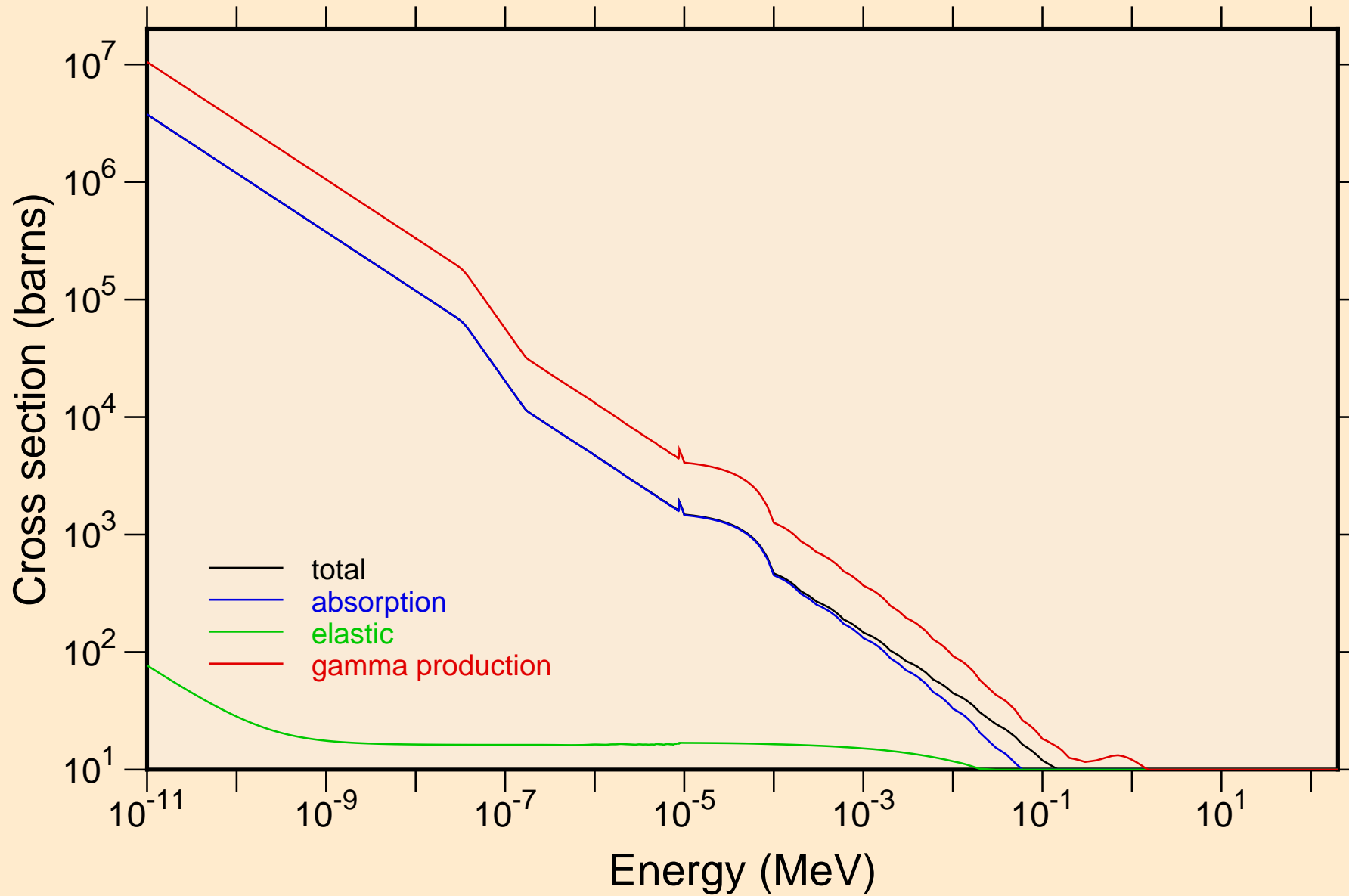
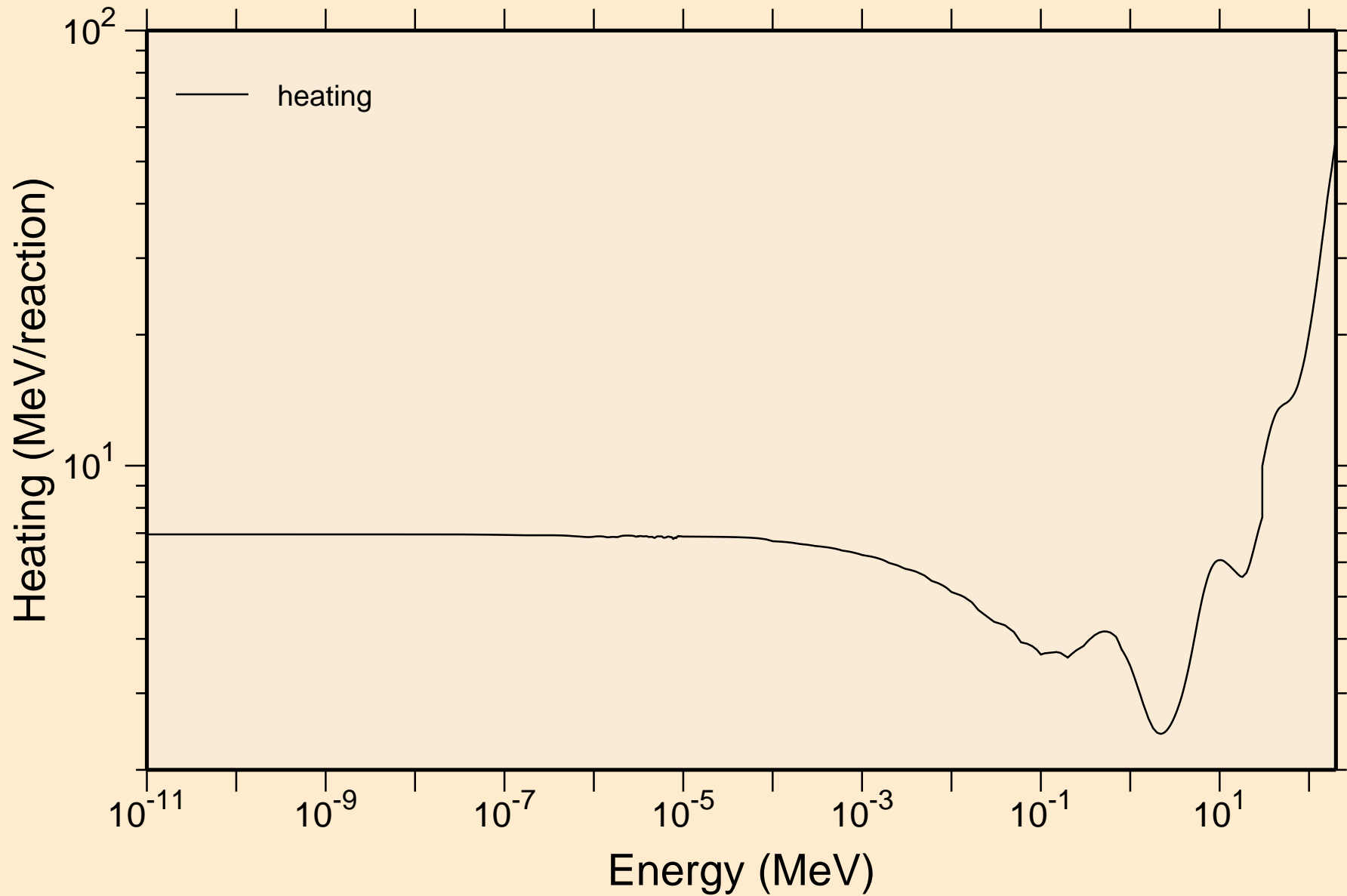


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

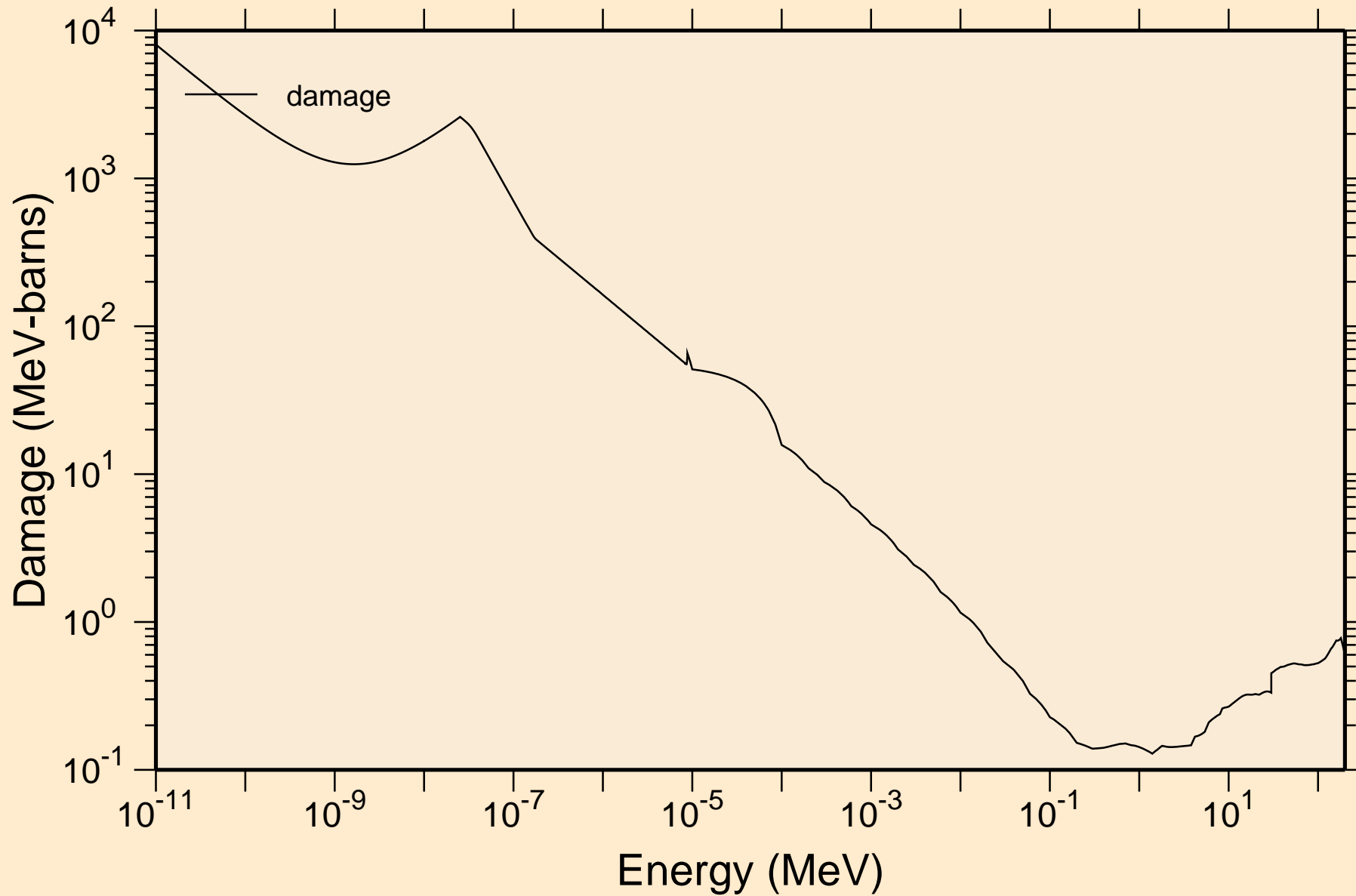


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

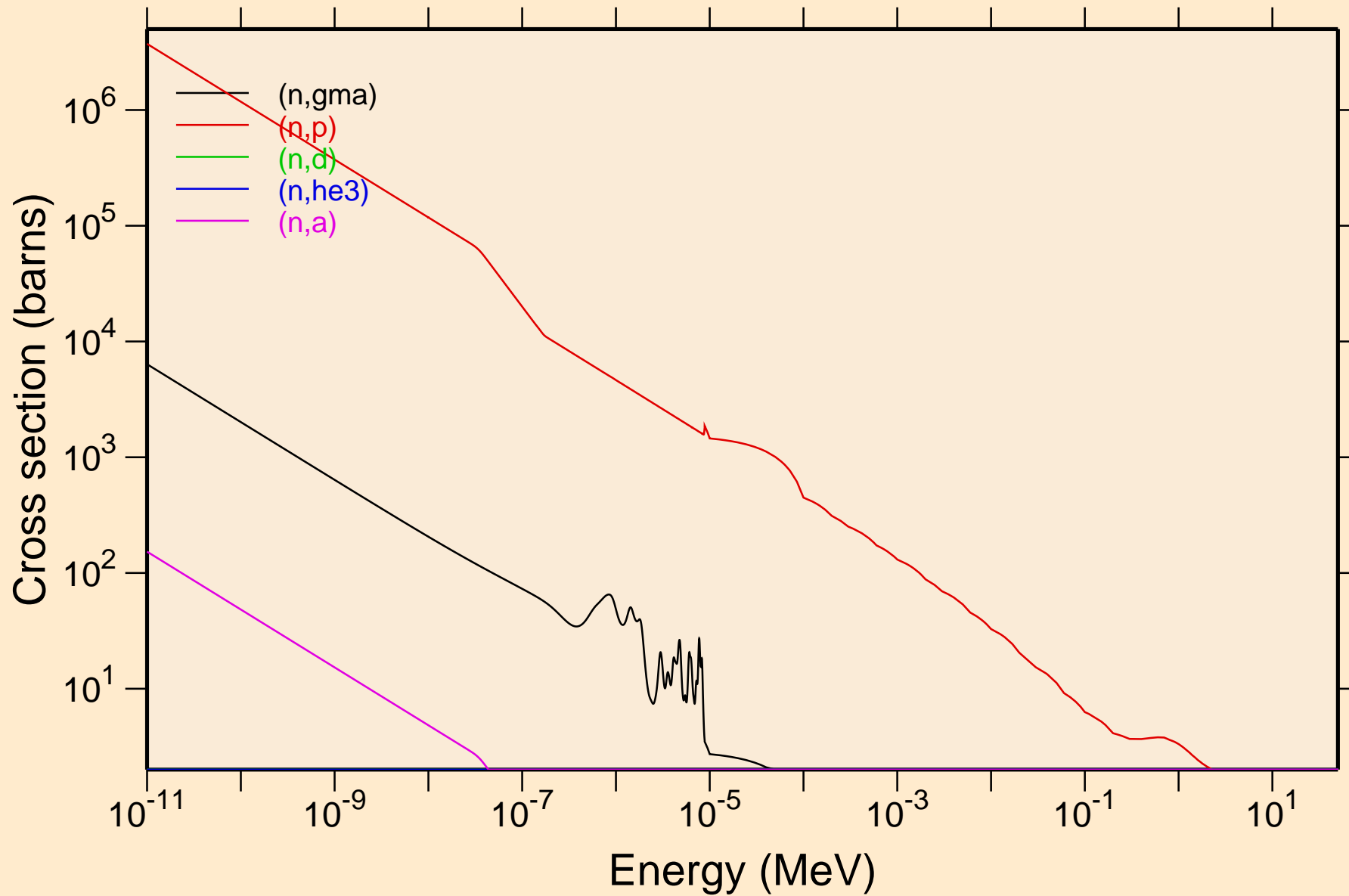


# TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

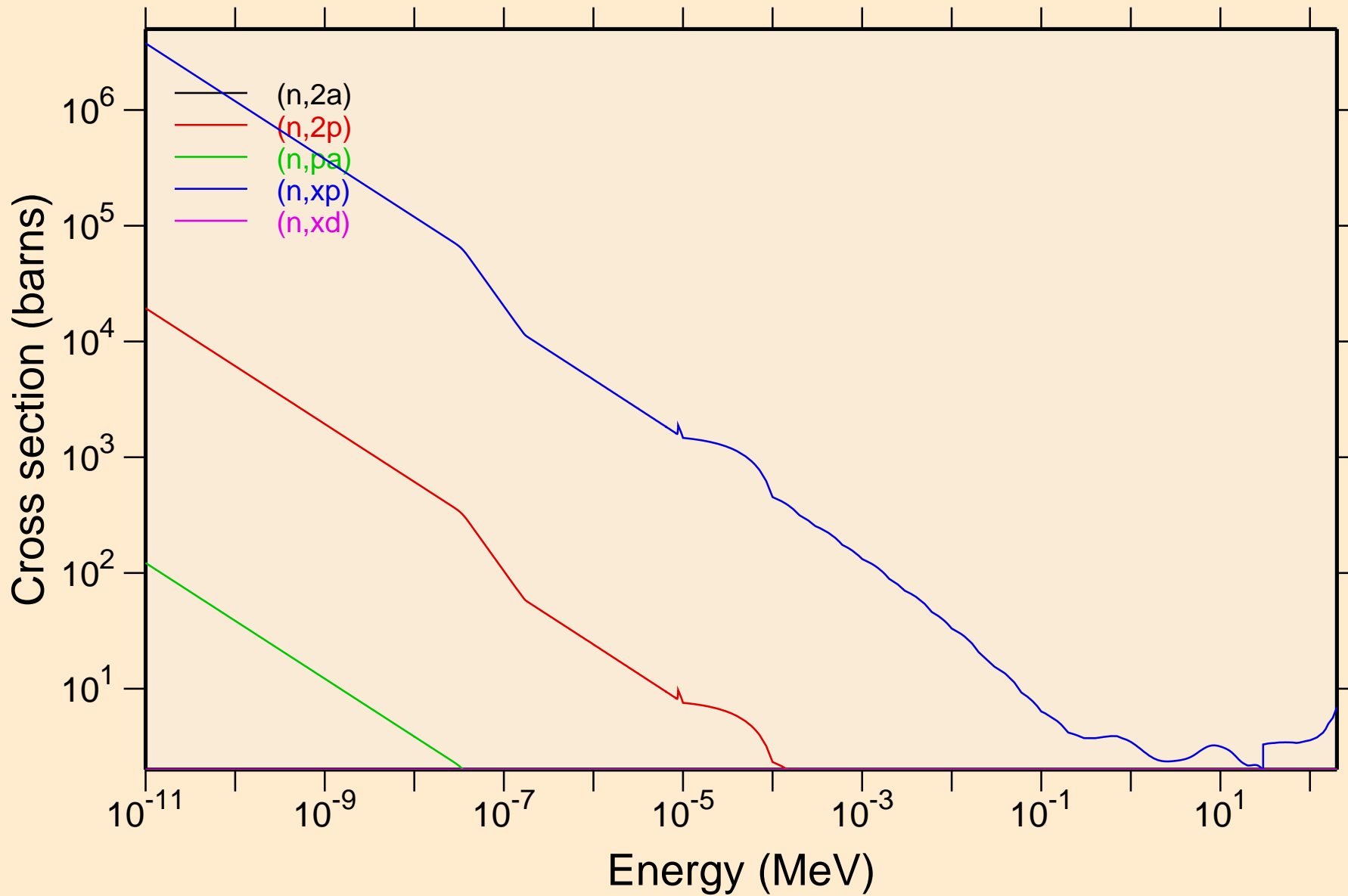
## Damage



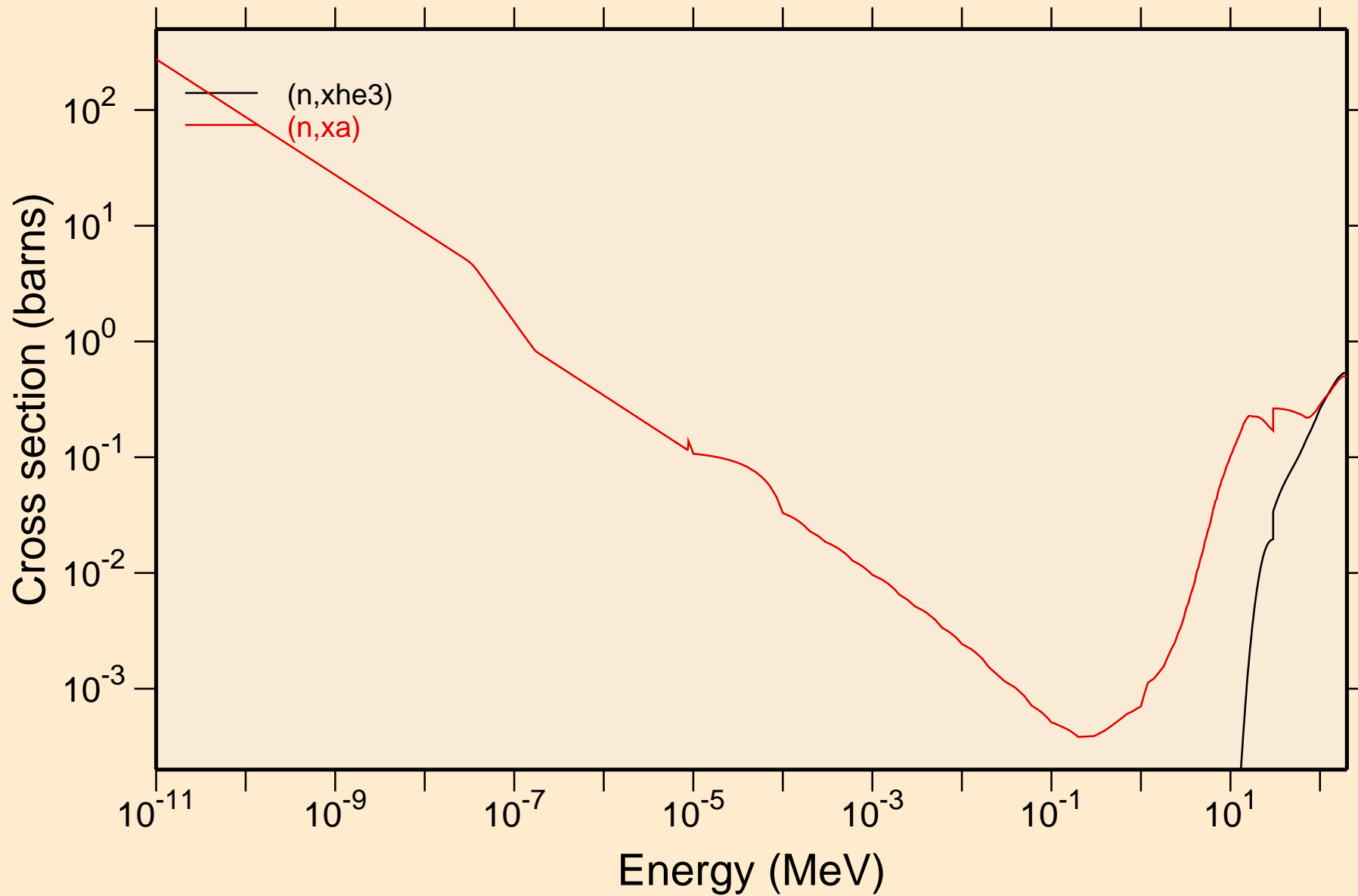
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



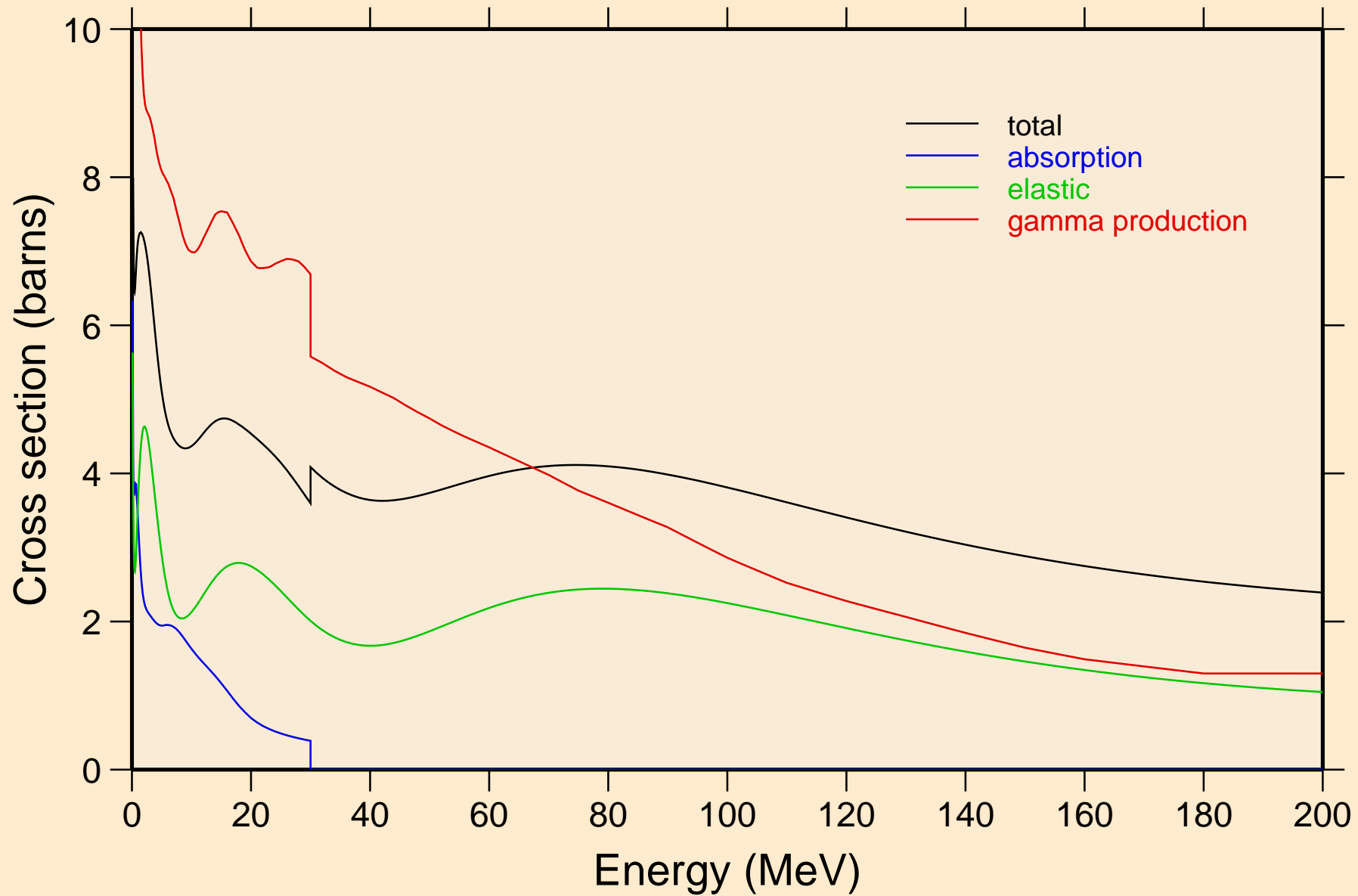
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



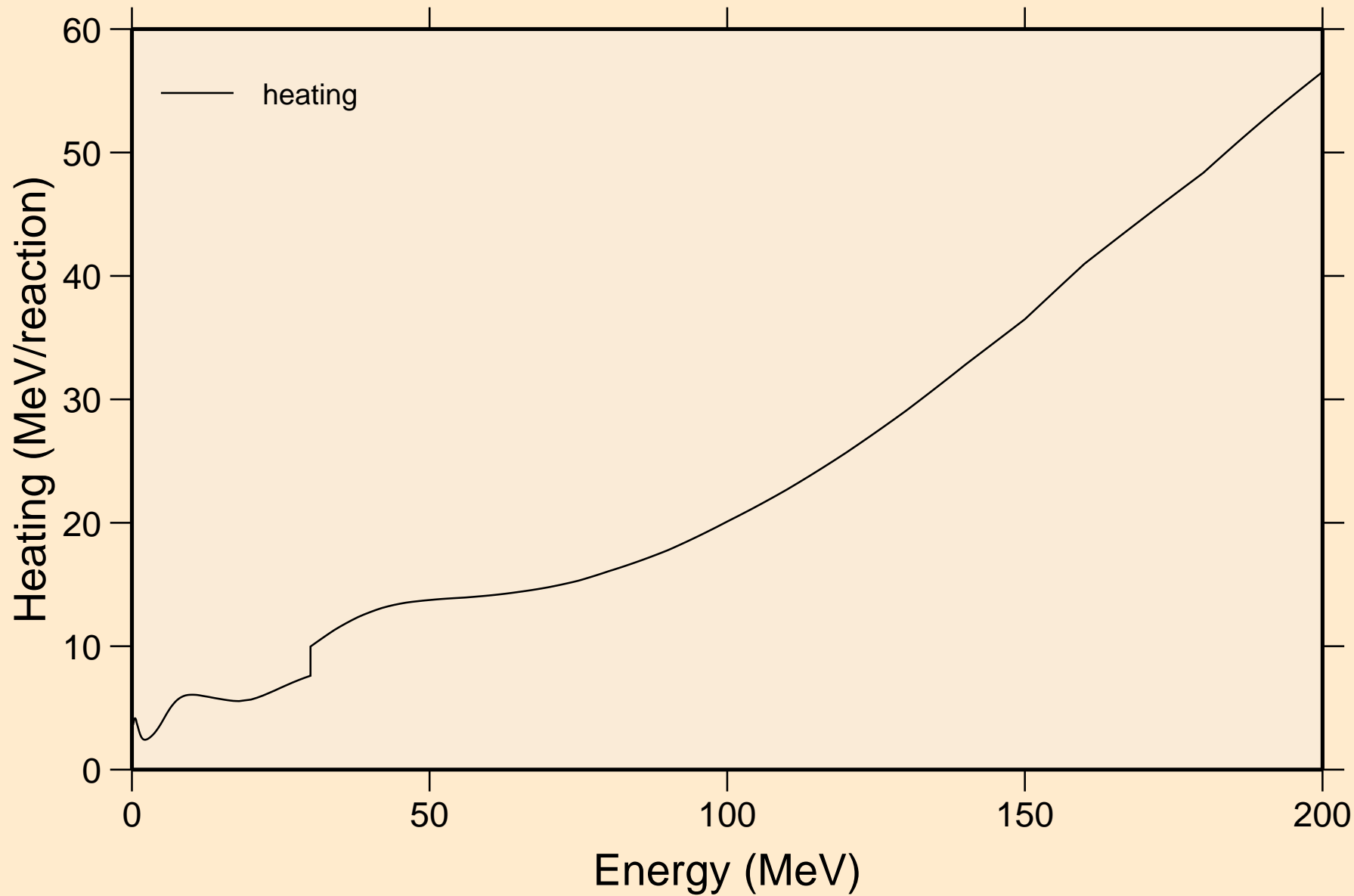
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

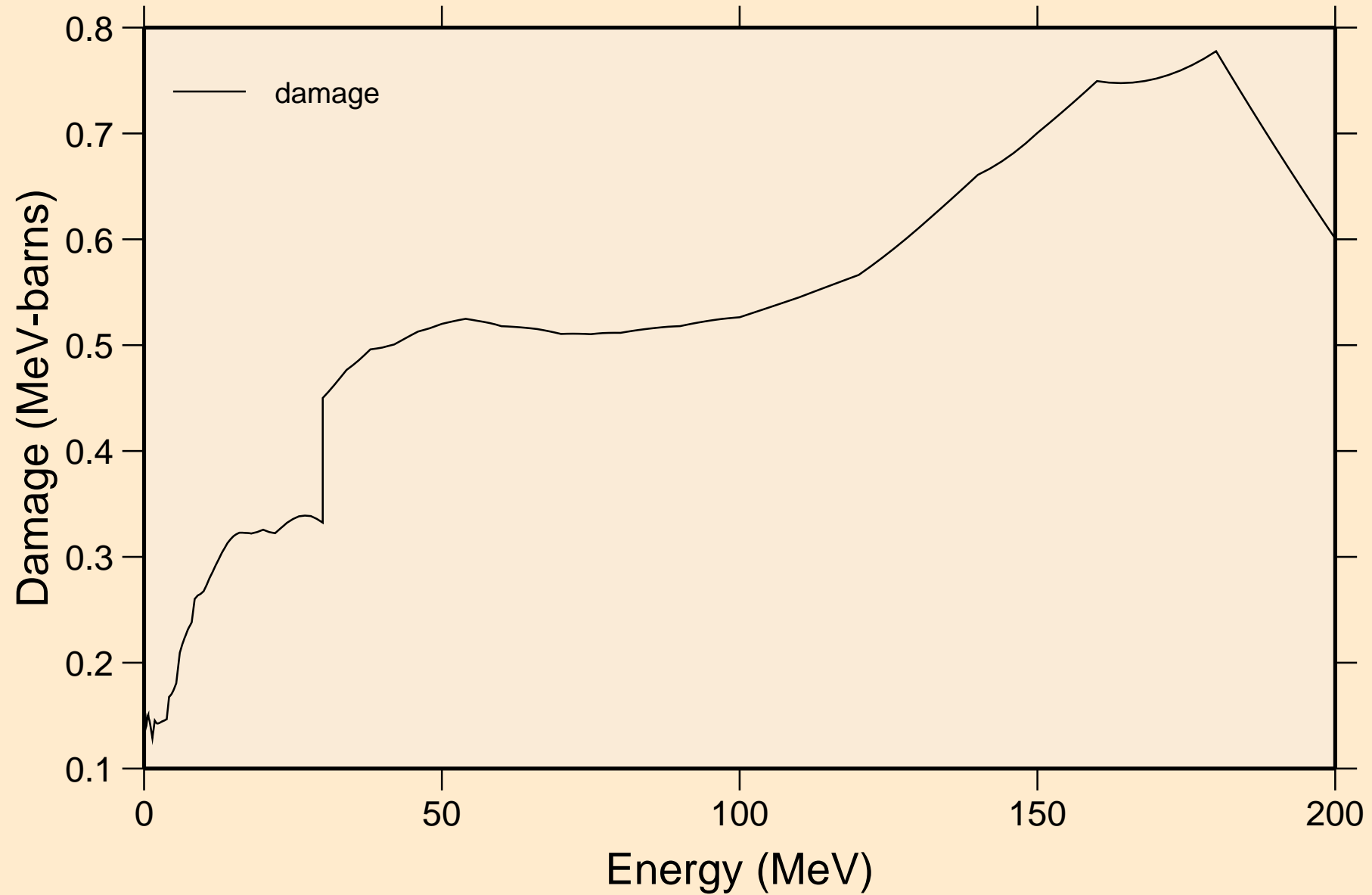


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

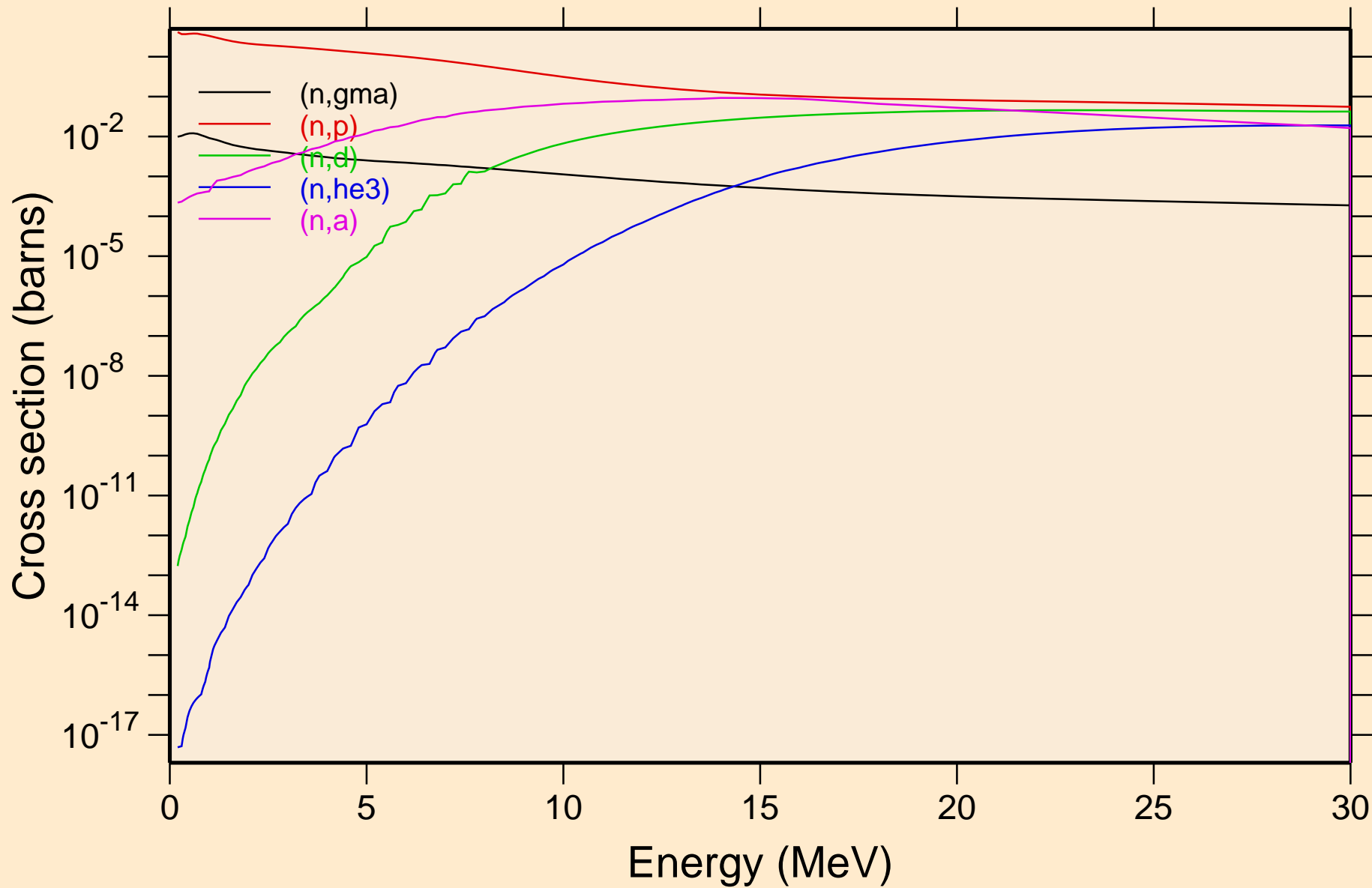




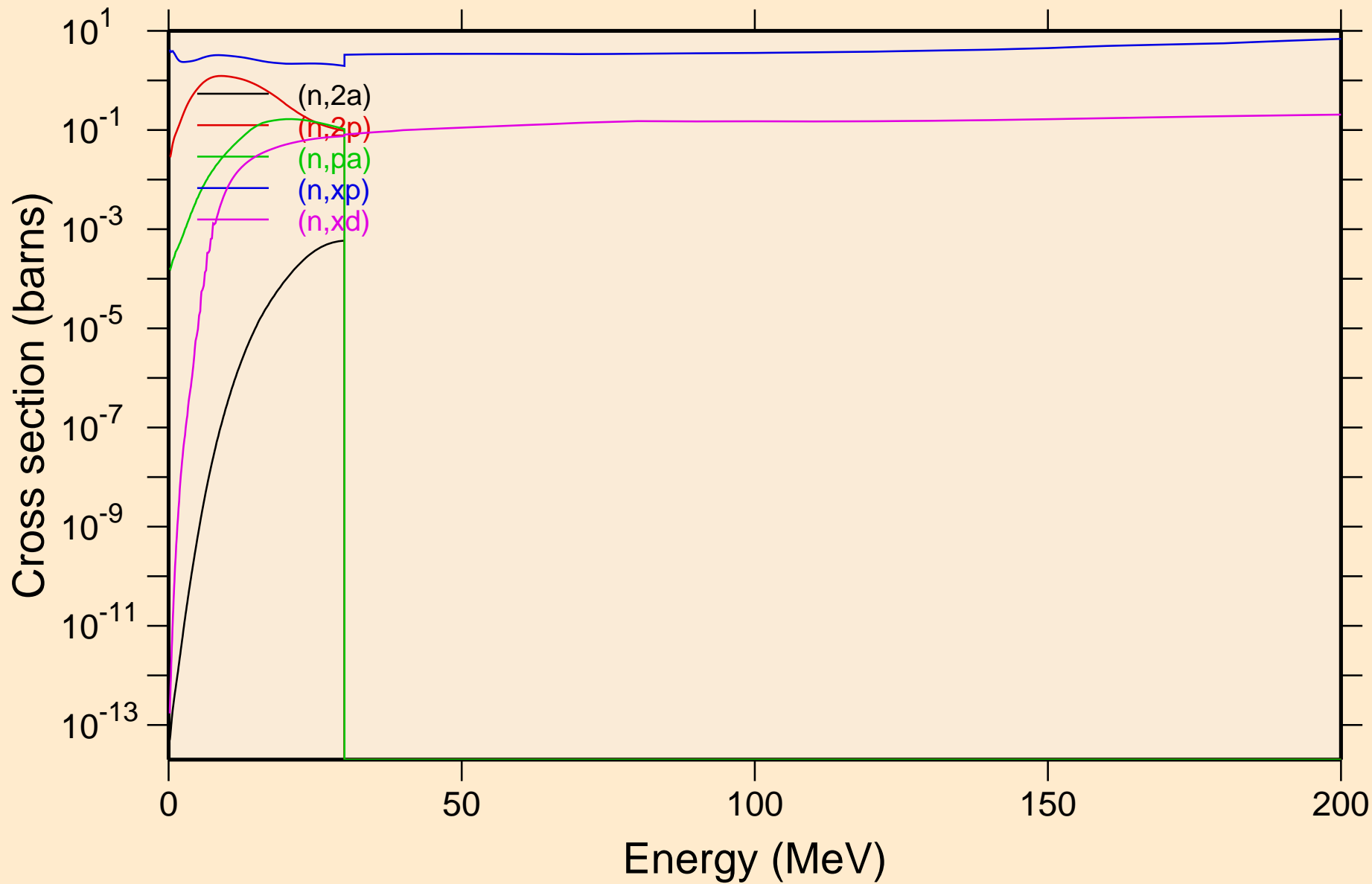
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



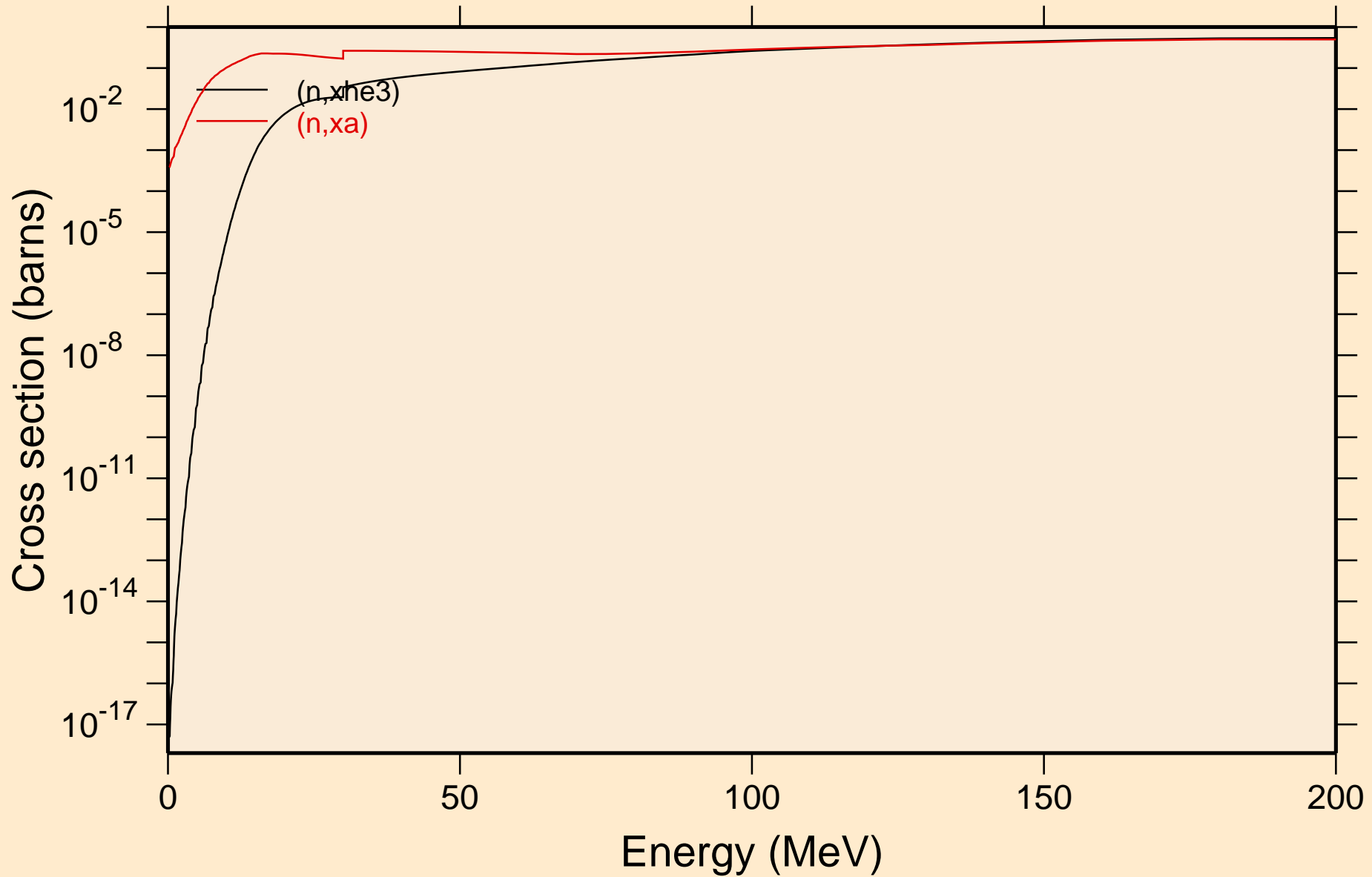
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



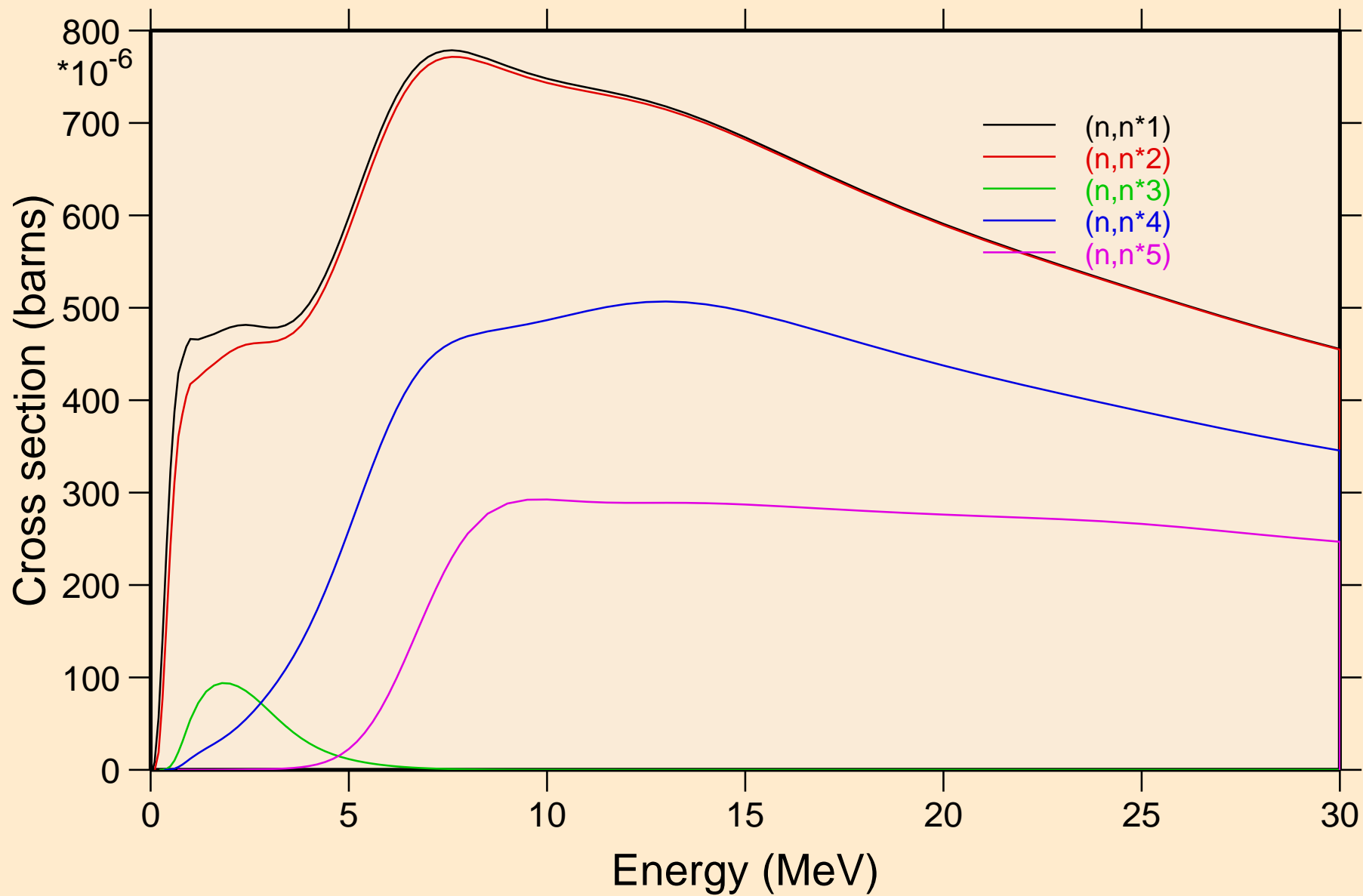
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



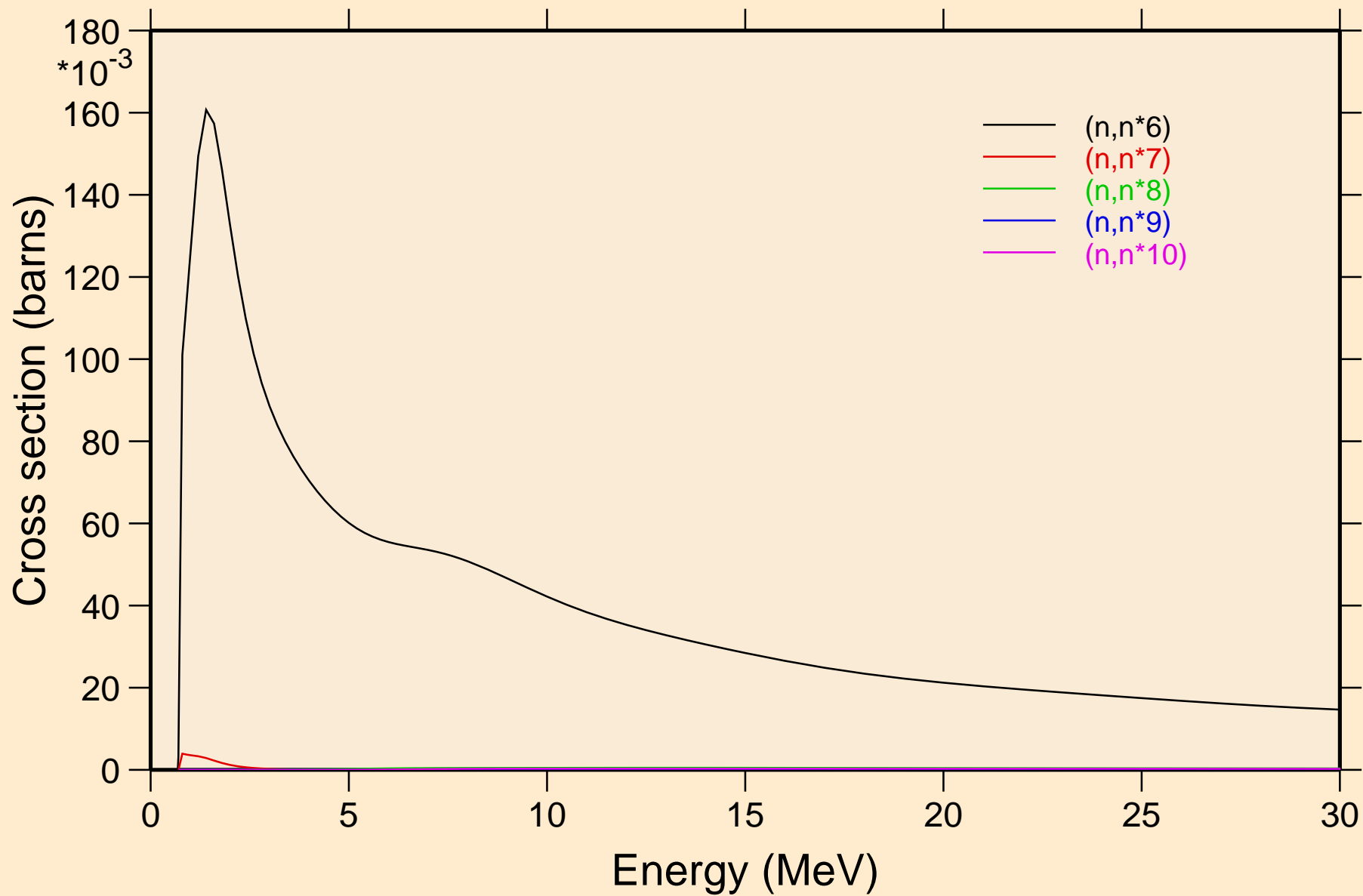
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



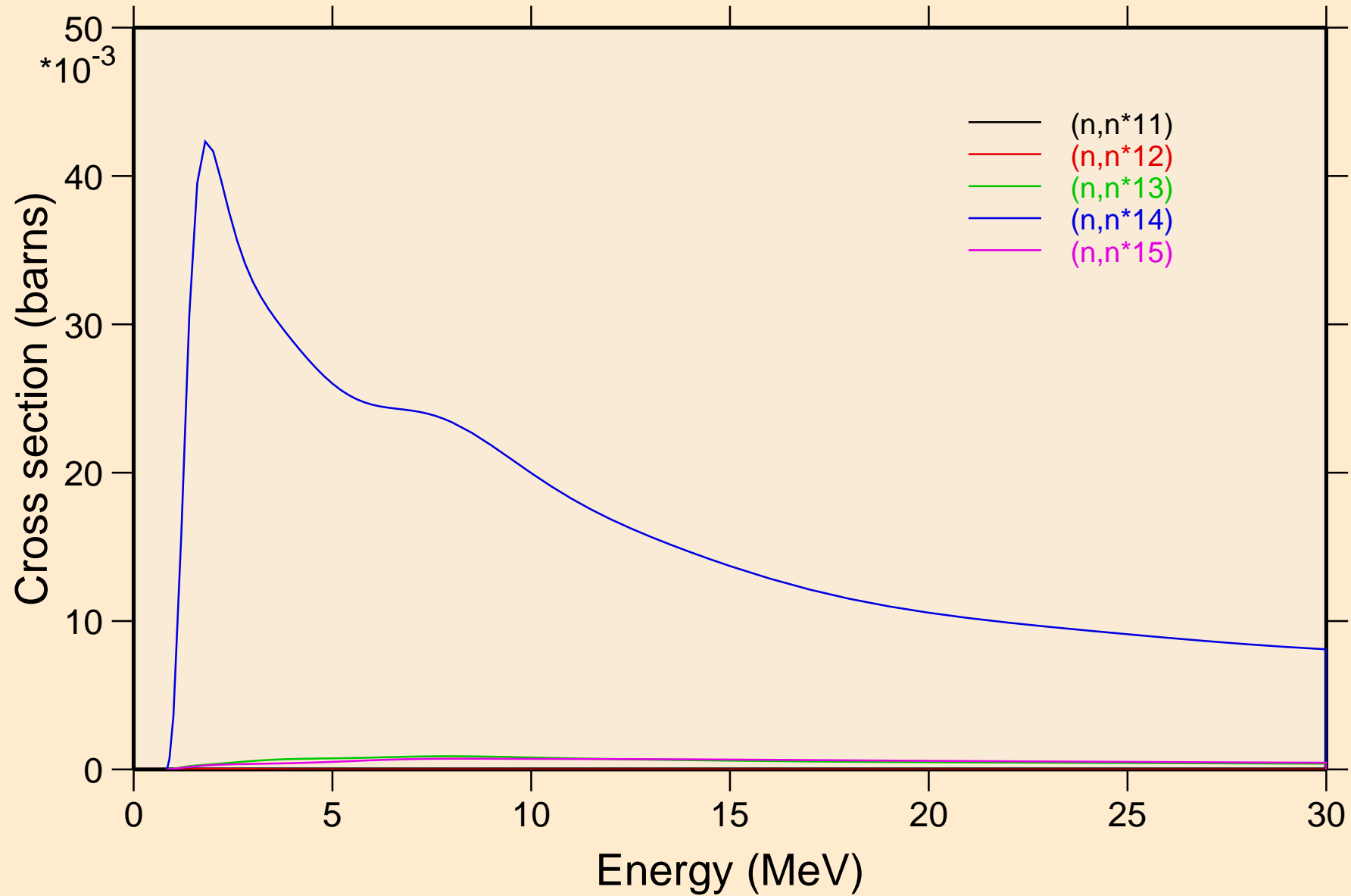
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



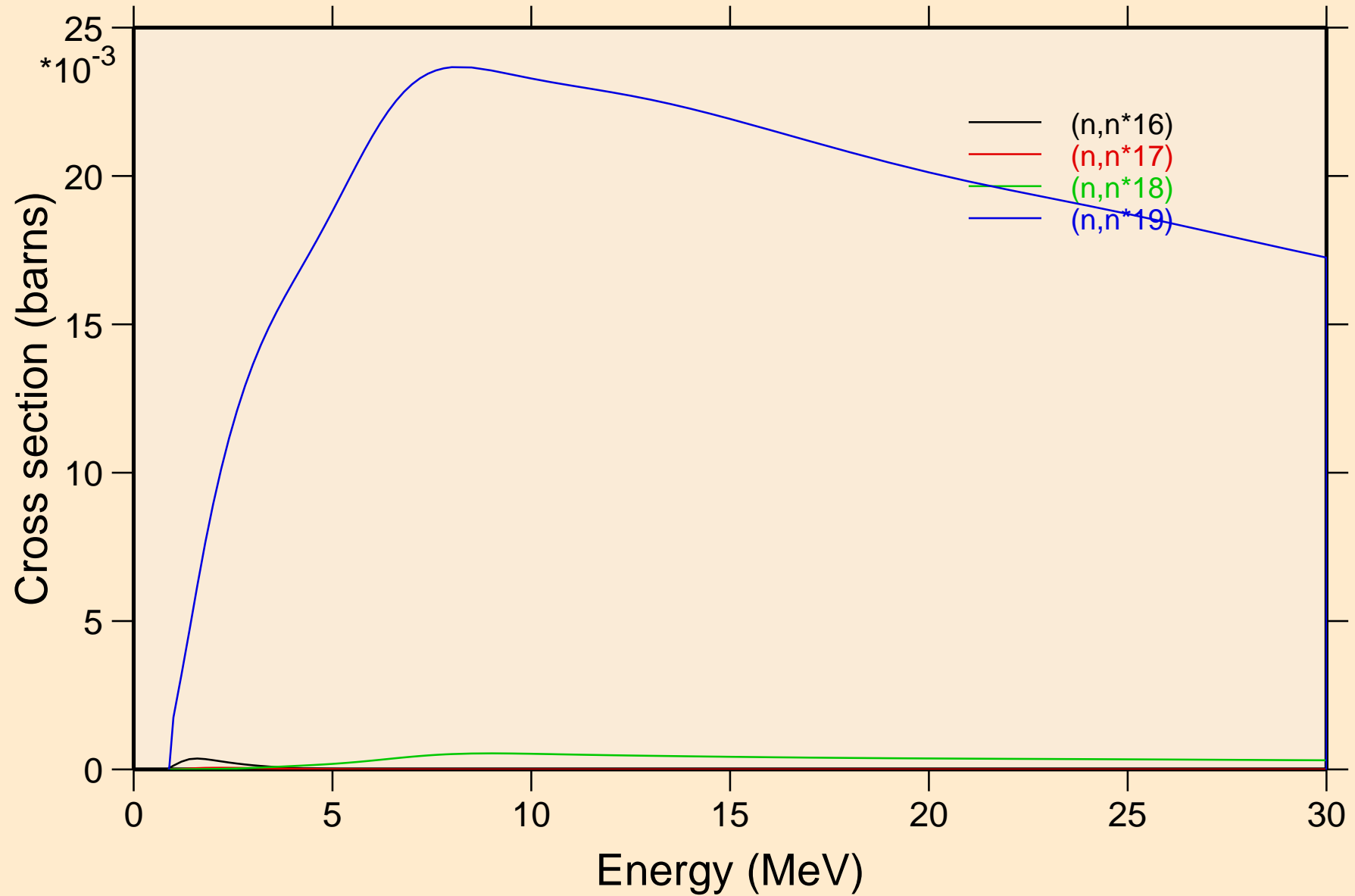
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

