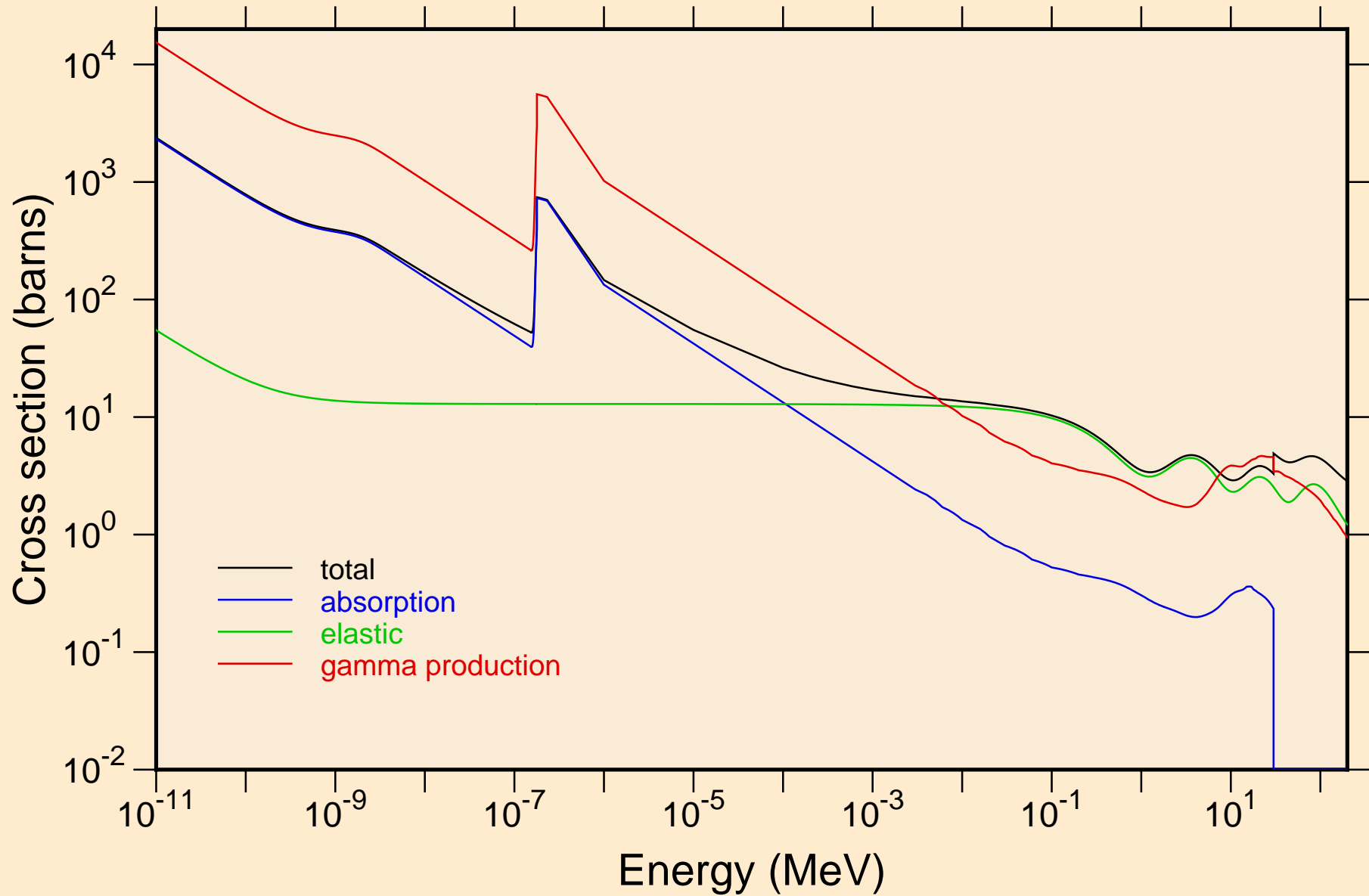
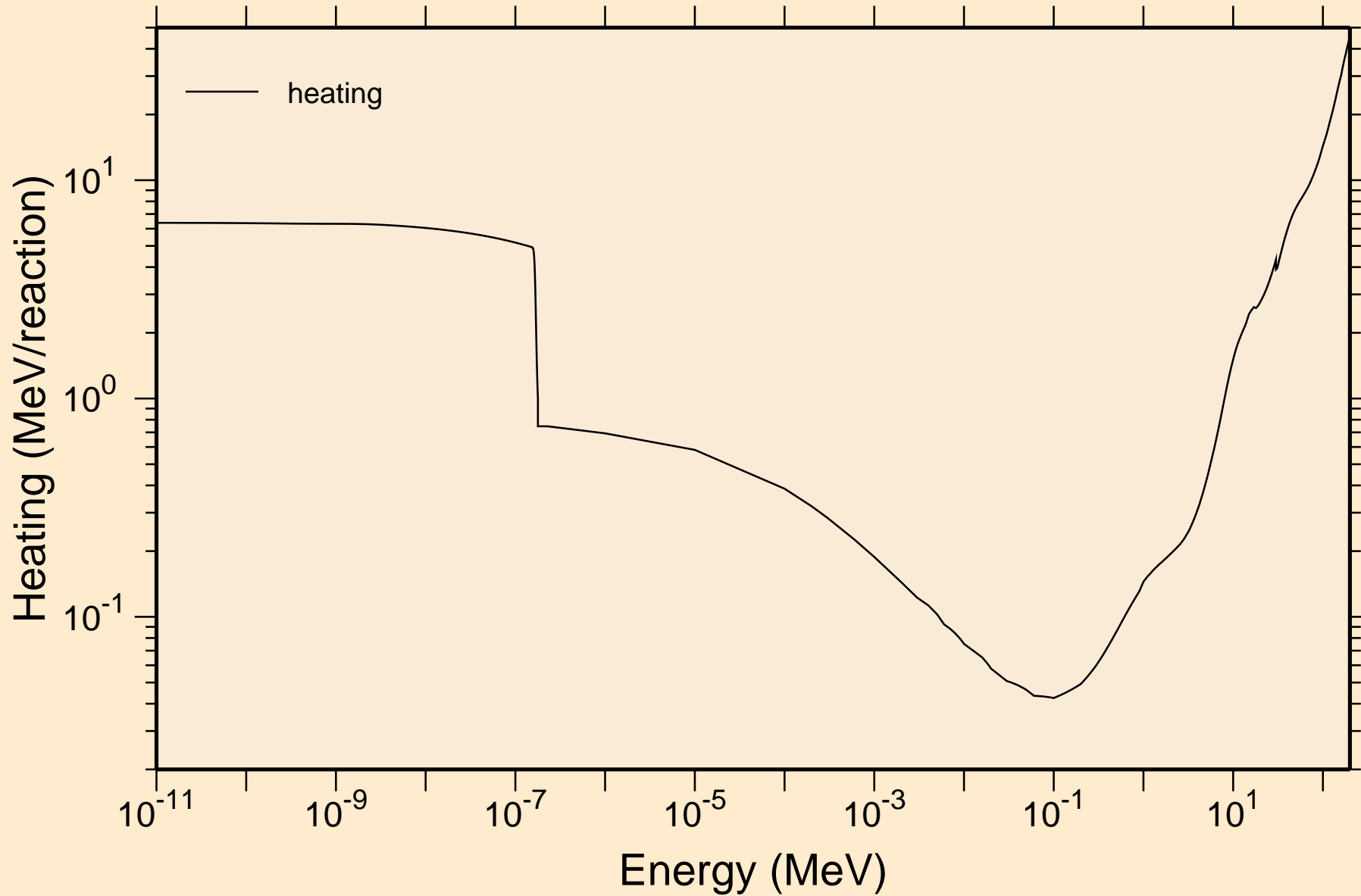


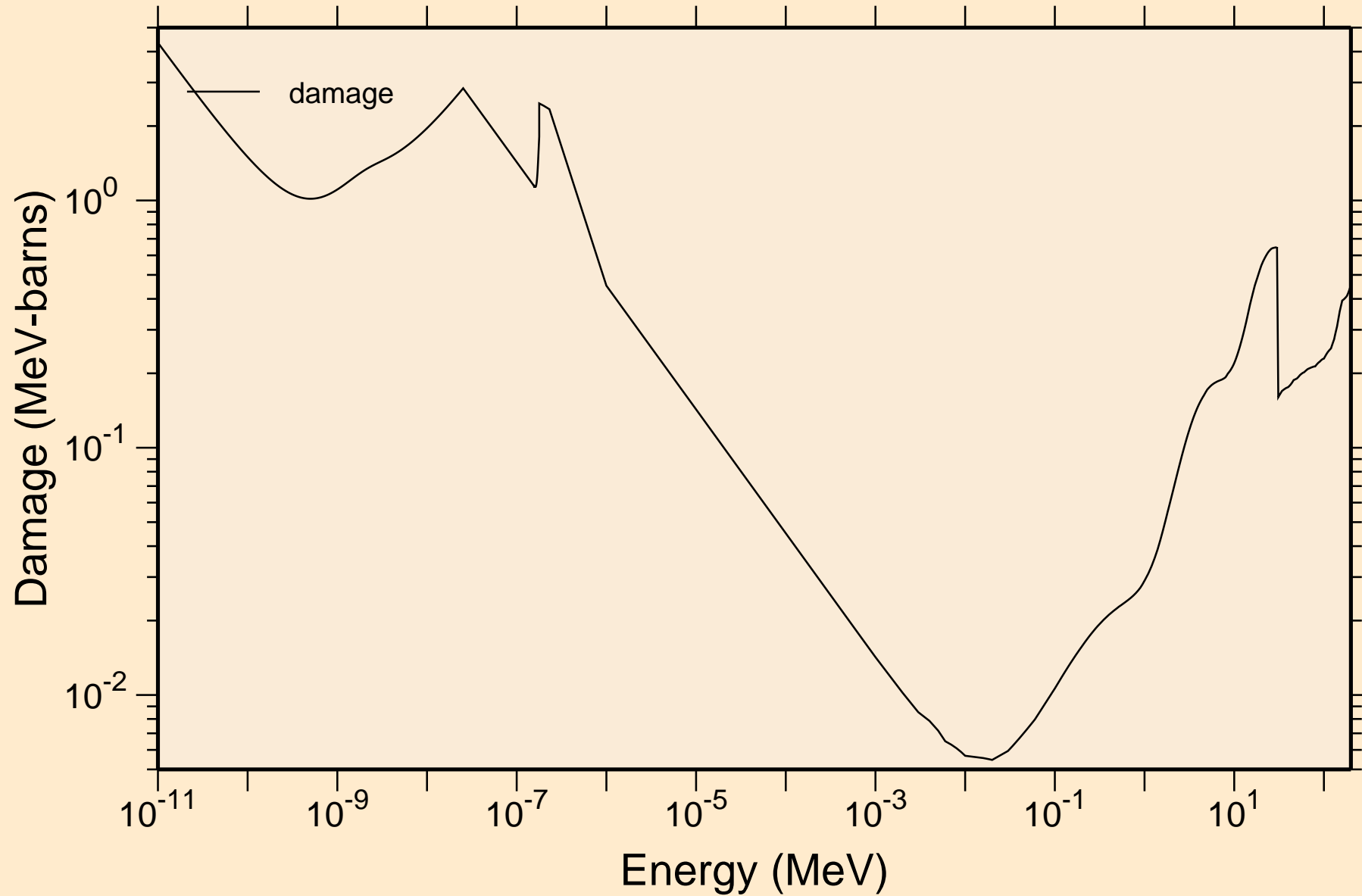
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



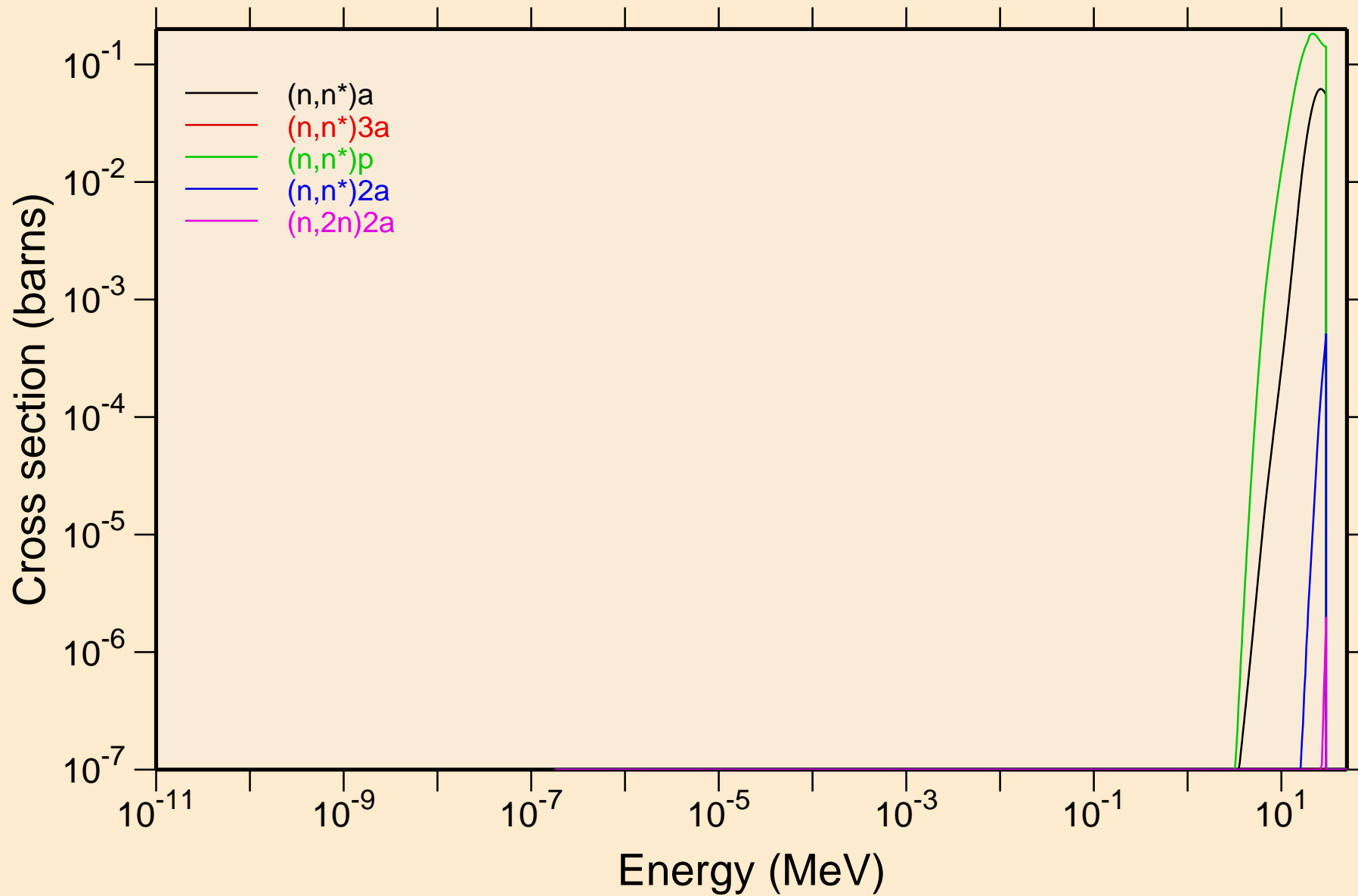
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



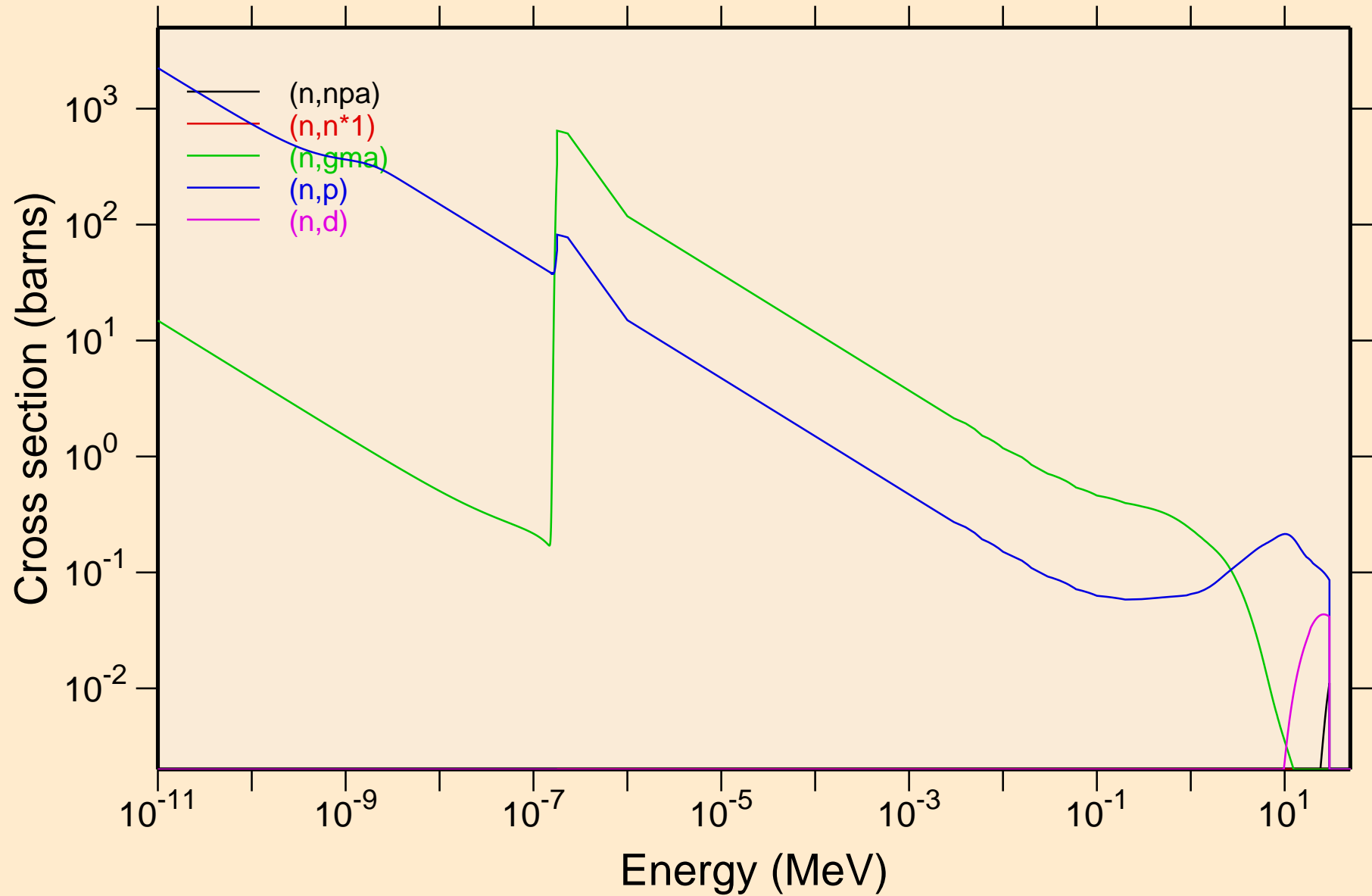
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Damage



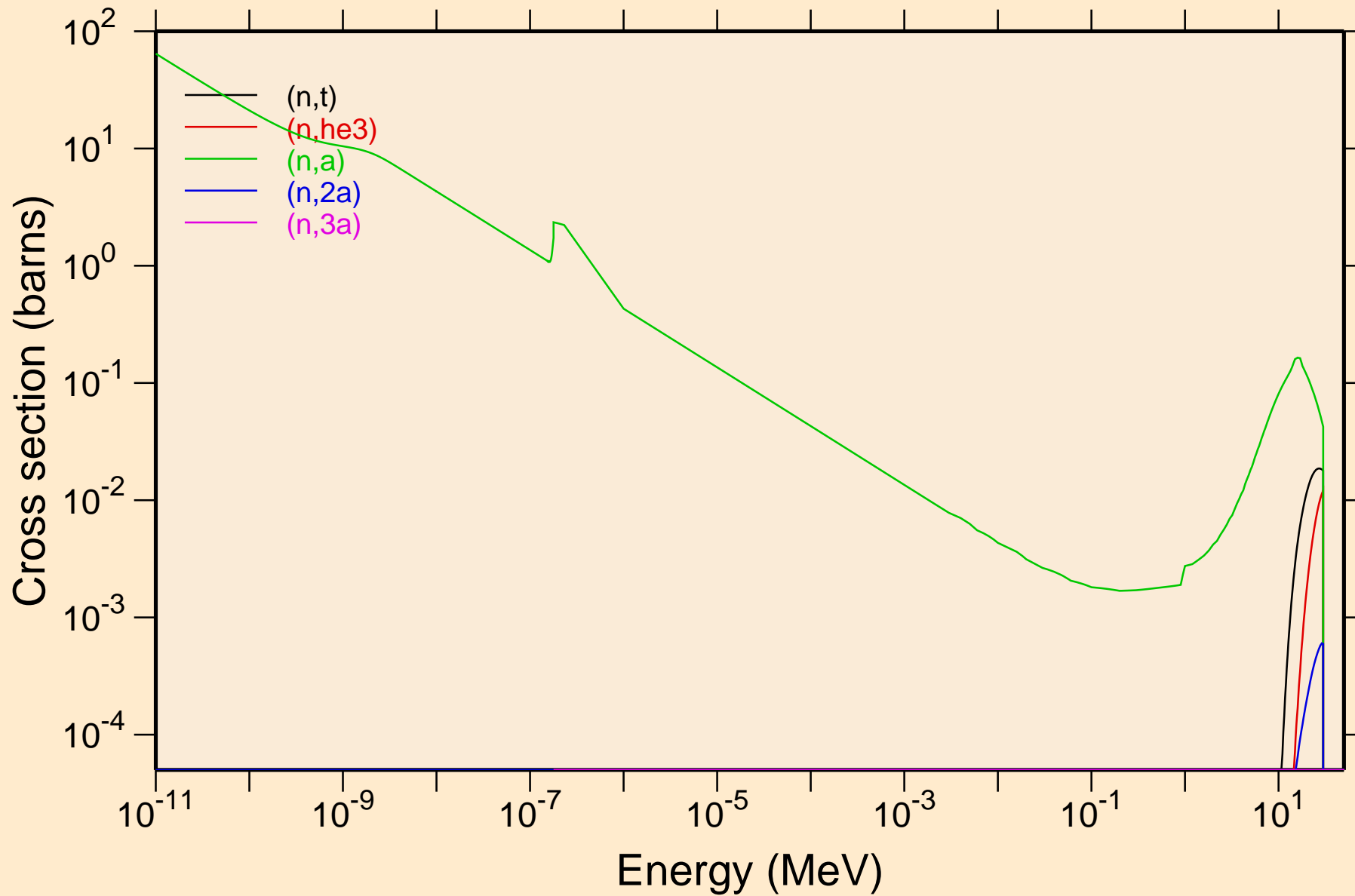
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Non-threshold reactions



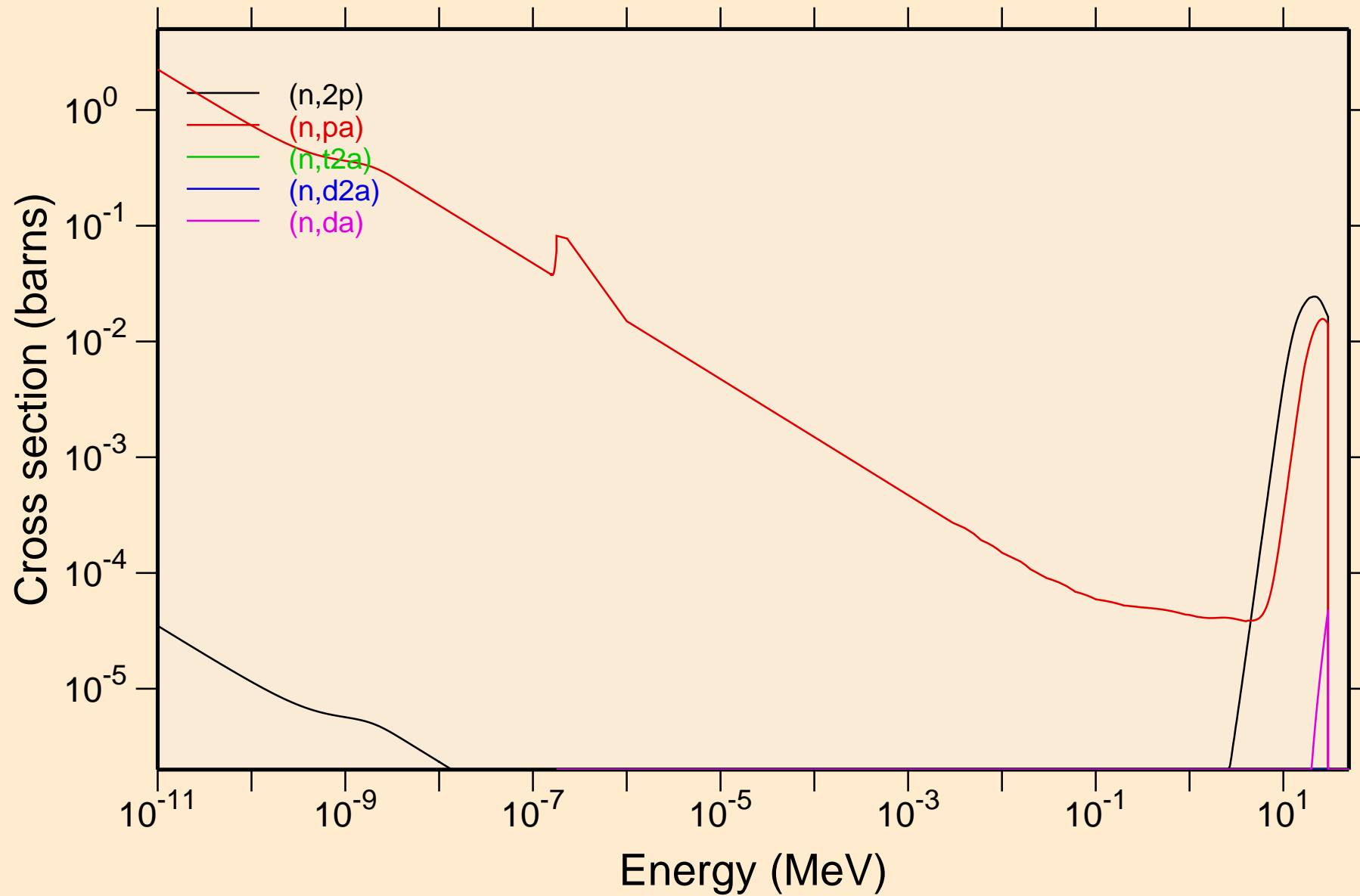
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Non-threshold reactions



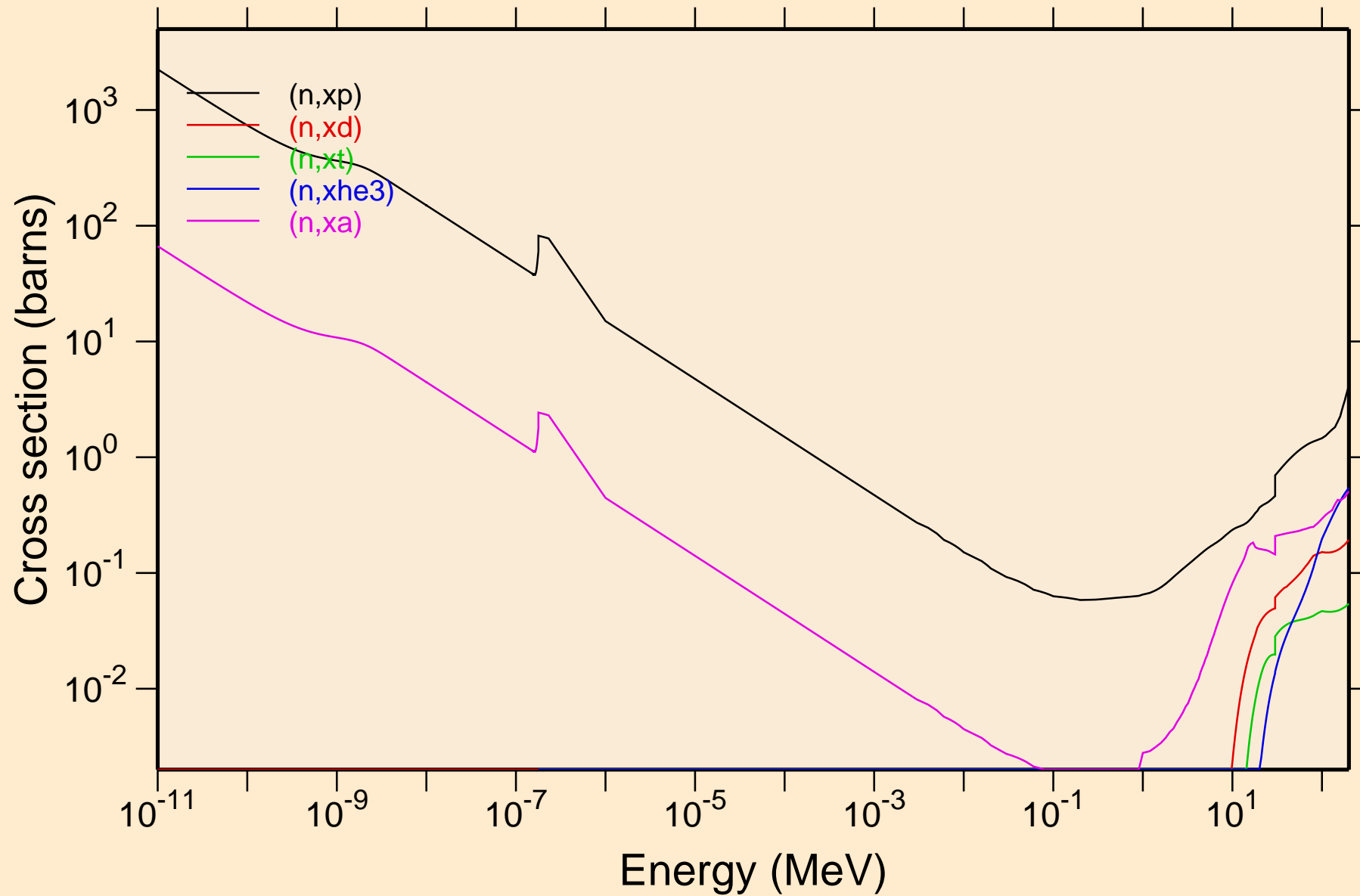
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

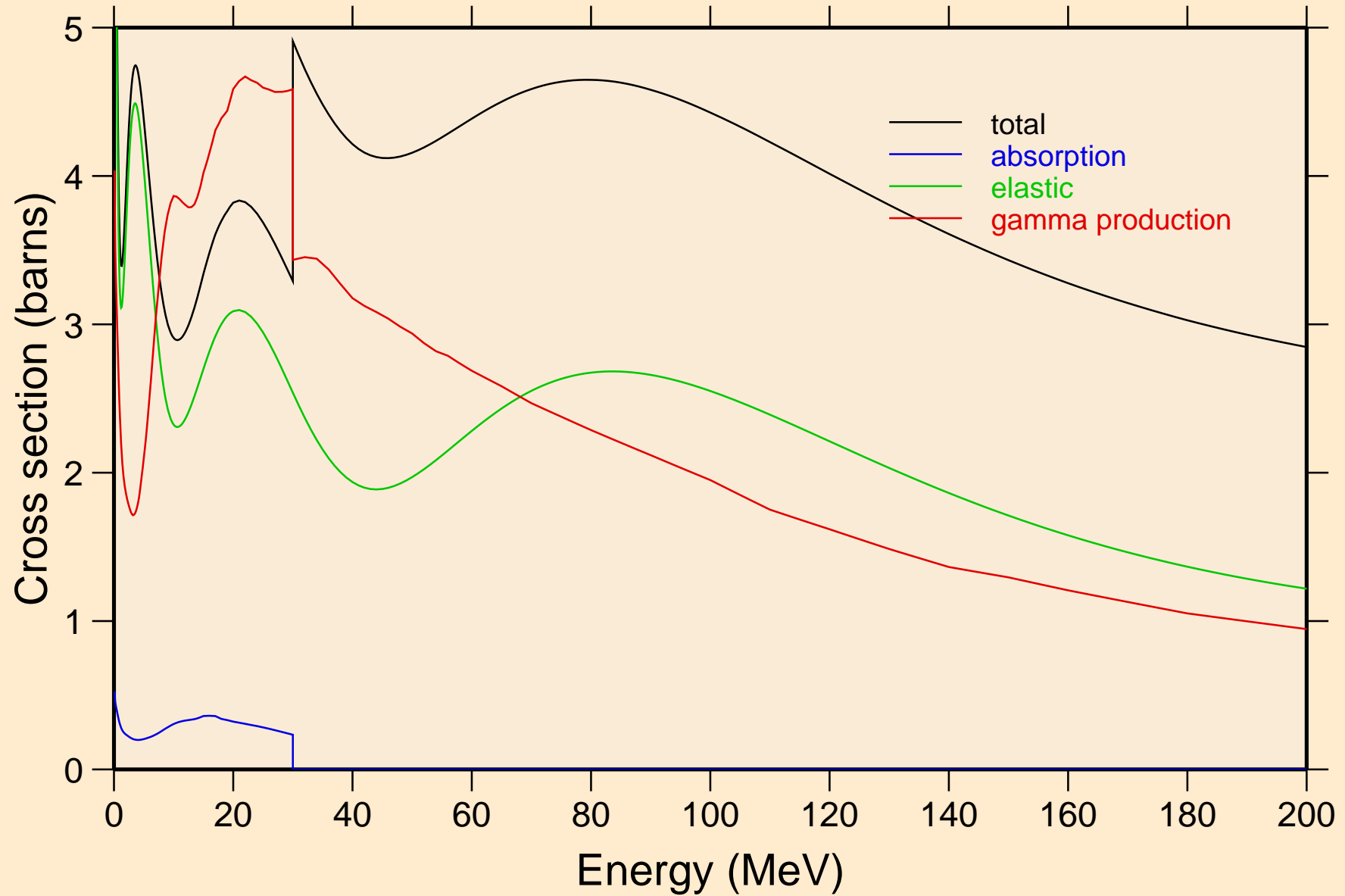


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Non-threshold reactions



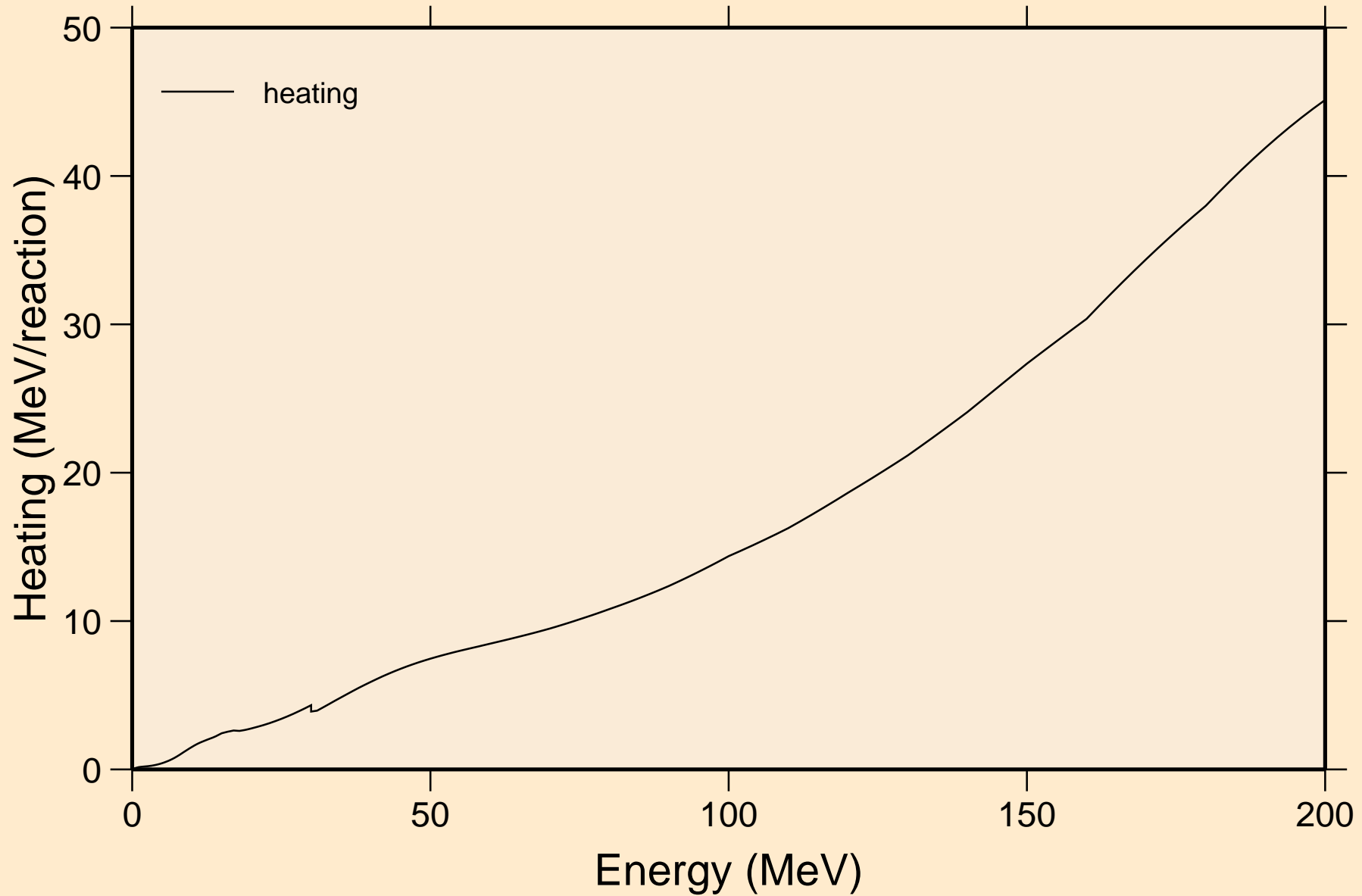


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Principal cross sections

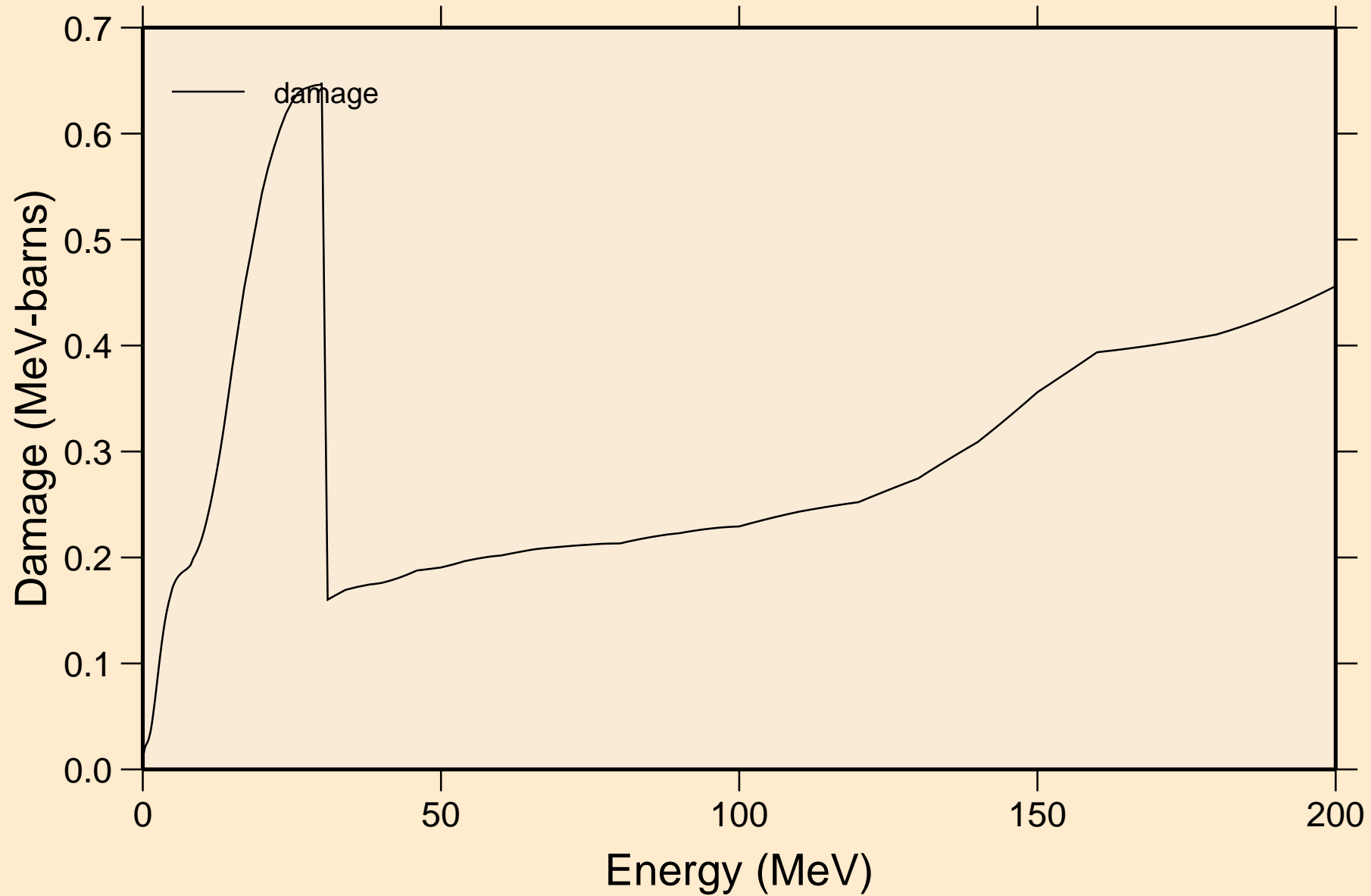


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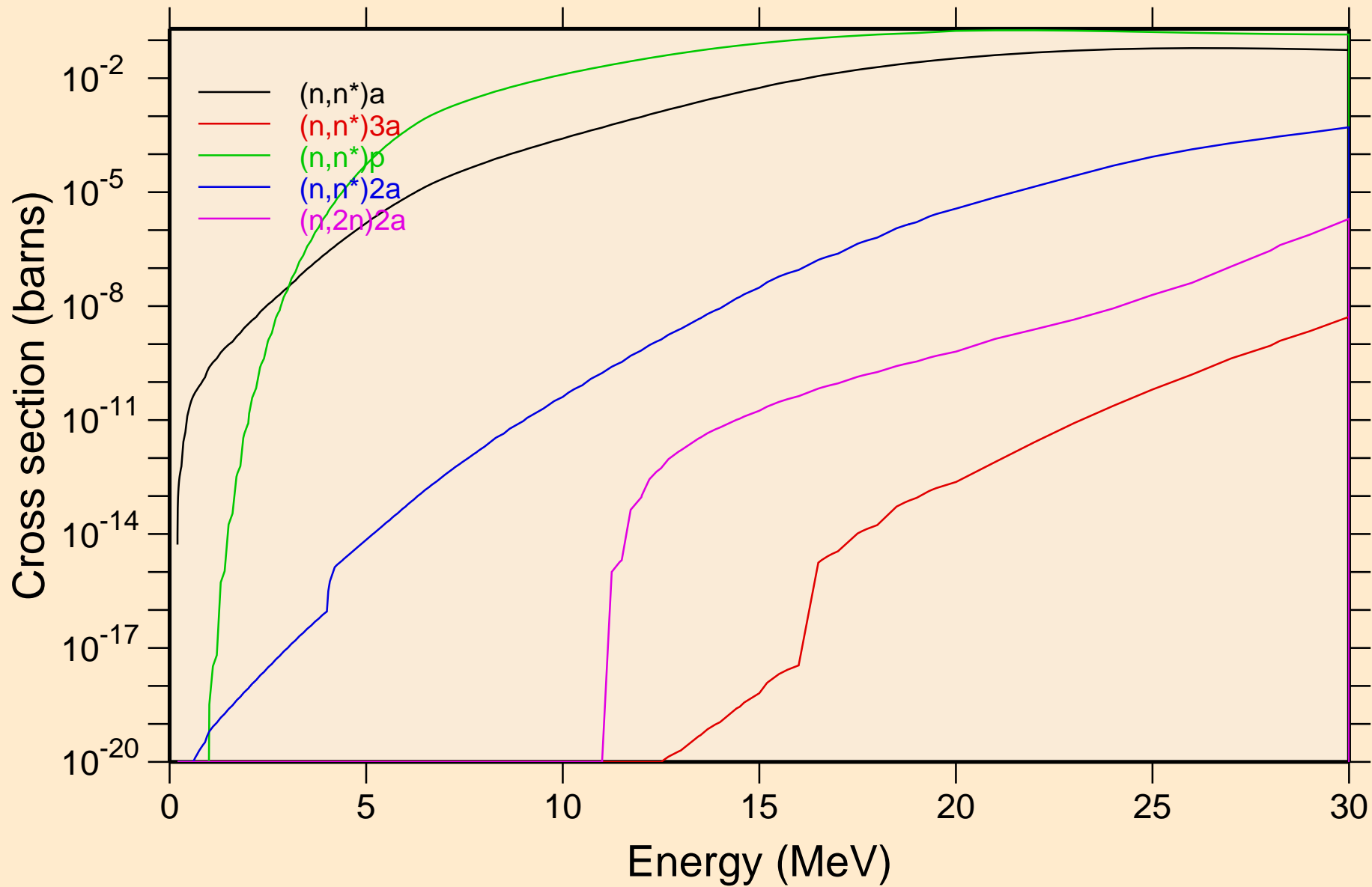
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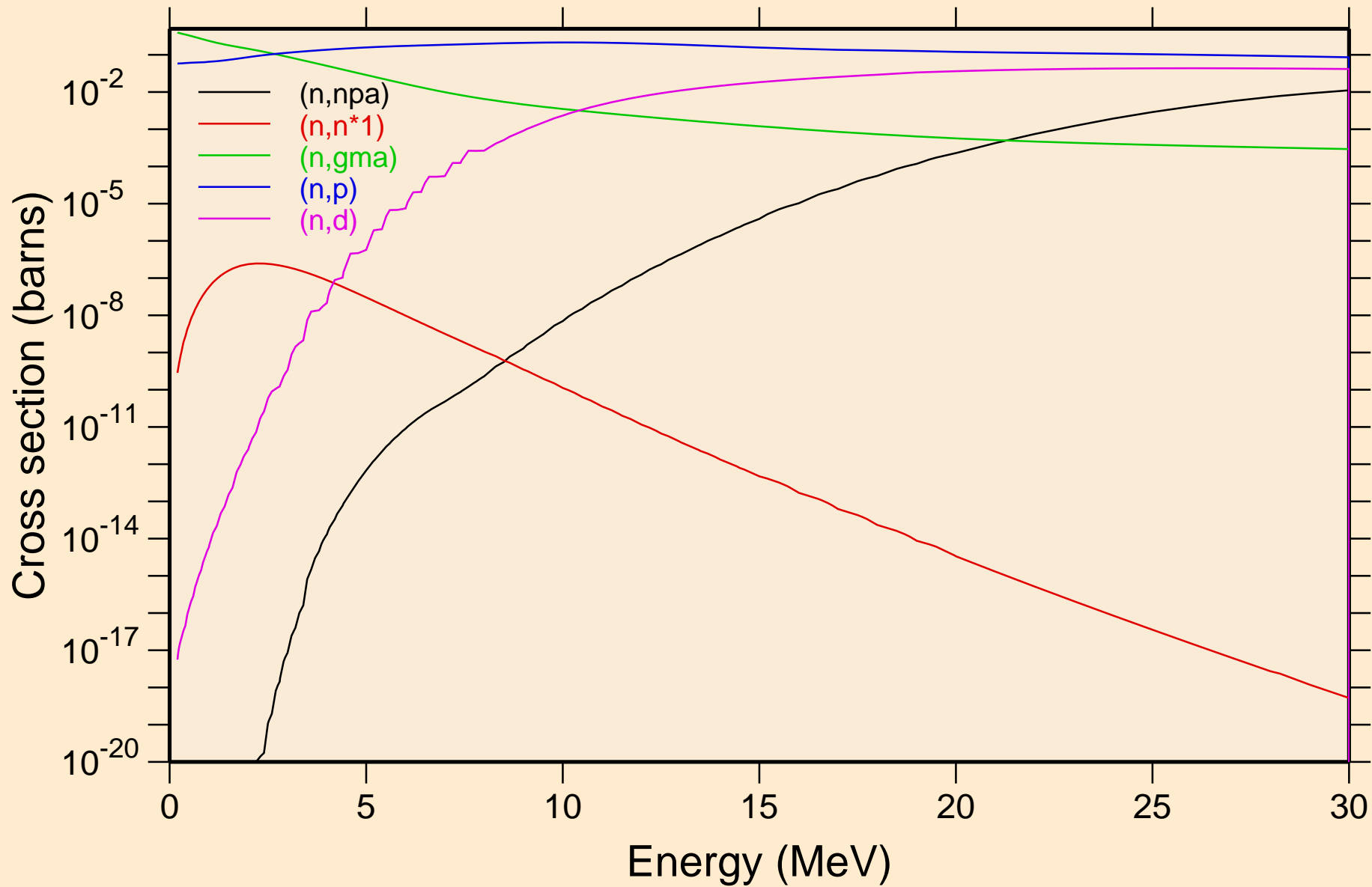
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Damage



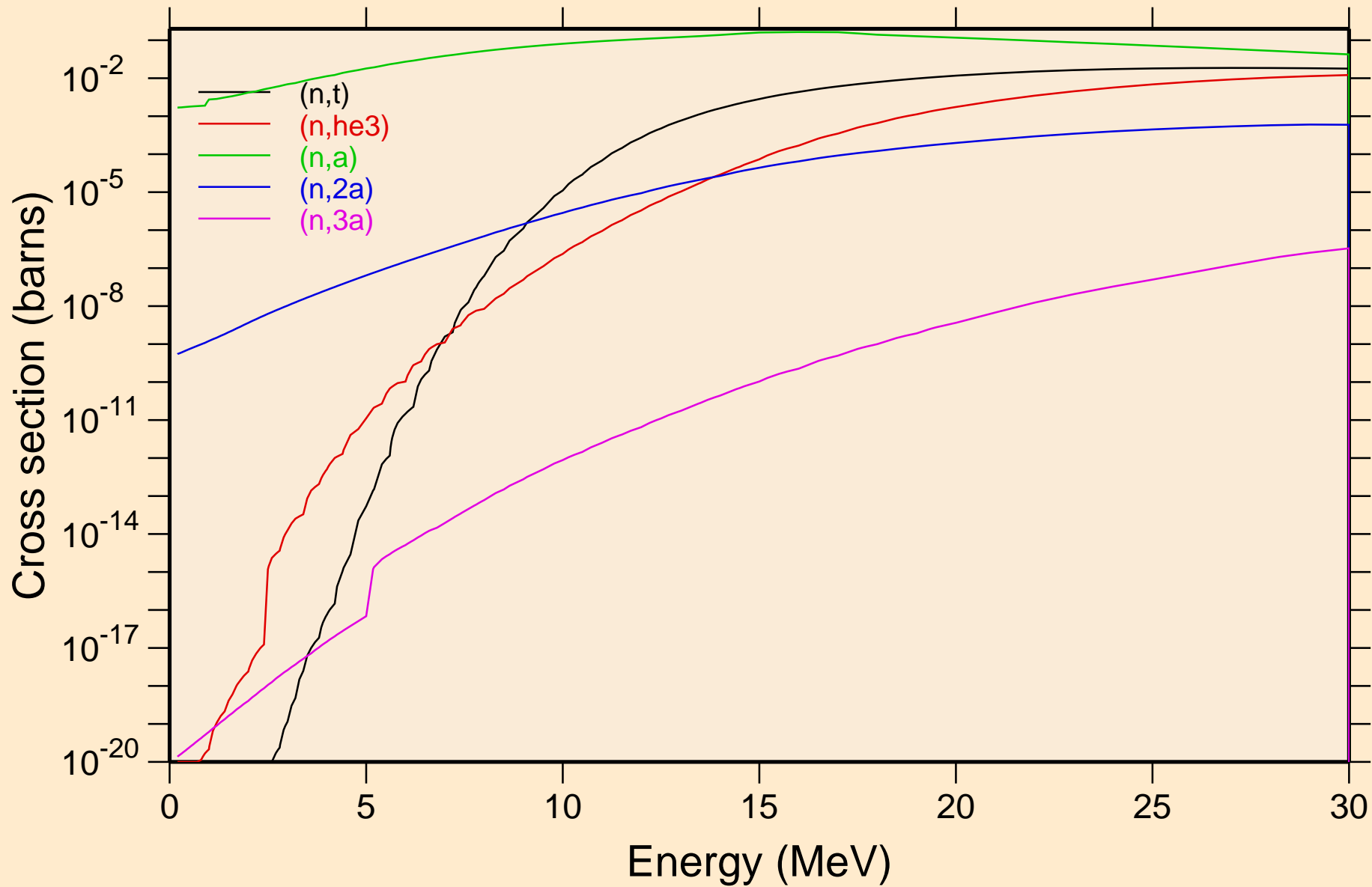
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Non-threshold reactions



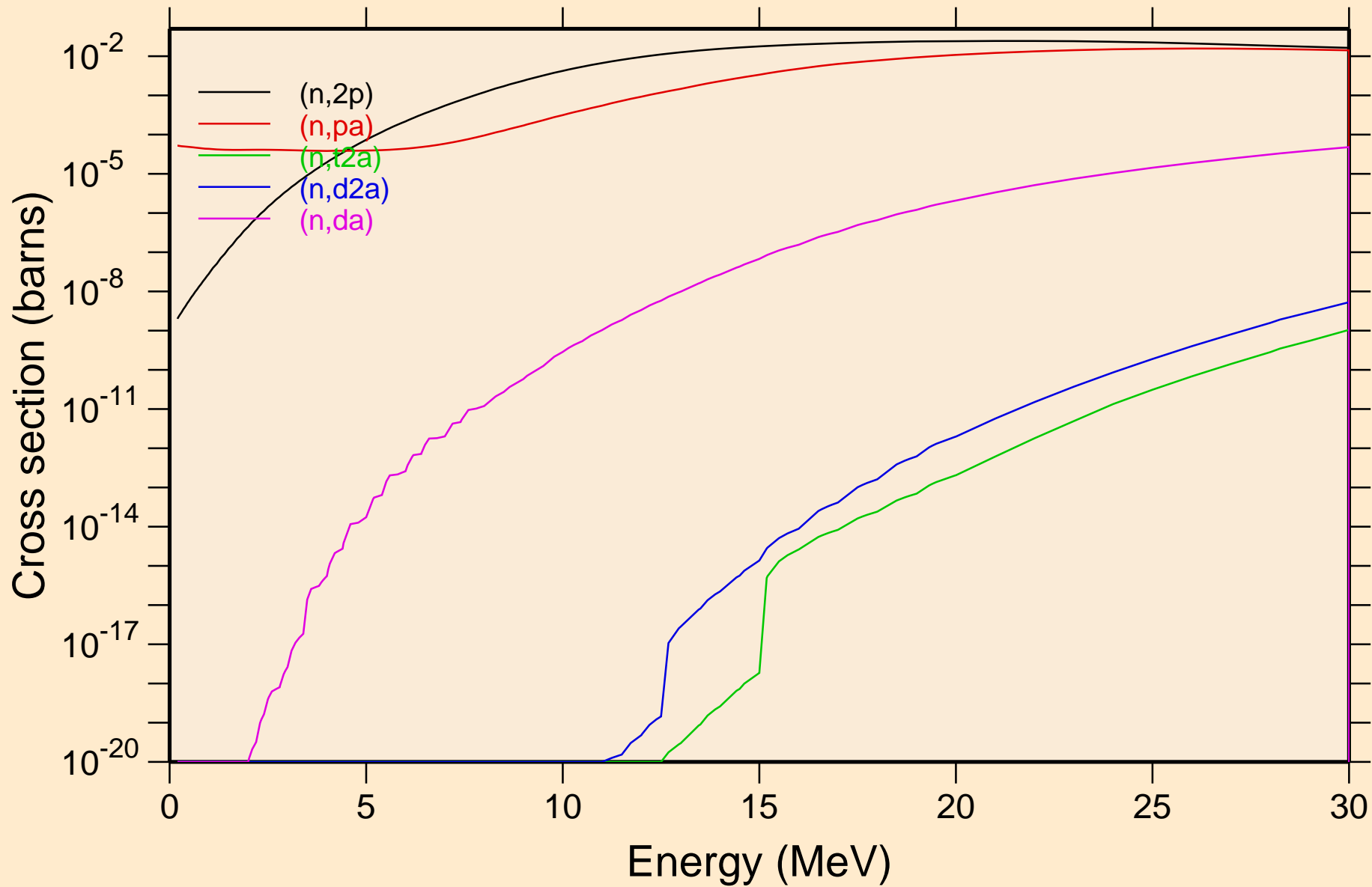
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Non-threshold reactions



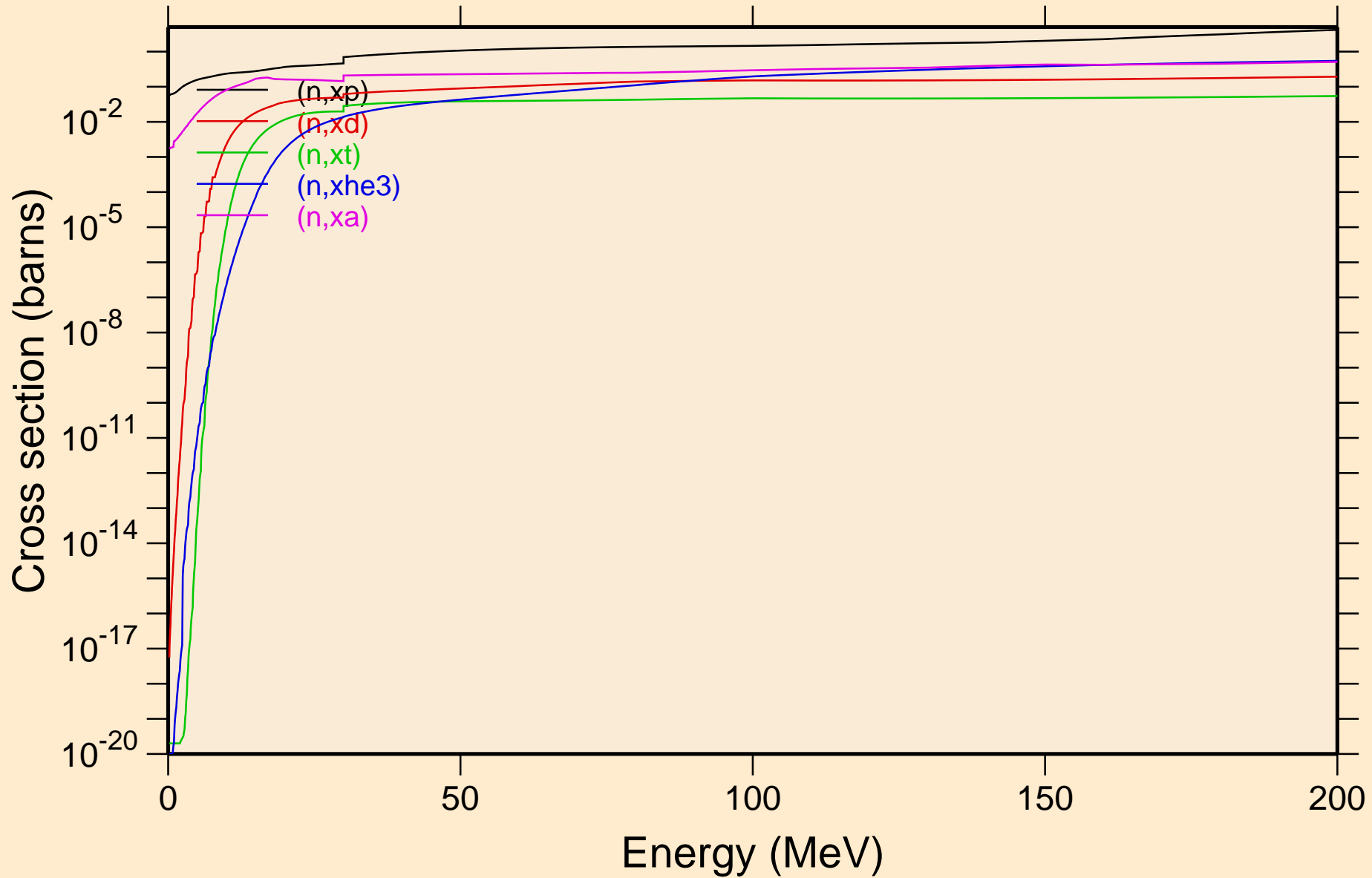
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Non-threshold reactions



