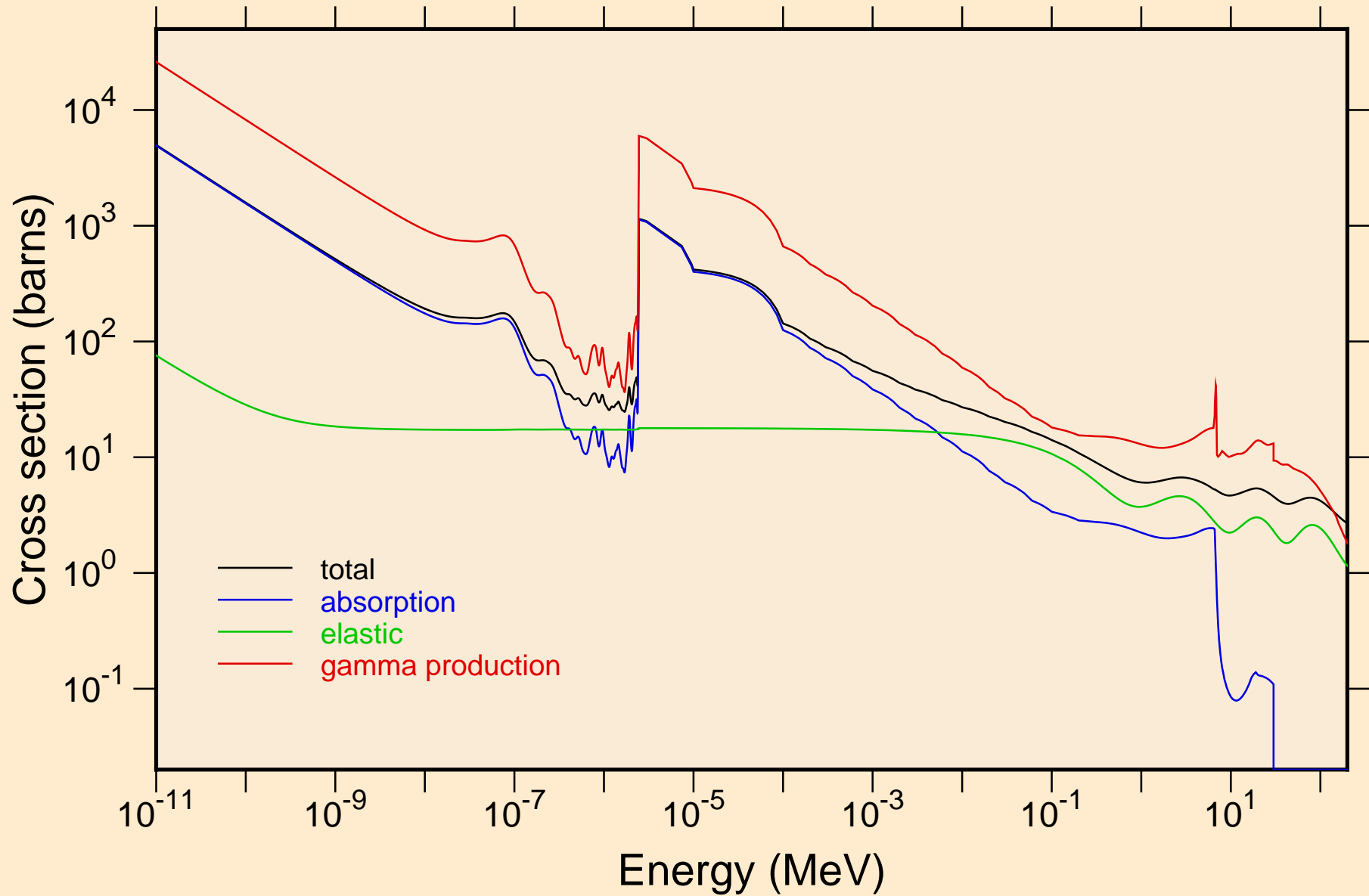
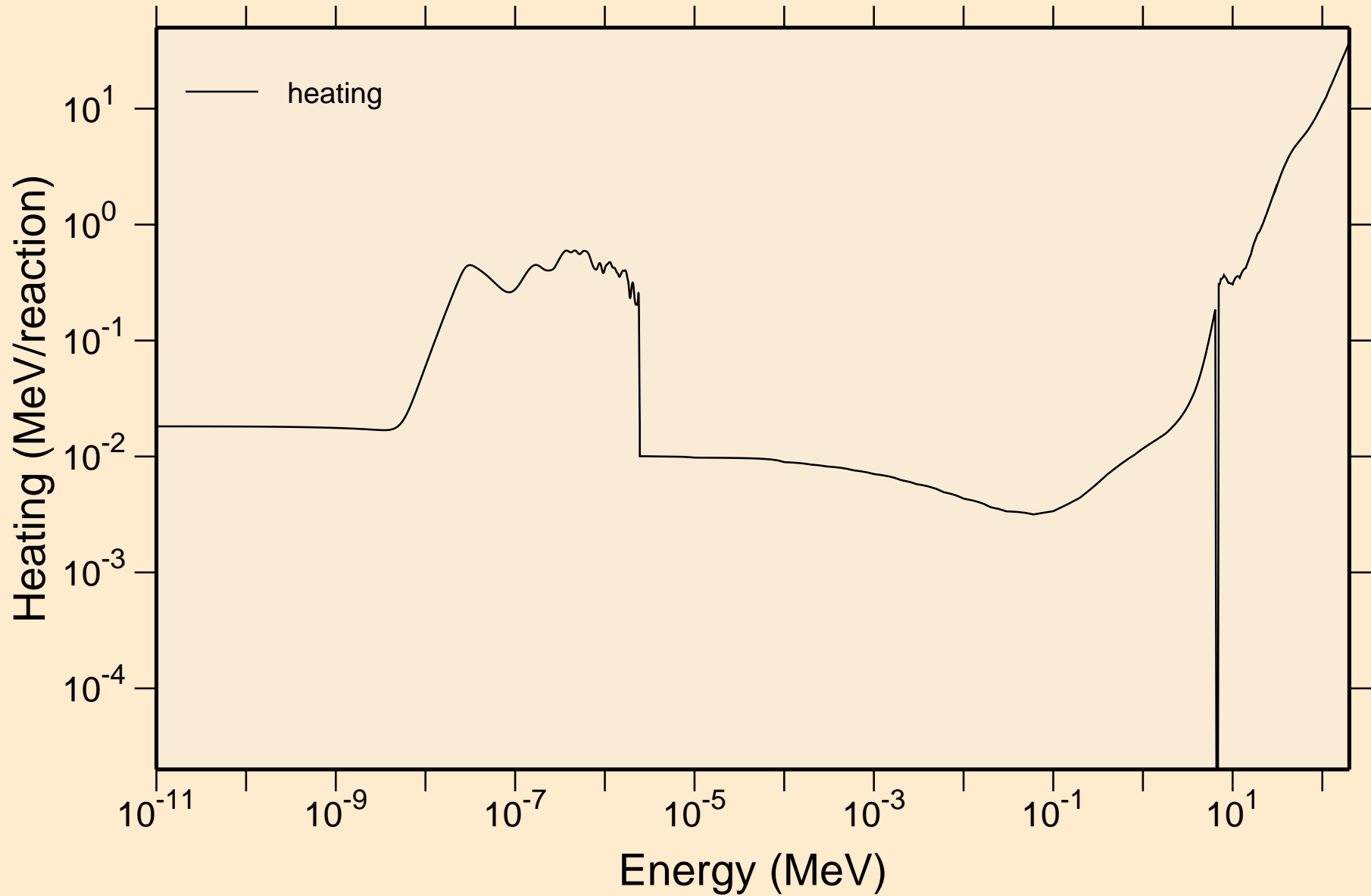


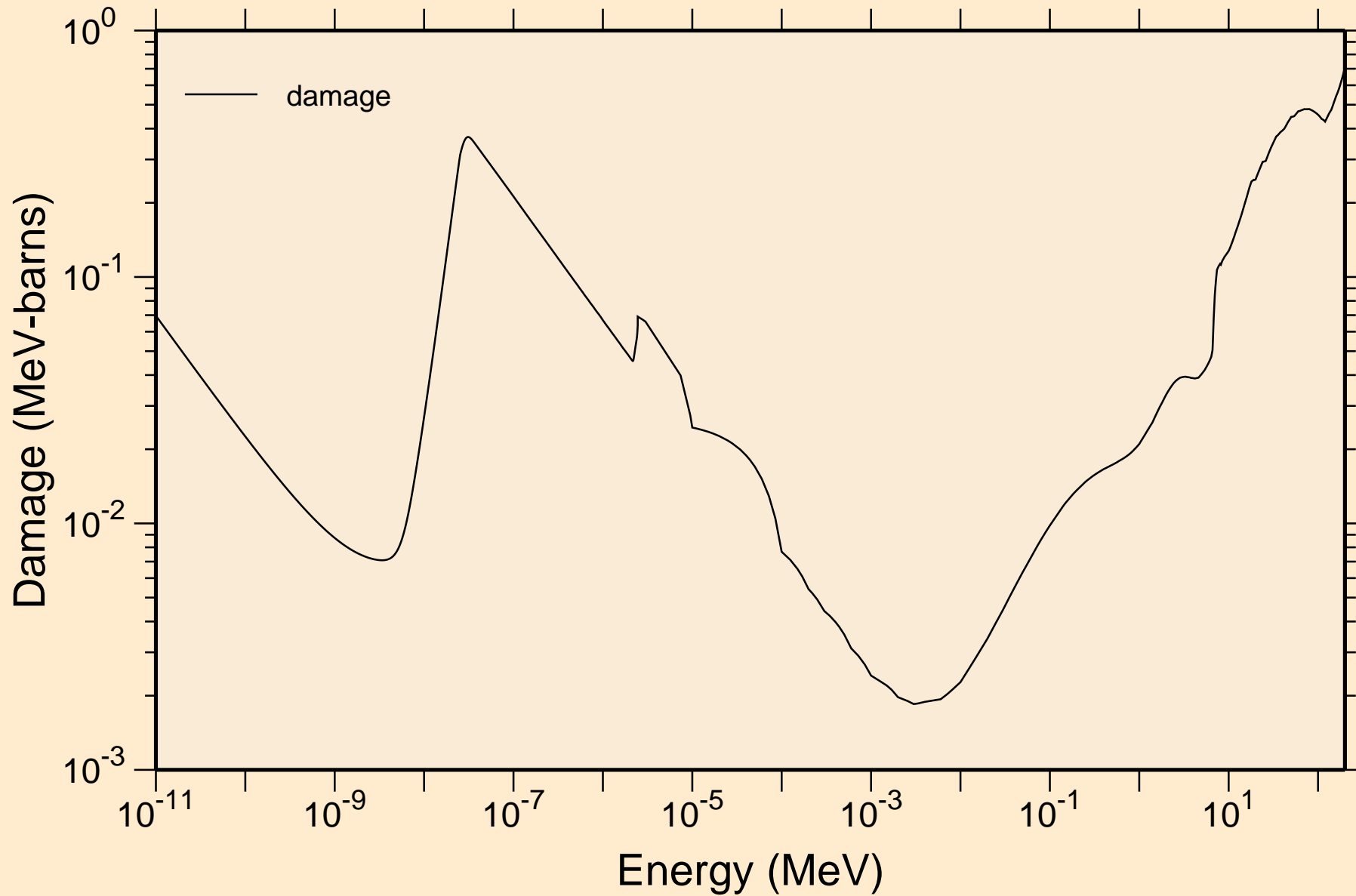
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



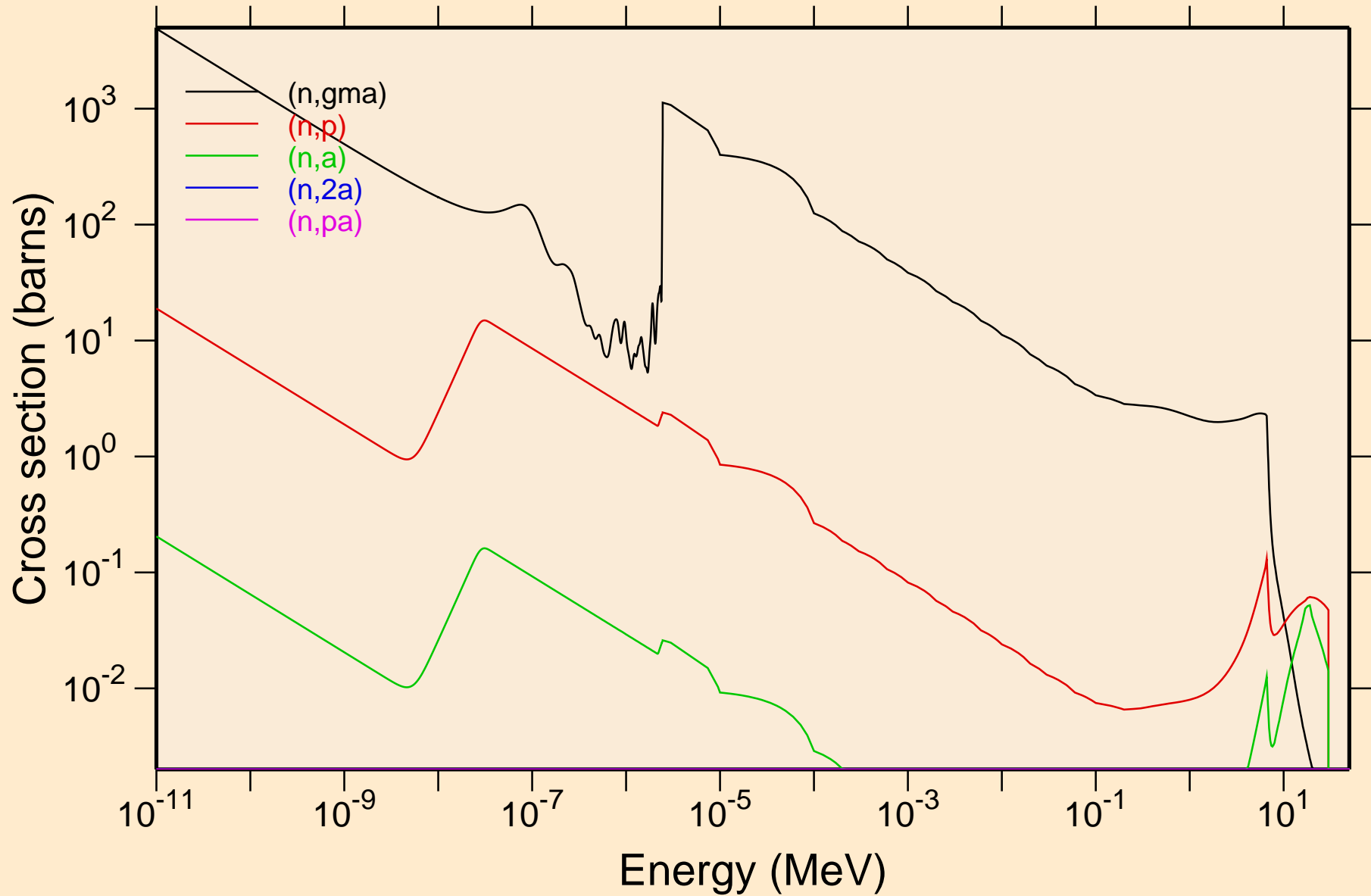
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



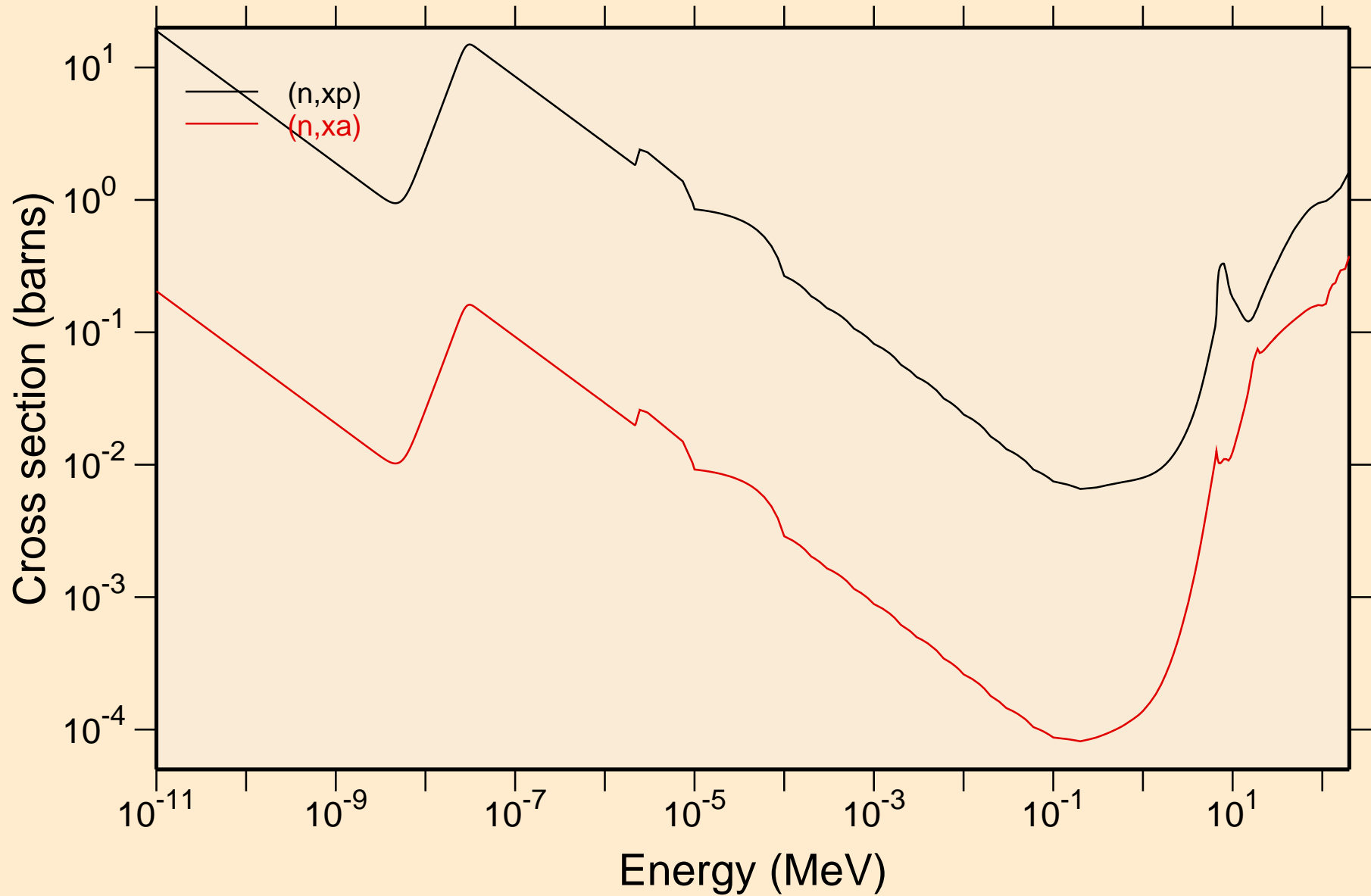
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



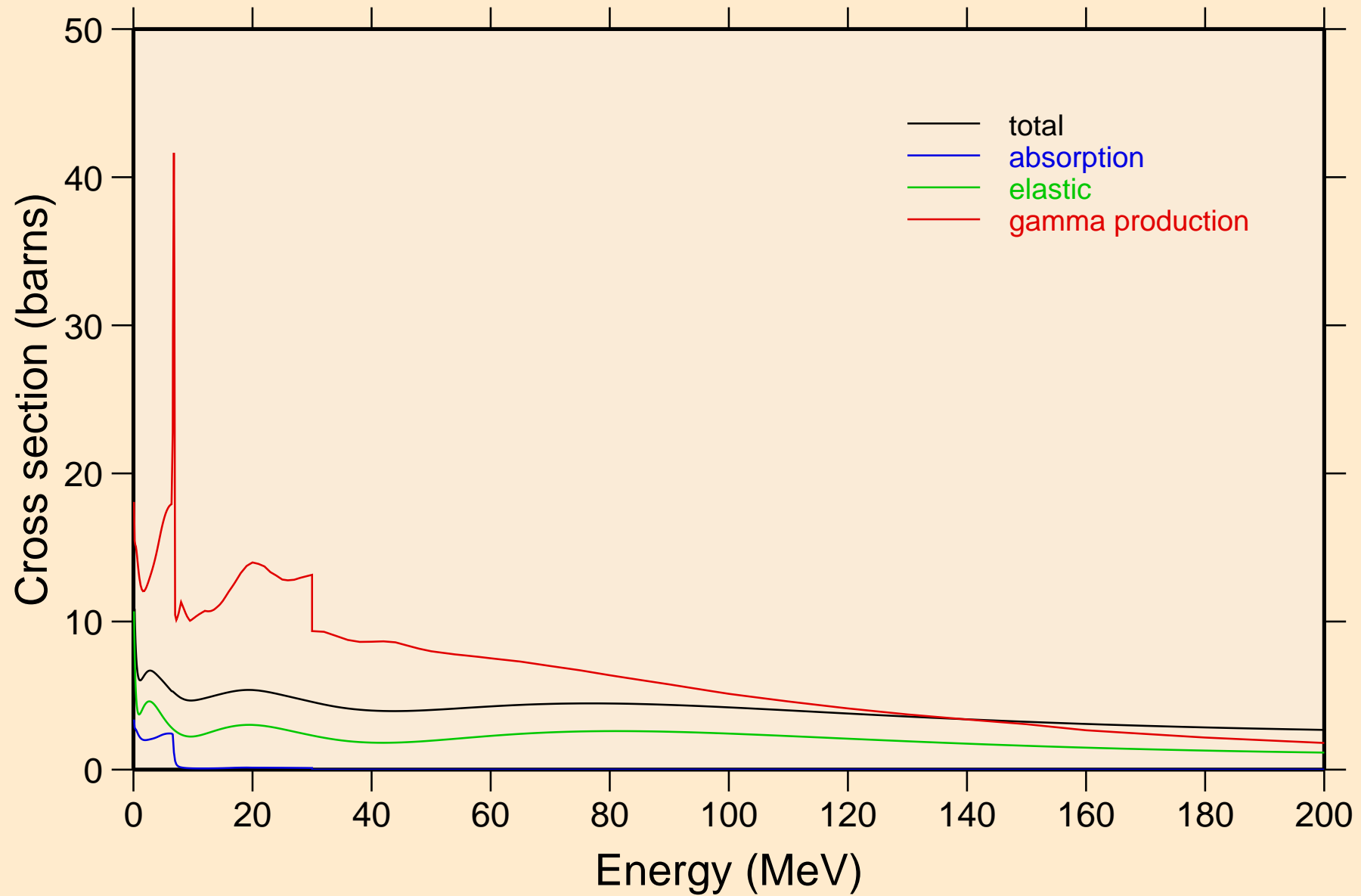
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



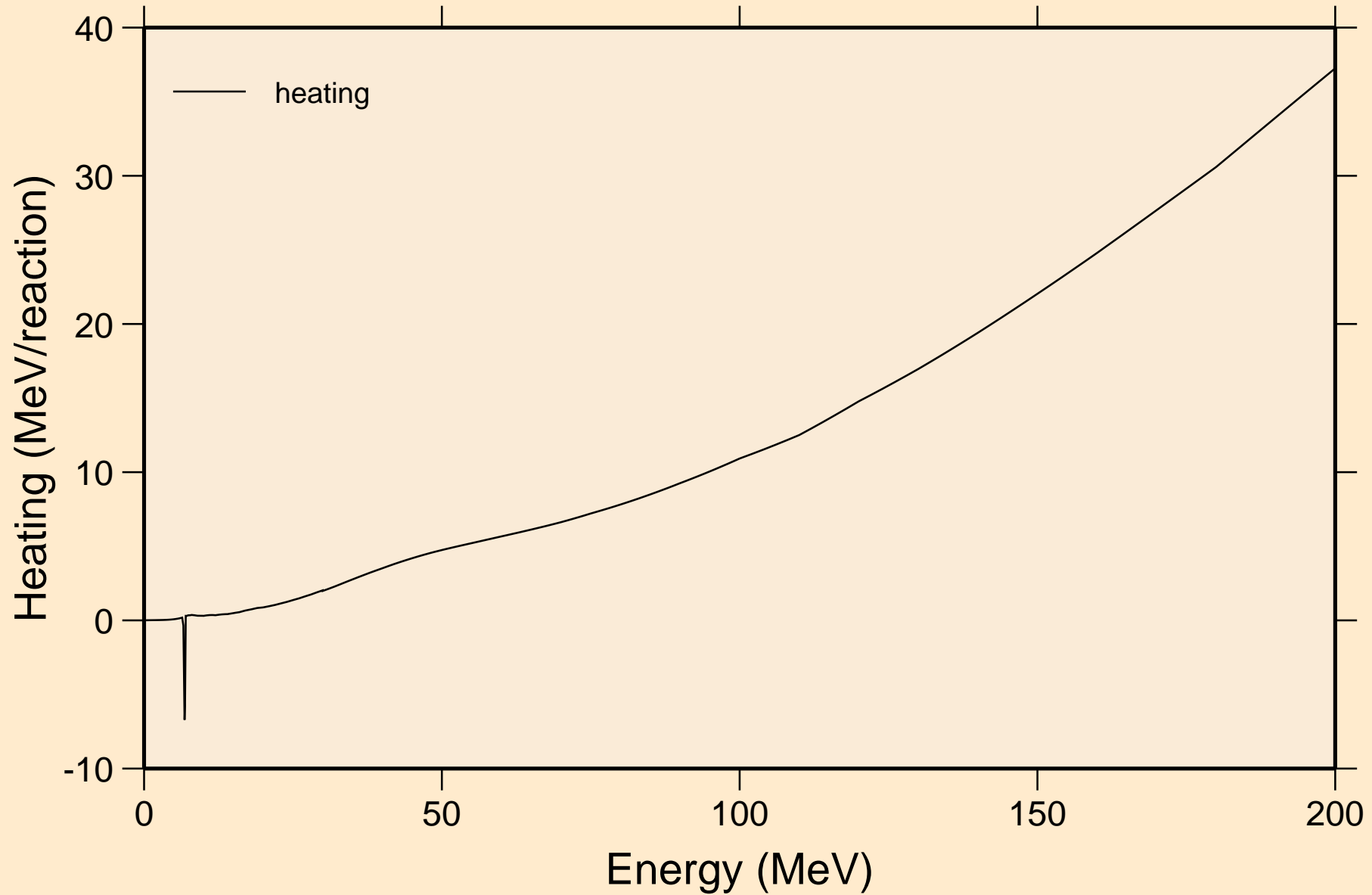
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



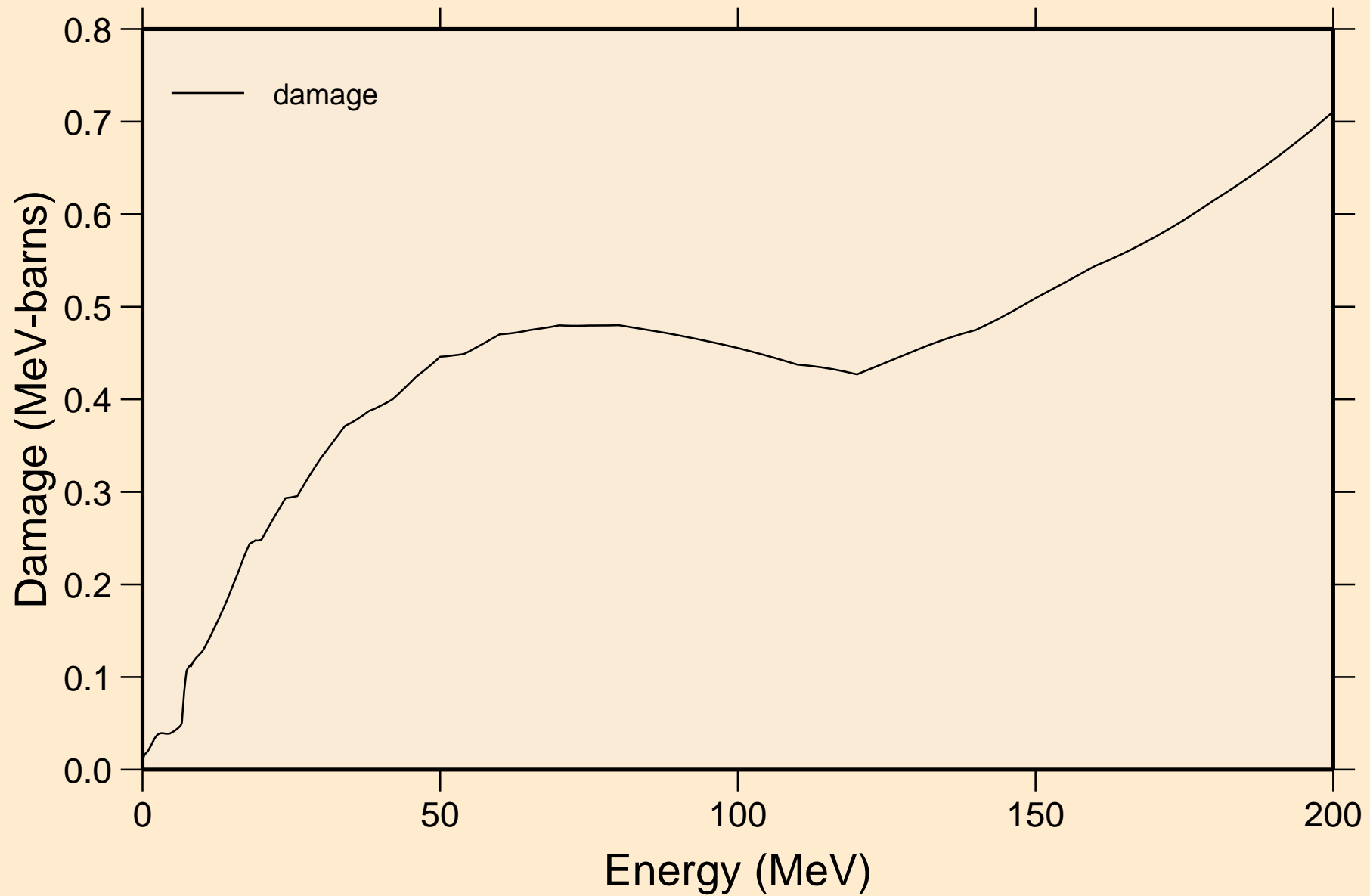
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

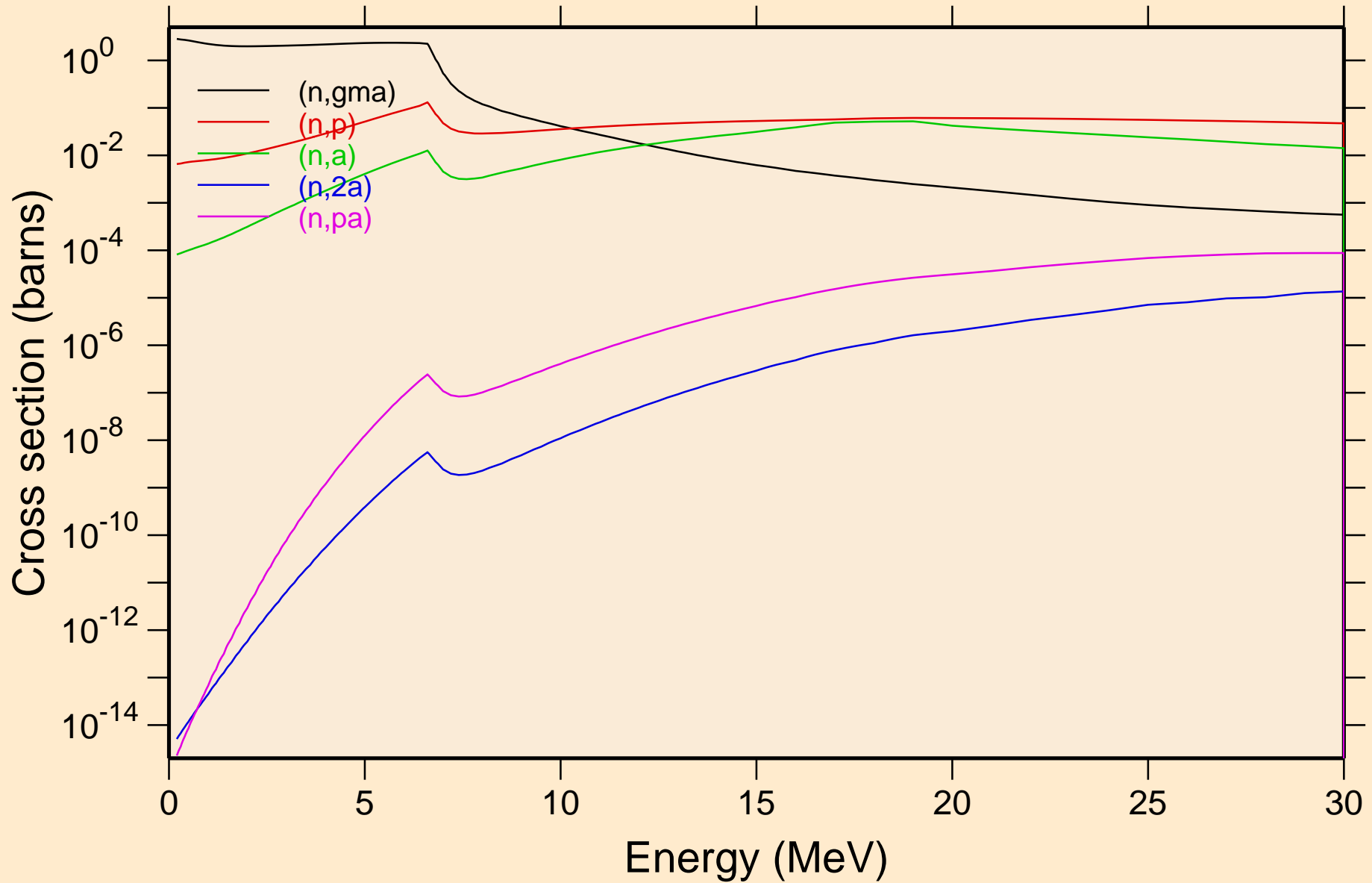


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

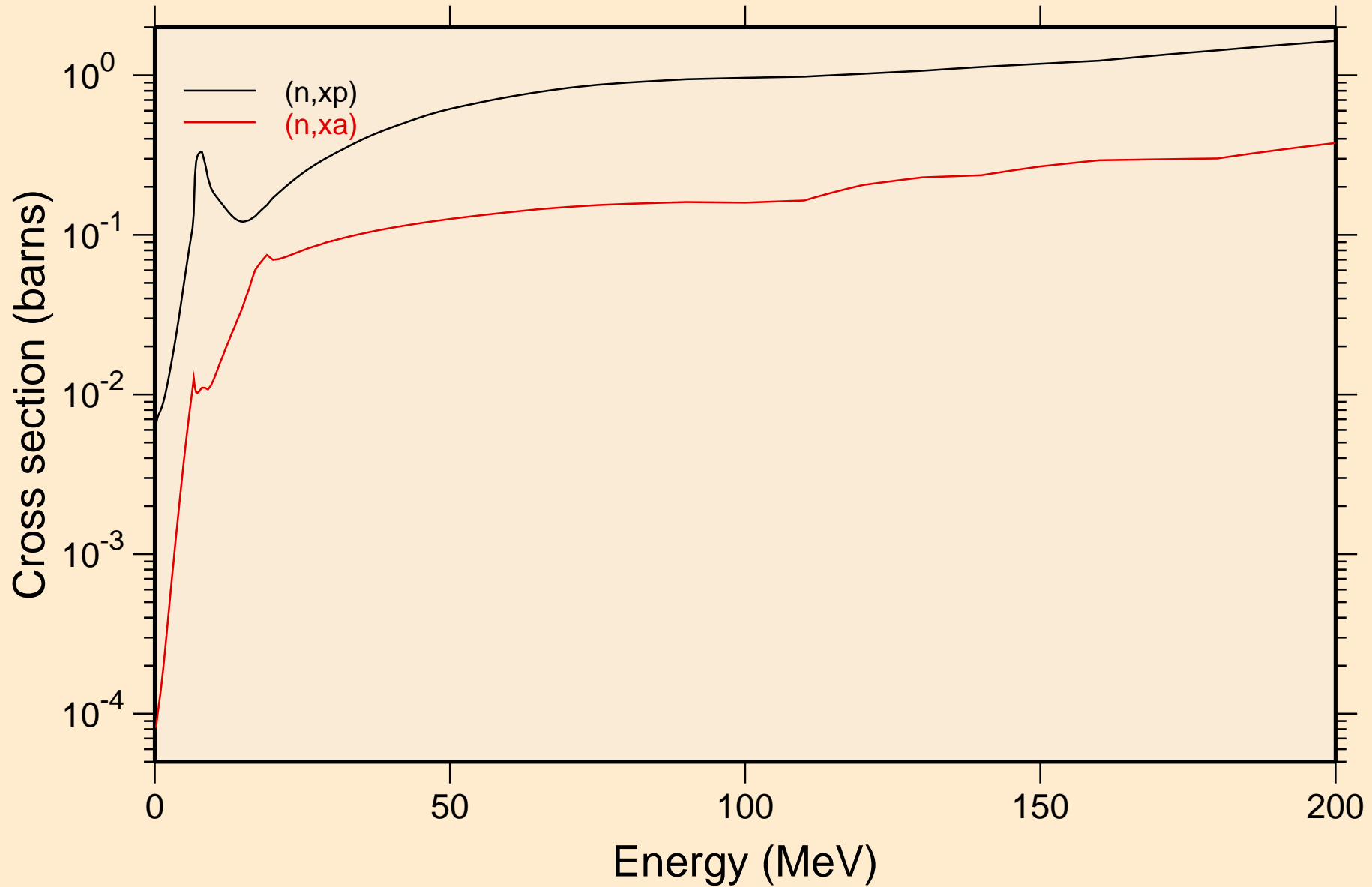




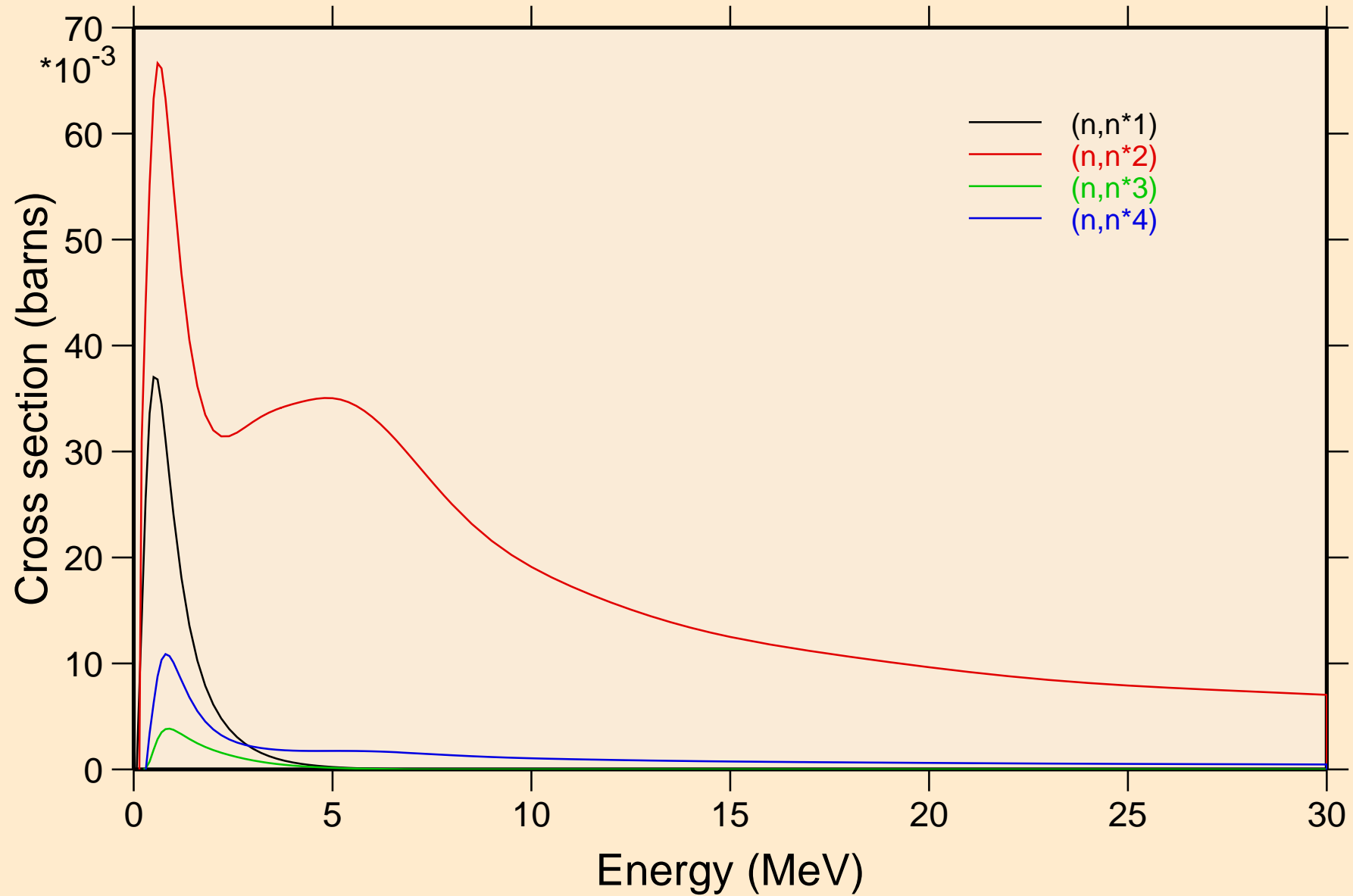
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Non-threshold reactions



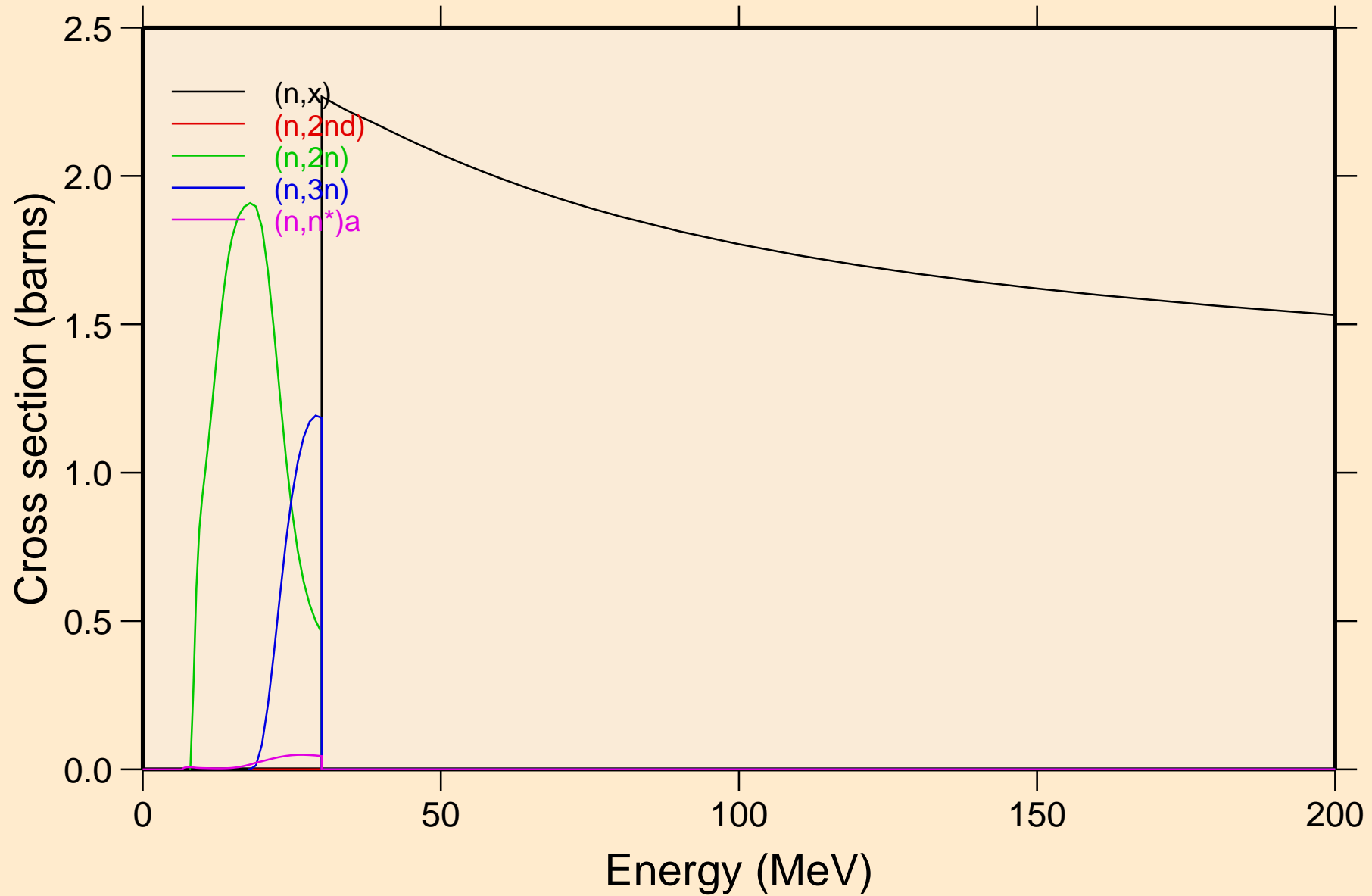
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



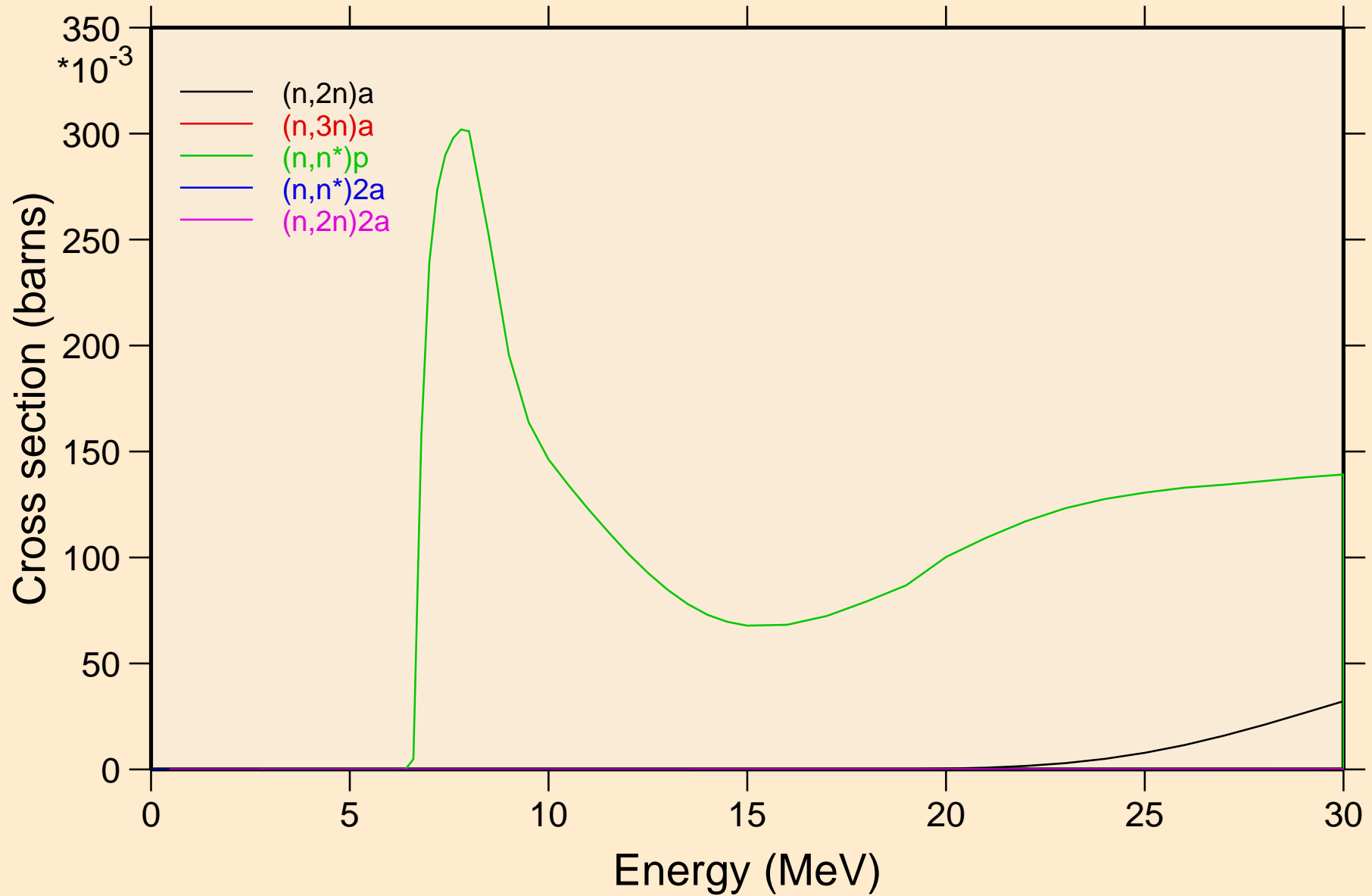
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



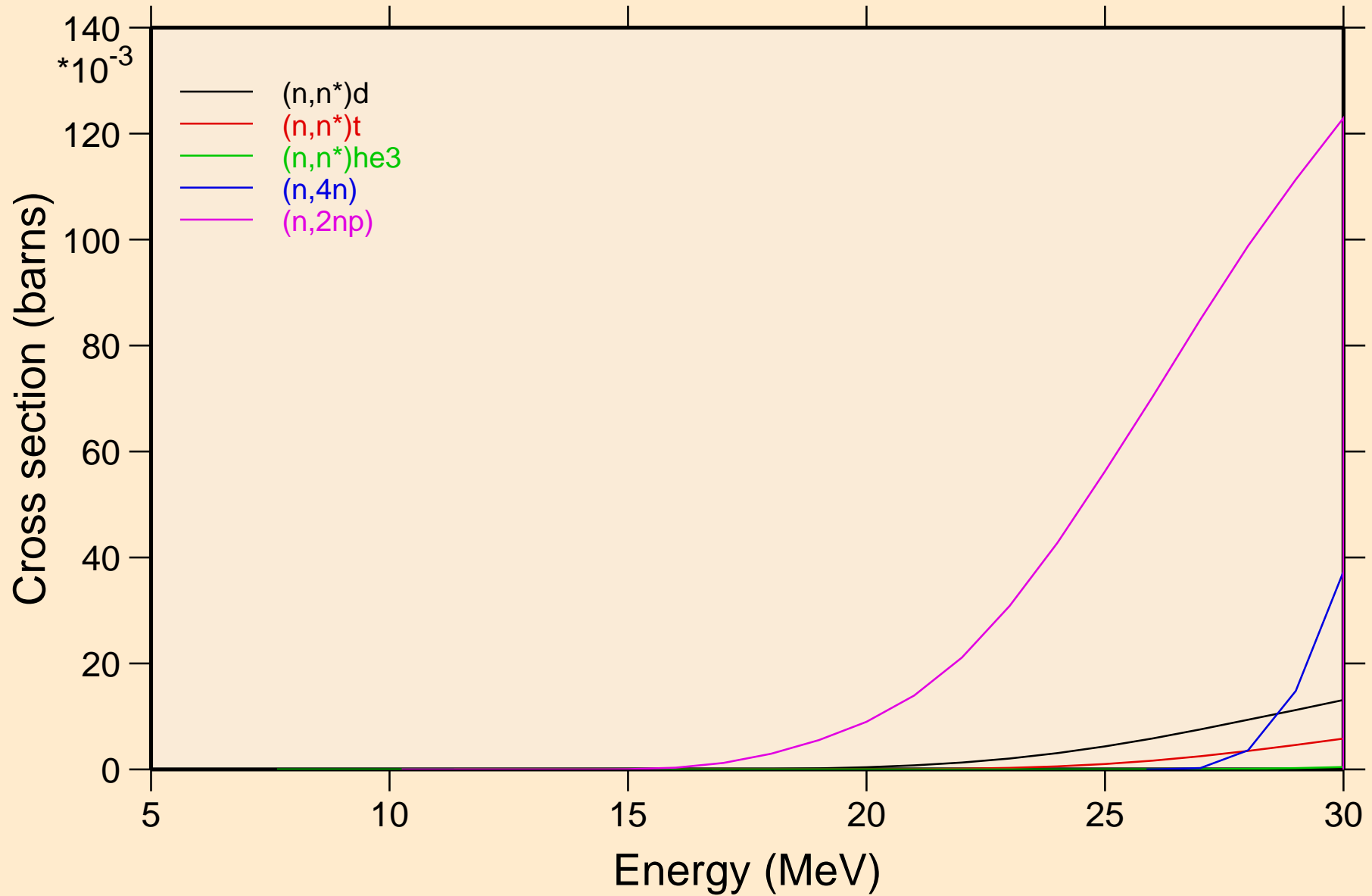
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



