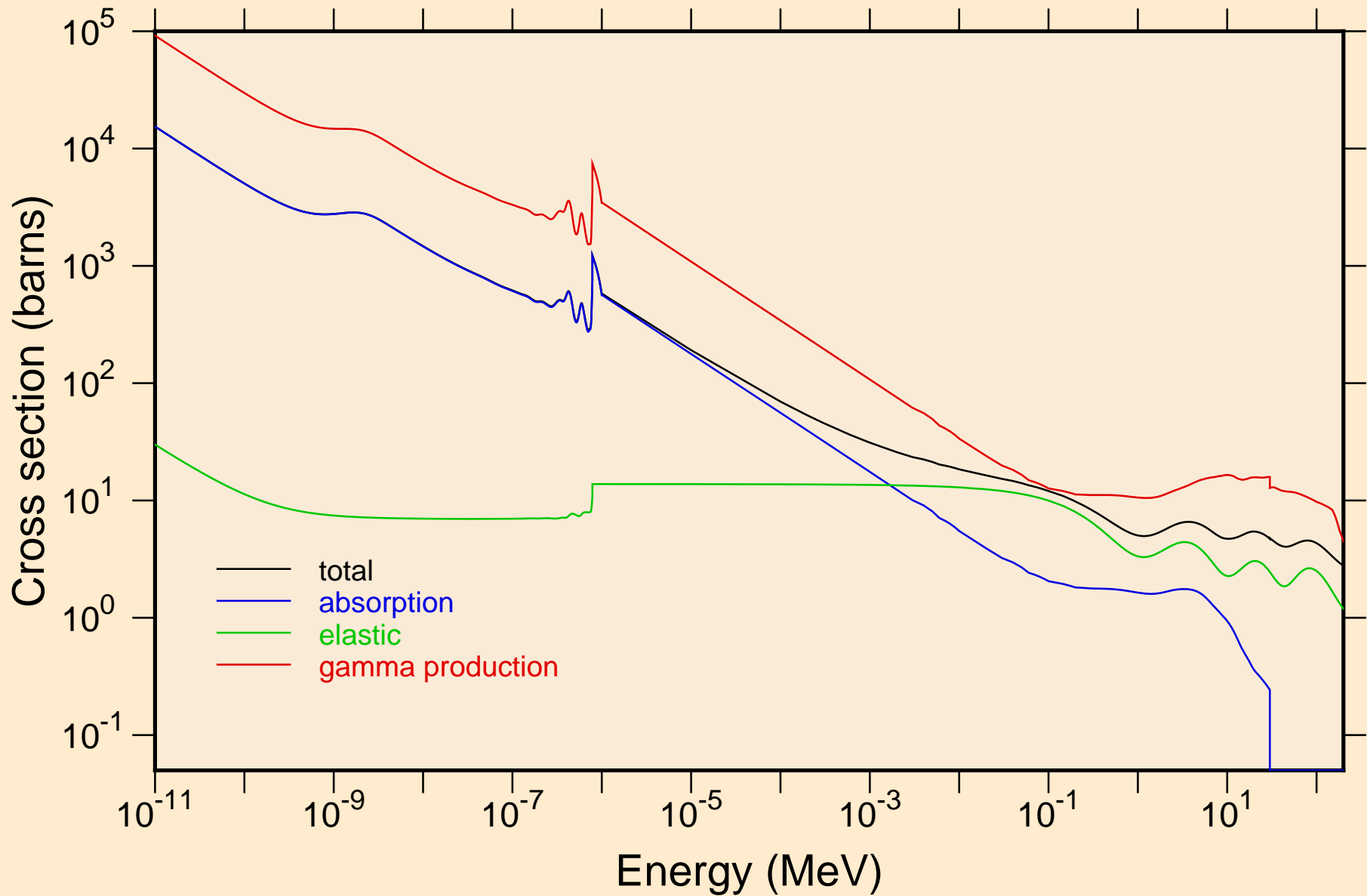
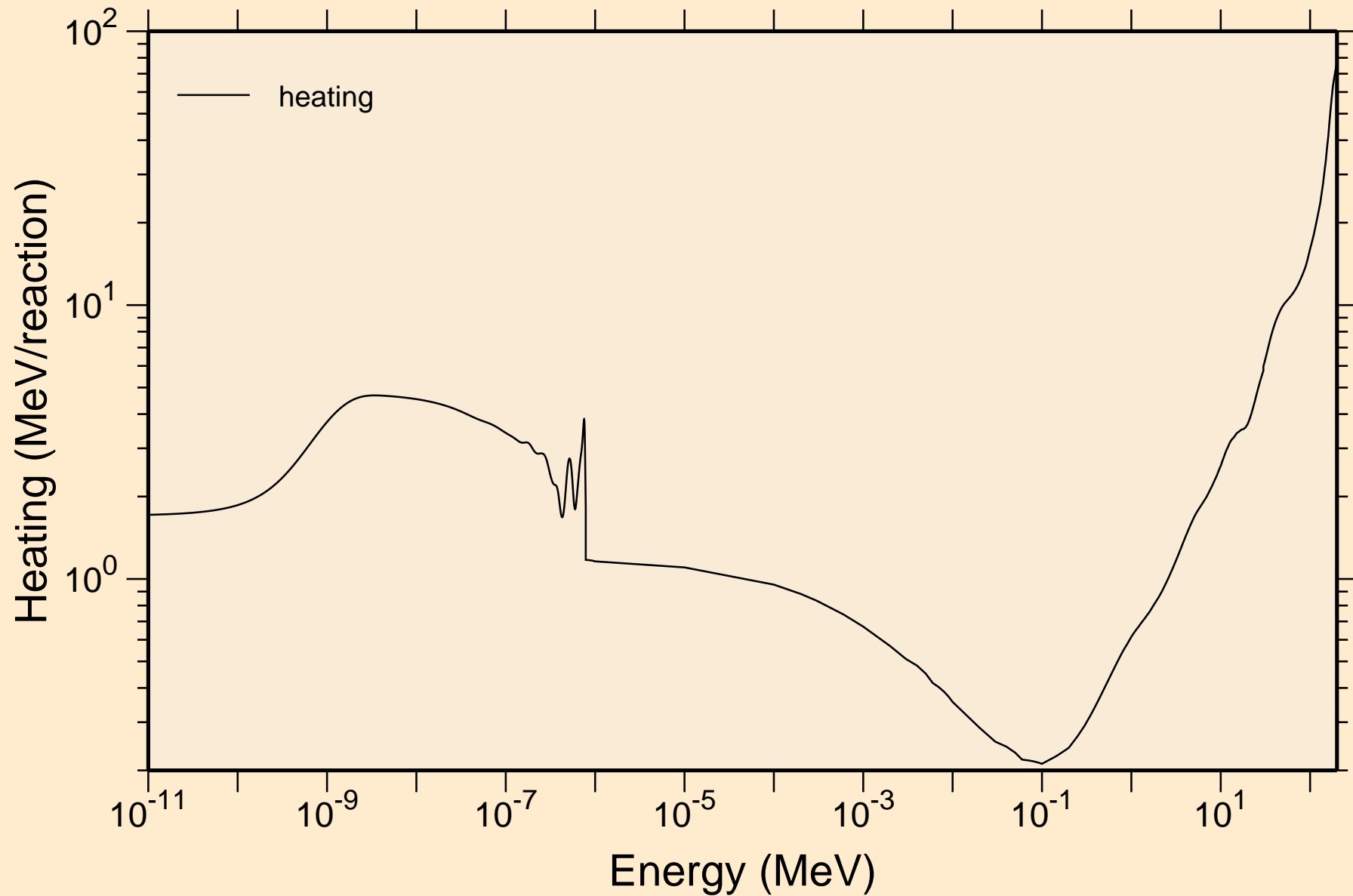


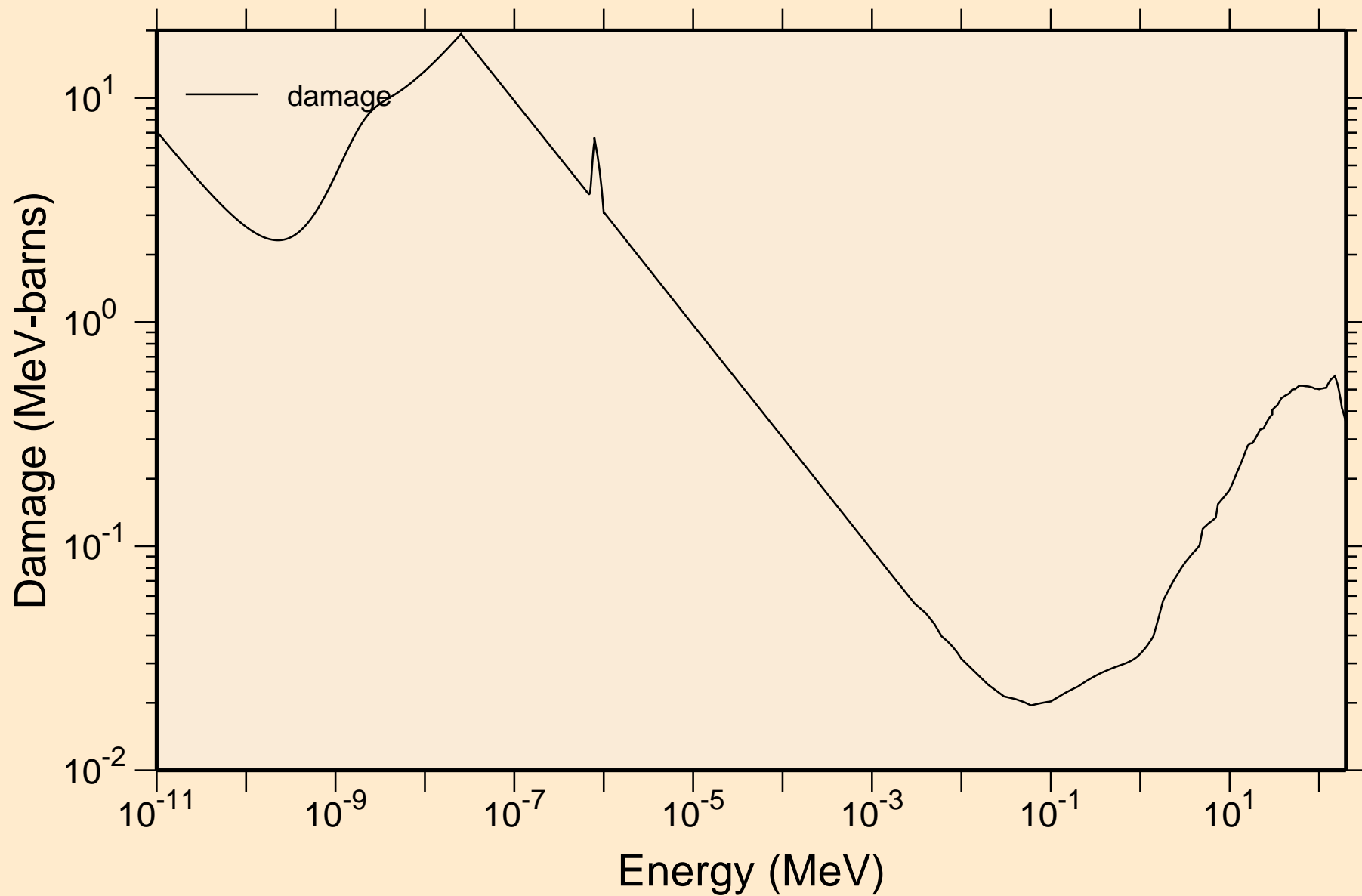
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



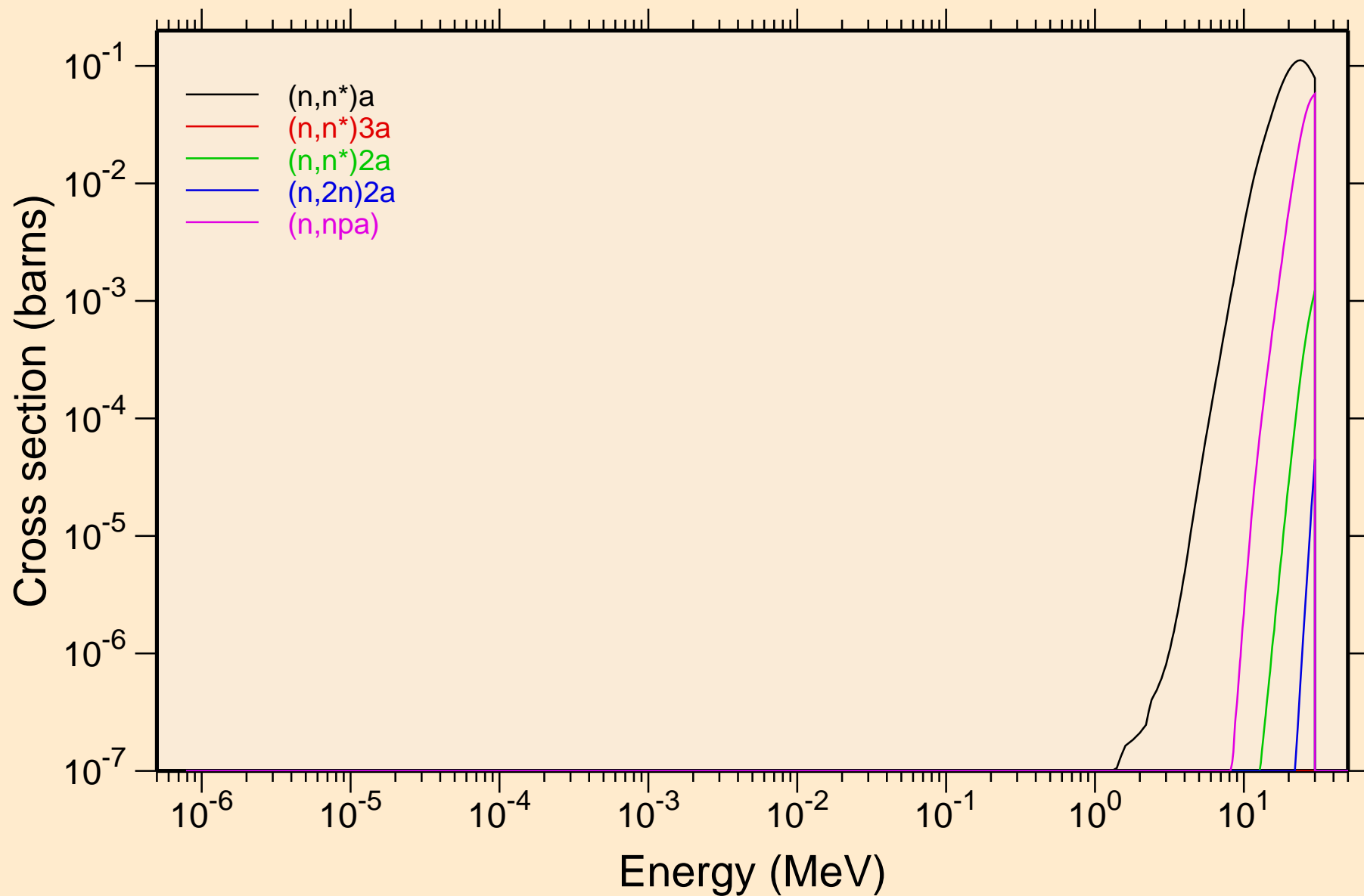
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



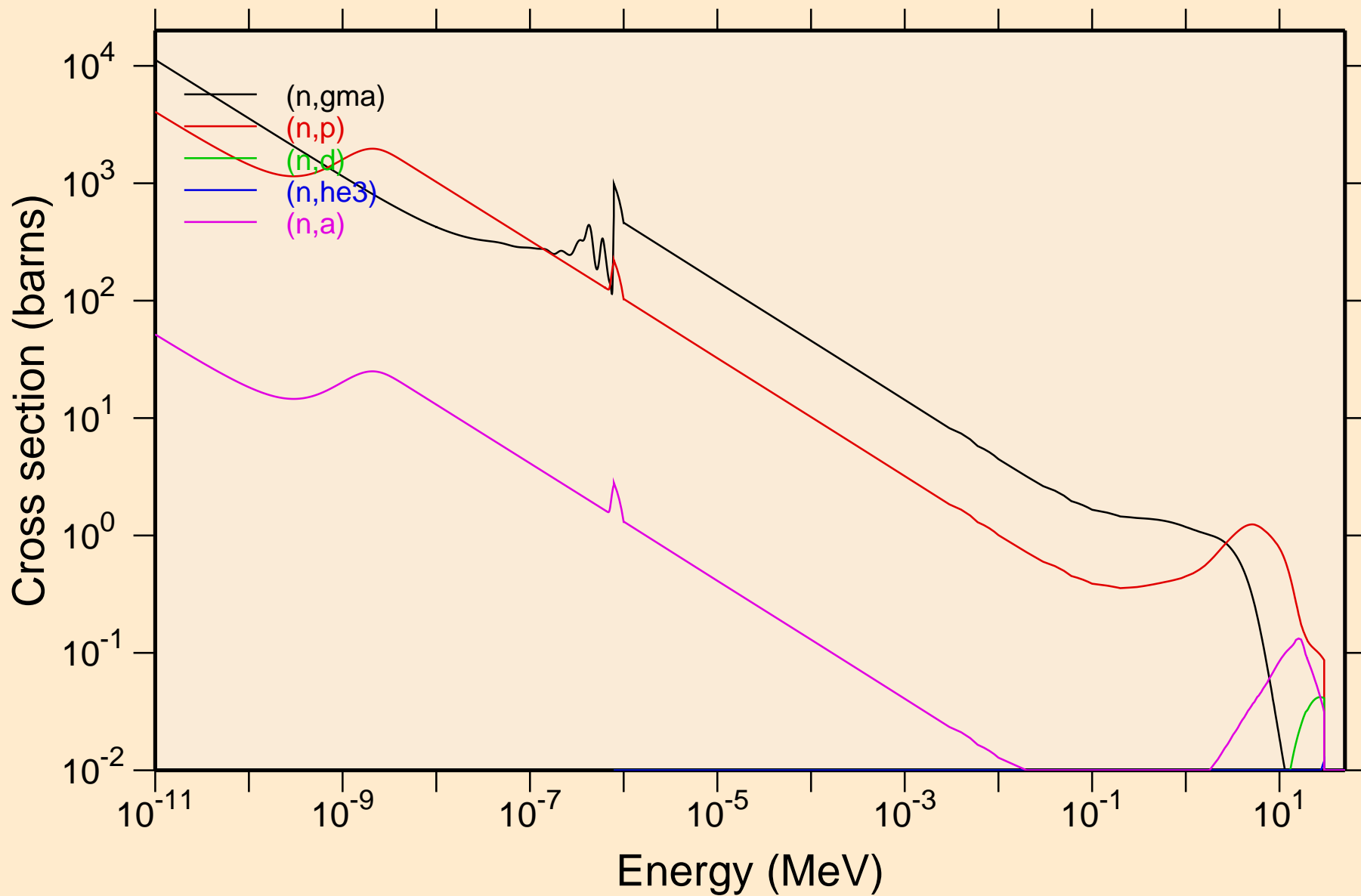
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Damage



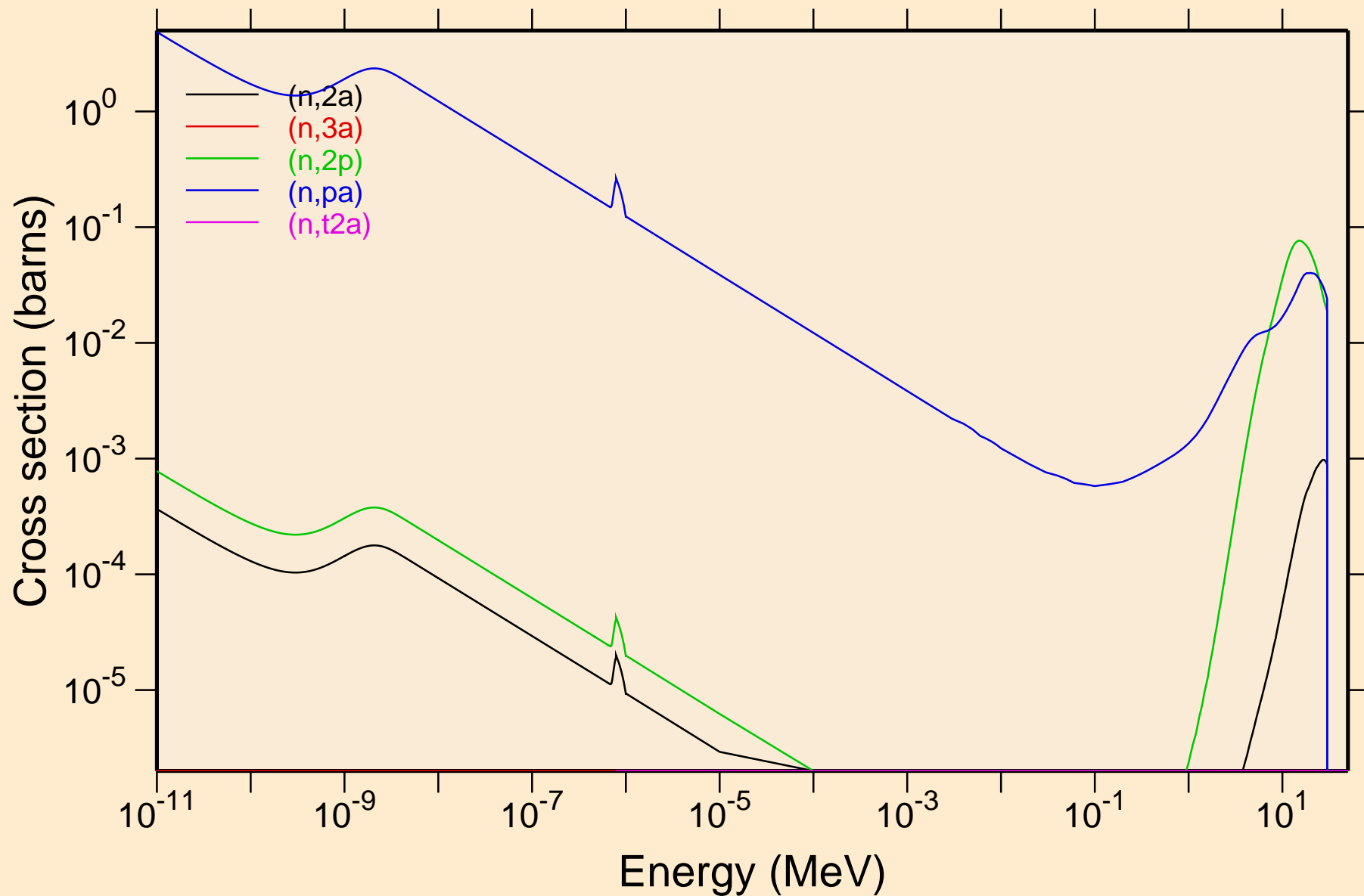
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



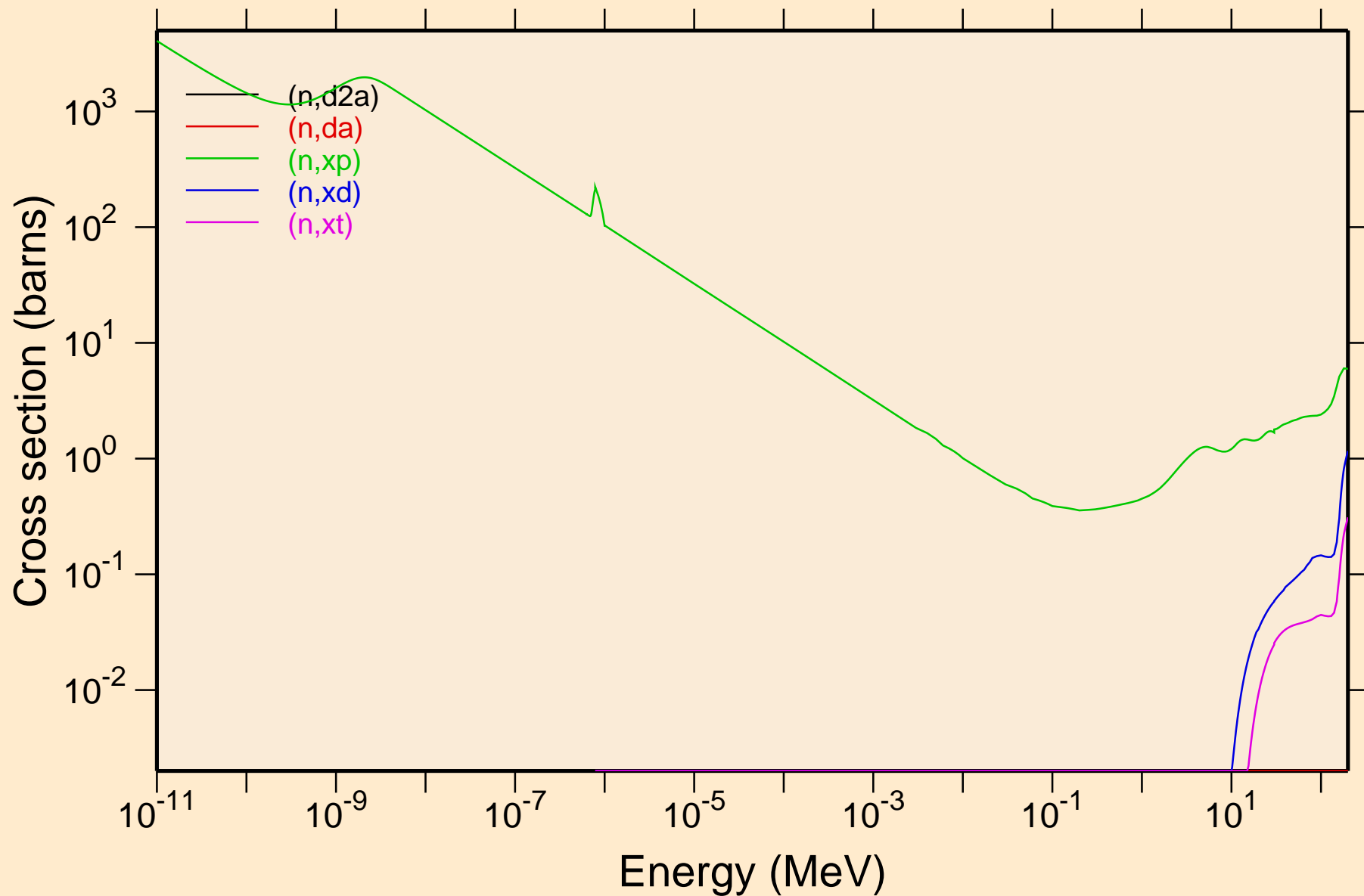
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Non-threshold reactions



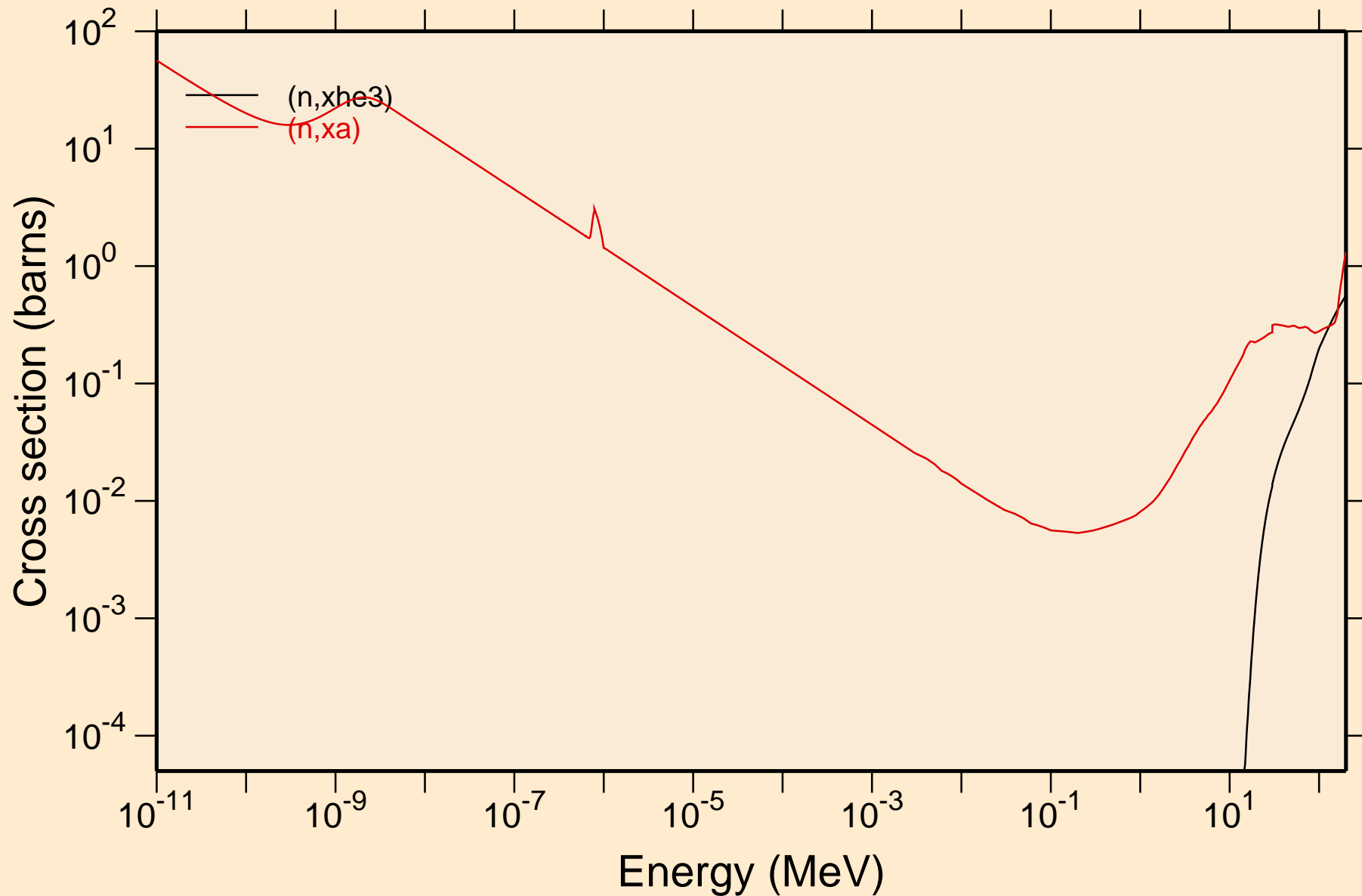
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Non-threshold reactions



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

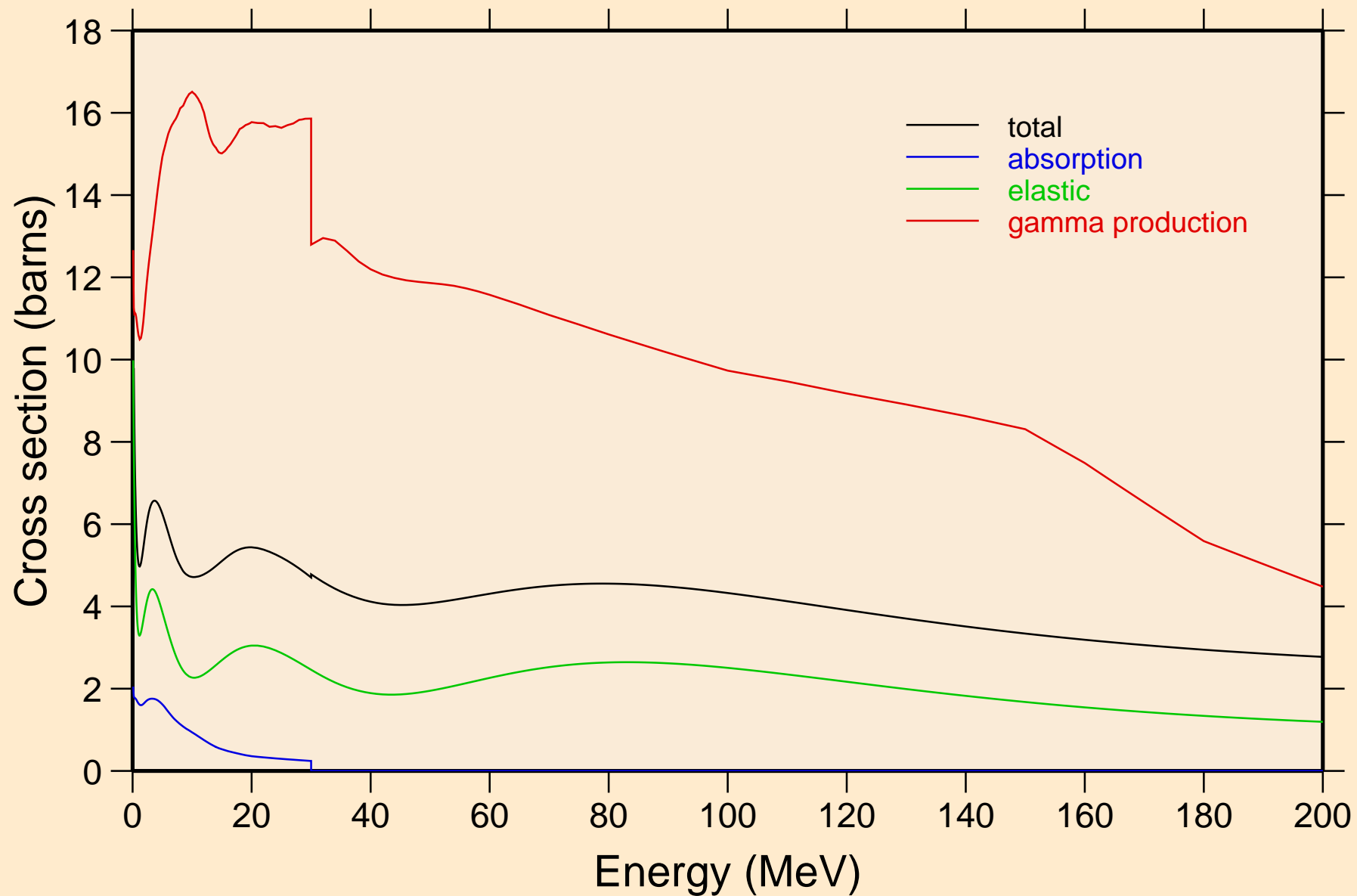


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

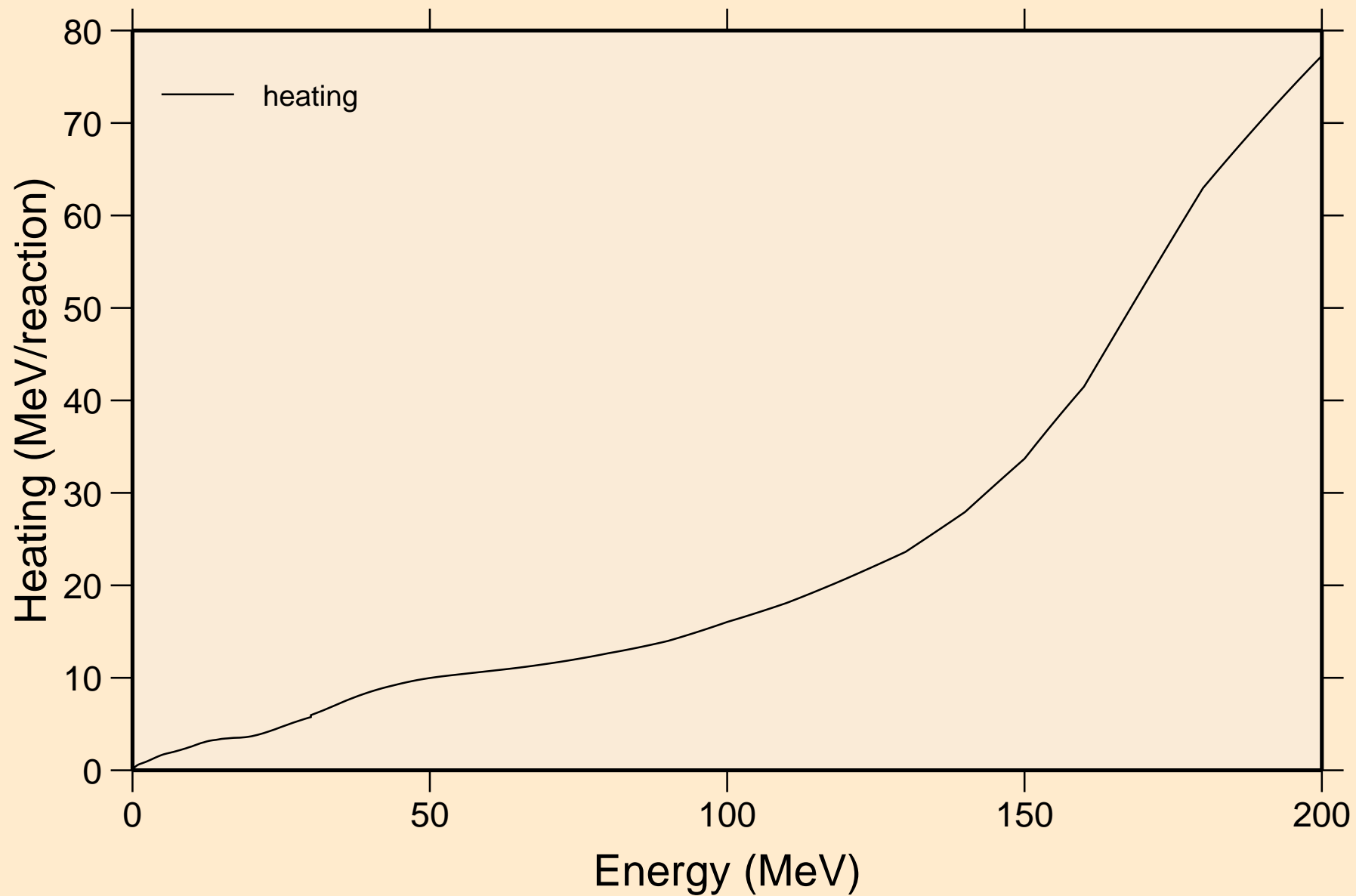




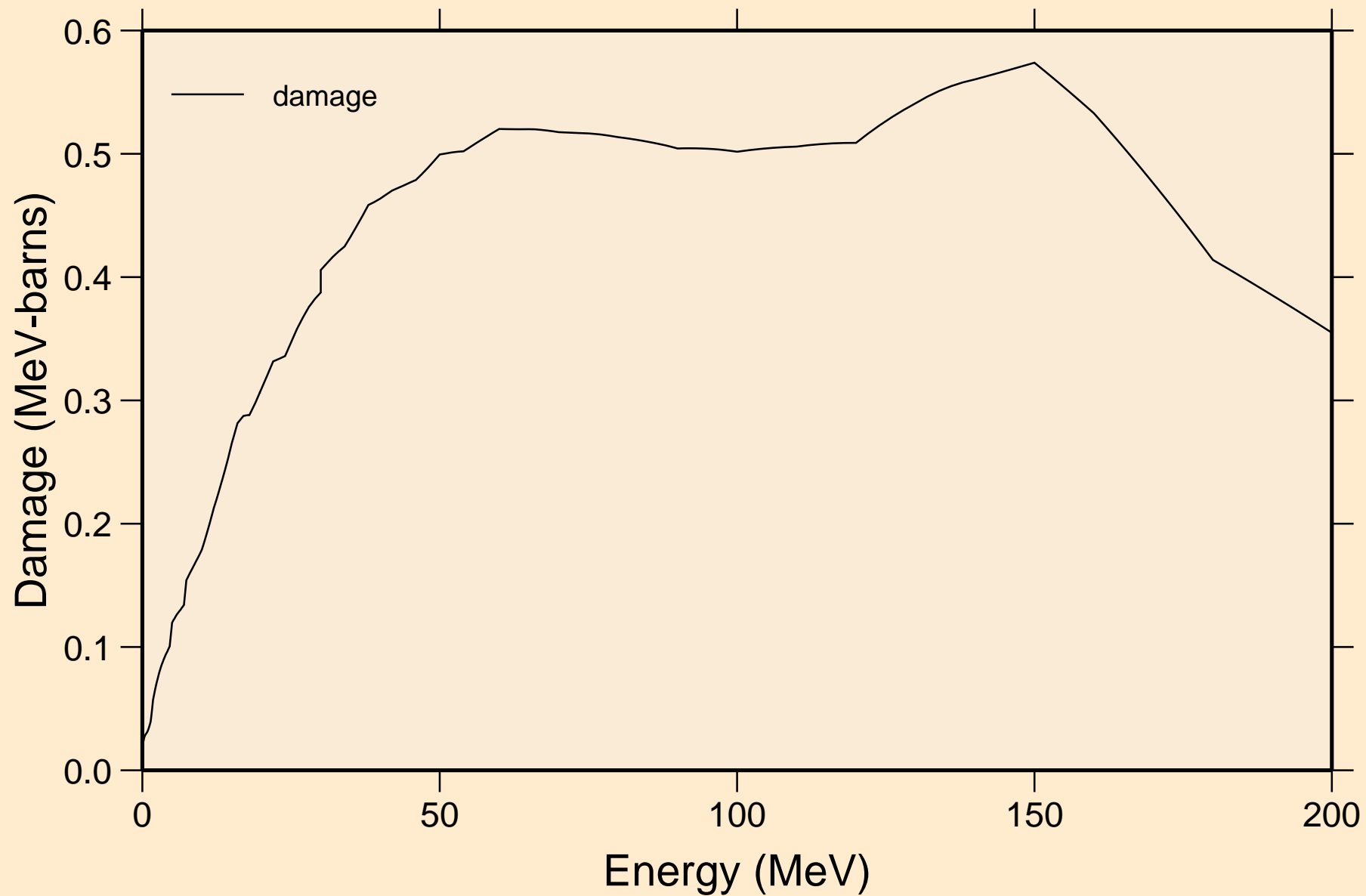
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Principal cross sections



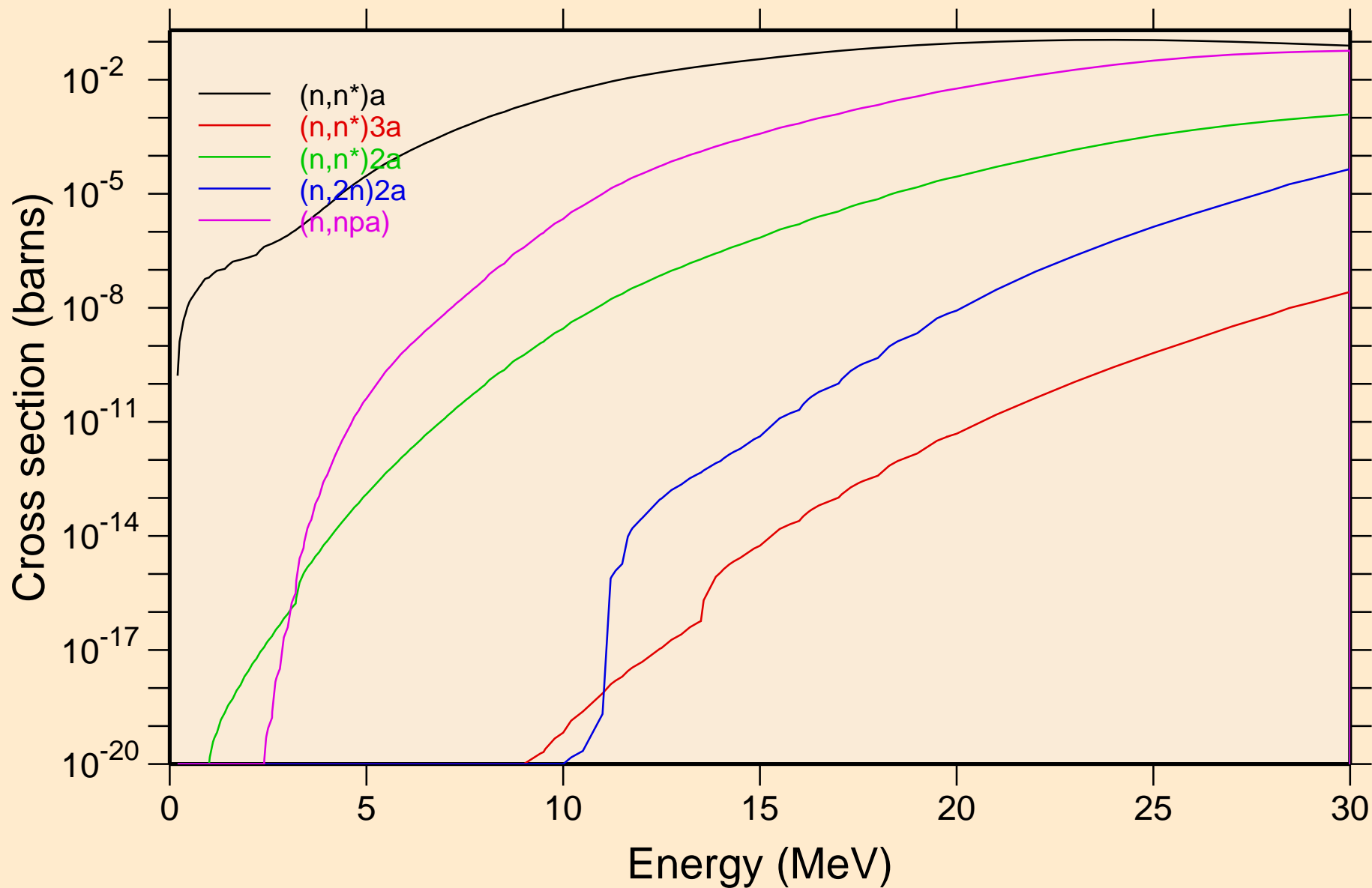
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Heating



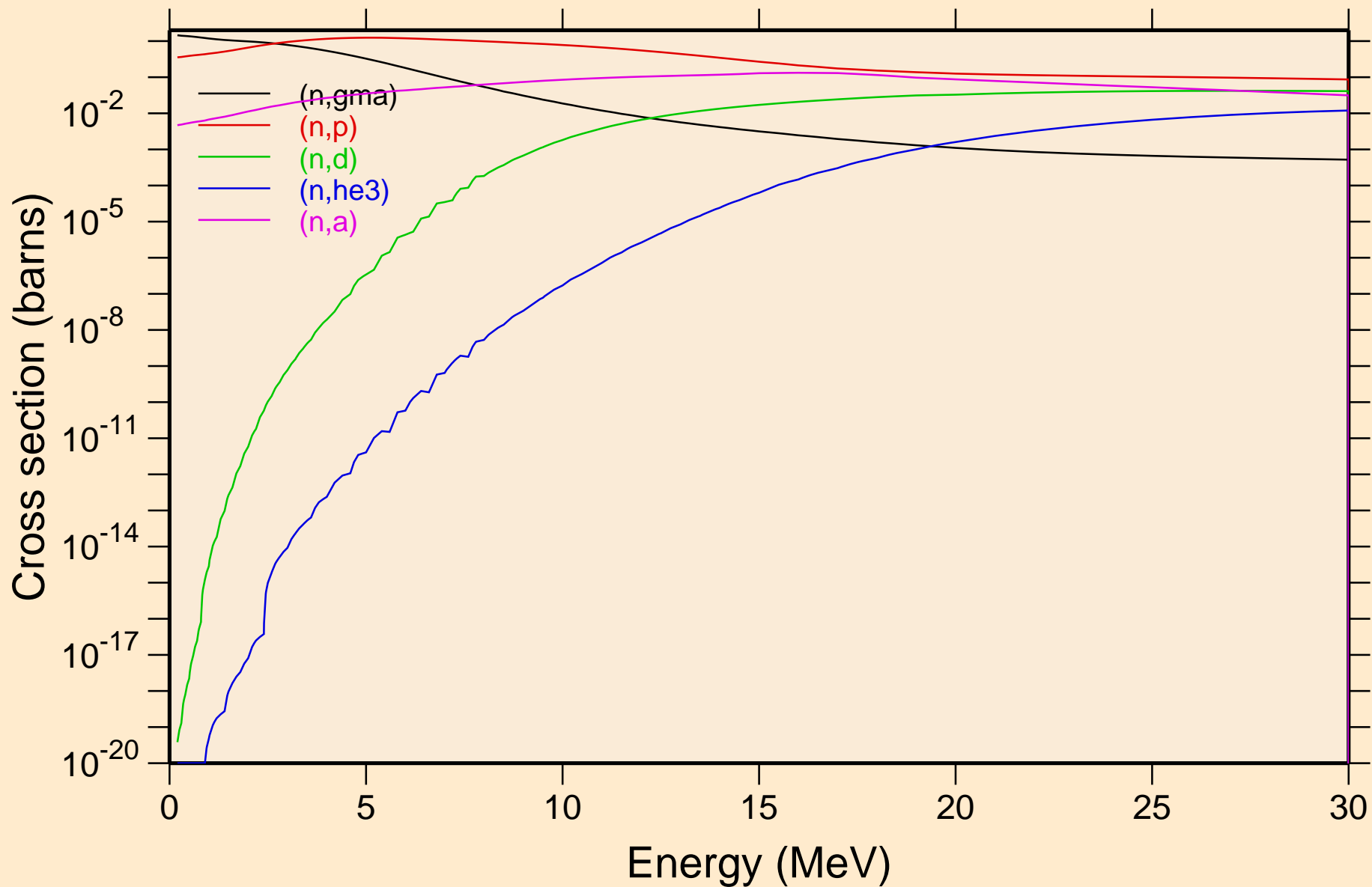
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Damage



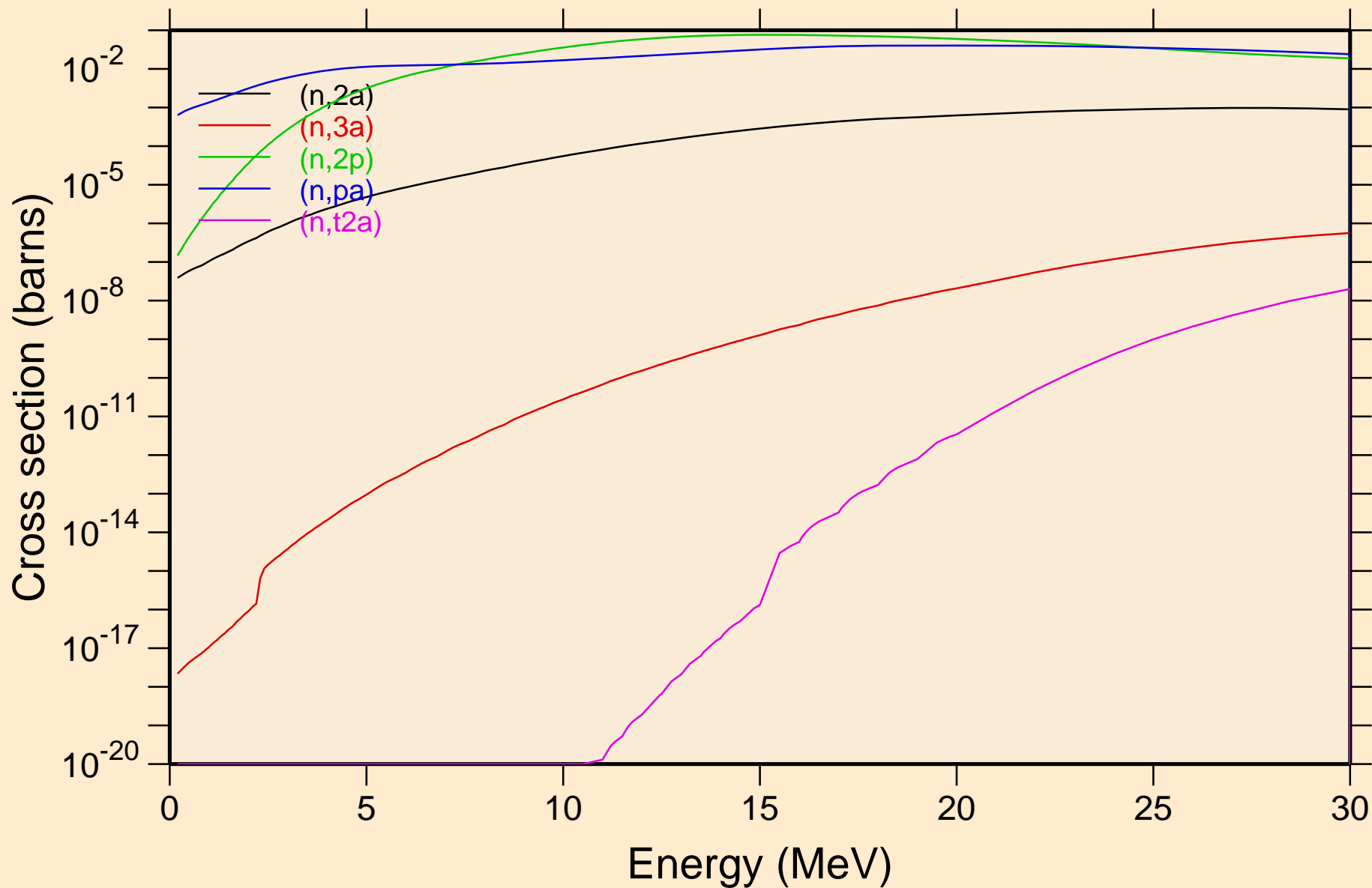
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Non-threshold reactions



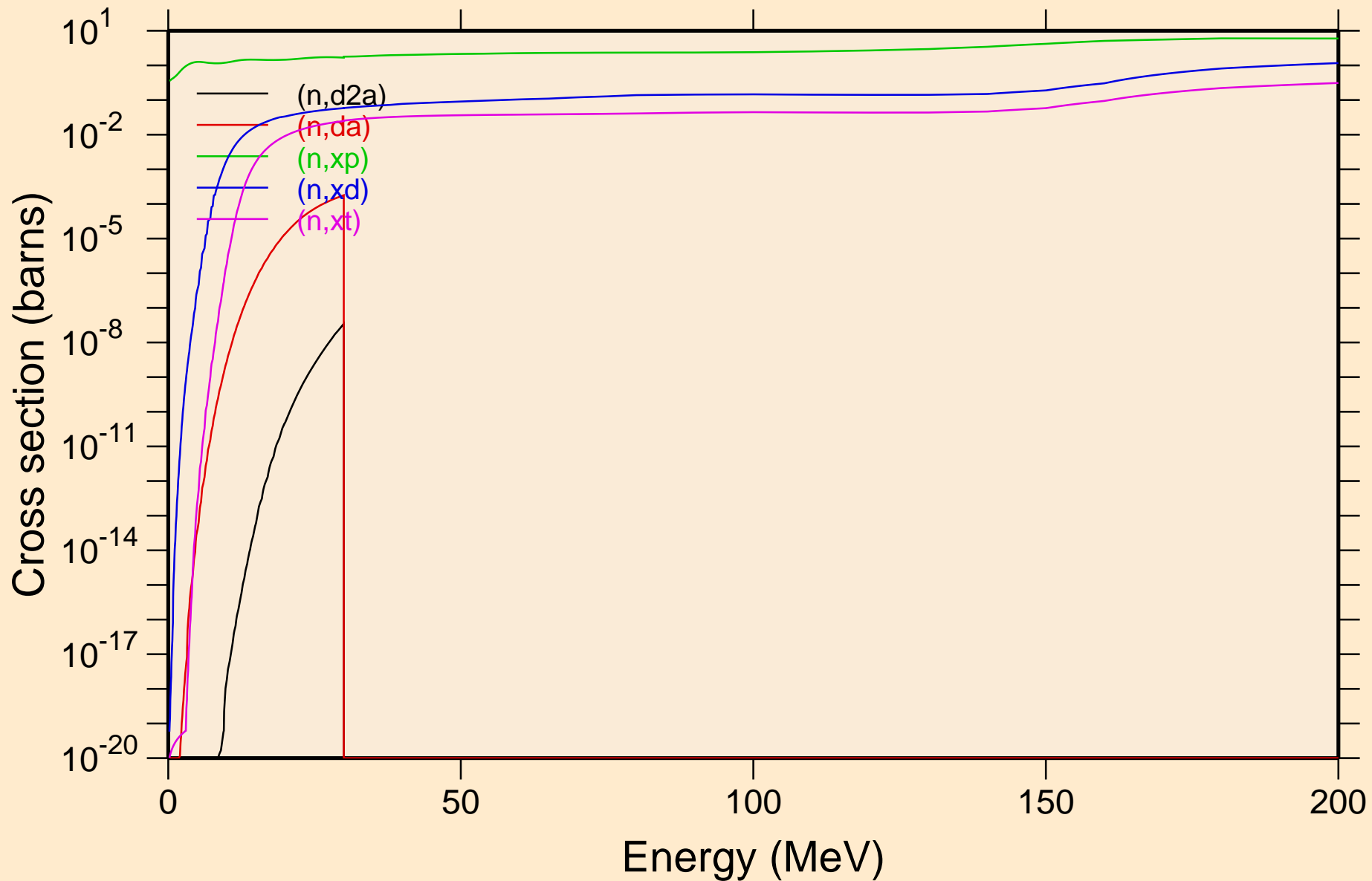
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Non-threshold reactions



