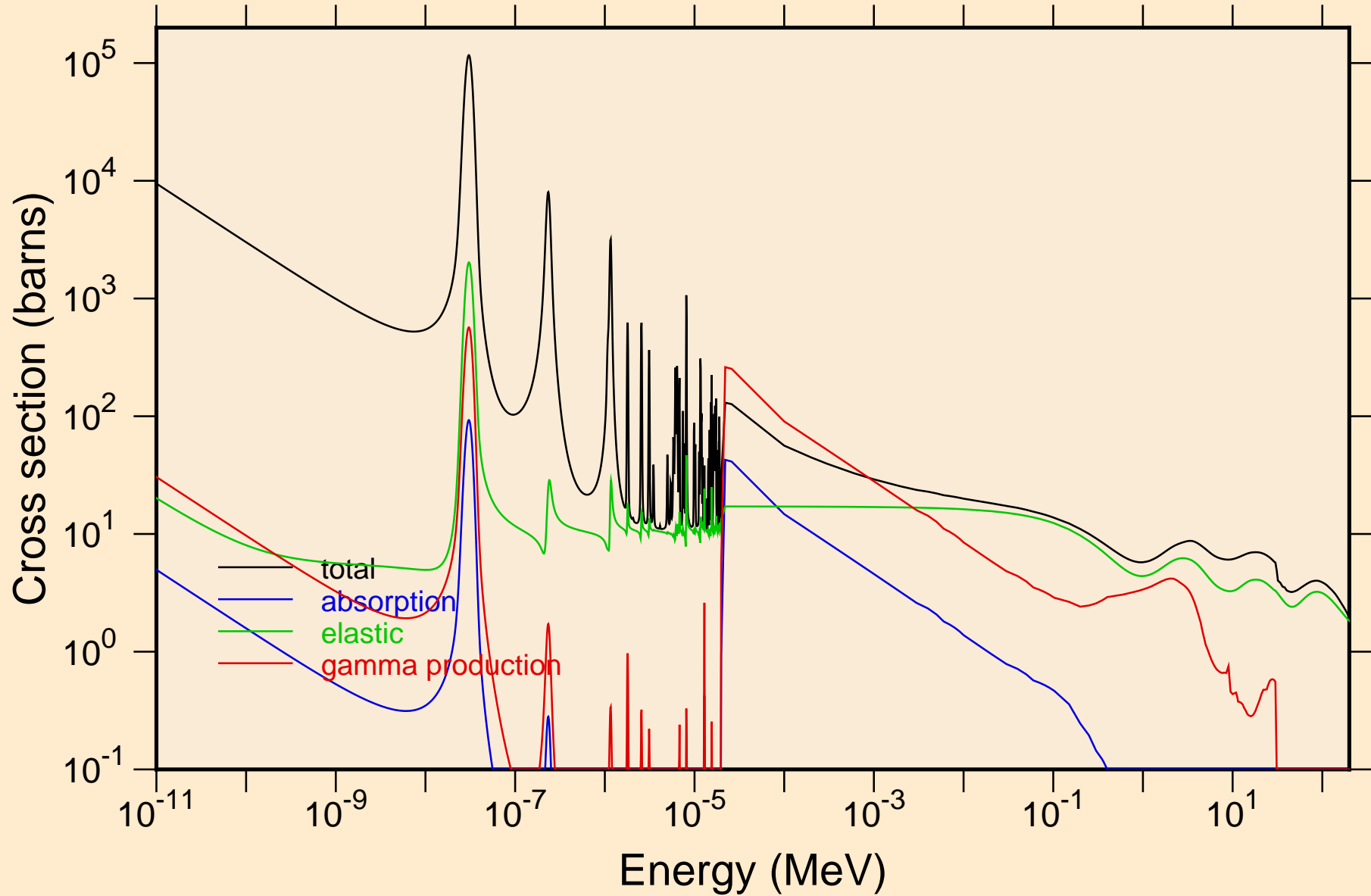
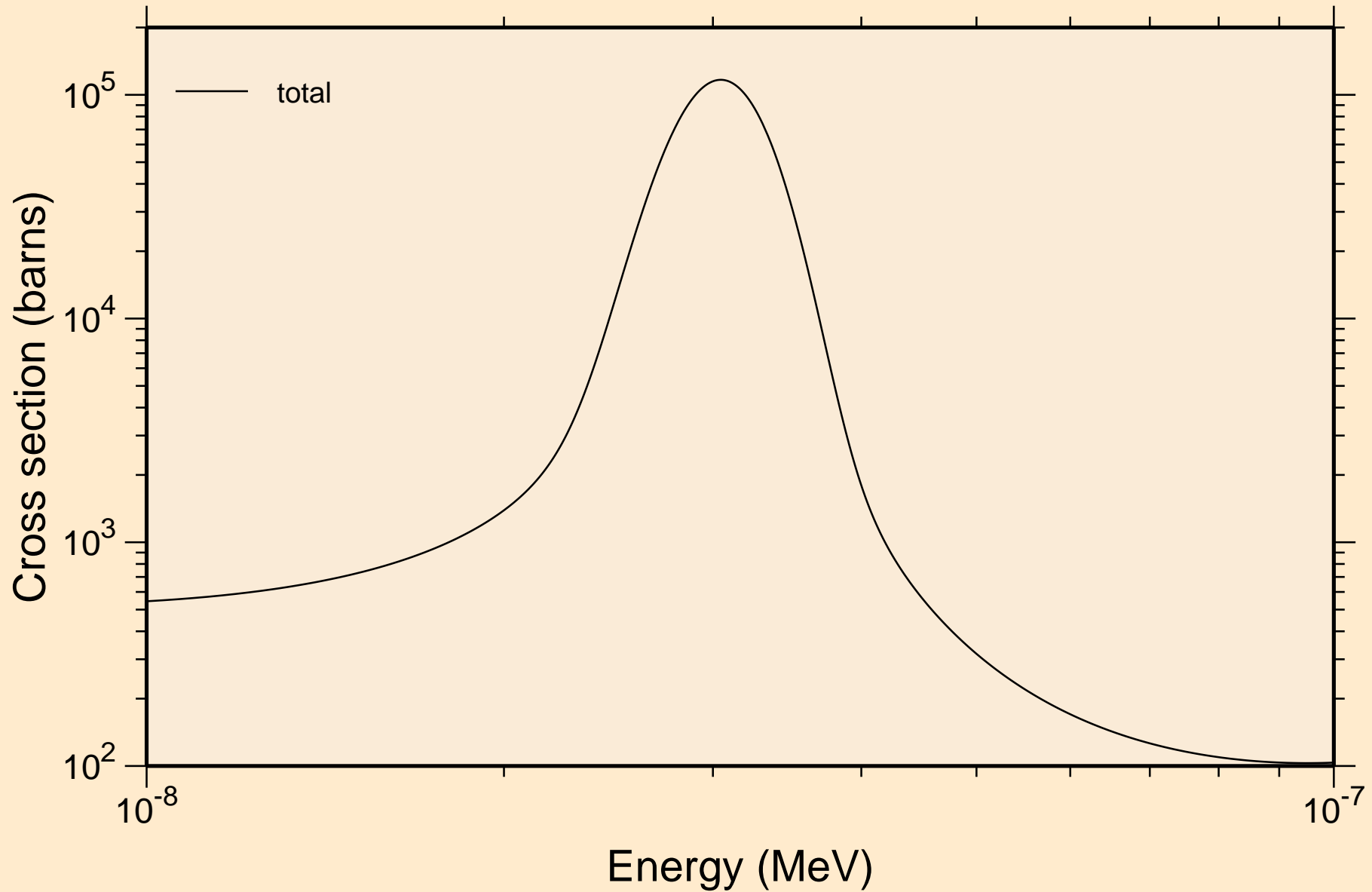


# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

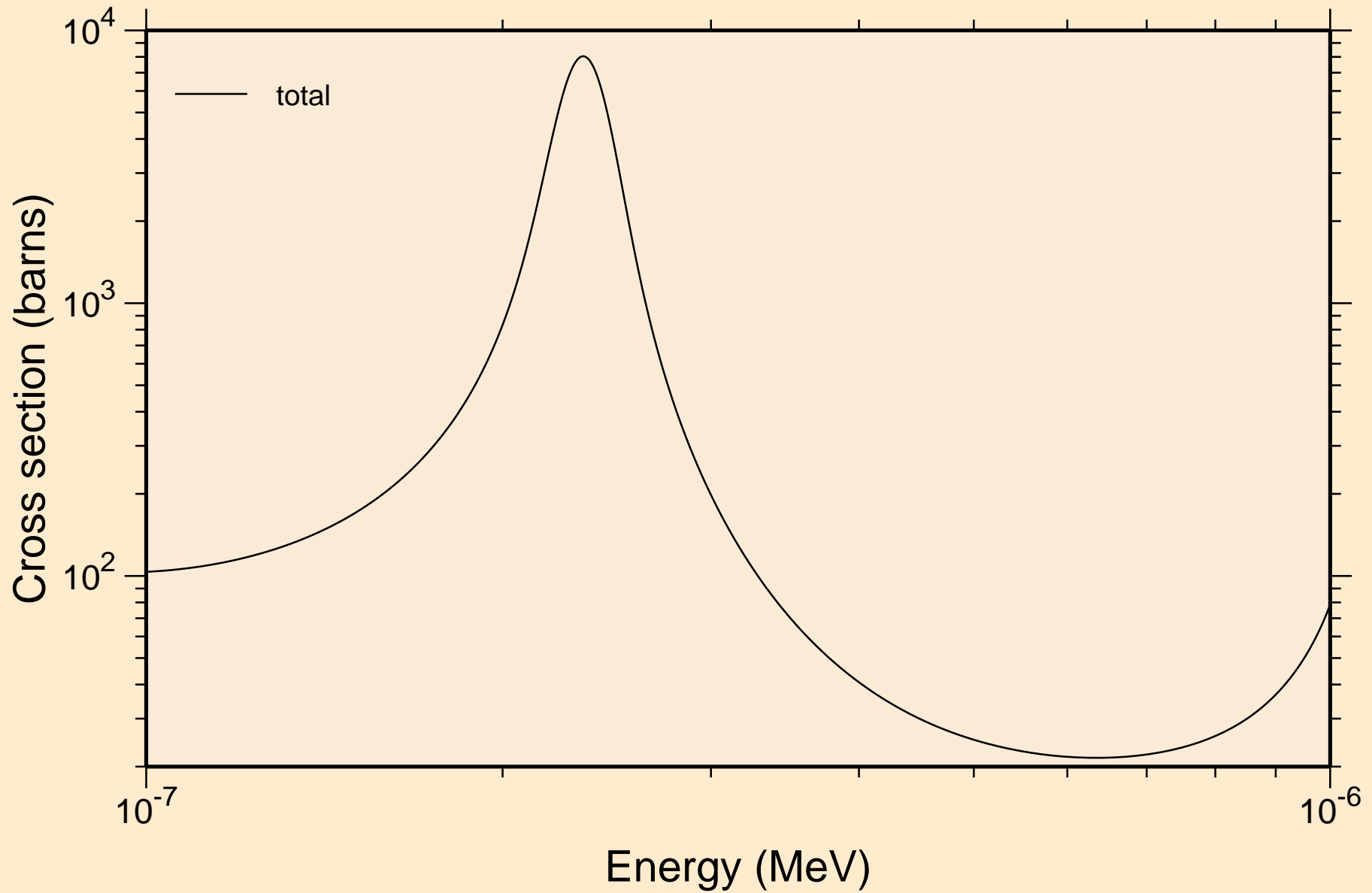
## Principal cross sections



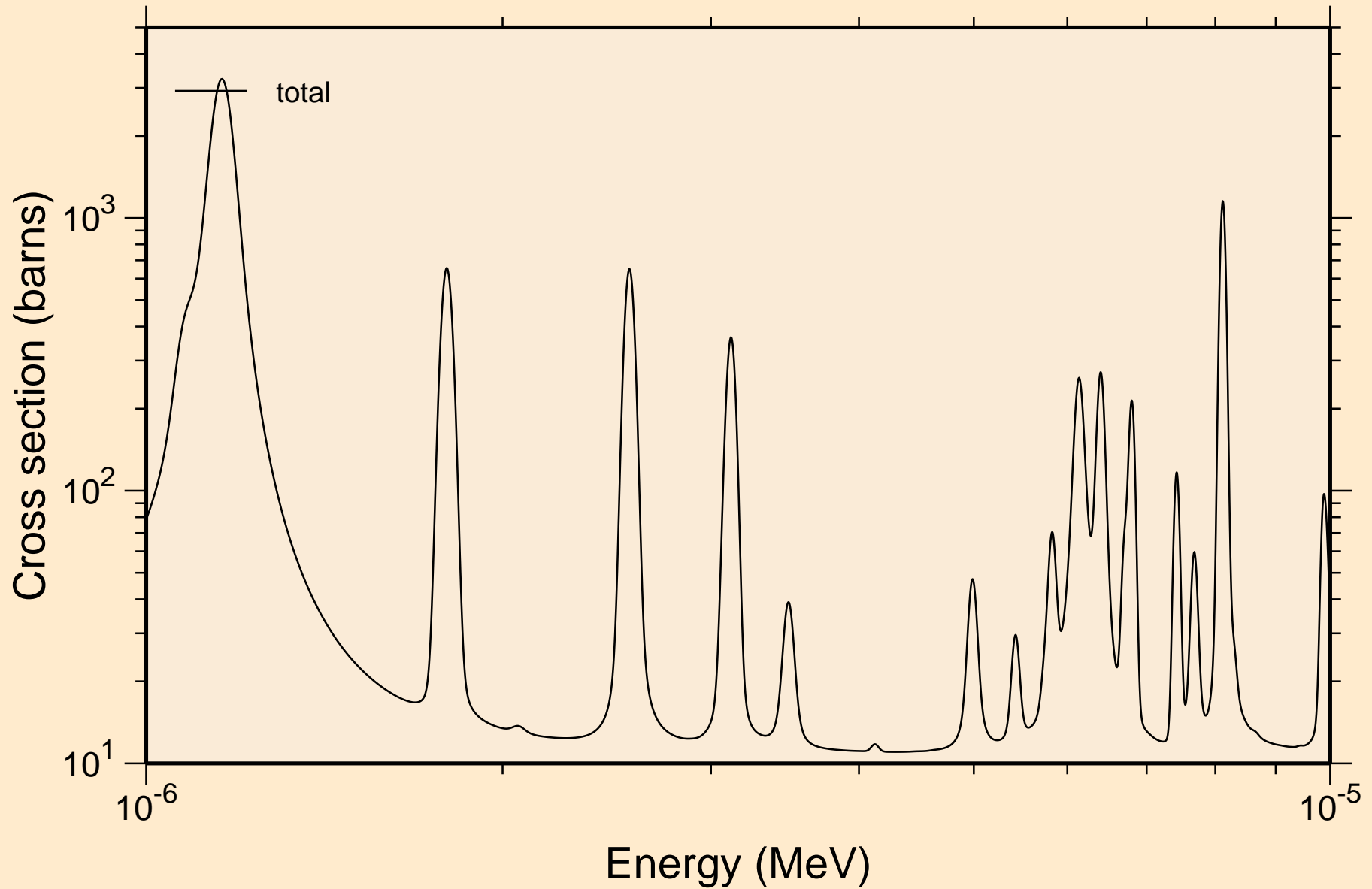
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



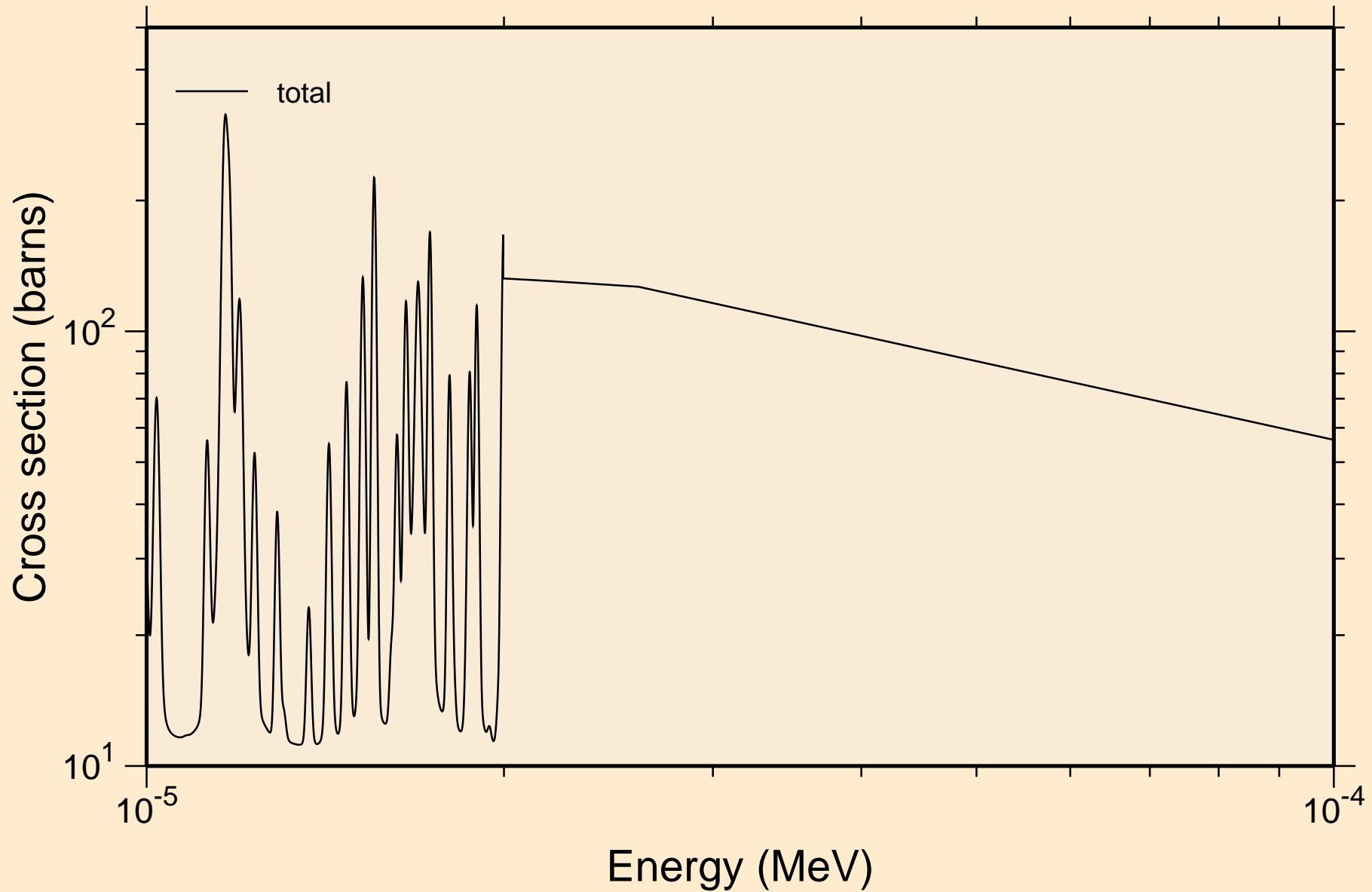
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



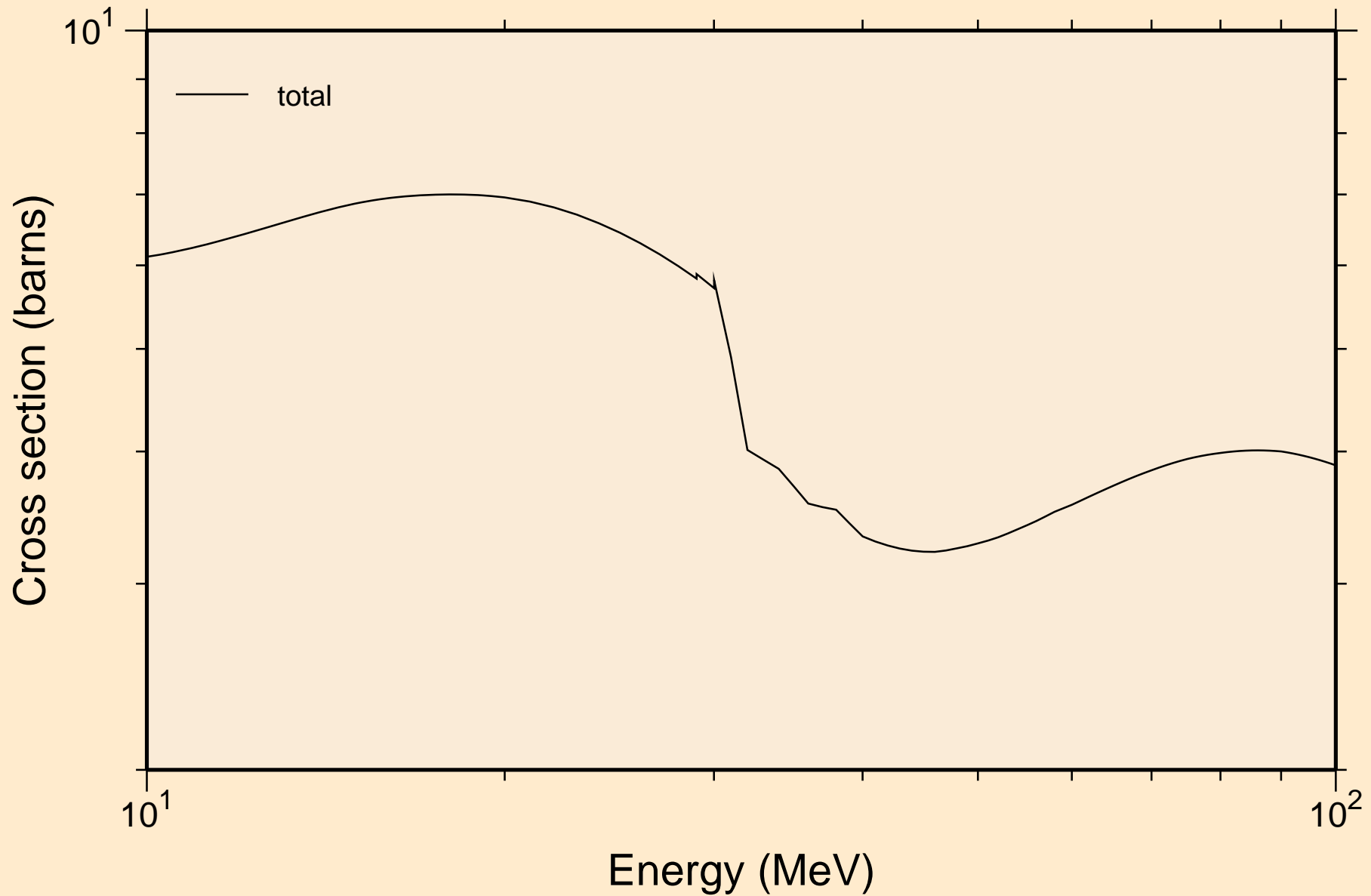
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



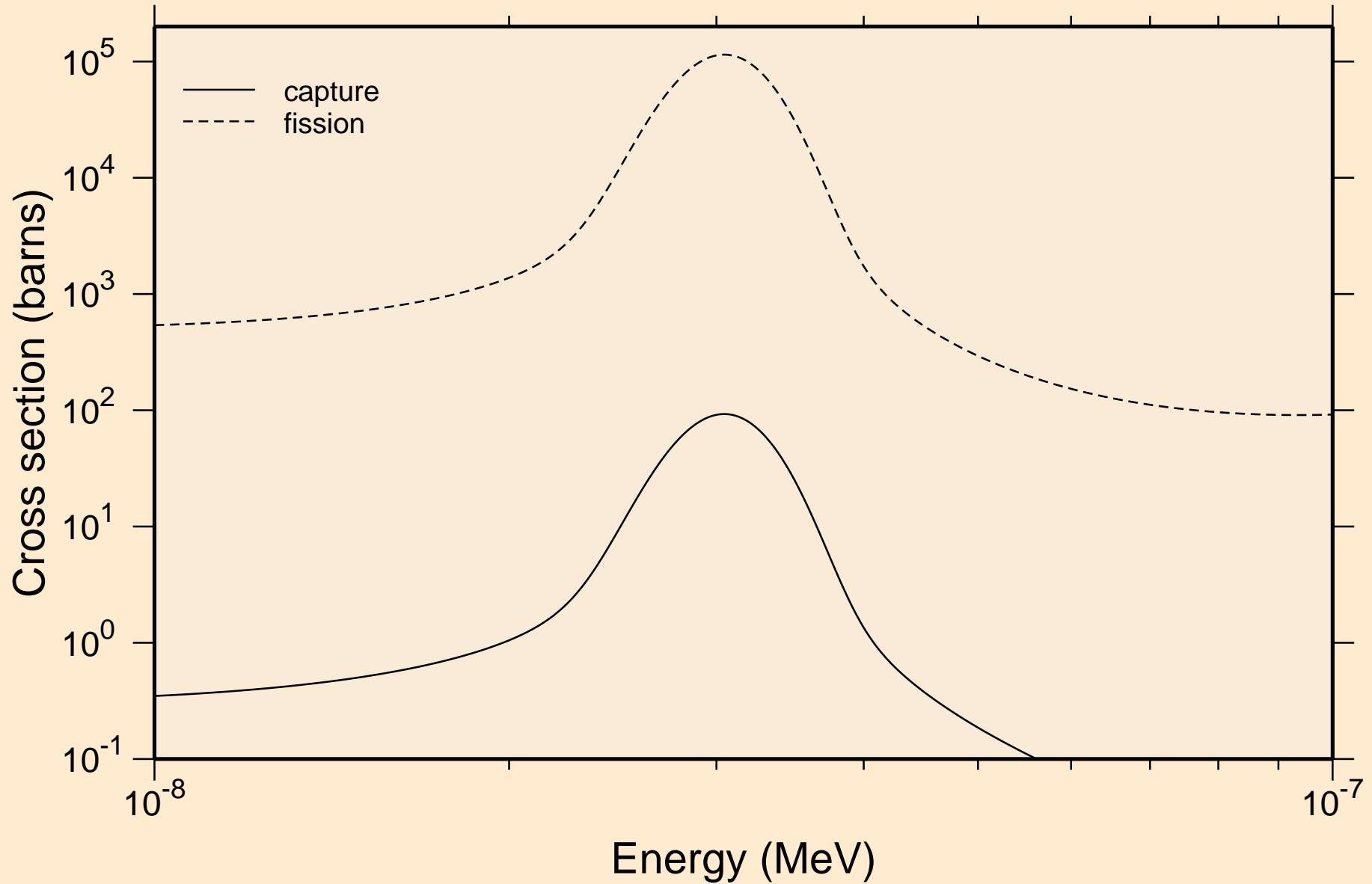
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



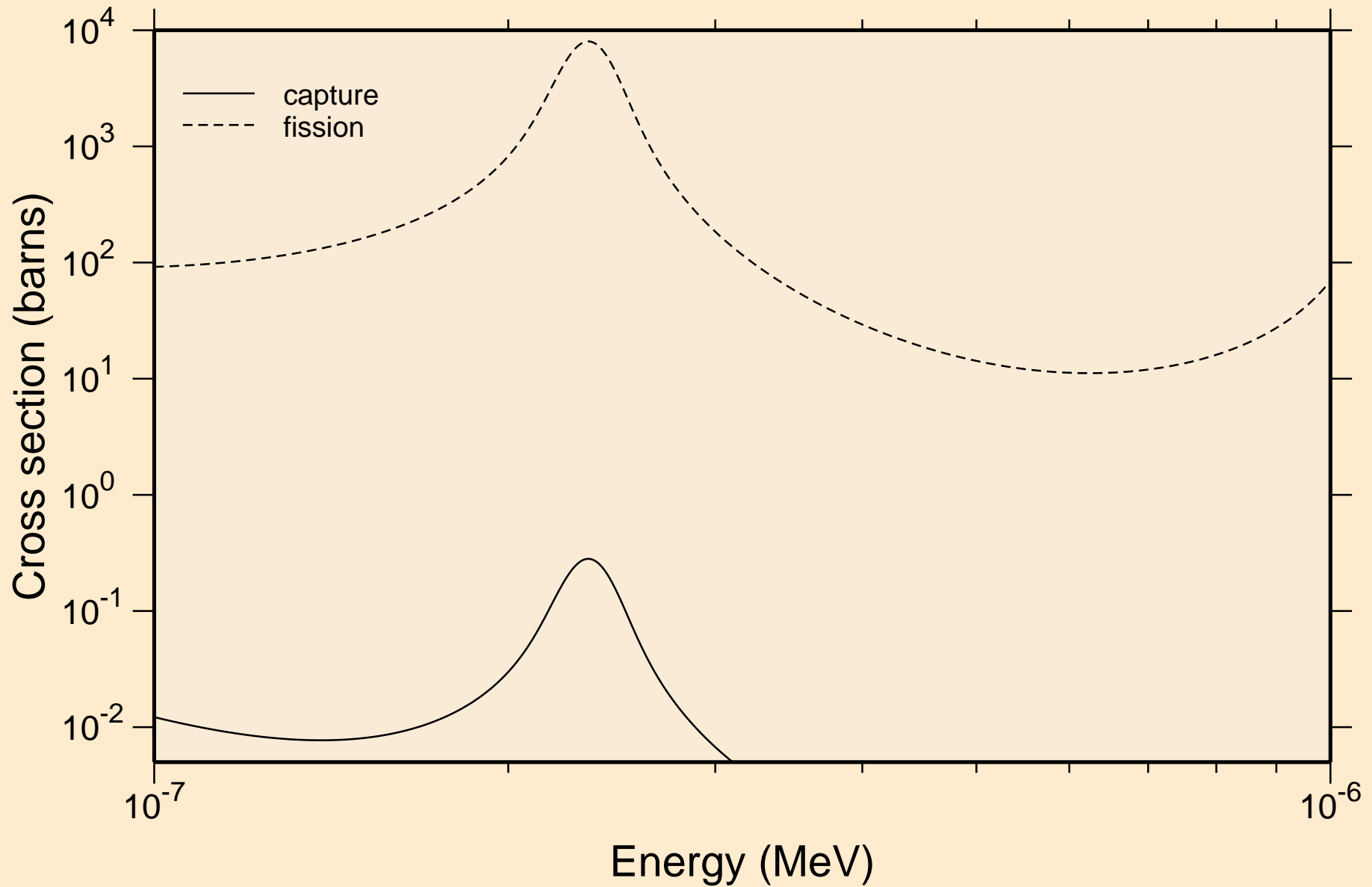
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

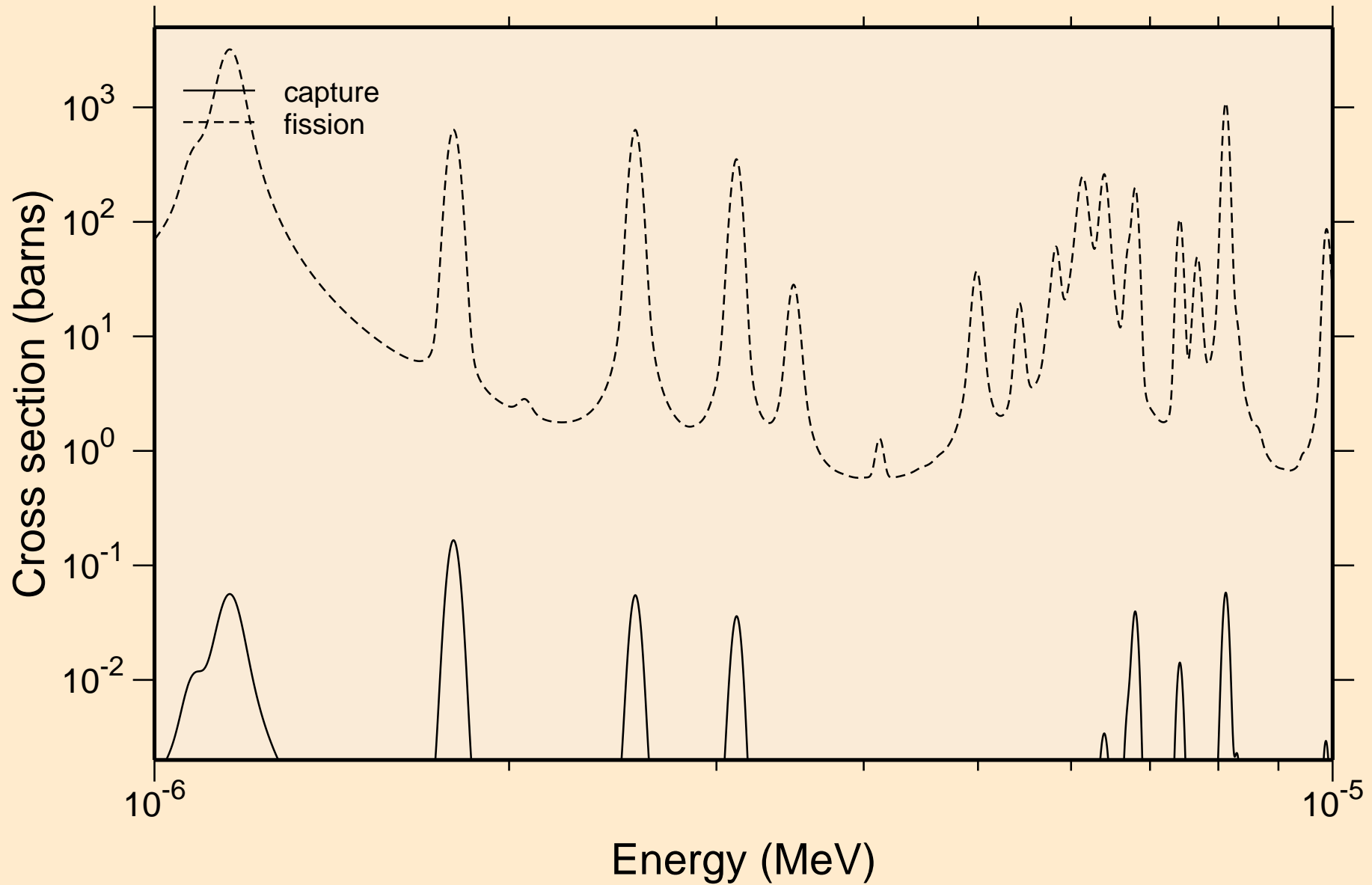


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

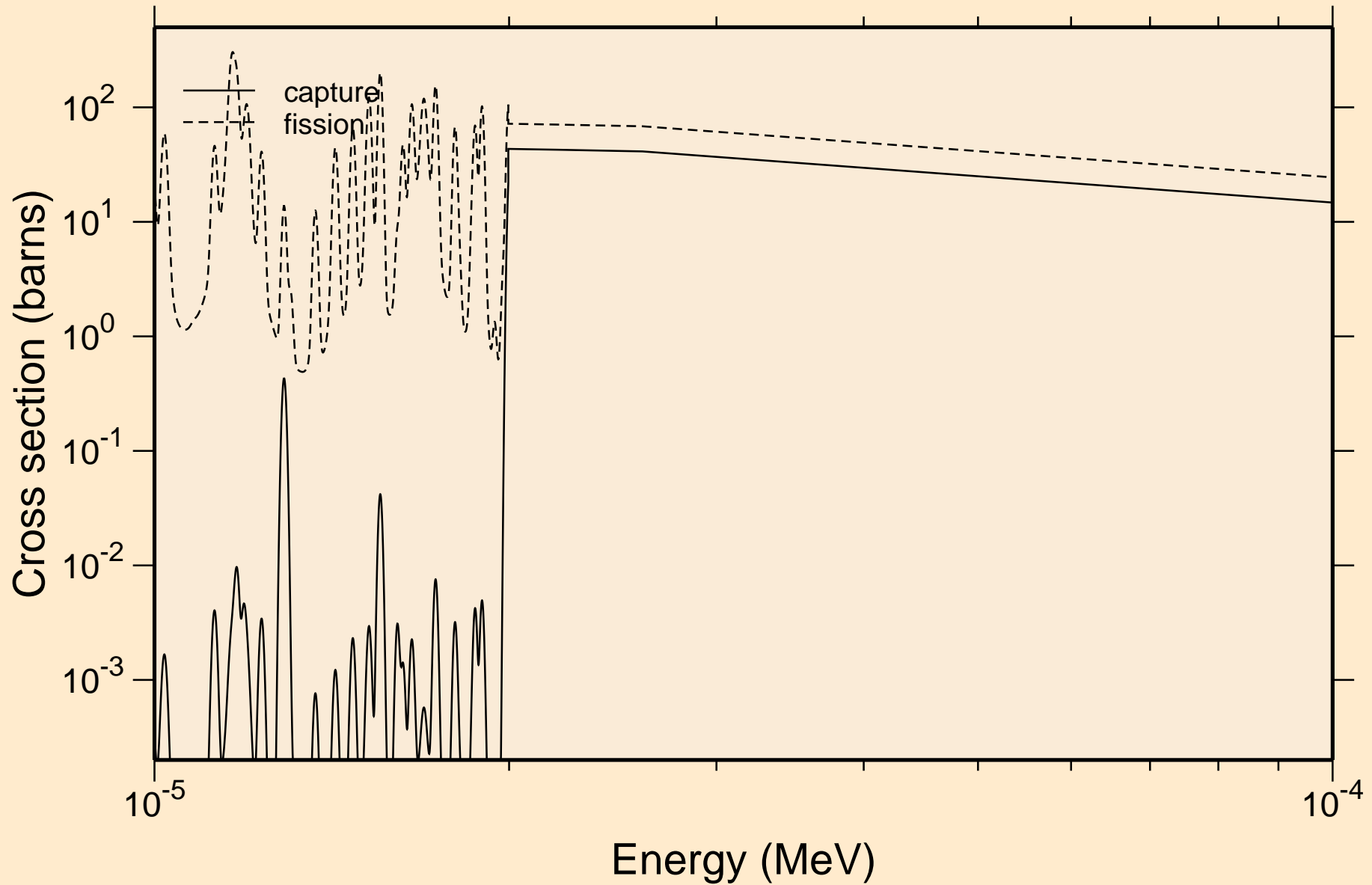




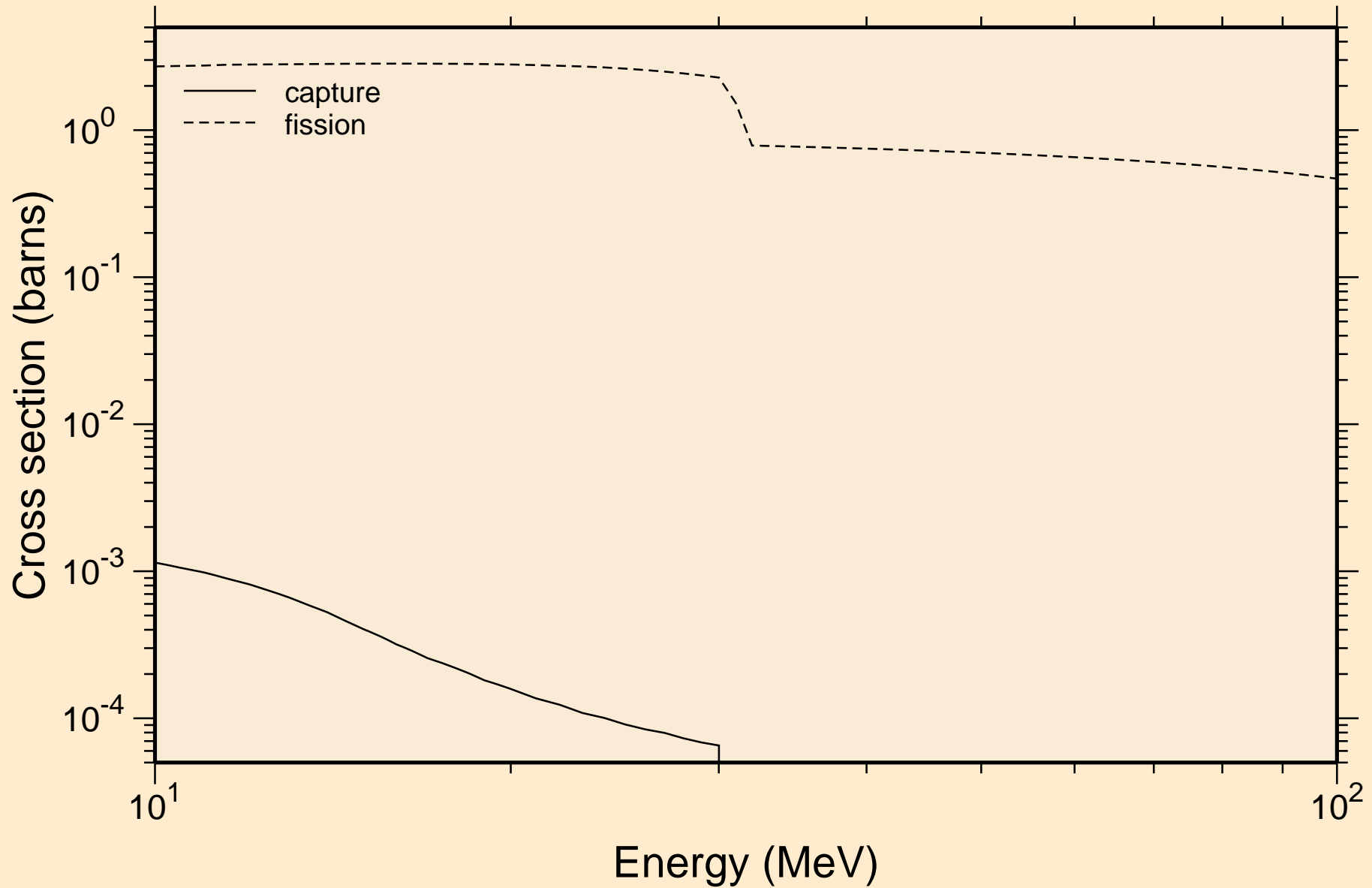
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



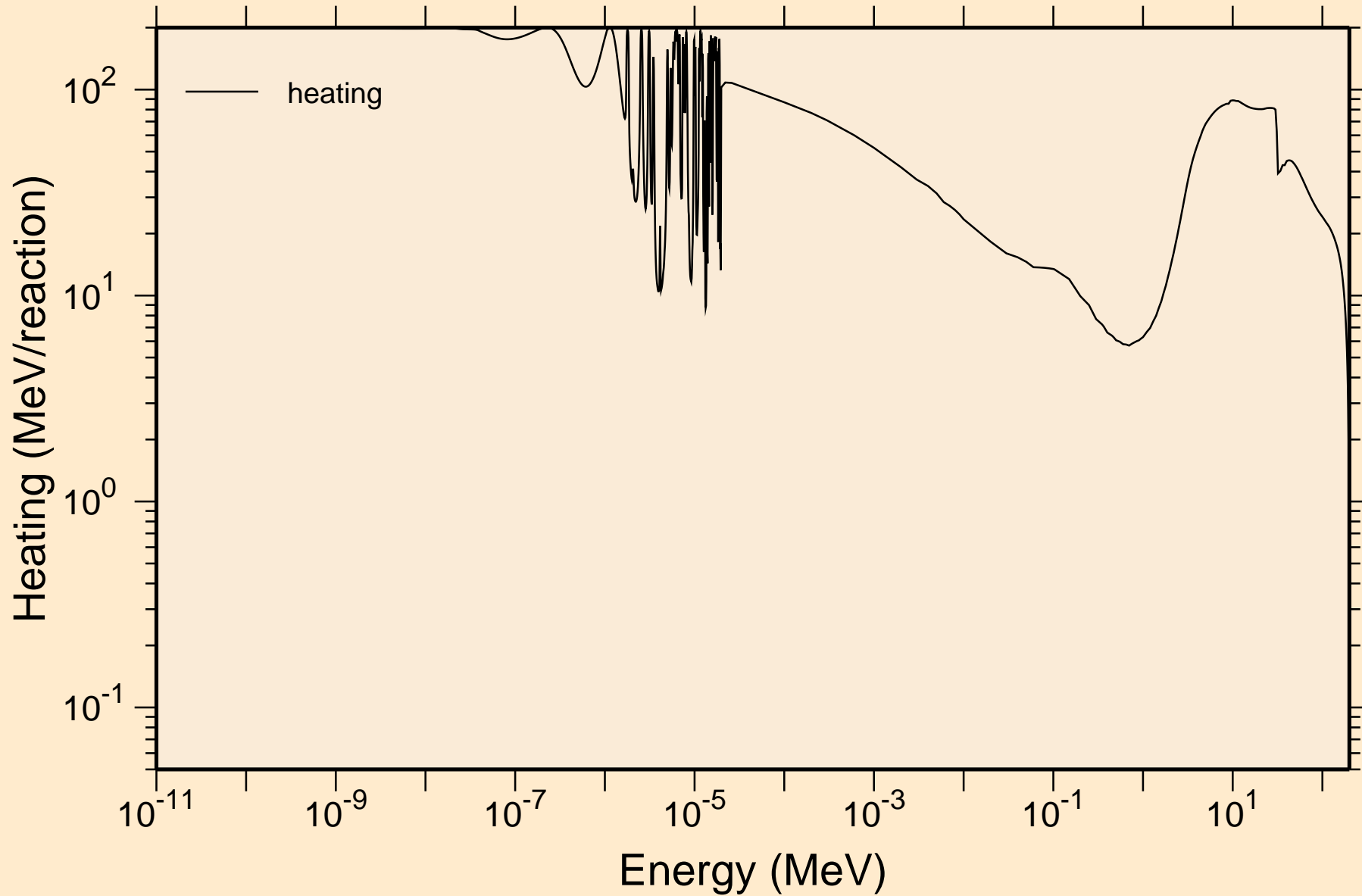
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

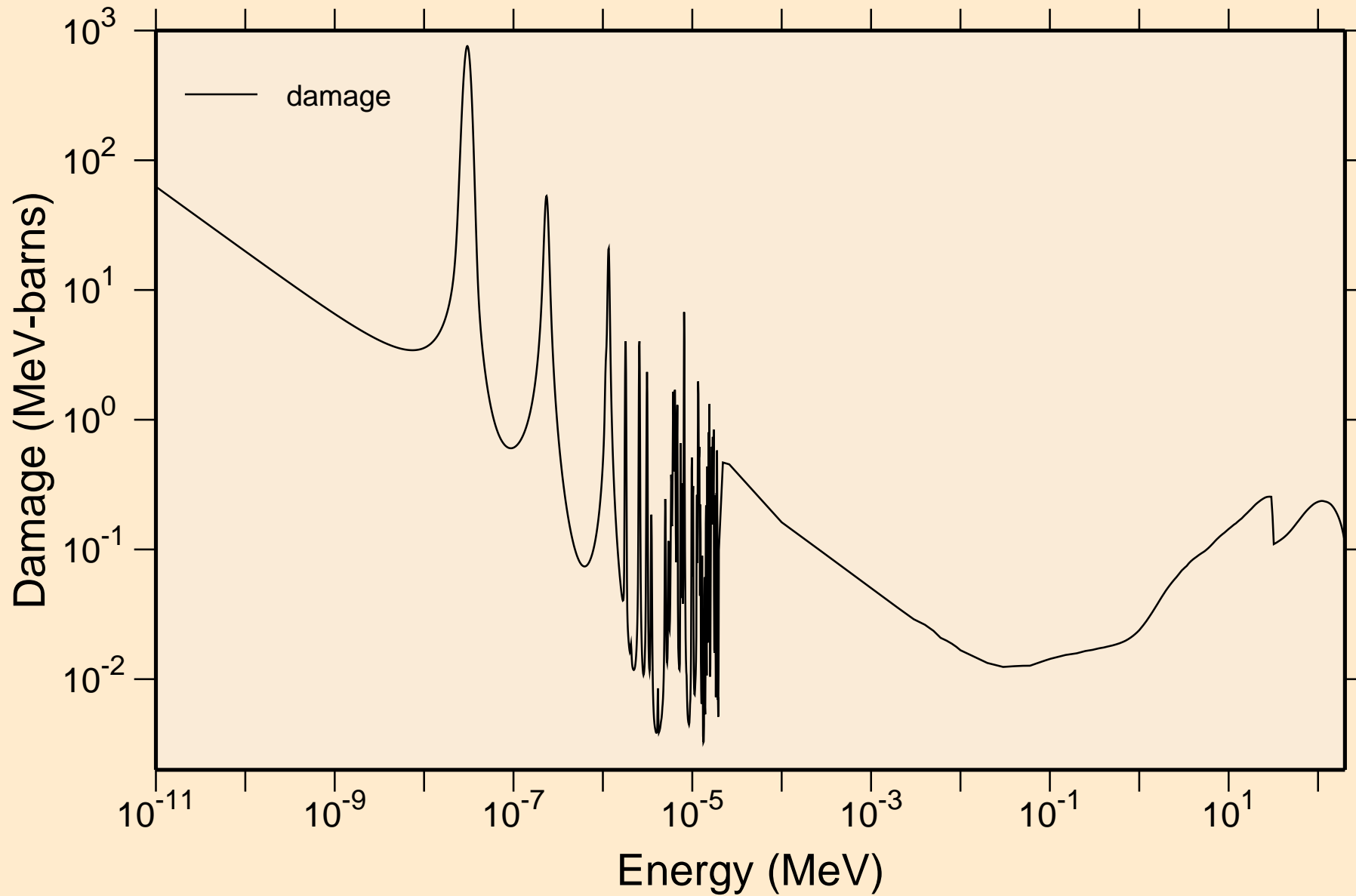


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



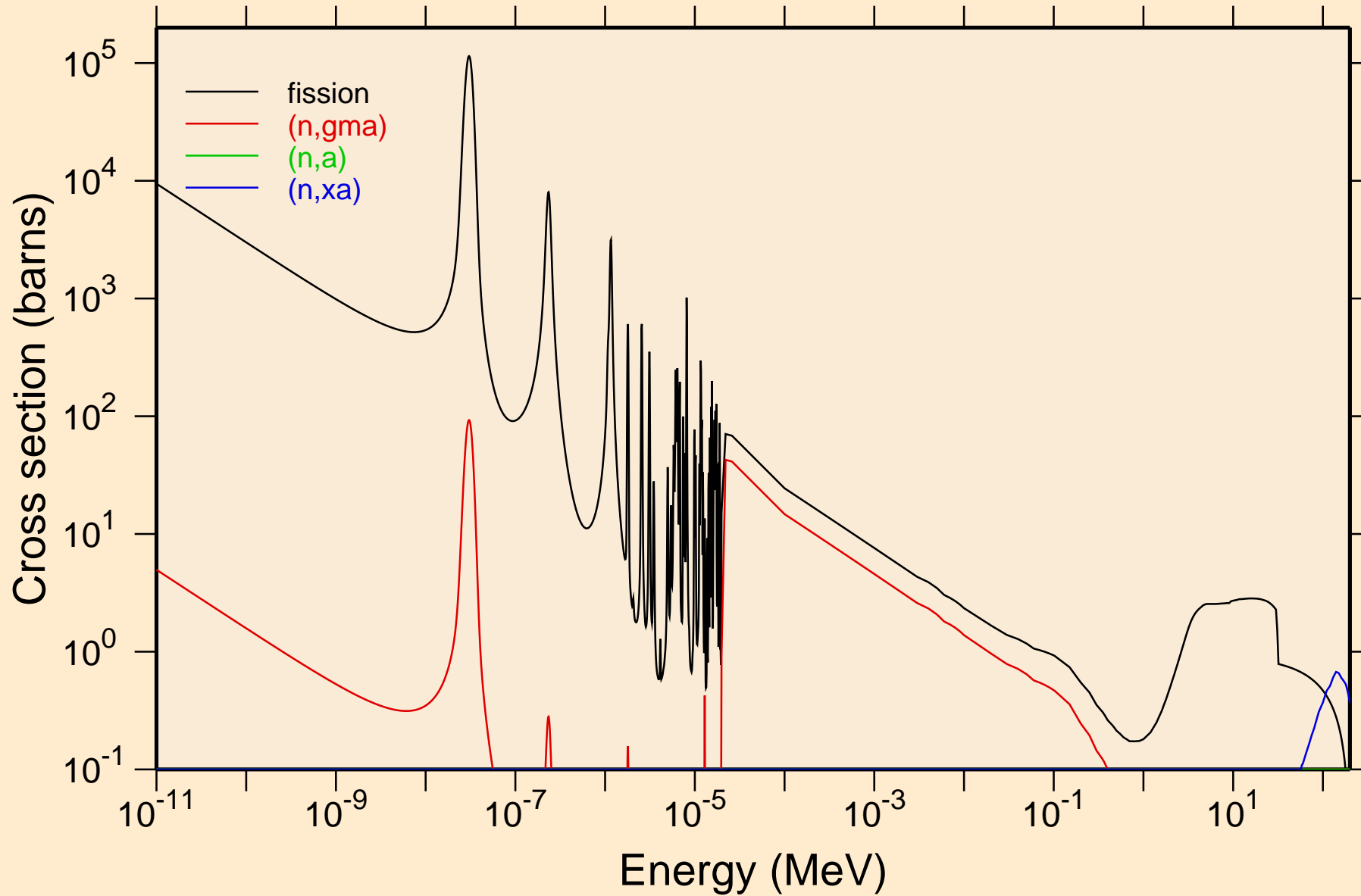
# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