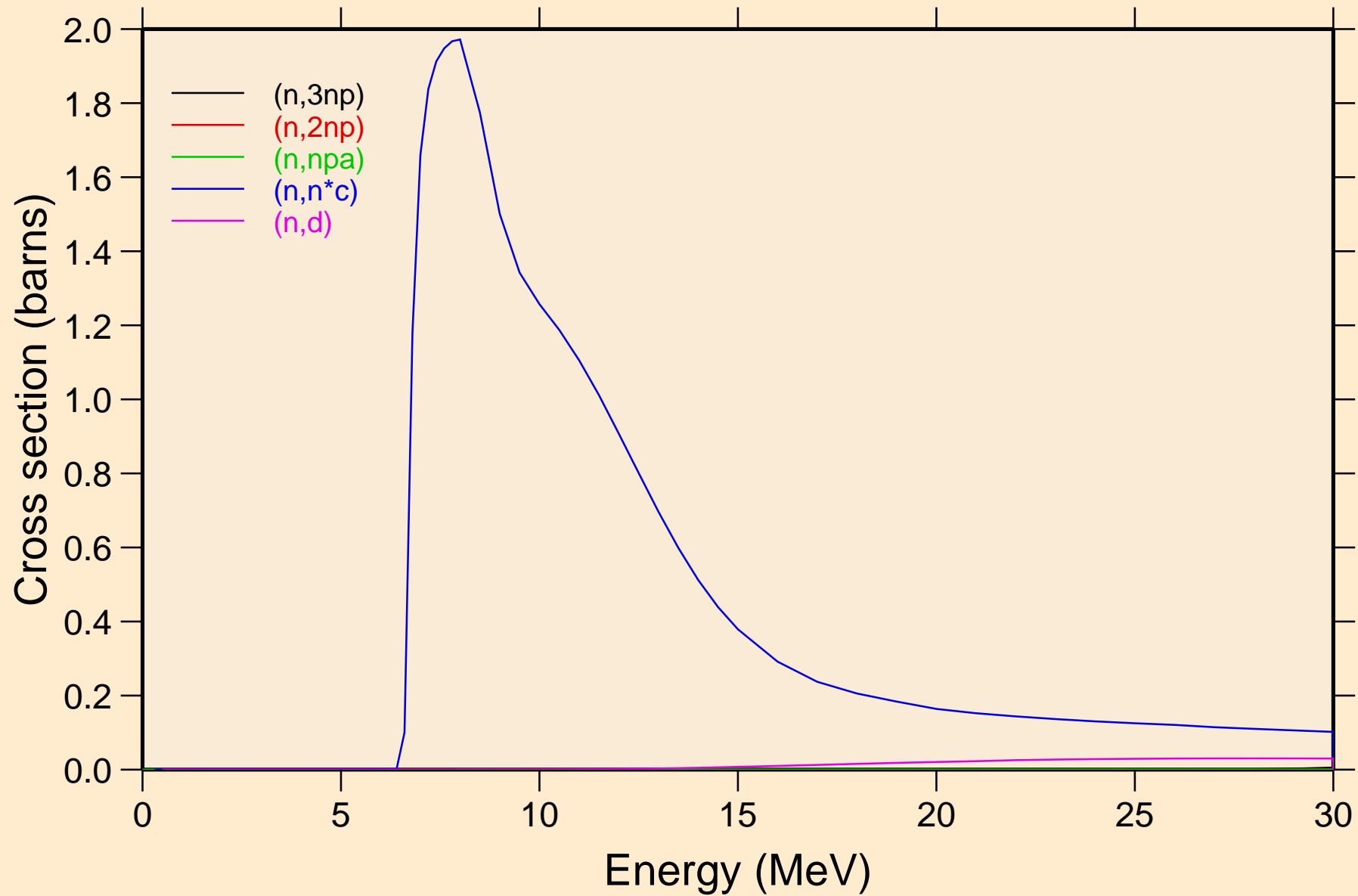
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



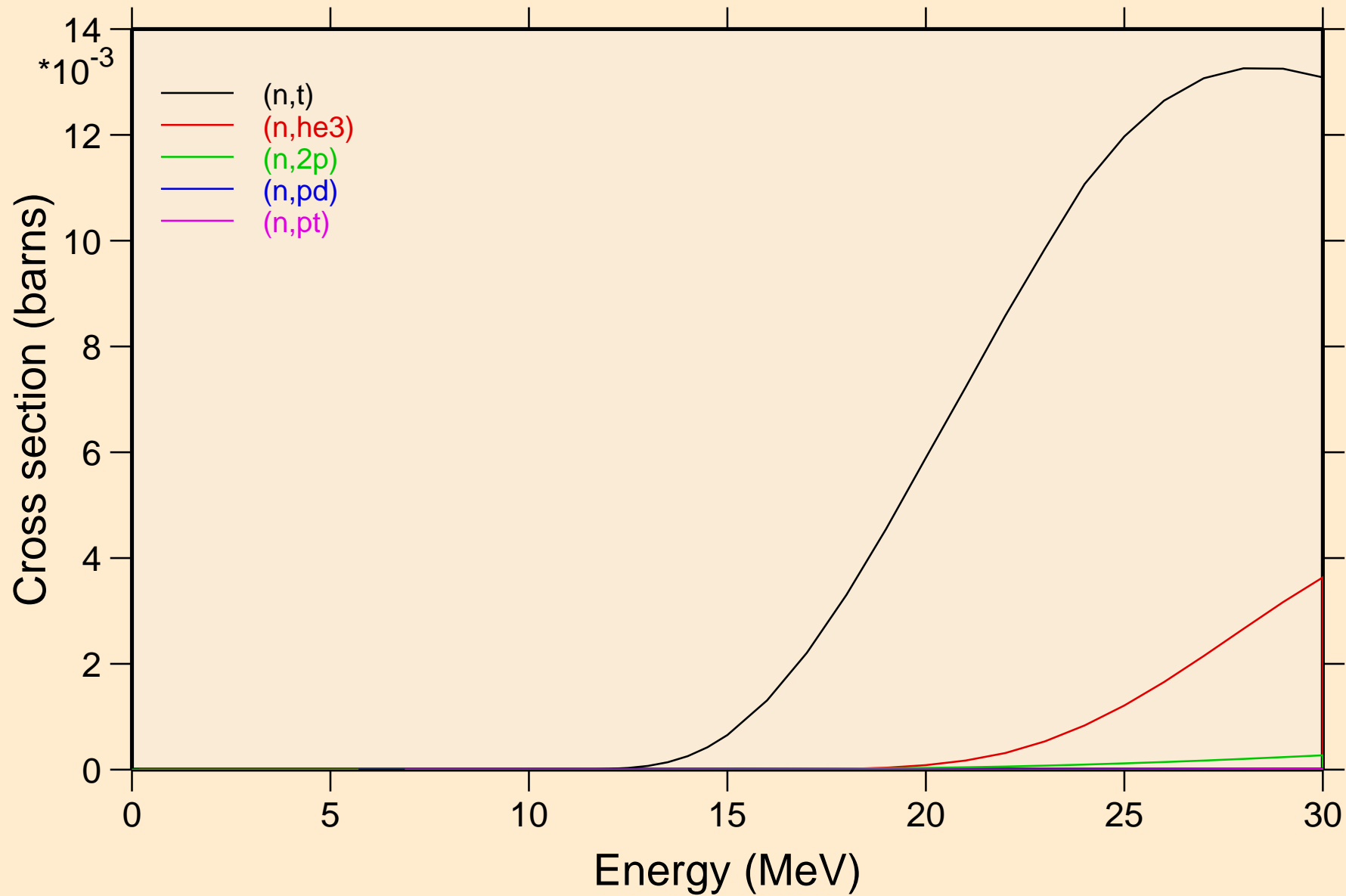
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

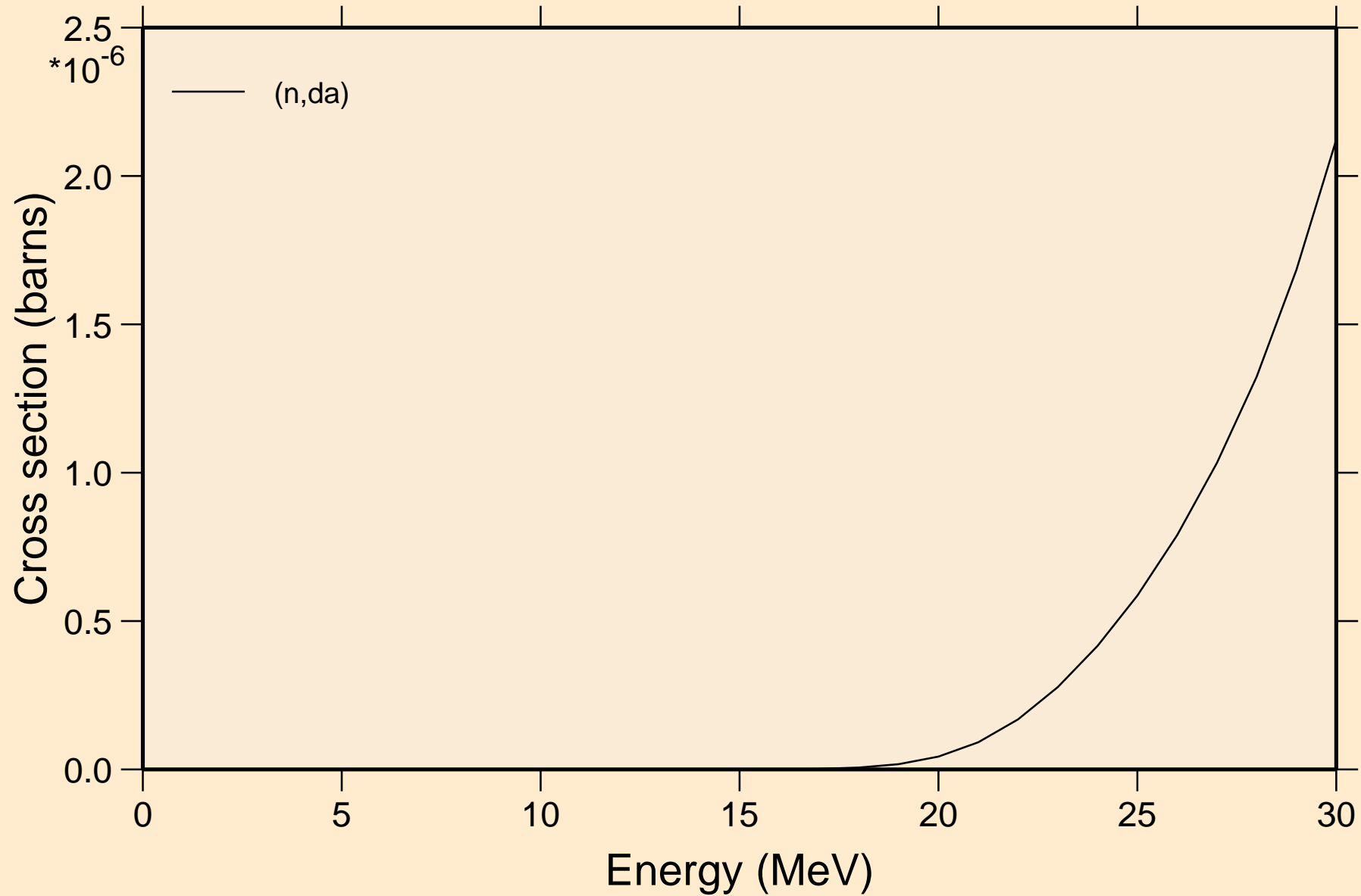


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

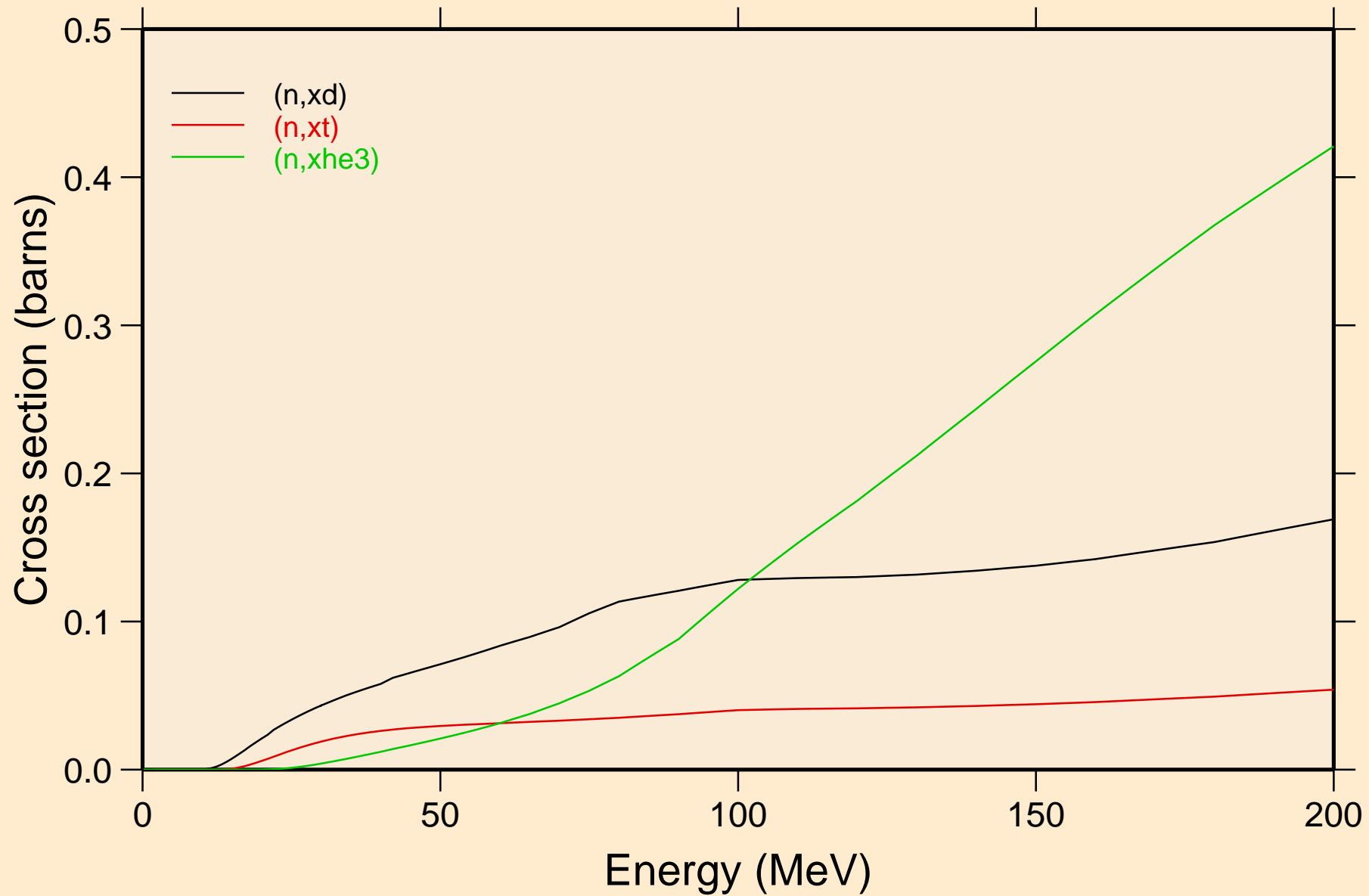




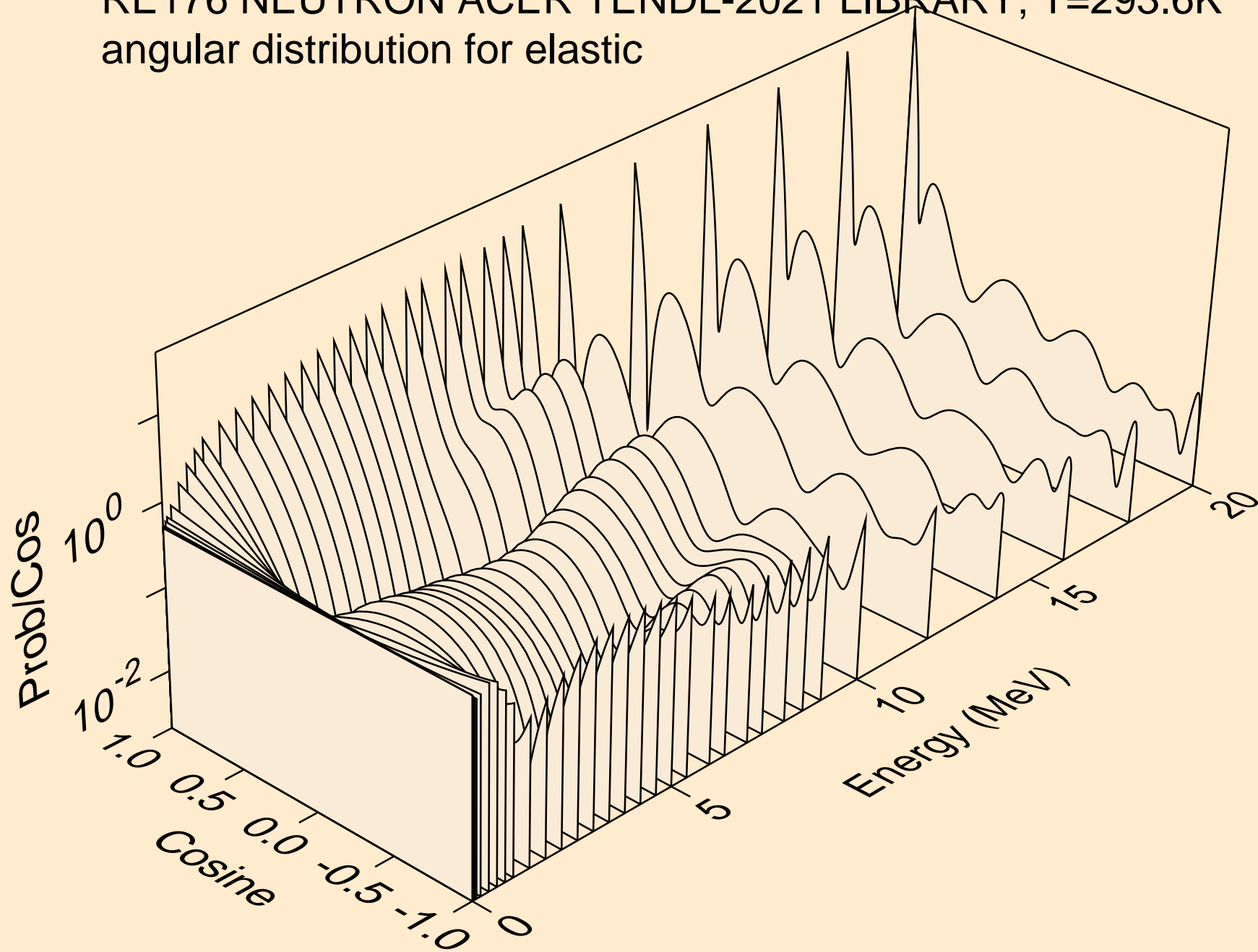
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



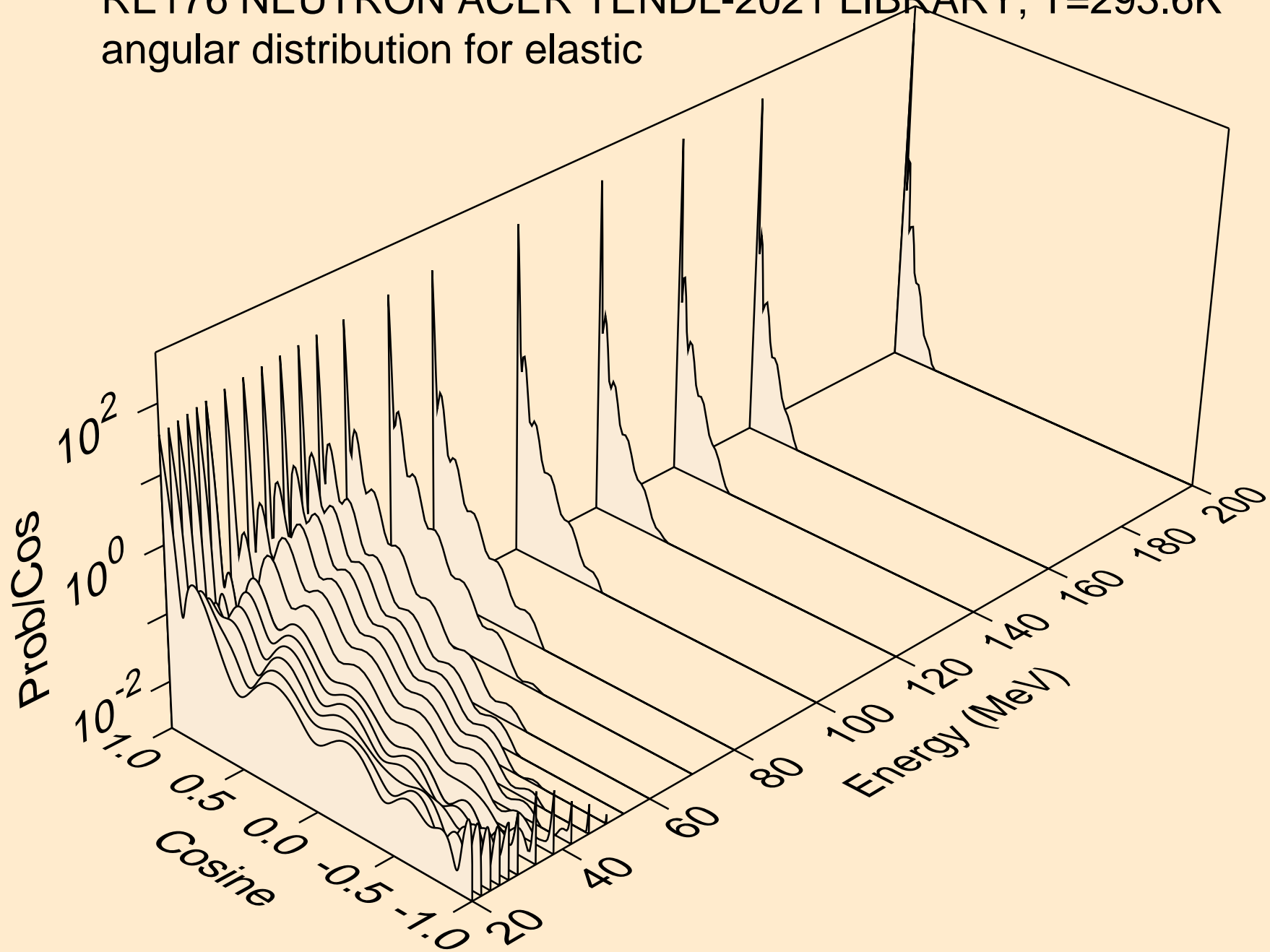
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



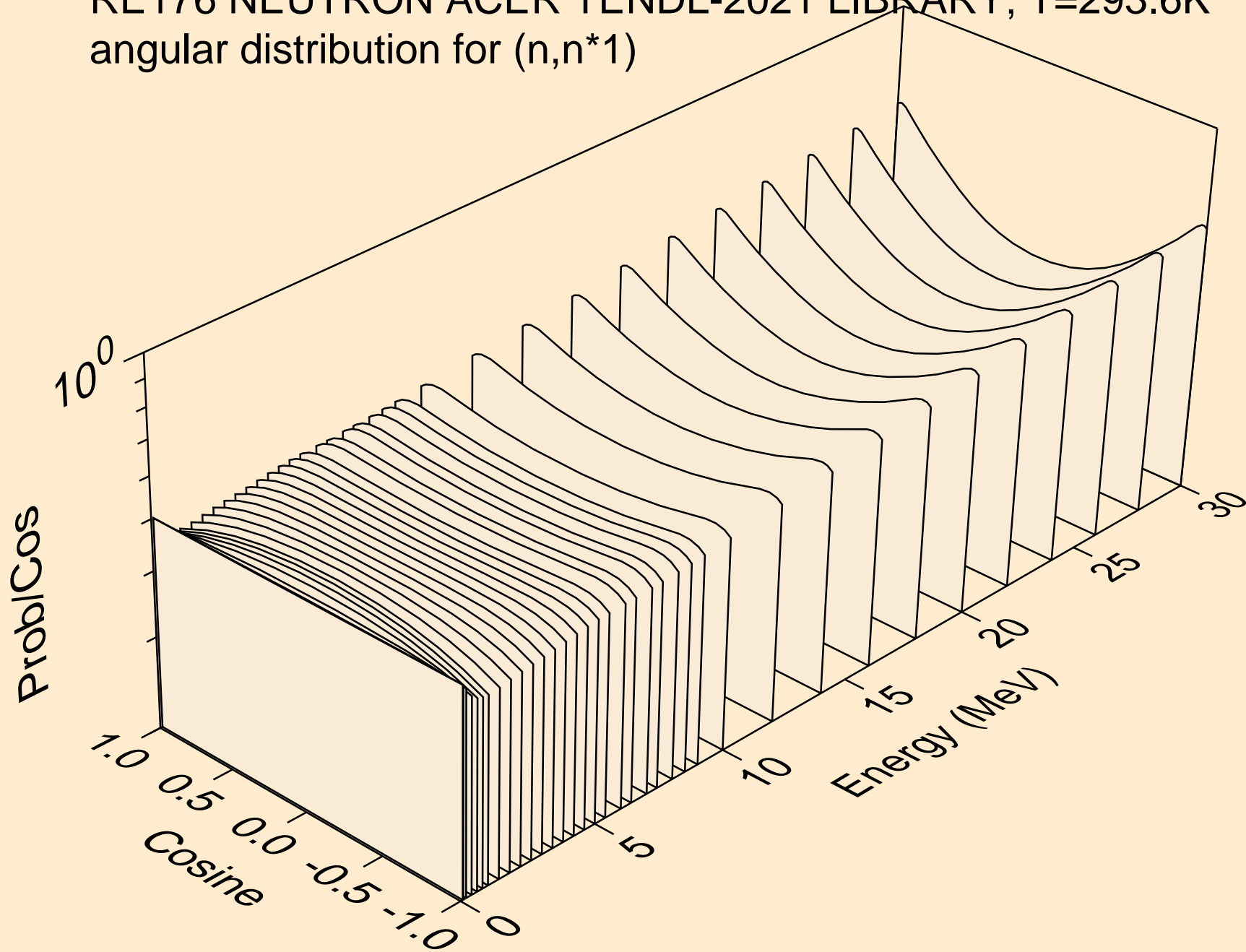
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



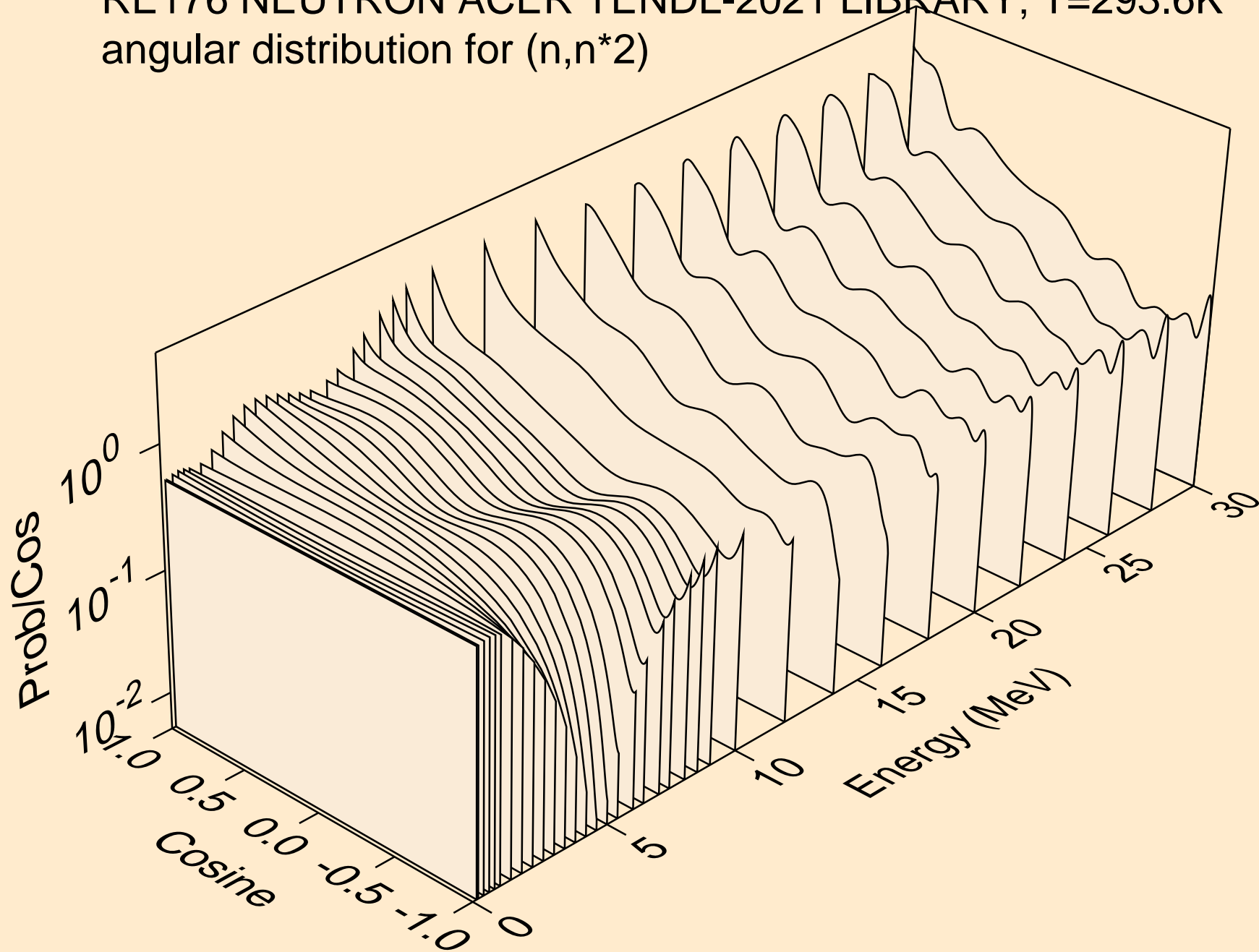
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



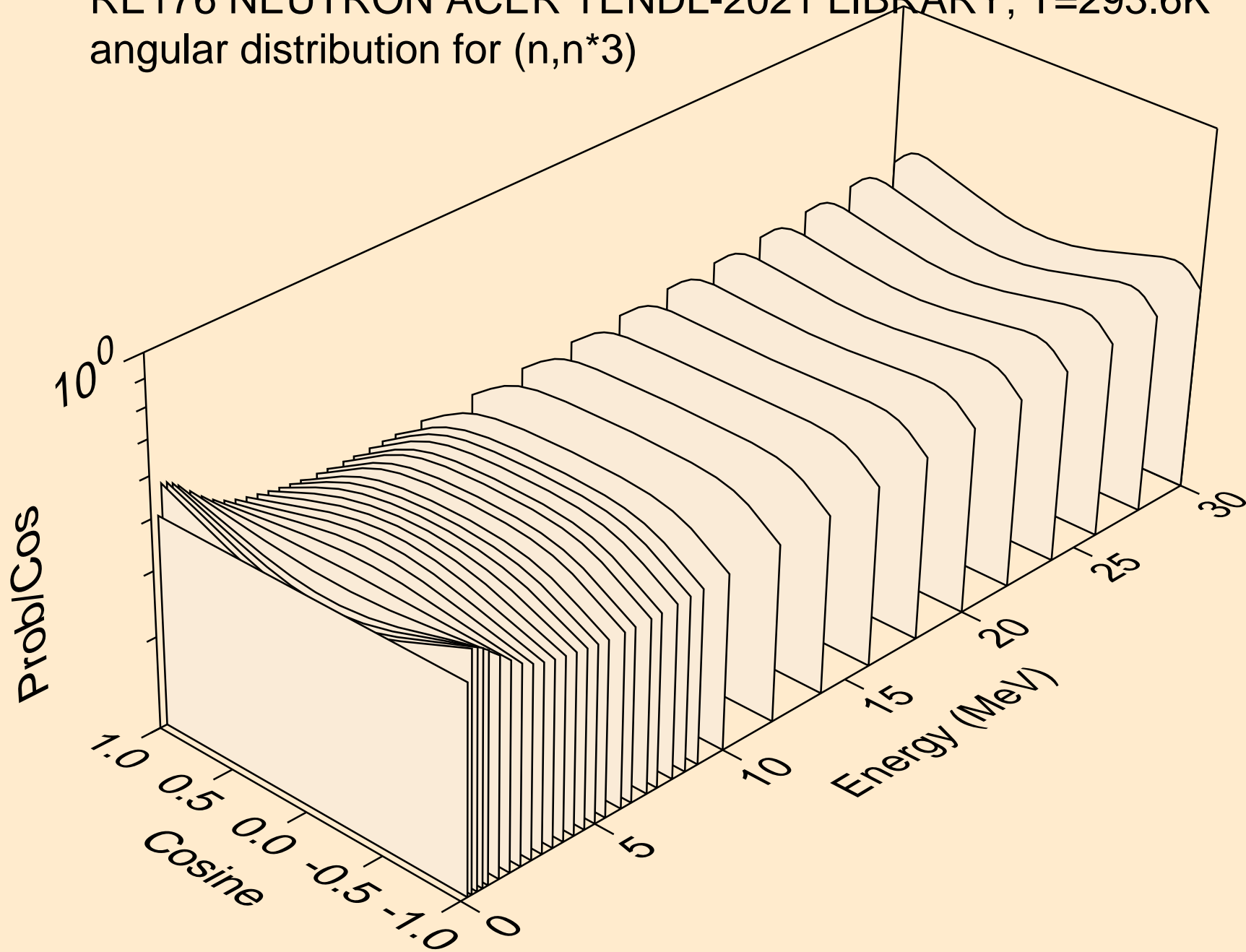
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



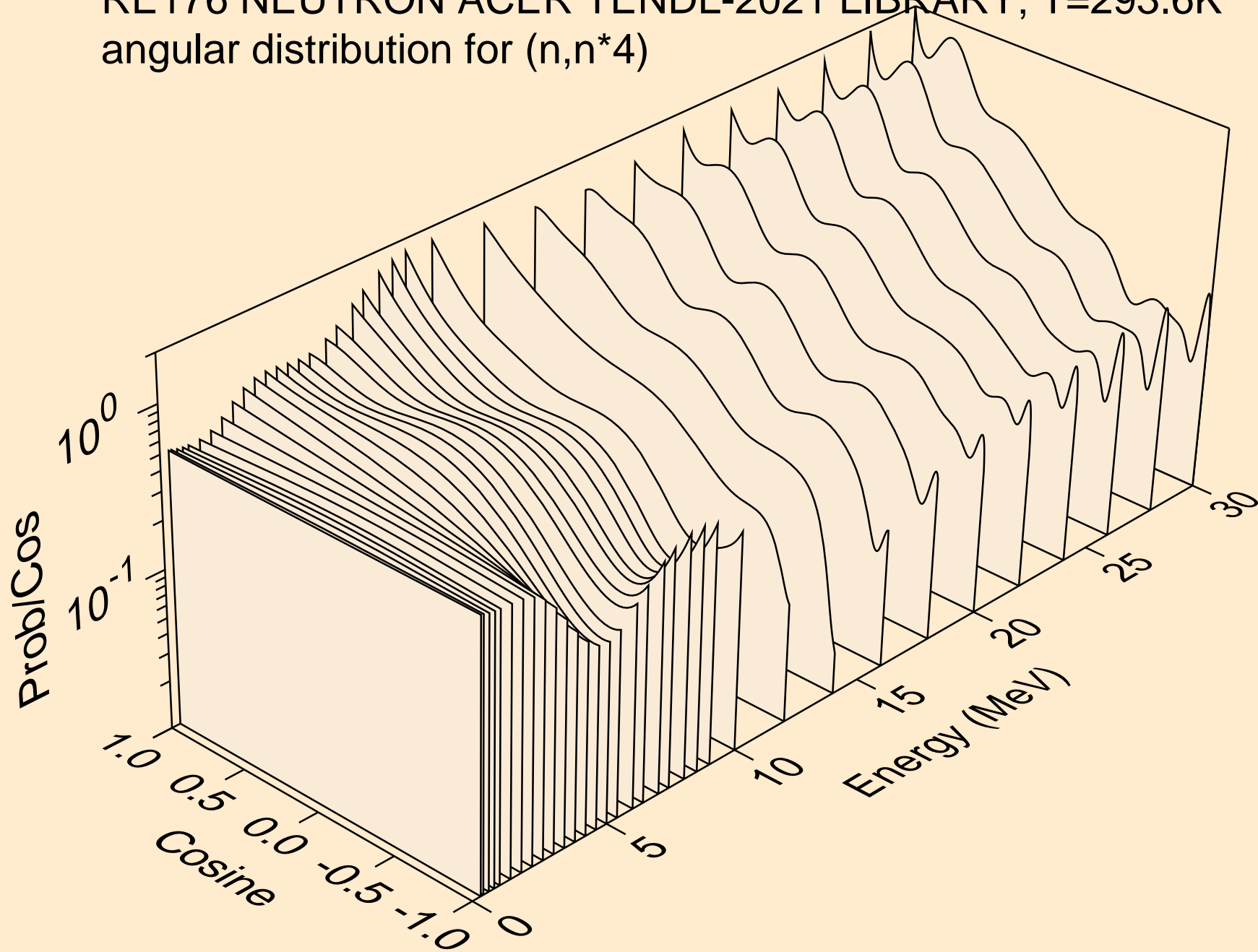
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

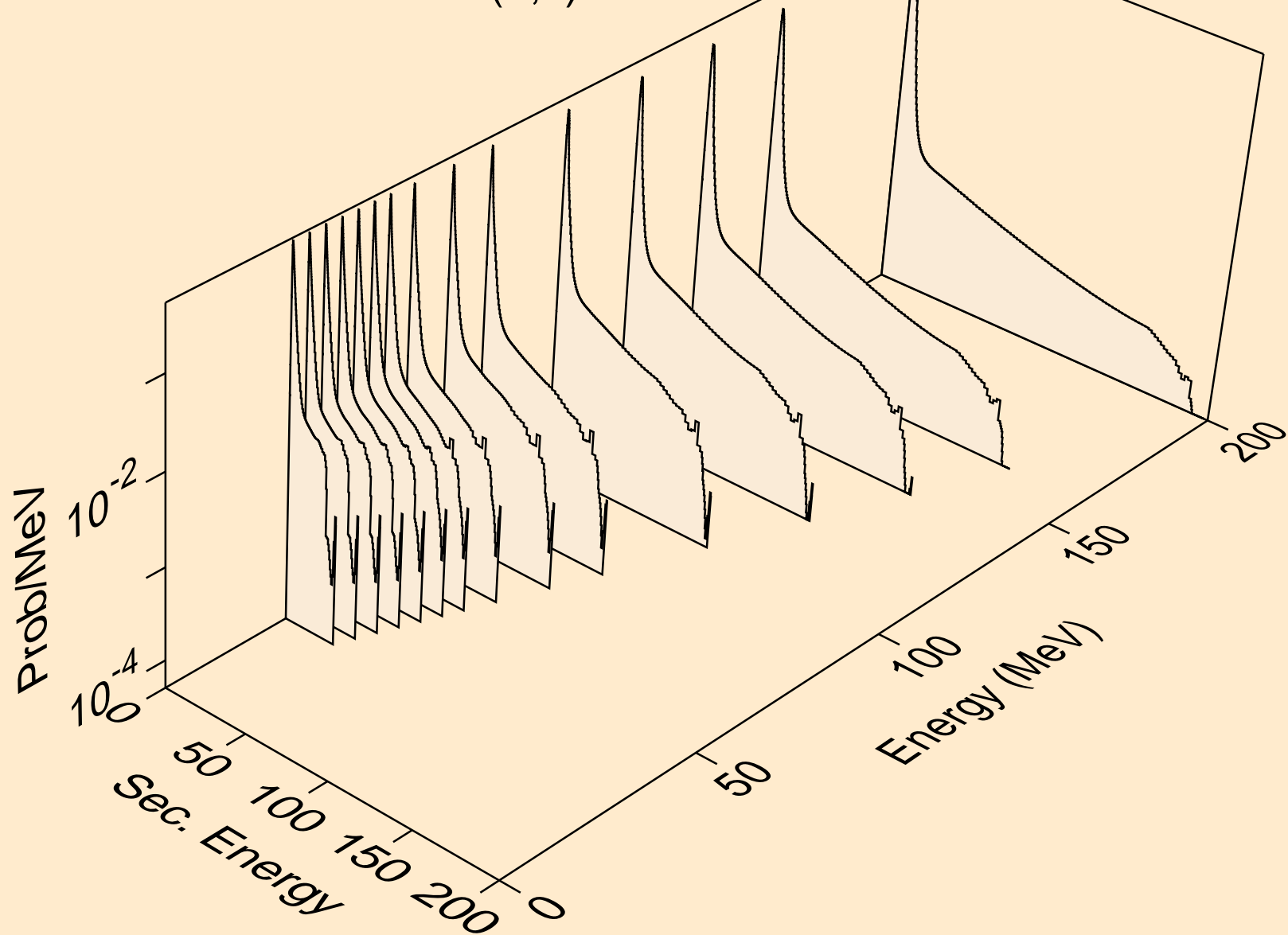


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

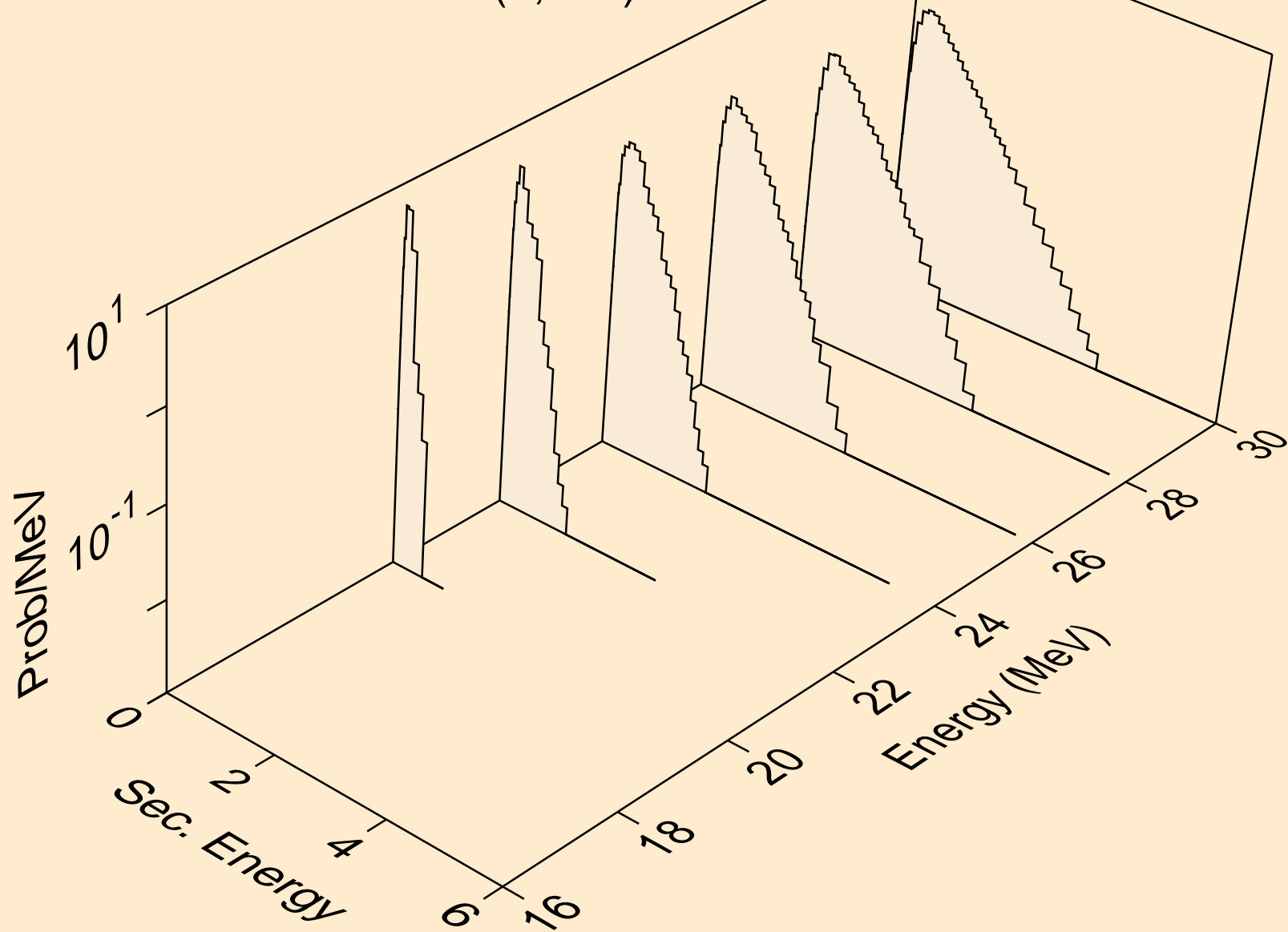




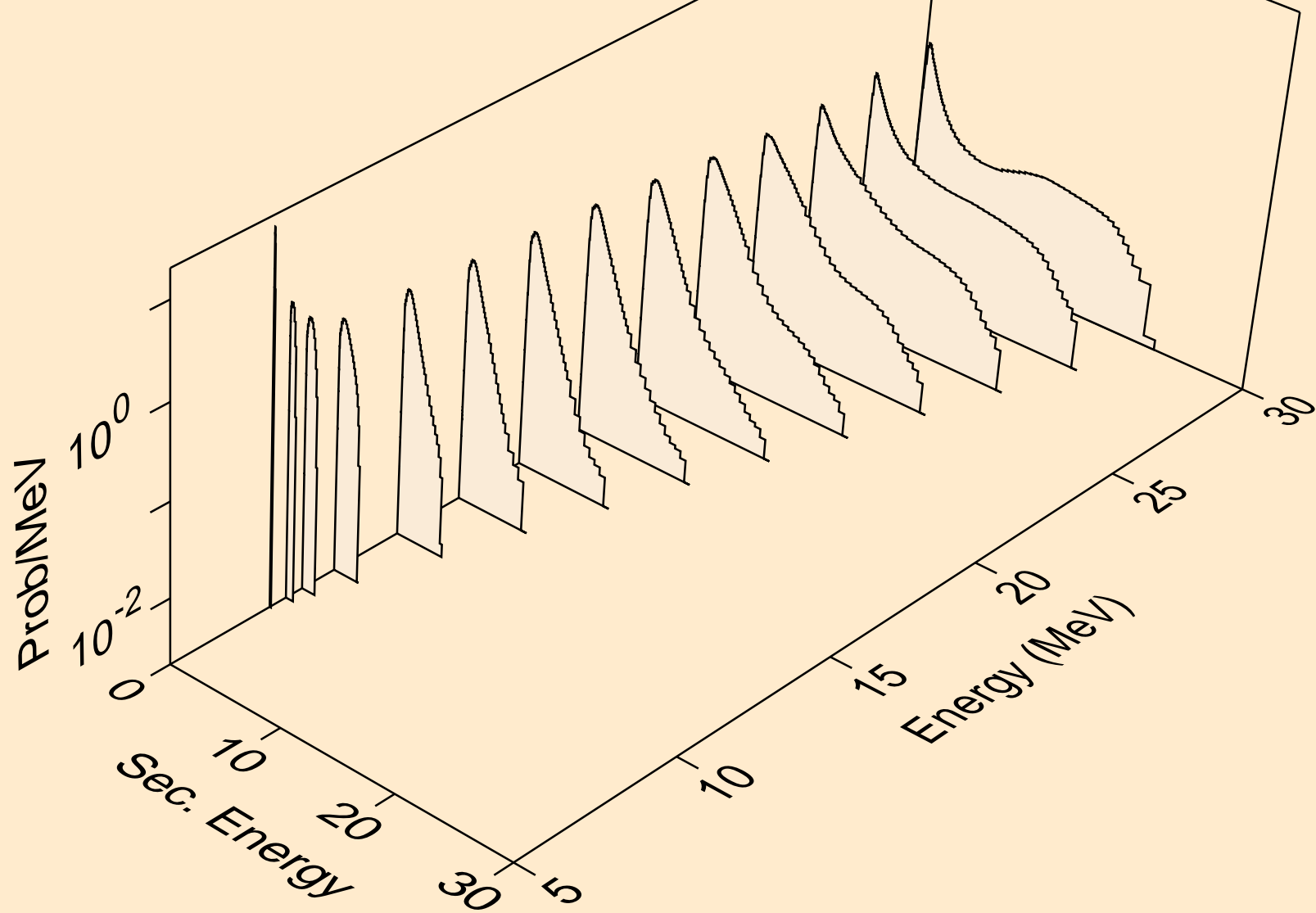
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



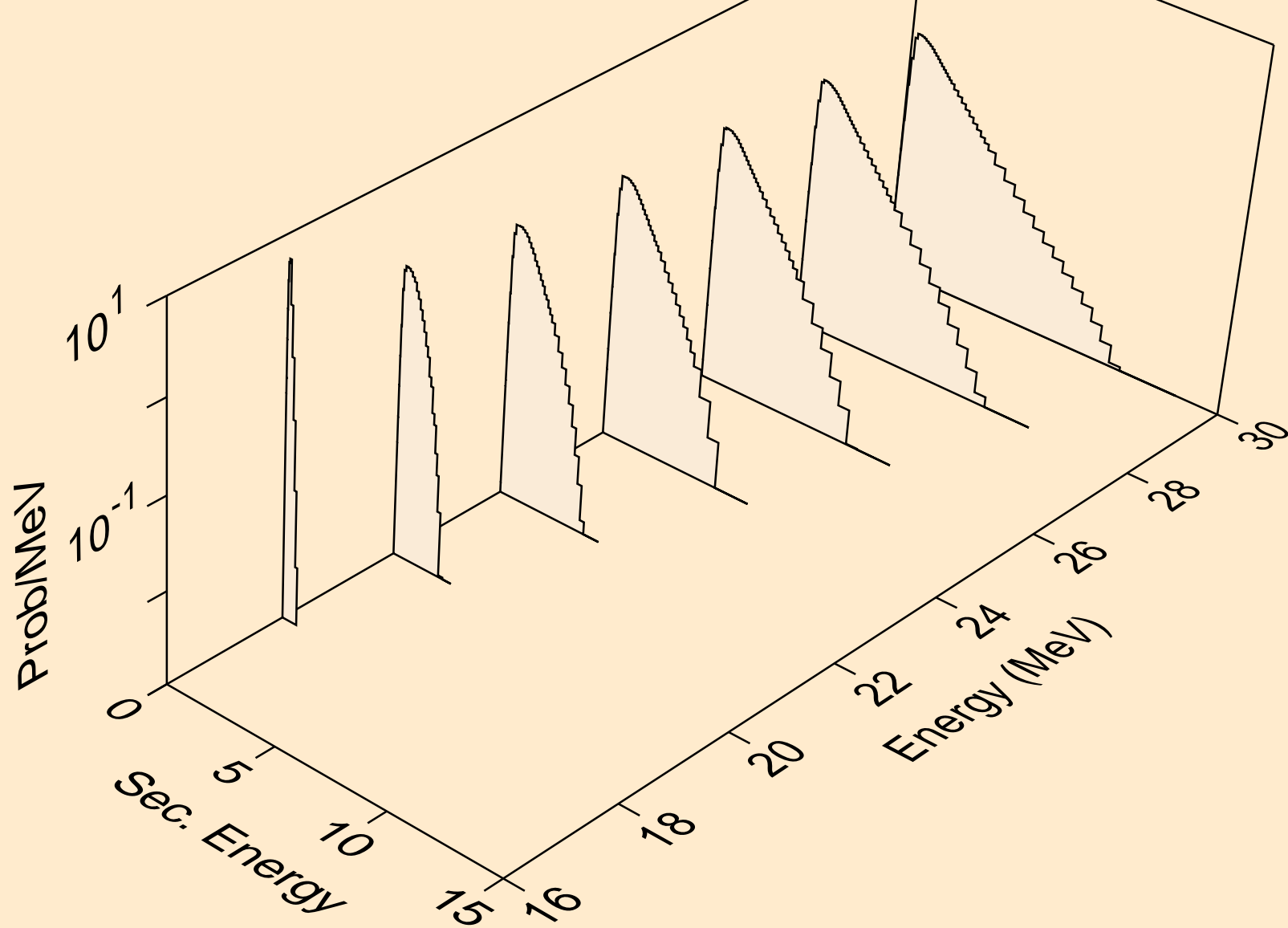
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