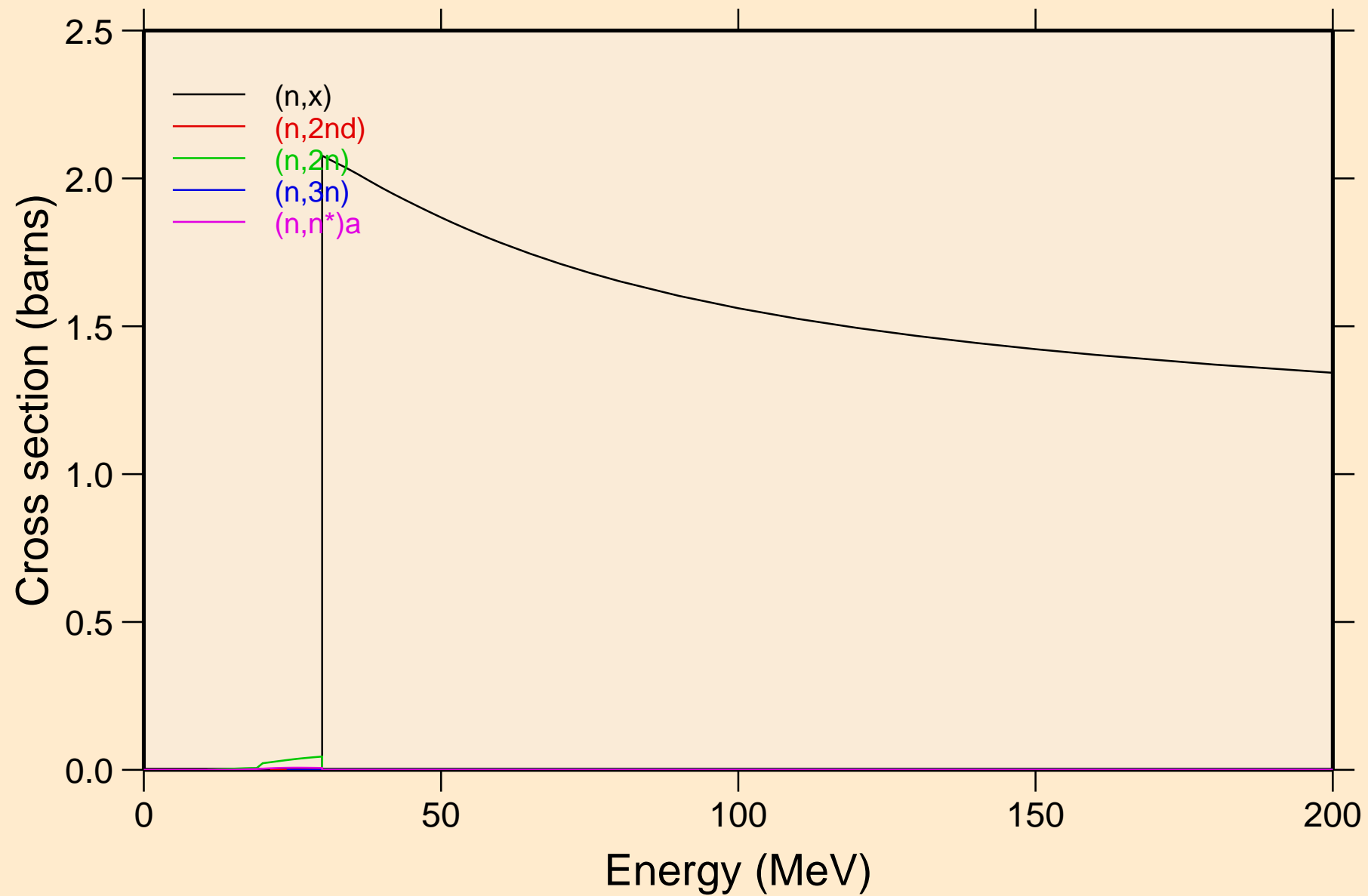


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

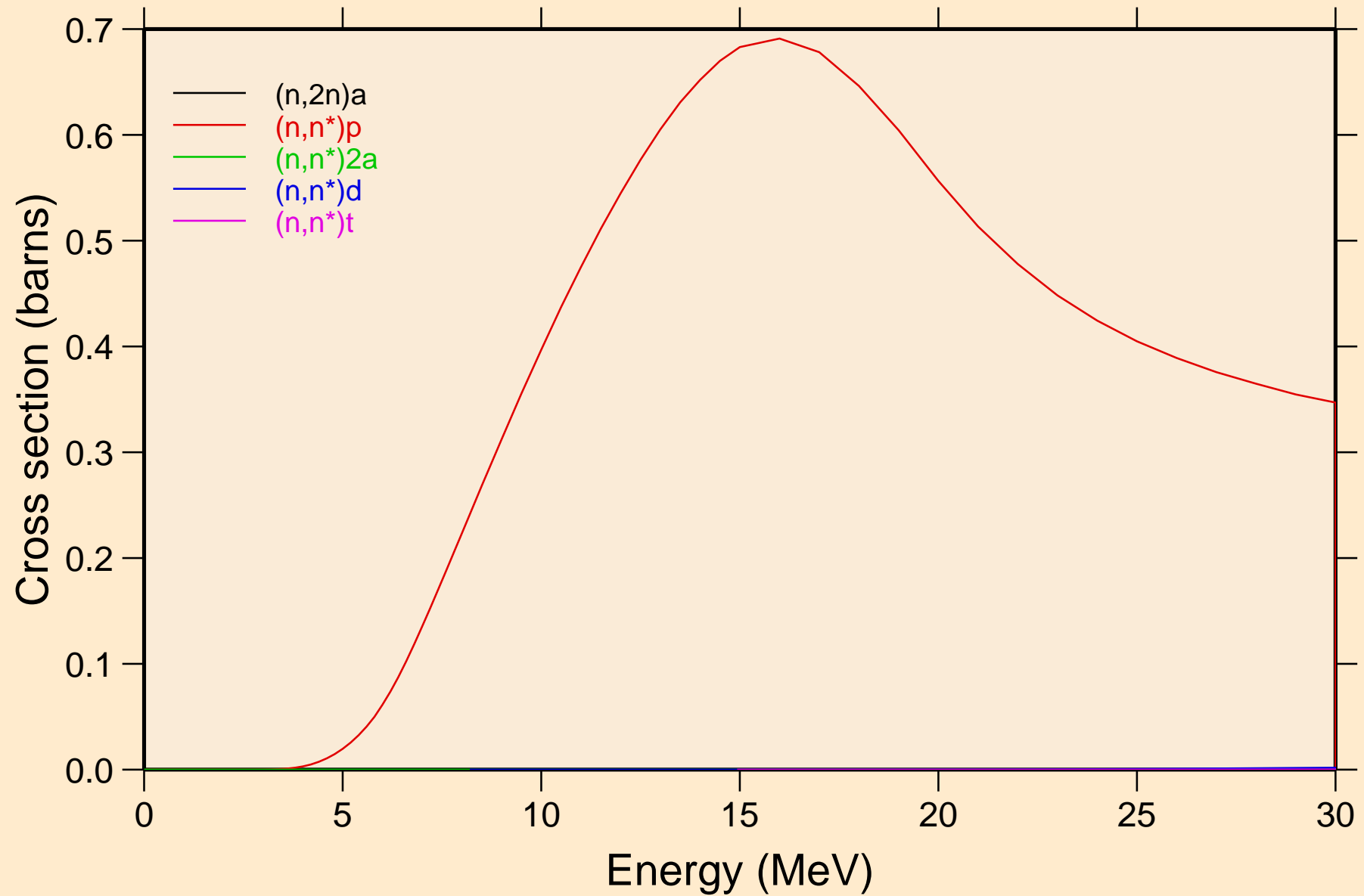




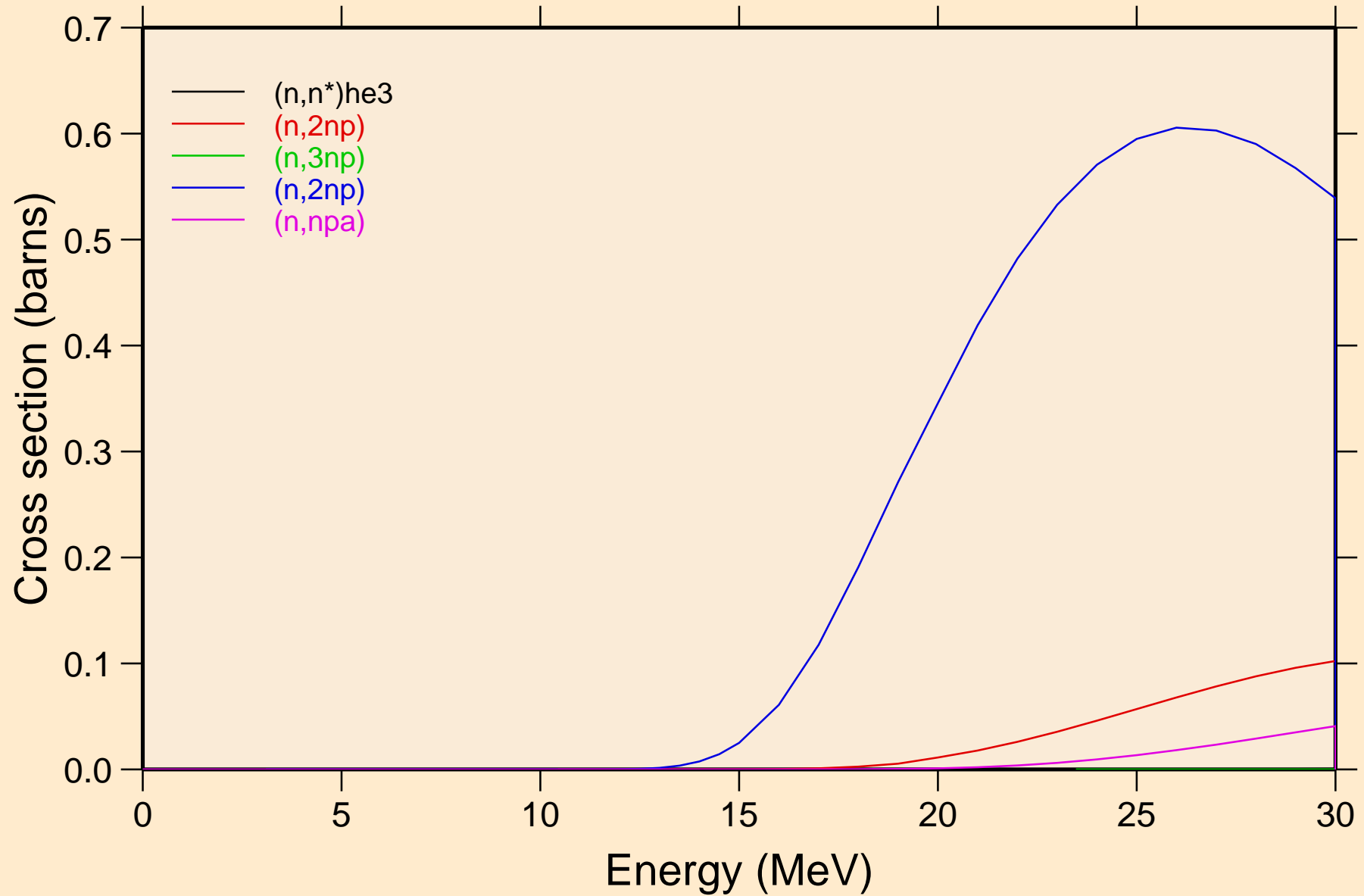
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



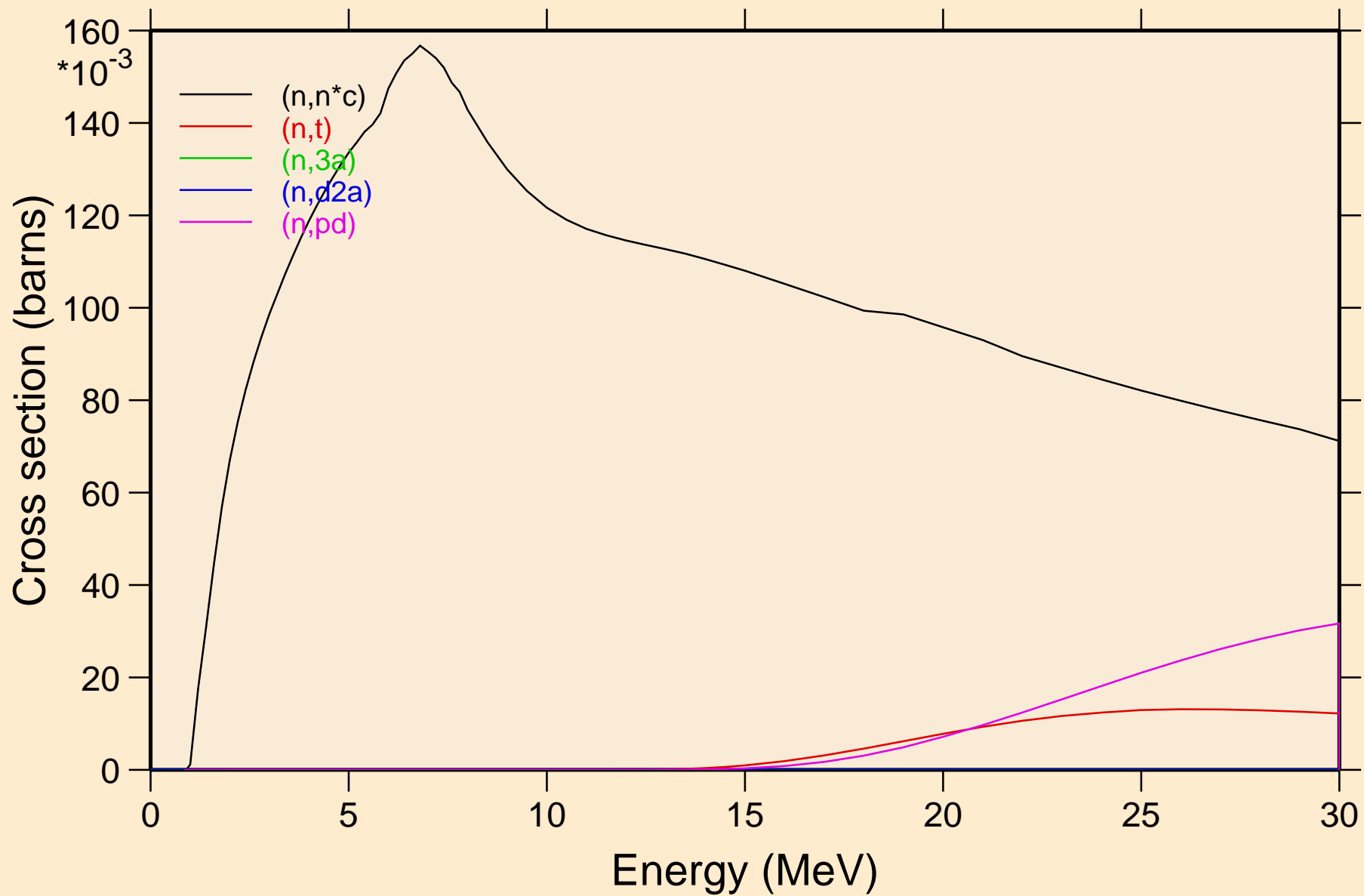
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



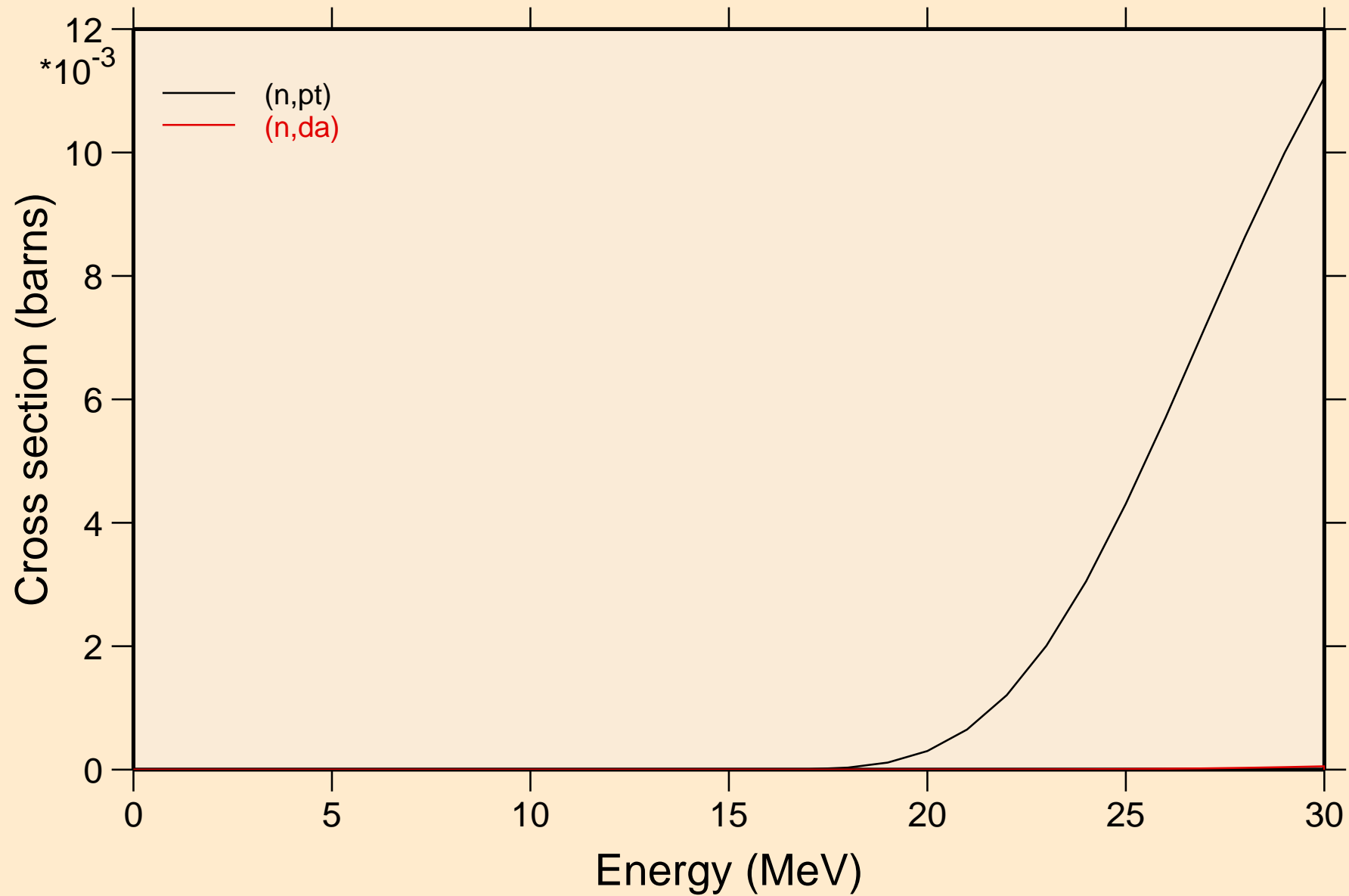
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



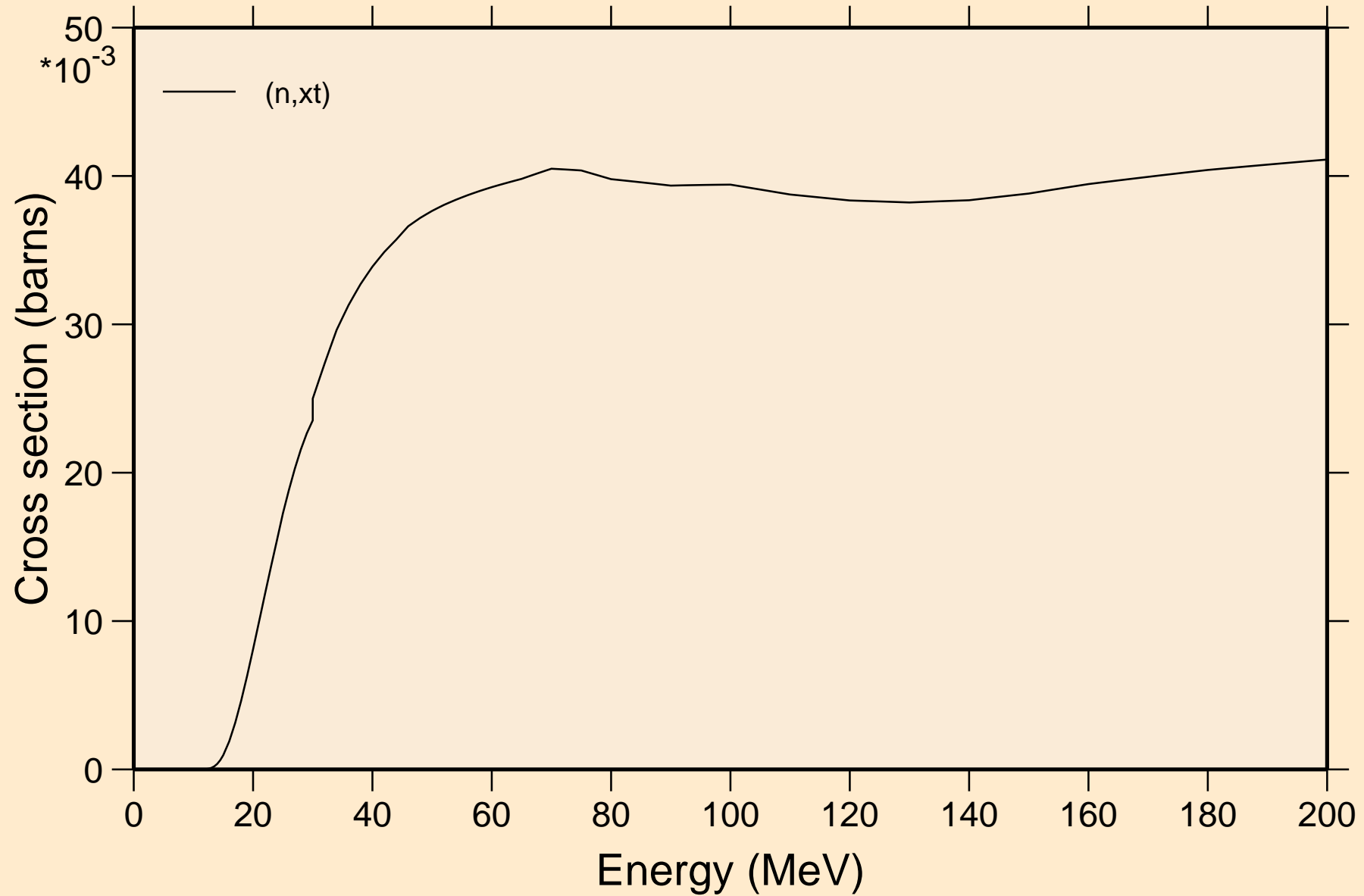
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



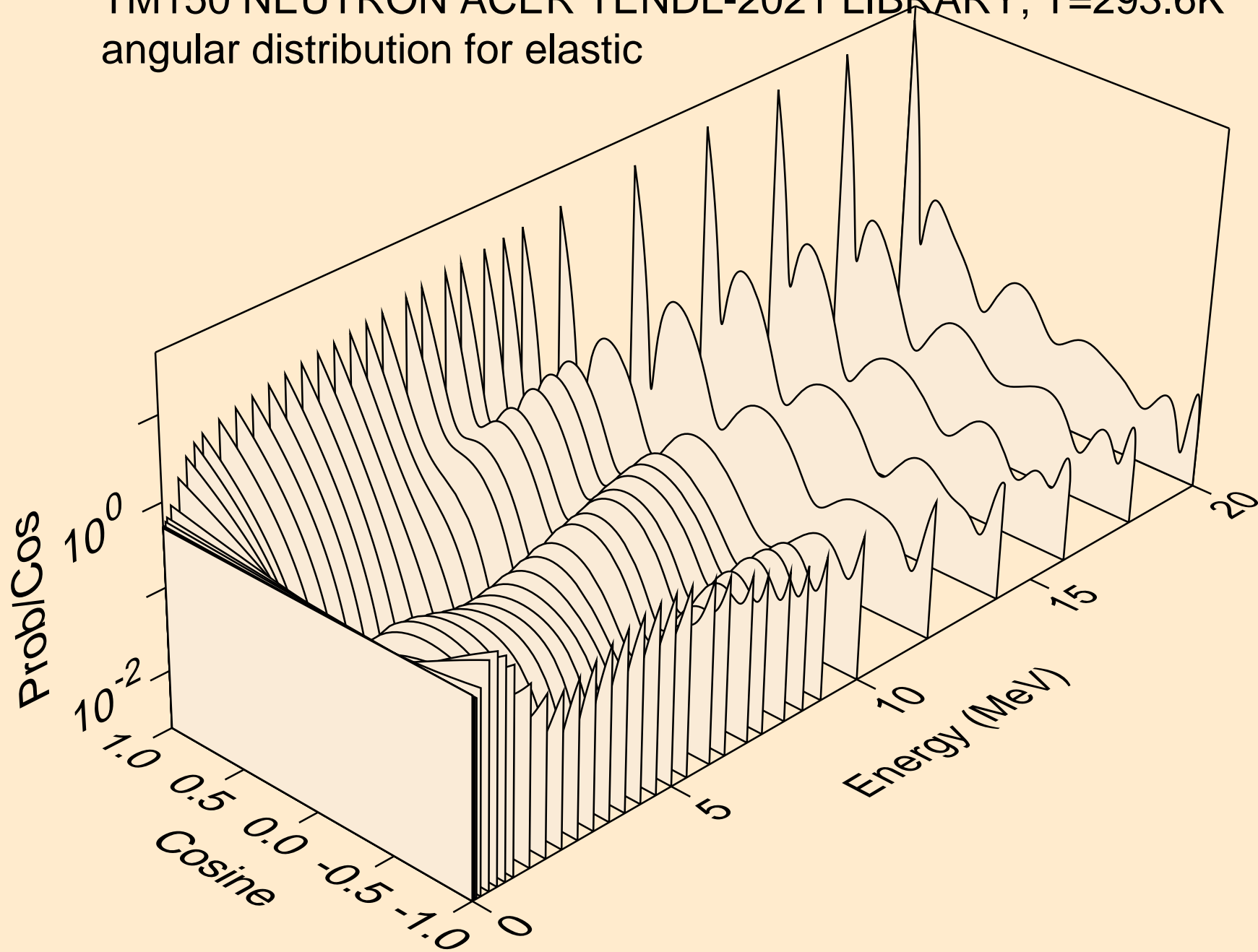
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



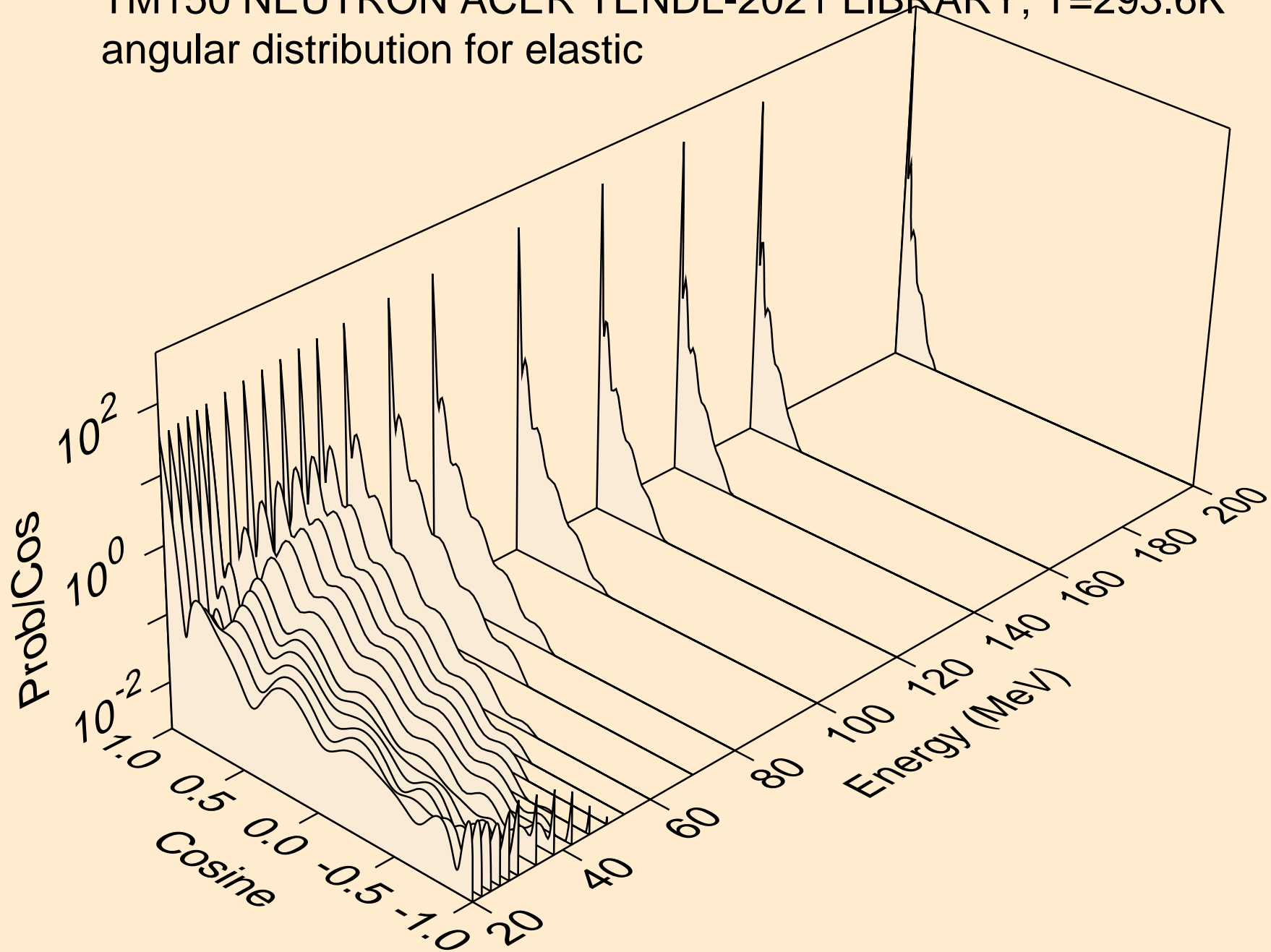
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

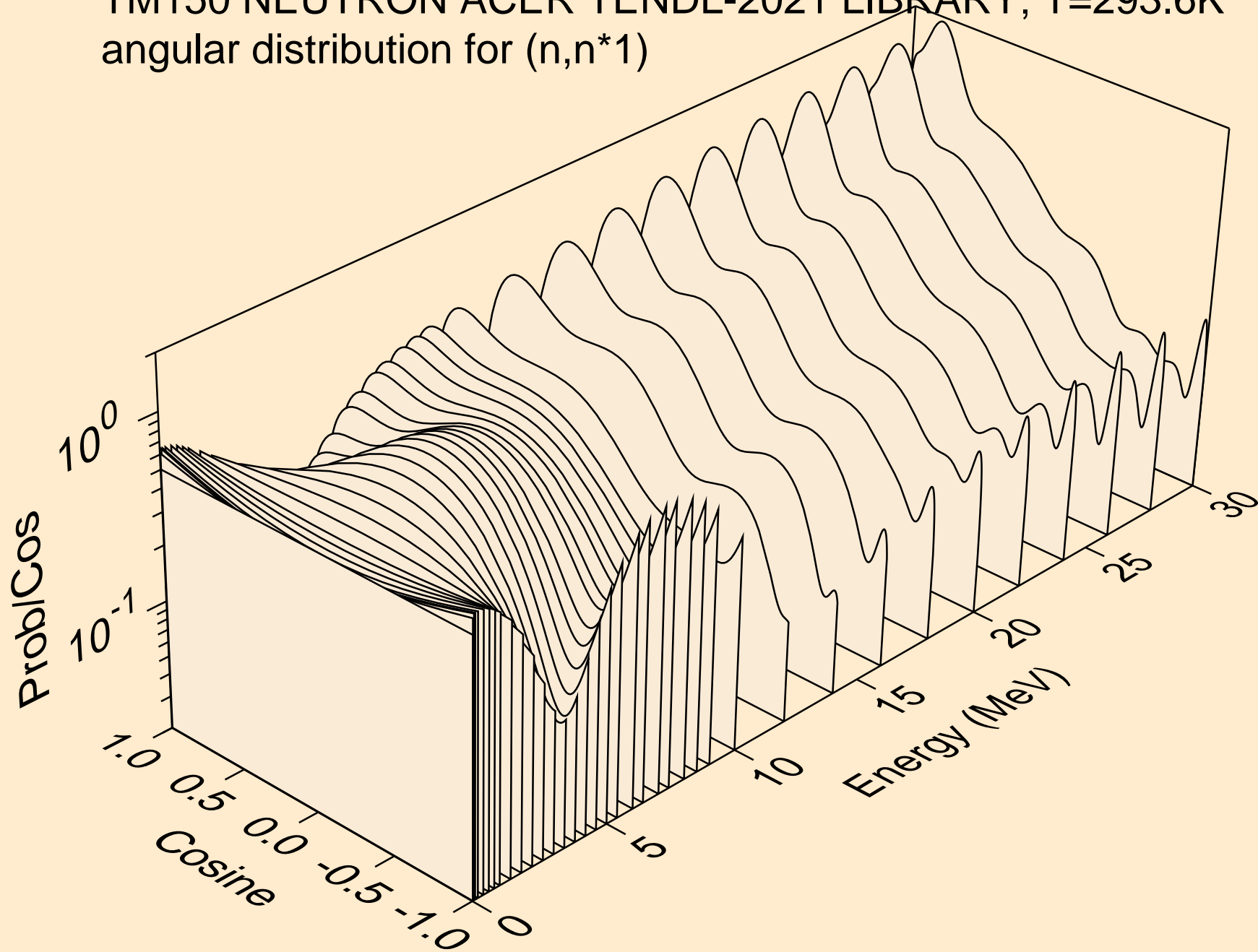


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

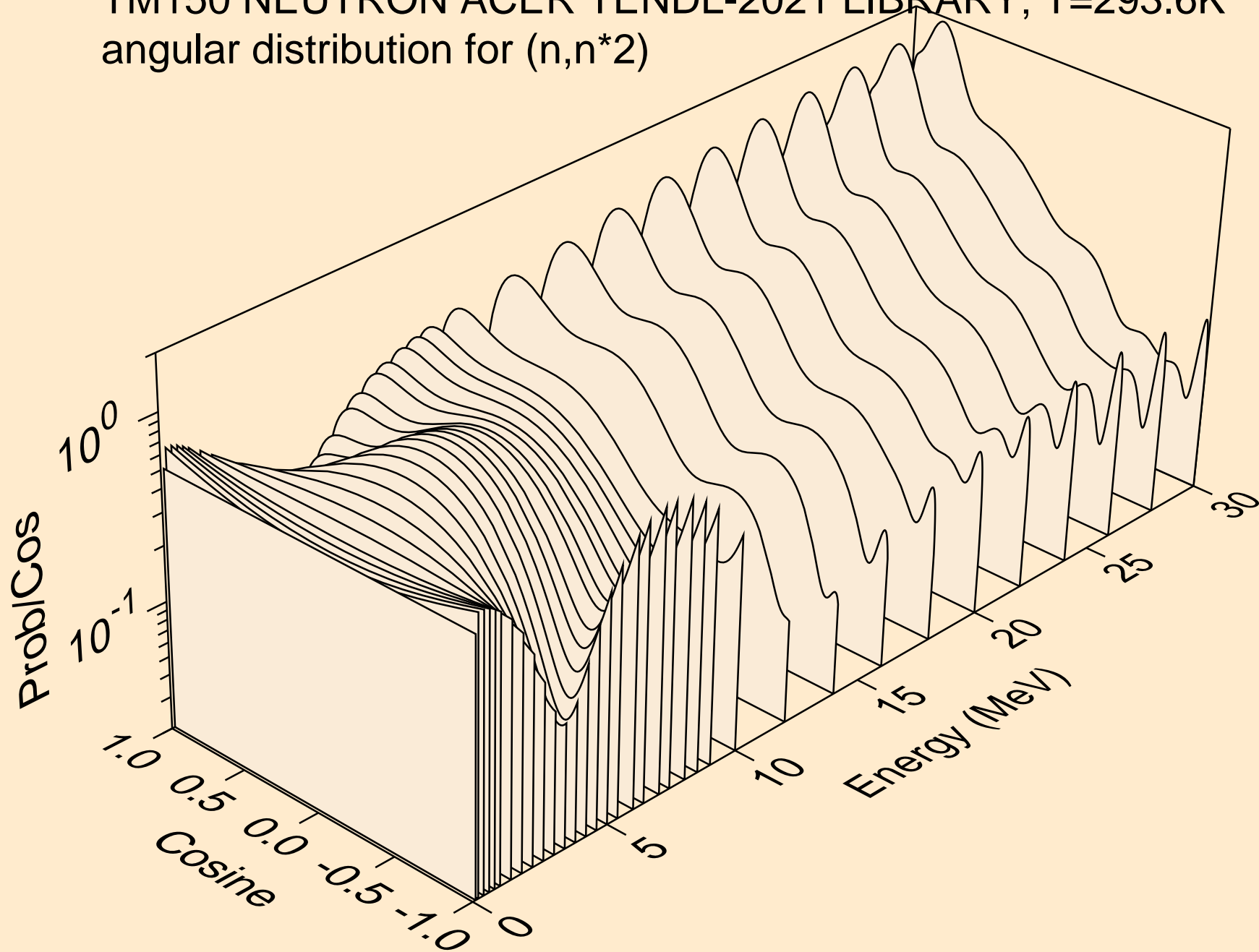




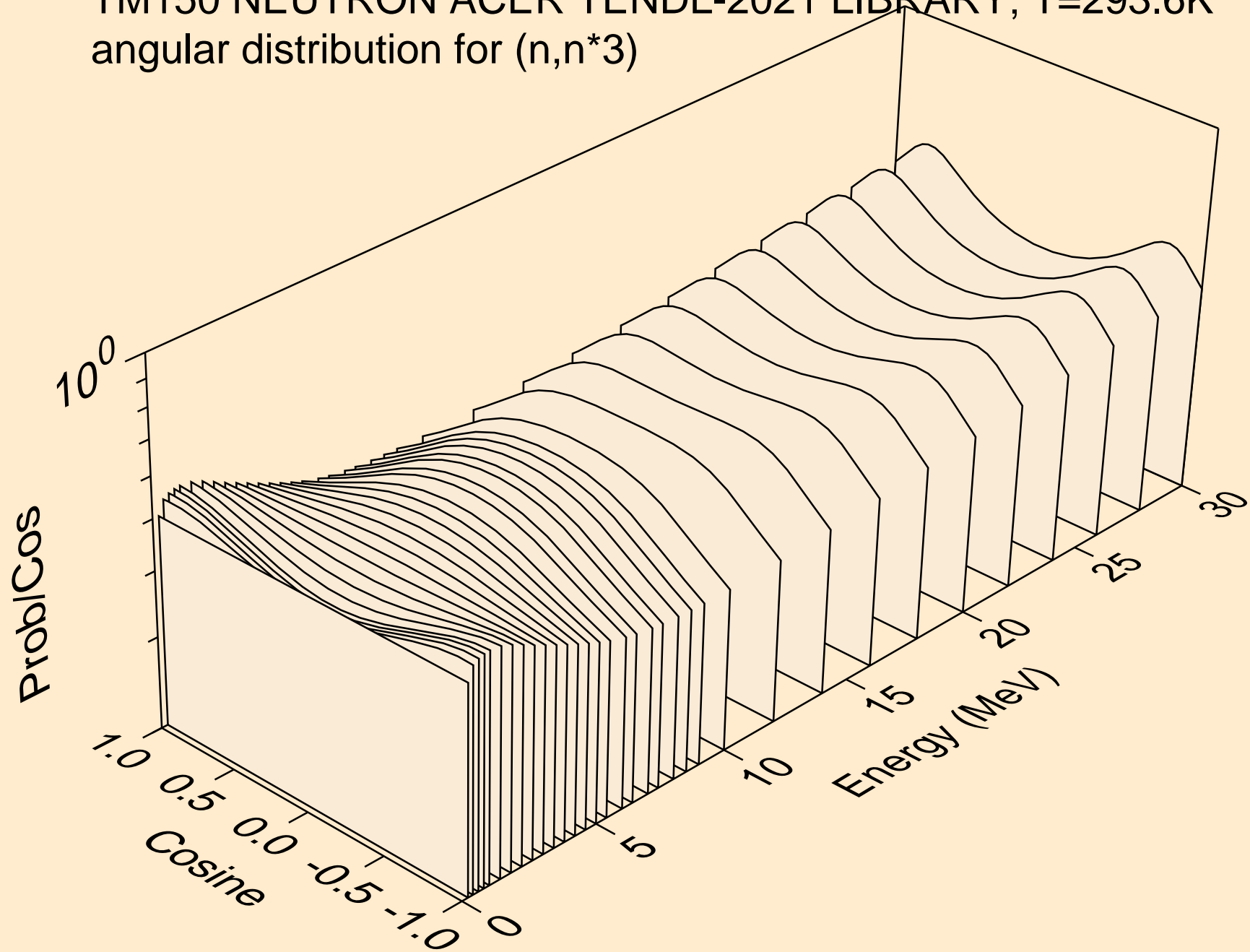
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



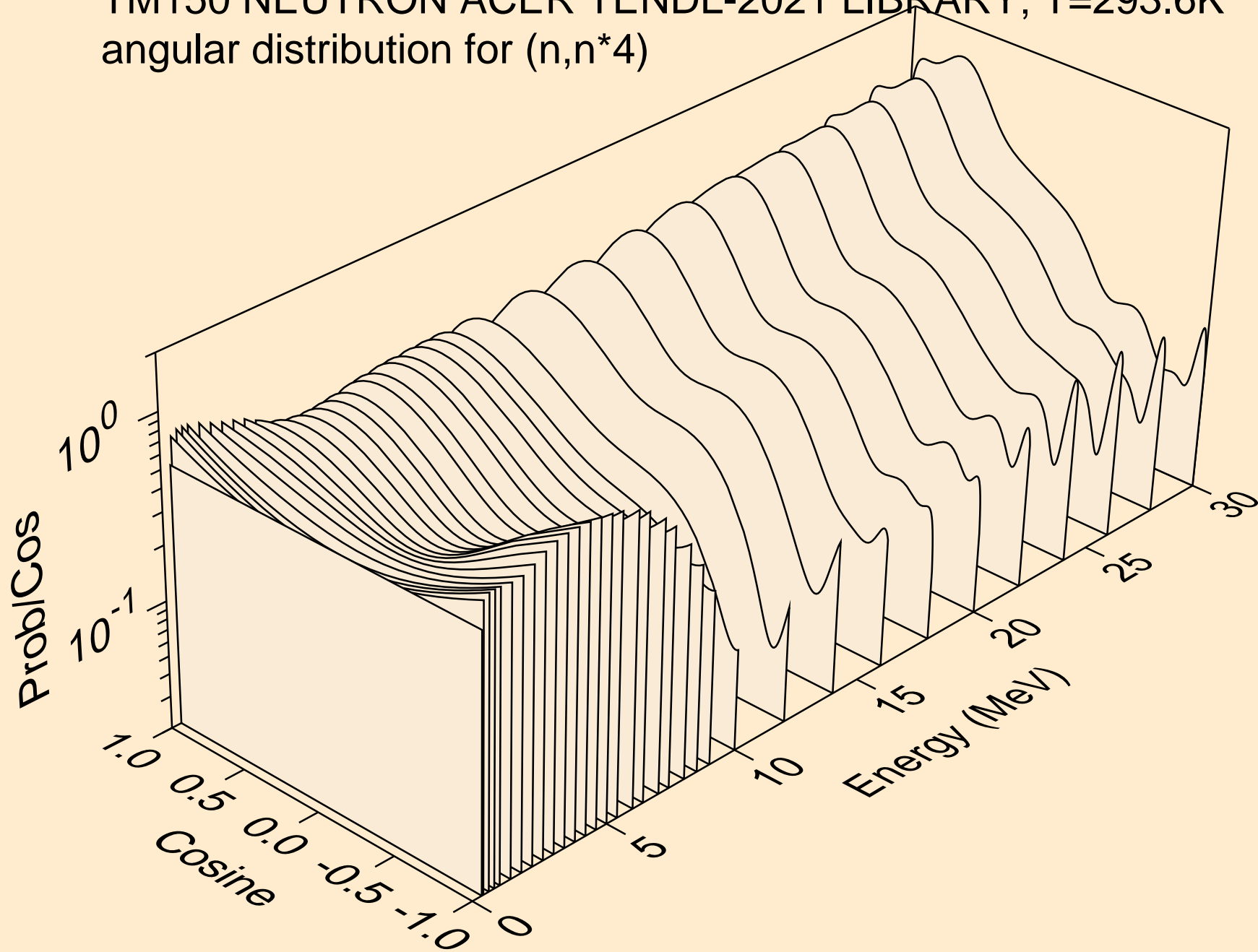
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



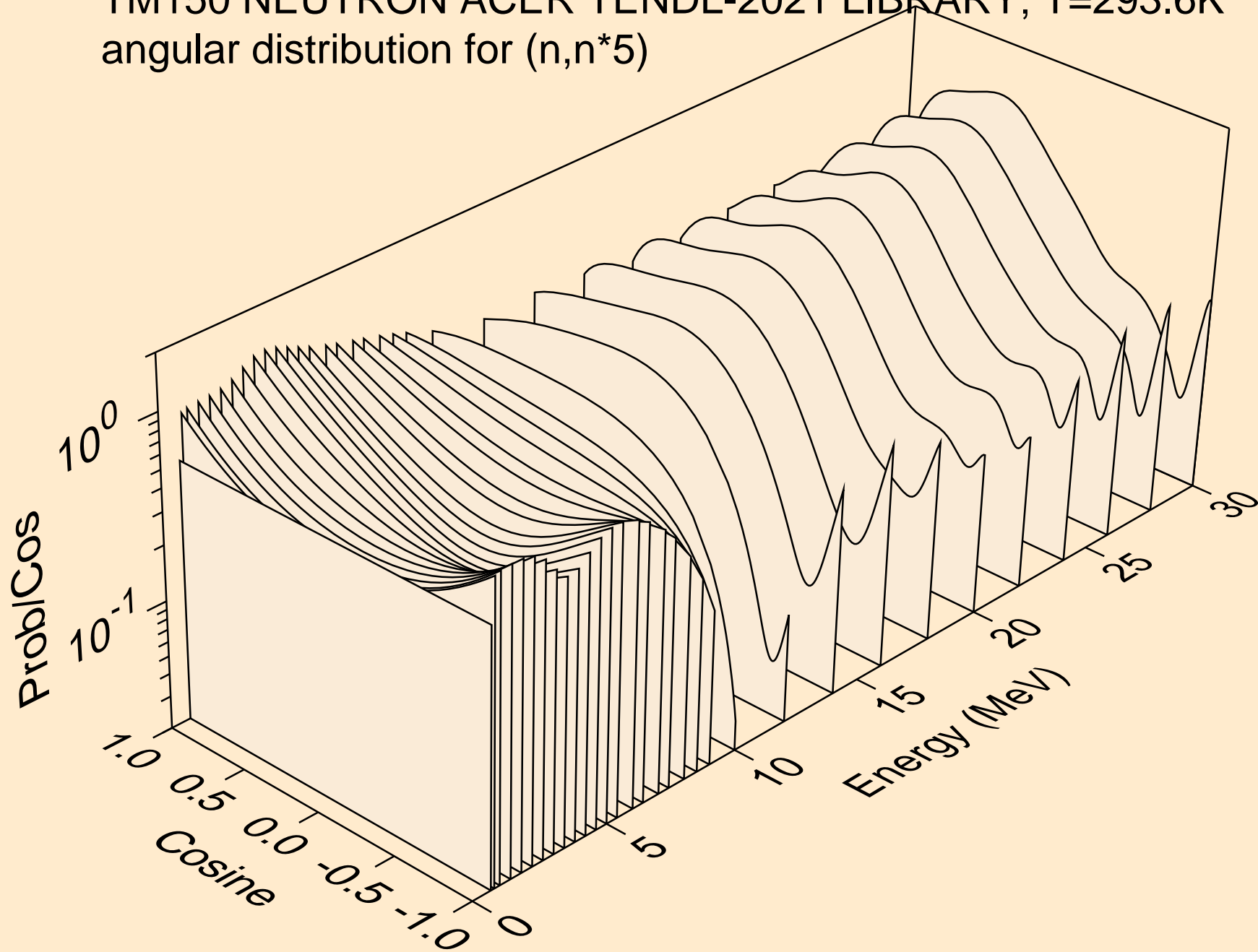
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



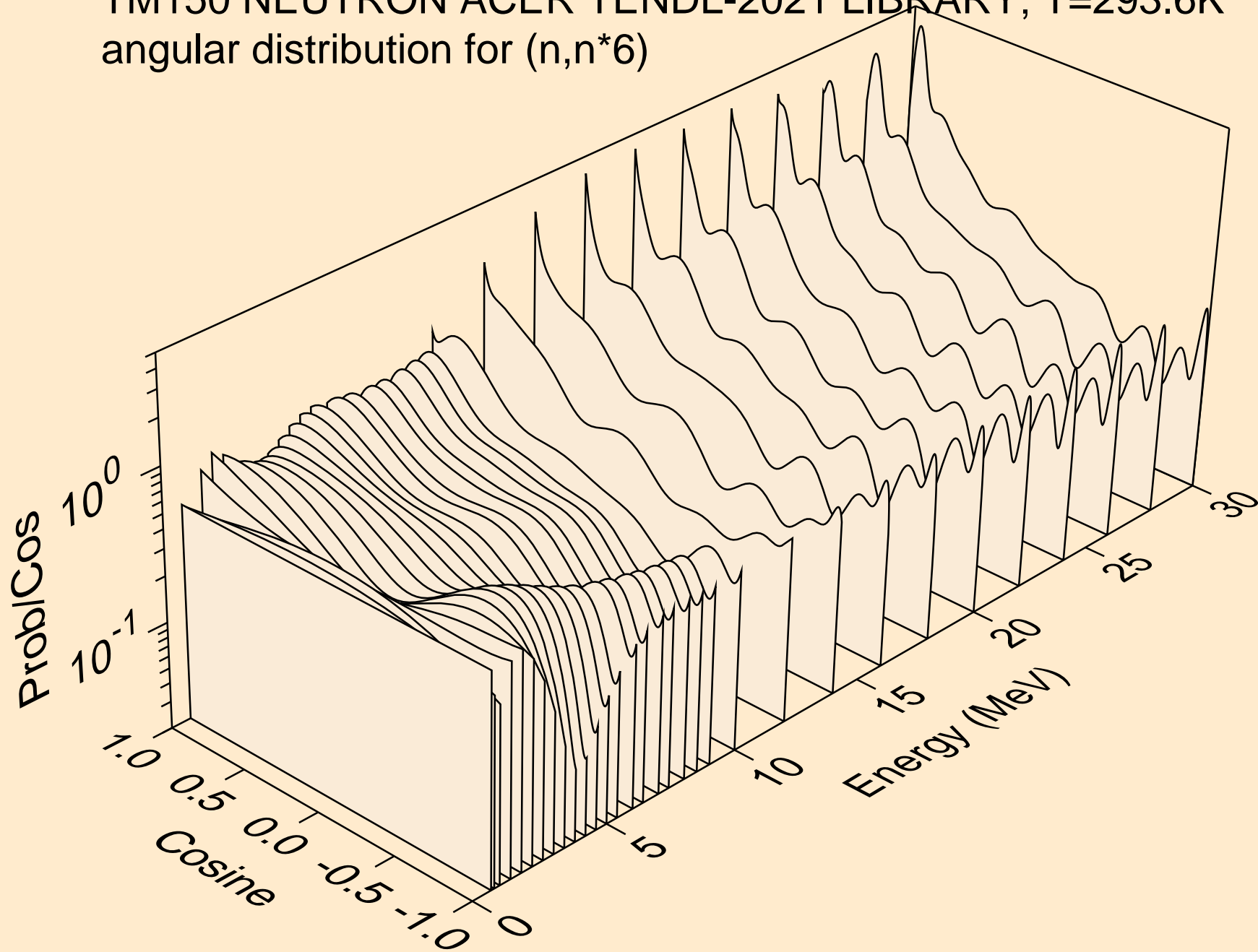
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



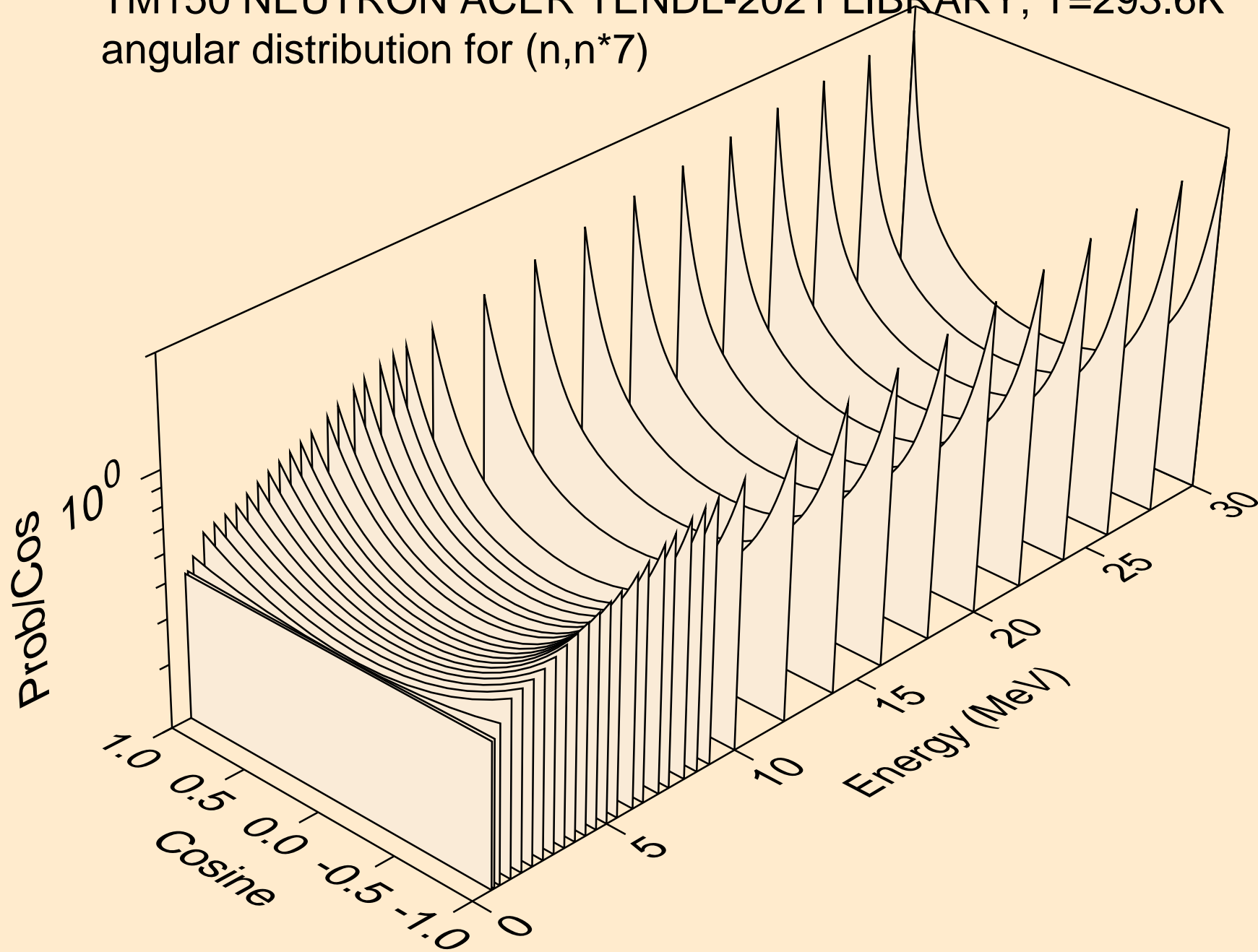
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



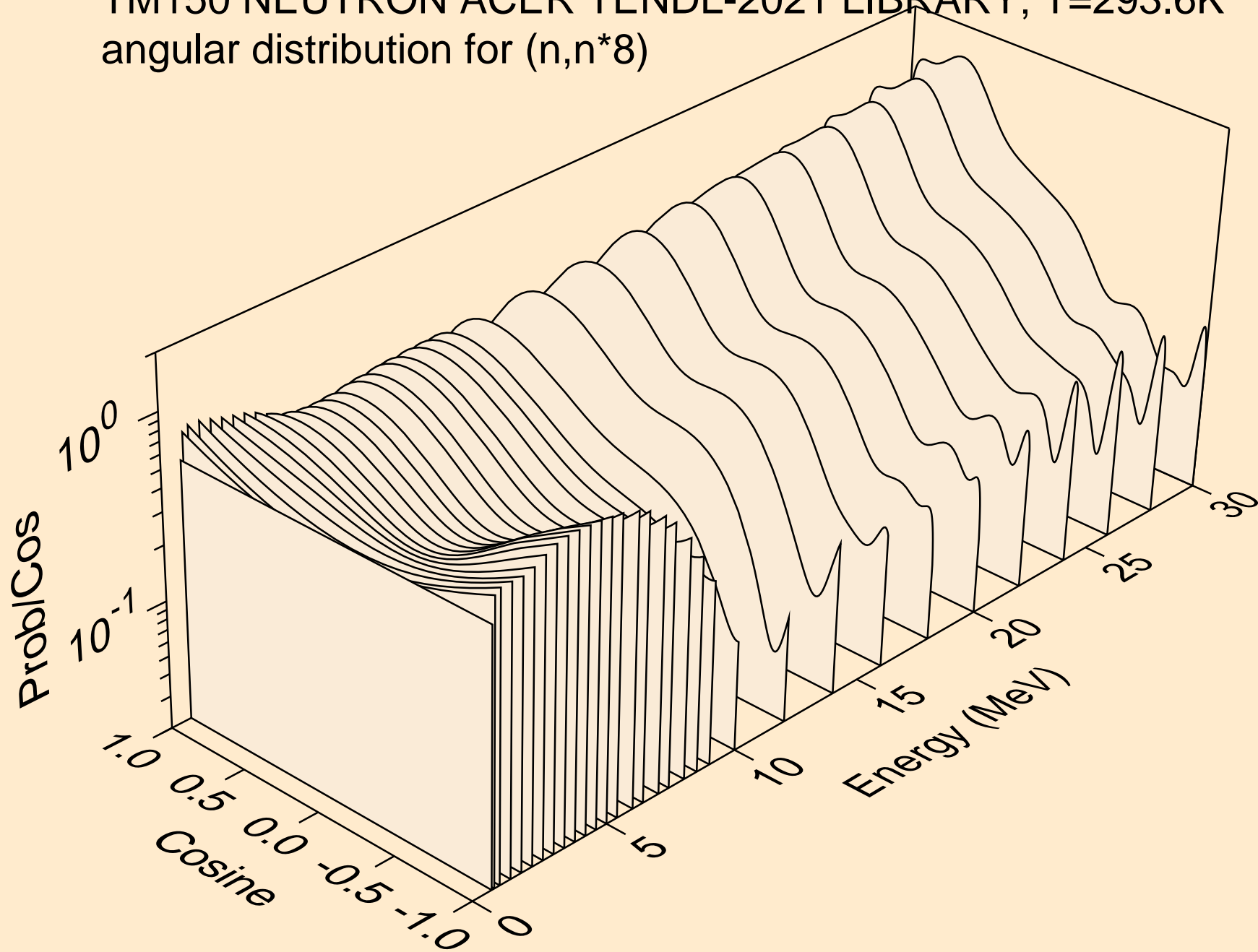
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

