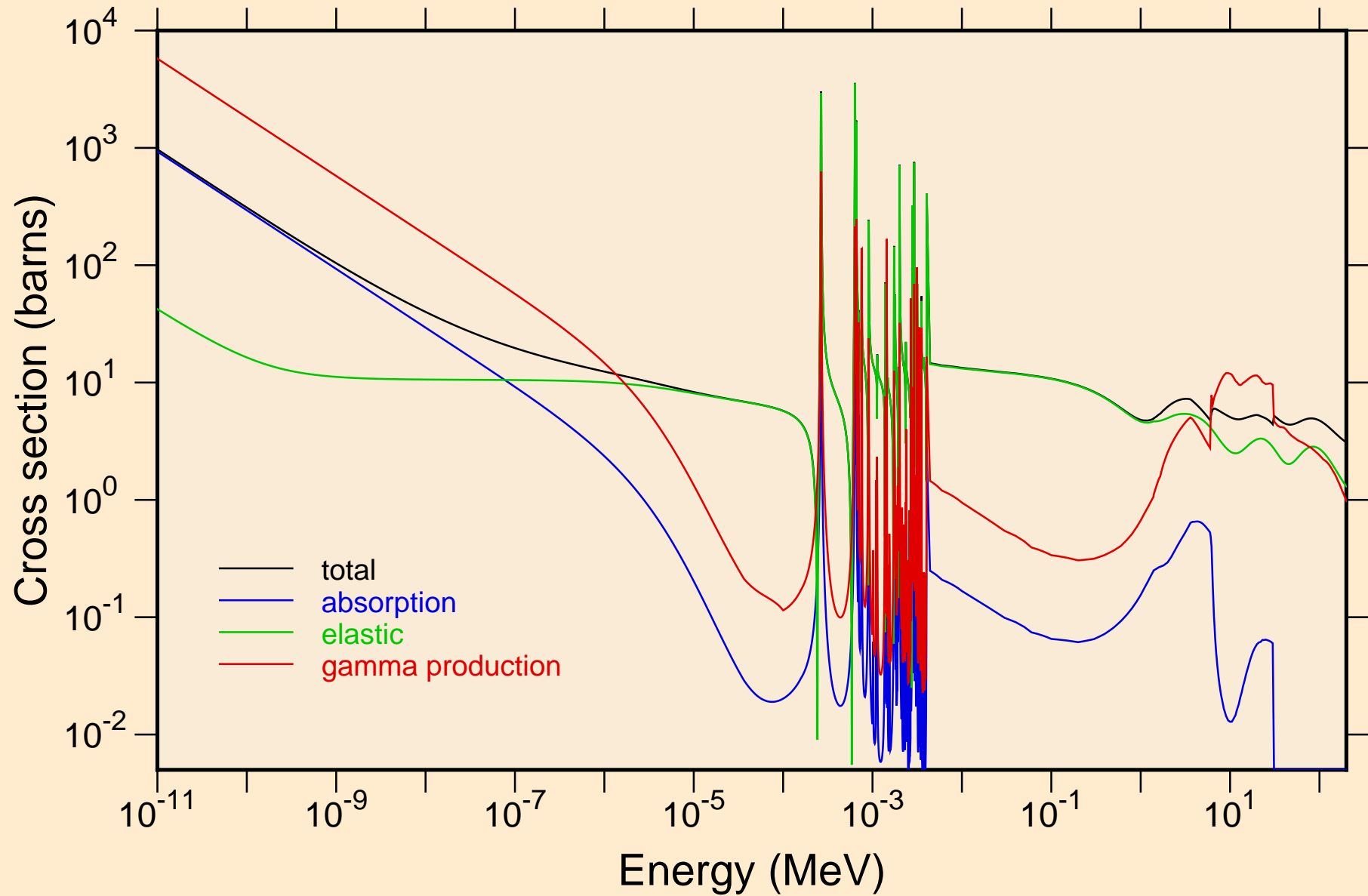
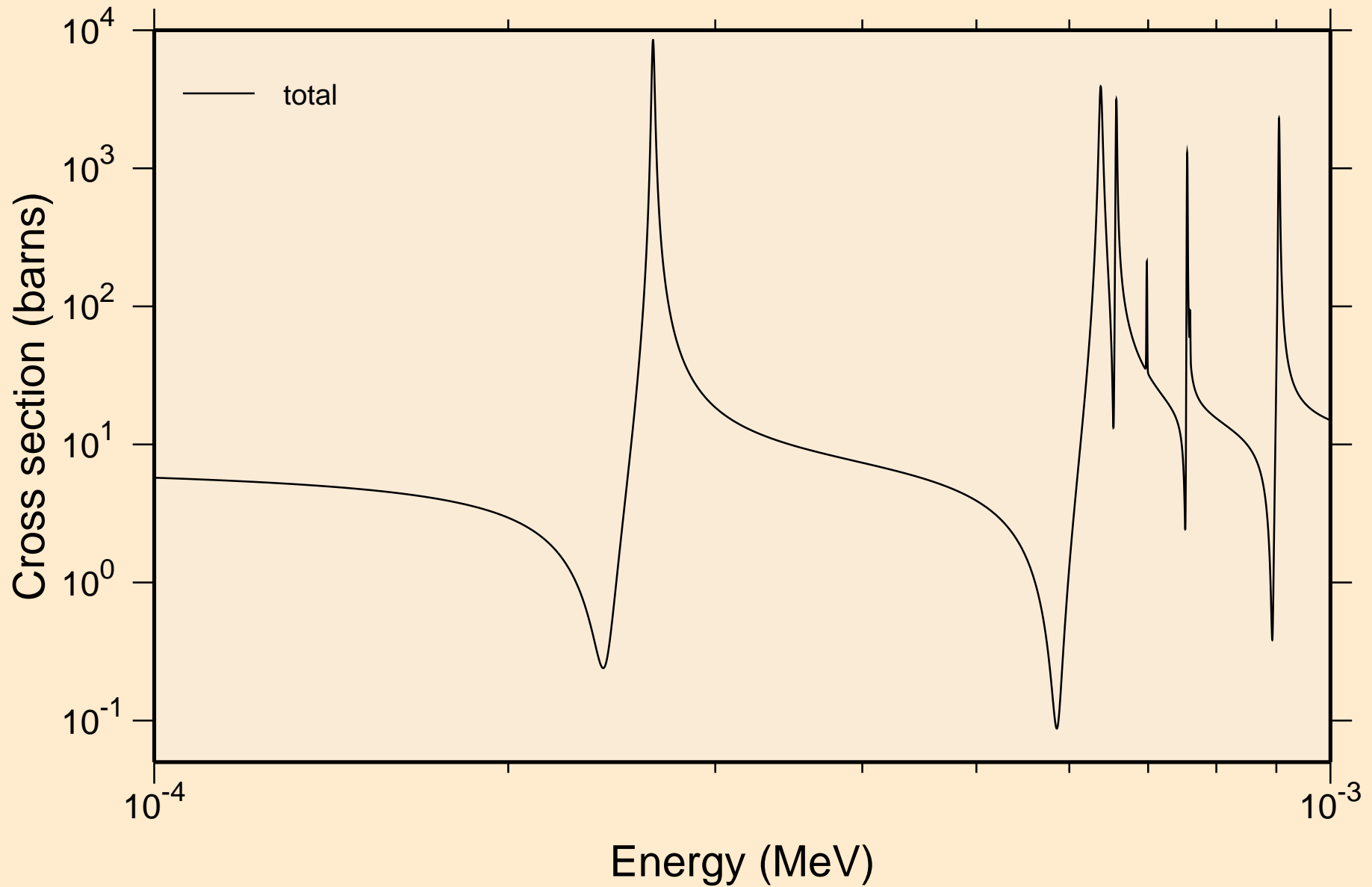


# RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

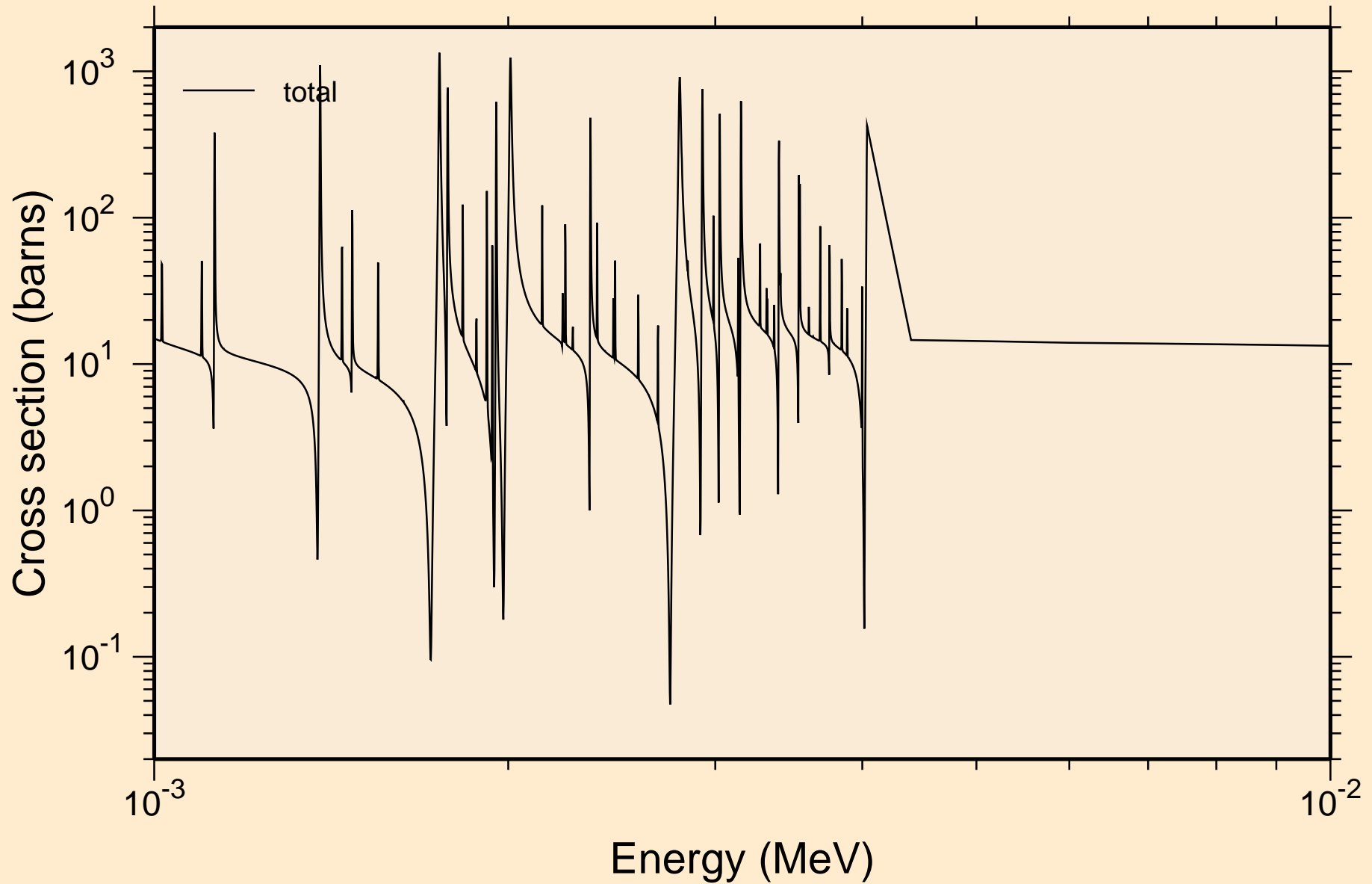
## Principal cross sections



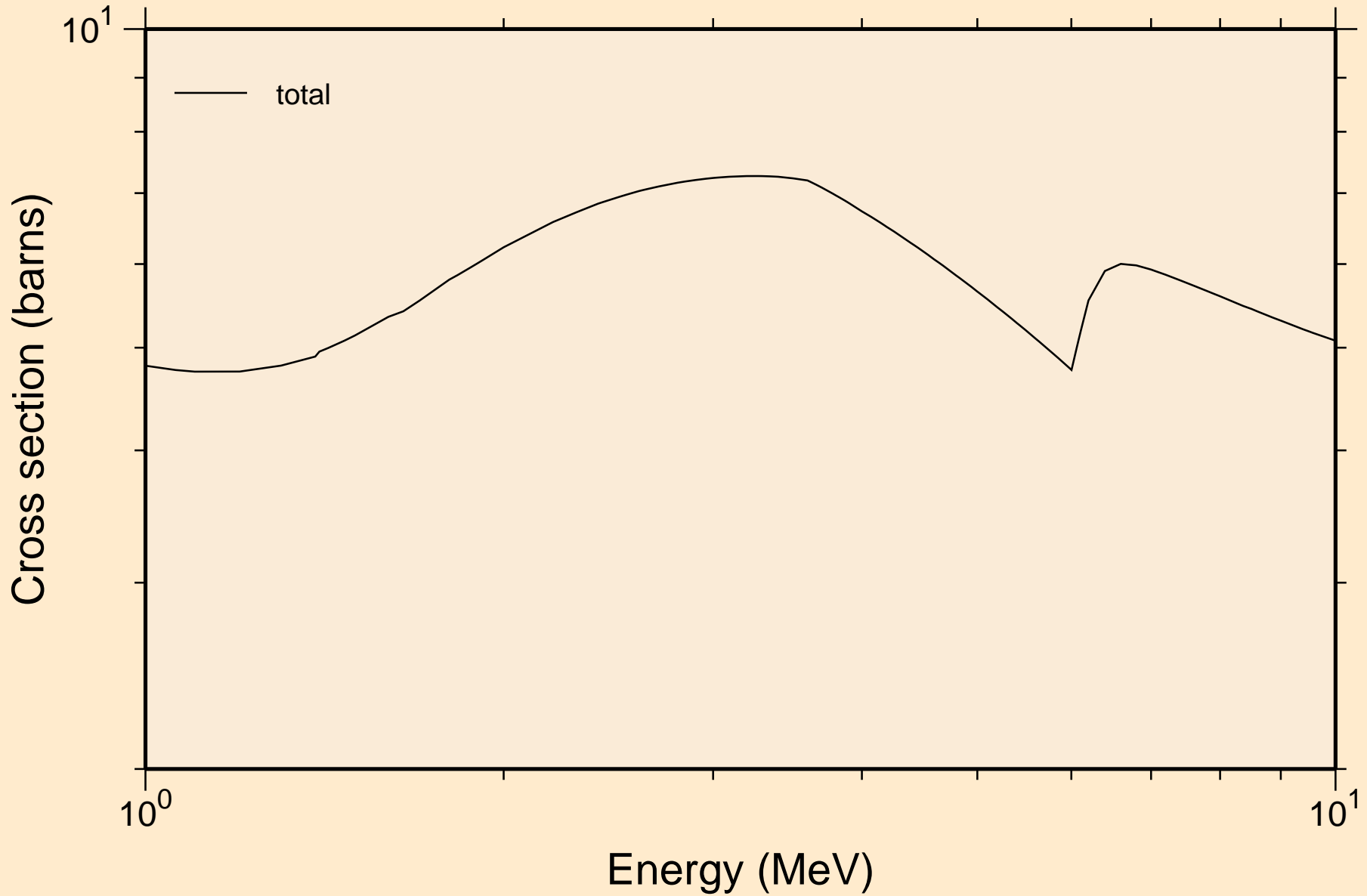
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



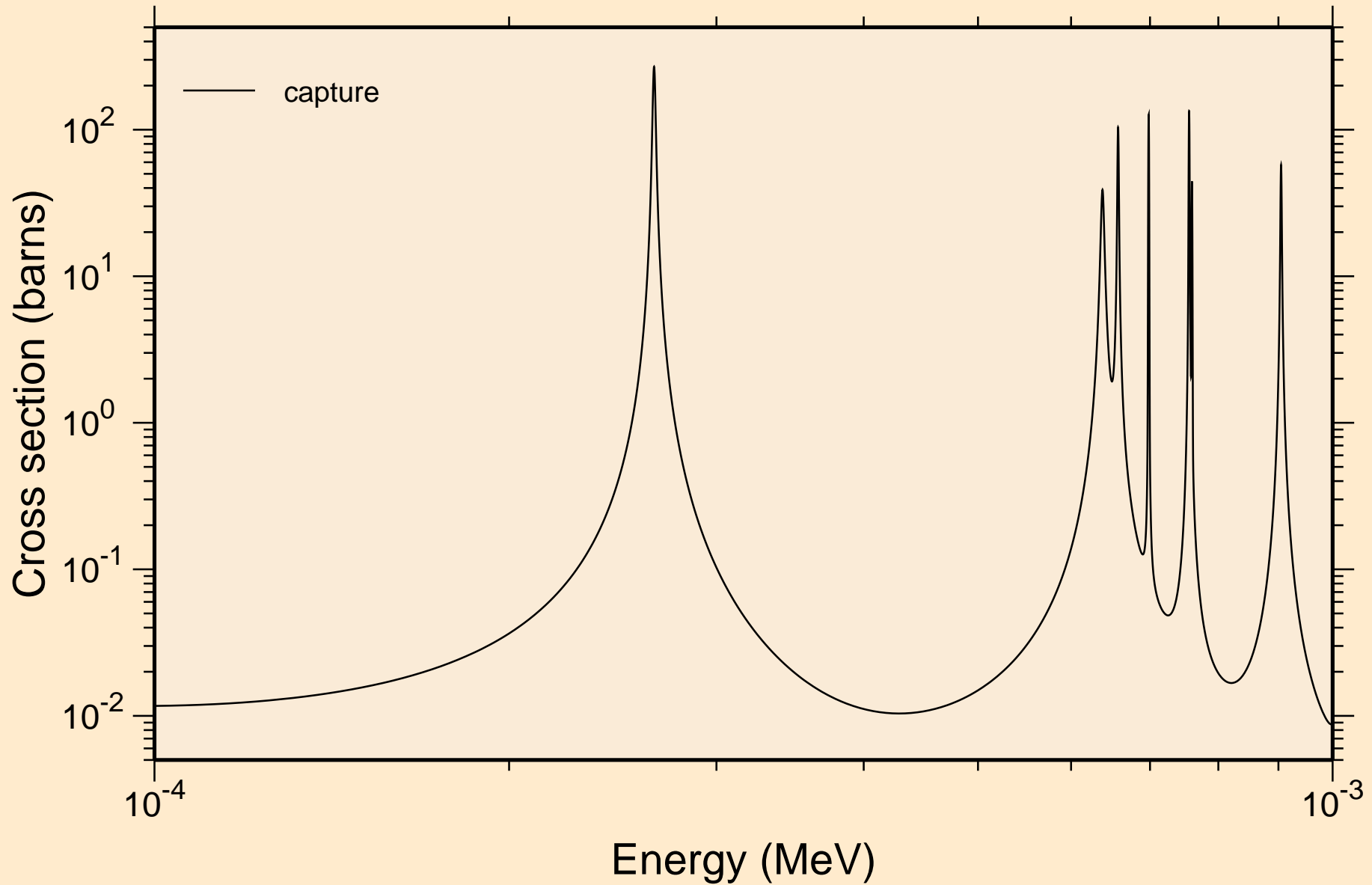
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



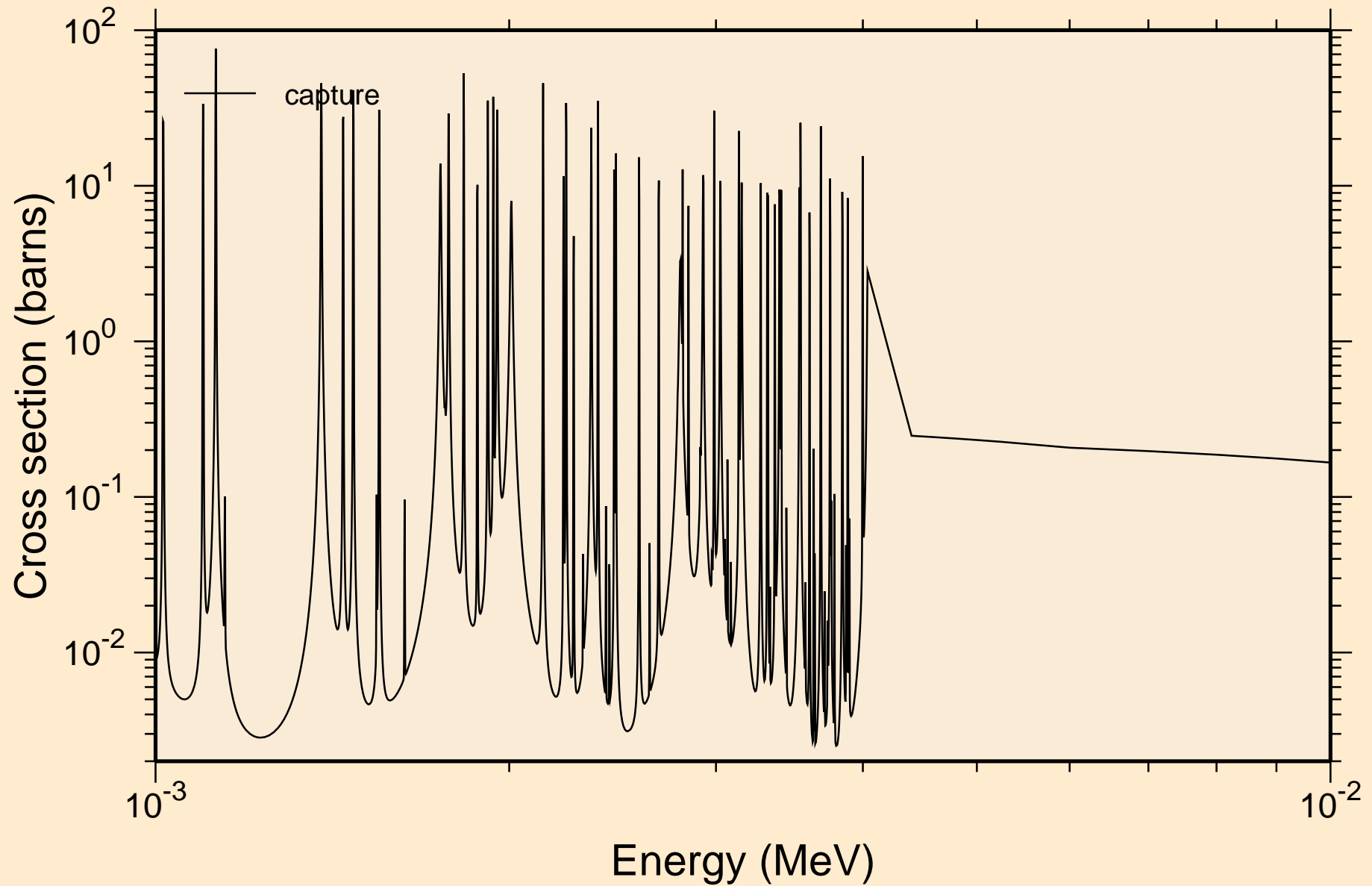
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



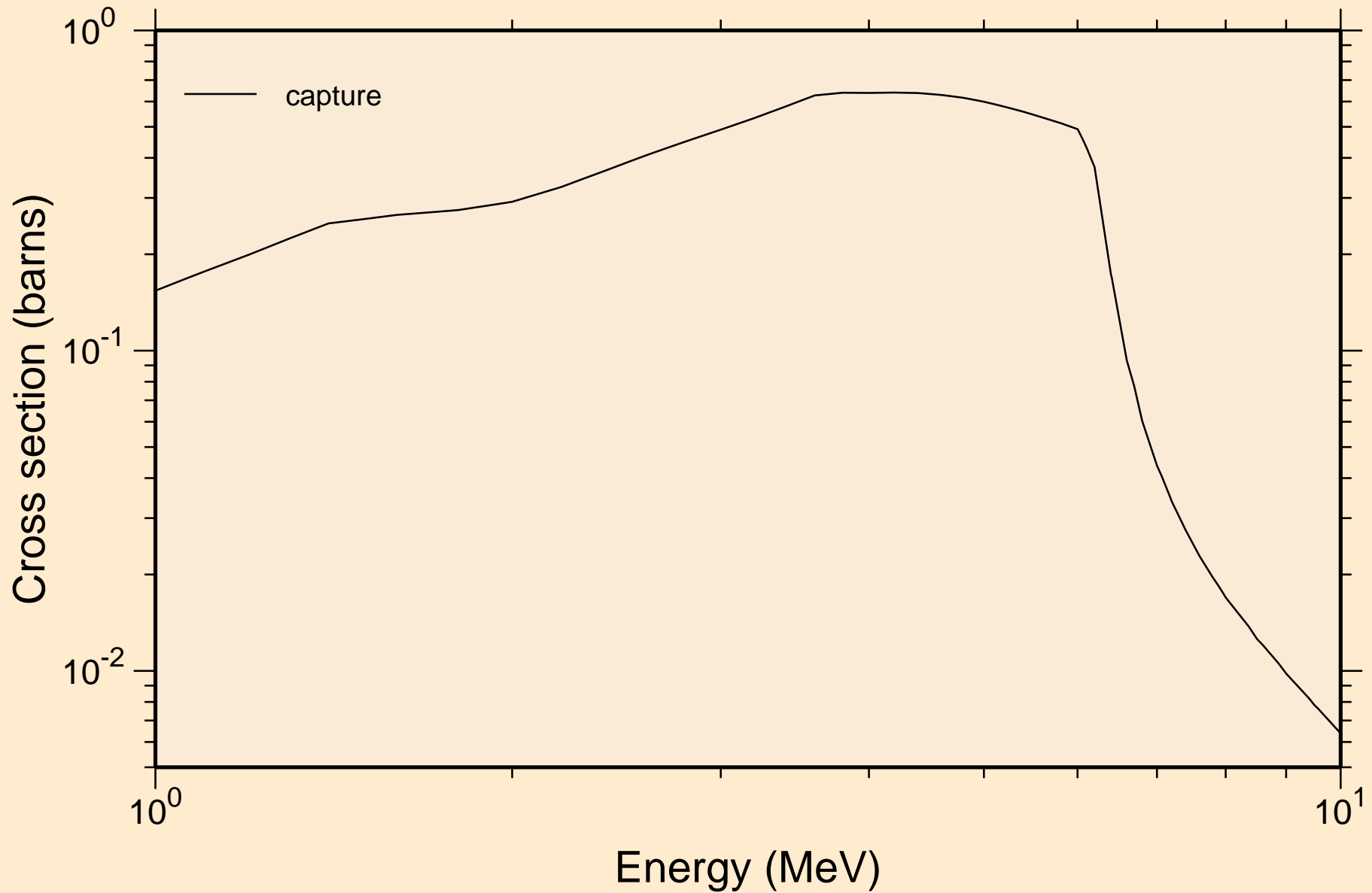
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



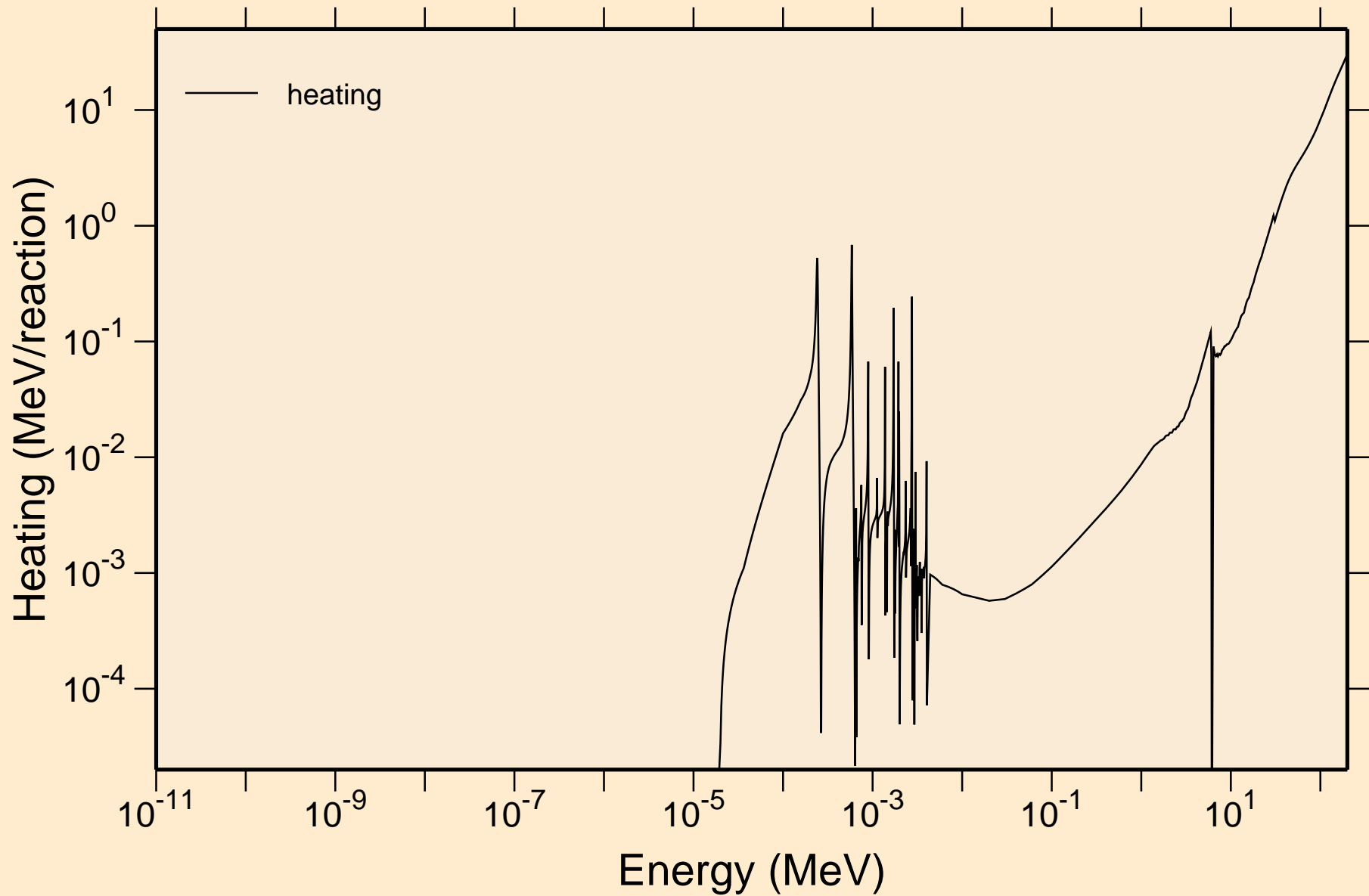
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

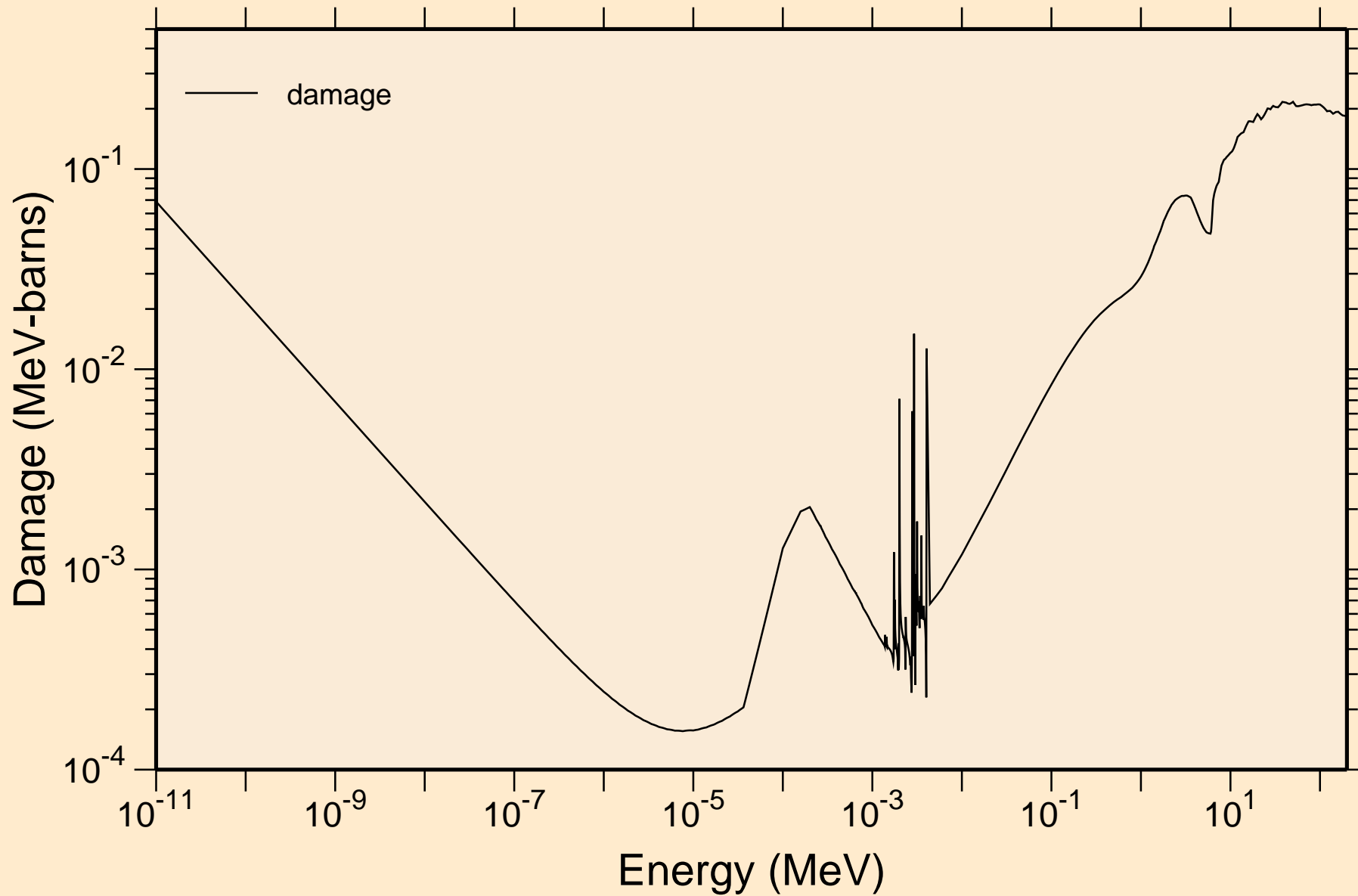


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

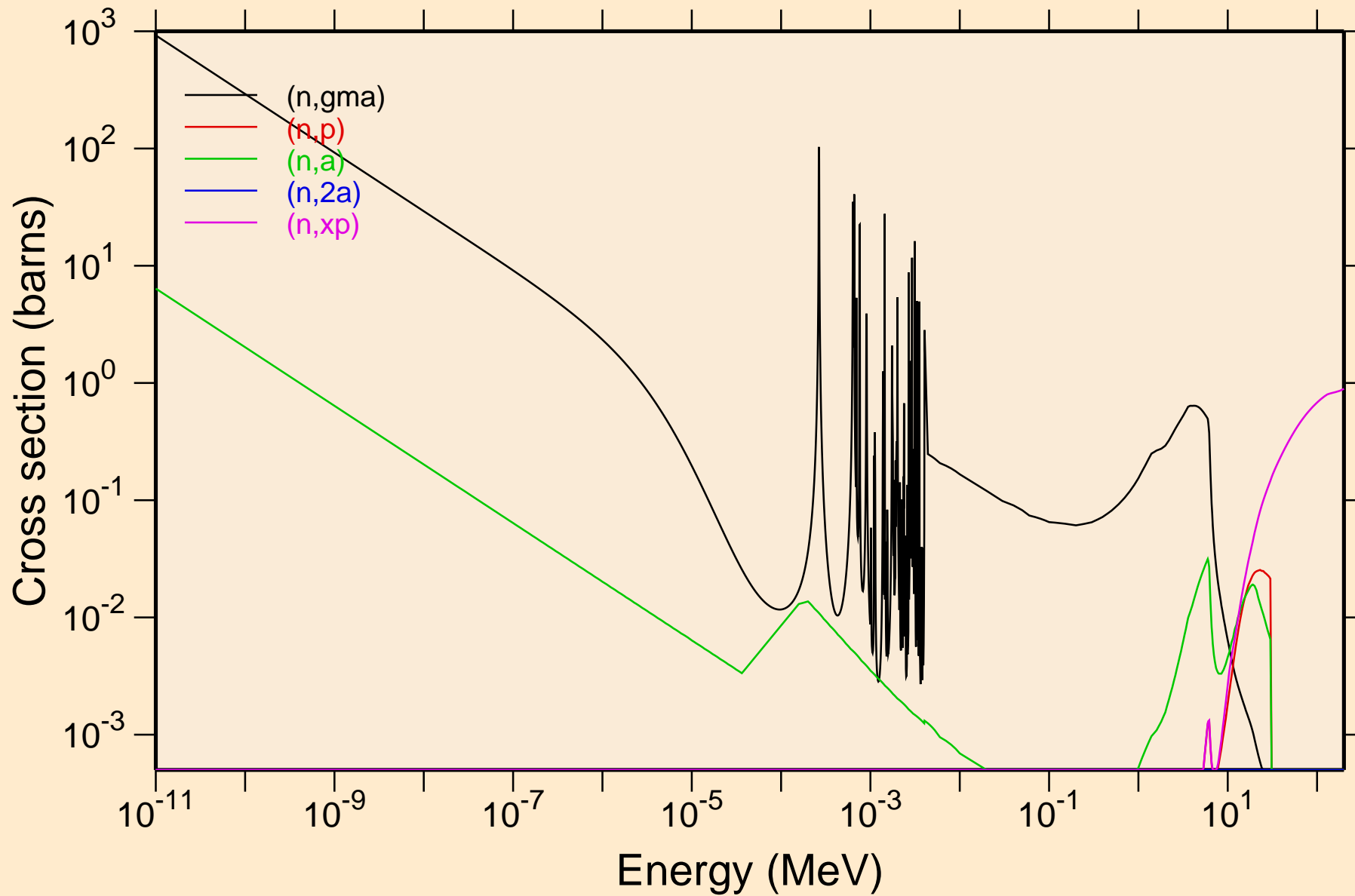




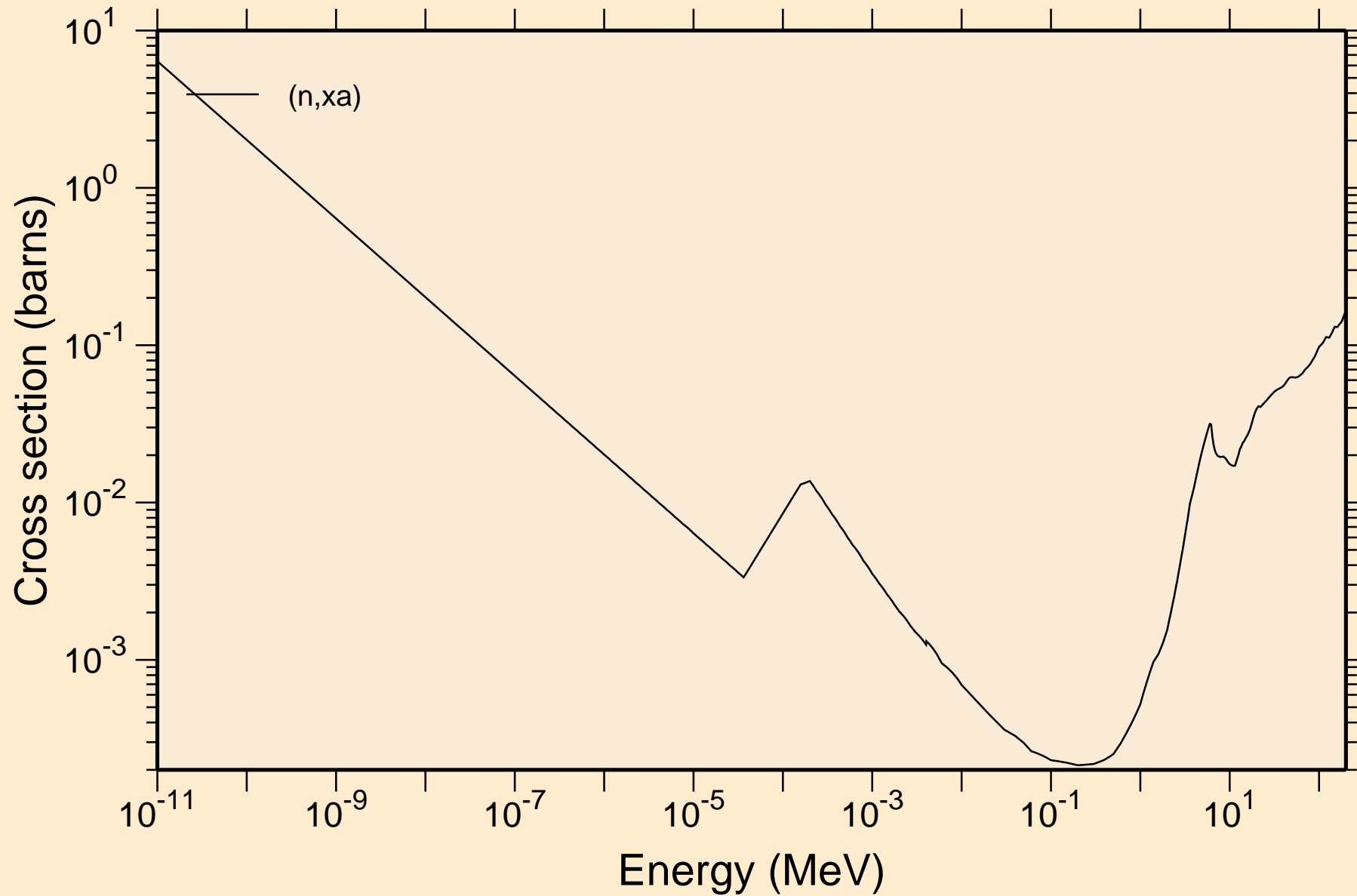
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



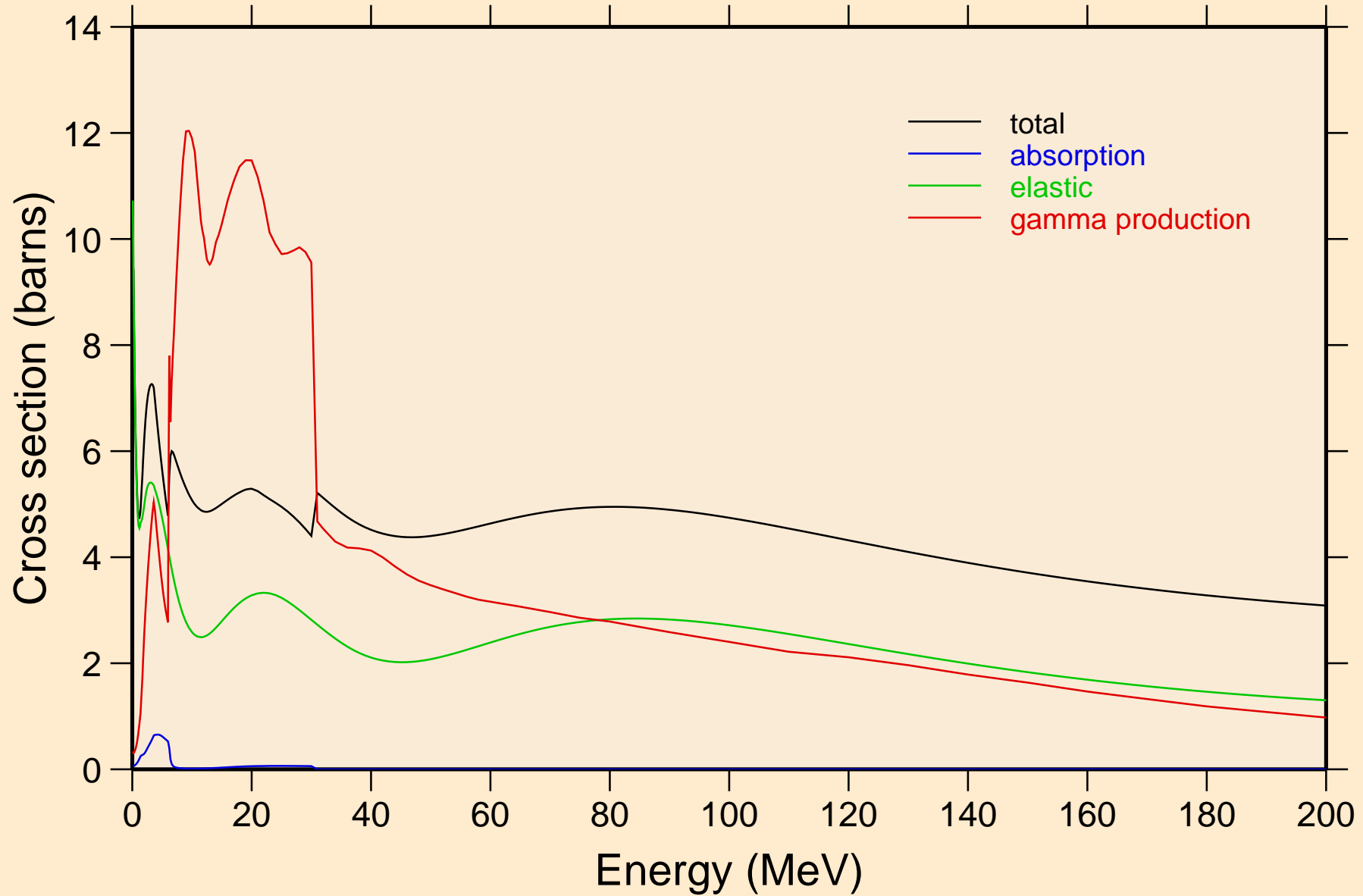
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



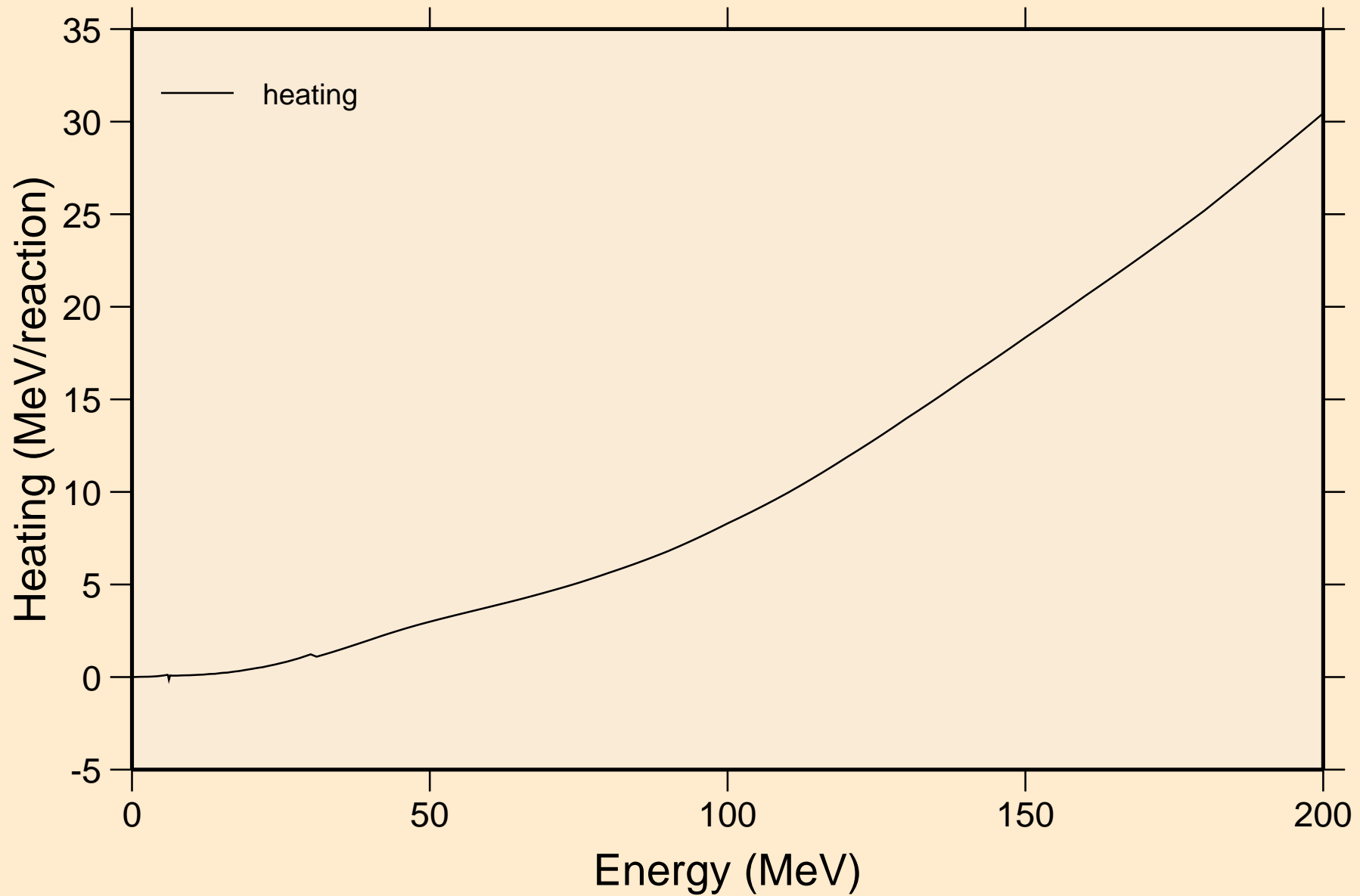
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



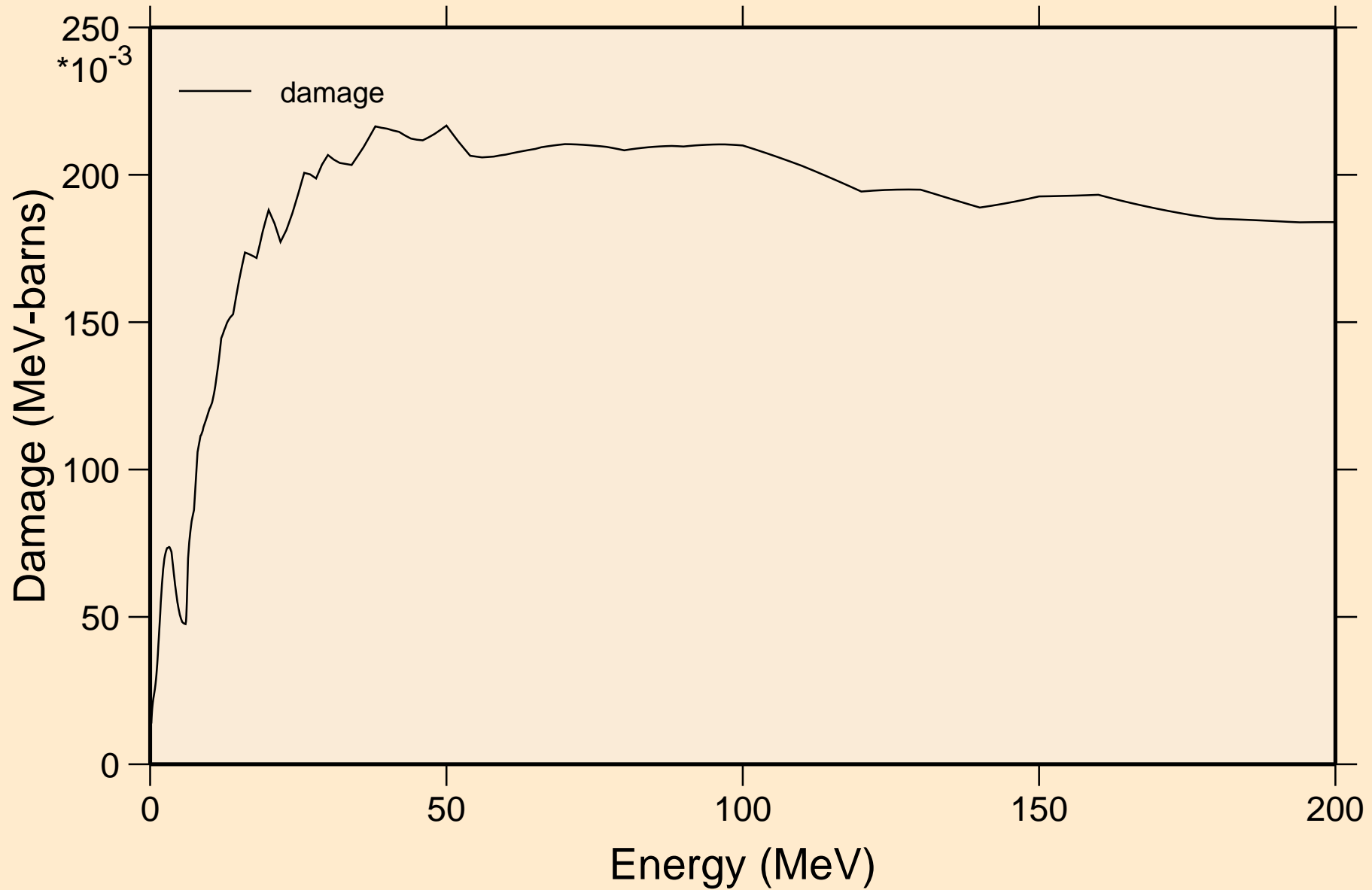
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



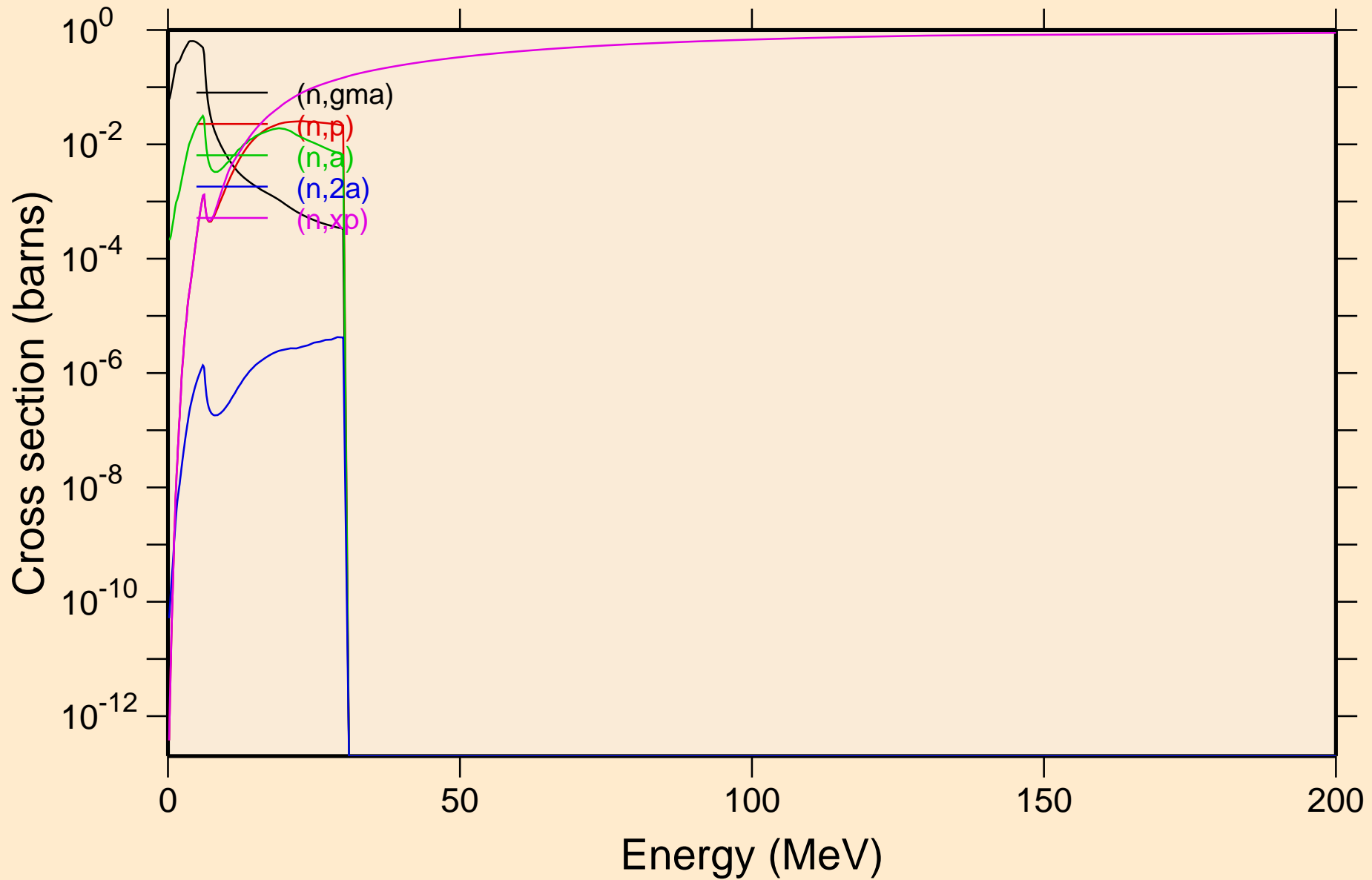
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



