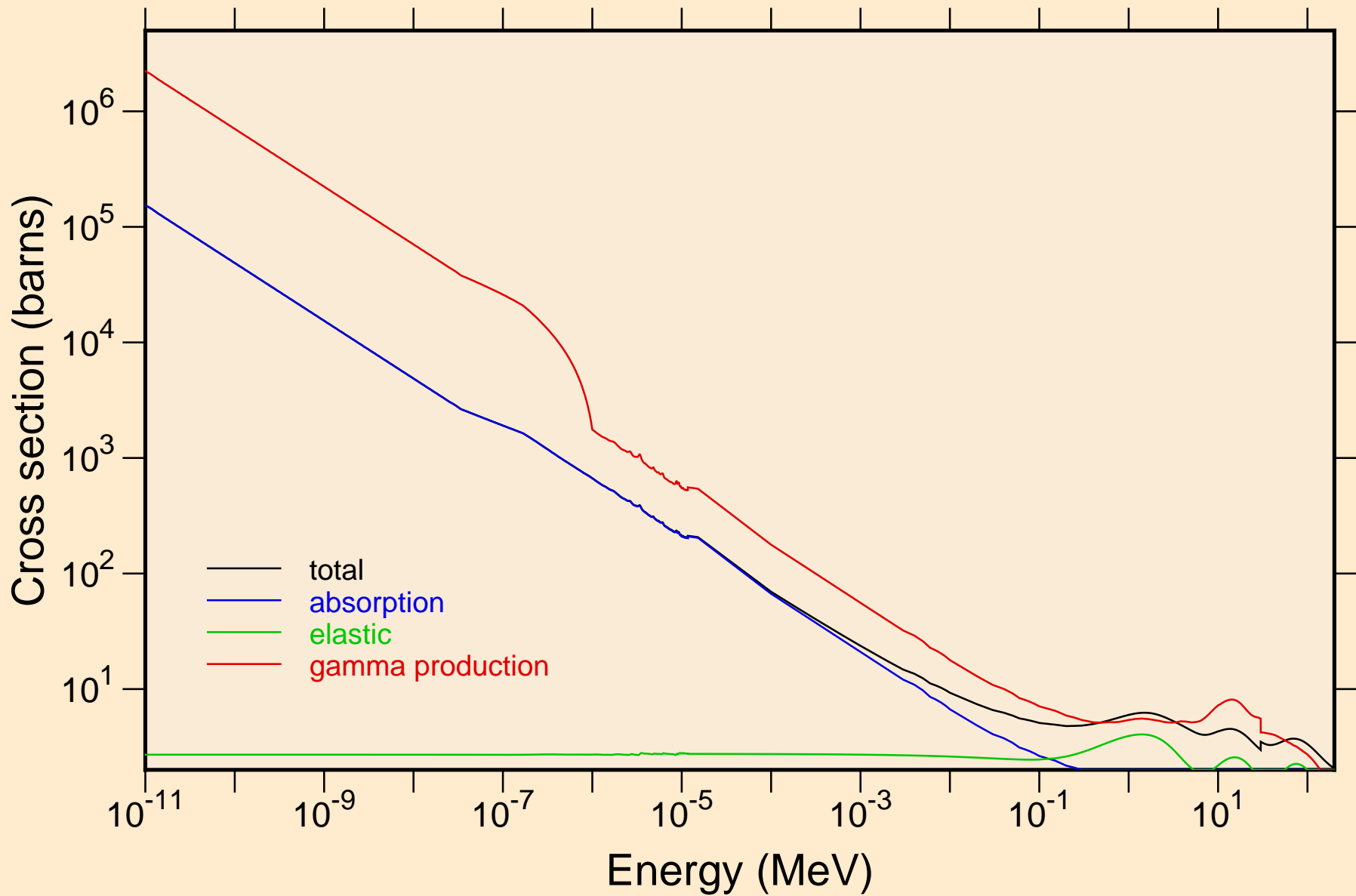


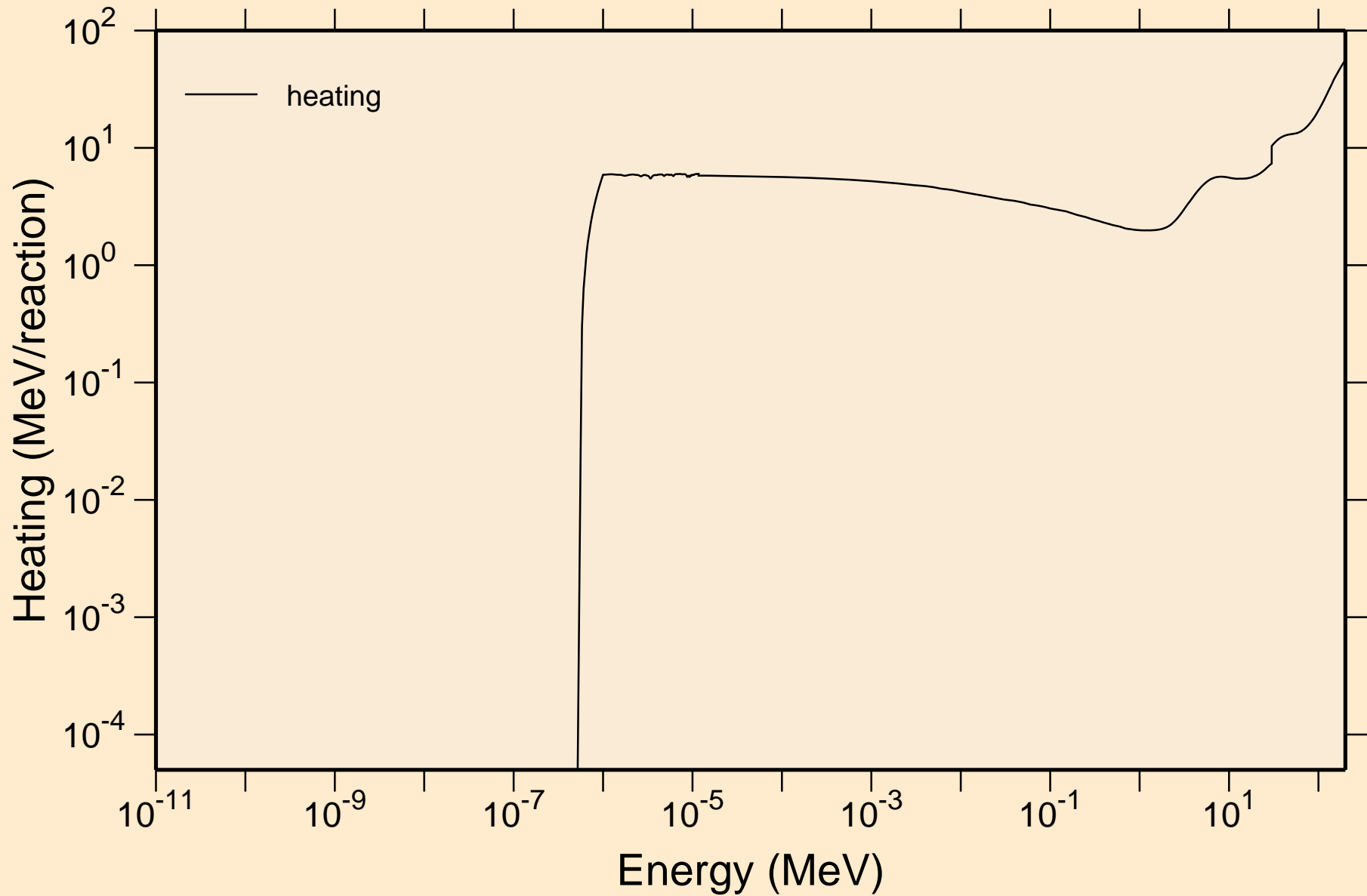
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

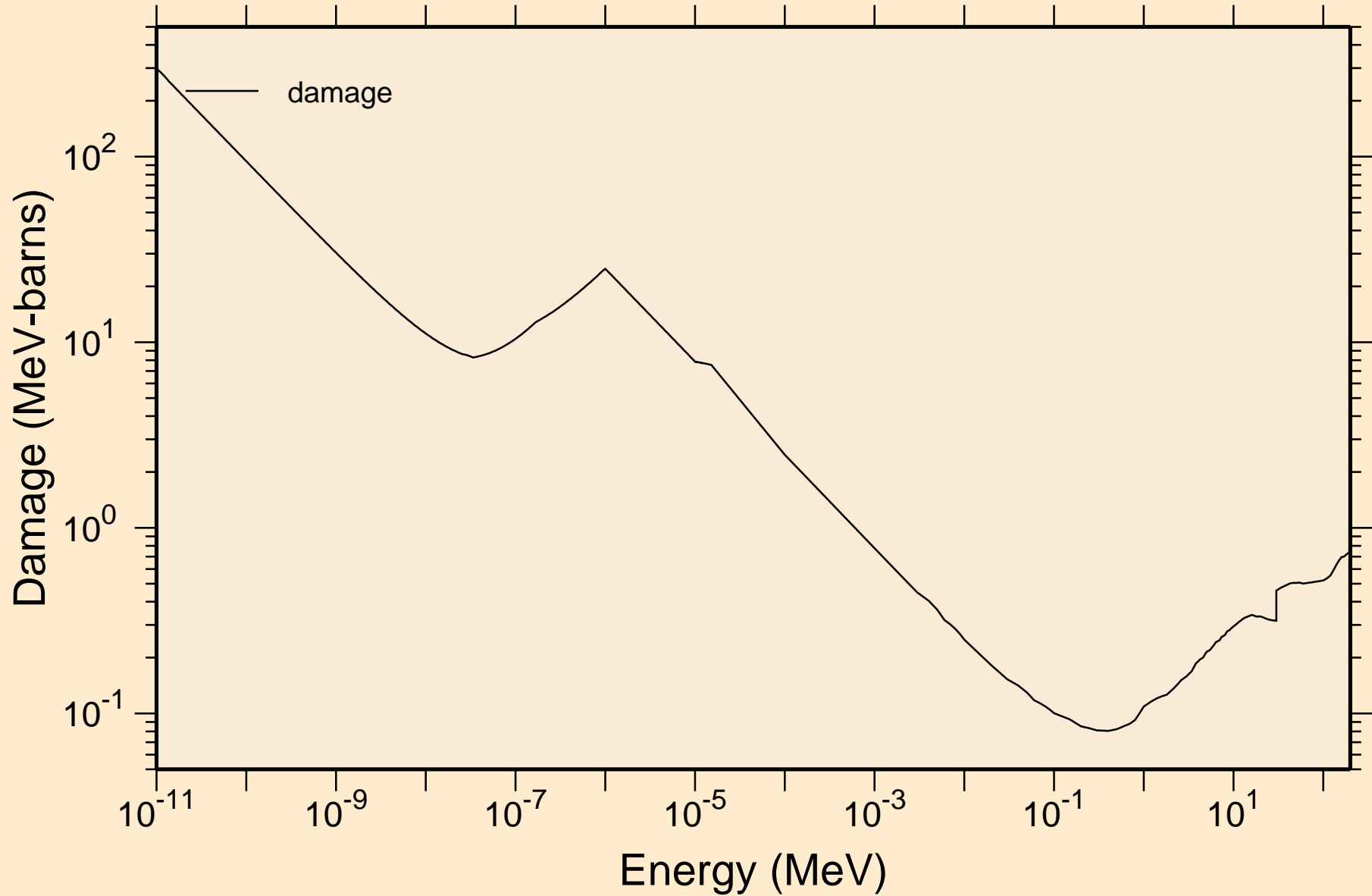


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

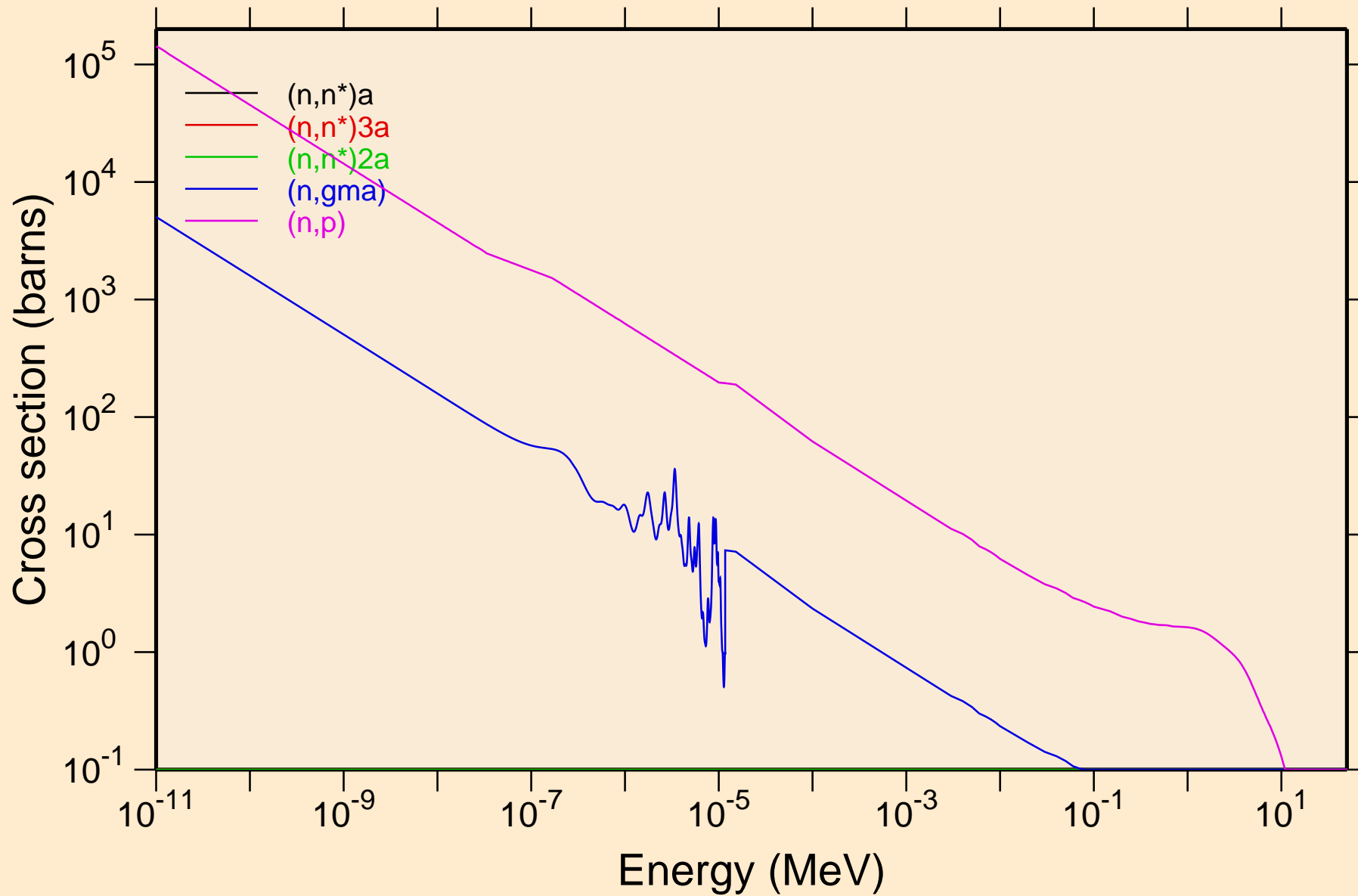
## Heating



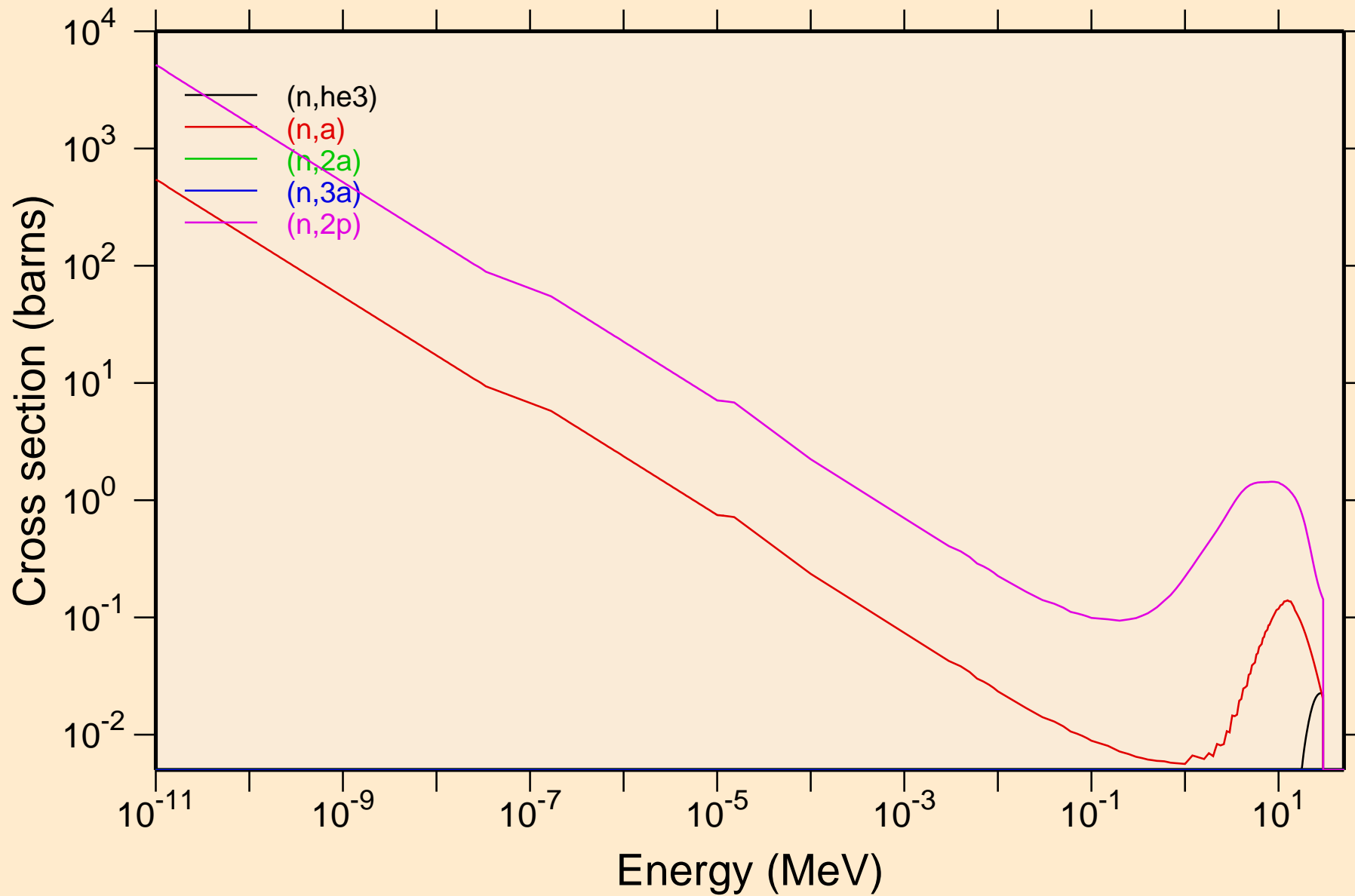
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

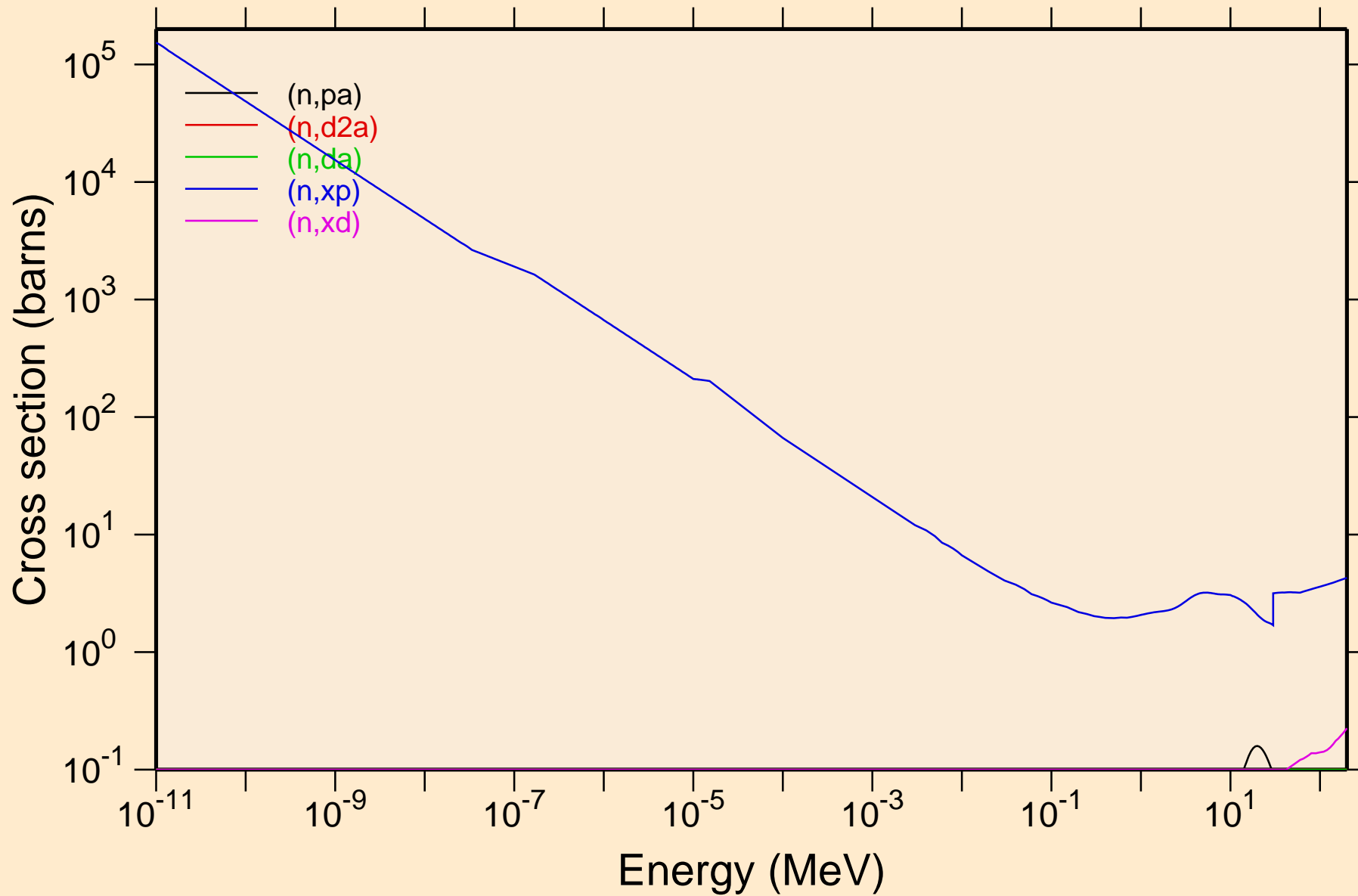


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

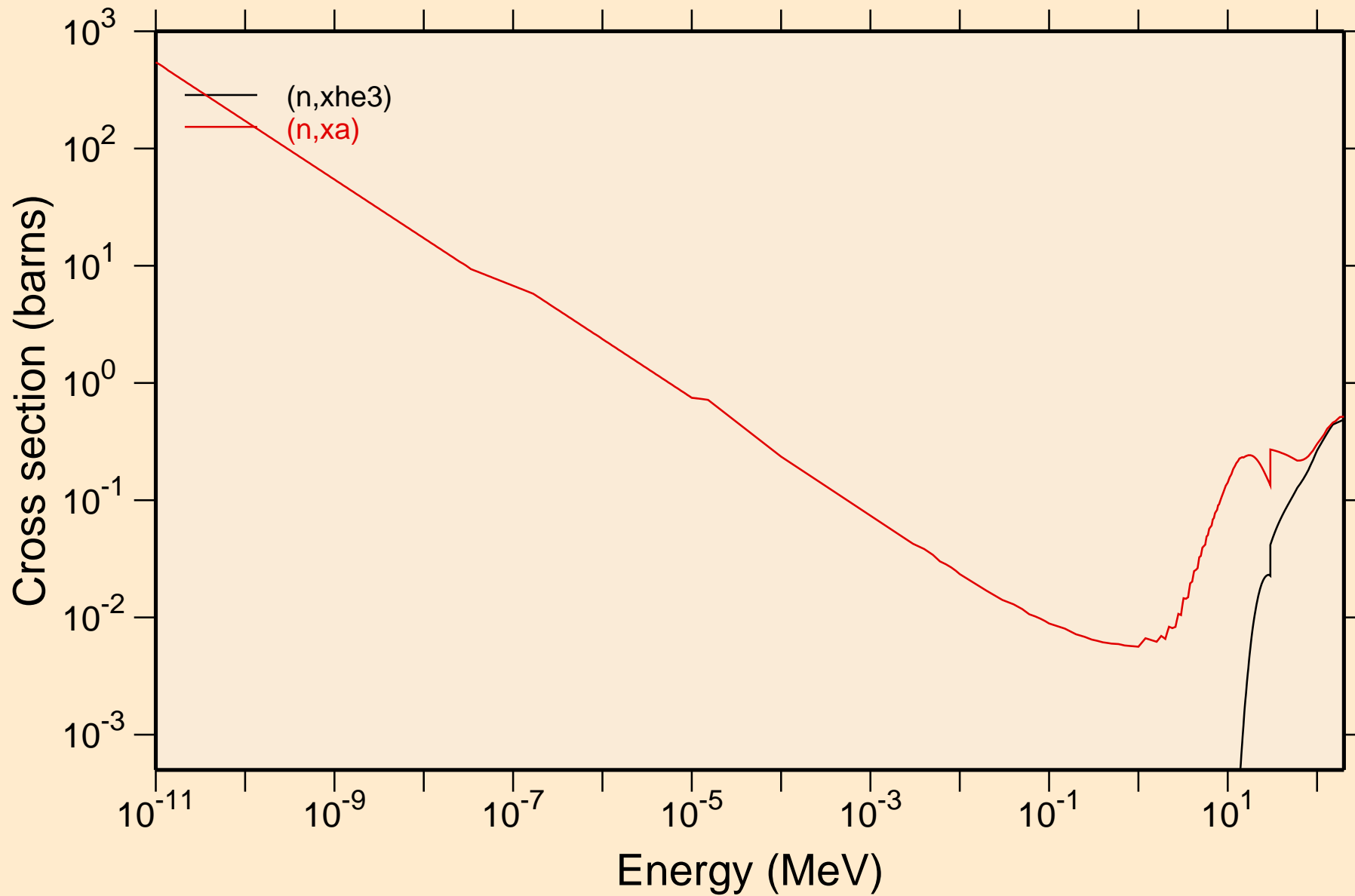


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

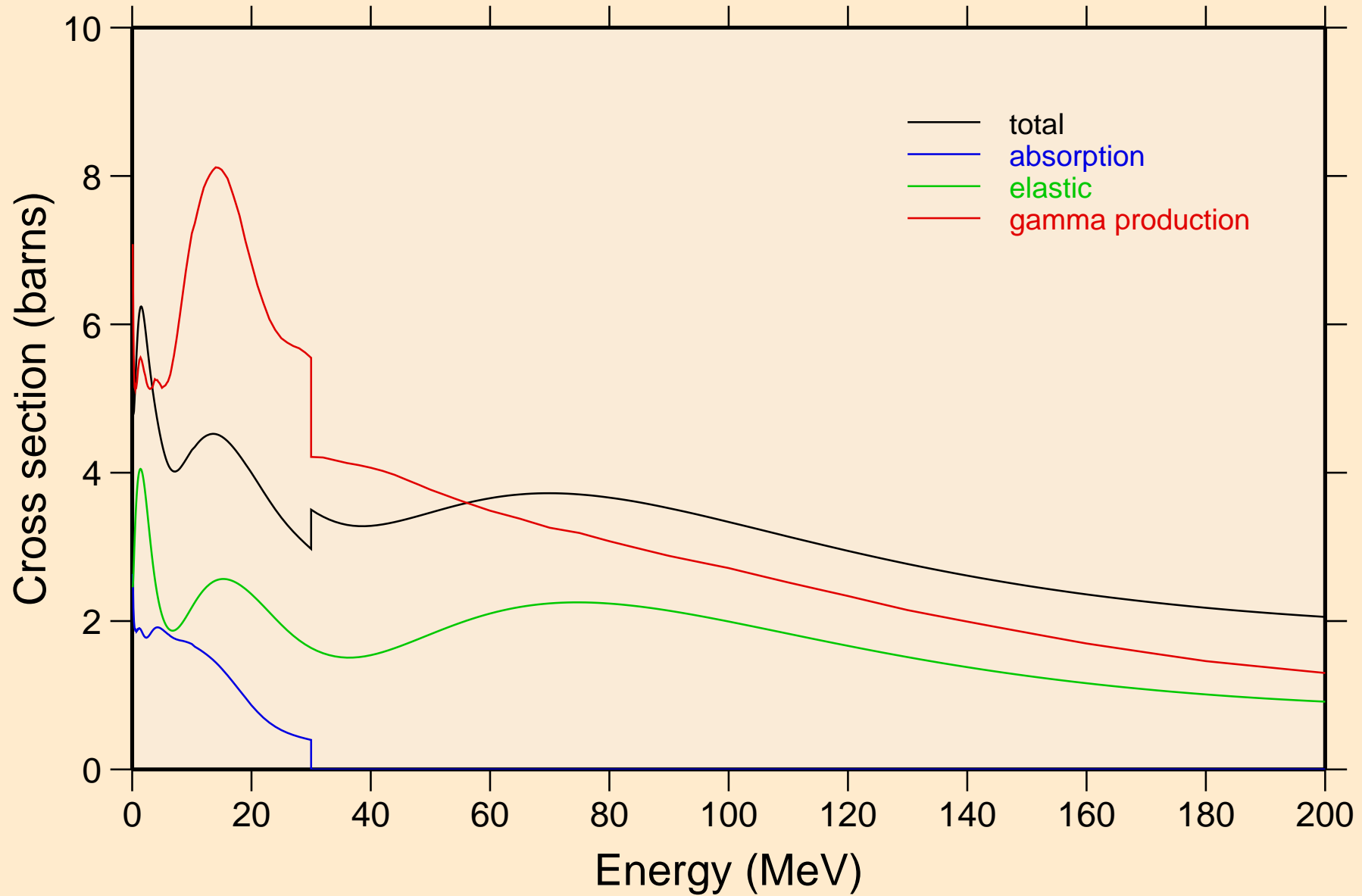


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

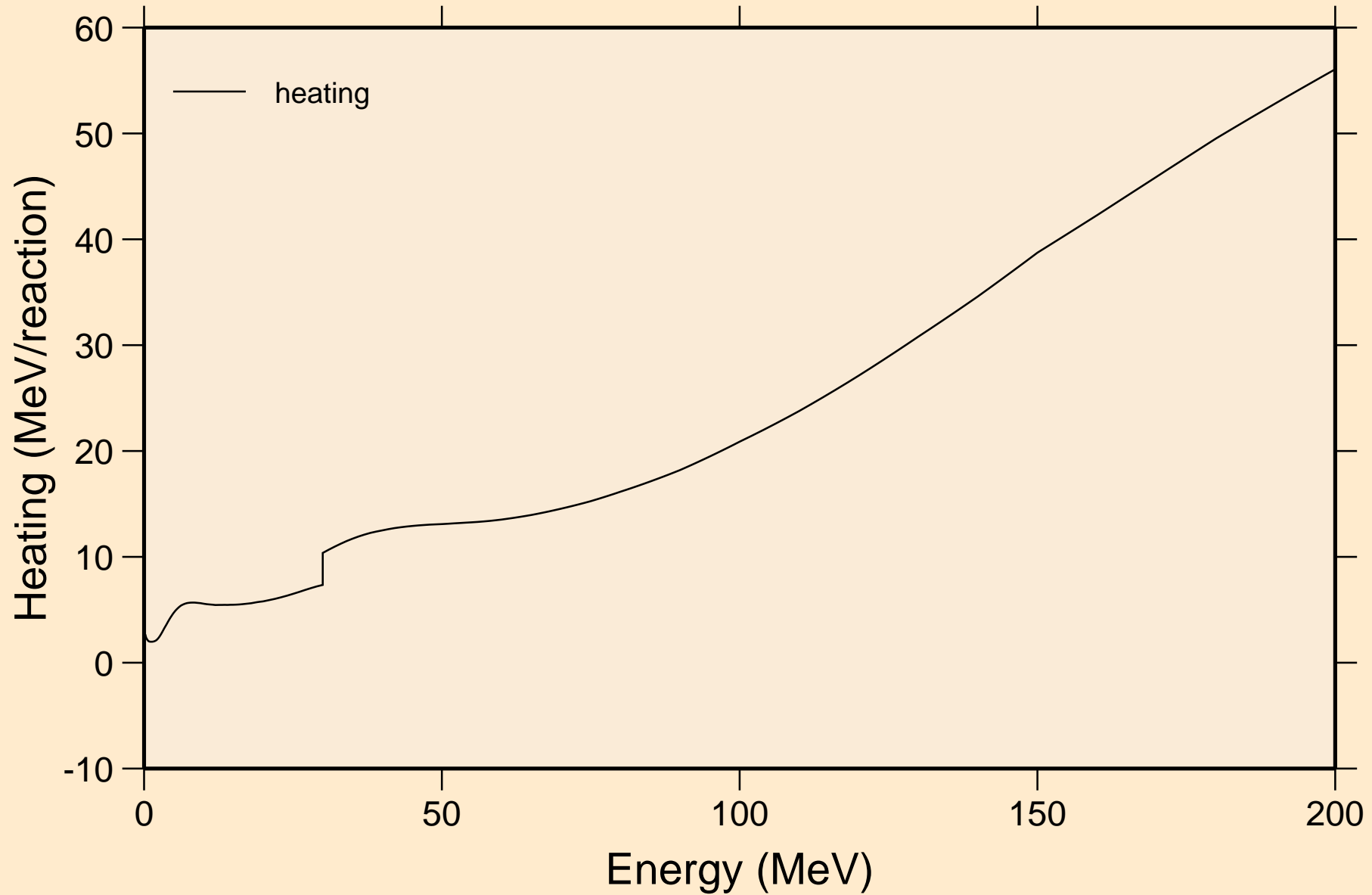
## Principal cross sections





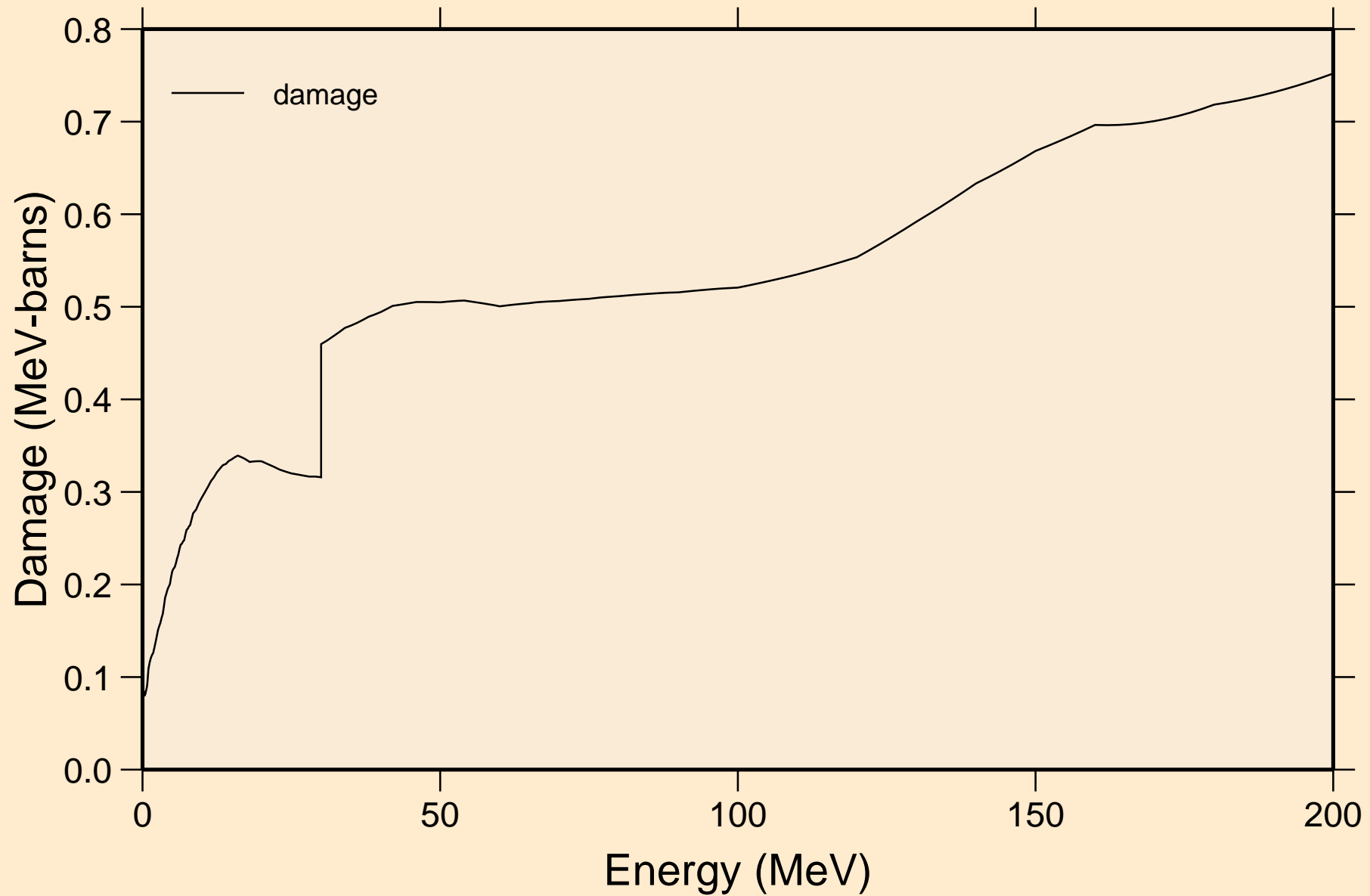
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## Heating



