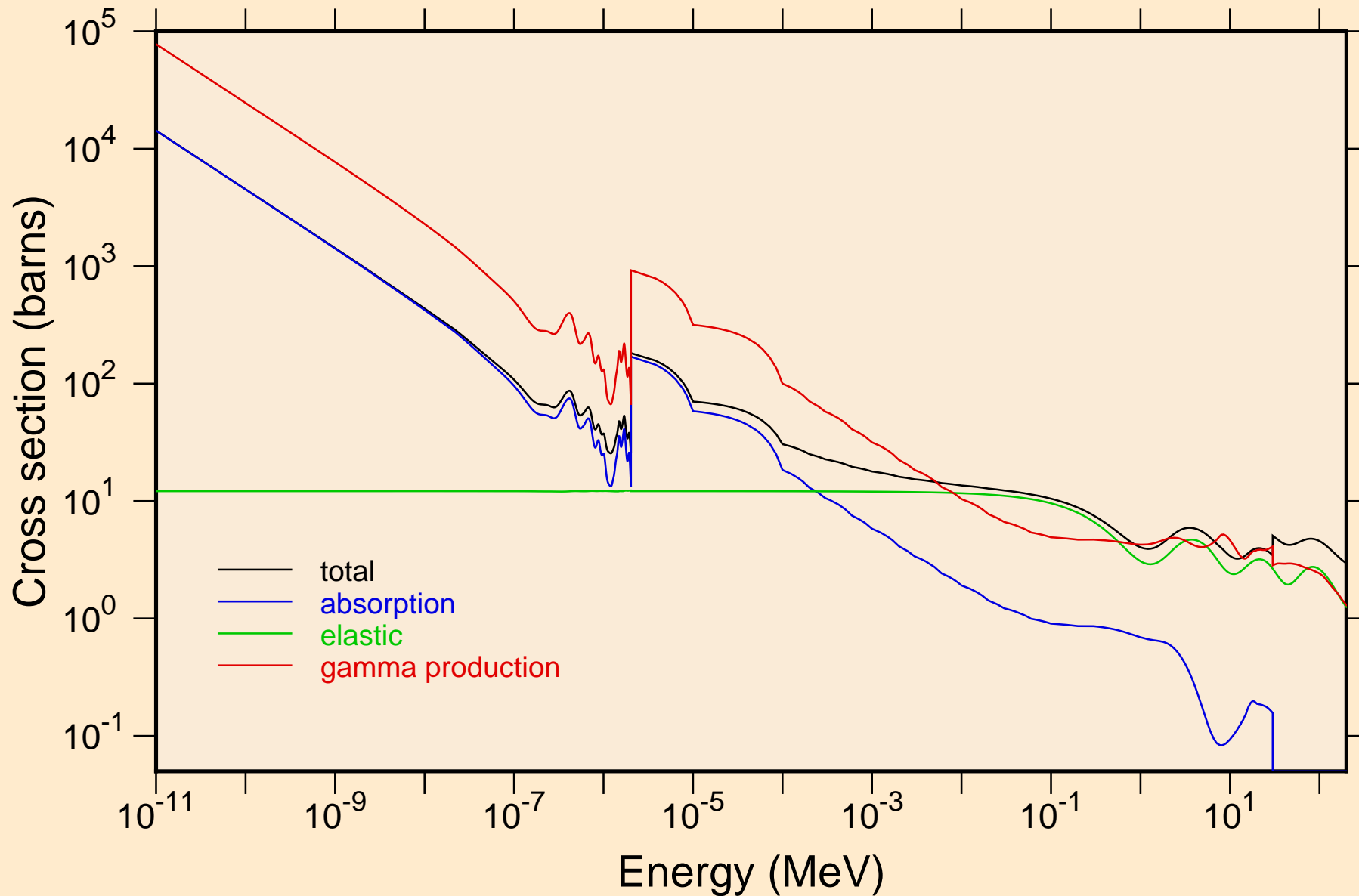
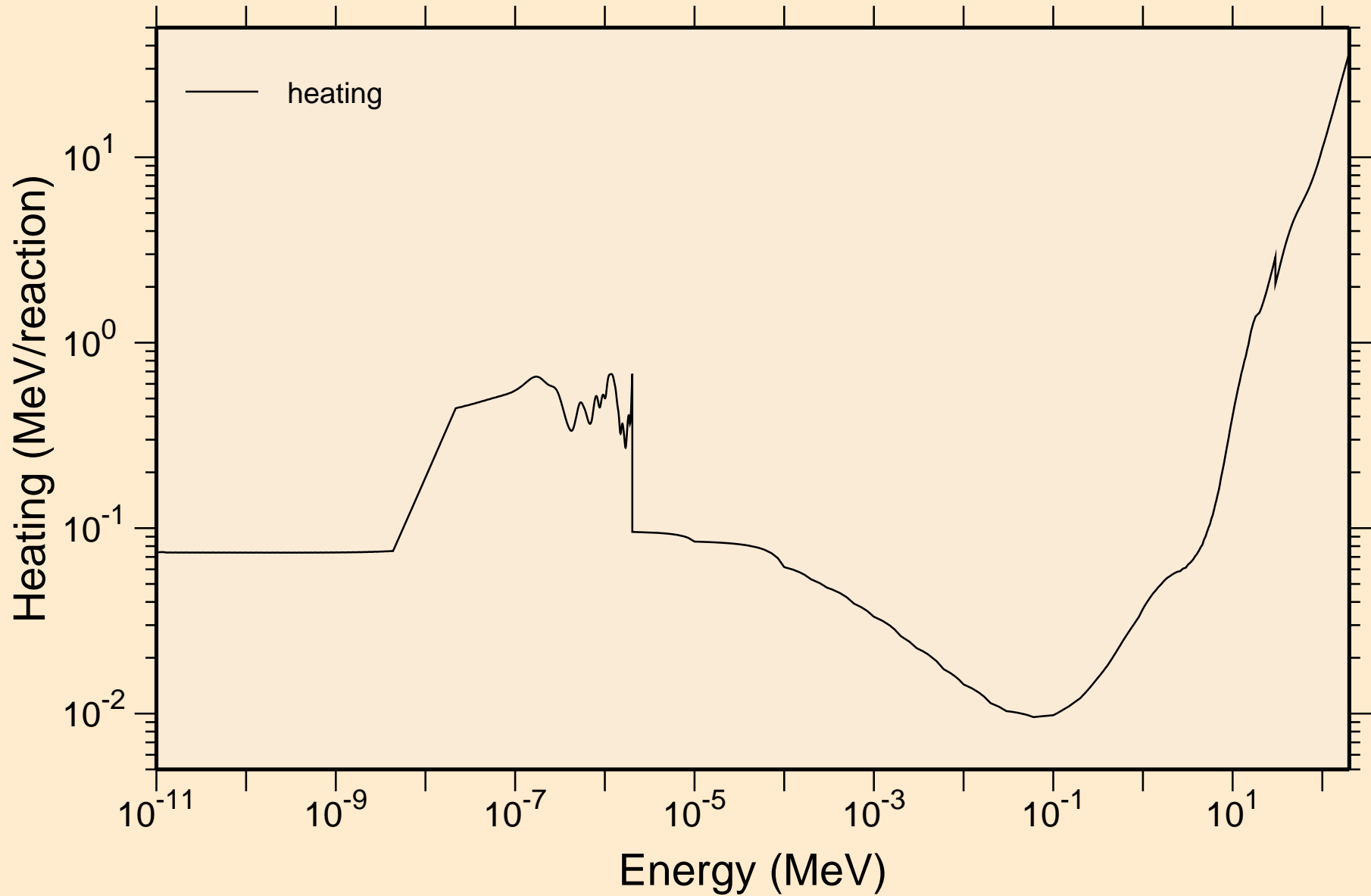


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



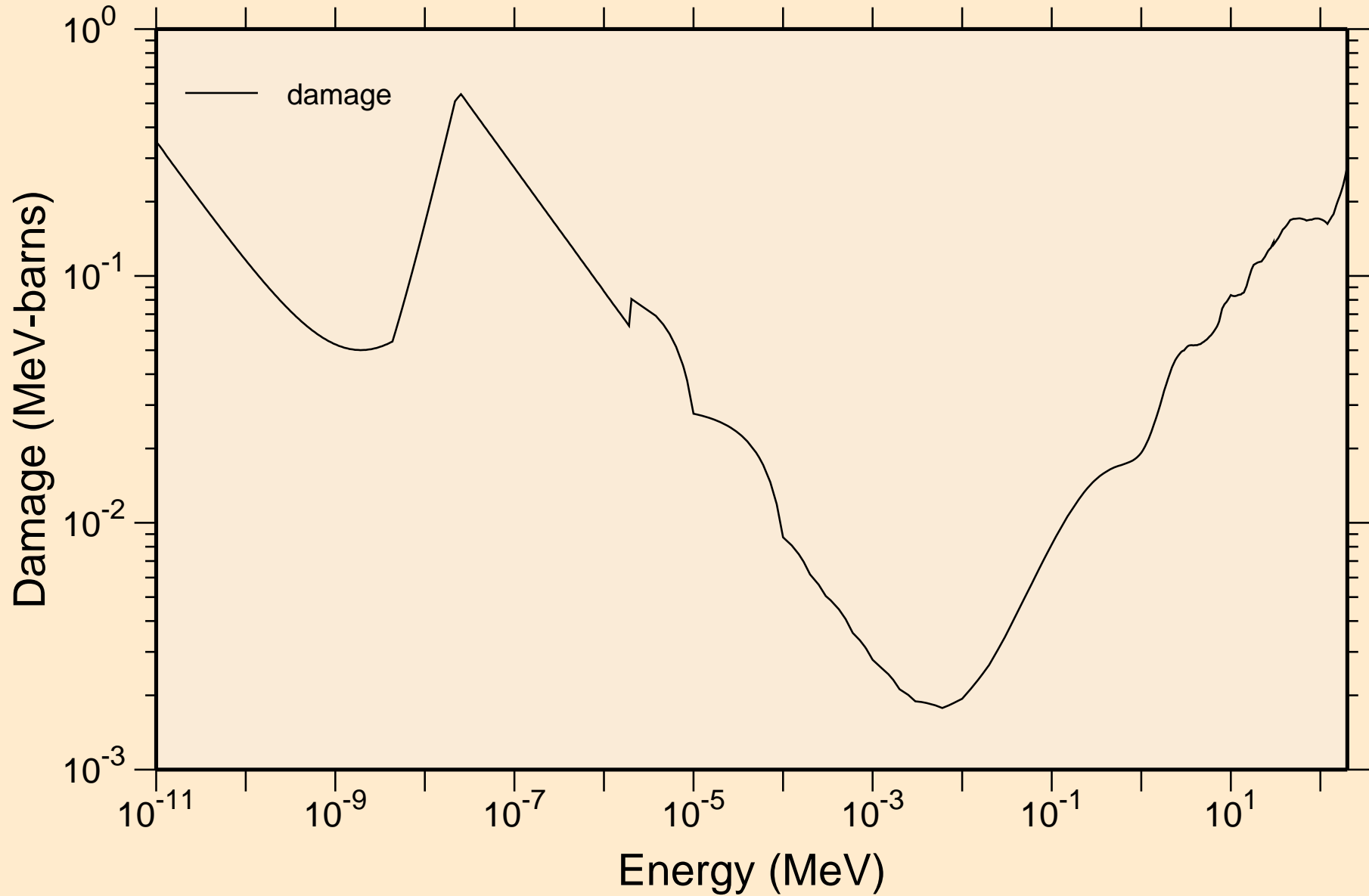
# AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

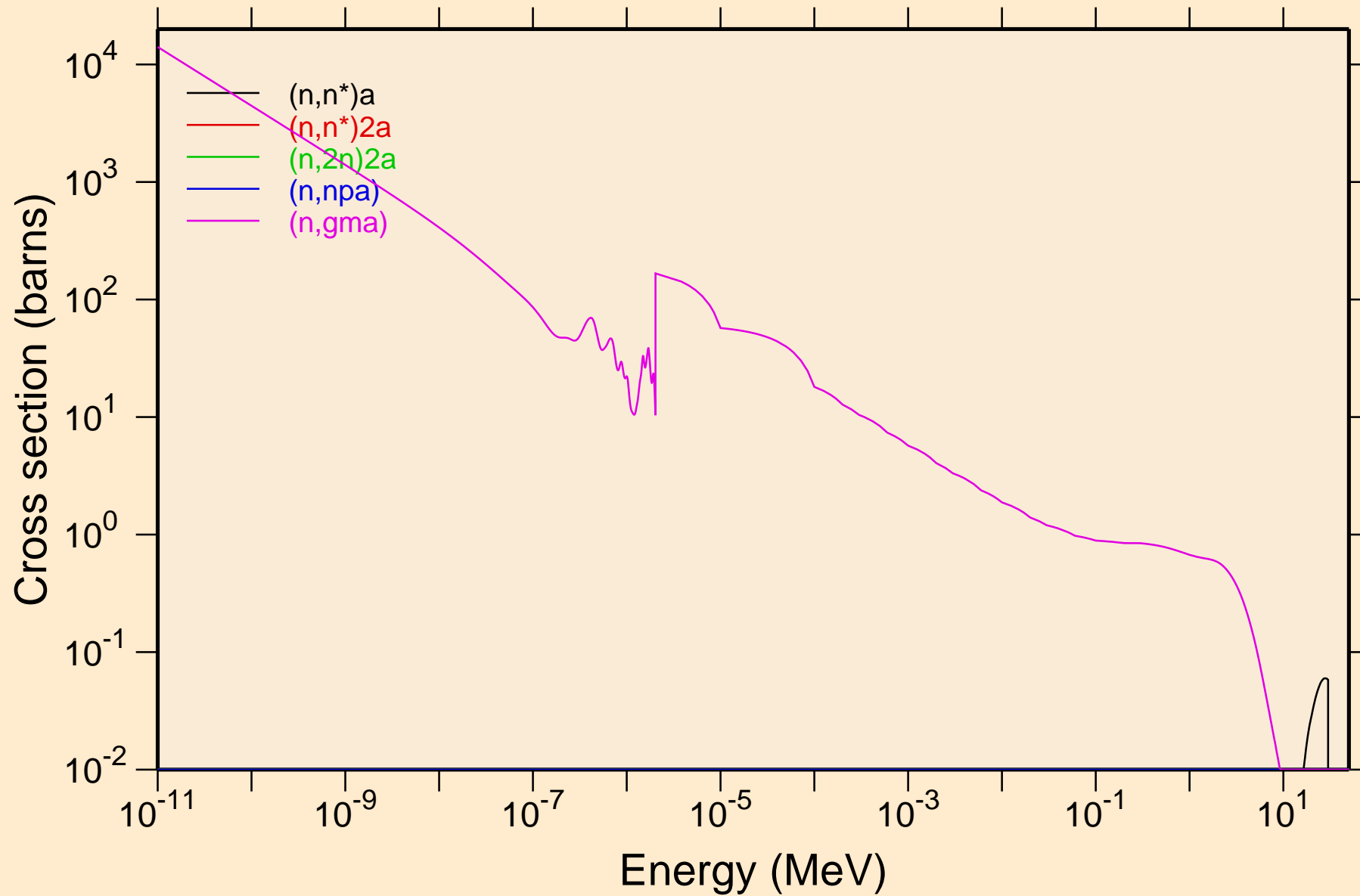


# AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

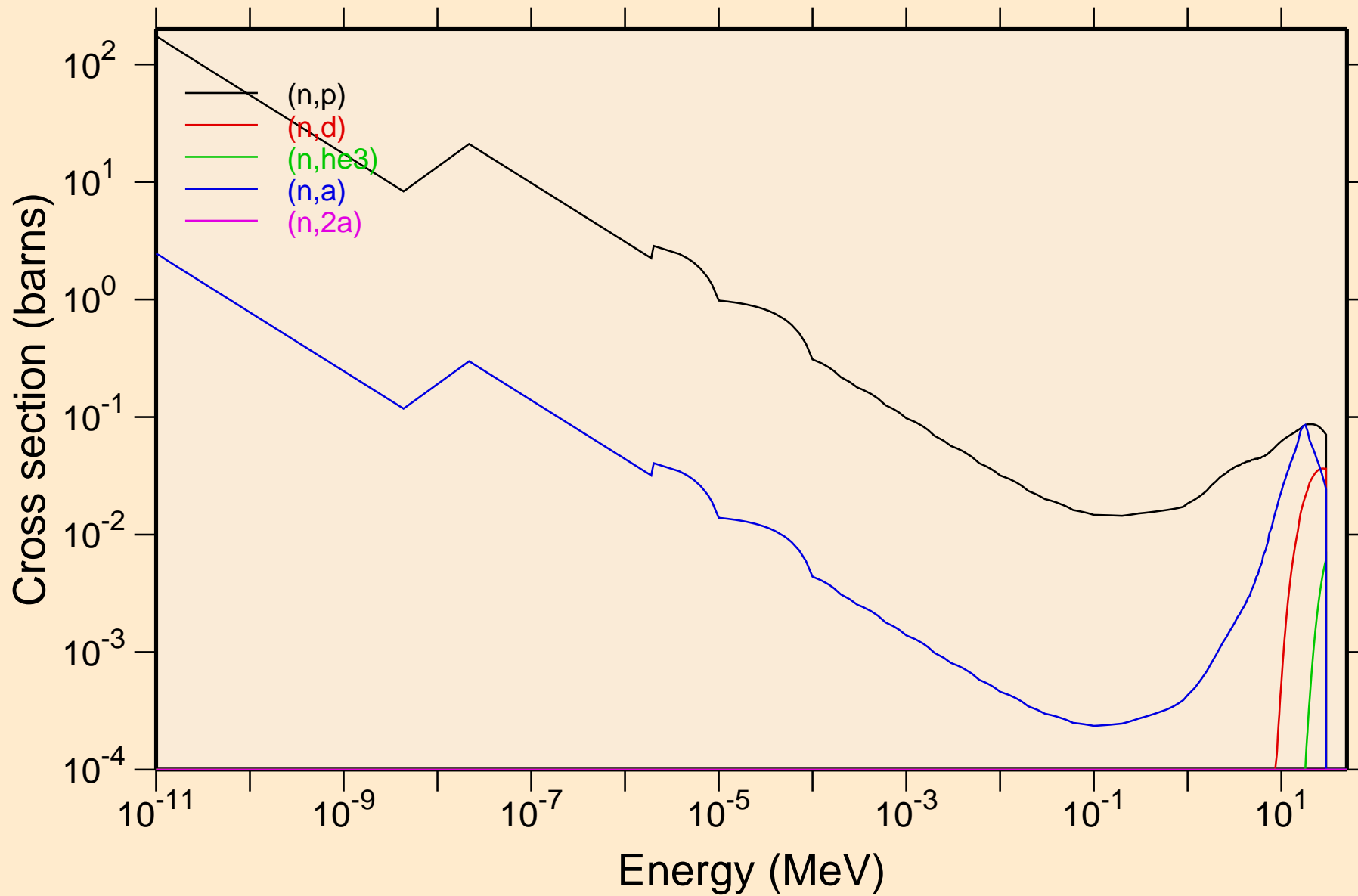
## Damage



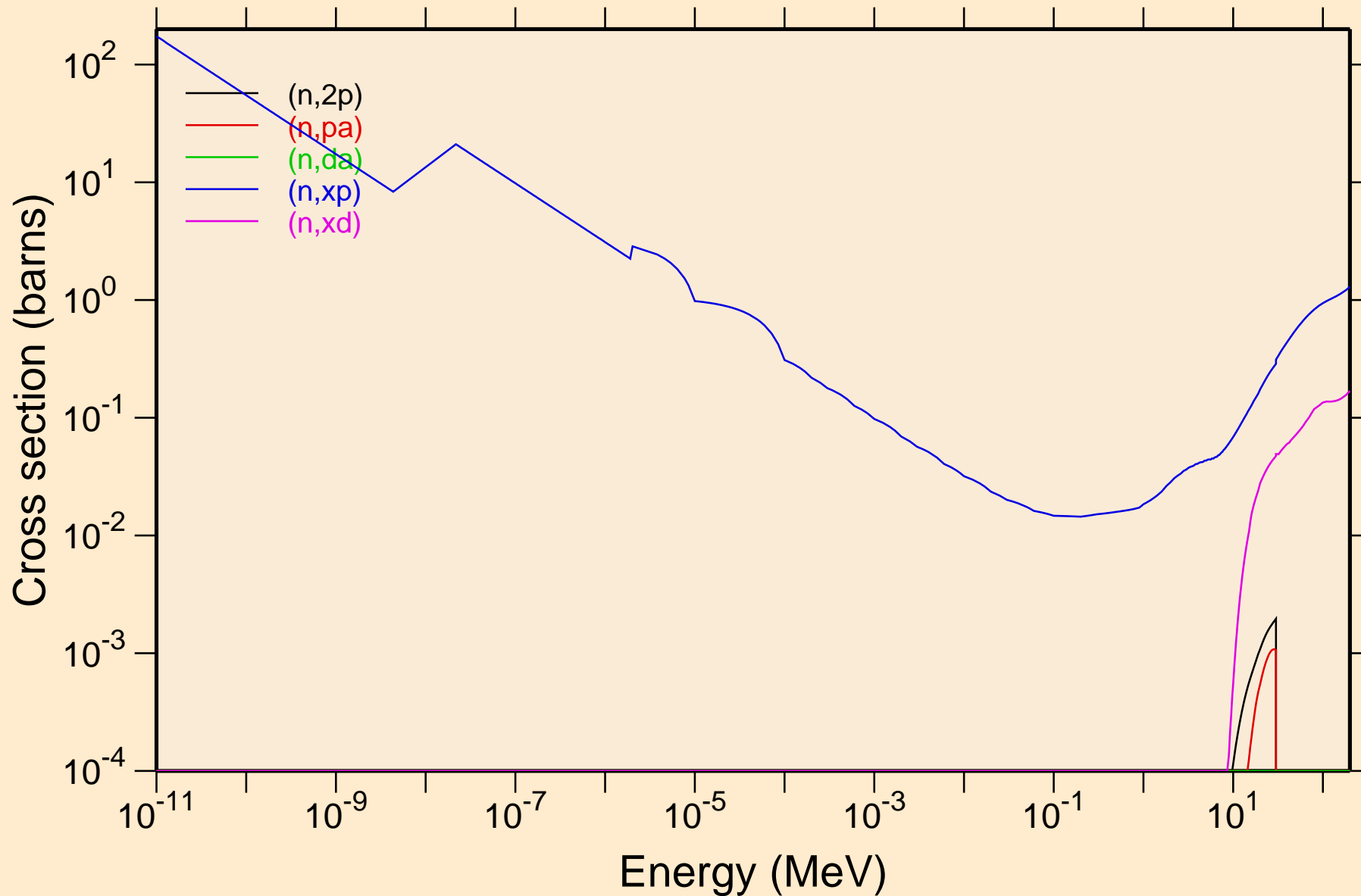
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



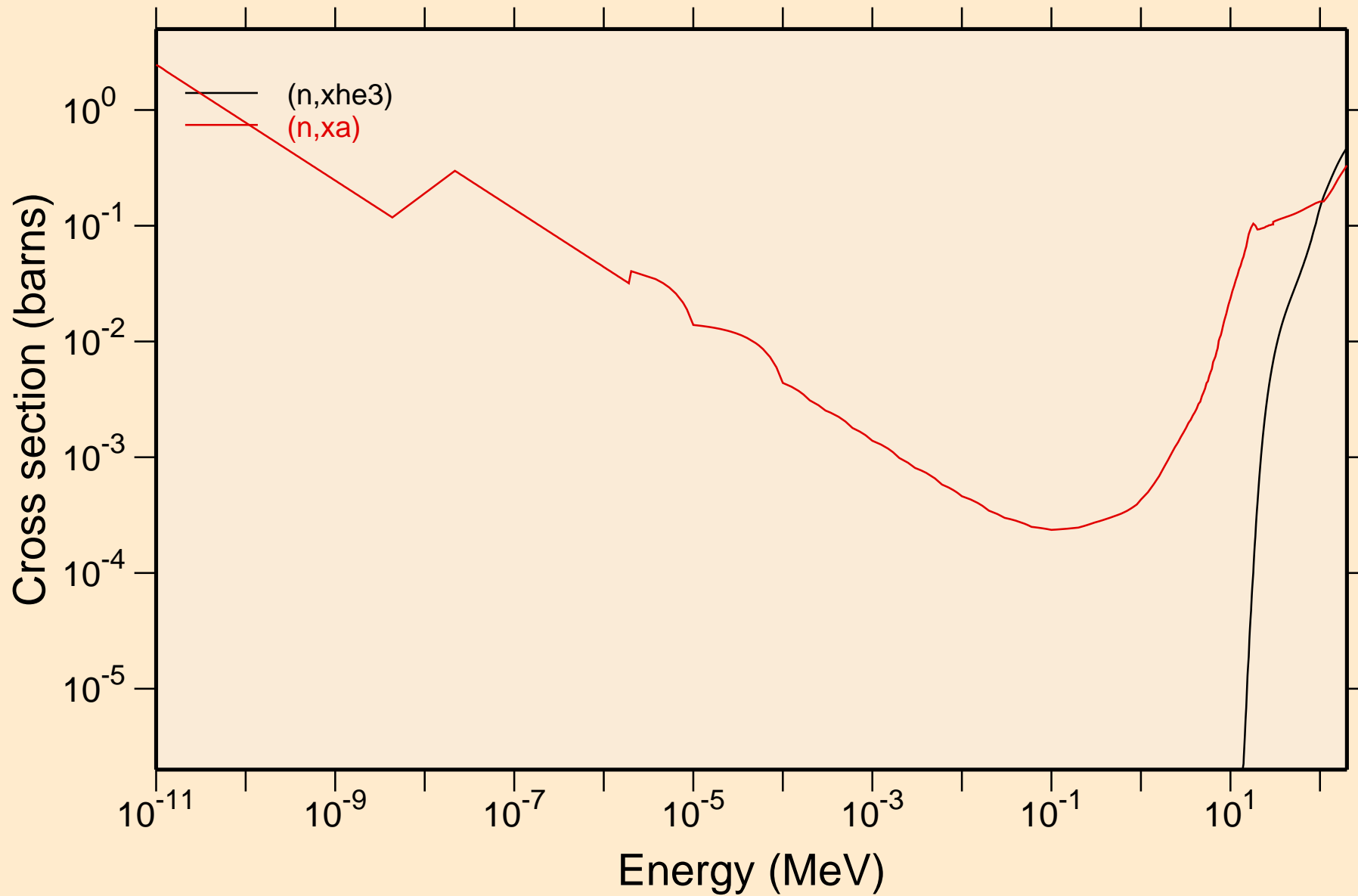
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



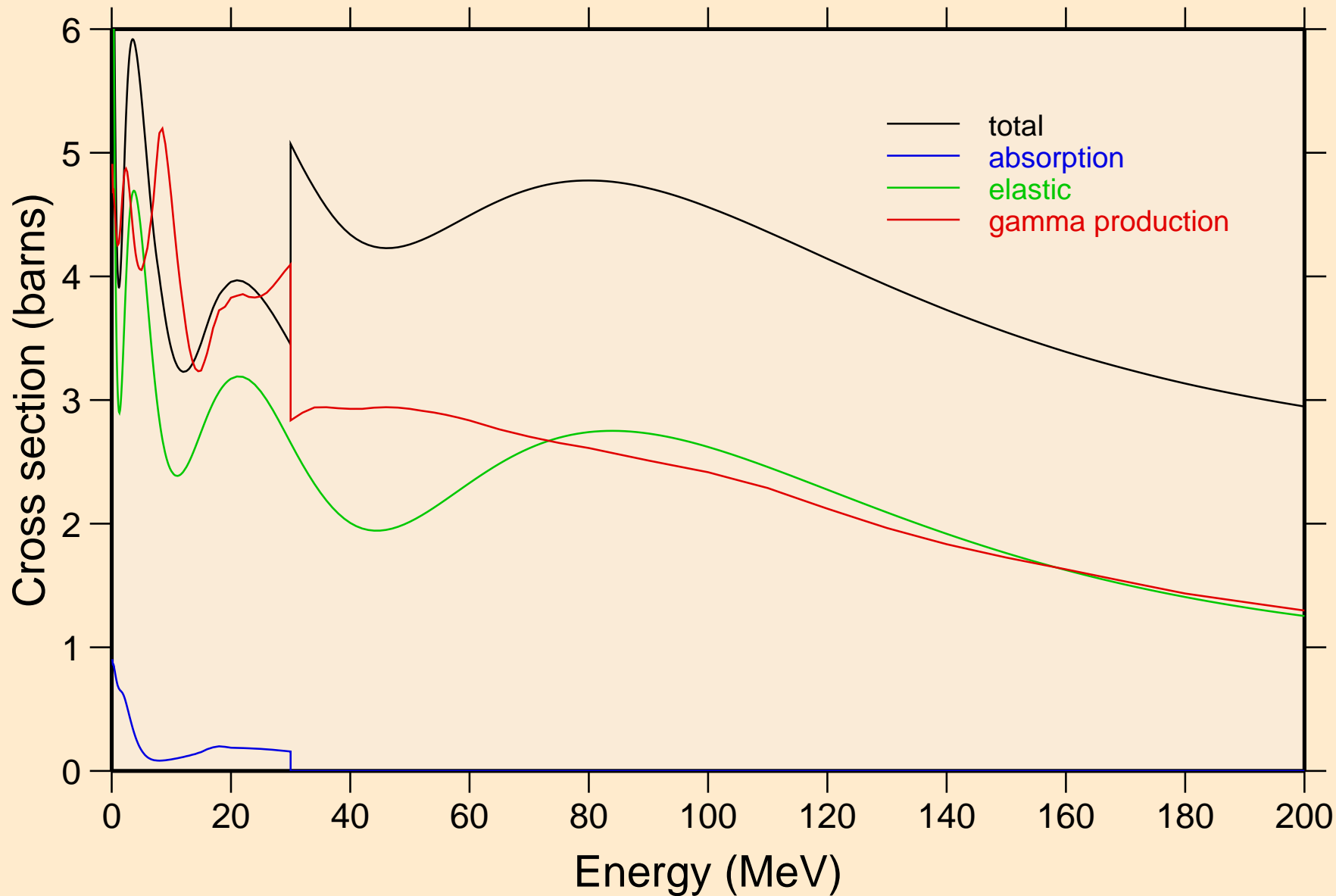
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



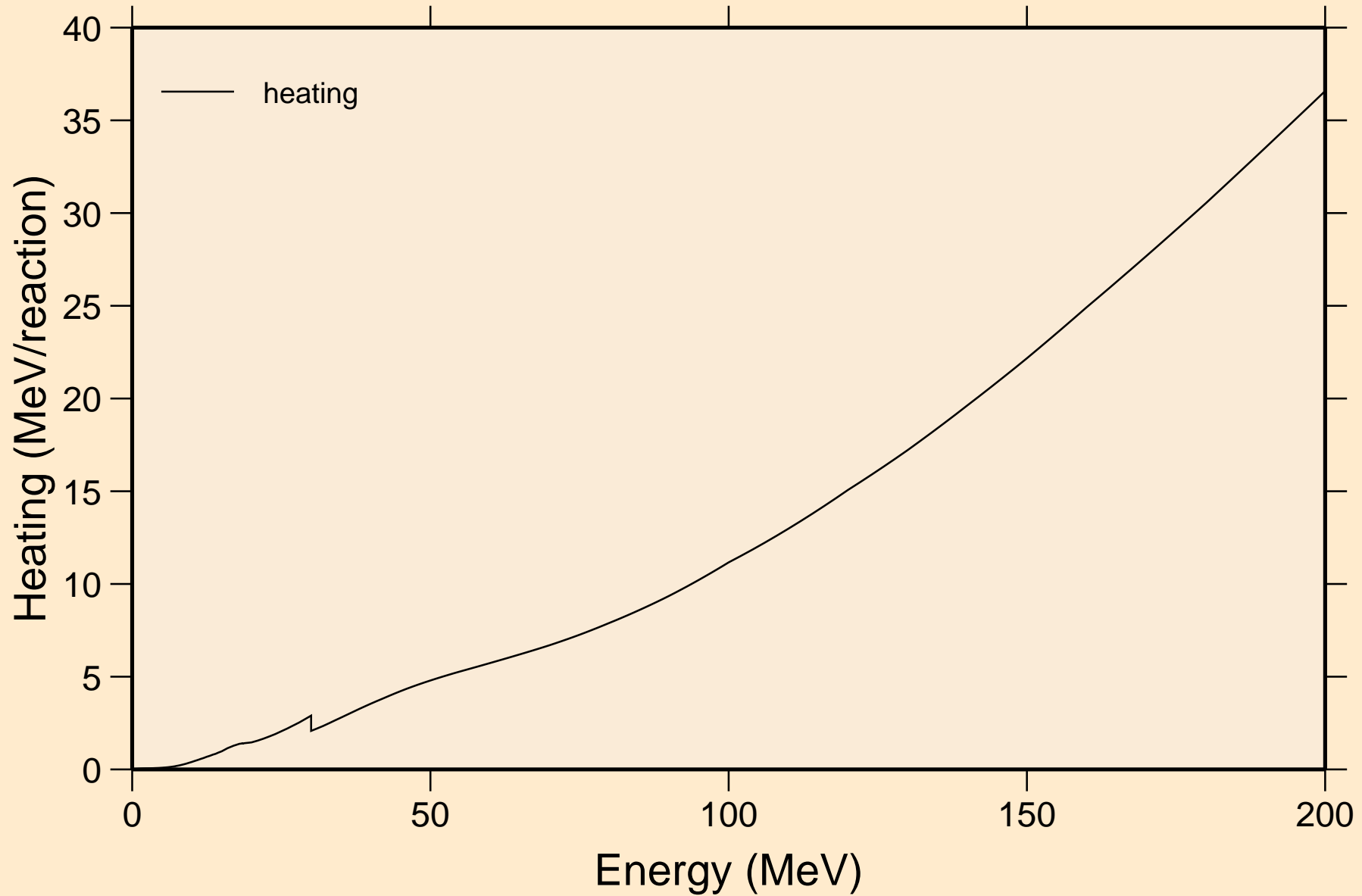
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



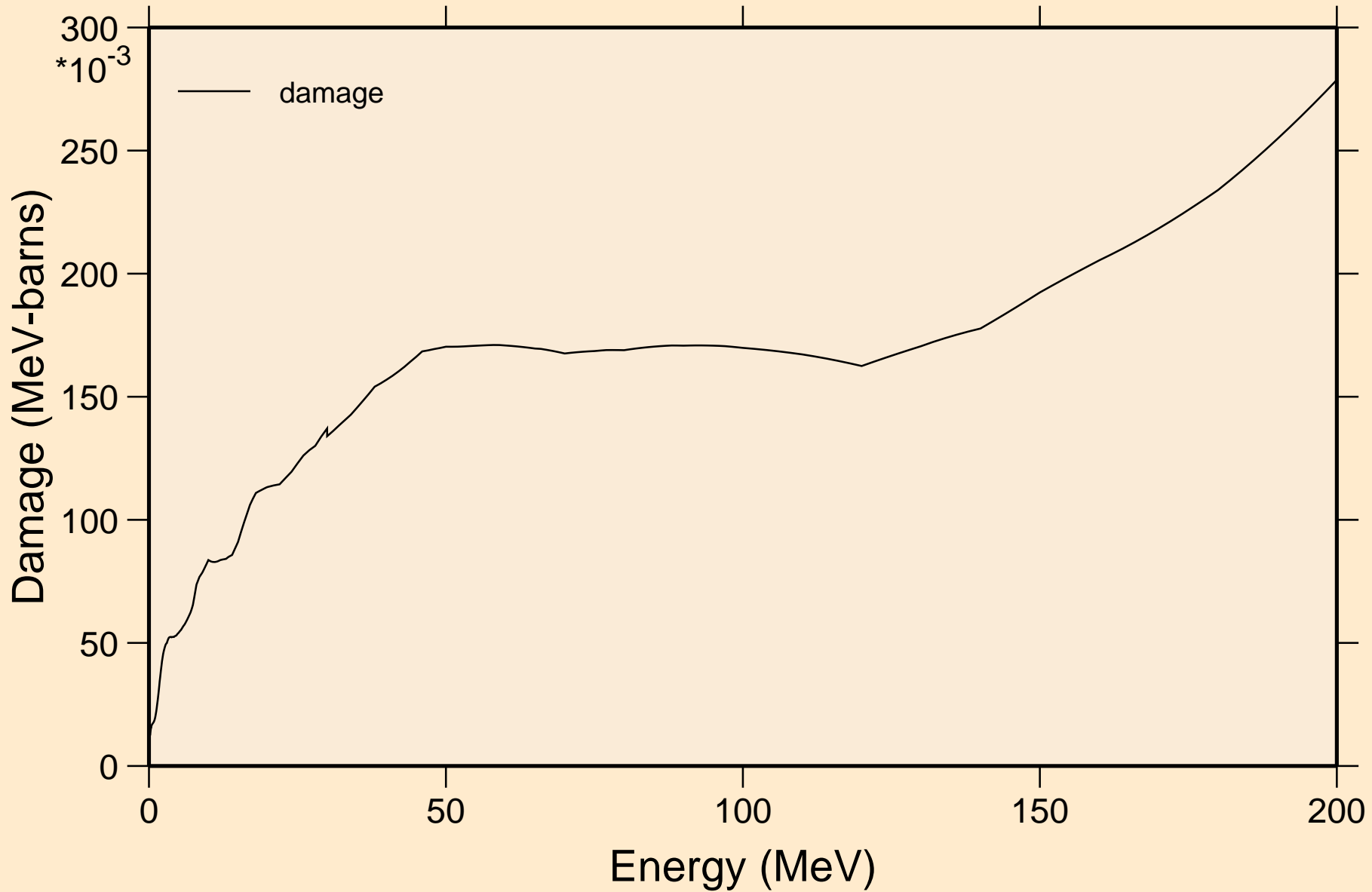


# AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

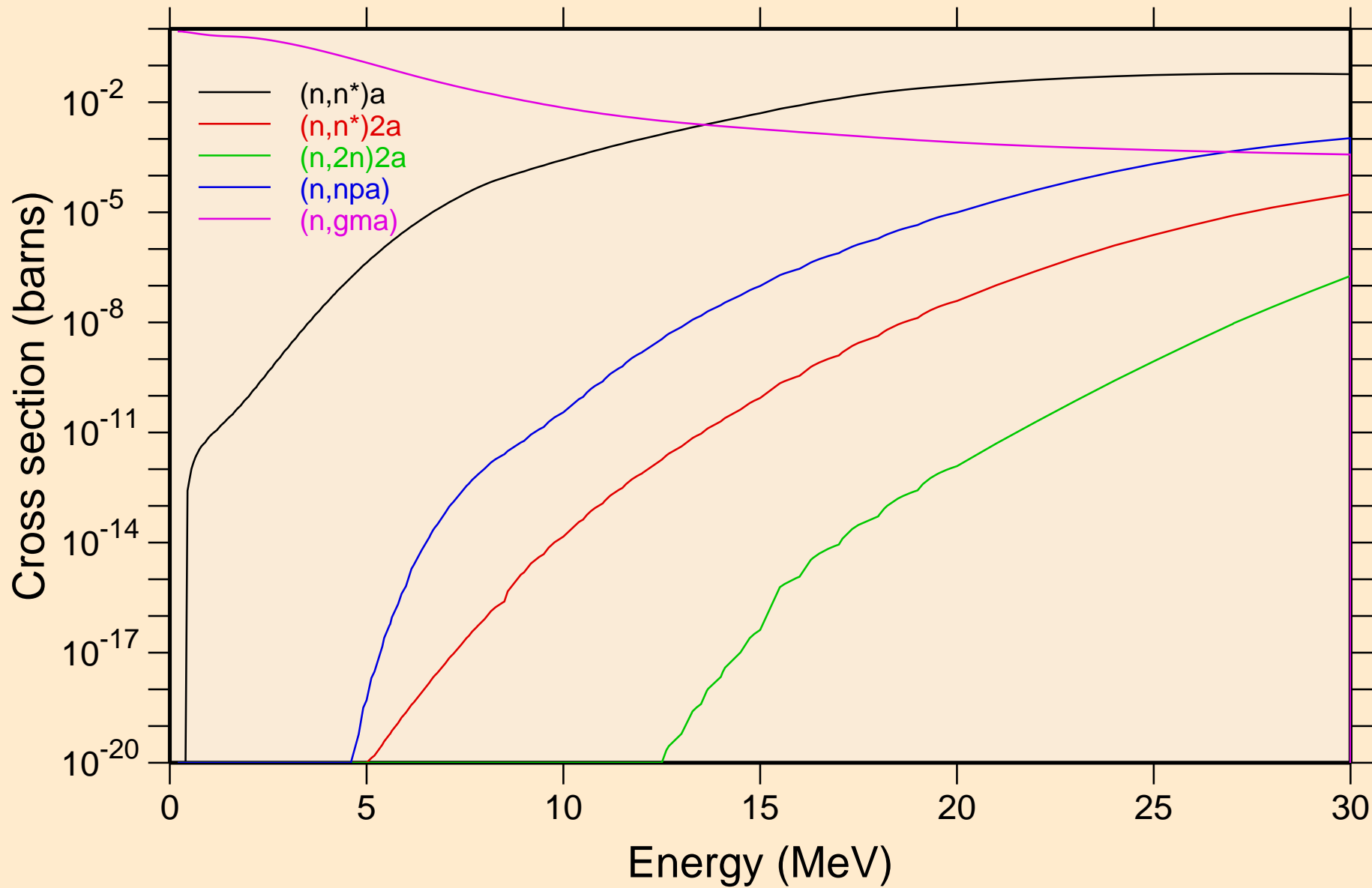
## Heating



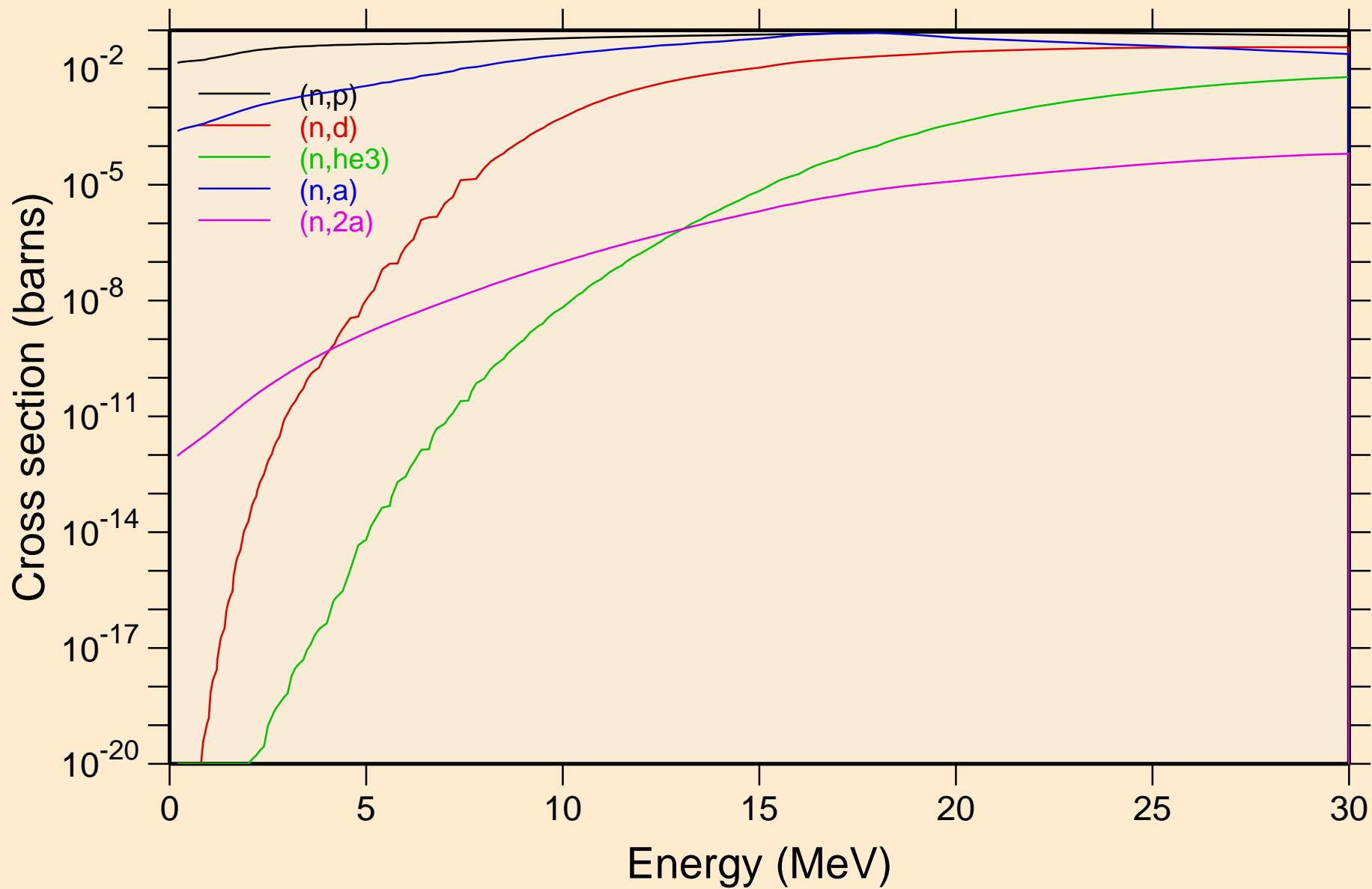
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

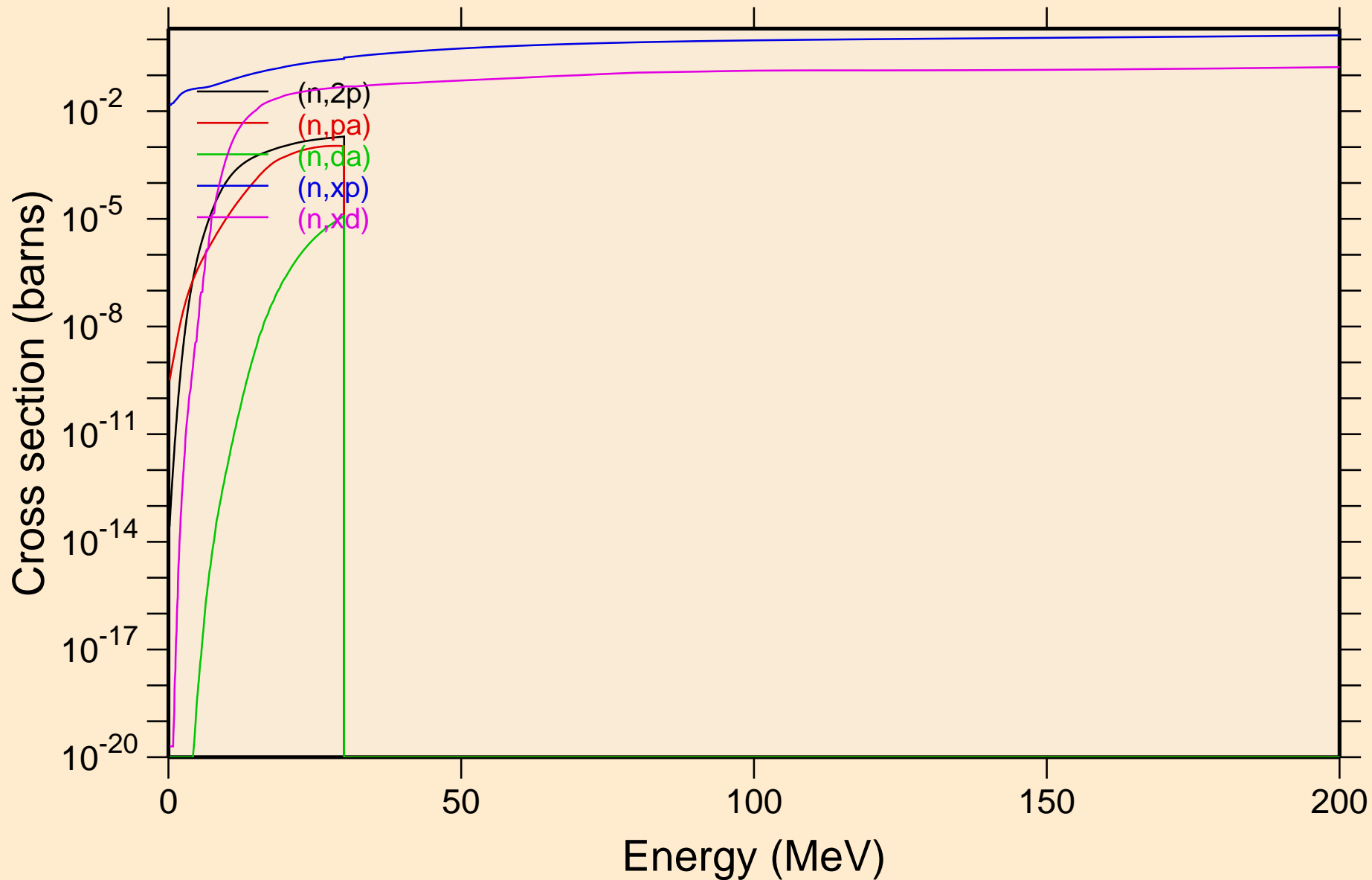


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

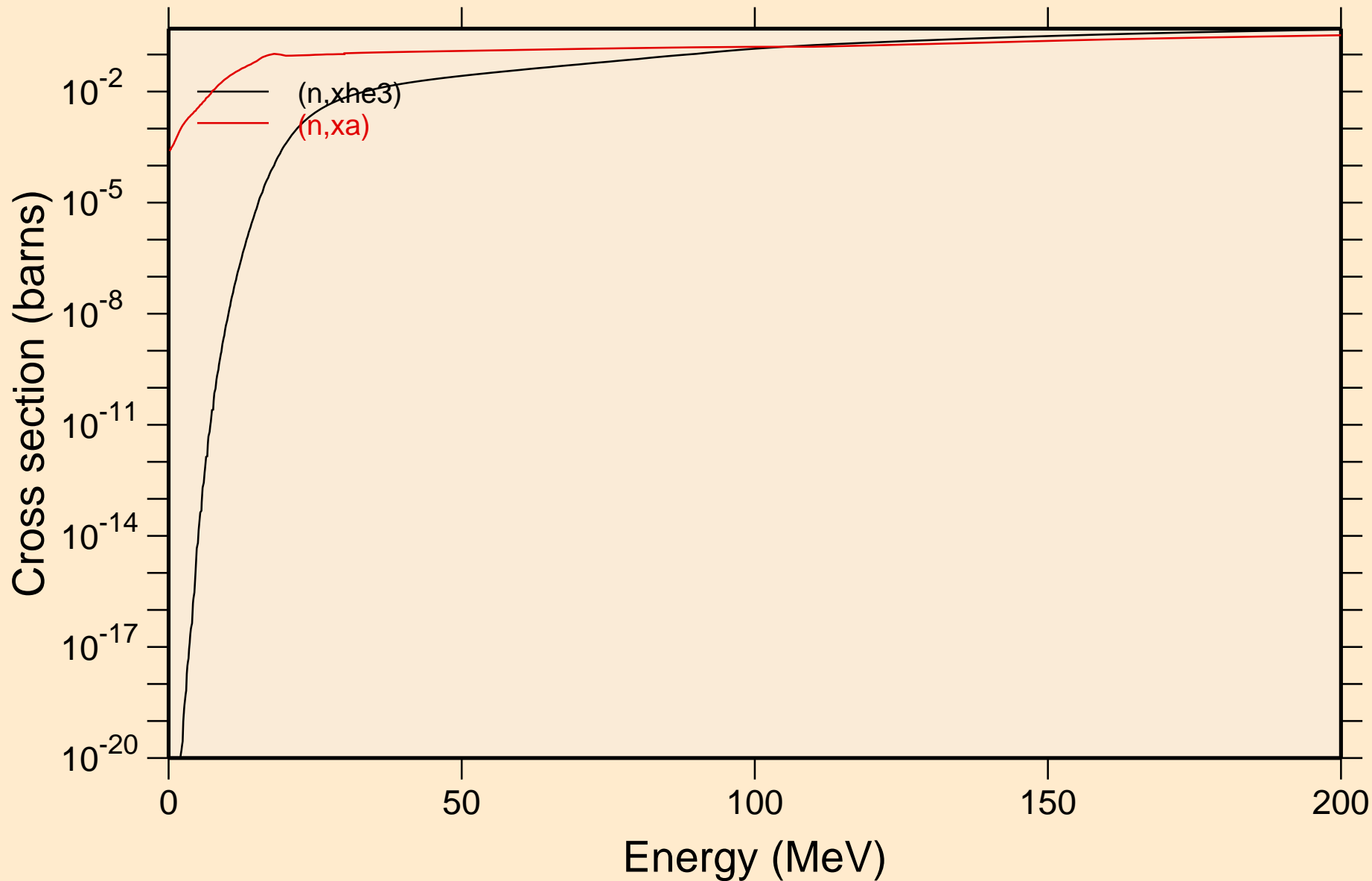


# AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

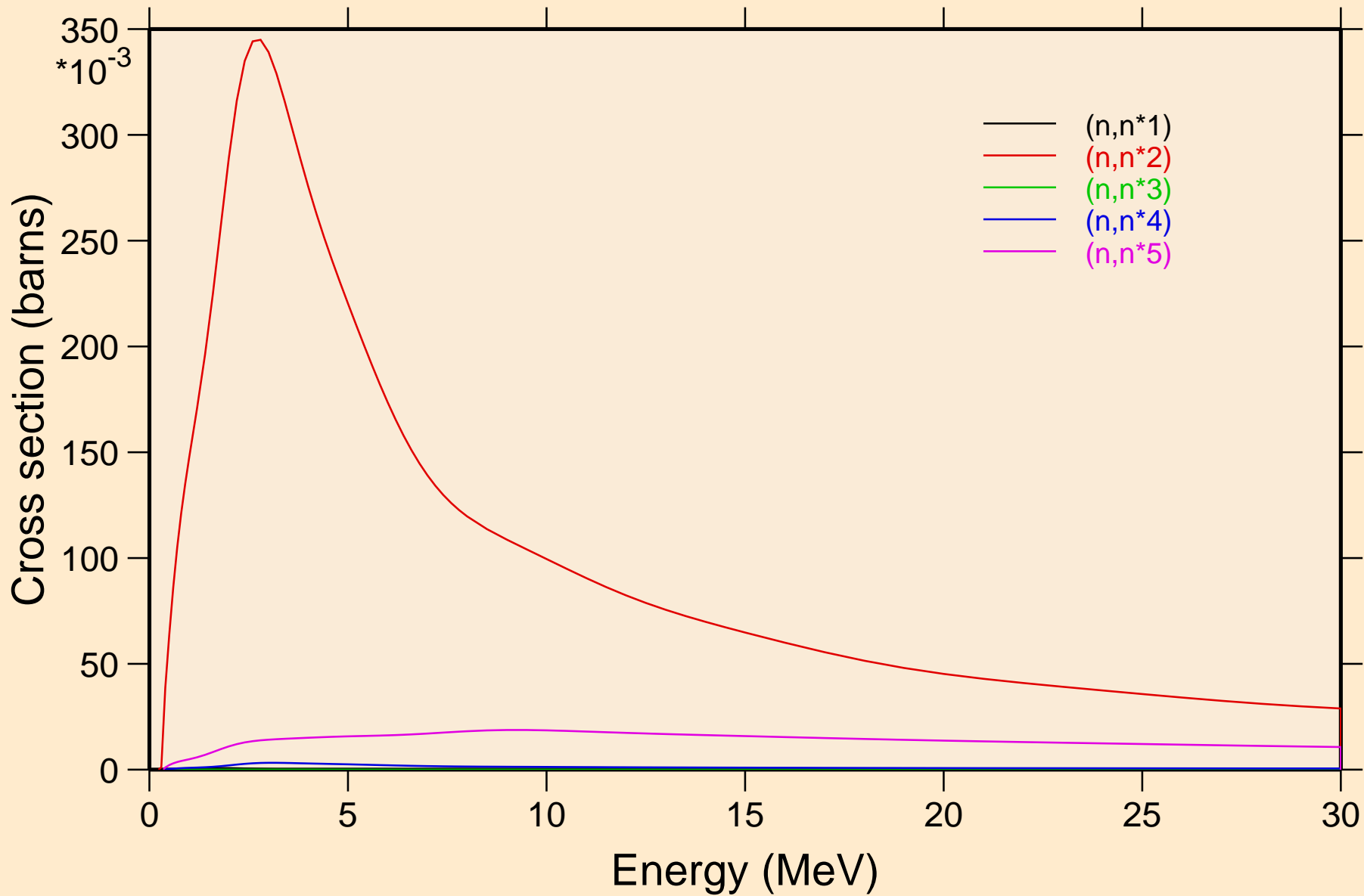
## Non-threshold reactions



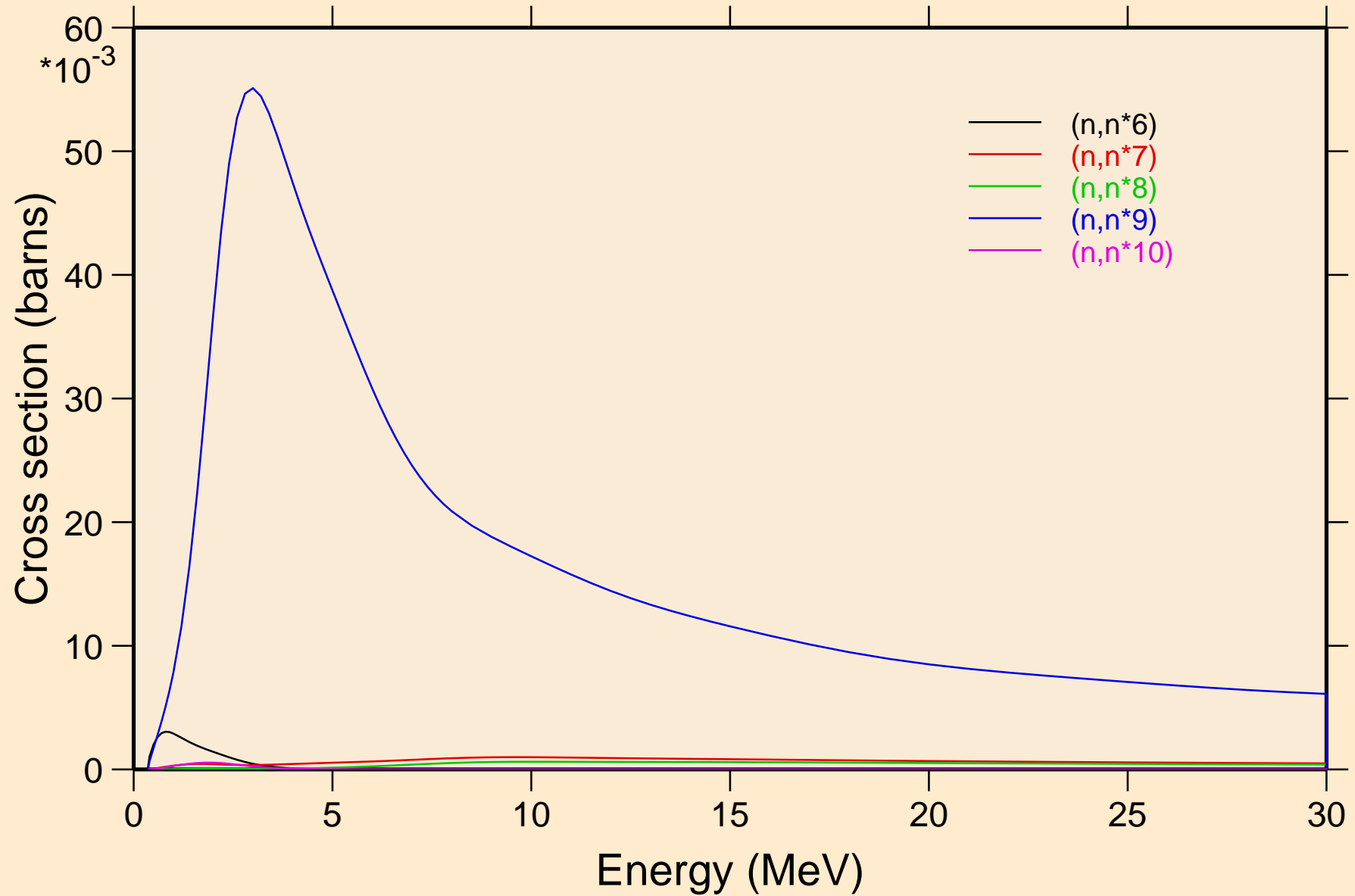
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