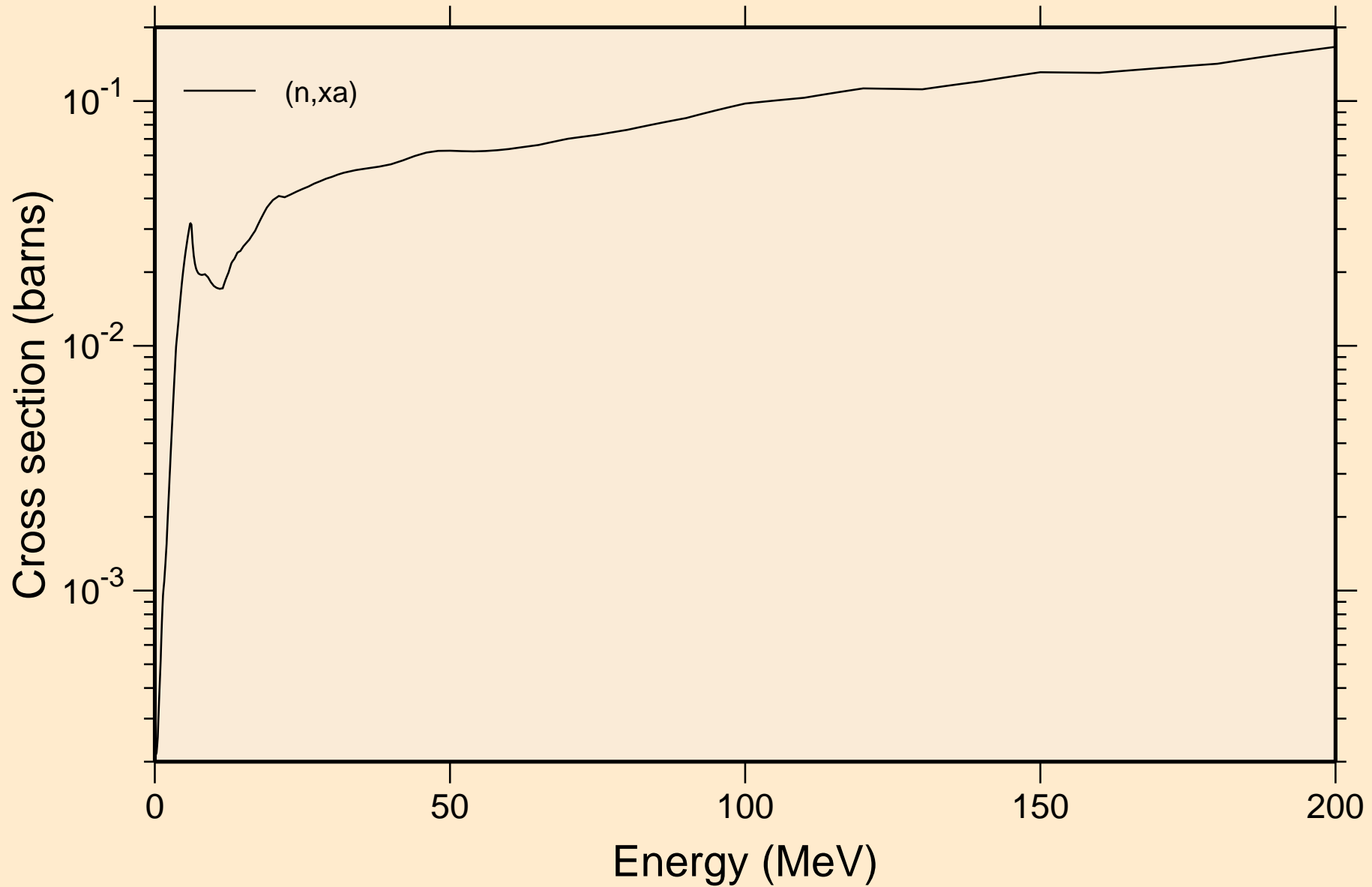
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

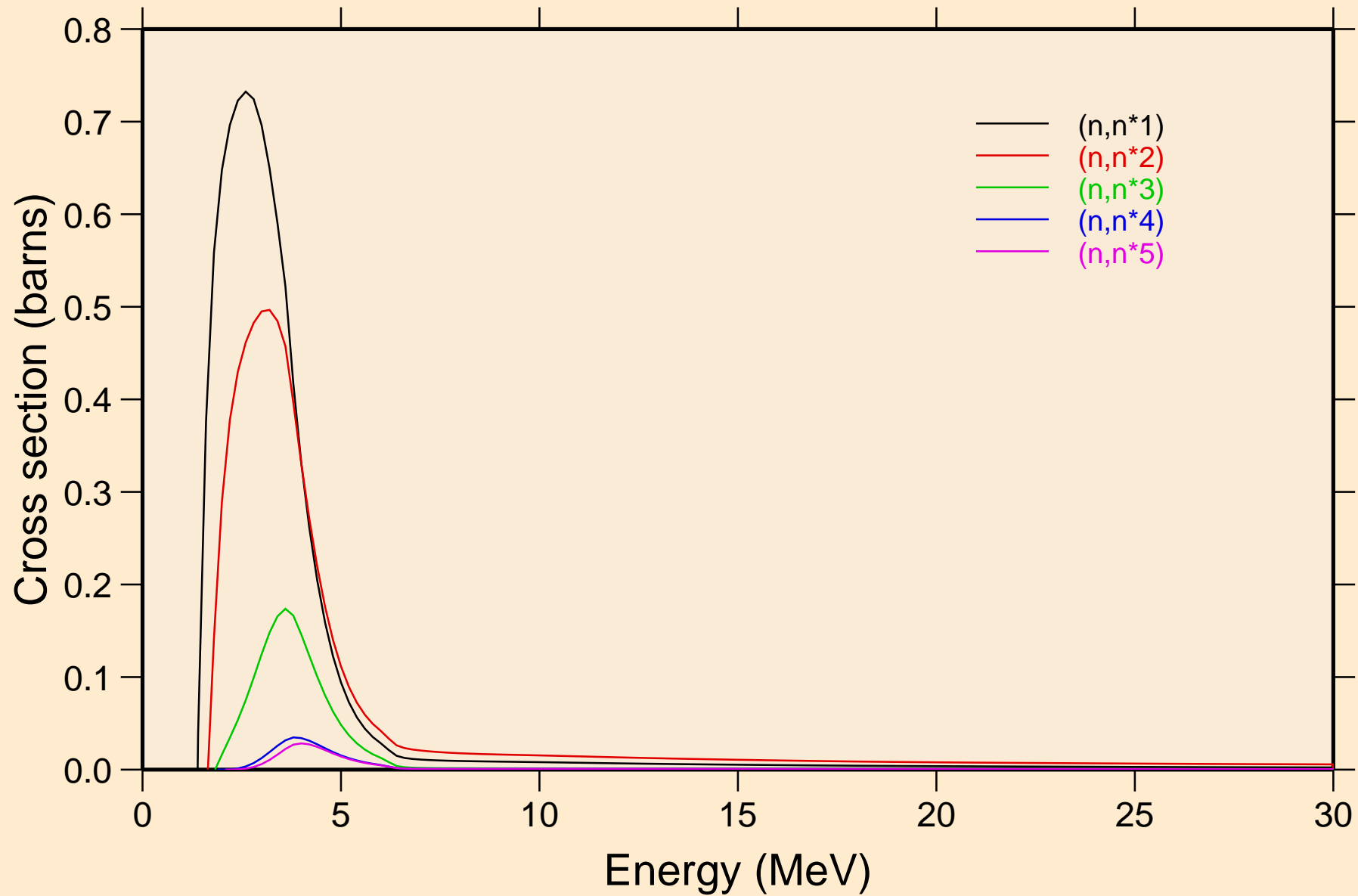


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

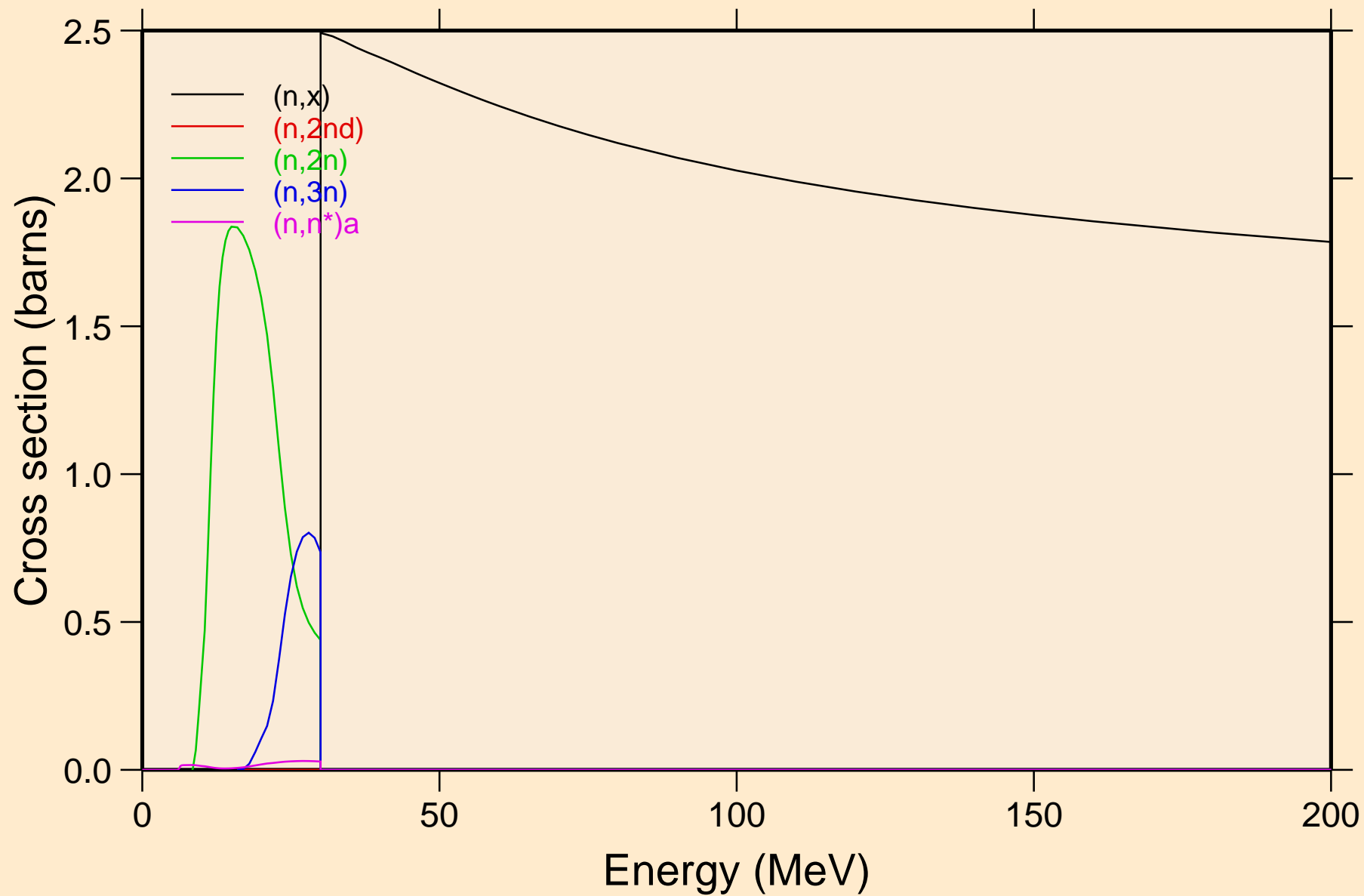




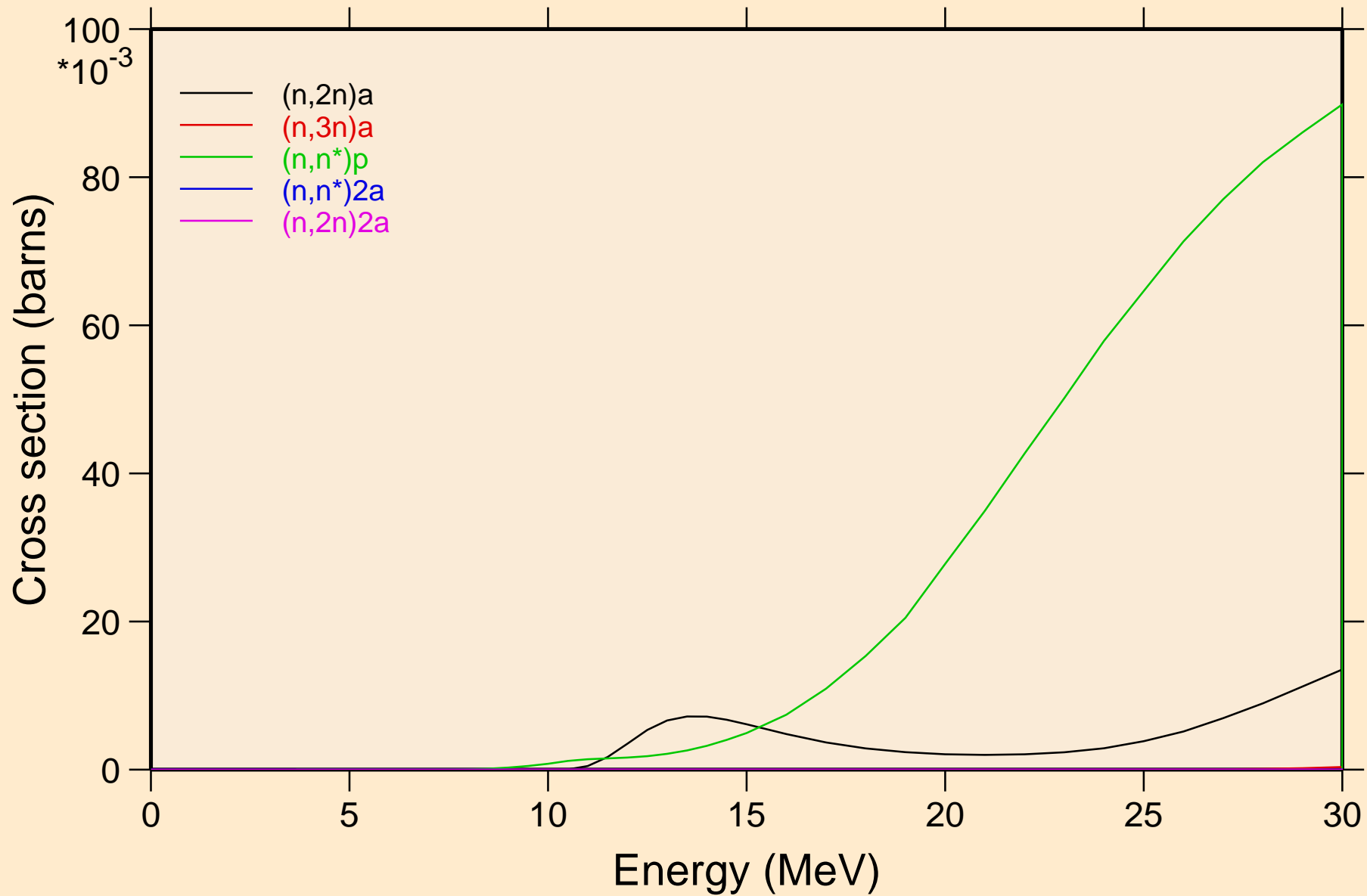
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



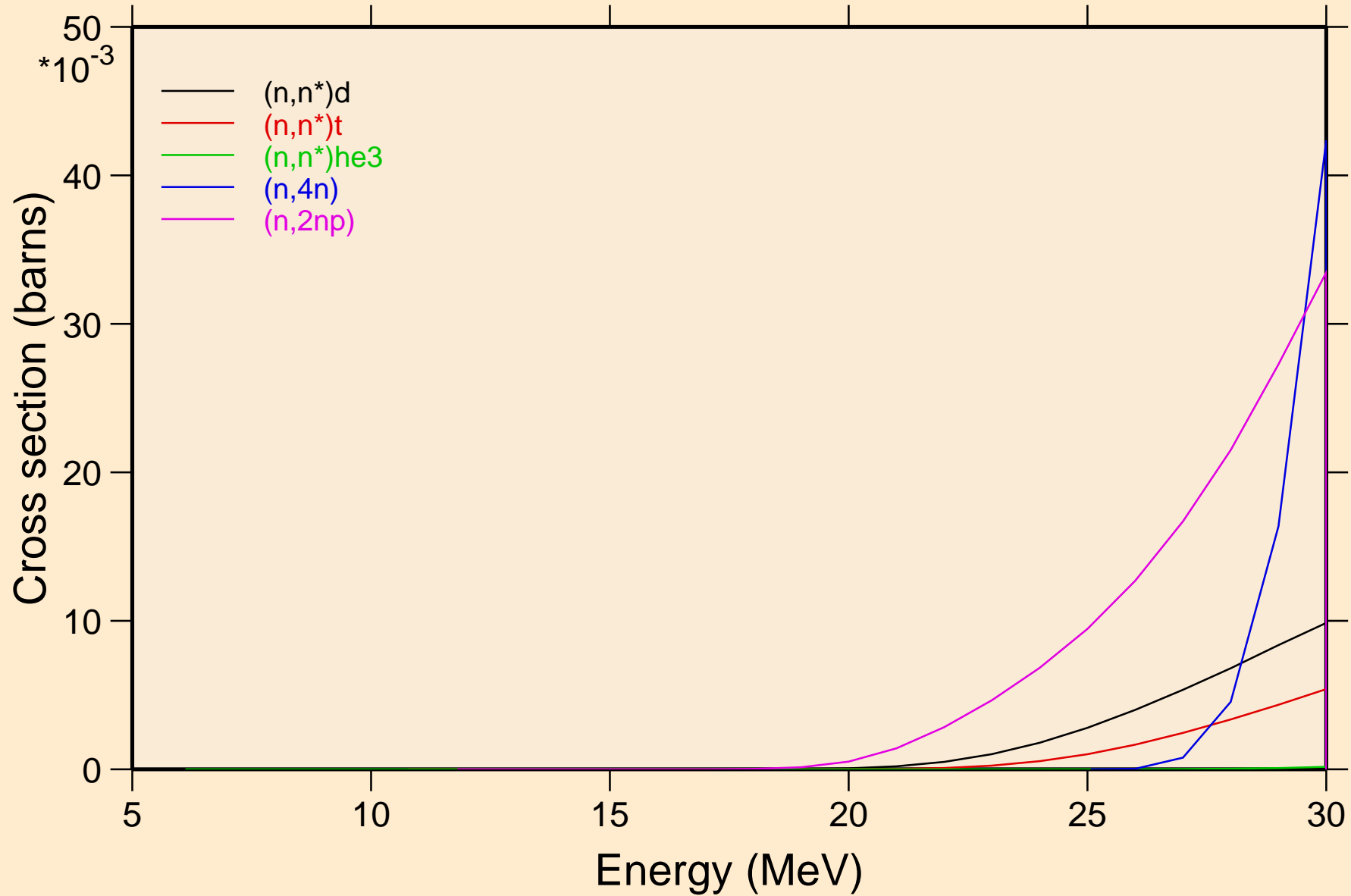
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



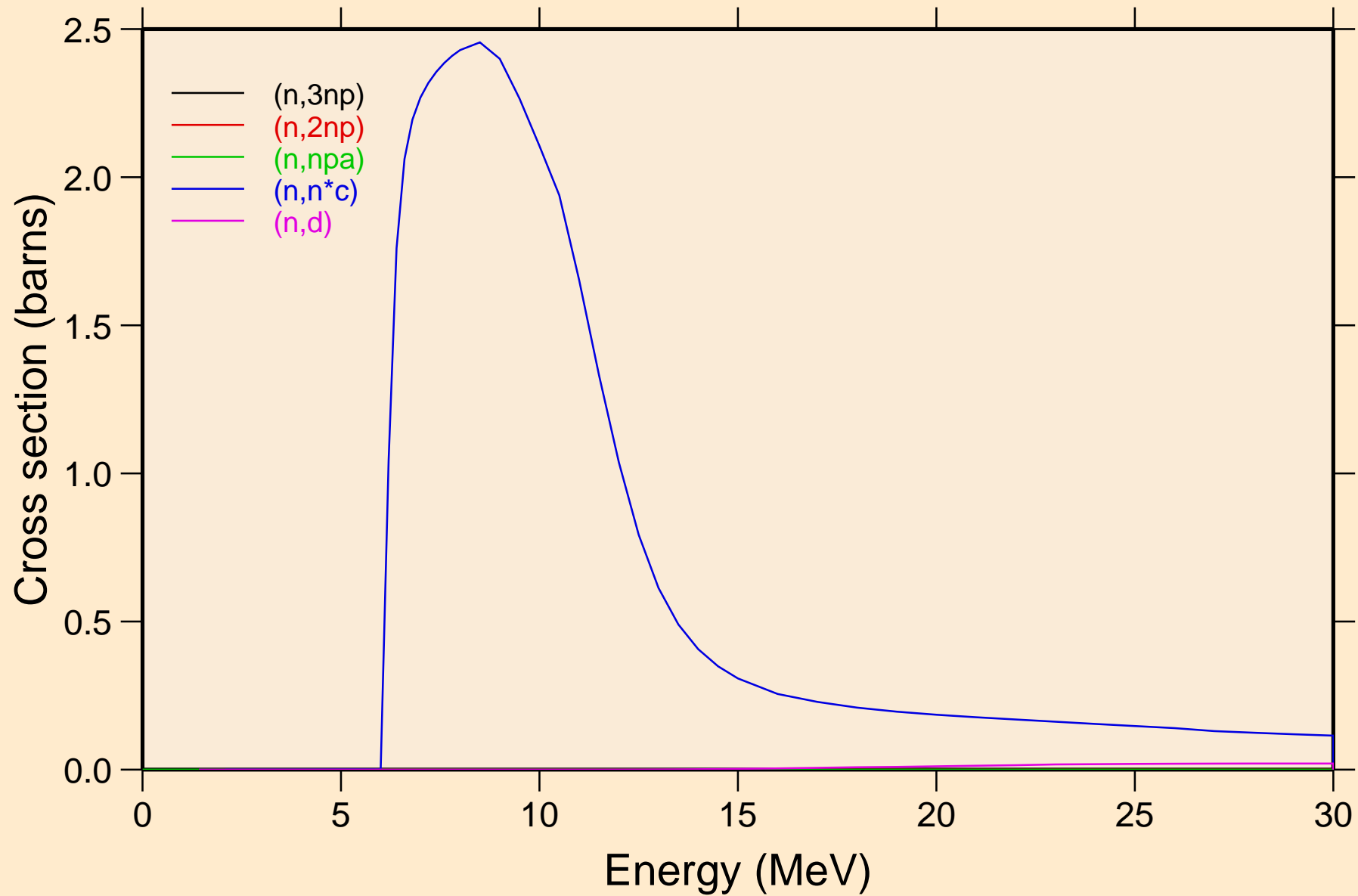
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



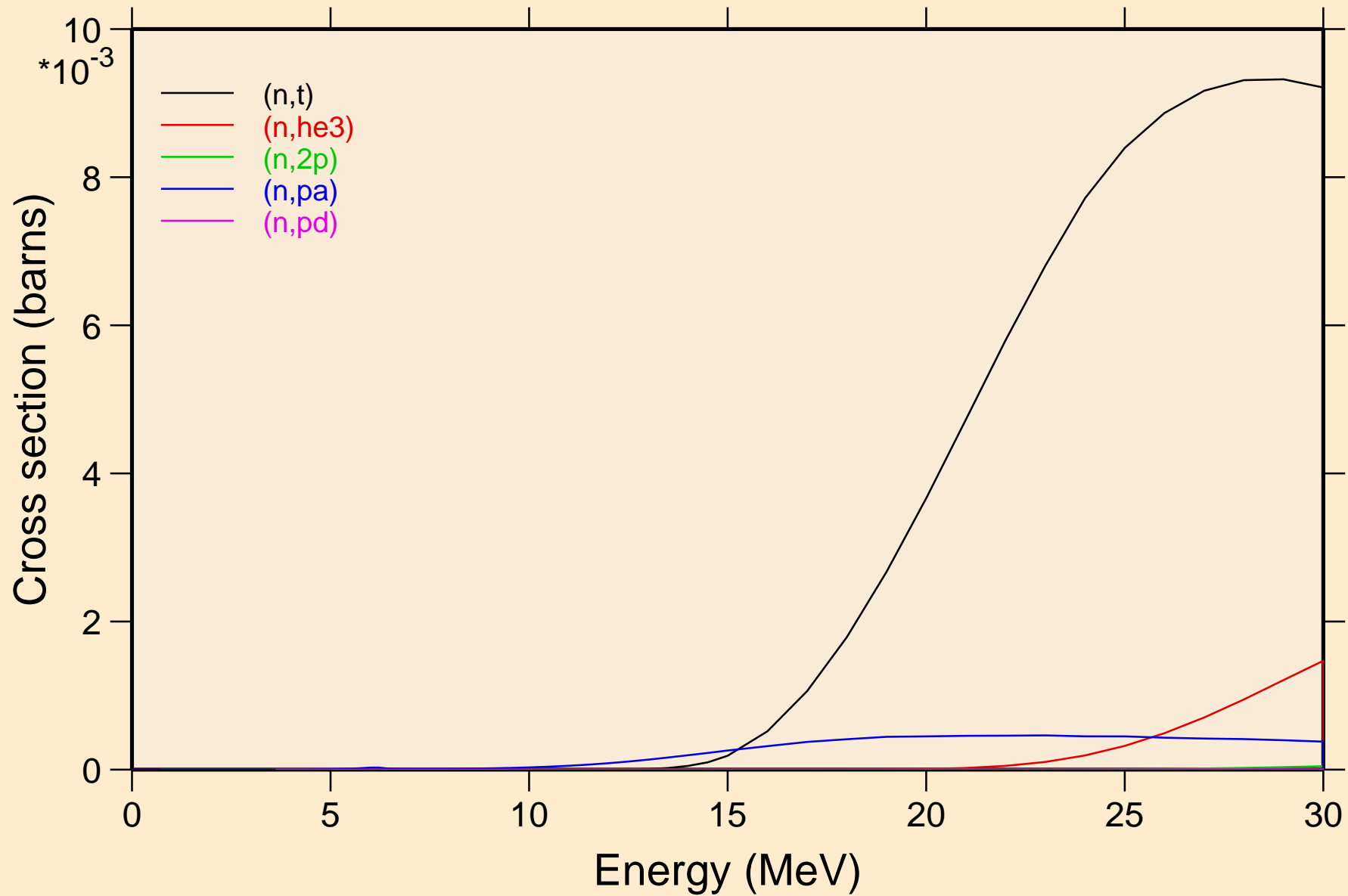
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



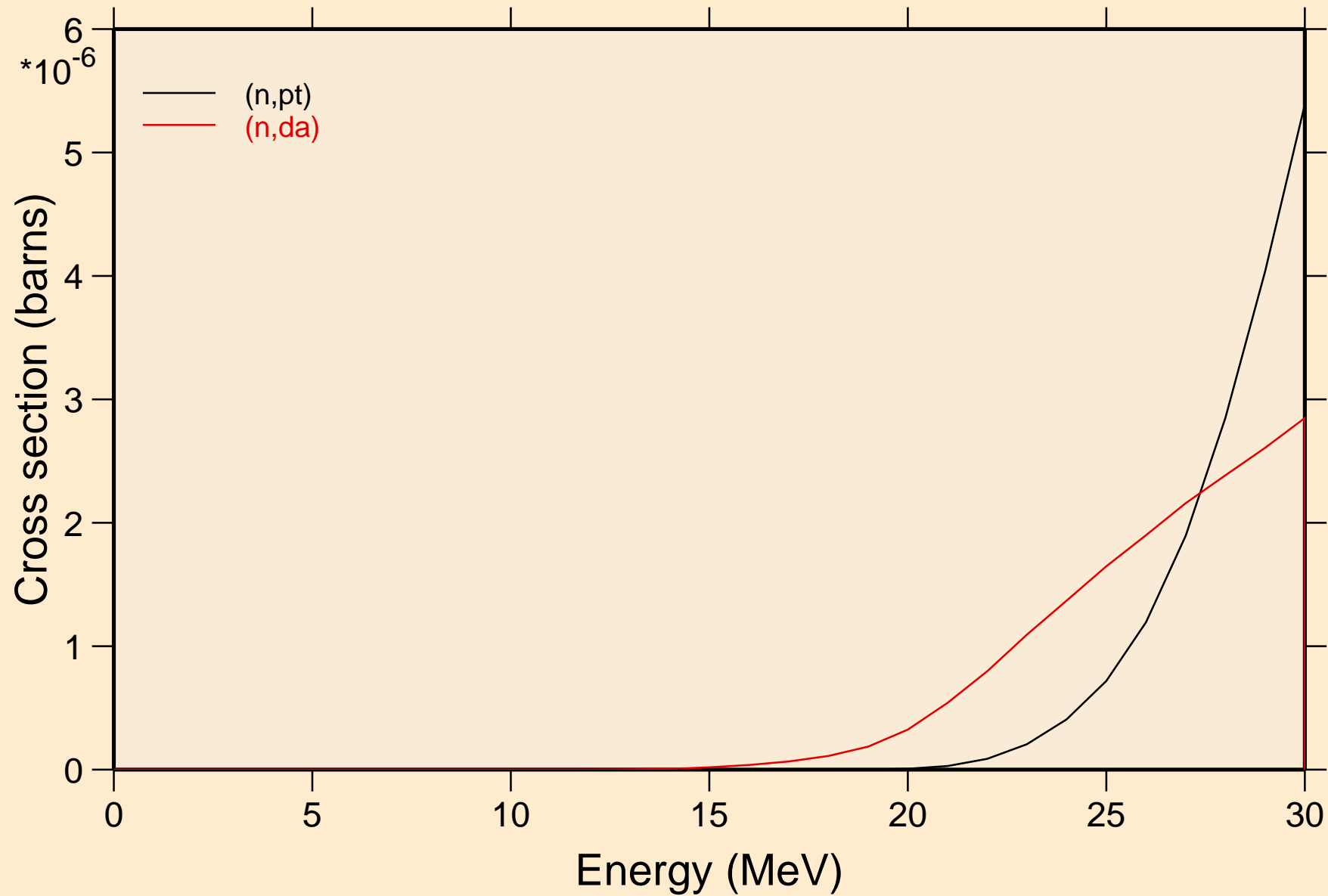
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



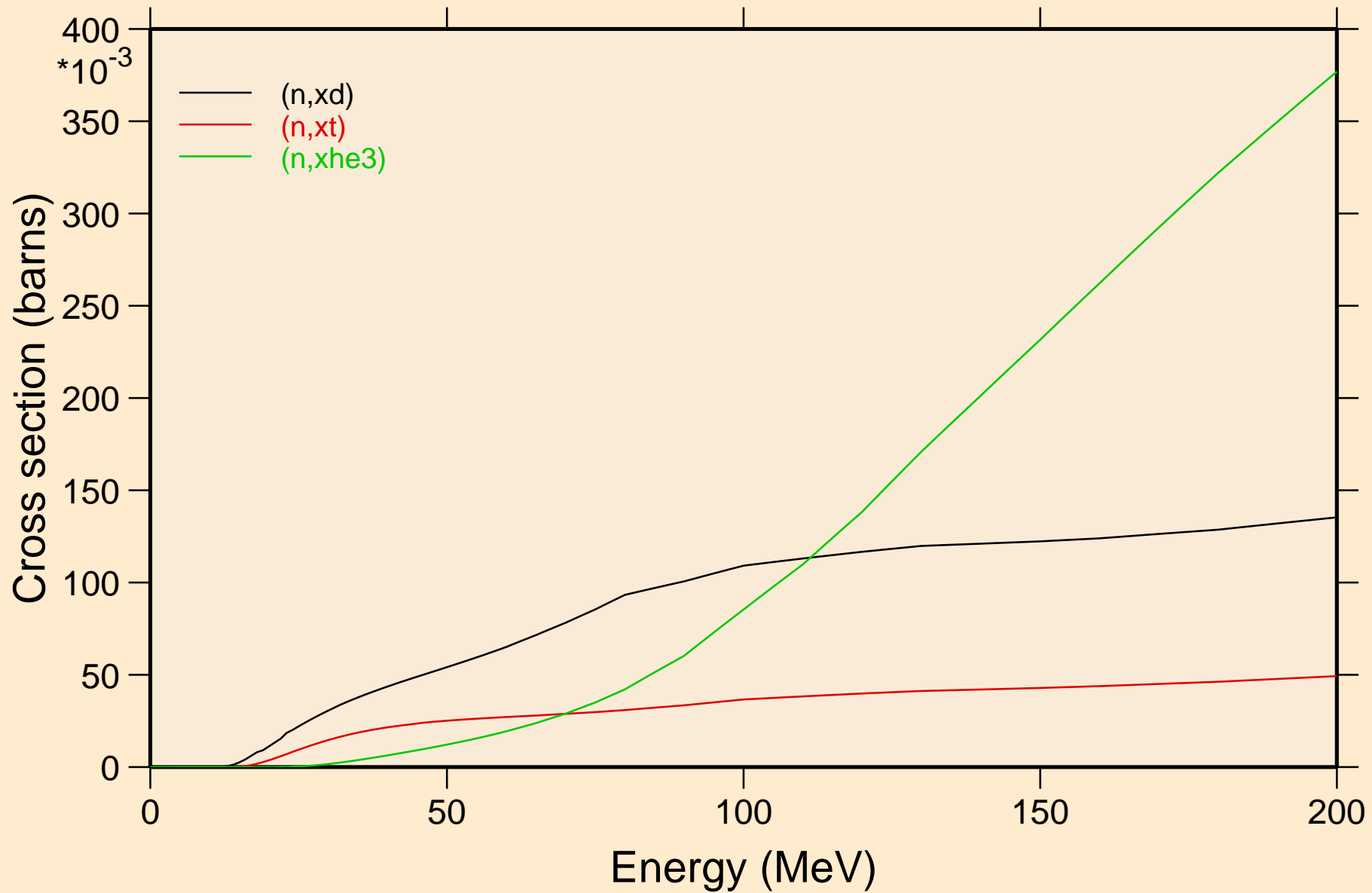
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

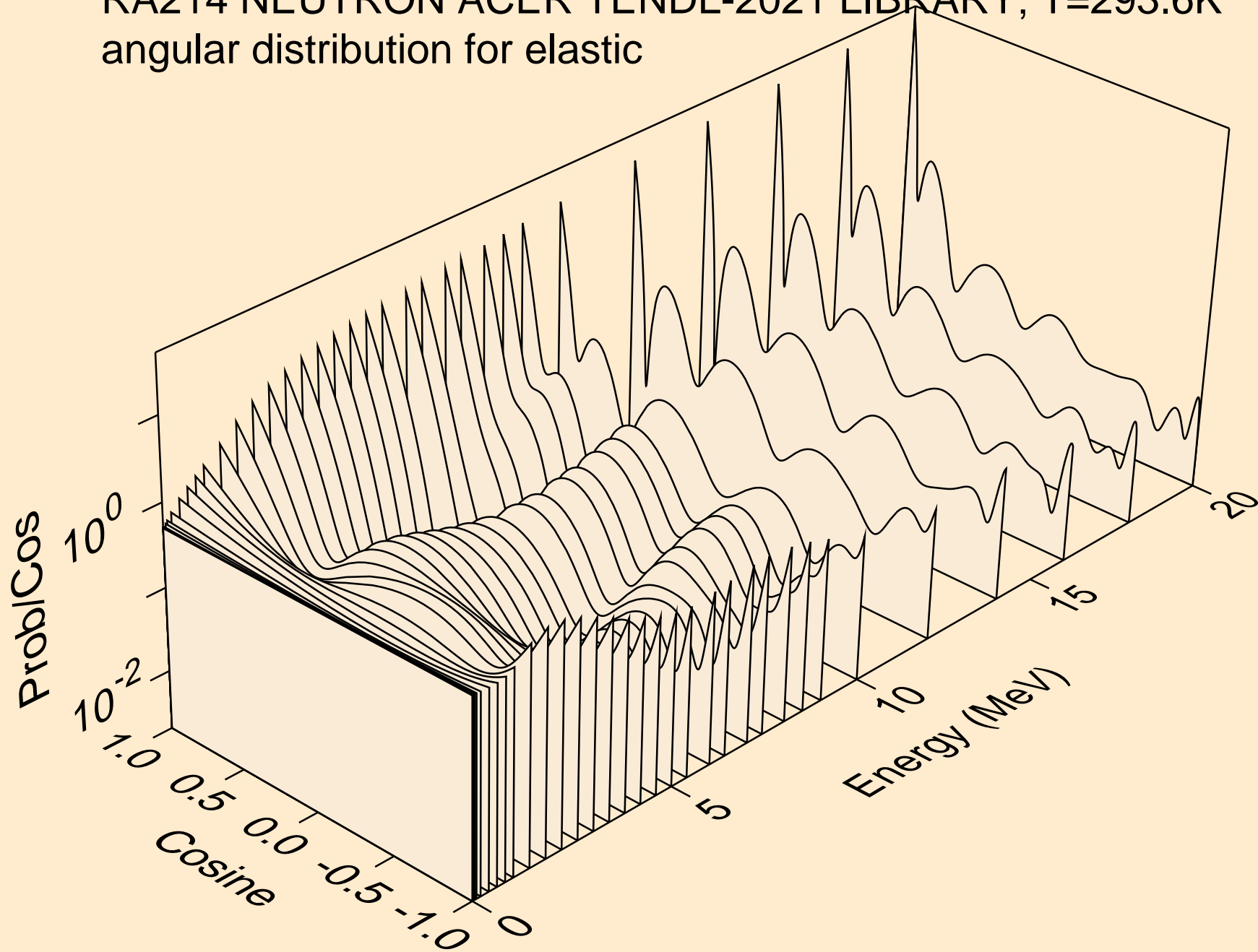


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

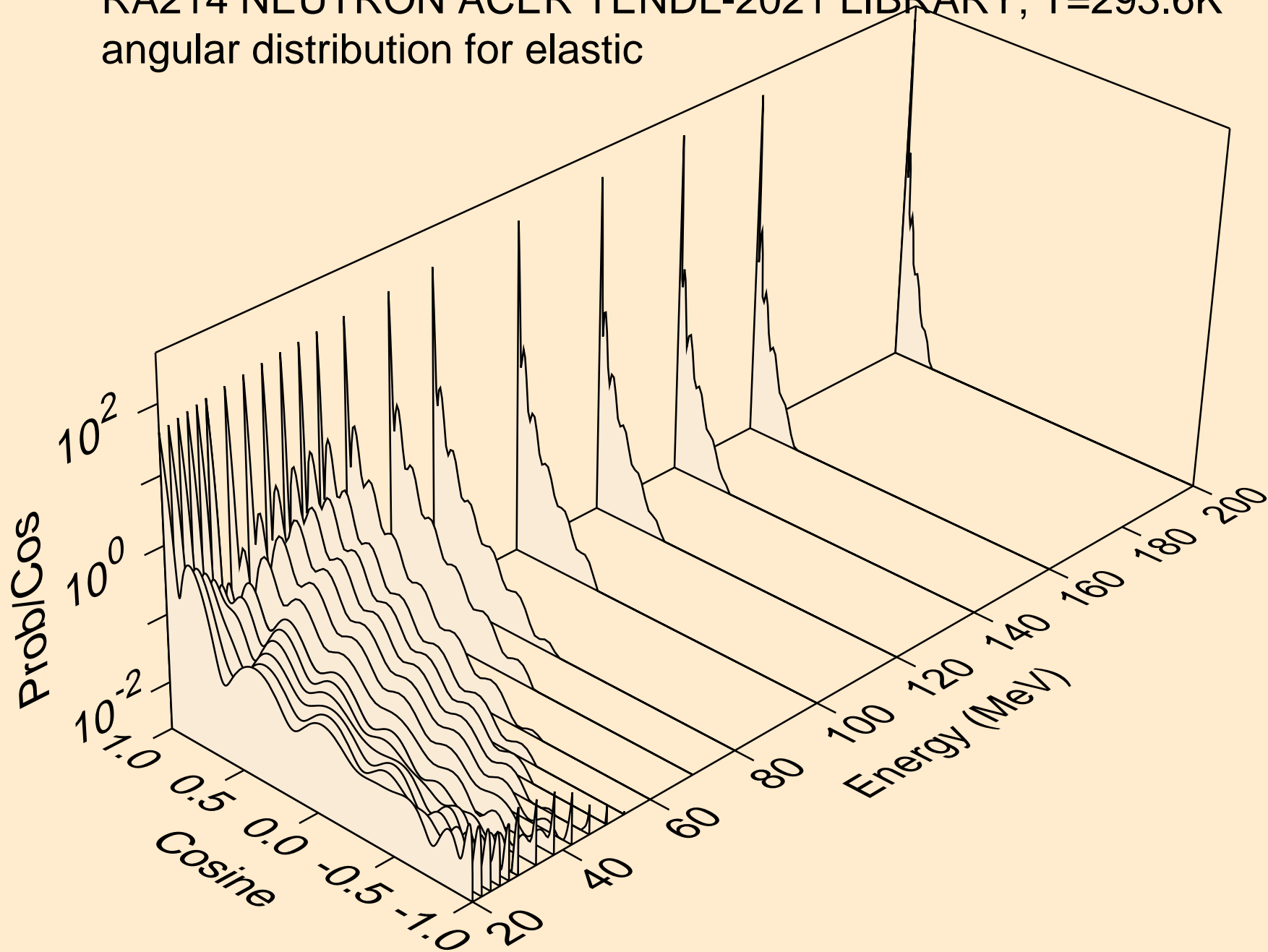




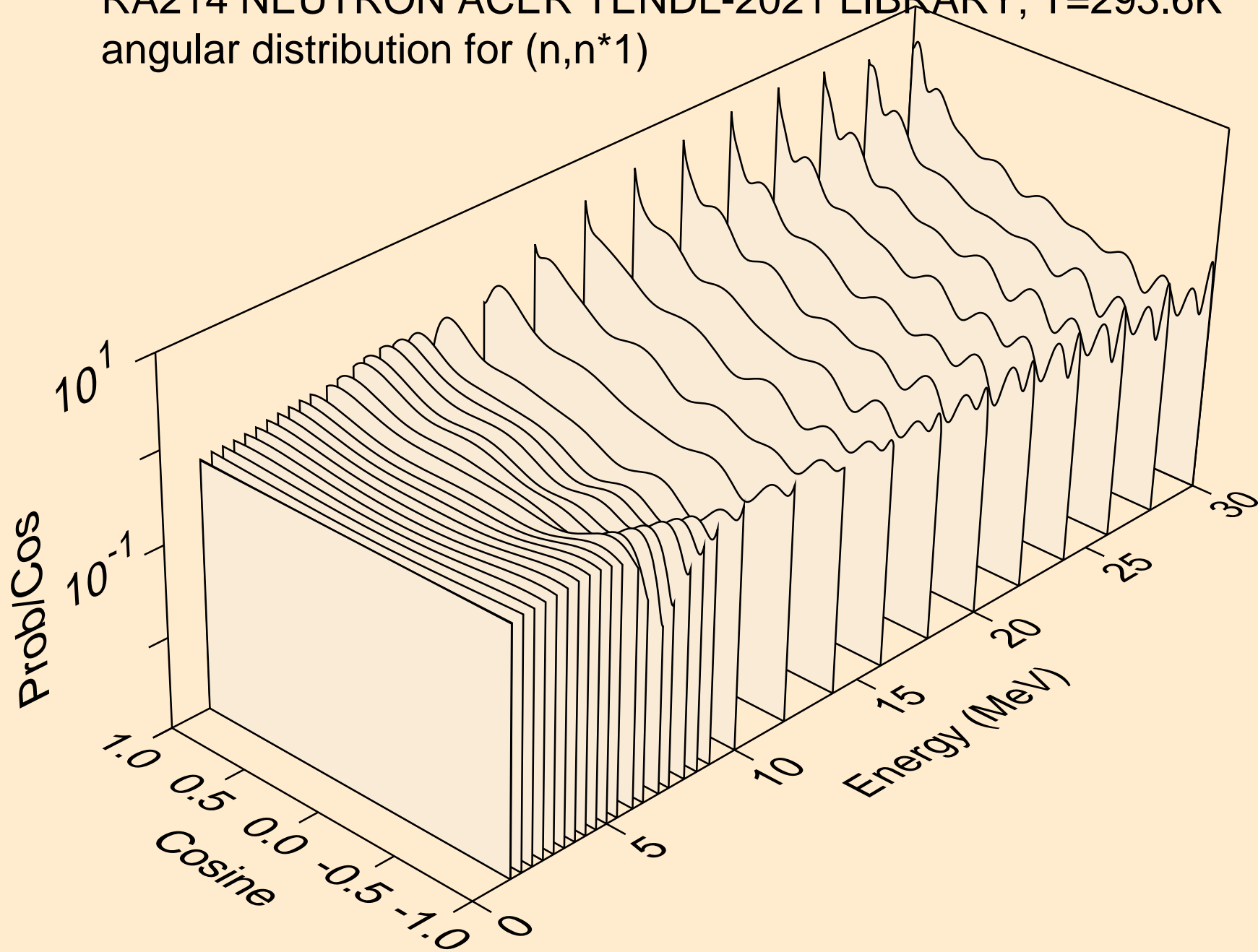
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



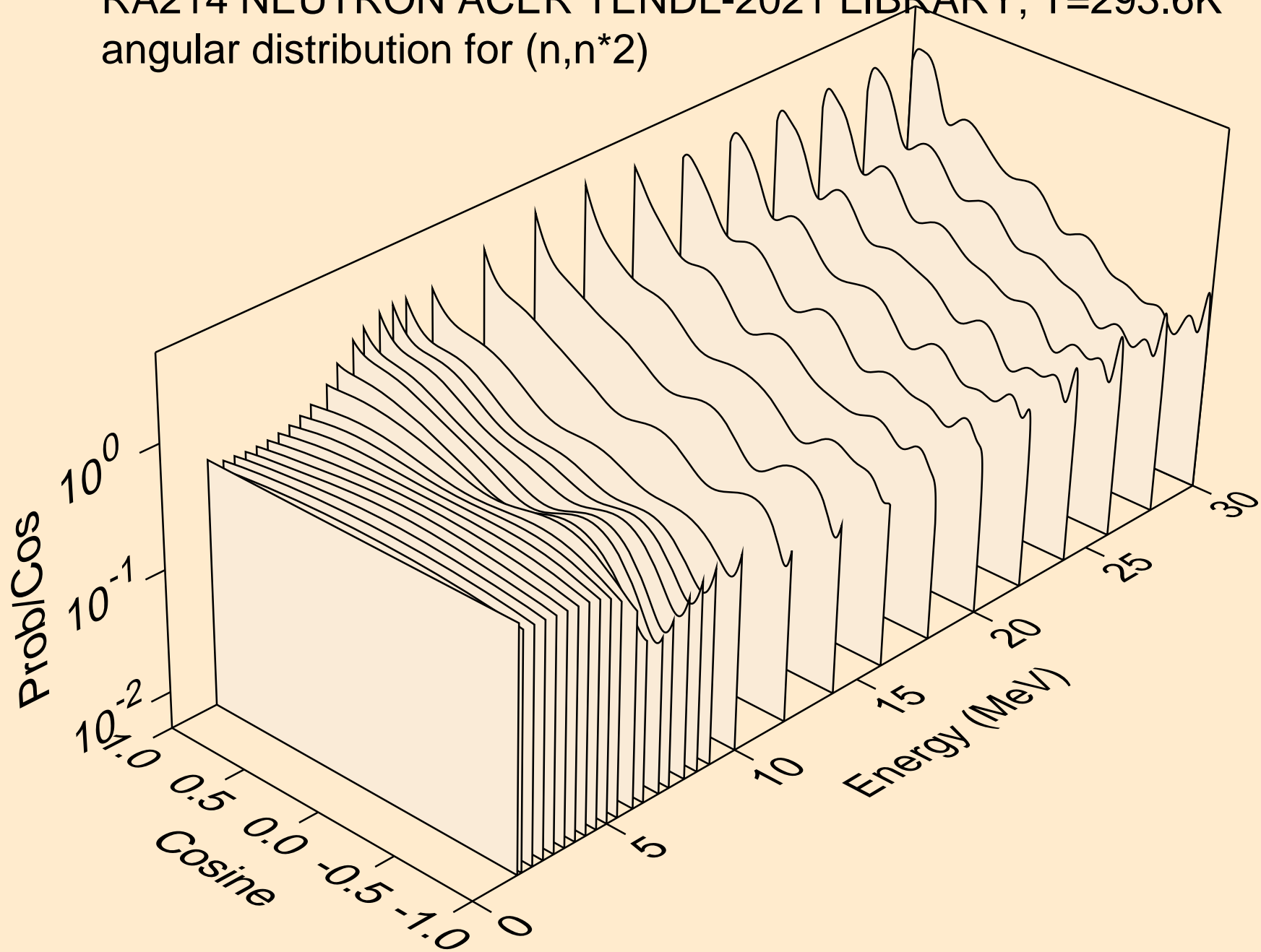
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



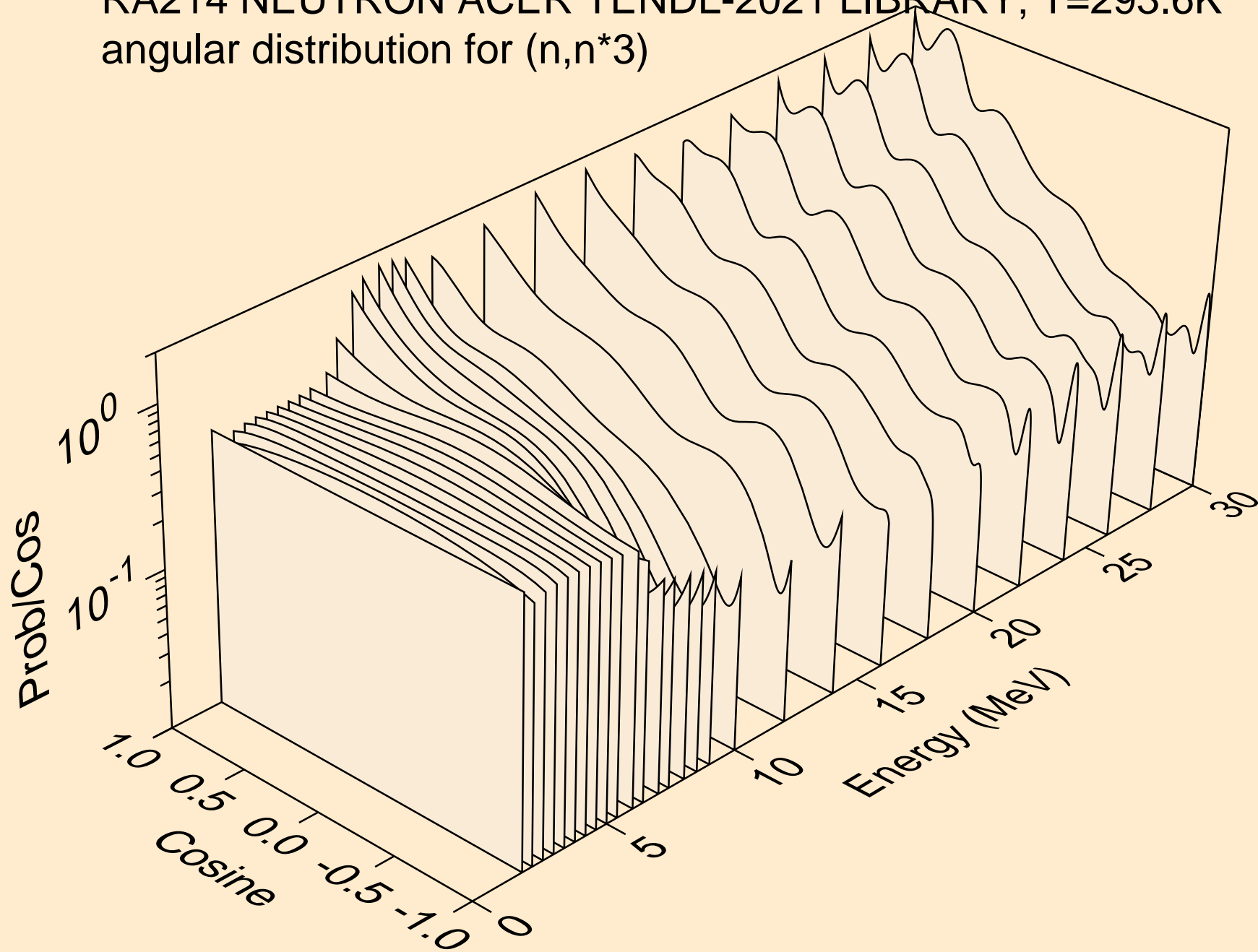
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



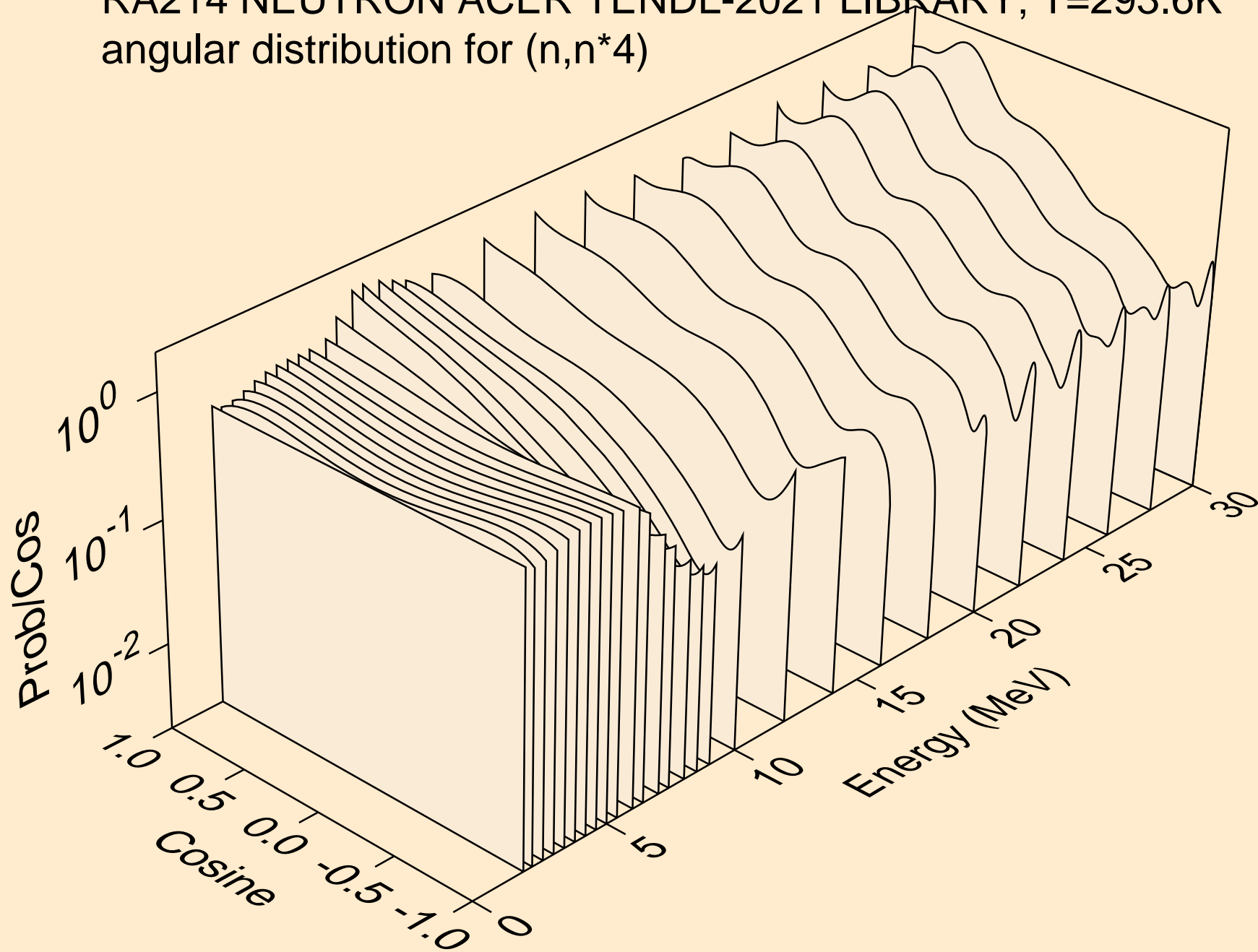
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angular distribution for (n,n\*2)