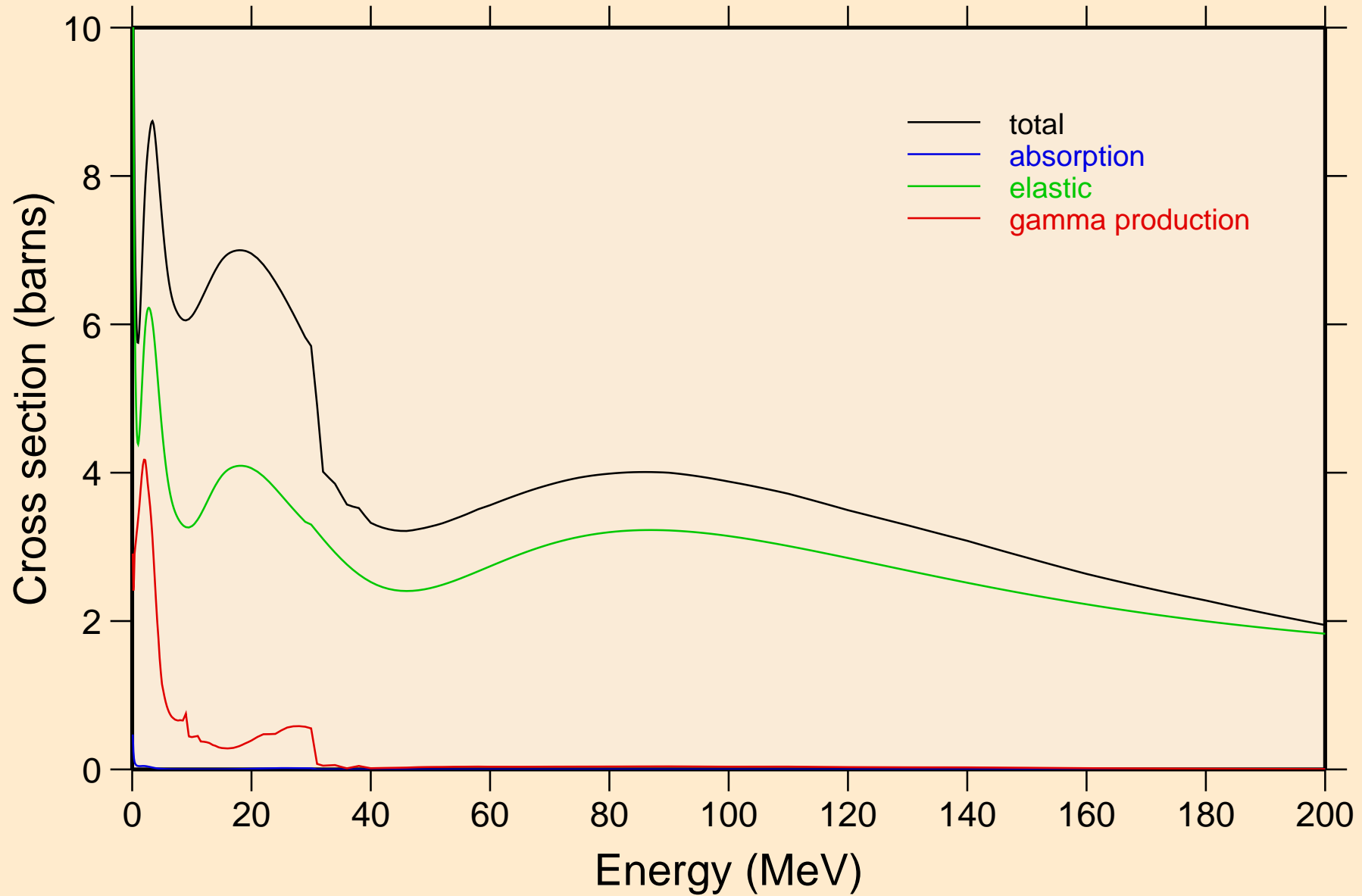


# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

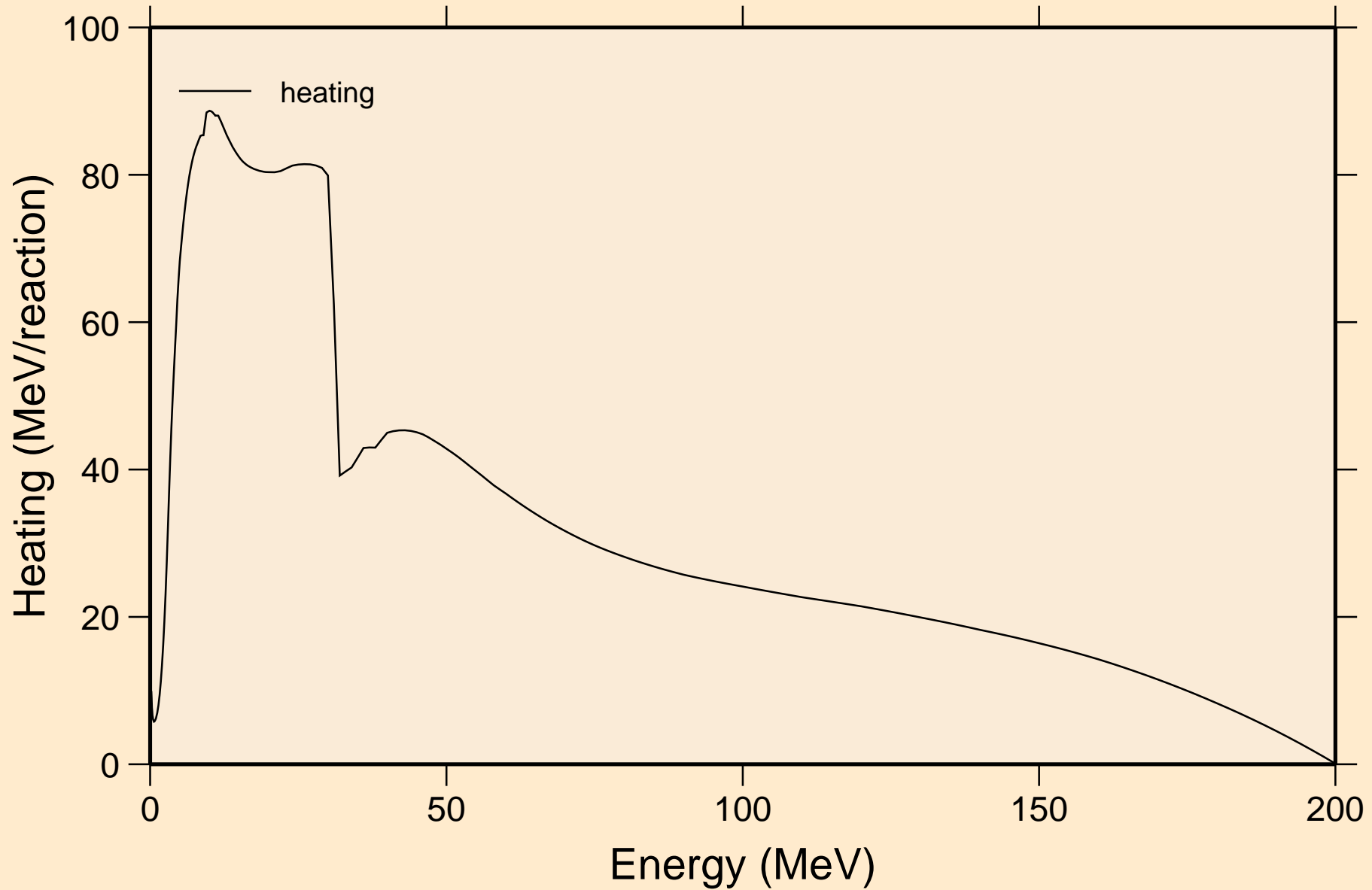
## Non-threshold reactions



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

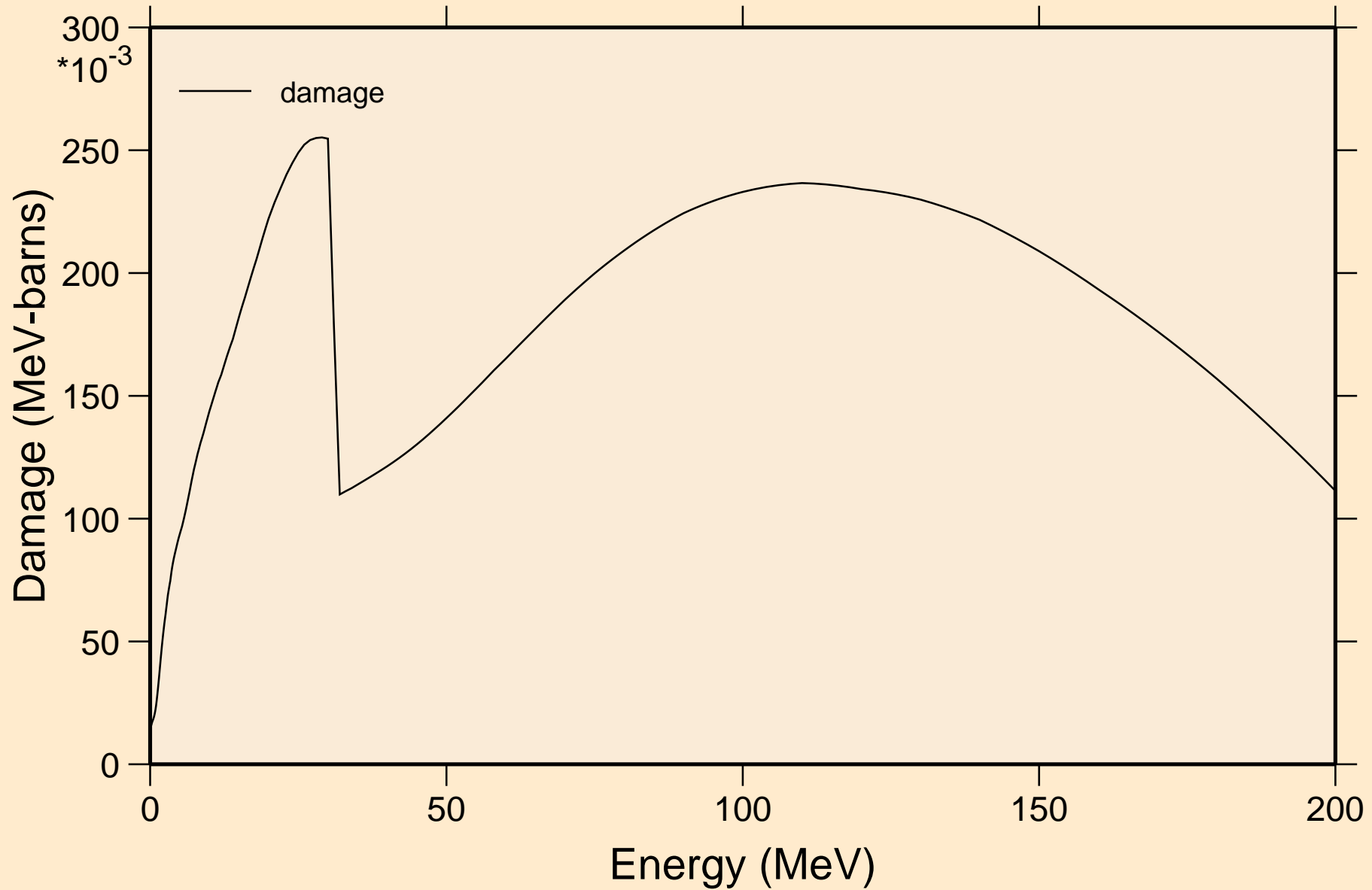


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

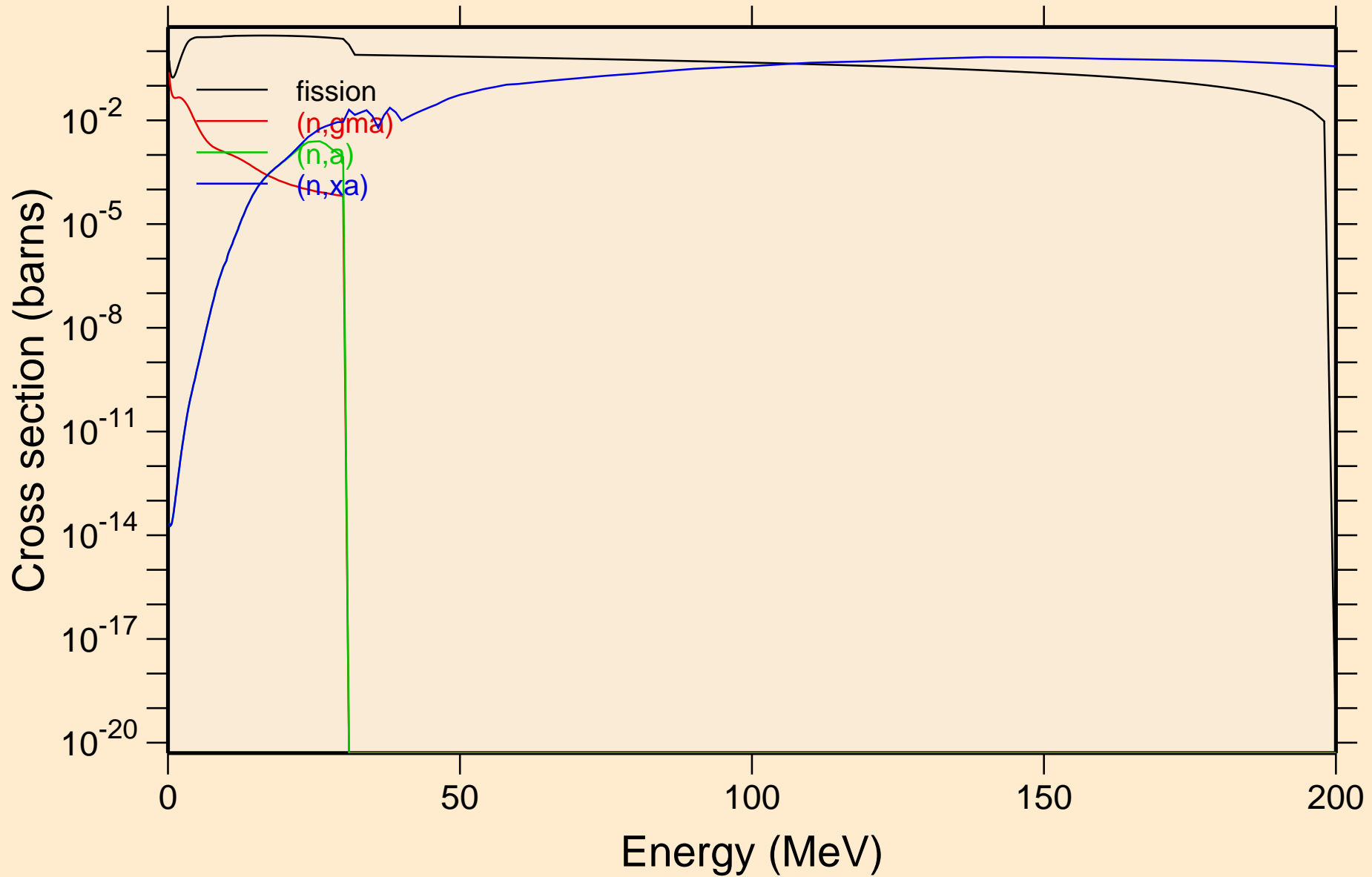




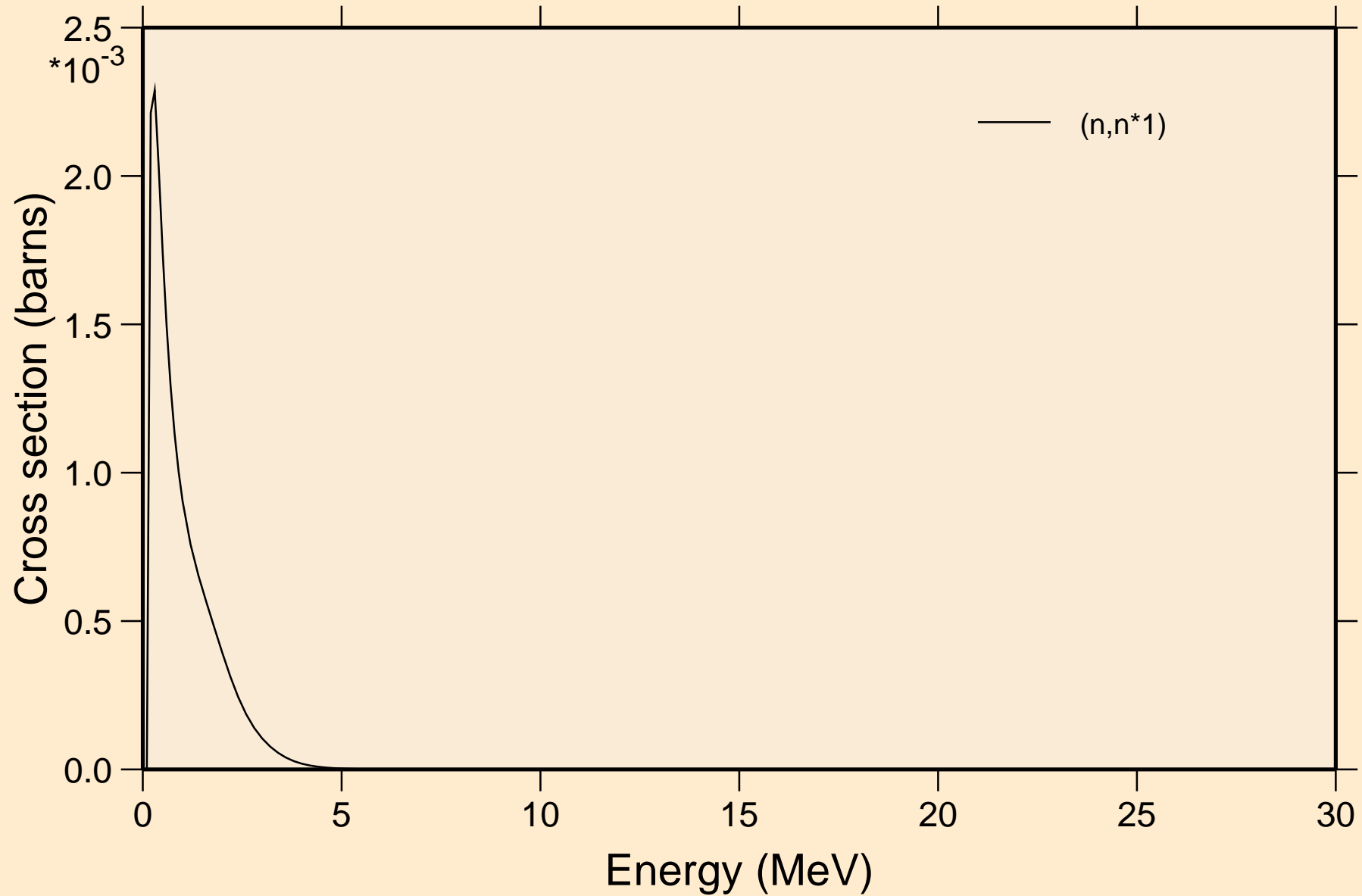
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

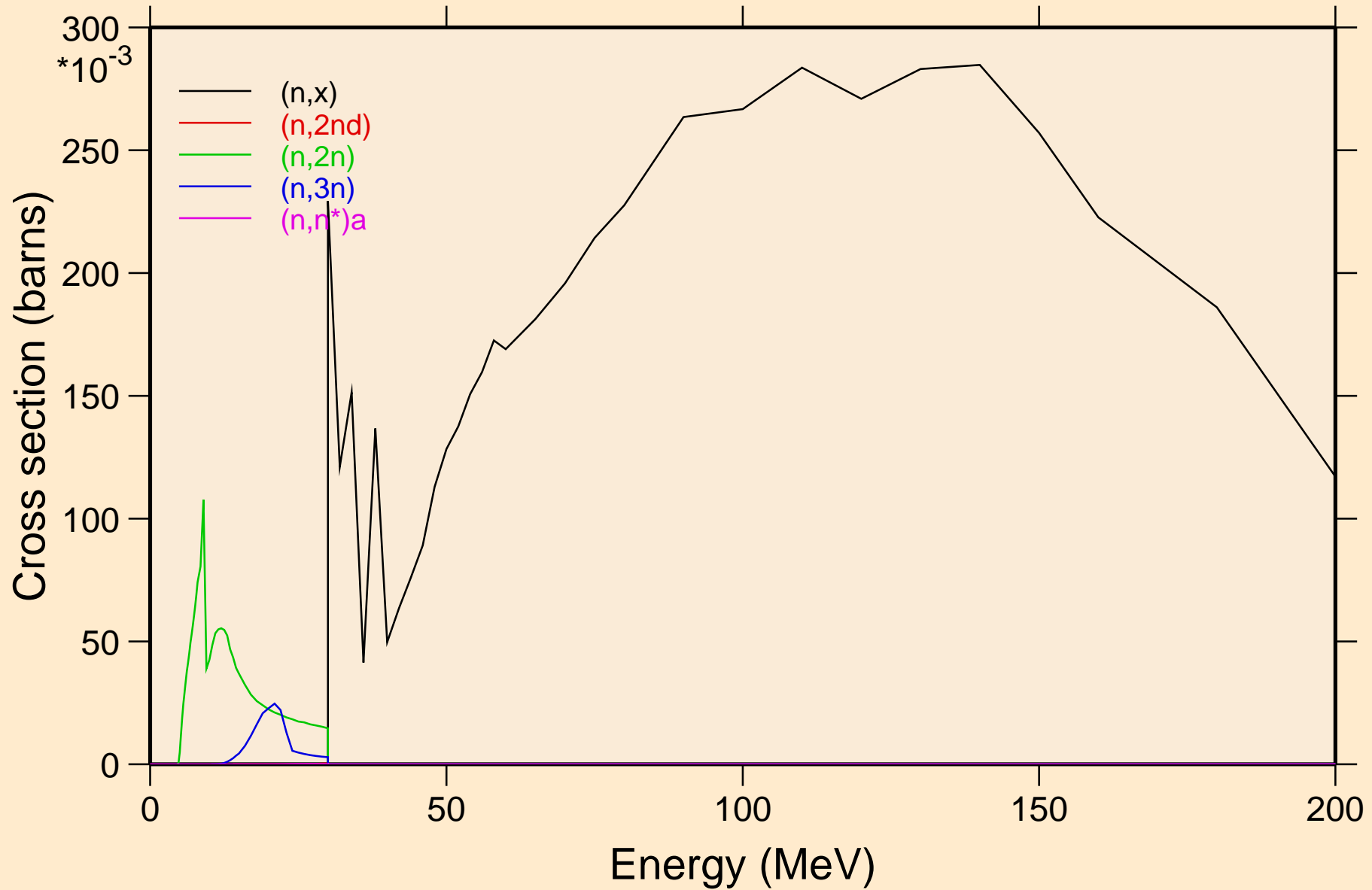


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

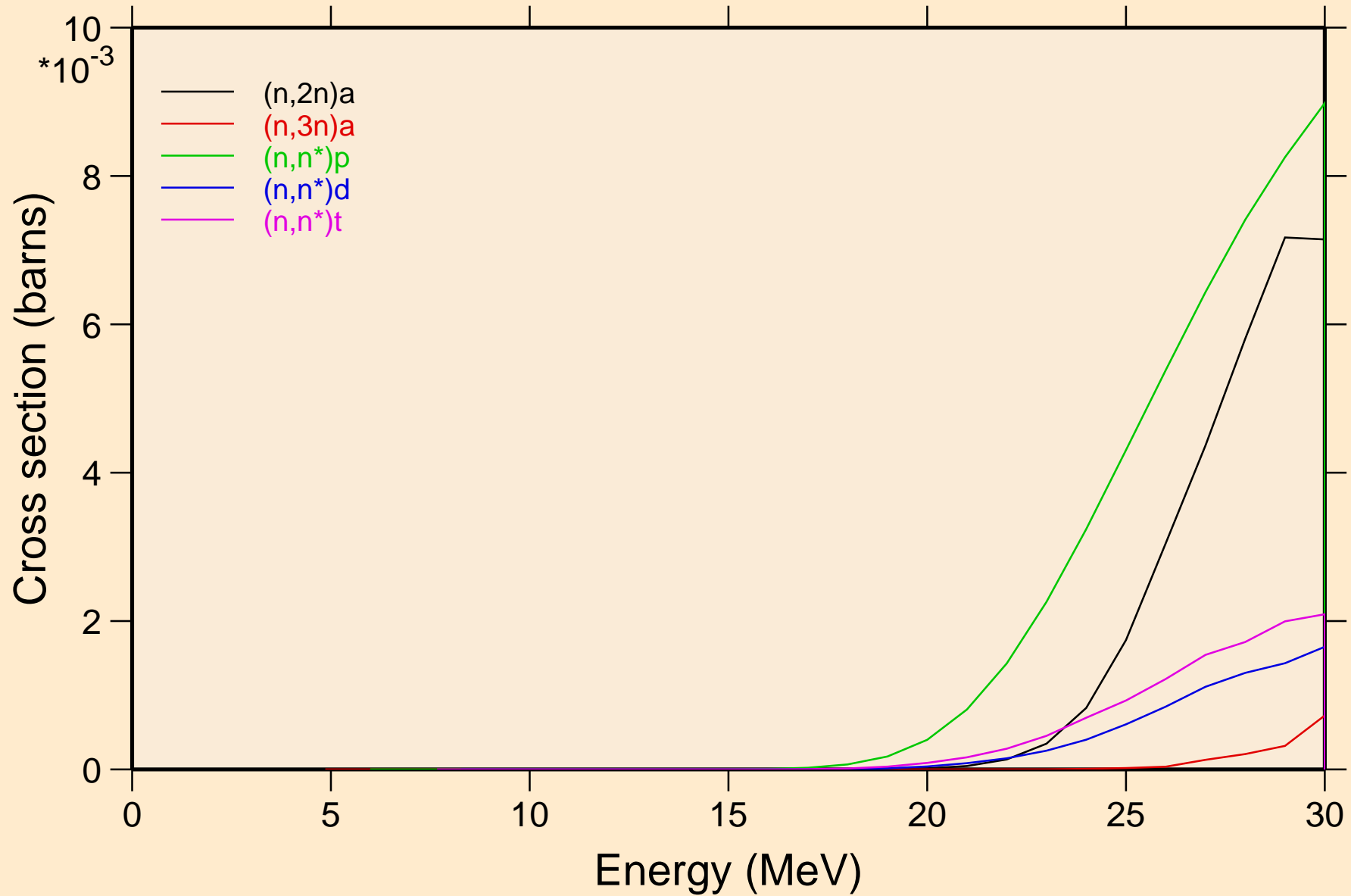


# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

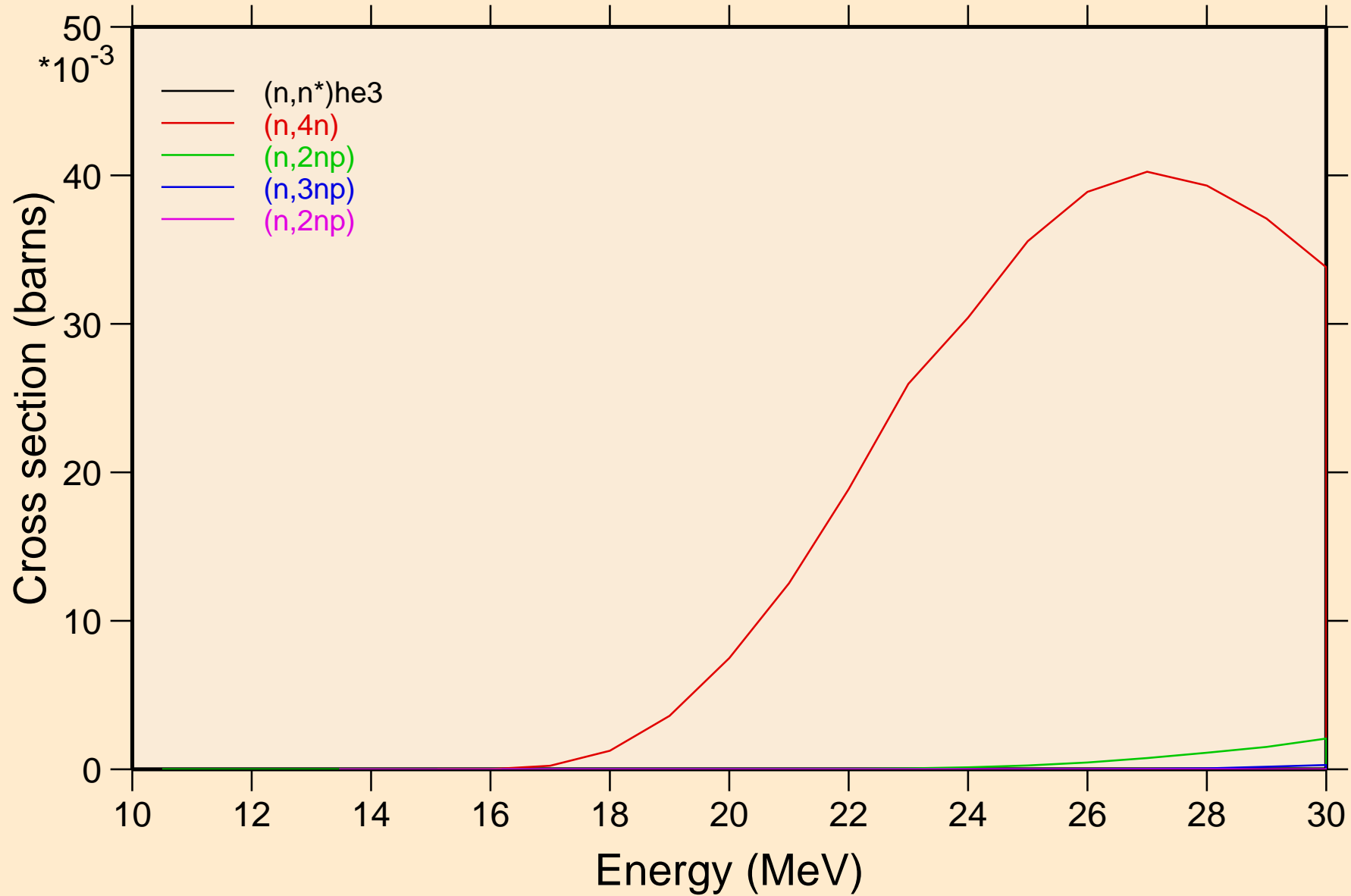
## Threshold reactions



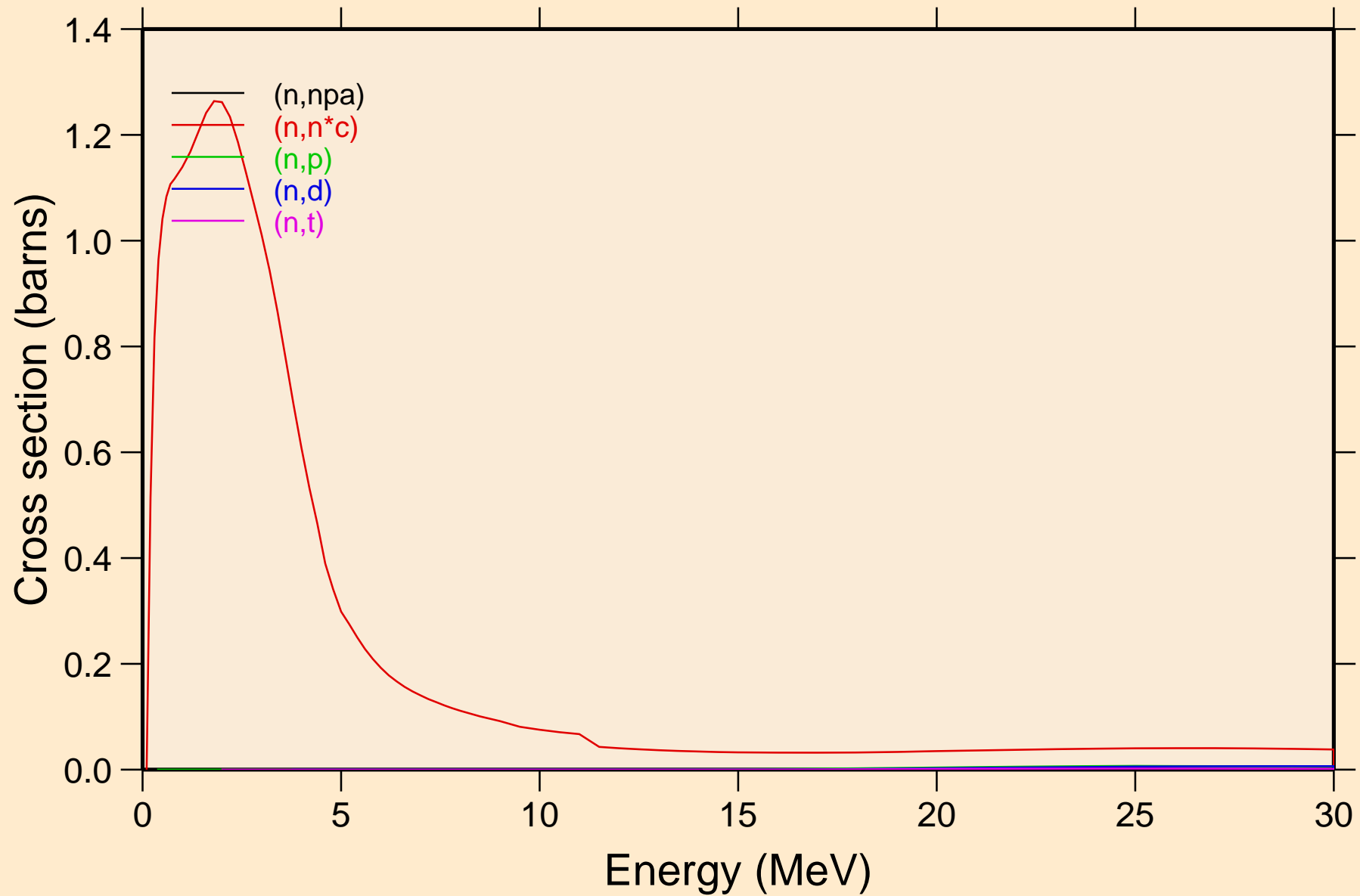
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



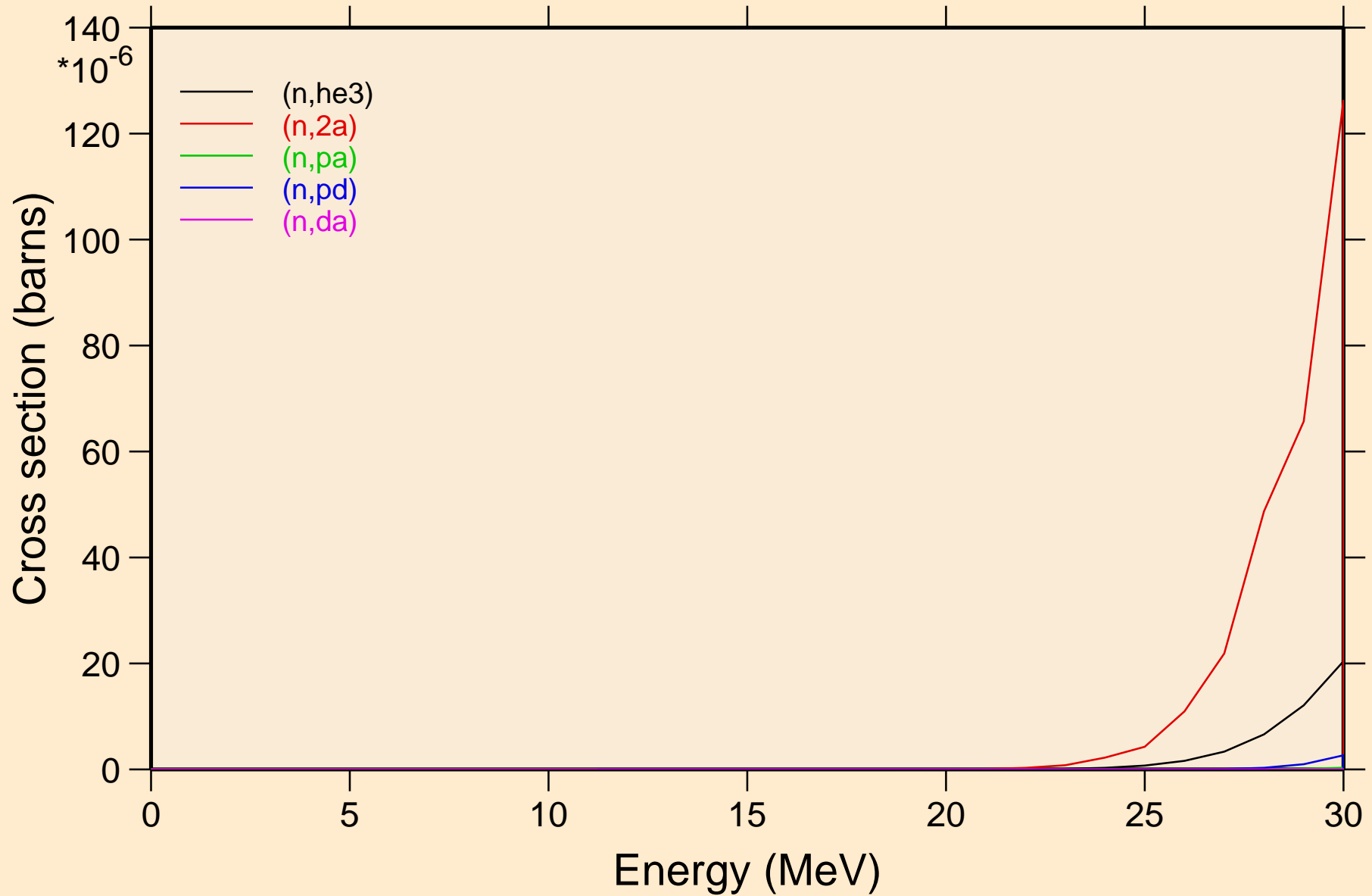
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

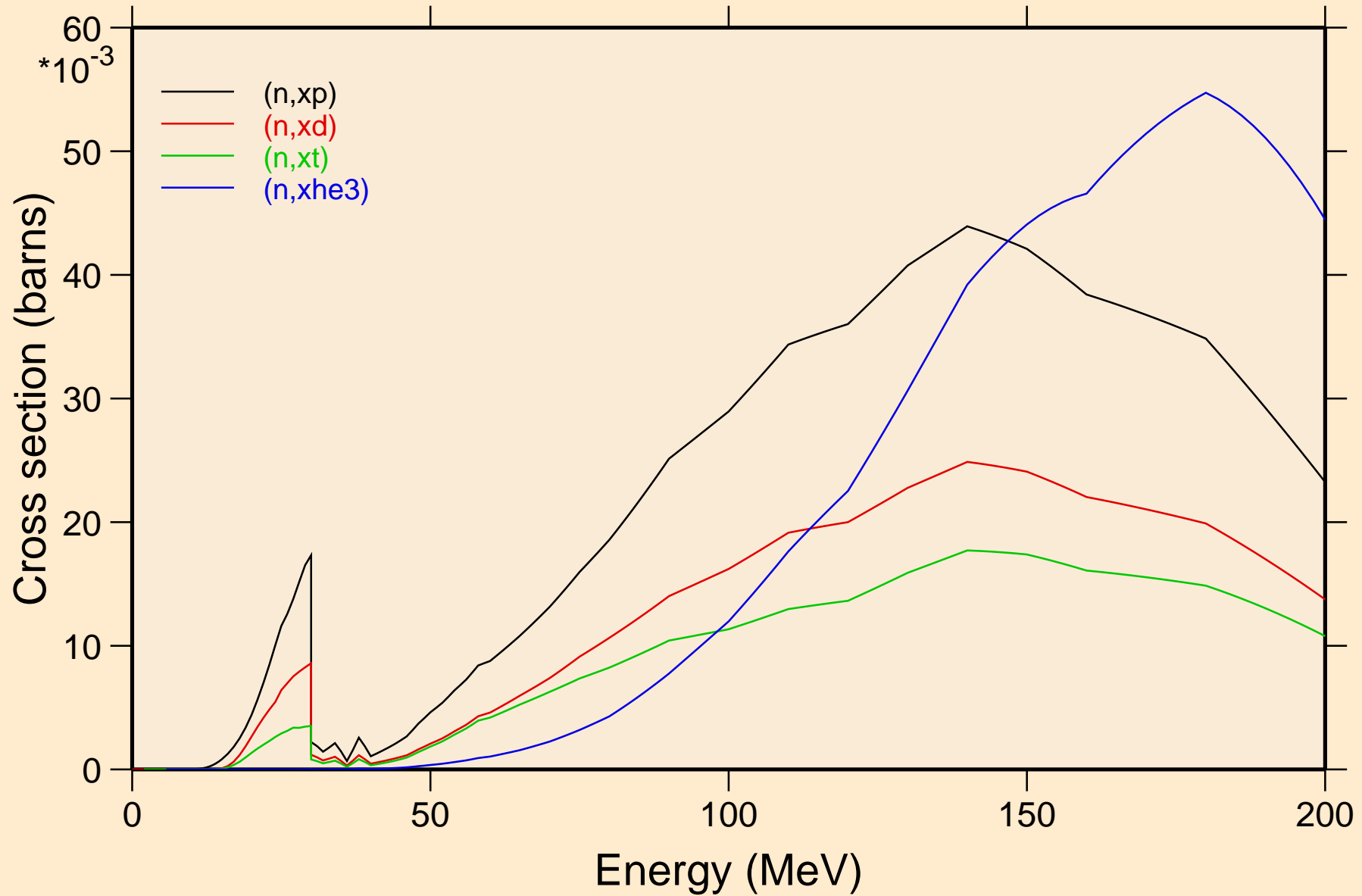


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

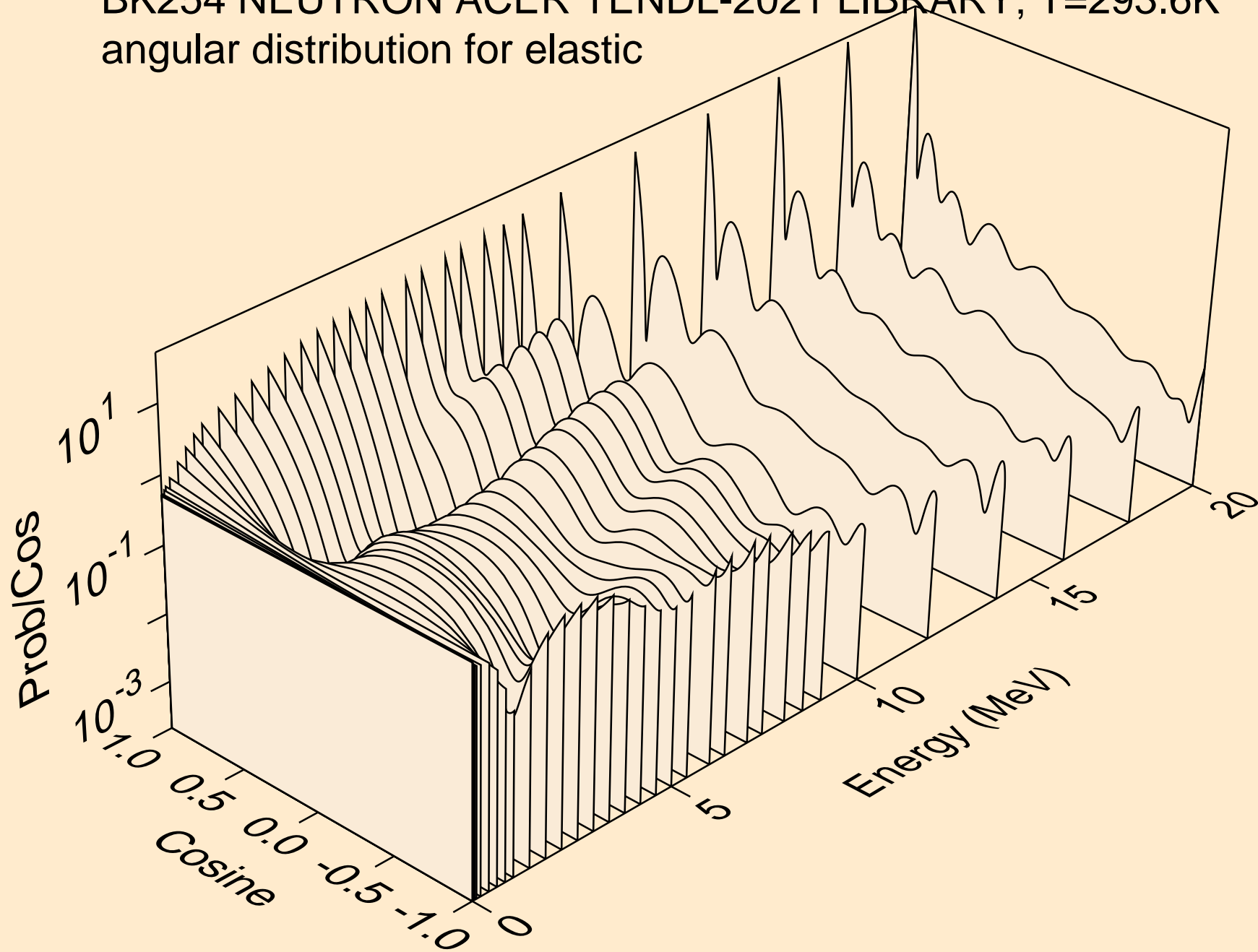




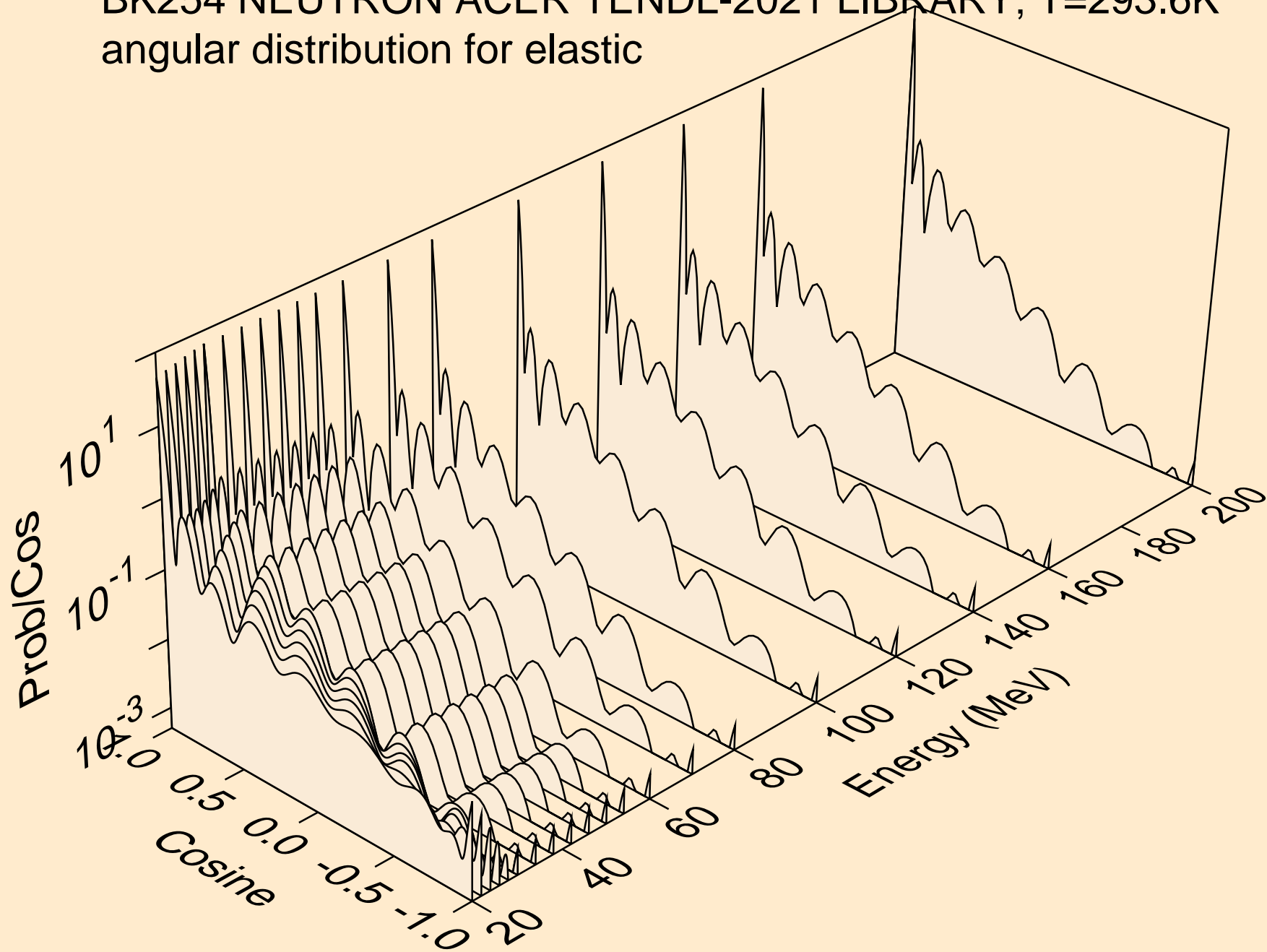
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



