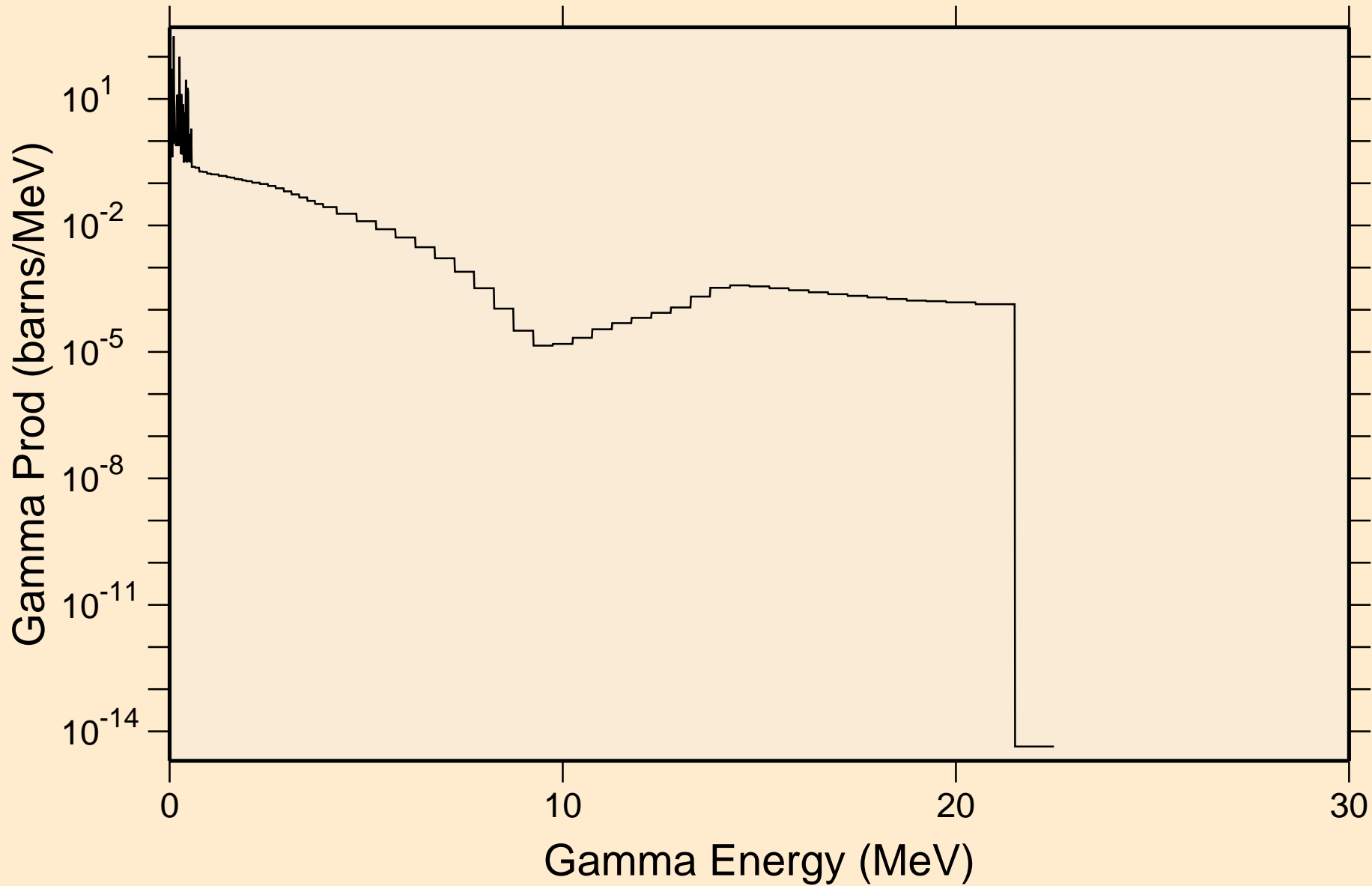


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



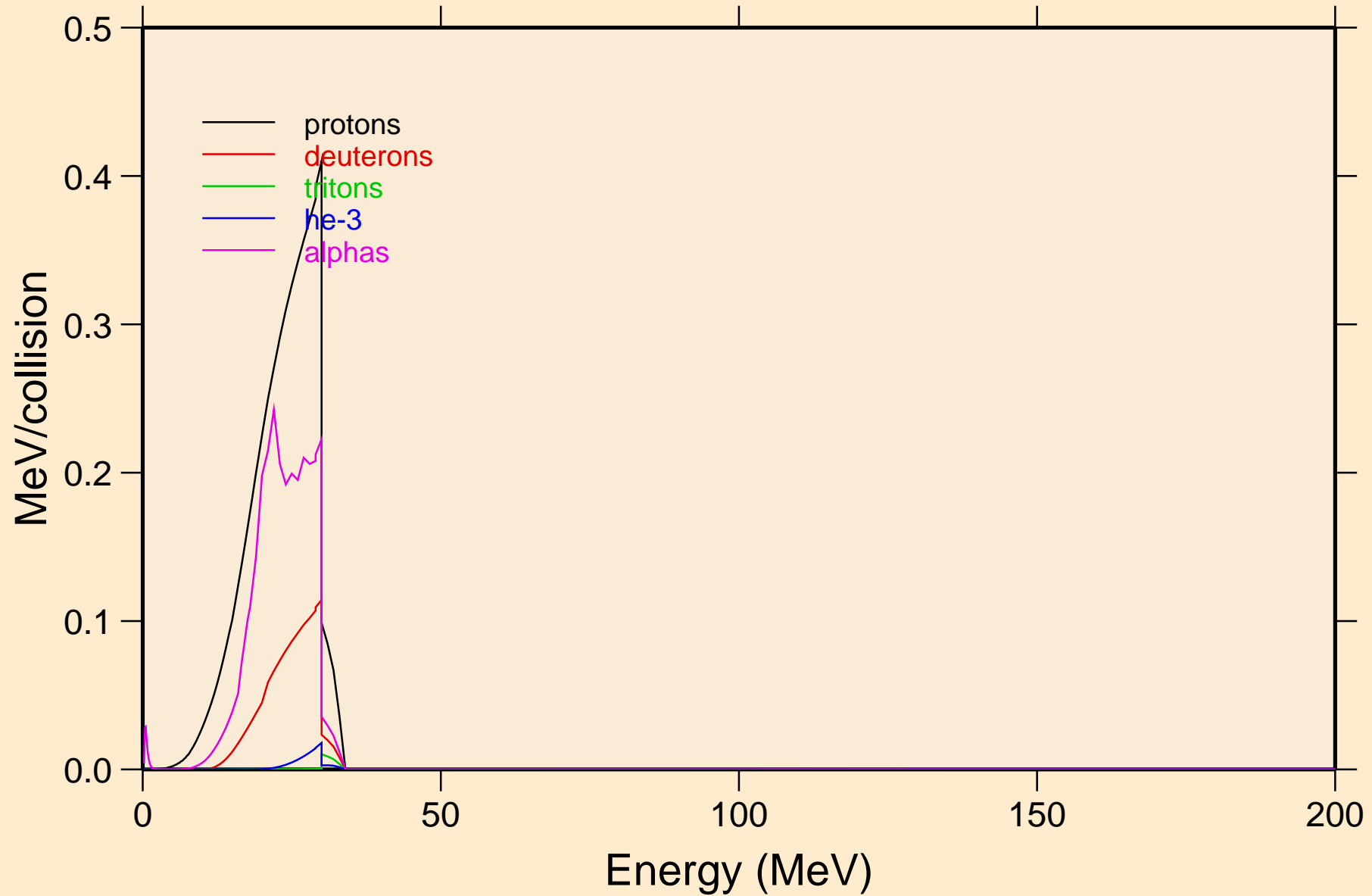


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

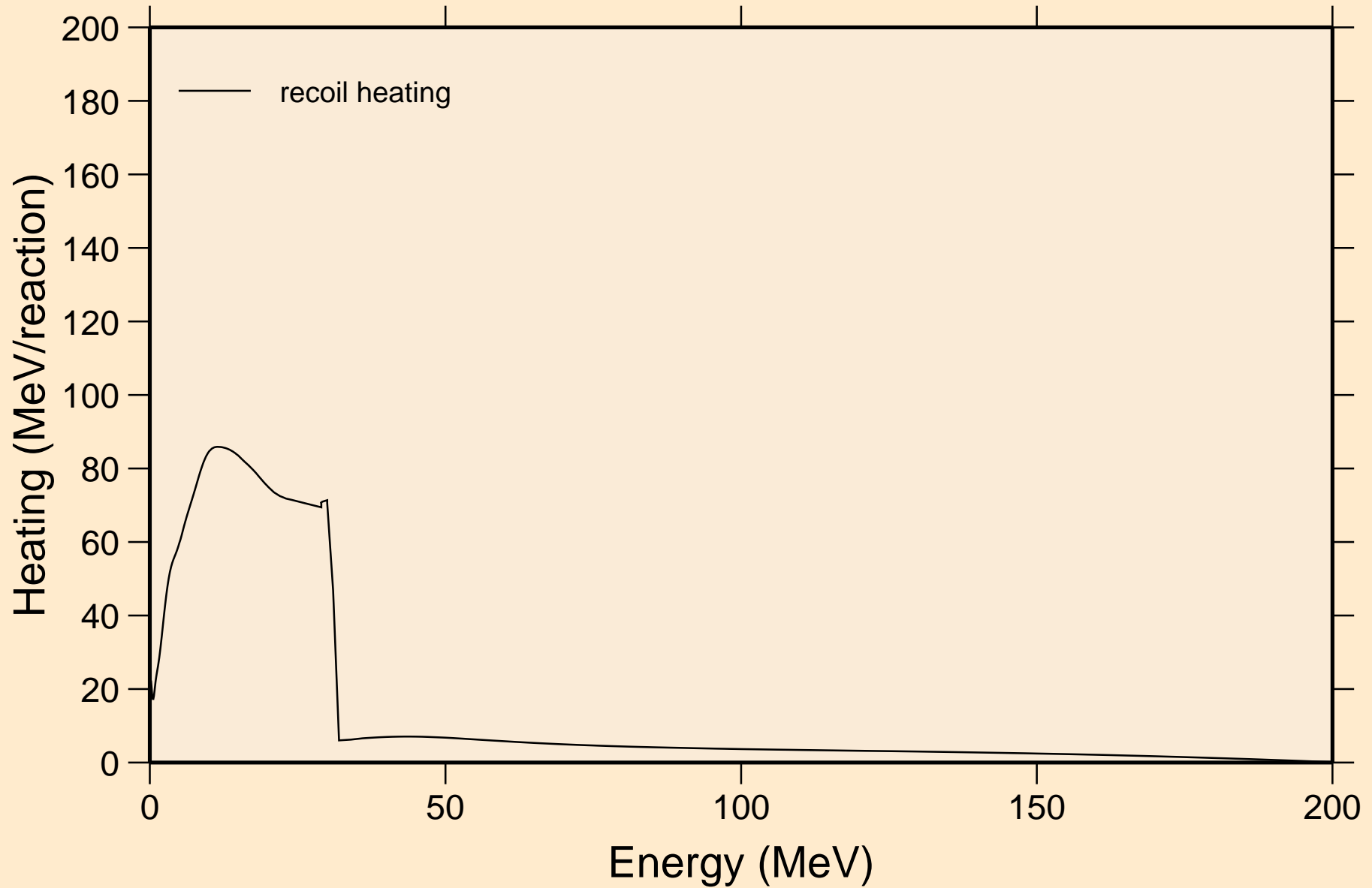


# MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

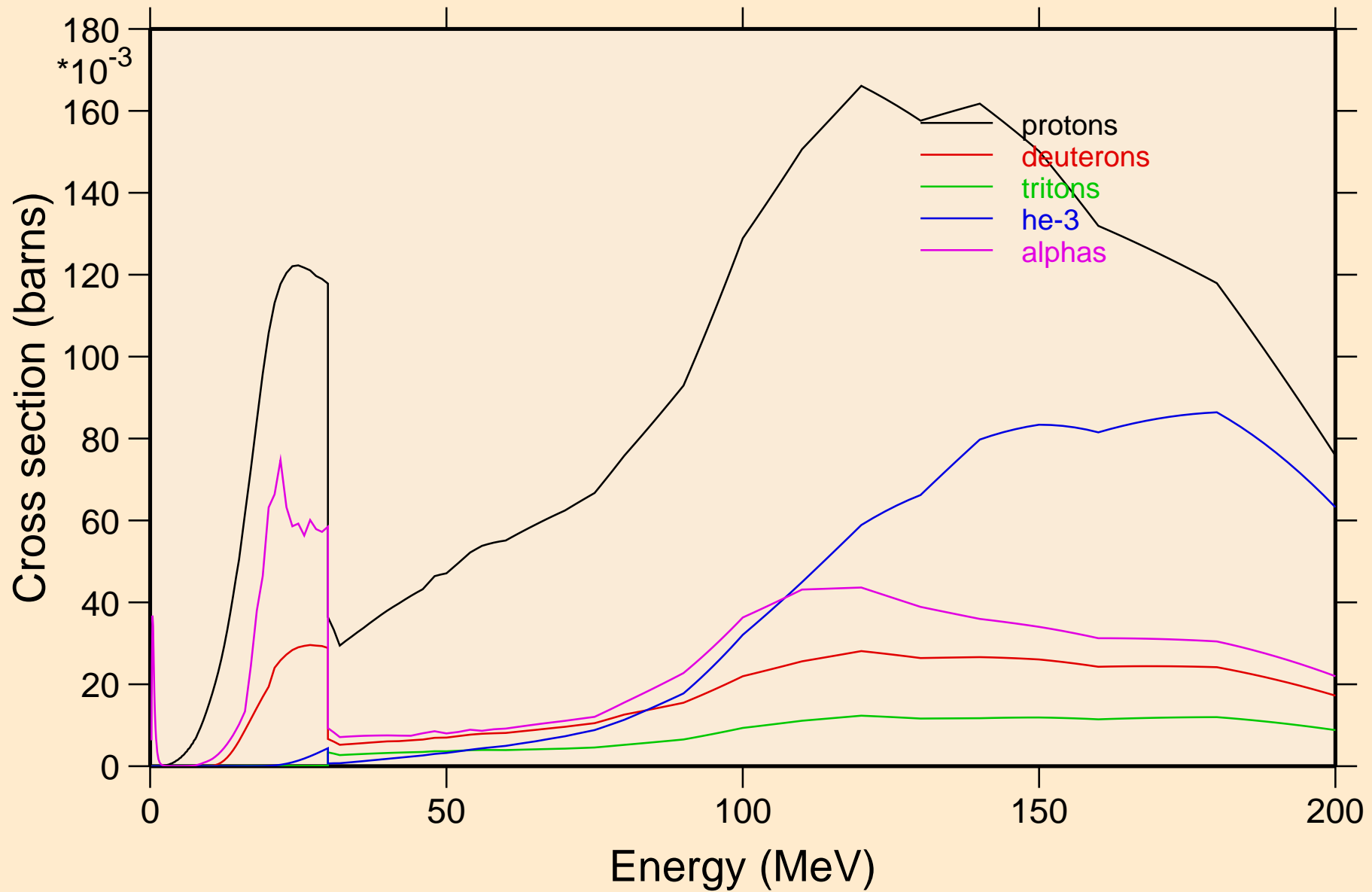


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

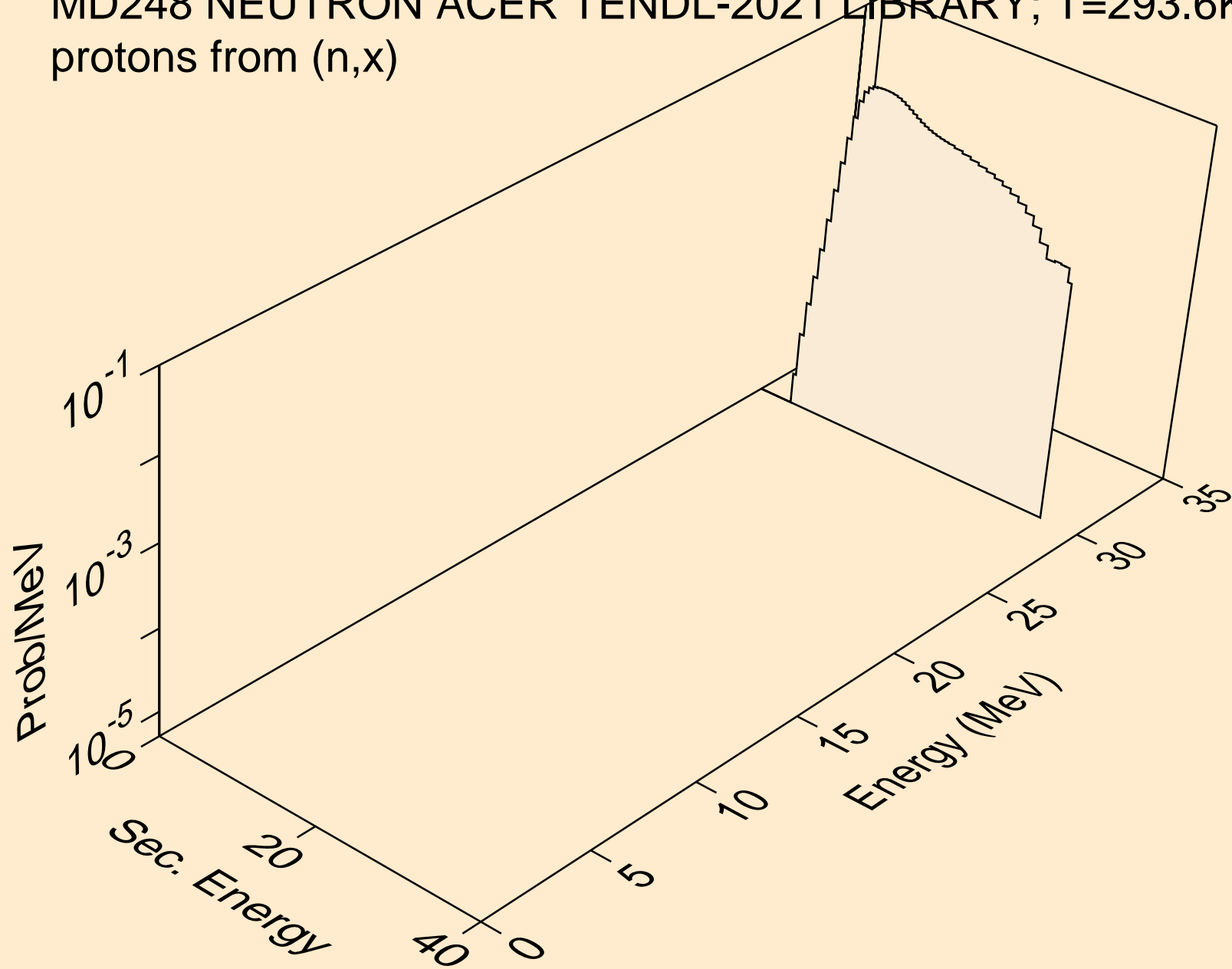


# MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

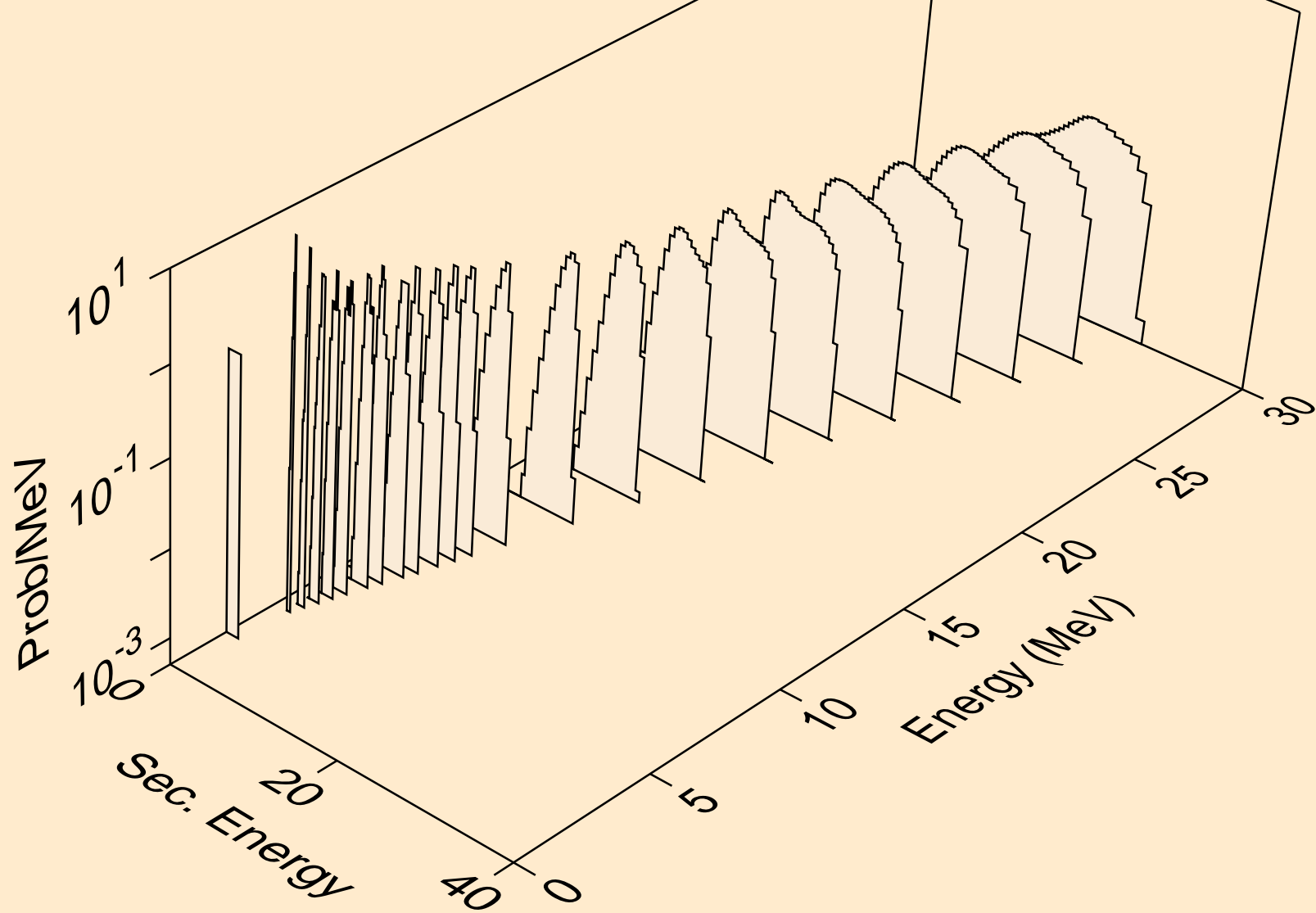
## Particle production cross sections



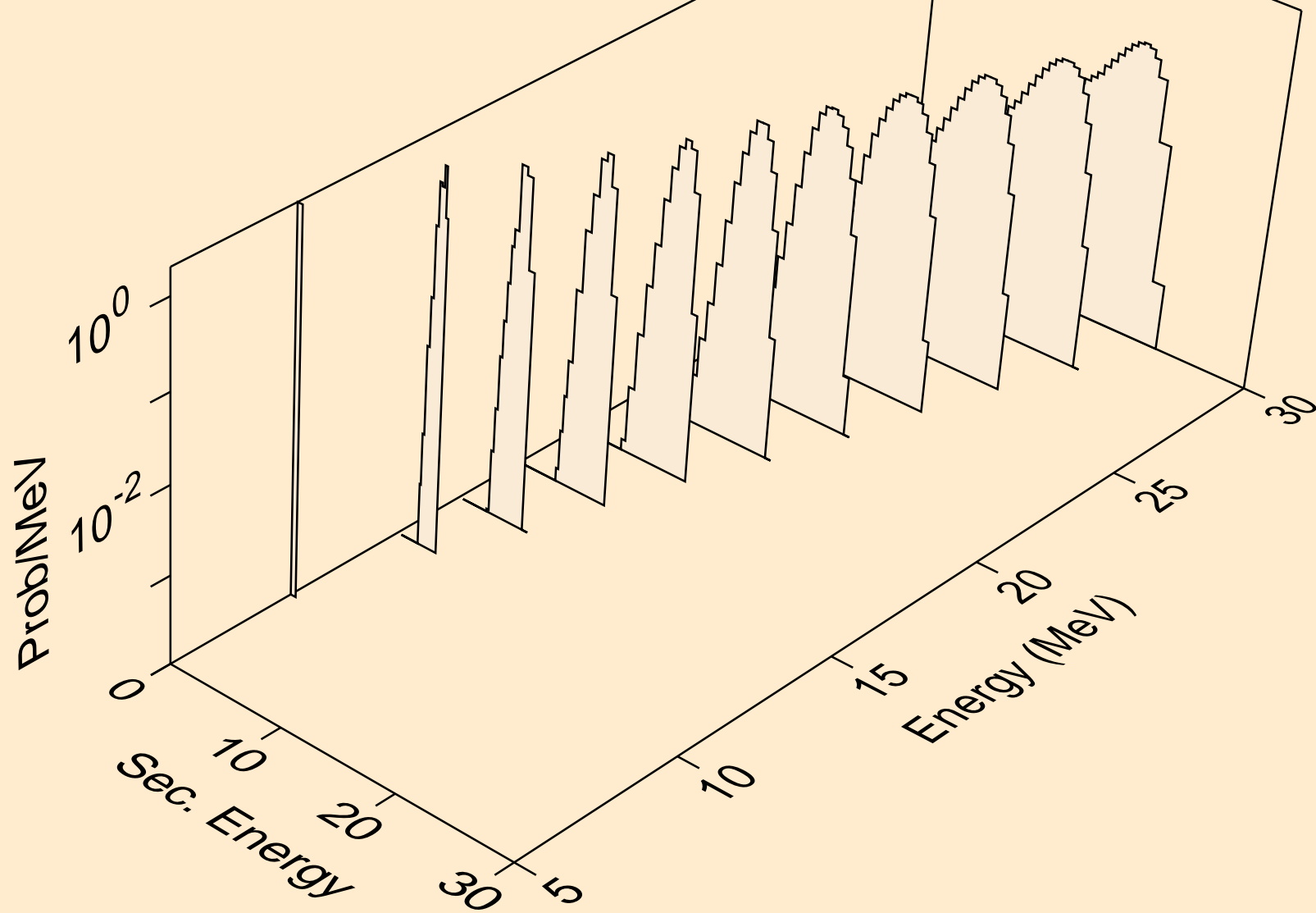
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



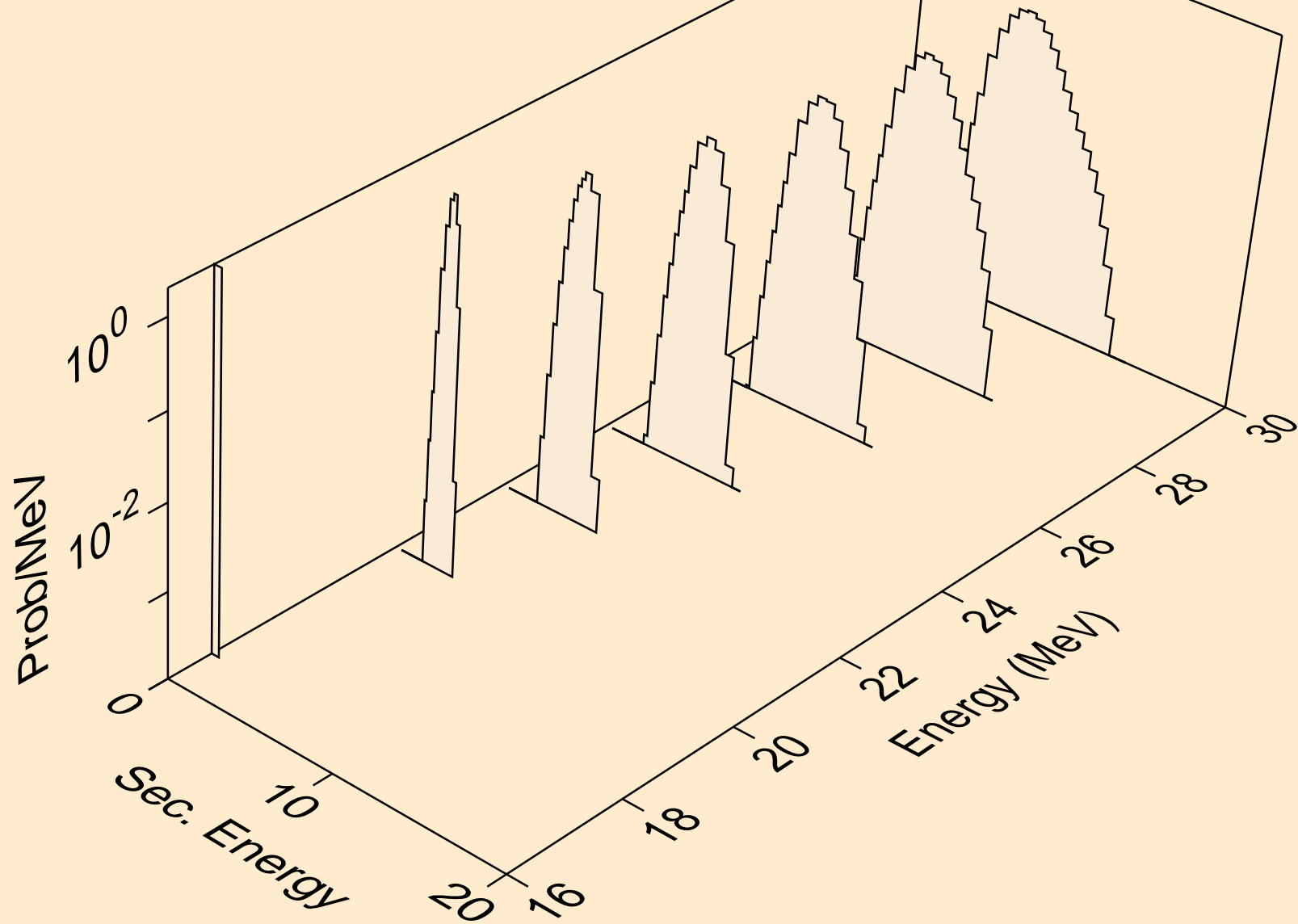
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

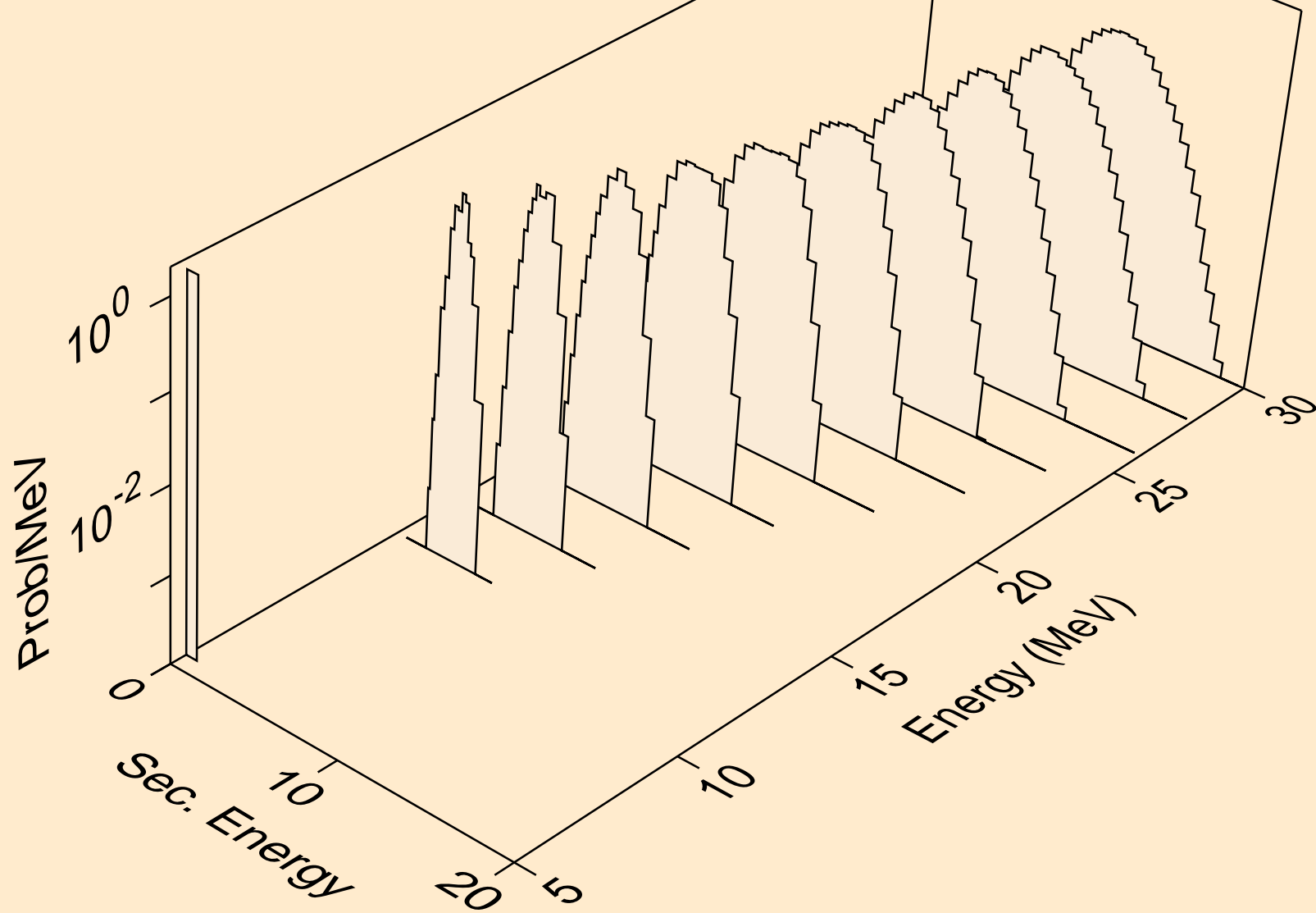


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)