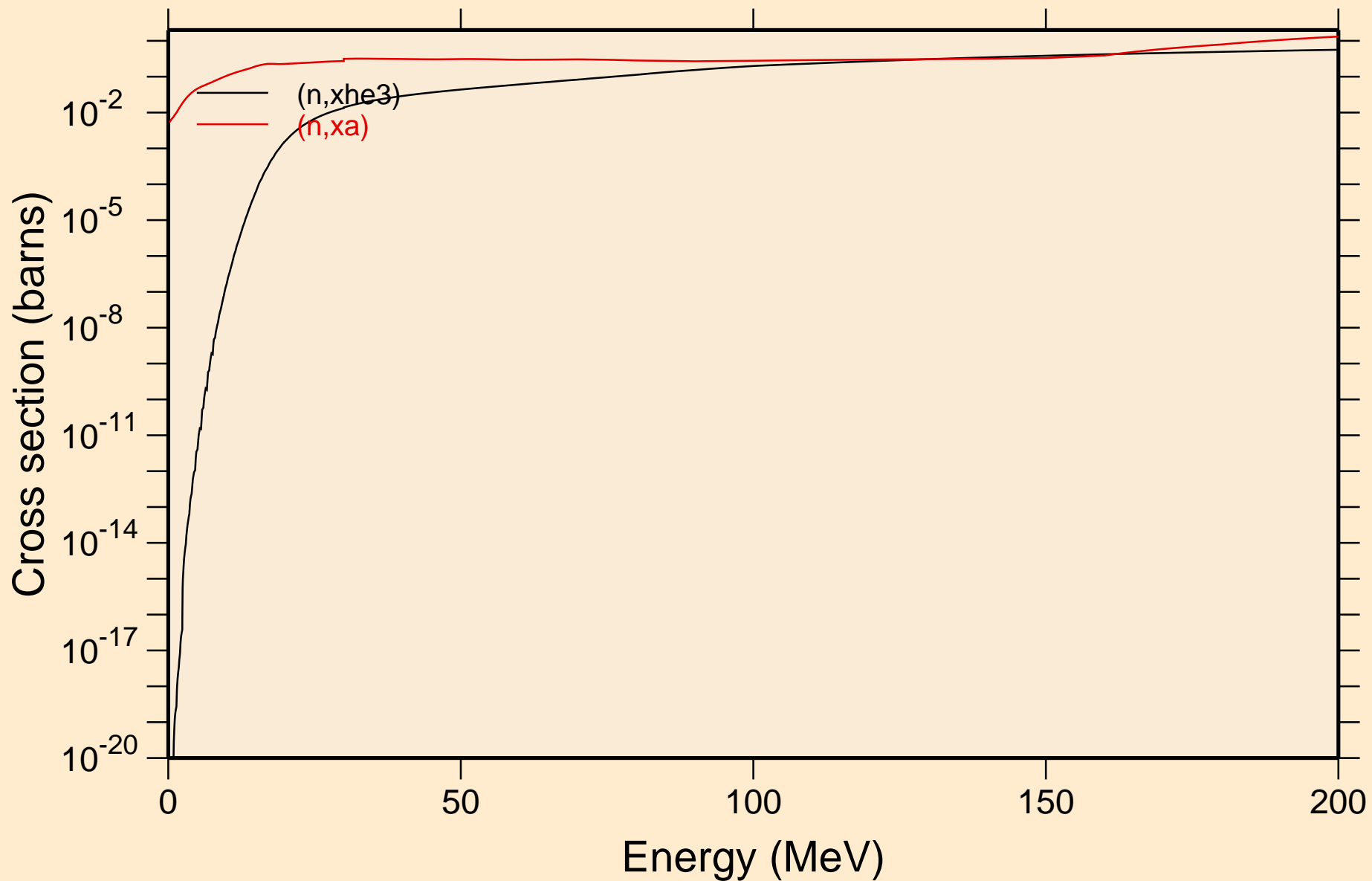
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Non-threshold reactions



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

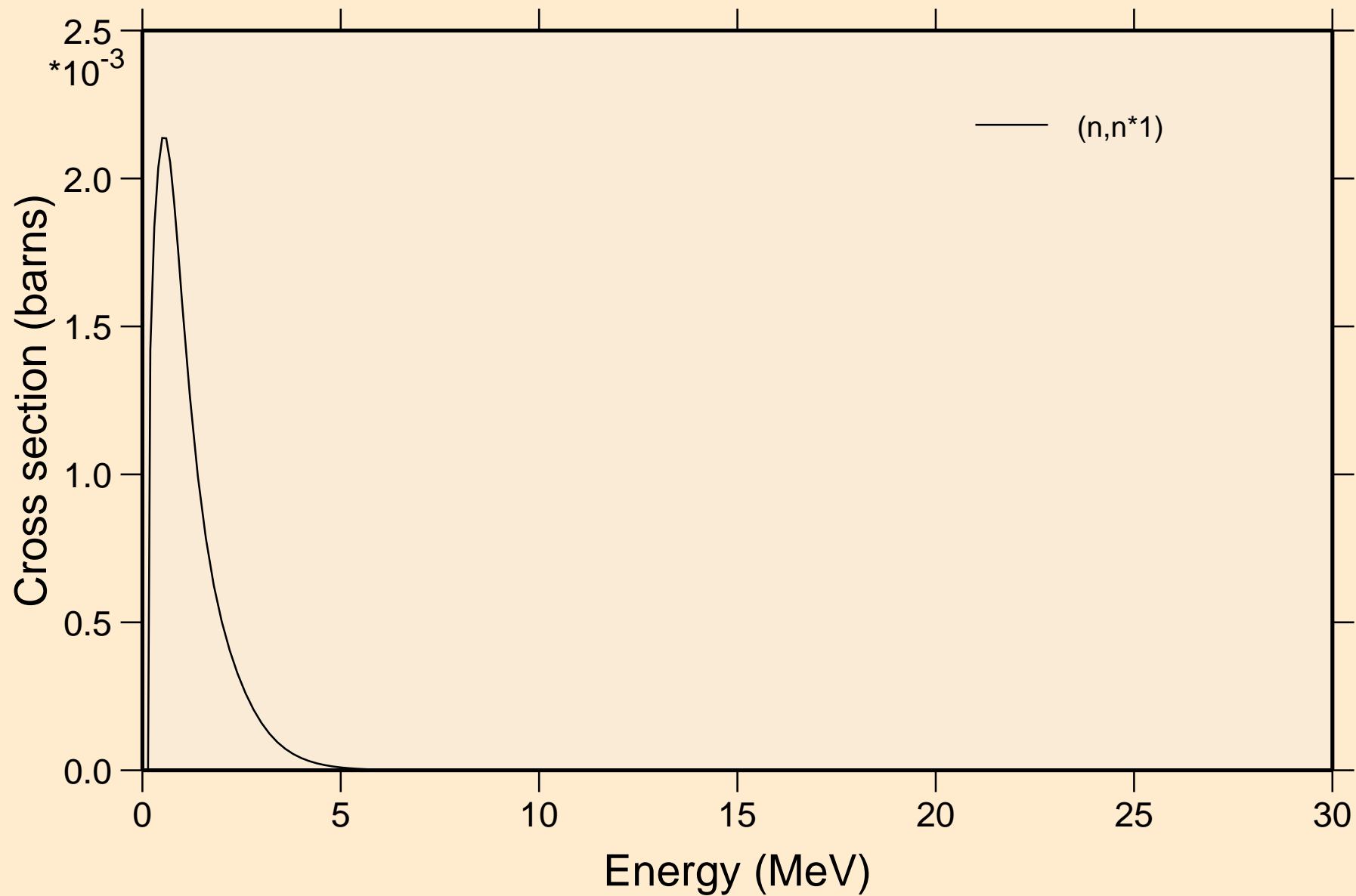


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

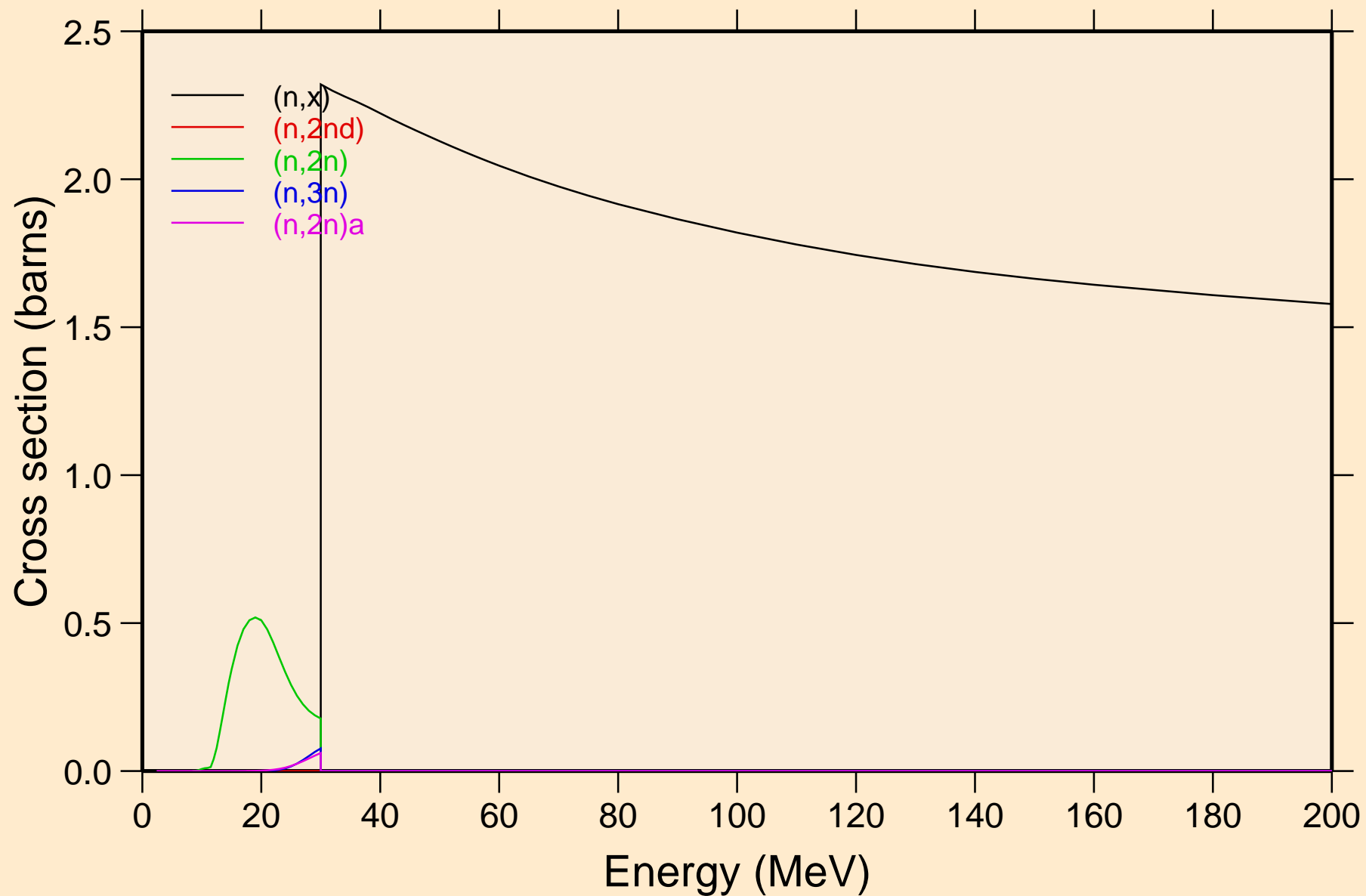




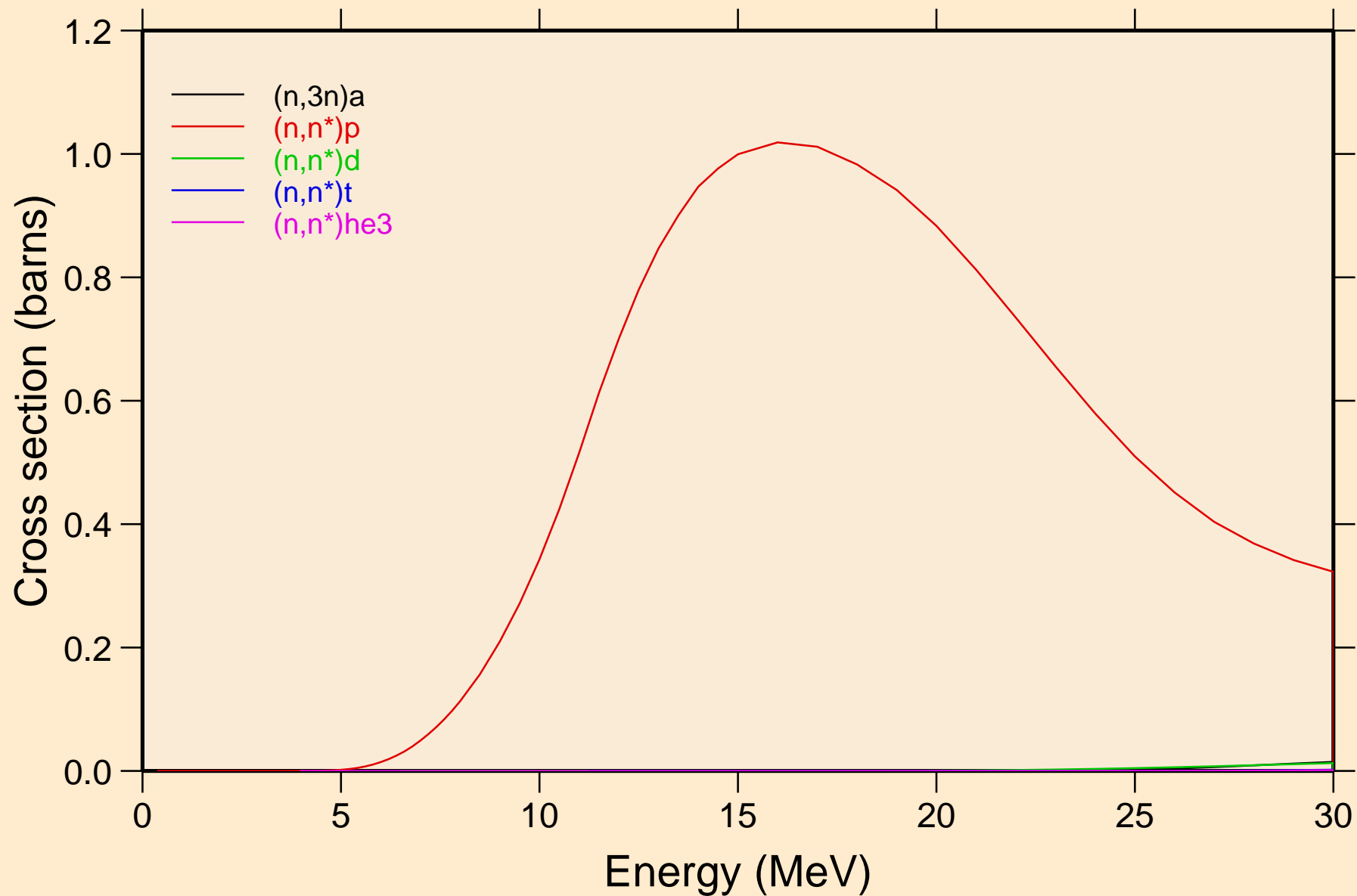
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



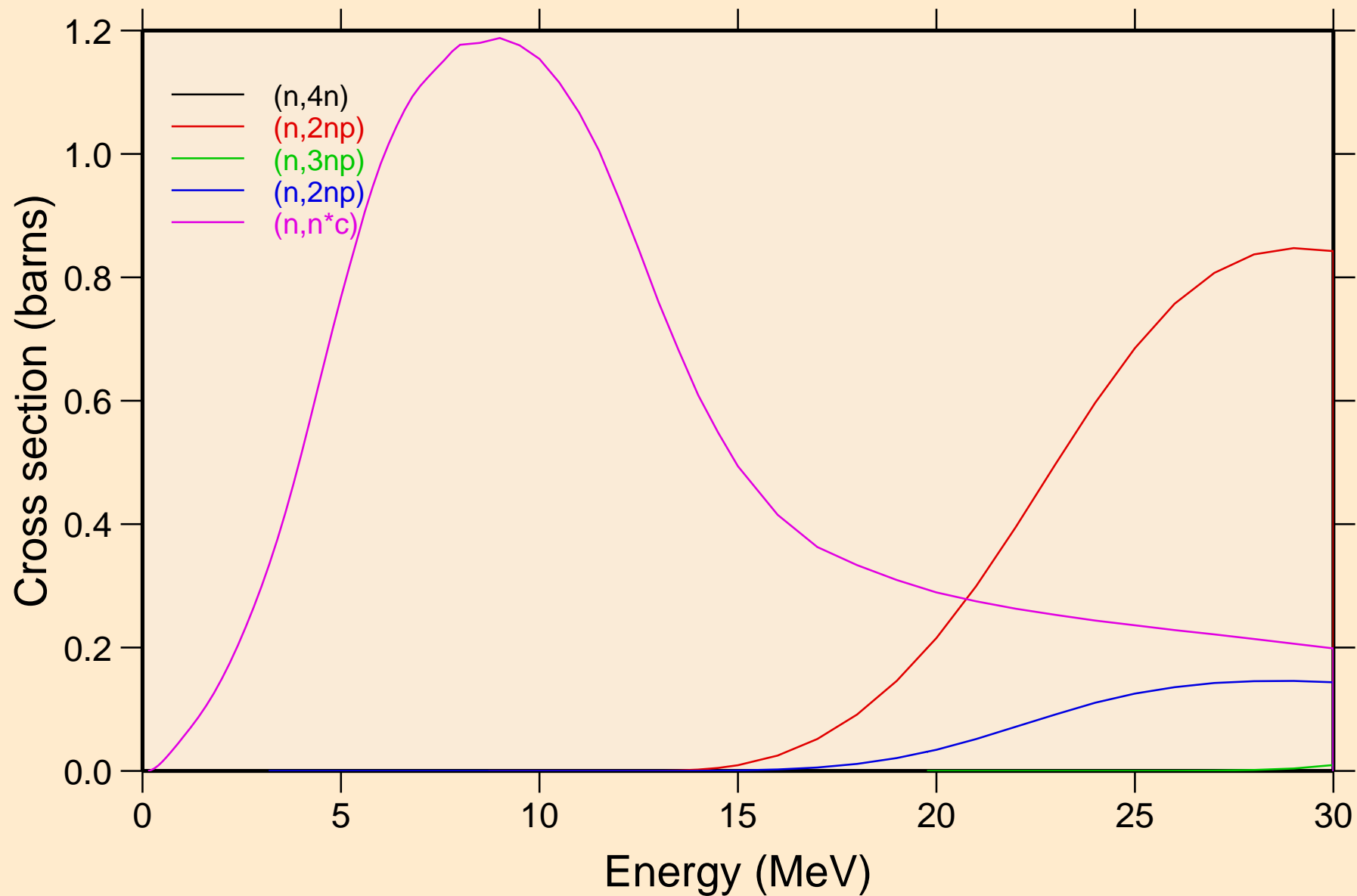
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



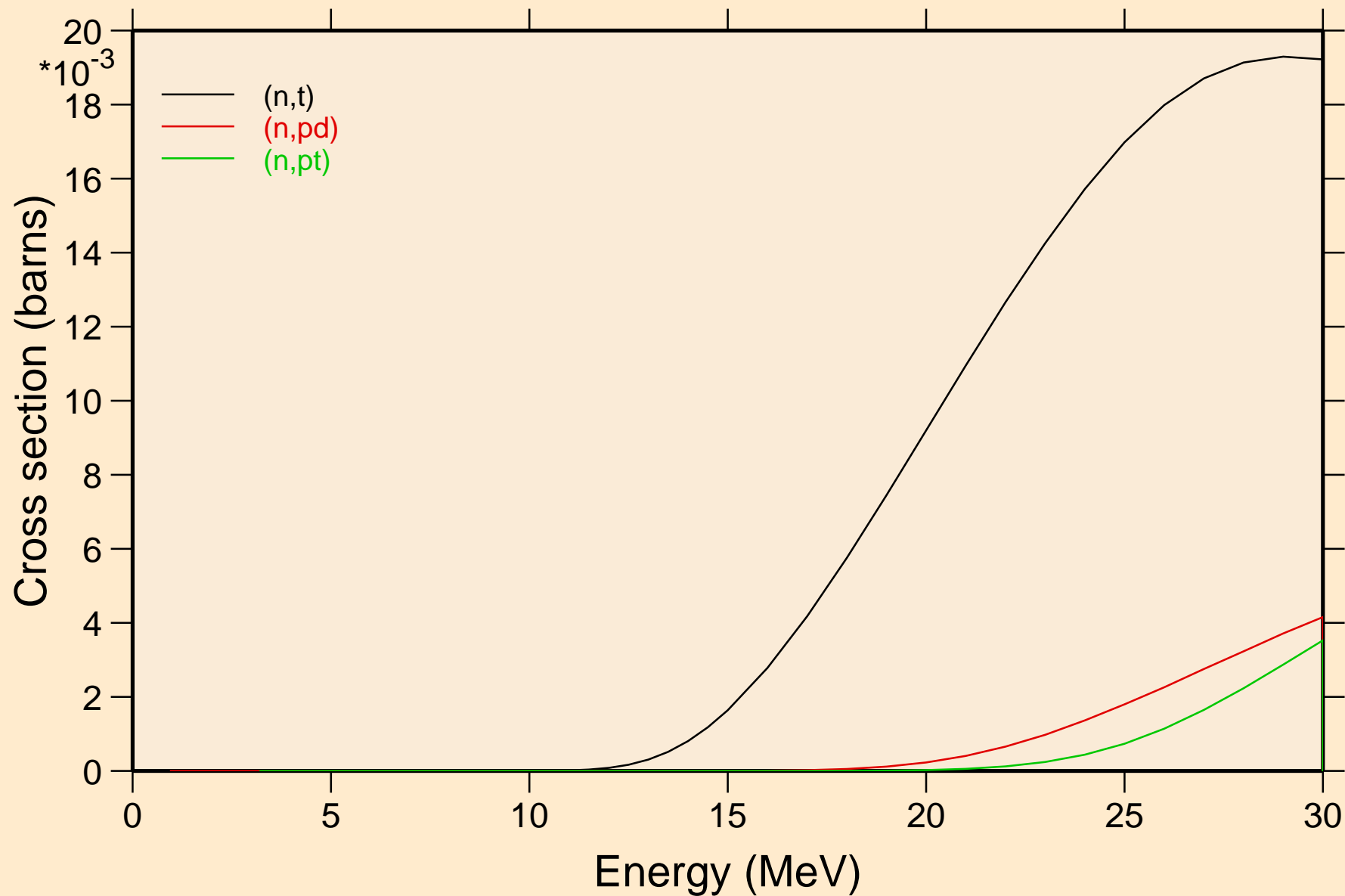
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



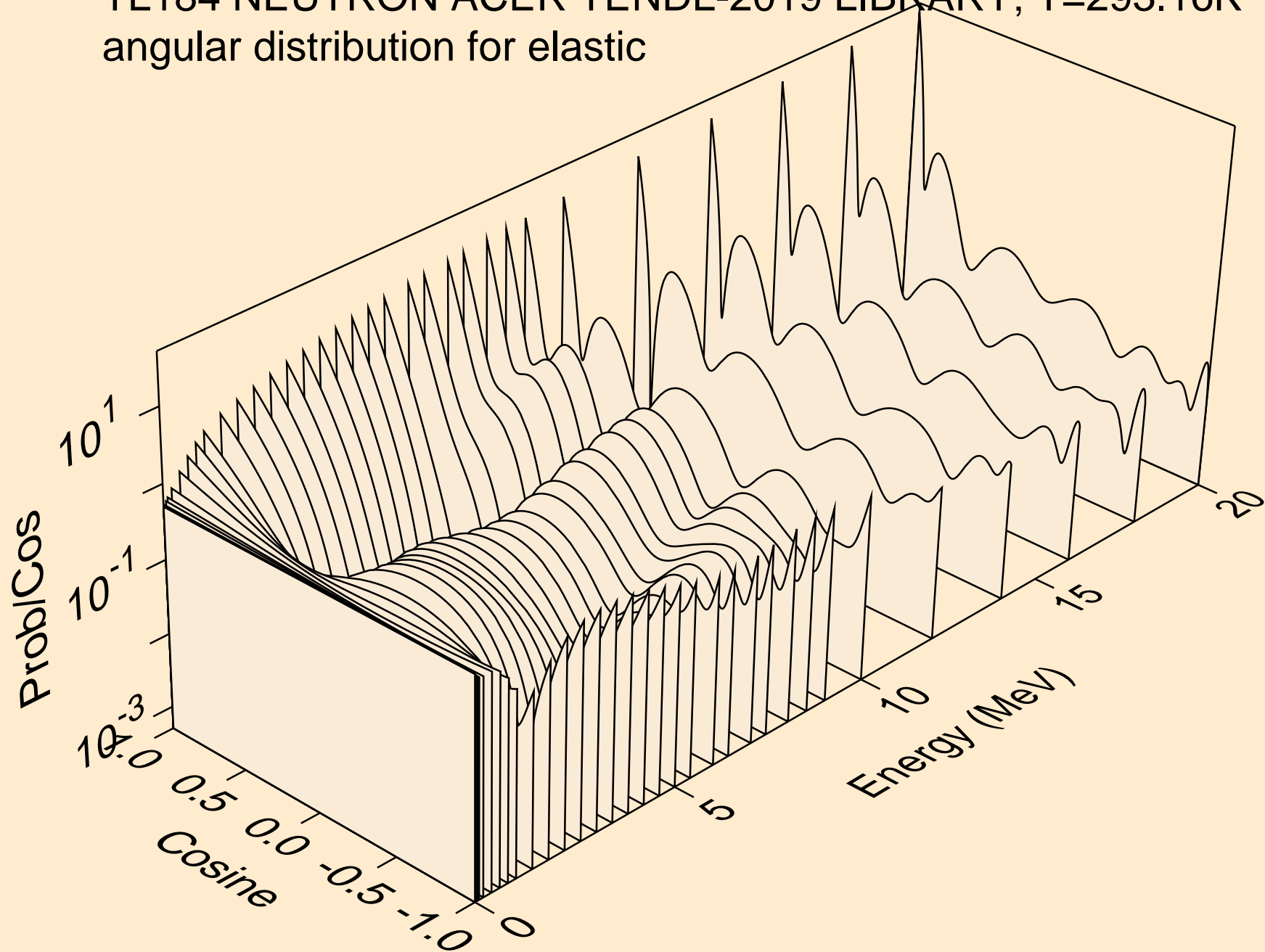
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



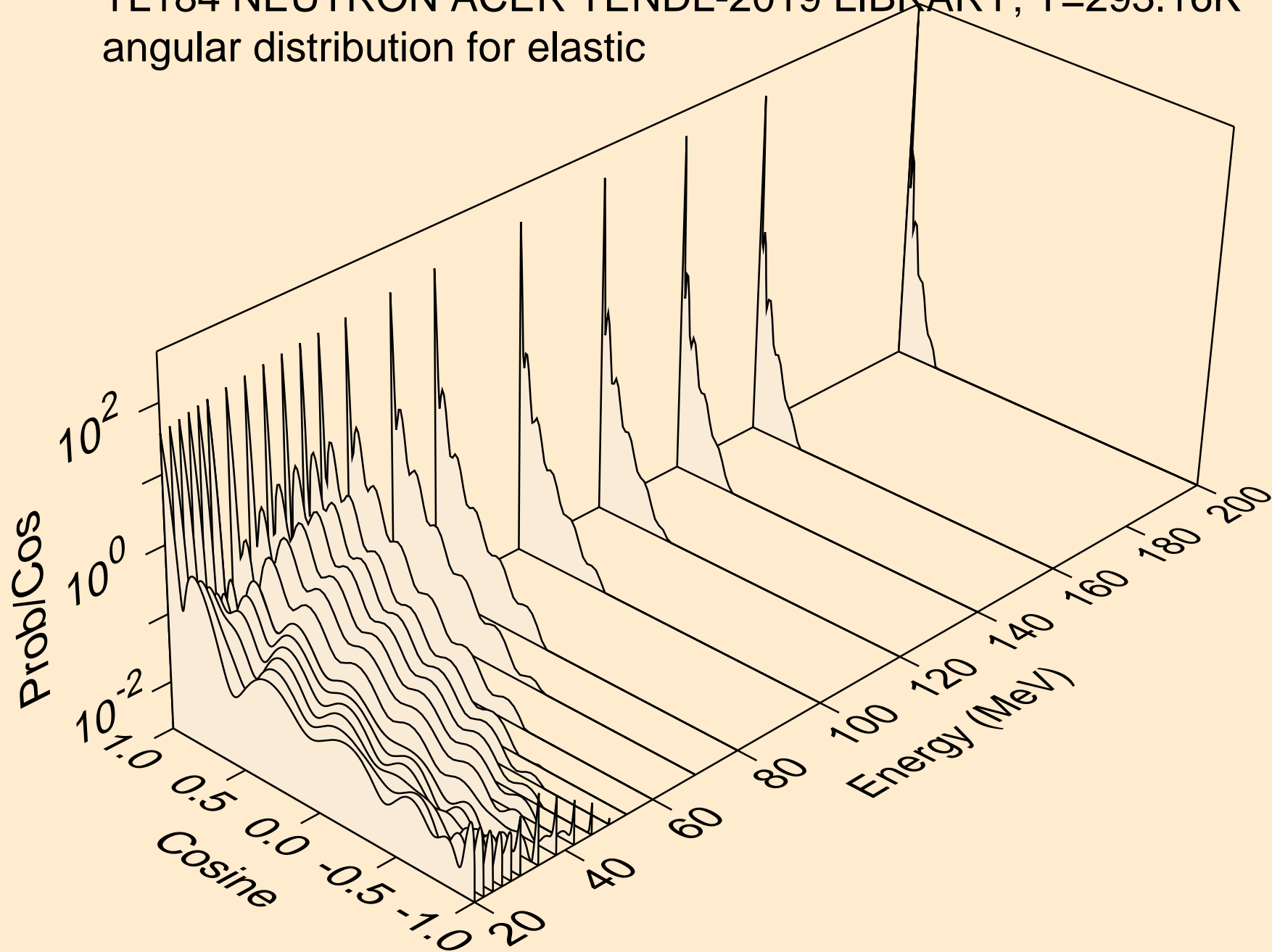
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Threshold reactions



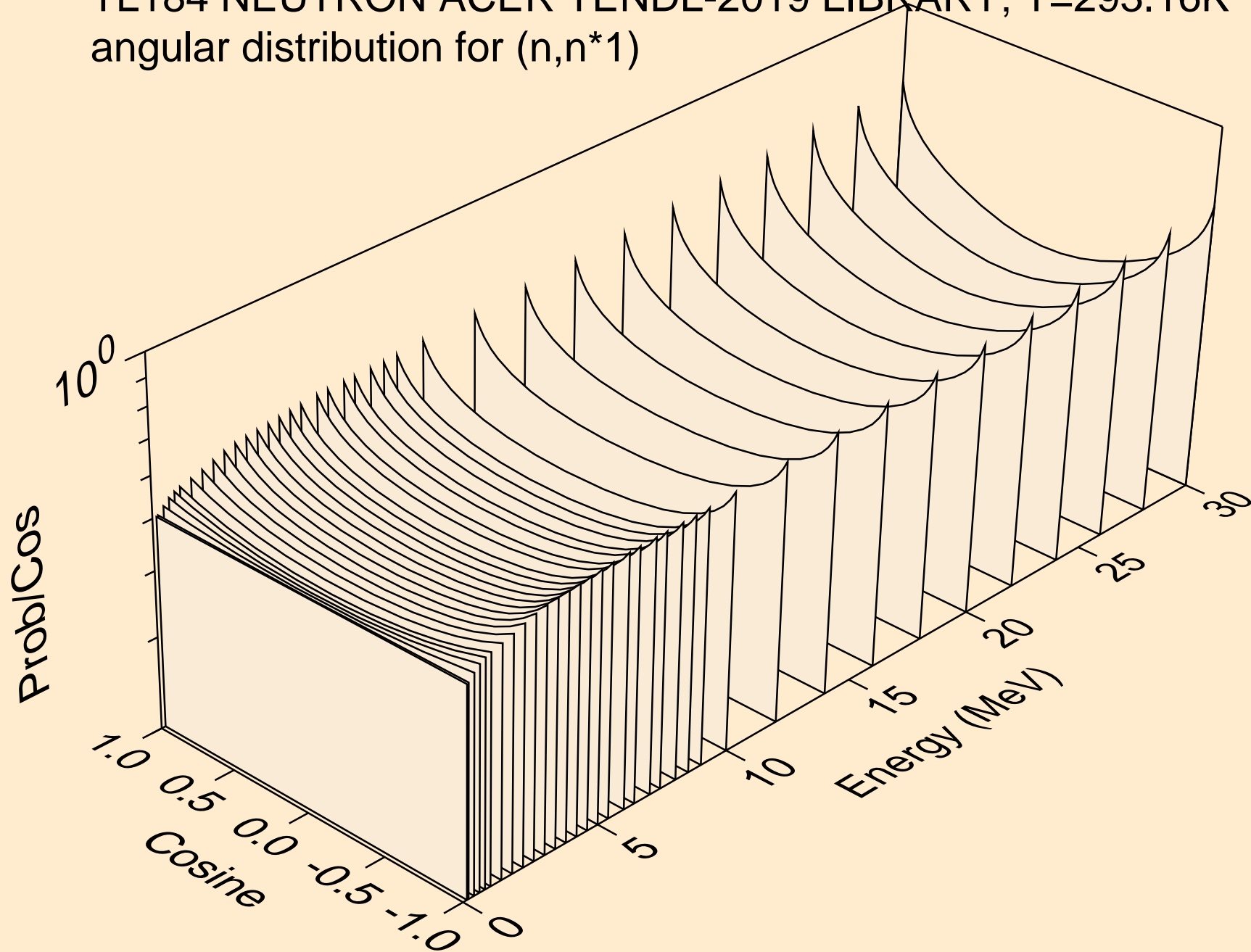
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

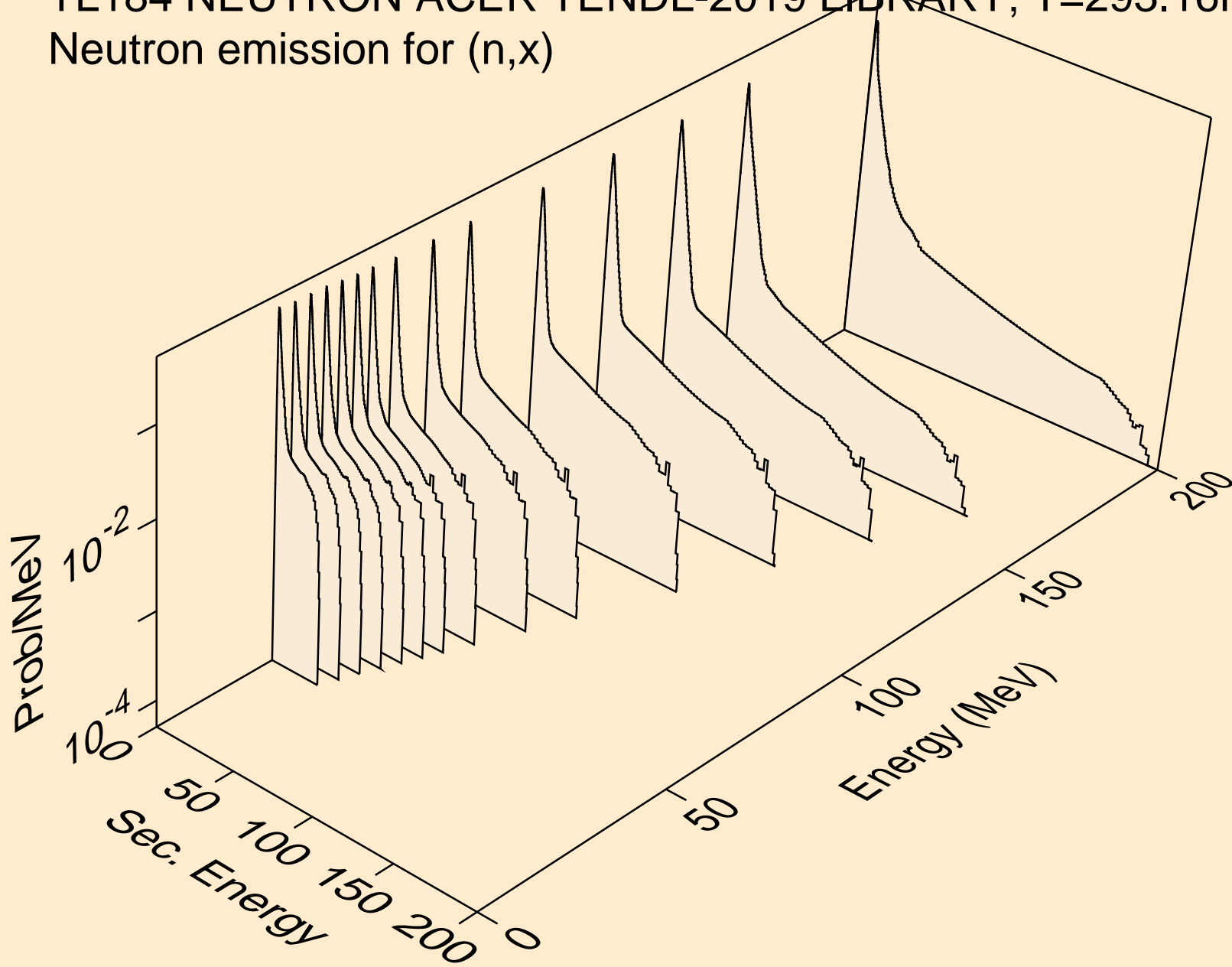


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

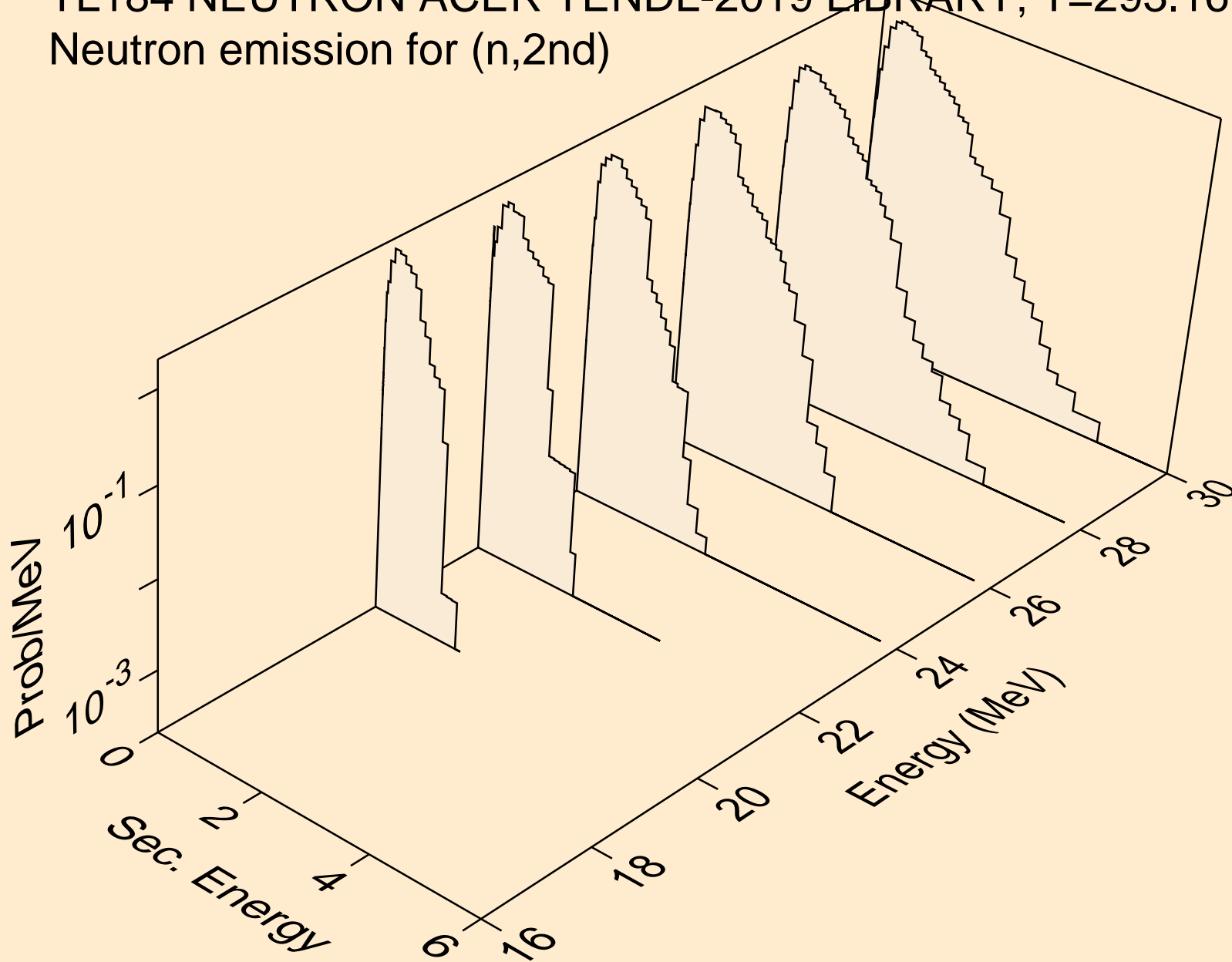




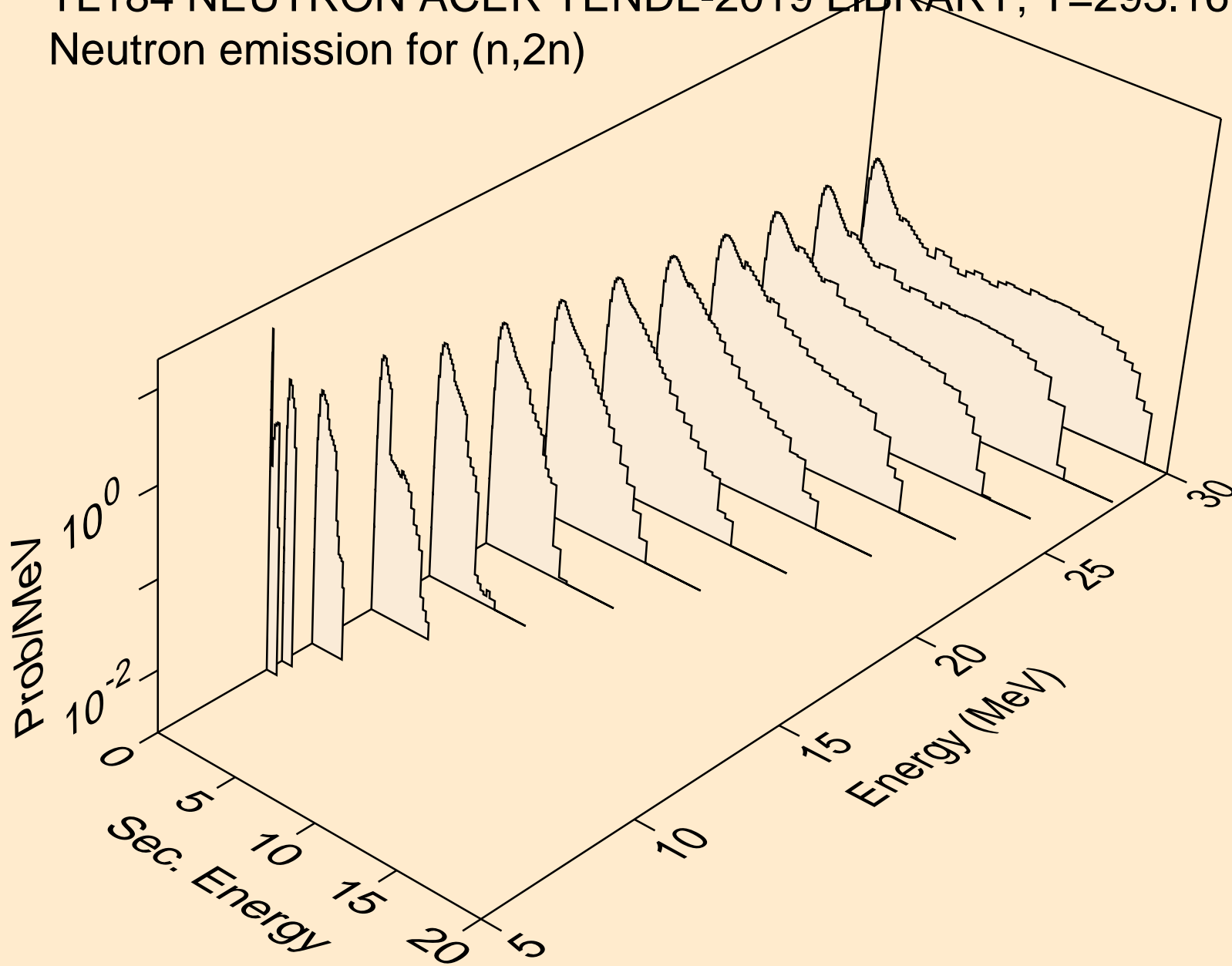
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



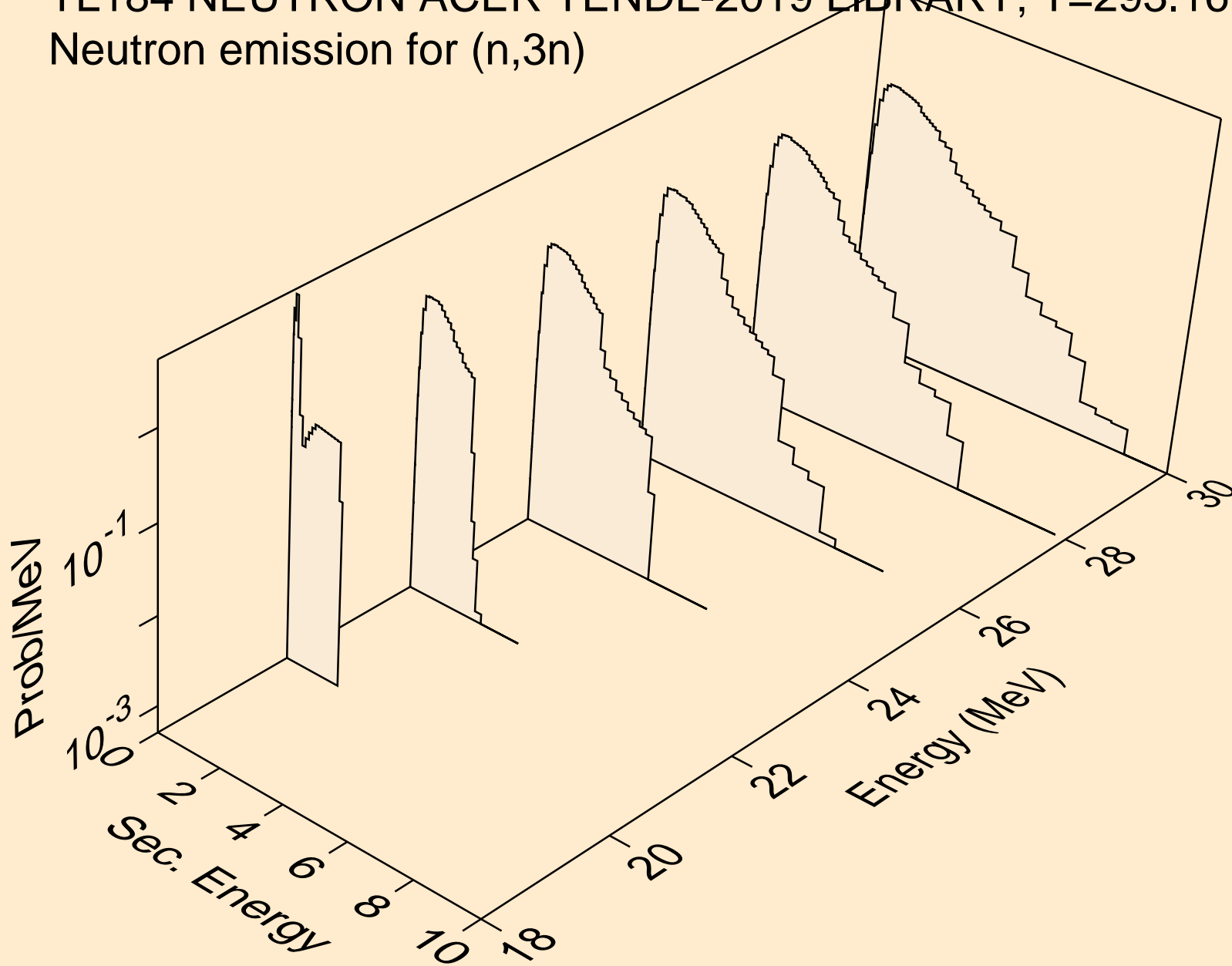
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



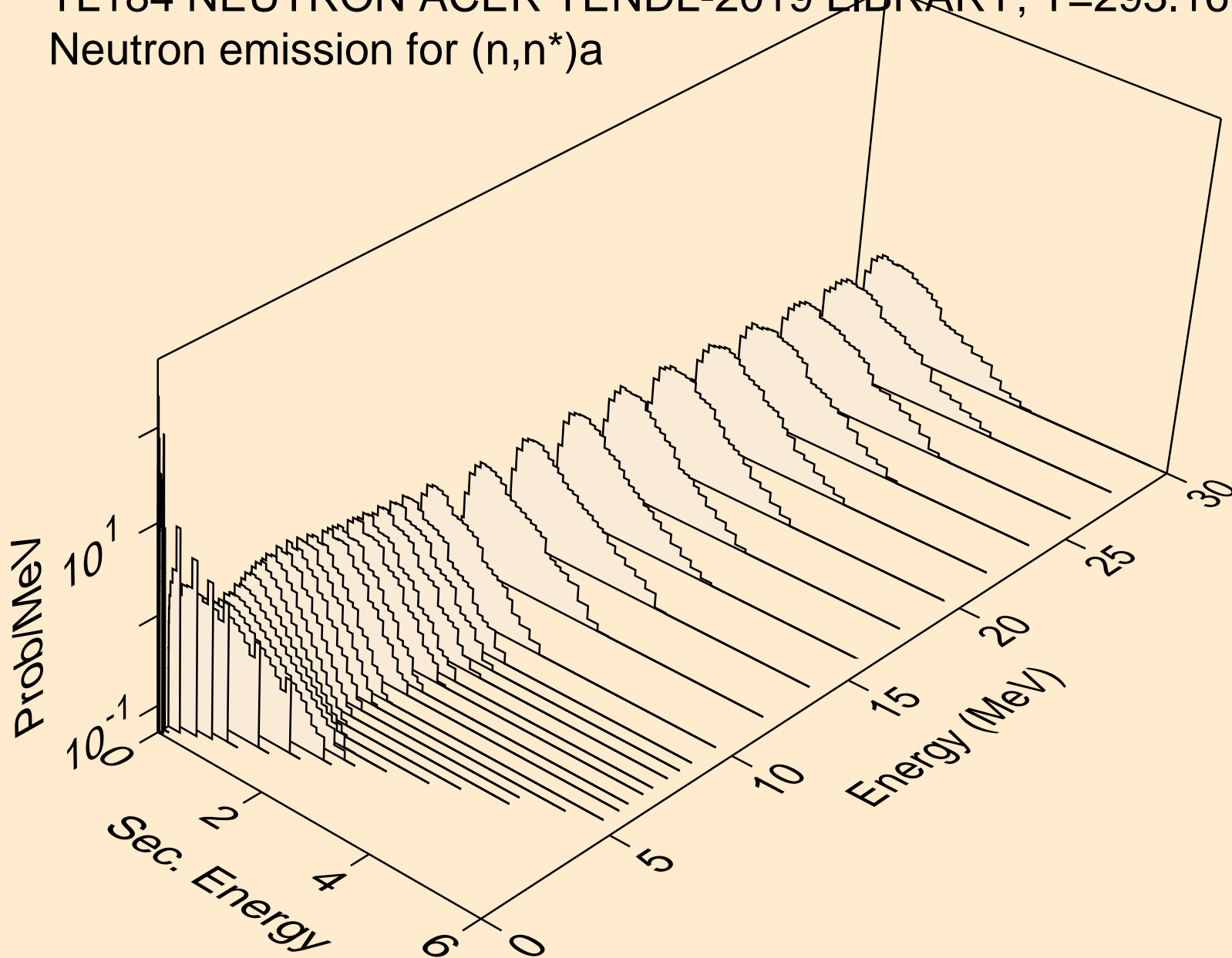
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



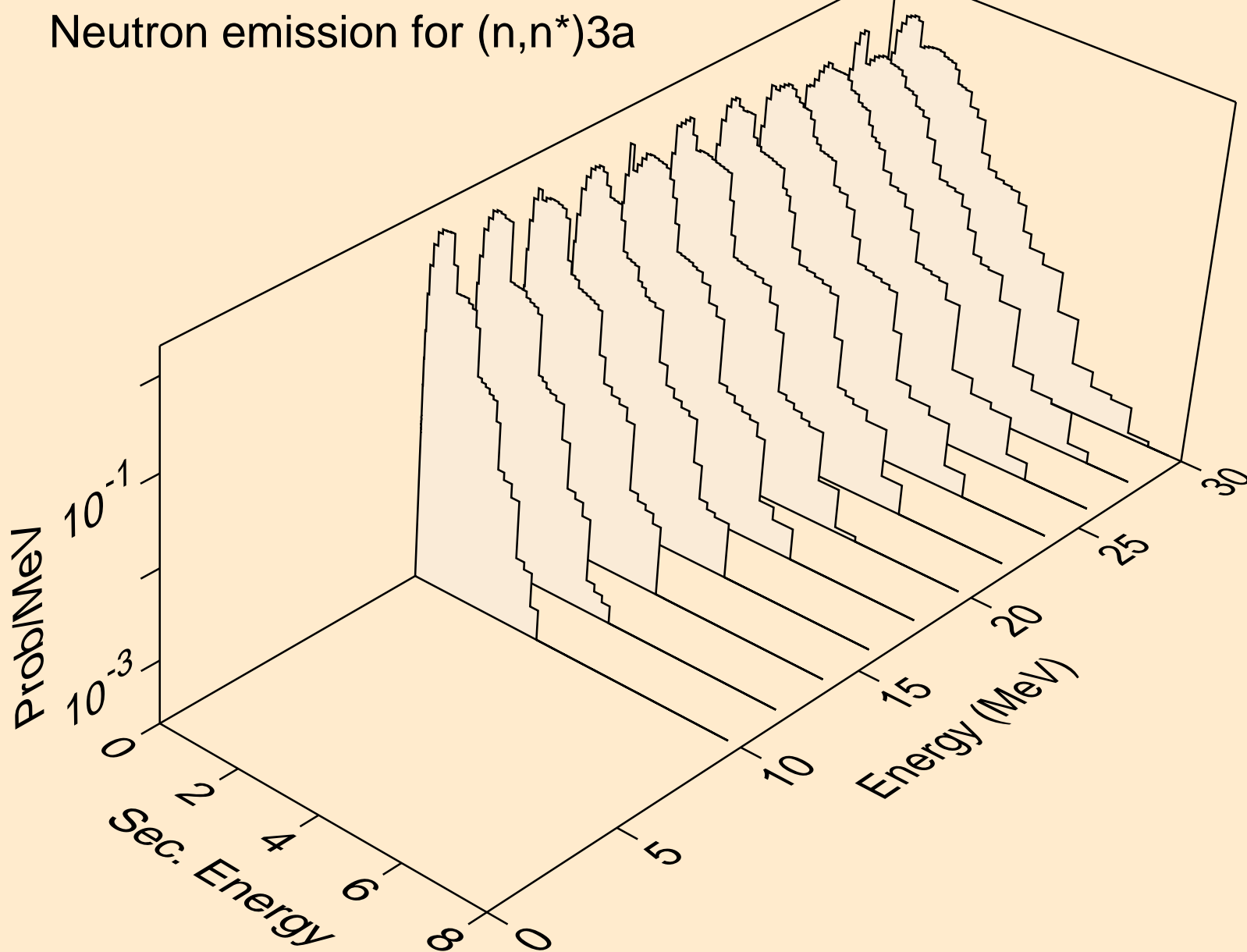
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



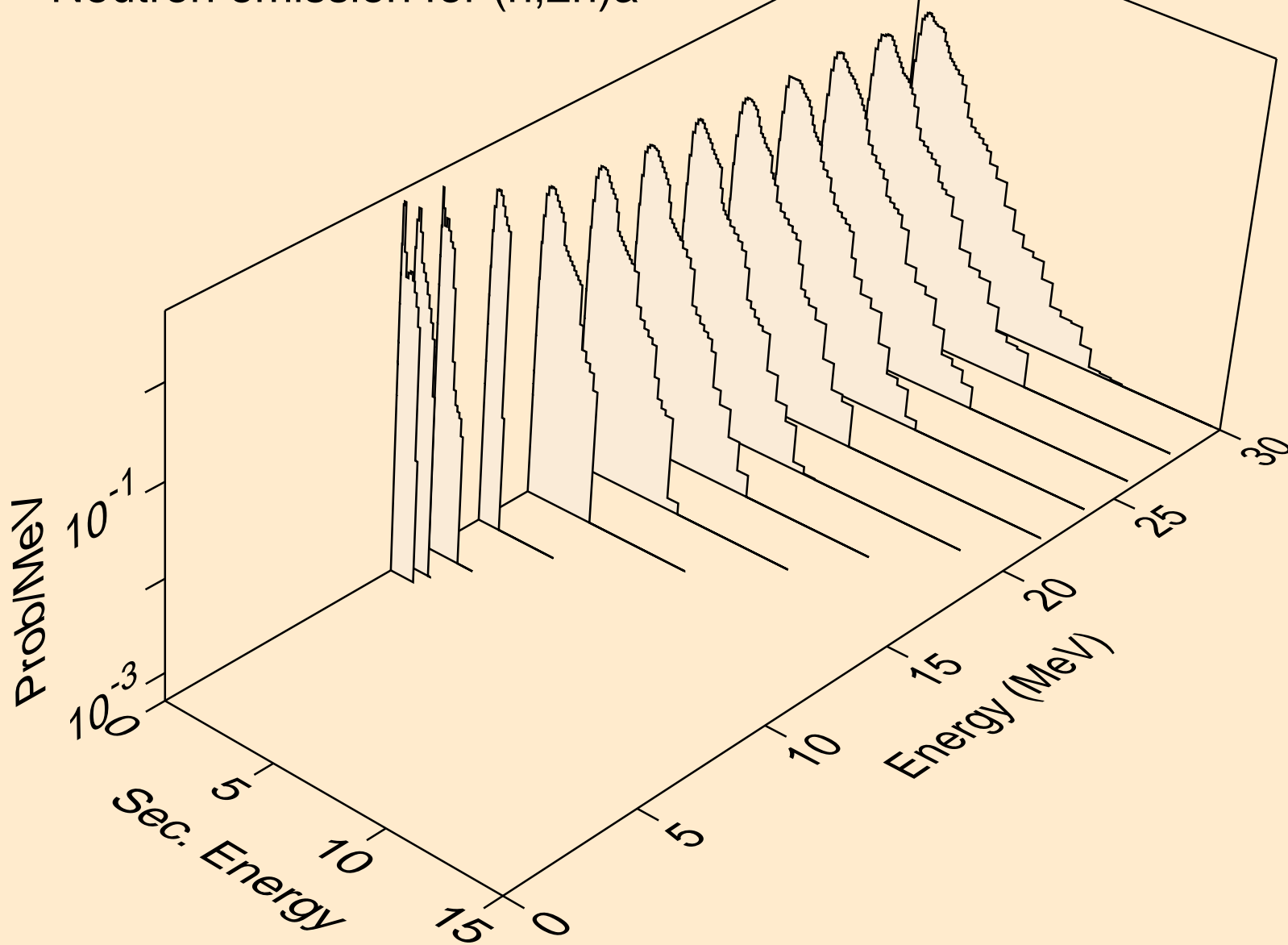
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