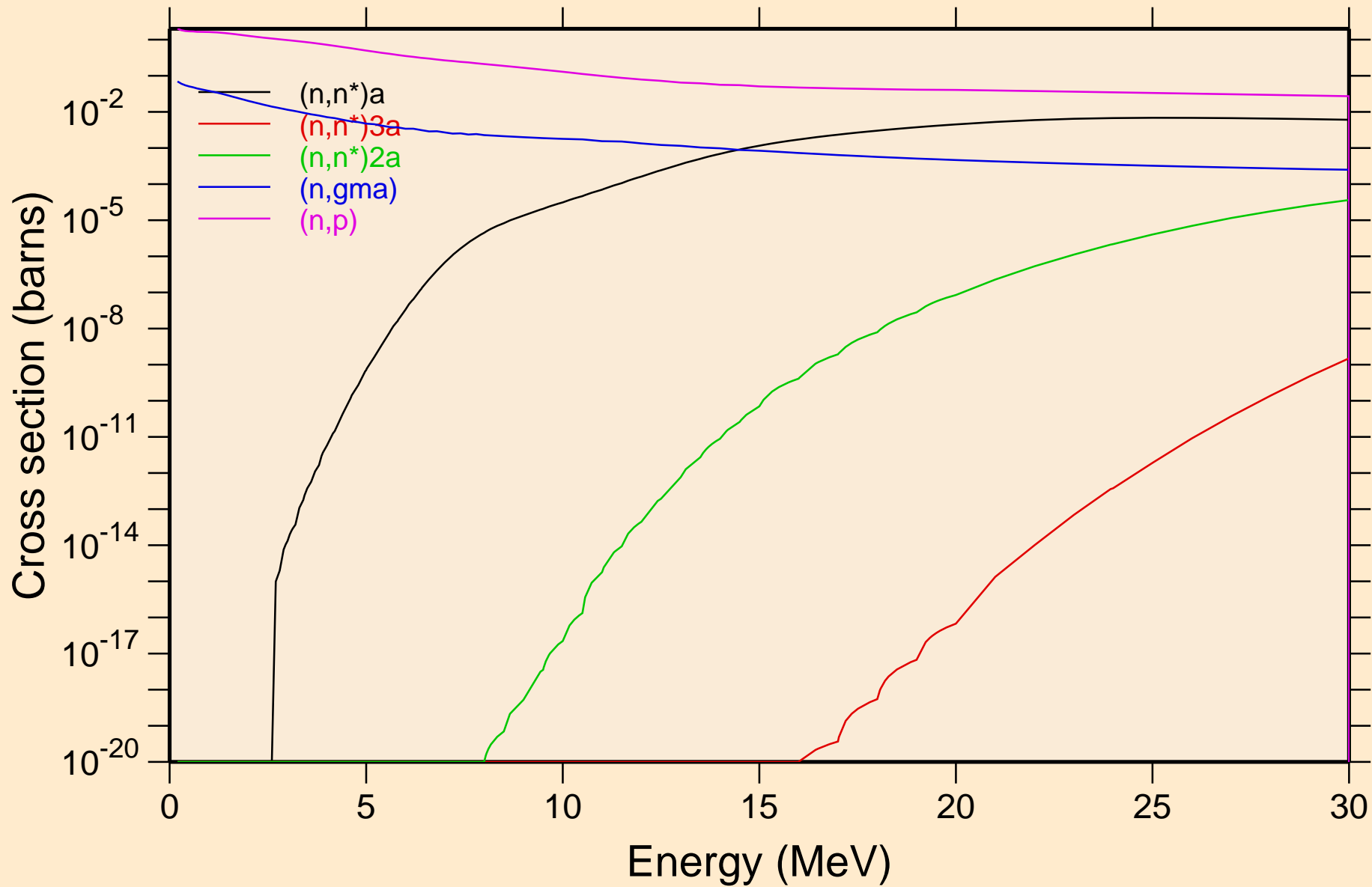
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



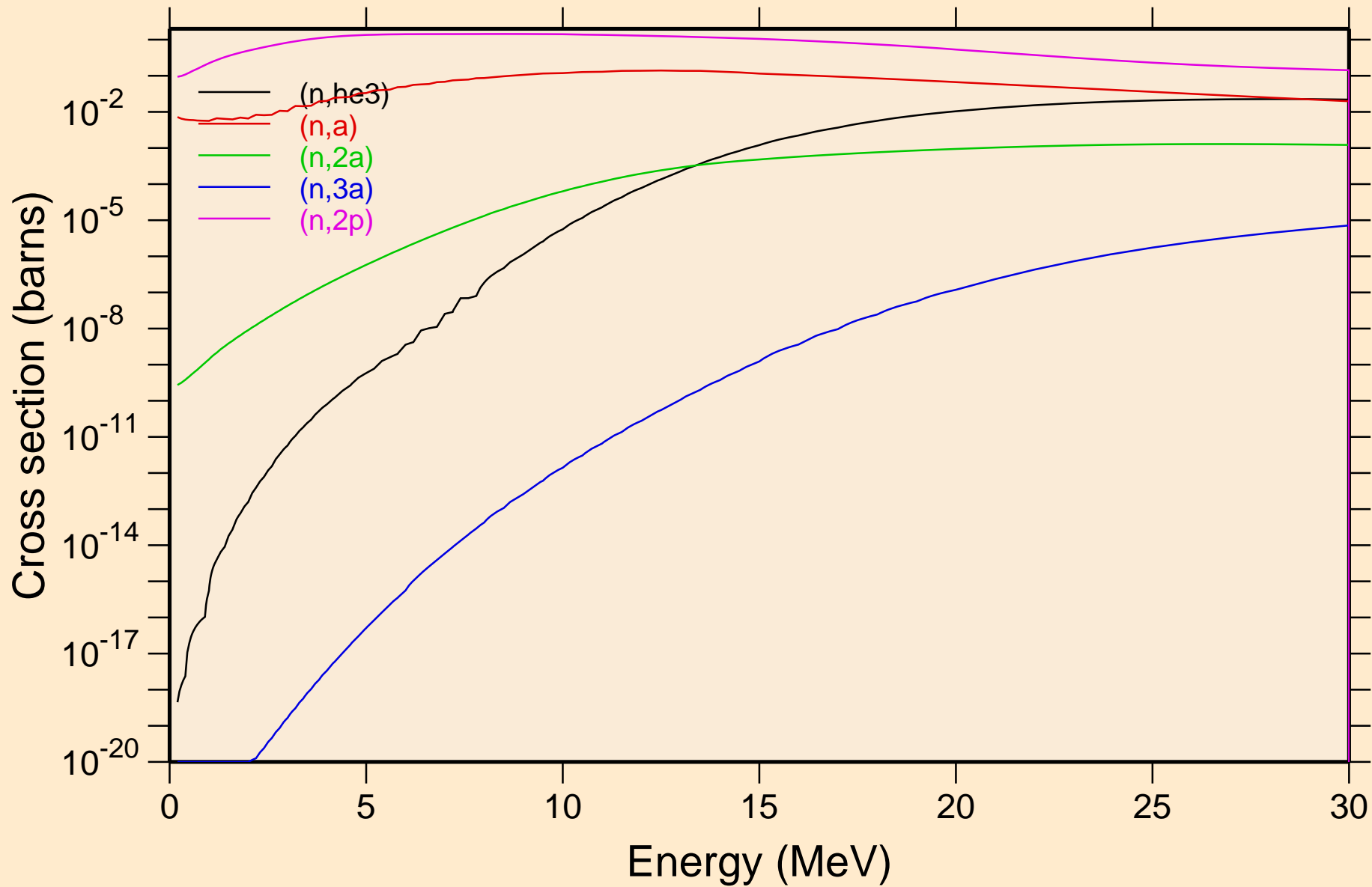
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



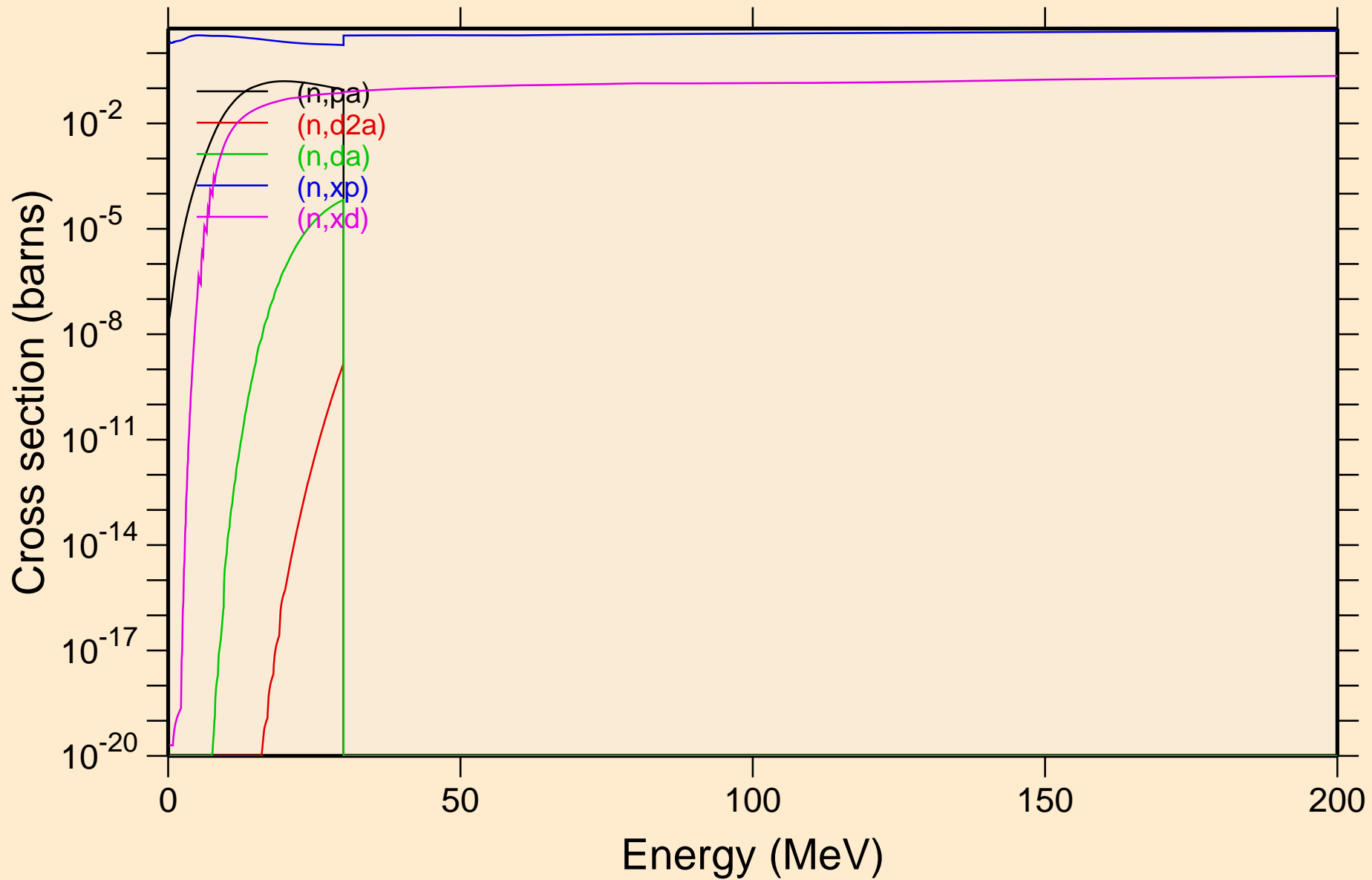
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

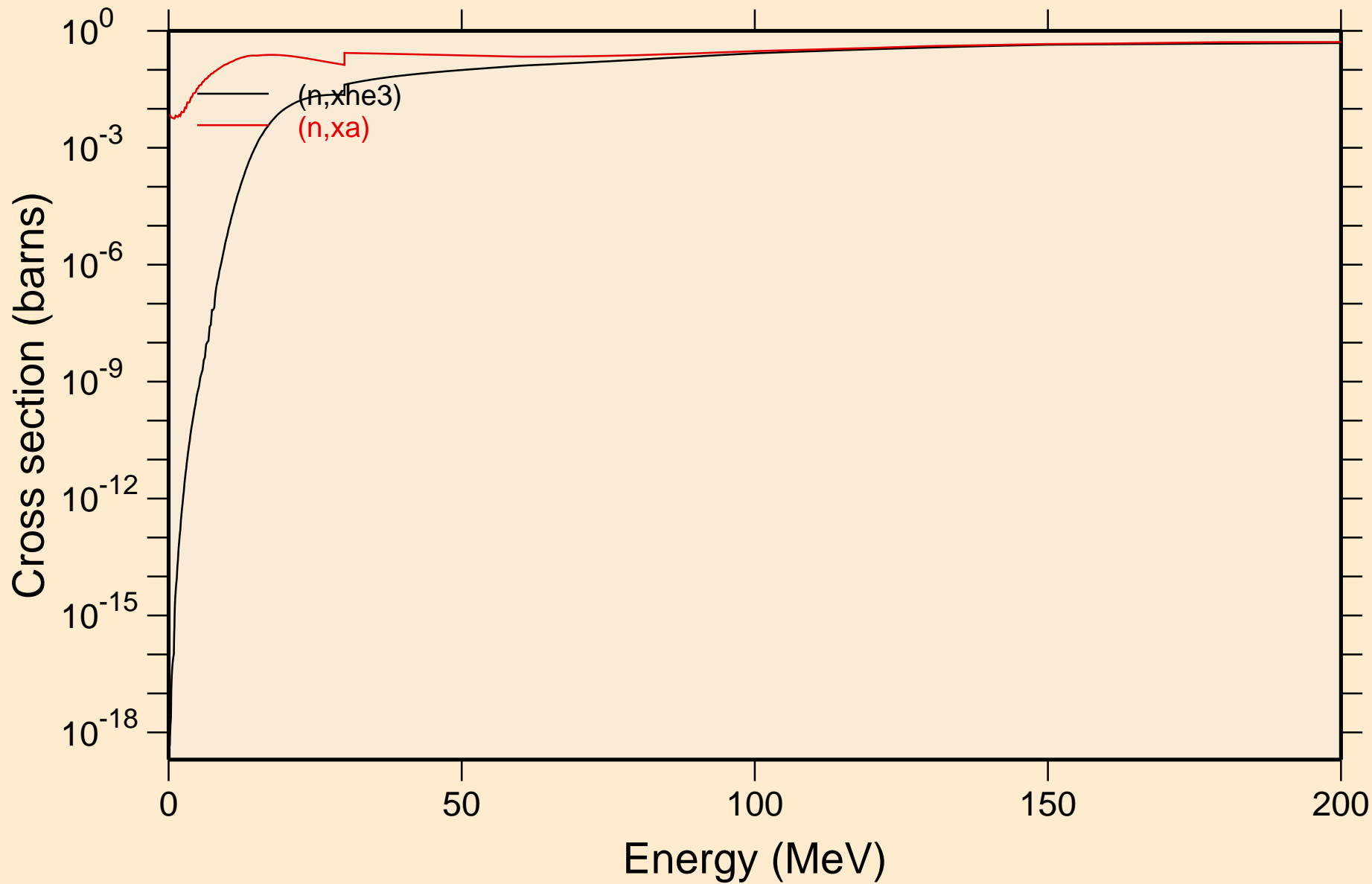


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

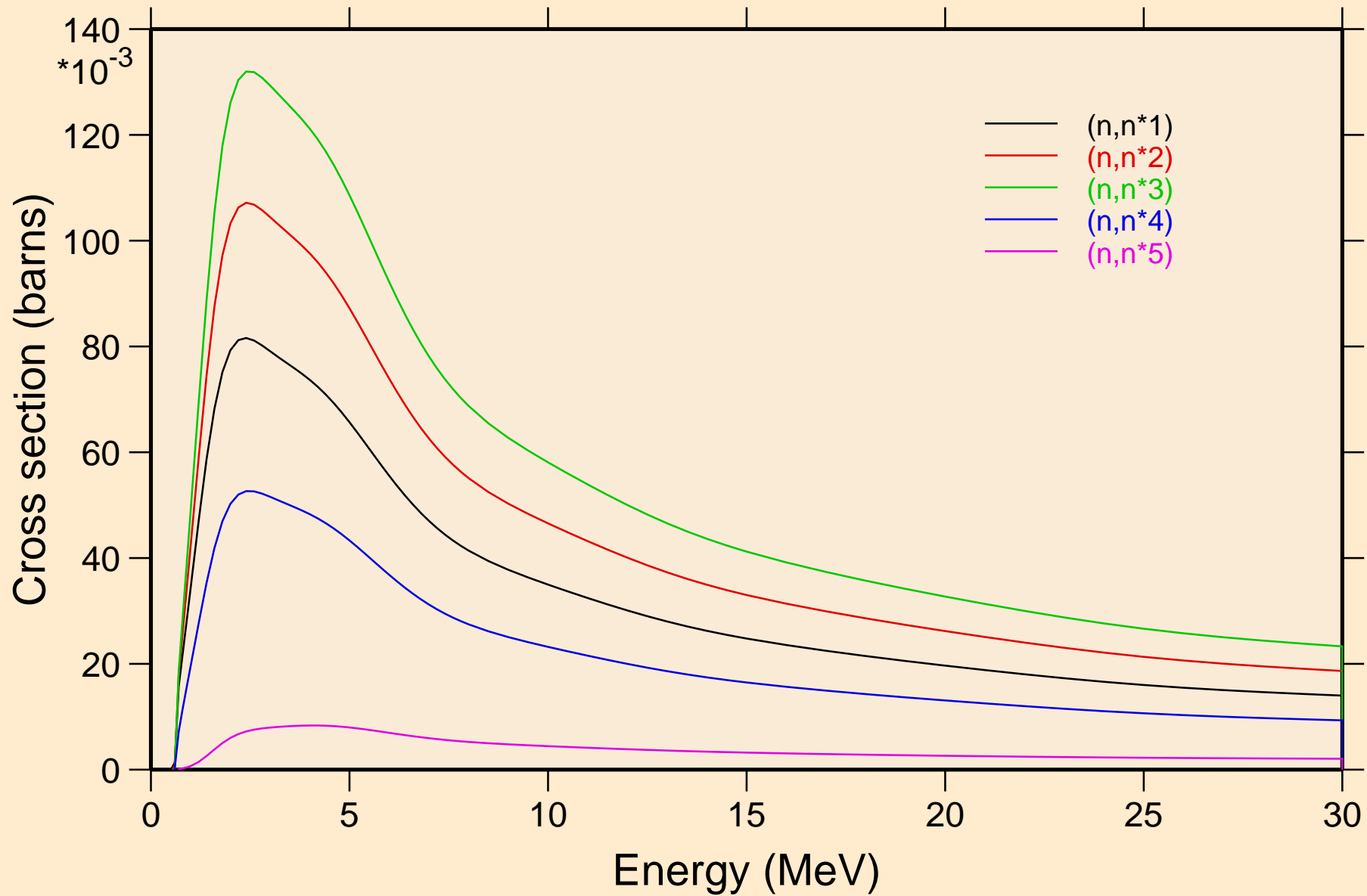
## Non-threshold reactions



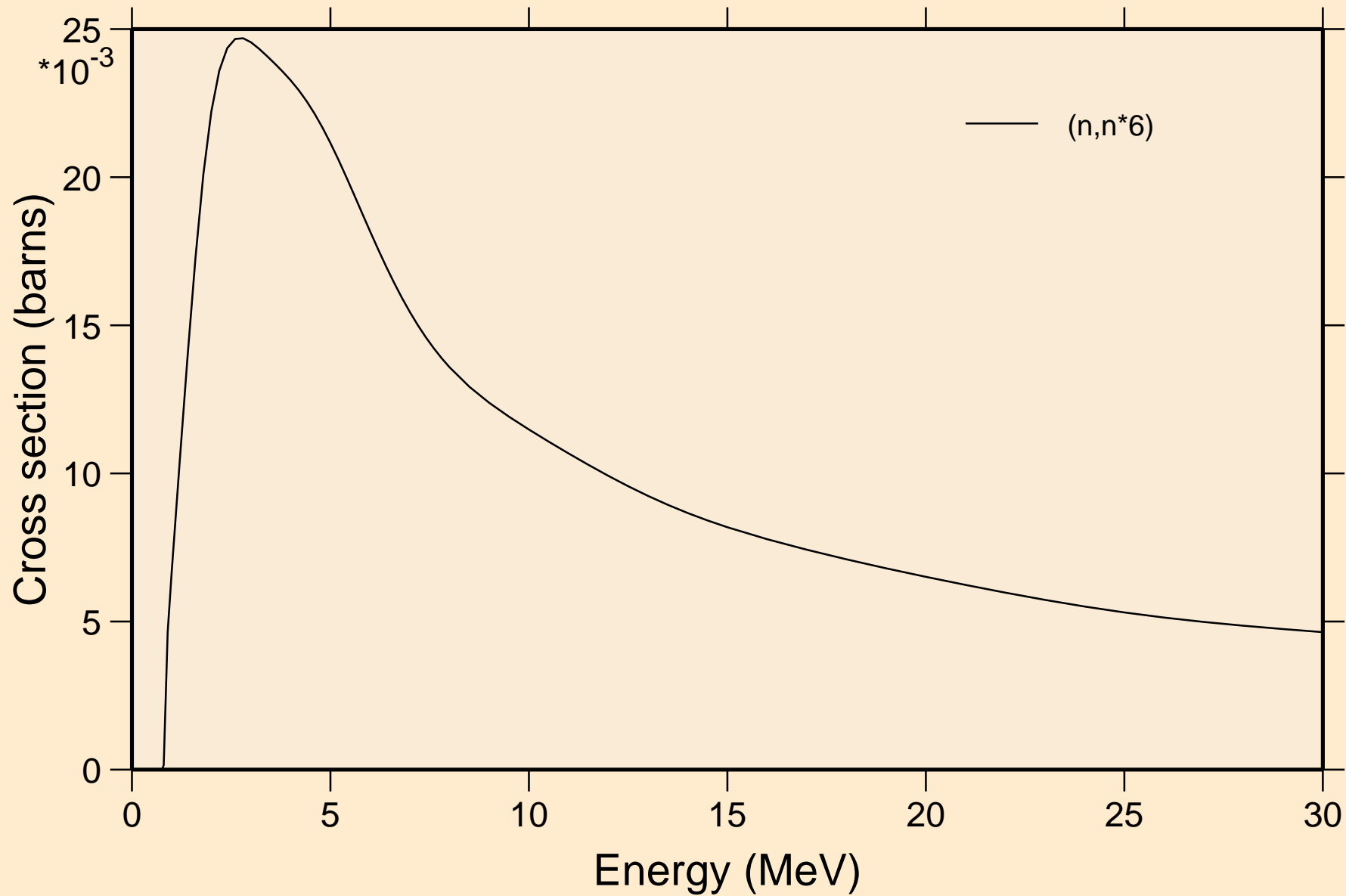
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



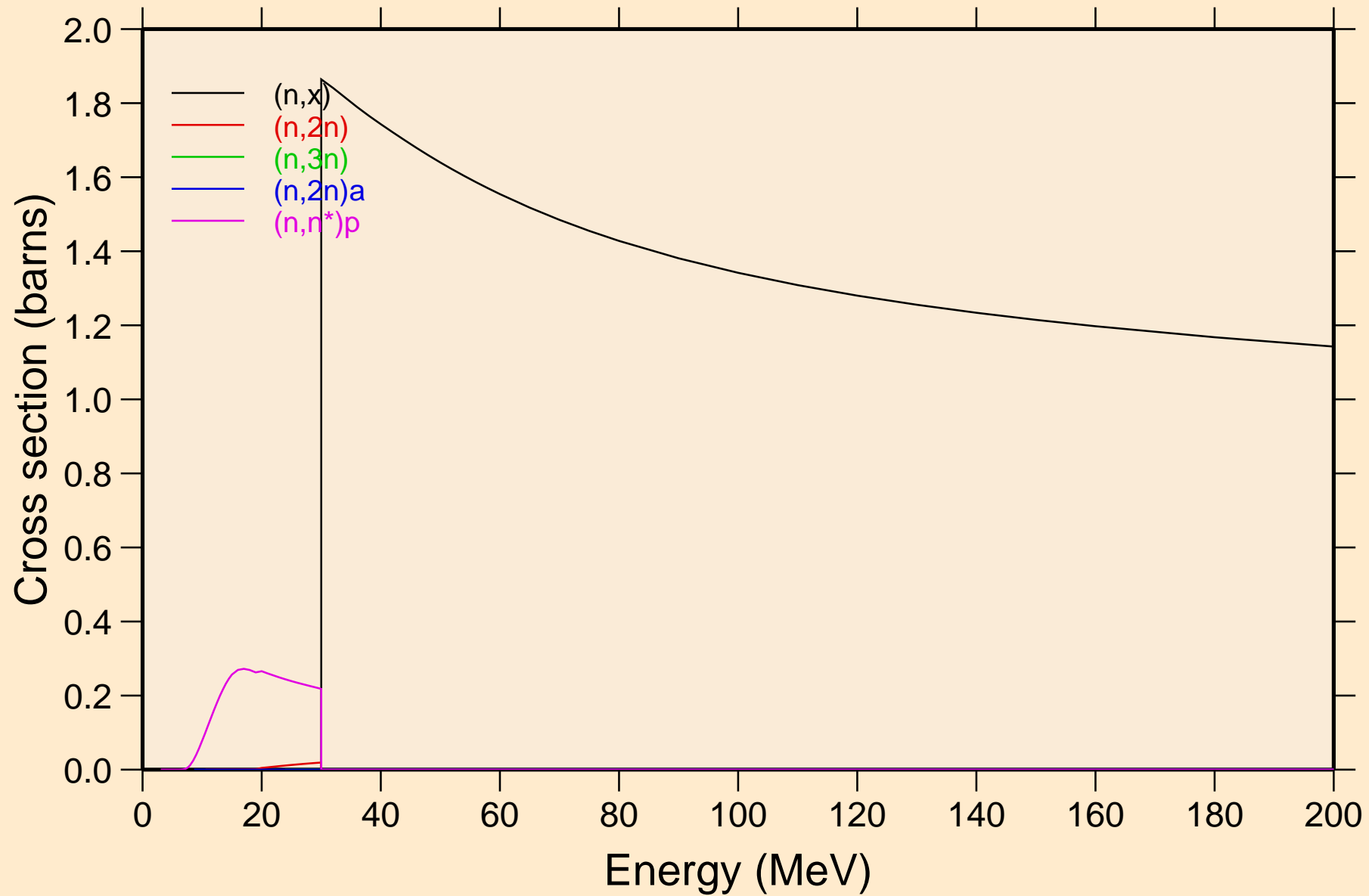
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





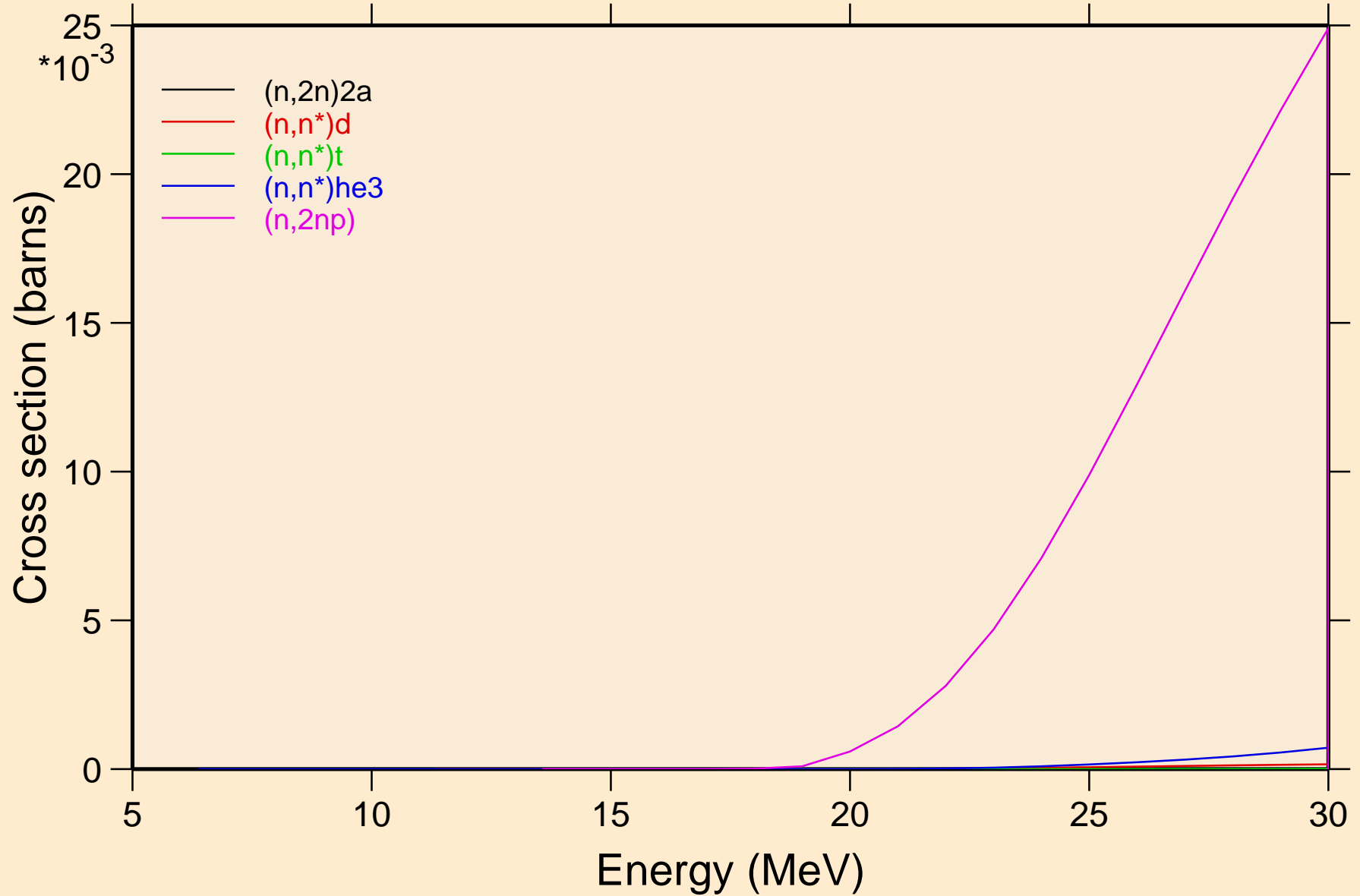
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