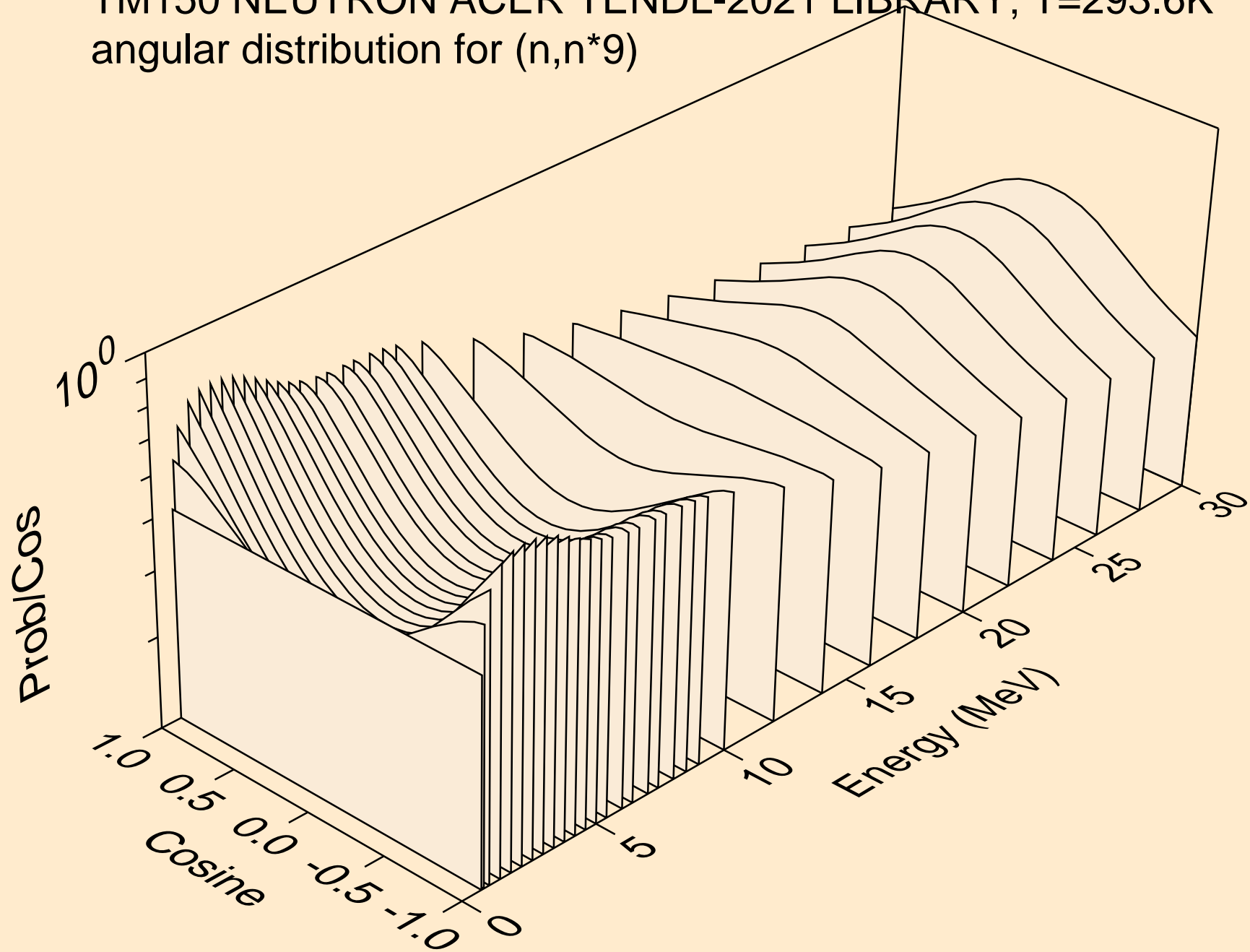


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

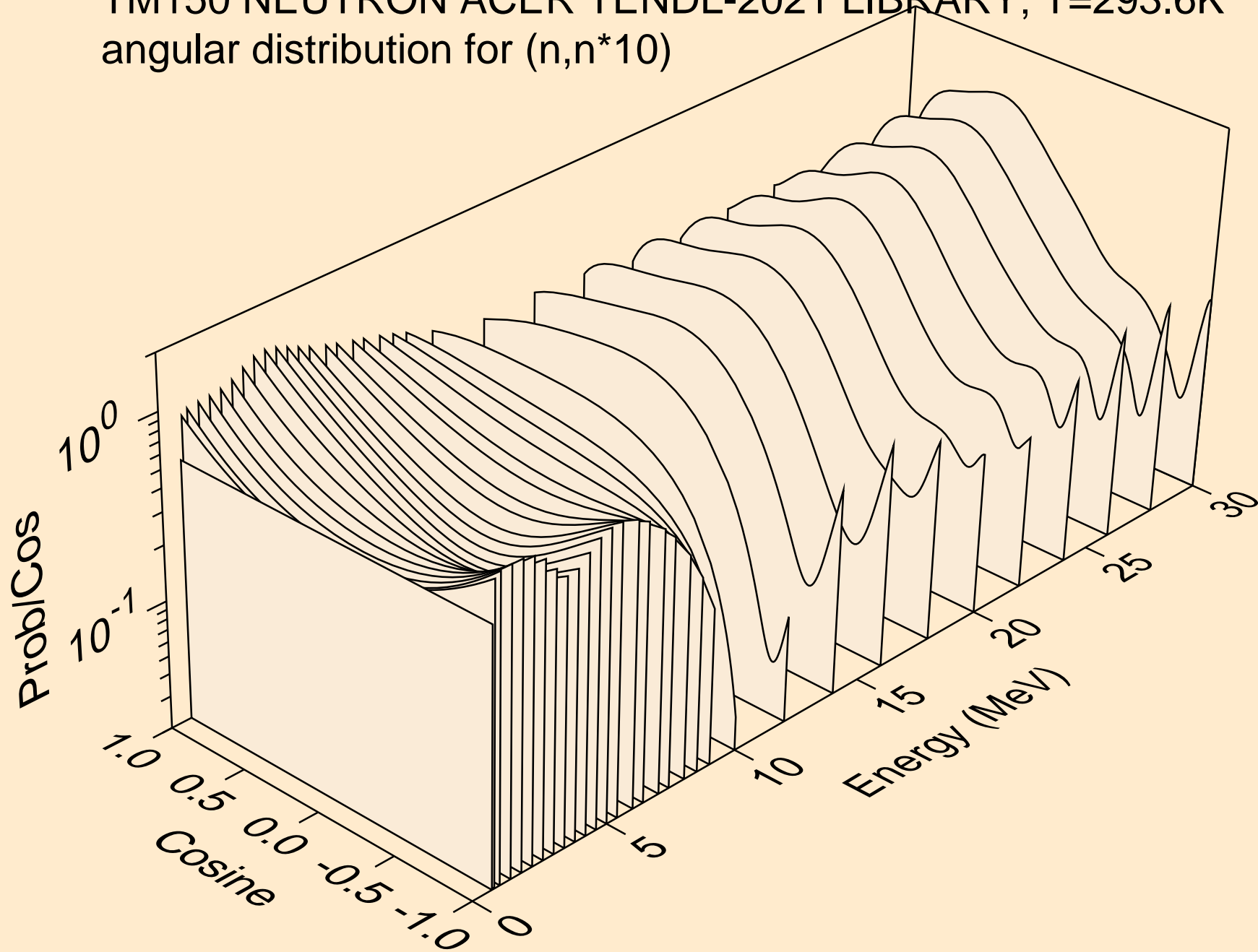




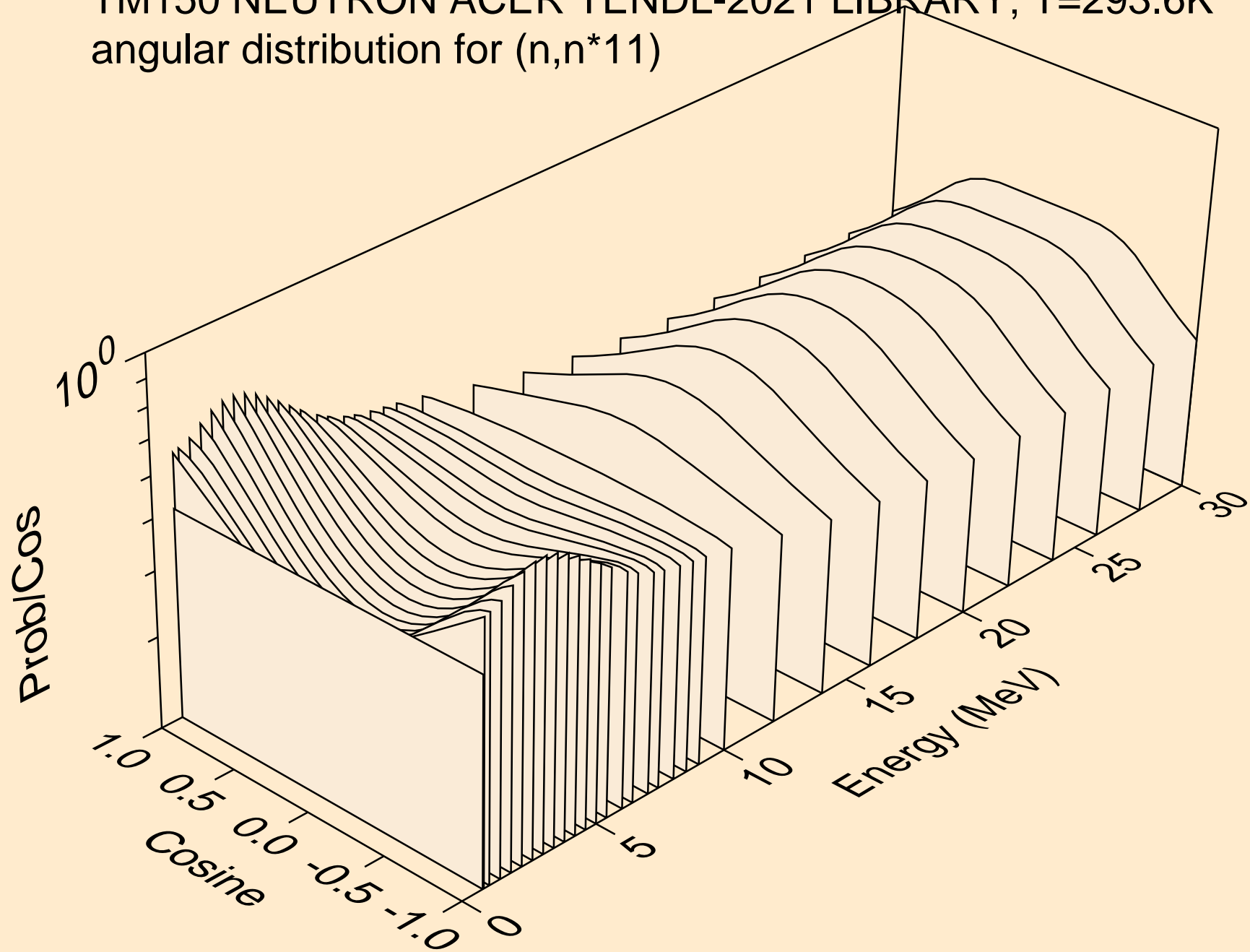
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angular distribution for (n,n\*9)



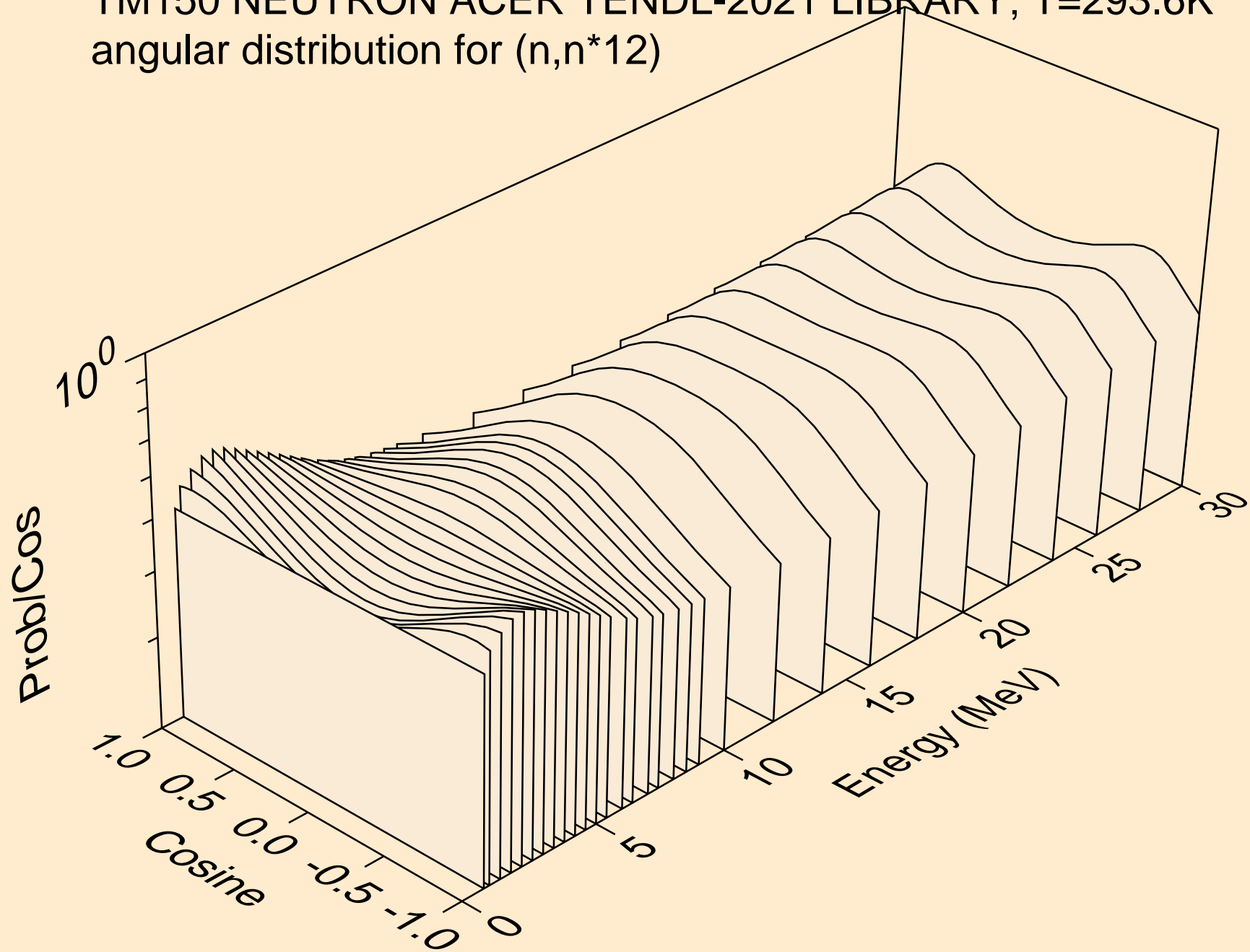
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



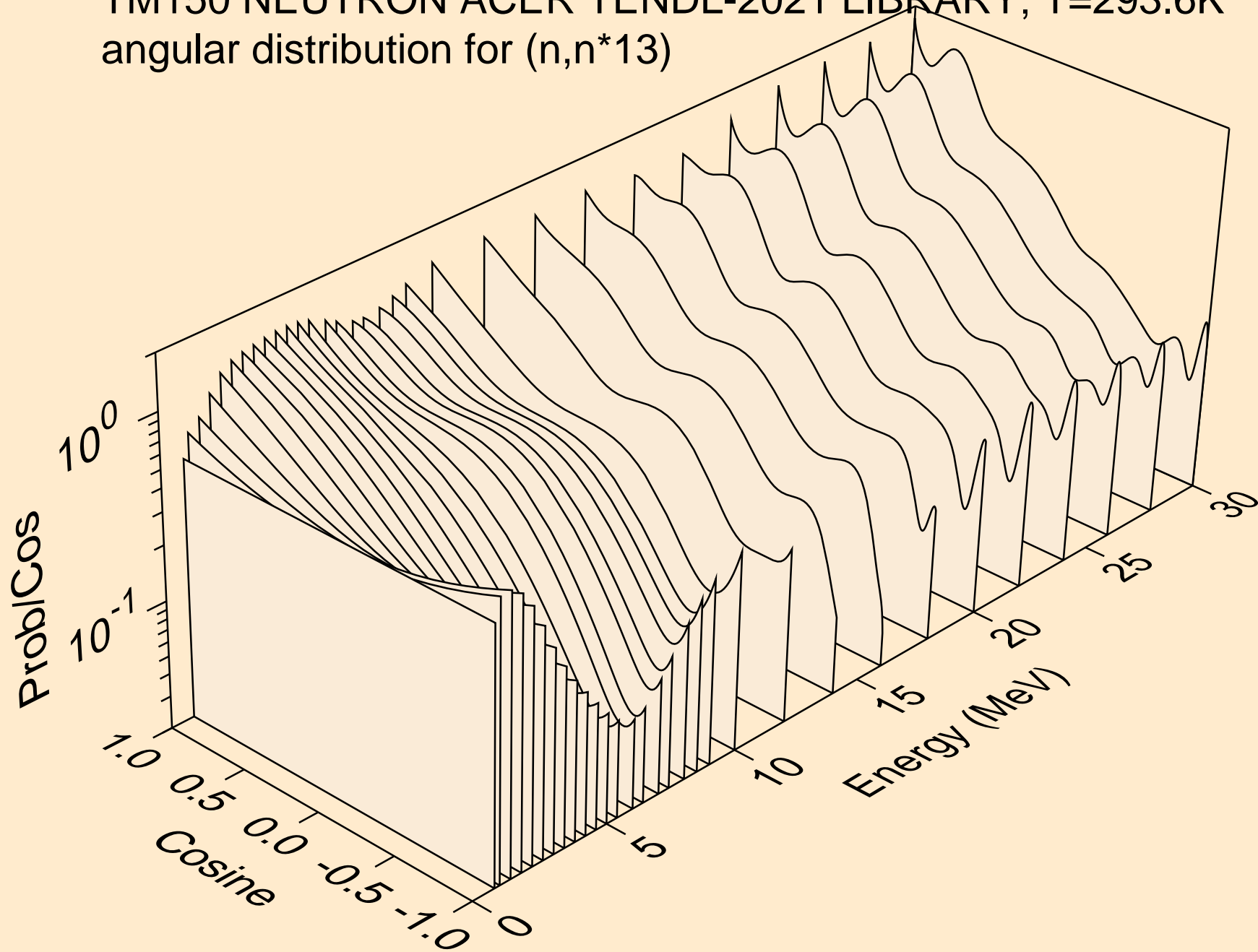
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angular distribution for (n,n\*11)



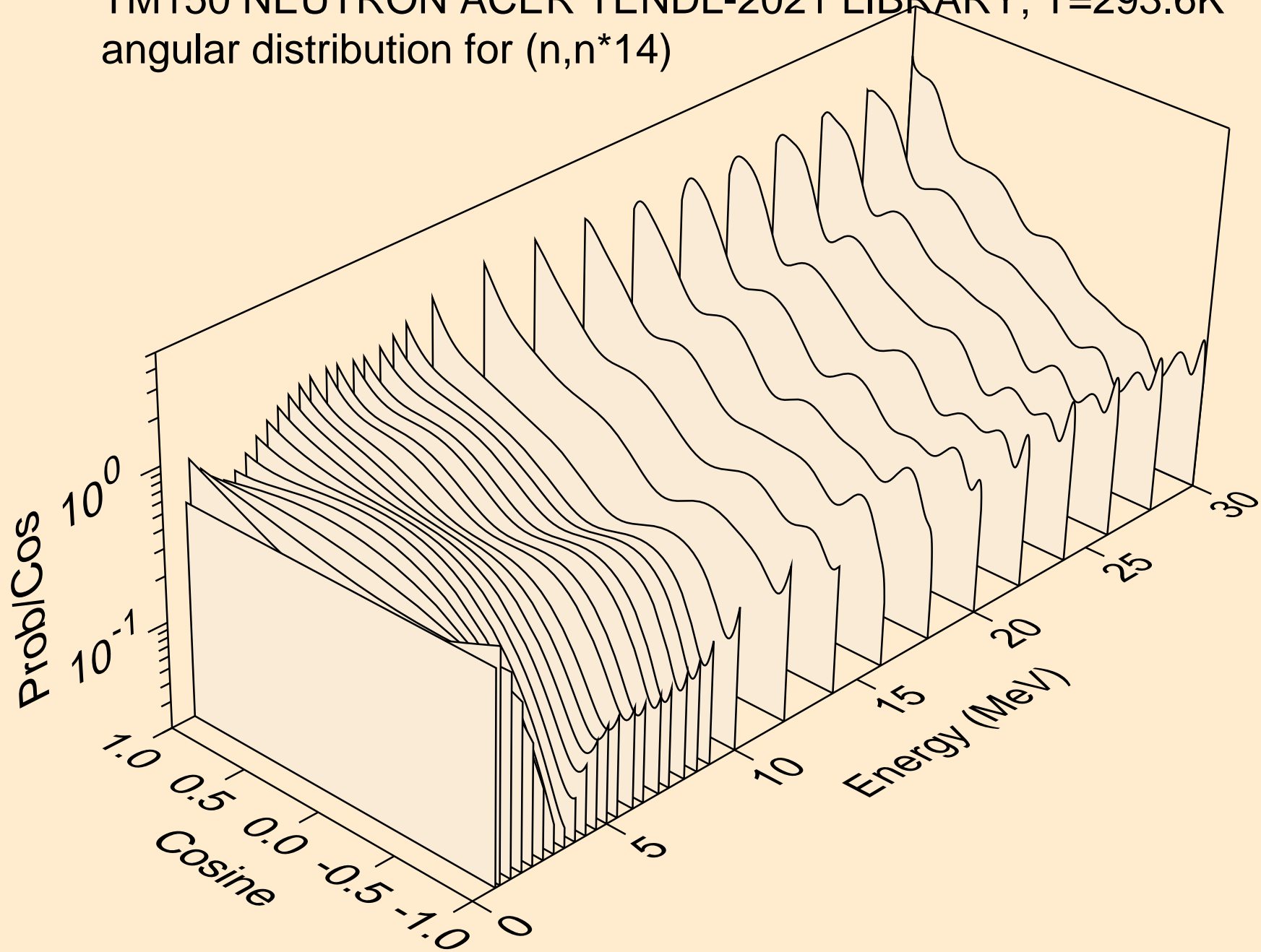
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angular distribution for (n,n\*12)



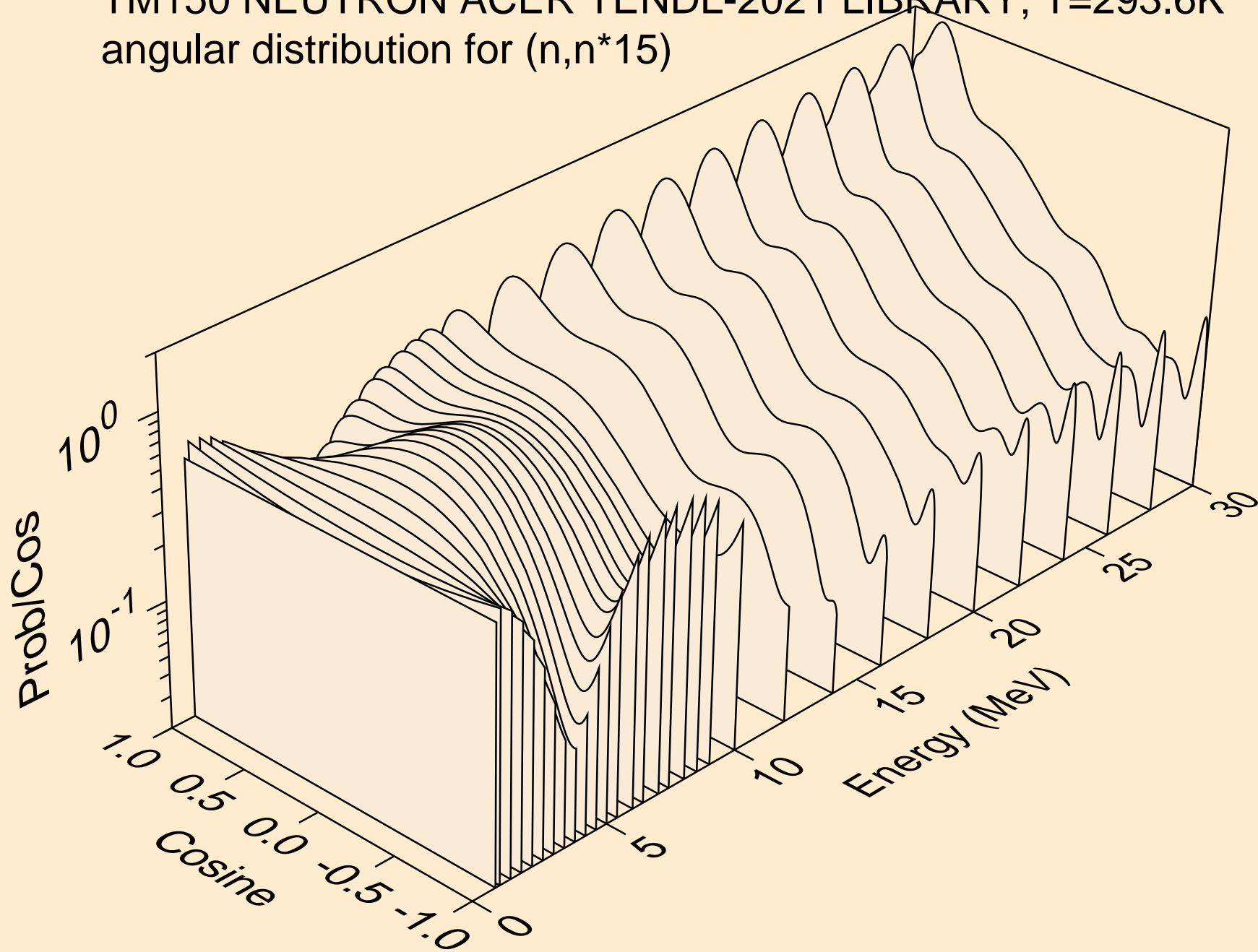
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angular distribution for (n,n\*13)



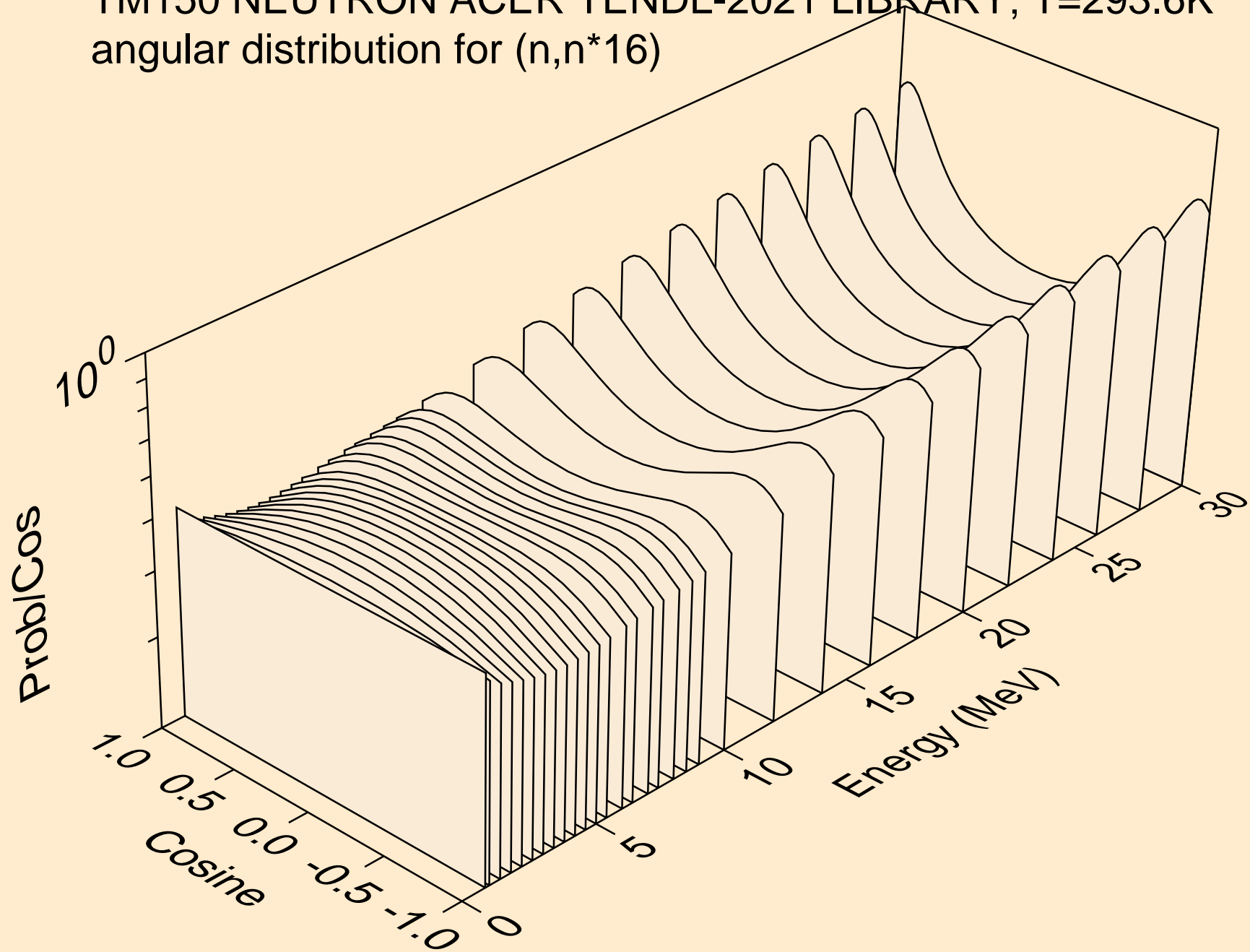
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

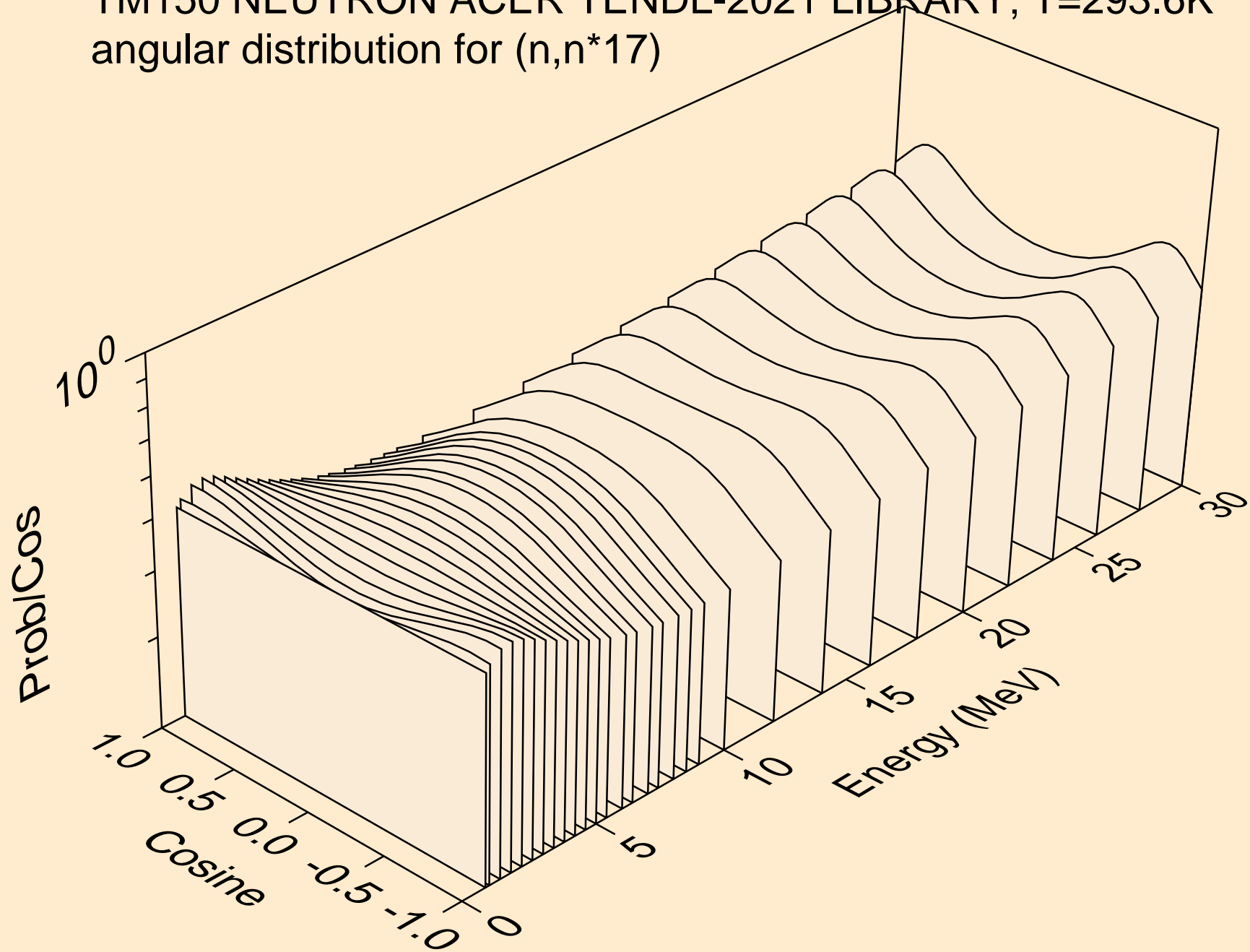


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

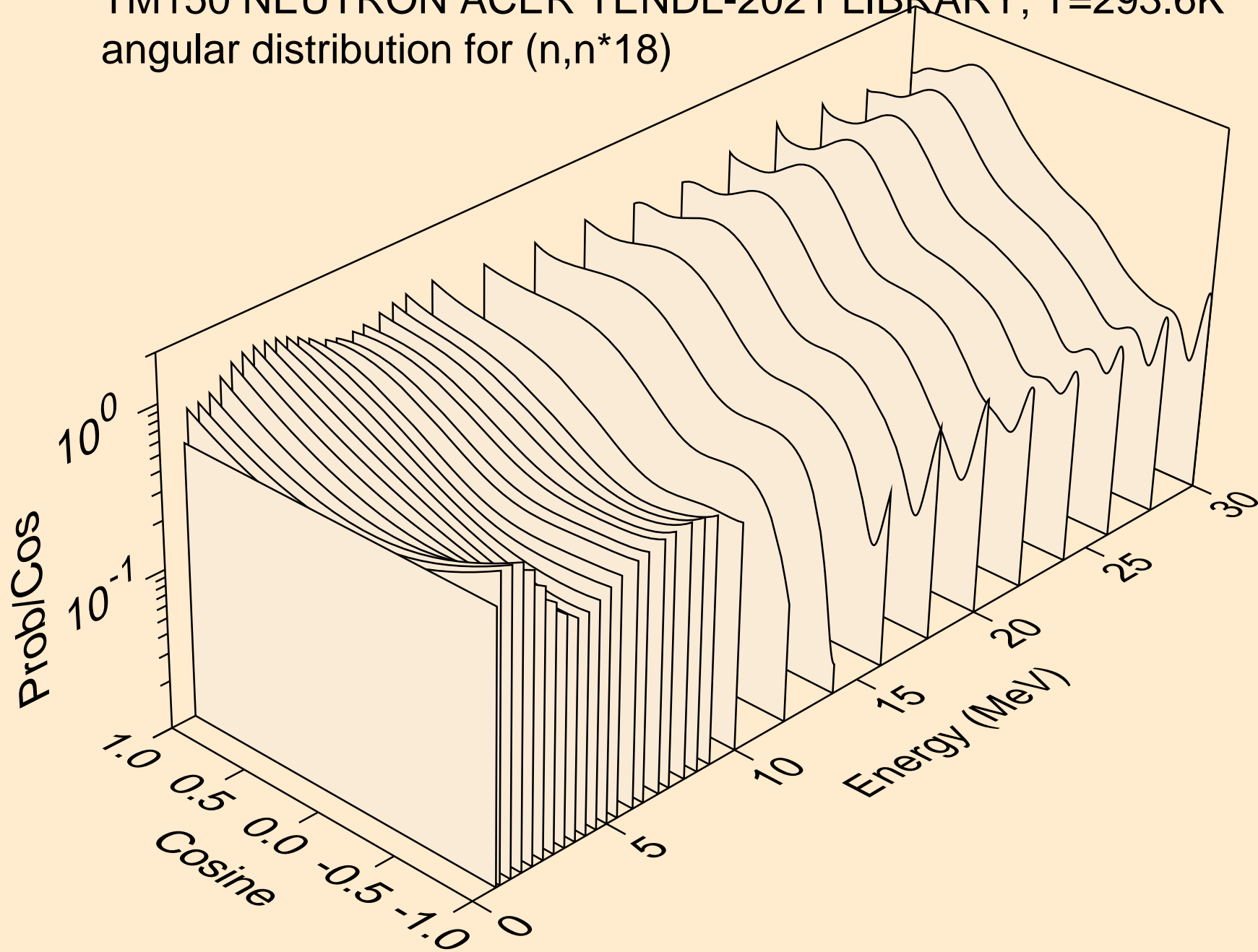




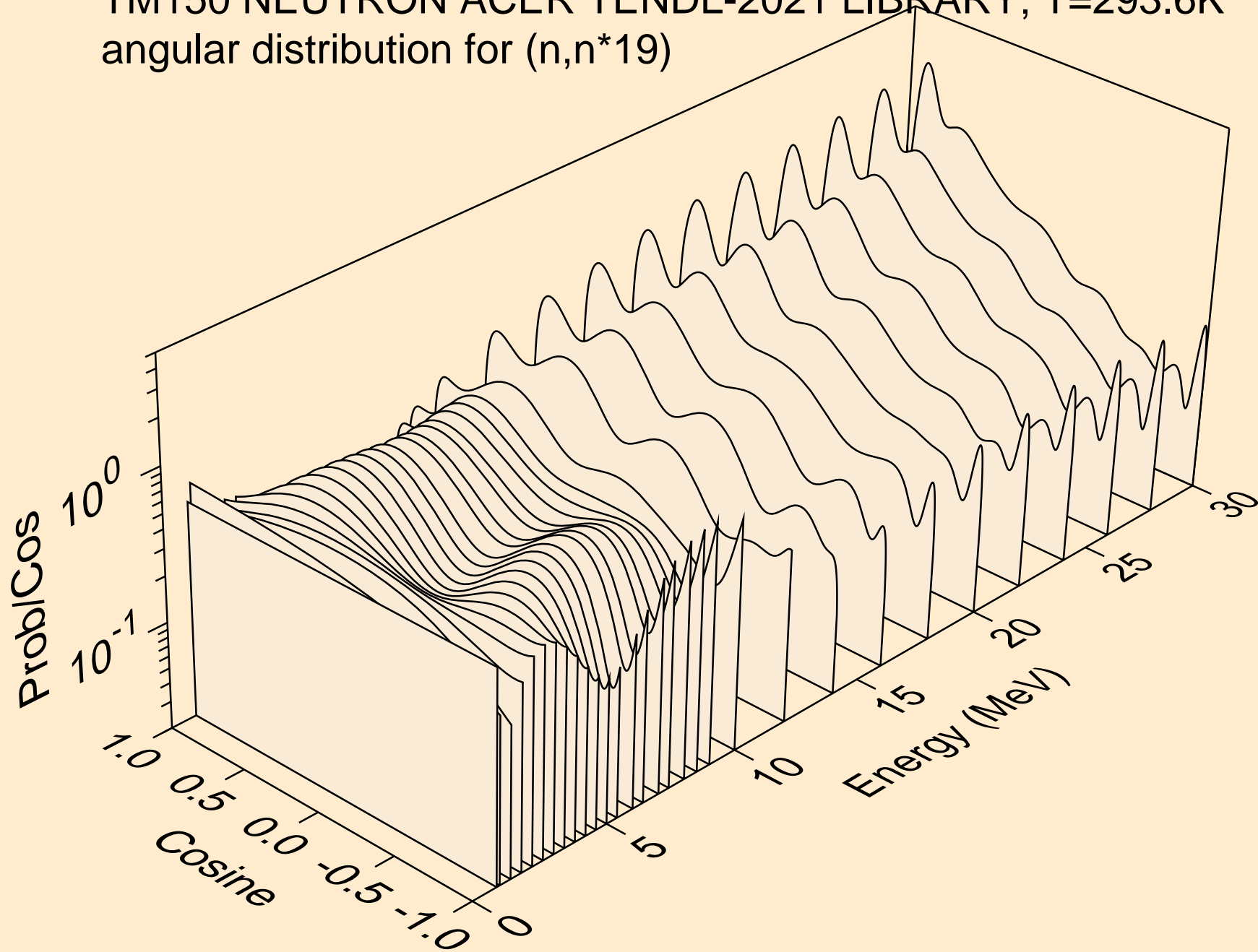
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angular distribution for (n,n\*17)



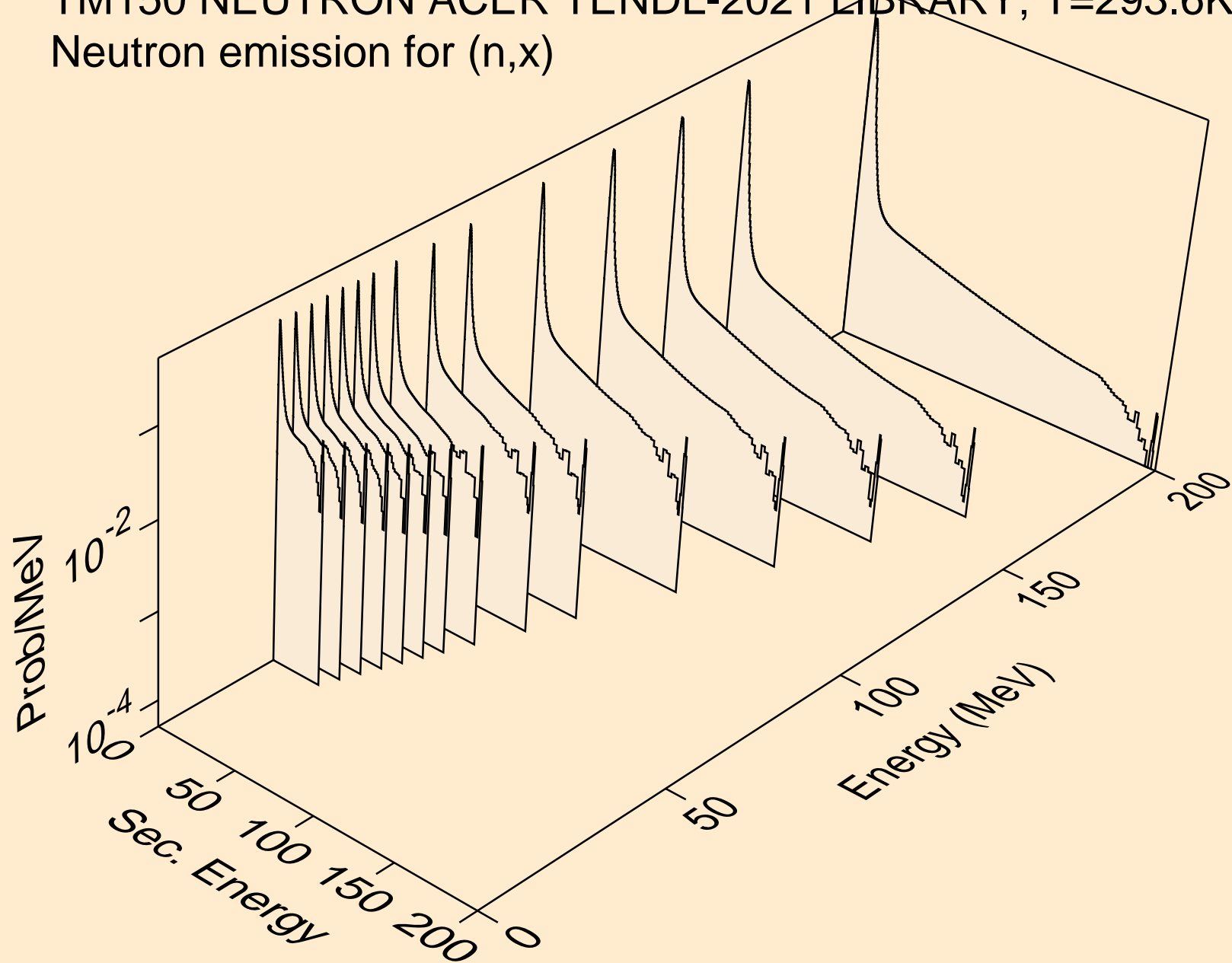
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angular distribution for (n,n\*18)



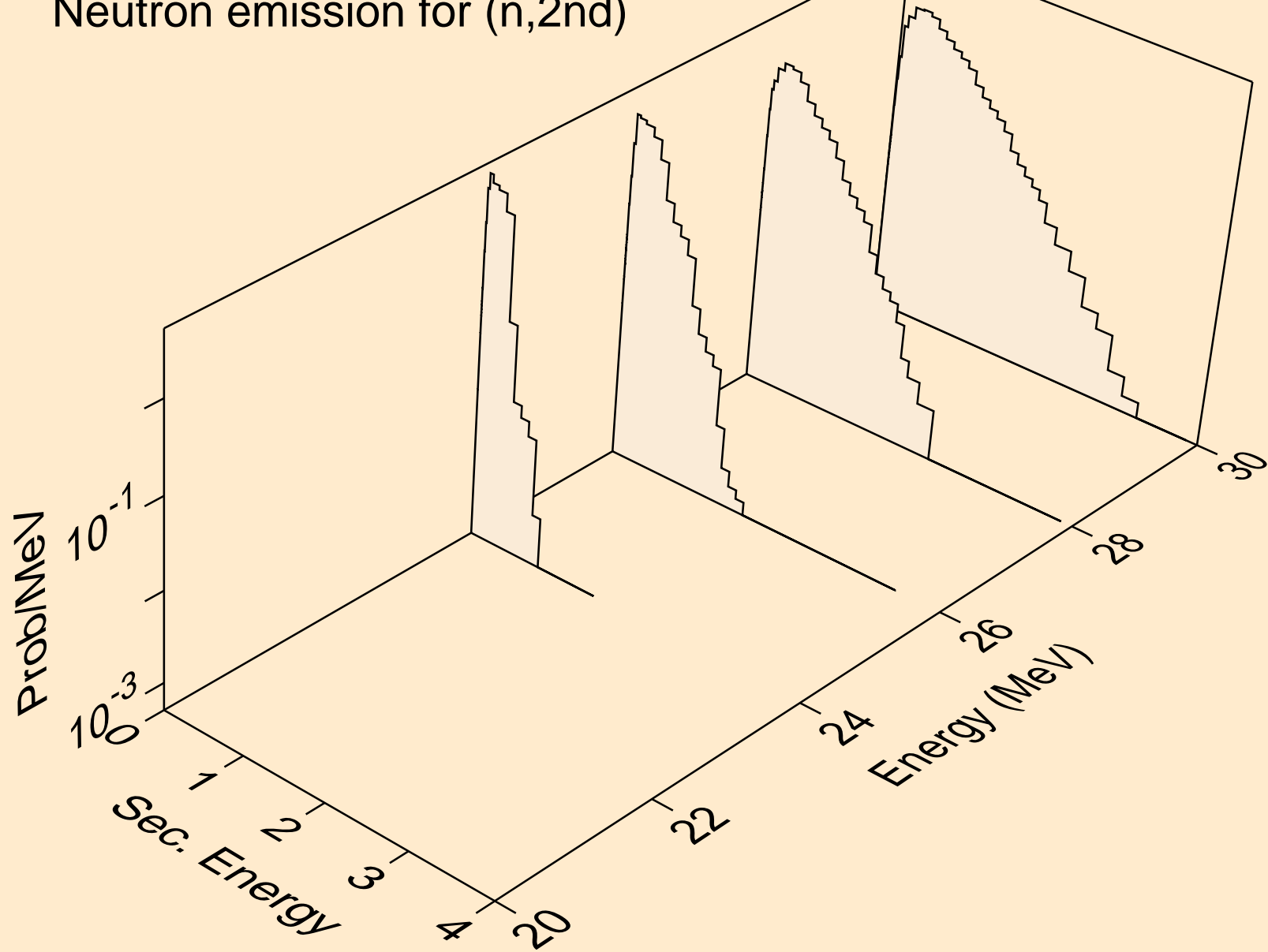
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angular distribution for (n,n\*19)



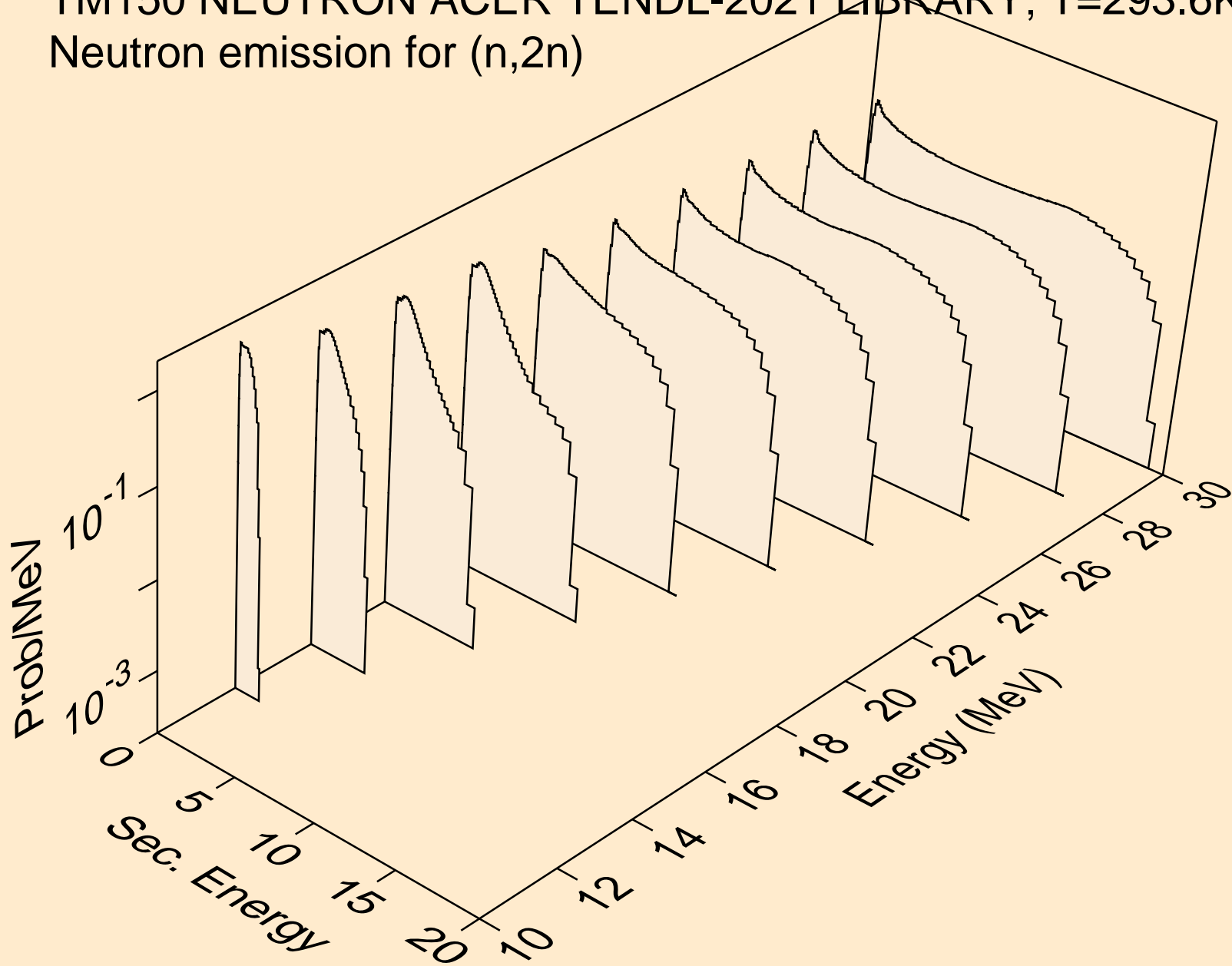
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



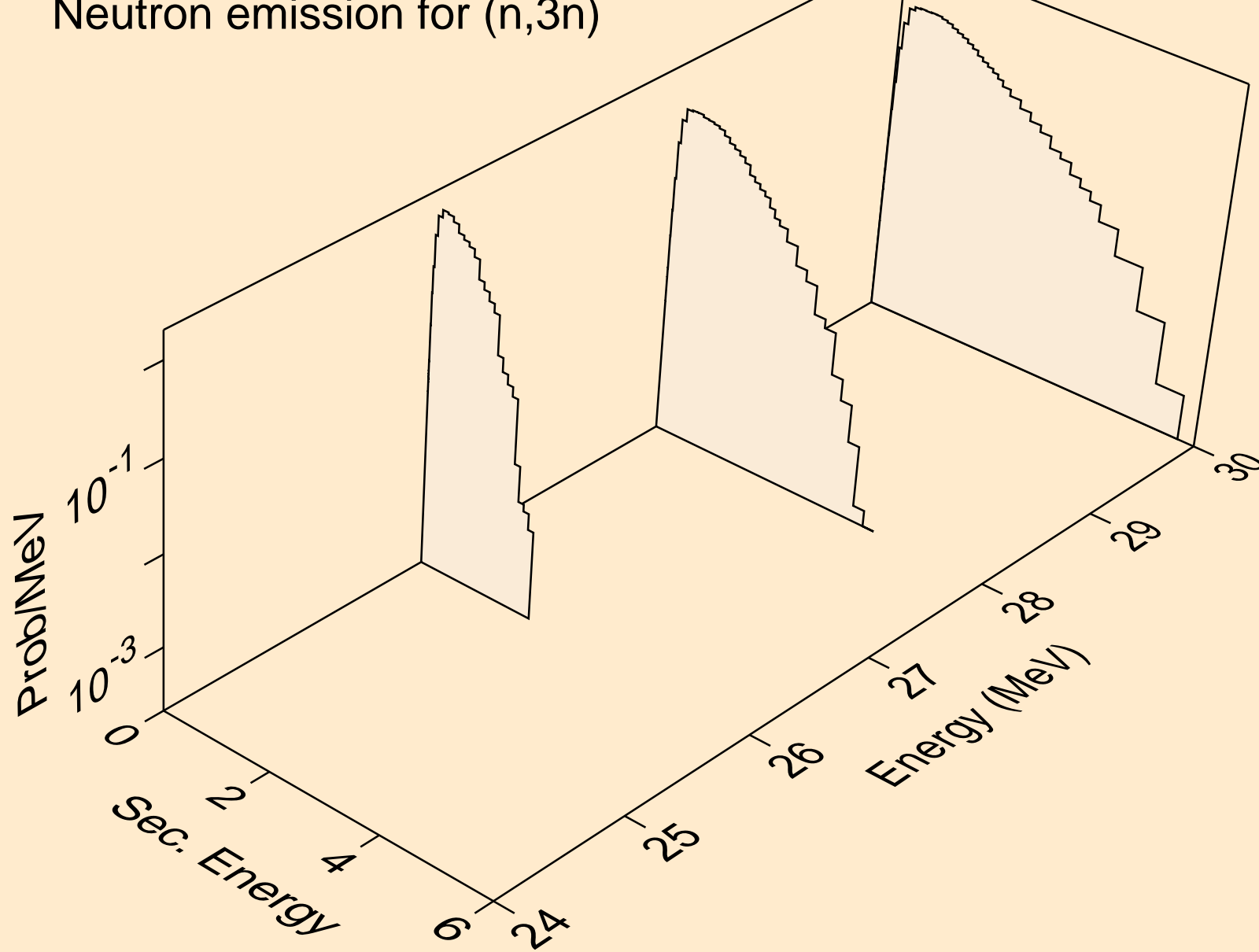
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



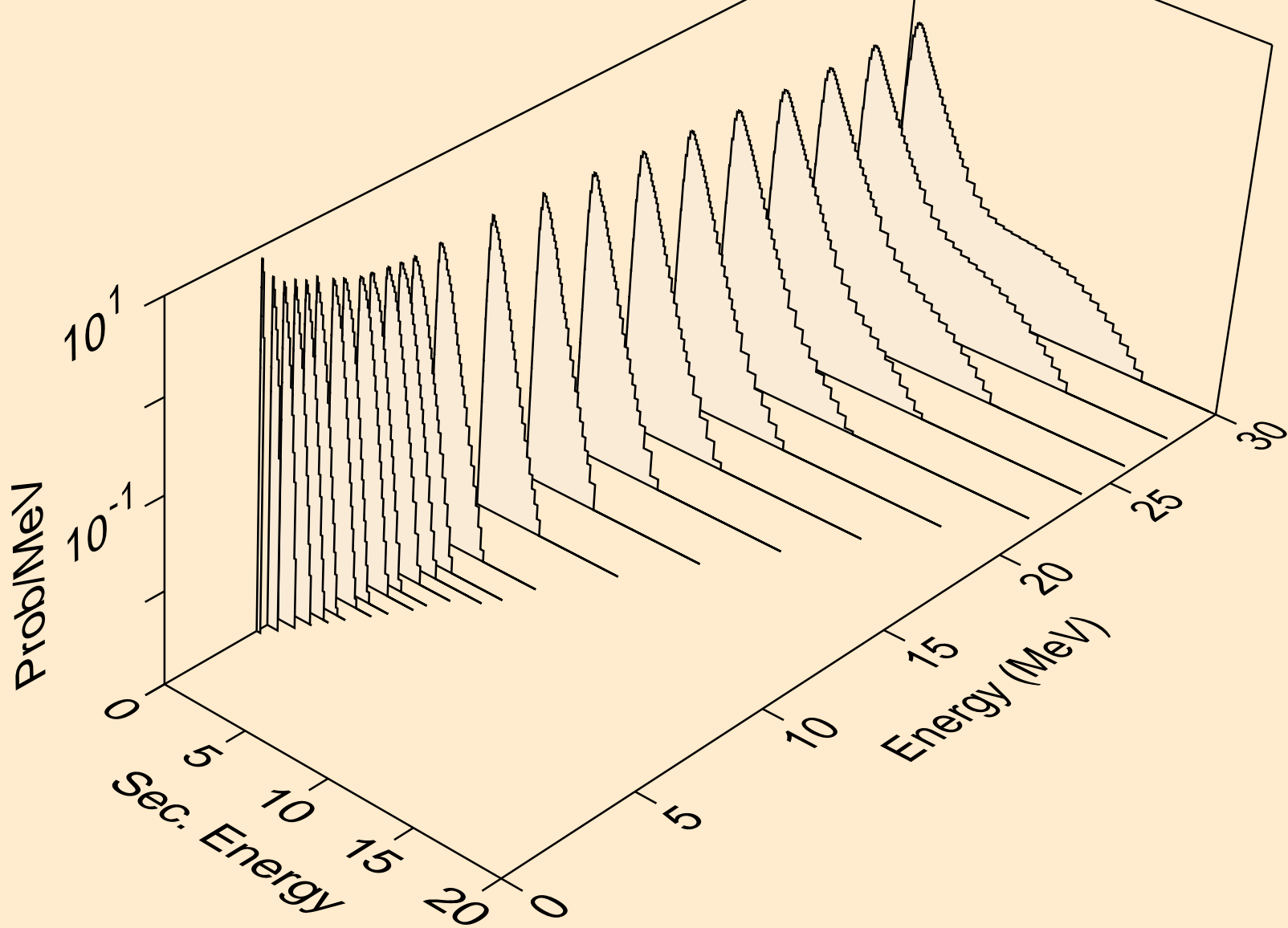
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