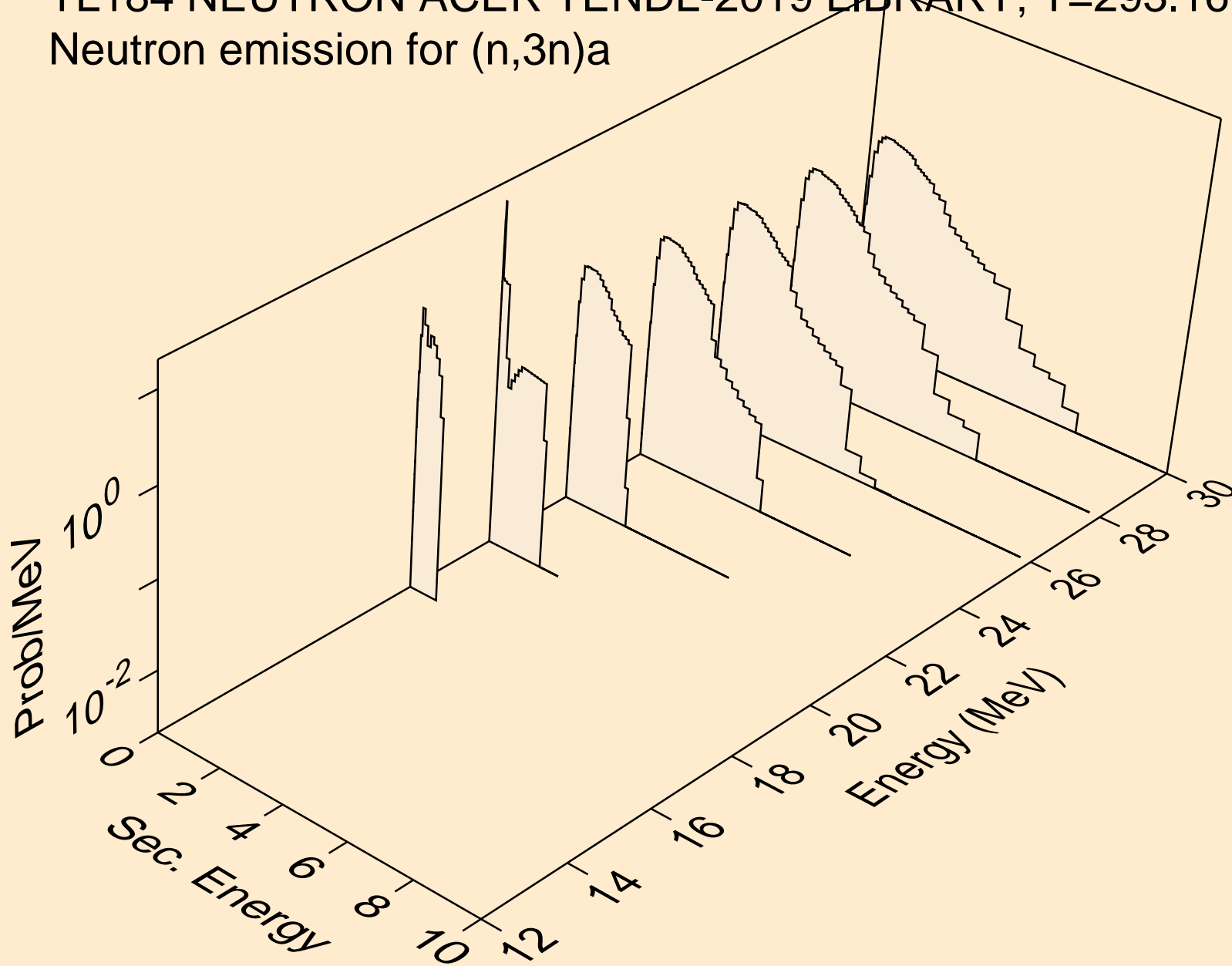
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)3a



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

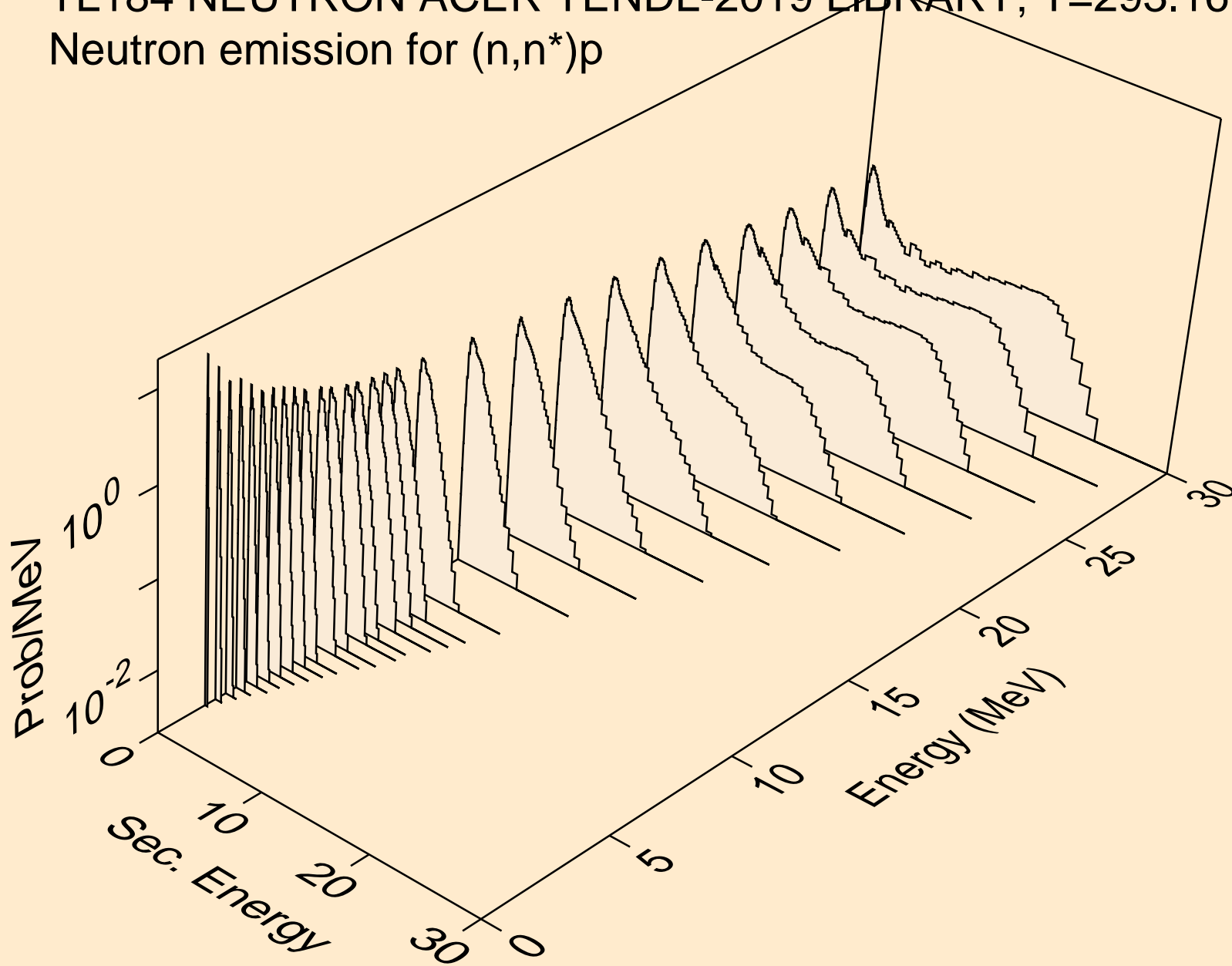


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Neutron emission for (n,3n)a

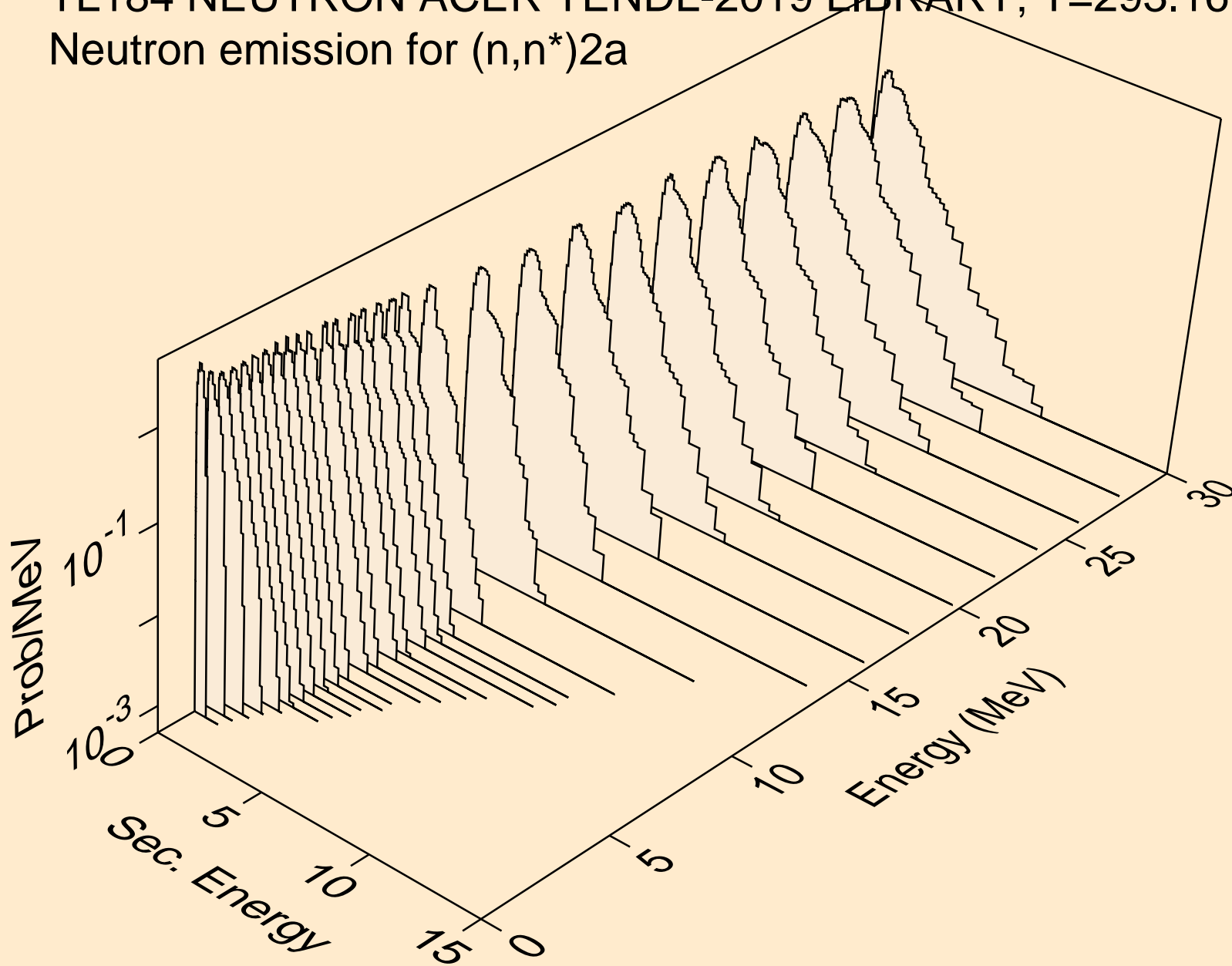




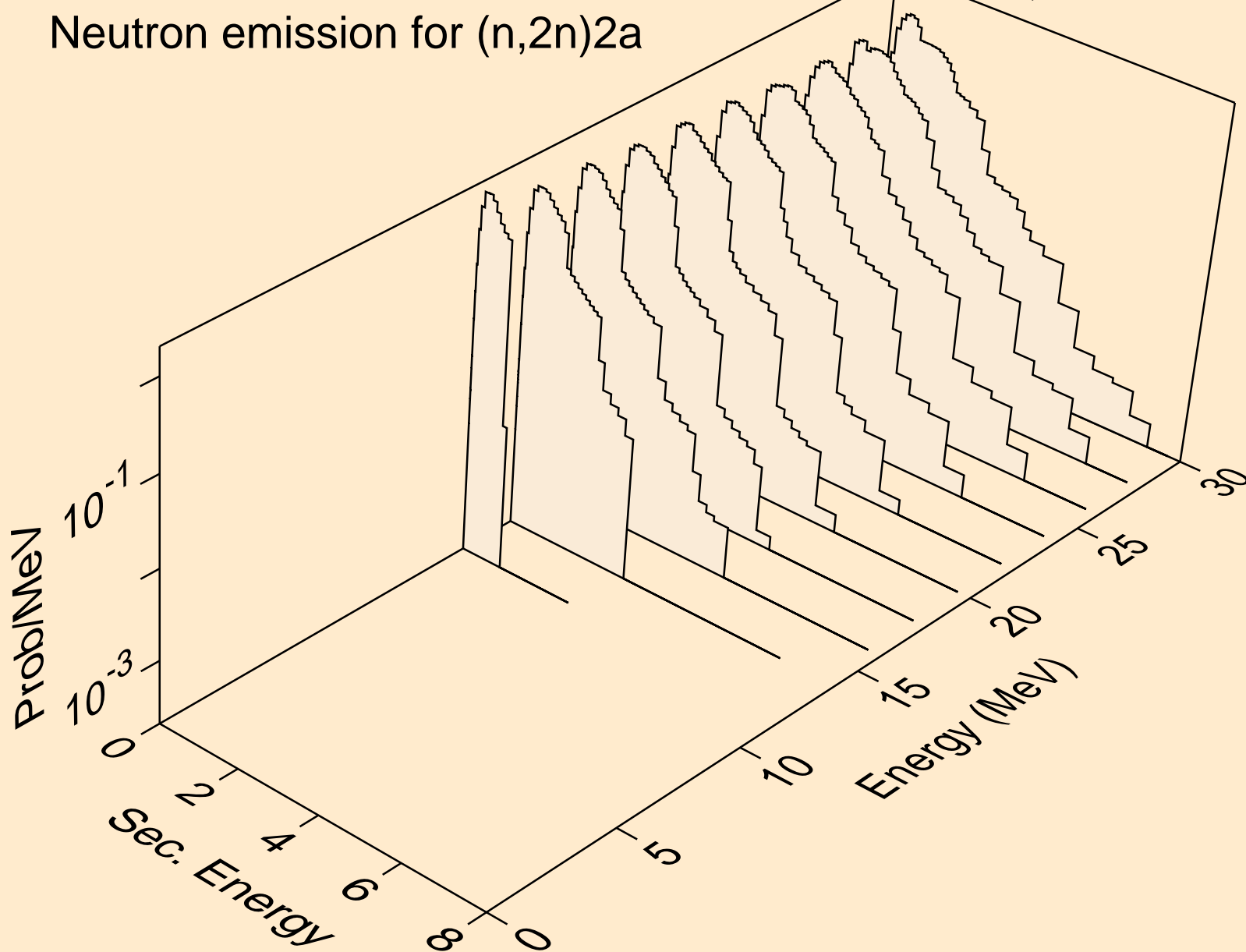
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



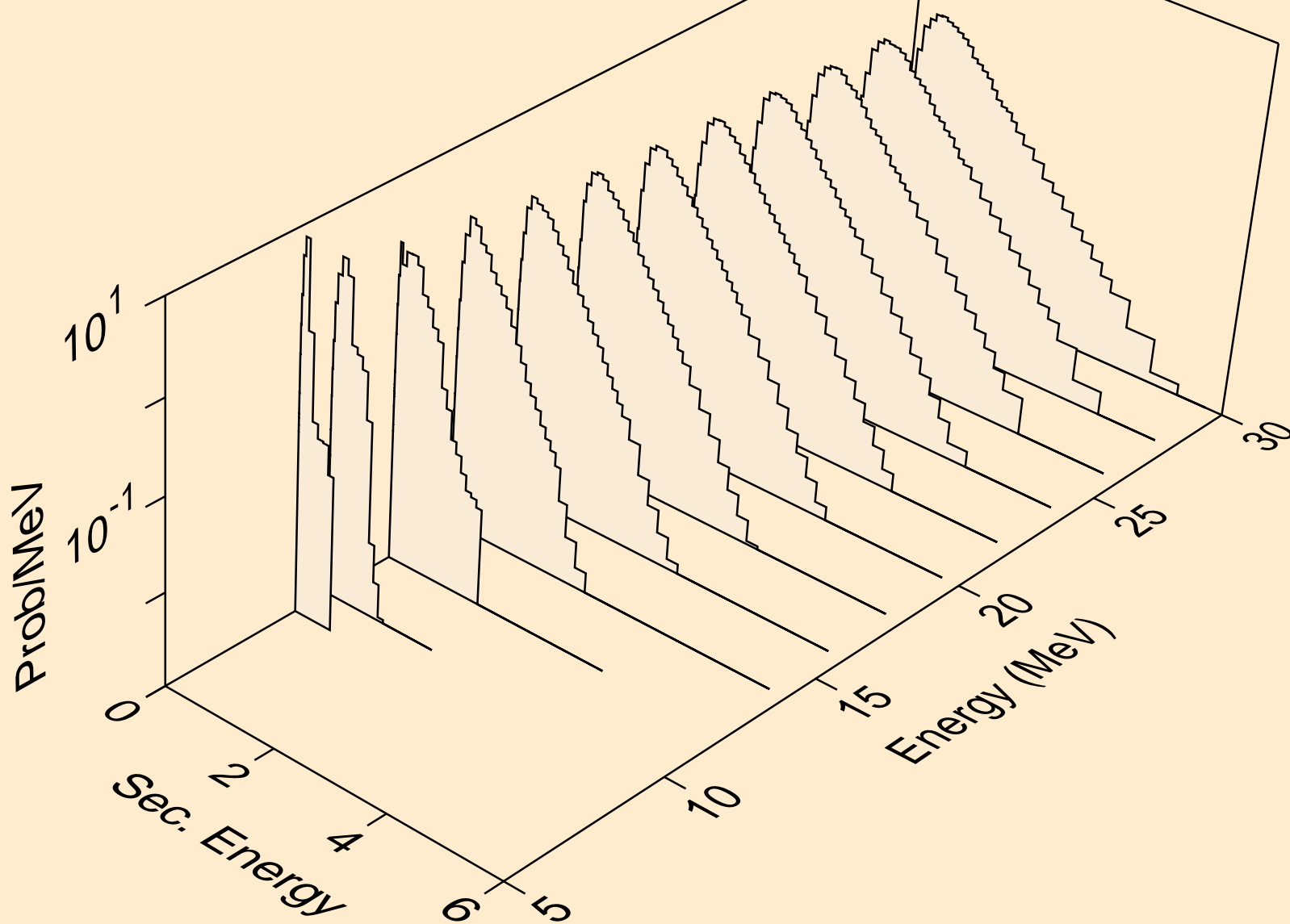
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Neutron emission for (n,n\*)2a



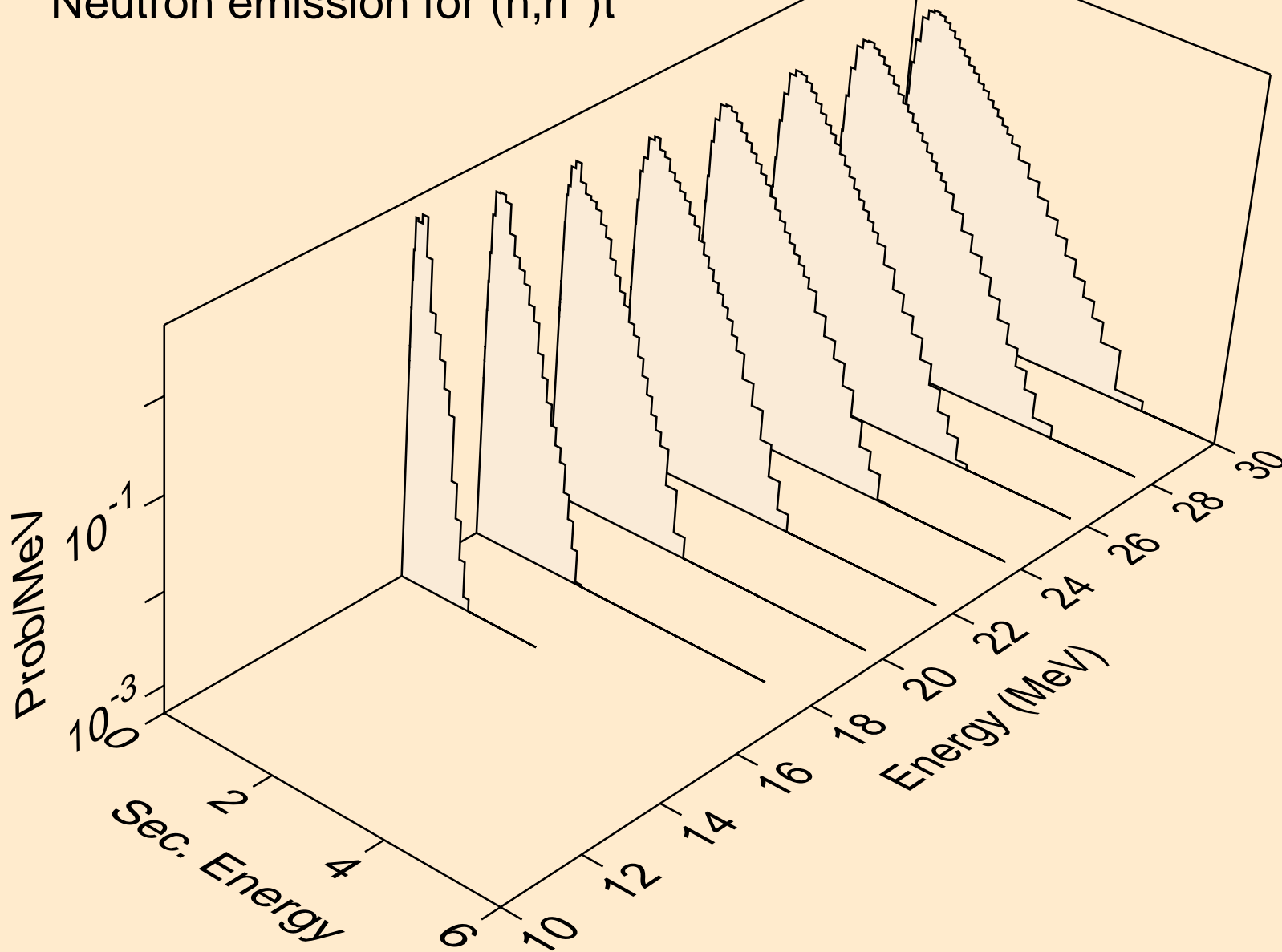
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



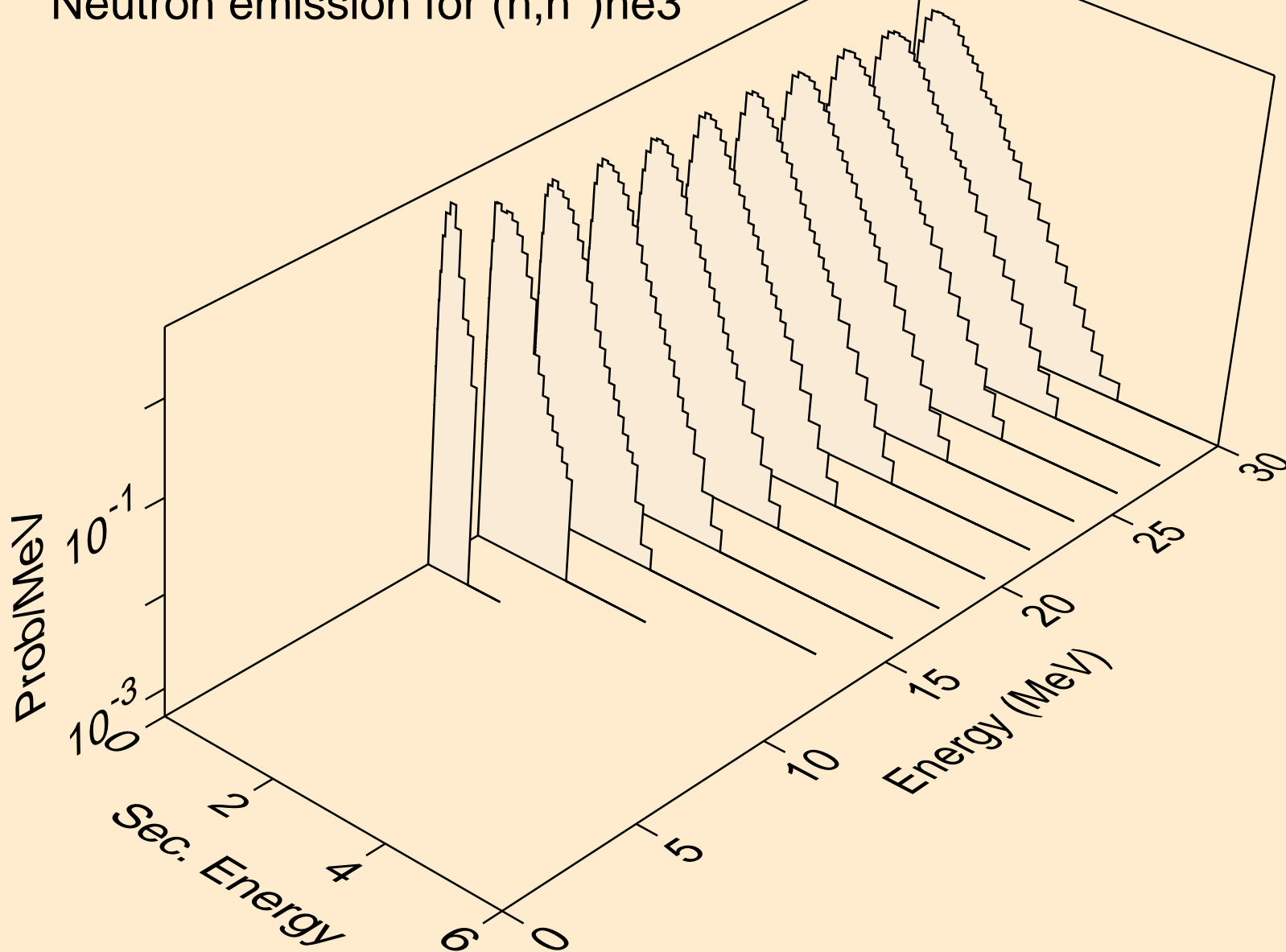
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



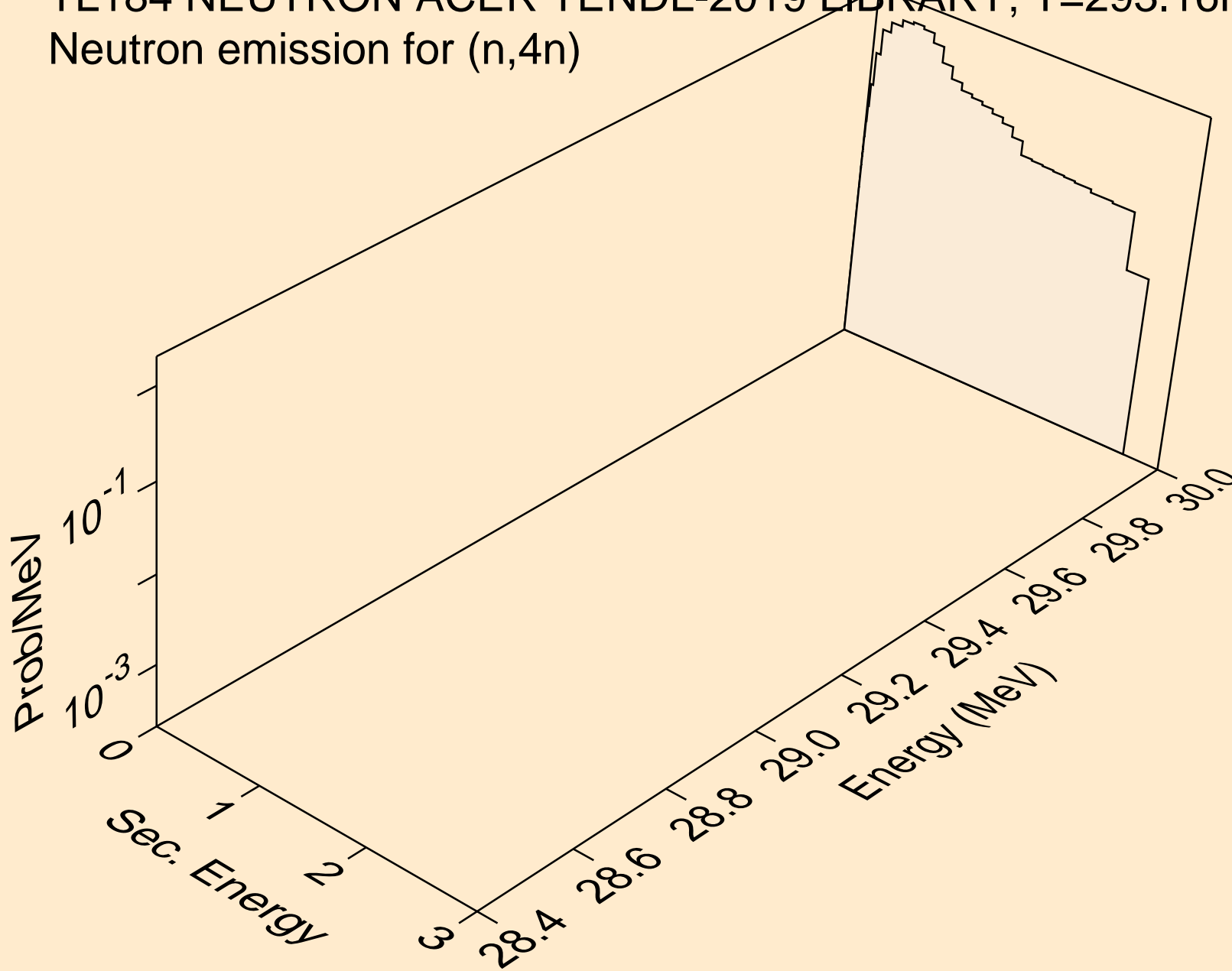
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



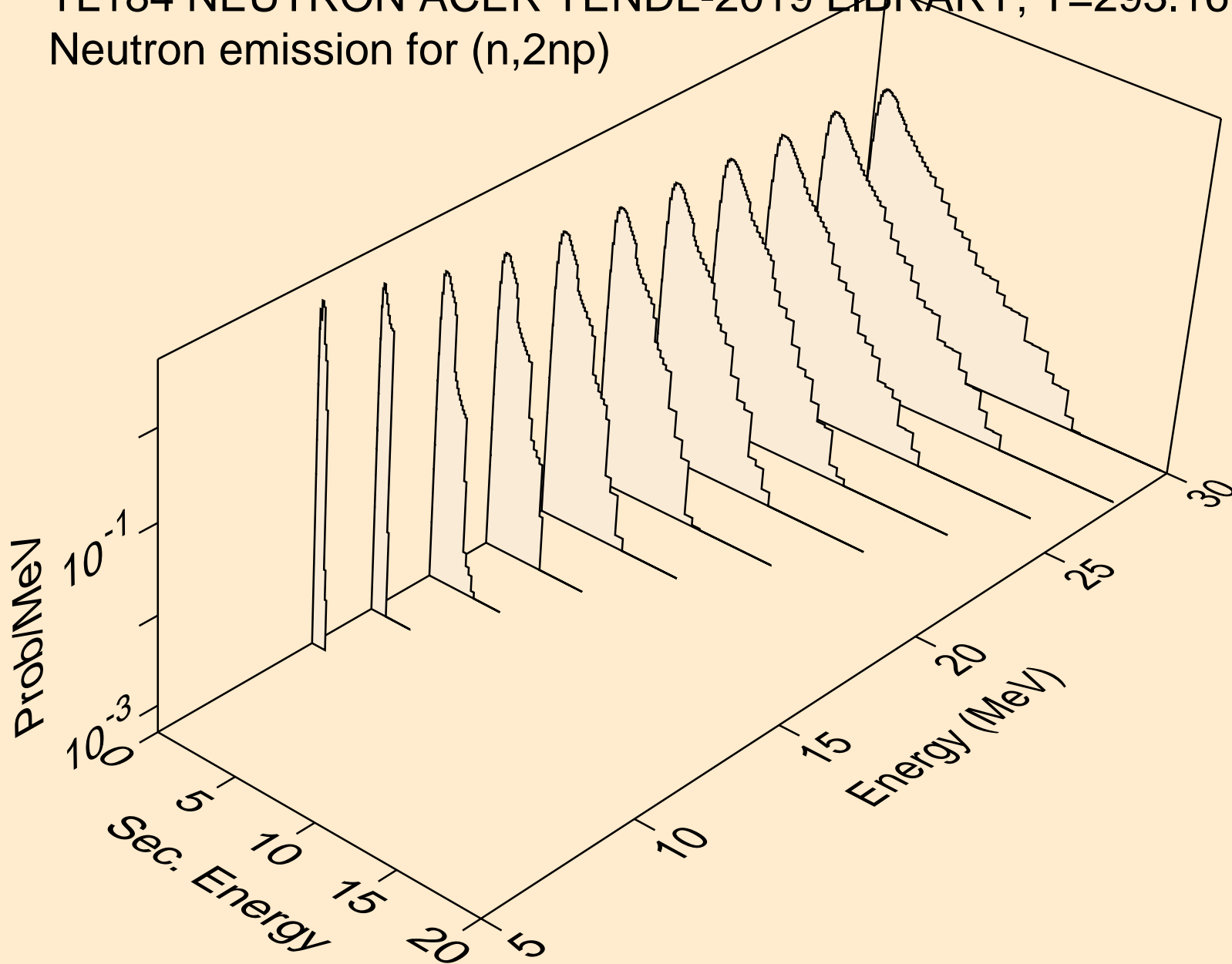
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

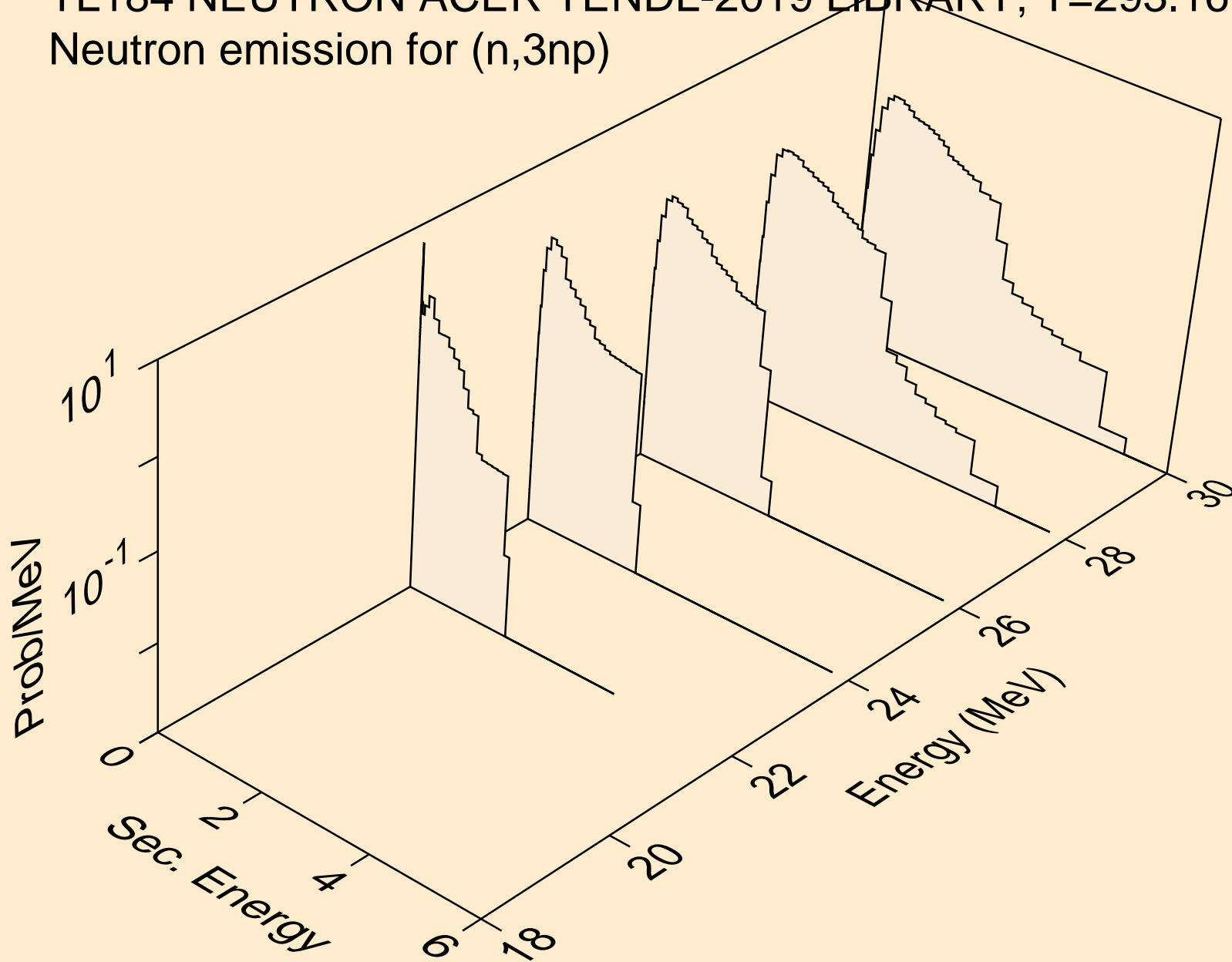


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

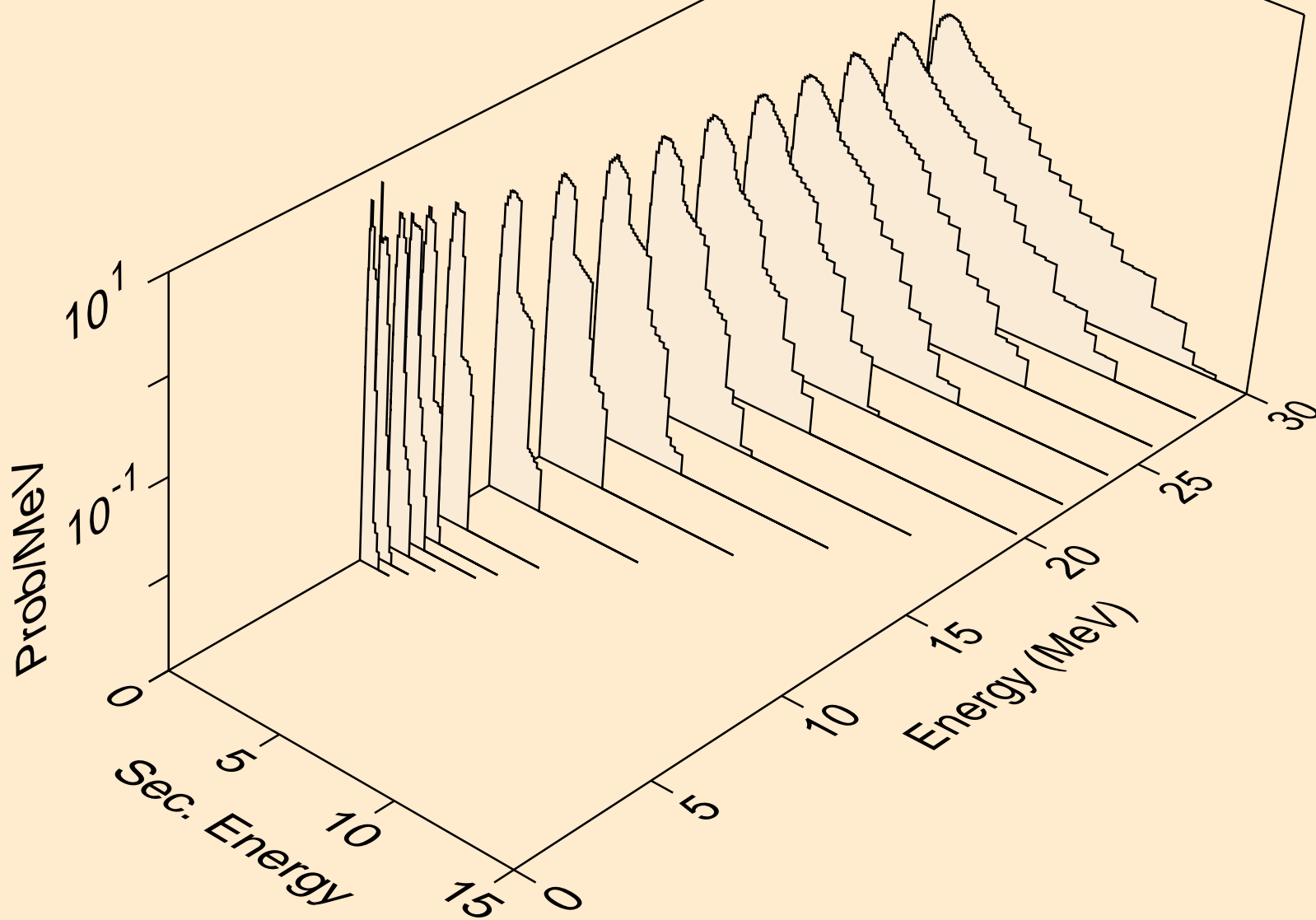




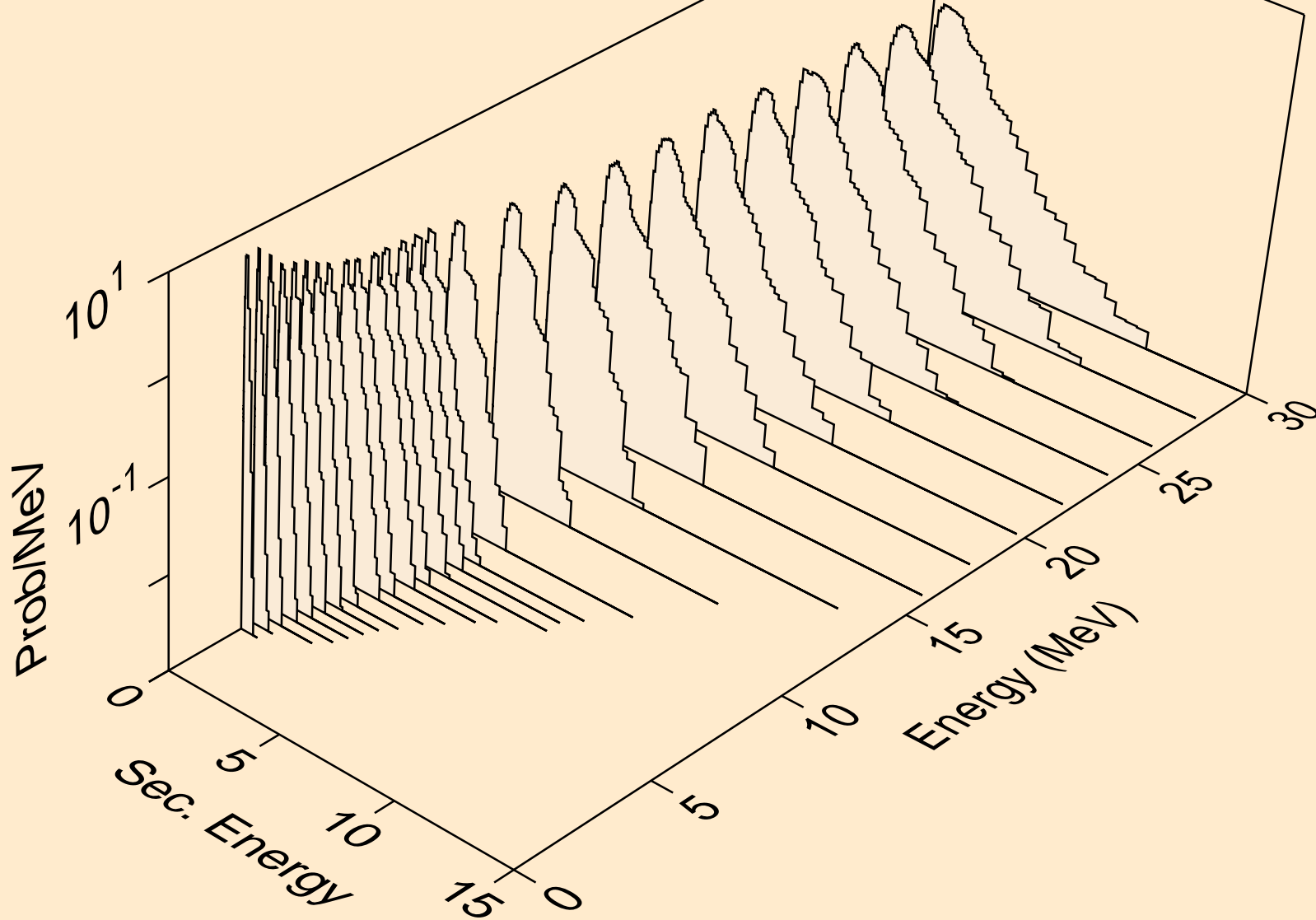
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Neutron emission for (n,3np)



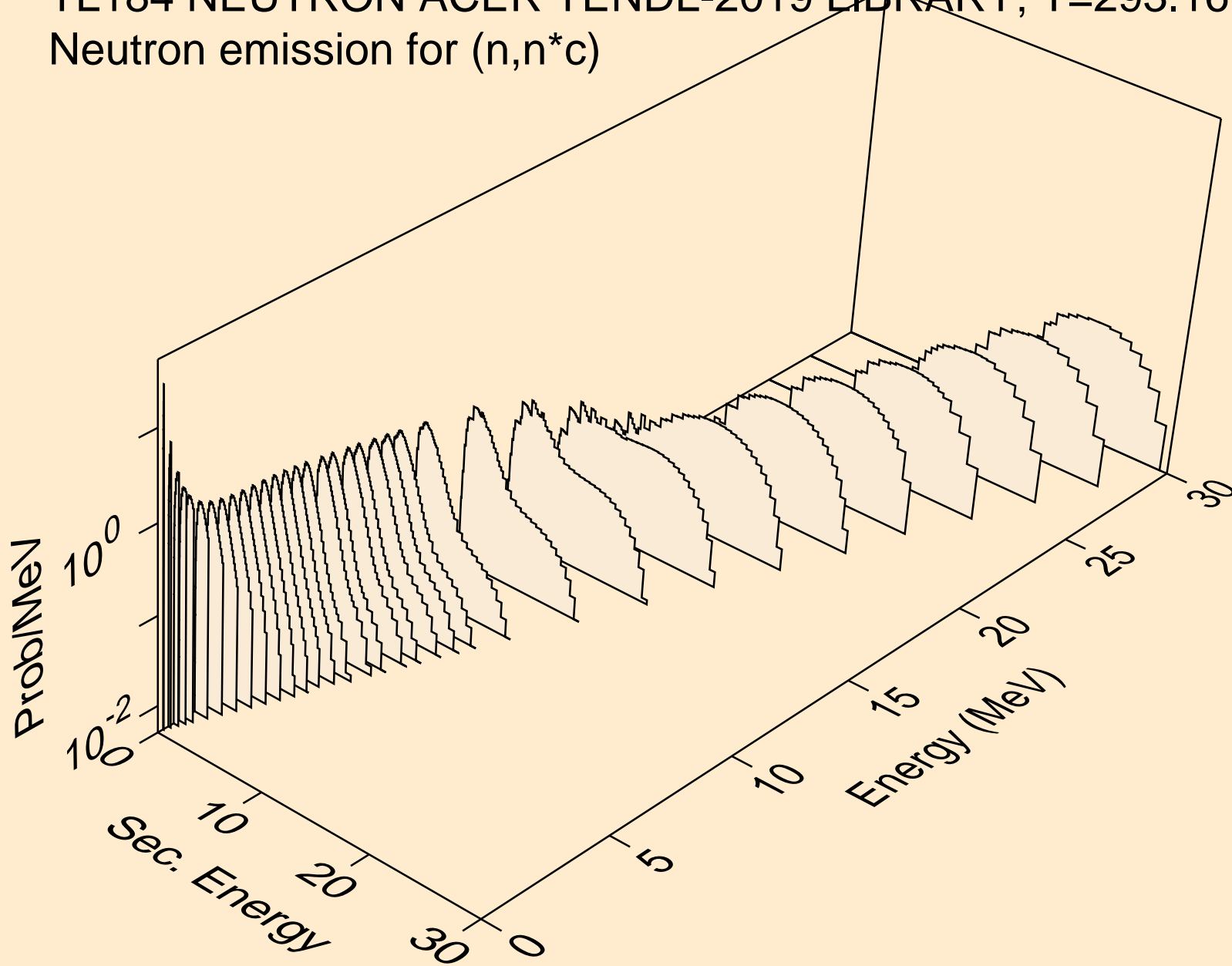
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Neutron emission for (n,2np)



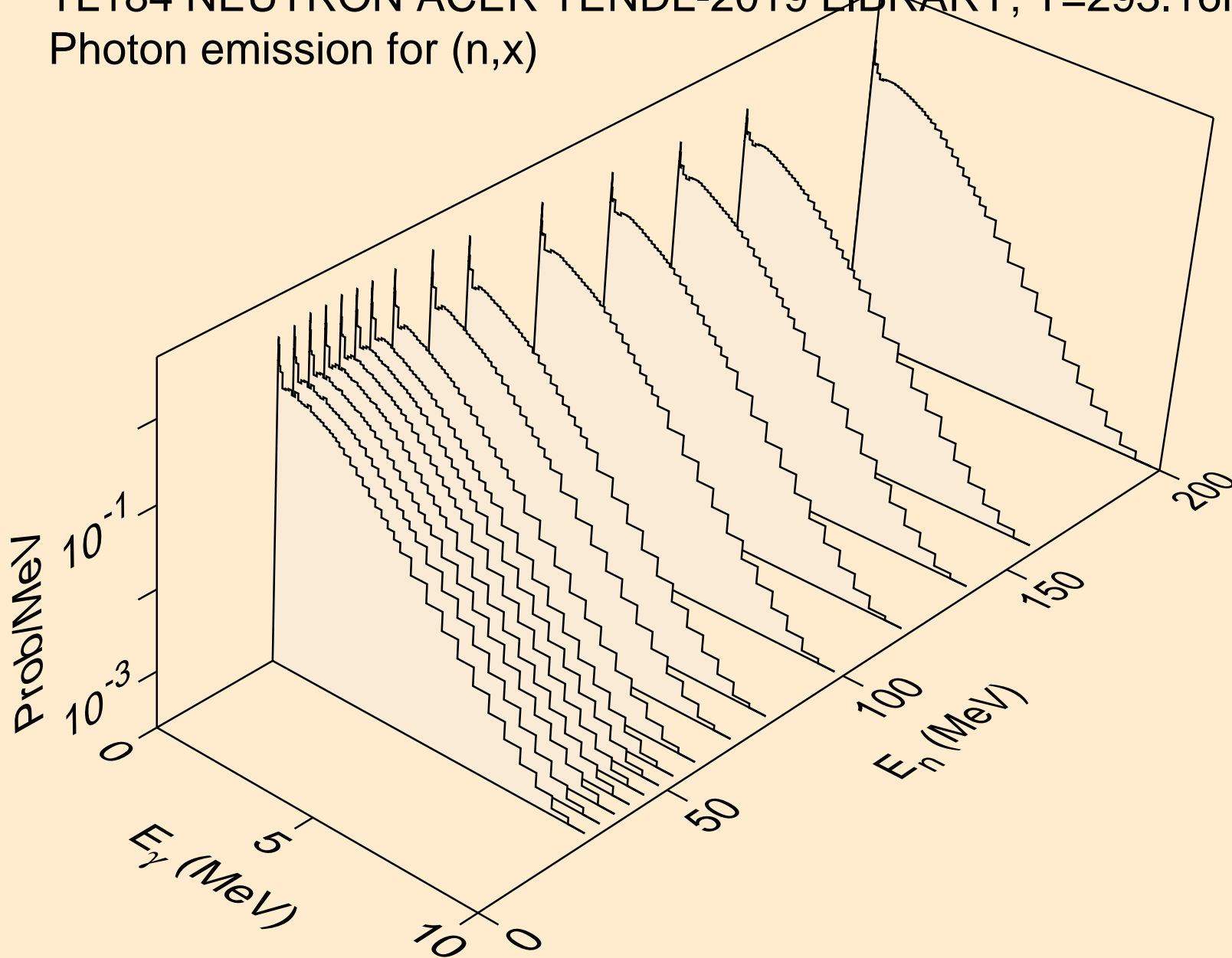
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Neutron emission for (n,npa)



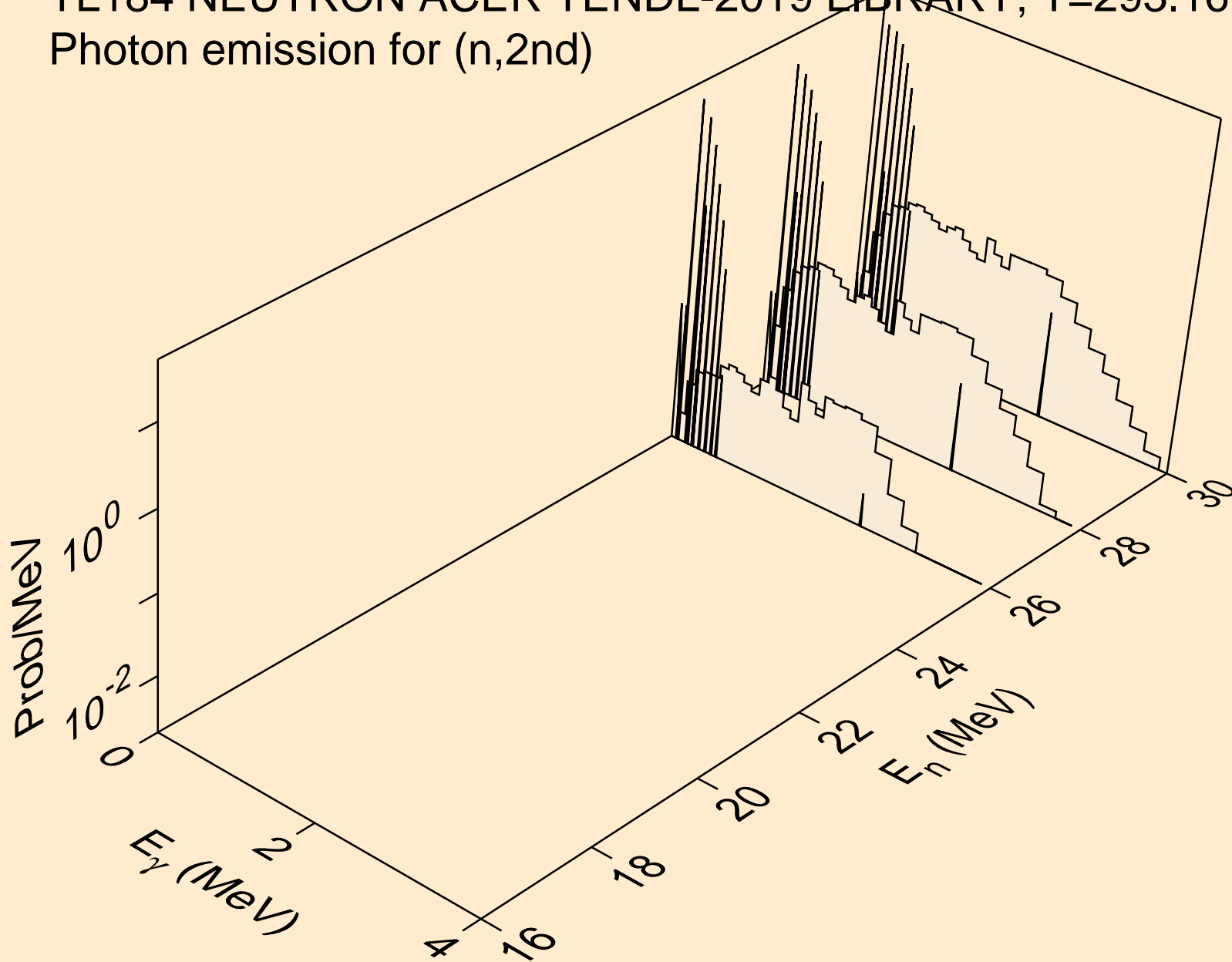
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