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

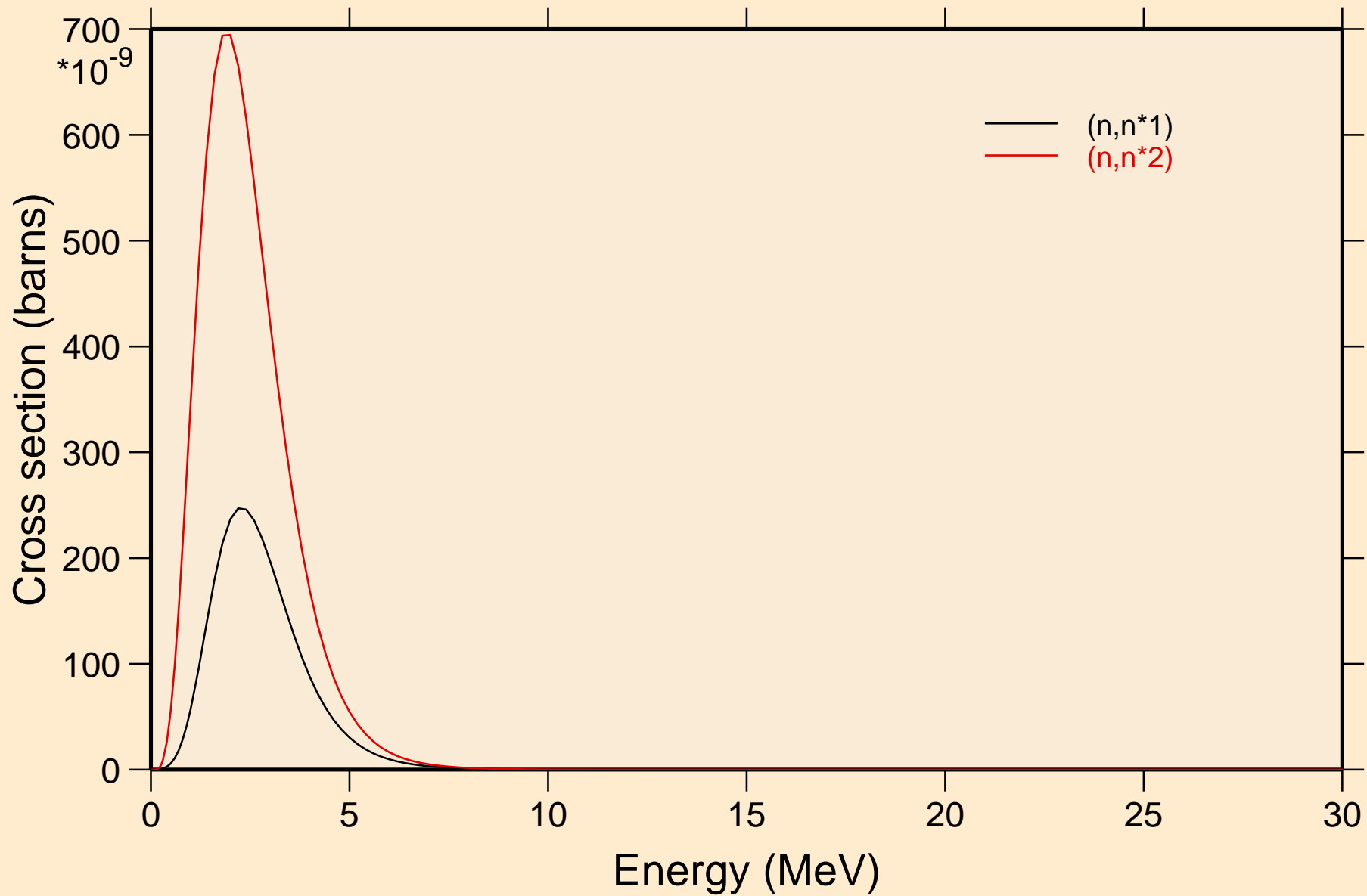


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Non-threshold reactions

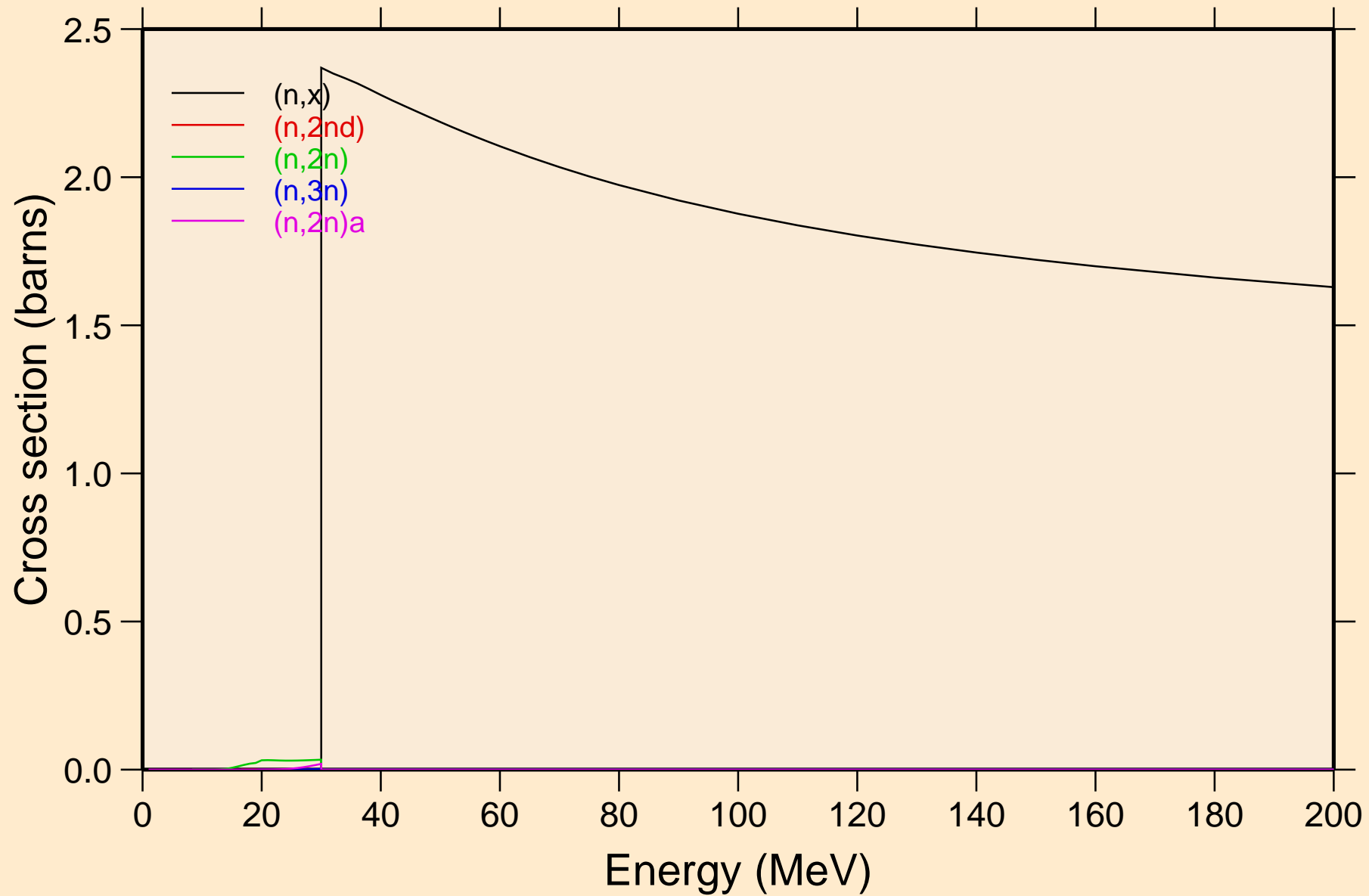




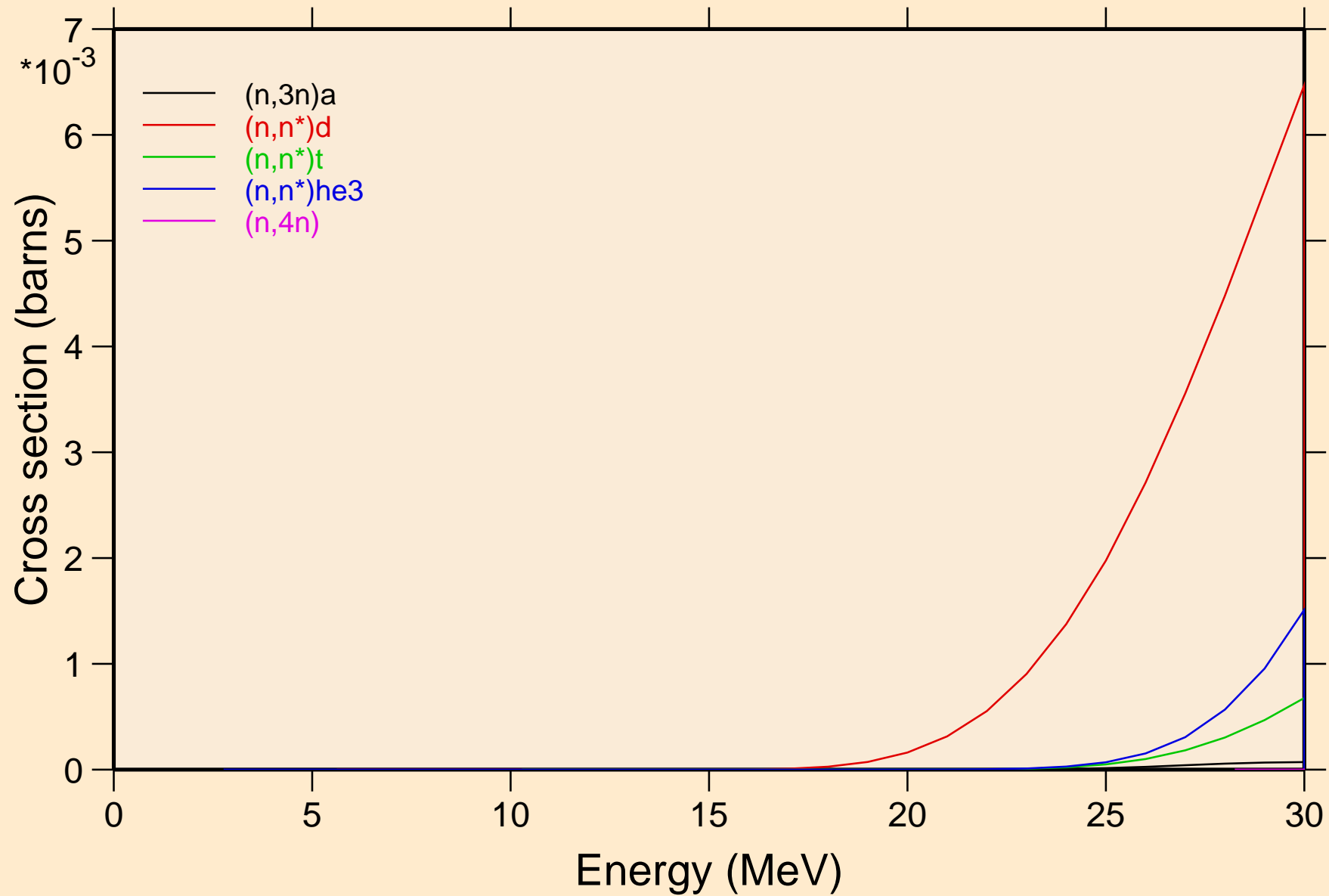
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Inelastic levels



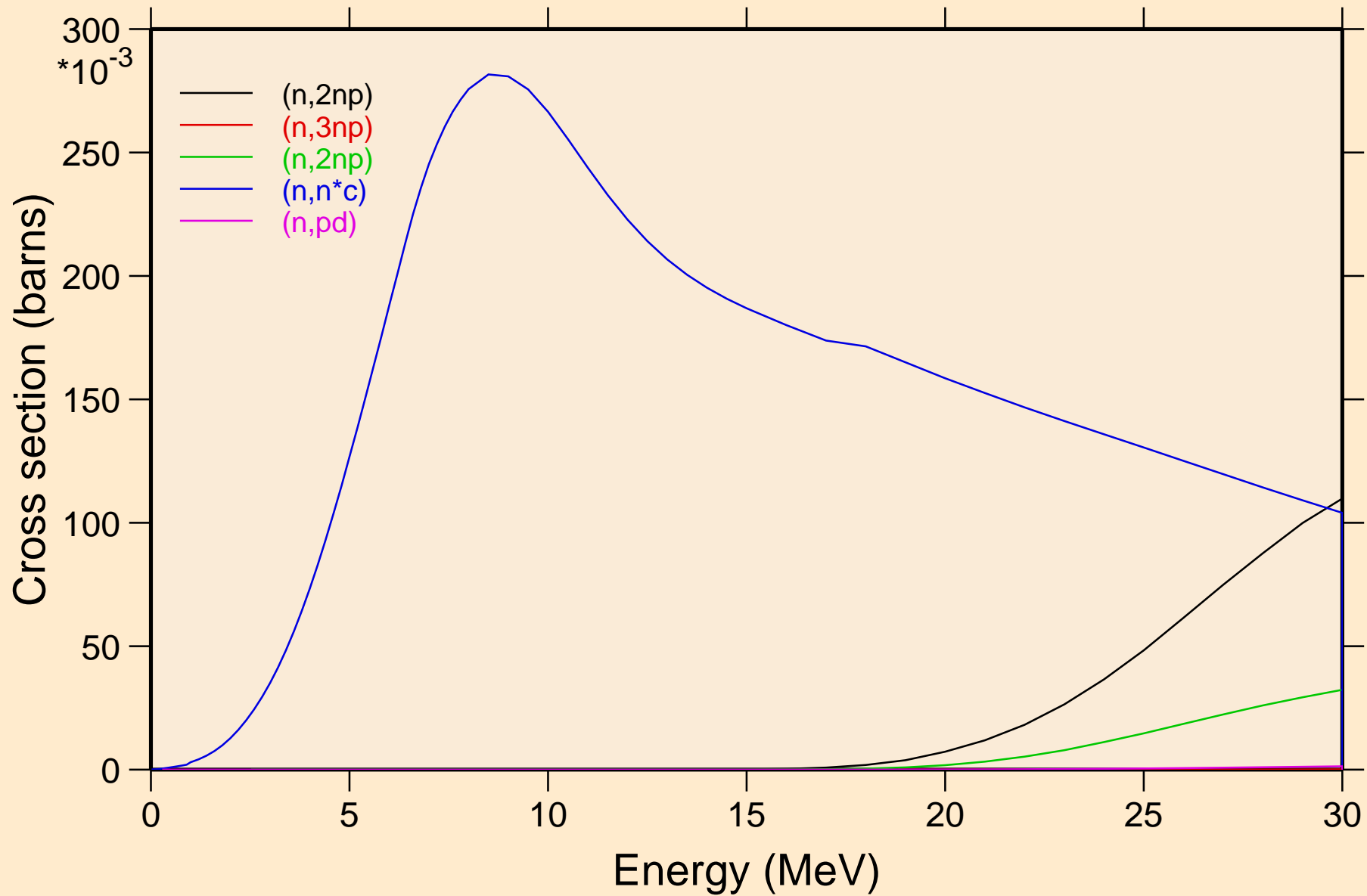
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Threshold reactions



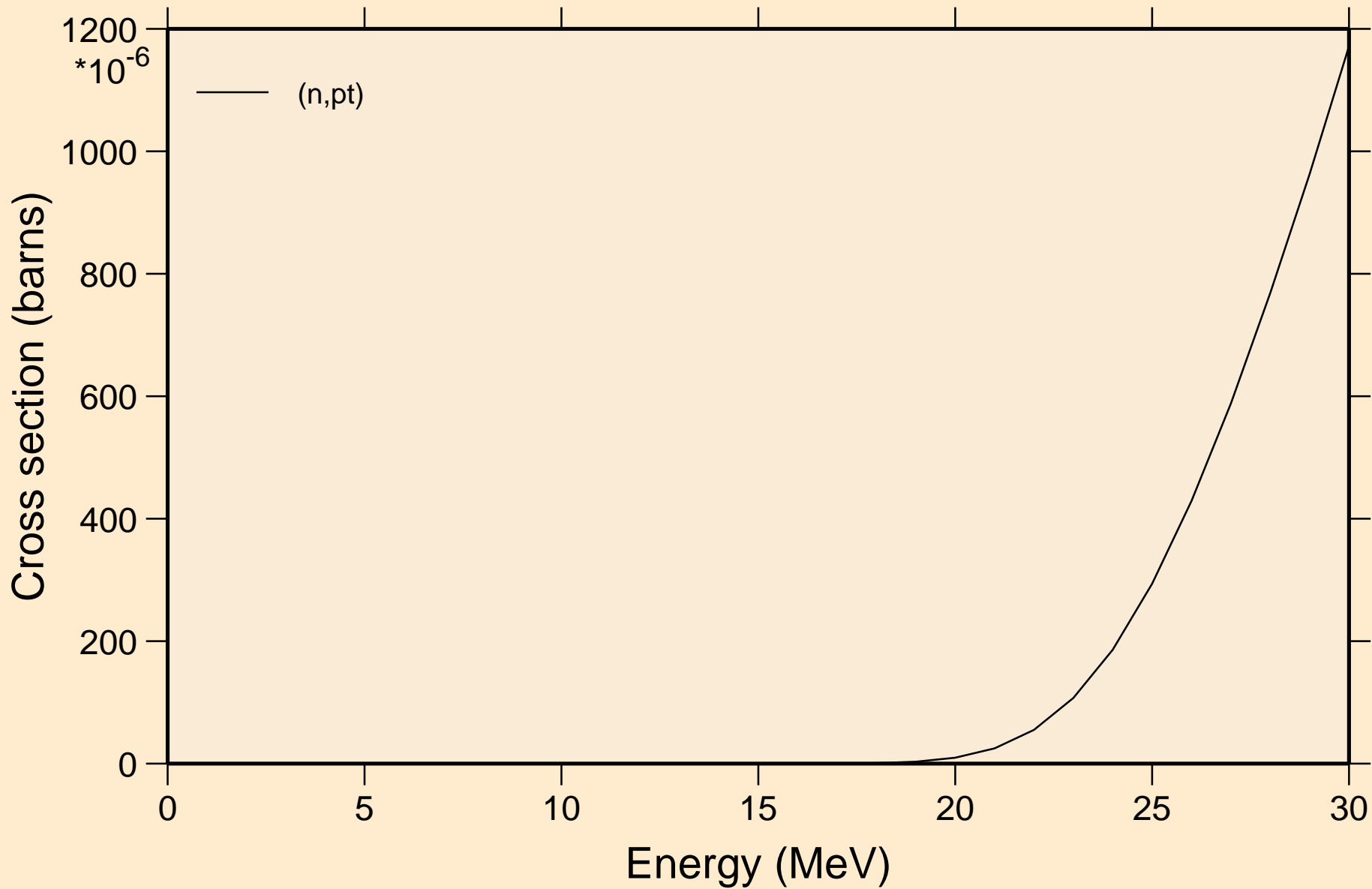
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Threshold reactions



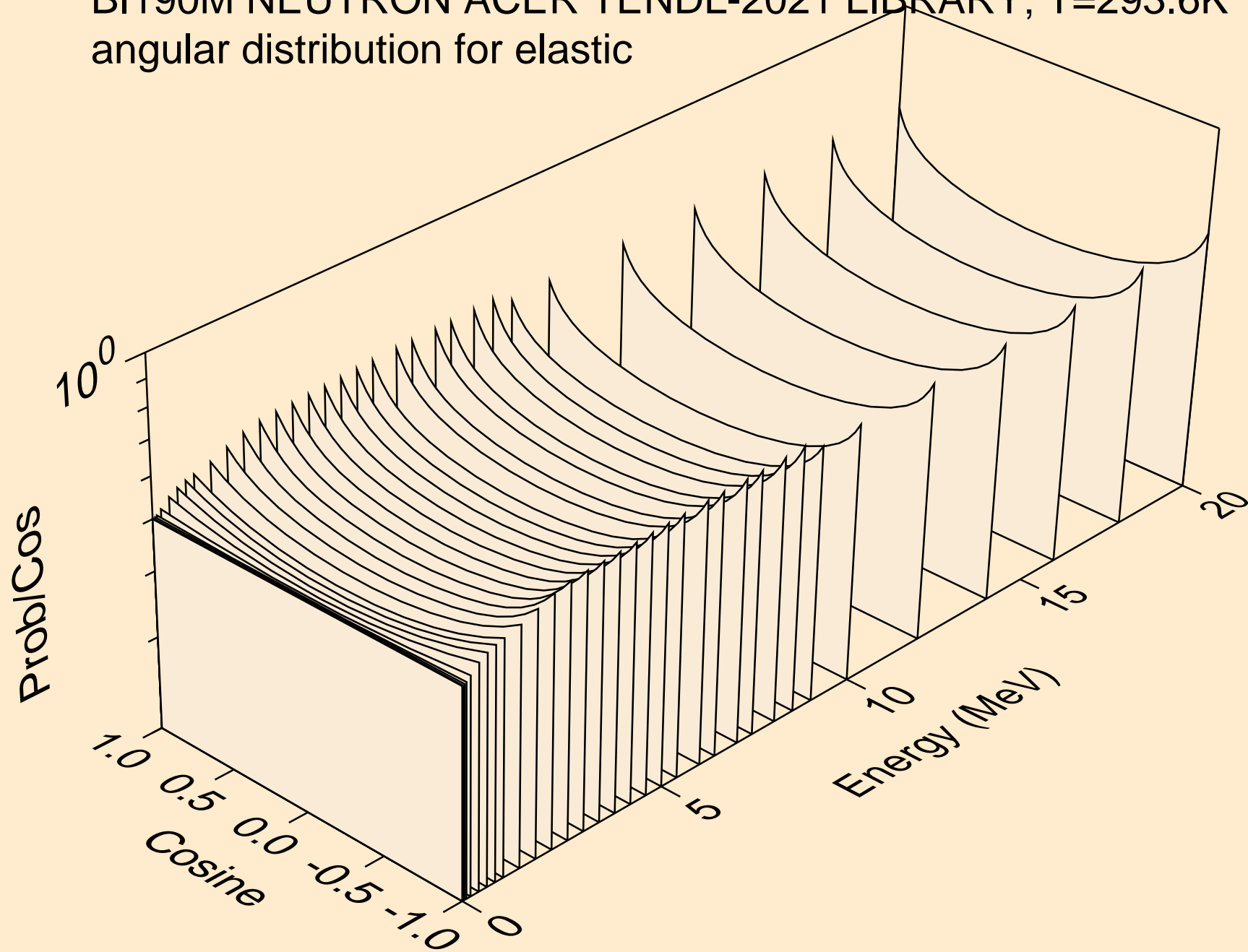
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Threshold reactions



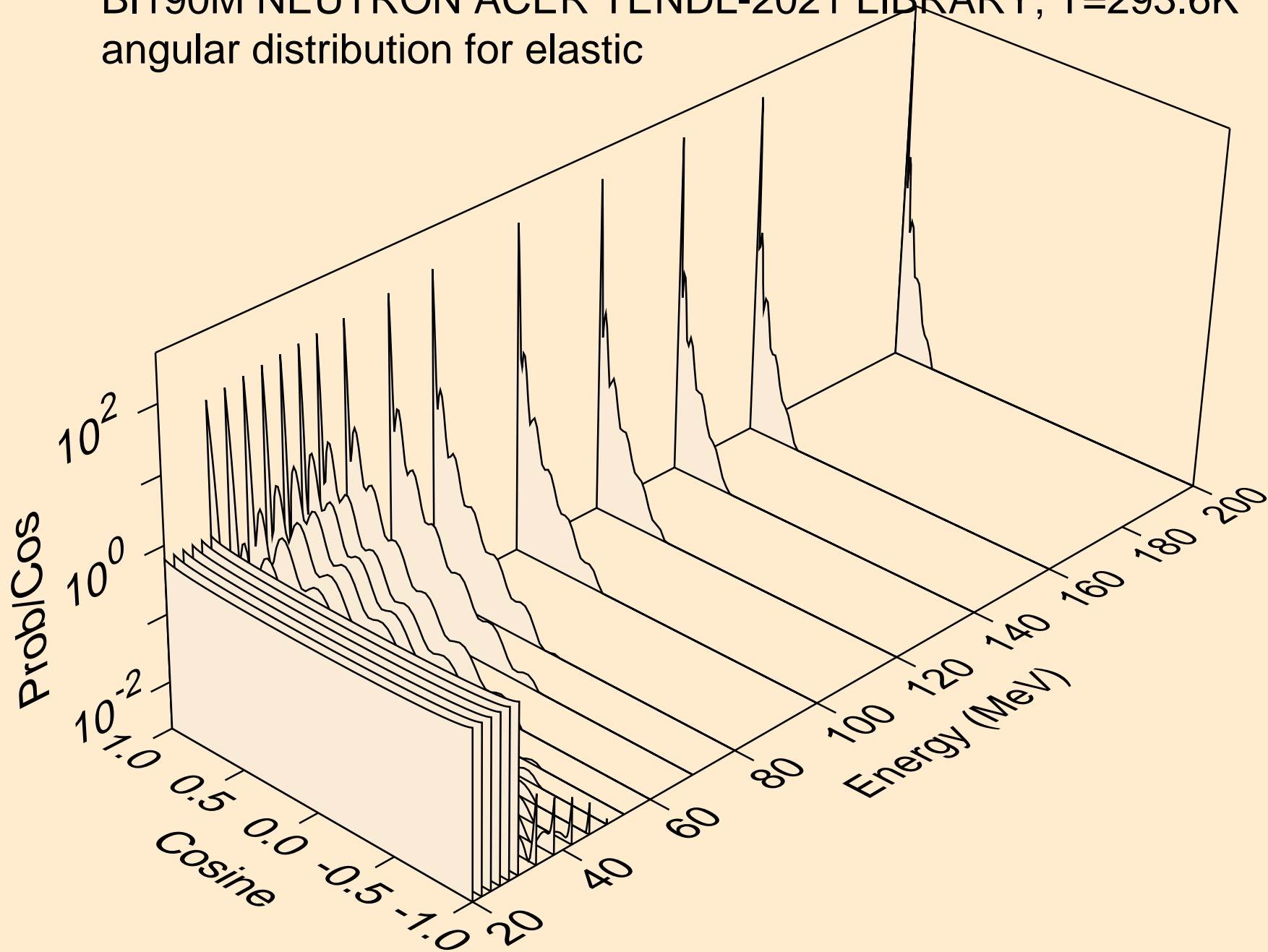
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Threshold reactions



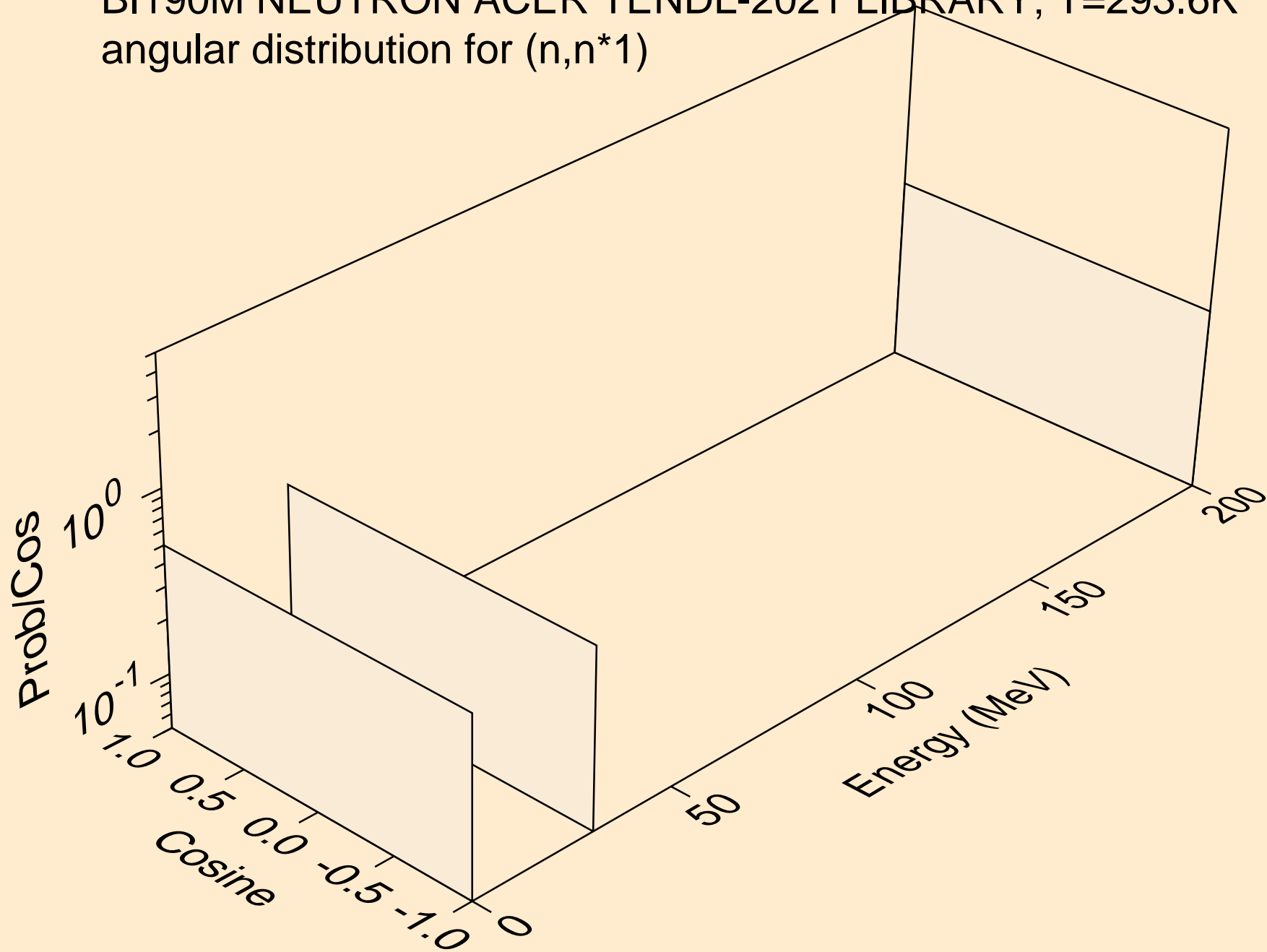
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

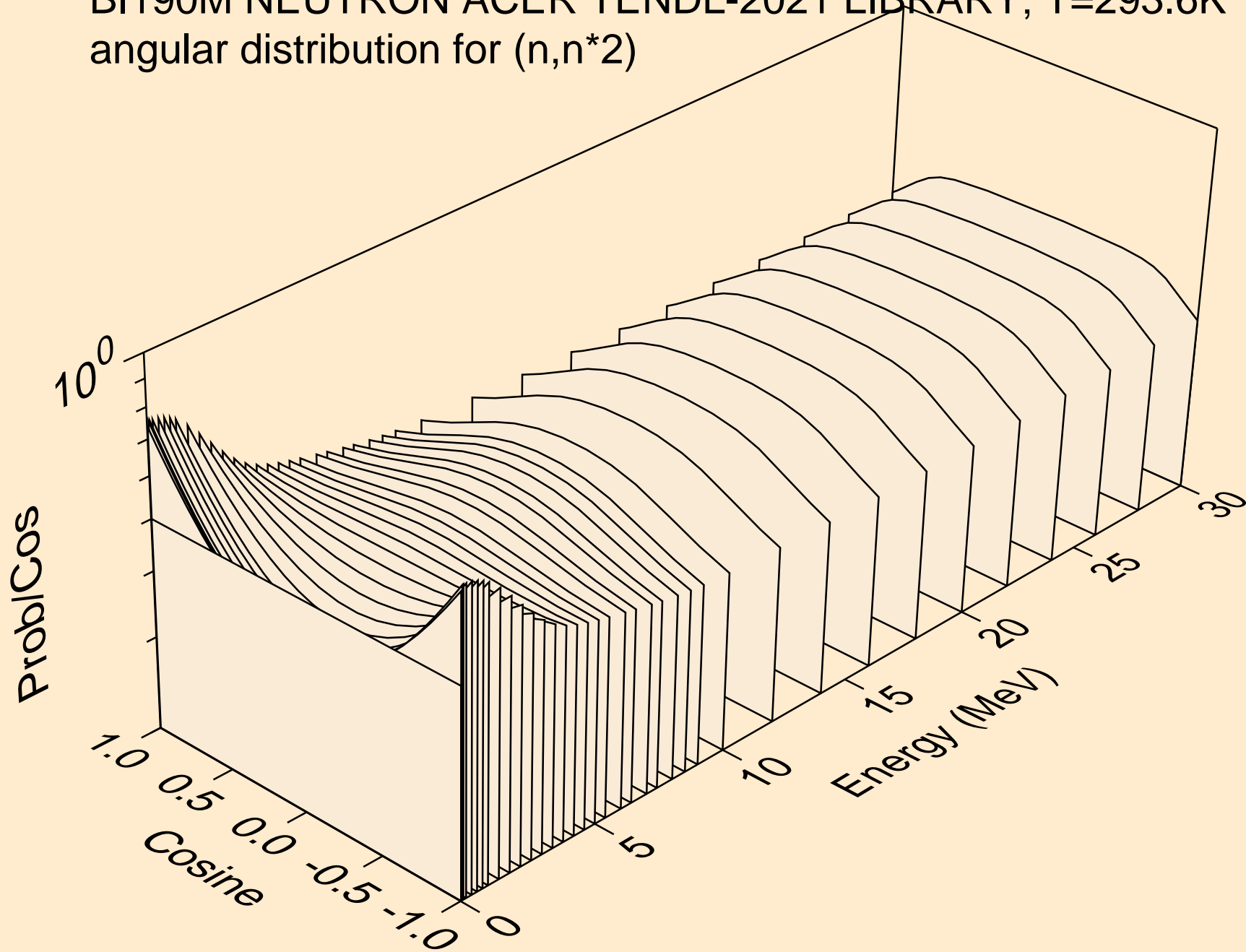


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

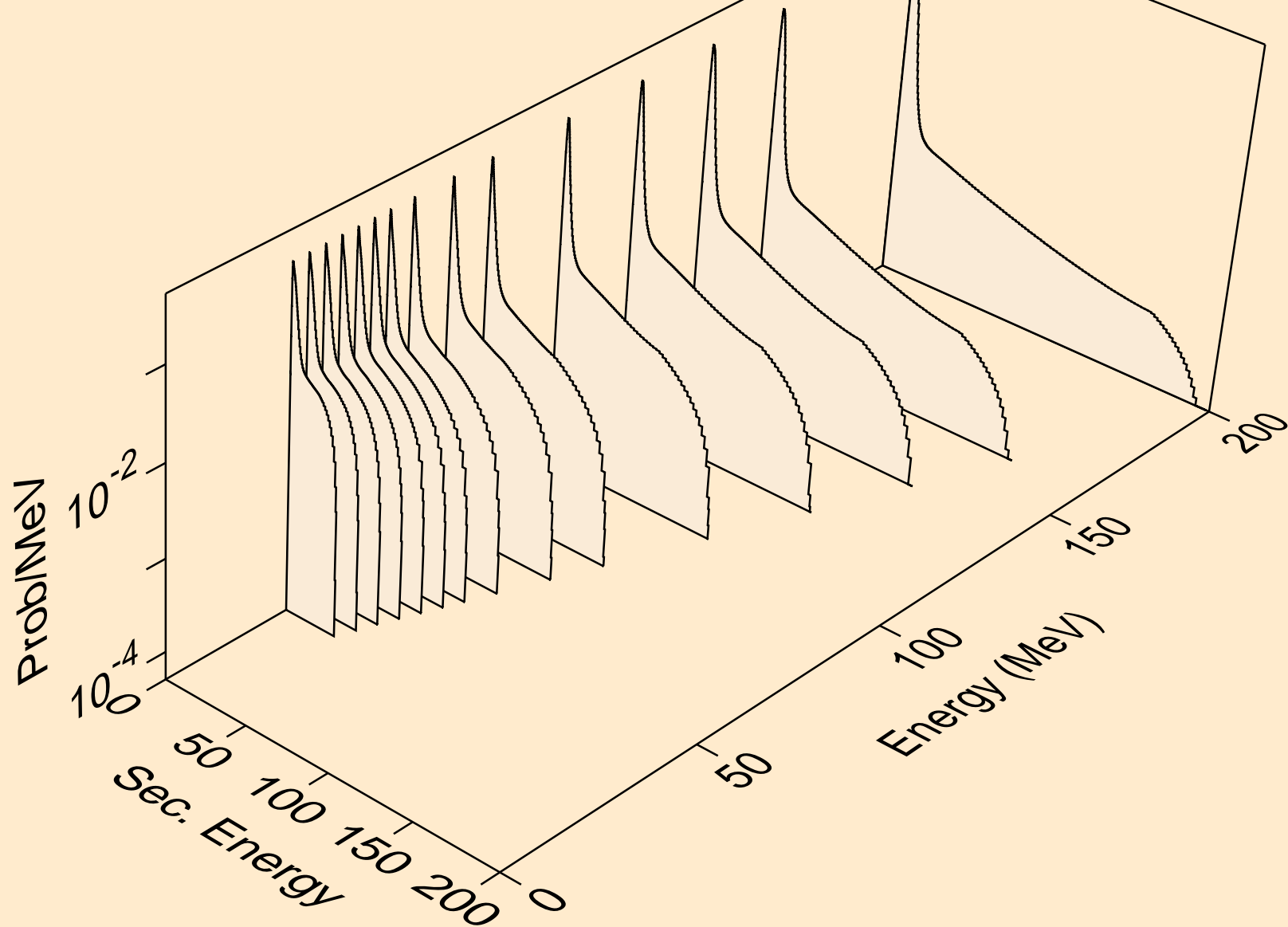




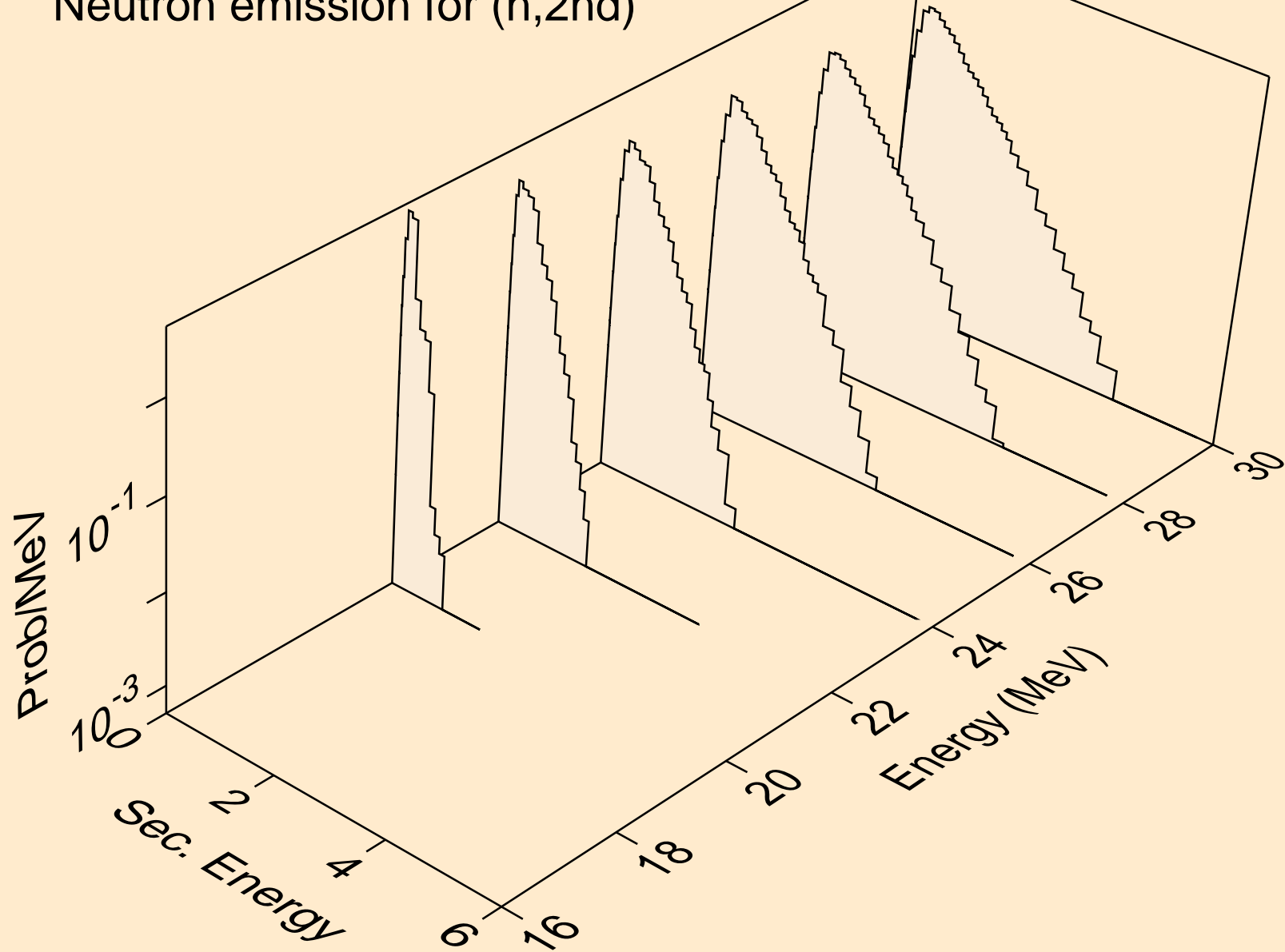
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angular distribution for (n,n\*2)



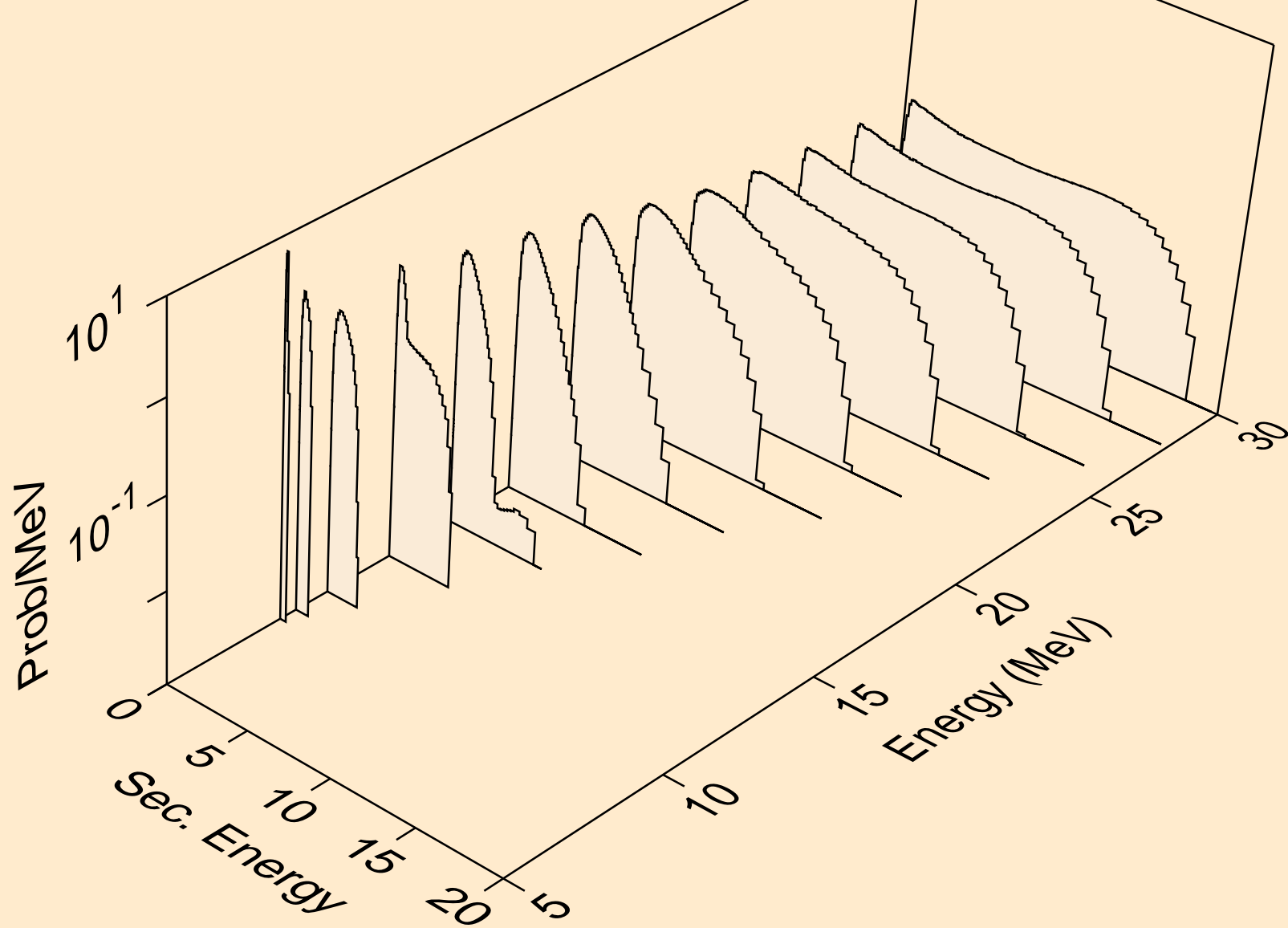
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



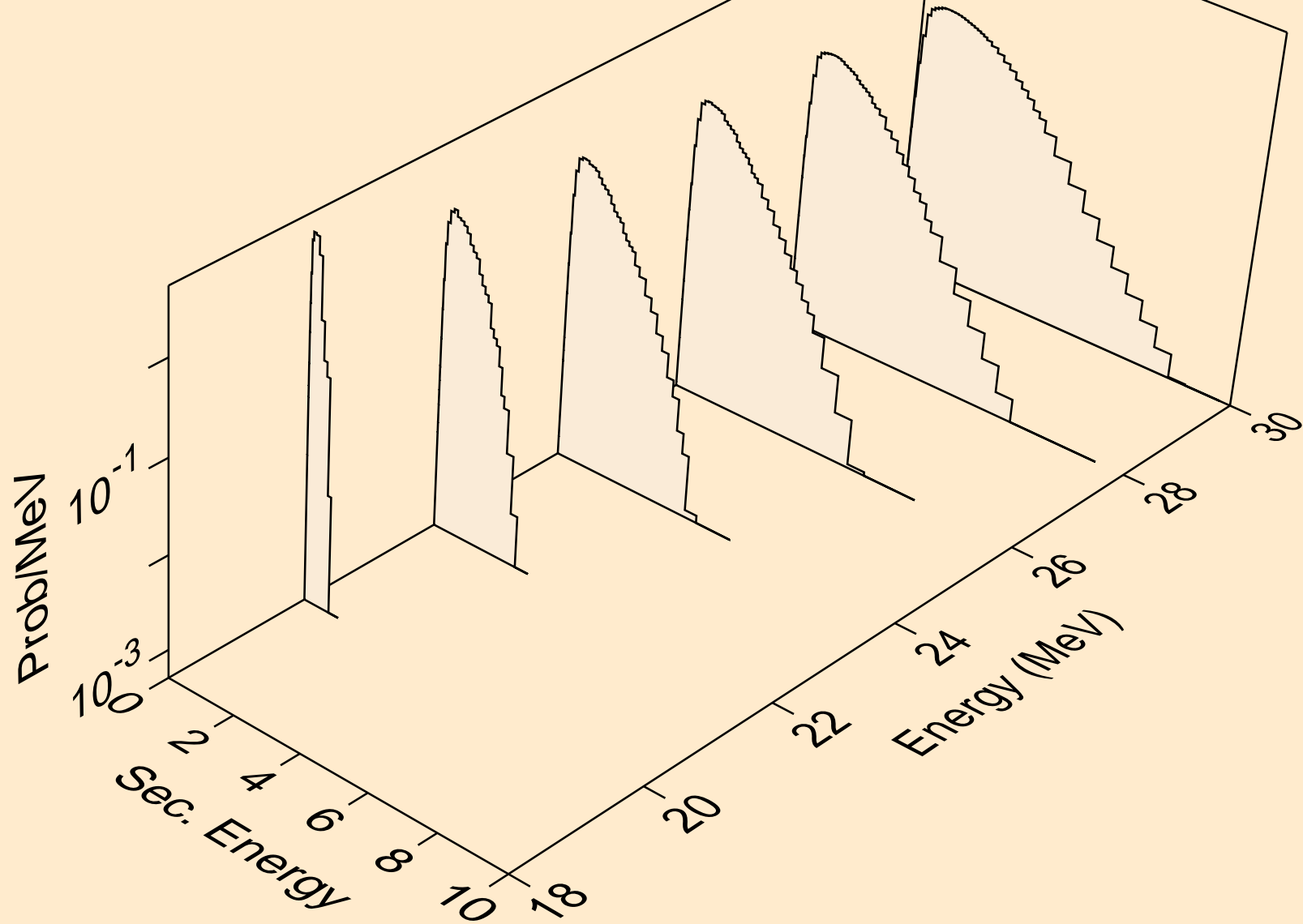
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Neutron emission for (n,2nd)



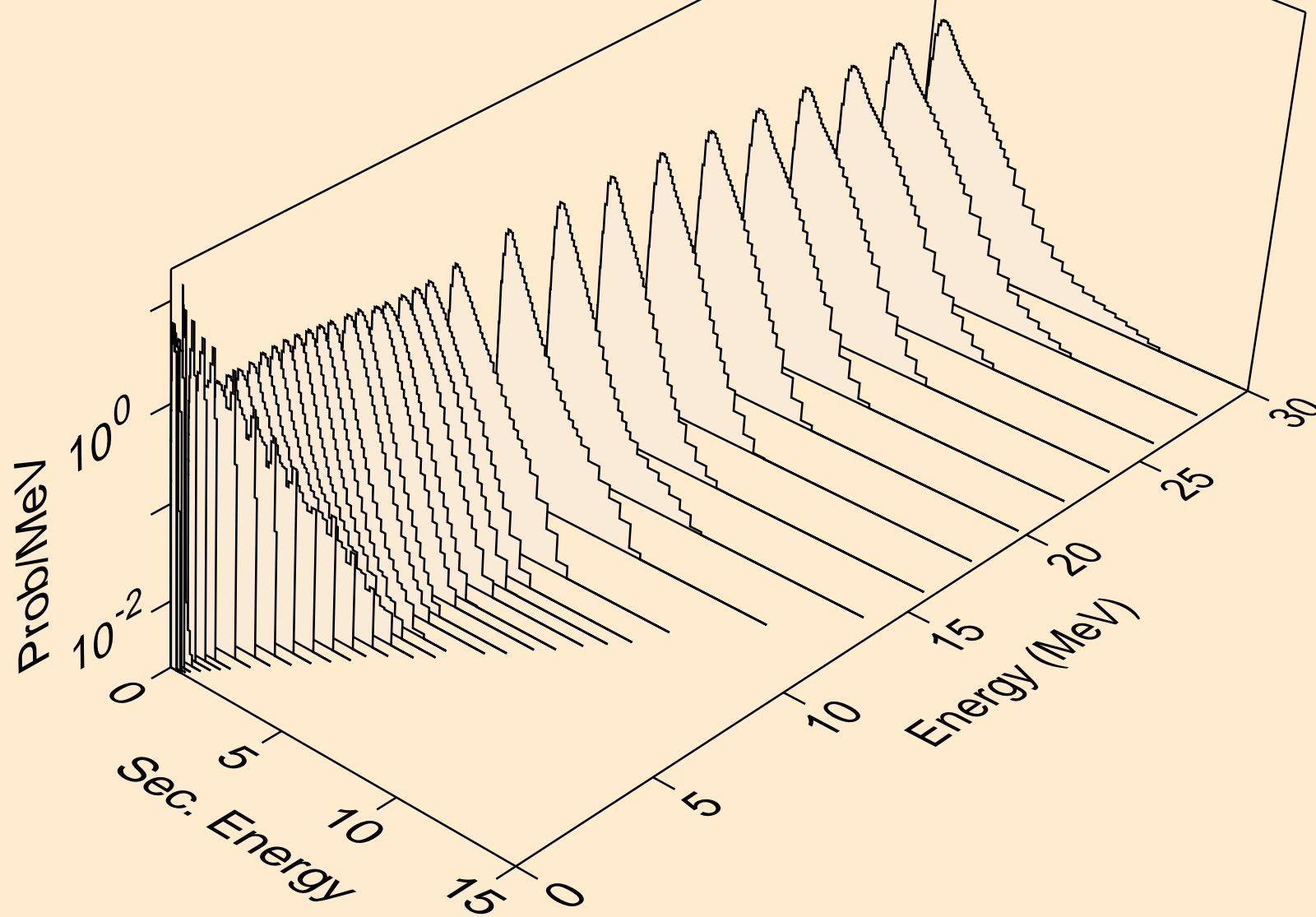
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Neutron emission for (n,2n)



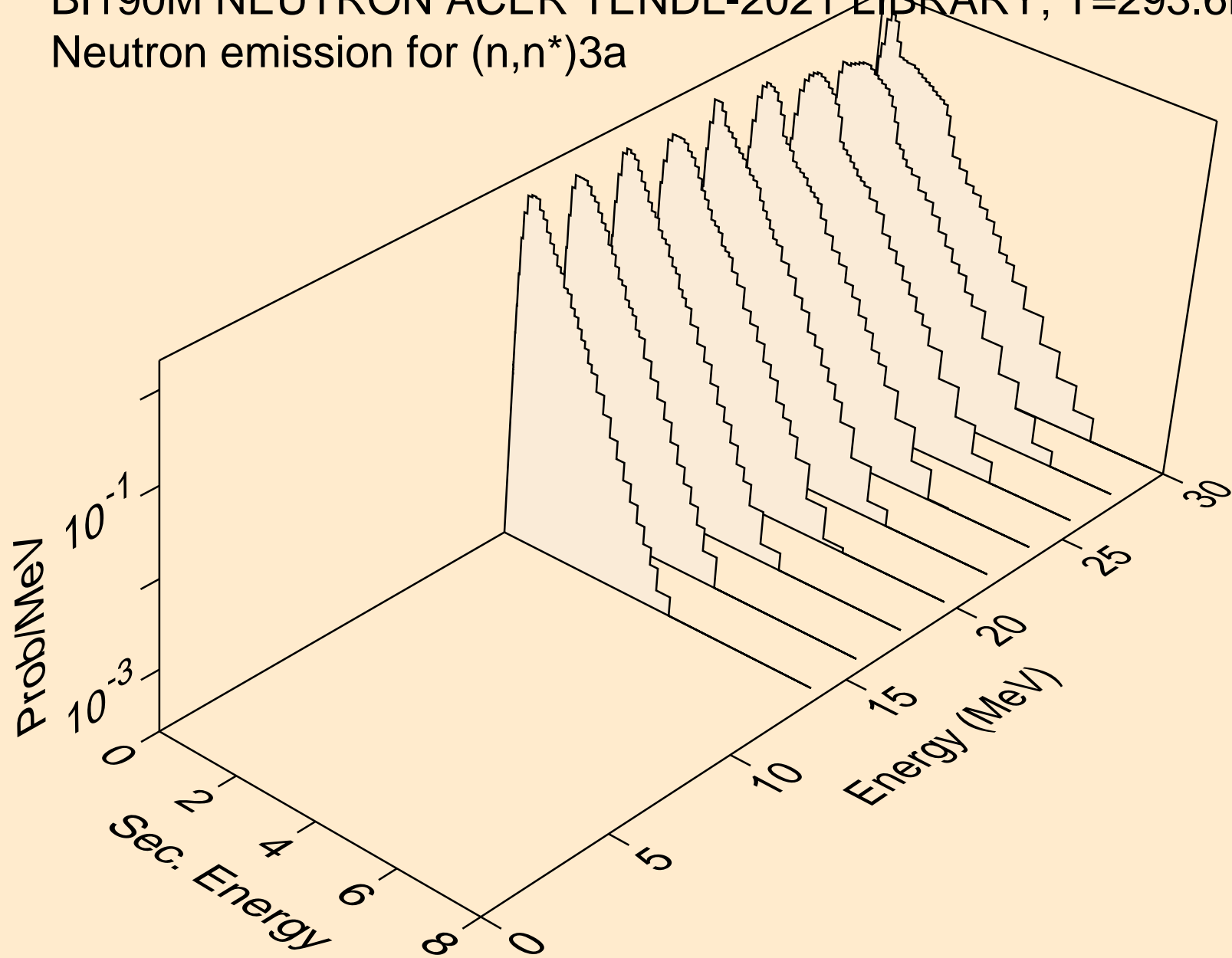
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Neutron emission for (n,3n)