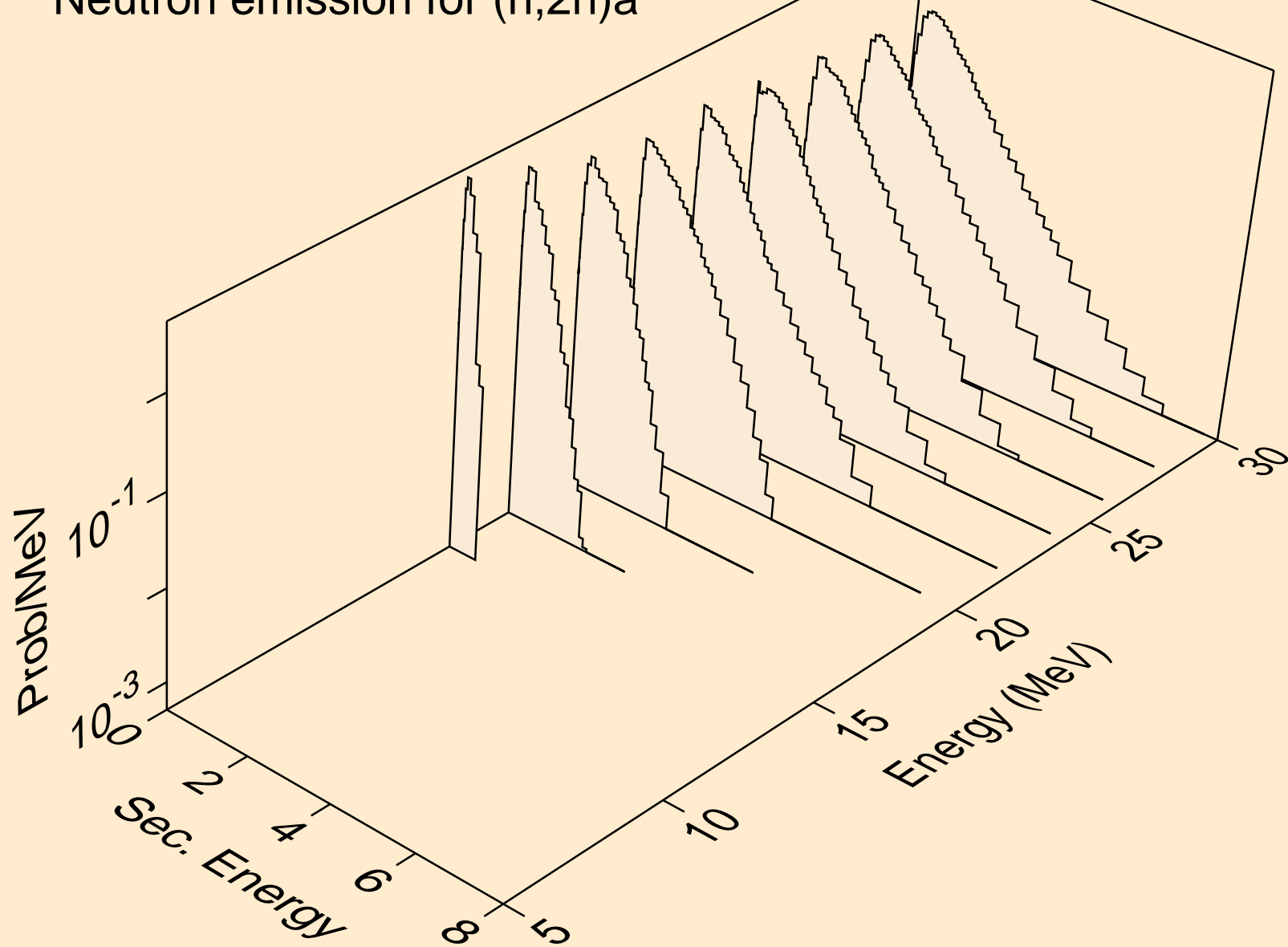


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

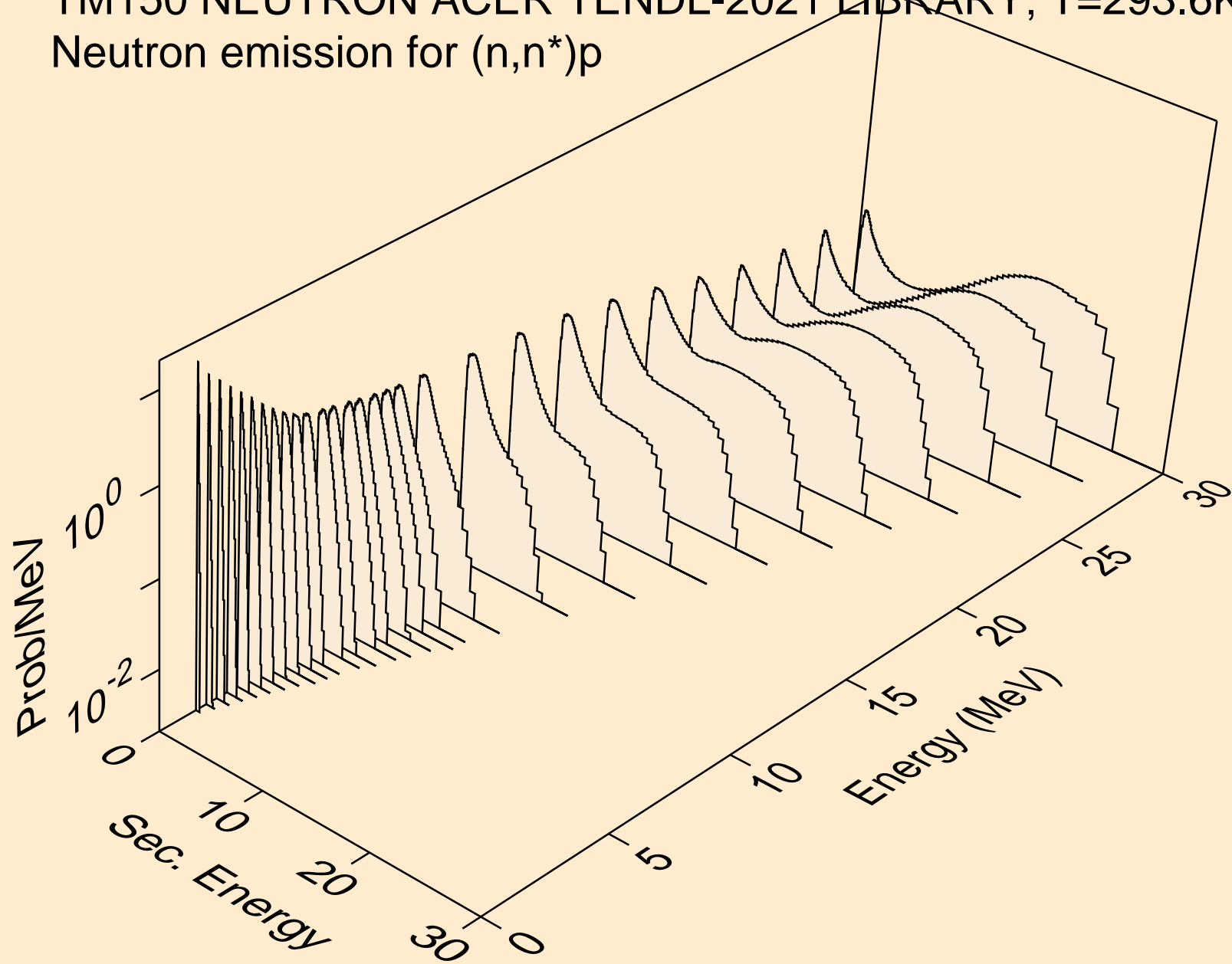




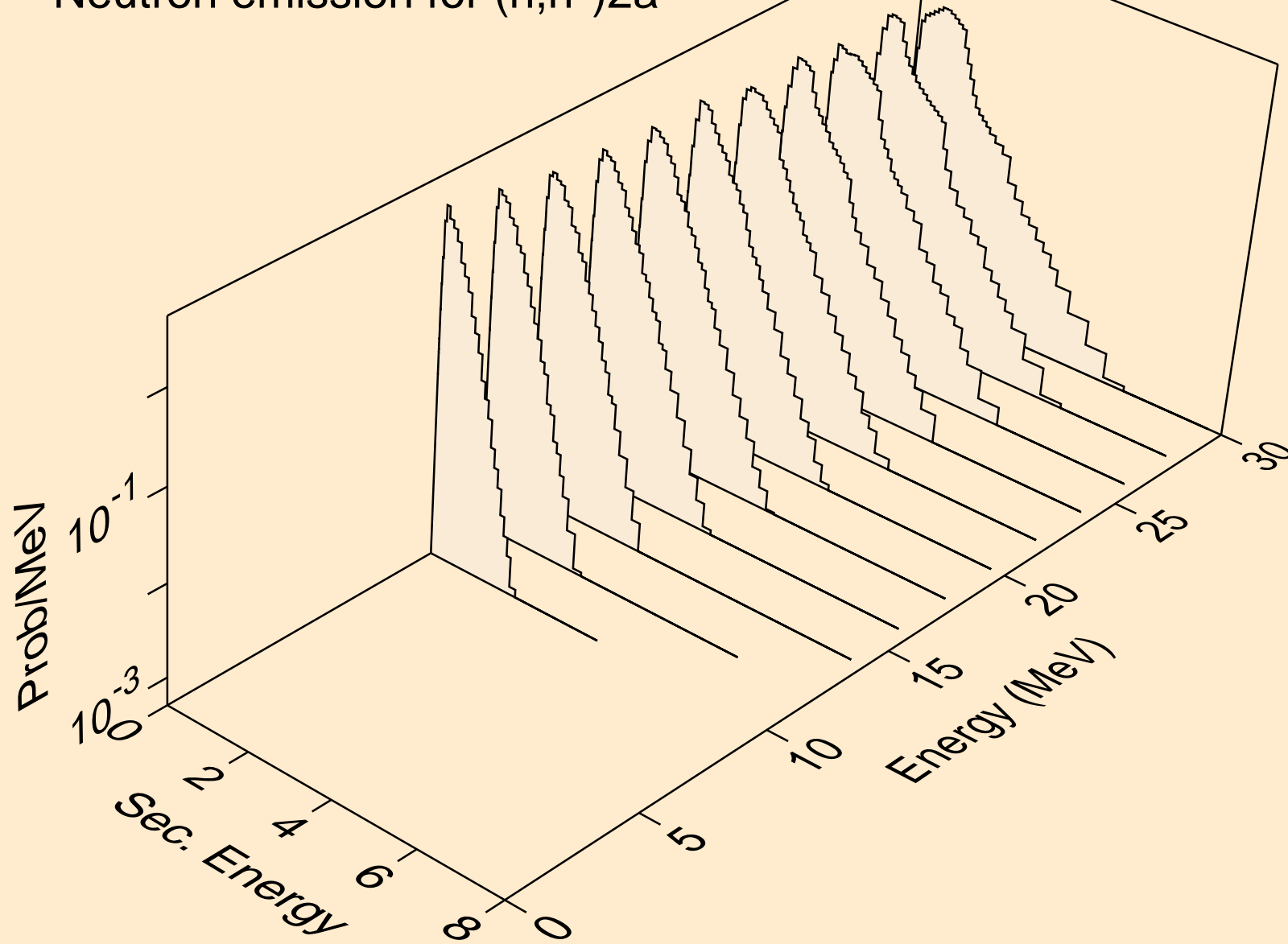
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



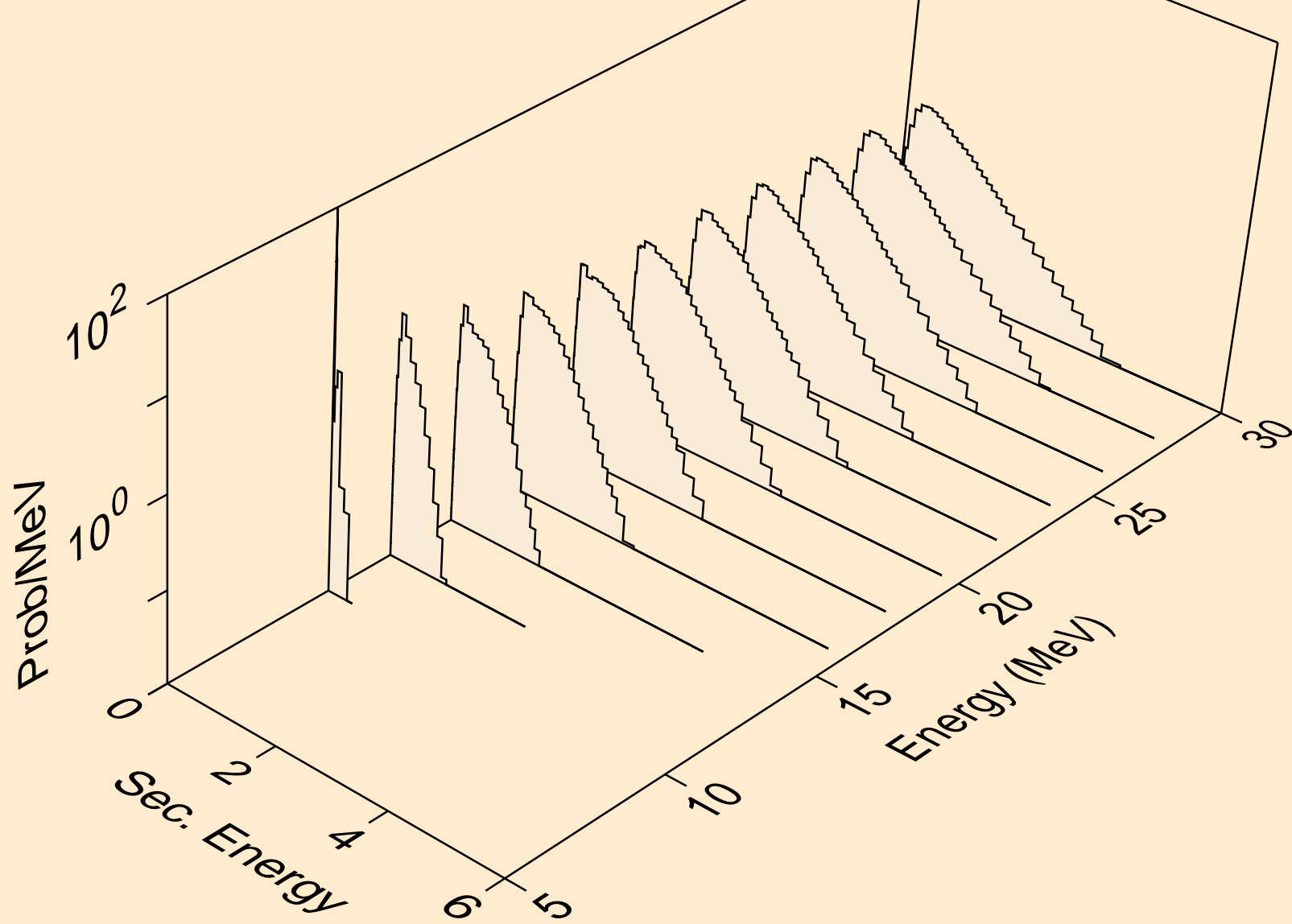
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



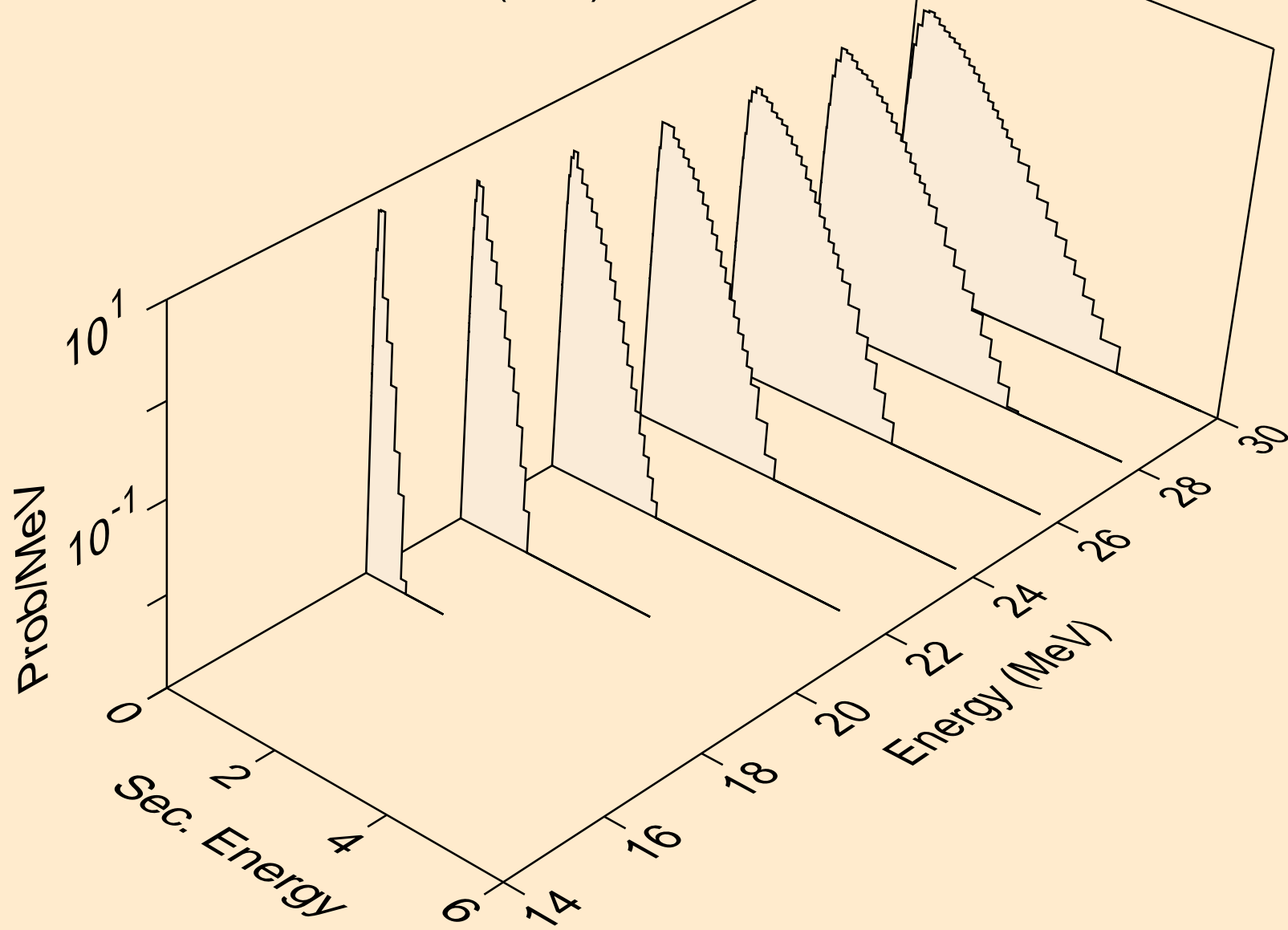
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



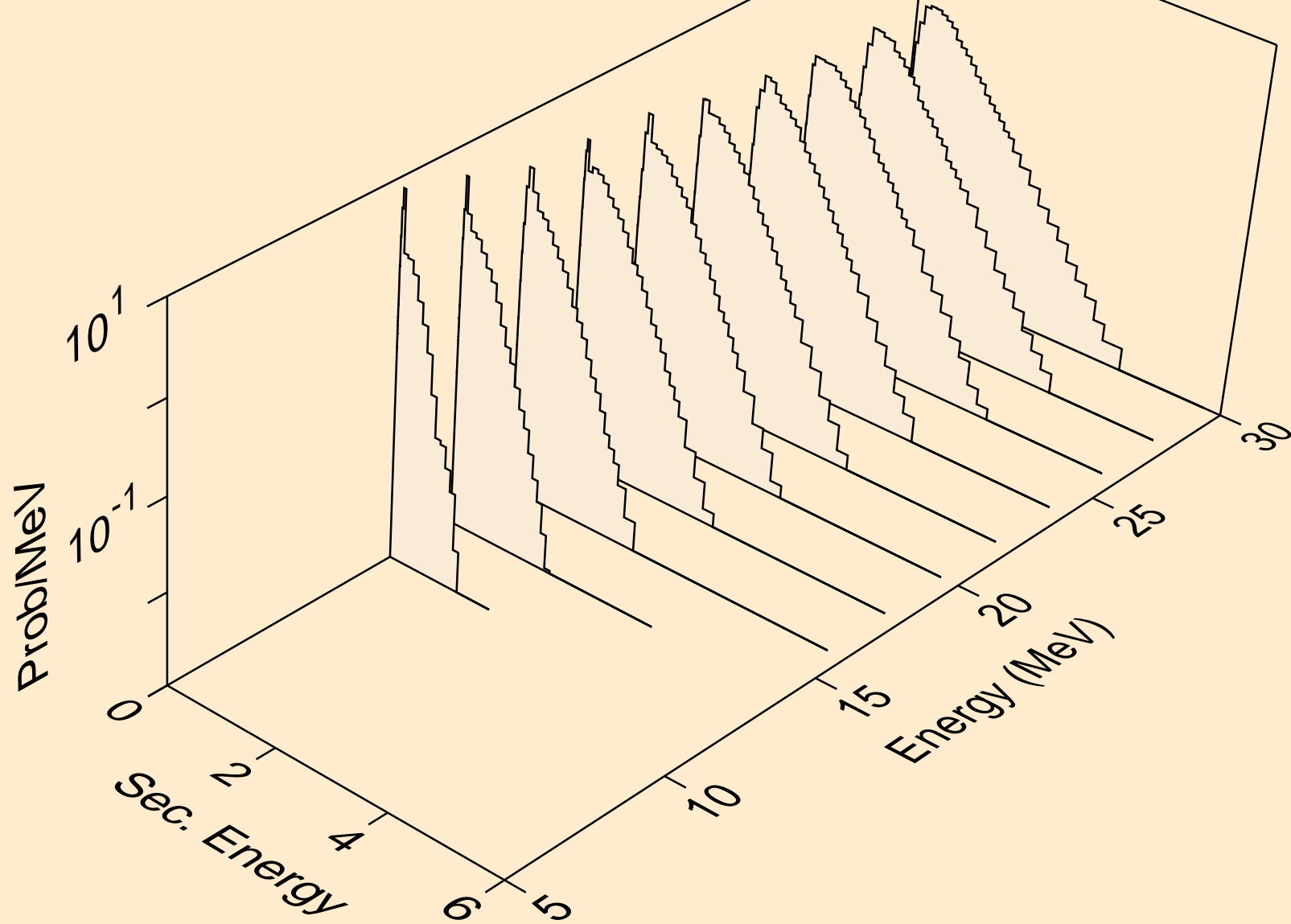
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



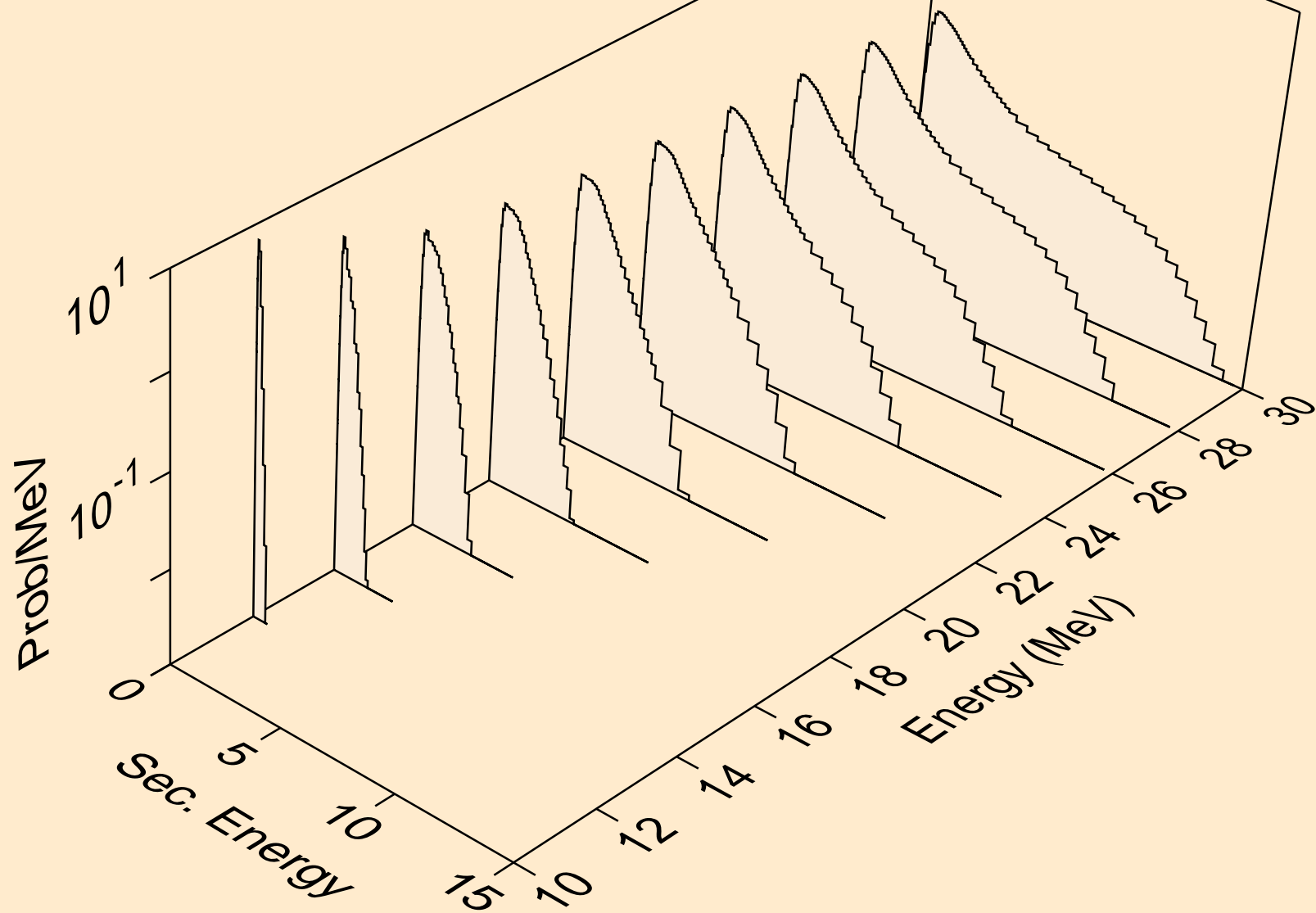
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



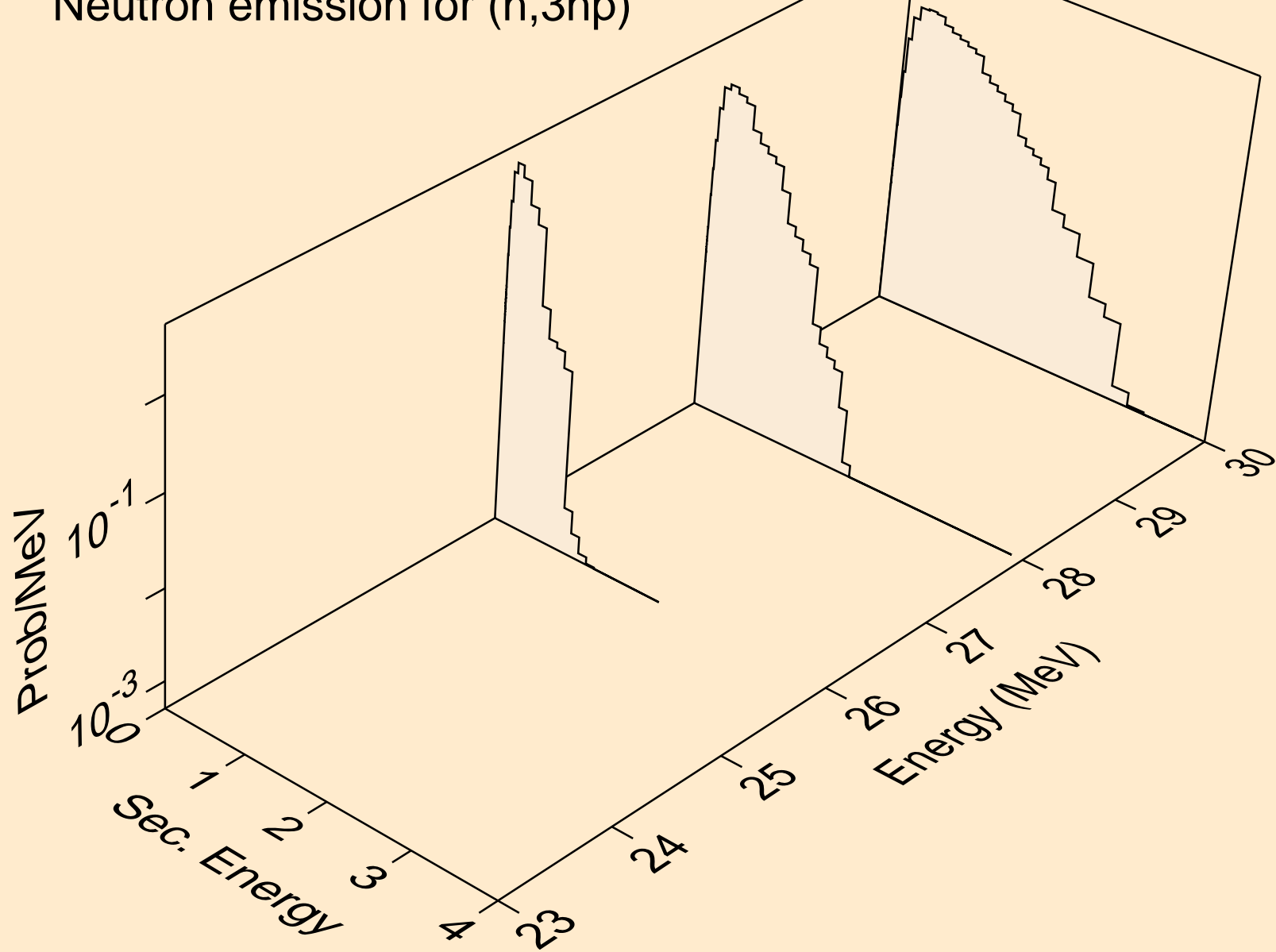
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

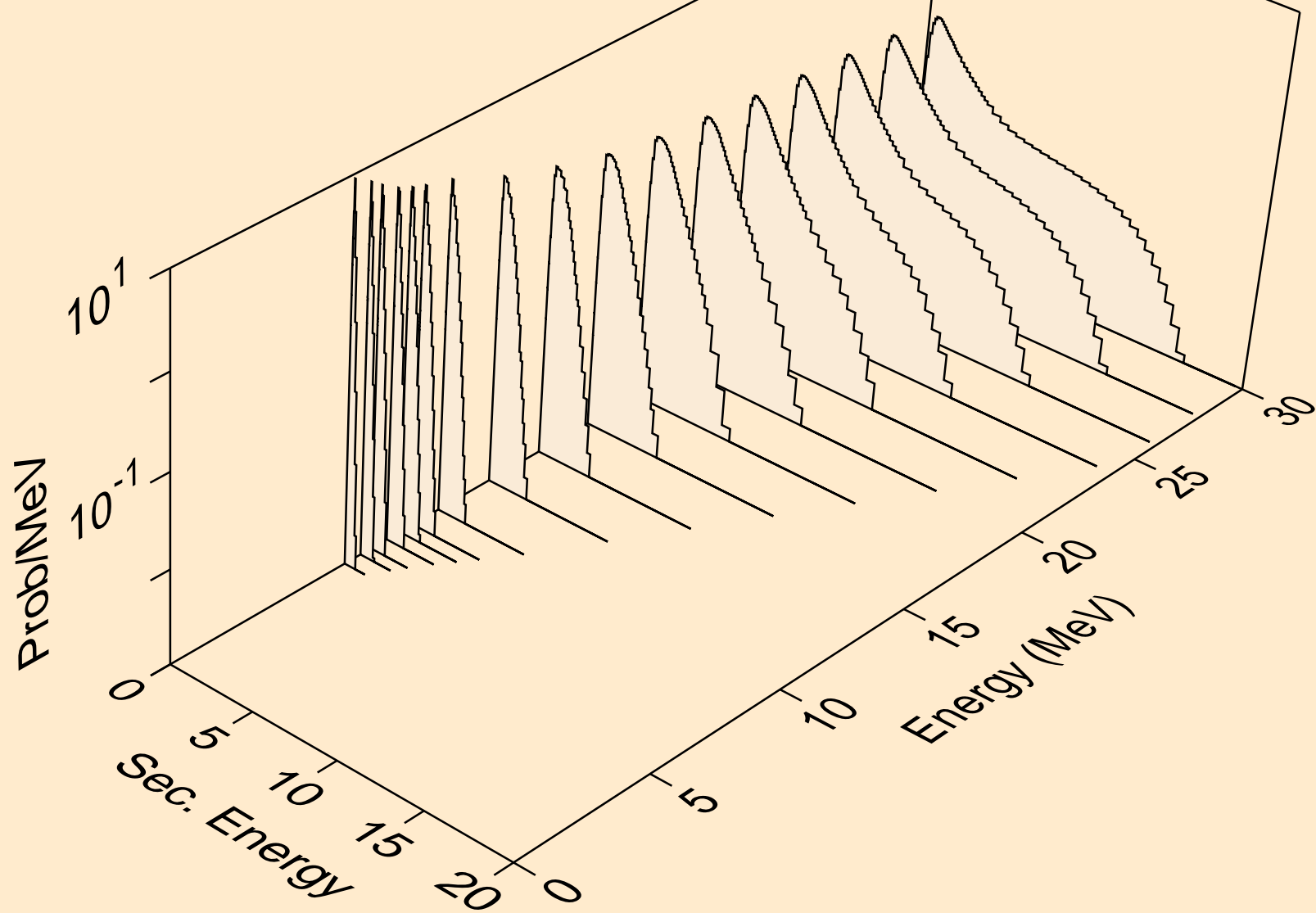


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

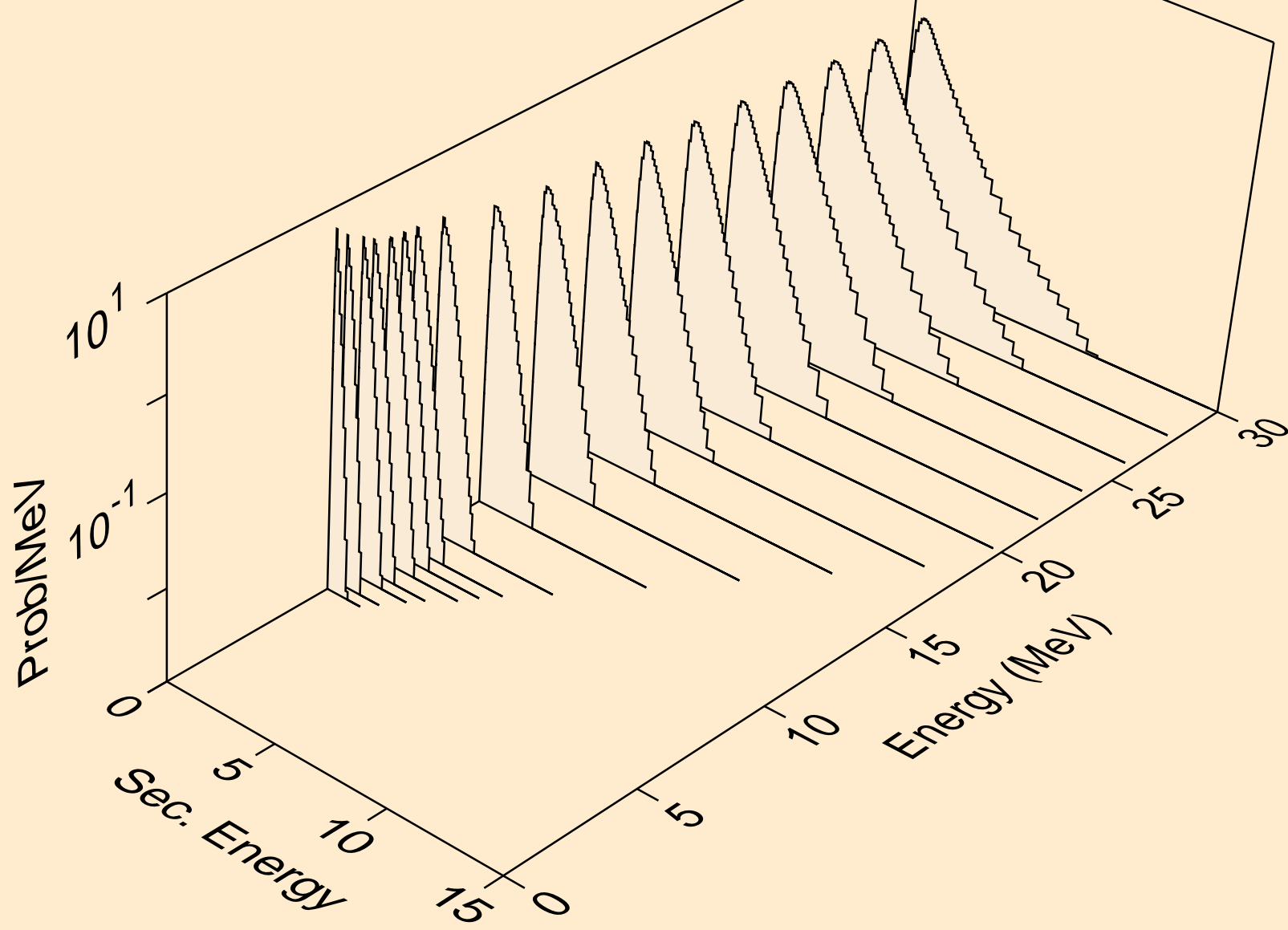




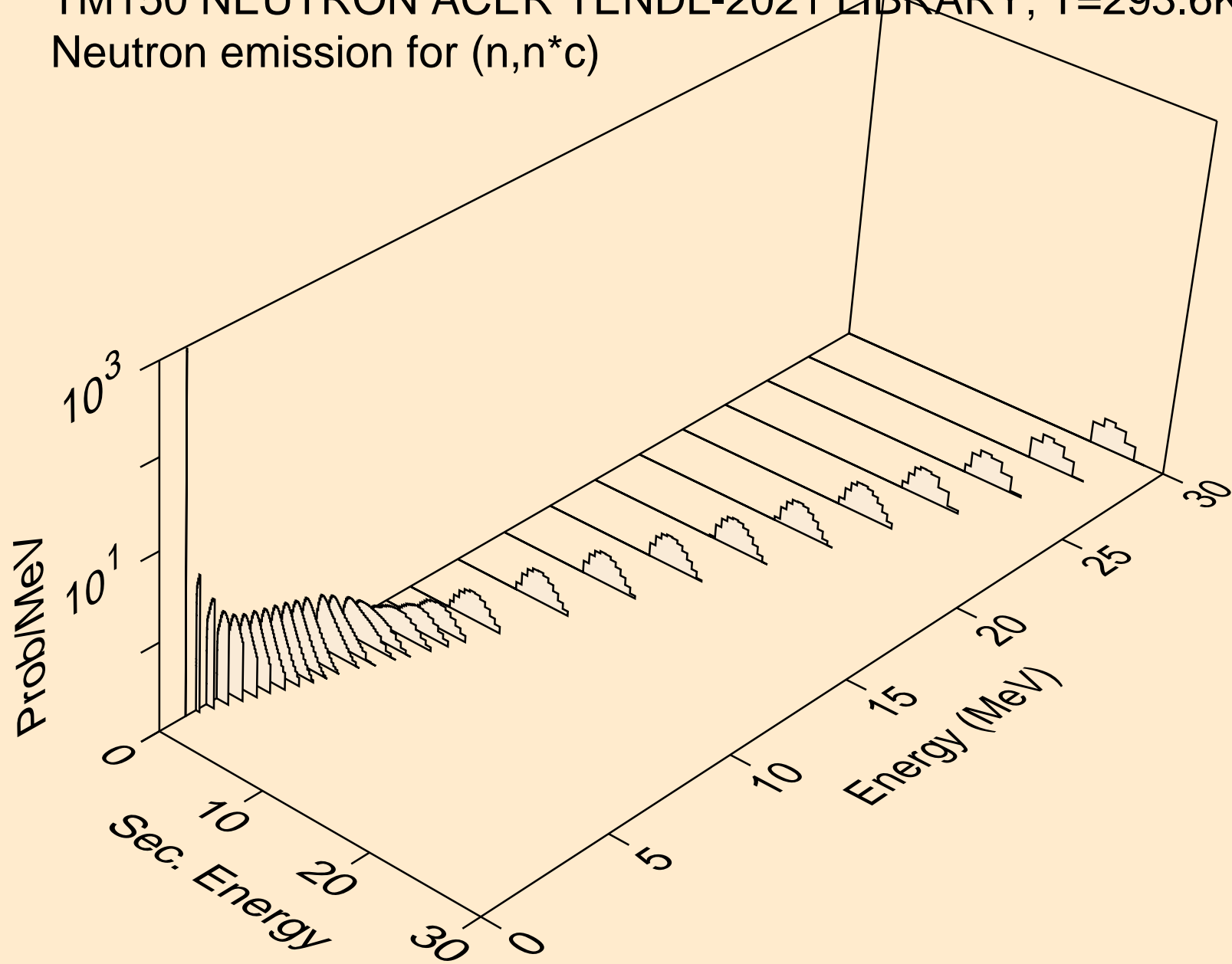
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Neutron emission for (n,2np)



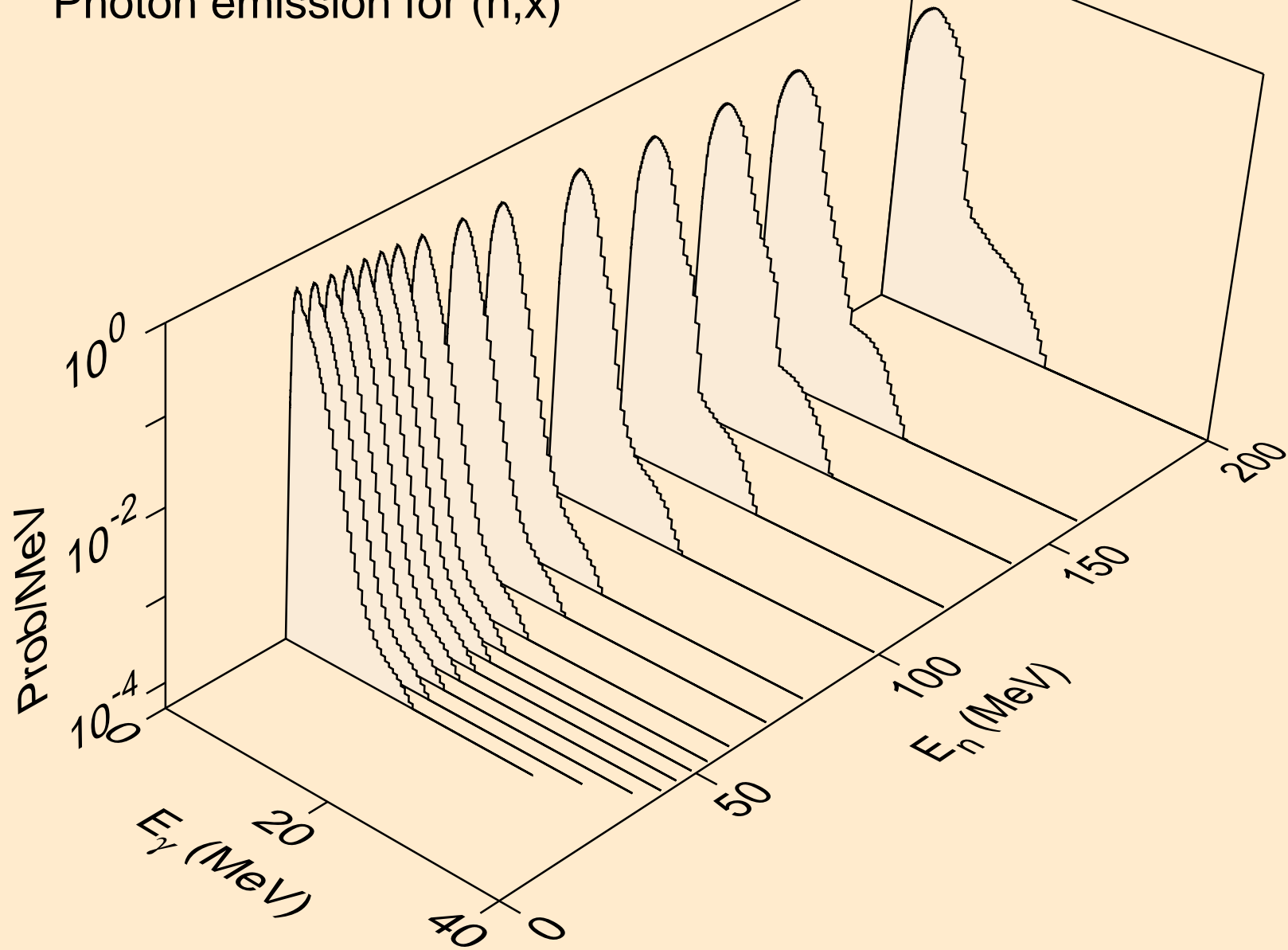
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



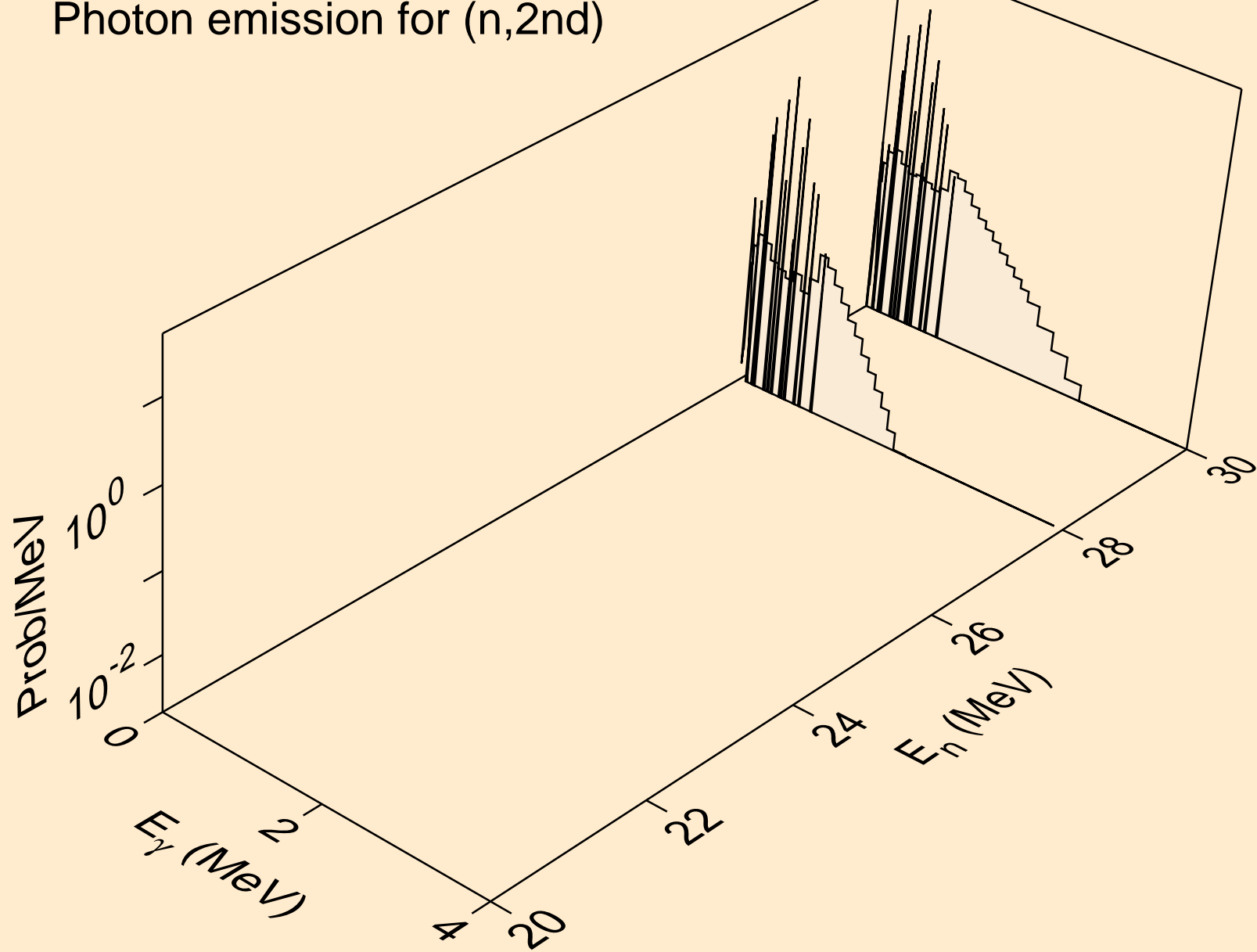
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



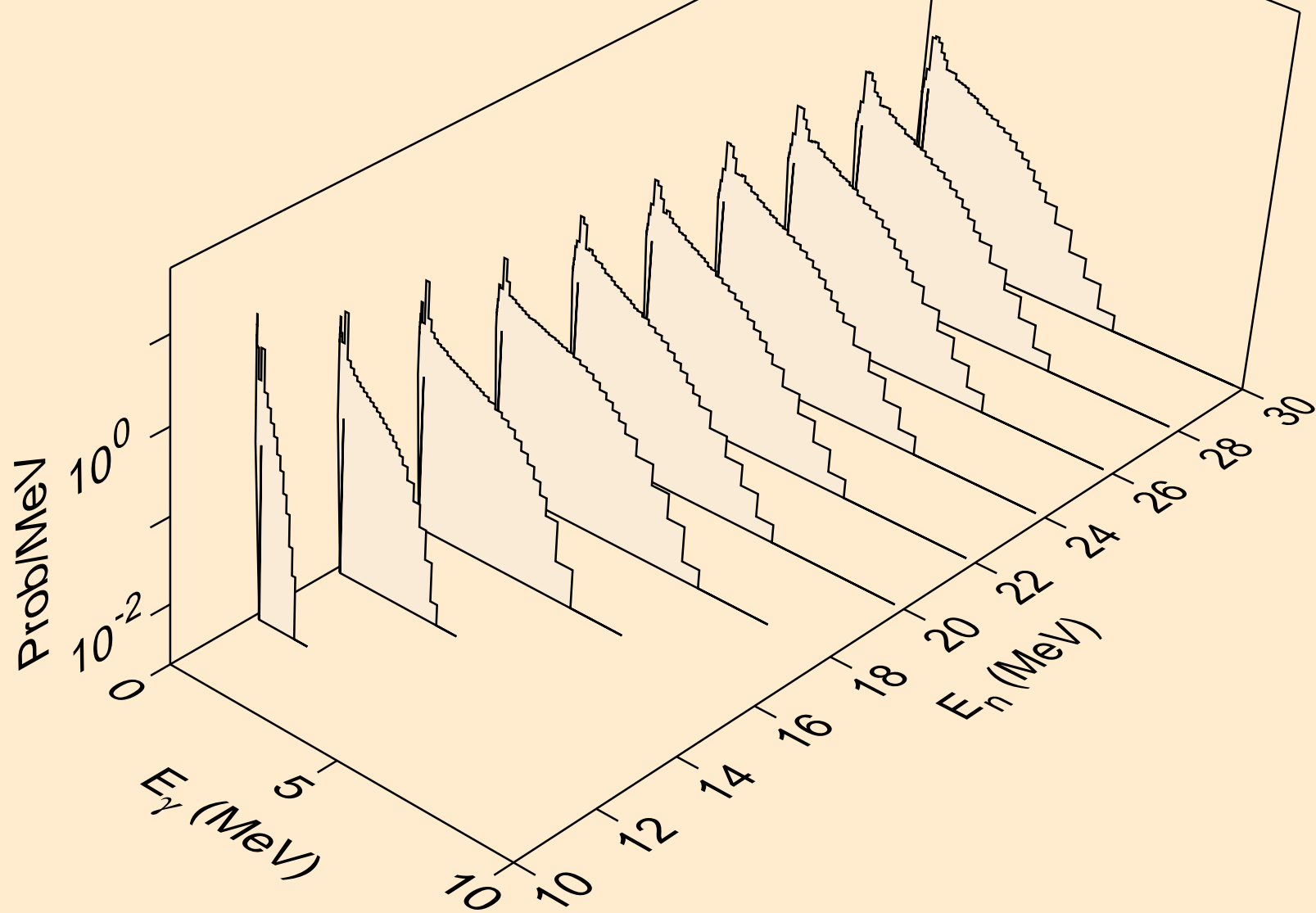
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



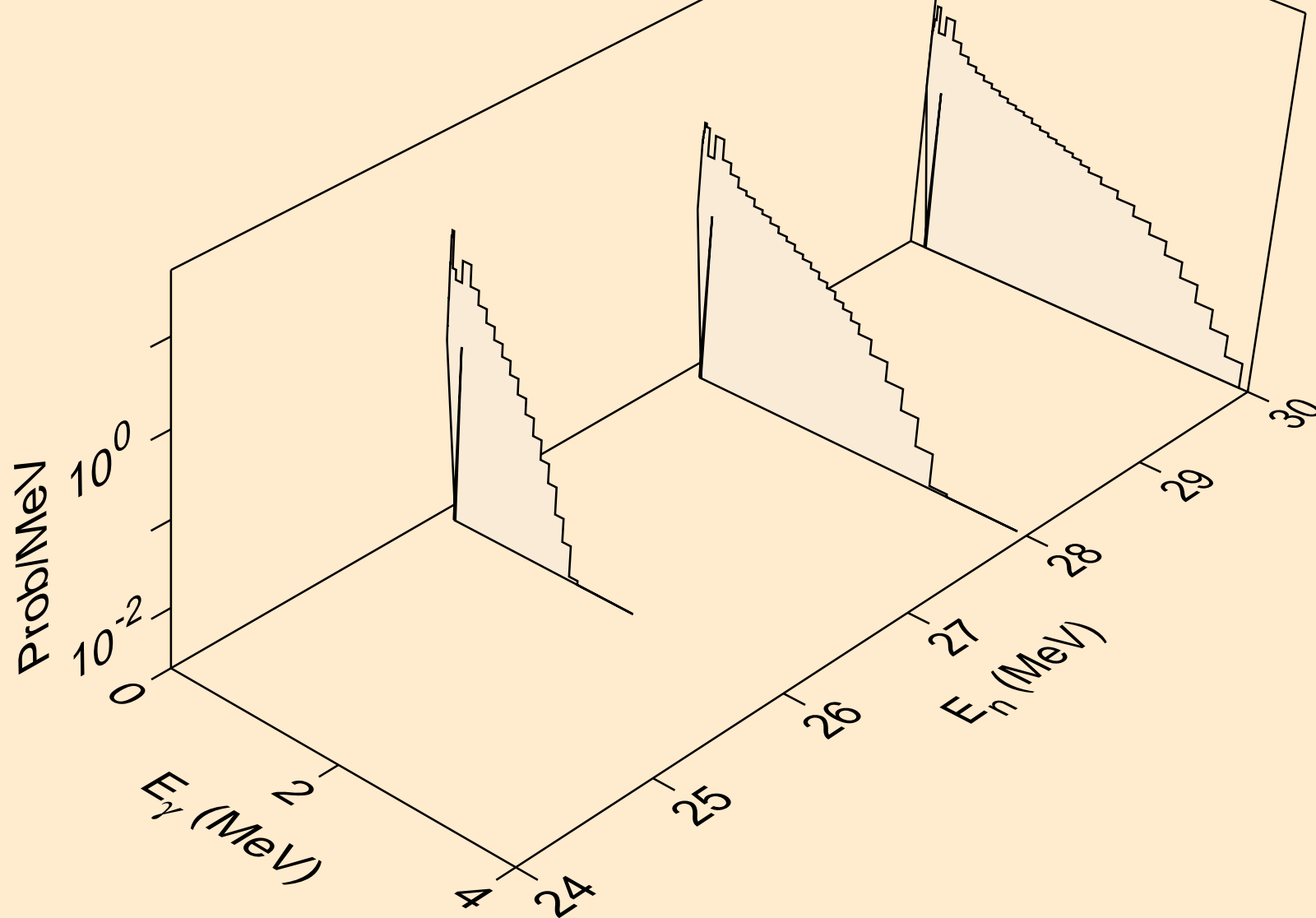
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



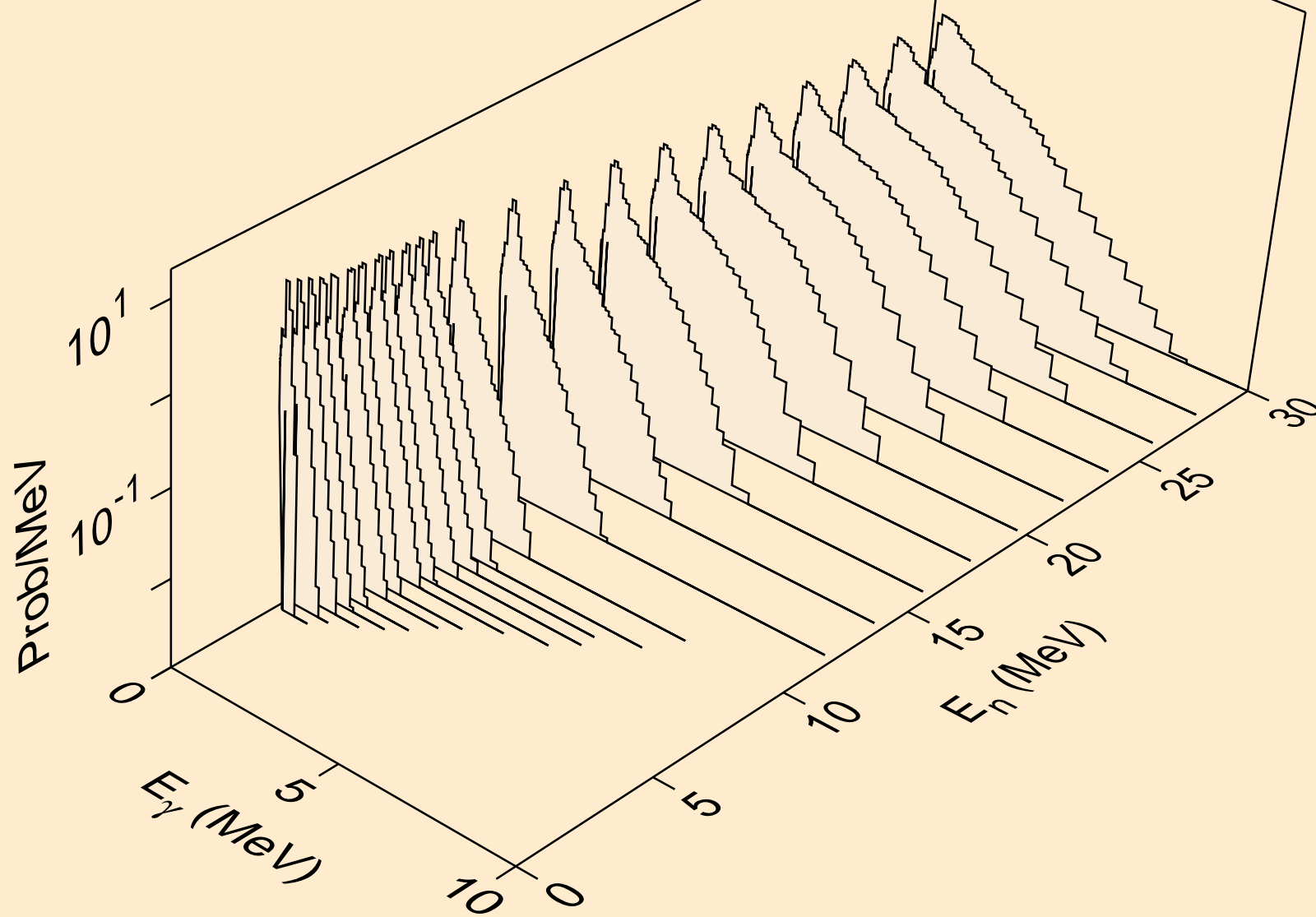
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