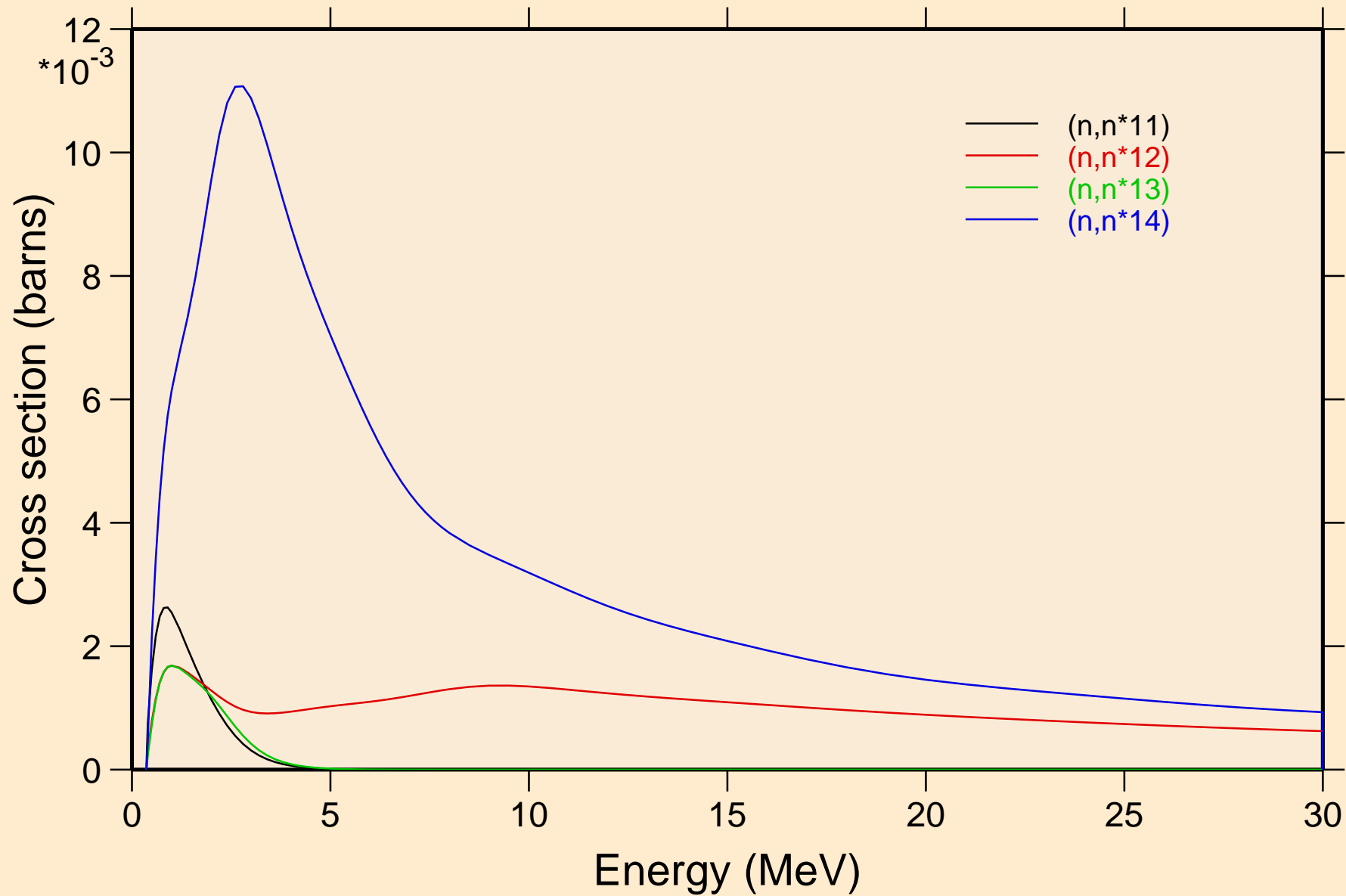


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

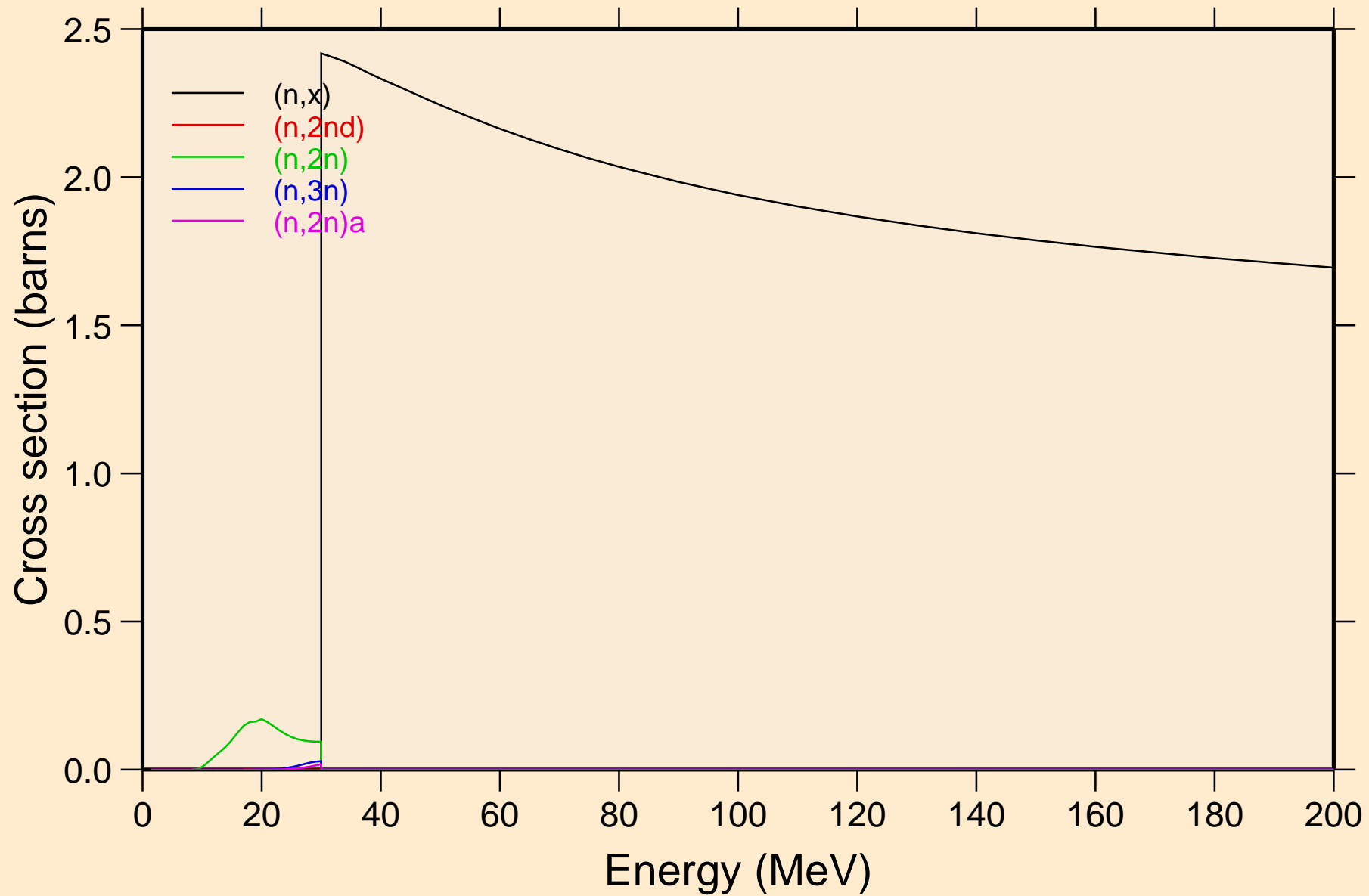




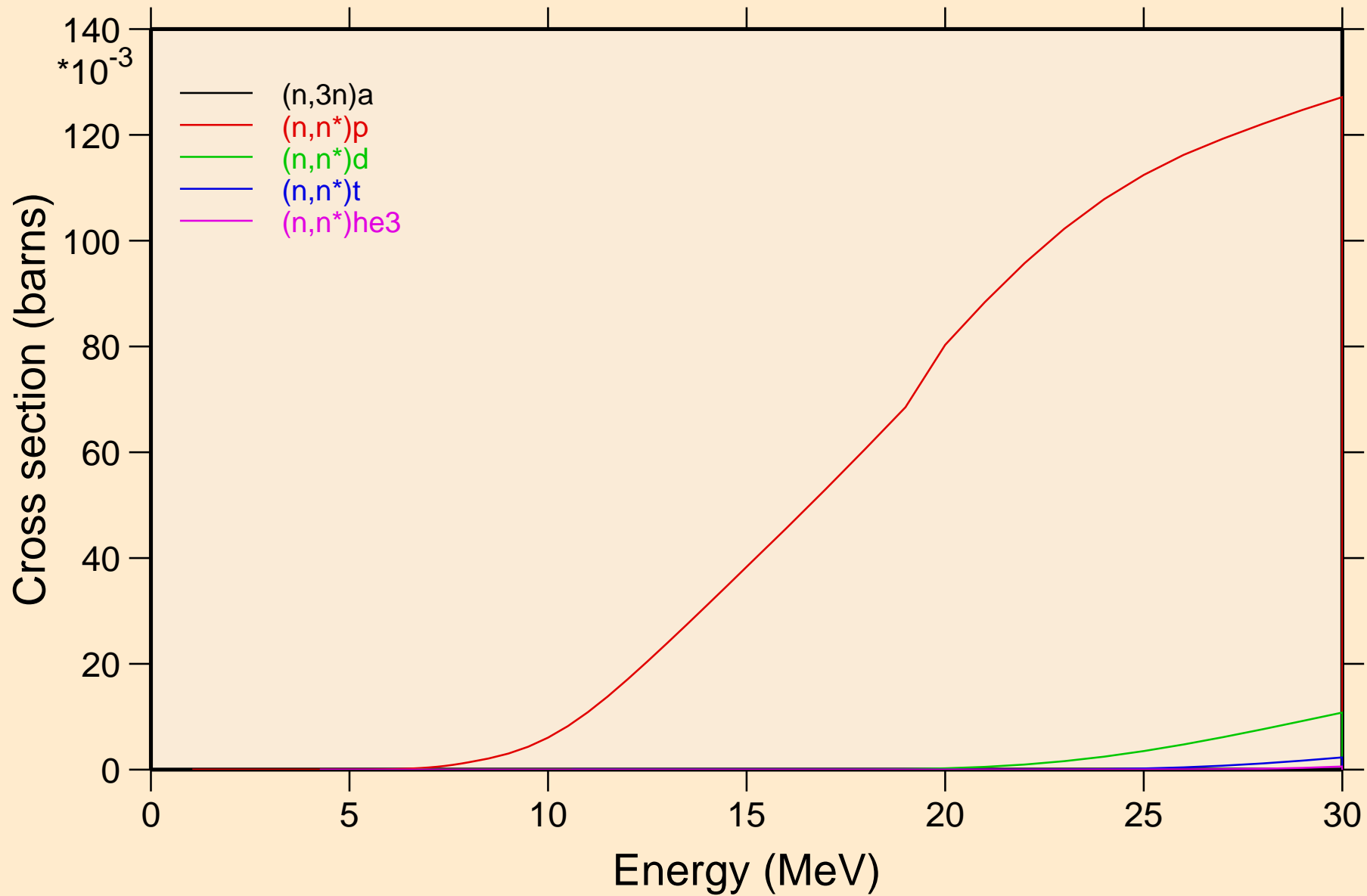
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



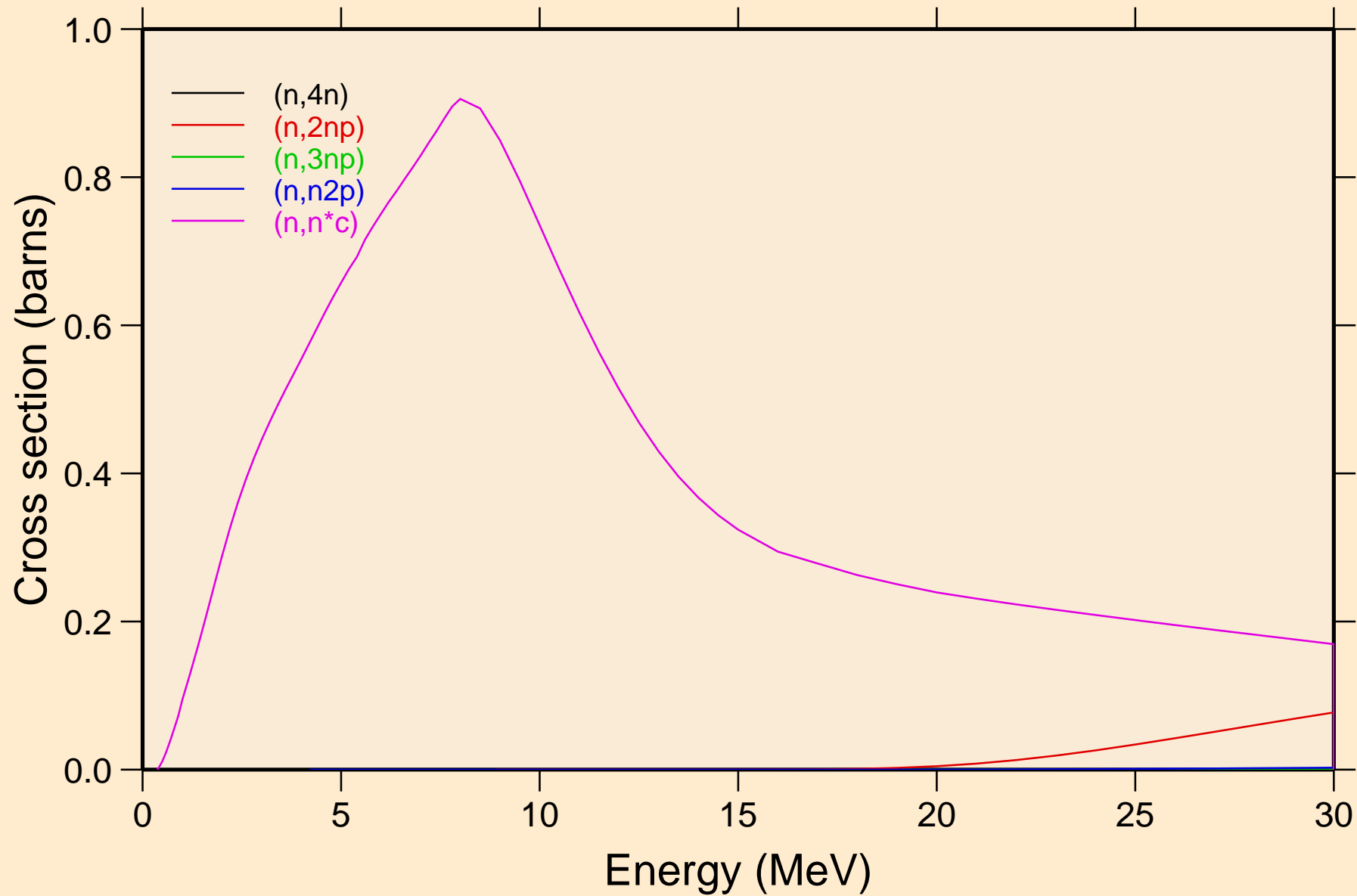
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



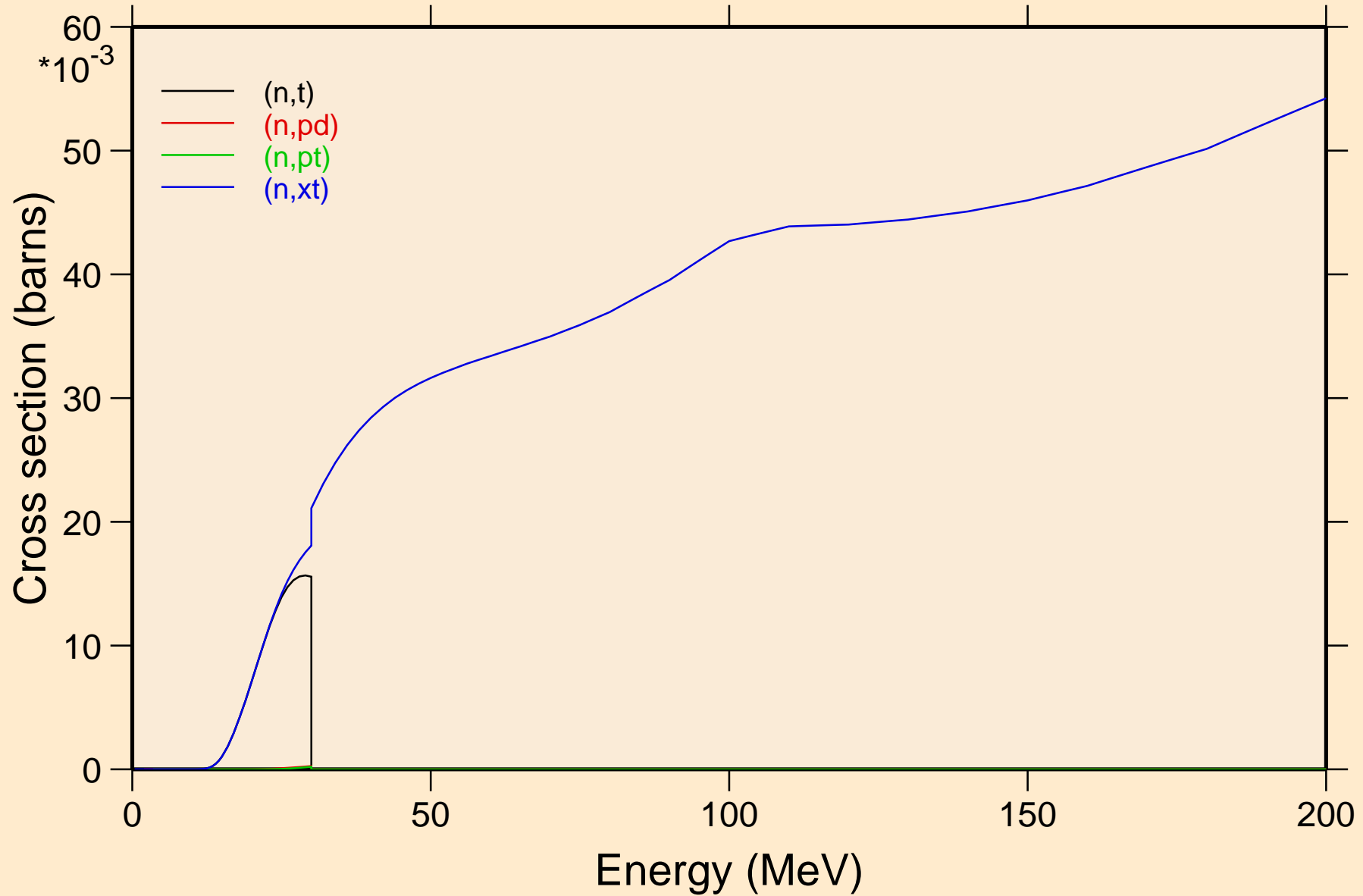
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



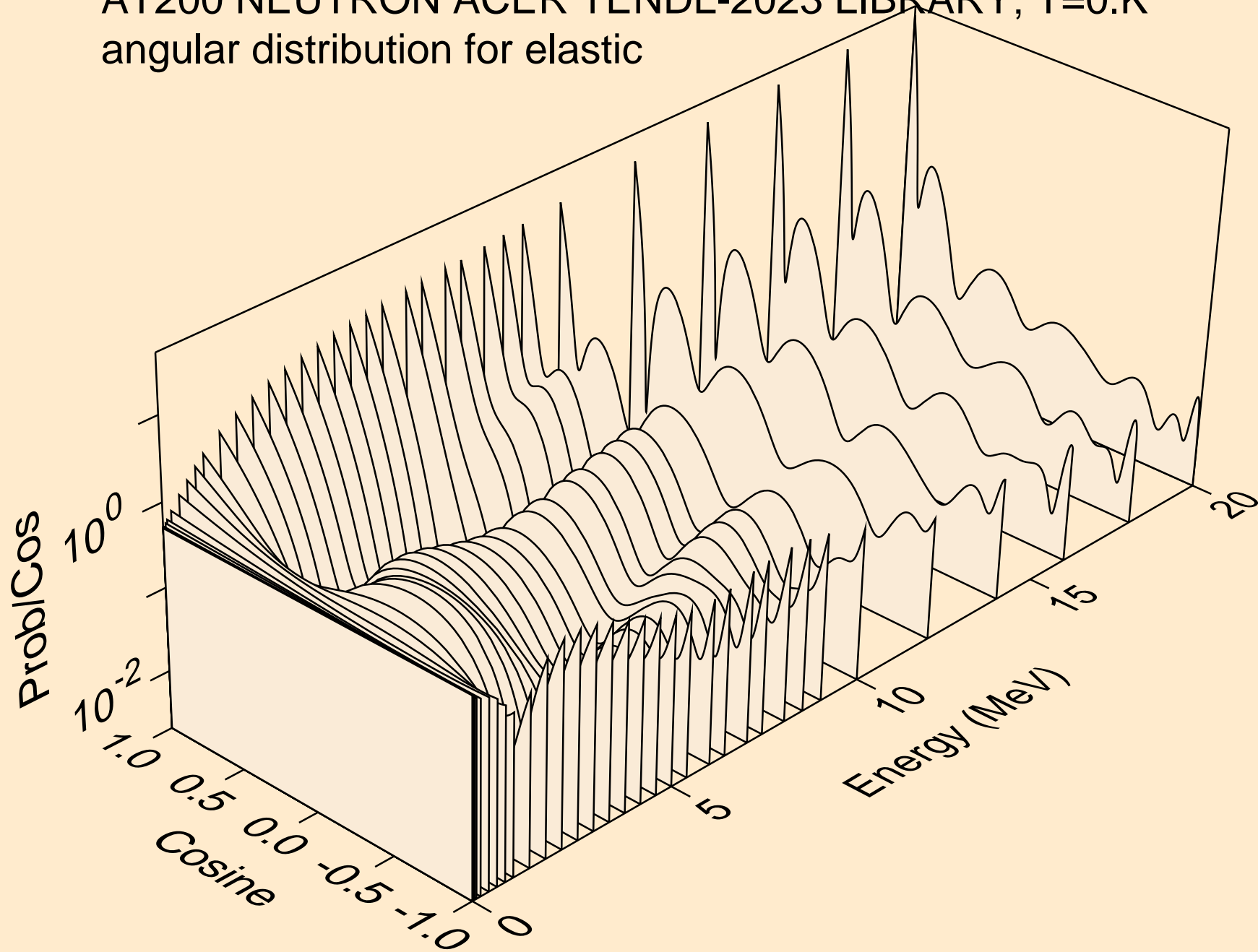
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



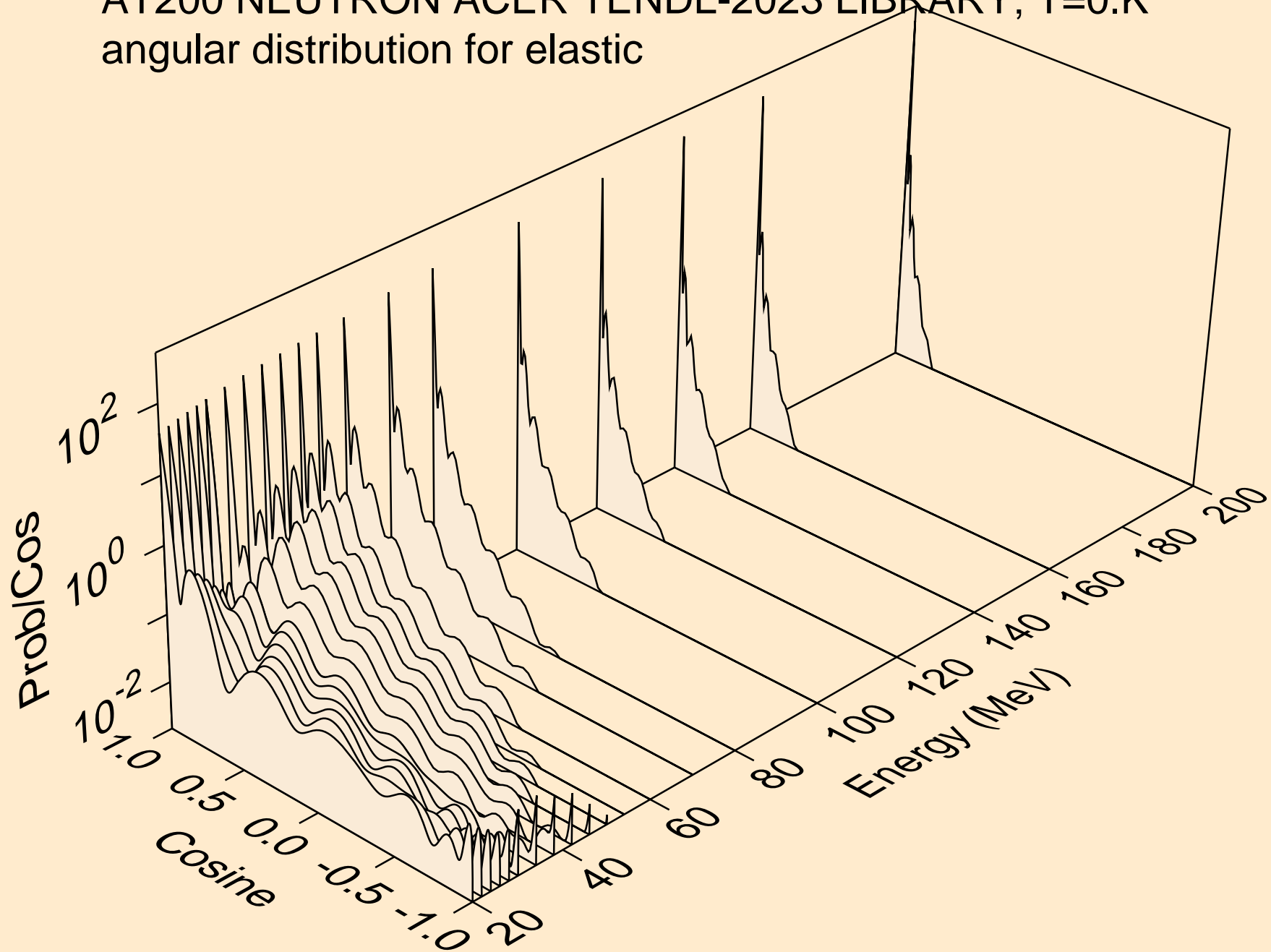
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



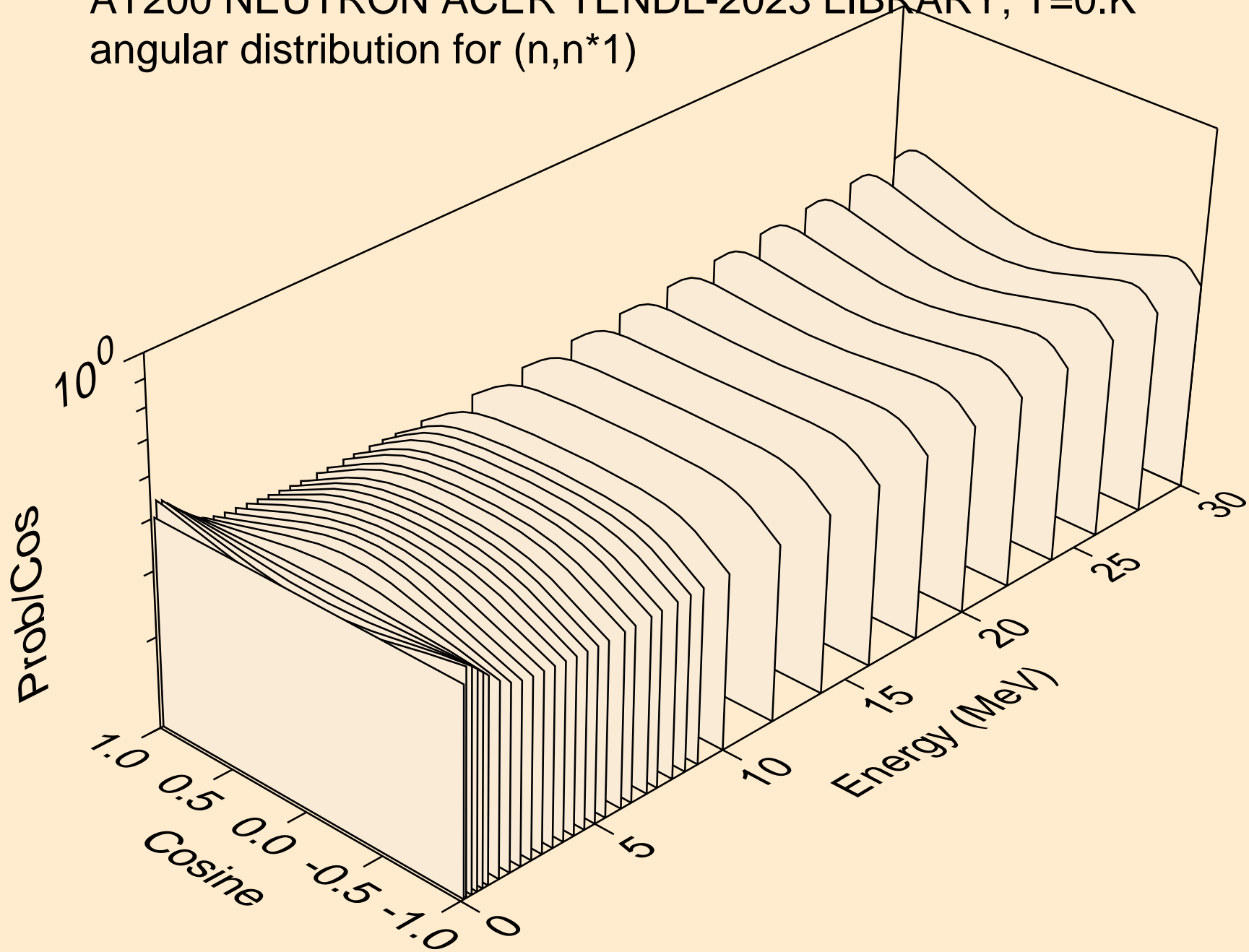
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

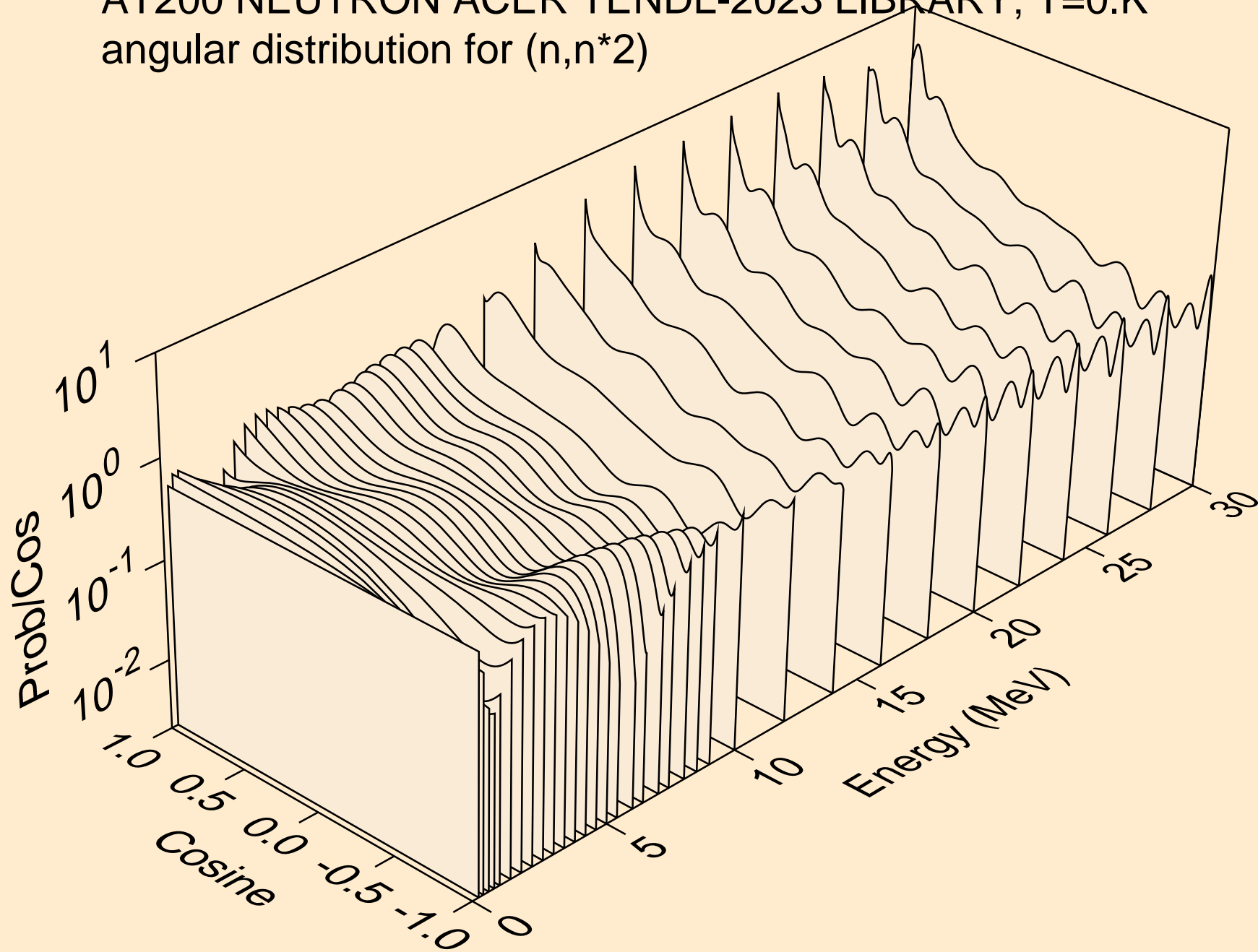


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

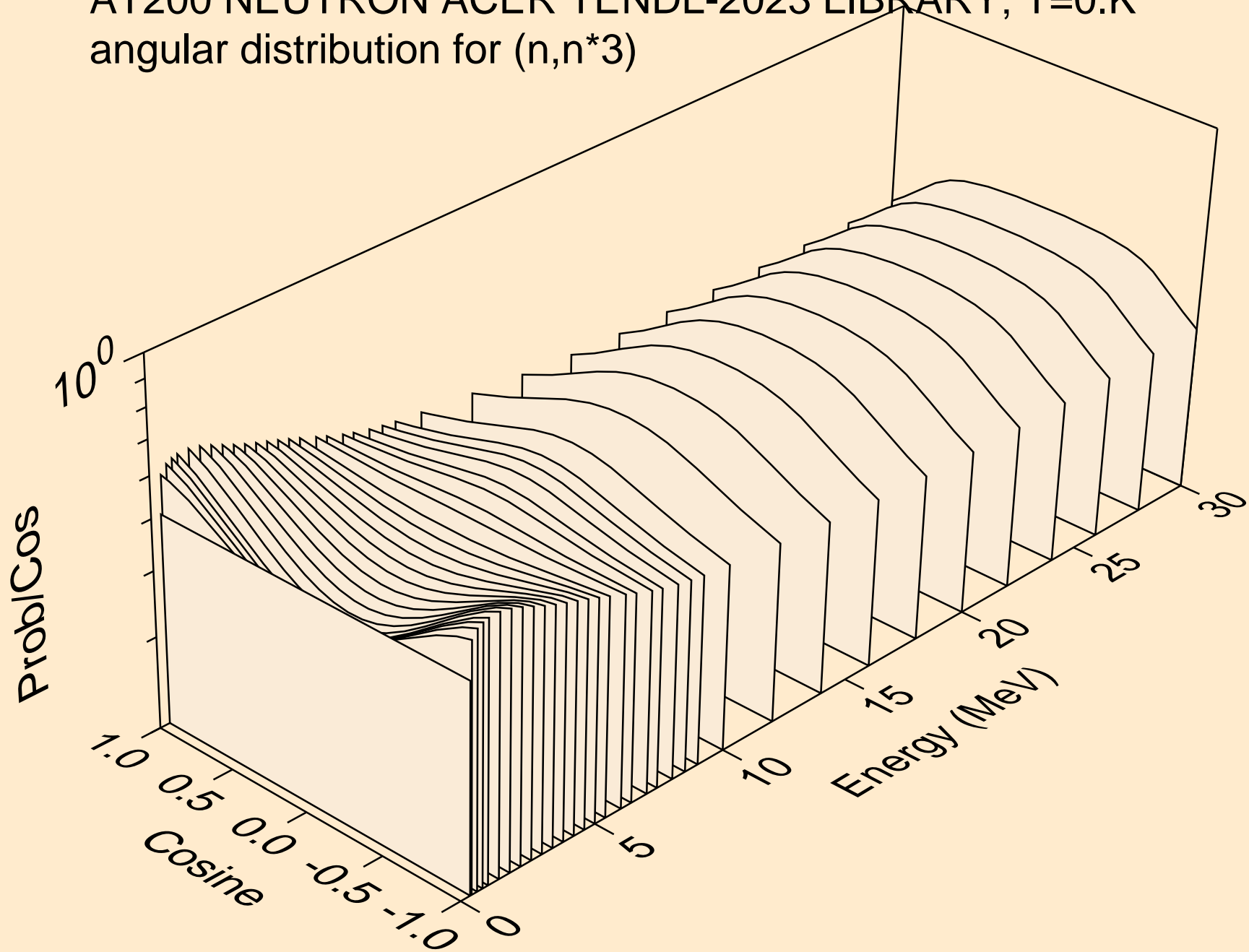




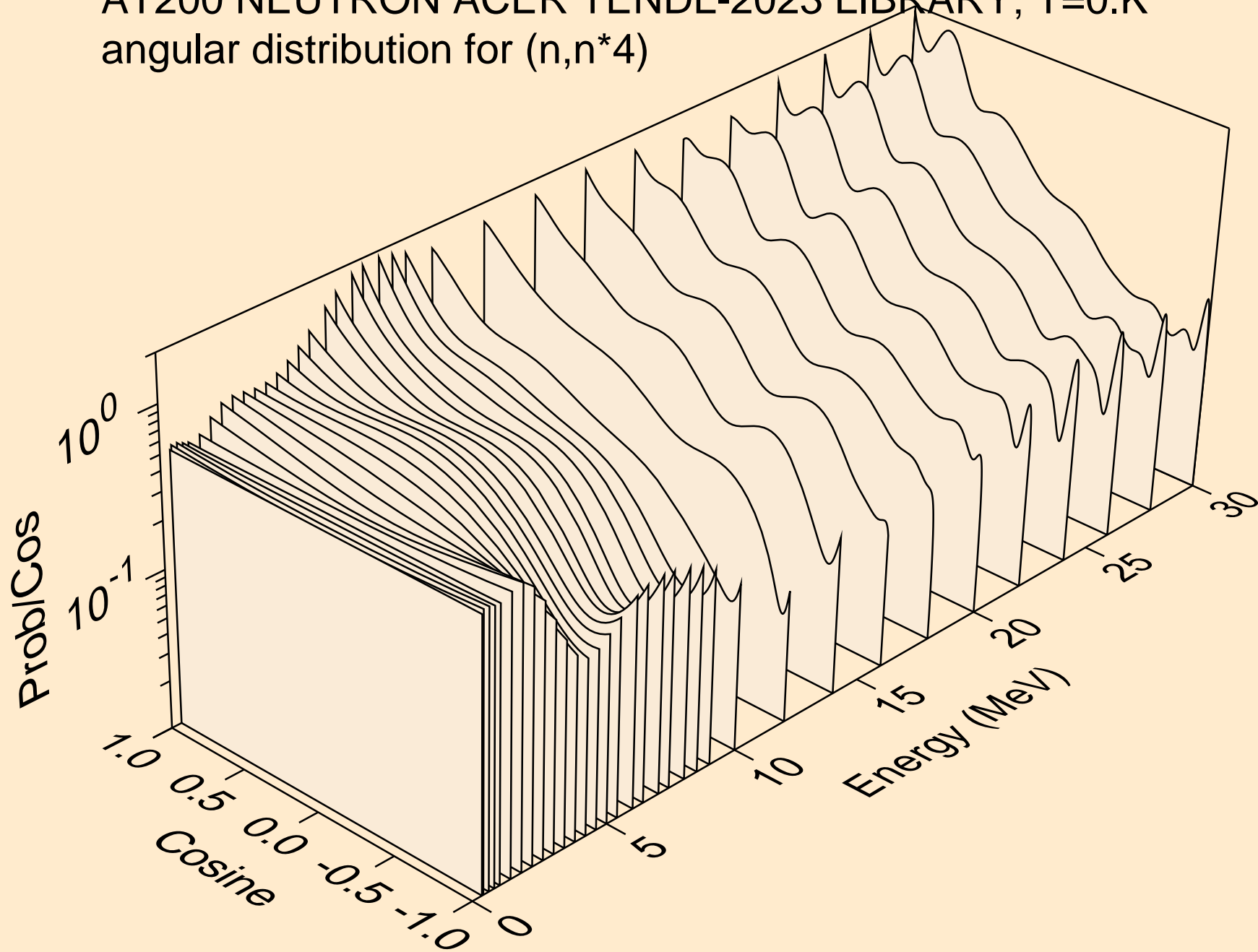
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angular distribution for (n,n\*2)



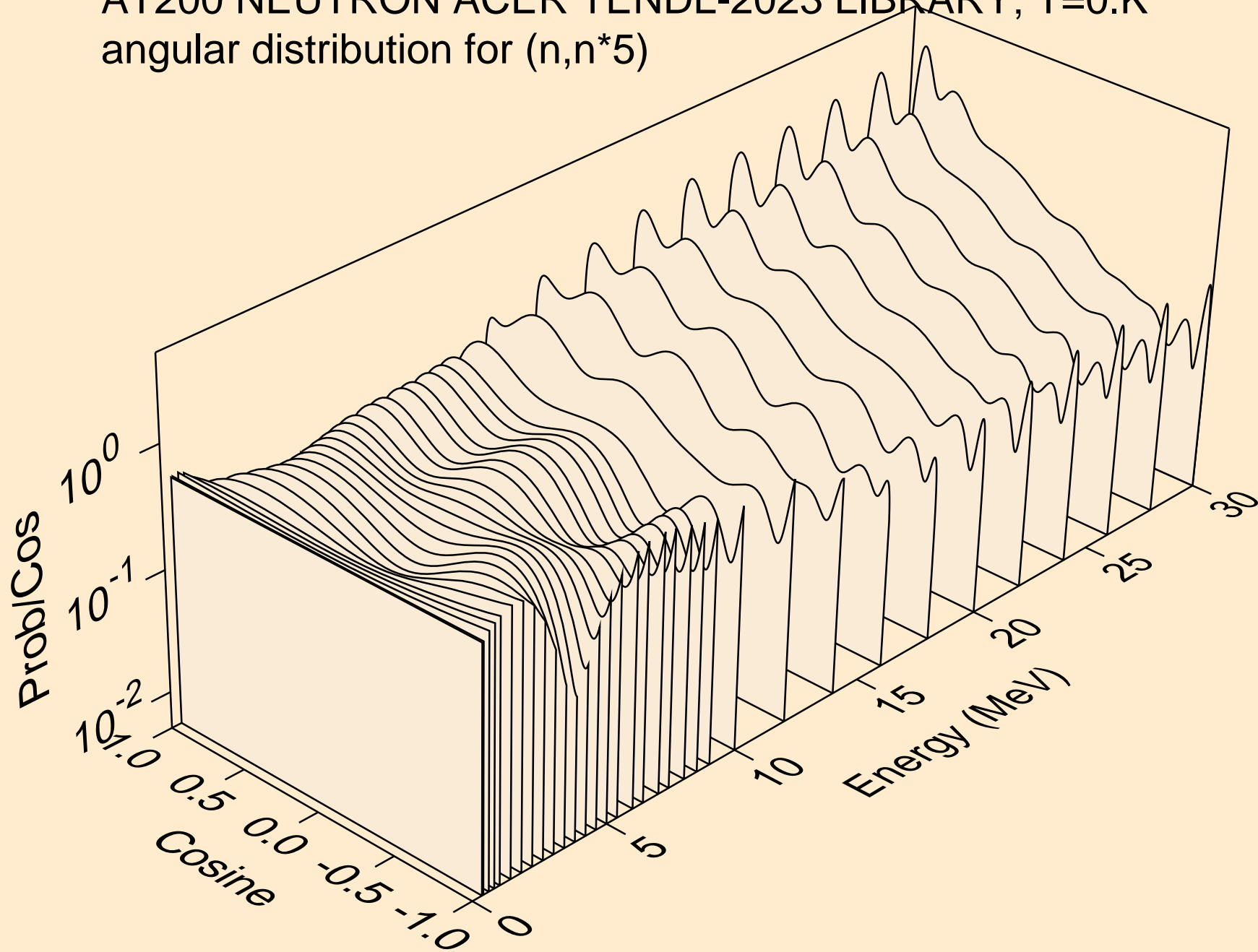
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angular distribution for (n,n\*3)



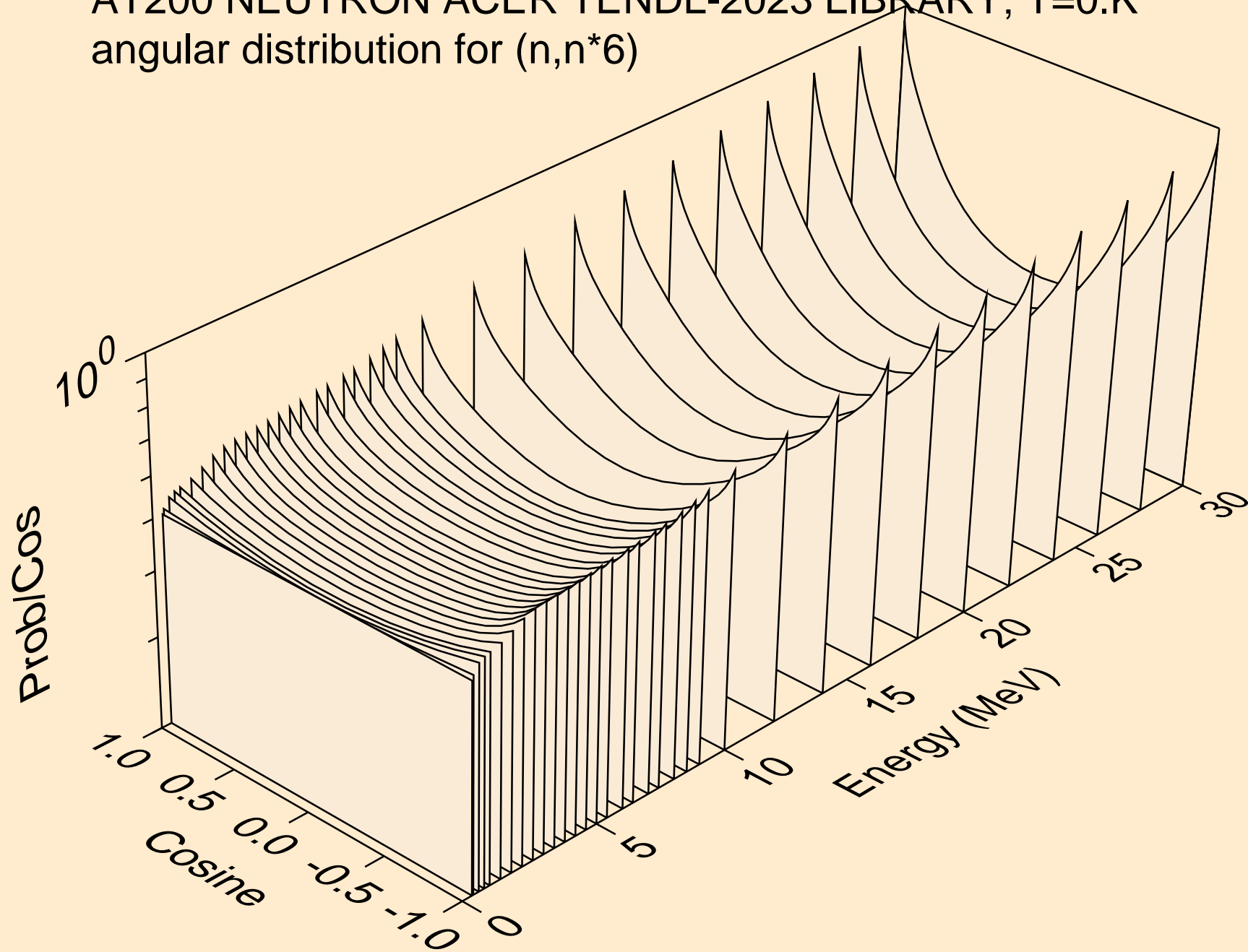
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angular distribution for (n,n\*4)



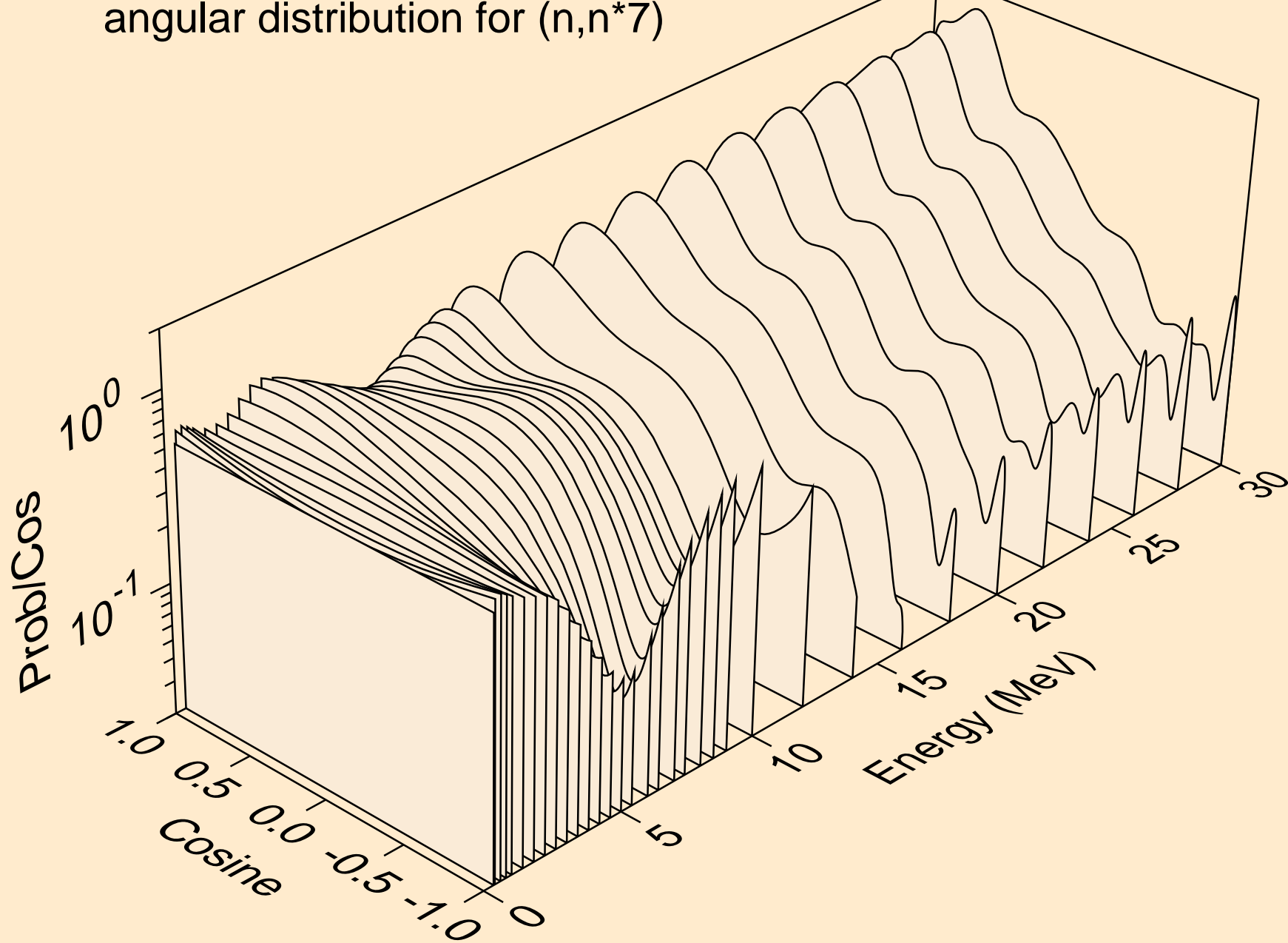
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angular distribution for (n,n\*5)



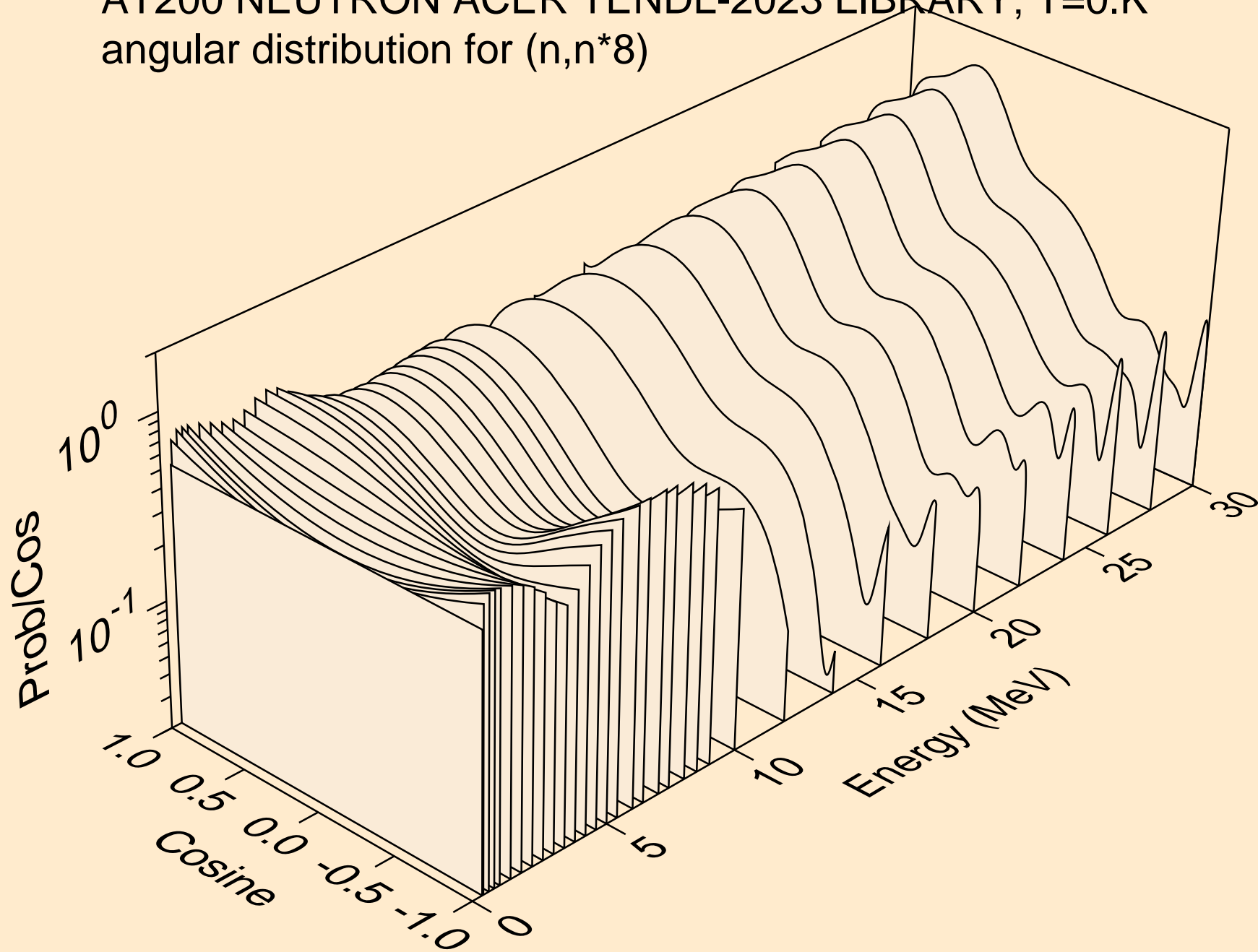
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angular distribution for (n,n\*6)