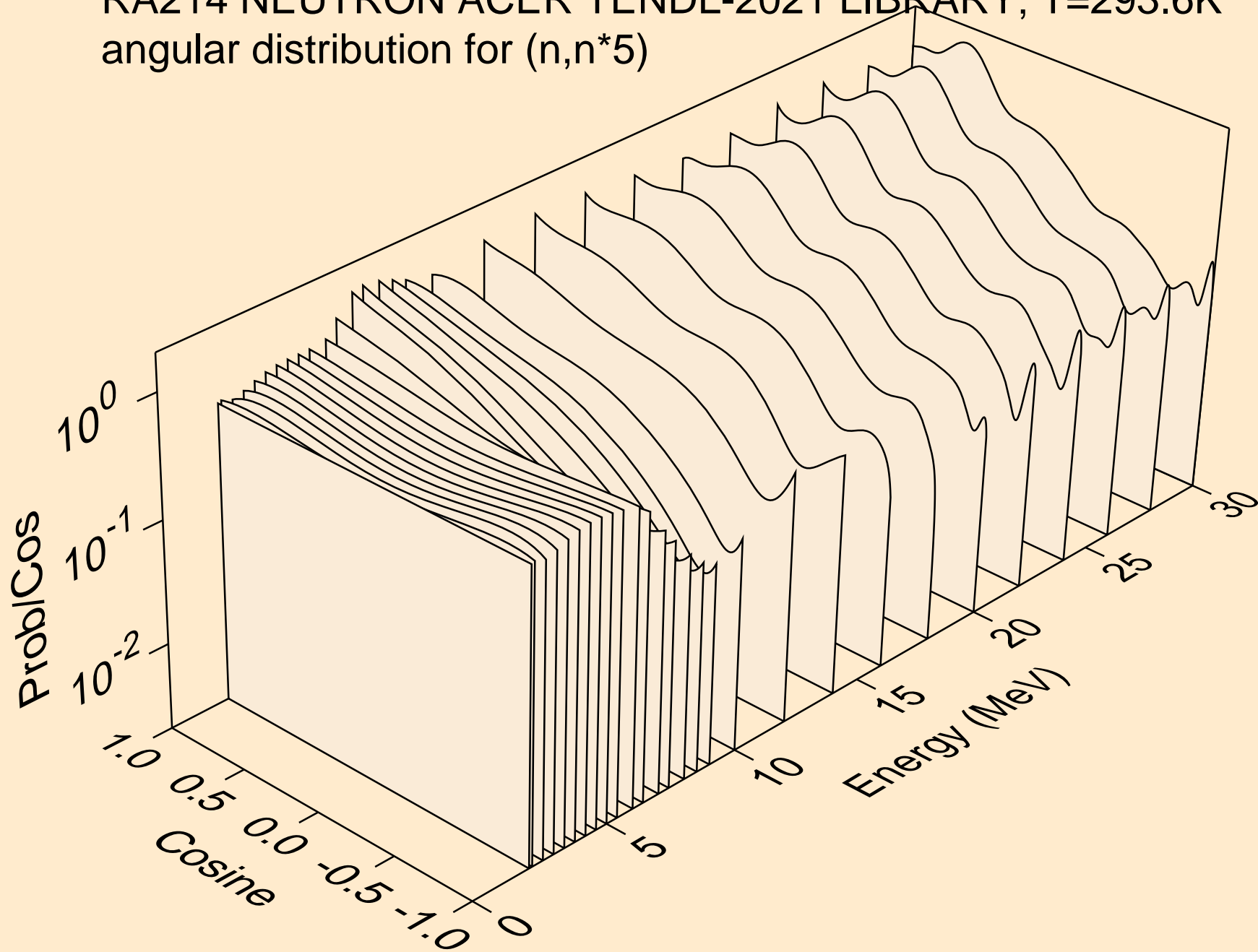
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angular distribution for (n,n\*3)



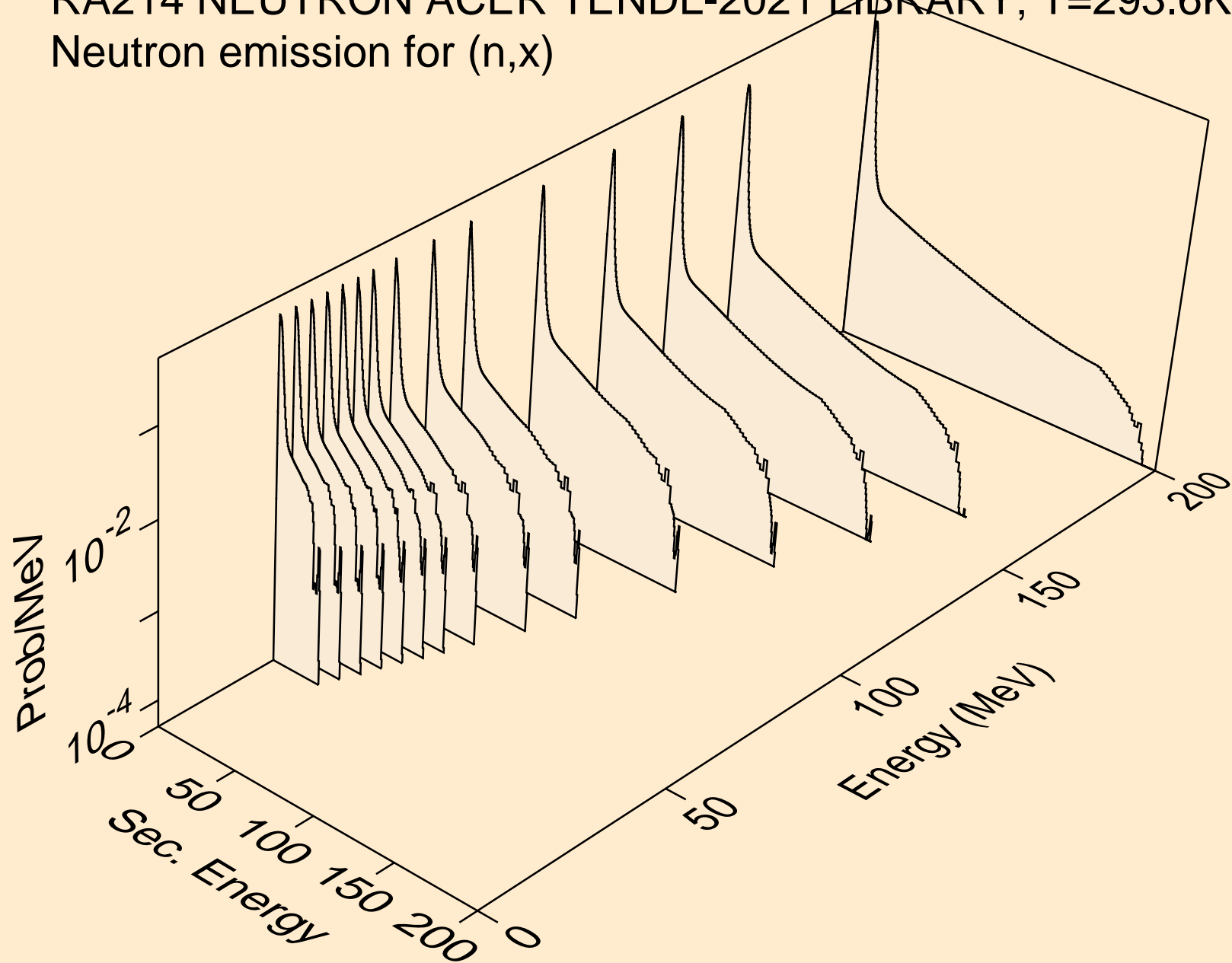
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

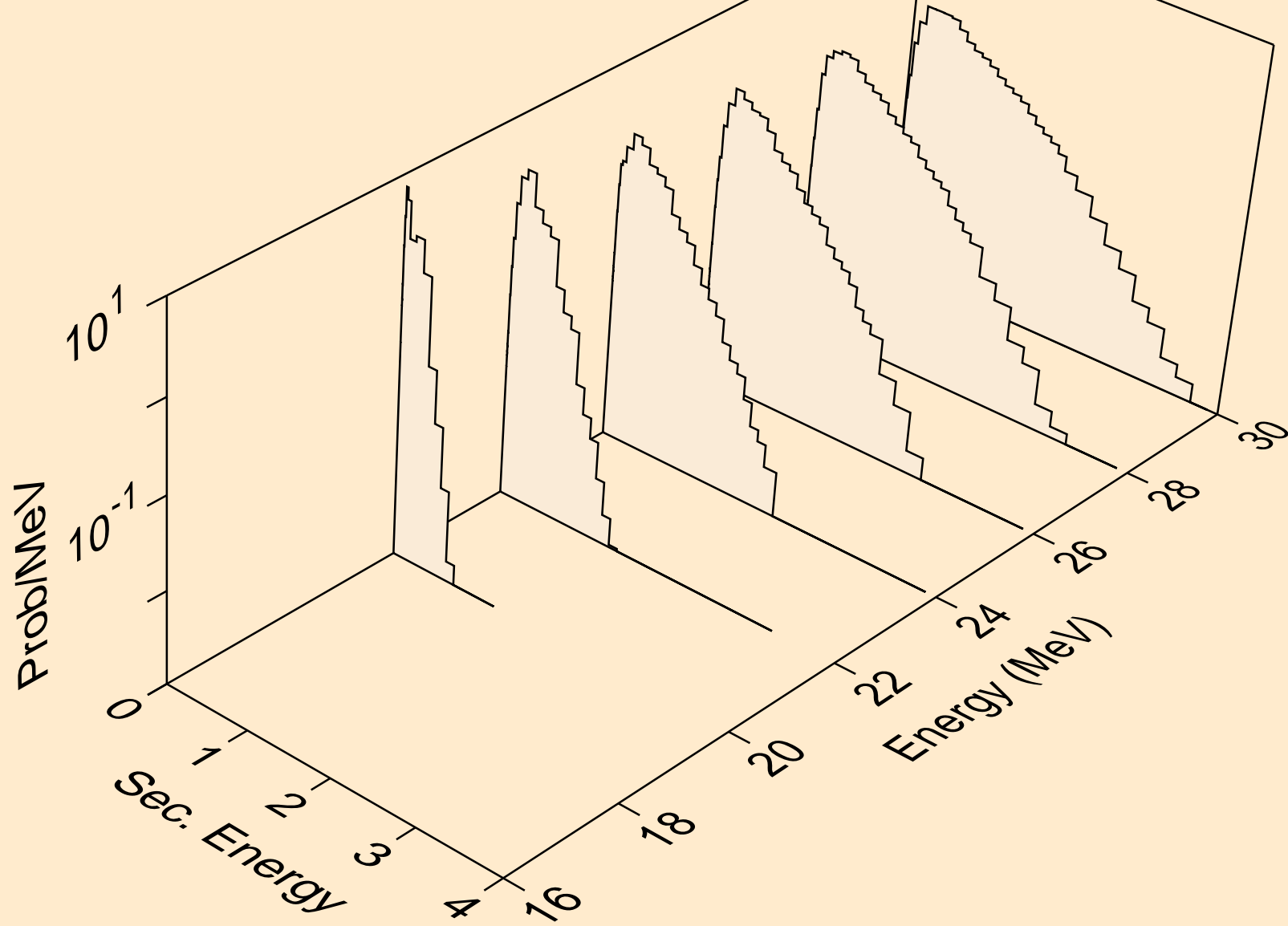


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

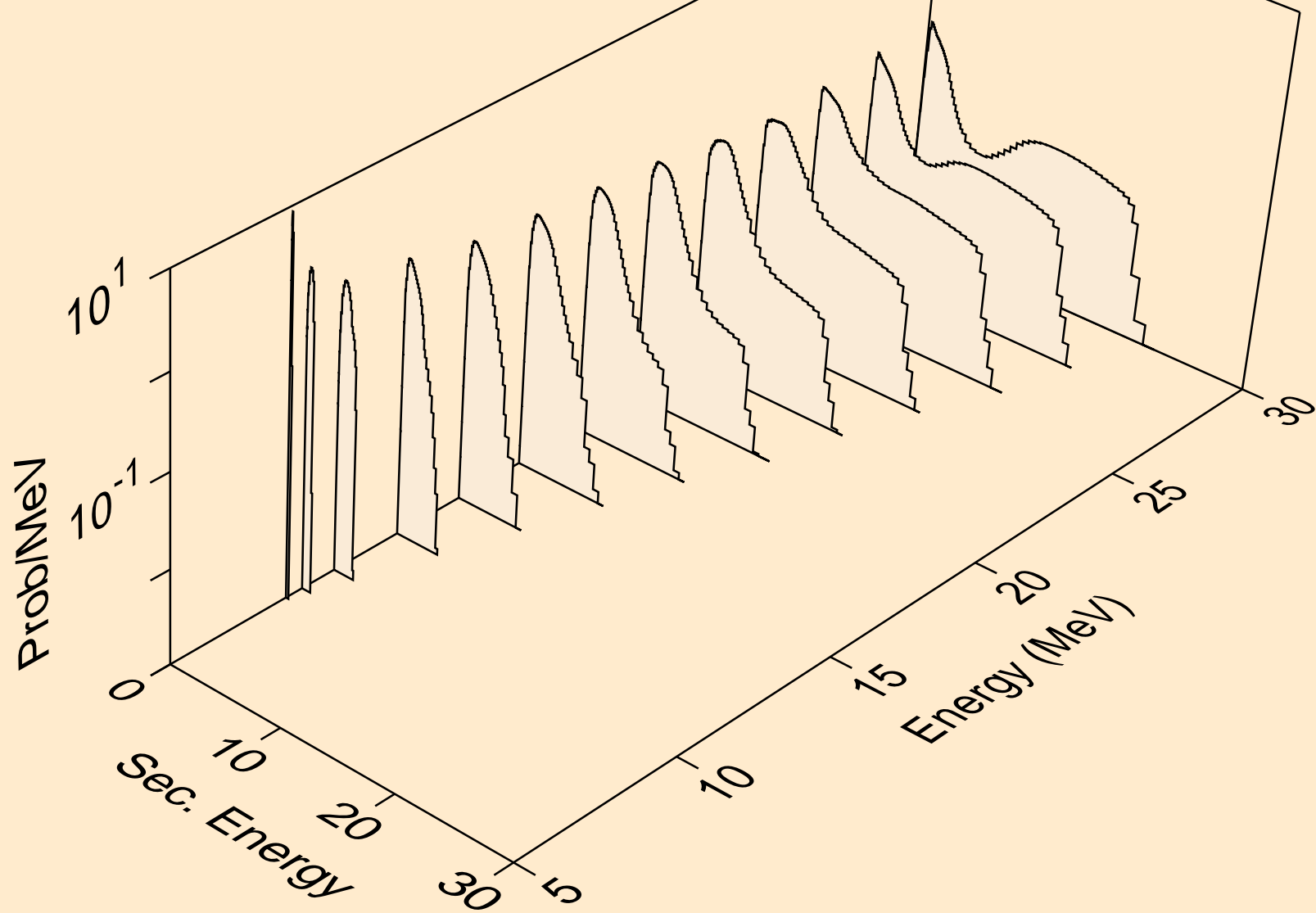




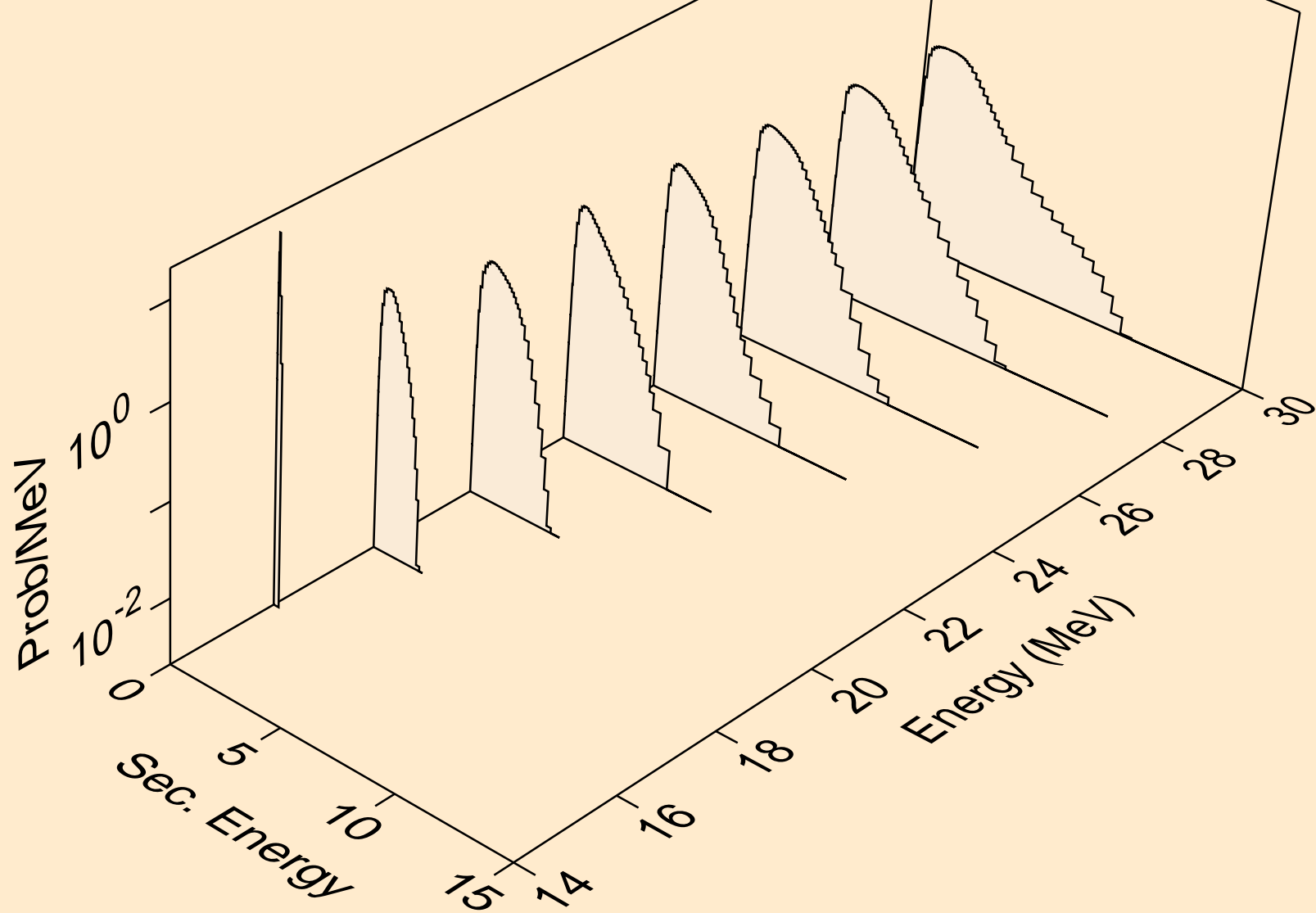
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



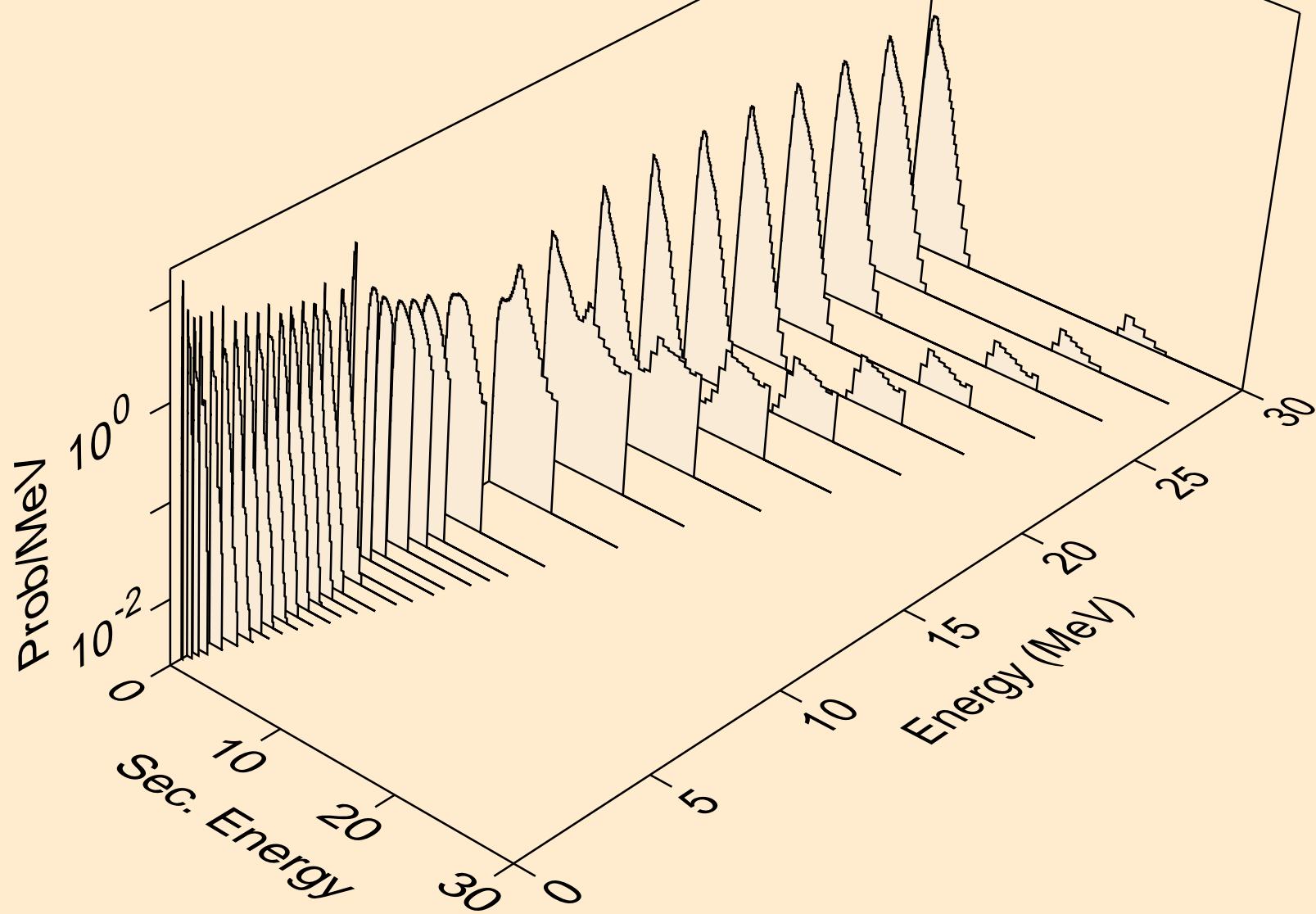
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



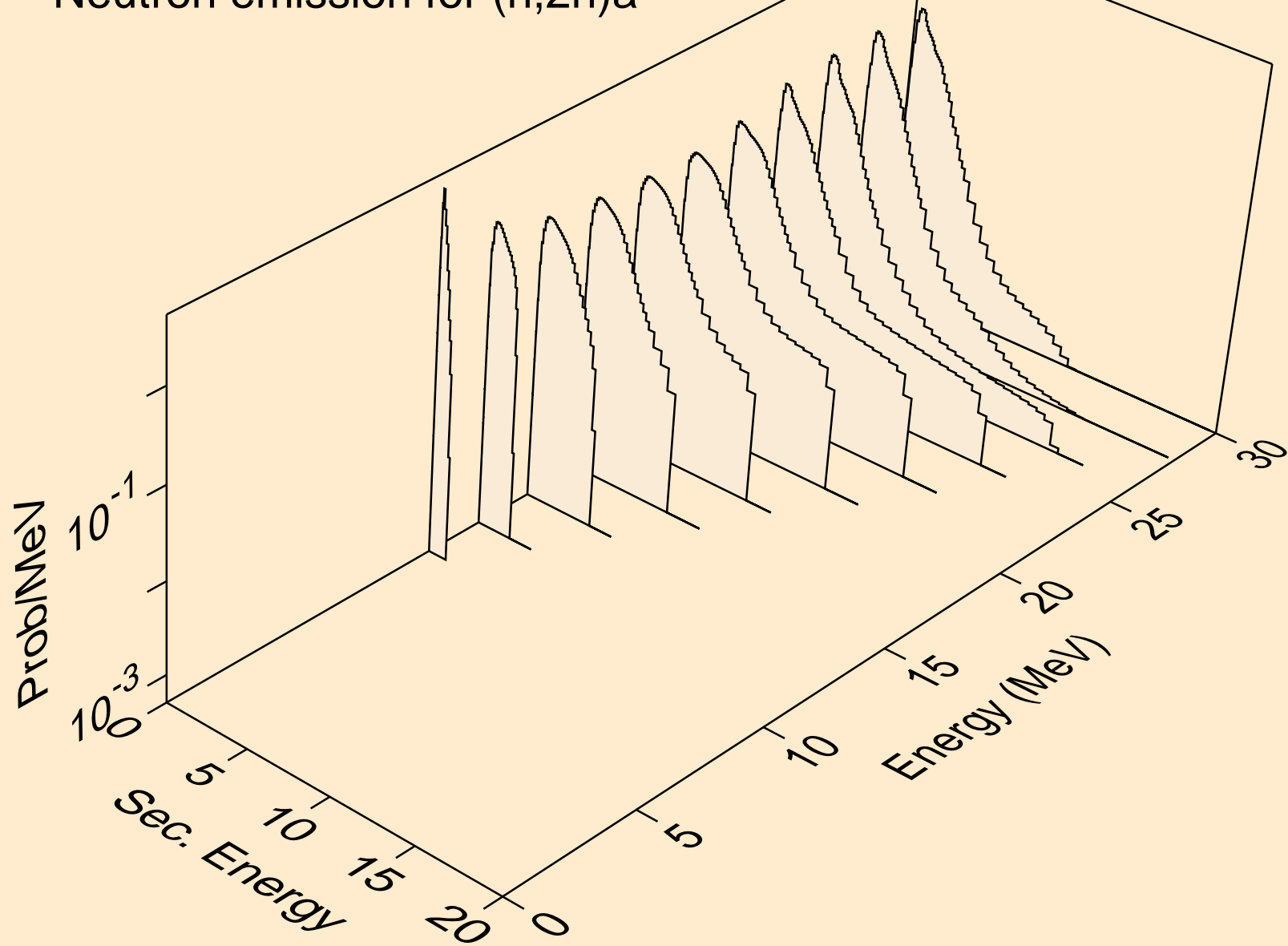
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



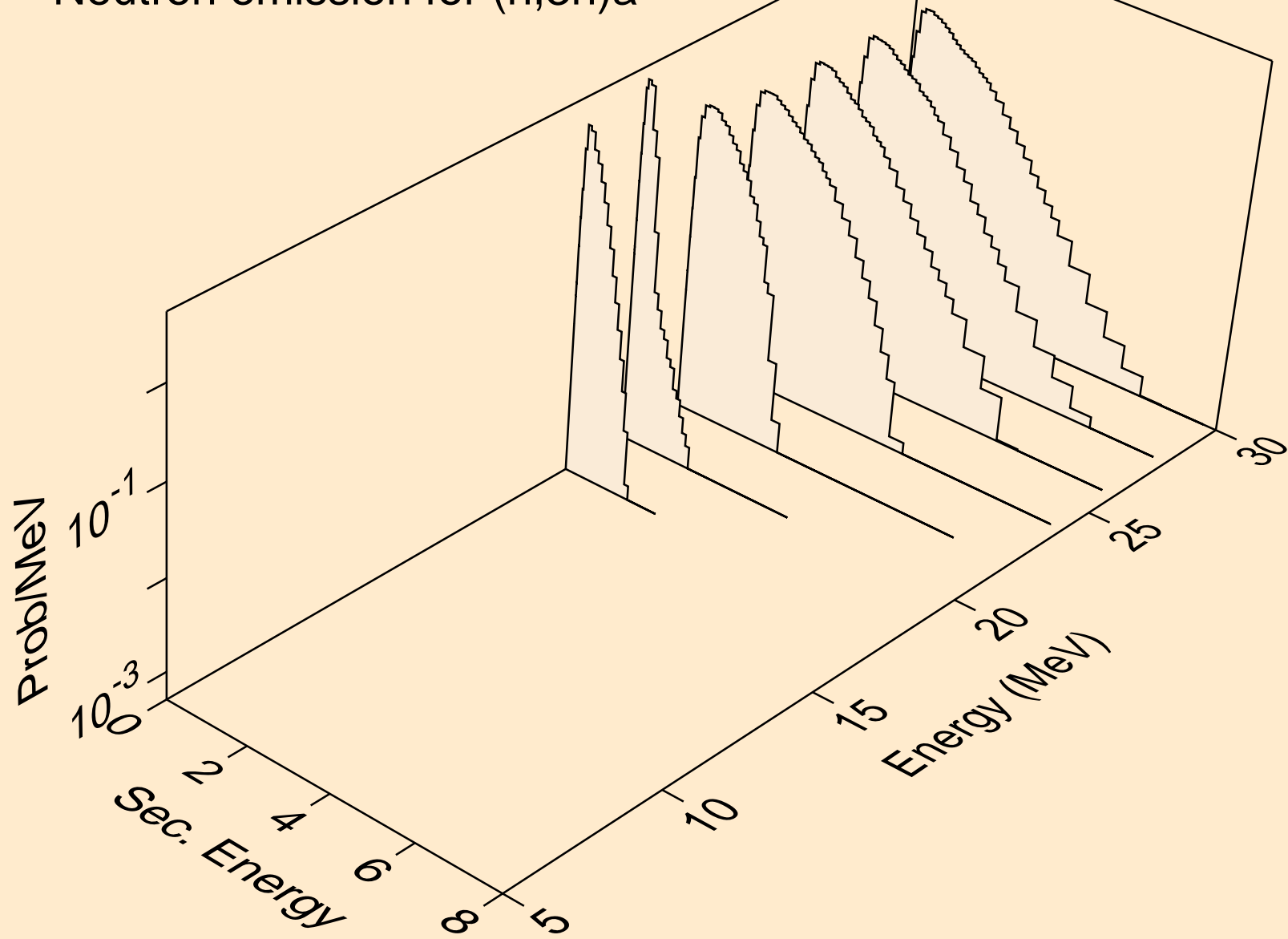
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



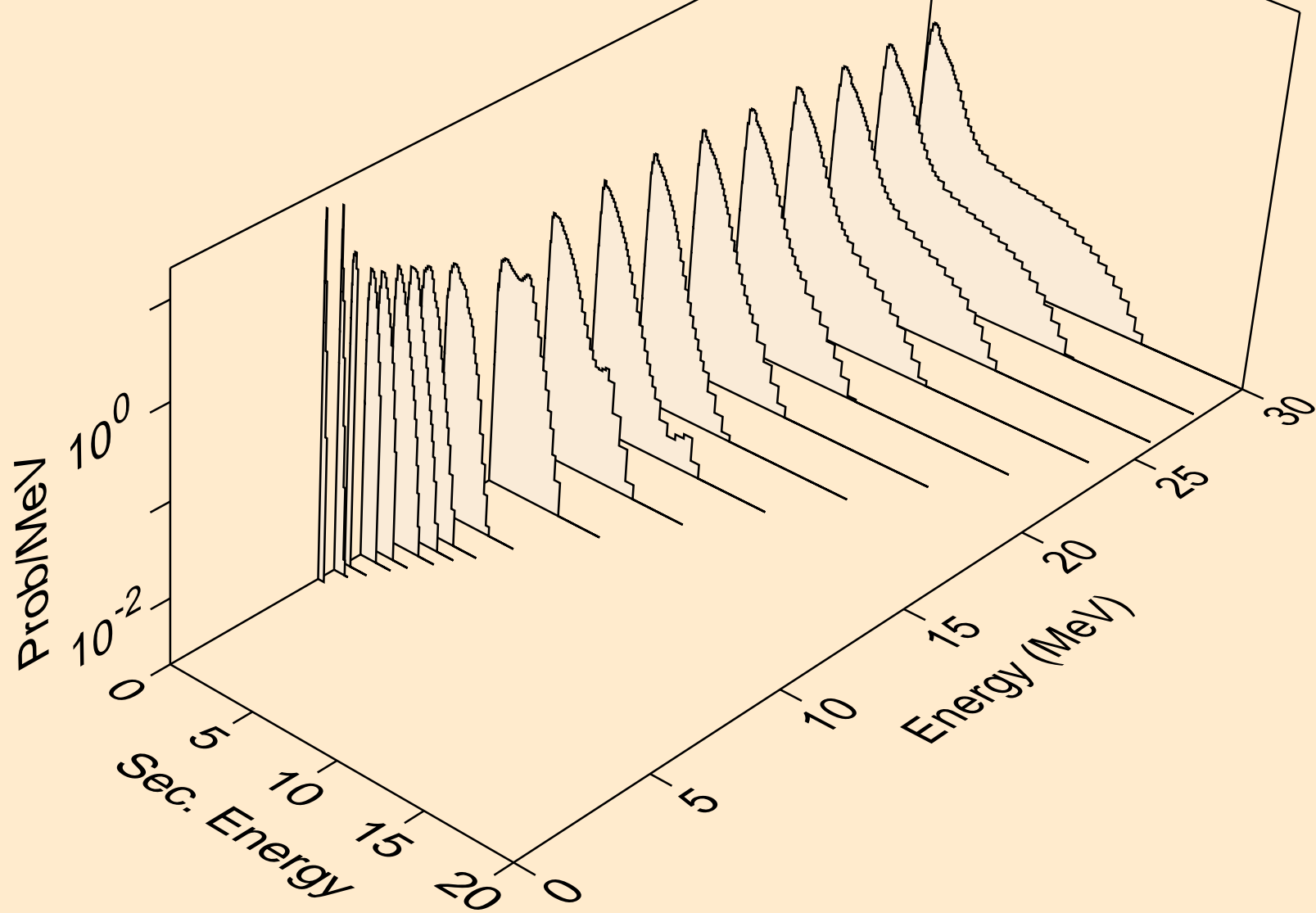
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



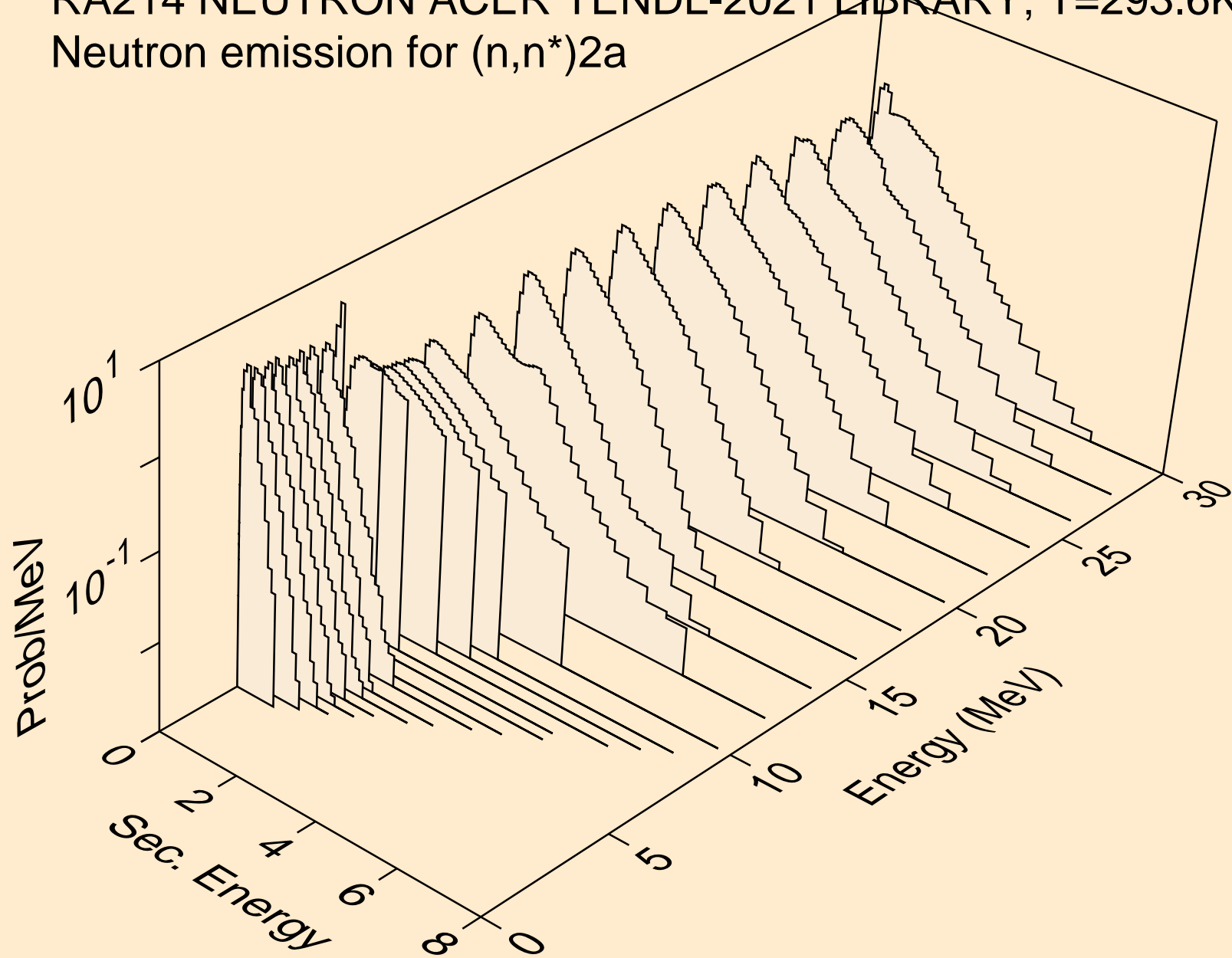
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

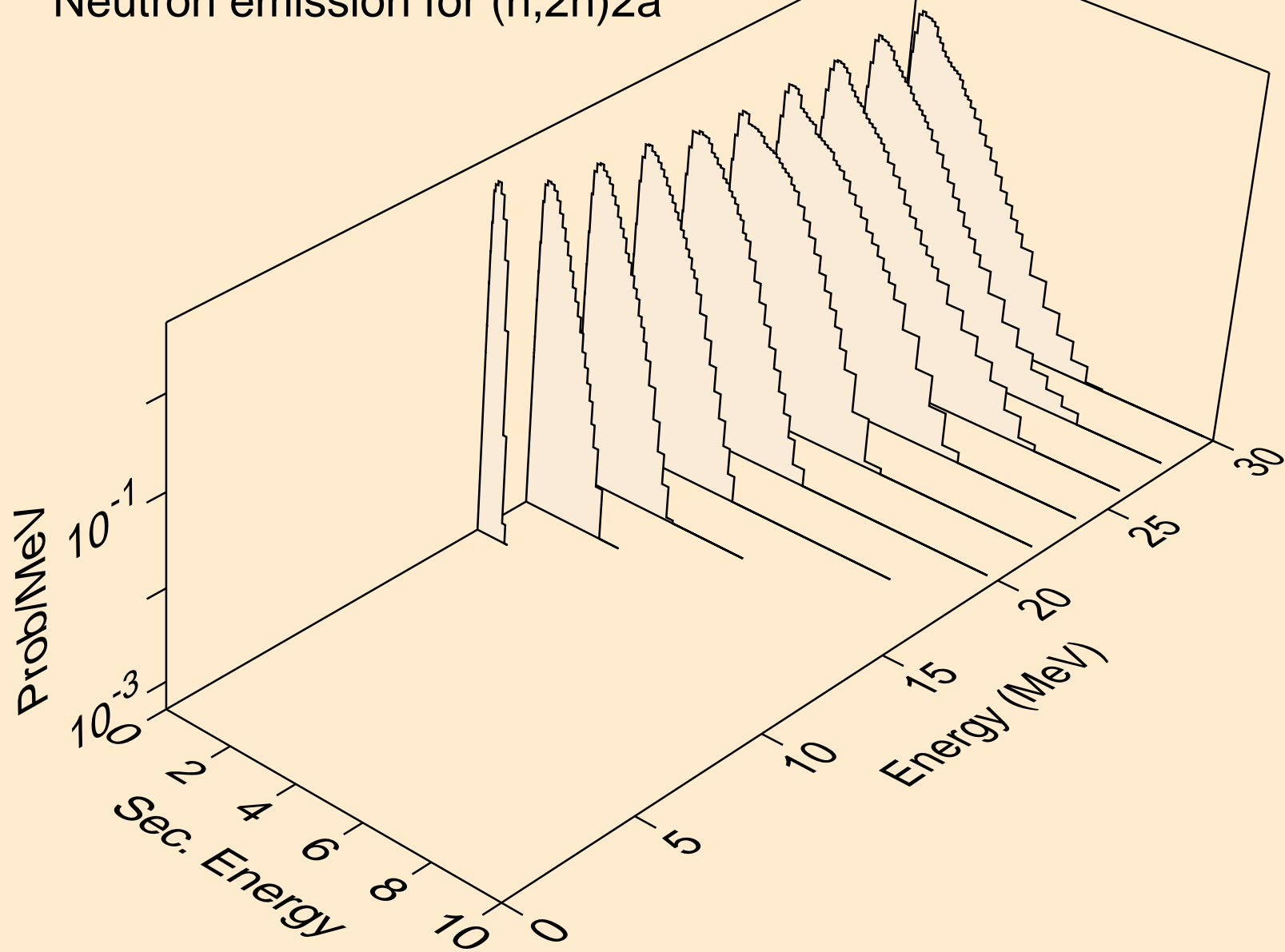


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

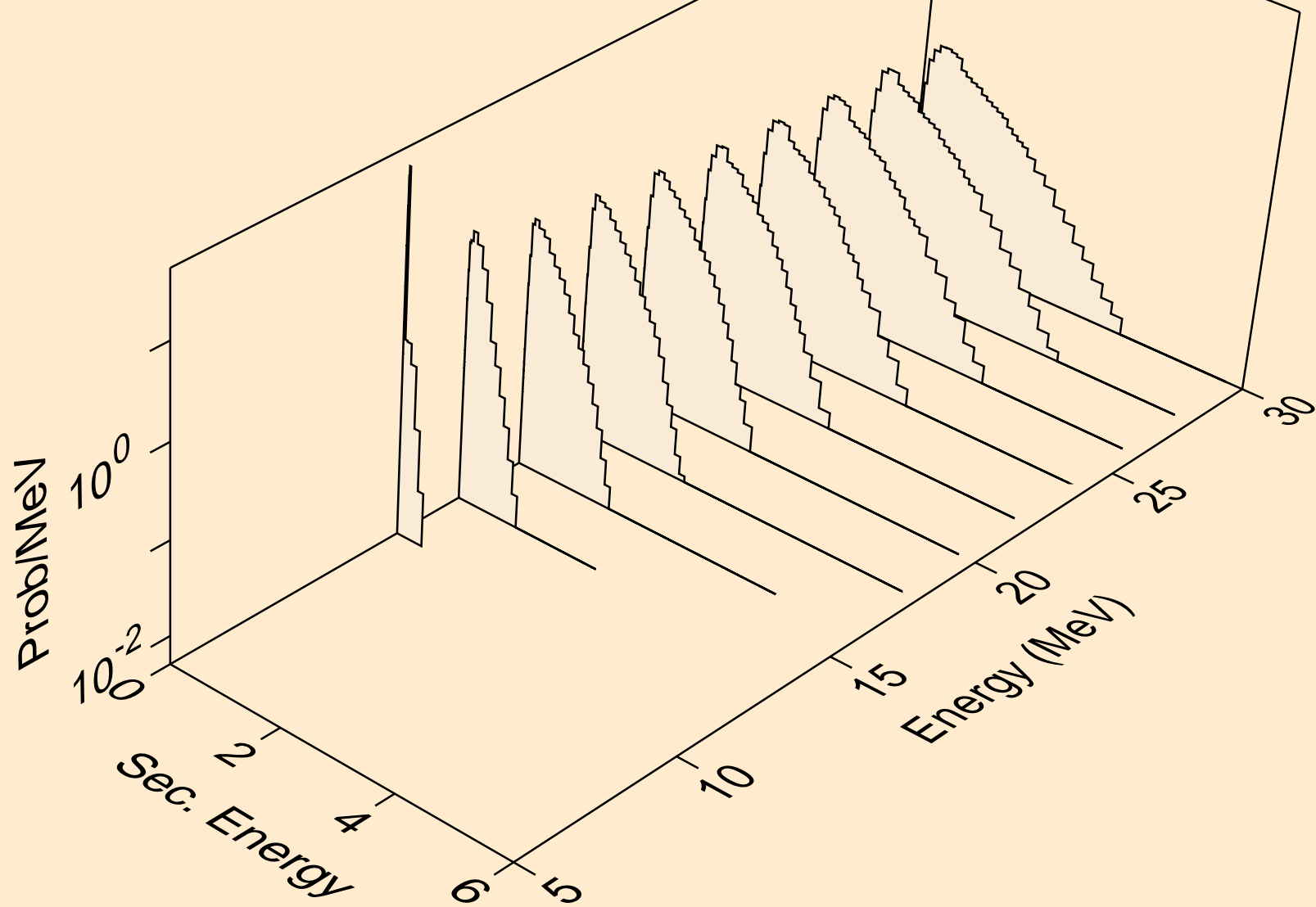




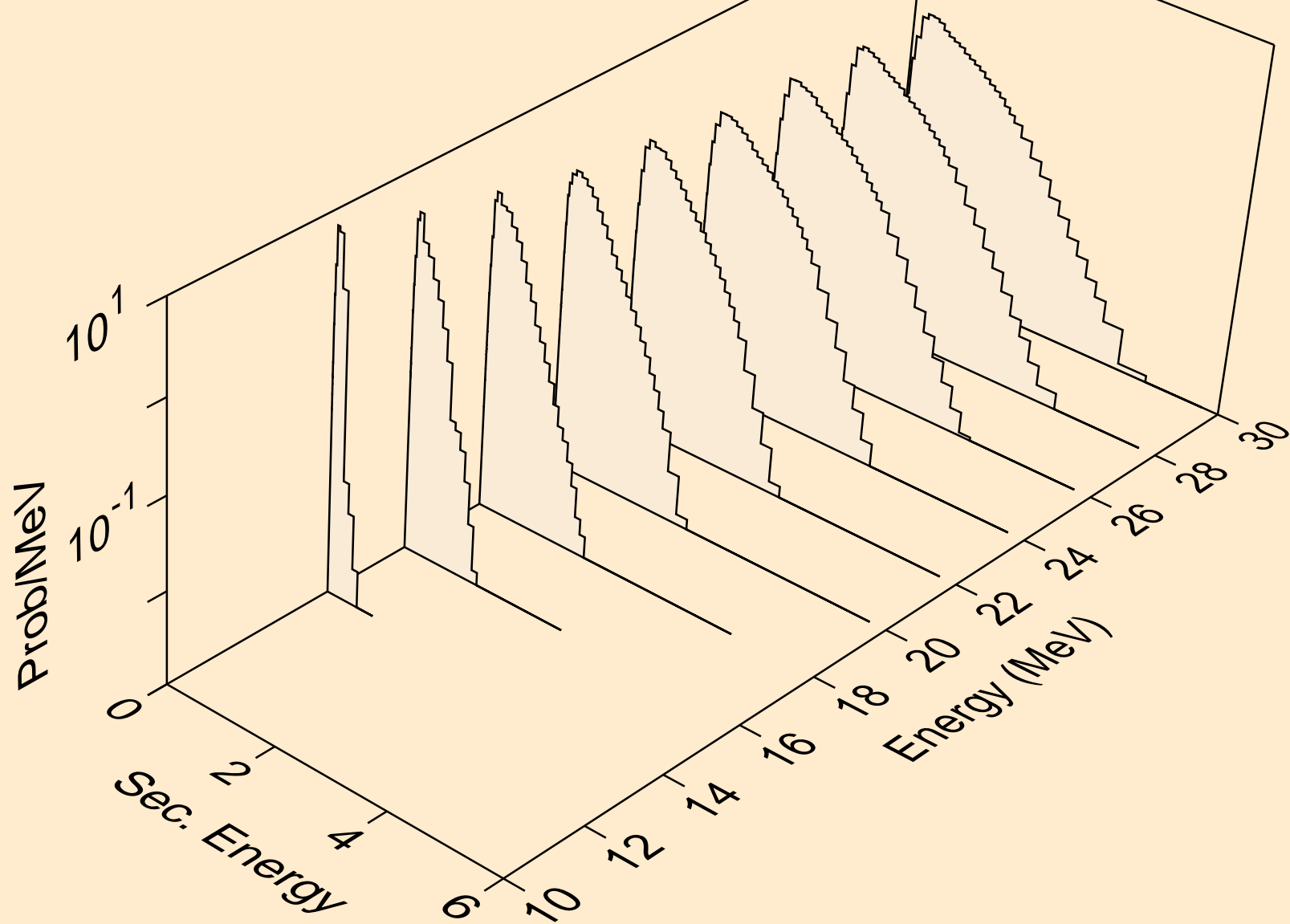
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



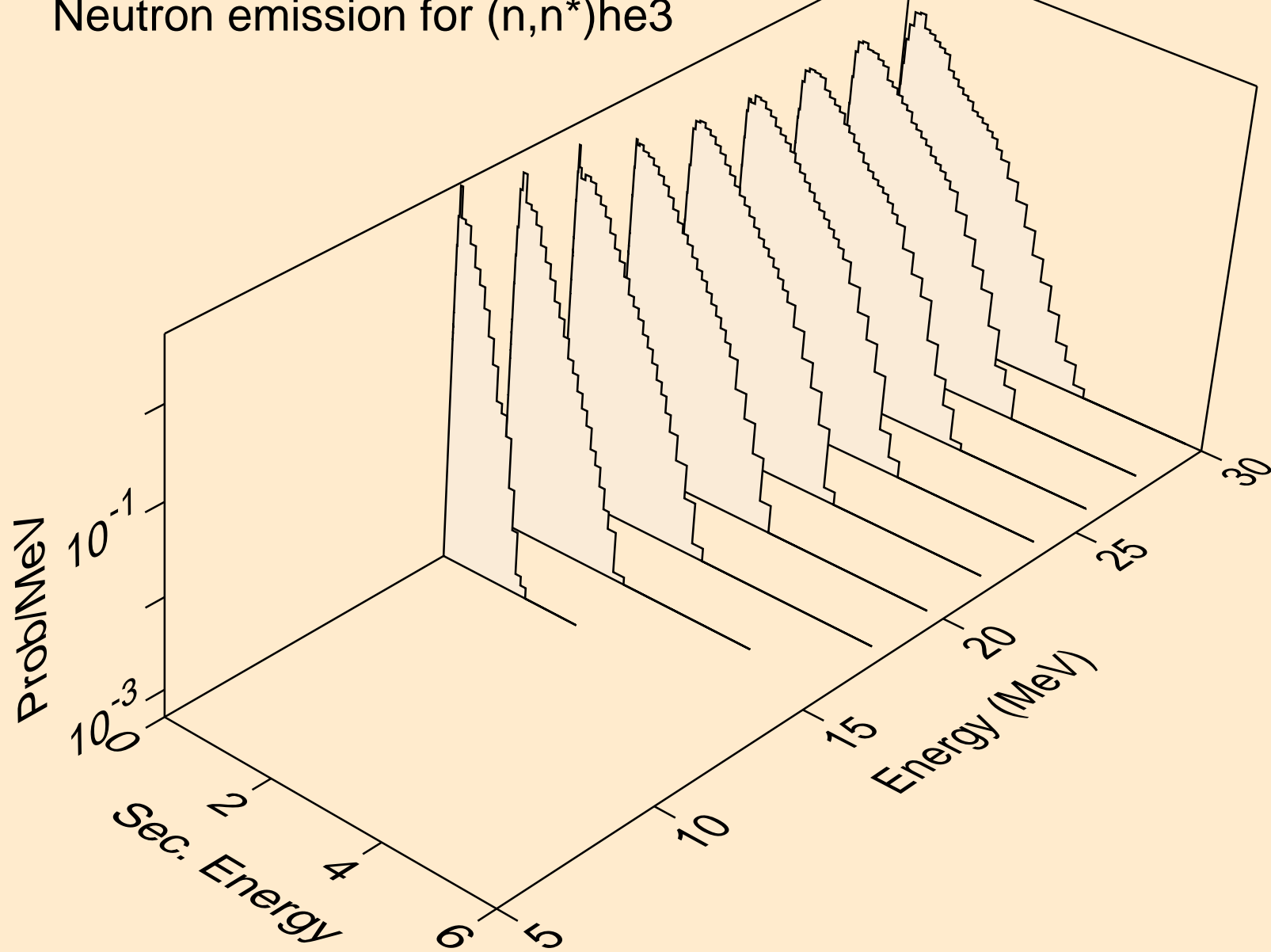
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Neutron emission for (n,n\*)d



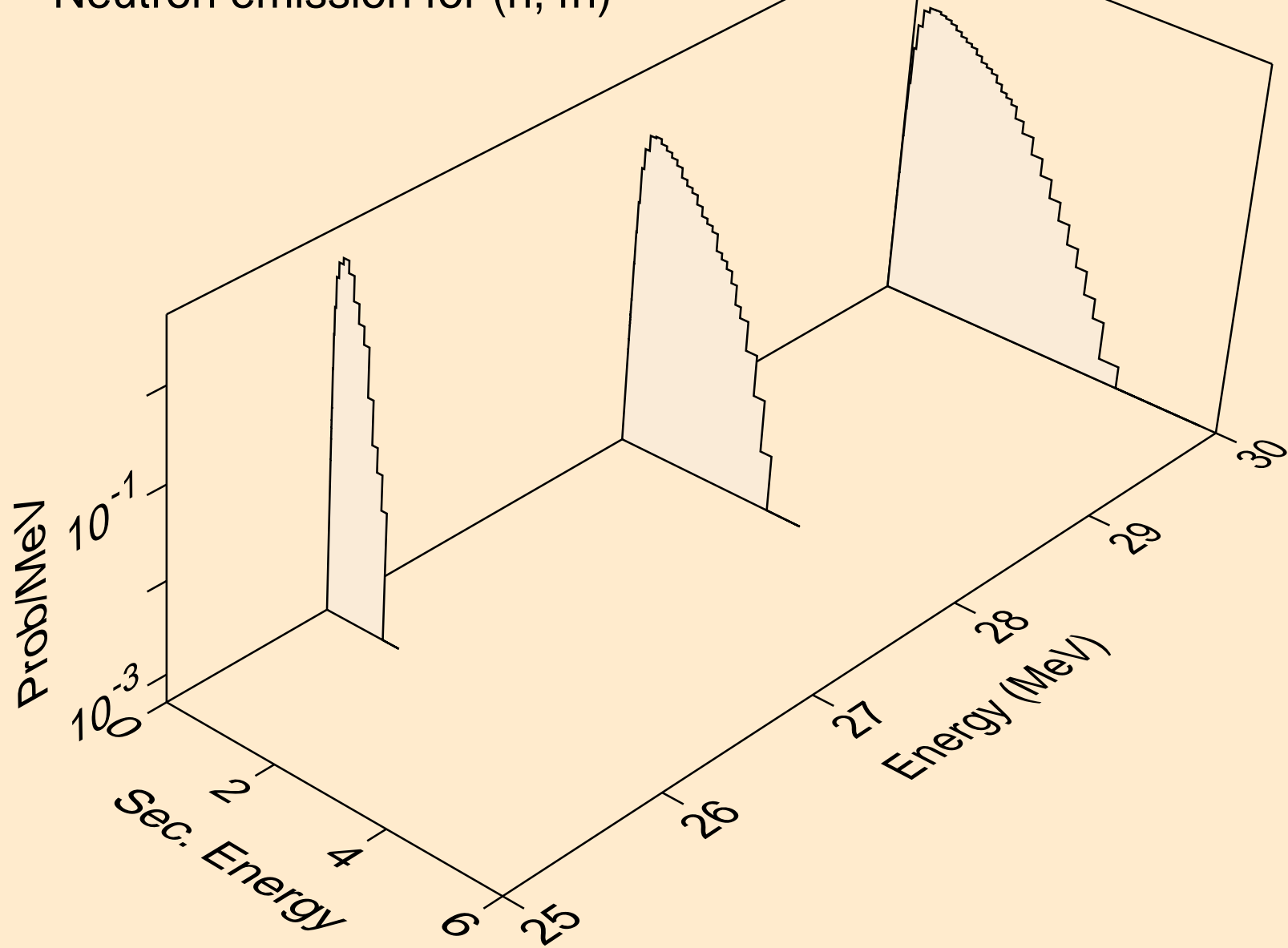
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Neutron emission for (n,n\*)t