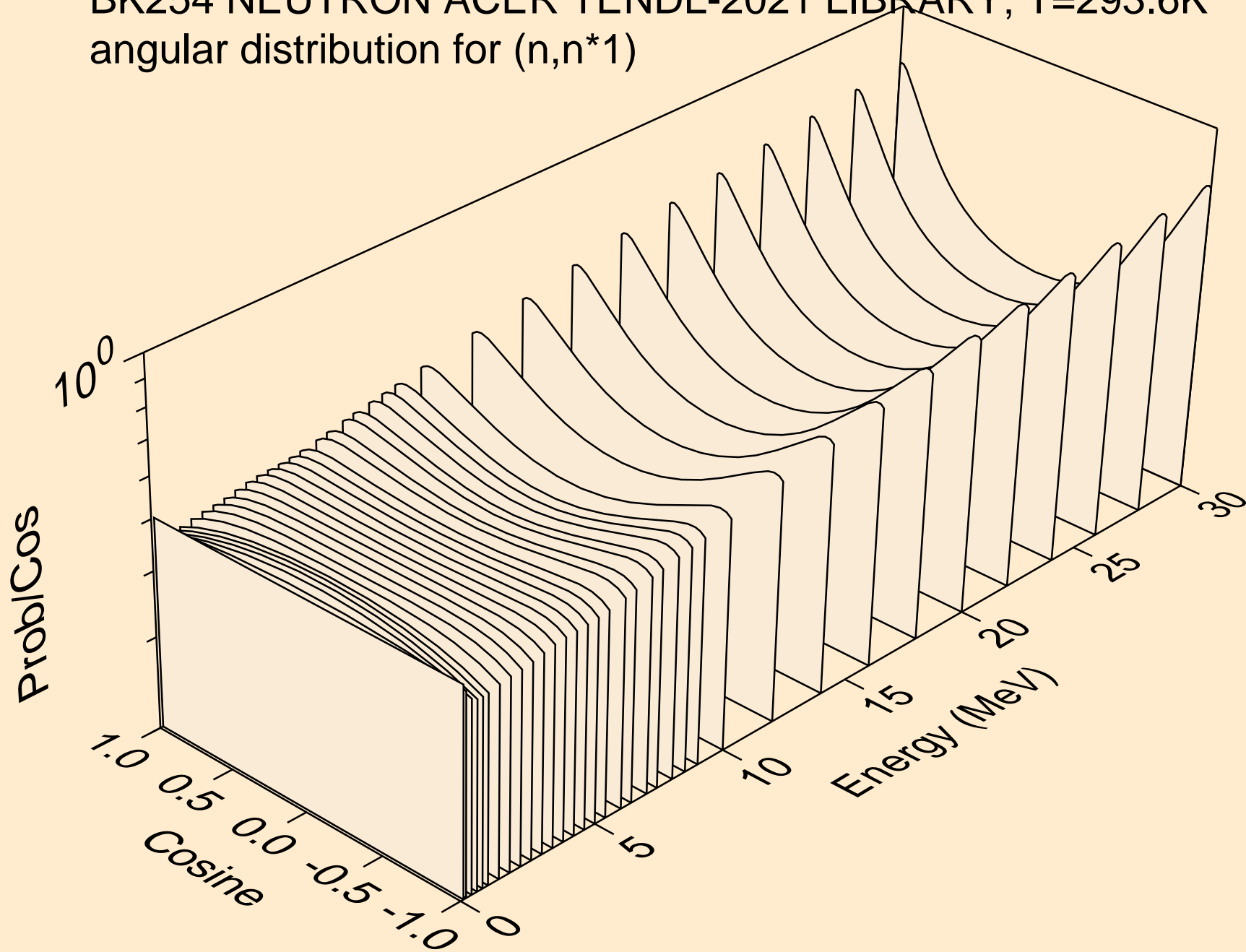
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



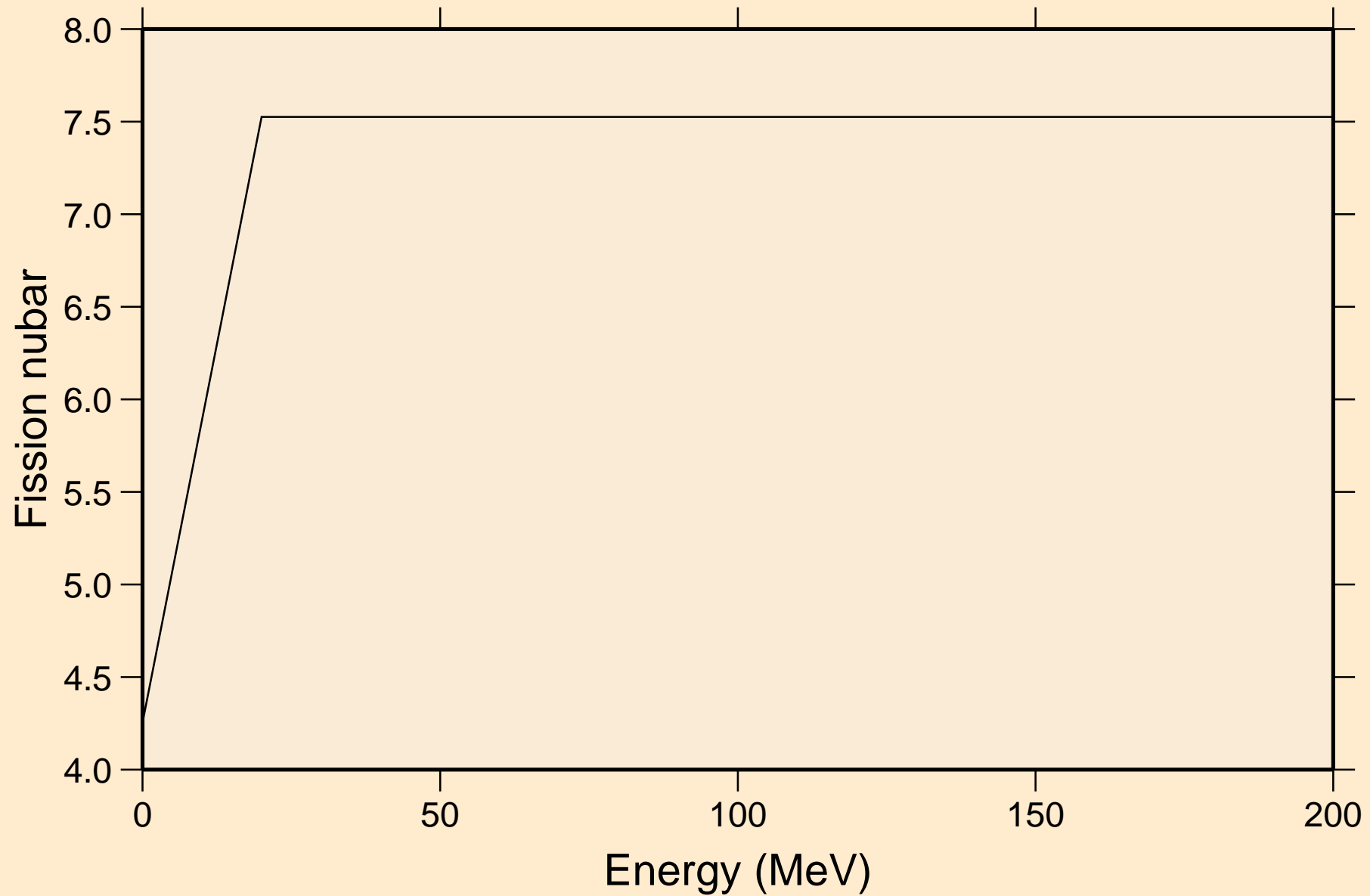
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



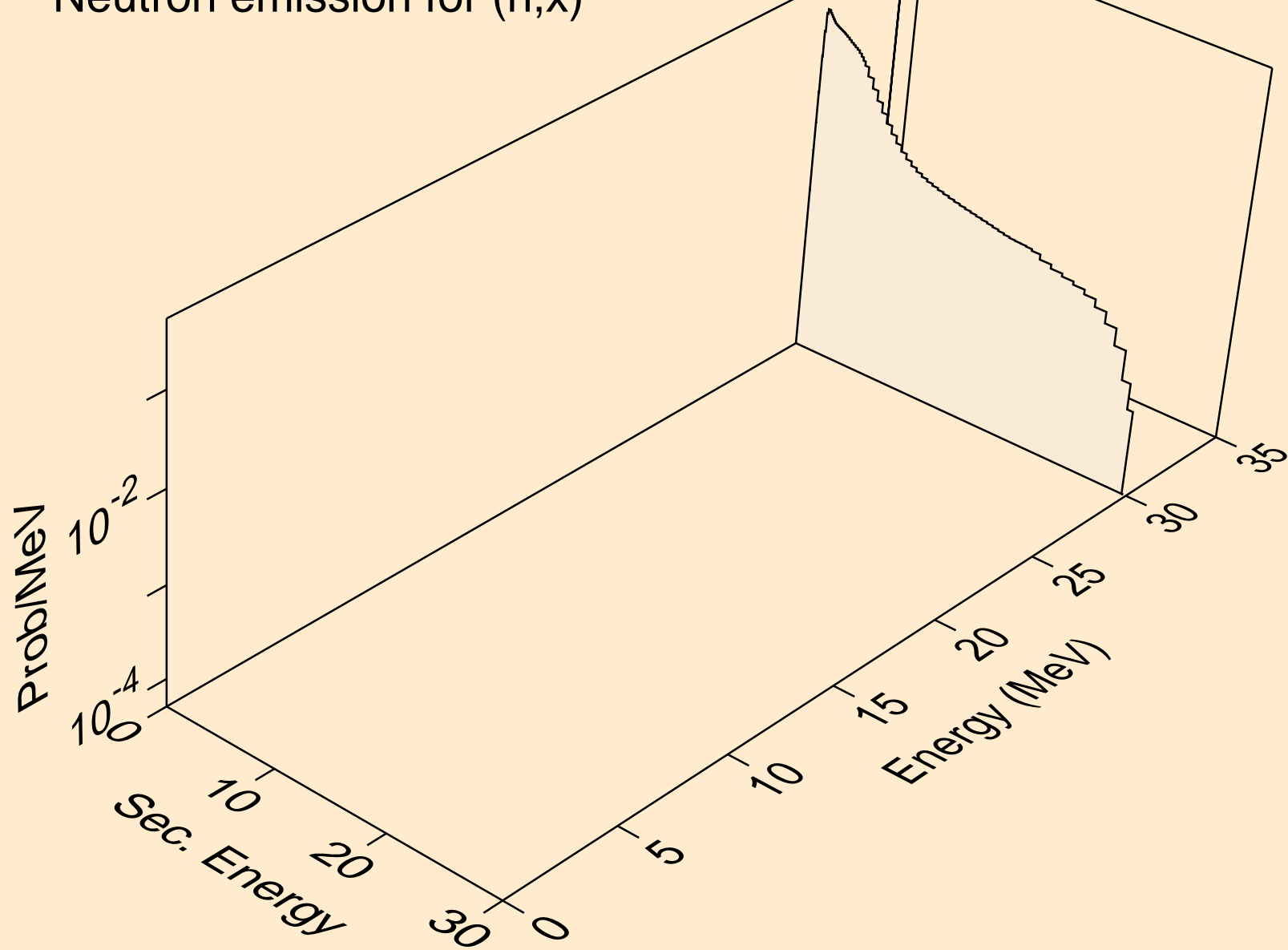
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



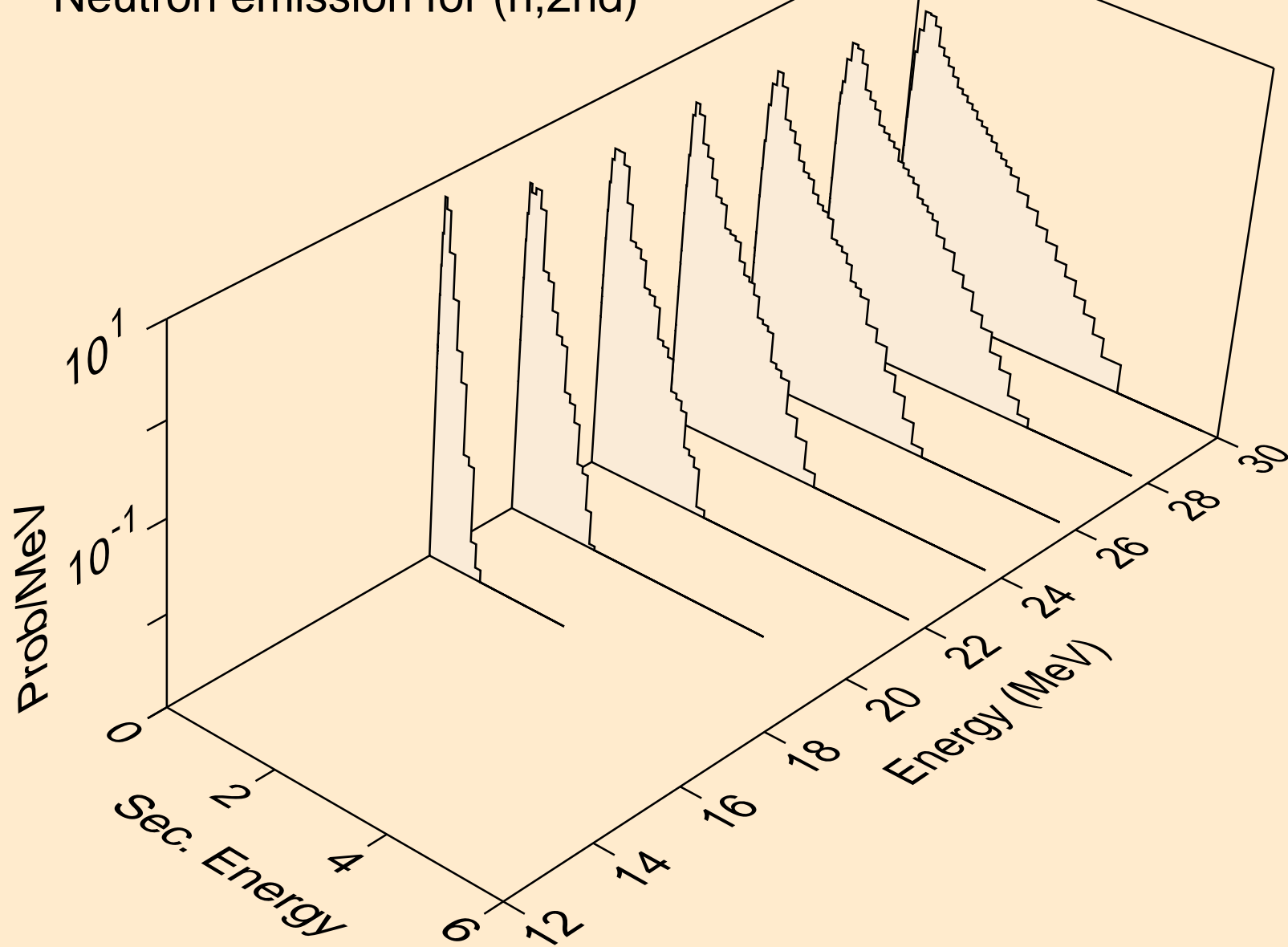
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



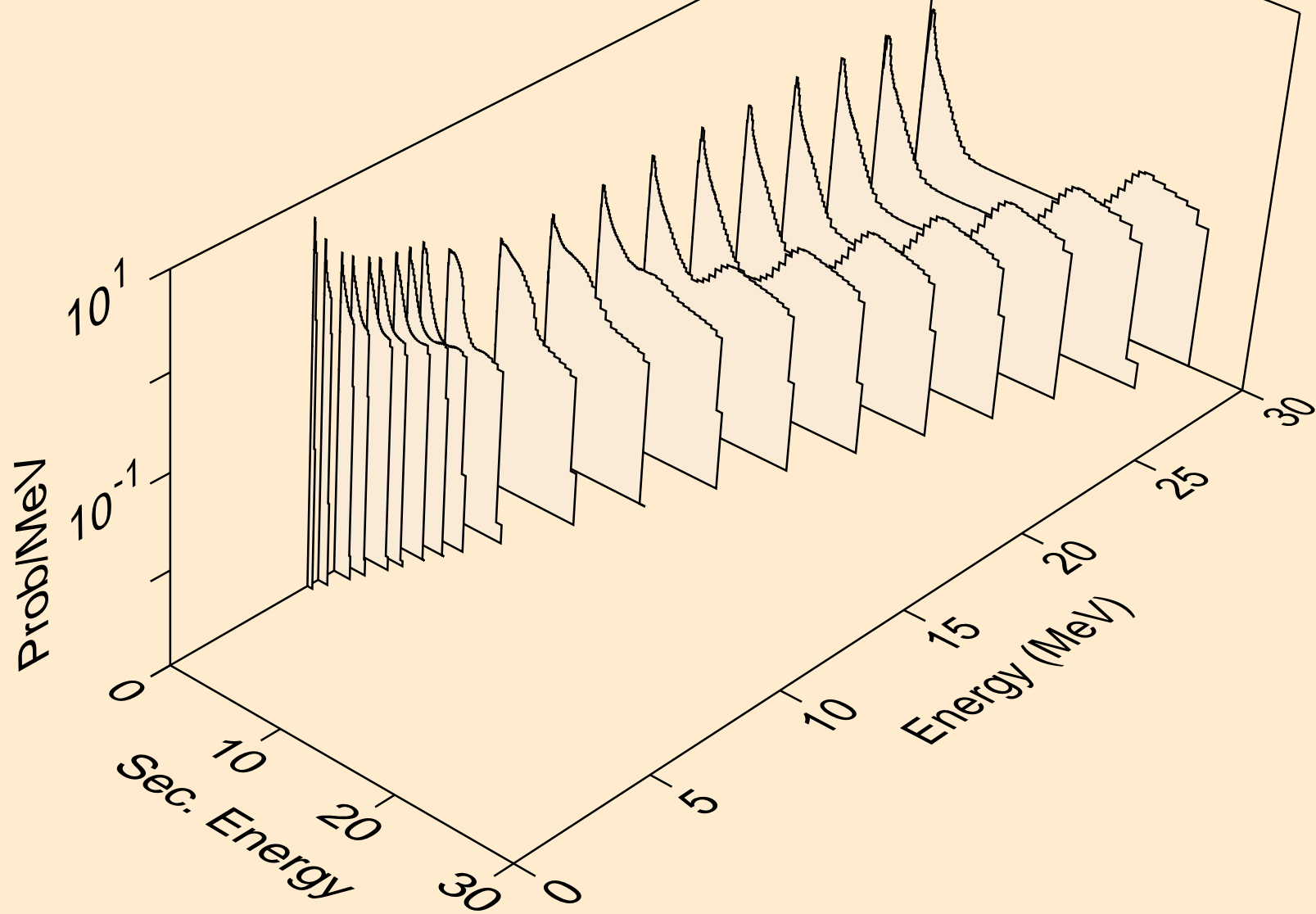
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

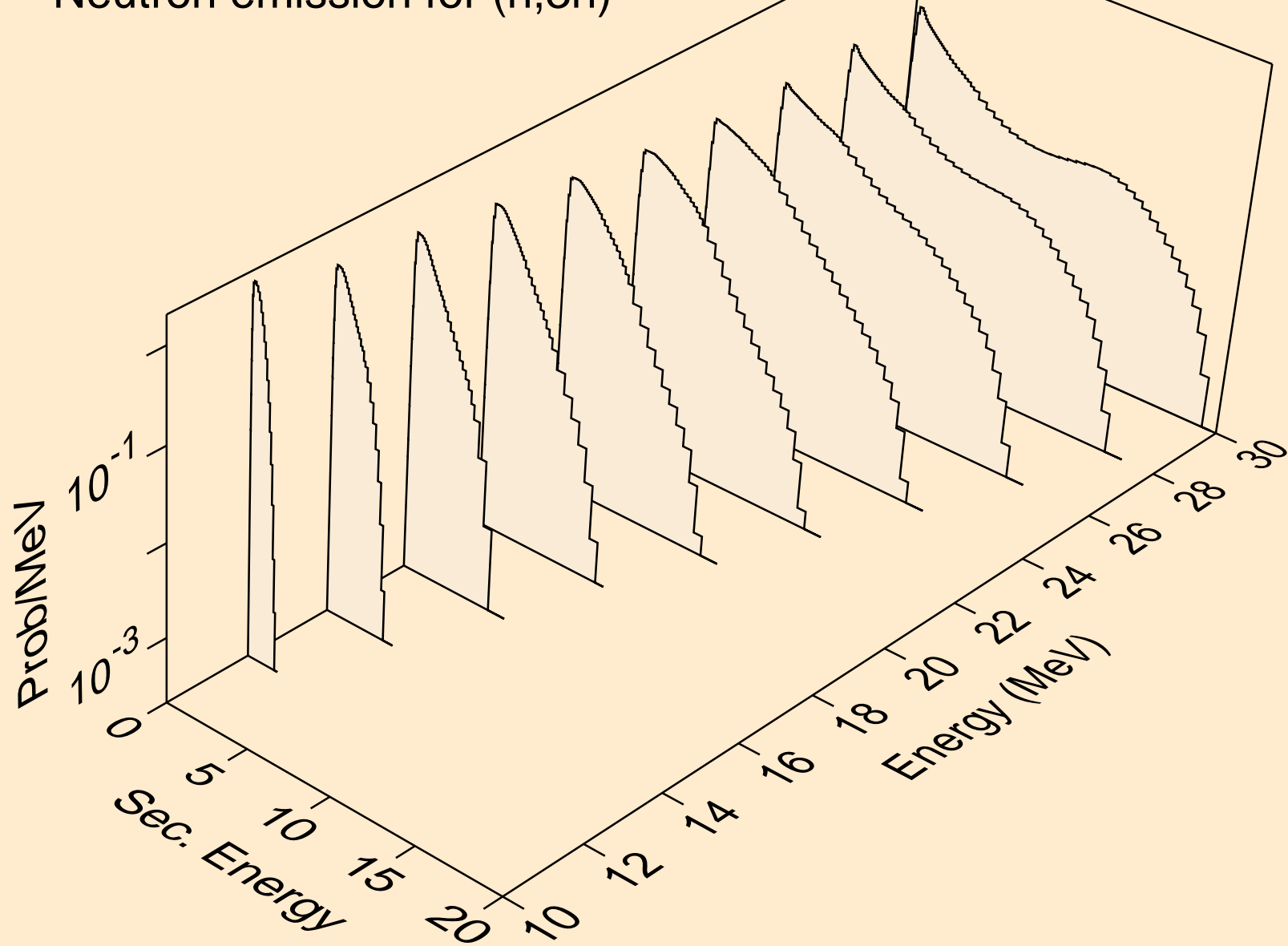


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

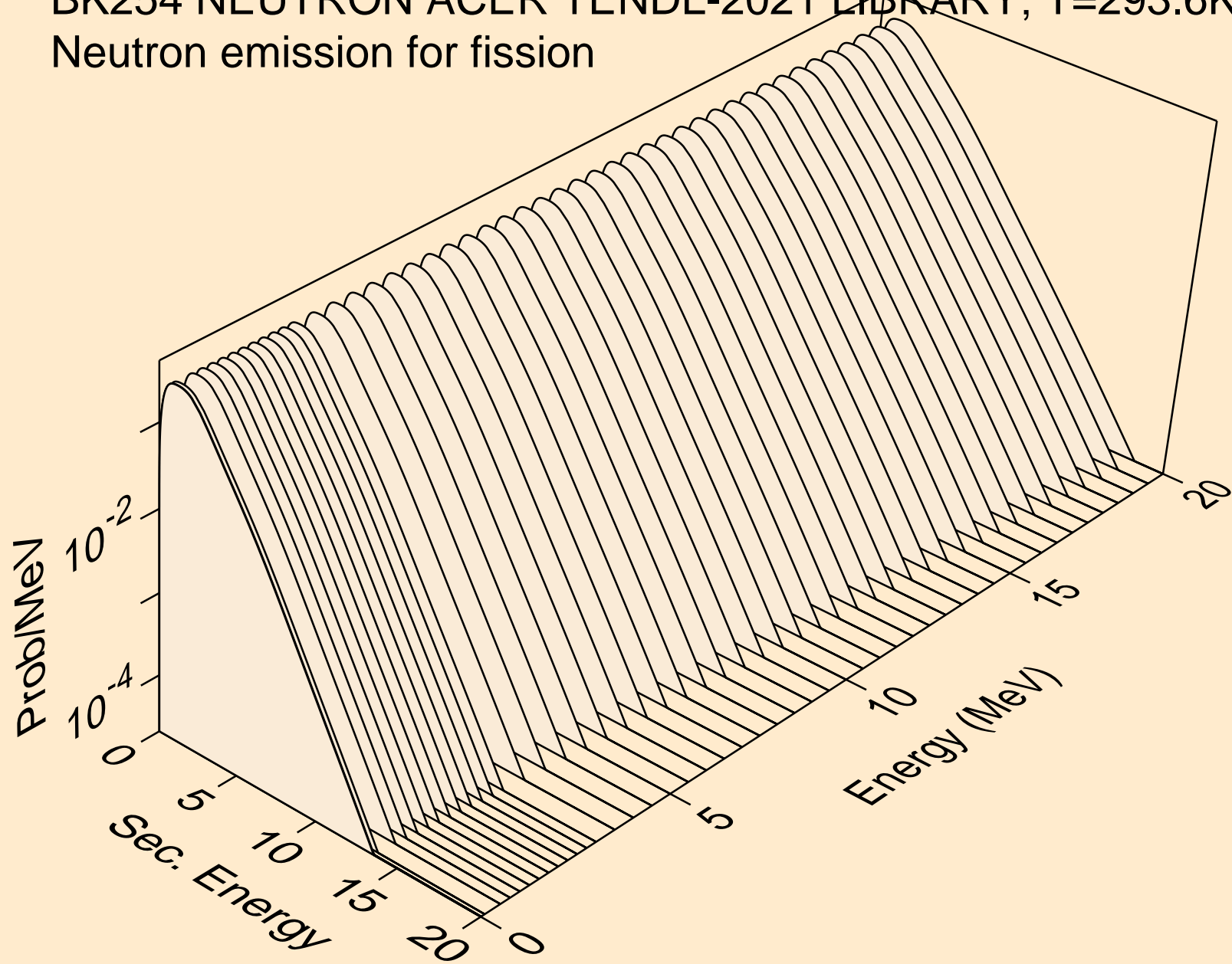




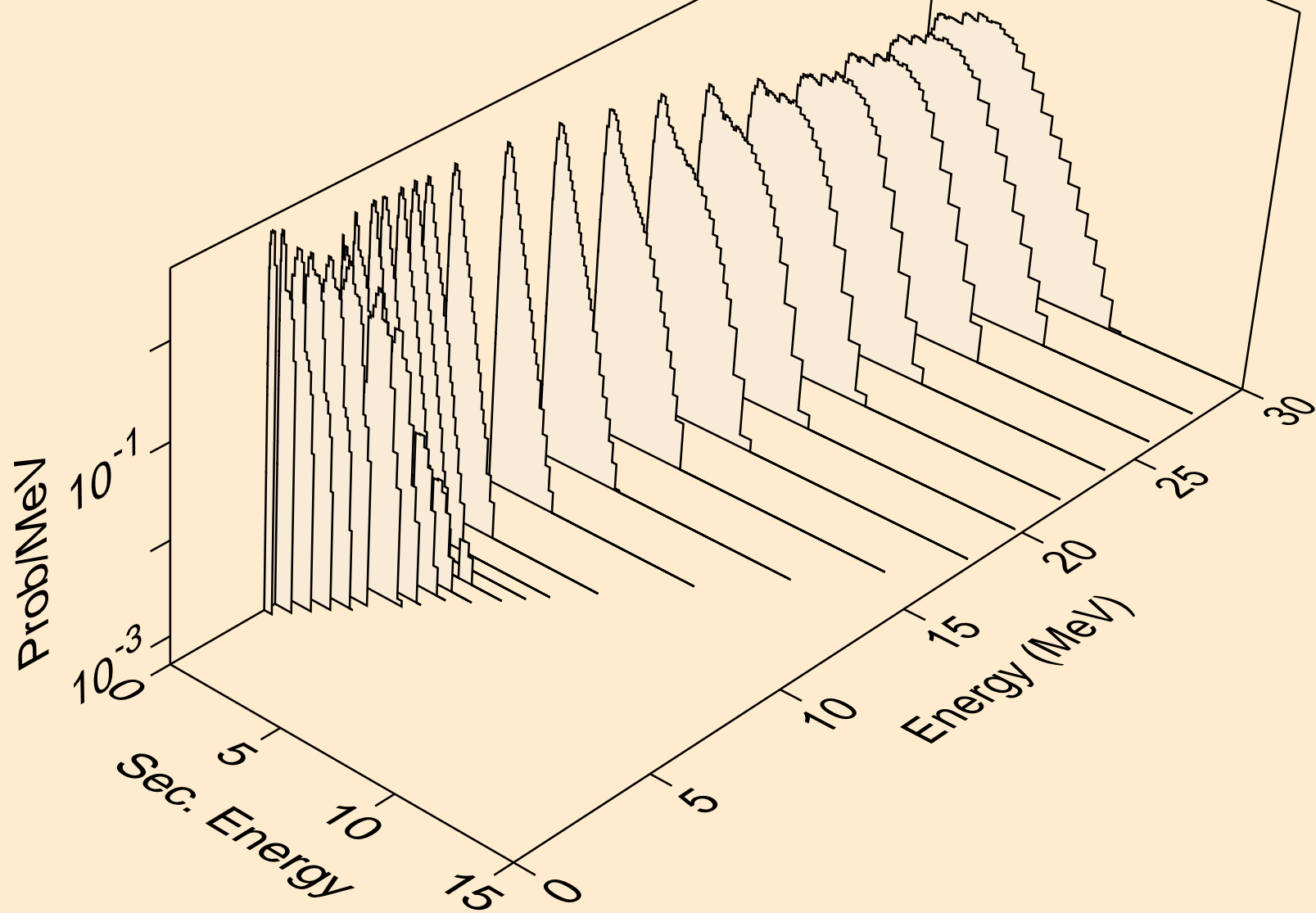
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



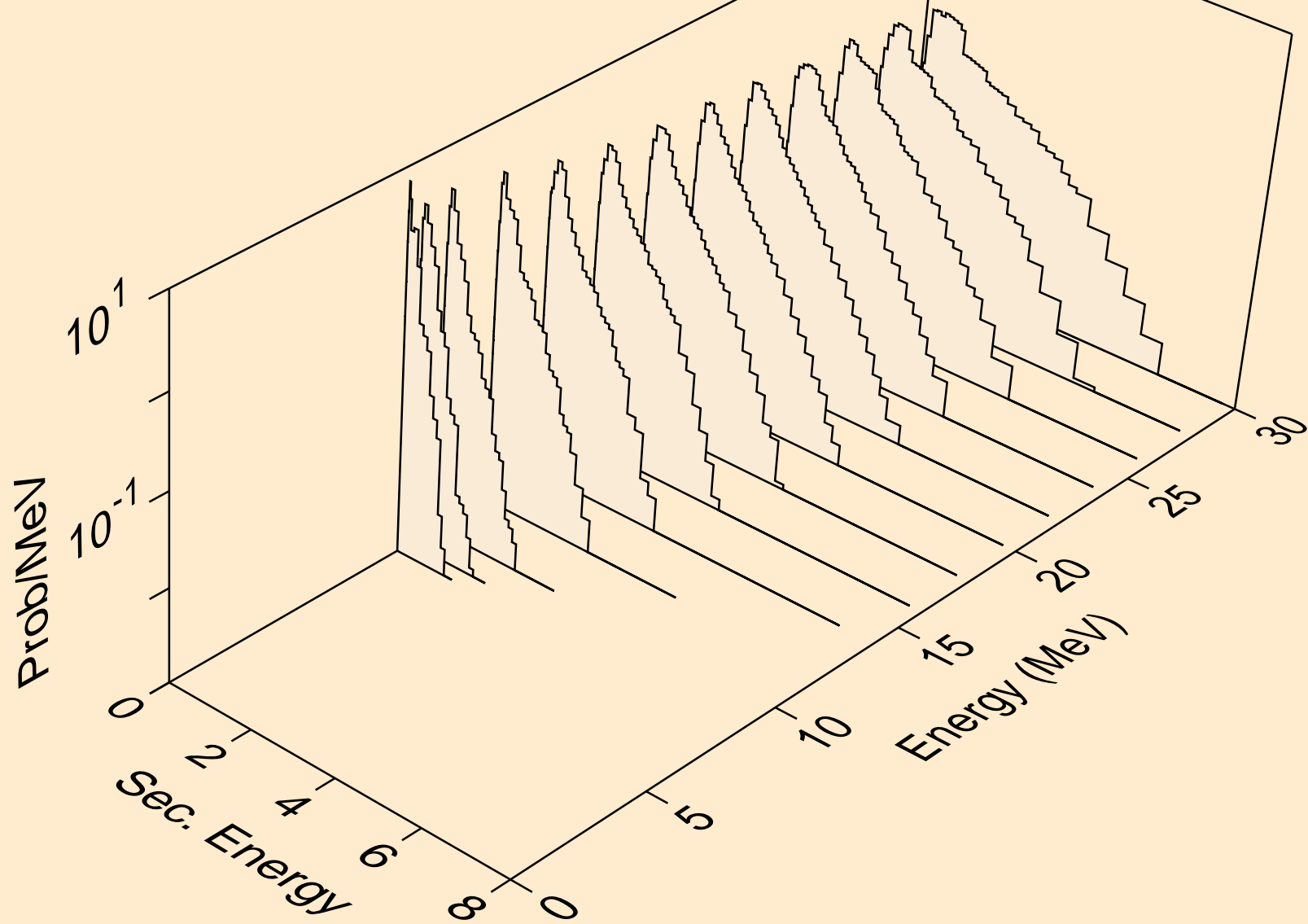
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



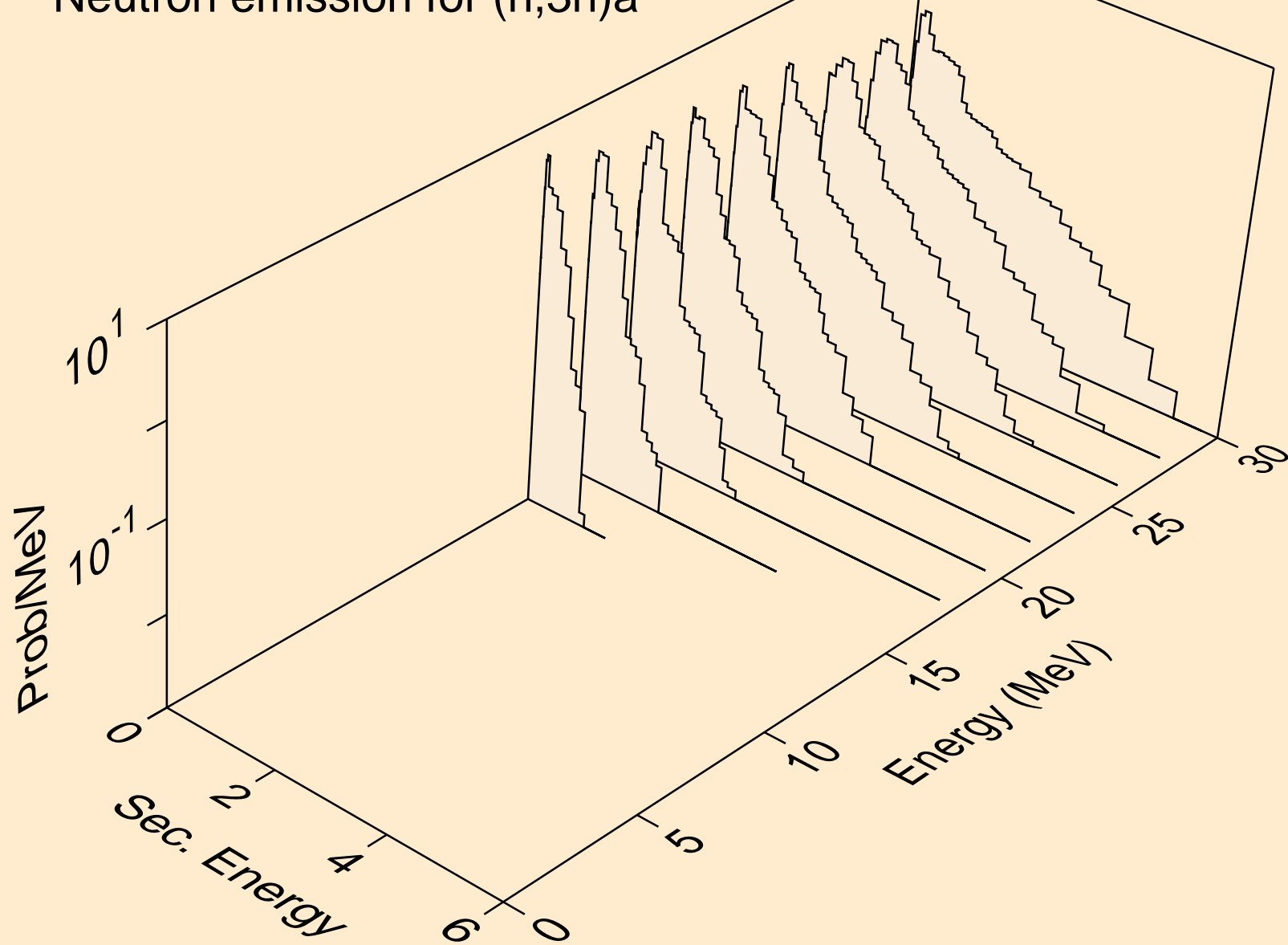
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



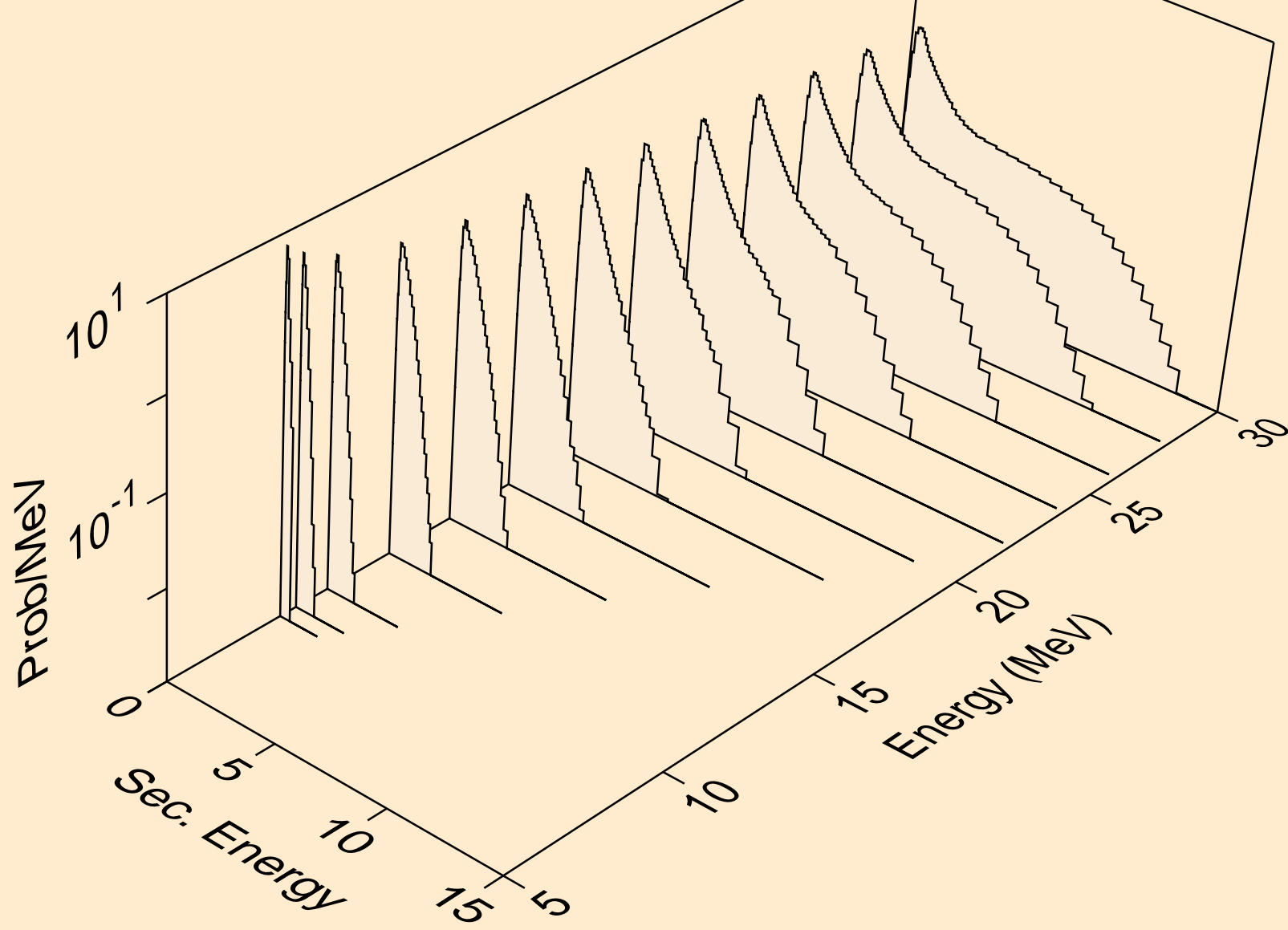
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



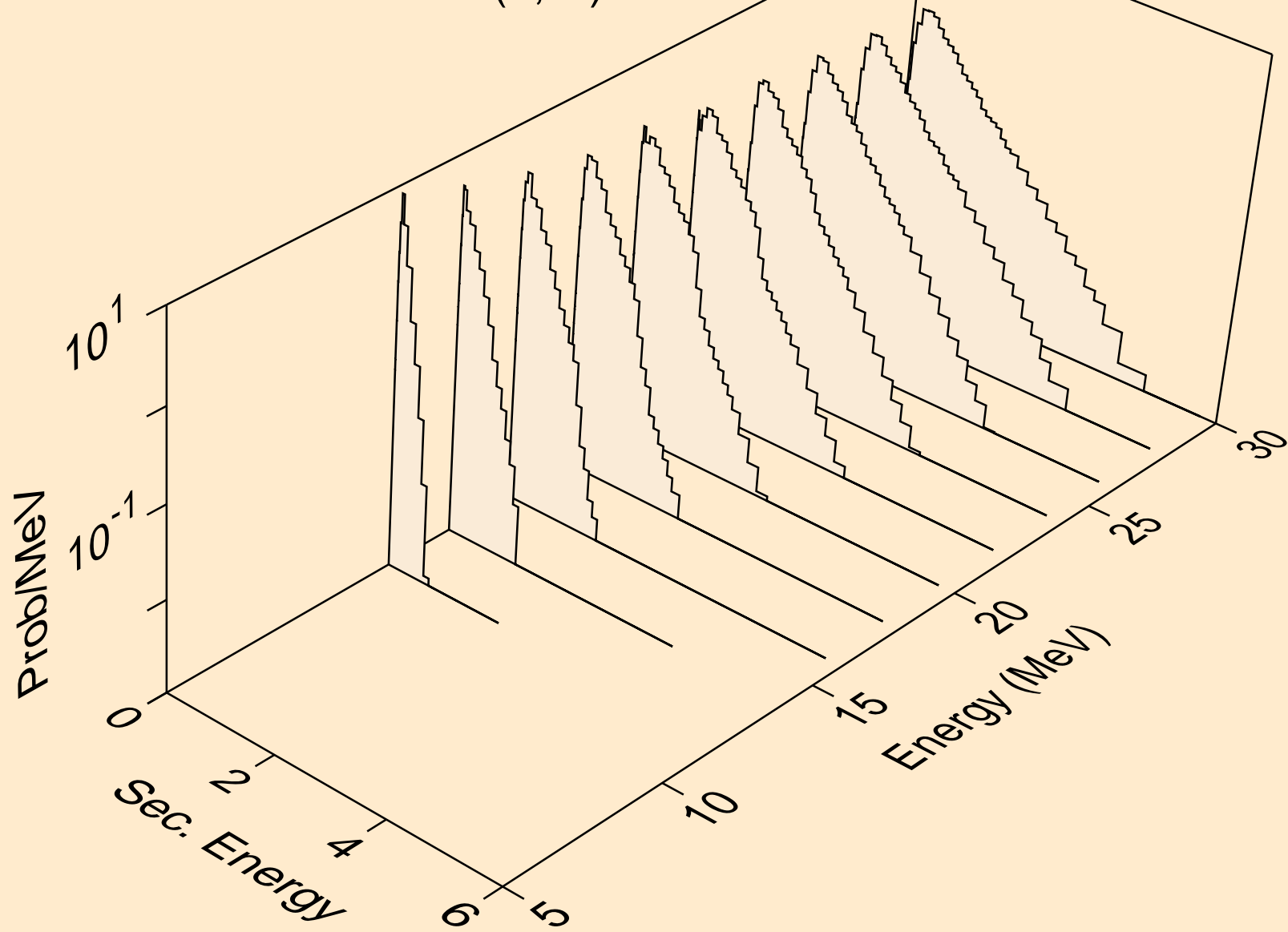
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



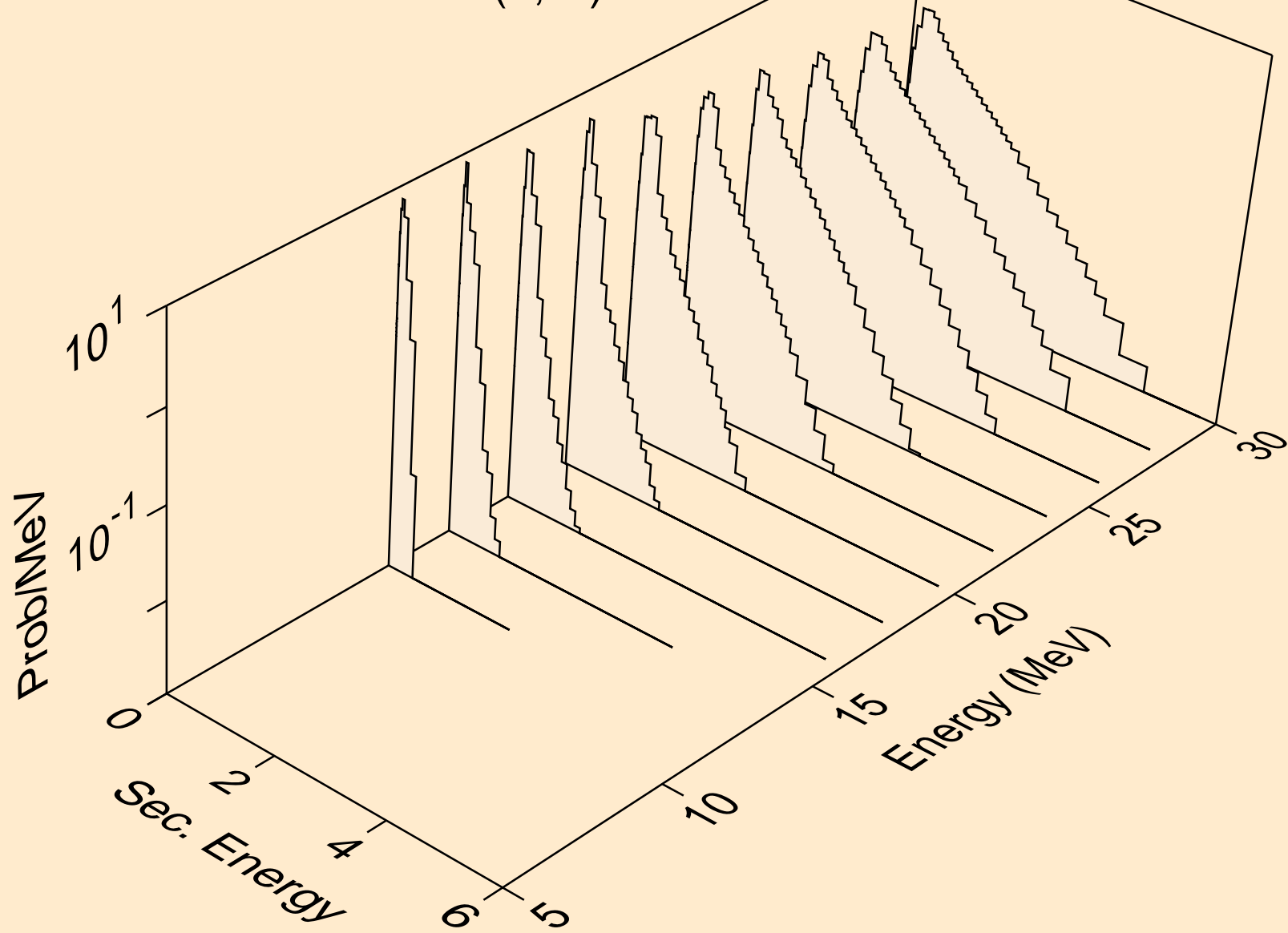
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