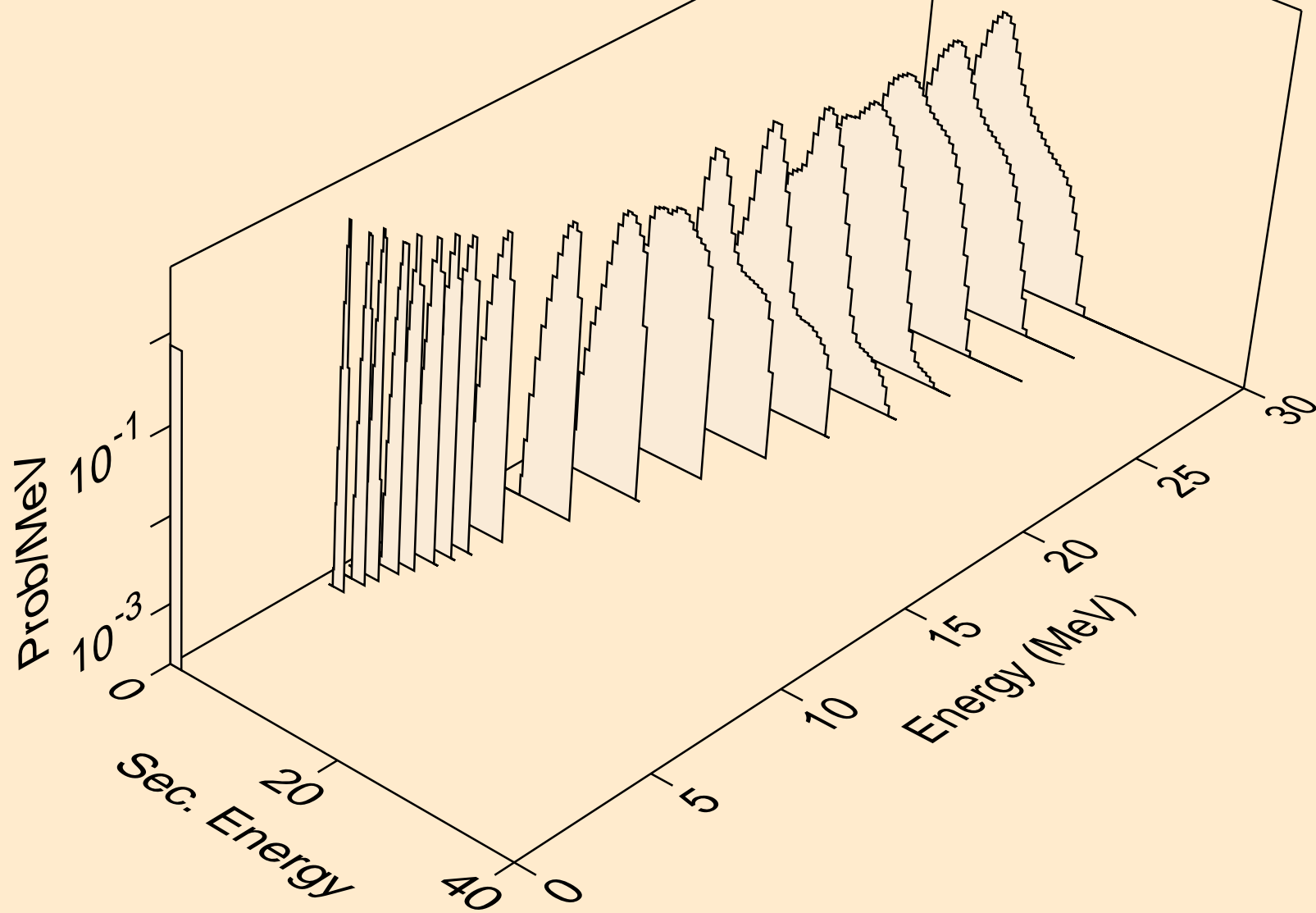




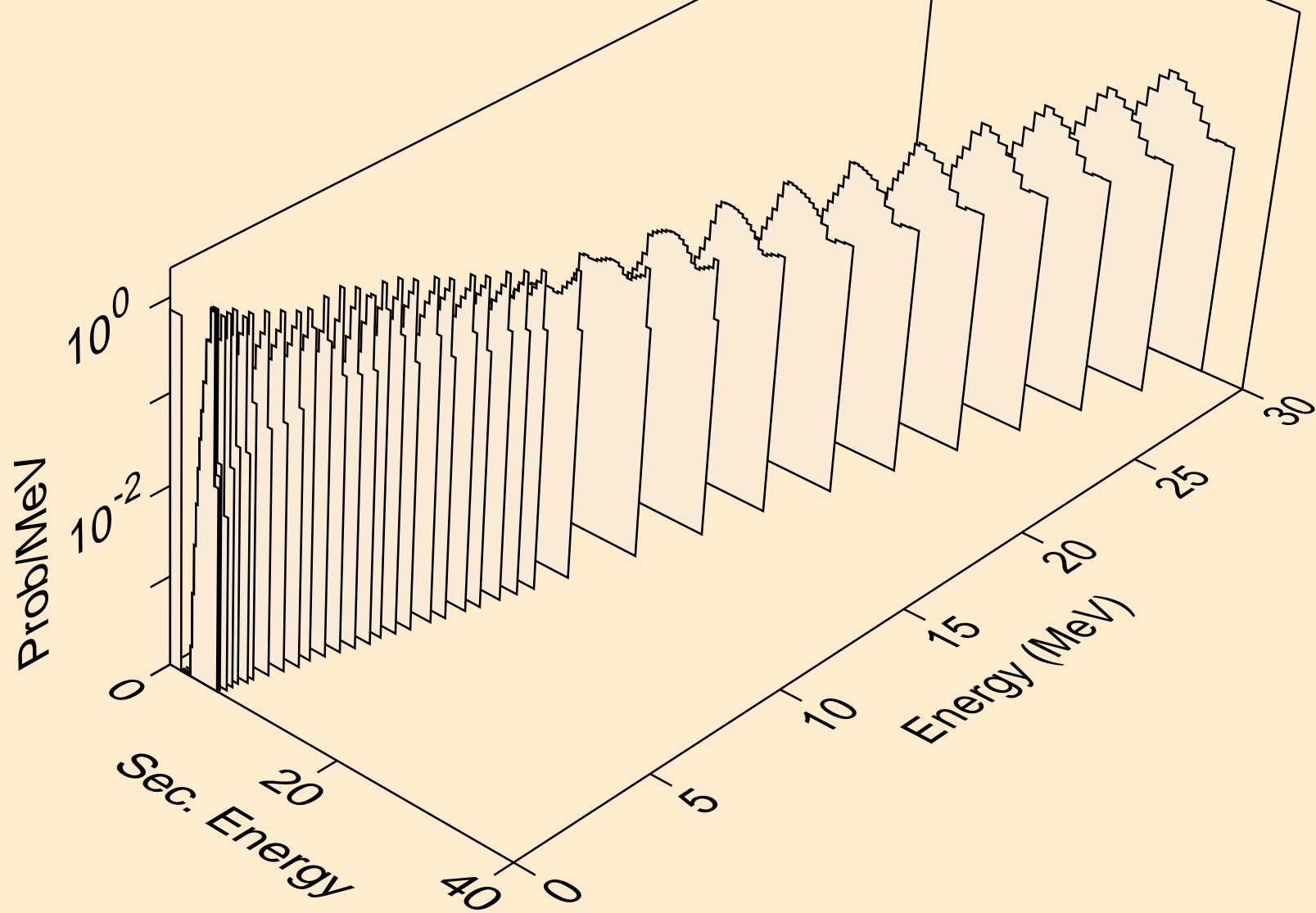
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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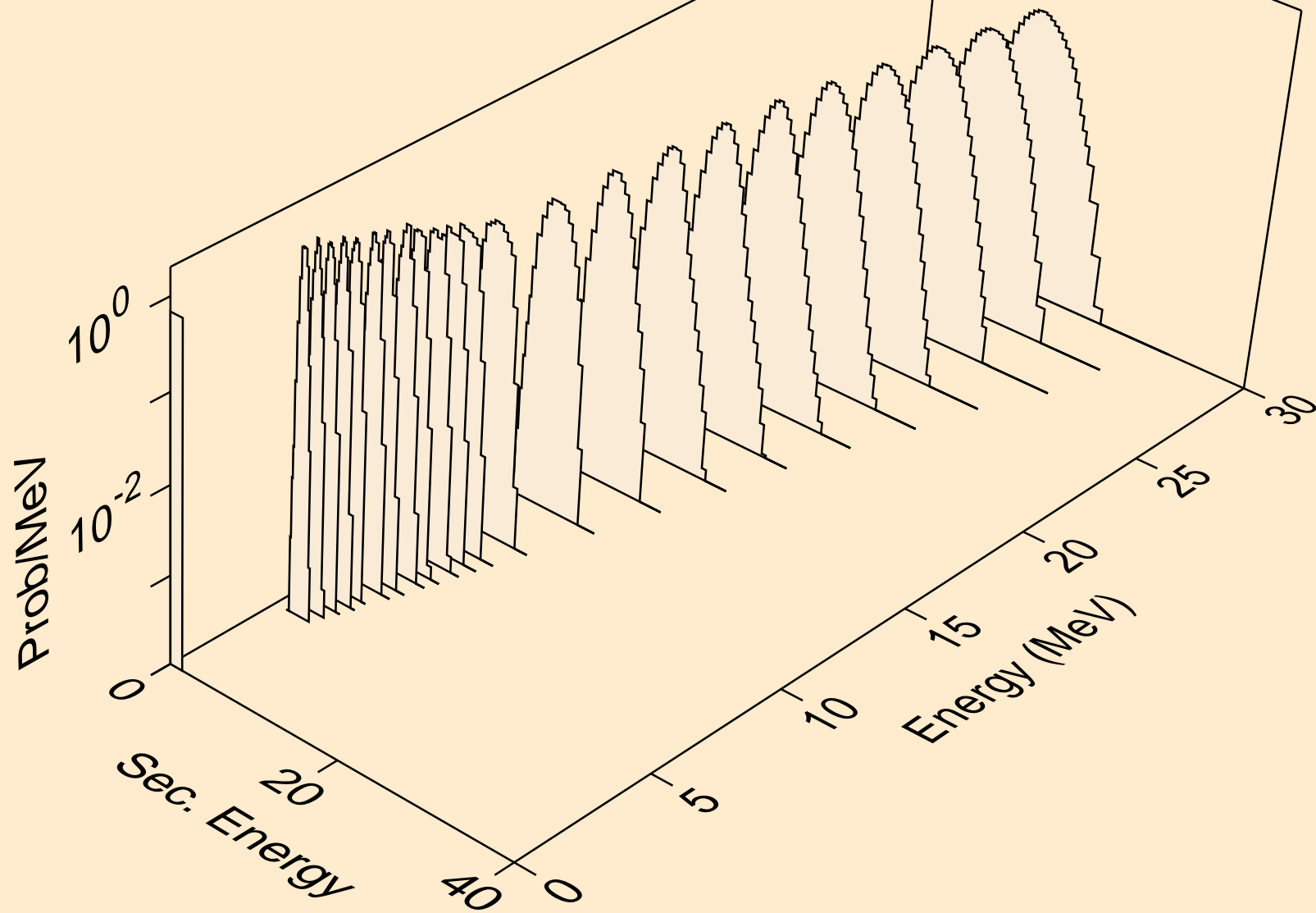
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



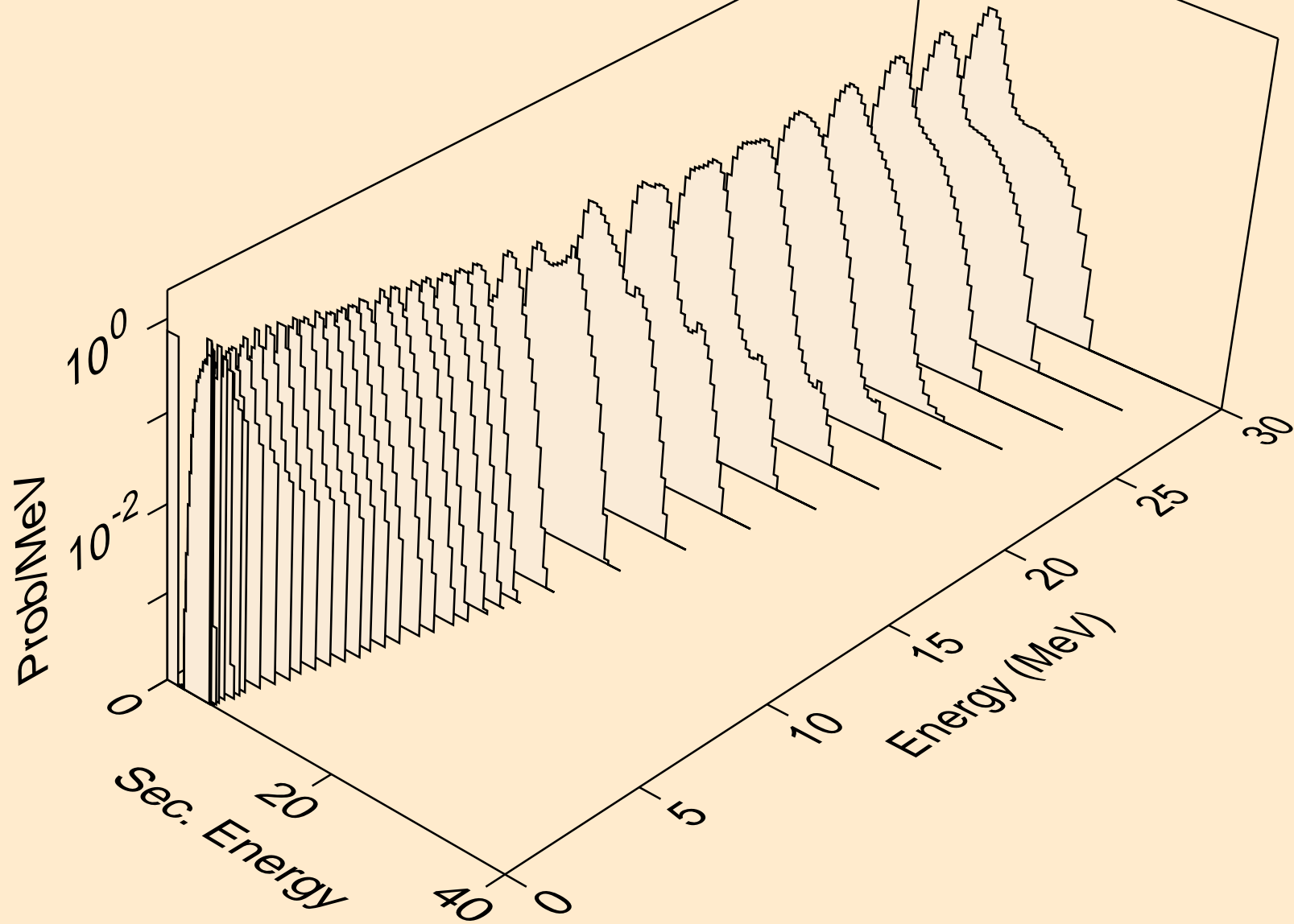
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



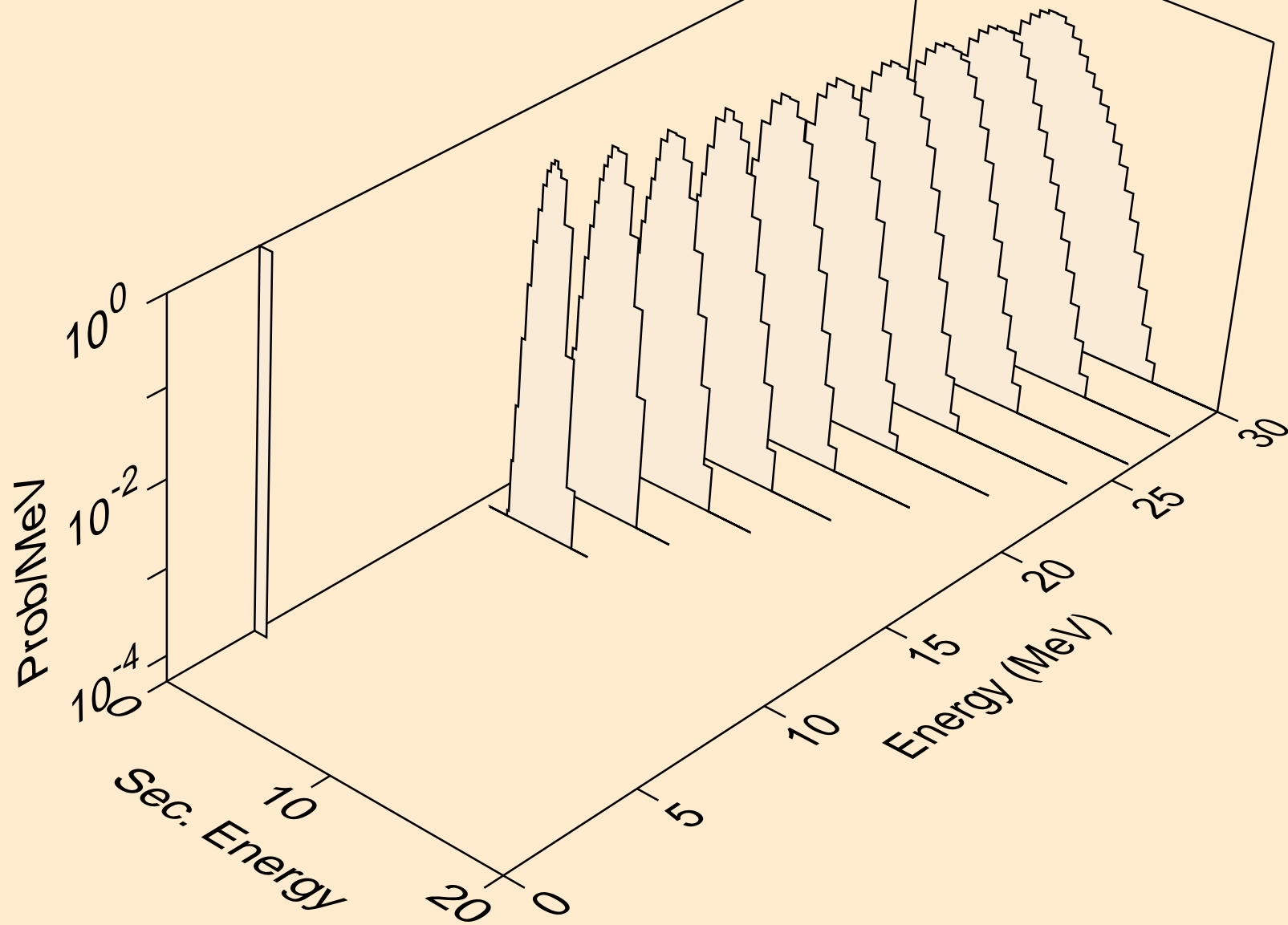
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