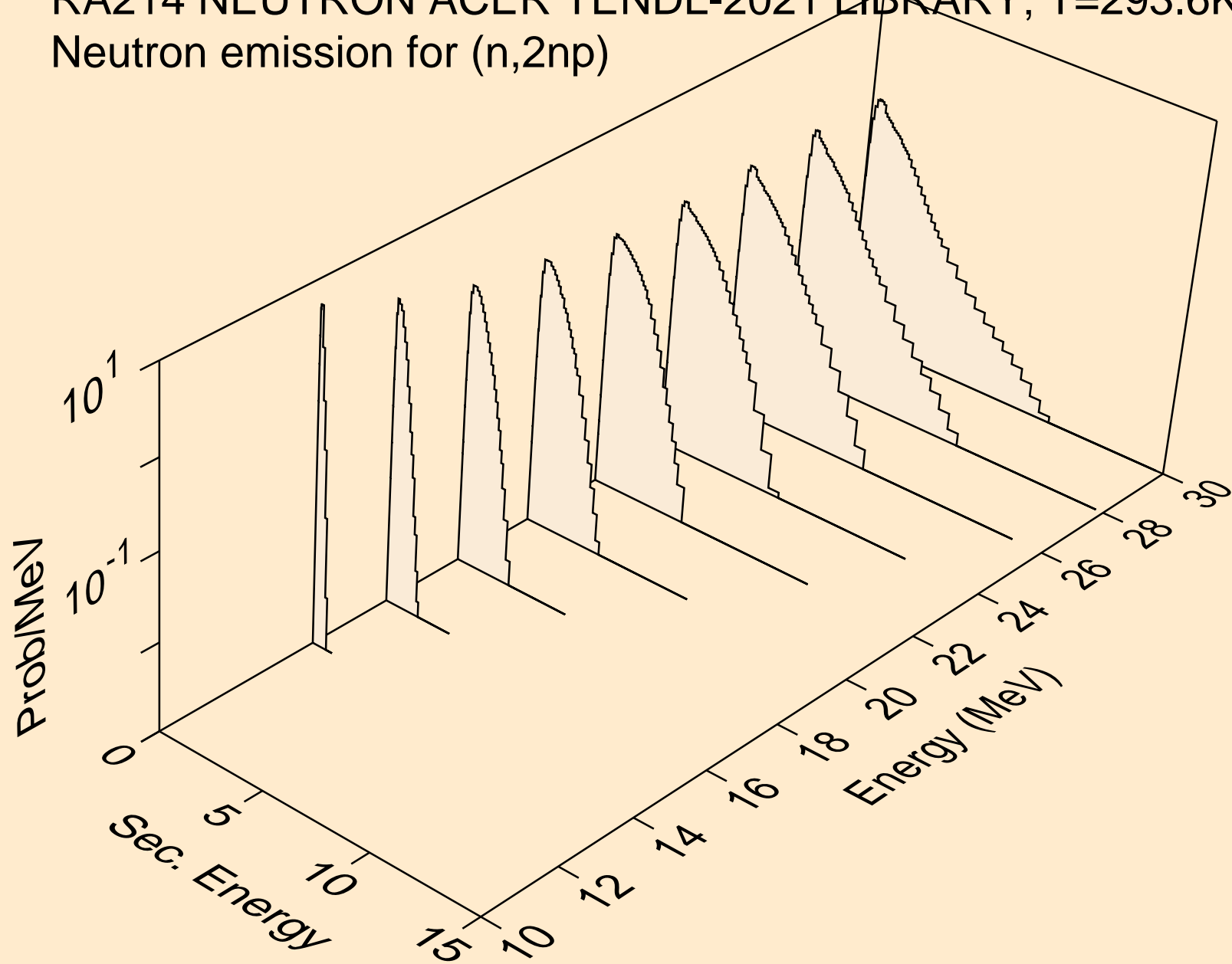
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



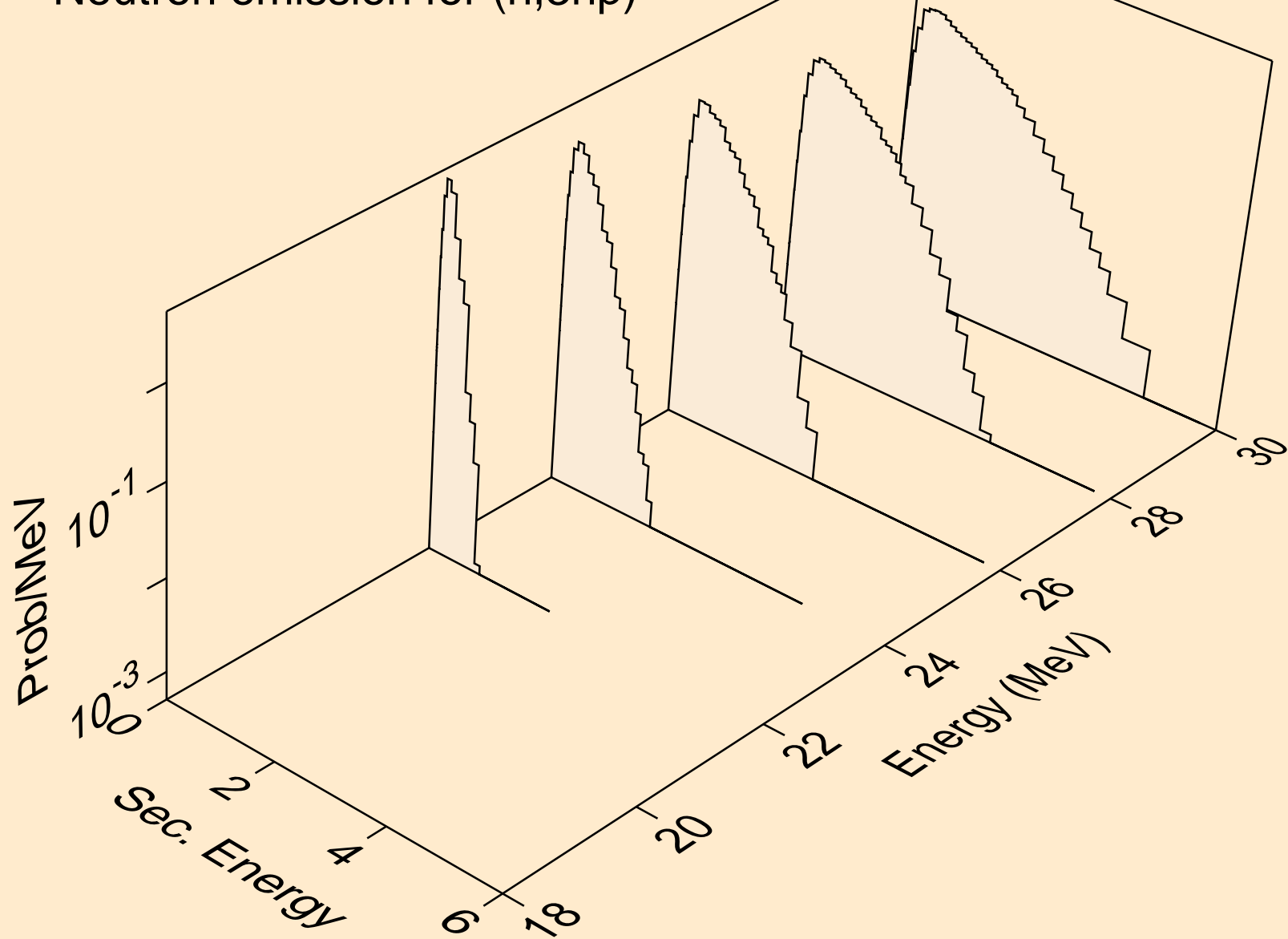
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



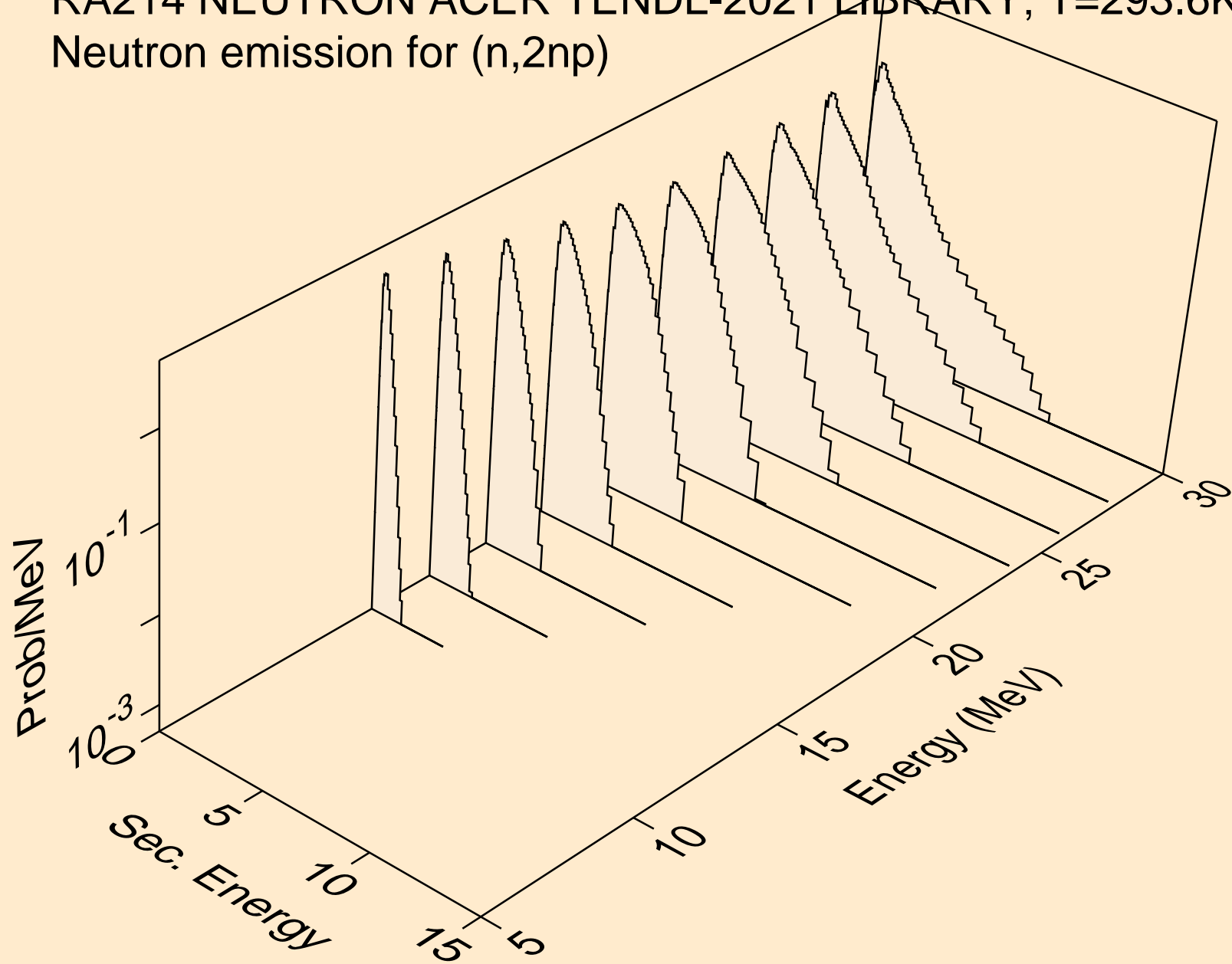
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

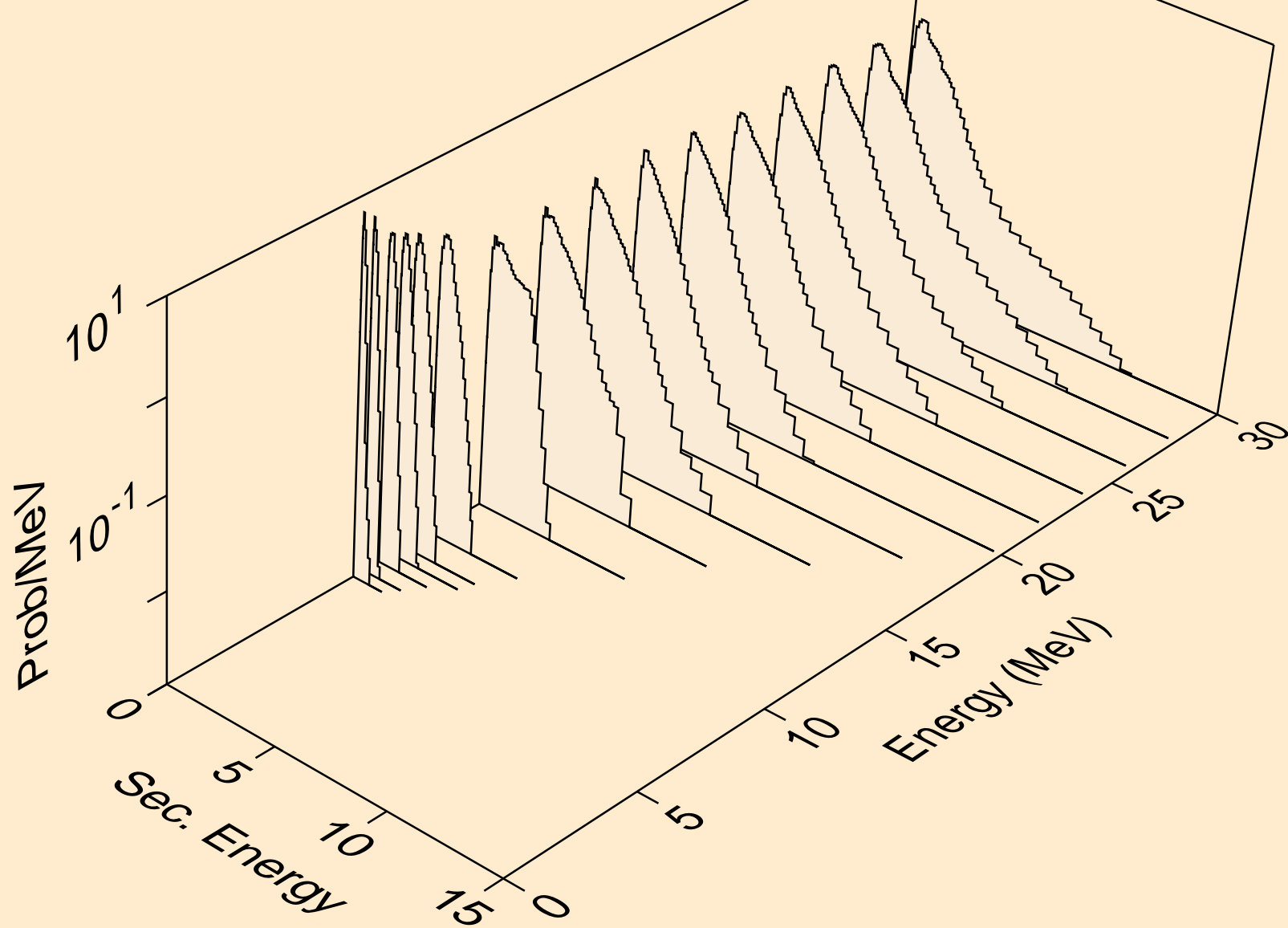


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

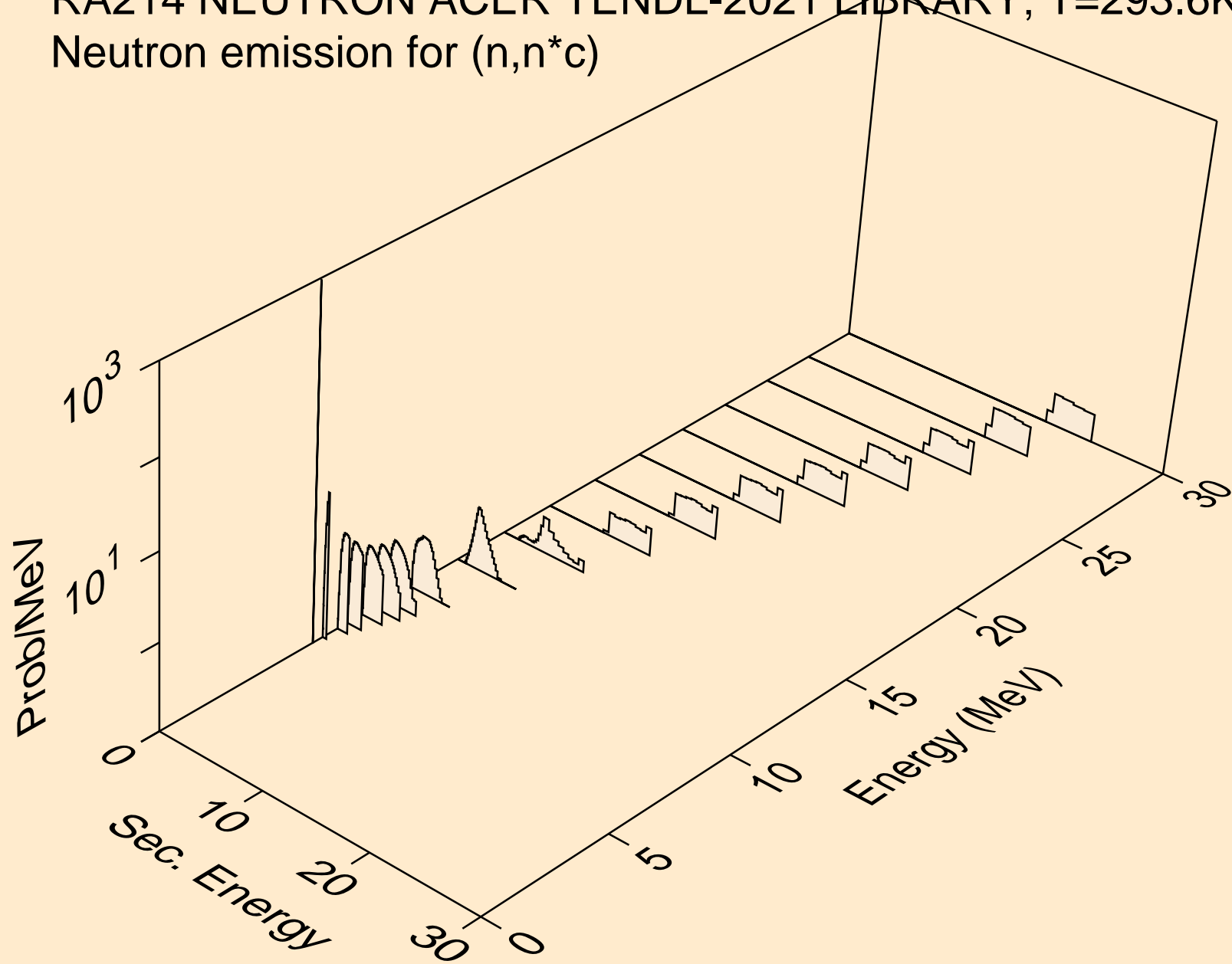




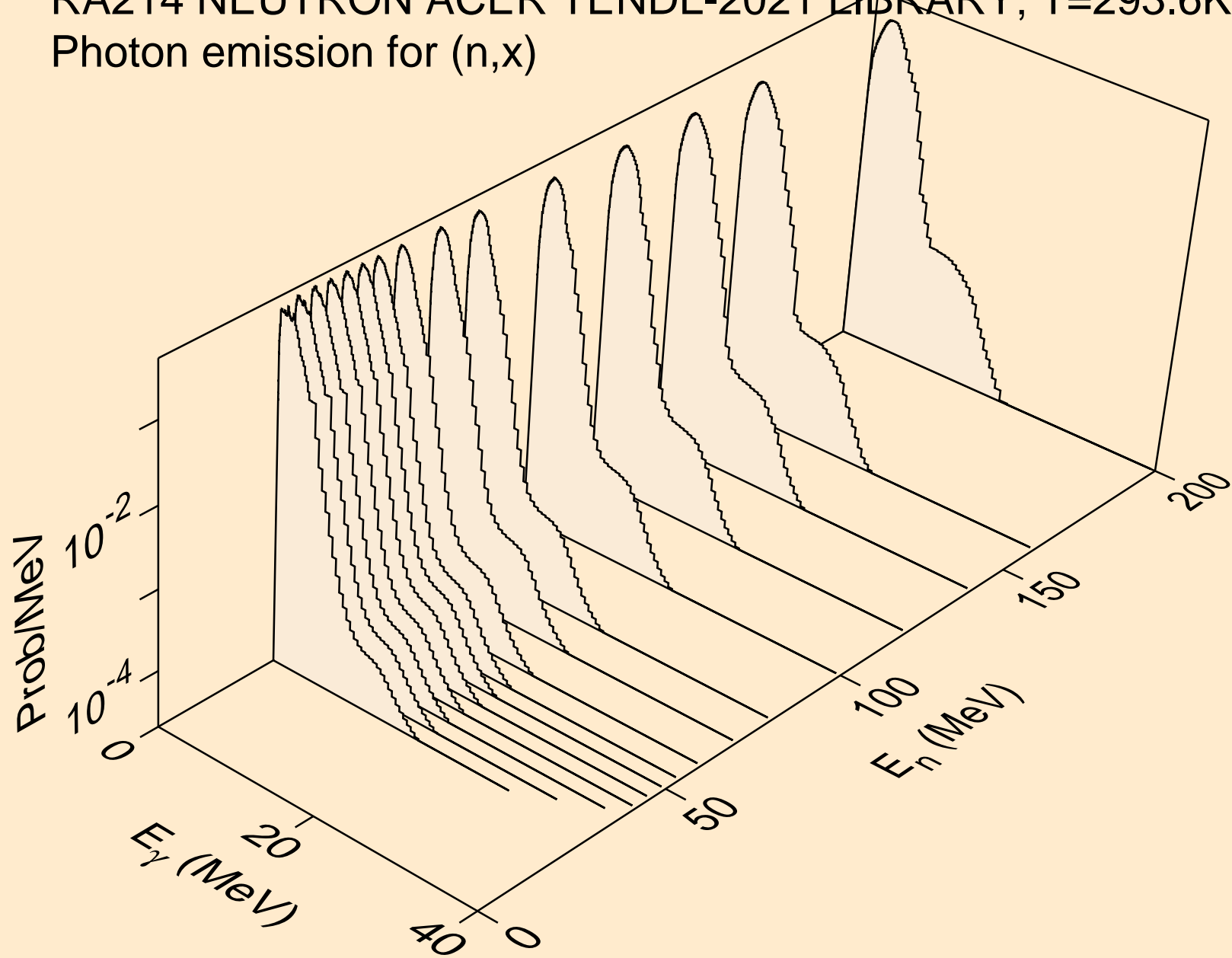
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



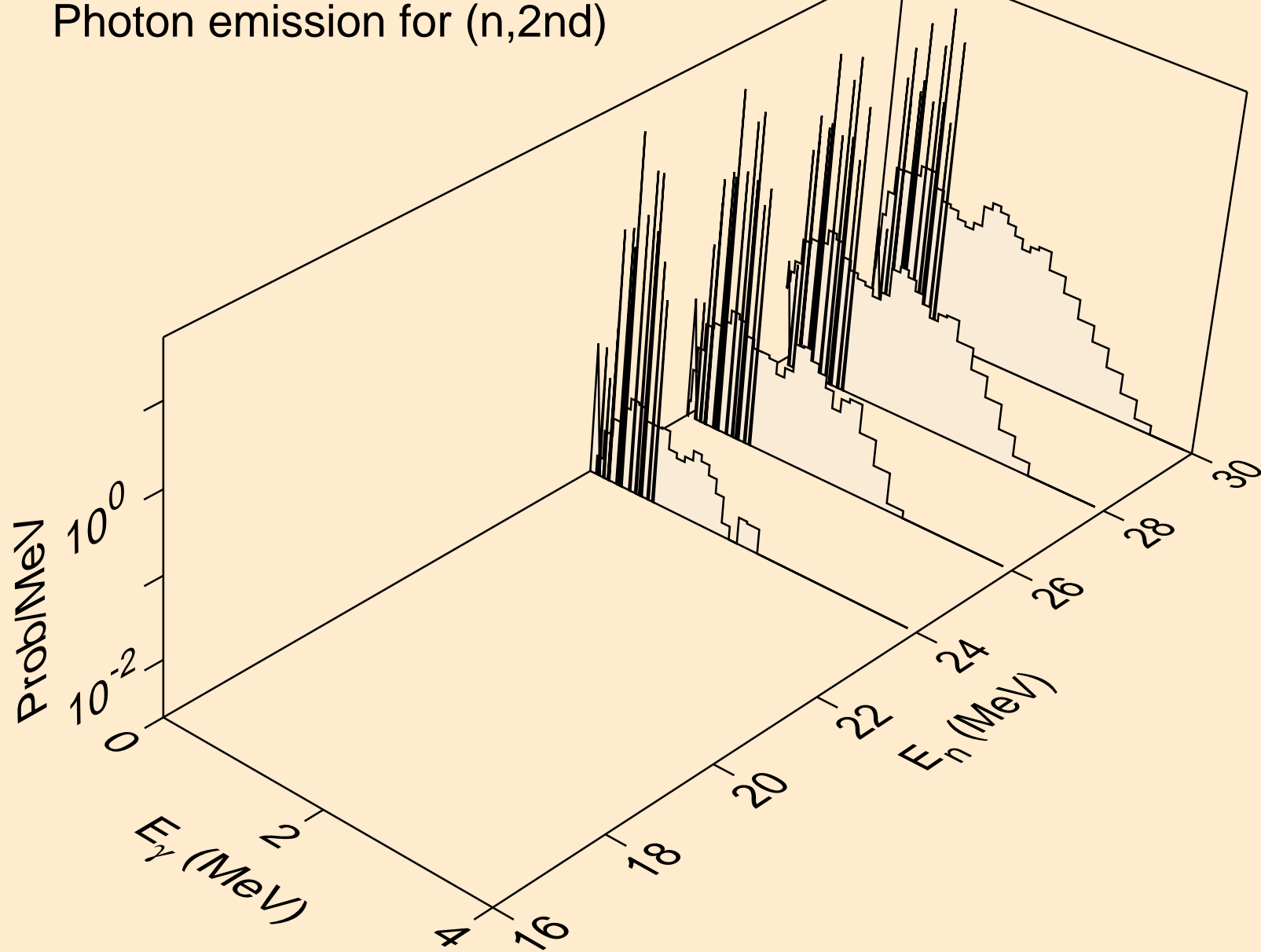
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



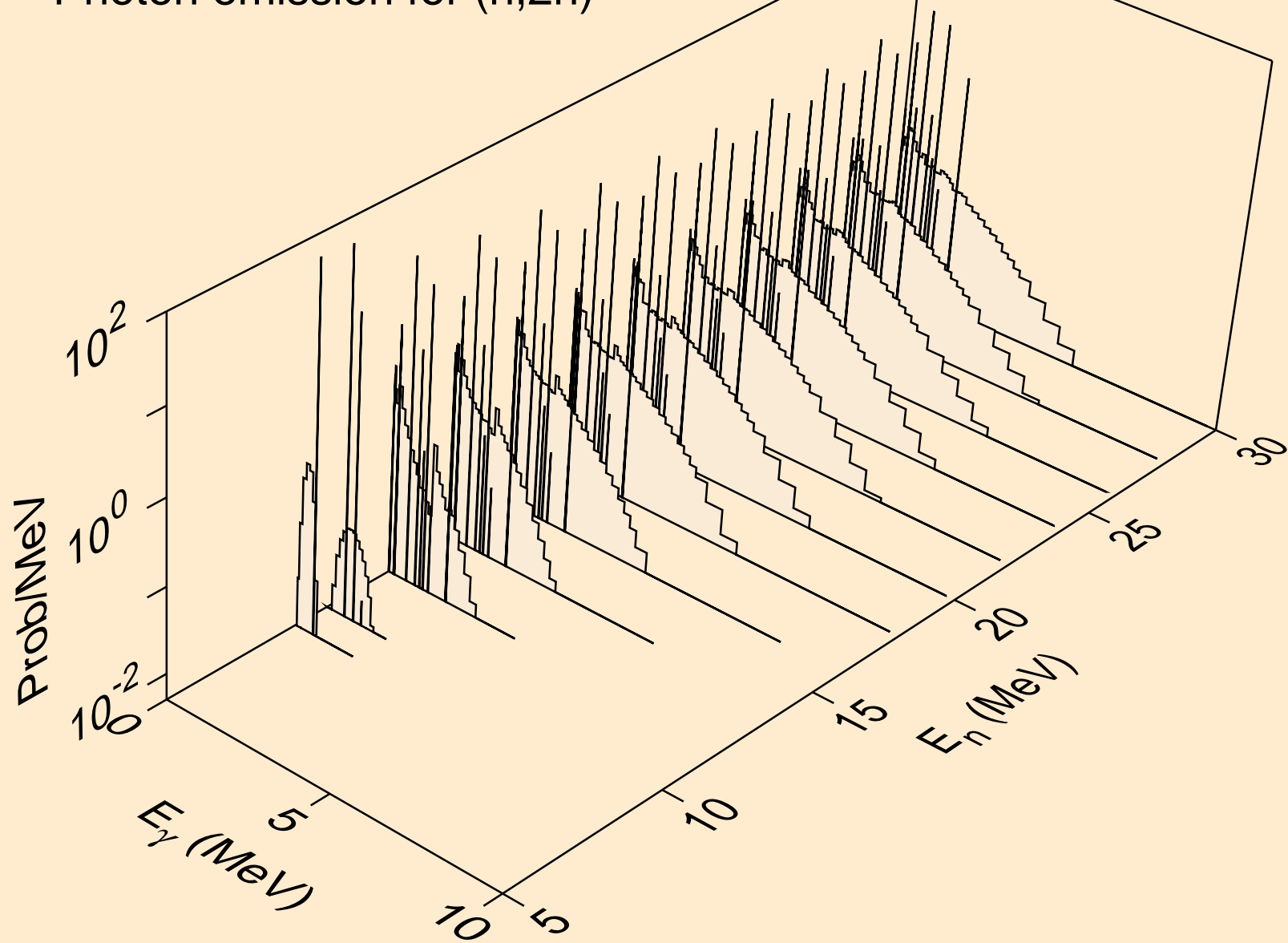
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Photon emission for (n,x)



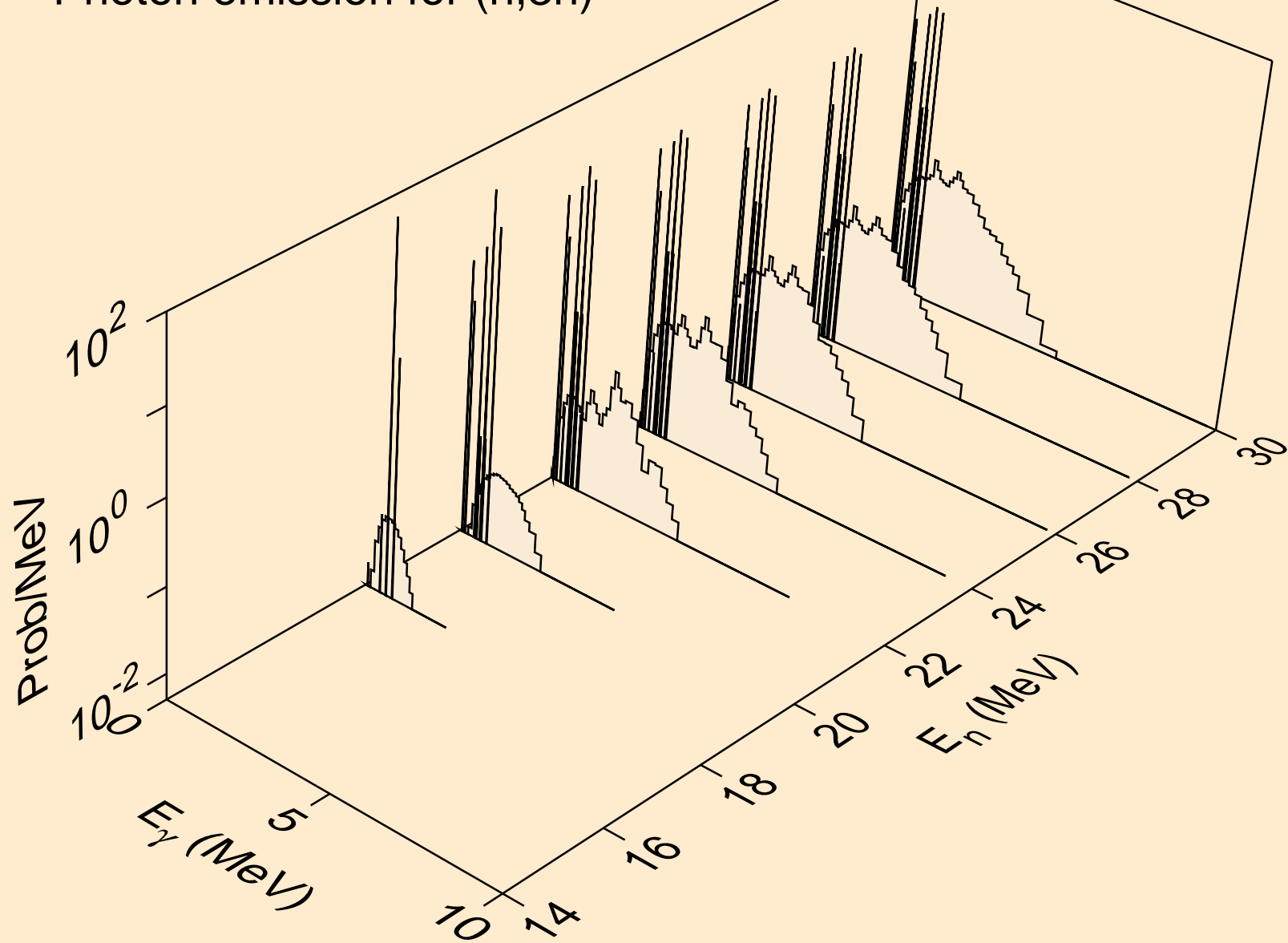
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Photon emission for (n,2nd)



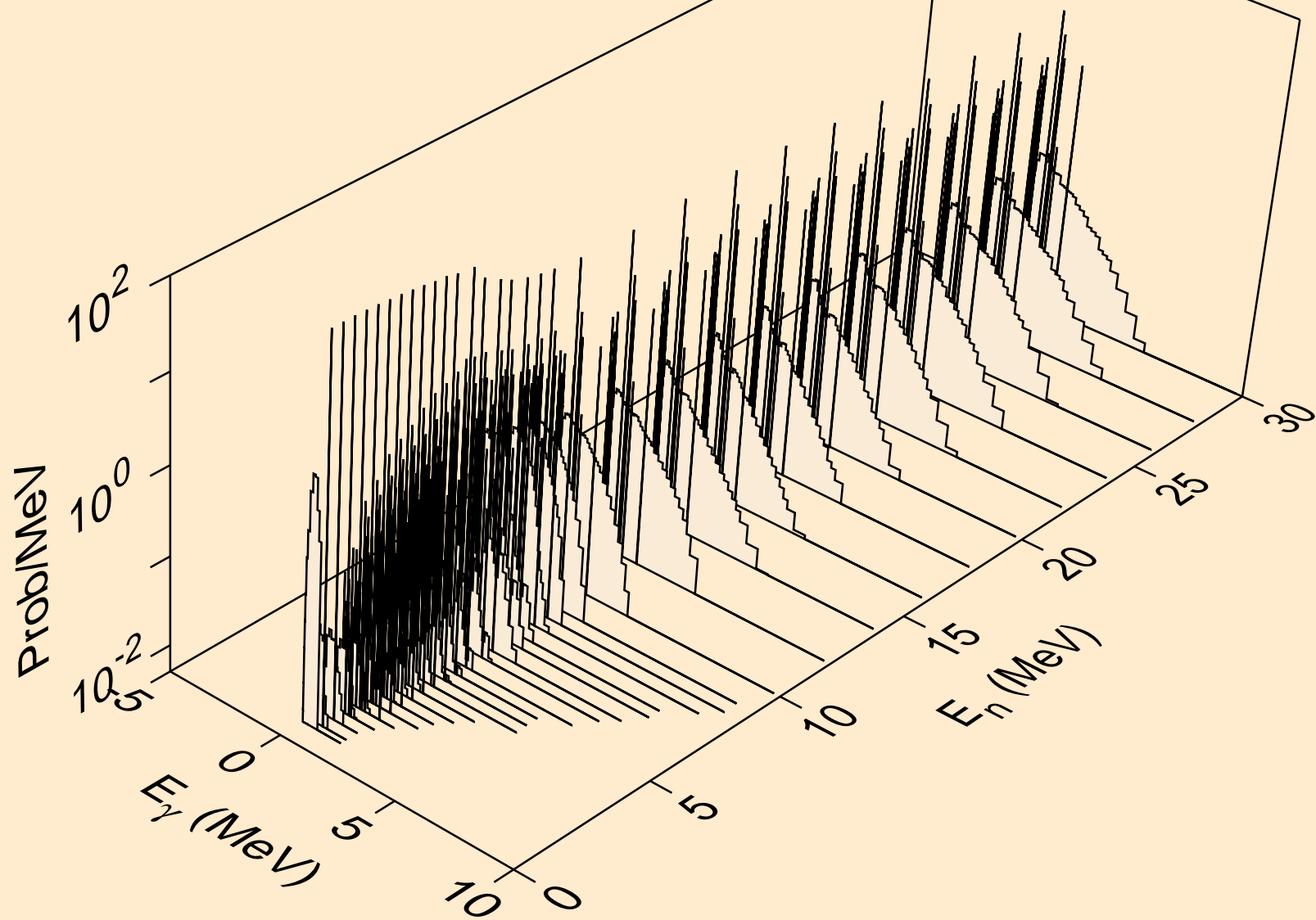
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



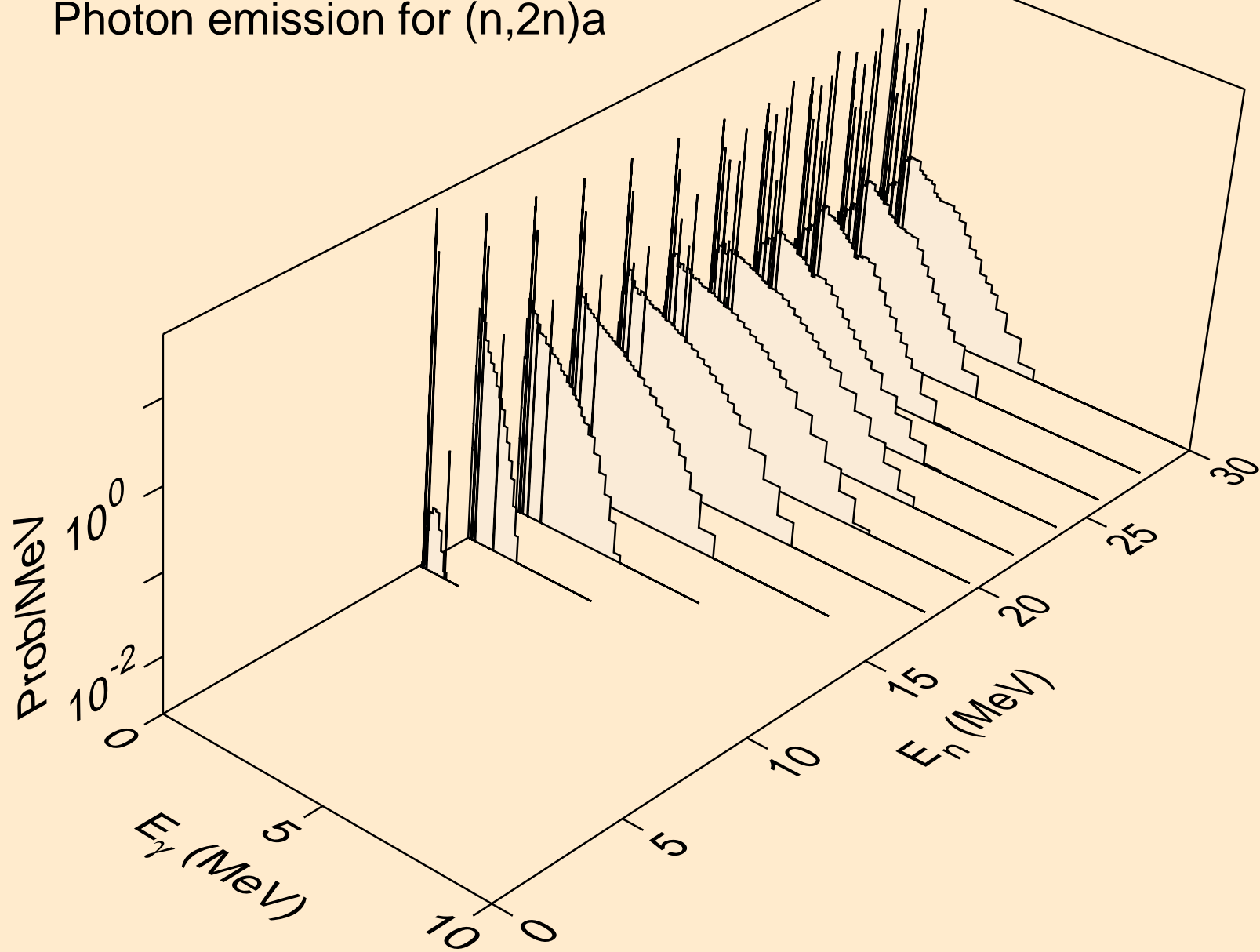
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

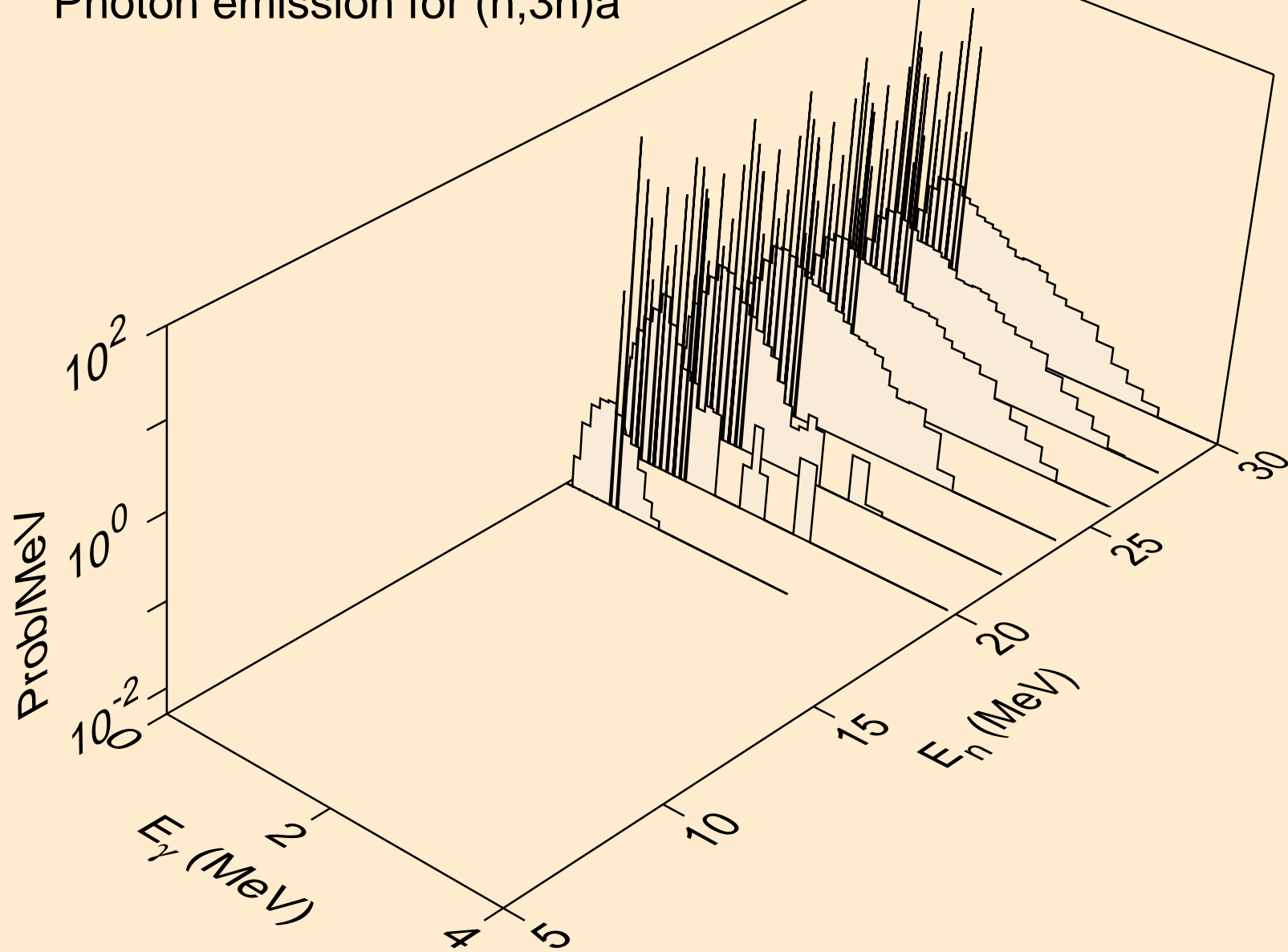


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

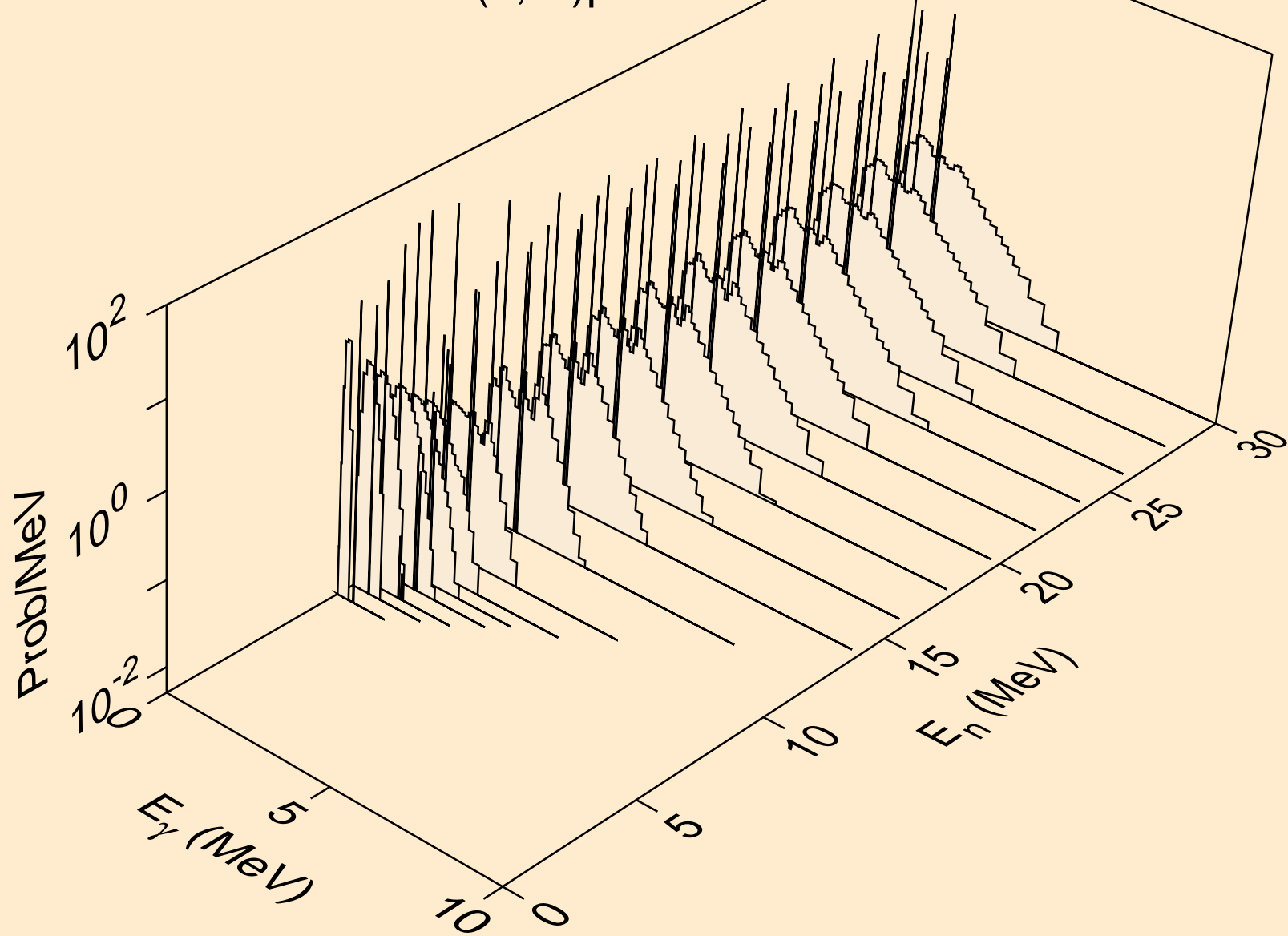




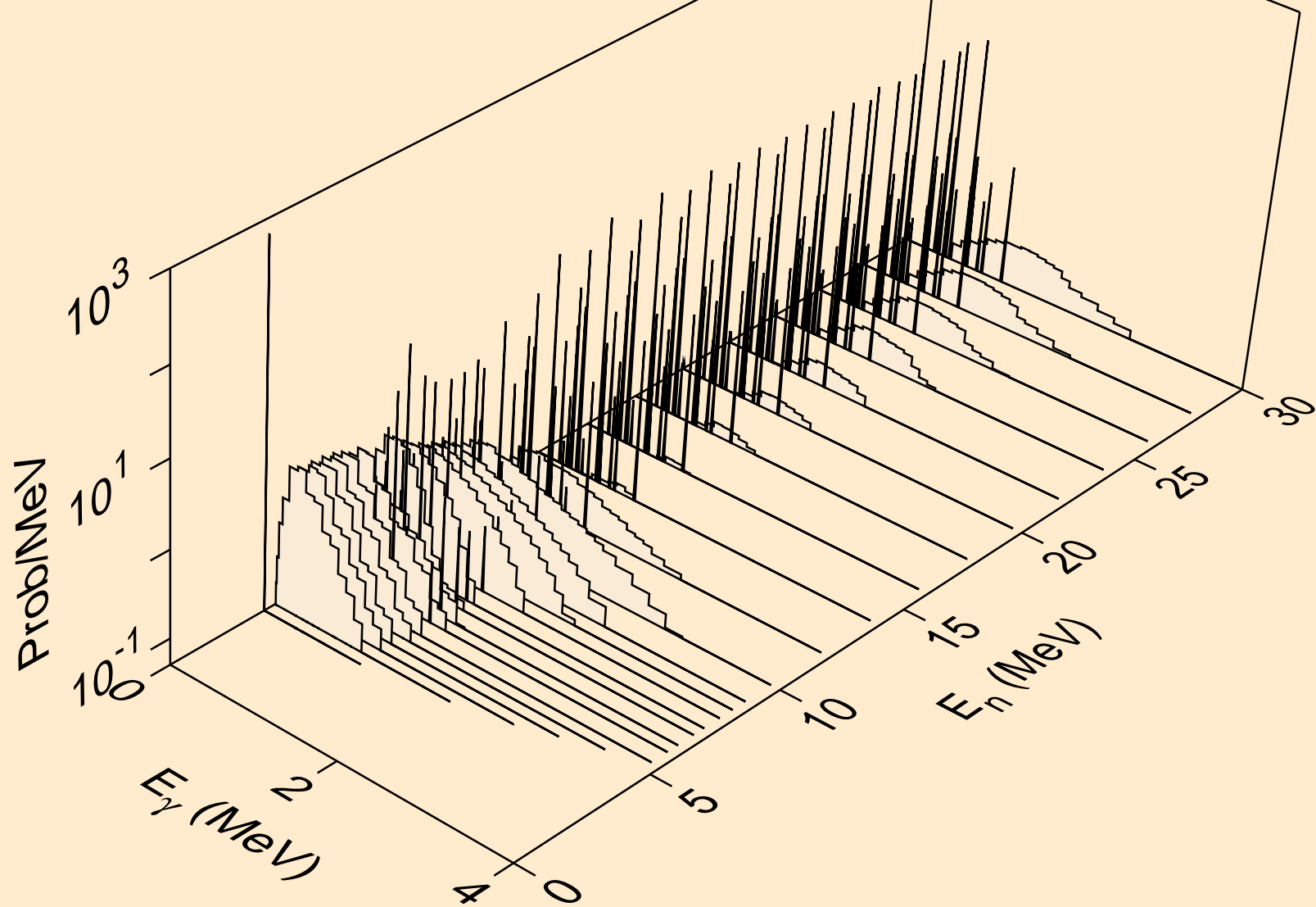
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



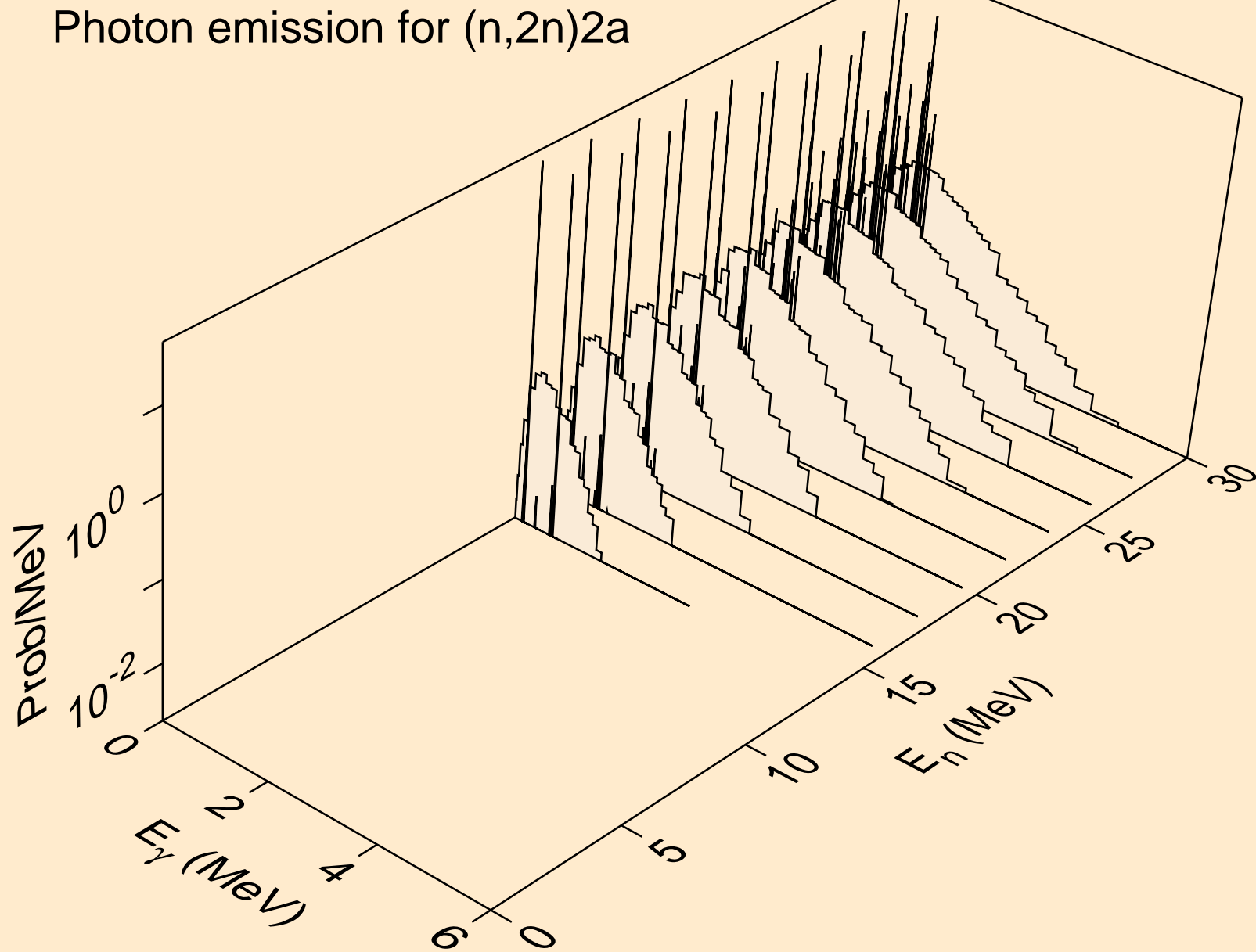
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