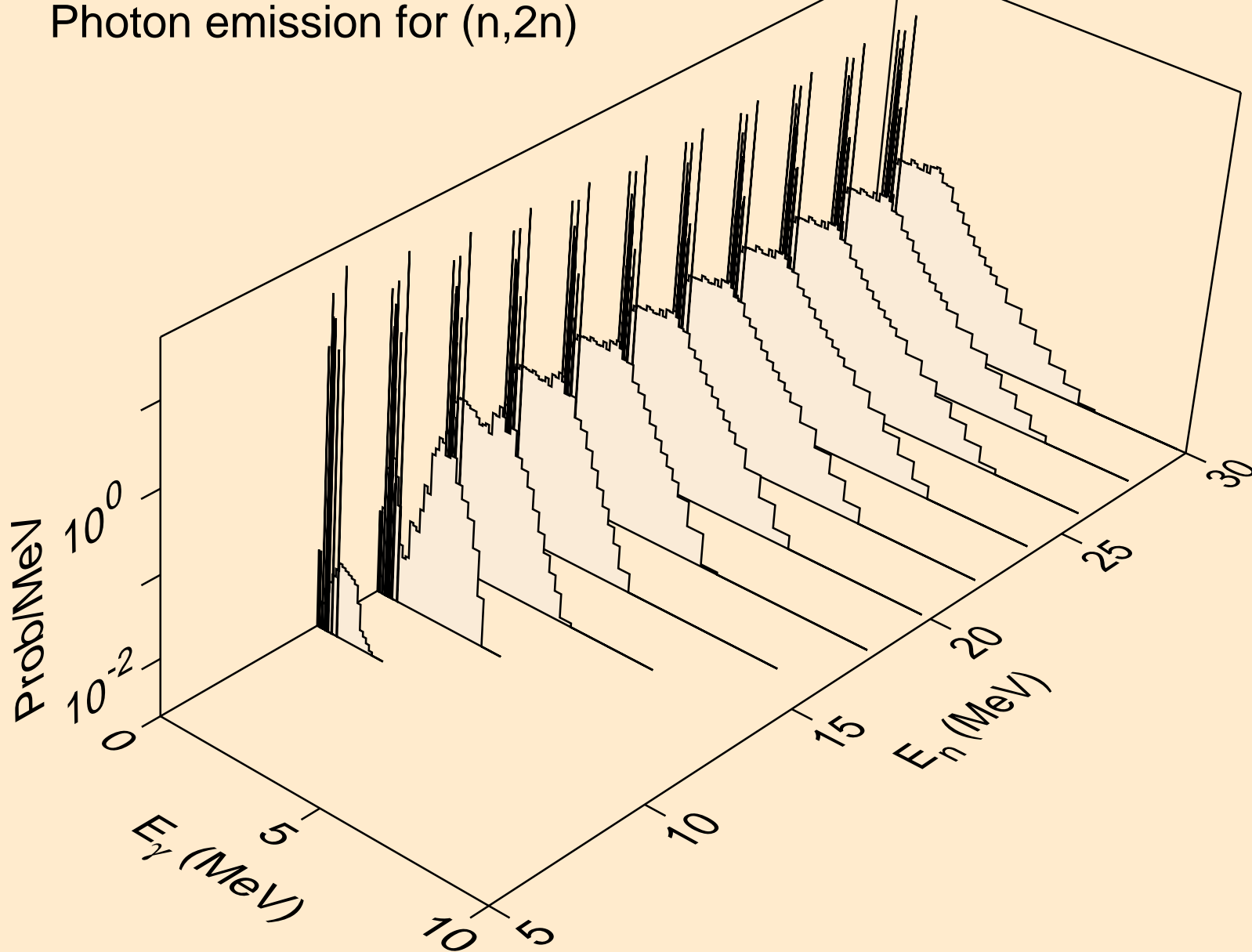
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



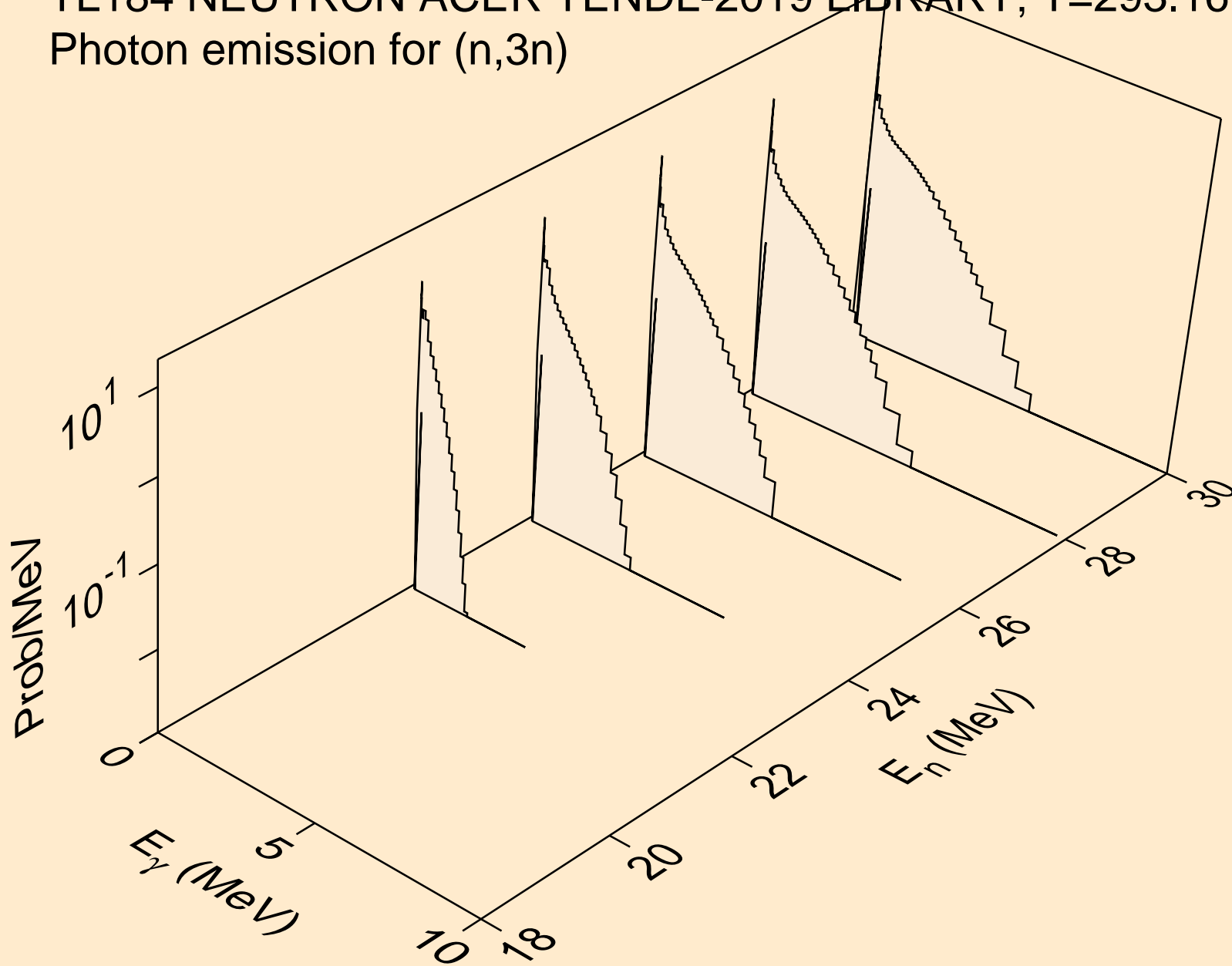
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)

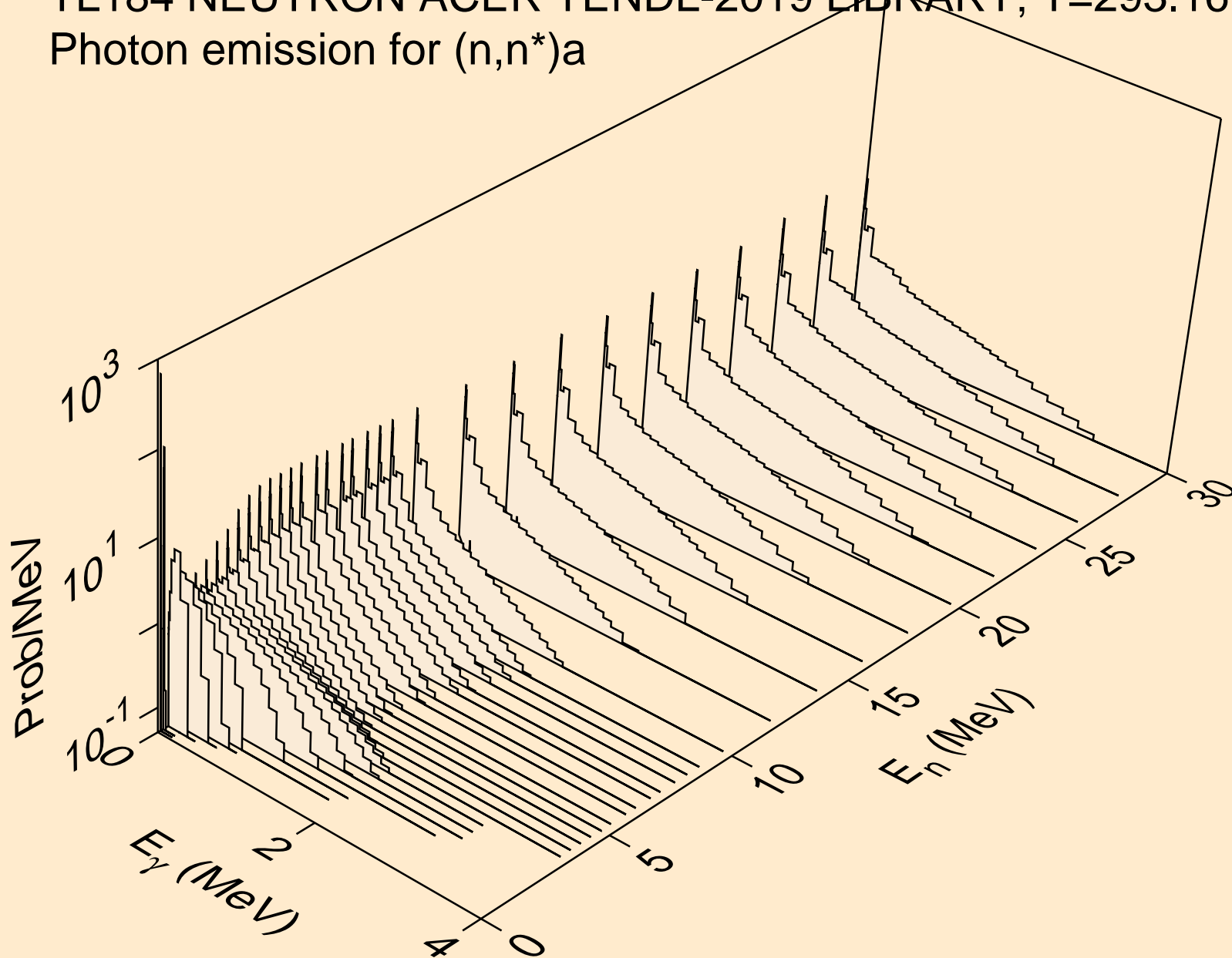


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

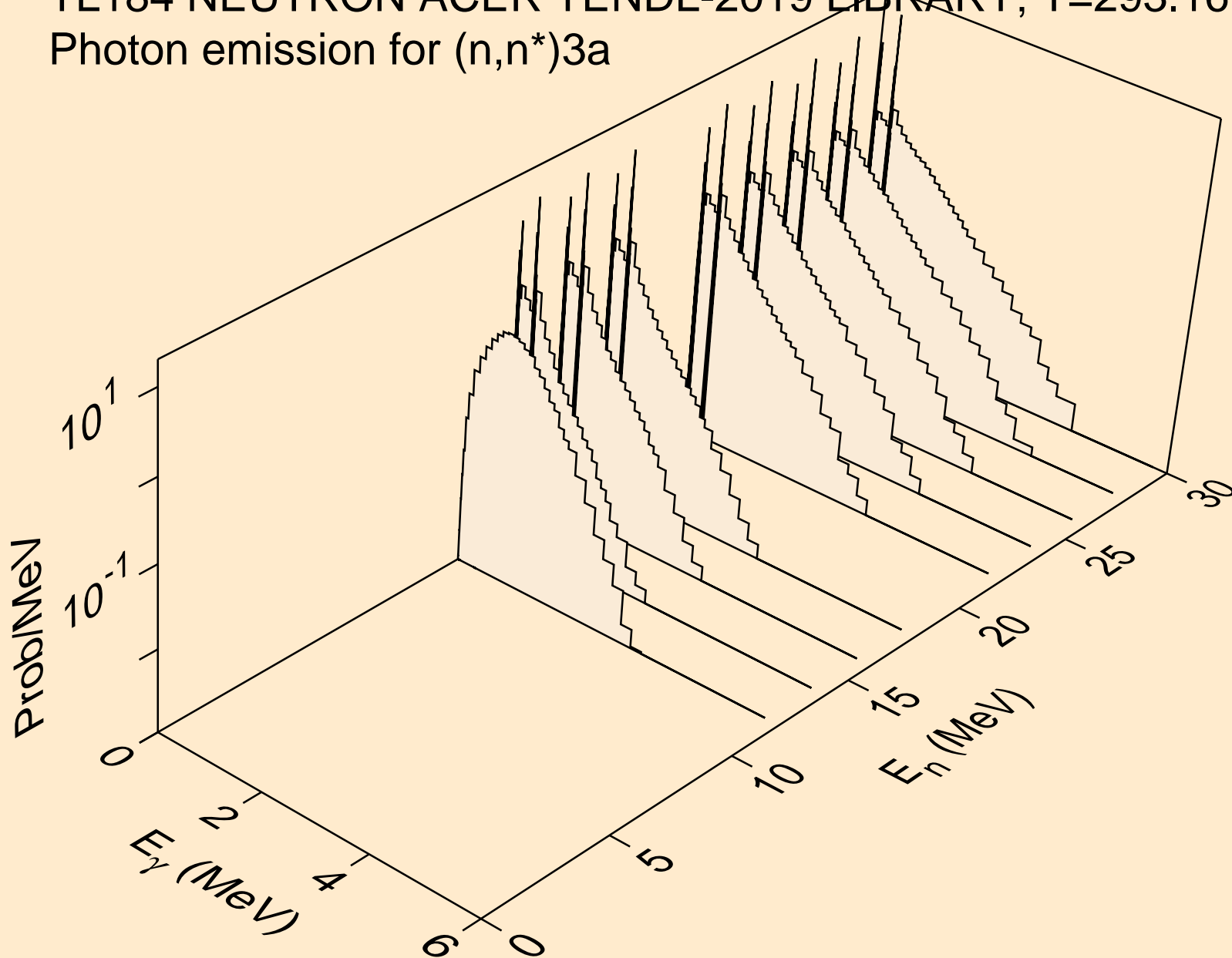




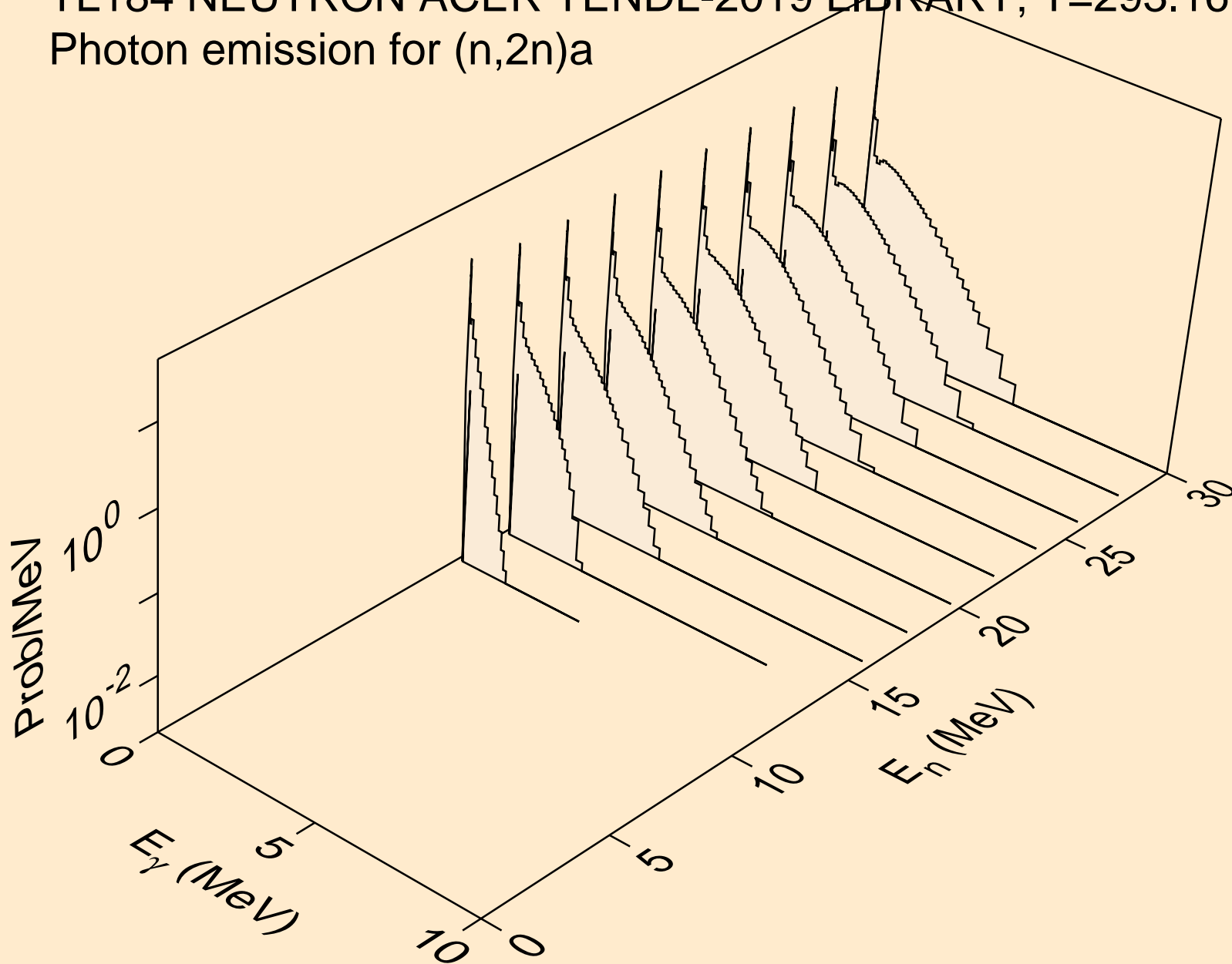
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



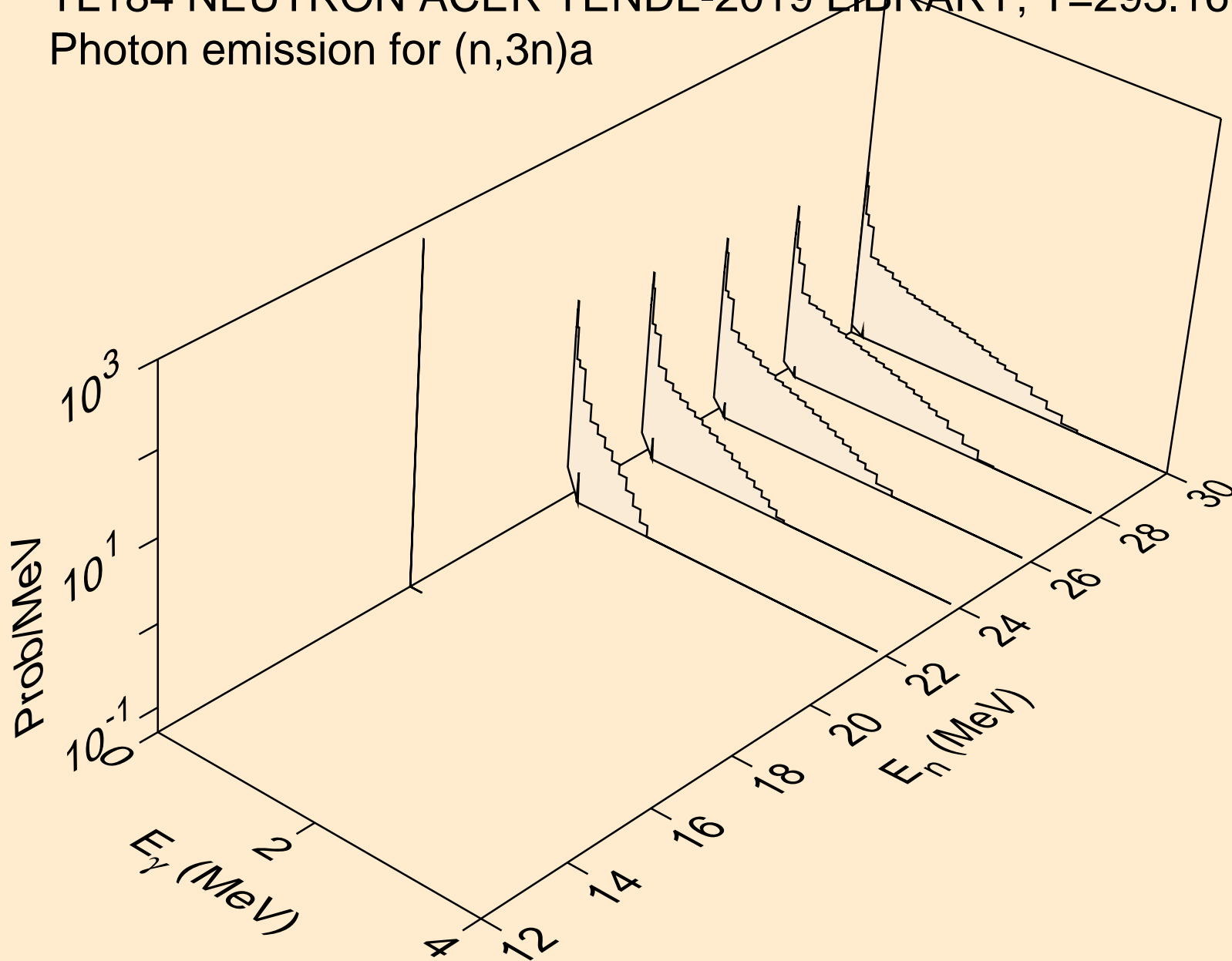
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Photon emission for (n,n\*)3a



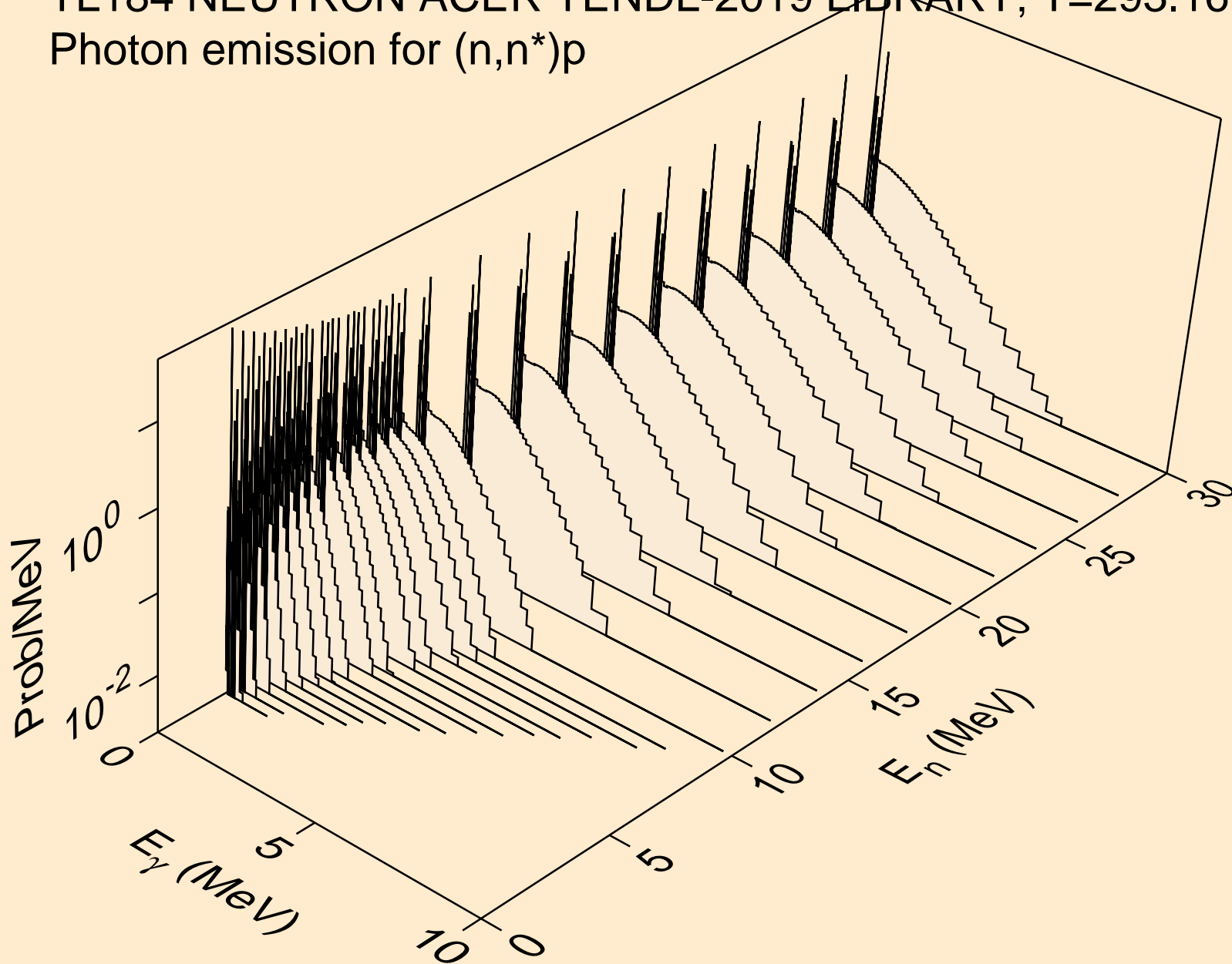
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Photon emission for (n,2n)a



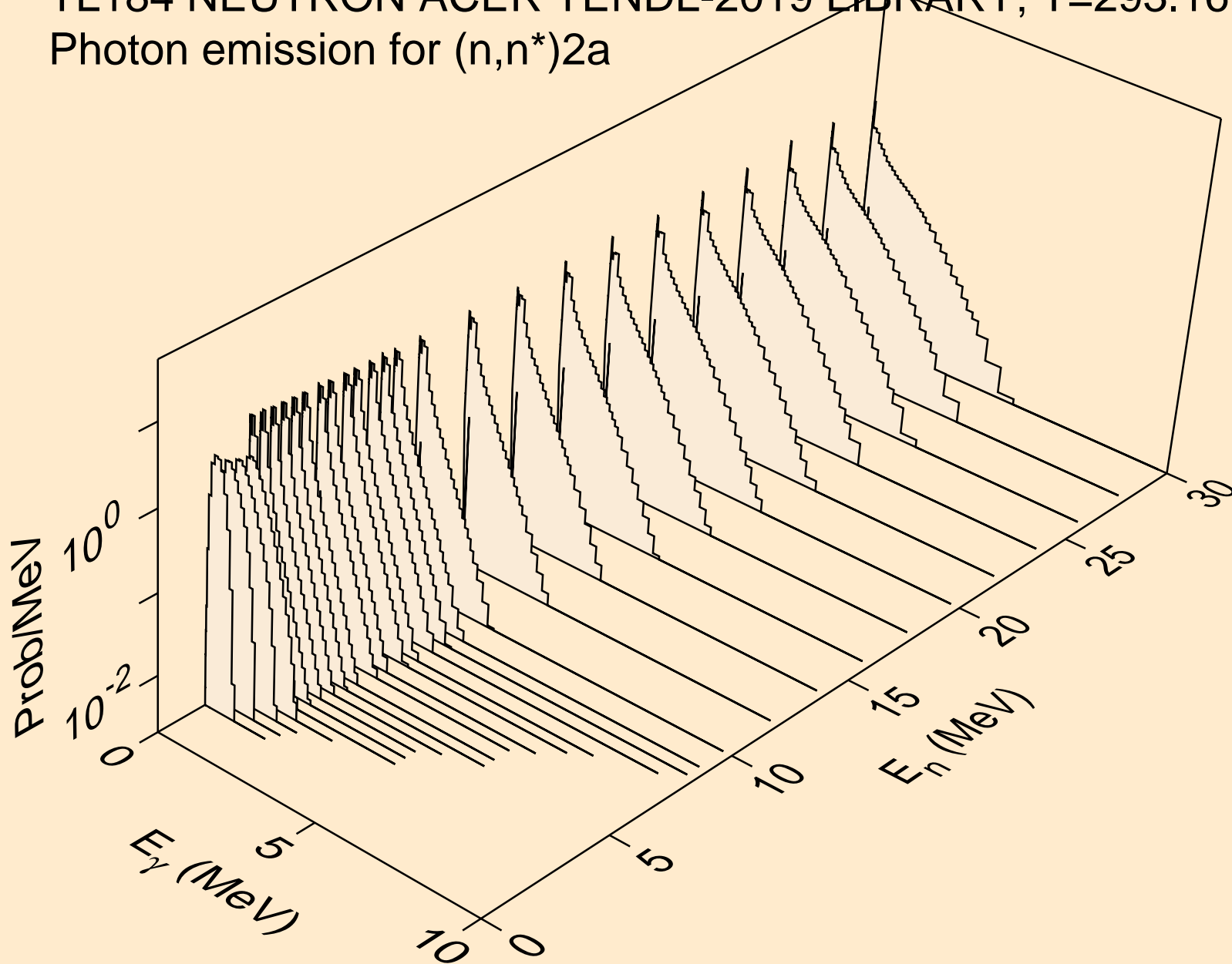
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Photon emission for (n,3n)a



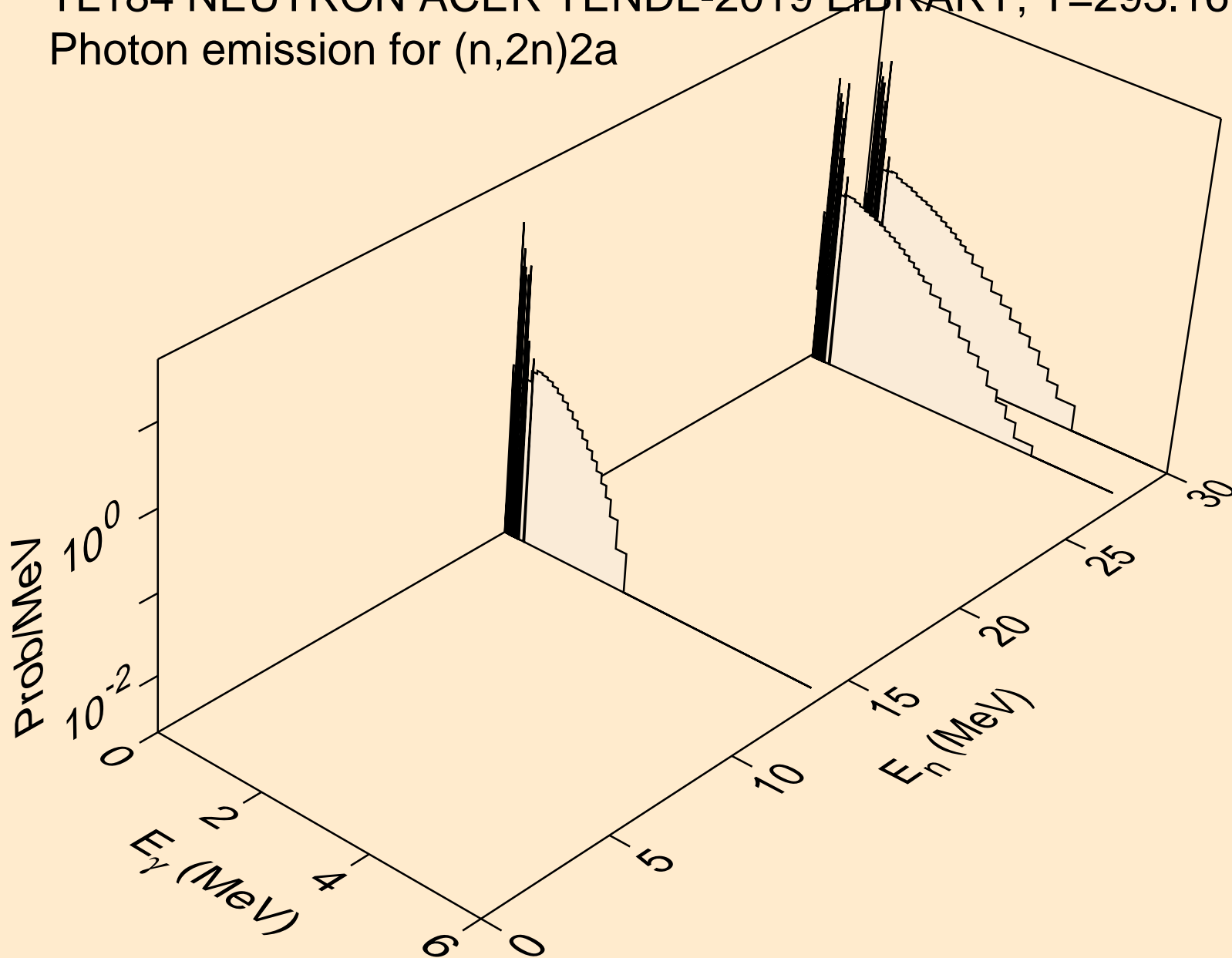
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



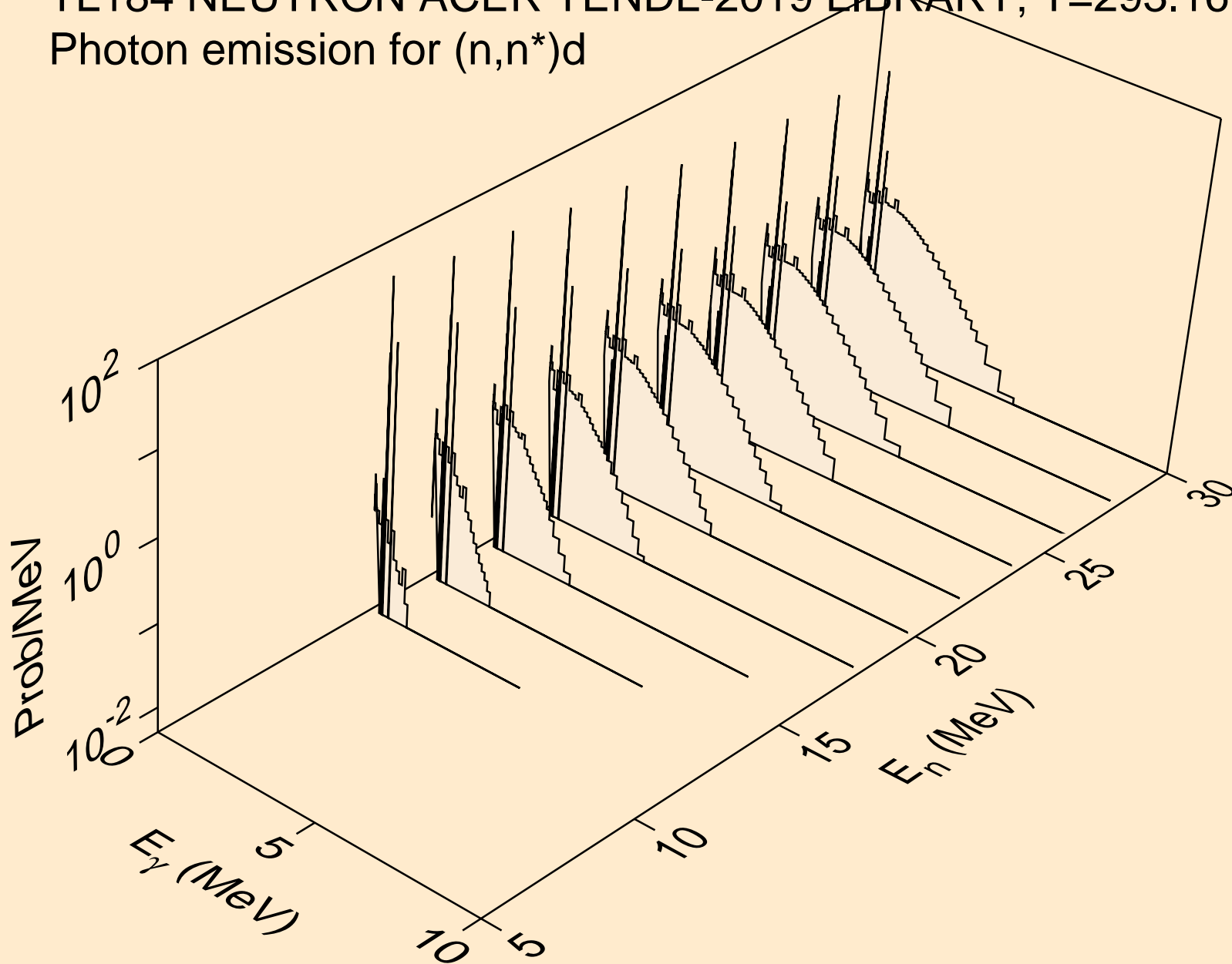
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a

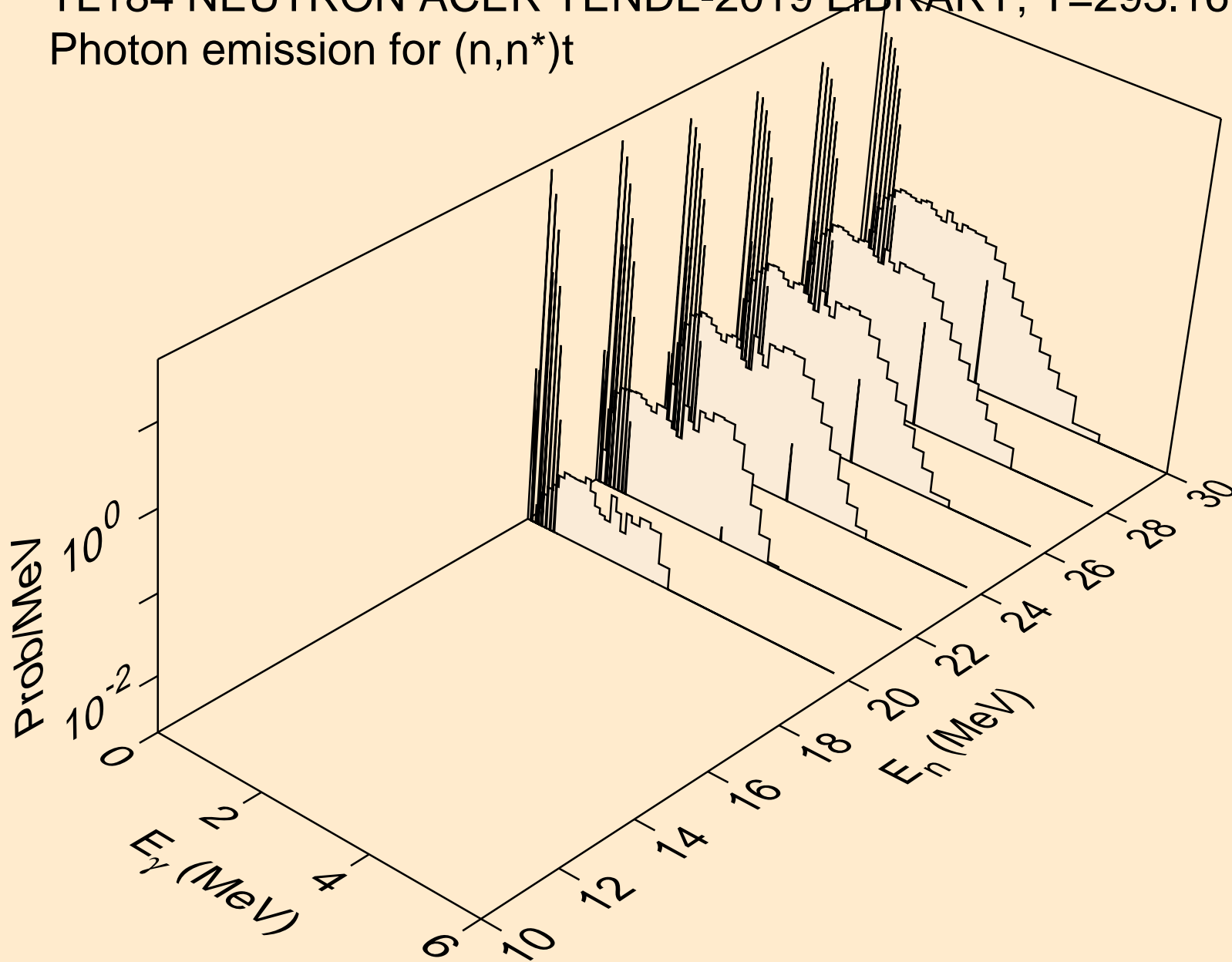


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d

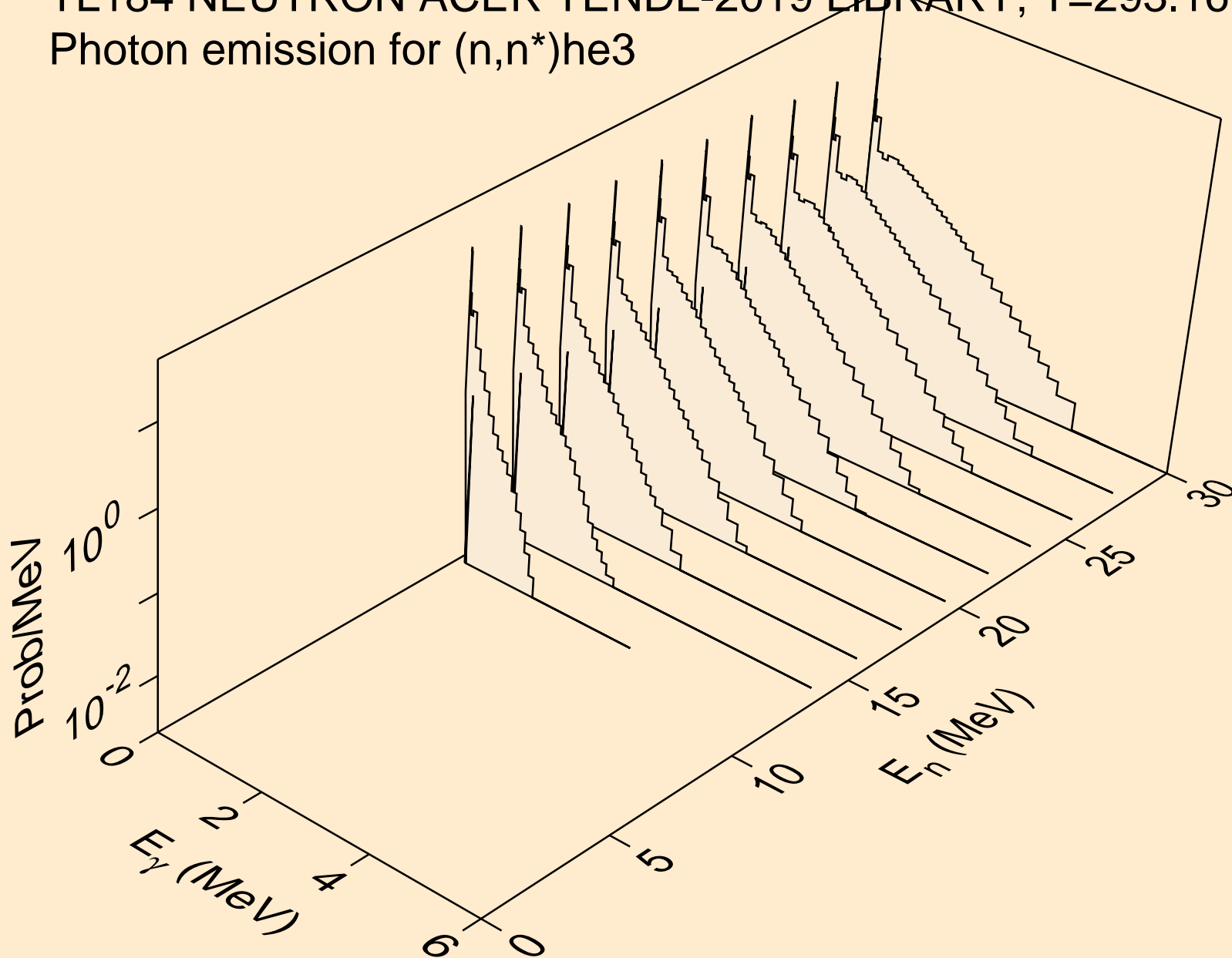




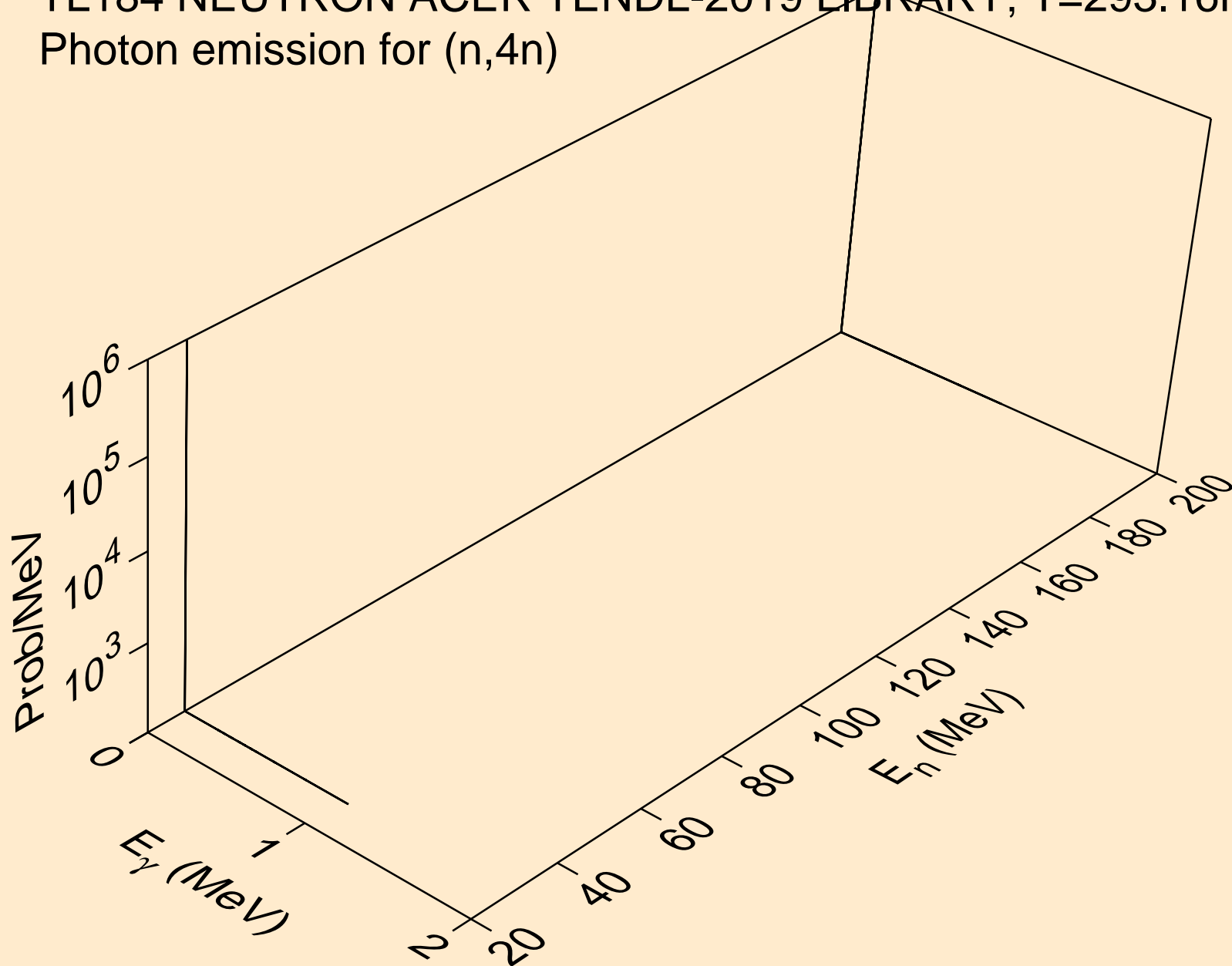
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



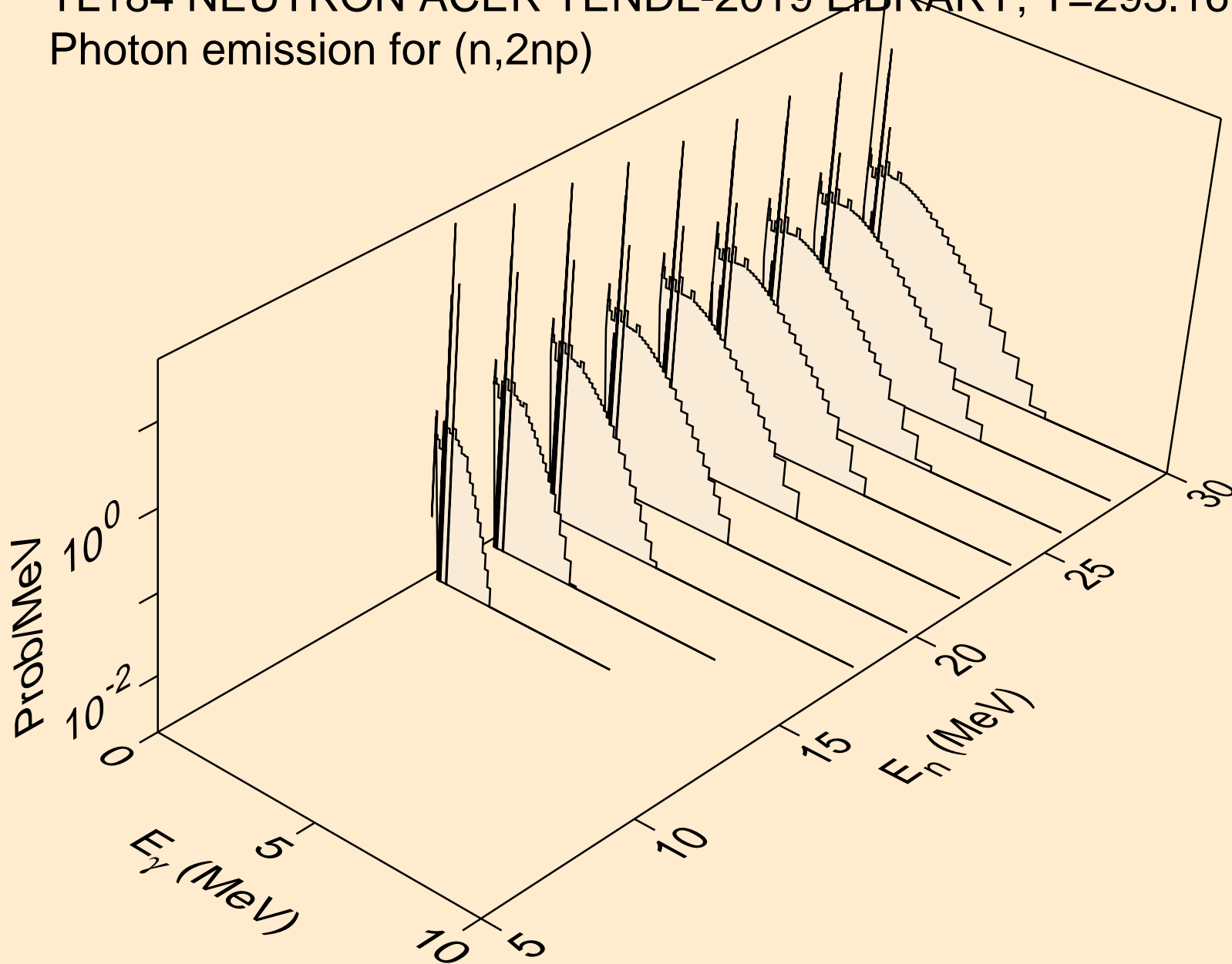
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



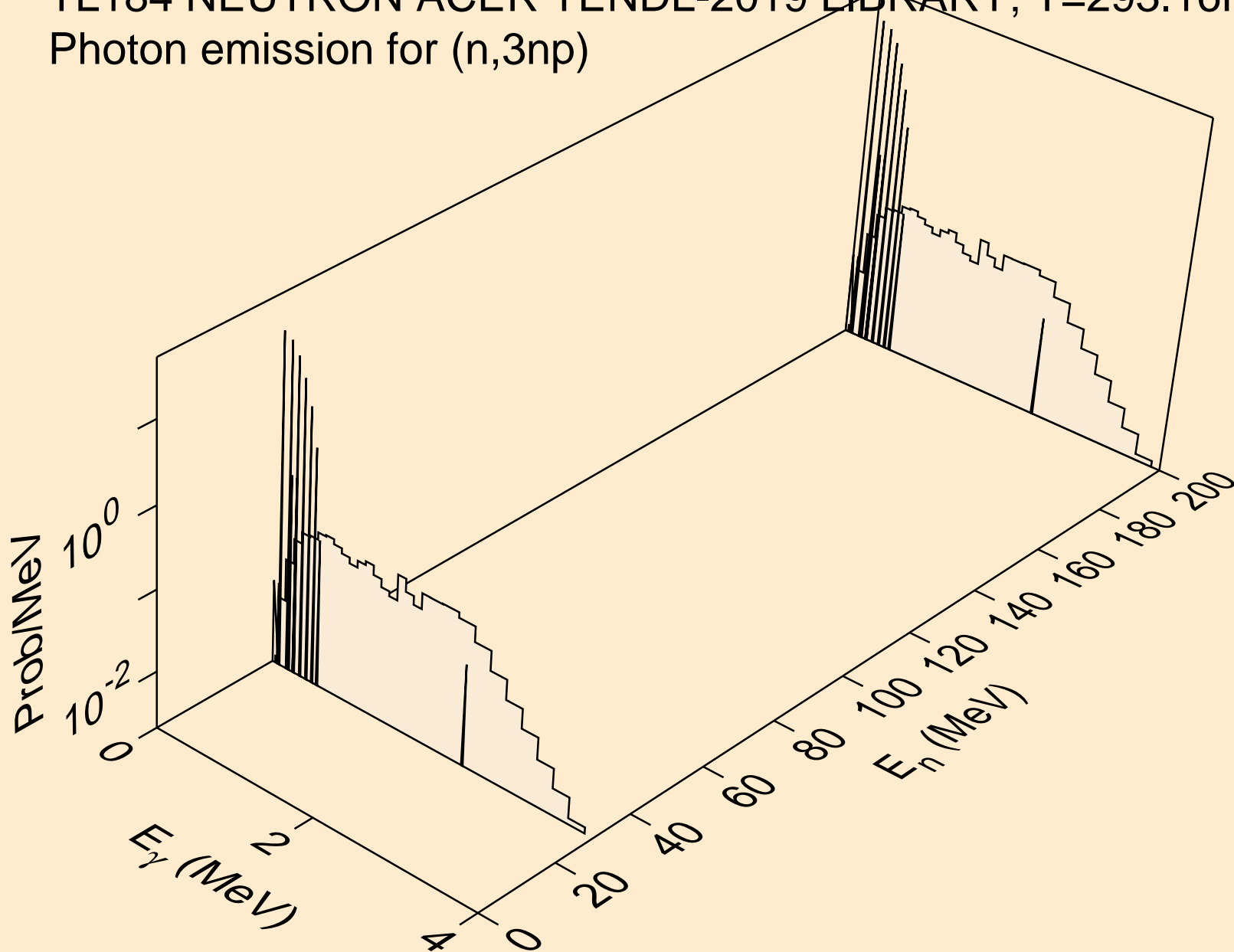
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



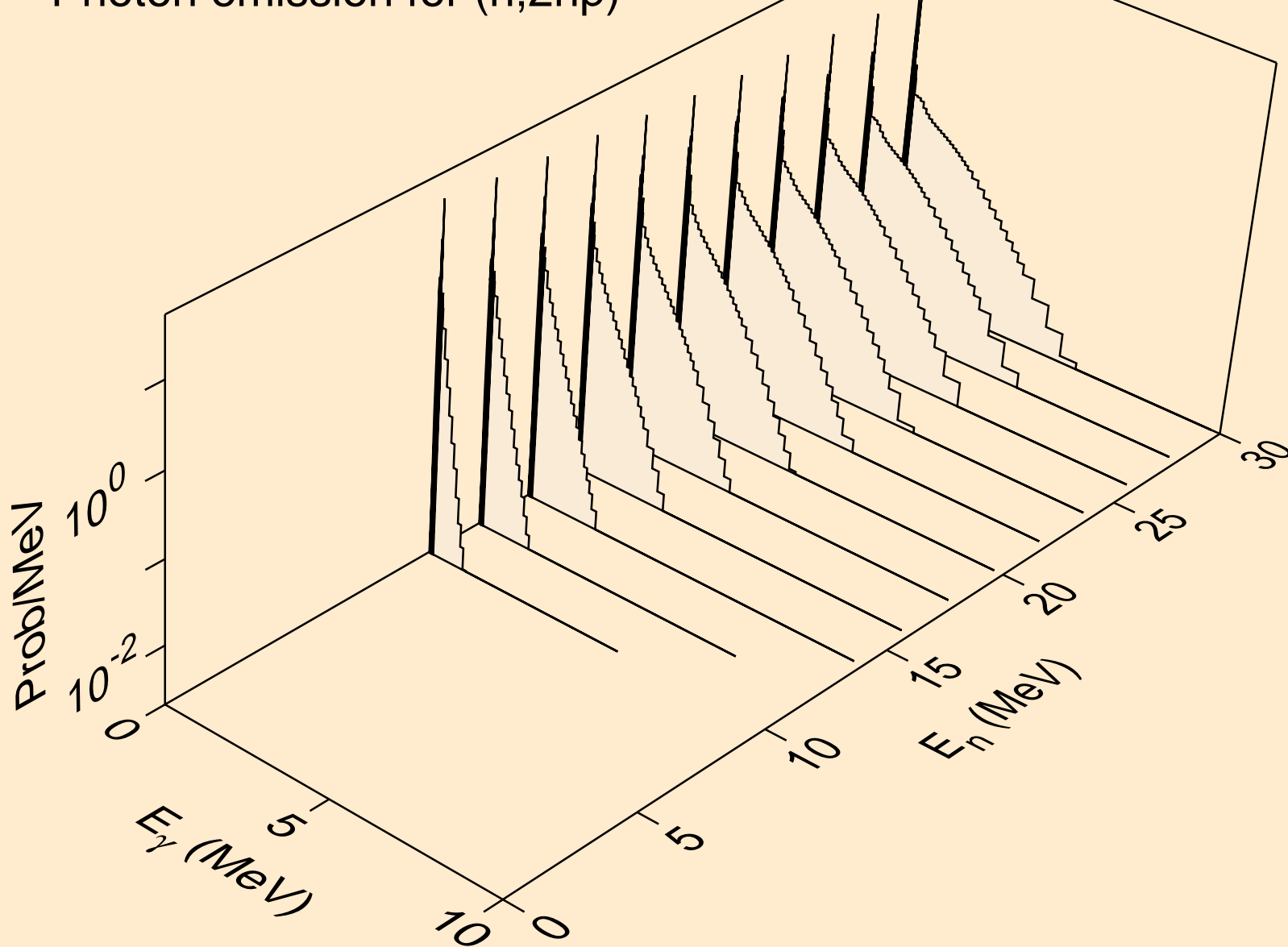
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