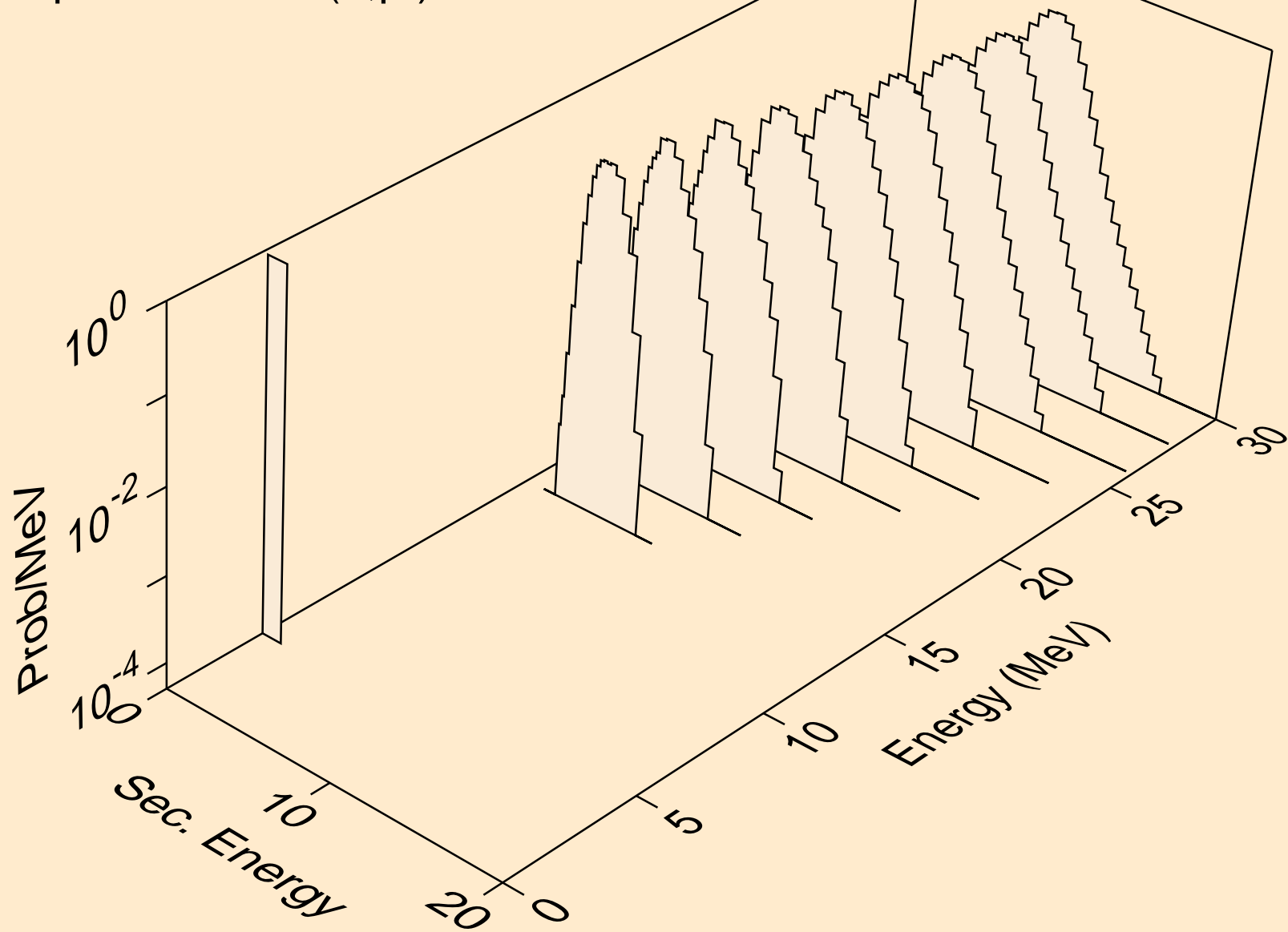
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



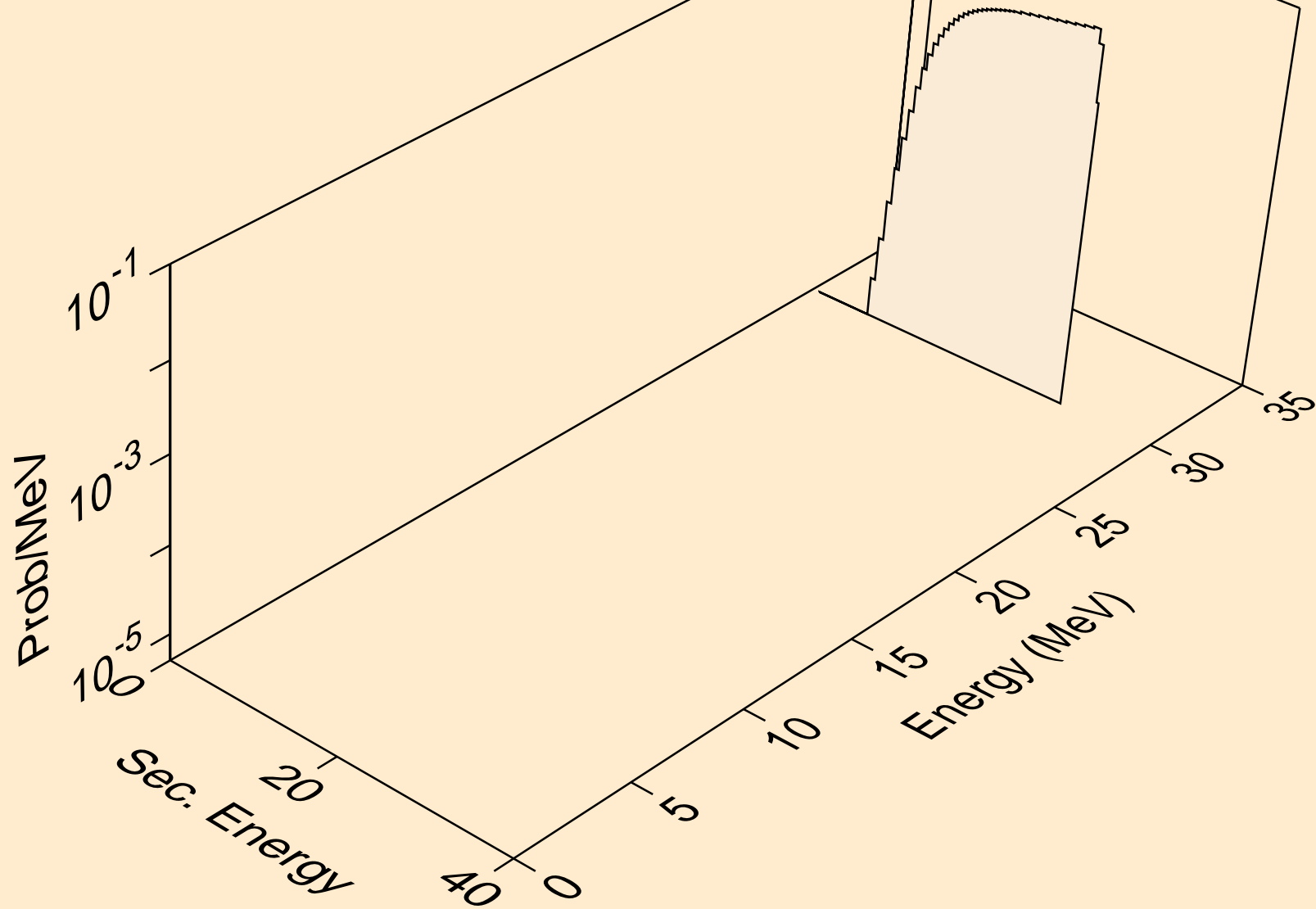
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