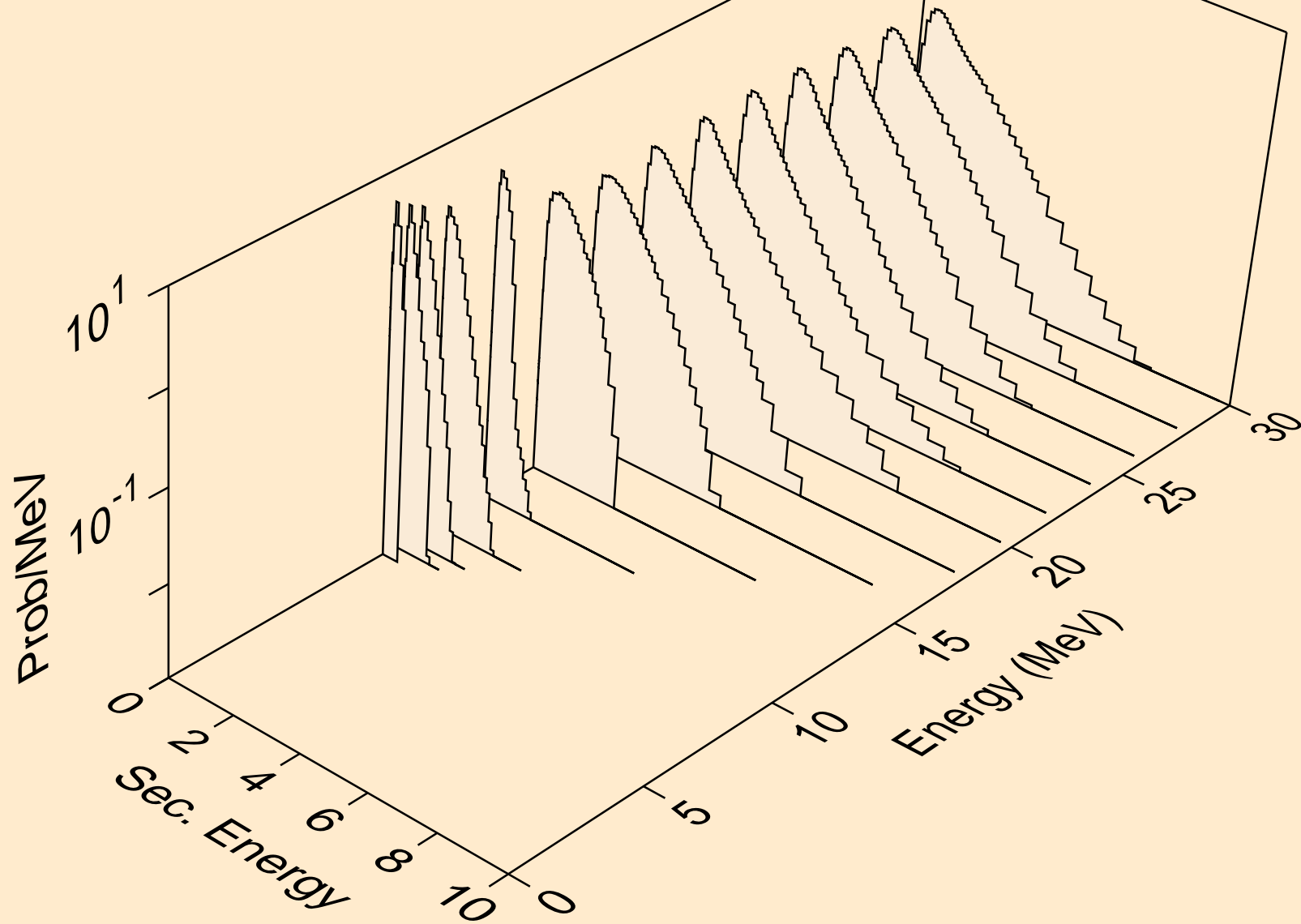
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a

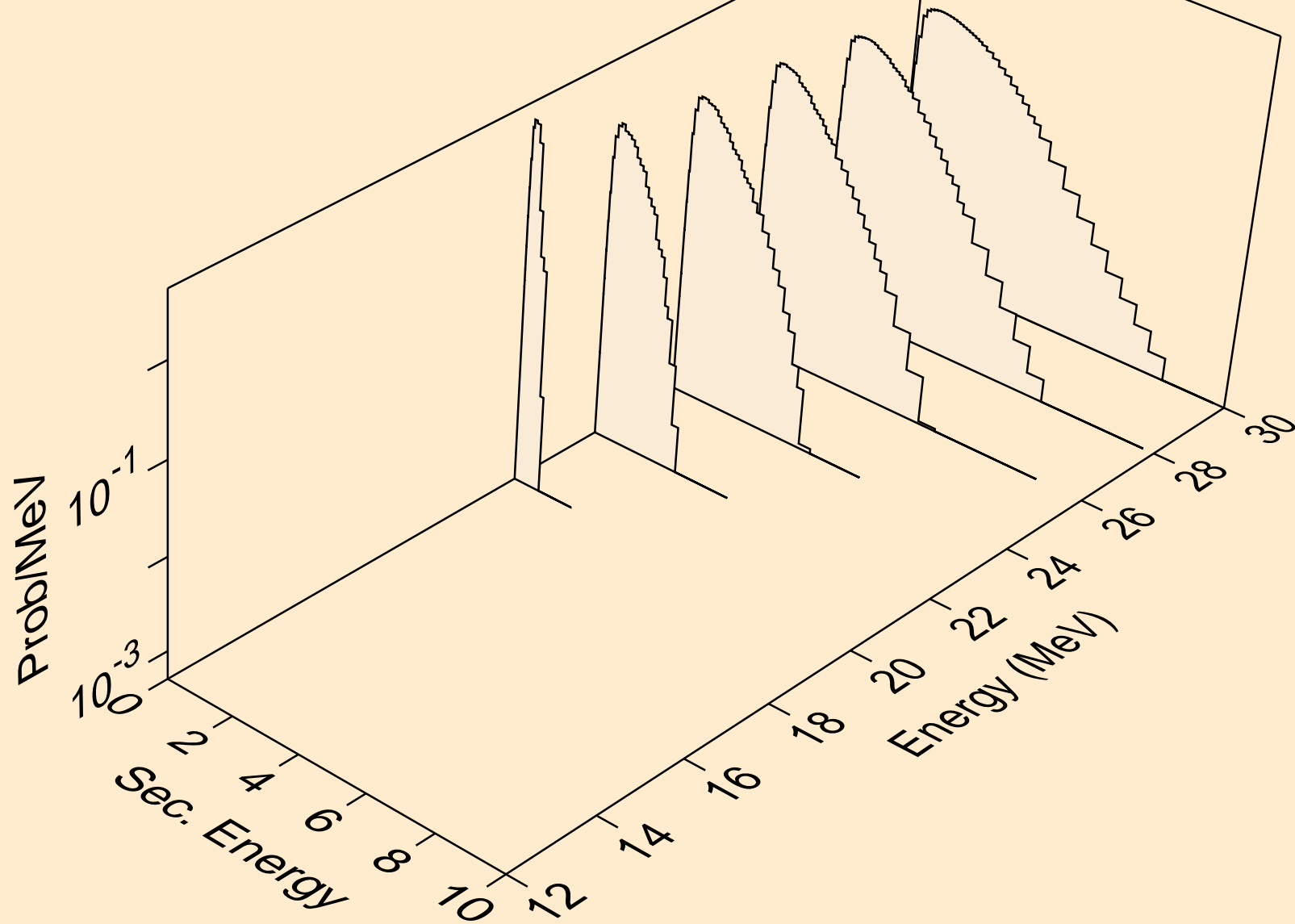


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Neutron emission for (n,2n)a

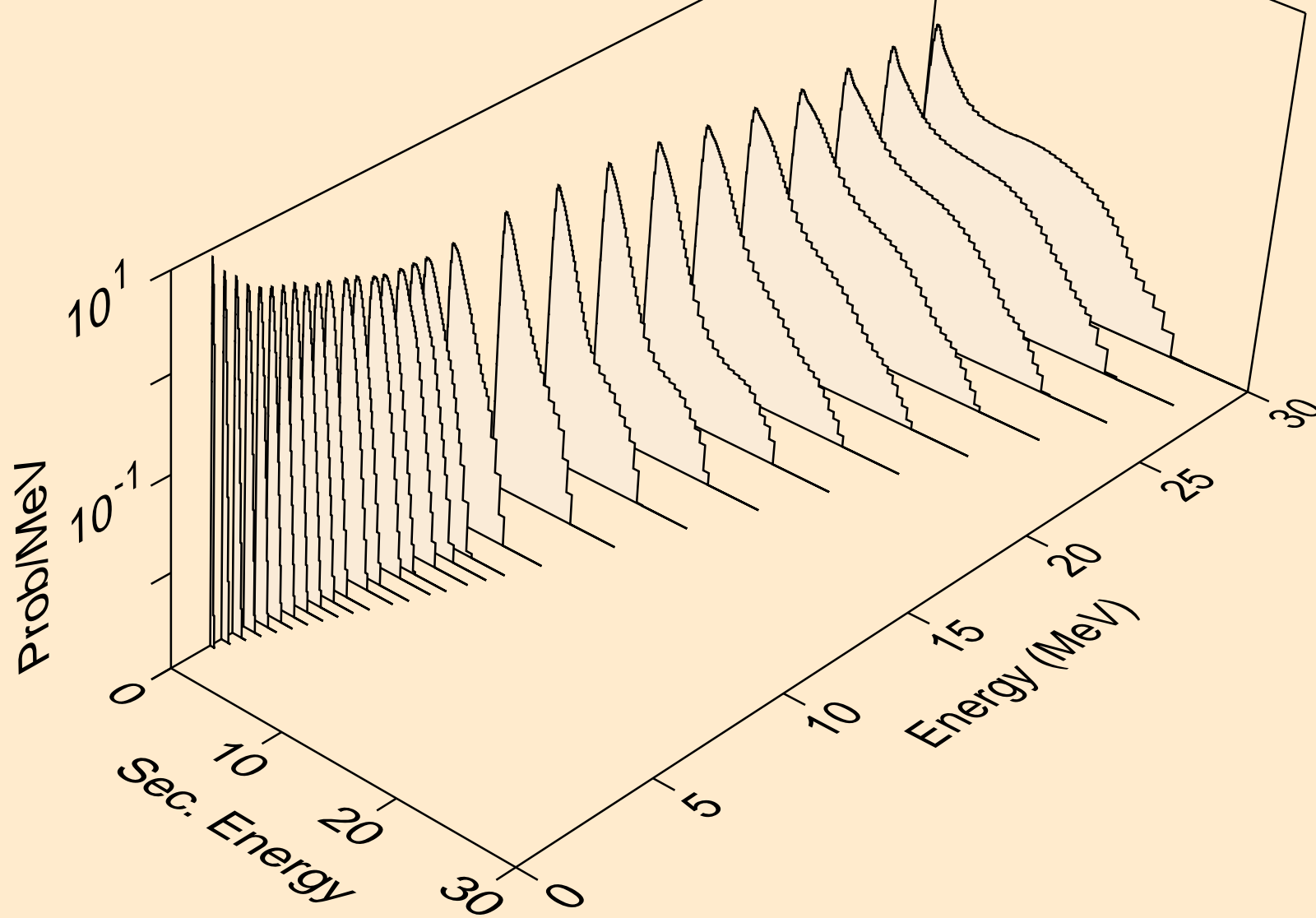




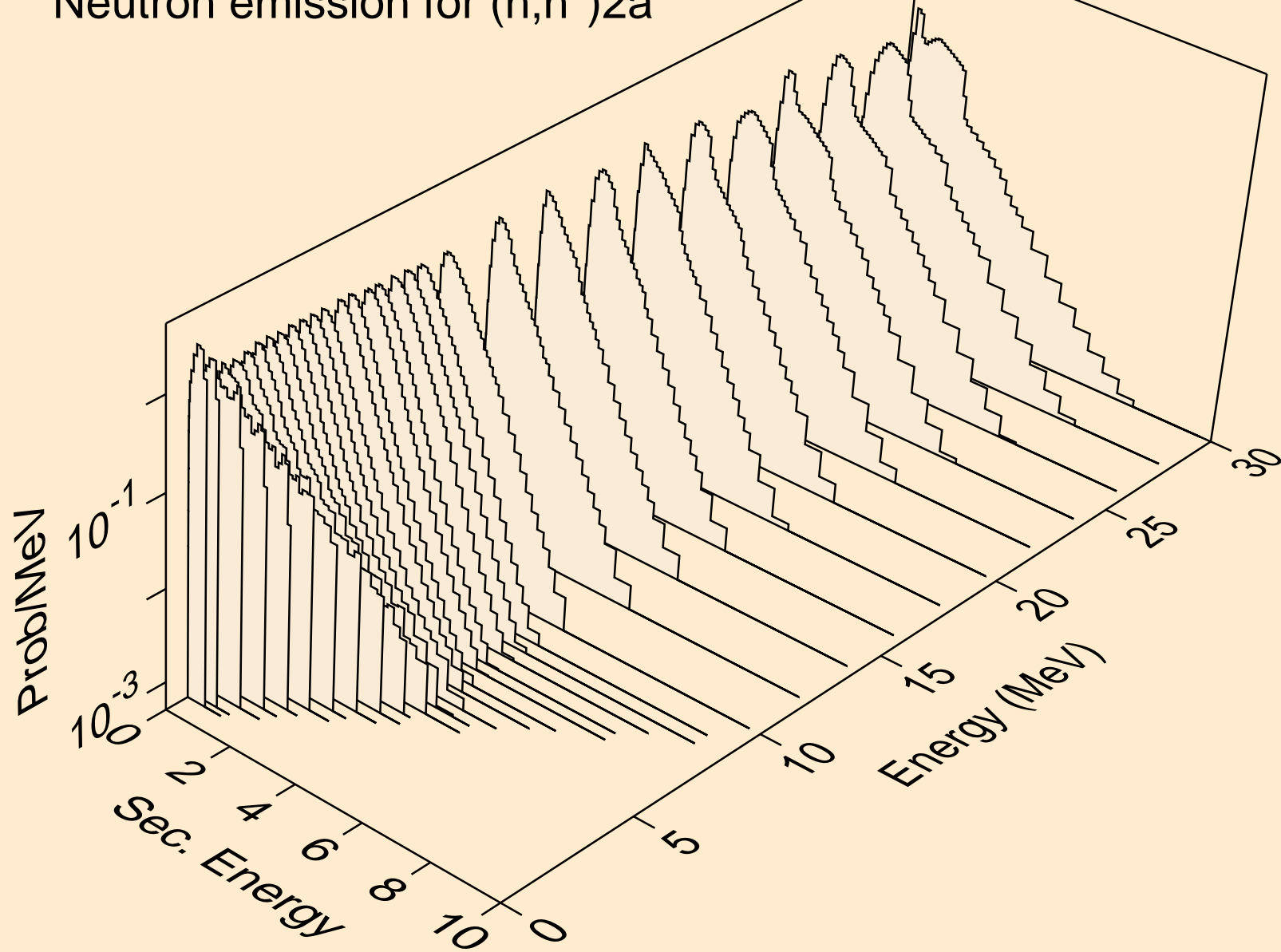
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Neutron emission for (n,3n)a



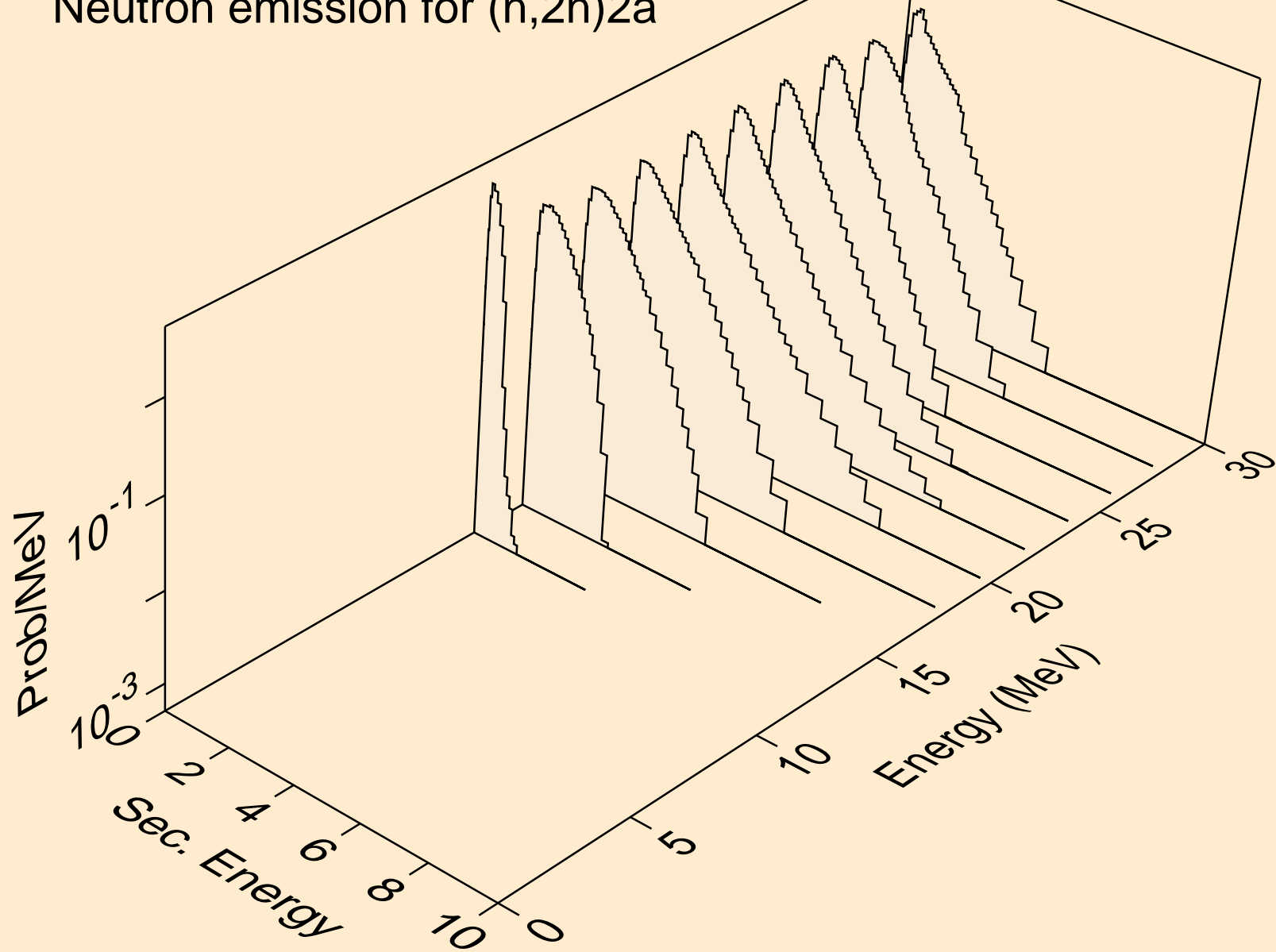
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Neutron emission for (n,n\*)p



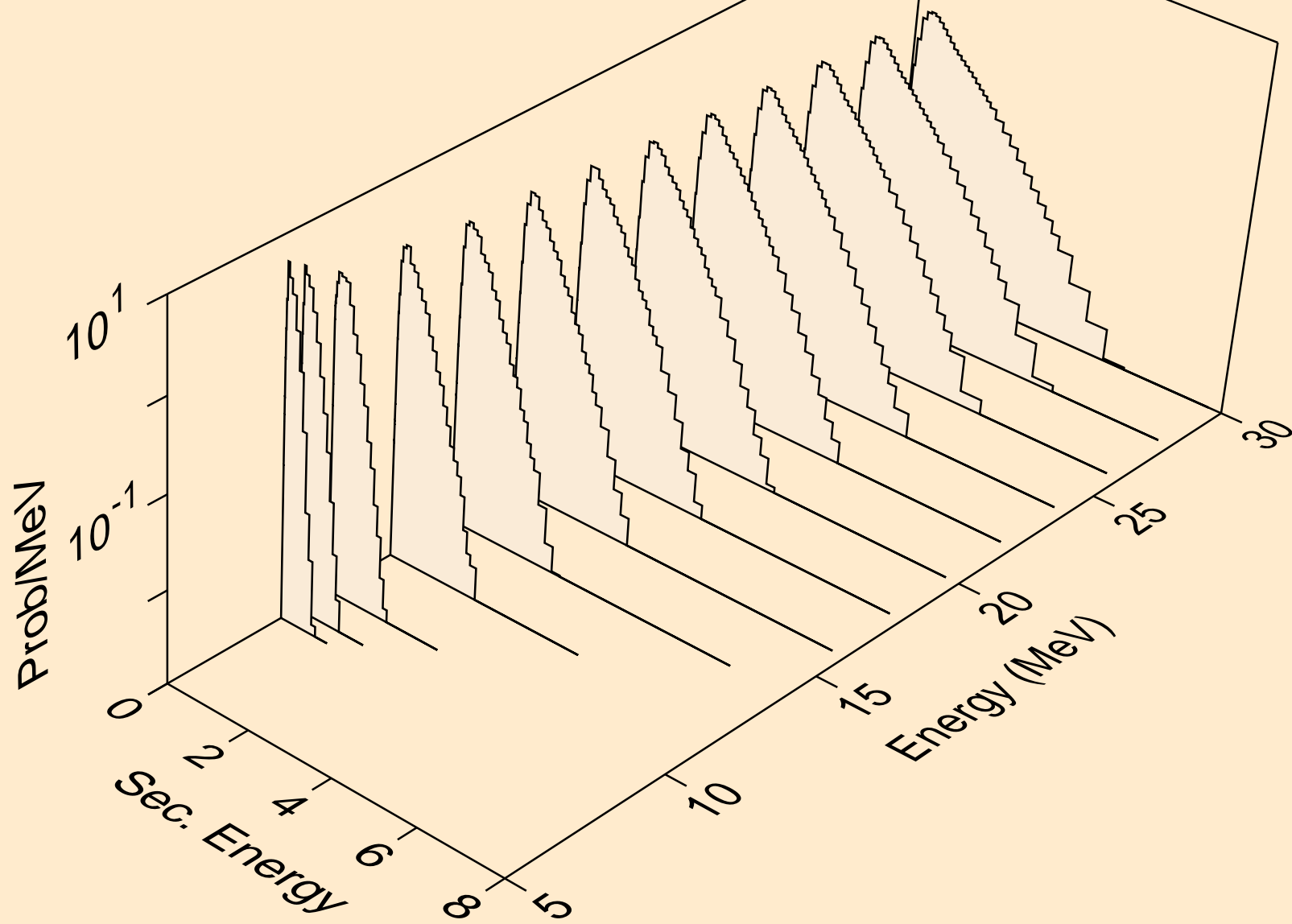
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Neutron emission for (n,n\*)2a



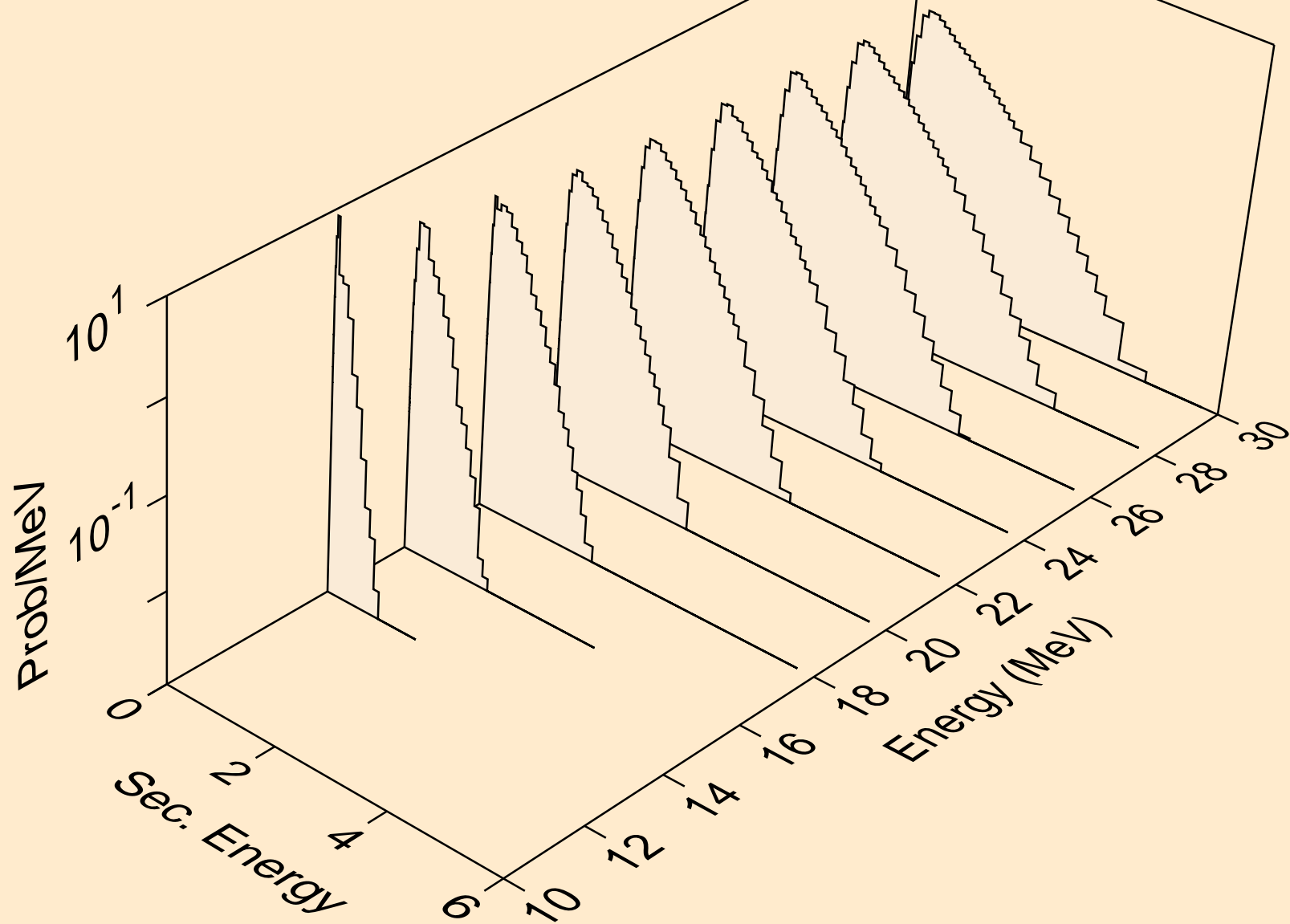
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Neutron emission for (n,2n)2a



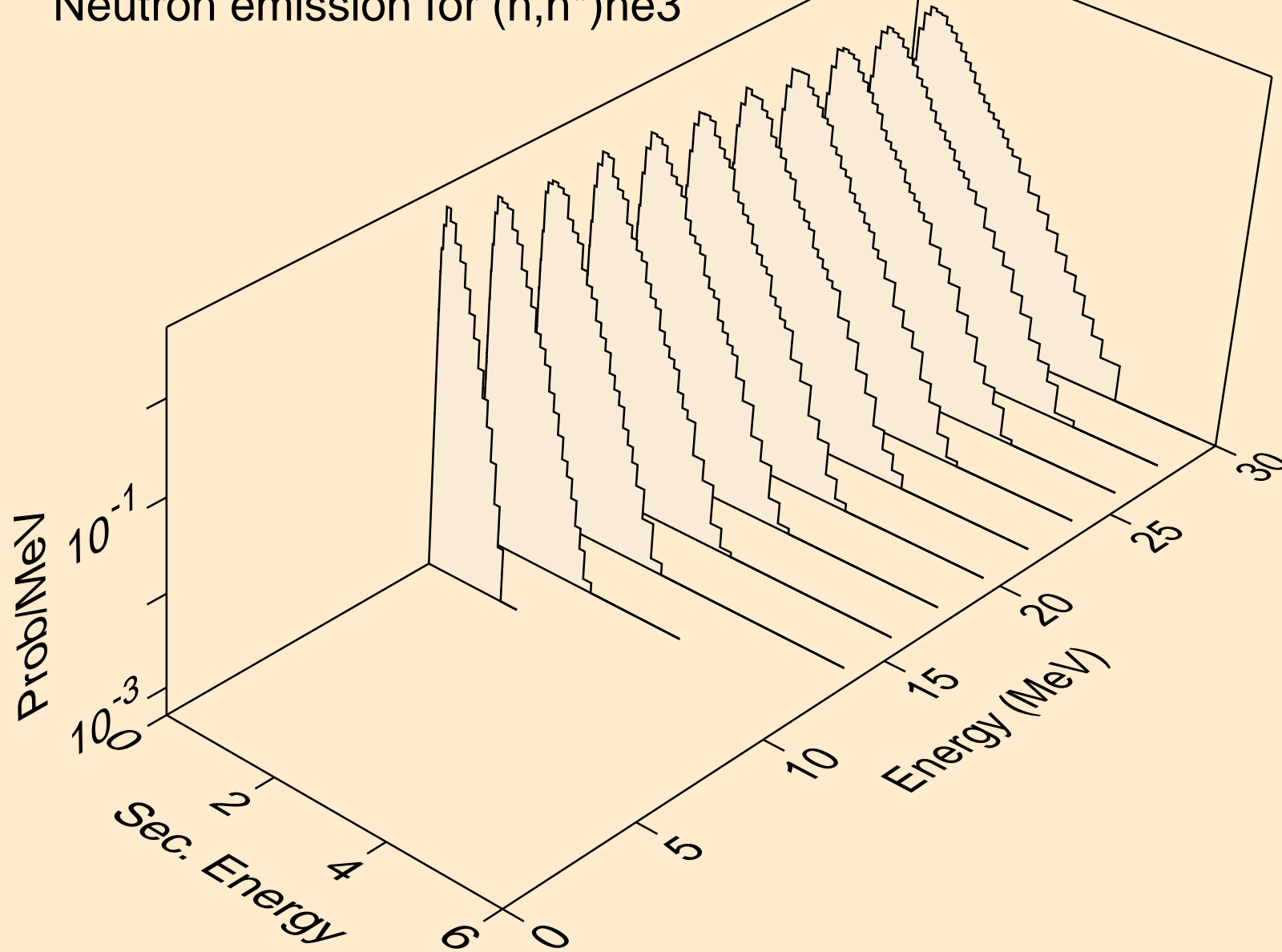
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Neutron emission for (n,n\*)d



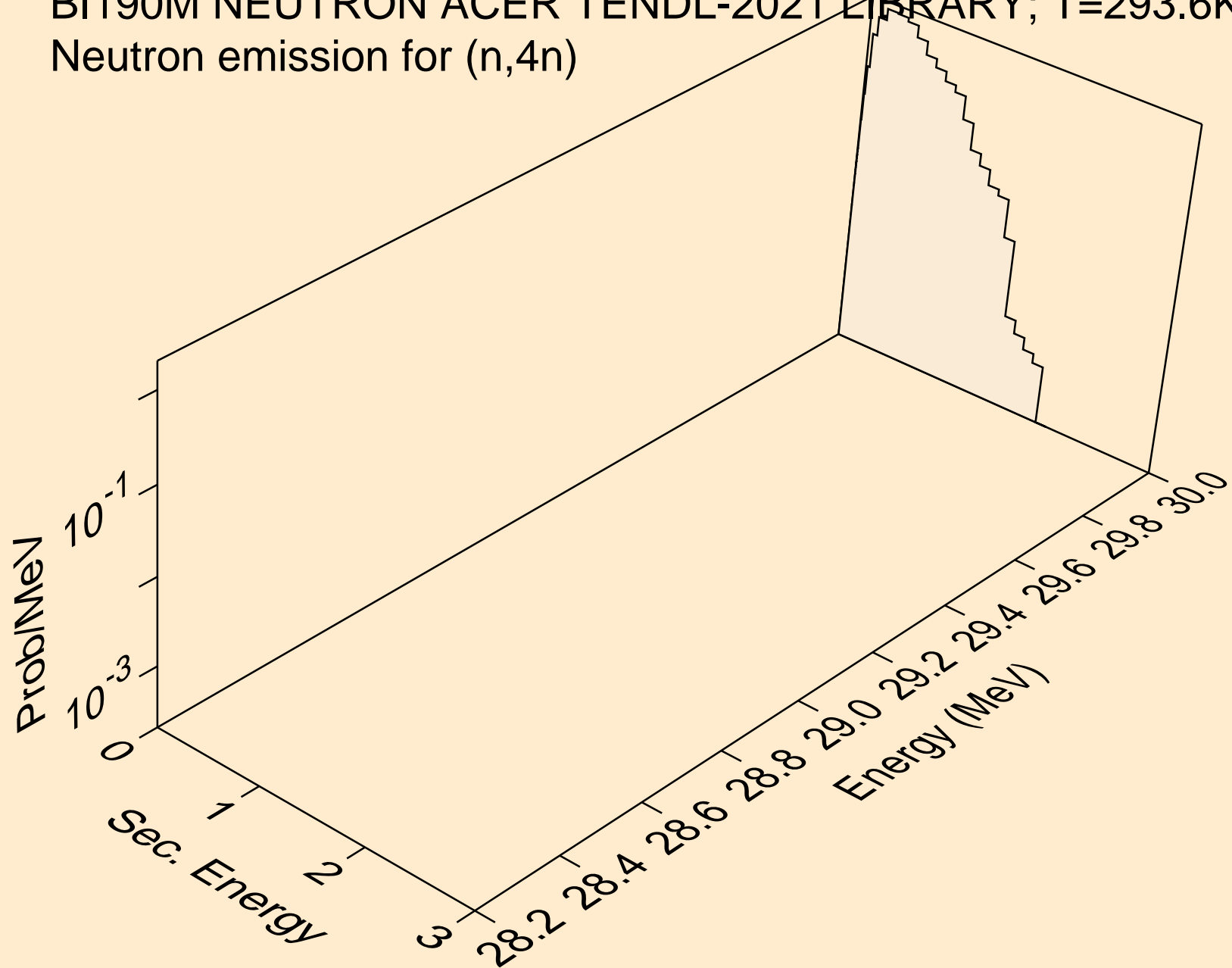
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

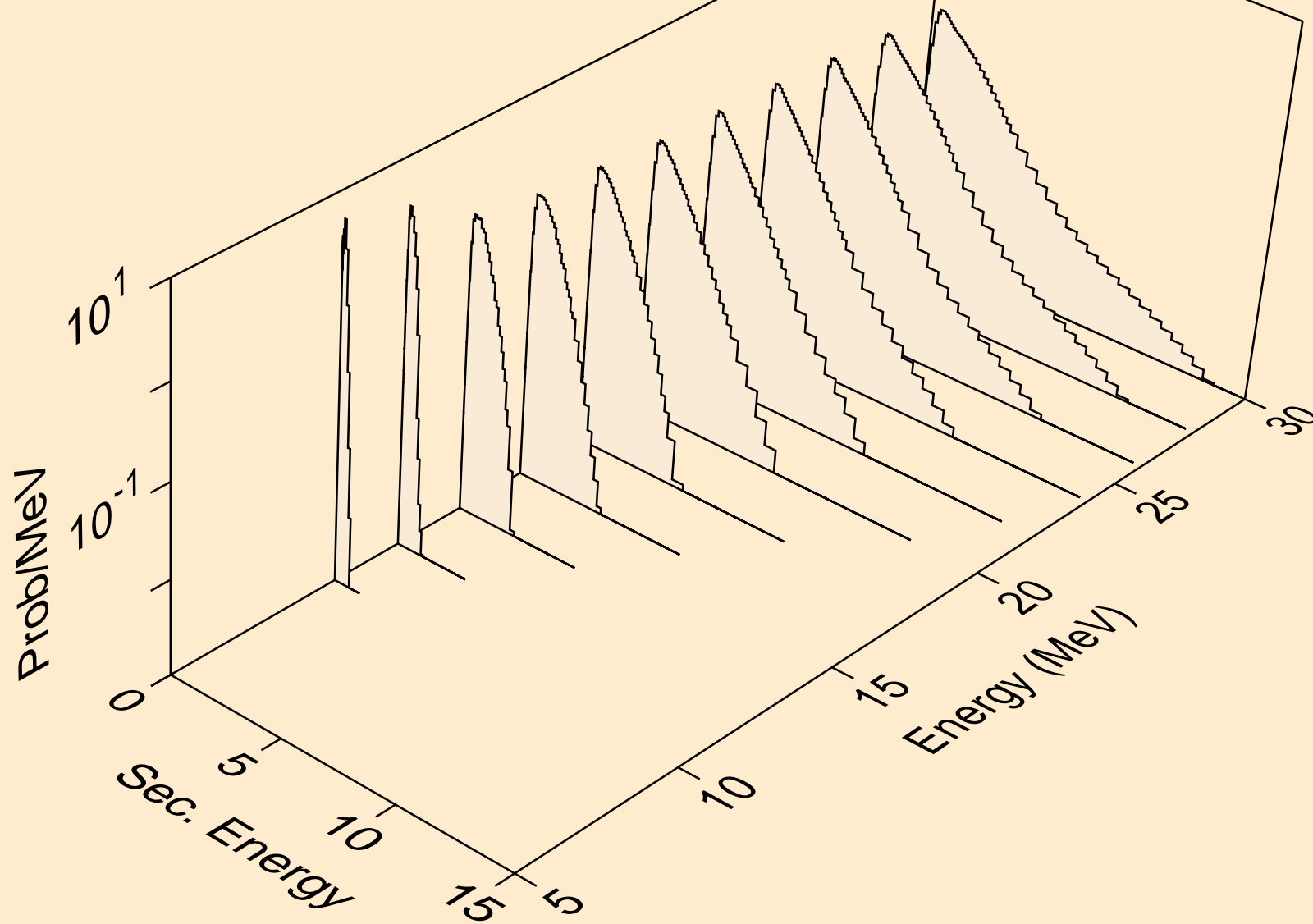


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

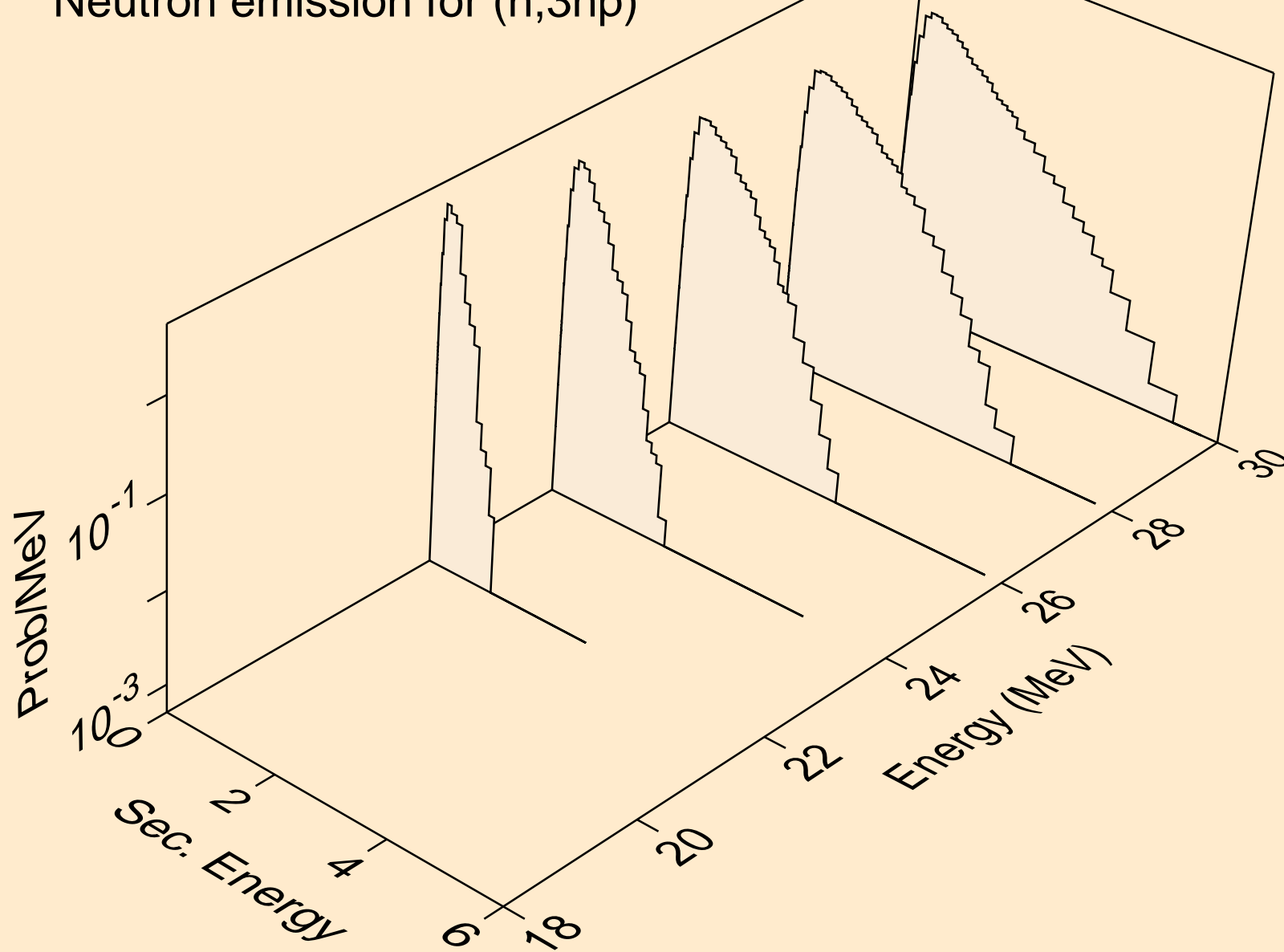




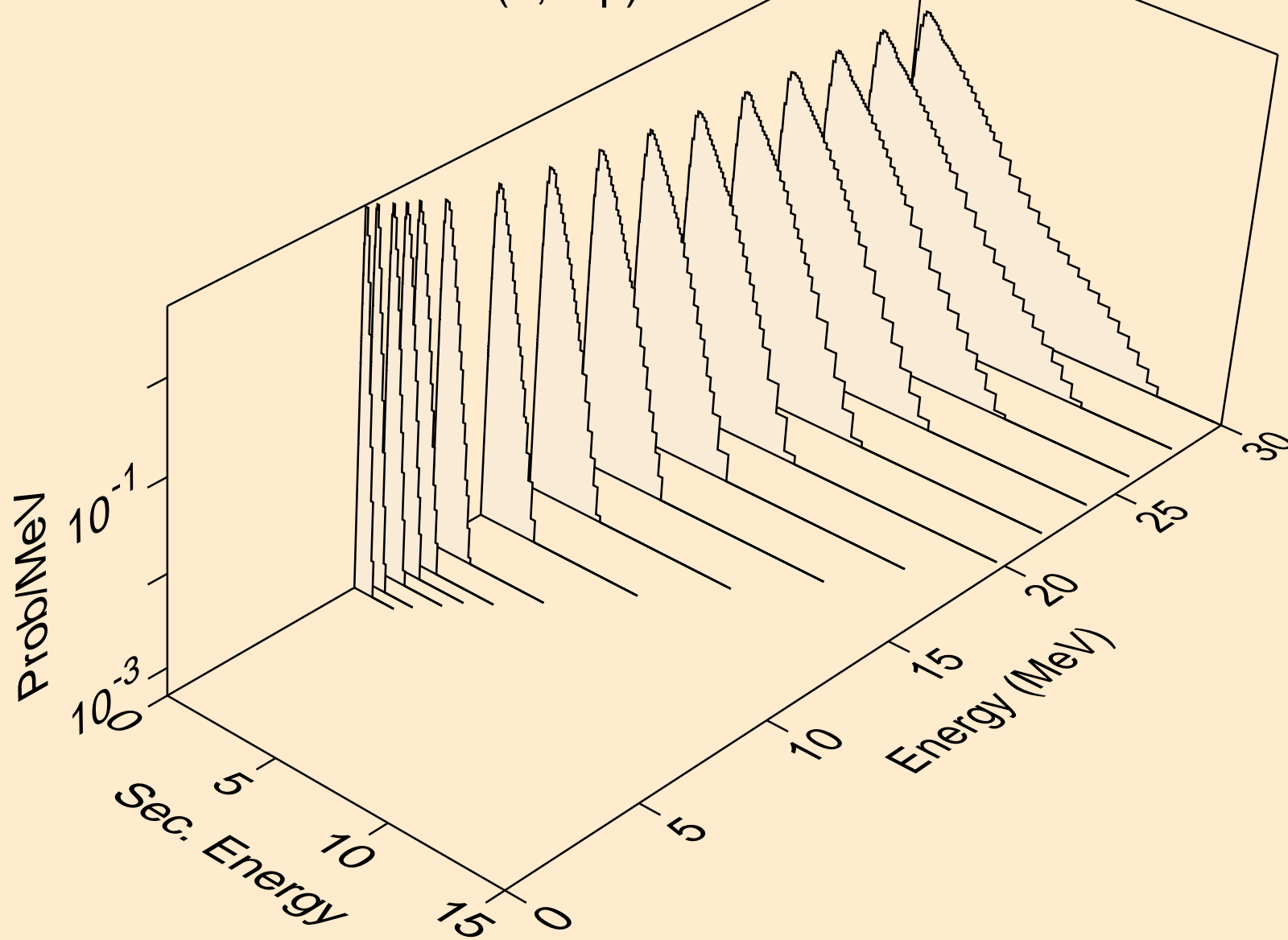
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Neutron emission for (n,2np)



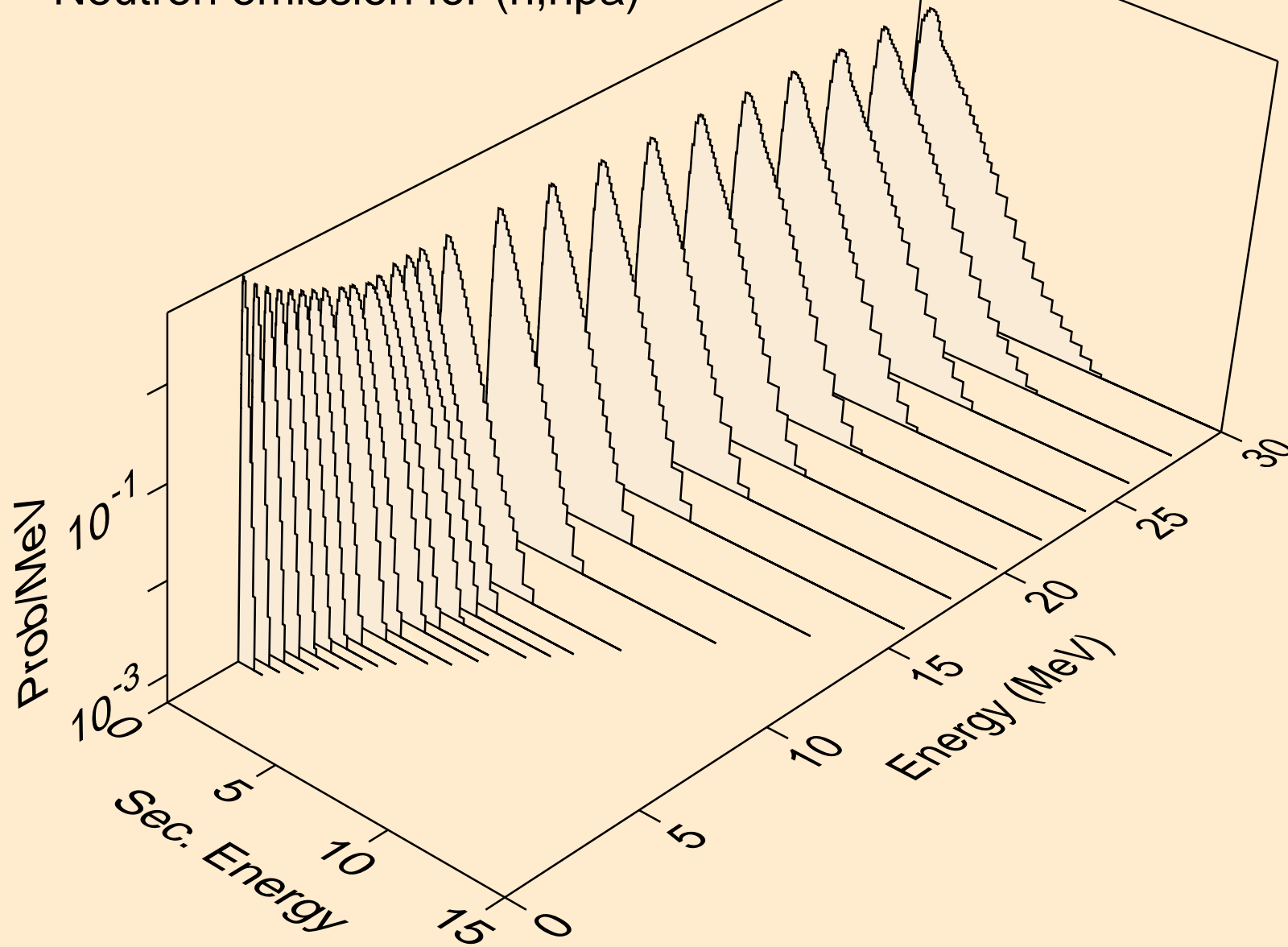
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Neutron emission for (n,3np)



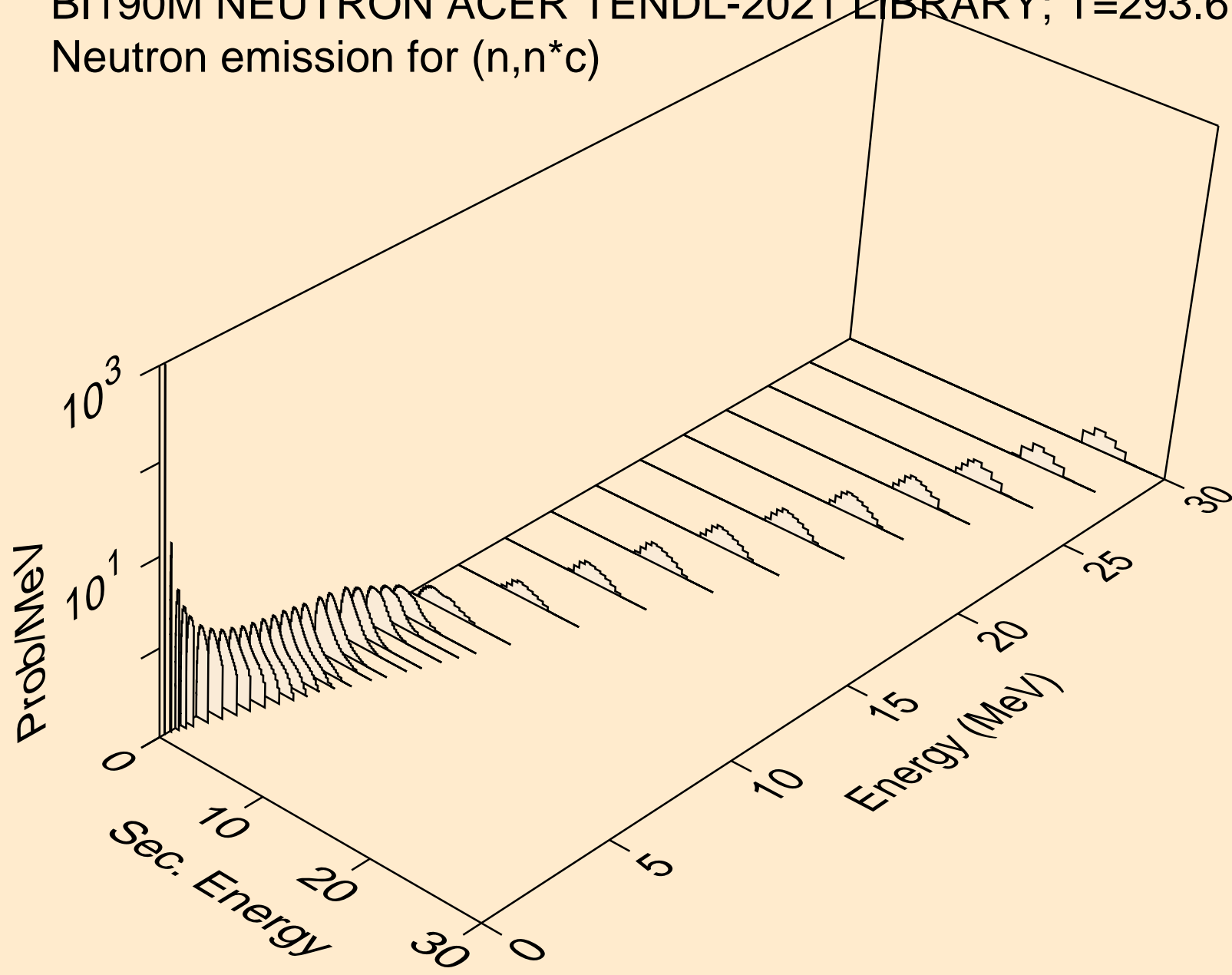
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Neutron emission for (n,2np)



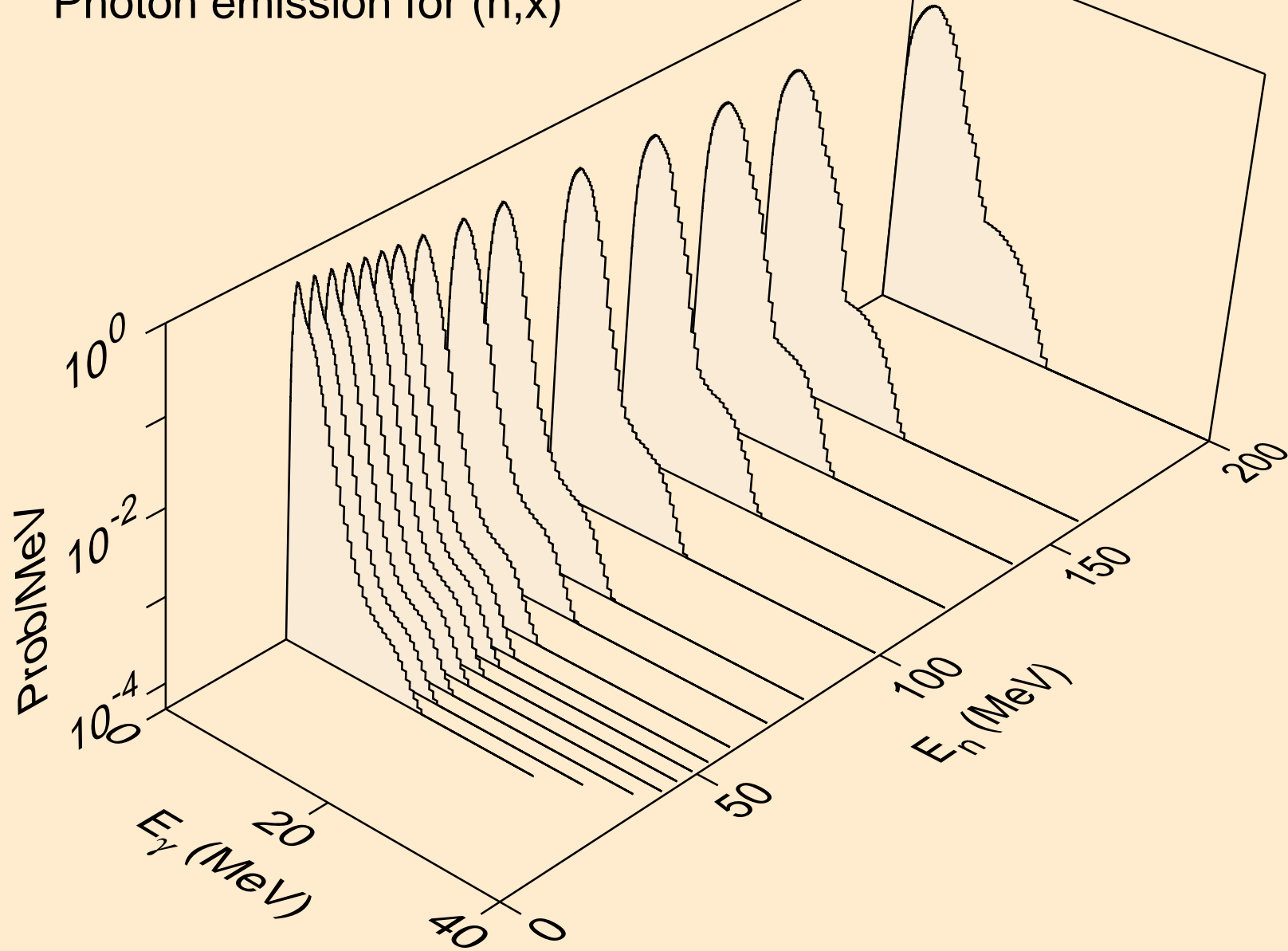
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Neutron emission for (n,npa)



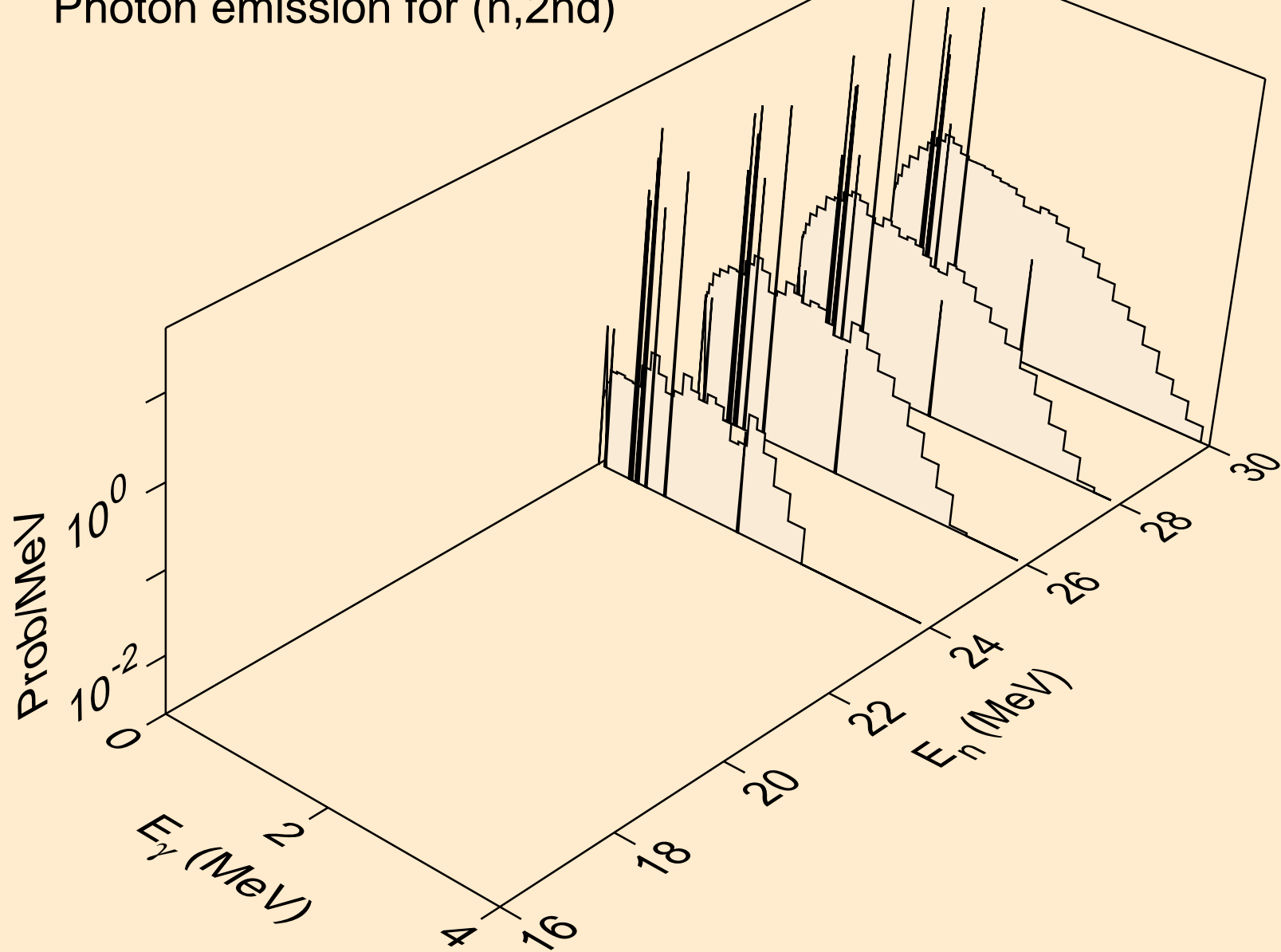
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