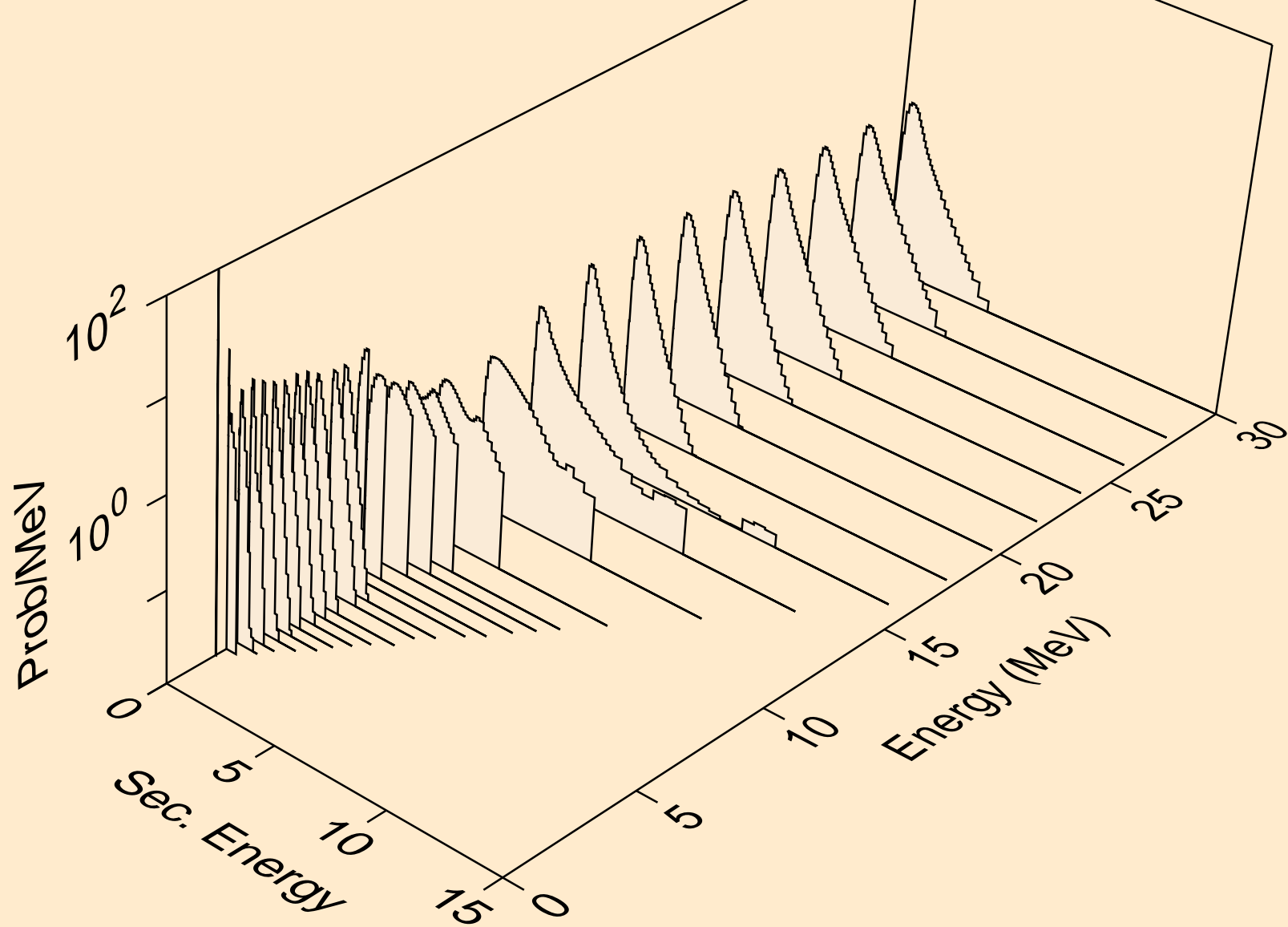
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



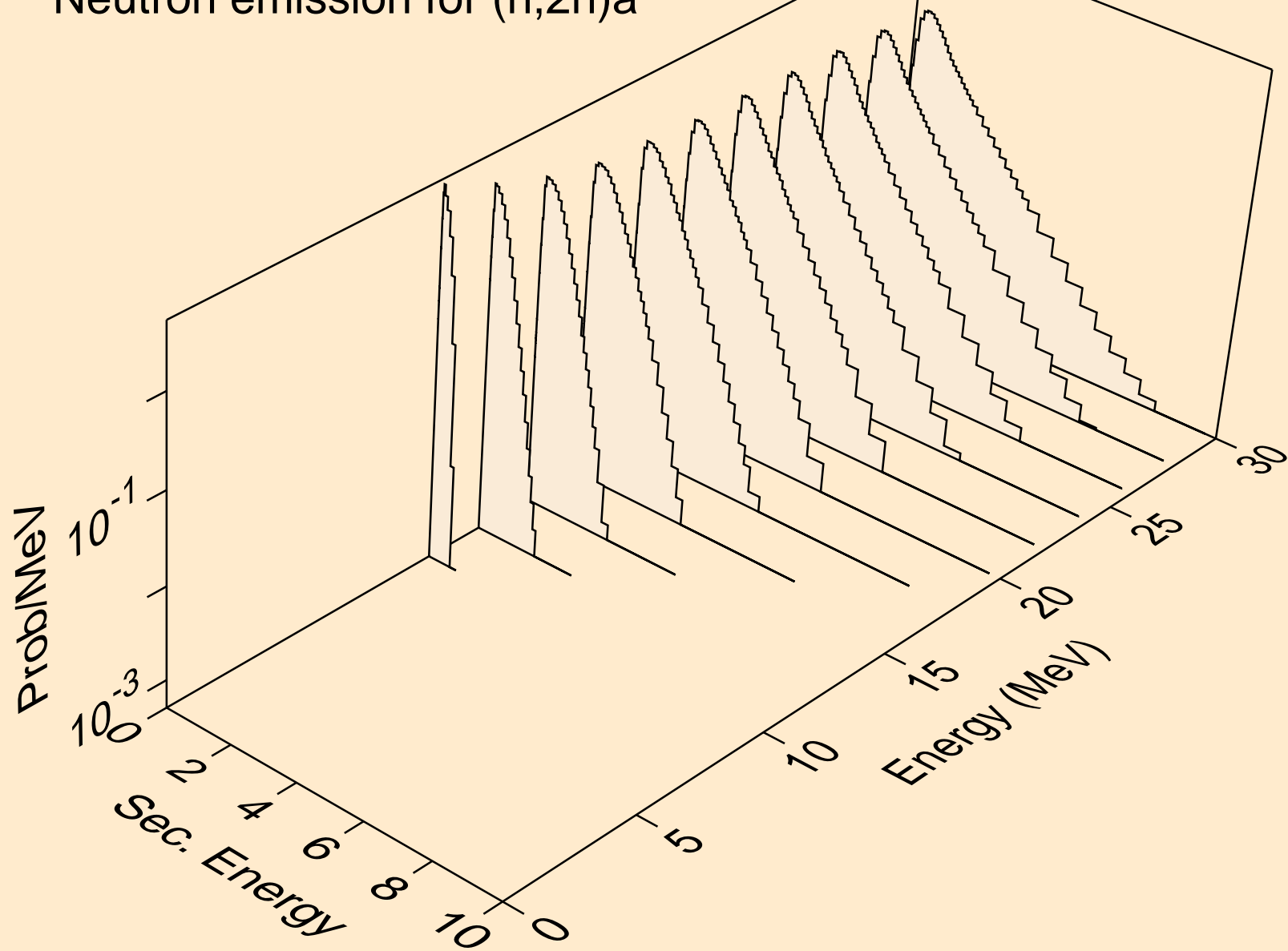
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



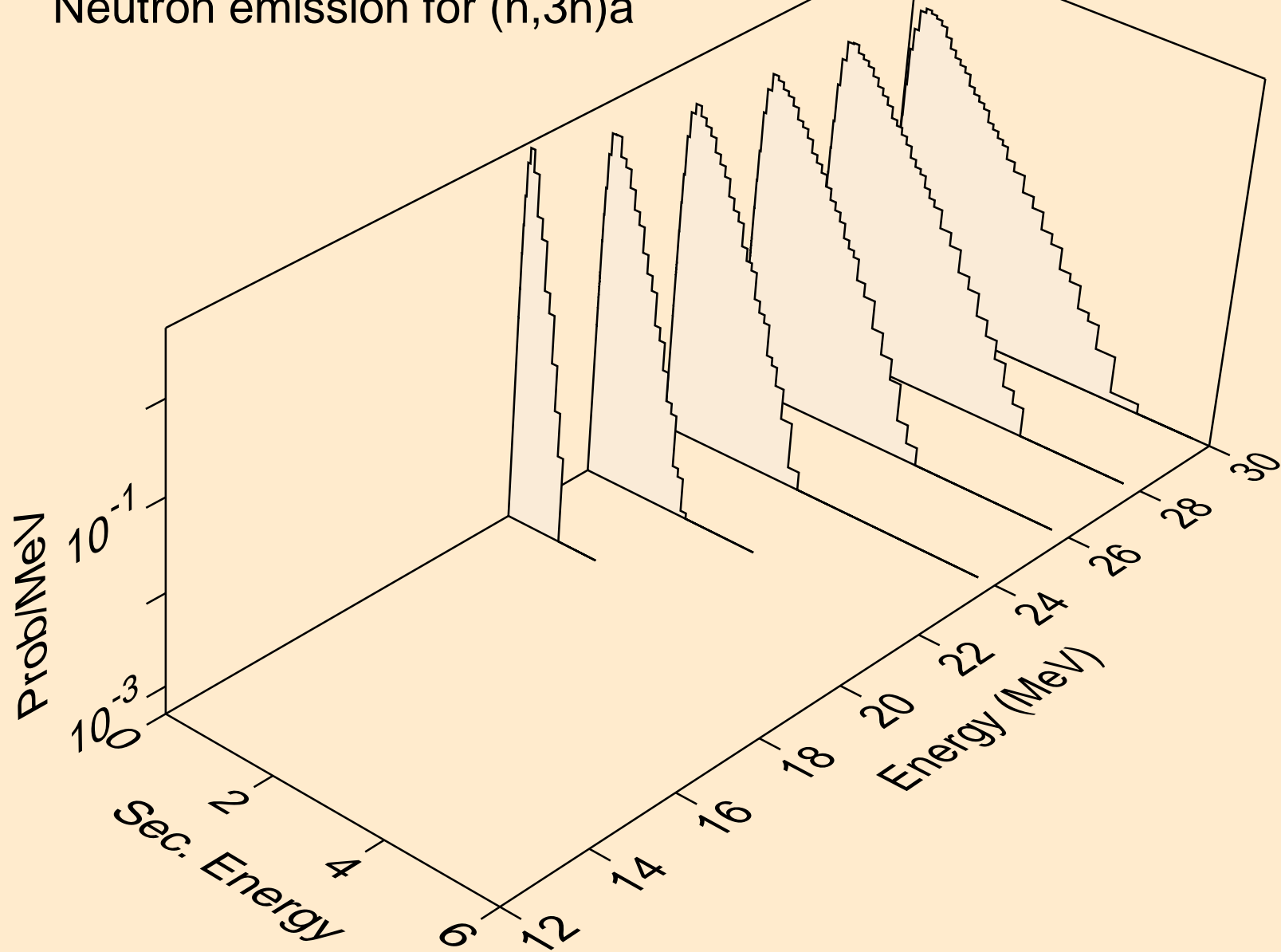
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



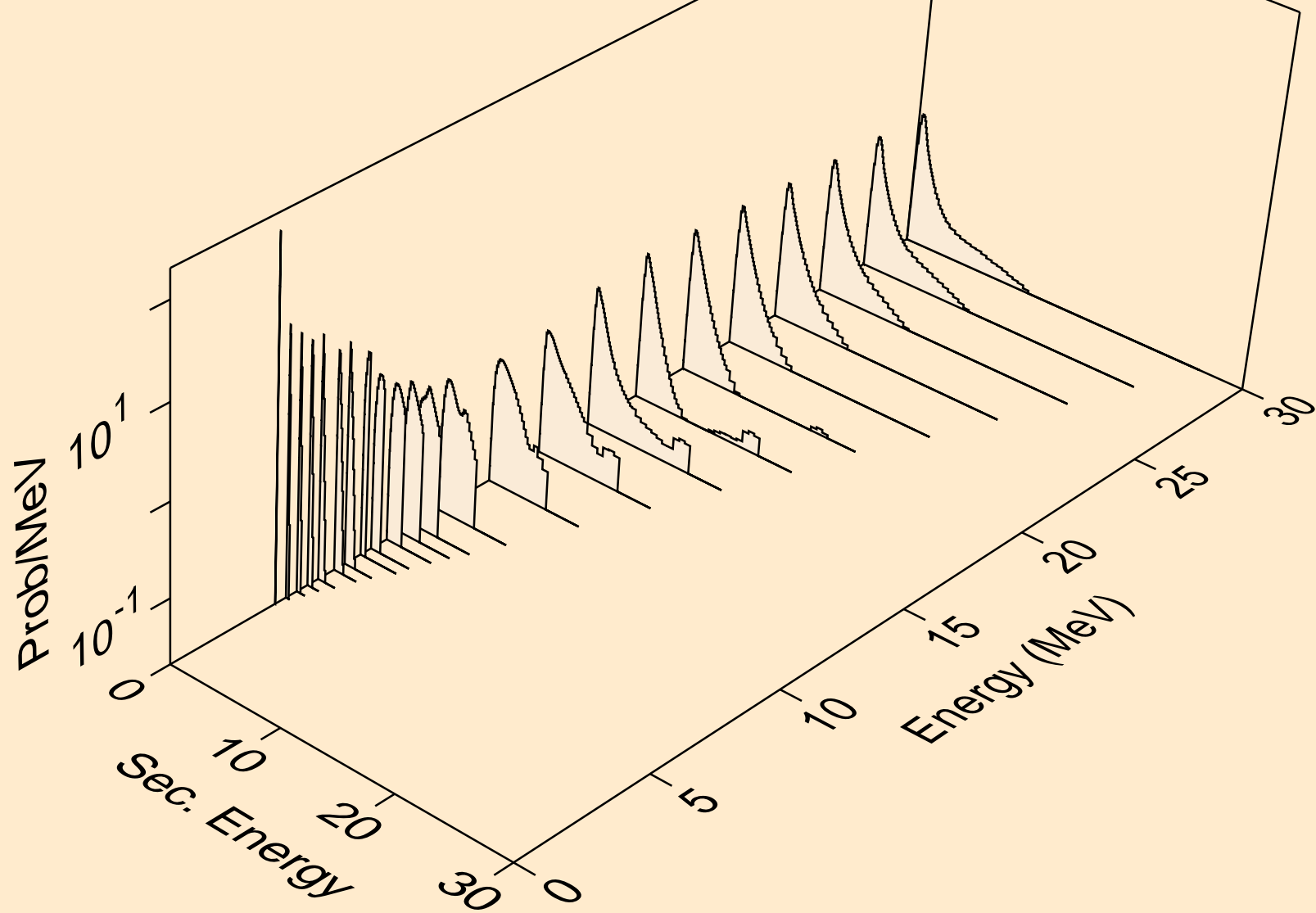
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

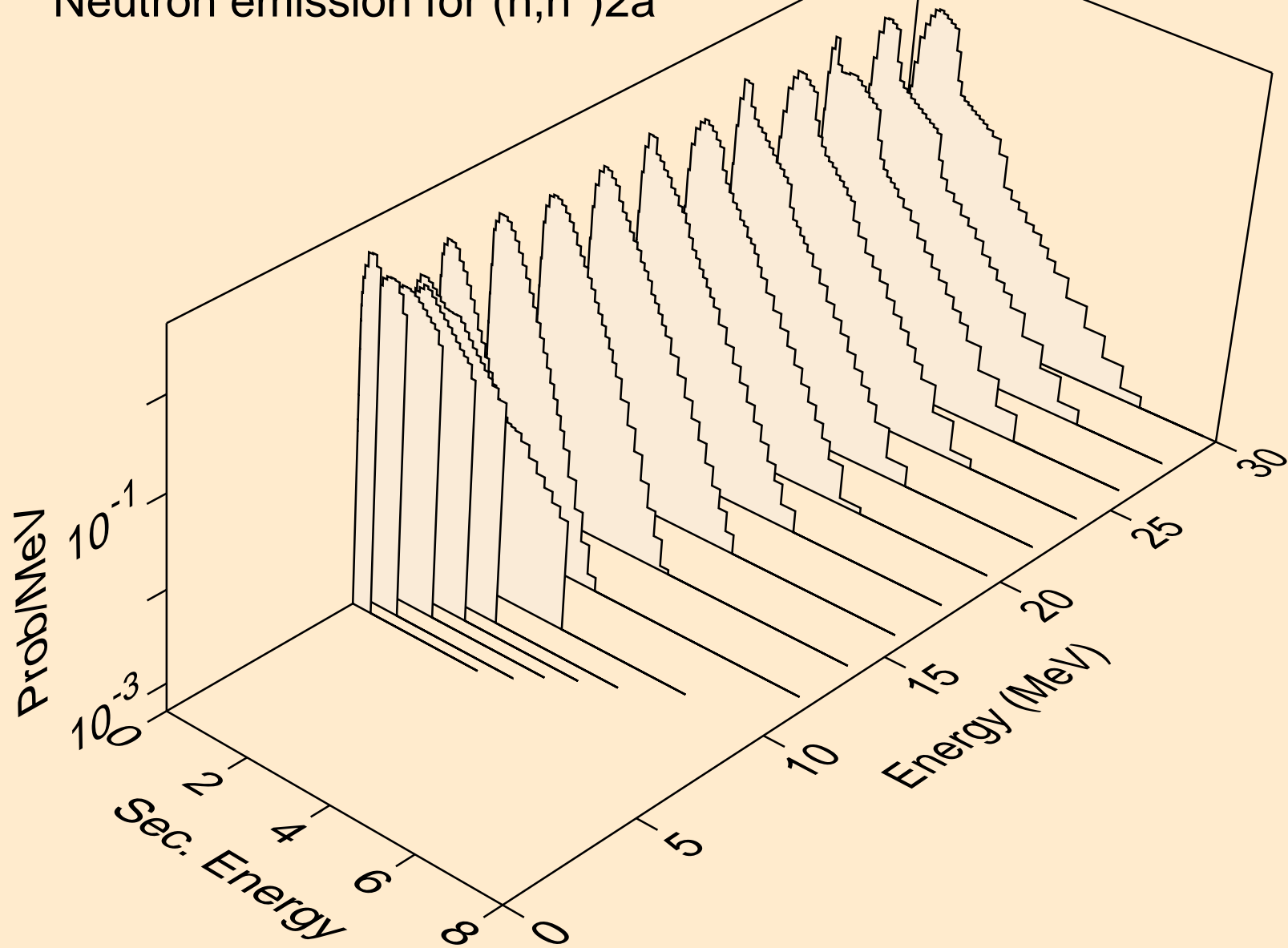


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

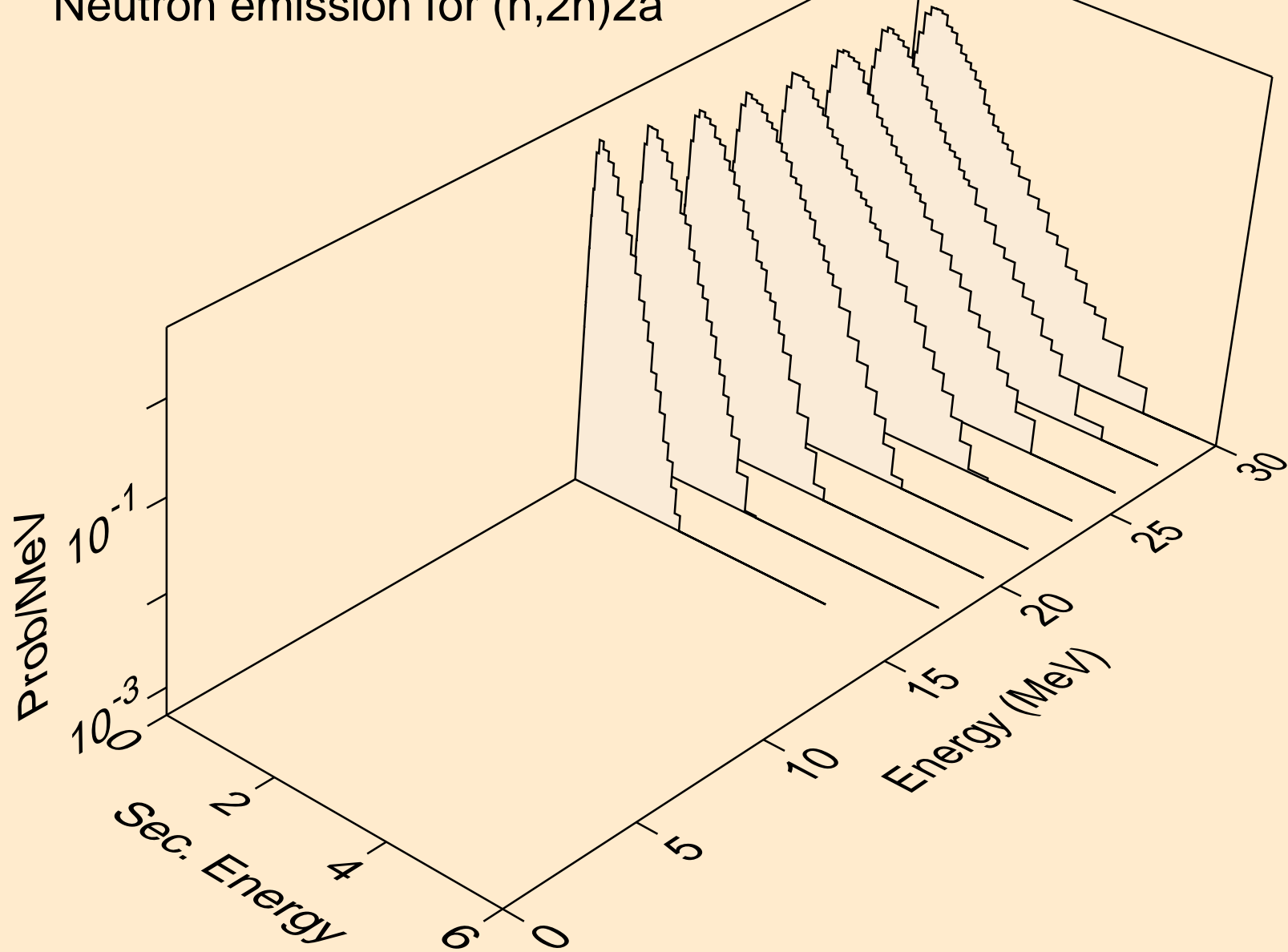




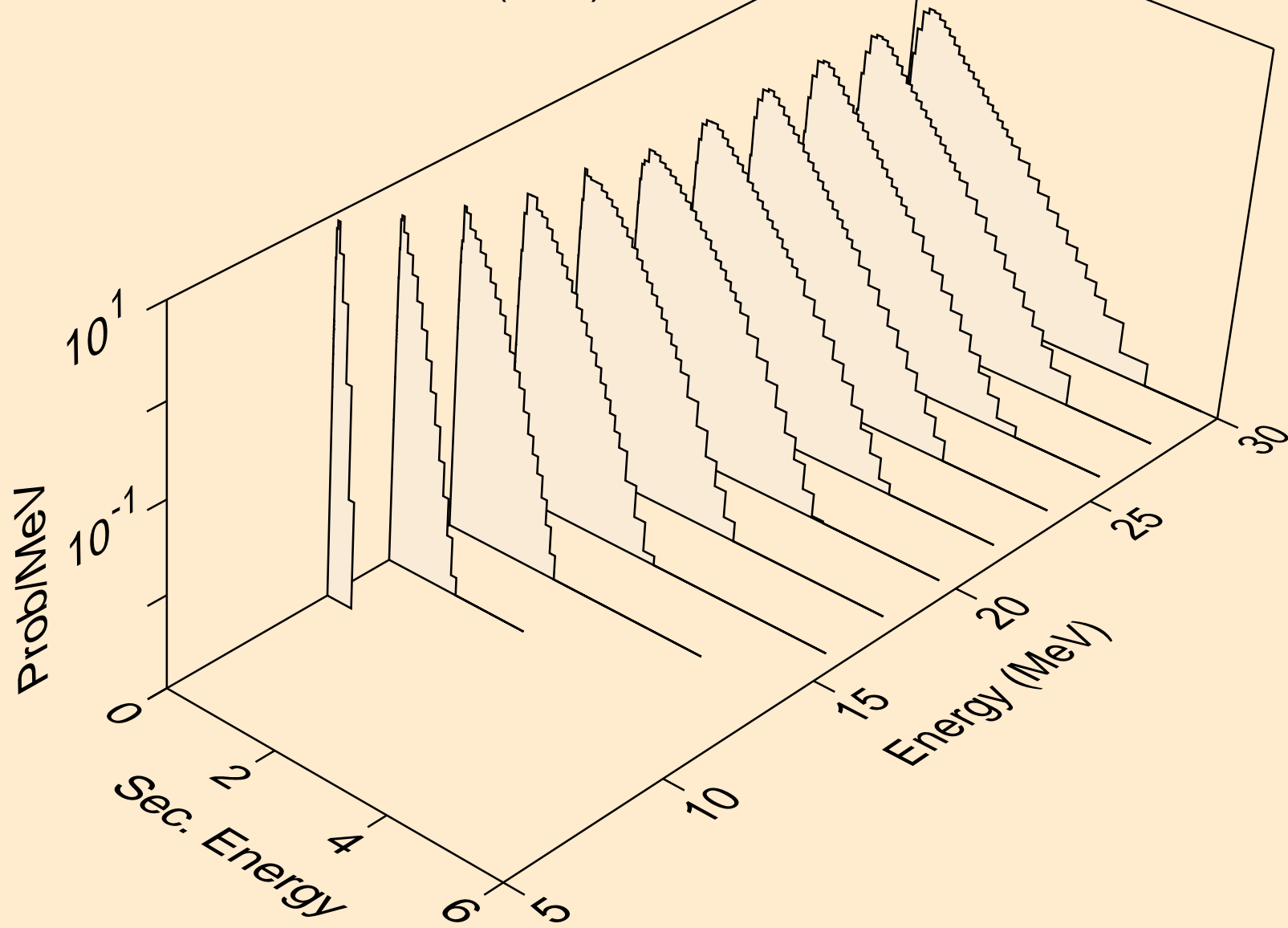
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



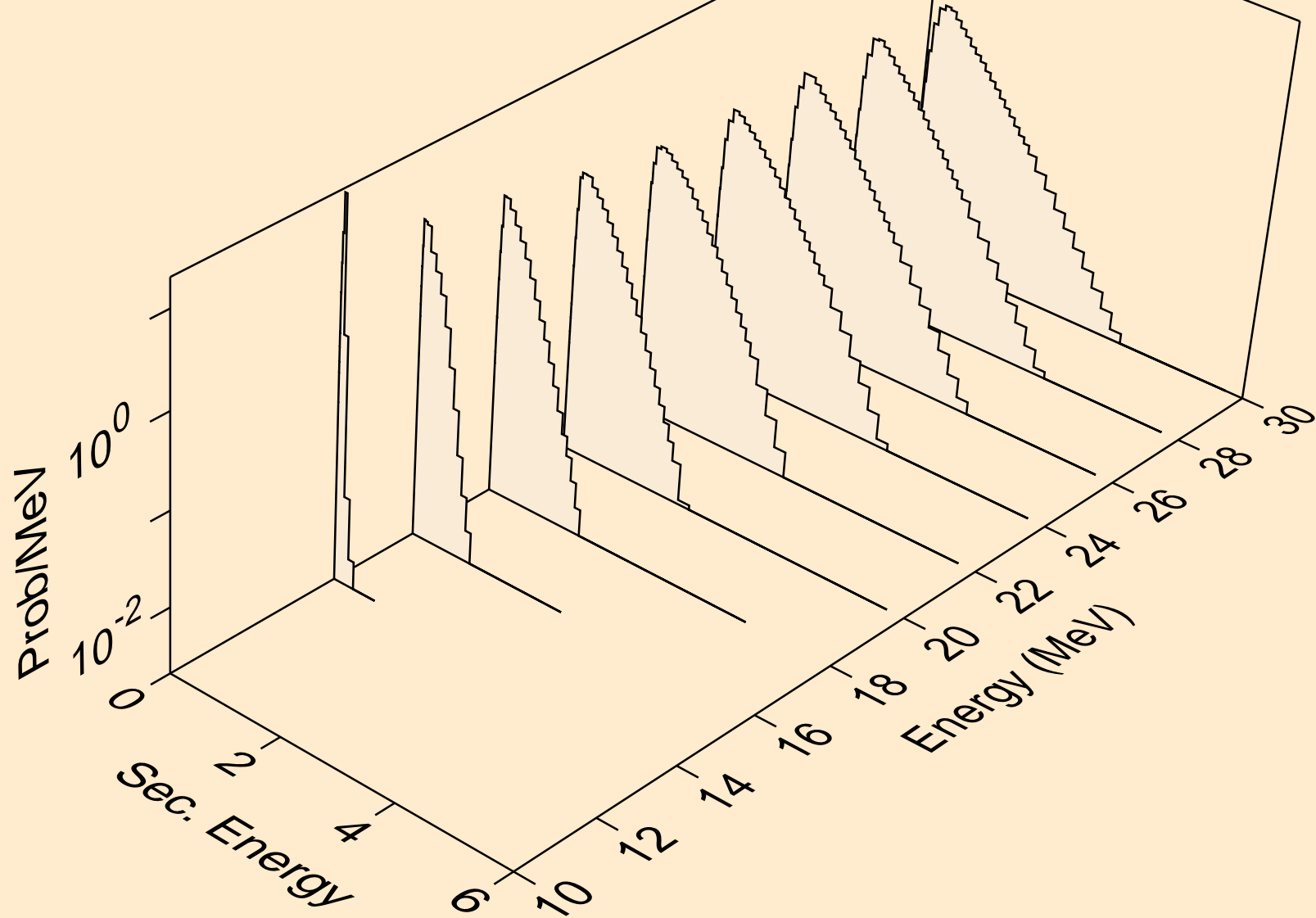
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



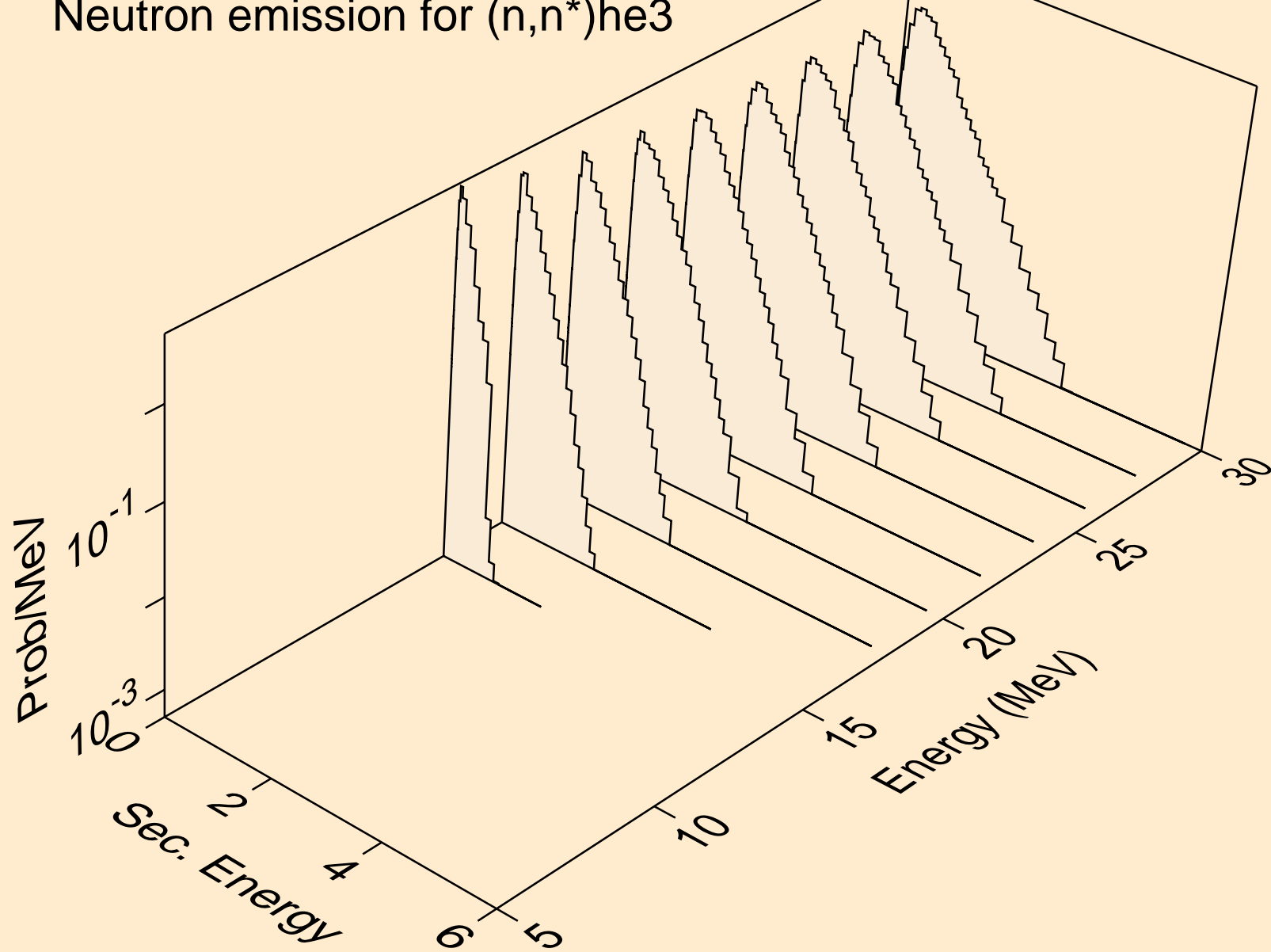
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



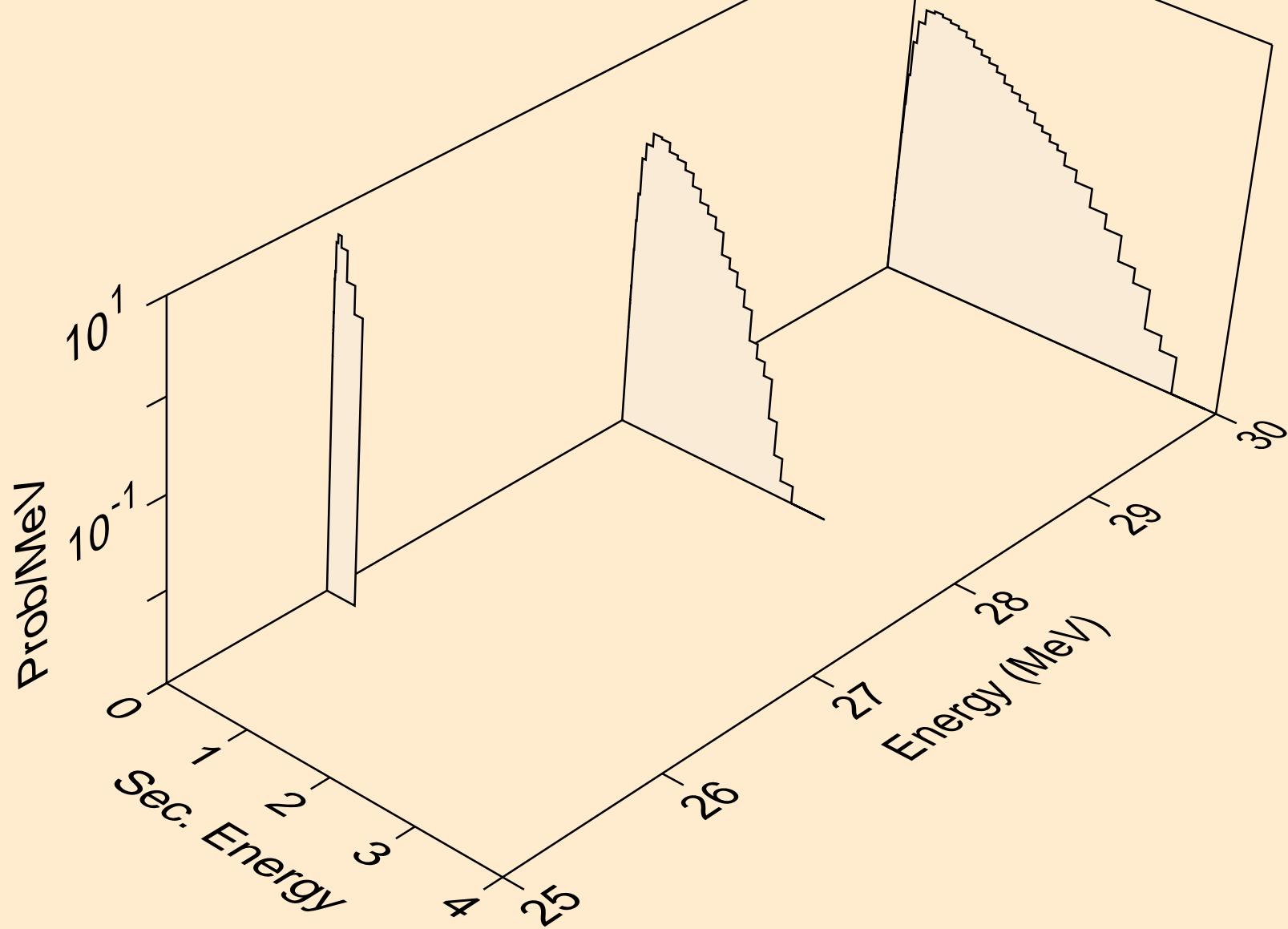
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



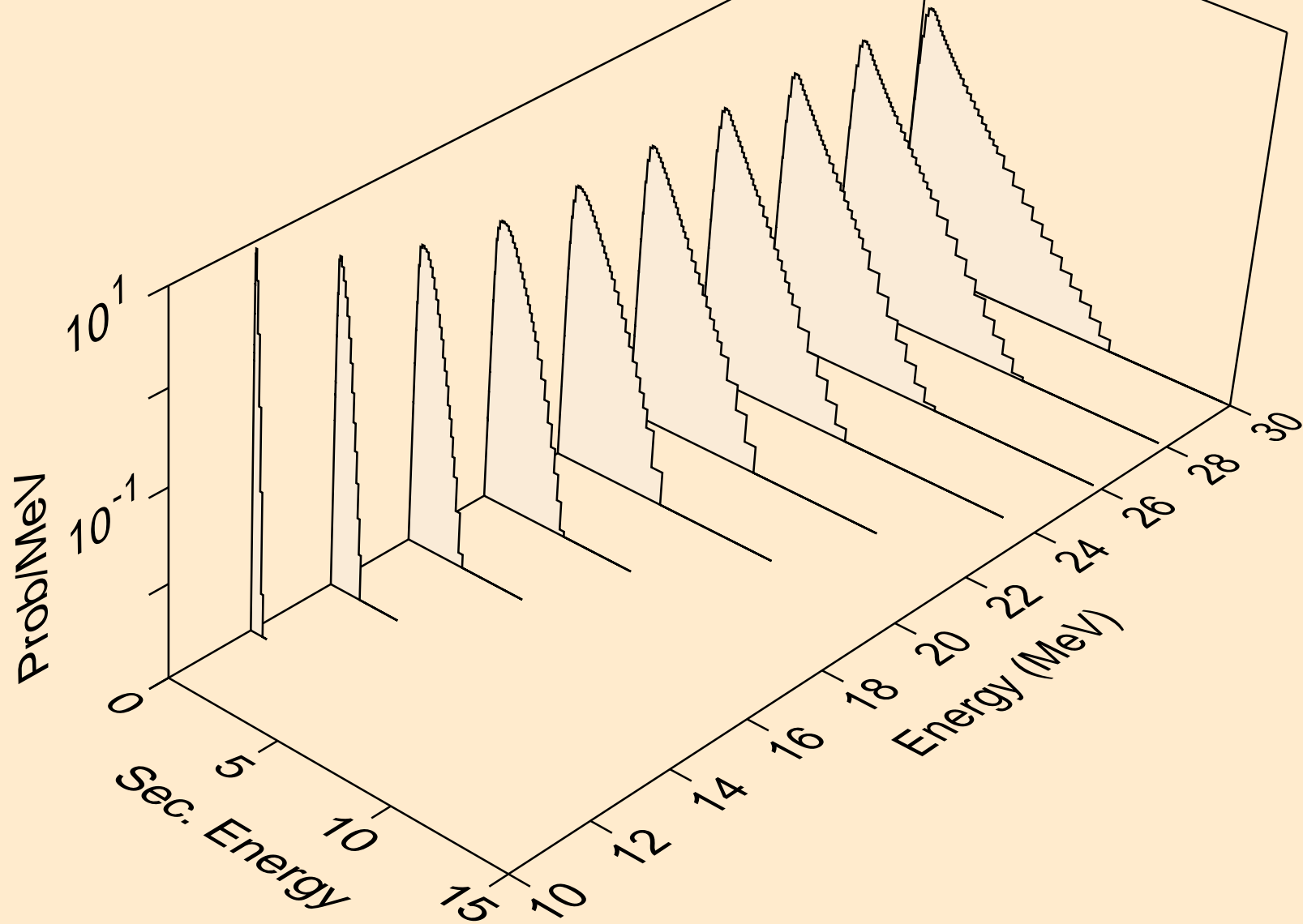
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



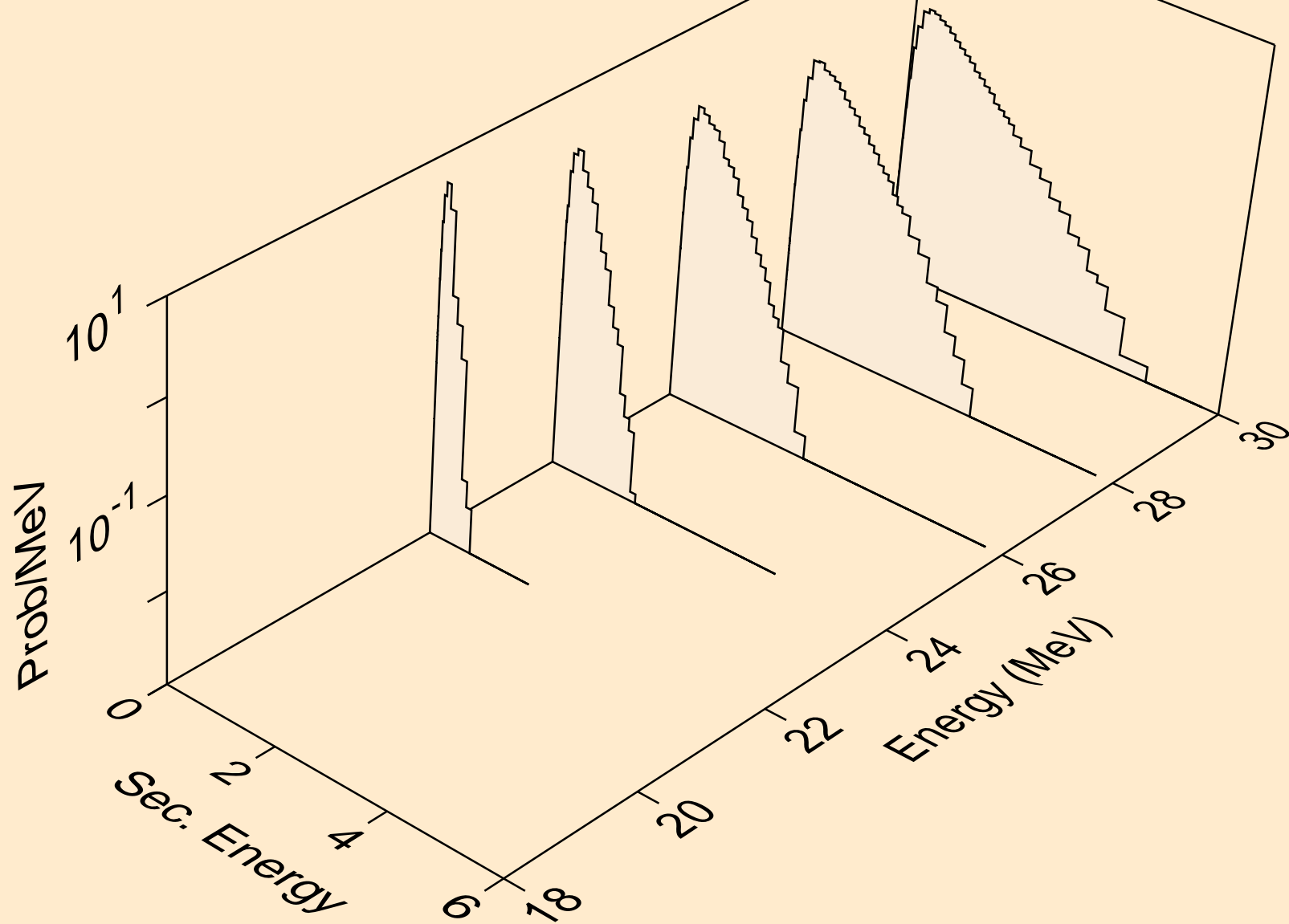
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

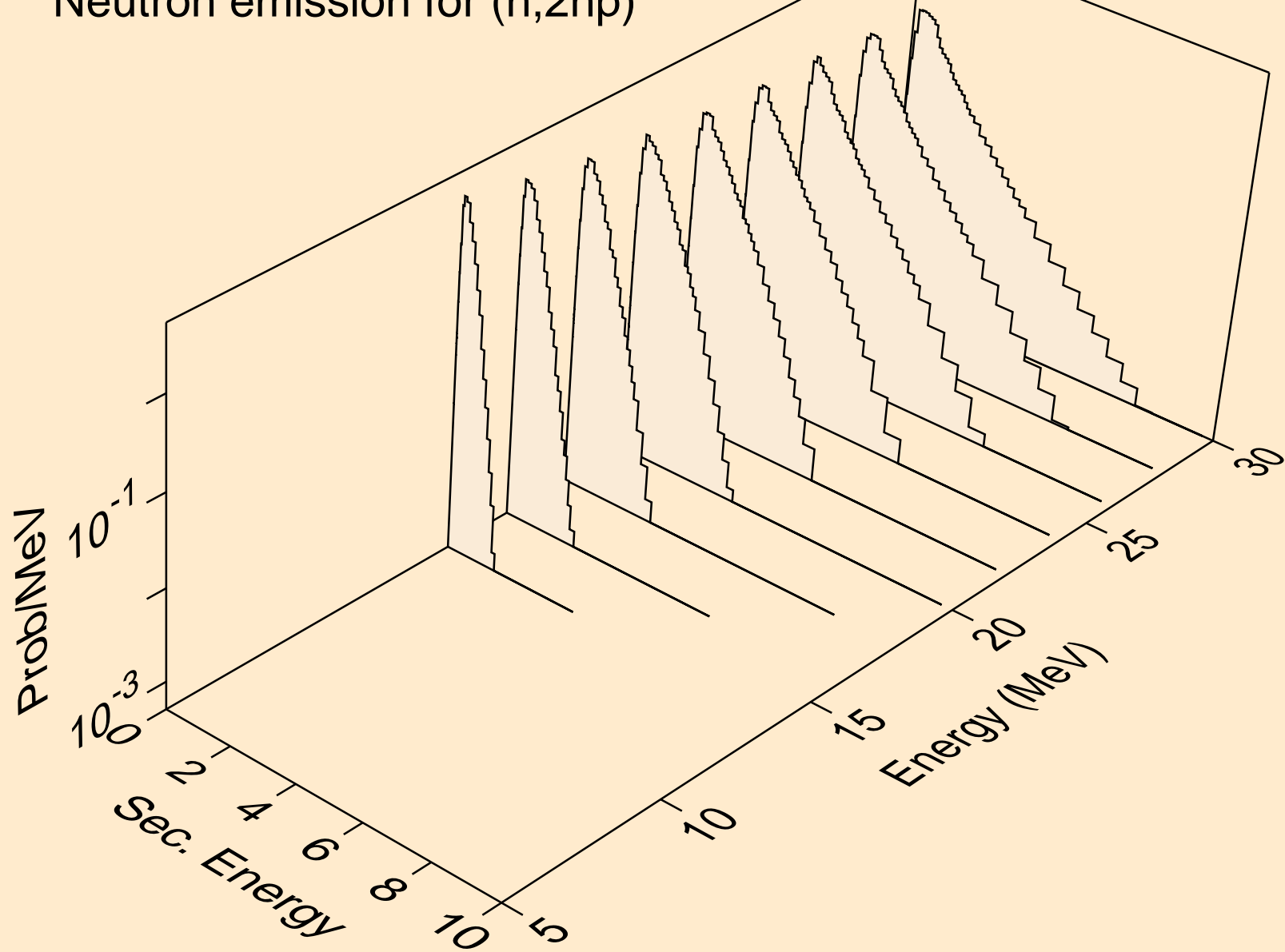


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

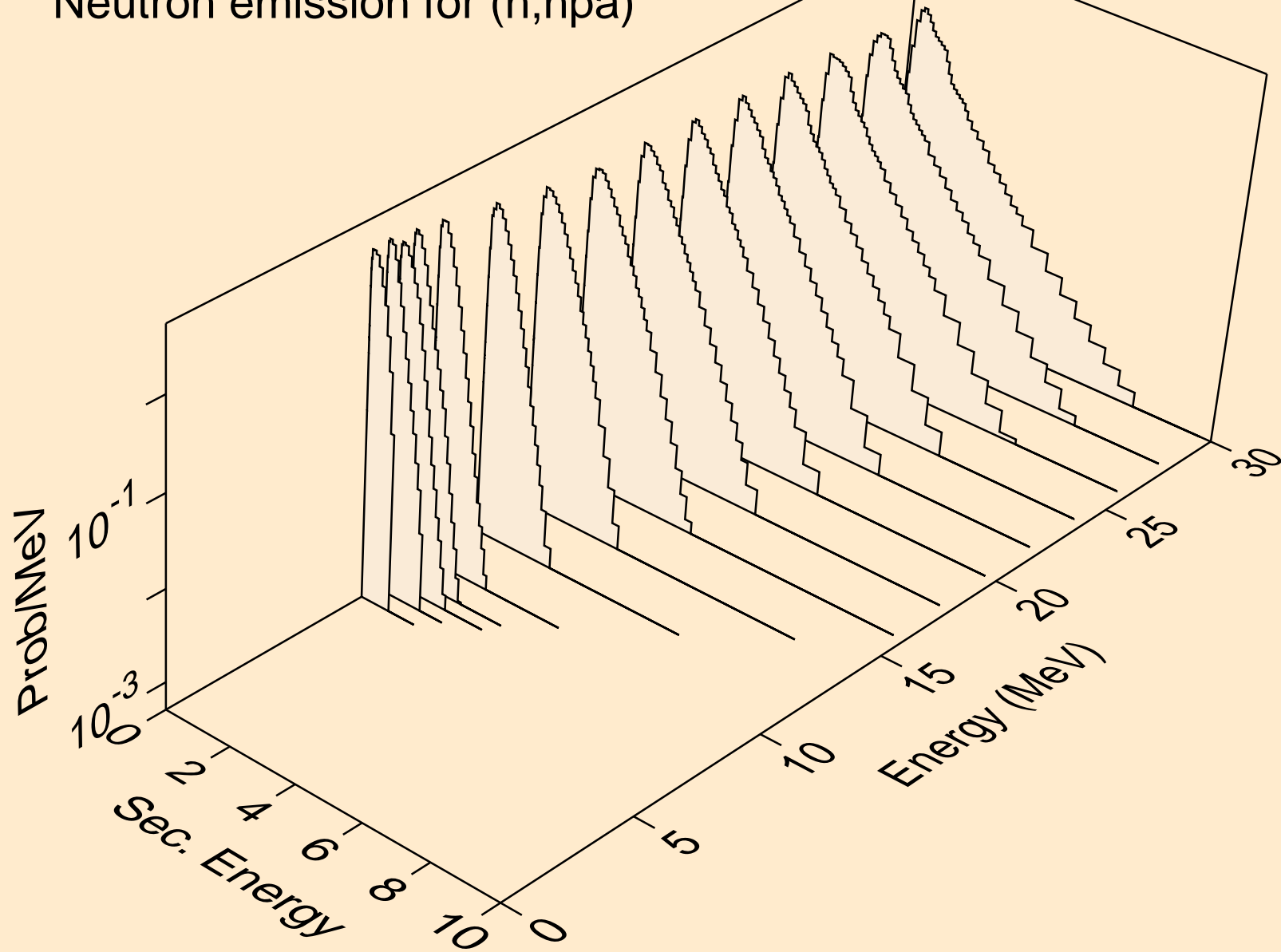




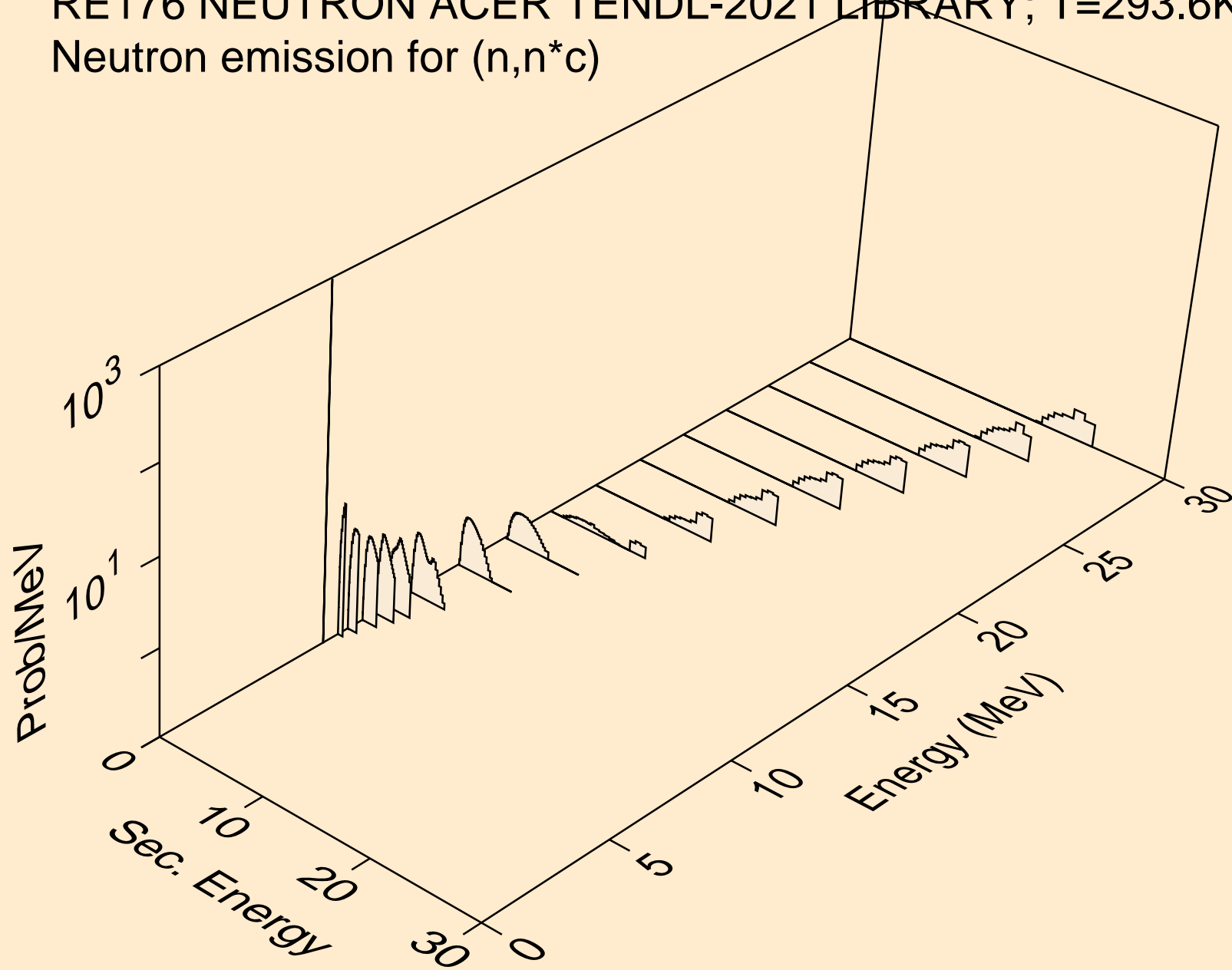
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