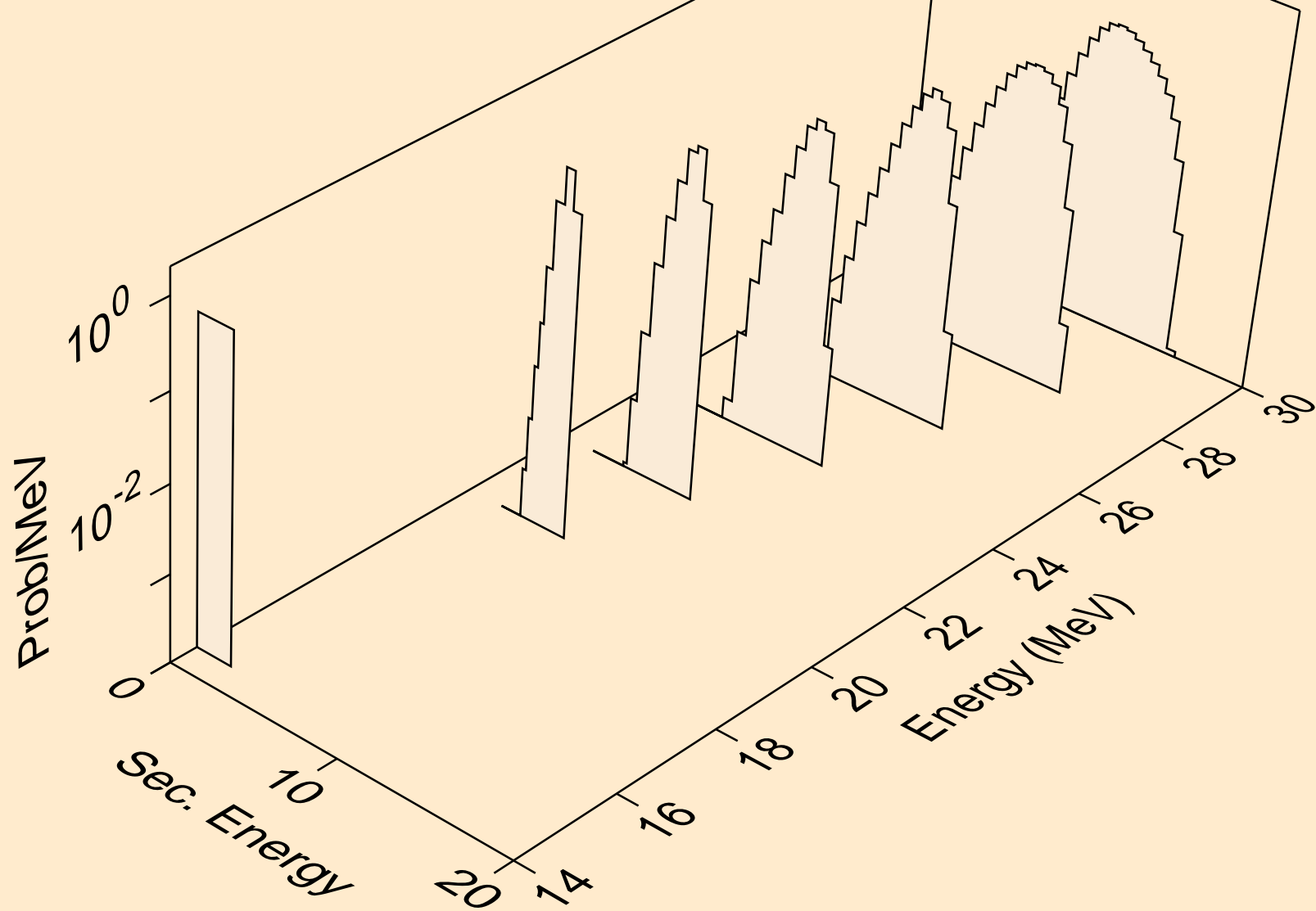


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

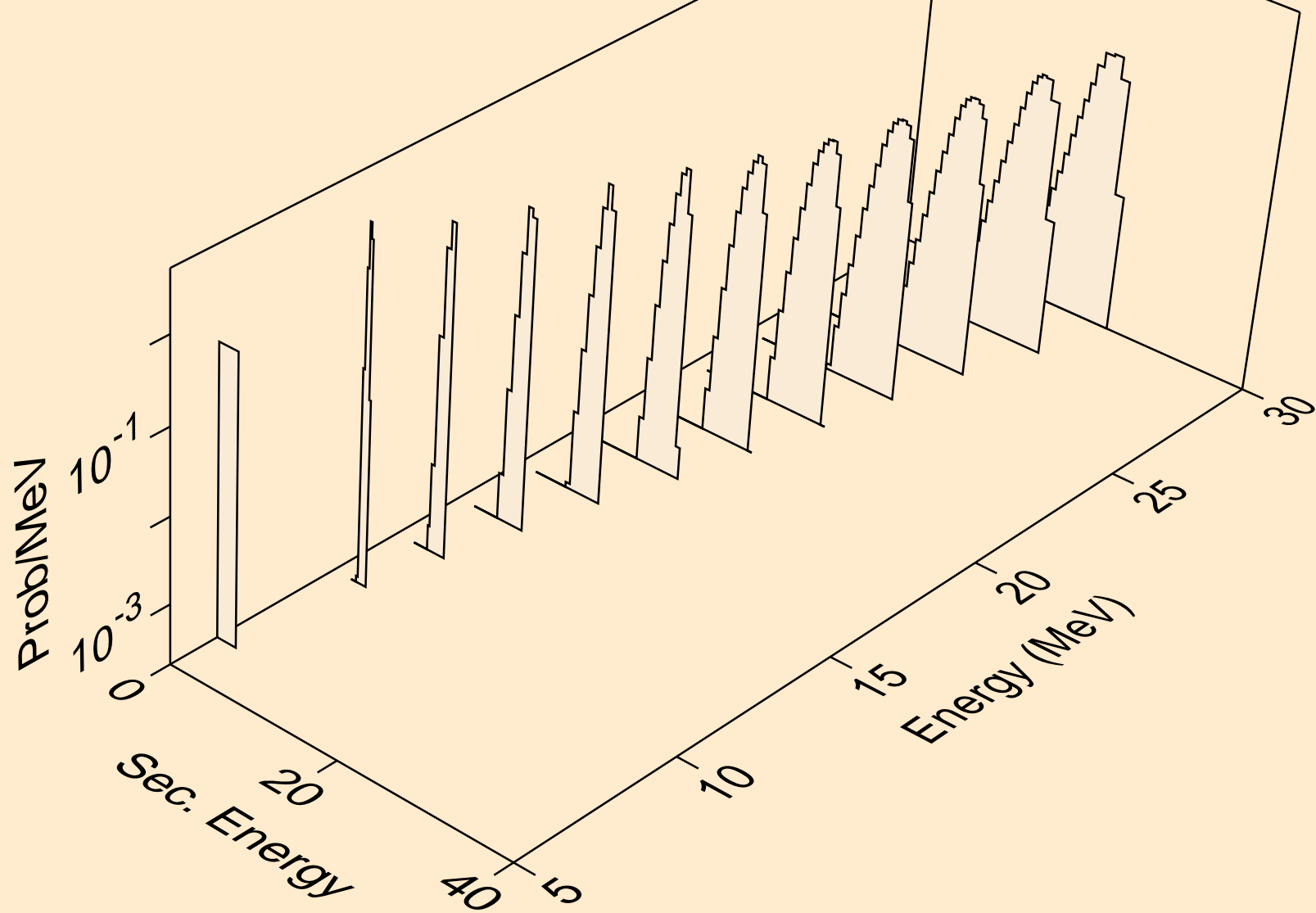




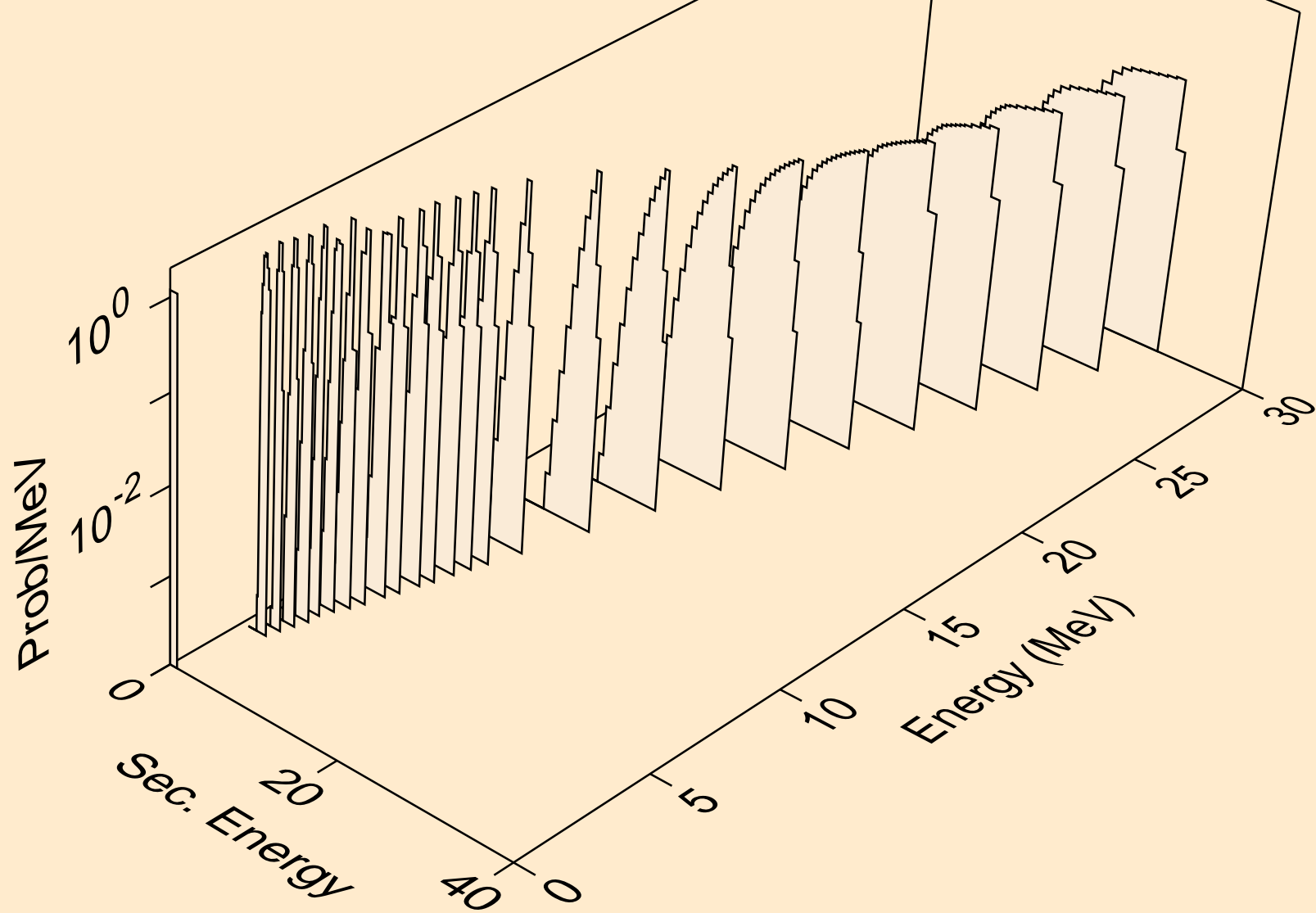
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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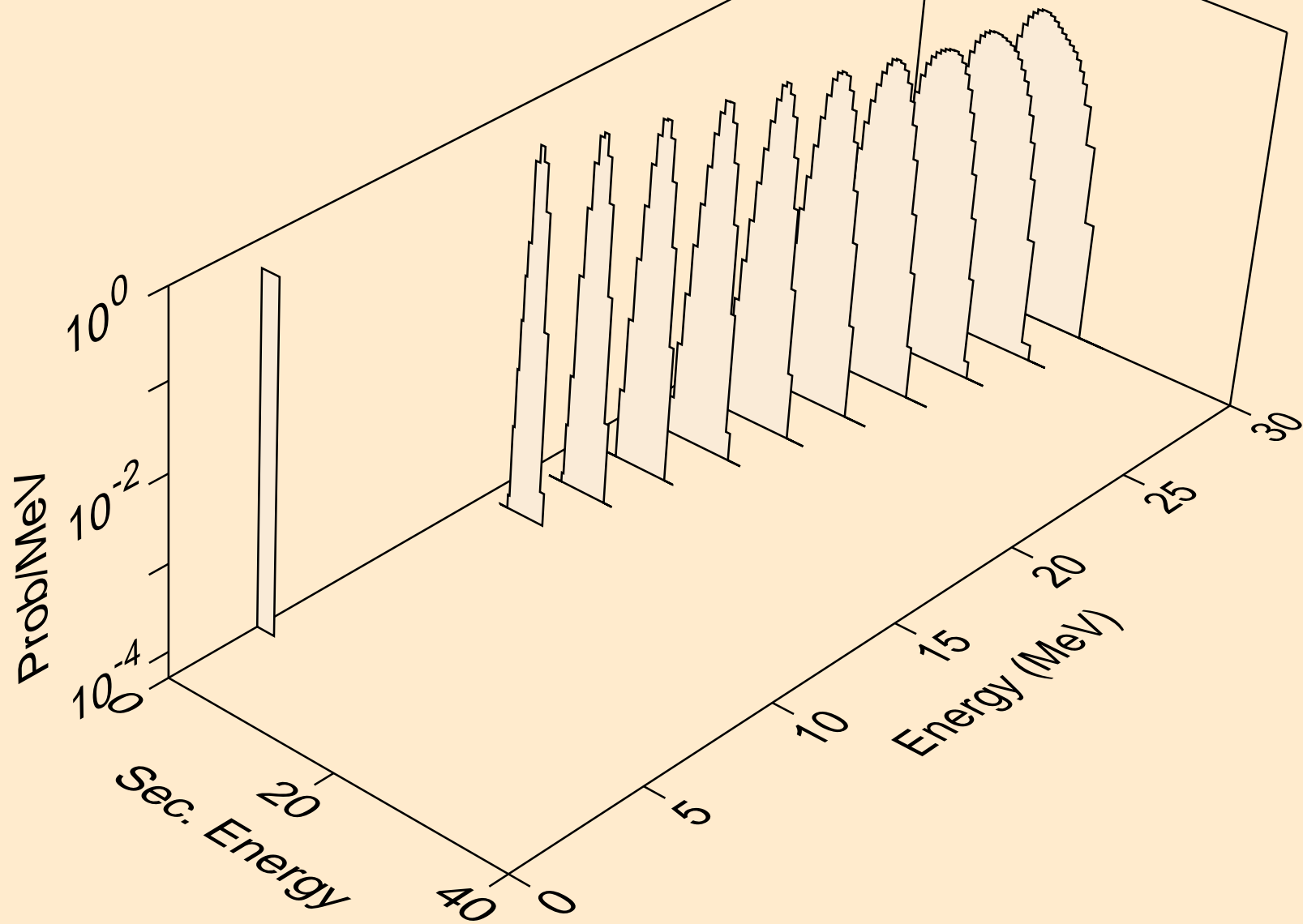
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



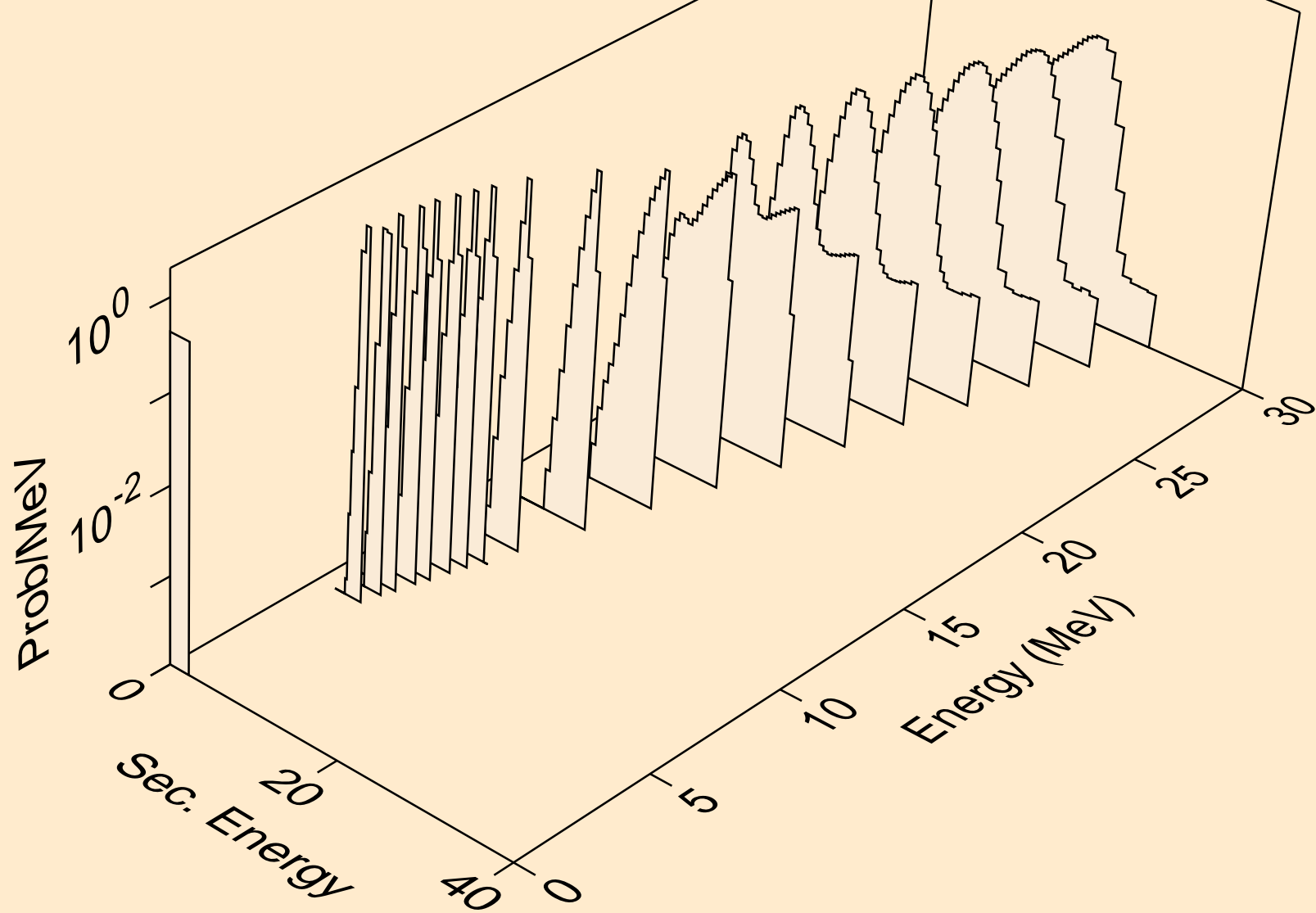
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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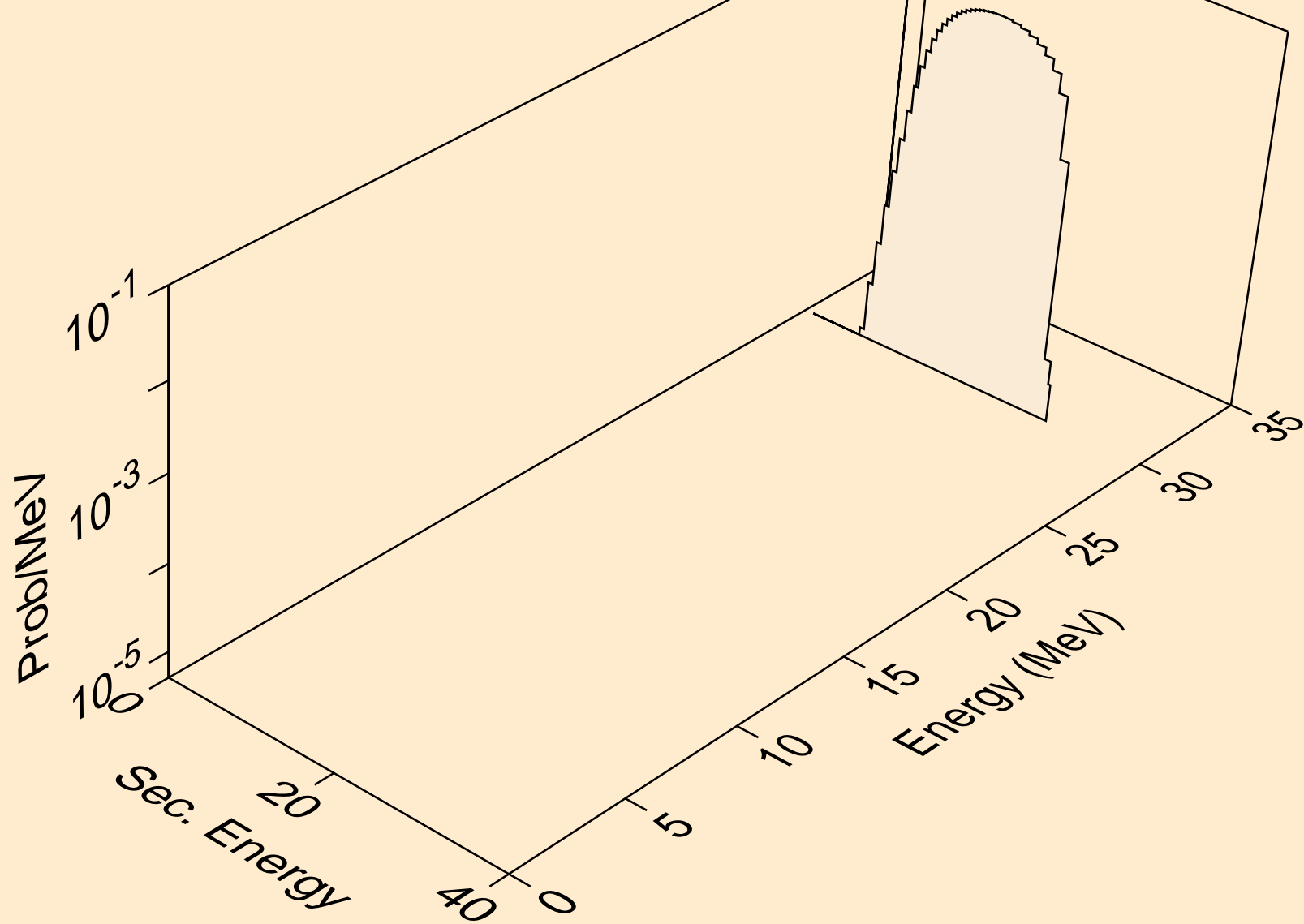
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



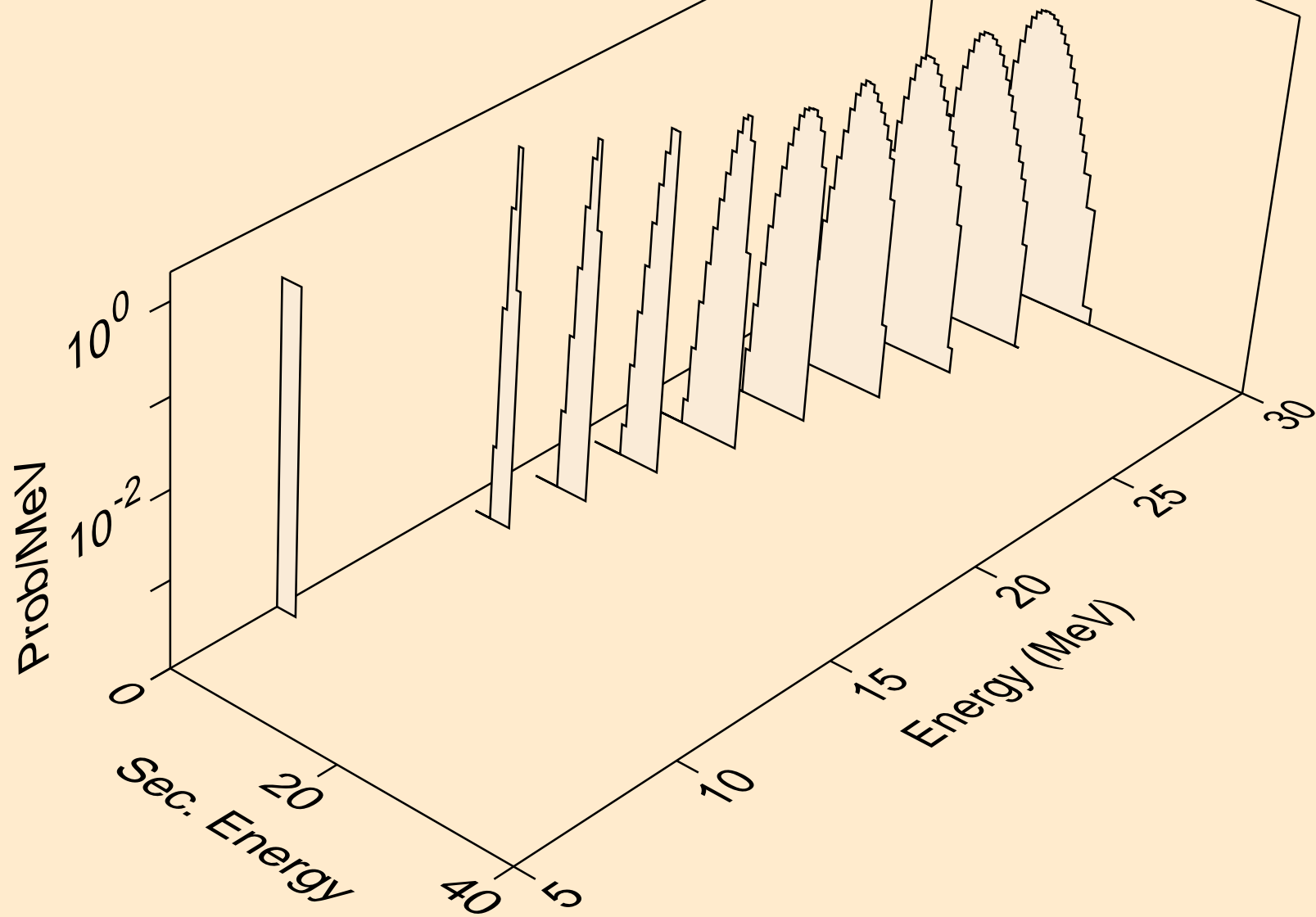
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deuterons from (n,da)