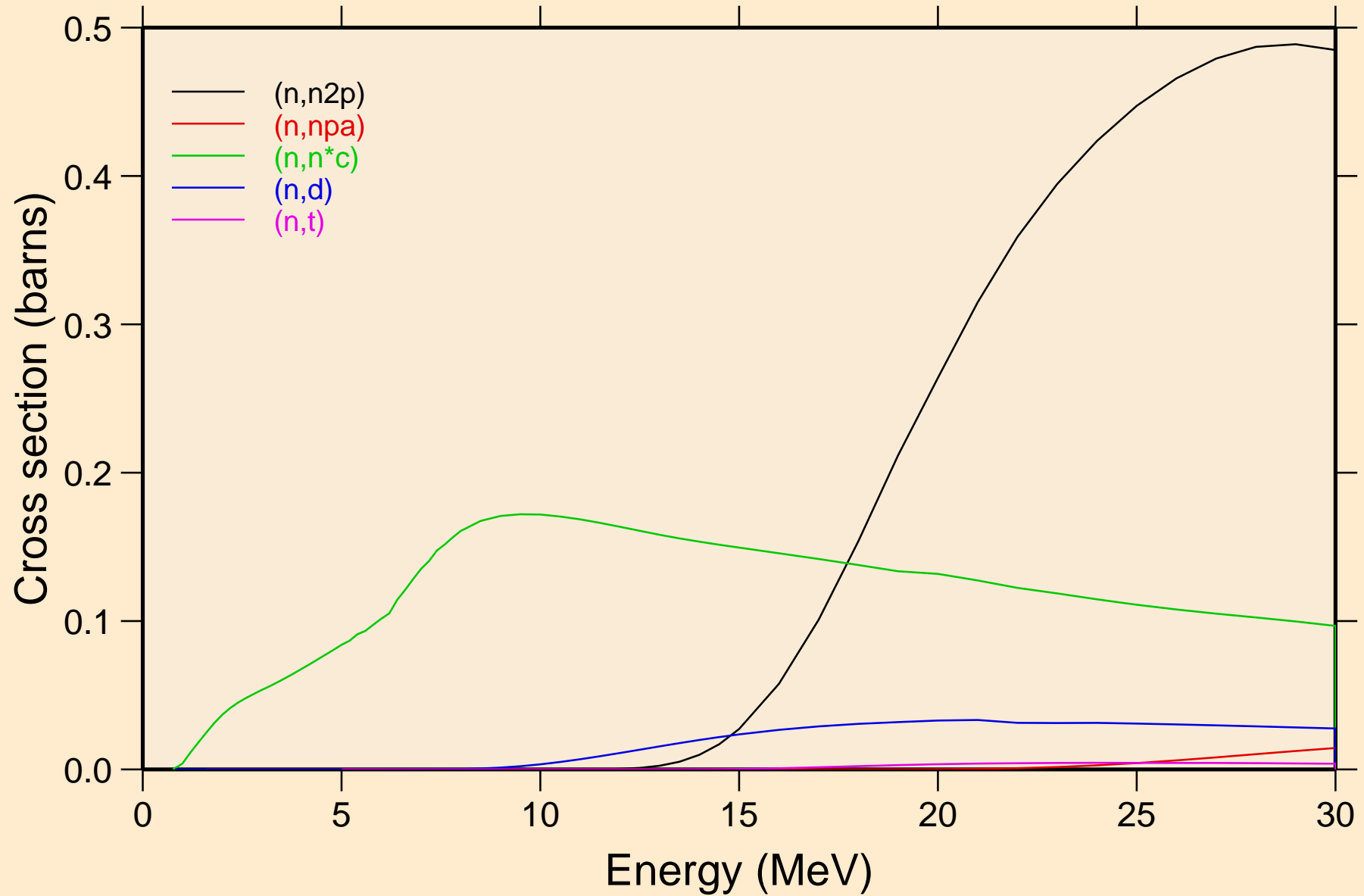
# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

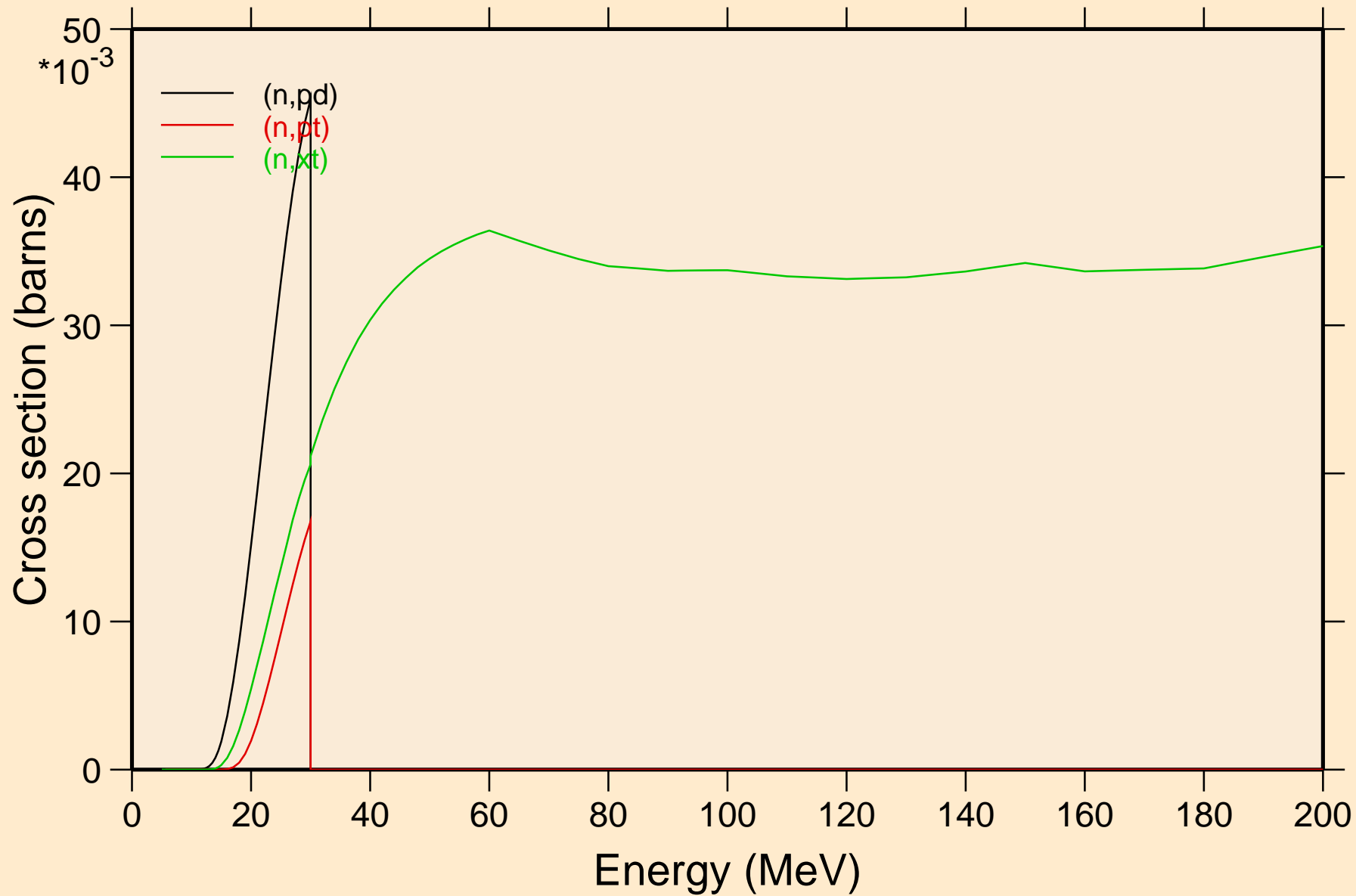


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

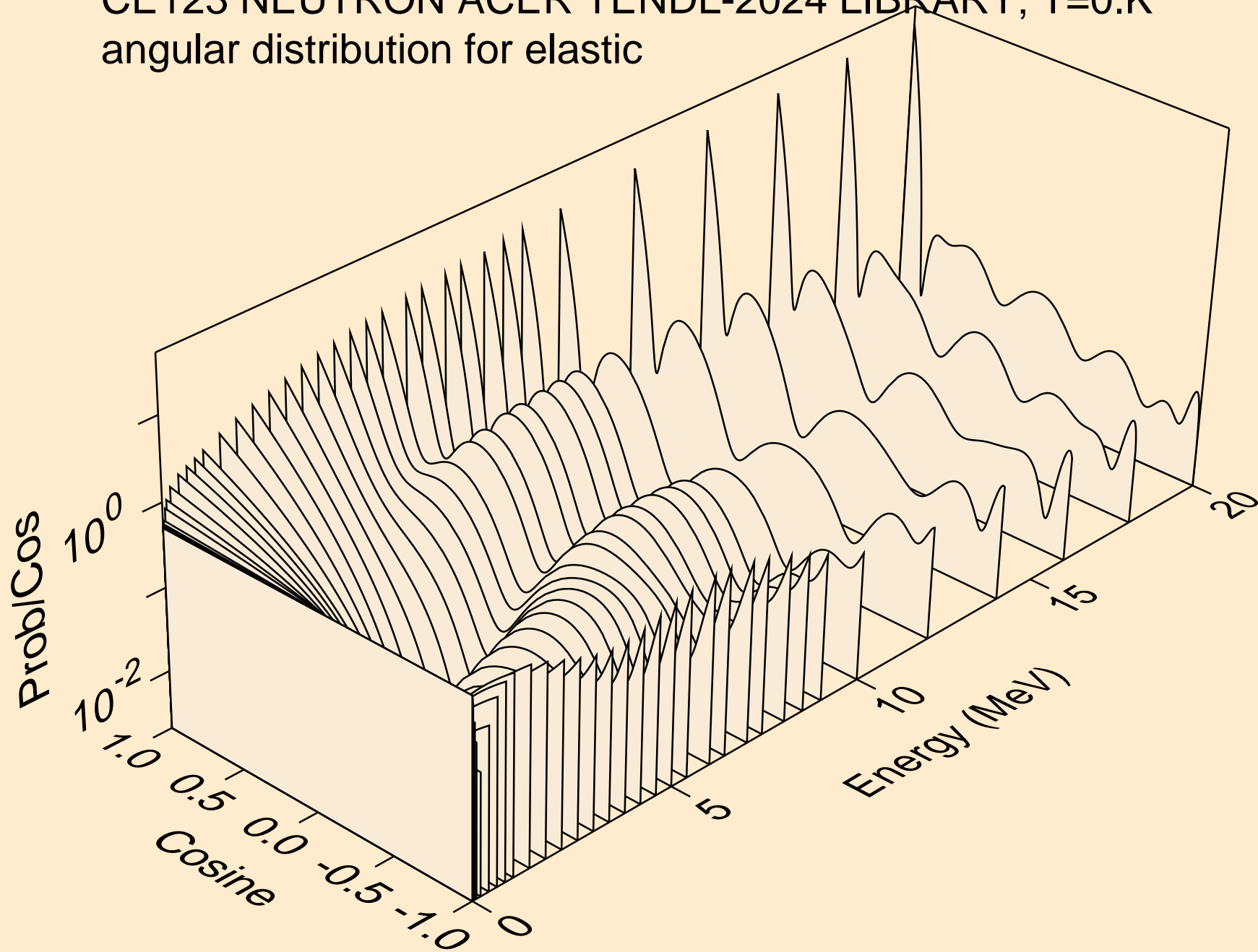
## Threshold reactions



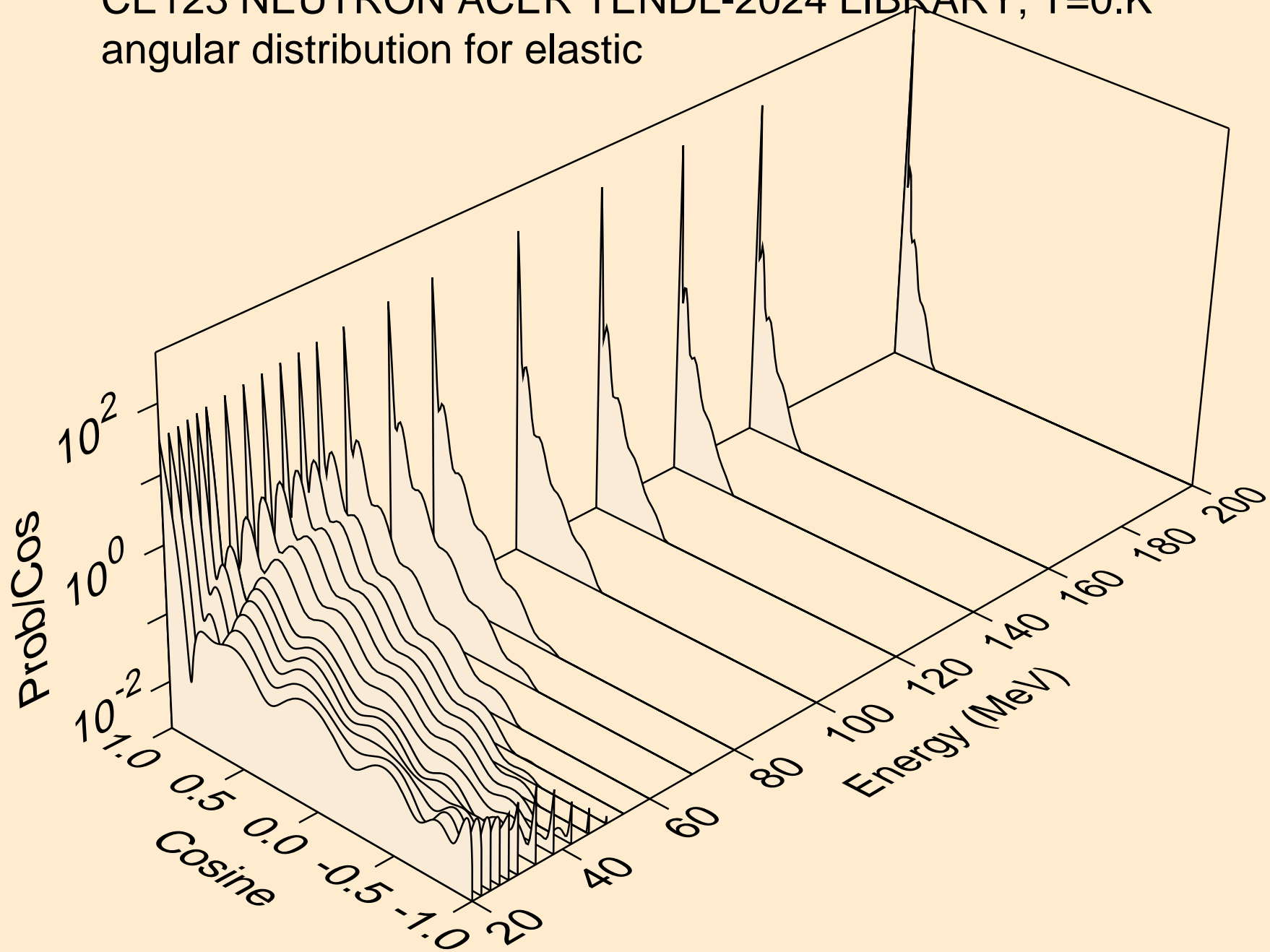
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



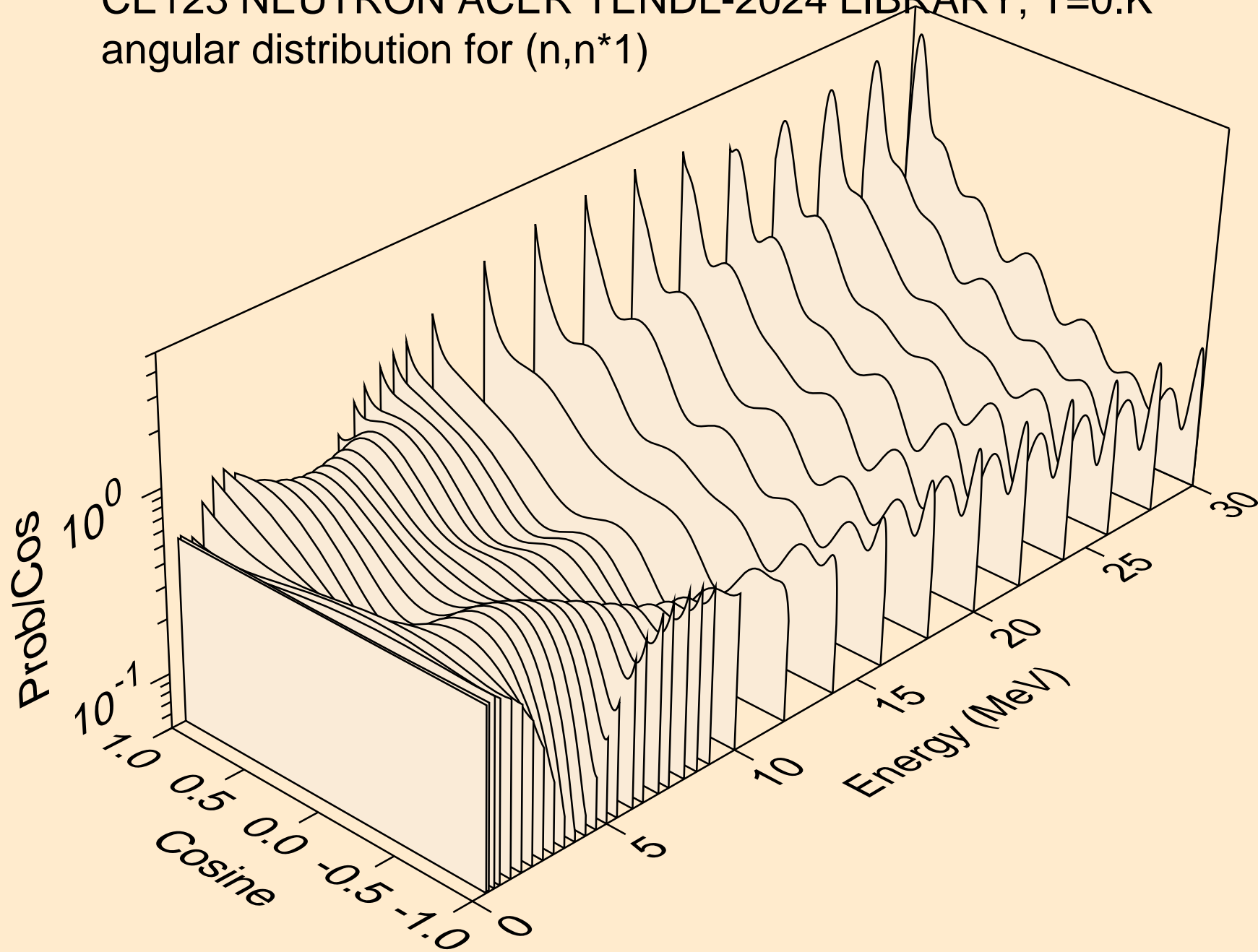
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



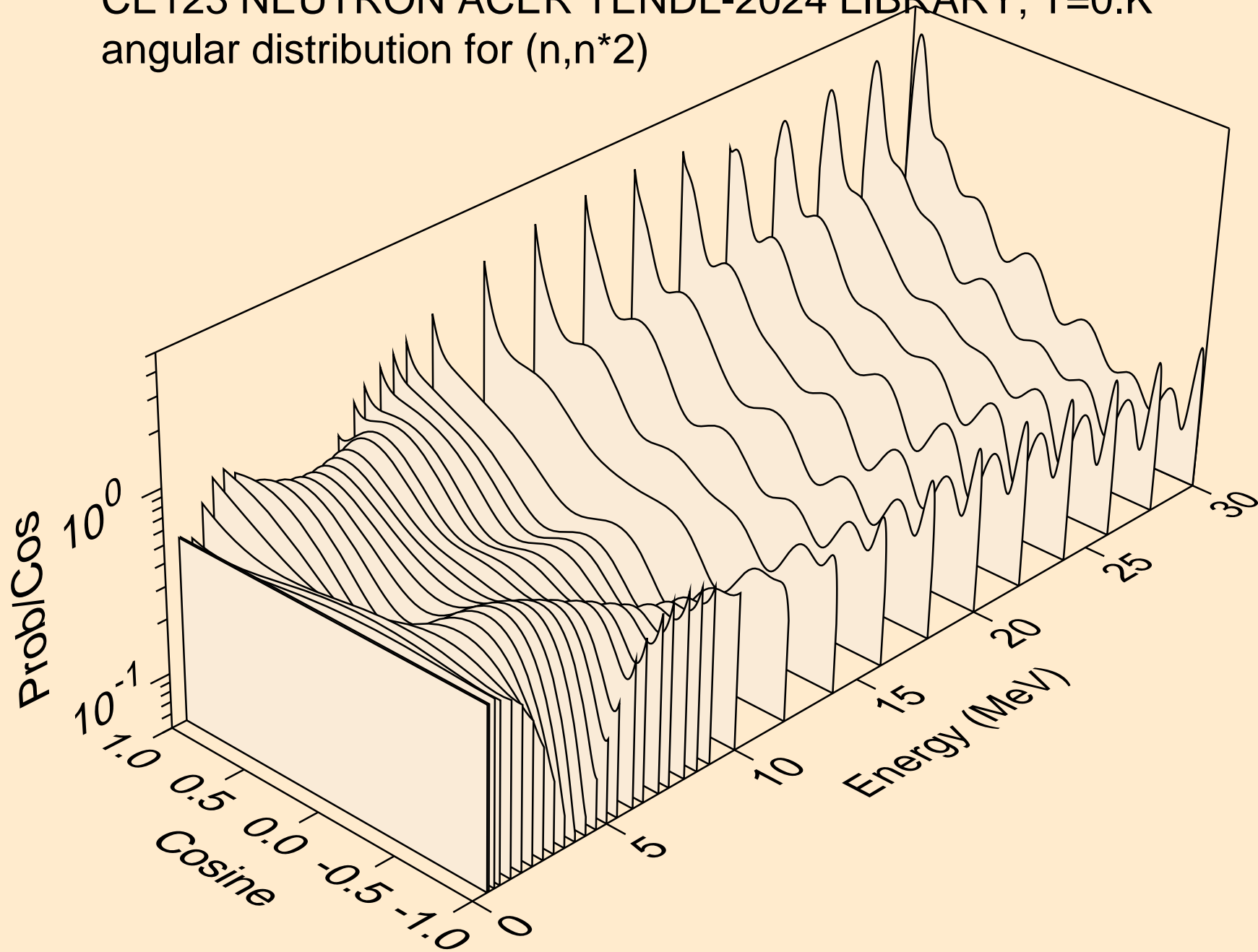
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

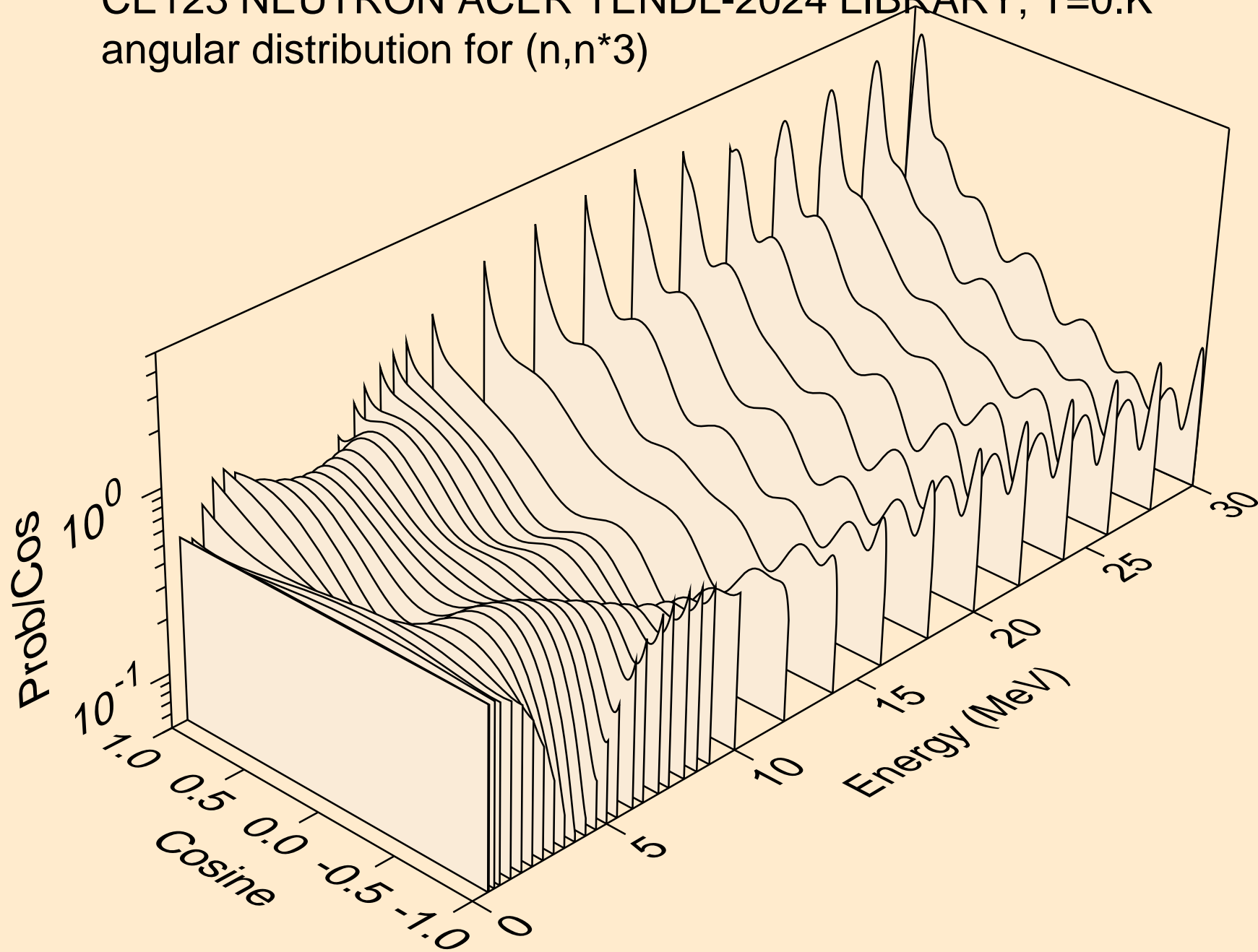


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

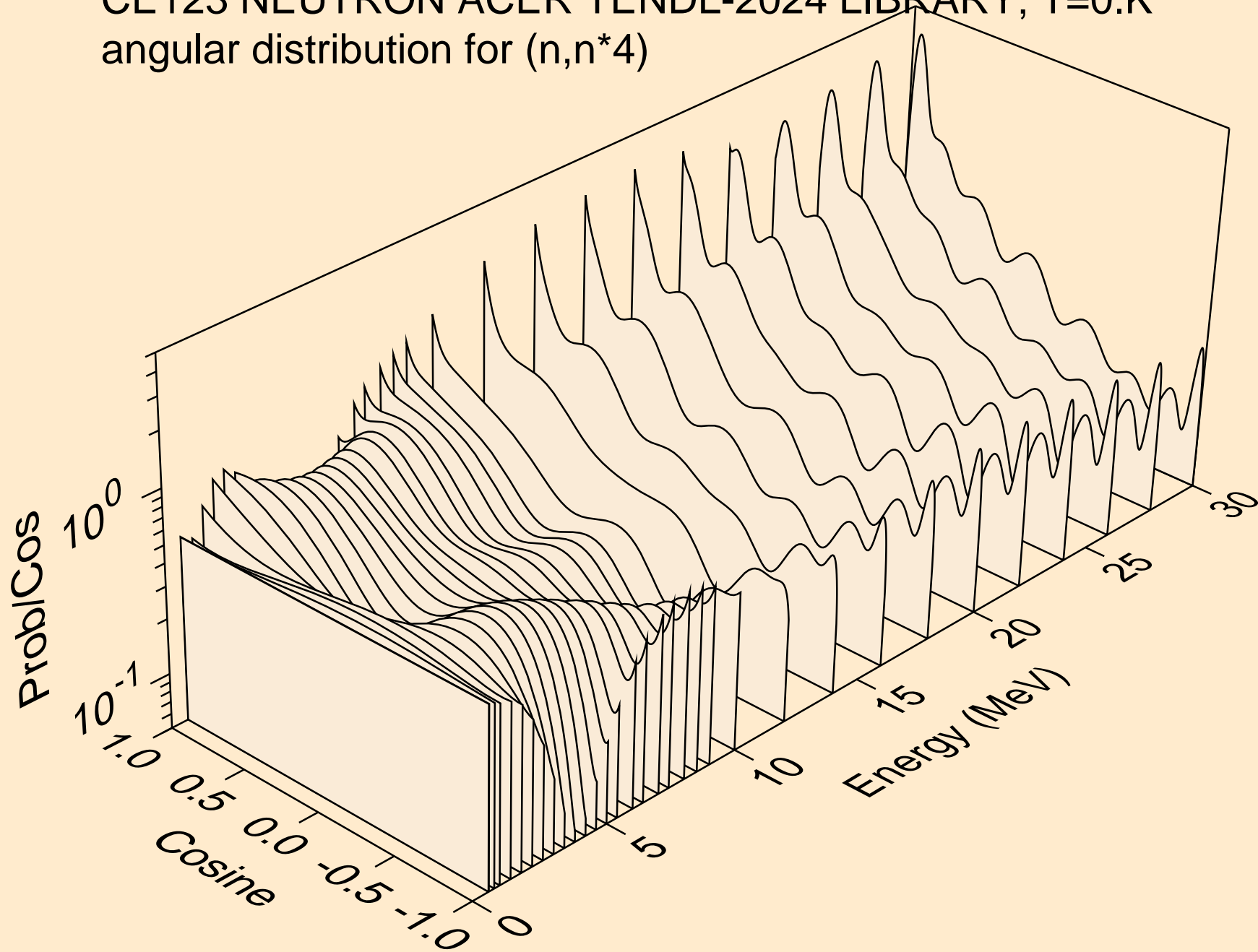




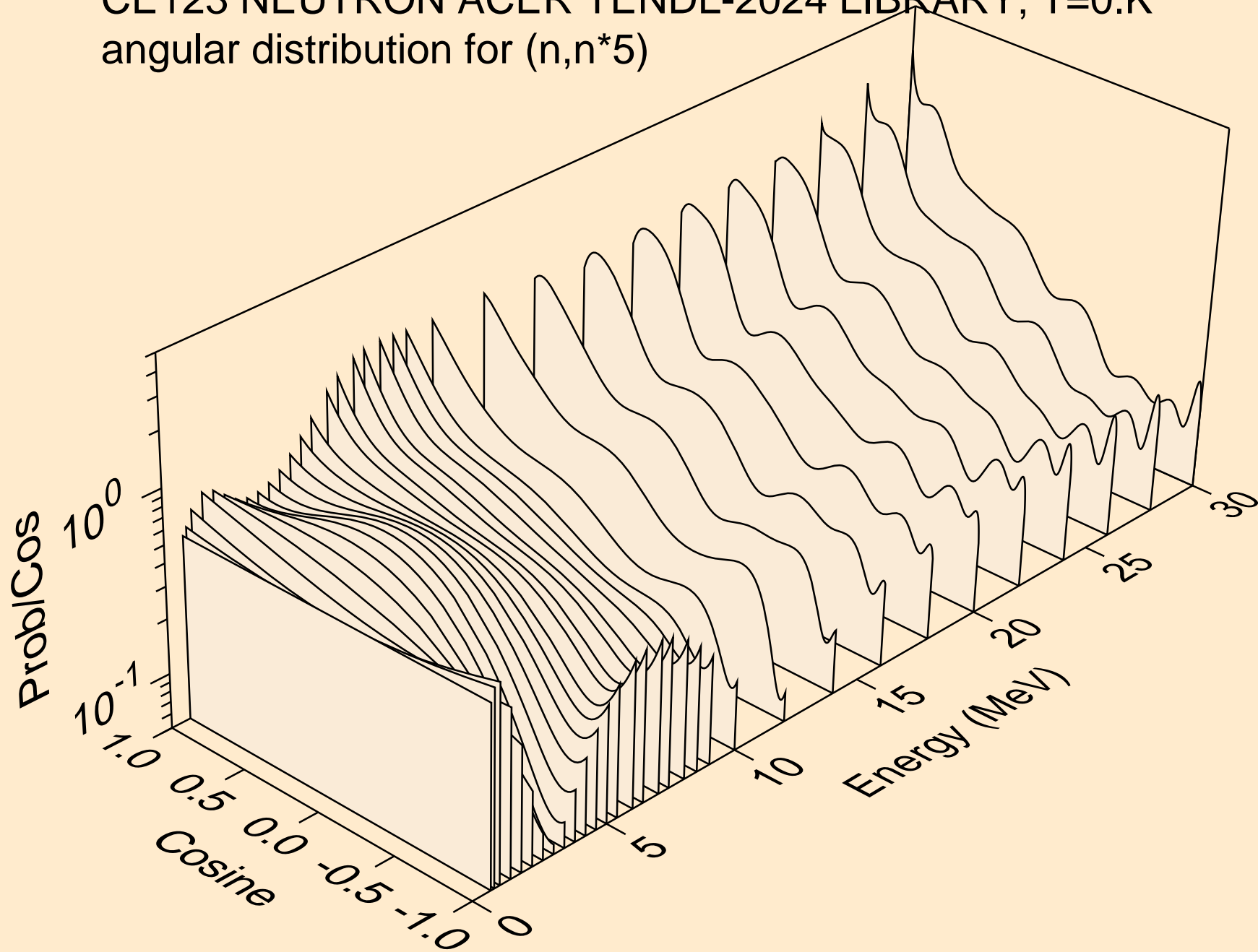
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angular distribution for (n,n\*3)



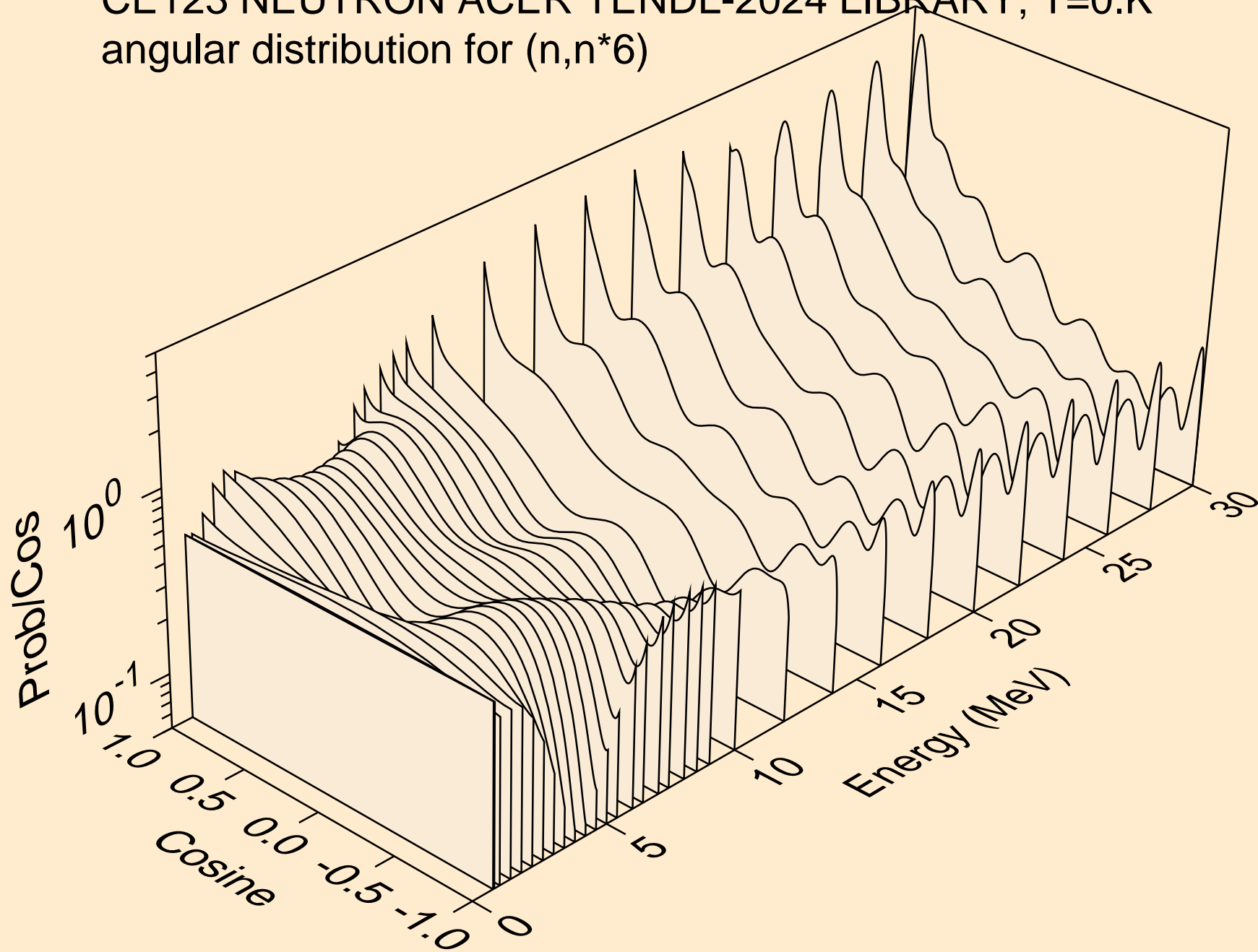
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angular distribution for (n,n\*4)