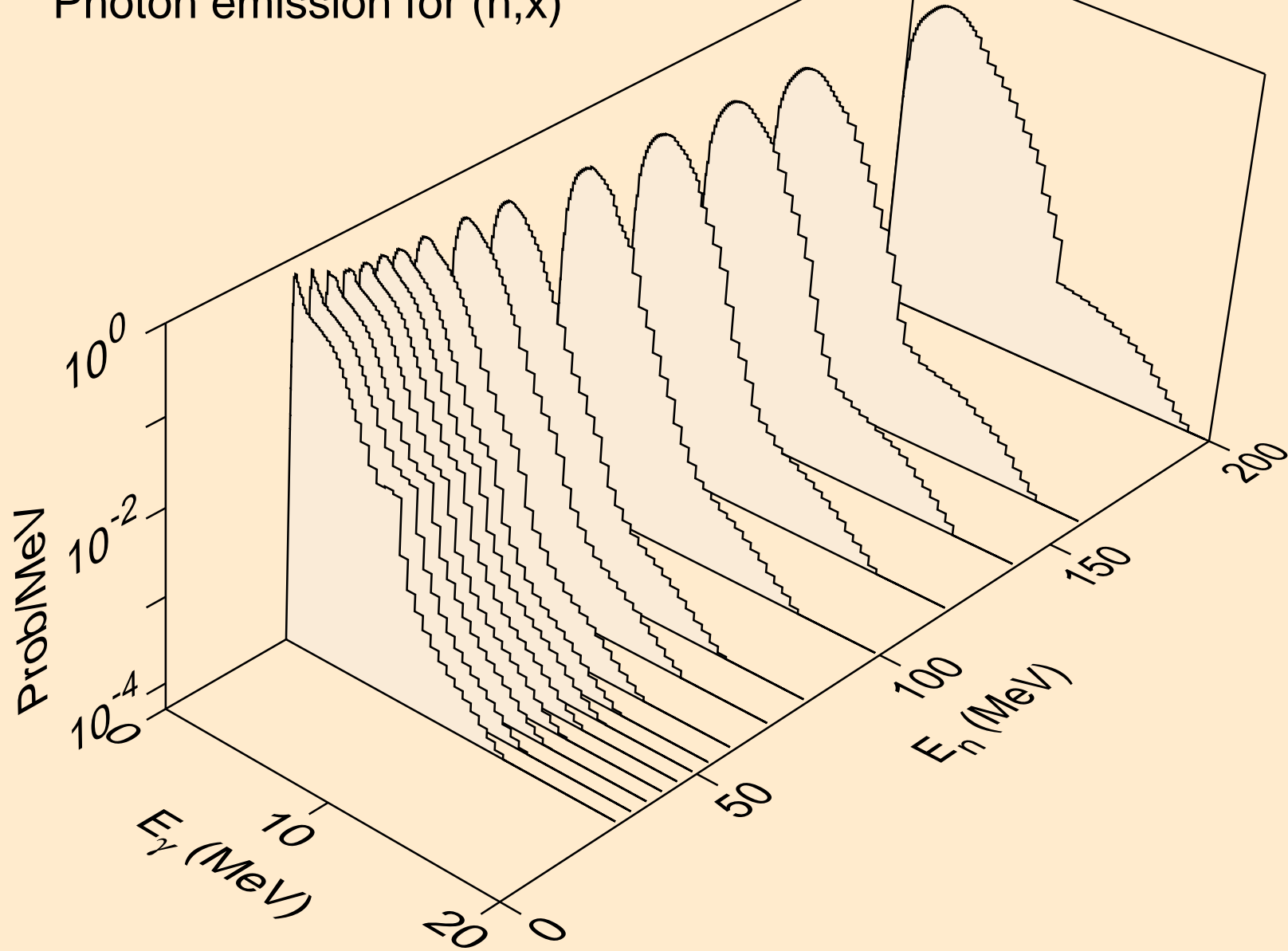
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



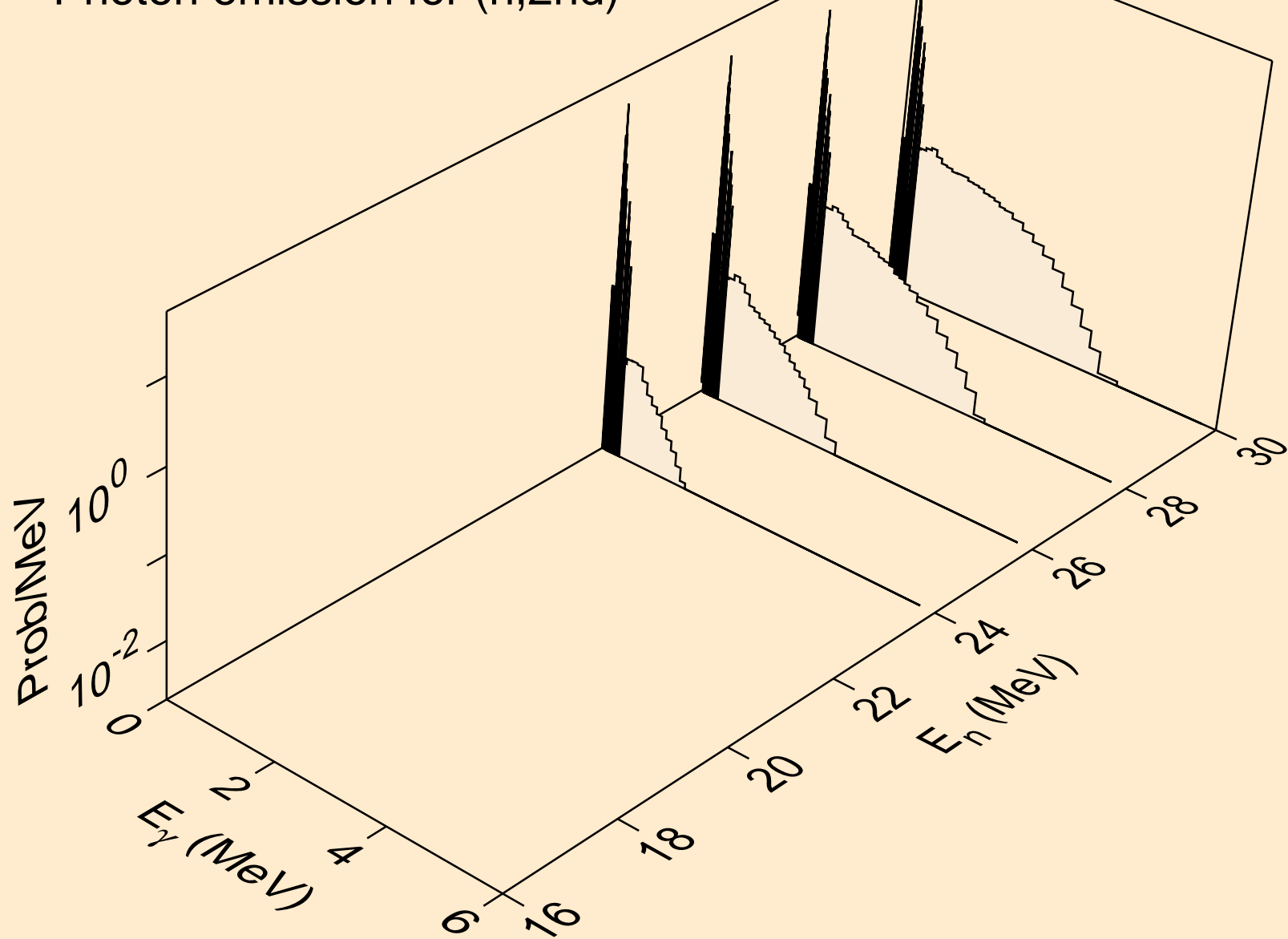
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



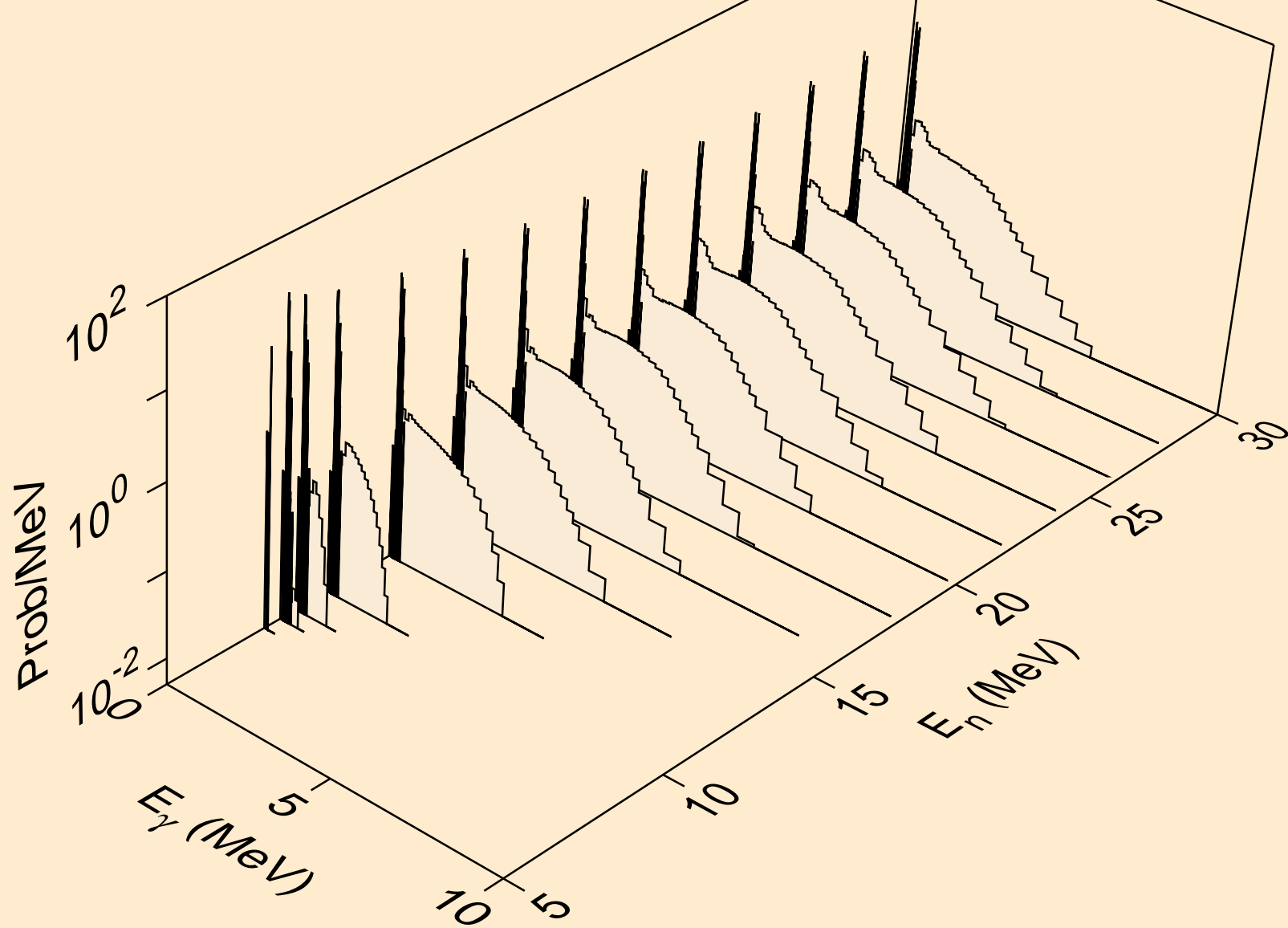
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



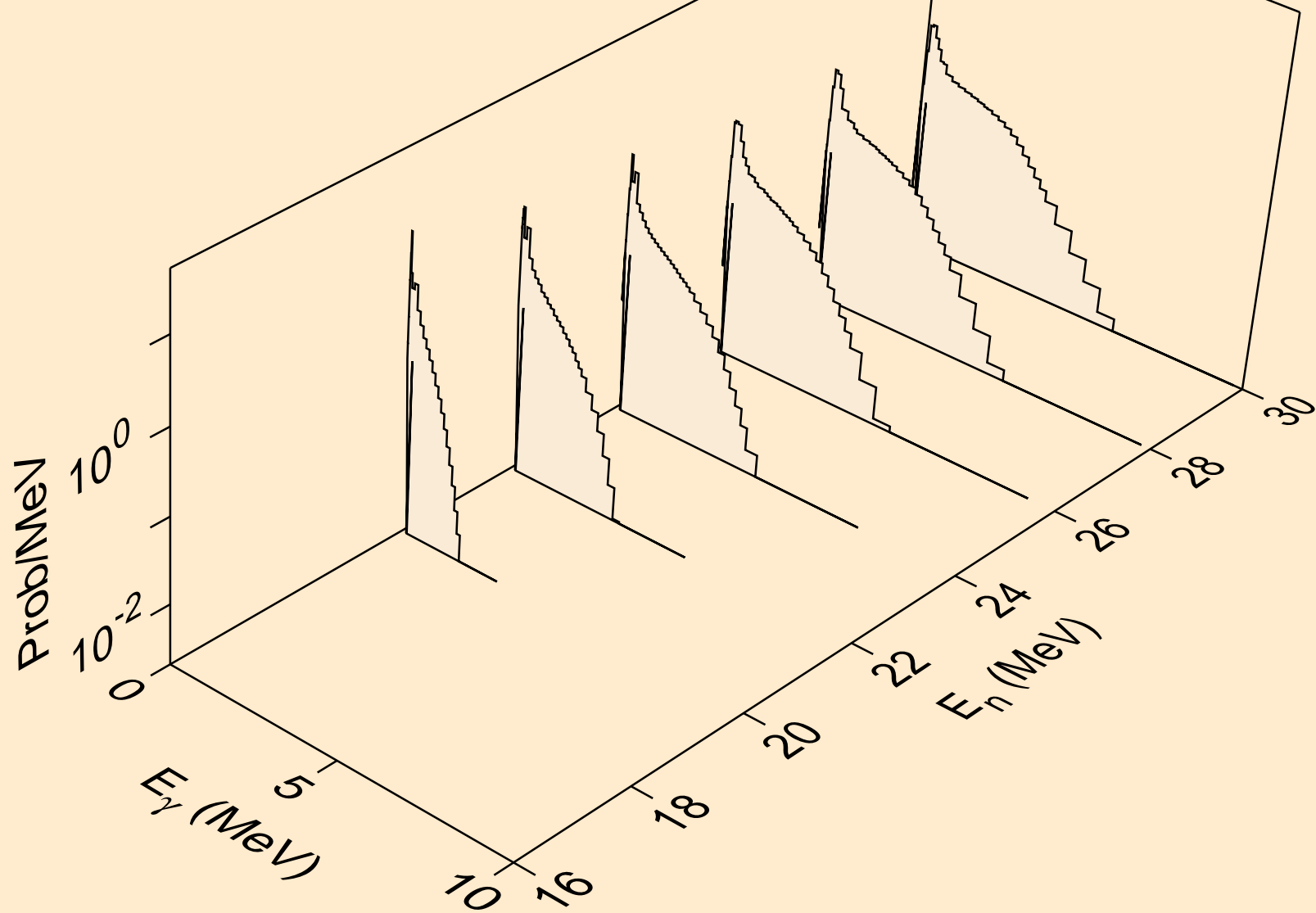
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



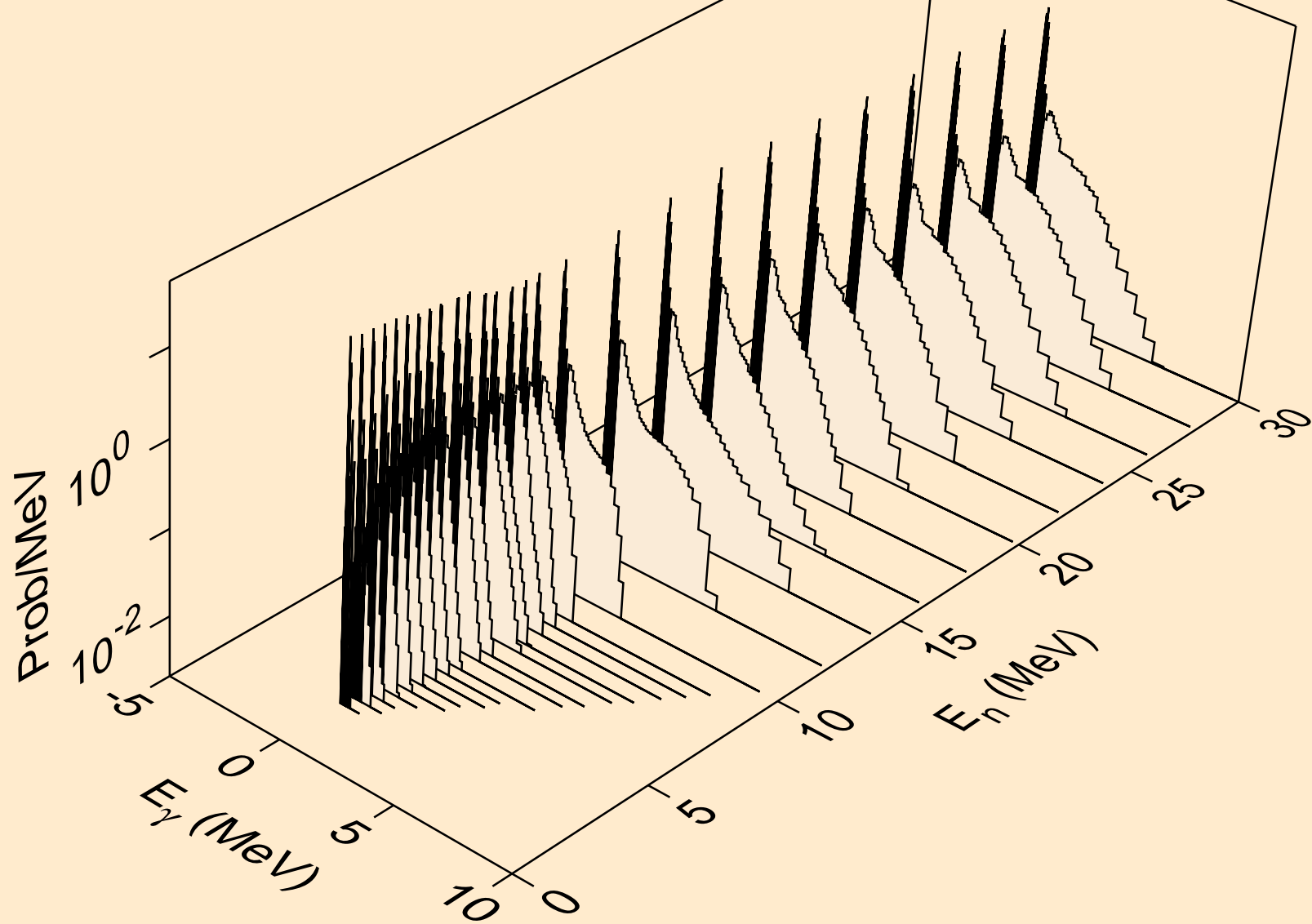
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

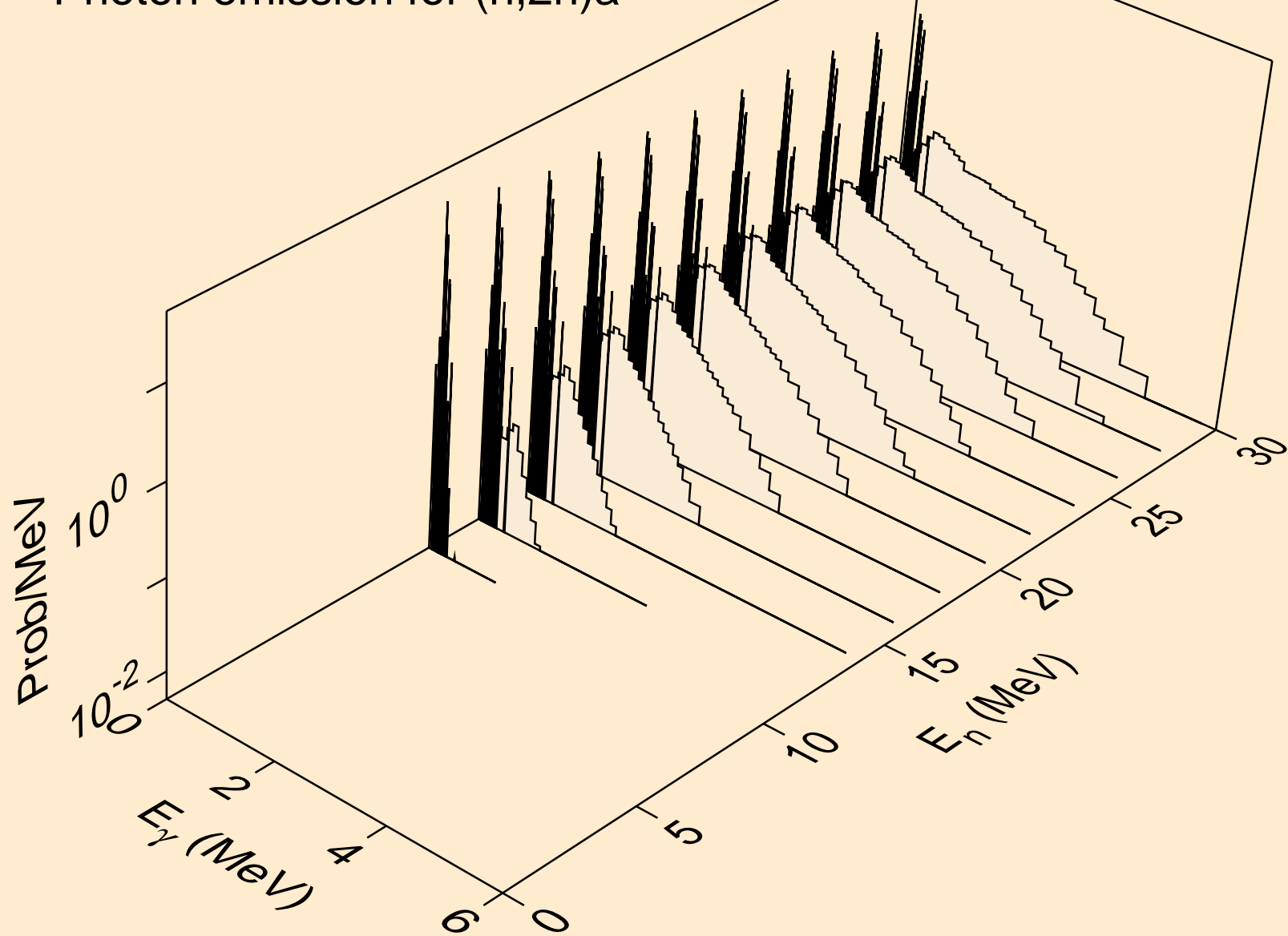


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

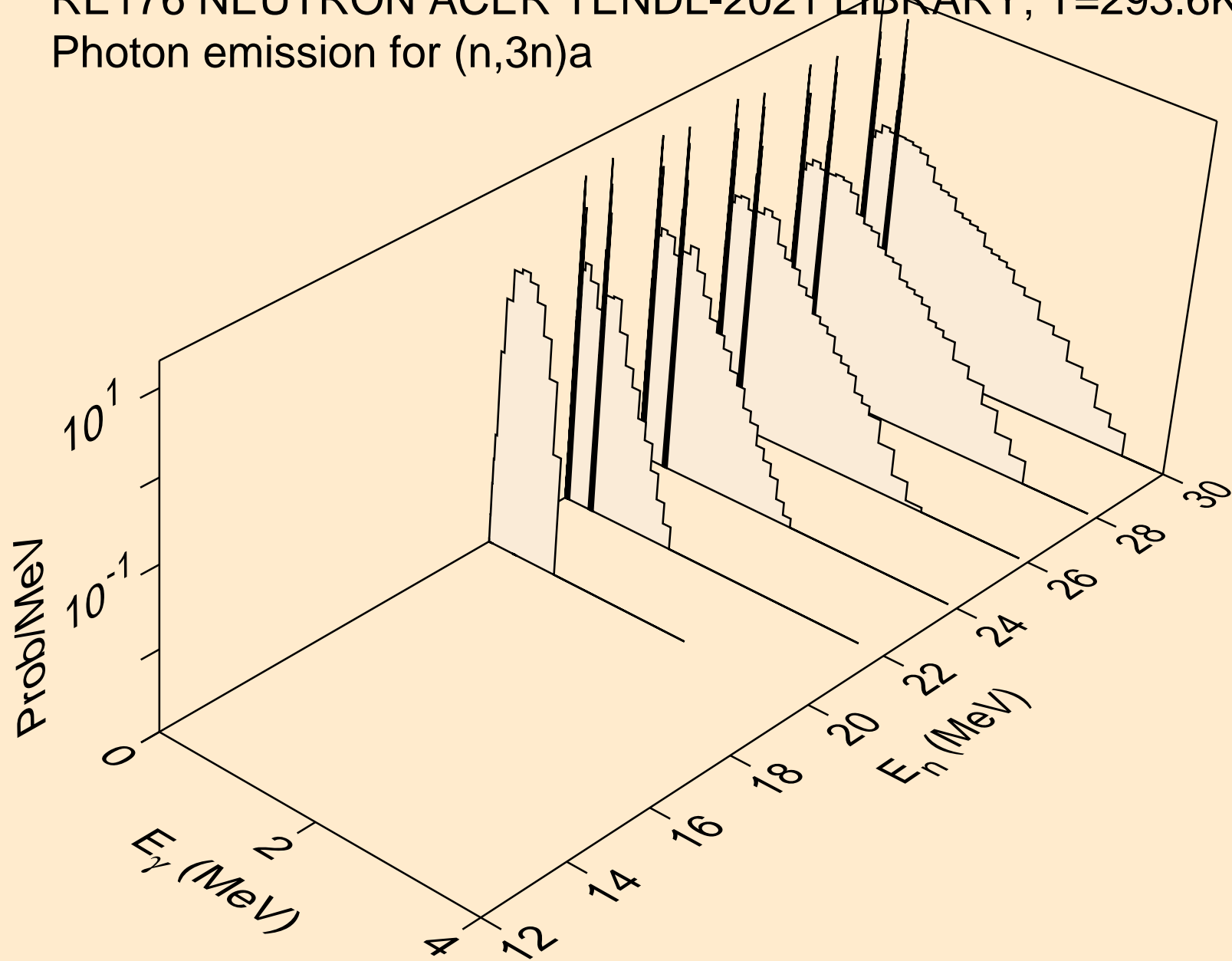




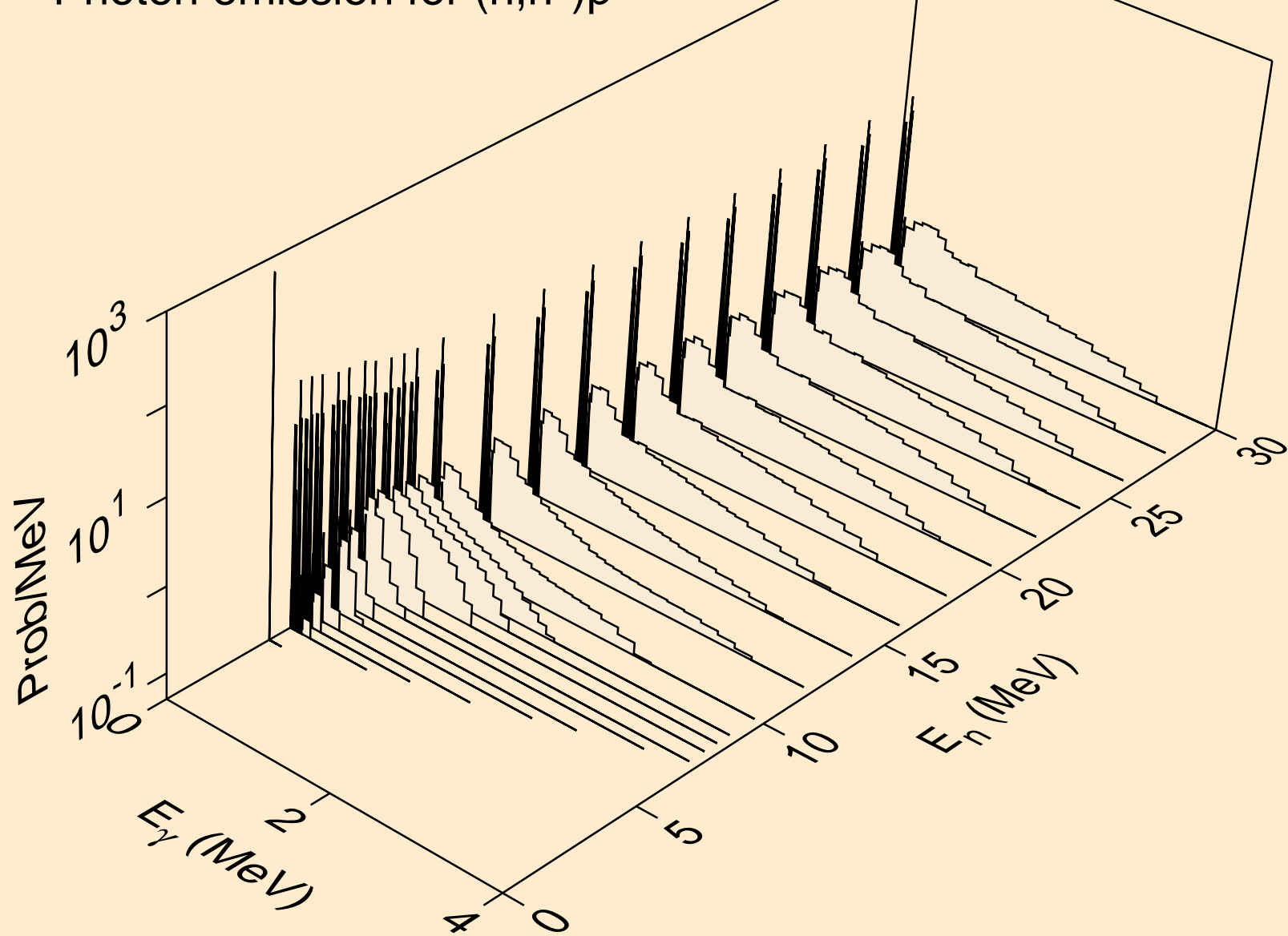
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



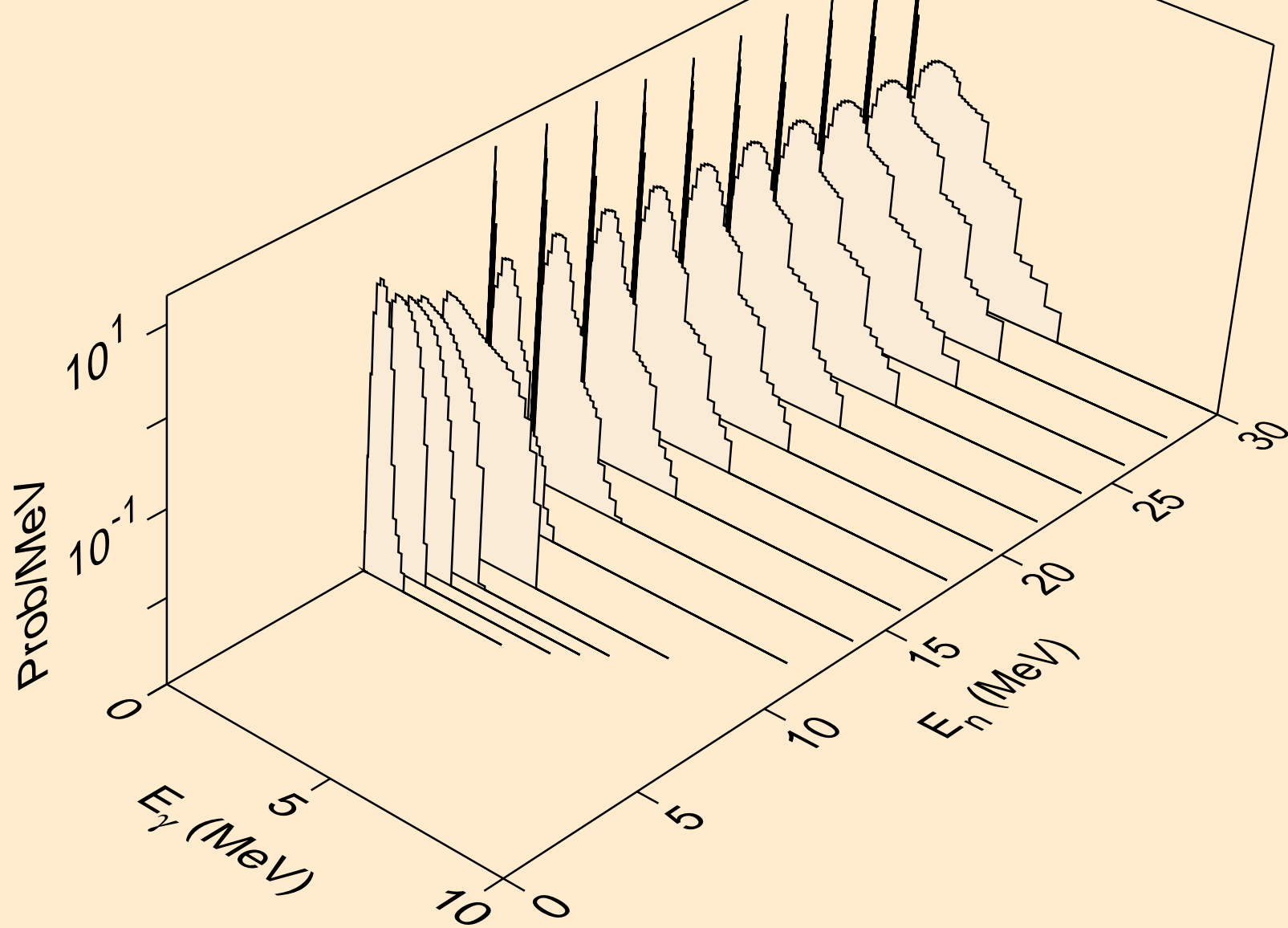
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



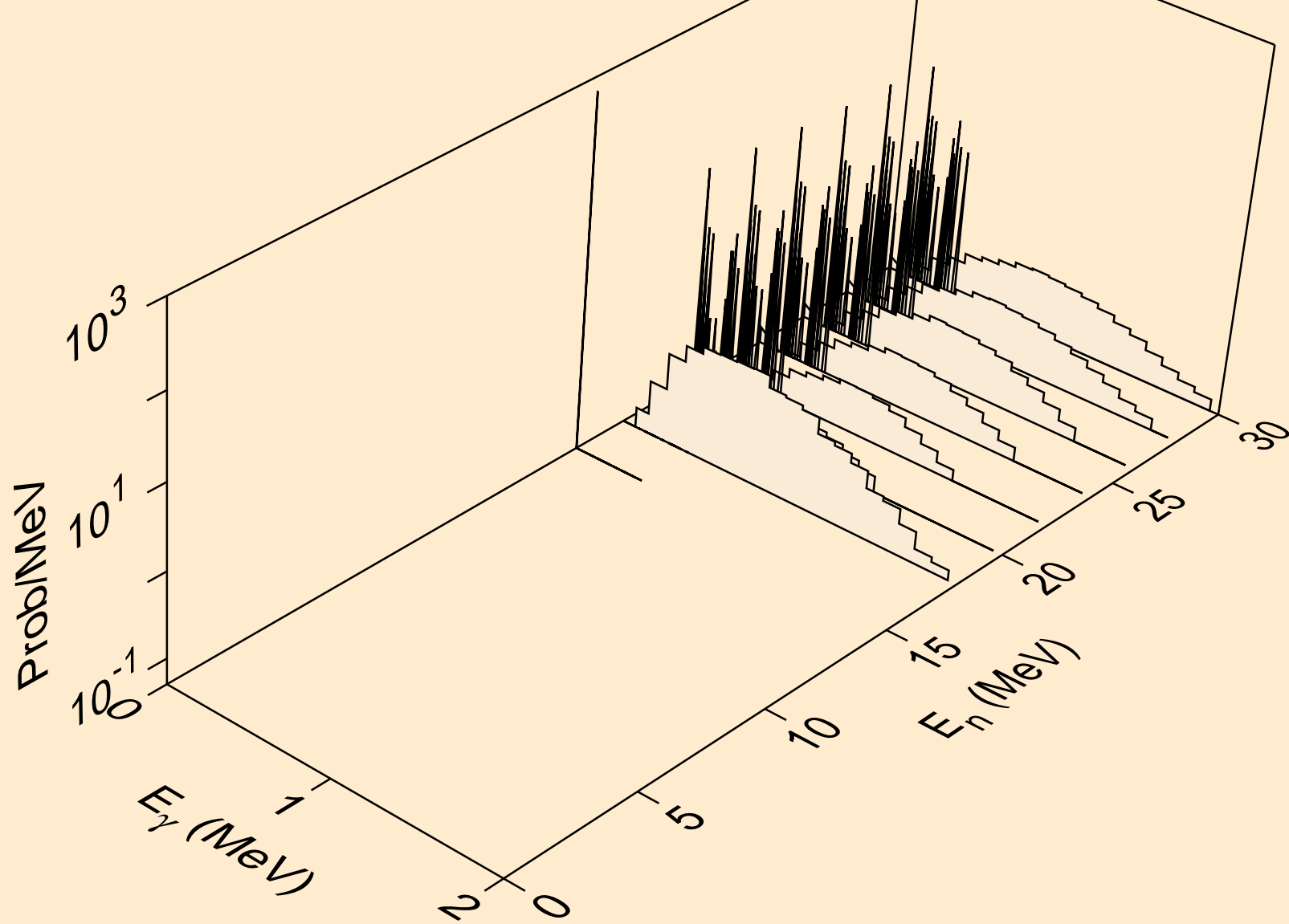
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



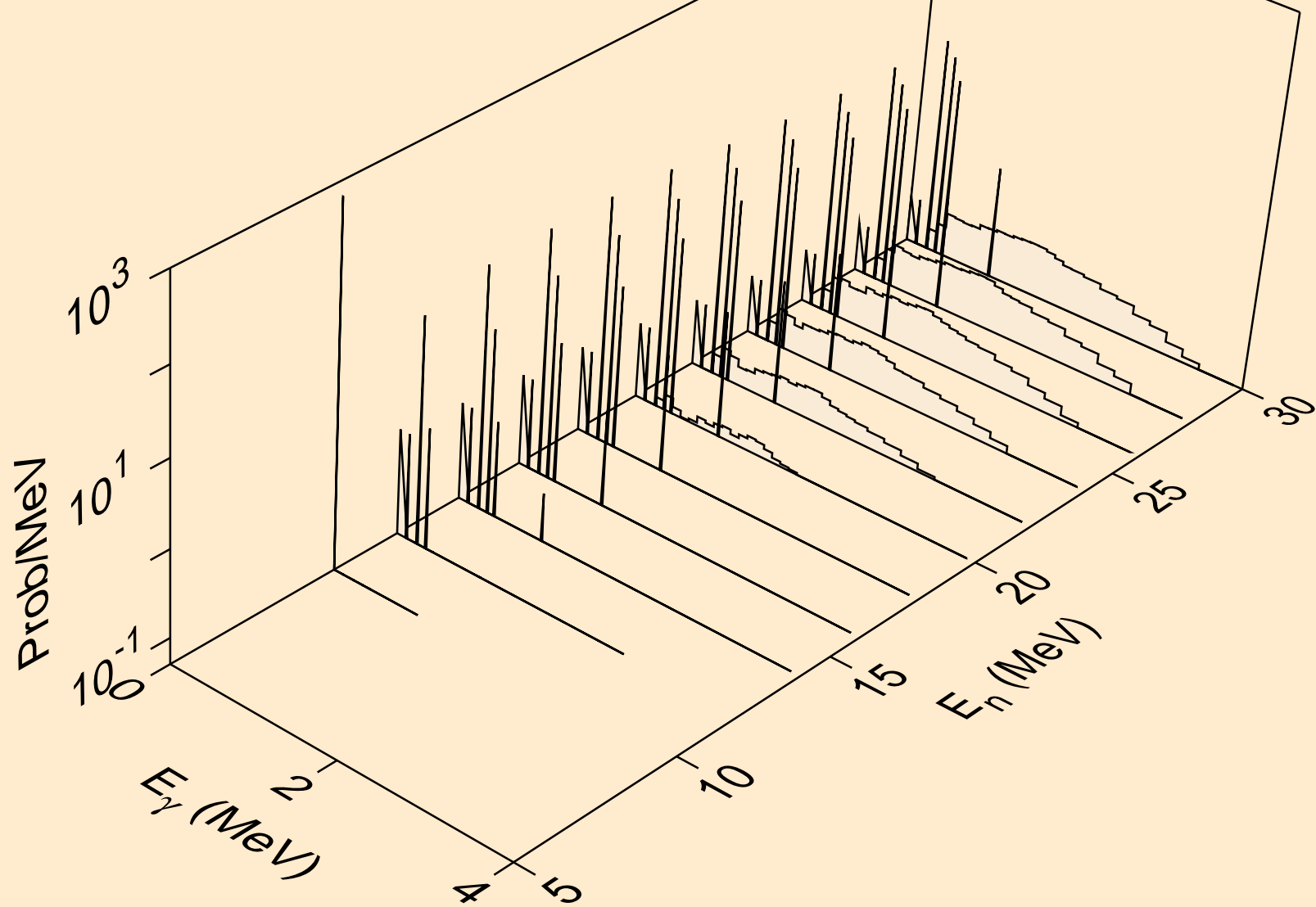
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Photon emission for (n,n\*)2a



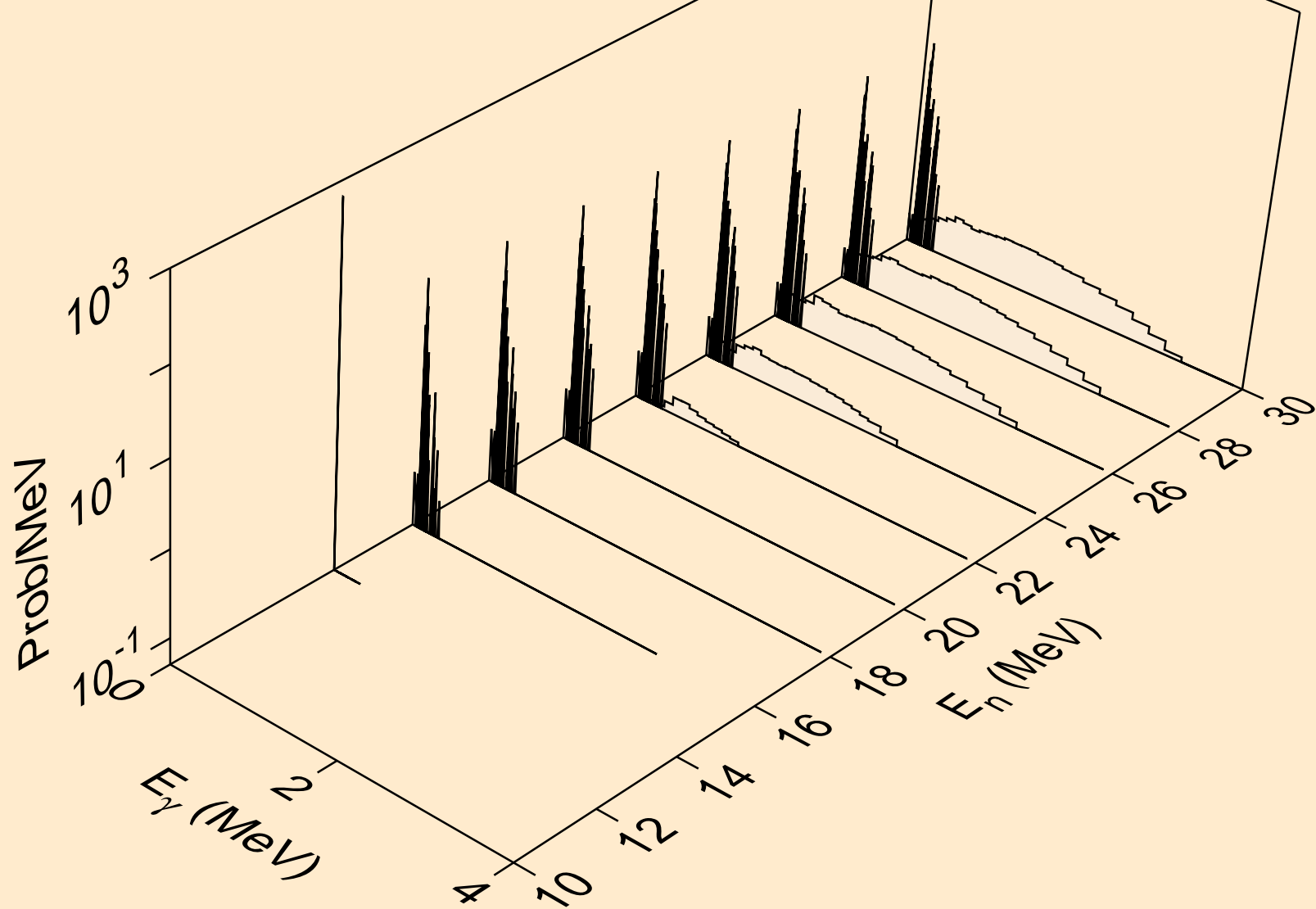
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



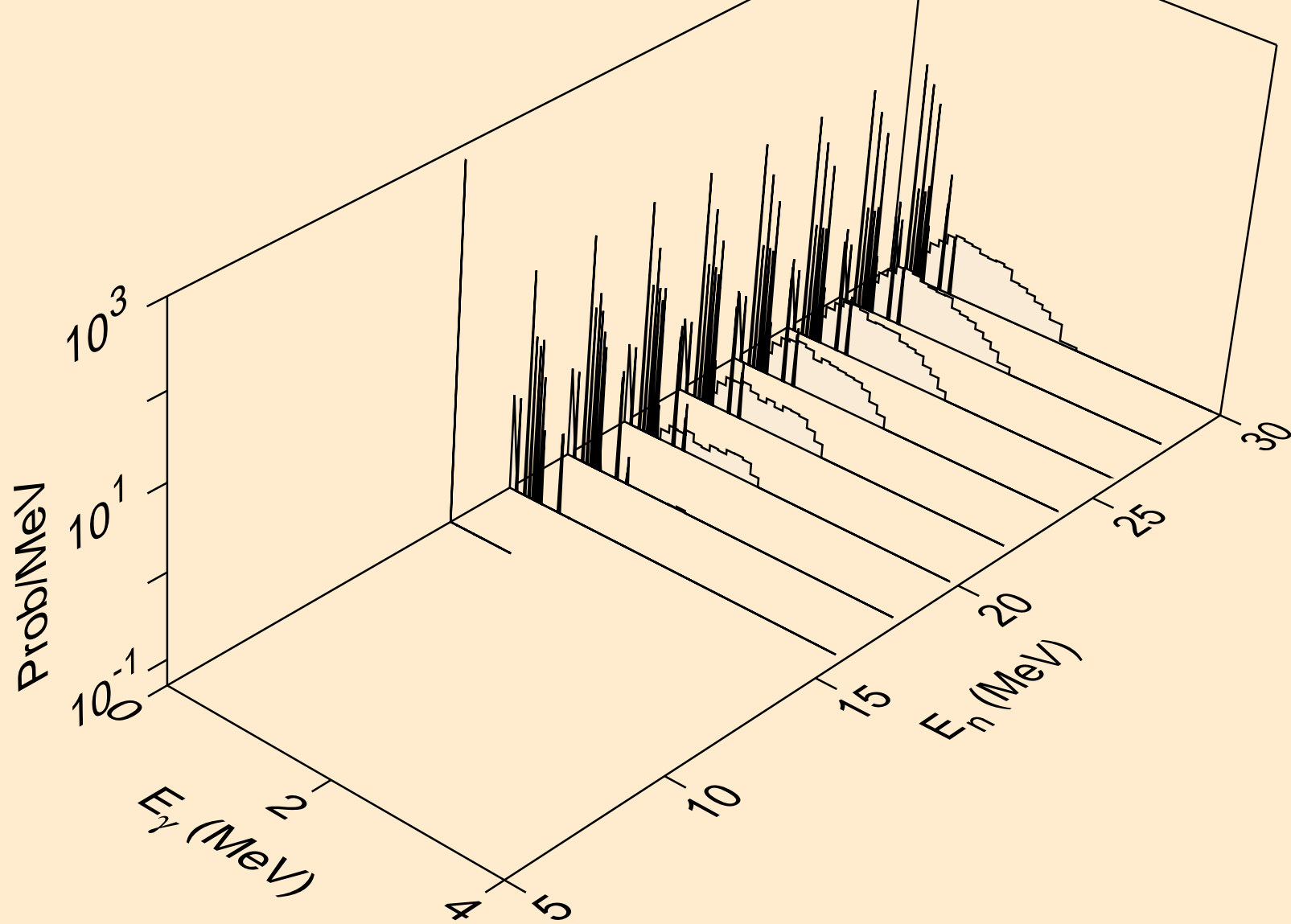
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