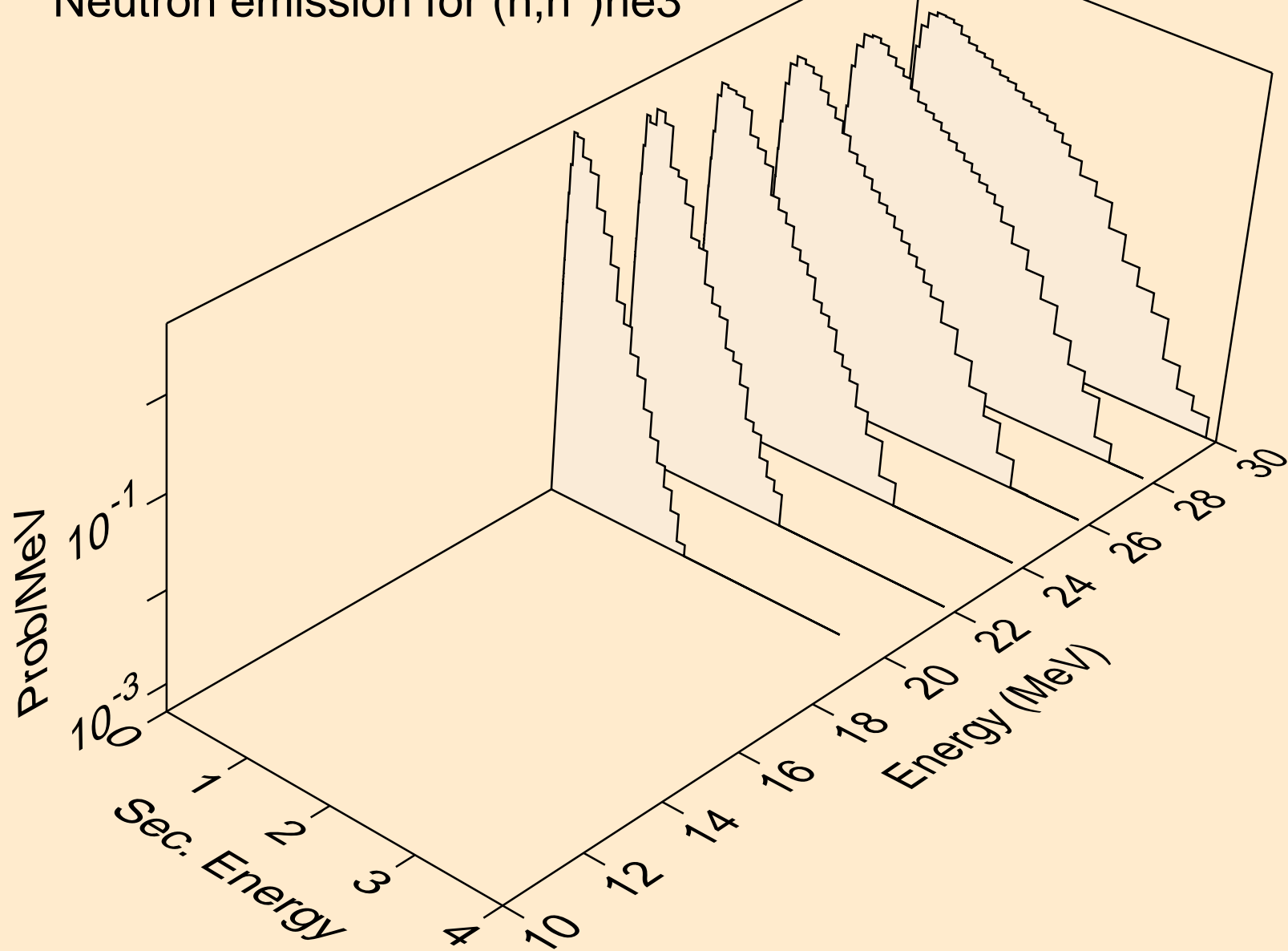


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

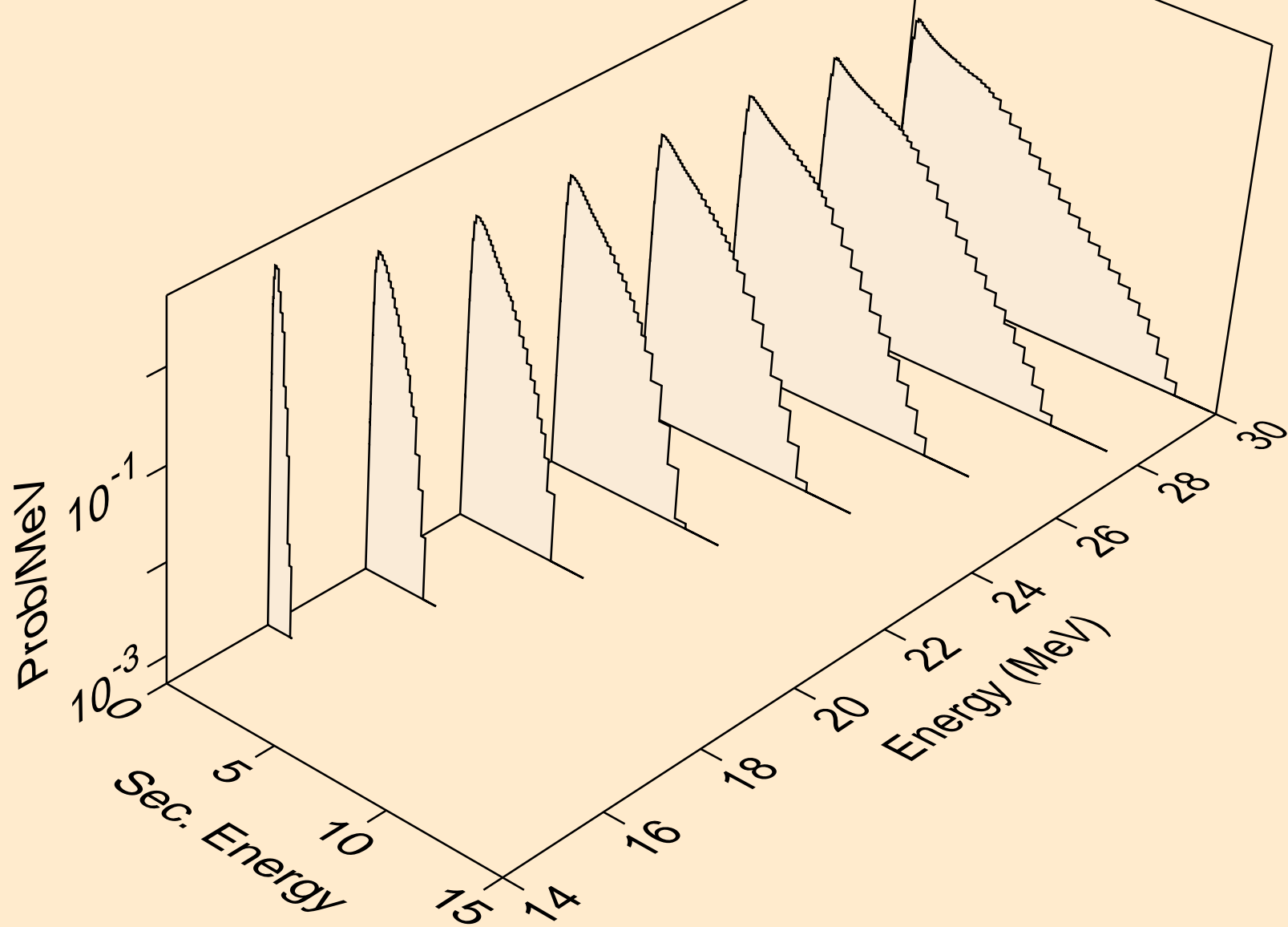




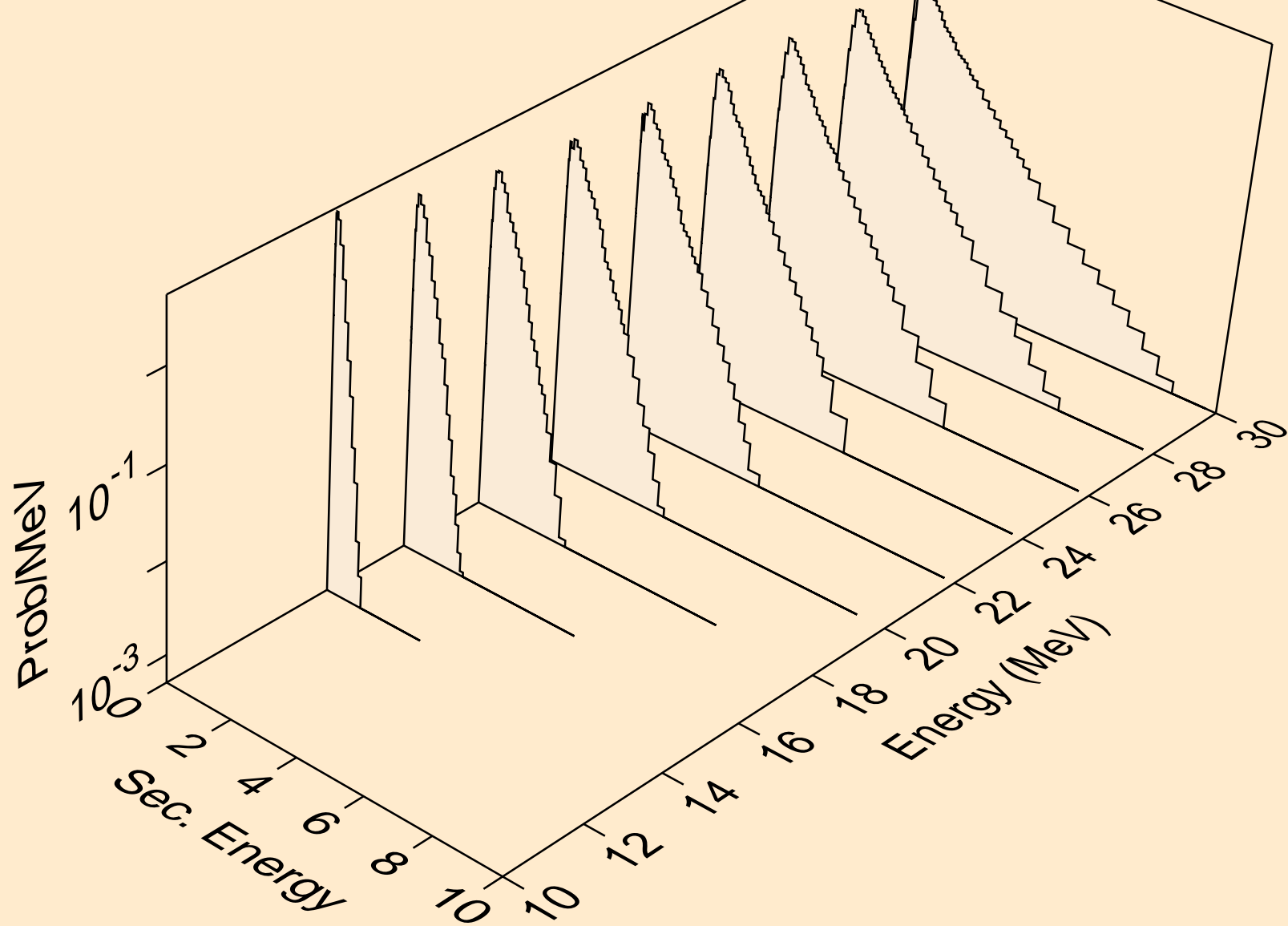
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



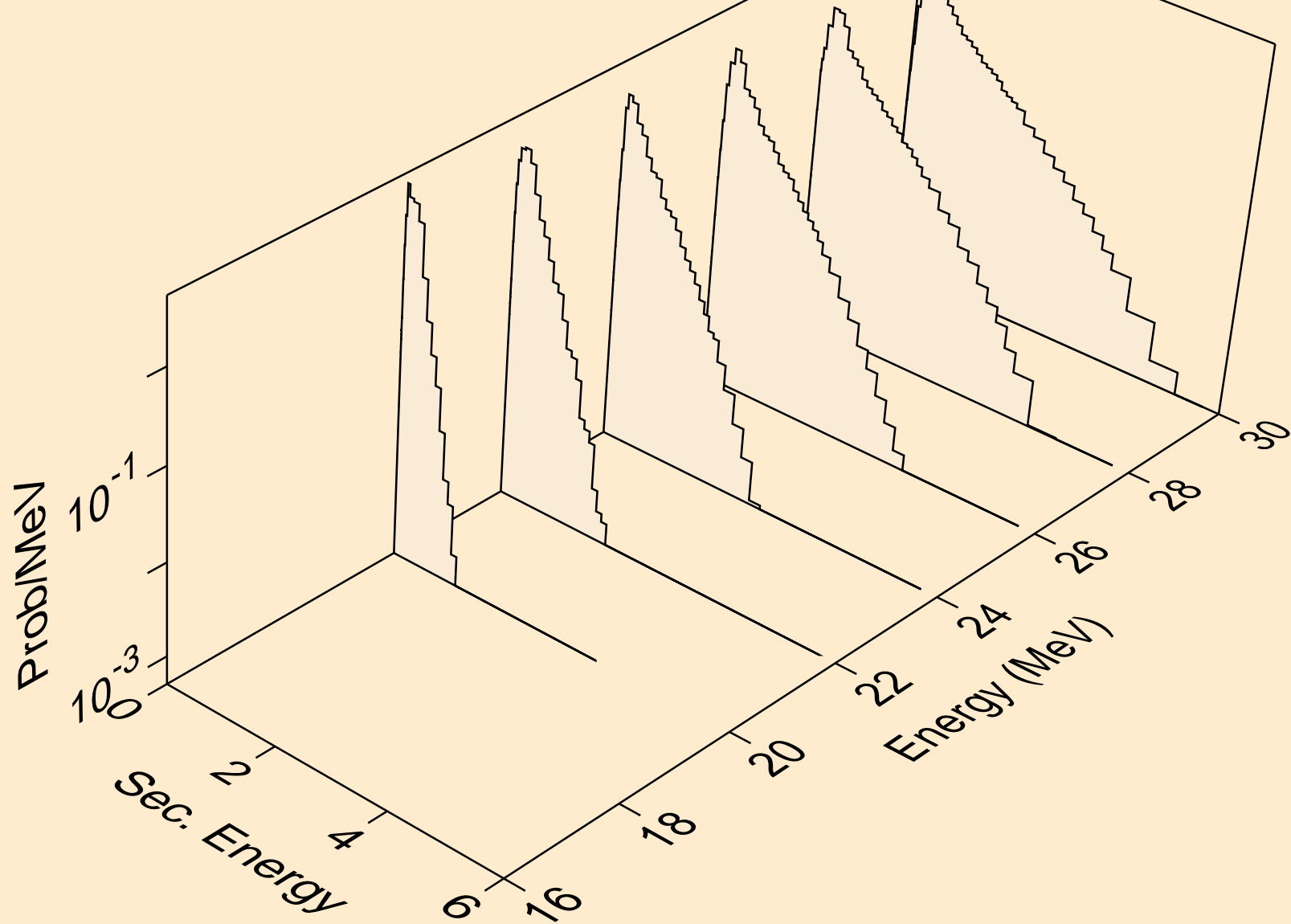
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



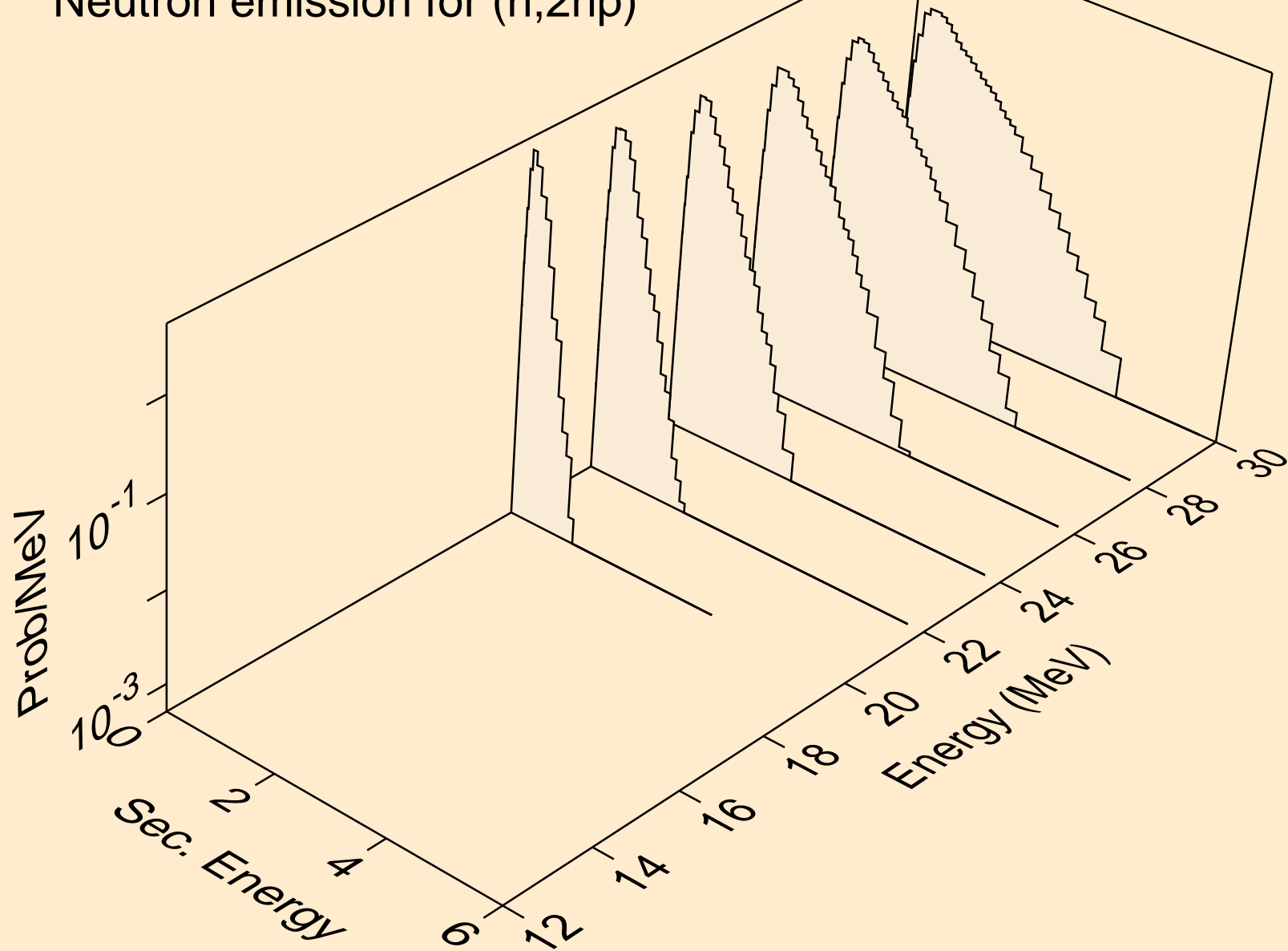
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



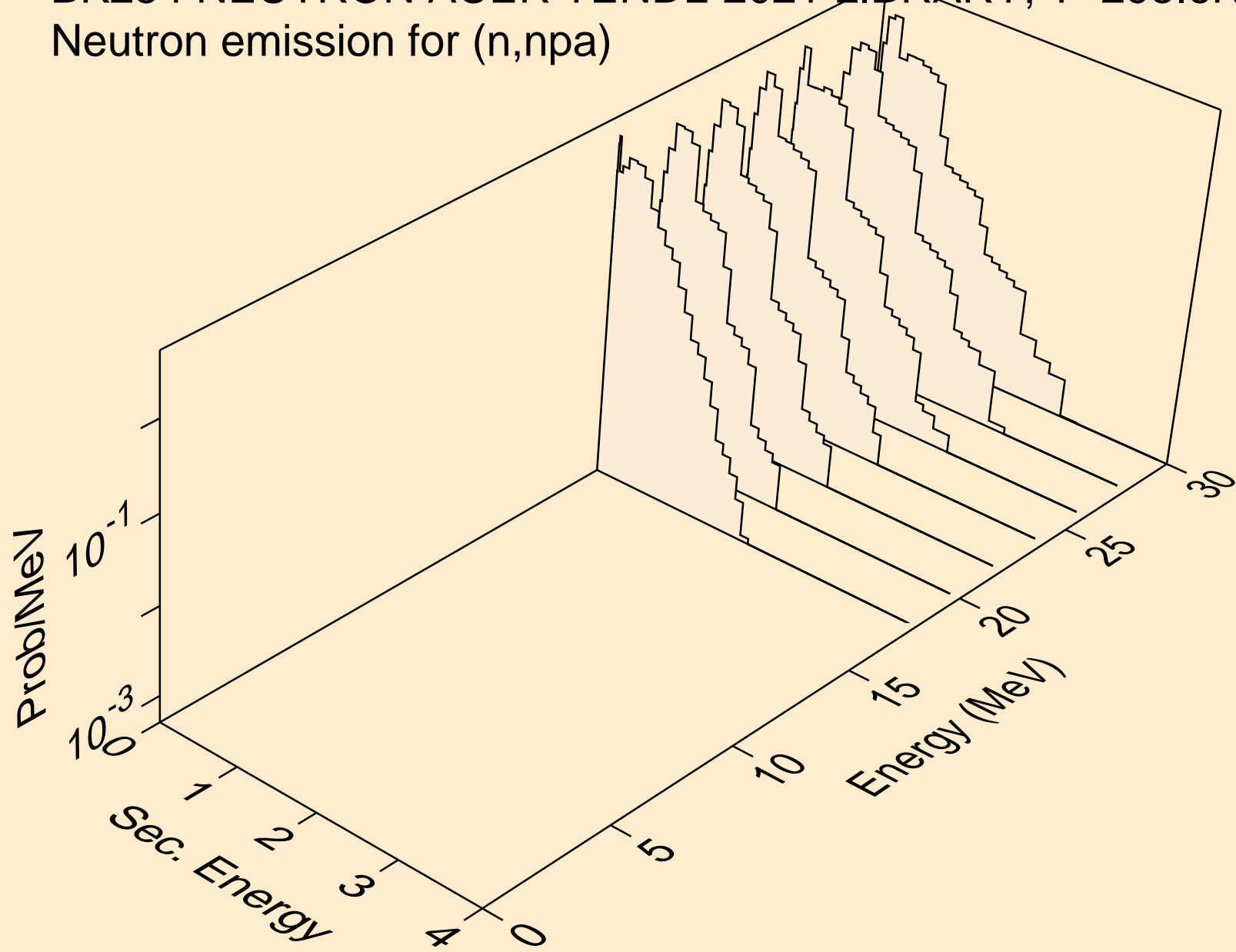
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



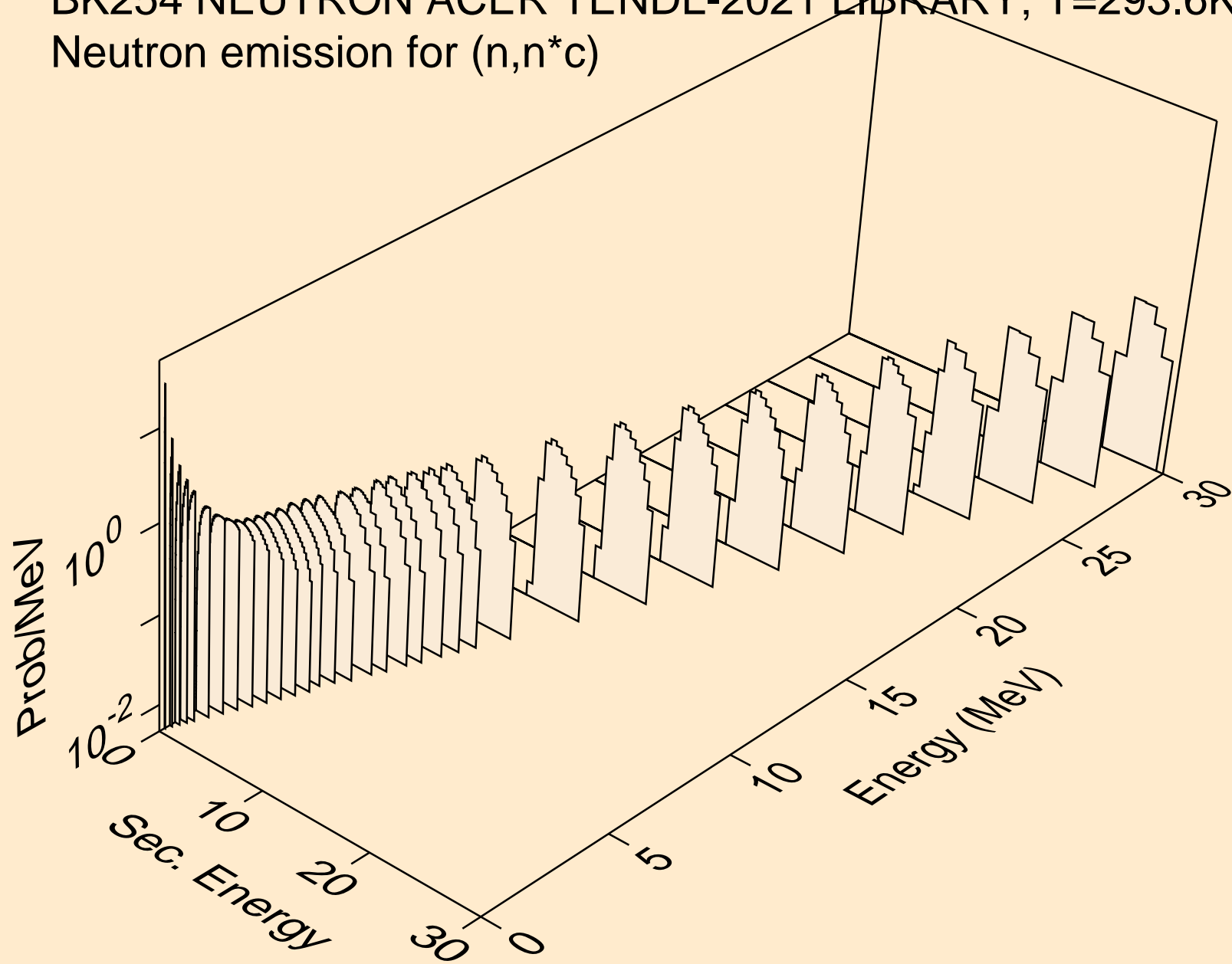
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



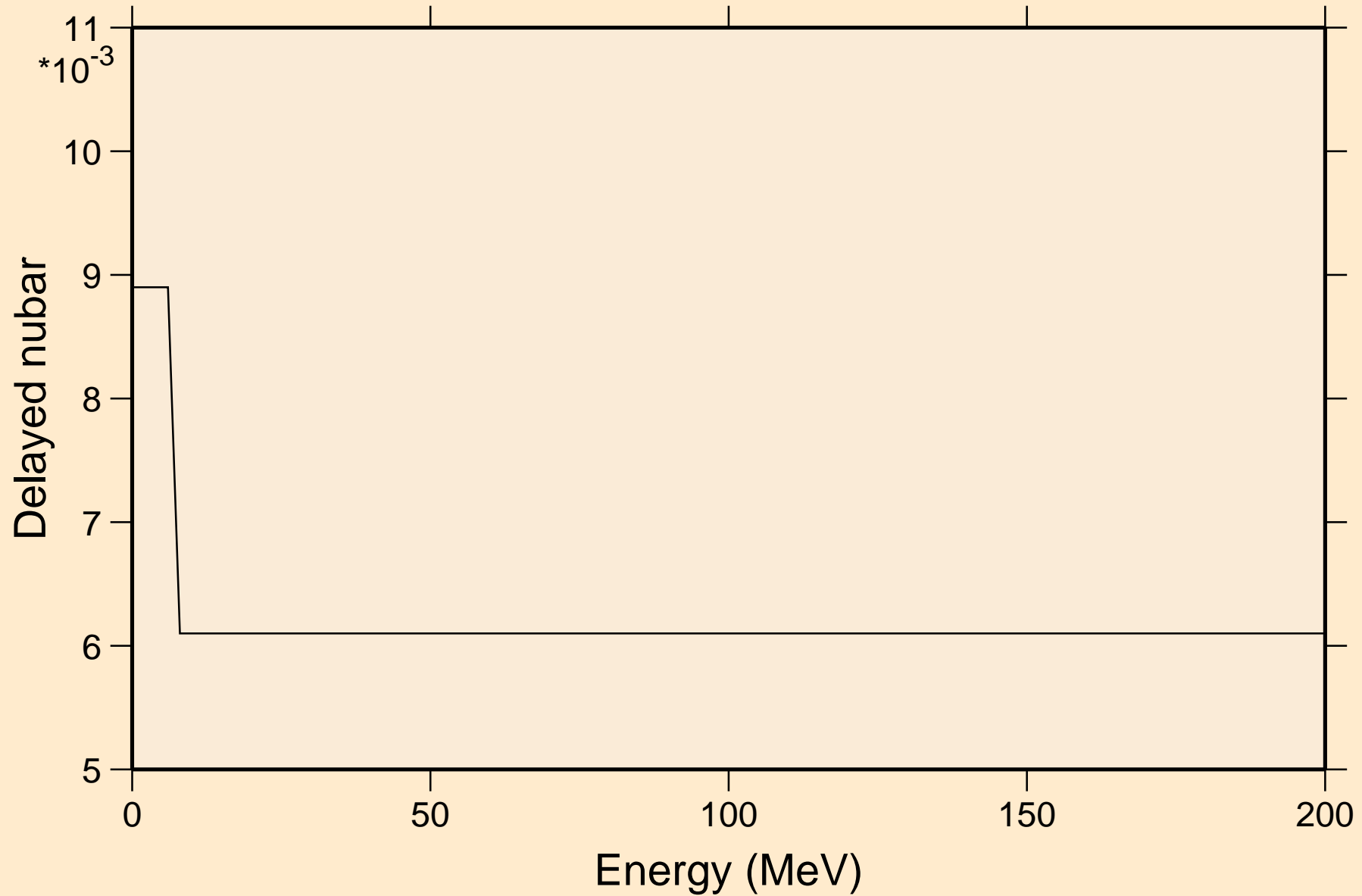
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



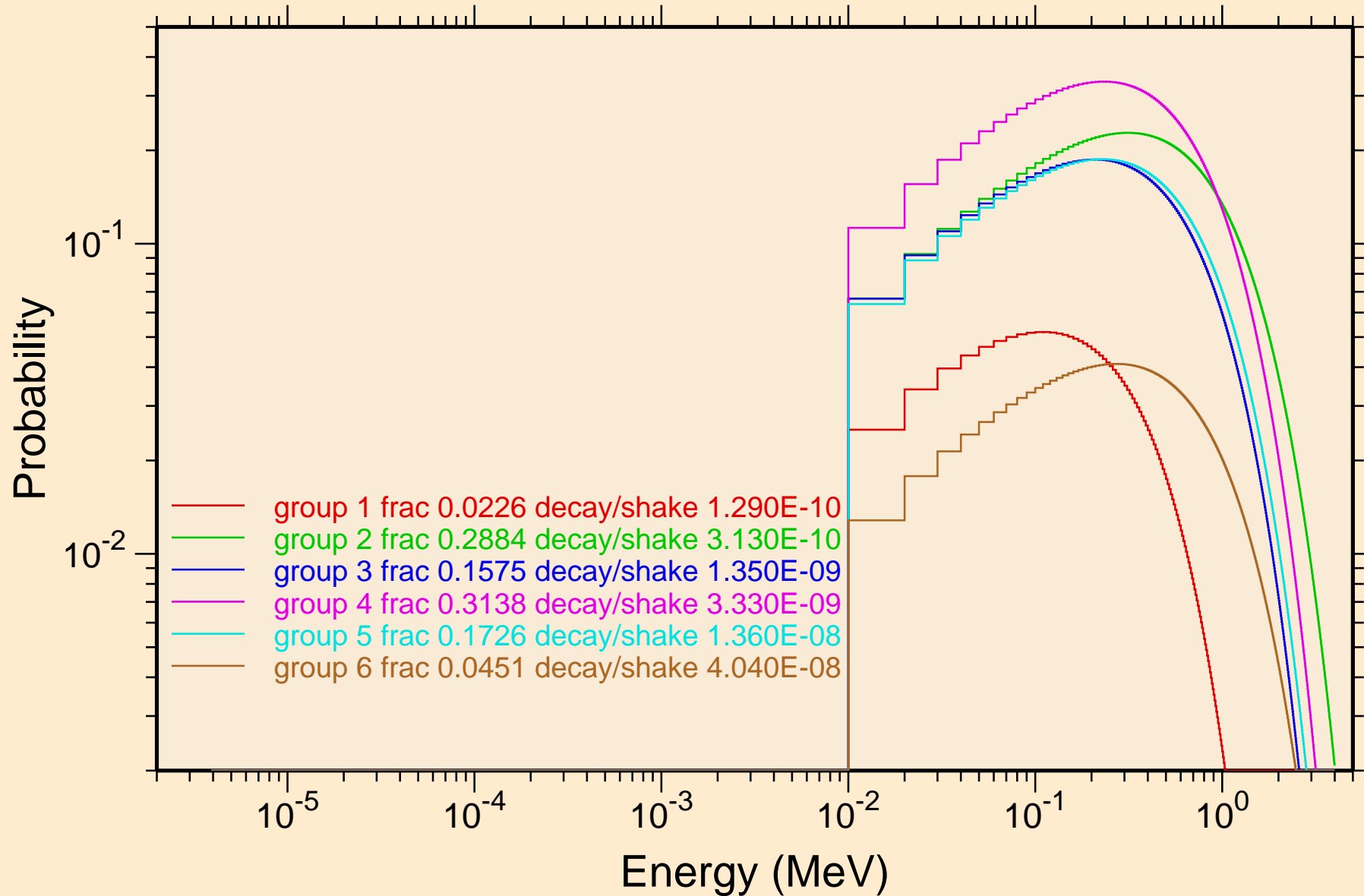
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Delayed nubar



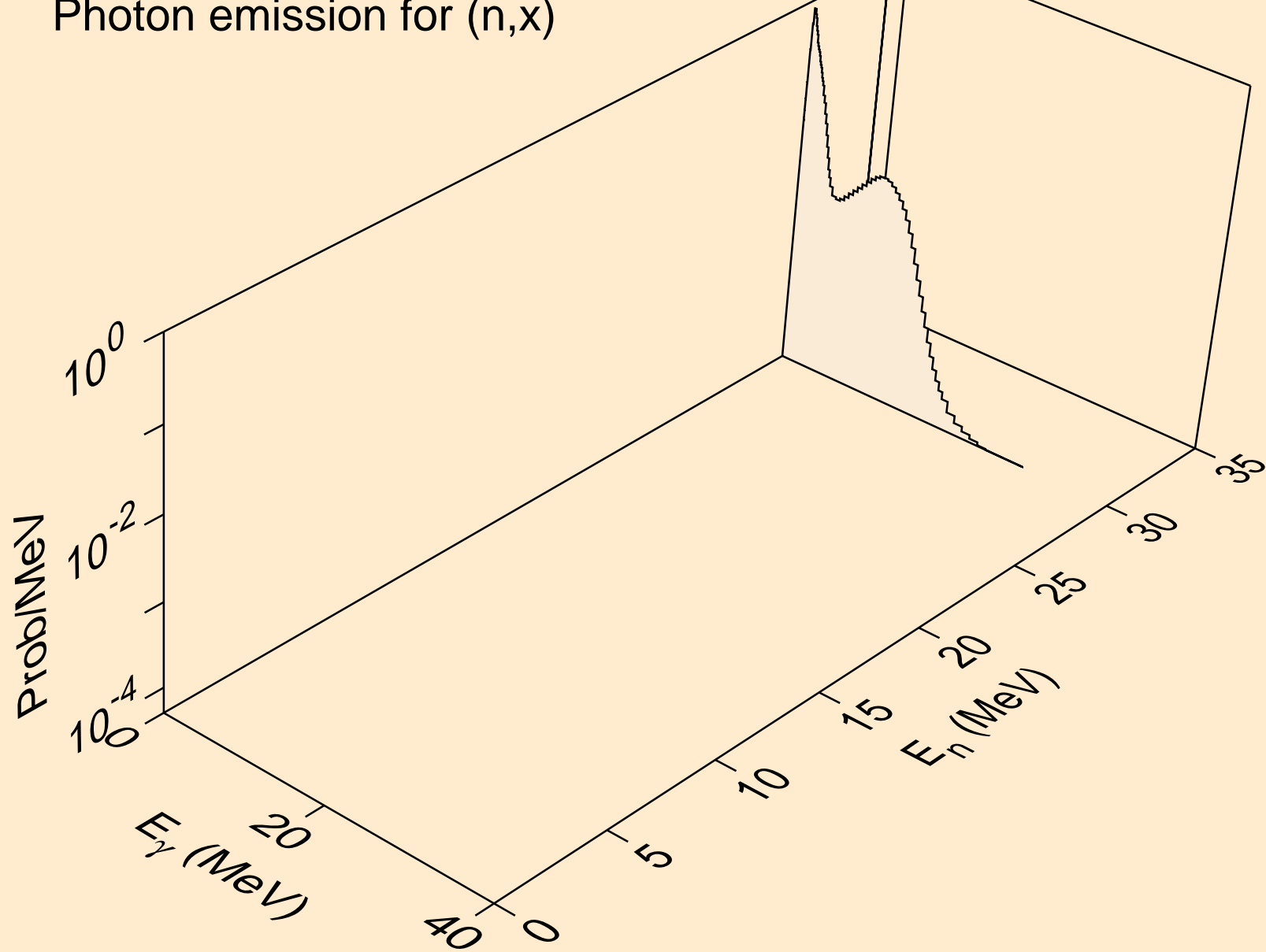


# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

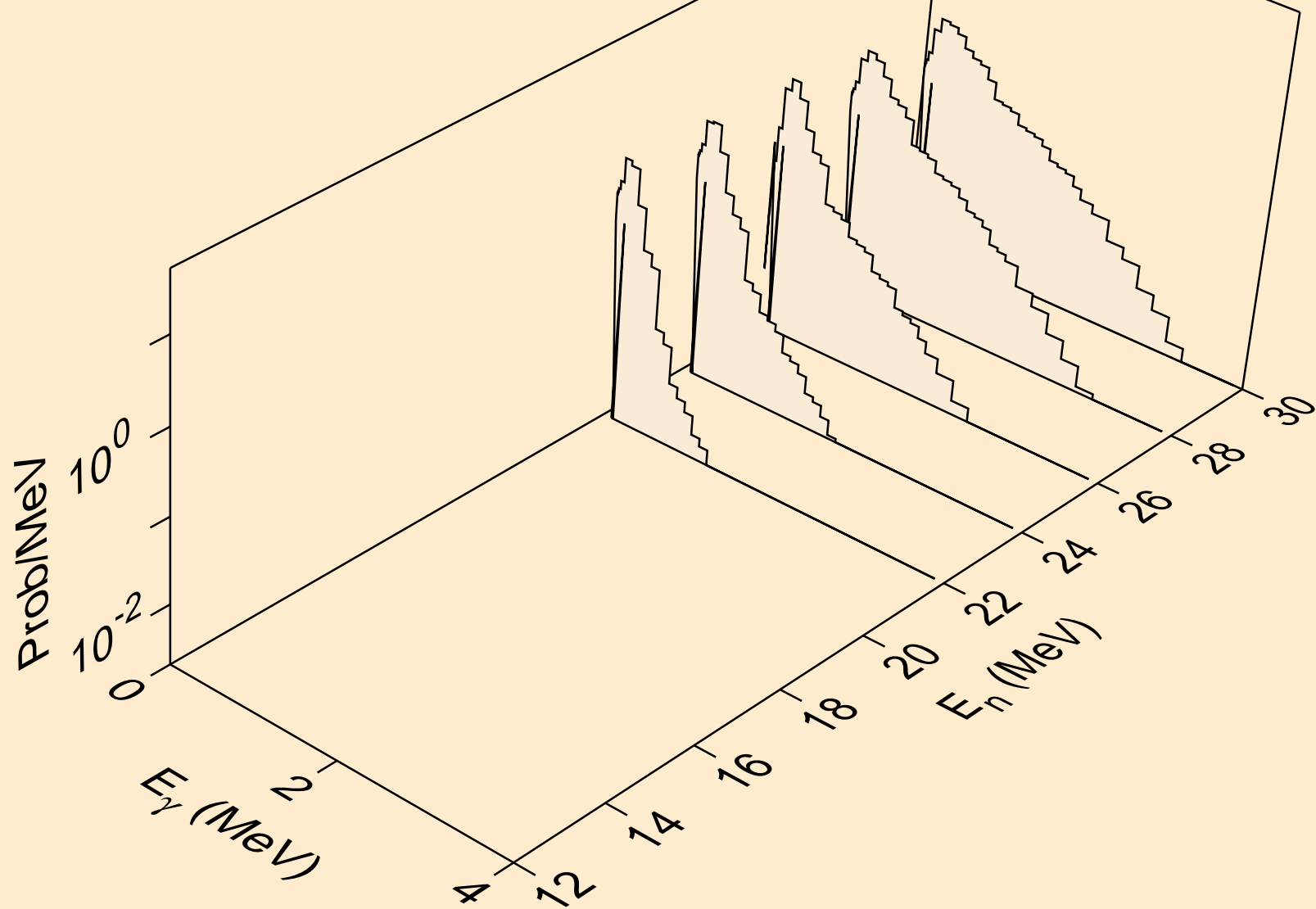
## Delayed neutron spectra



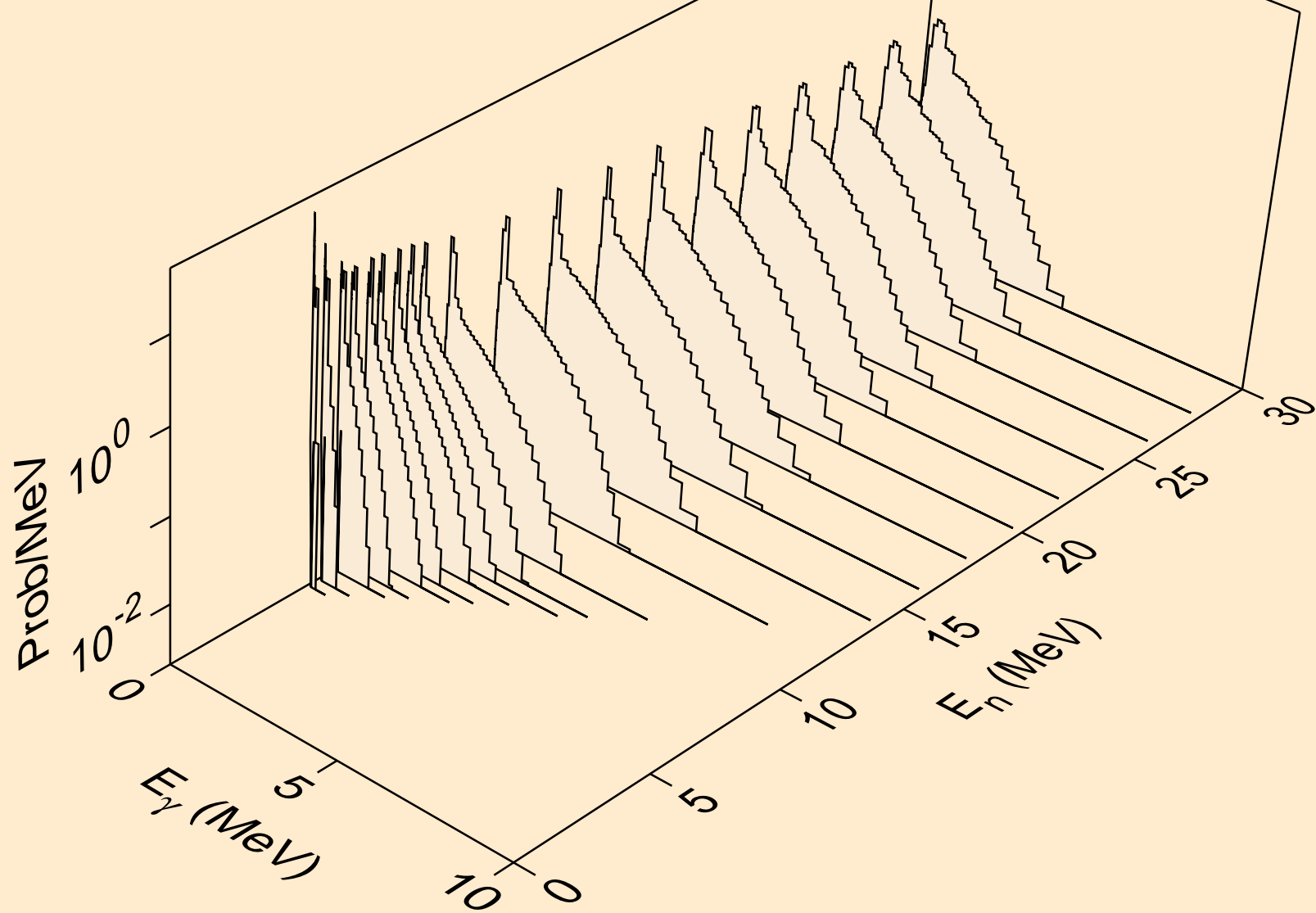
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



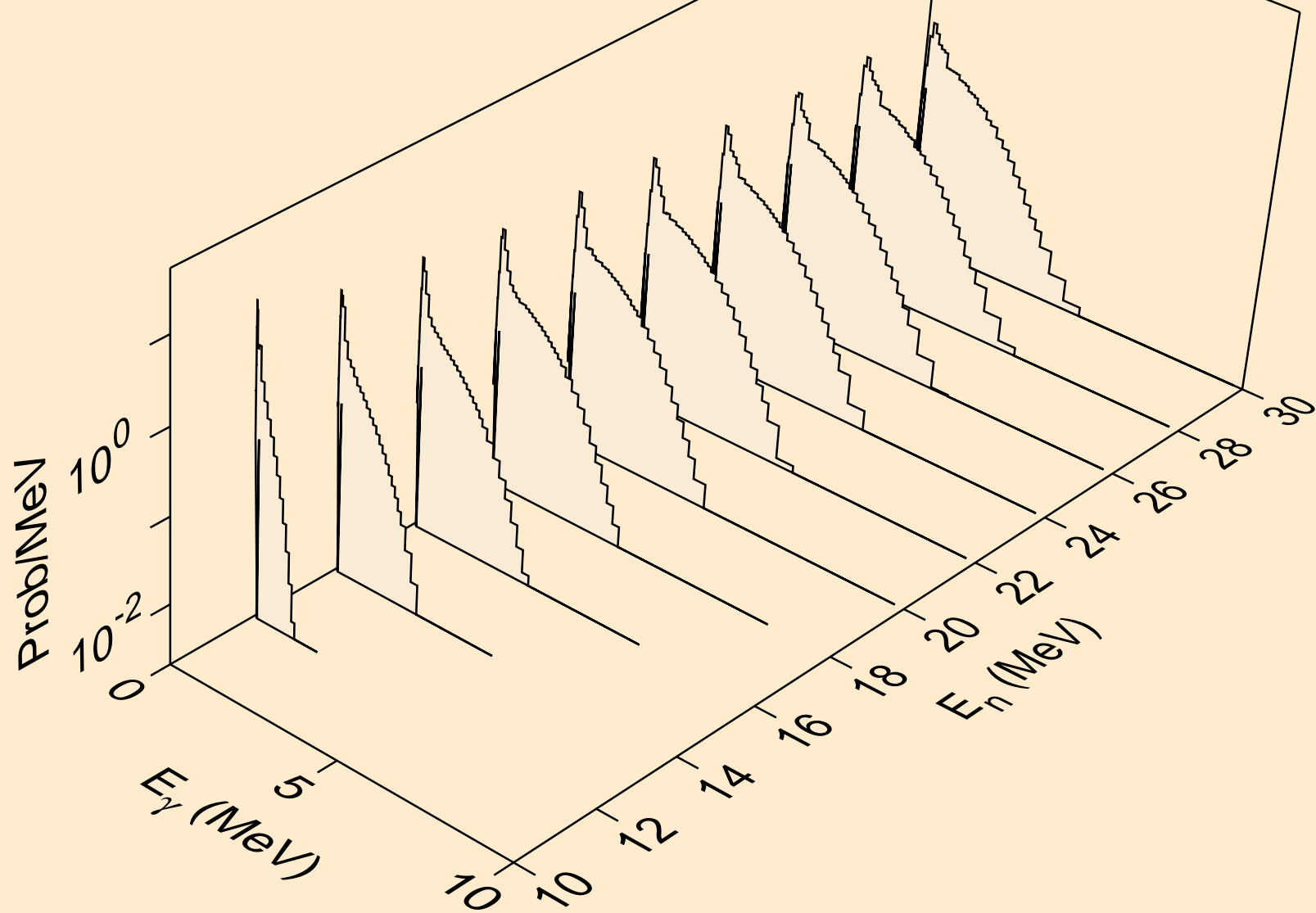
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



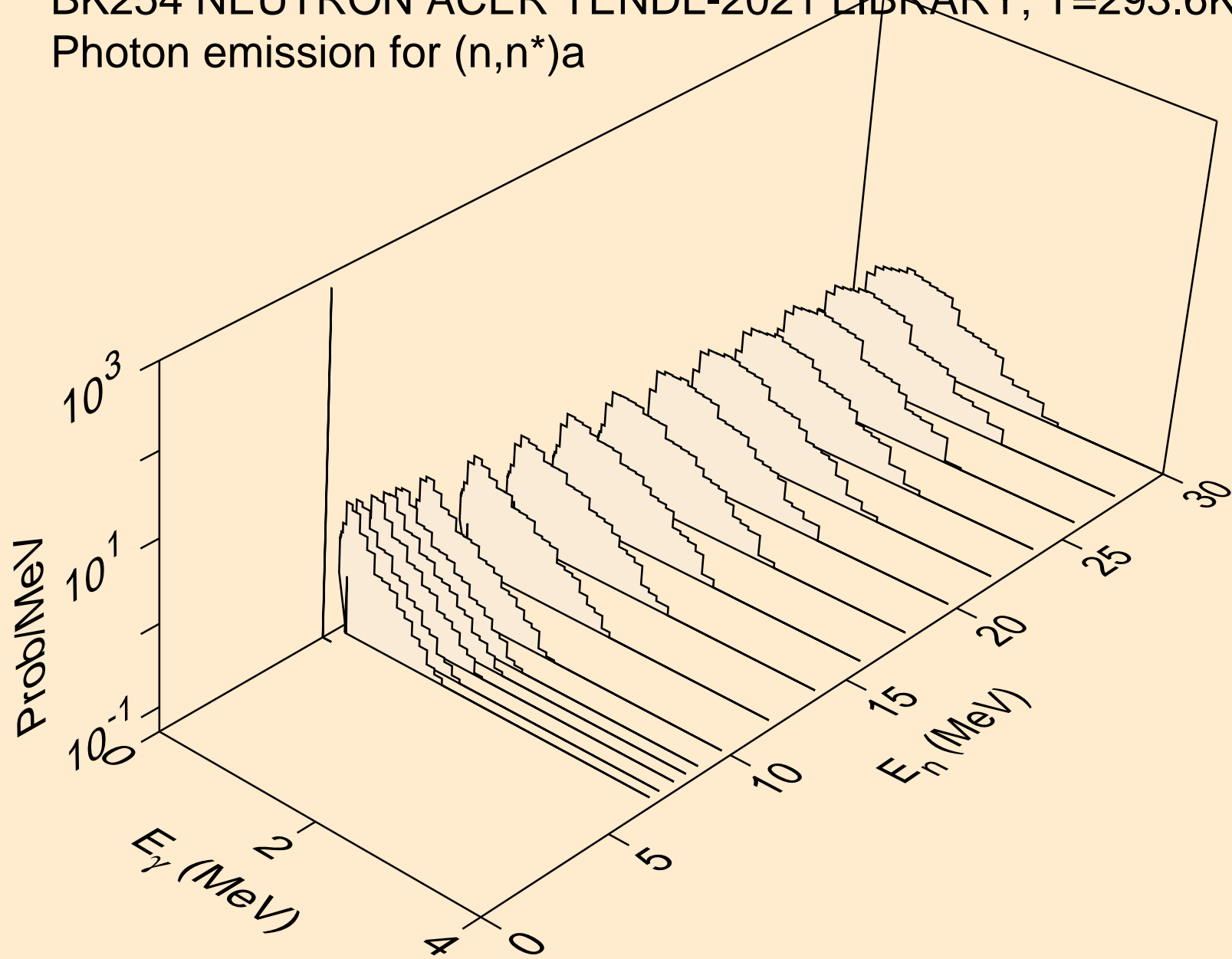
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



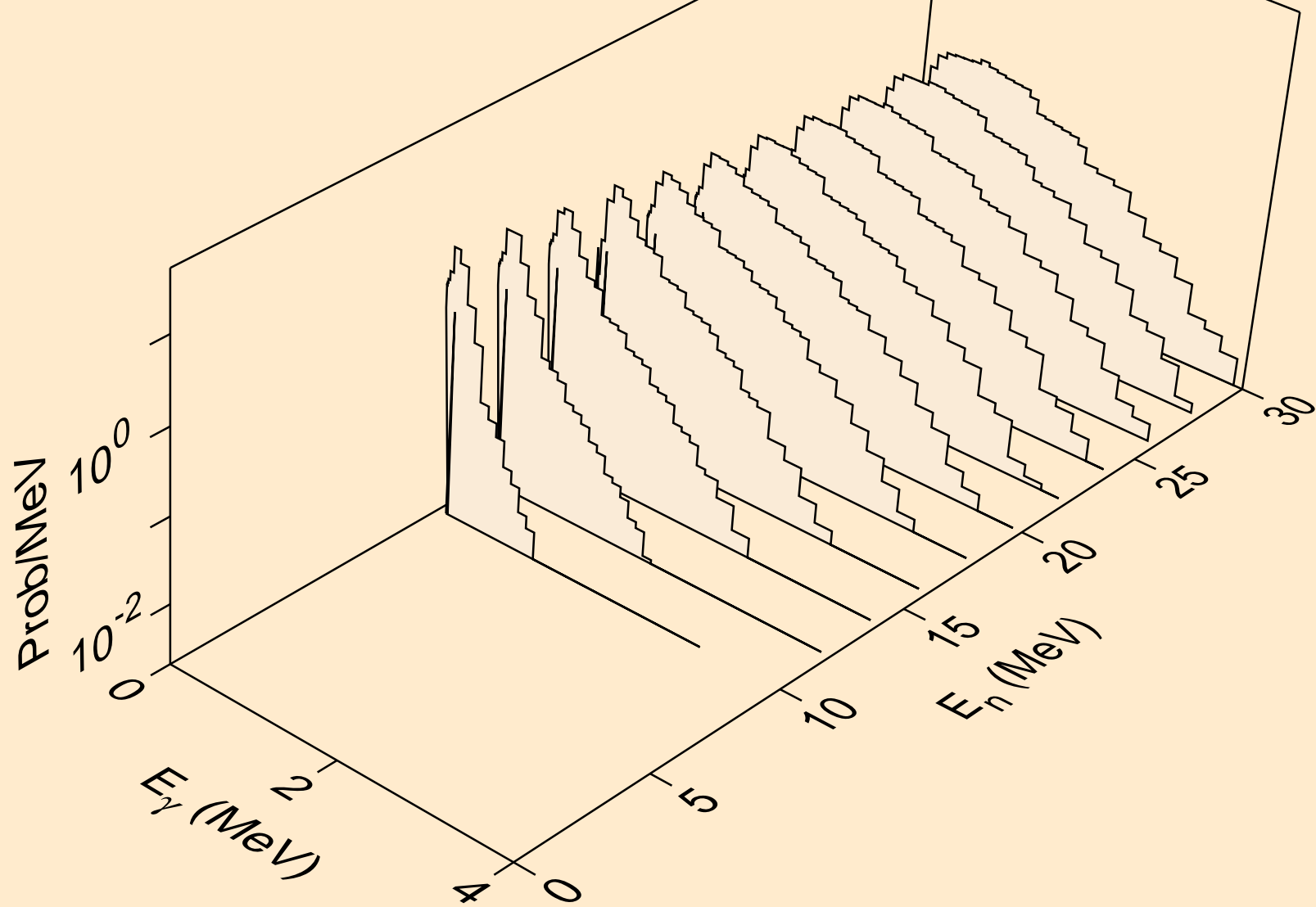
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