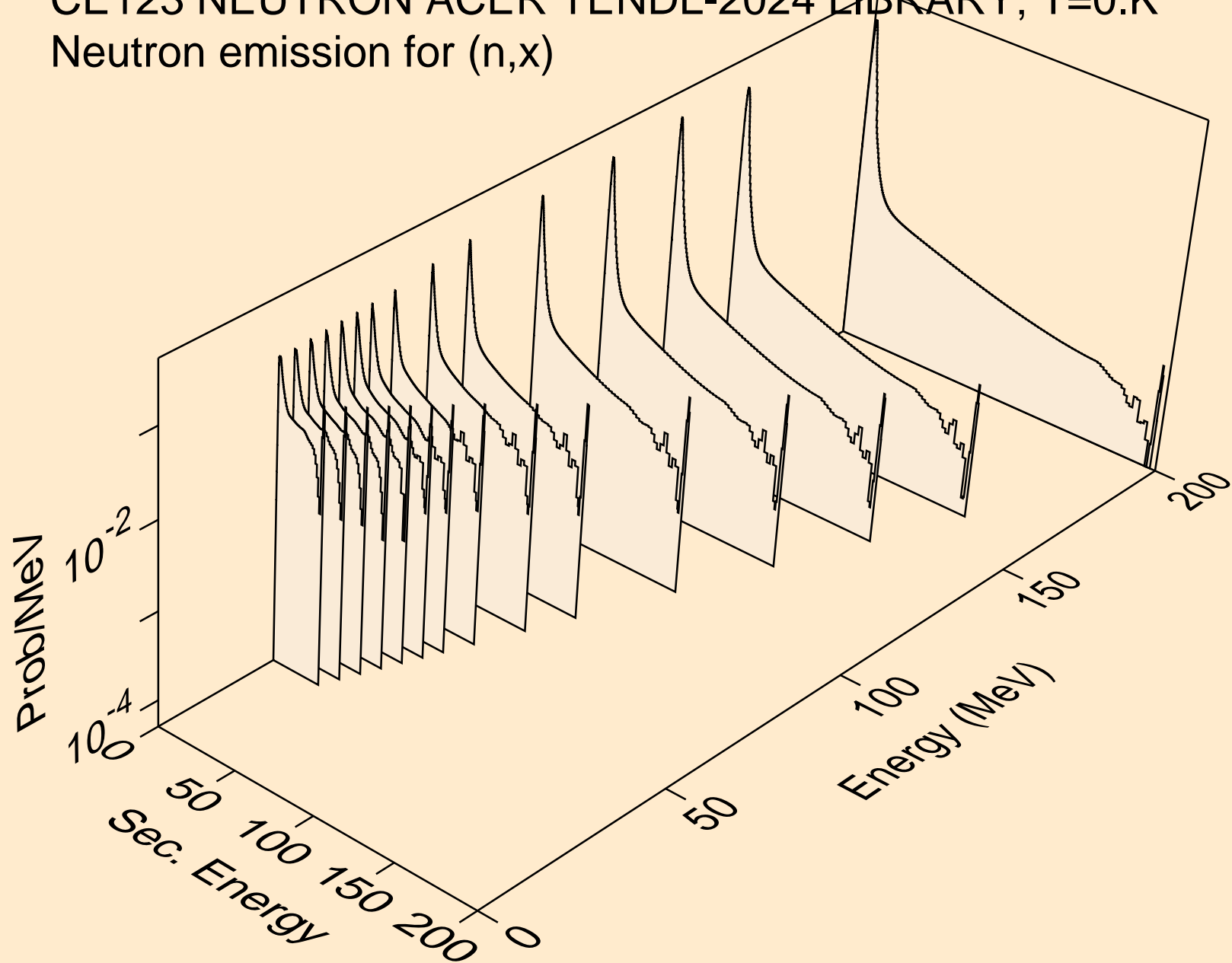
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angular distribution for (n,n\*5)



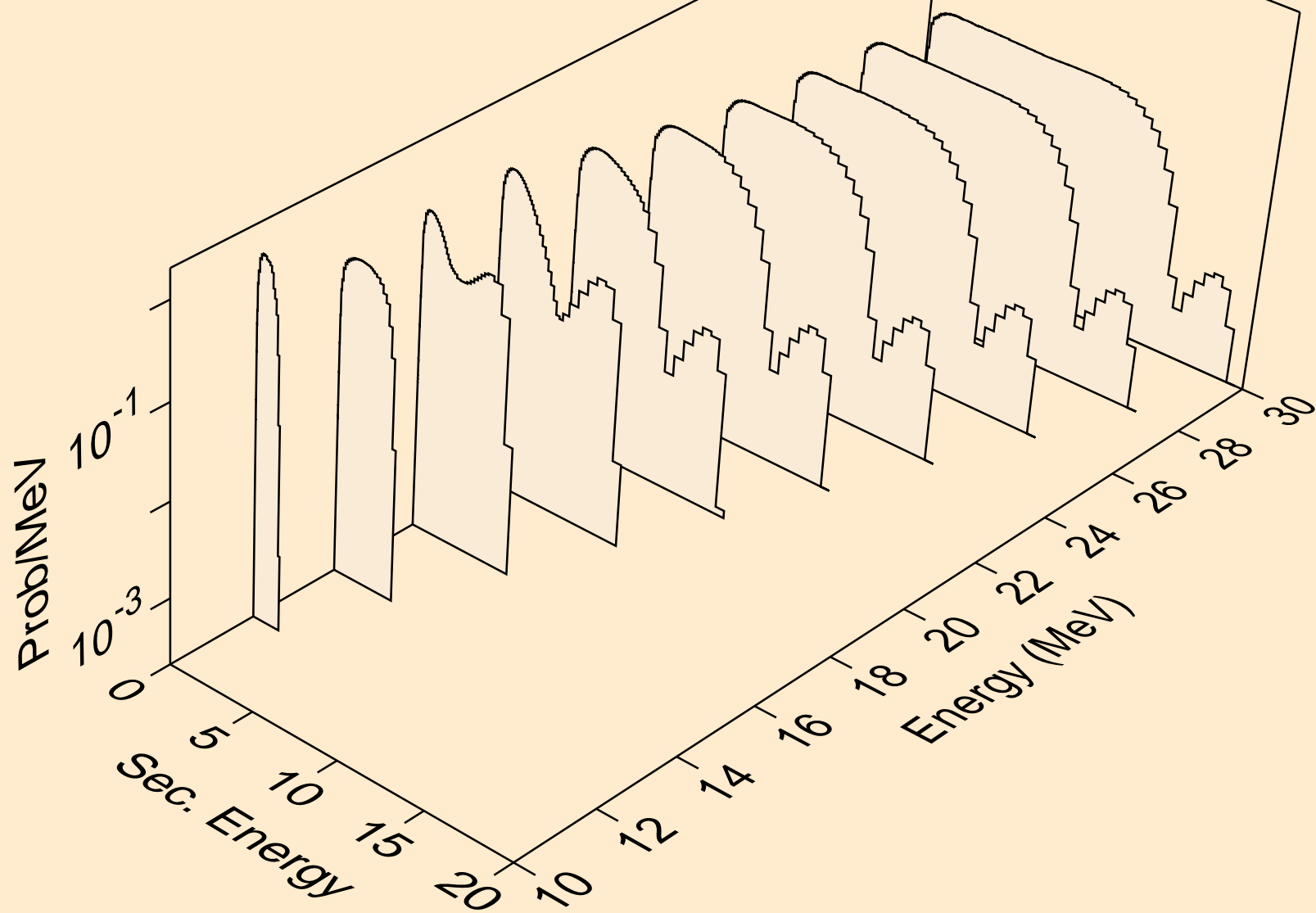
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angular distribution for (n,n\*6)



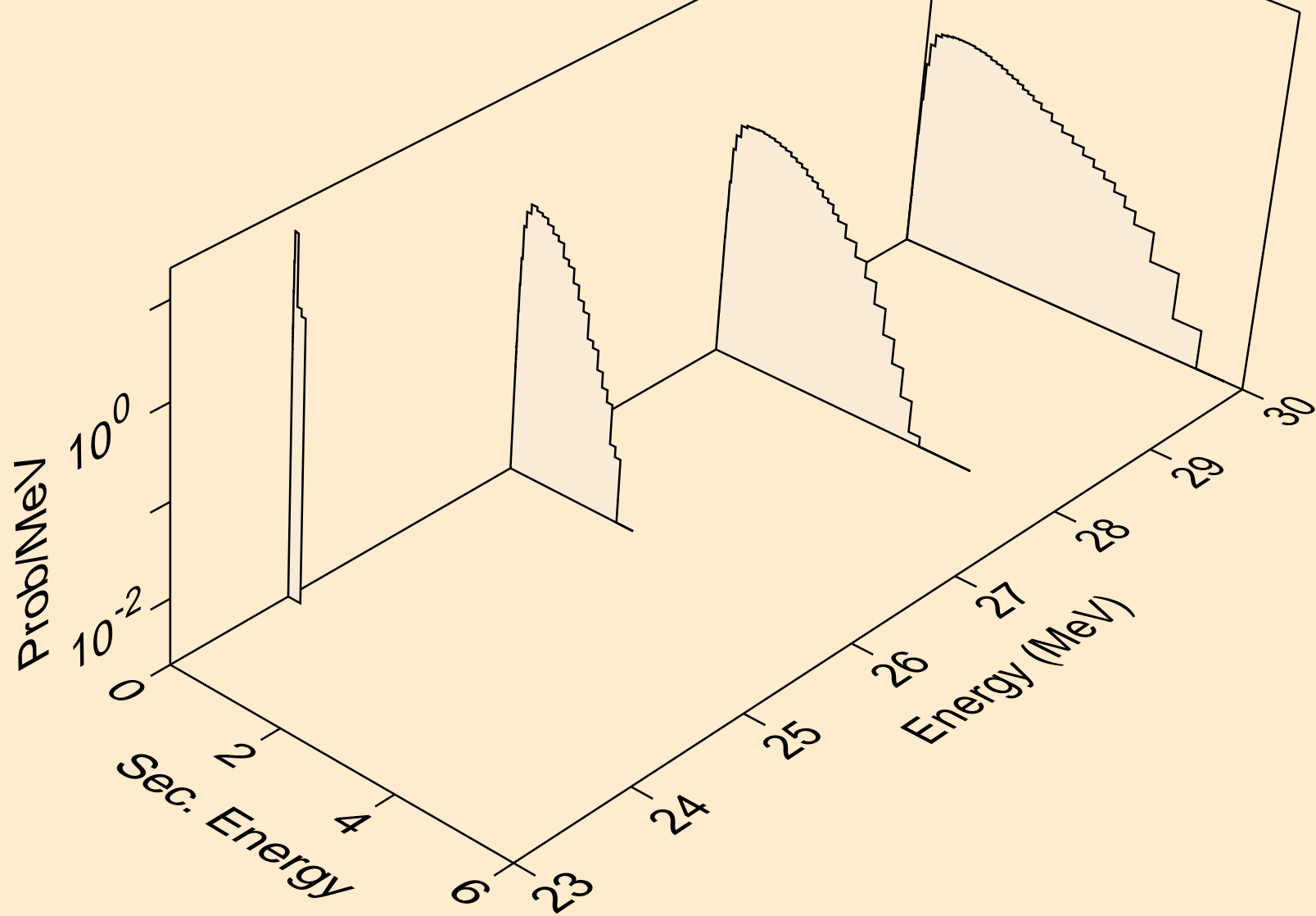
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



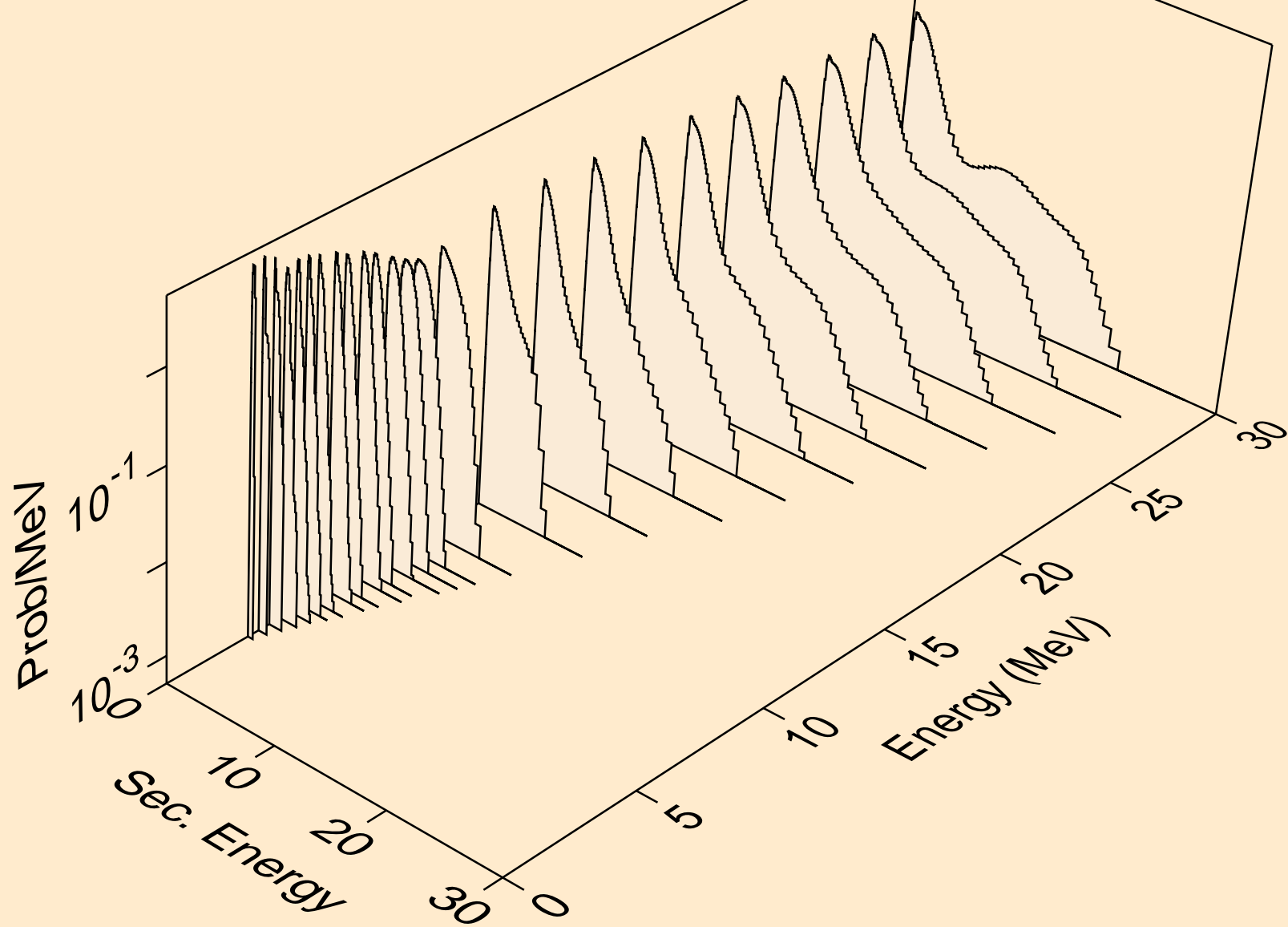
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

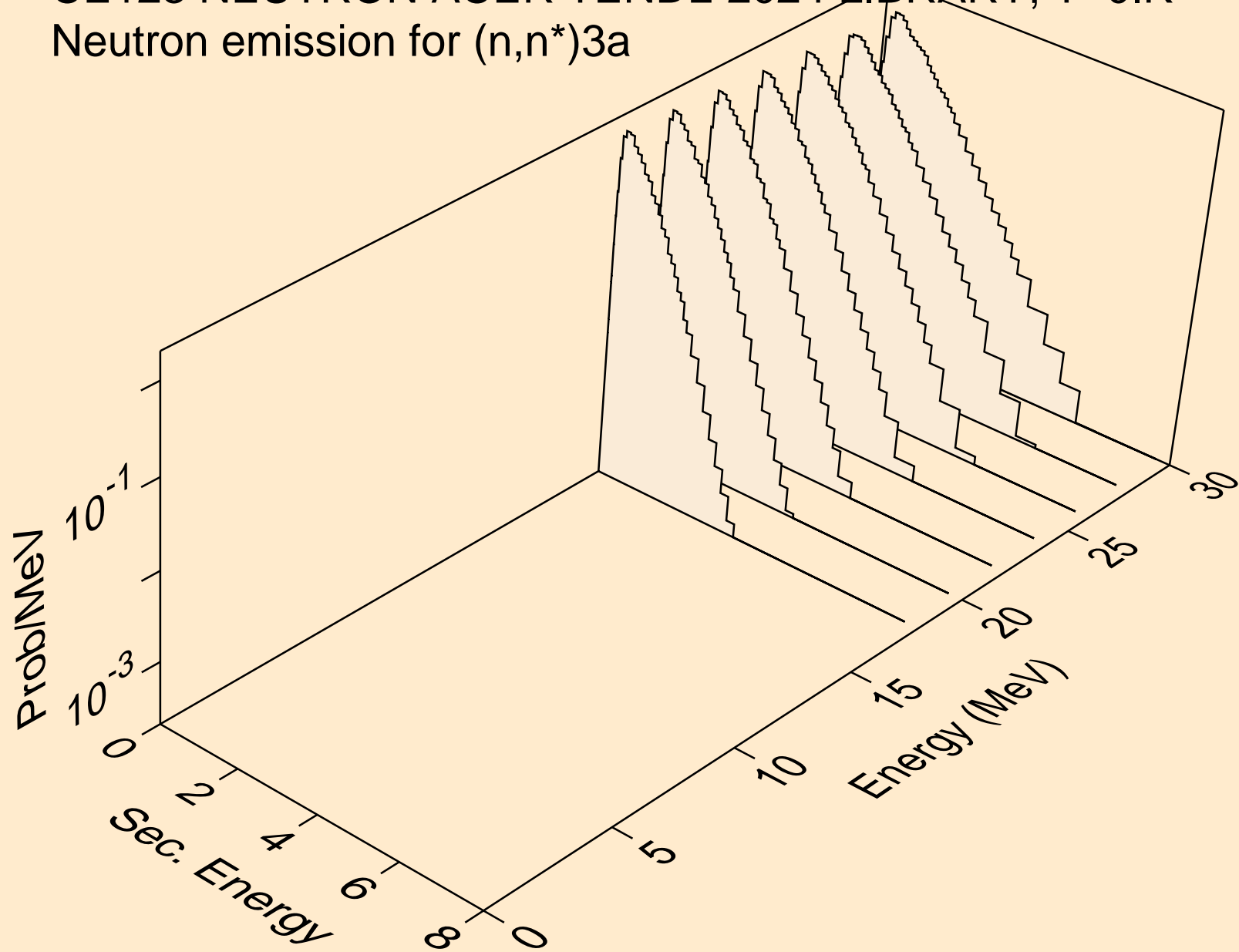


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

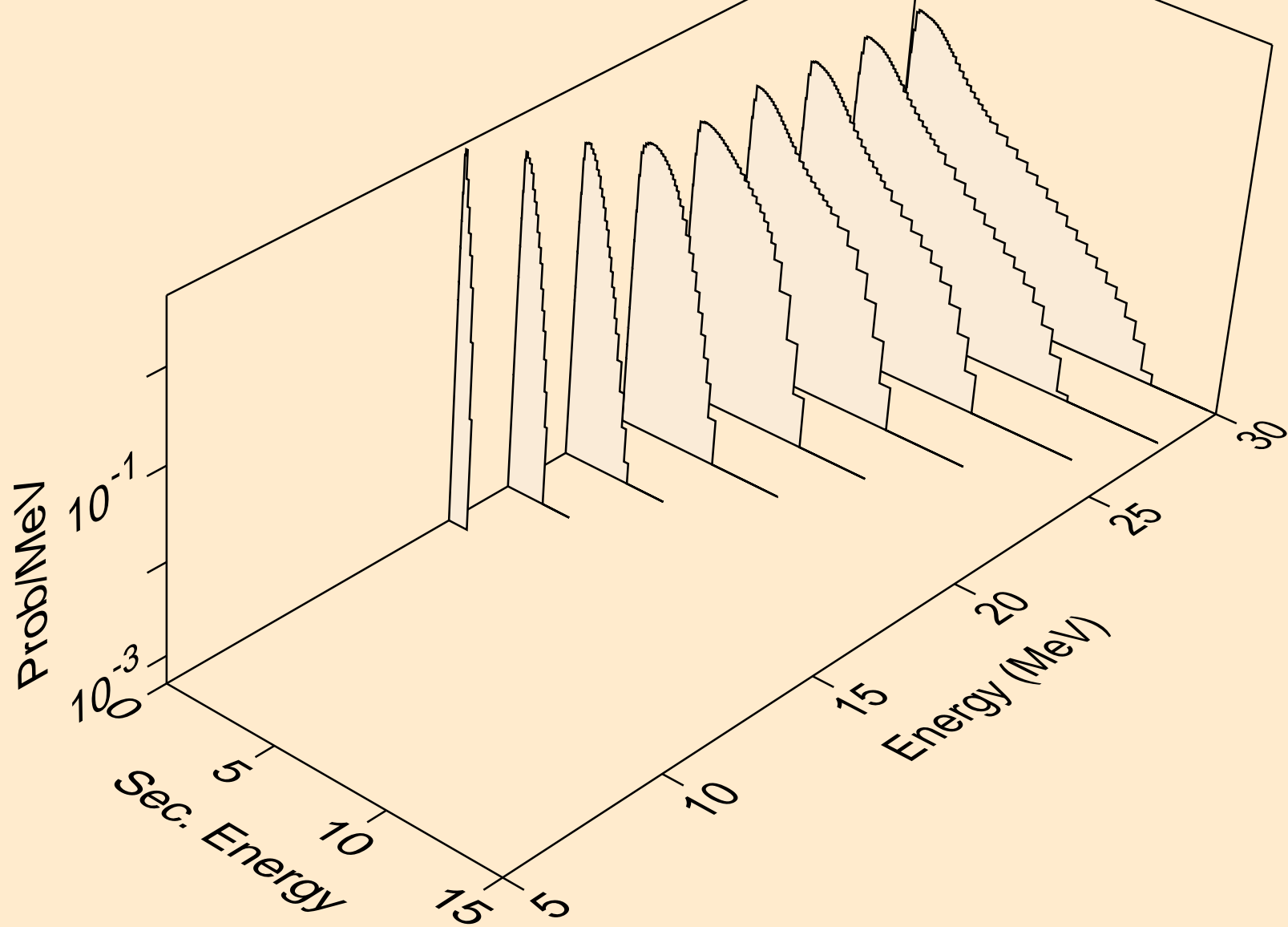




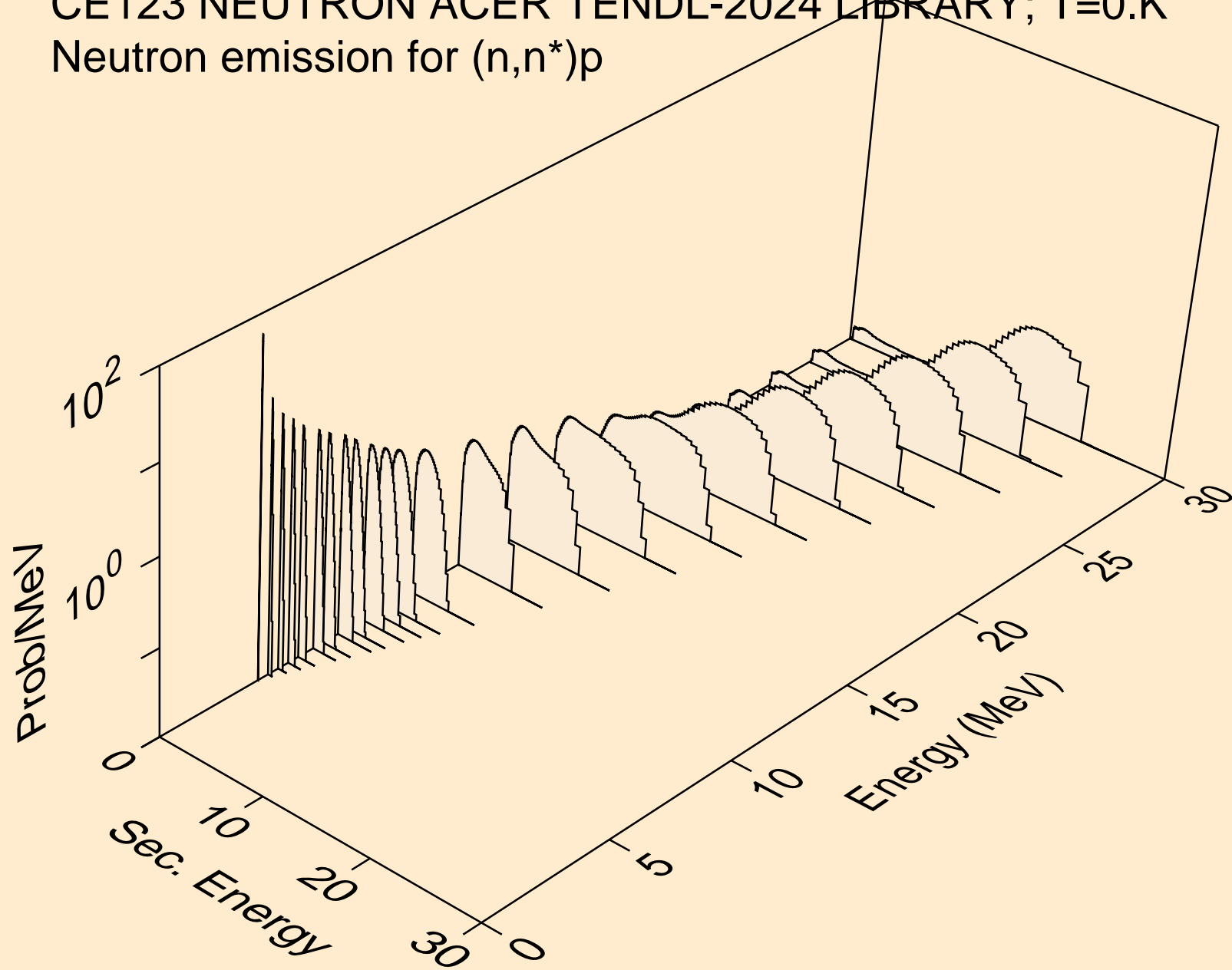
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Neutron emission for (n,n\*)3a



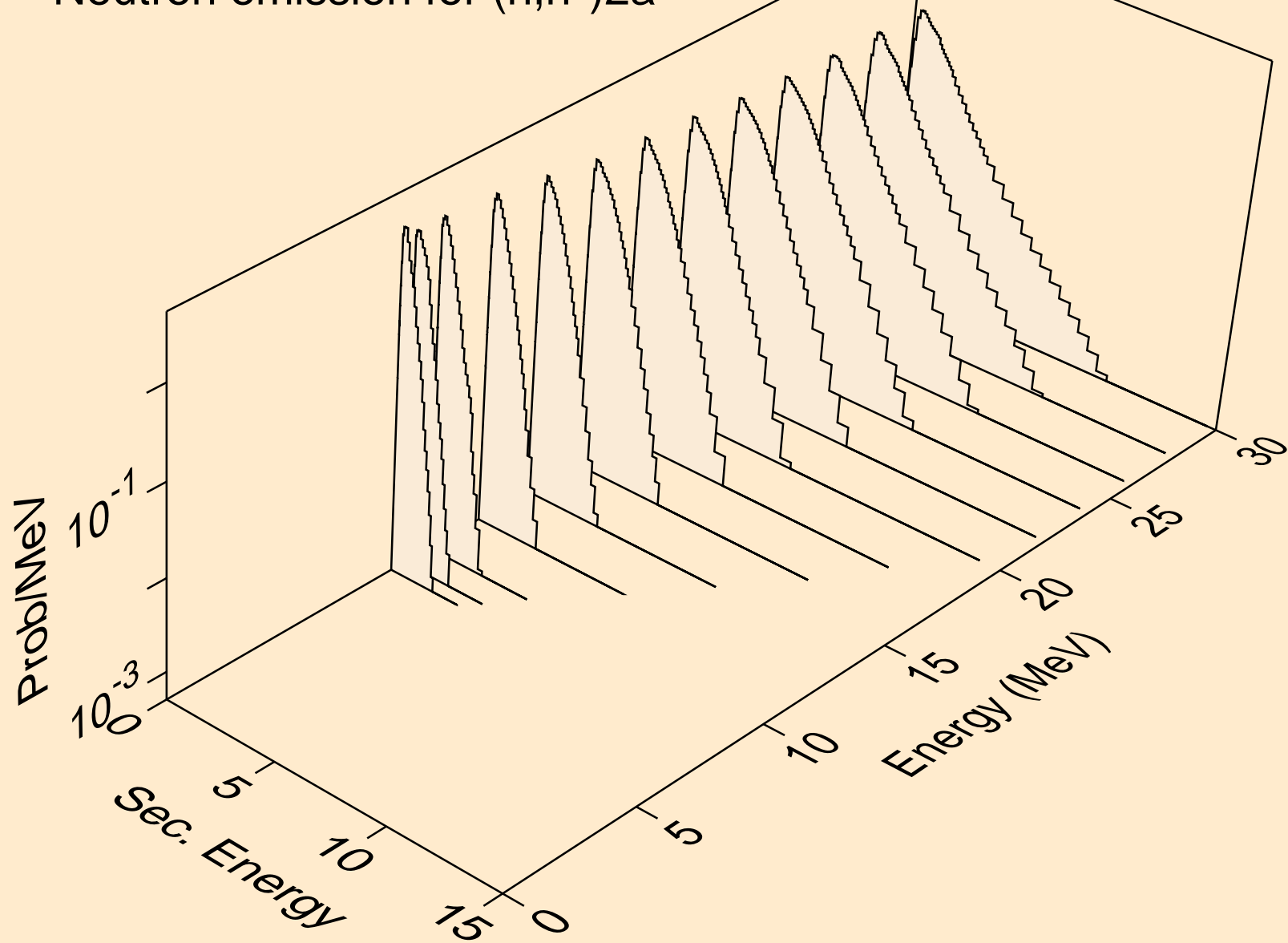
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



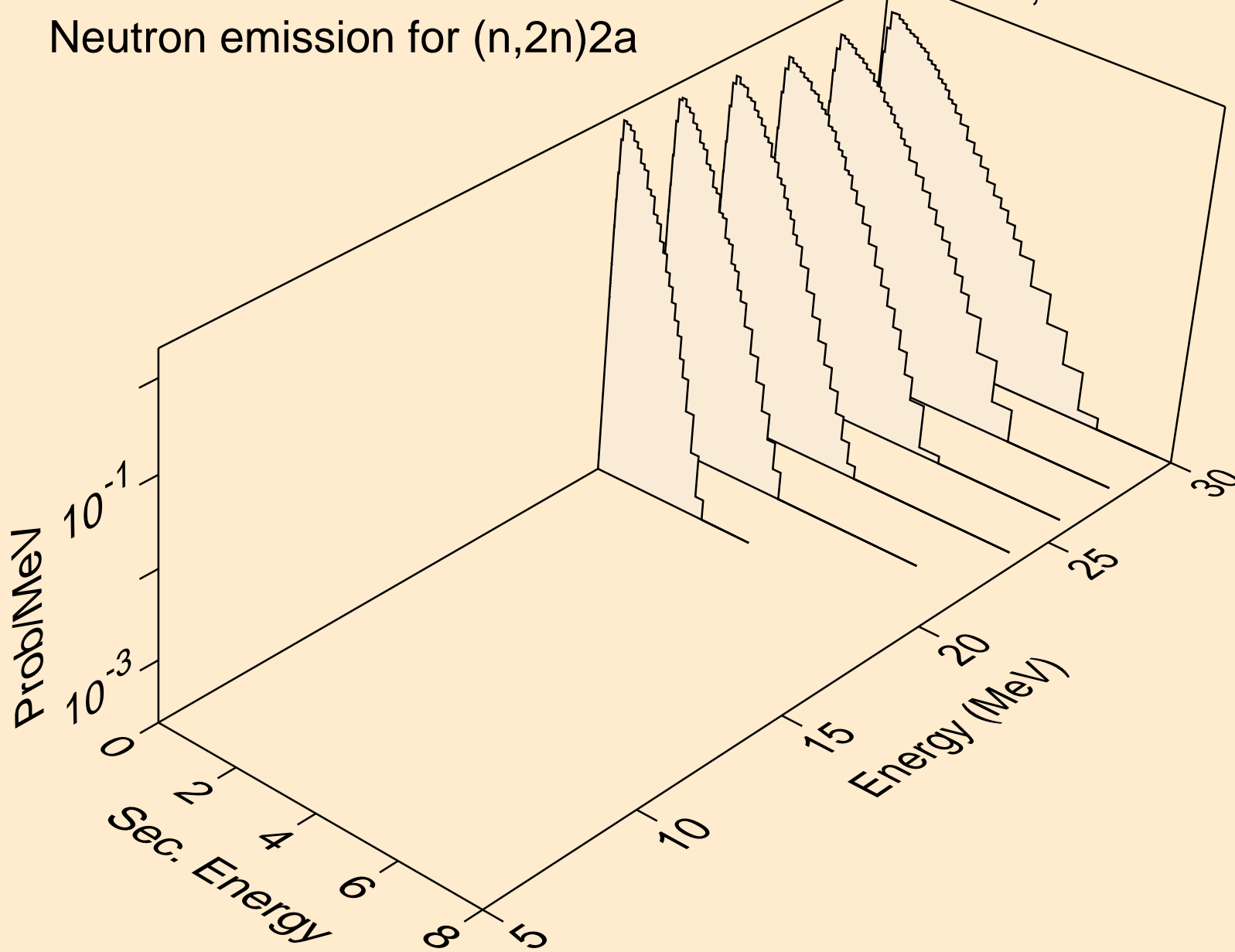
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