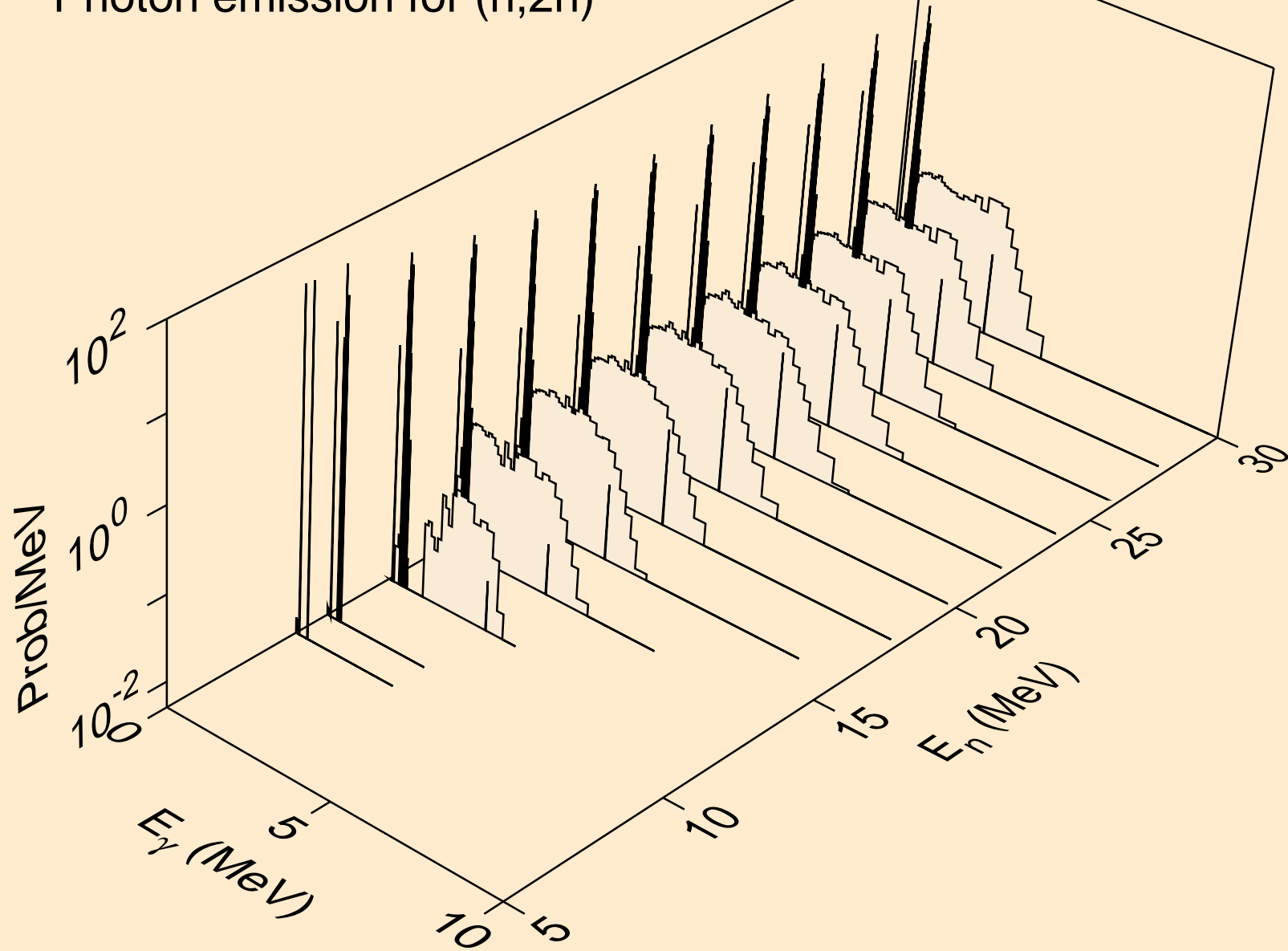
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

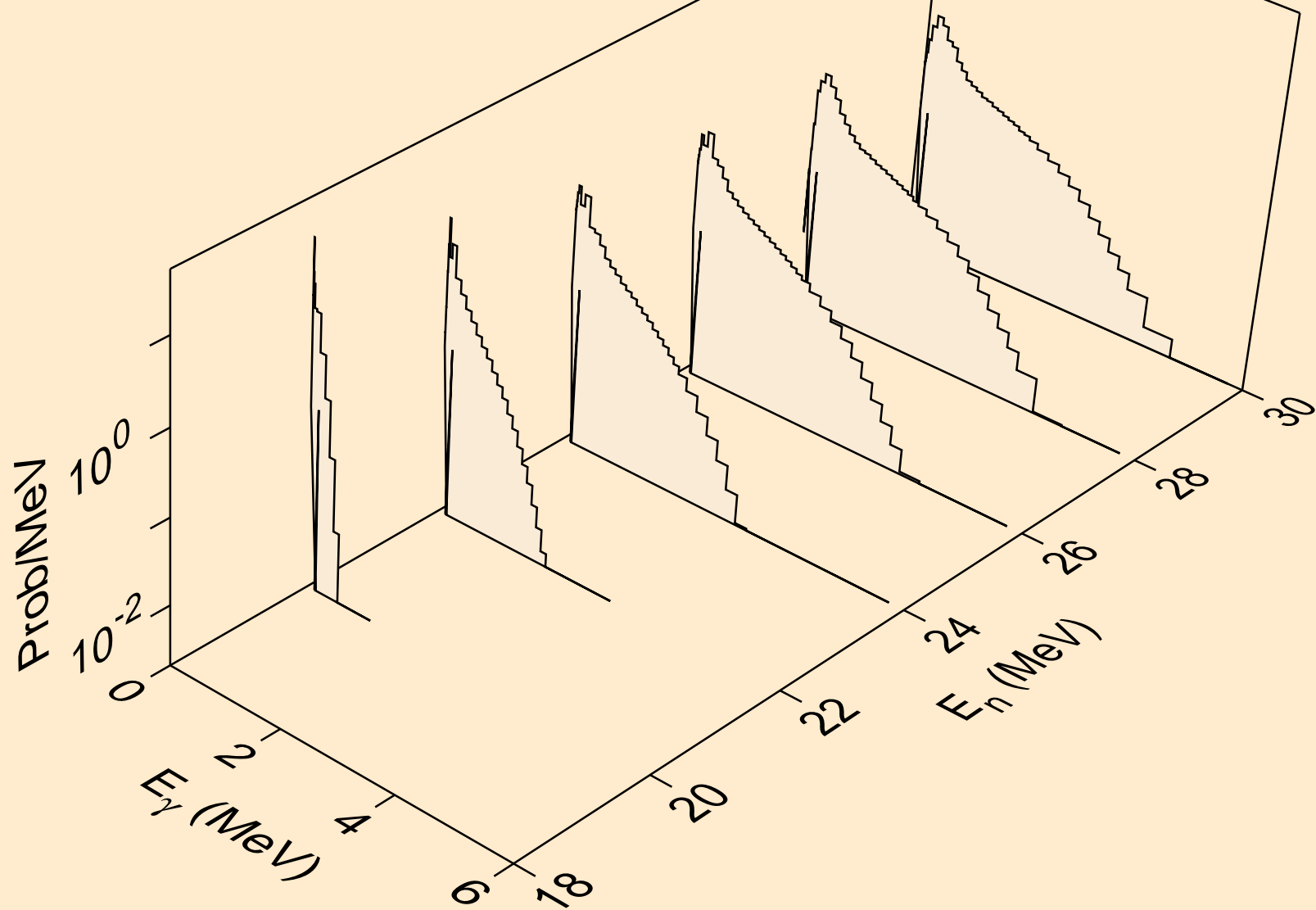


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Photon emission for (n,2n)

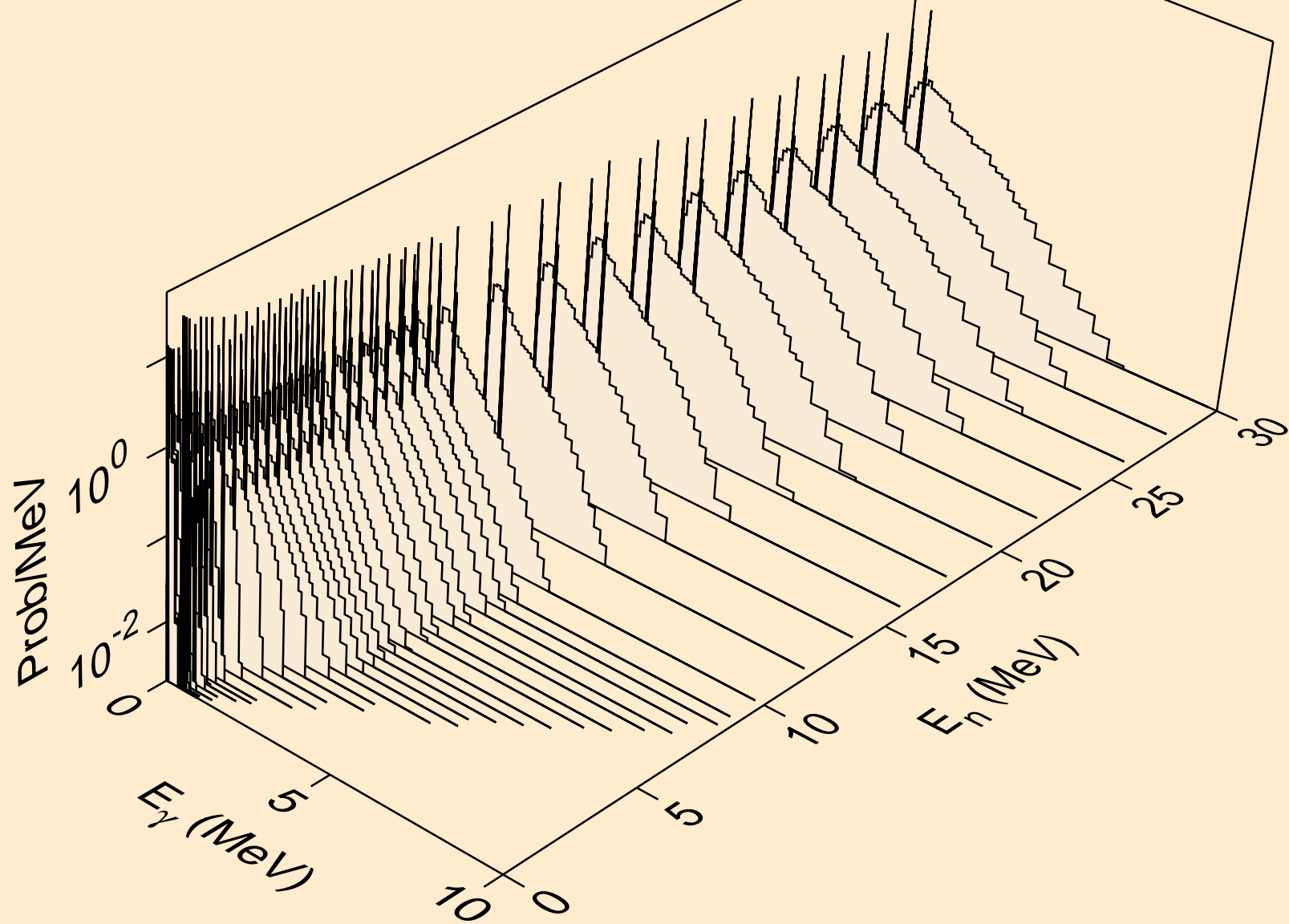




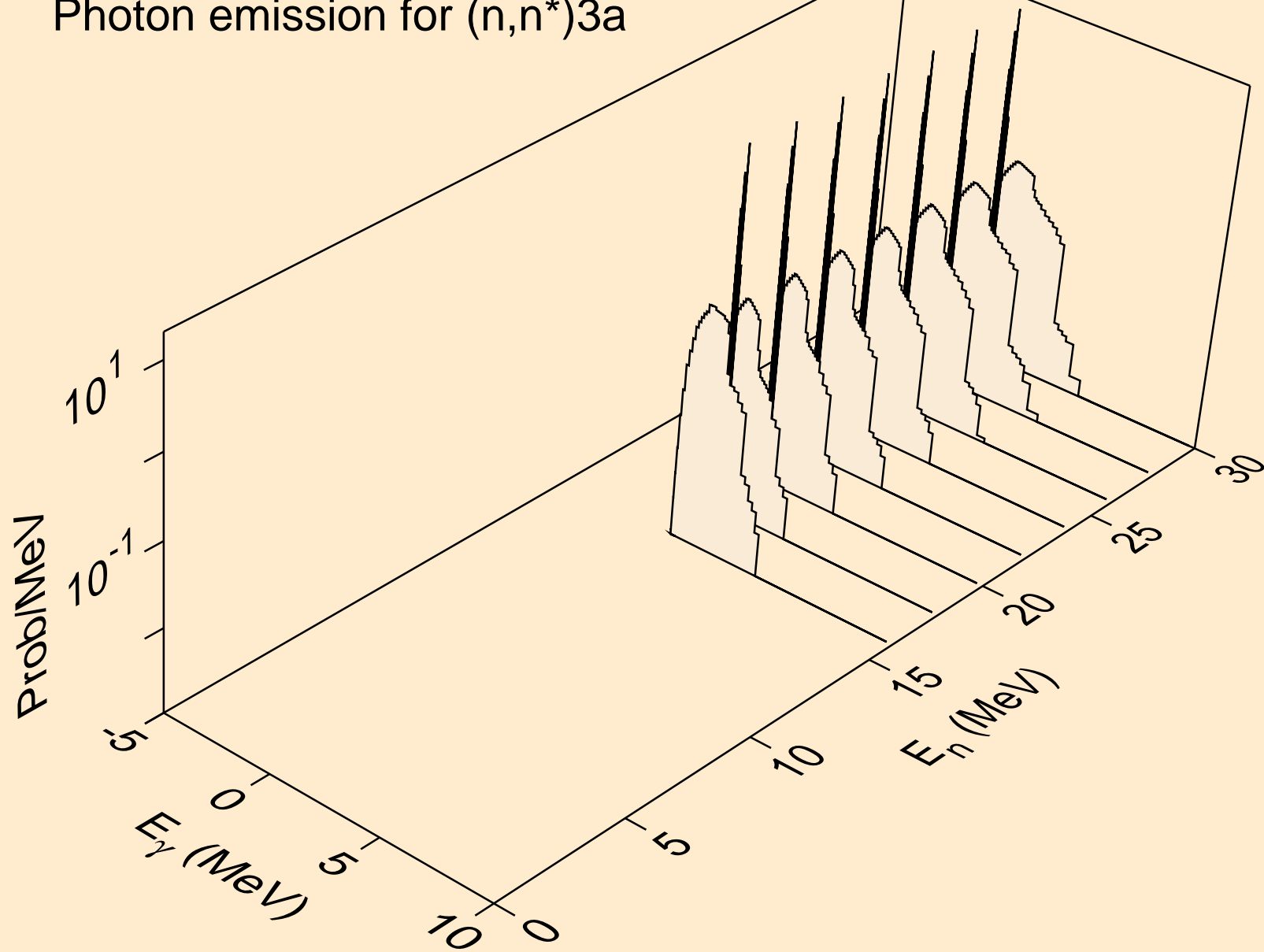
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Photon emission for (n,3n)



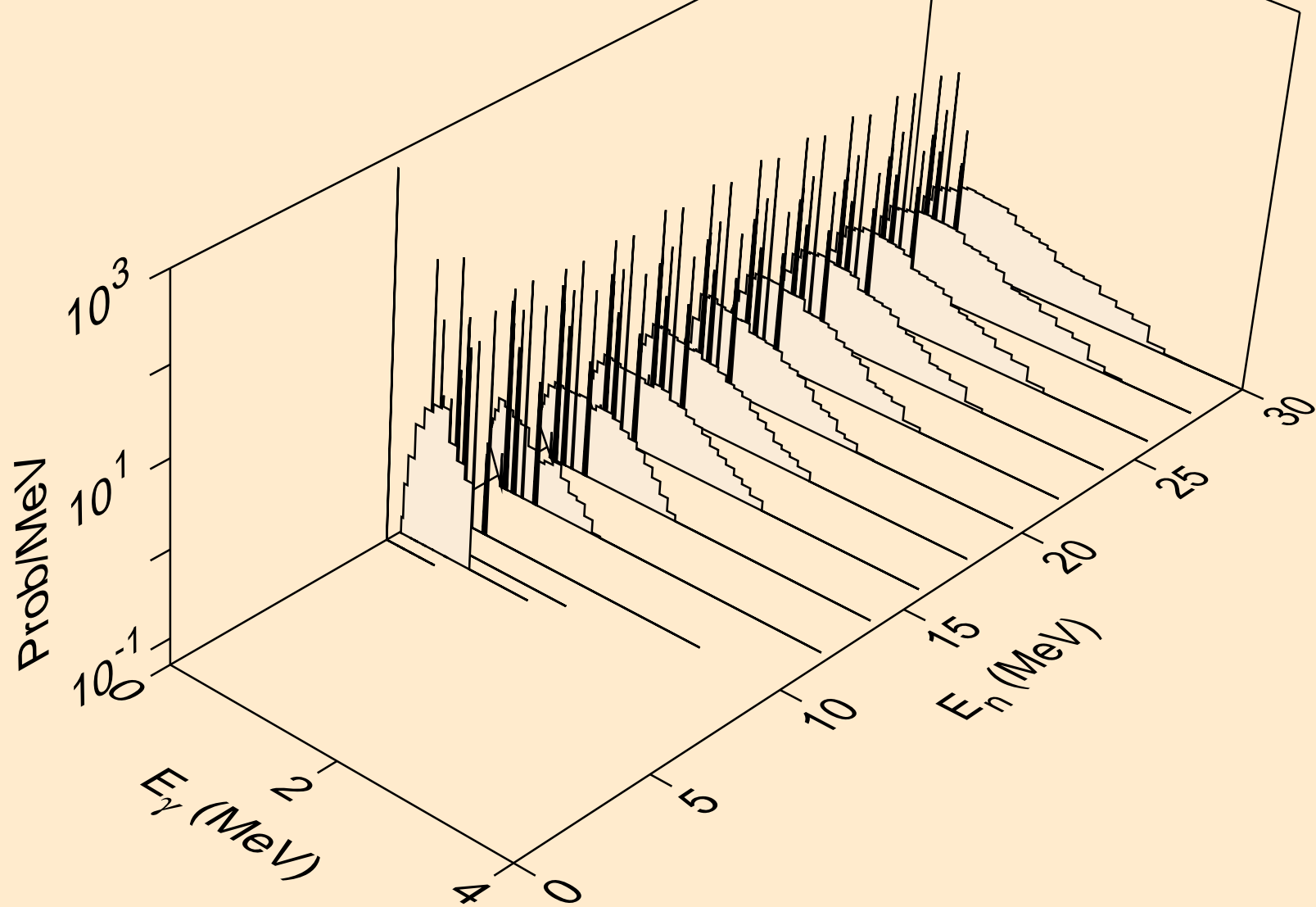
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Photon emission for (n,n\*)a



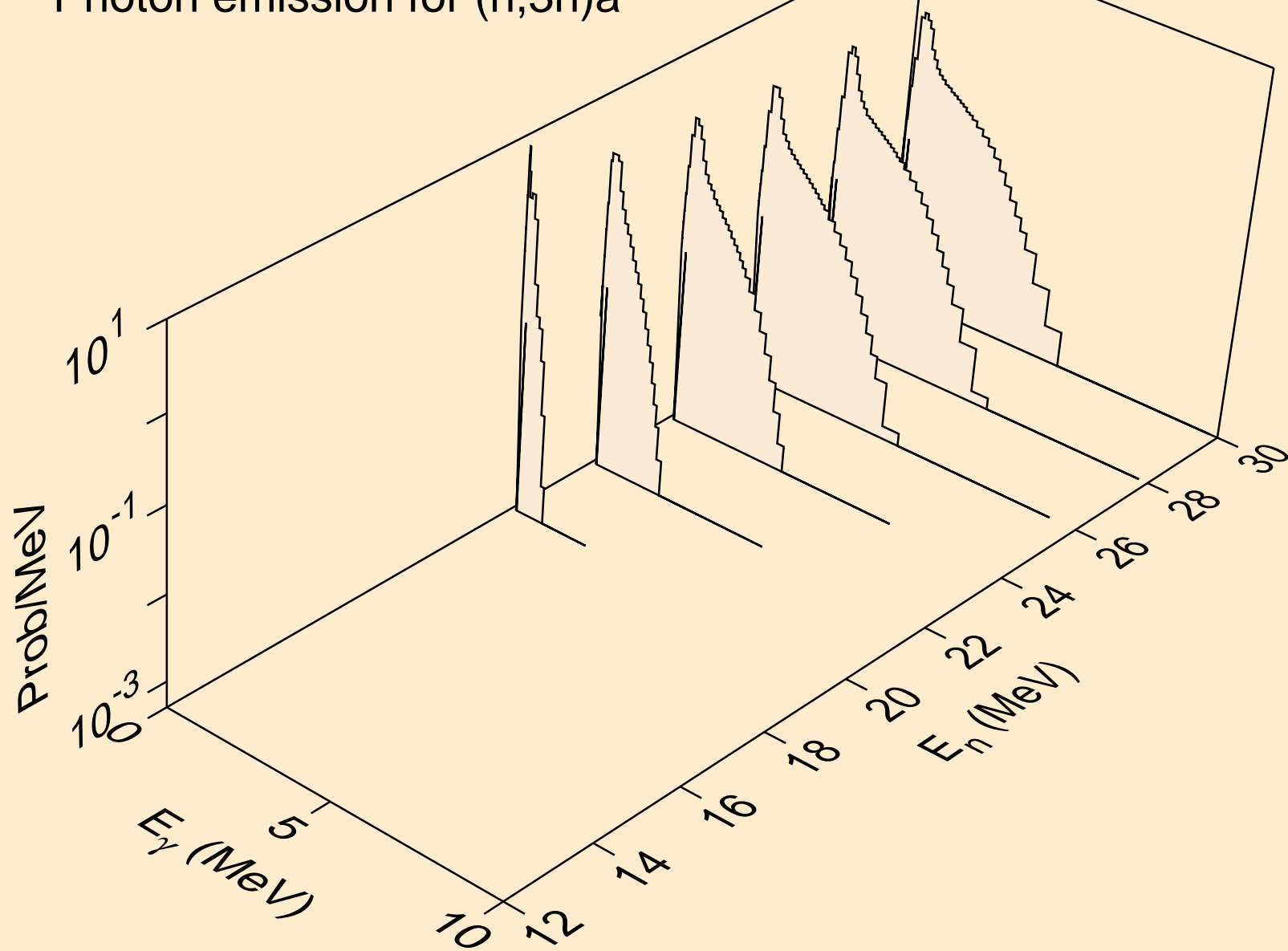
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Photon emission for (n,n\*)3a



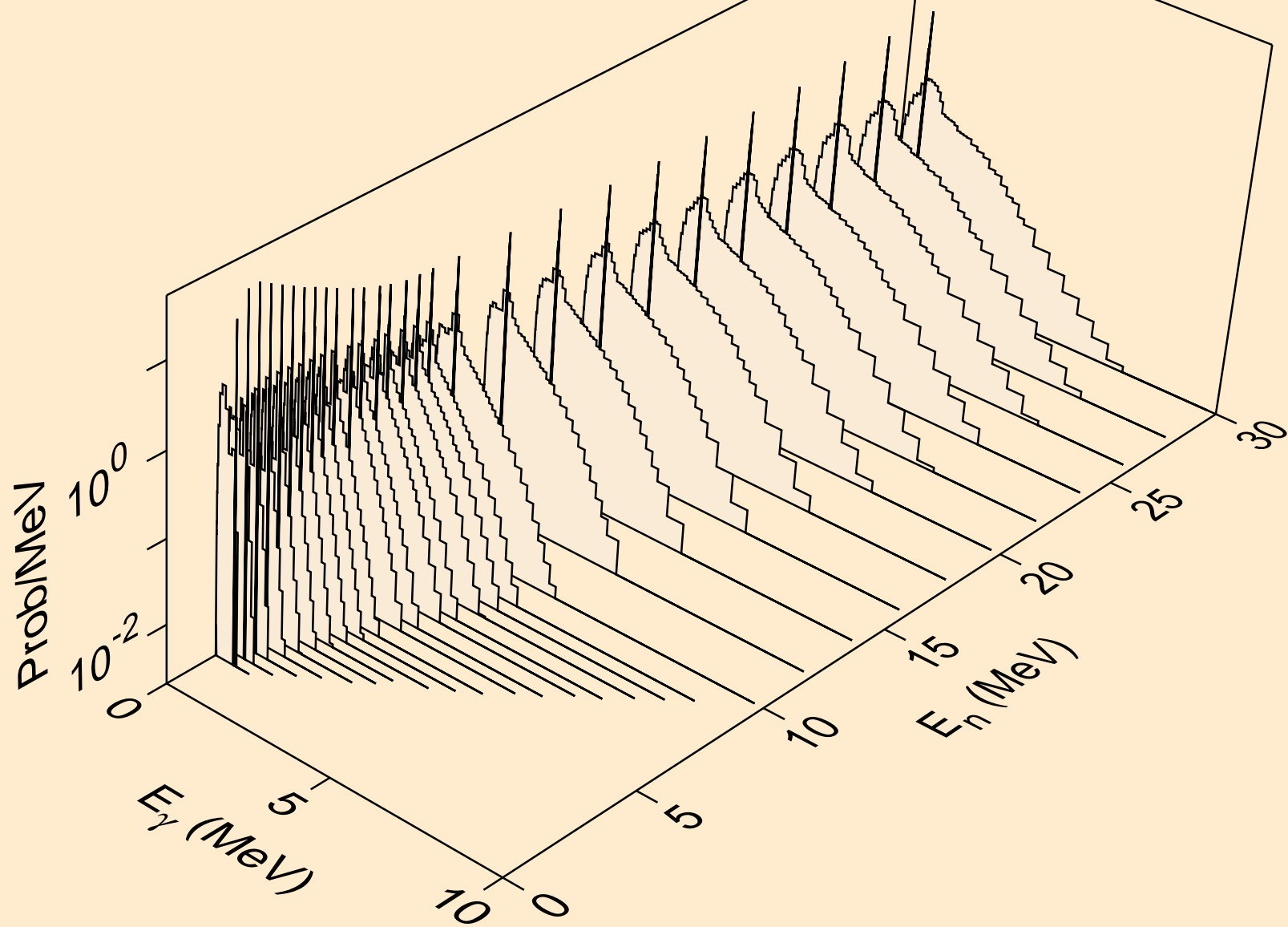
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Photon emission for (n,2n)a



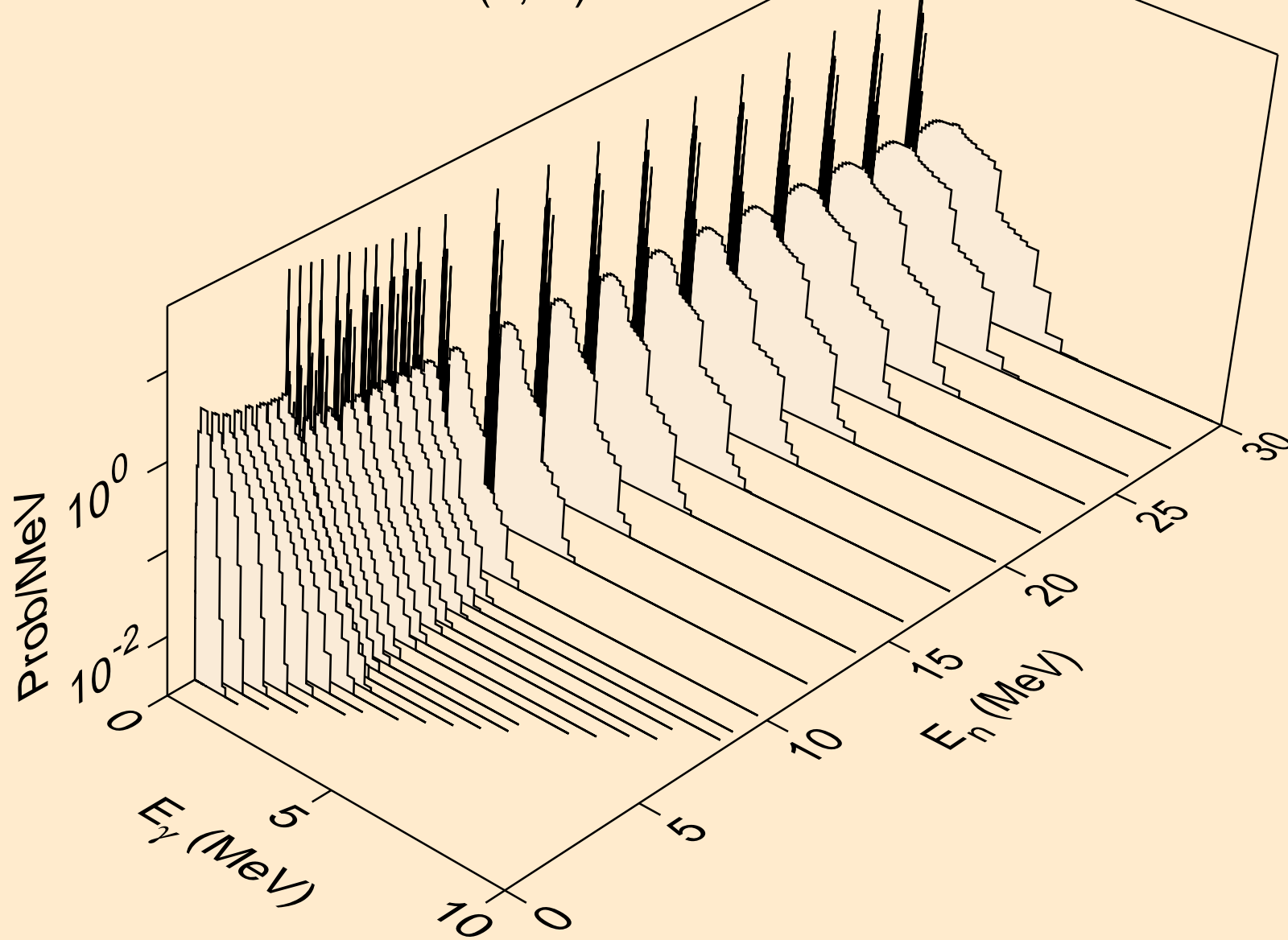
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Photon emission for (n,3n)a



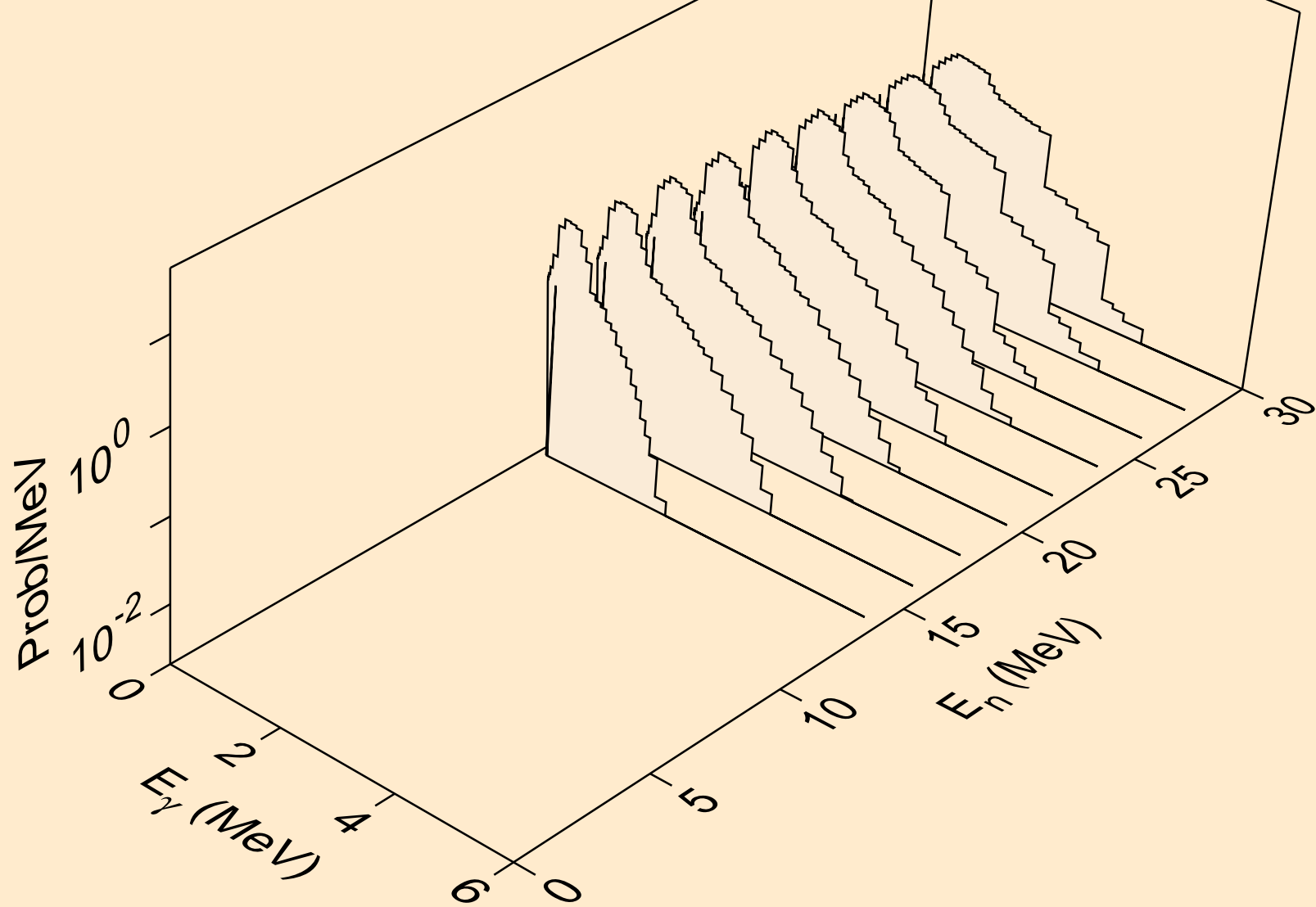
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

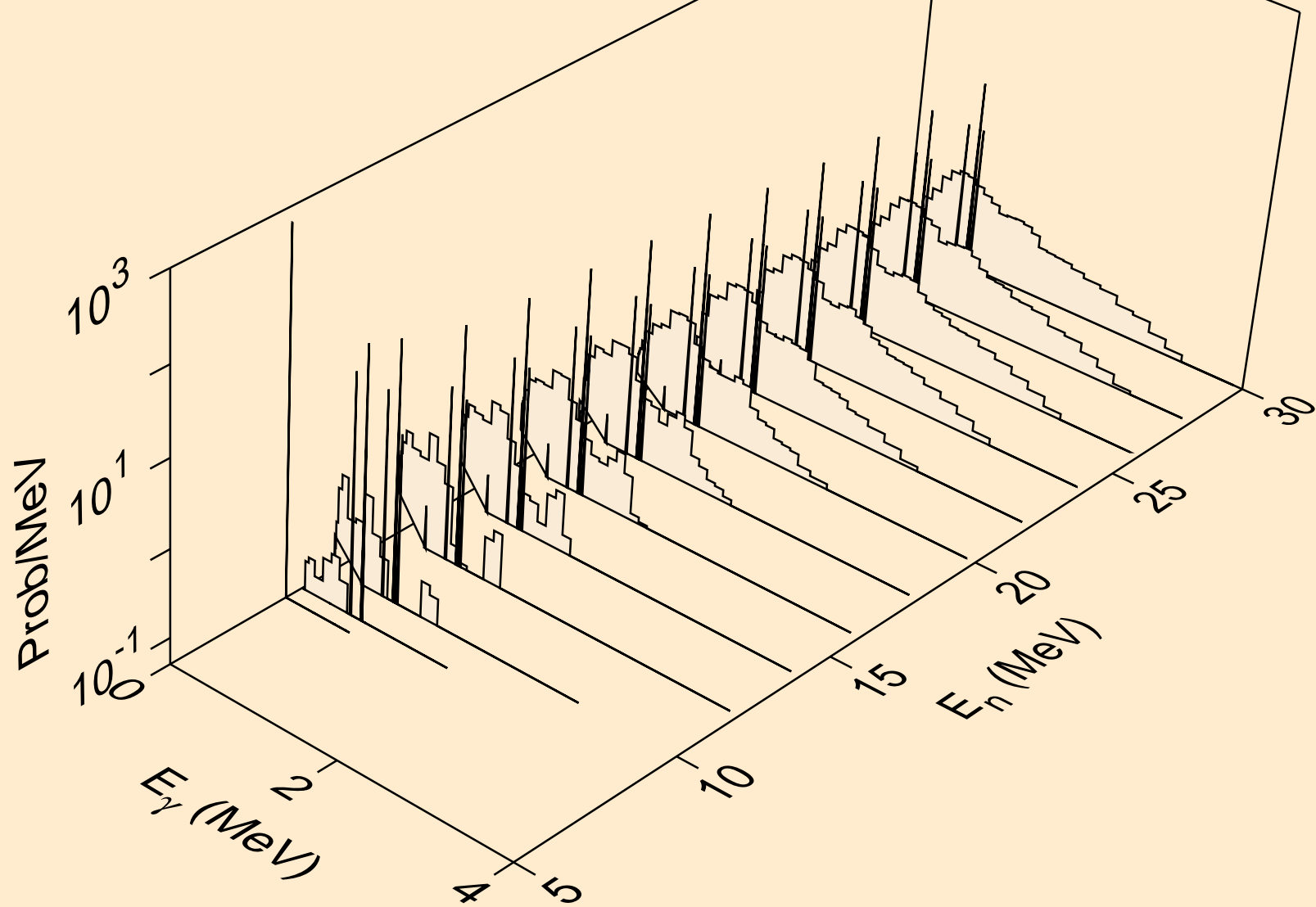


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a

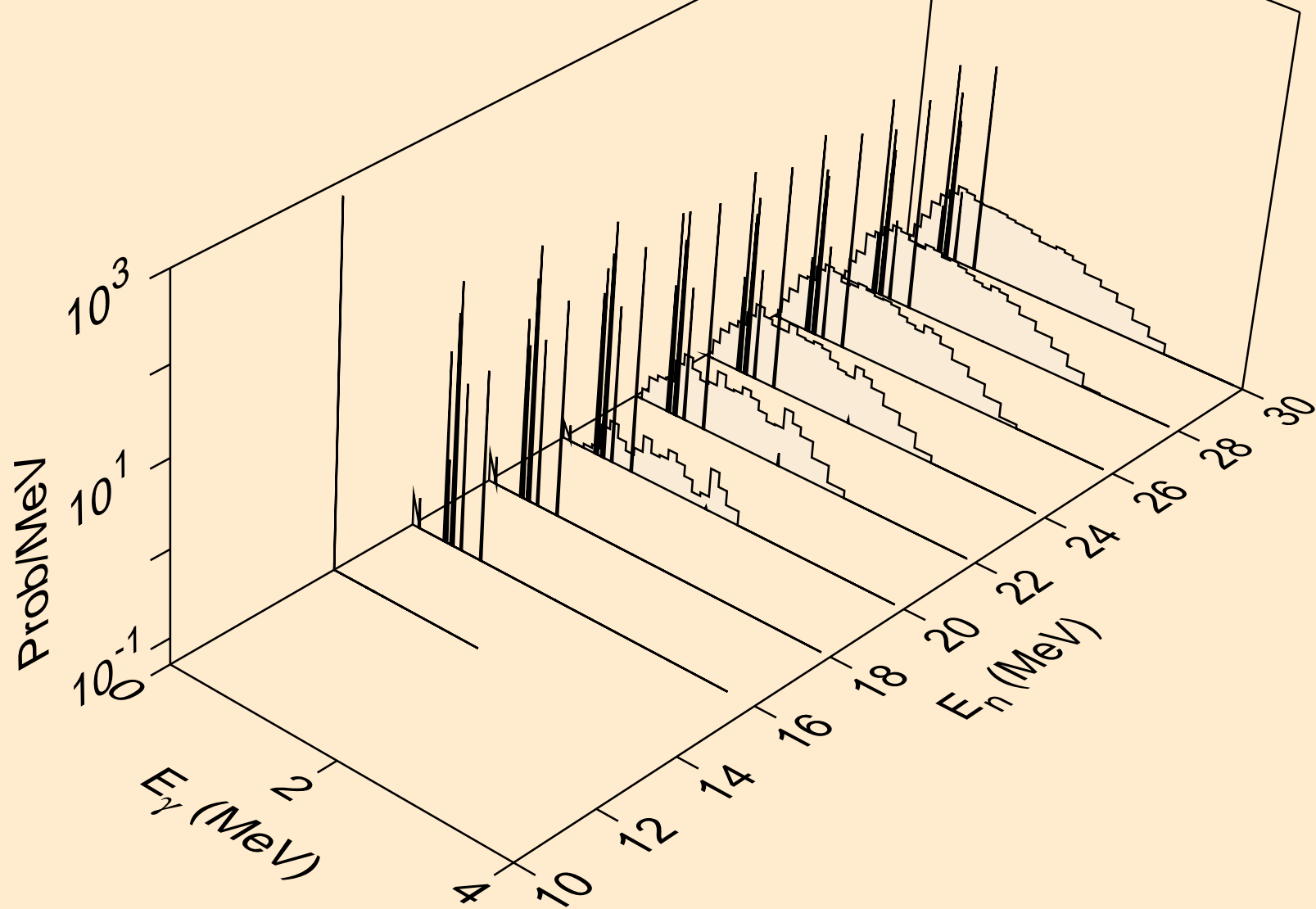




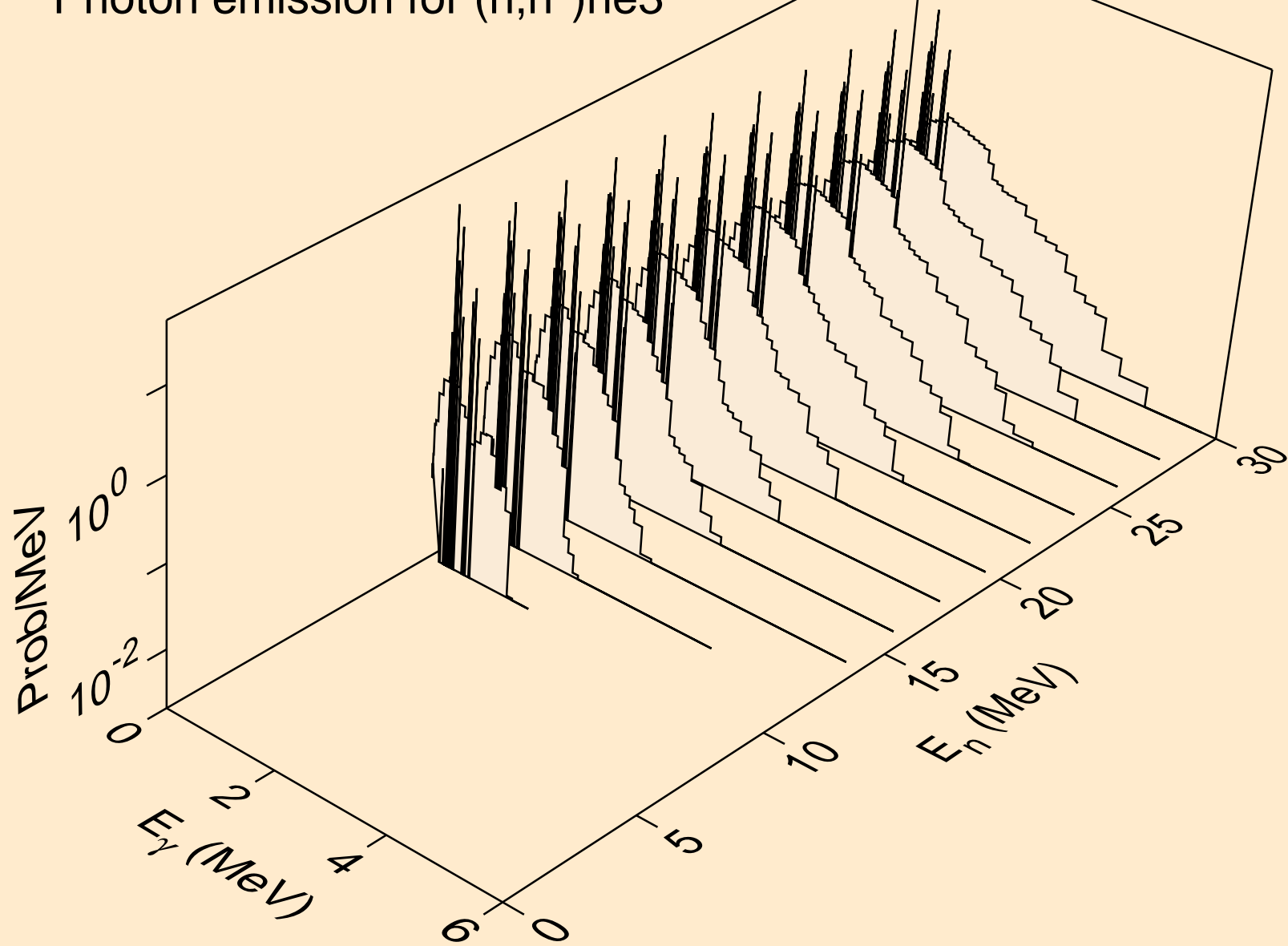
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



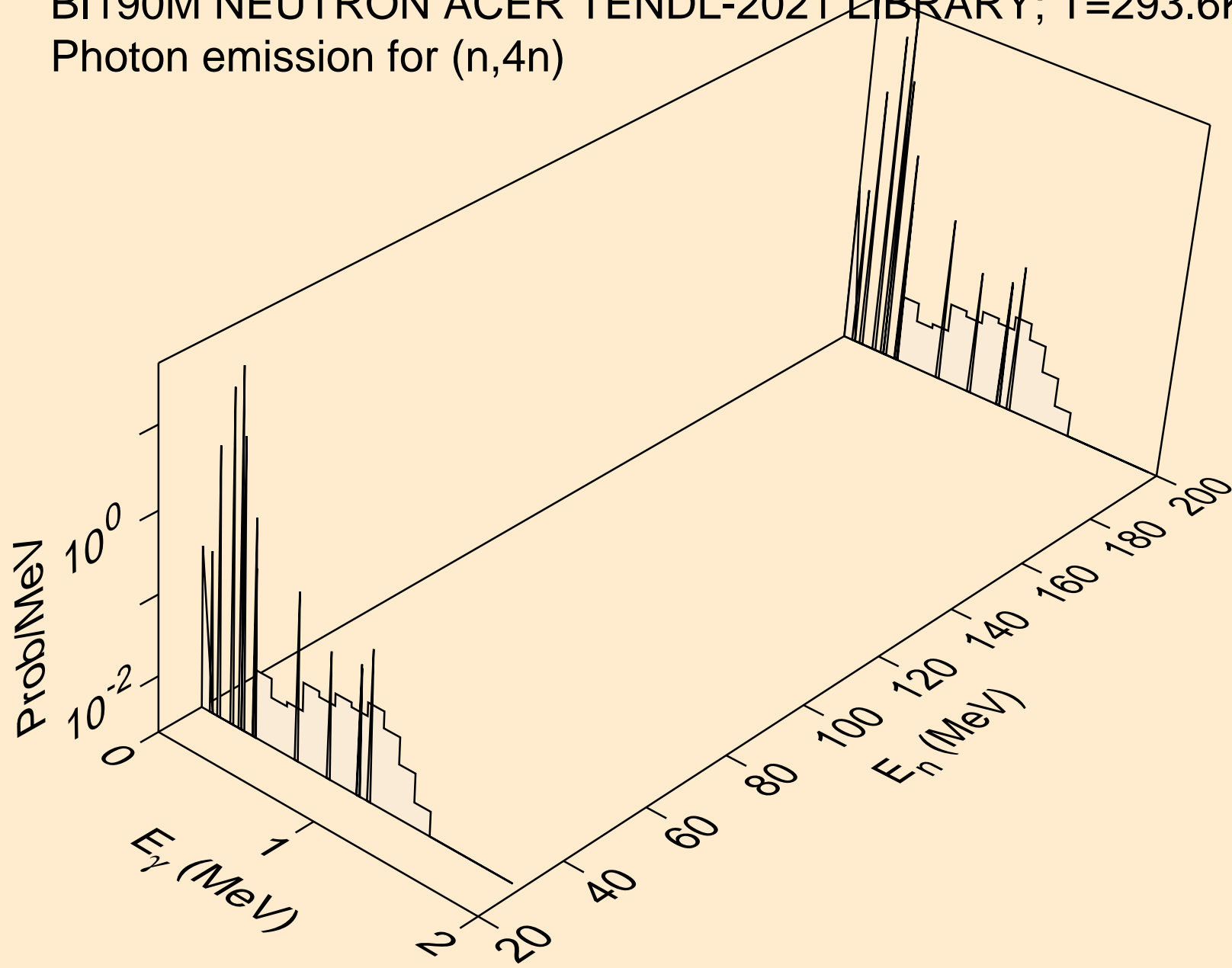
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Photon emission for (n,n\*)t



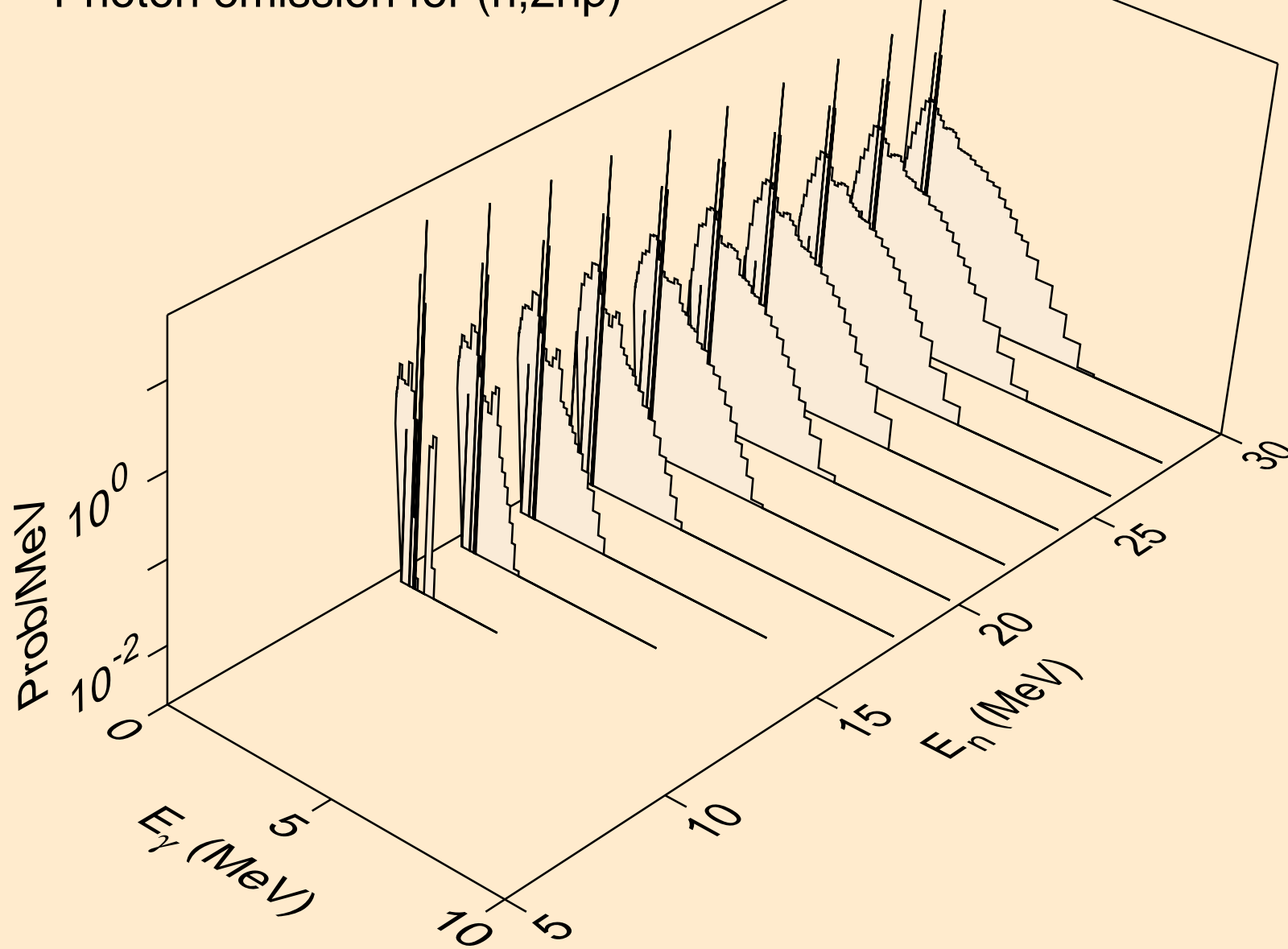
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



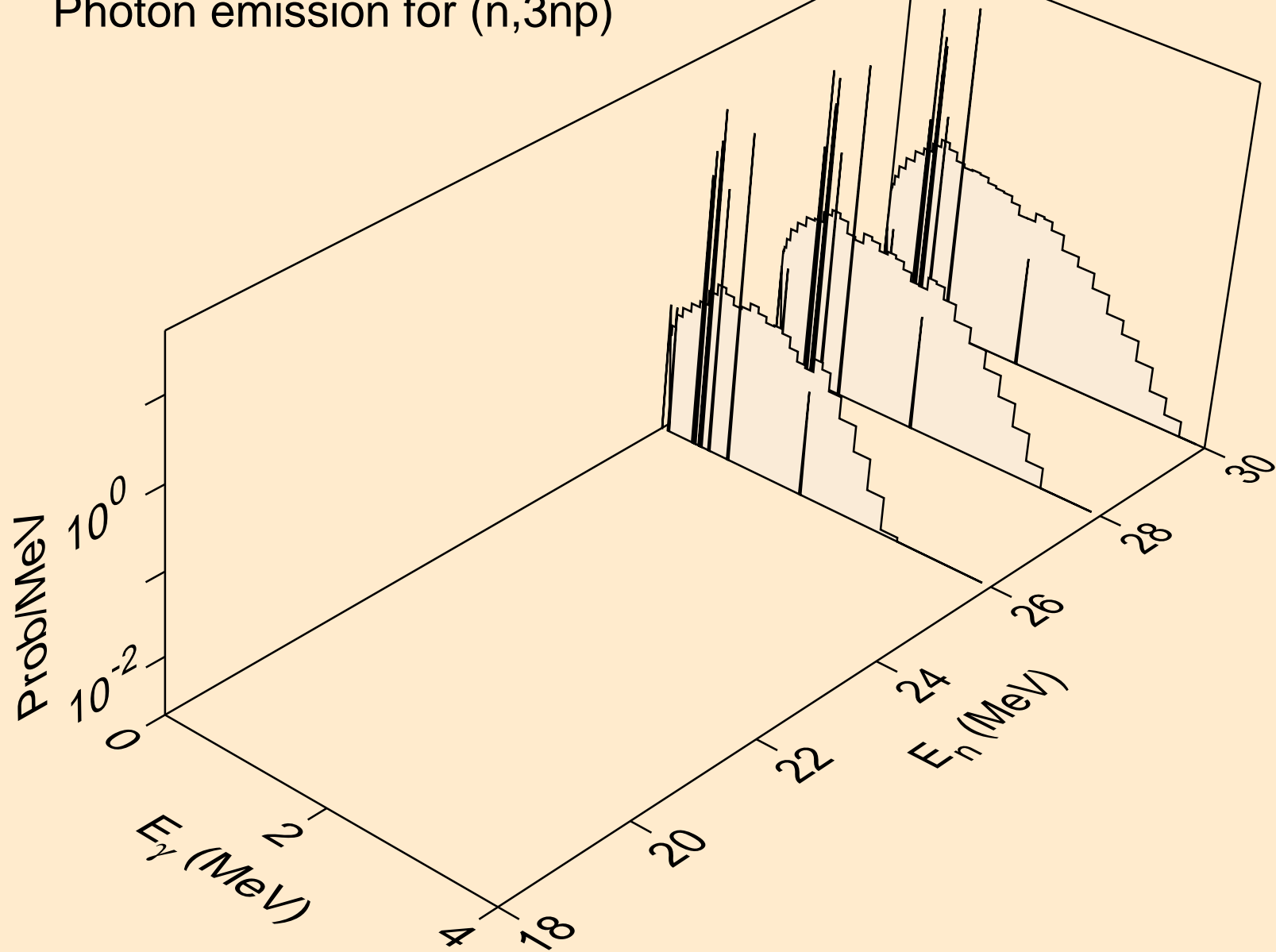
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Photon emission for (n,4n)



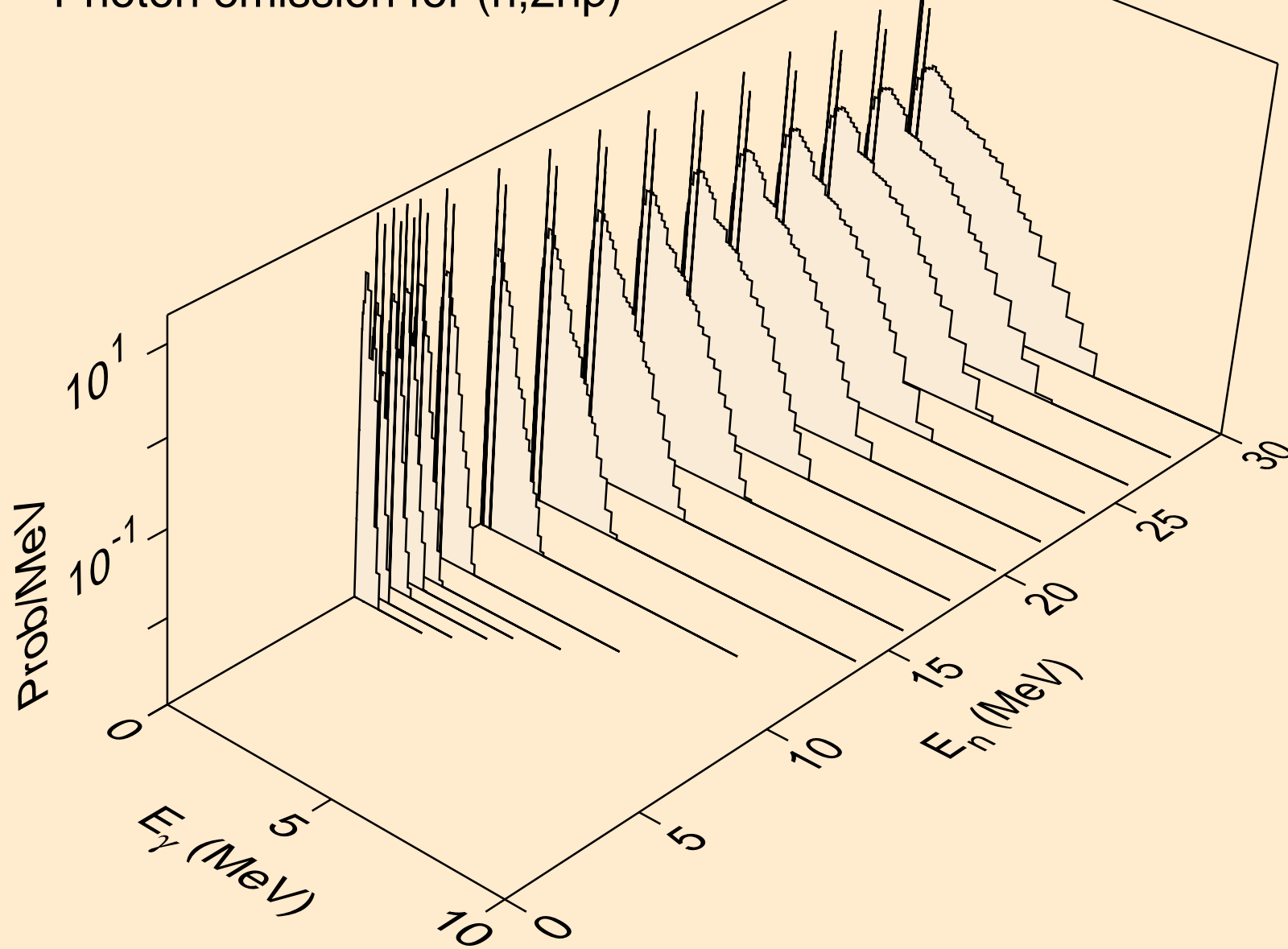
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Photon emission for (n,2np)