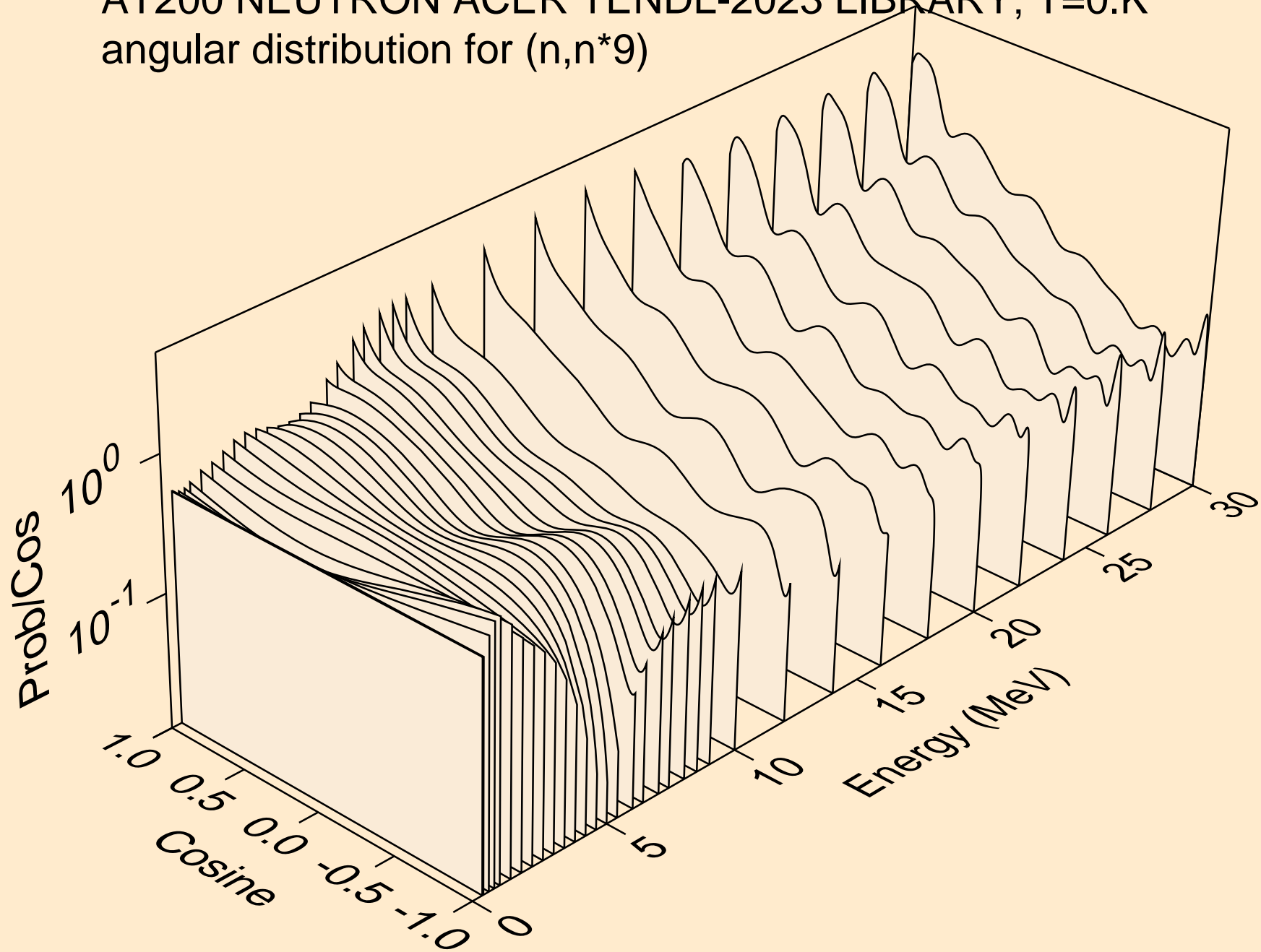
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

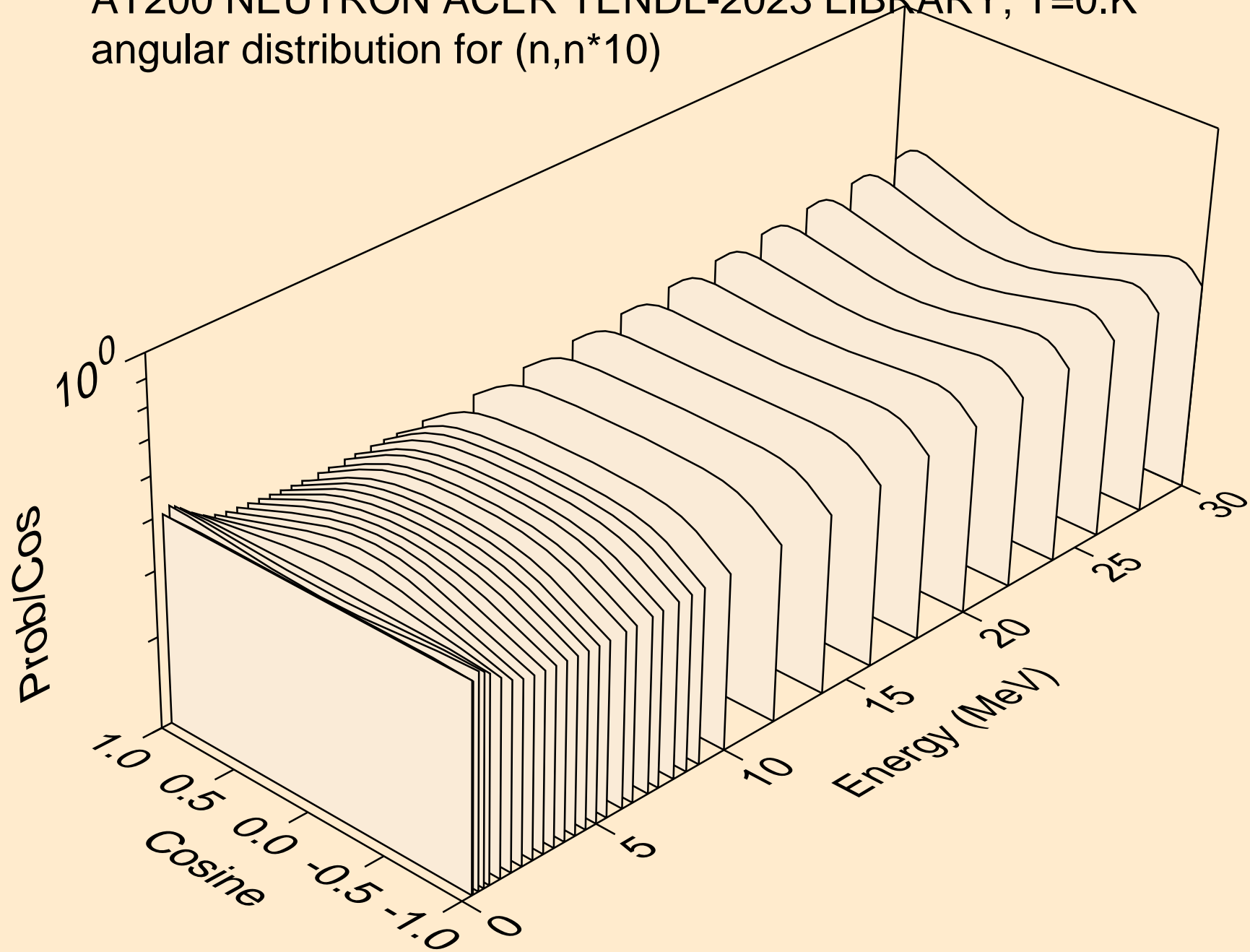


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angular distribution for (n,n\*9)

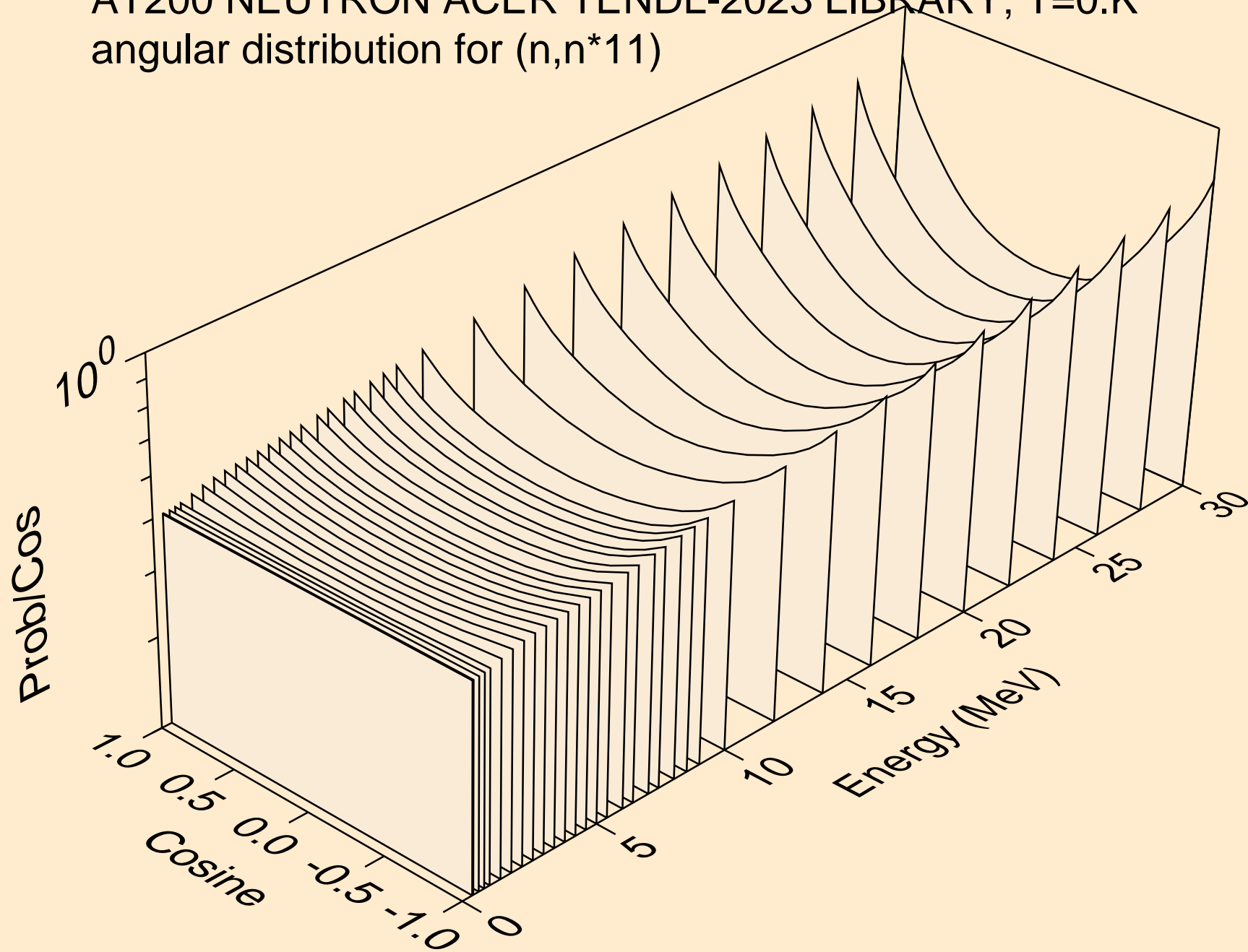




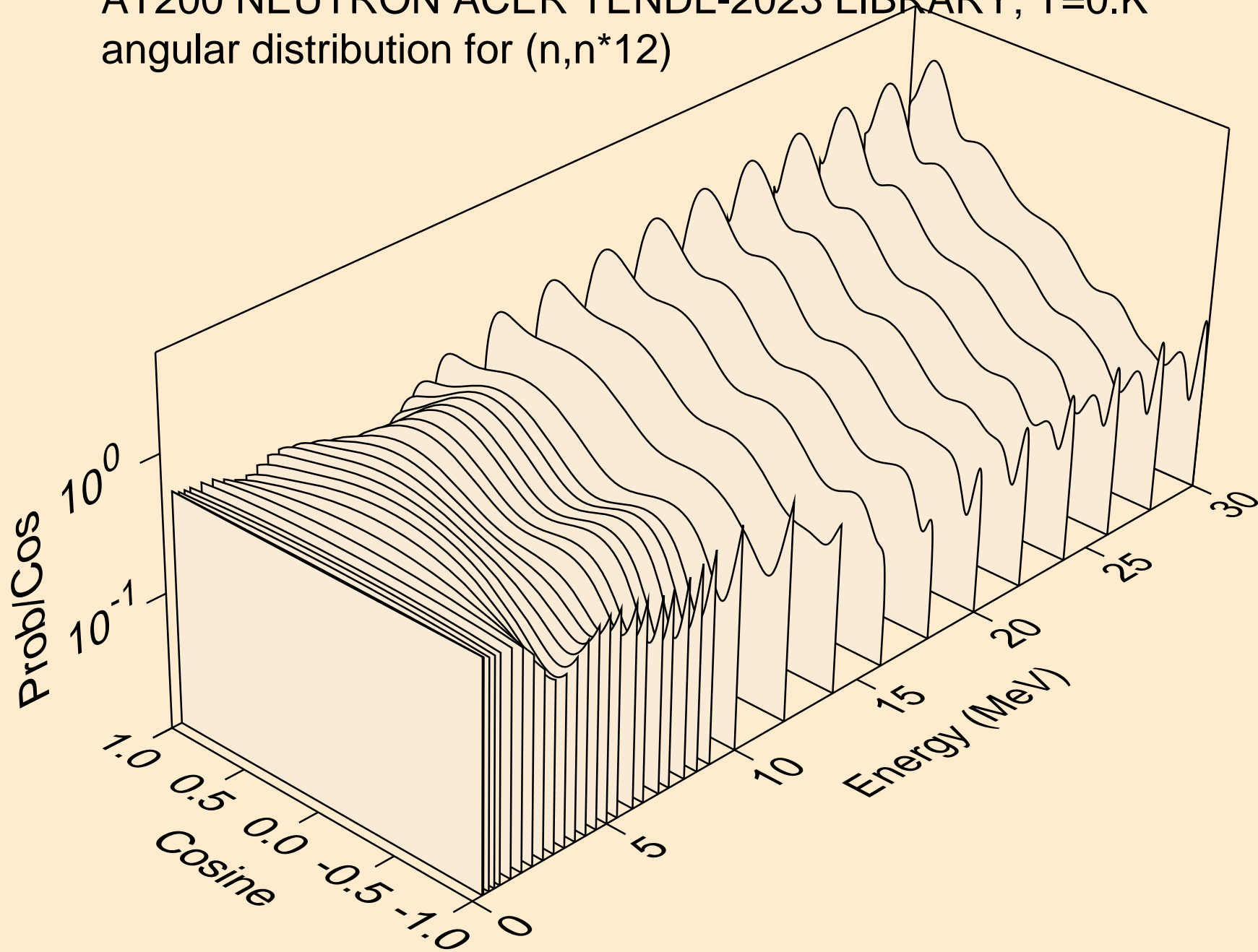
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angular distribution for (n,n\*10)



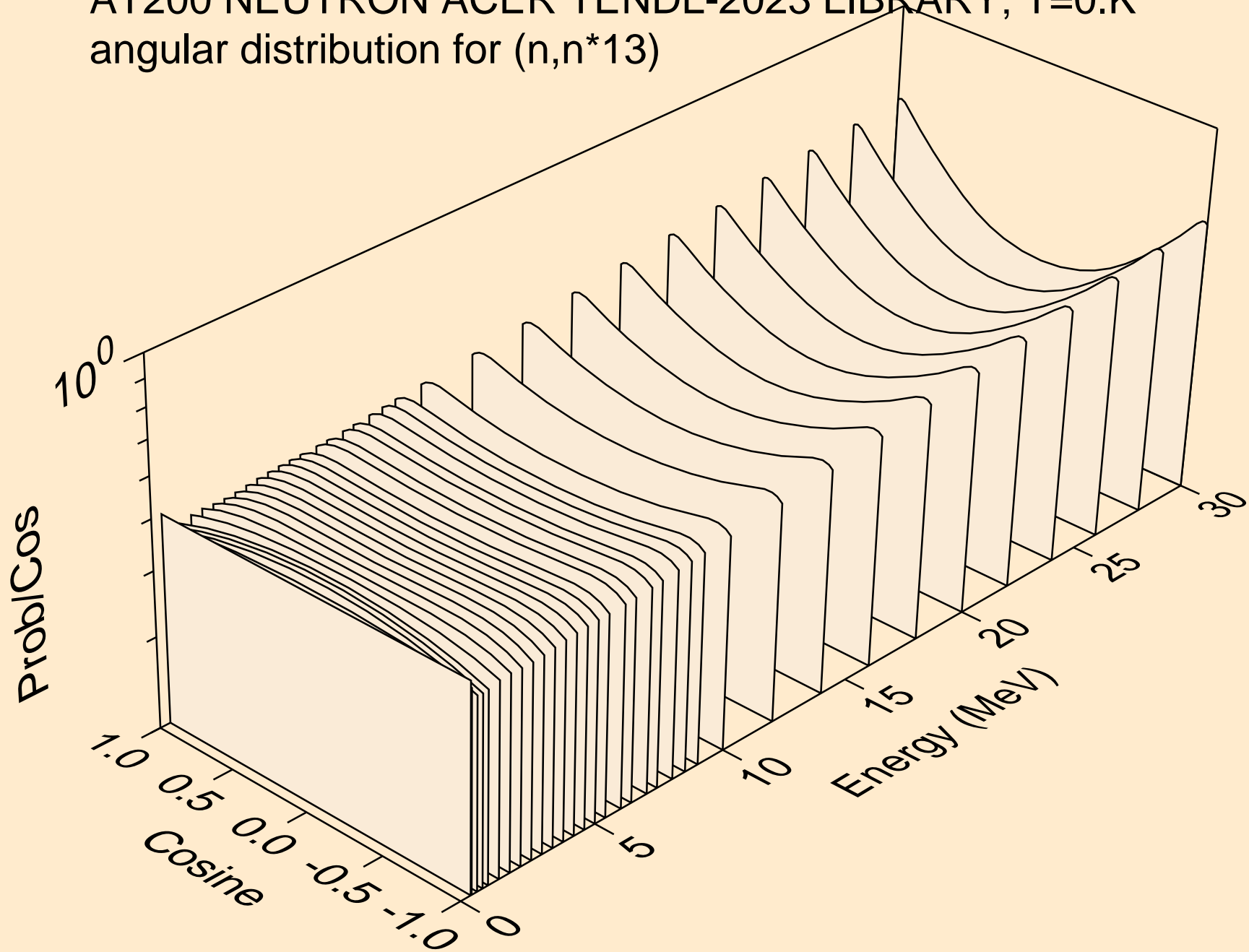
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angular distribution for (n,n\*11)



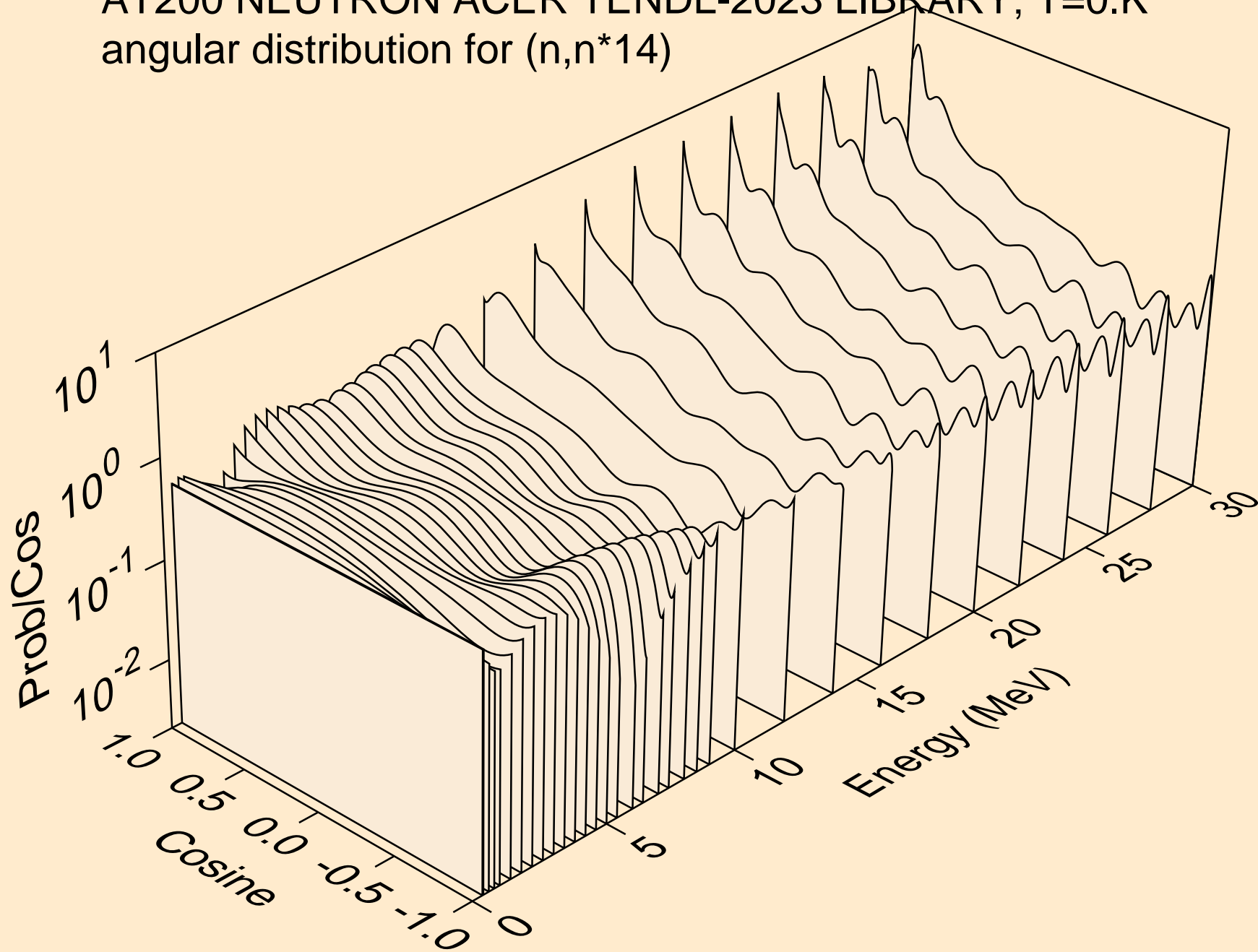
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angular distribution for (n,n\*12)



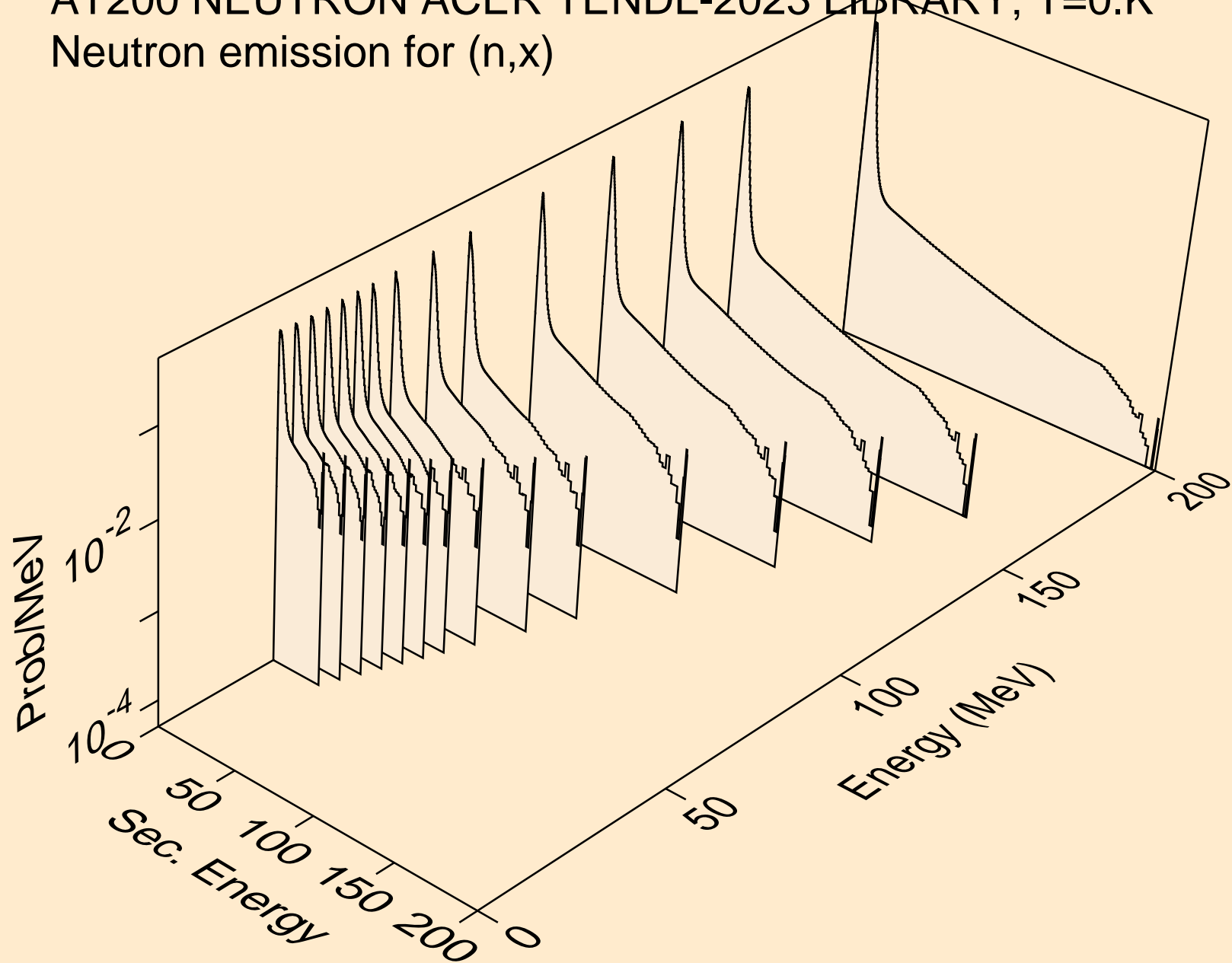
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angular distribution for (n,n\*13)



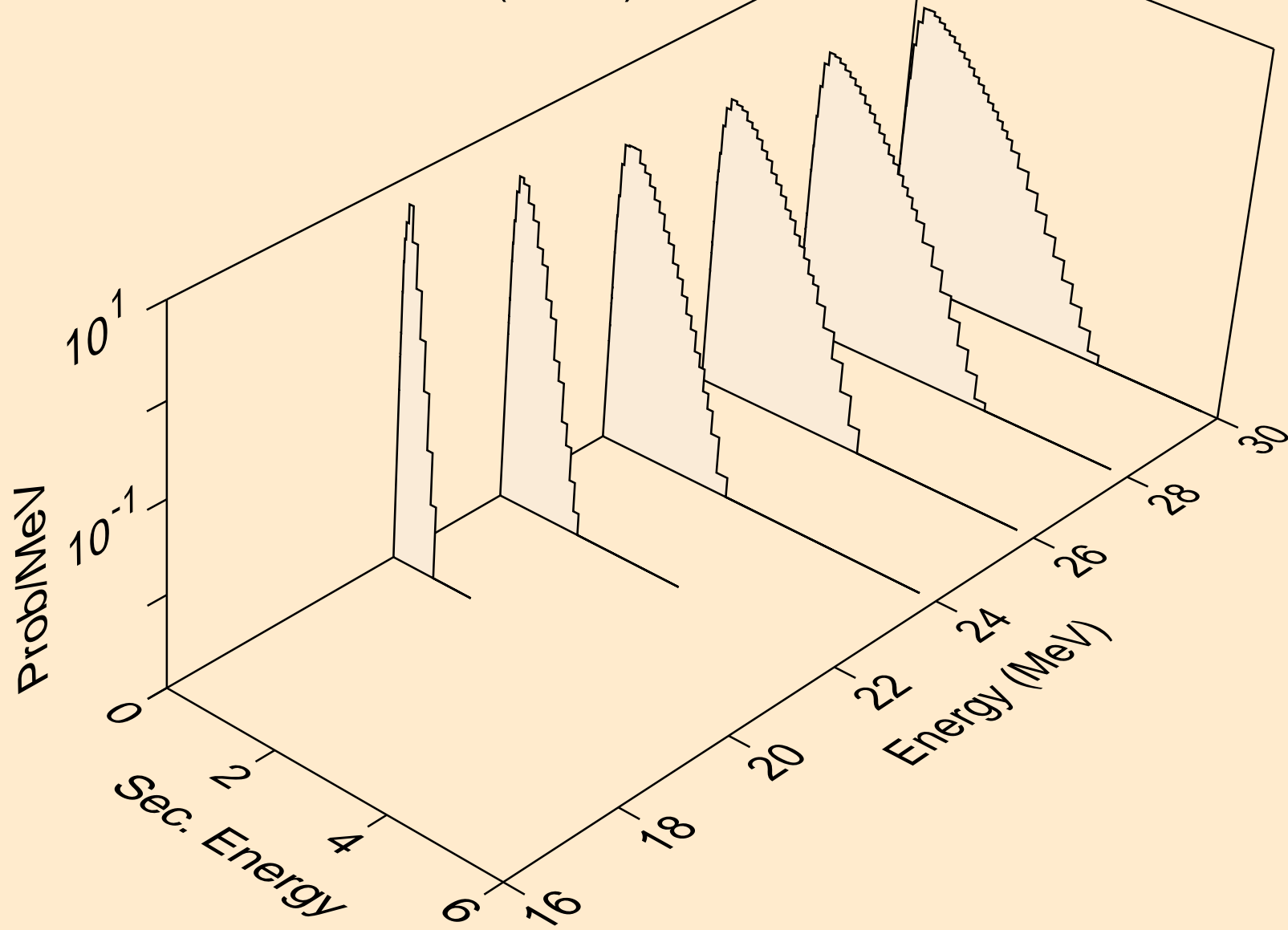
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angular distribution for (n,n\*14)



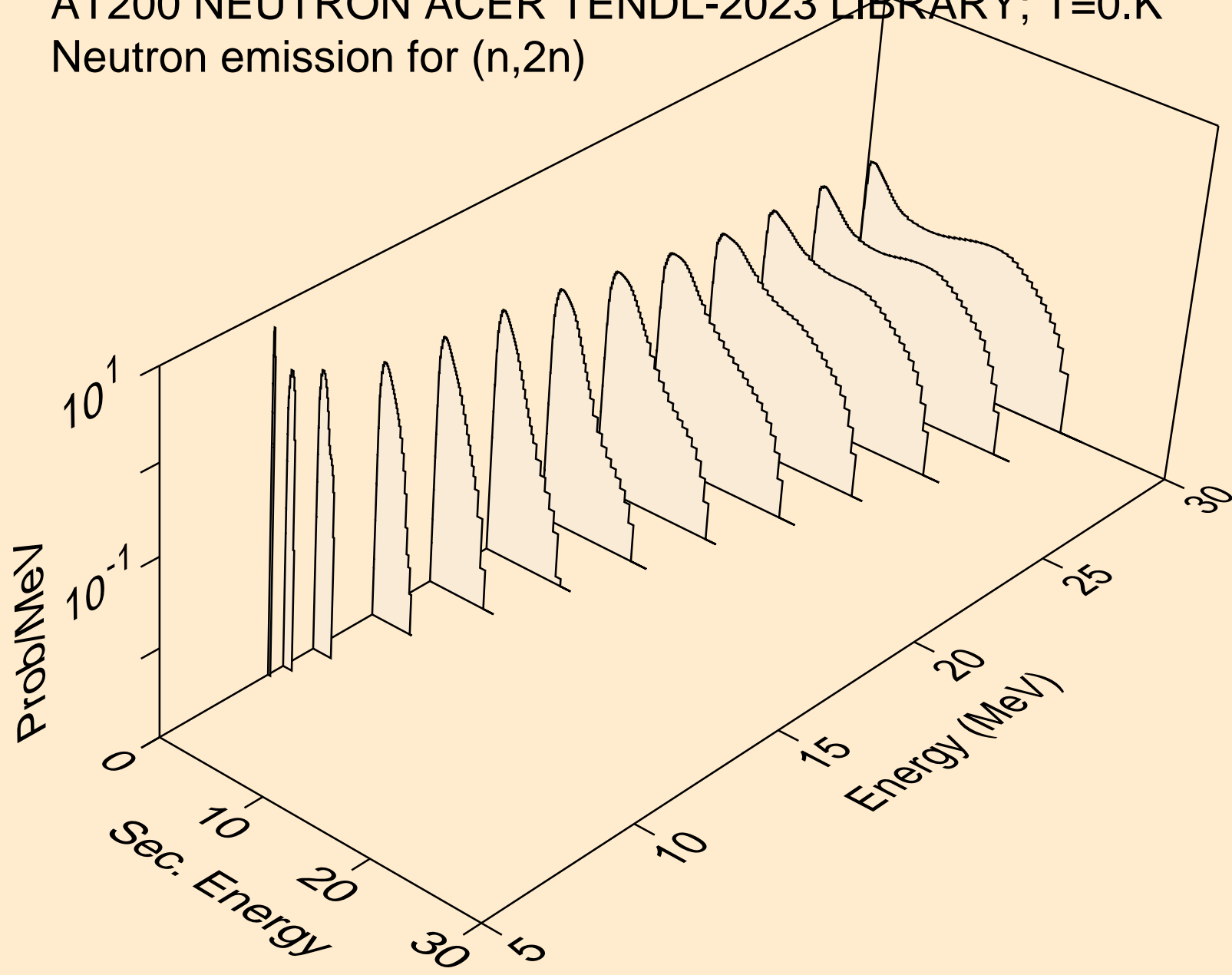
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

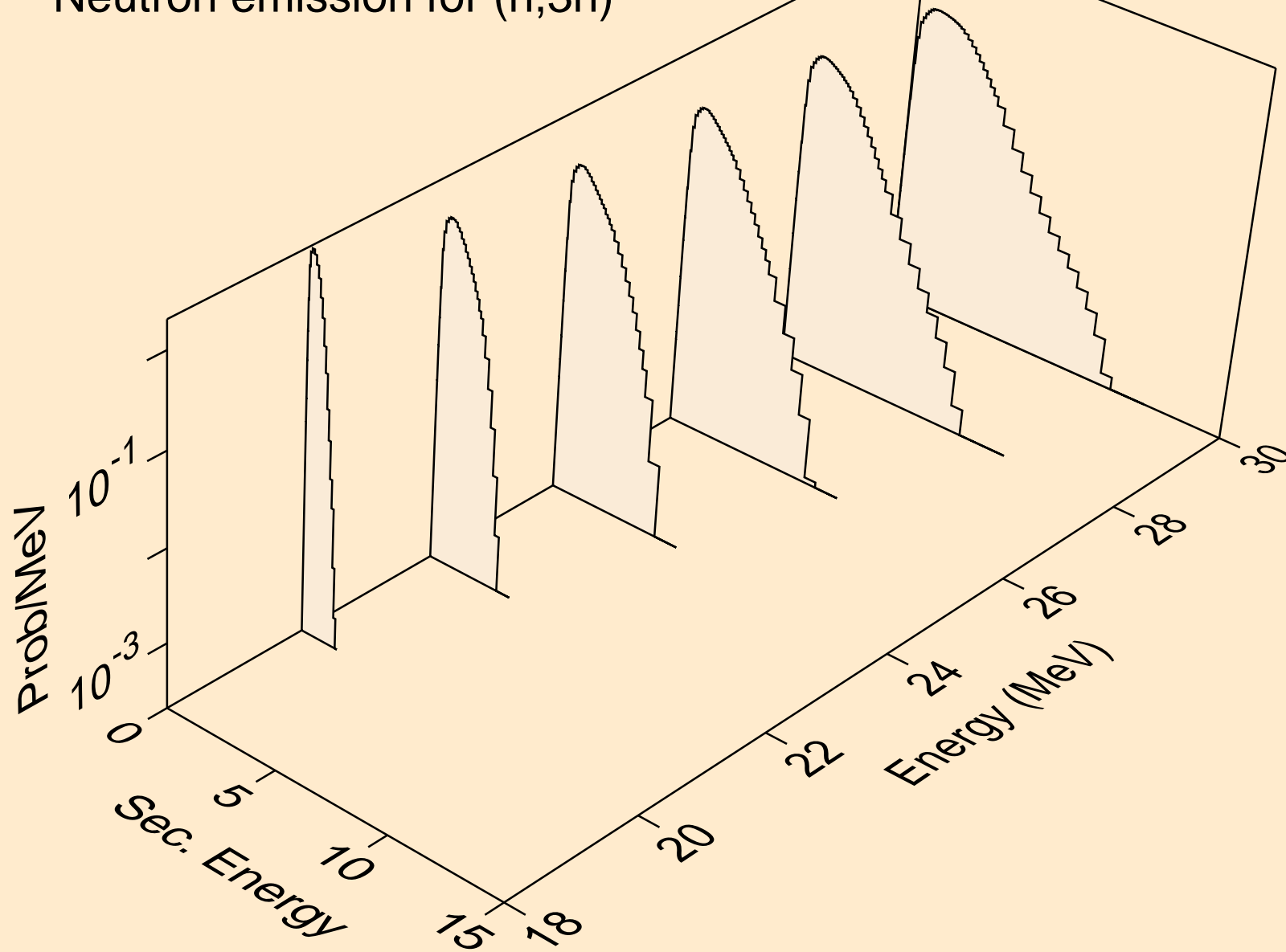


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

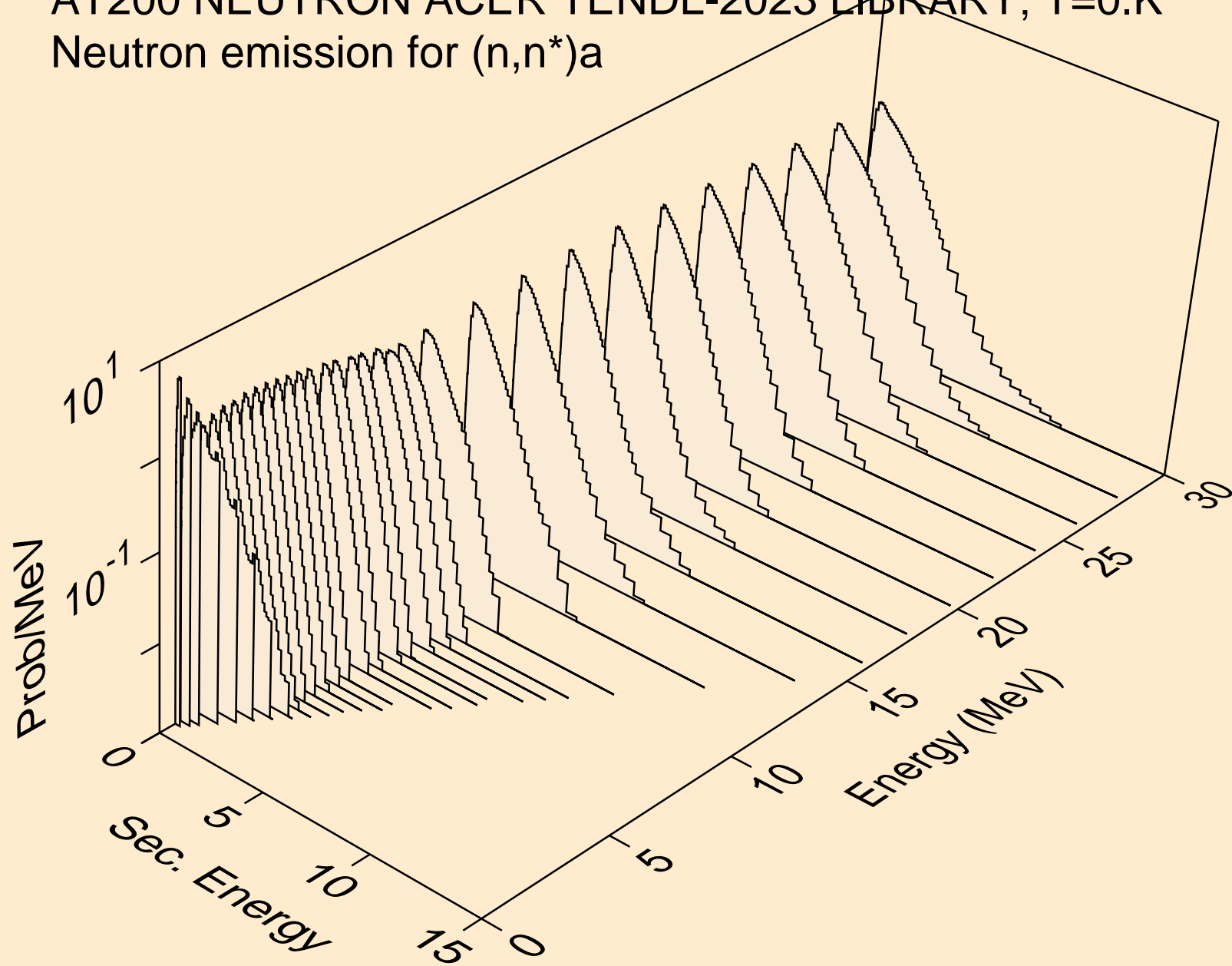




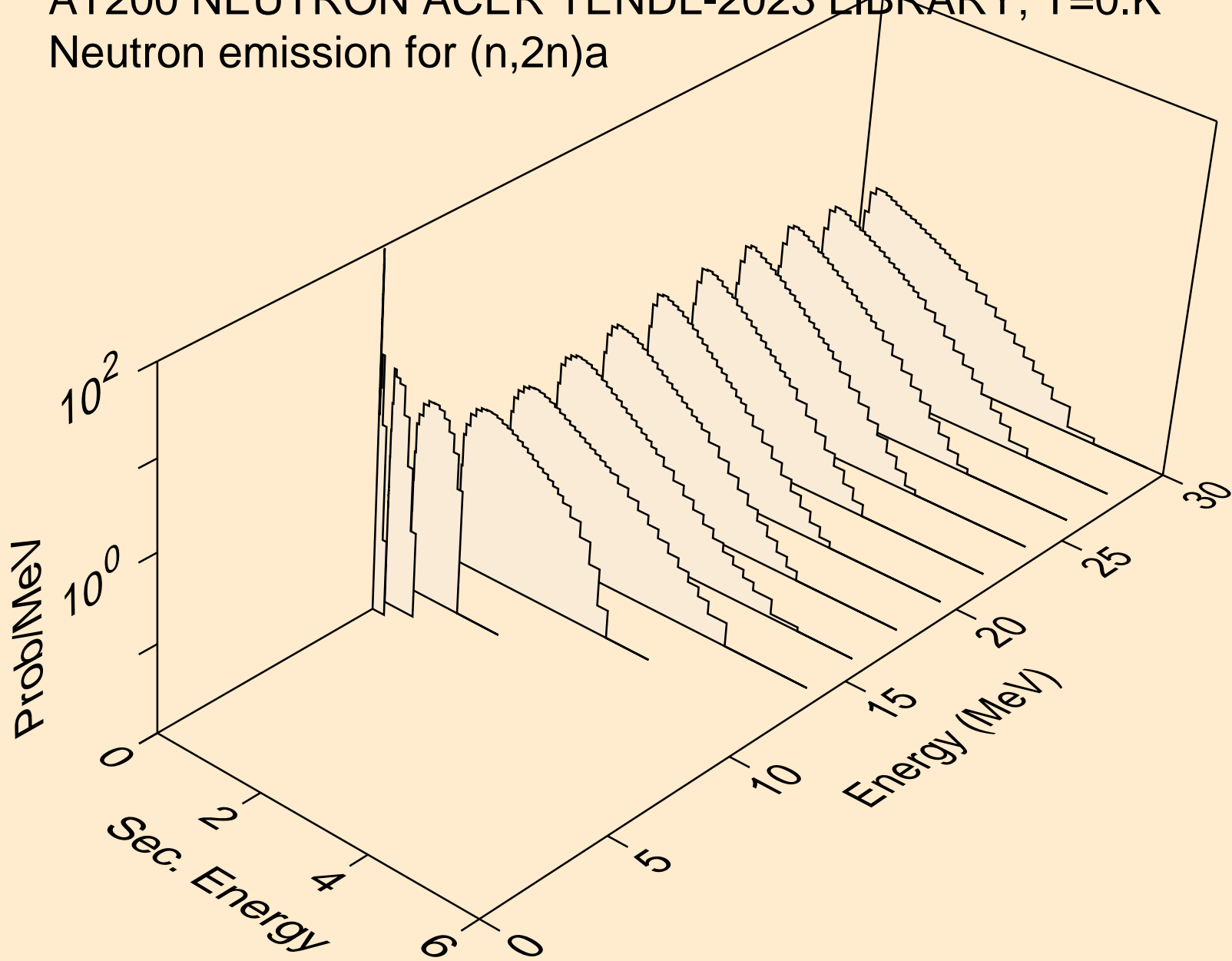
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



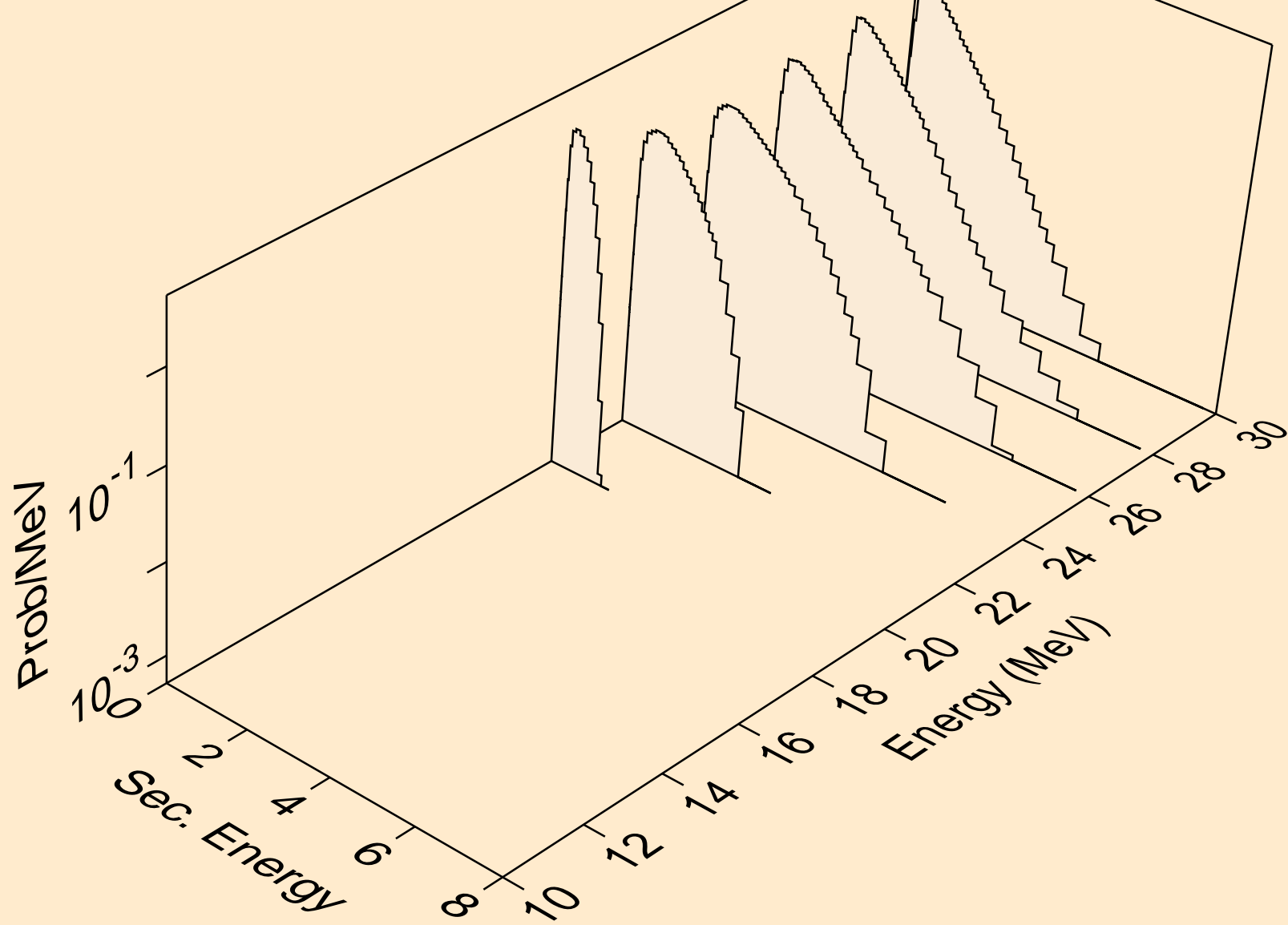
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



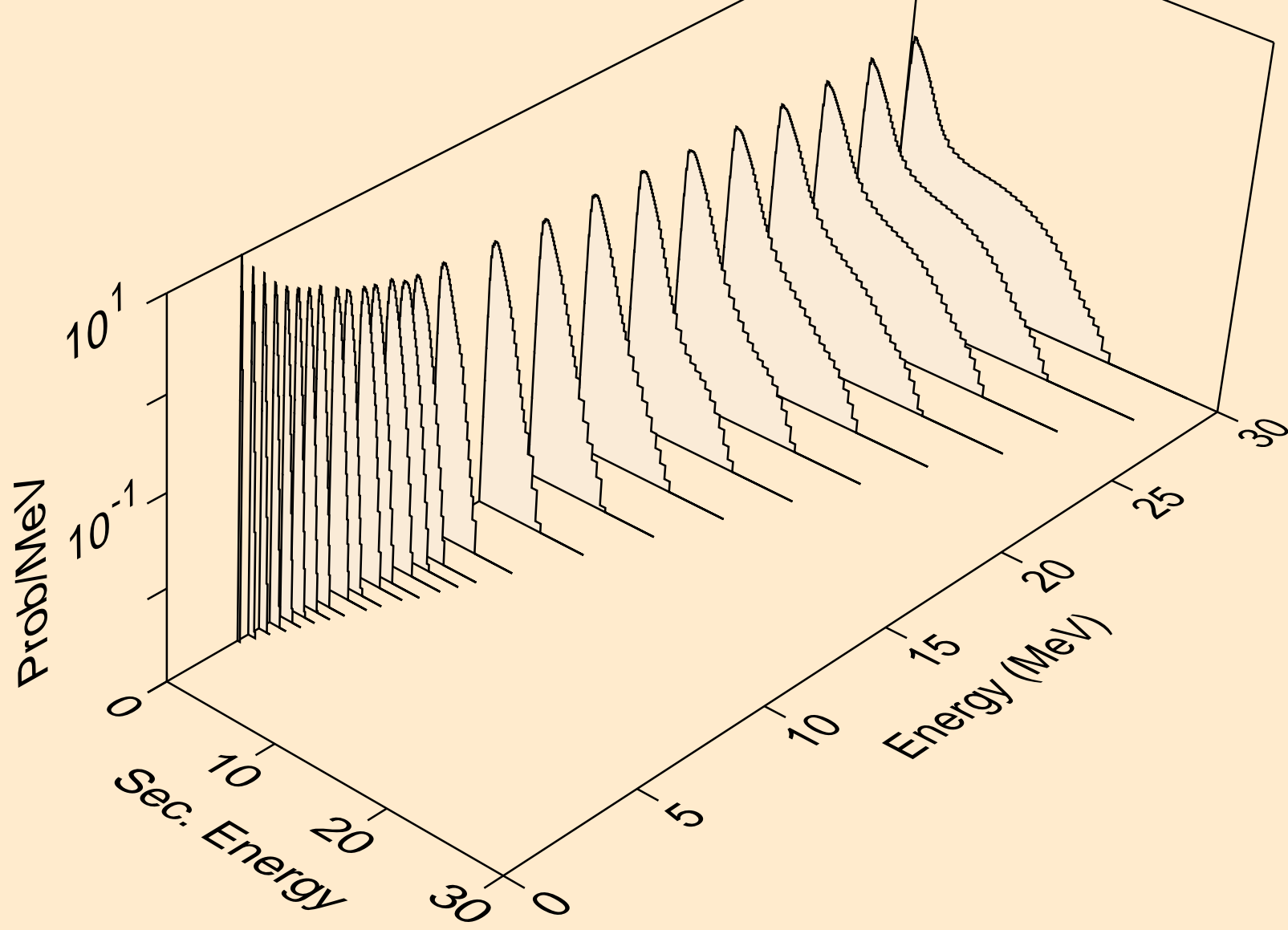
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Neutron emission for (n,2n)a



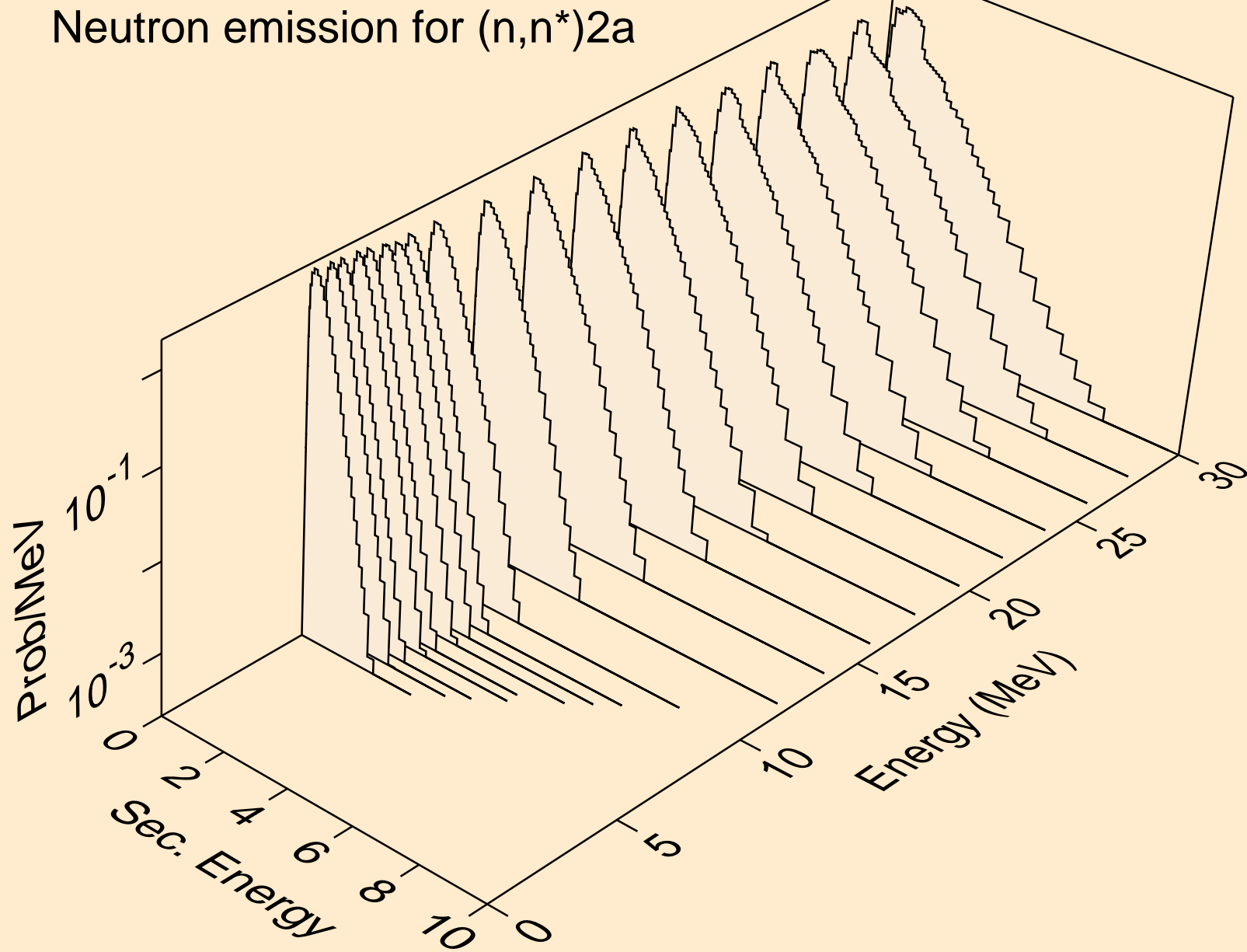
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Neutron emission for (n,3n)a



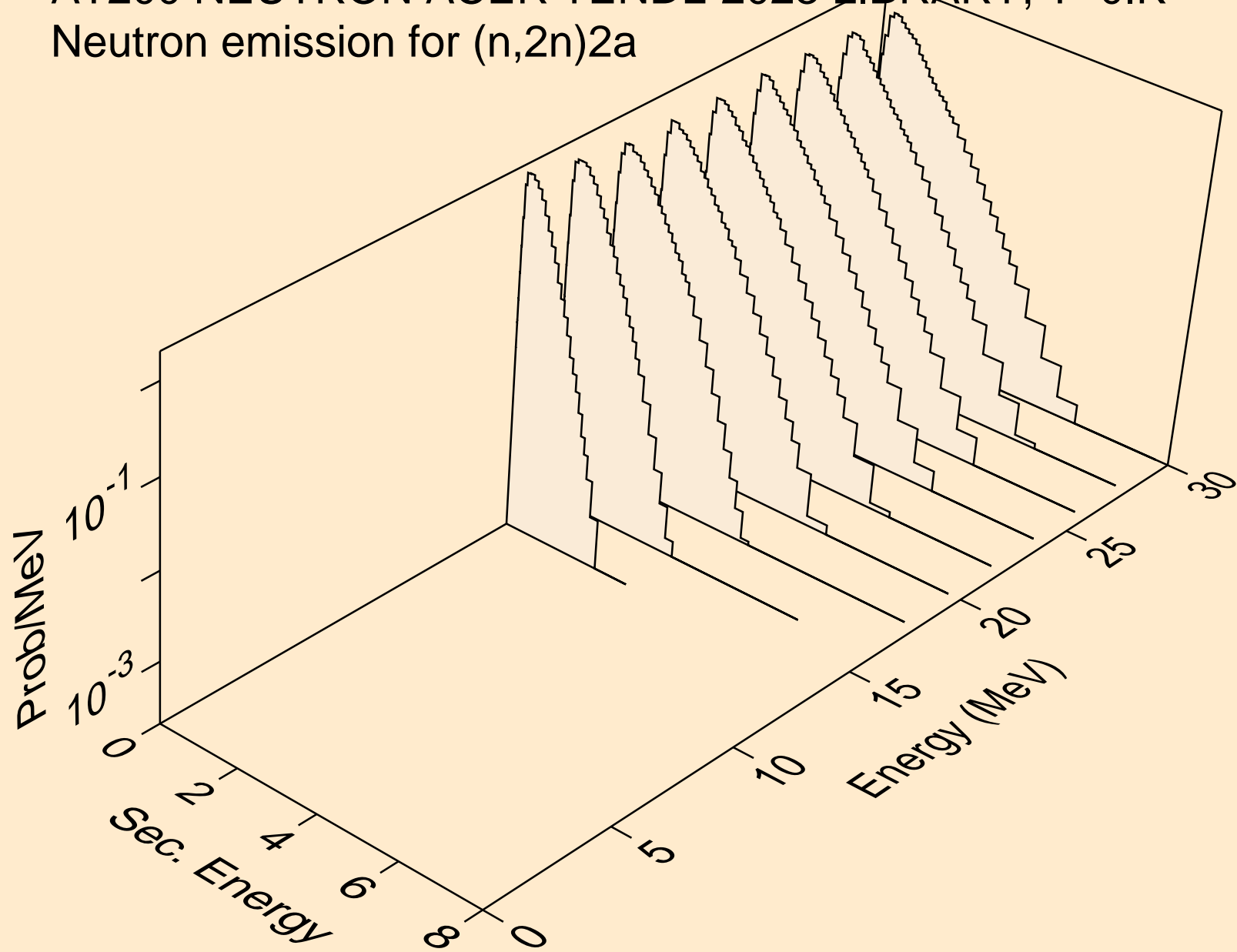
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