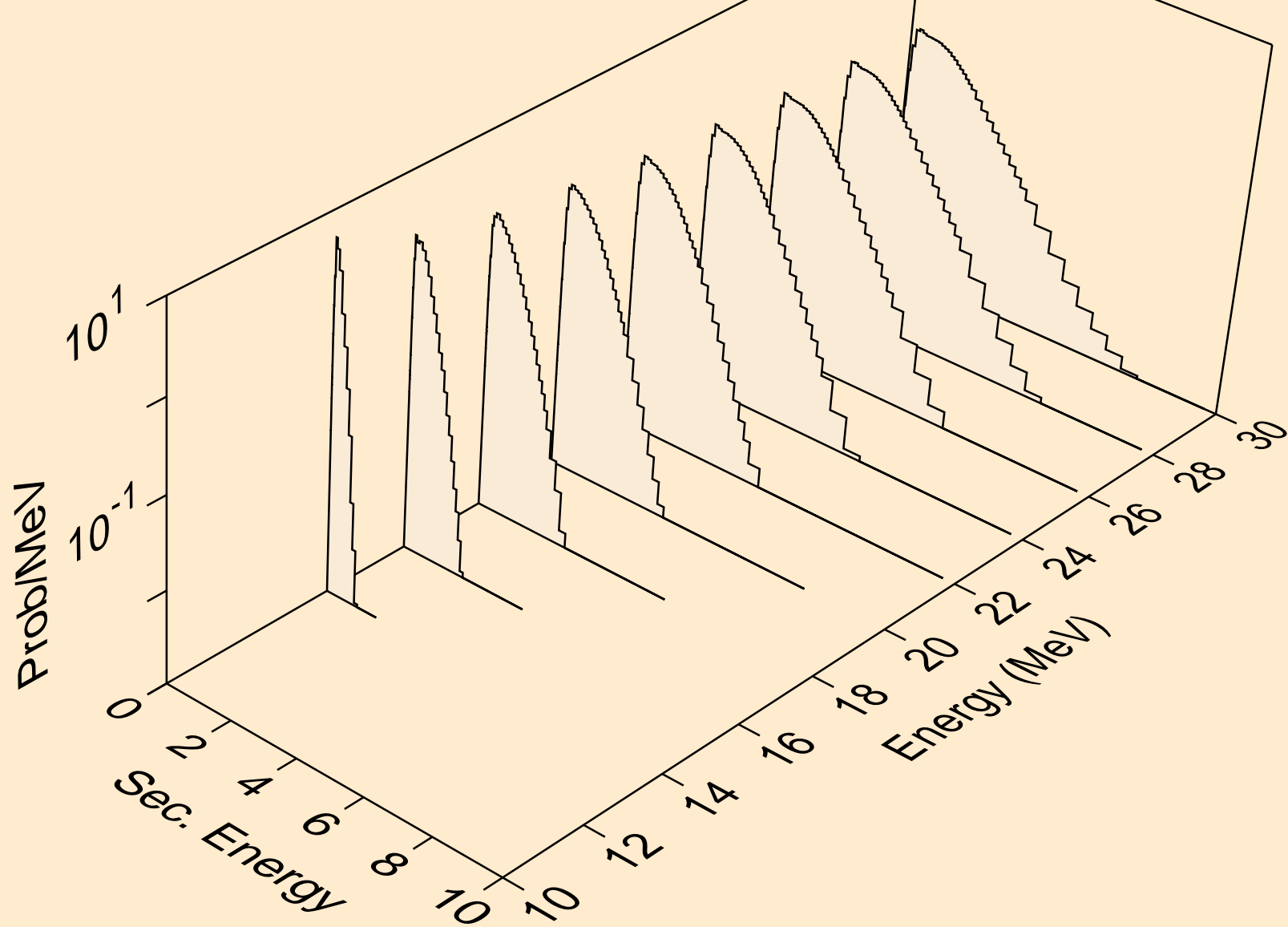
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Neutron emission for (n,n\*)2a



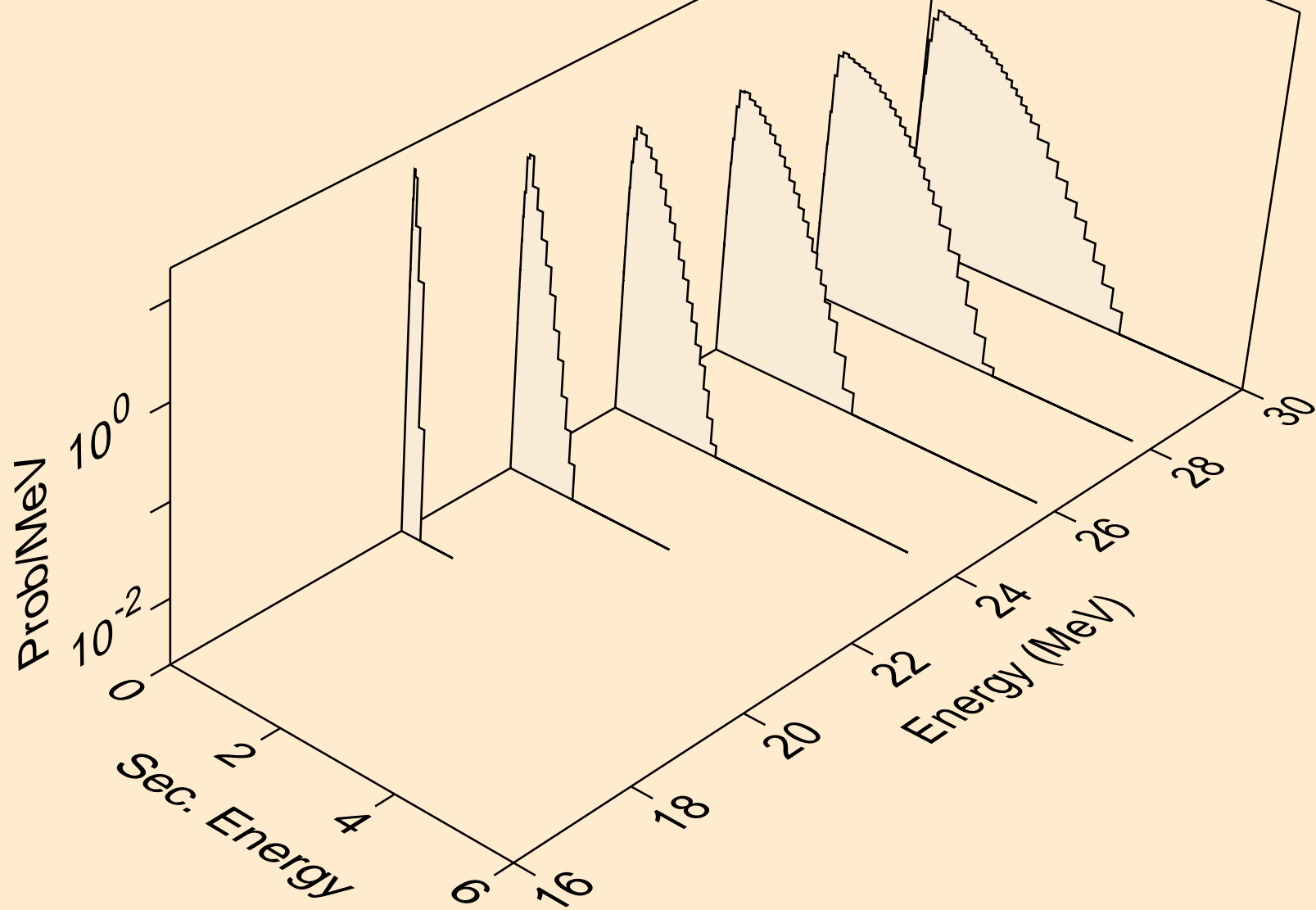
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



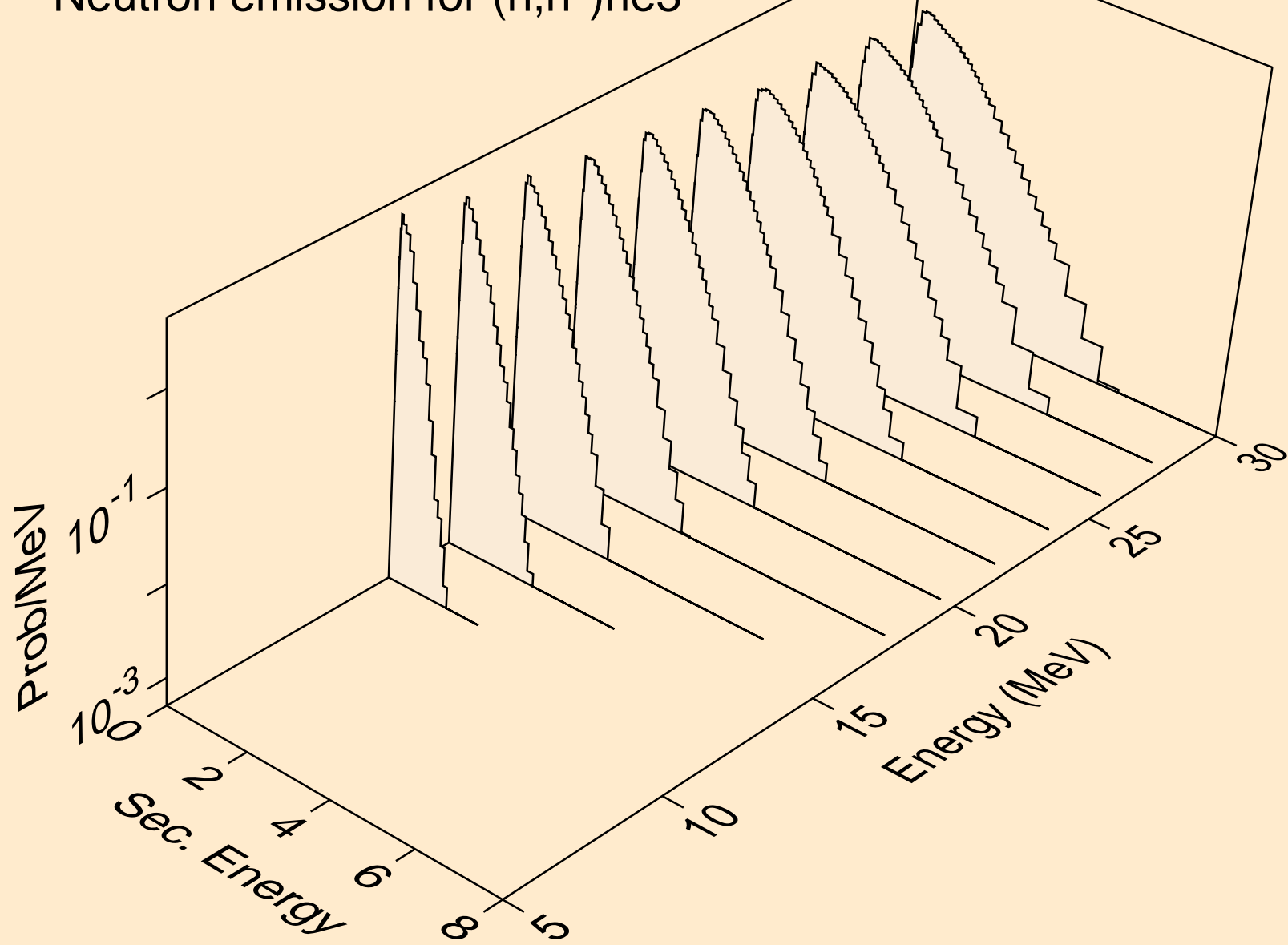
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

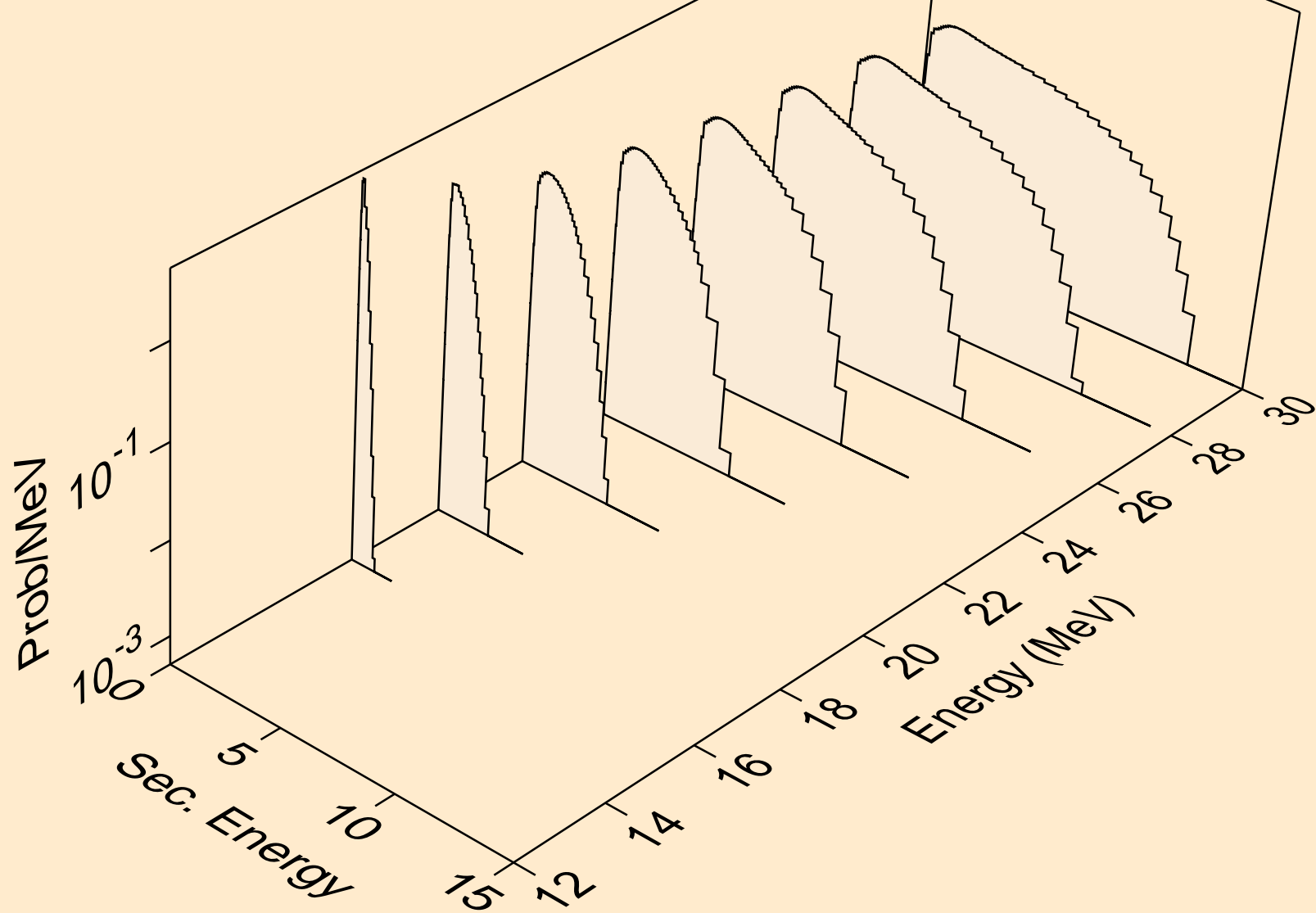


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

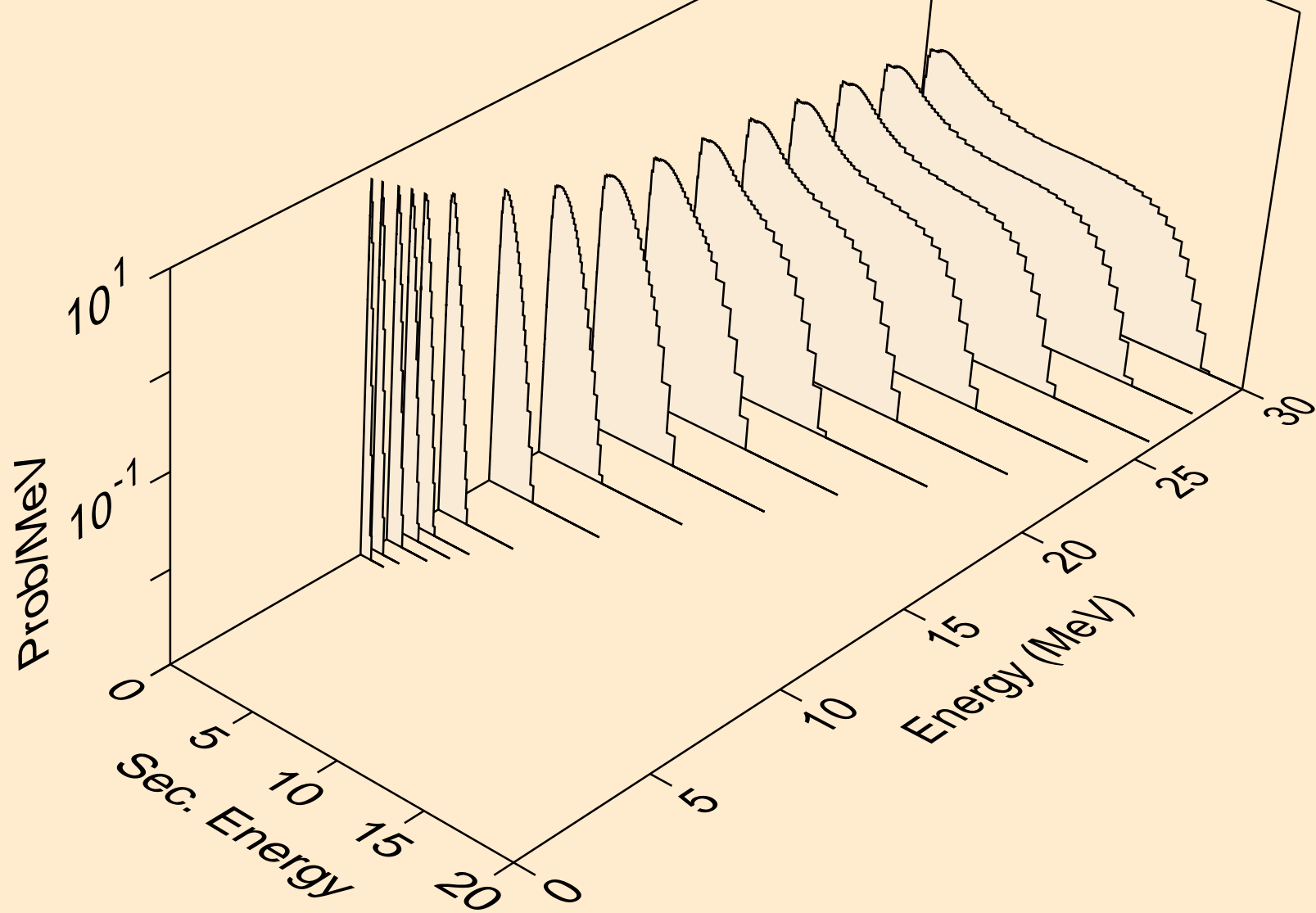




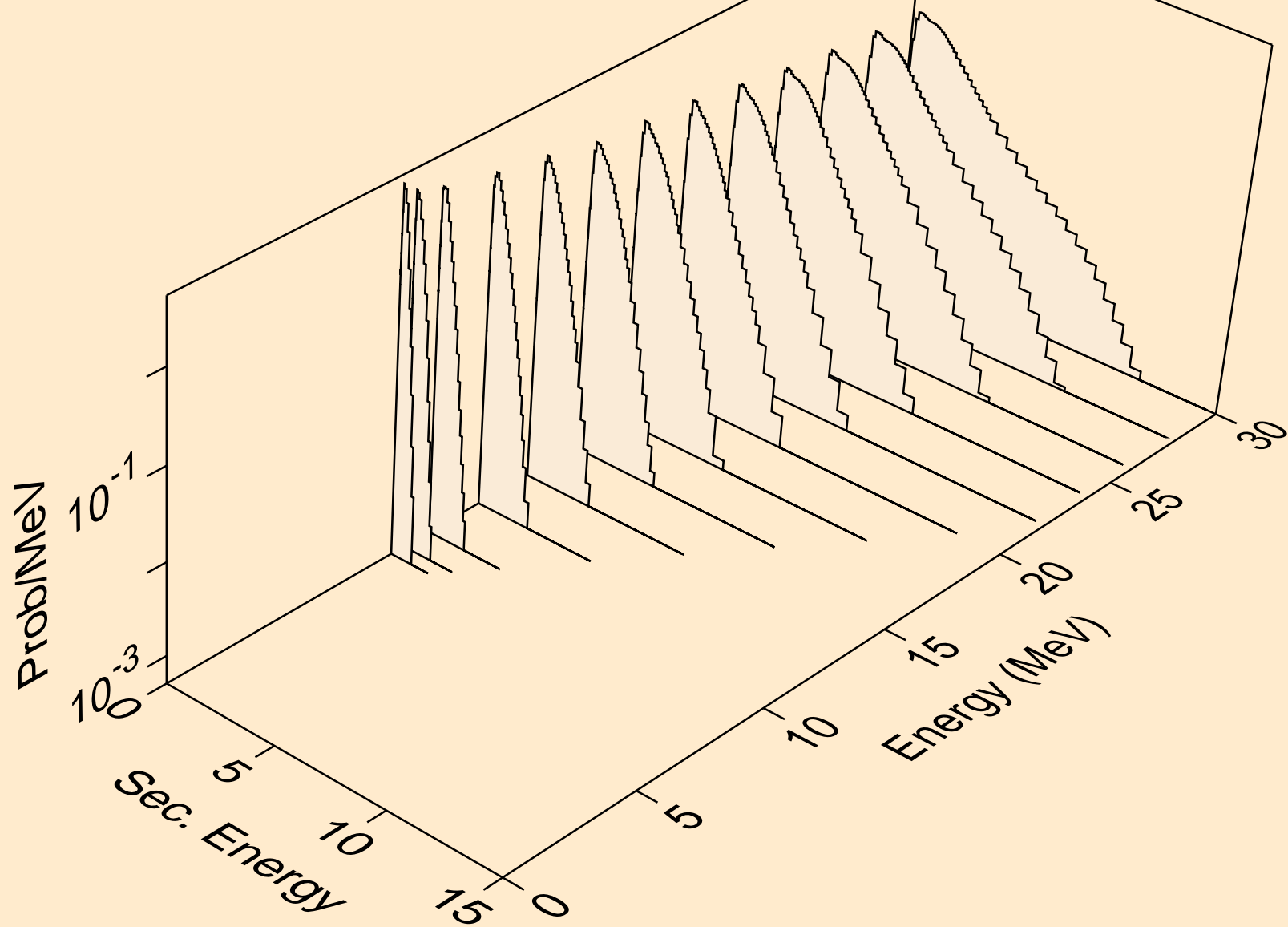
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



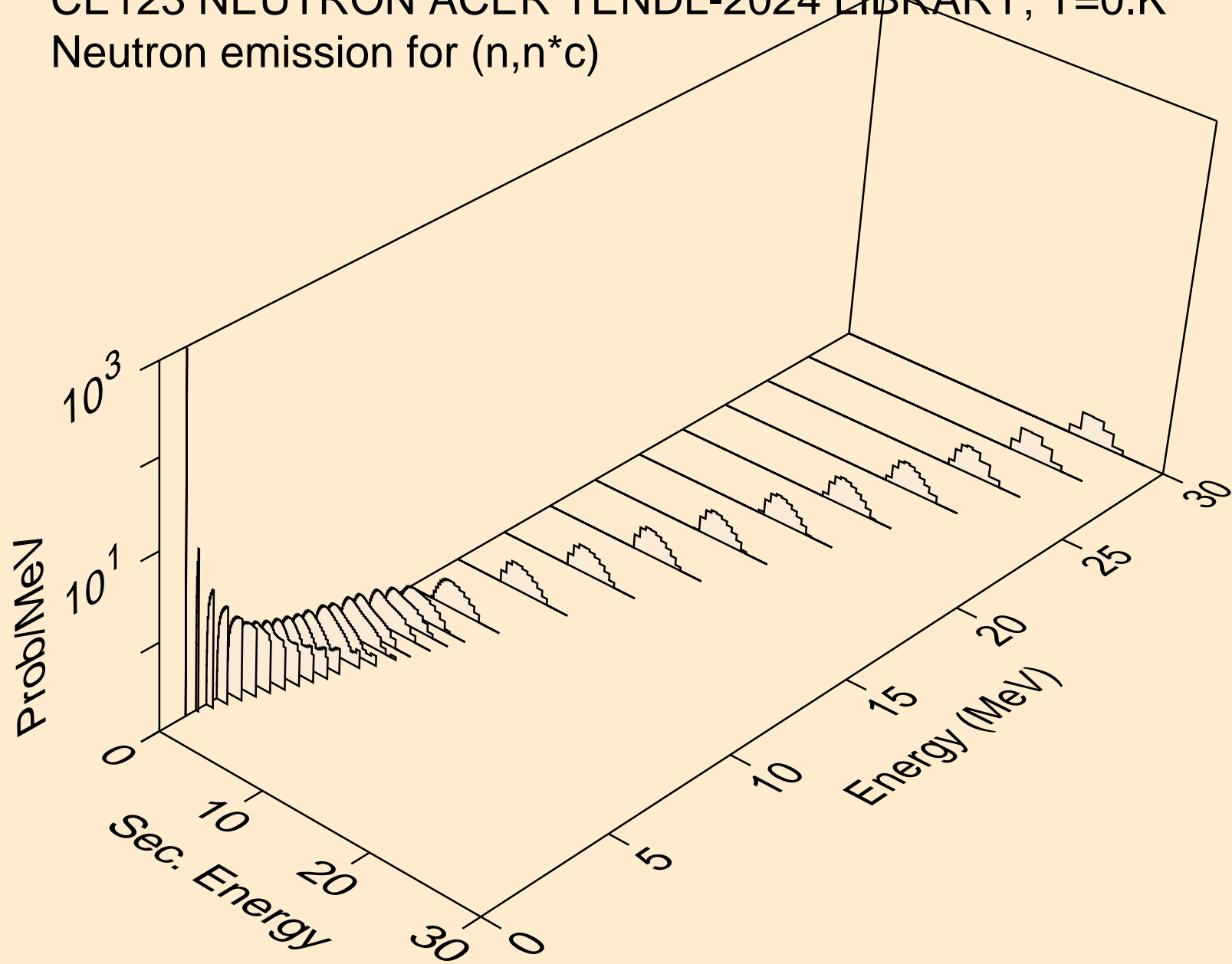
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Neutron emission for (n,n2p)



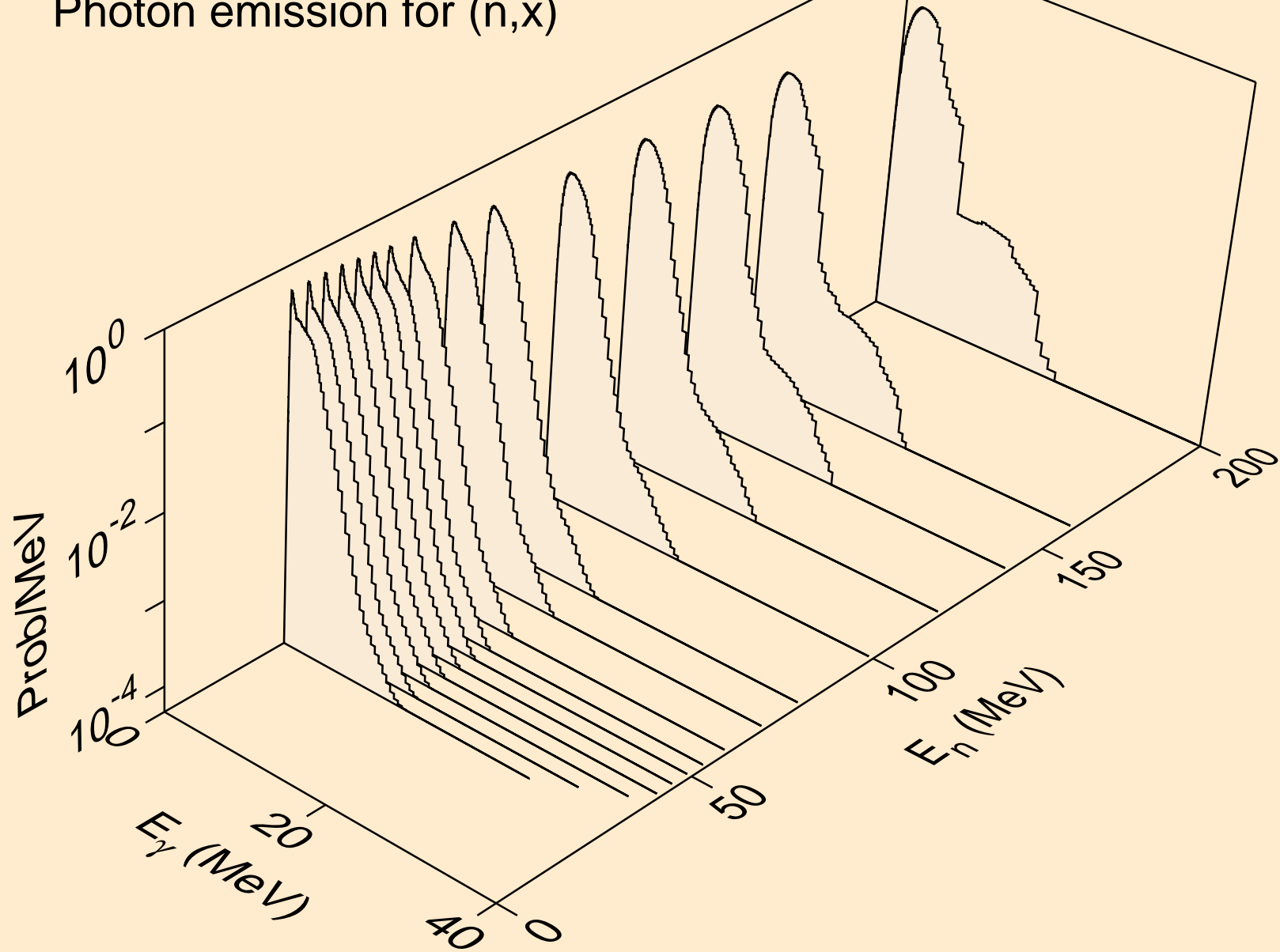
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Neutron emission for (n,npa)



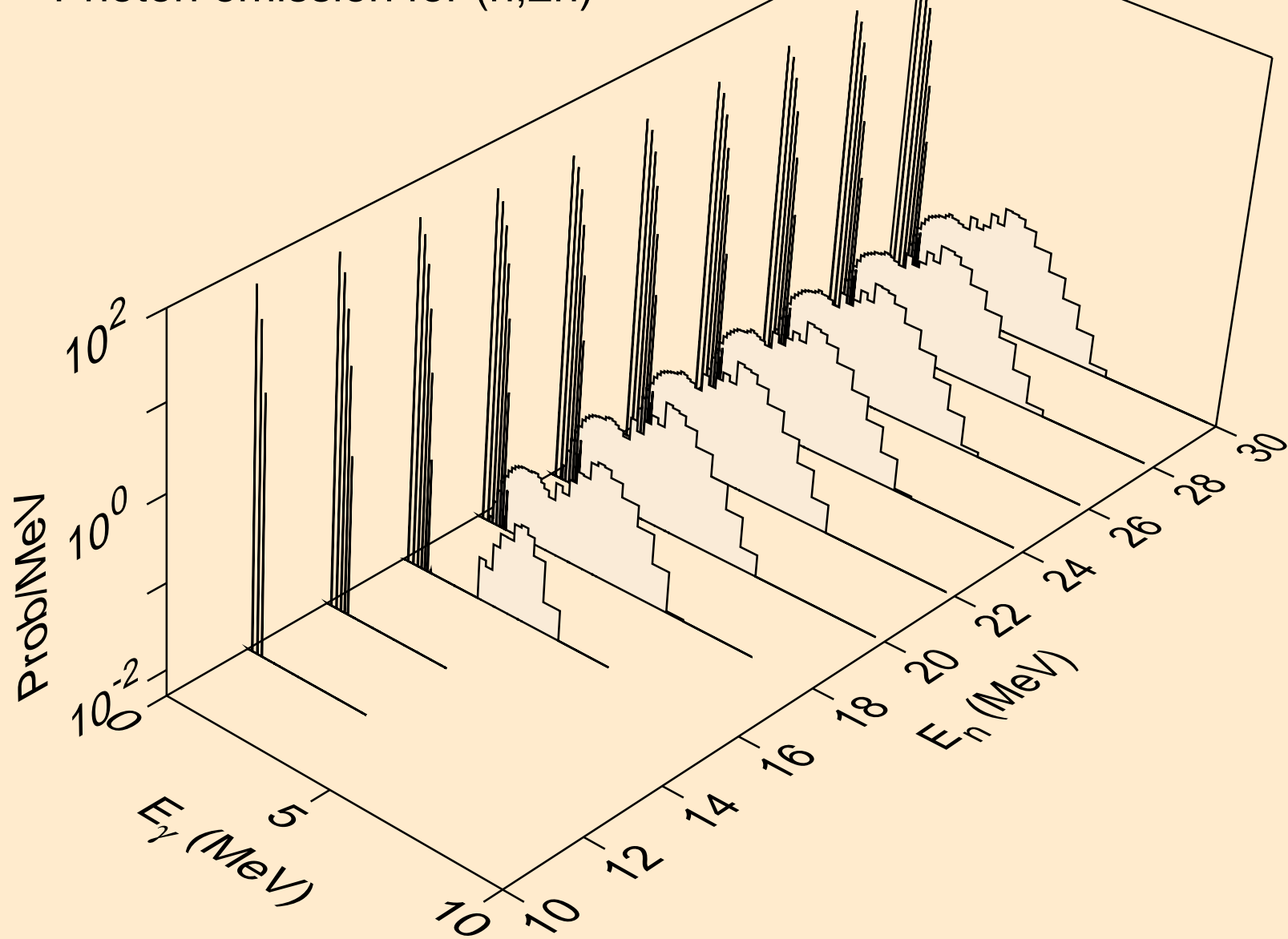
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