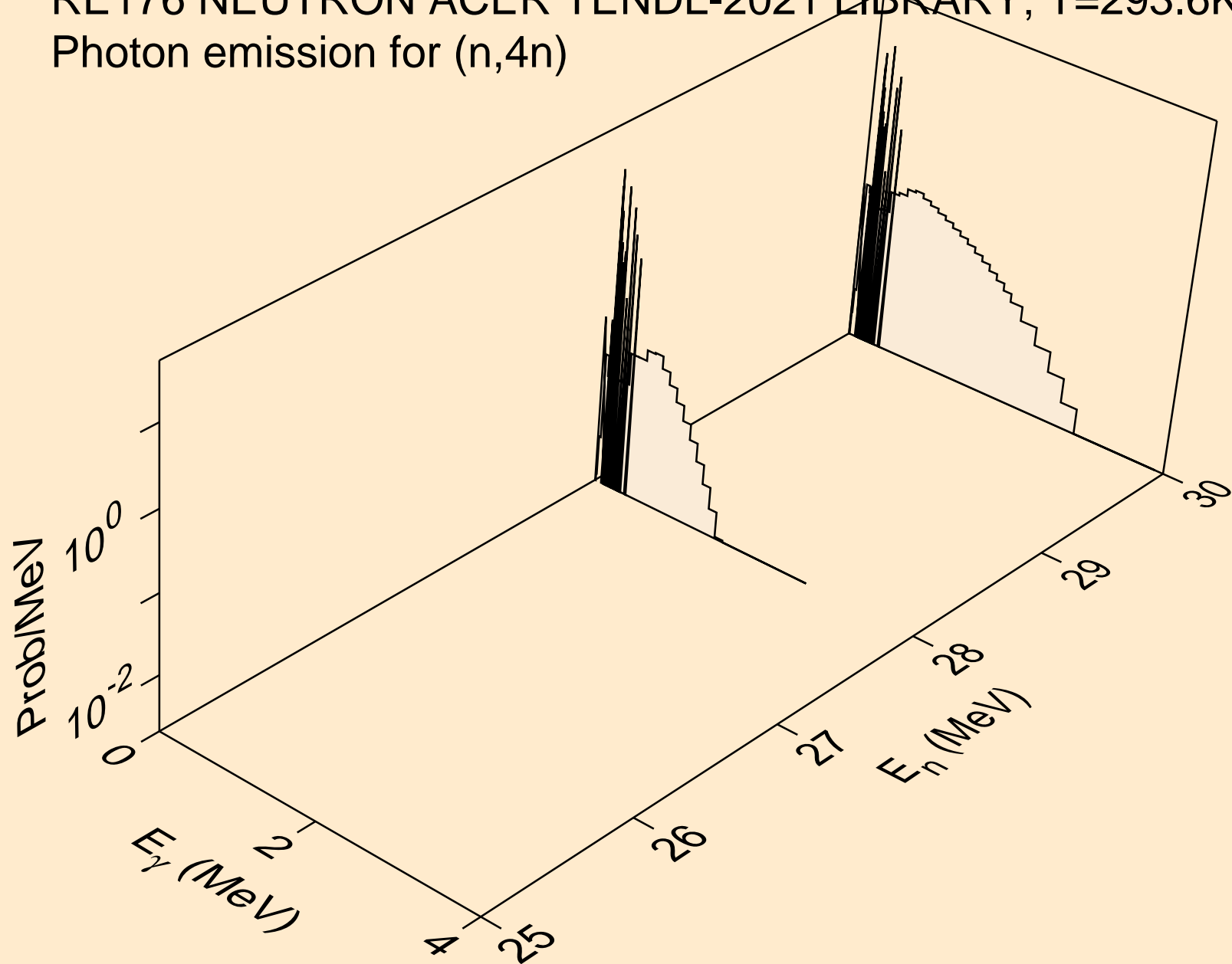


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

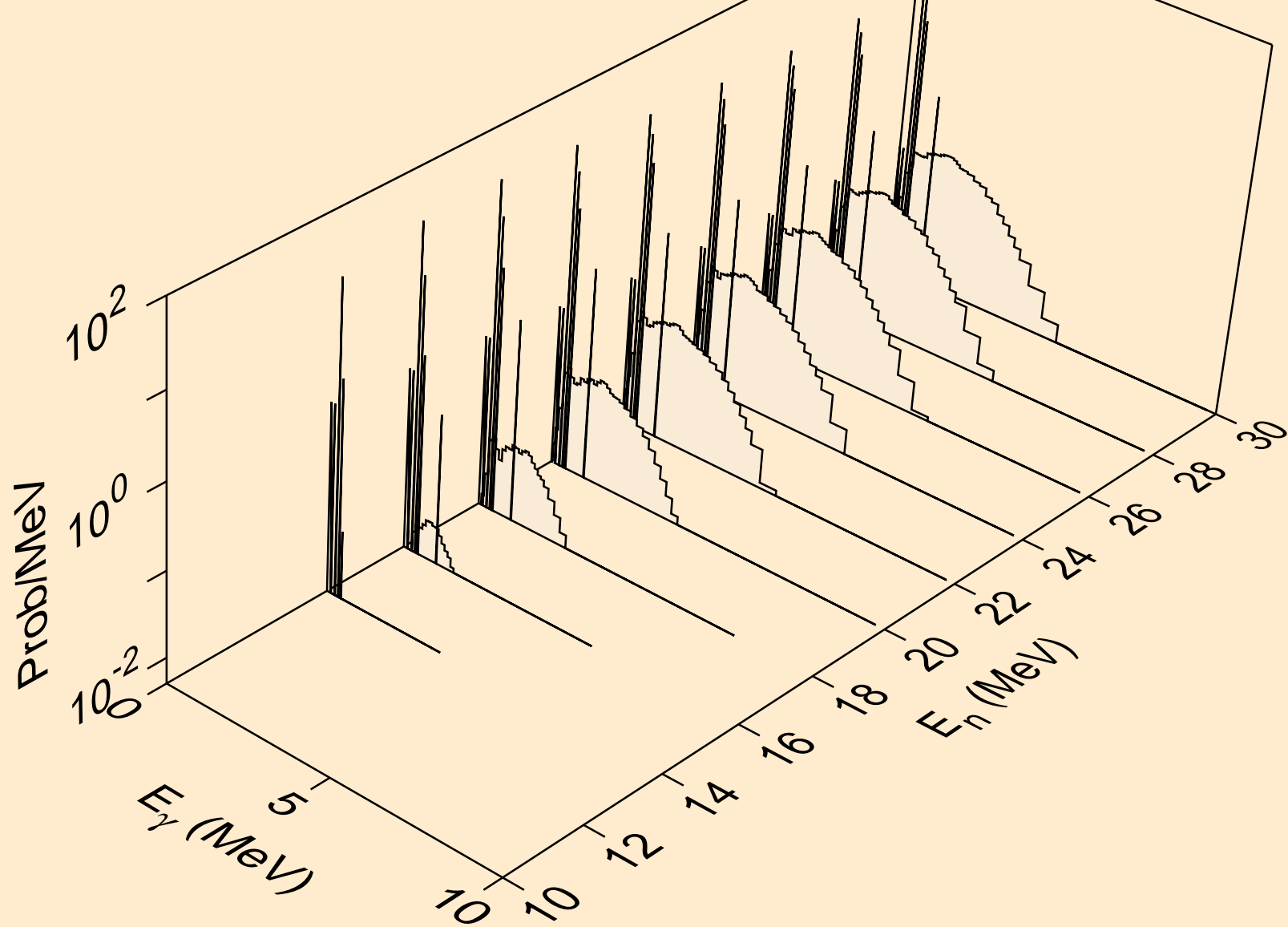




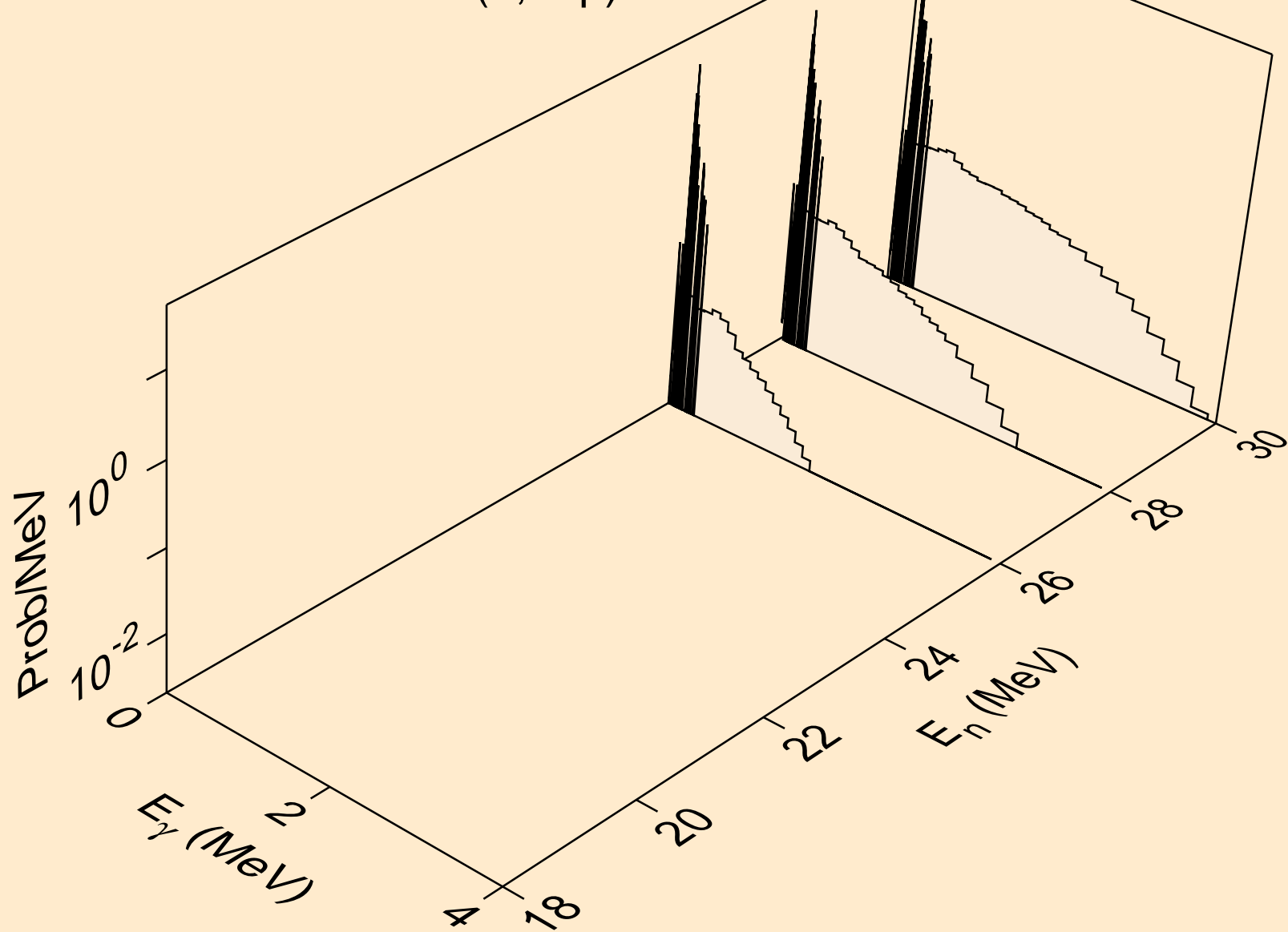
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



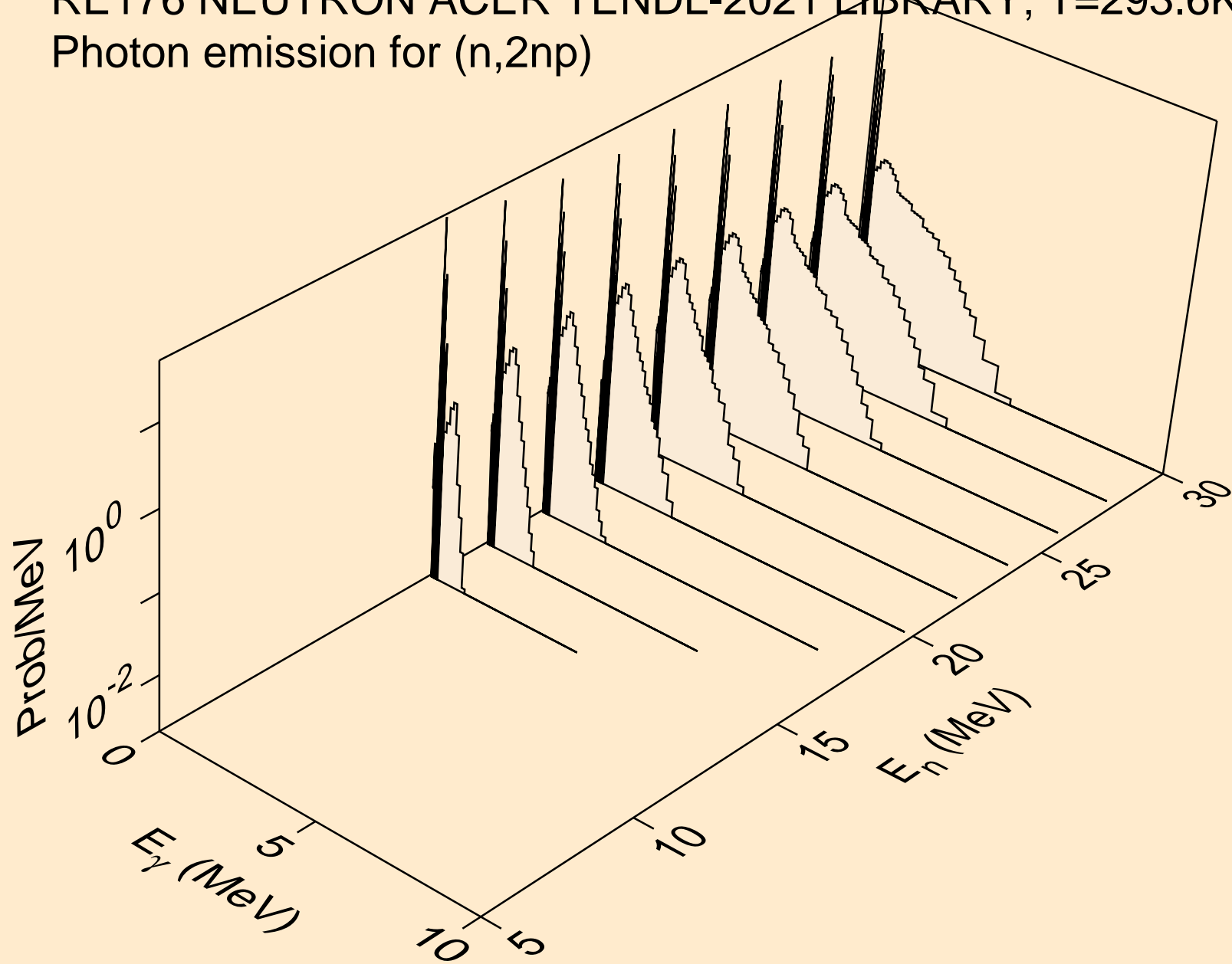
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



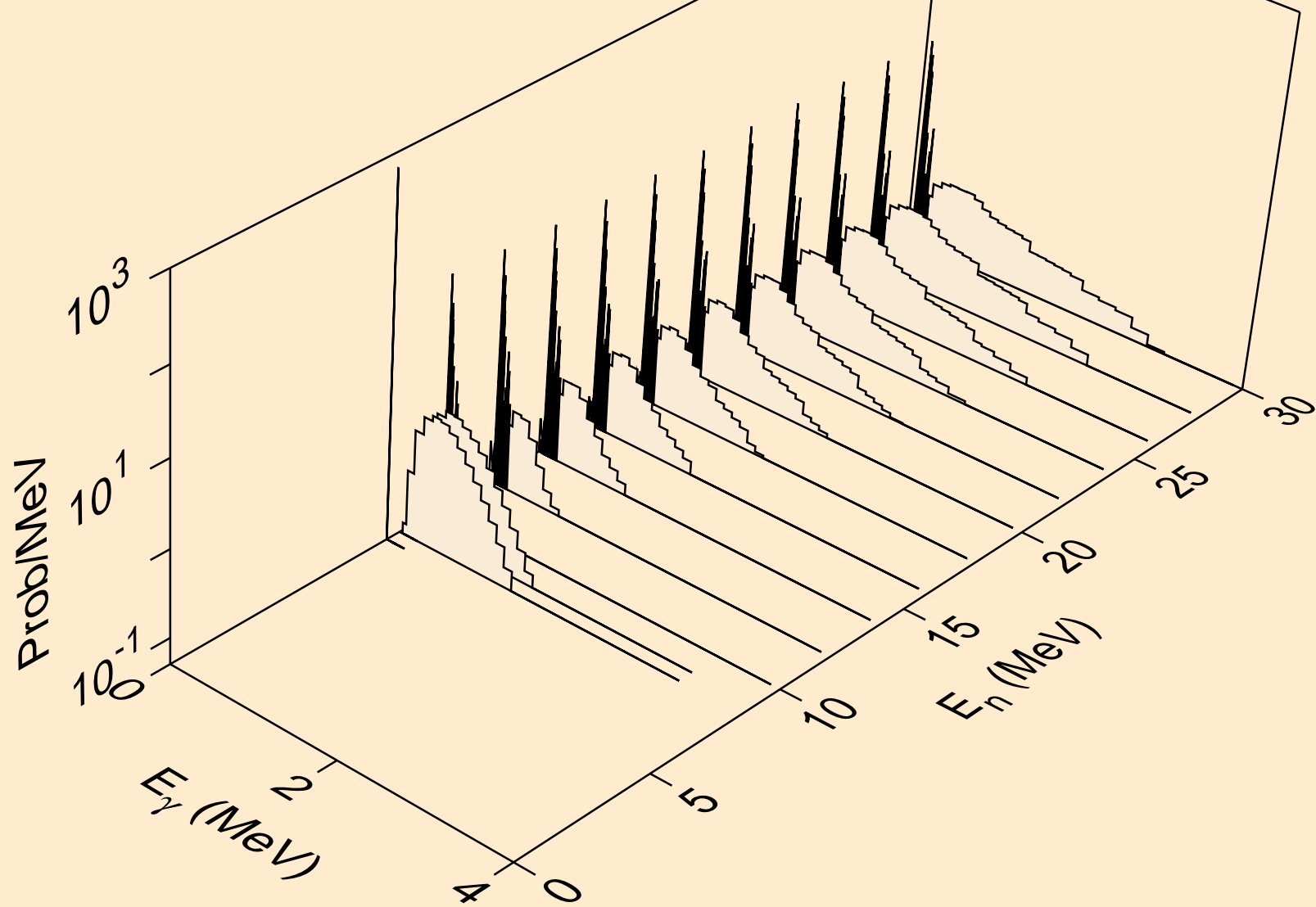
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



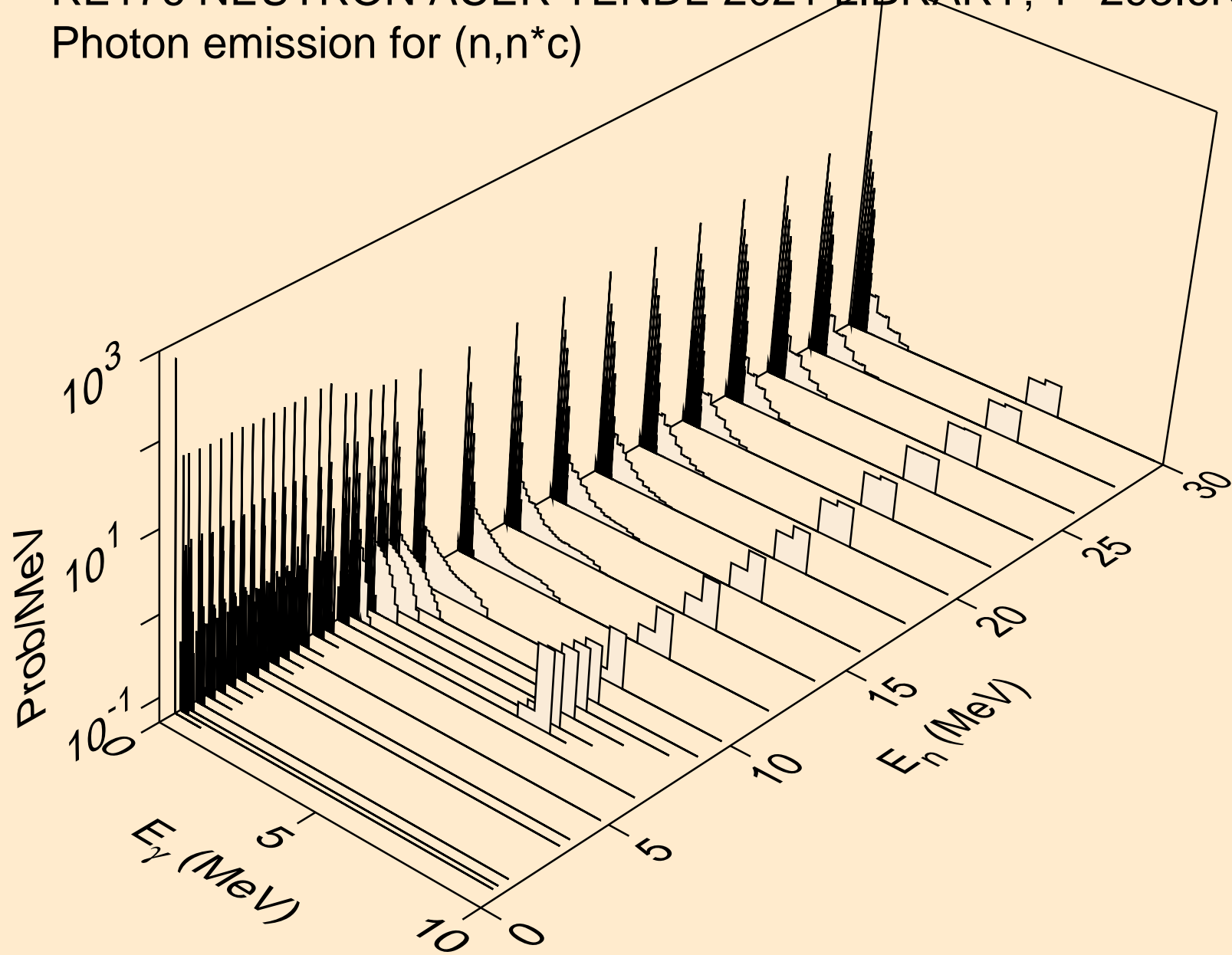
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



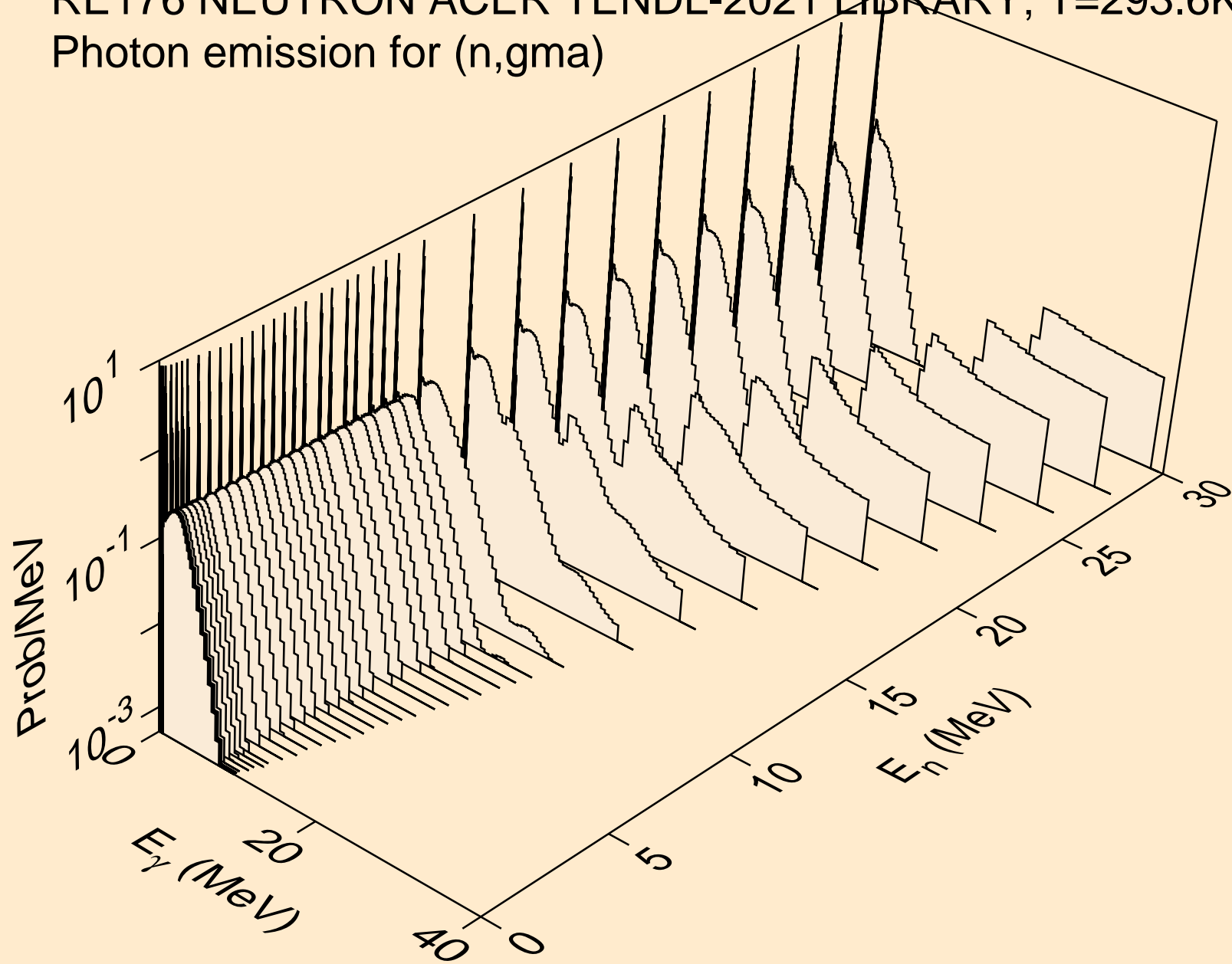
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



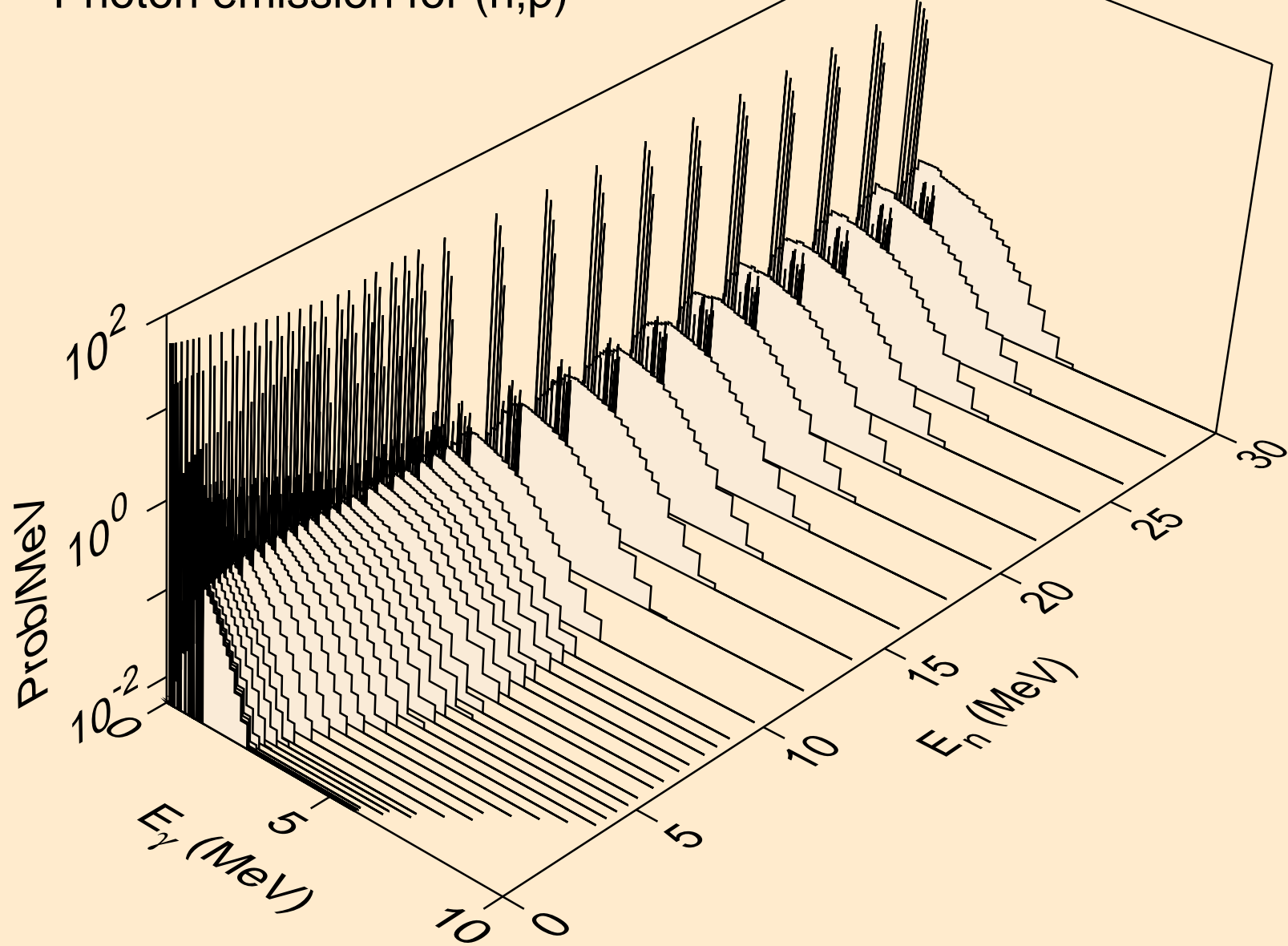
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

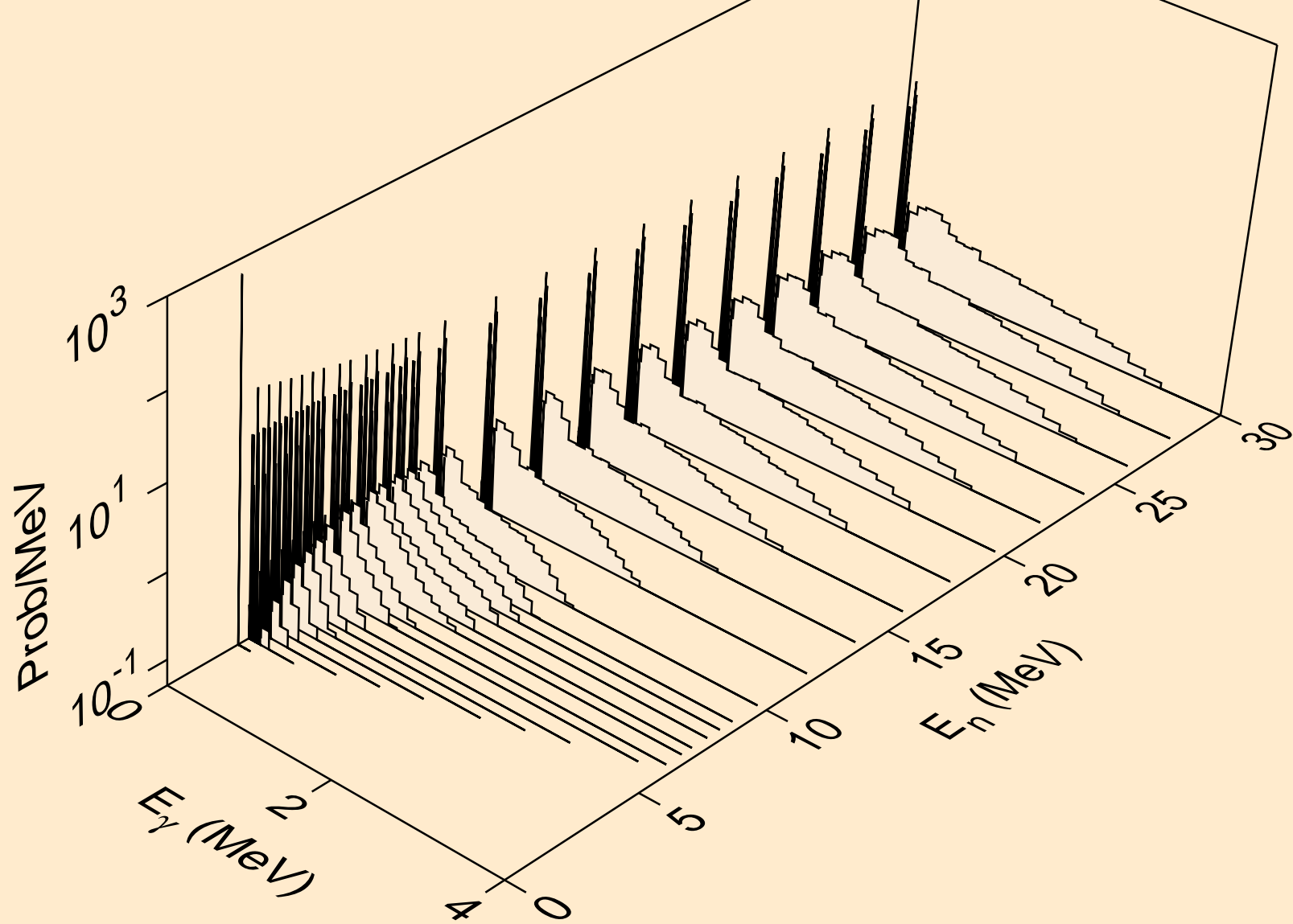


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

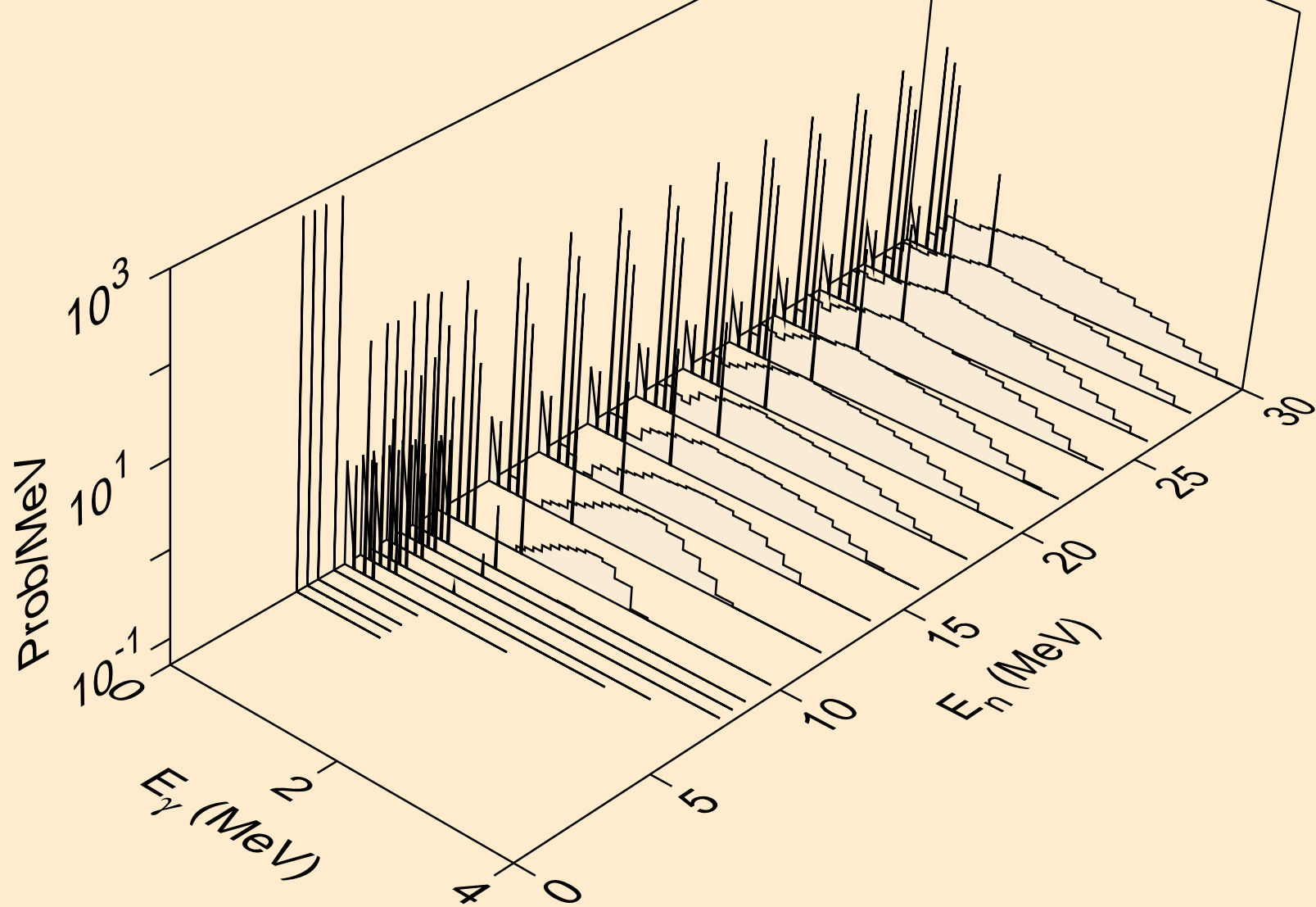




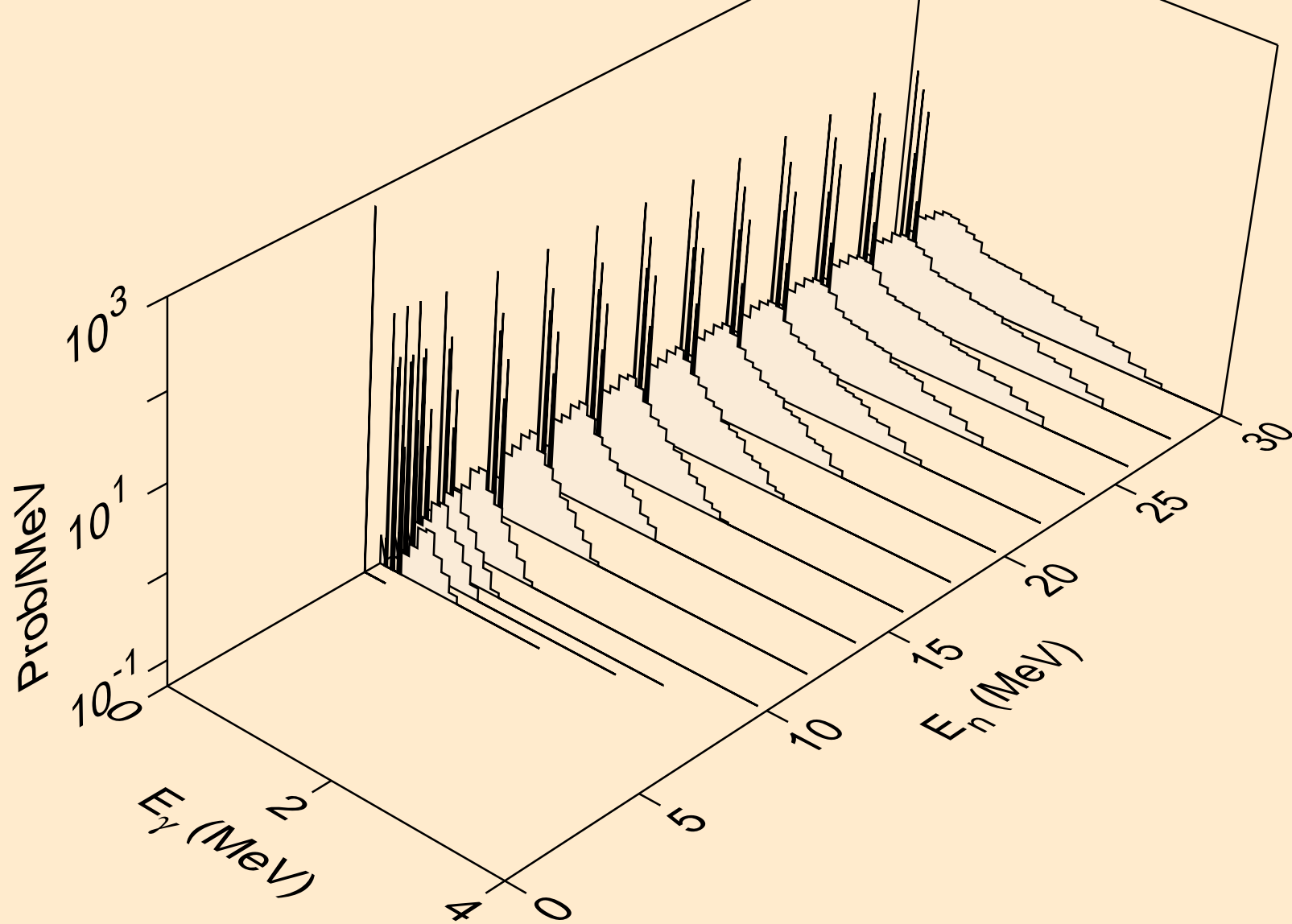
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



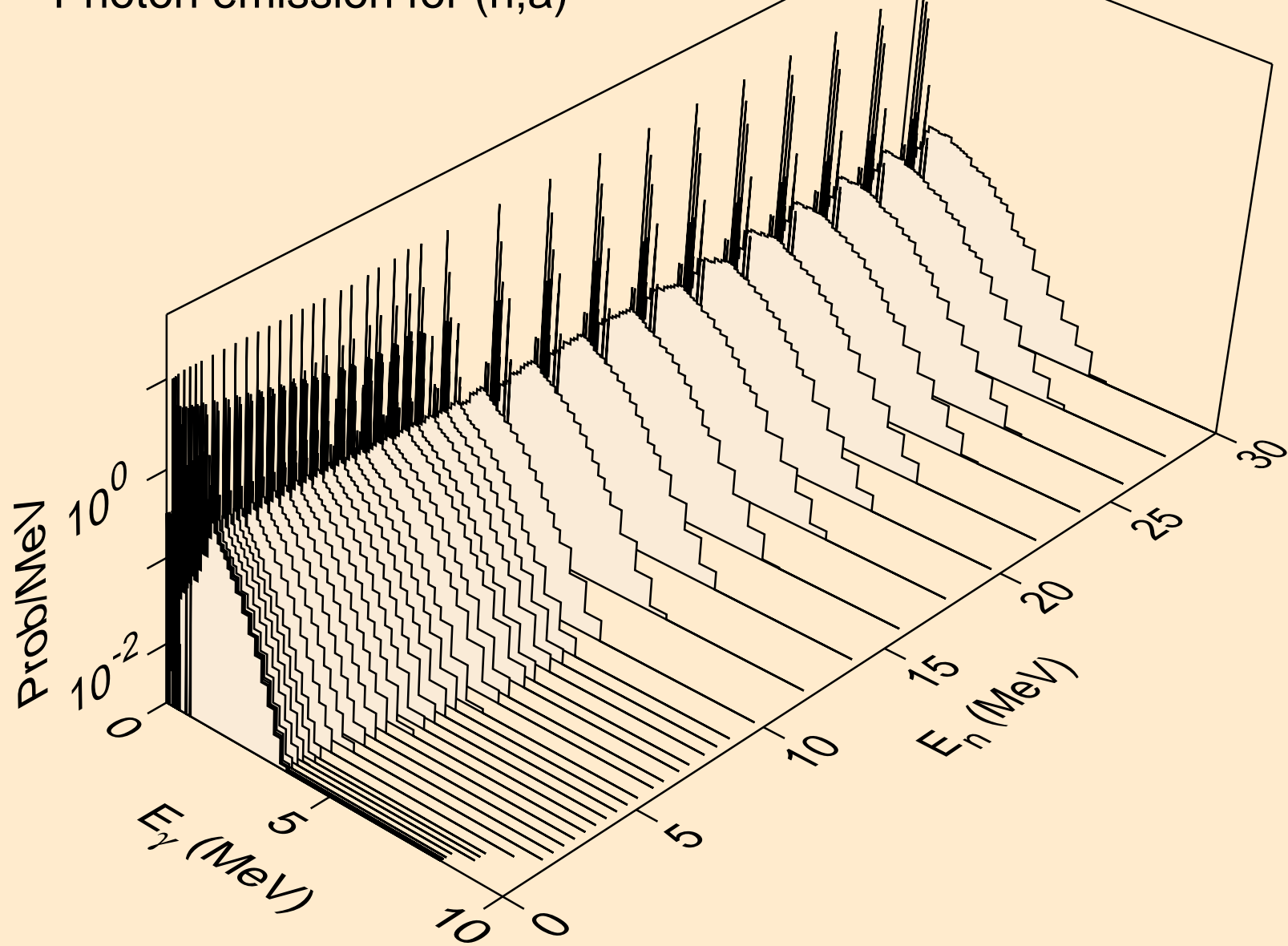
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



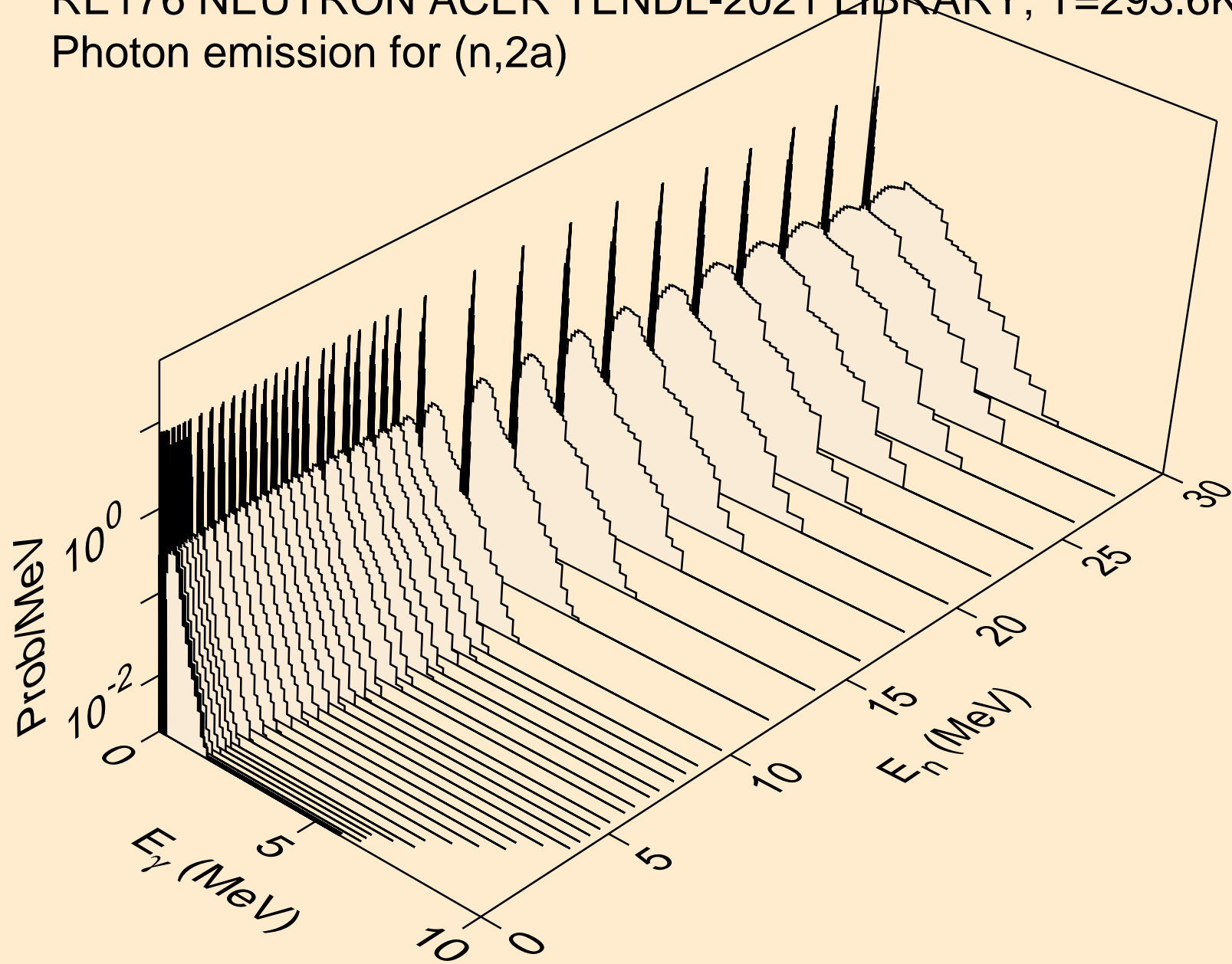
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



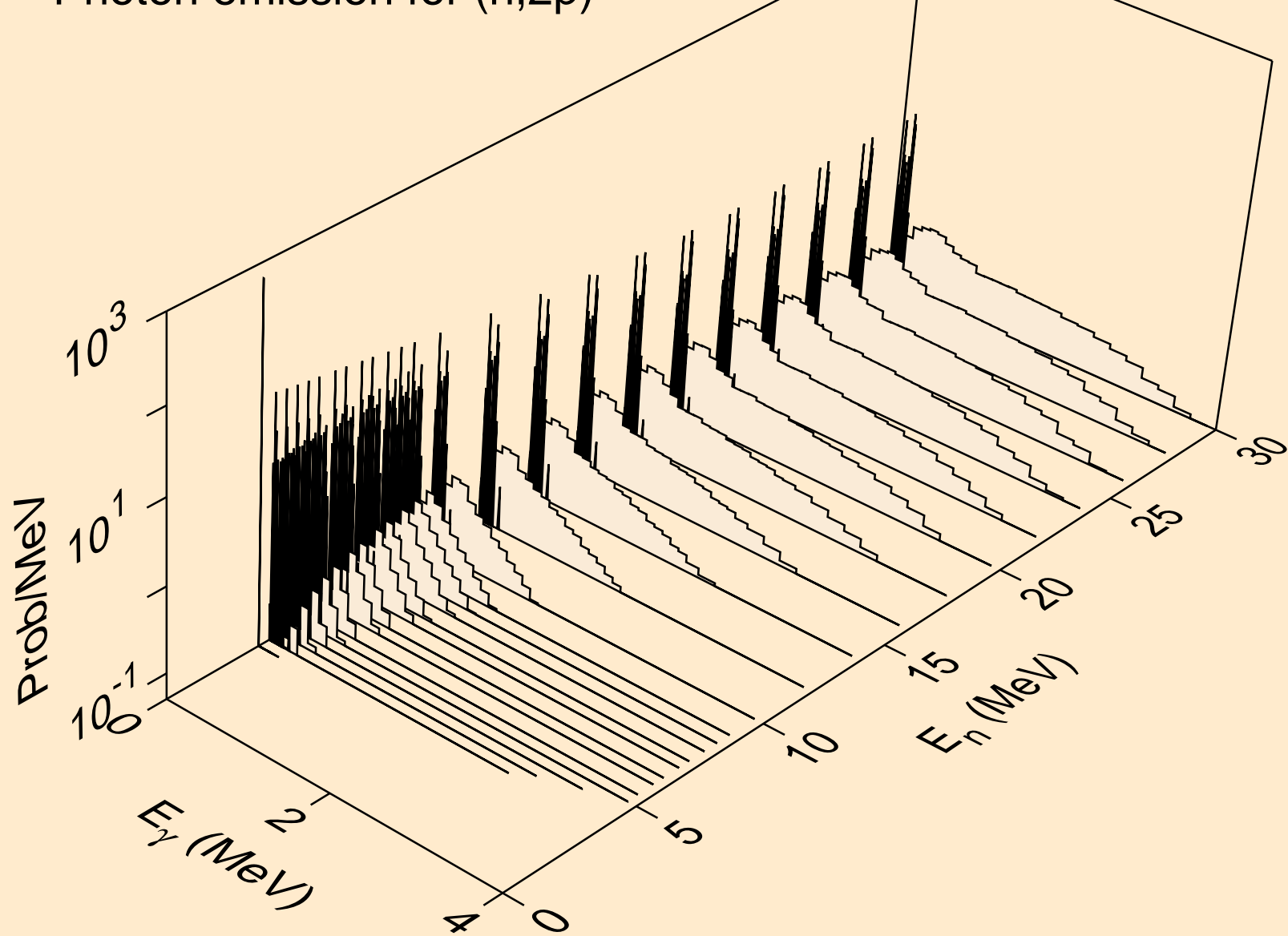
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



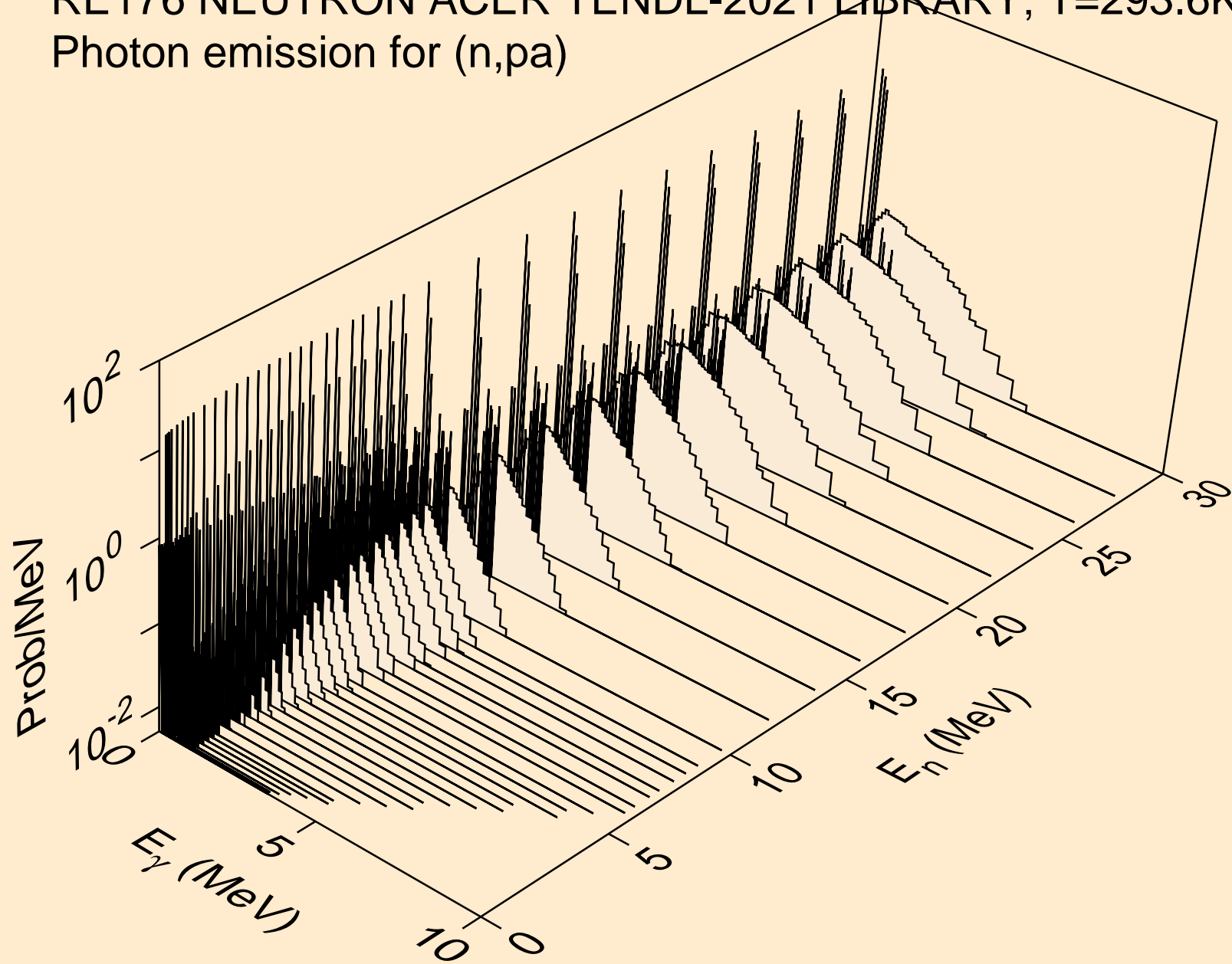
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