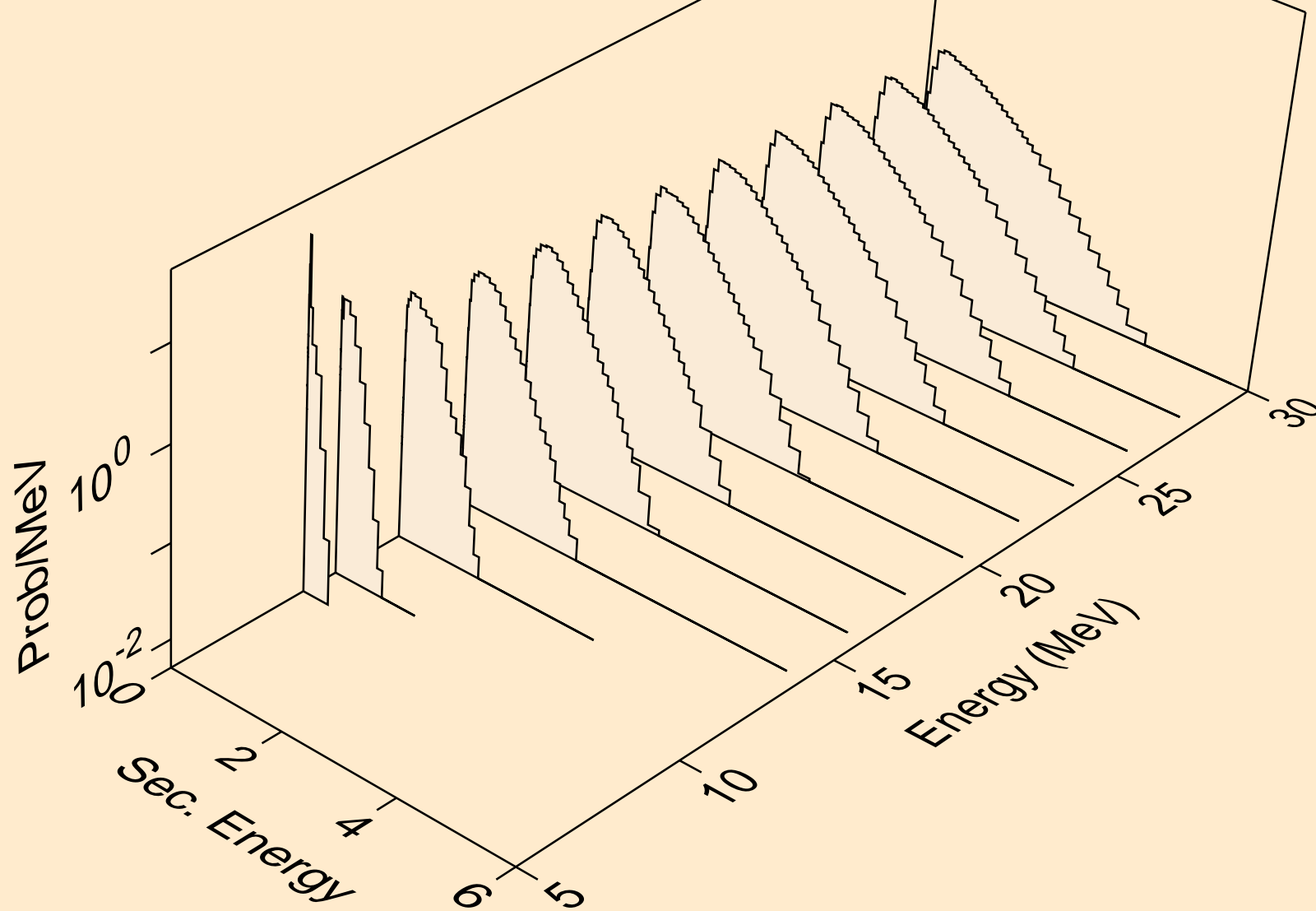
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

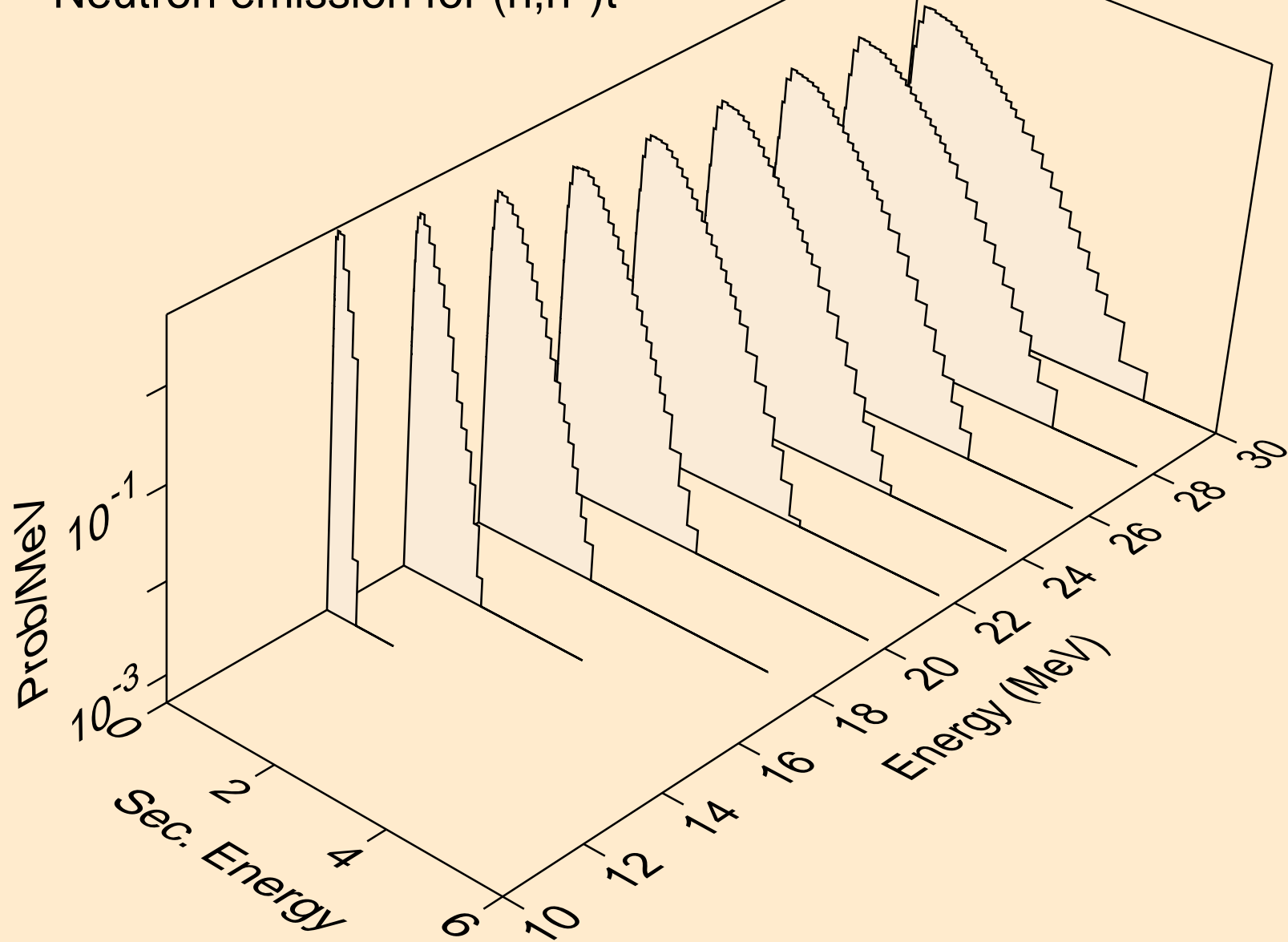


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

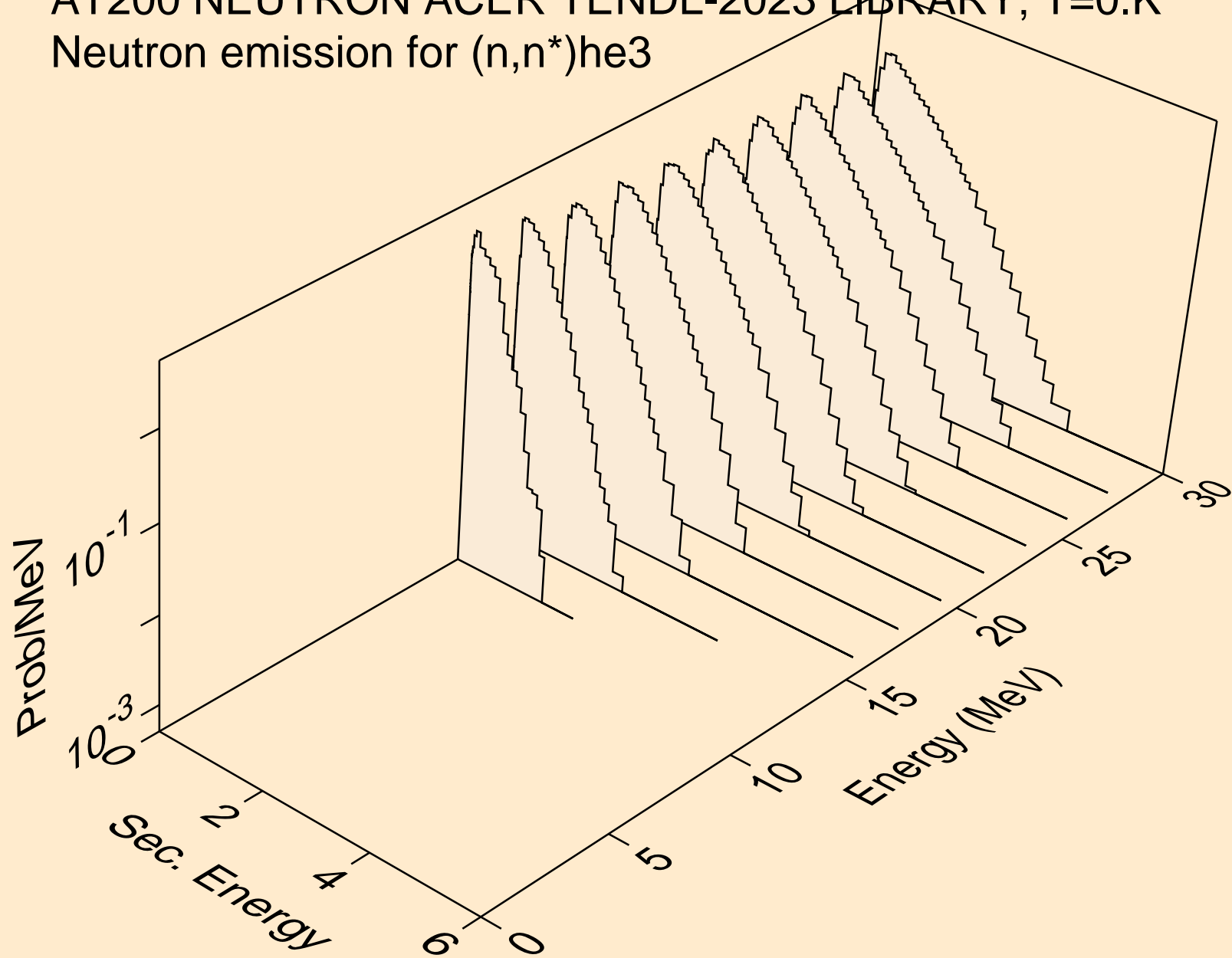




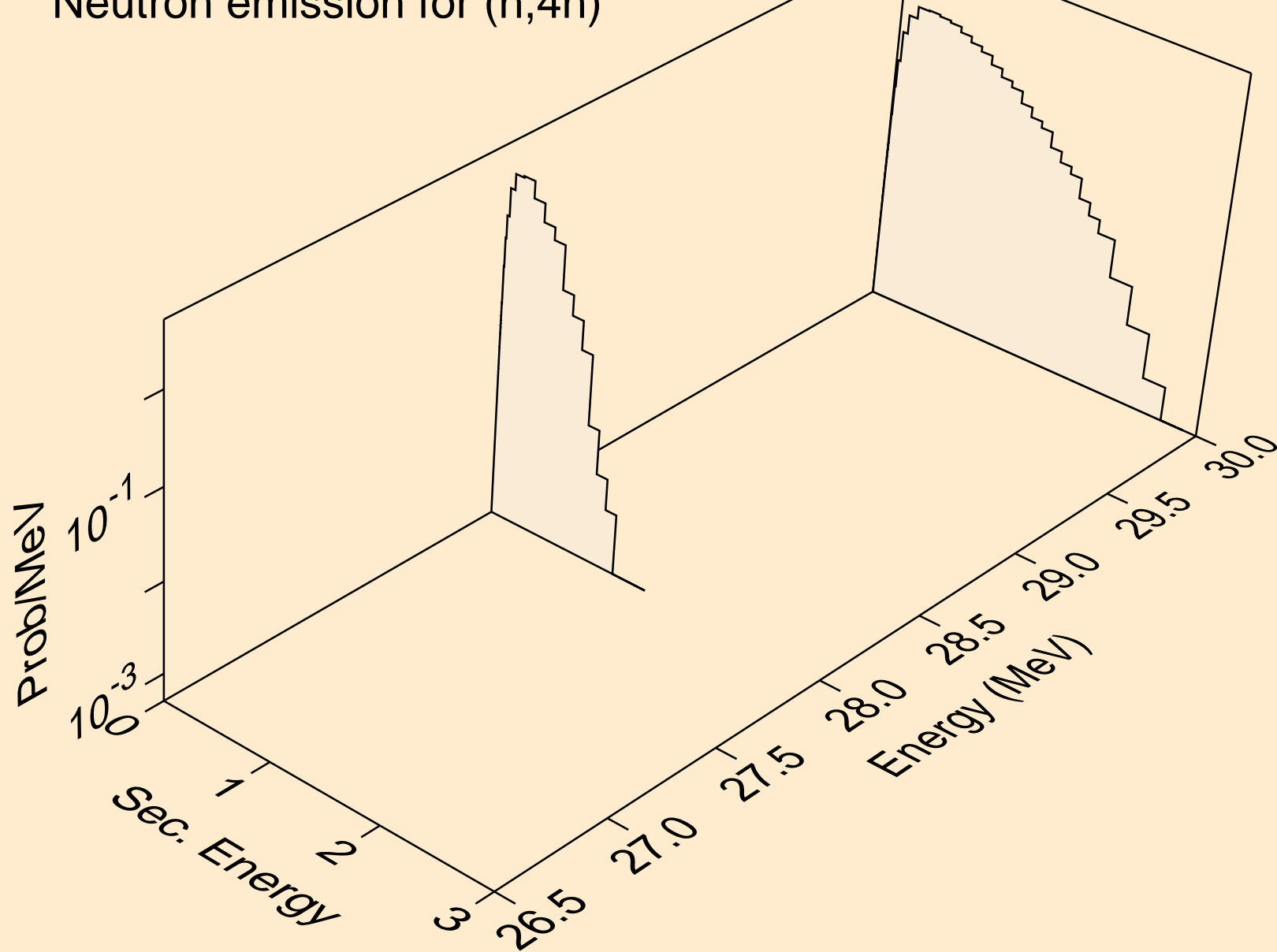
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



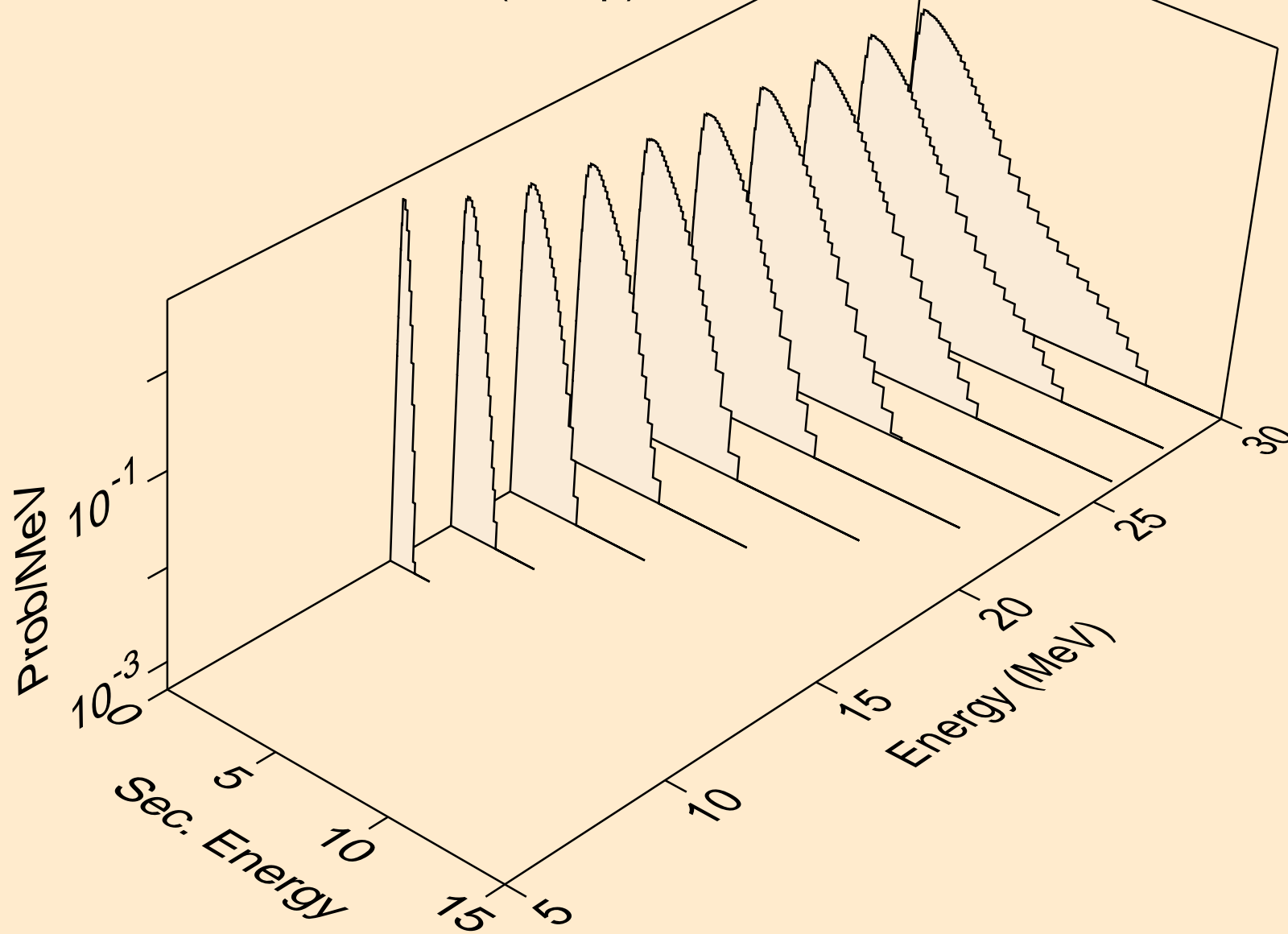
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



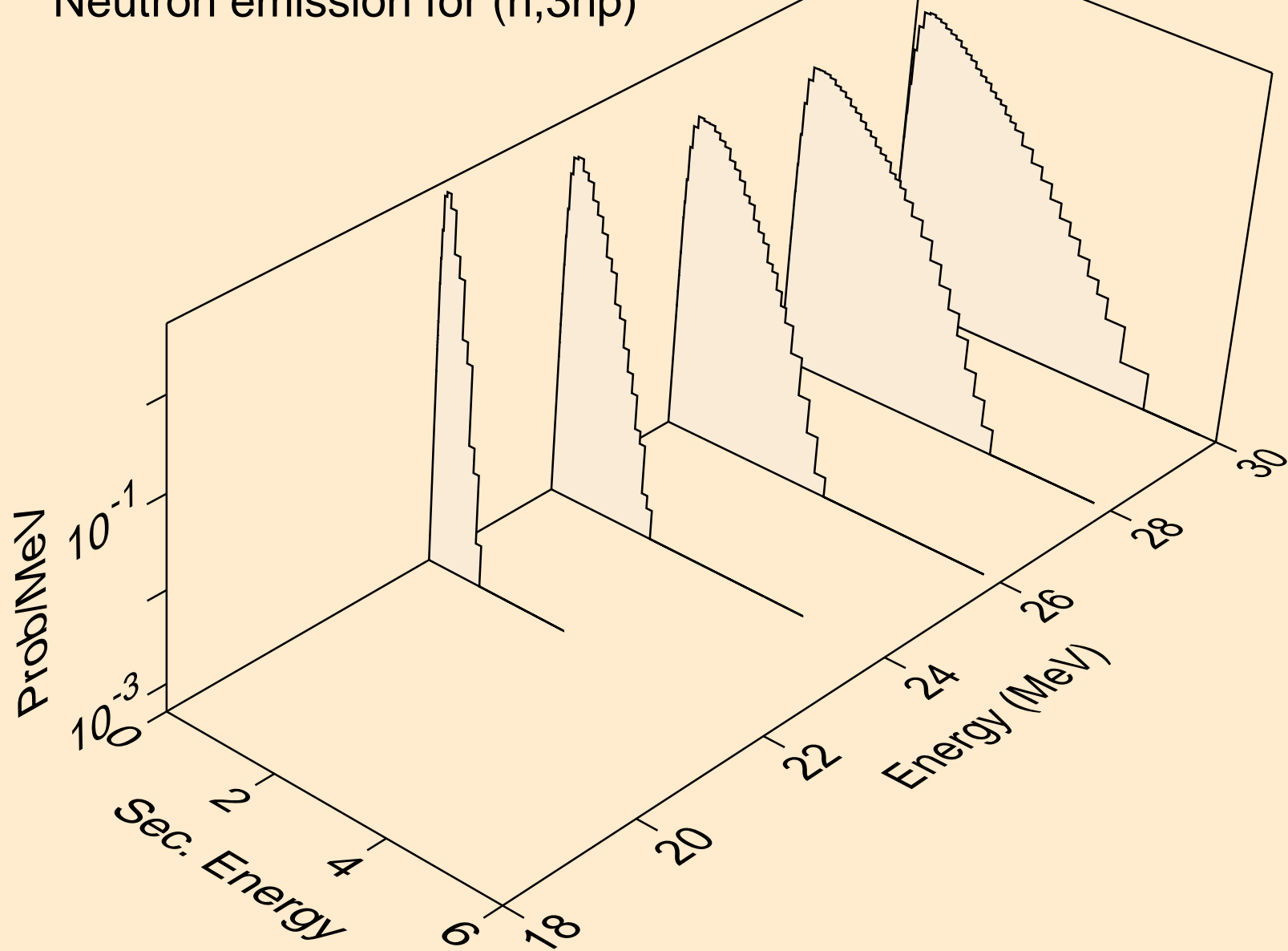
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Neutron emission for (n,4n)



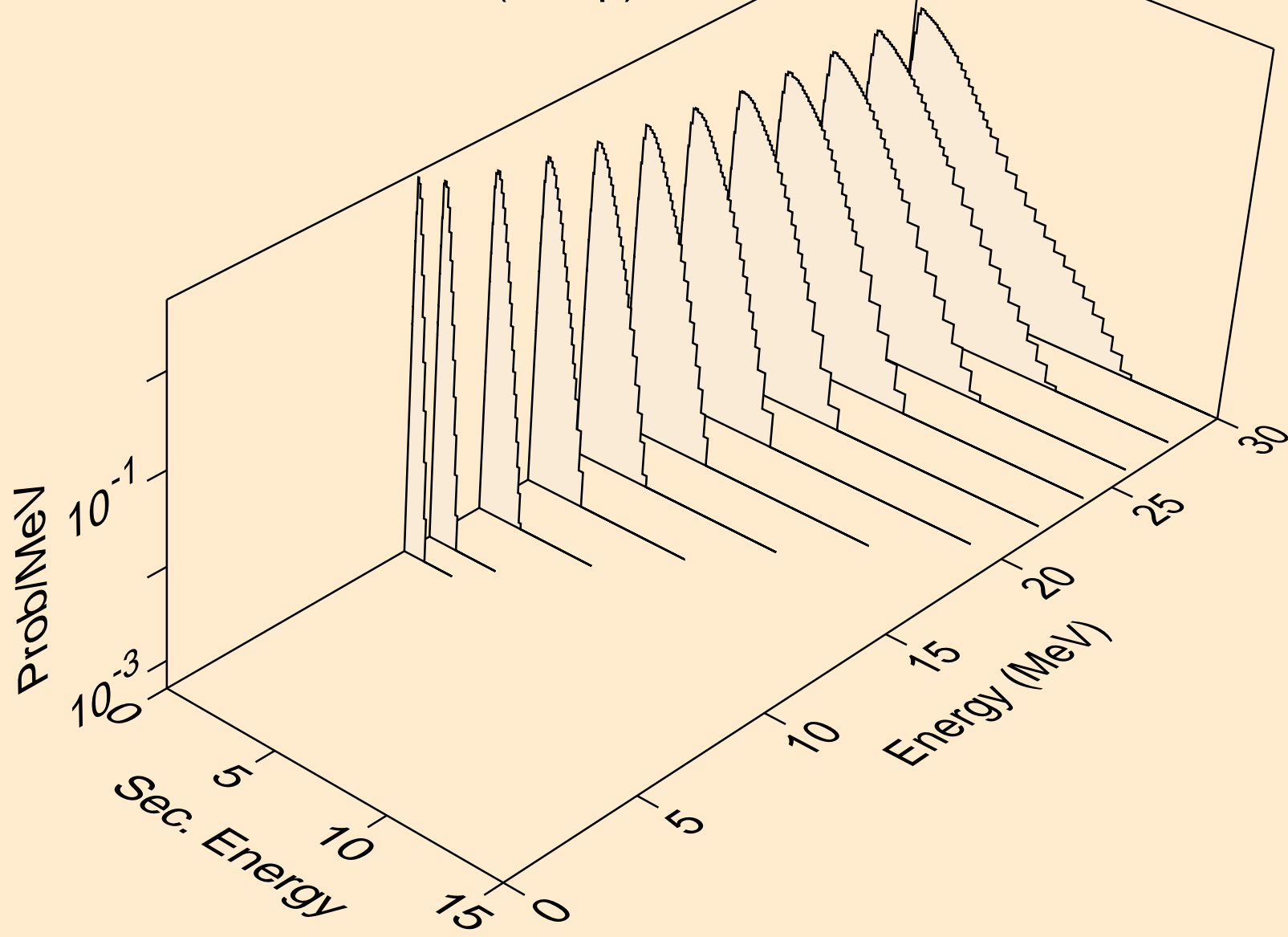
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Neutron emission for (n,2np)



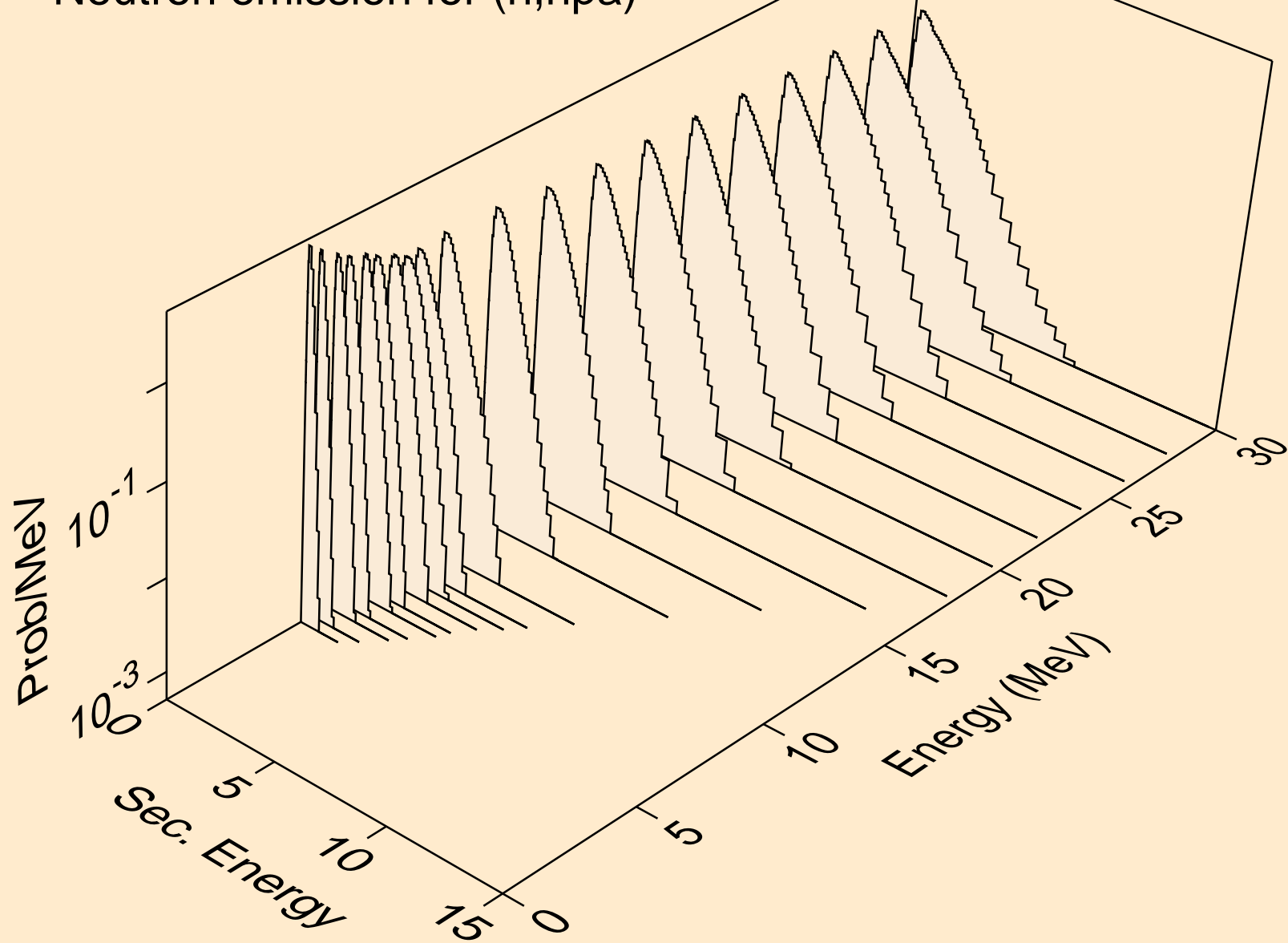
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Neutron emission for (n,3np)



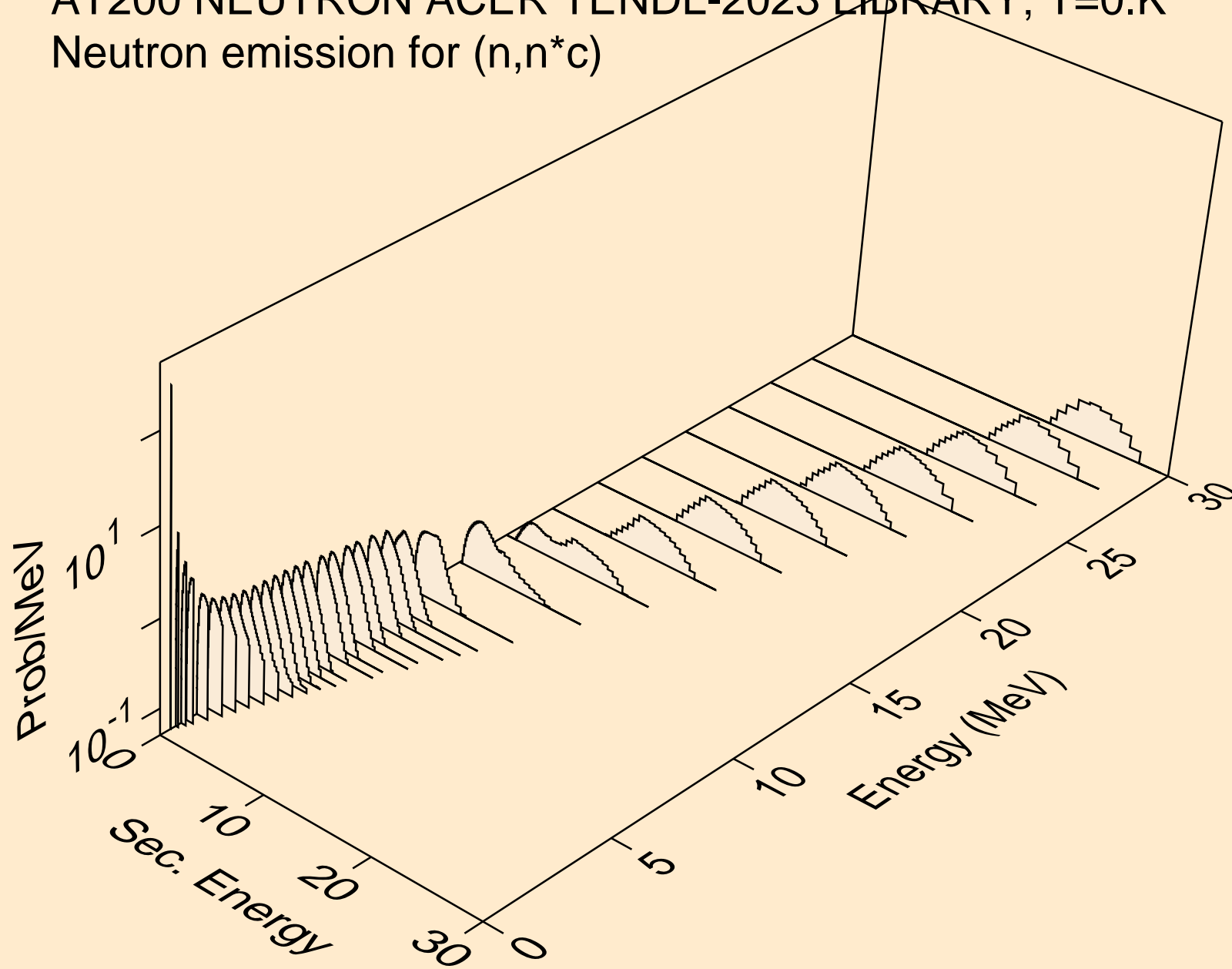
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

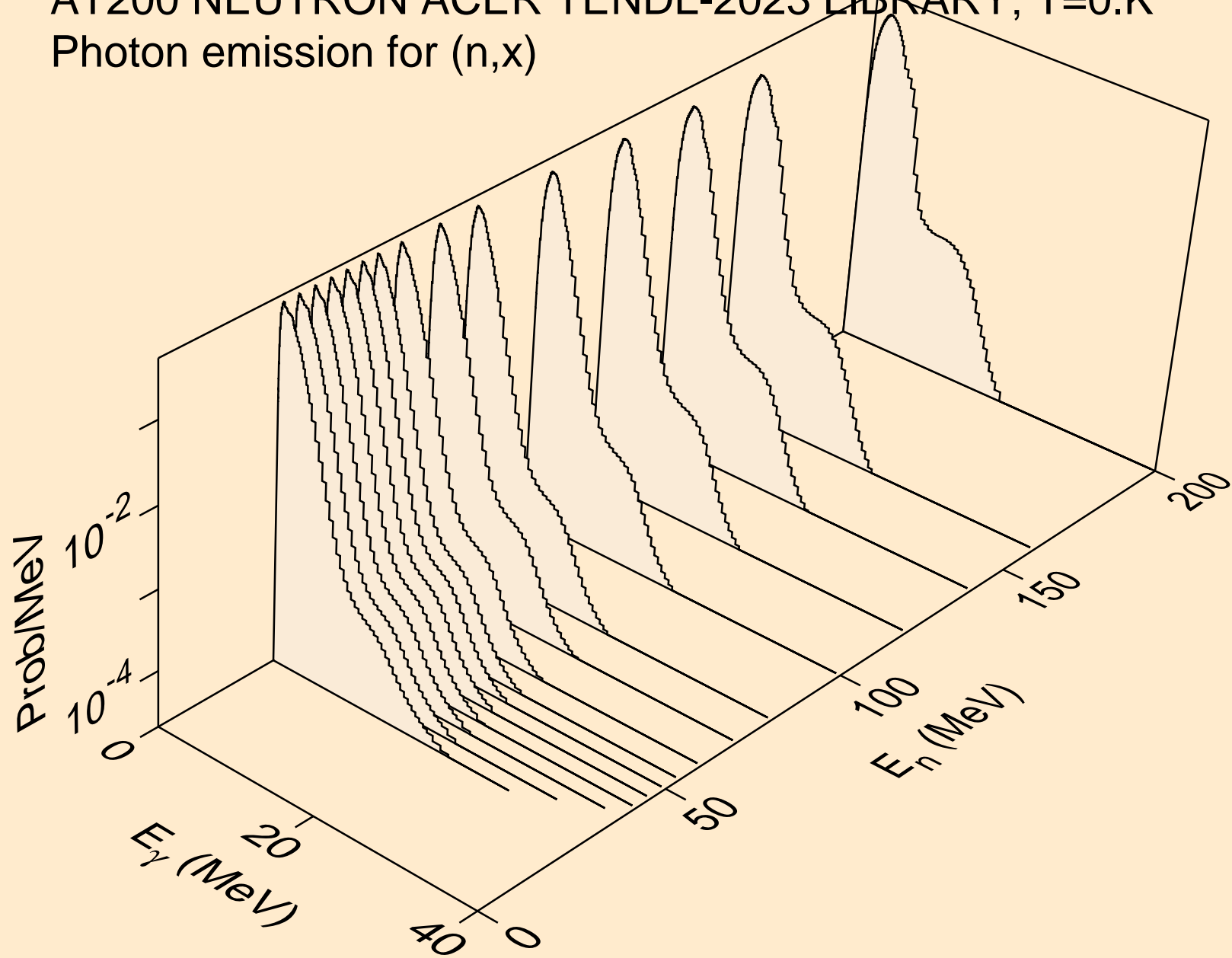


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

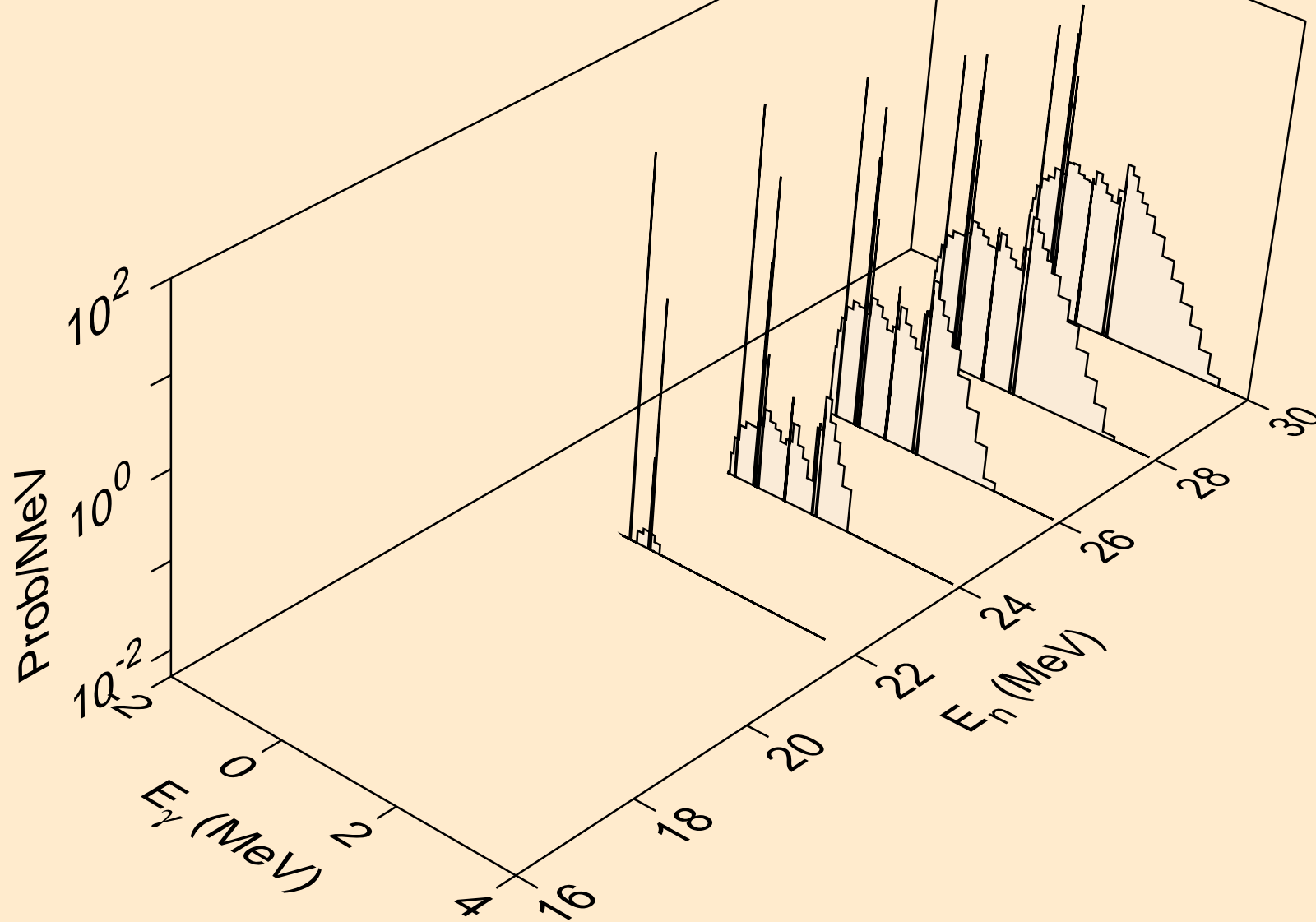




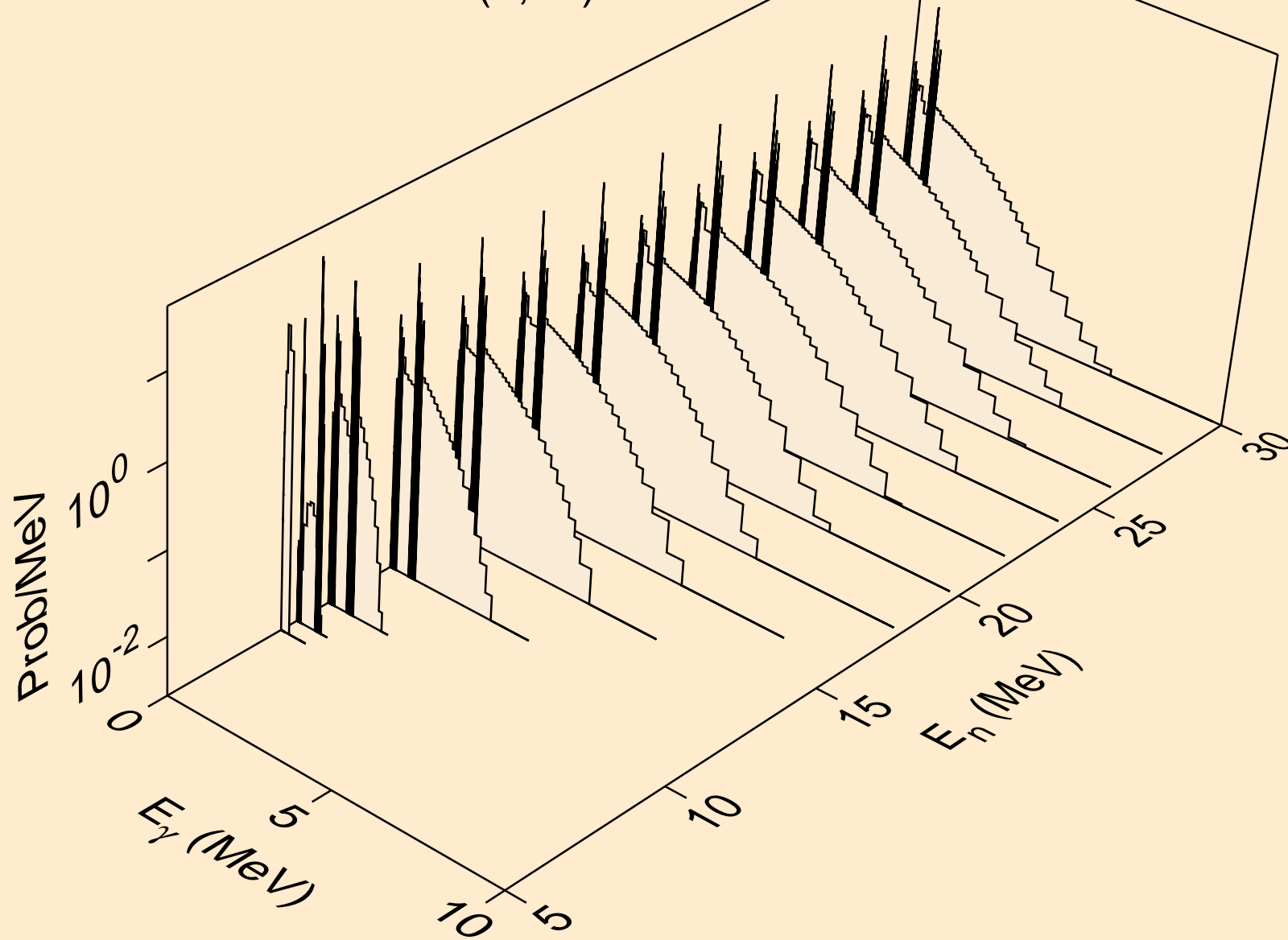
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



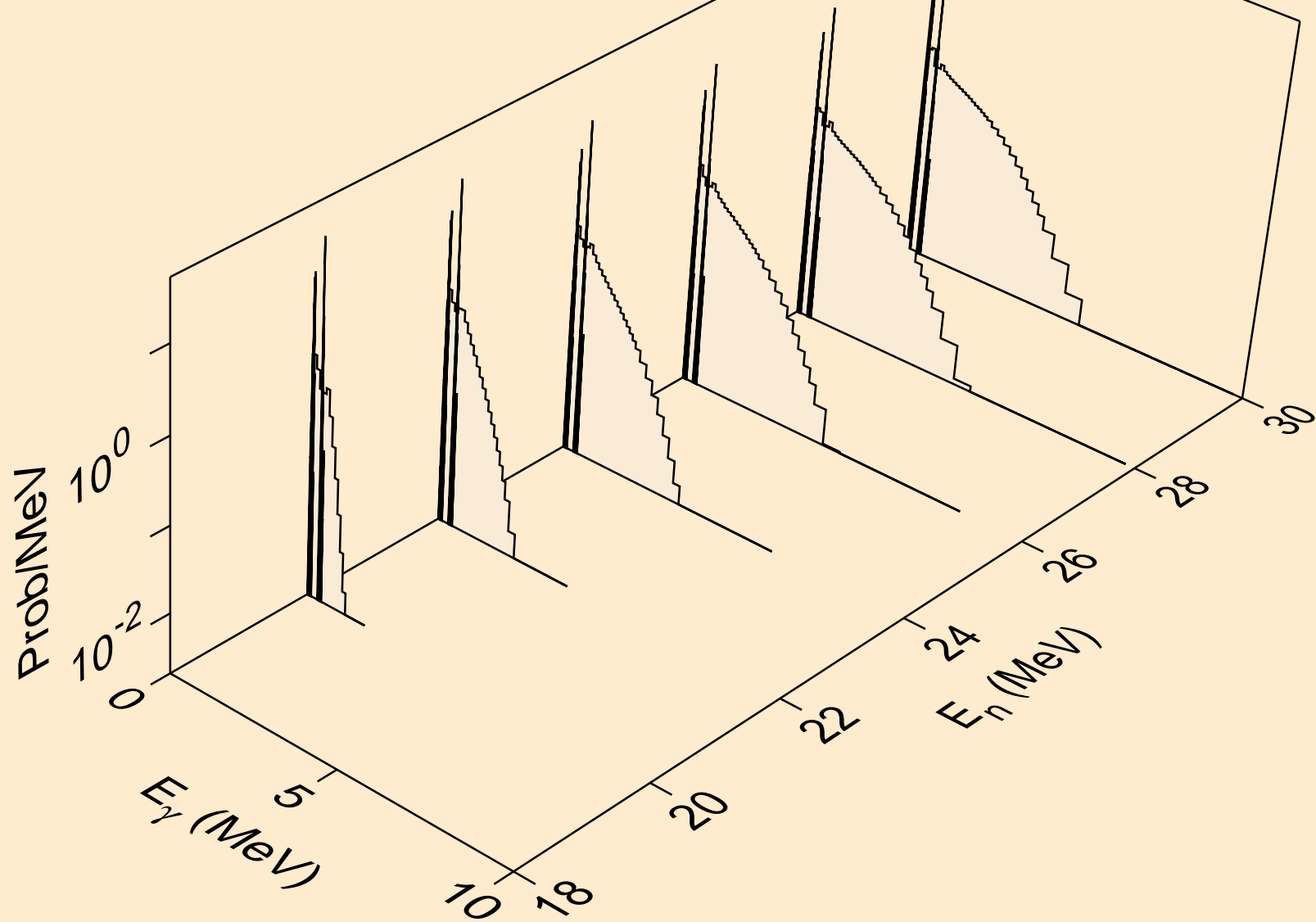
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



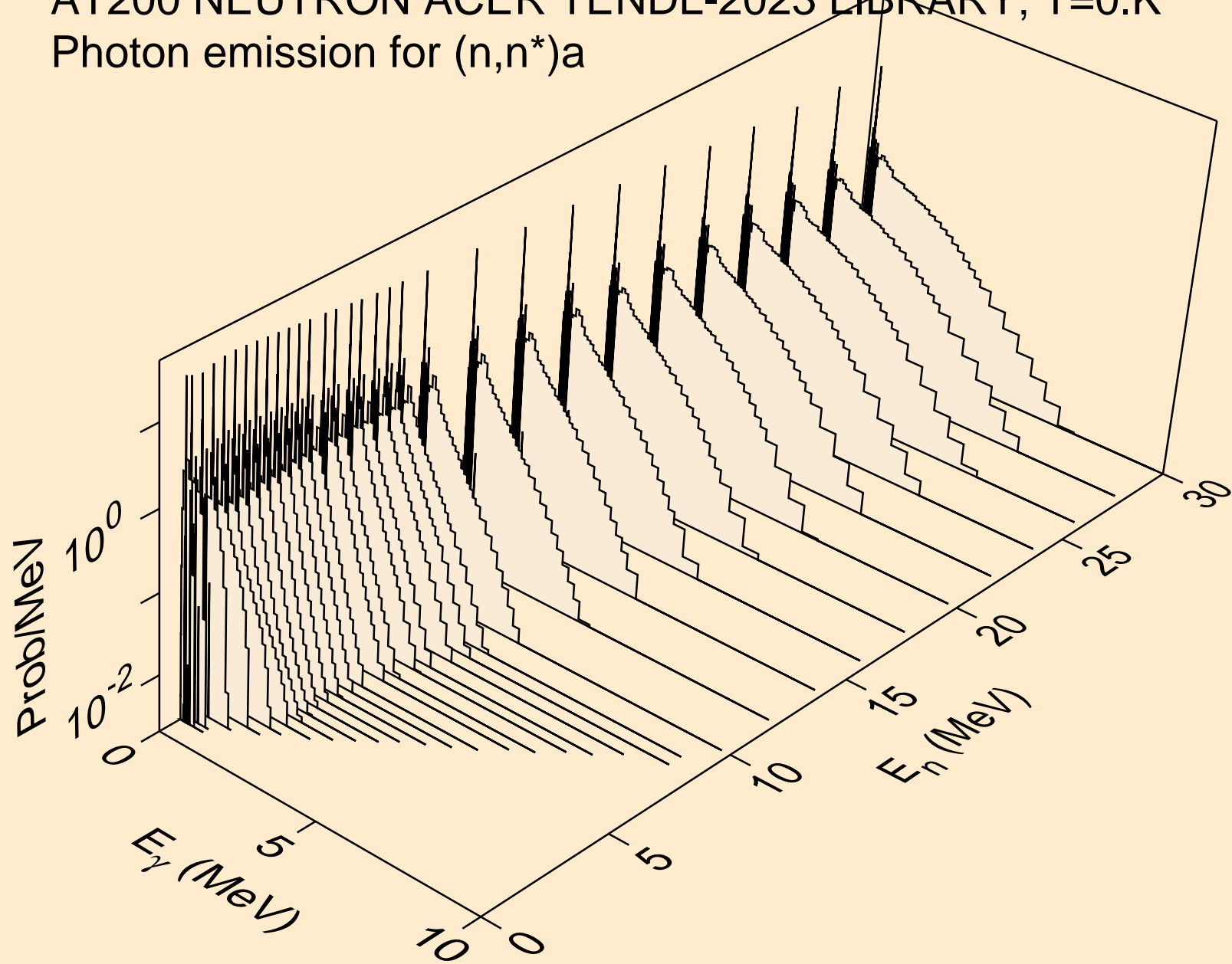
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



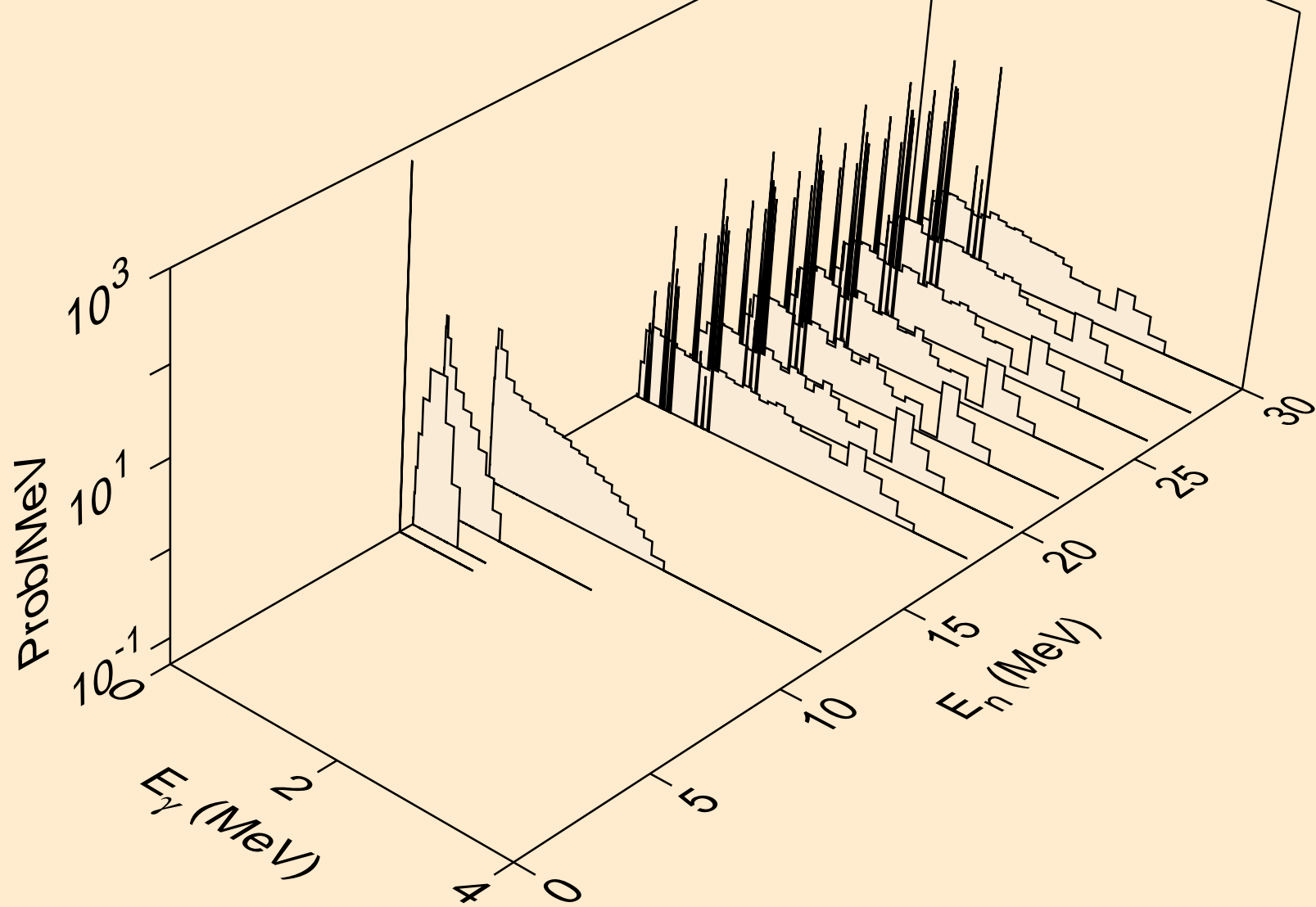
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



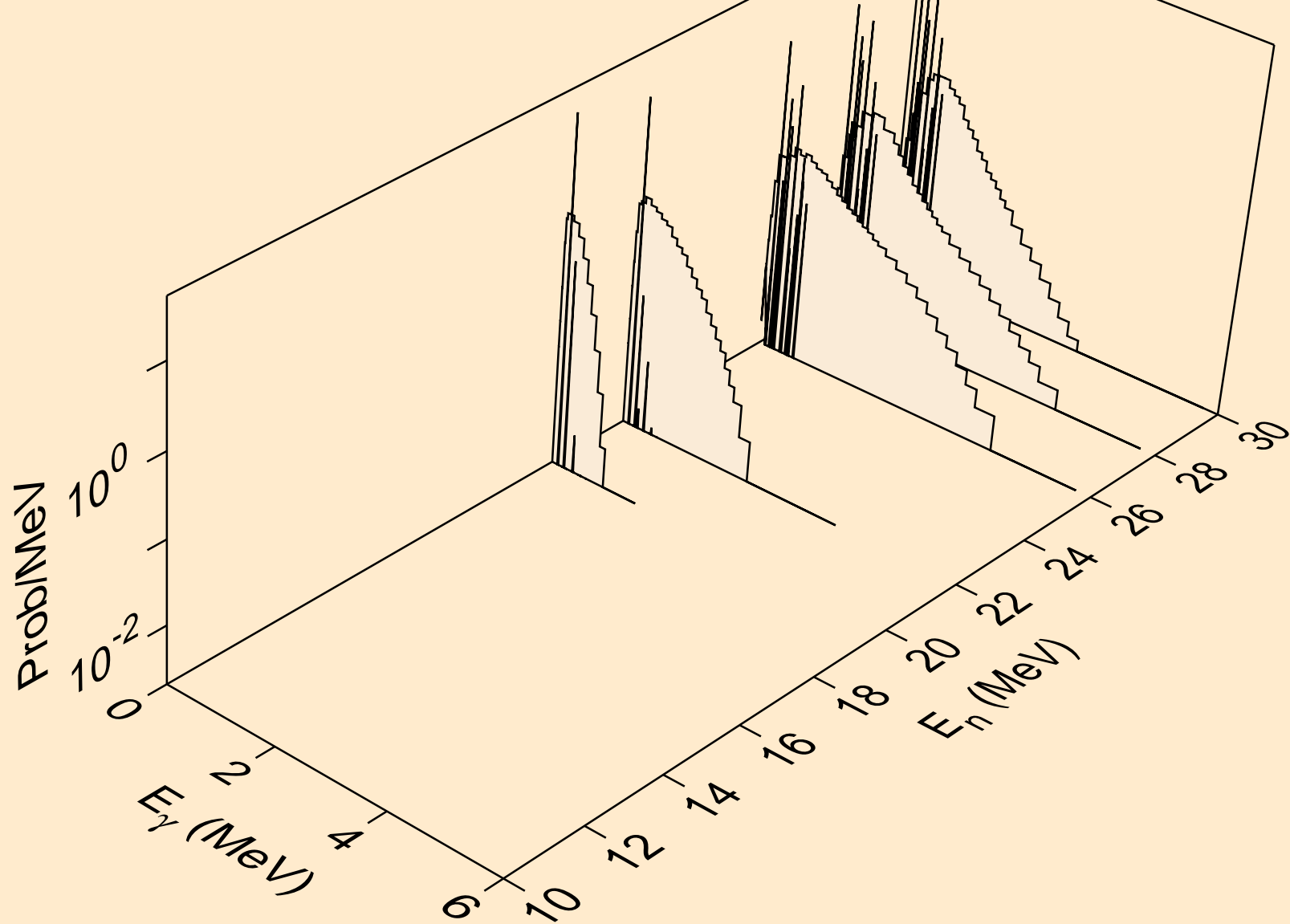
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