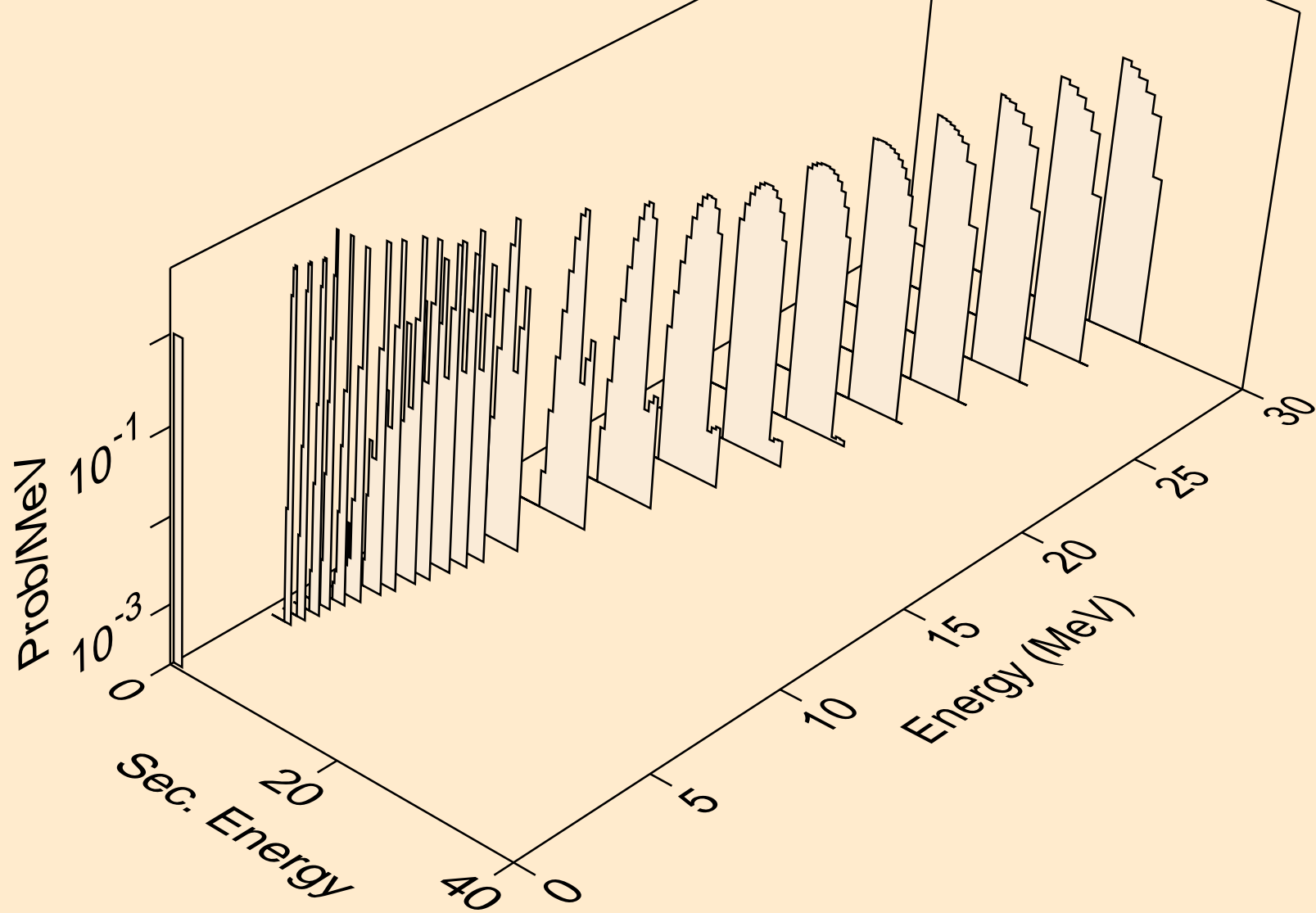
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

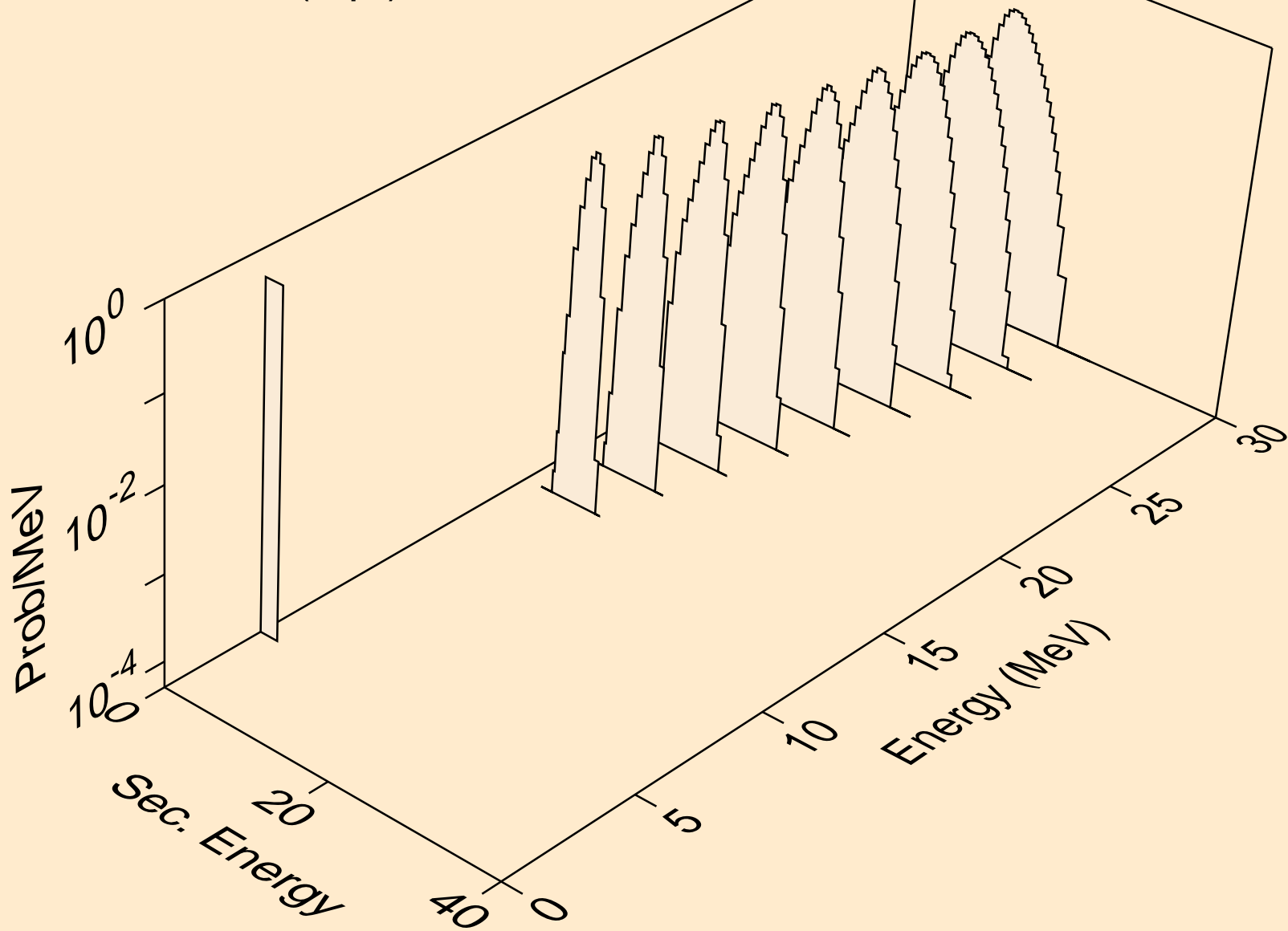


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

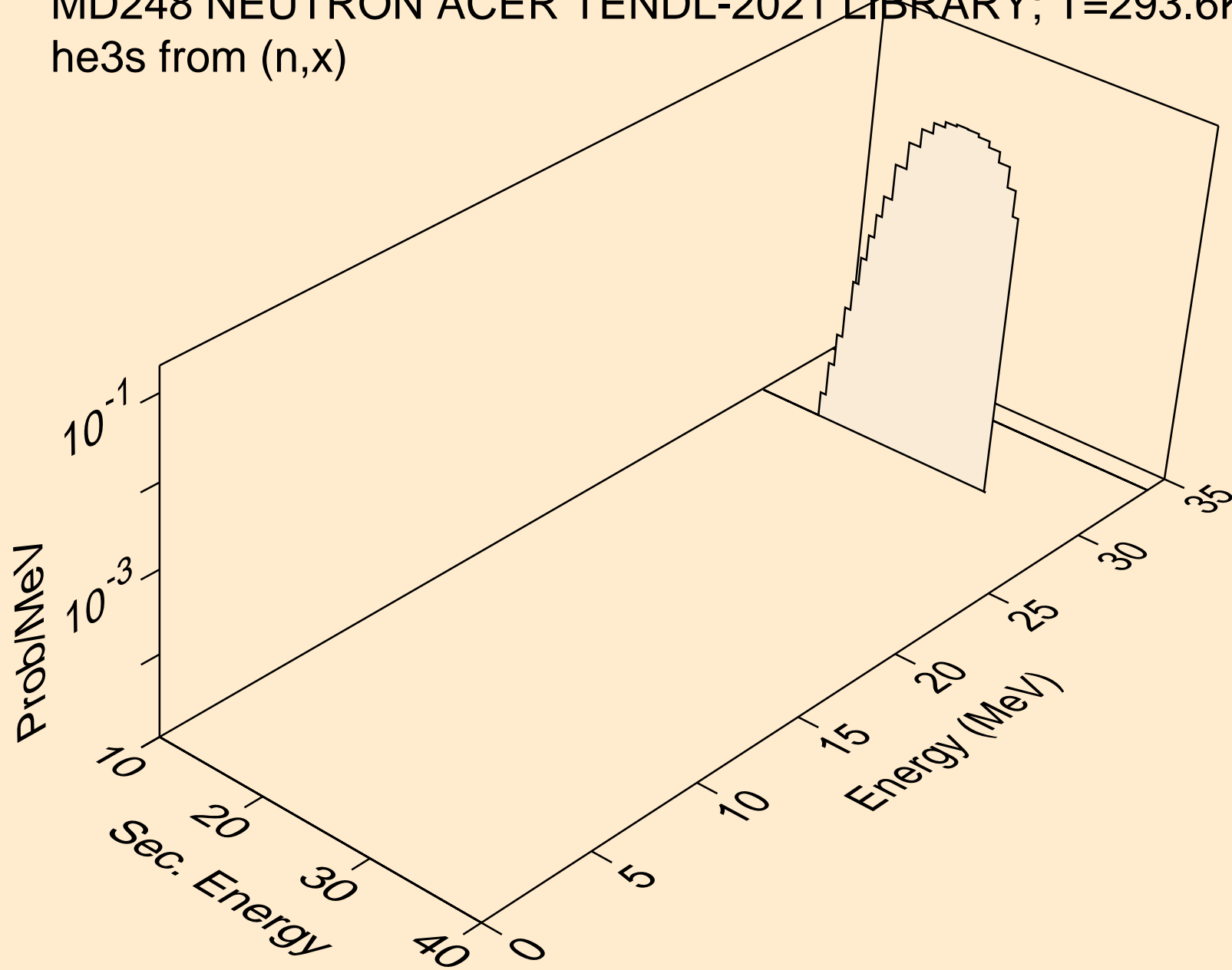




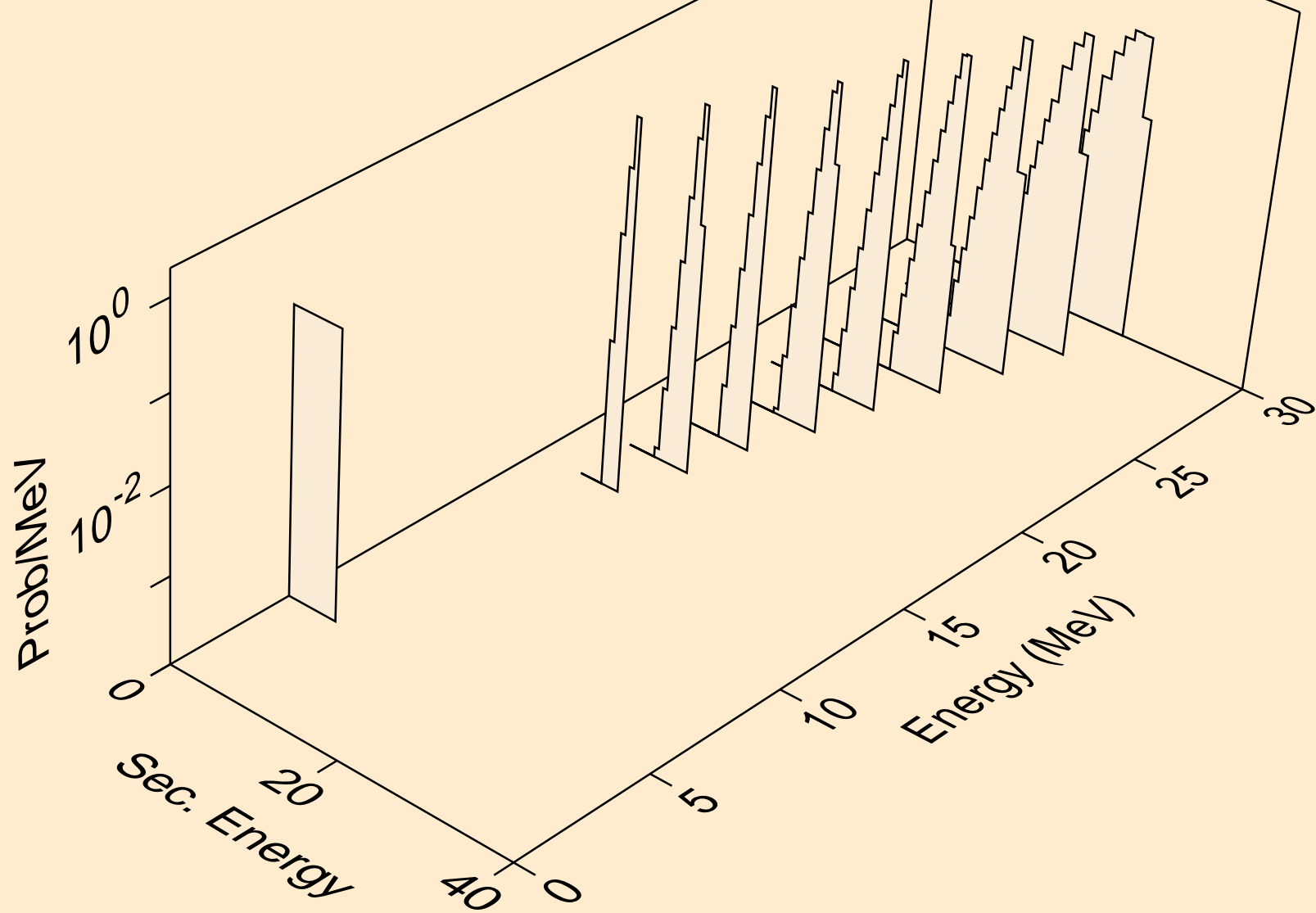
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



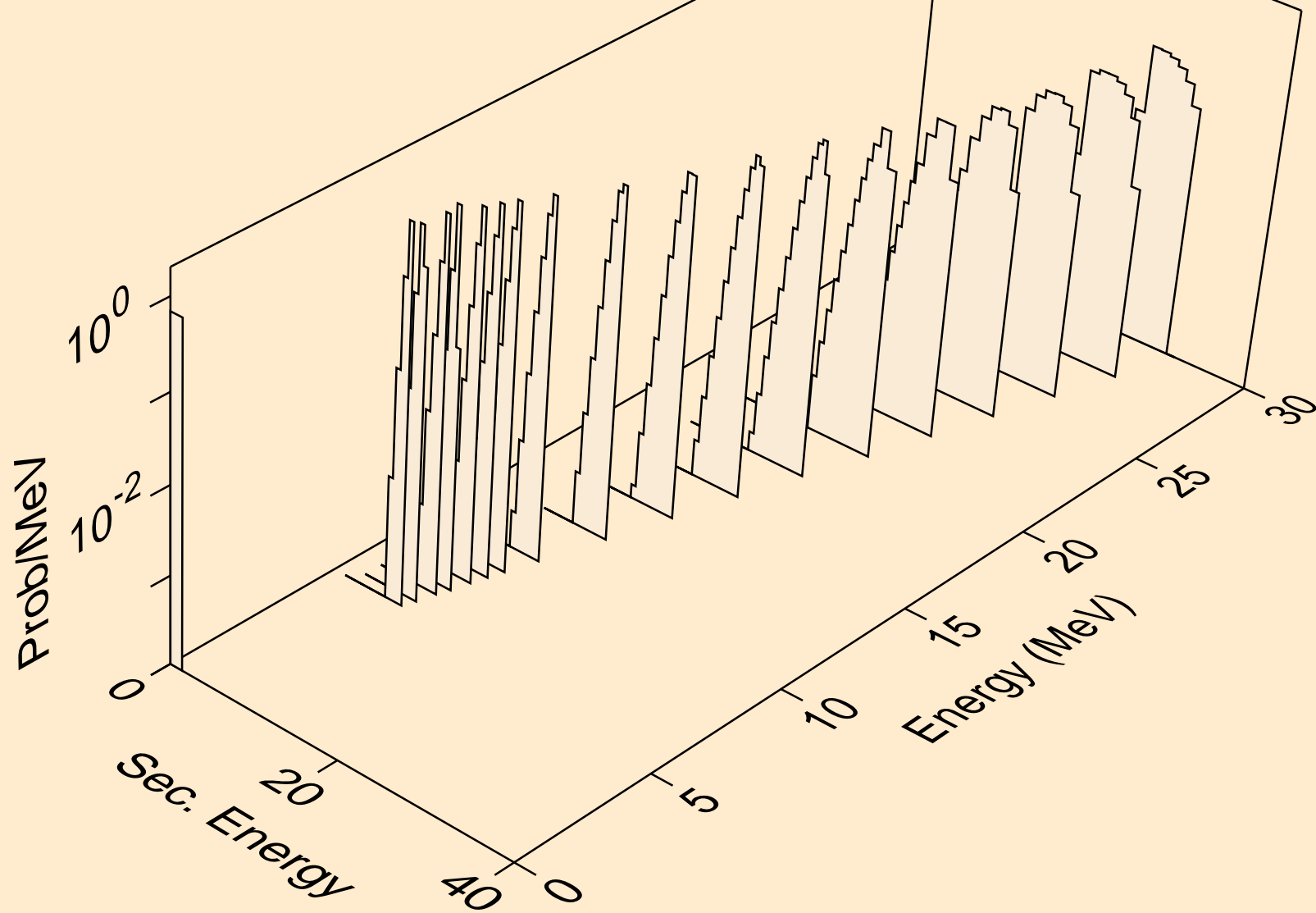
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