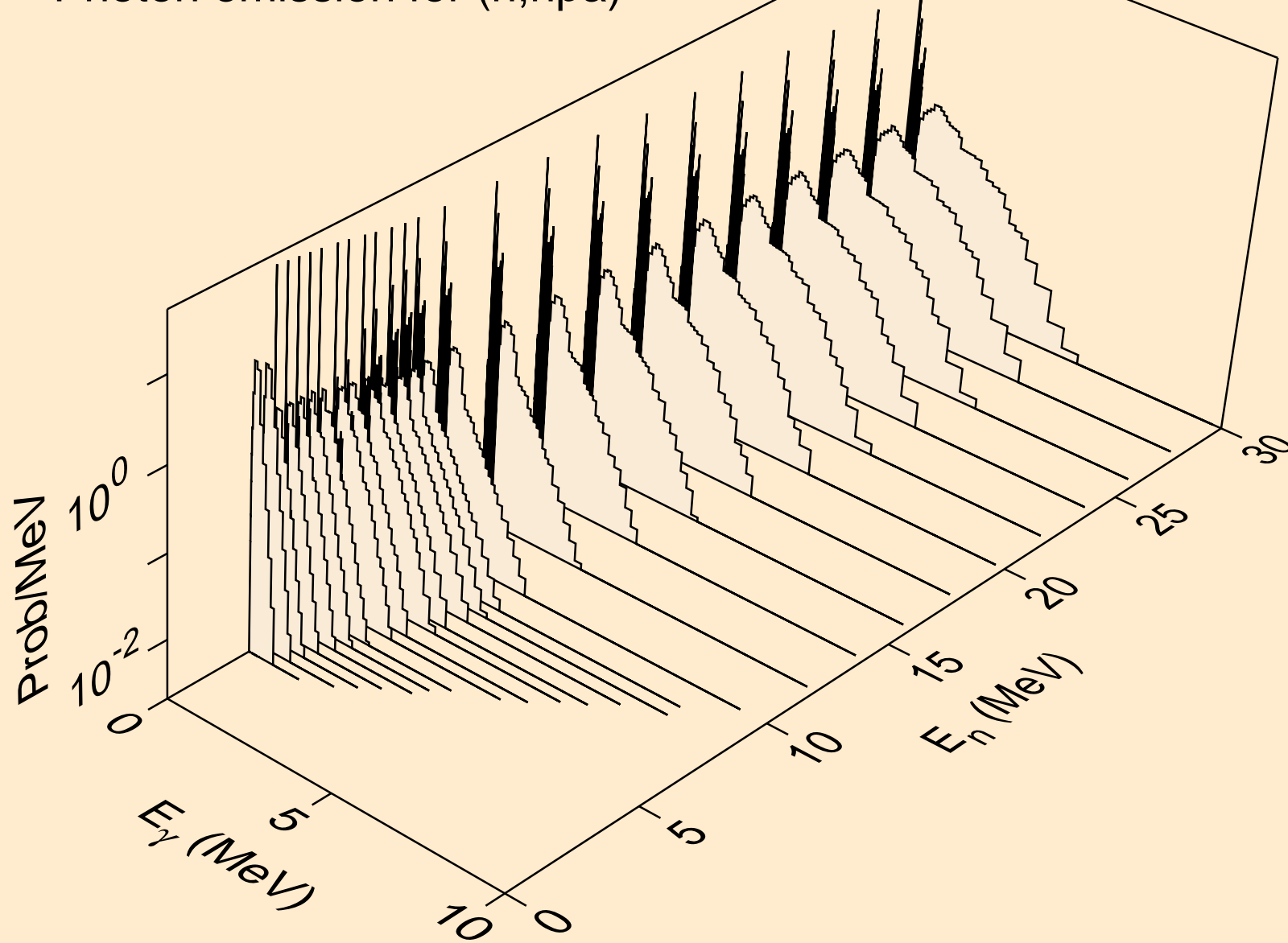
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

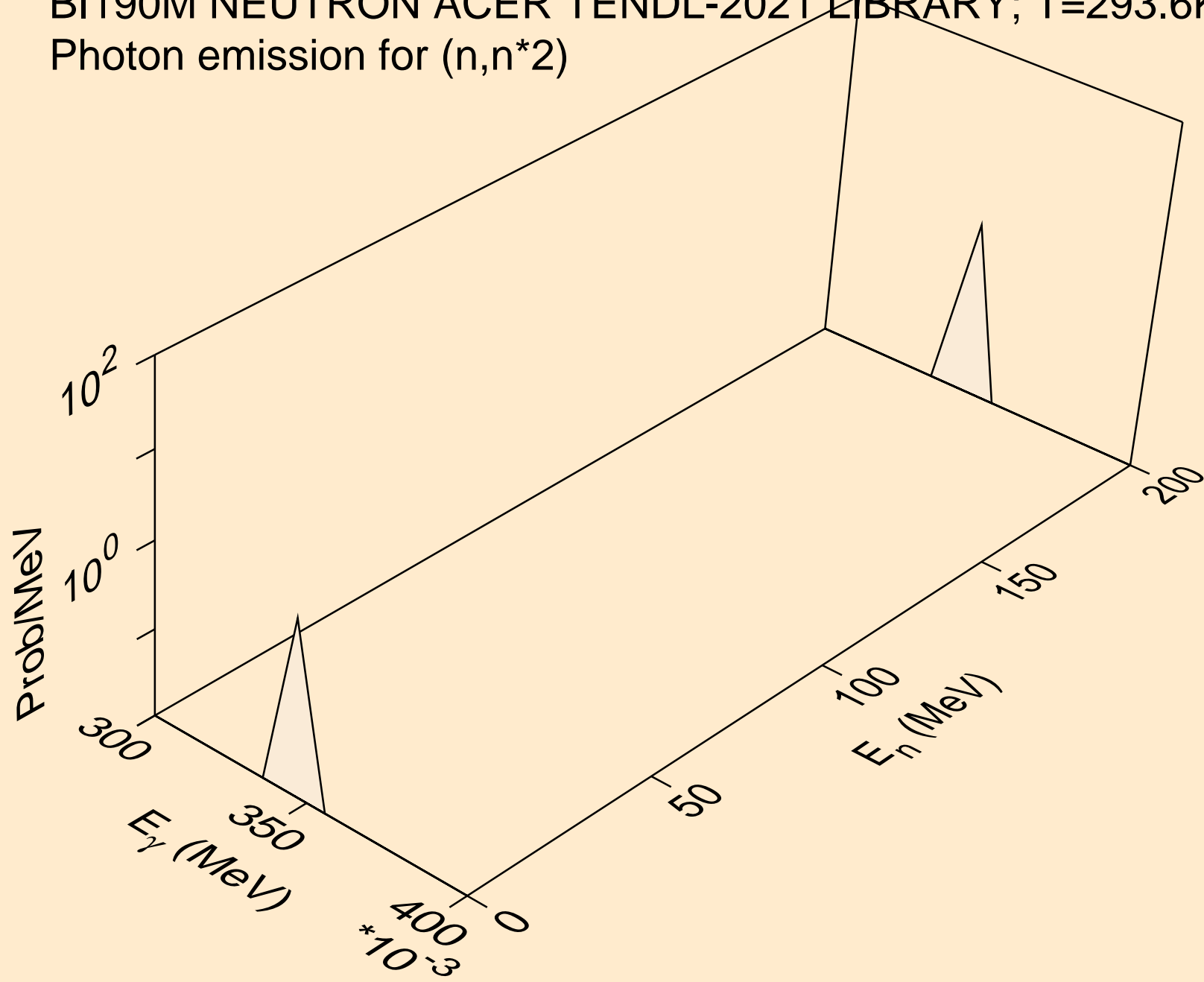


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Photon emission for (n,npa)

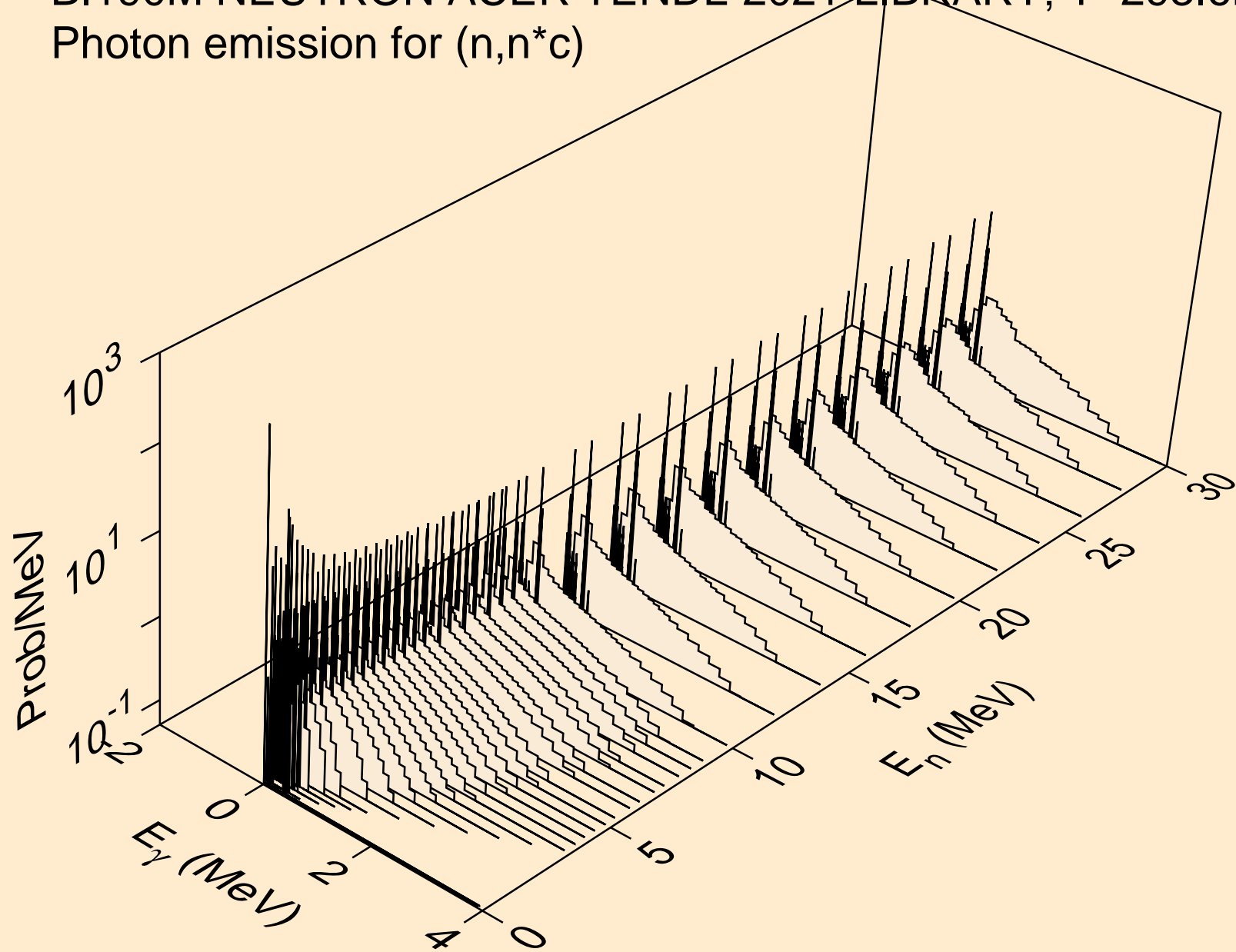




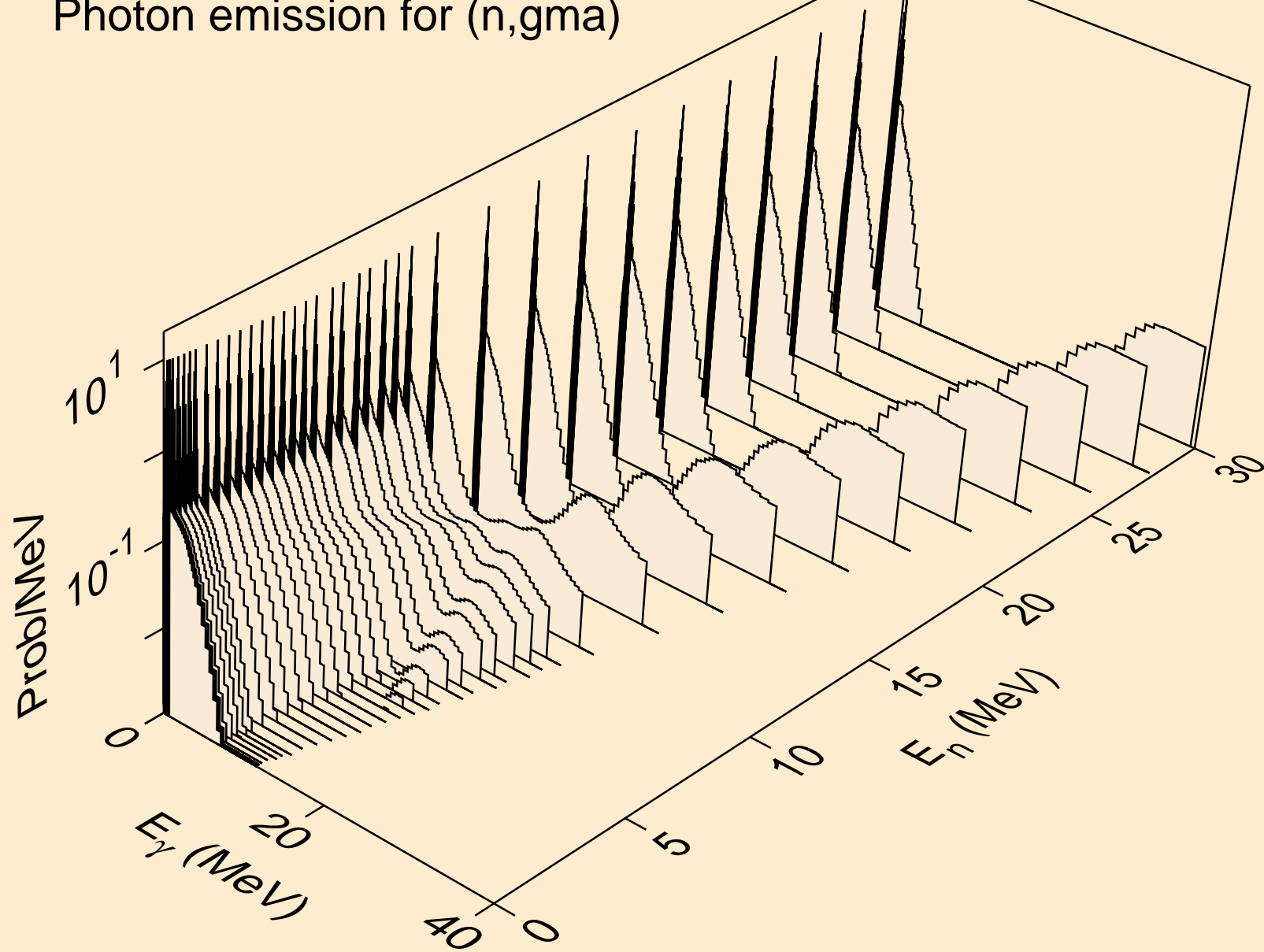
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*2)



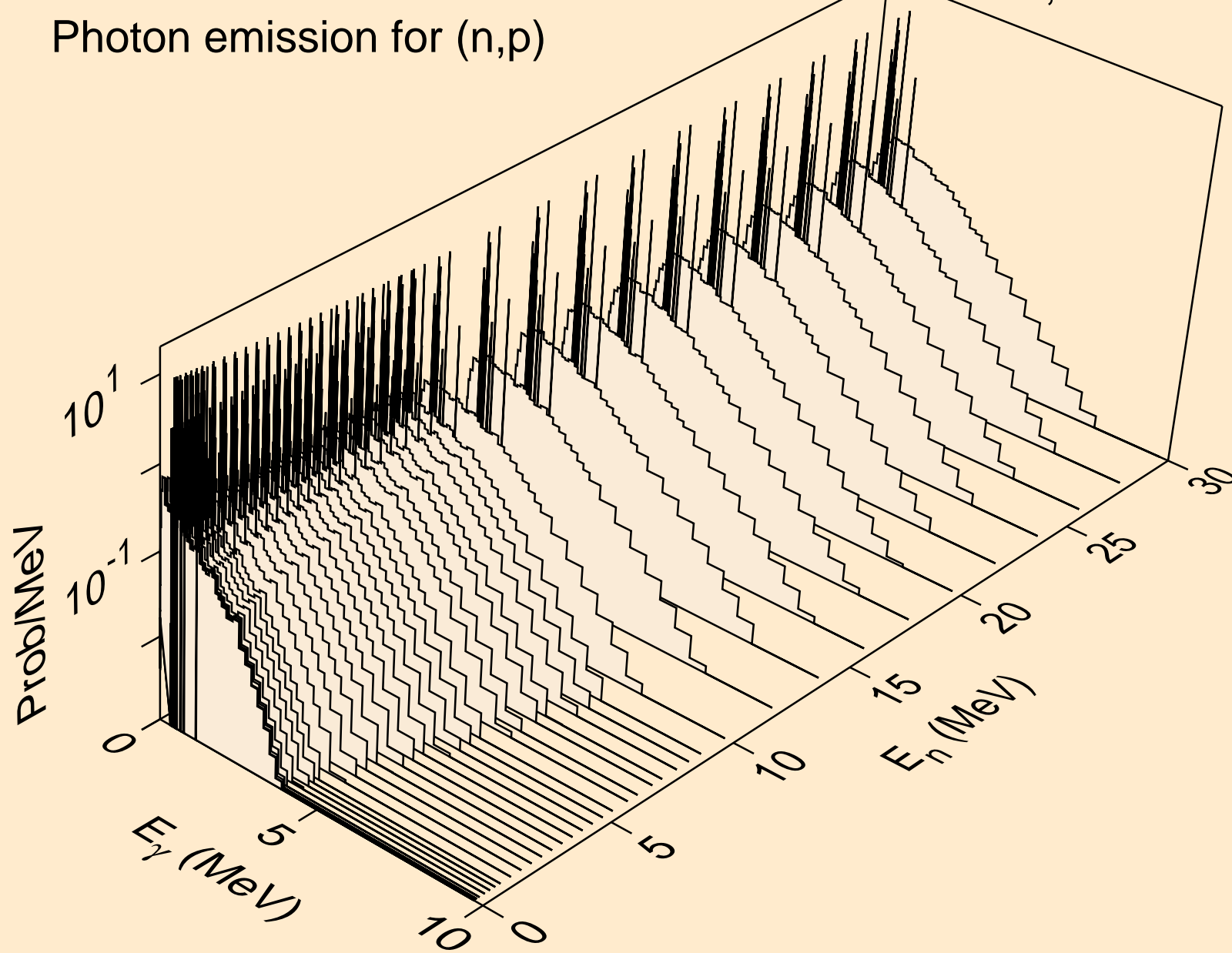
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



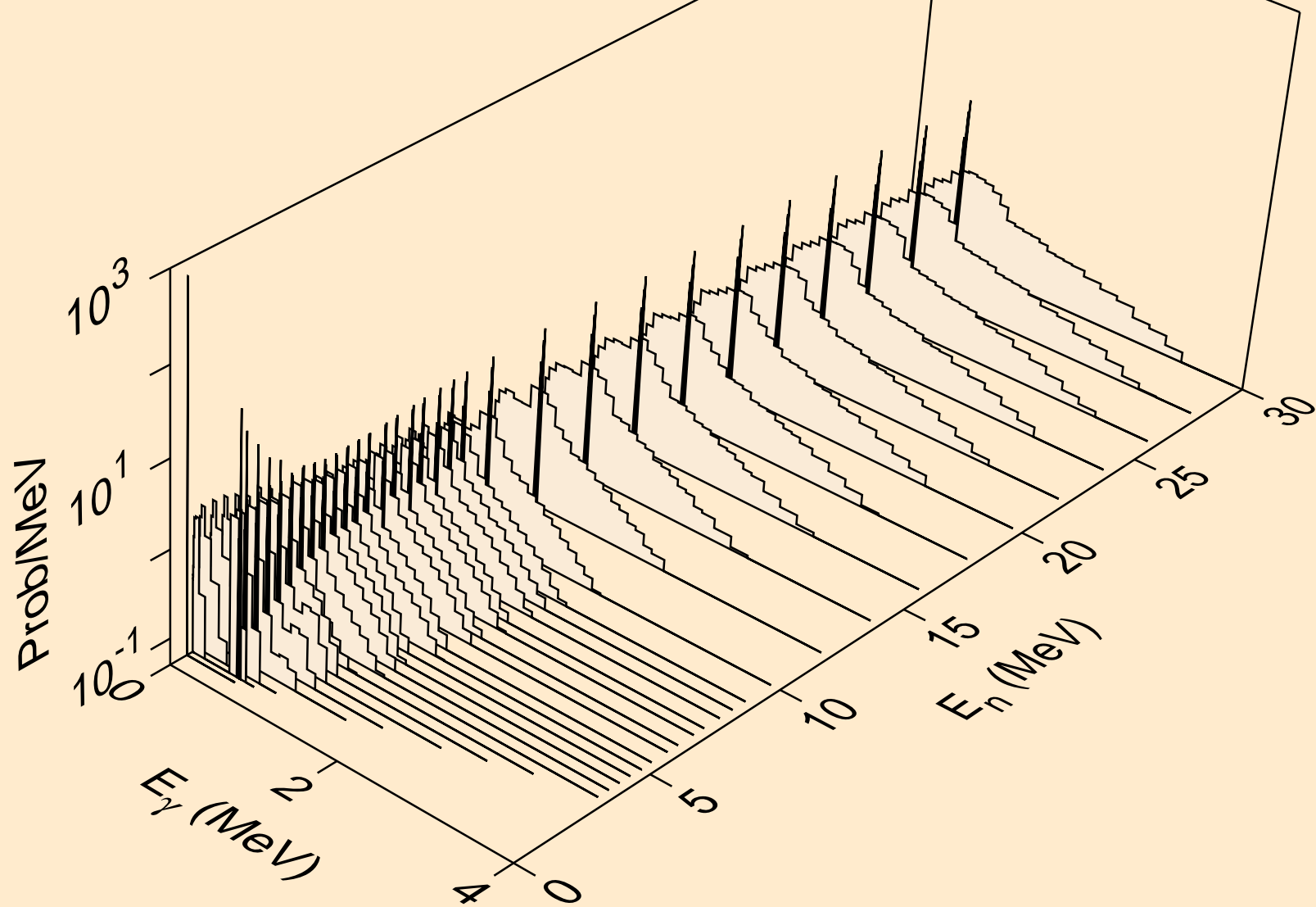
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



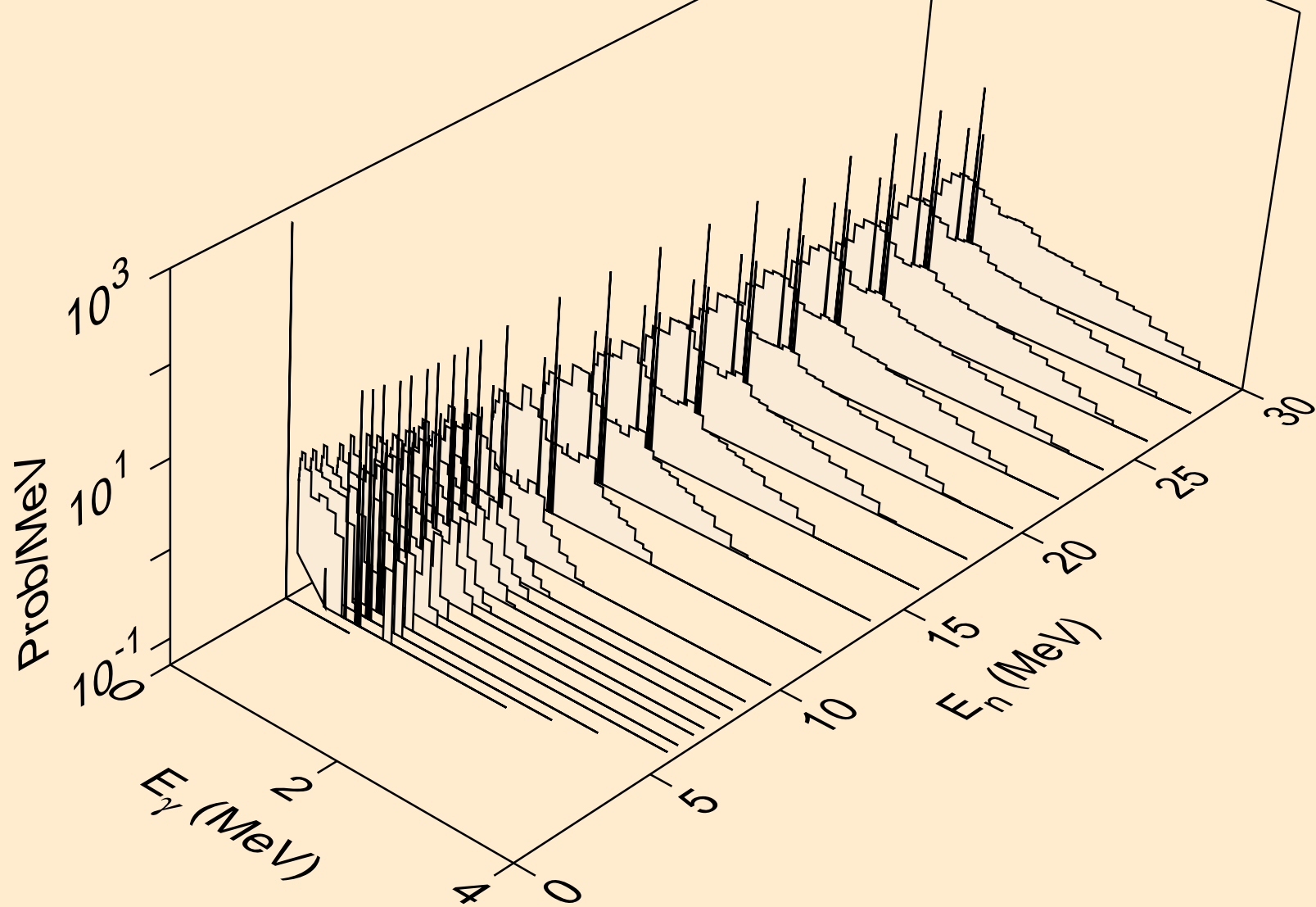
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



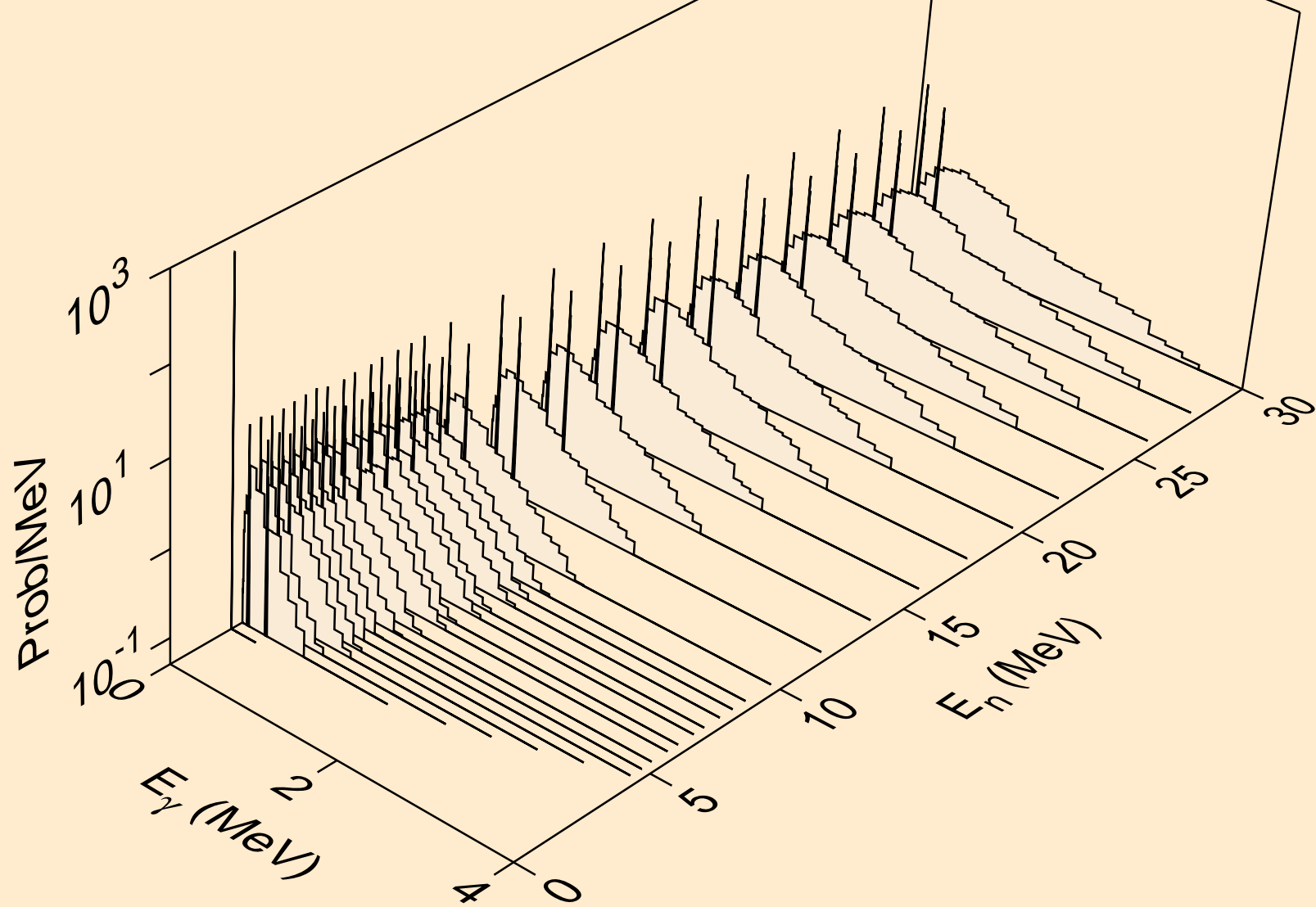
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



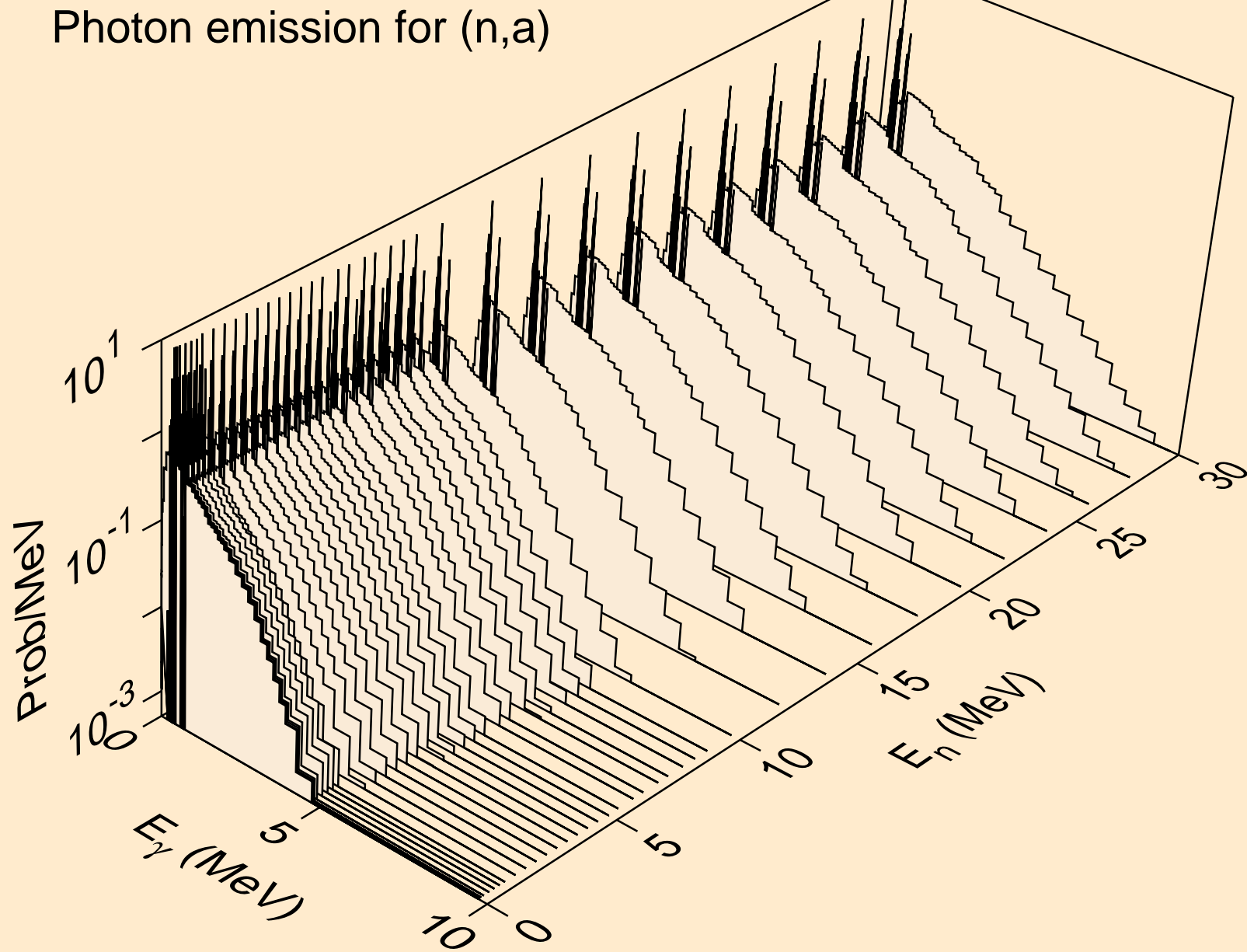
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

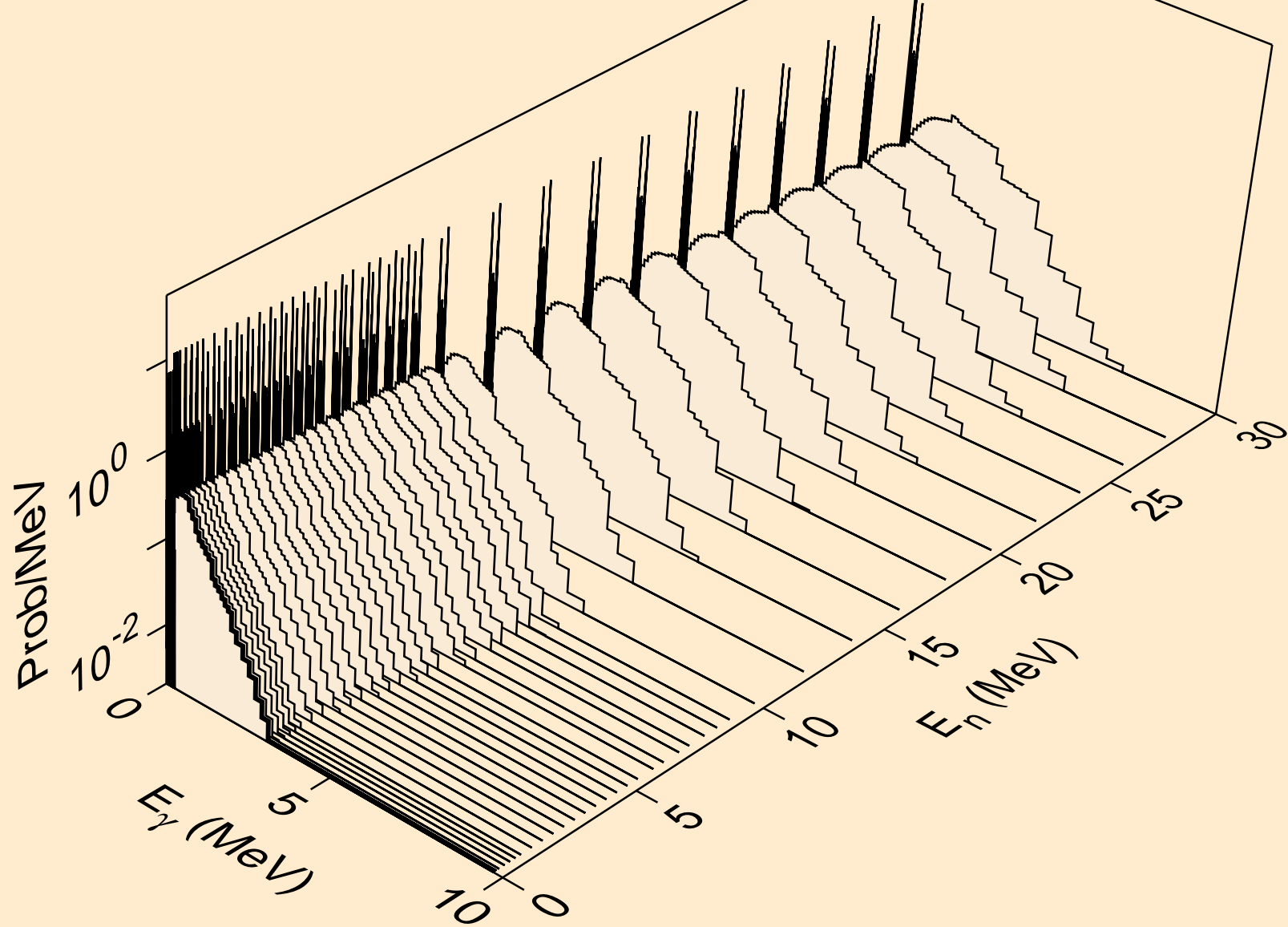


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

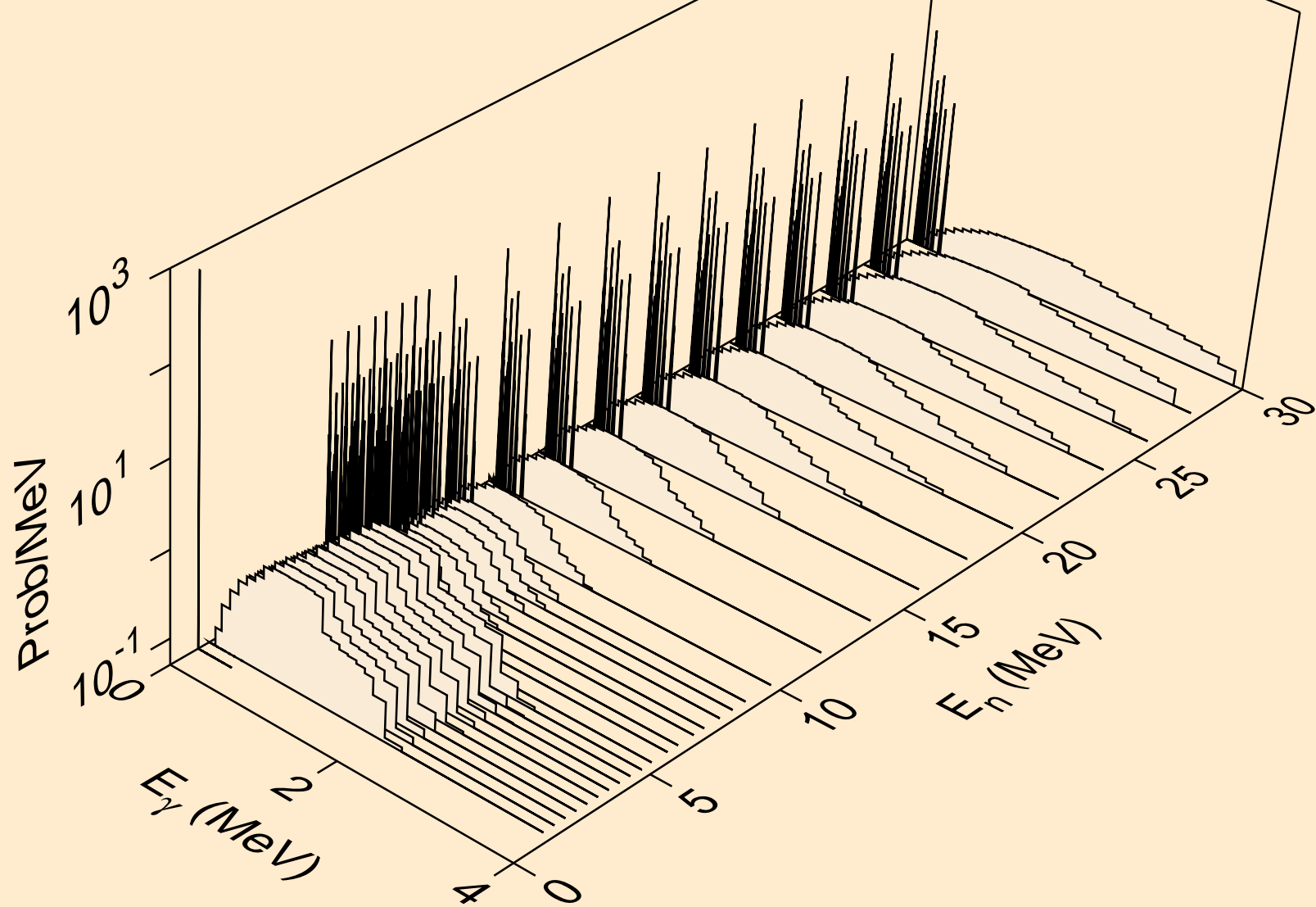




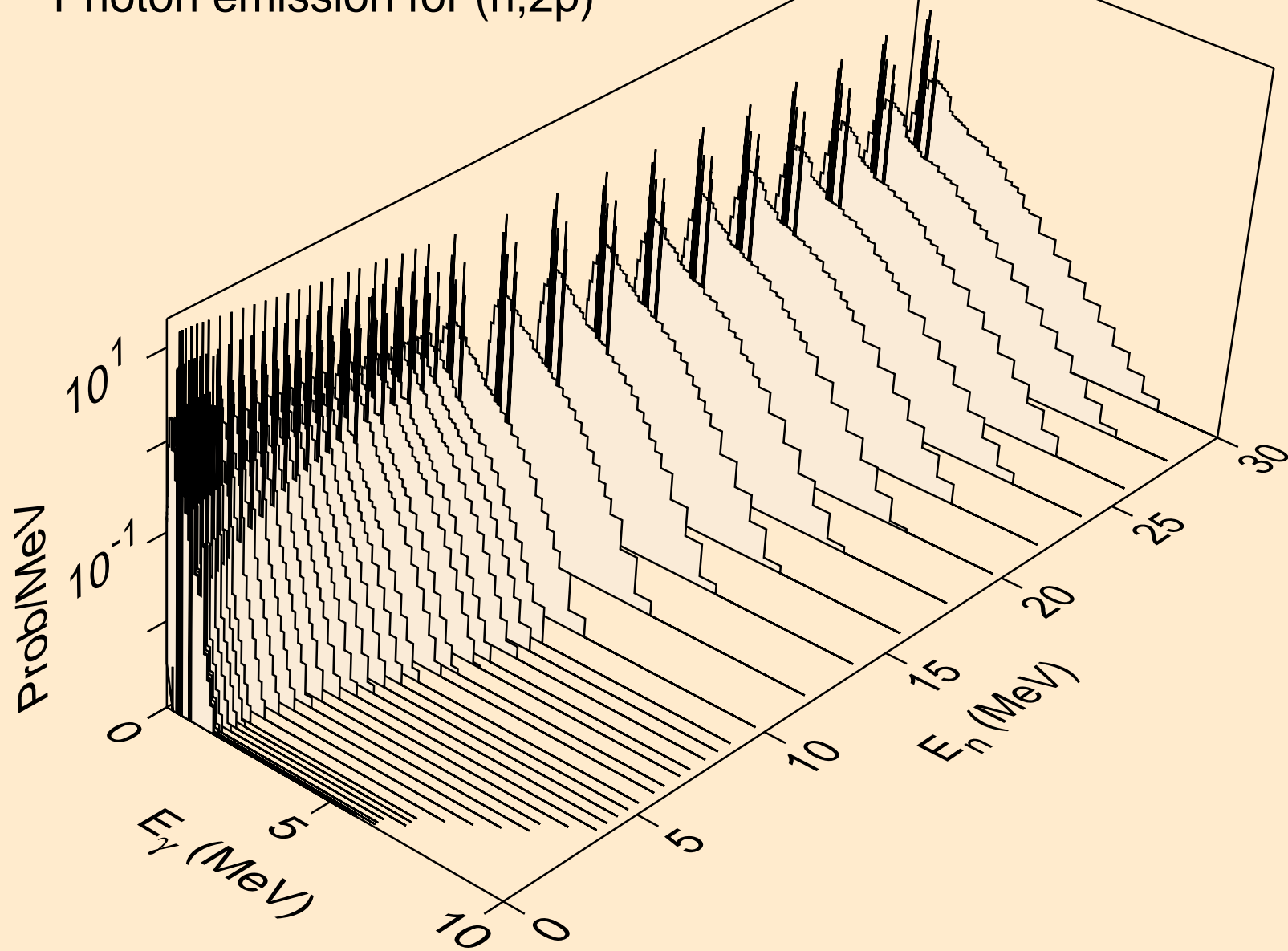
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



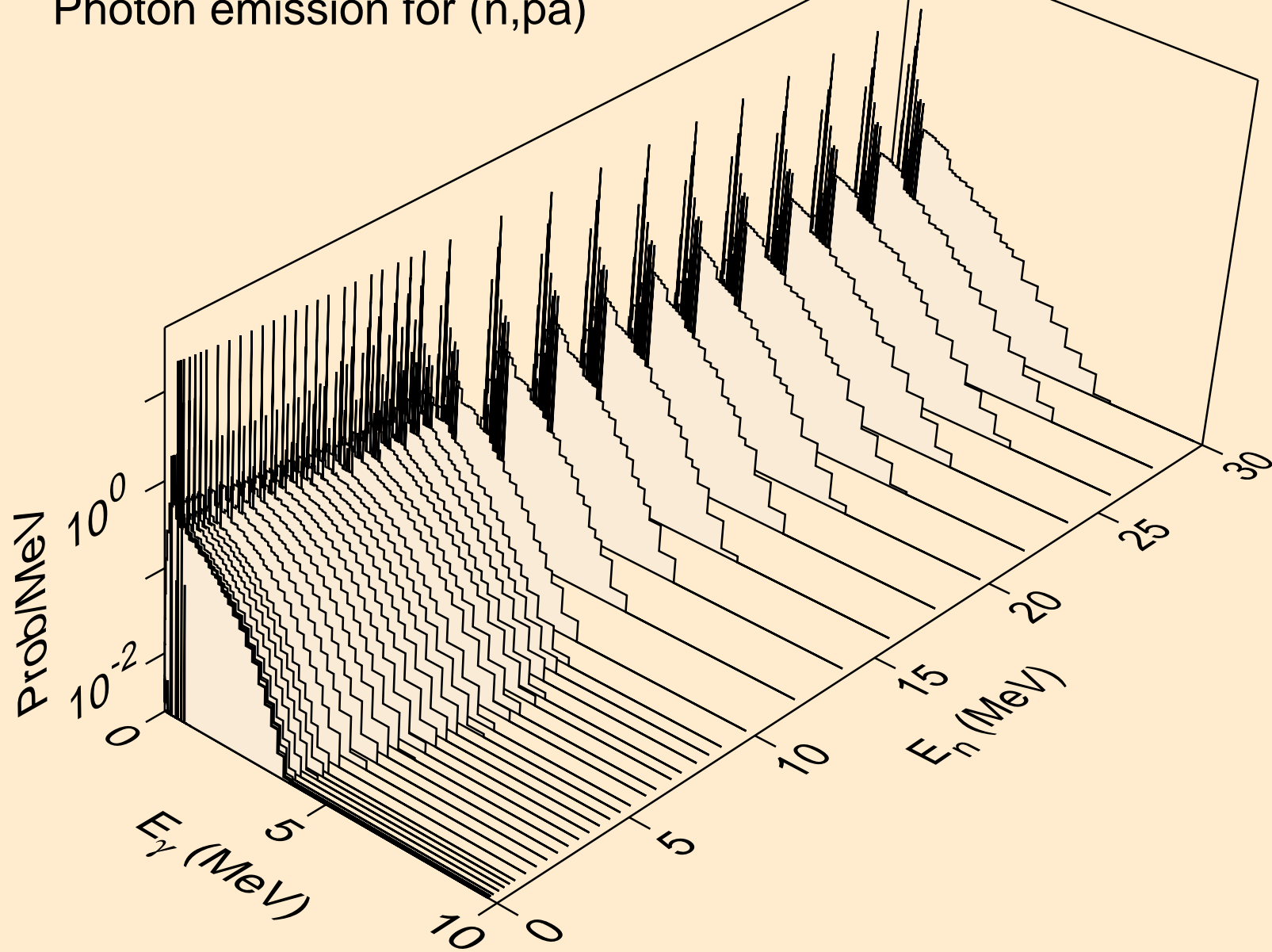
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



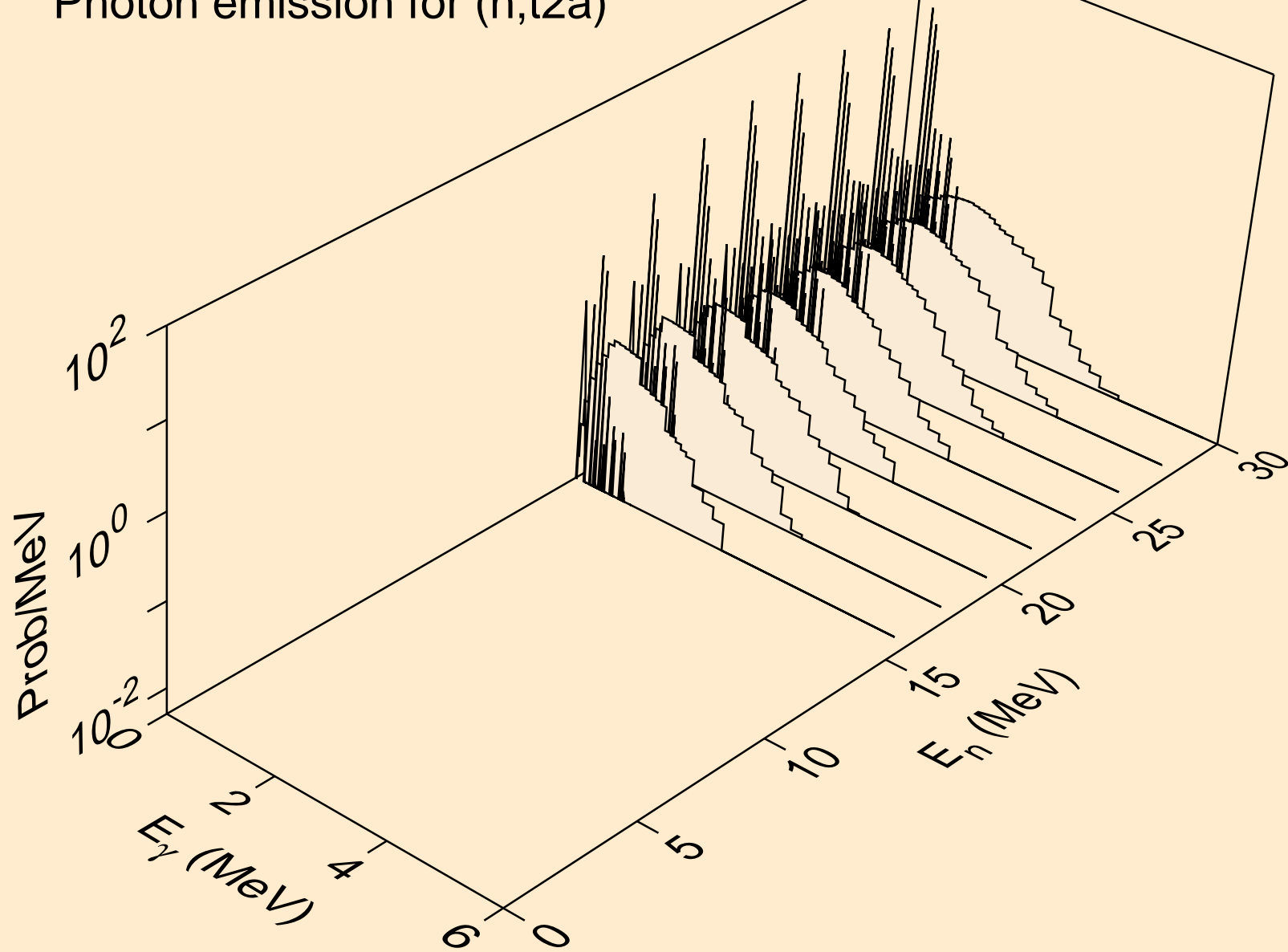
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



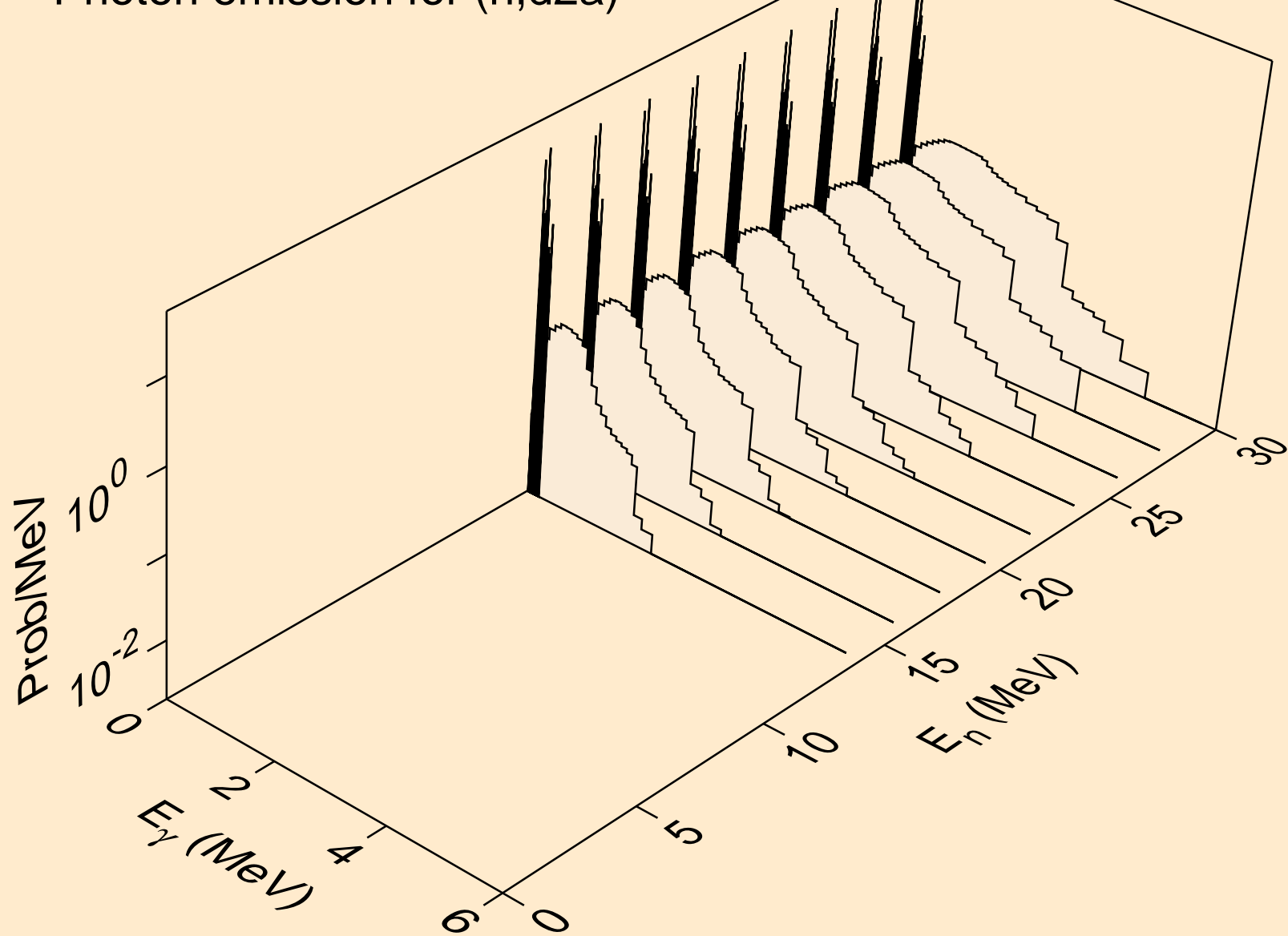
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



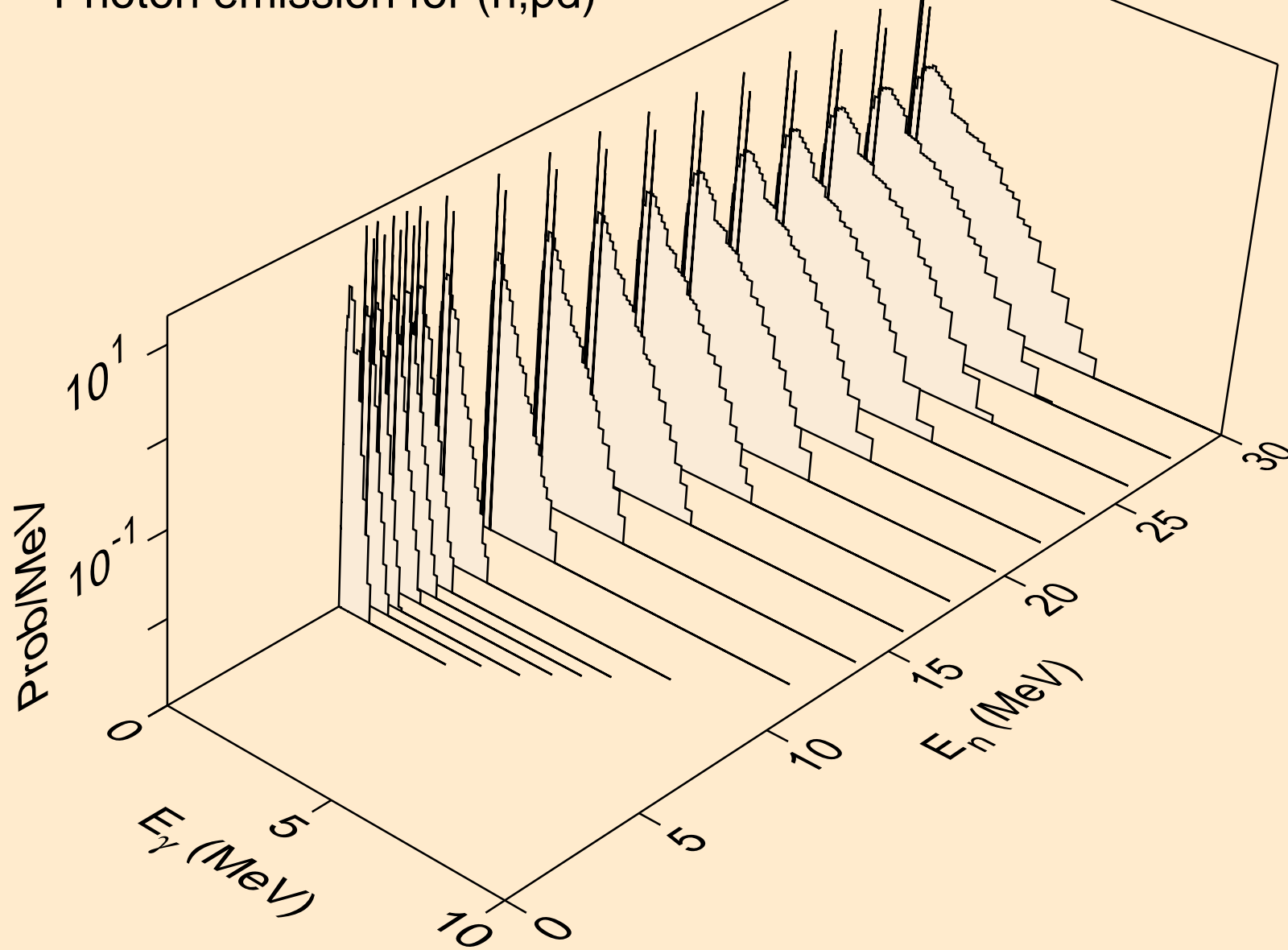
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t2a)