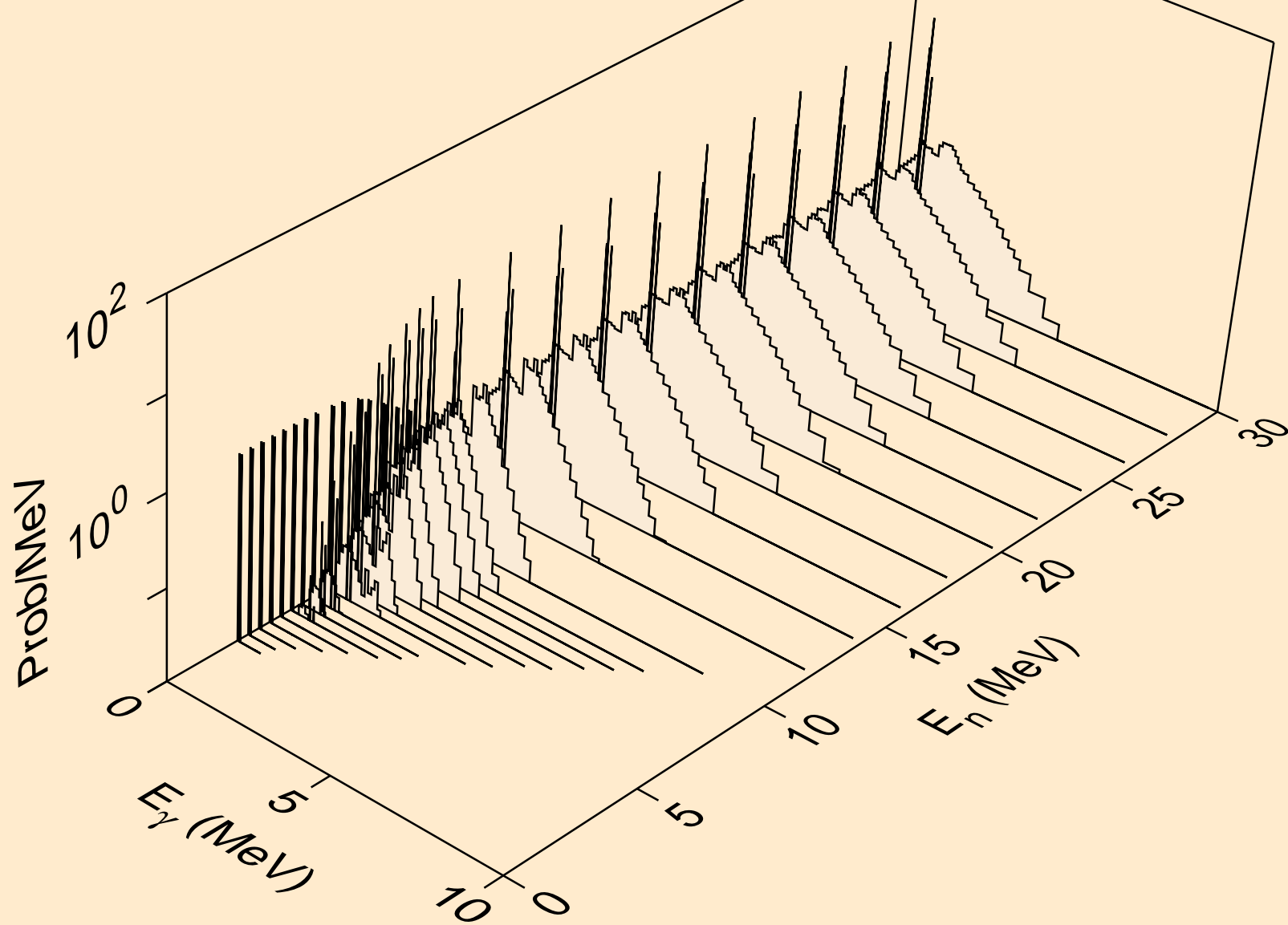
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

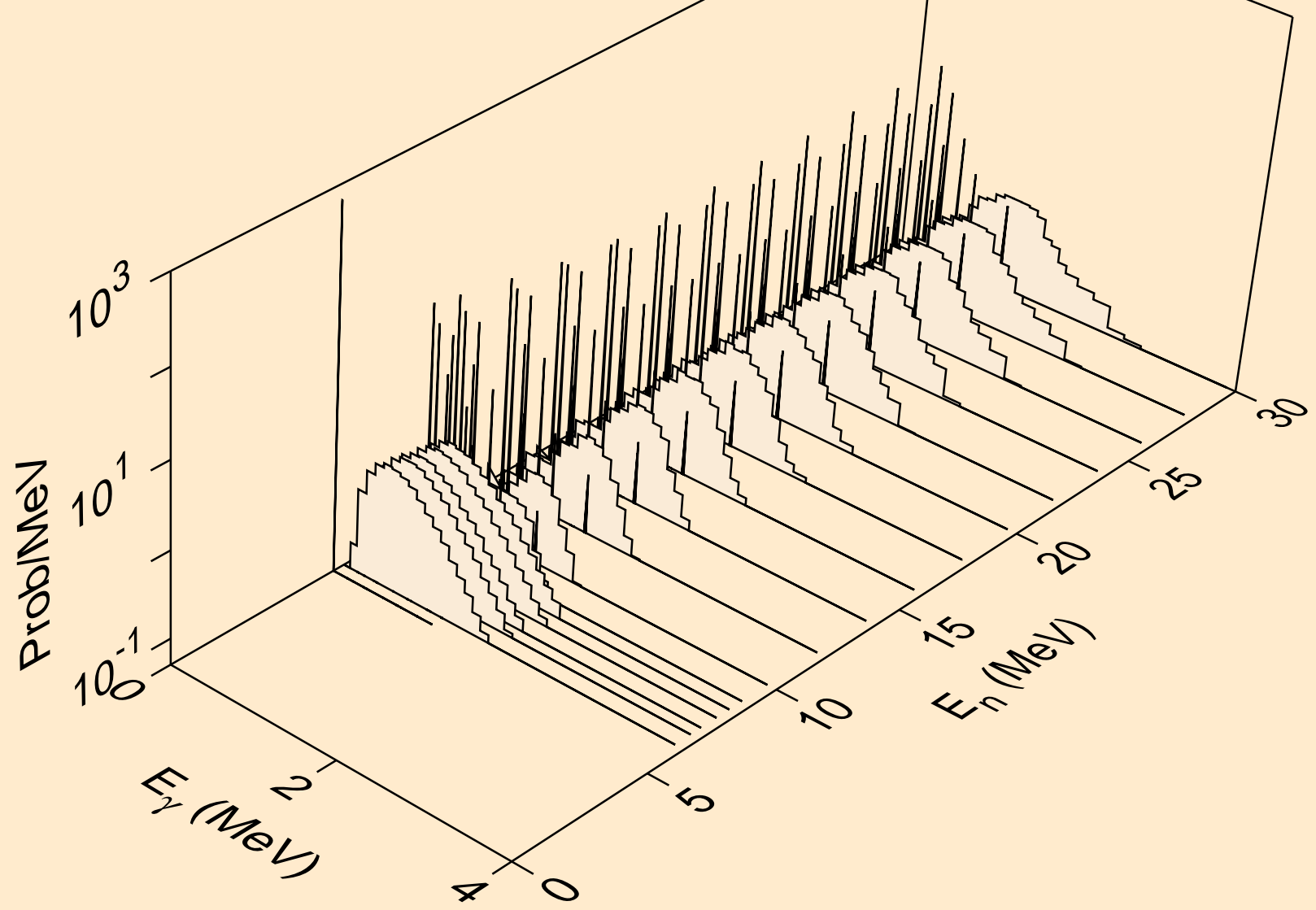


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

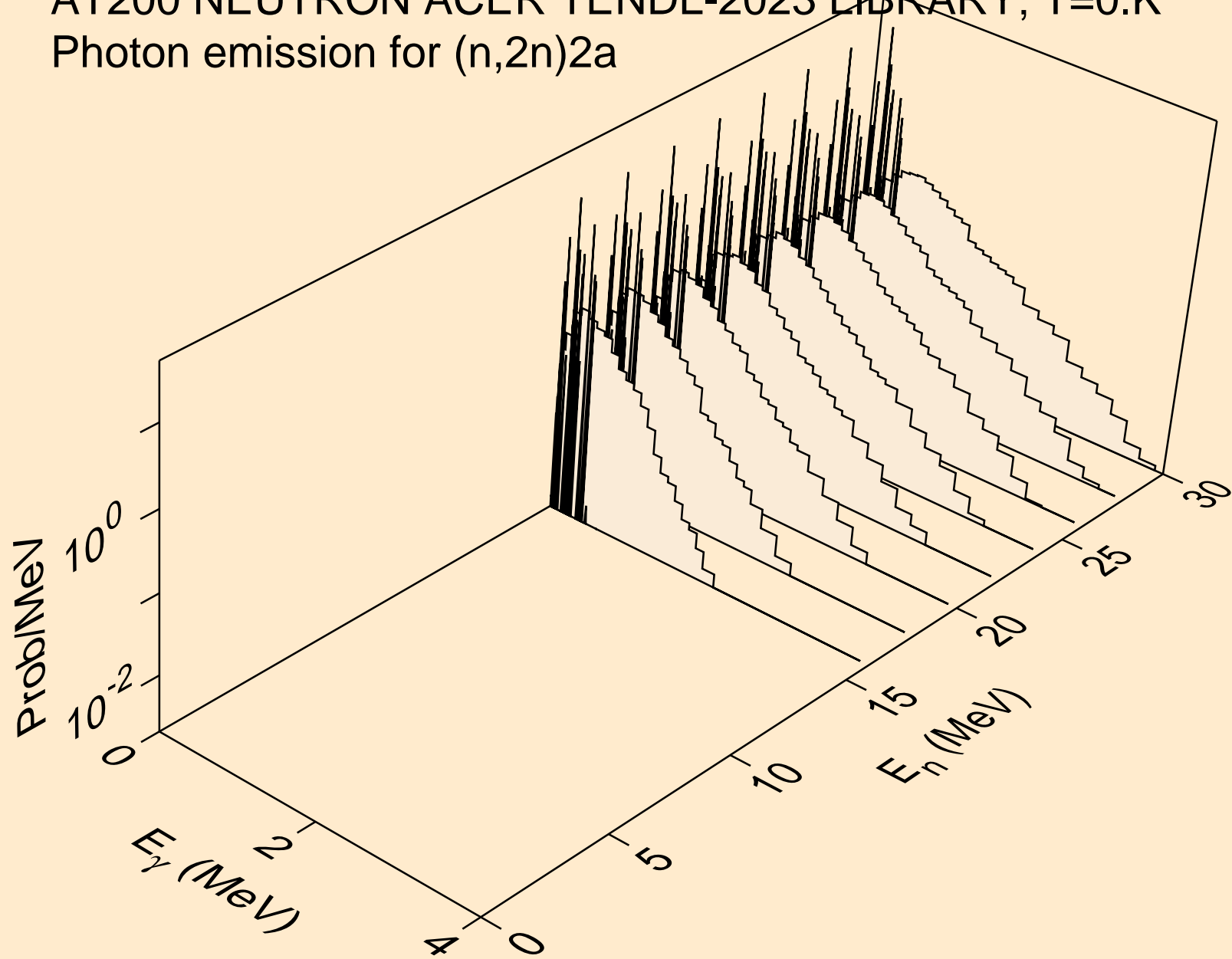




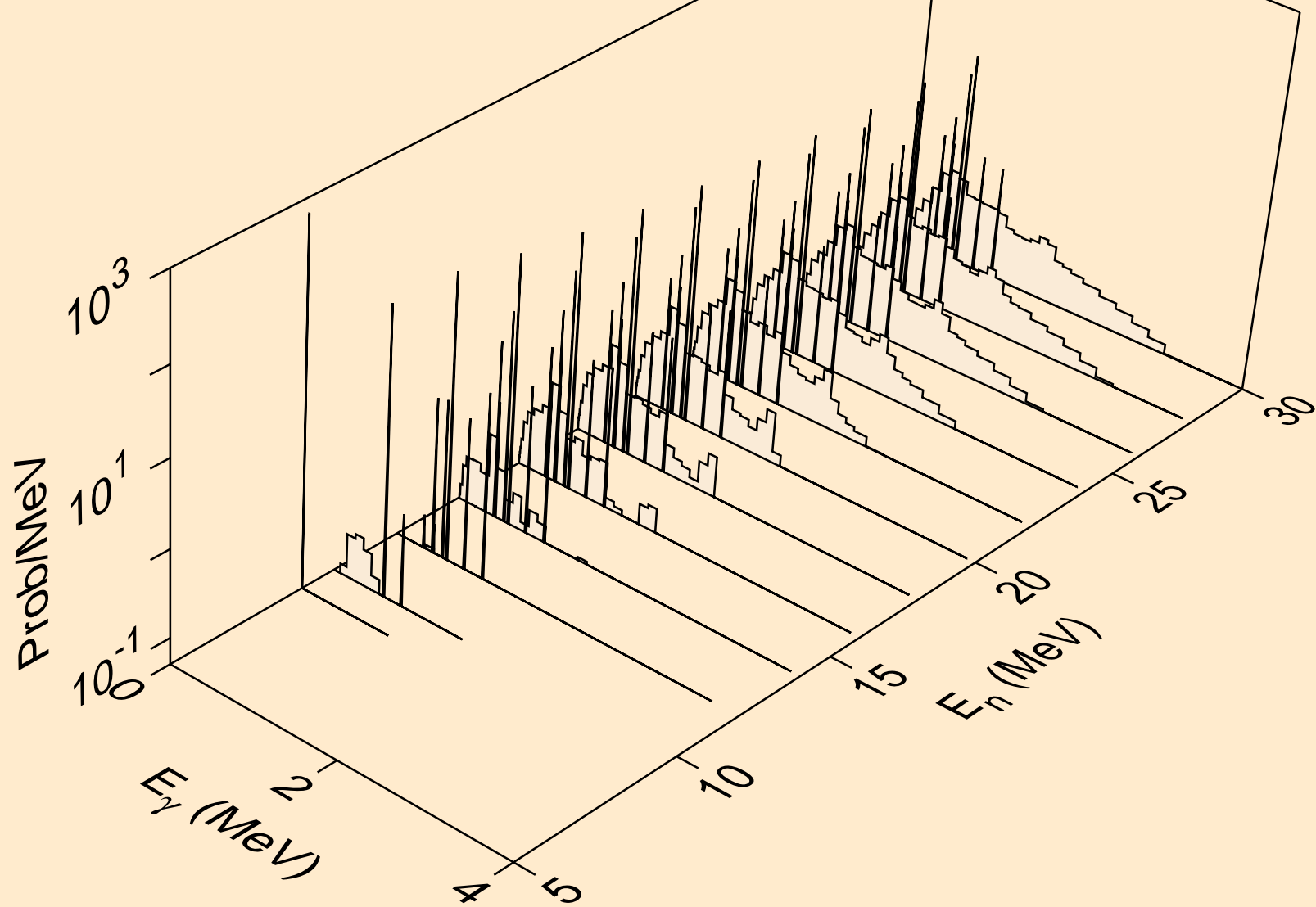
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



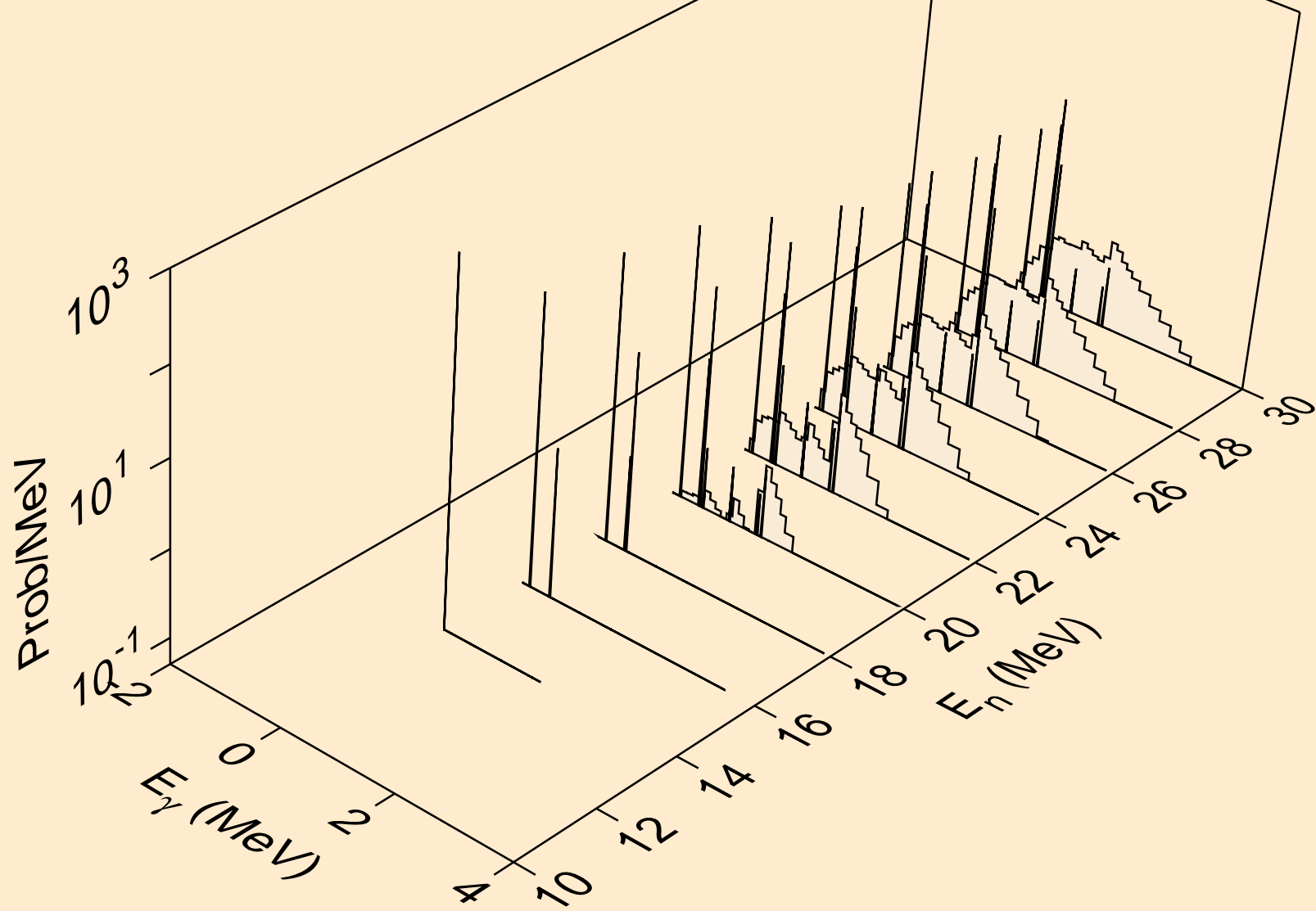
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



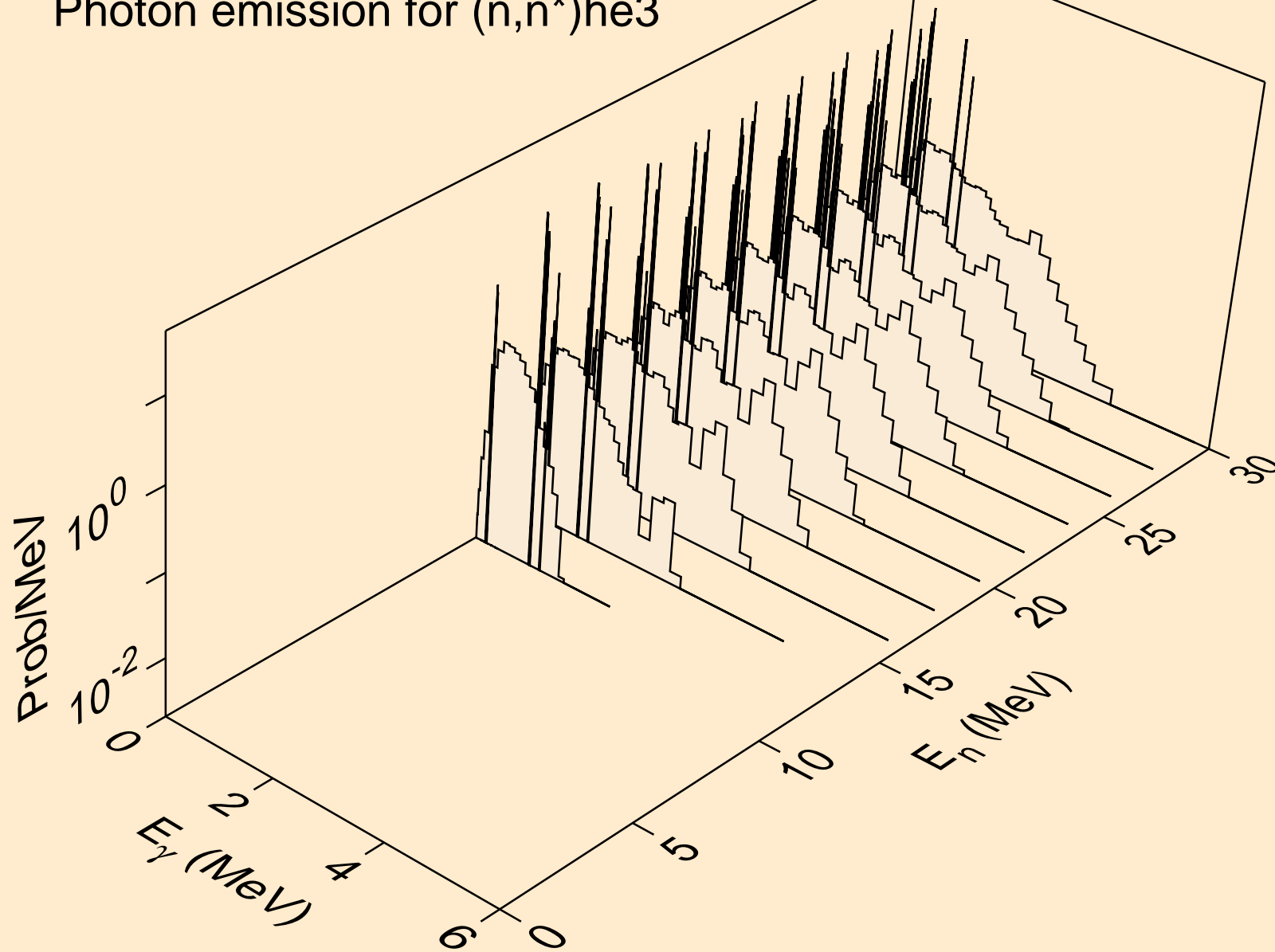
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



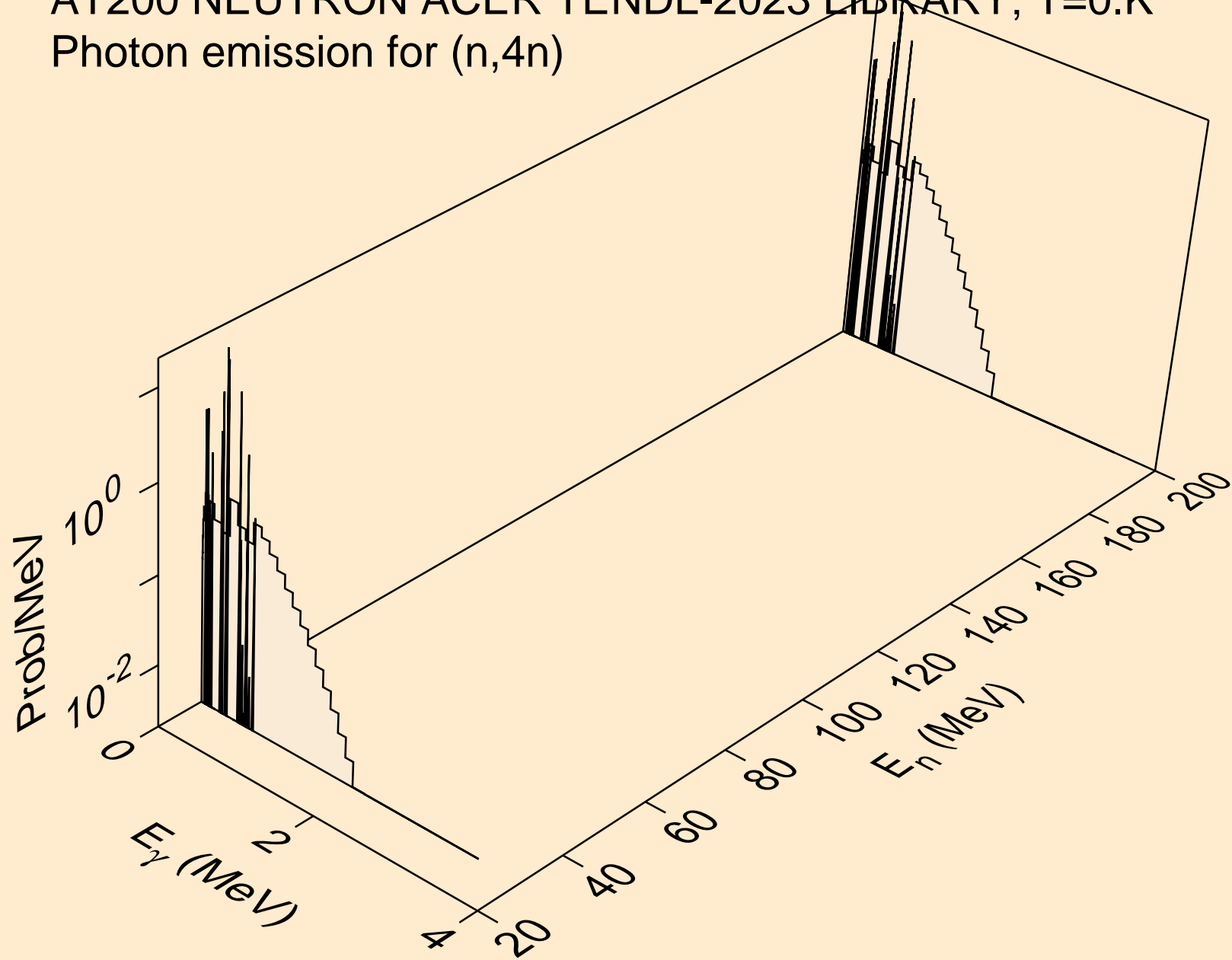
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



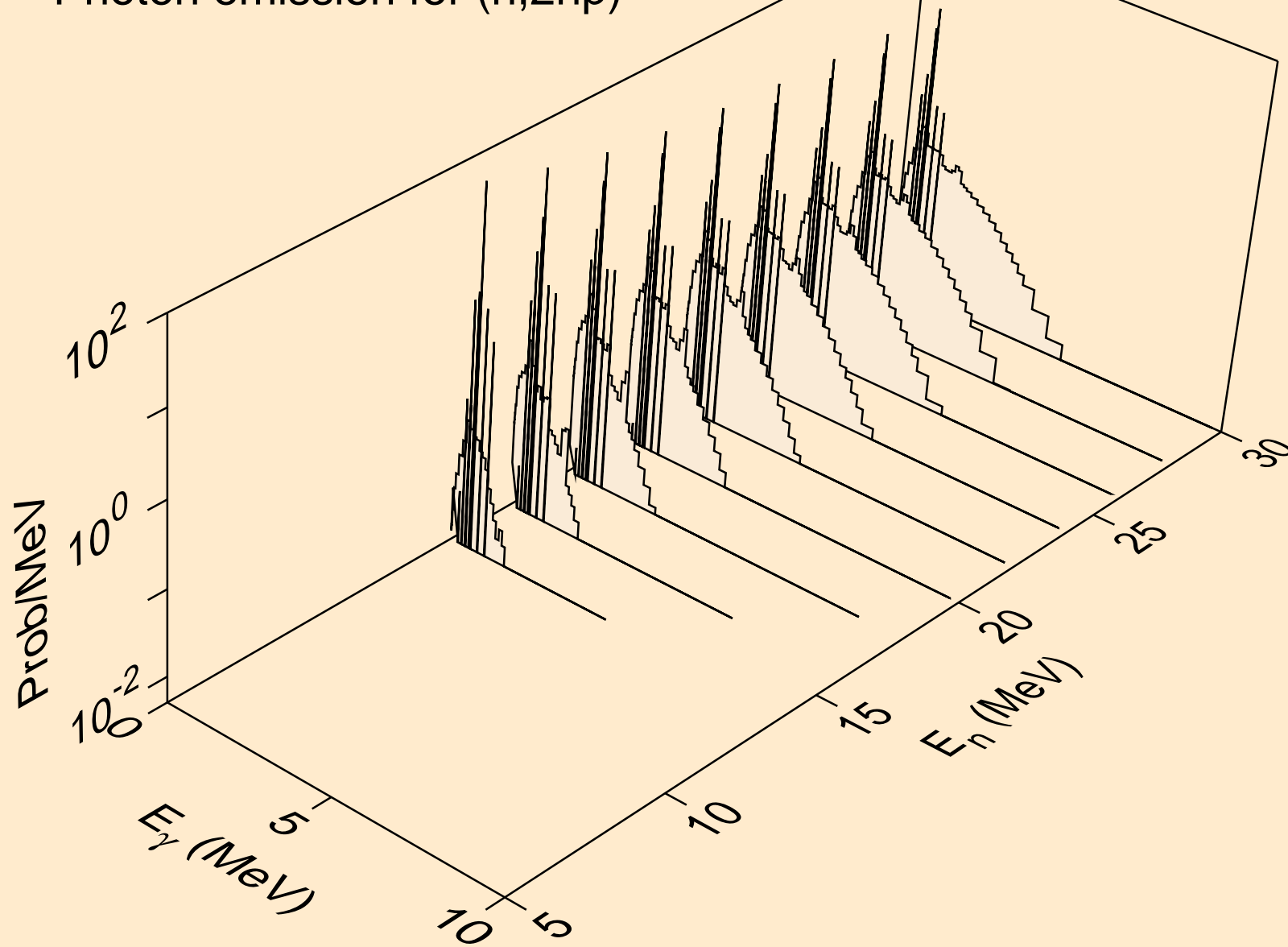
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



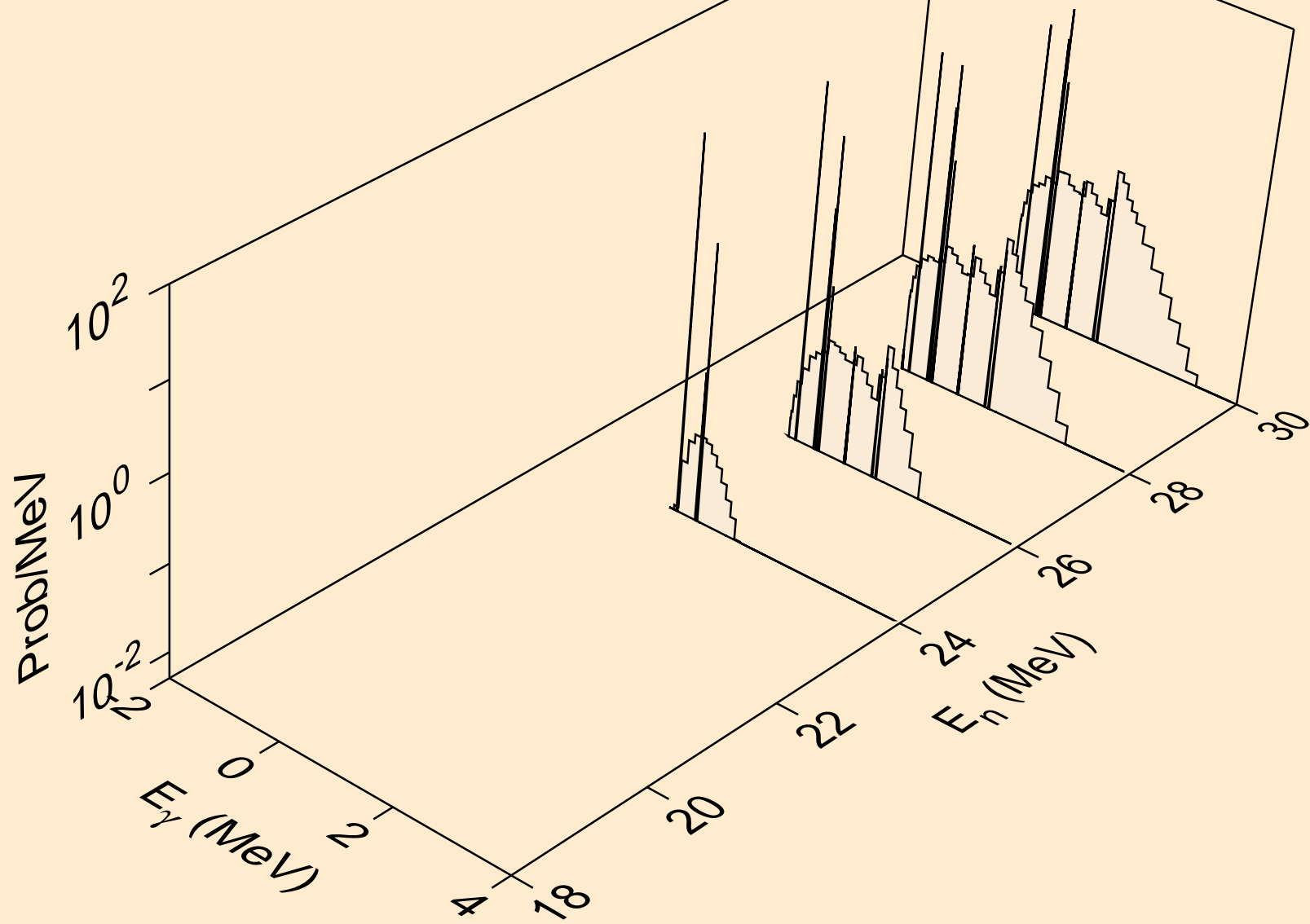
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

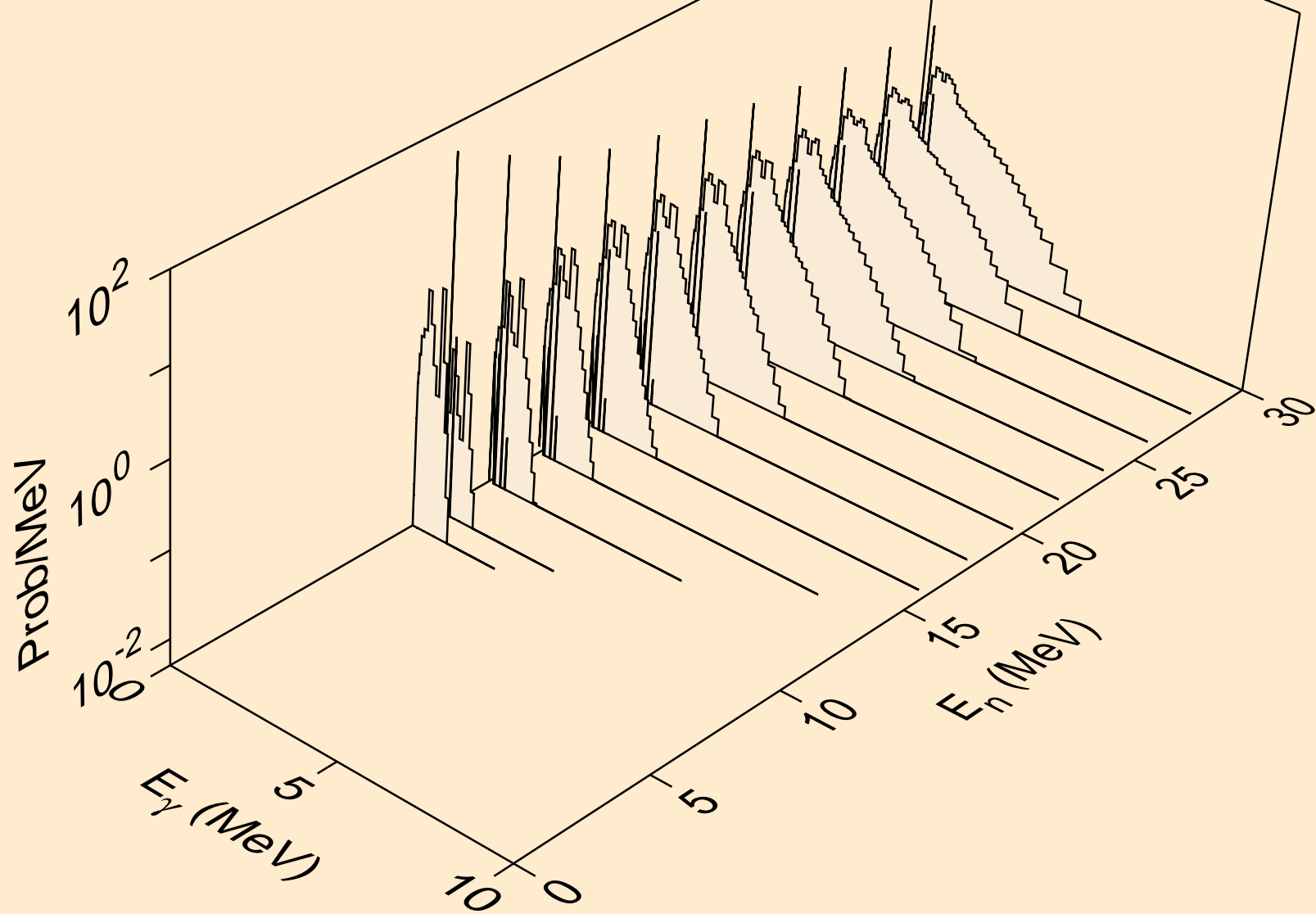


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

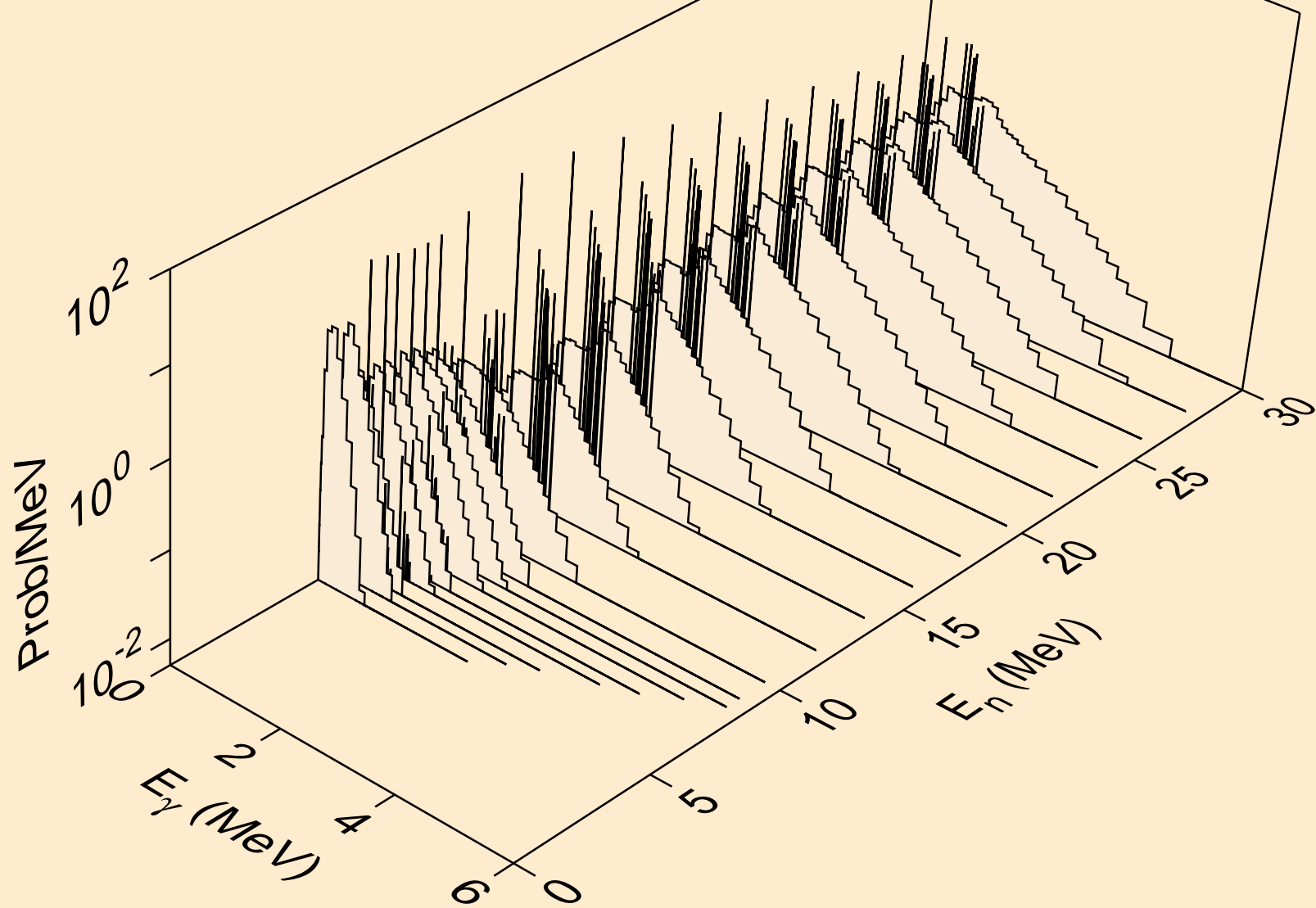




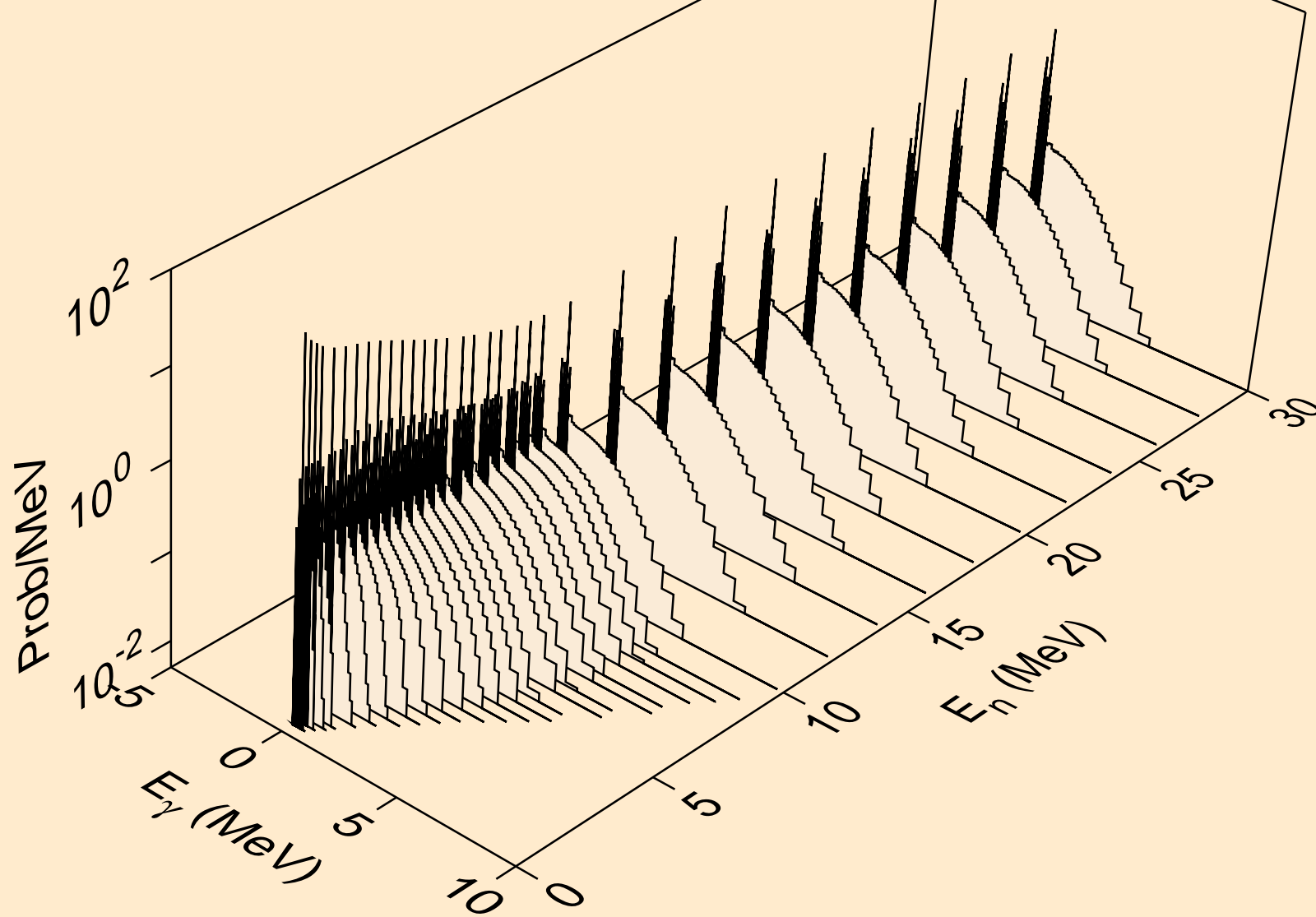
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



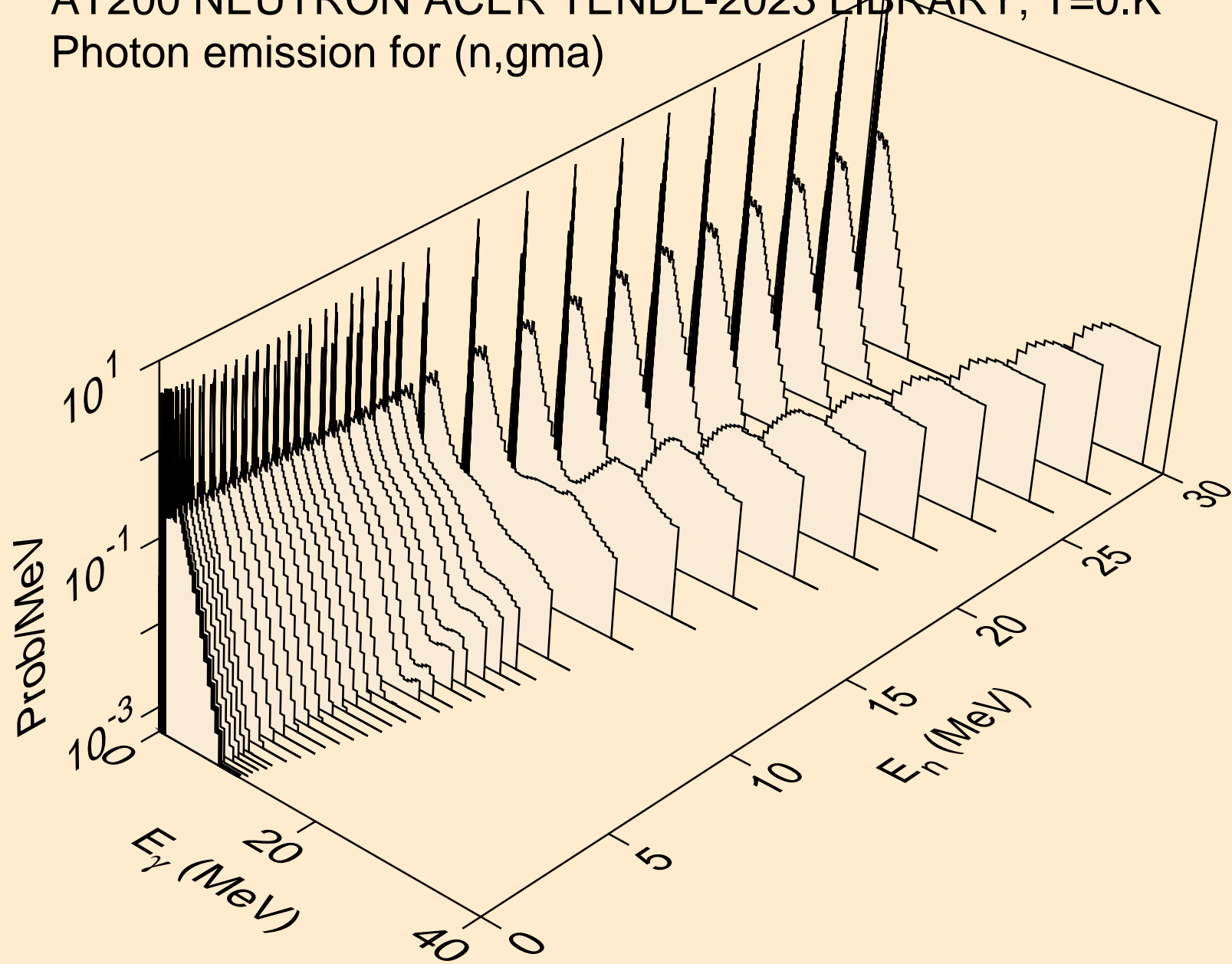
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



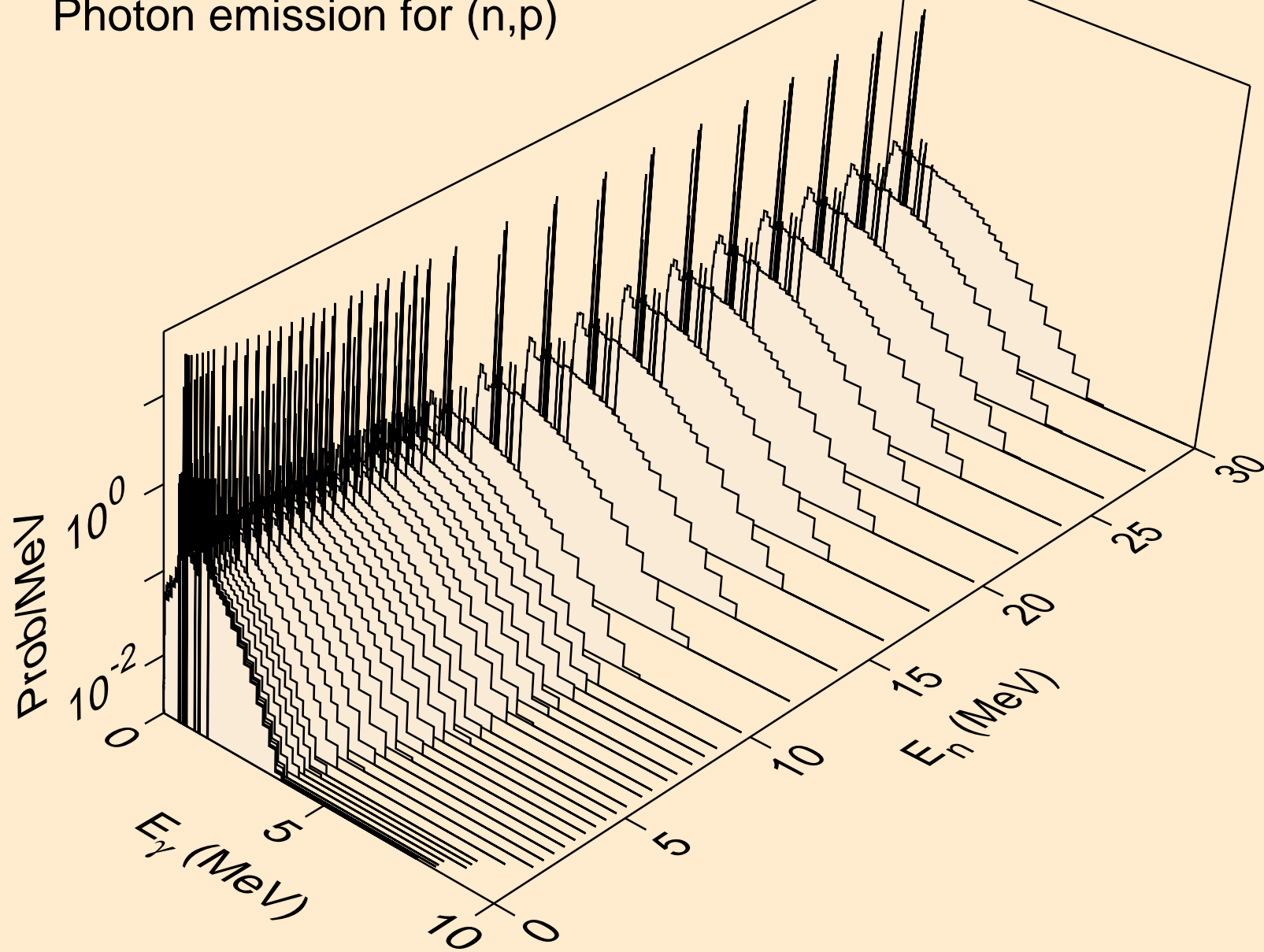
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



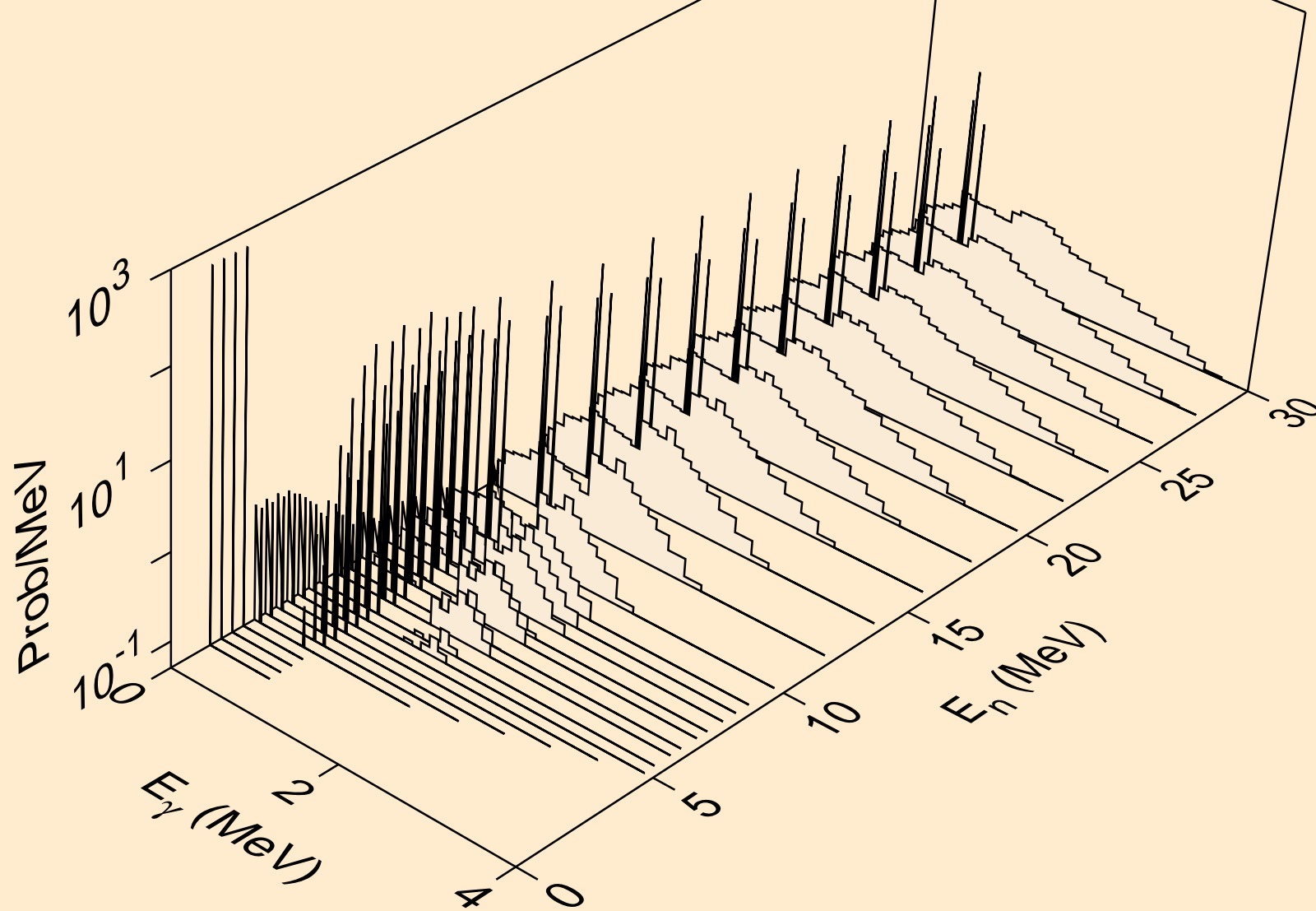
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



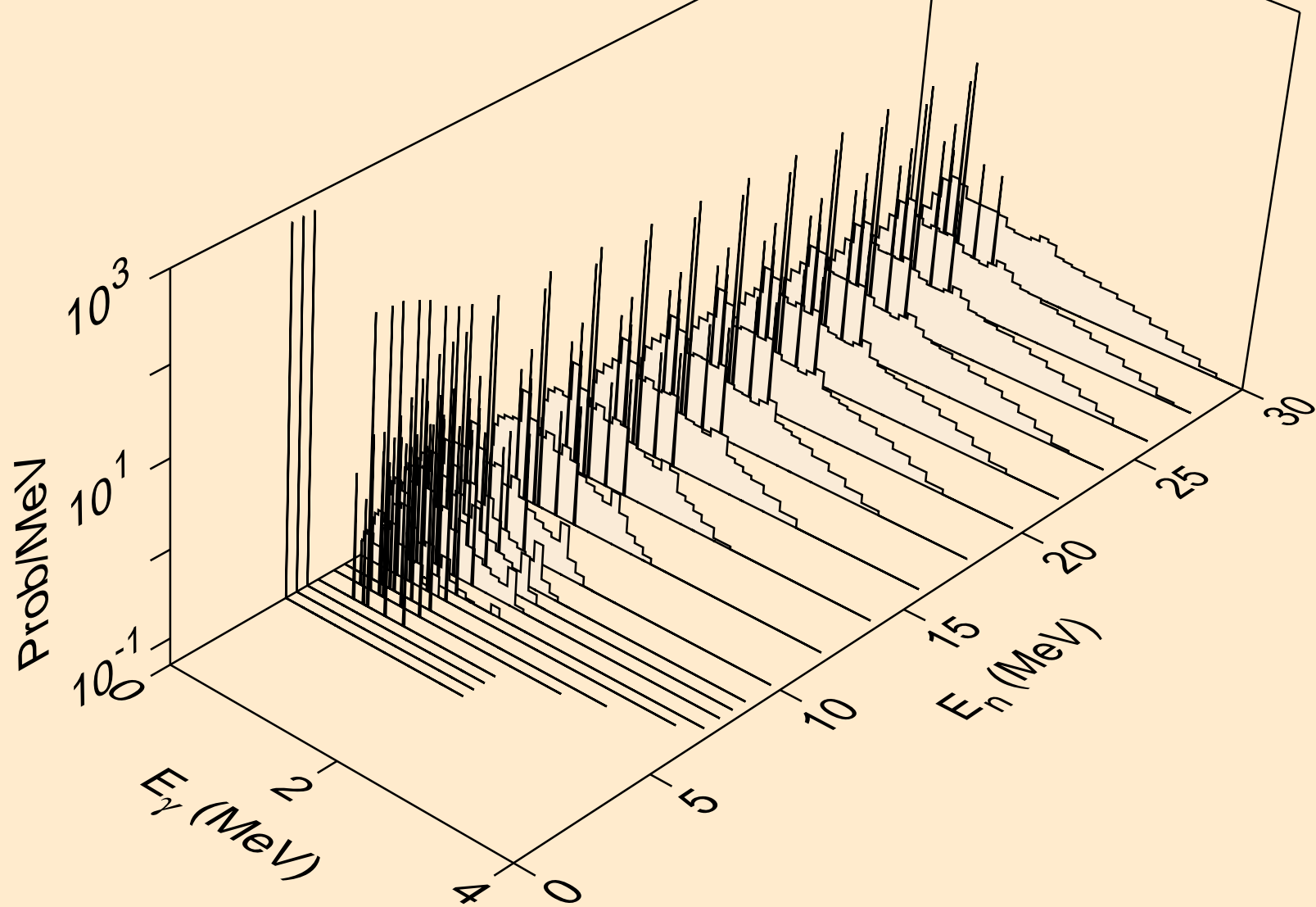
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