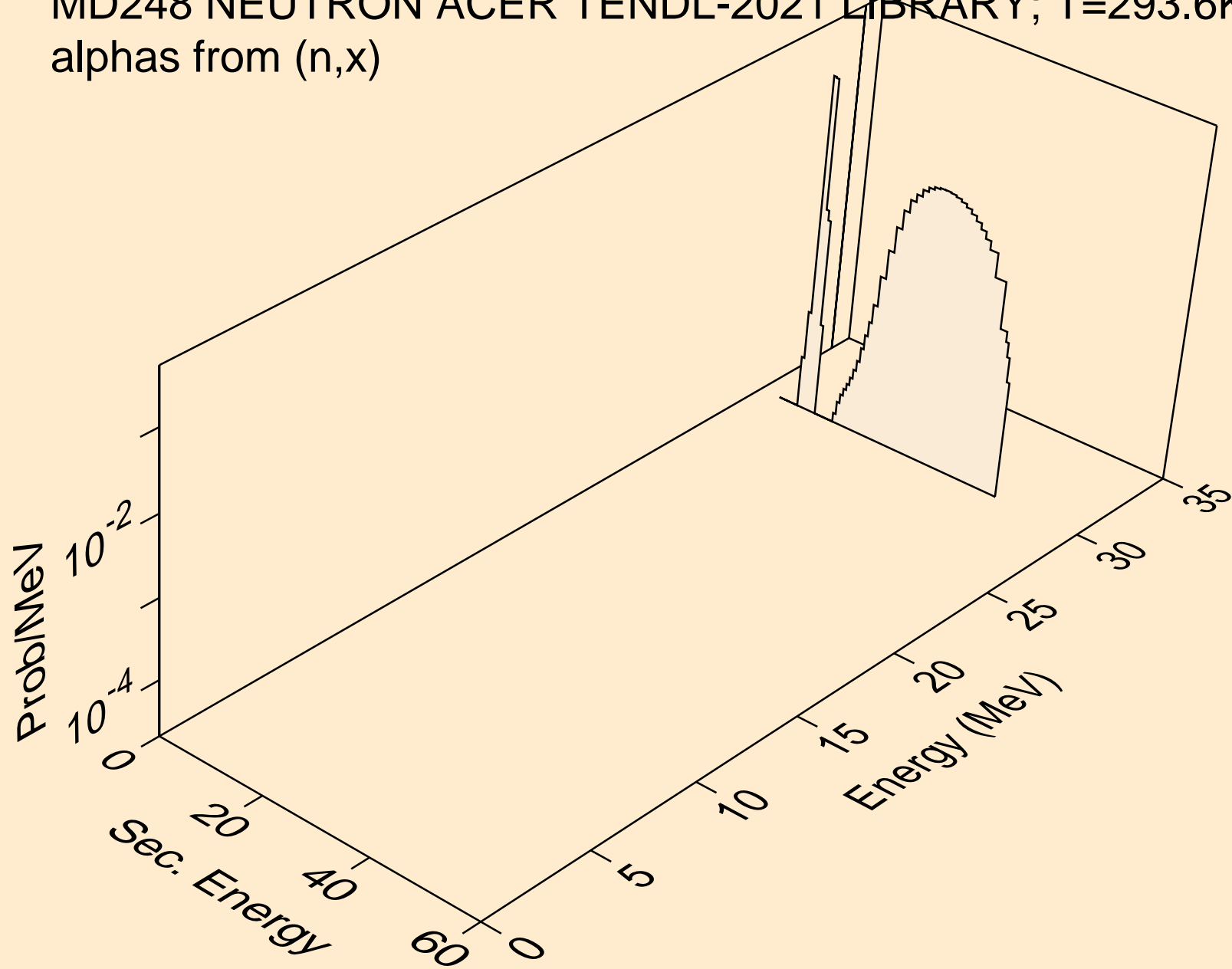
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



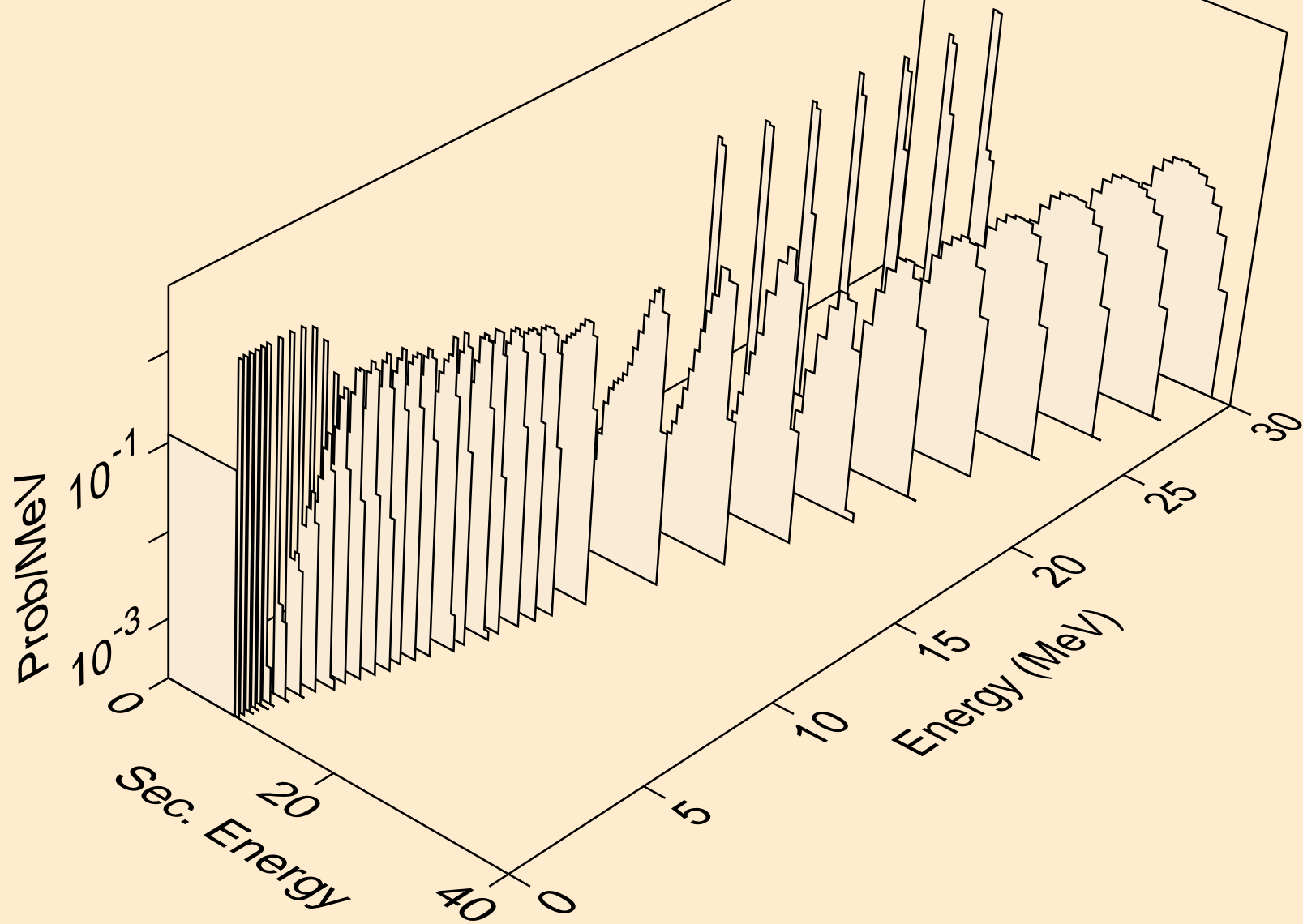
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



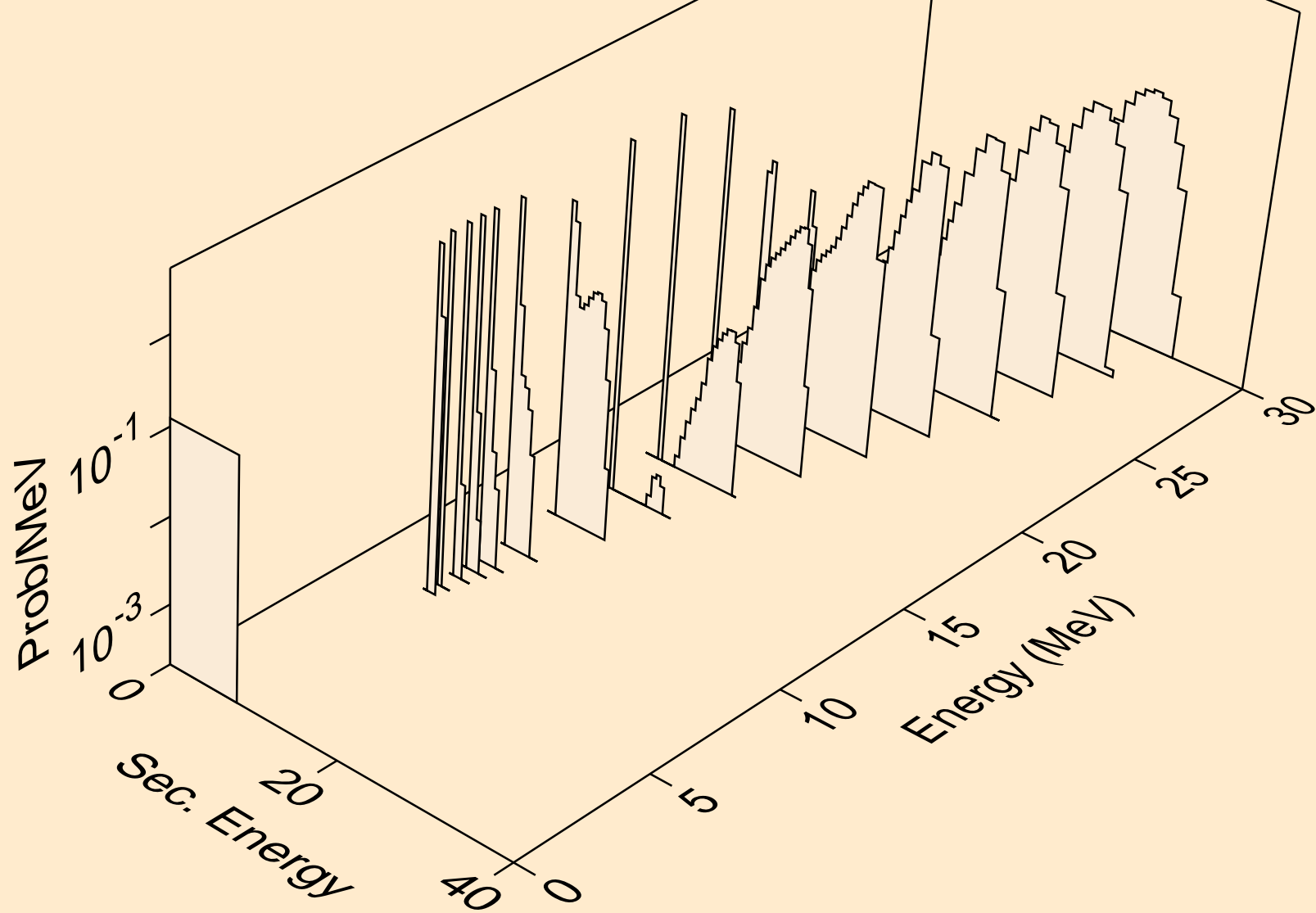
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



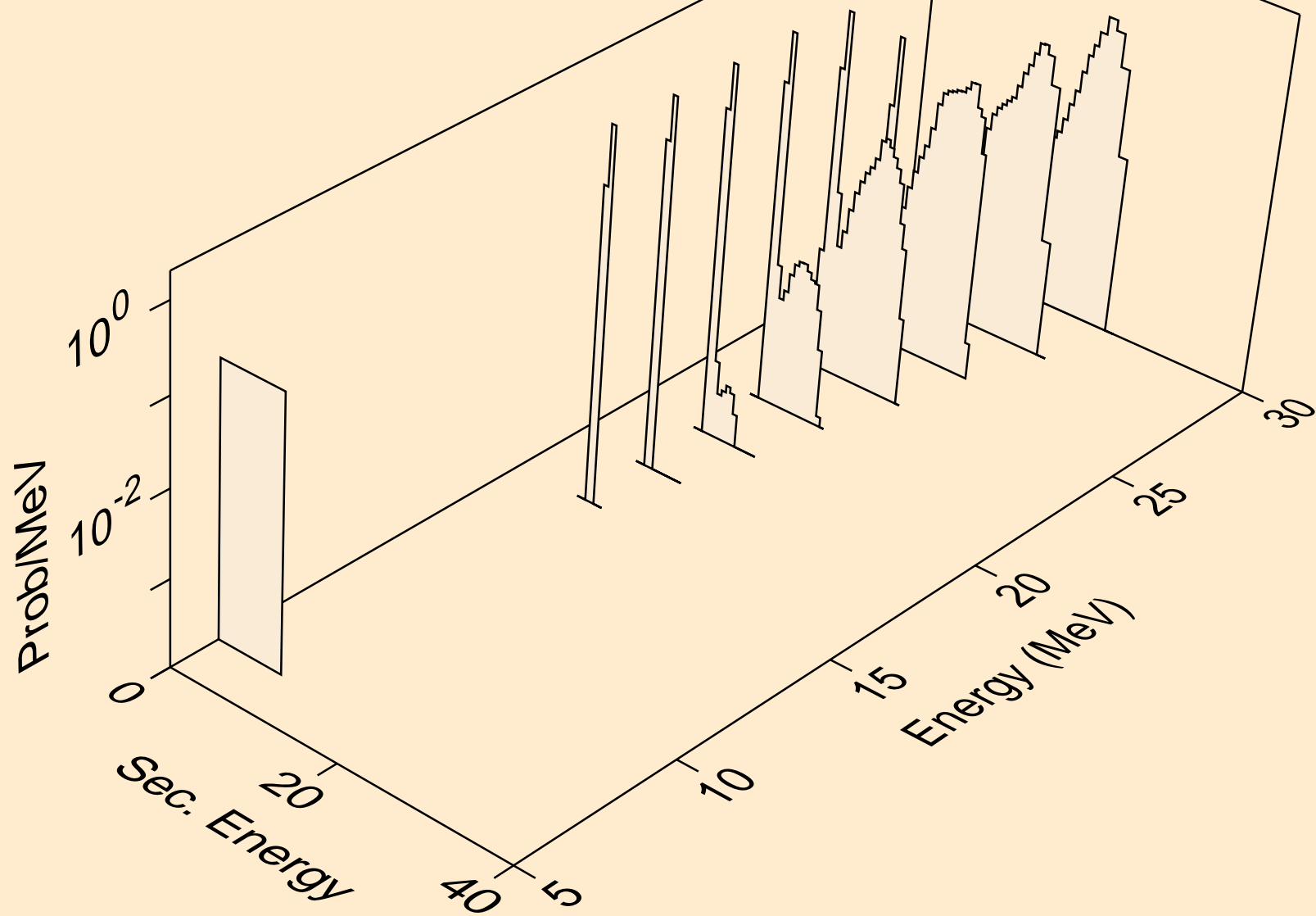
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