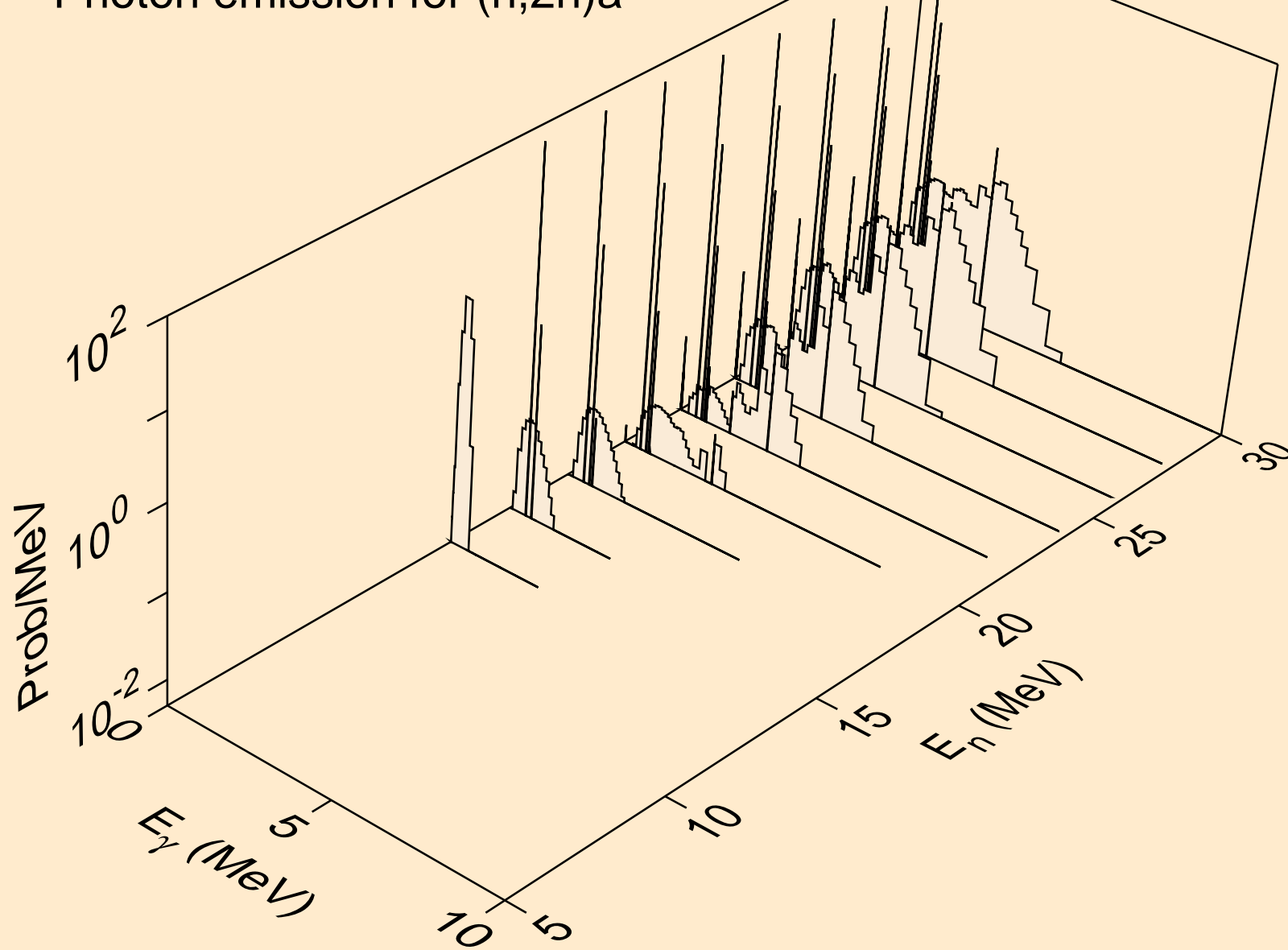


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

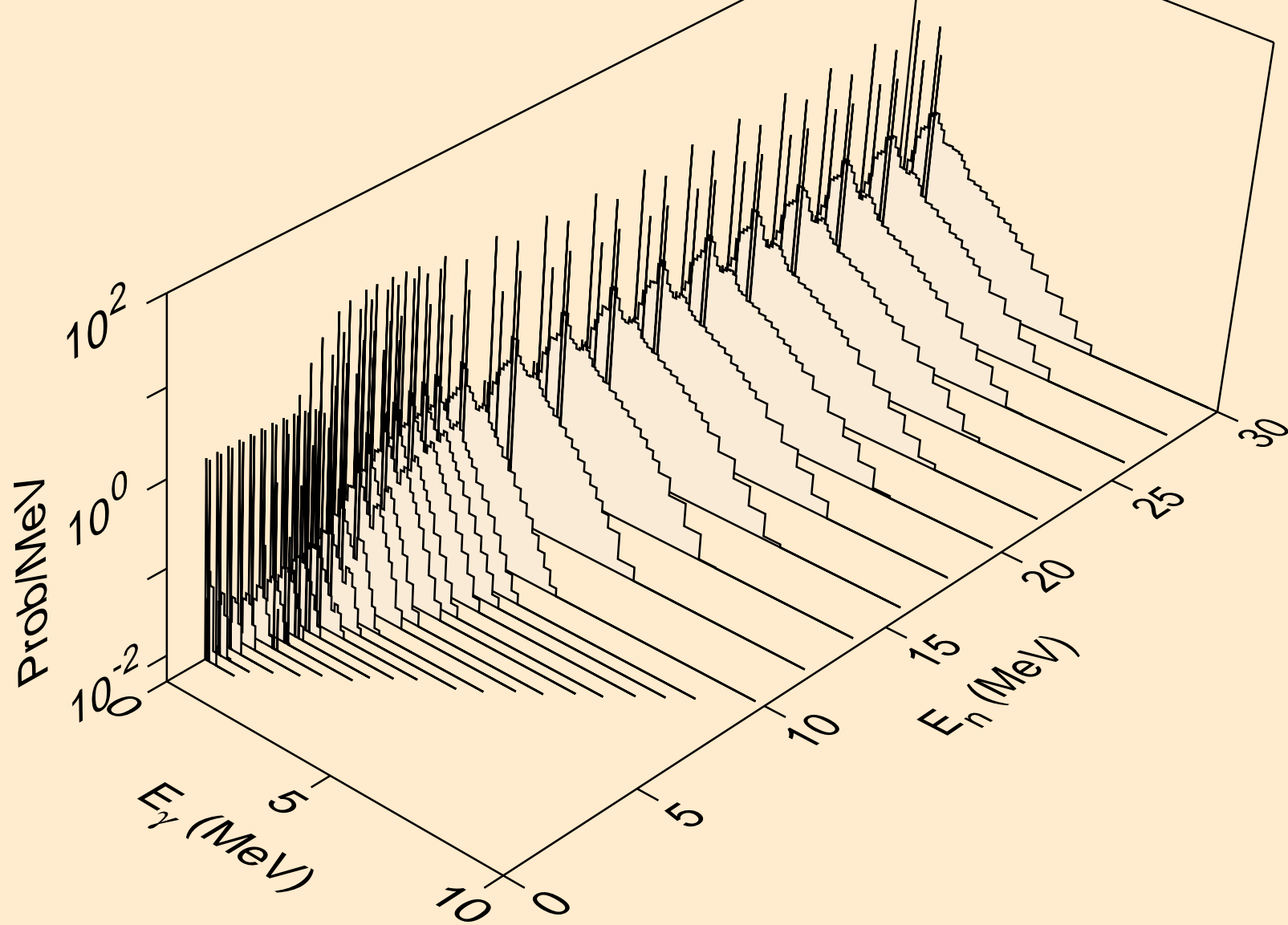




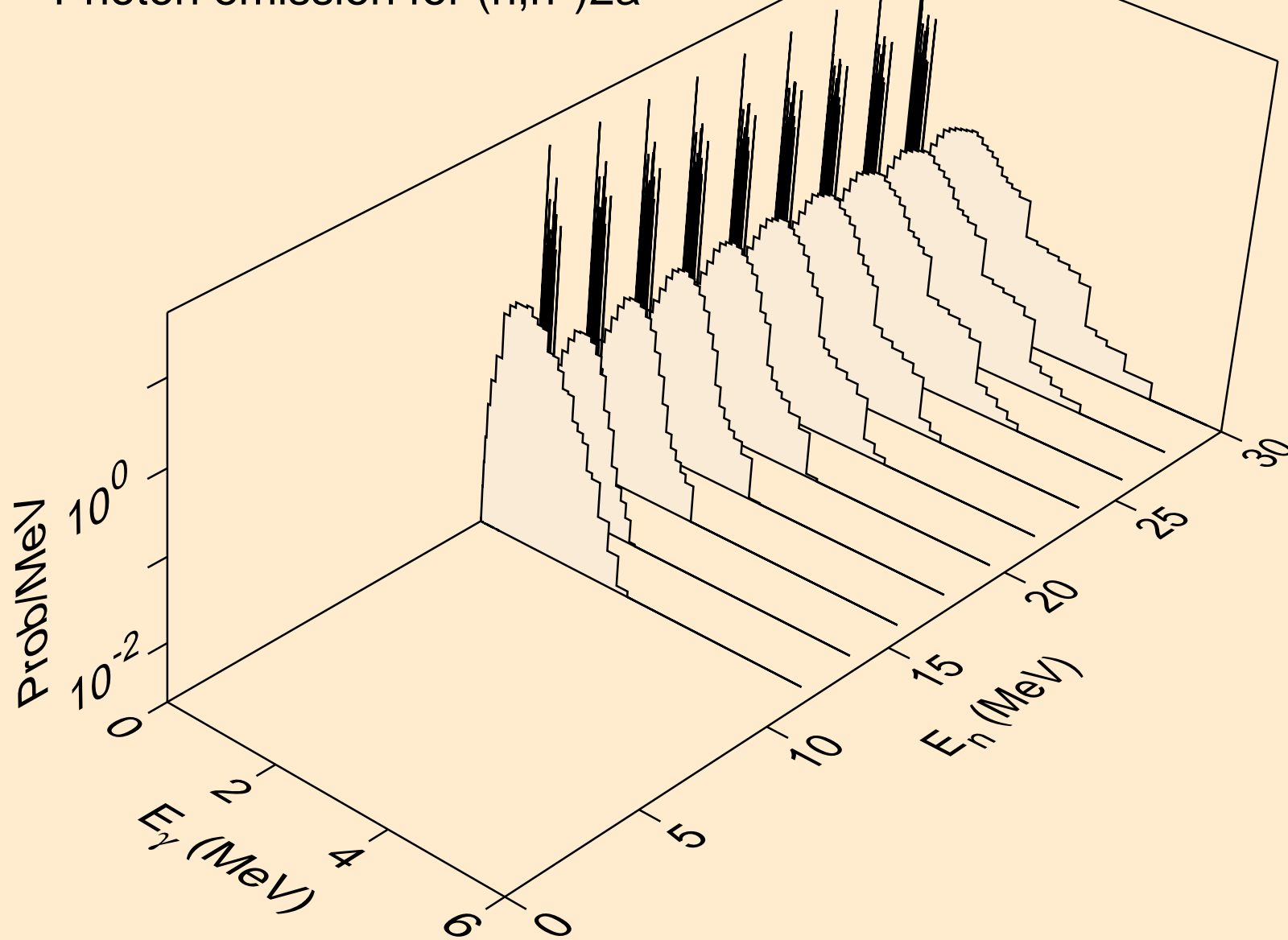
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



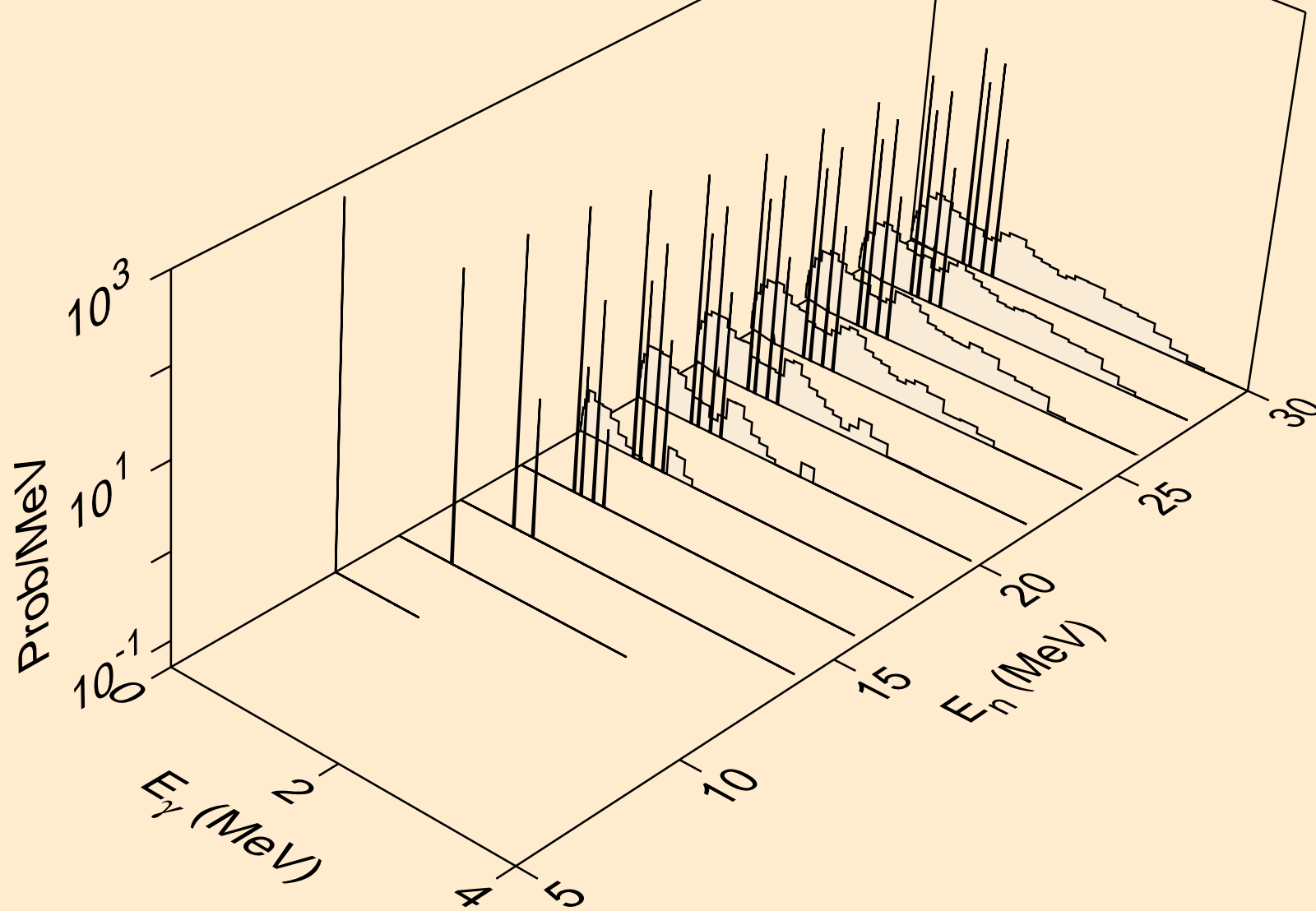
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



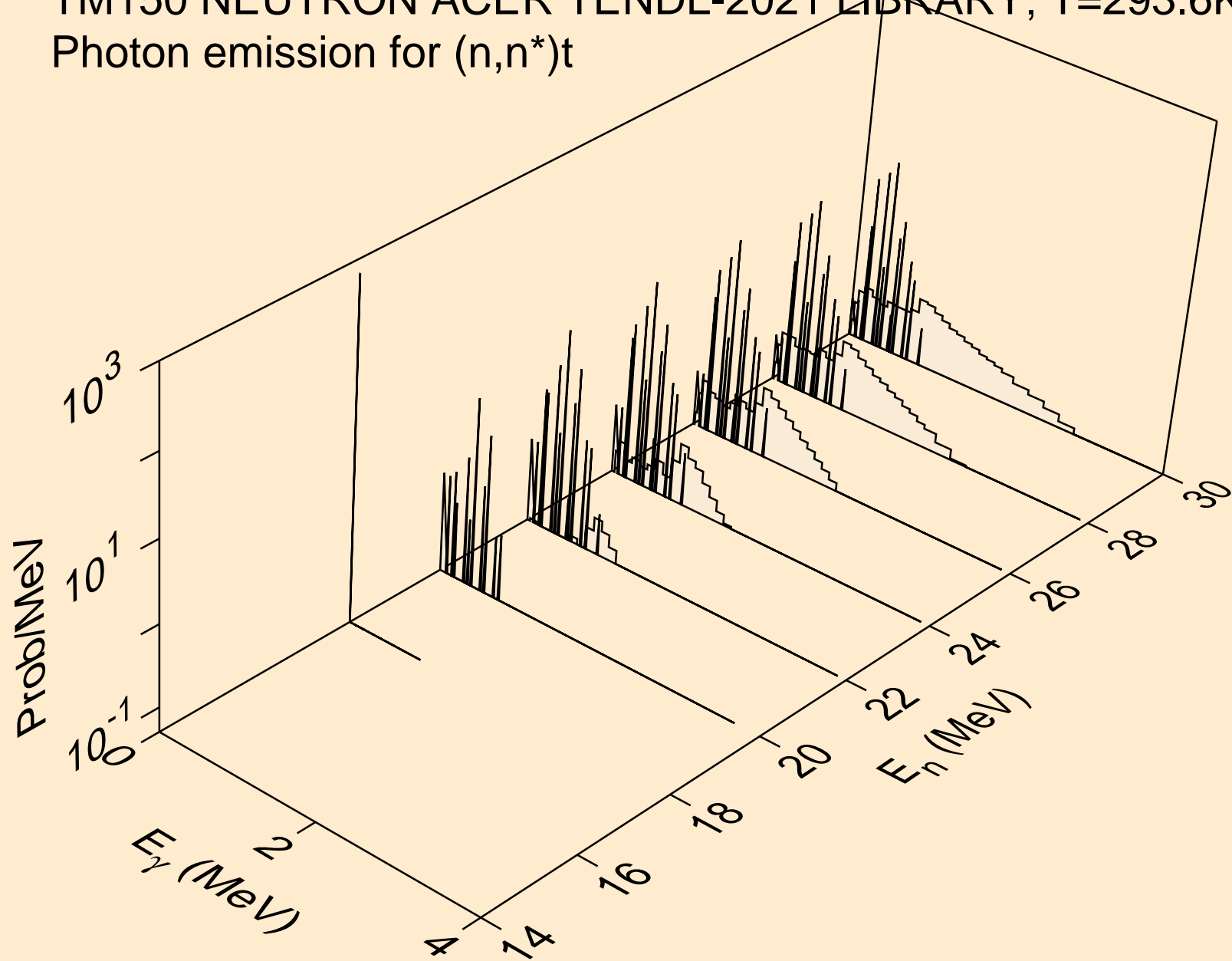
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



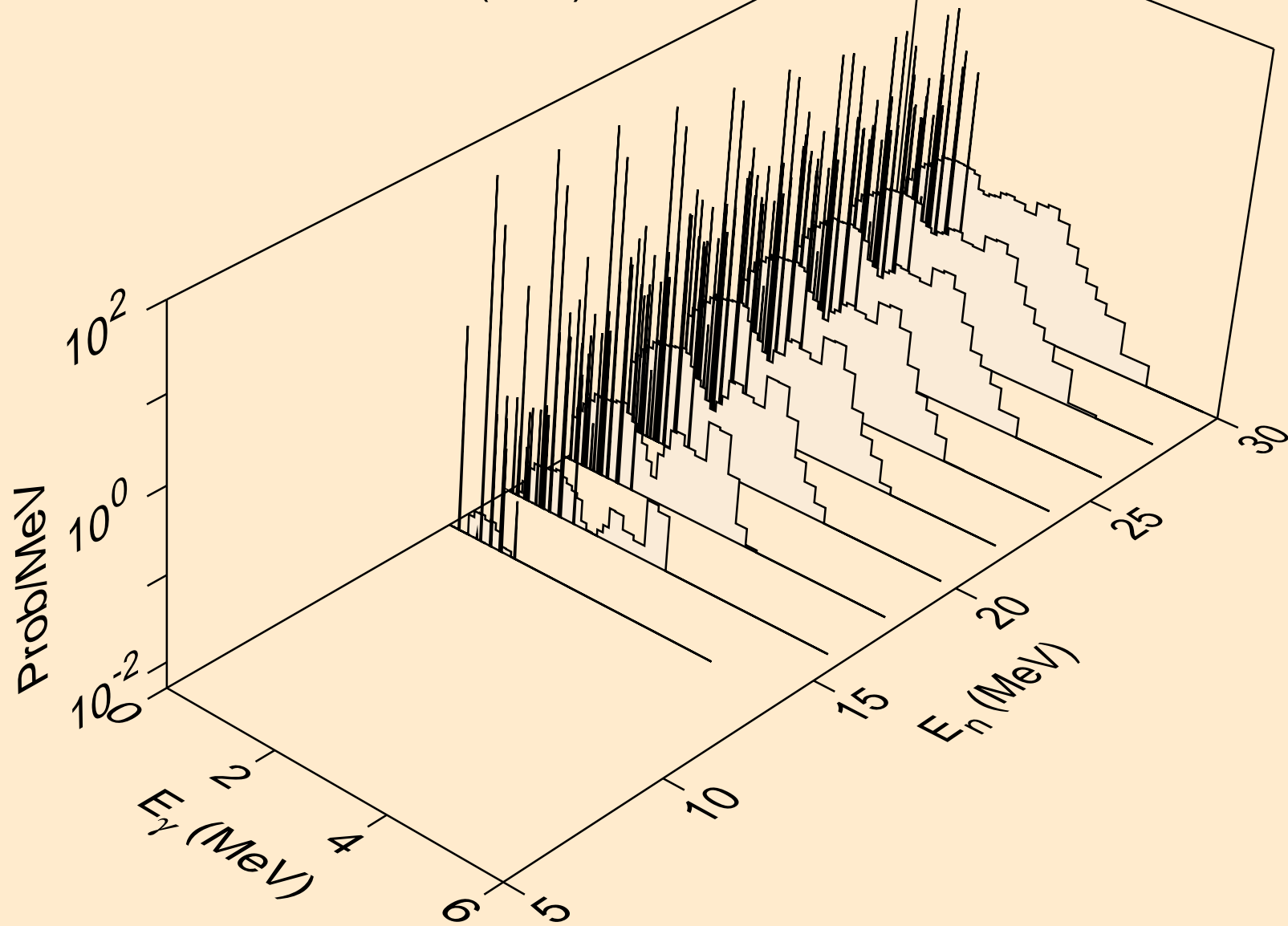
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



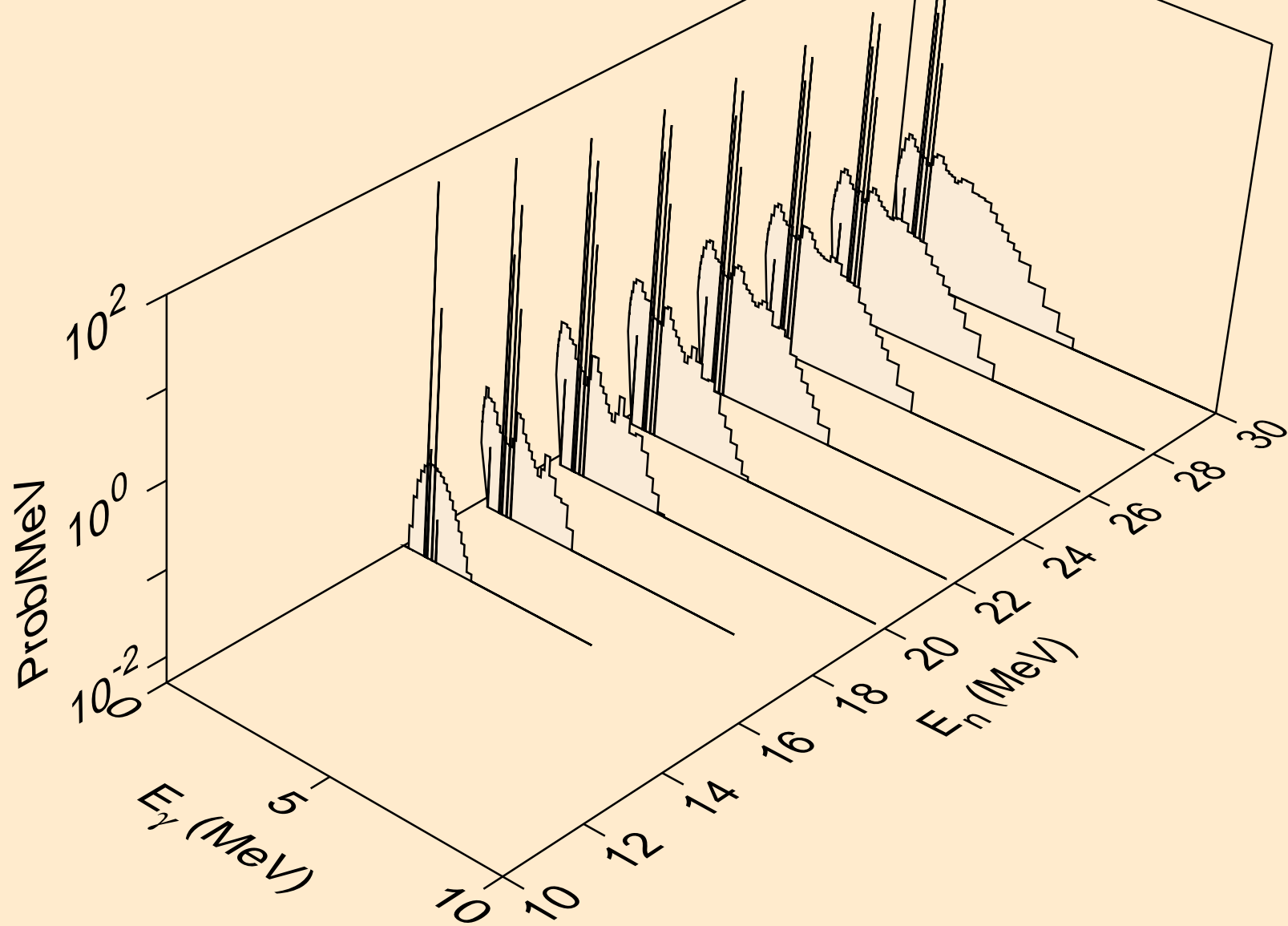
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



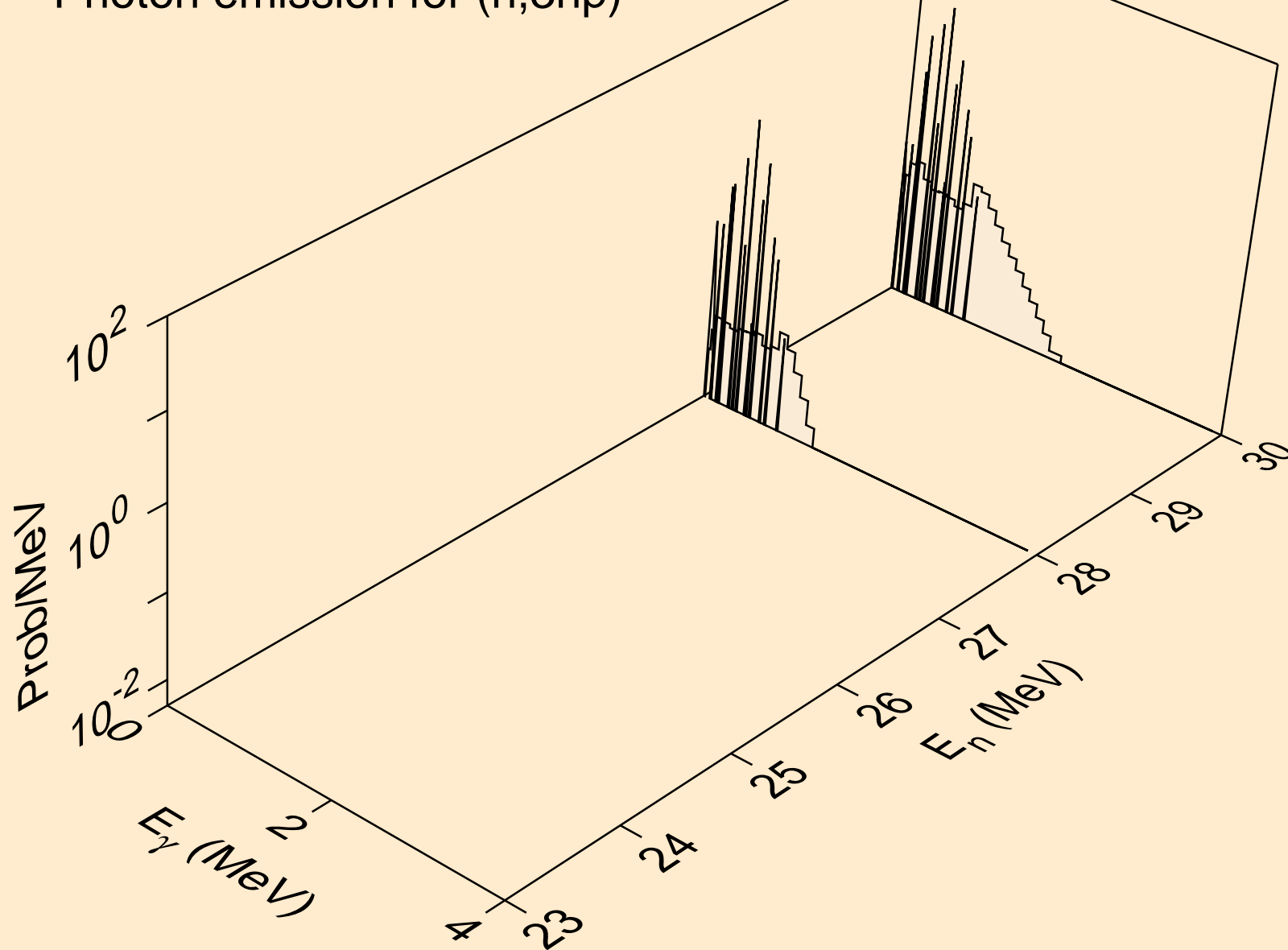
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

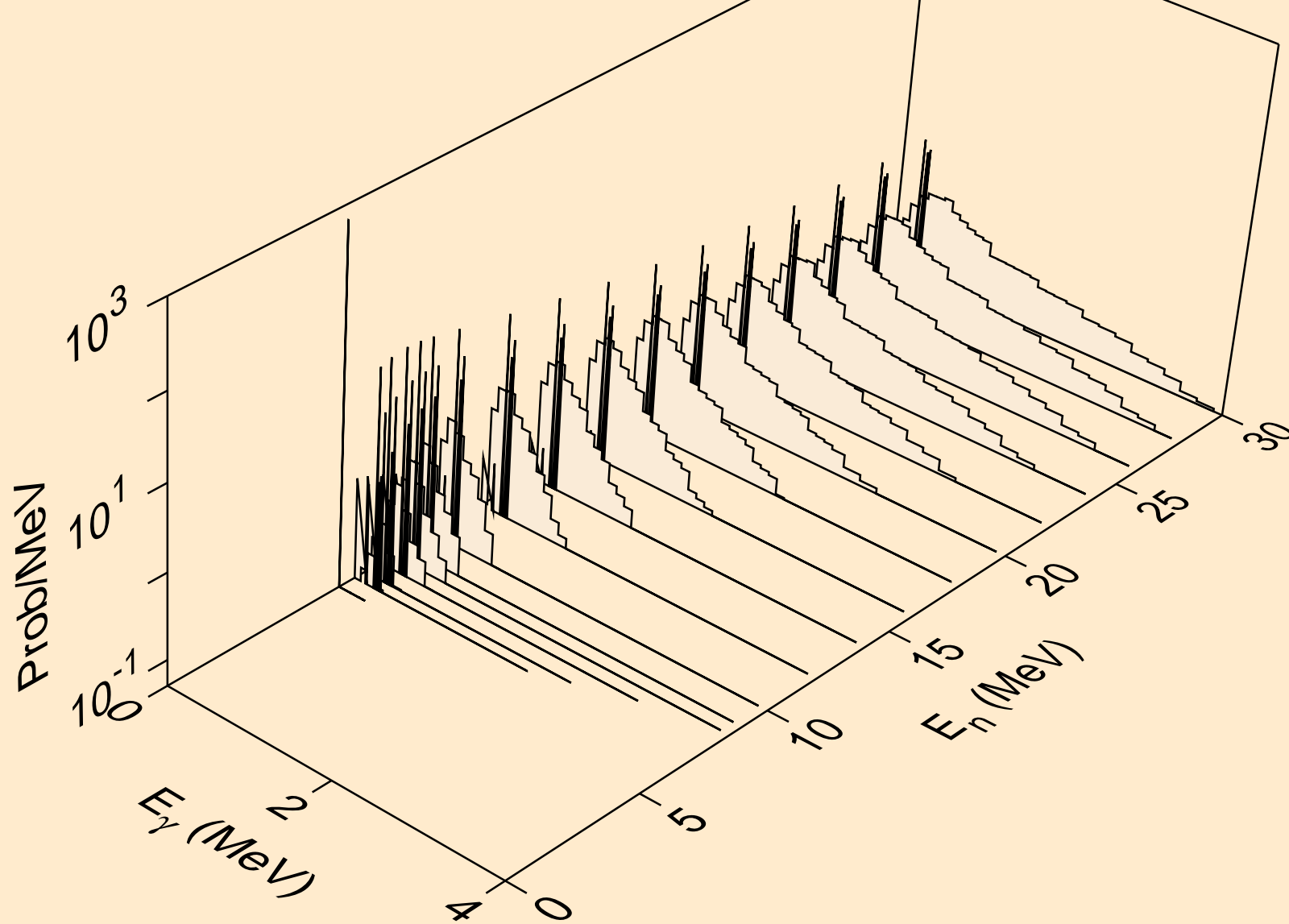


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

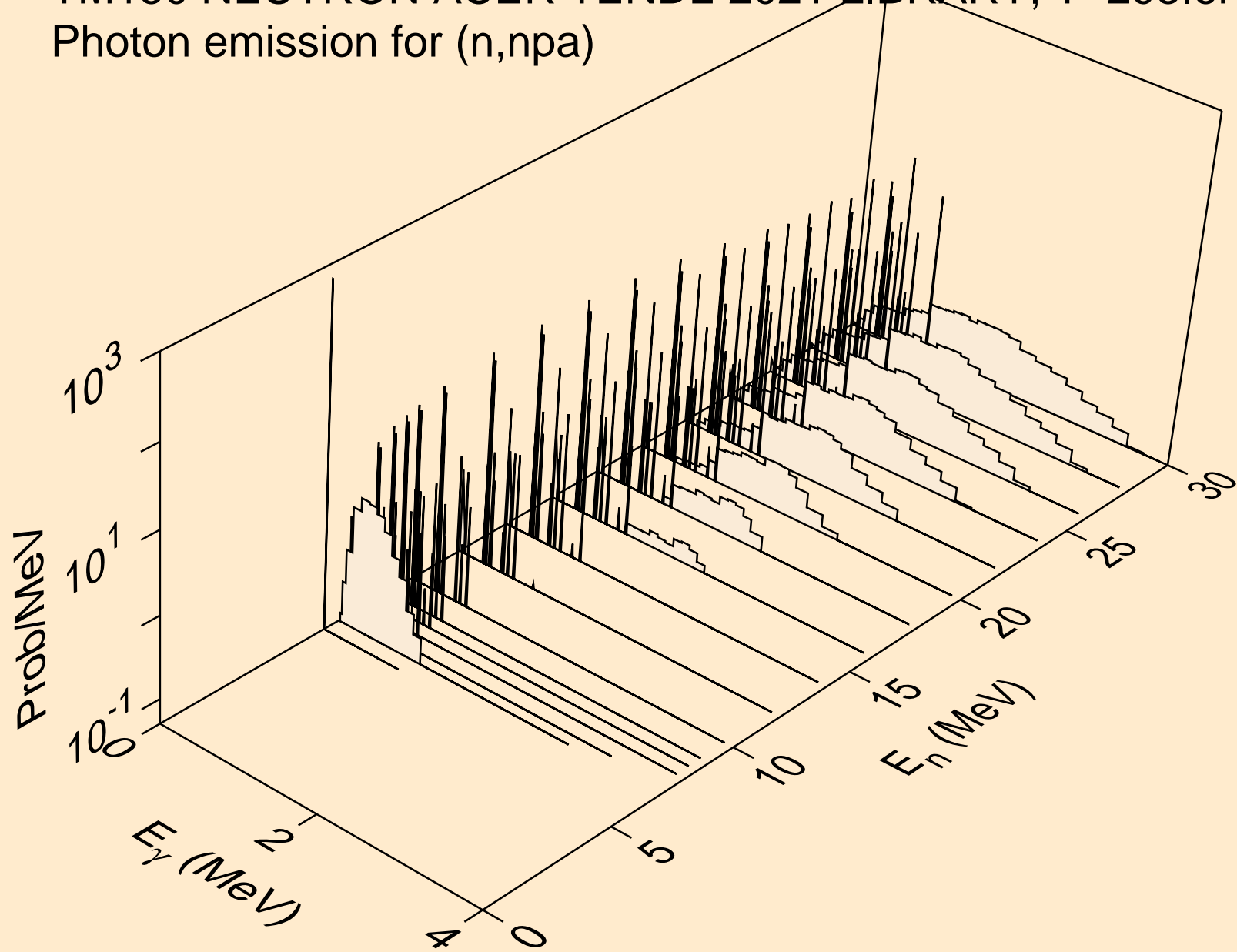




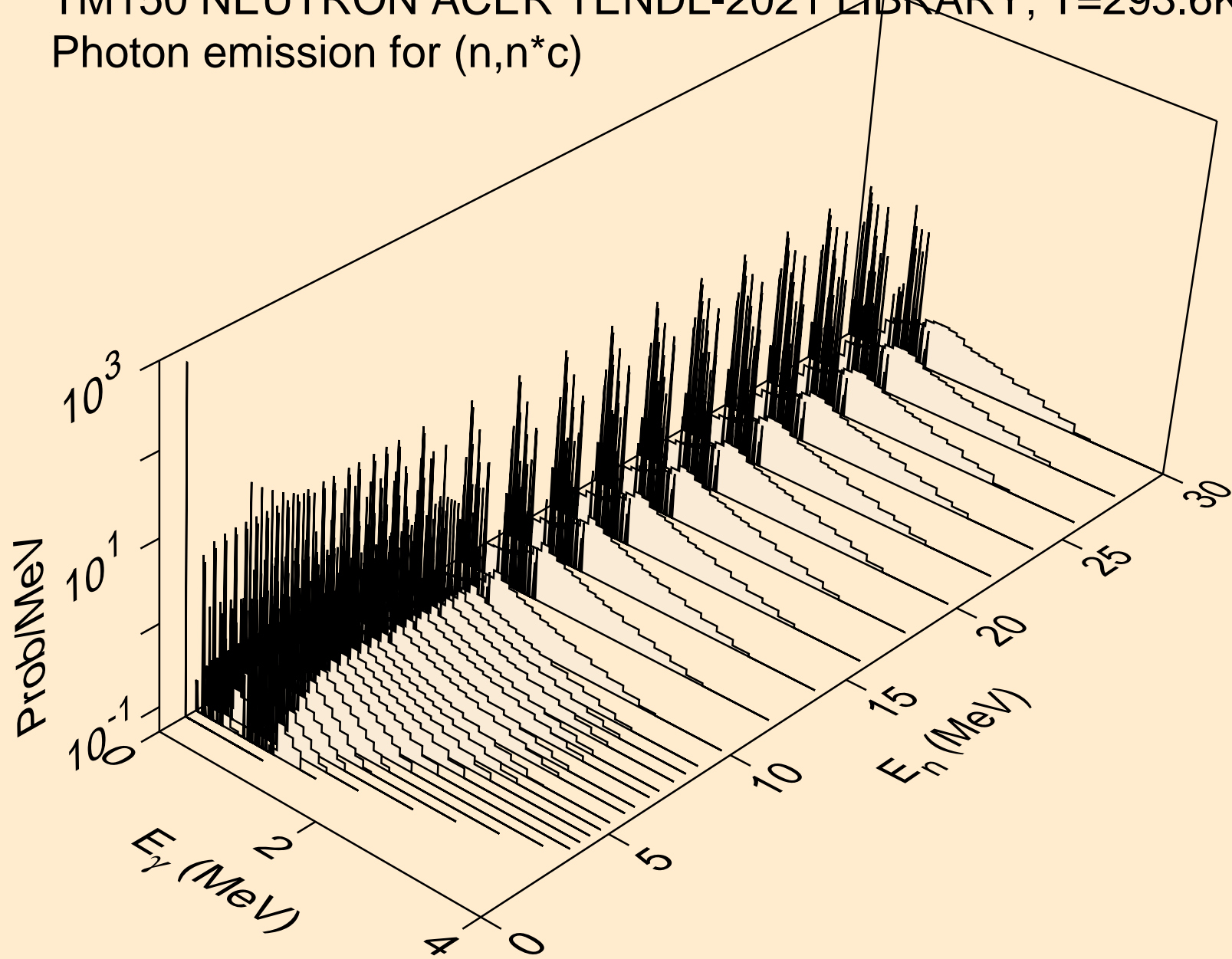
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



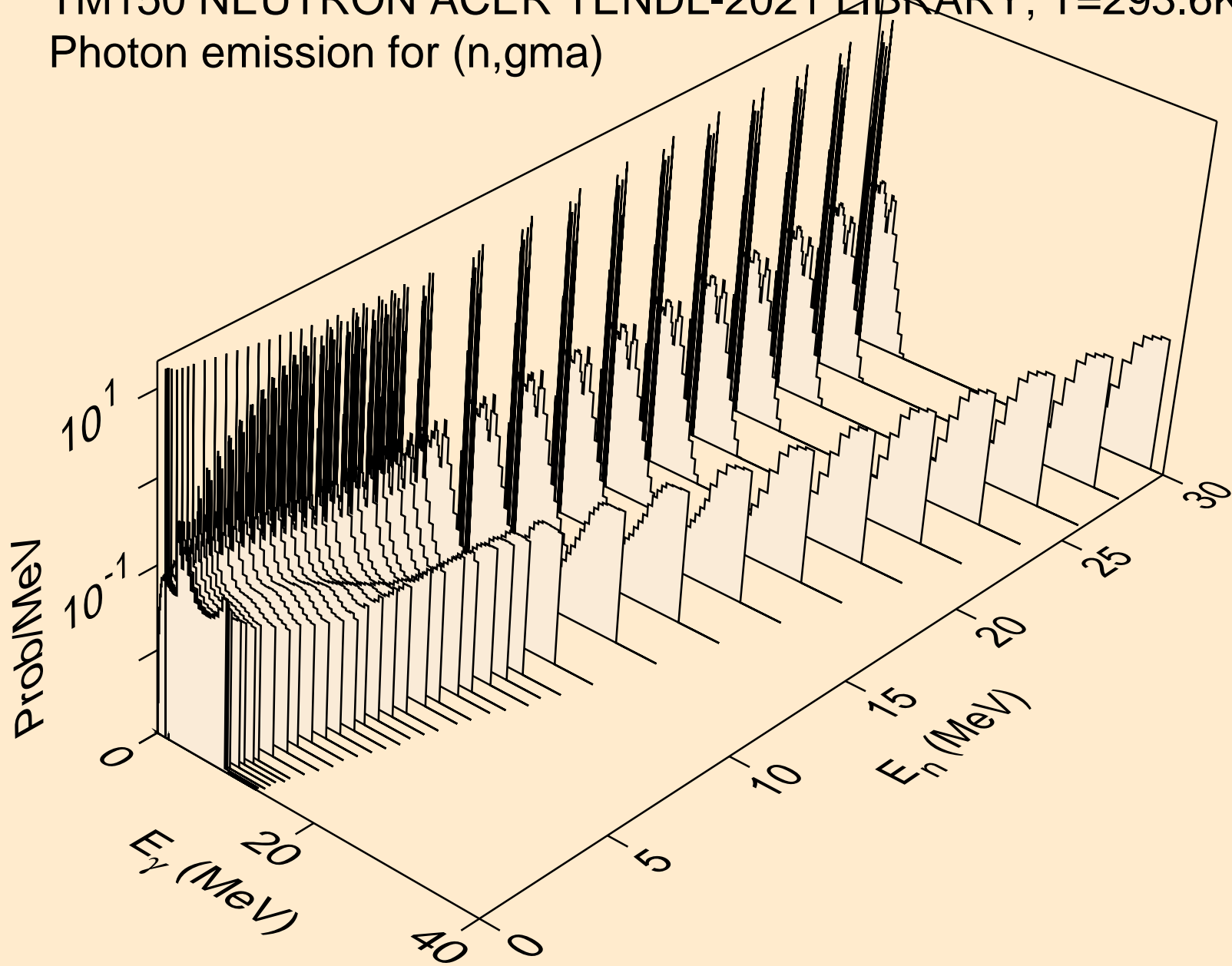
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



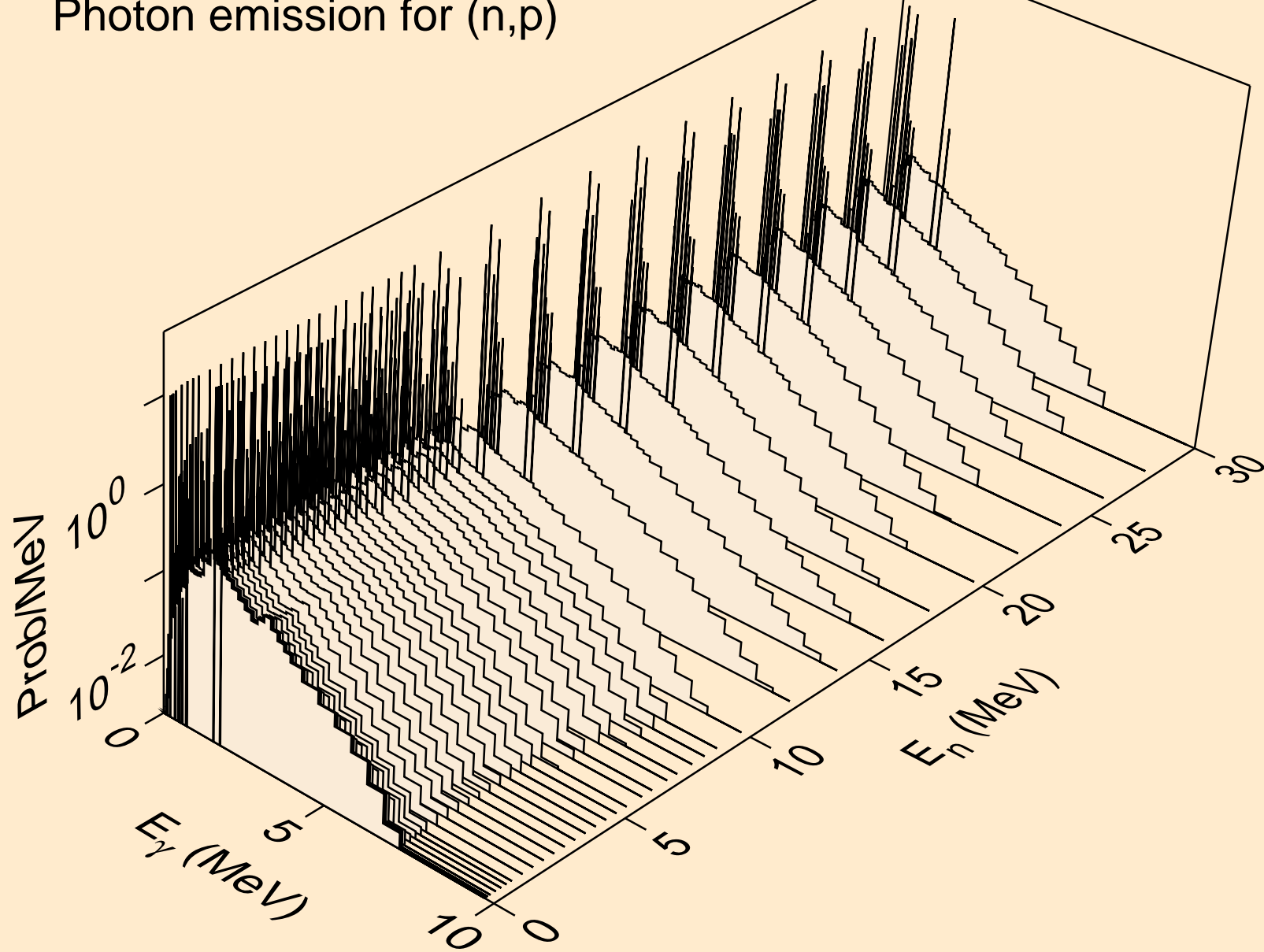
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



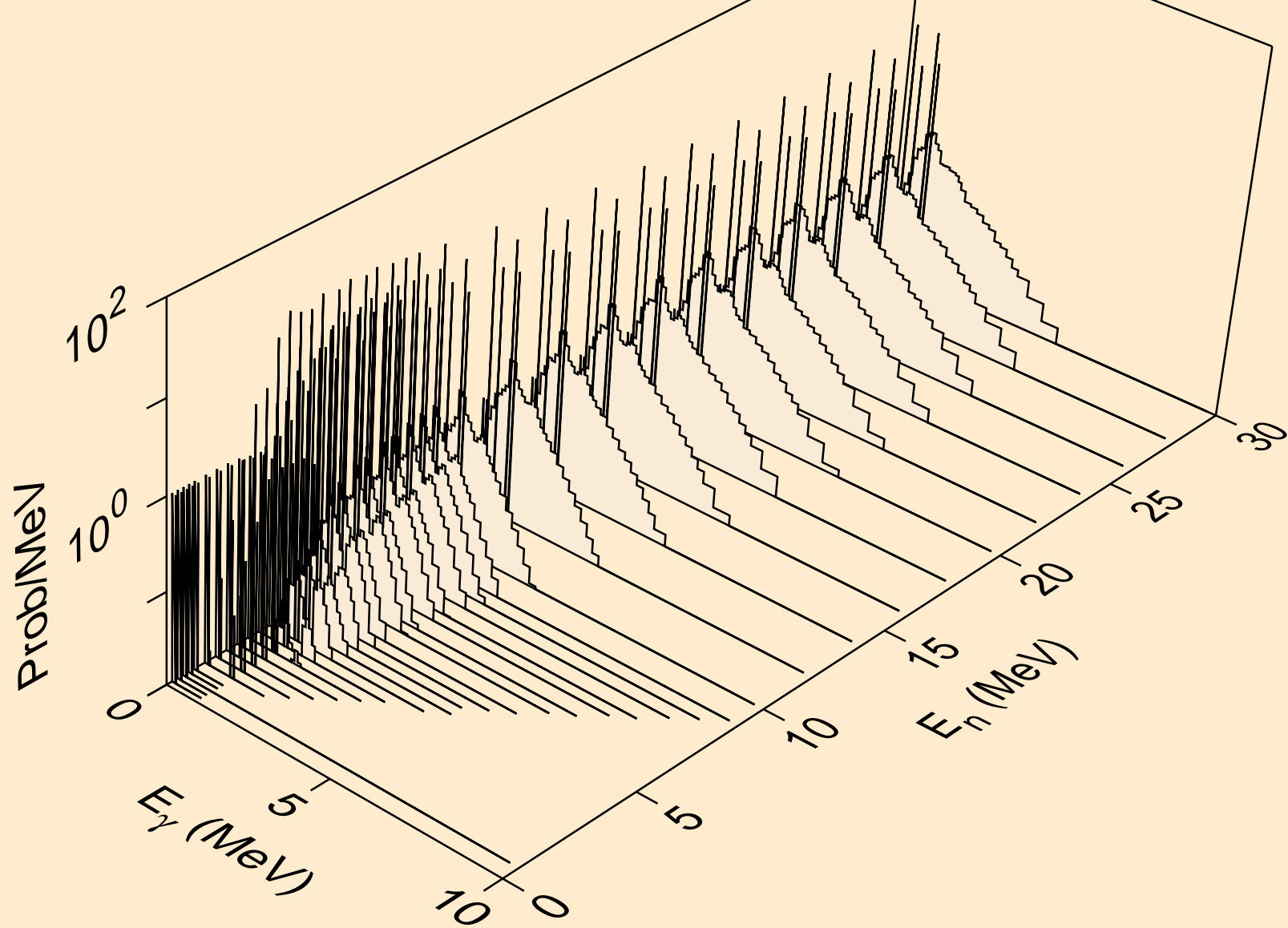
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



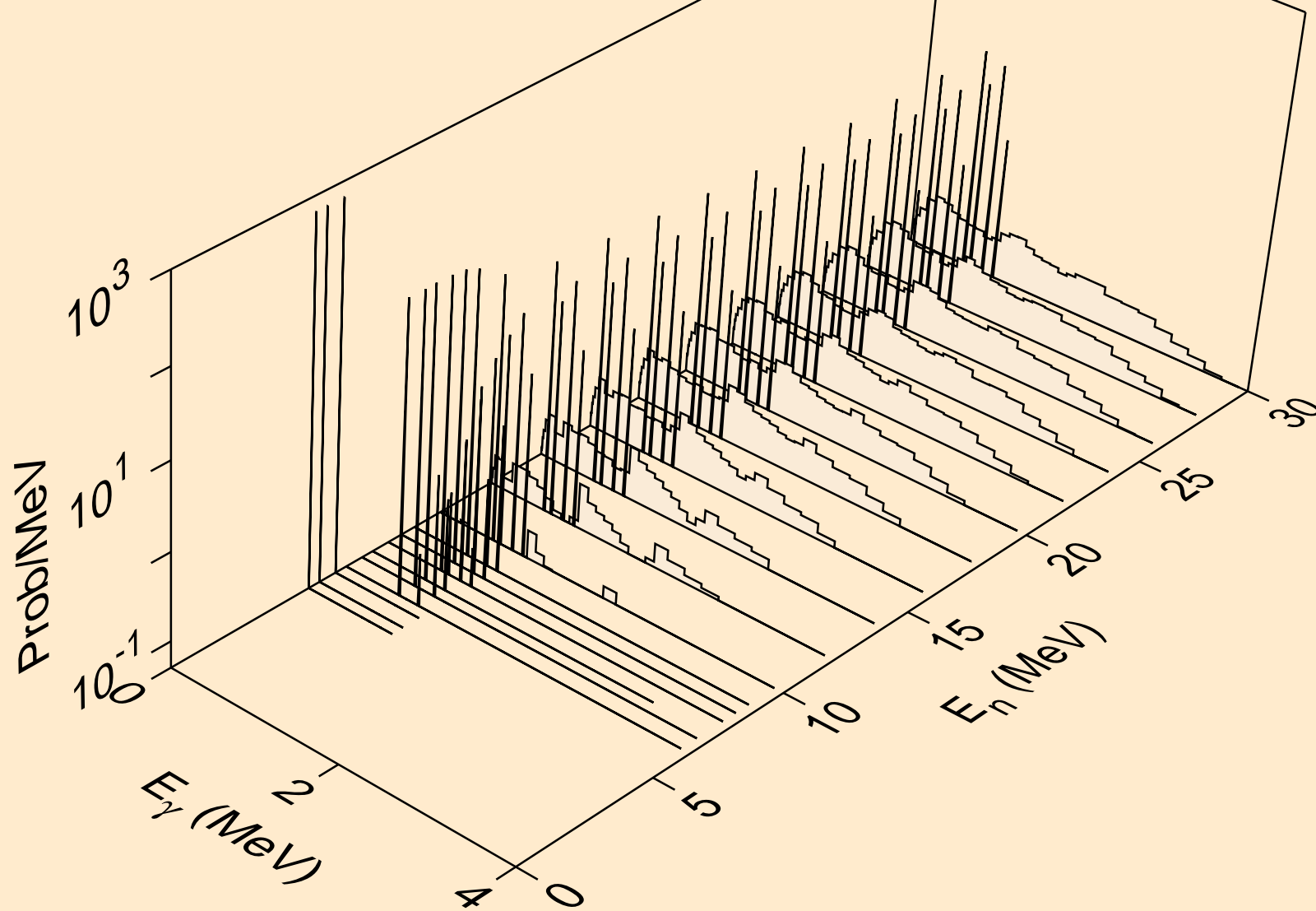
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



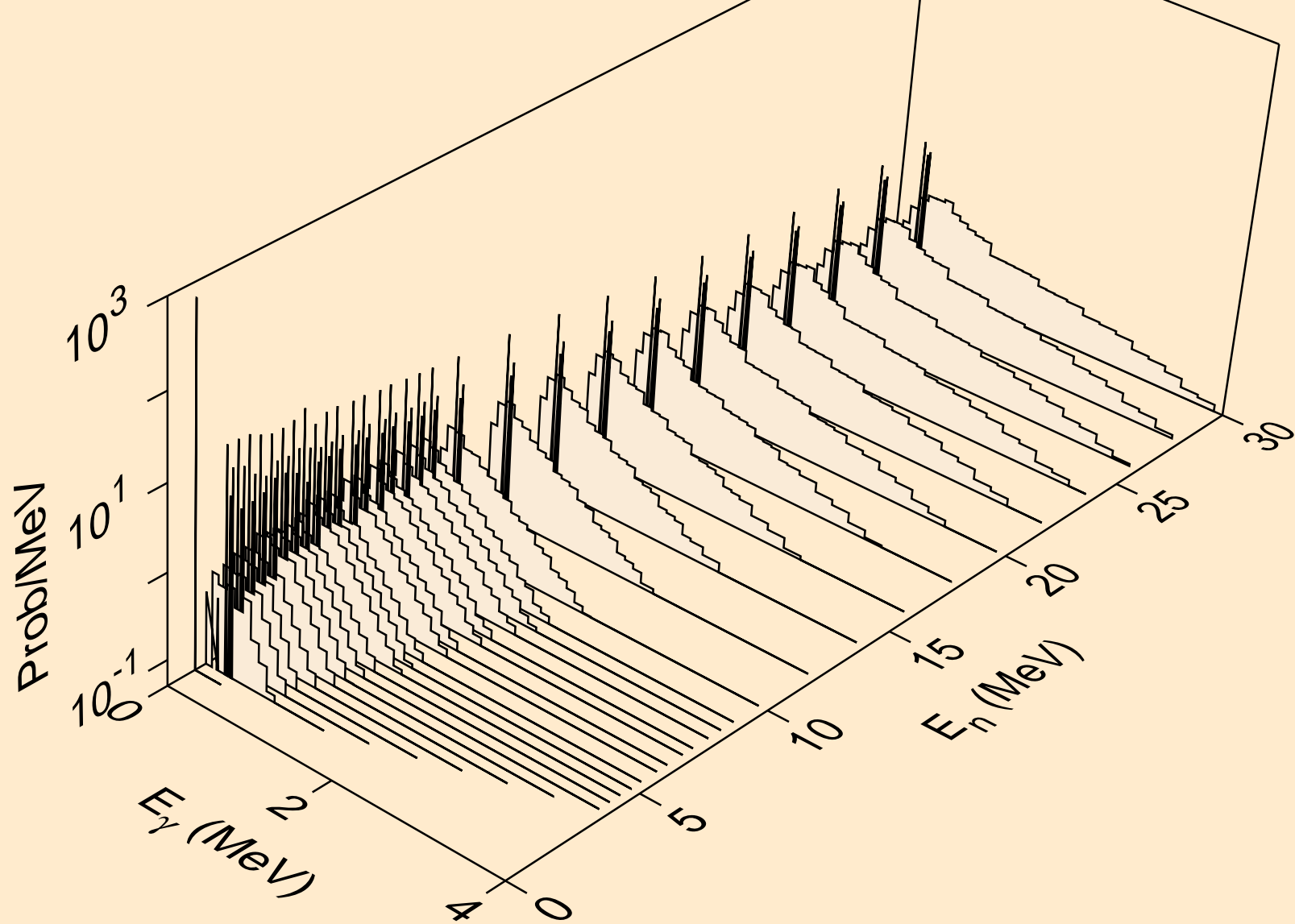
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