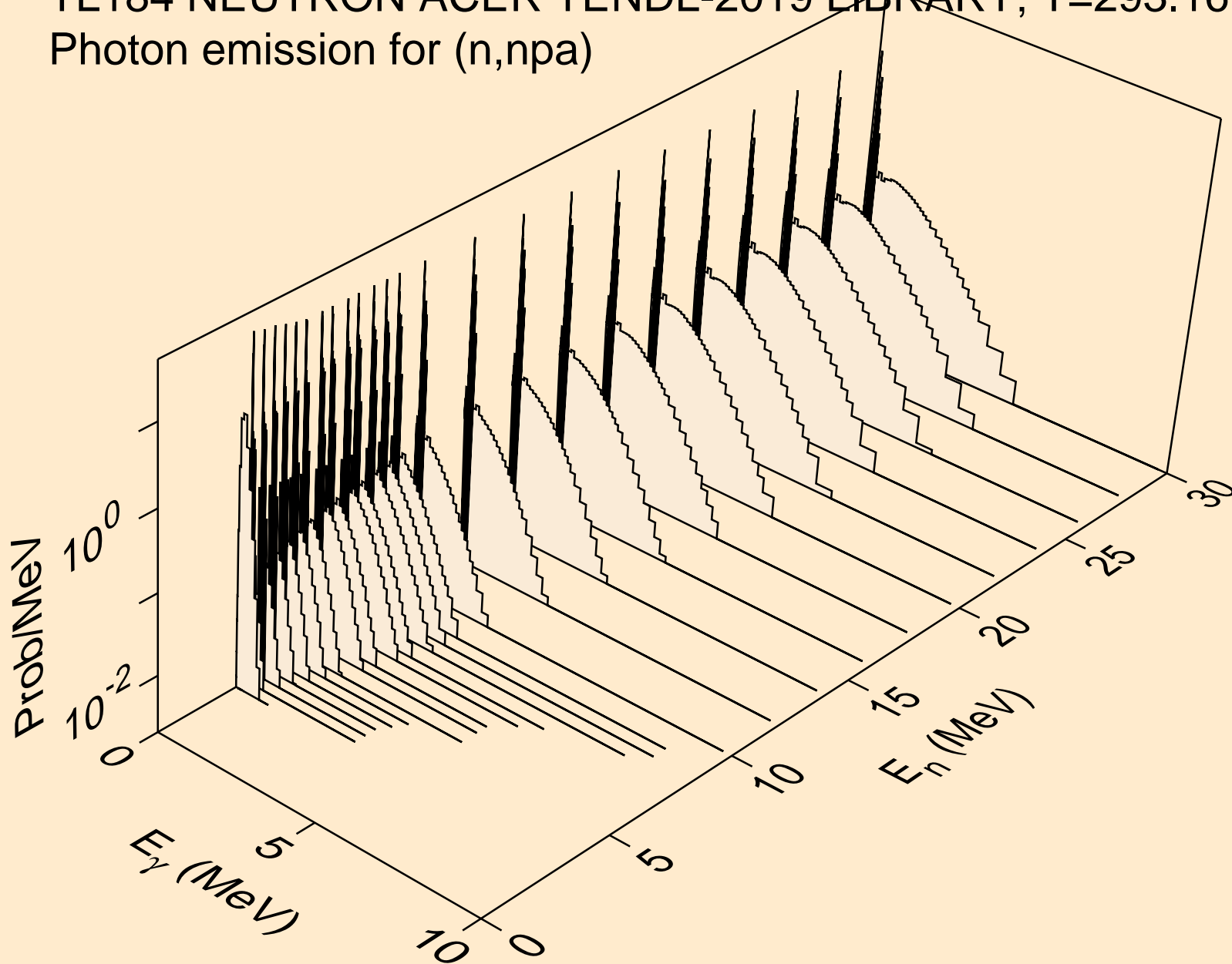
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Photon emission for (n,3np)



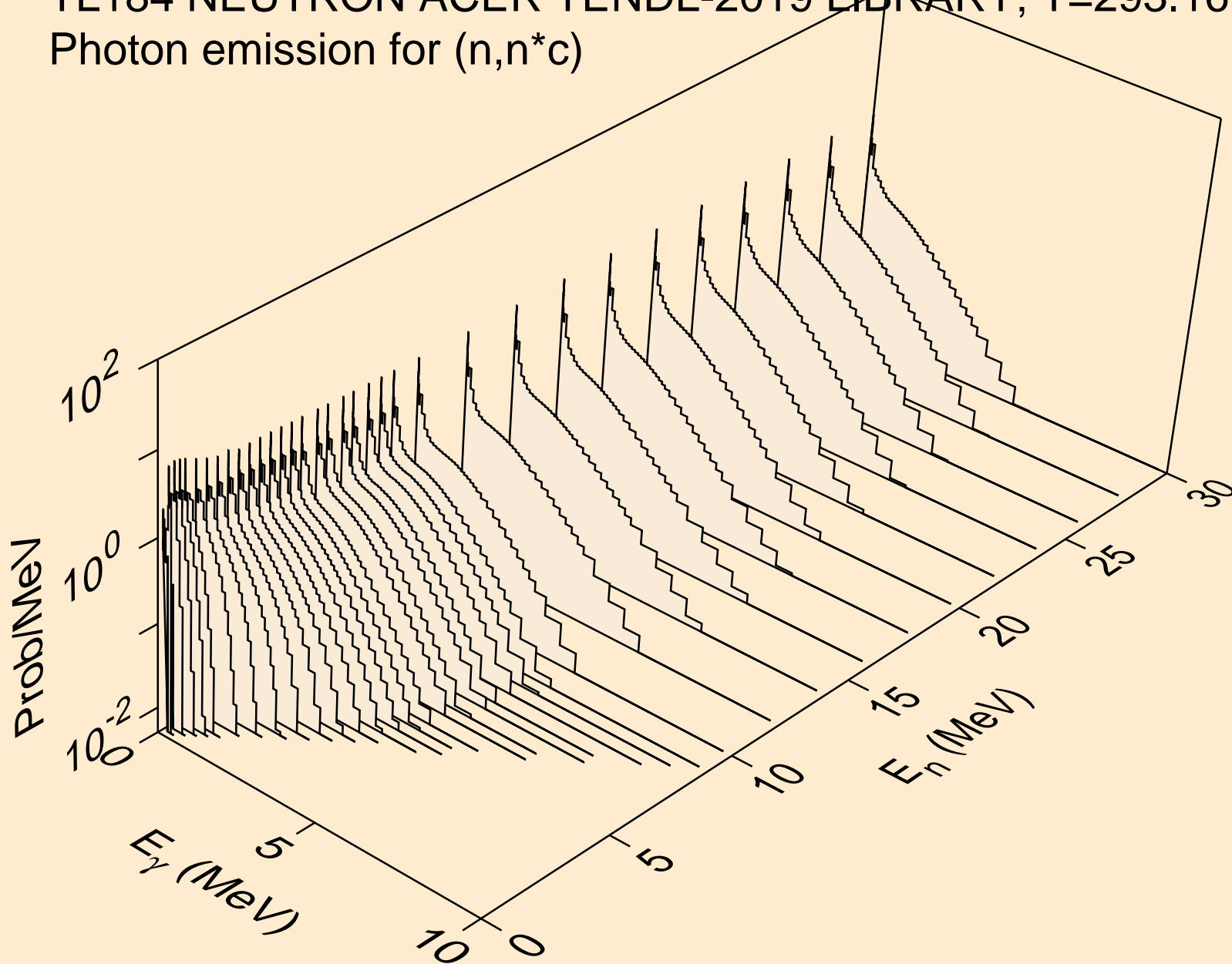
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)

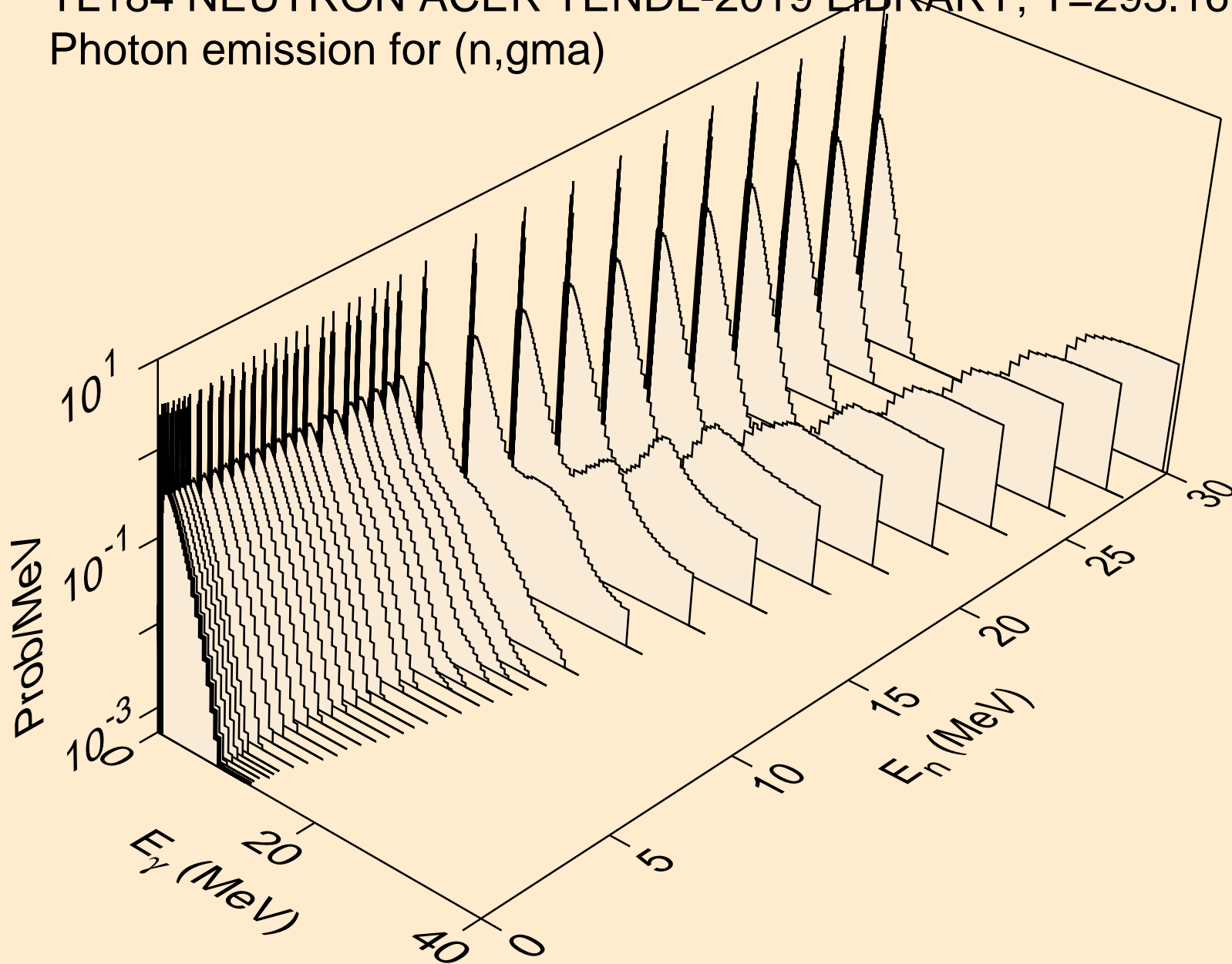


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

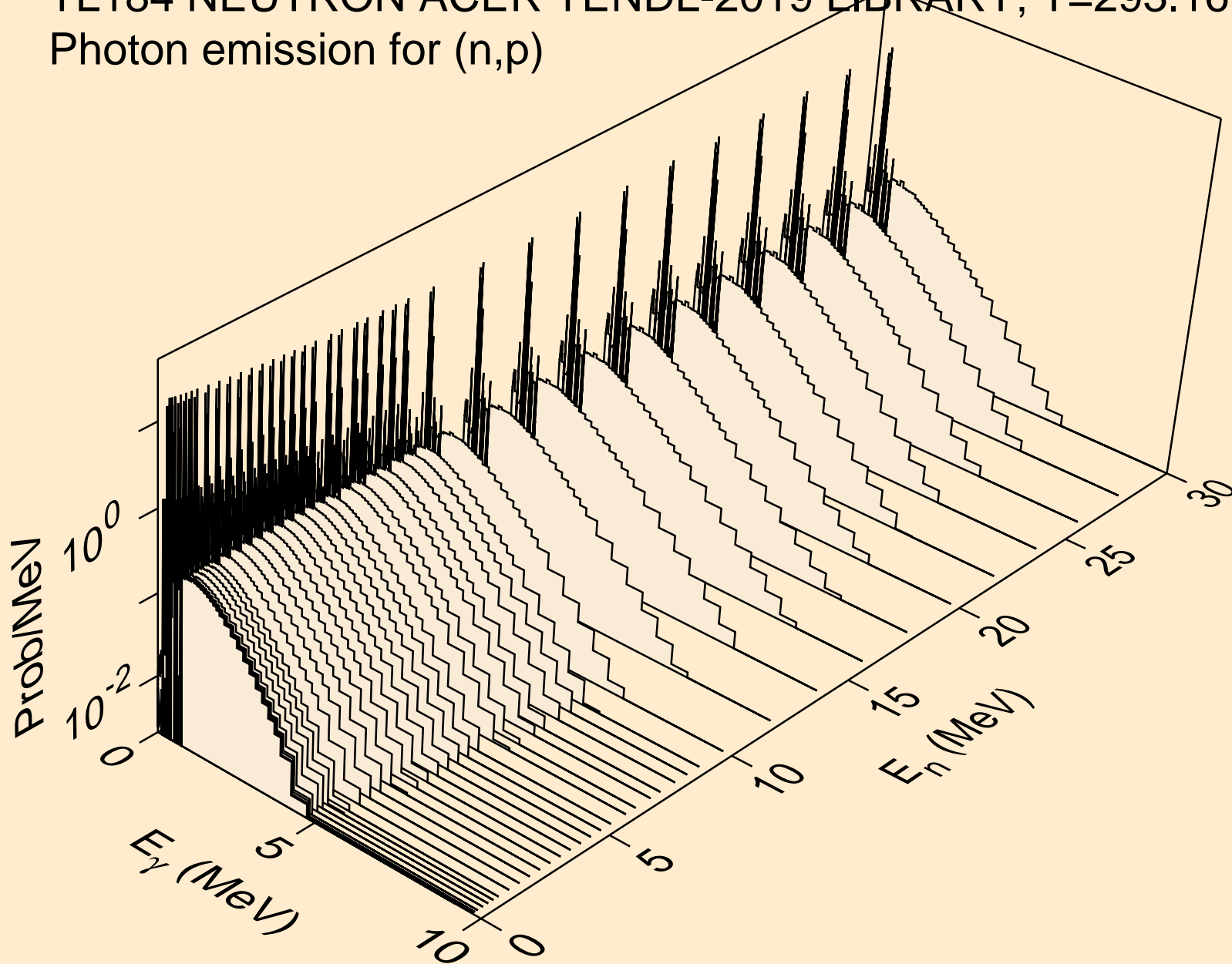




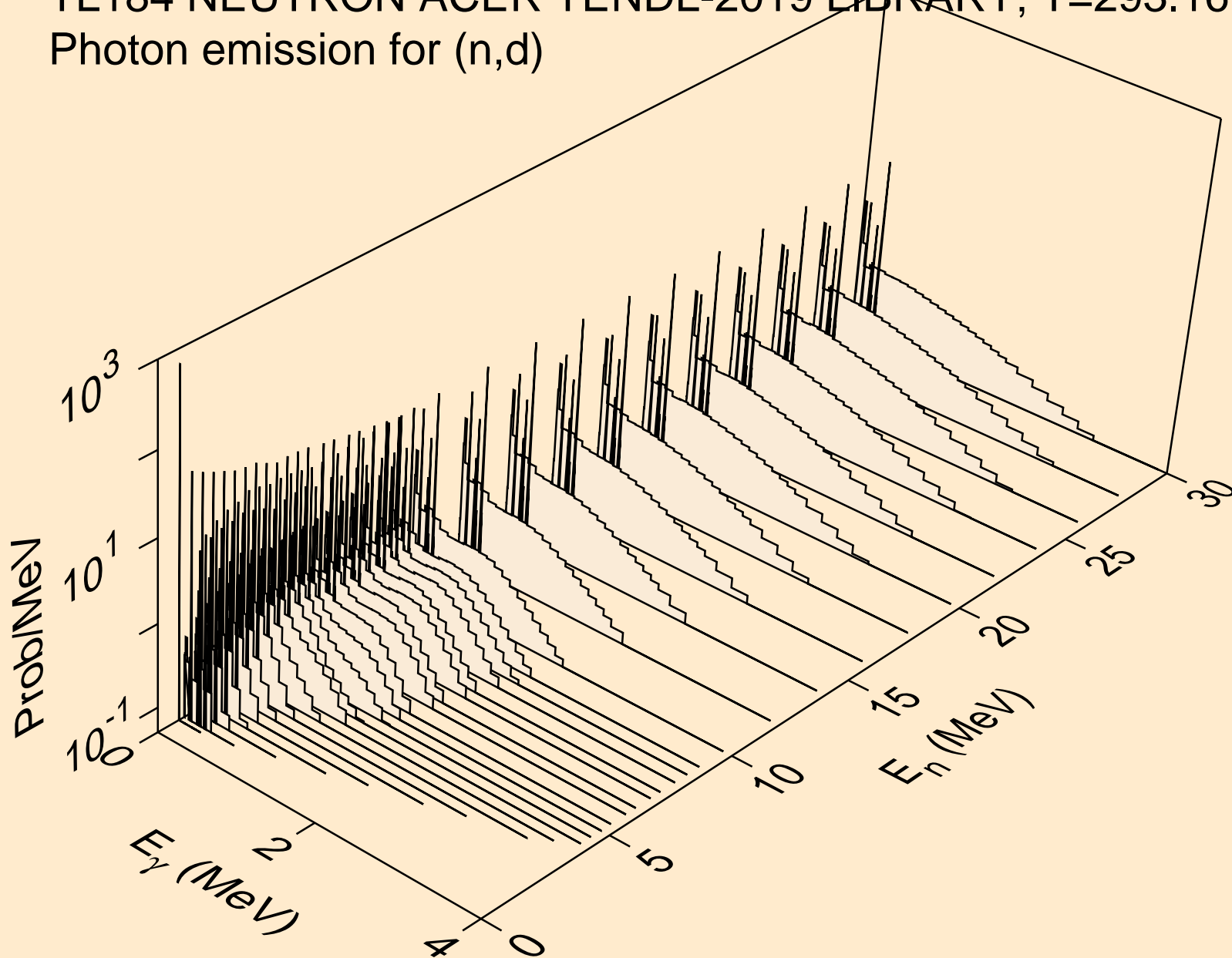
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Photon emission for (n,gma)



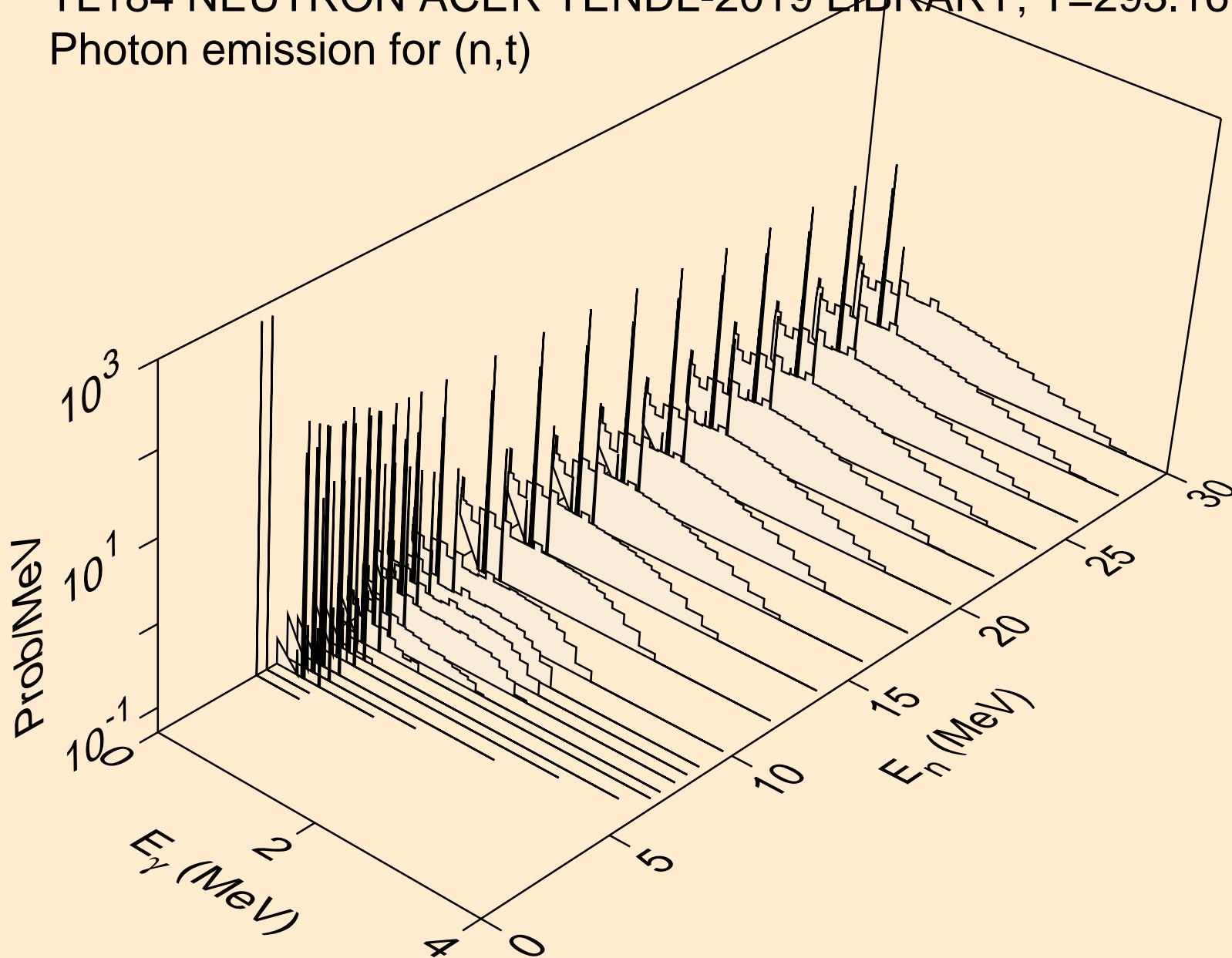
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



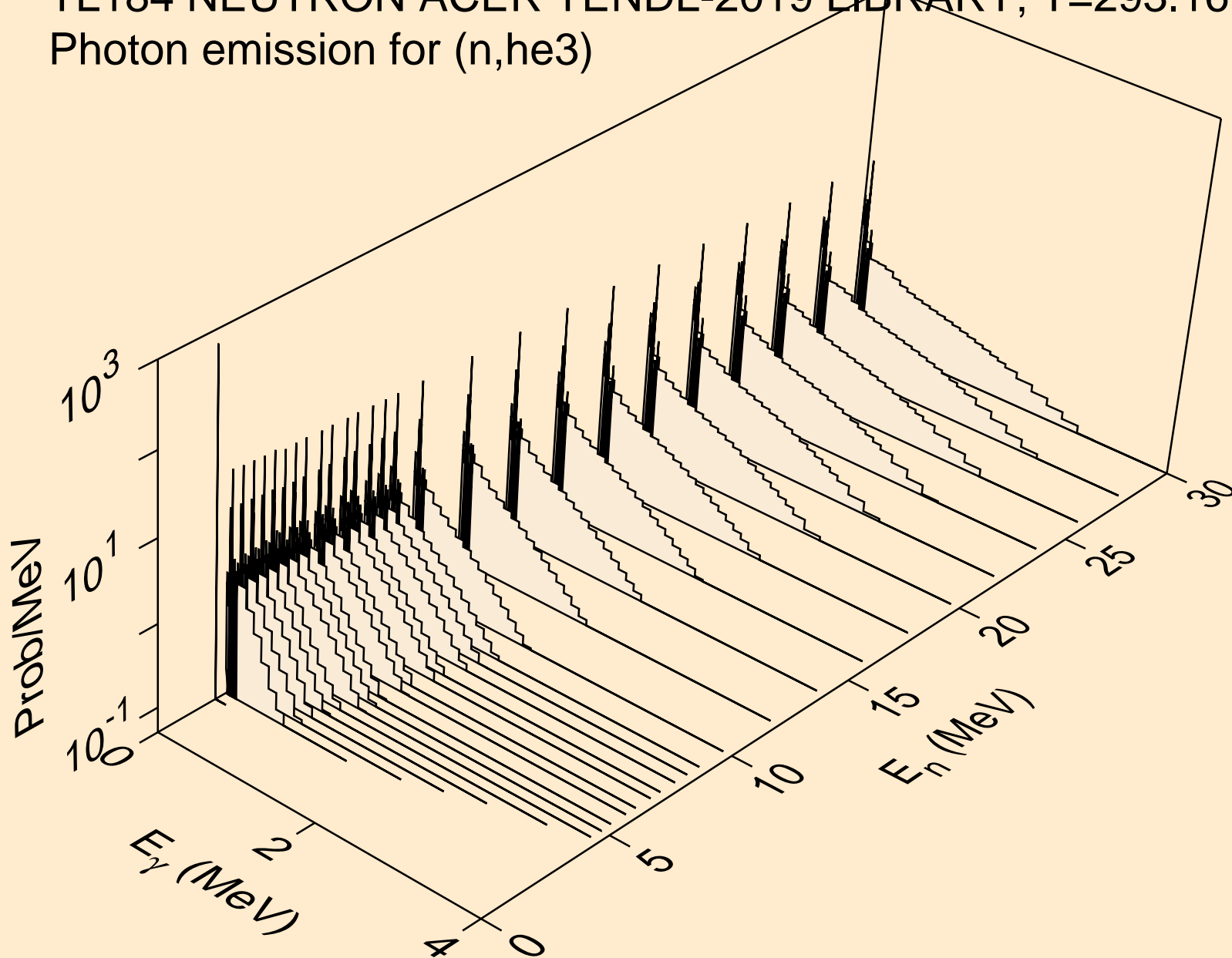
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



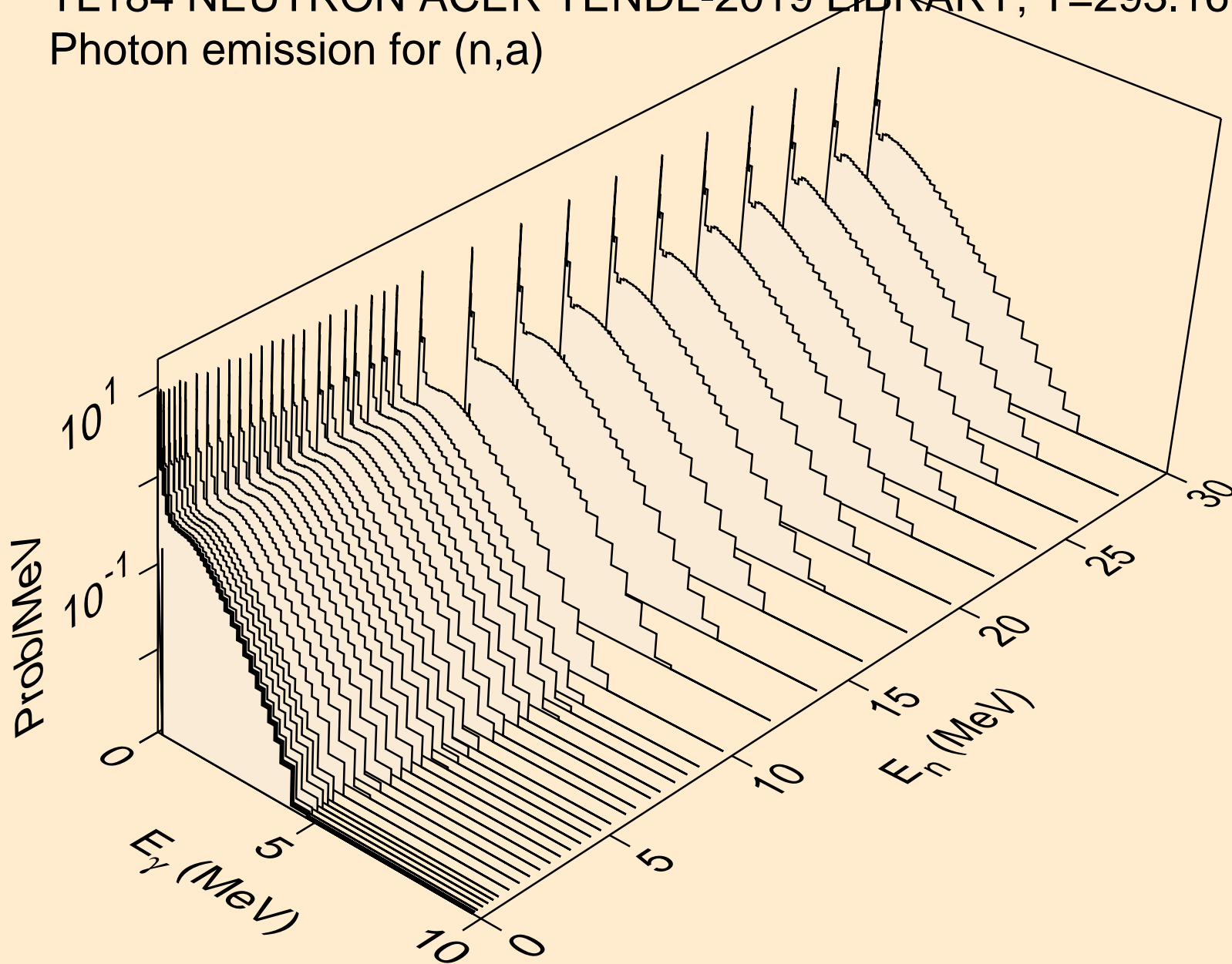
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



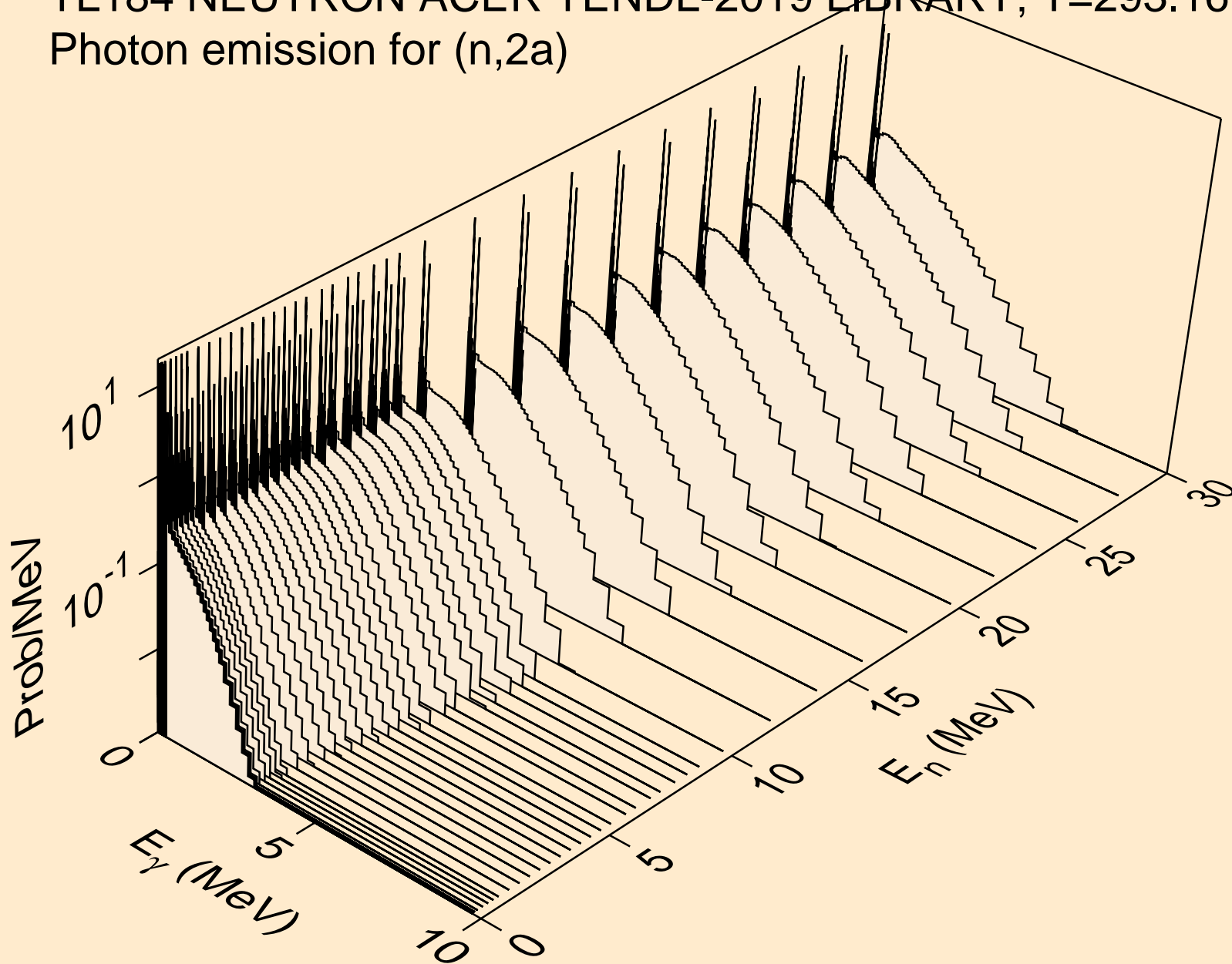
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



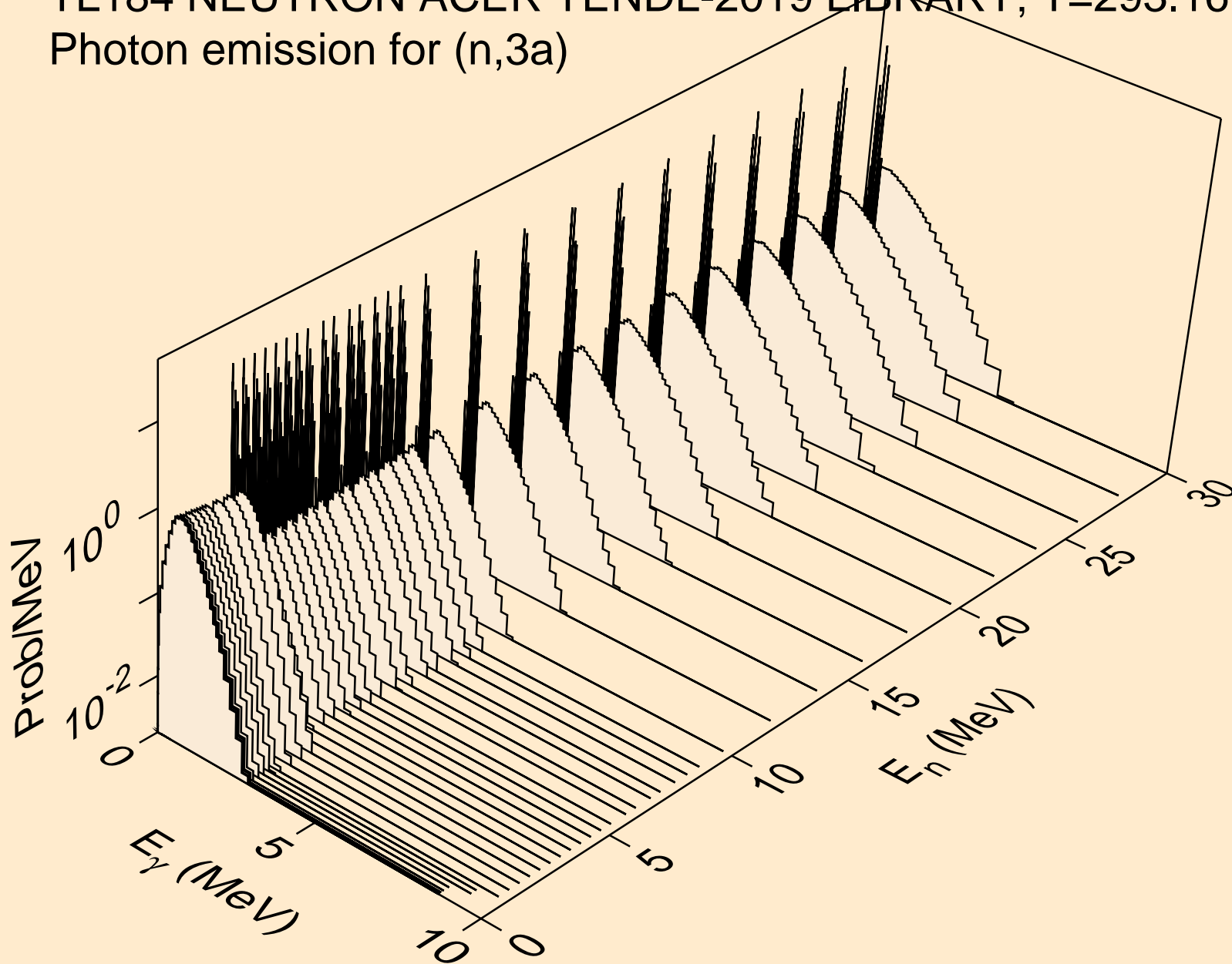
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)

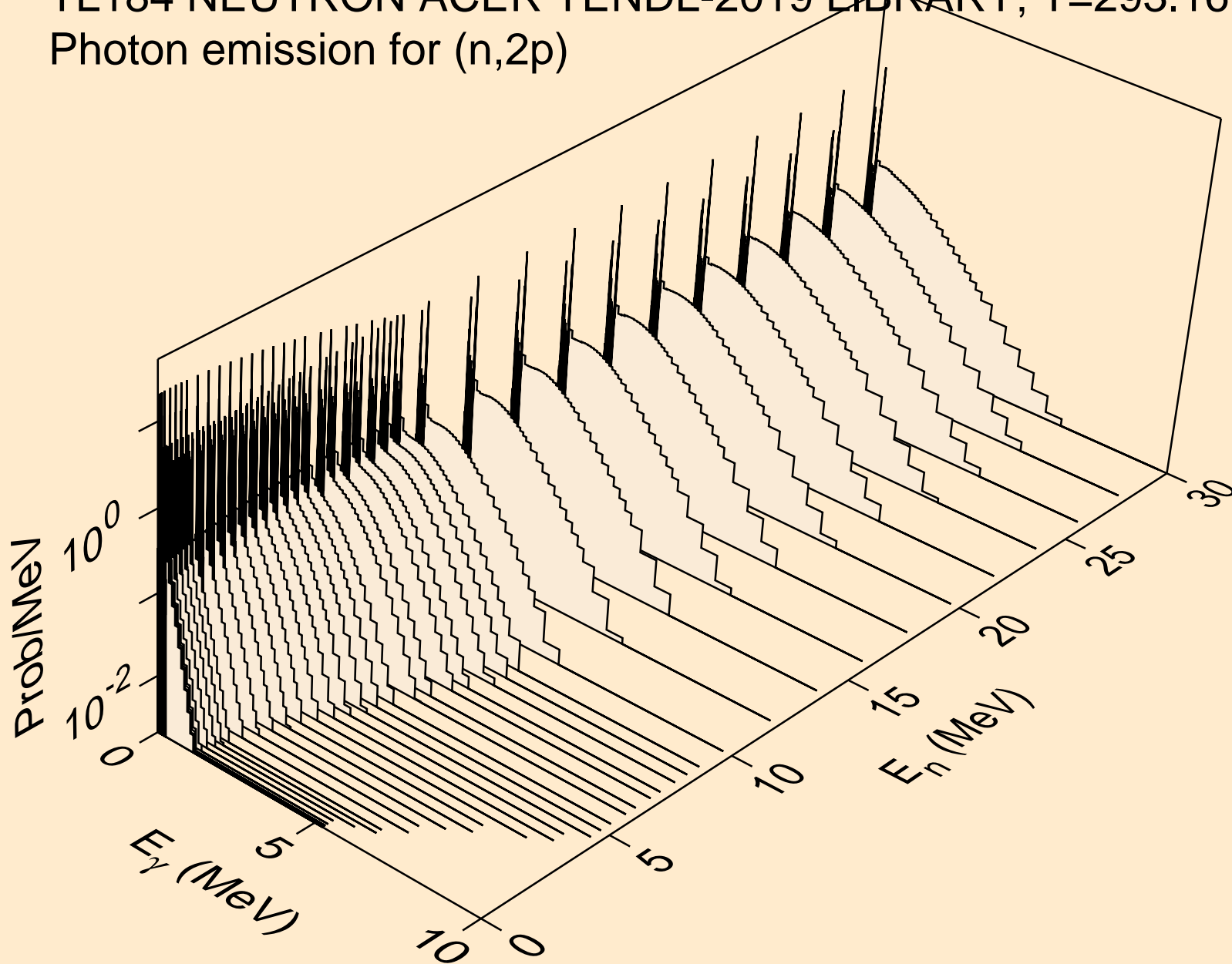


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)

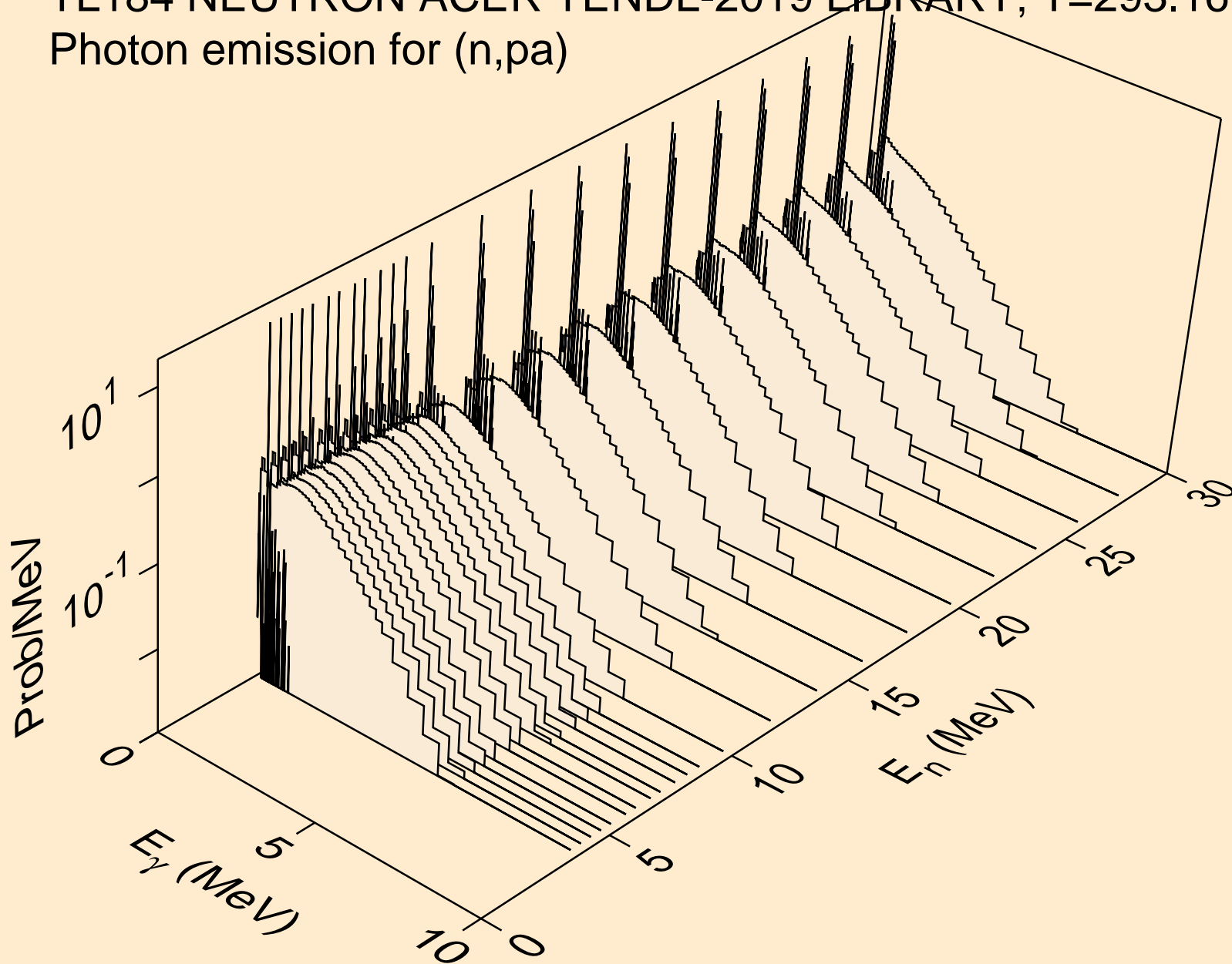




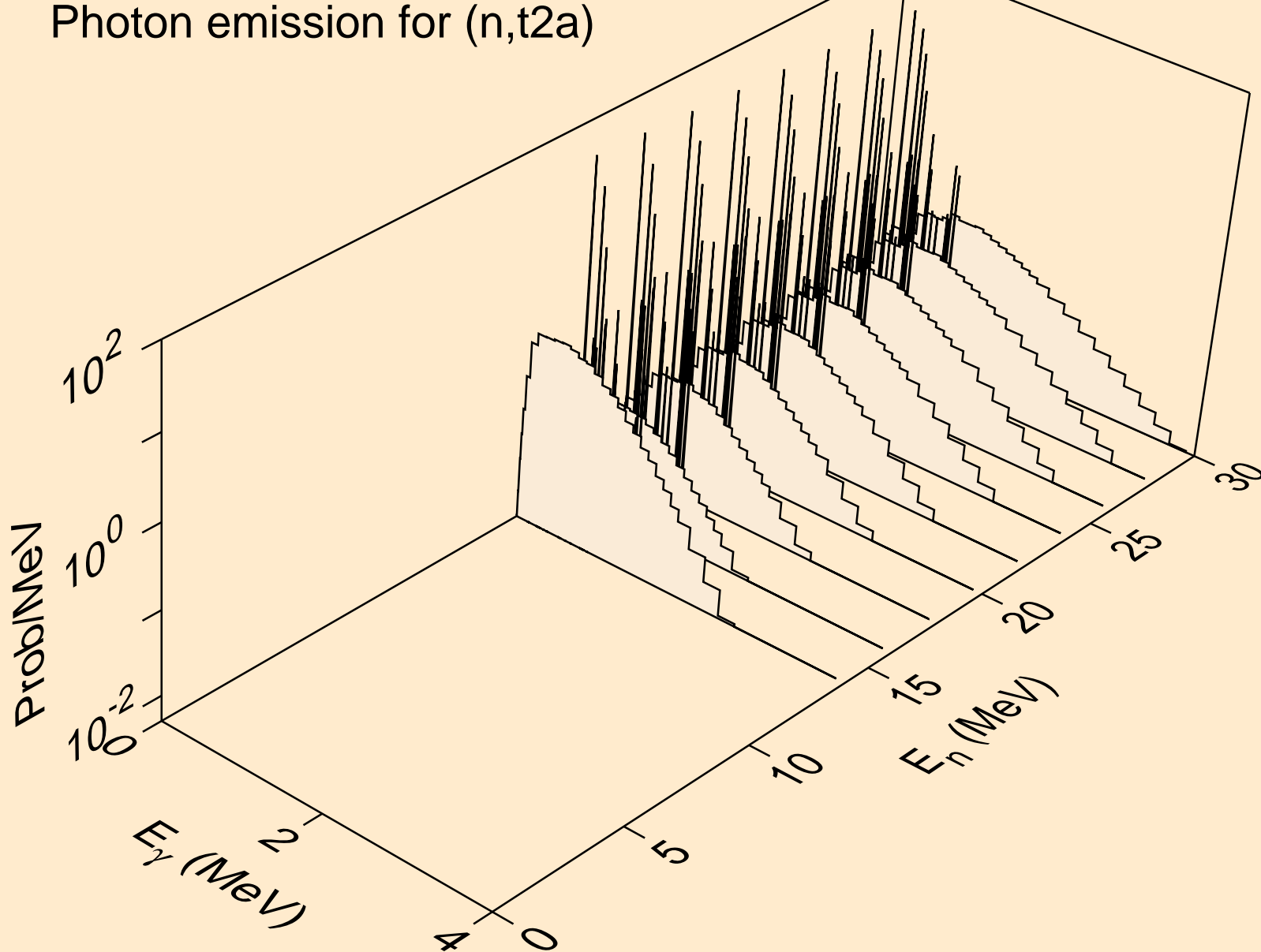
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



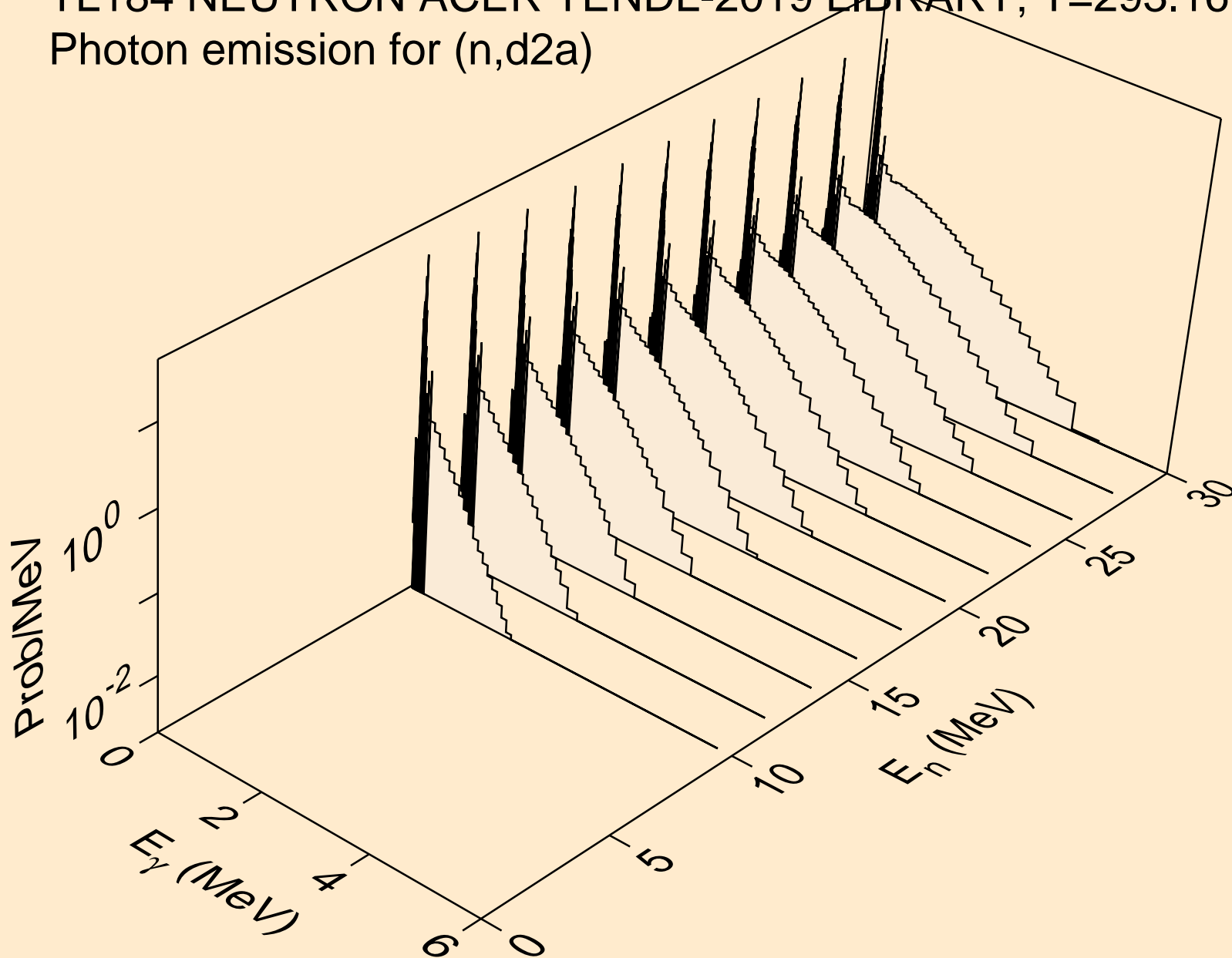
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



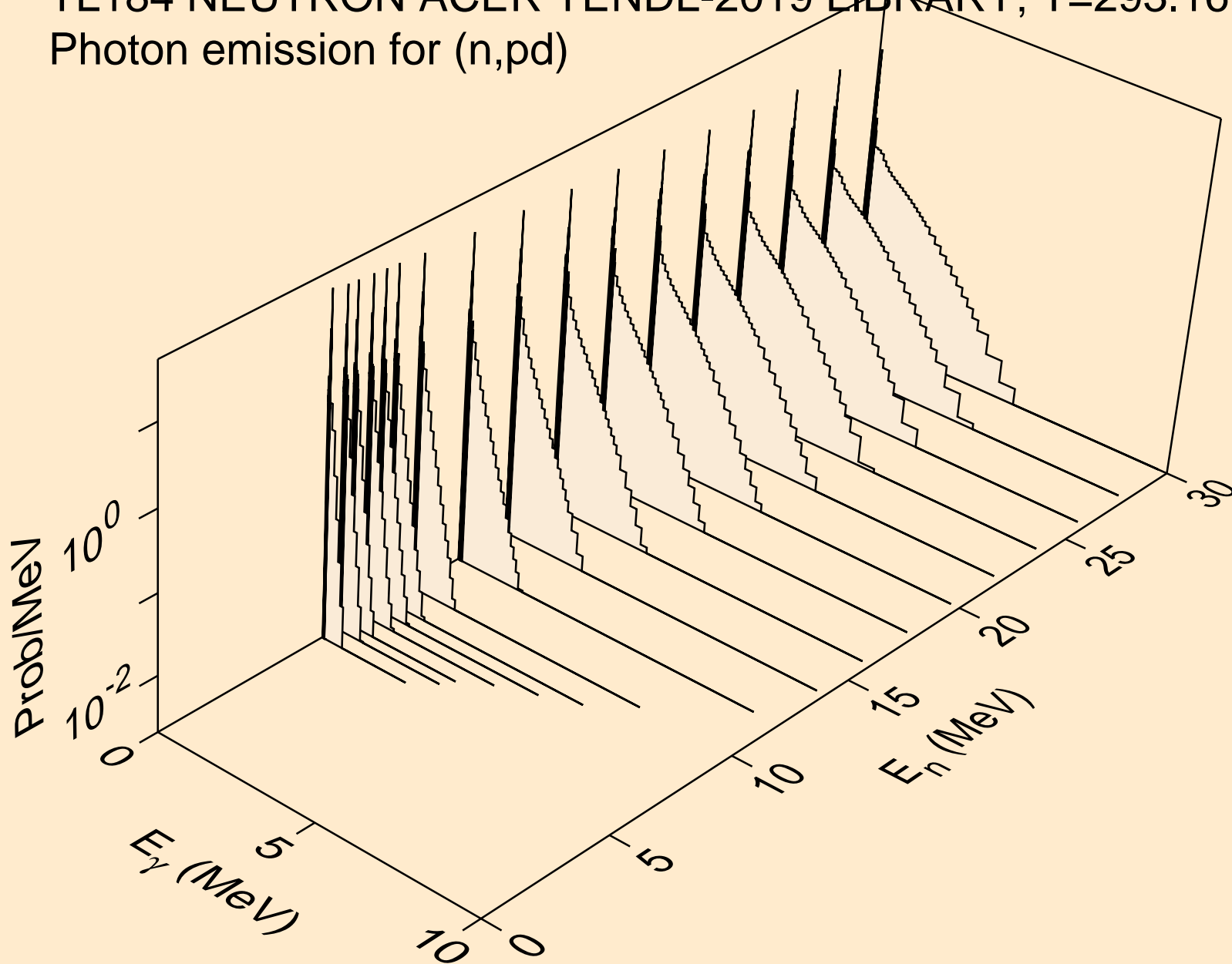
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t2a)