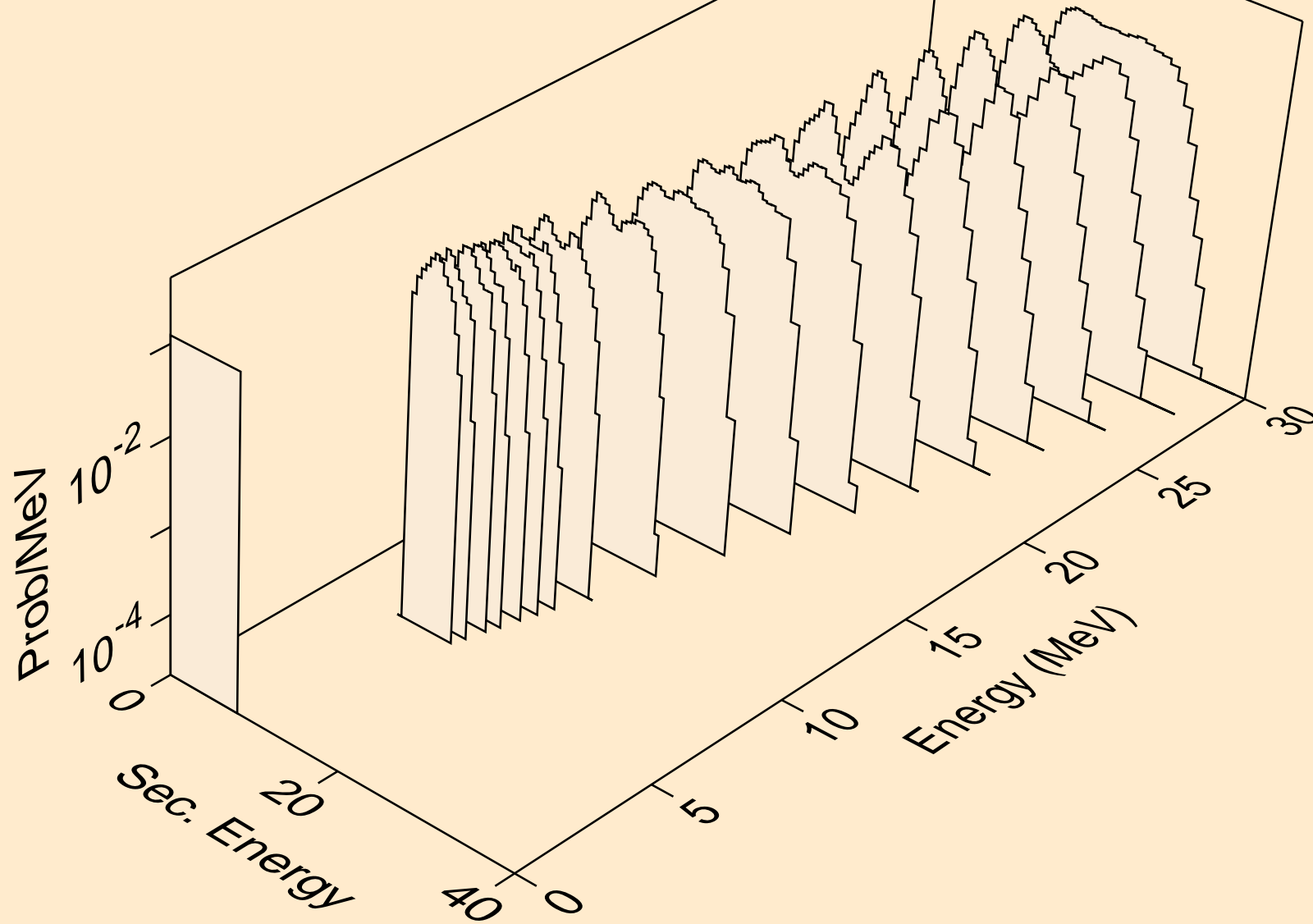


MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

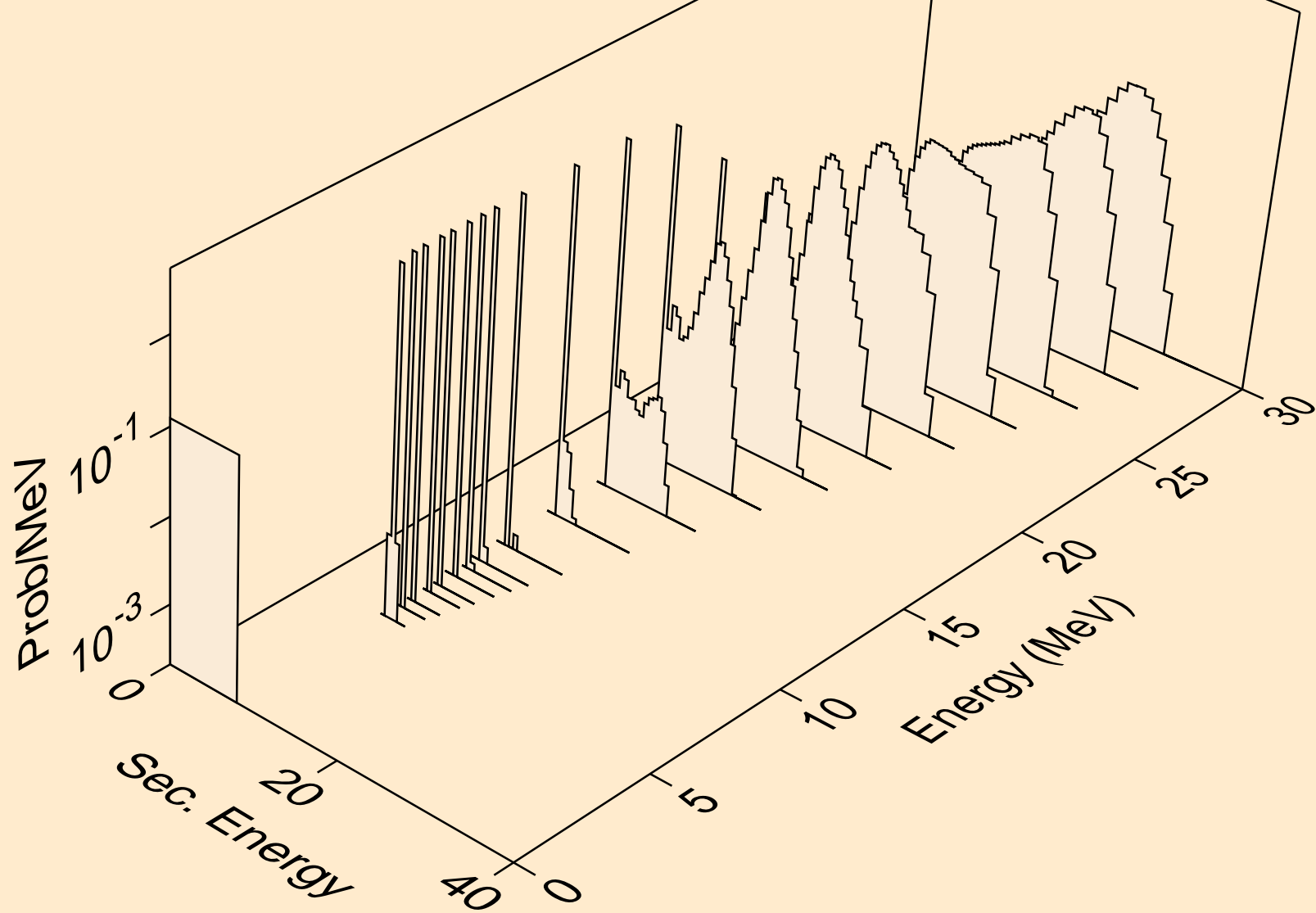




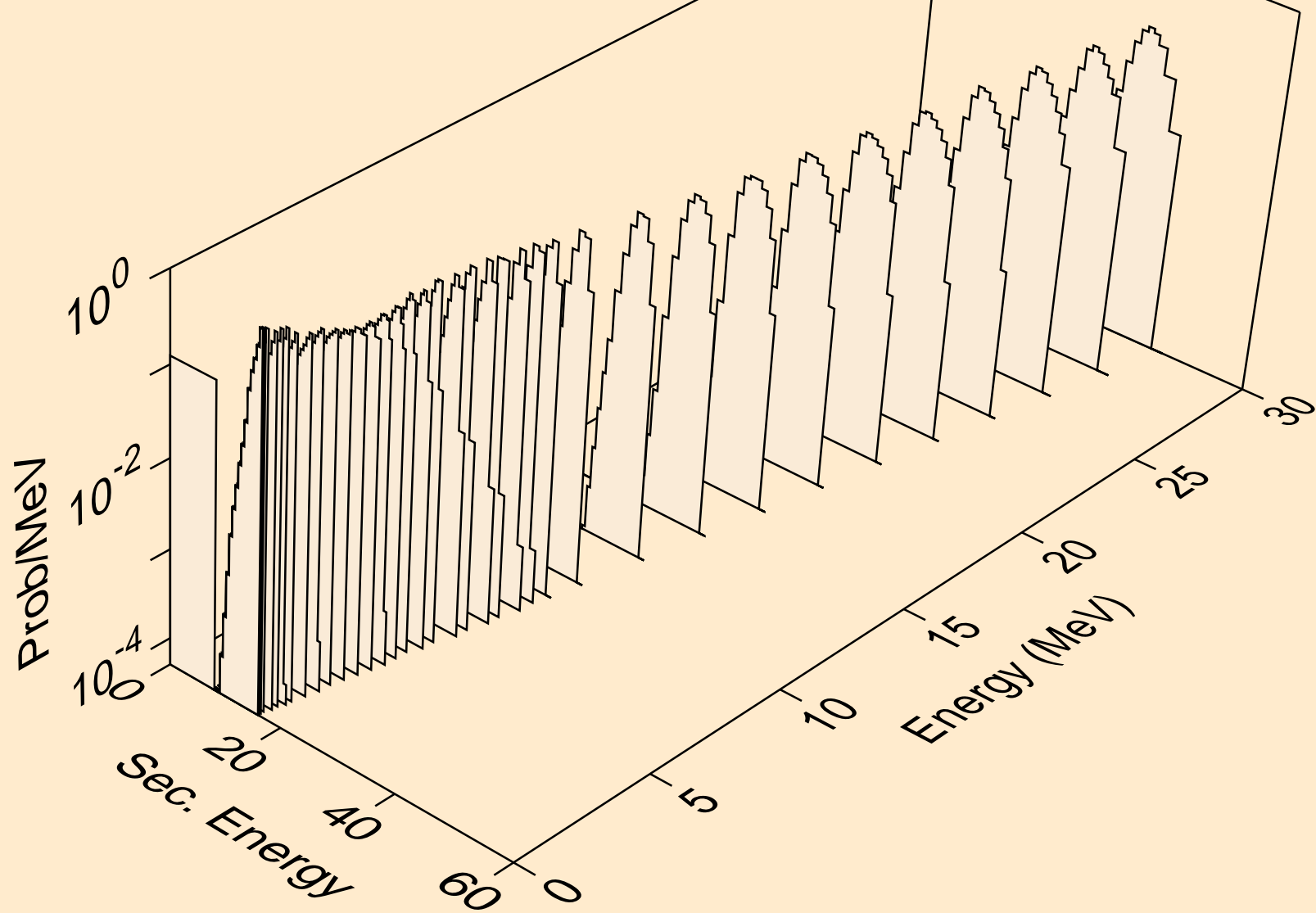
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



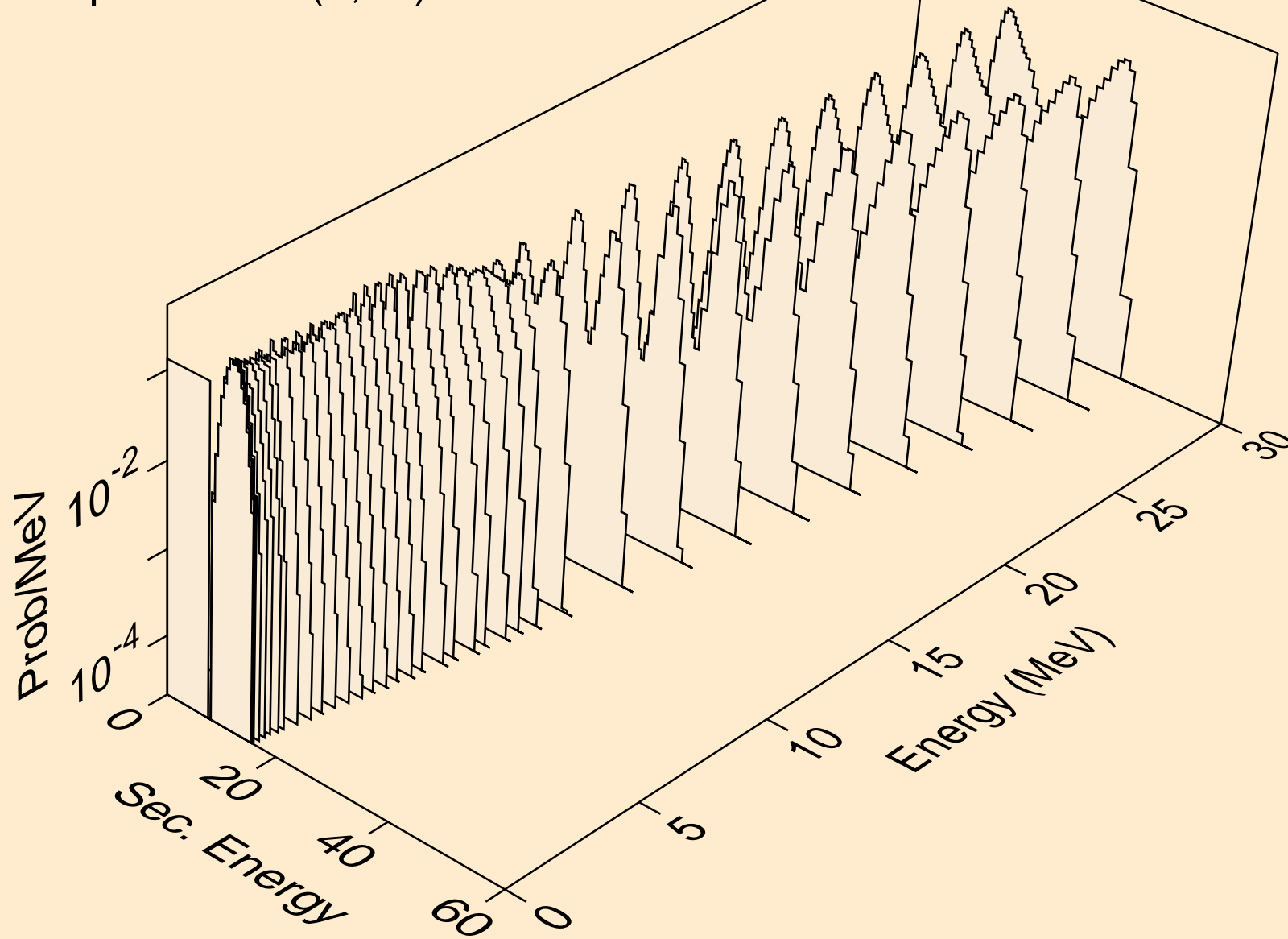
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



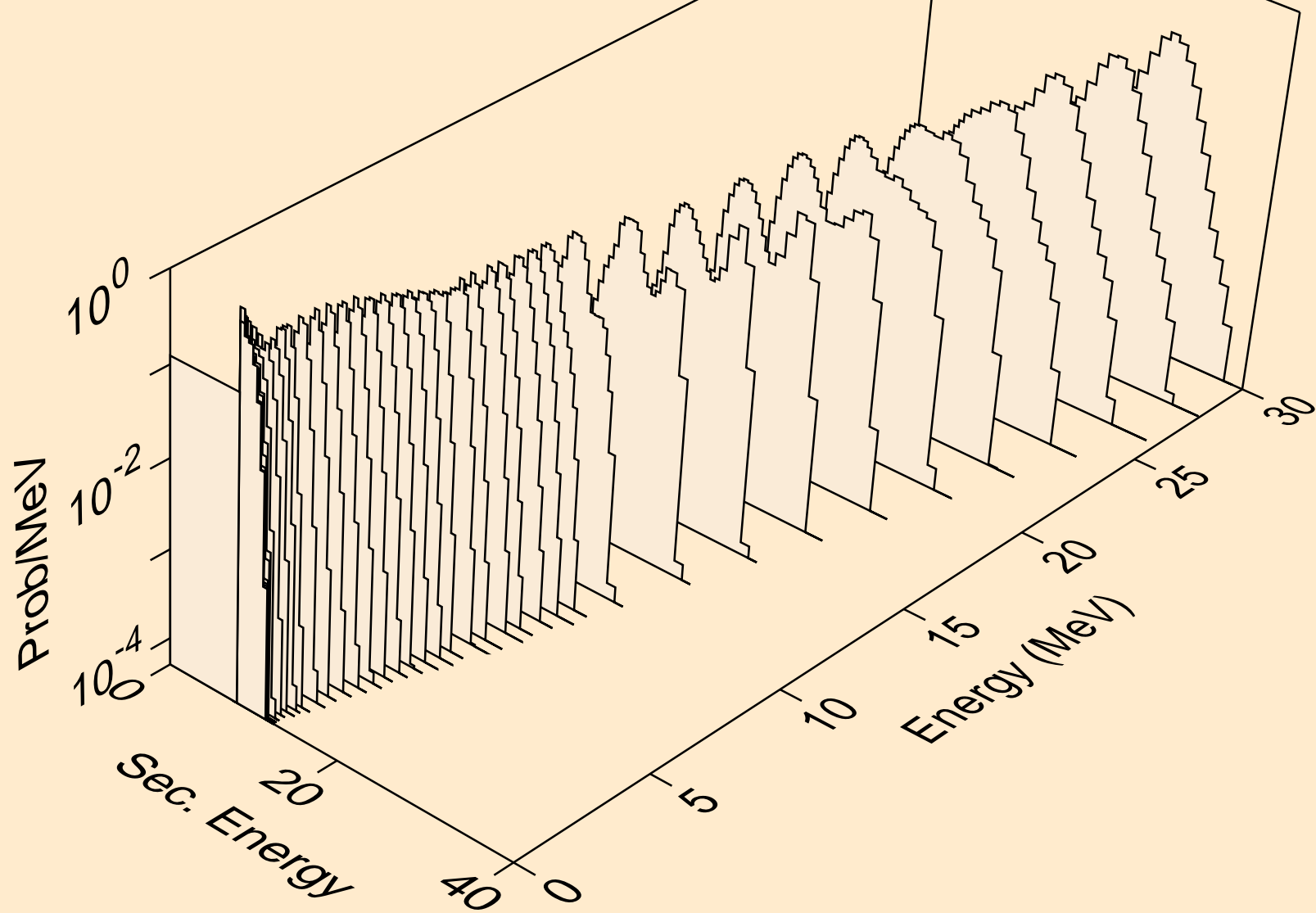
MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



MD248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