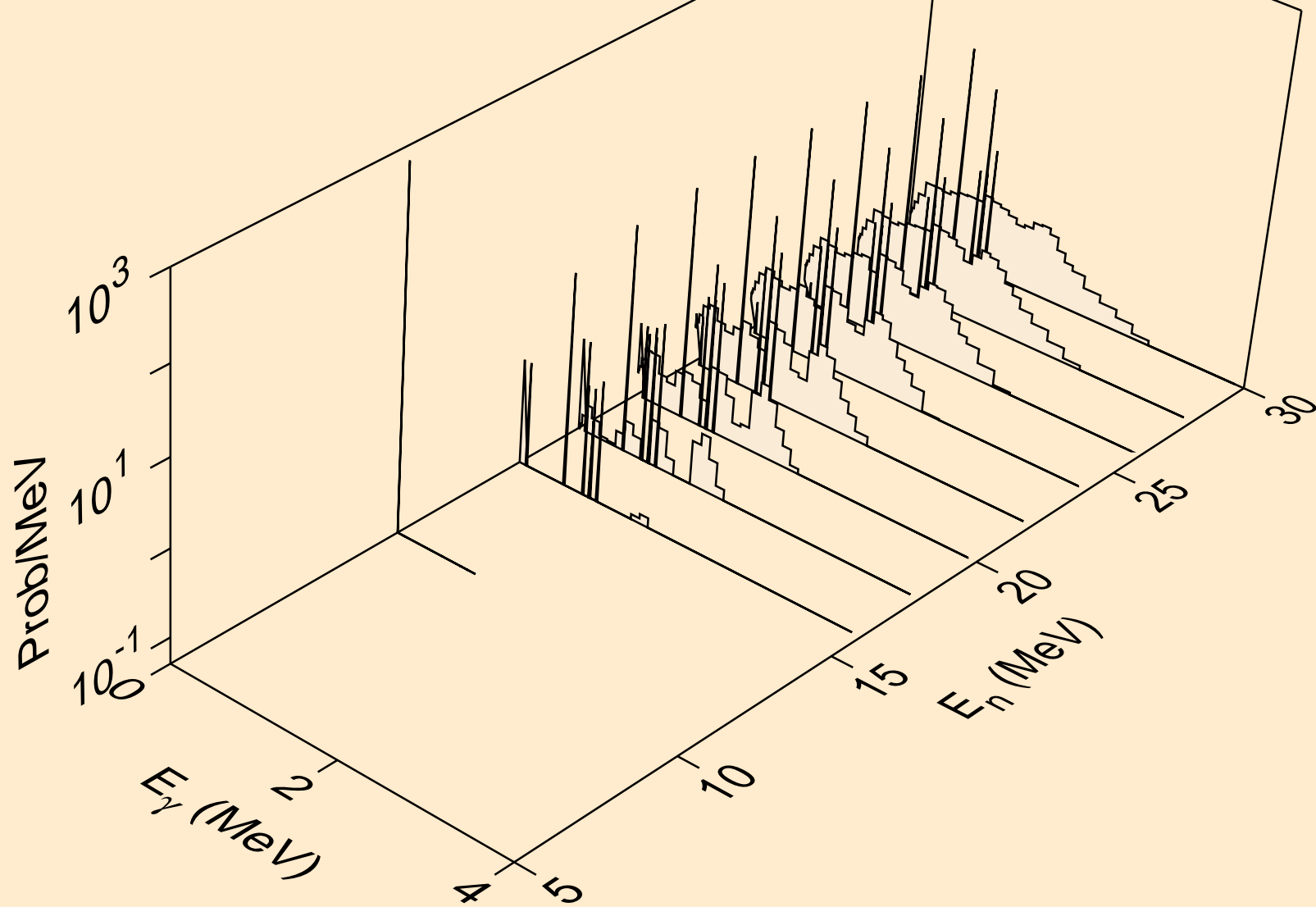
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



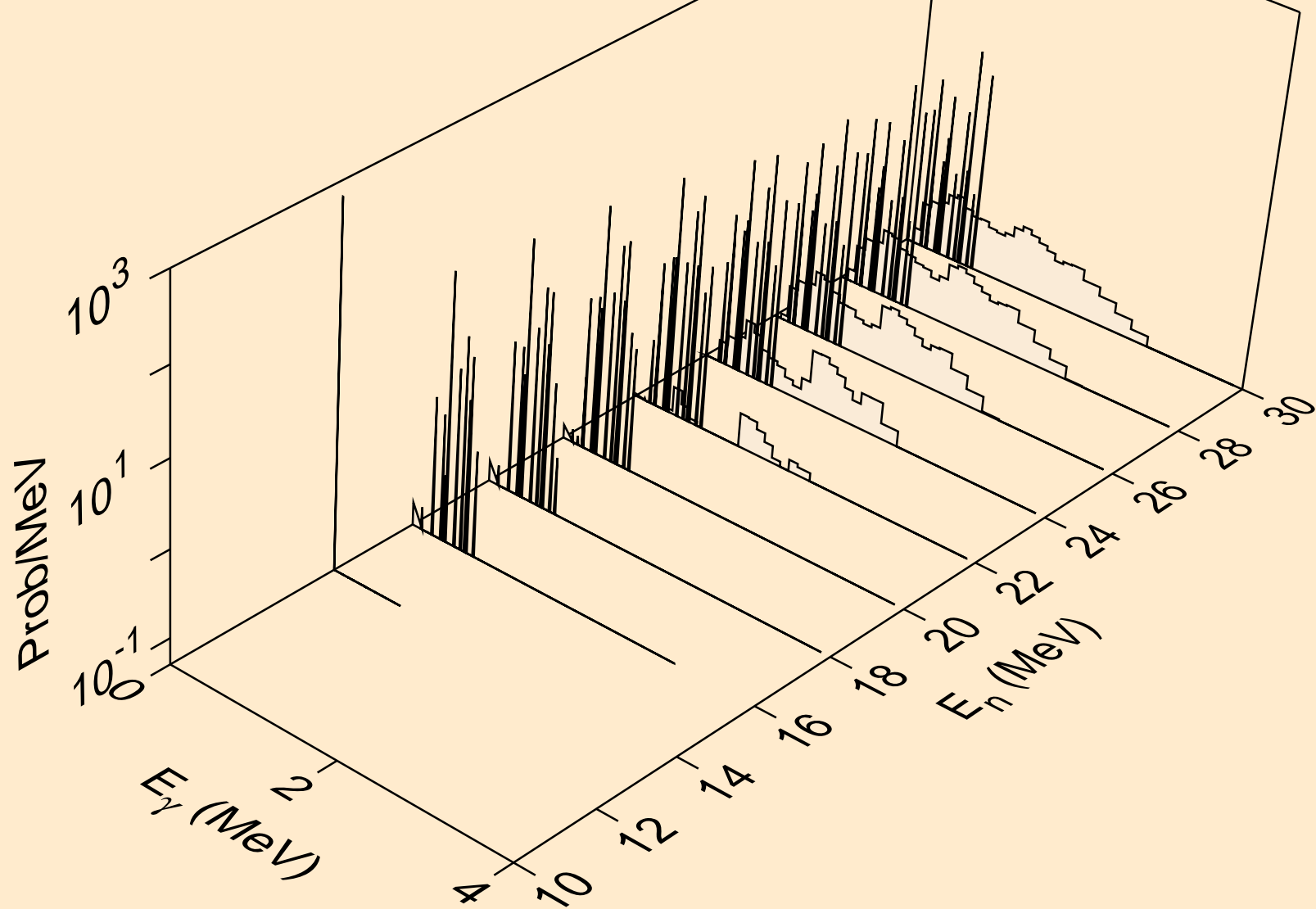
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



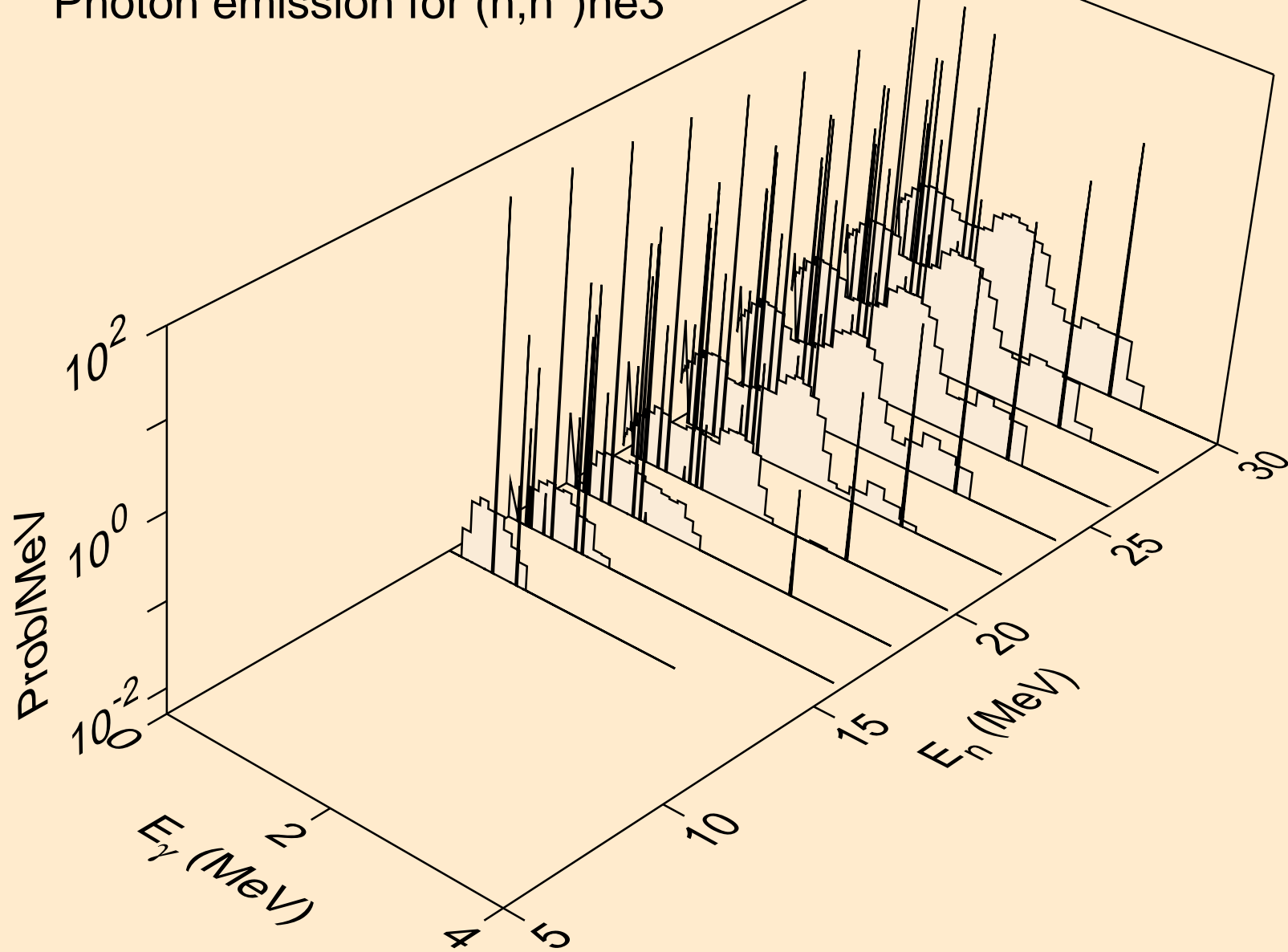
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



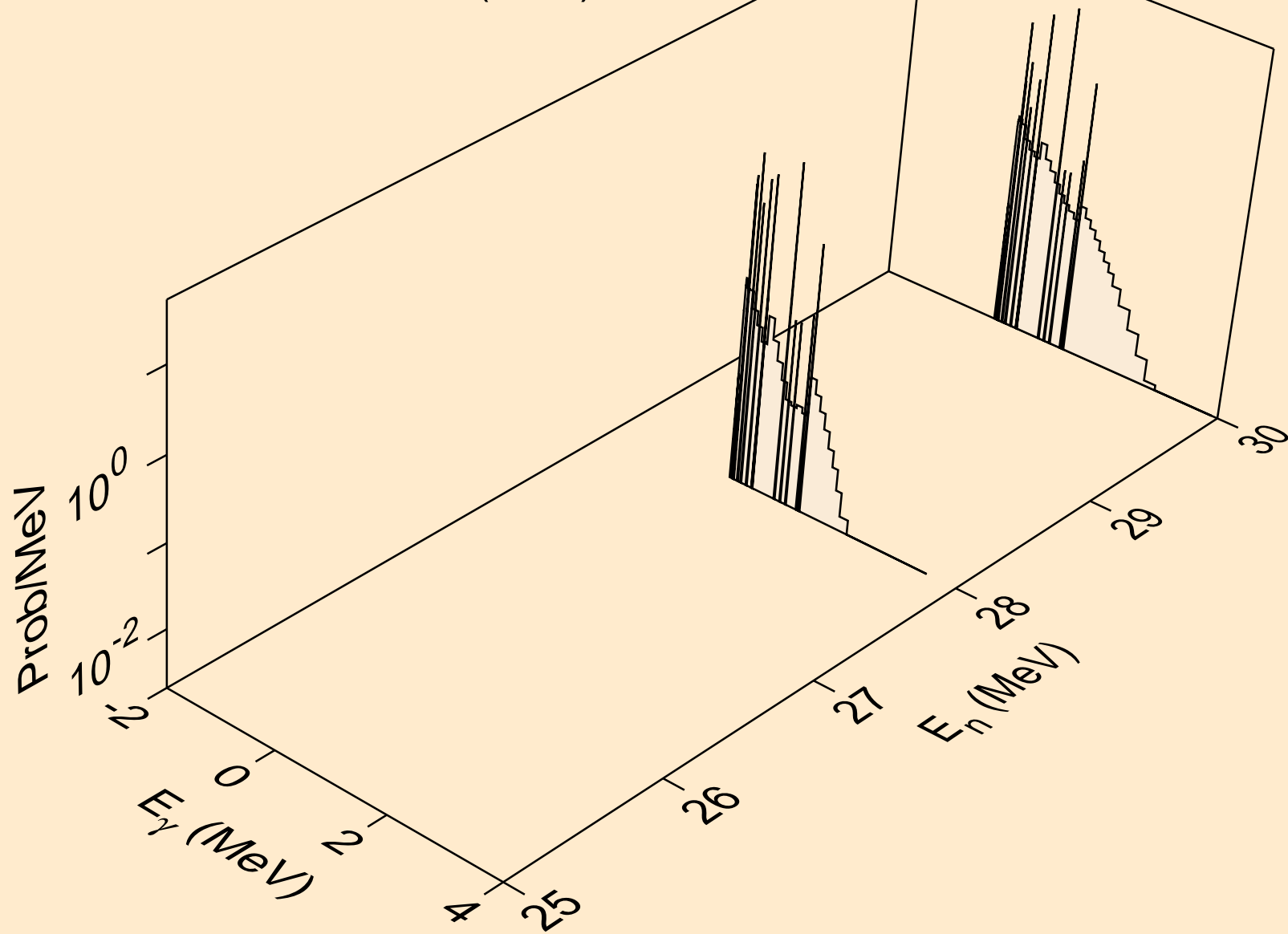
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

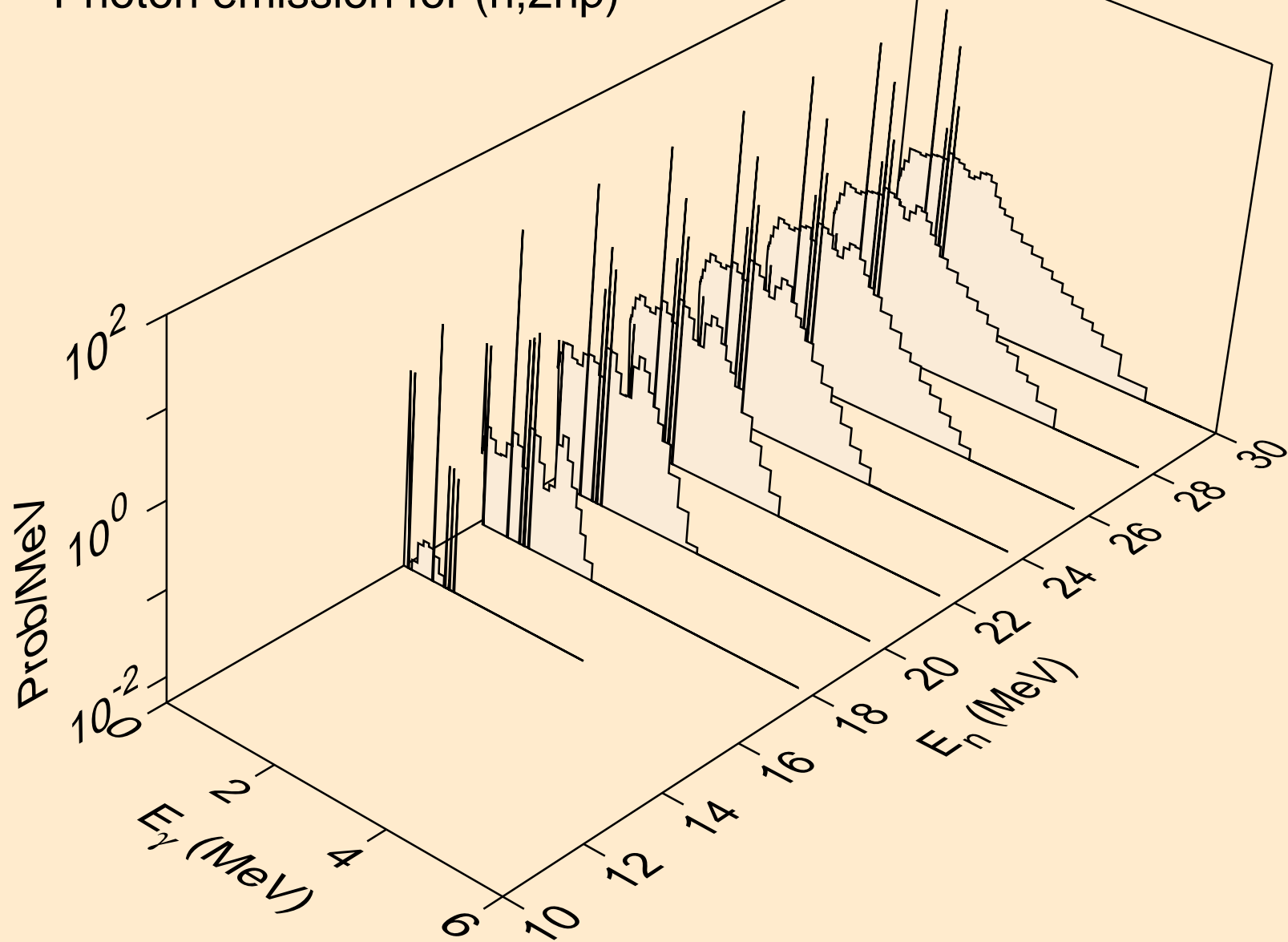


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

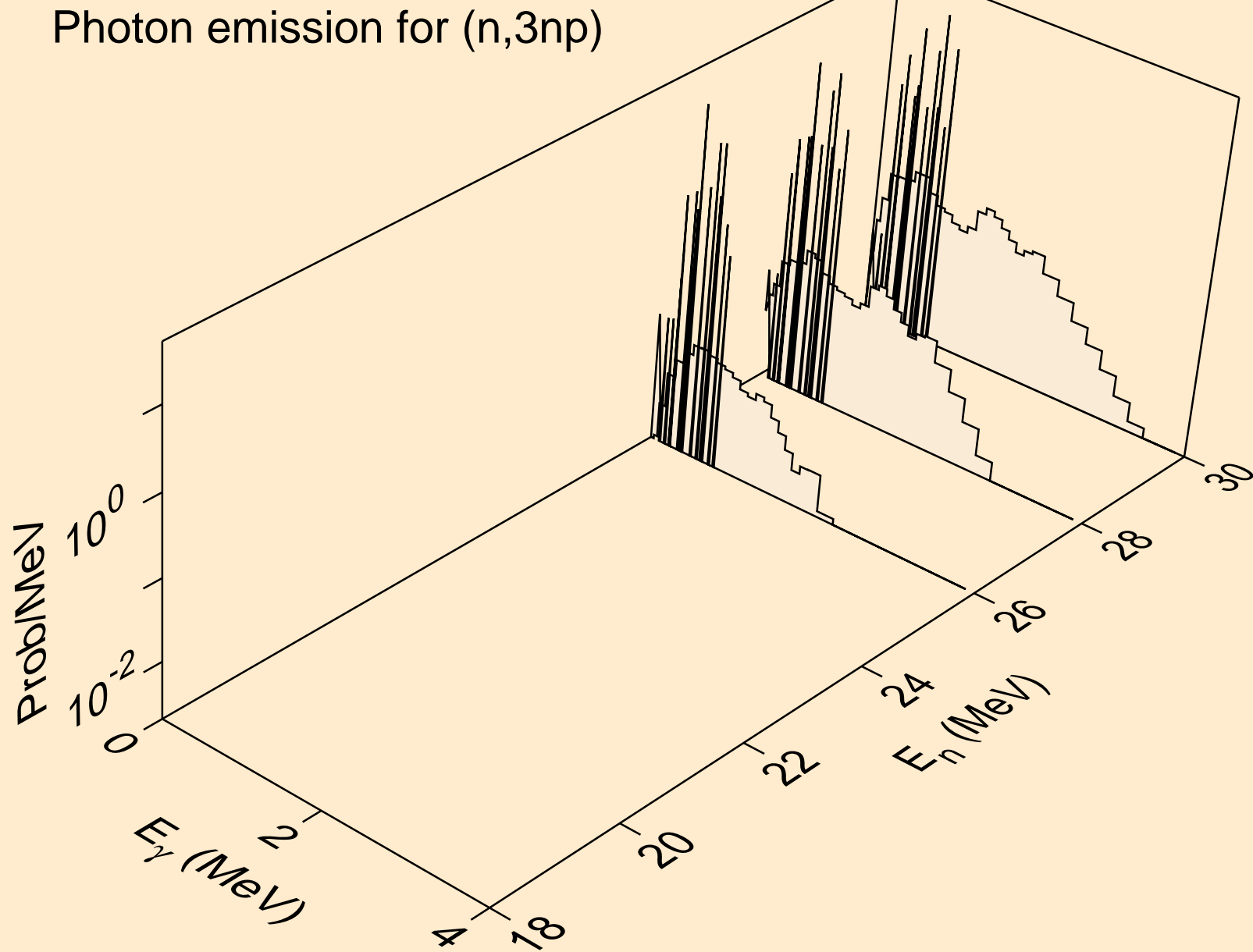




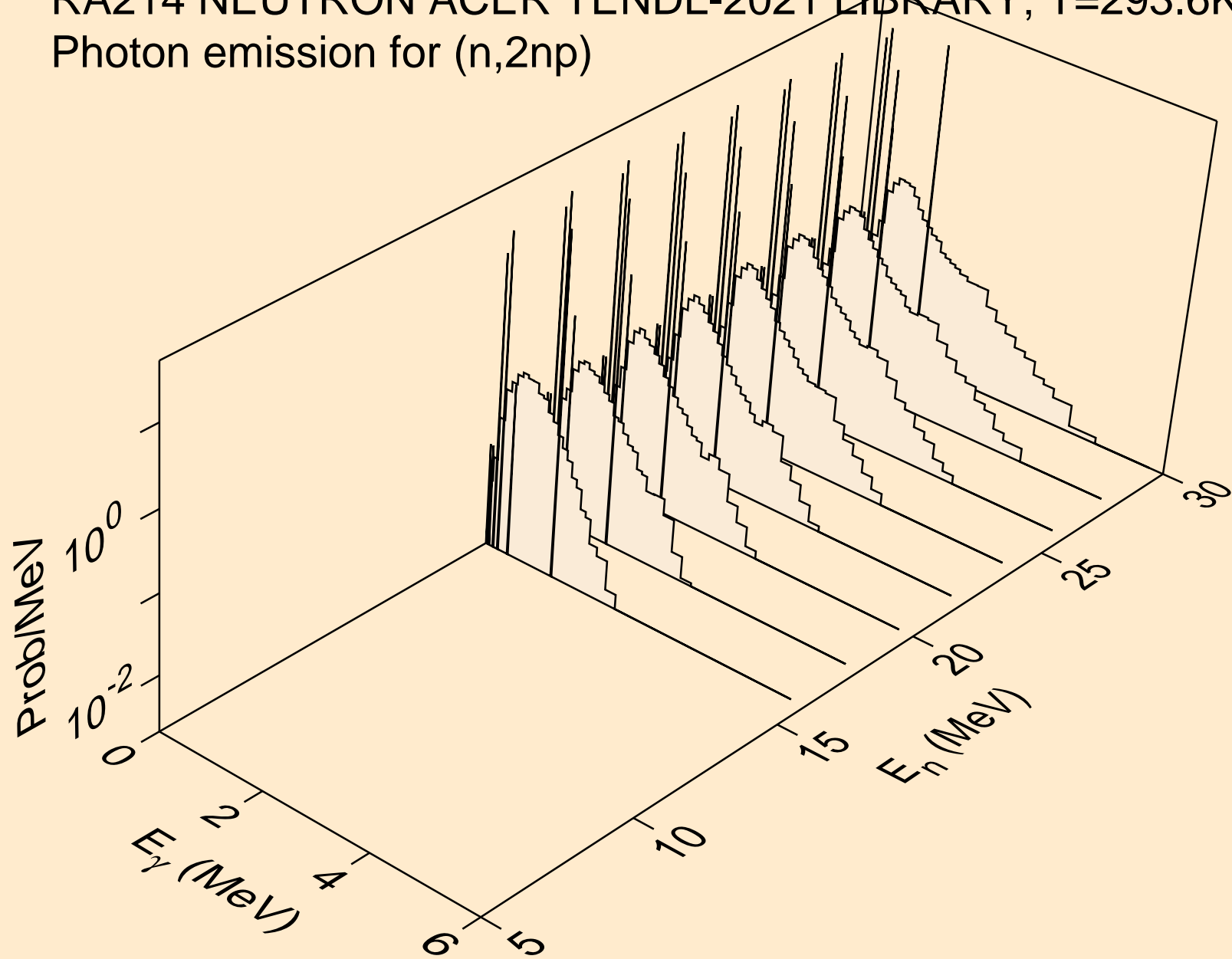
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



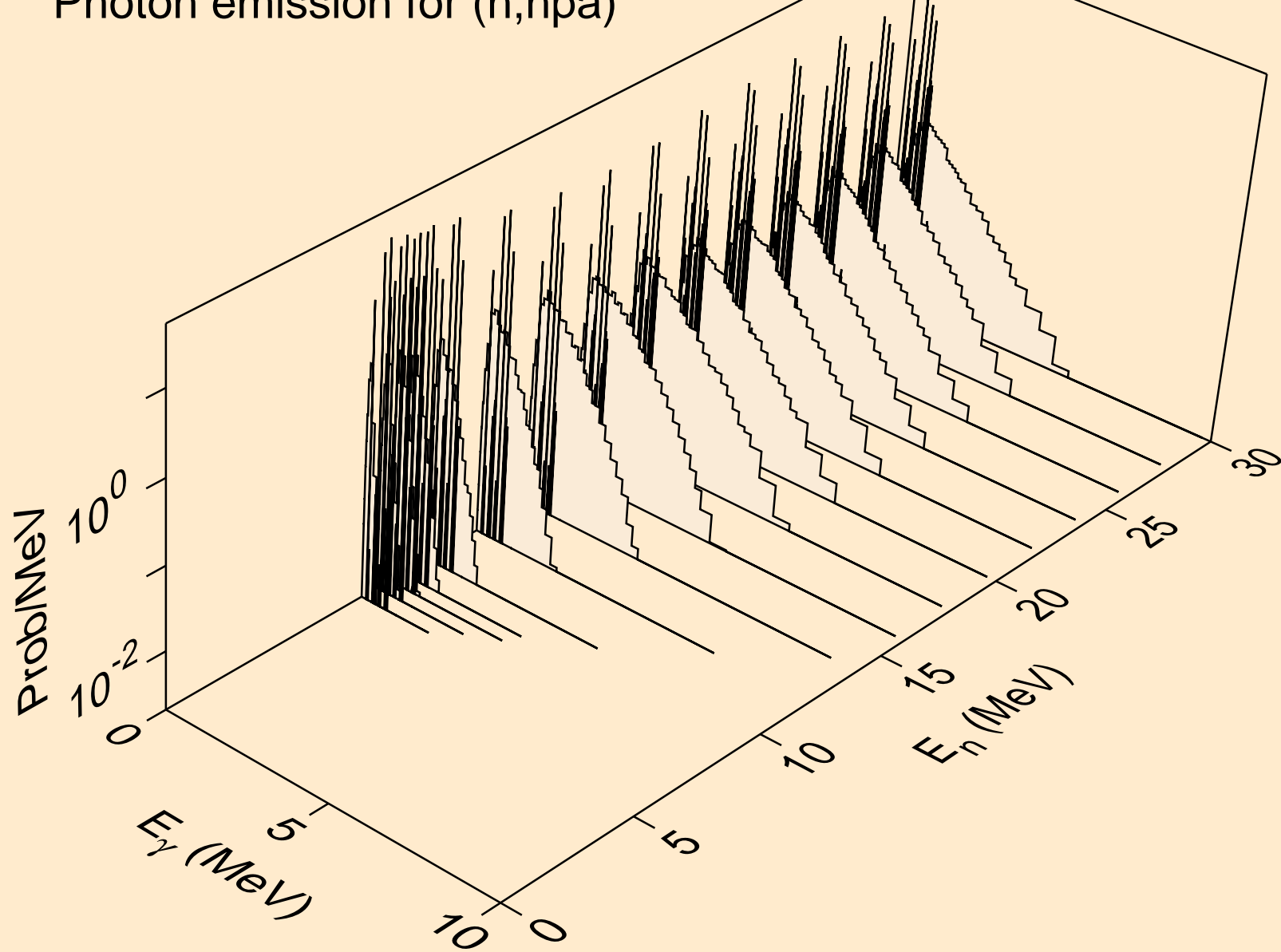
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



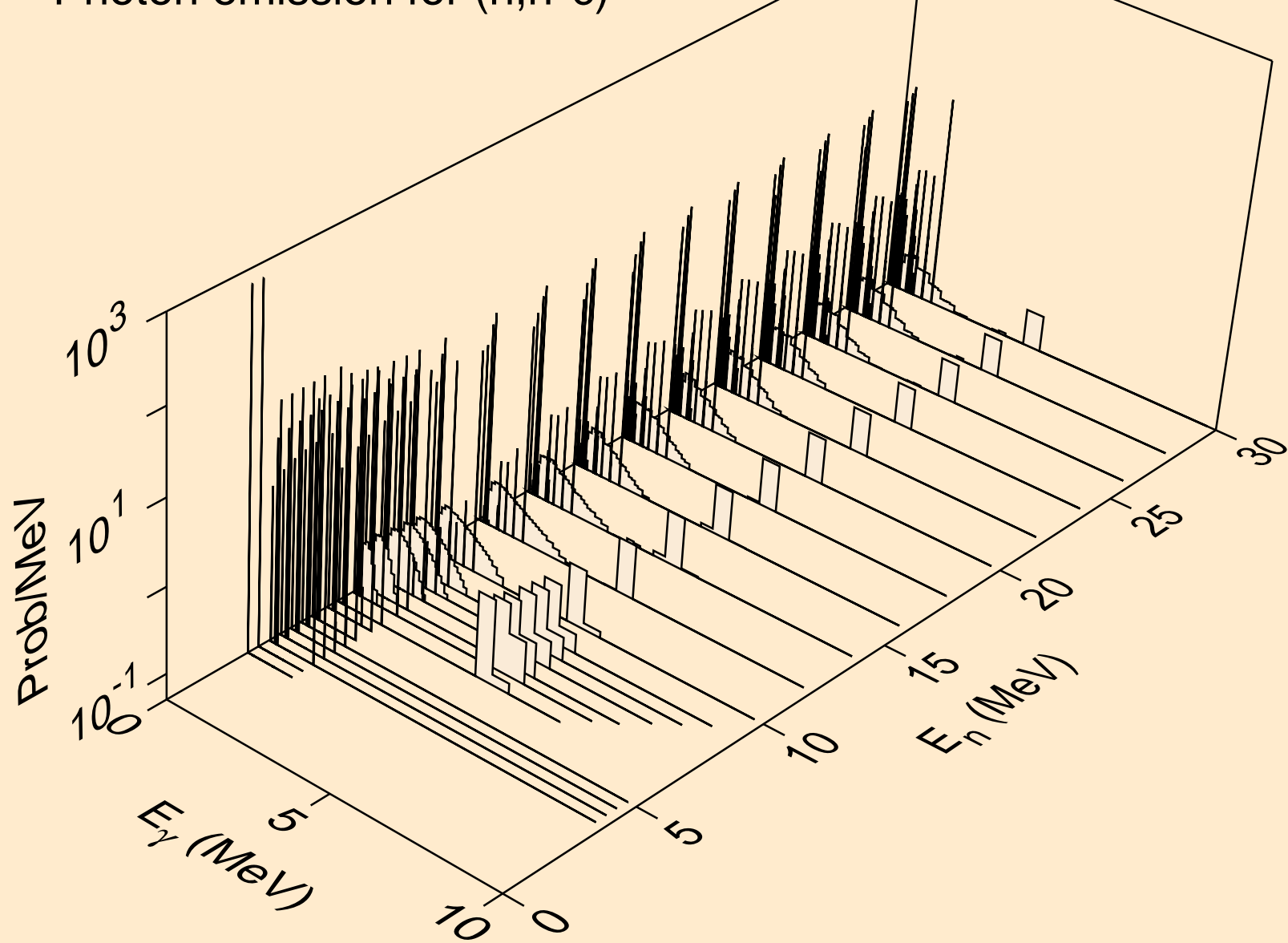
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



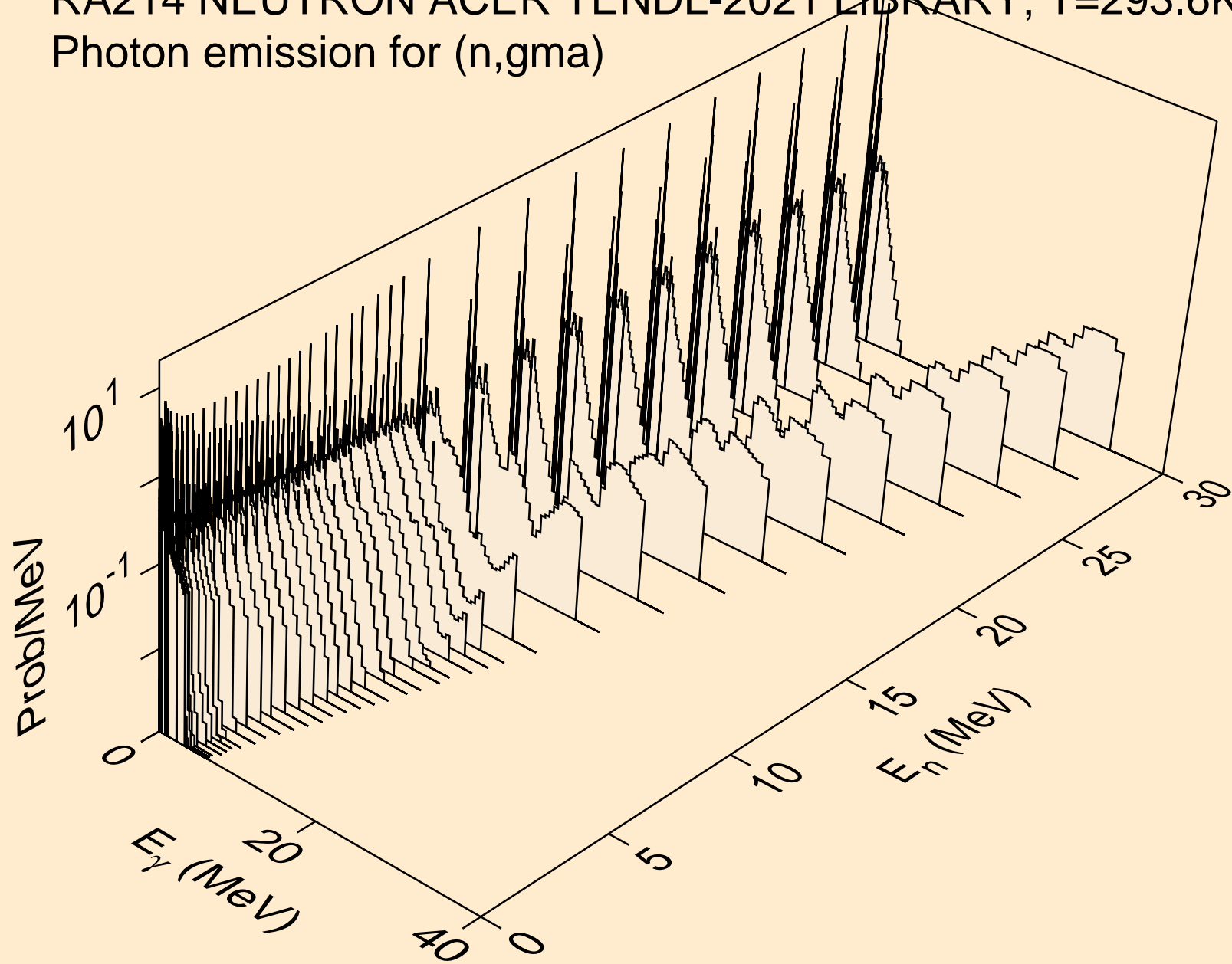
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



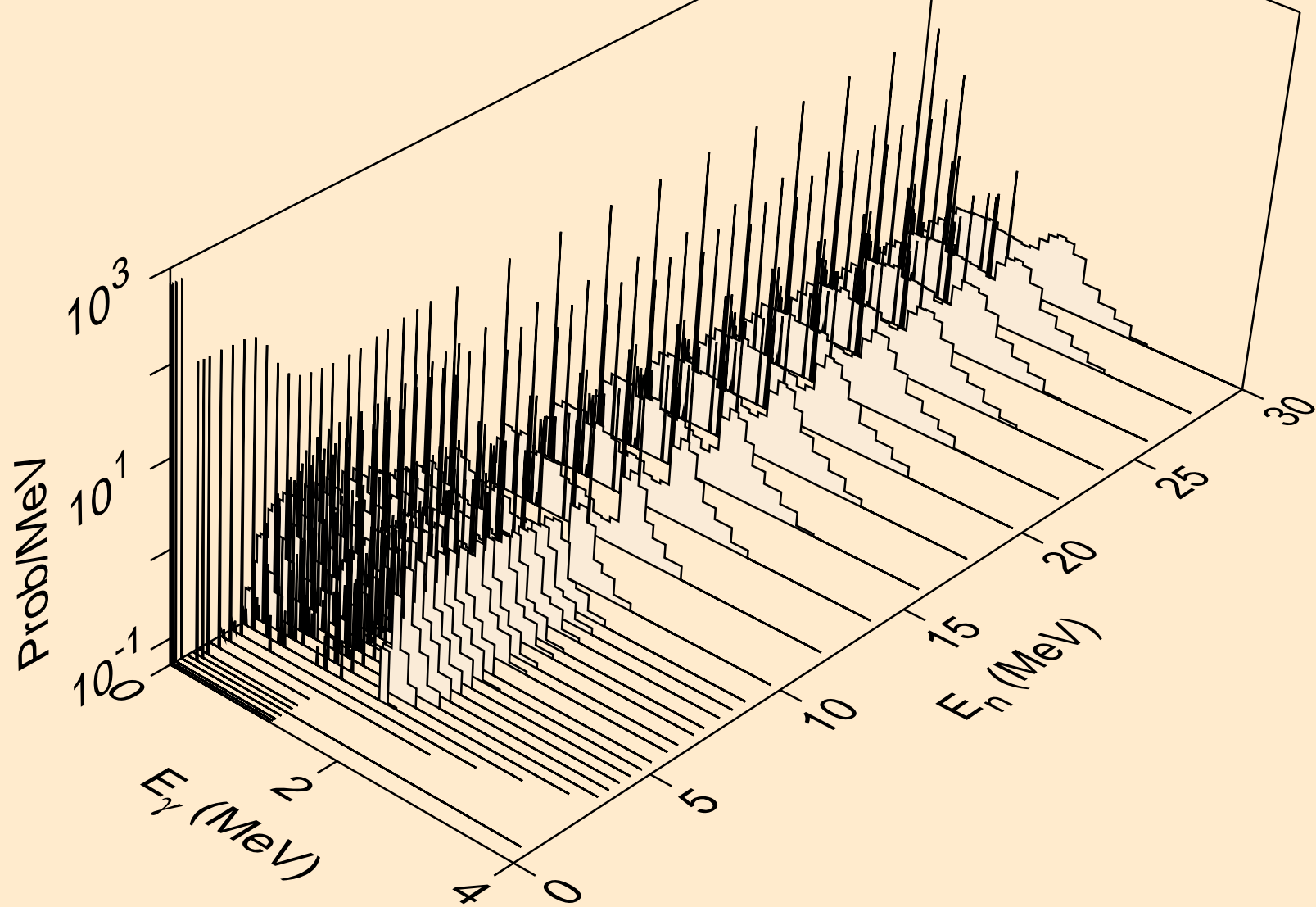
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



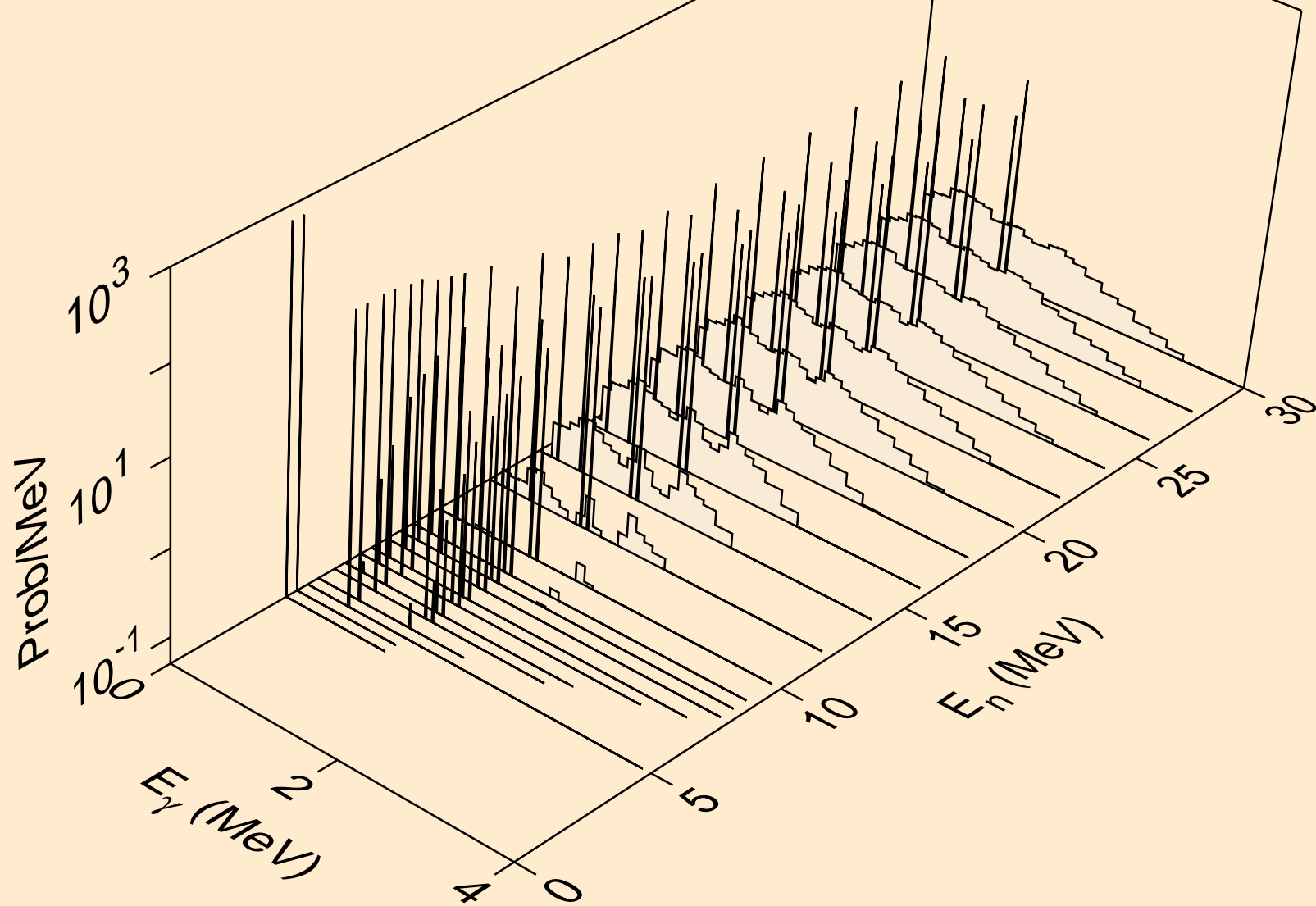
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

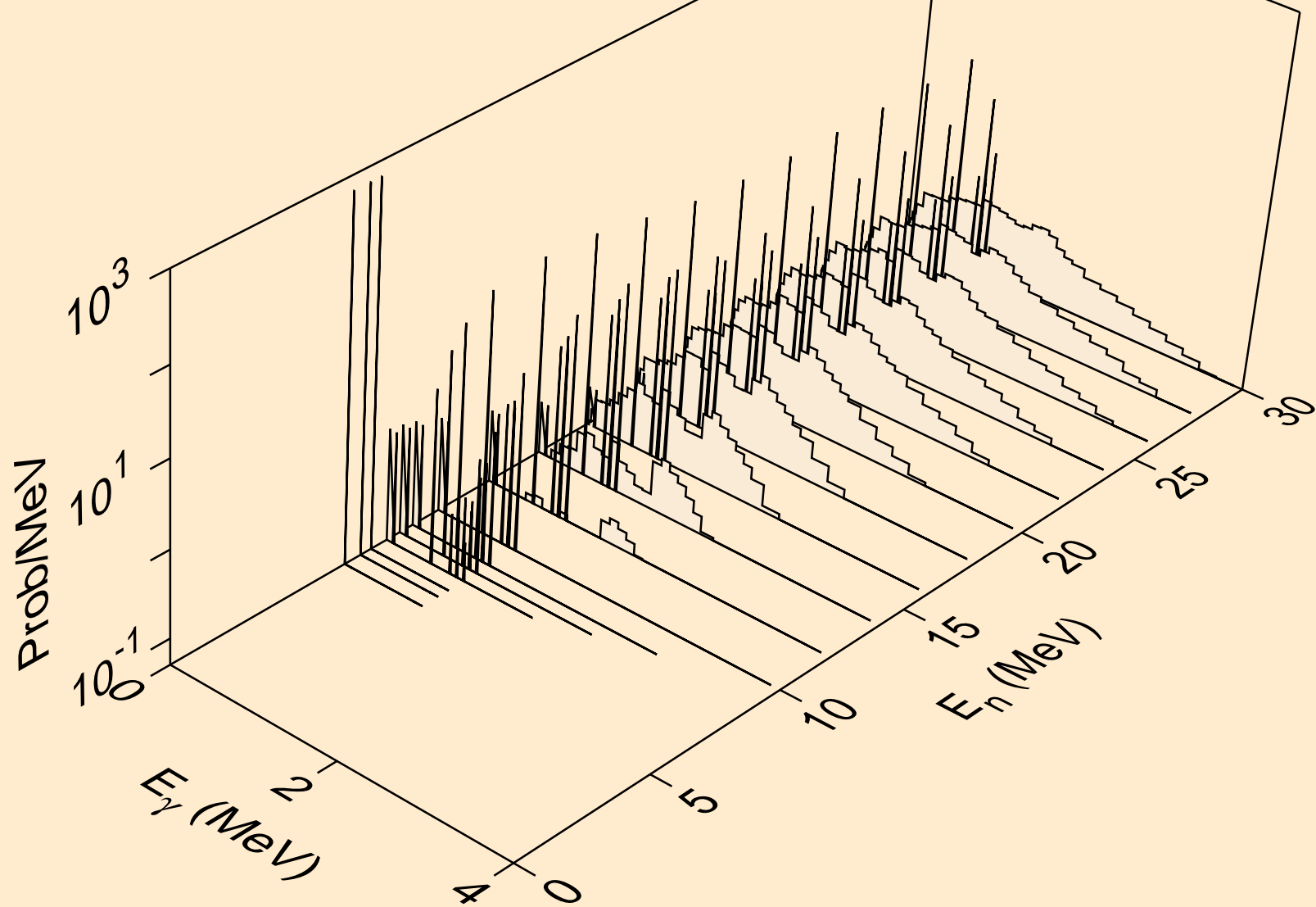


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

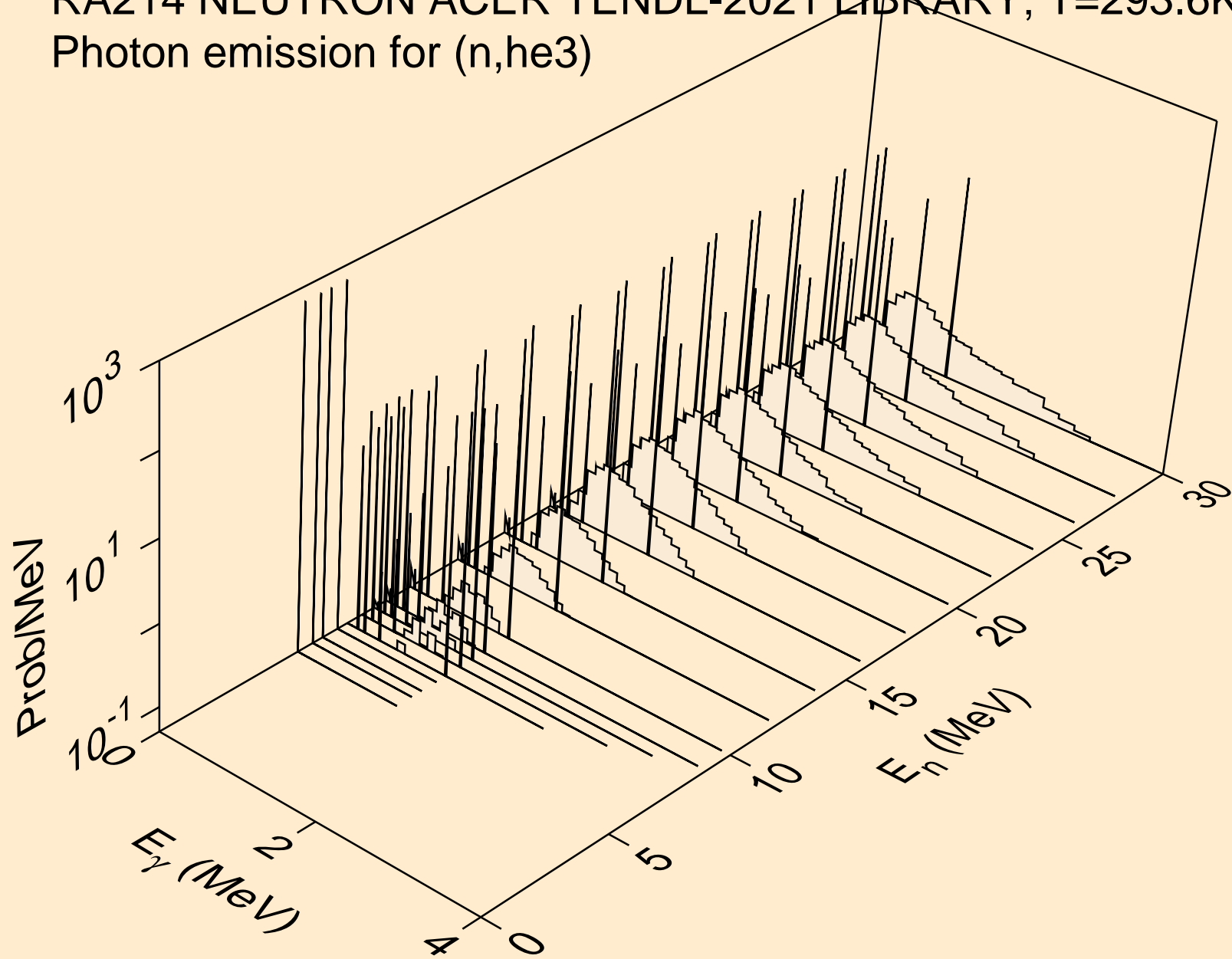




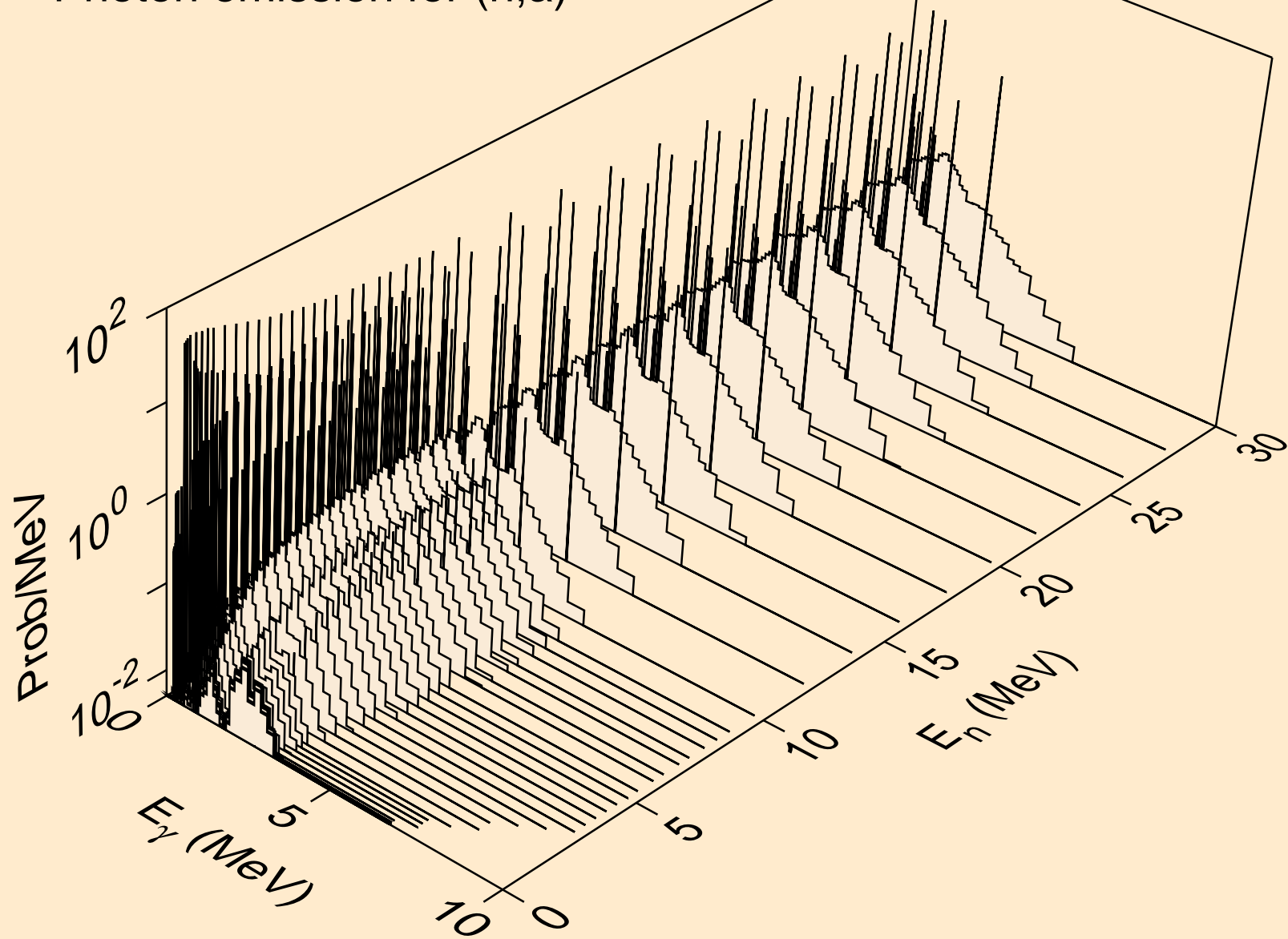
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