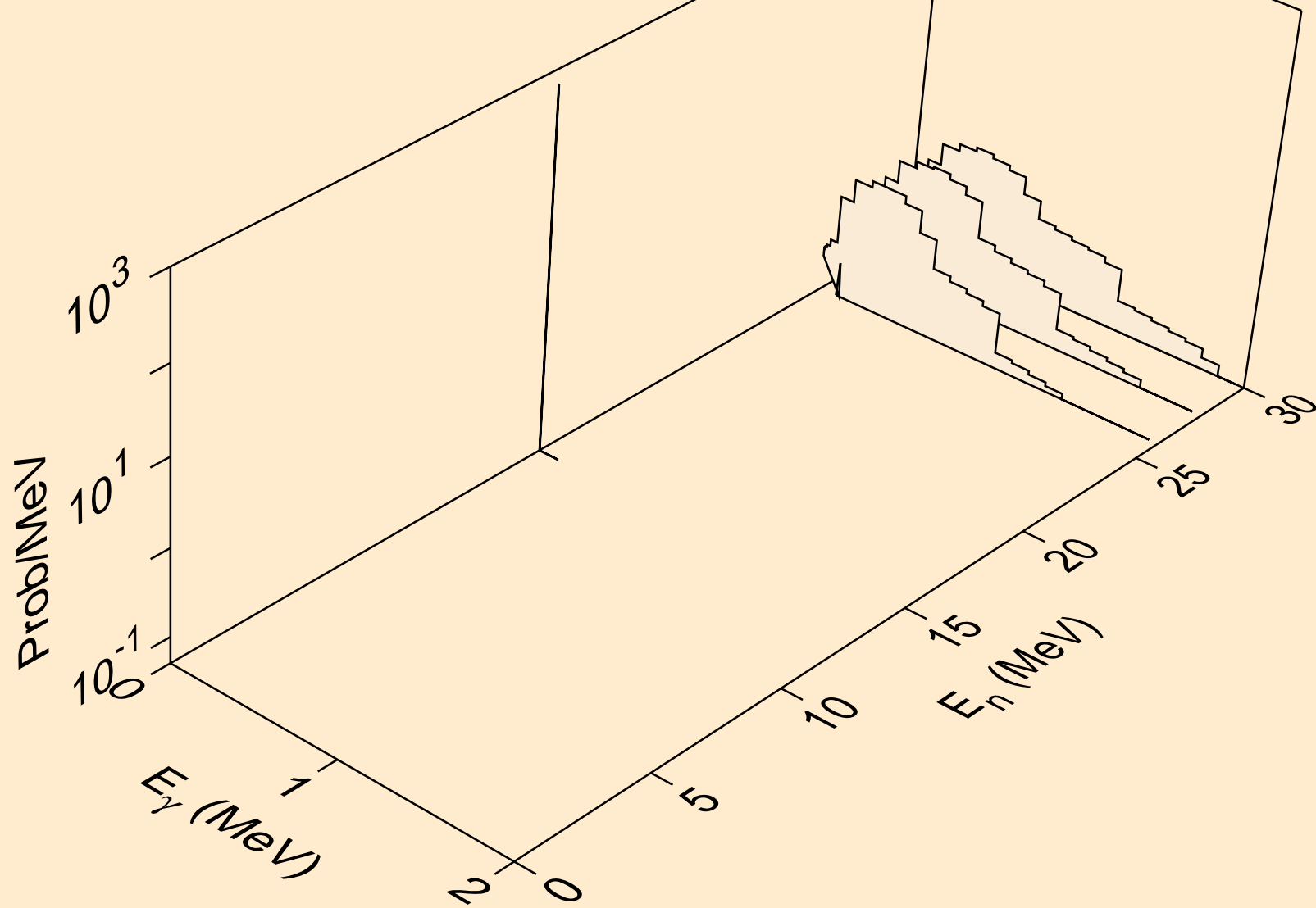
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

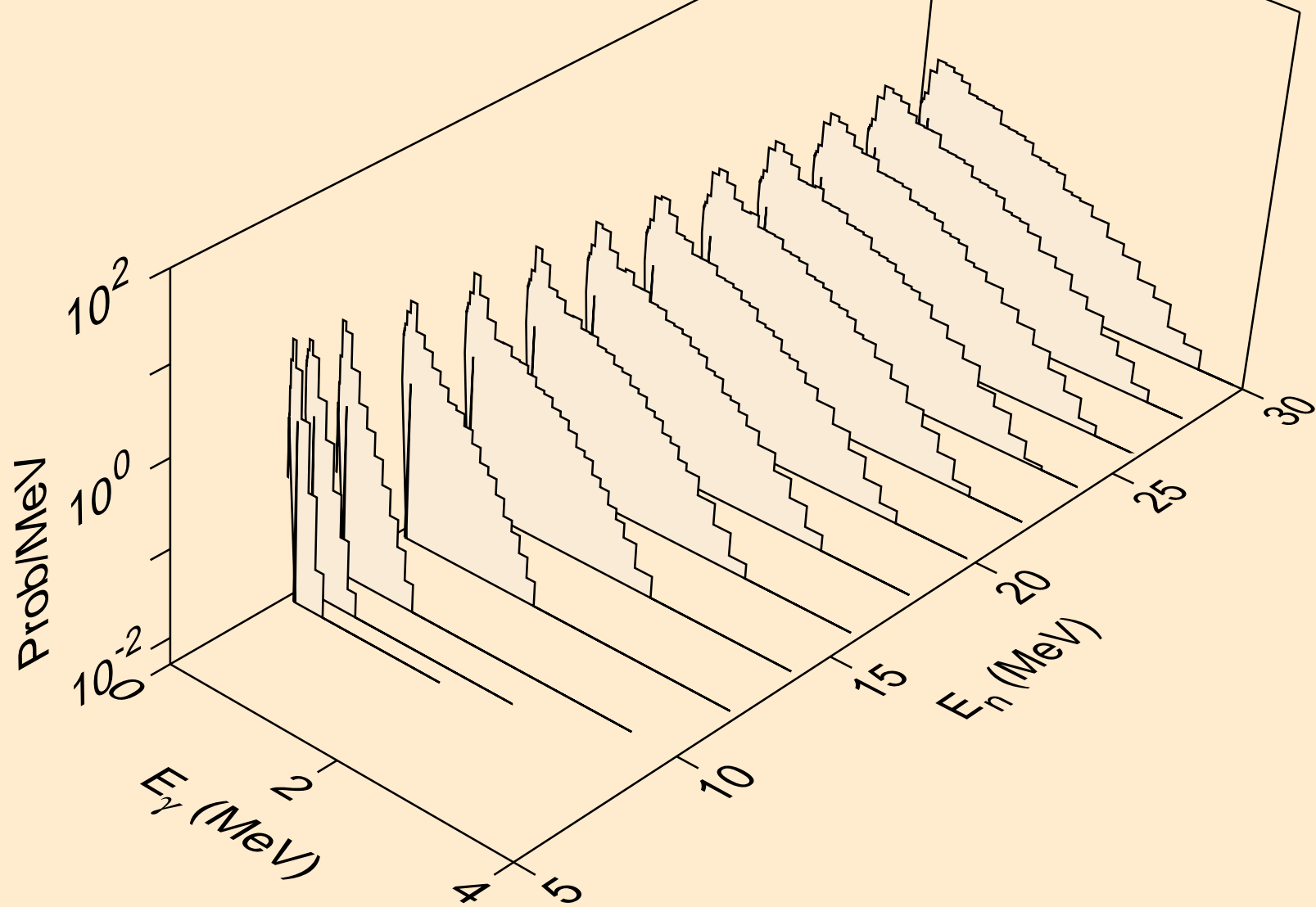


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

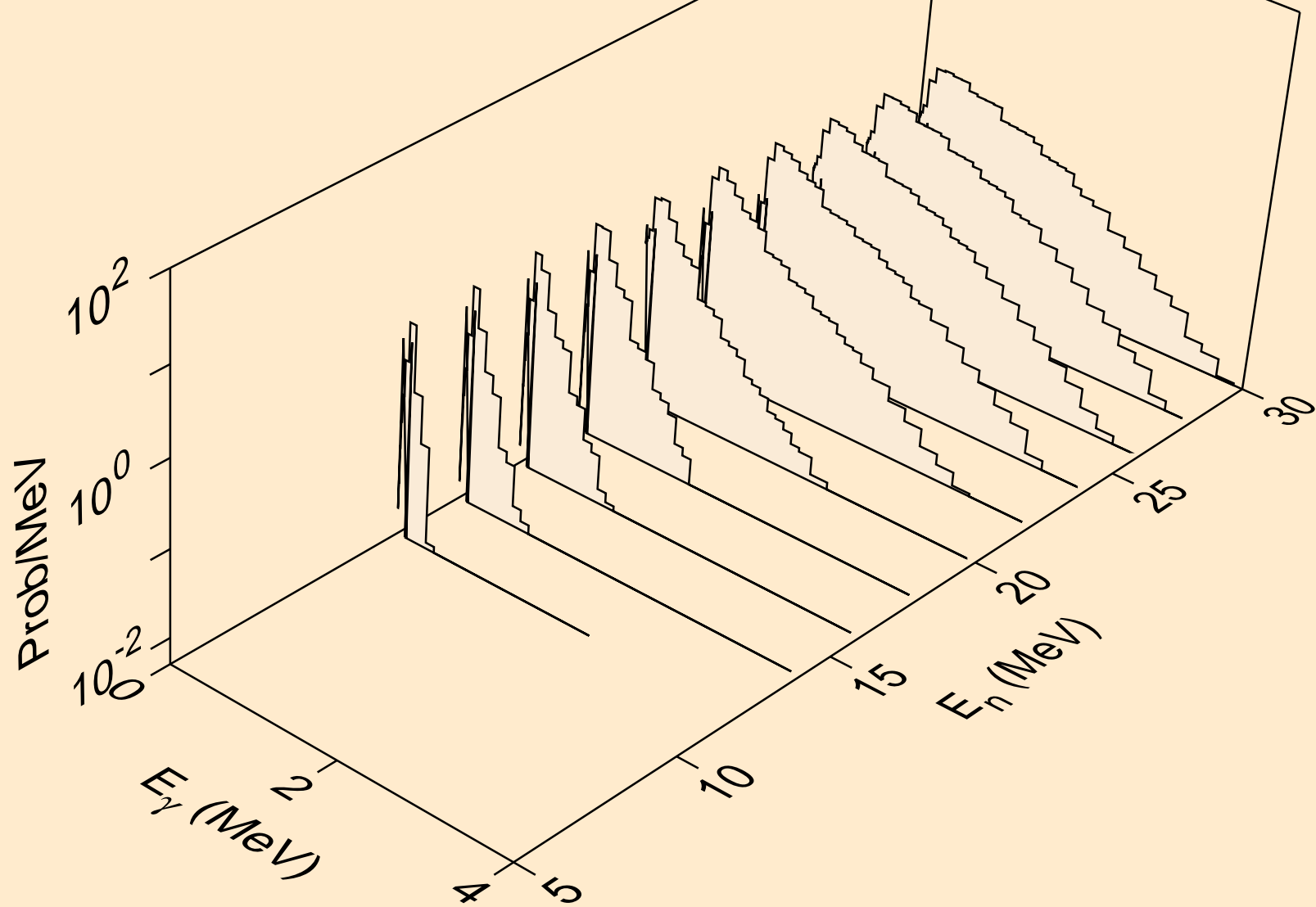




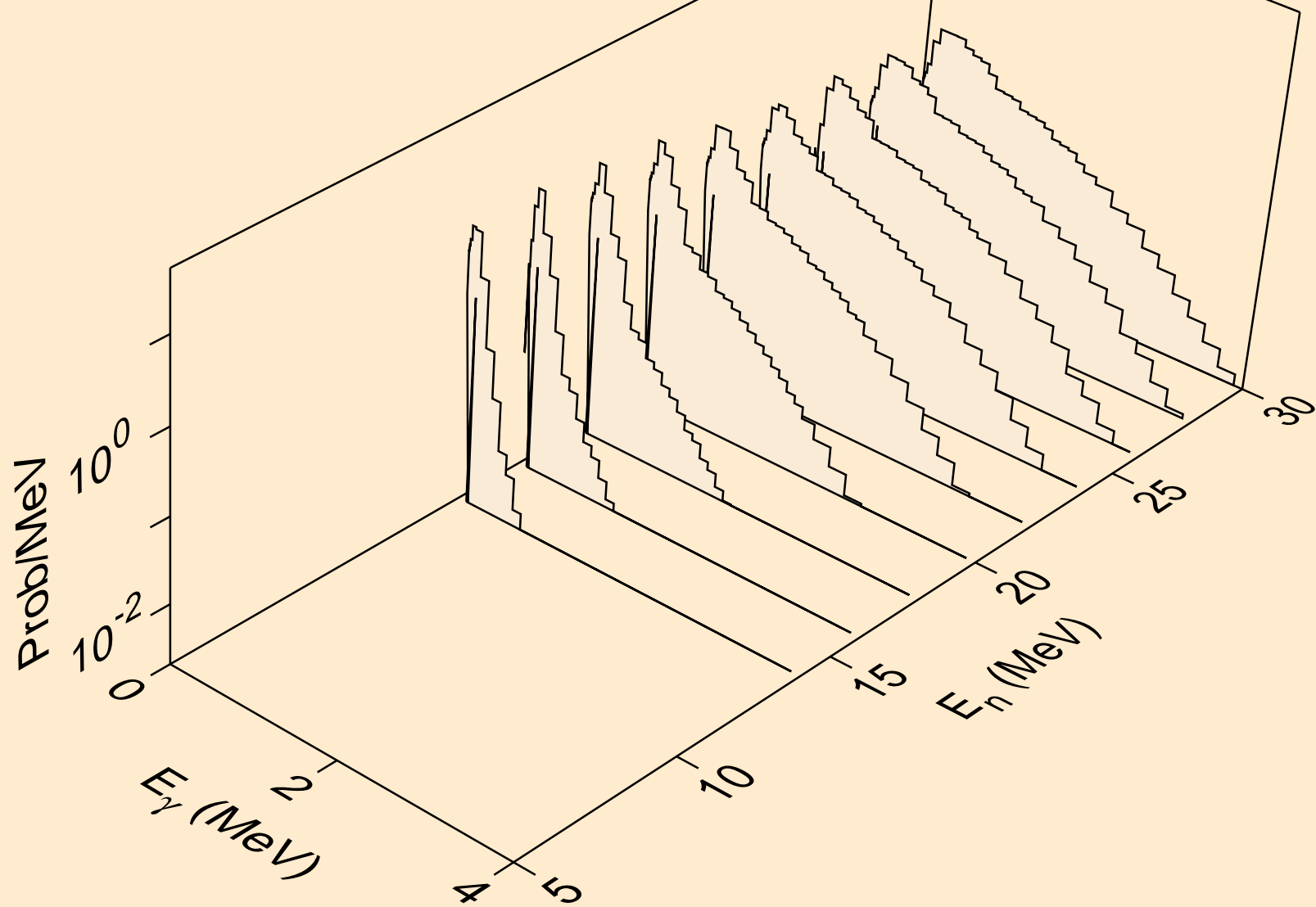
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



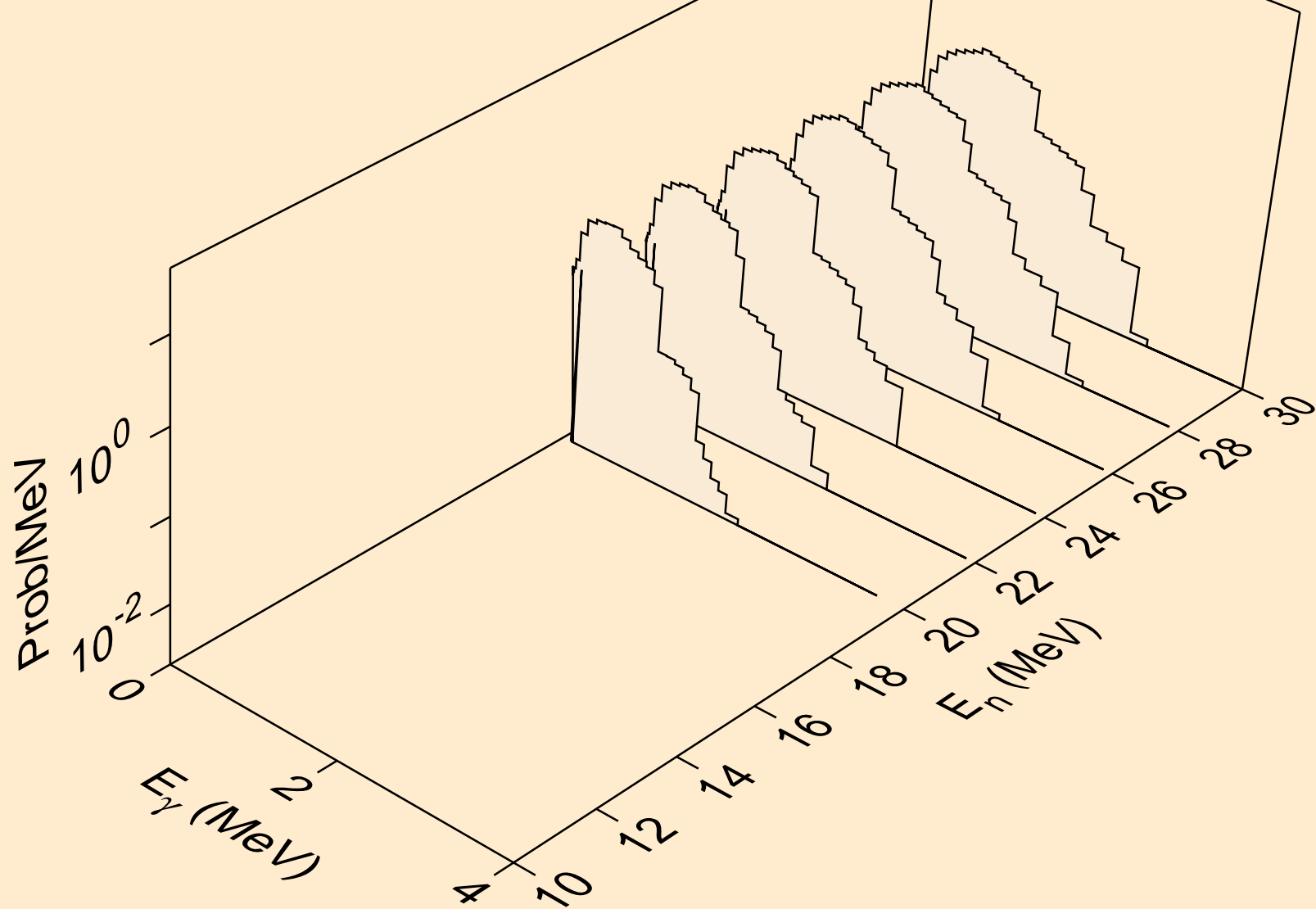
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



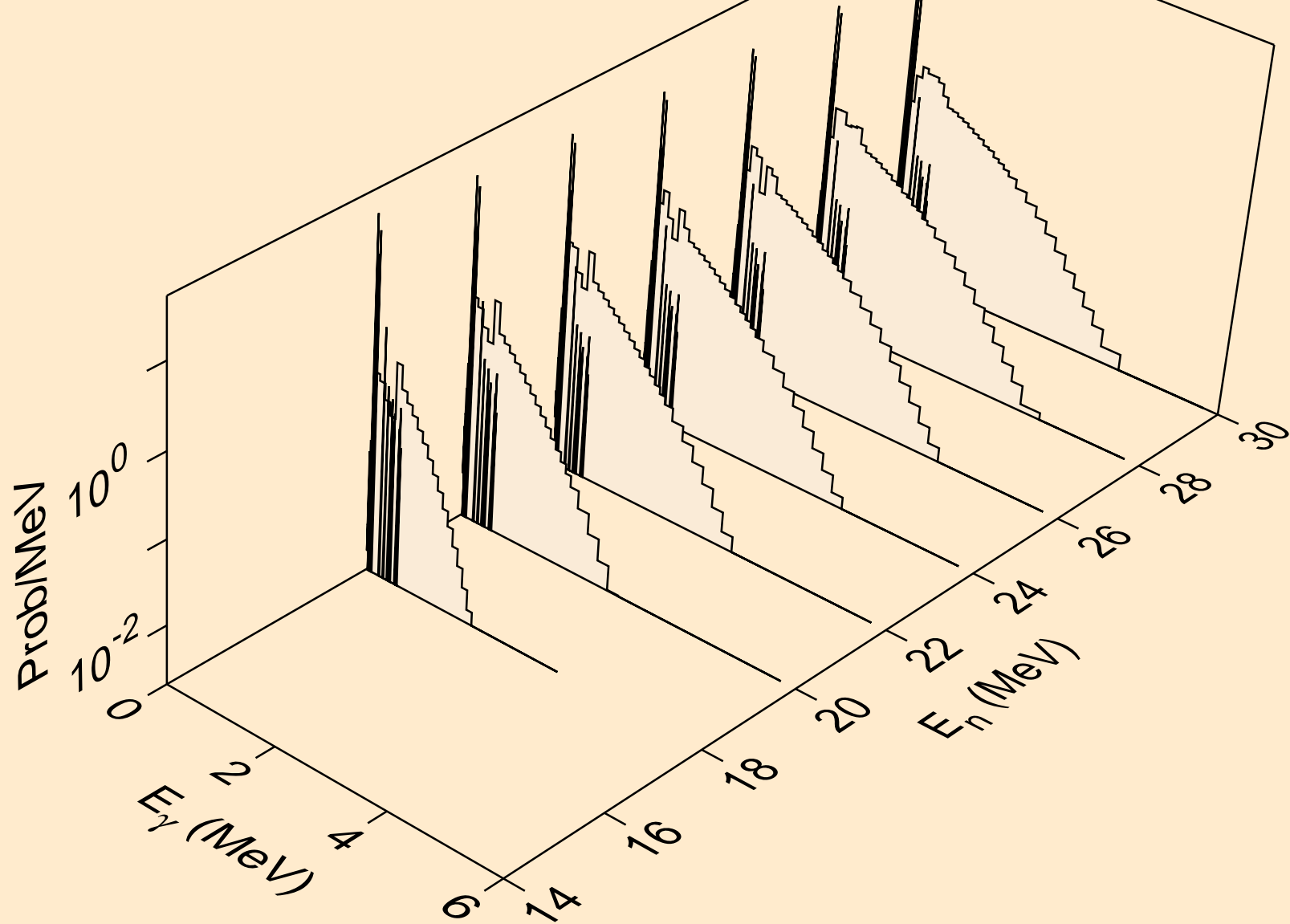
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



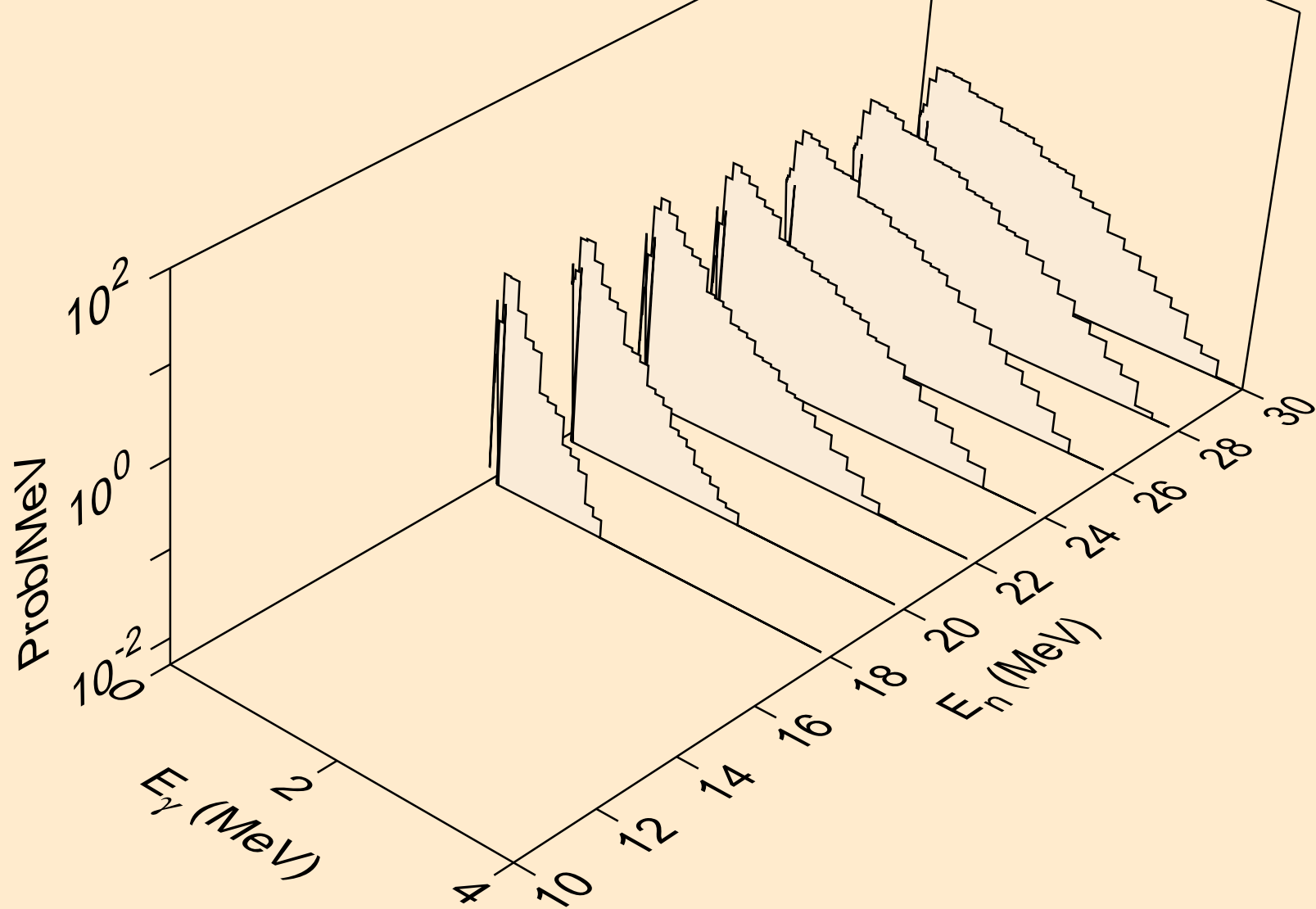
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



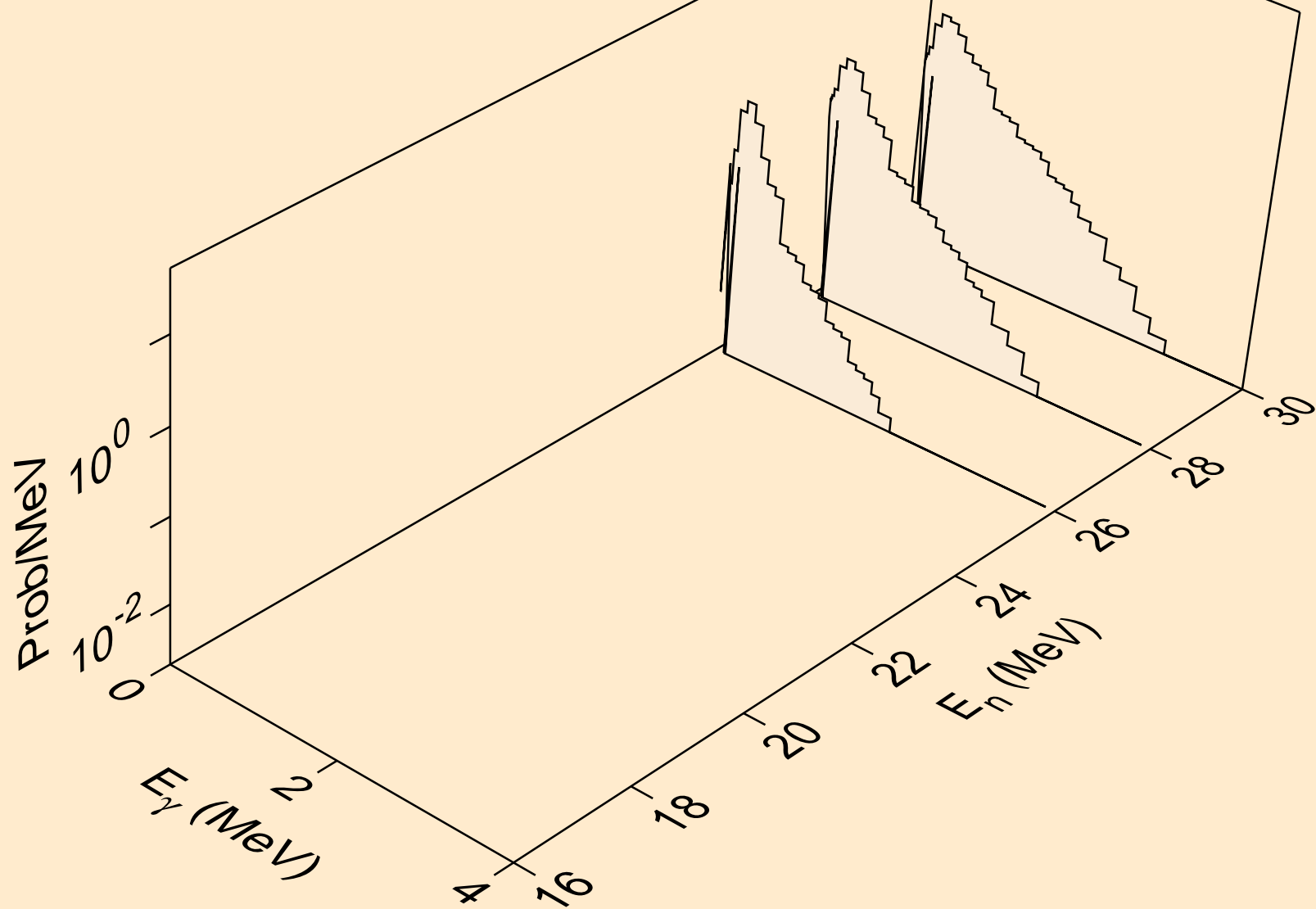
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



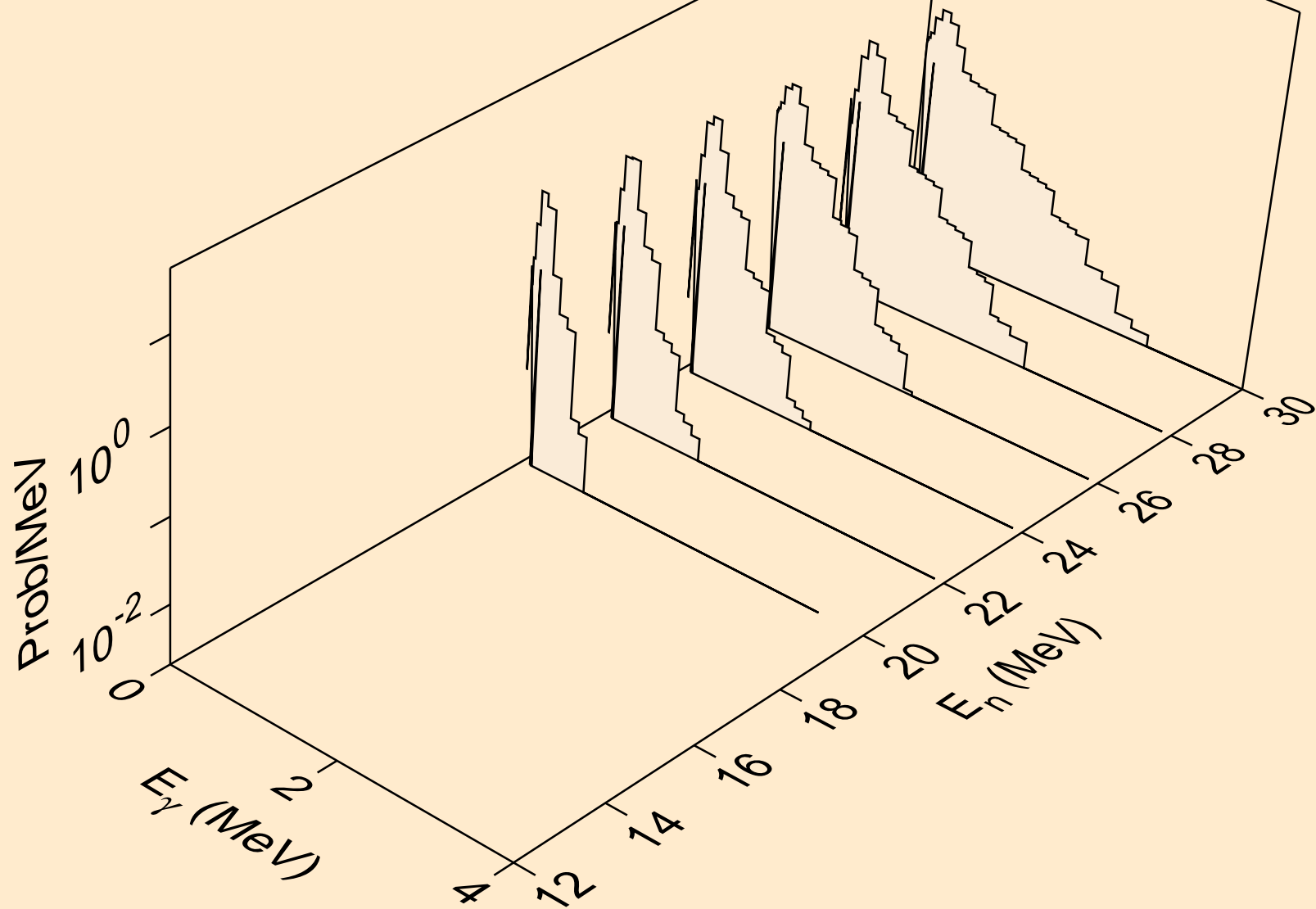
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

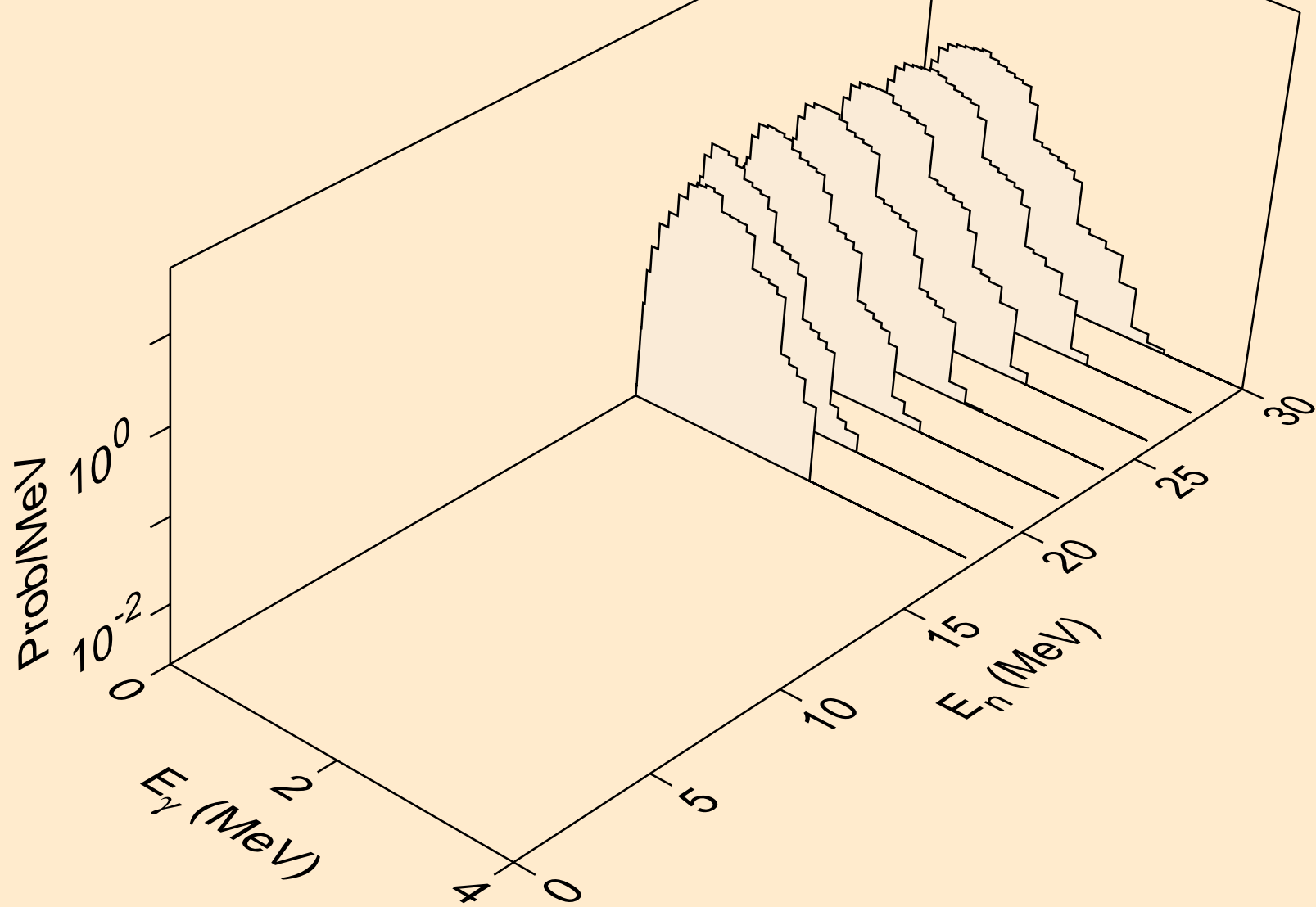


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

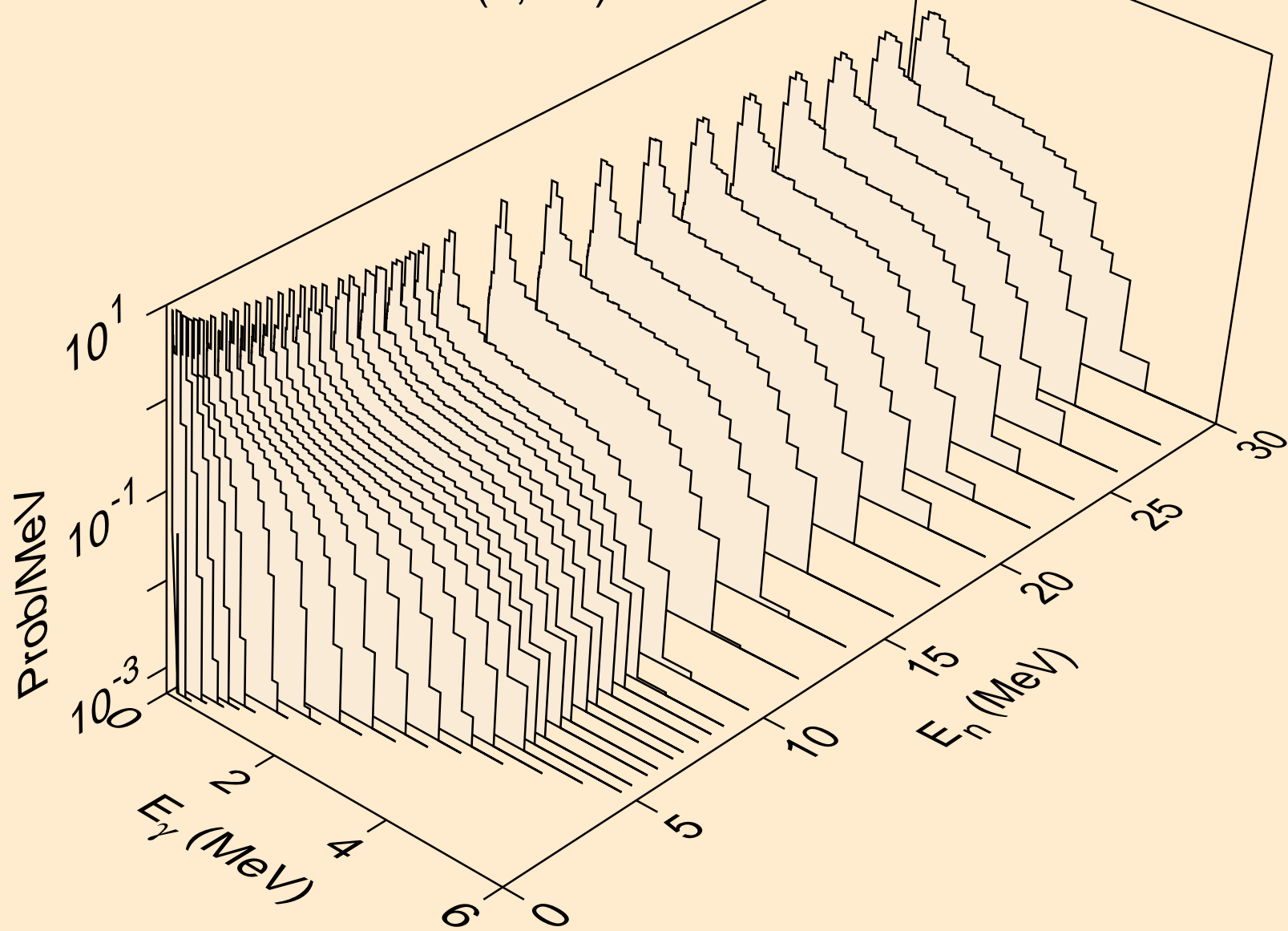




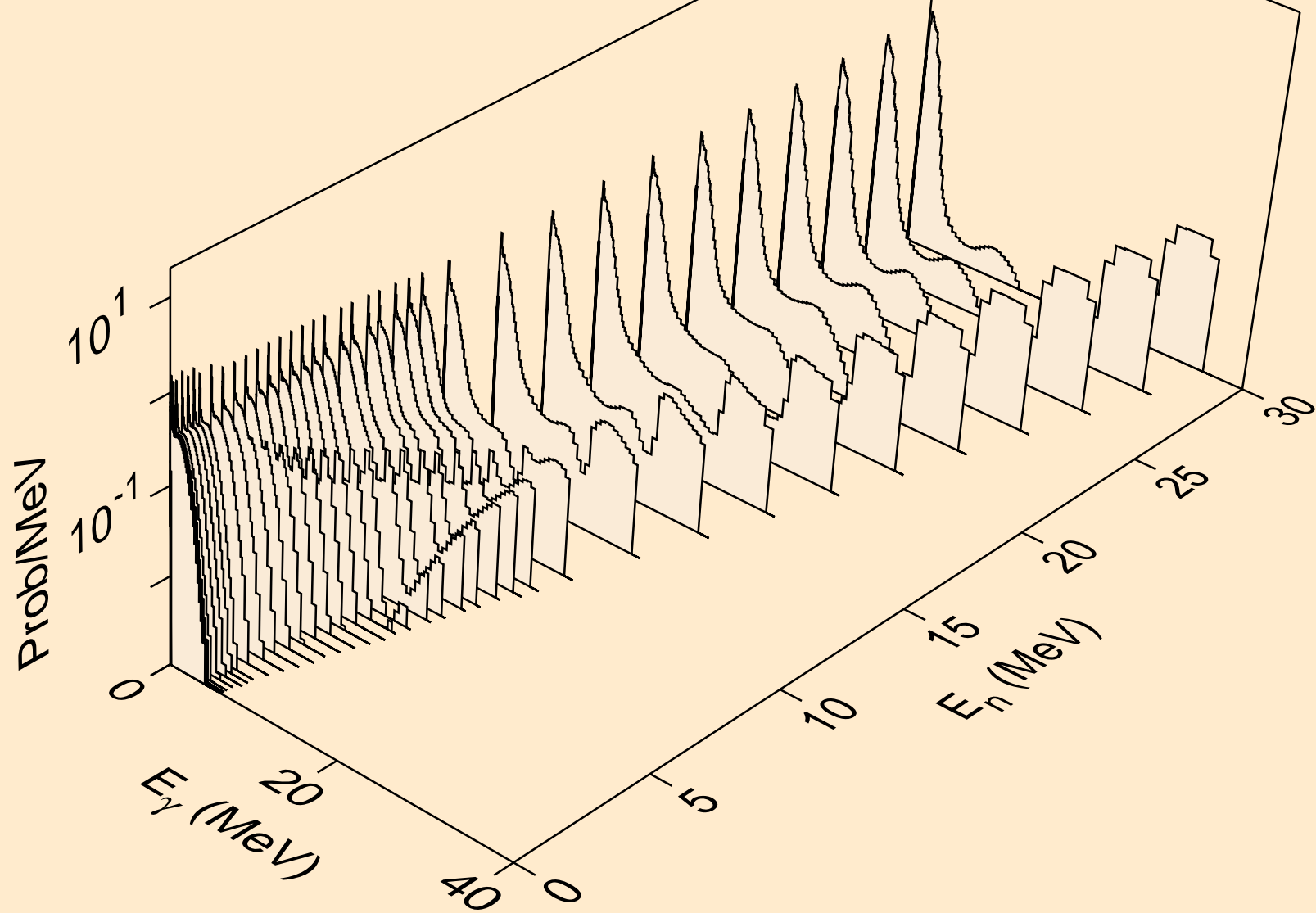
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



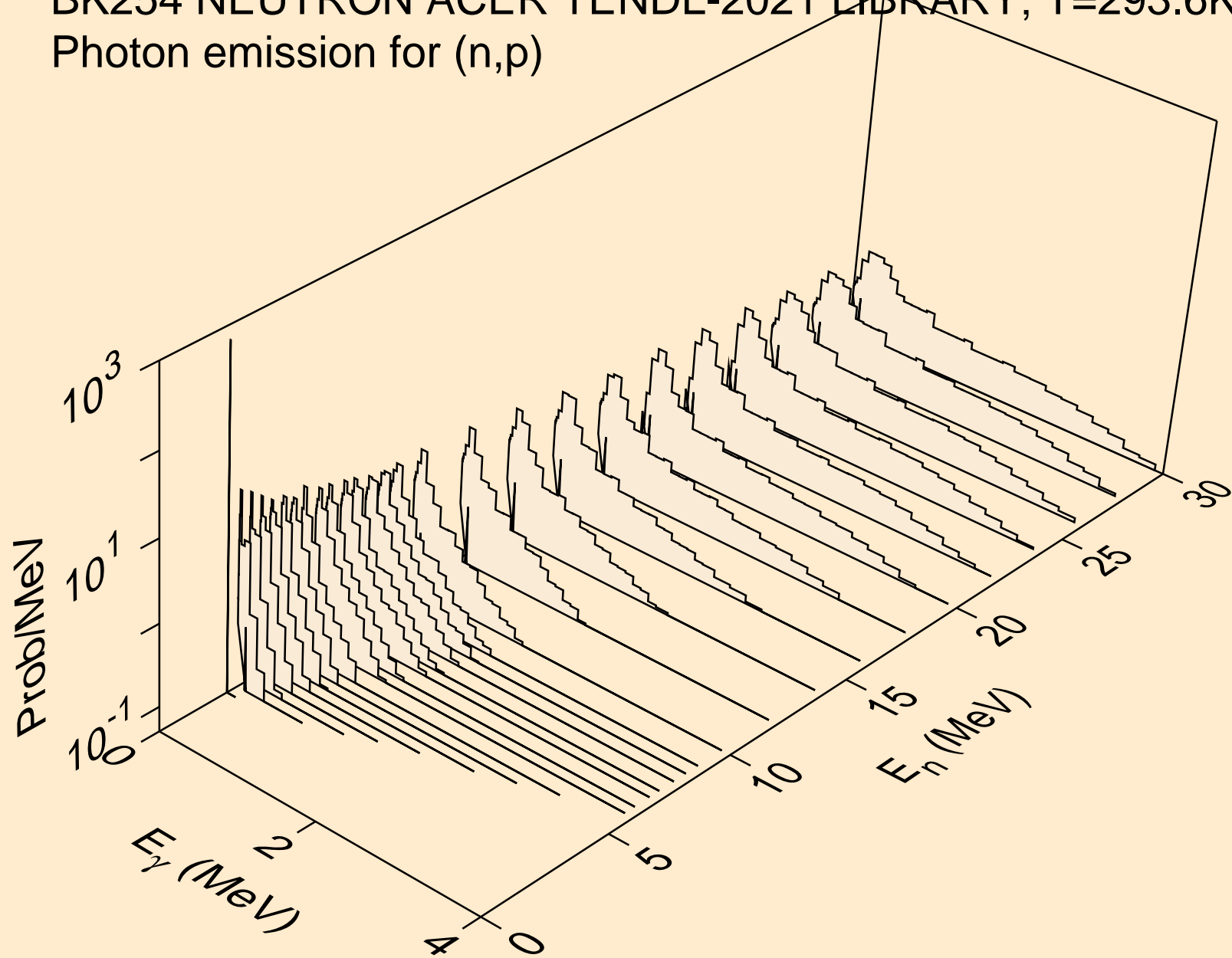
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



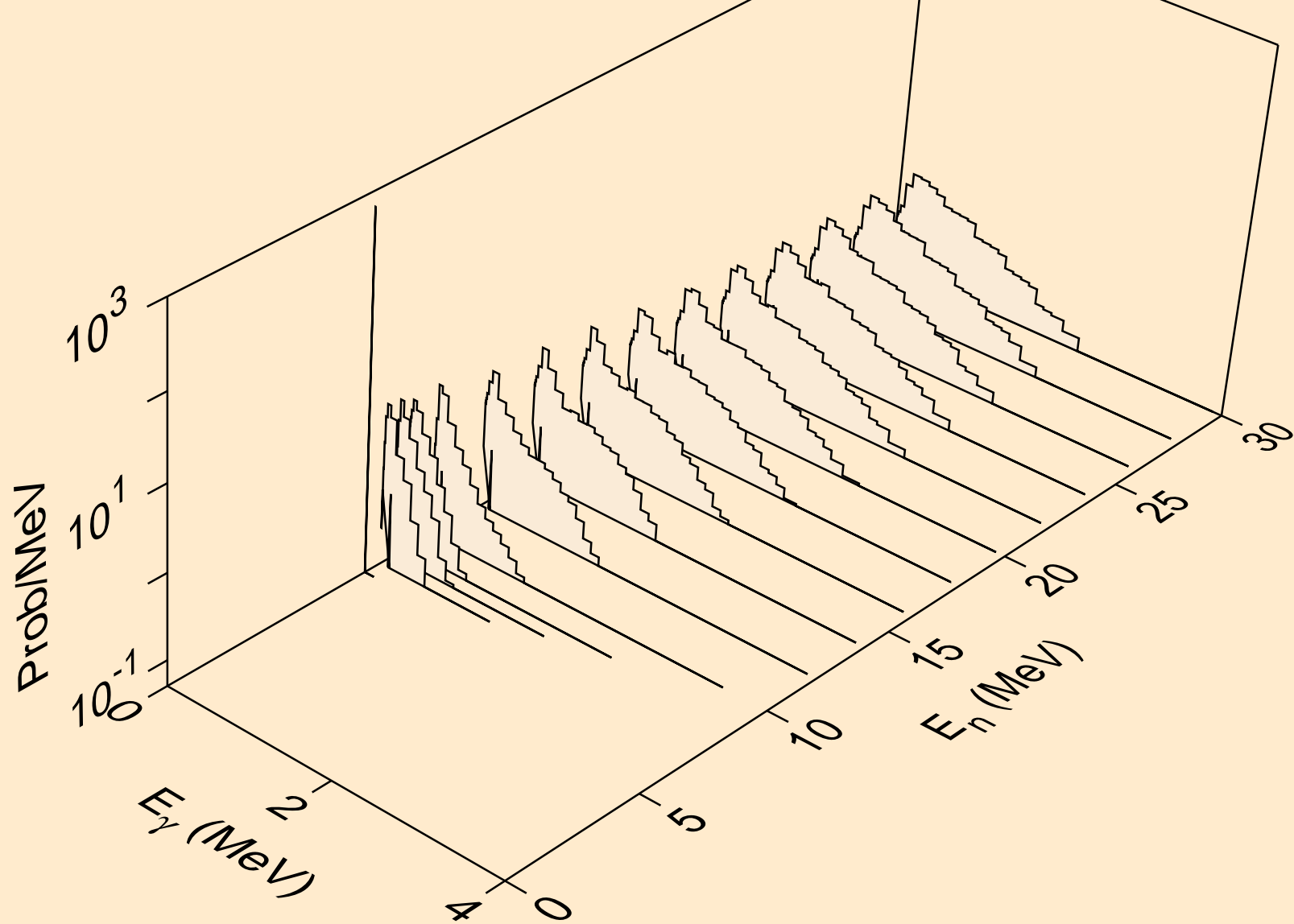
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