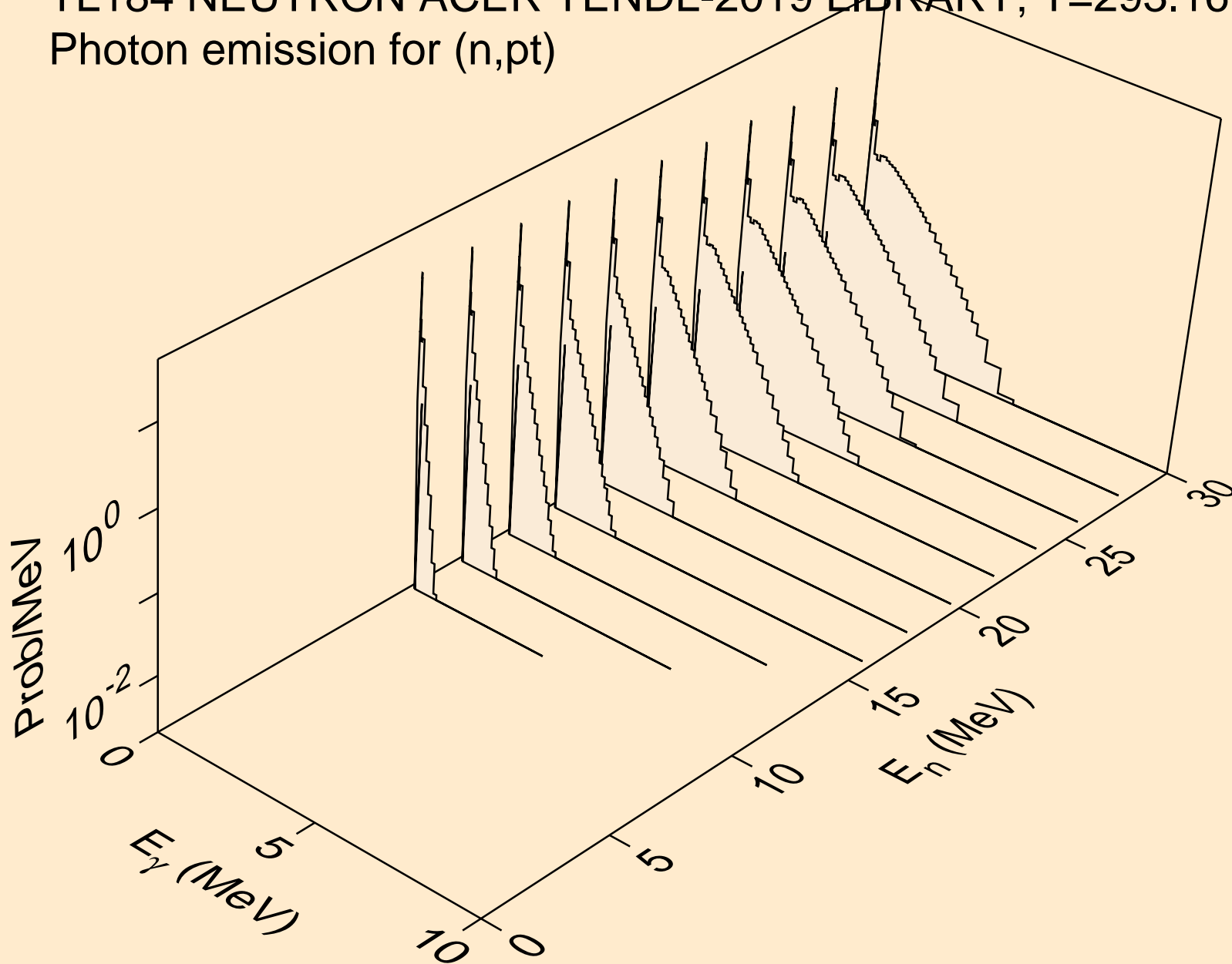
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



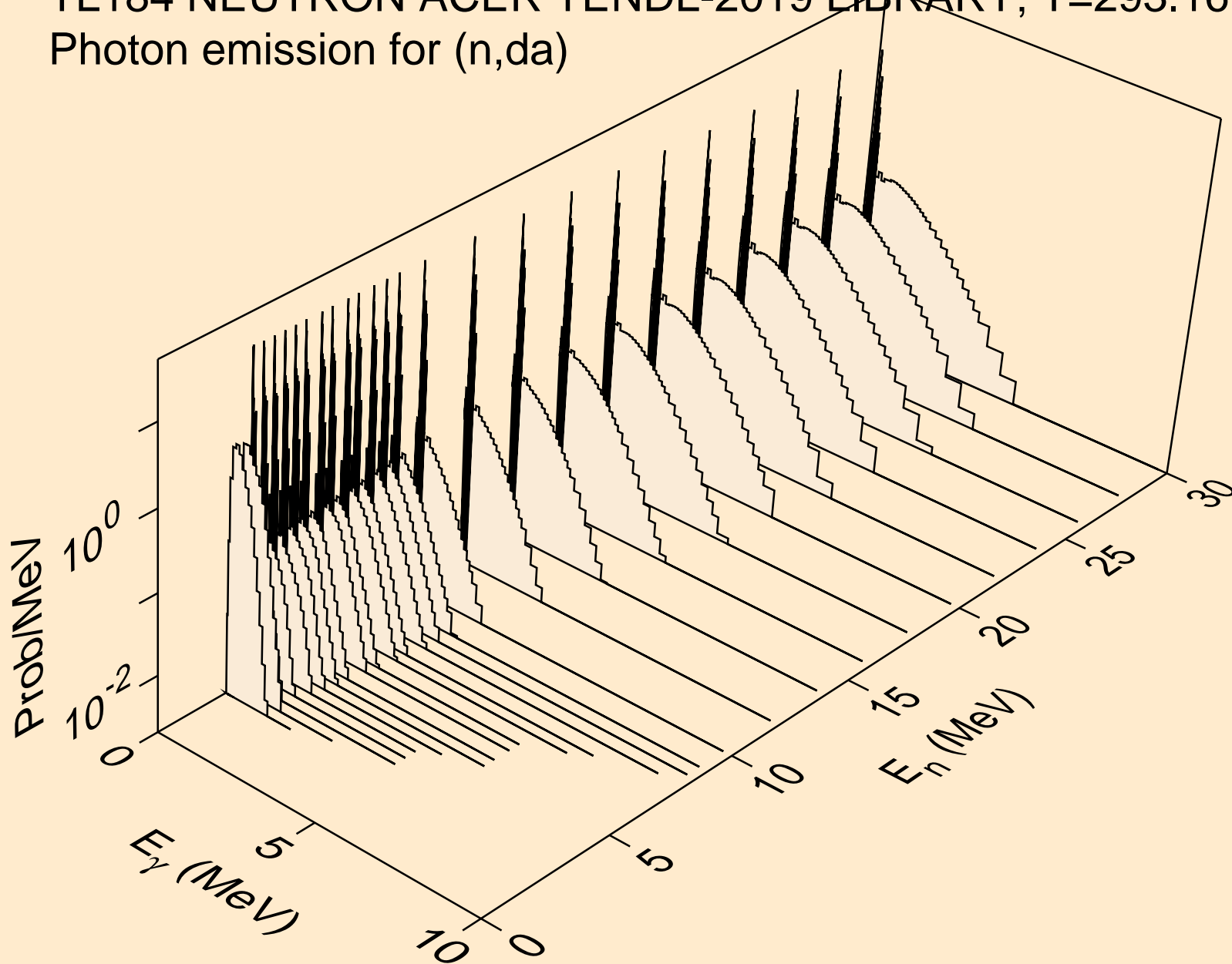
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



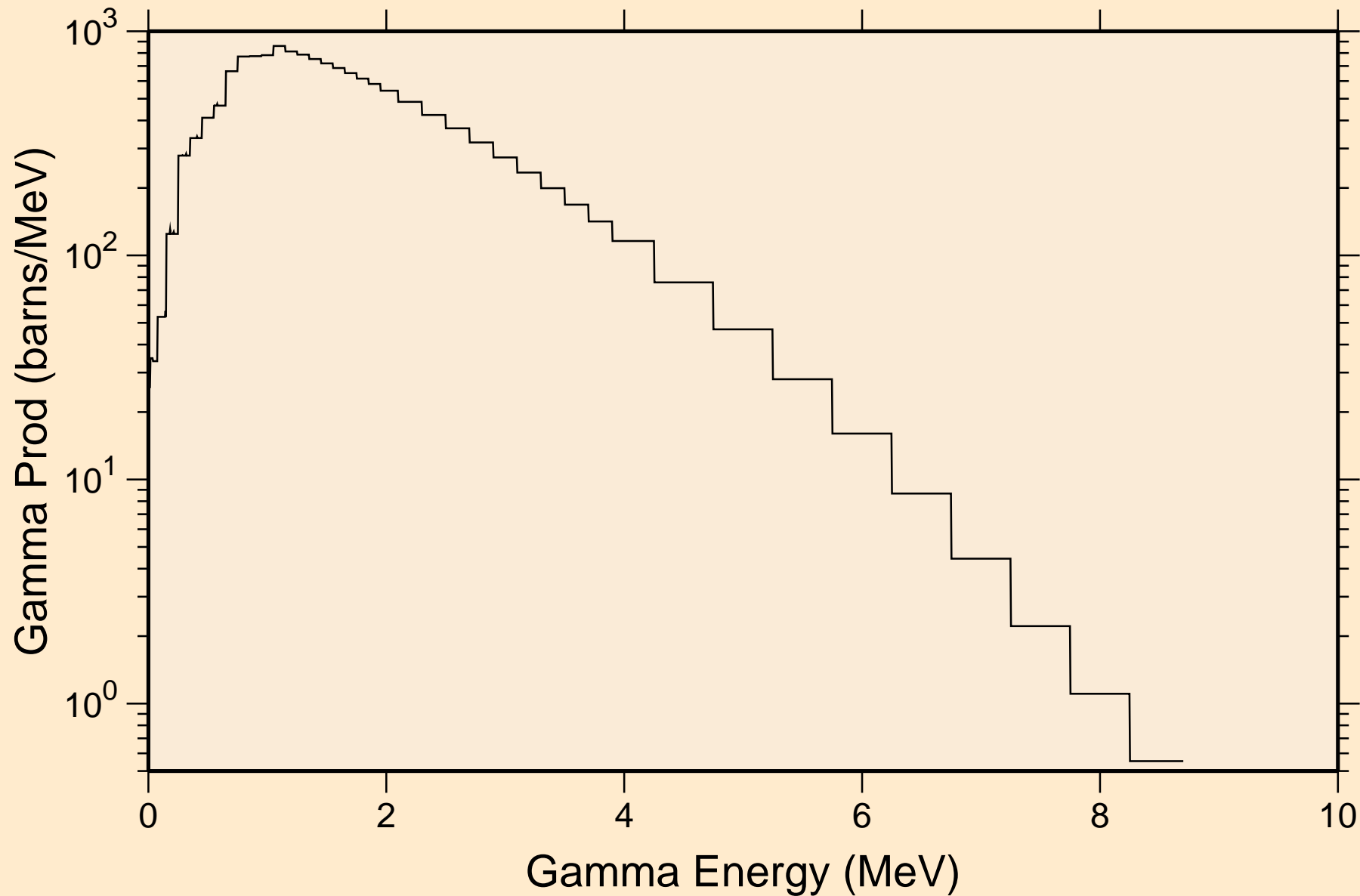
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

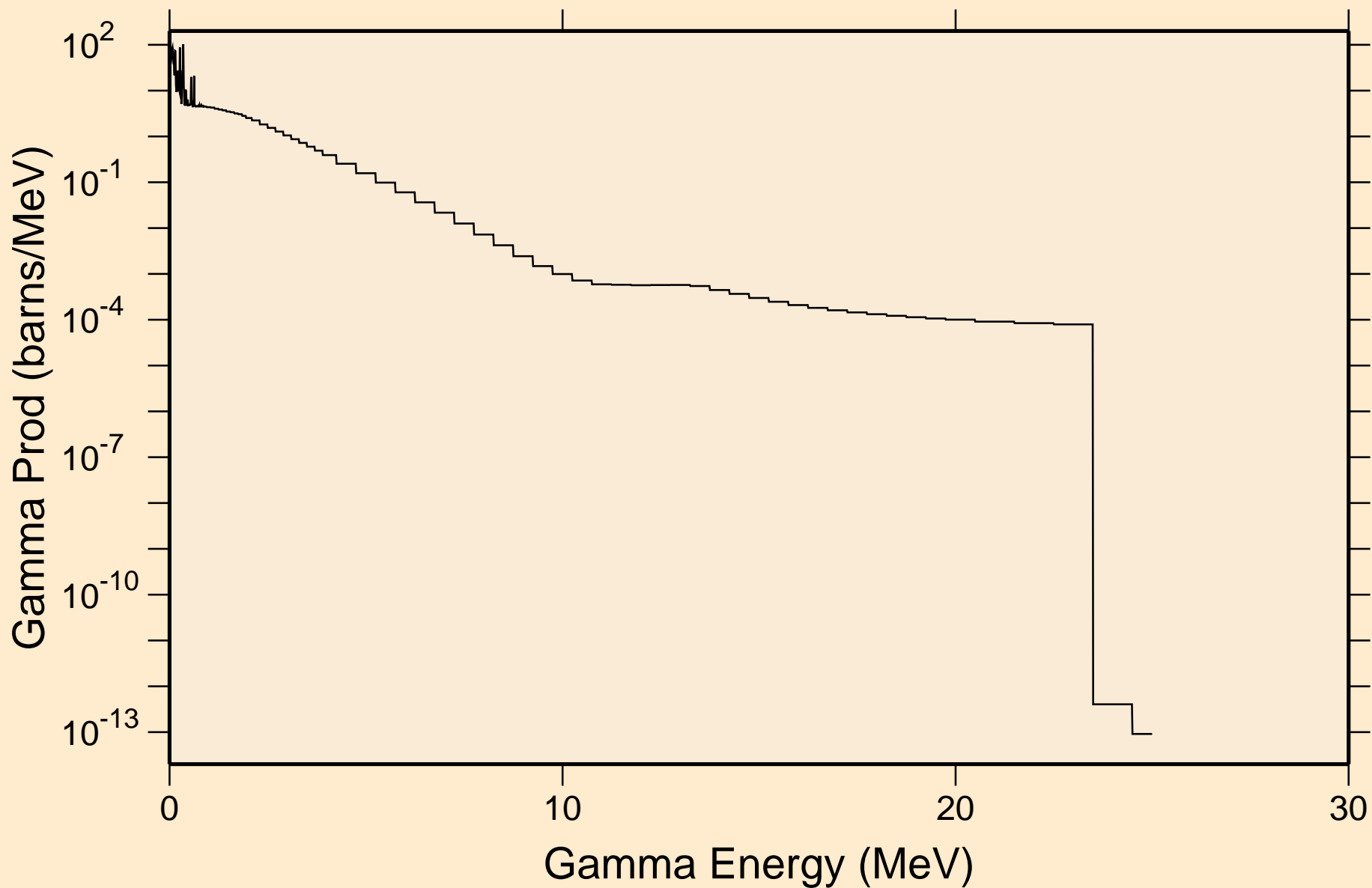


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



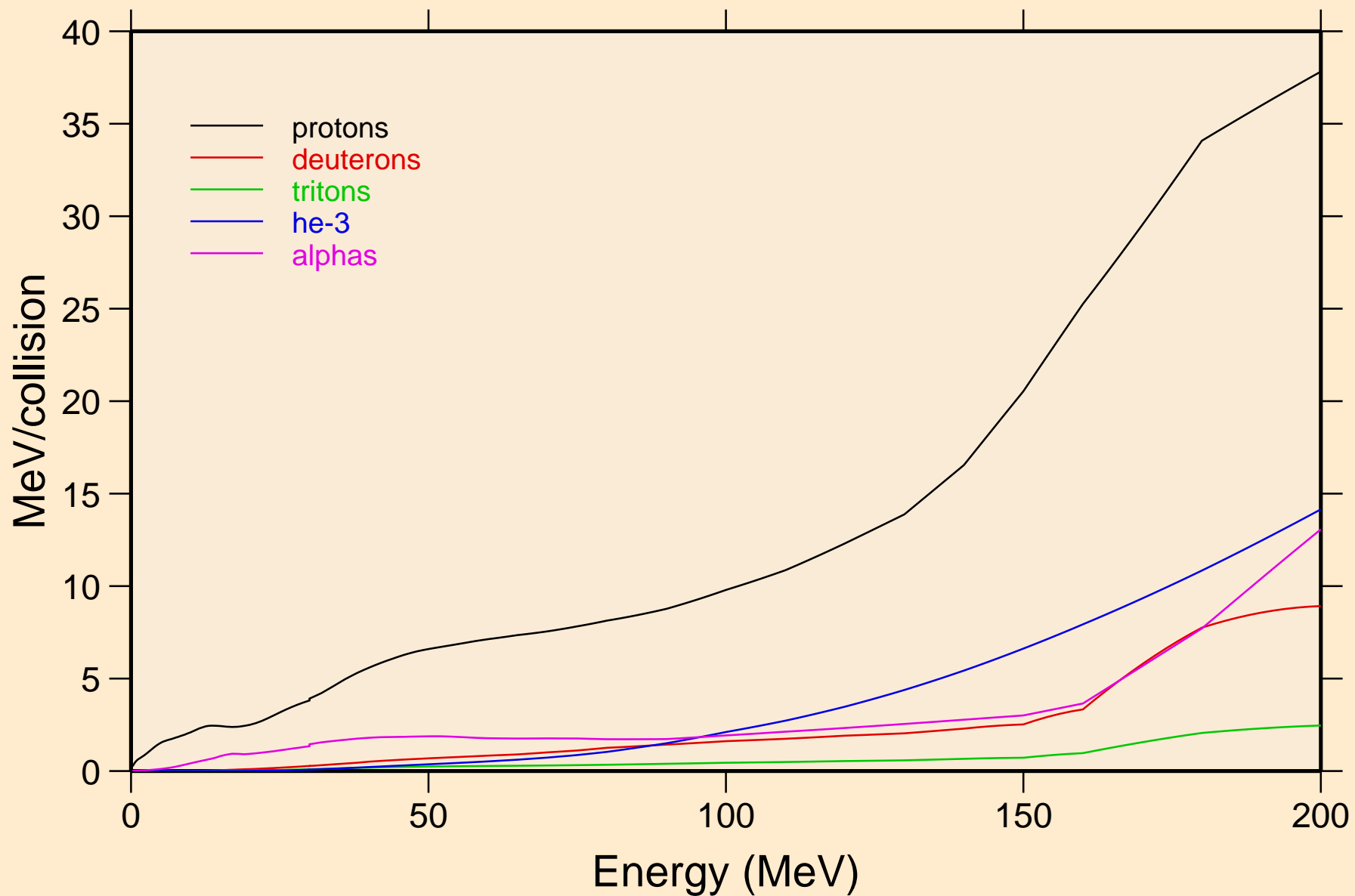


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

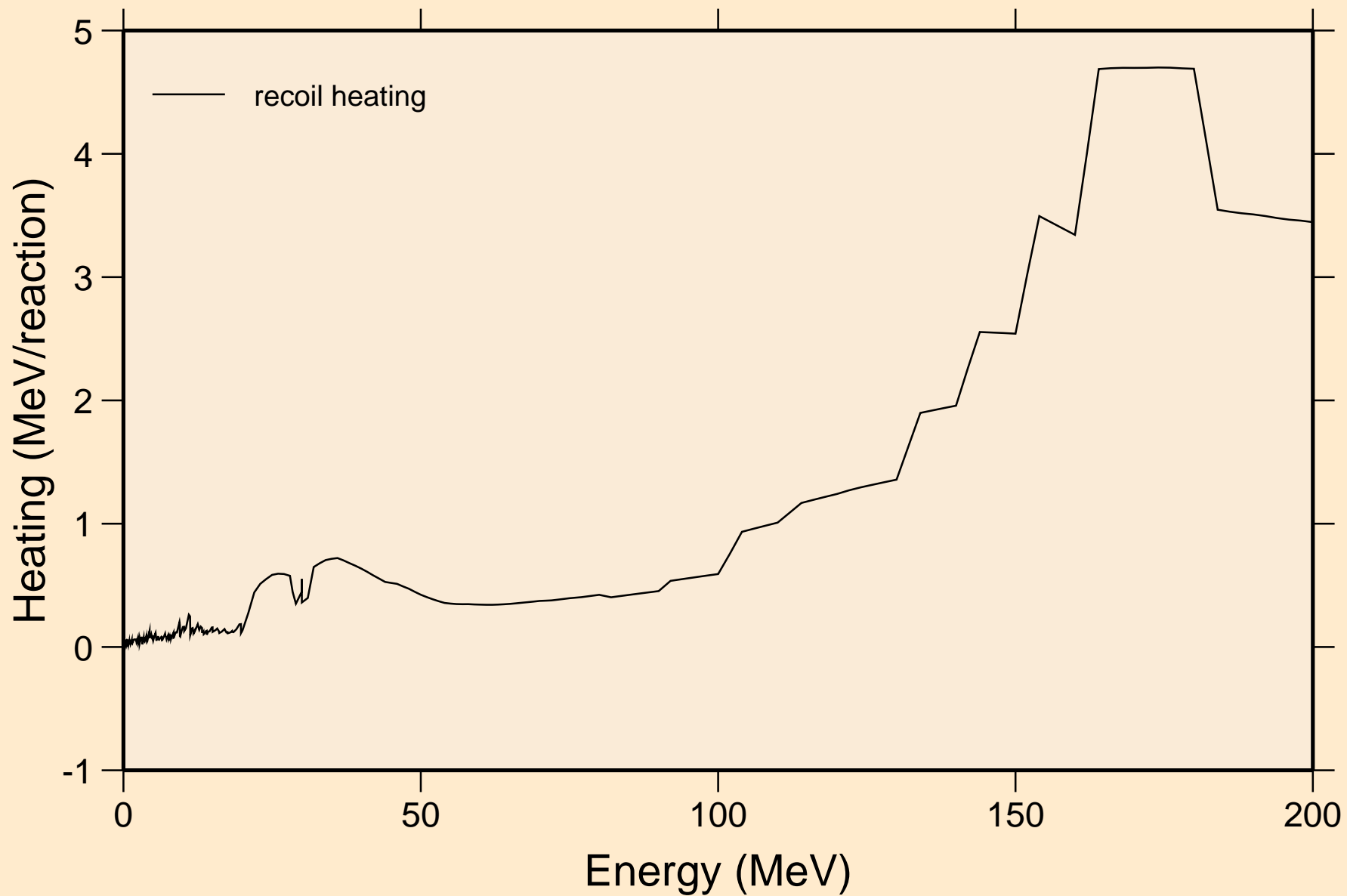


# TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

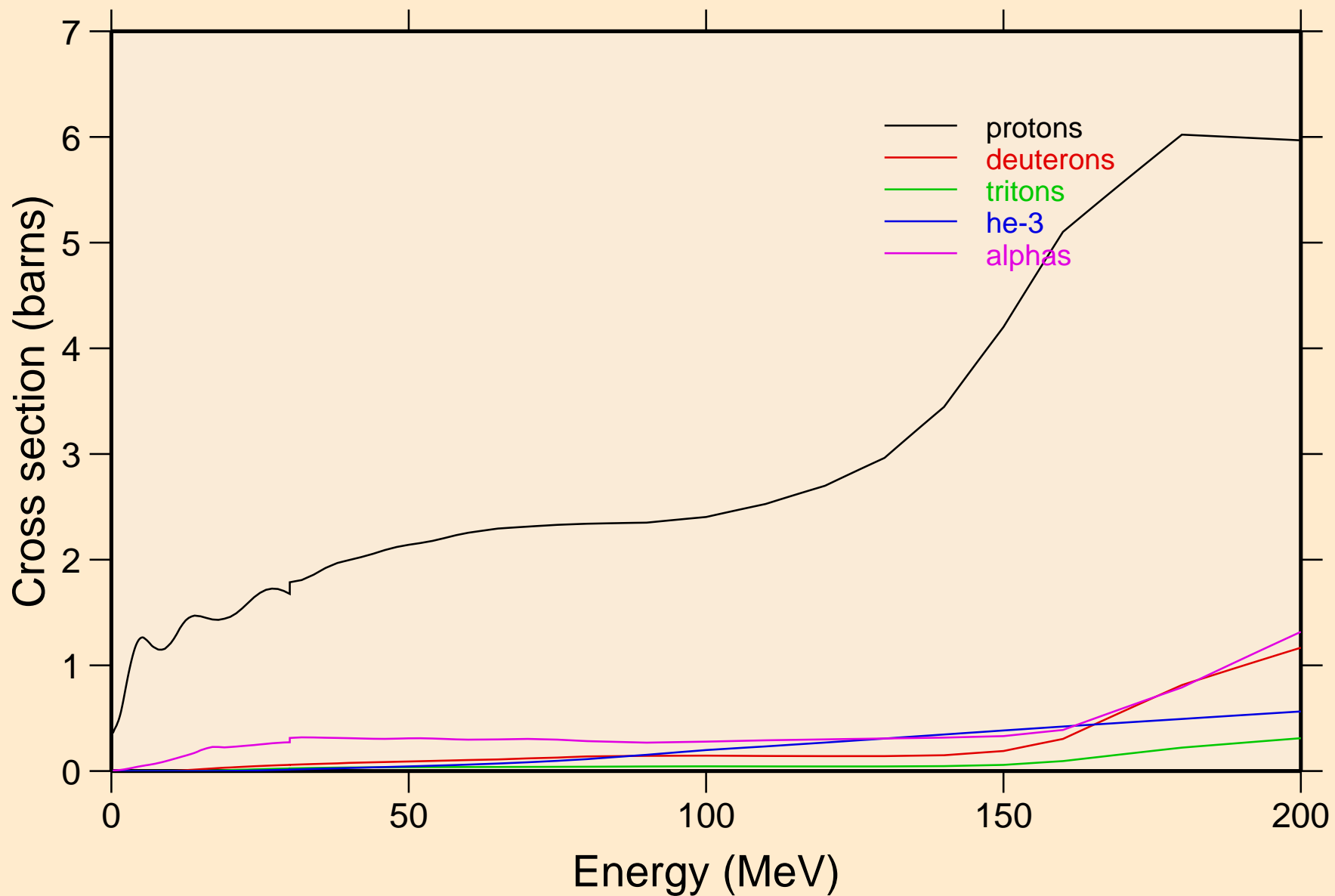
## Particle heating contributions



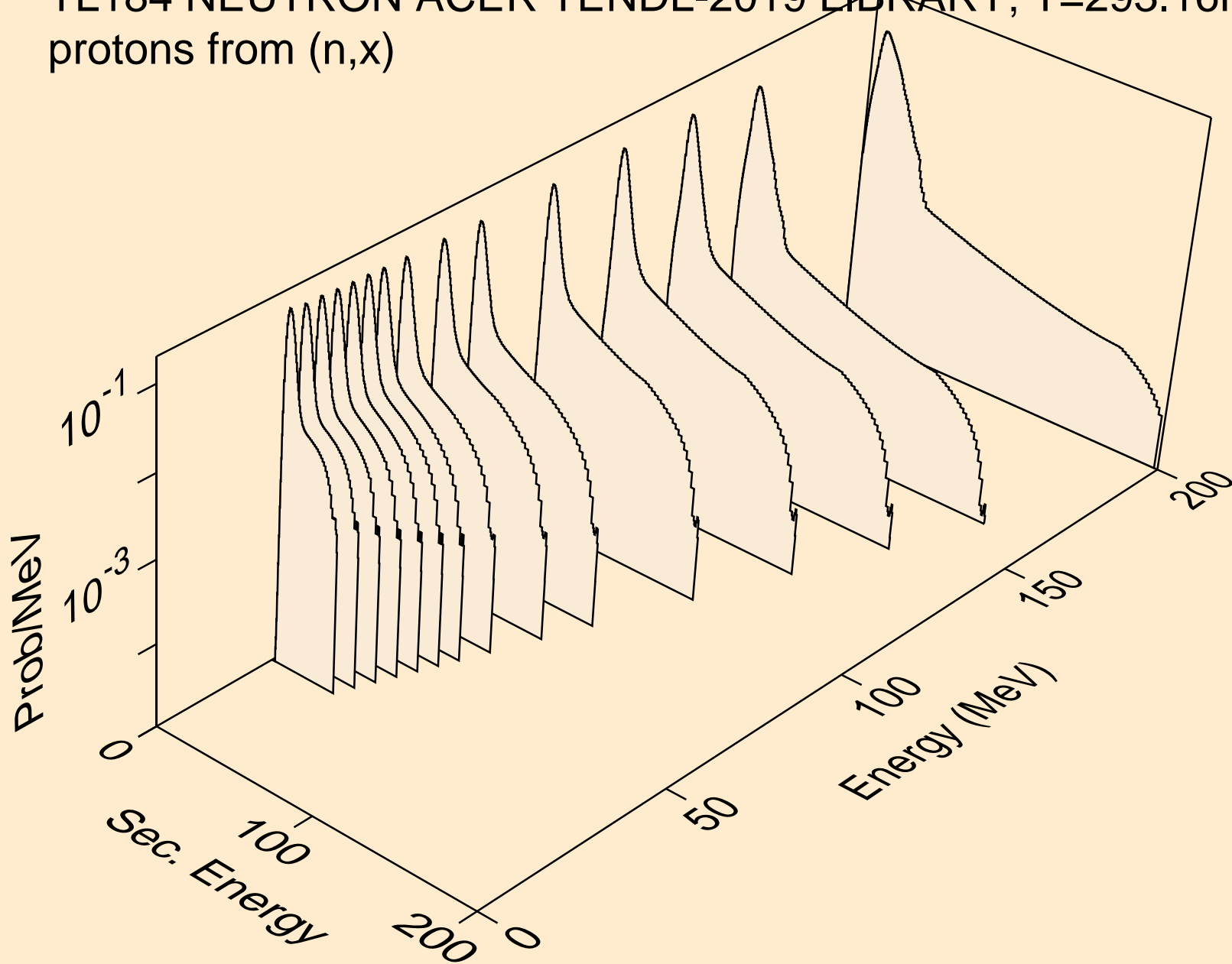
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



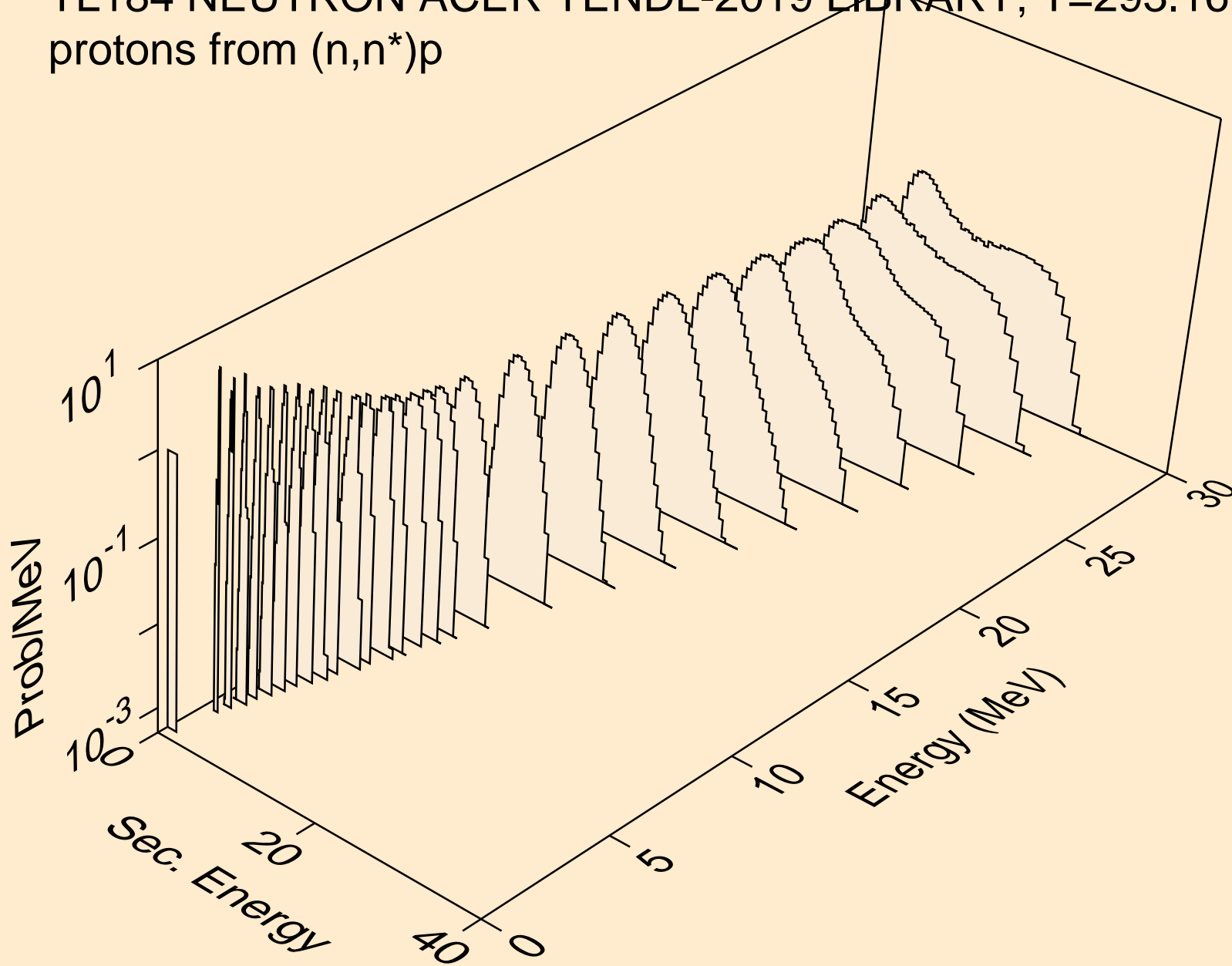
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



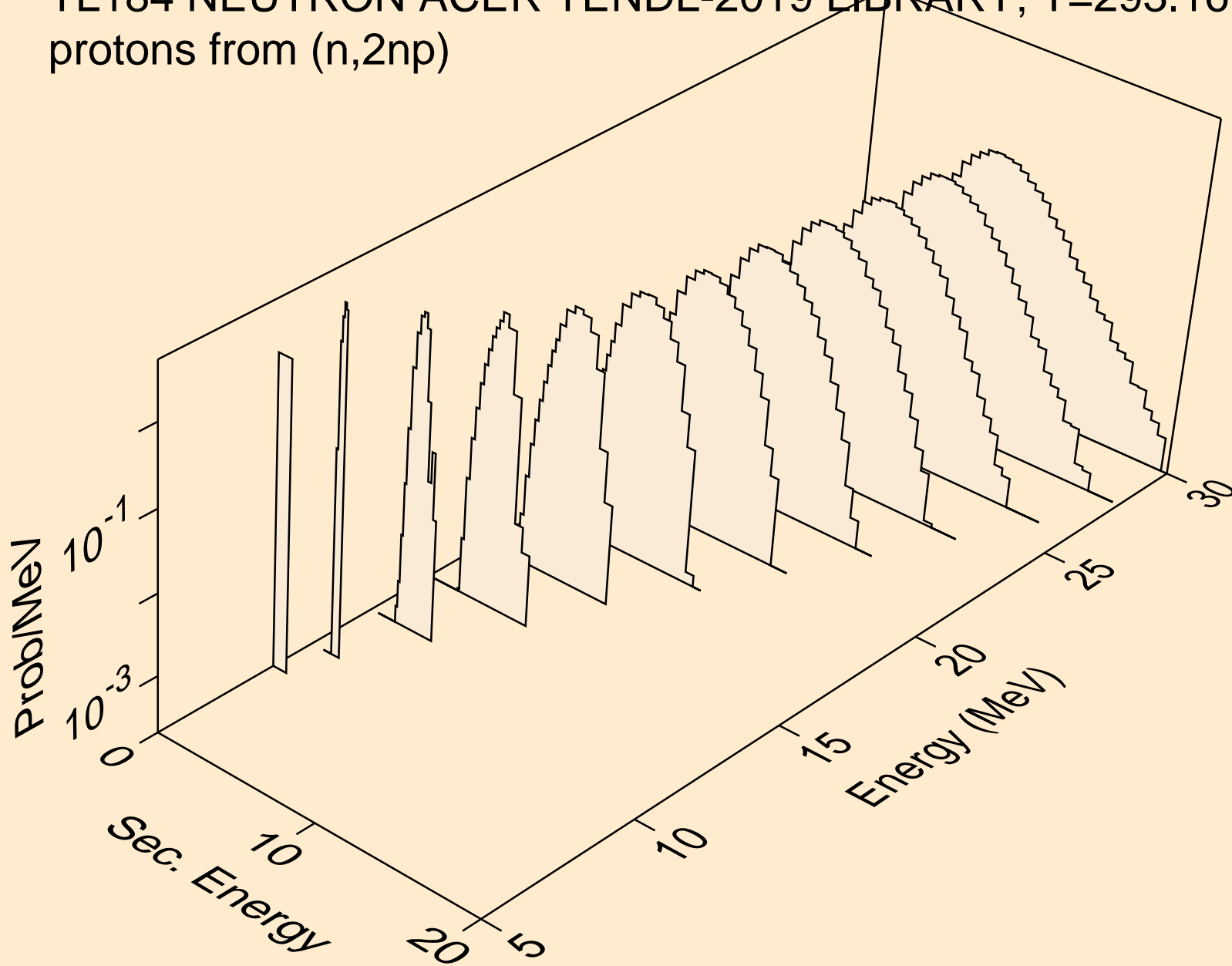
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



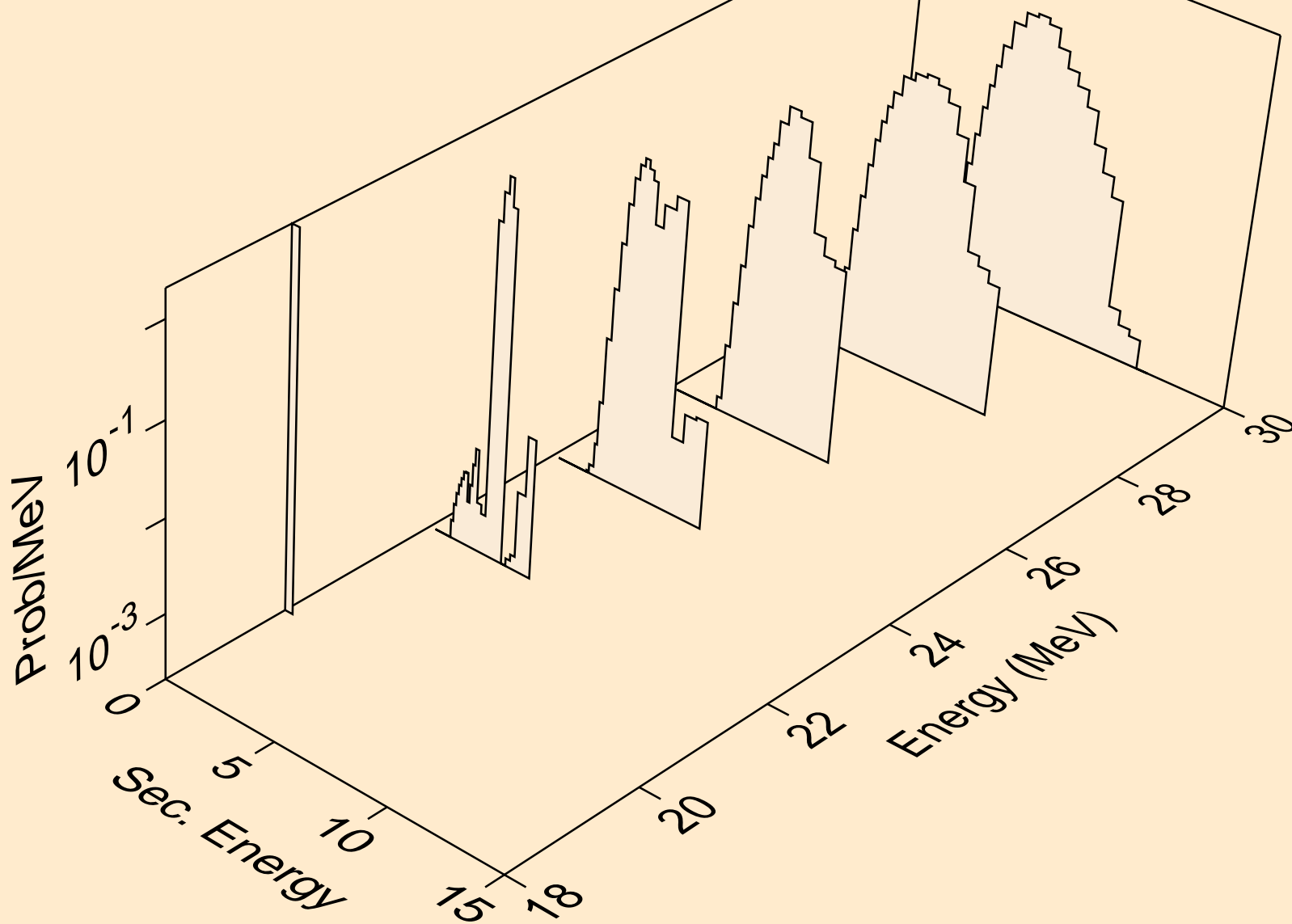
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

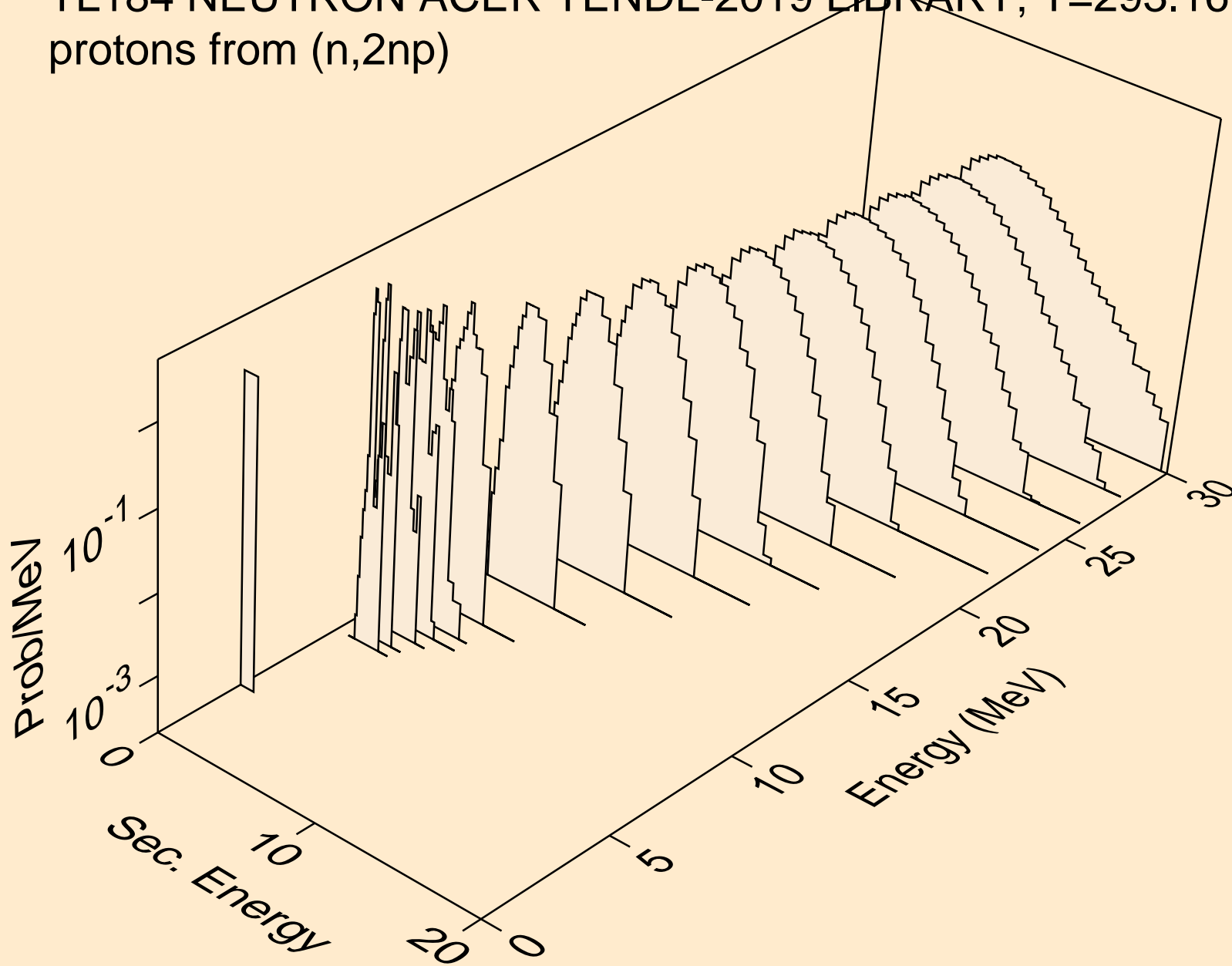


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

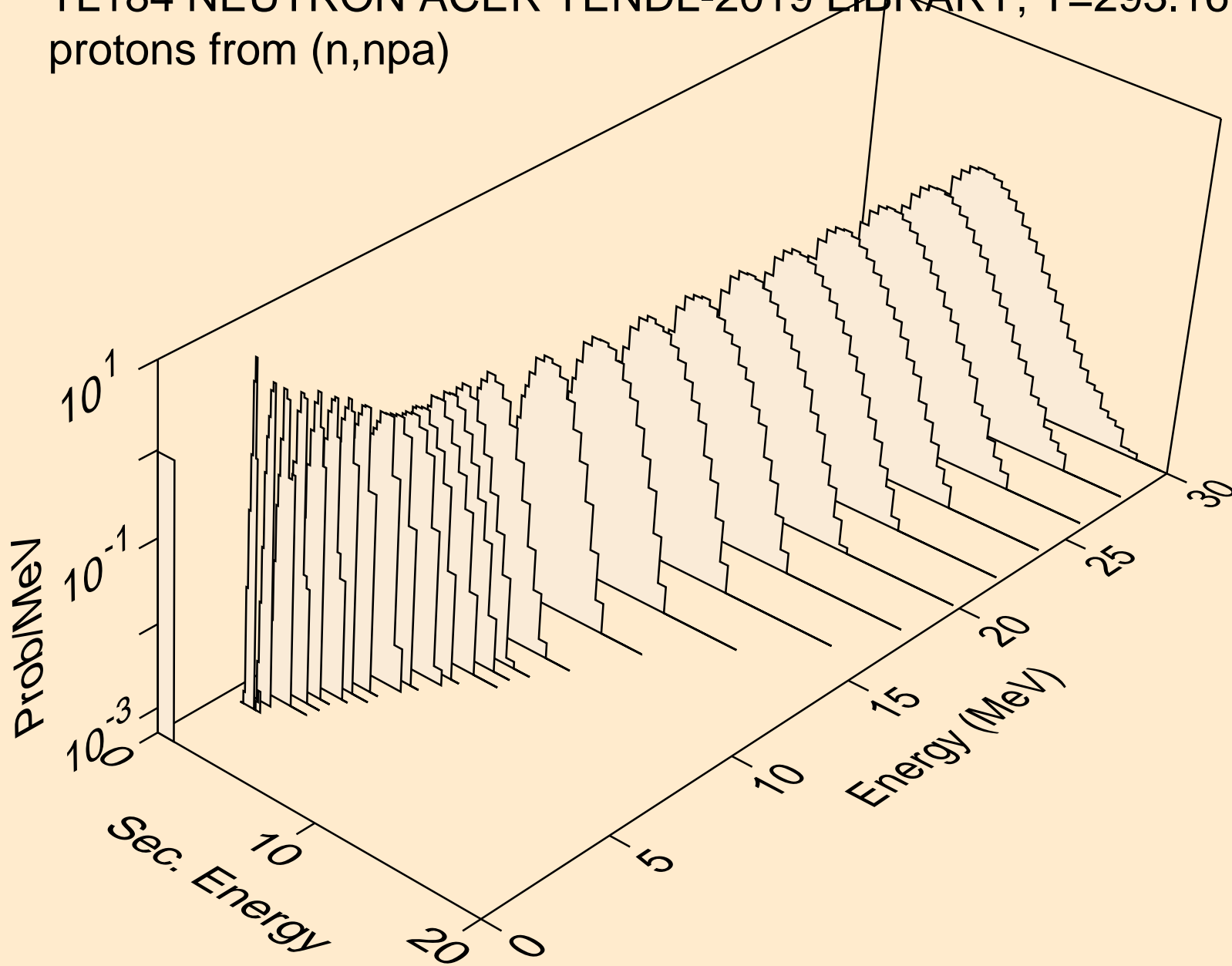




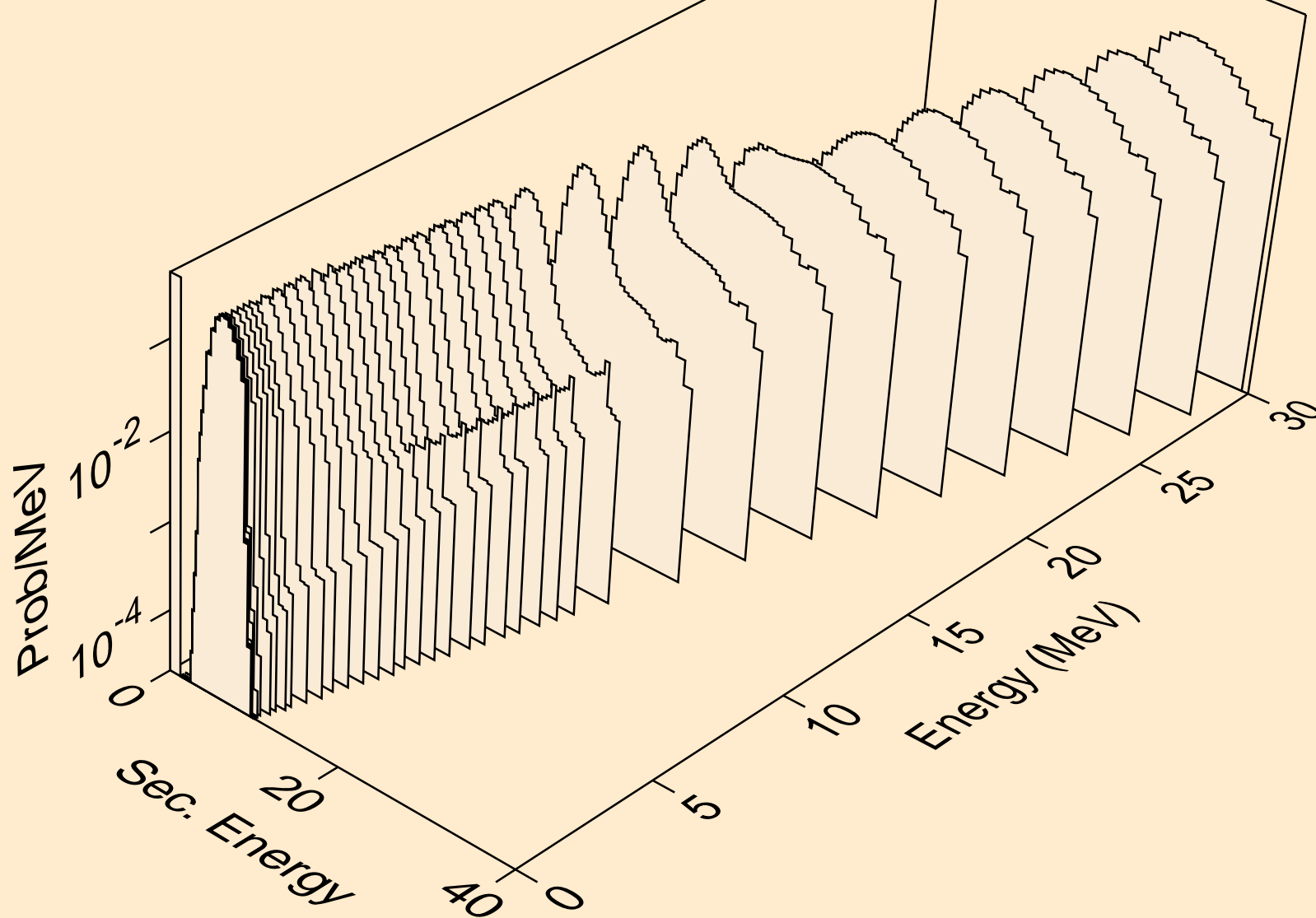
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



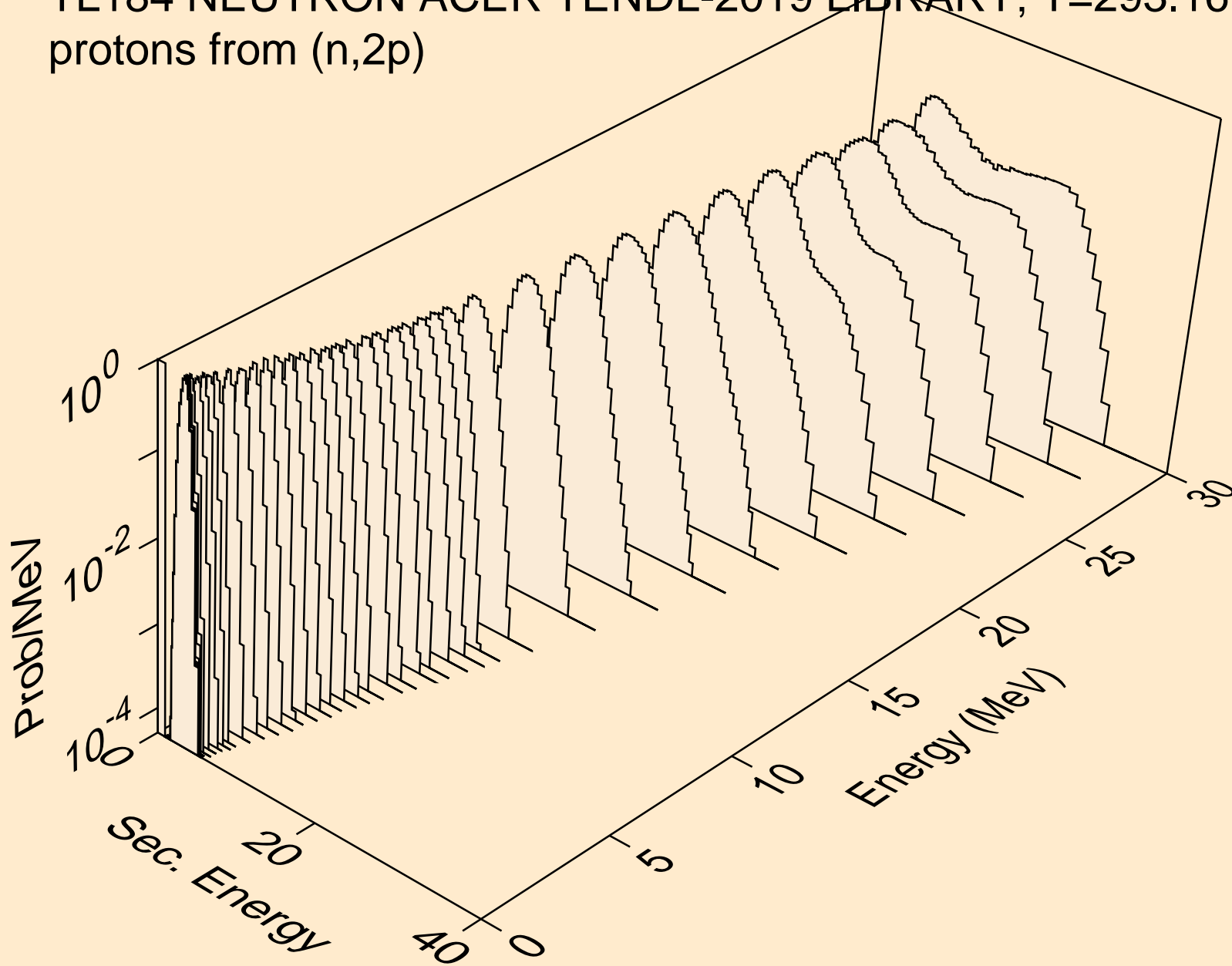
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



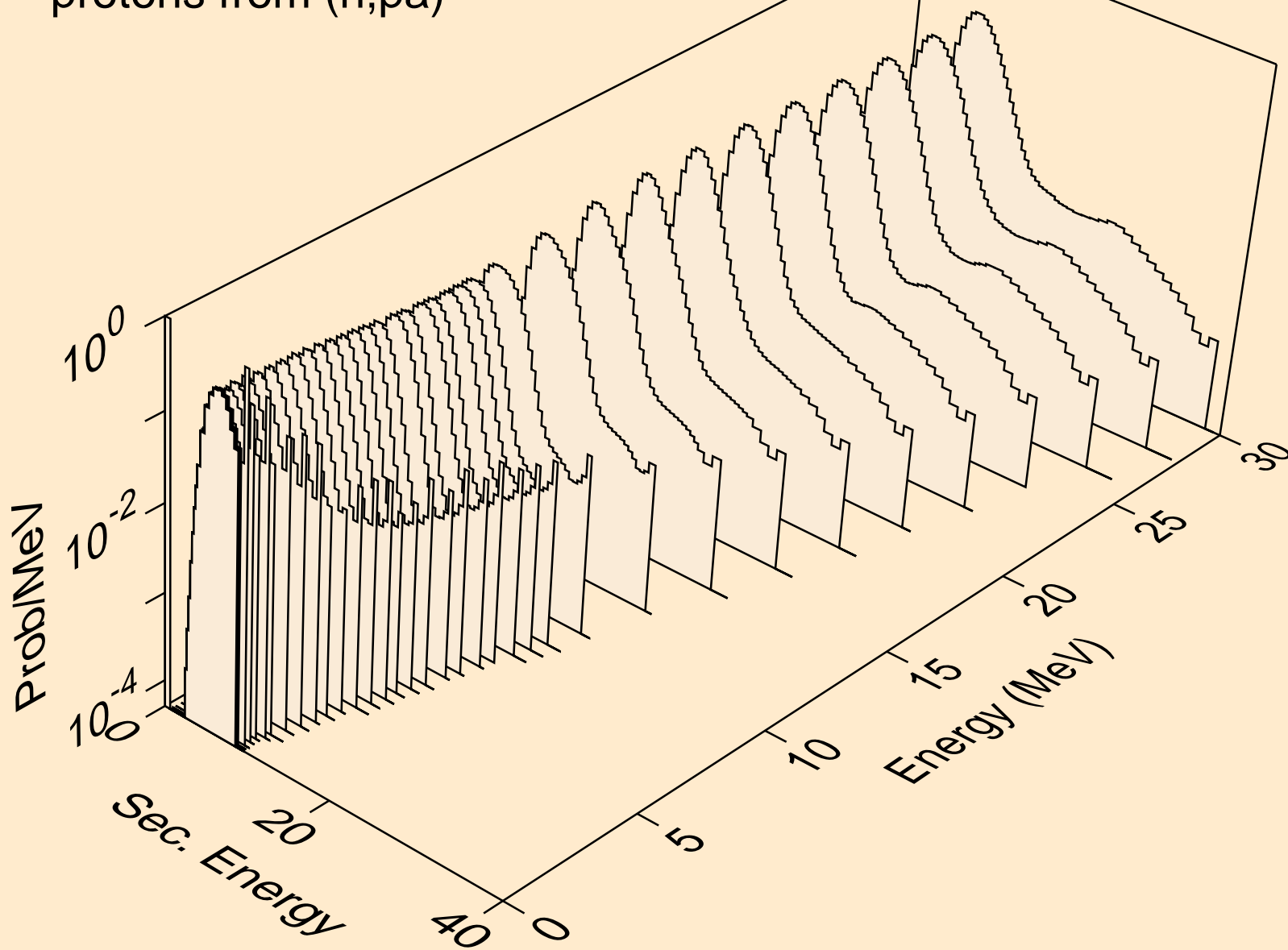
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