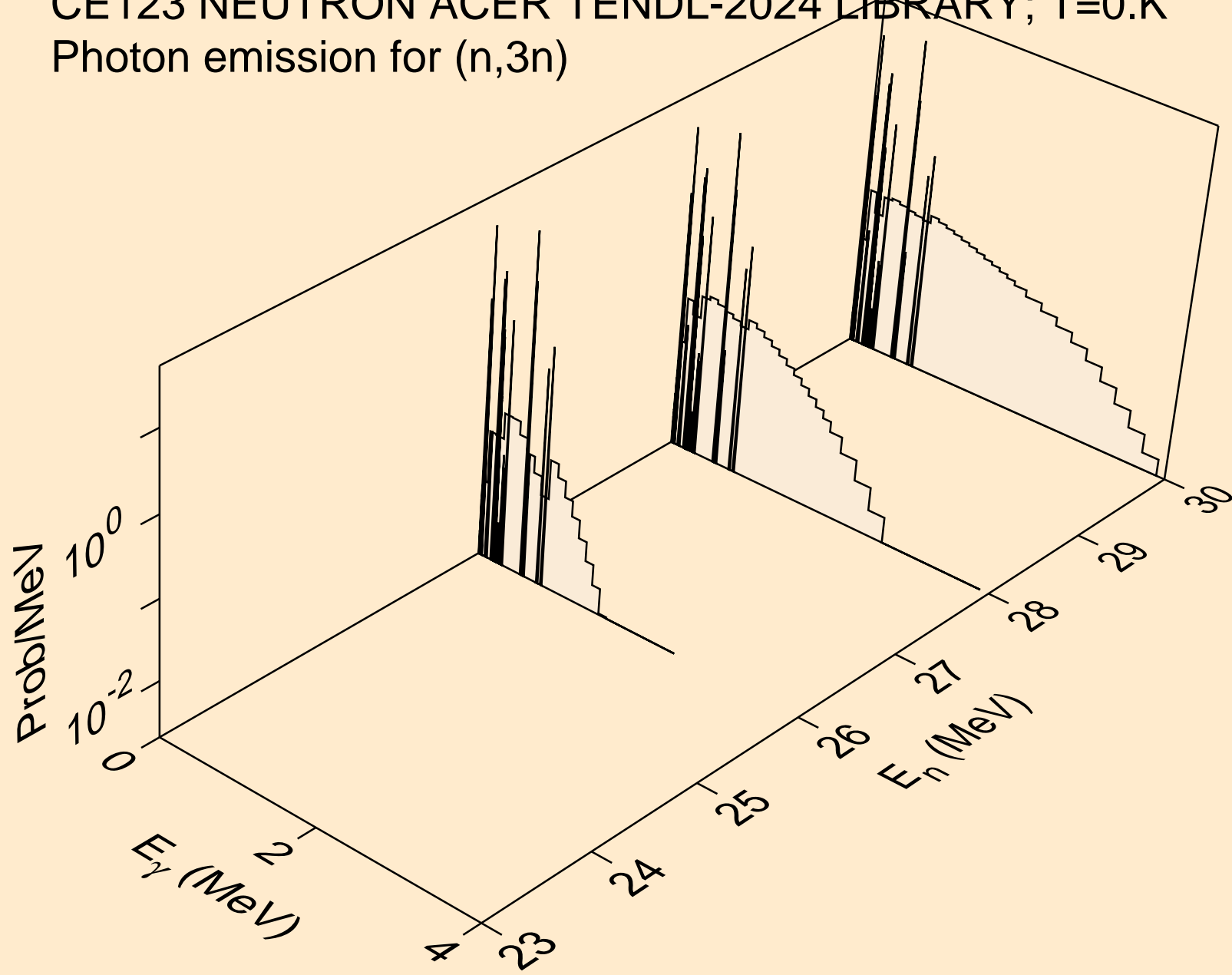
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Photon emission for (n,x)



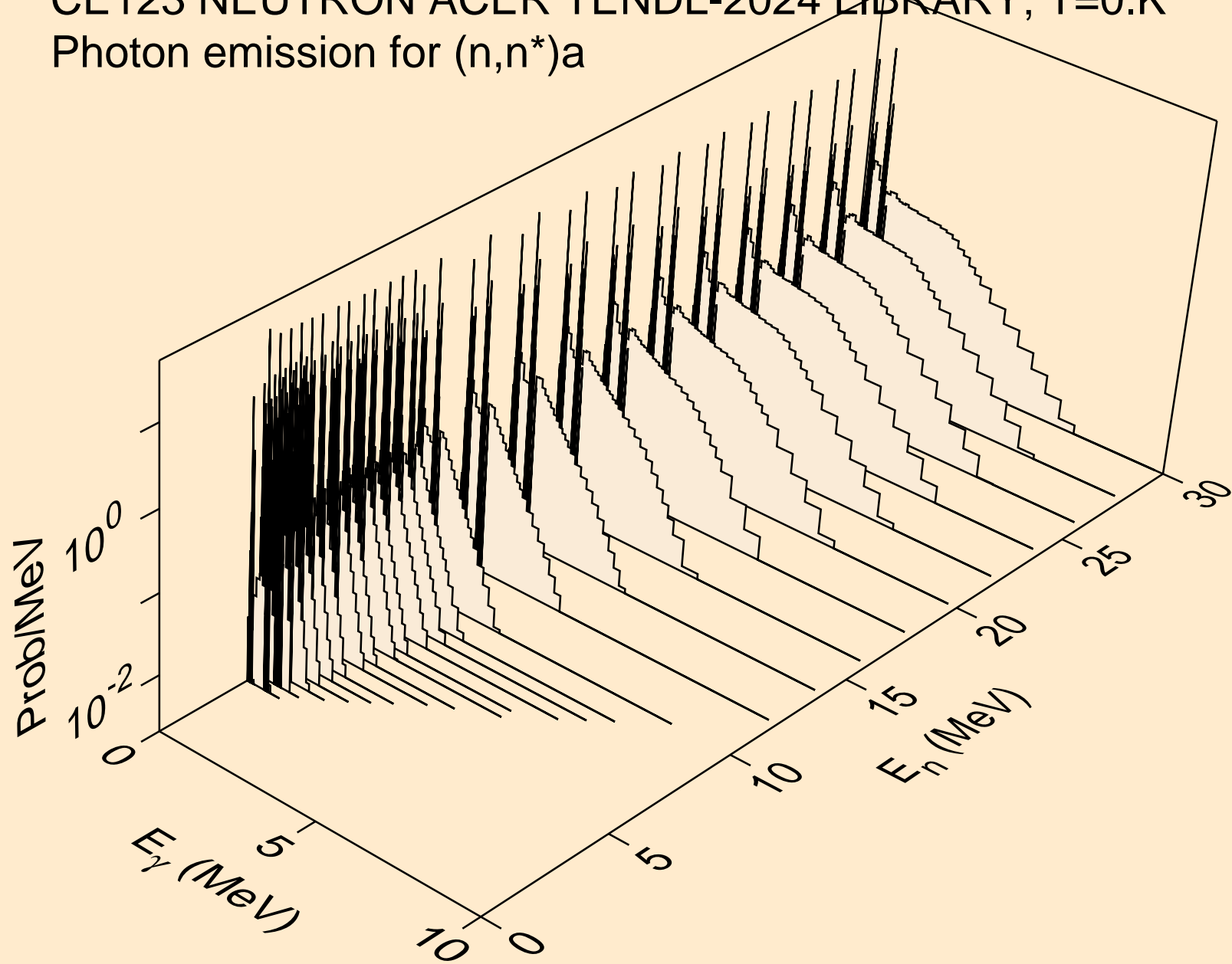
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

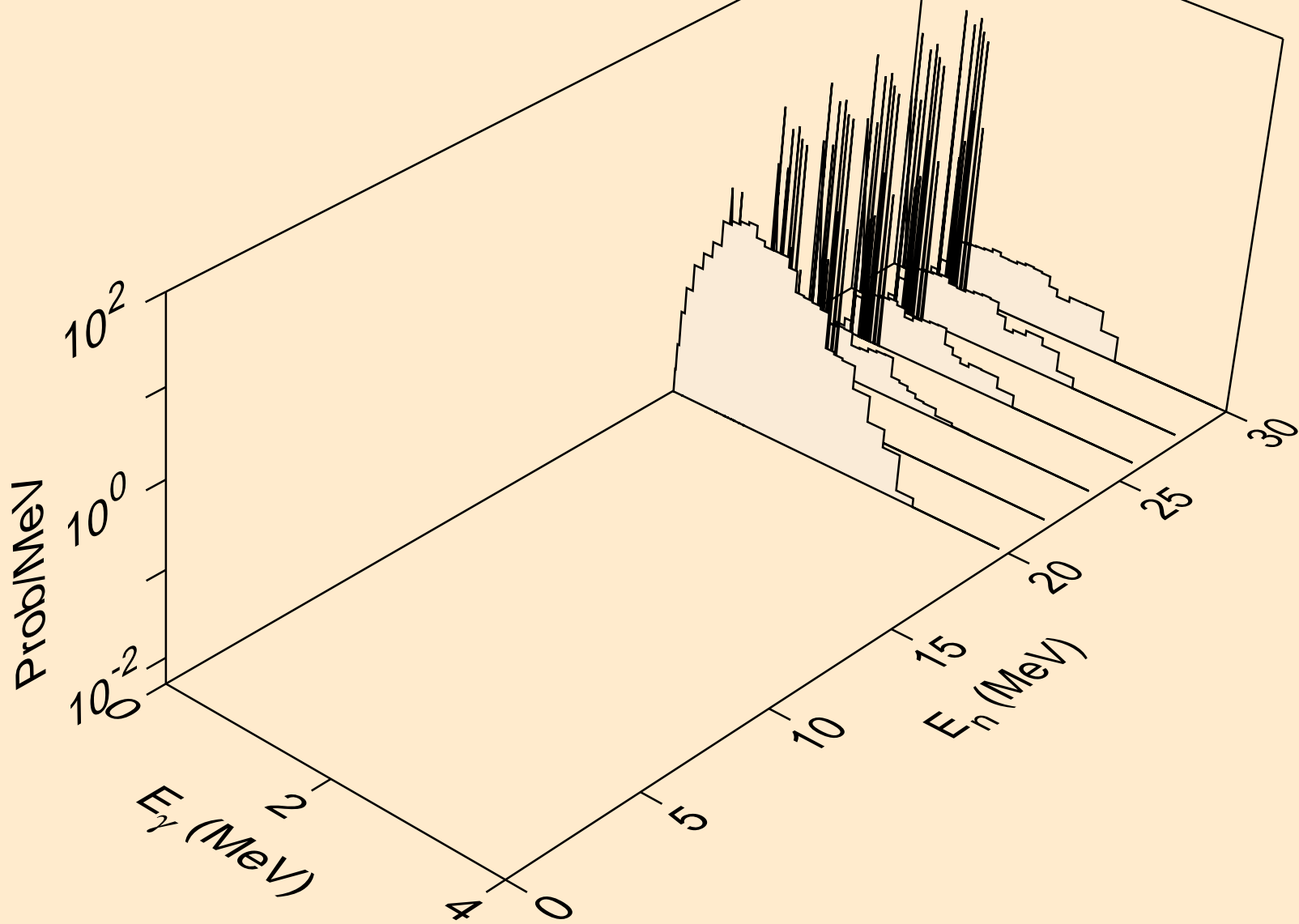


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

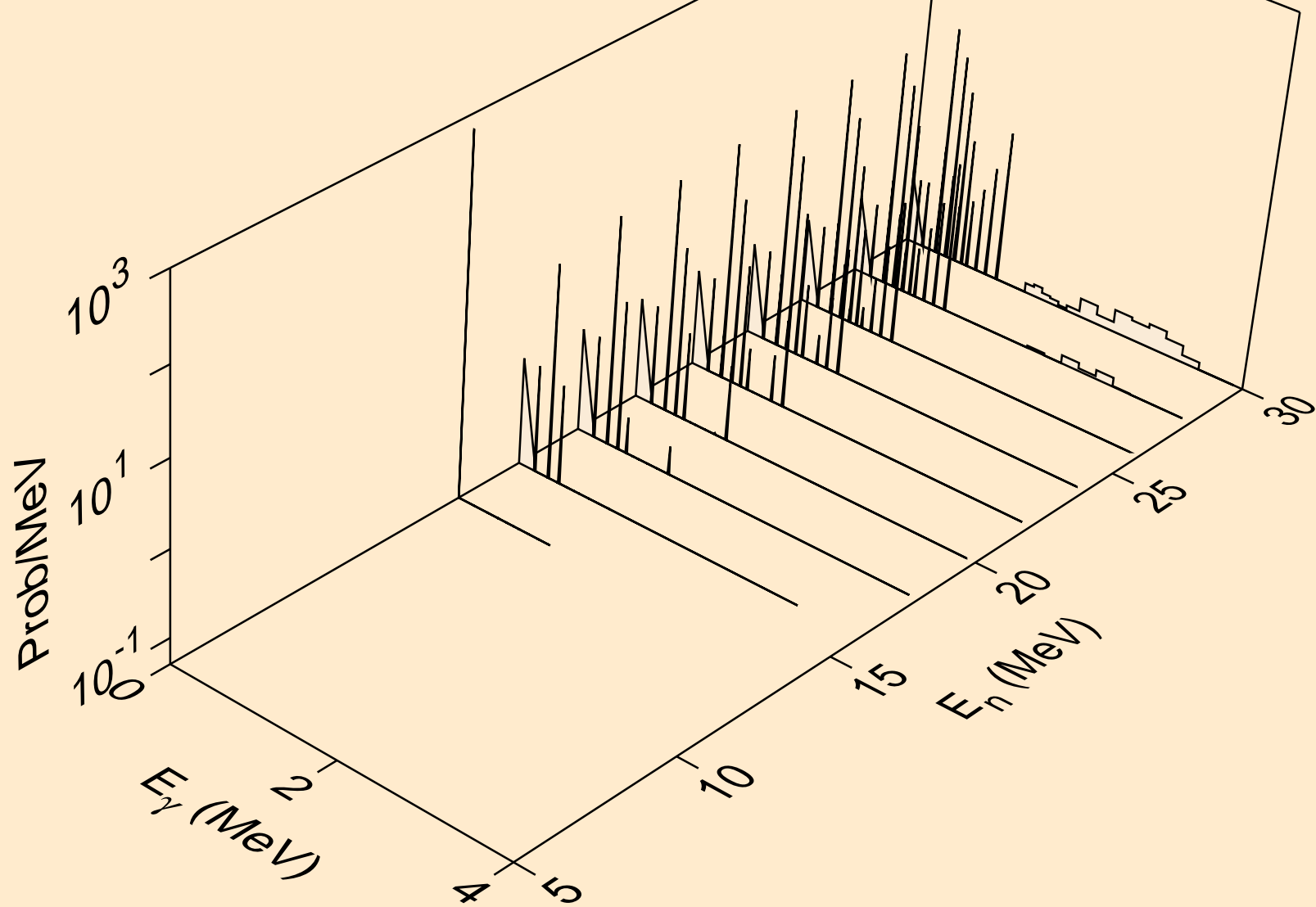




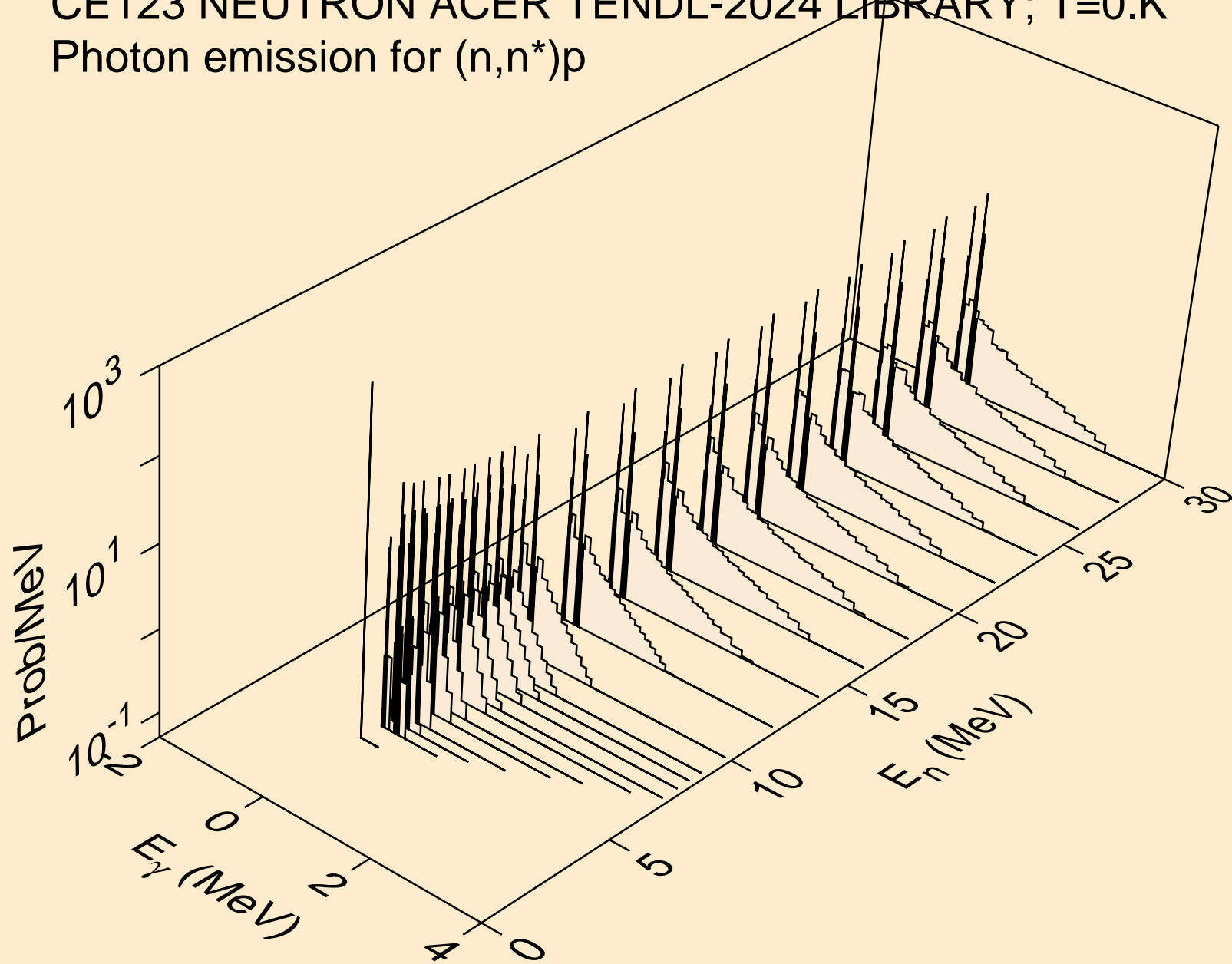
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



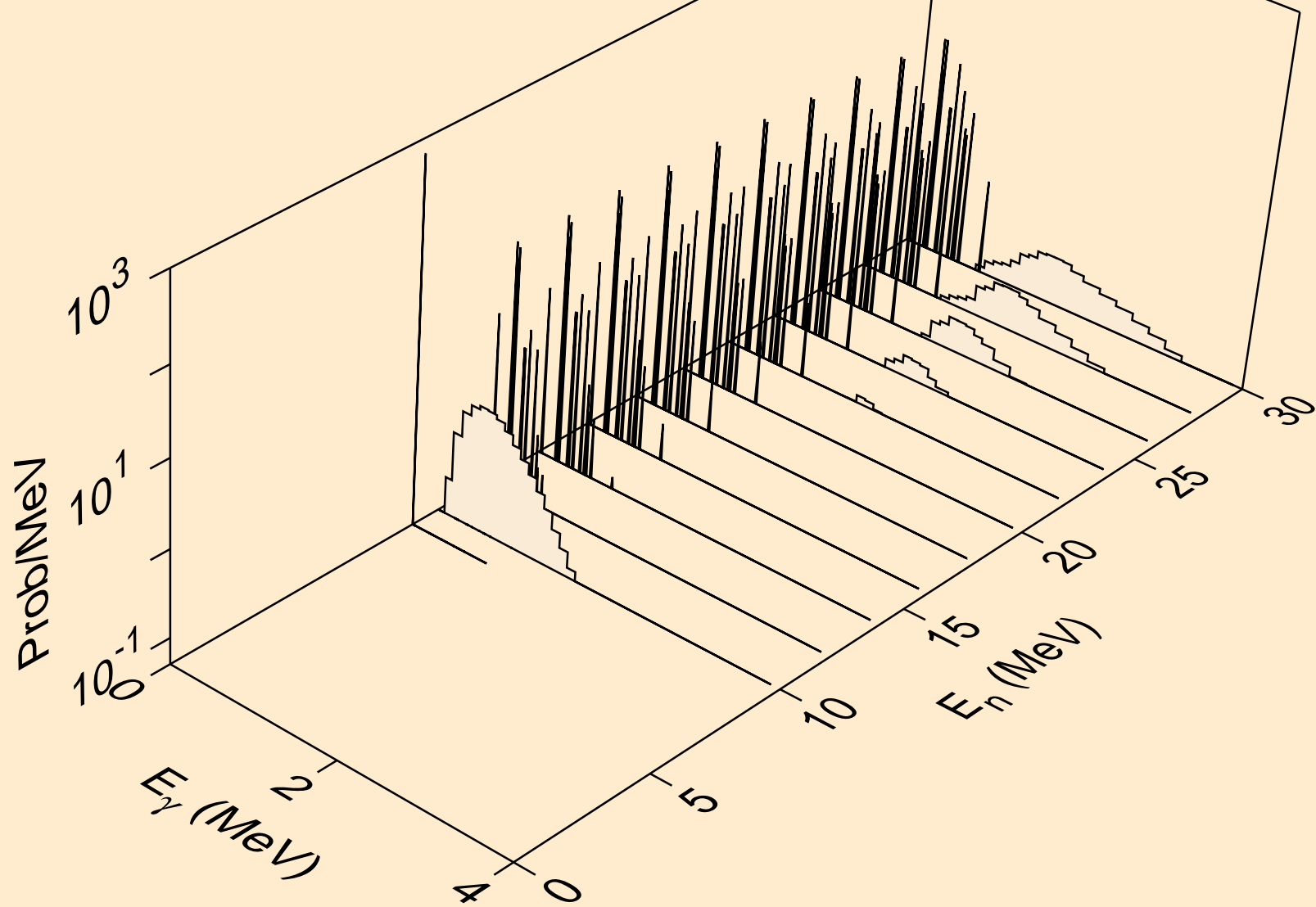
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



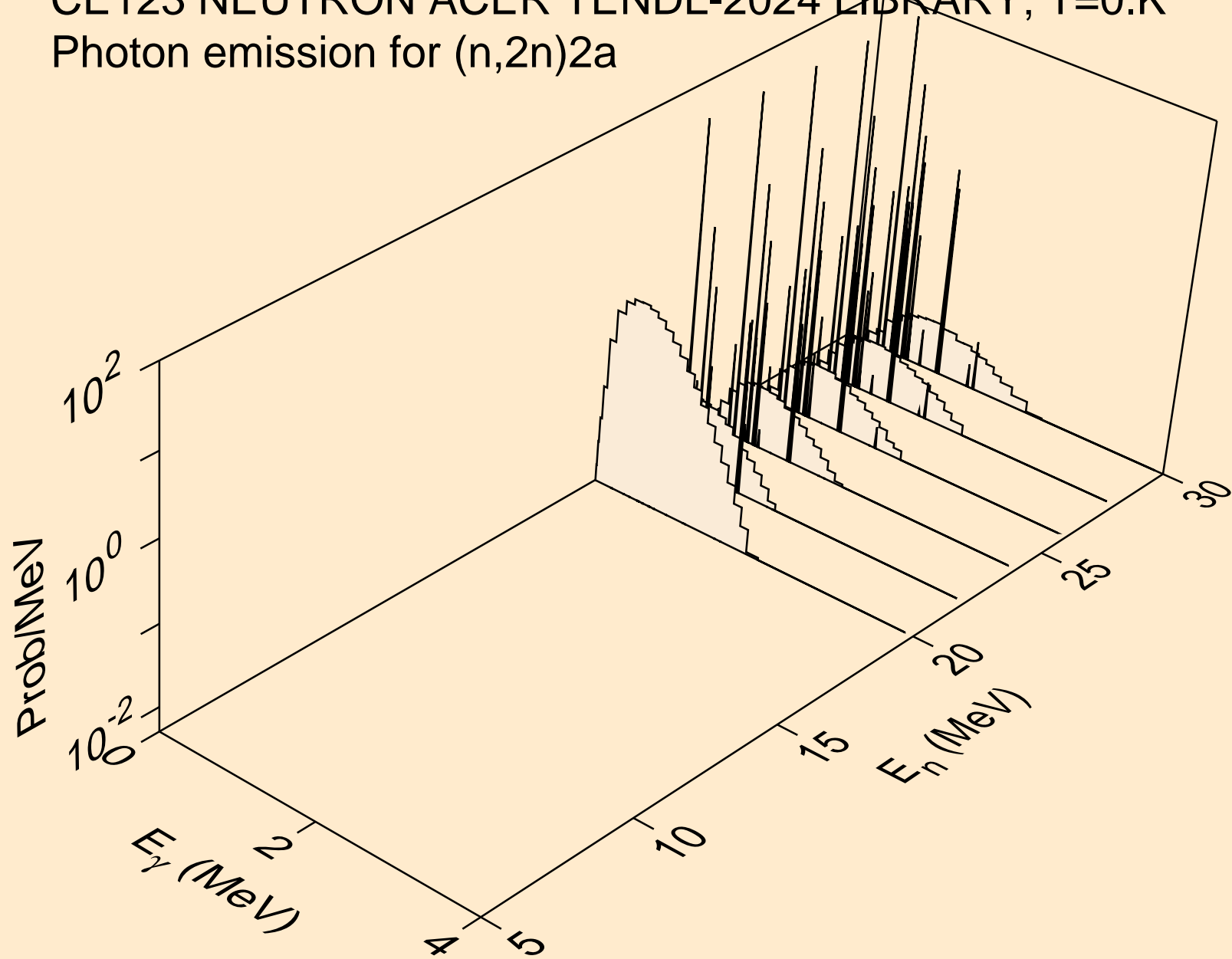
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Photon emission for (n,n\*)p



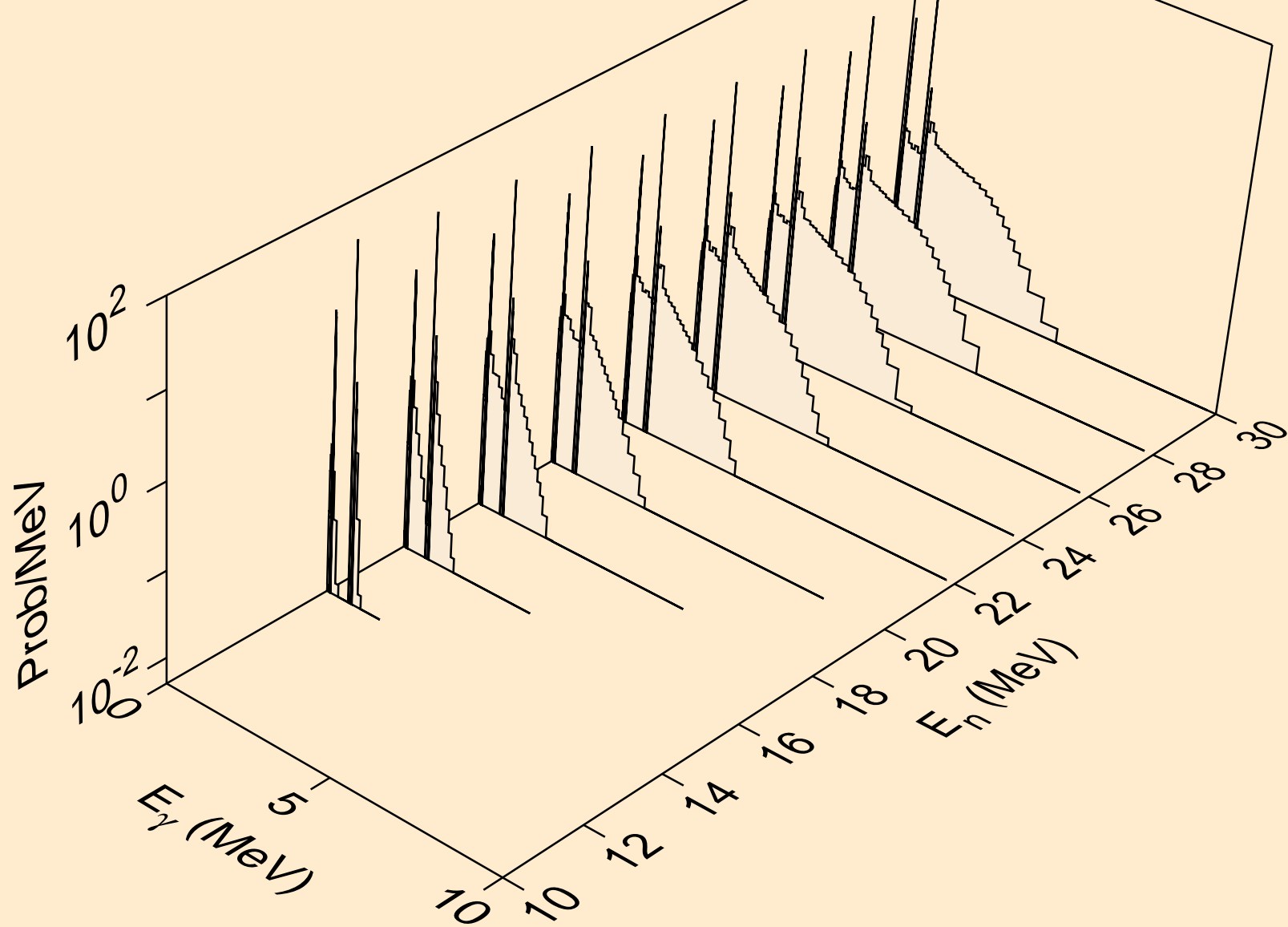
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Photon emission for (n,n\*)2a



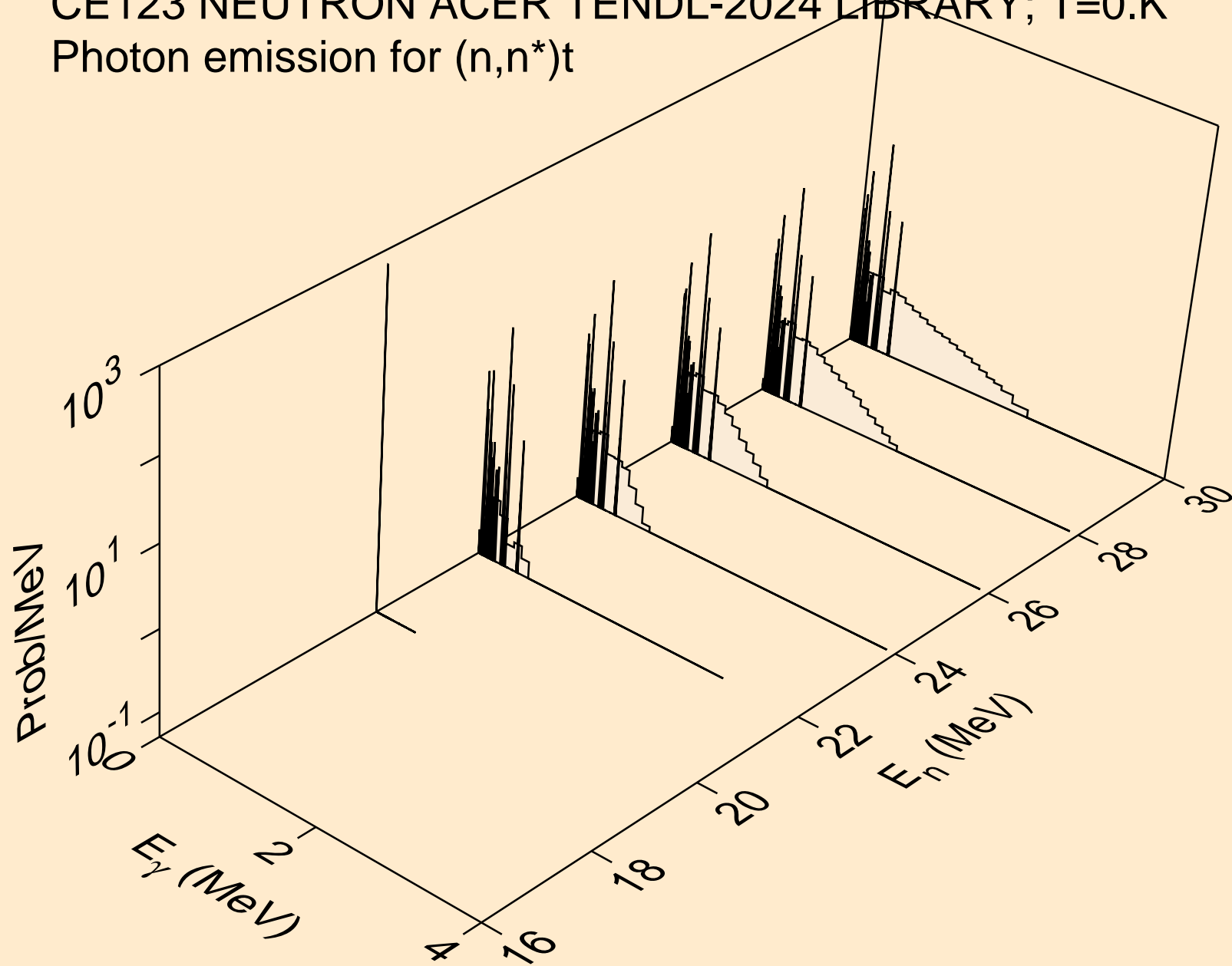
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