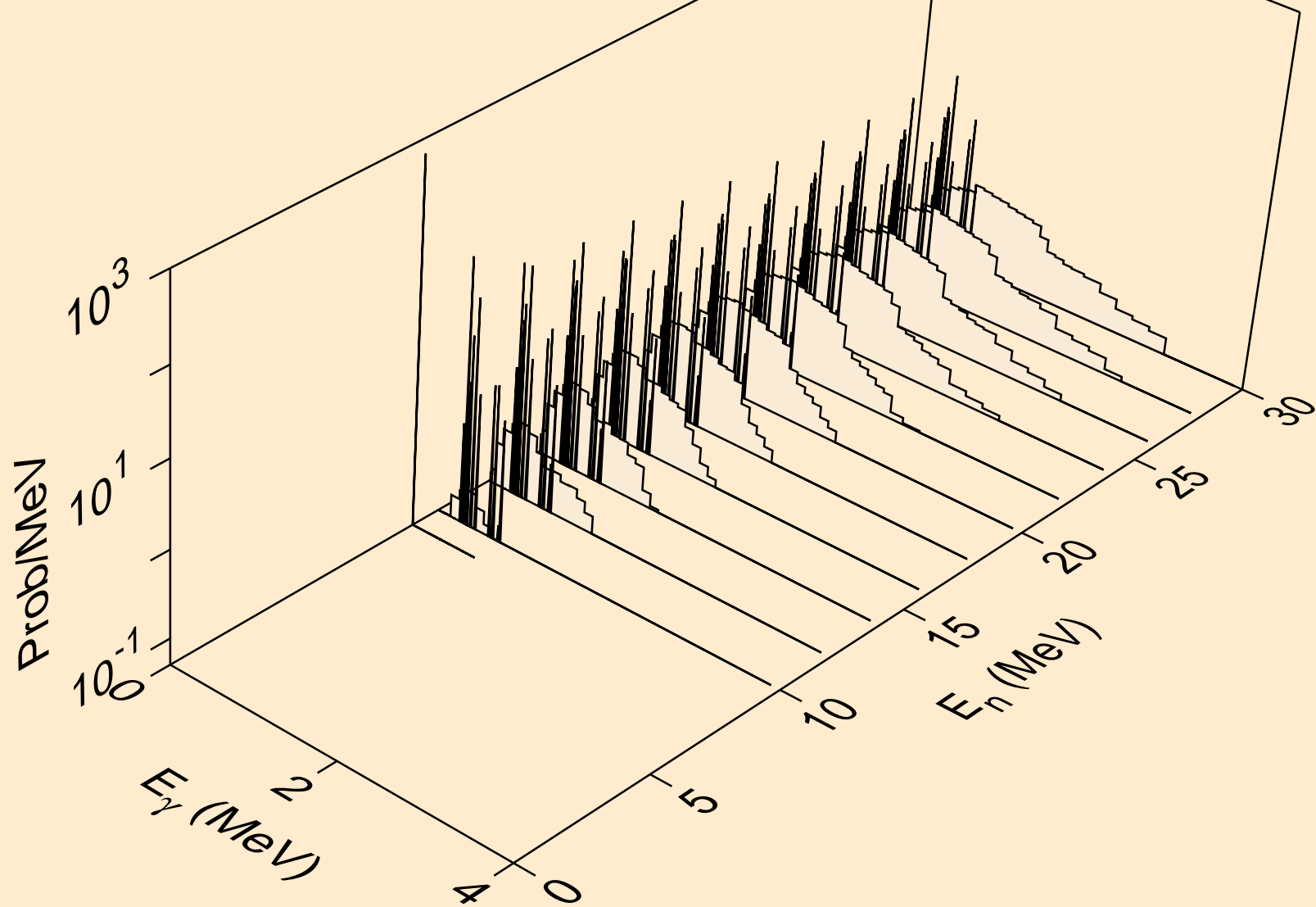
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

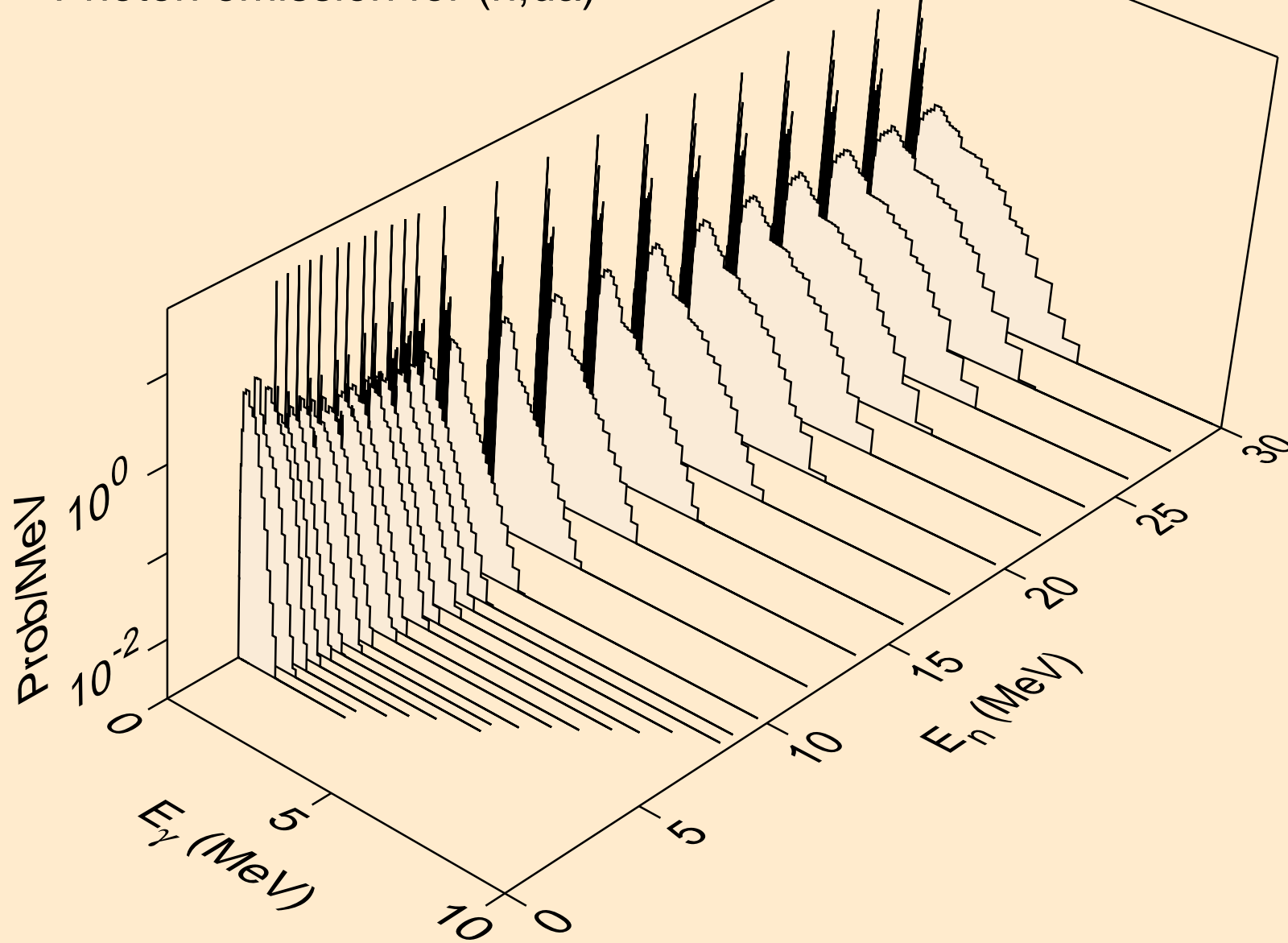


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

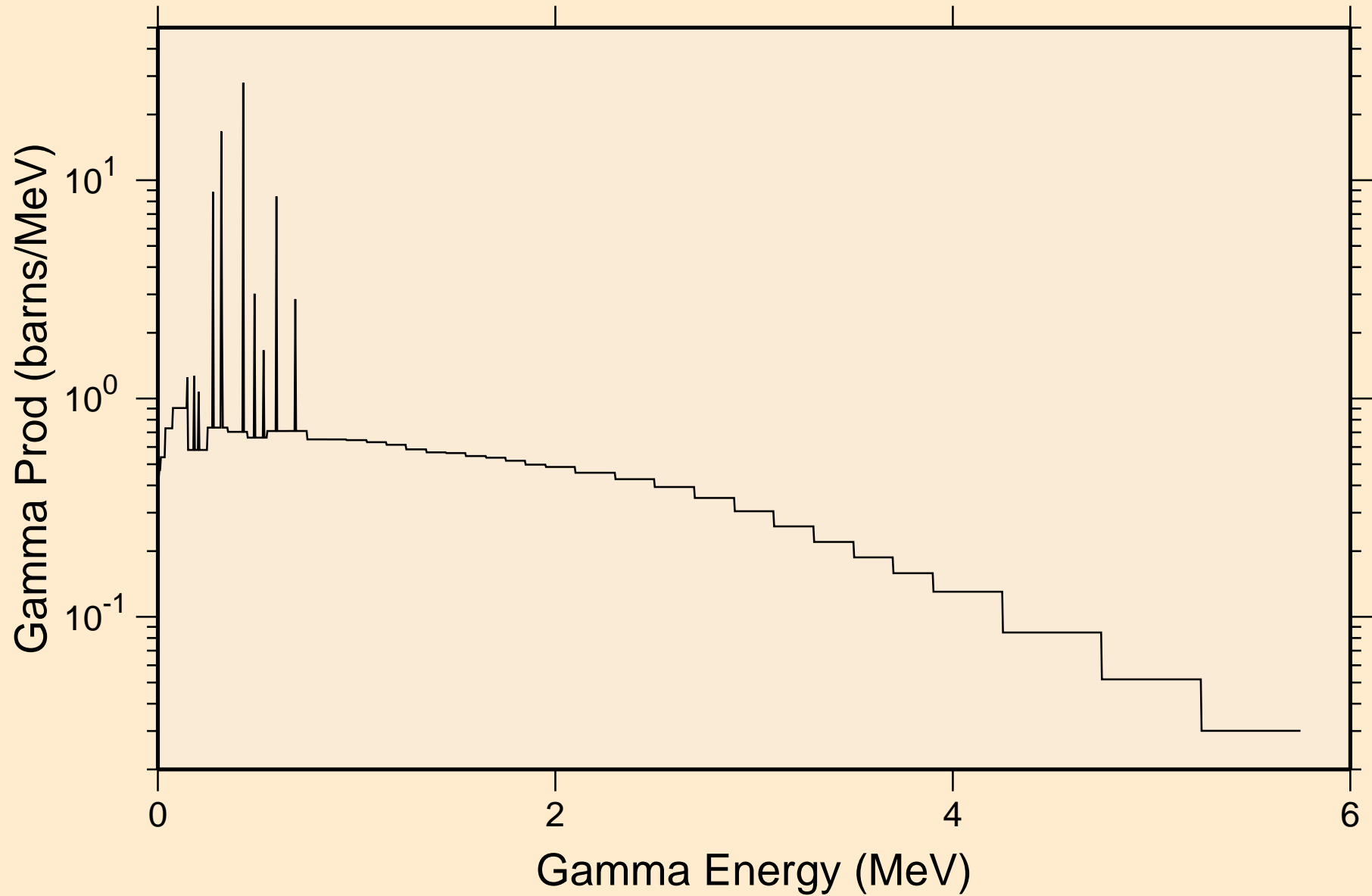




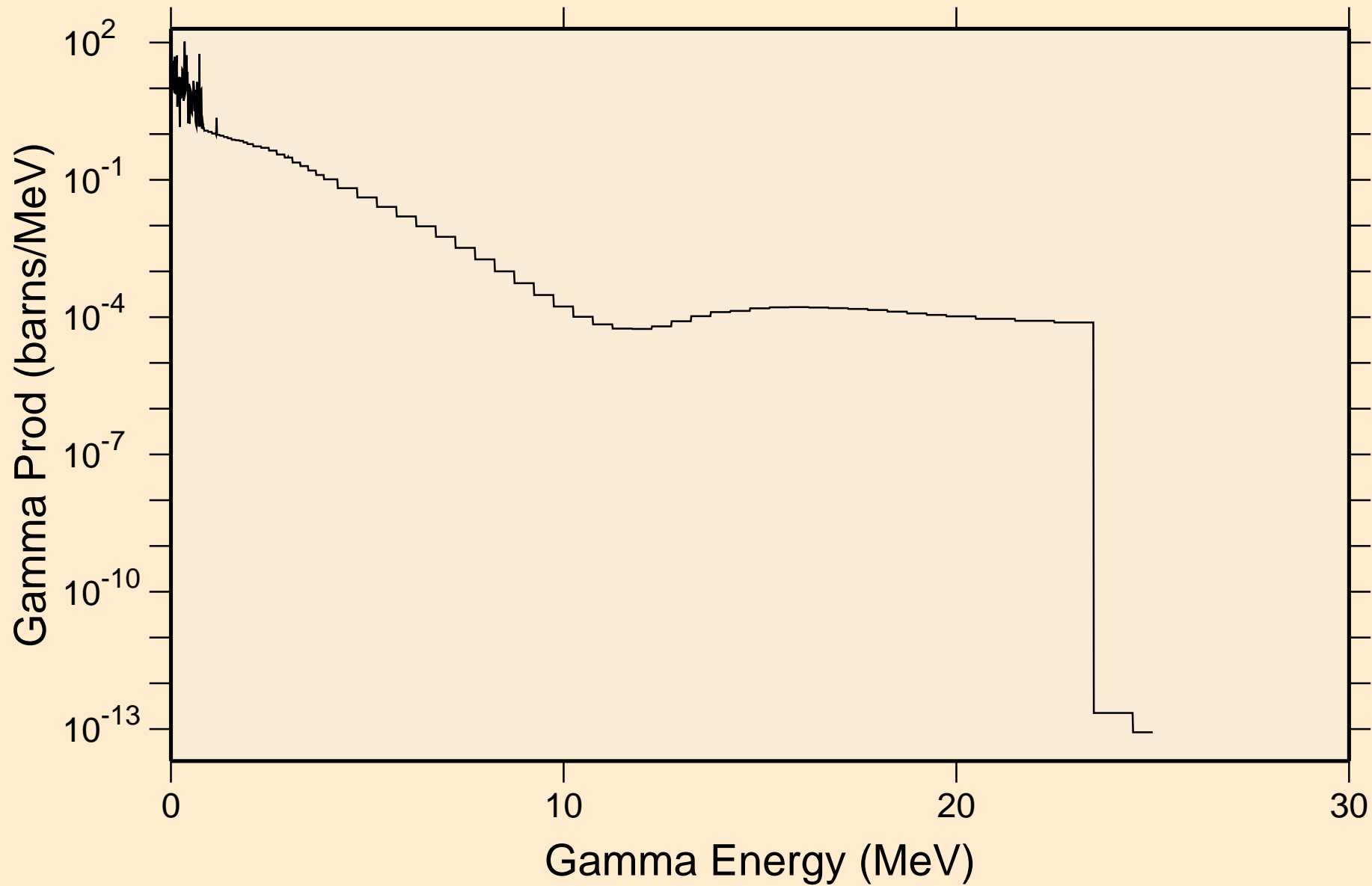
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



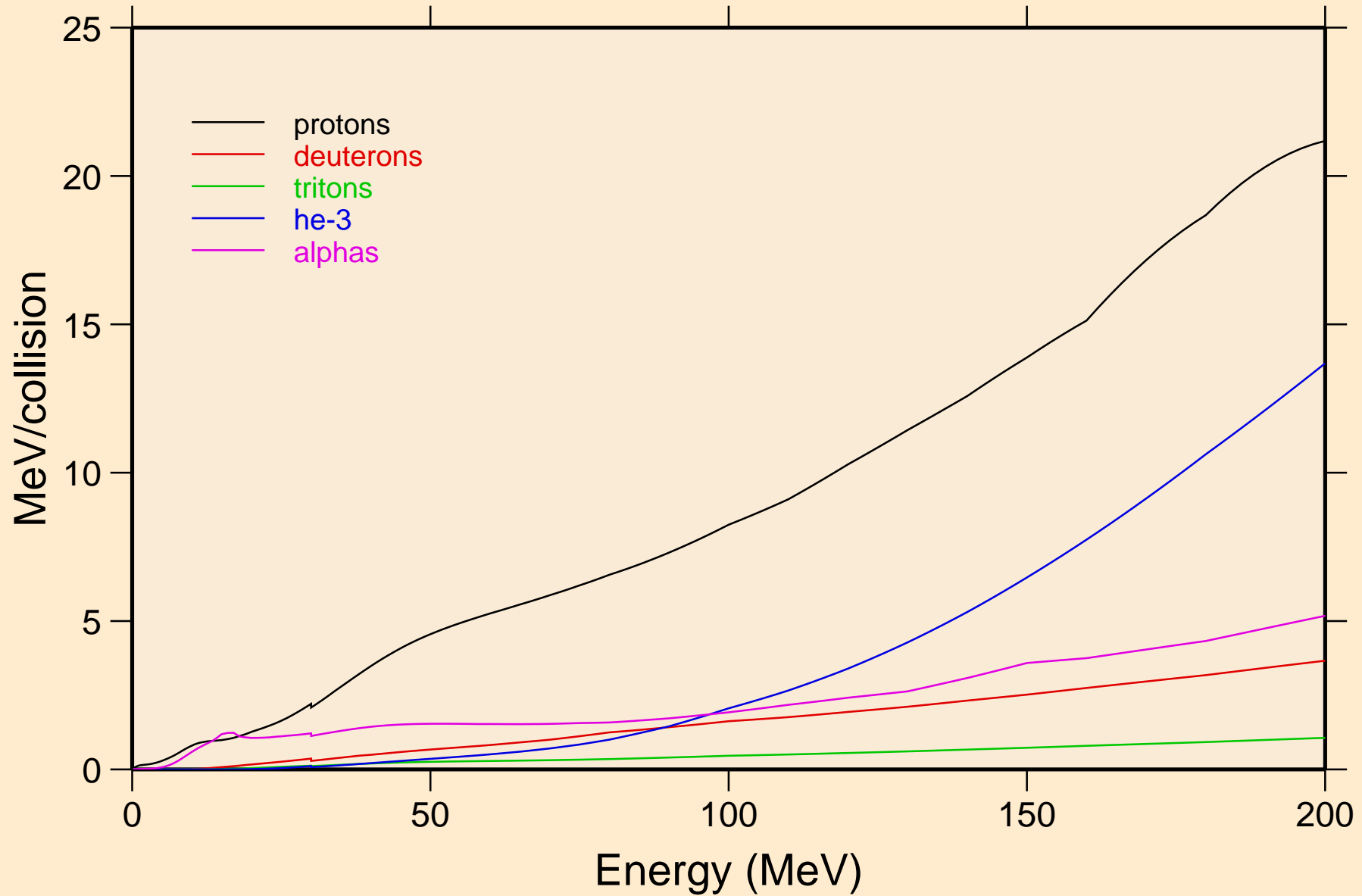
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



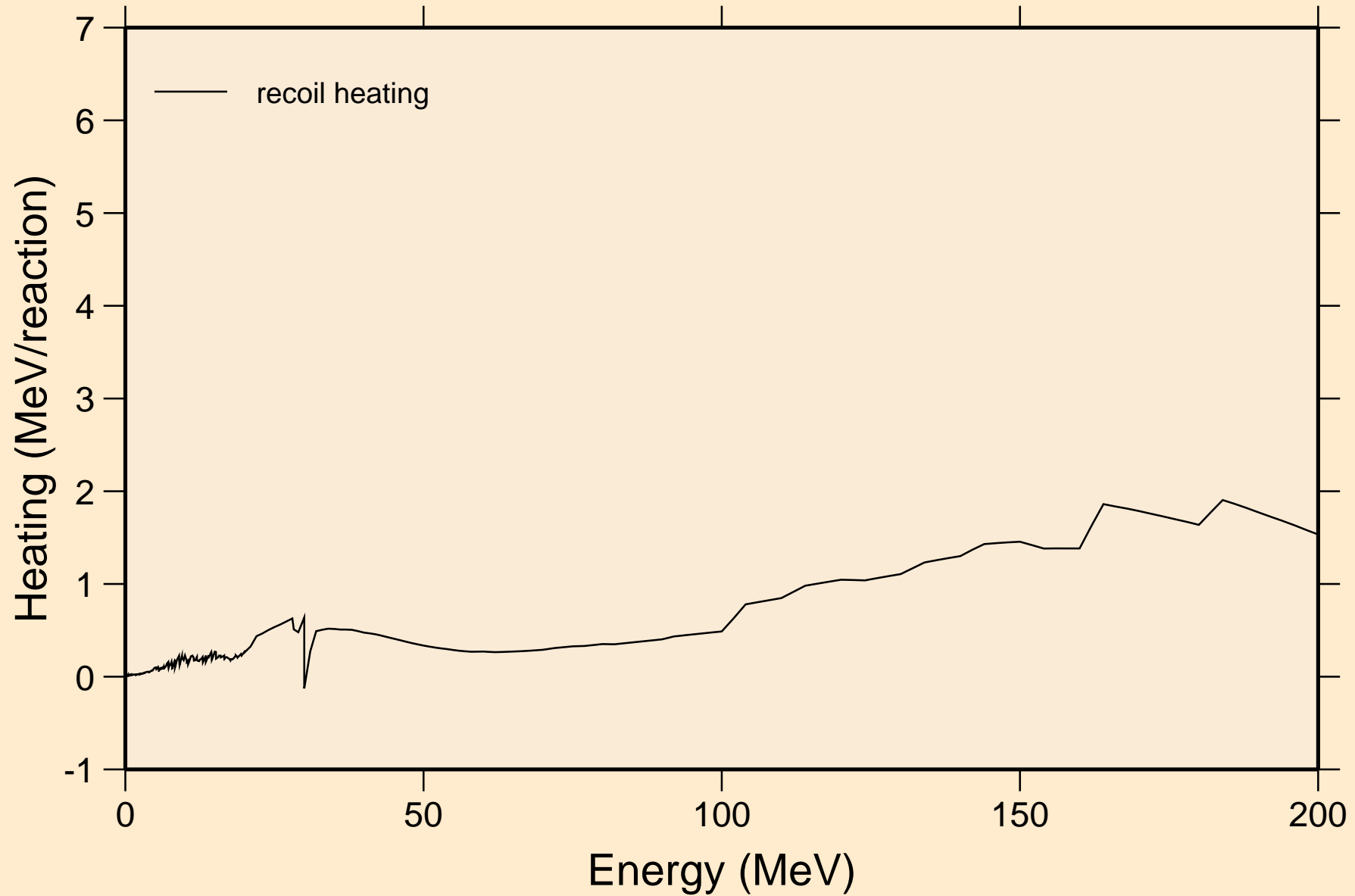
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



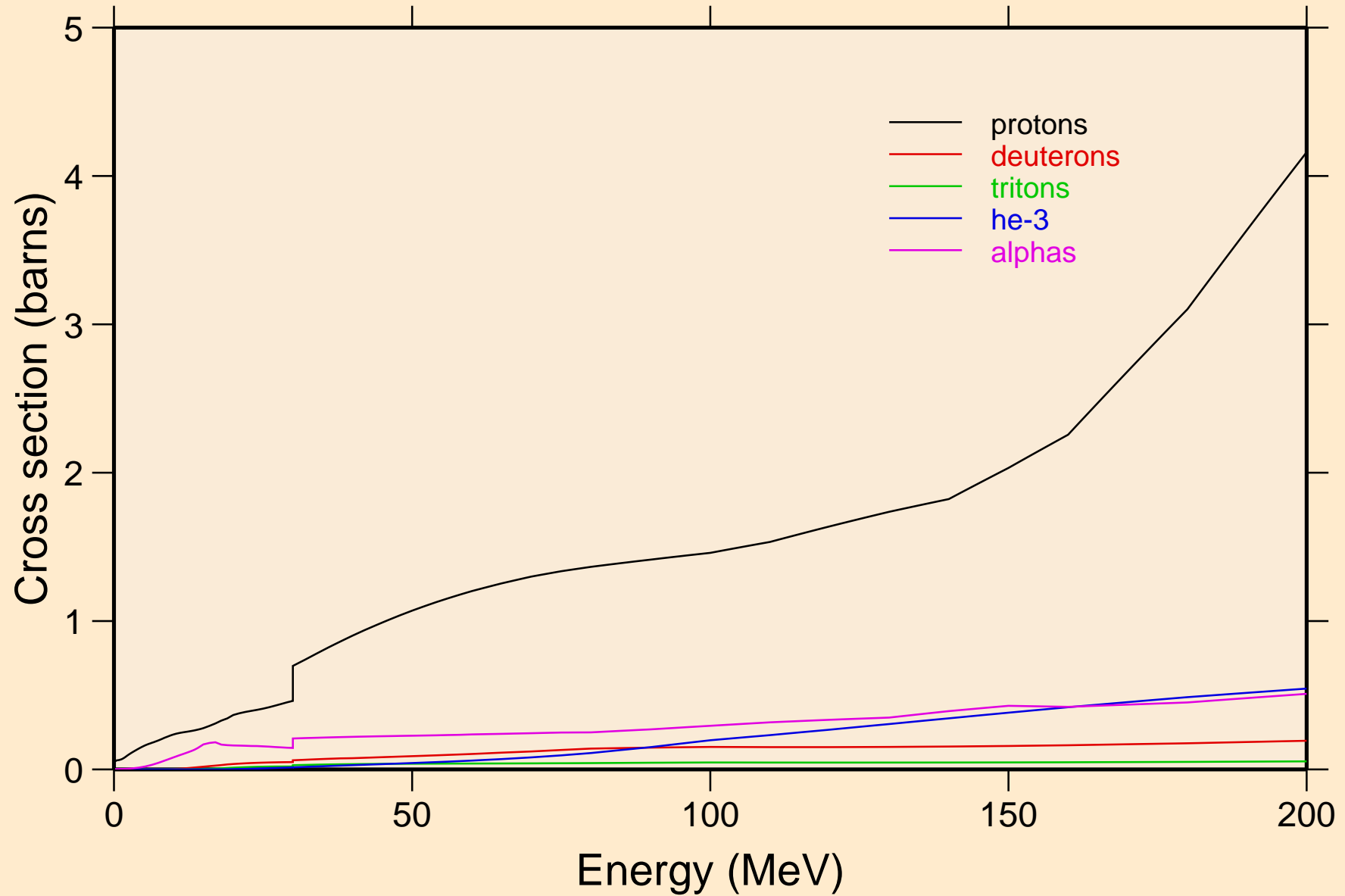
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



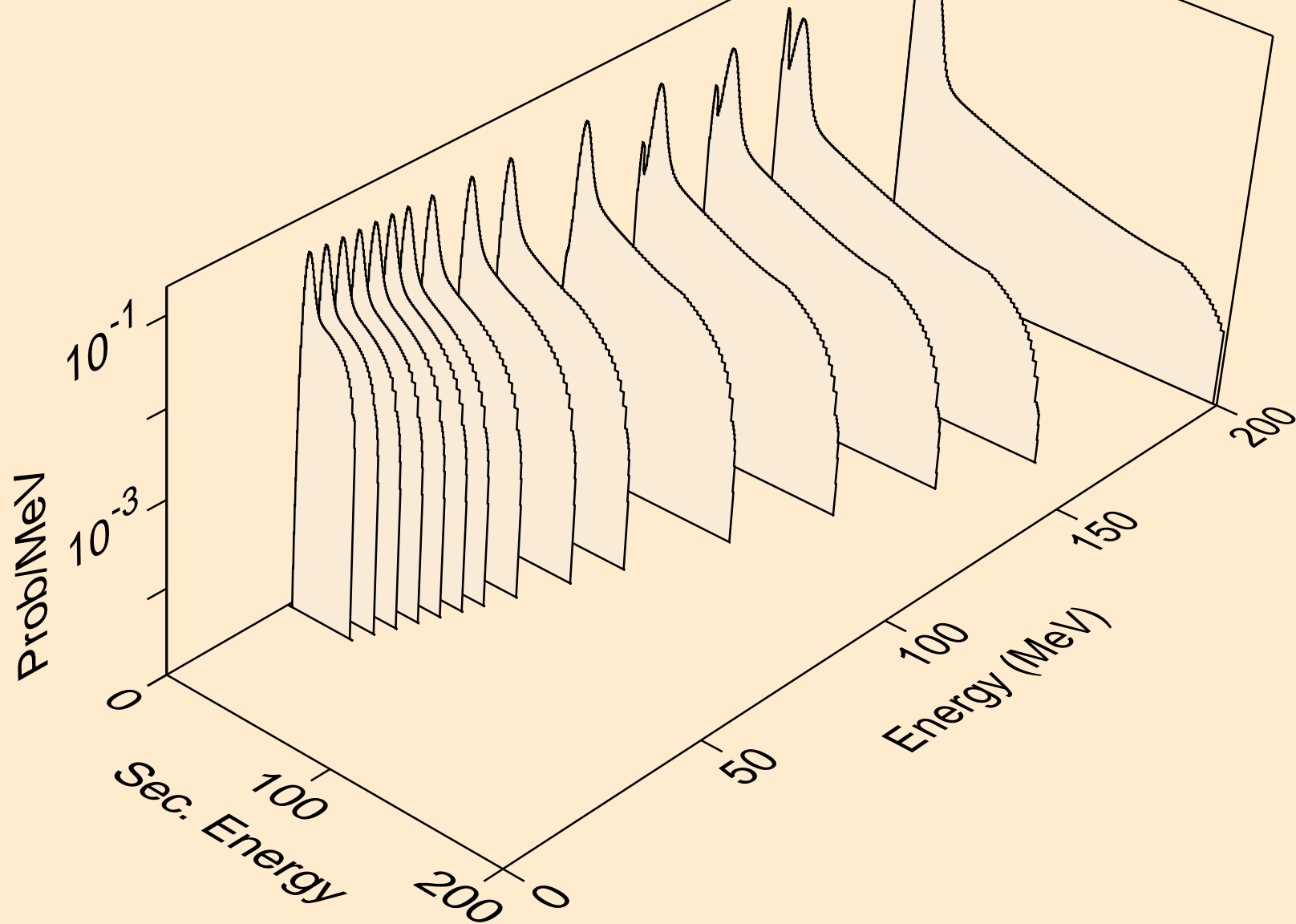
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



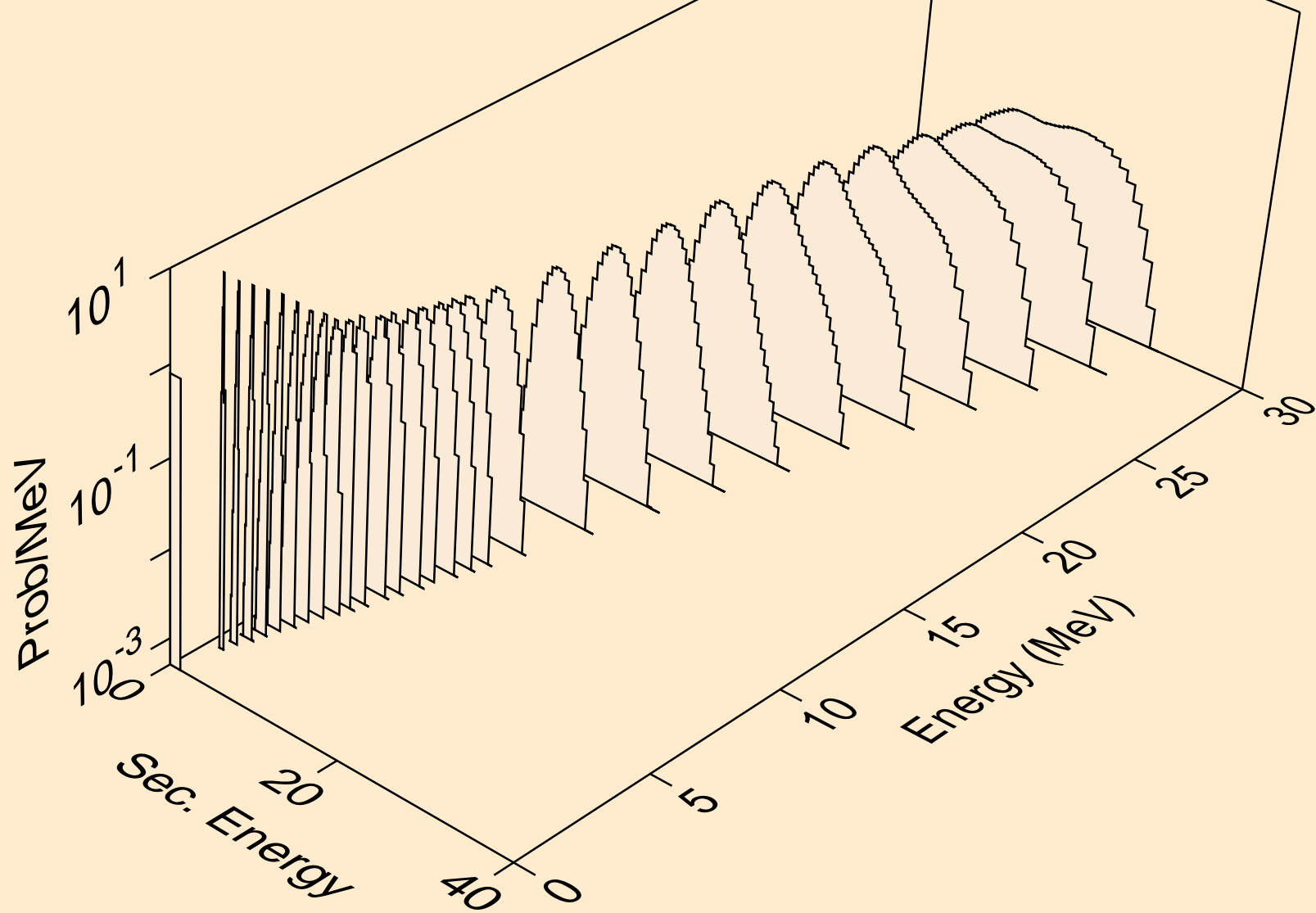
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

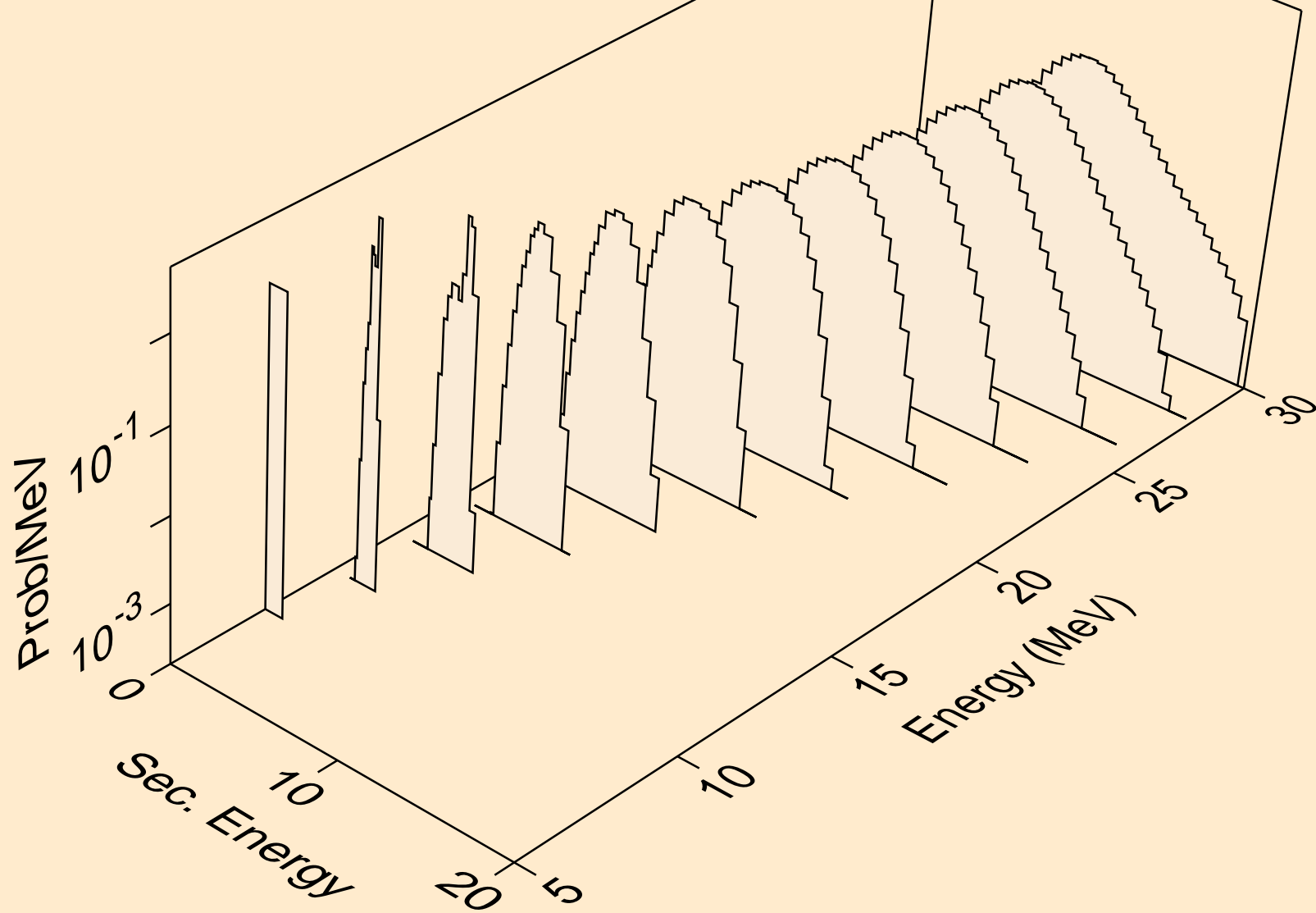


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

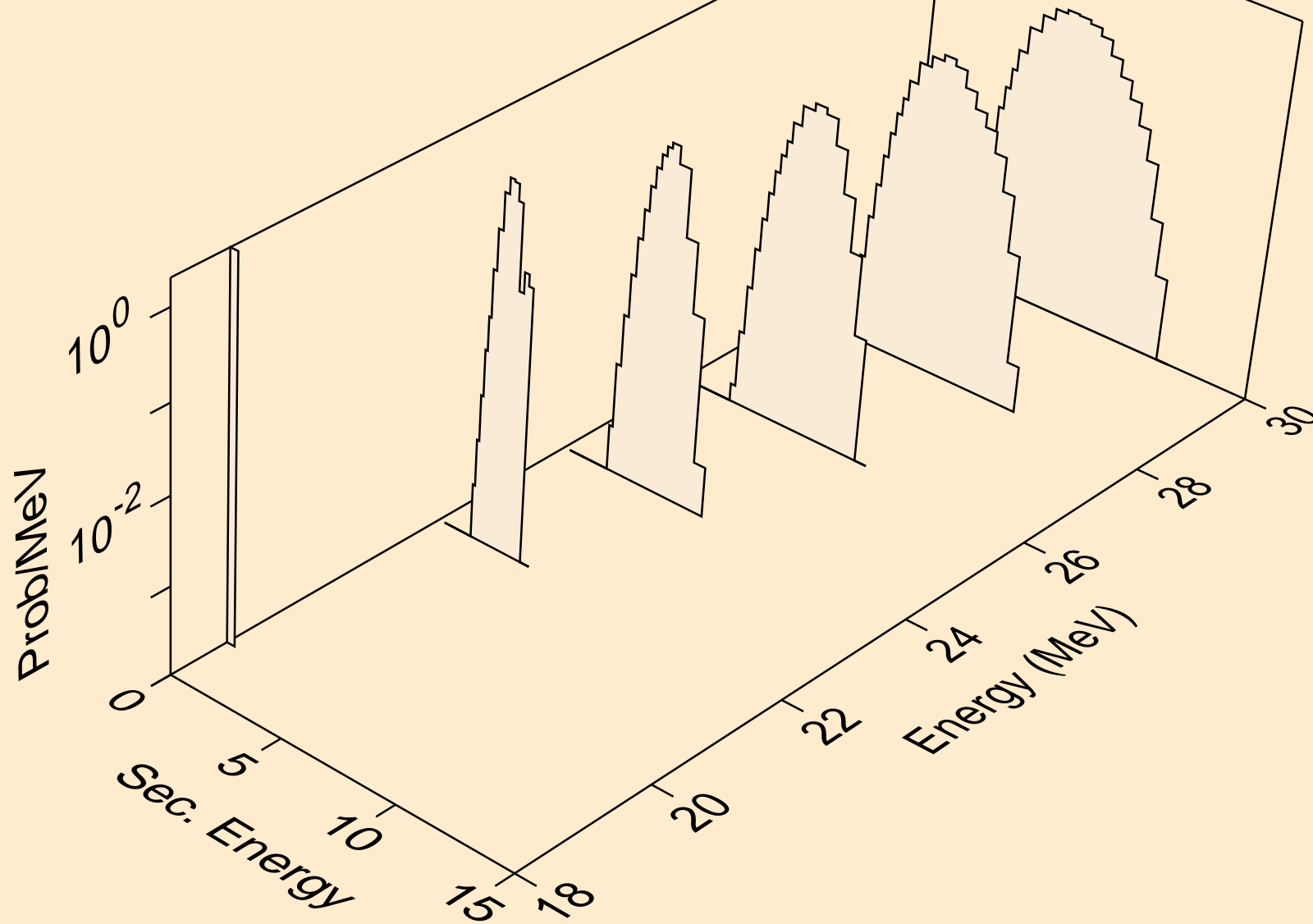




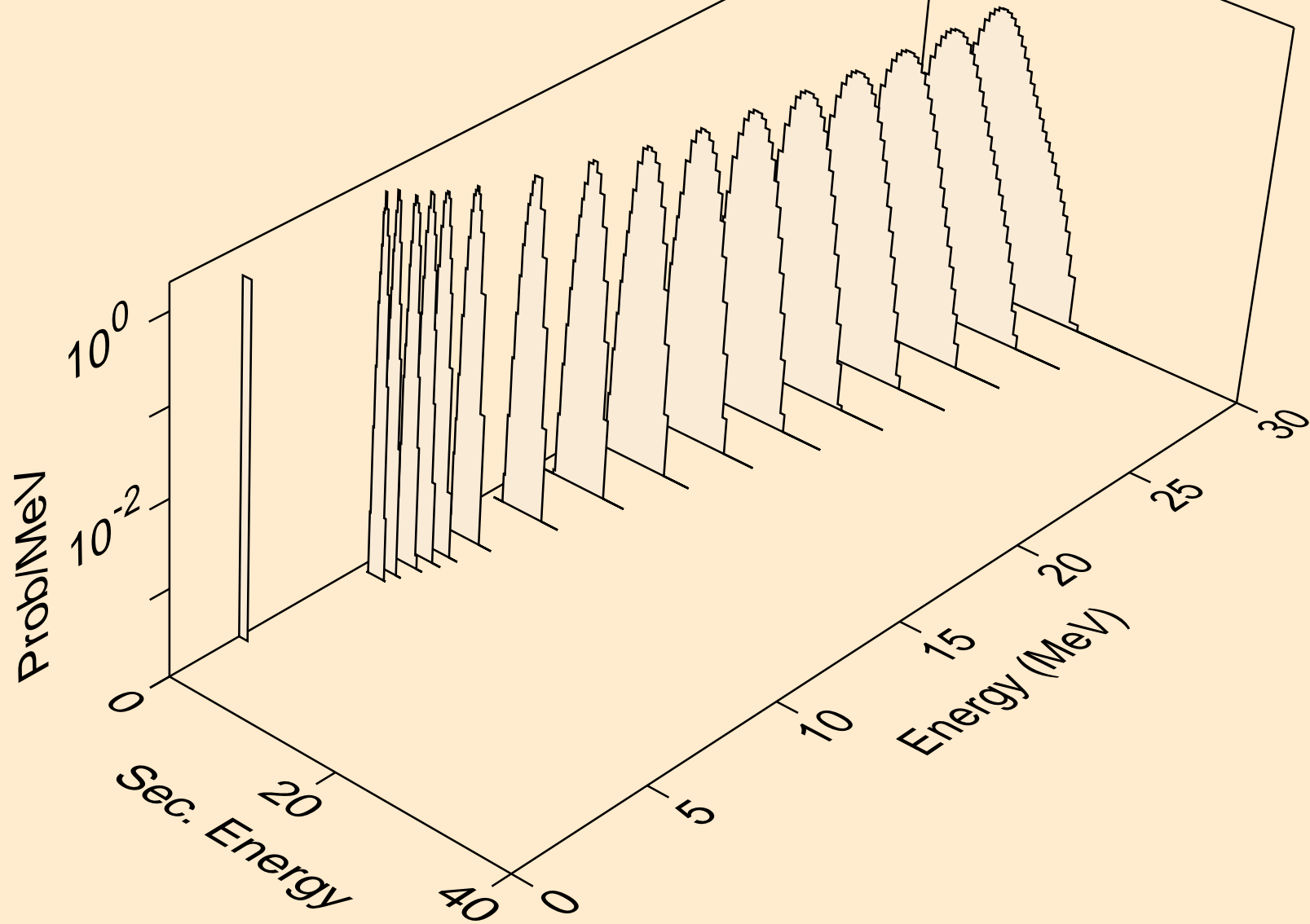
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



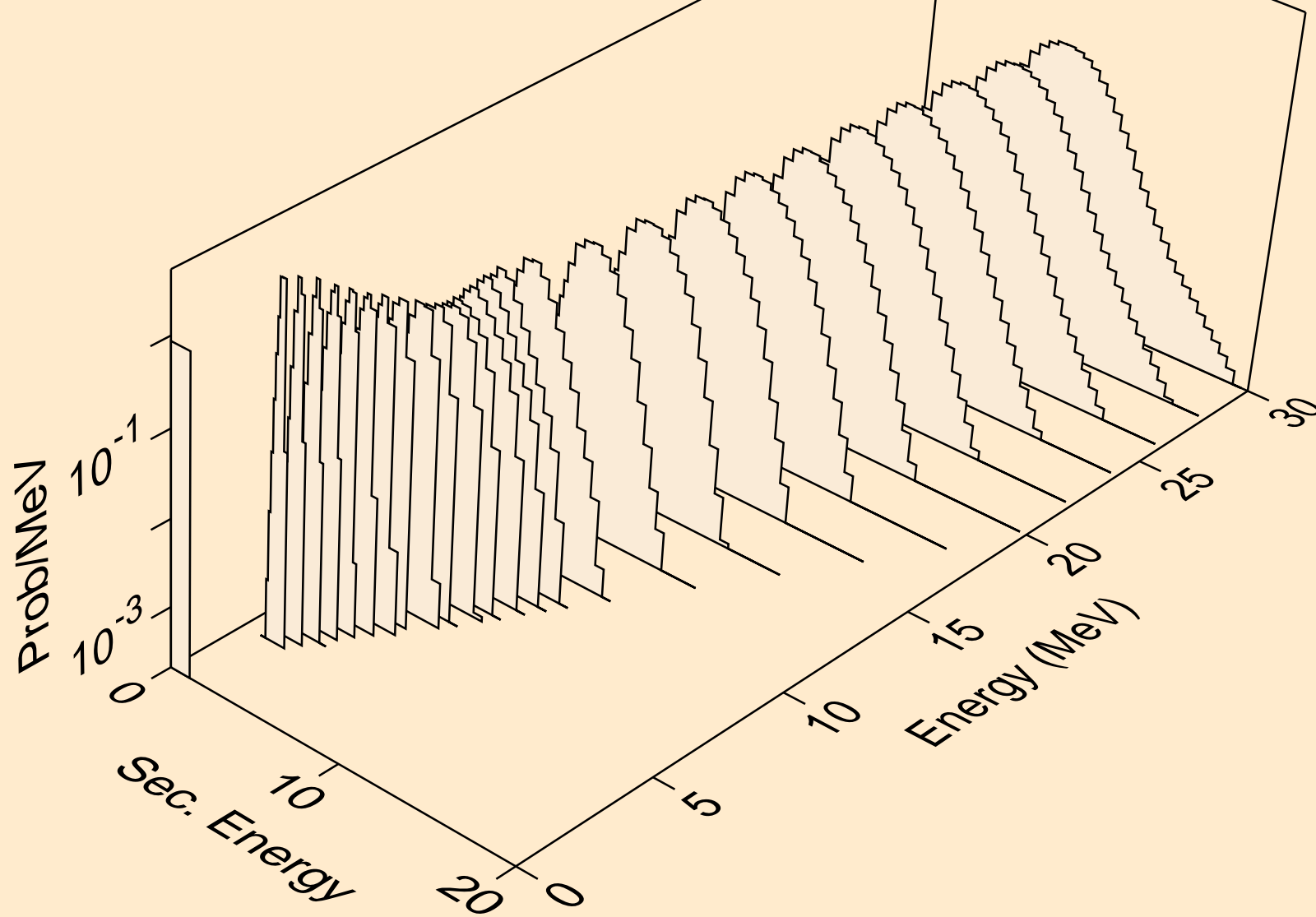
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protons from (n,3np)



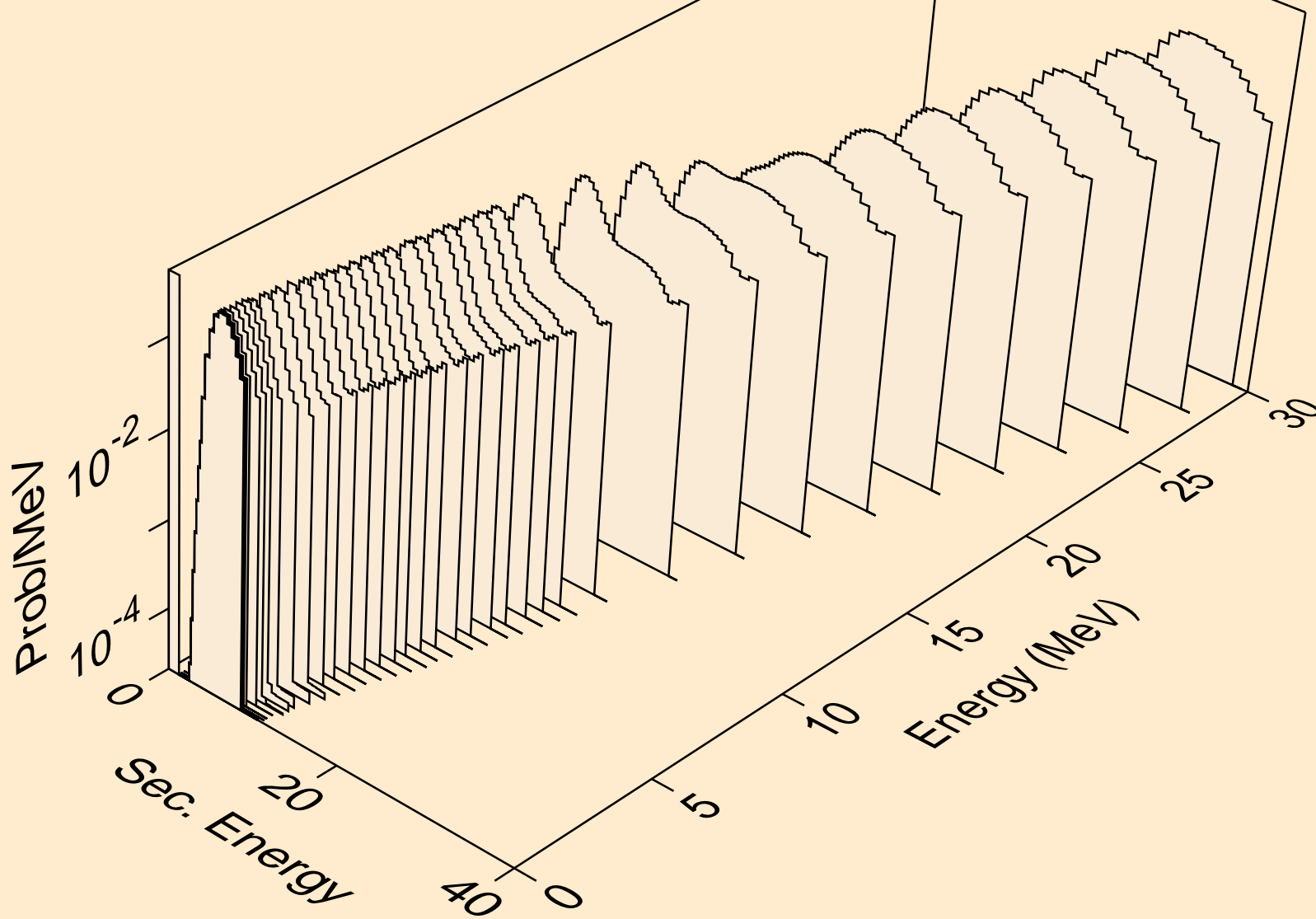
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protons from (n,2np)



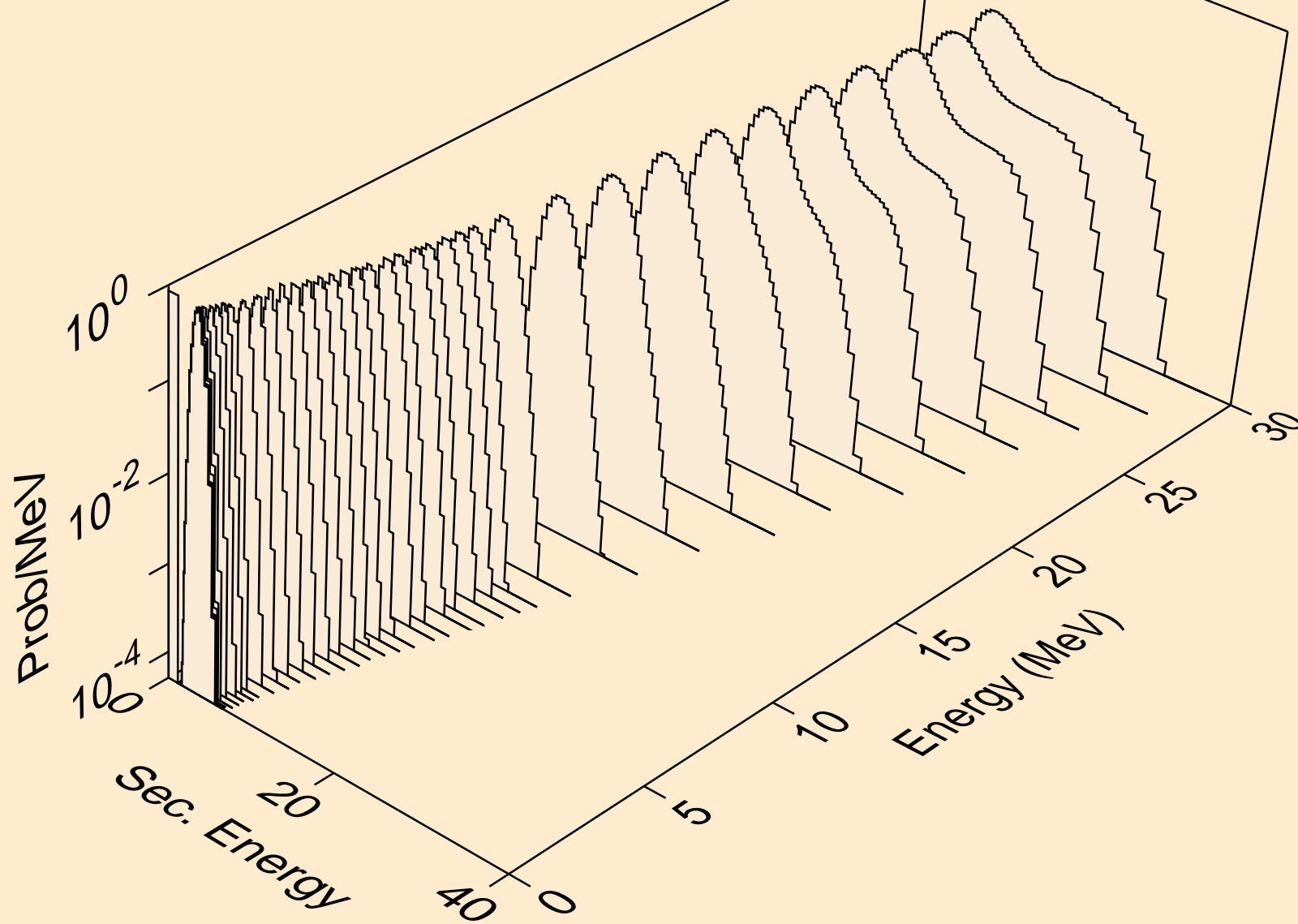
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protons from (n,npa)