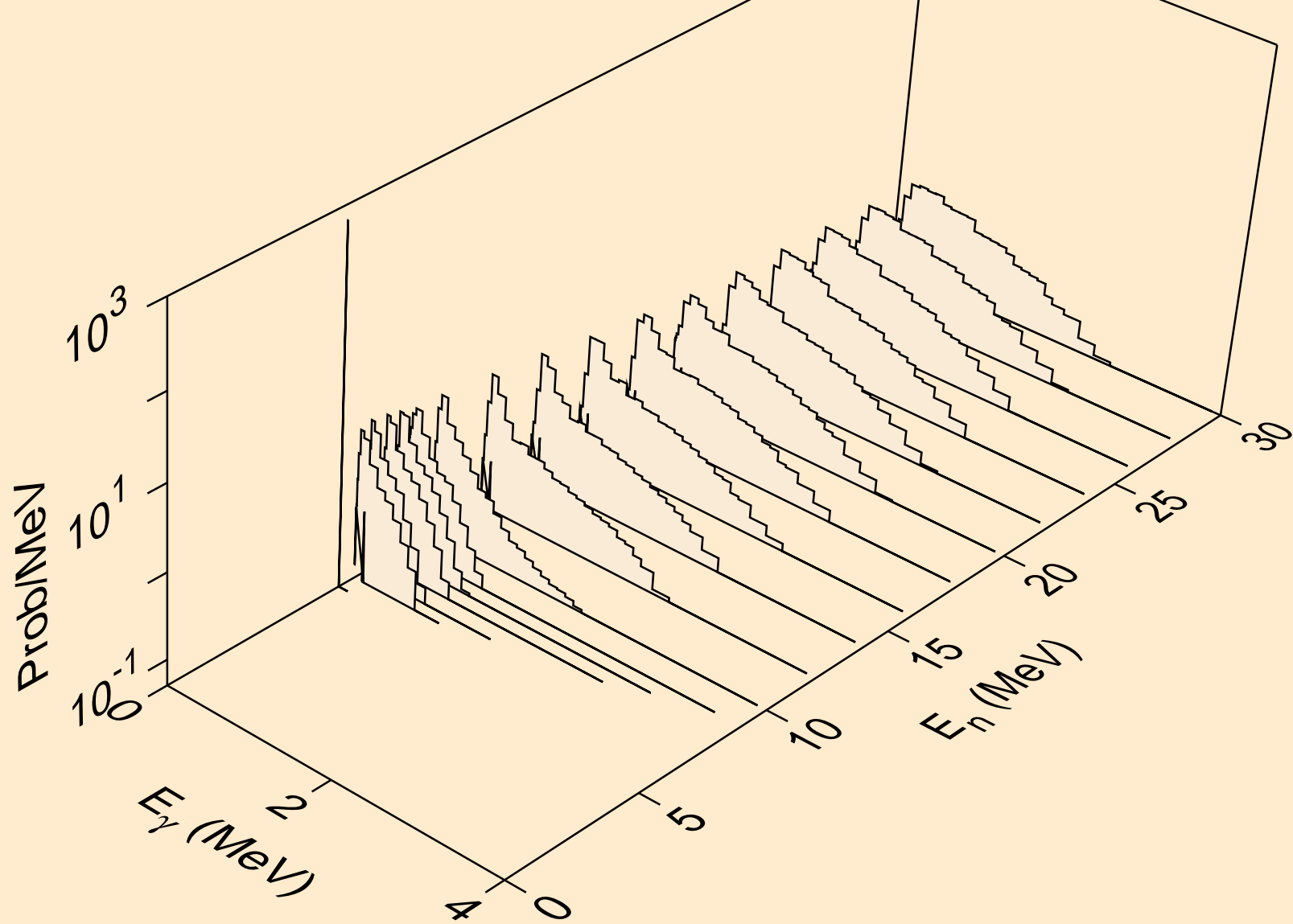
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



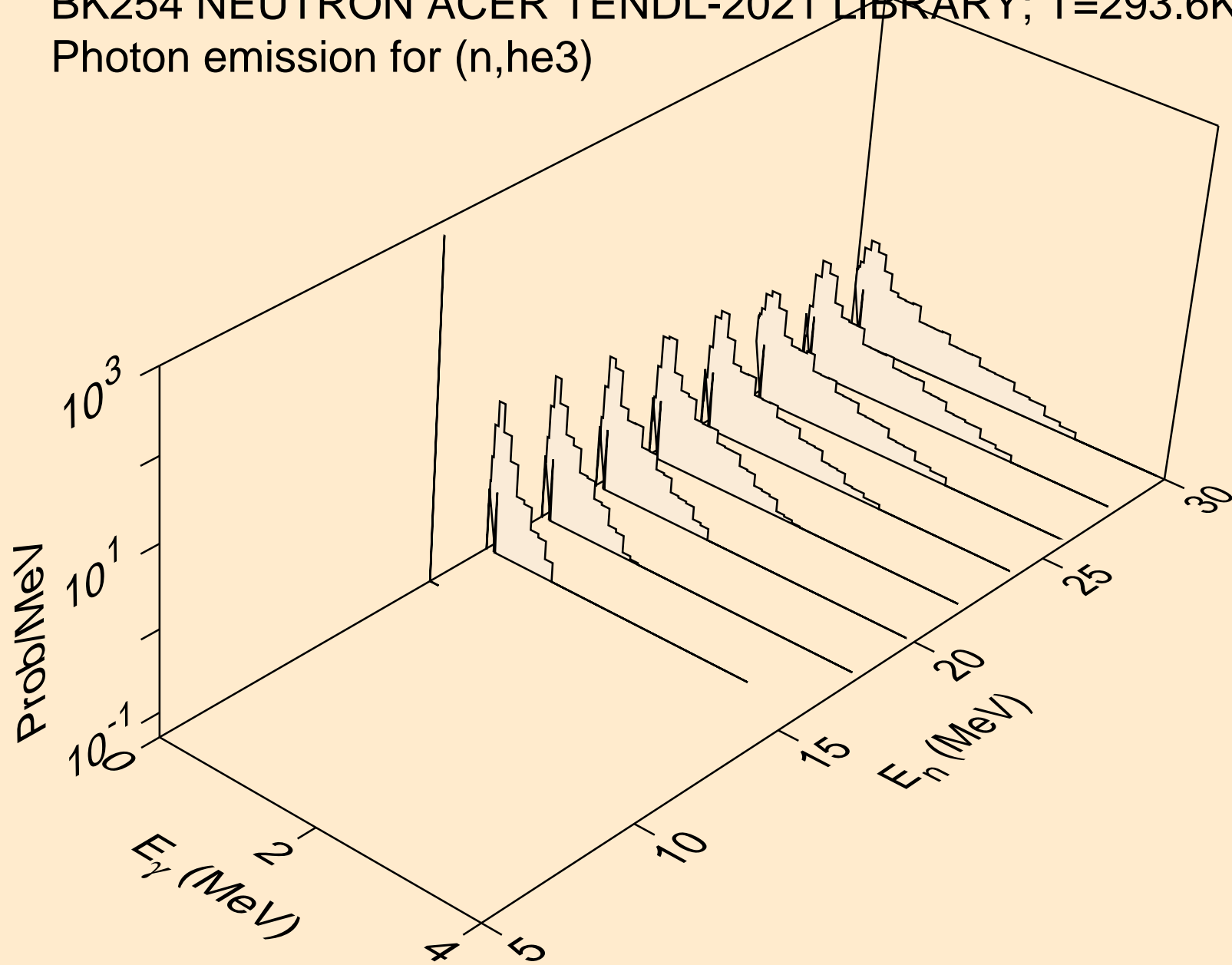
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



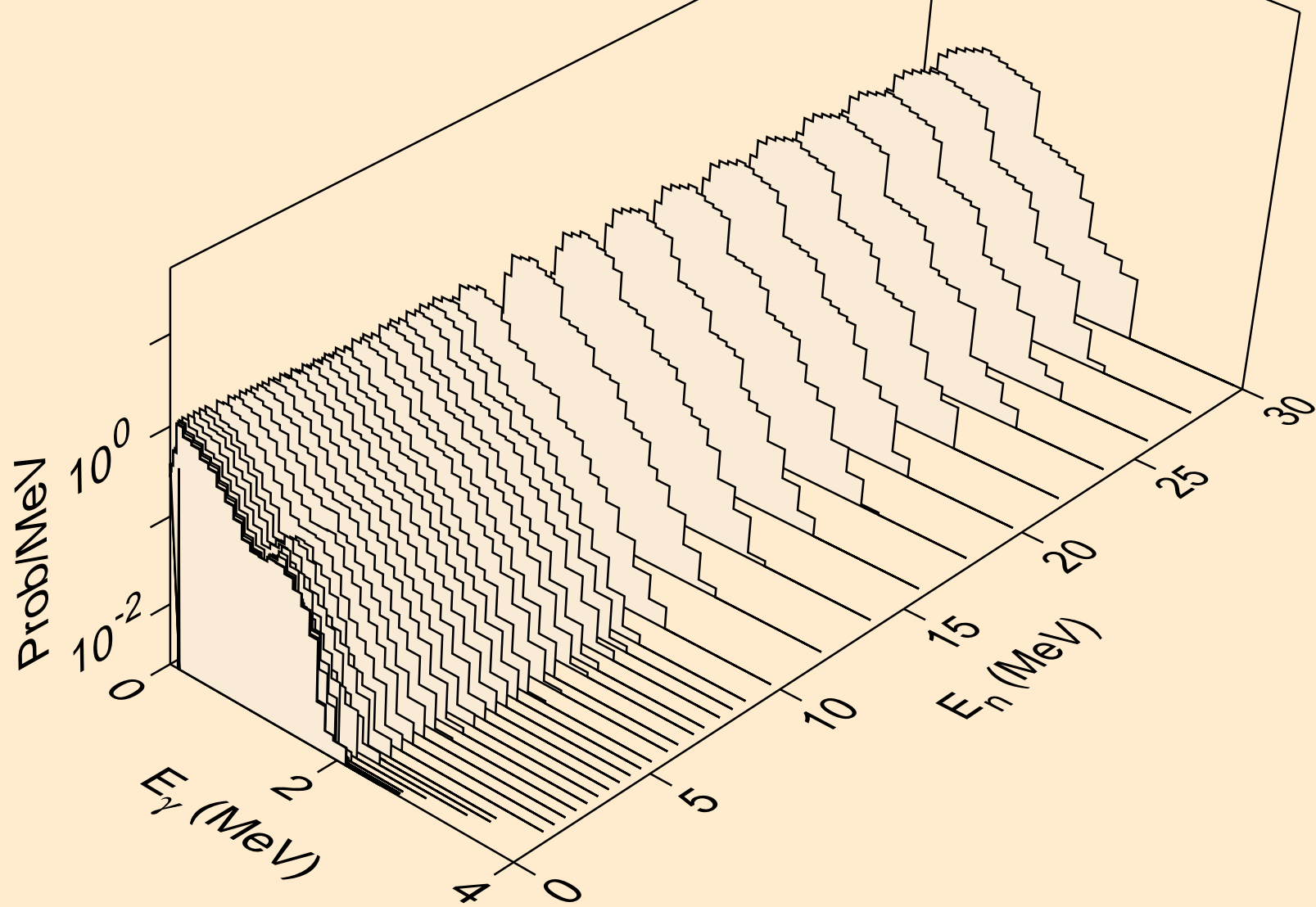
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

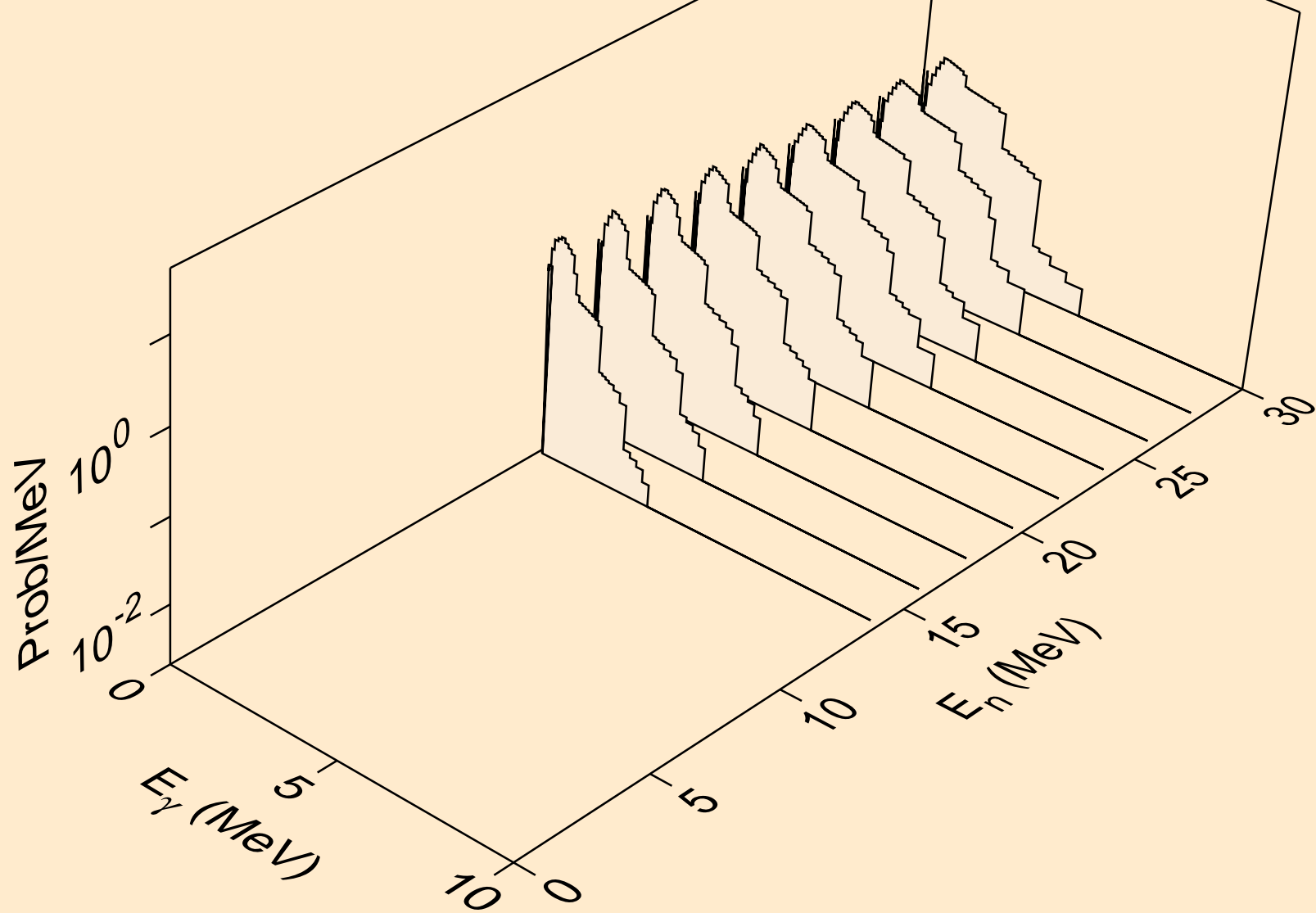


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

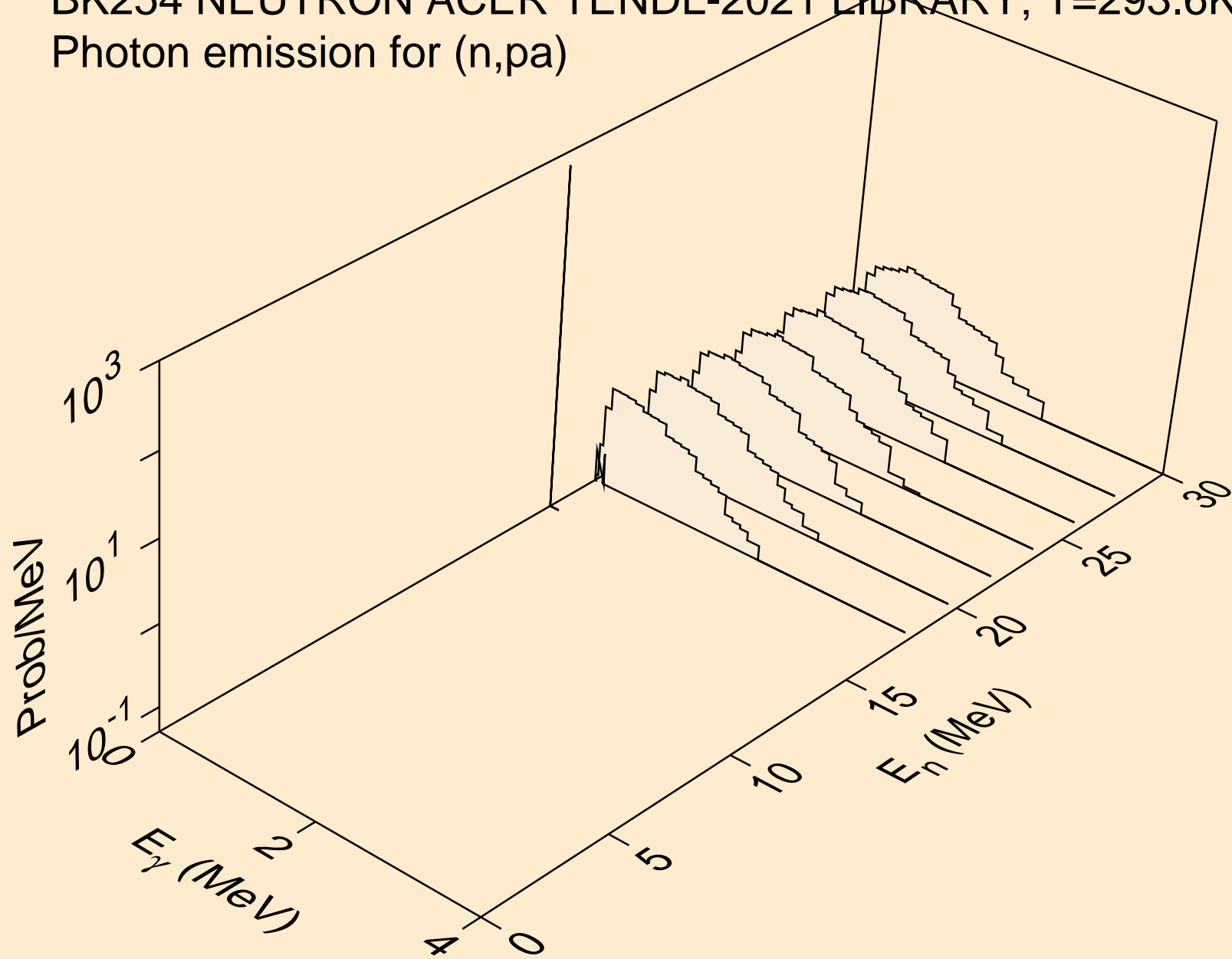




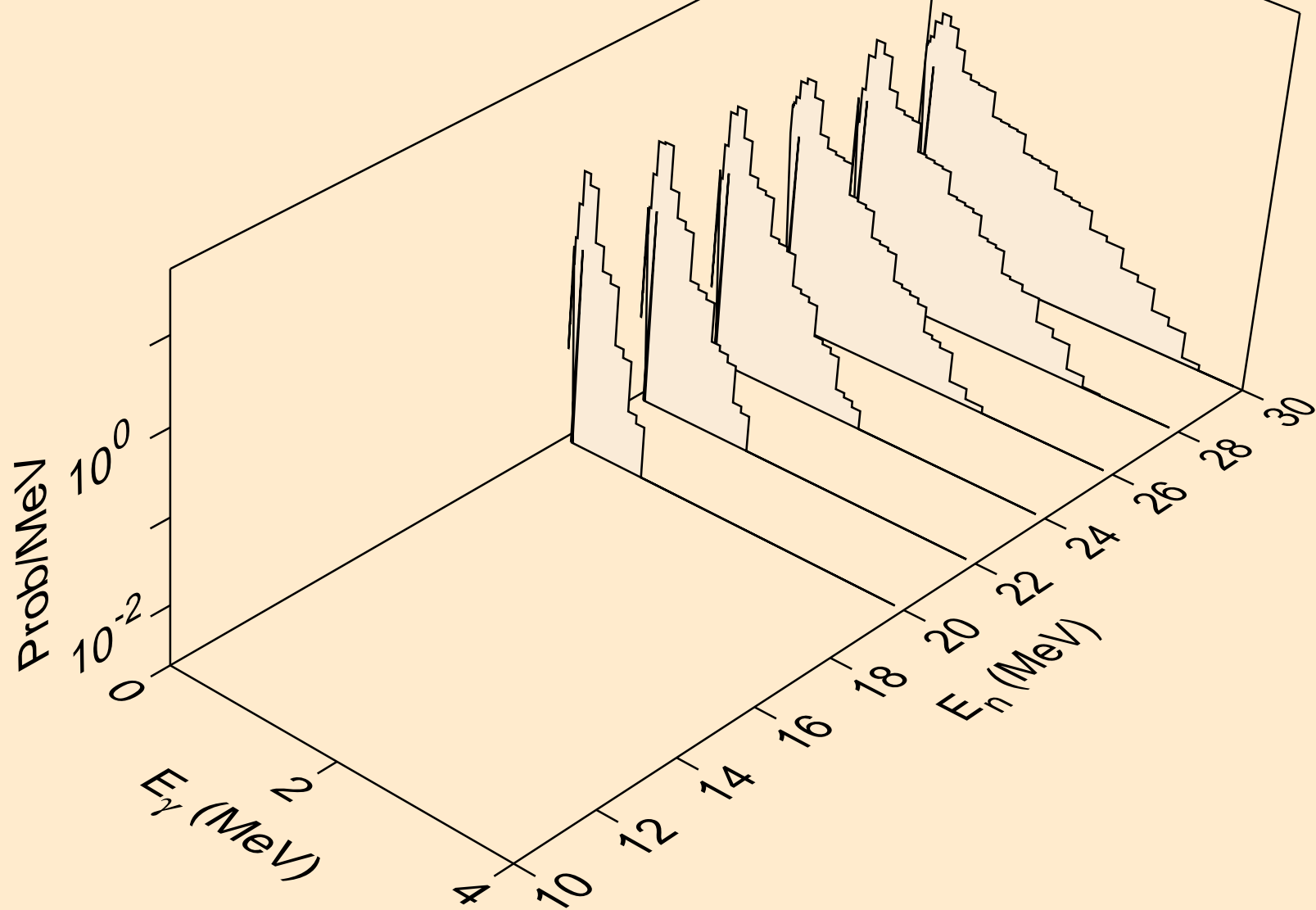
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



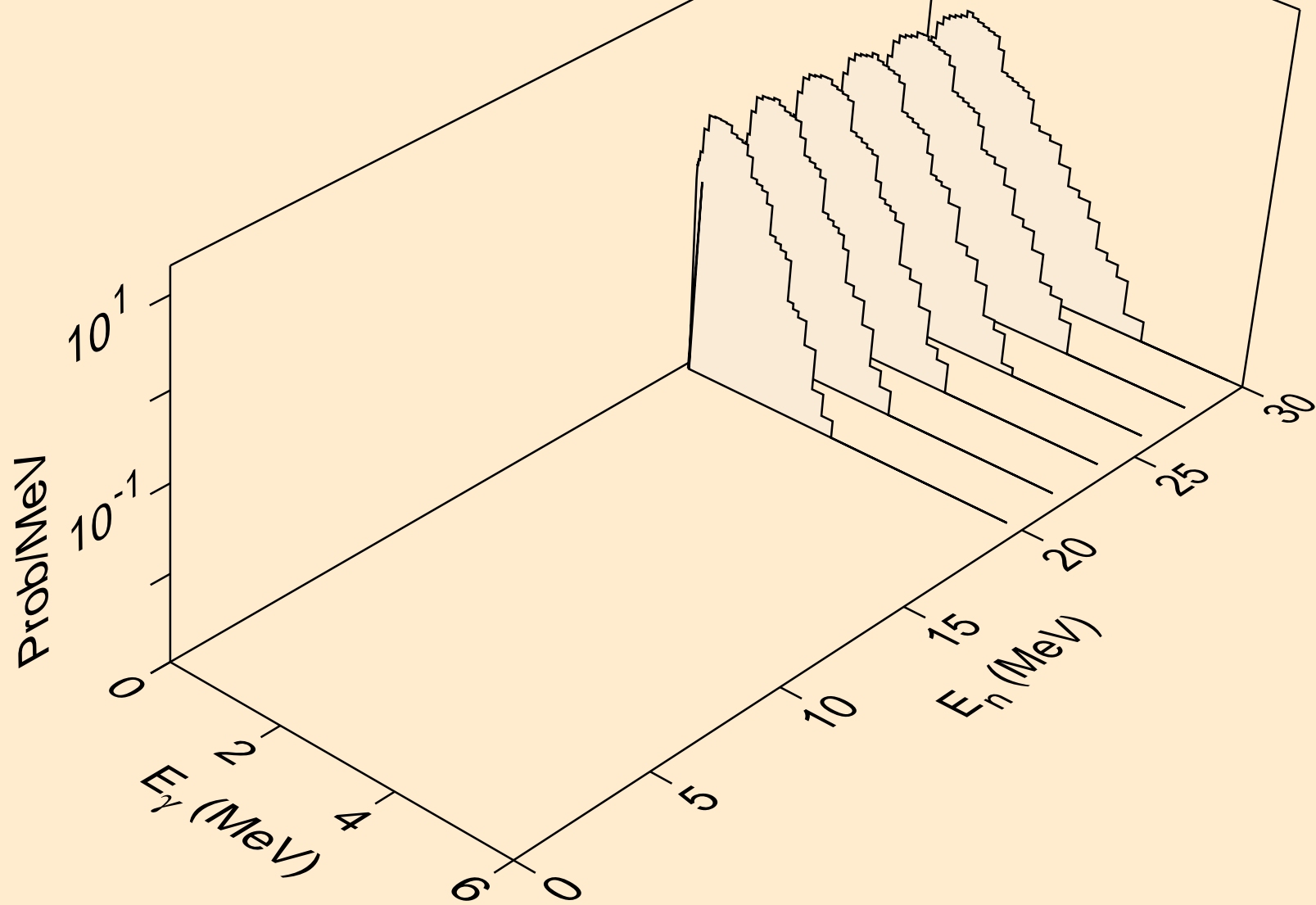
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



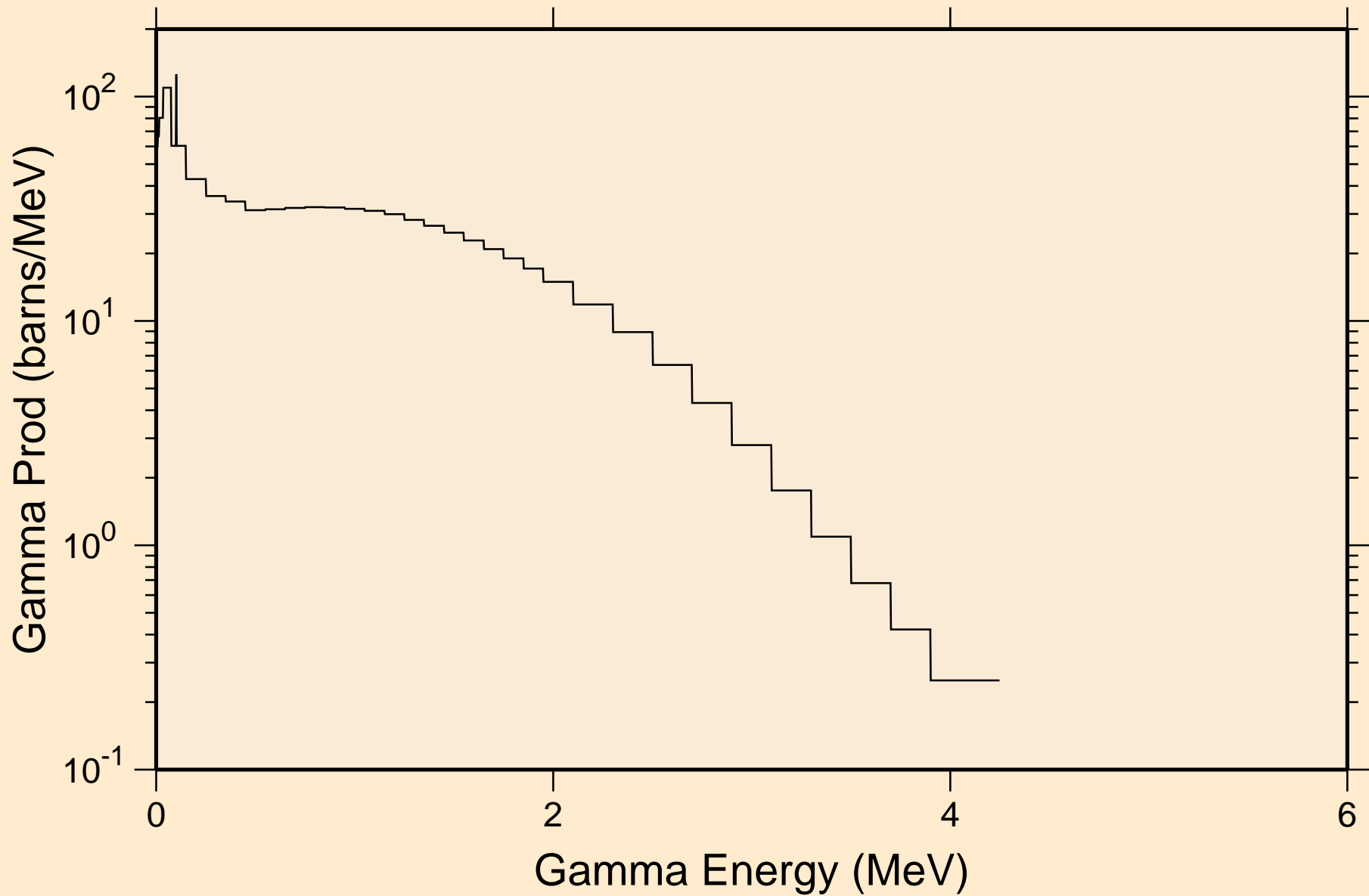
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



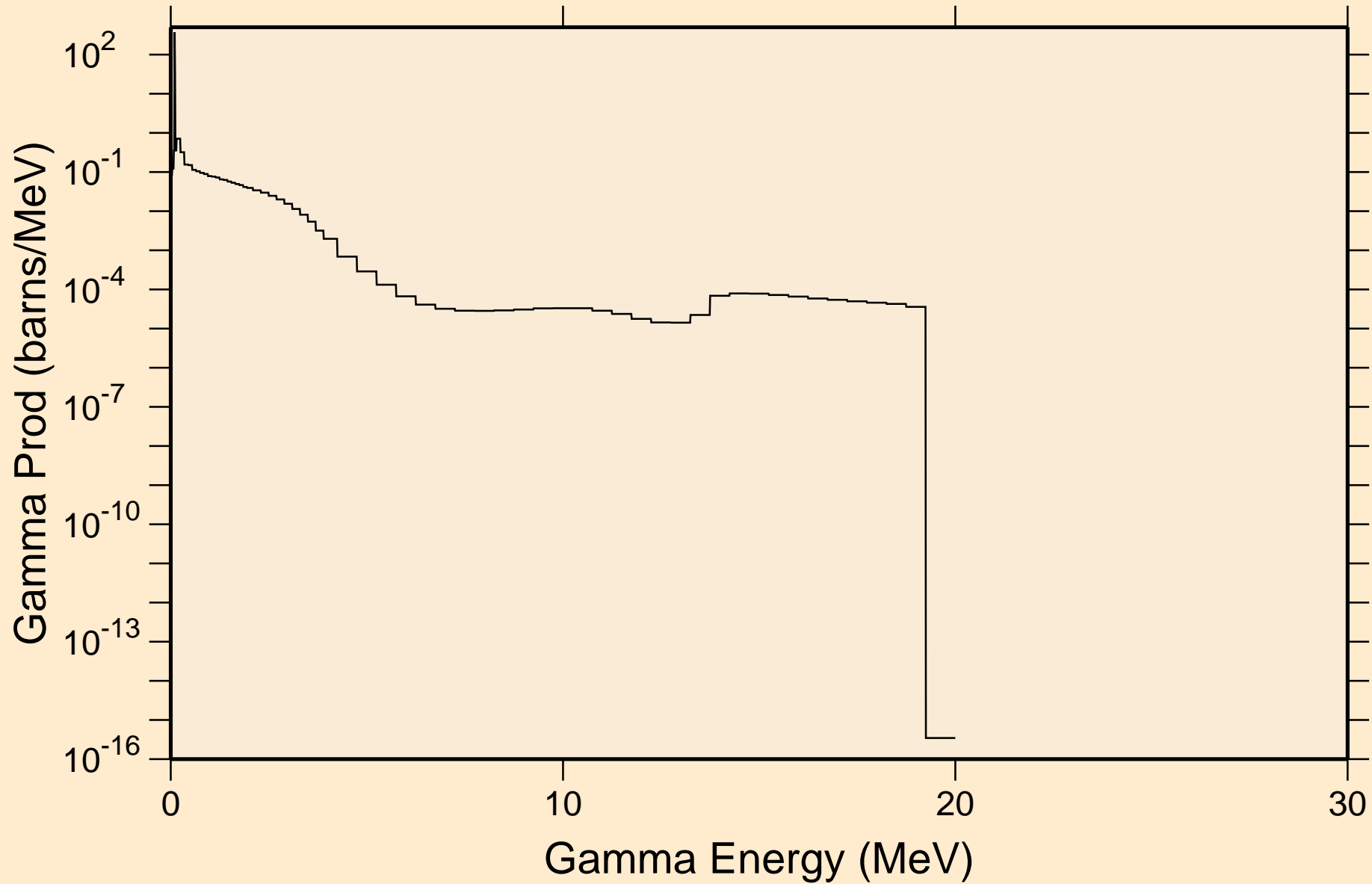
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

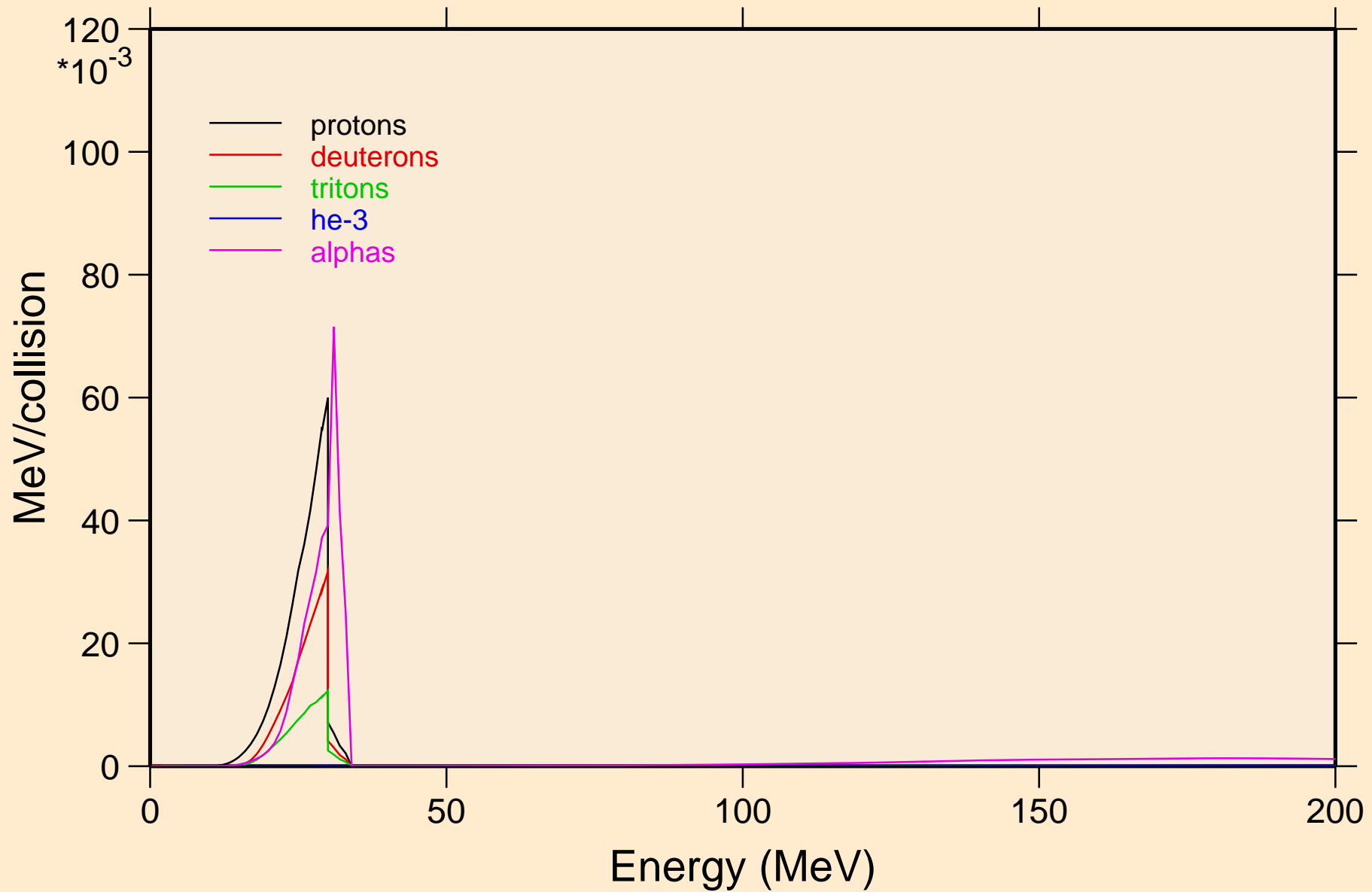


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

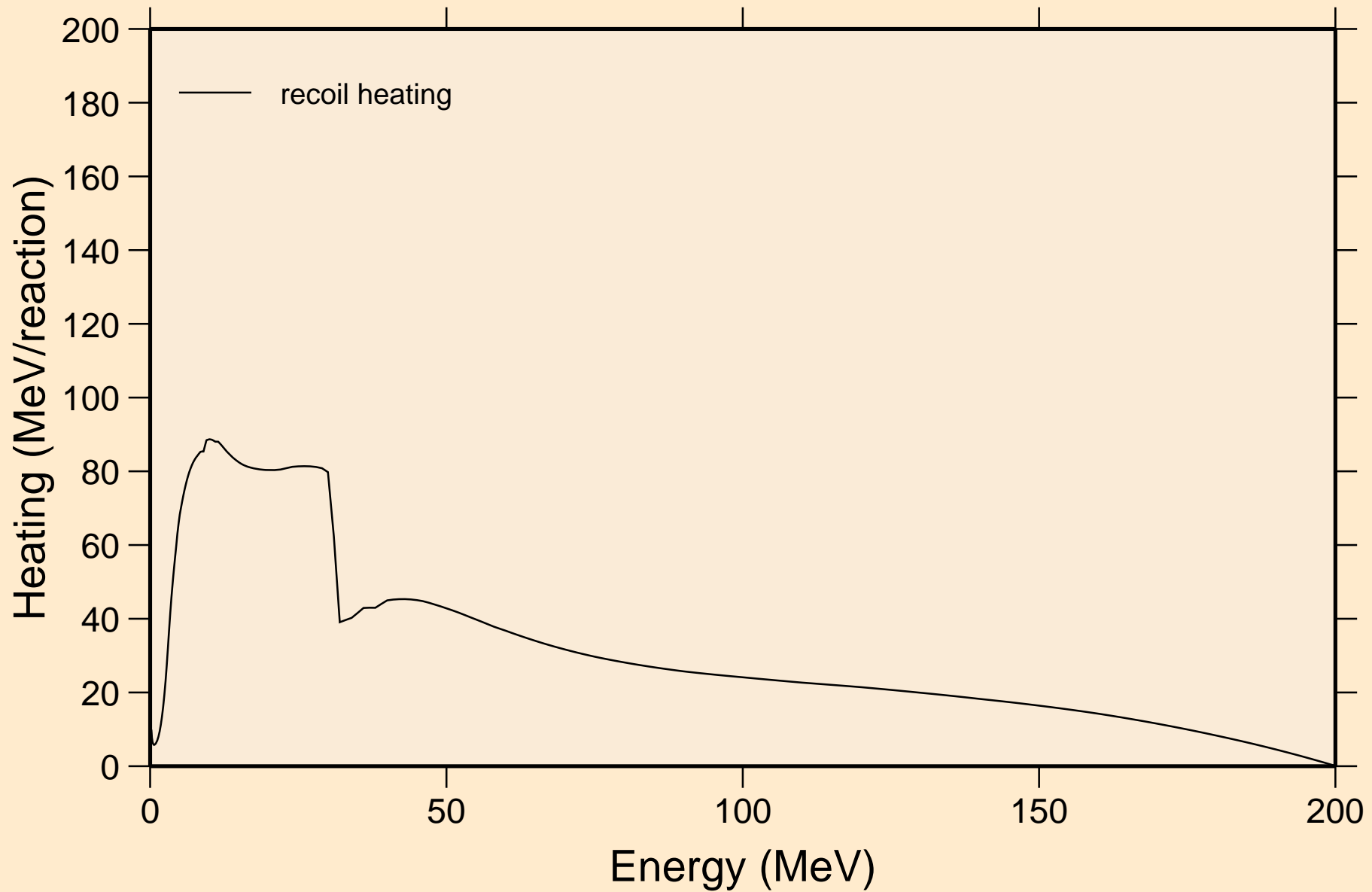


# BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

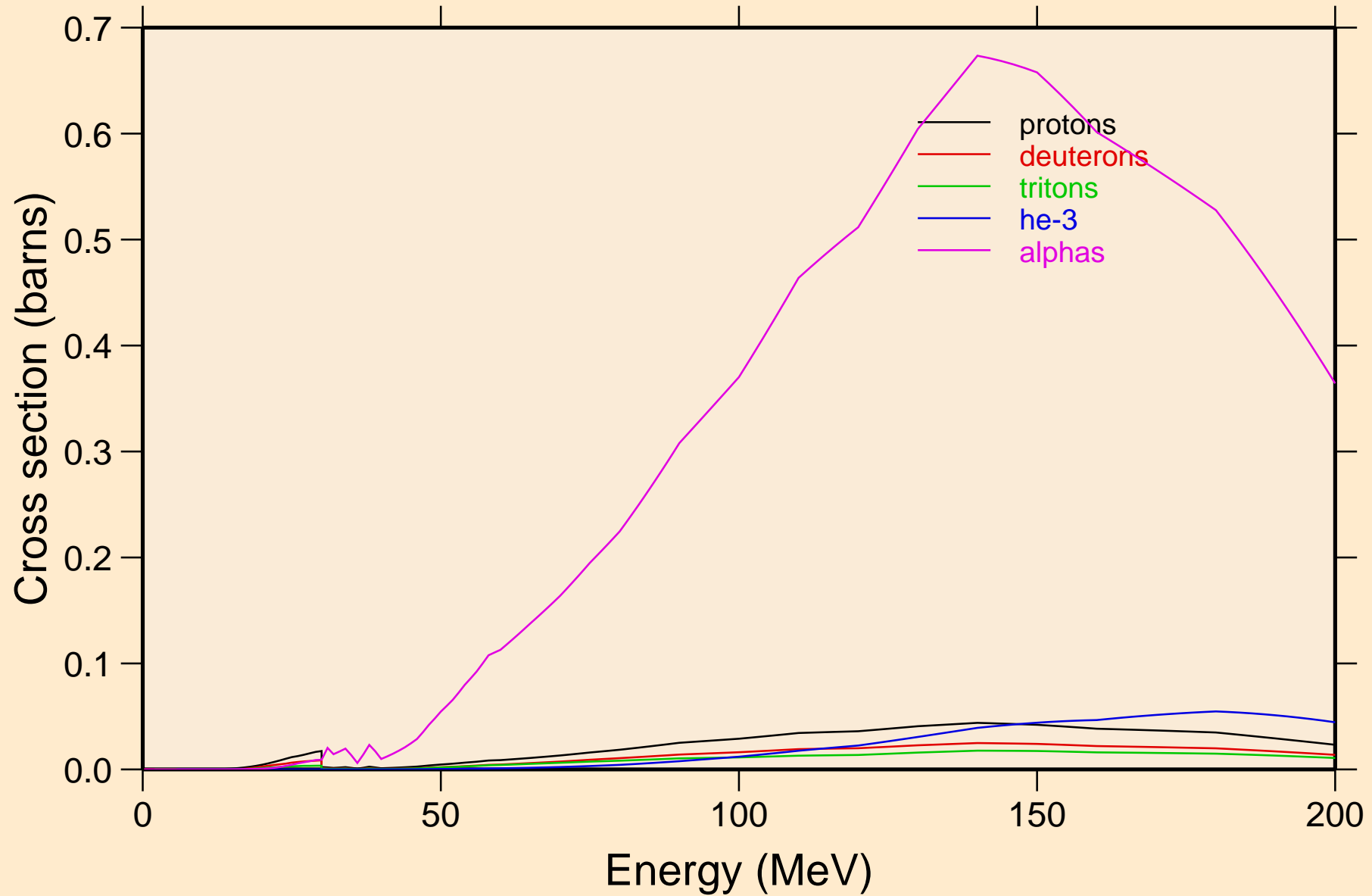


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

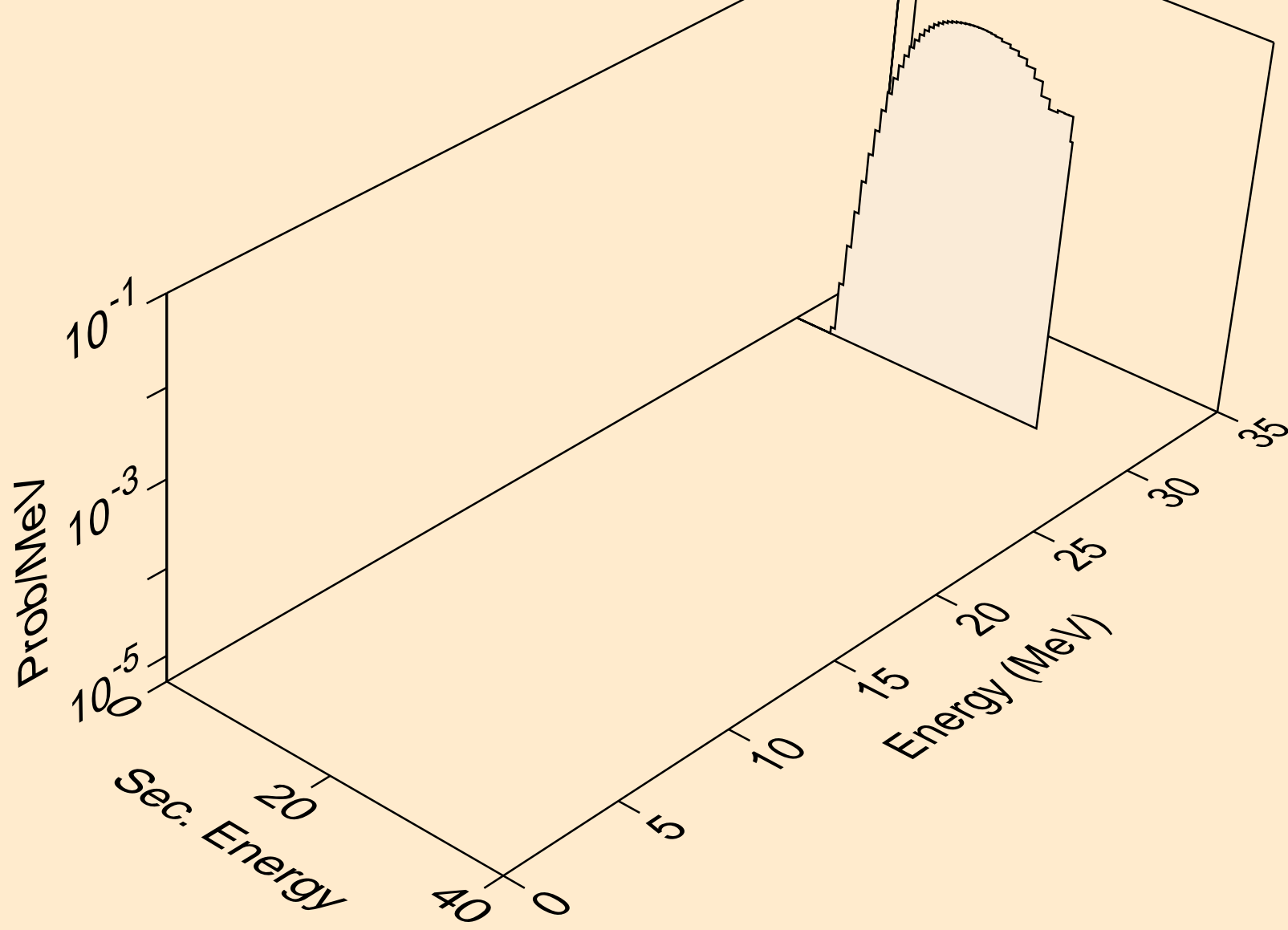




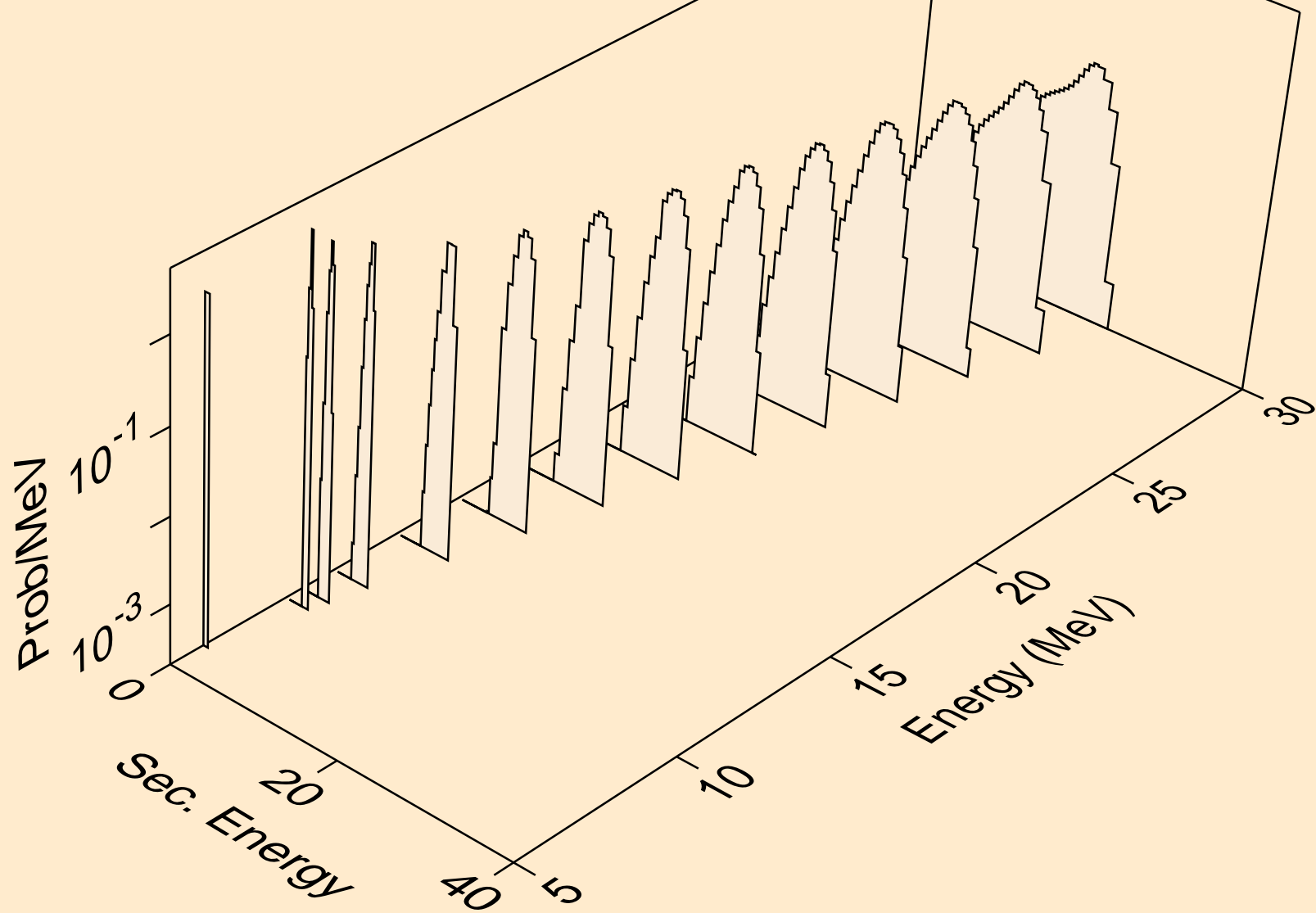
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