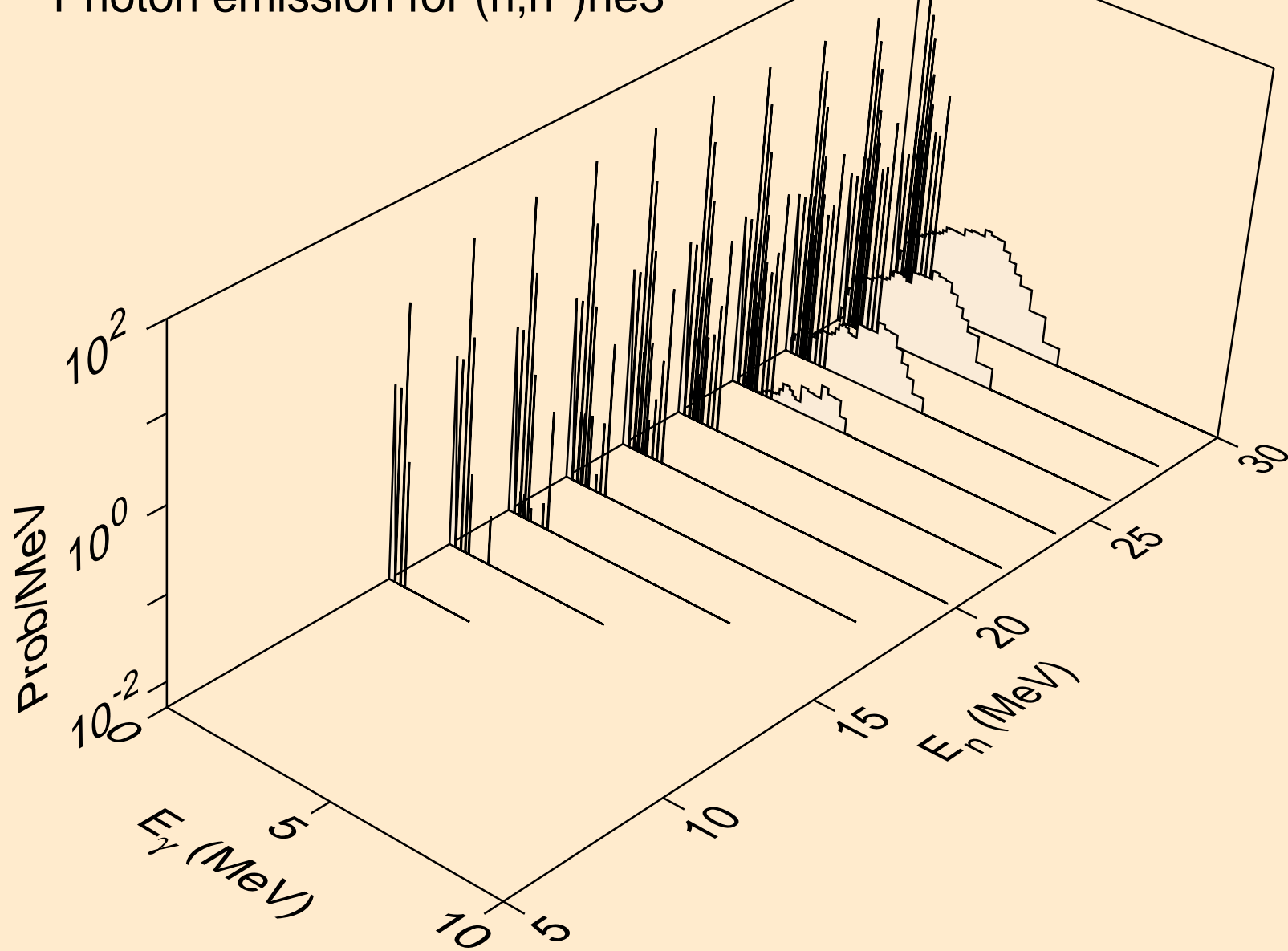
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

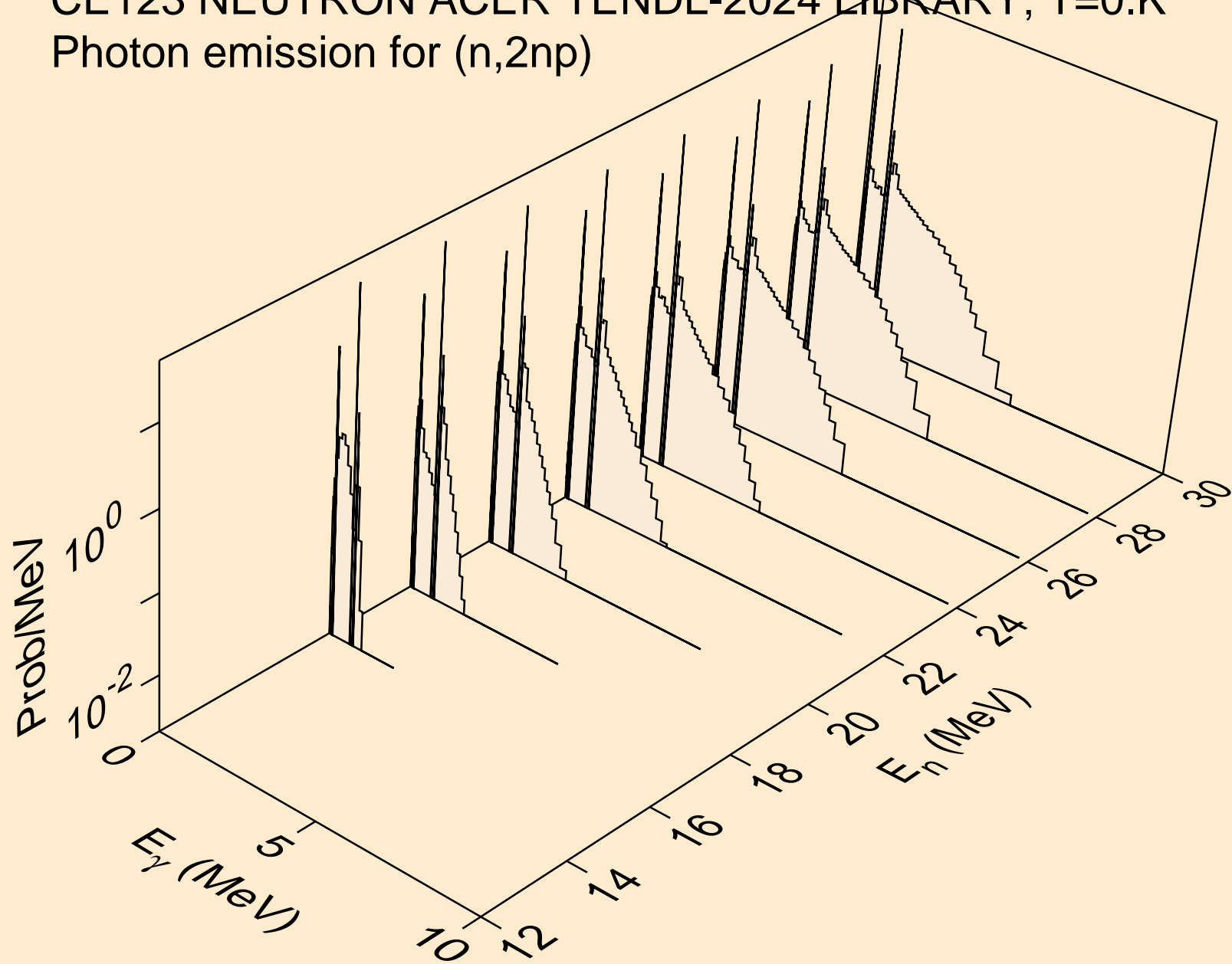


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

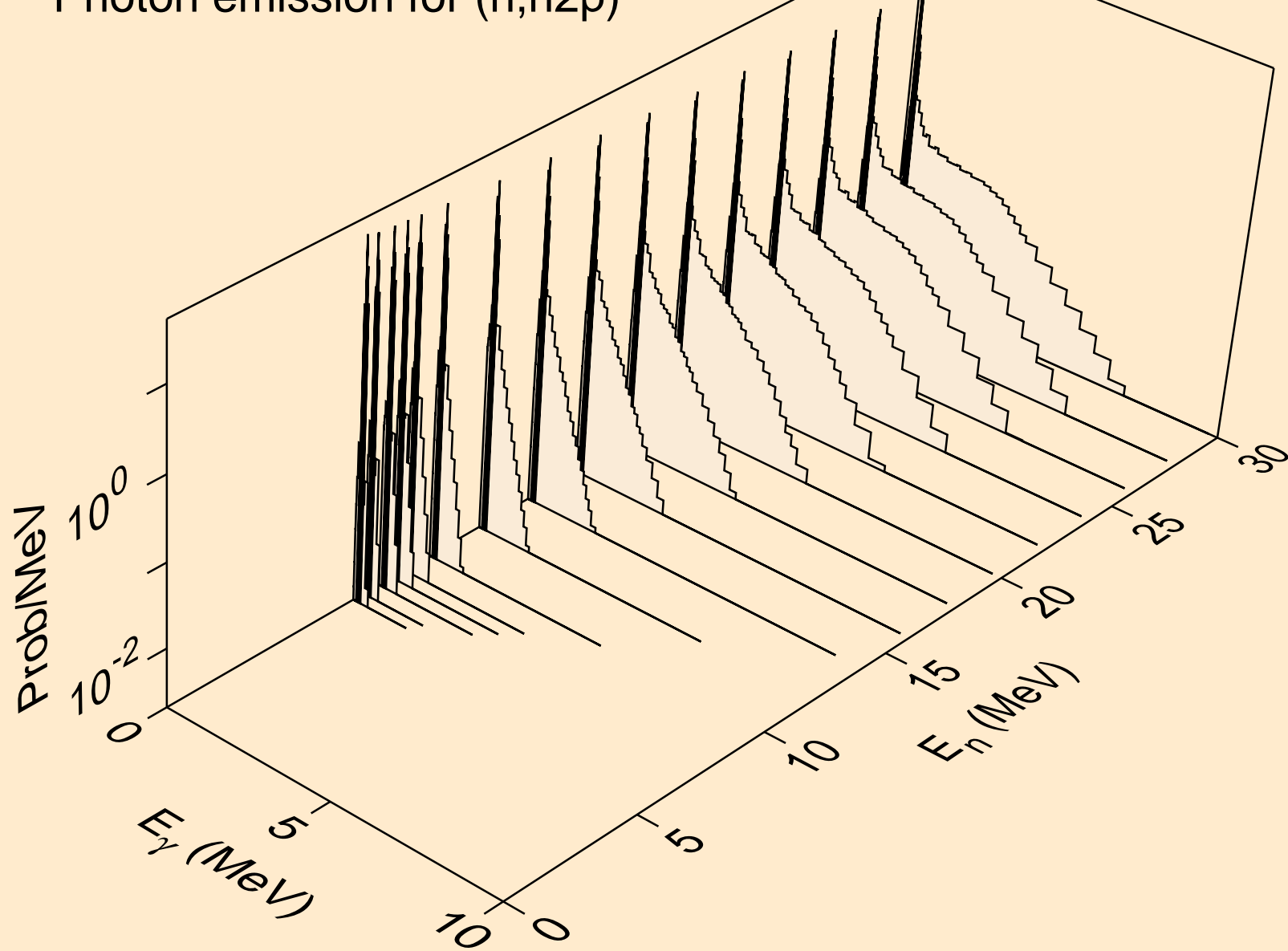




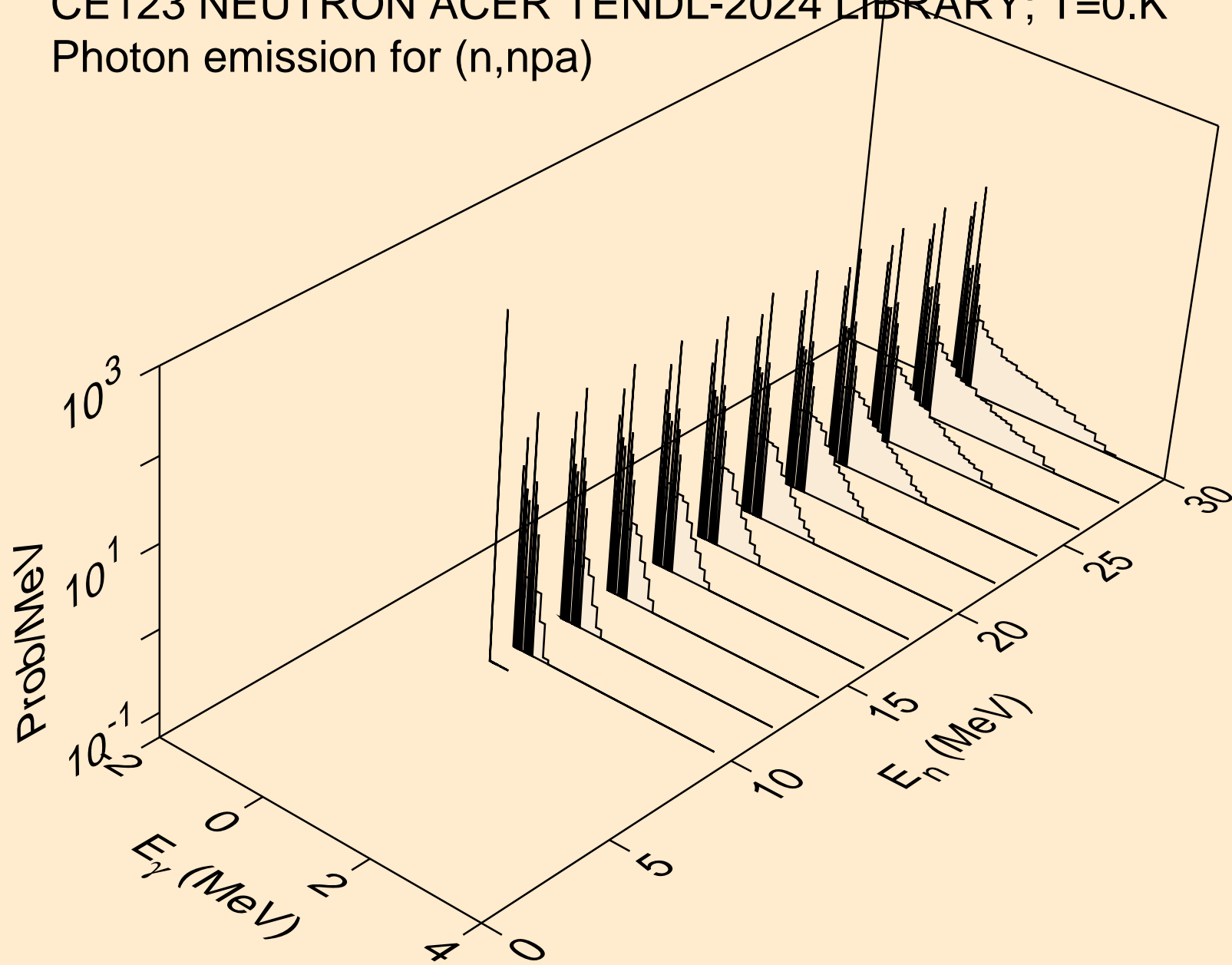
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



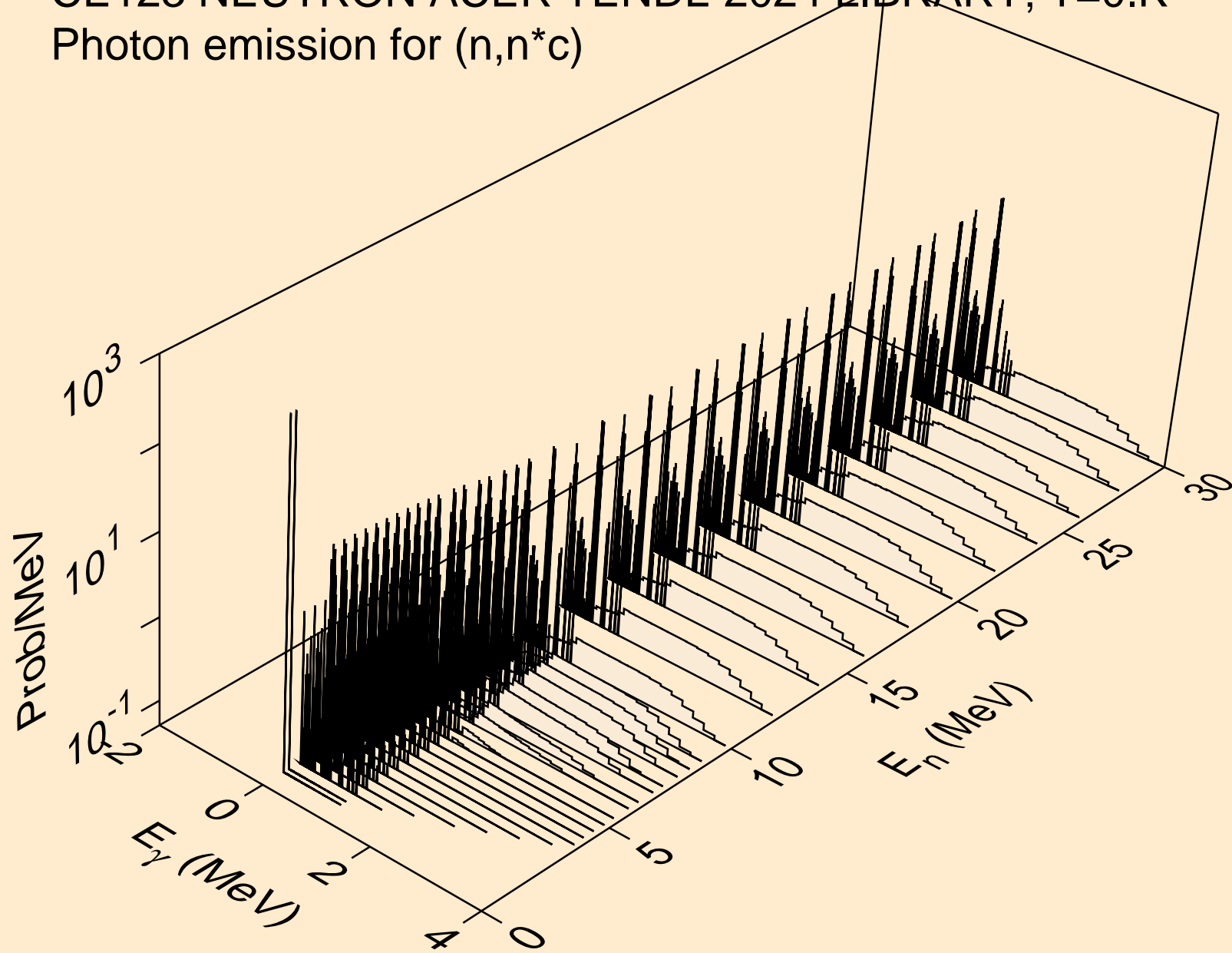
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Photon emission for (n,n2p)



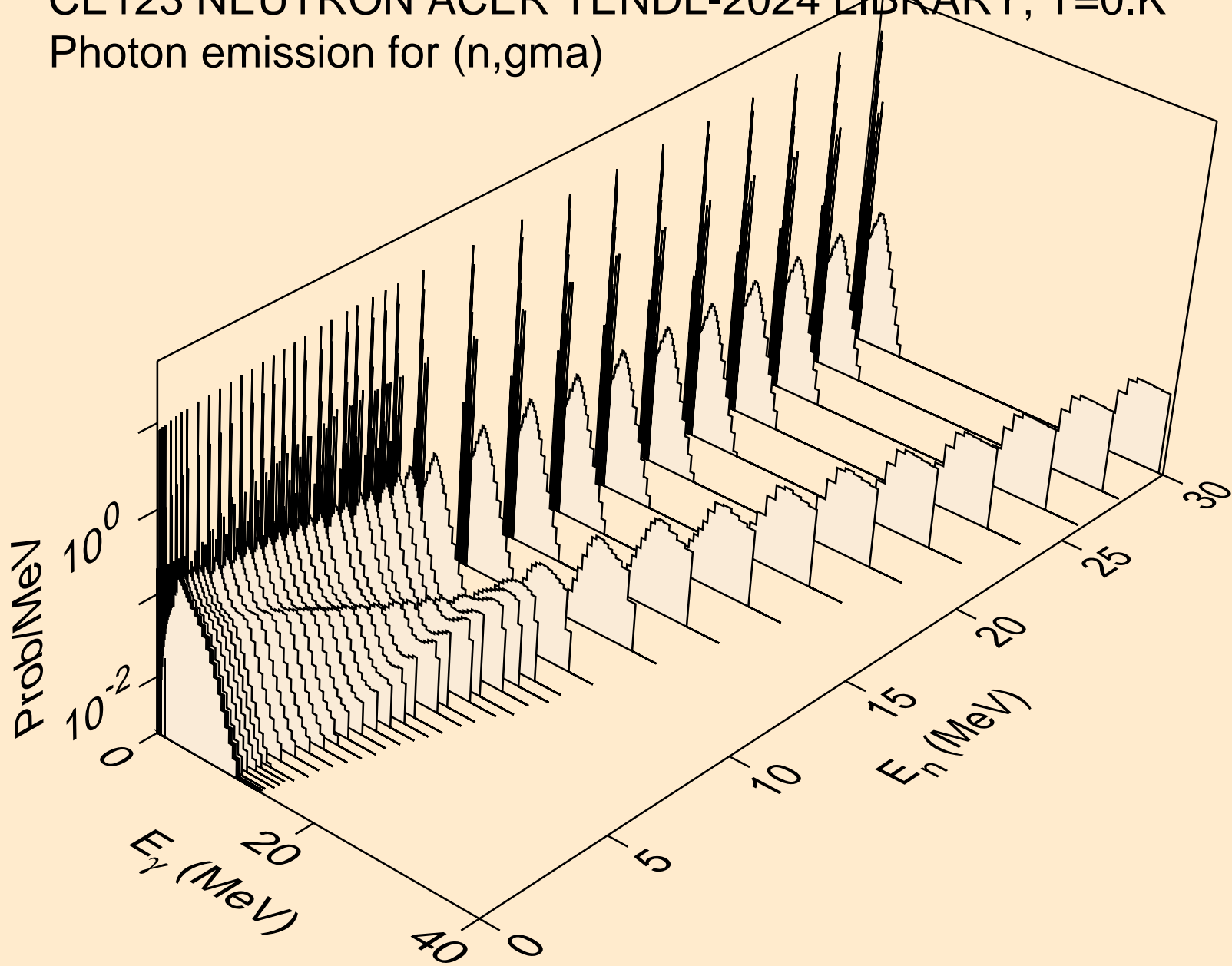
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Photon emission for (n,npa)



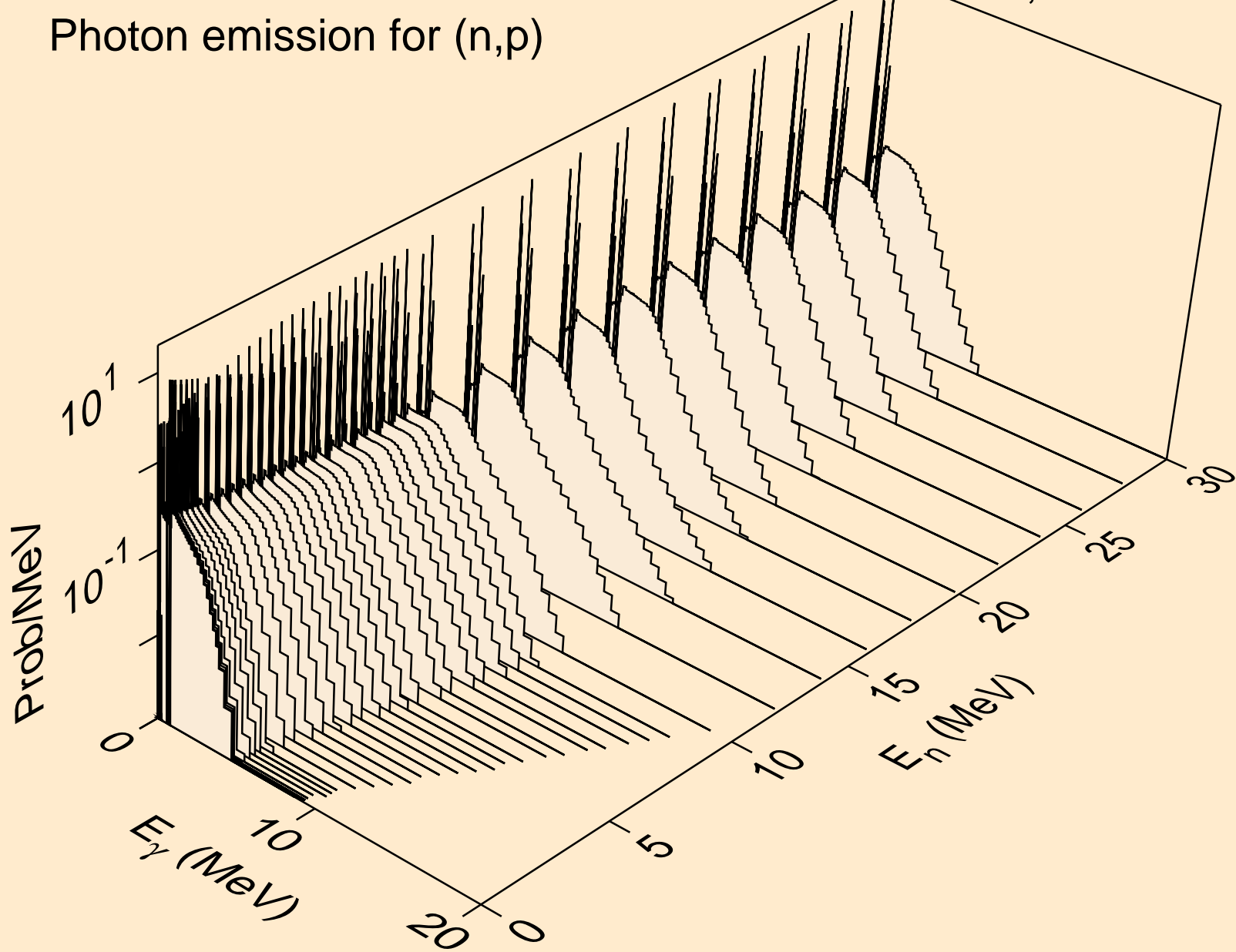
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



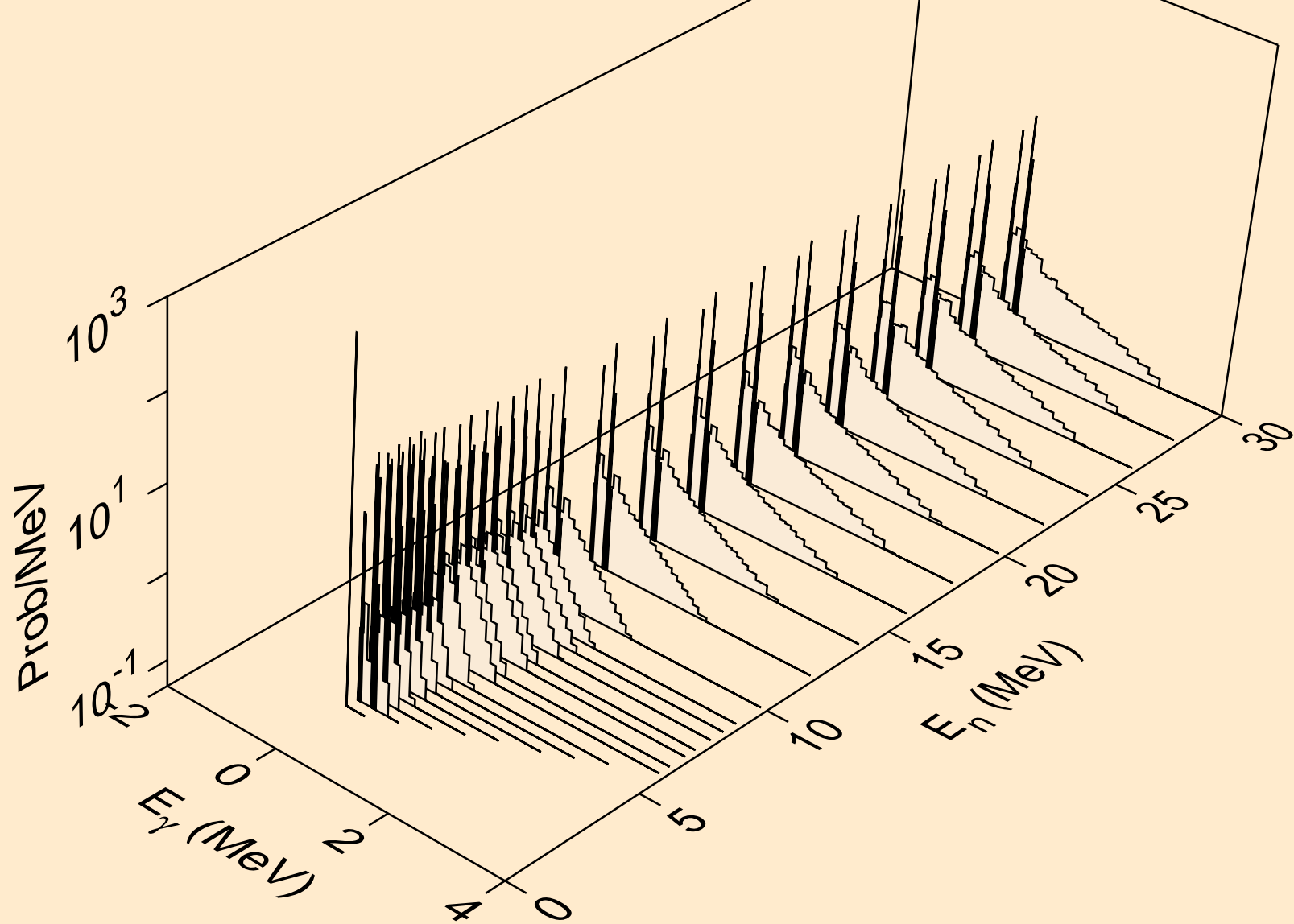
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Photon emission for (n,gma)



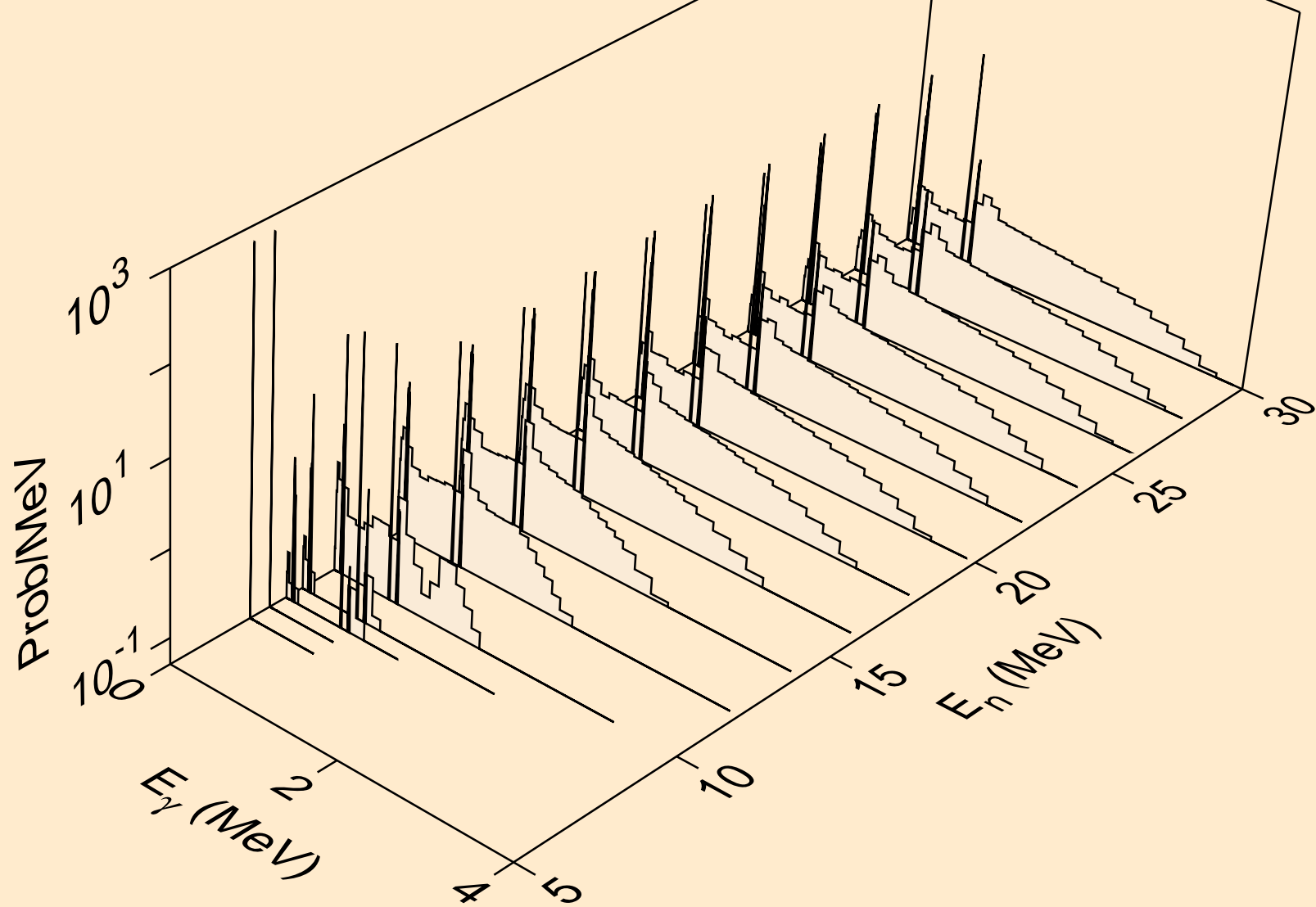
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