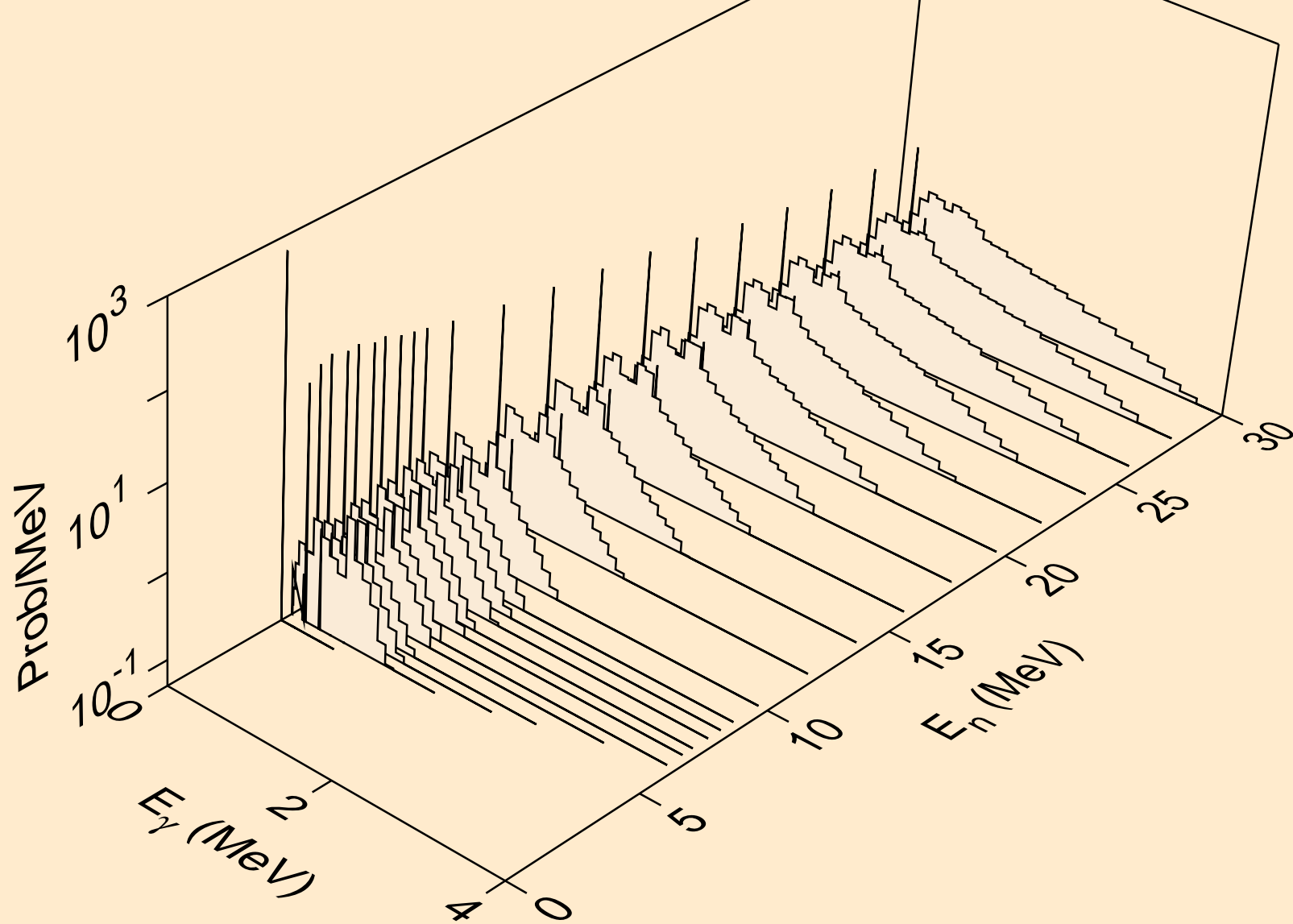
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

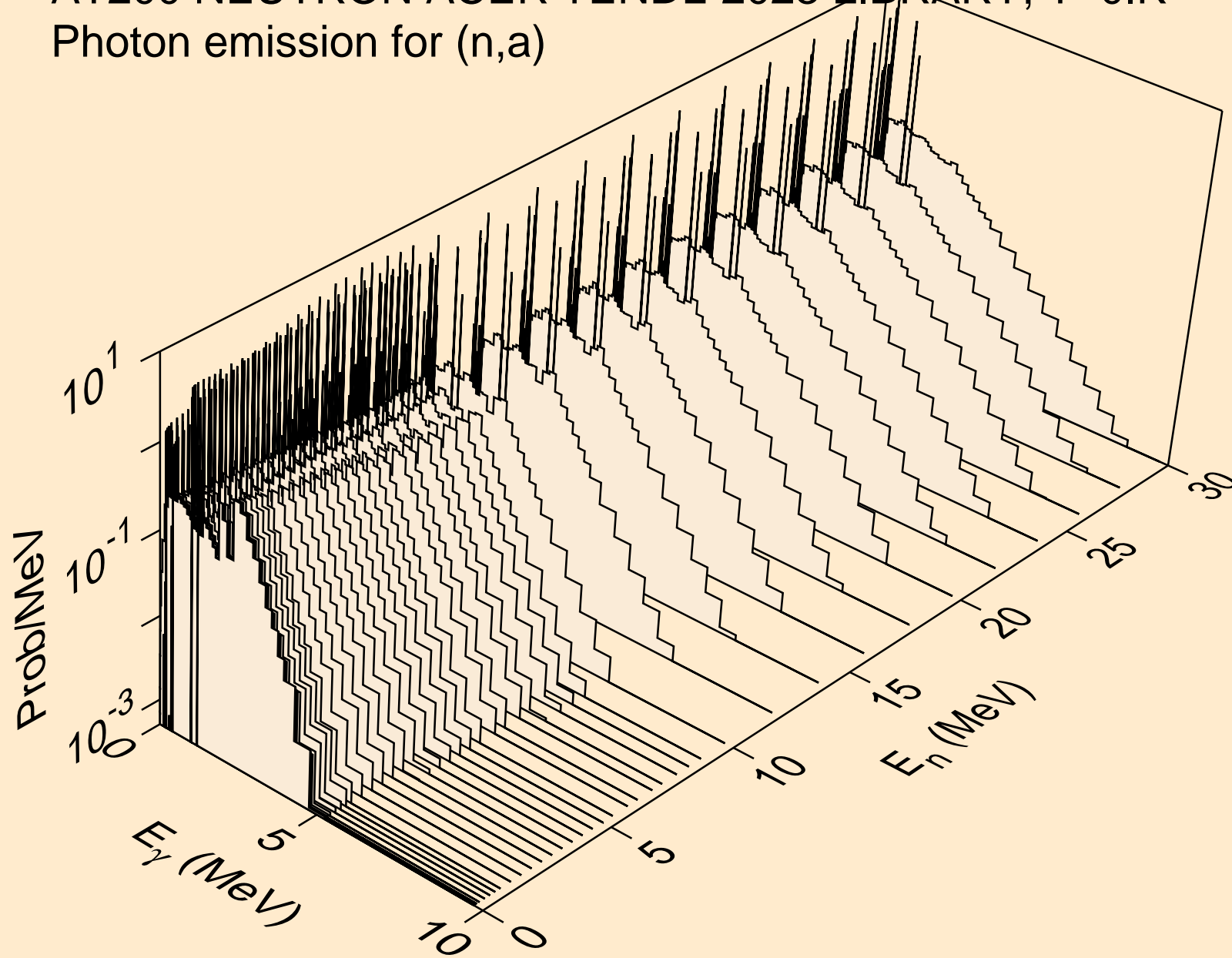


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

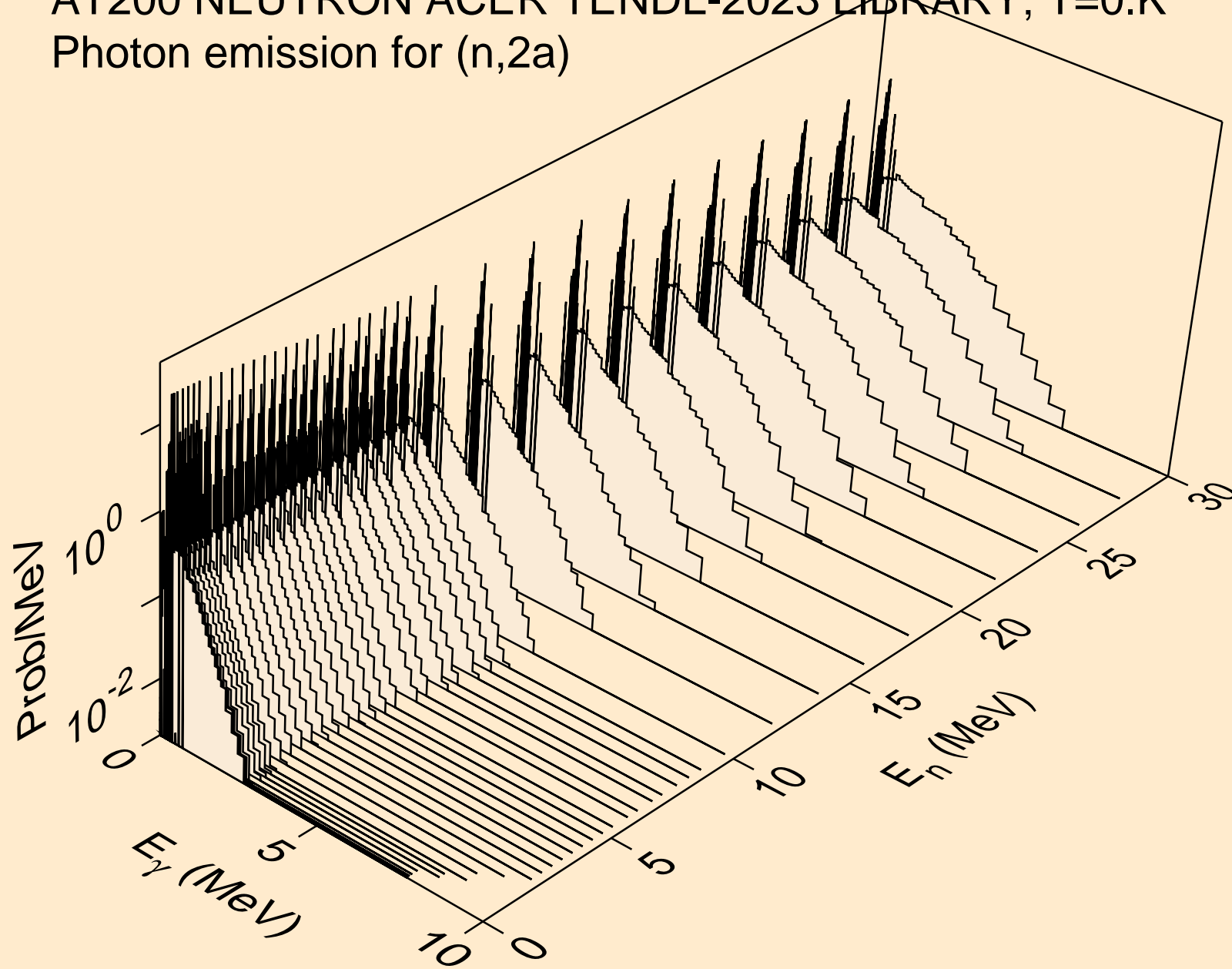




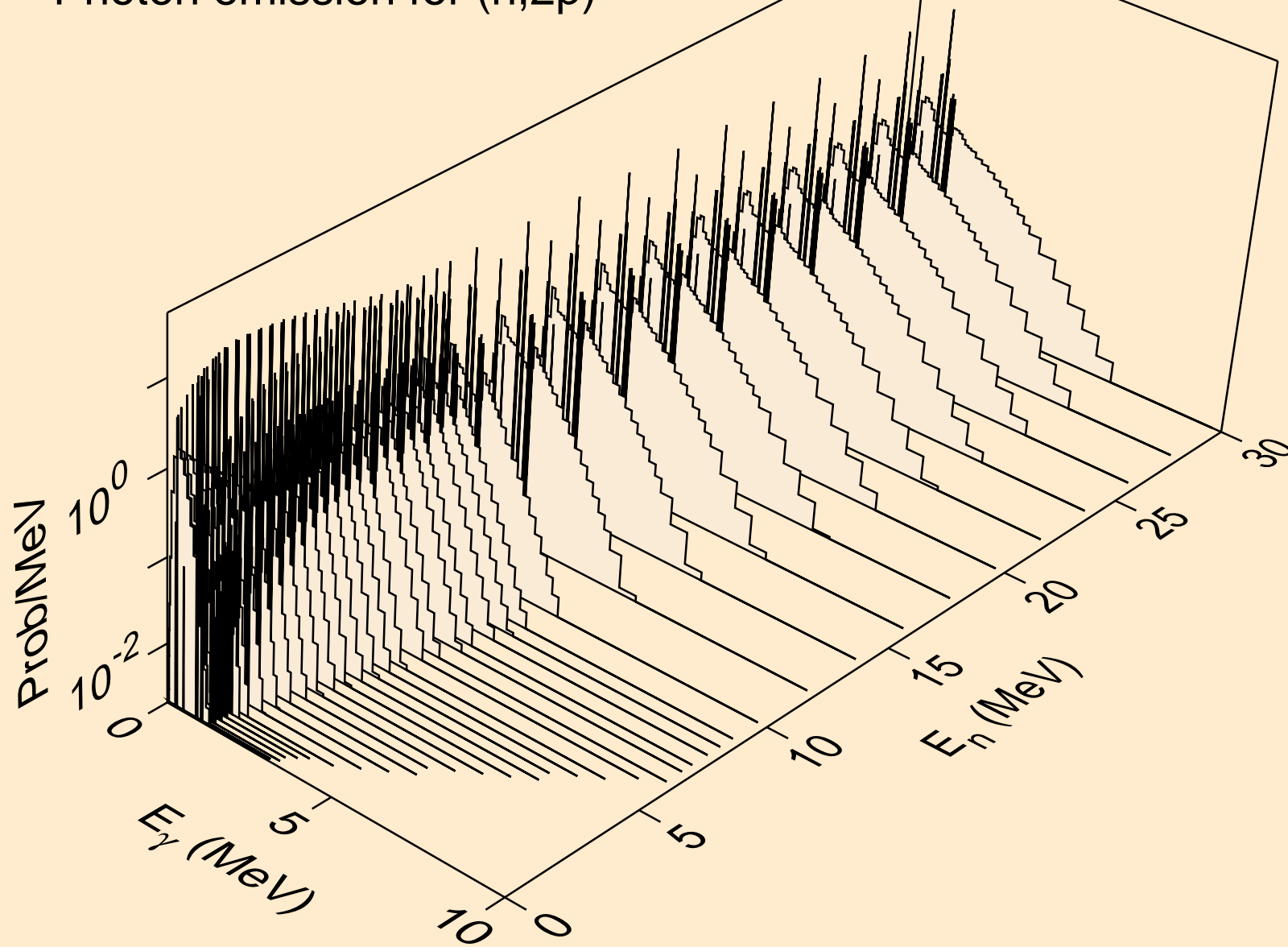
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



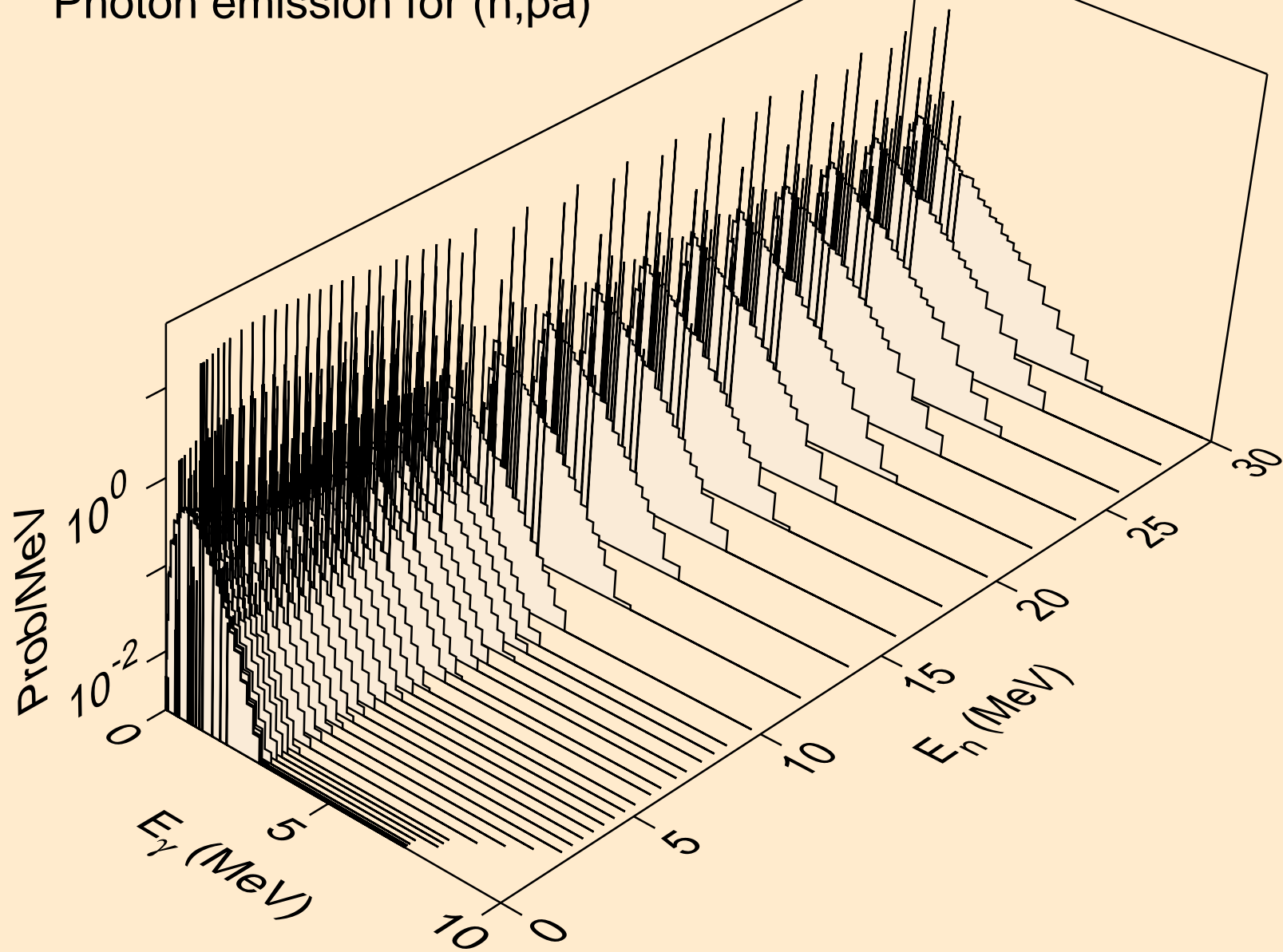
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



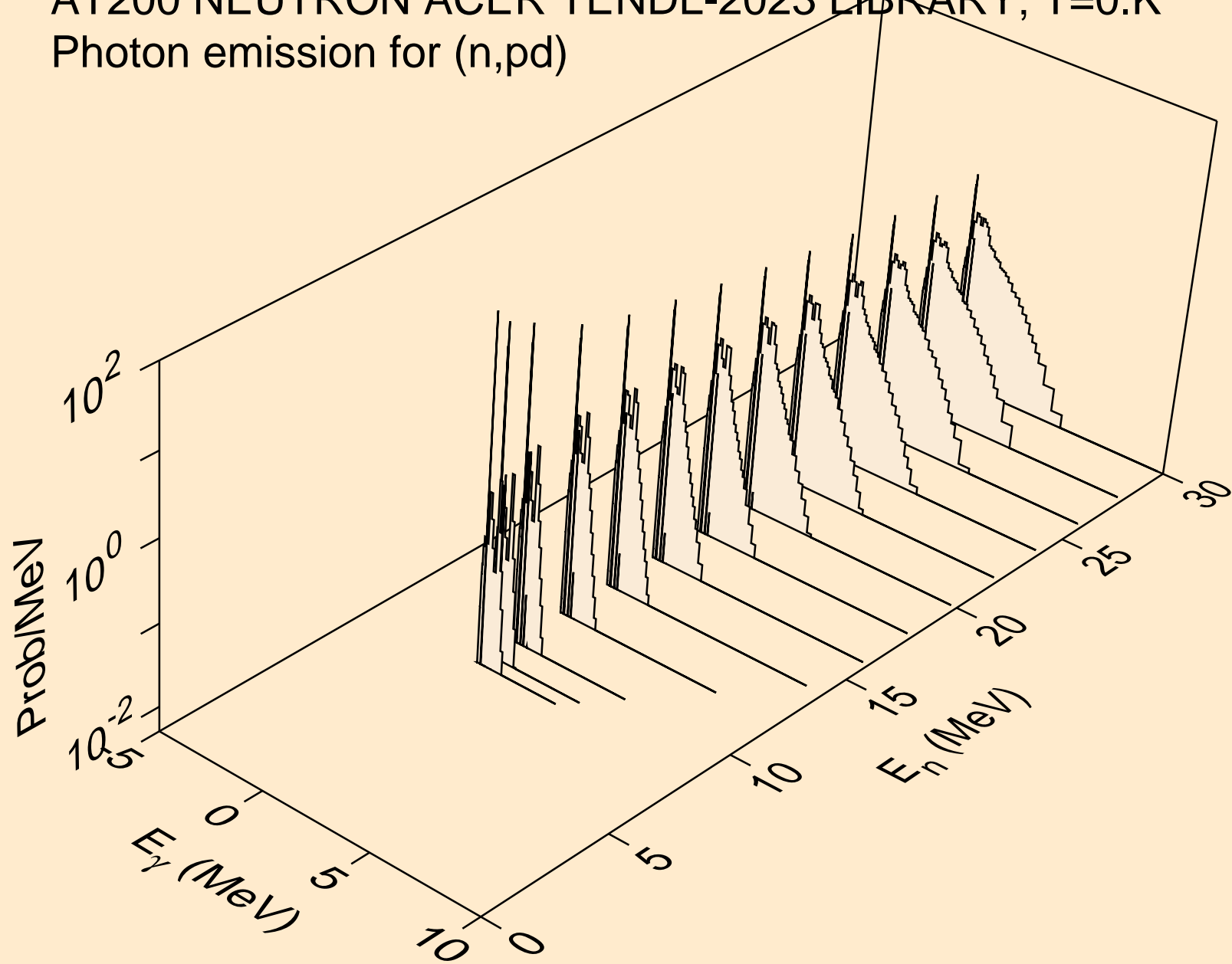
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



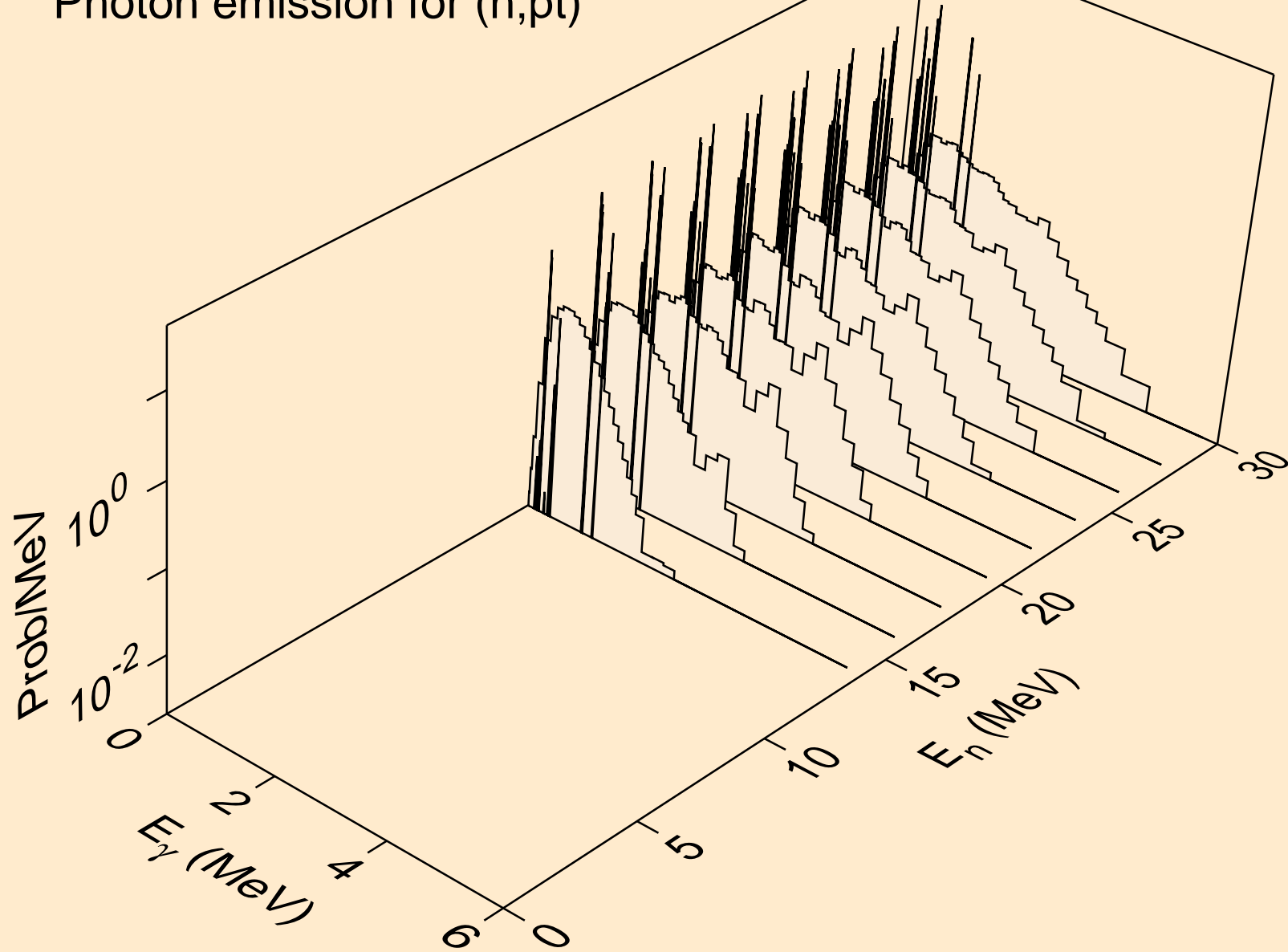
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



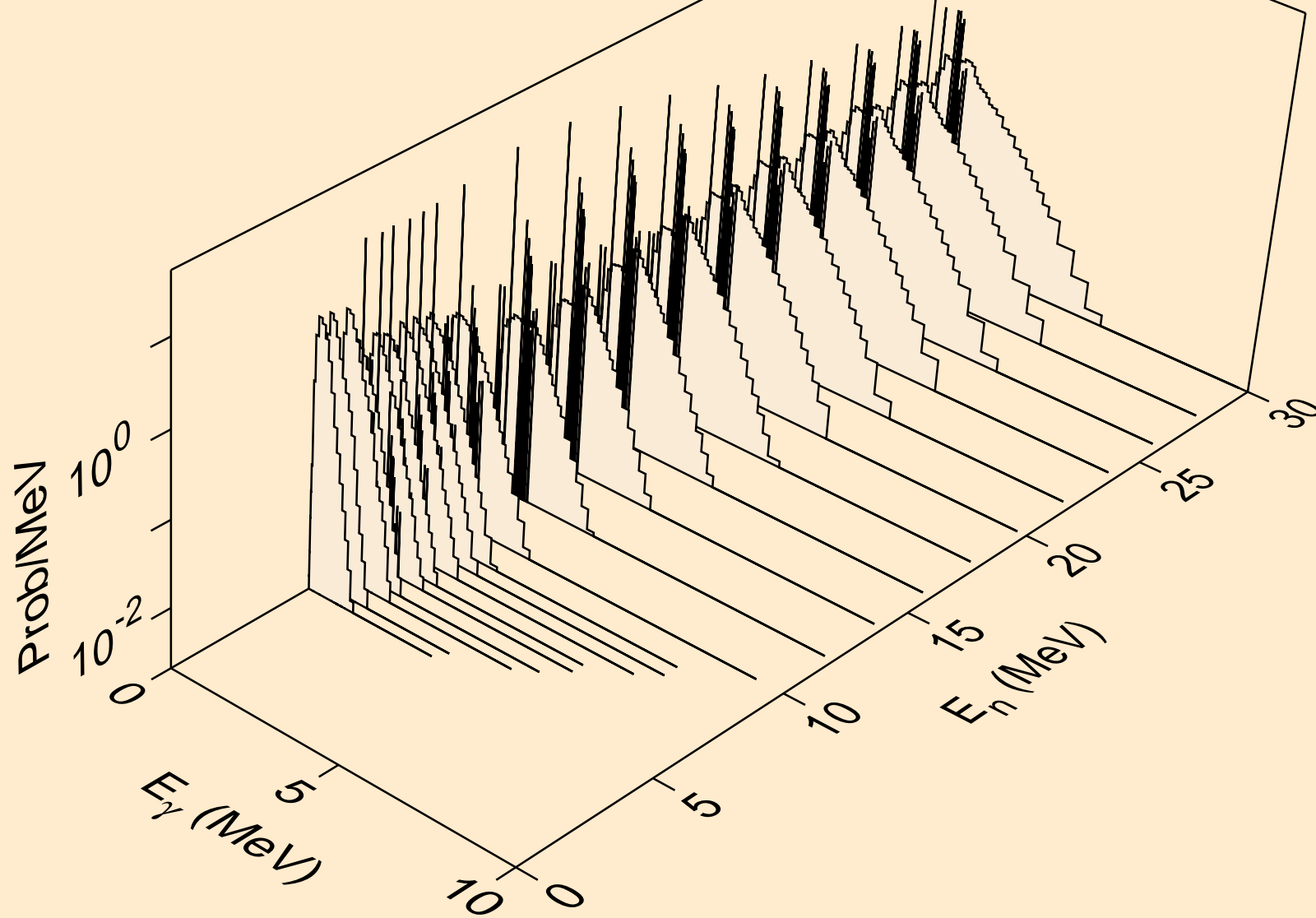
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



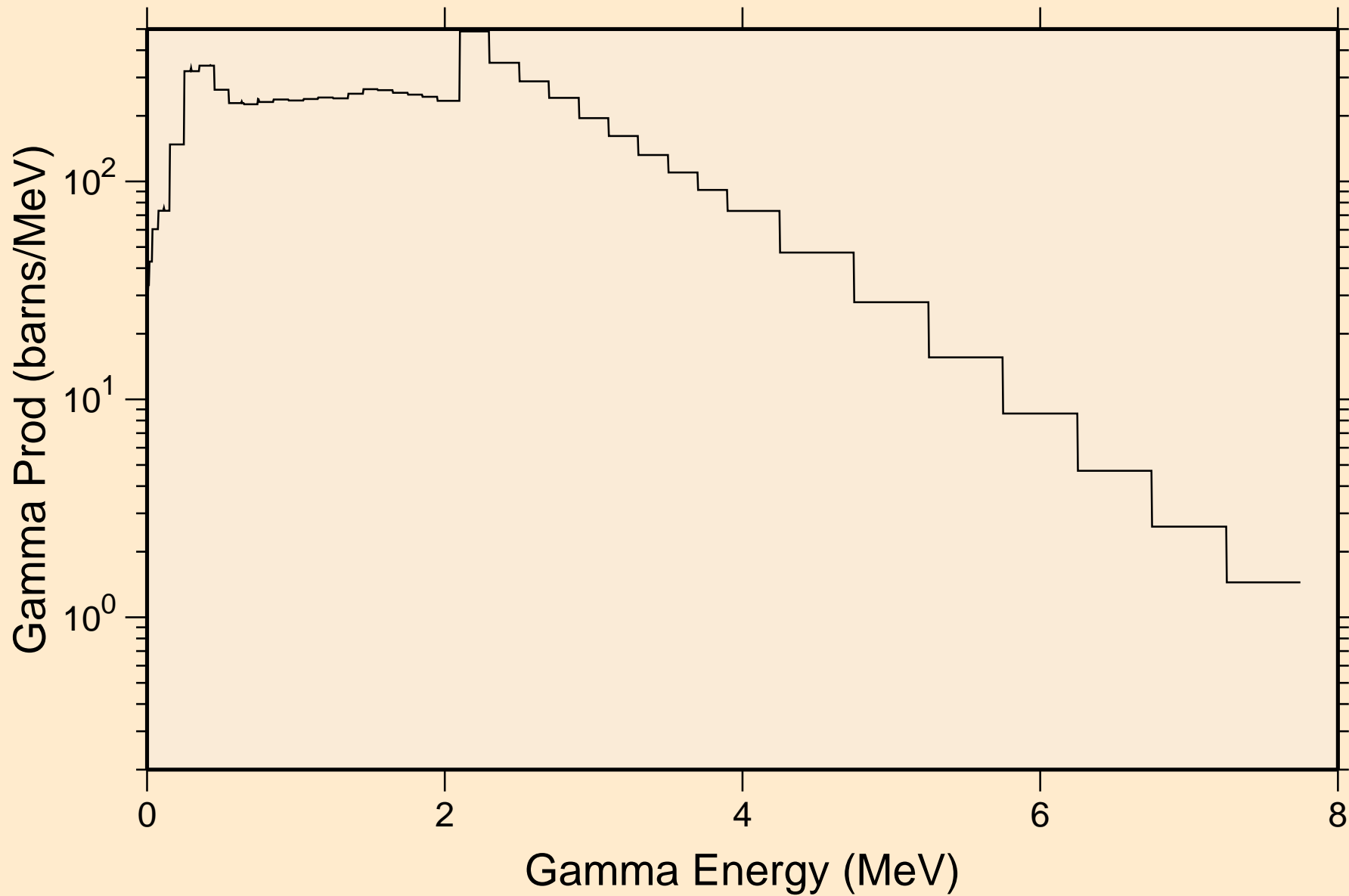
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

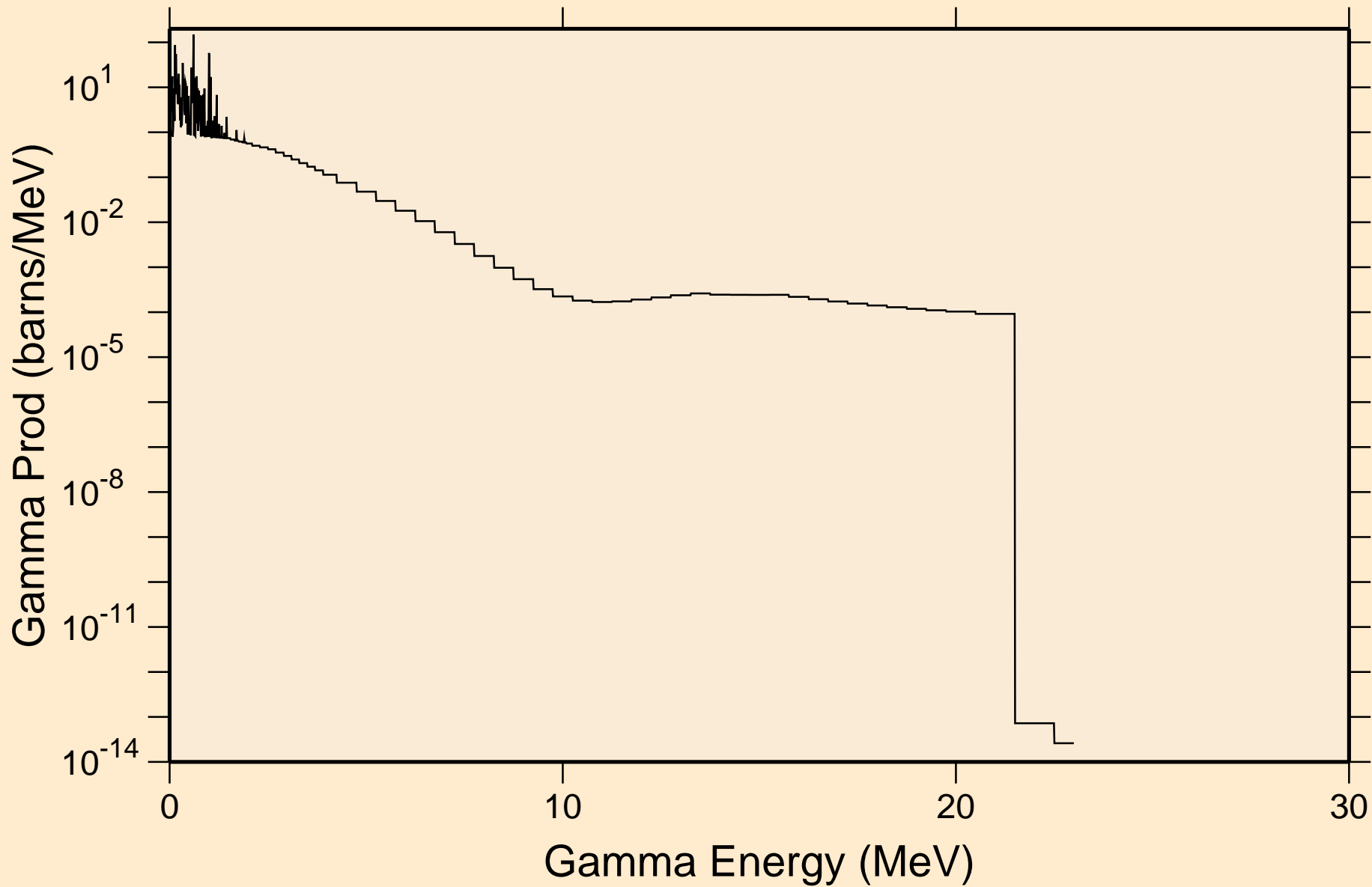


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



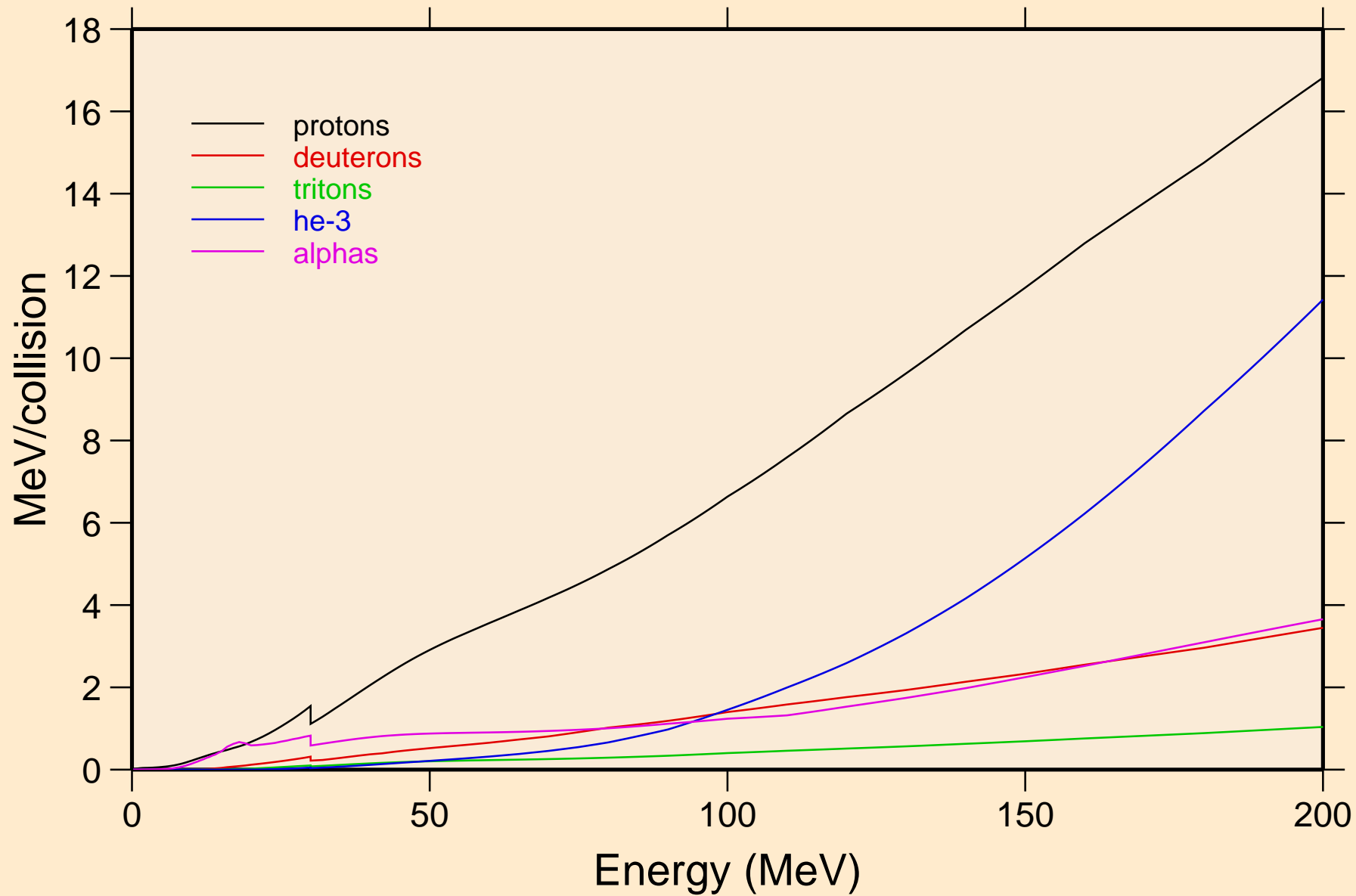


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

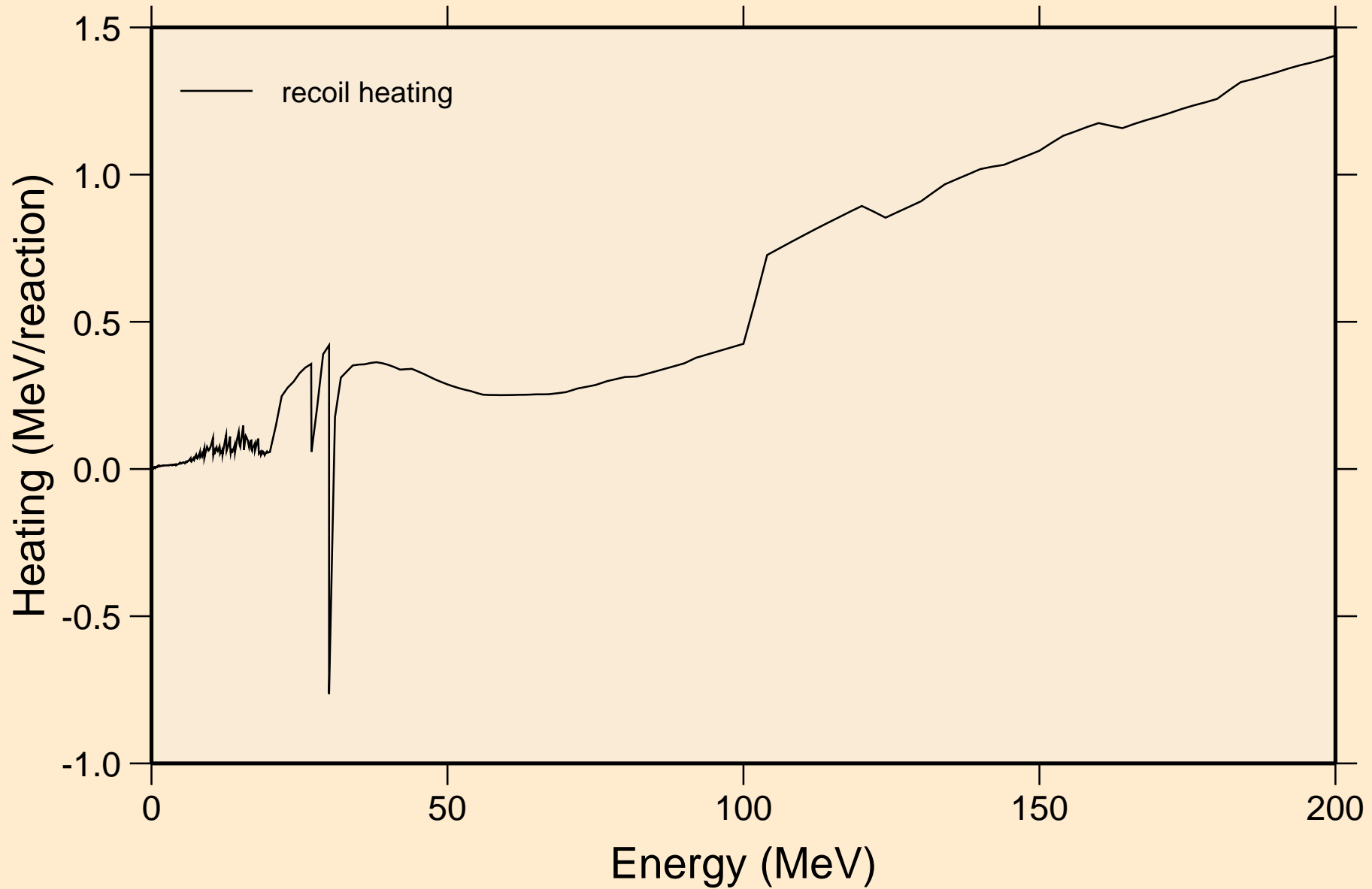


# AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

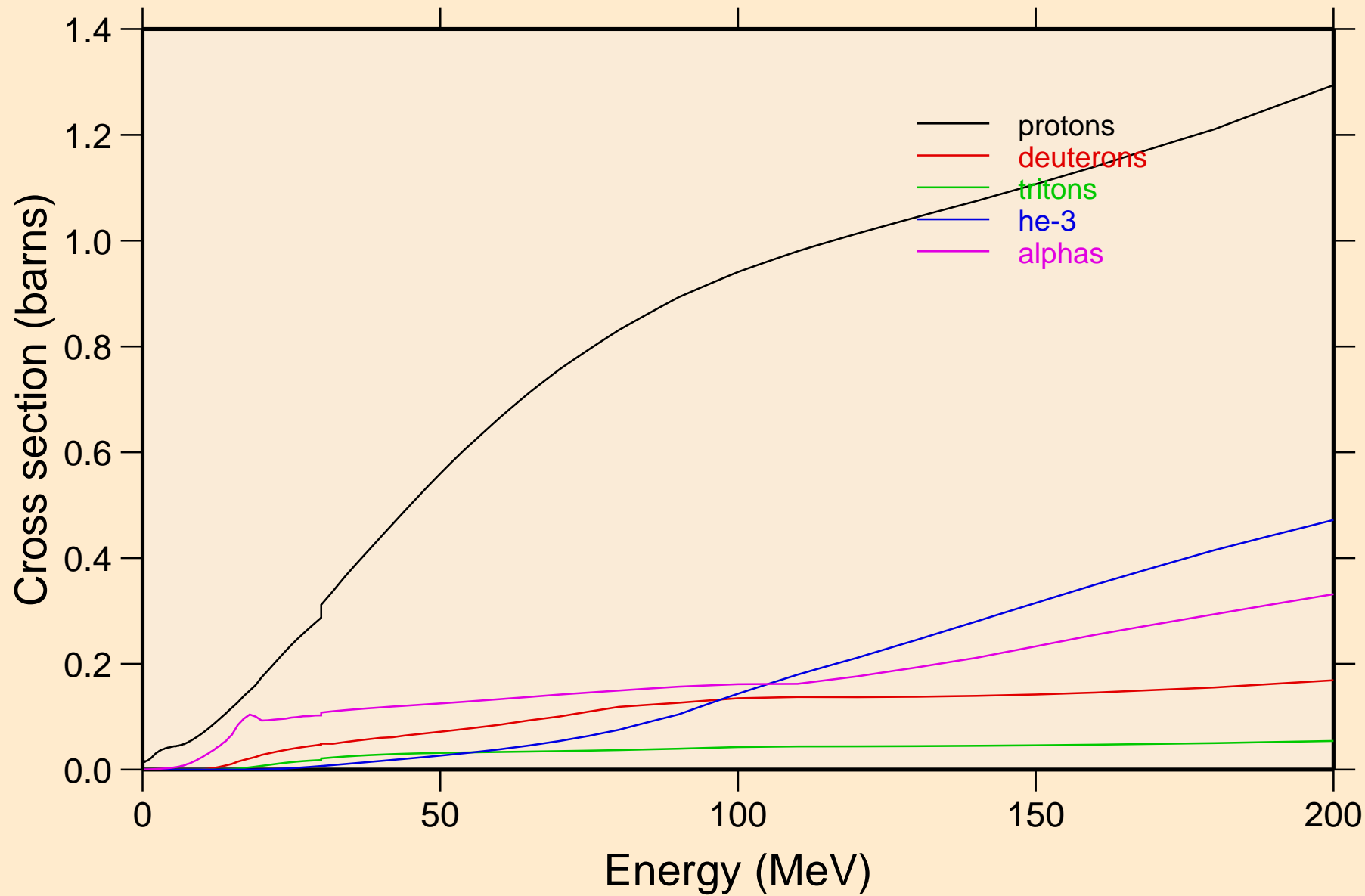
## Particle heating contributions



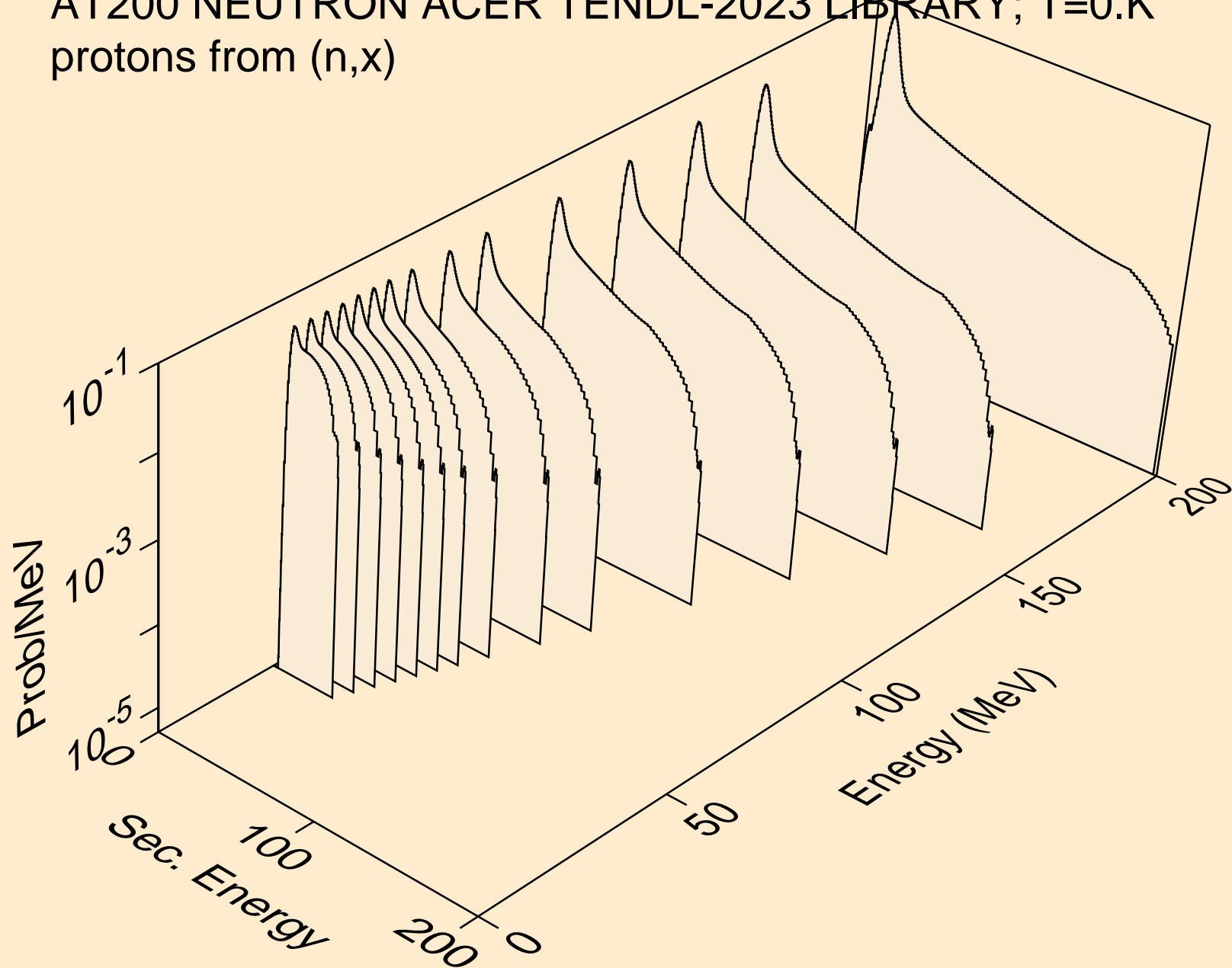
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



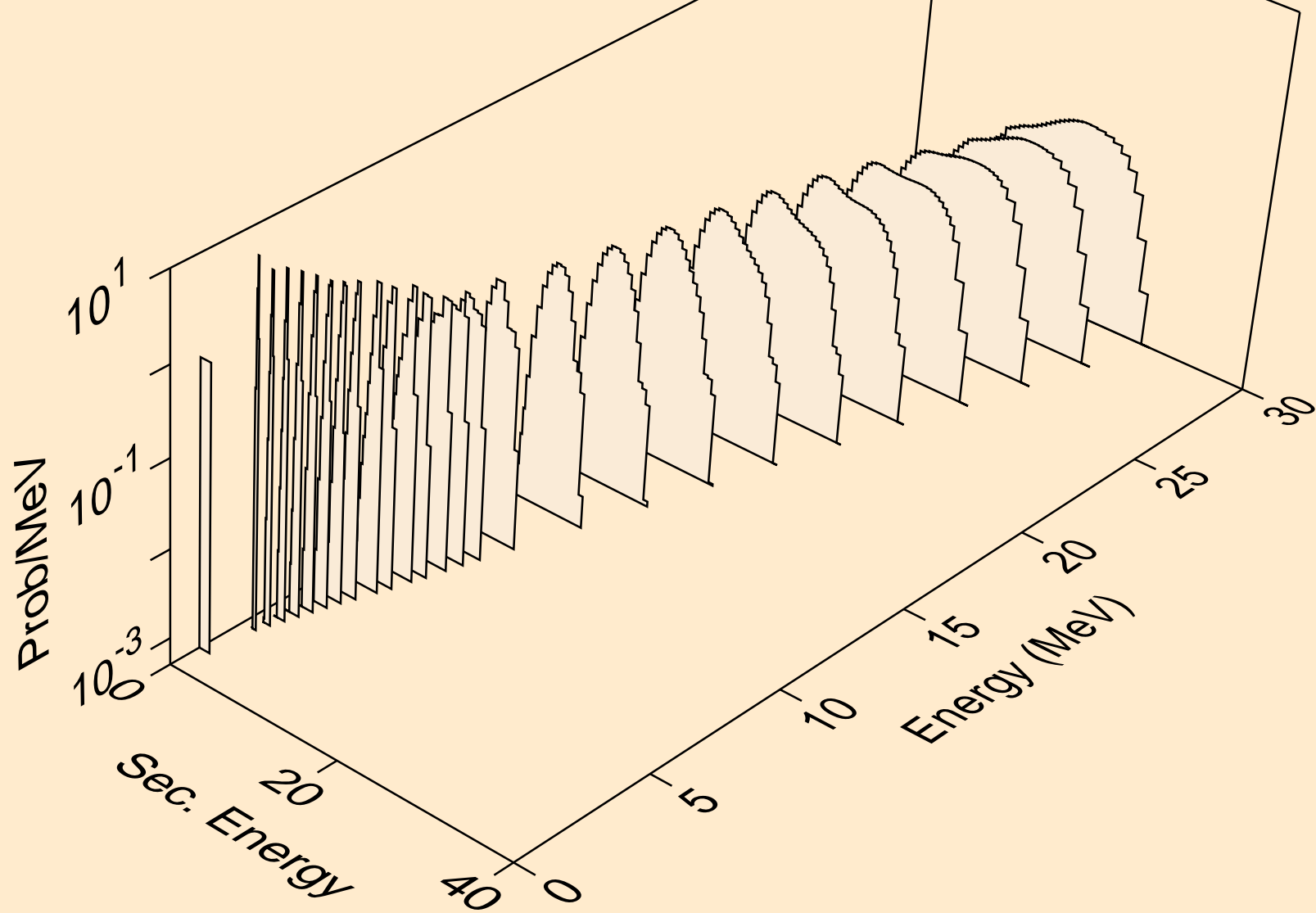
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