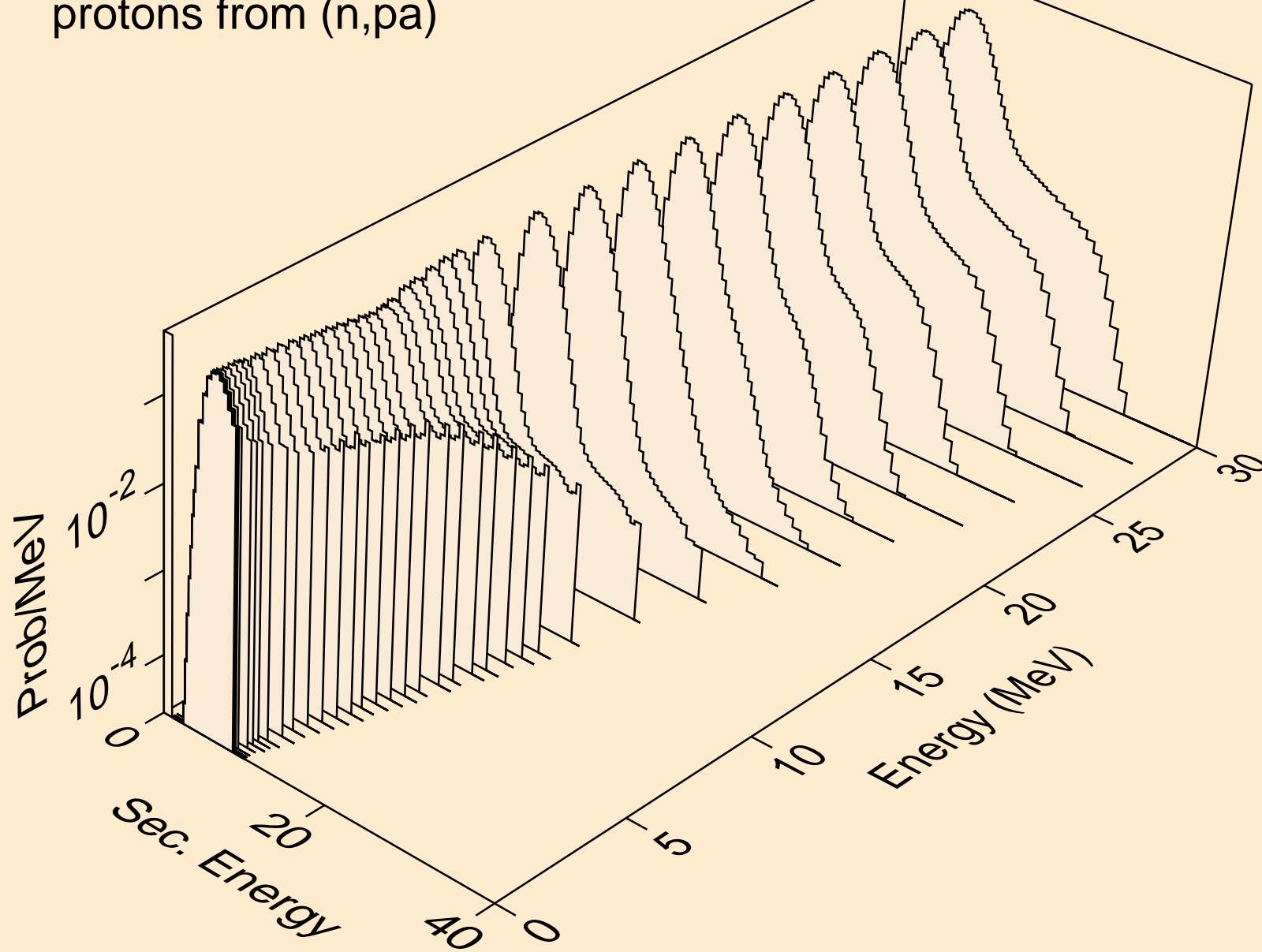
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protons from (n,p)



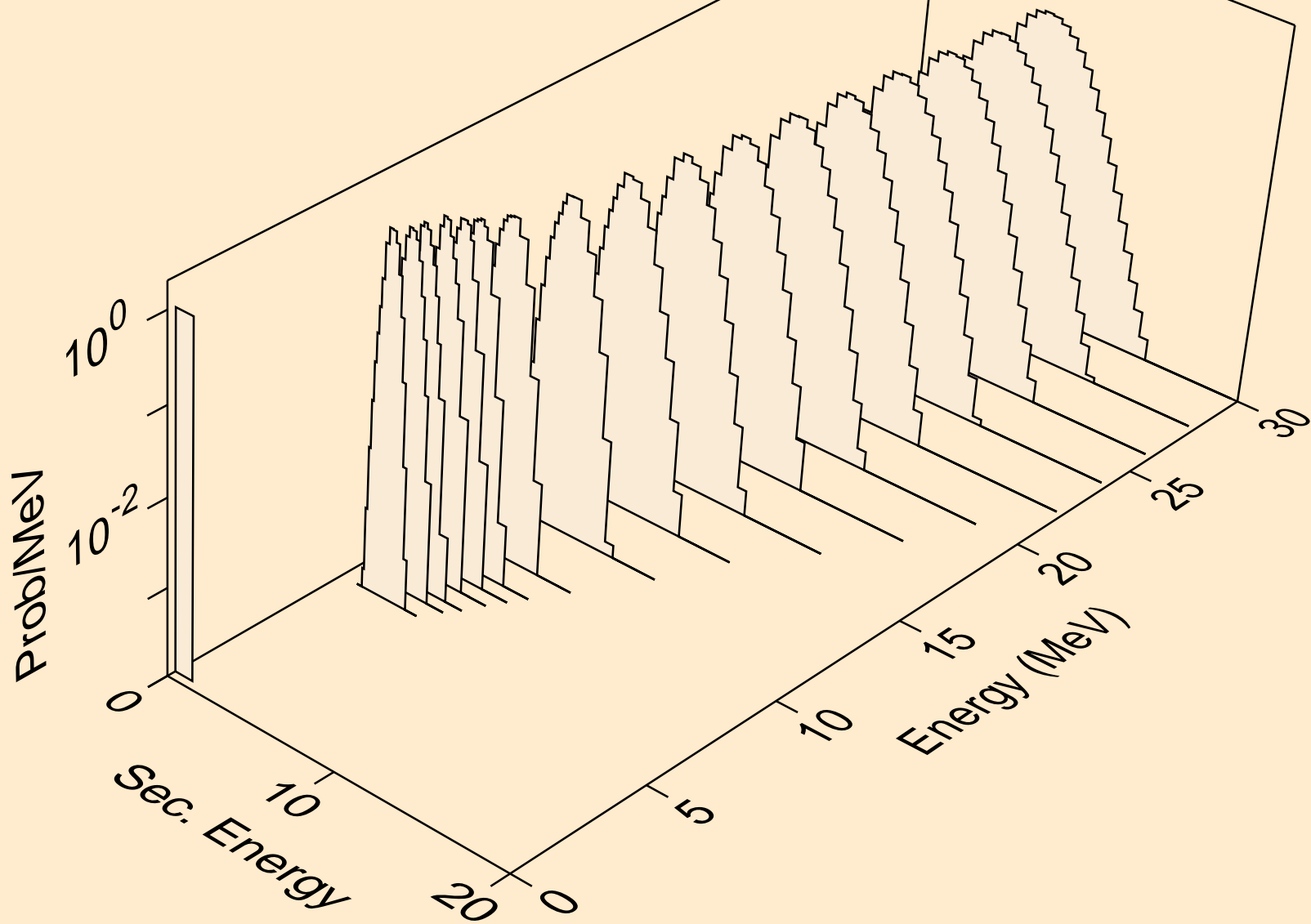
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protons from (n,2p)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

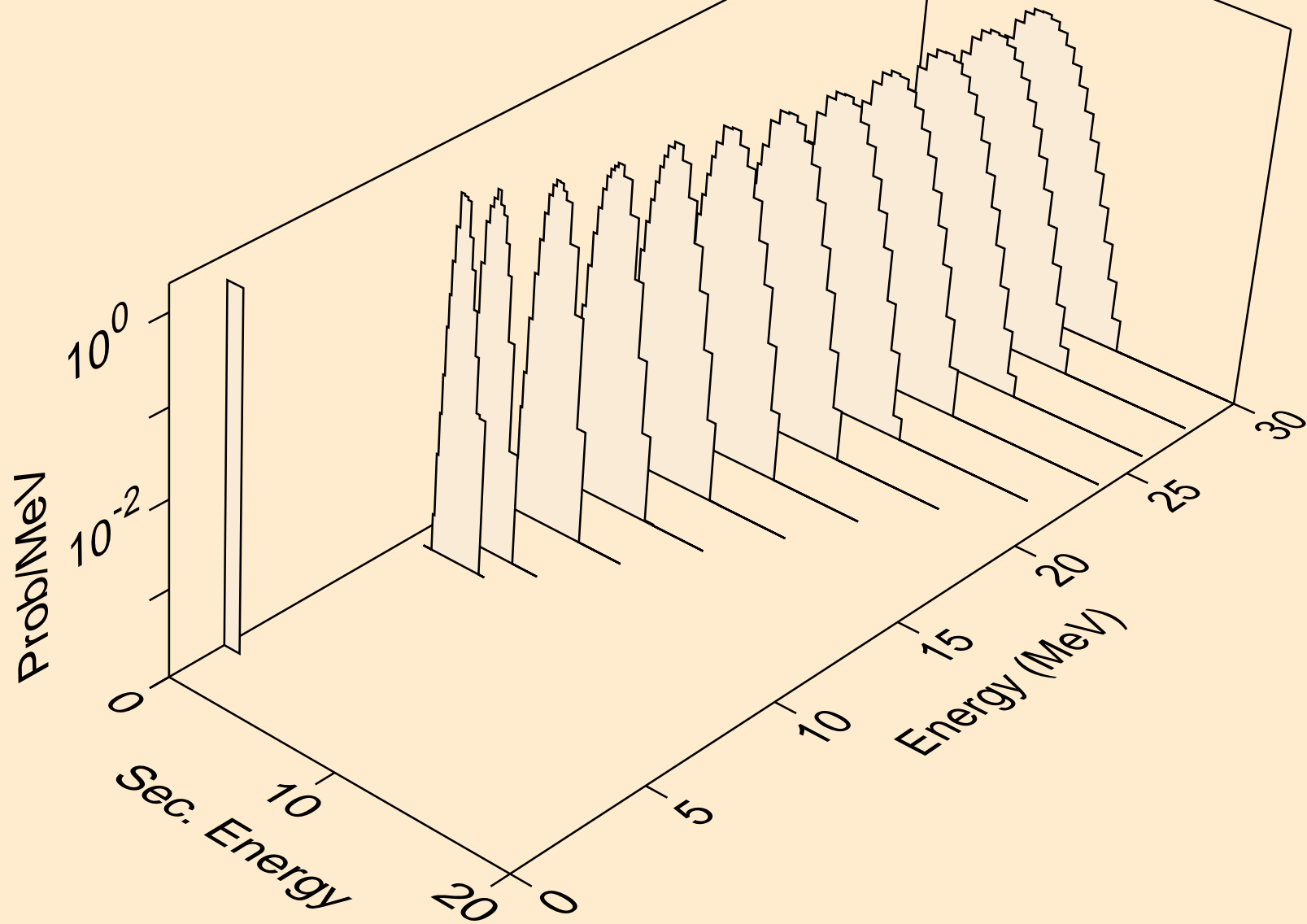


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protons from (n,pd)

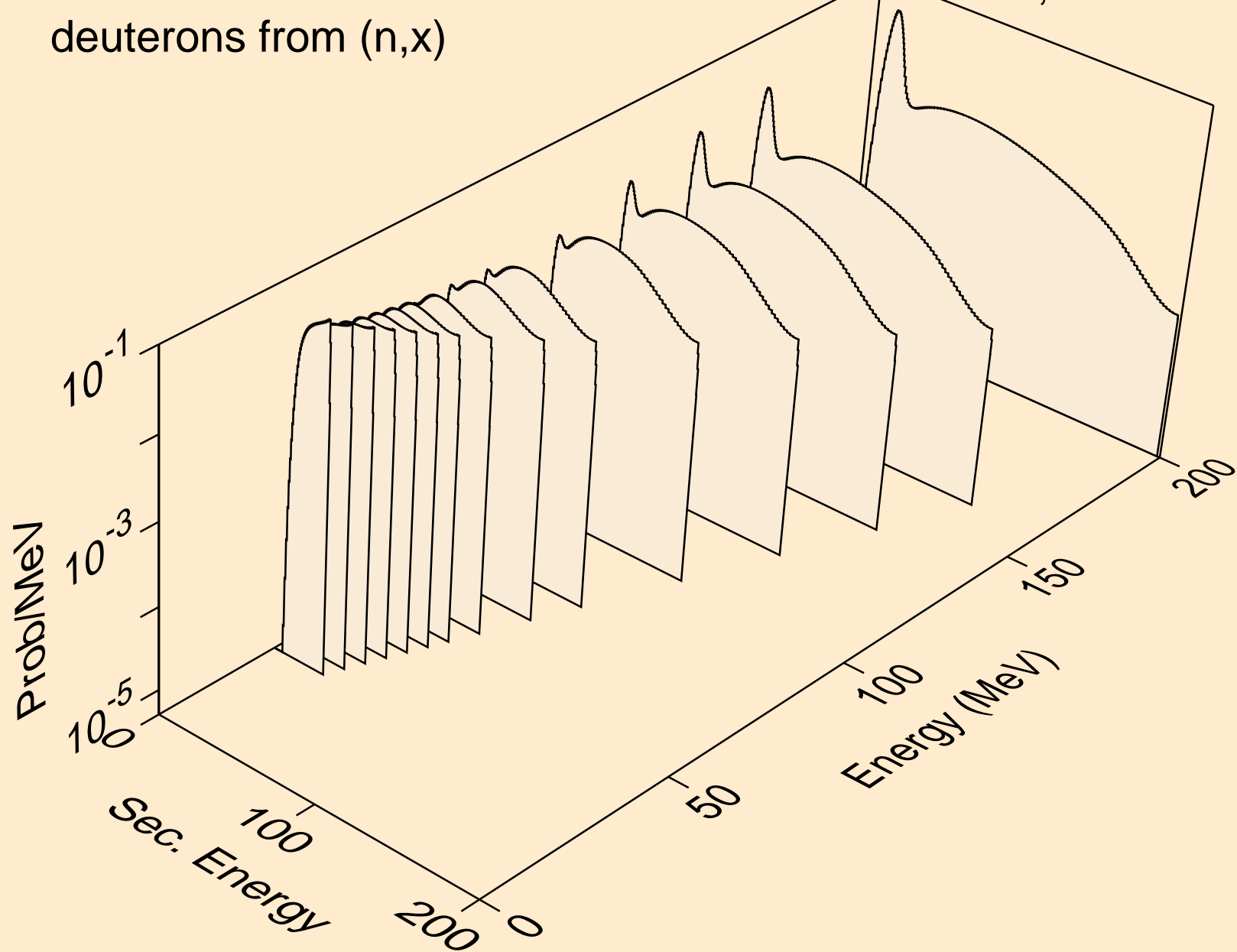




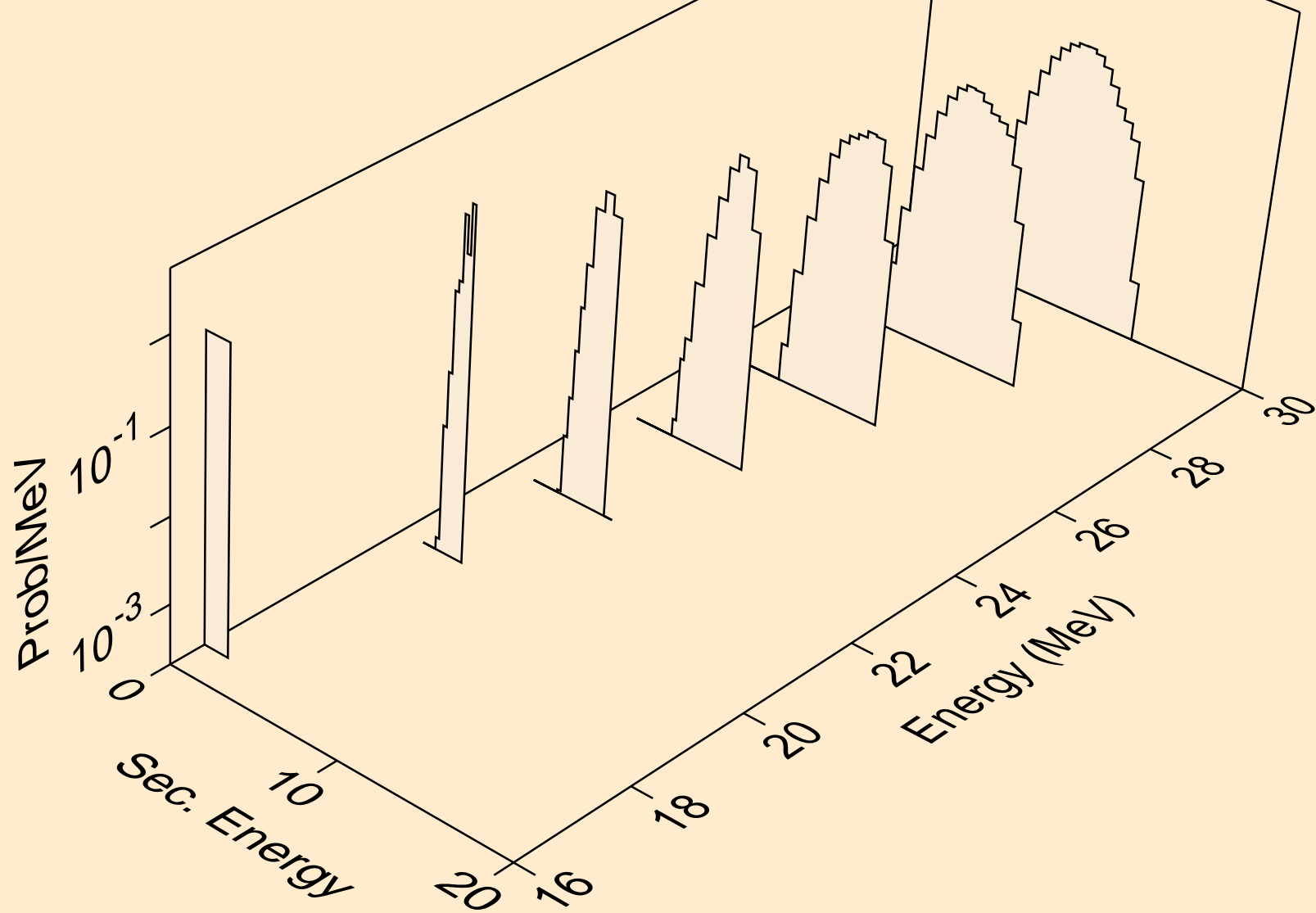
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protons from (n,pt)



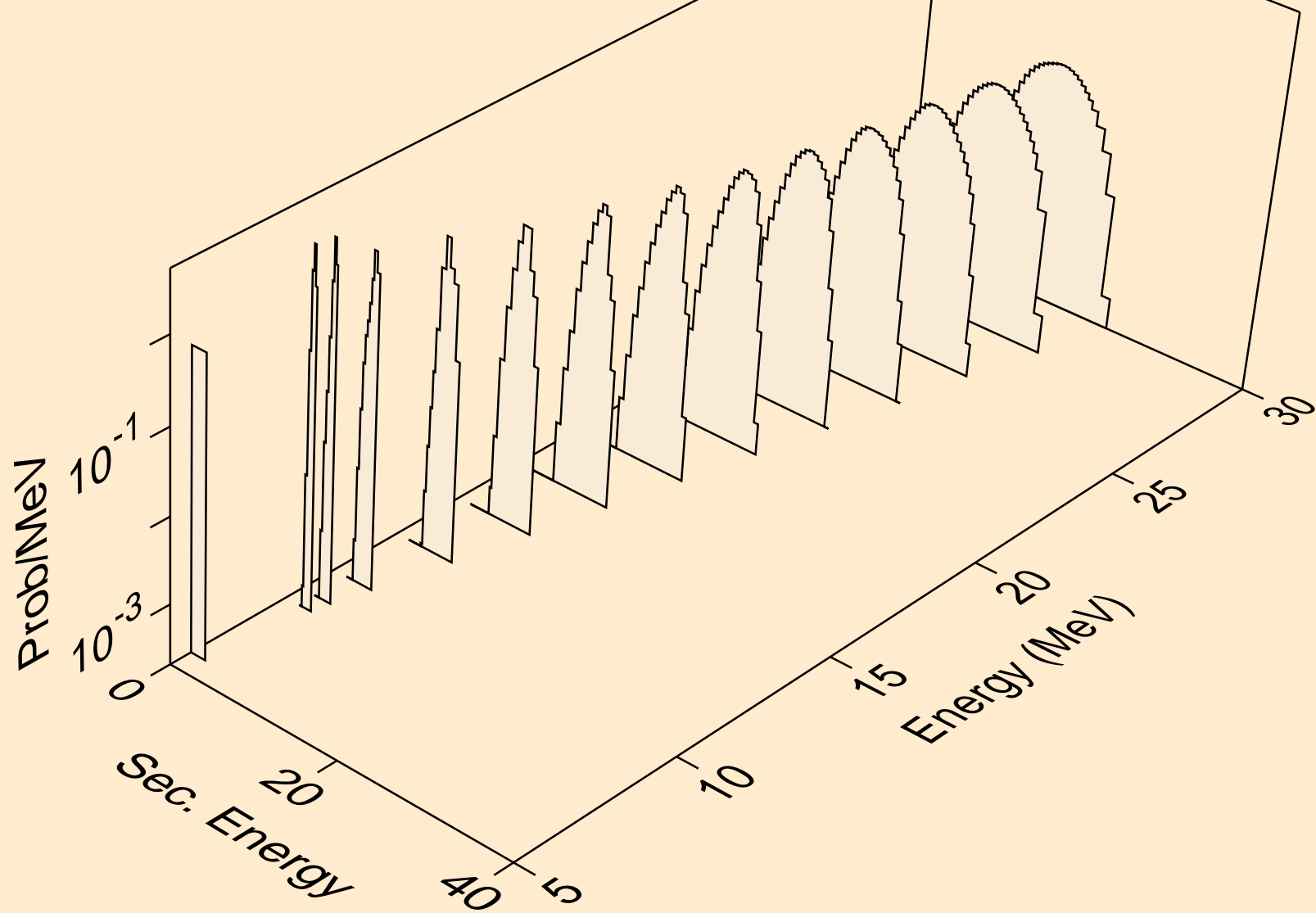
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



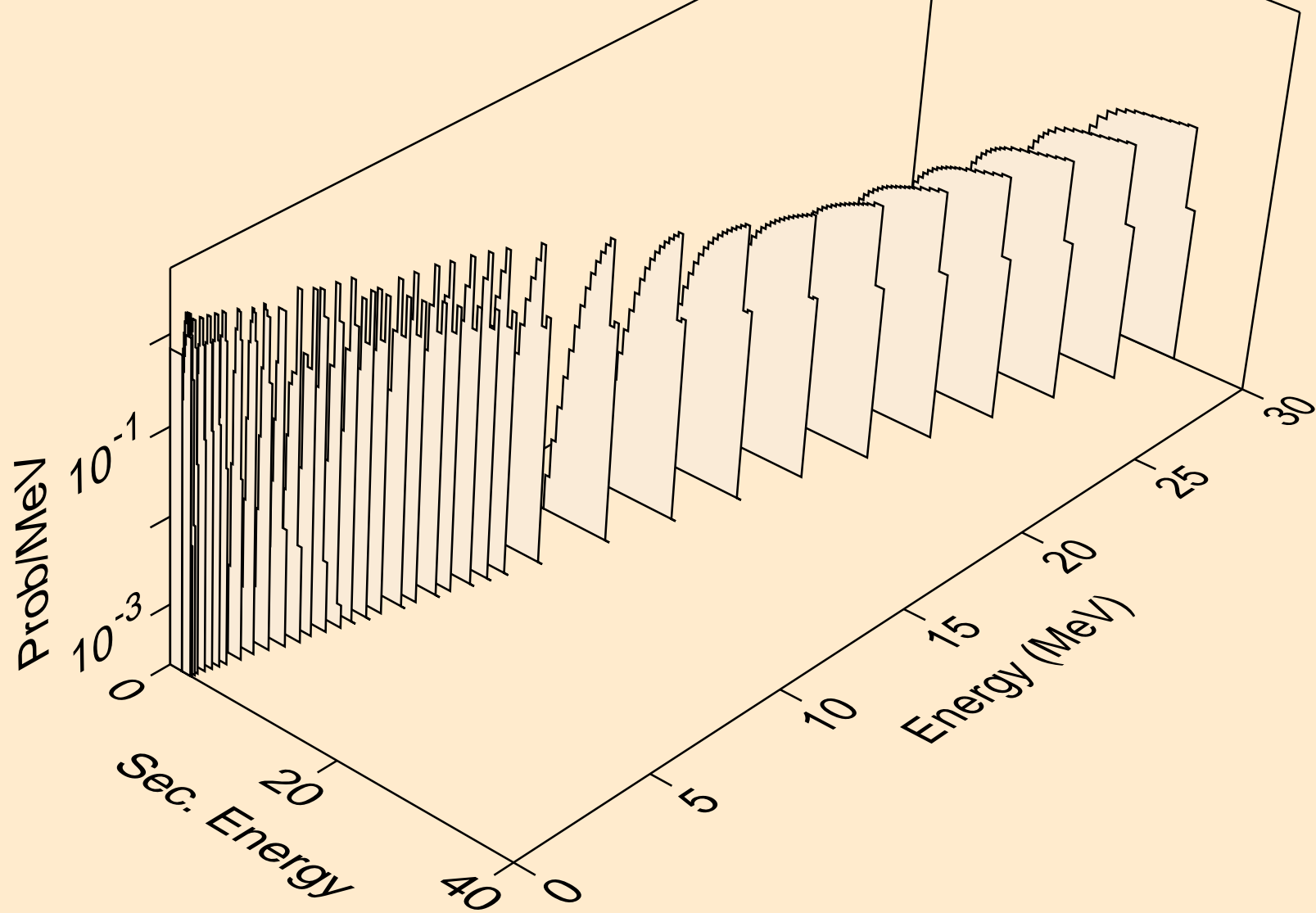
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deuterons from (n,2nd)



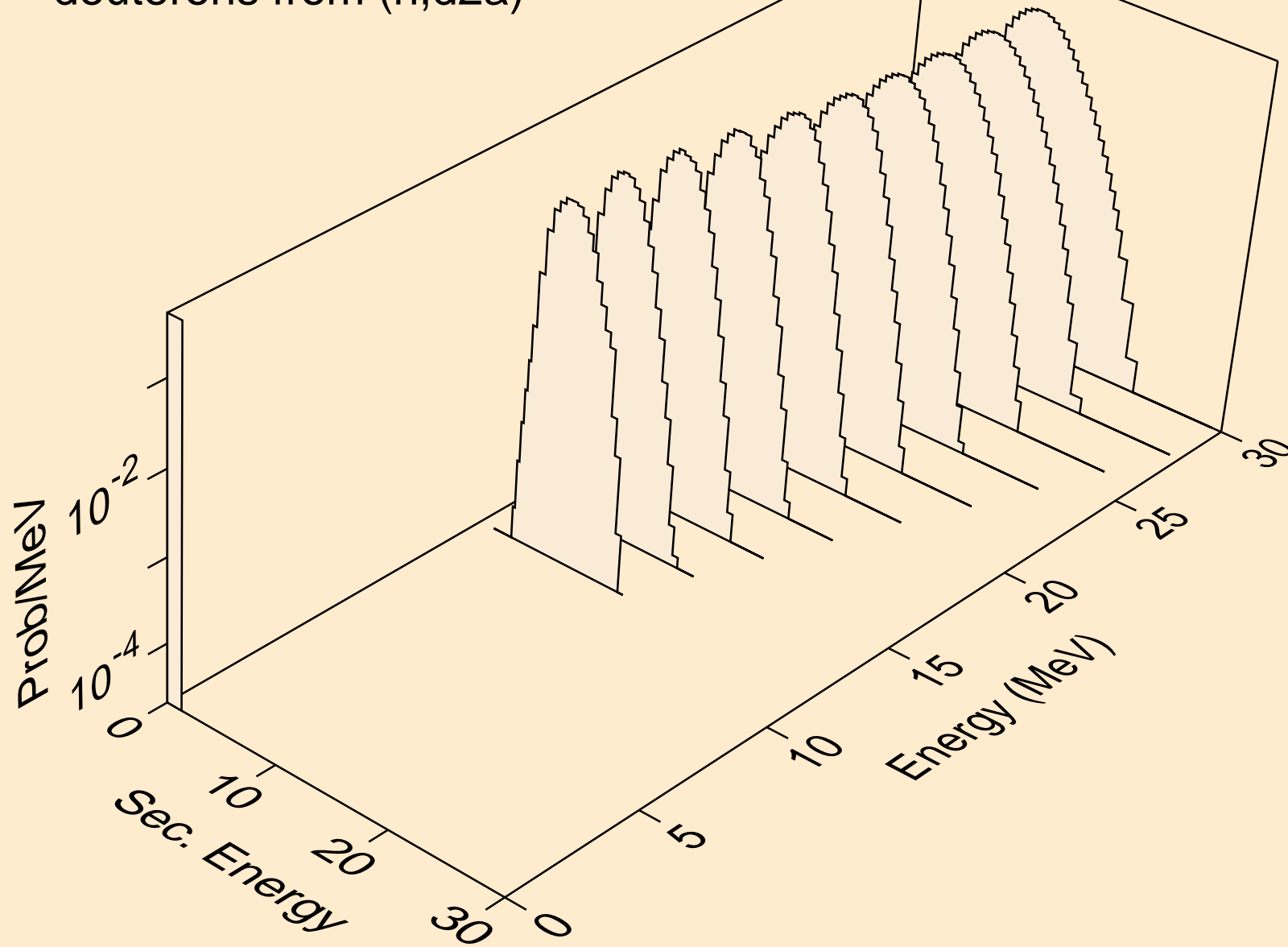
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



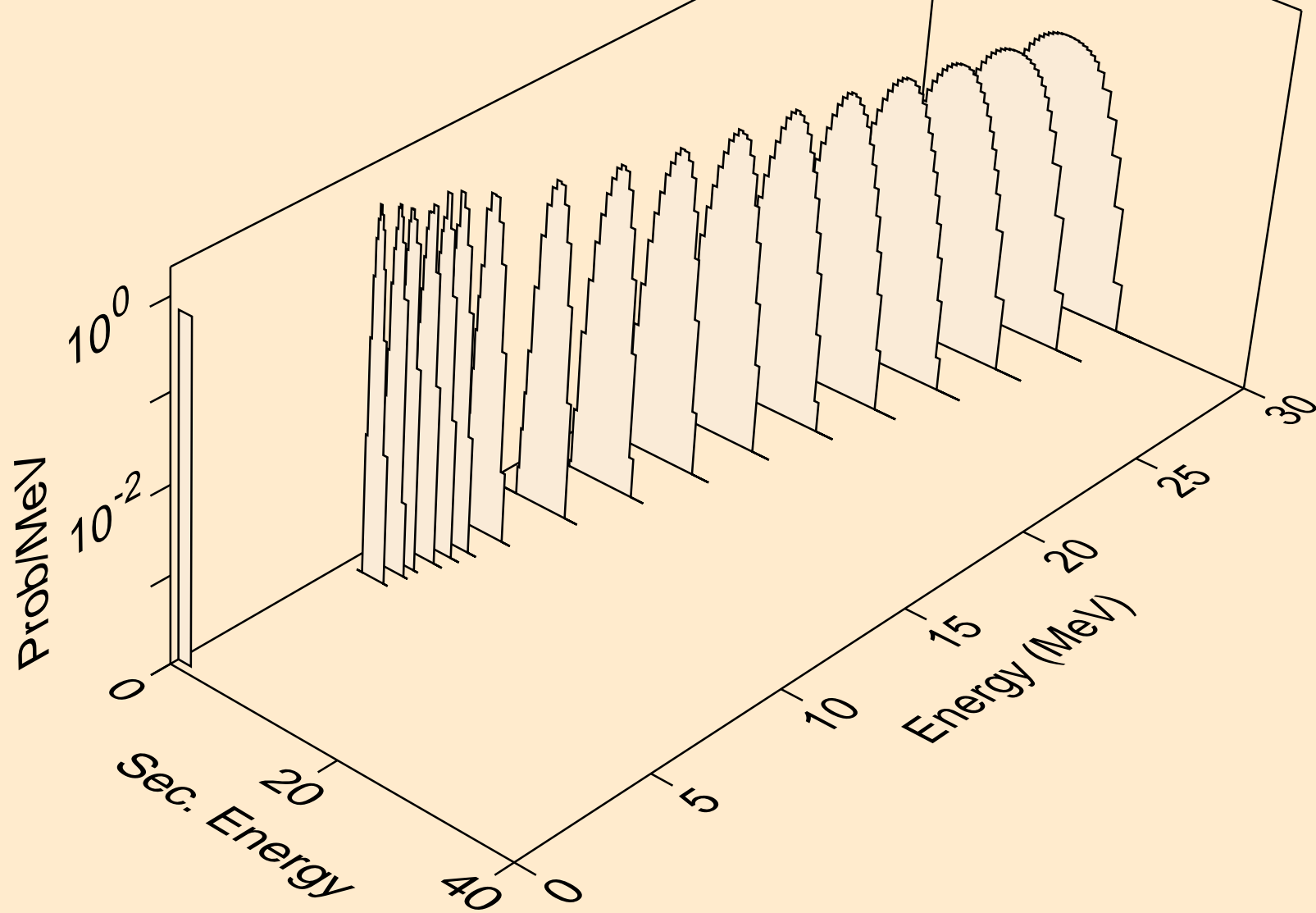
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deuterons from (n,d)



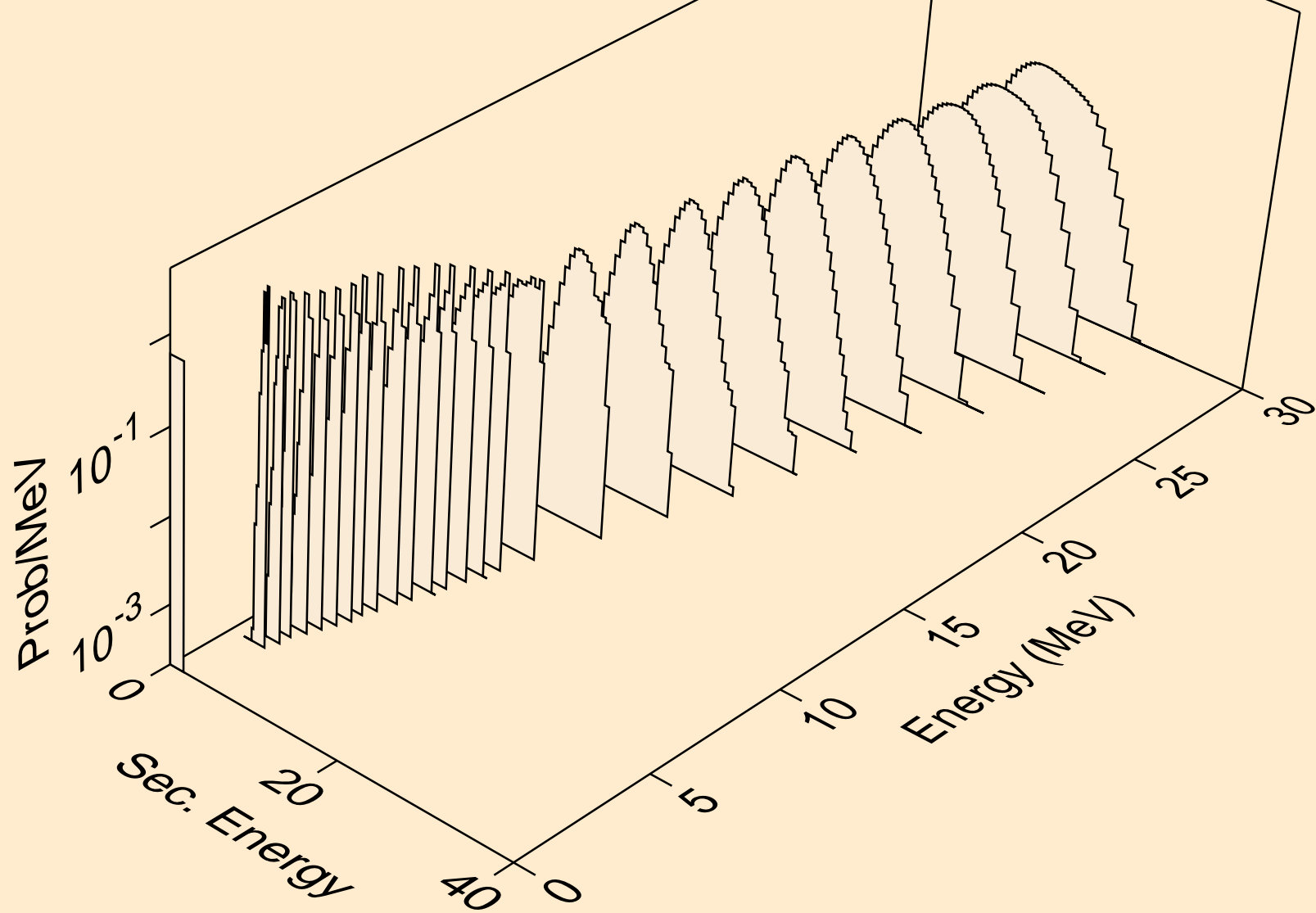
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d2a)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

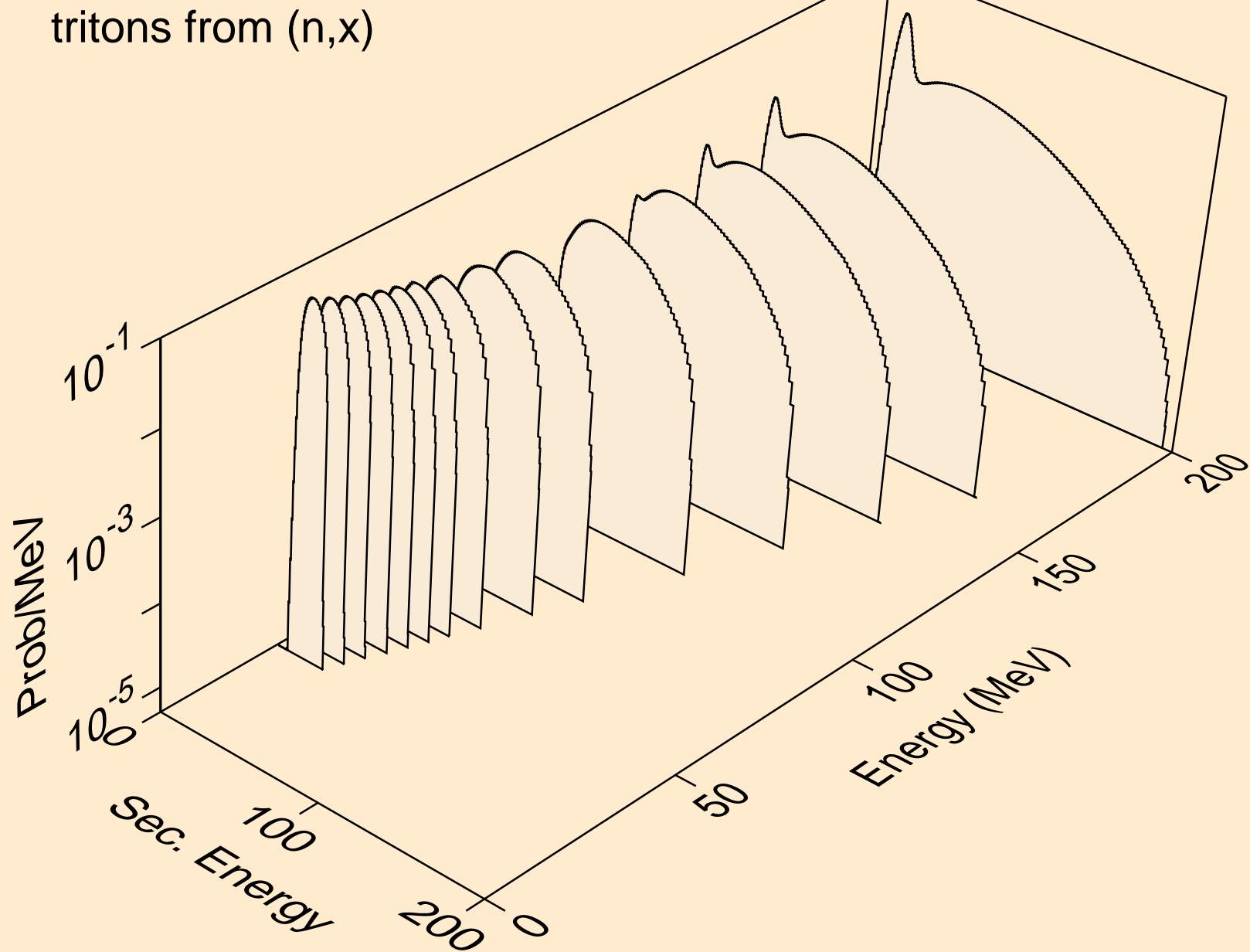


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deuterons from (n,da)

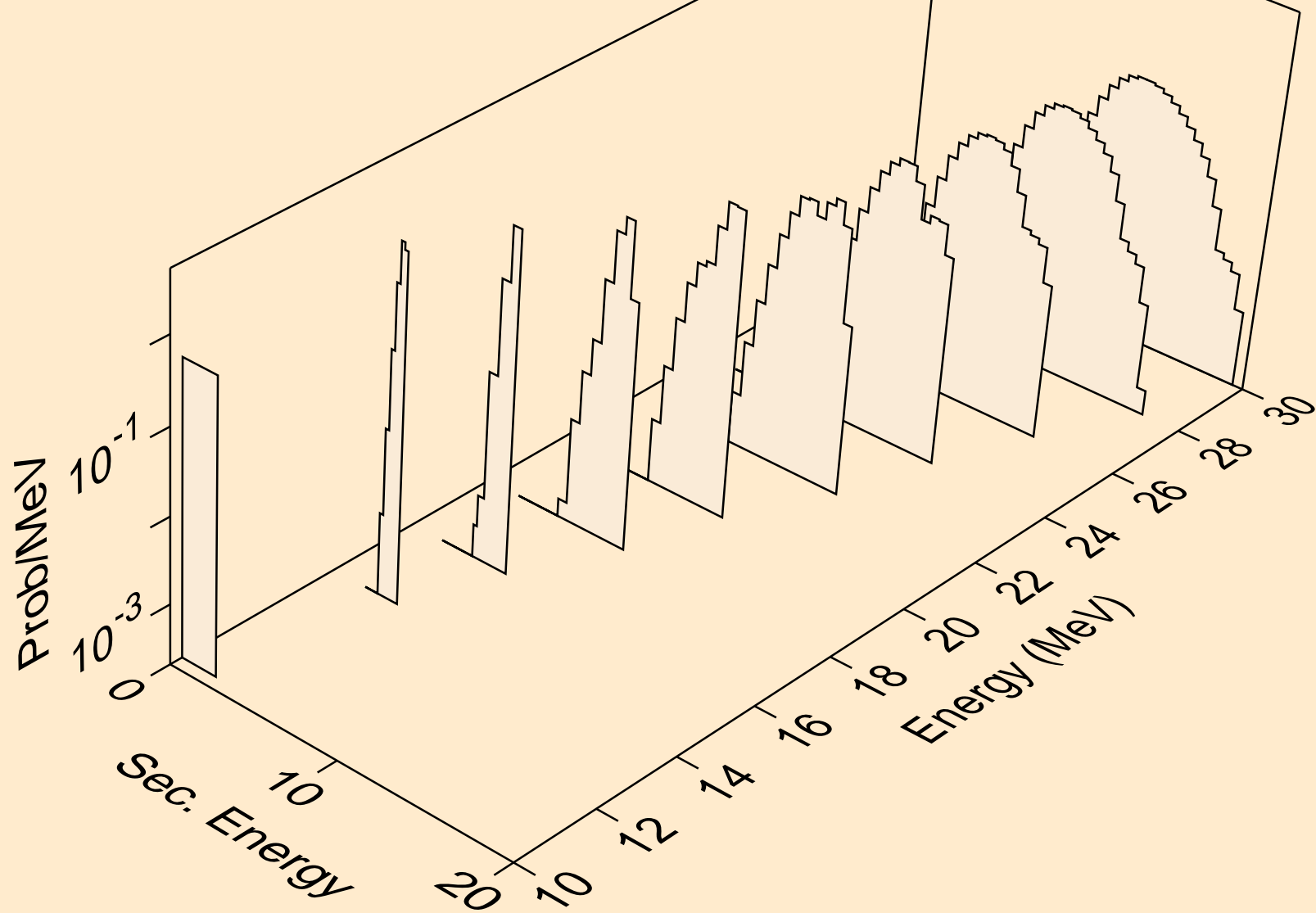




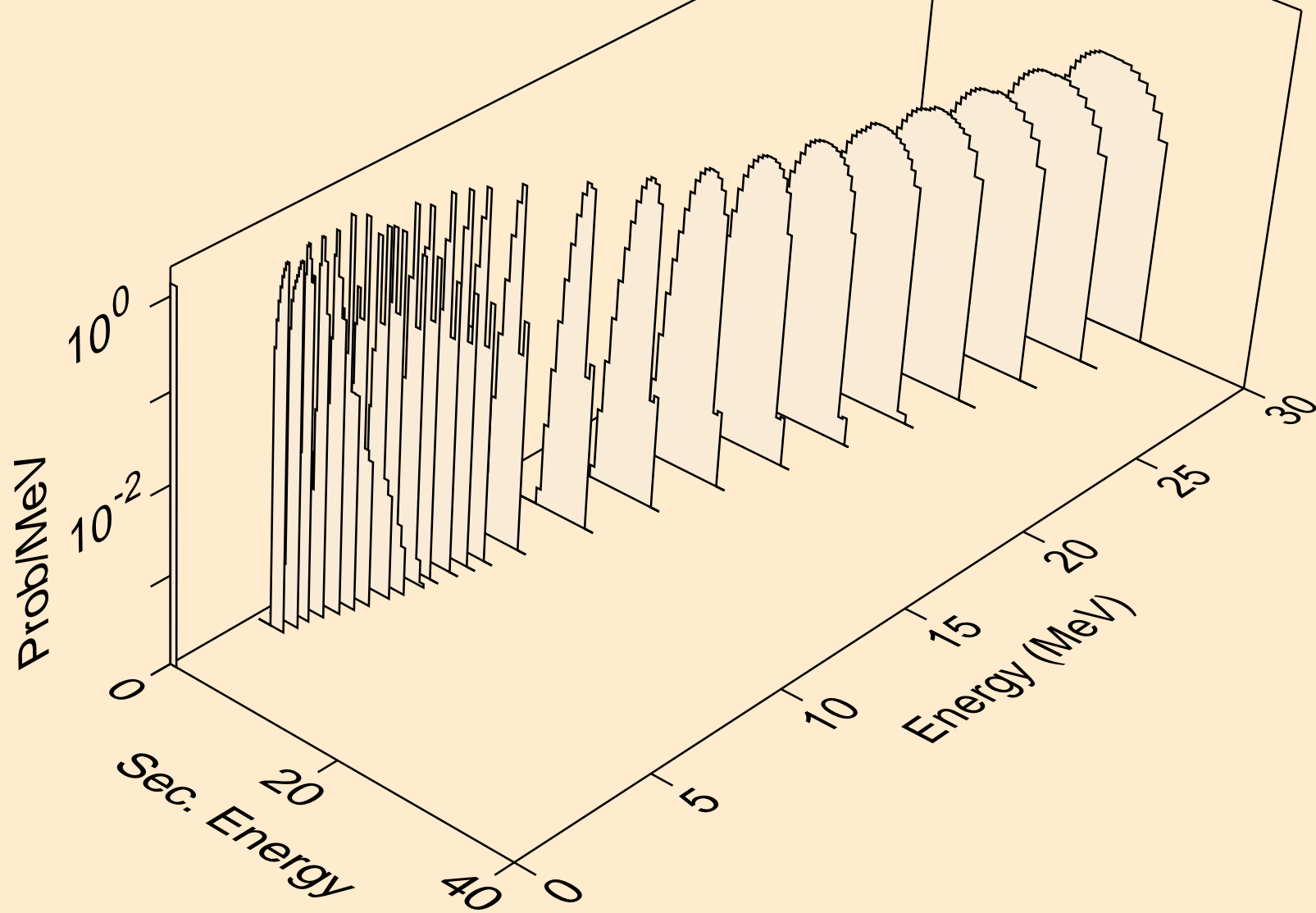
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



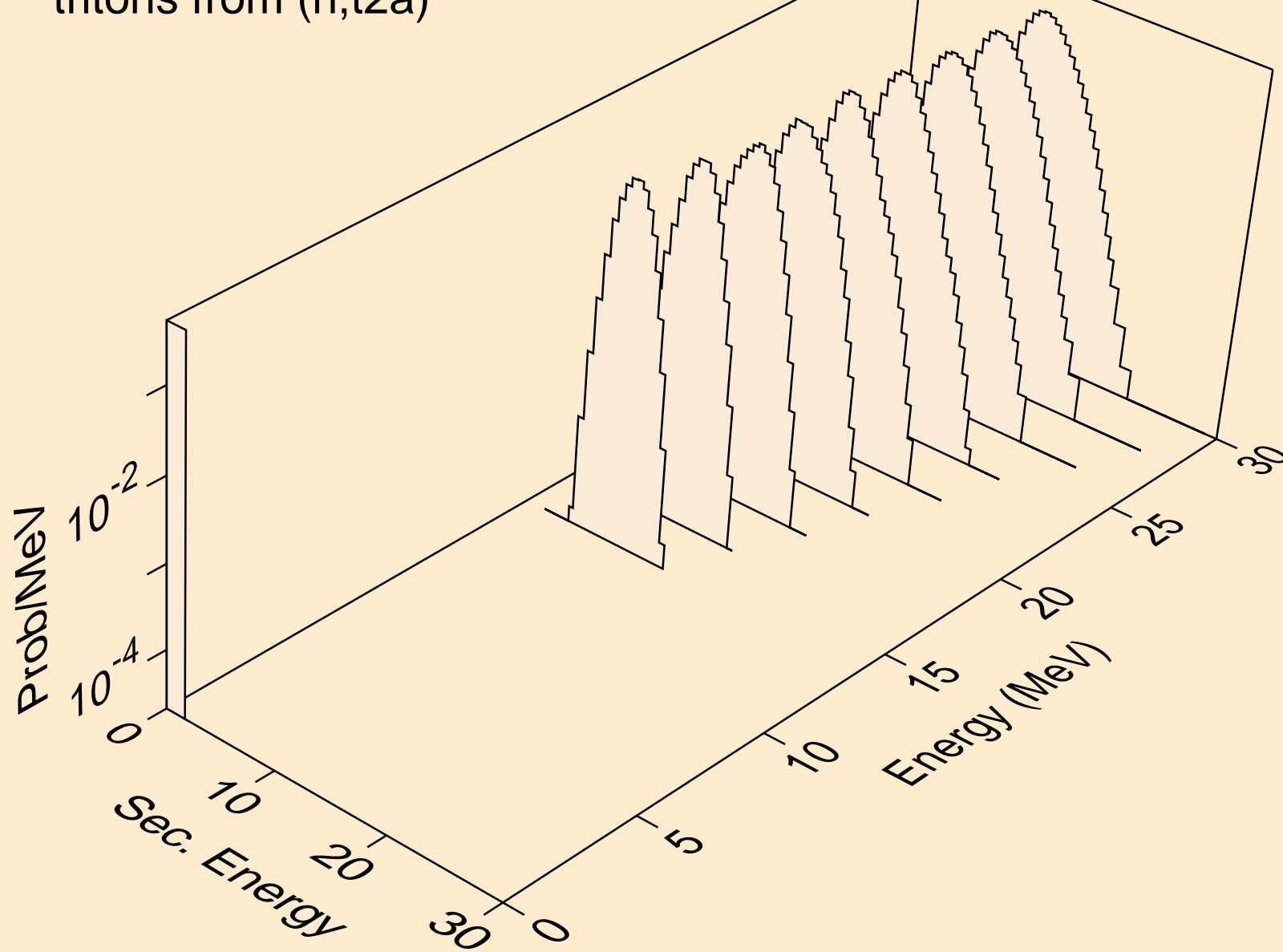
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



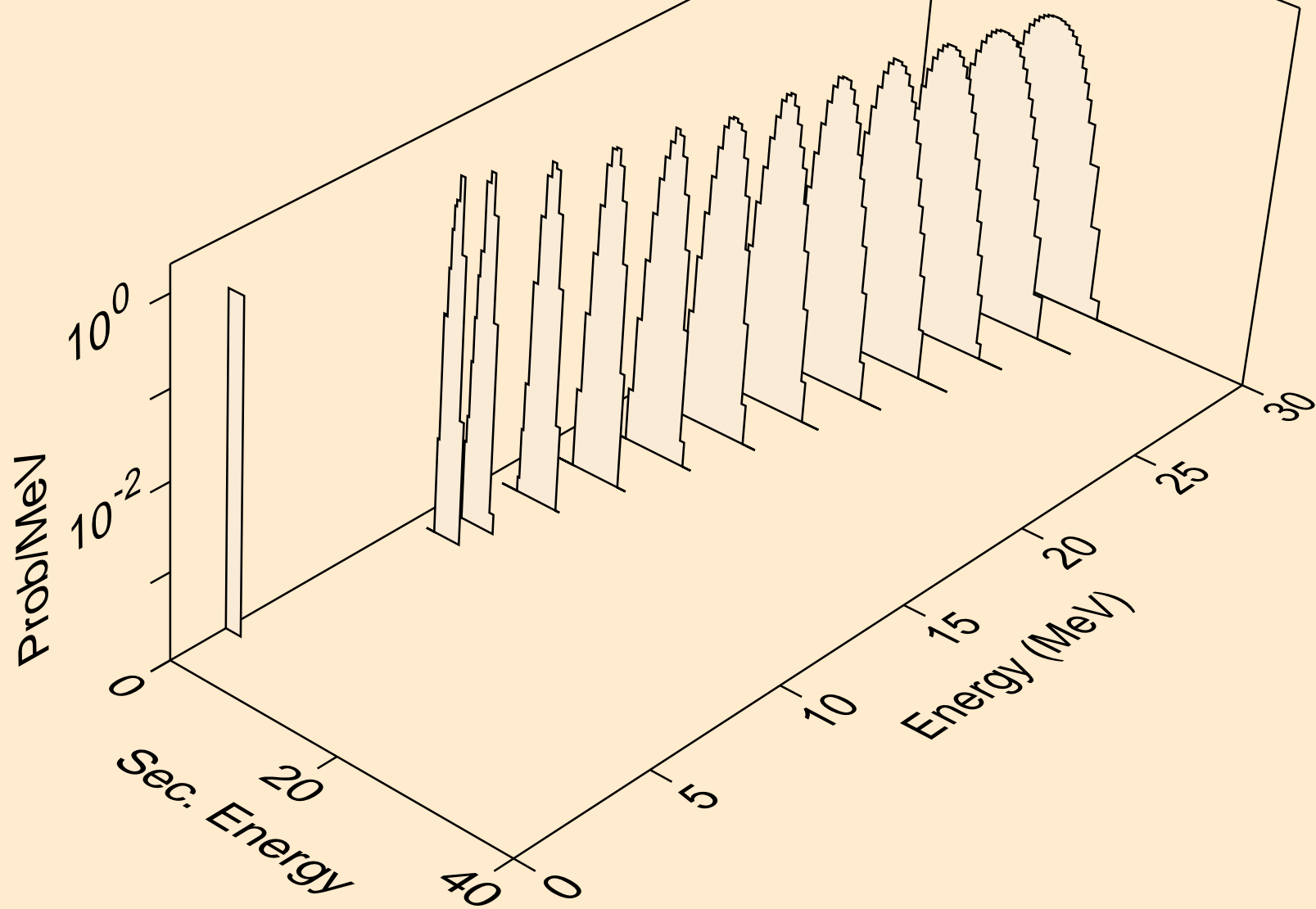
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tritons from (n,t)



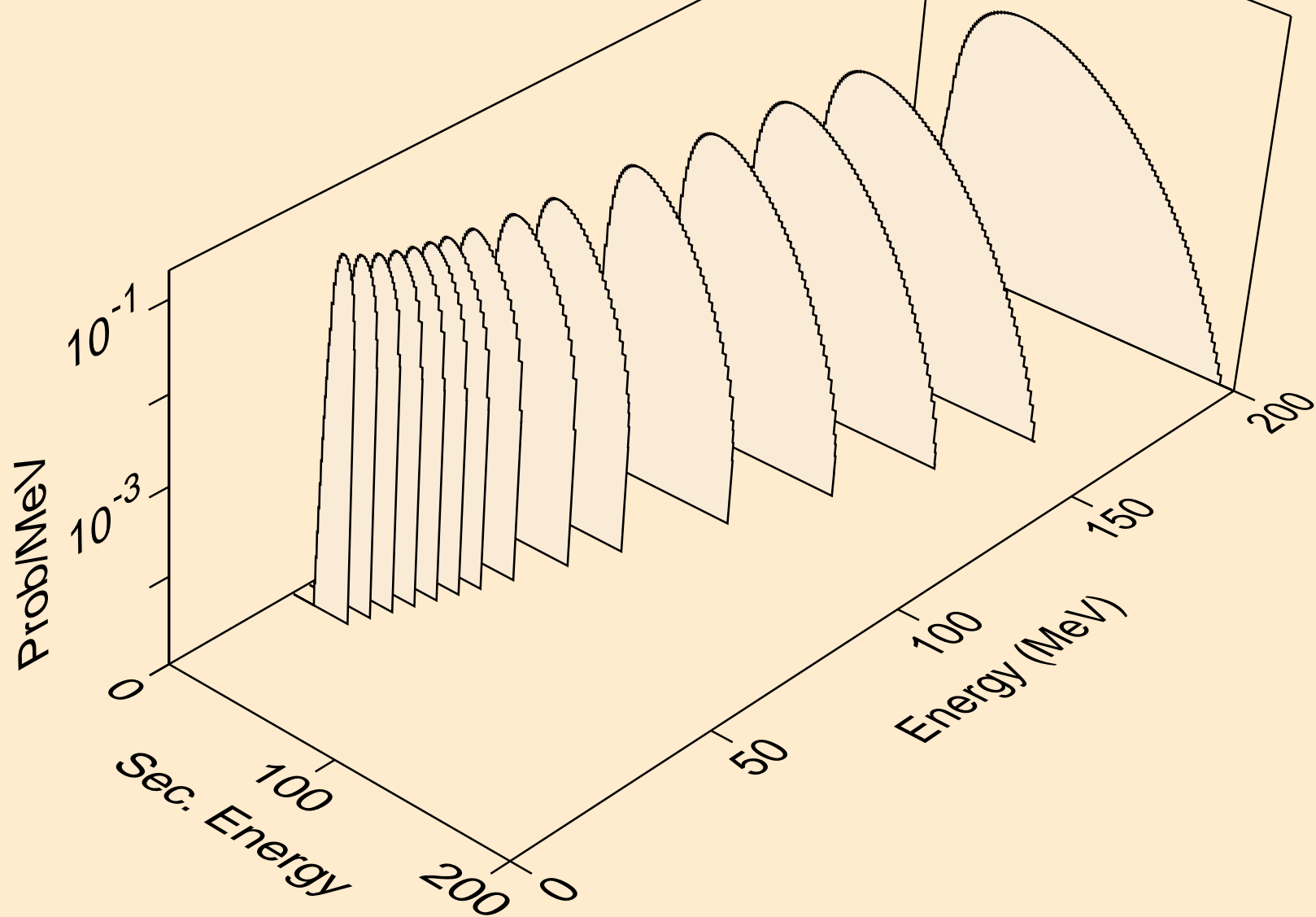
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tritons from (n,t2a)