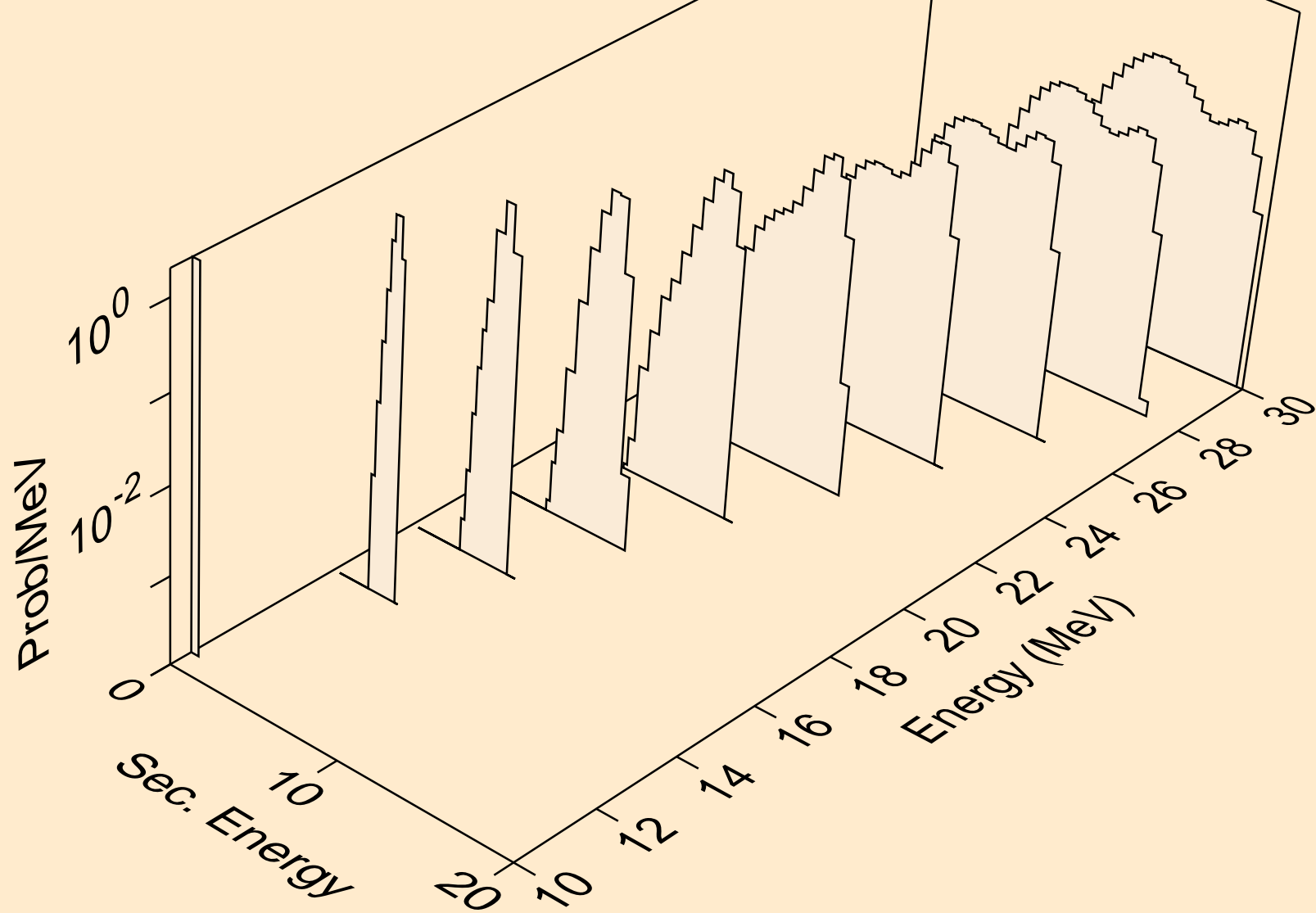
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



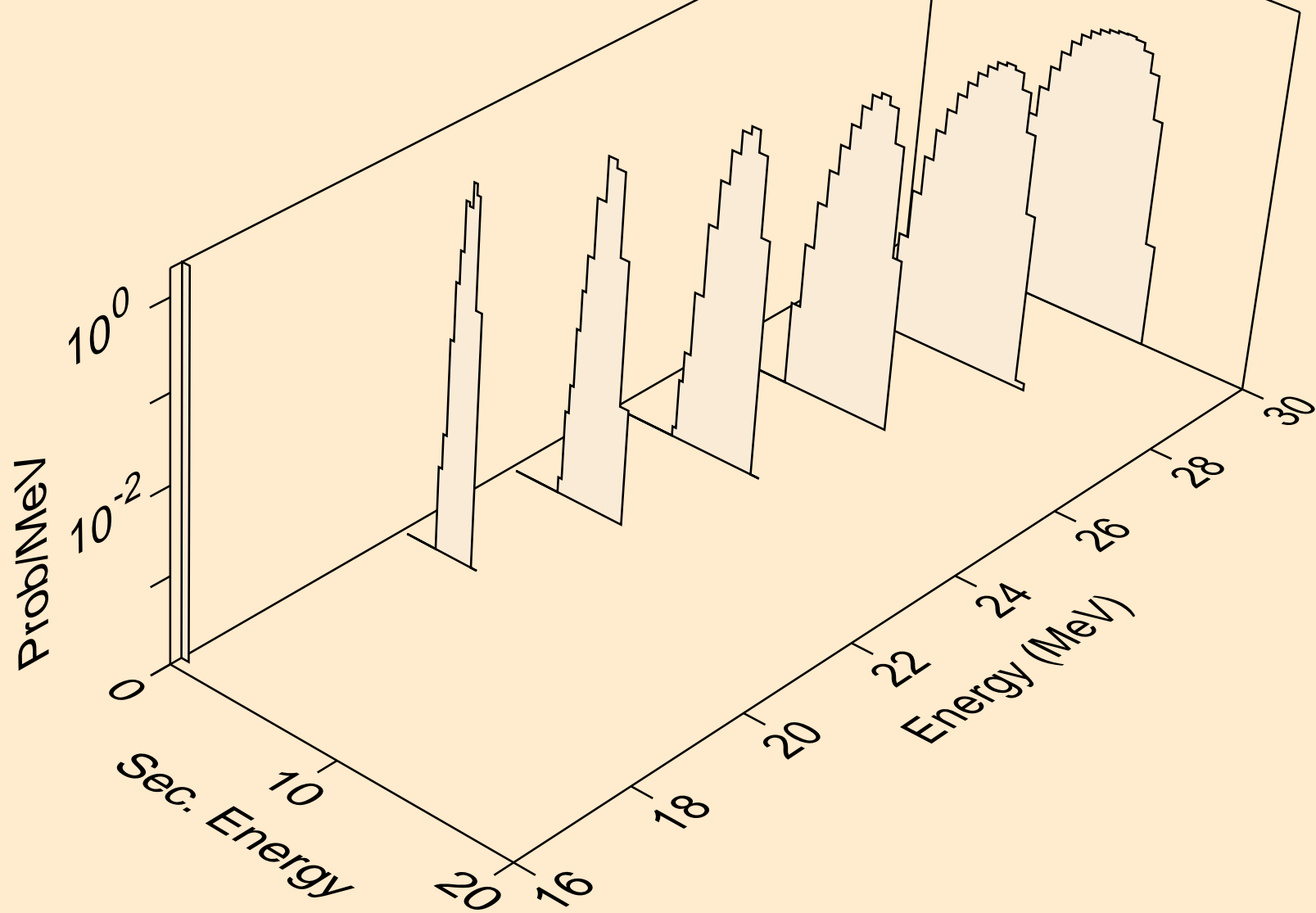
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



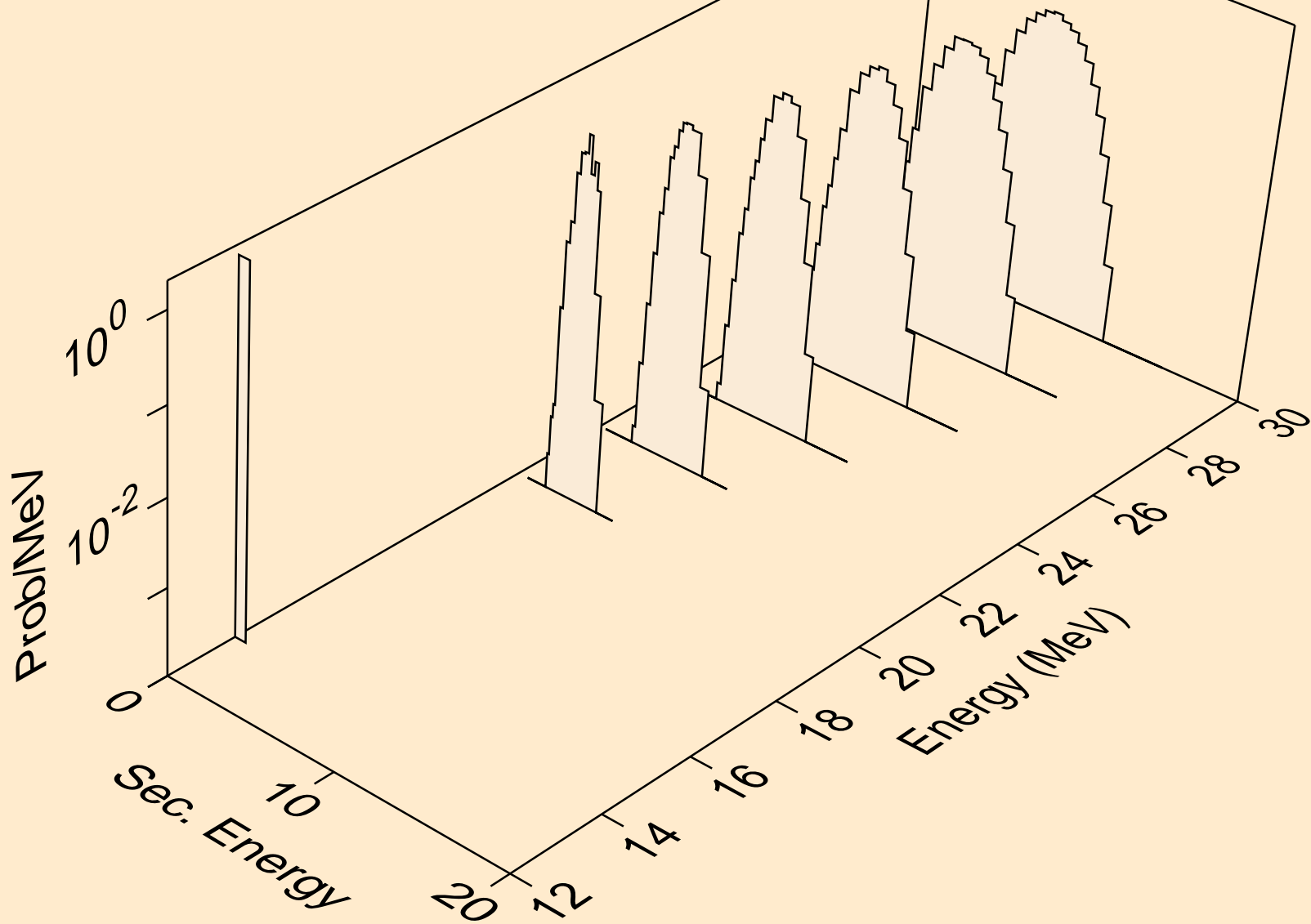
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



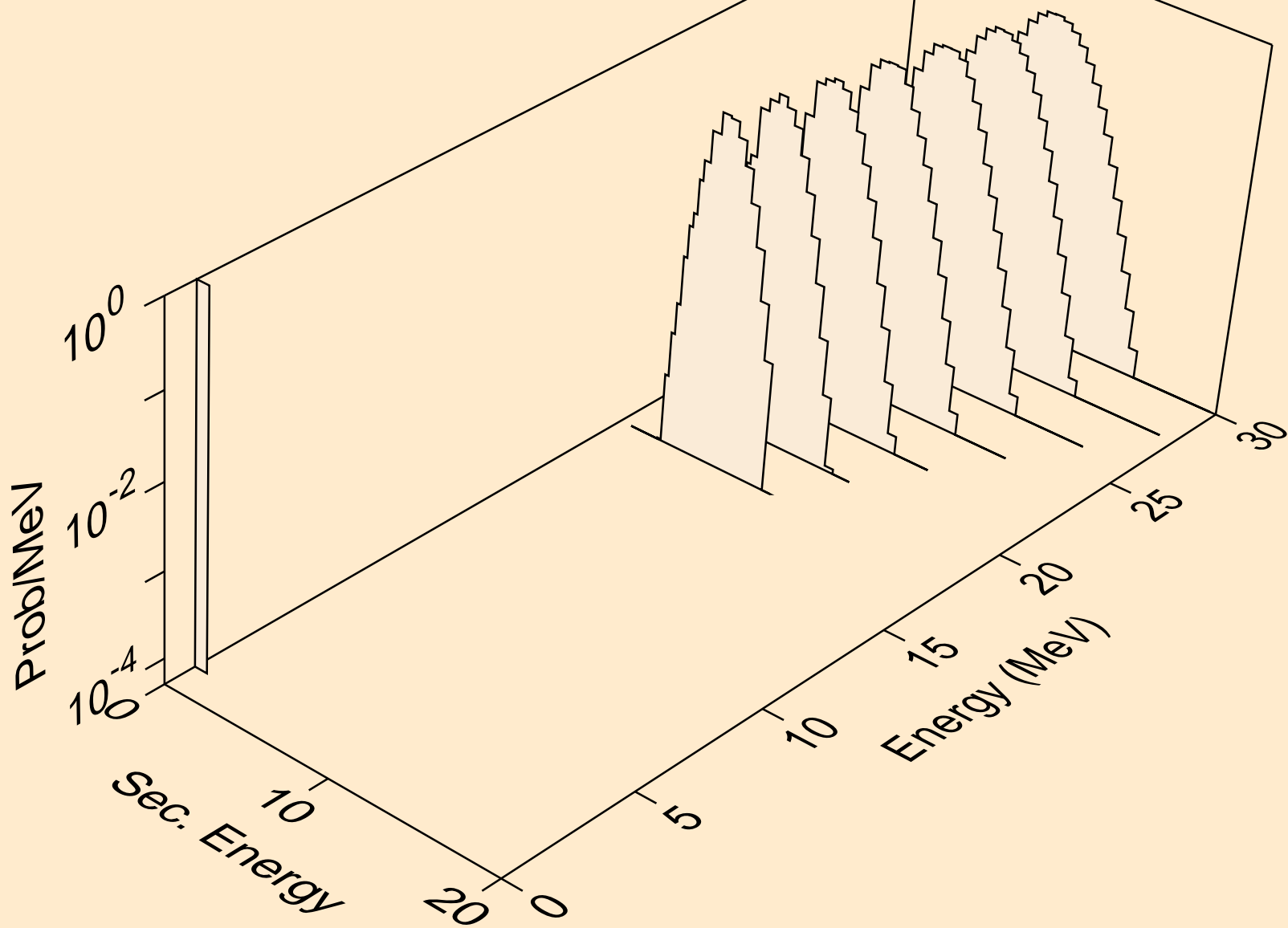
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



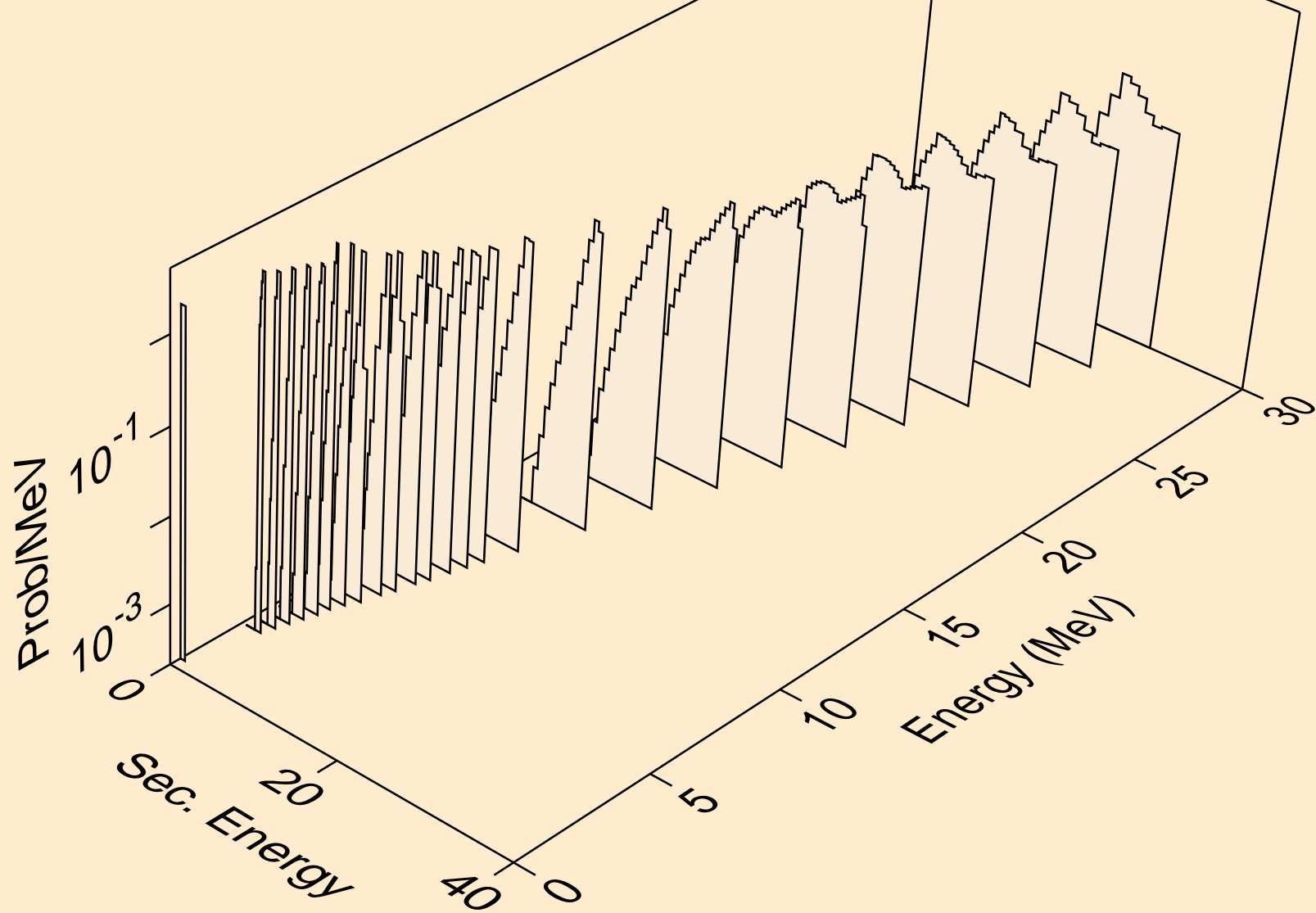
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

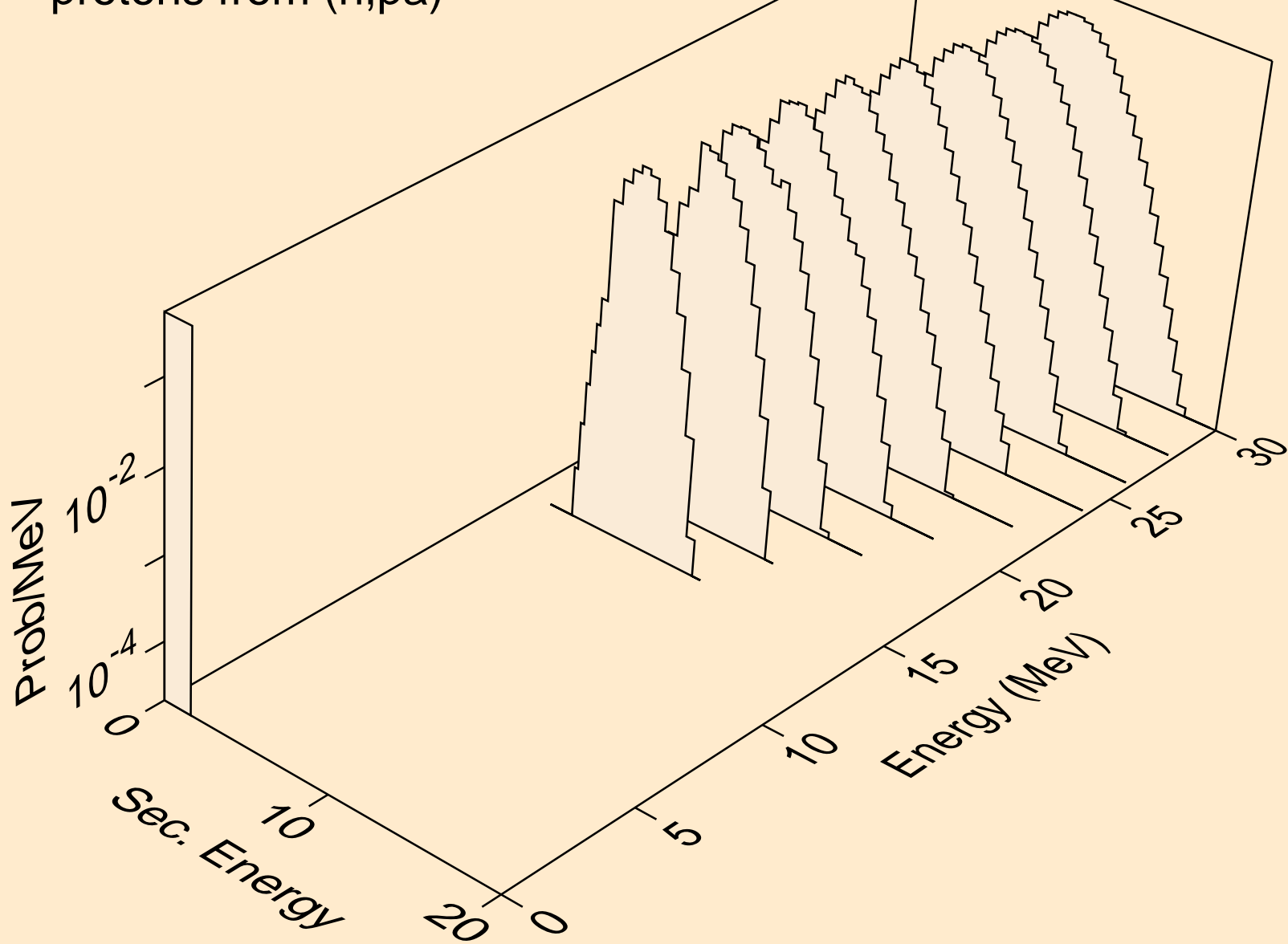


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protons from (n,p)

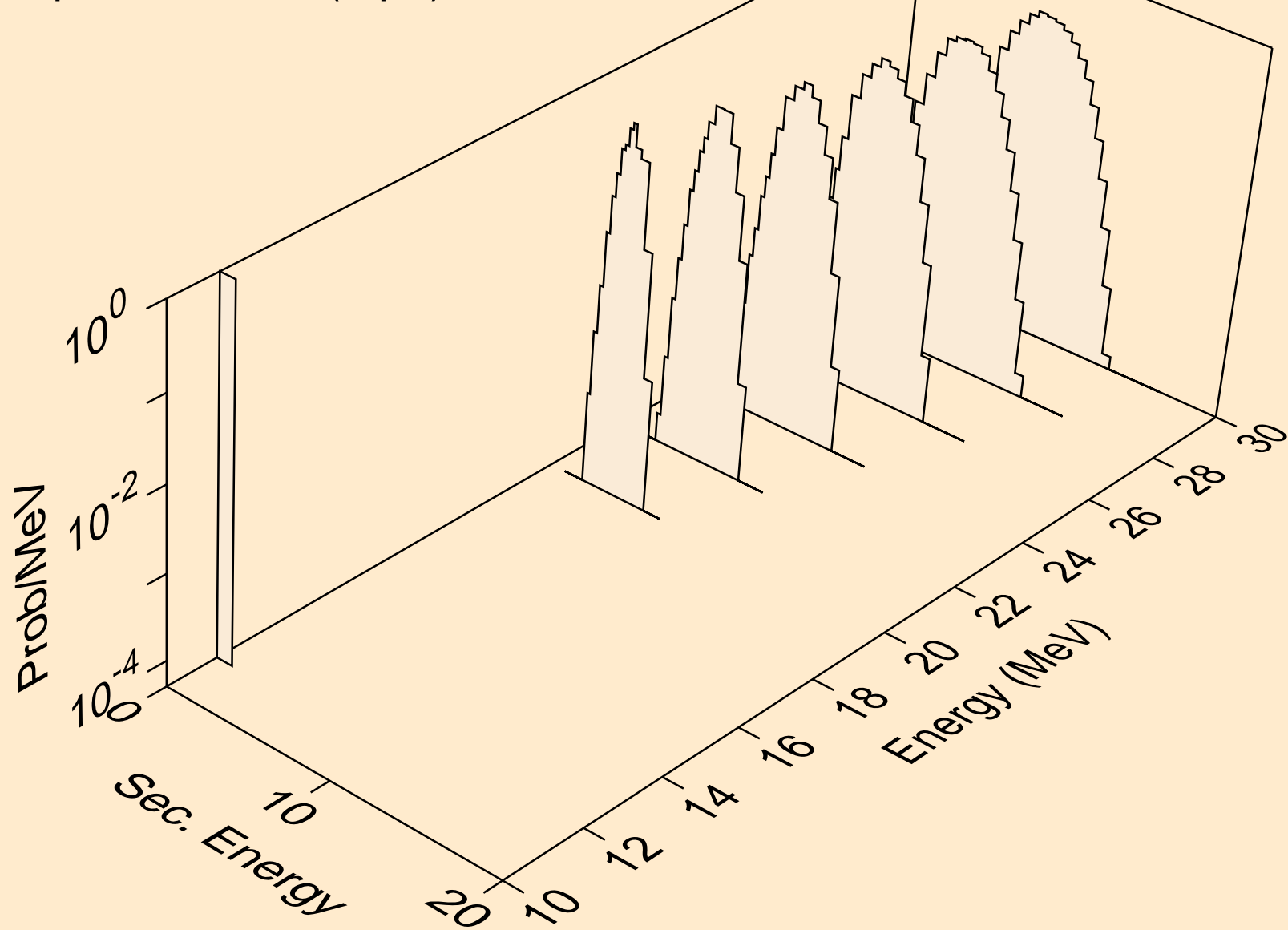




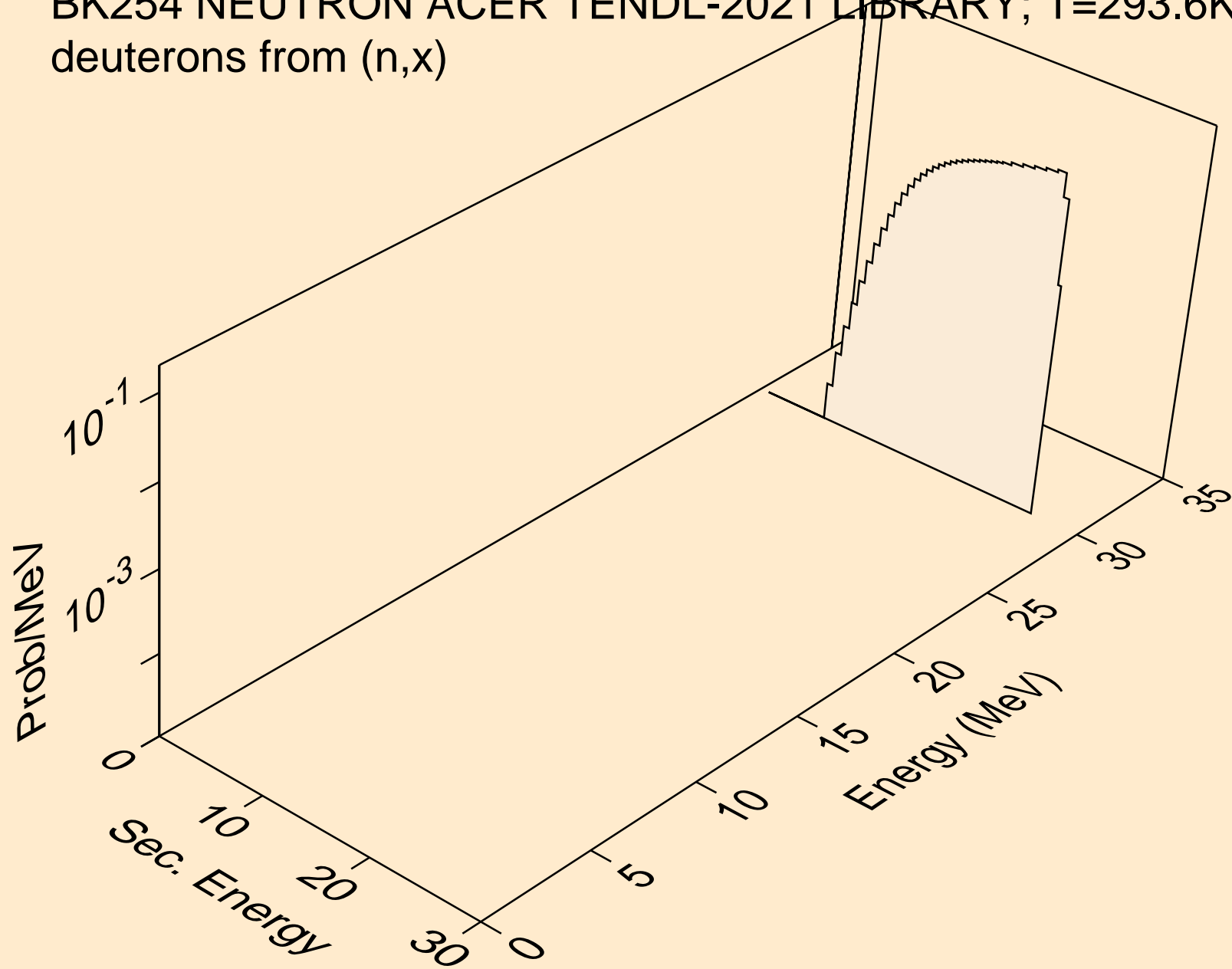
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protons from (n,p)



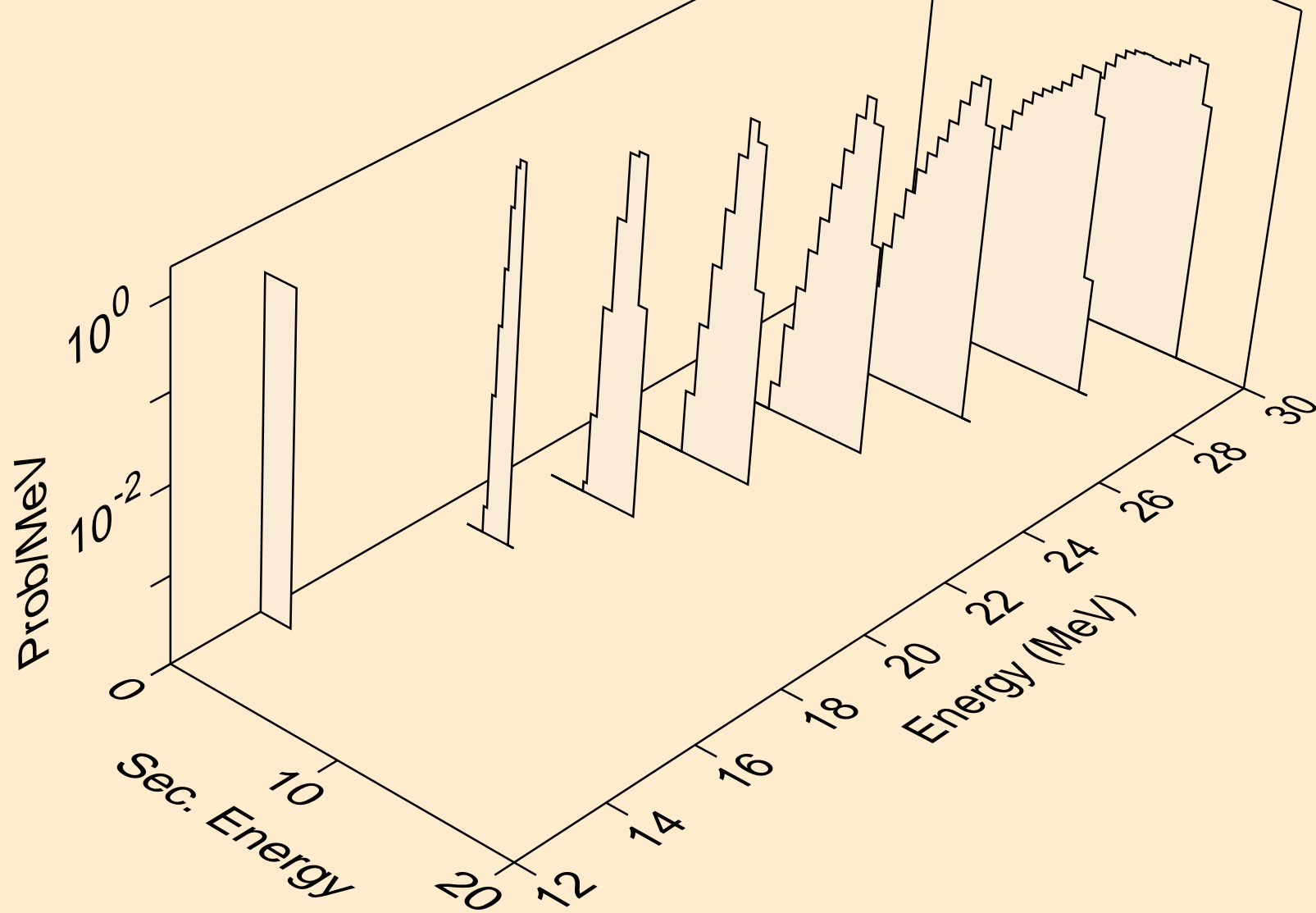
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protons from (n,pd)



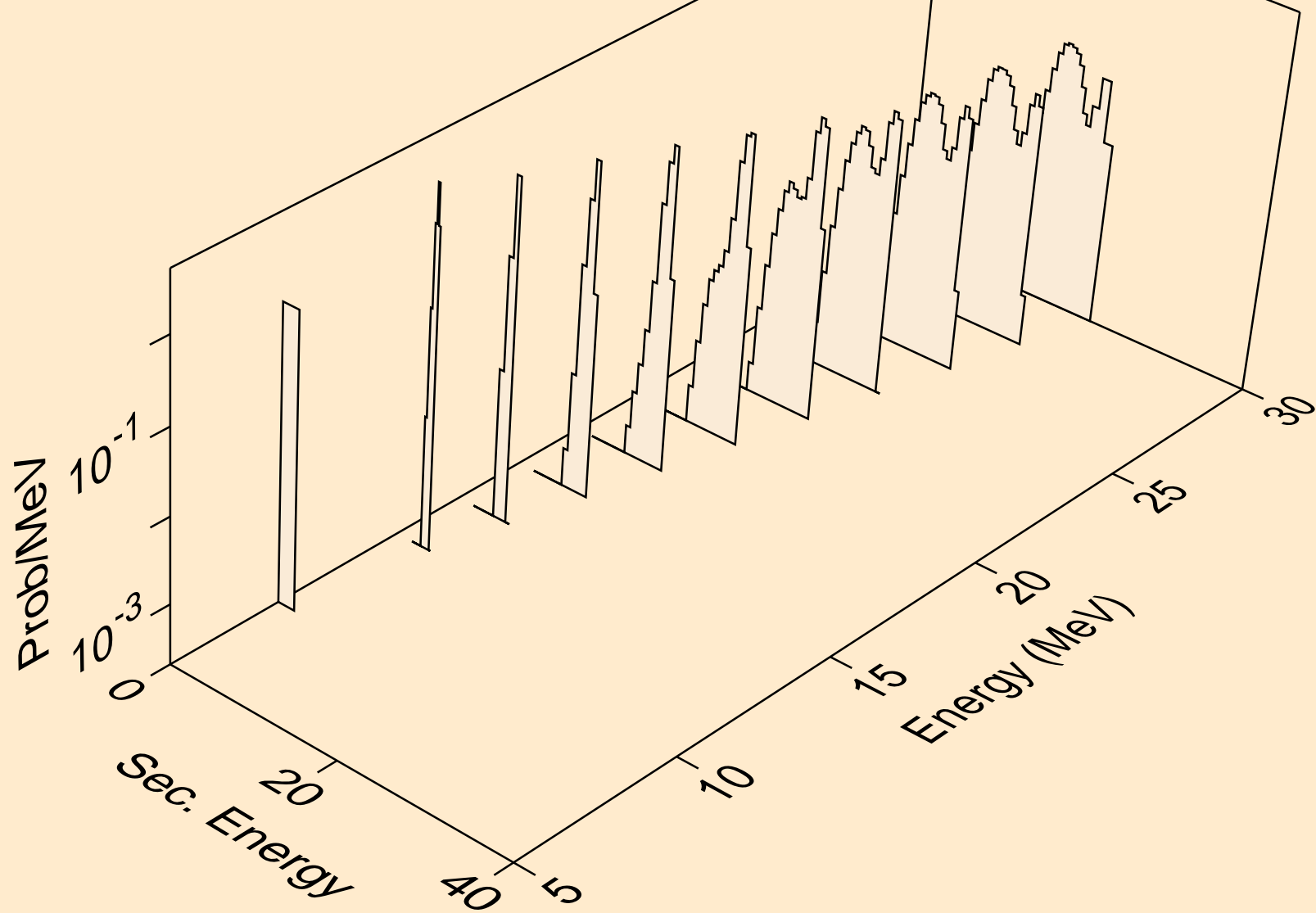
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



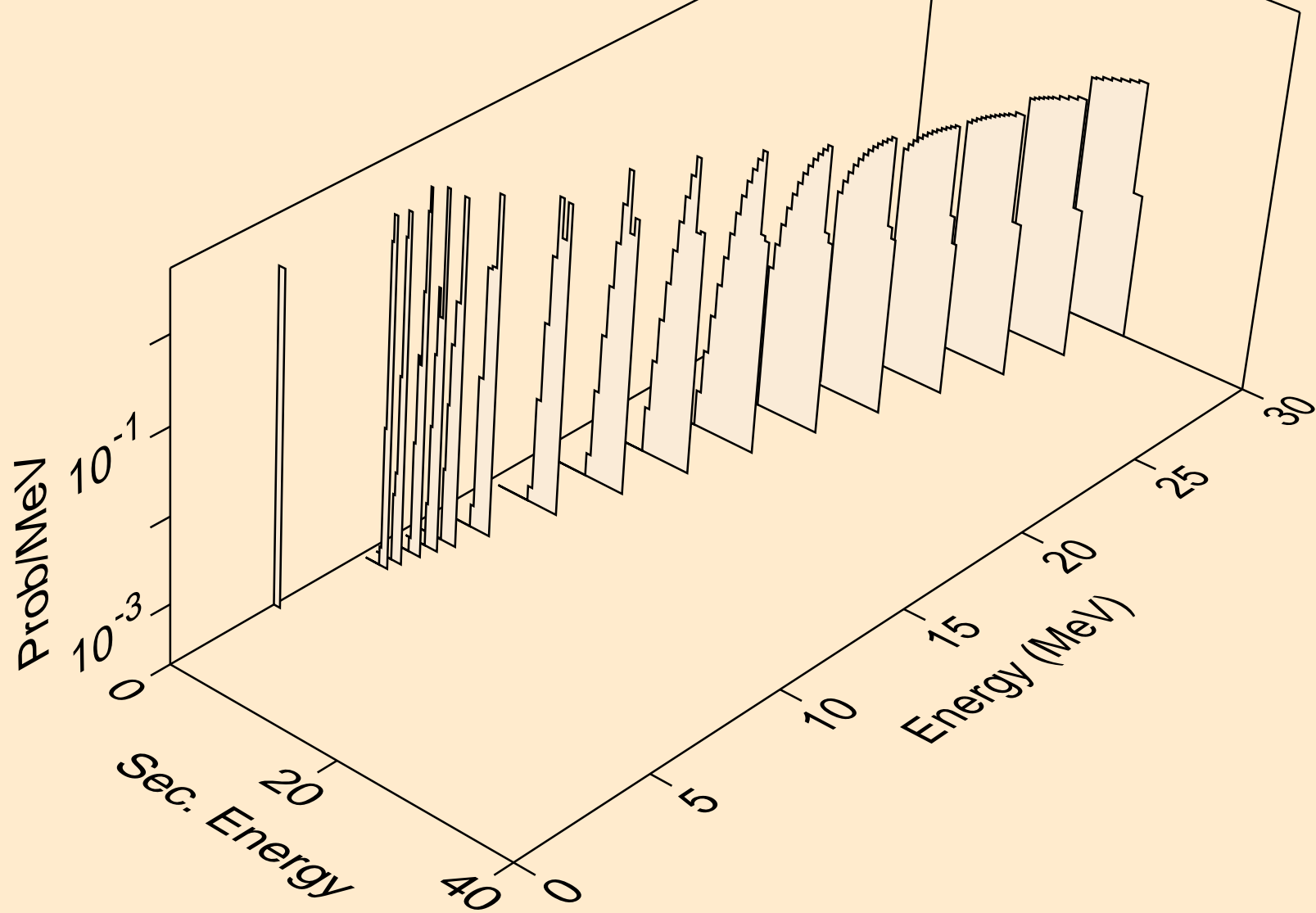
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deuterons from (n,2nd)



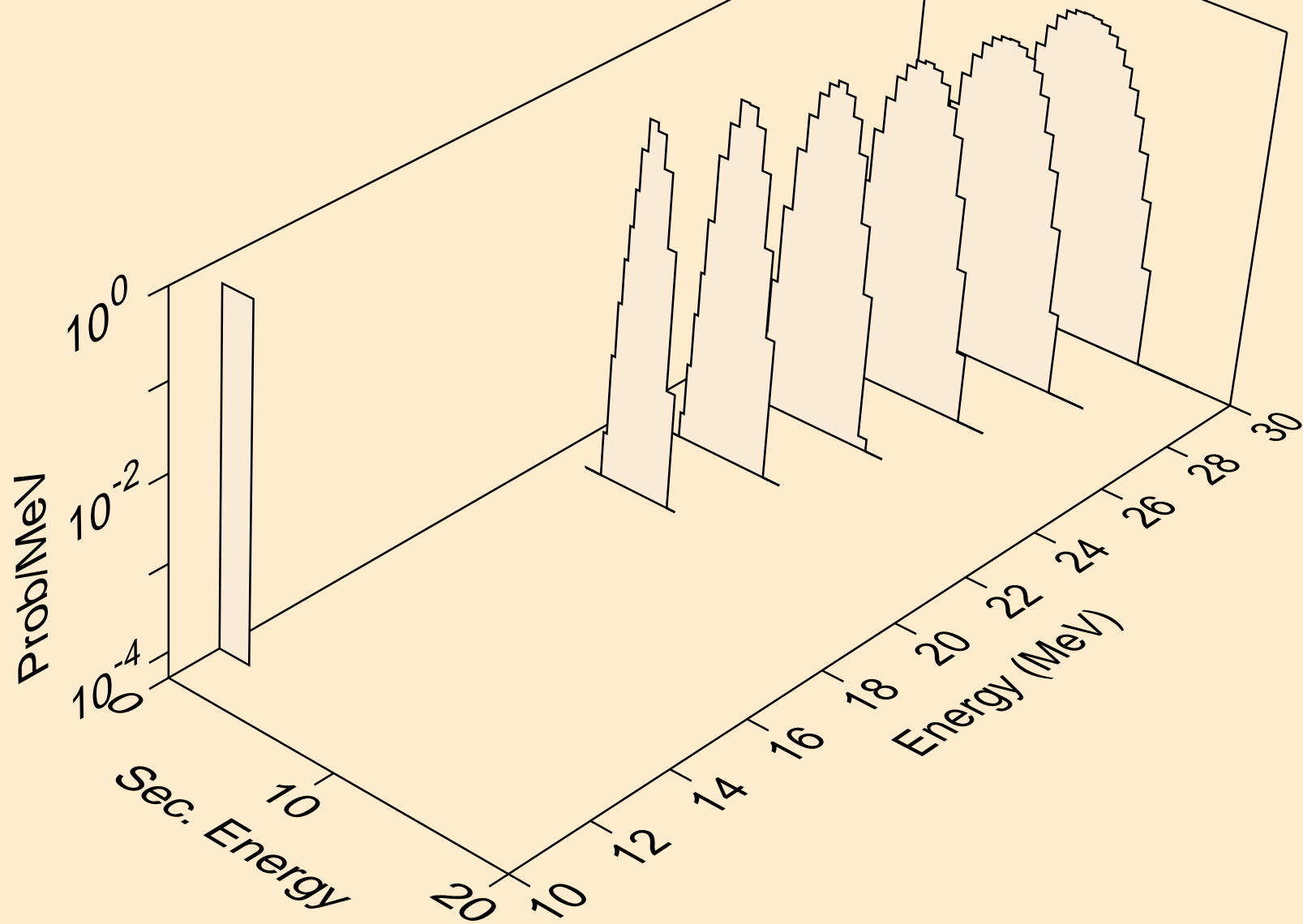
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



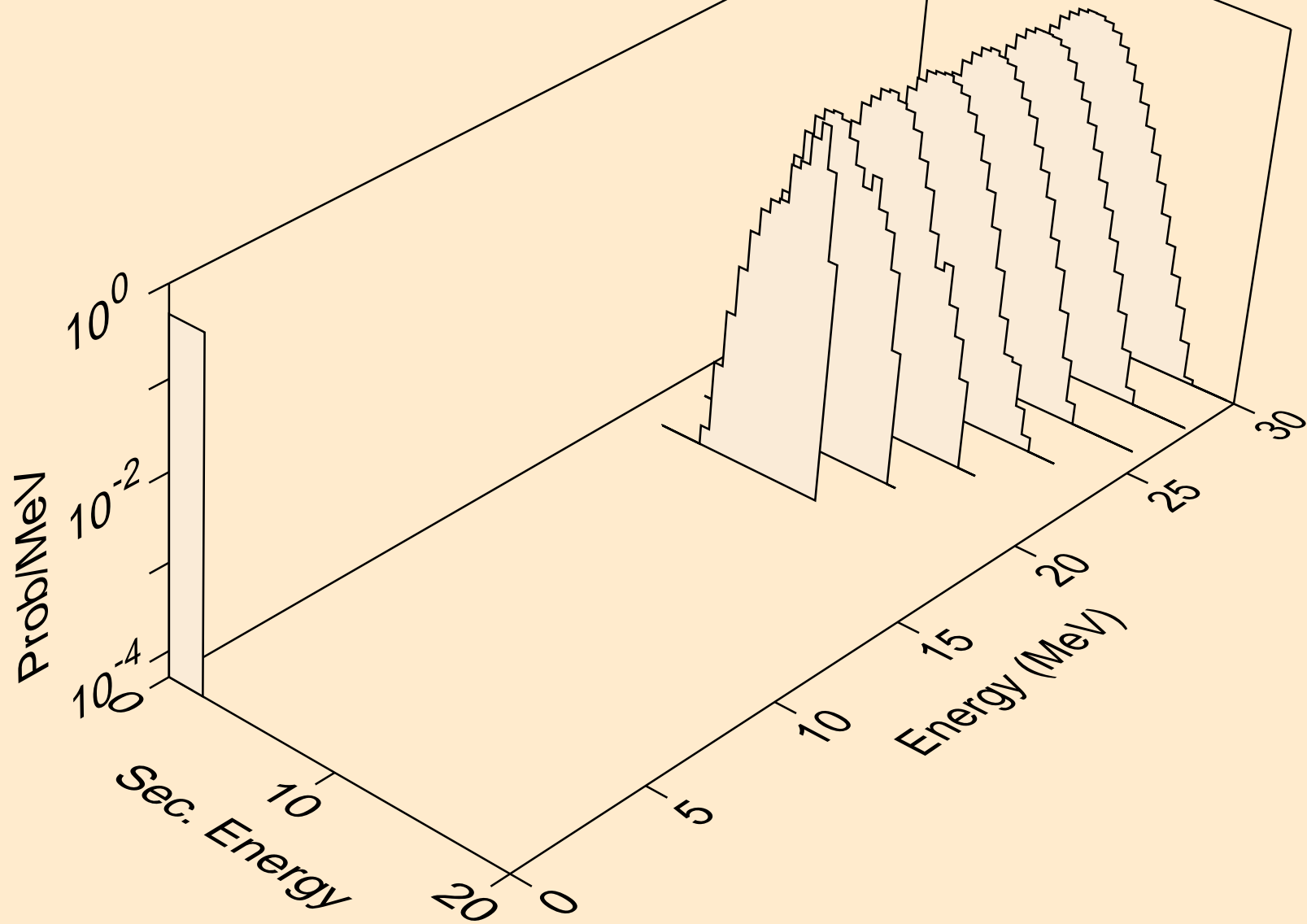
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deuterons from (n,d)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