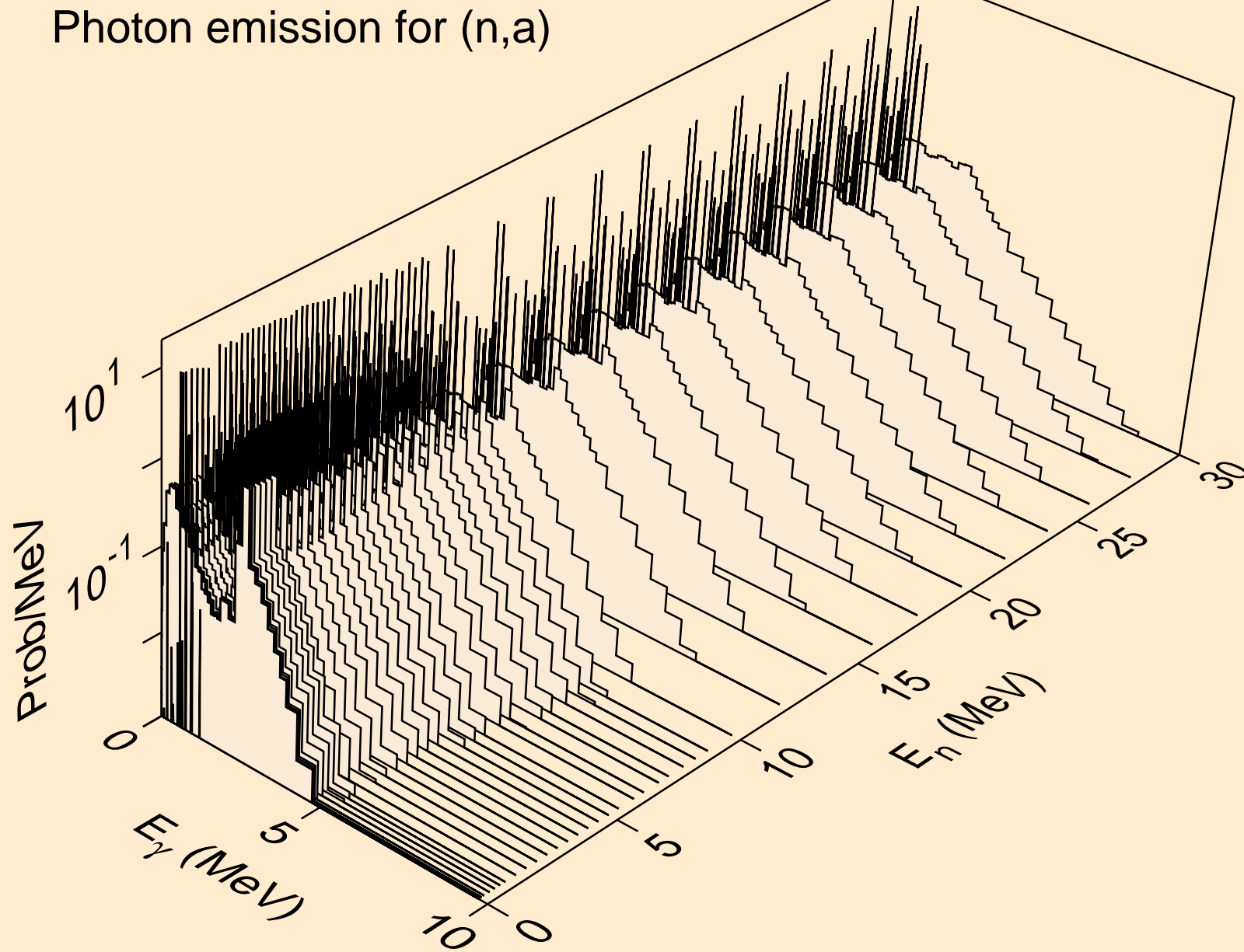


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

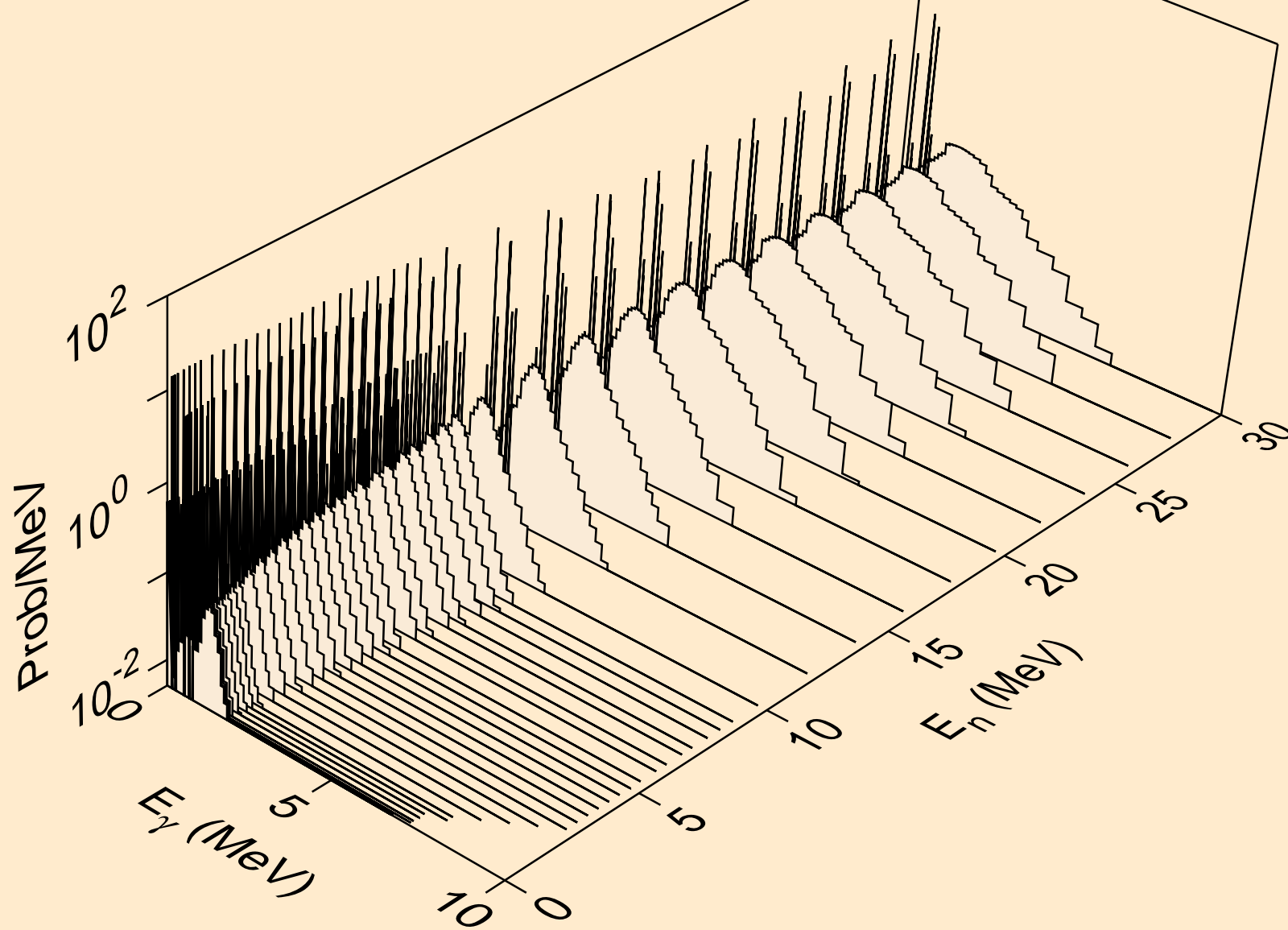




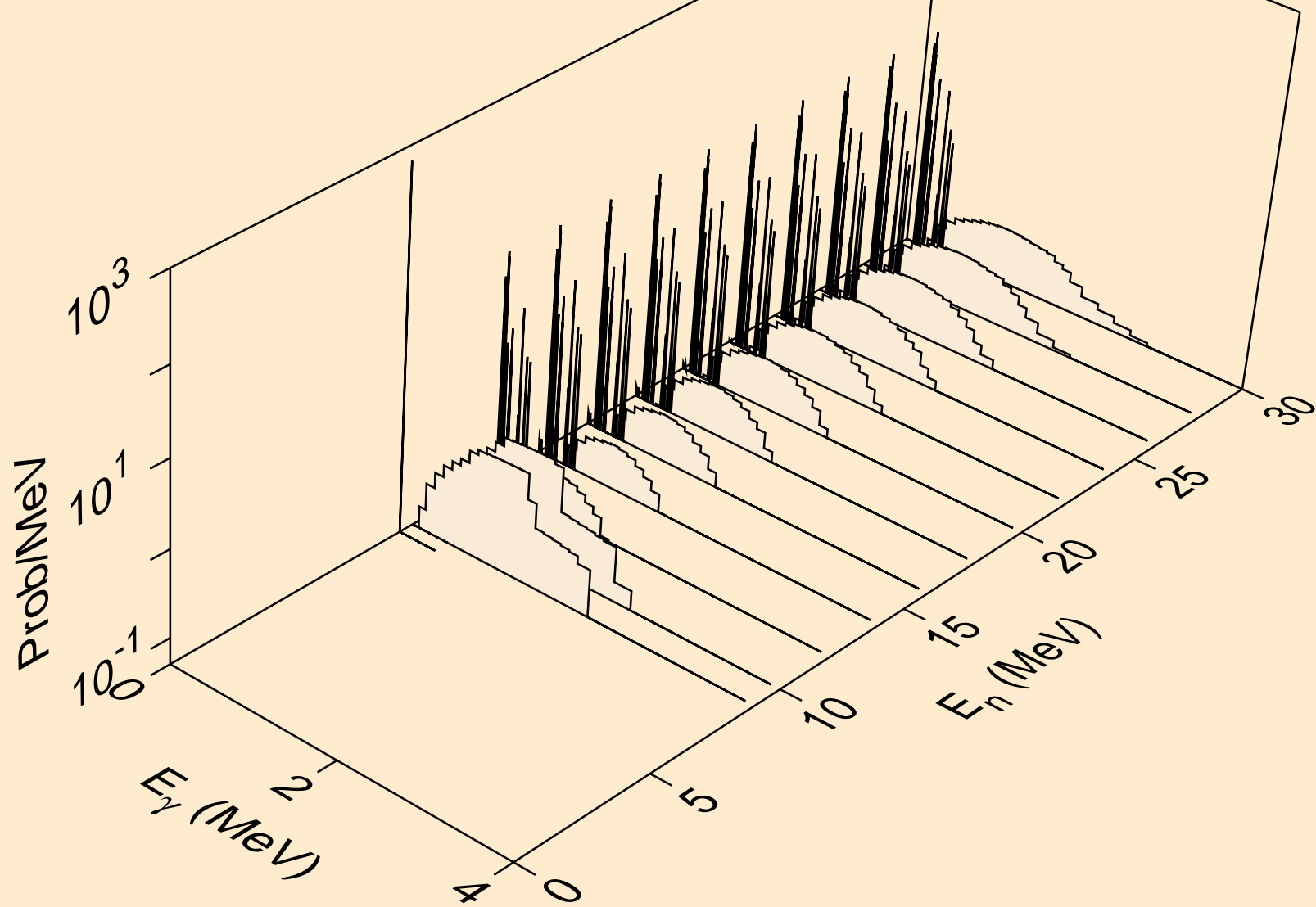
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



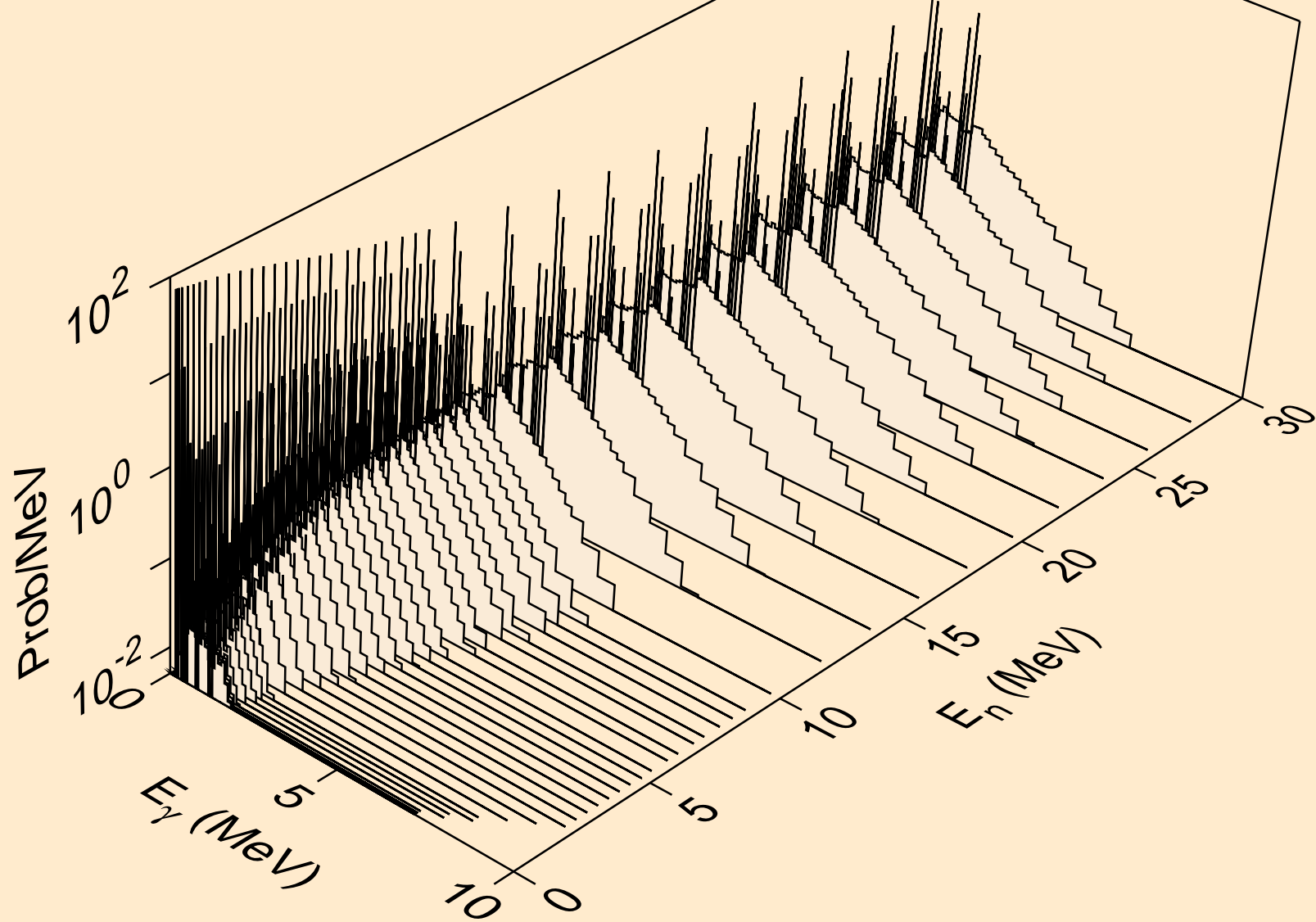
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



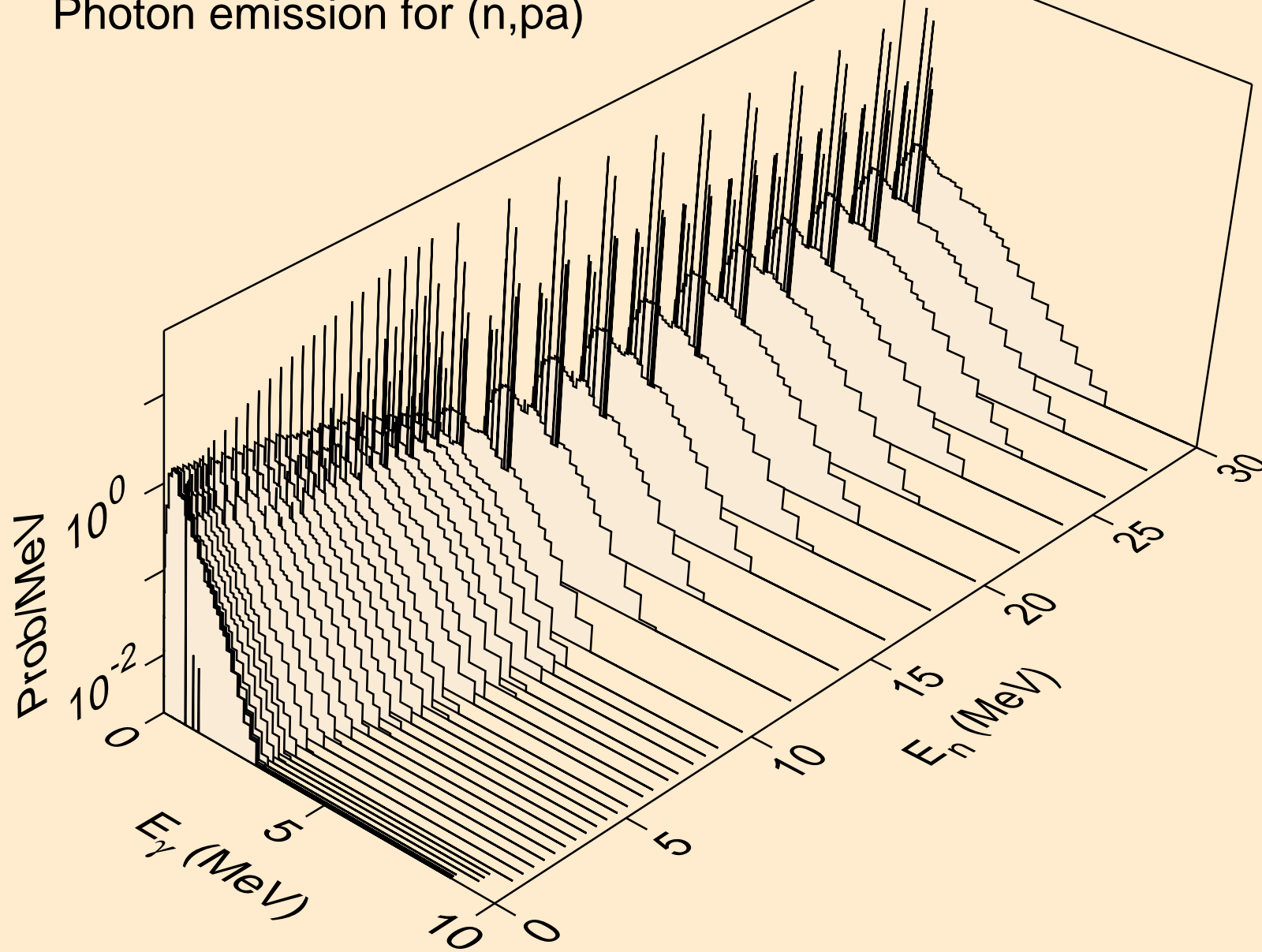
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



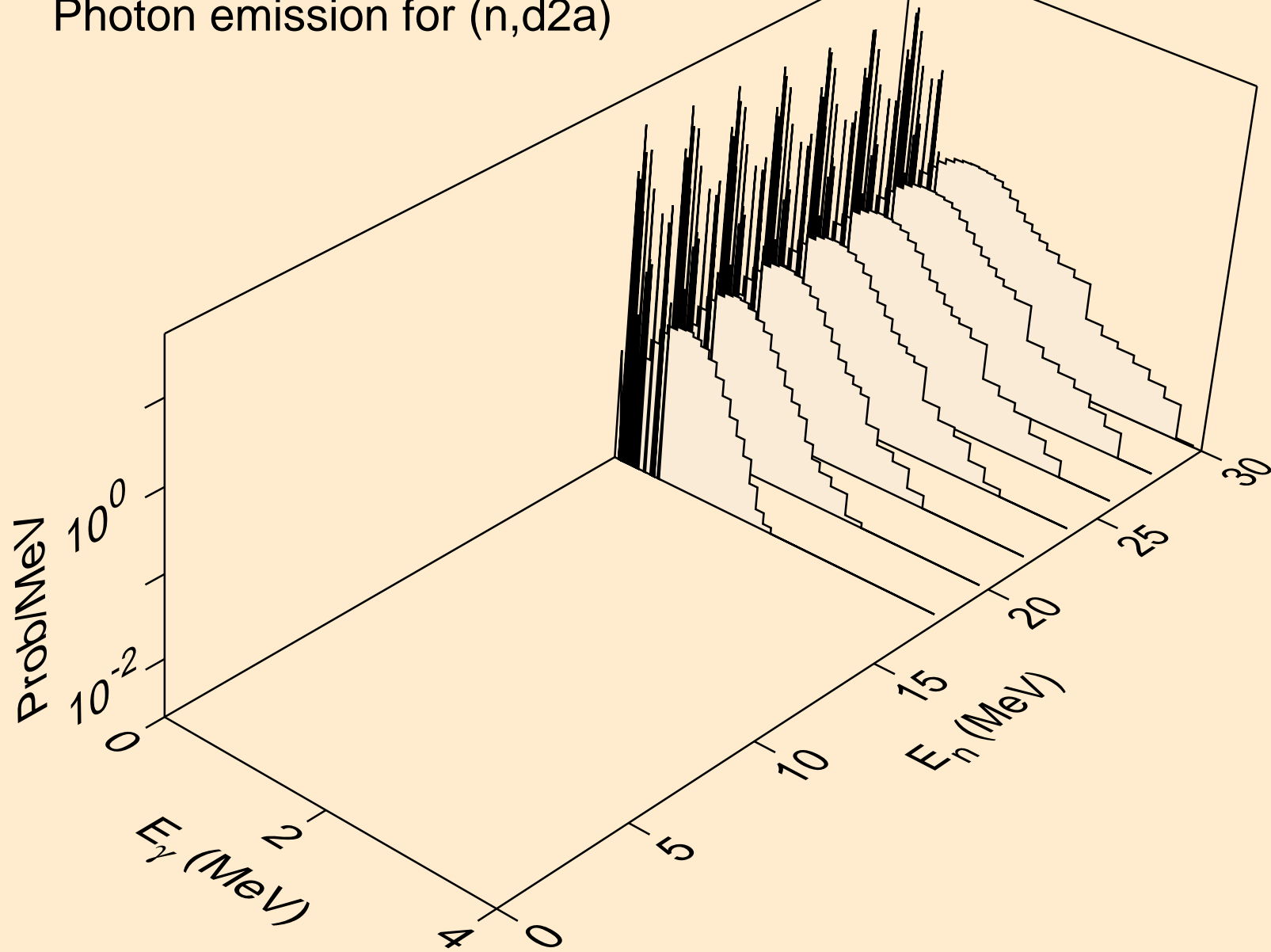
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



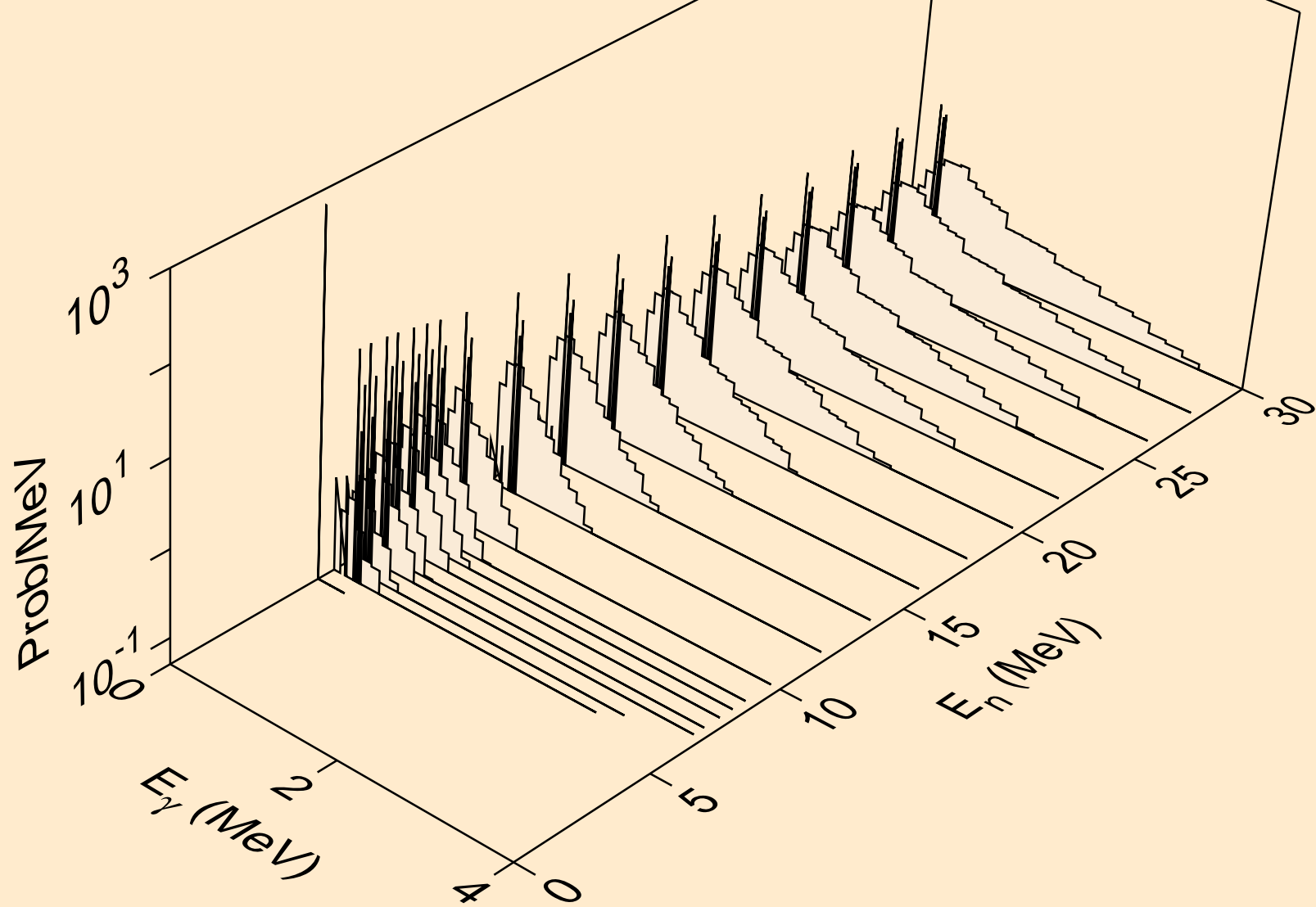
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



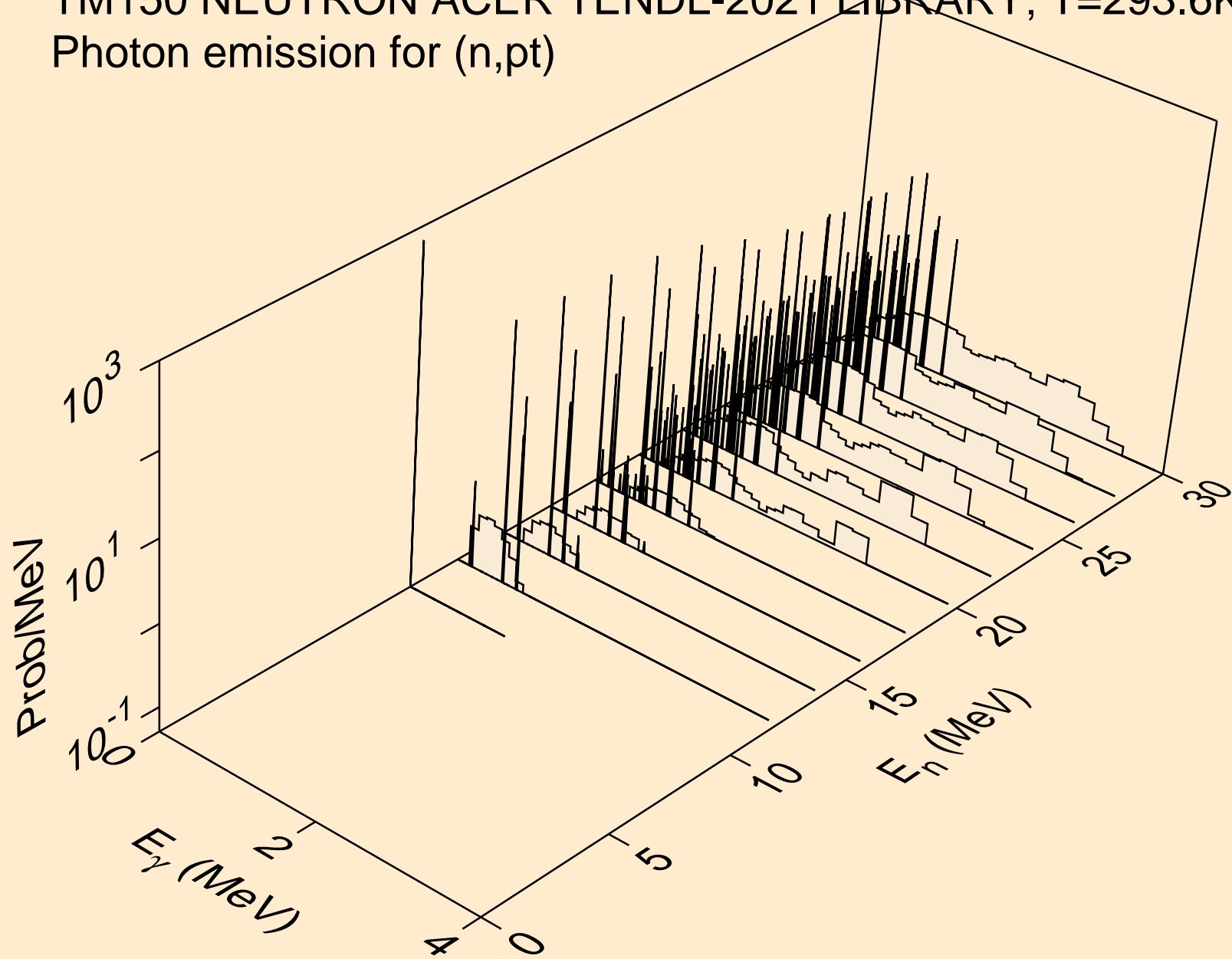
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

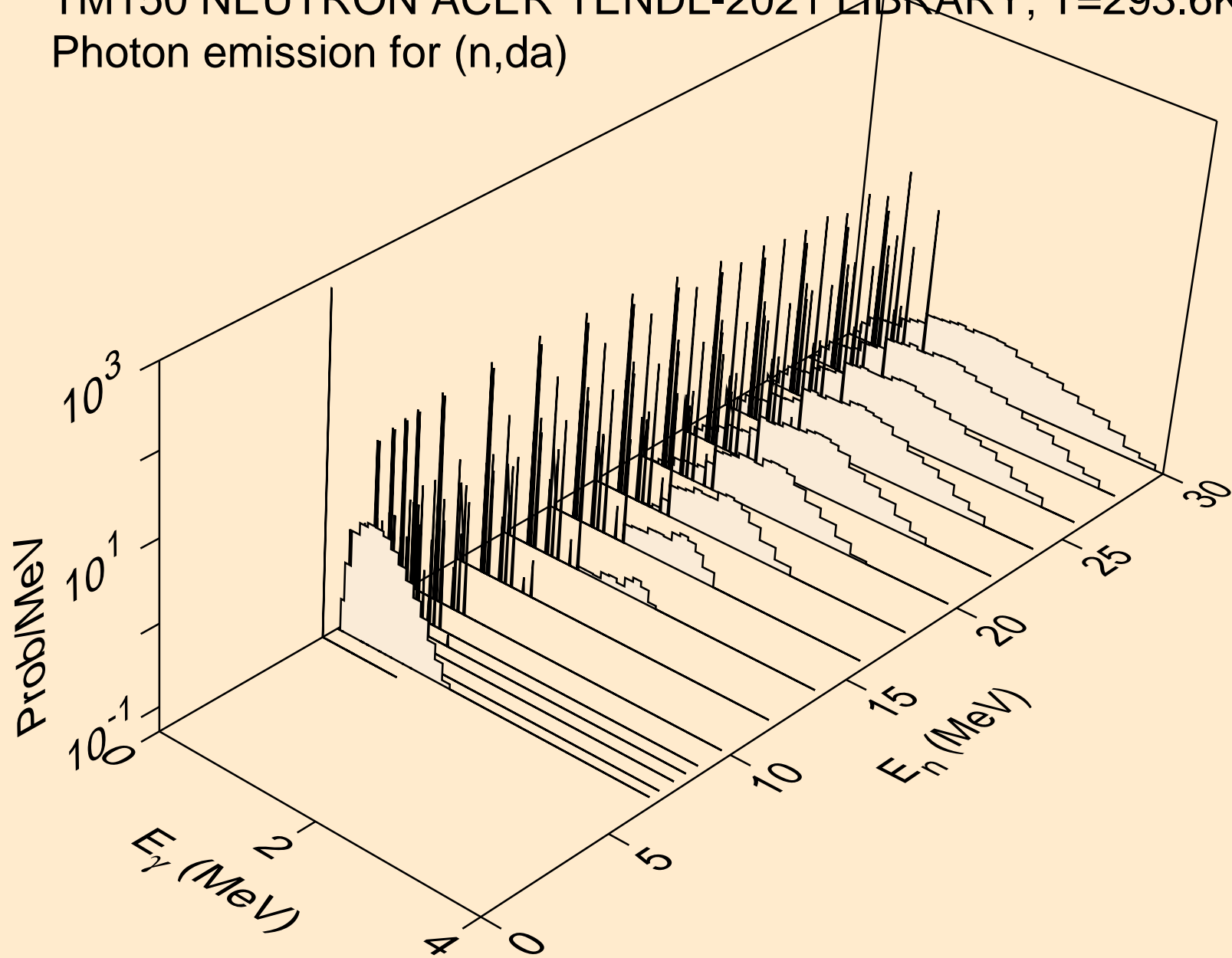


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

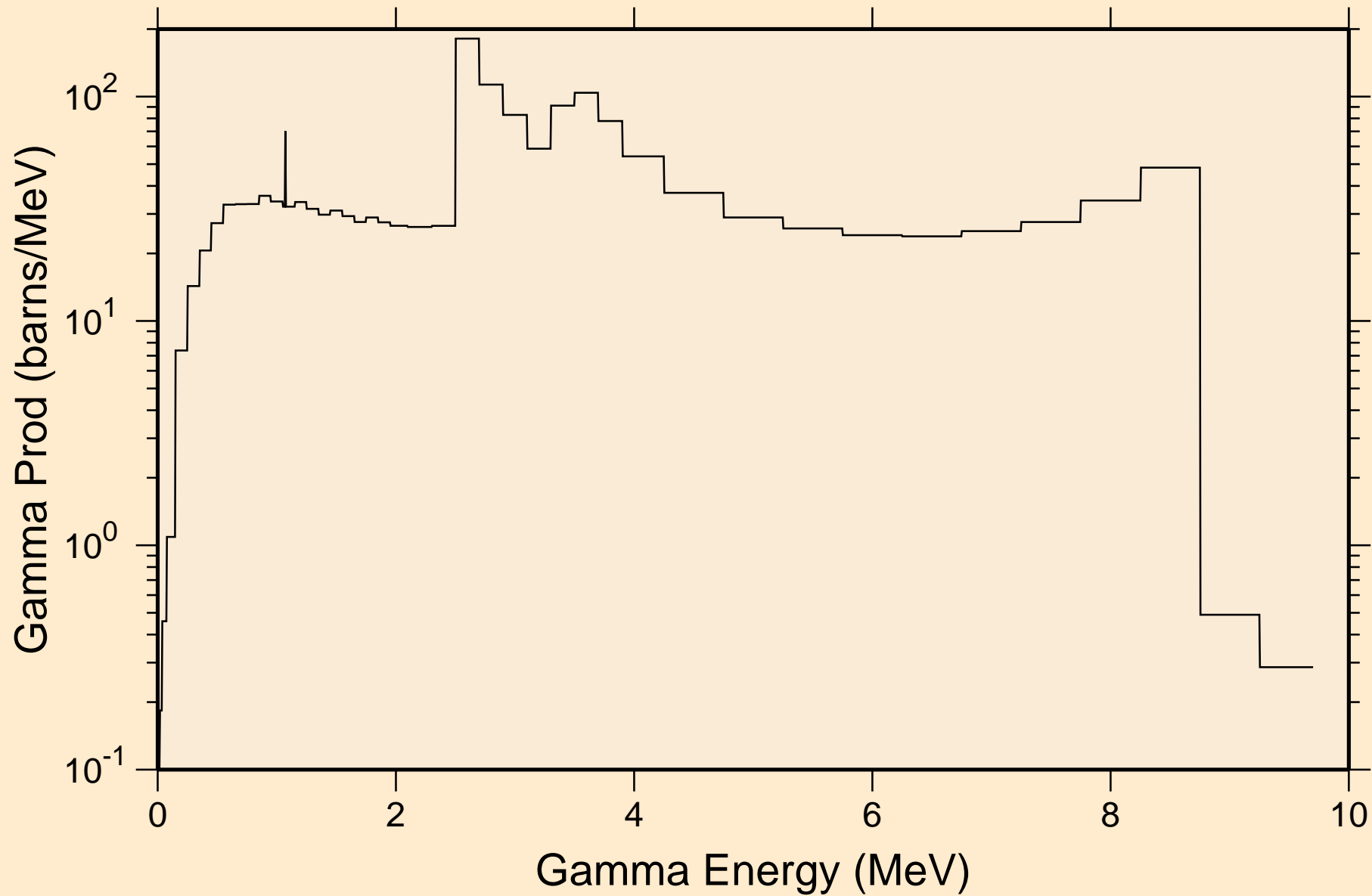




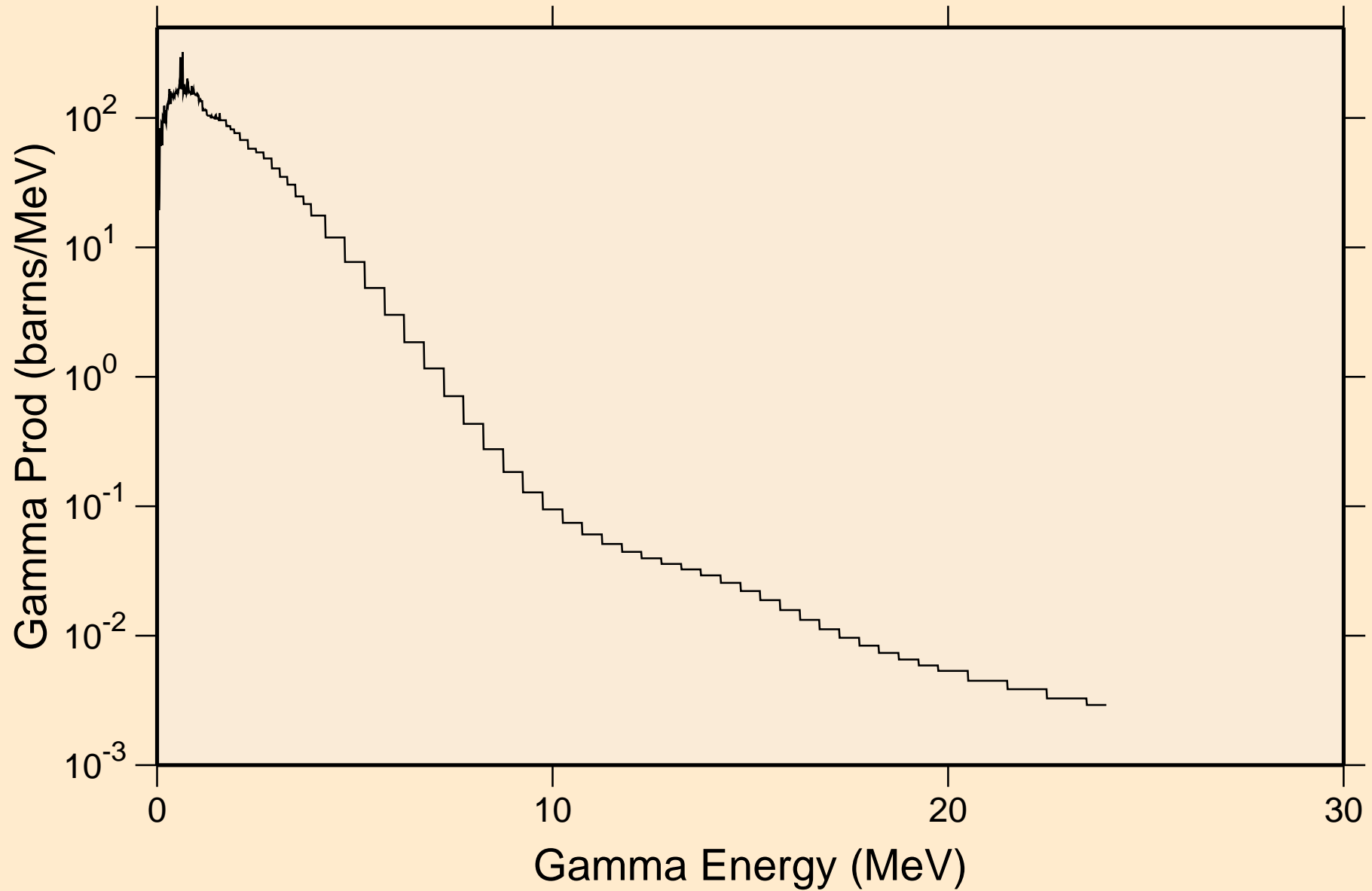
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

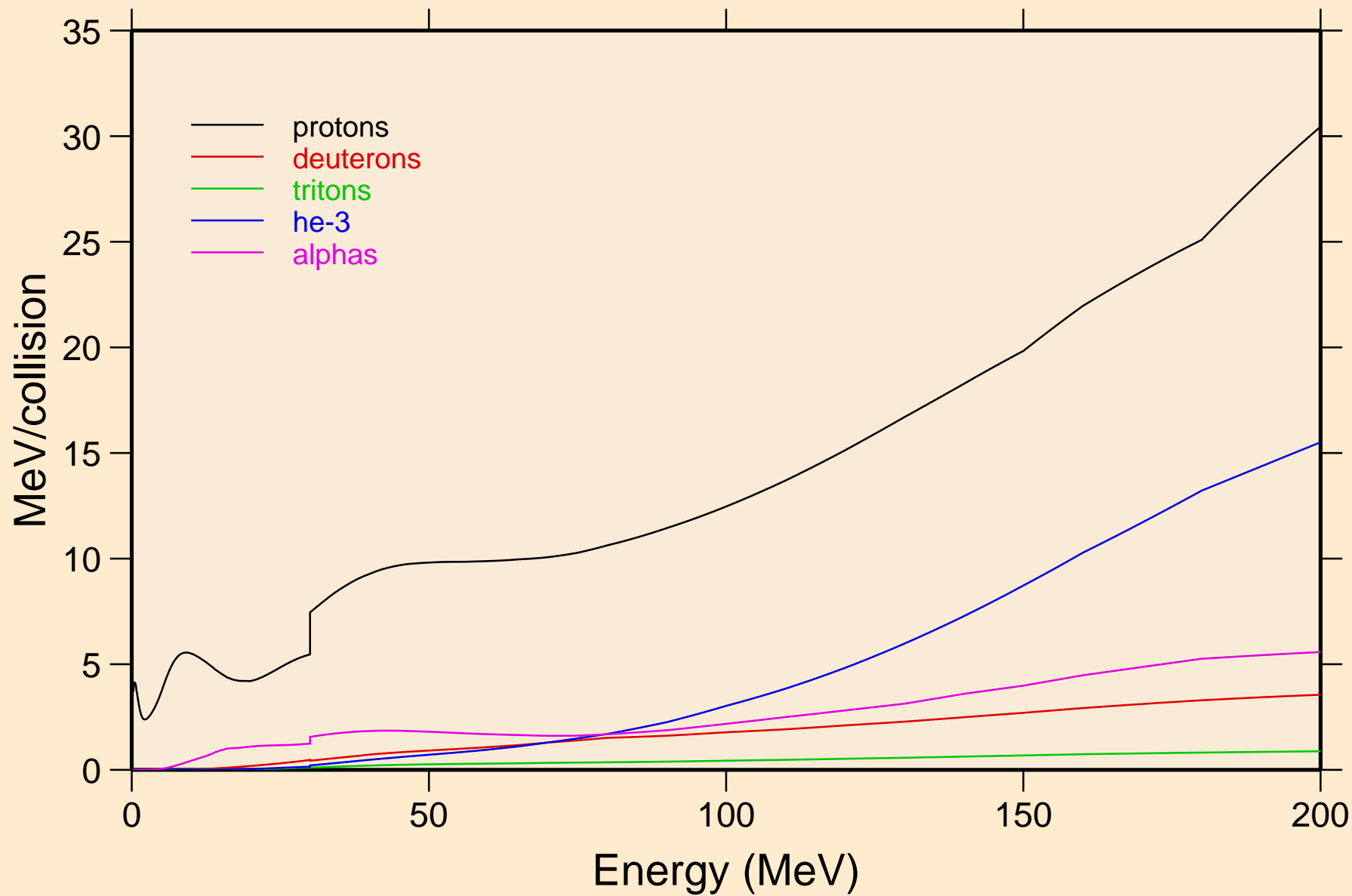


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

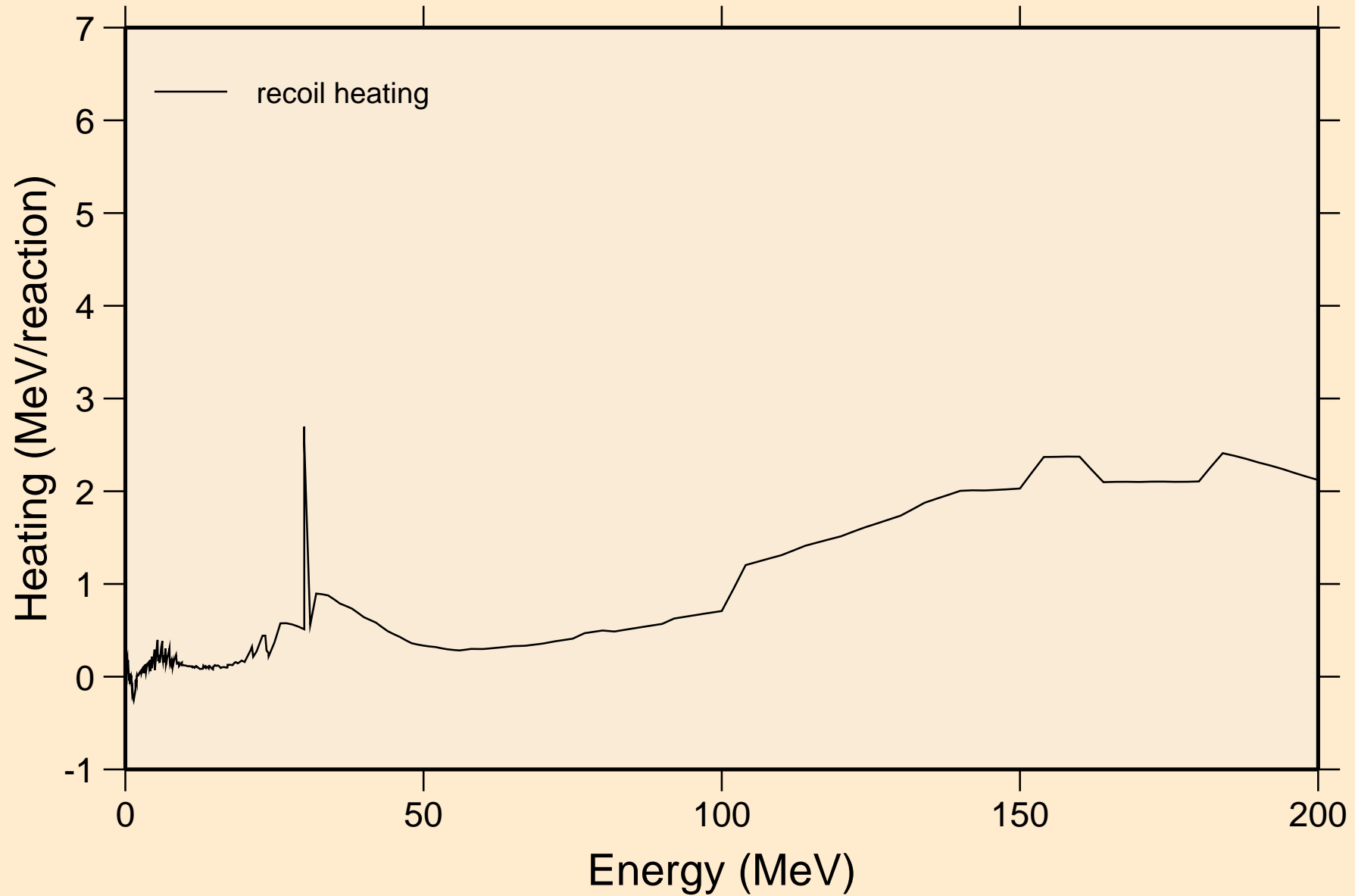


# TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

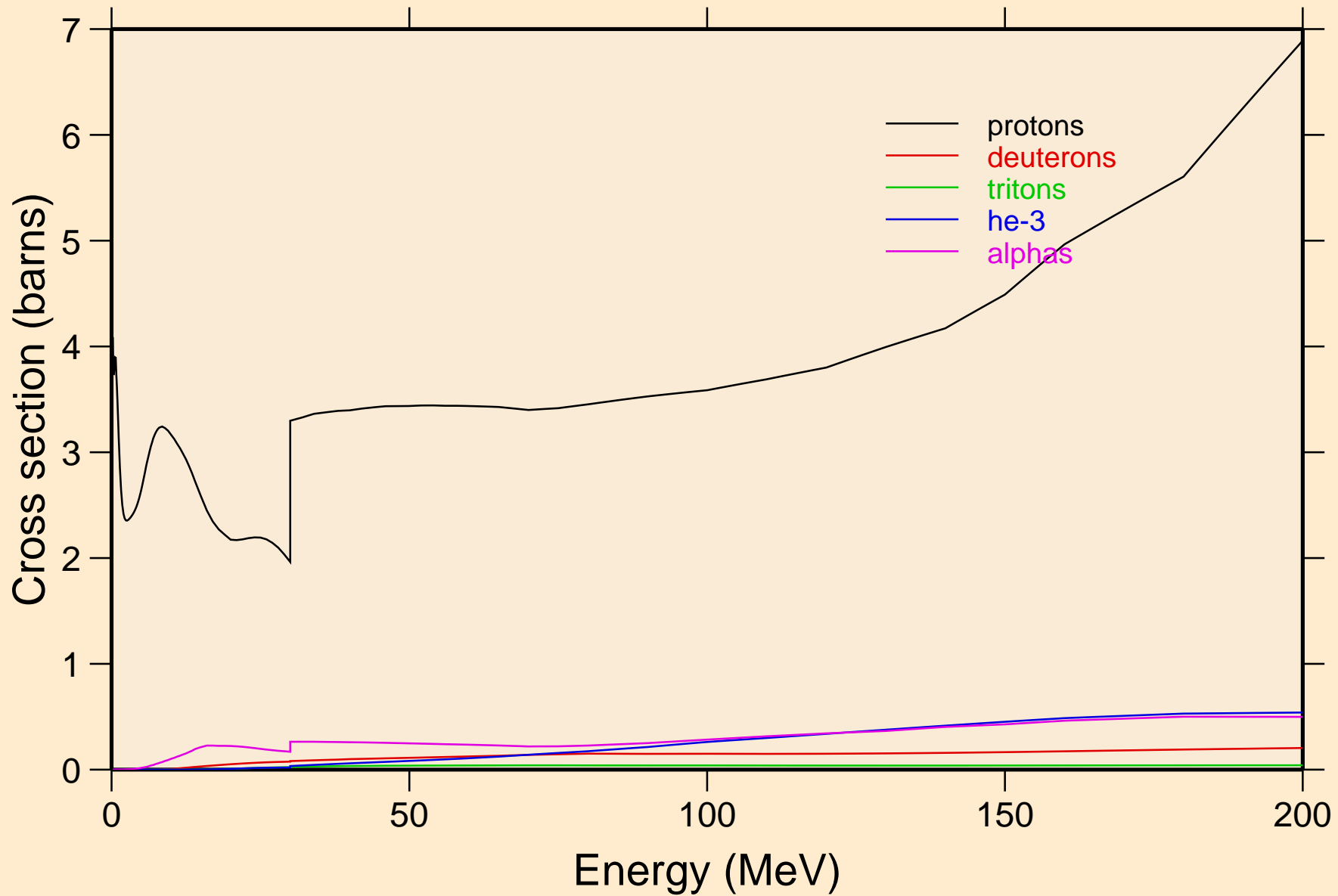
## Particle heating contributions



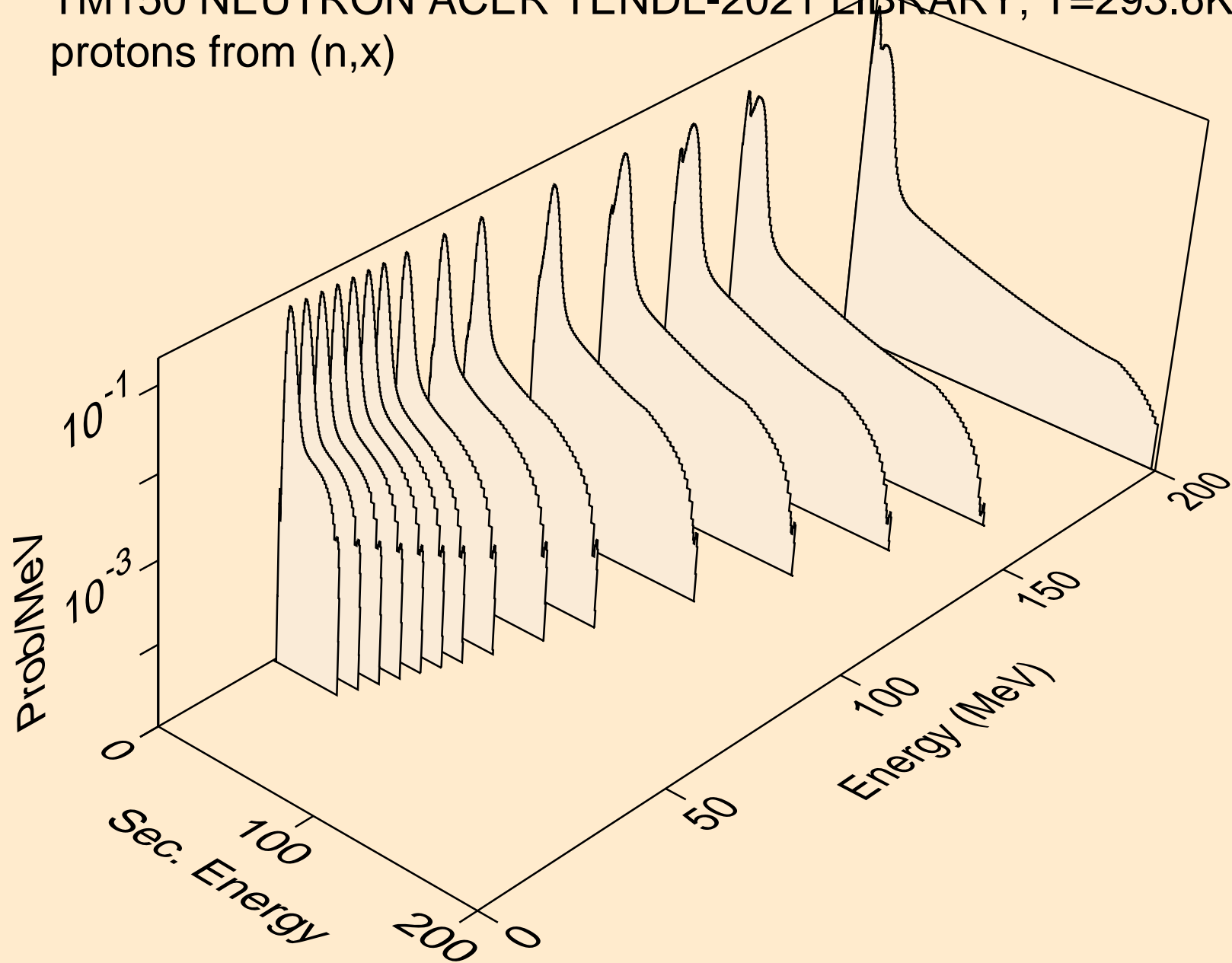
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



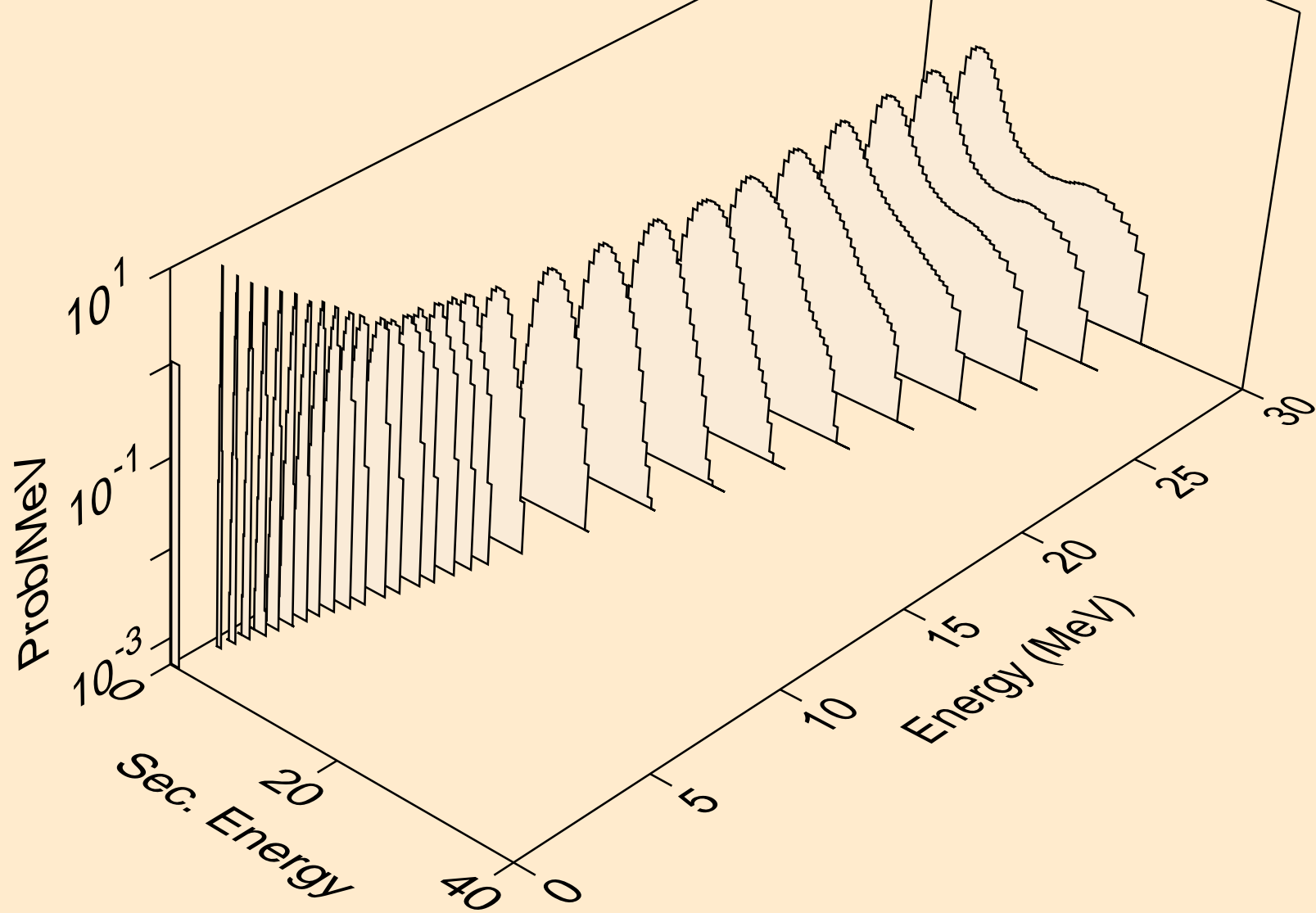
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