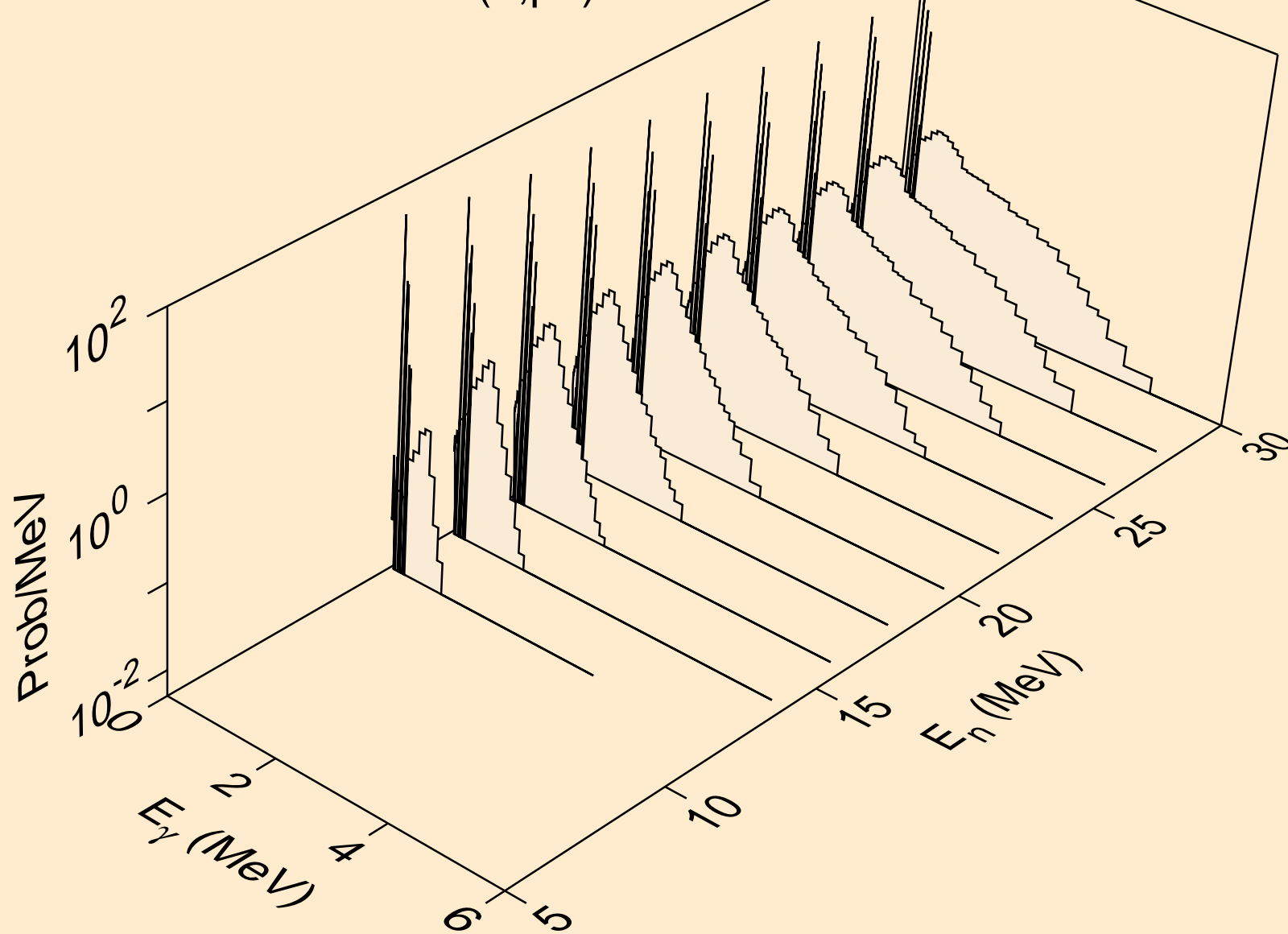
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

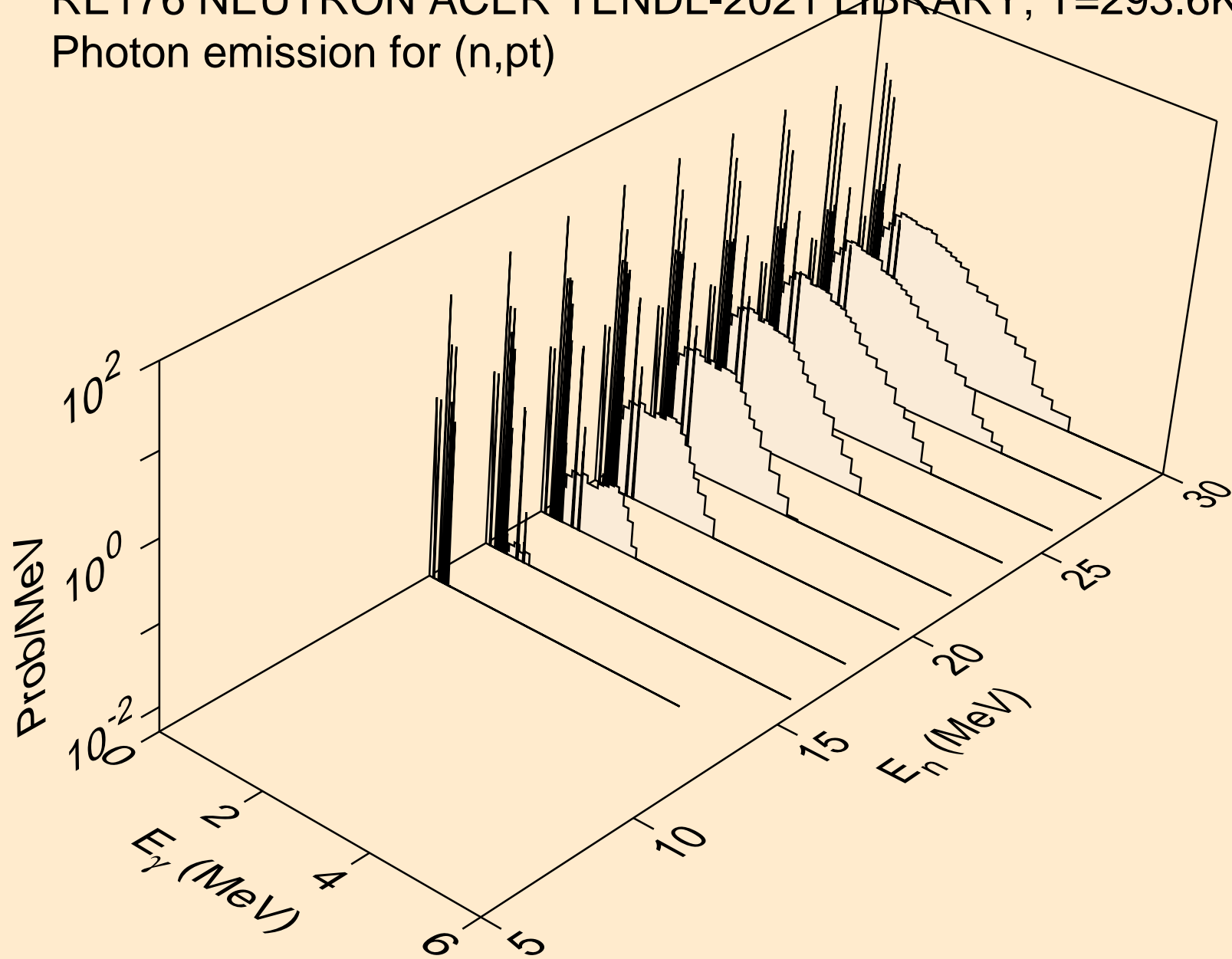


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

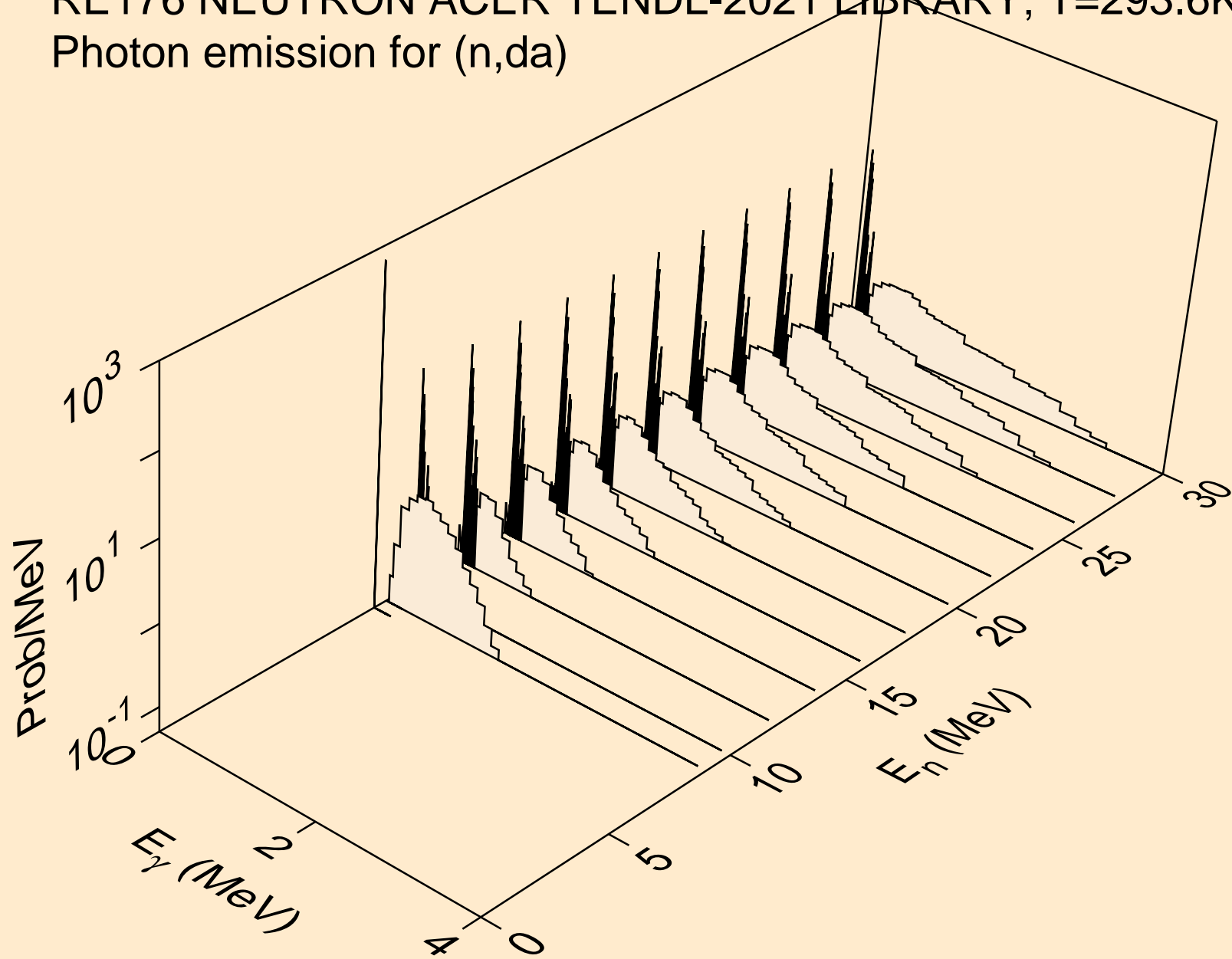




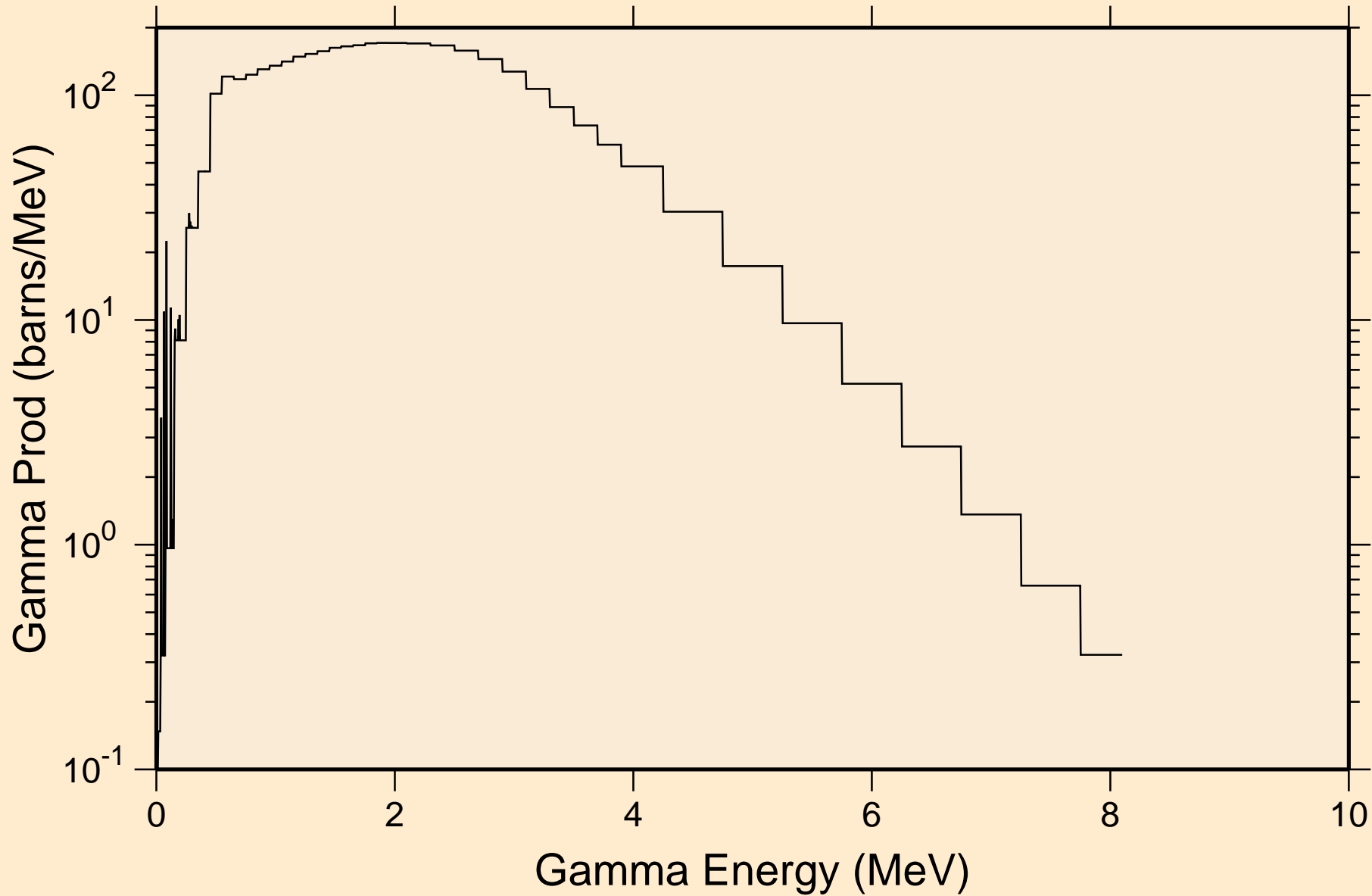
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



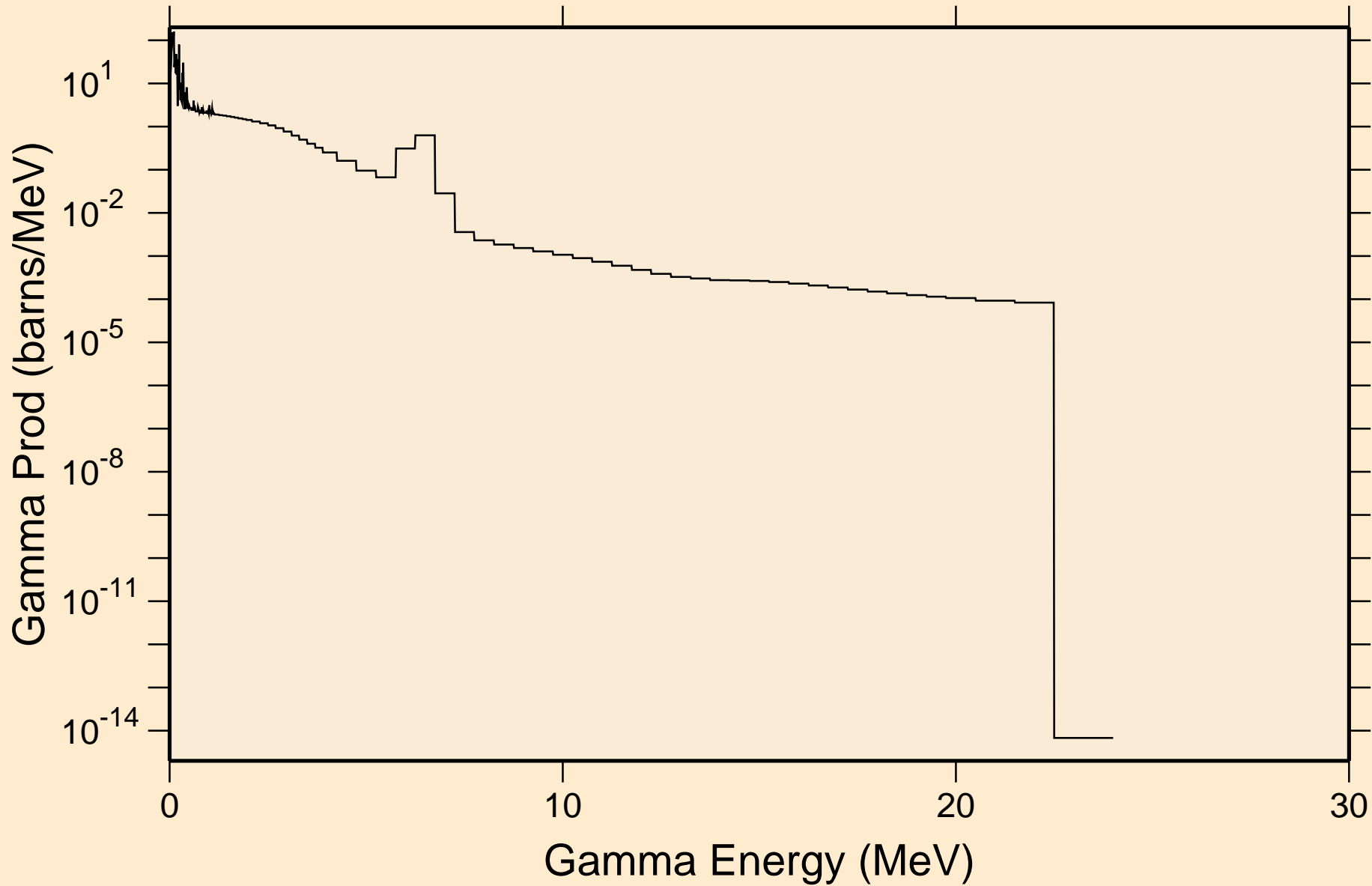
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

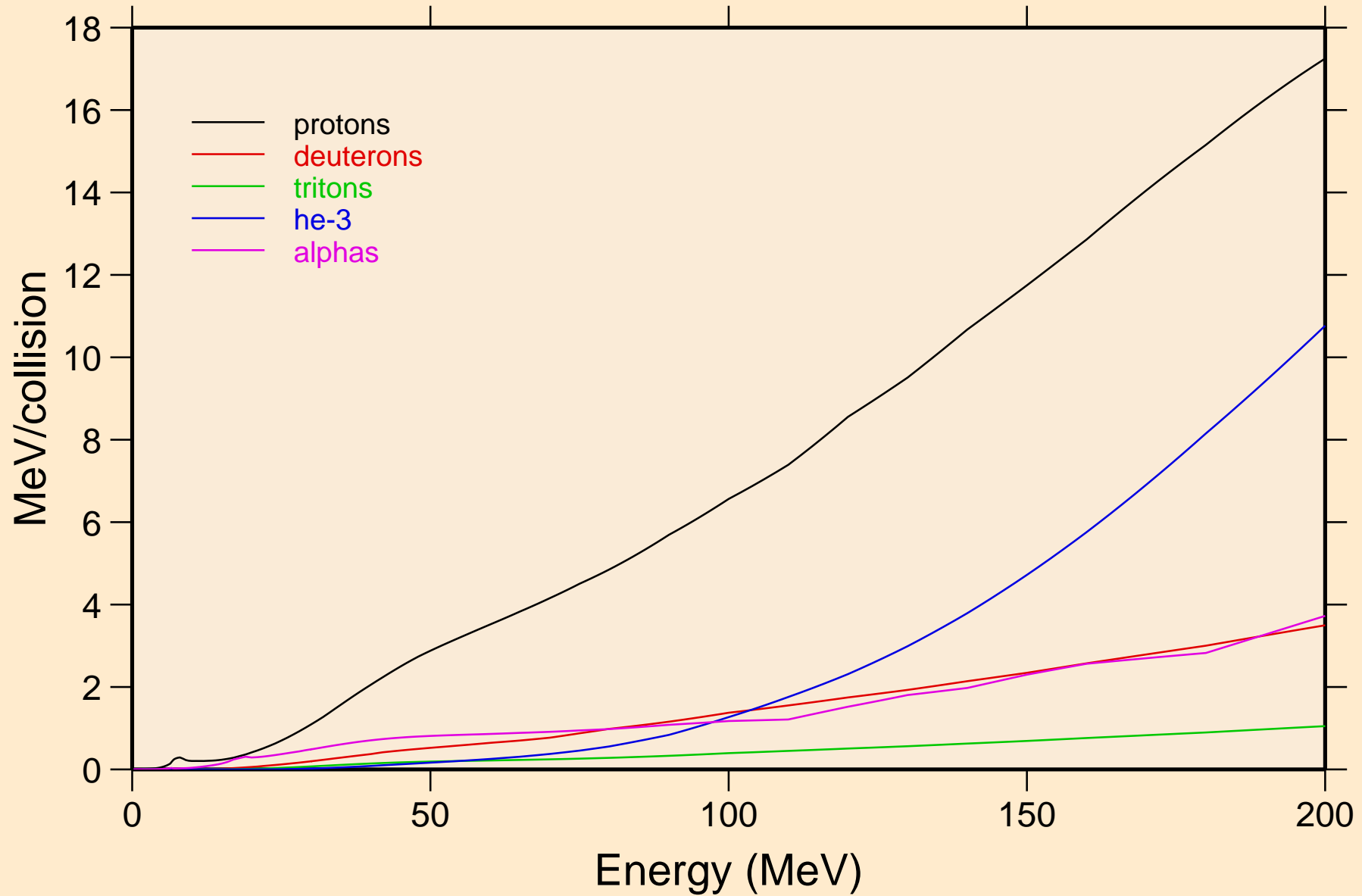


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

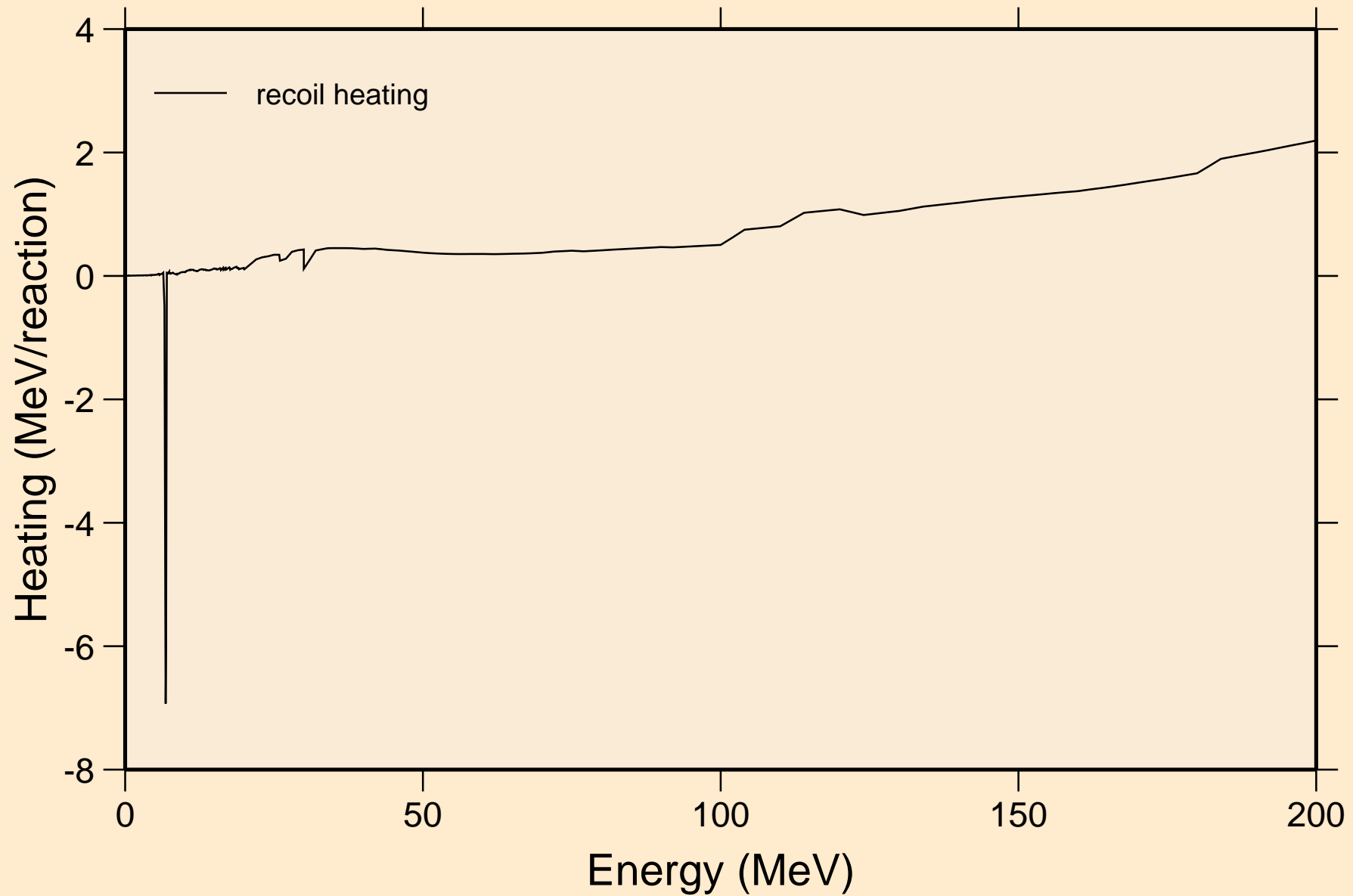


# RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

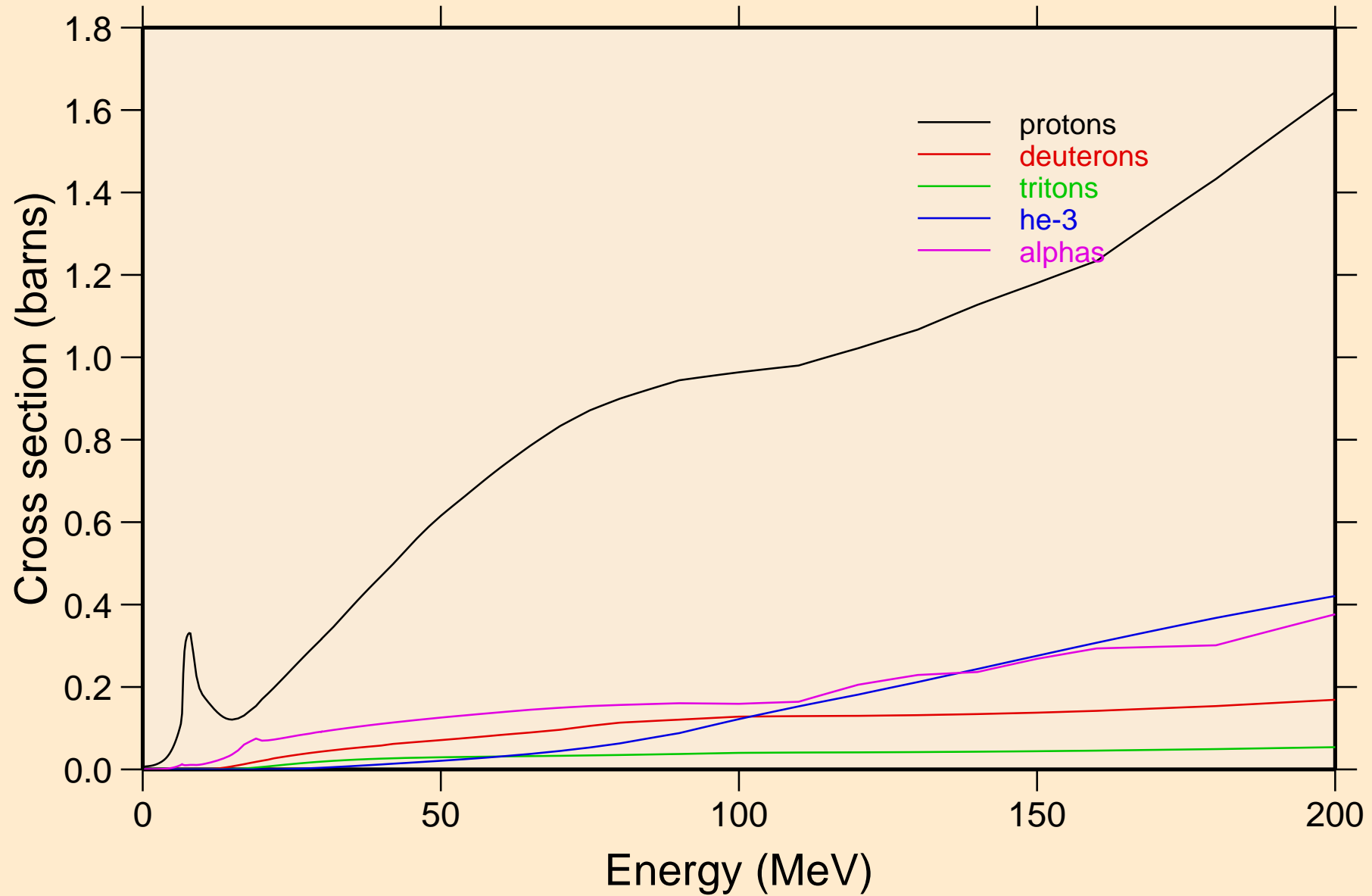
## Particle heating contributions



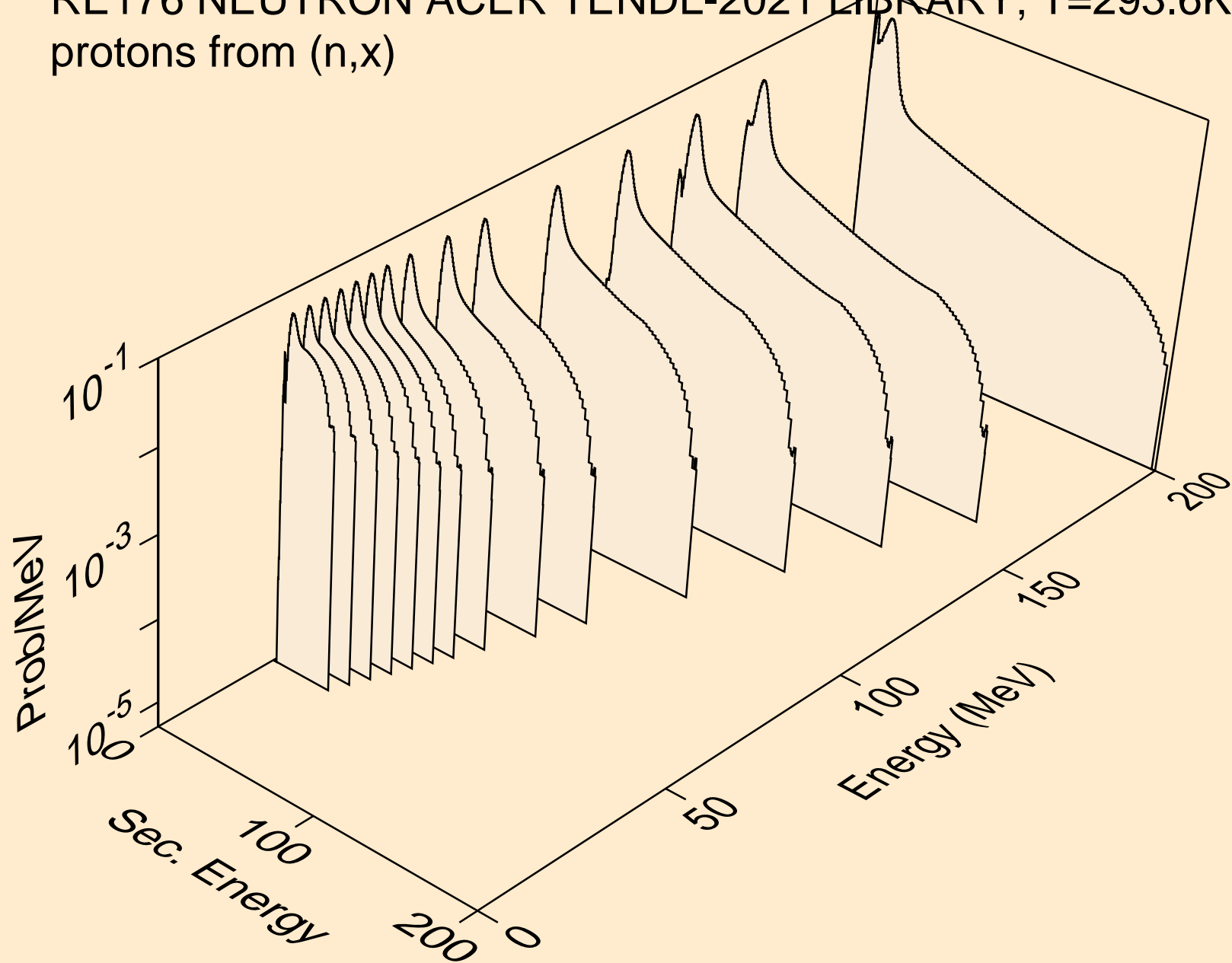
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

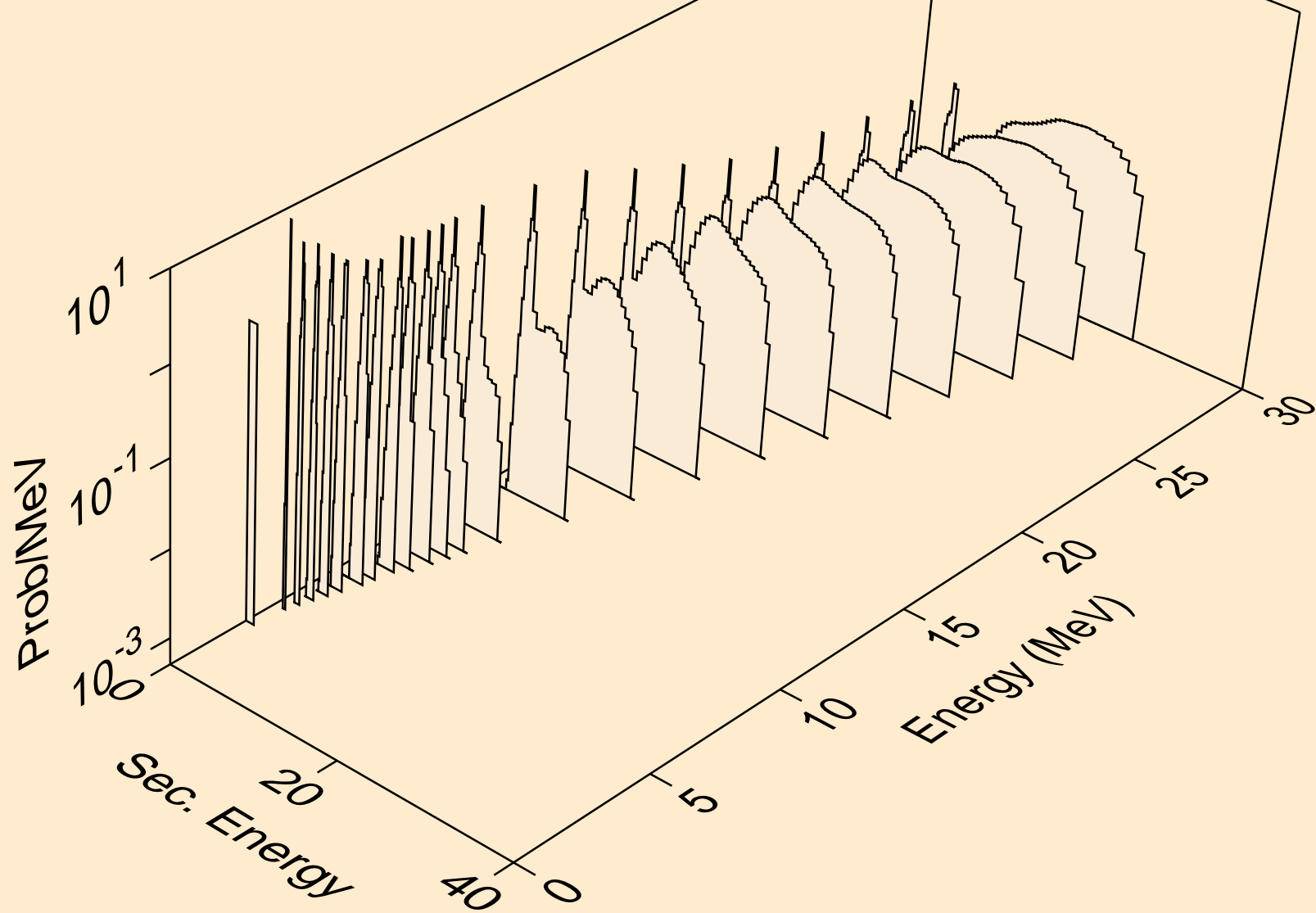


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

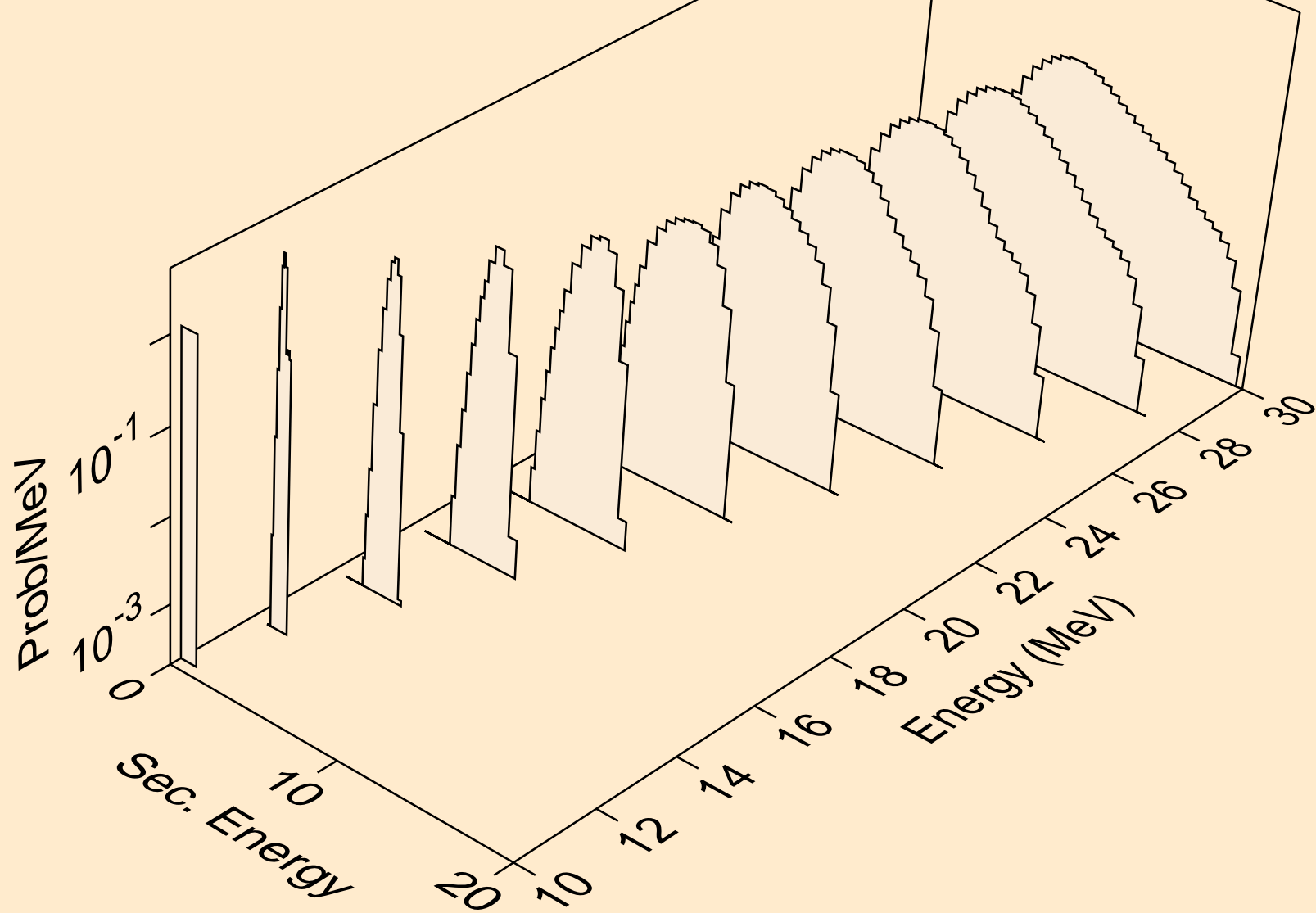




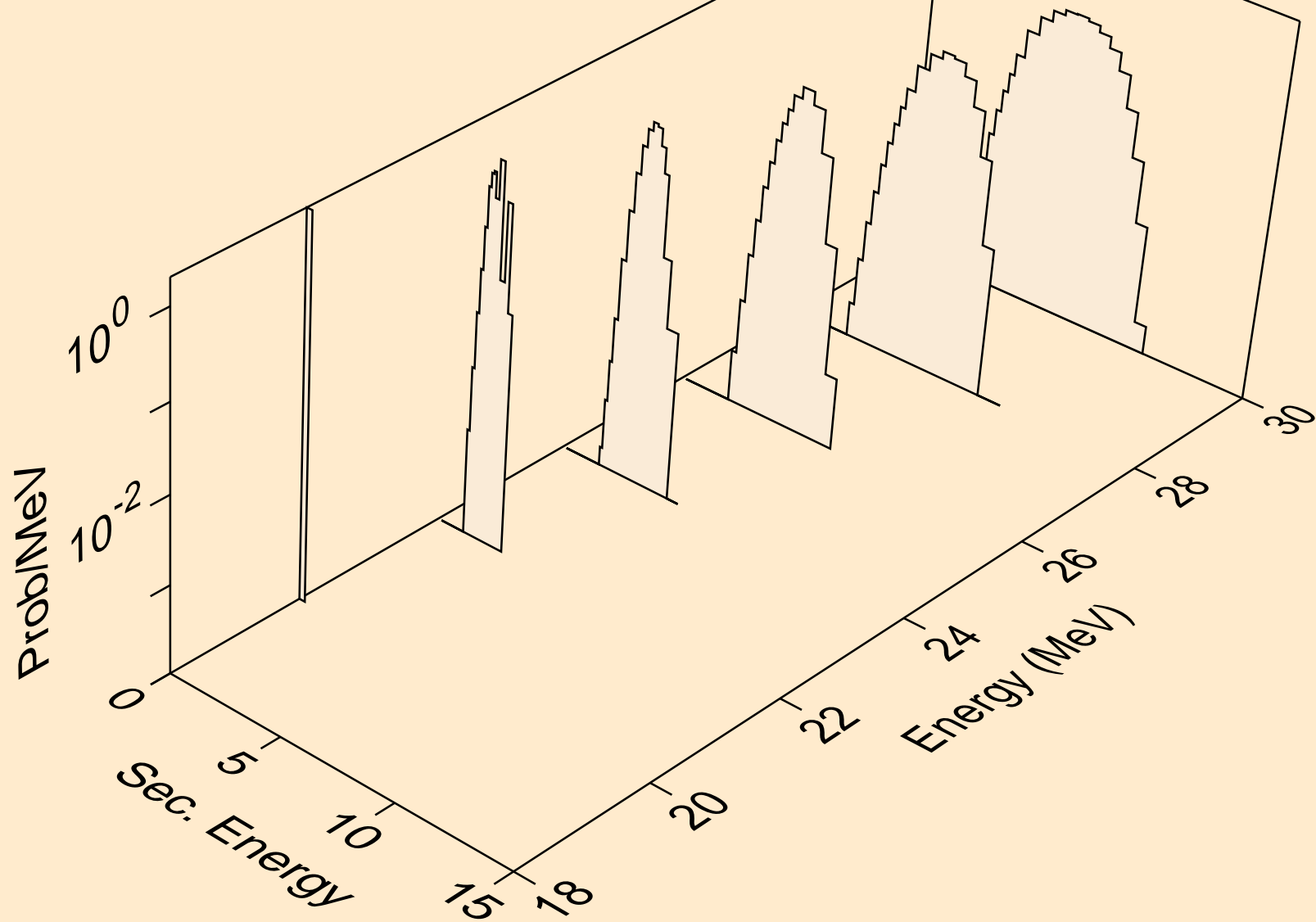
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



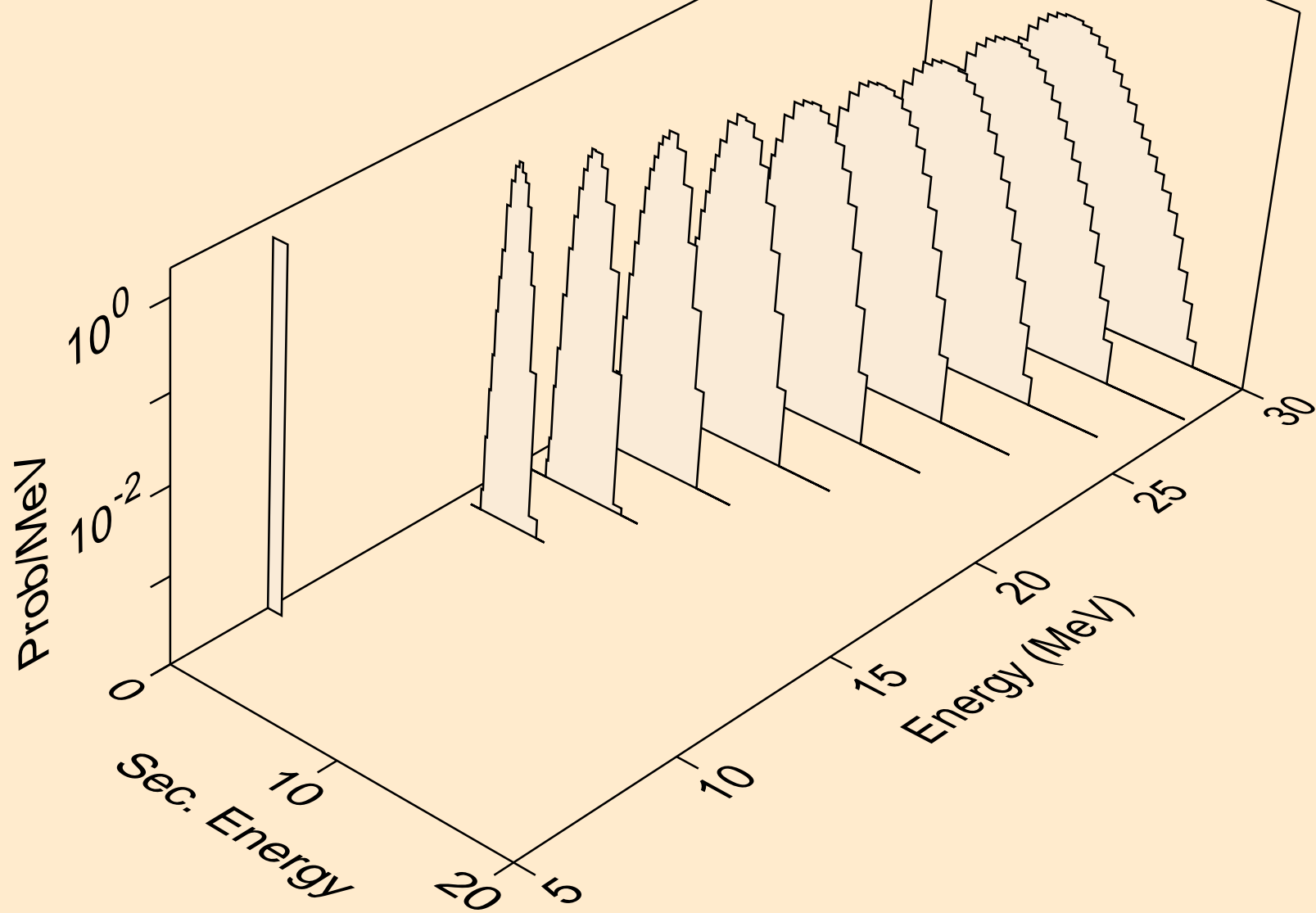
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



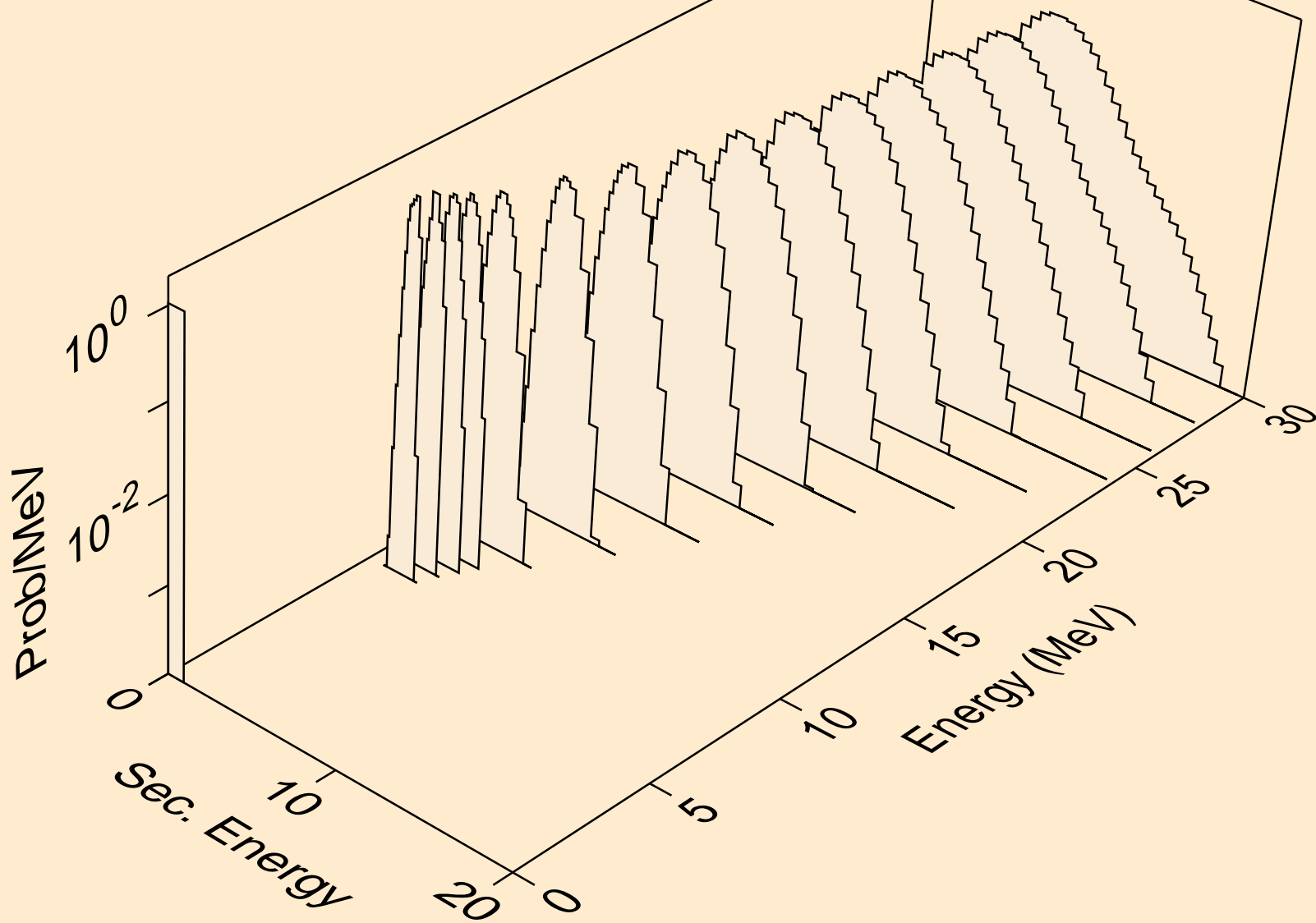
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