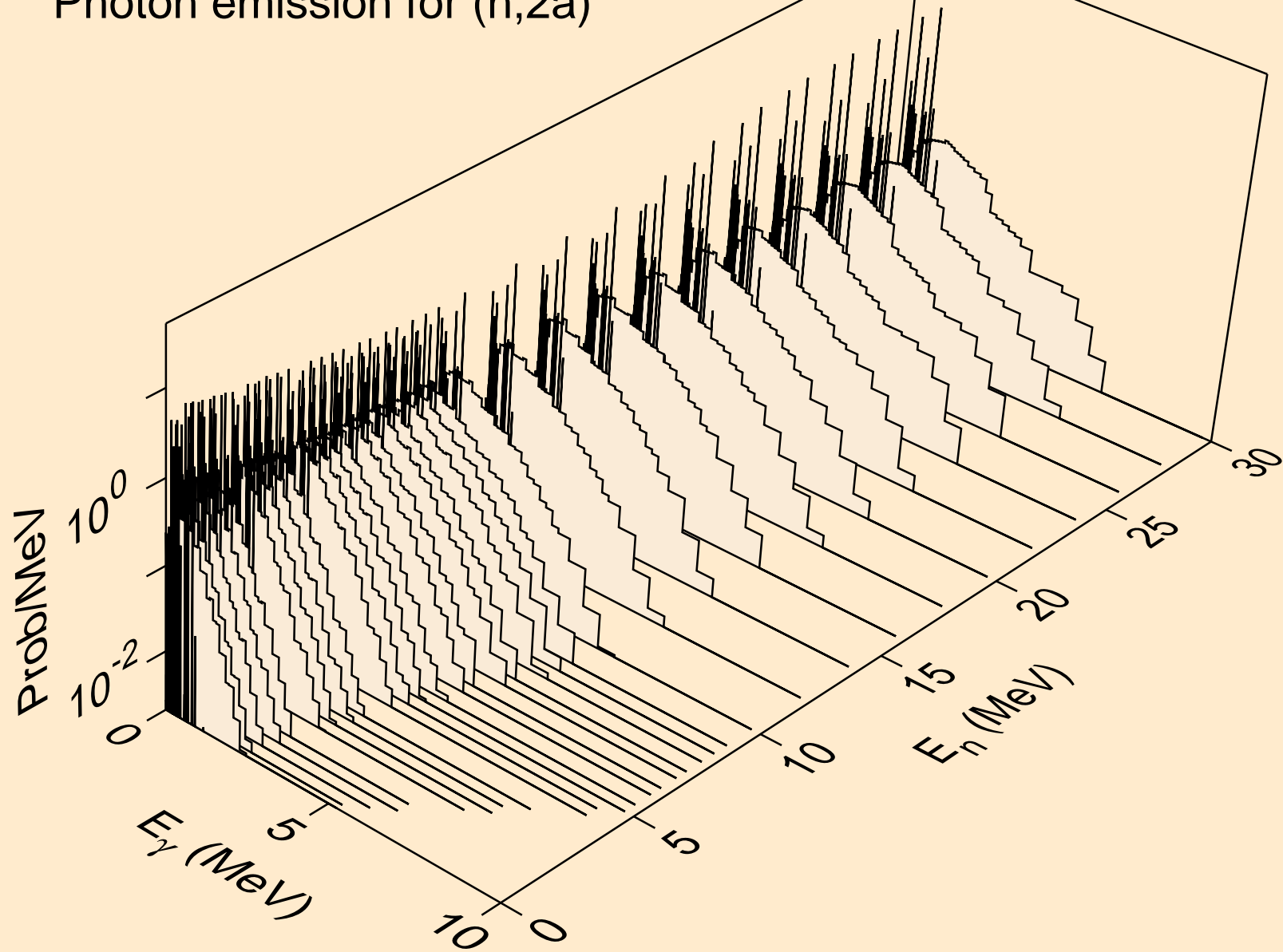
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



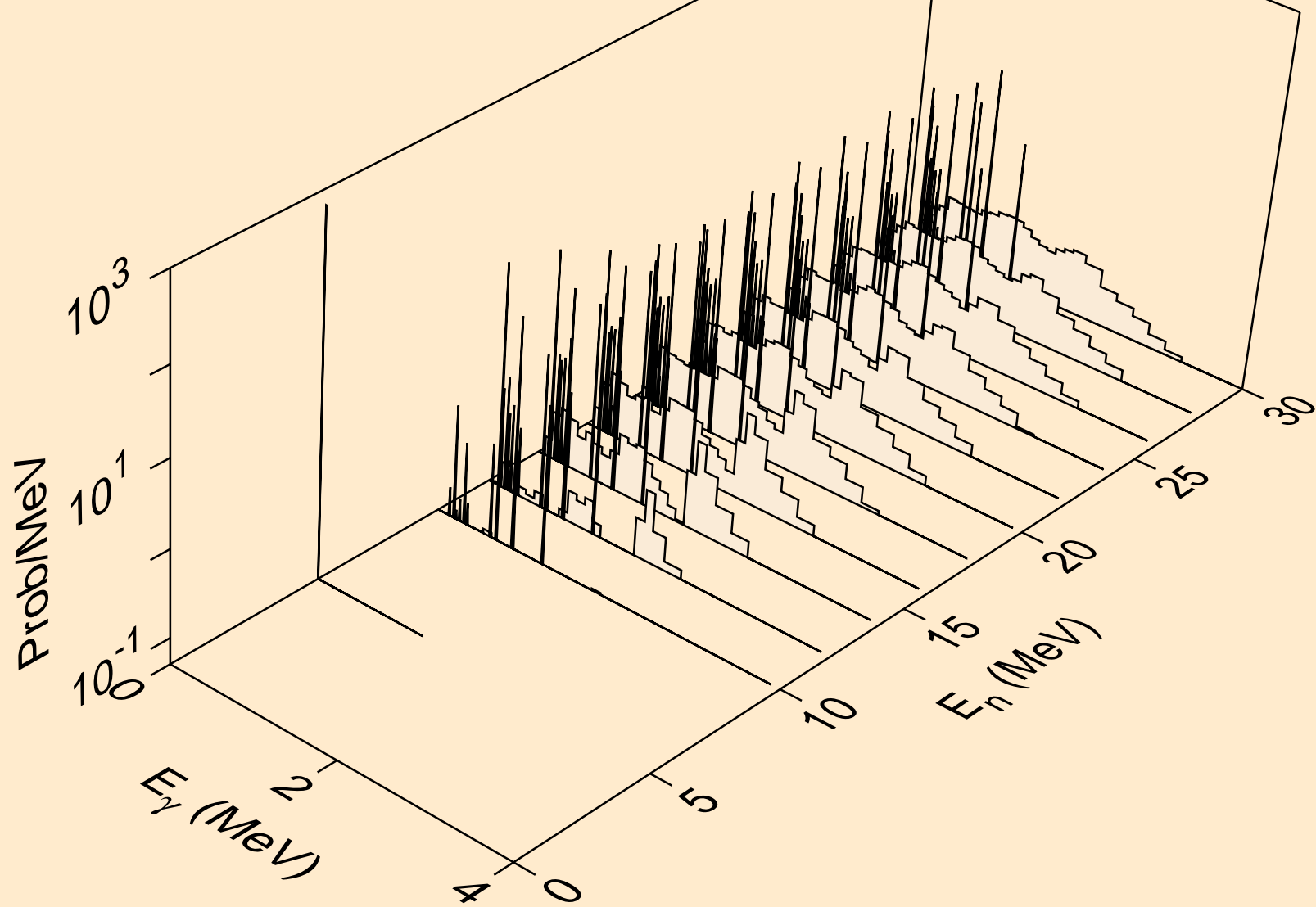
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



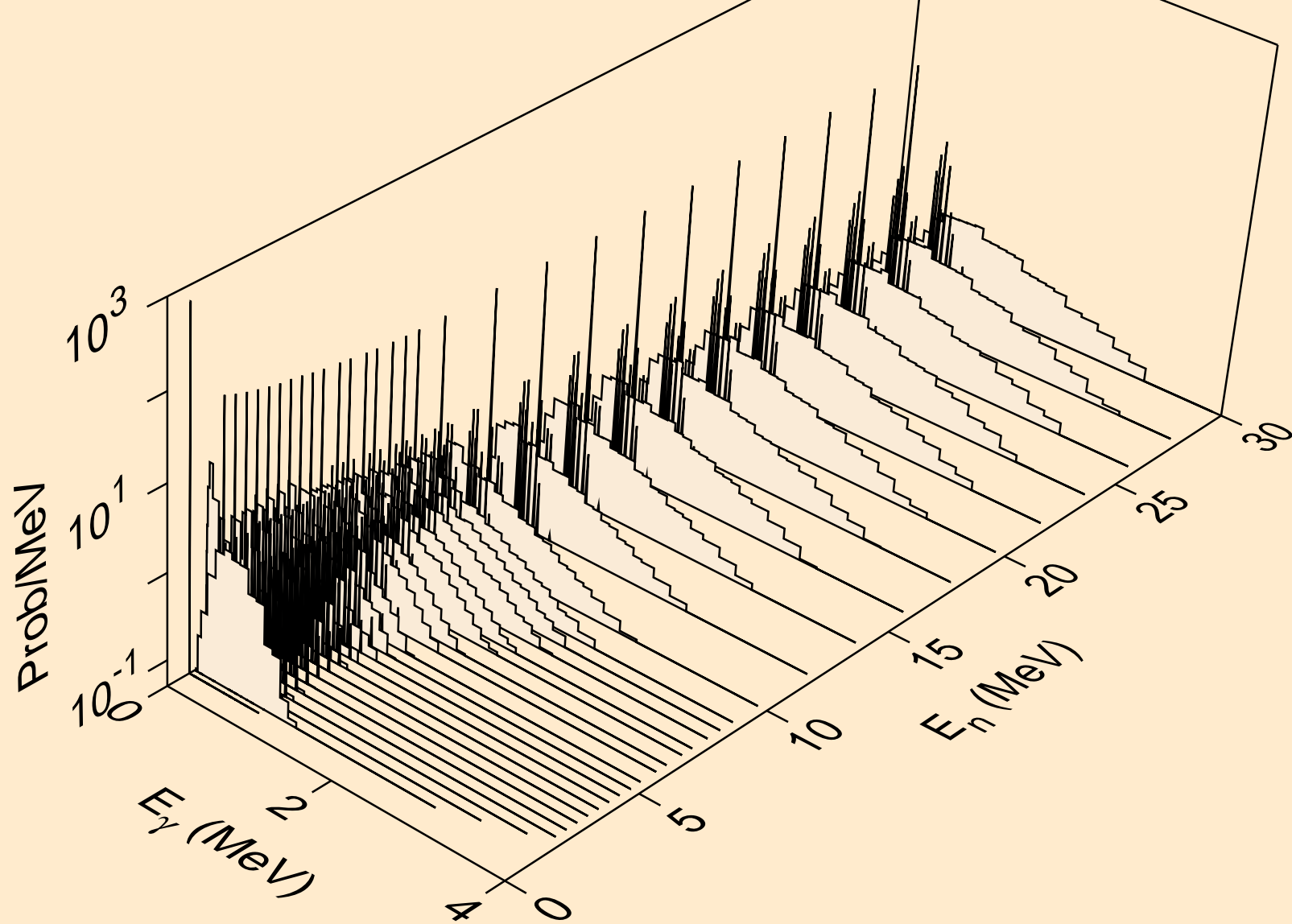
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



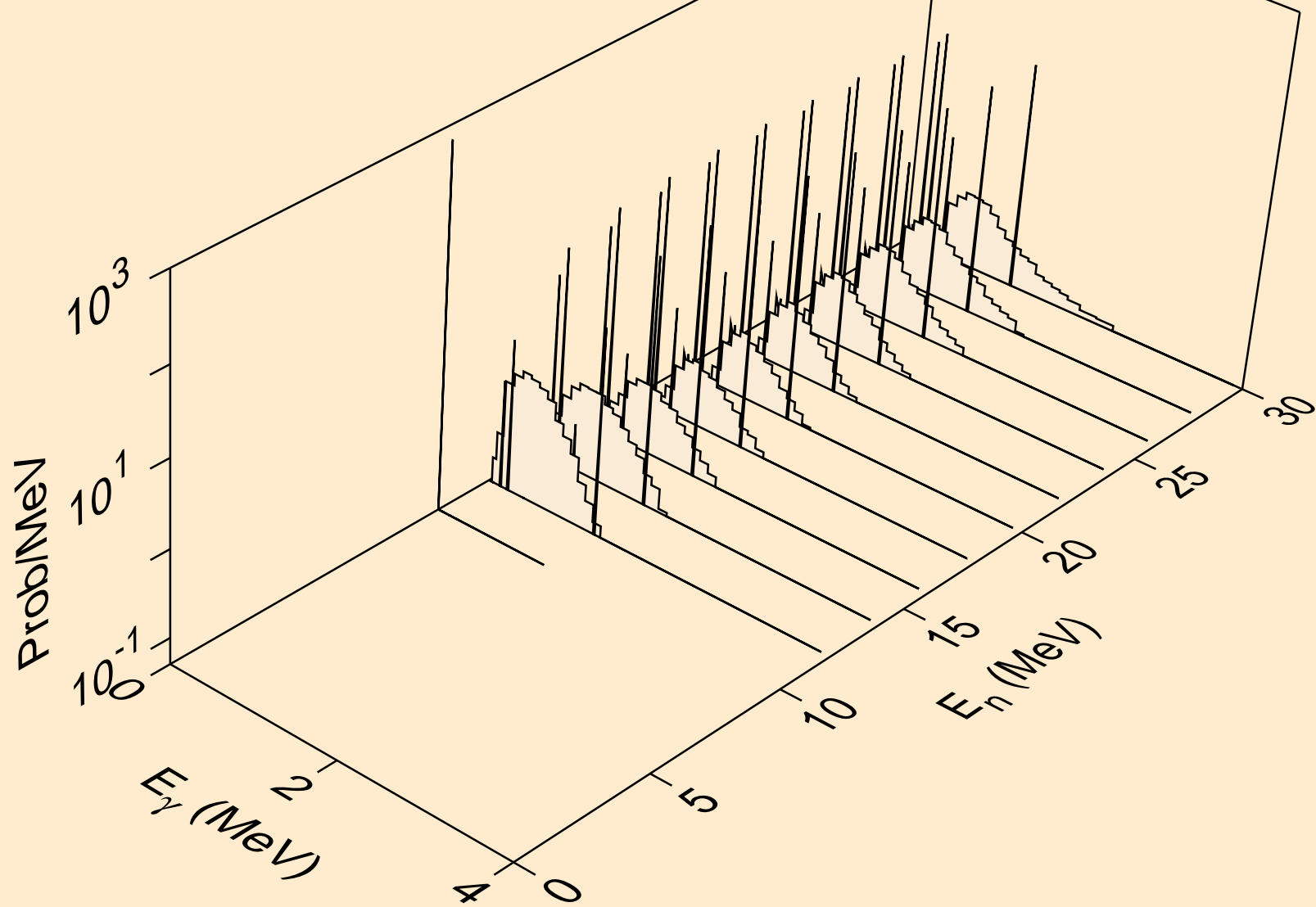
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



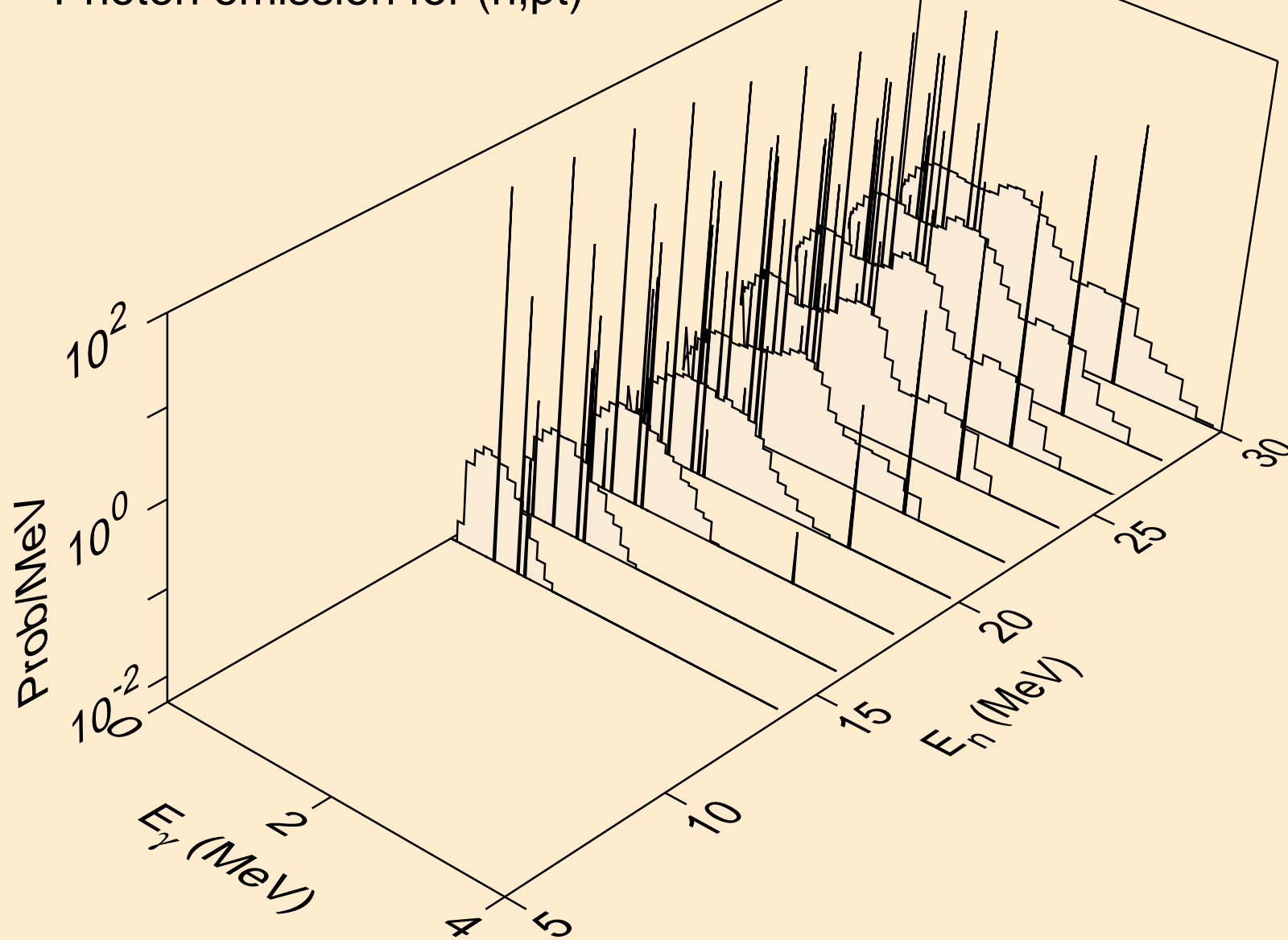
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

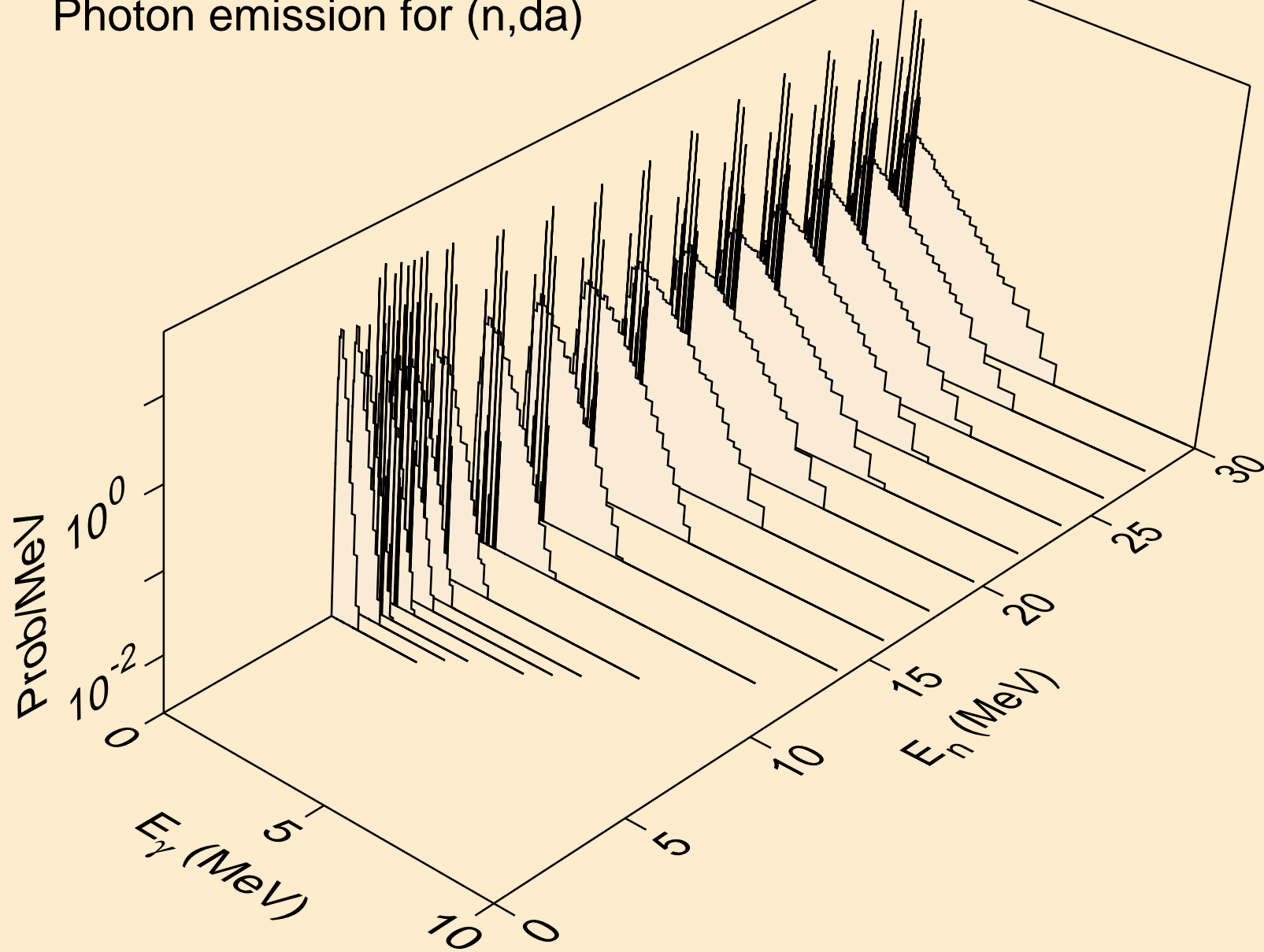


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

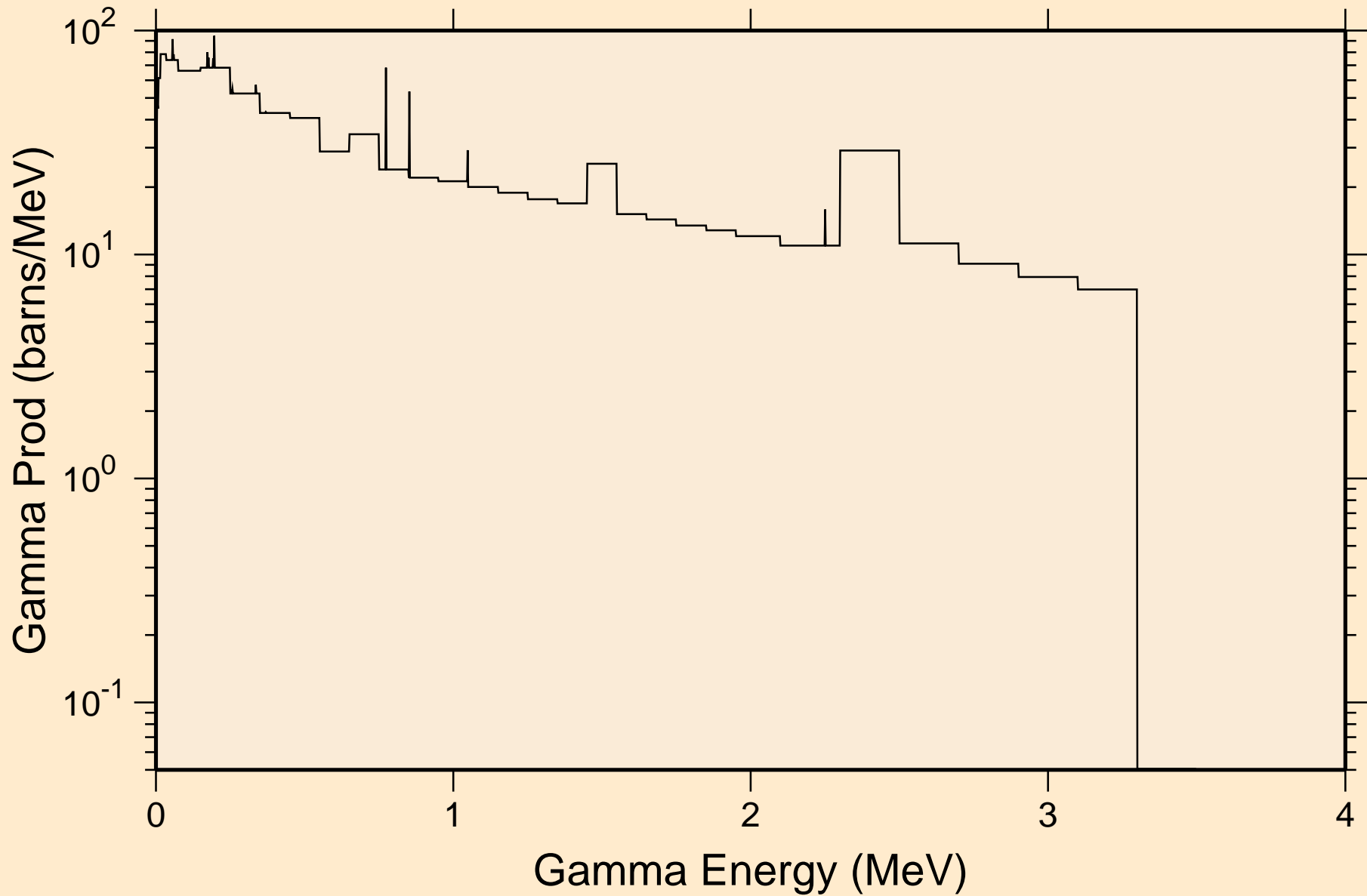




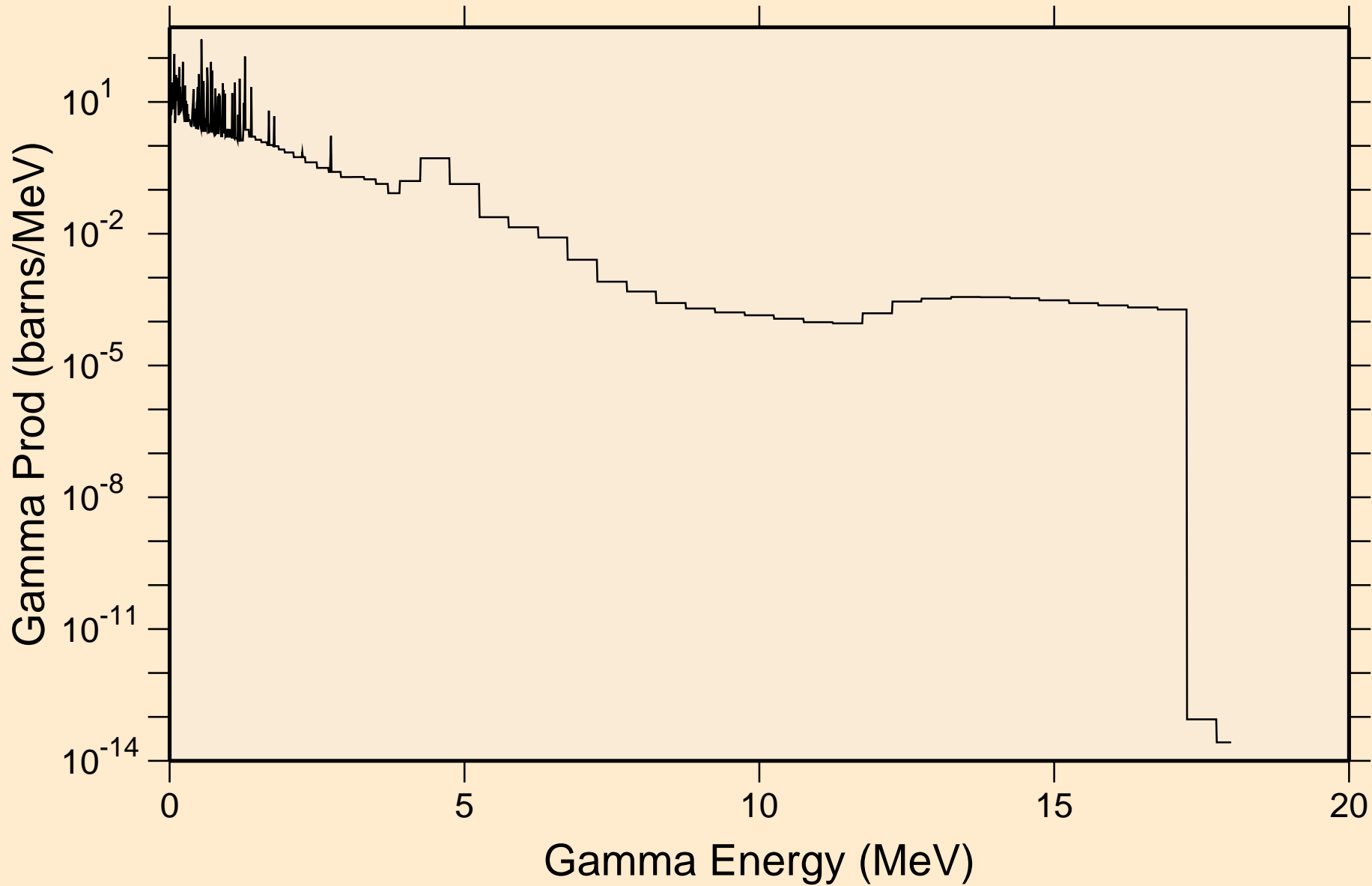
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

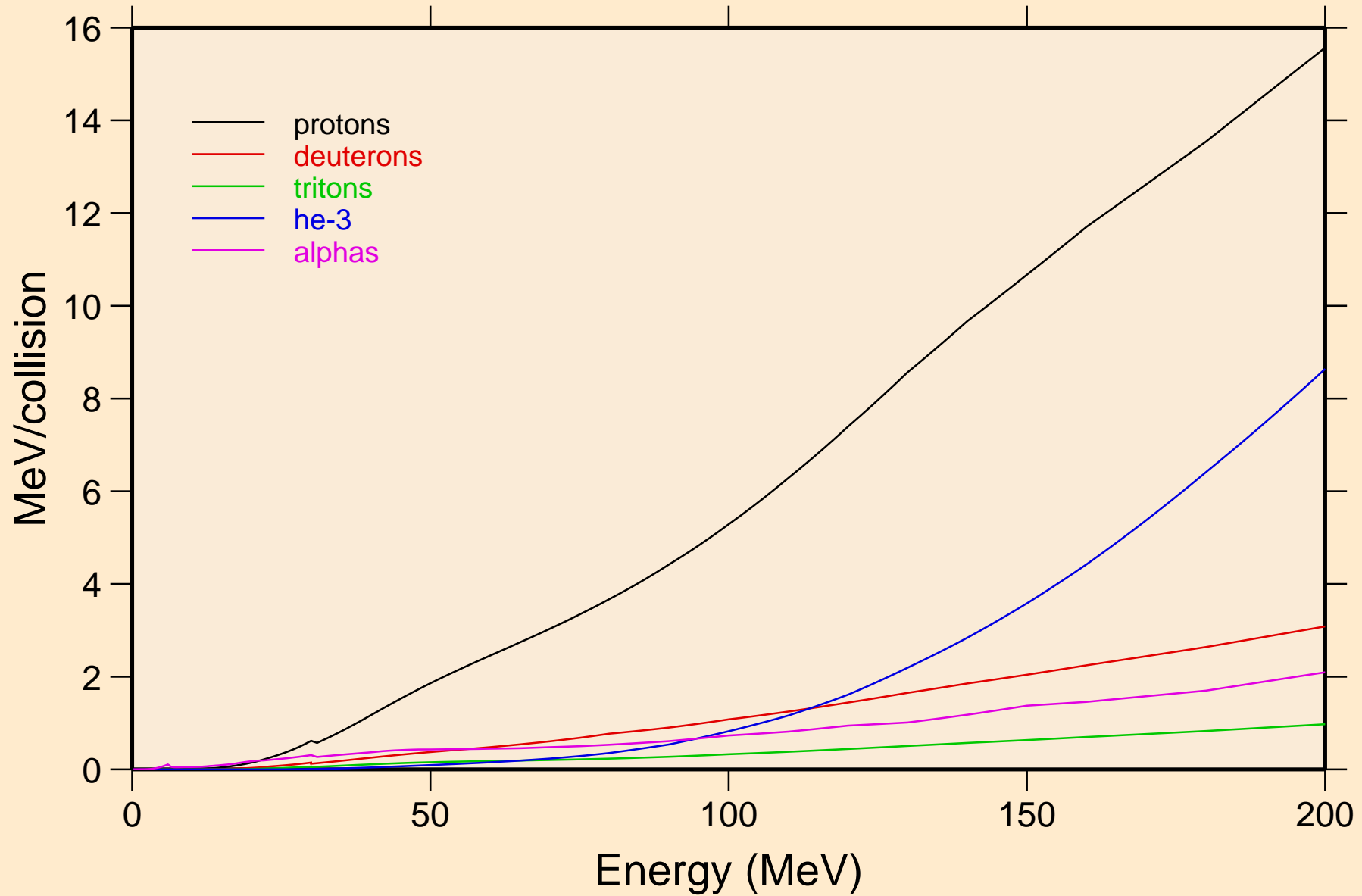


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

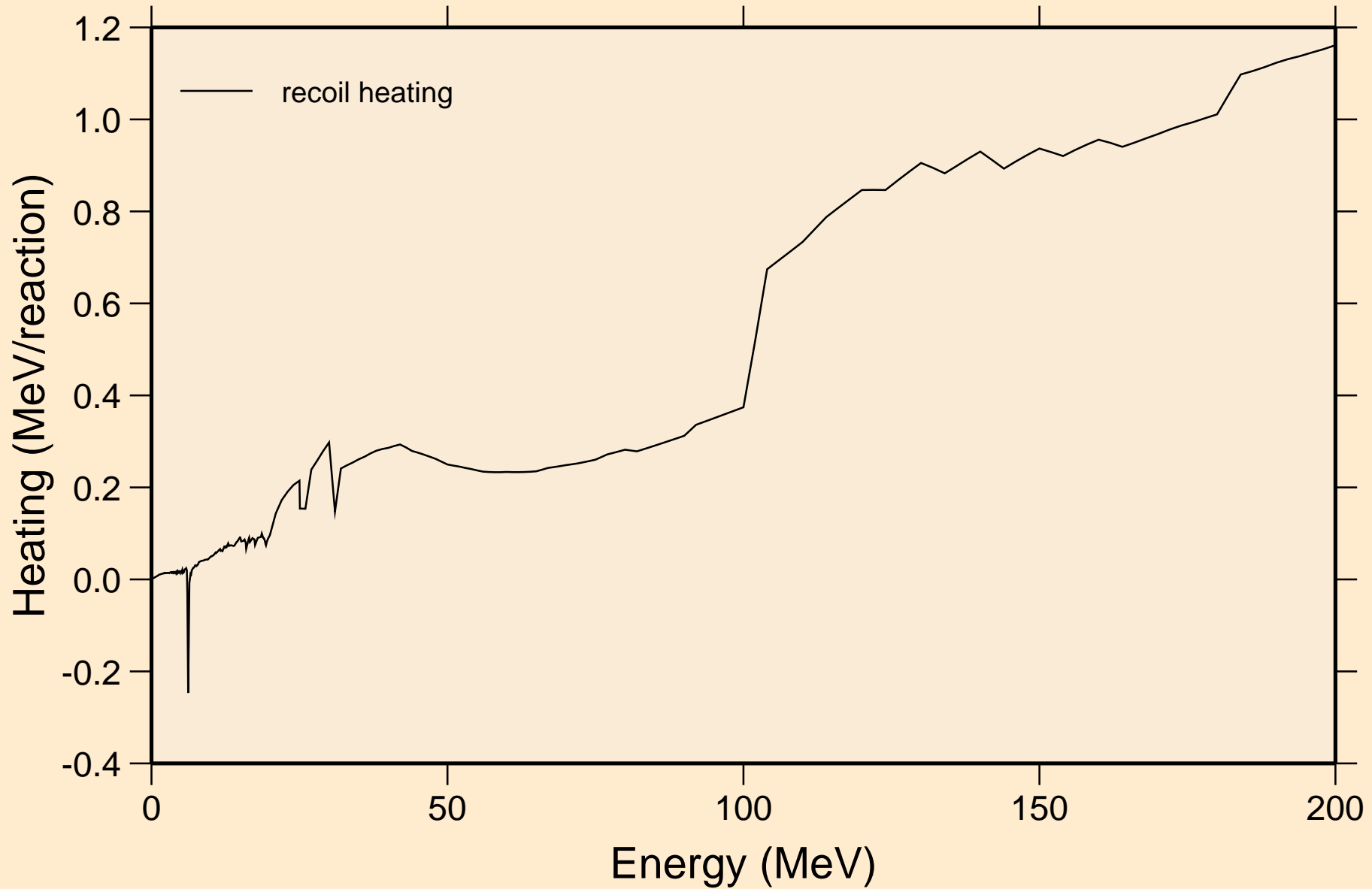


# RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

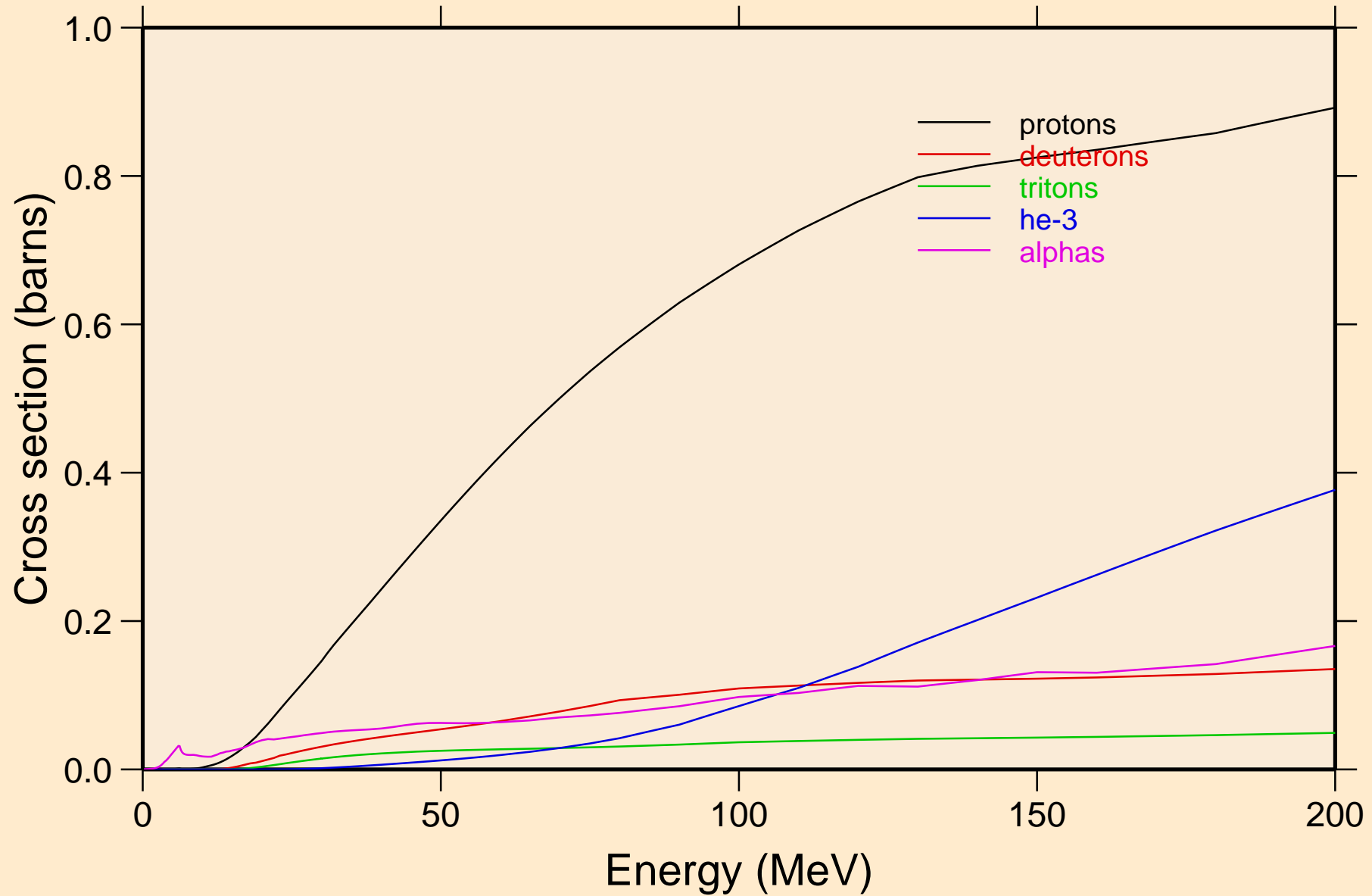
## Particle heating contributions



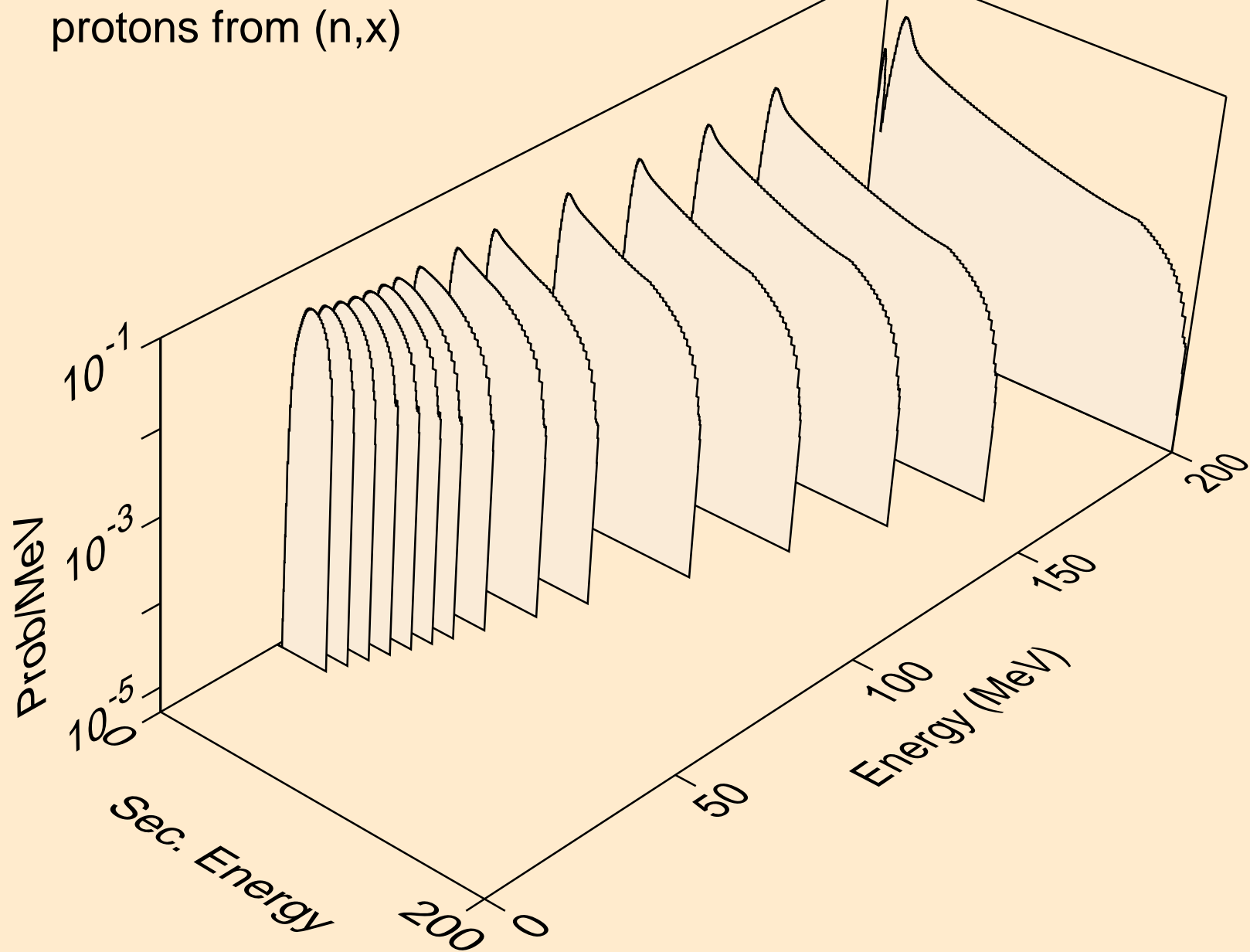
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



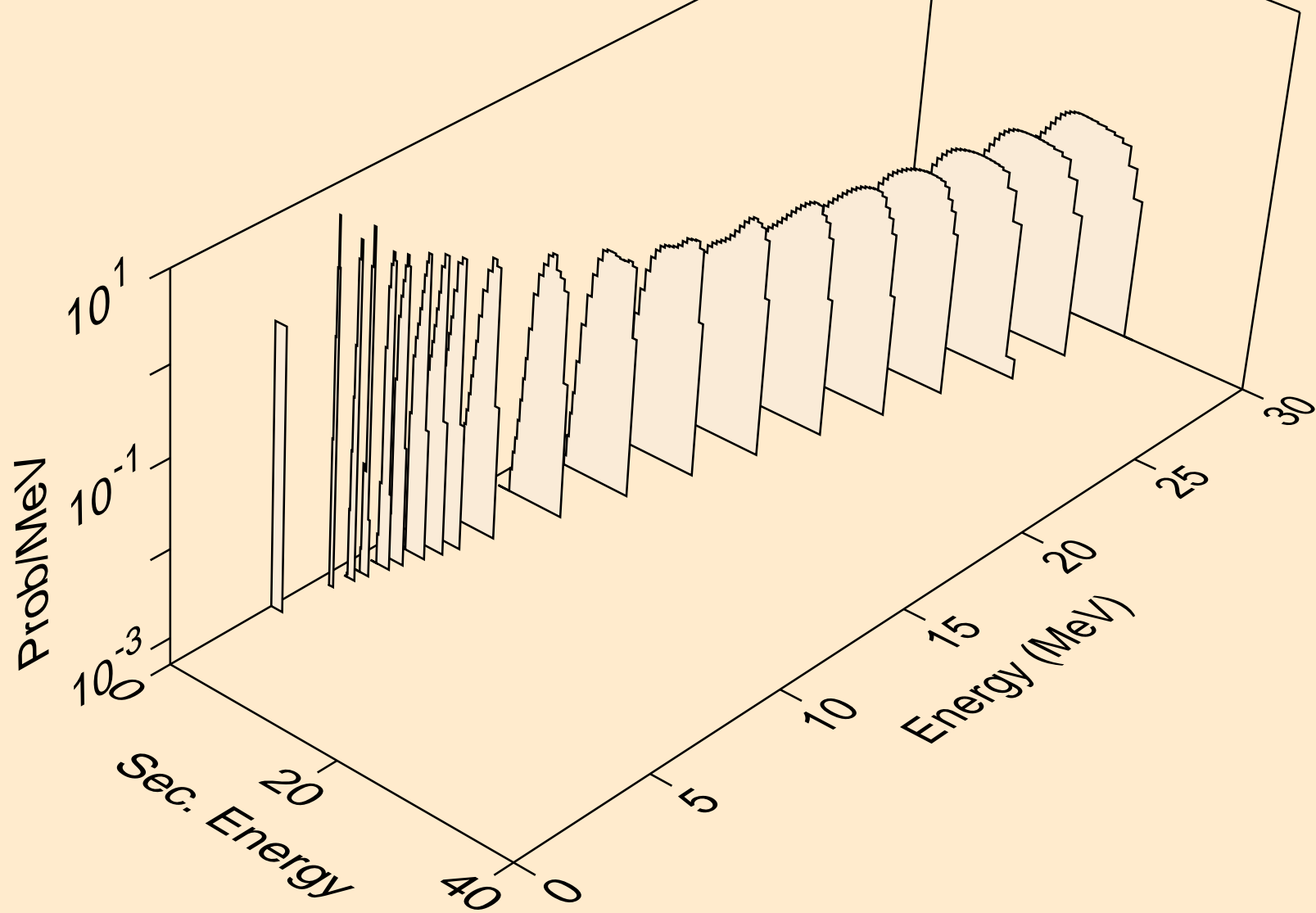
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

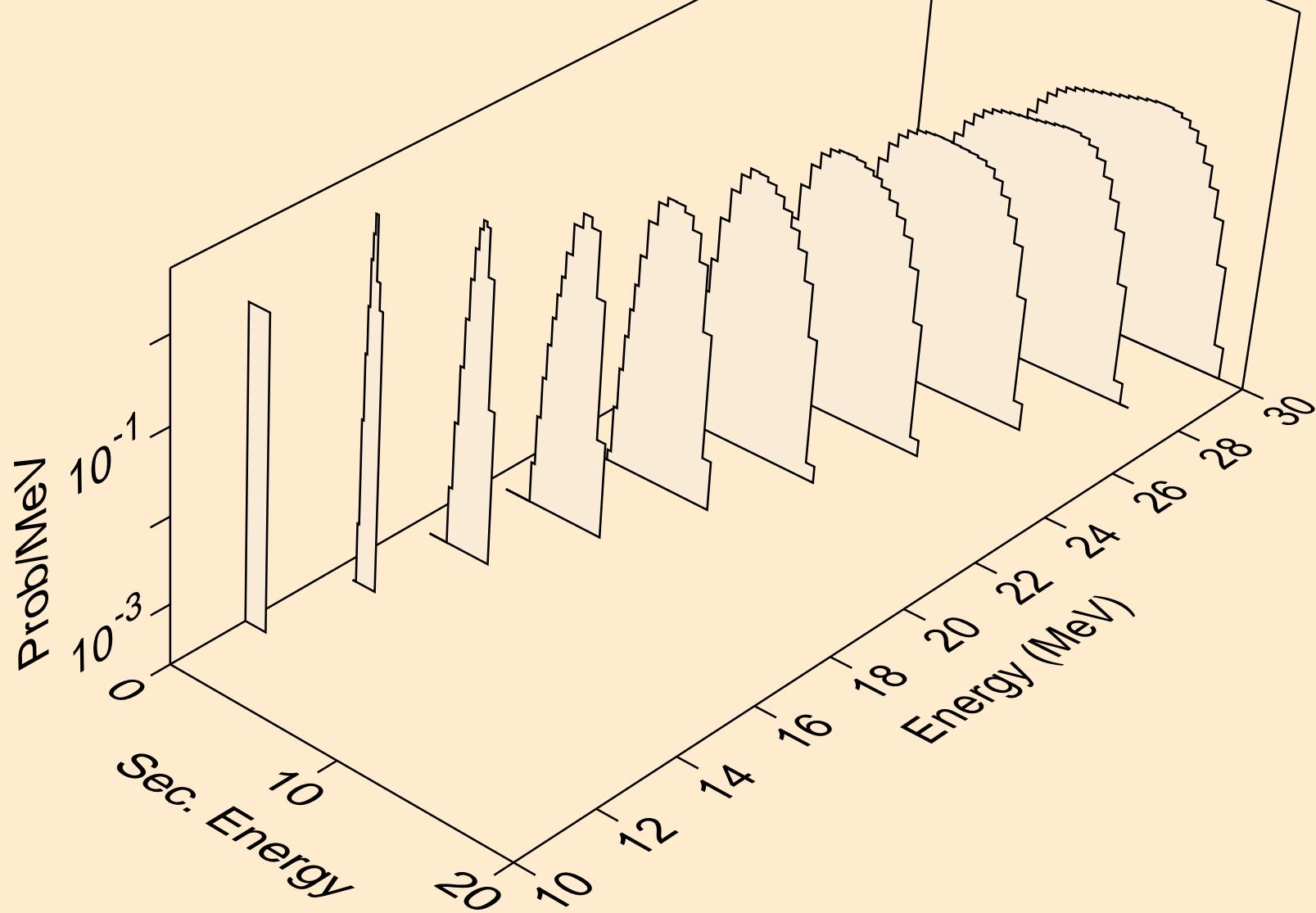


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

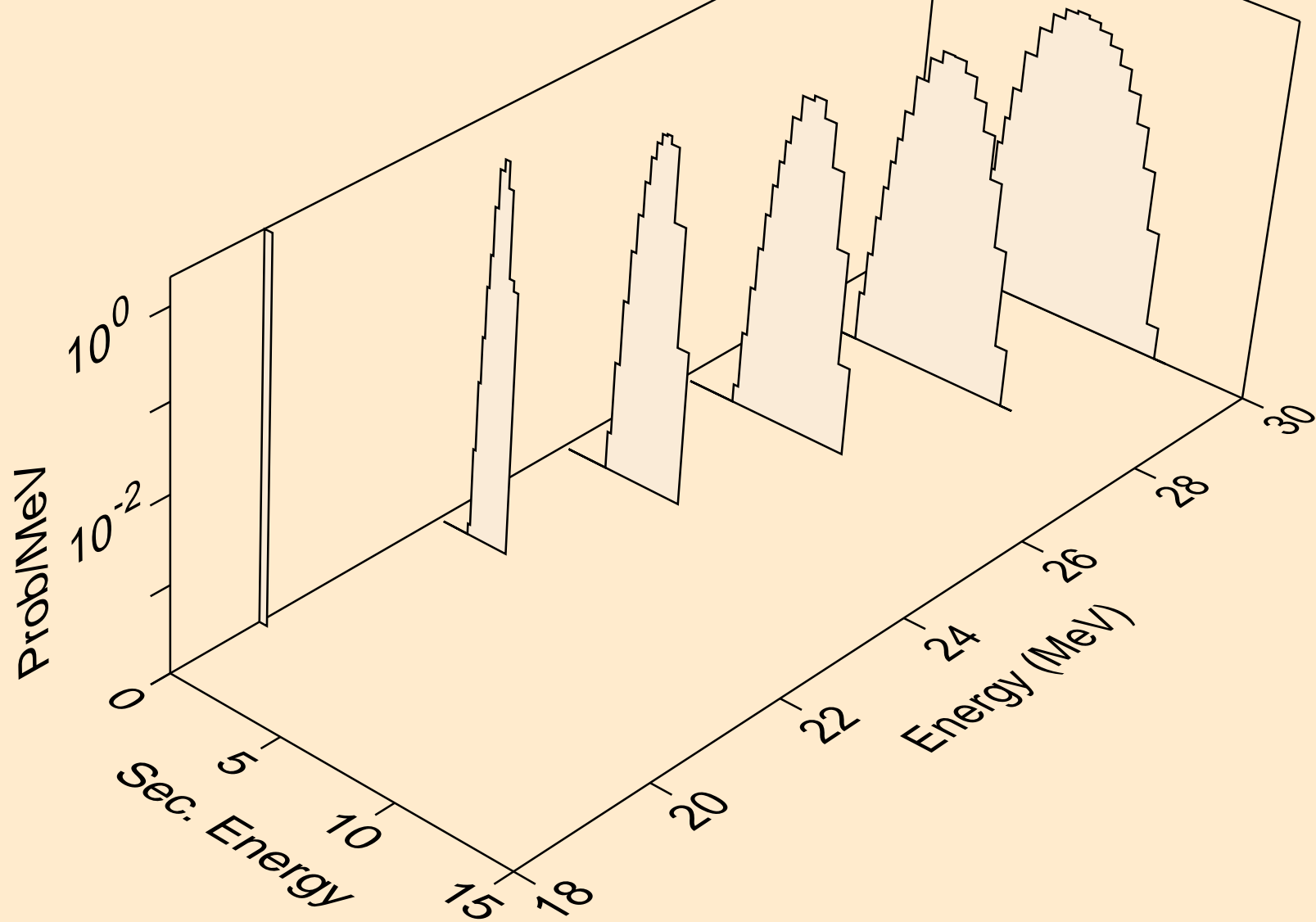




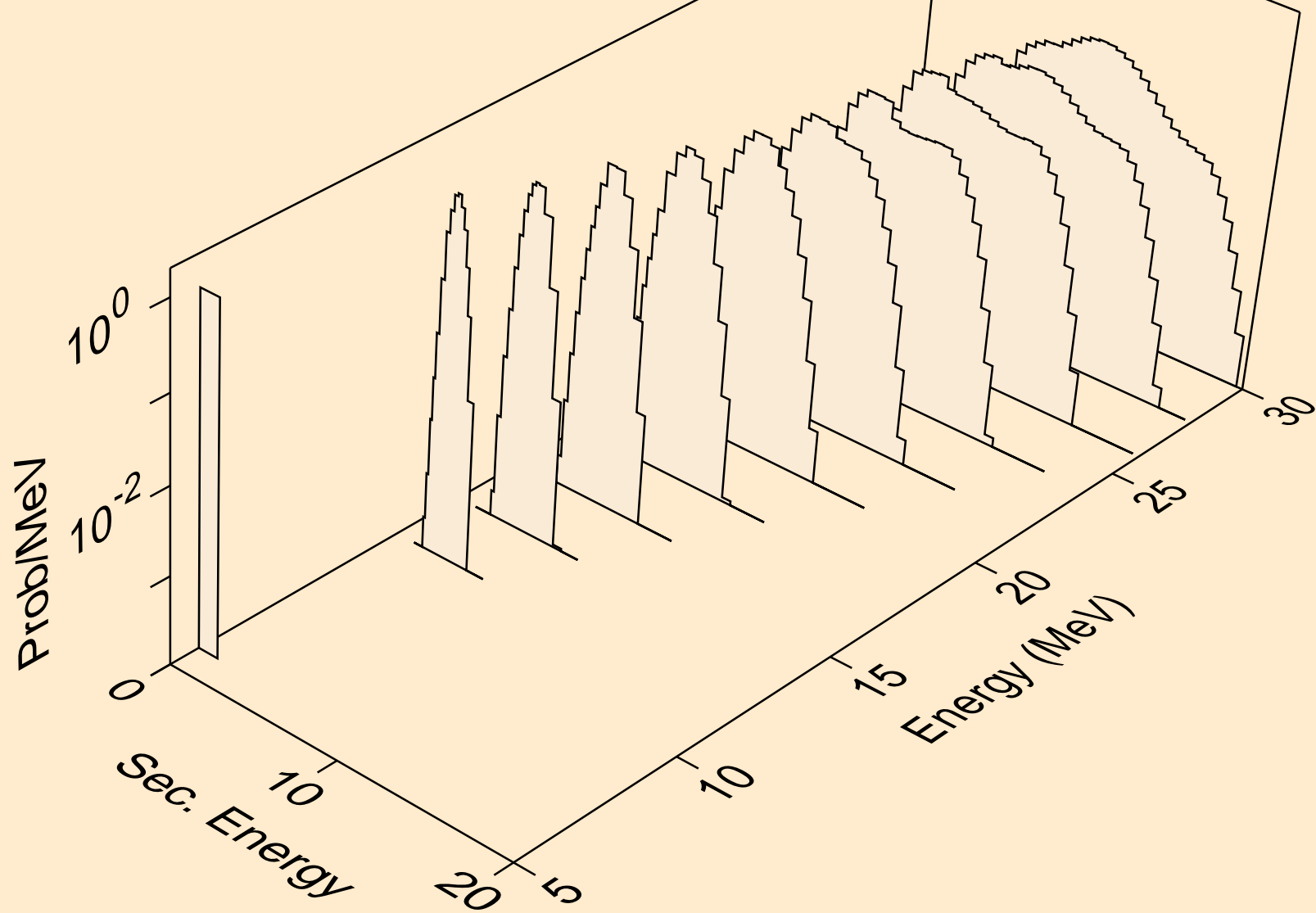
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