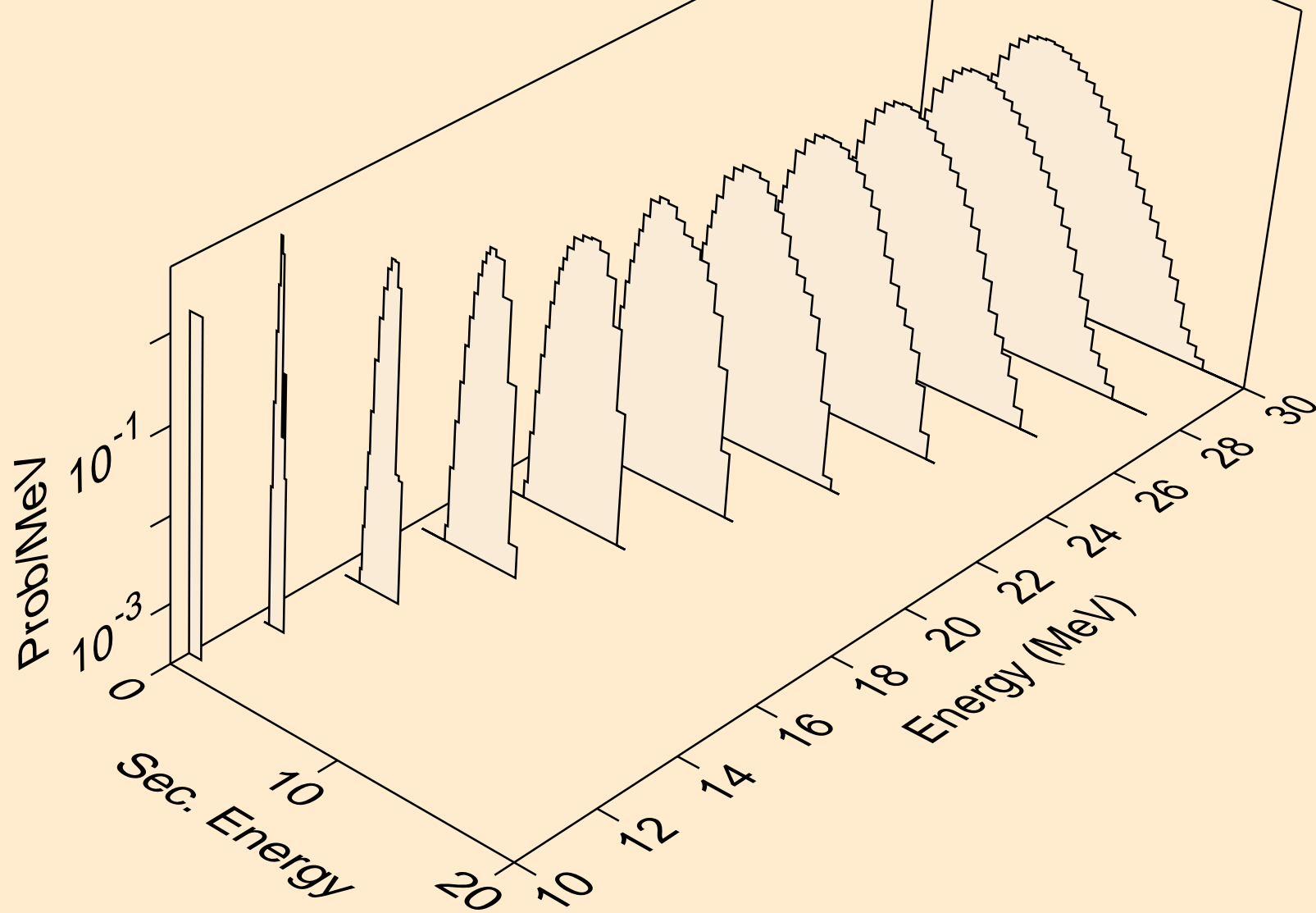


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

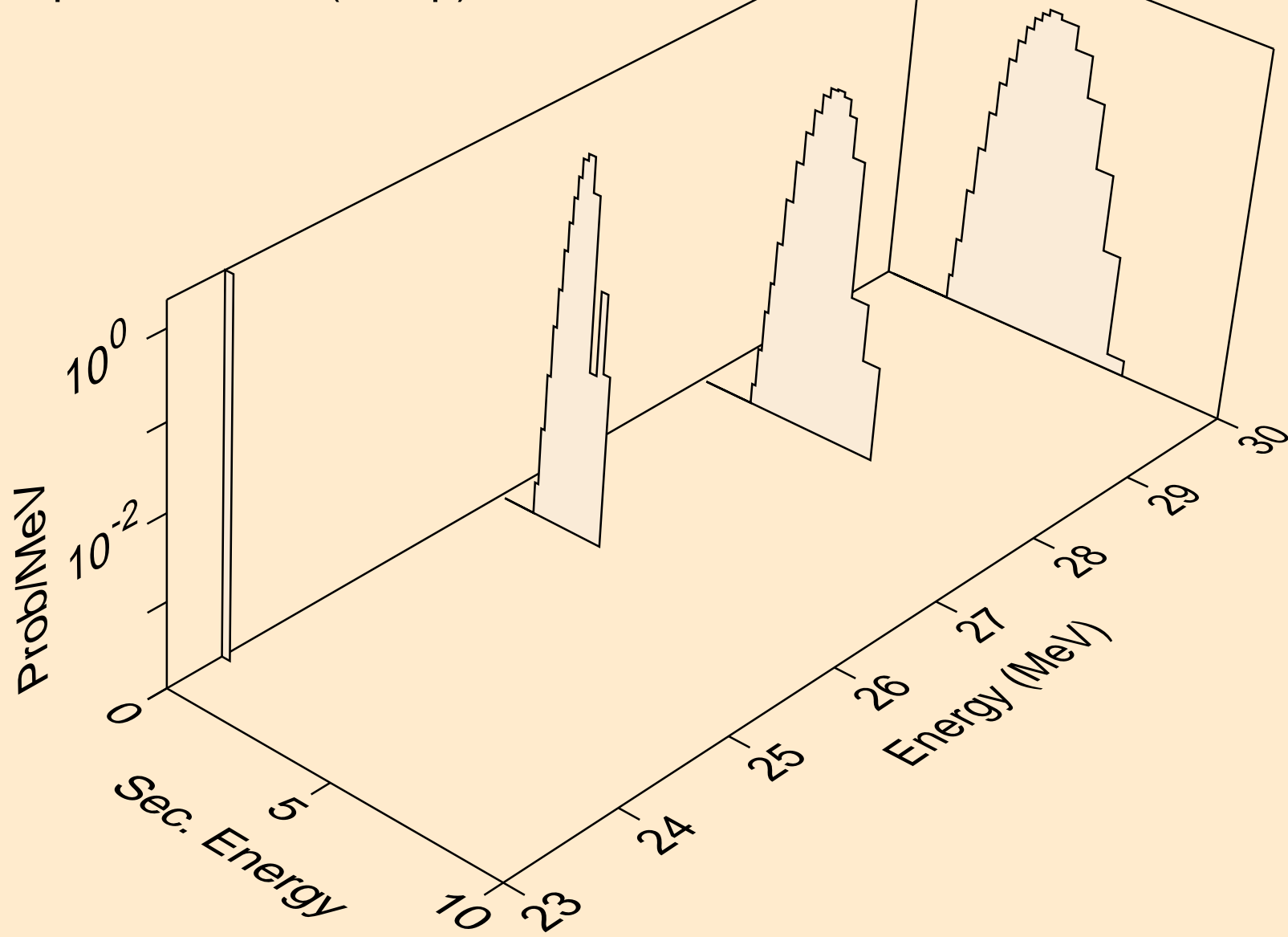




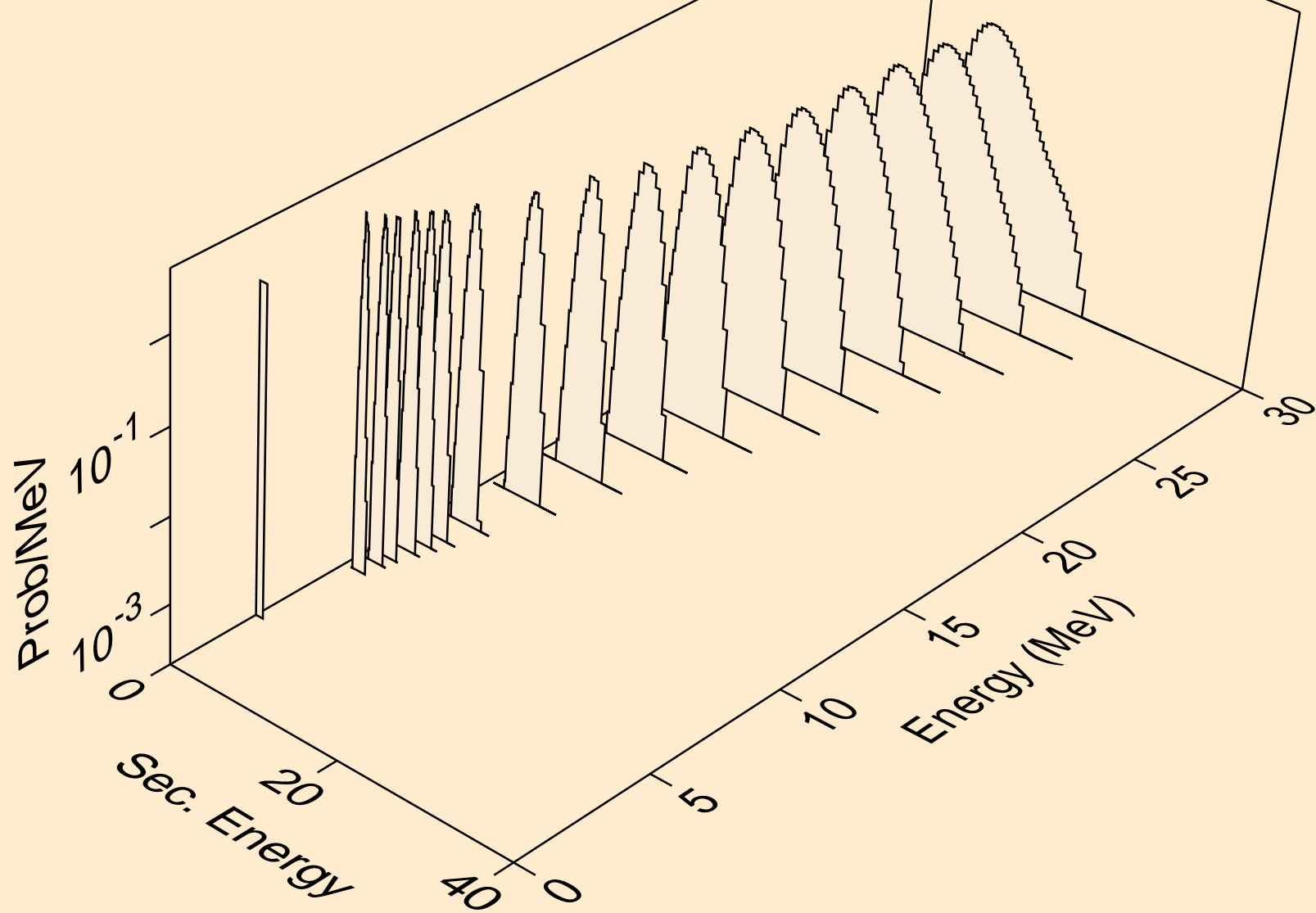
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



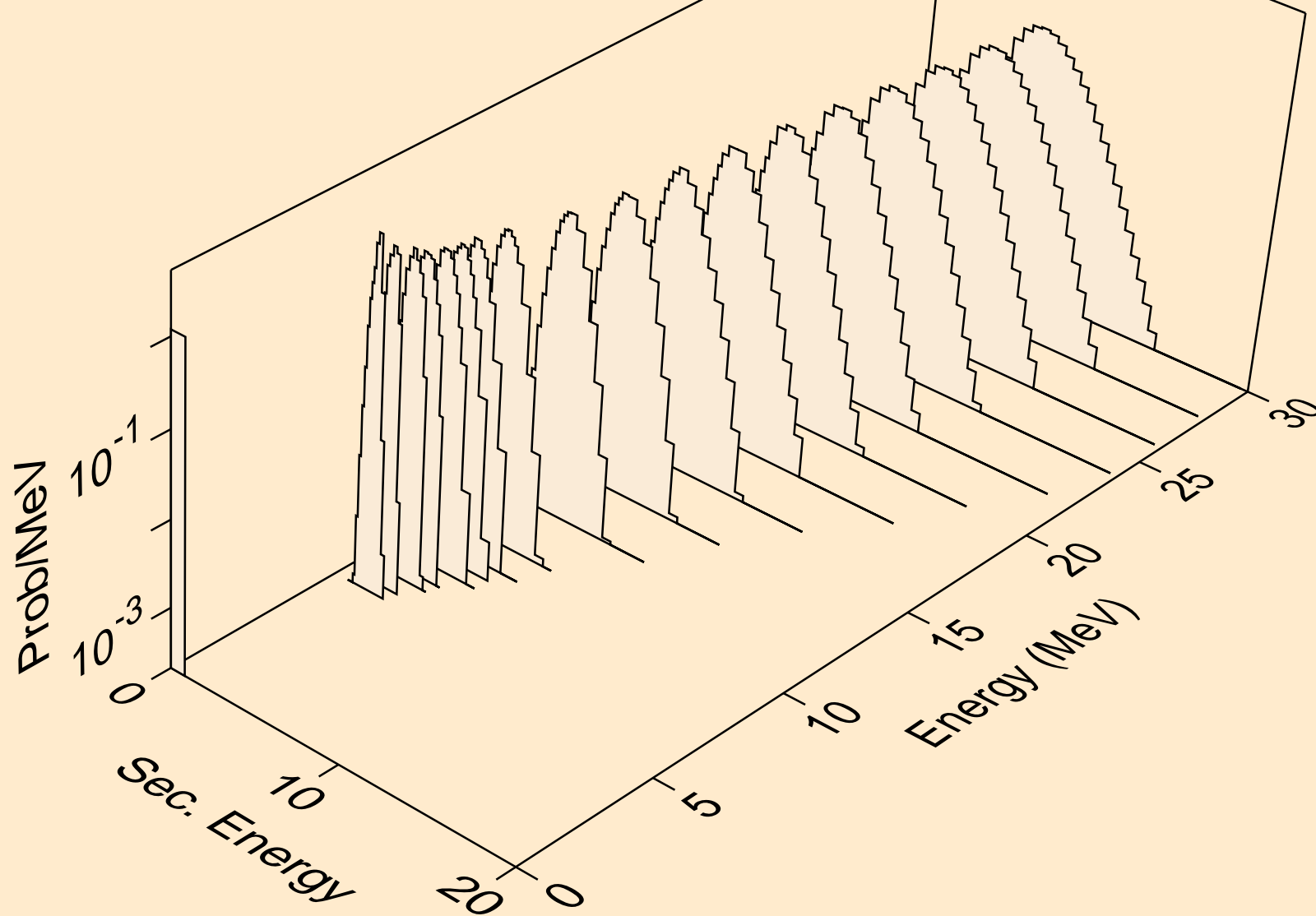
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protons from (n,3np)



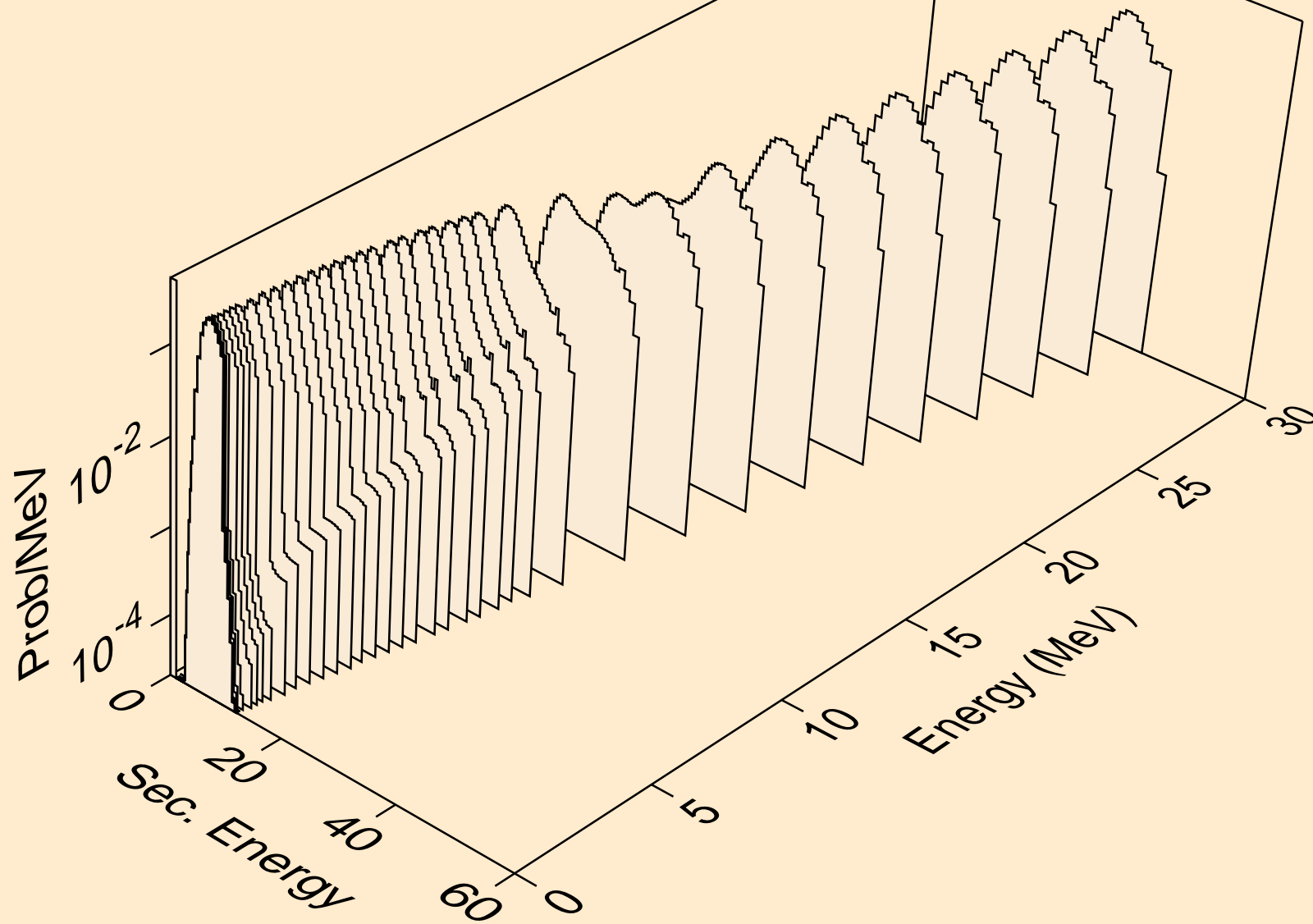
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protons from (n,2np)



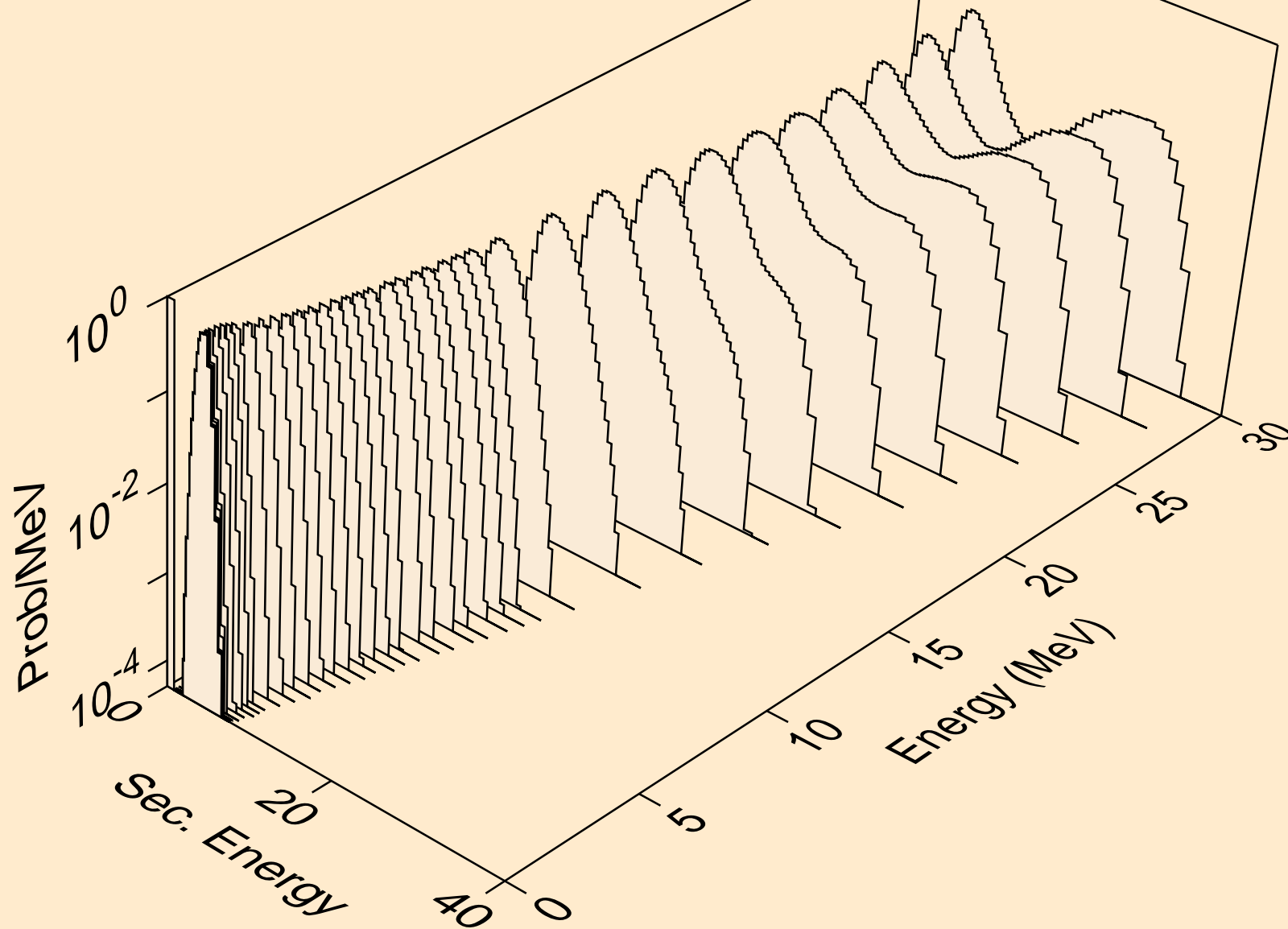
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protons from (n,npa)



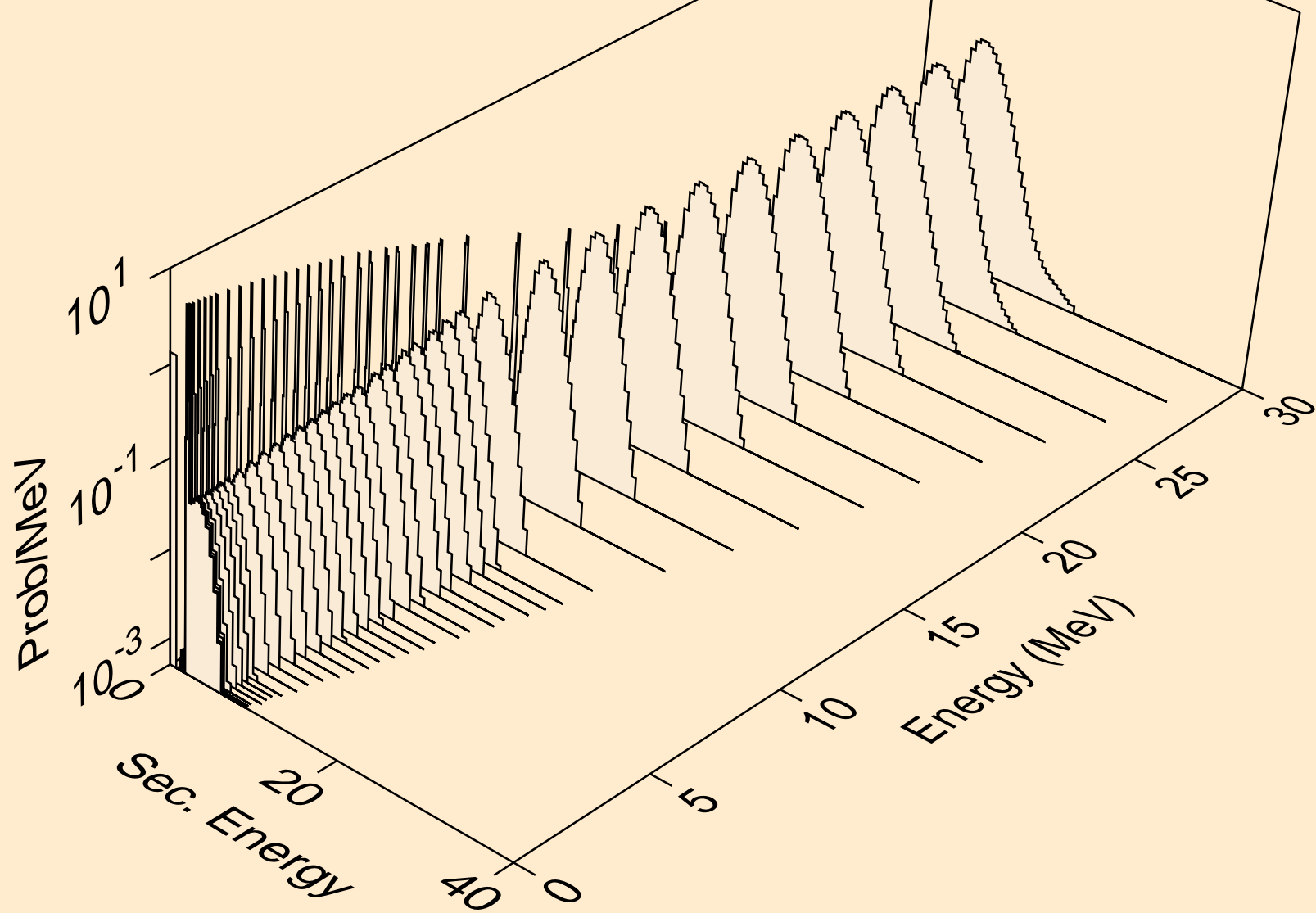
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protons from (n,p)



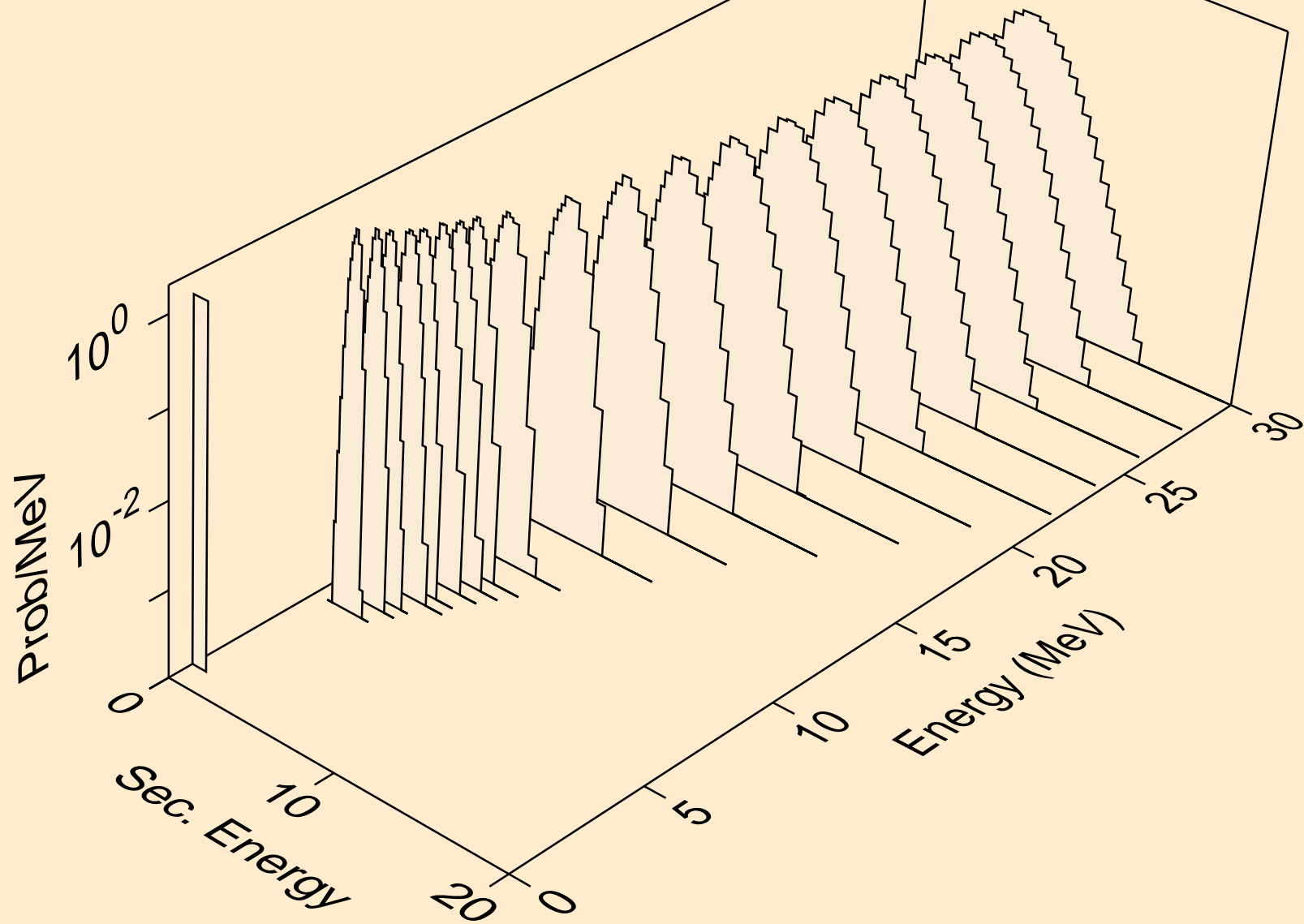
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

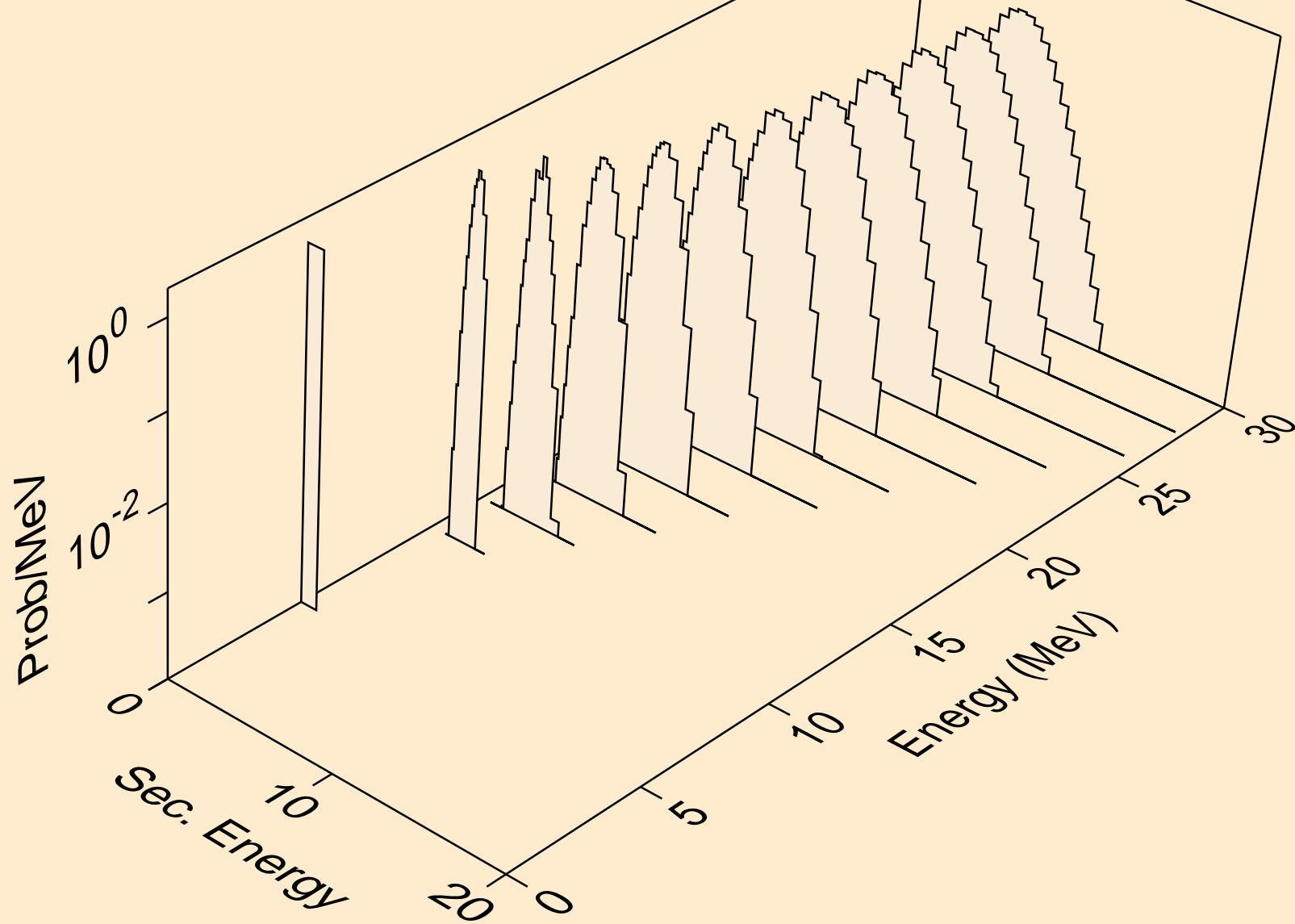


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

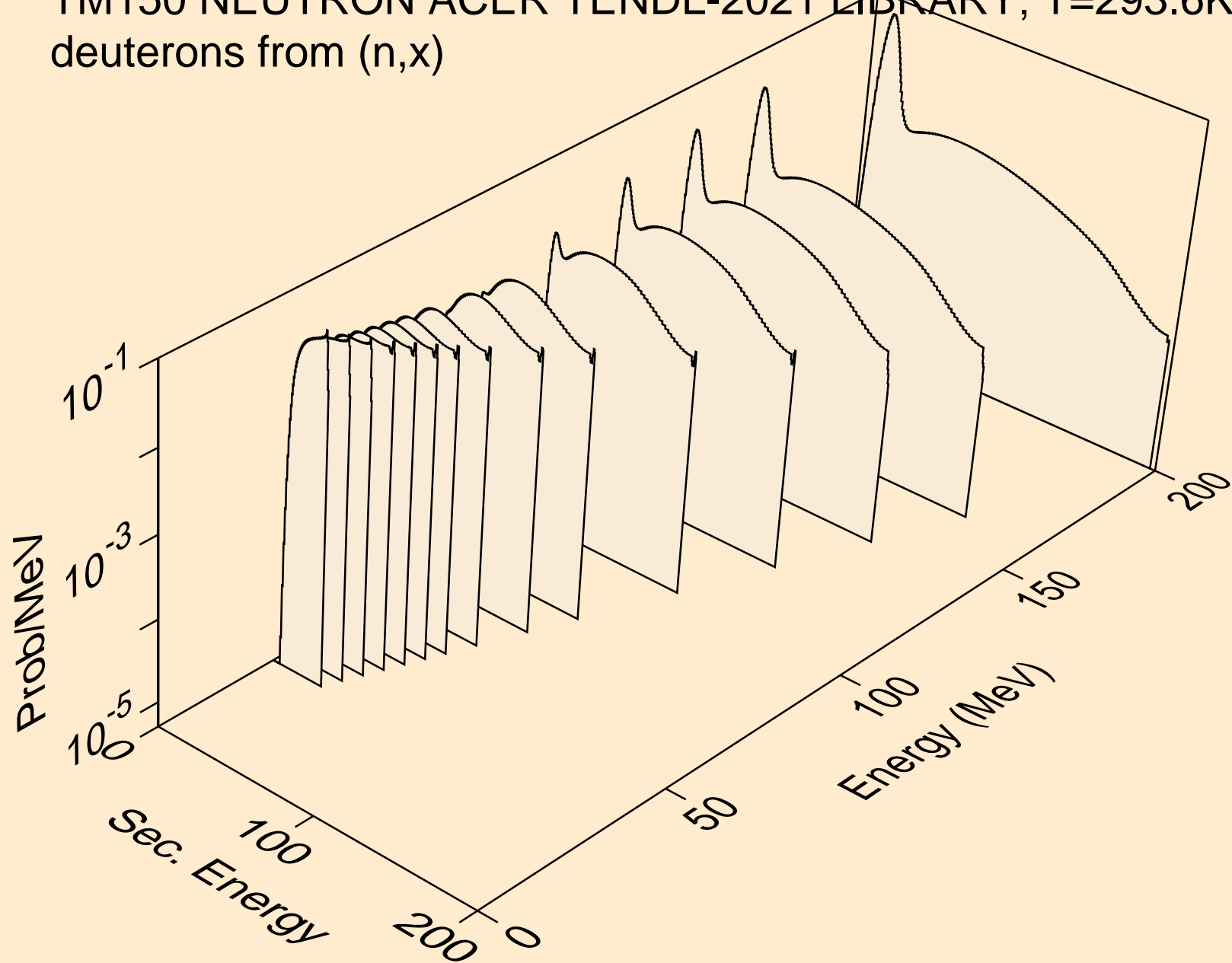




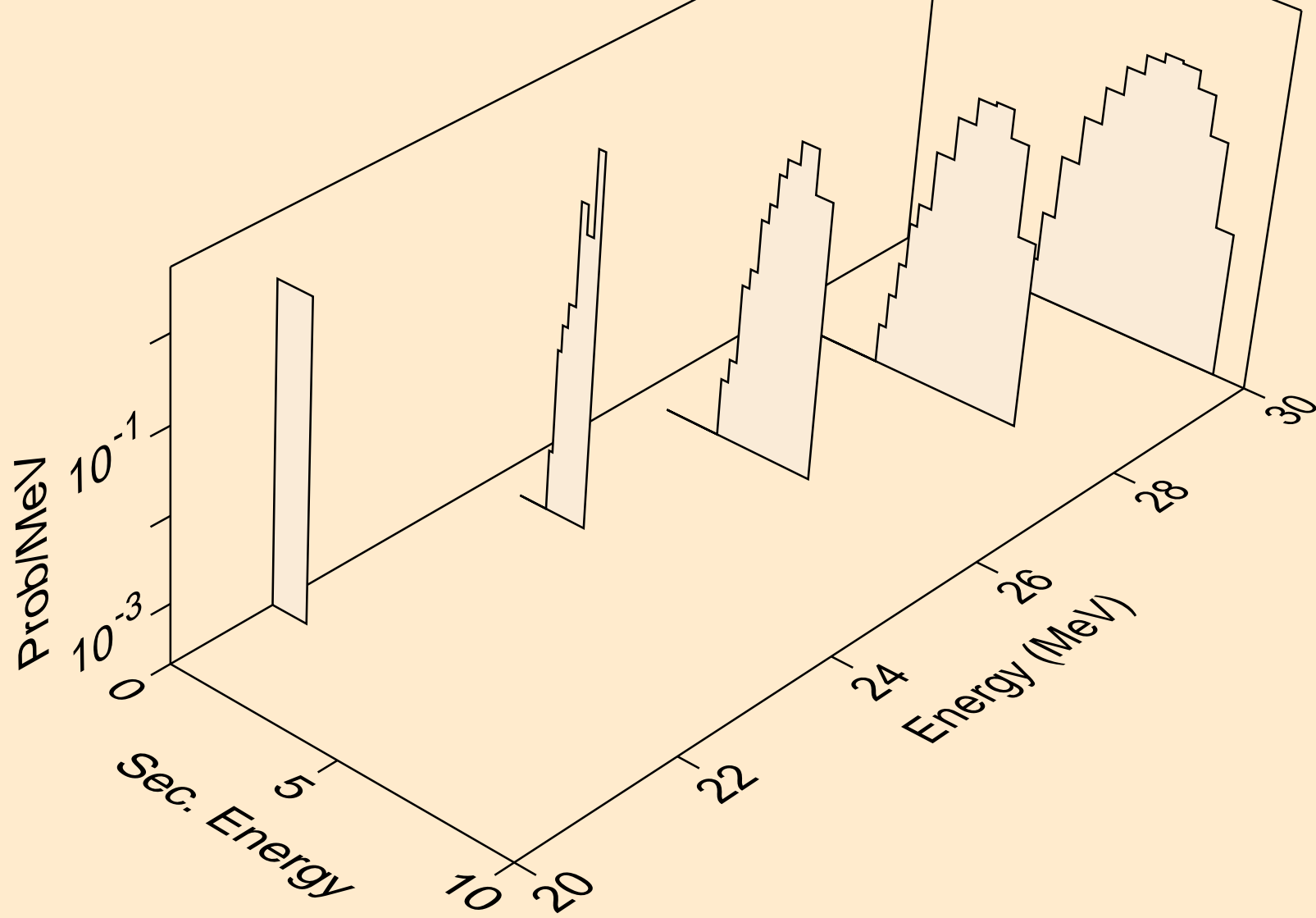
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



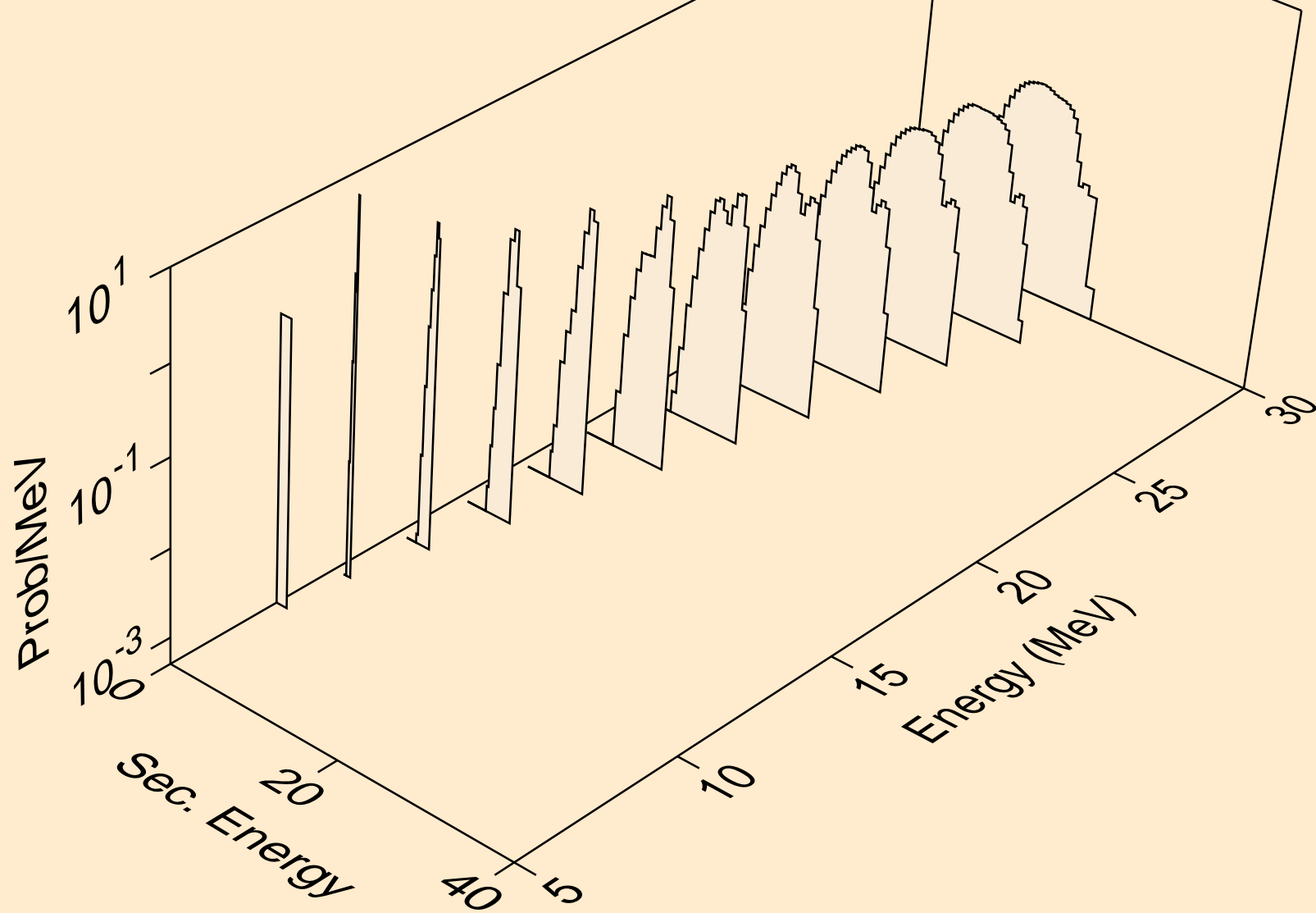
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deuterons from (n,x)



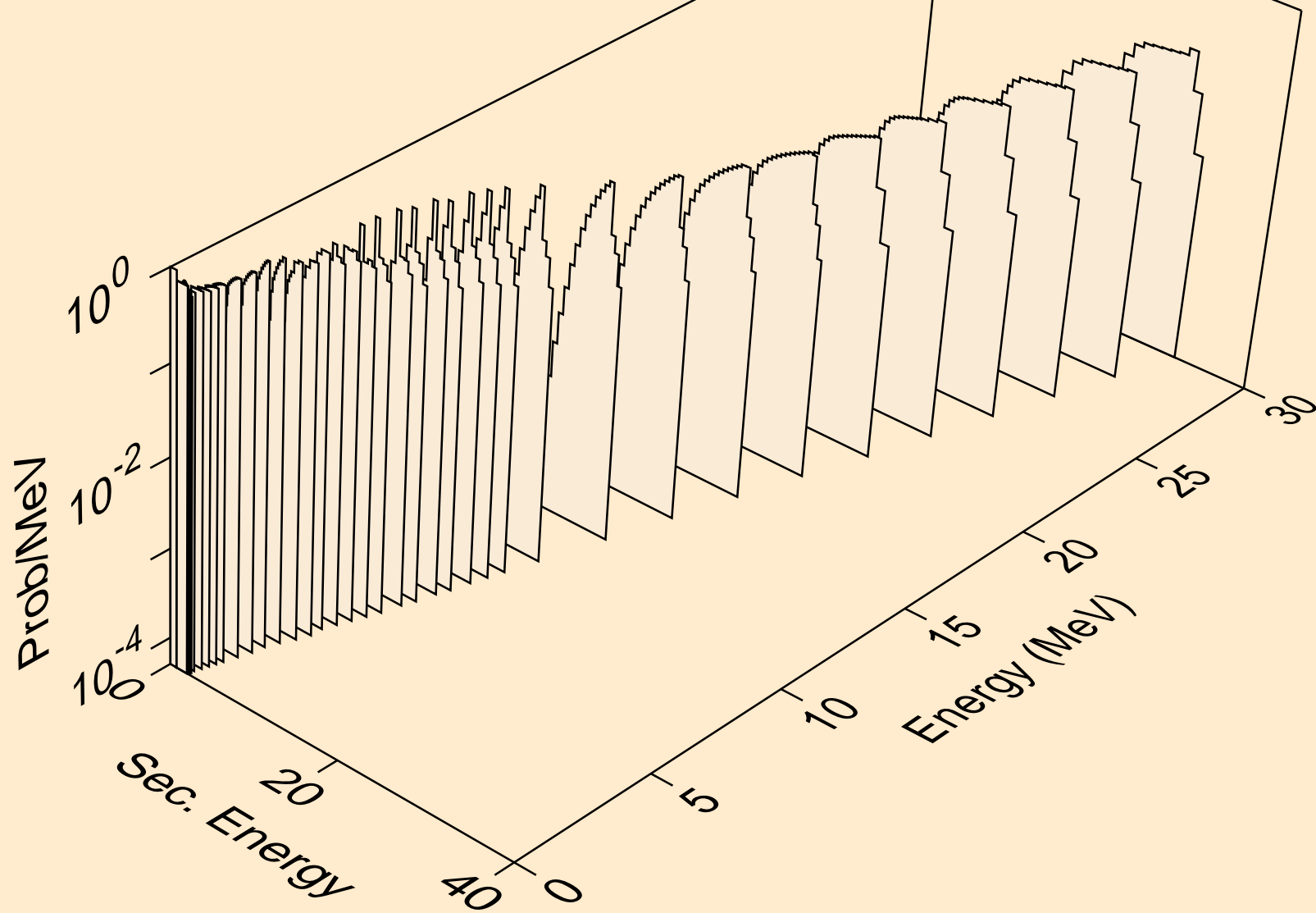
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deuterons from (n,2nd)



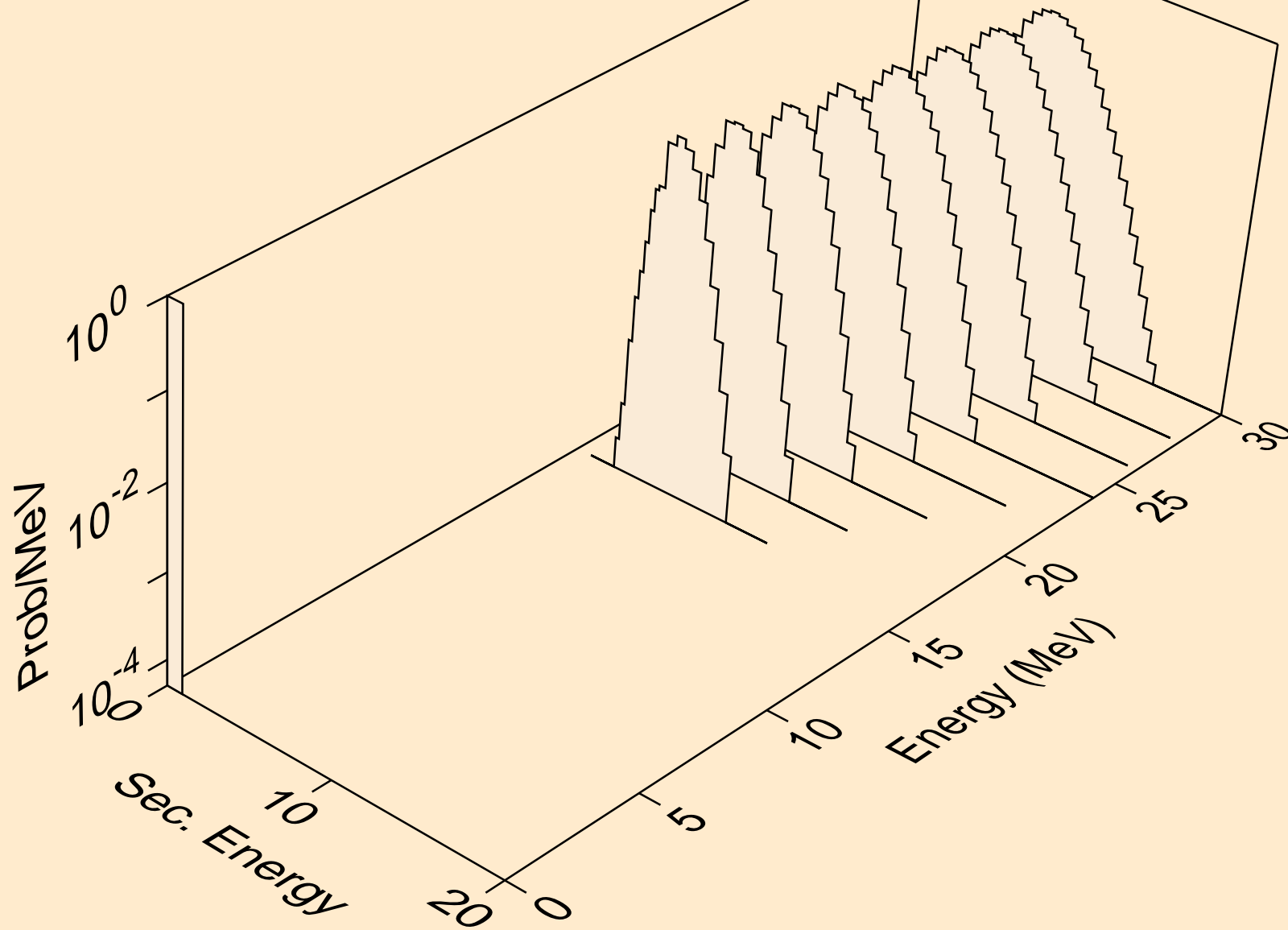
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



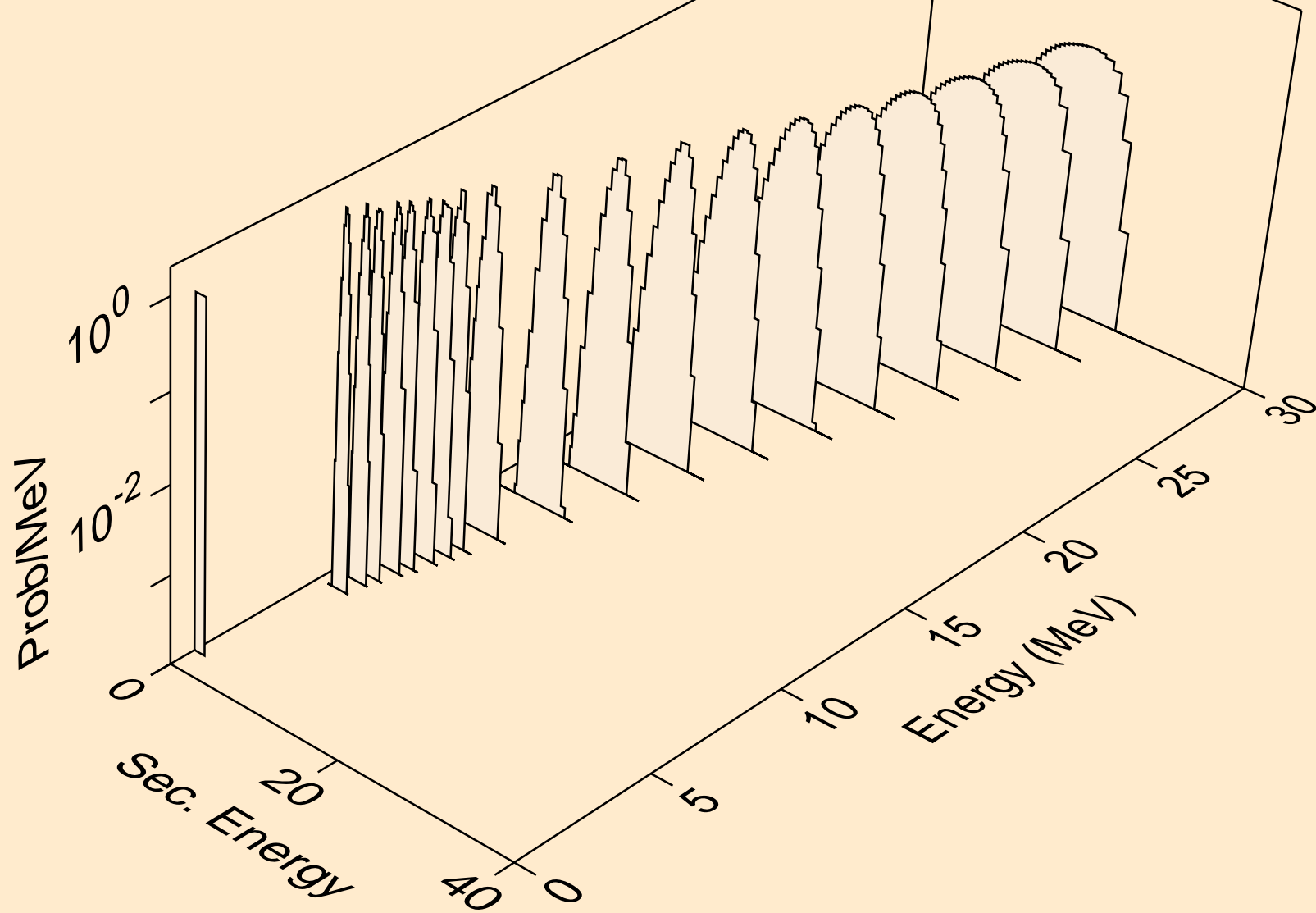
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deuterons from (n,d)



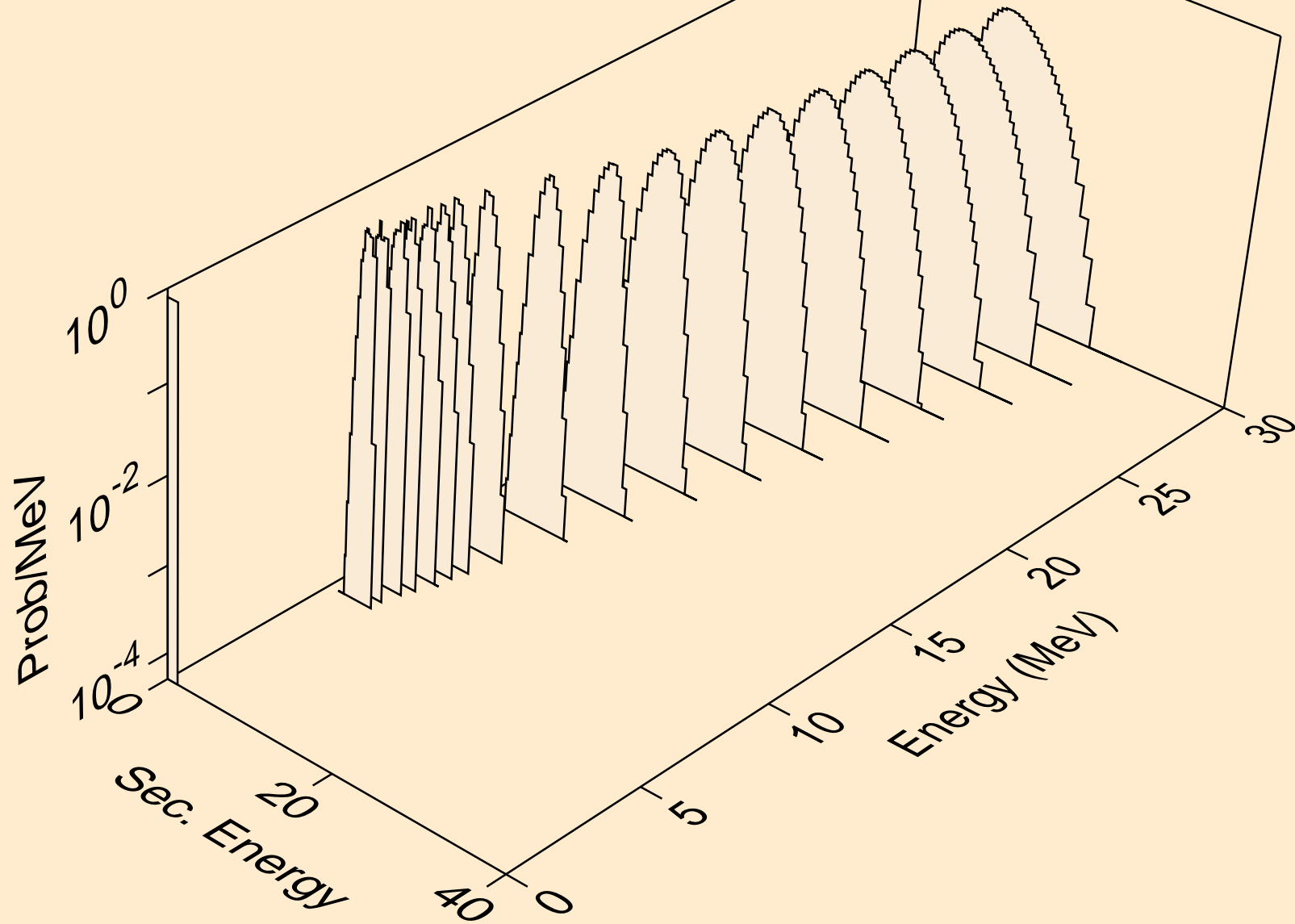
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d2a)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

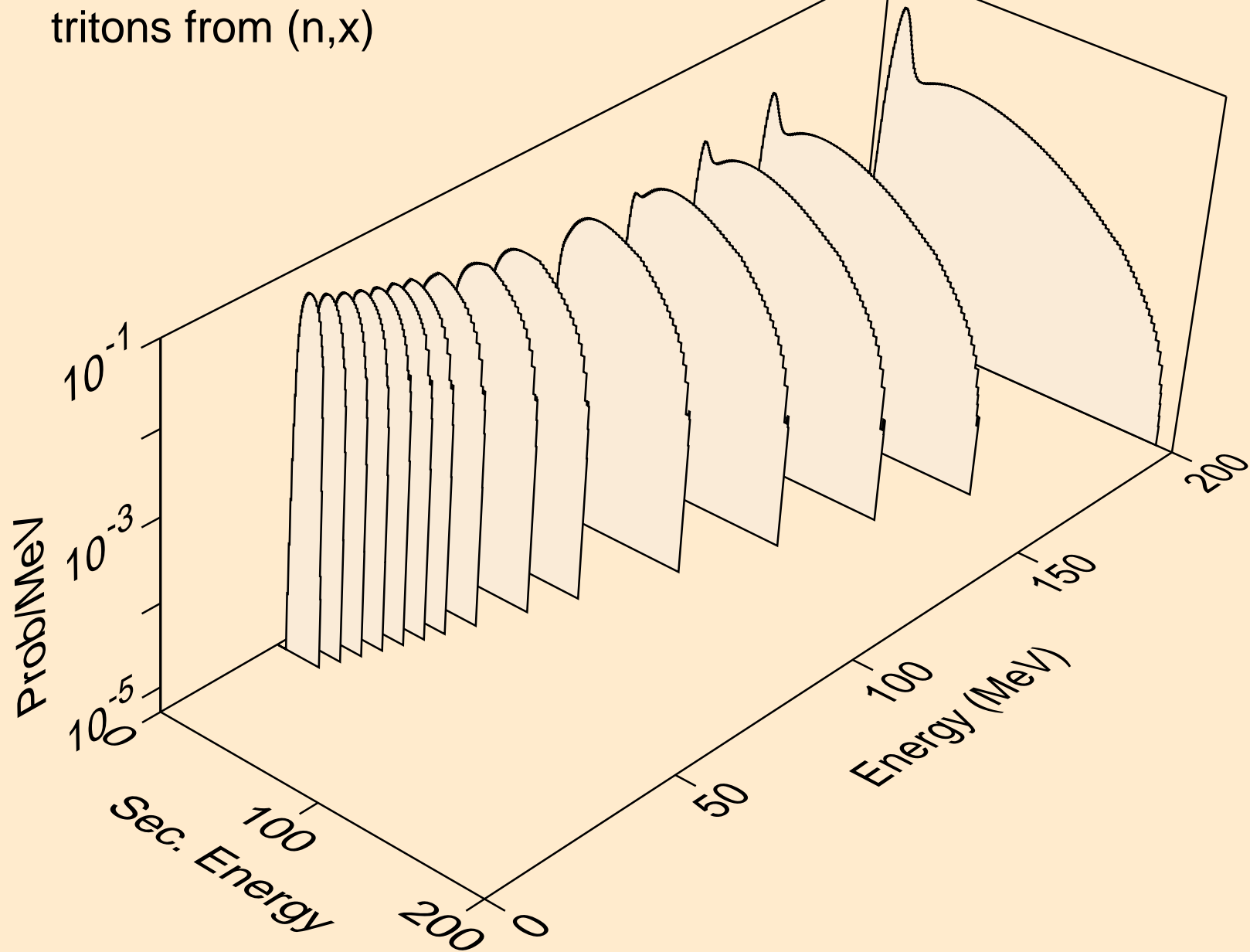


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deuterons from (n,da)