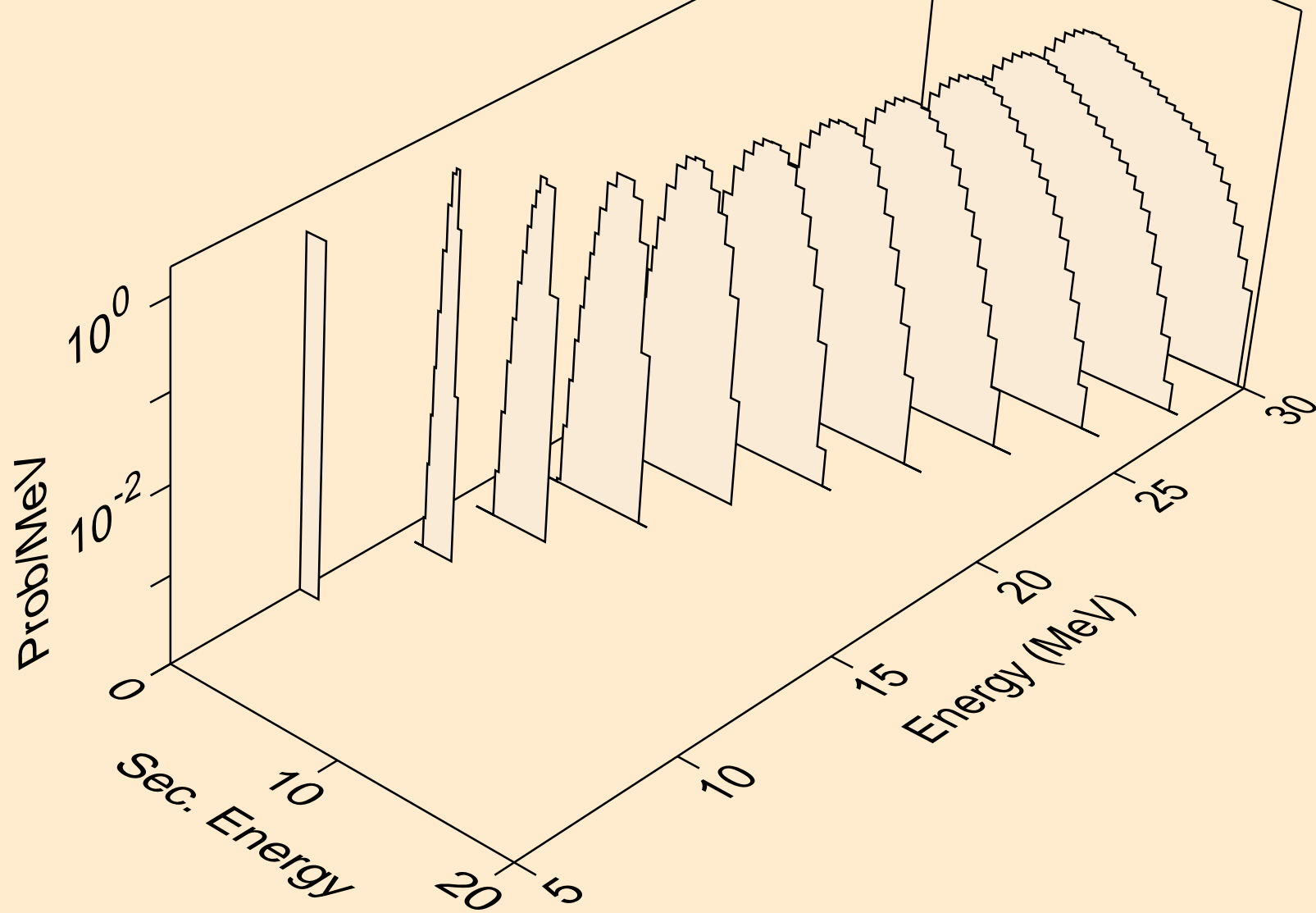
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



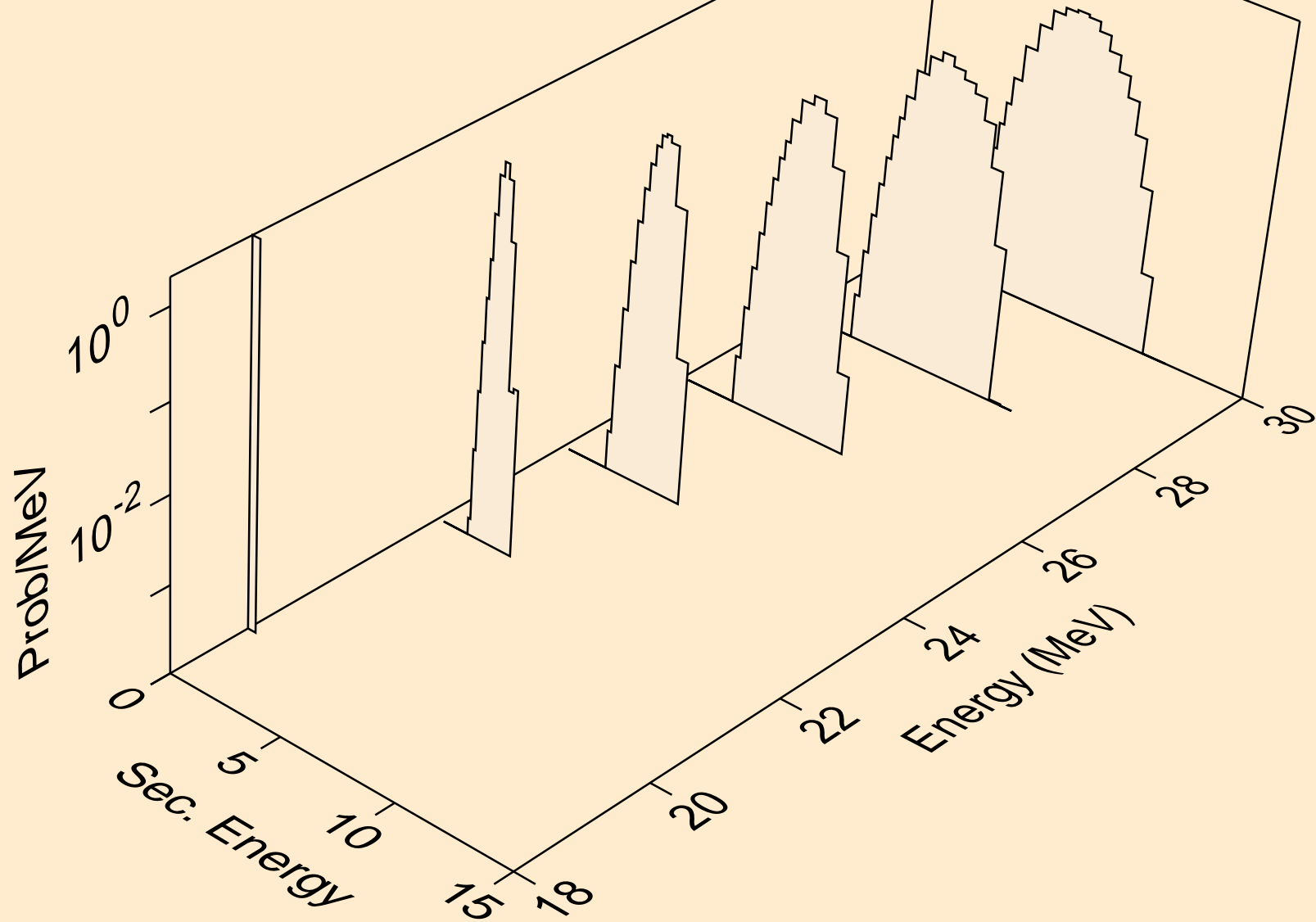
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

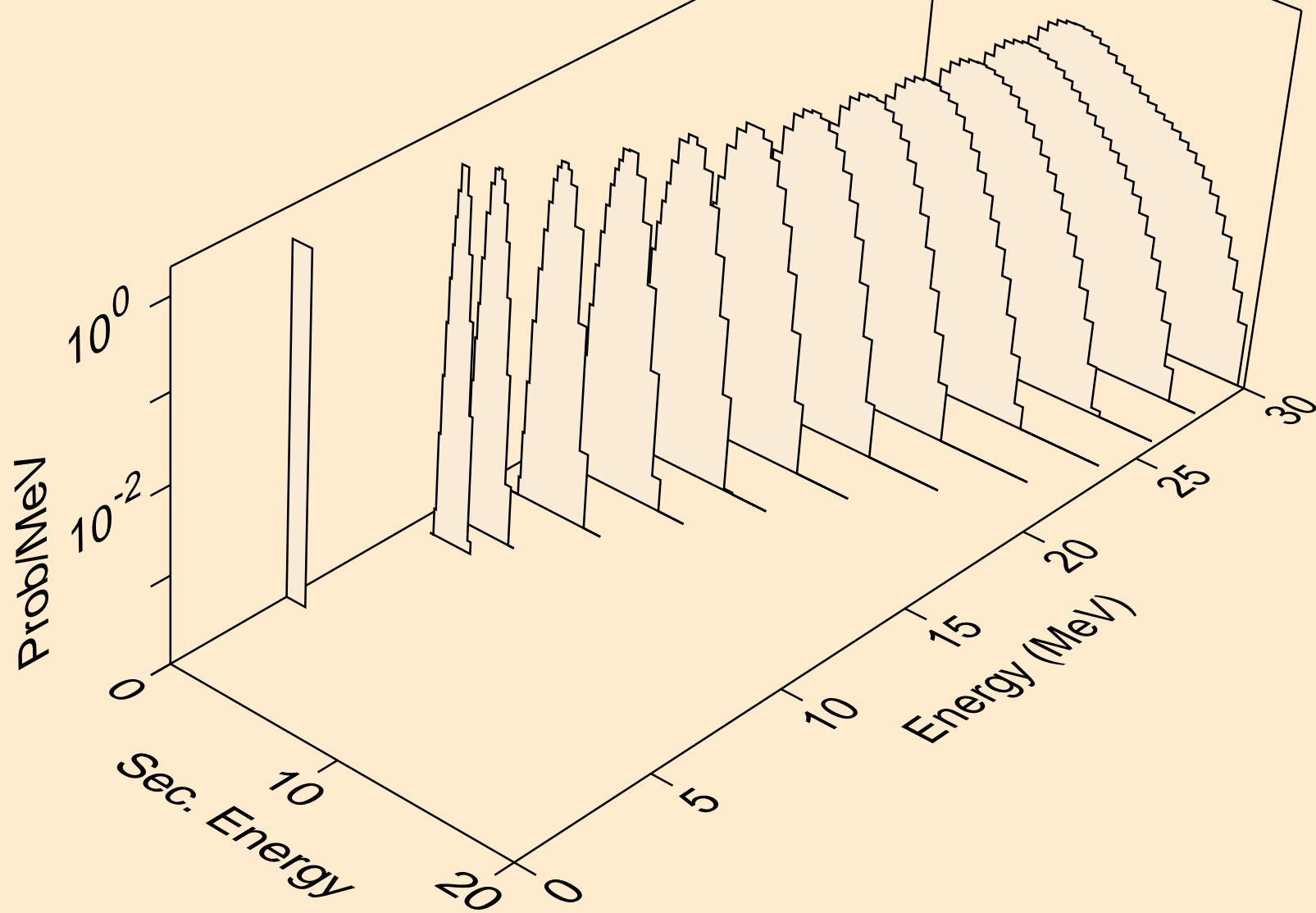


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

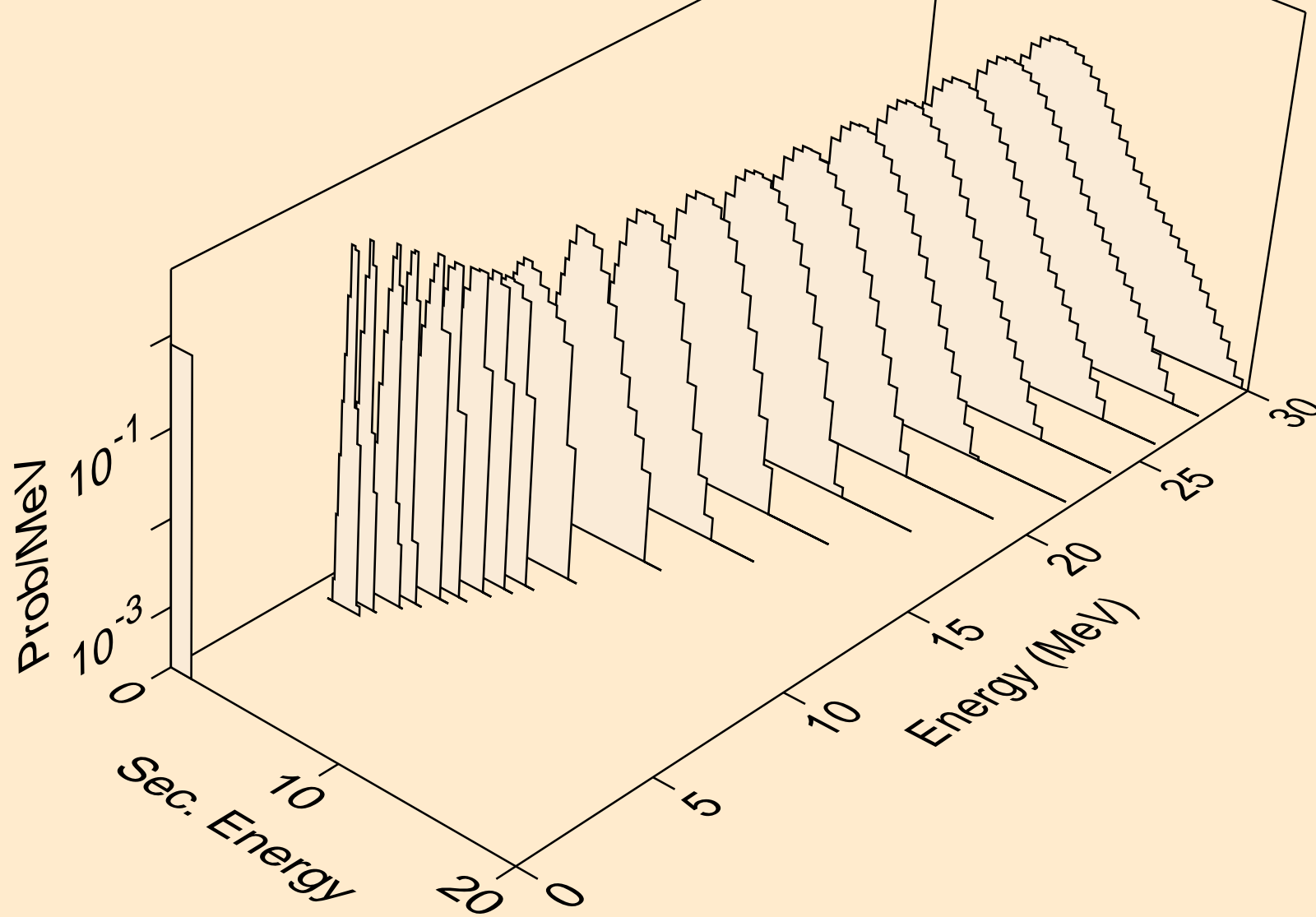




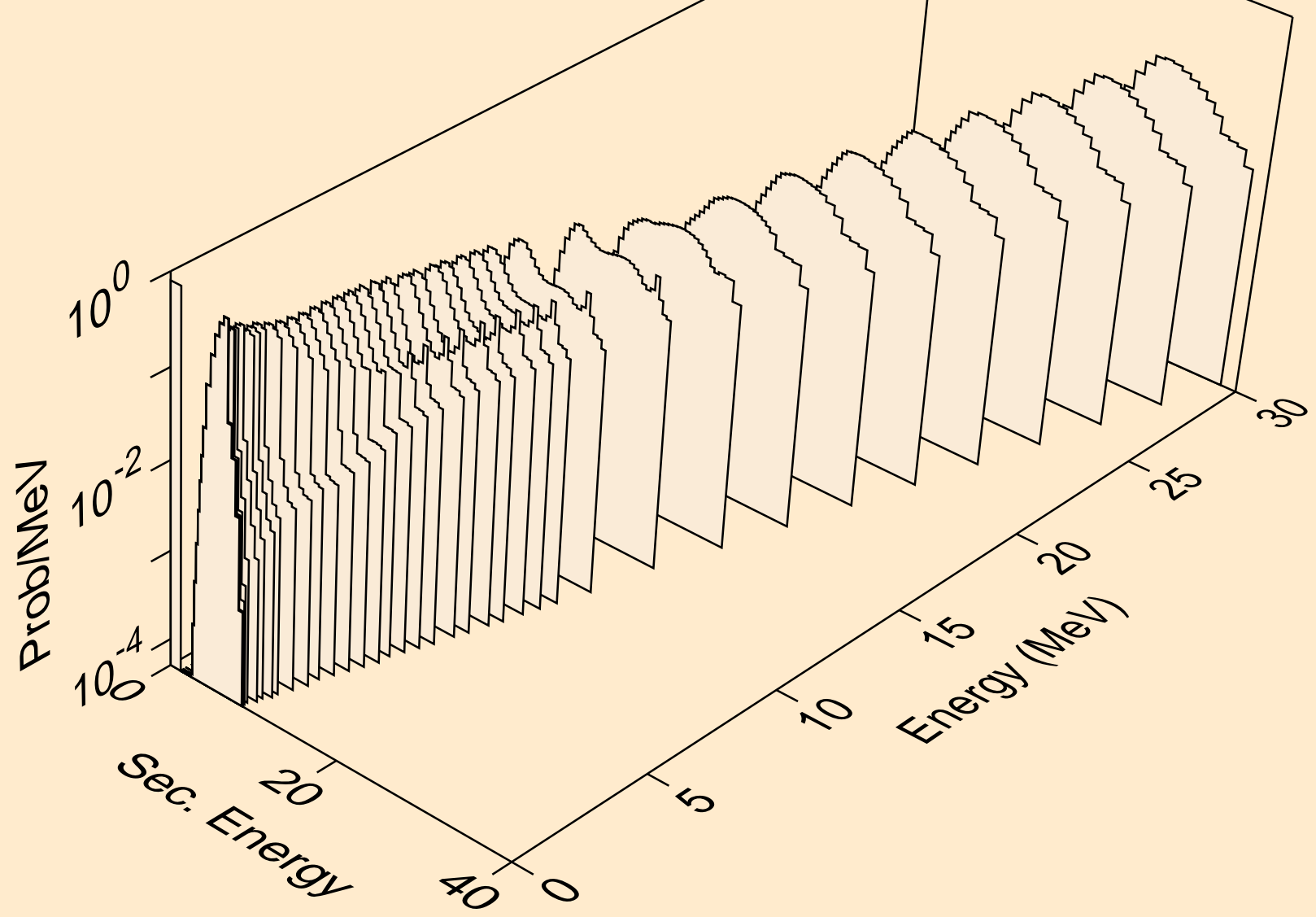
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protons from (n,n2p)



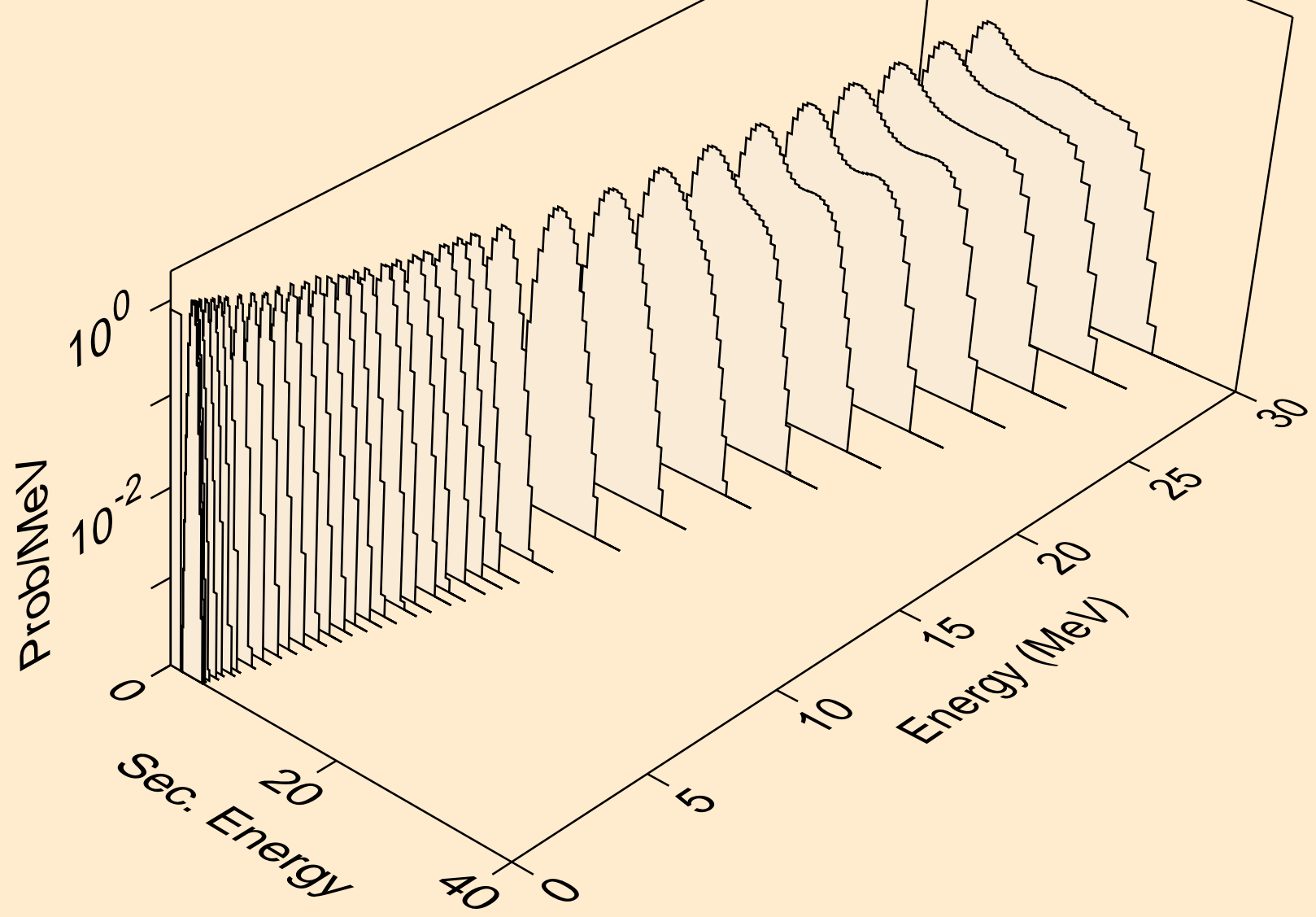
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protons from (n,npa)



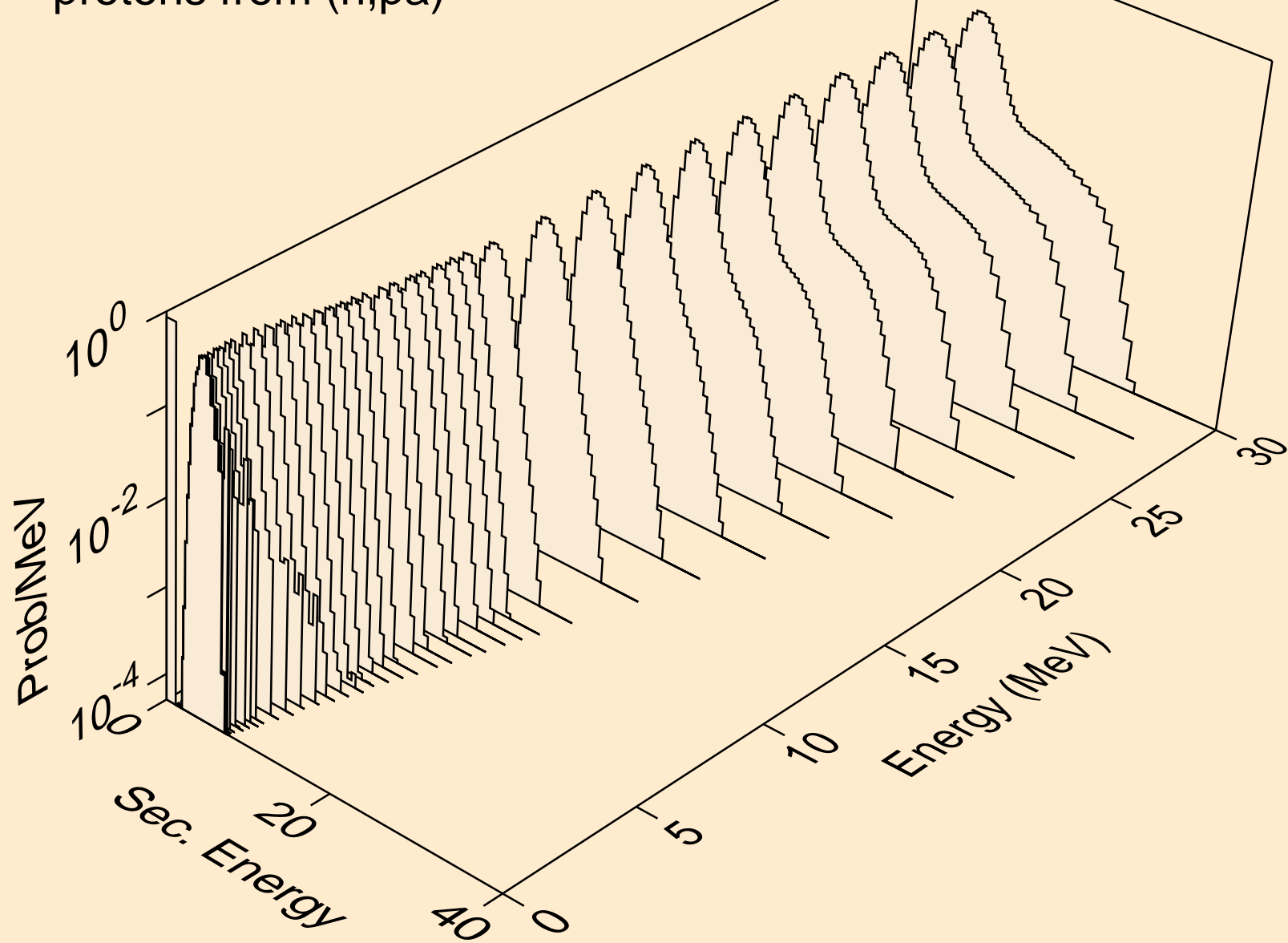
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protons from (n,p)



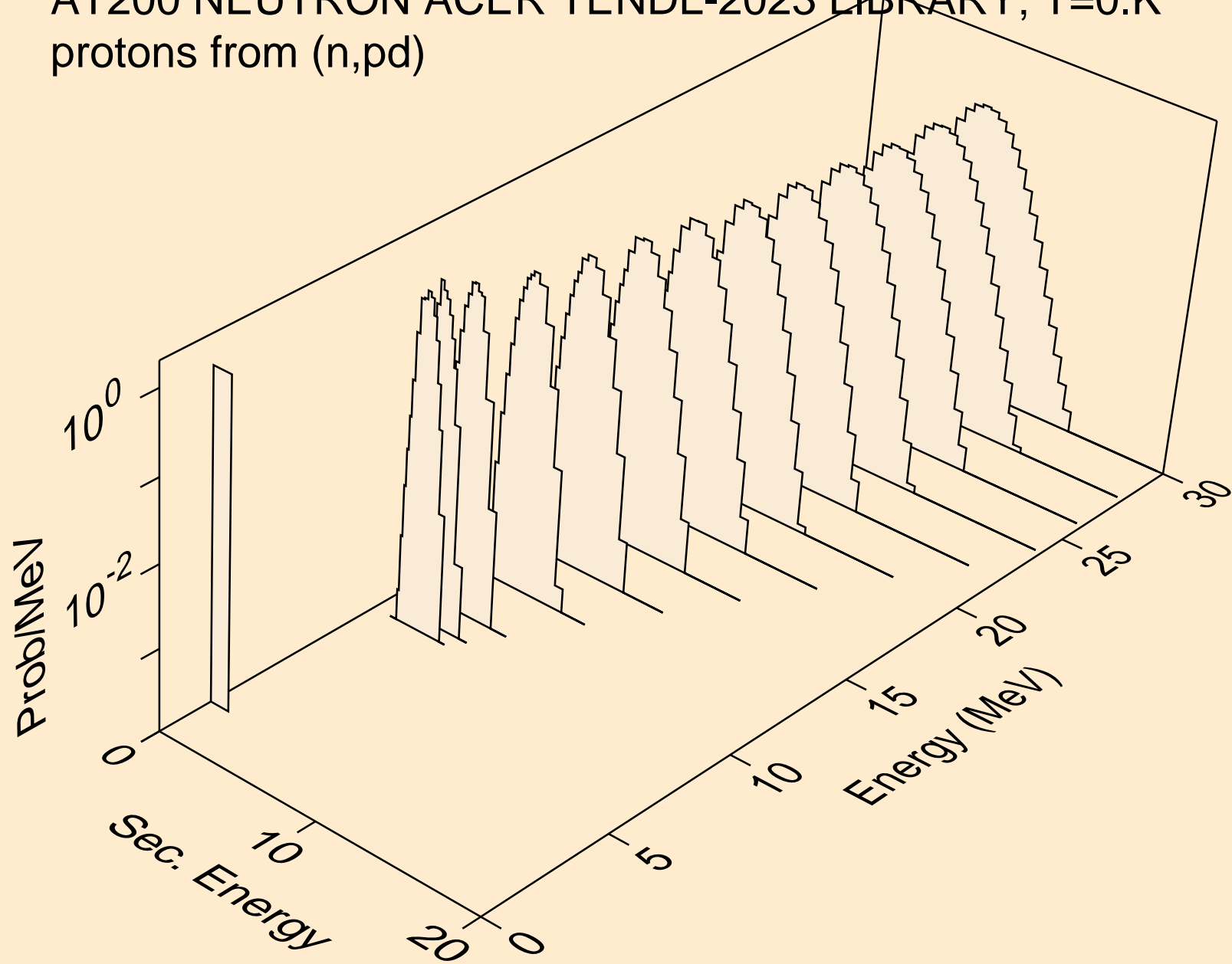
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protons from (n,2p)



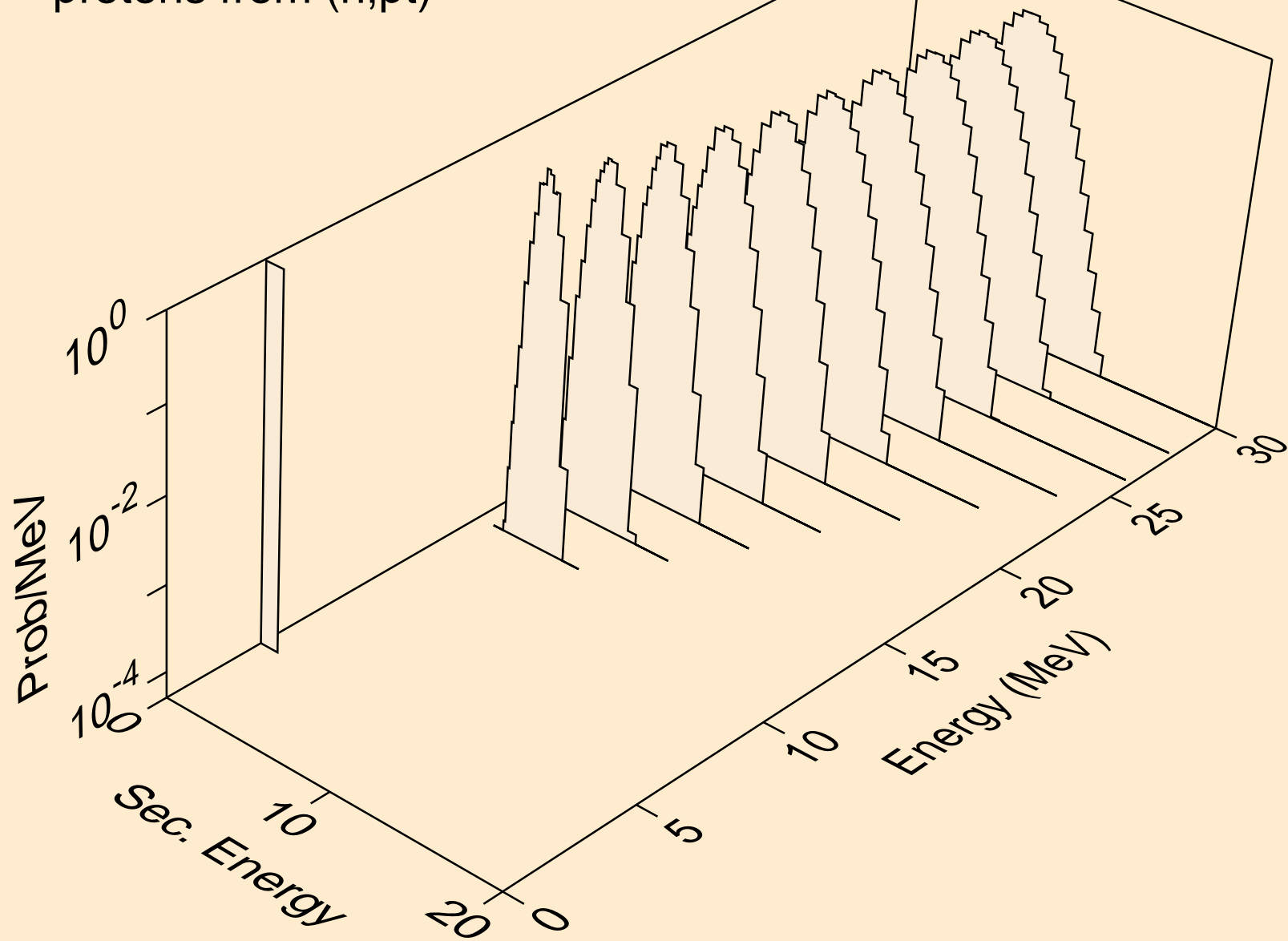
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protons from (n,p)



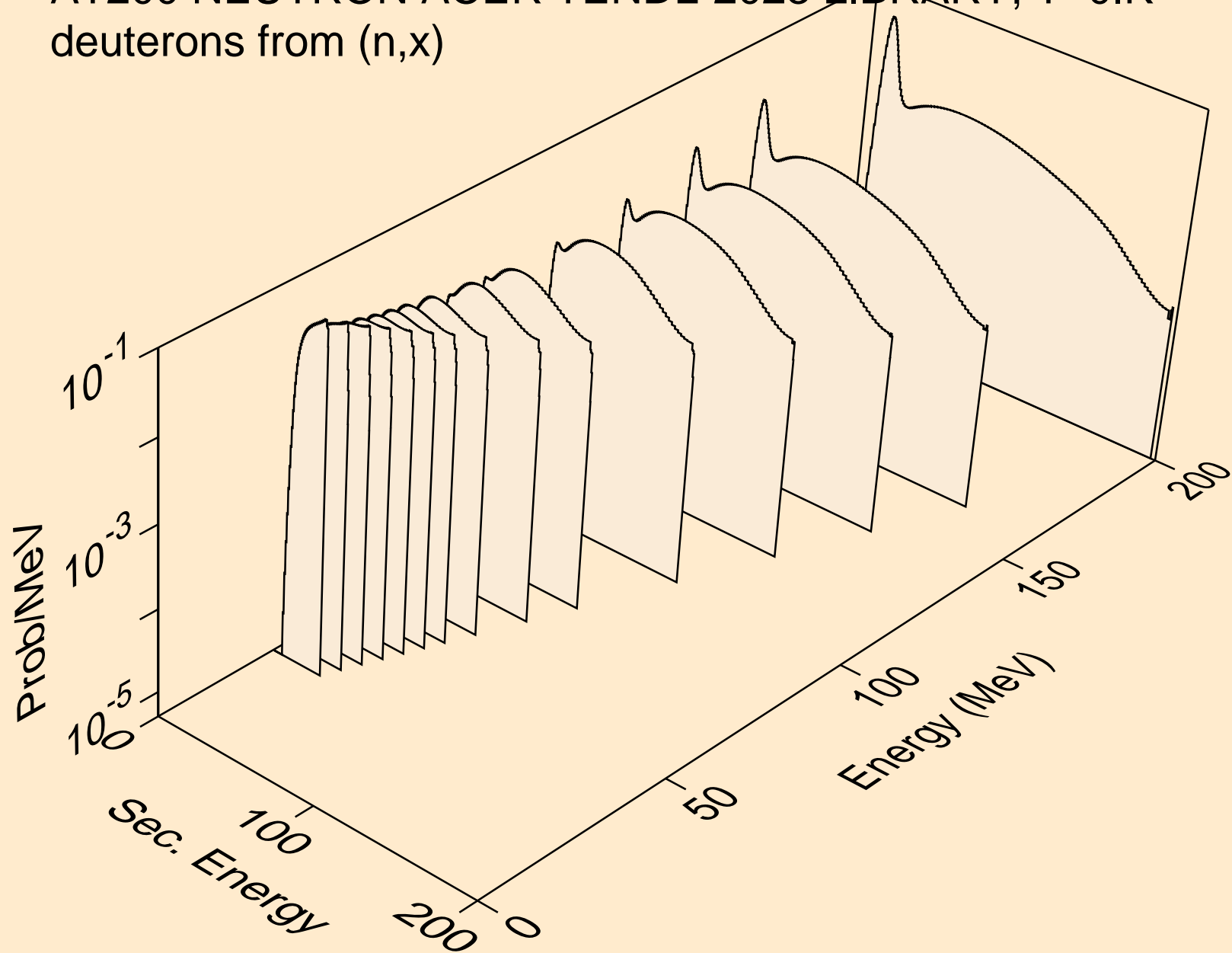
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

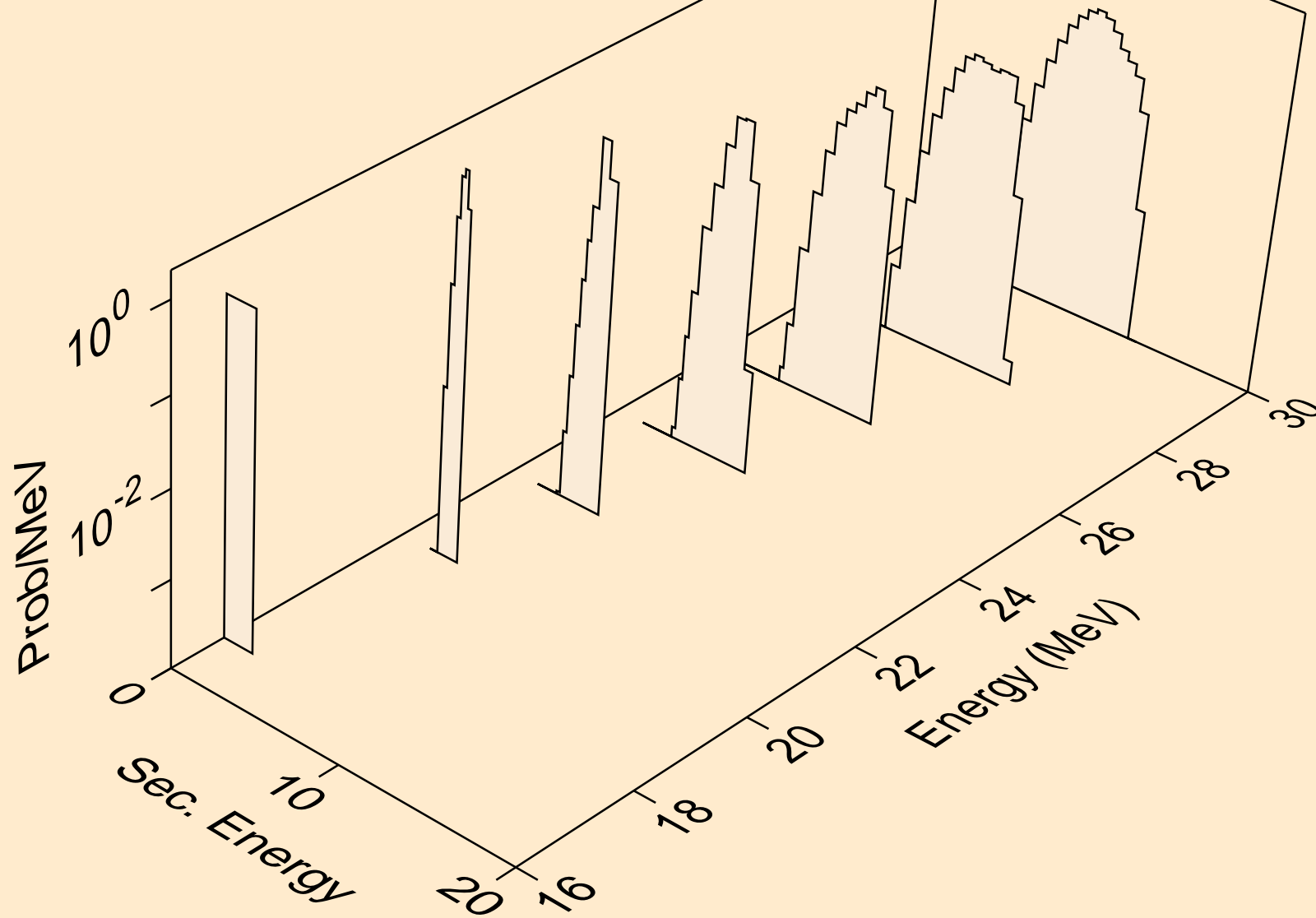


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

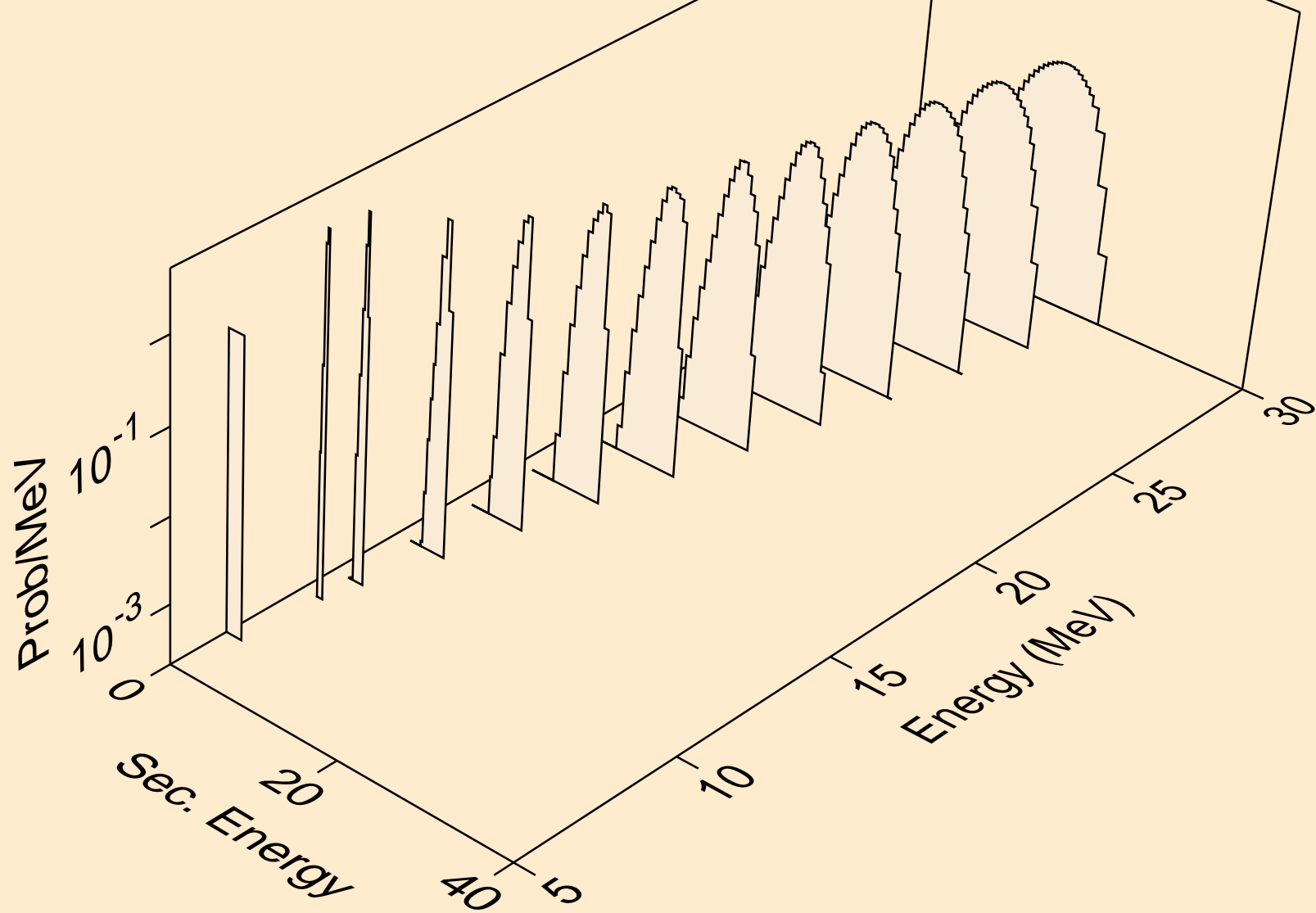




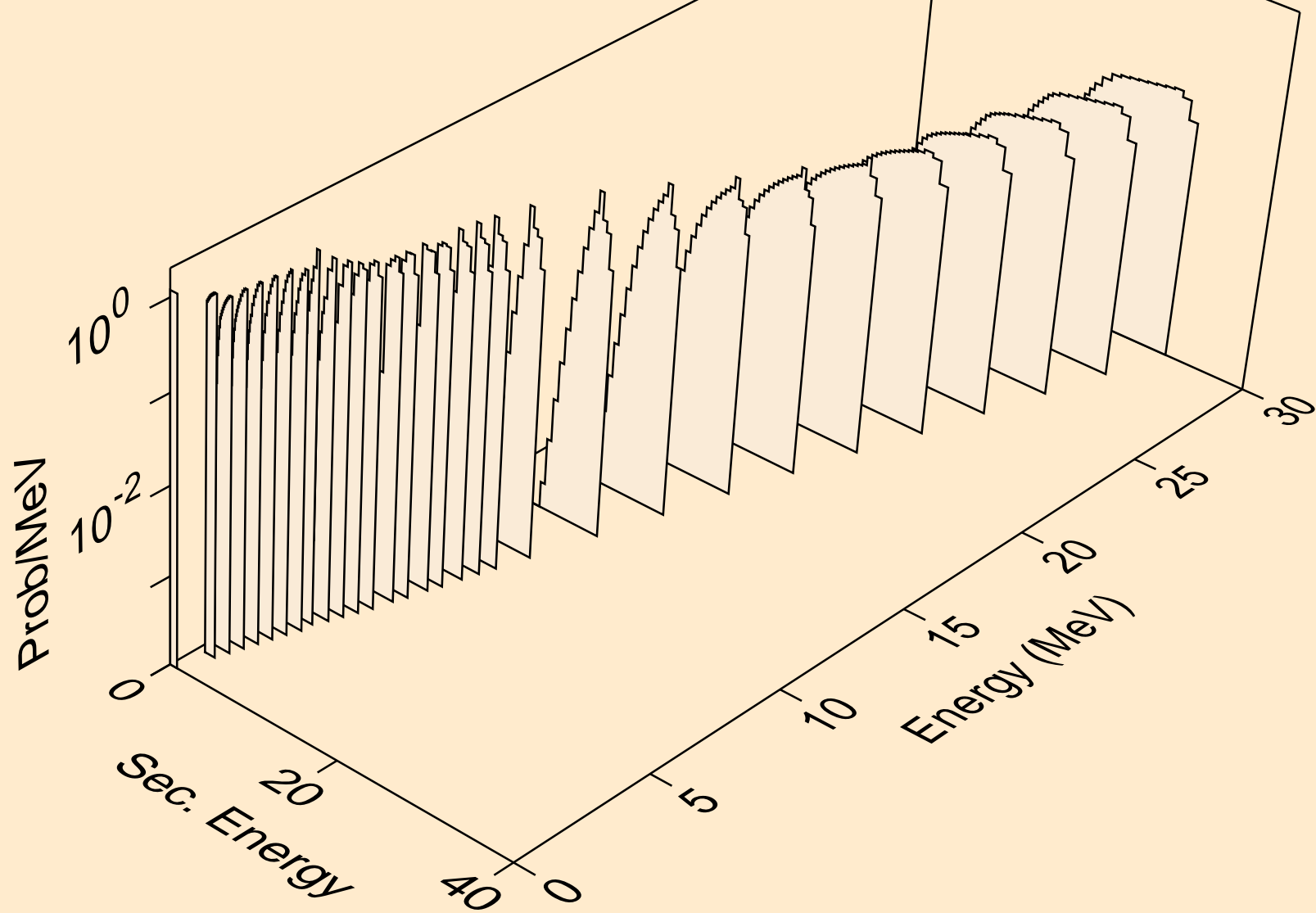
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deuterons from (n,2nd)



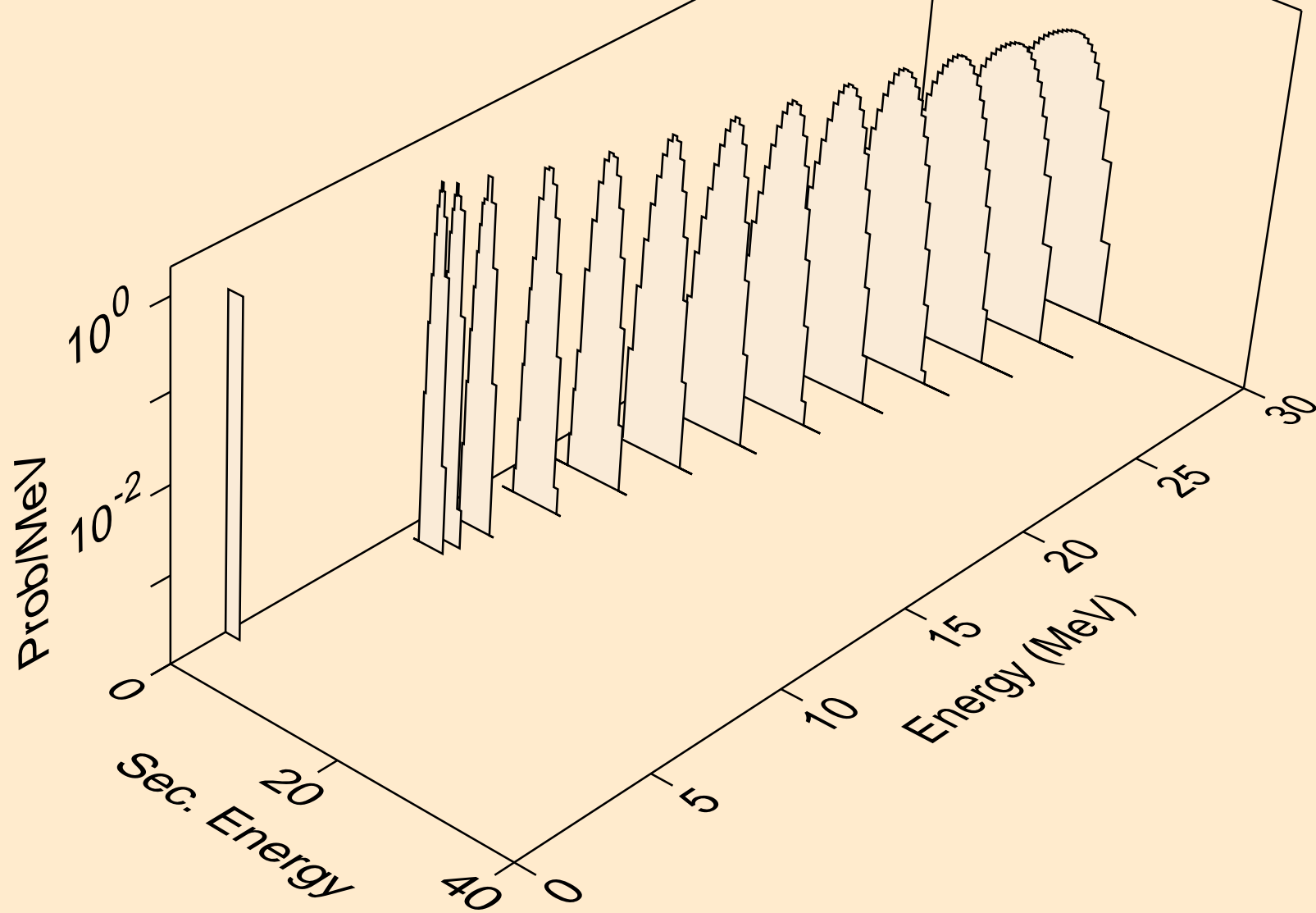
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



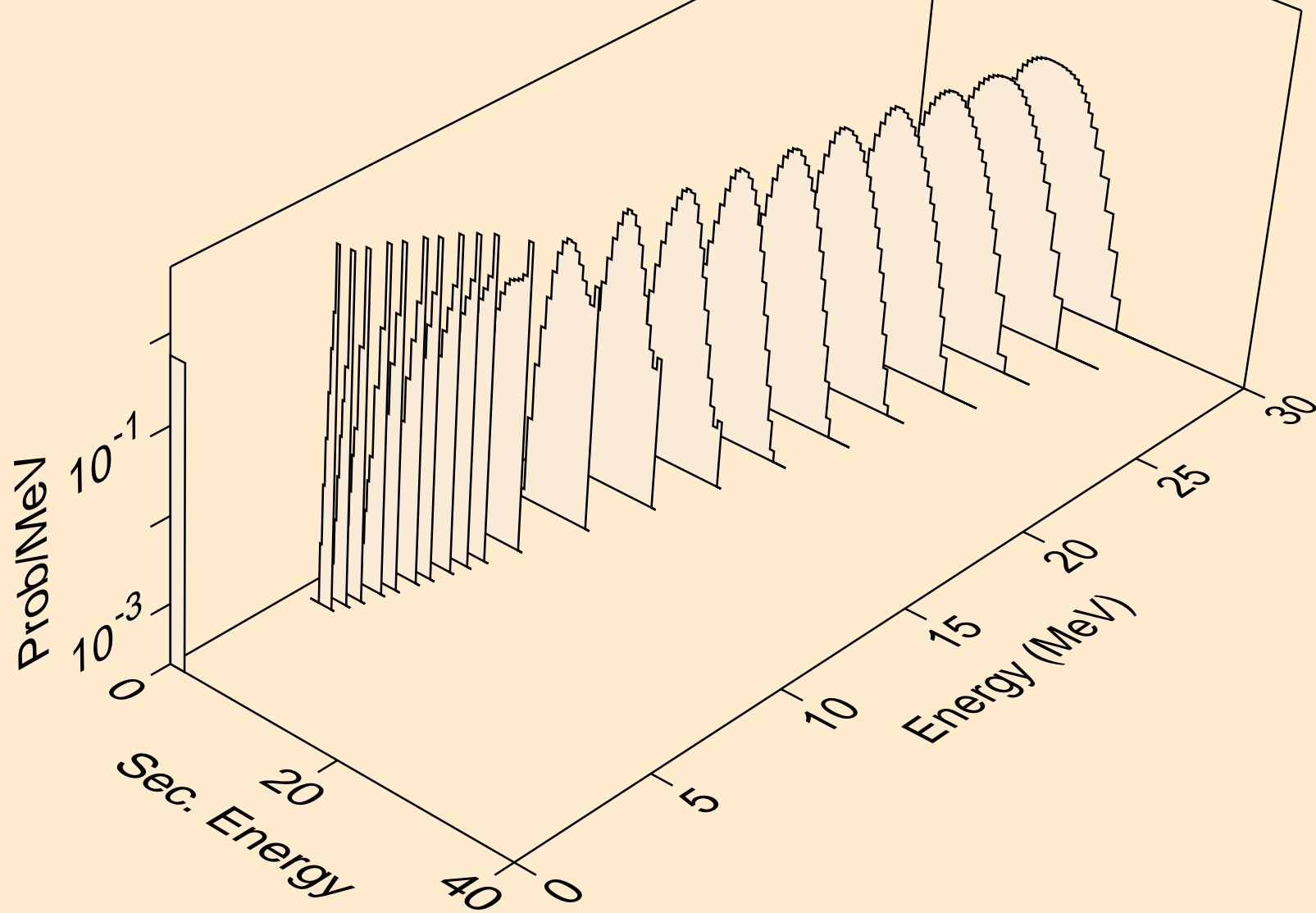
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



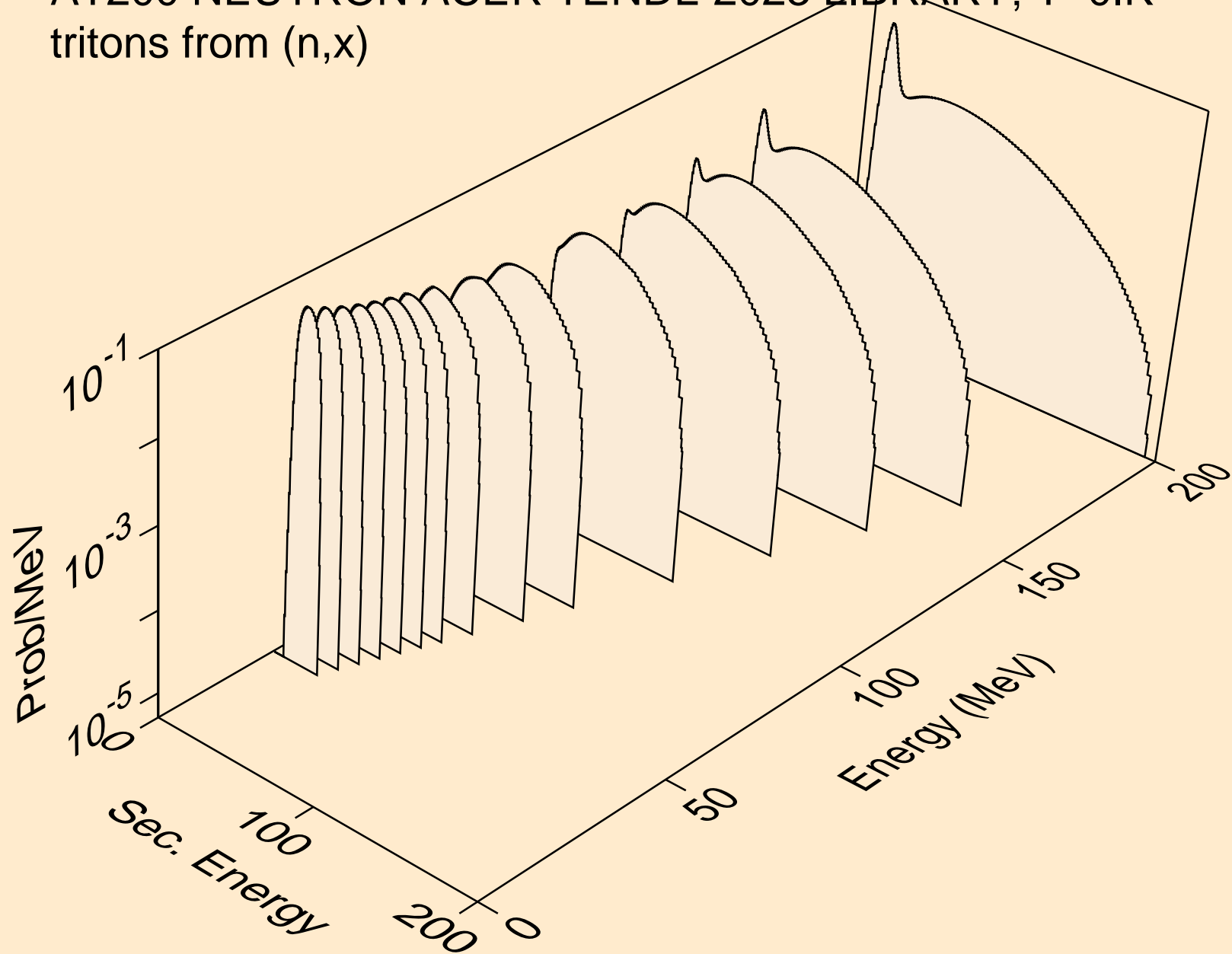
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