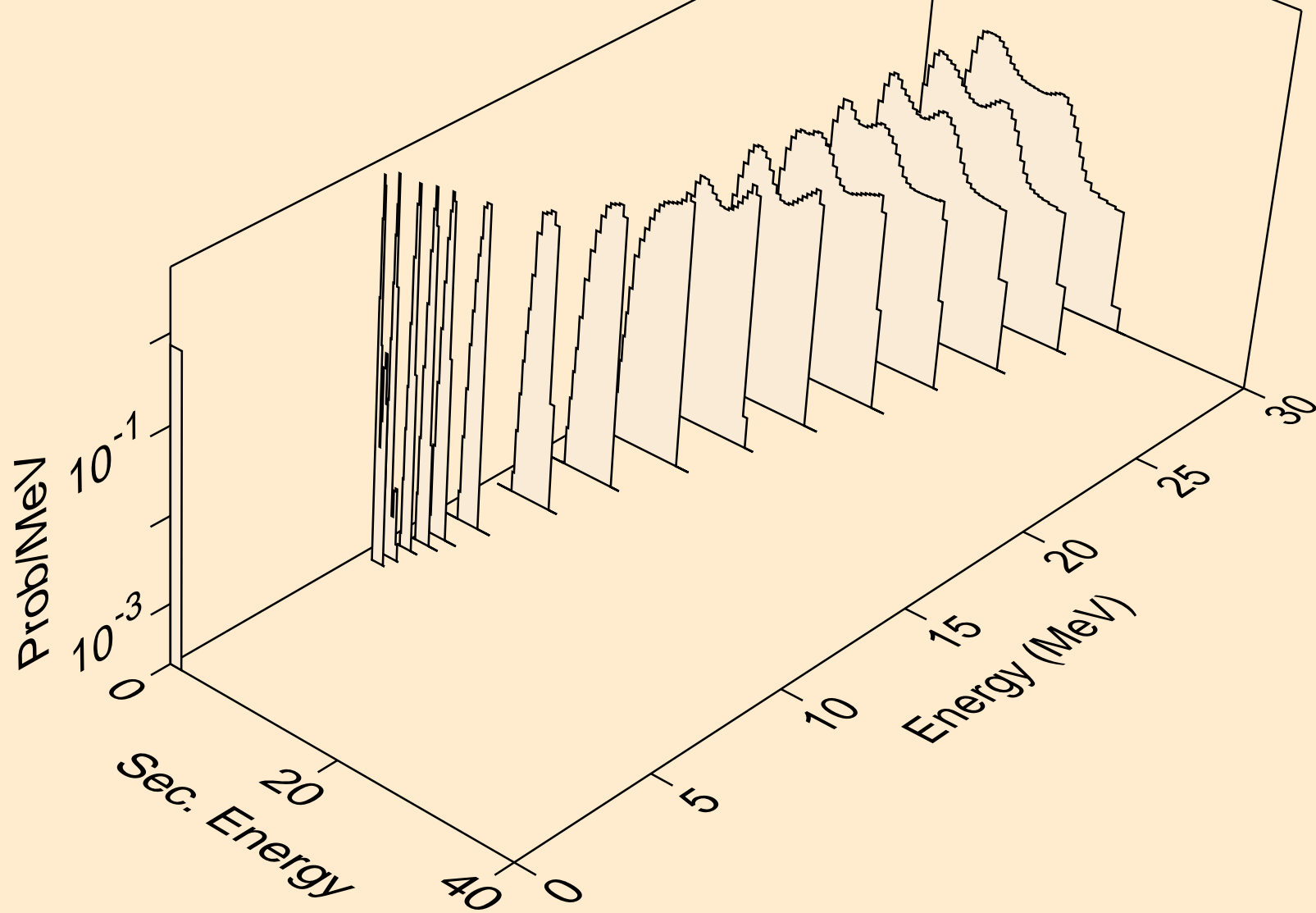
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



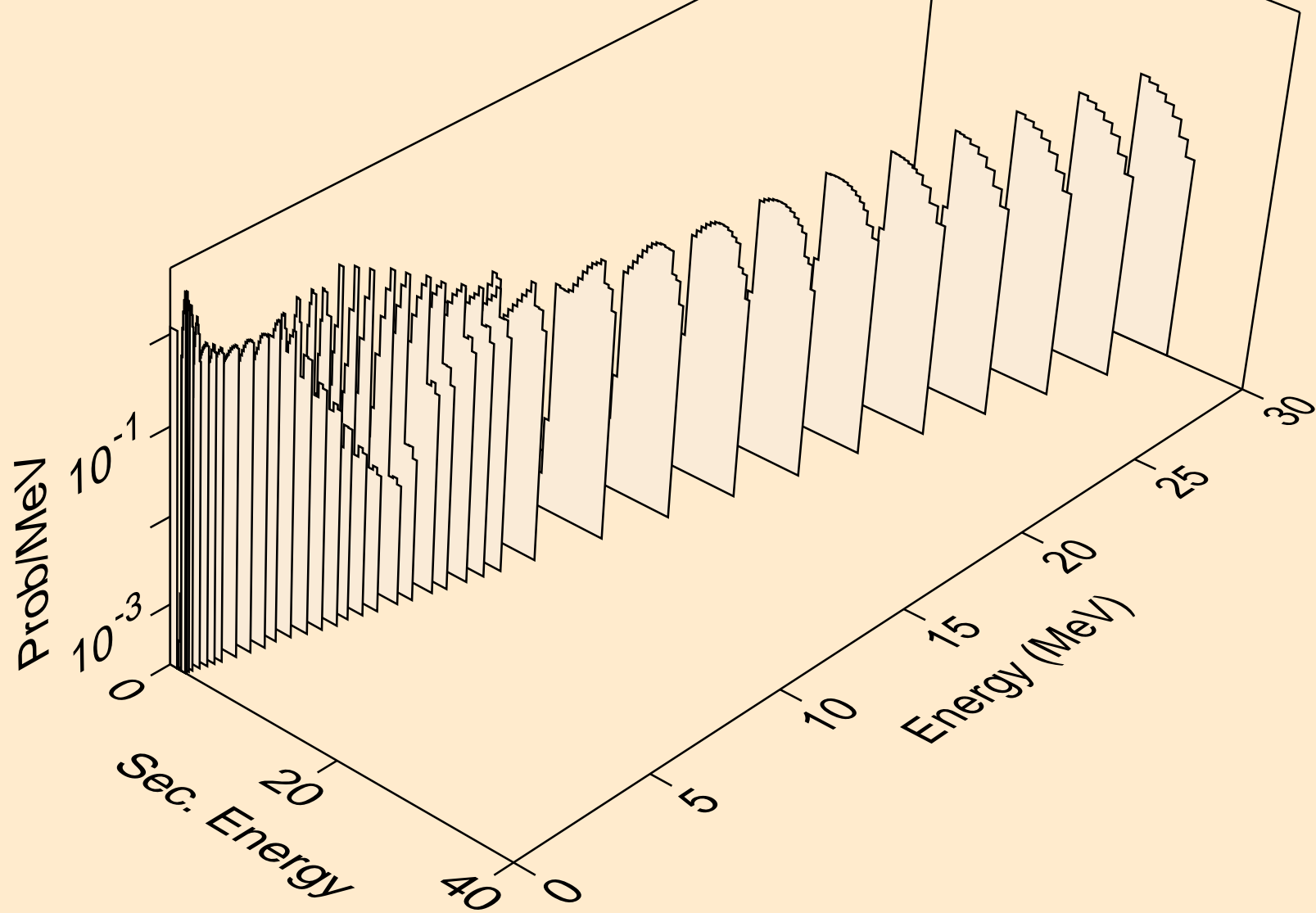
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



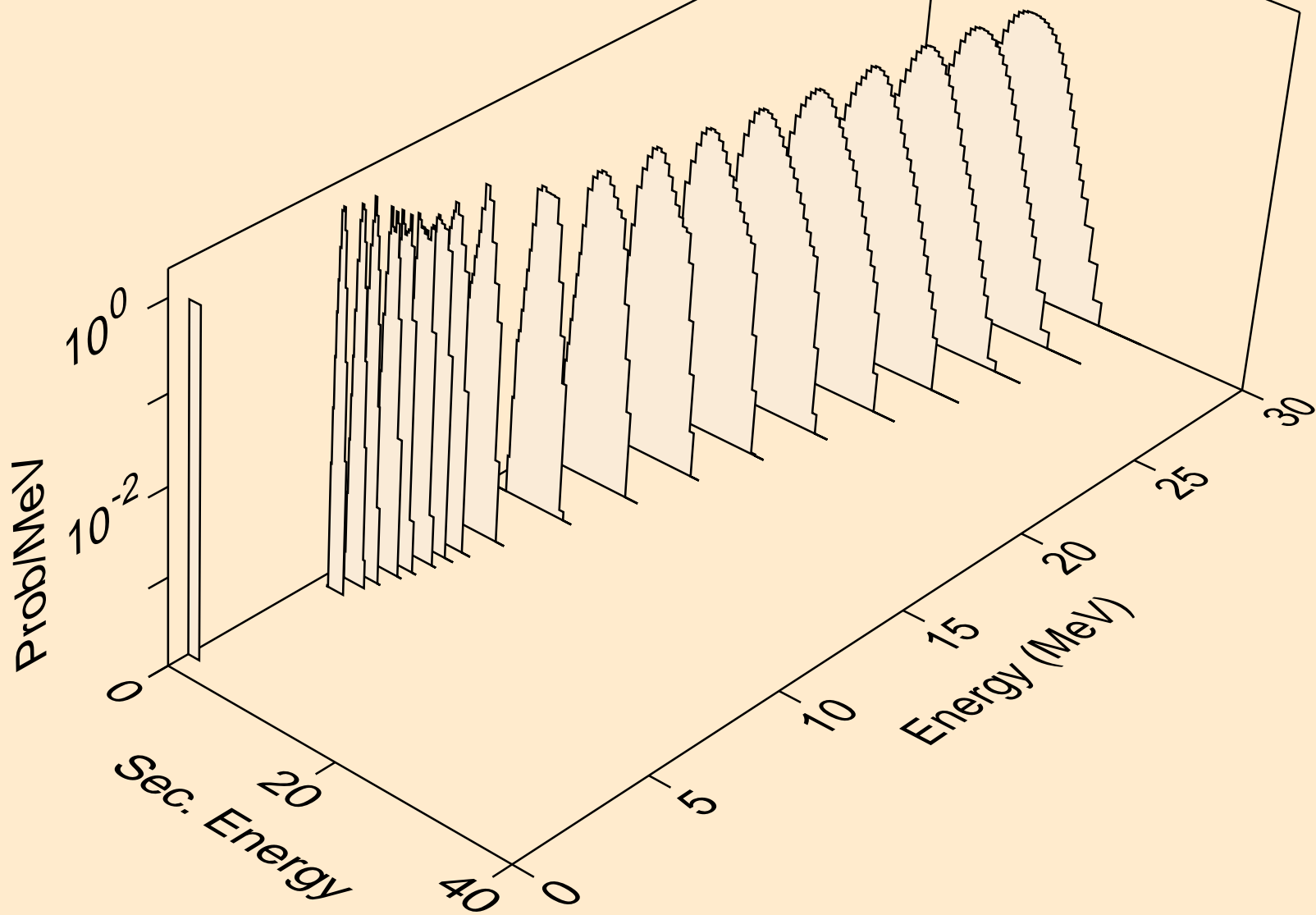
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



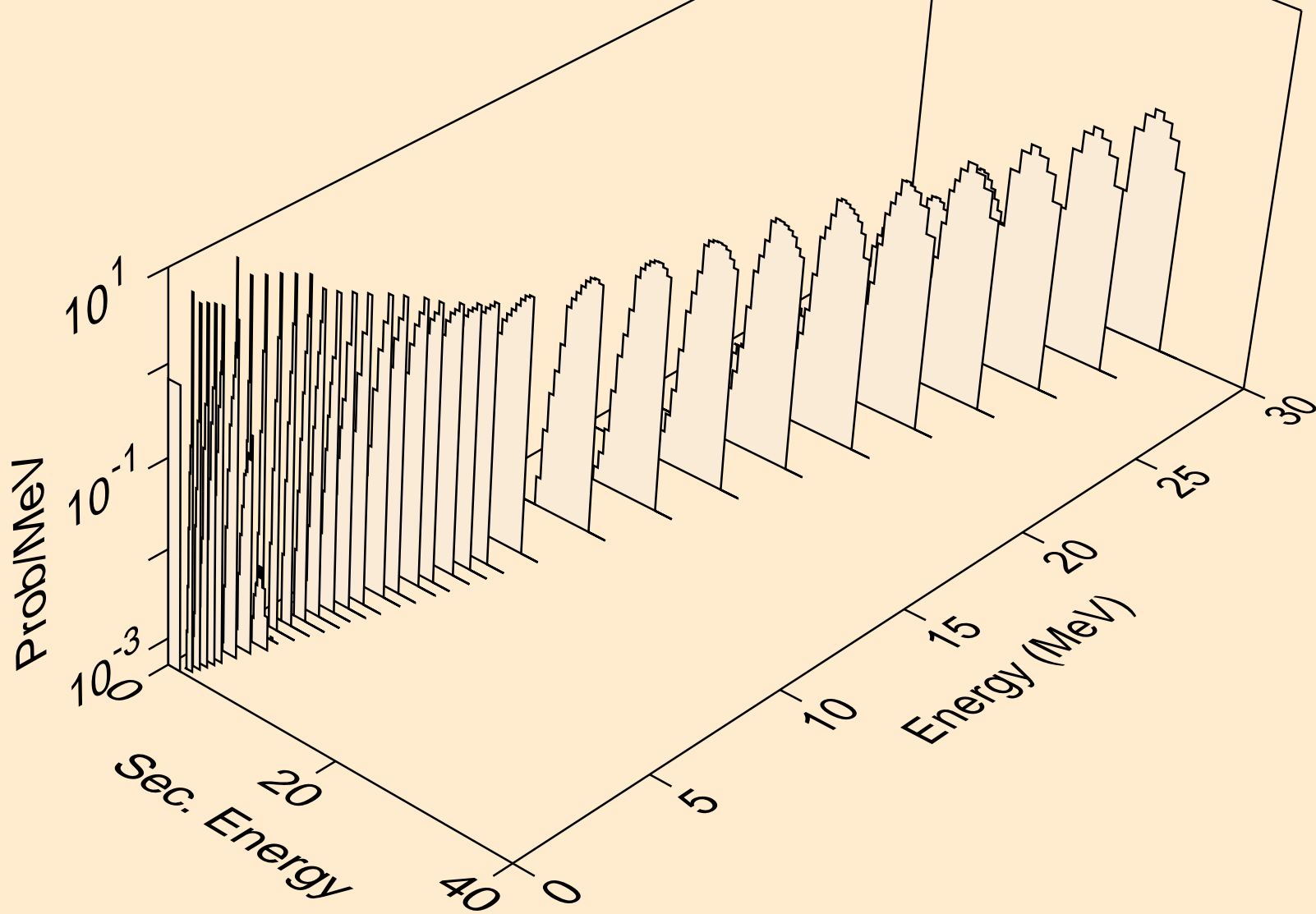
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



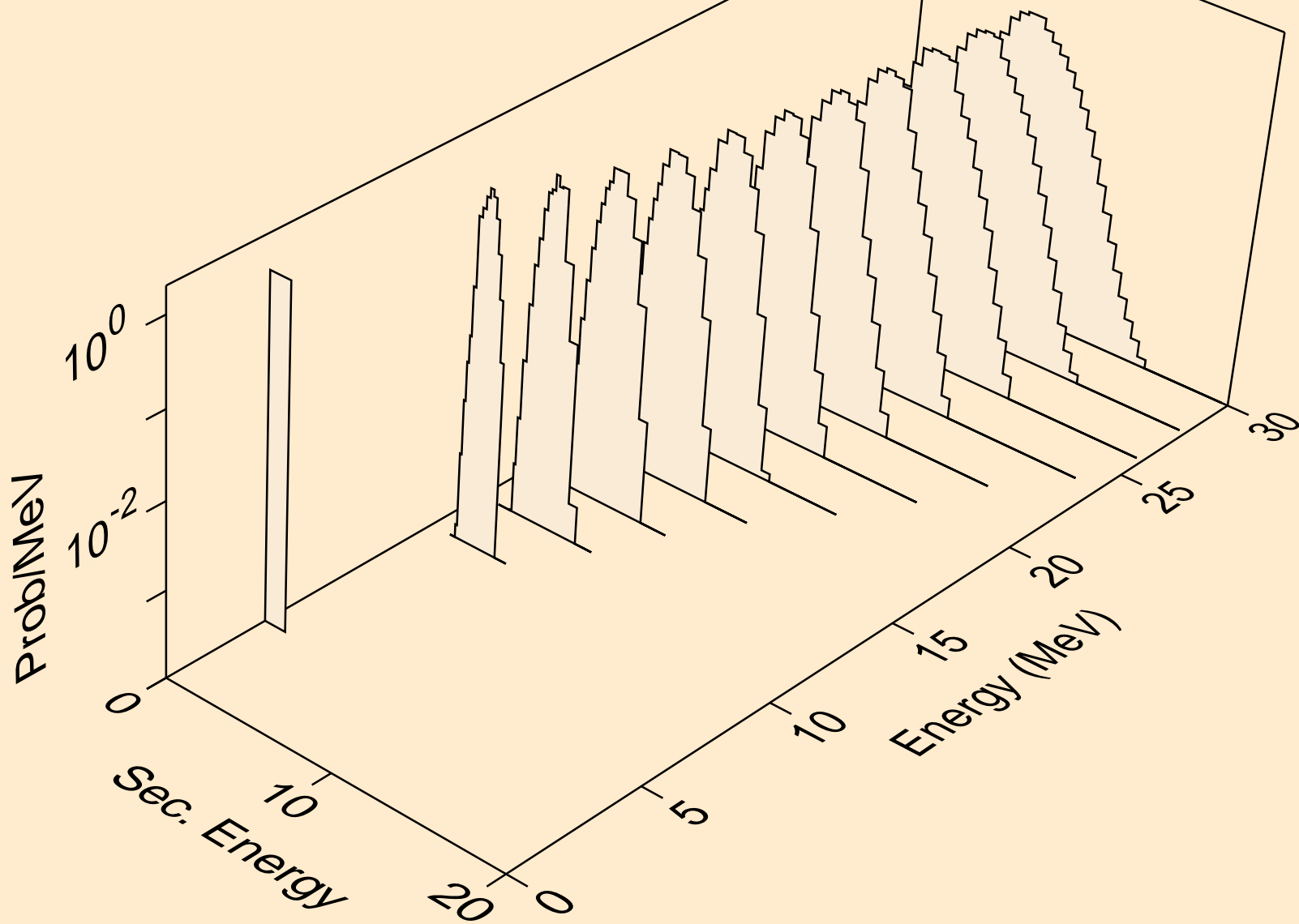
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

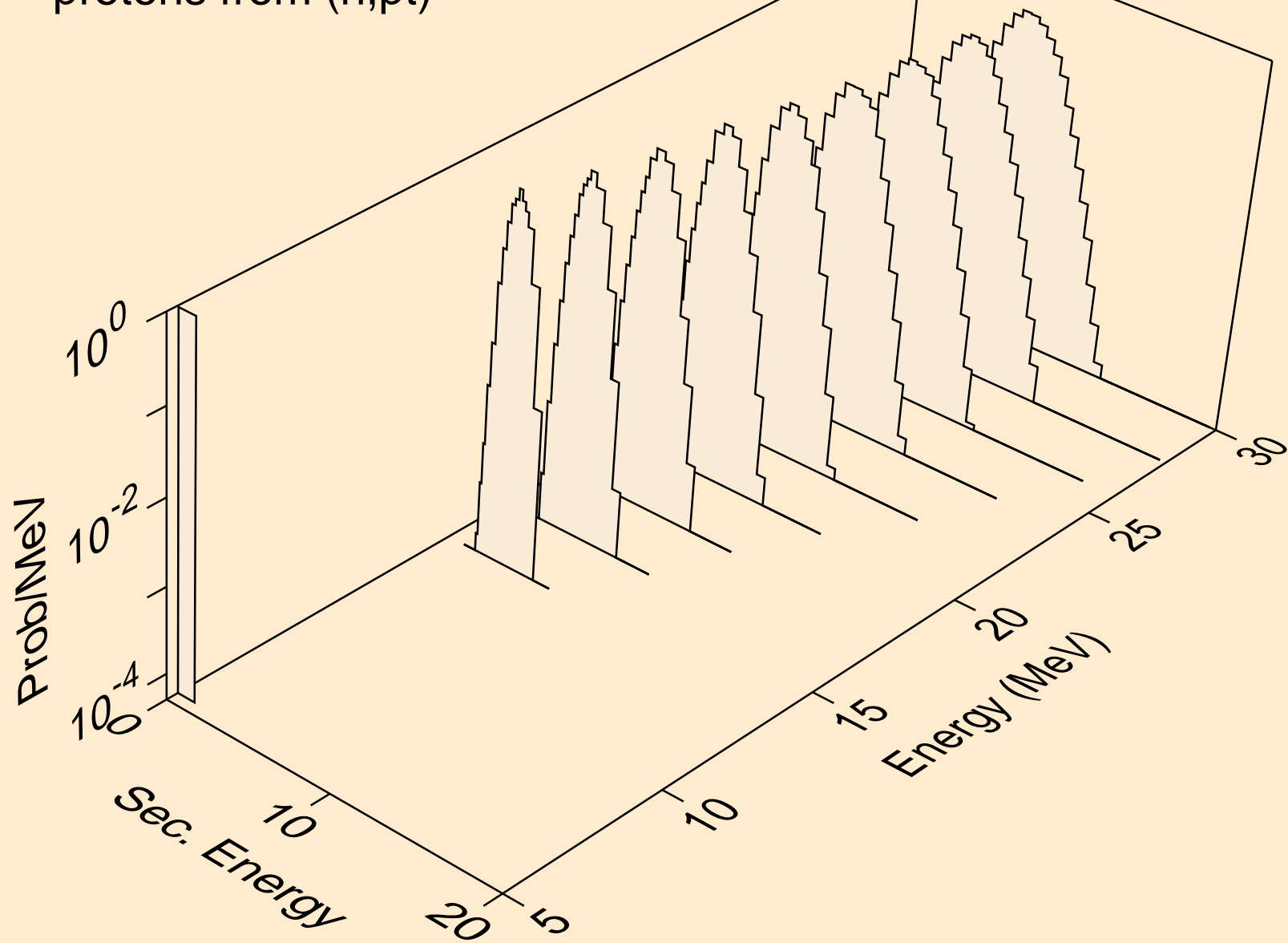


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

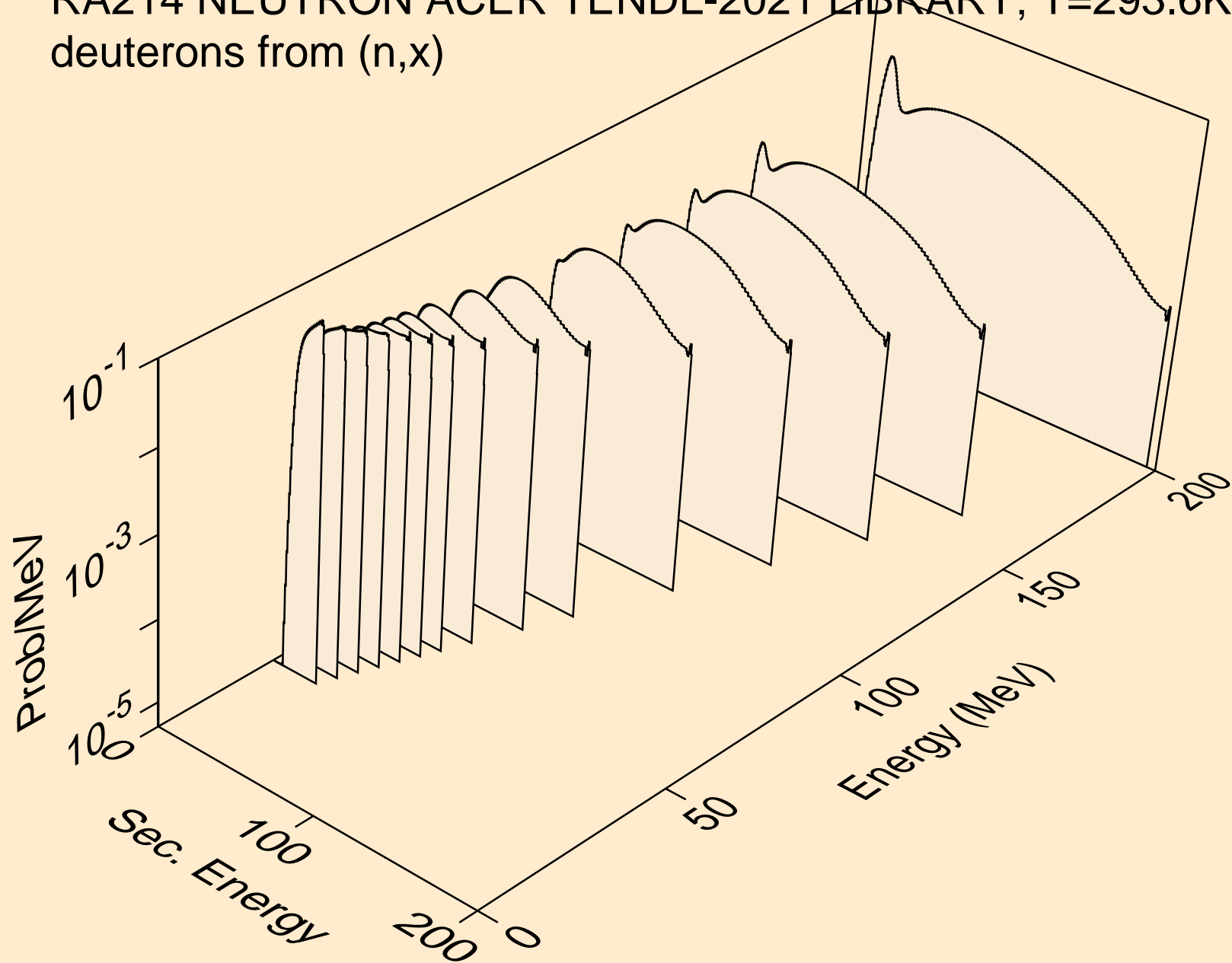




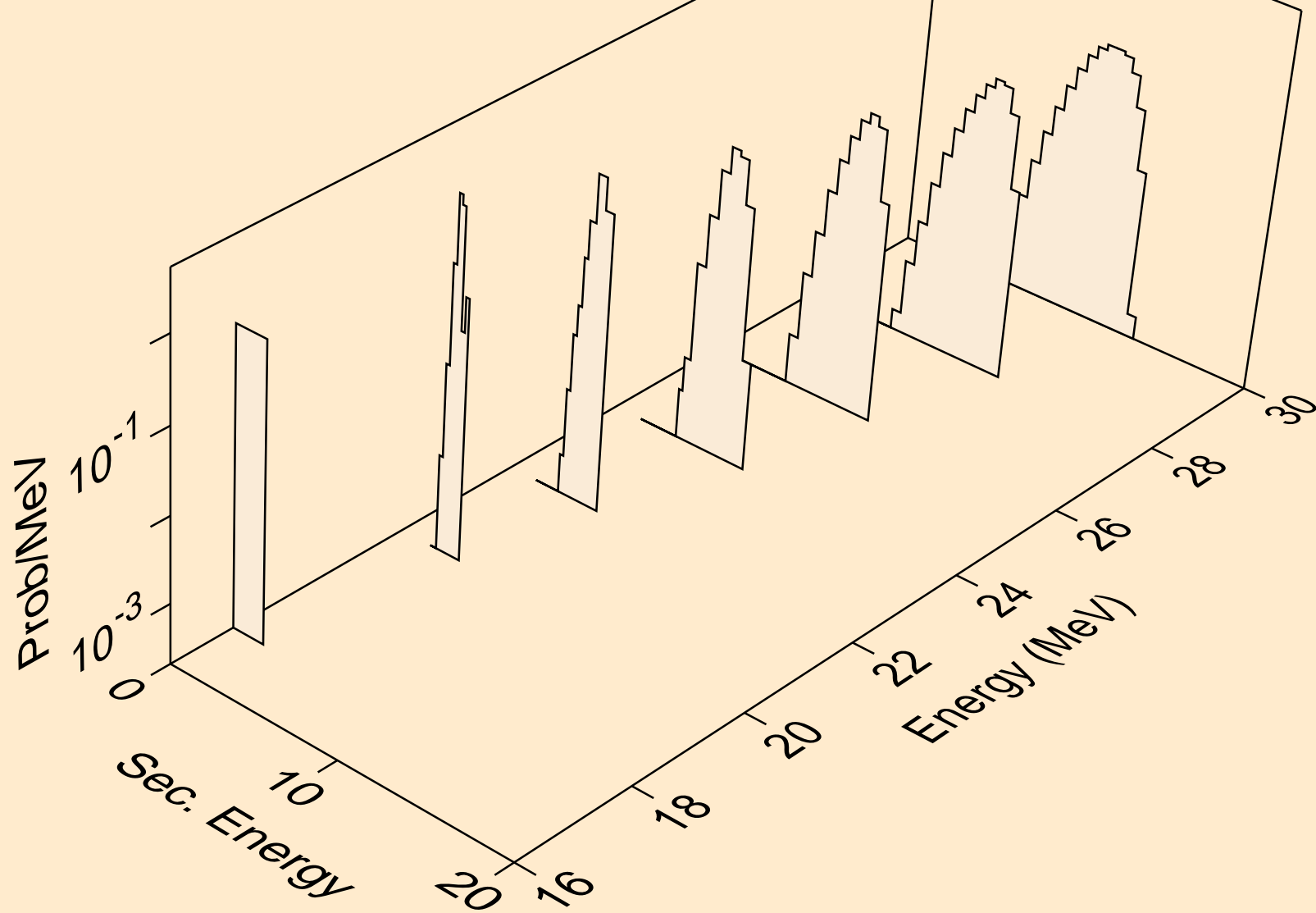
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



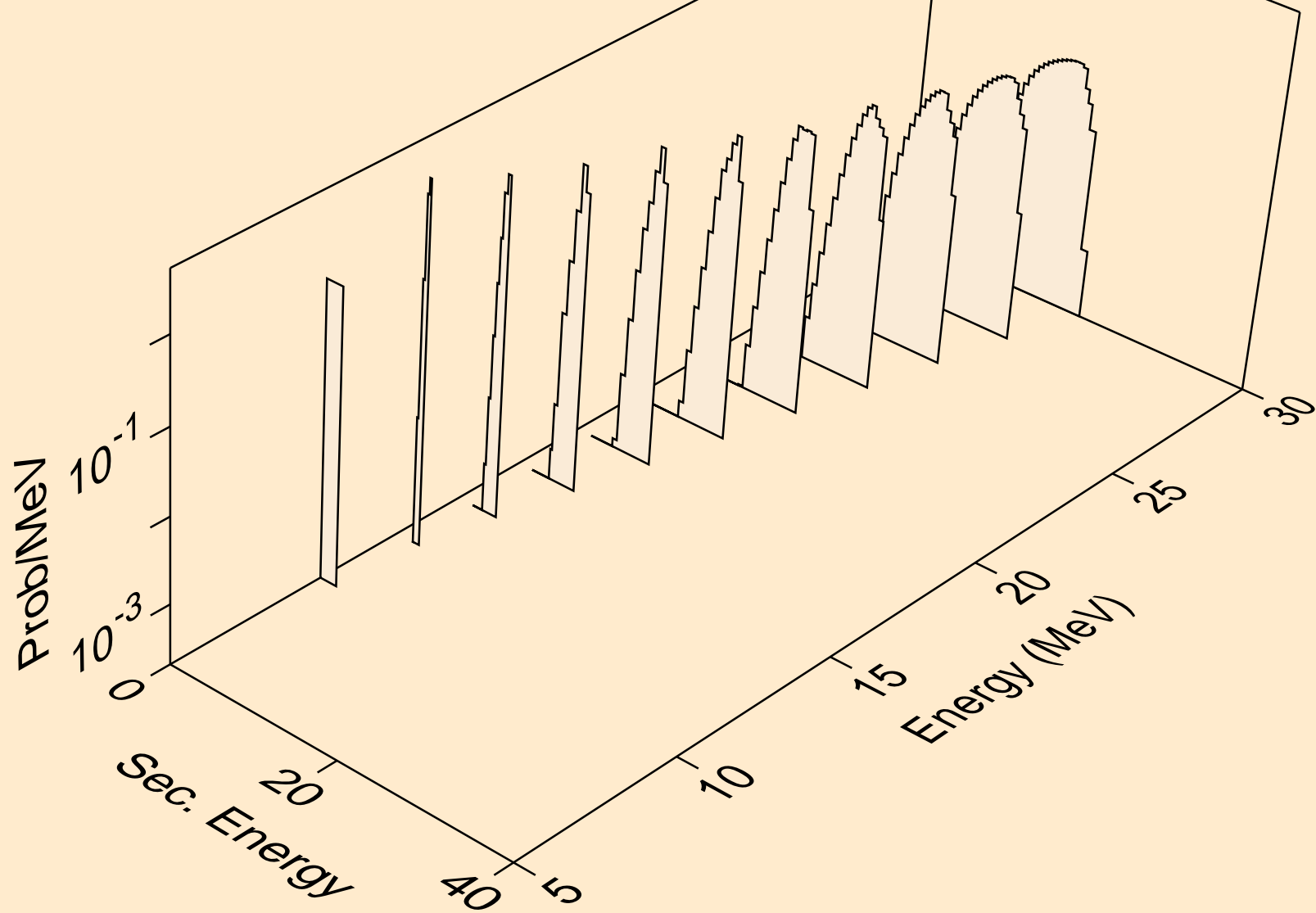
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



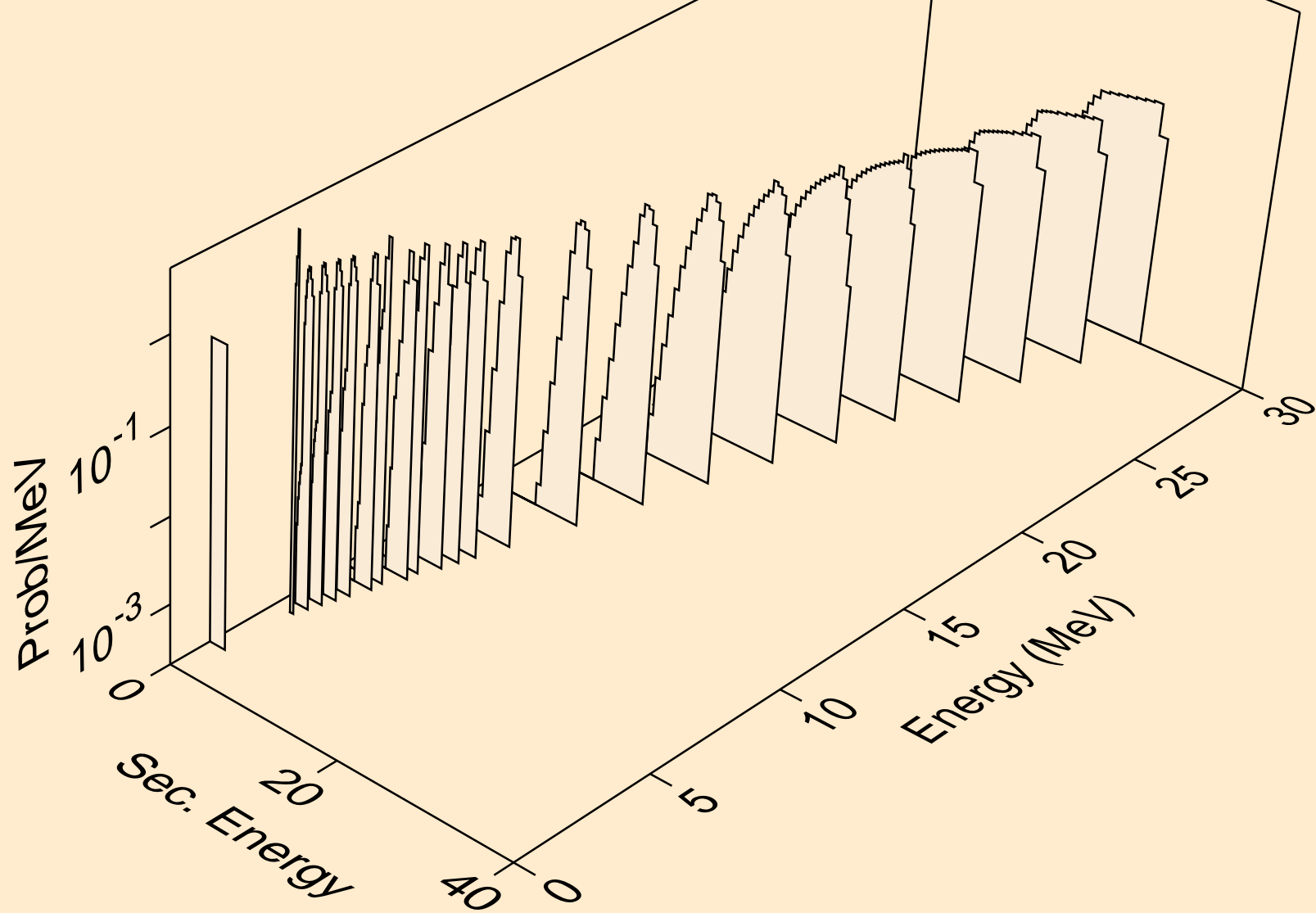
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



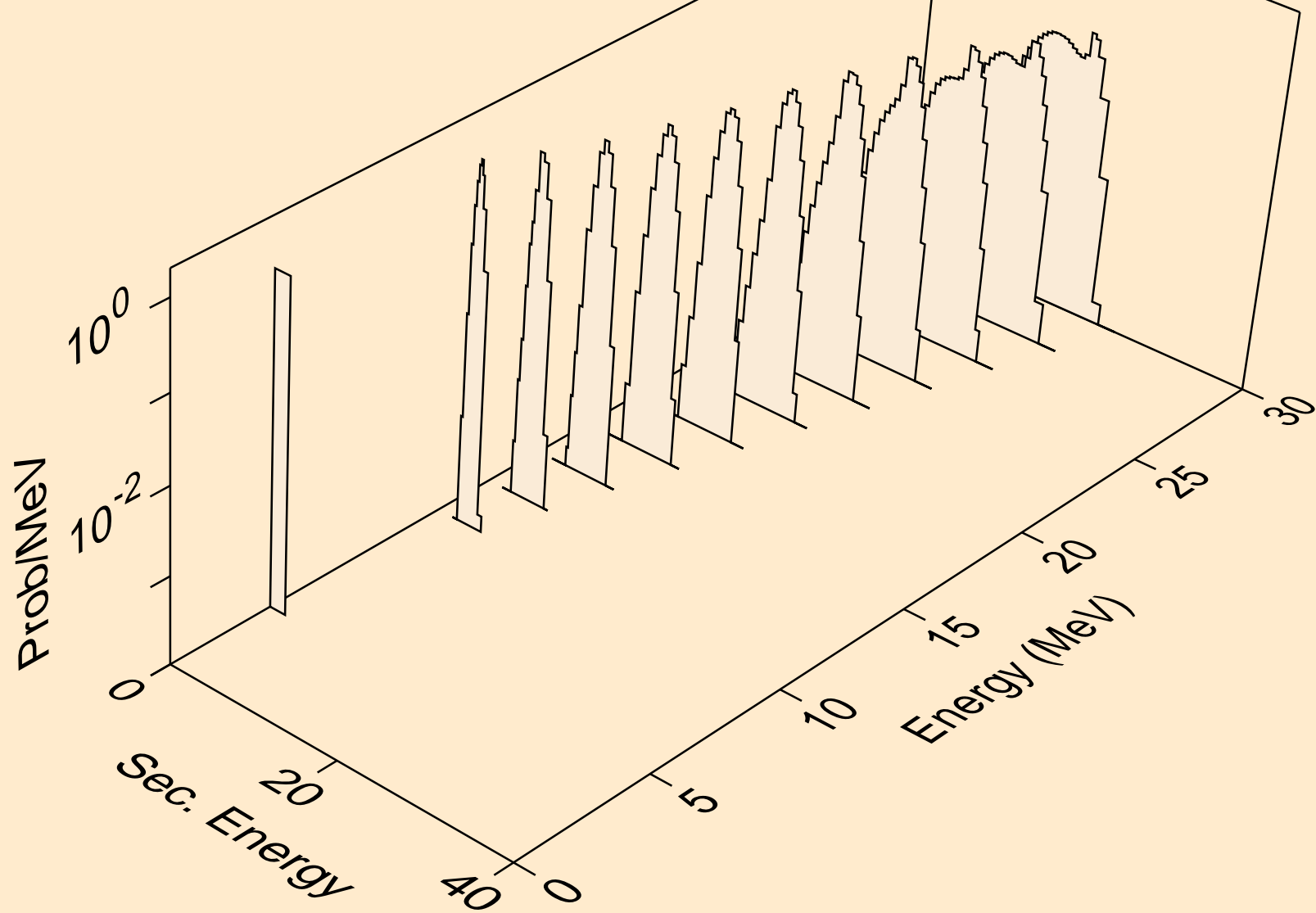
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



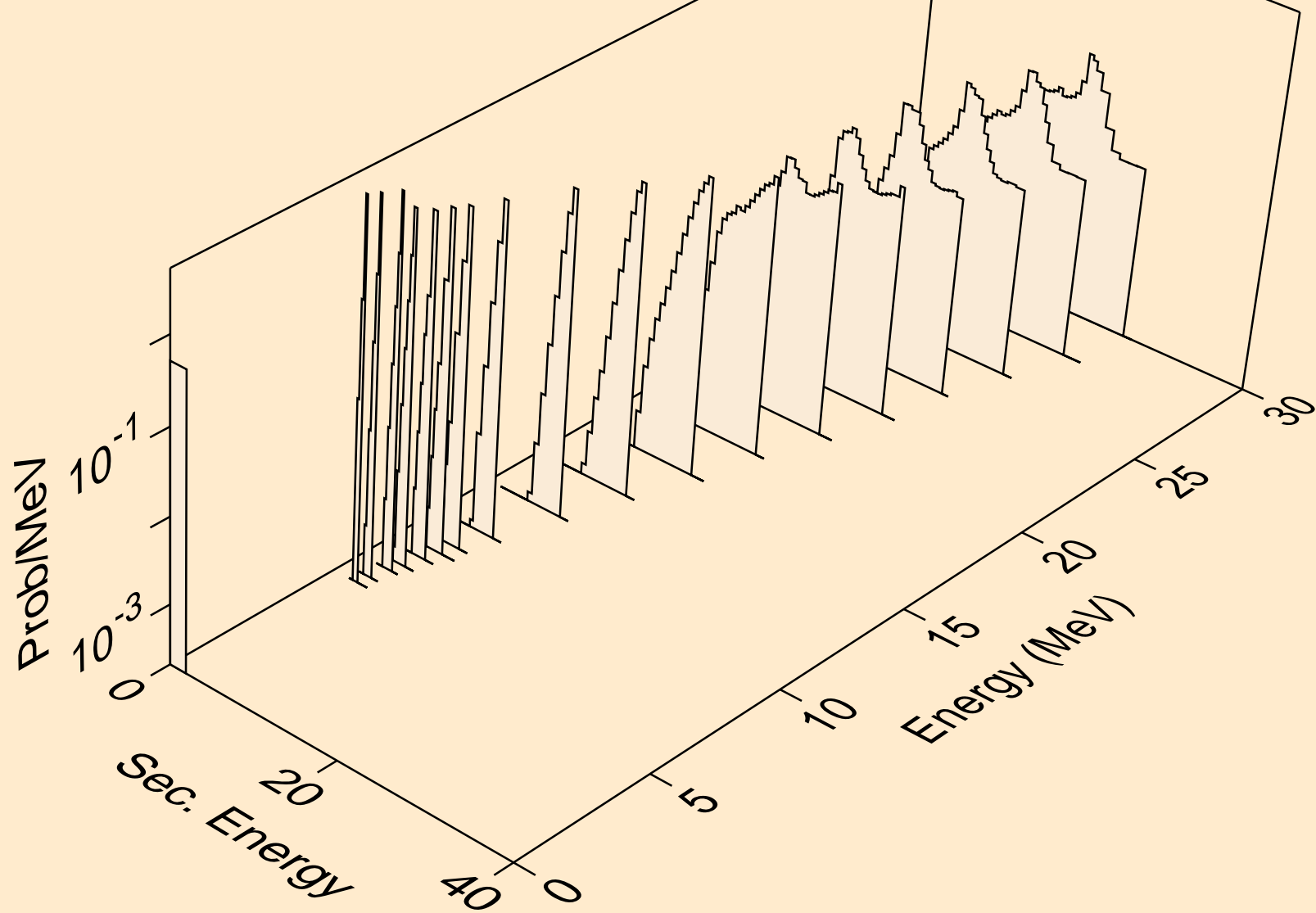
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deuterons from (n,d)



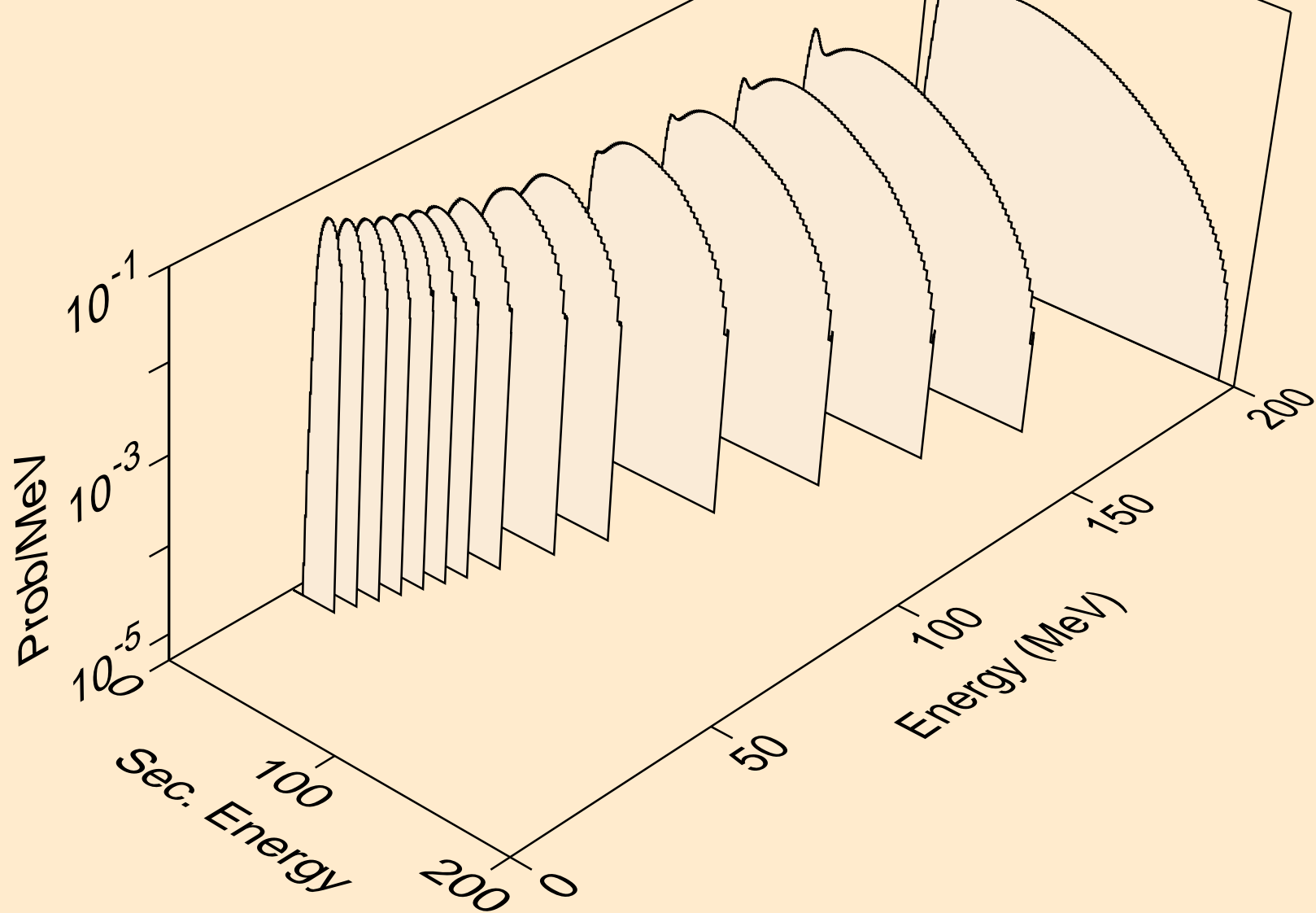
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