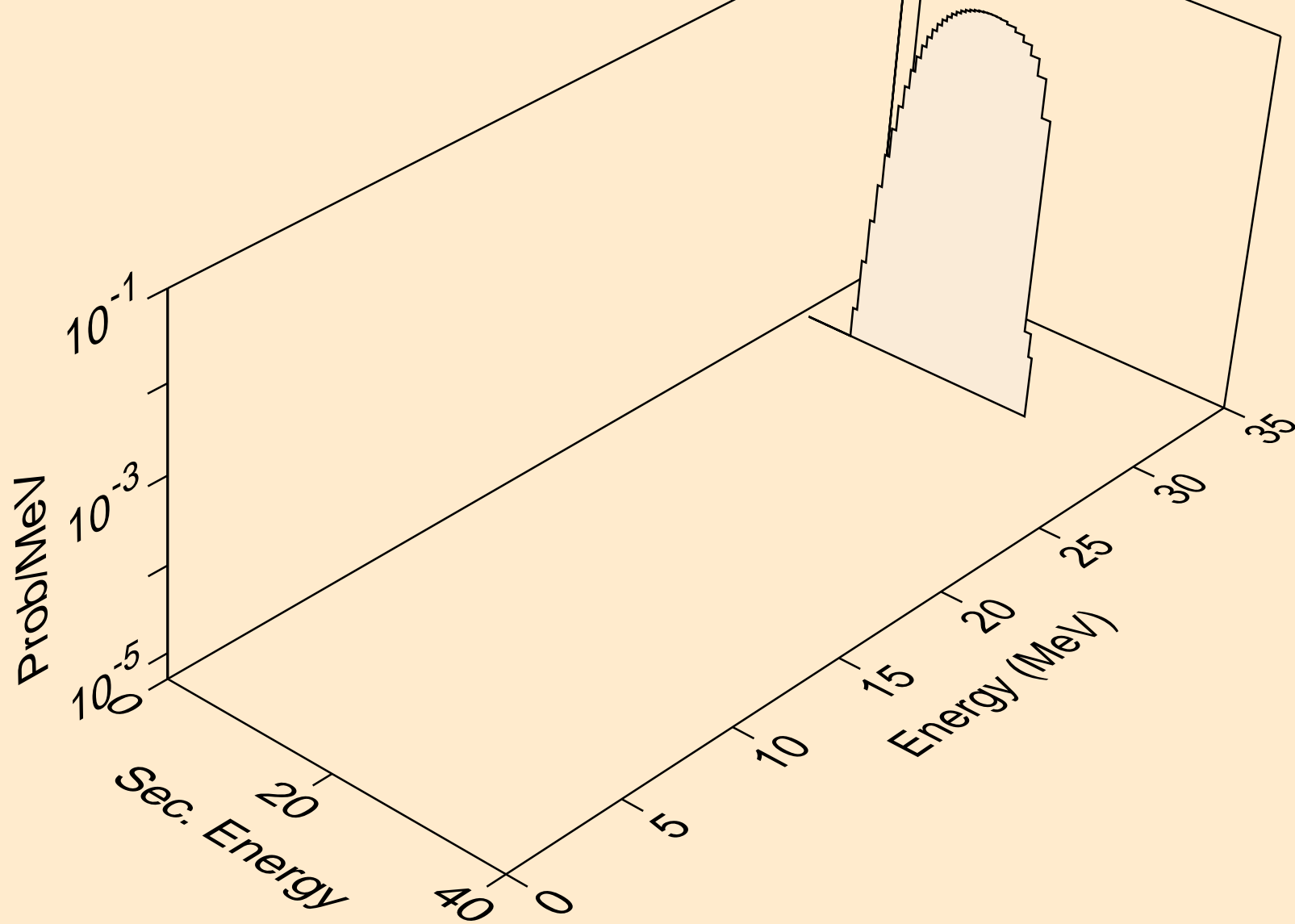


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deuterons from (n,da)

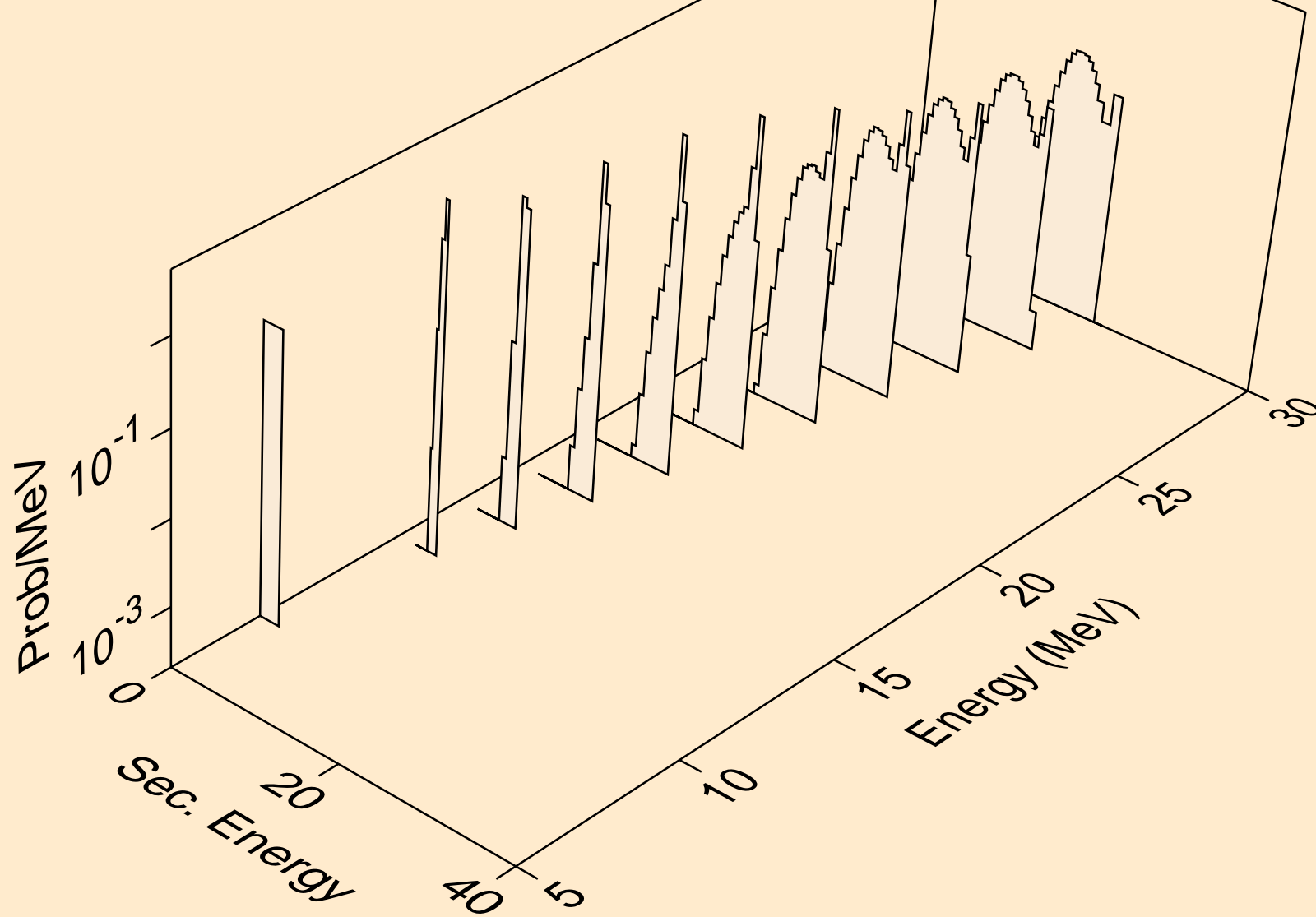




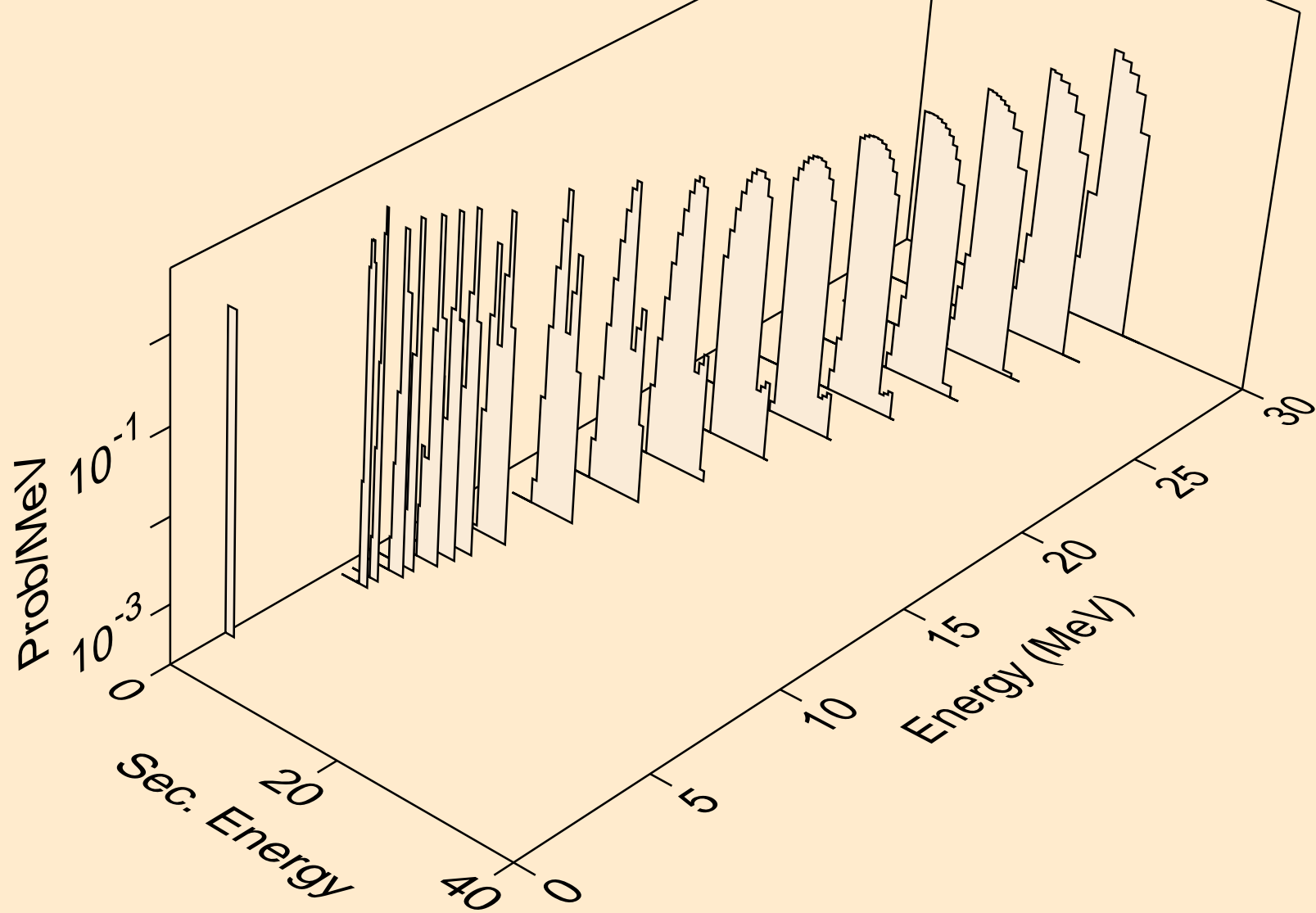
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



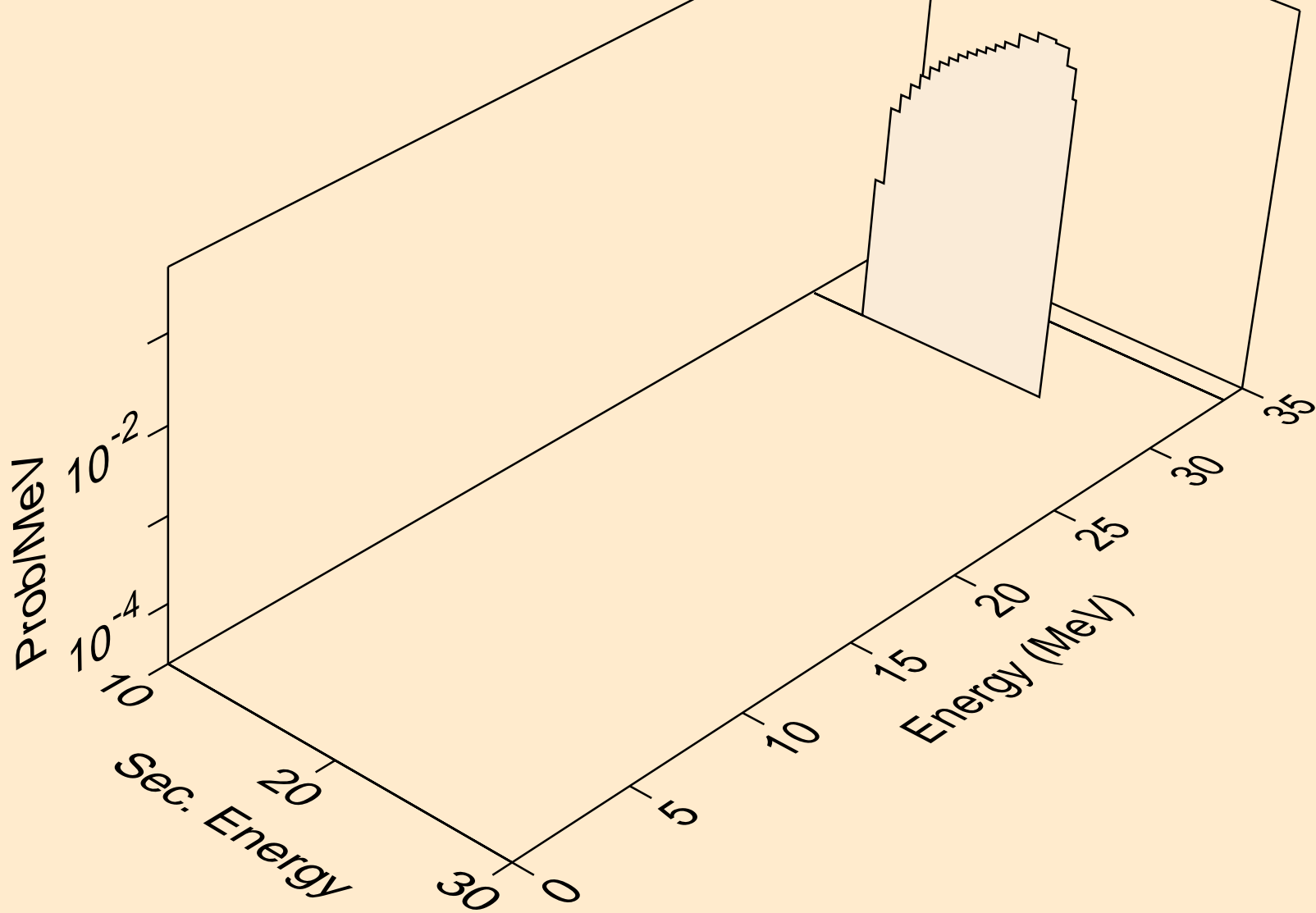
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



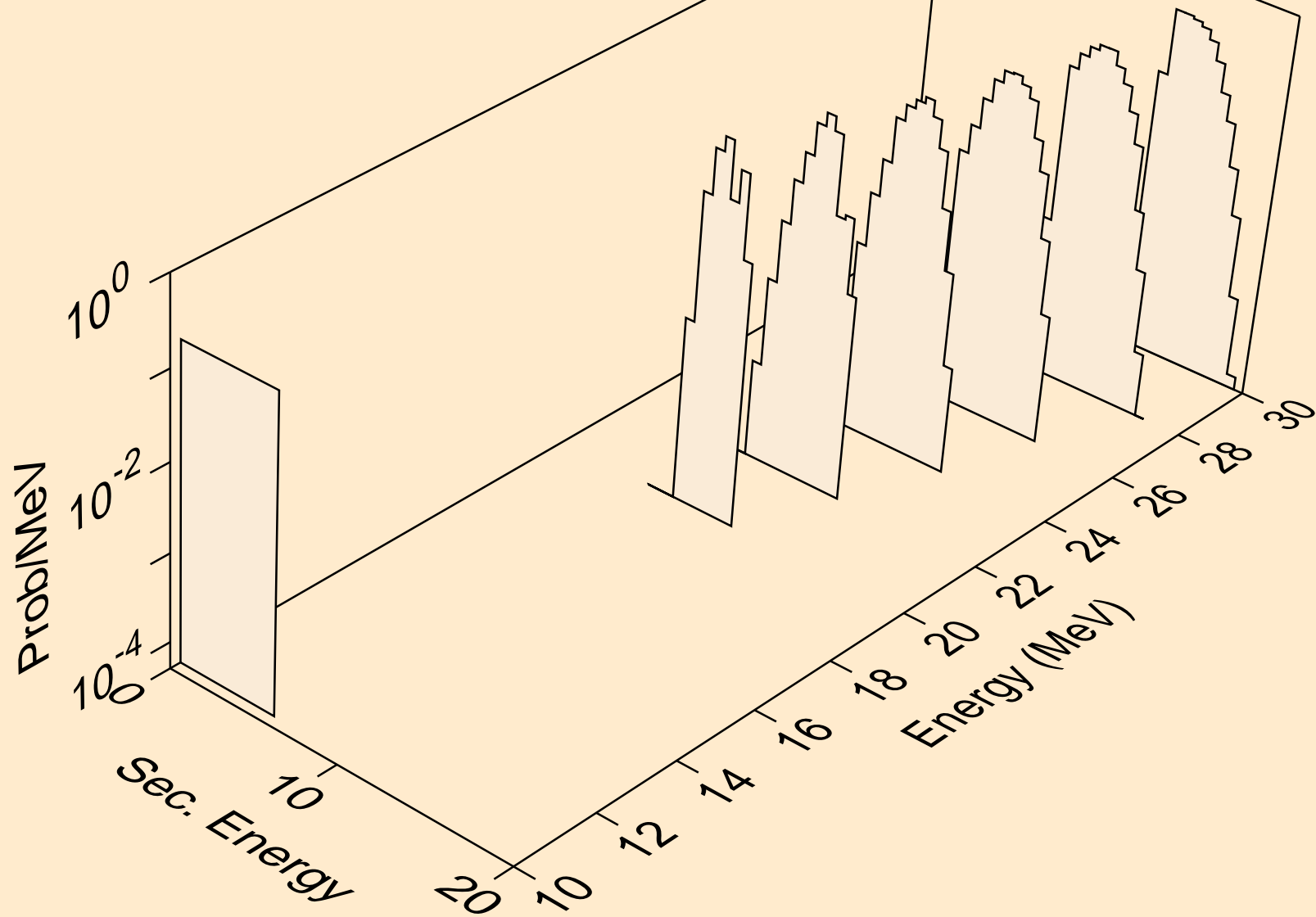
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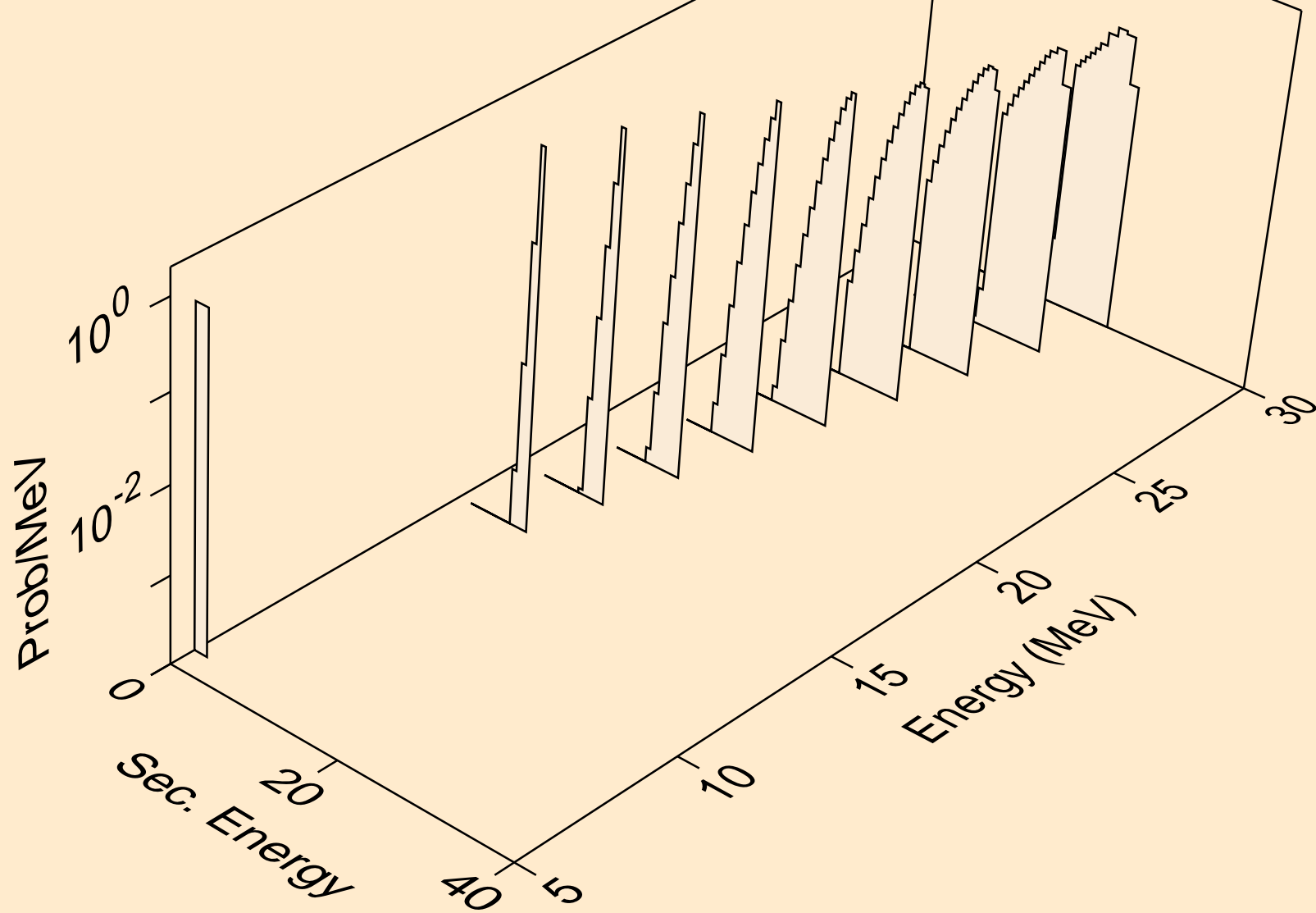
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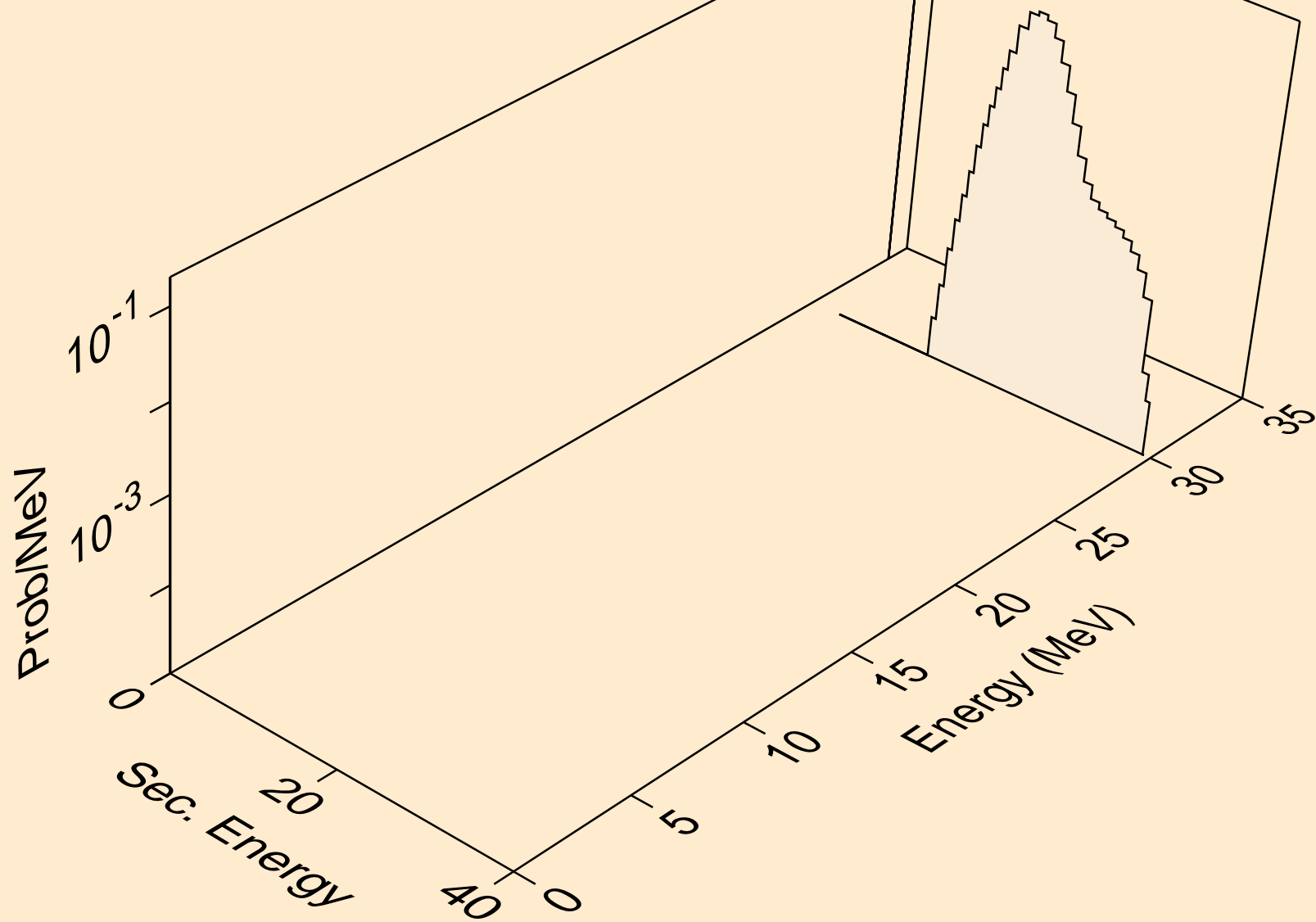
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he3s from (n,n\*)he3



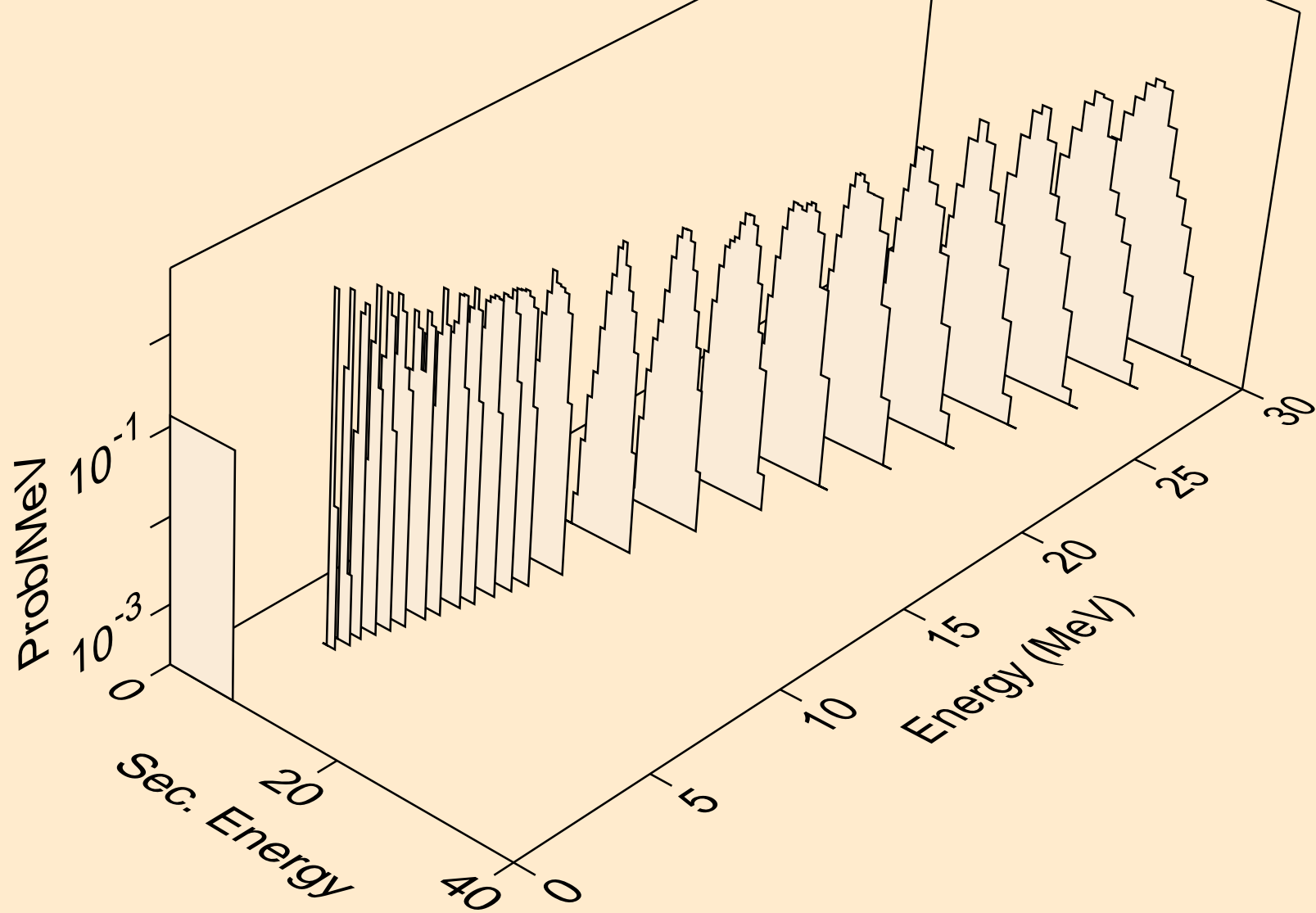
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BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

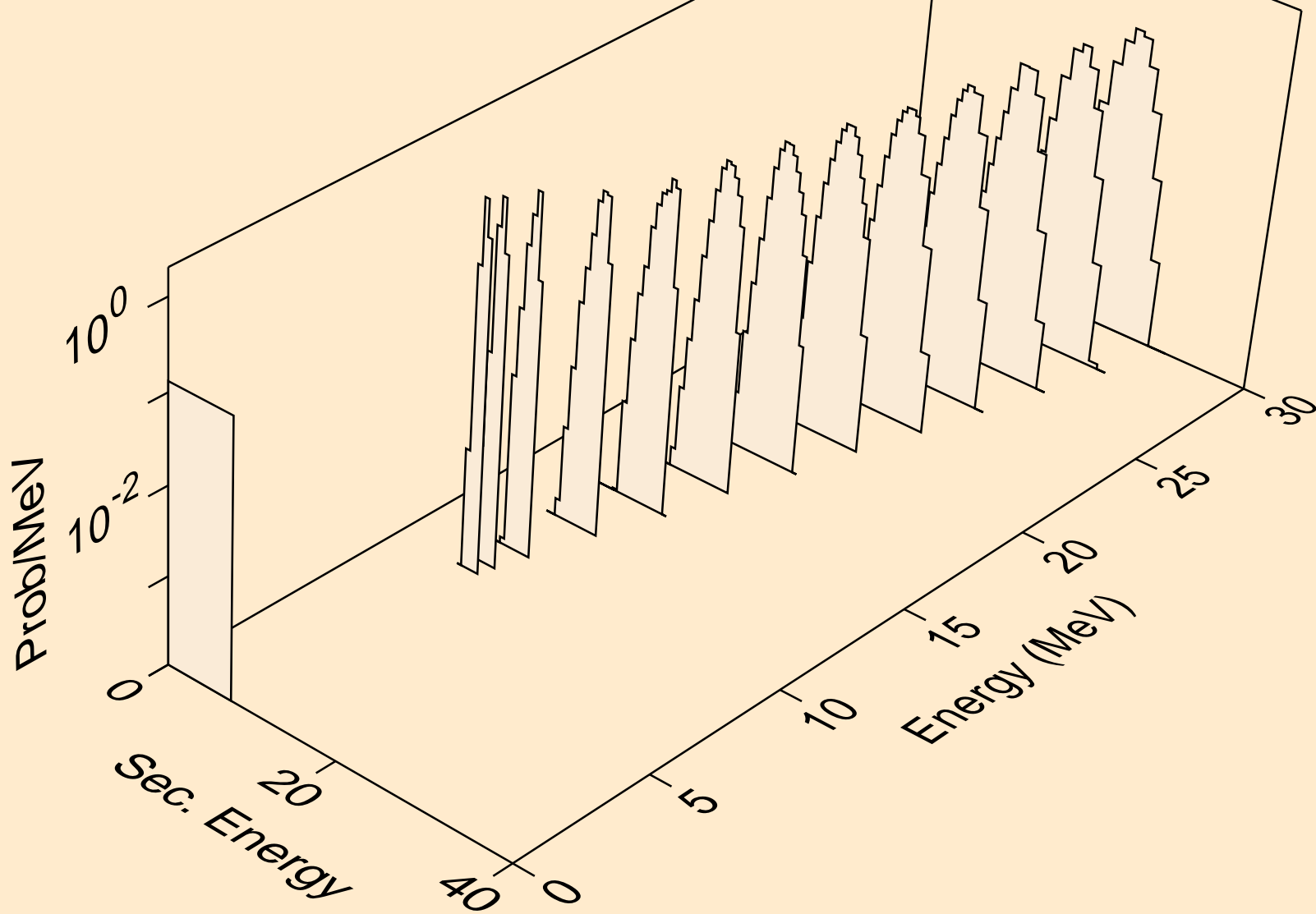


BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

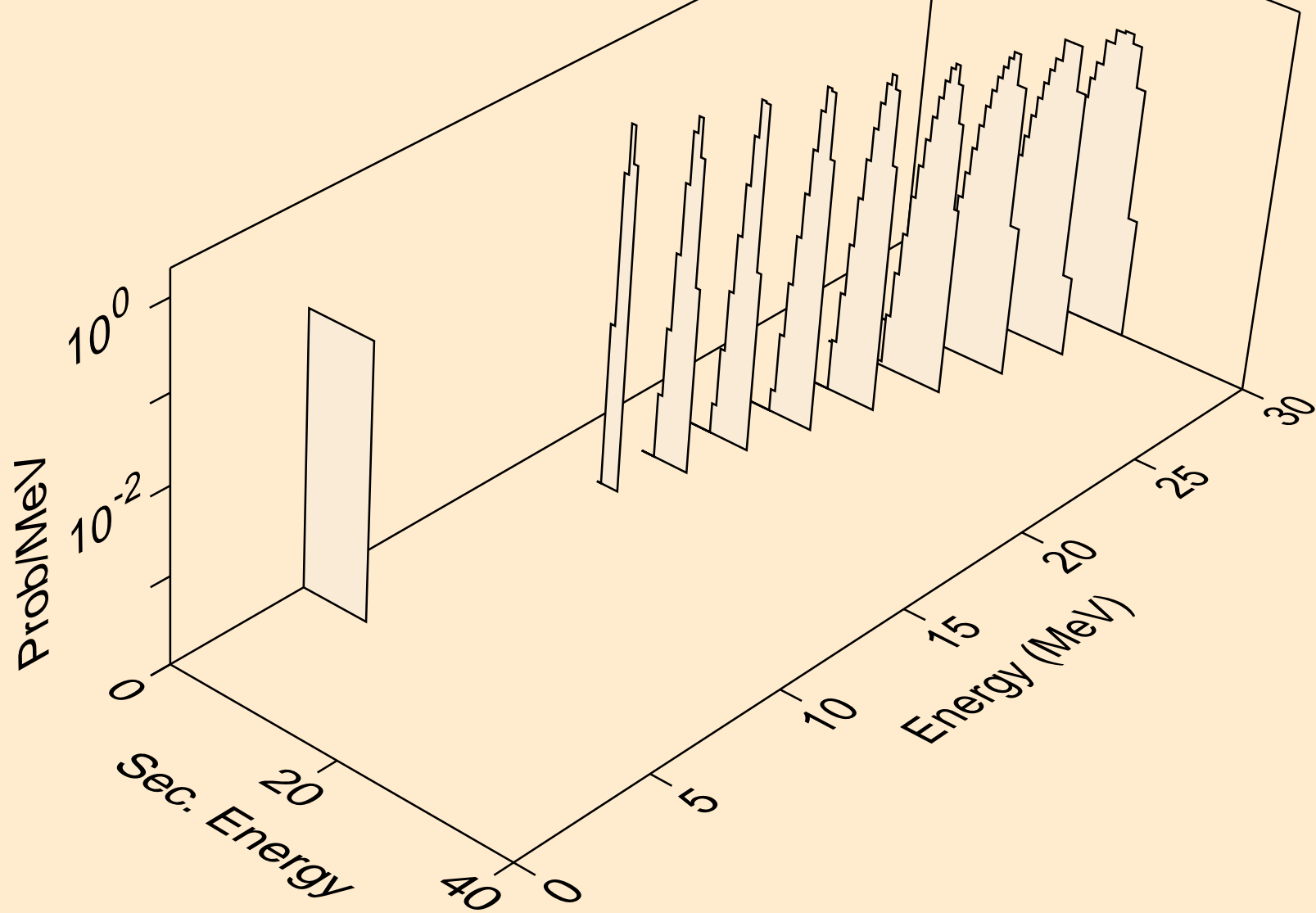




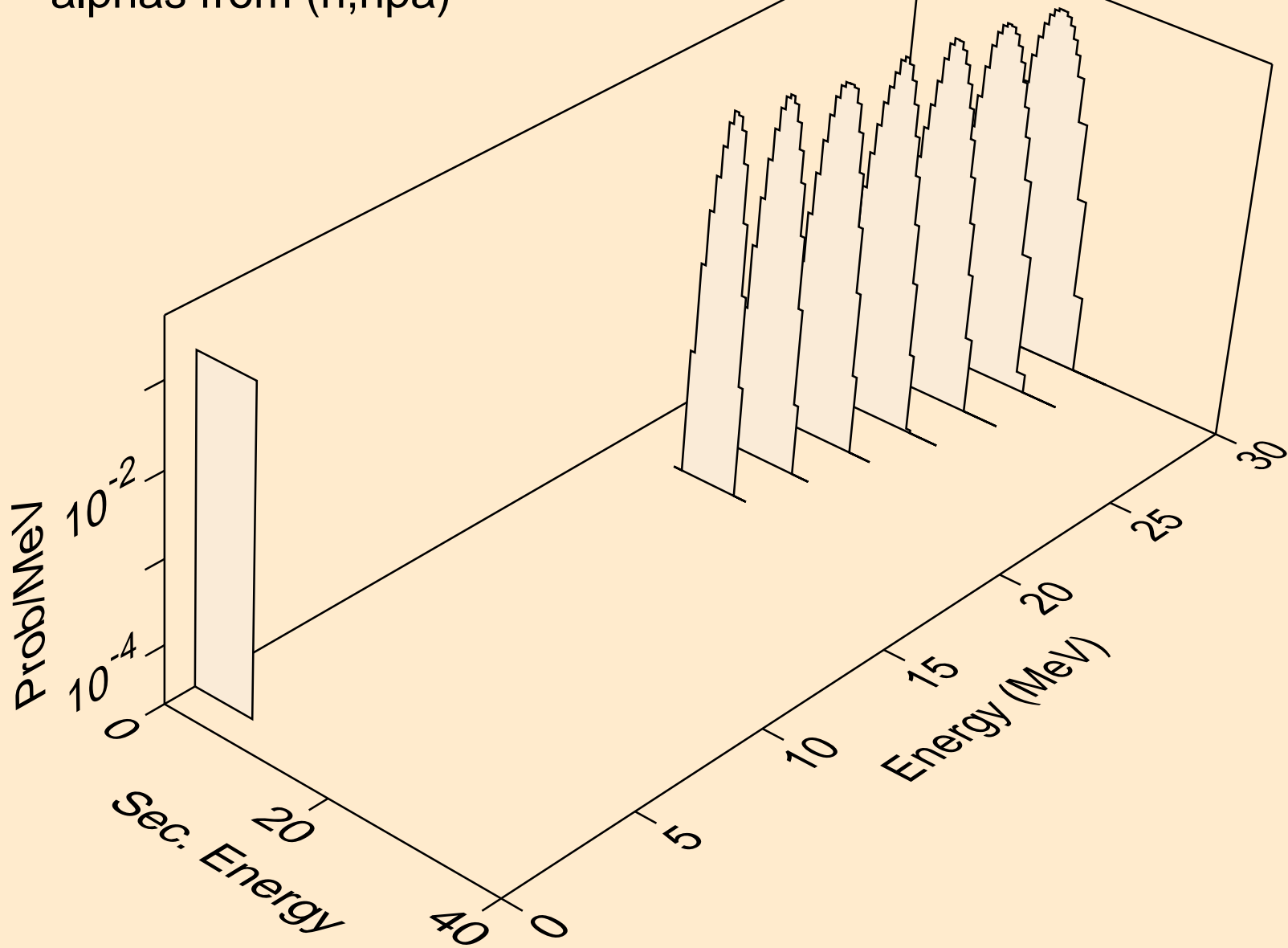
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



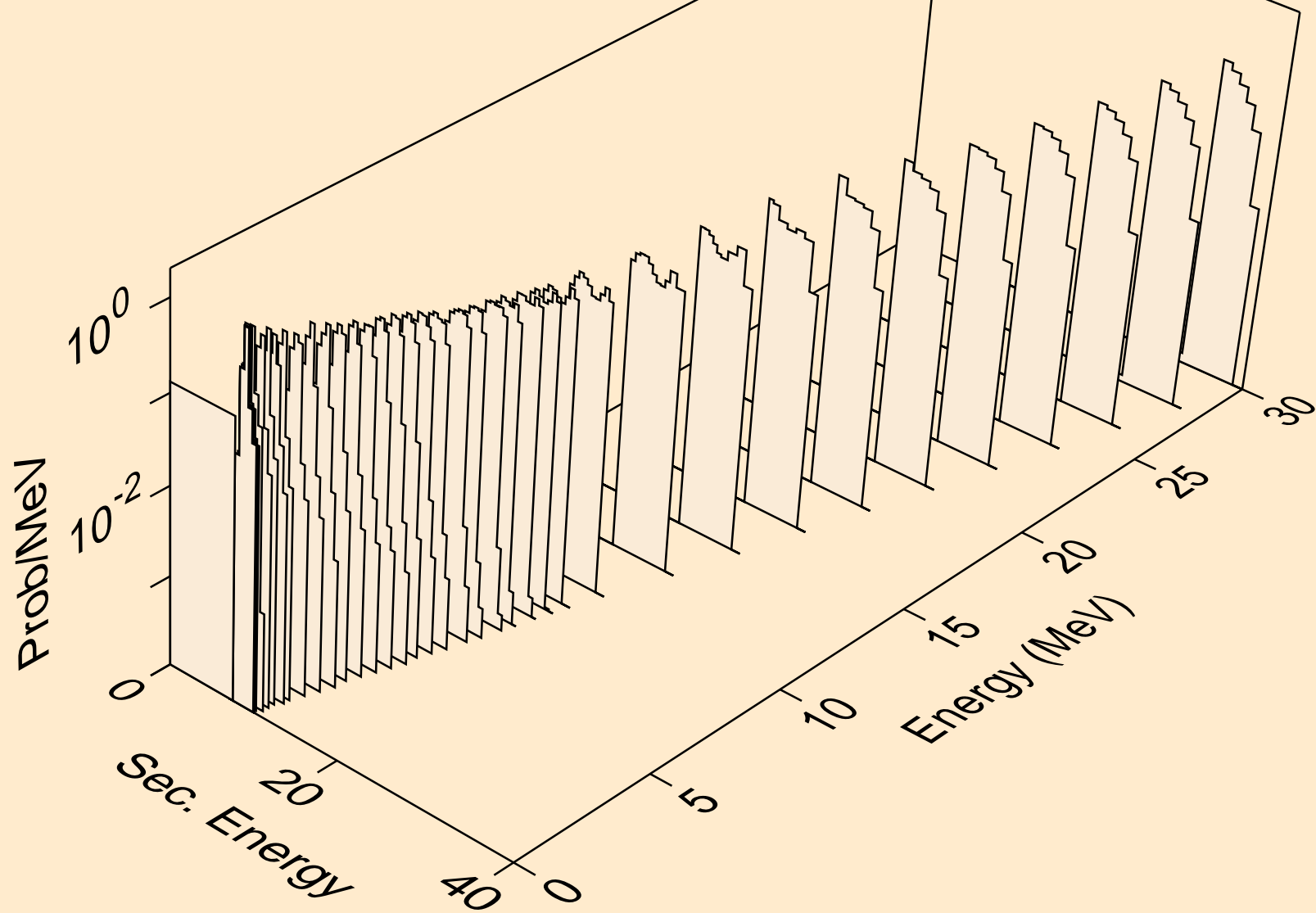
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



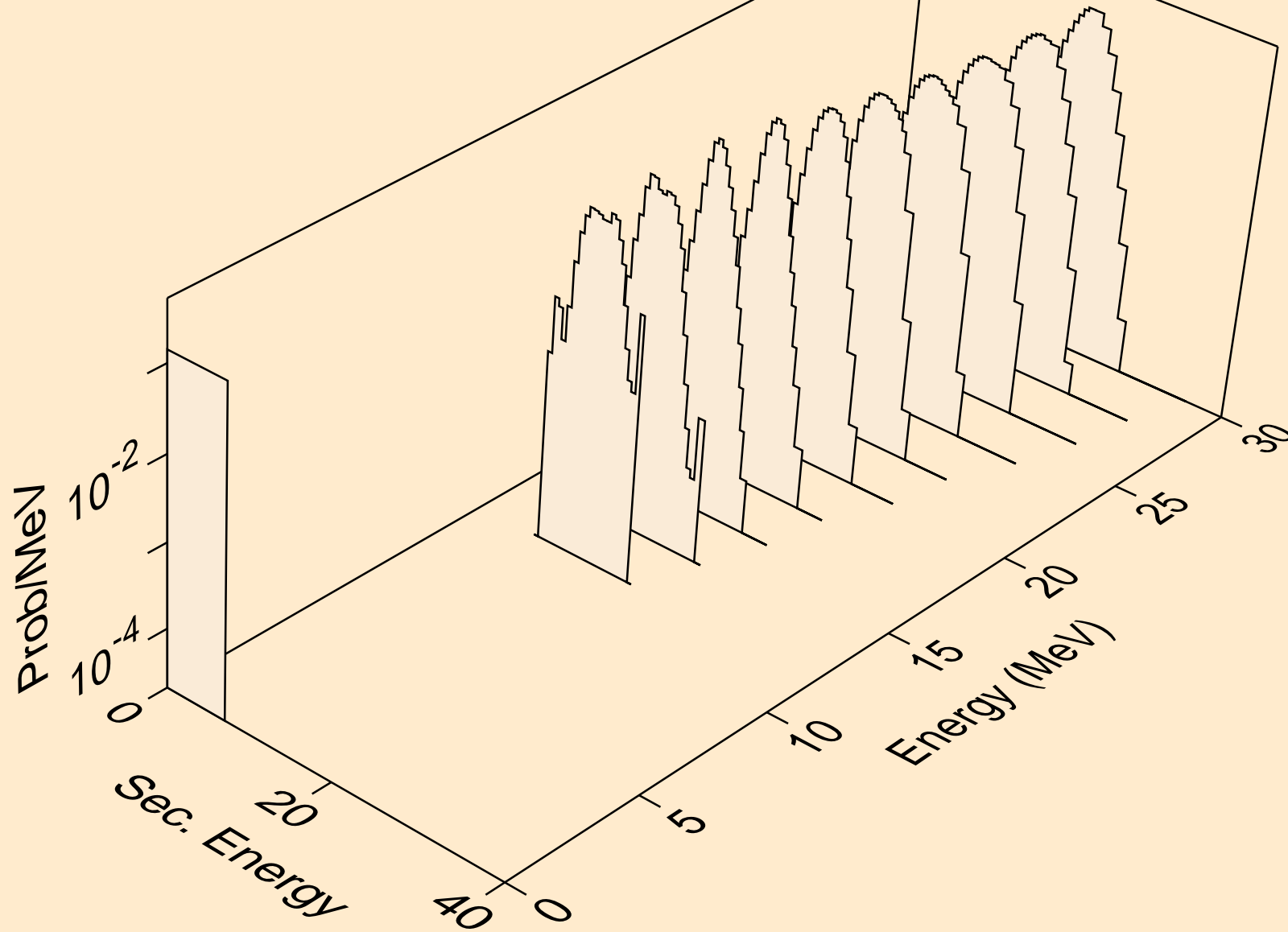
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



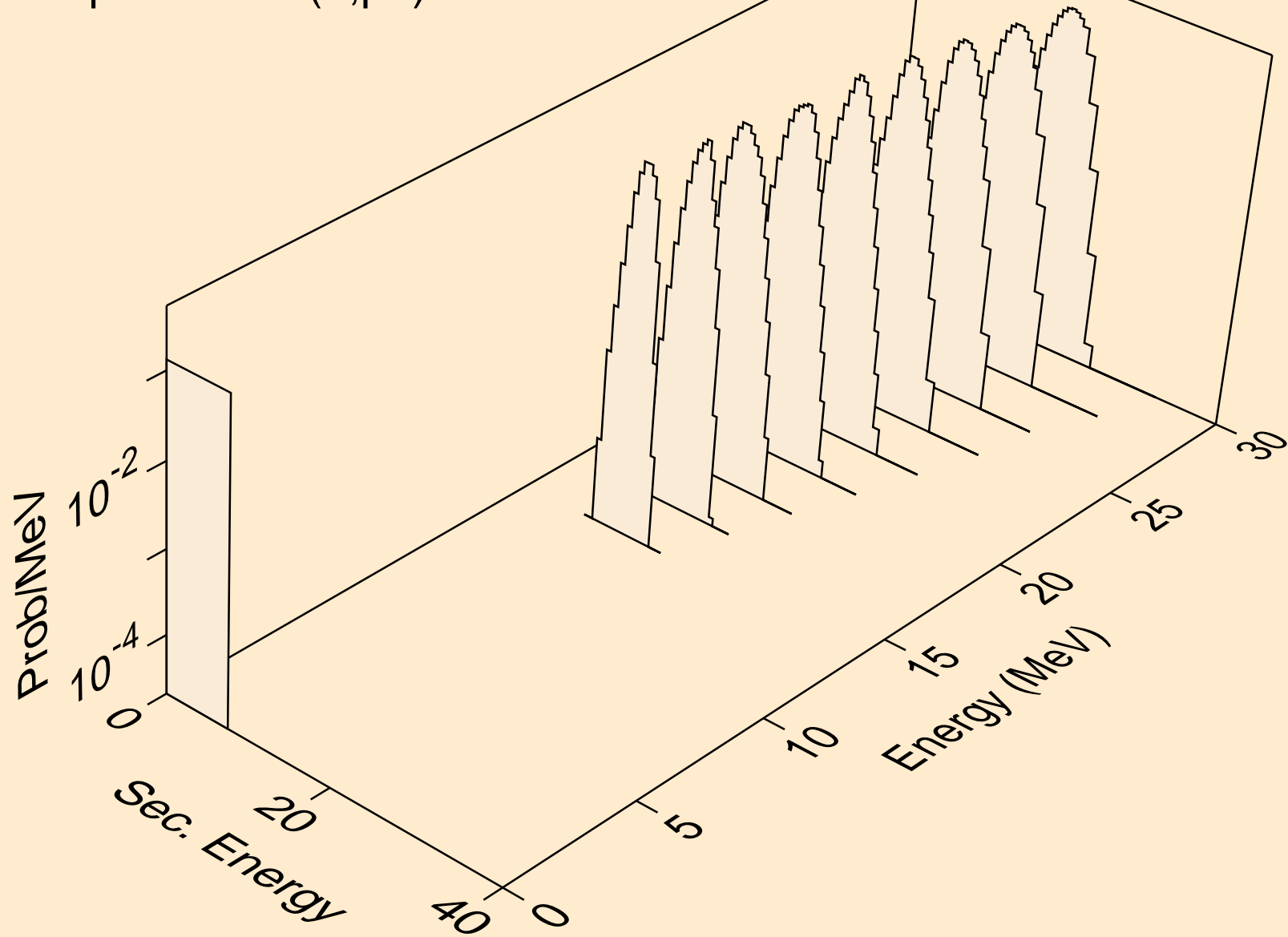
BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



BK254 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