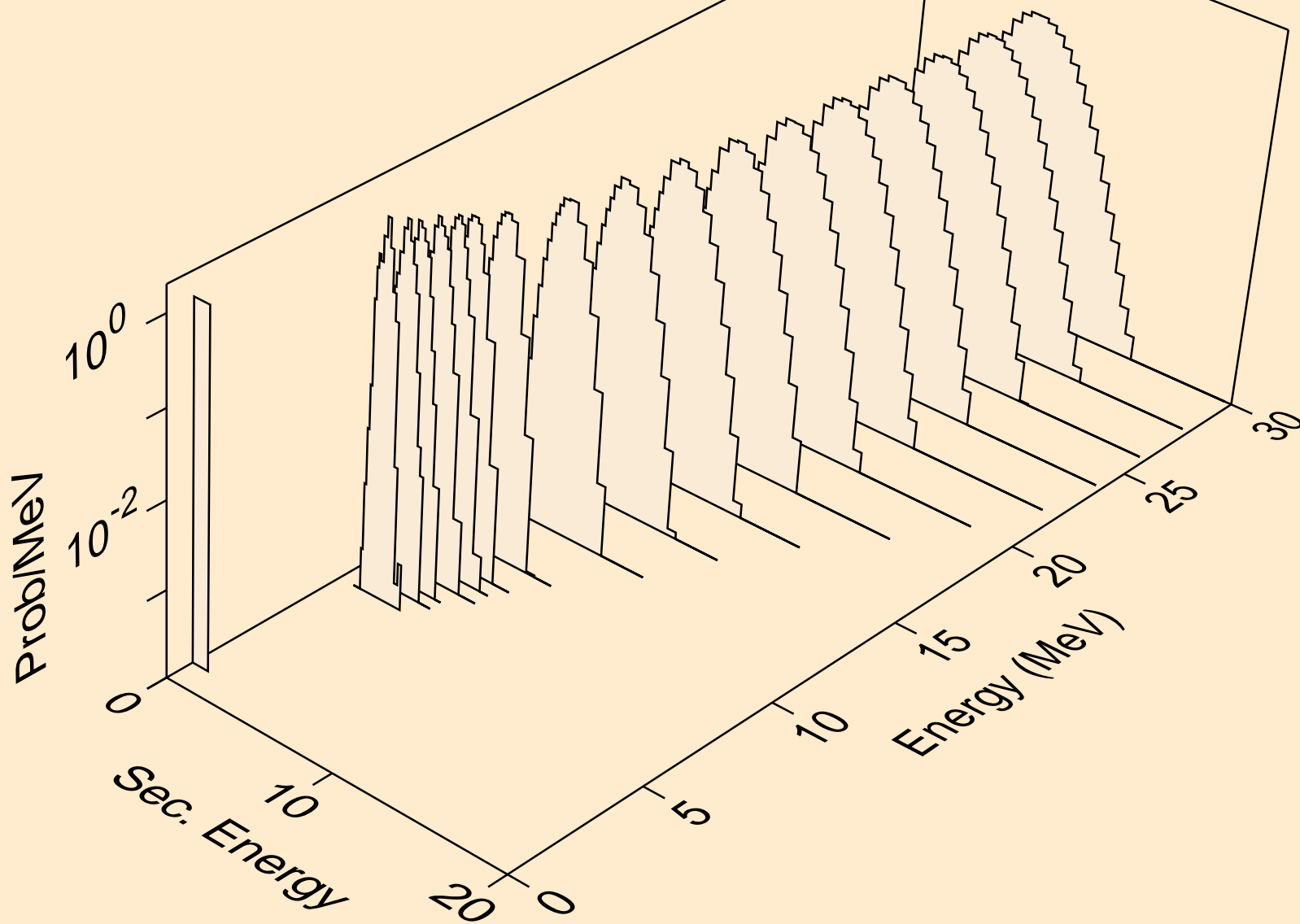
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



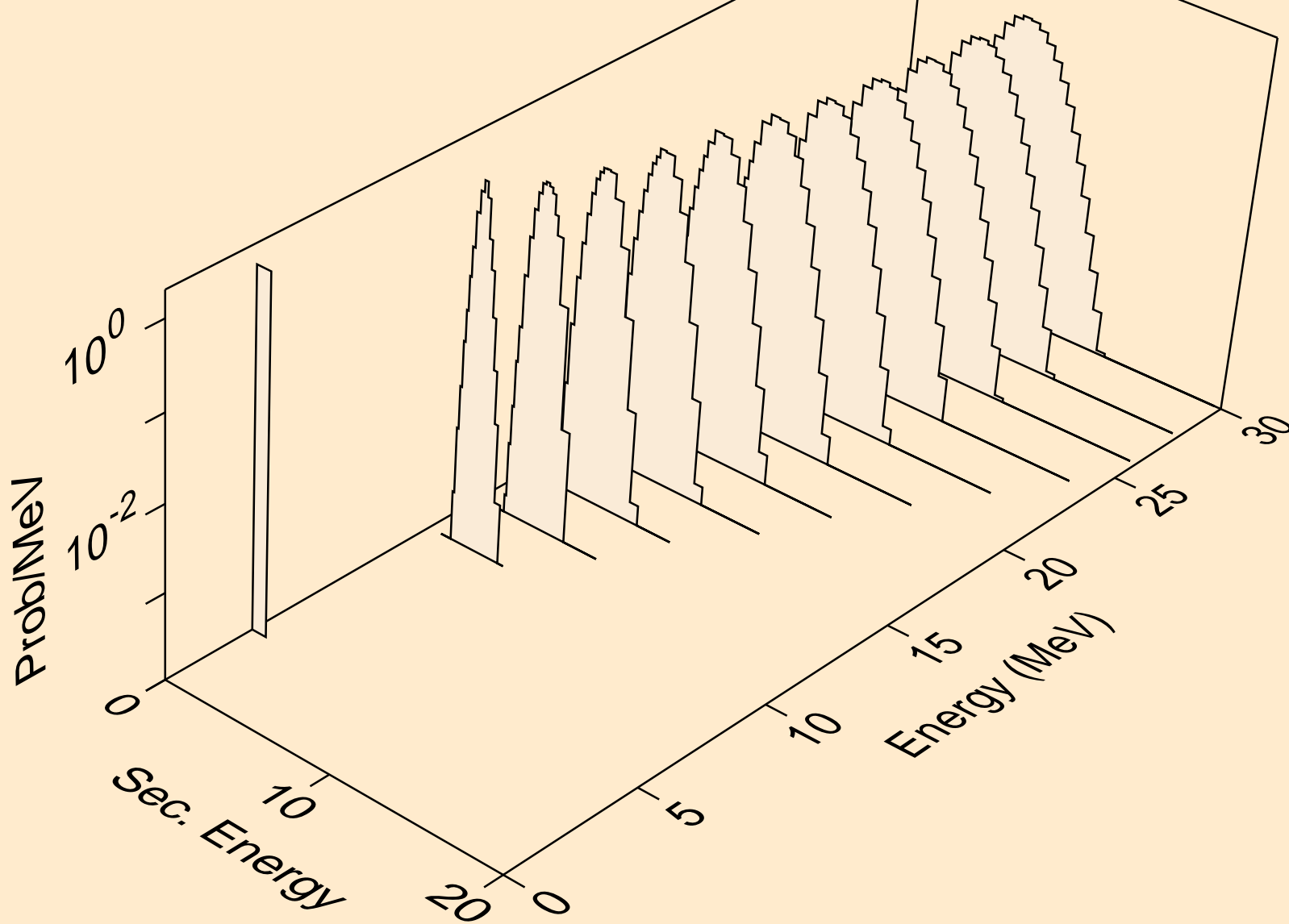
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



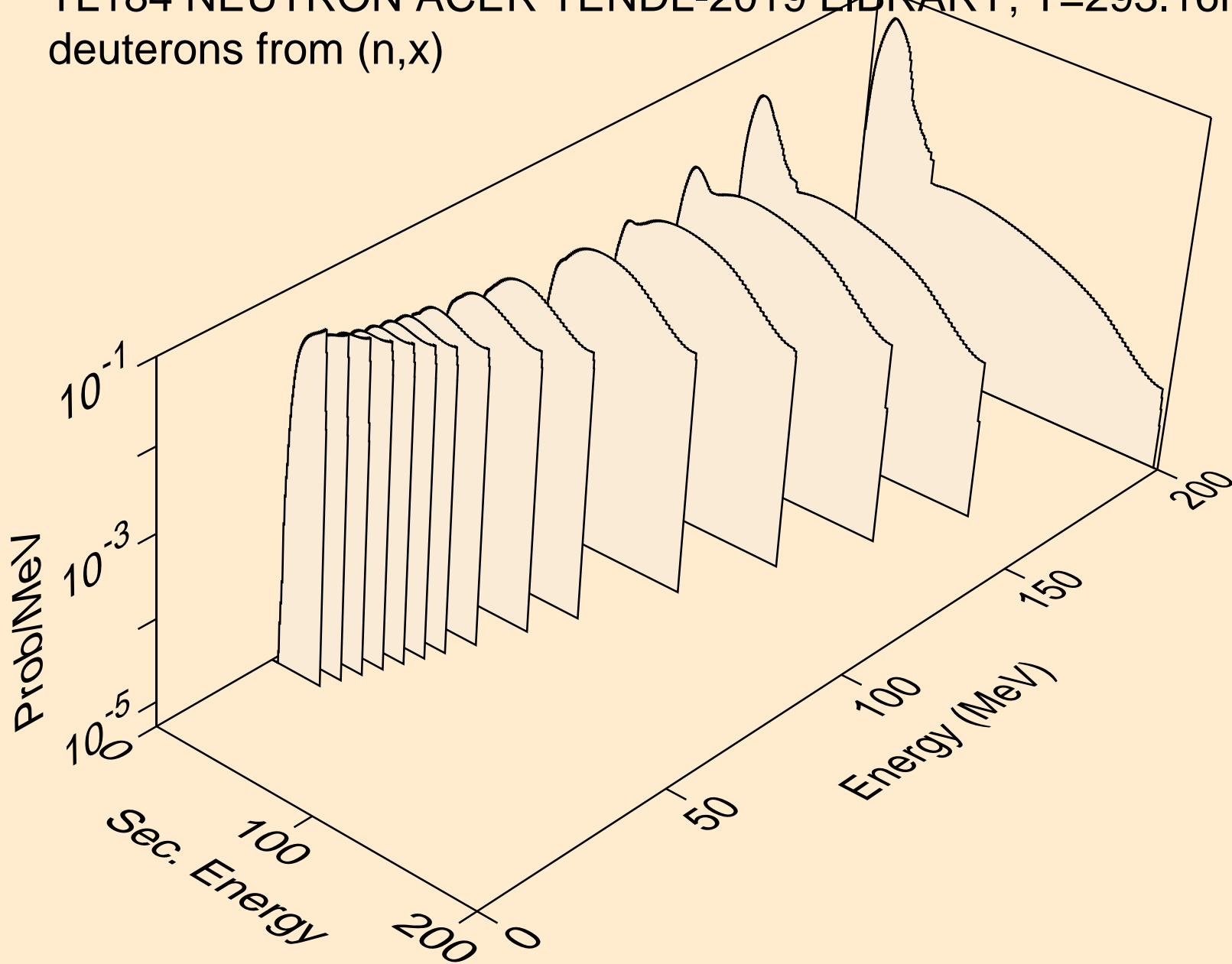
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

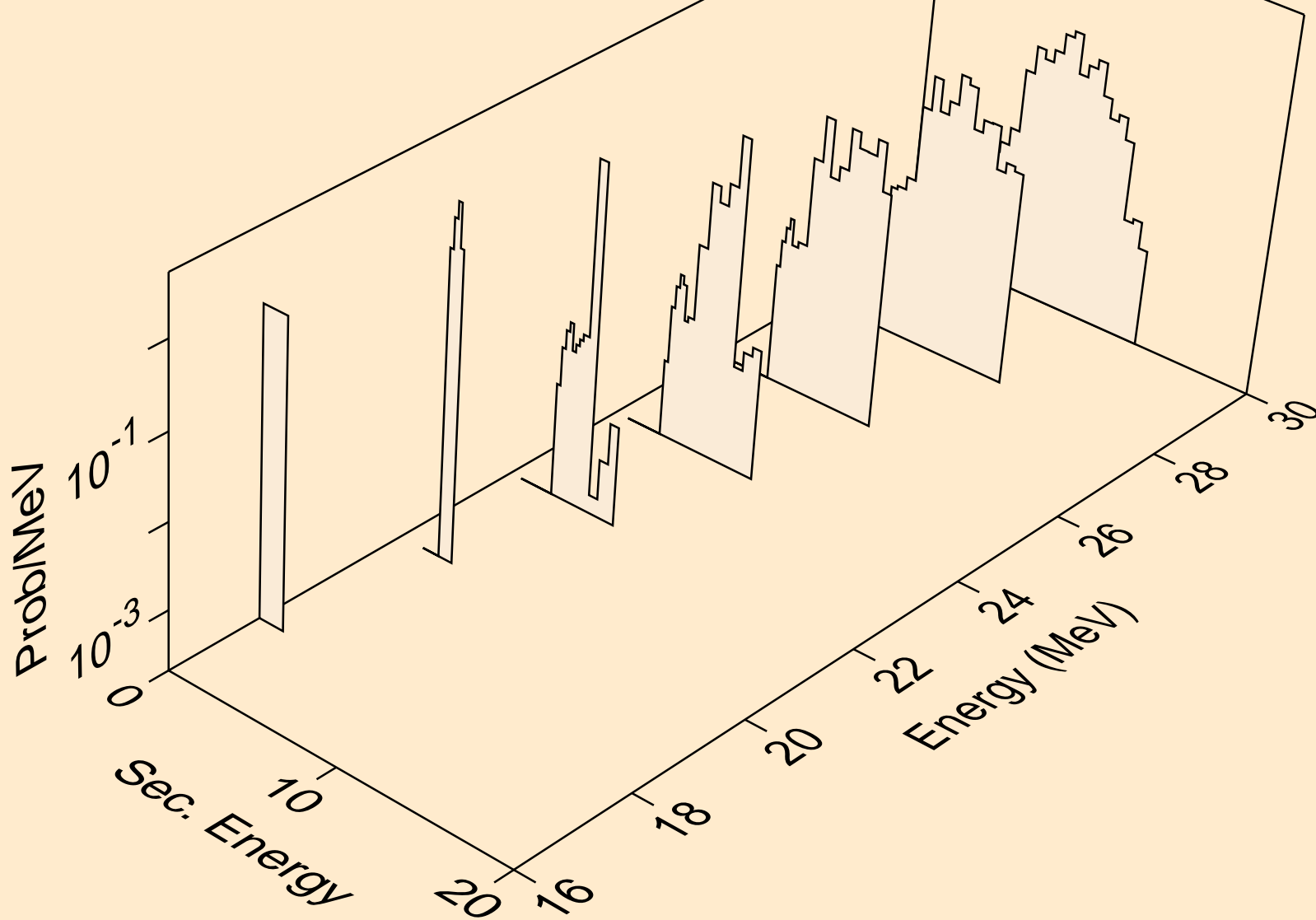


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

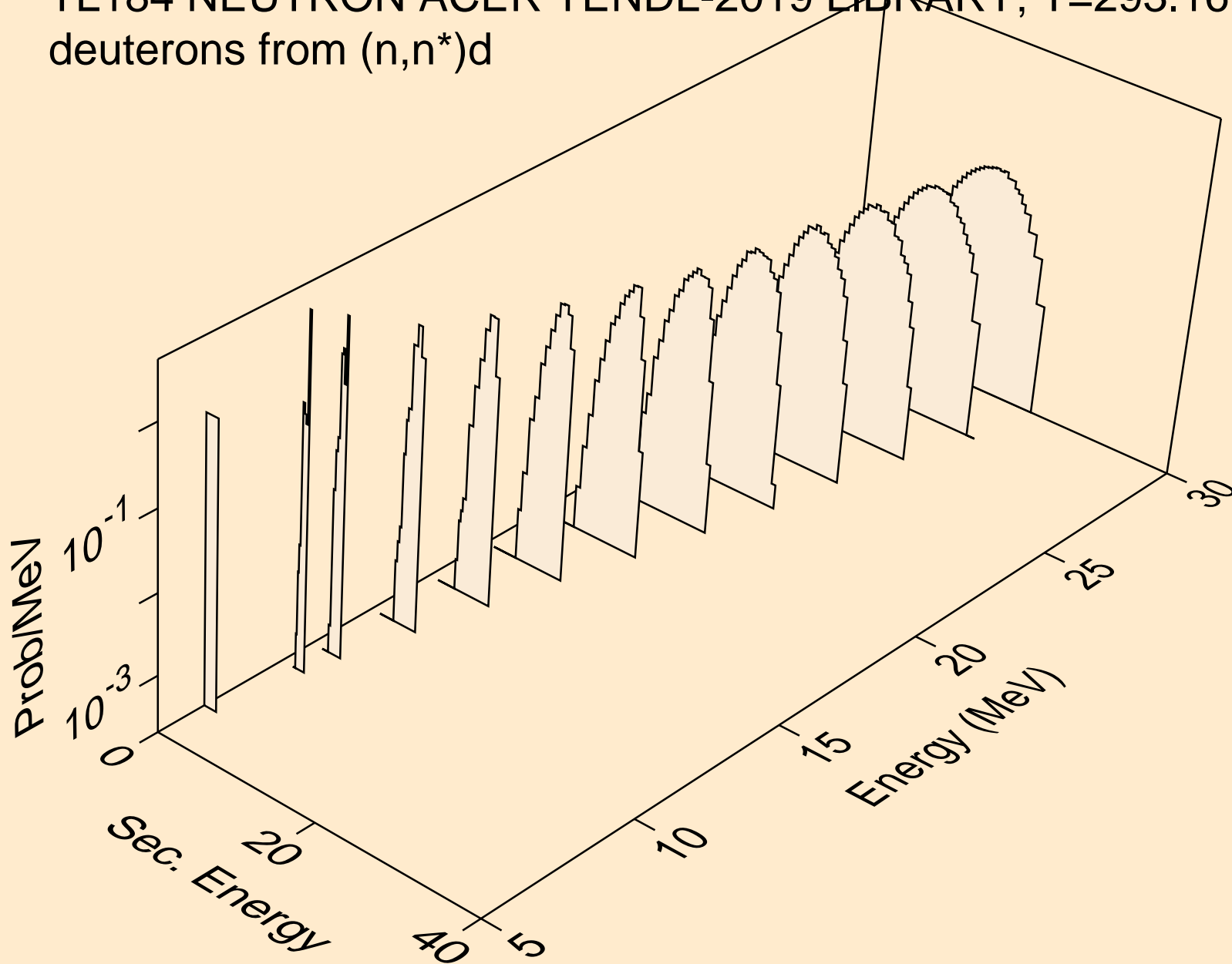




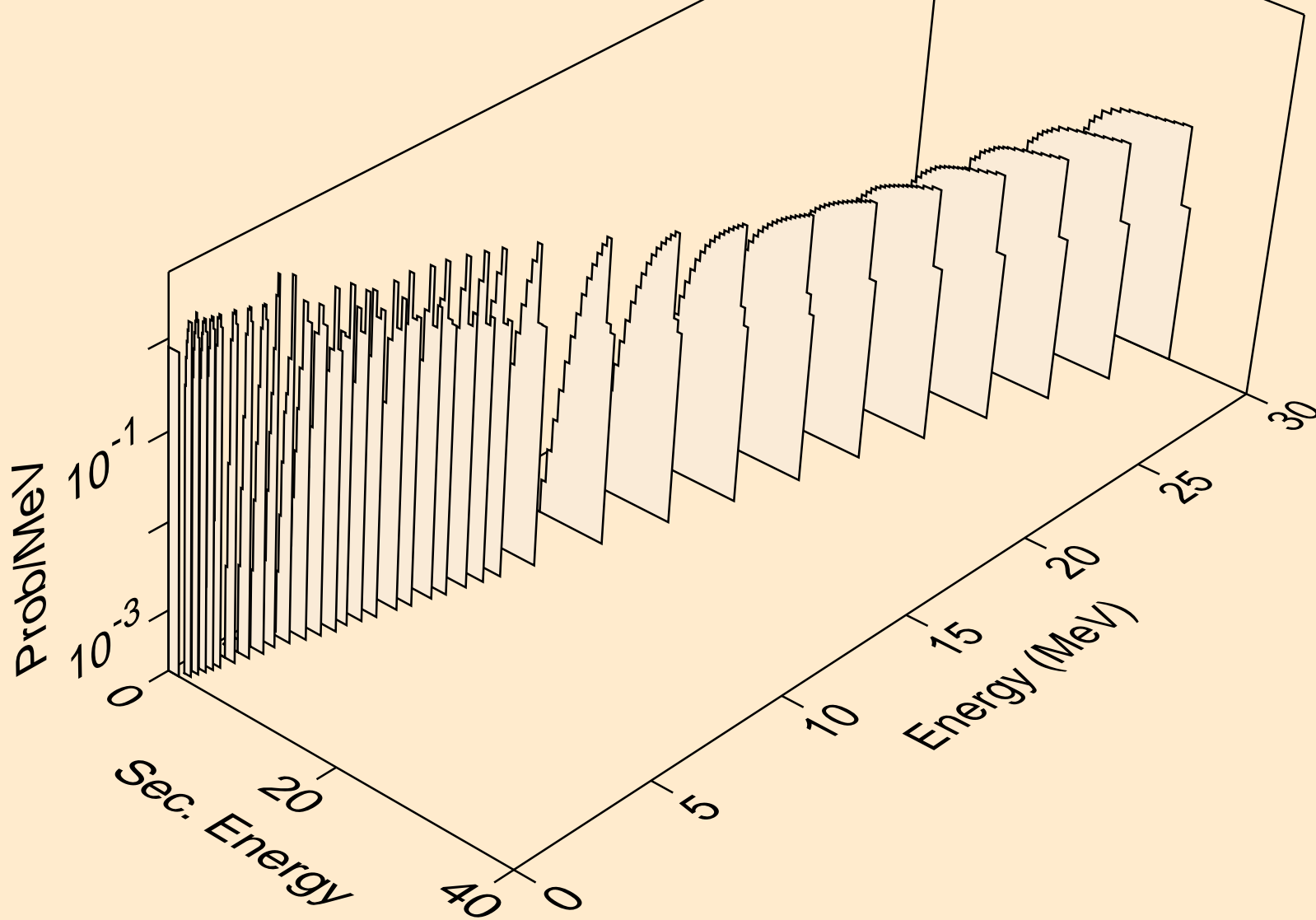
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



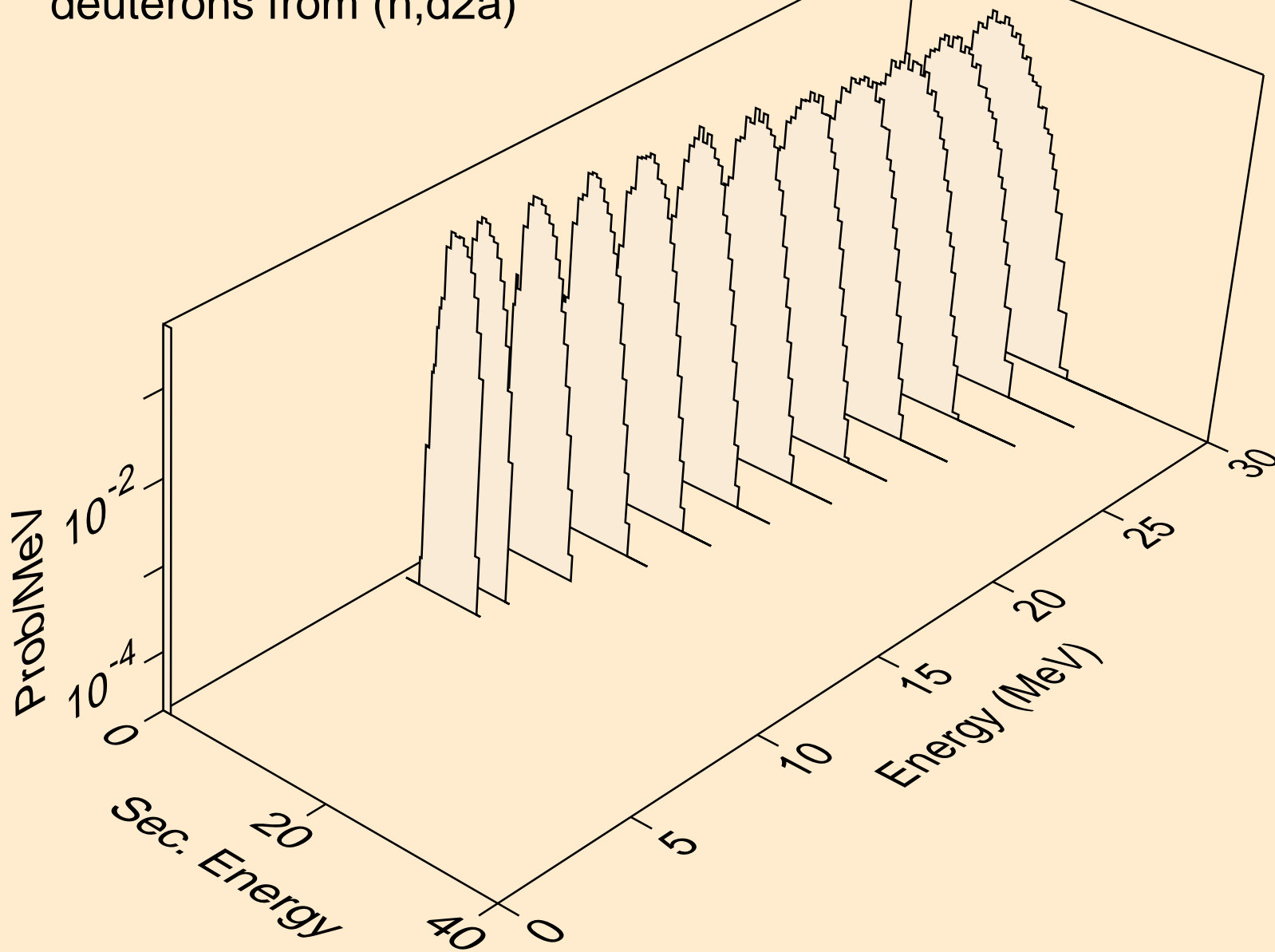
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



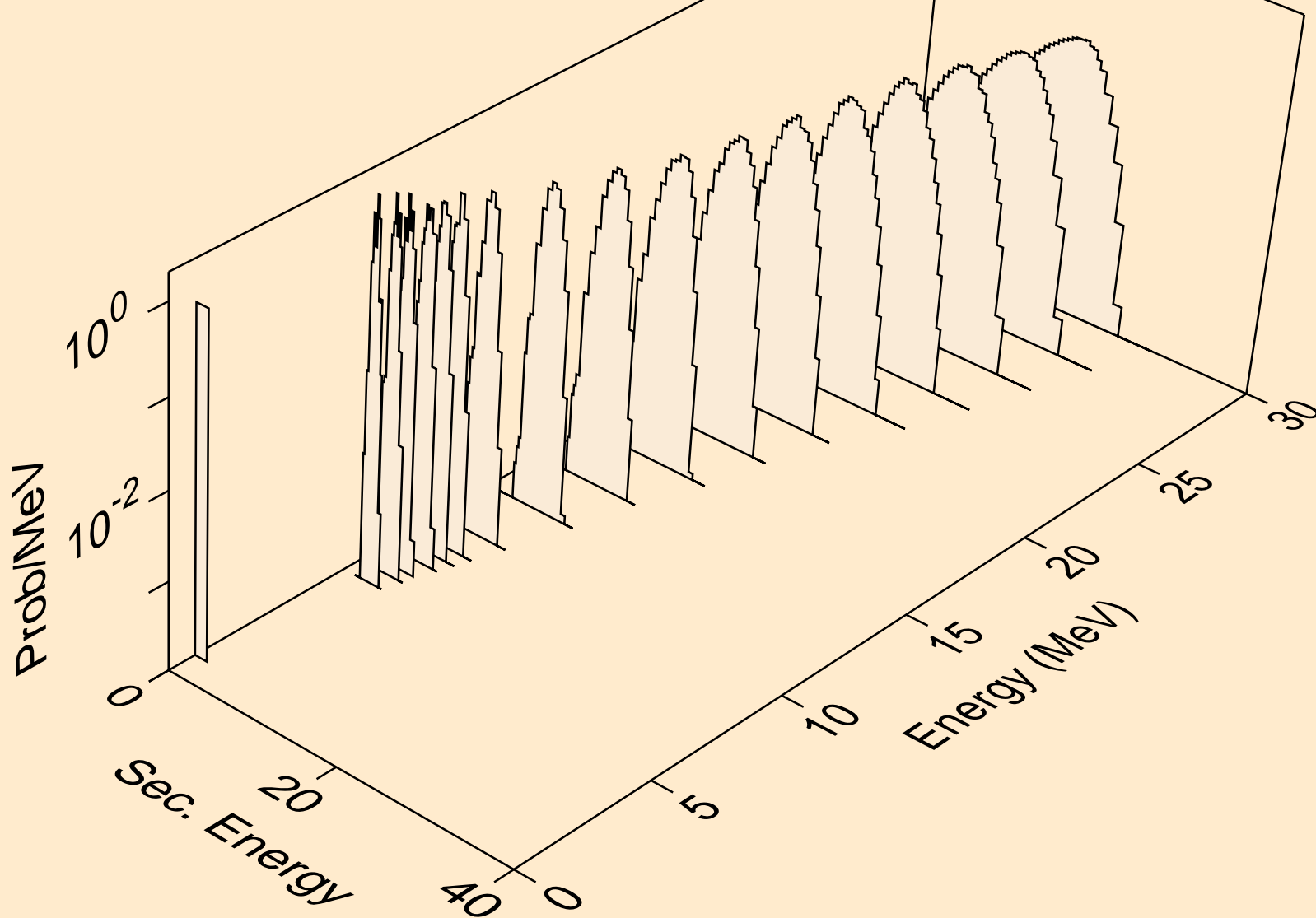
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



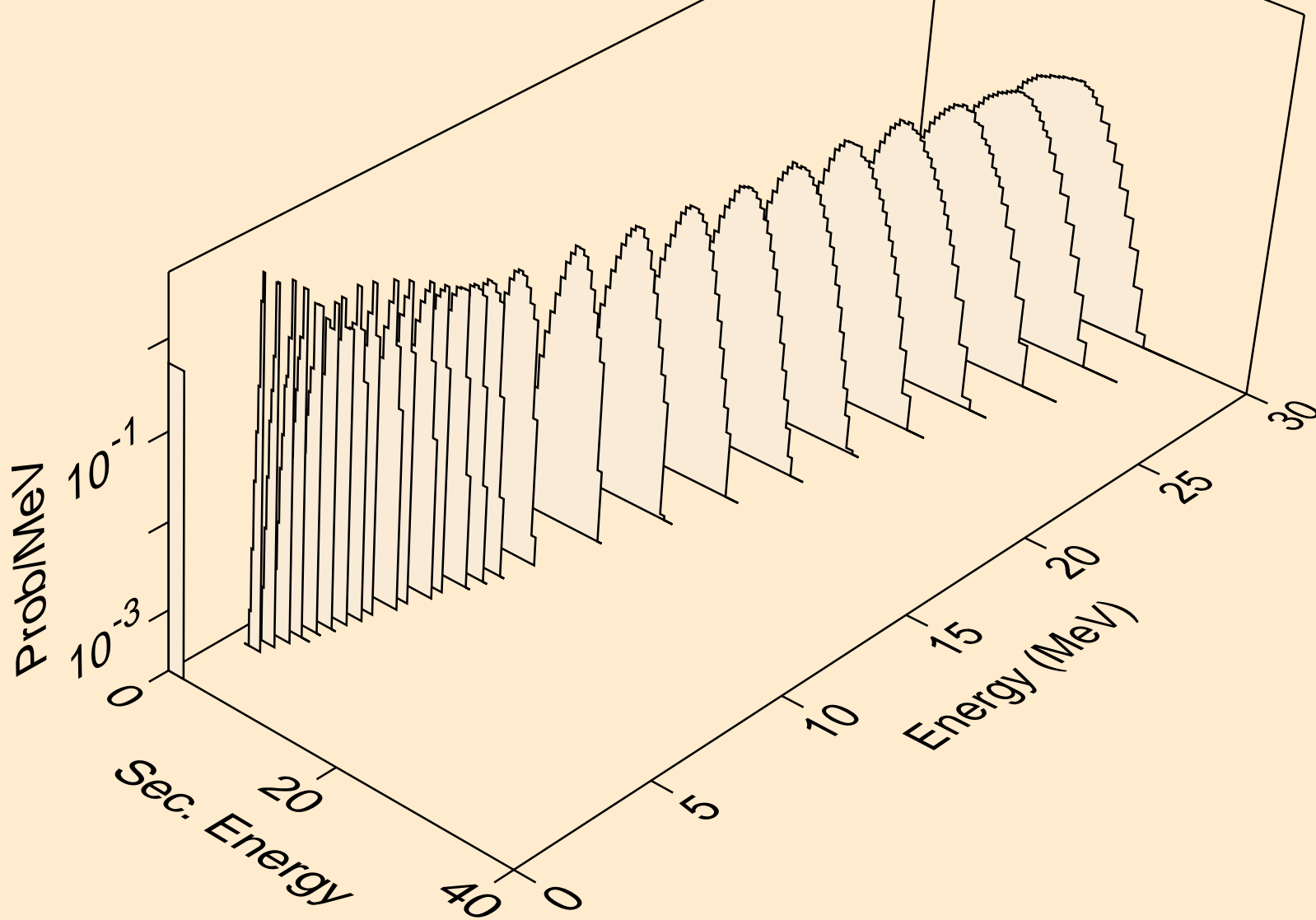
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)



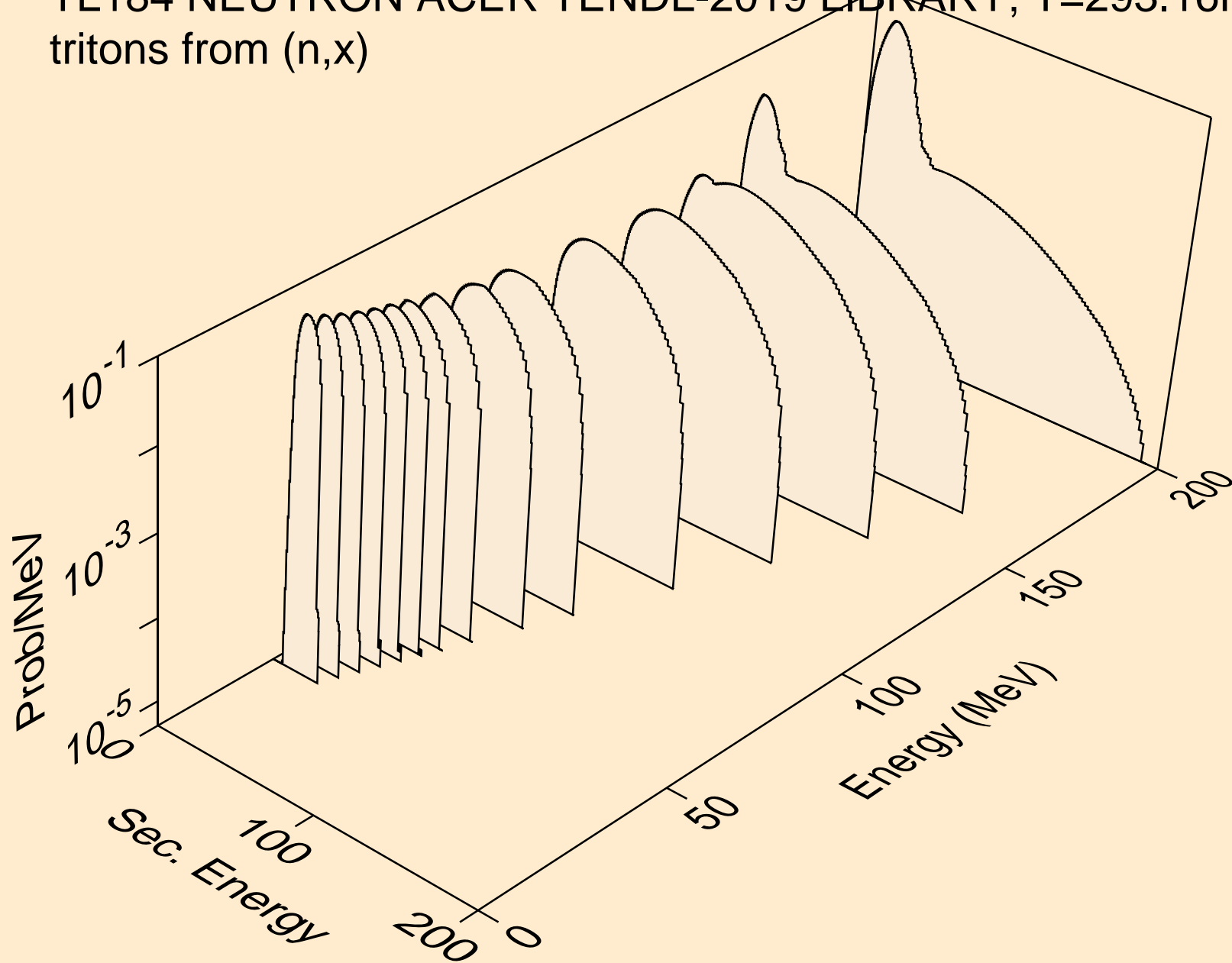
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



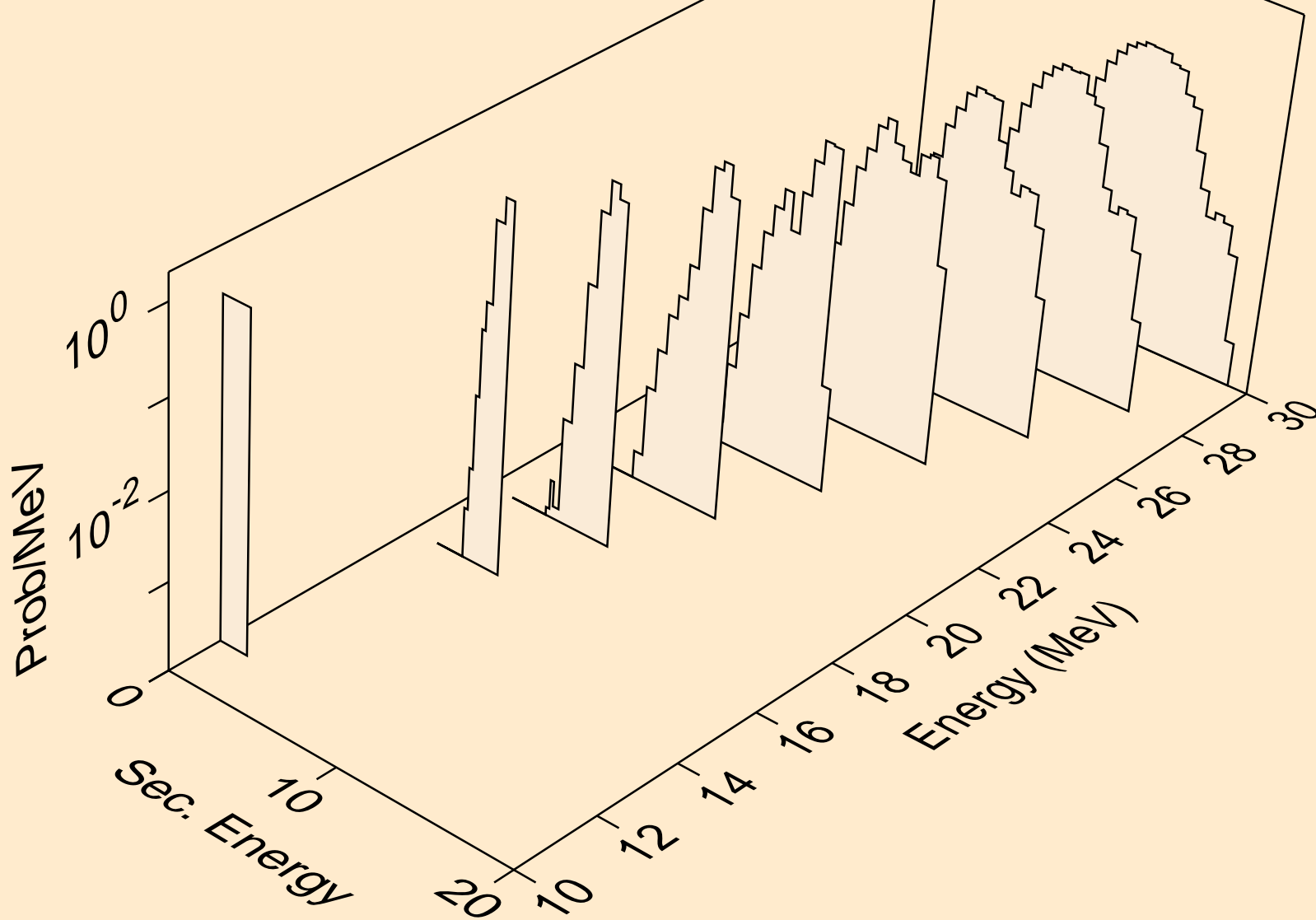
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

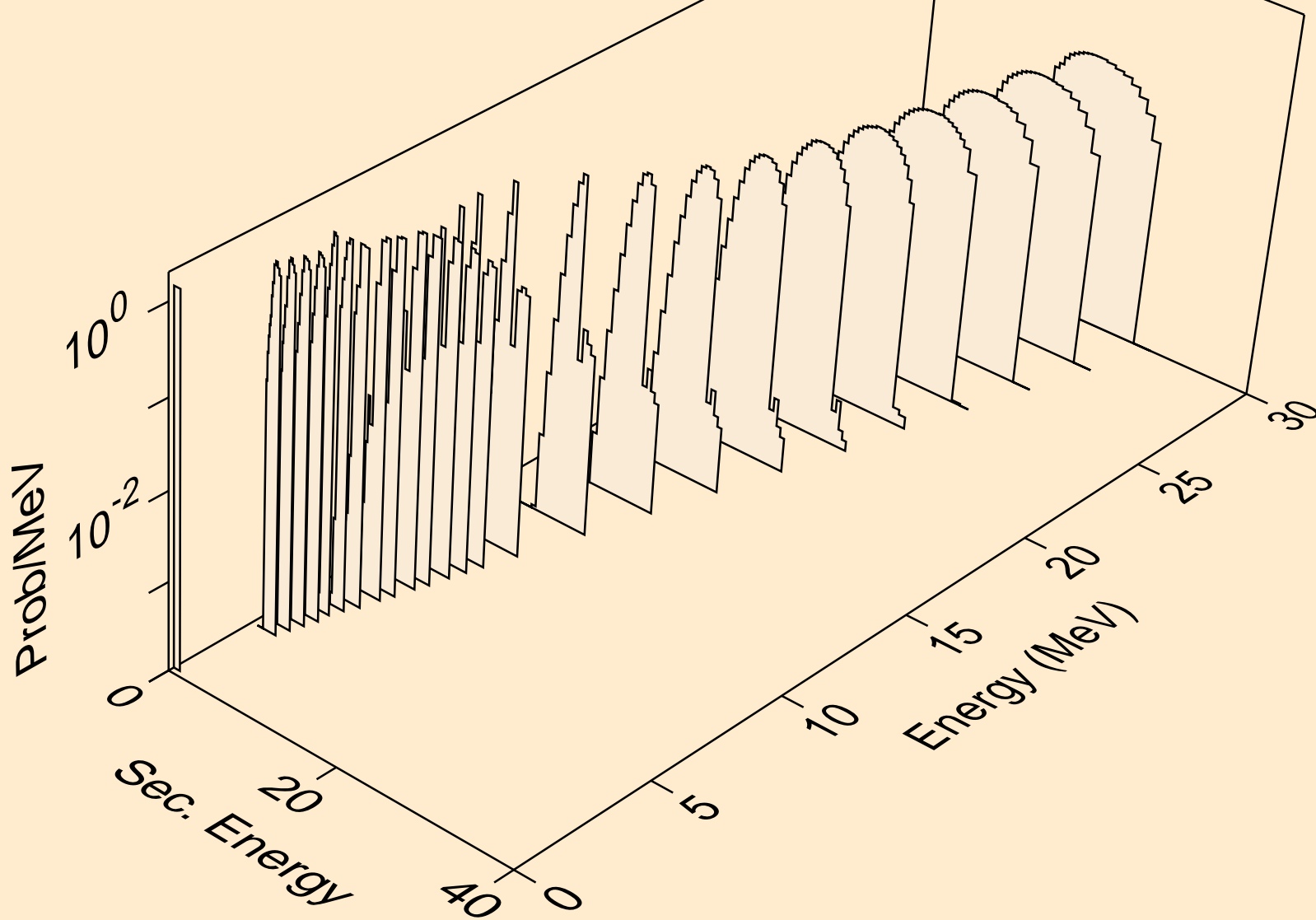


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

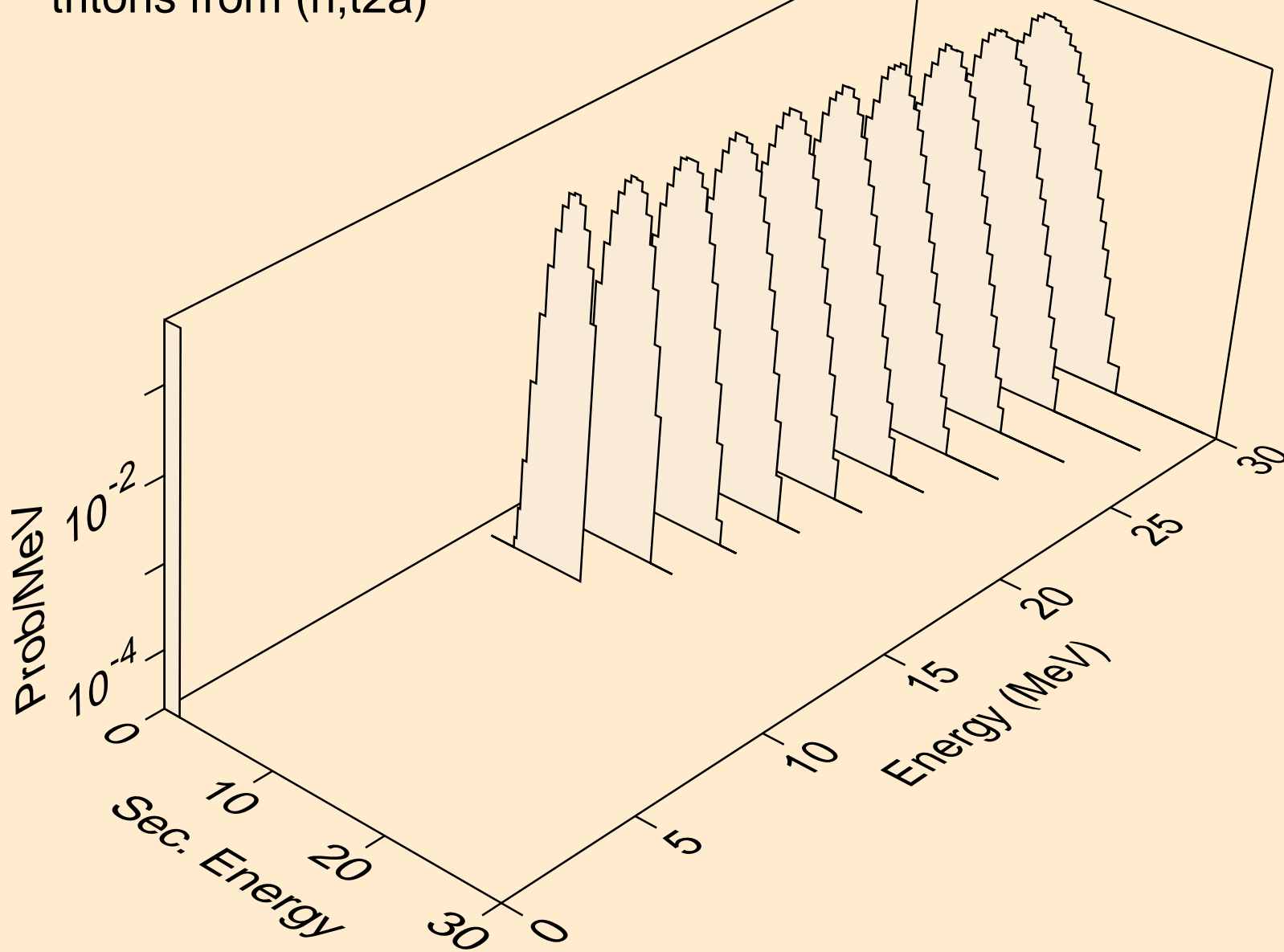




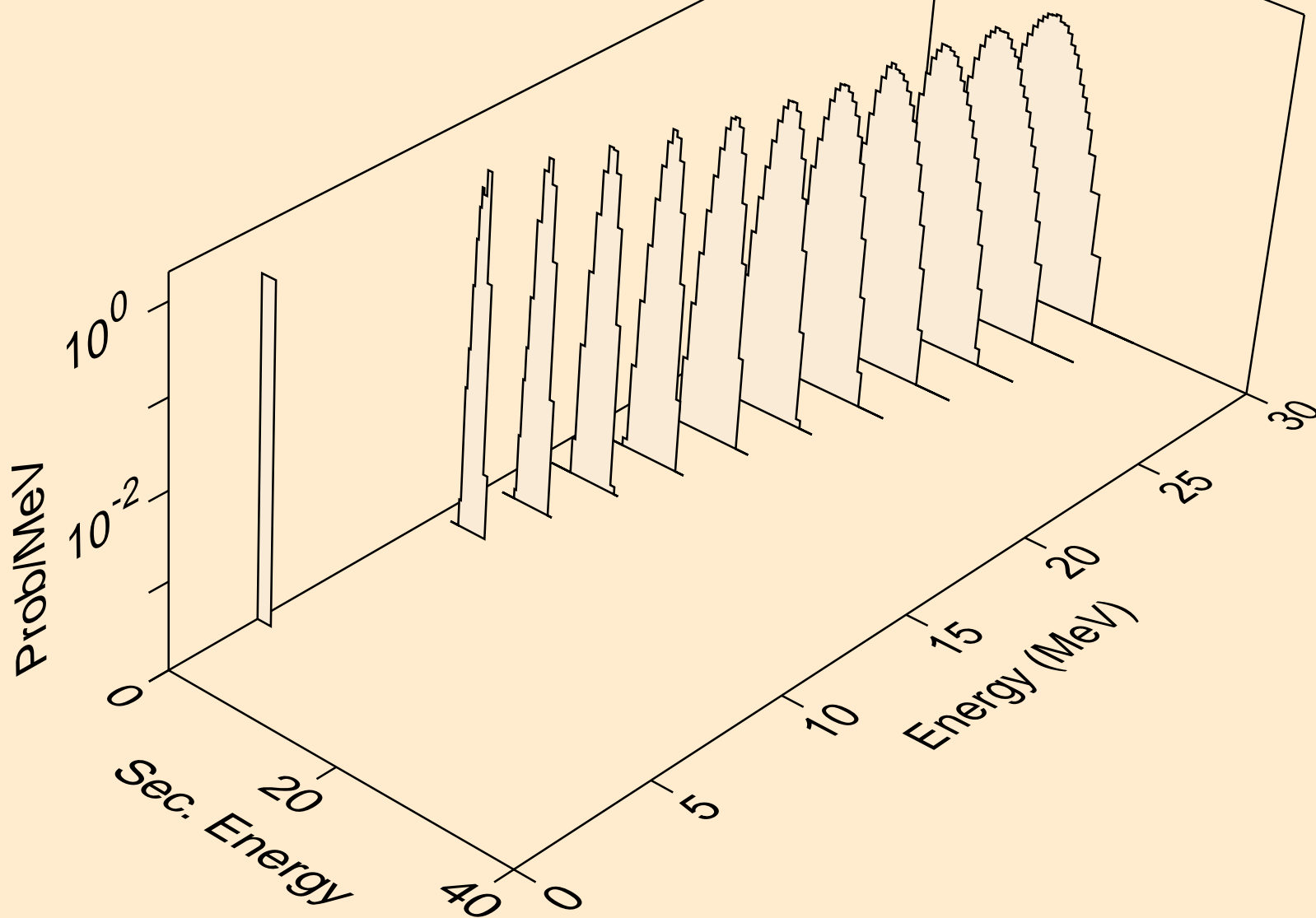
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



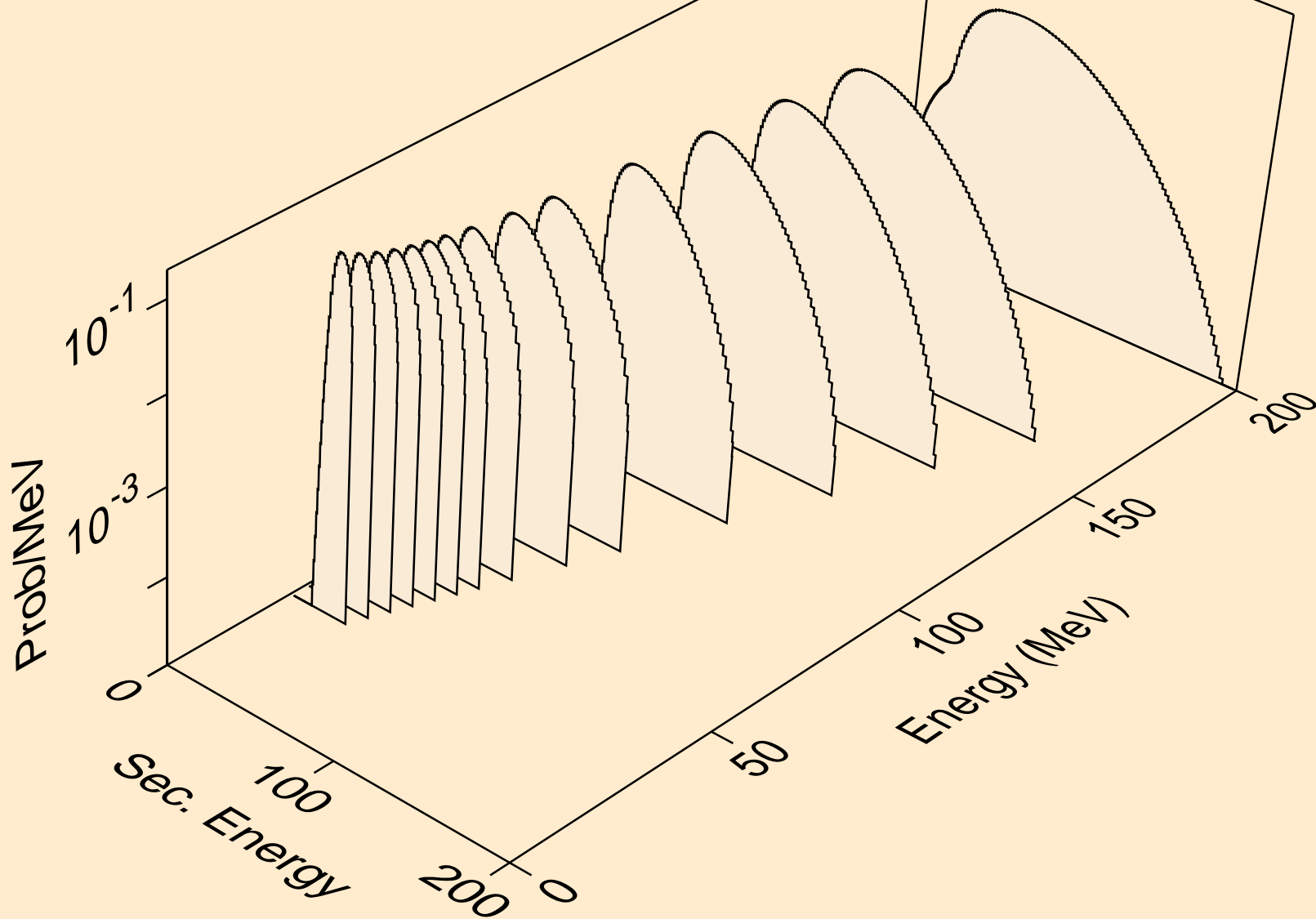
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t2a)



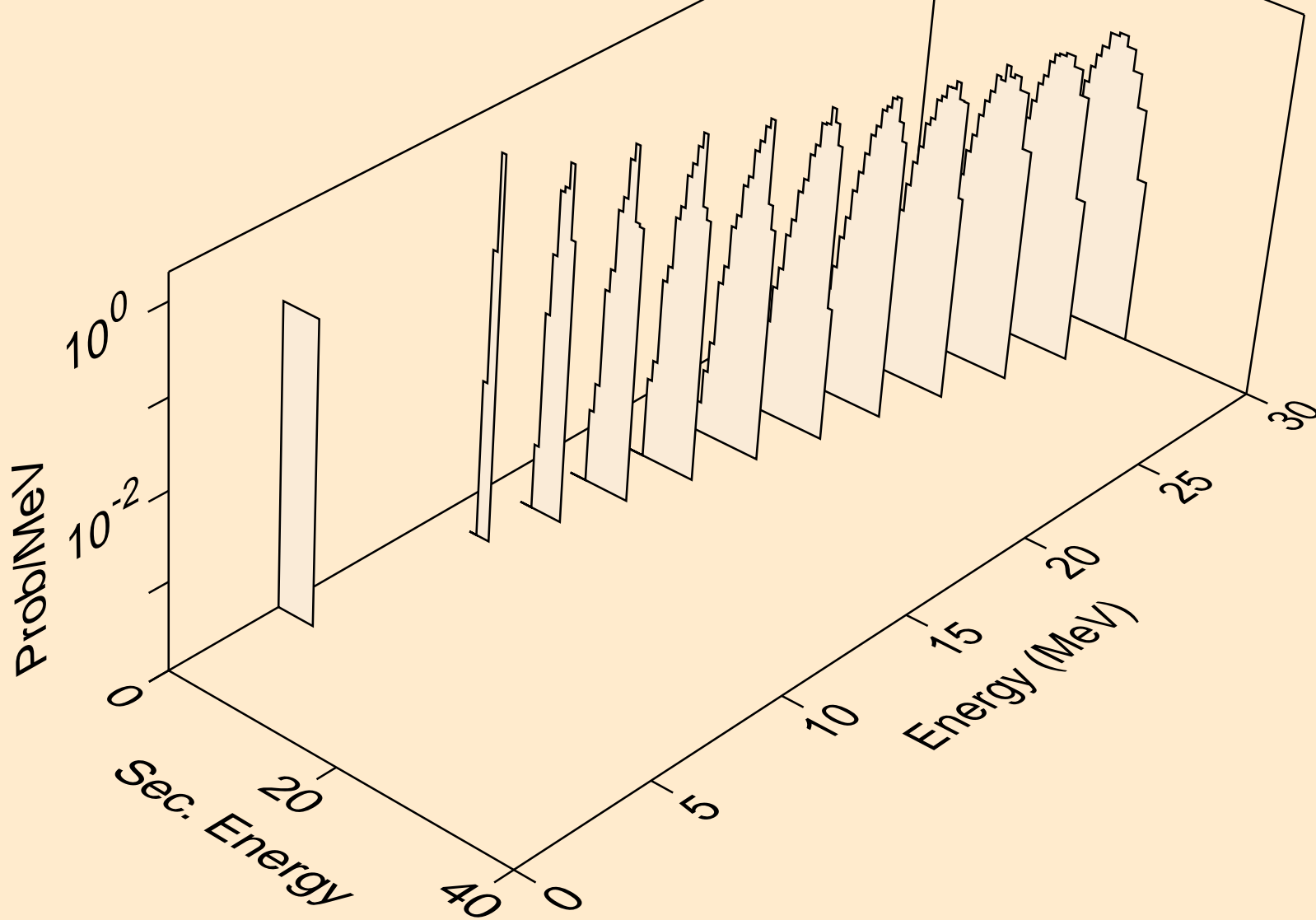
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