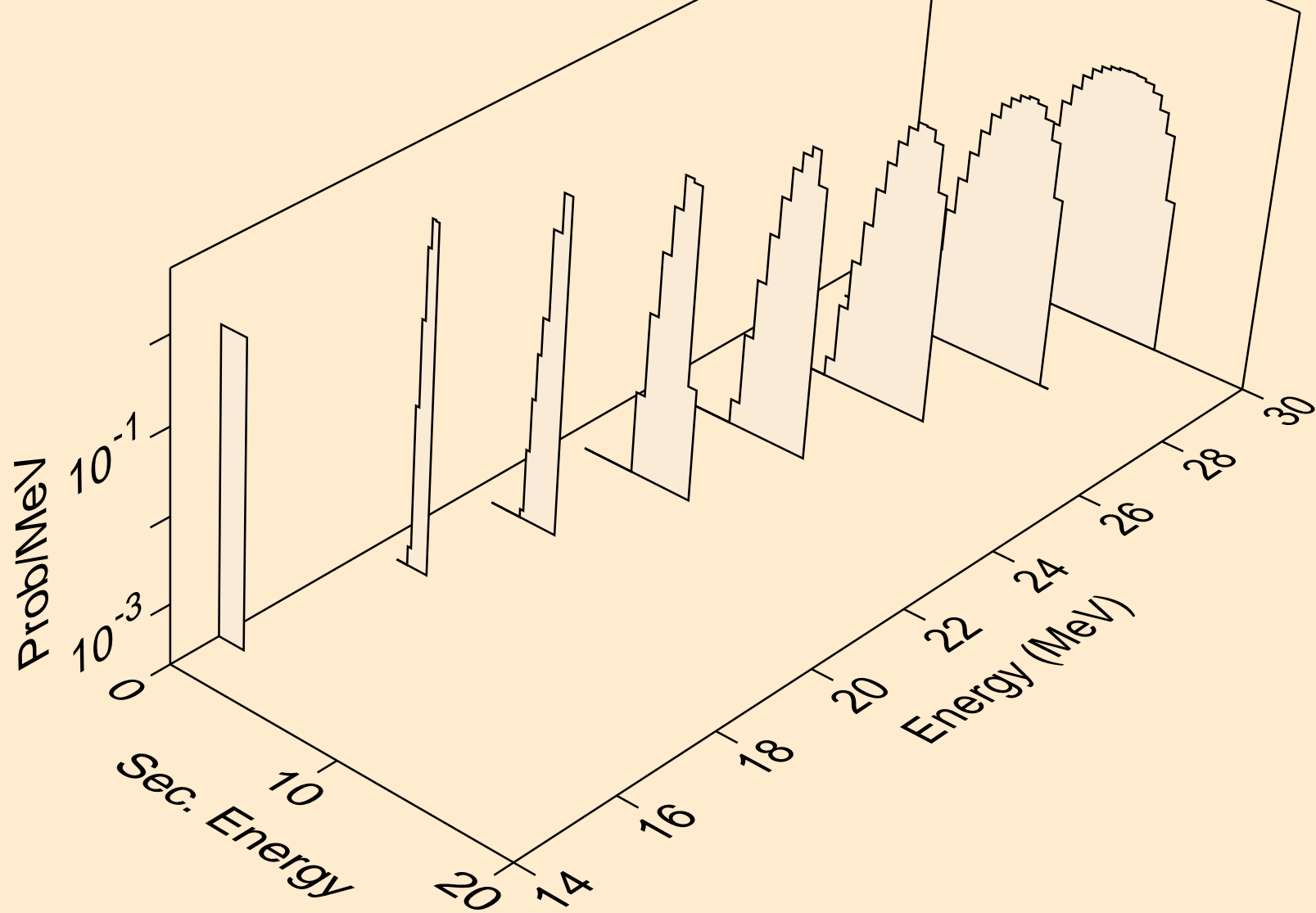




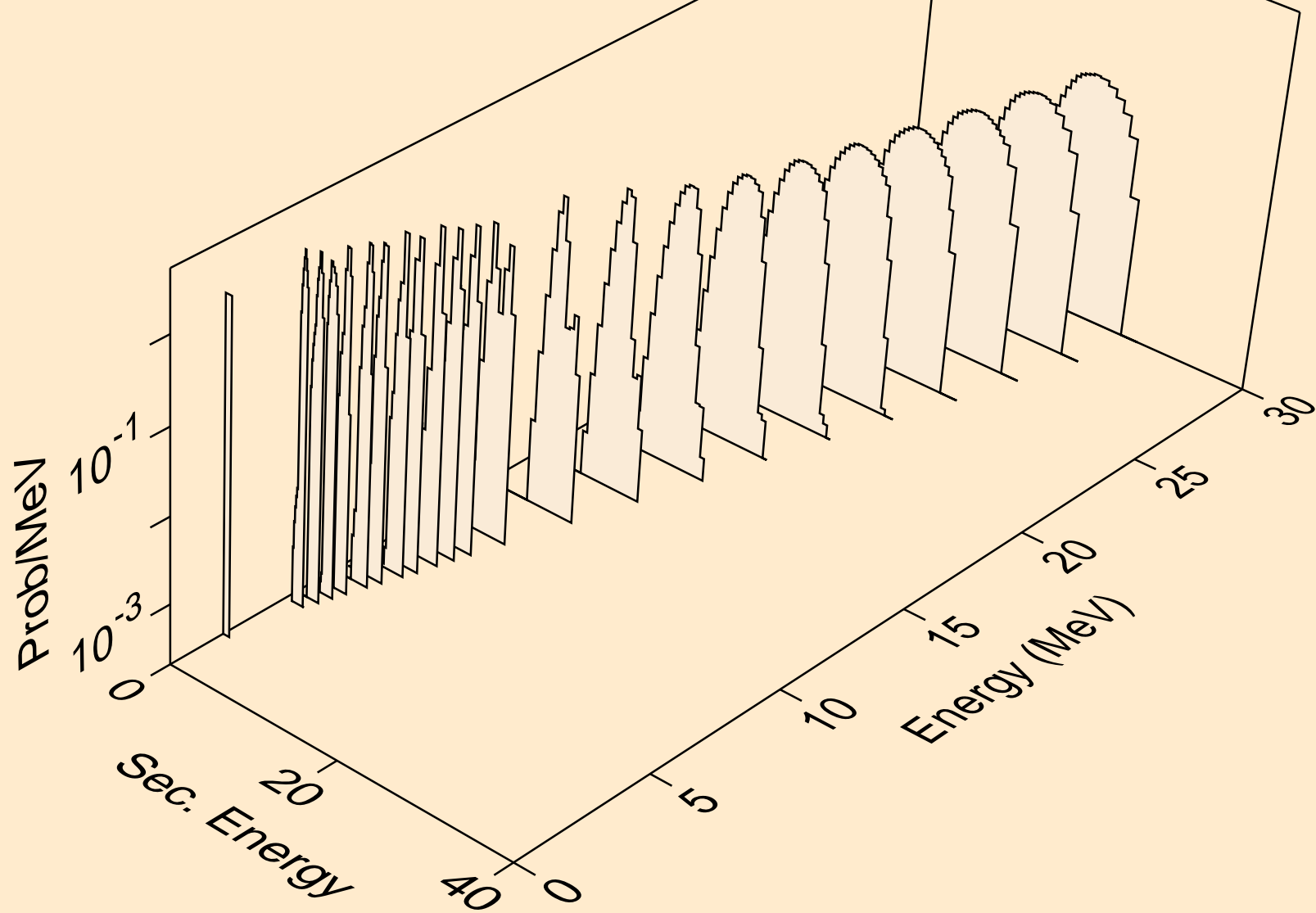
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



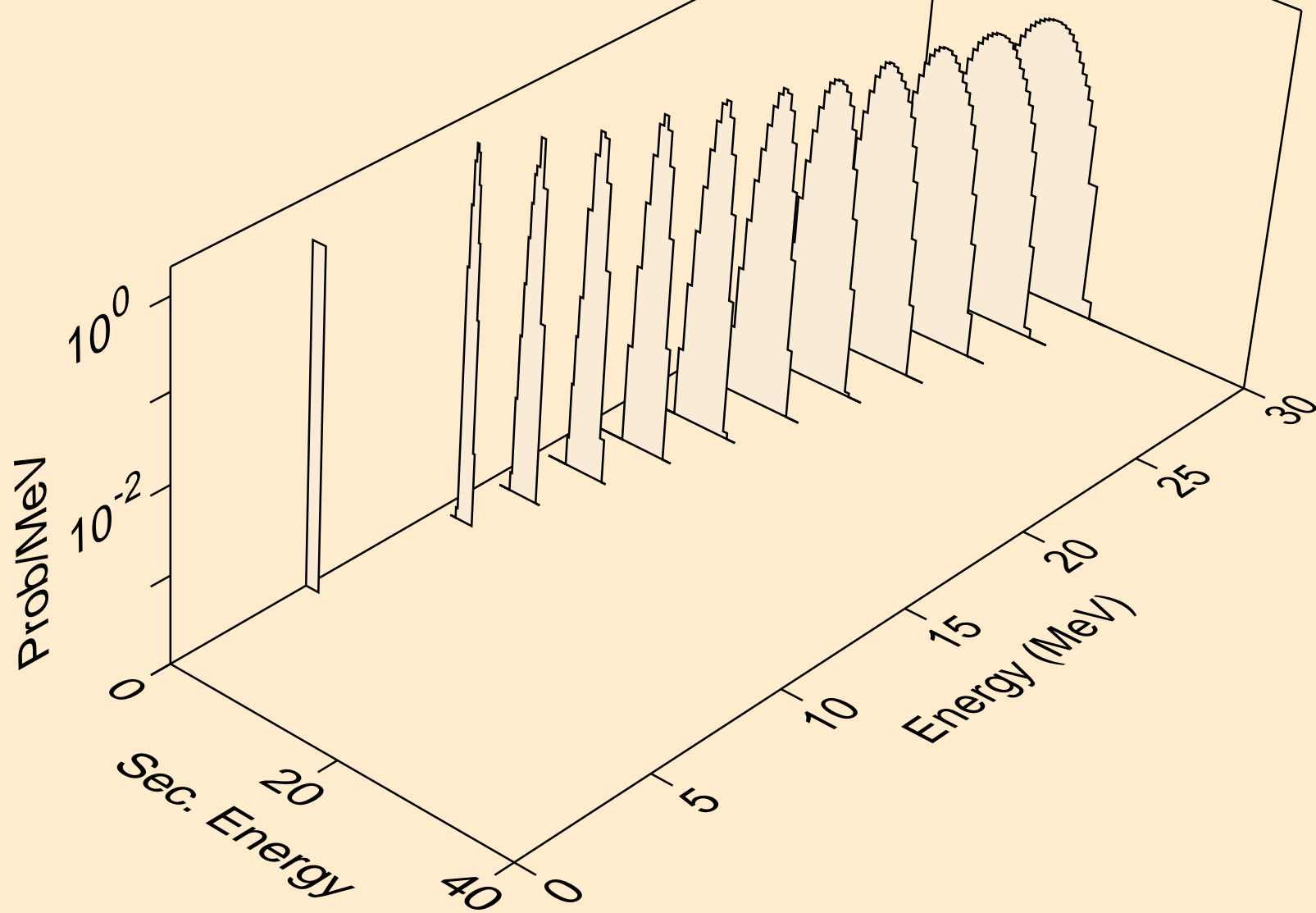
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



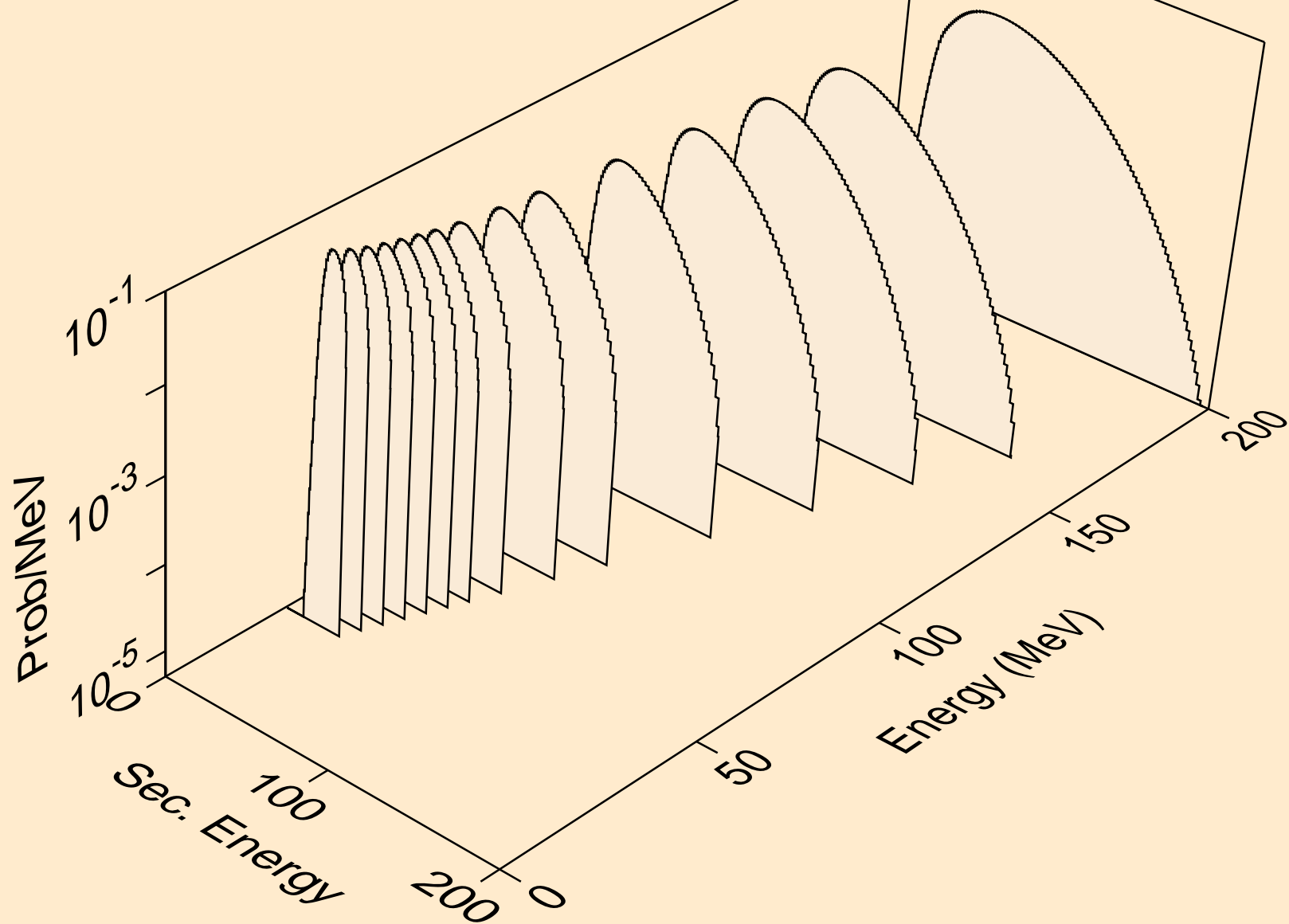
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tritons from (n,t)



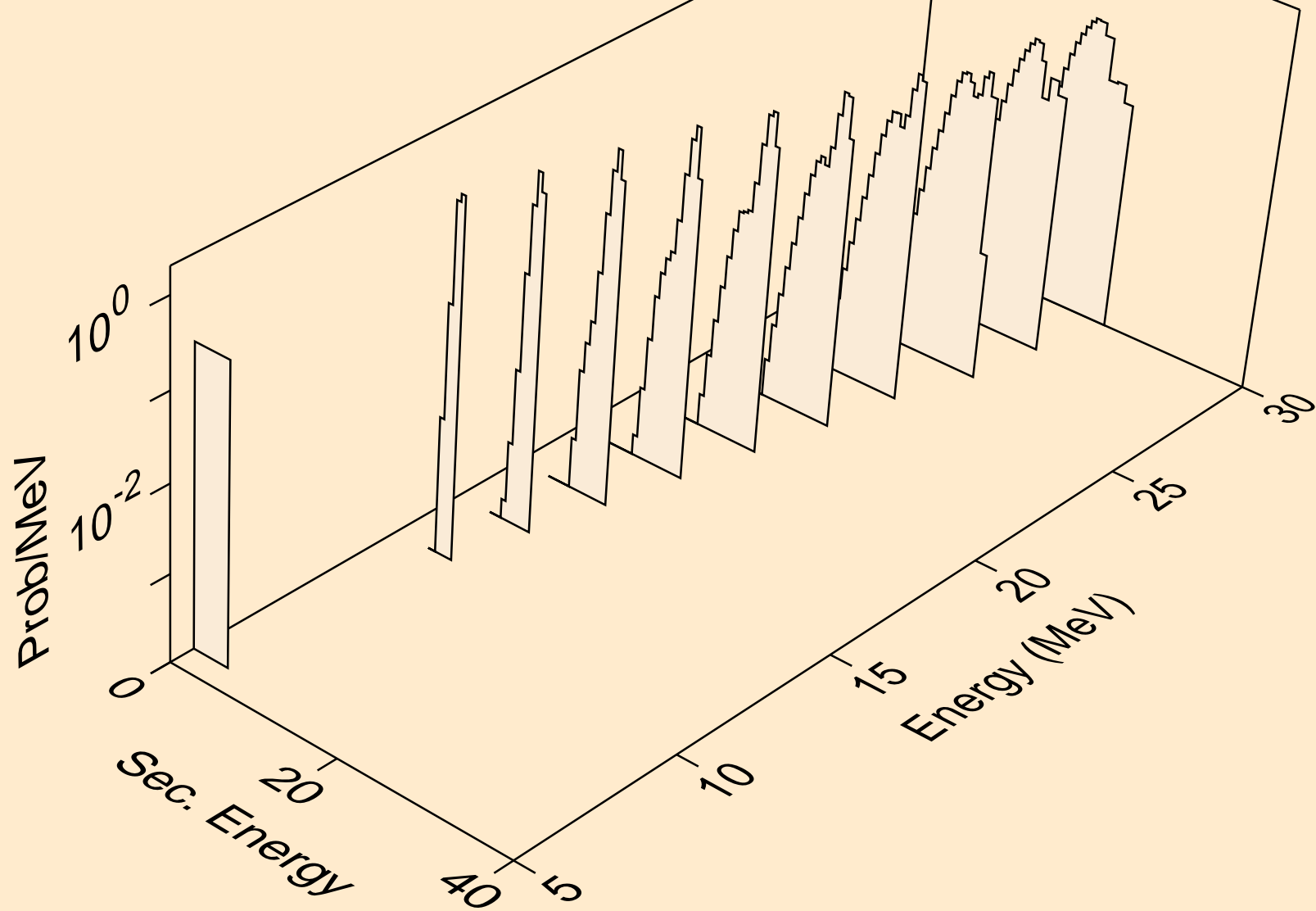
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tritons from (n,pt)



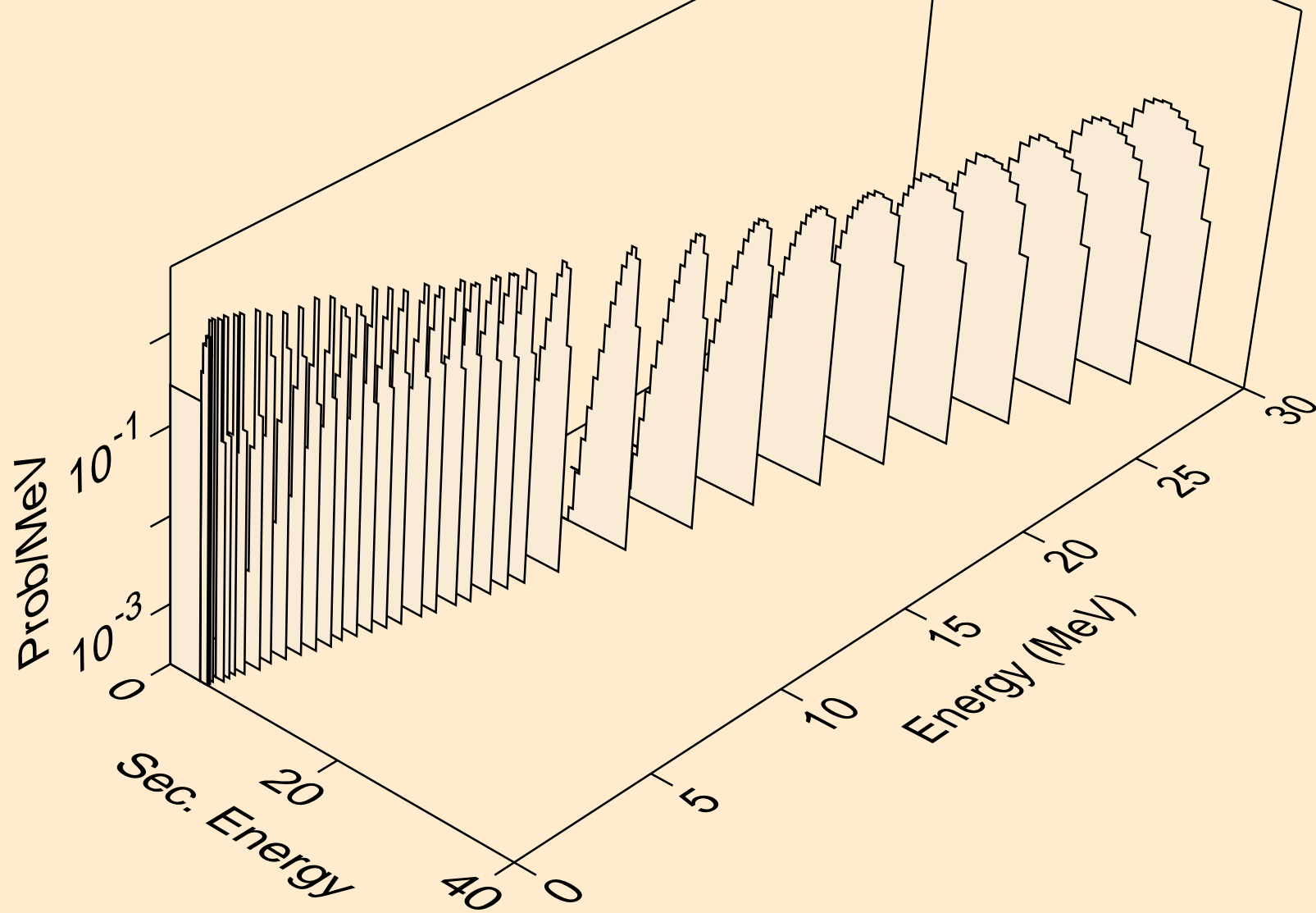
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



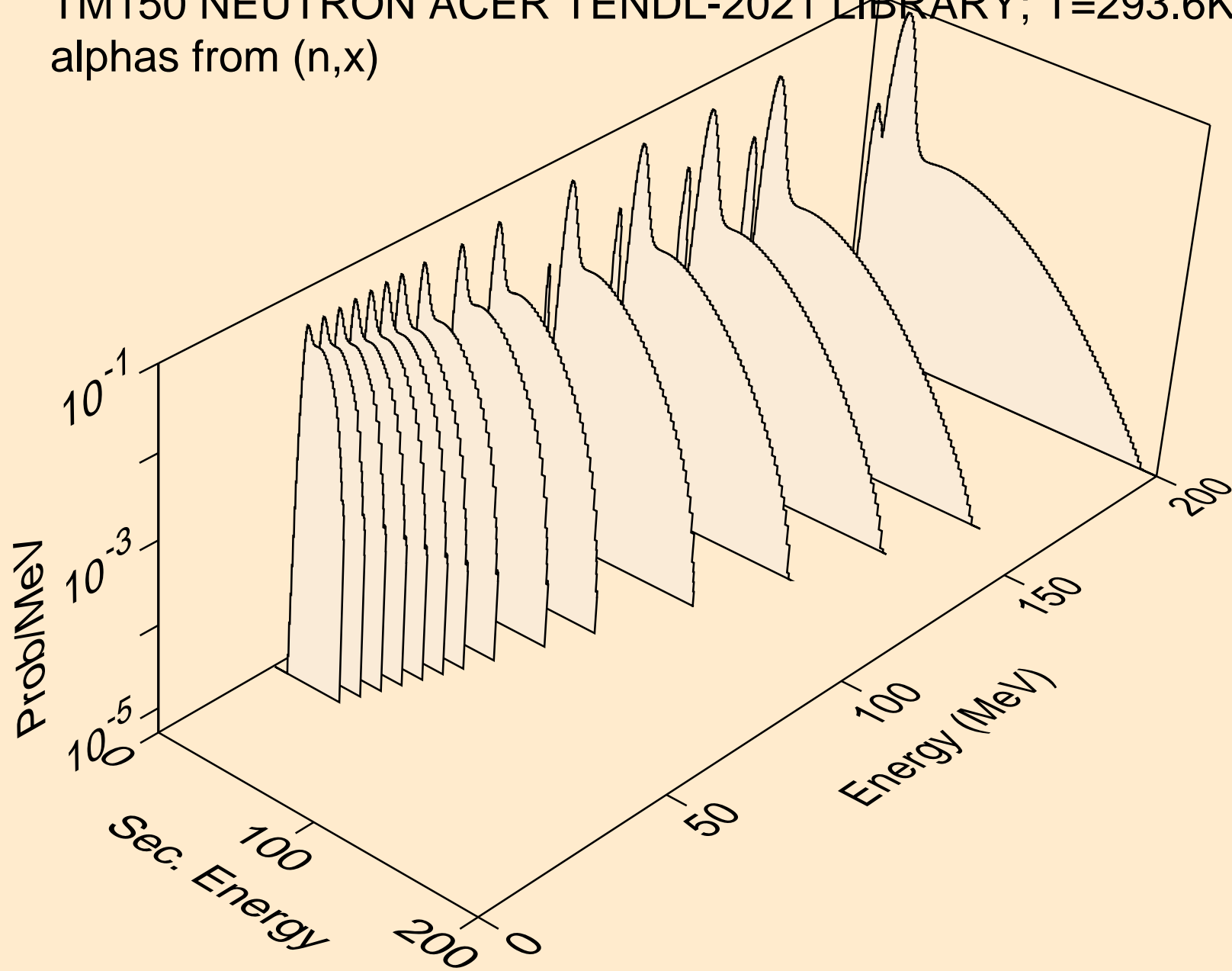
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

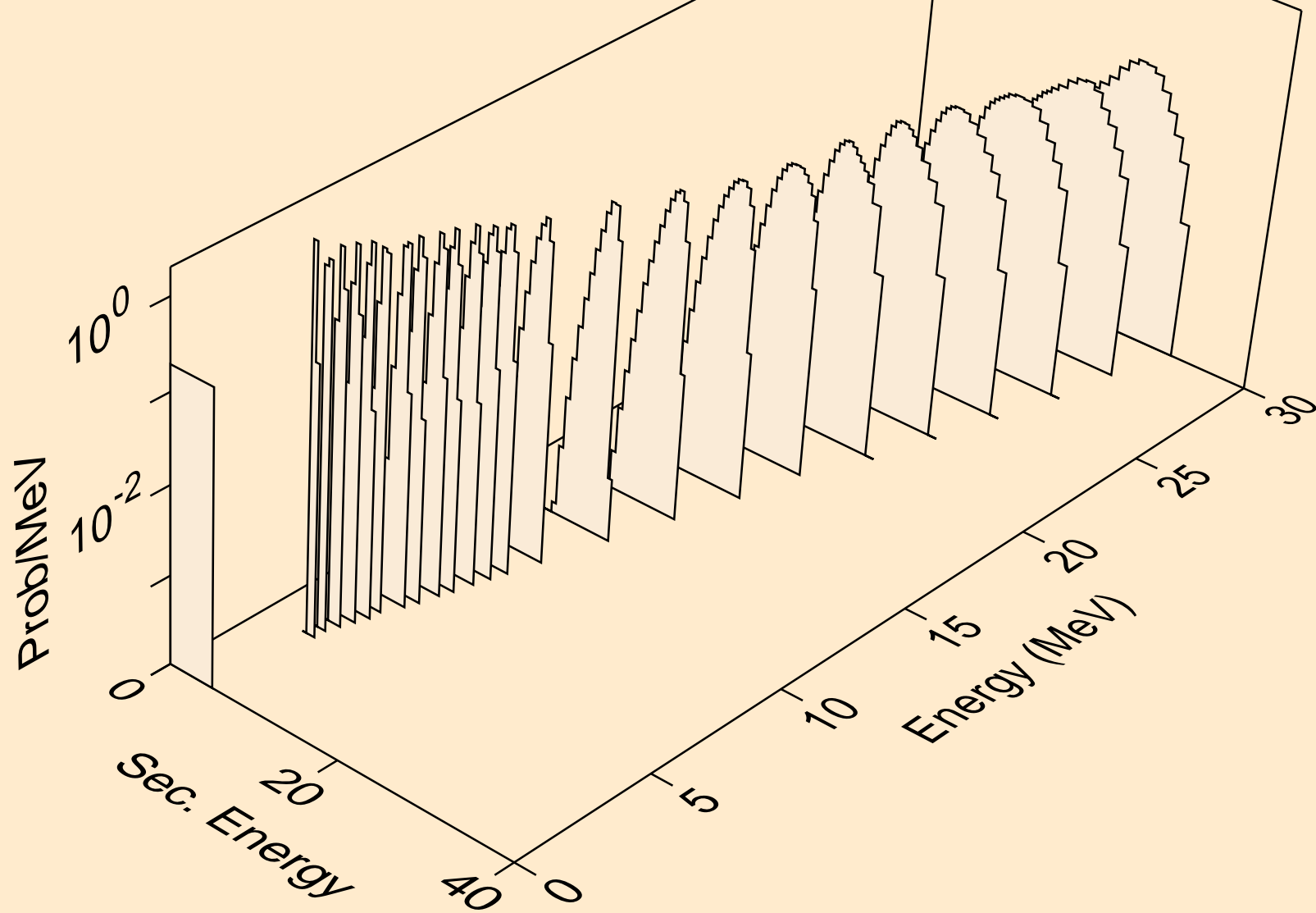


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

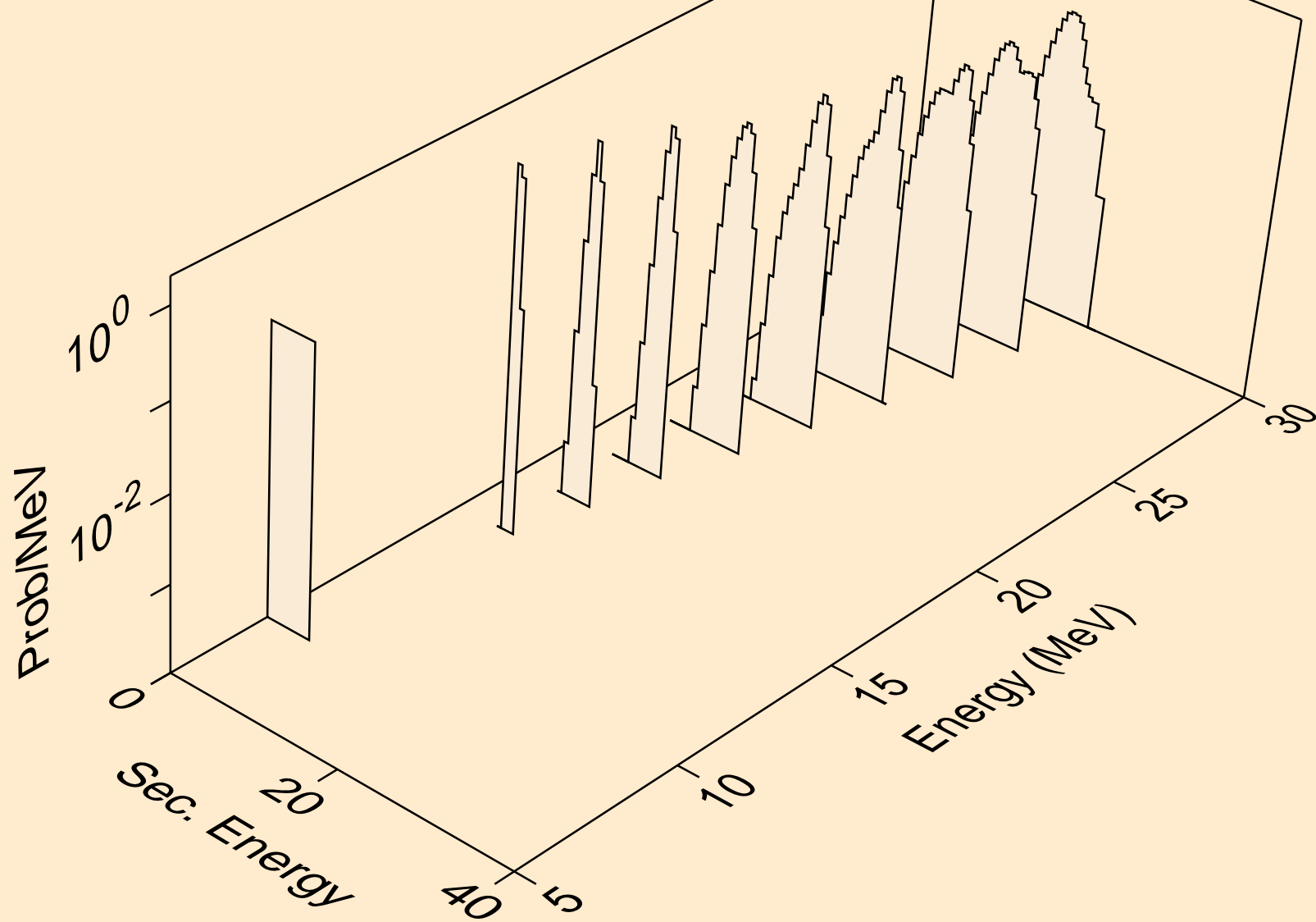




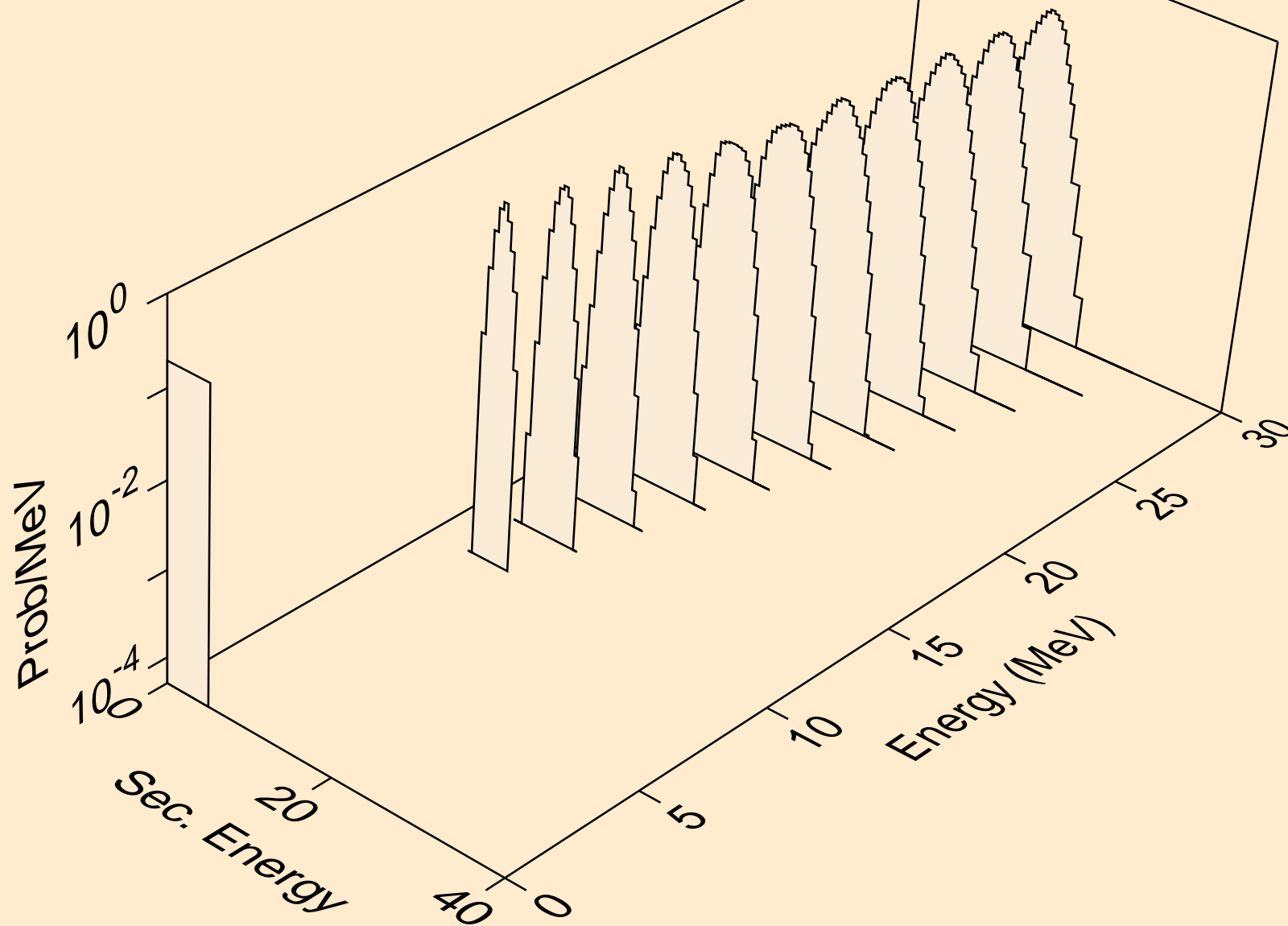
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



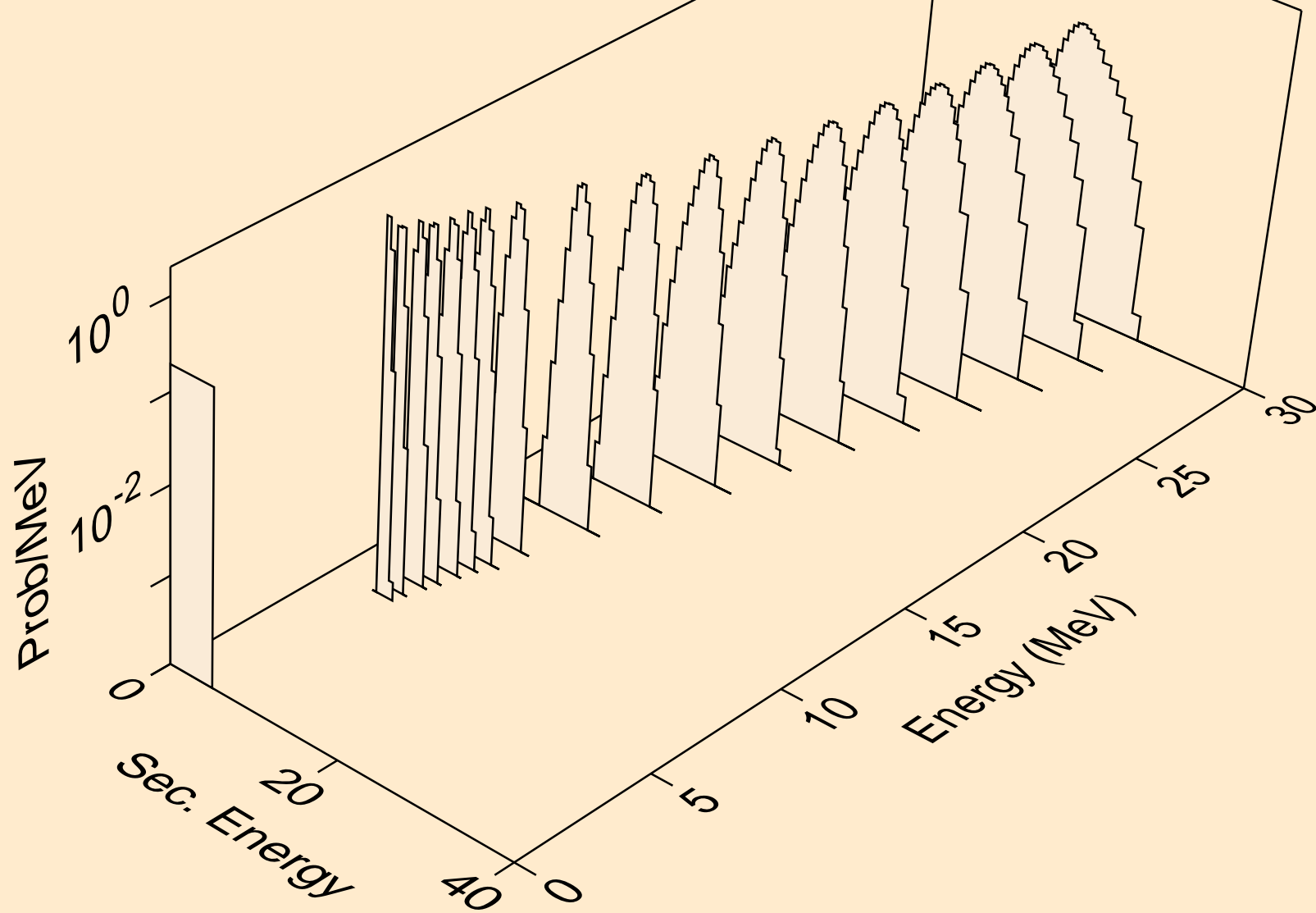
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alphas from (n,2n)a



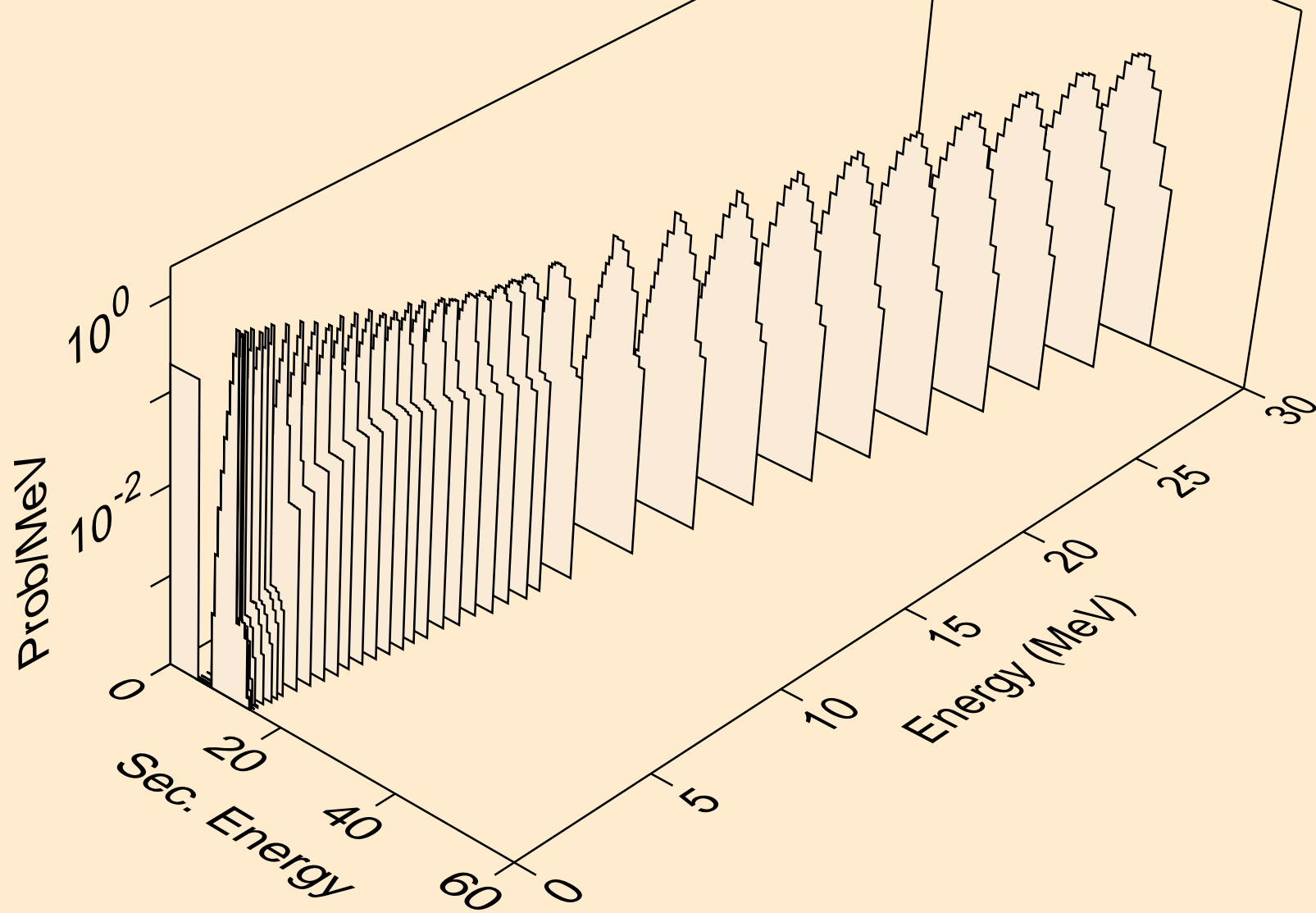
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



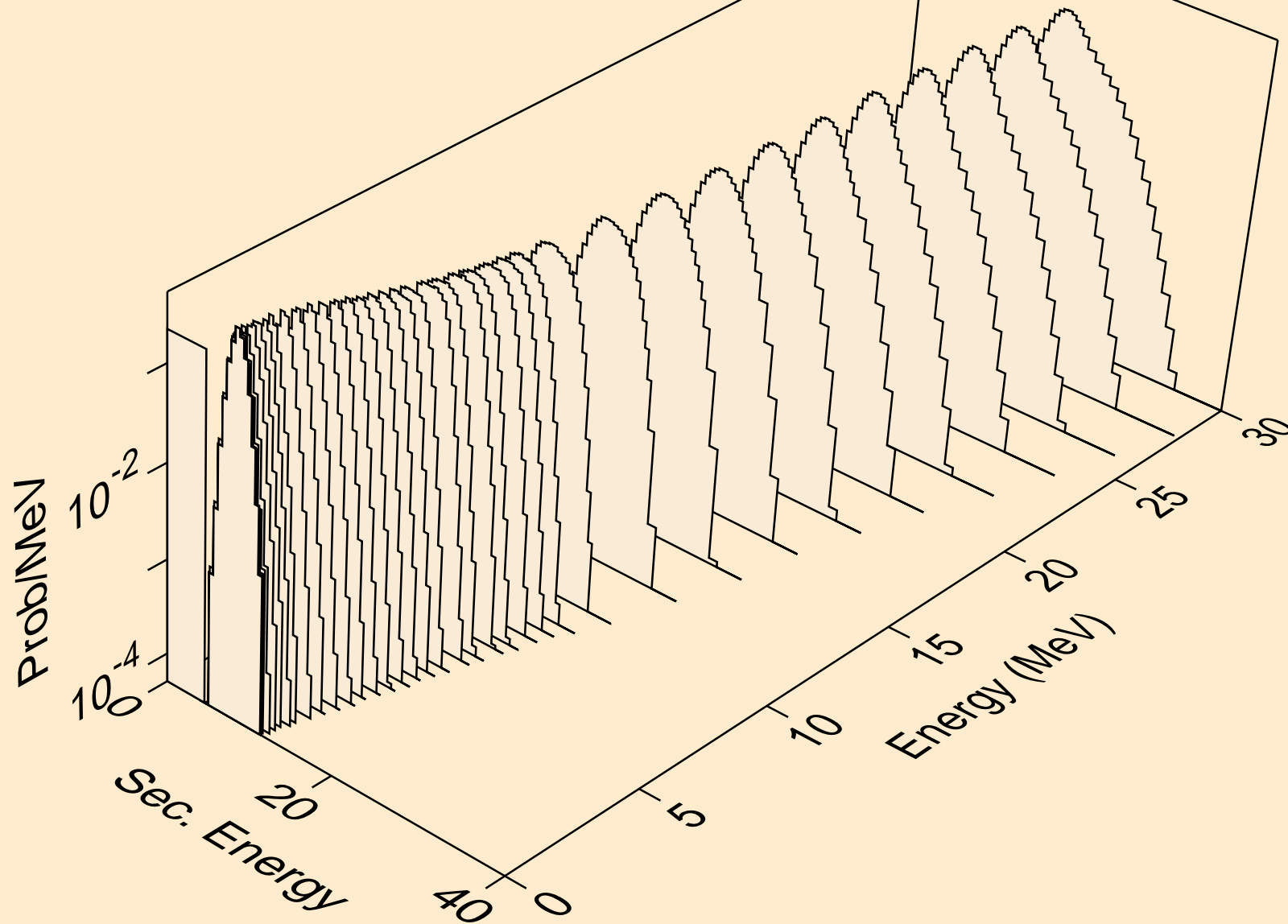
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alphas from (n,npa)



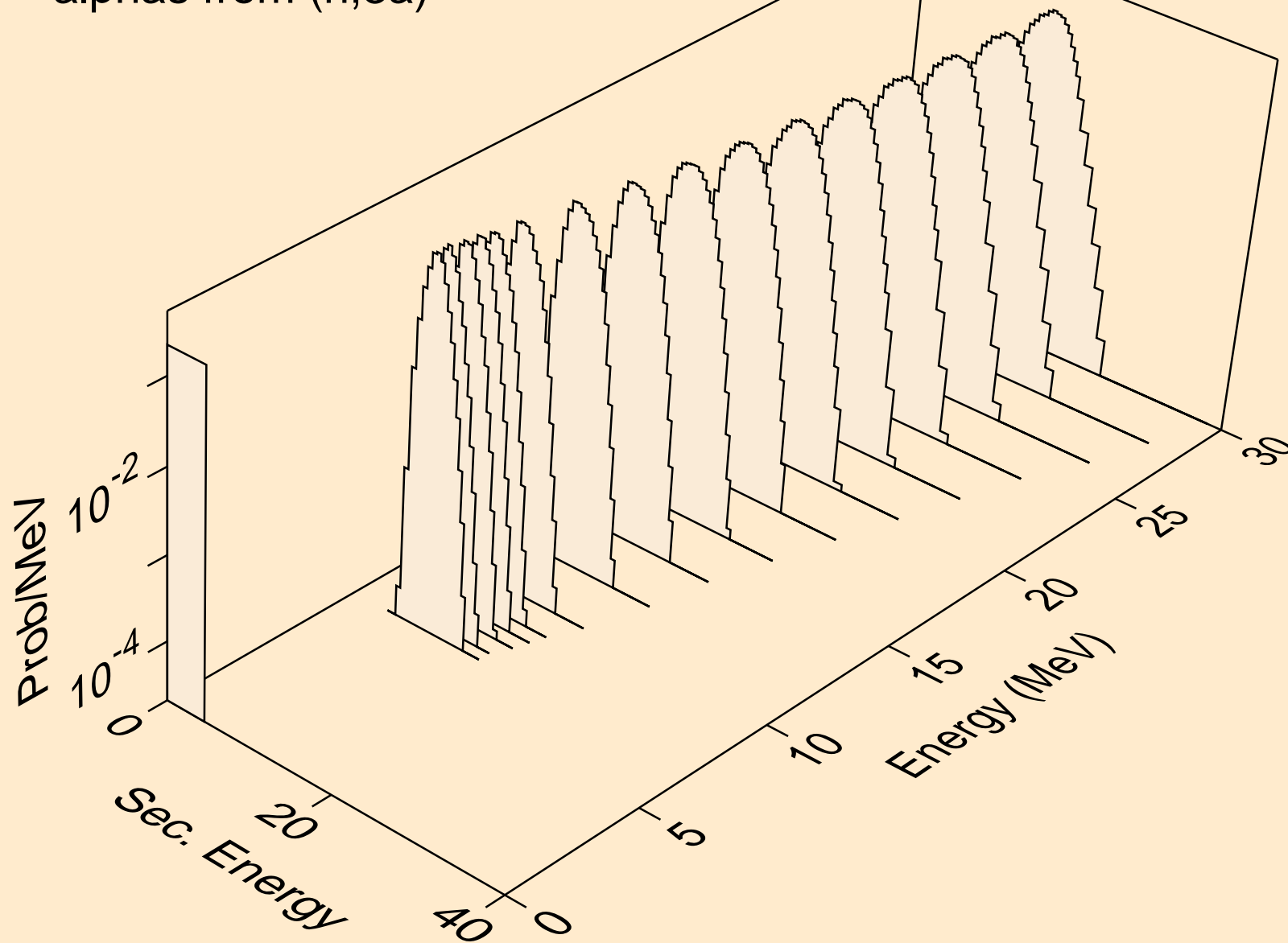
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alphas from (n,a)



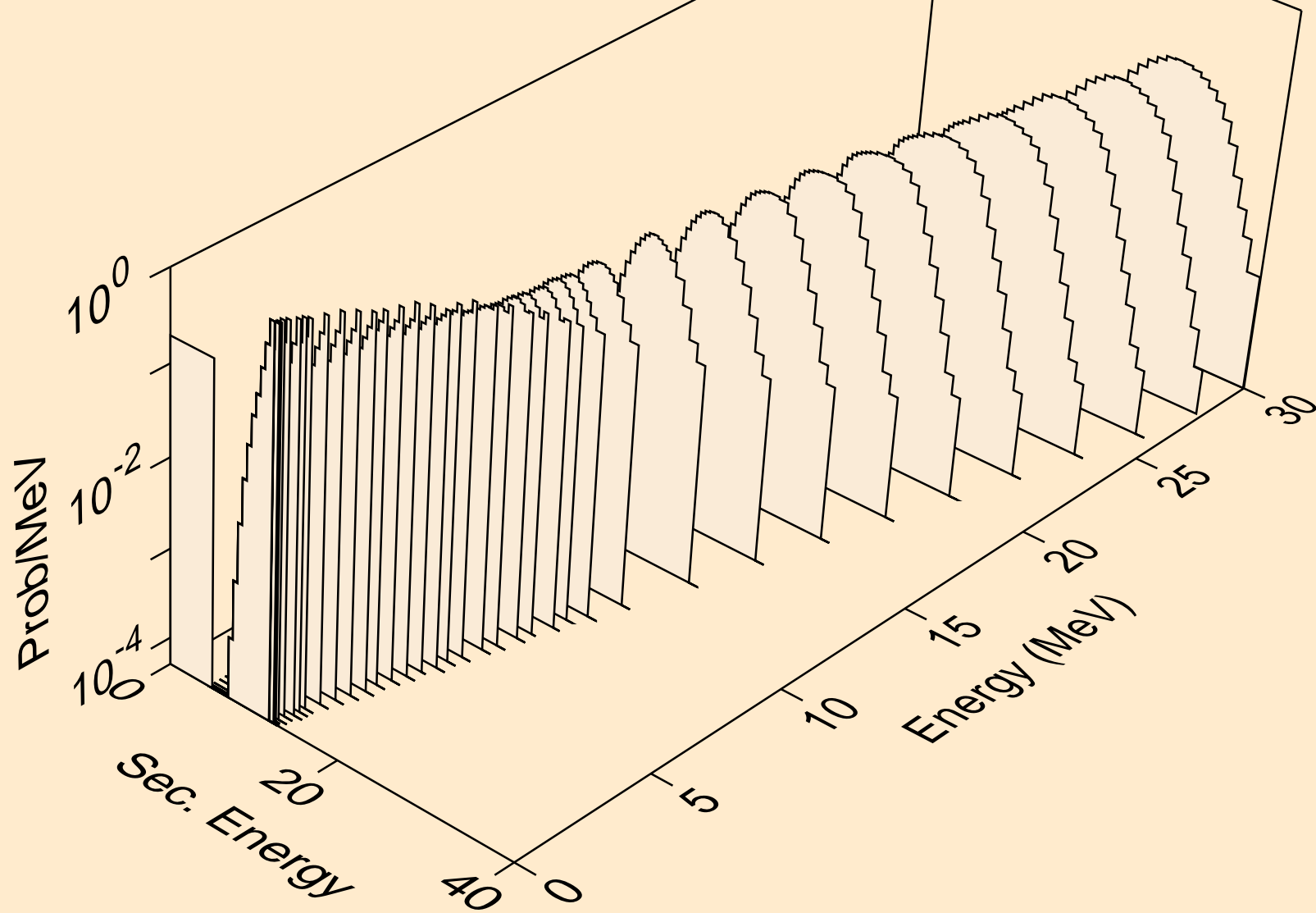
TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)

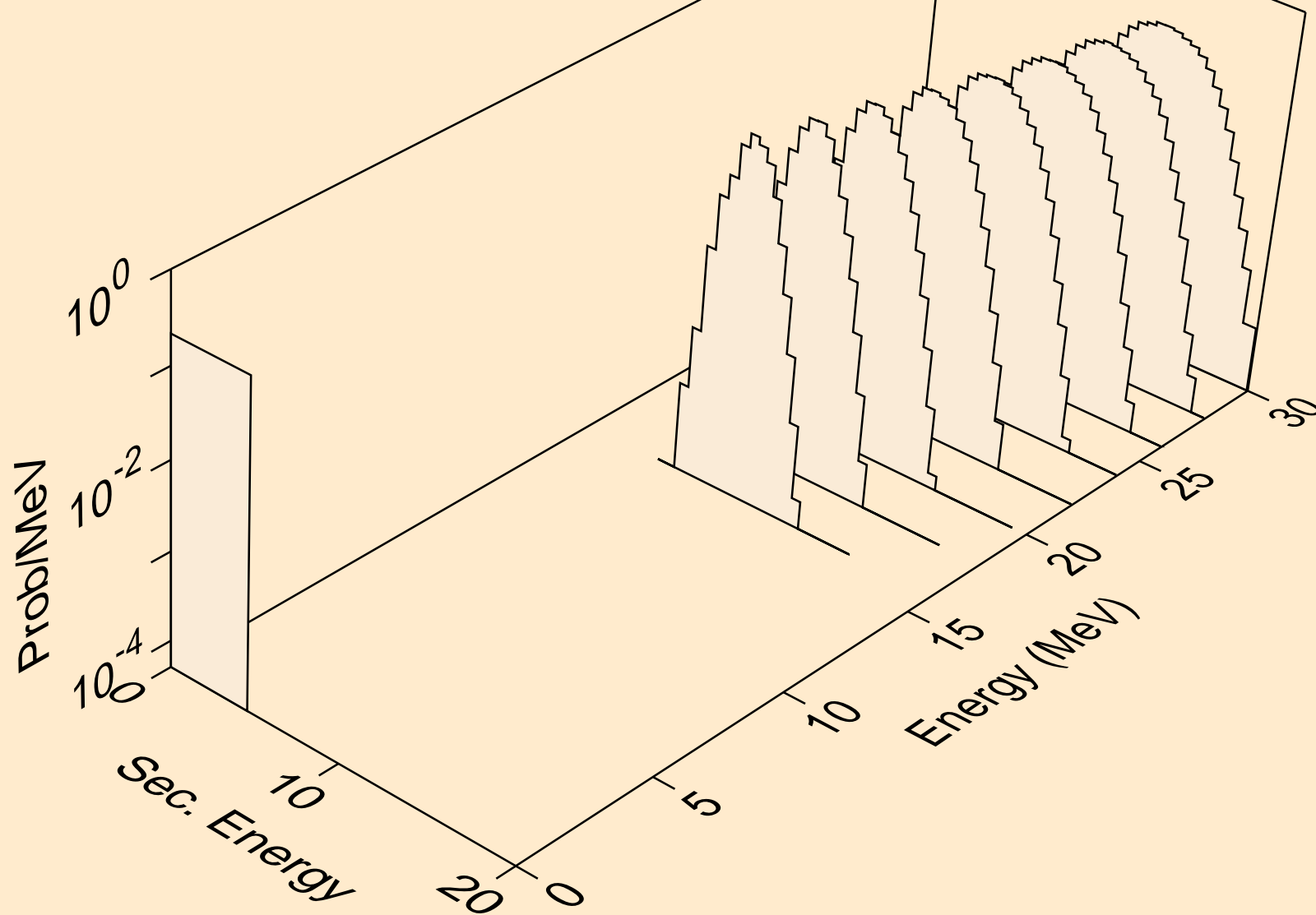


TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



TM150 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