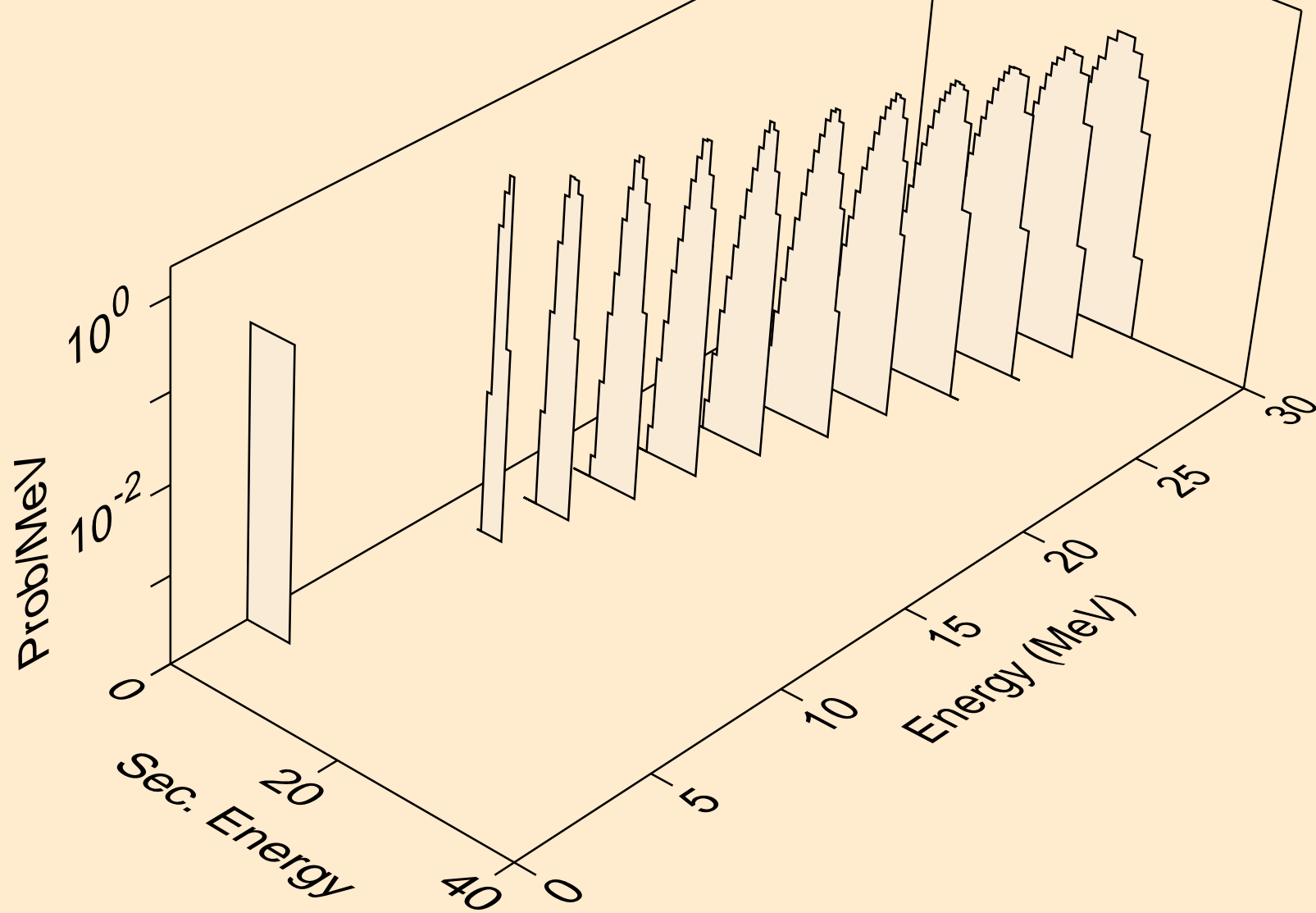
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tritons from (n,pt)



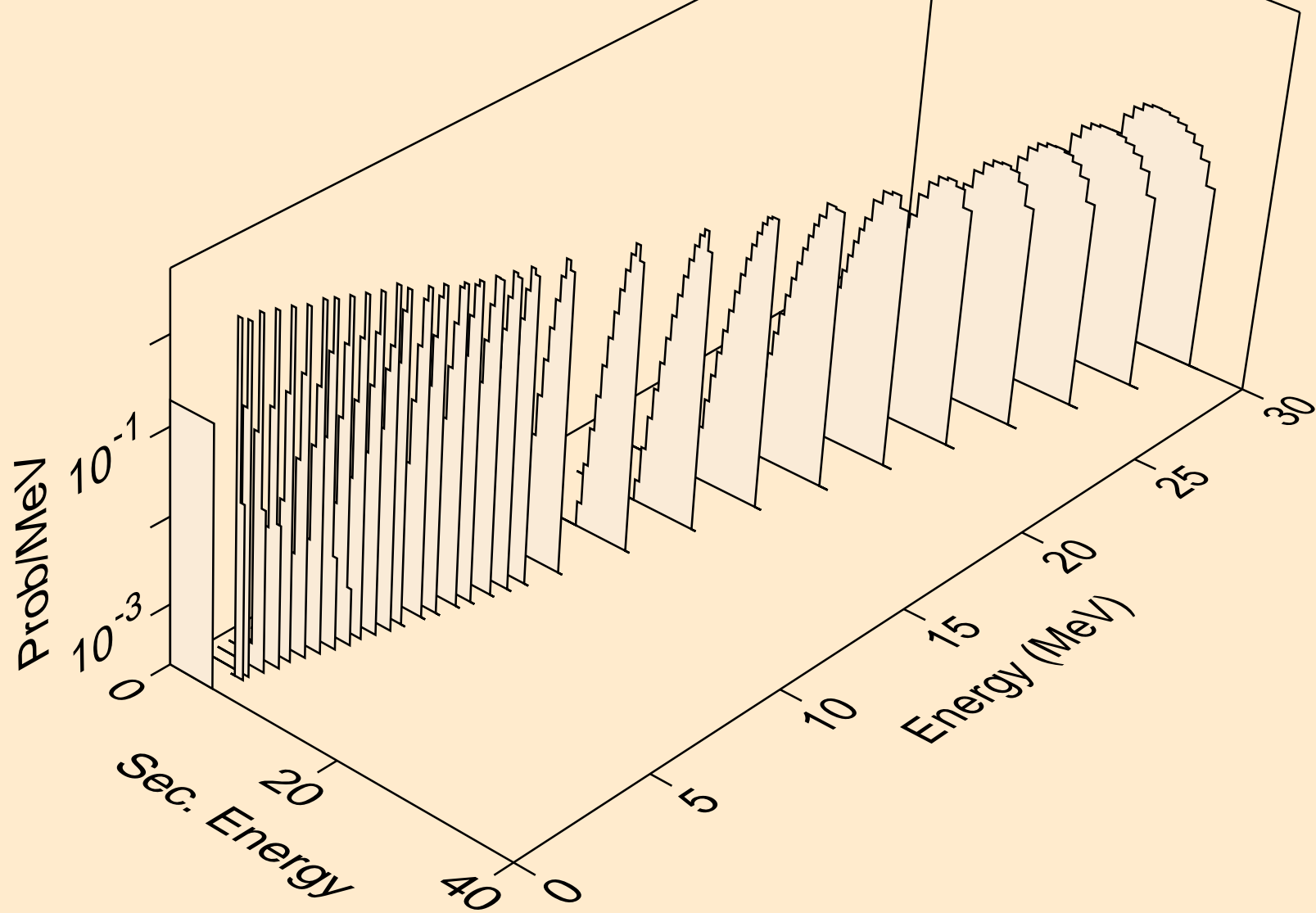
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

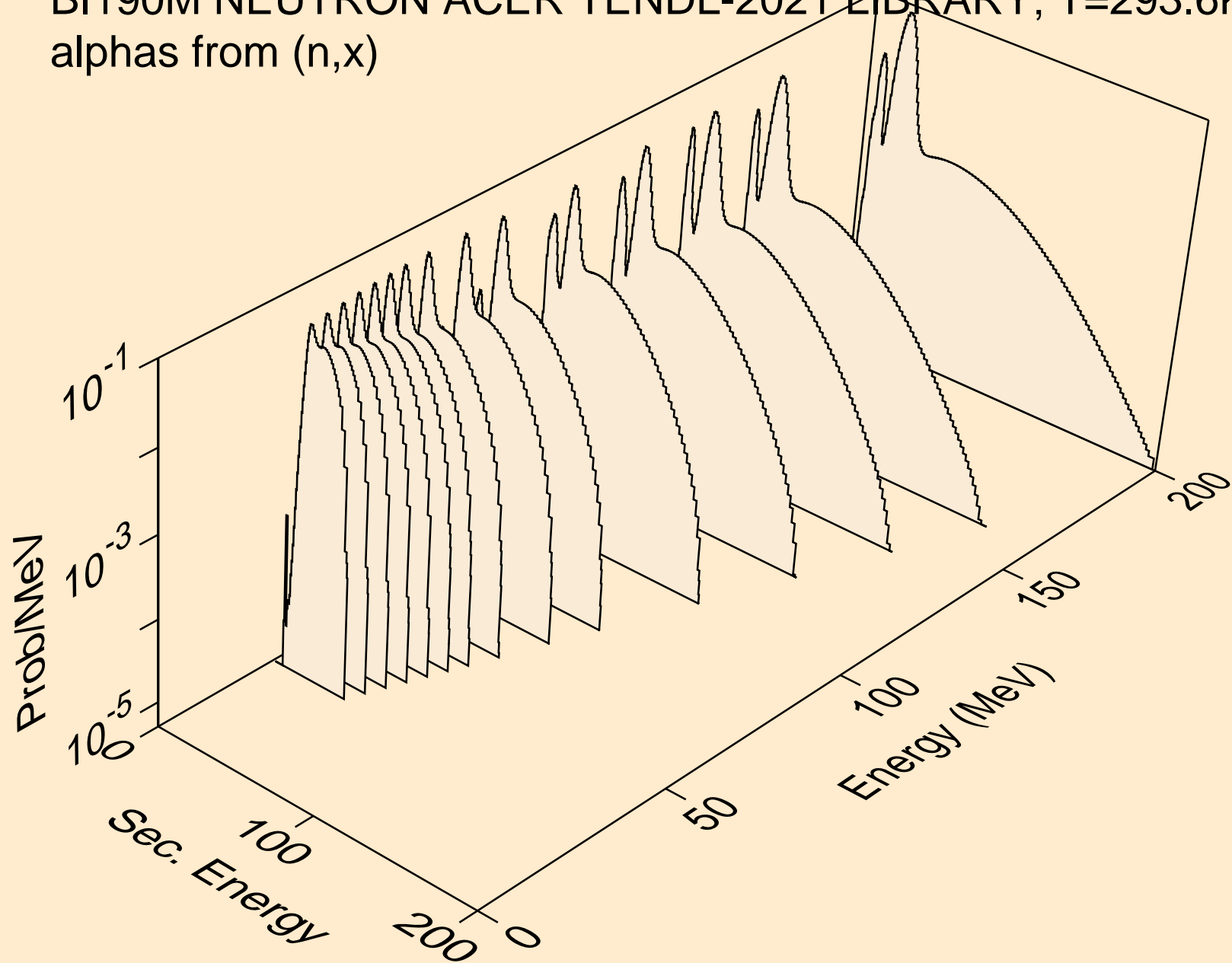


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

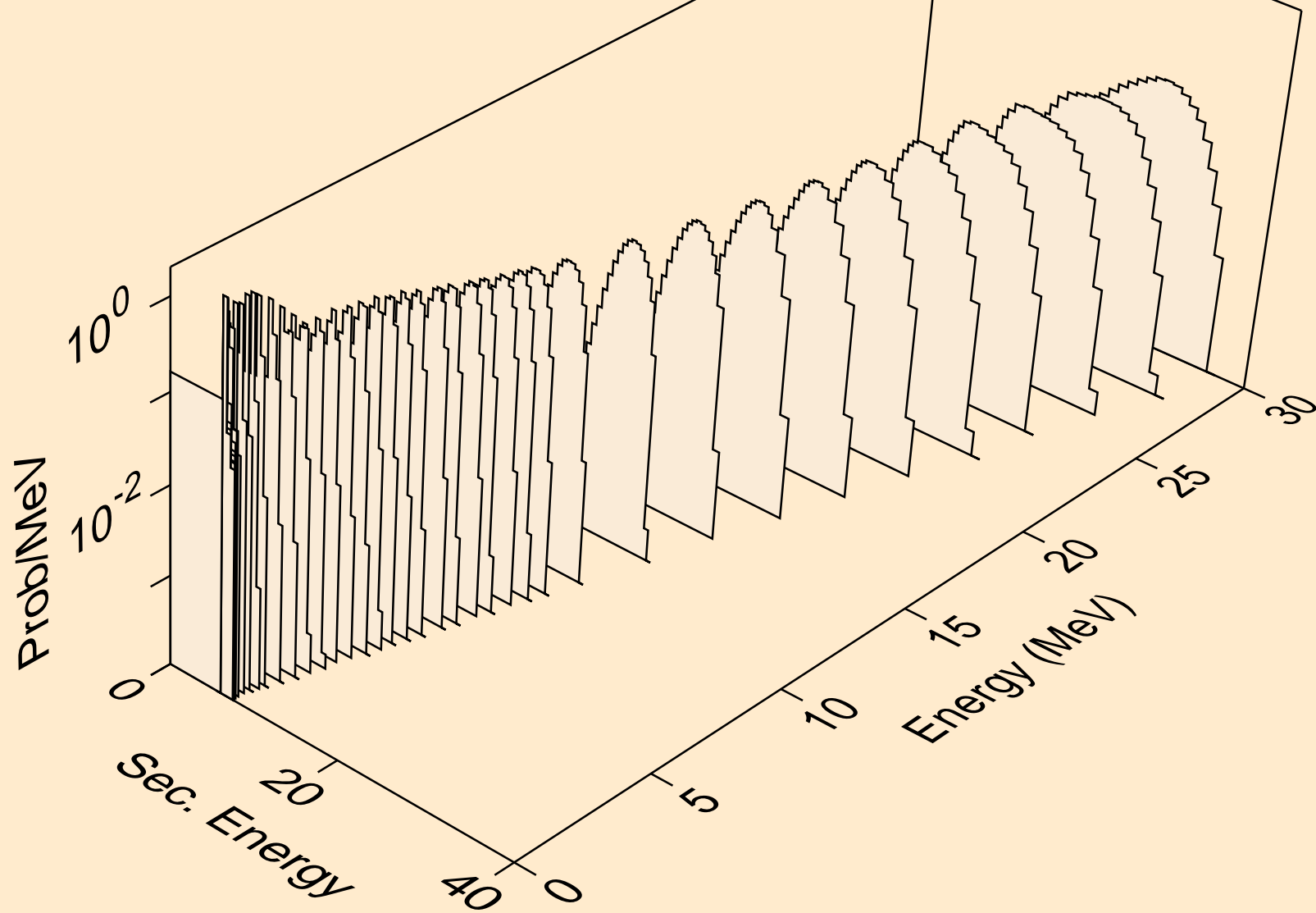




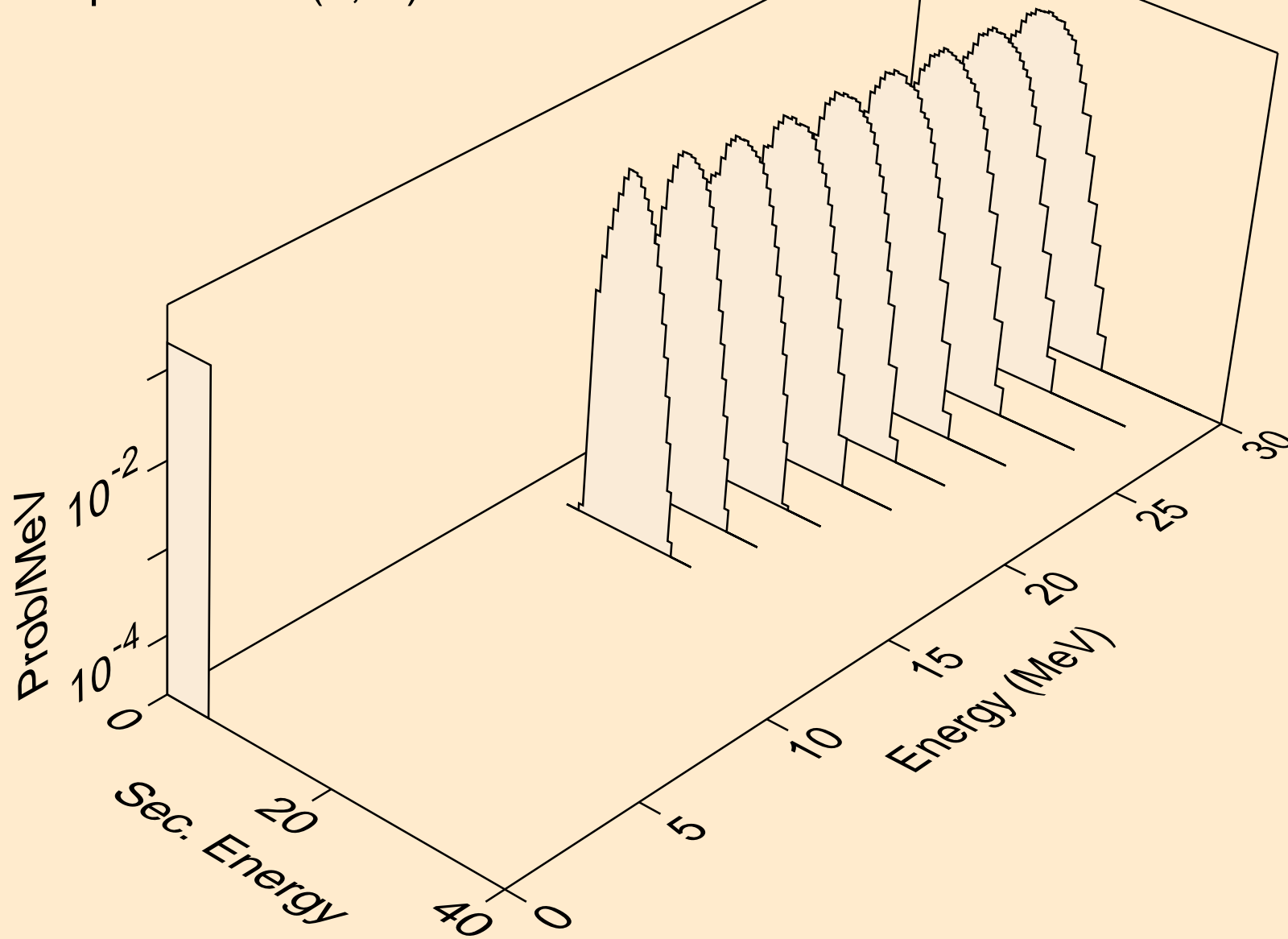
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



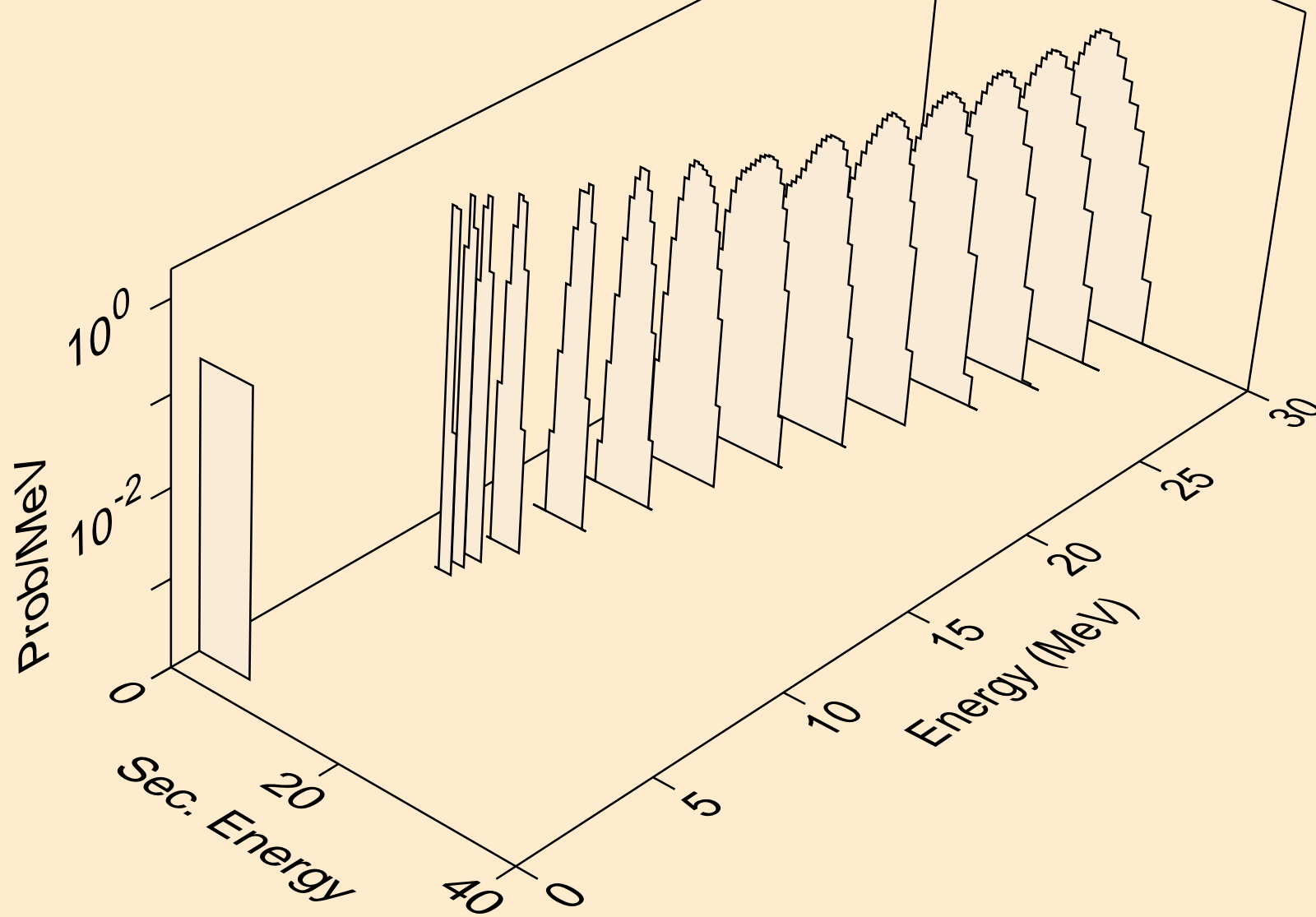
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



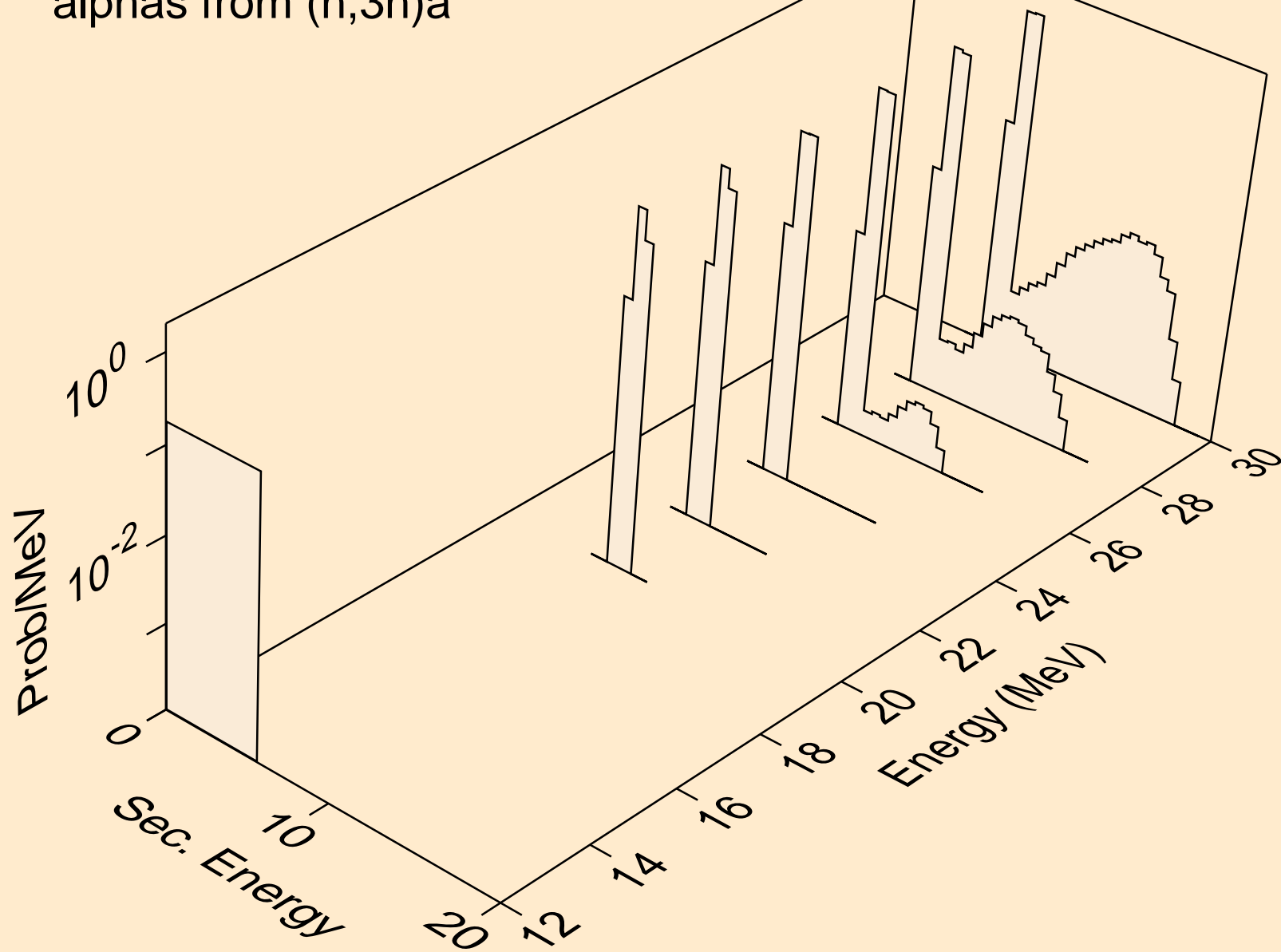
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)3a



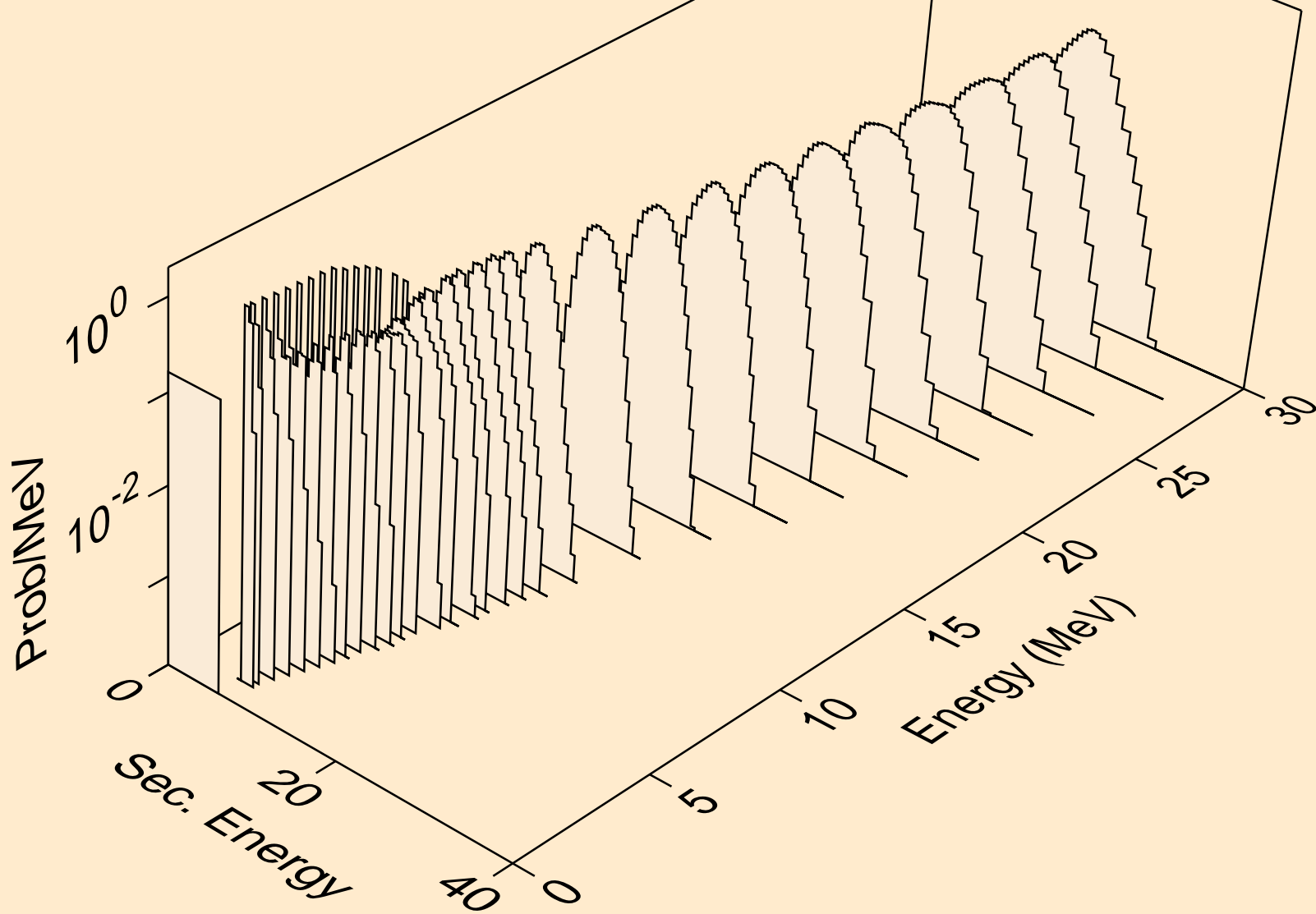
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alphas from (n,2n)a



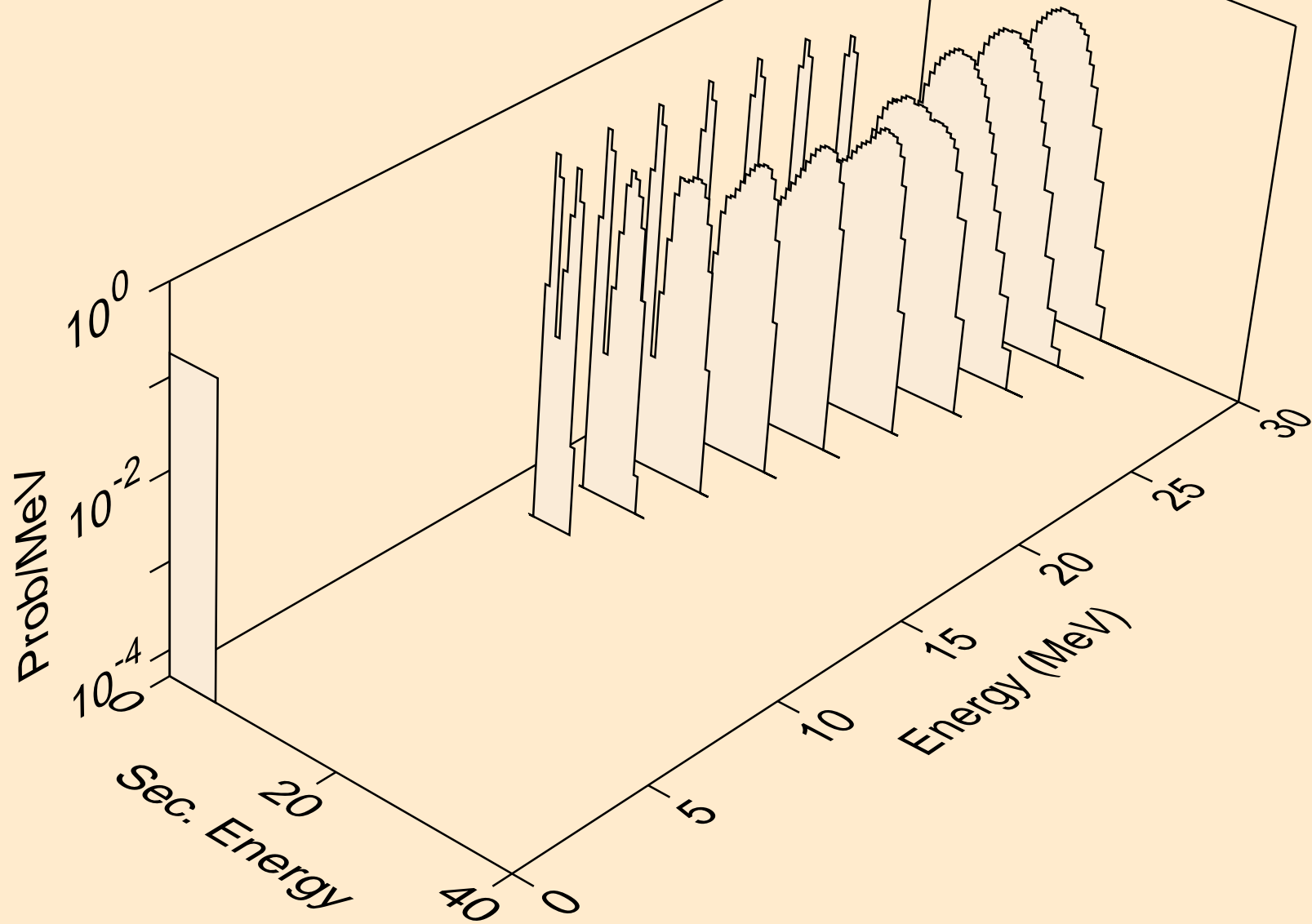
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alphas from (n,3n)a



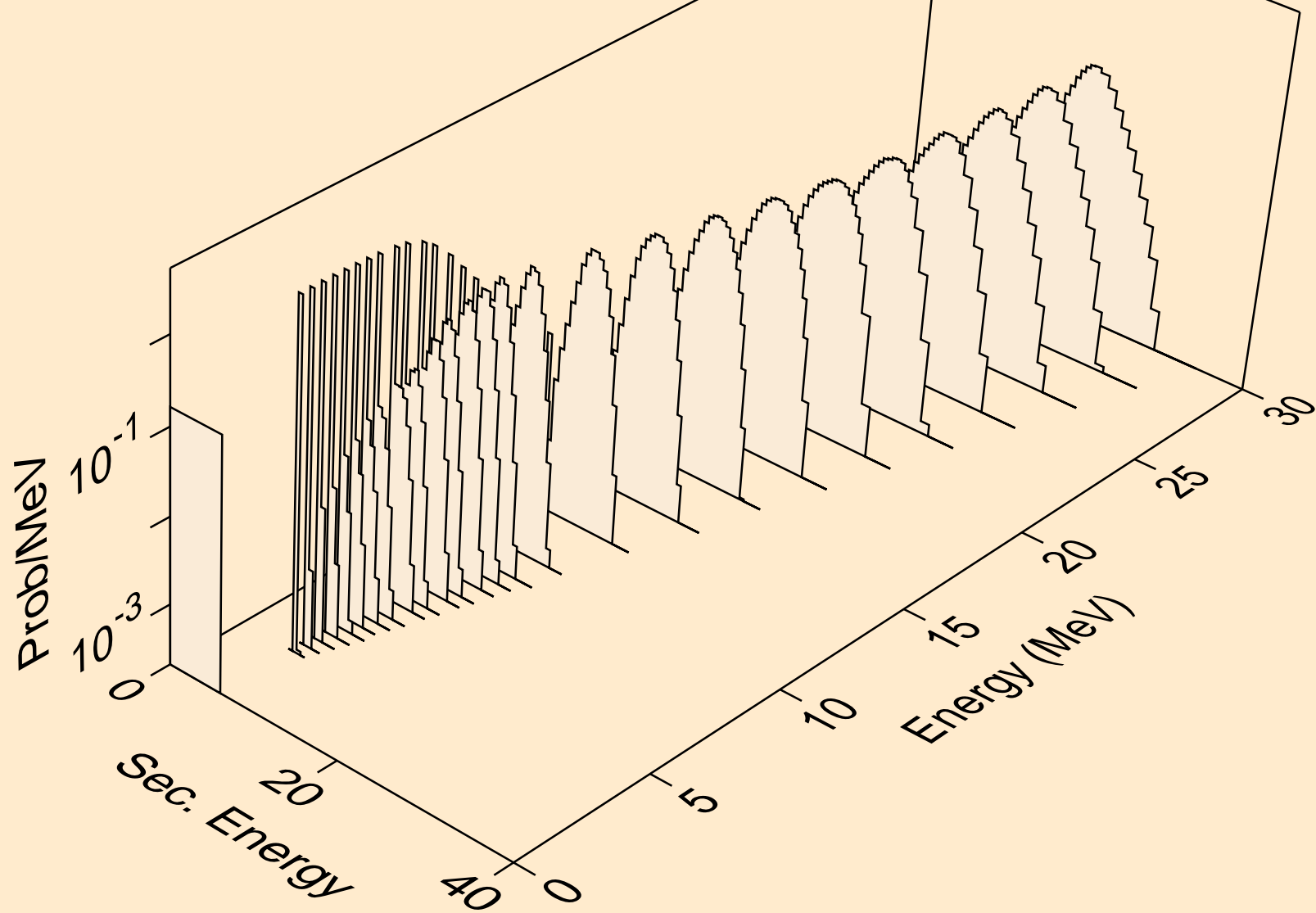
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a

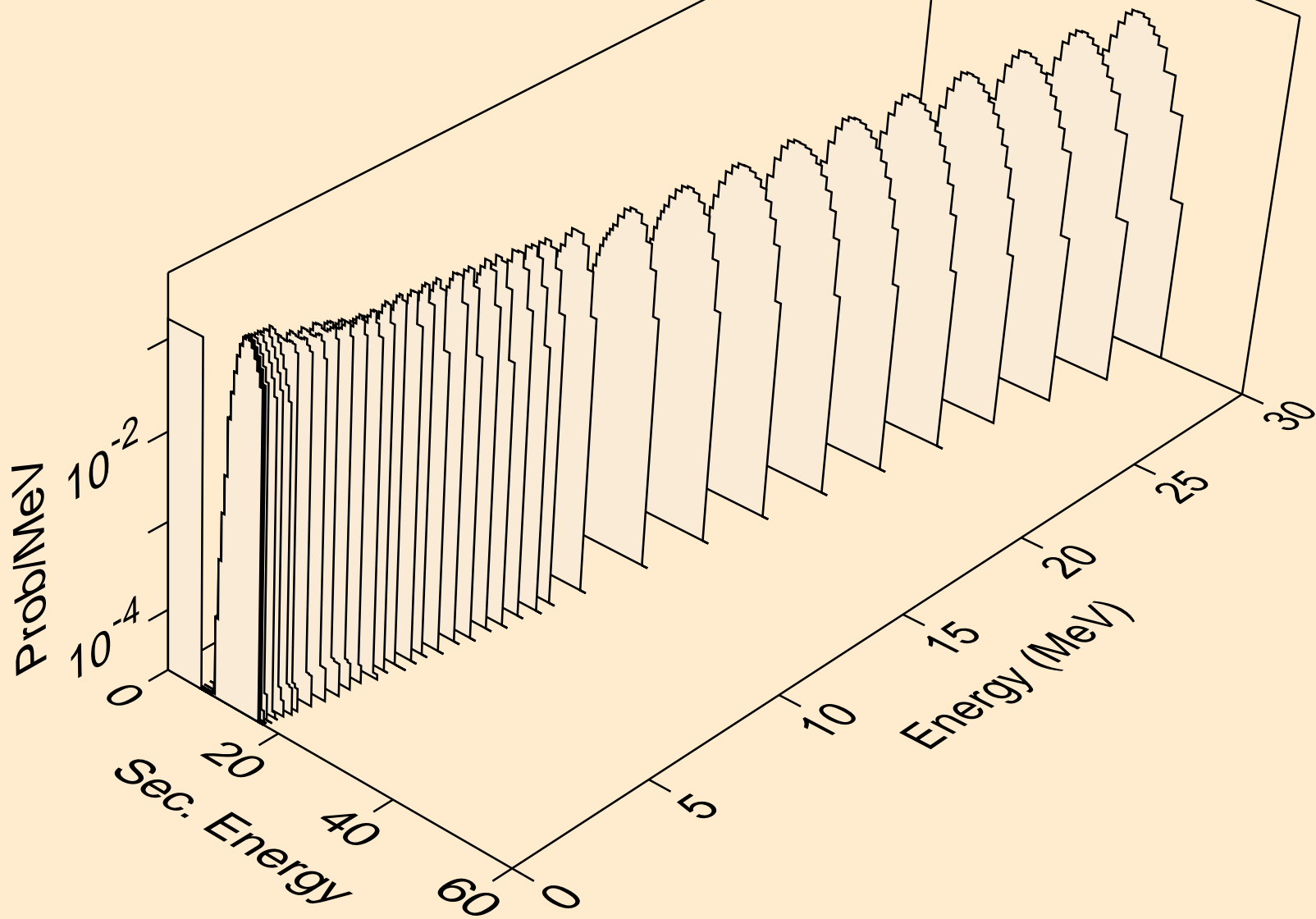


BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

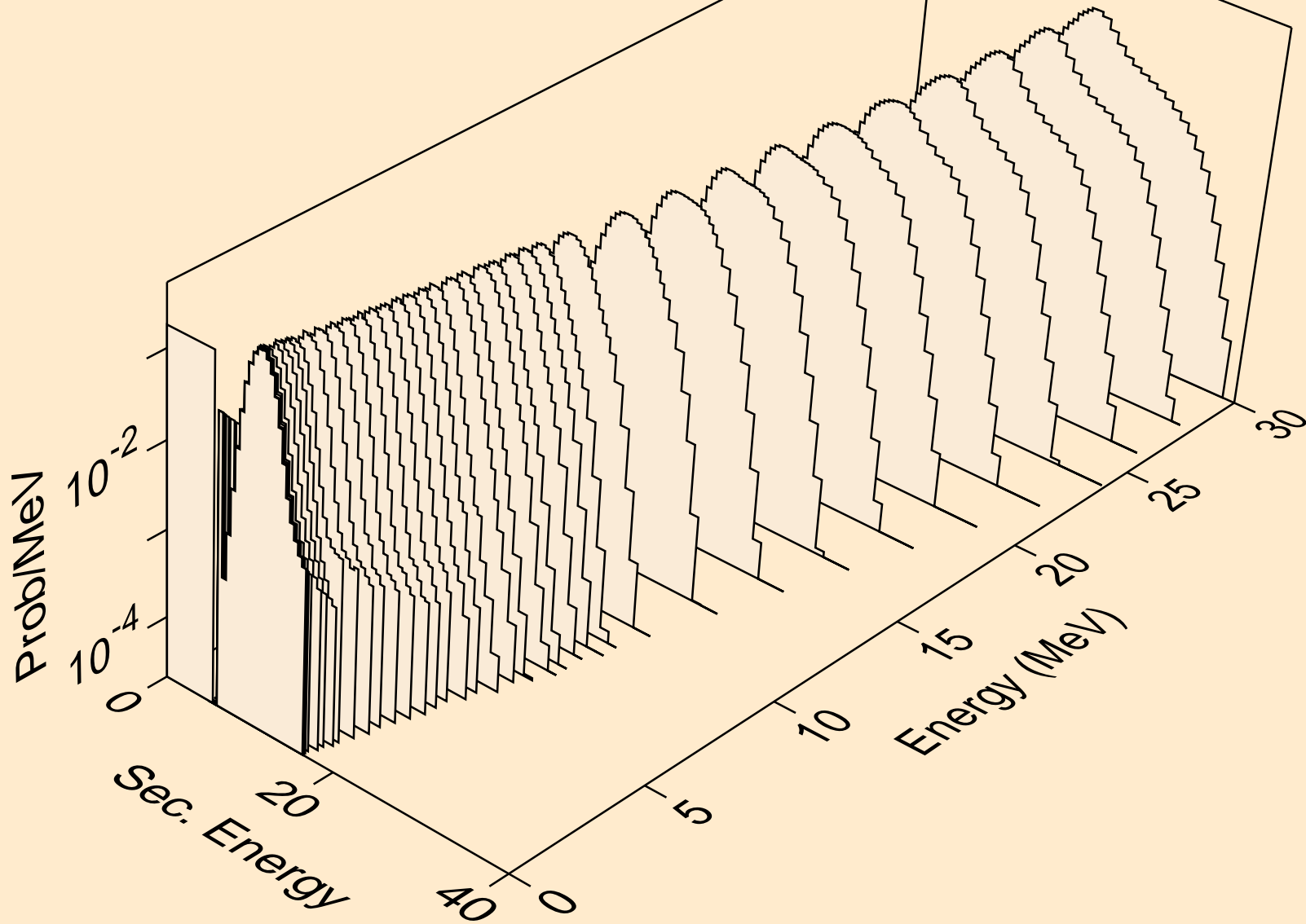




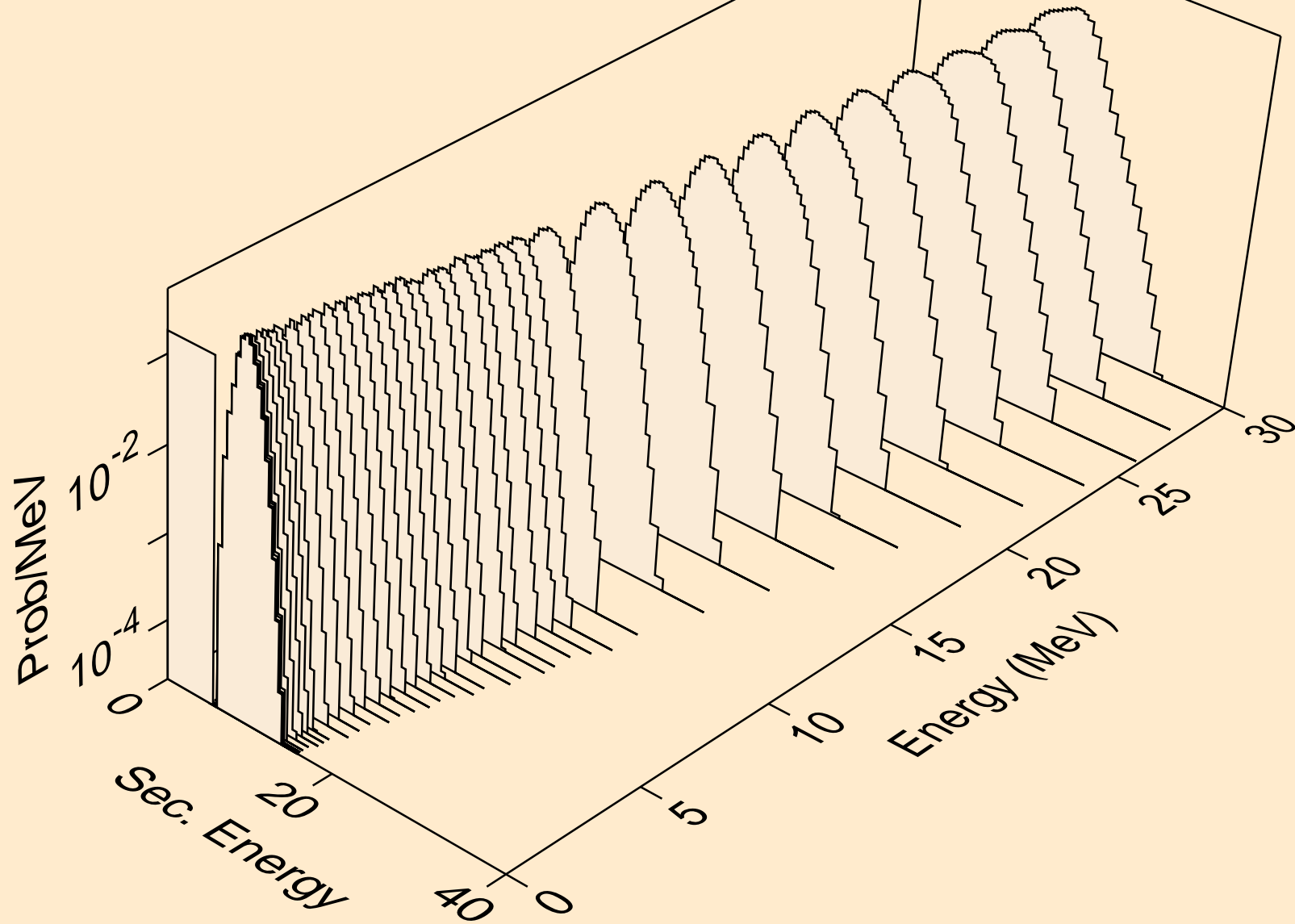
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



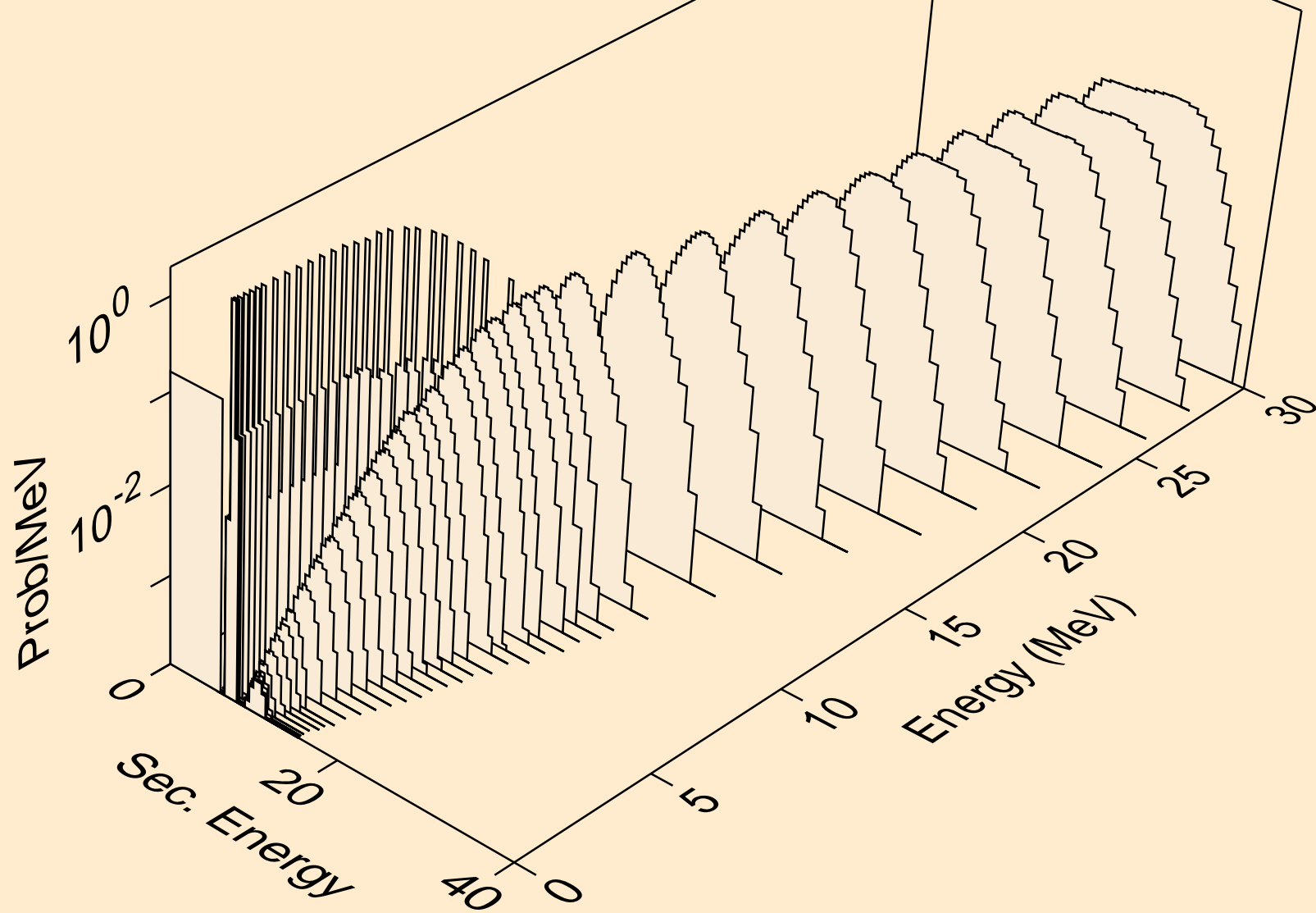
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alphas from (n,2a)



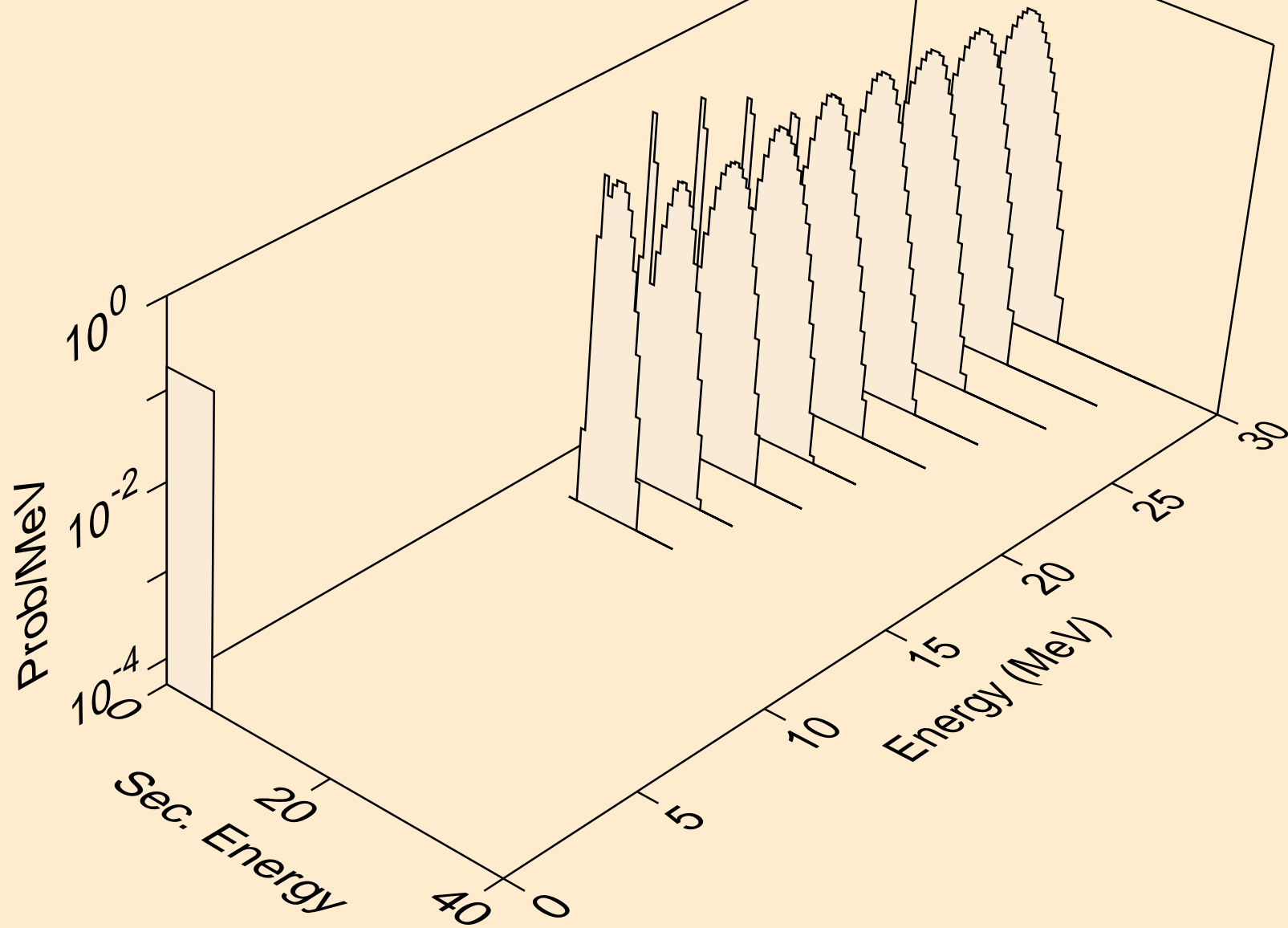
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



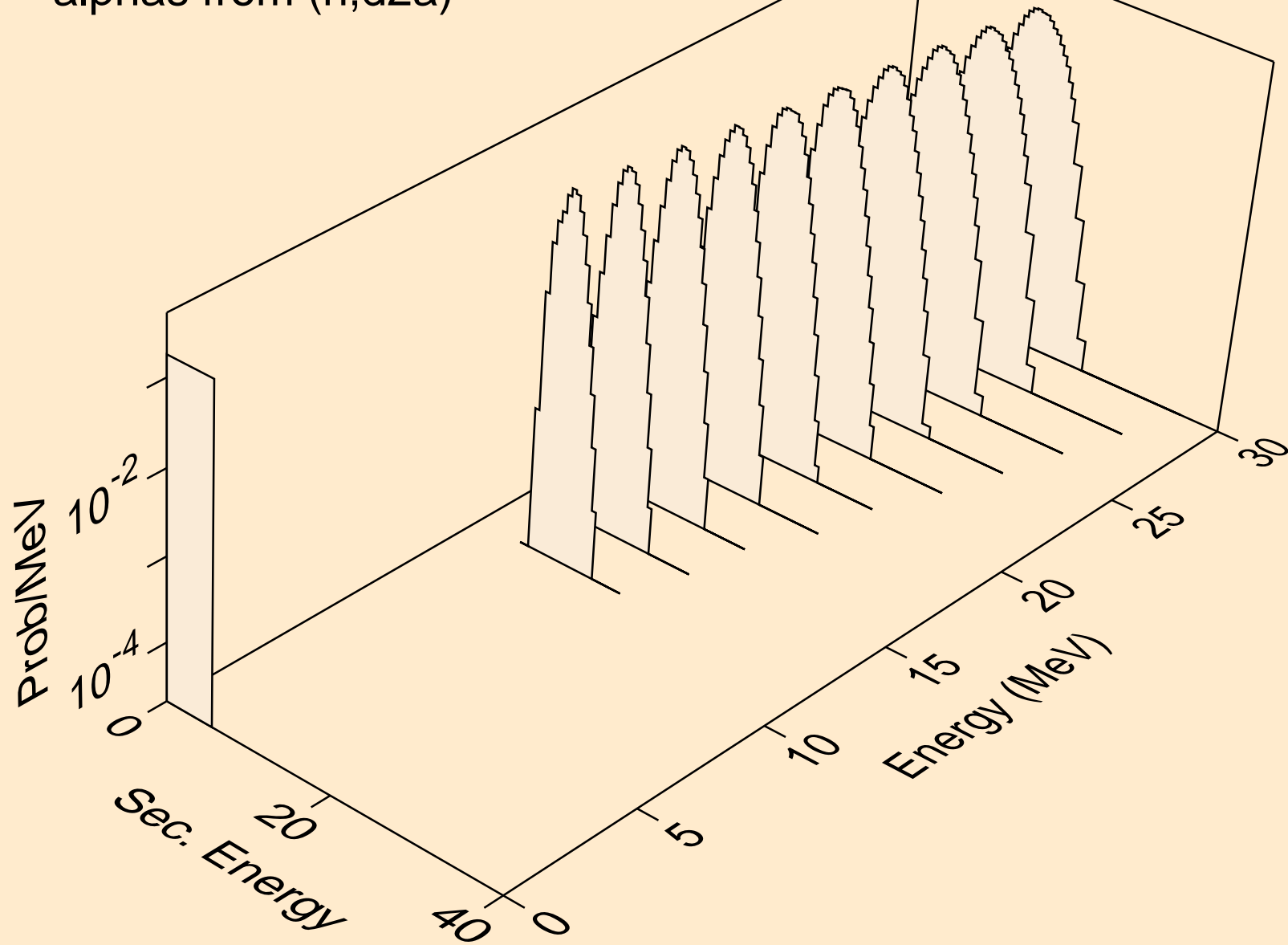
BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,t2a)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



BI190M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