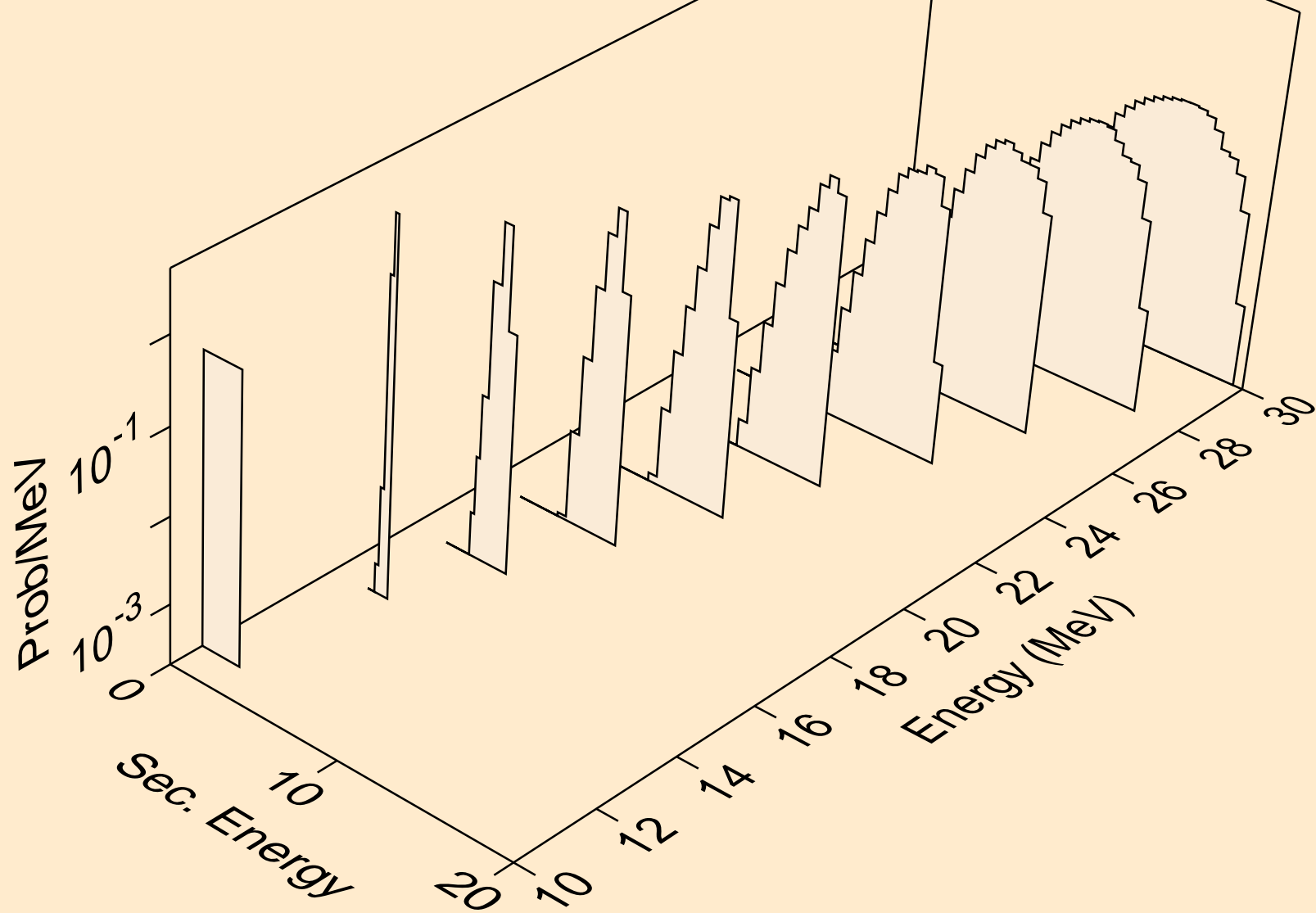


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

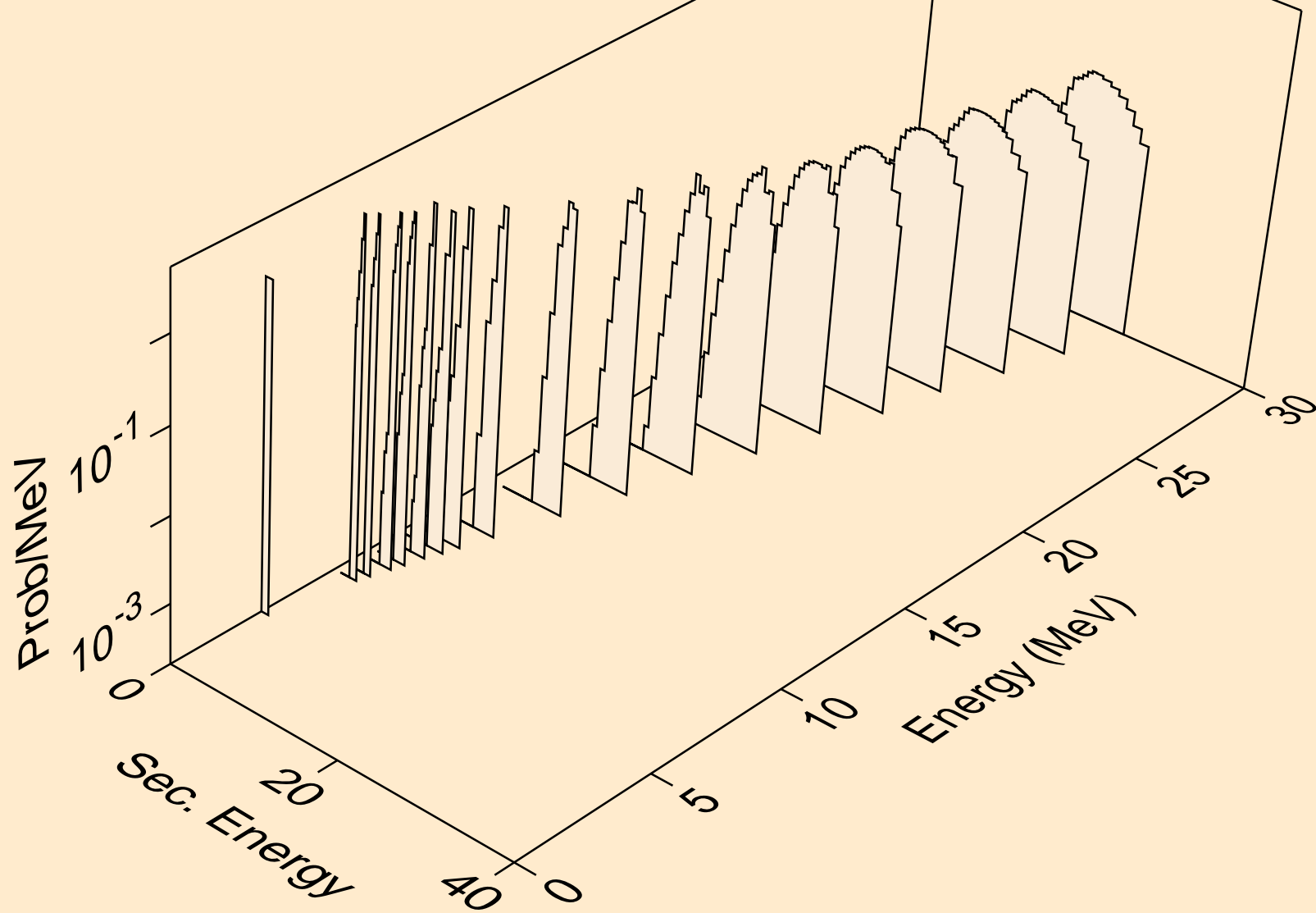




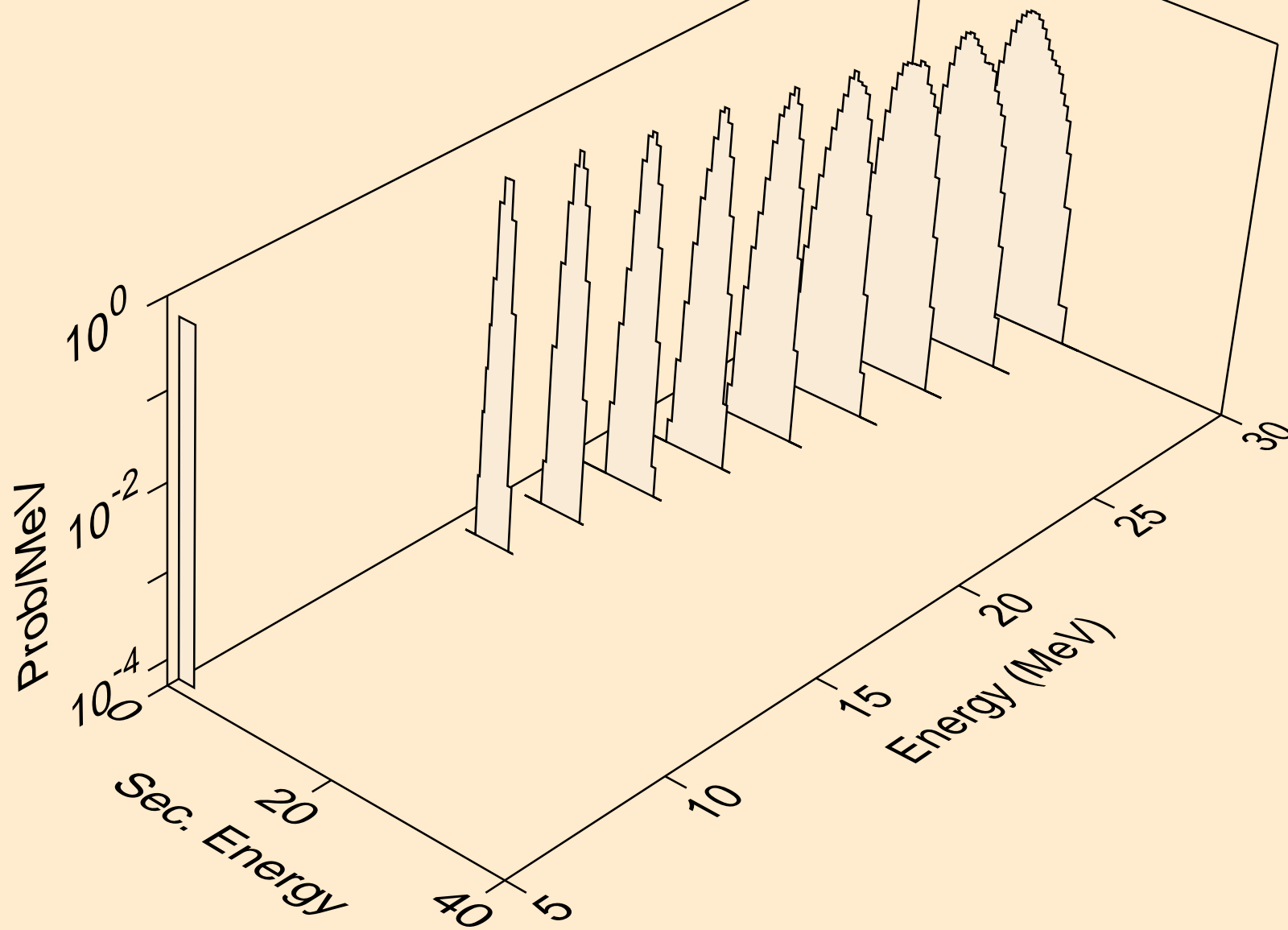
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



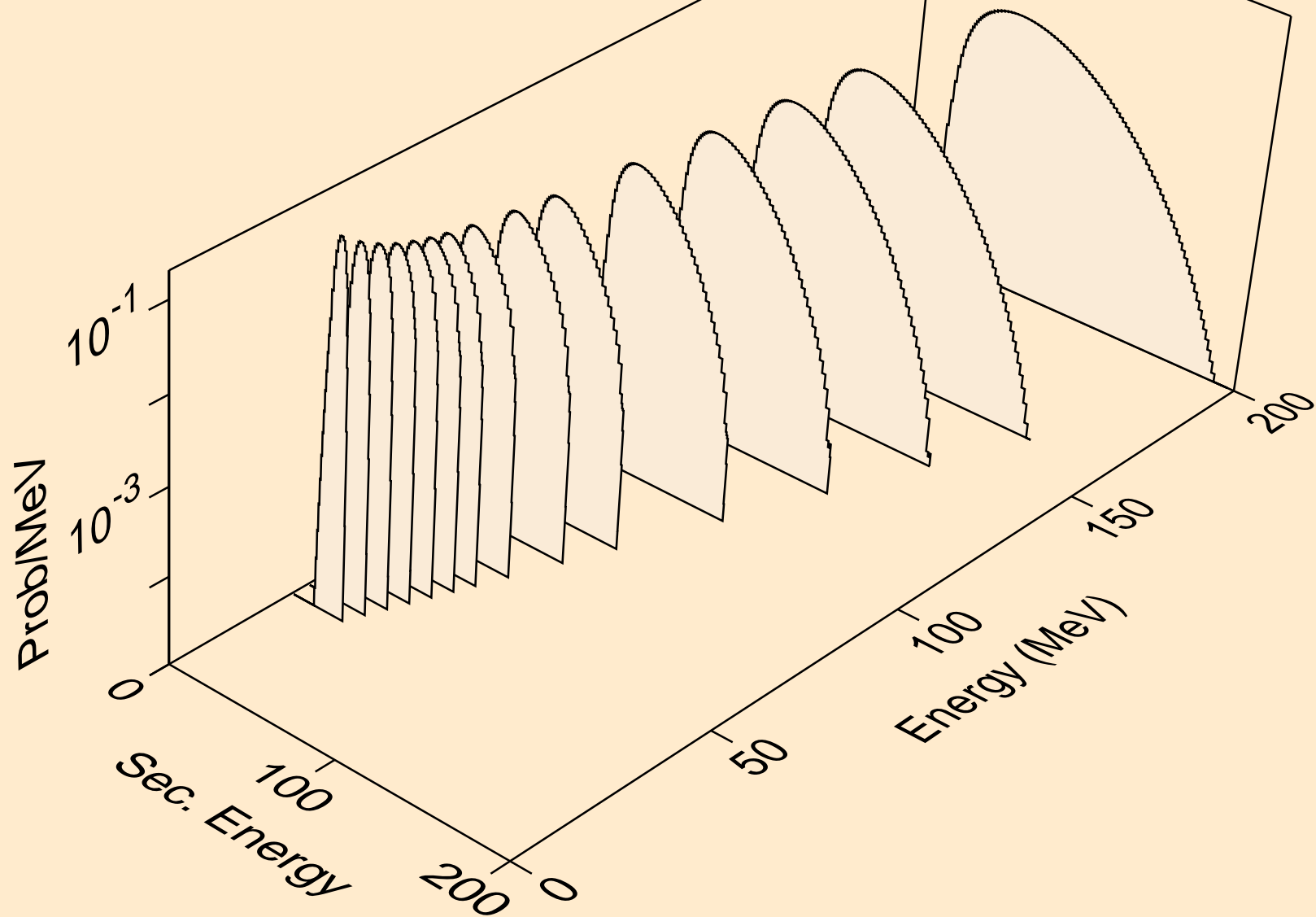
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



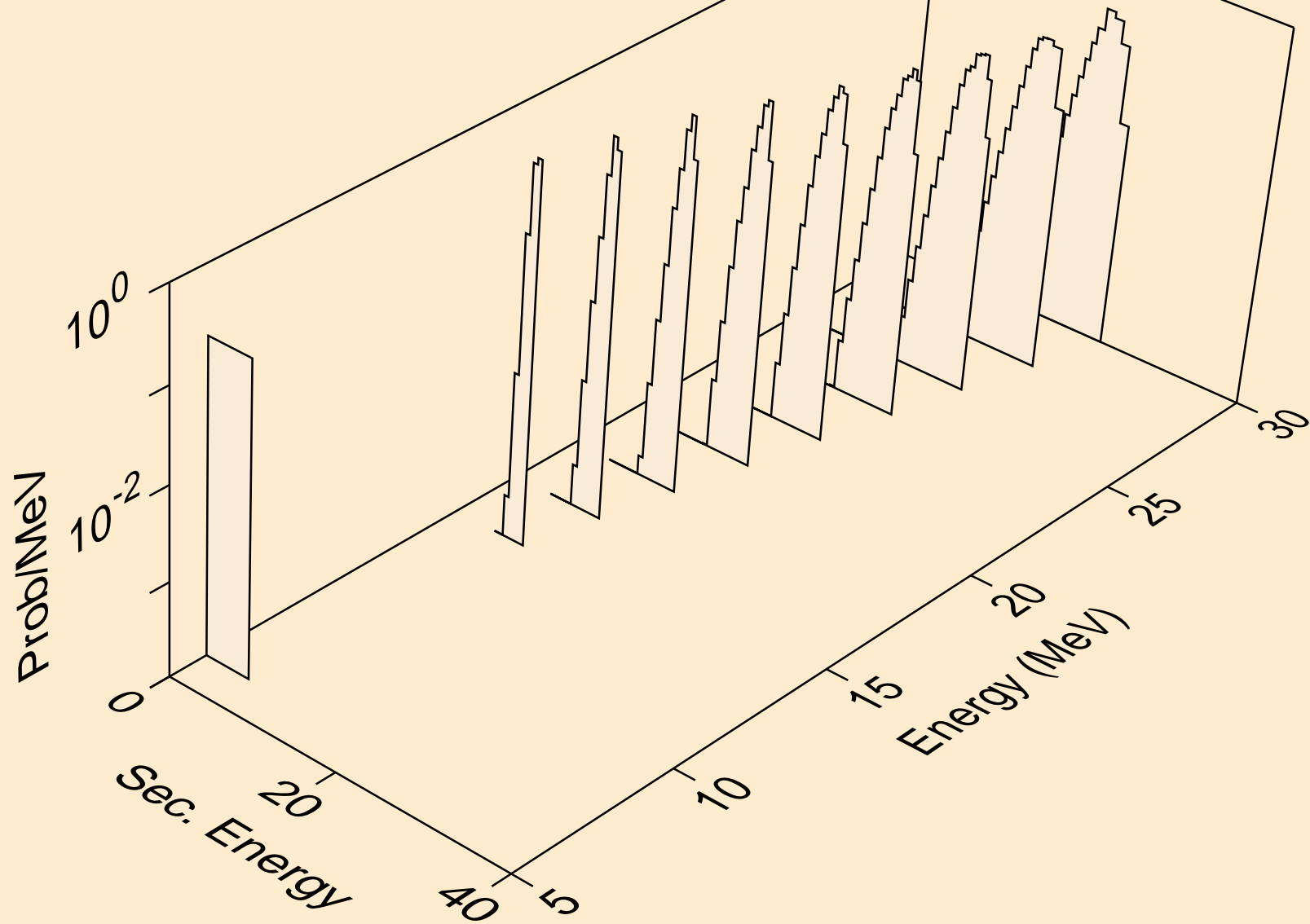
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



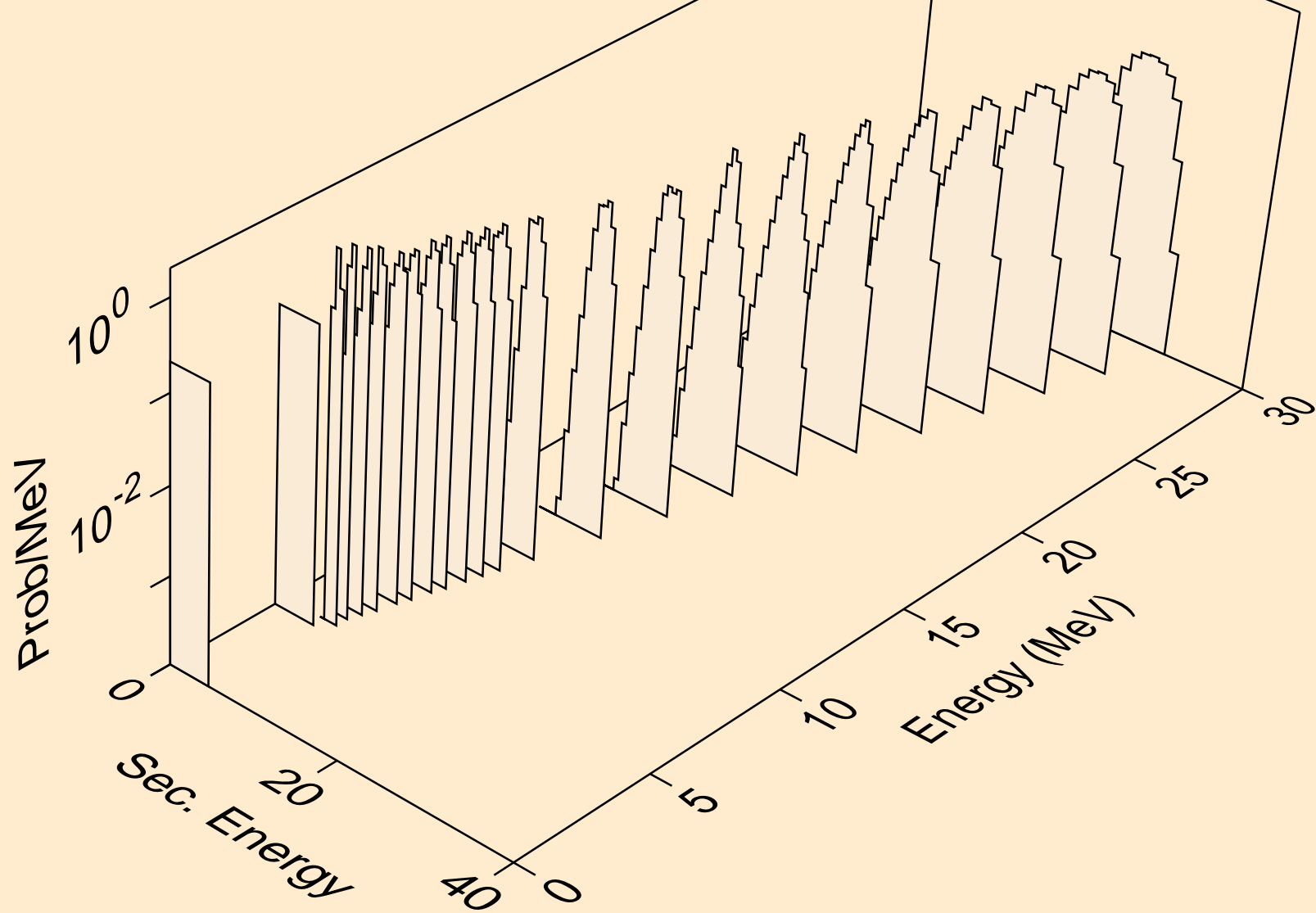
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



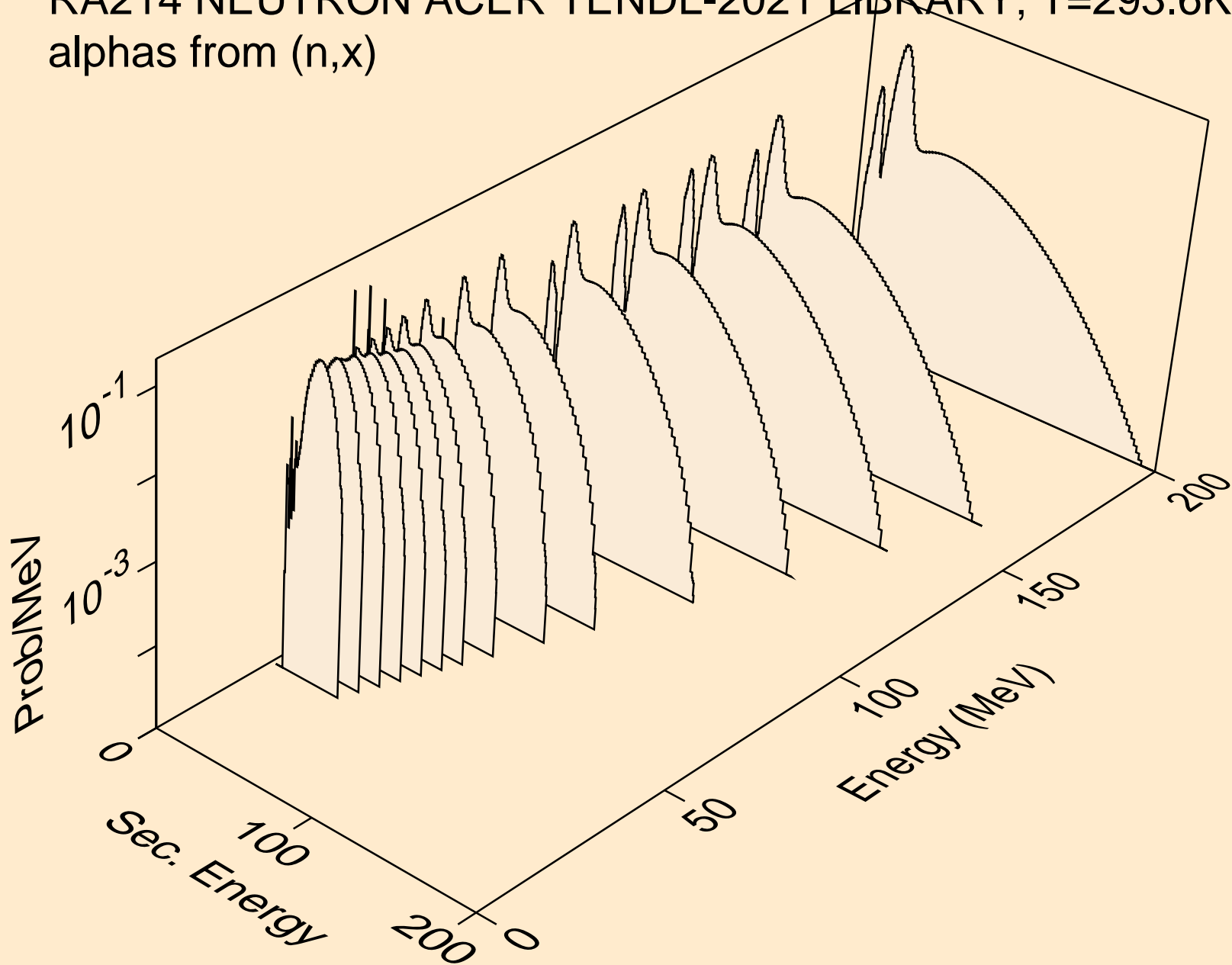
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



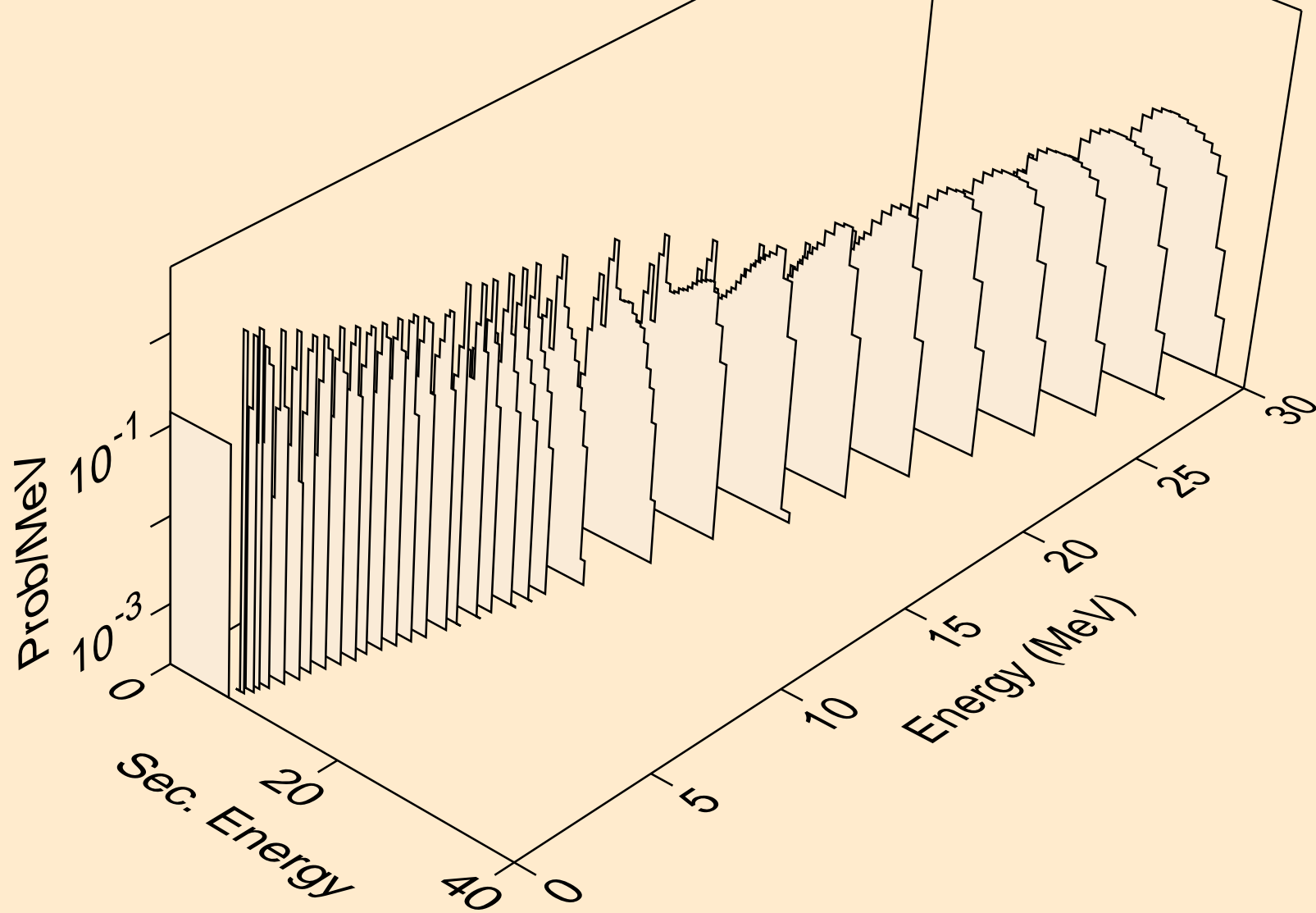
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

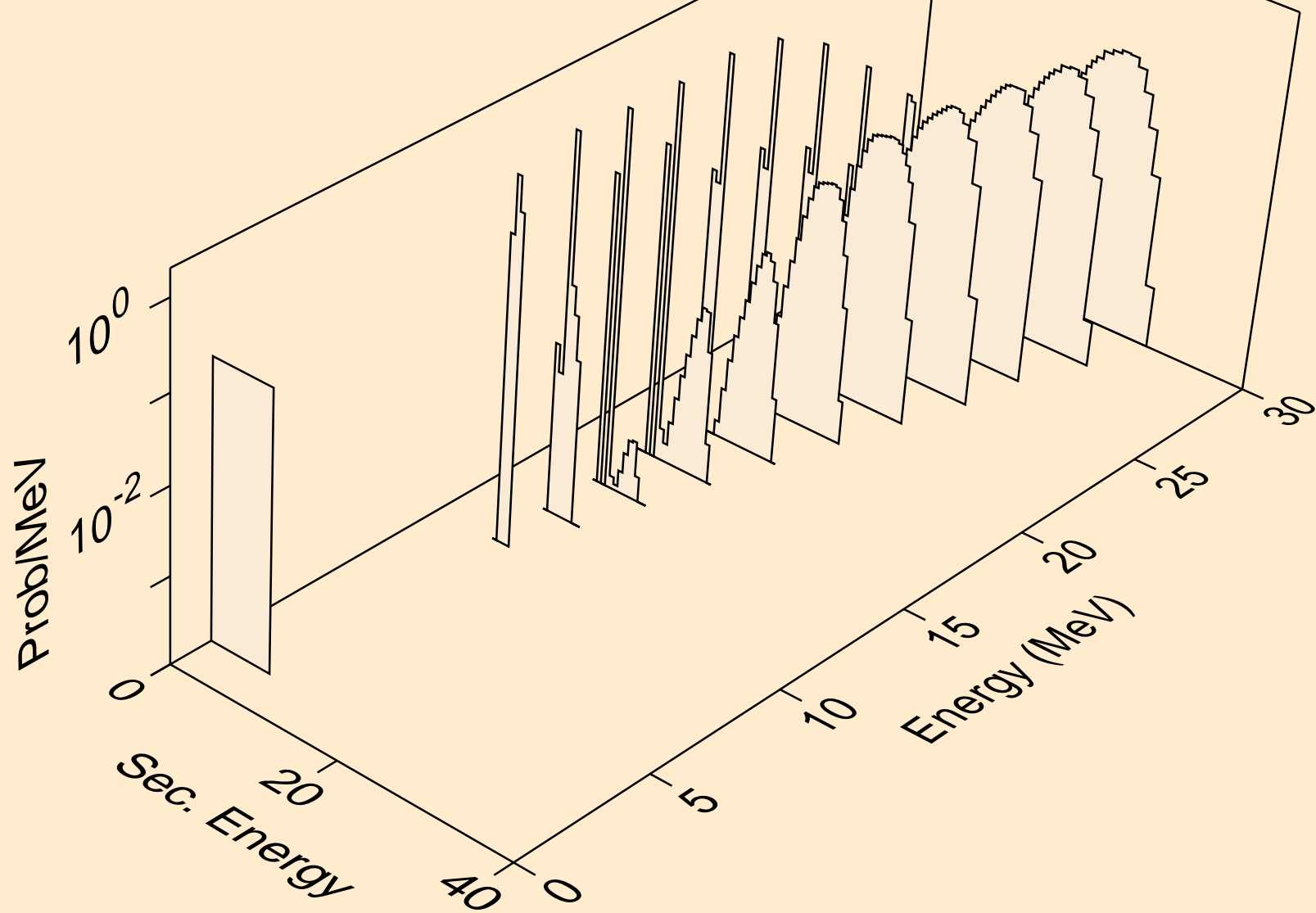


RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

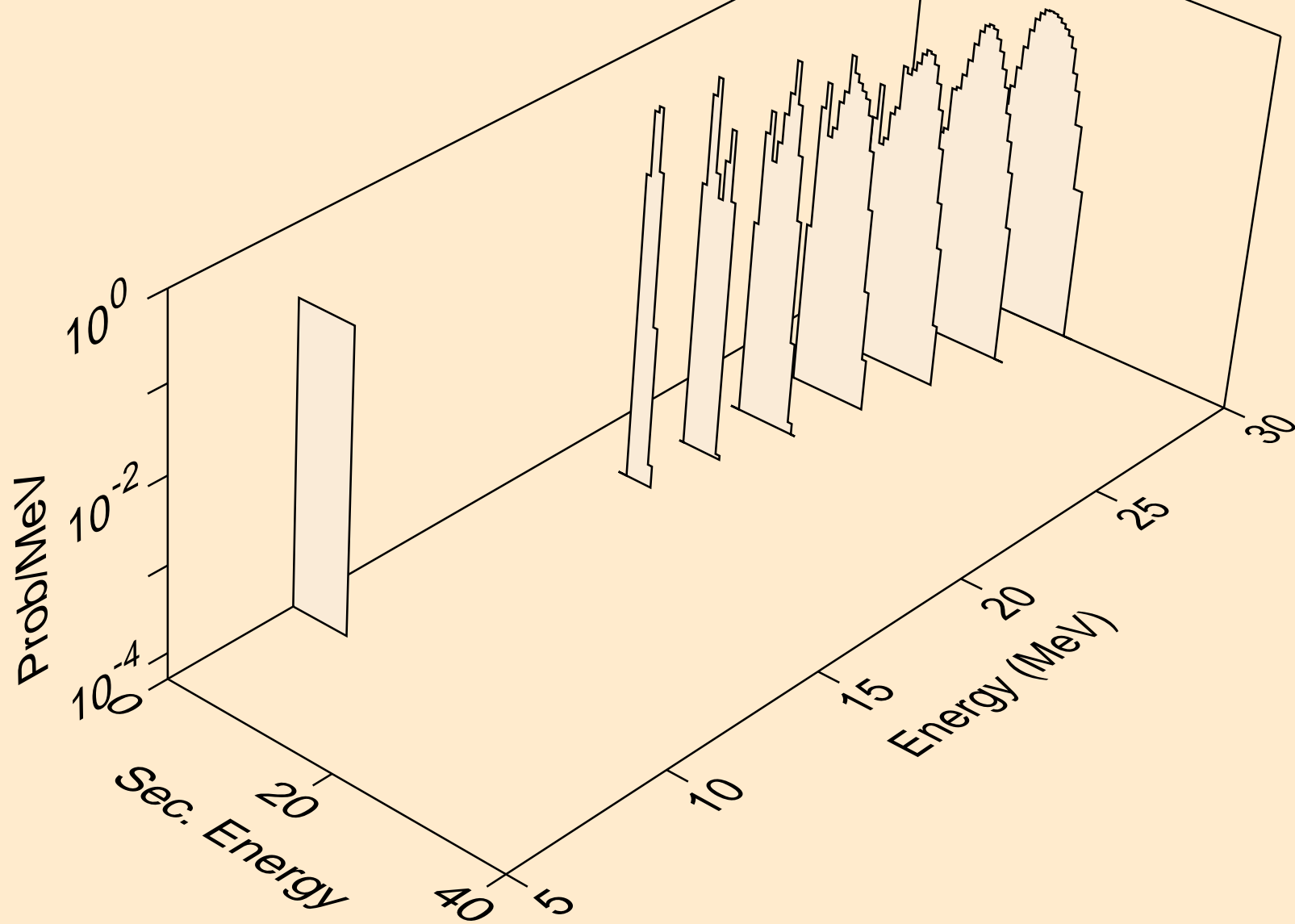




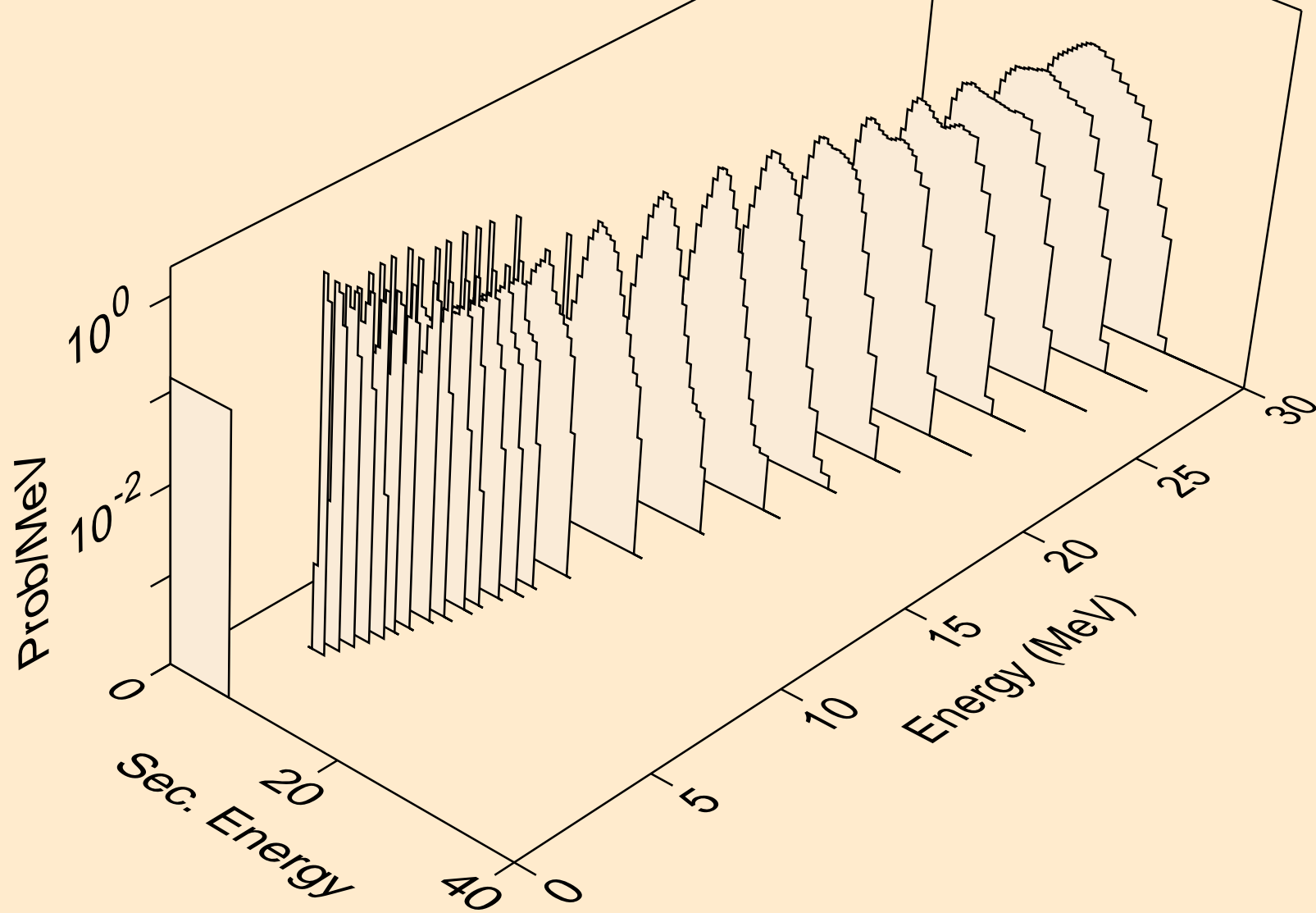
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



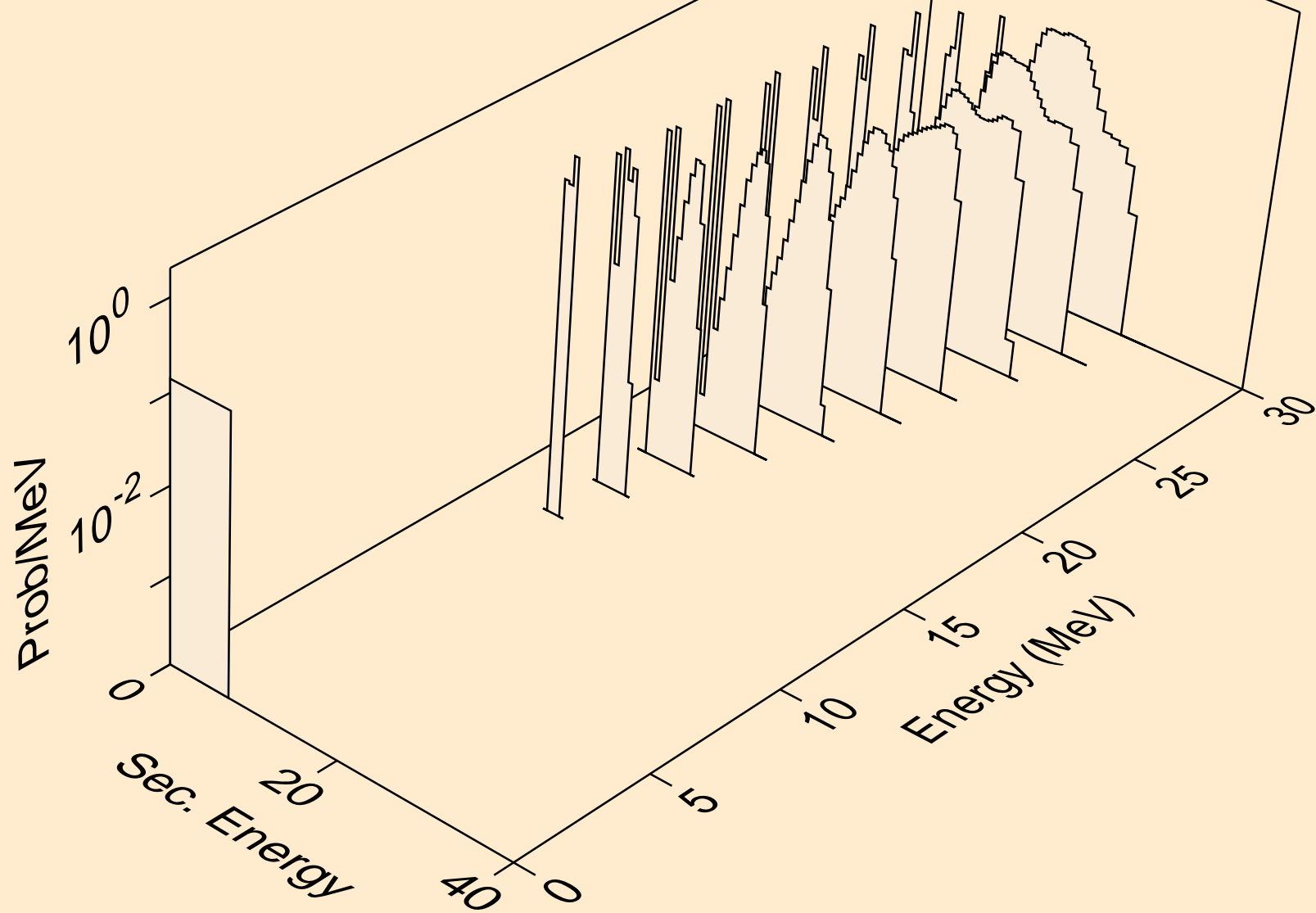
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



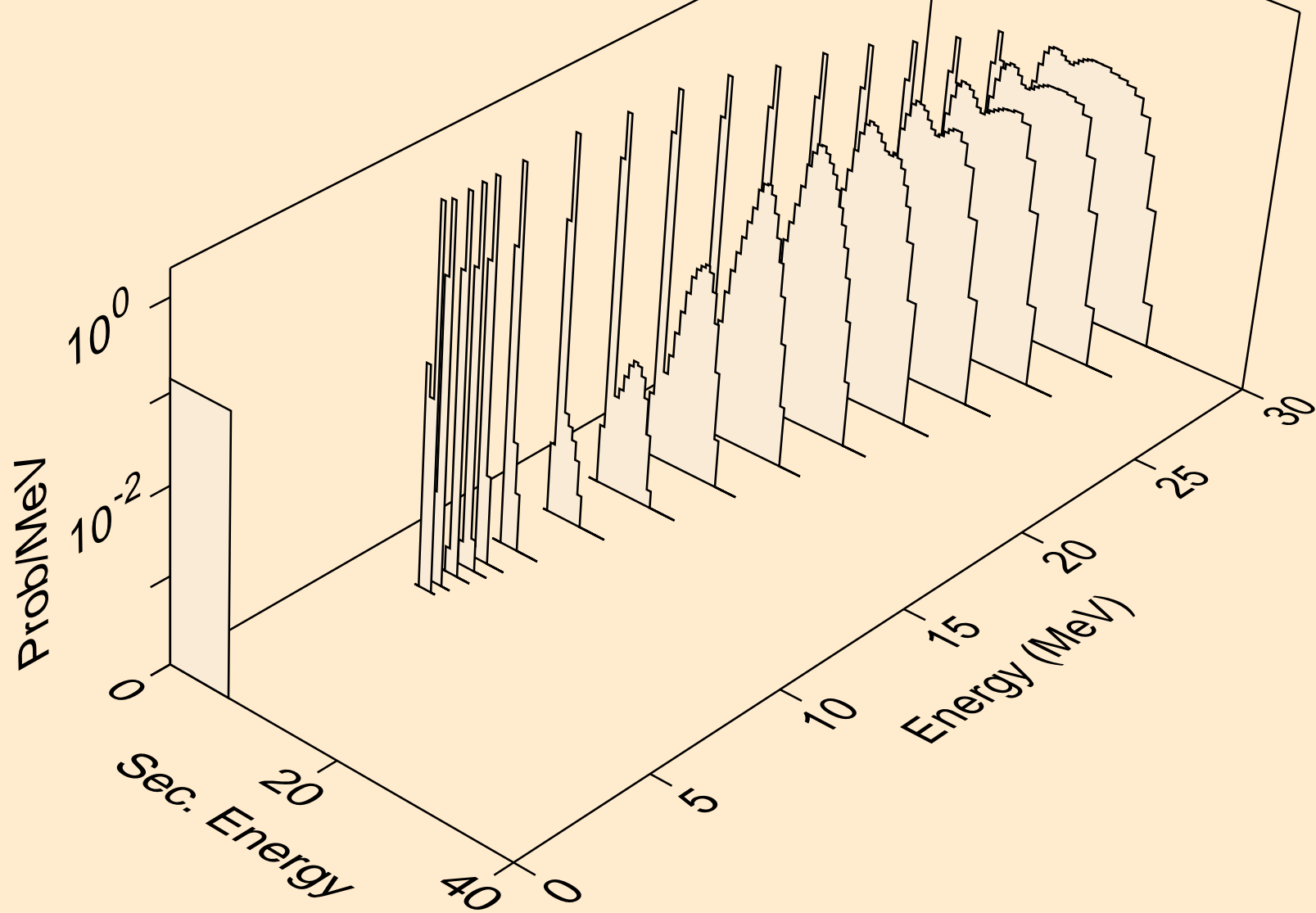
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



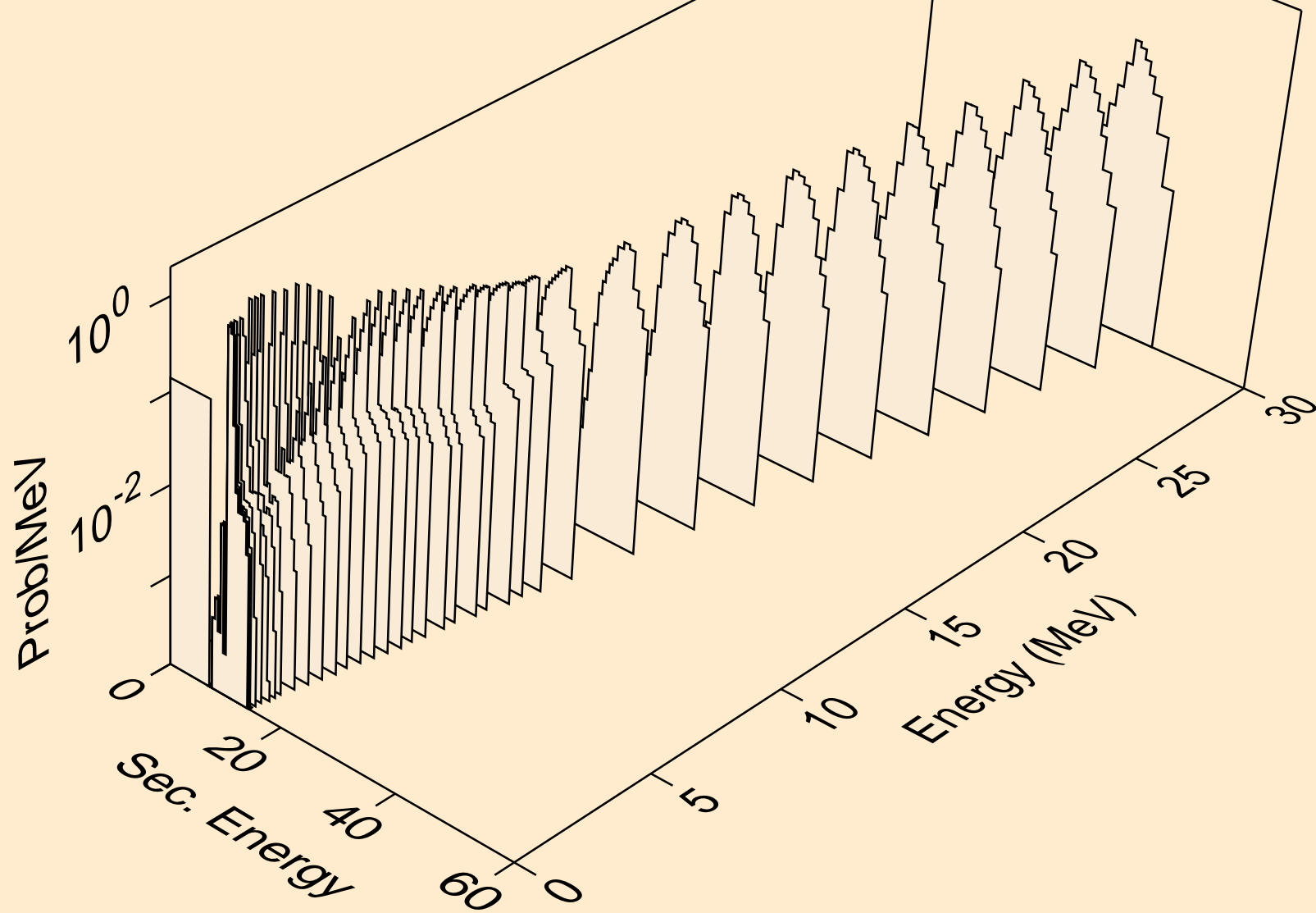
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



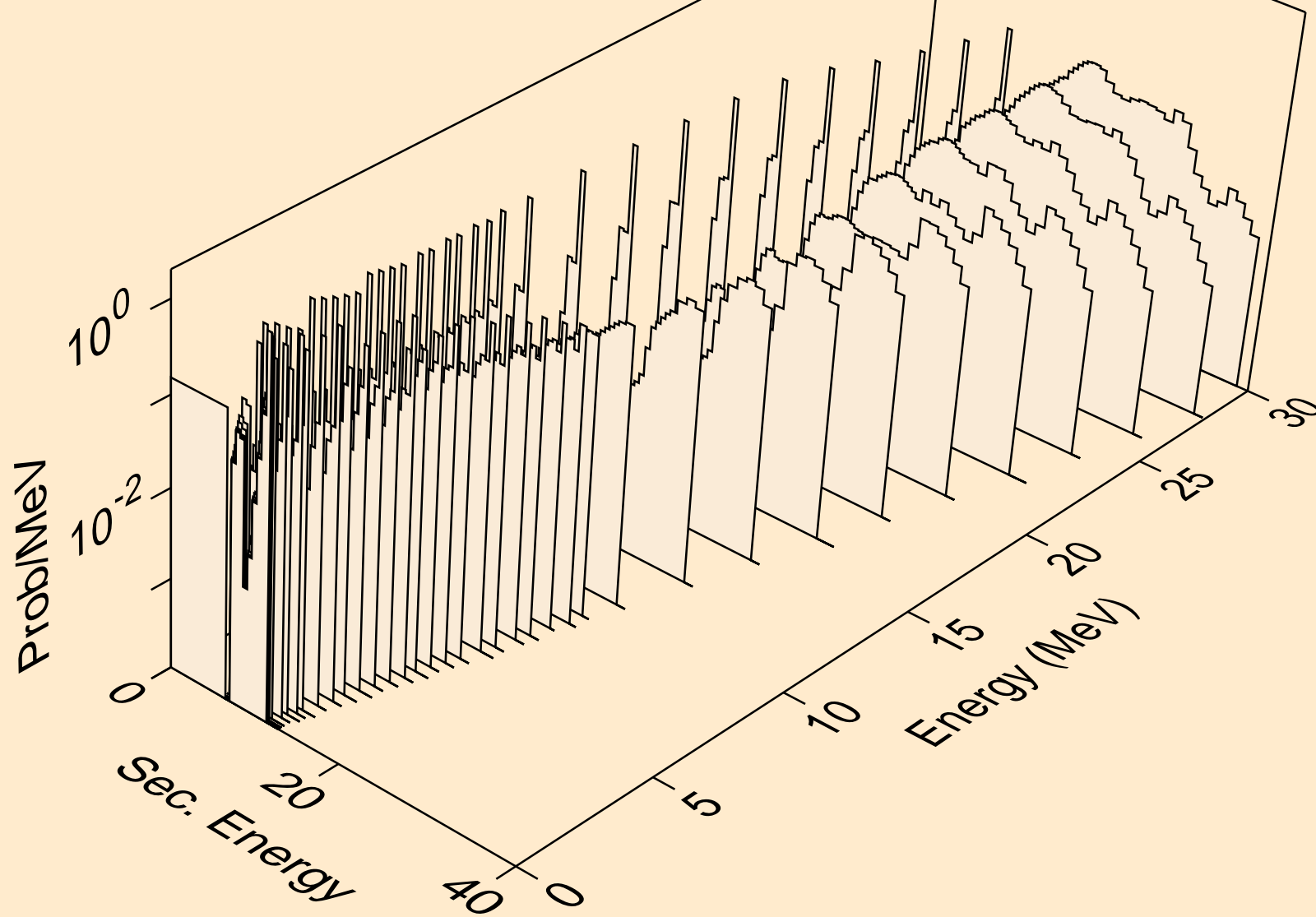
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



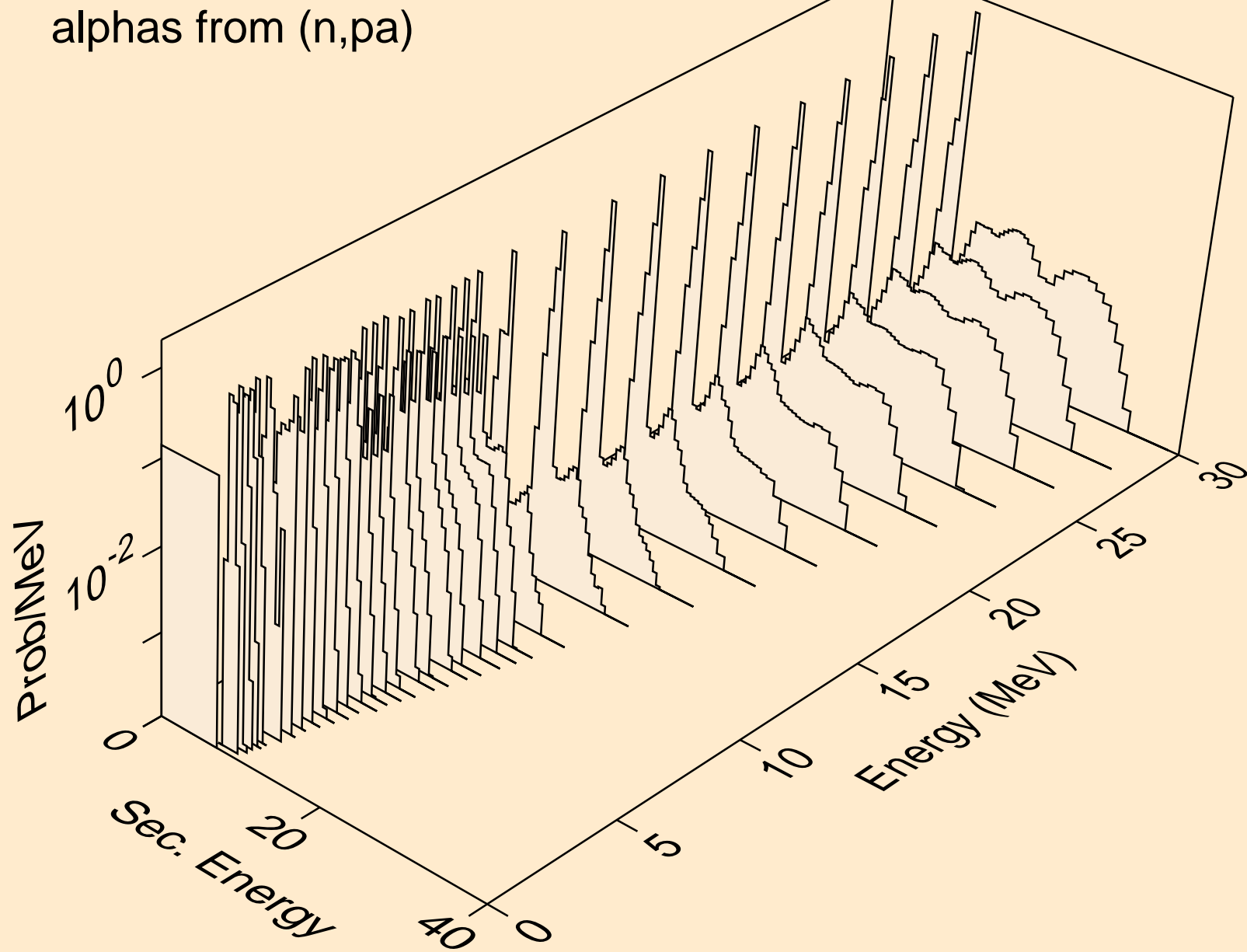
RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





RA214 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