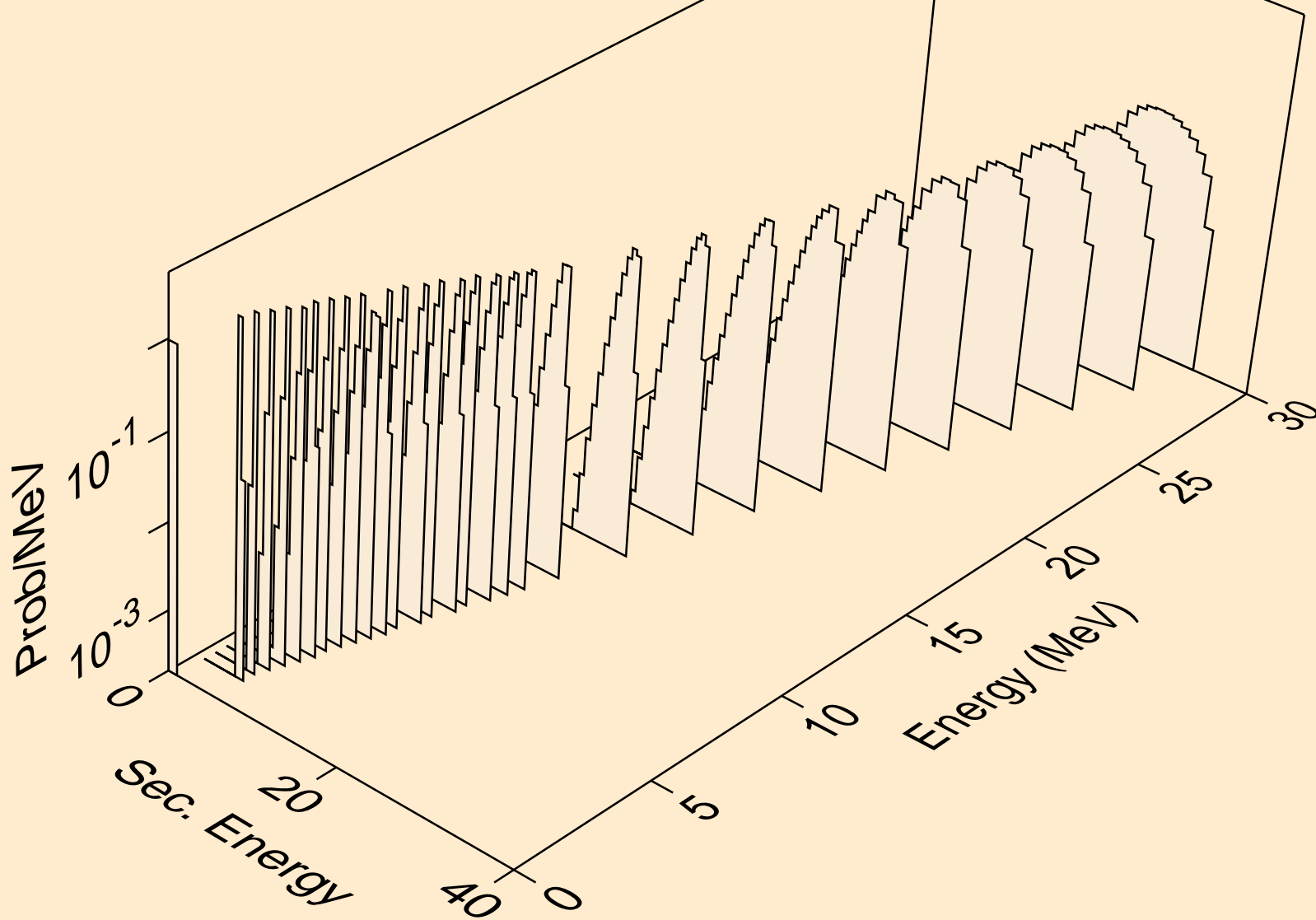
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



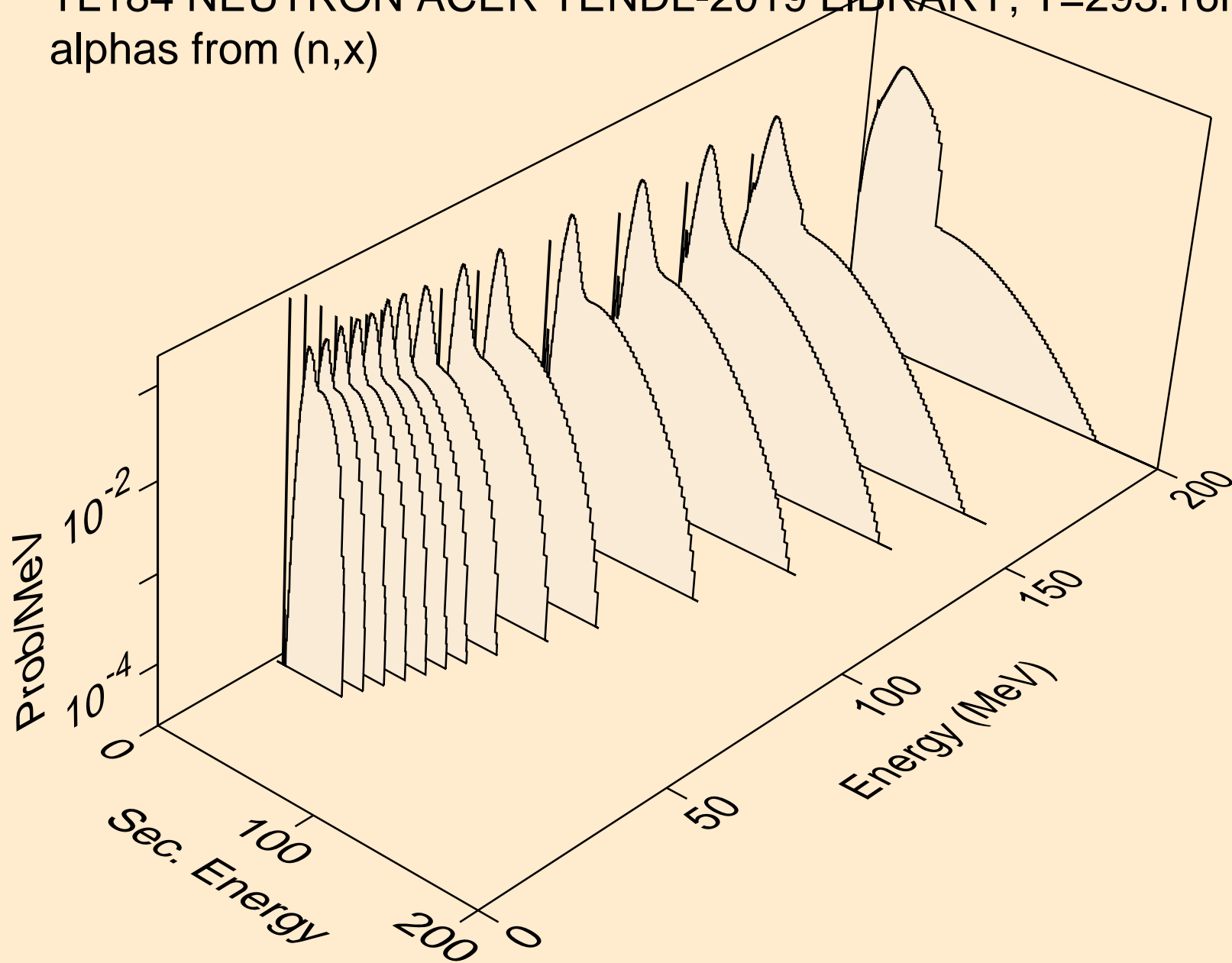
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



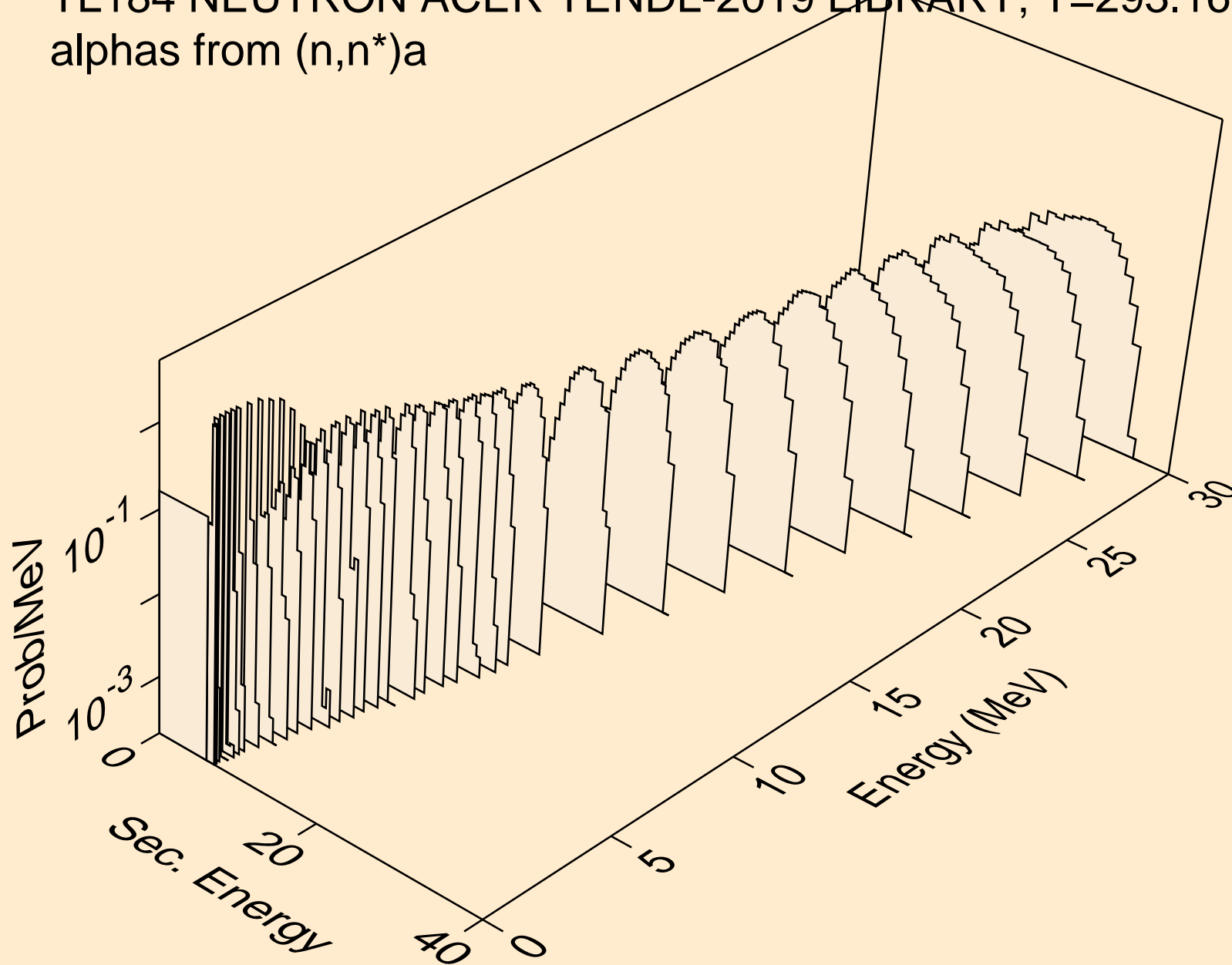
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

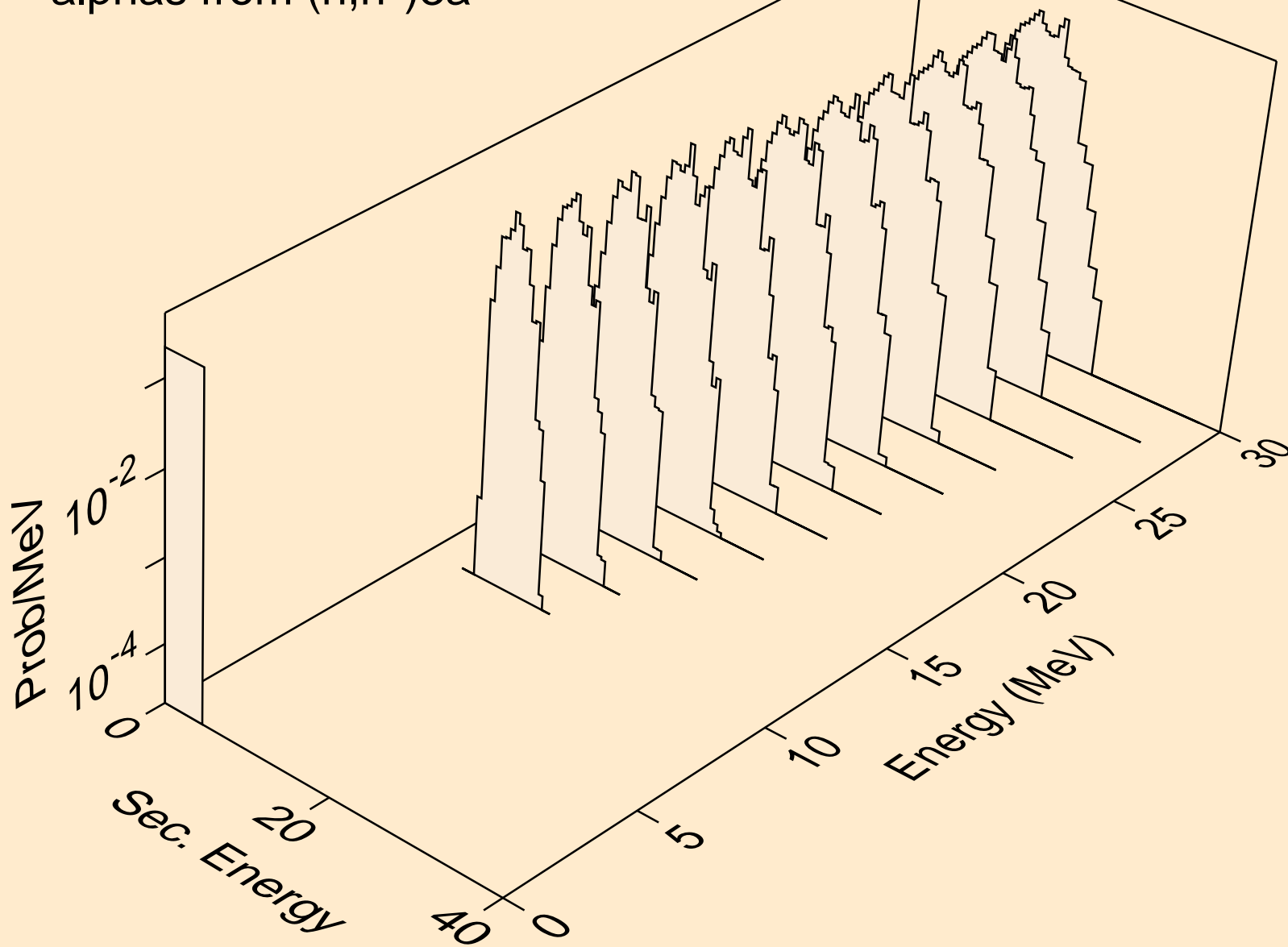


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

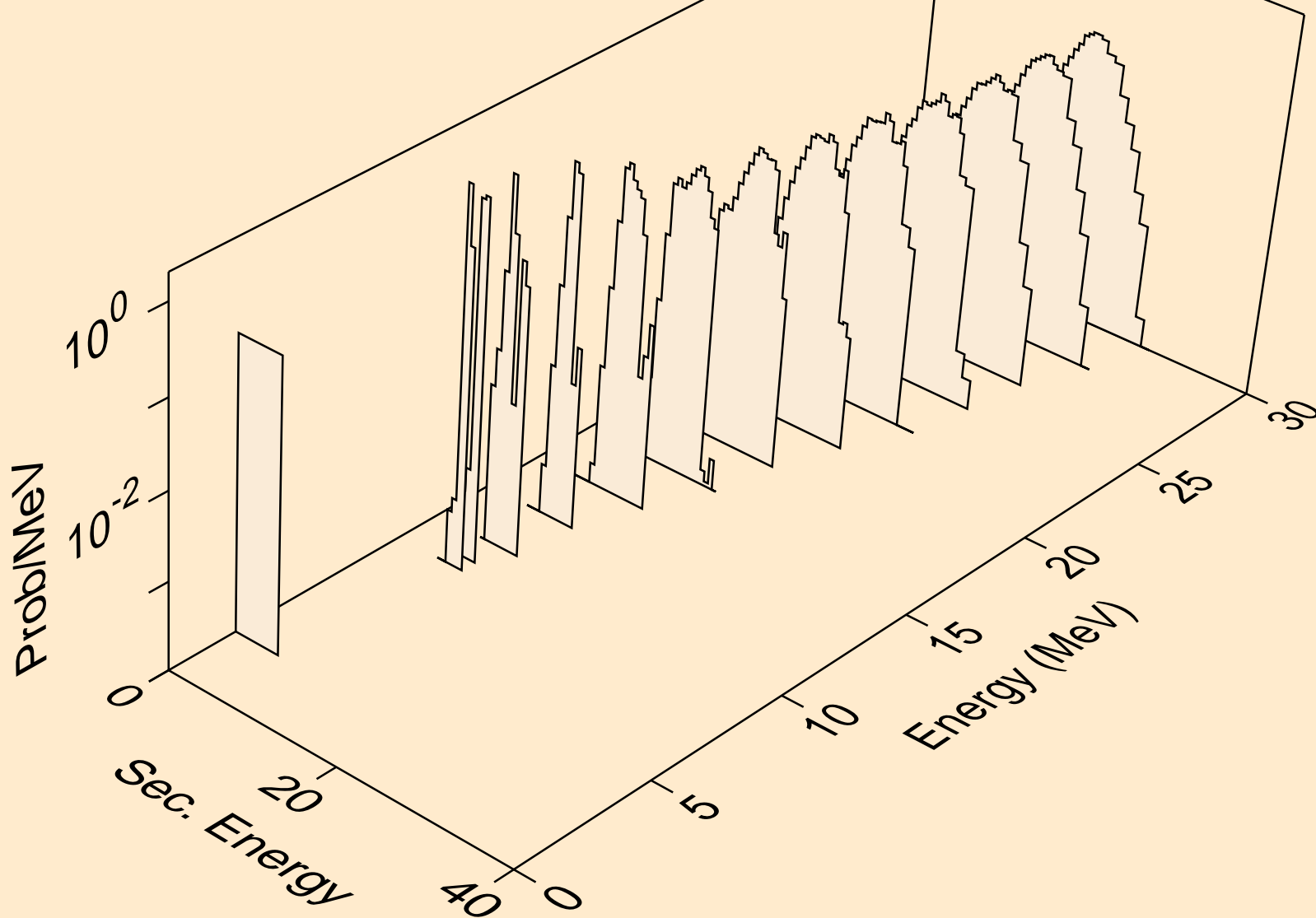




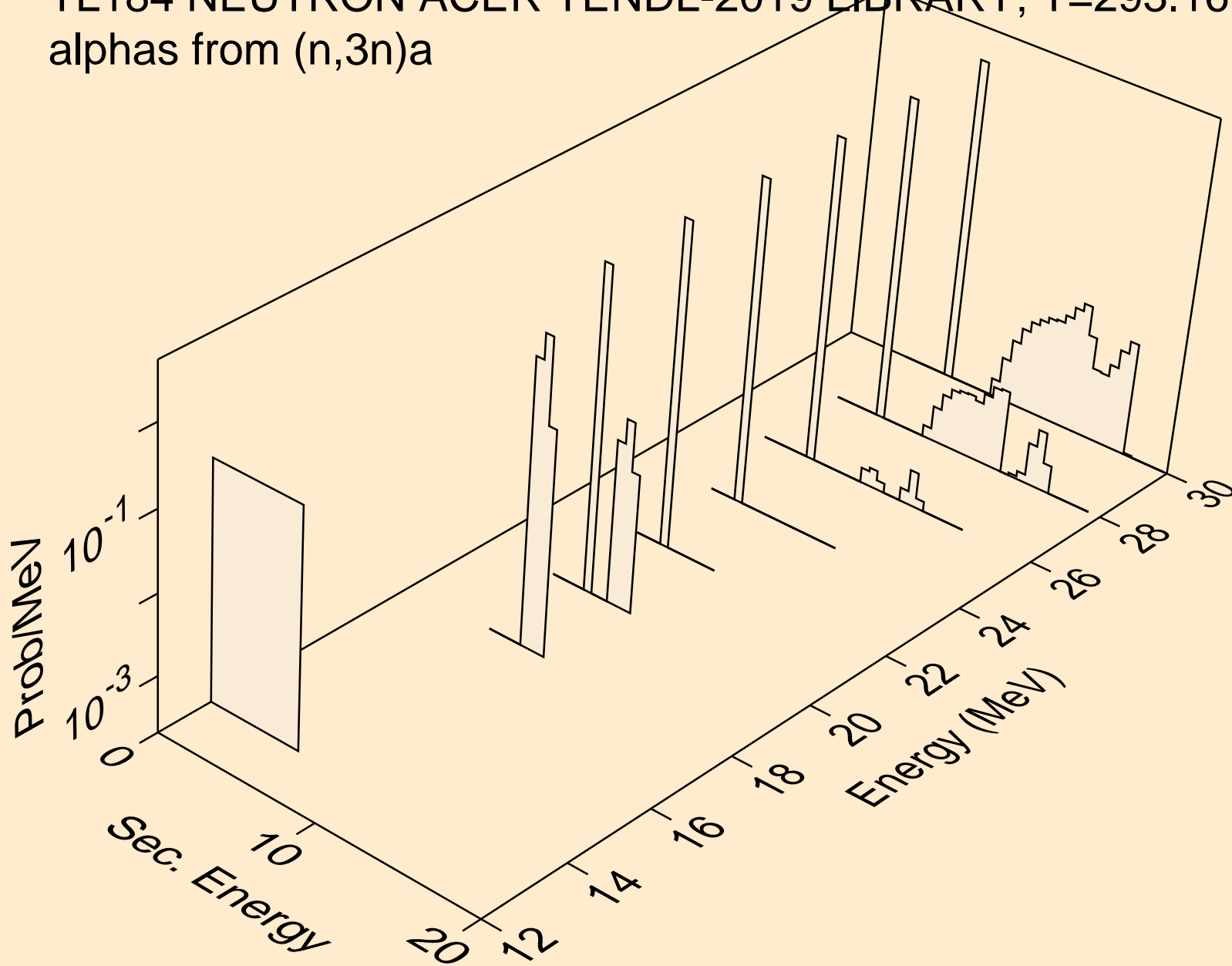
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)3a



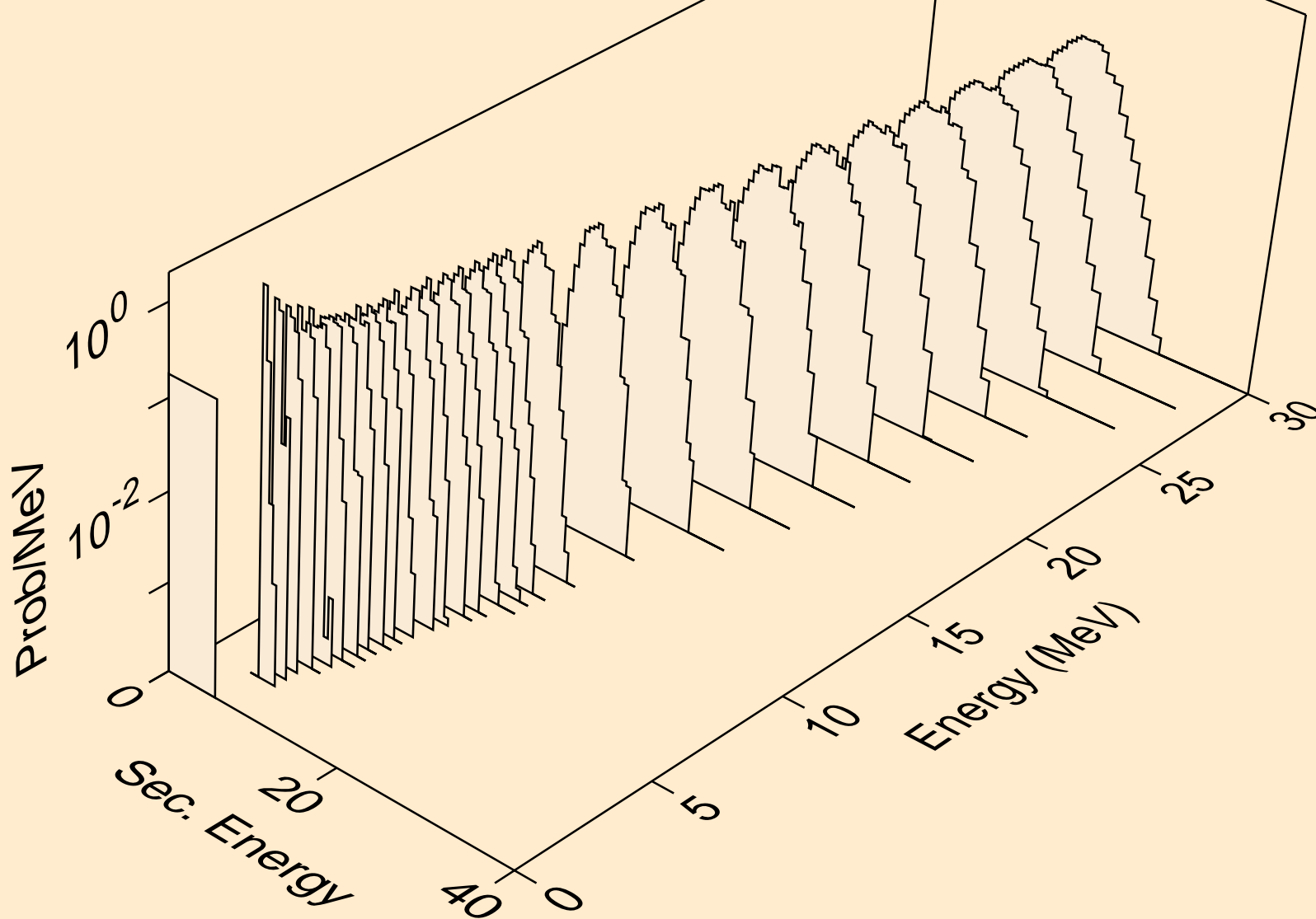
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



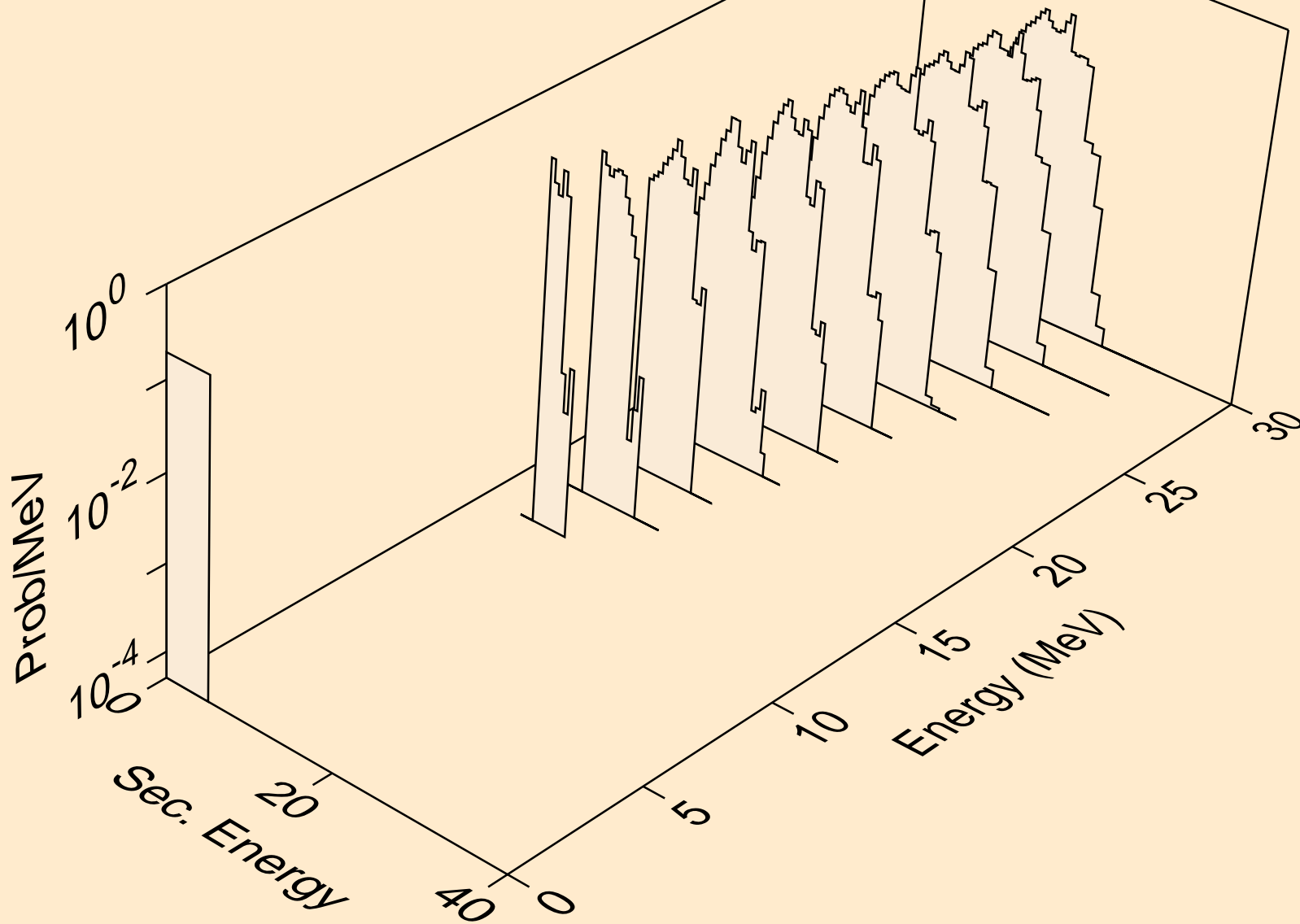
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



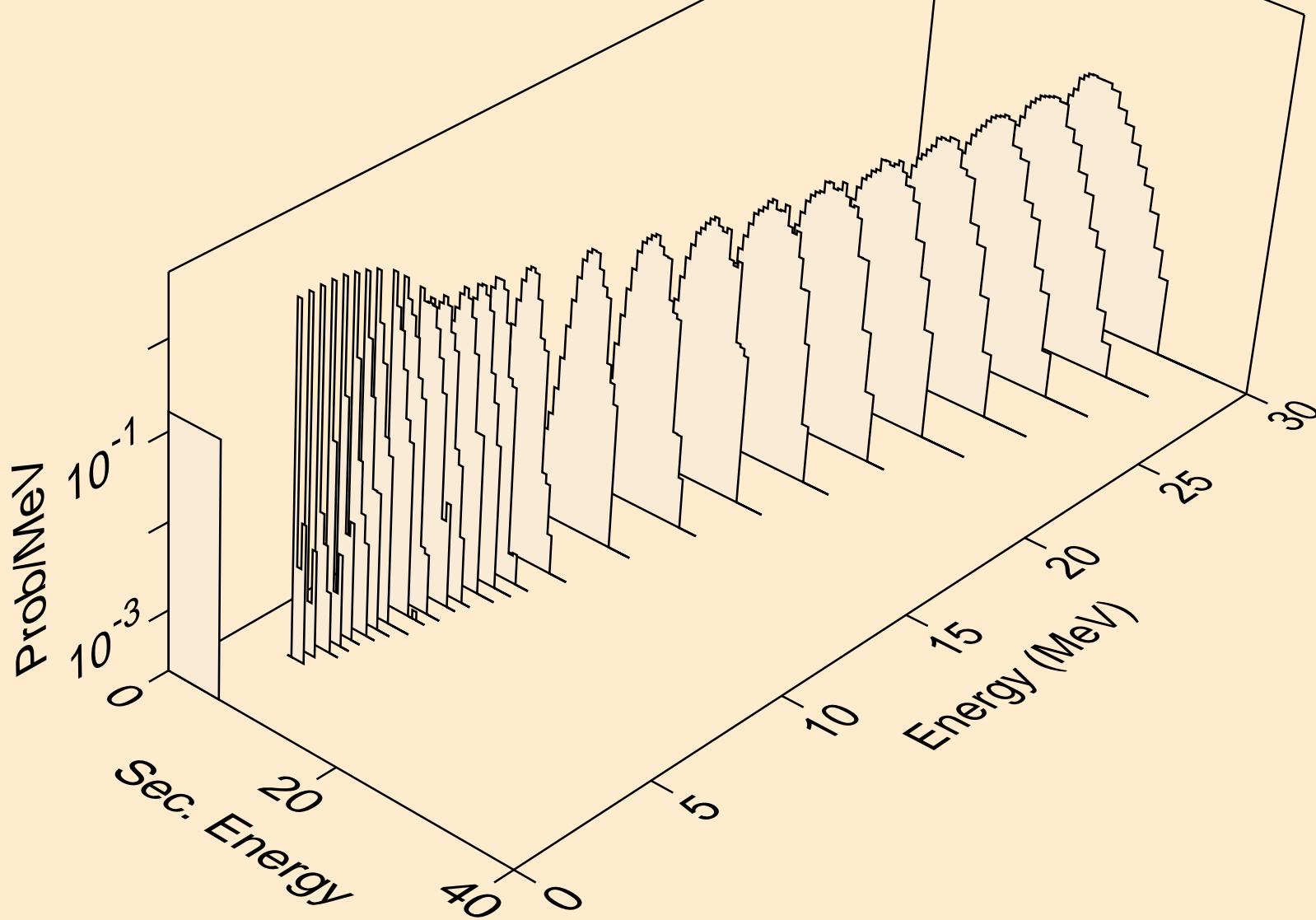
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



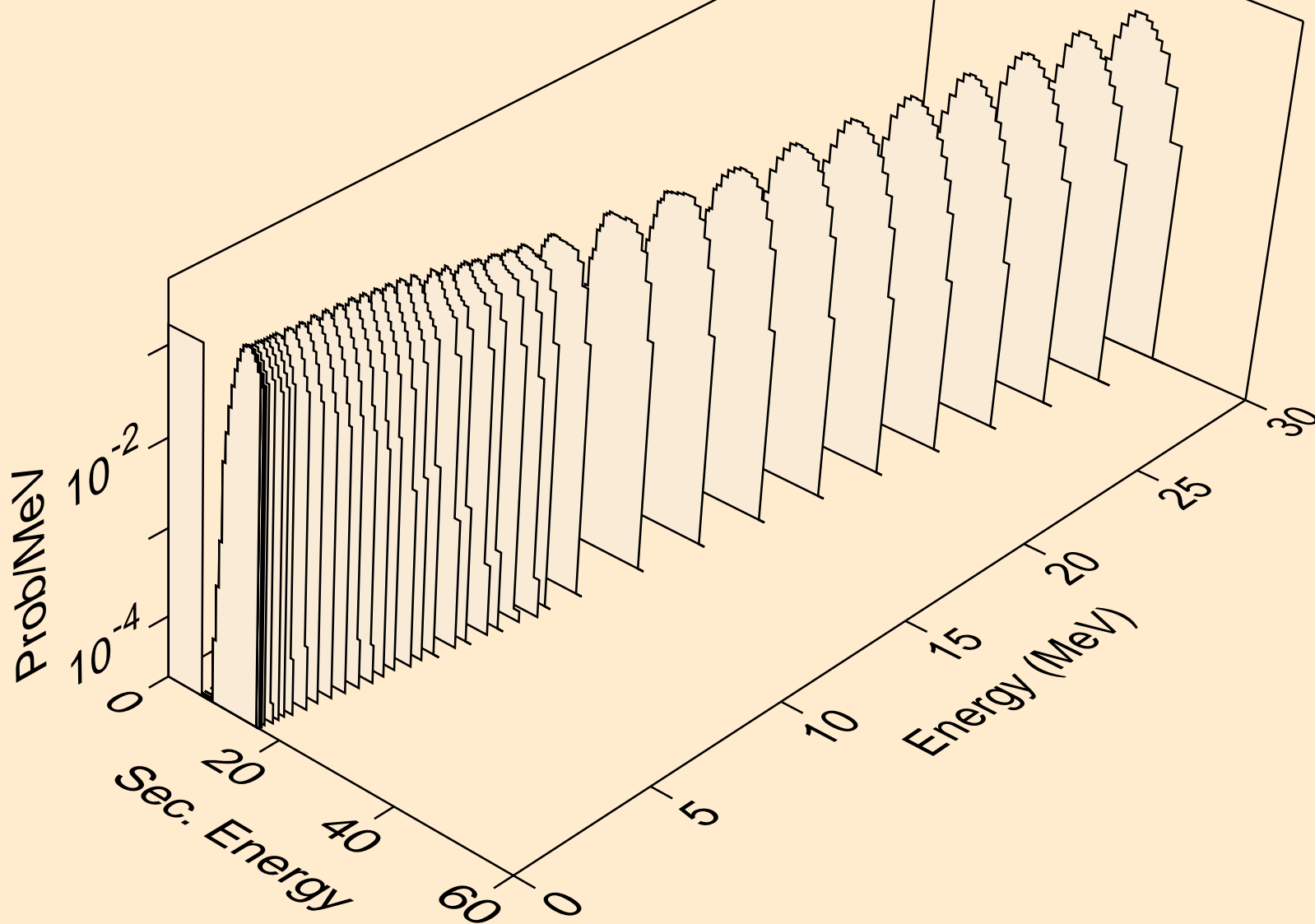
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



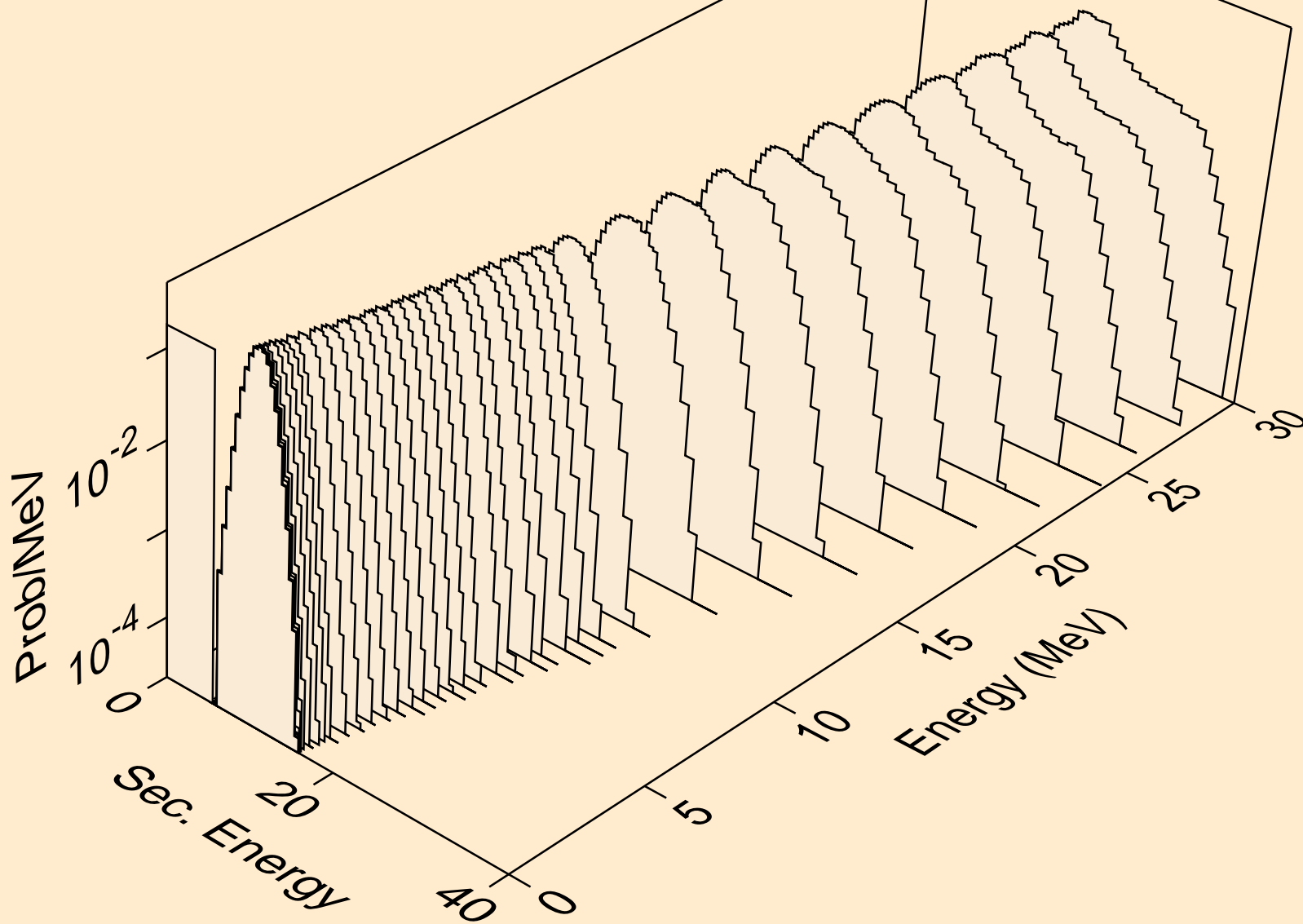
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

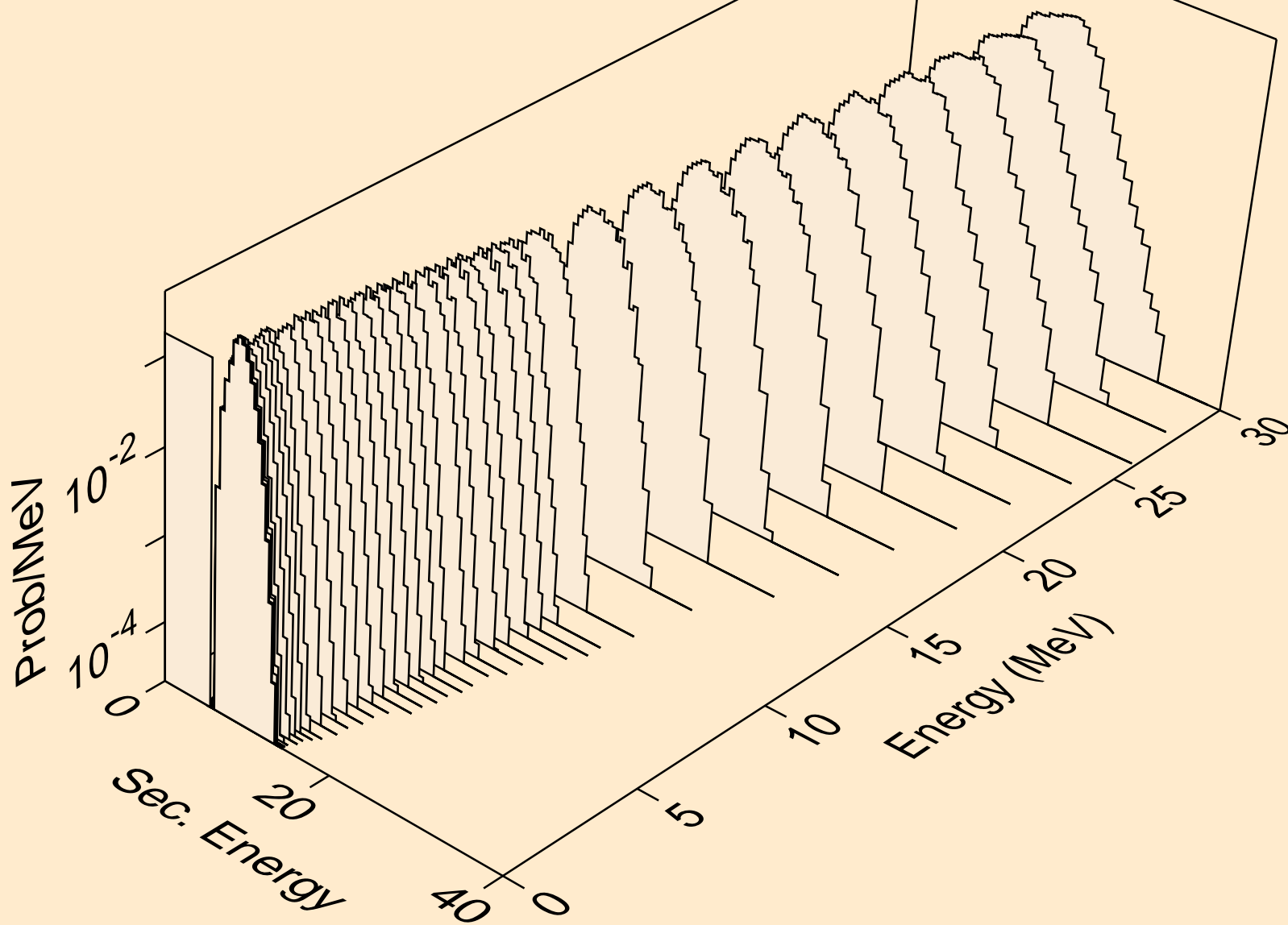


TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)

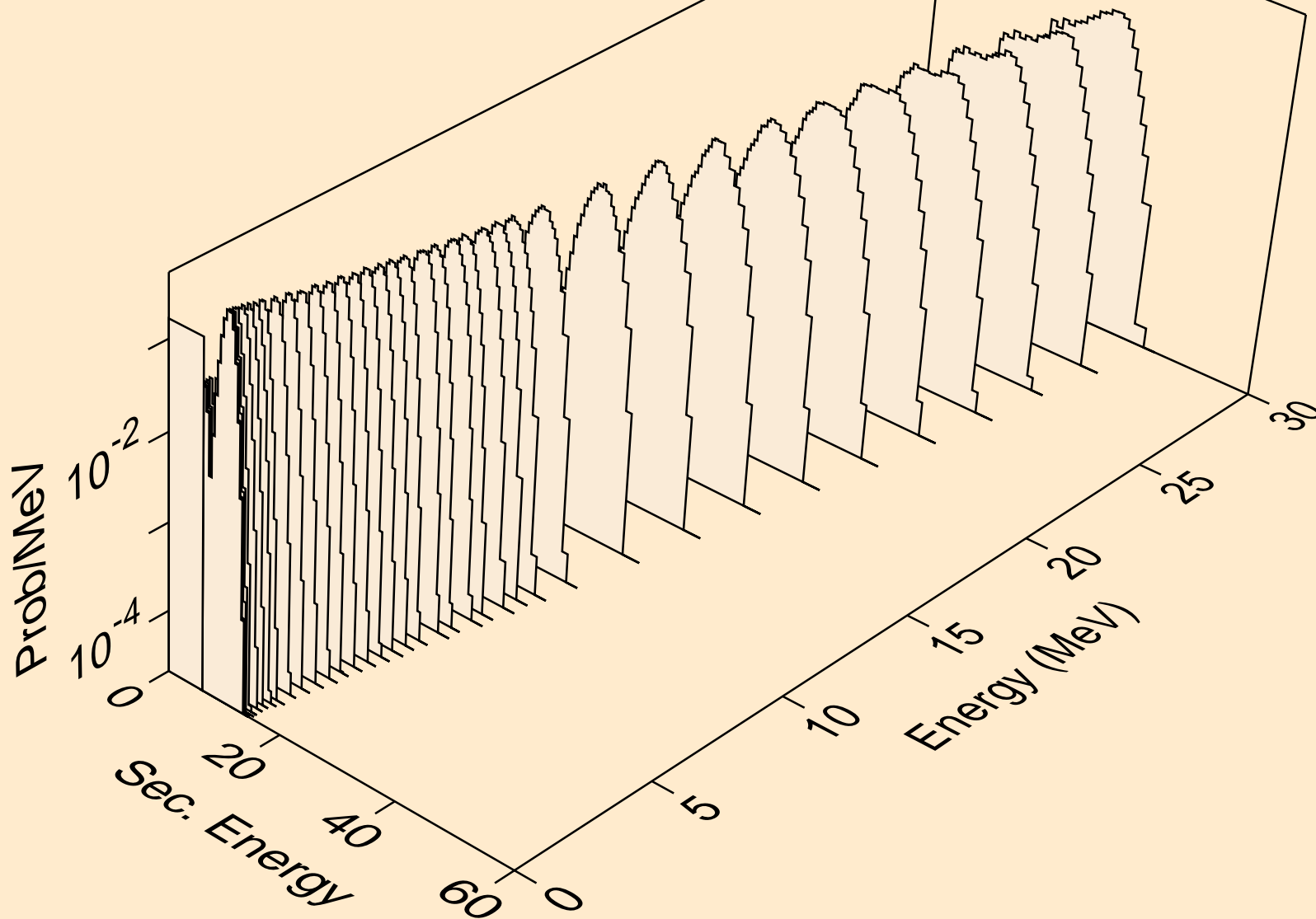




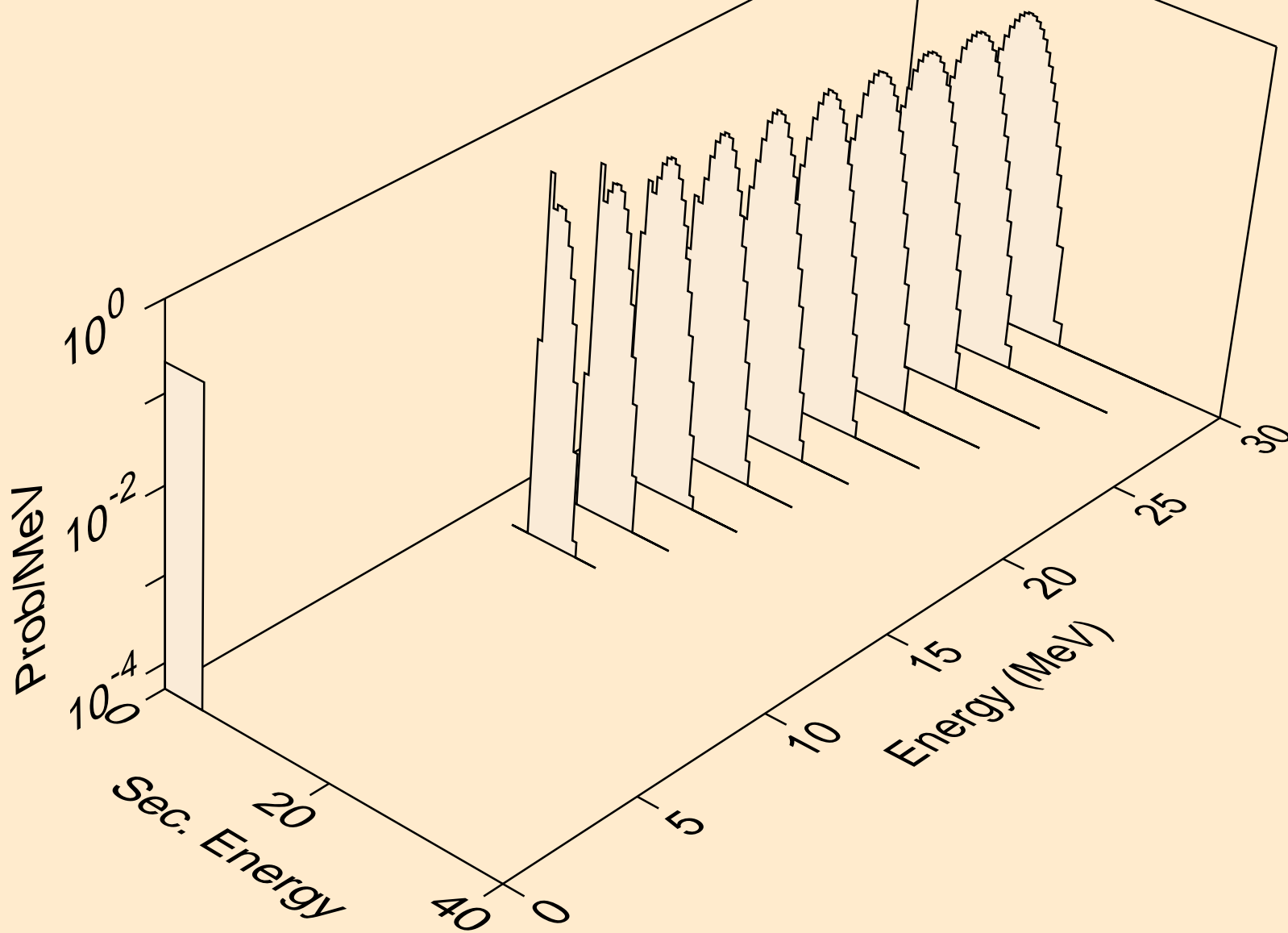
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



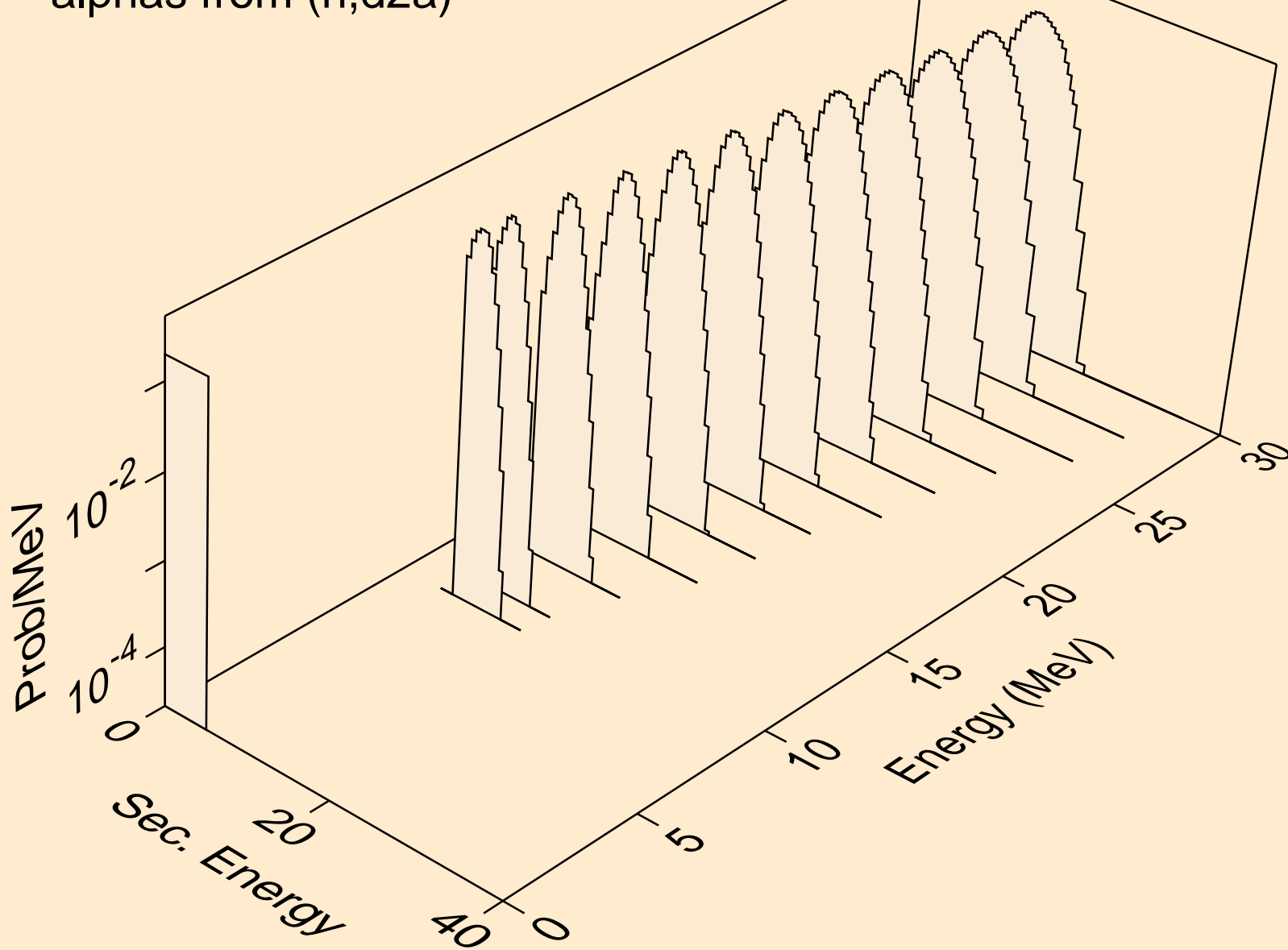
TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,t2a)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



TL184 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