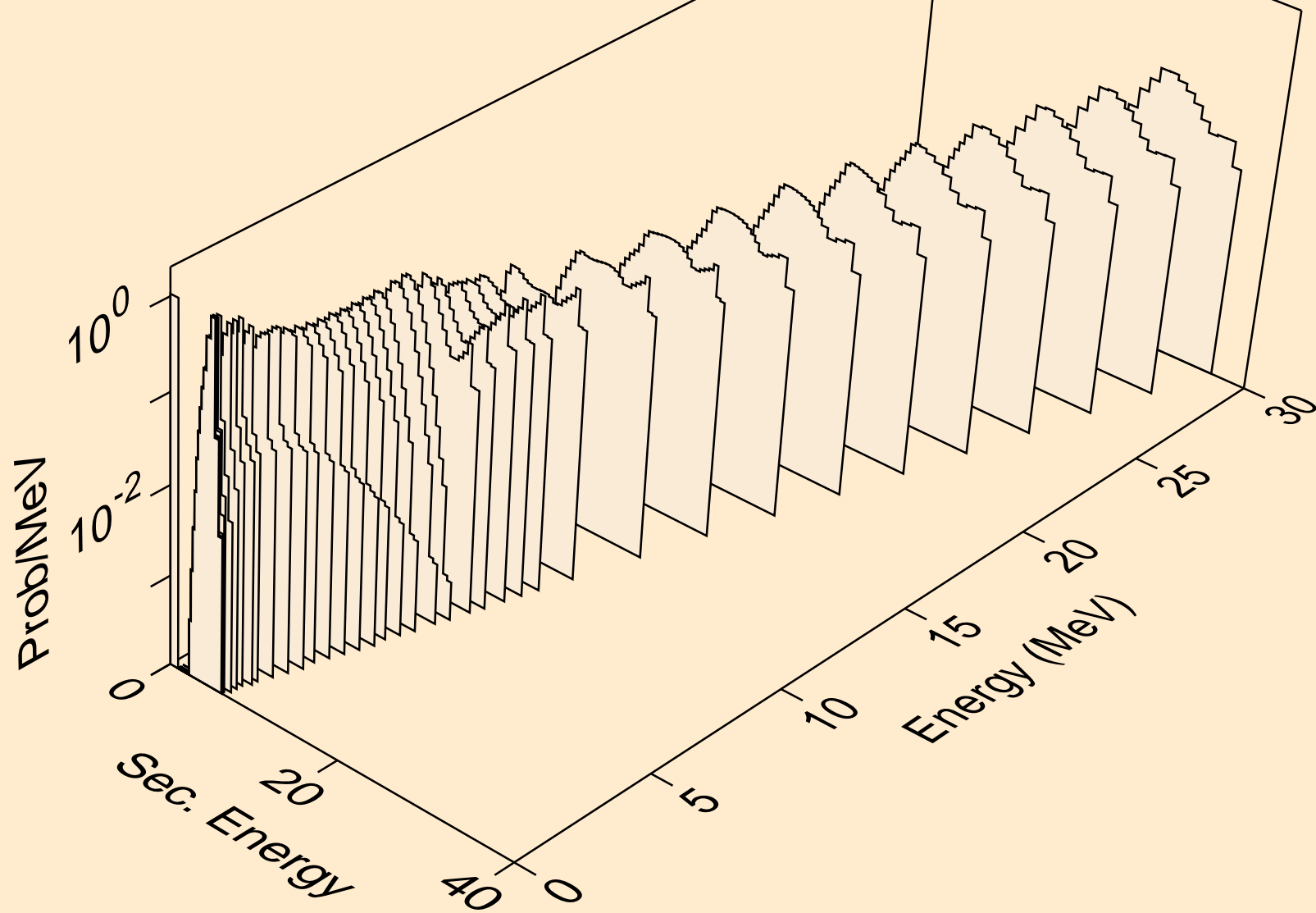
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



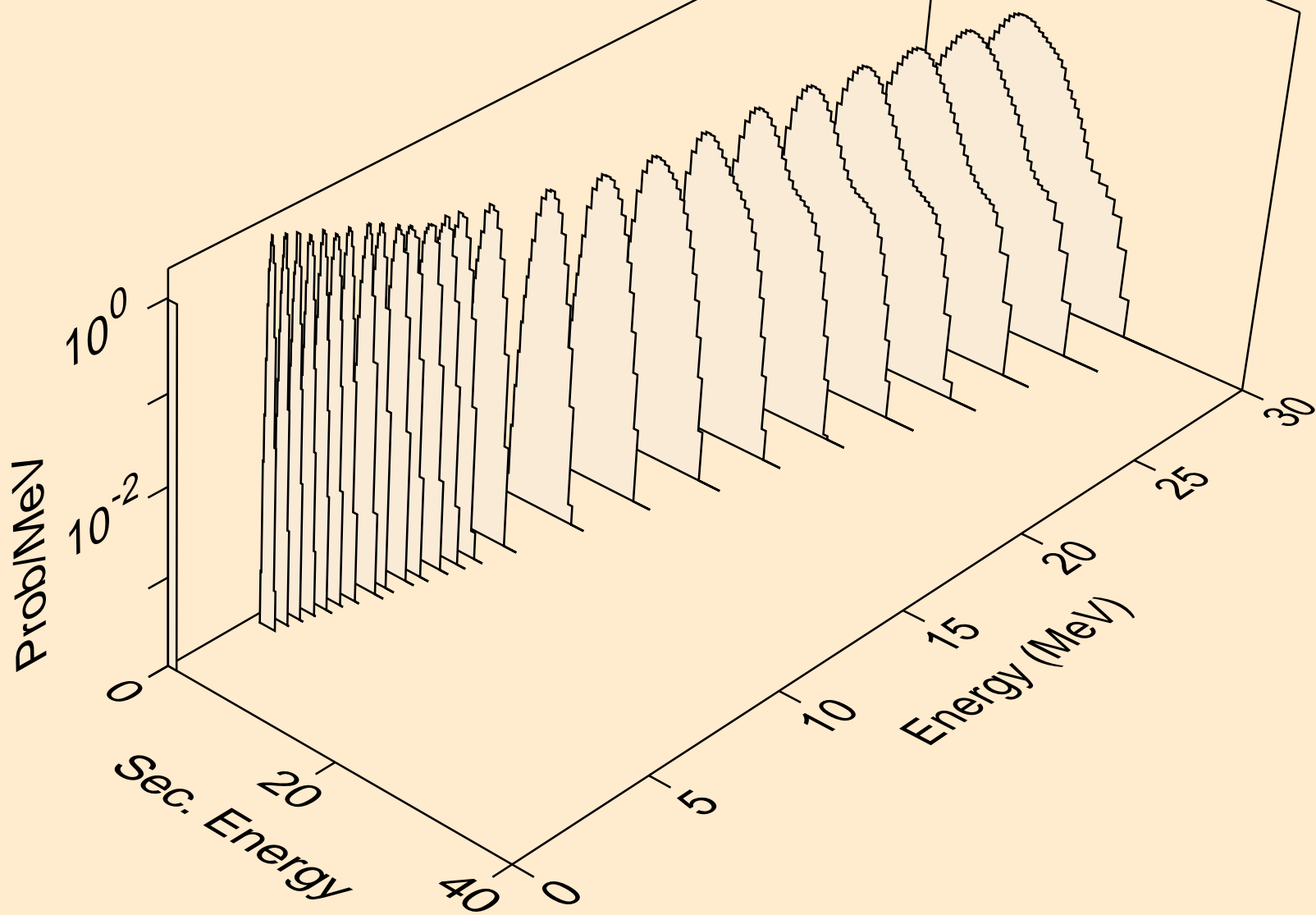
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



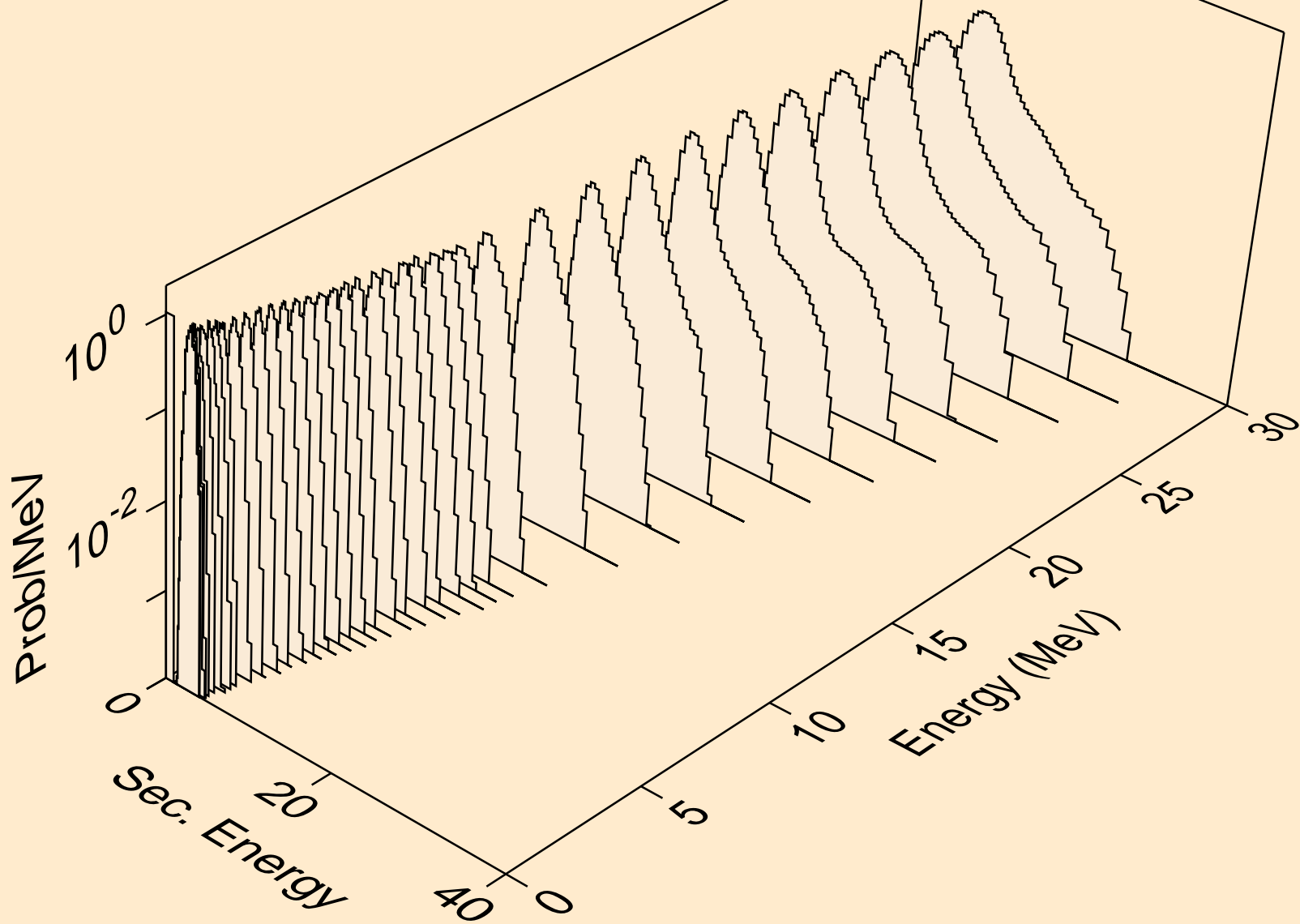
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

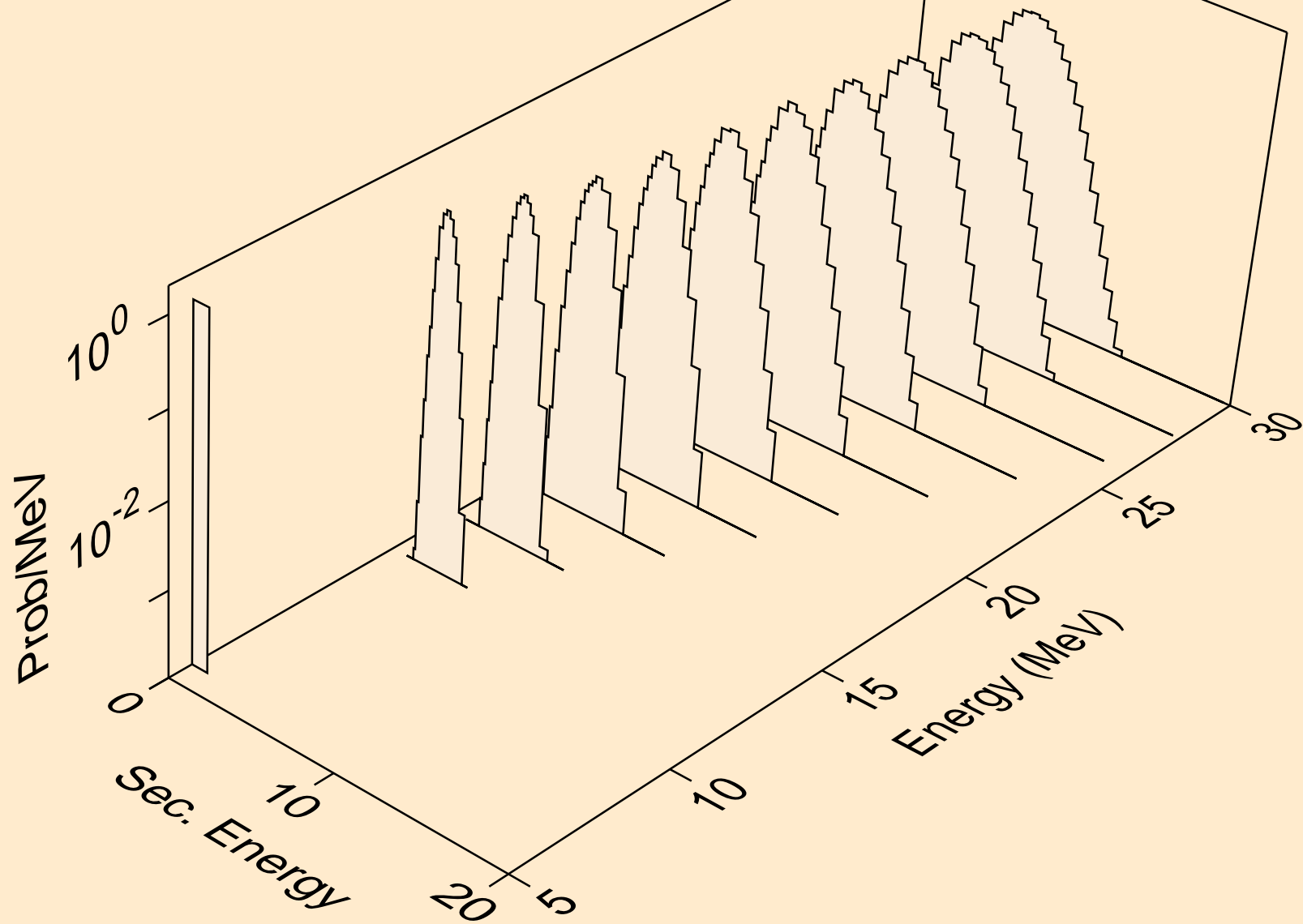


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

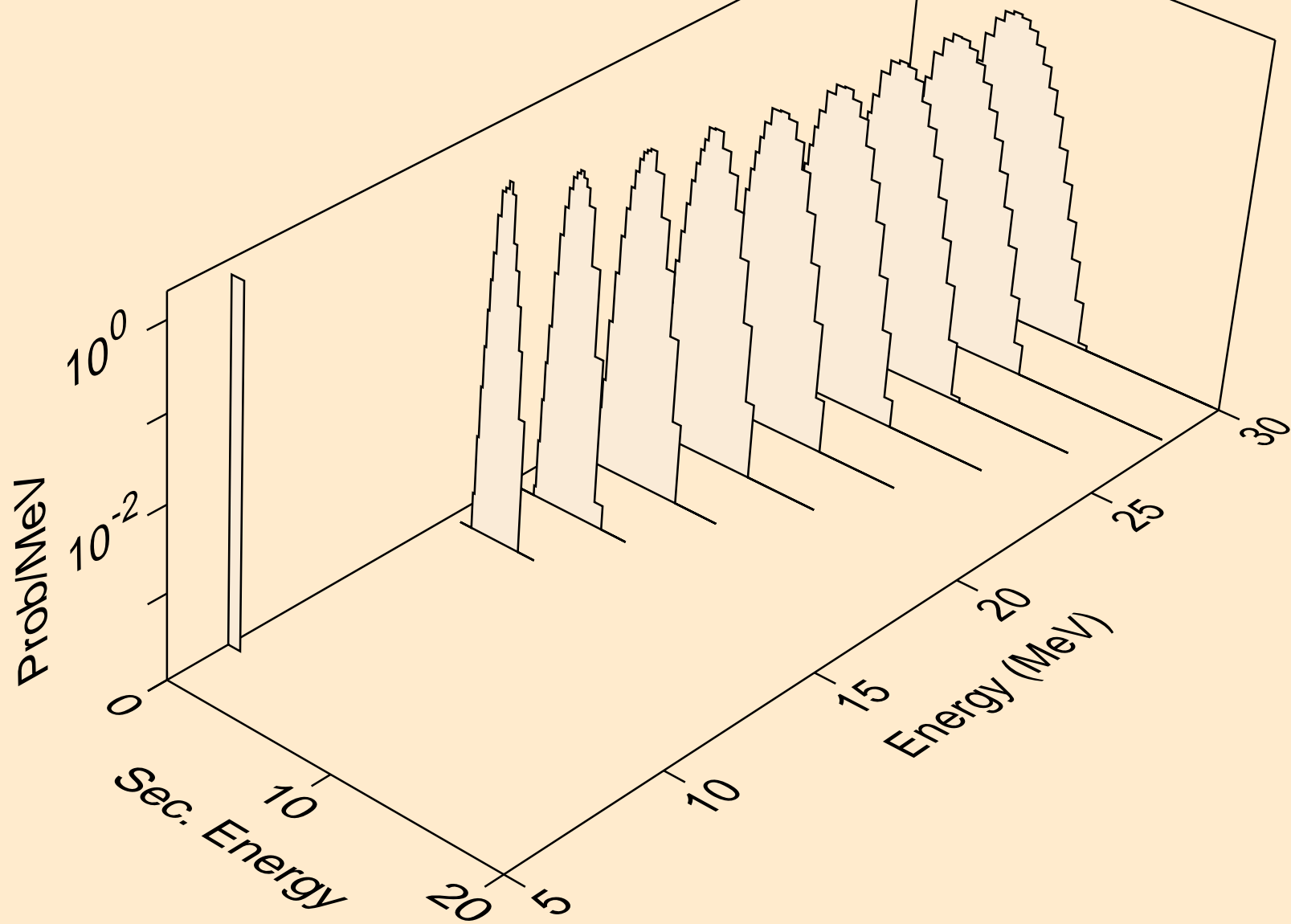




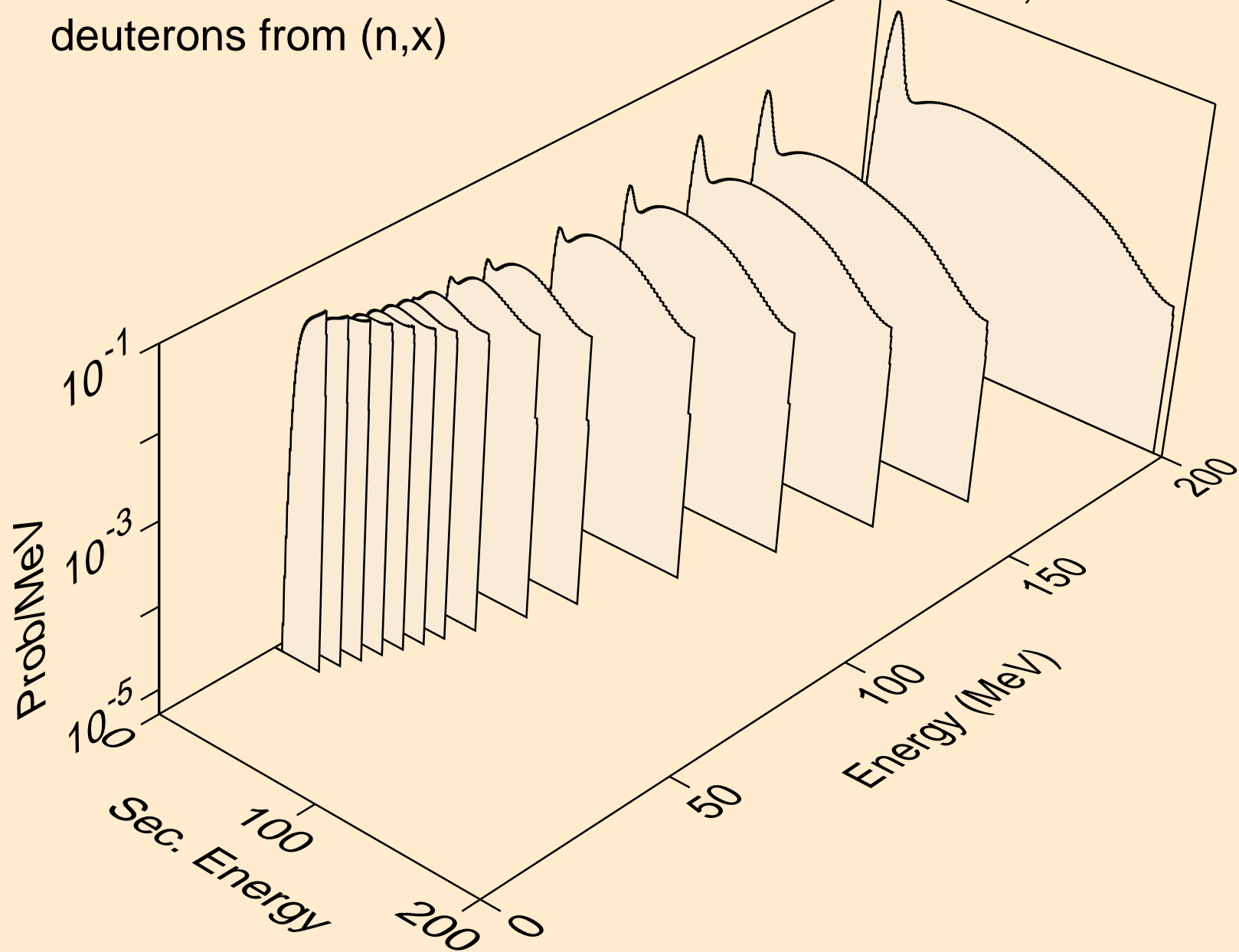
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



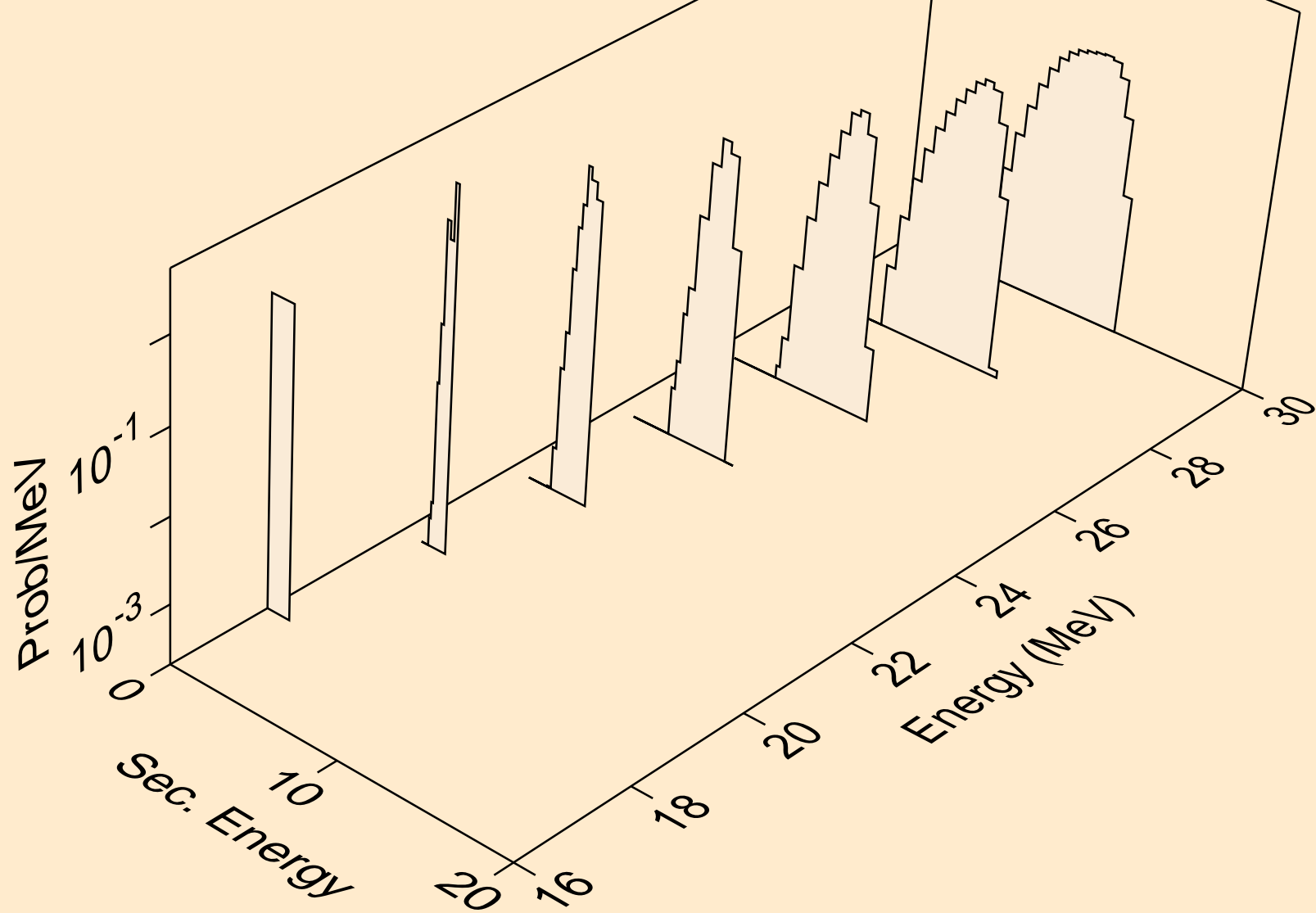
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



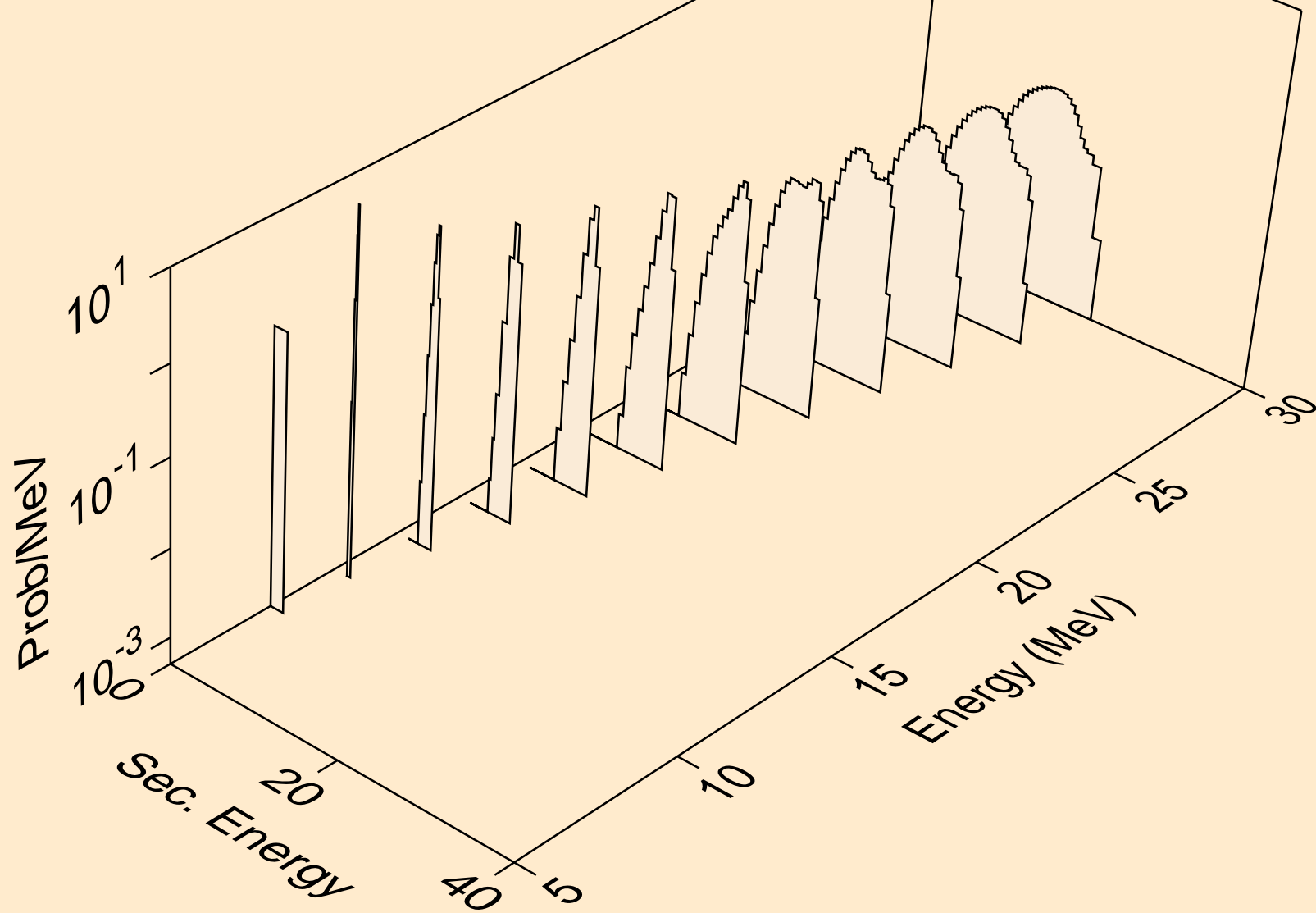
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



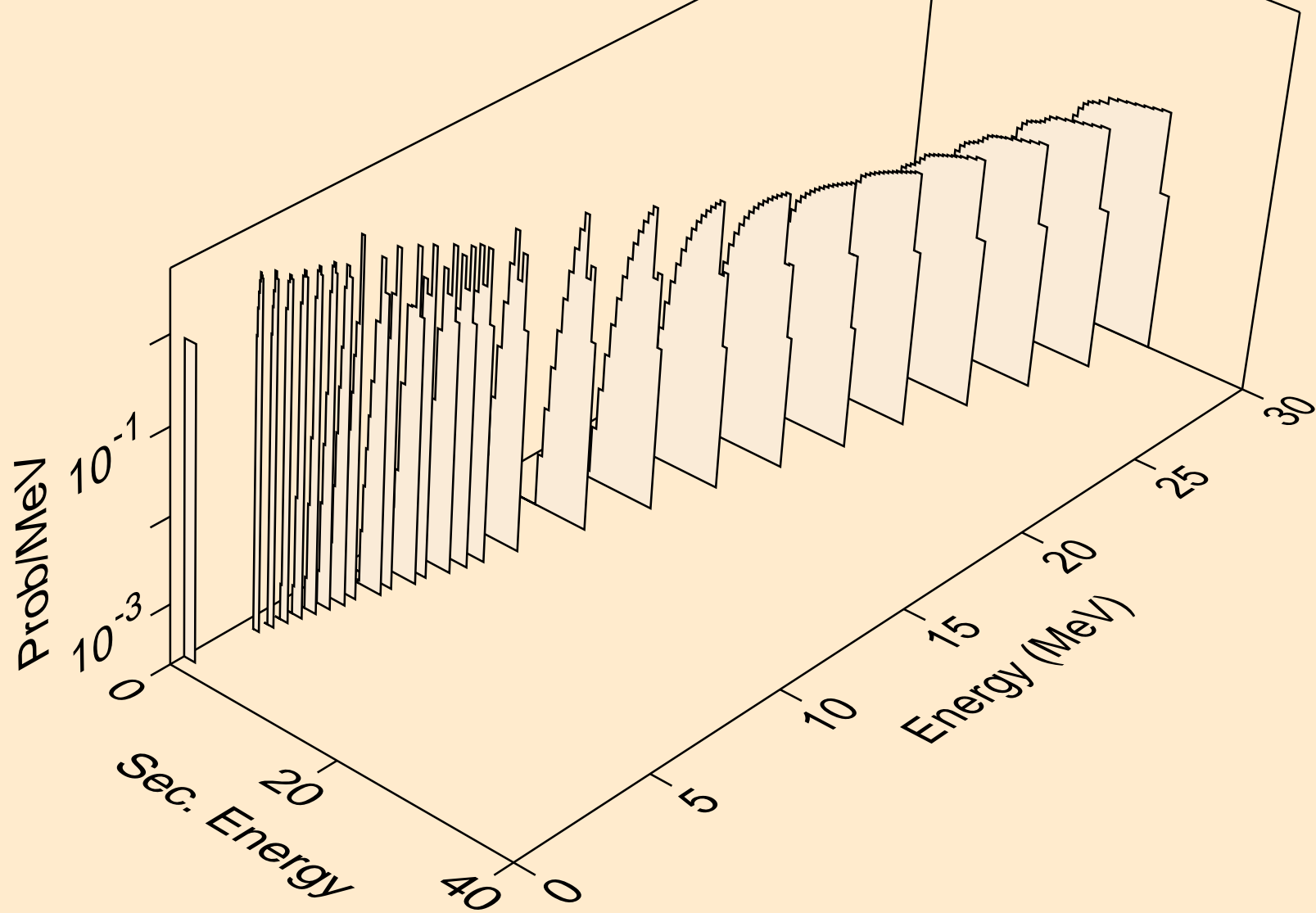
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



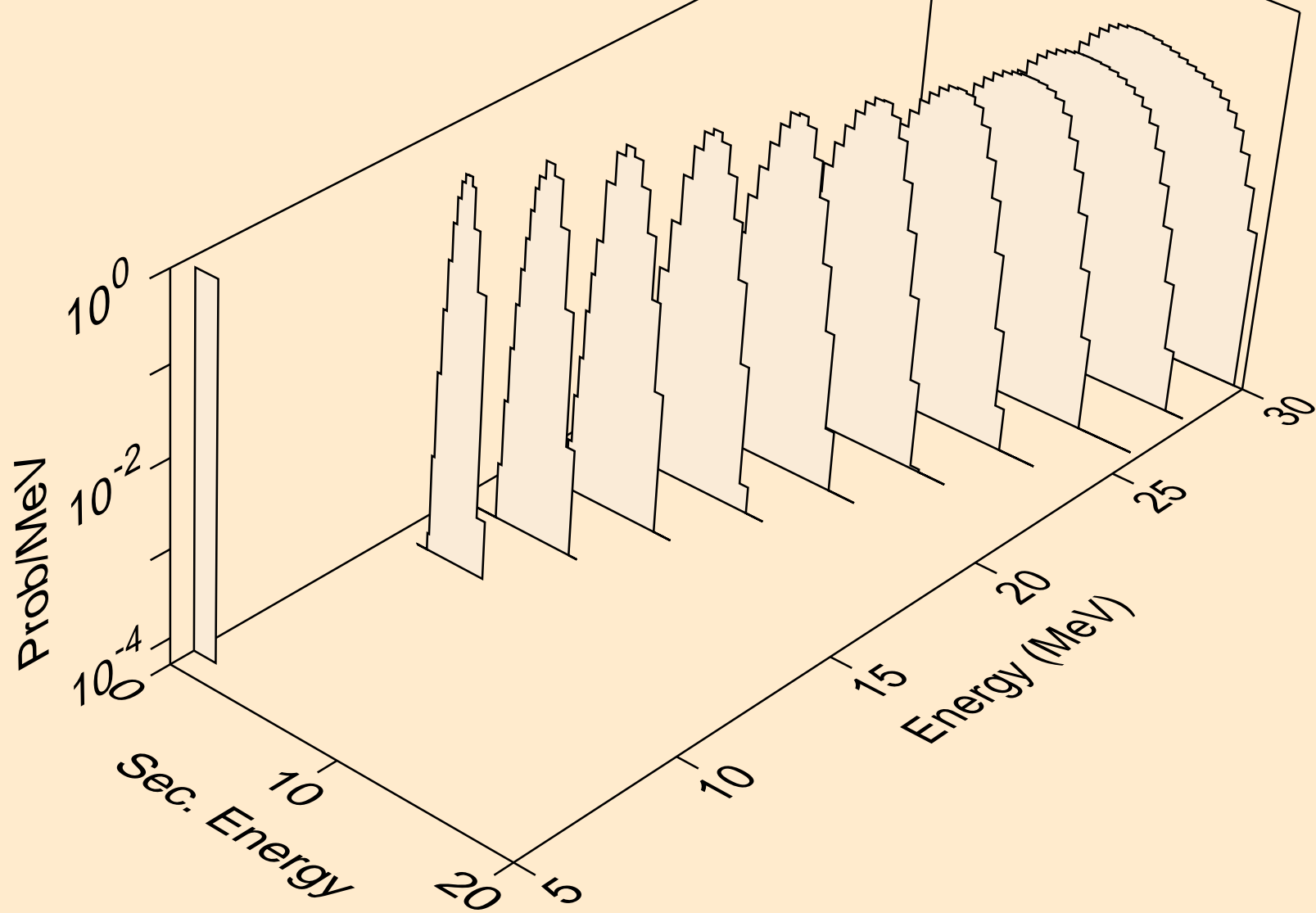
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



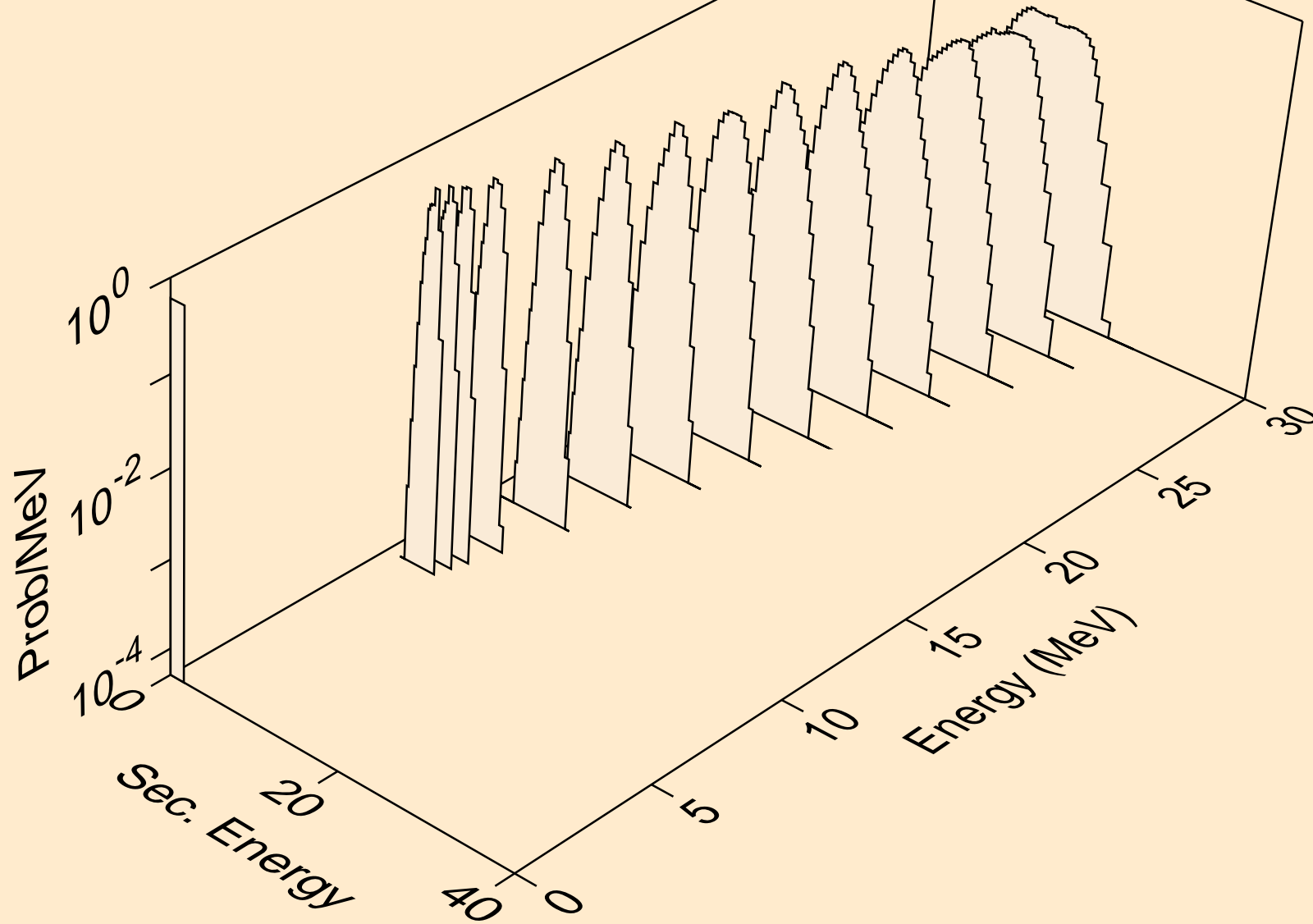
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

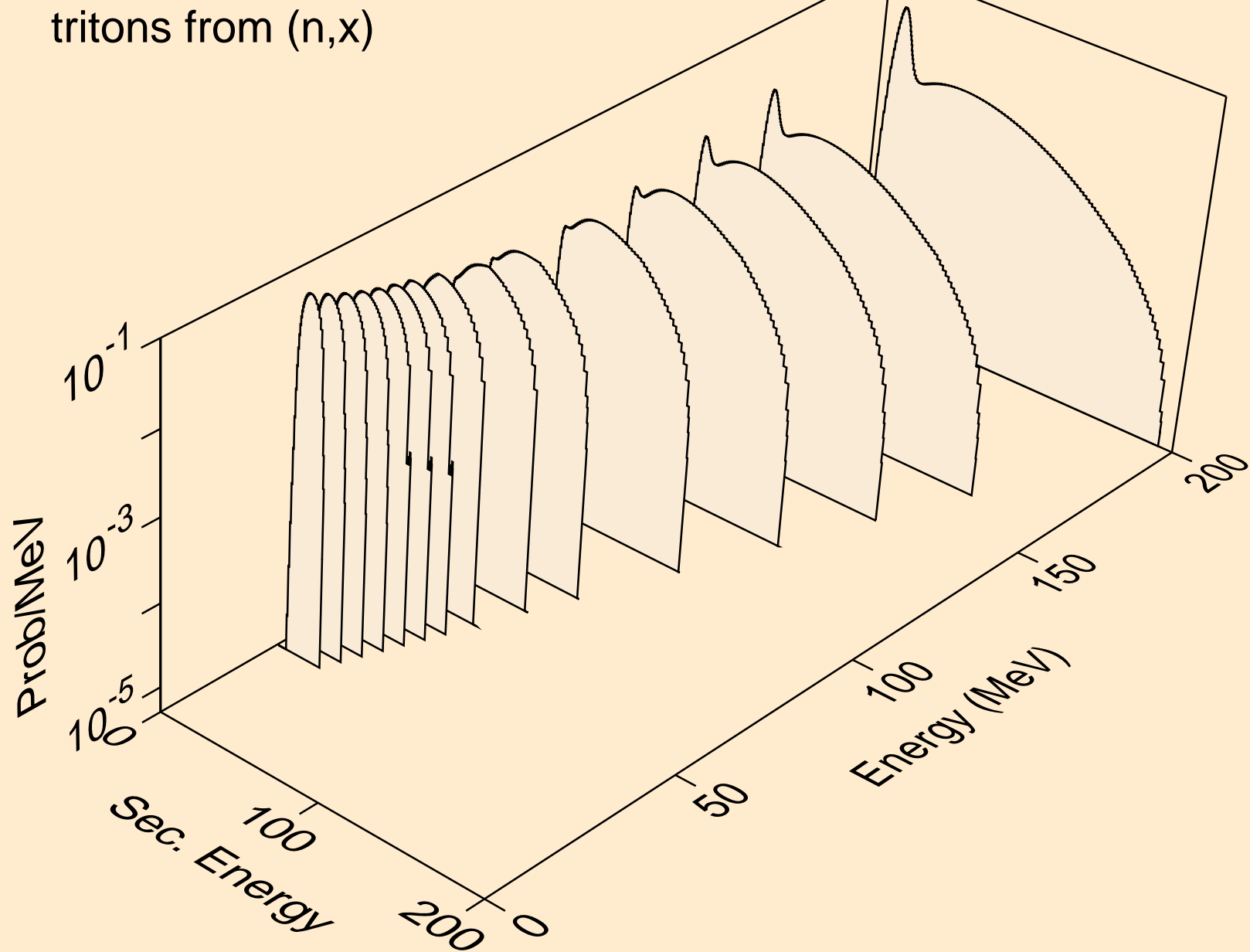


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

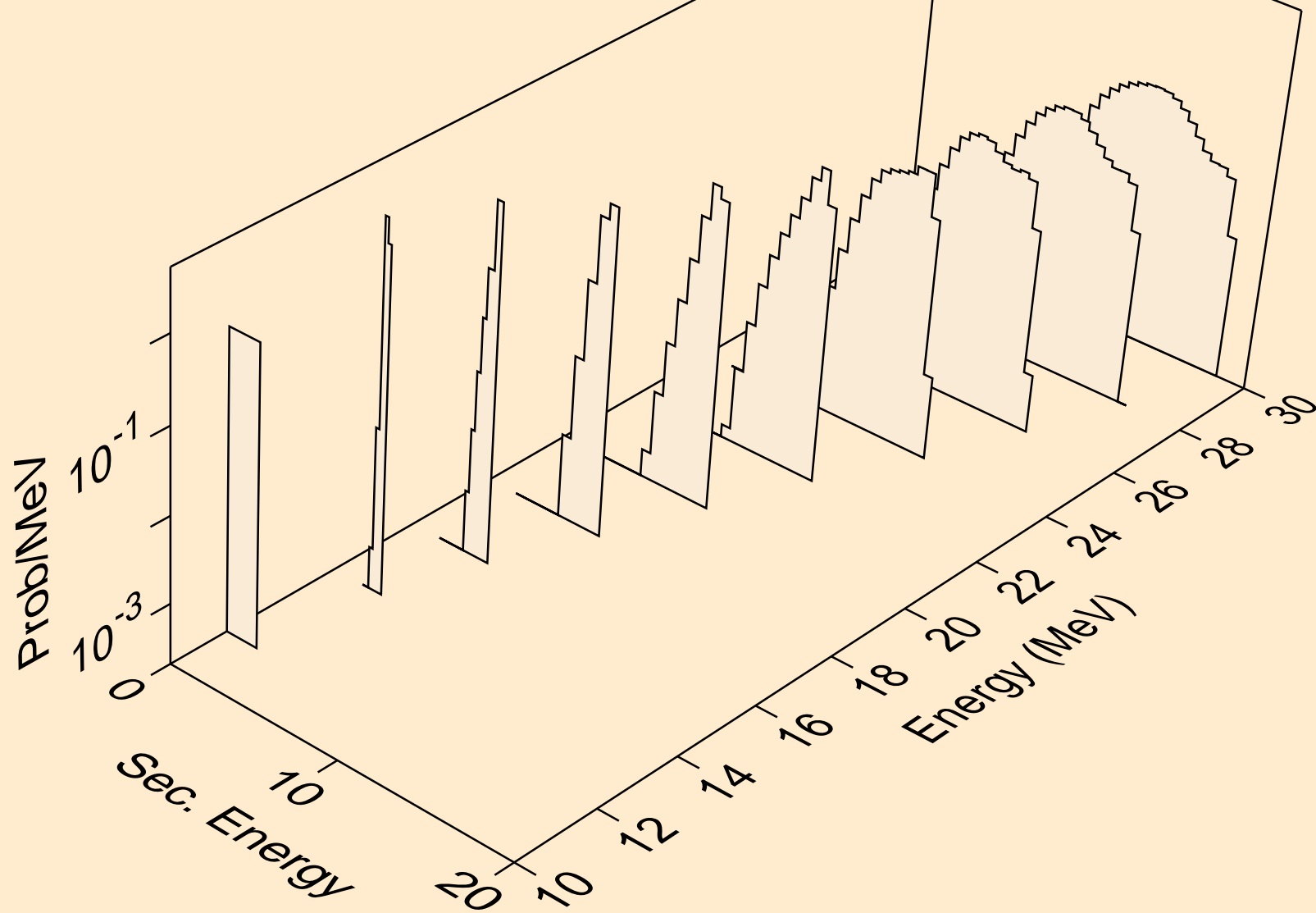




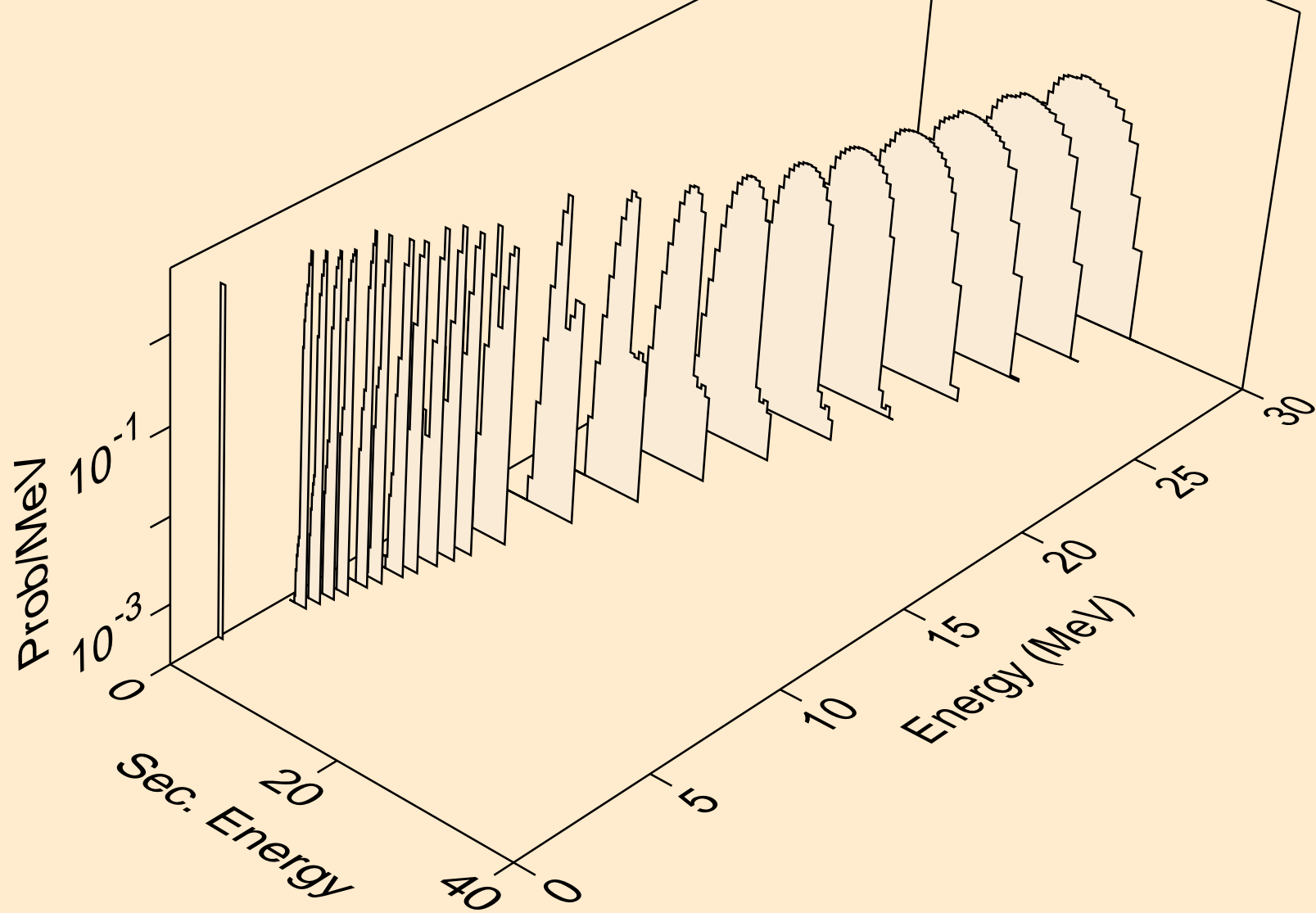
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