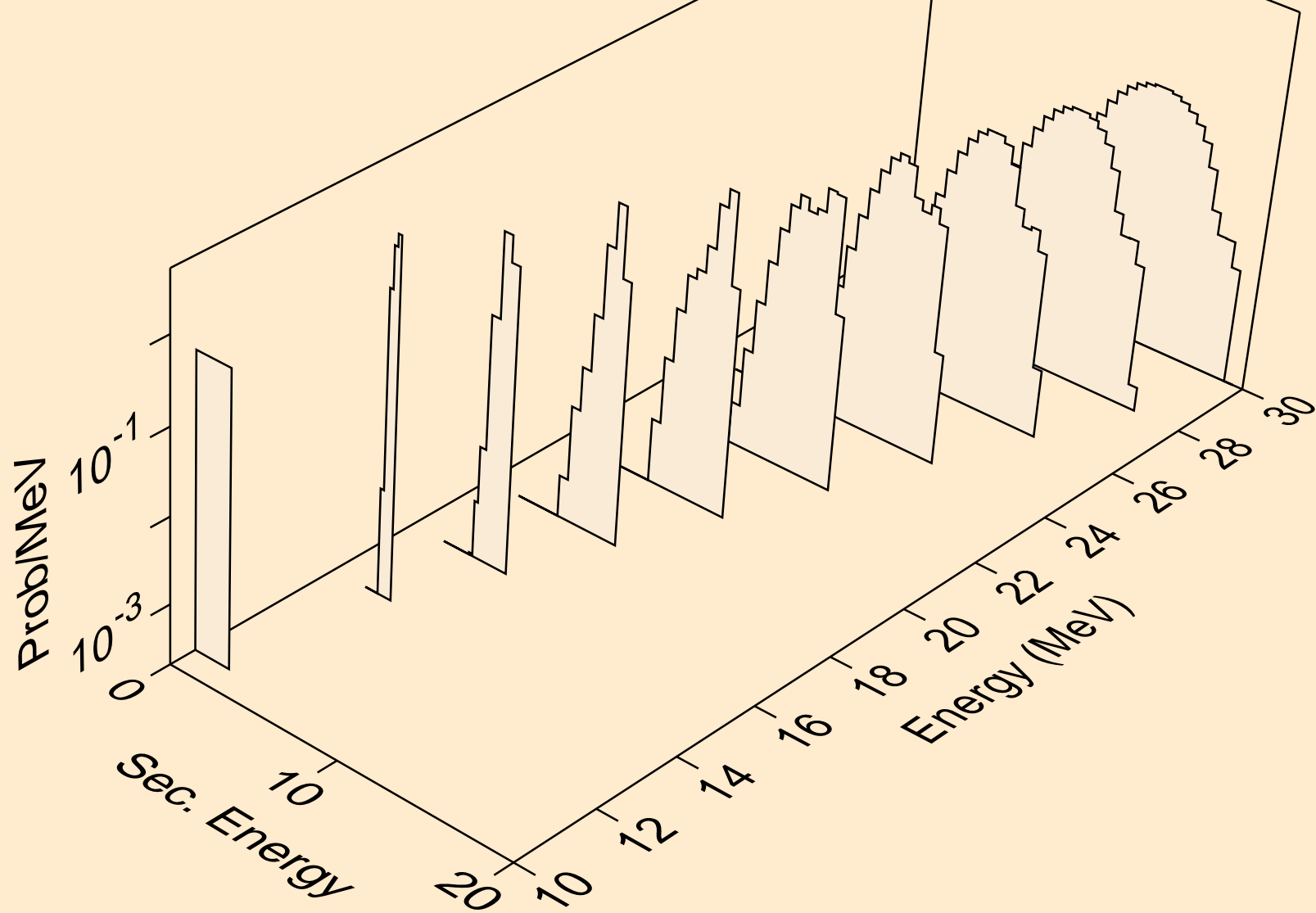
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



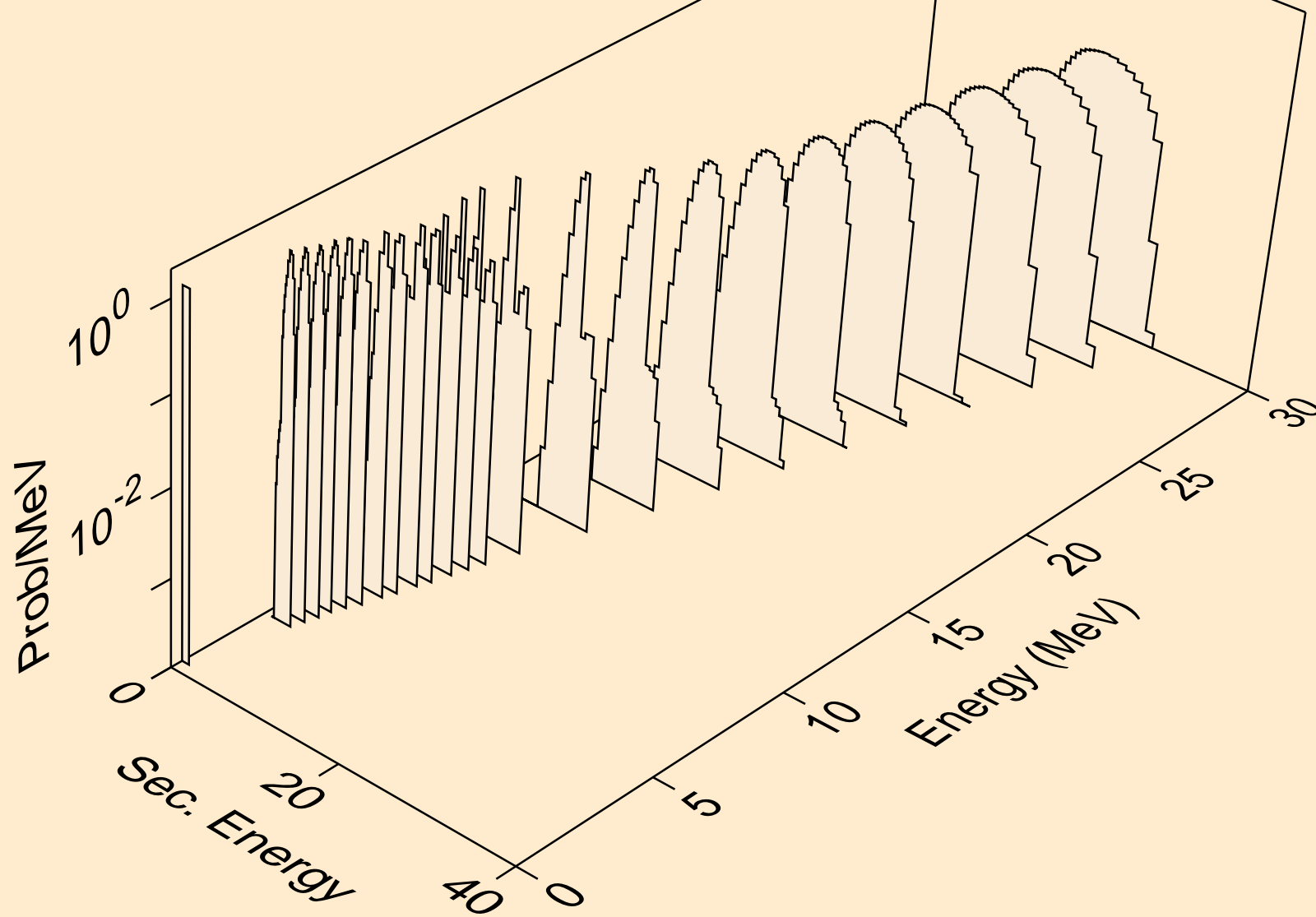
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

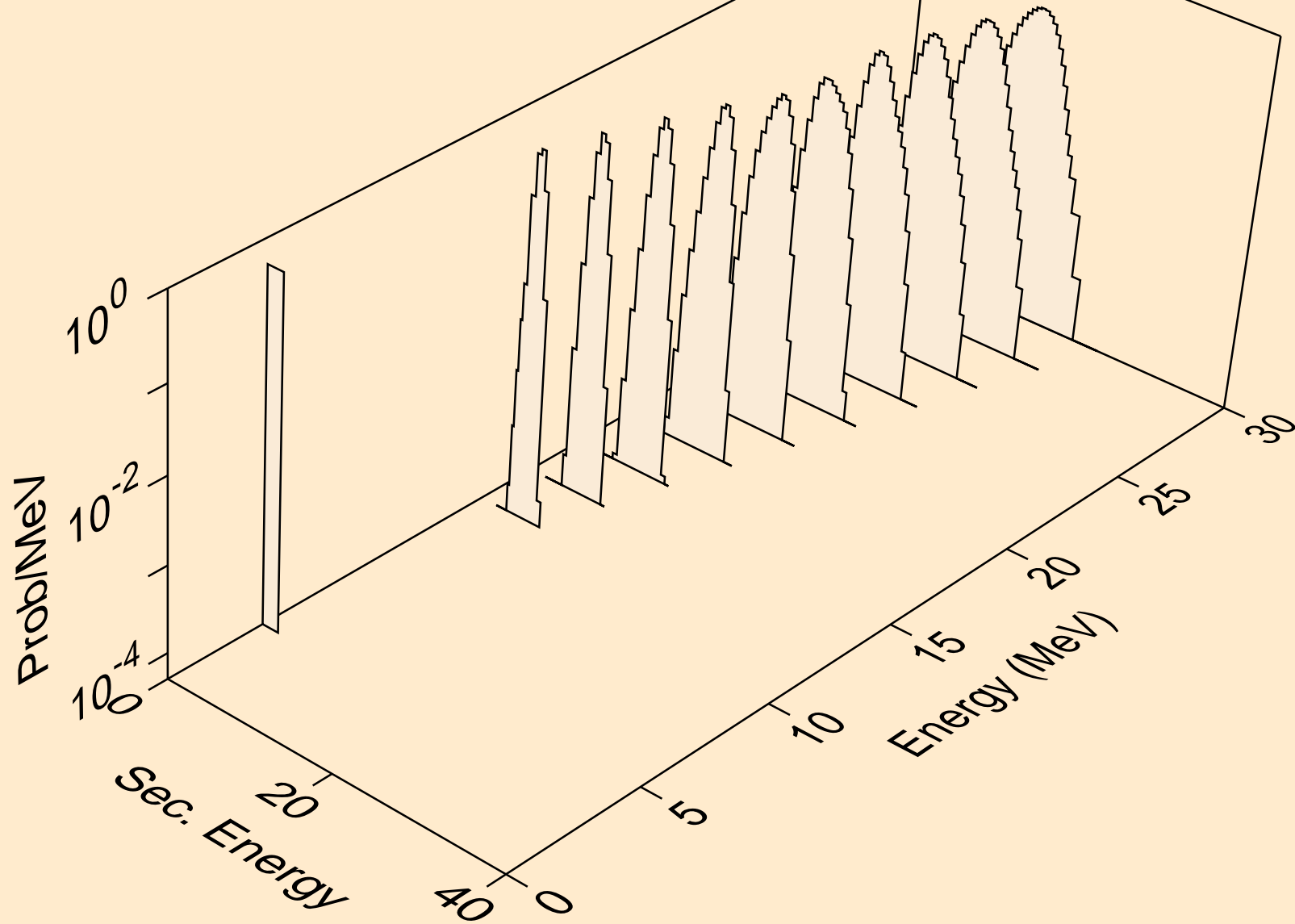


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tritons from (n,t)

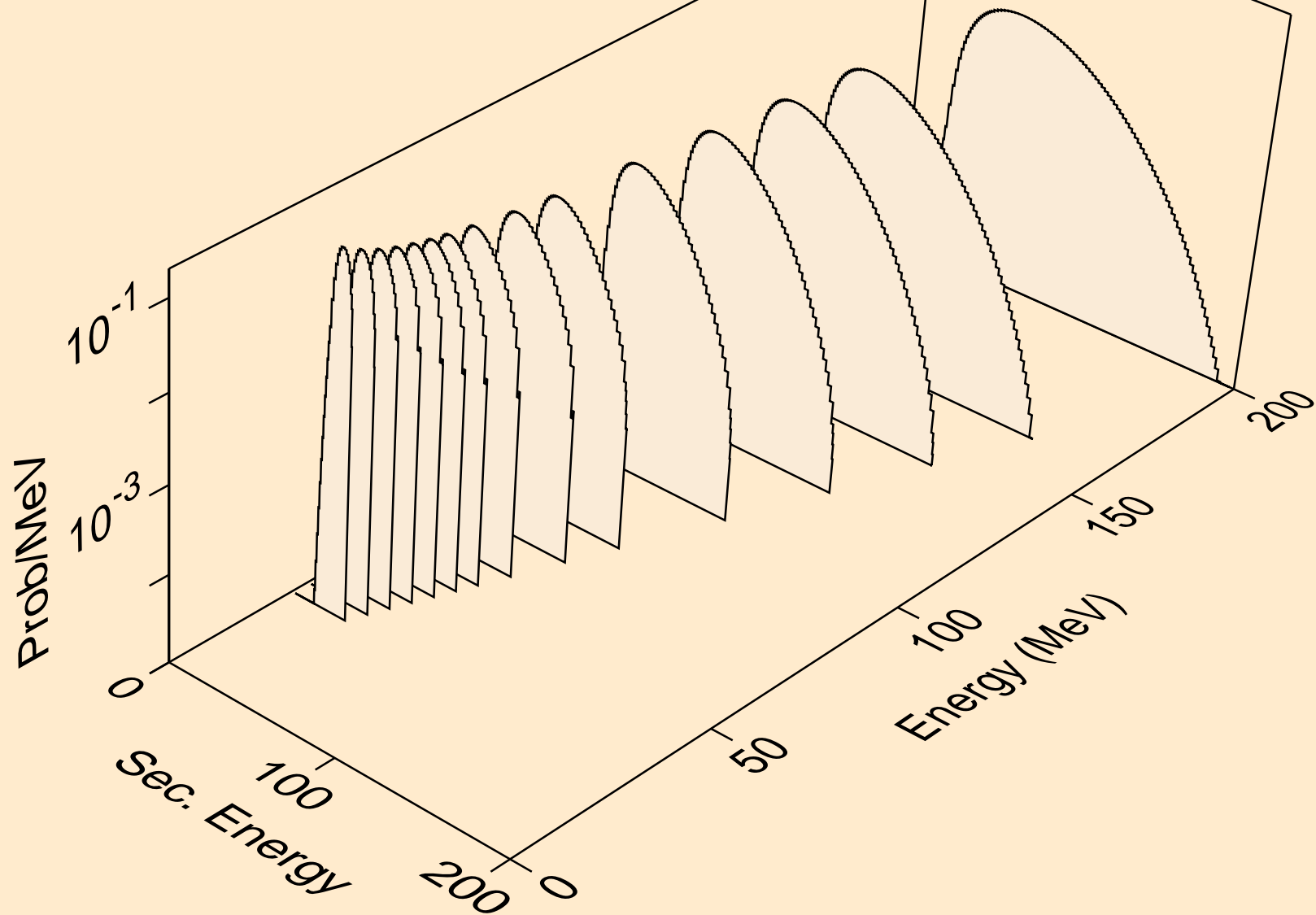




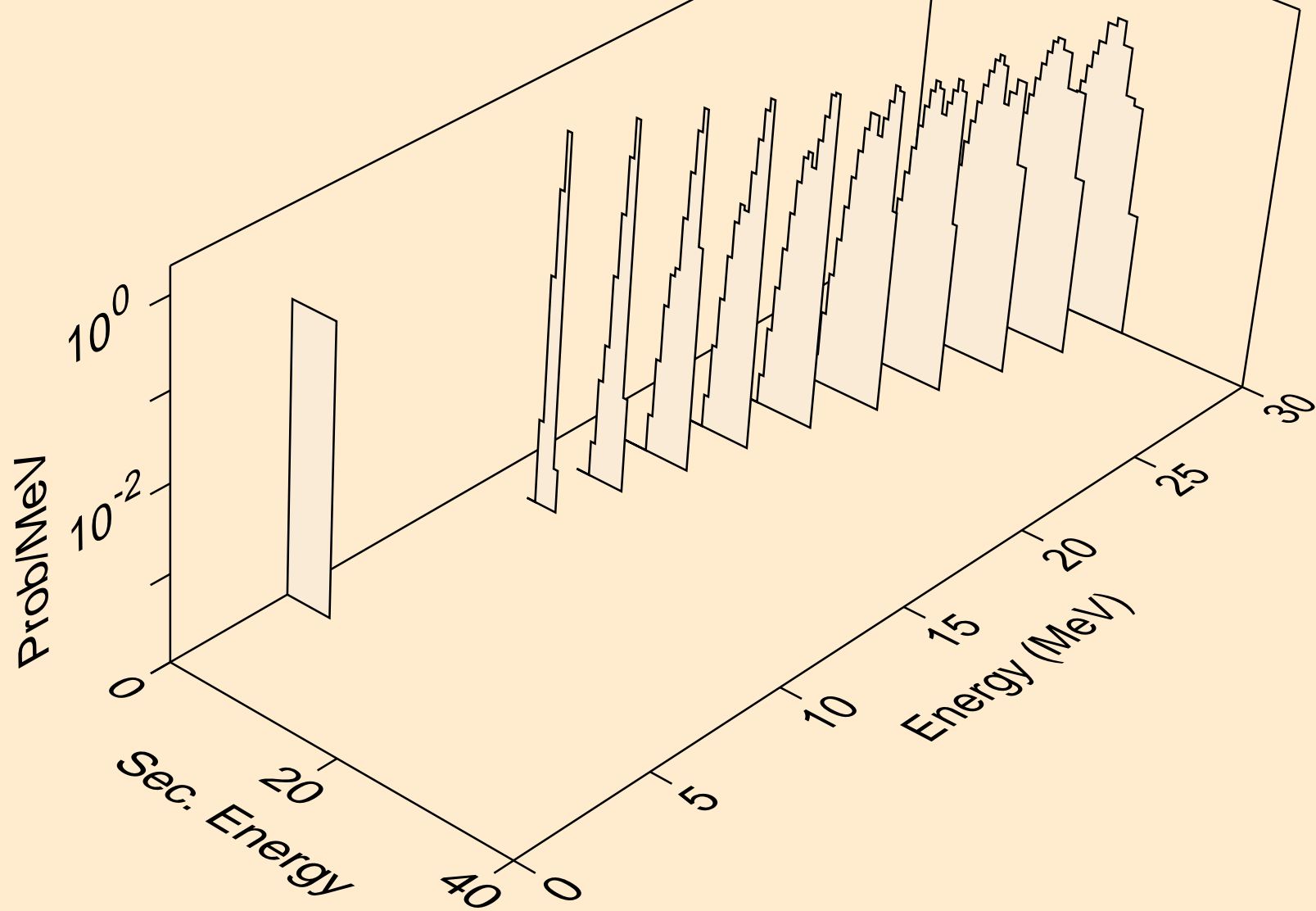
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



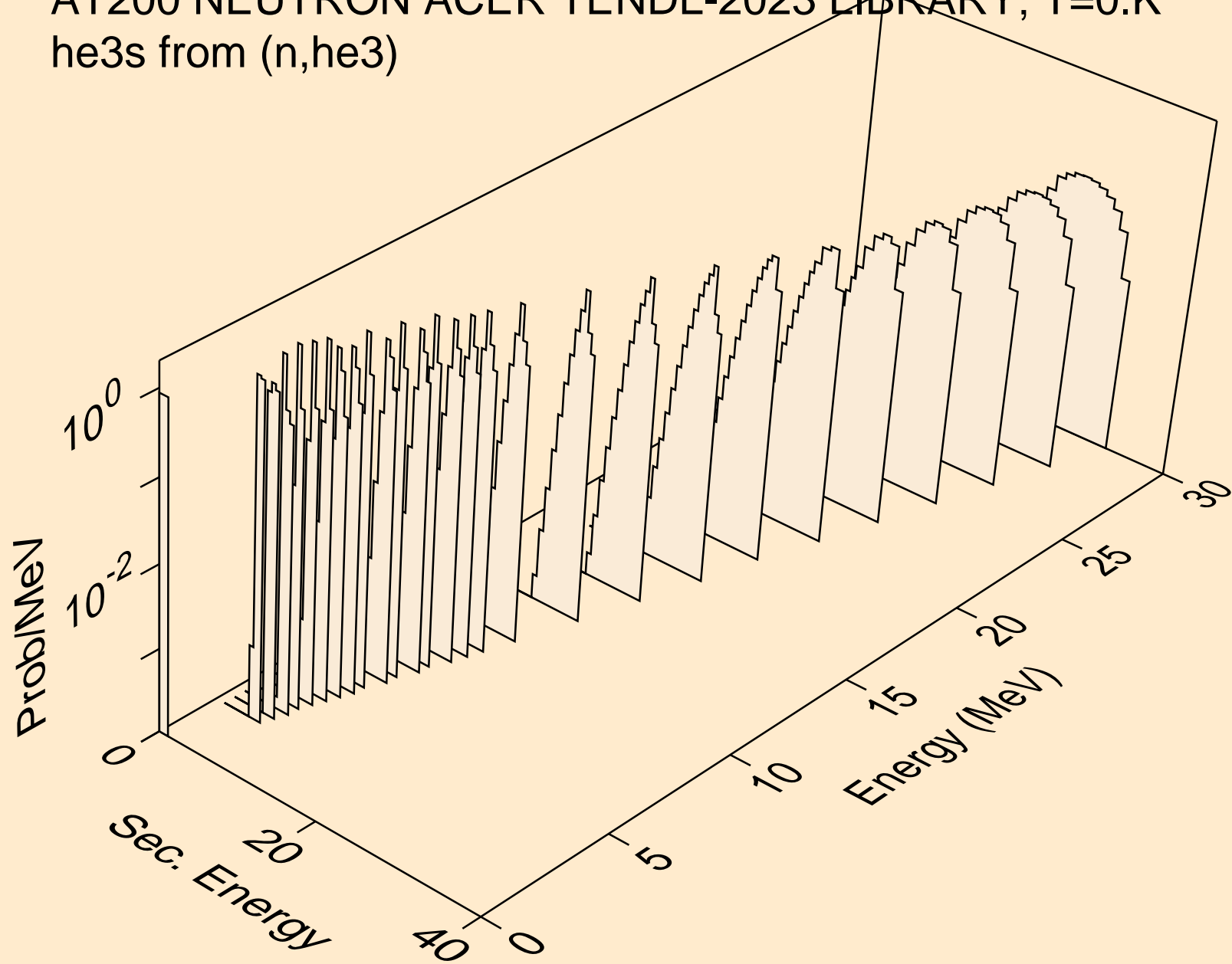
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



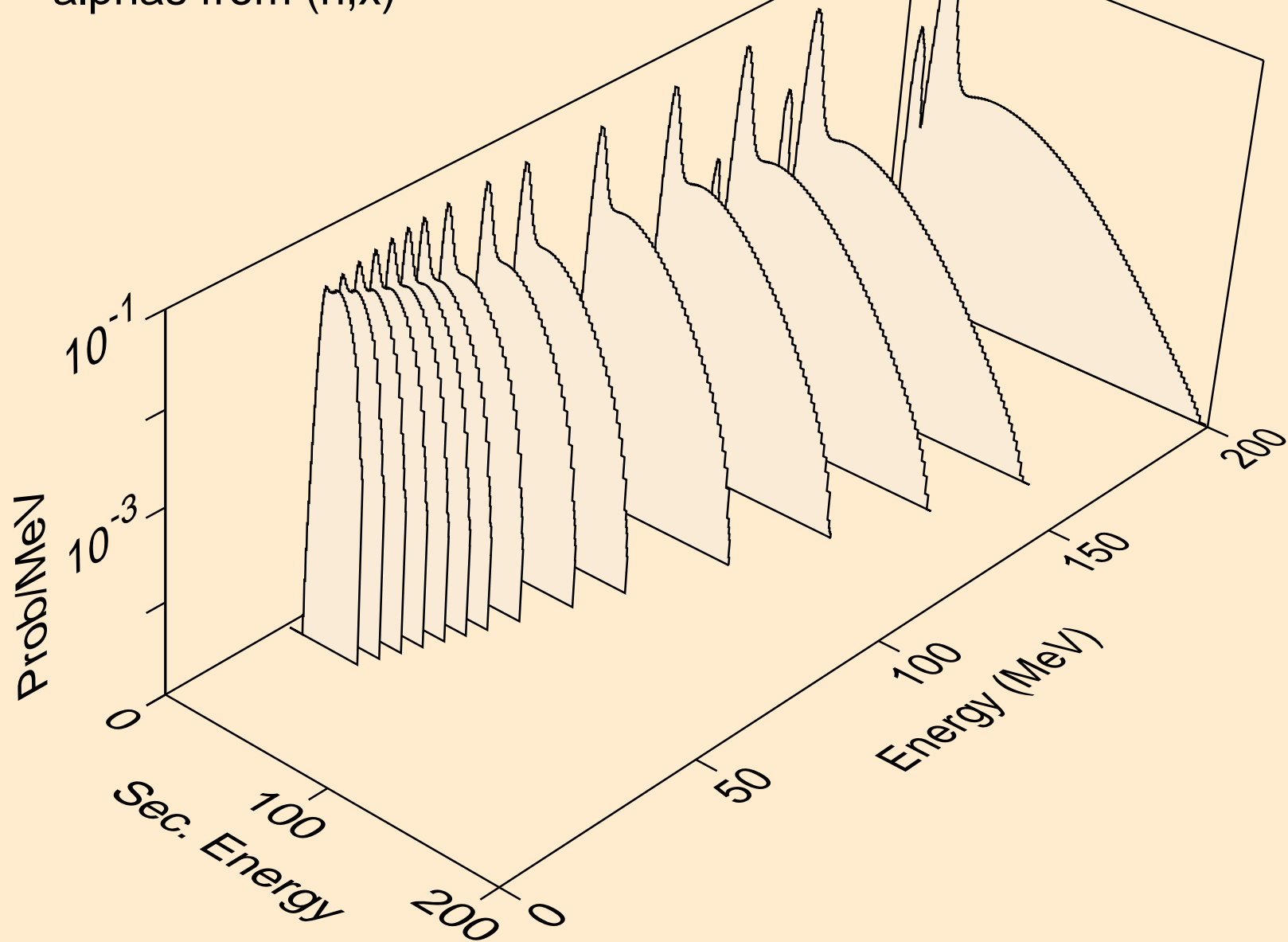
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



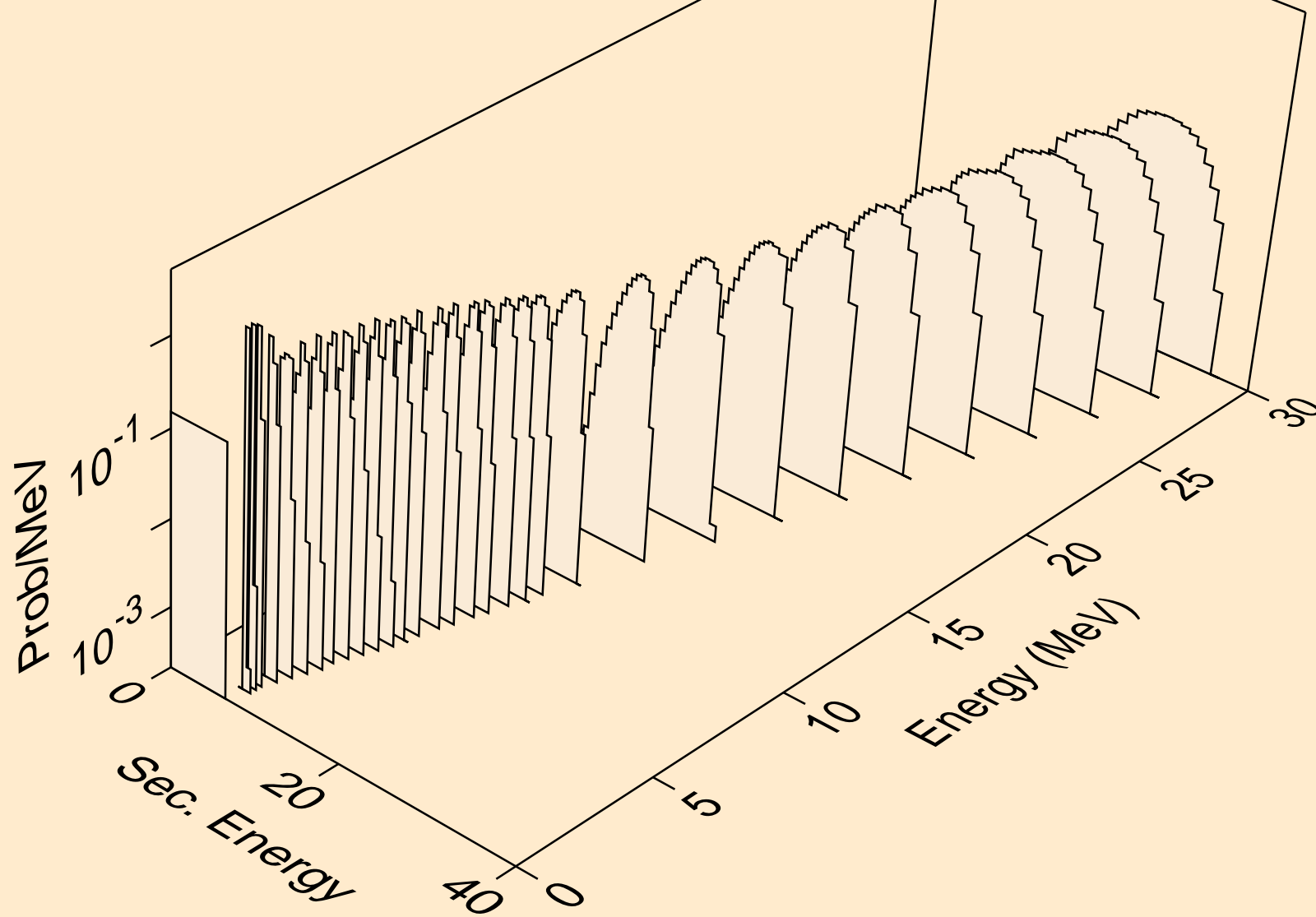
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he3s from (n,he3)



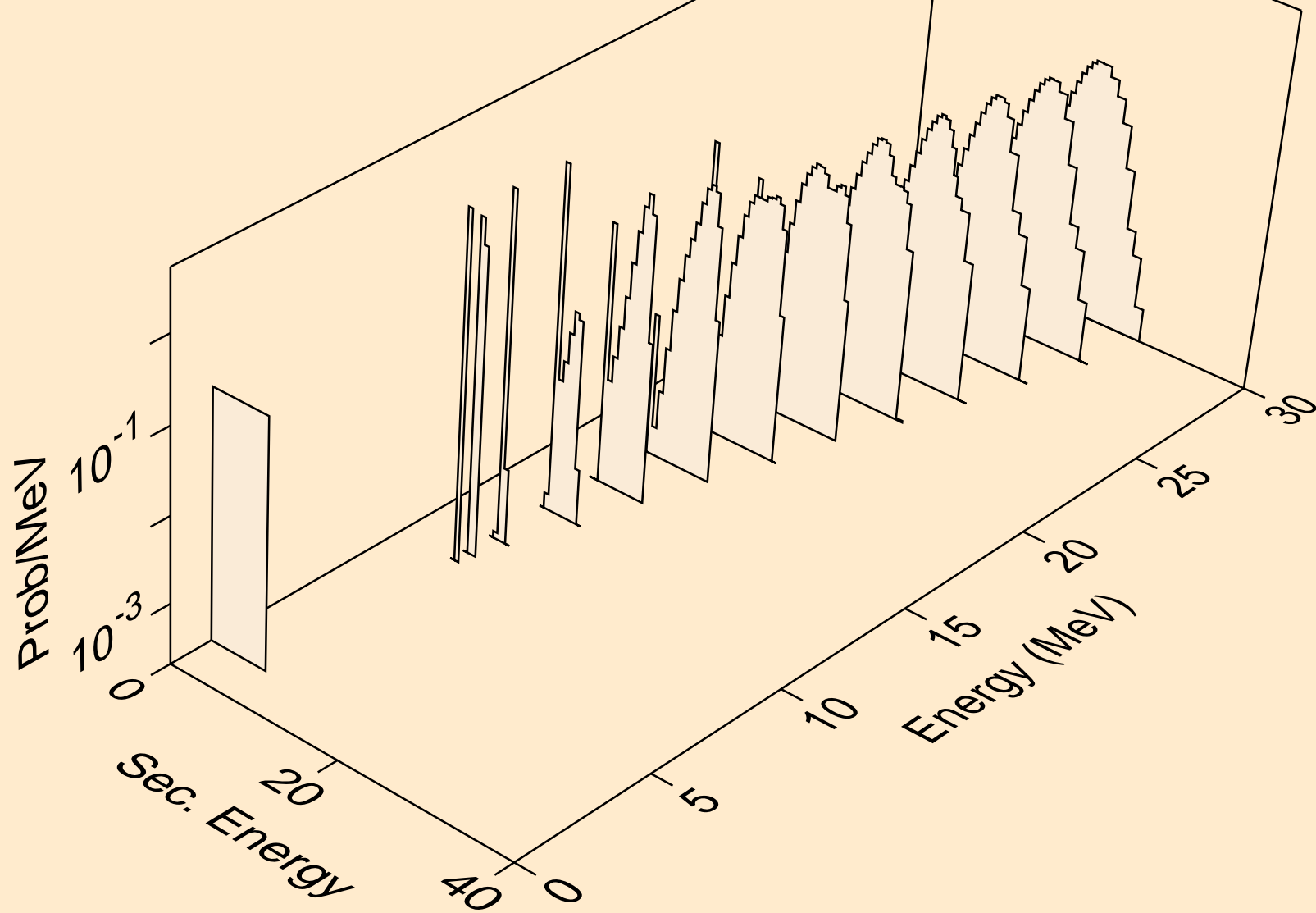
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



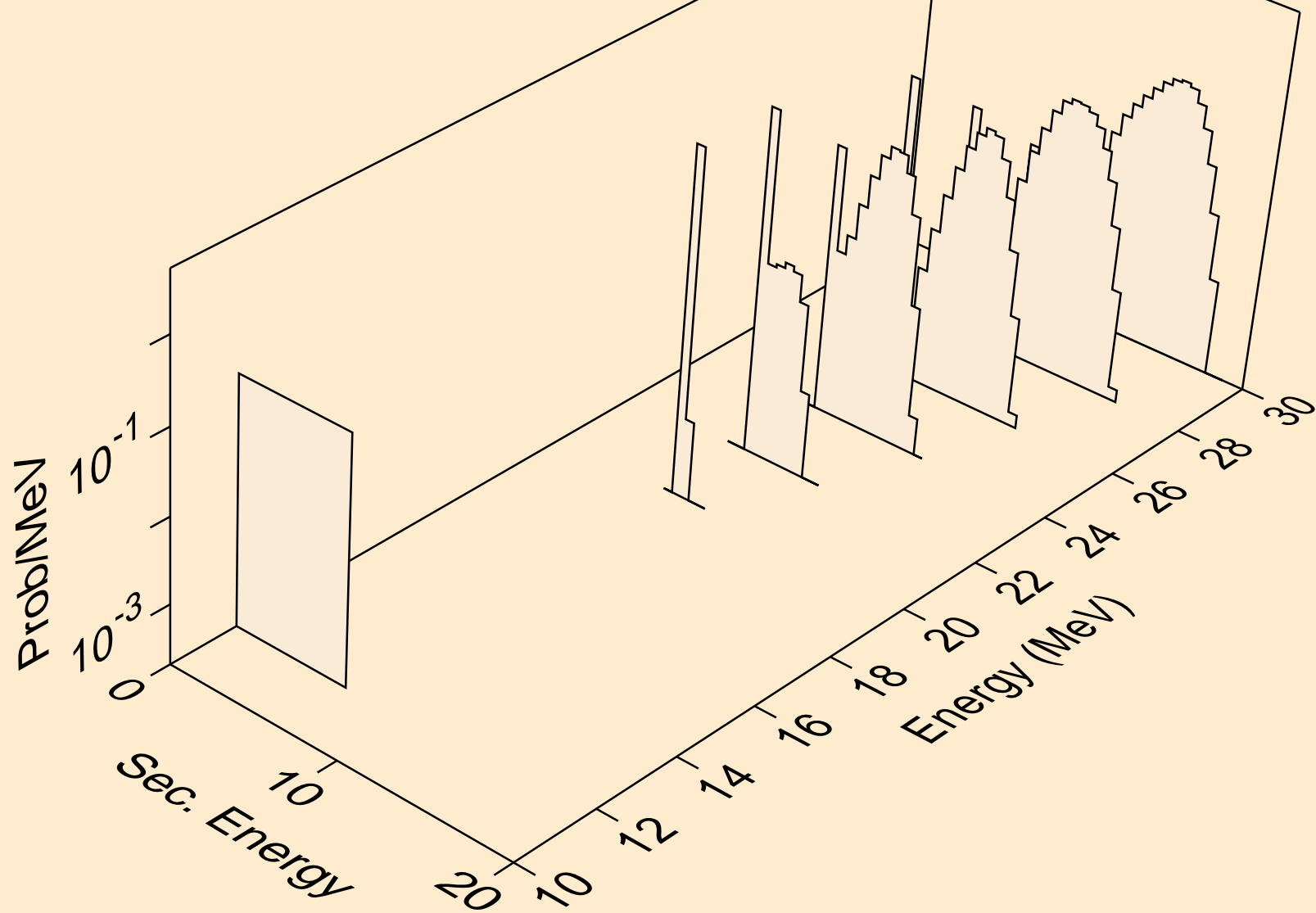
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

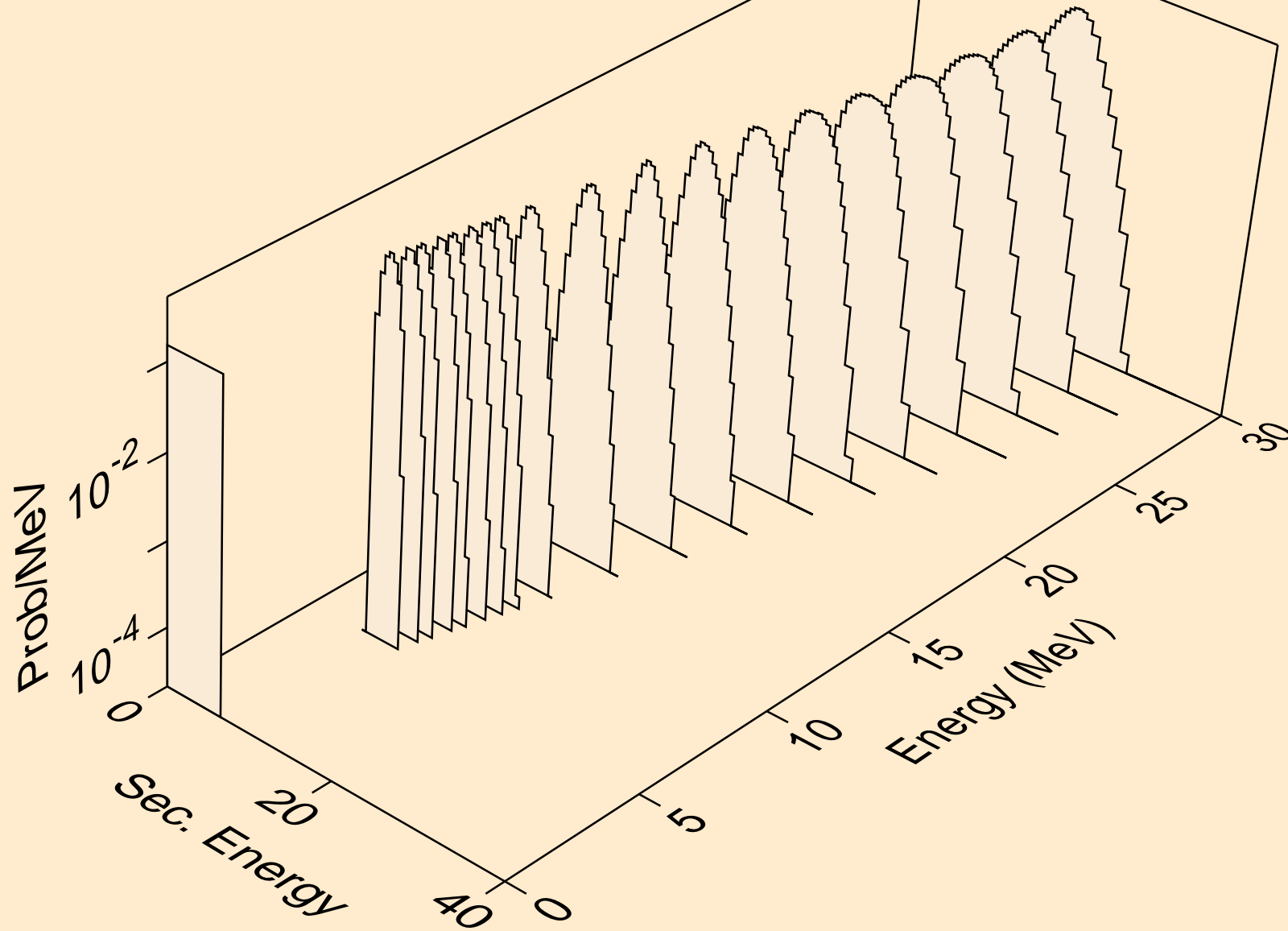


AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

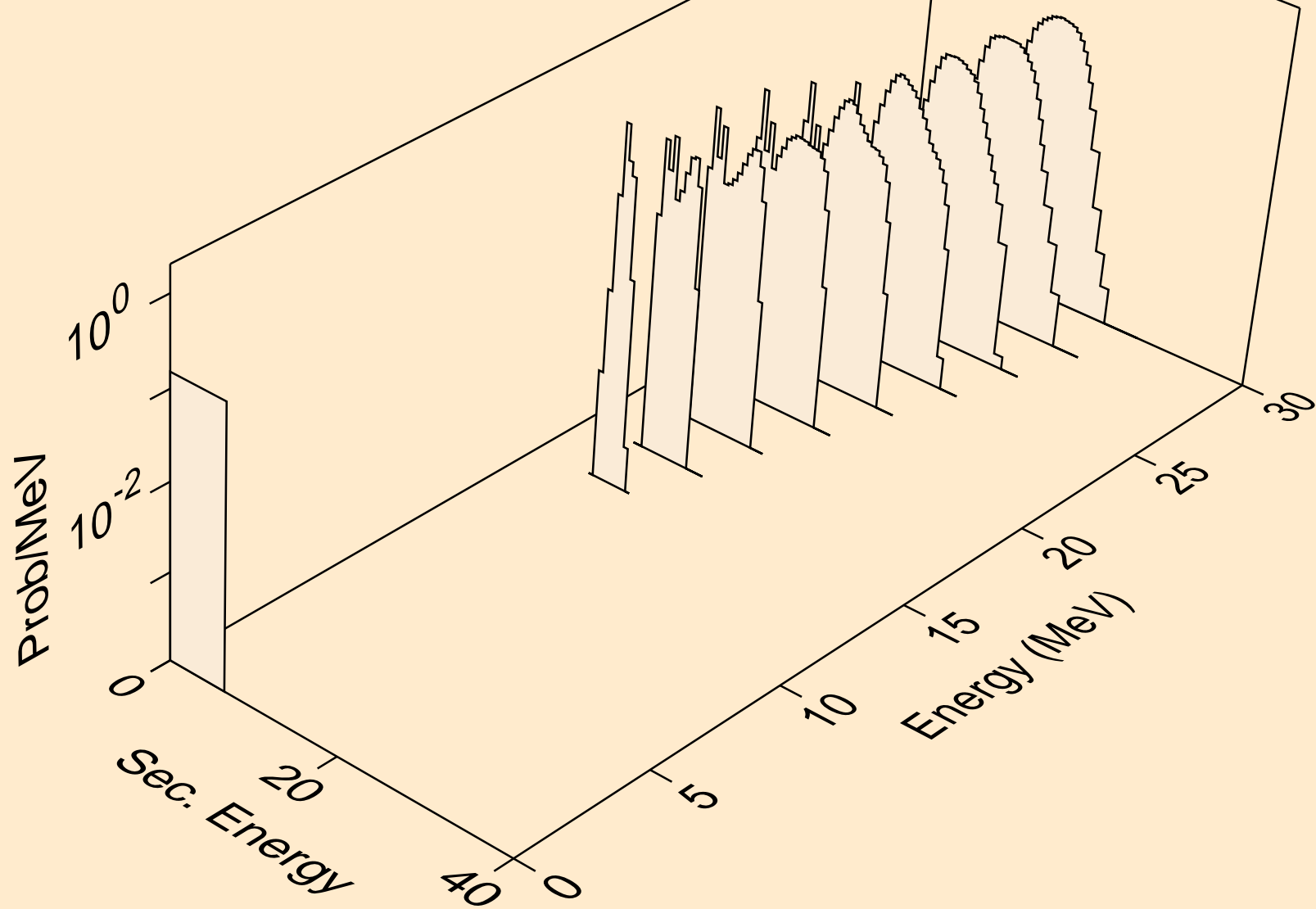




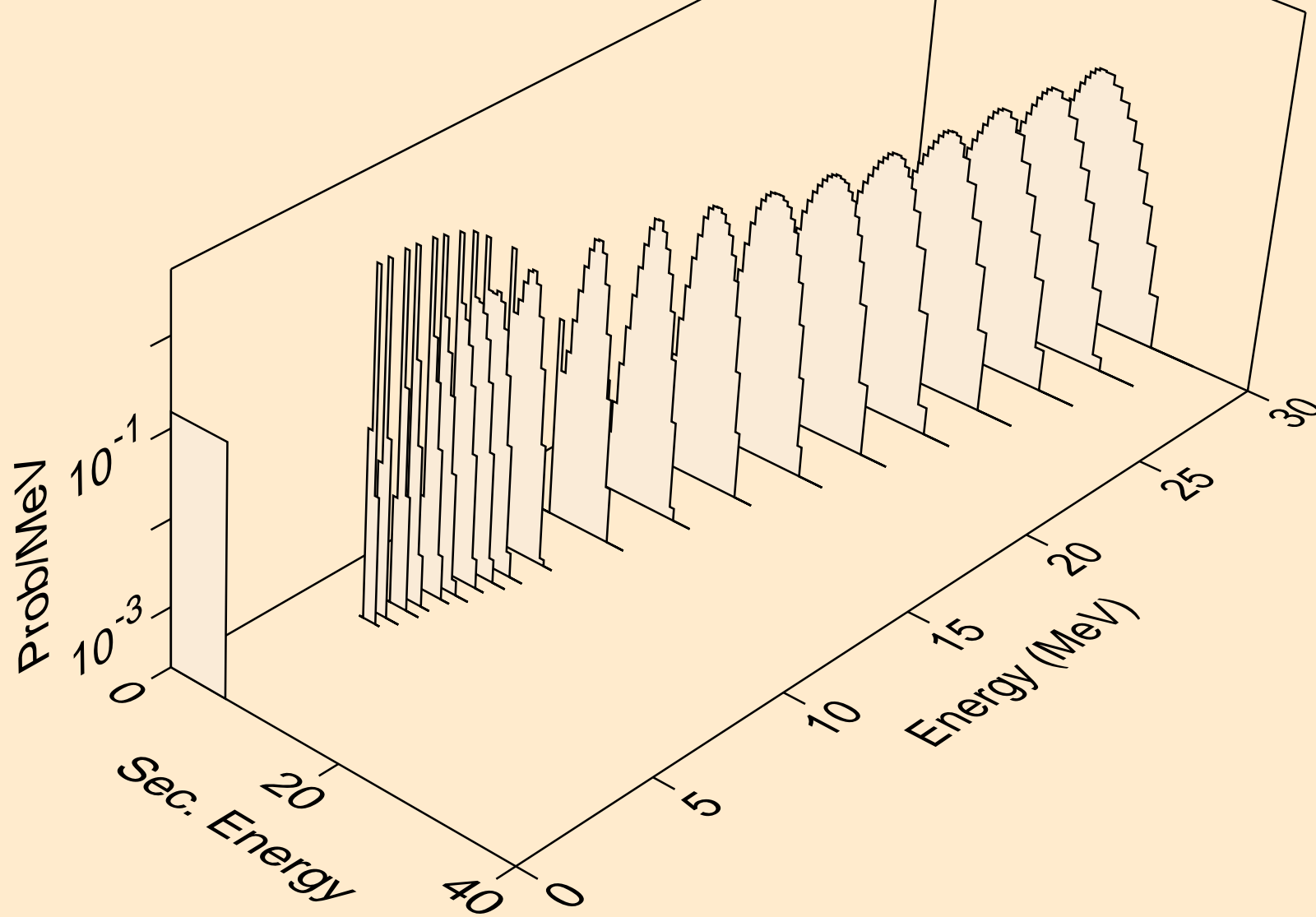
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alphas from (n,n\*)2a



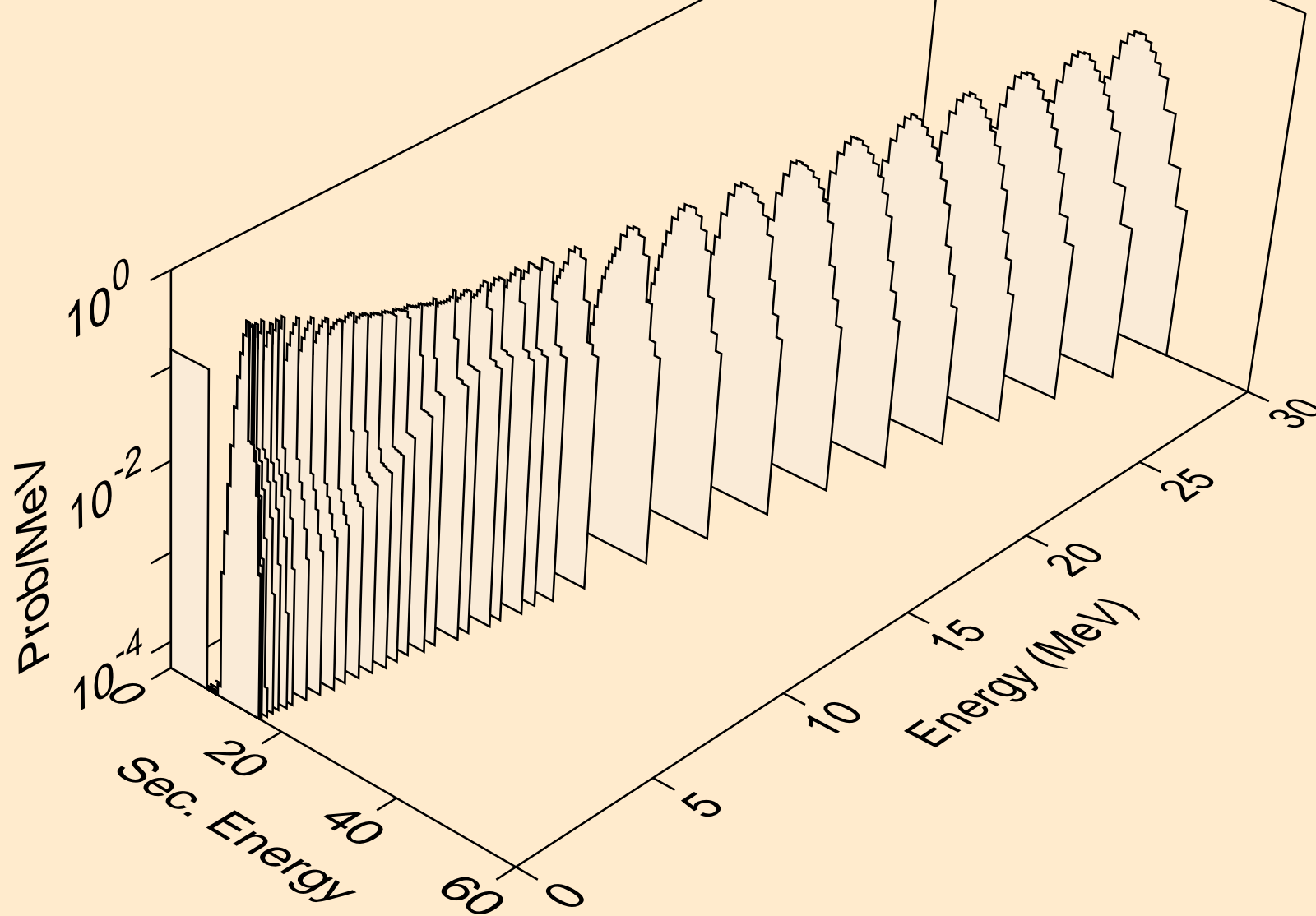
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



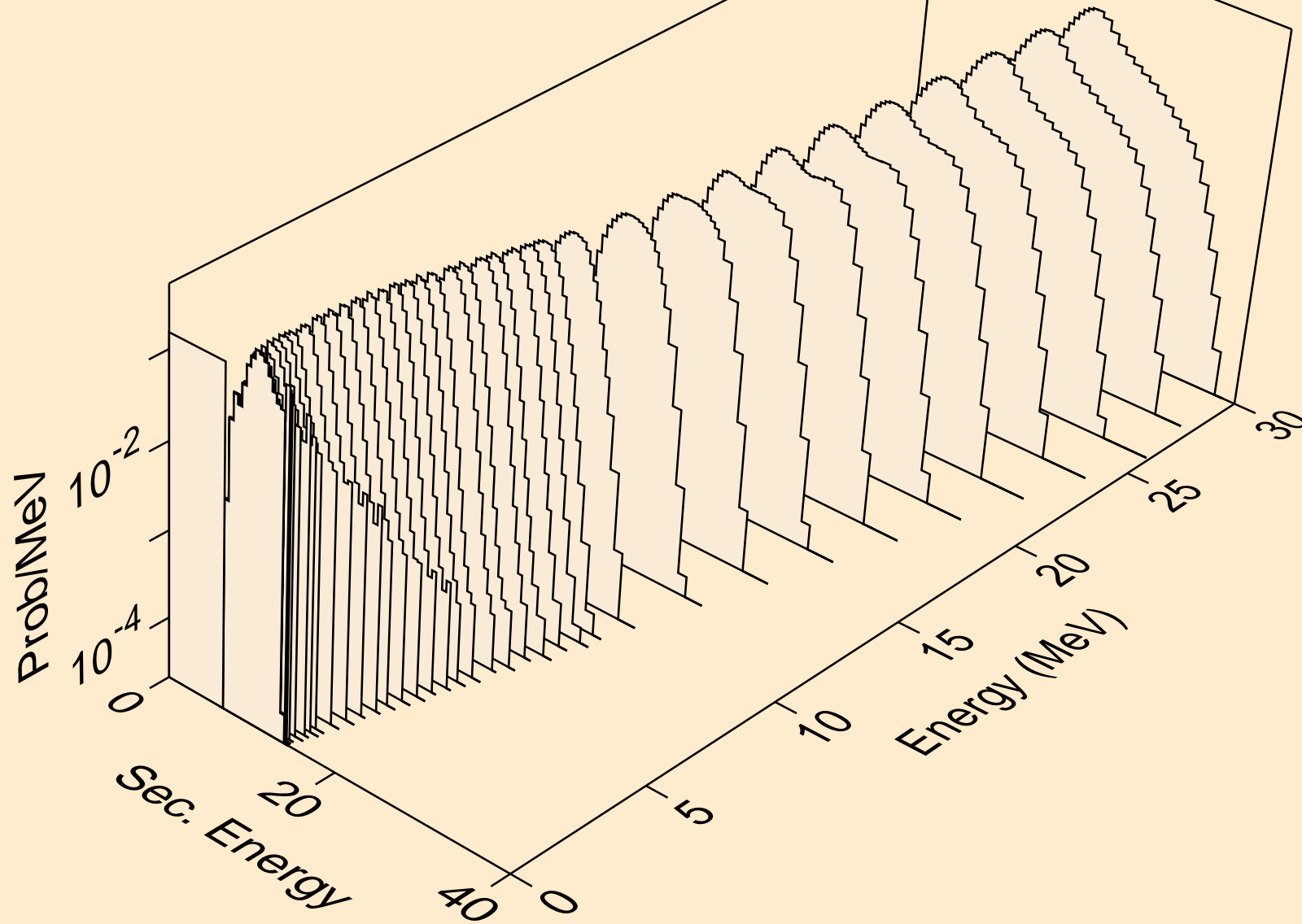
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



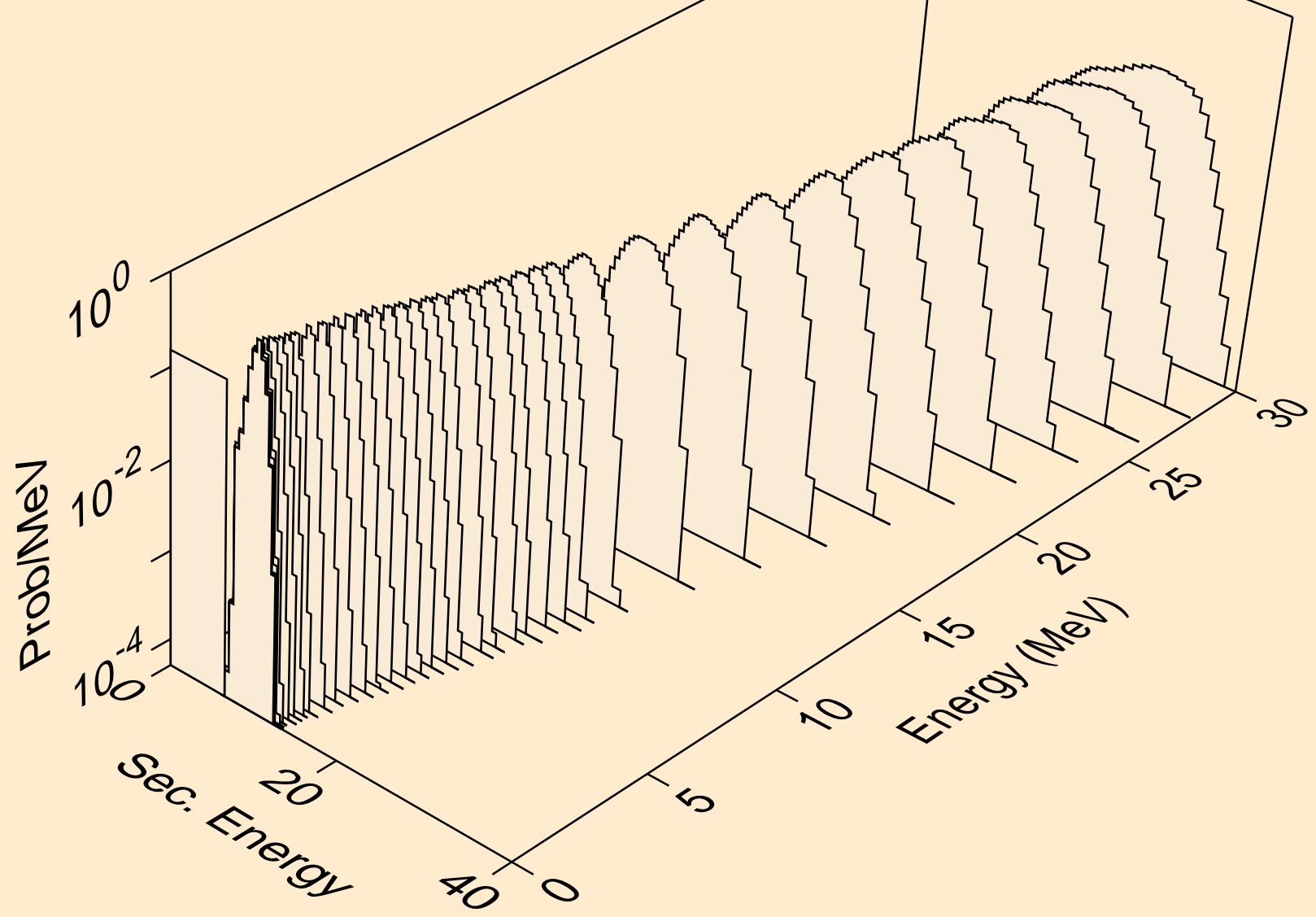
AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



AT200 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