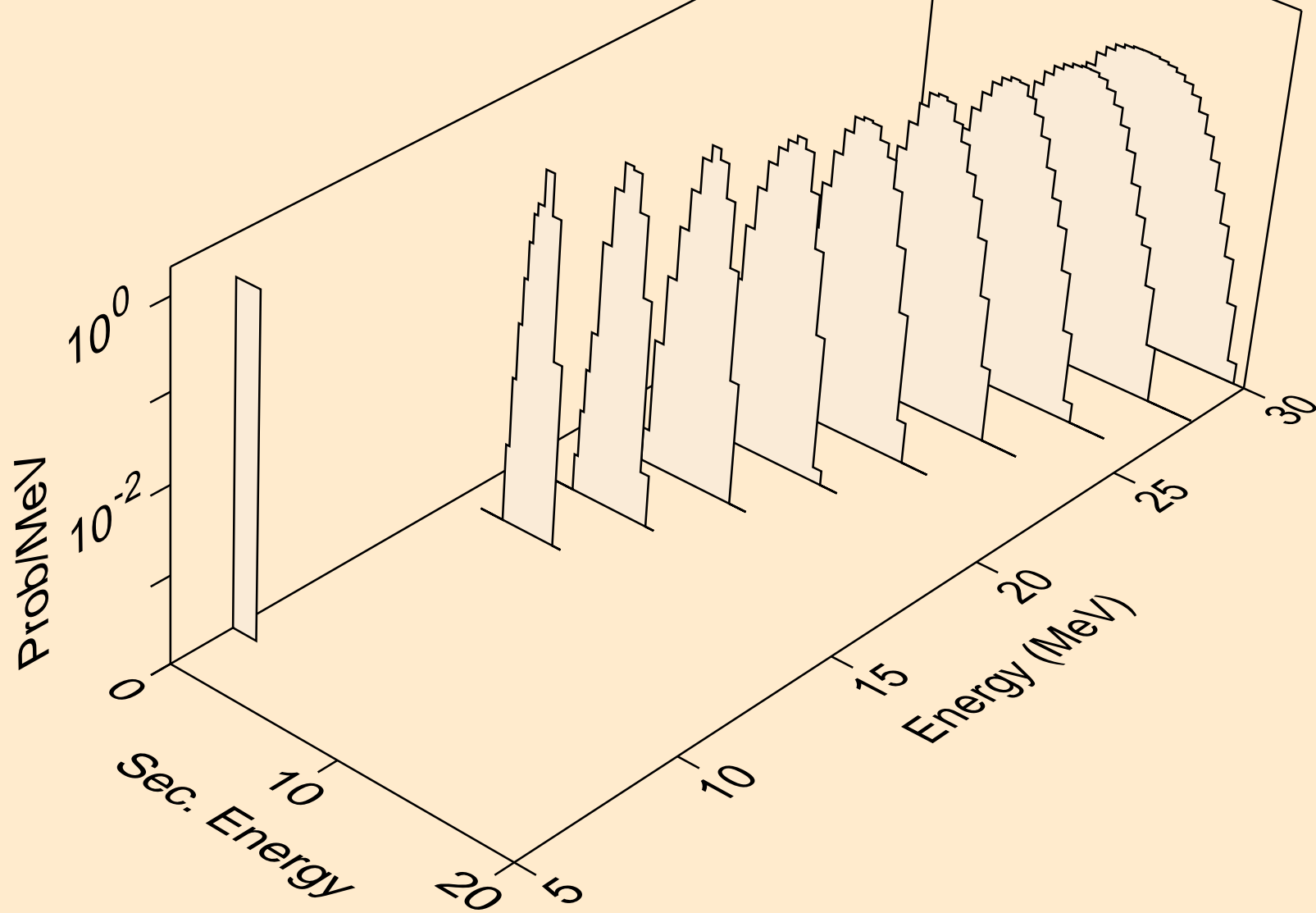
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



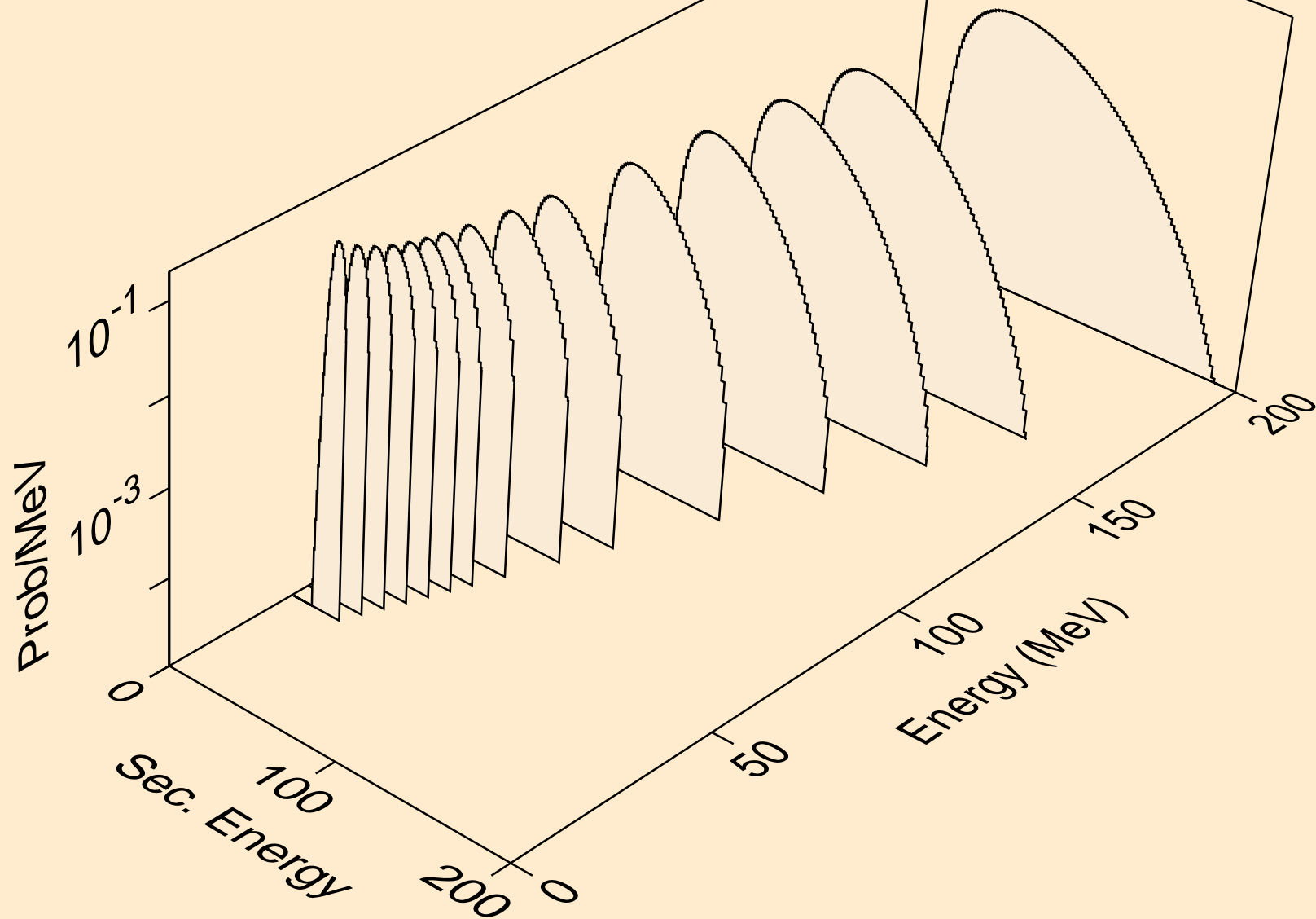
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



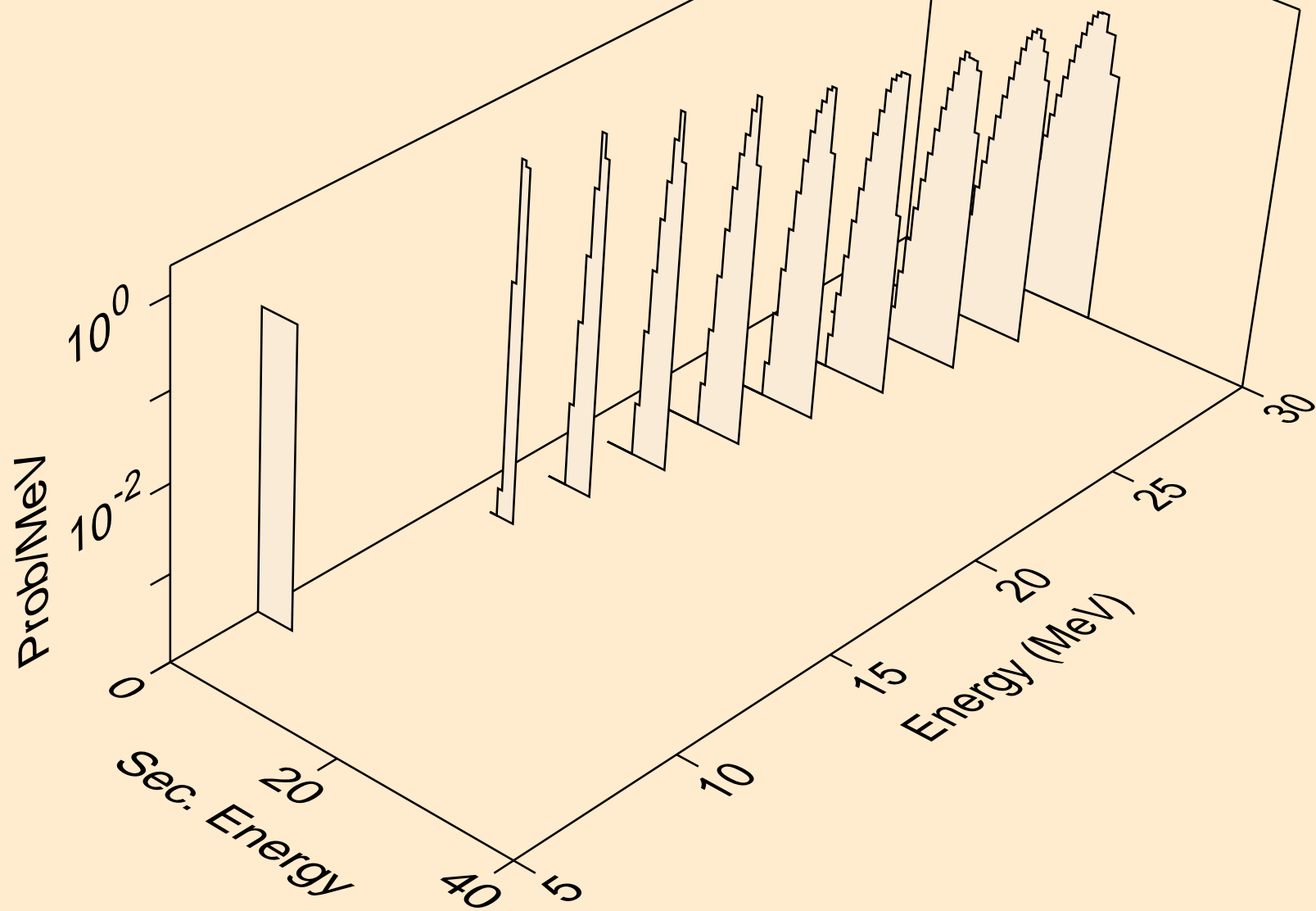
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



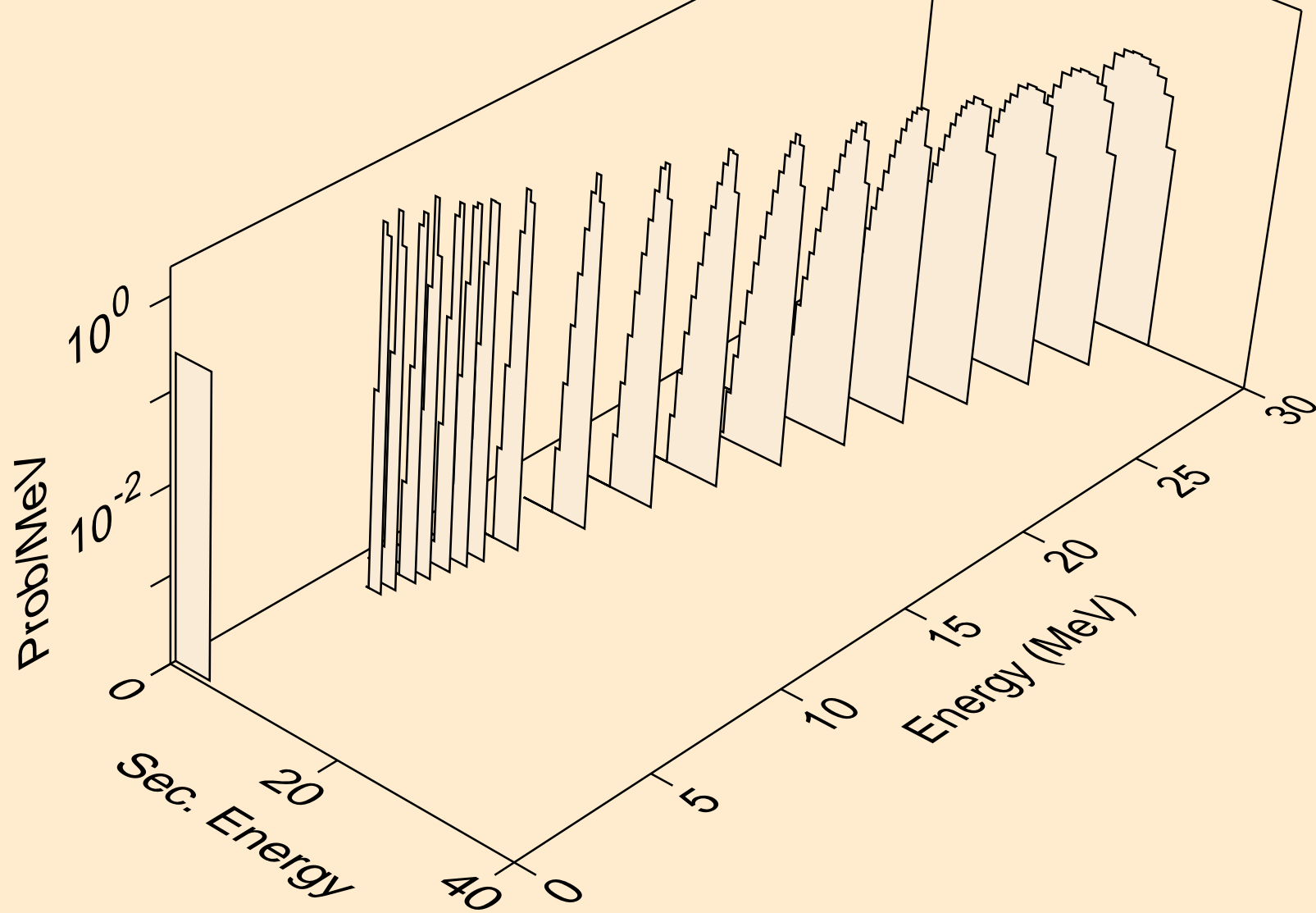
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



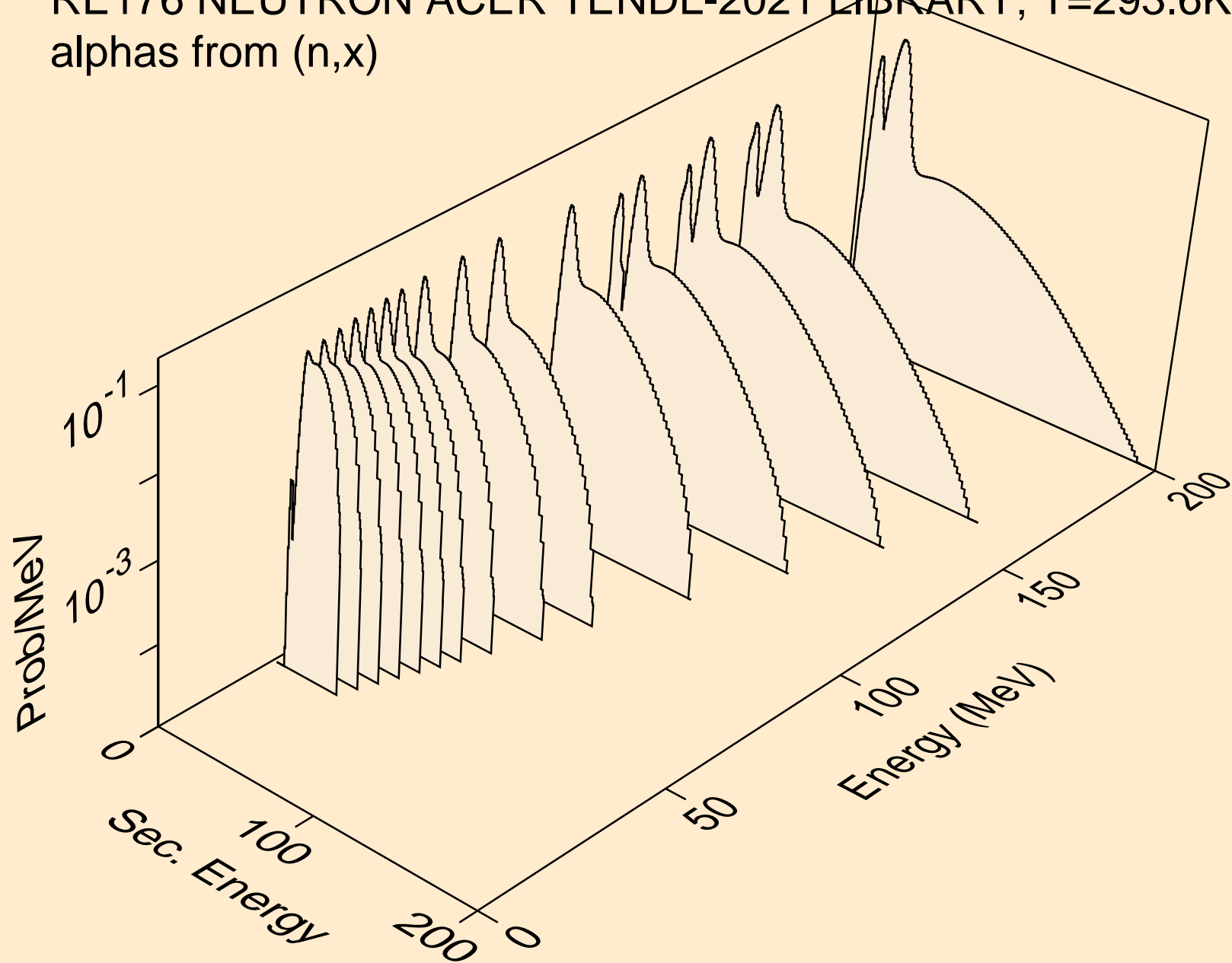
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

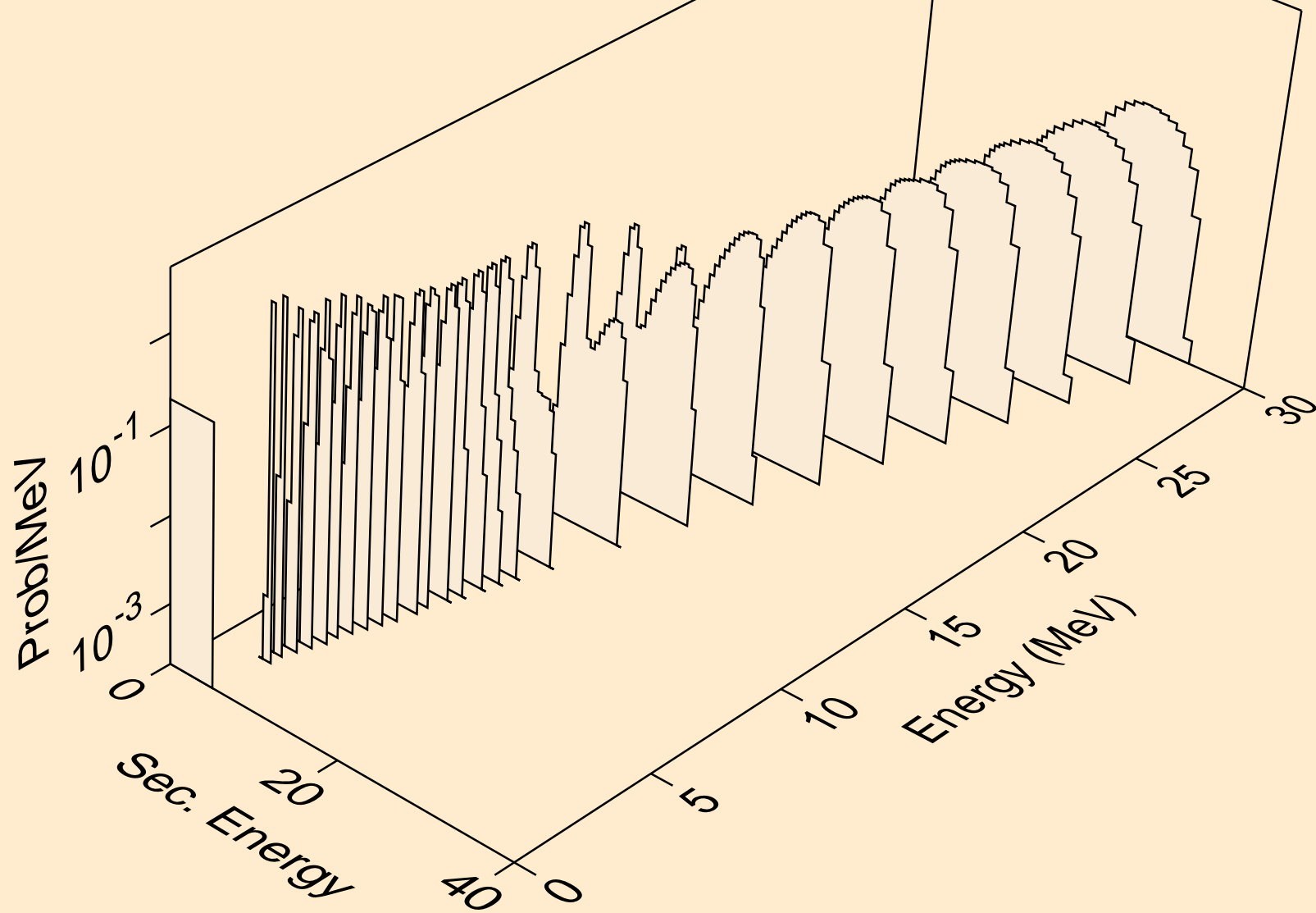


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

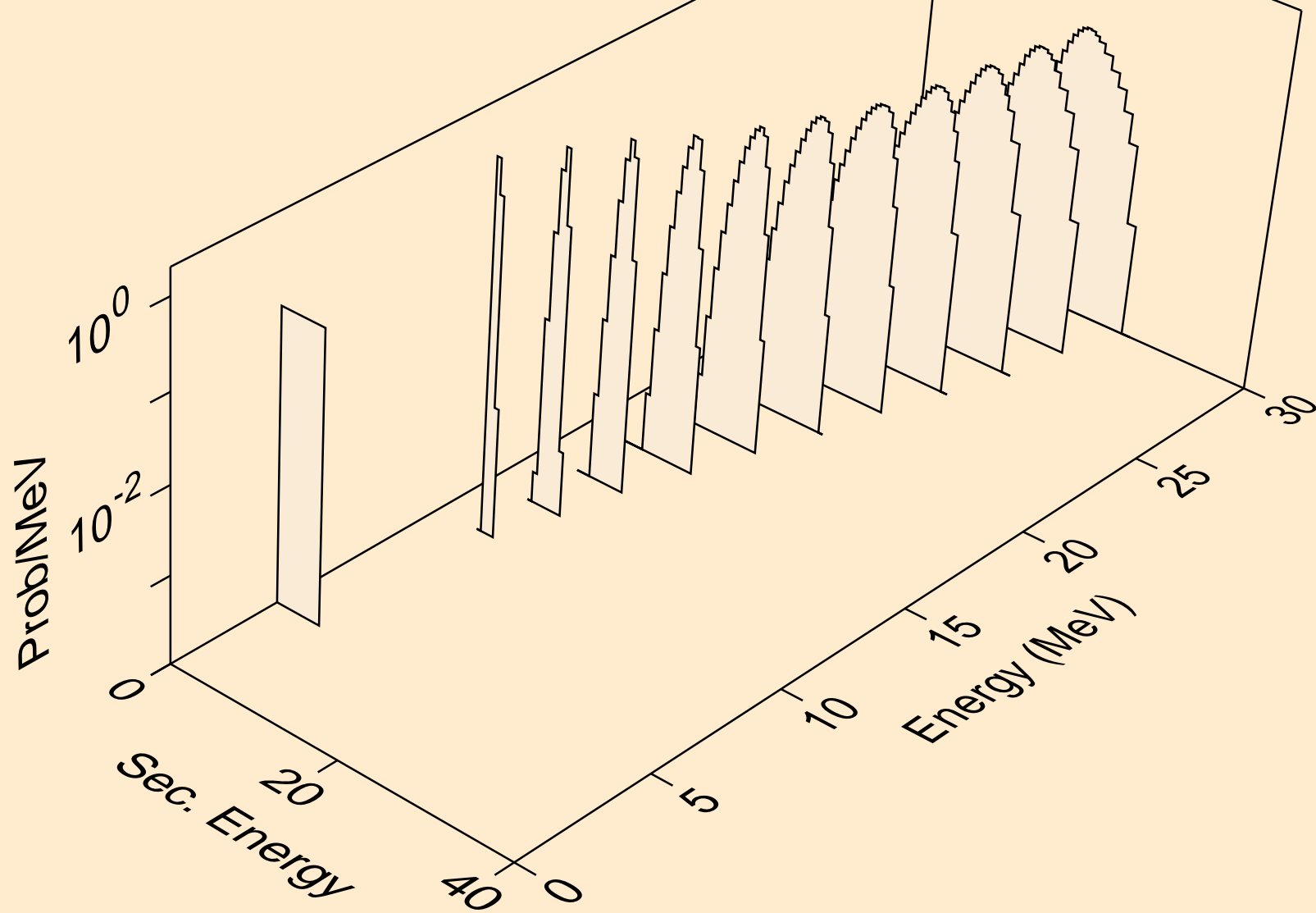




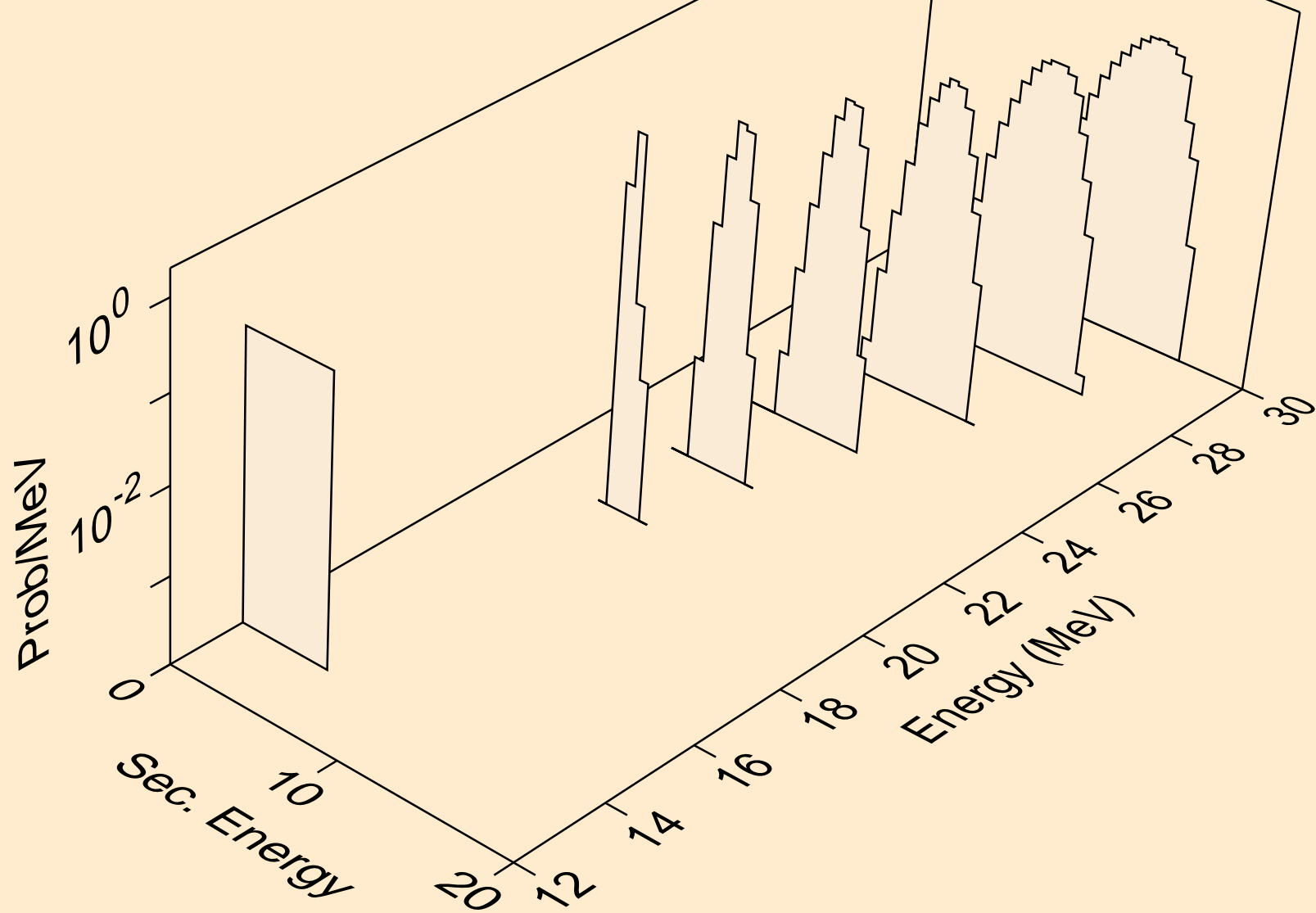
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



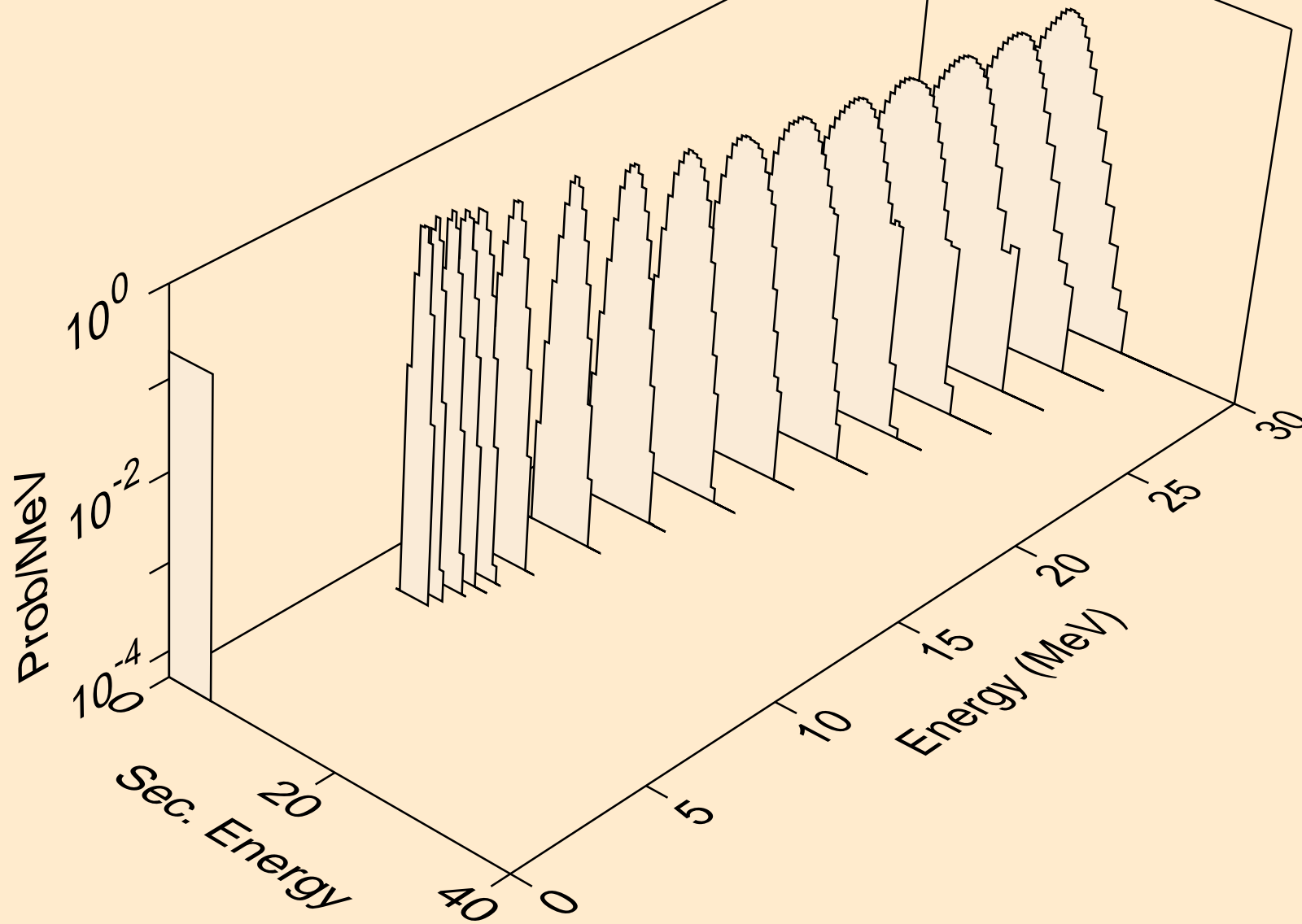
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



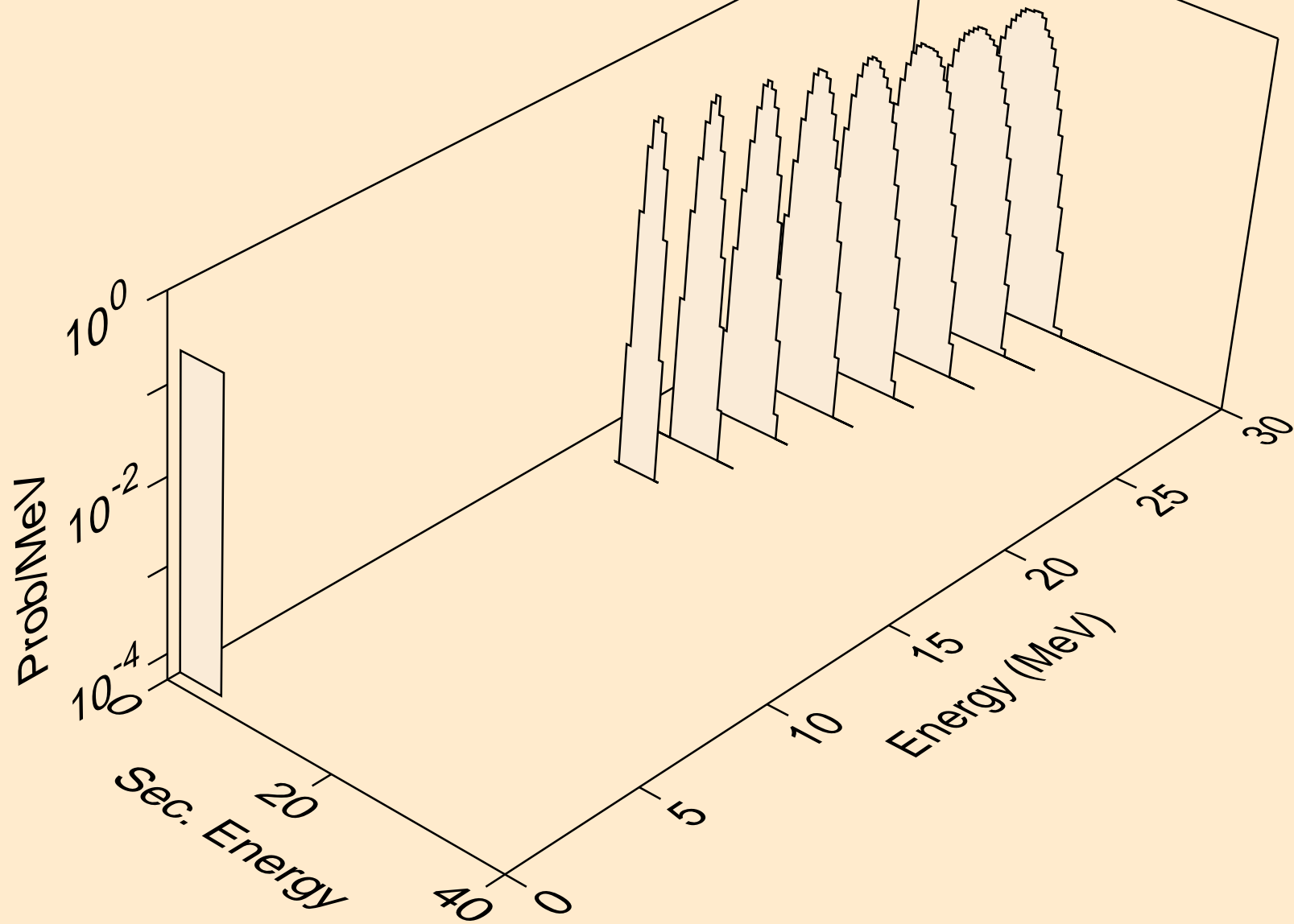
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



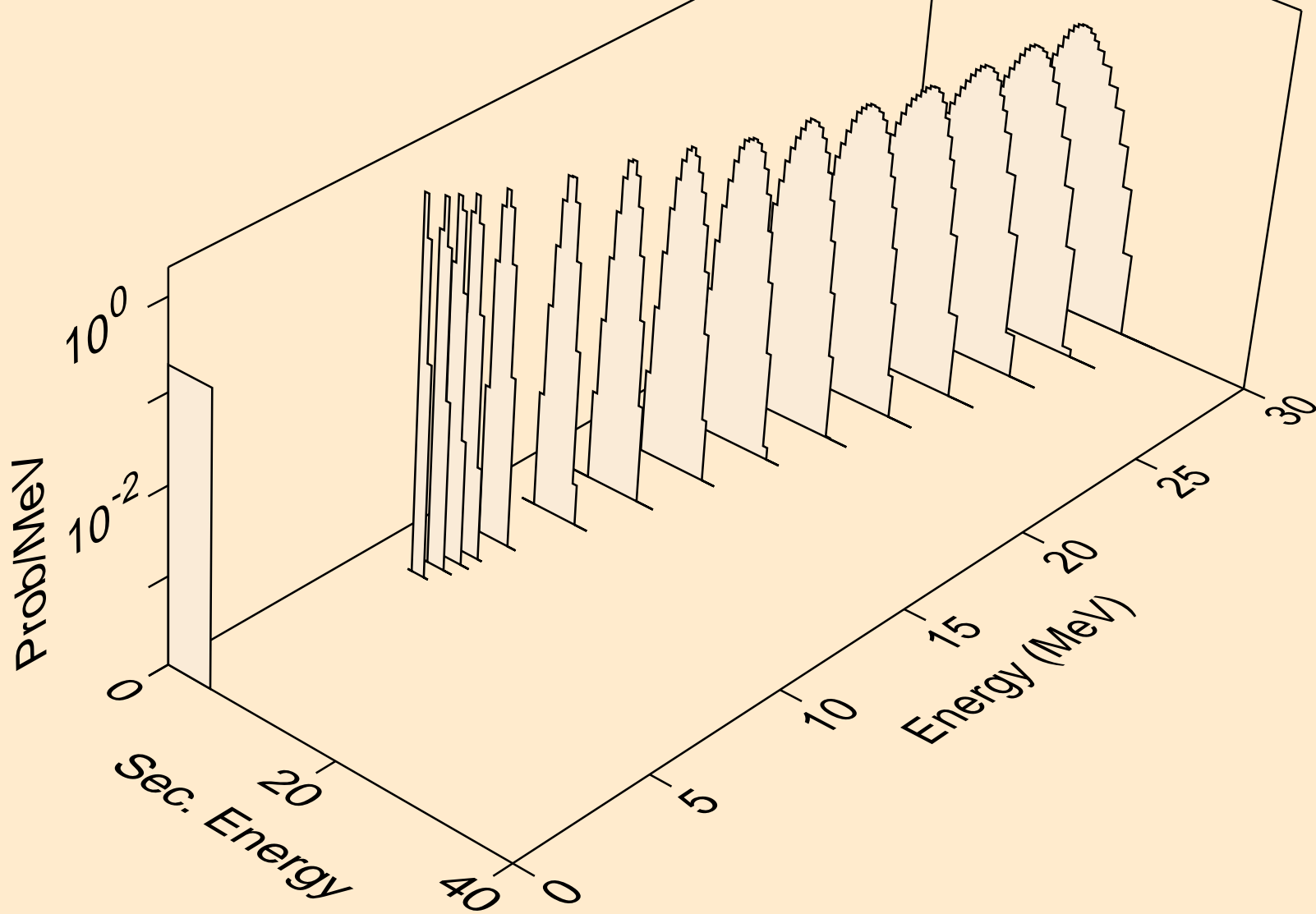
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alphas from (n,n\*)2a



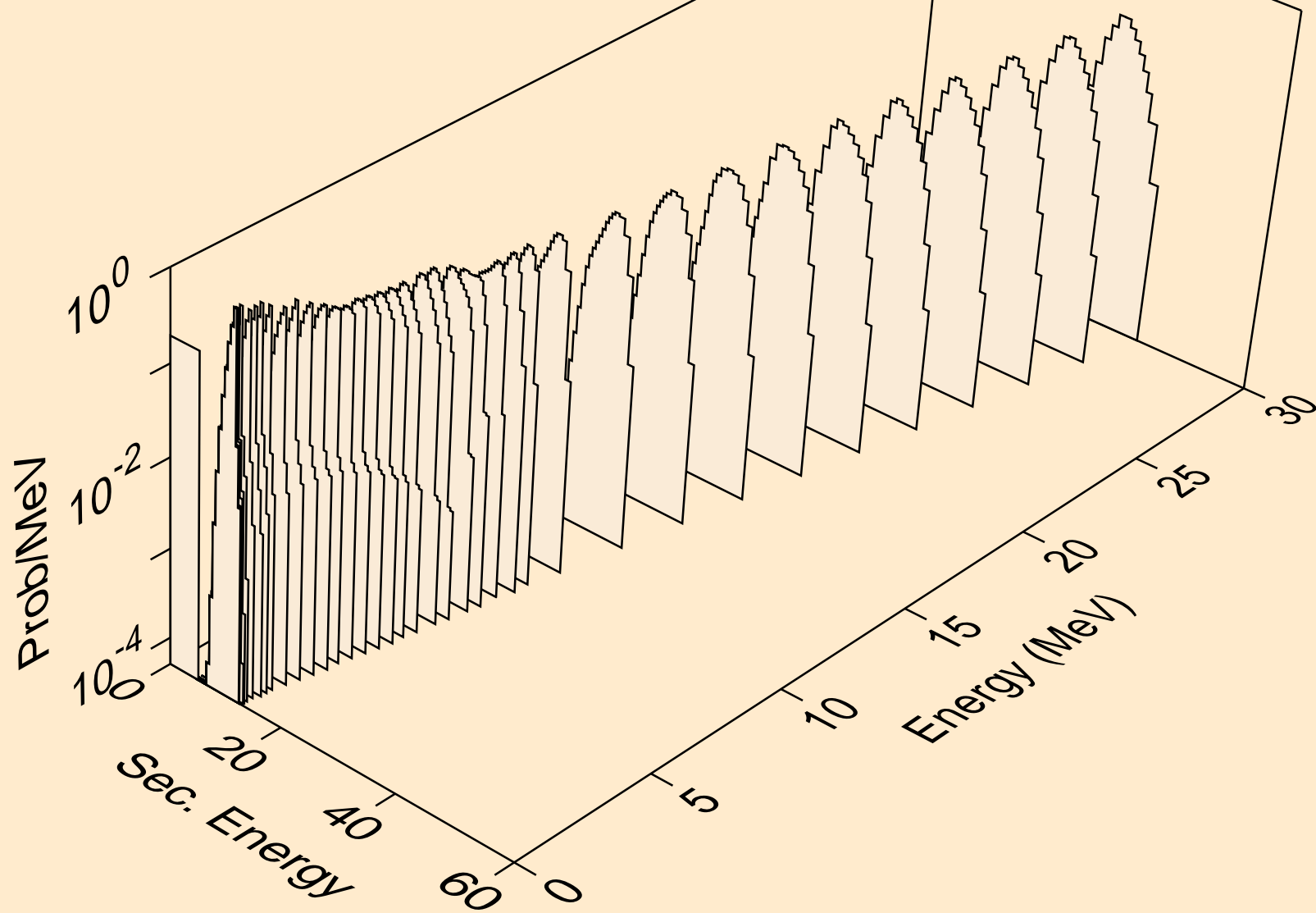
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



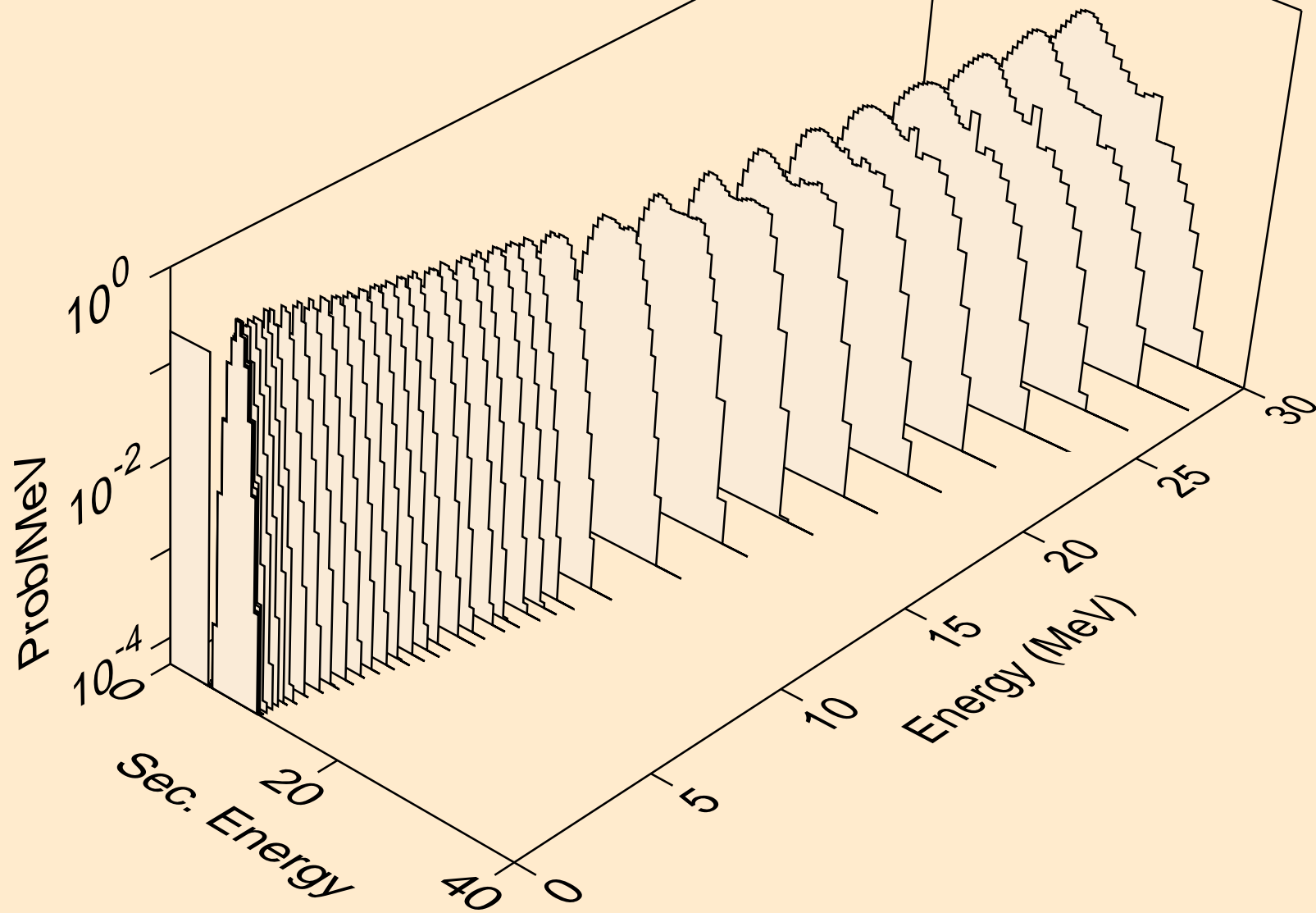
RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

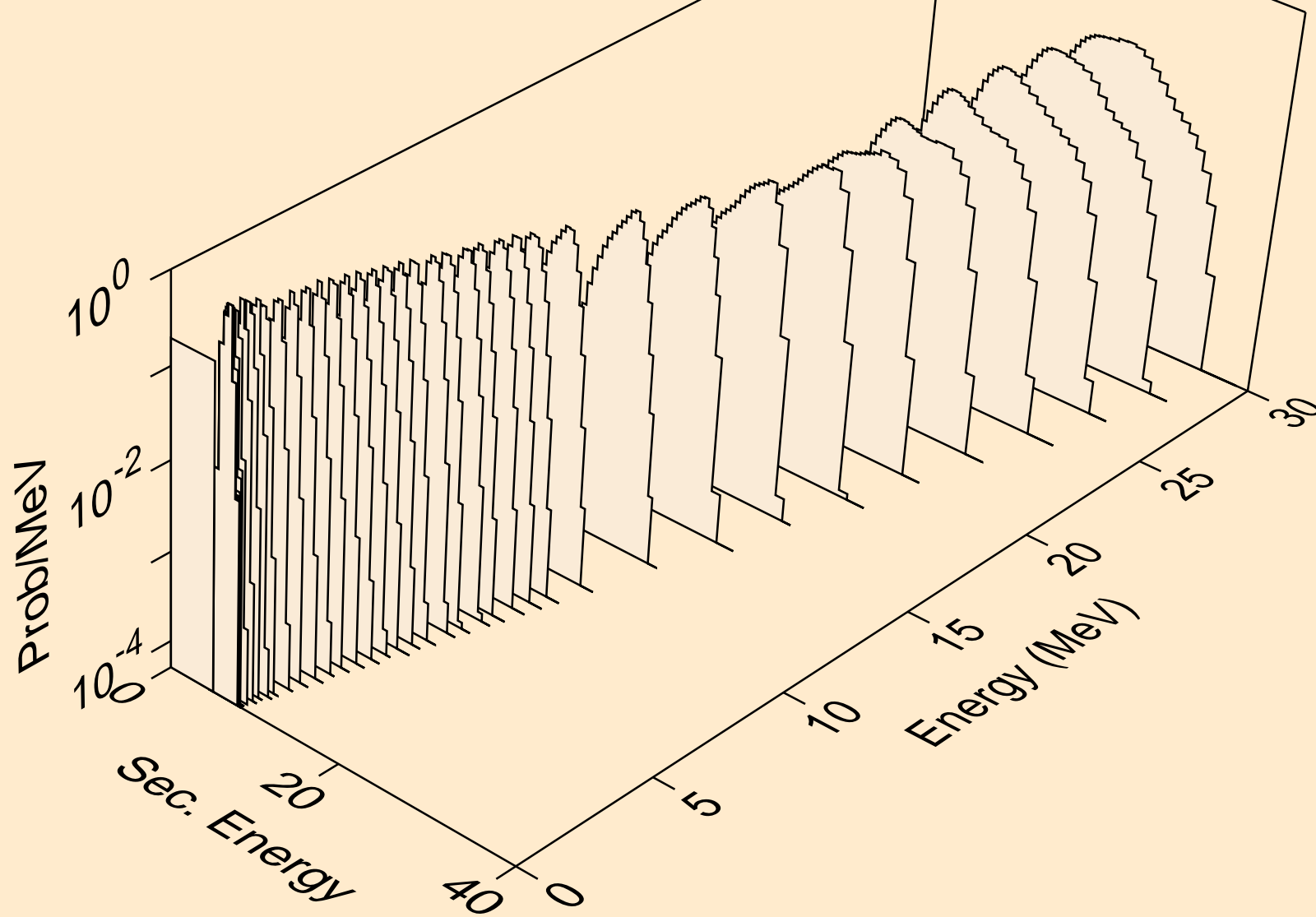


RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,p)



RE176 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