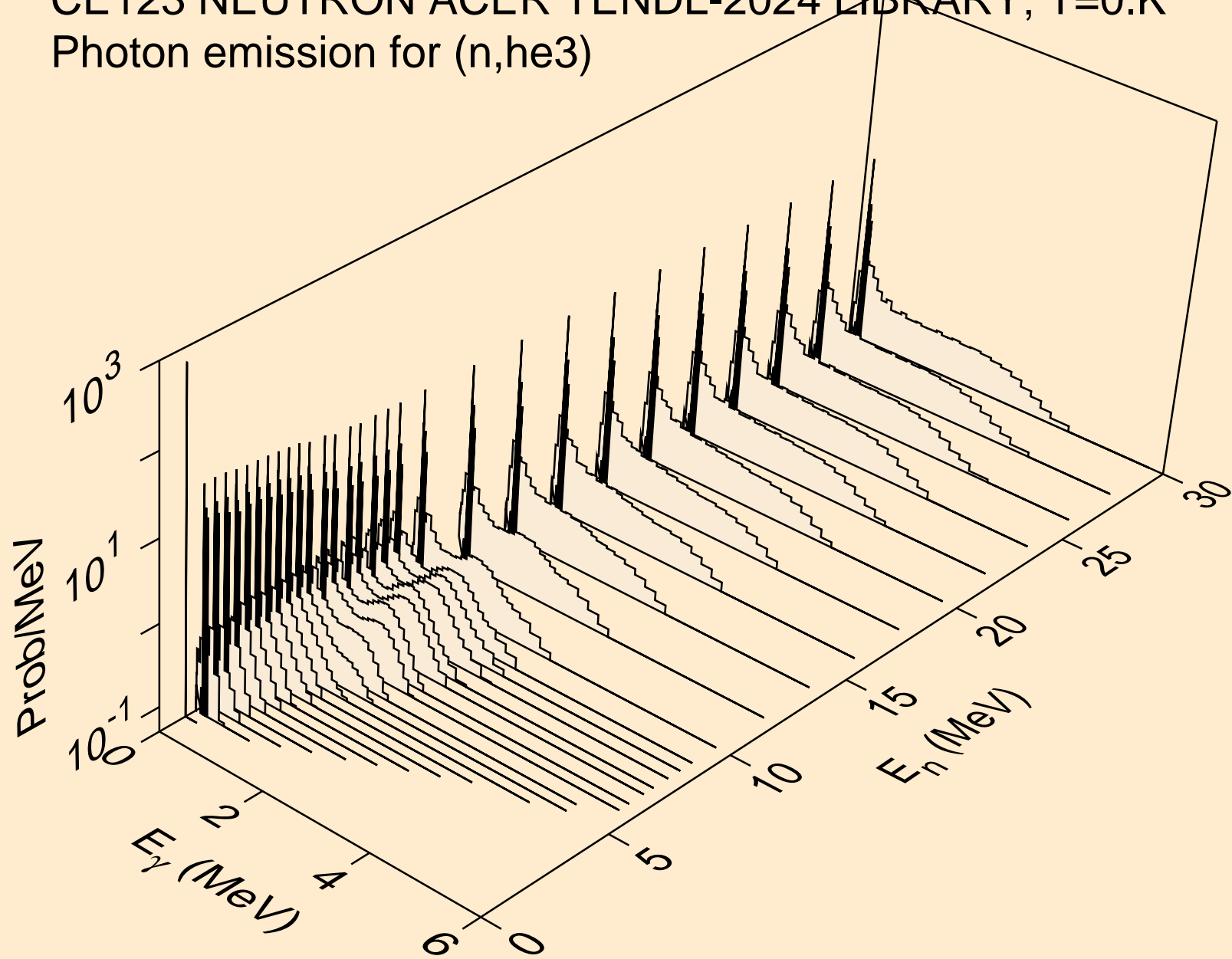


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

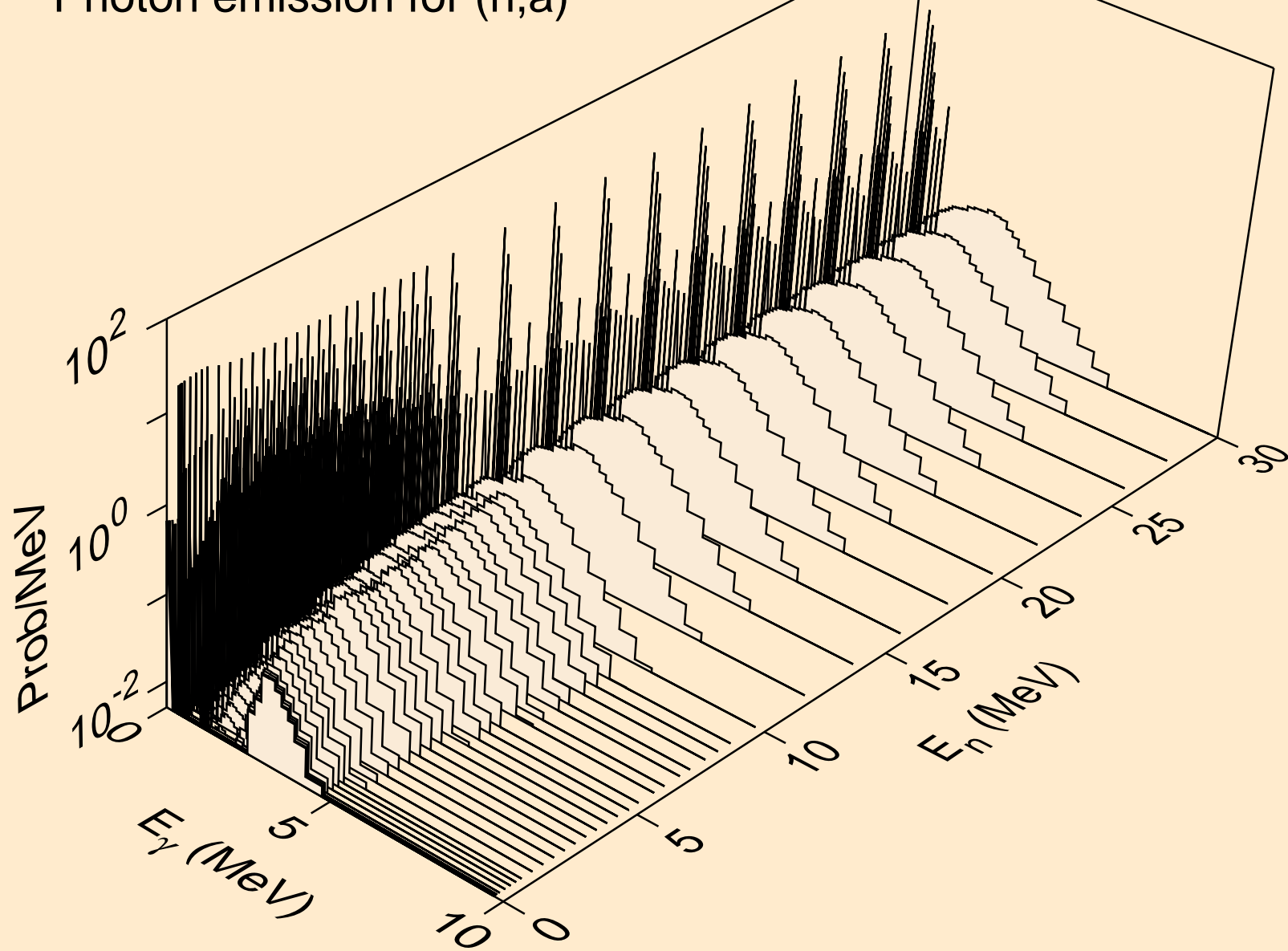




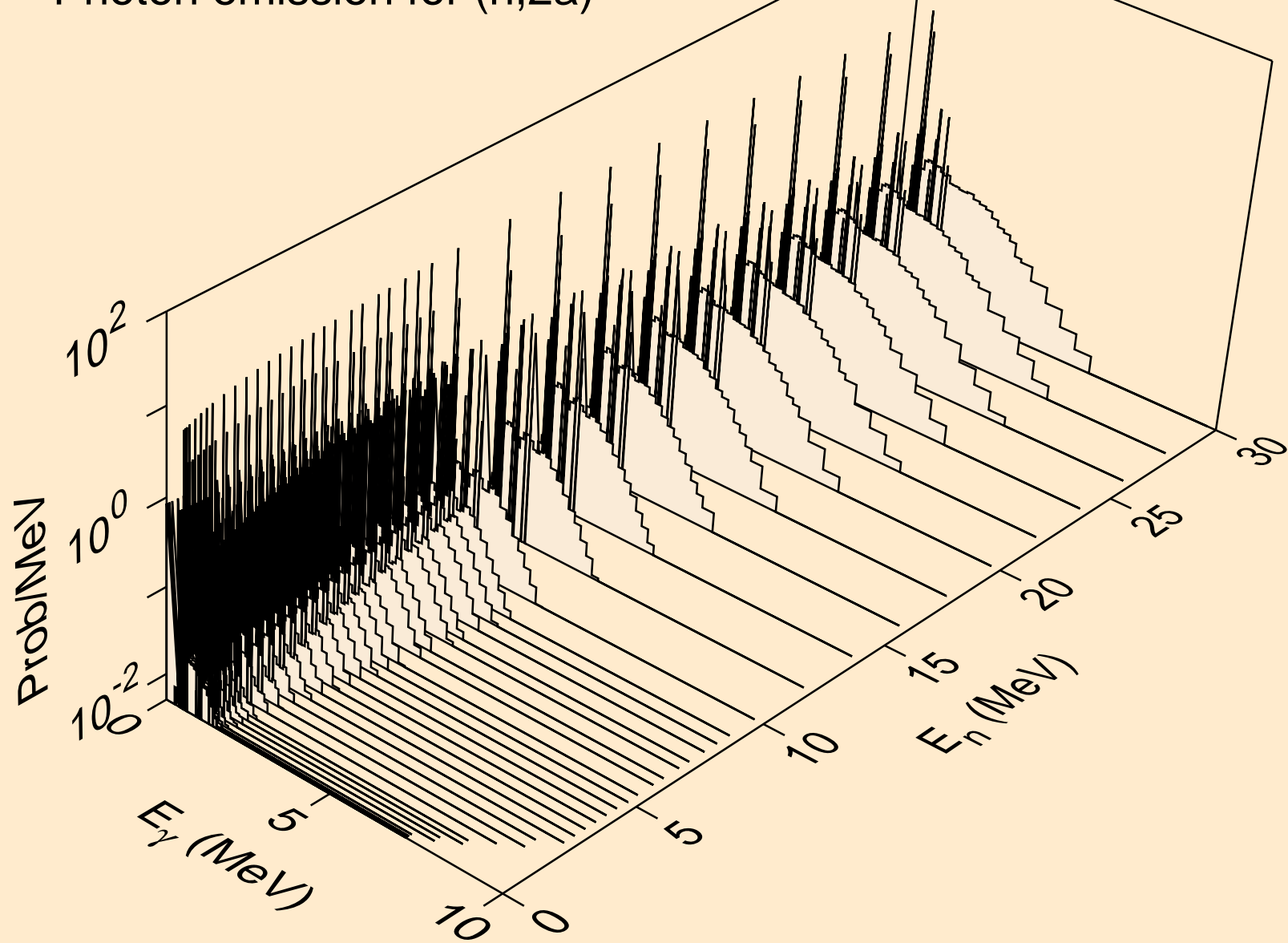
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



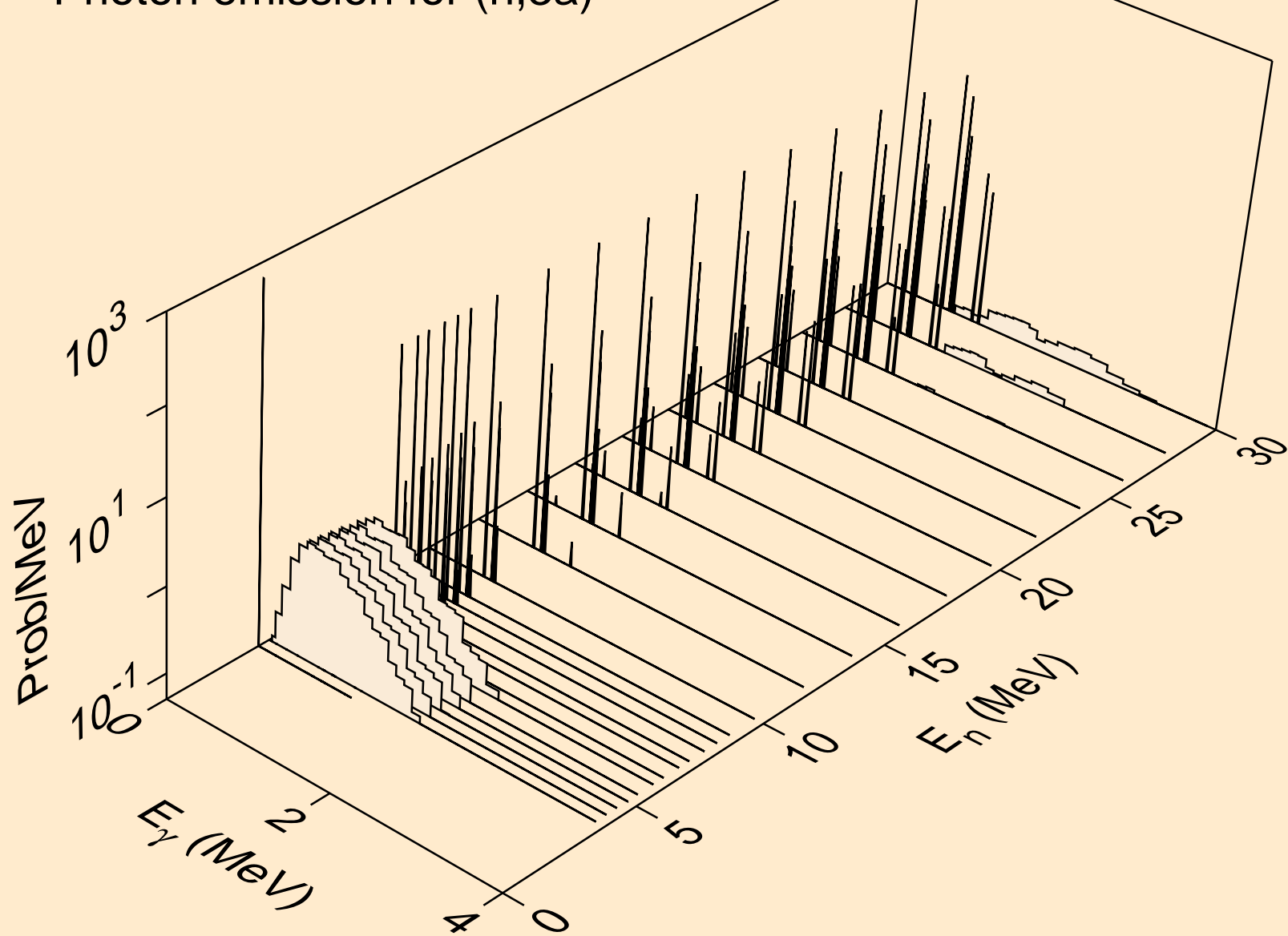
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



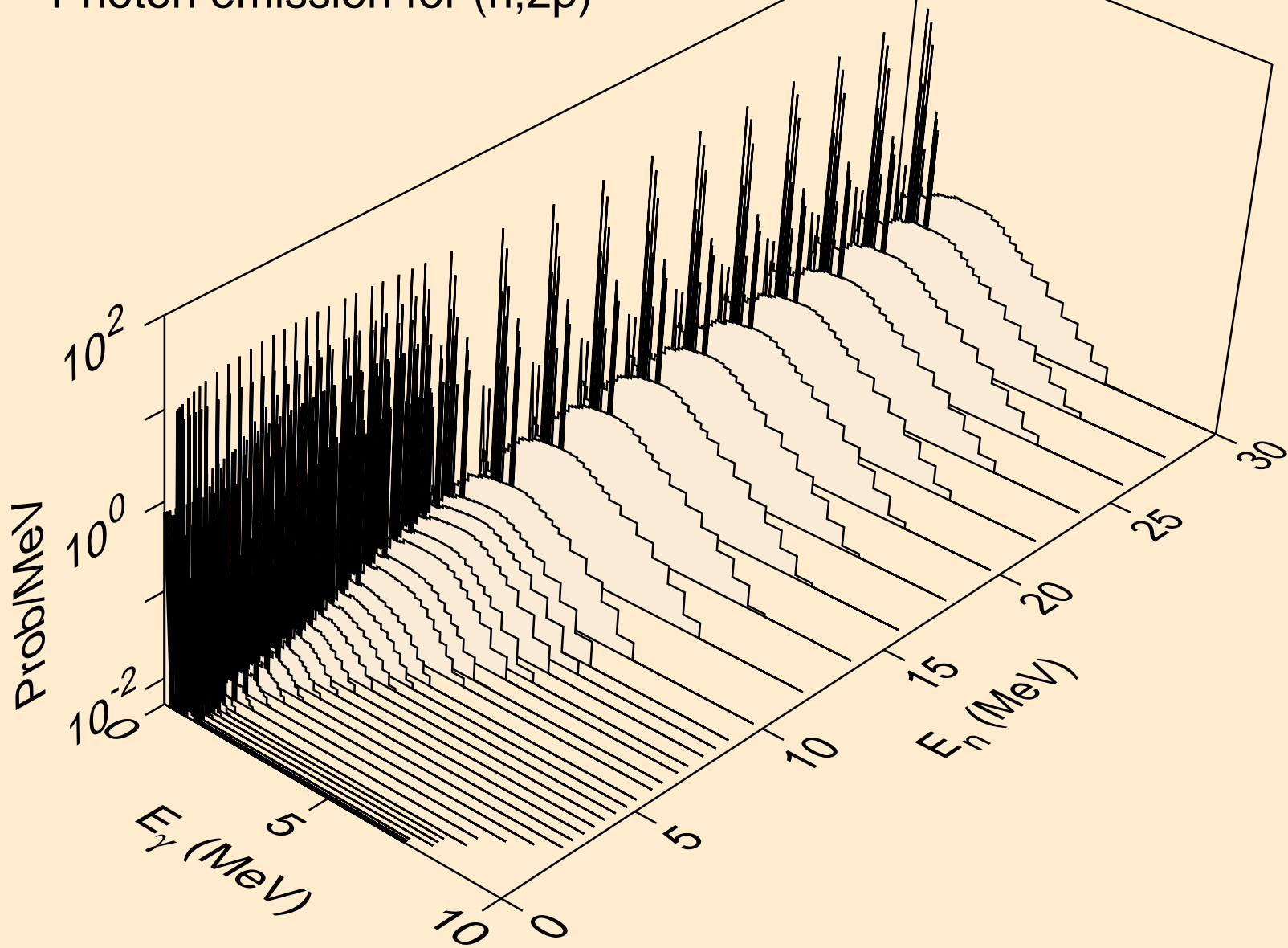
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



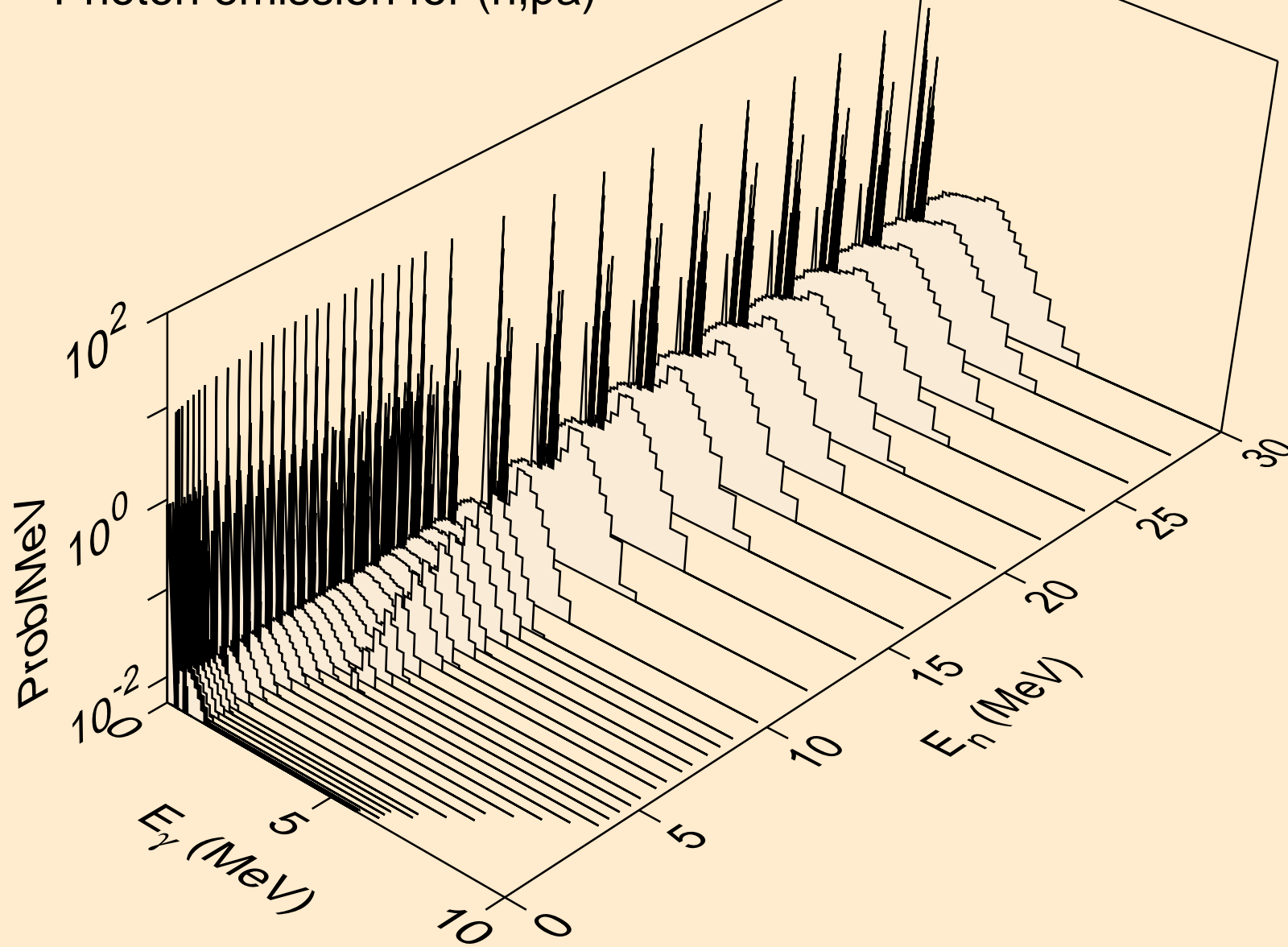
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



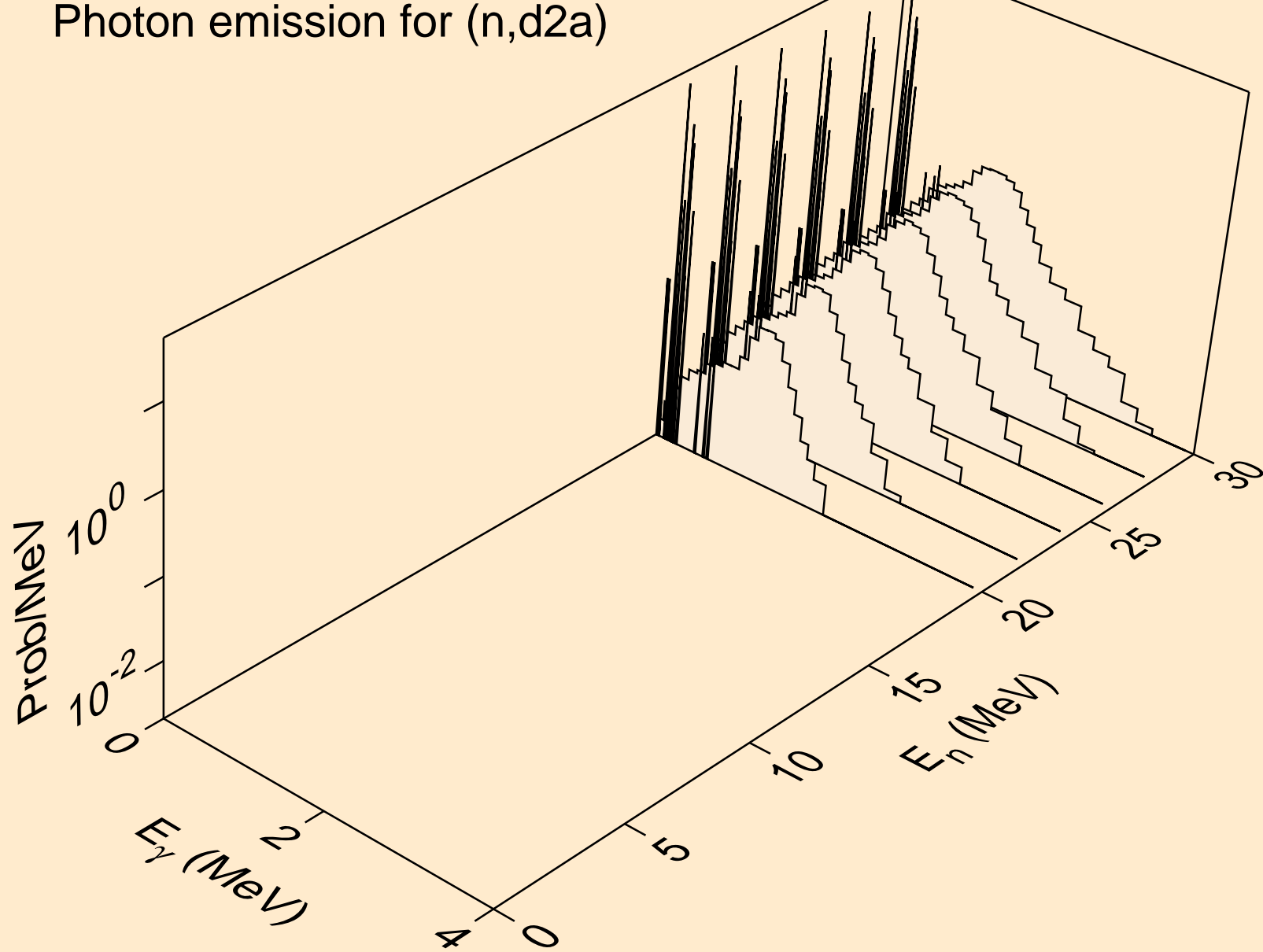
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



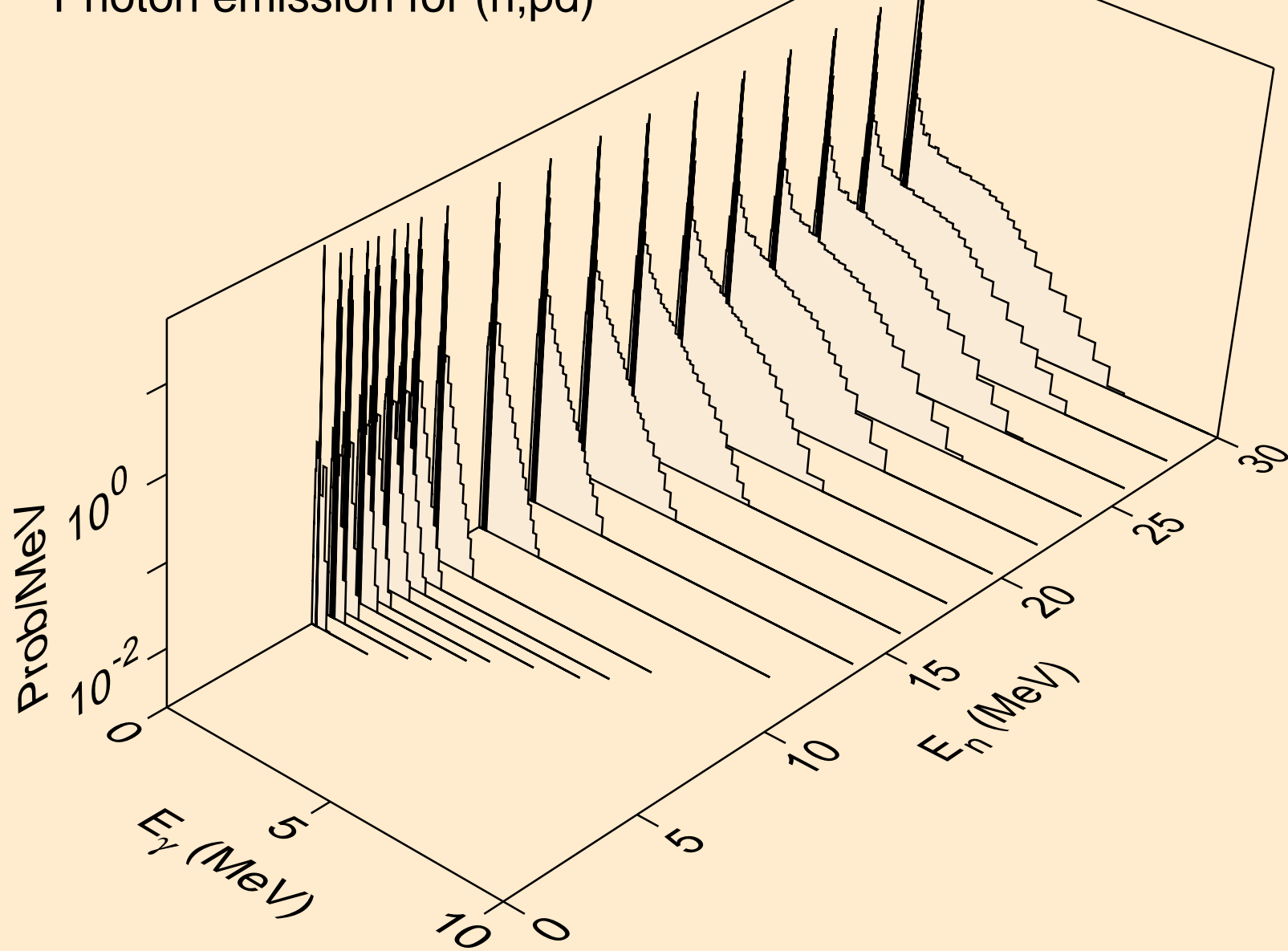
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)

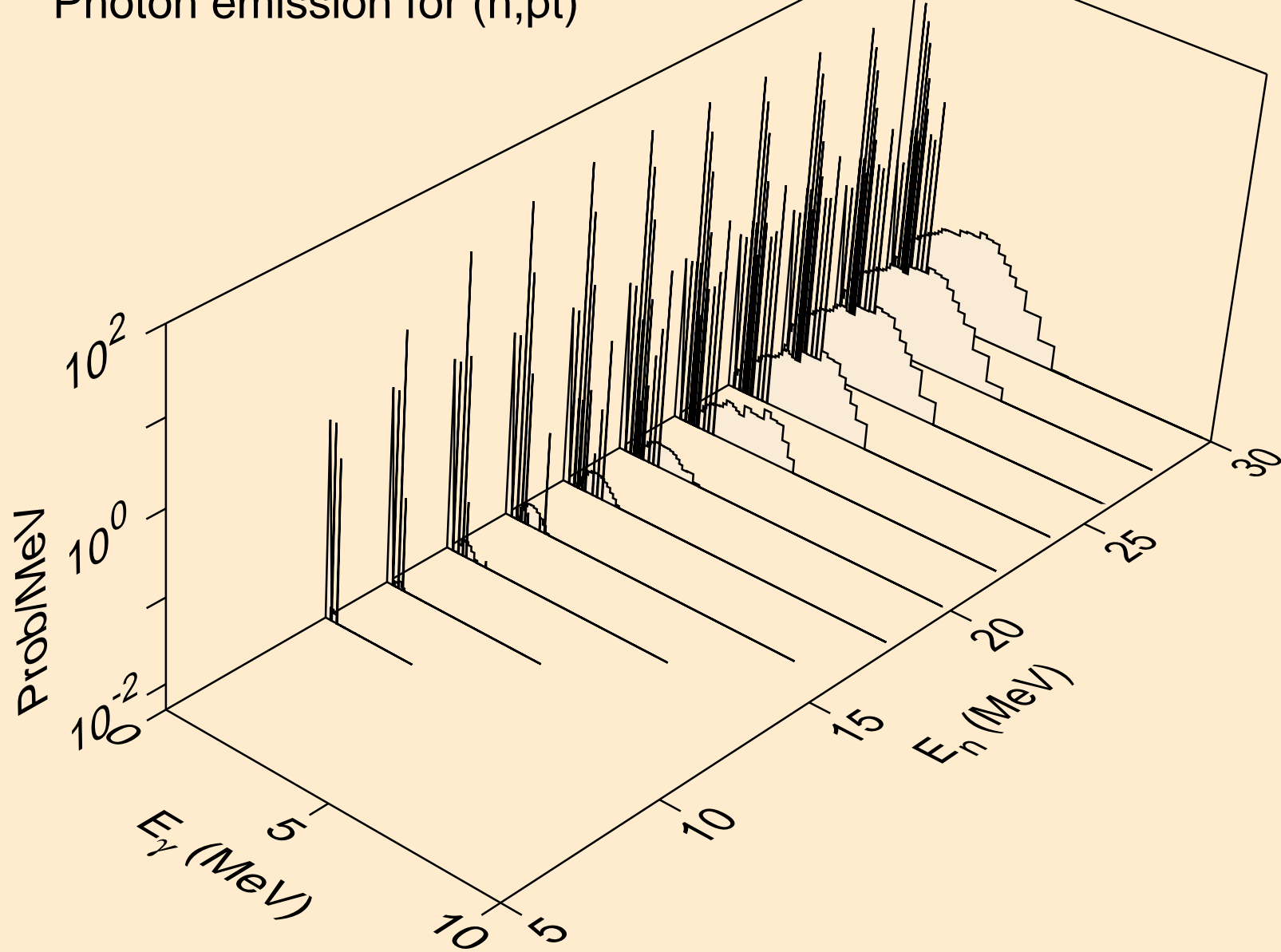


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

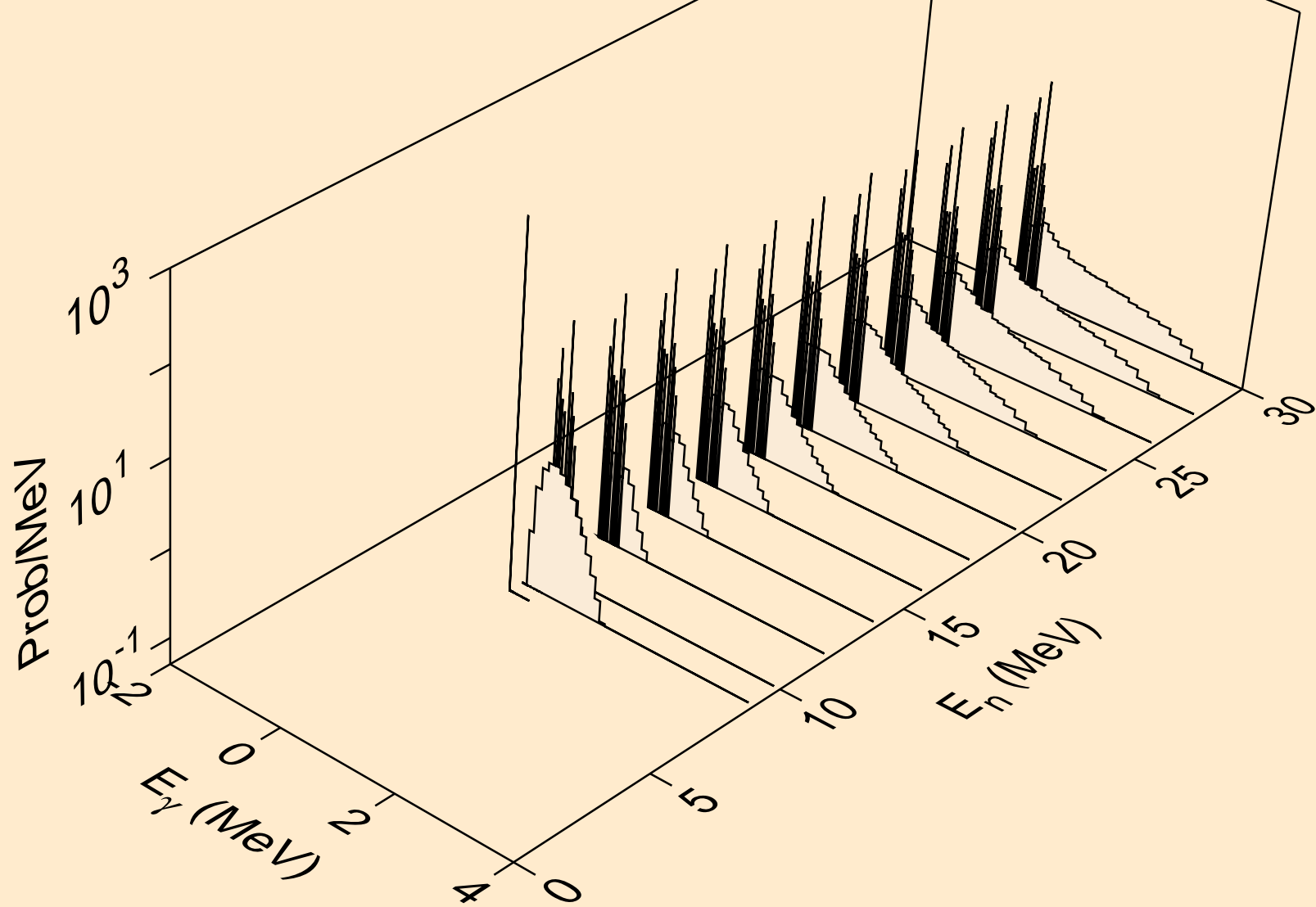




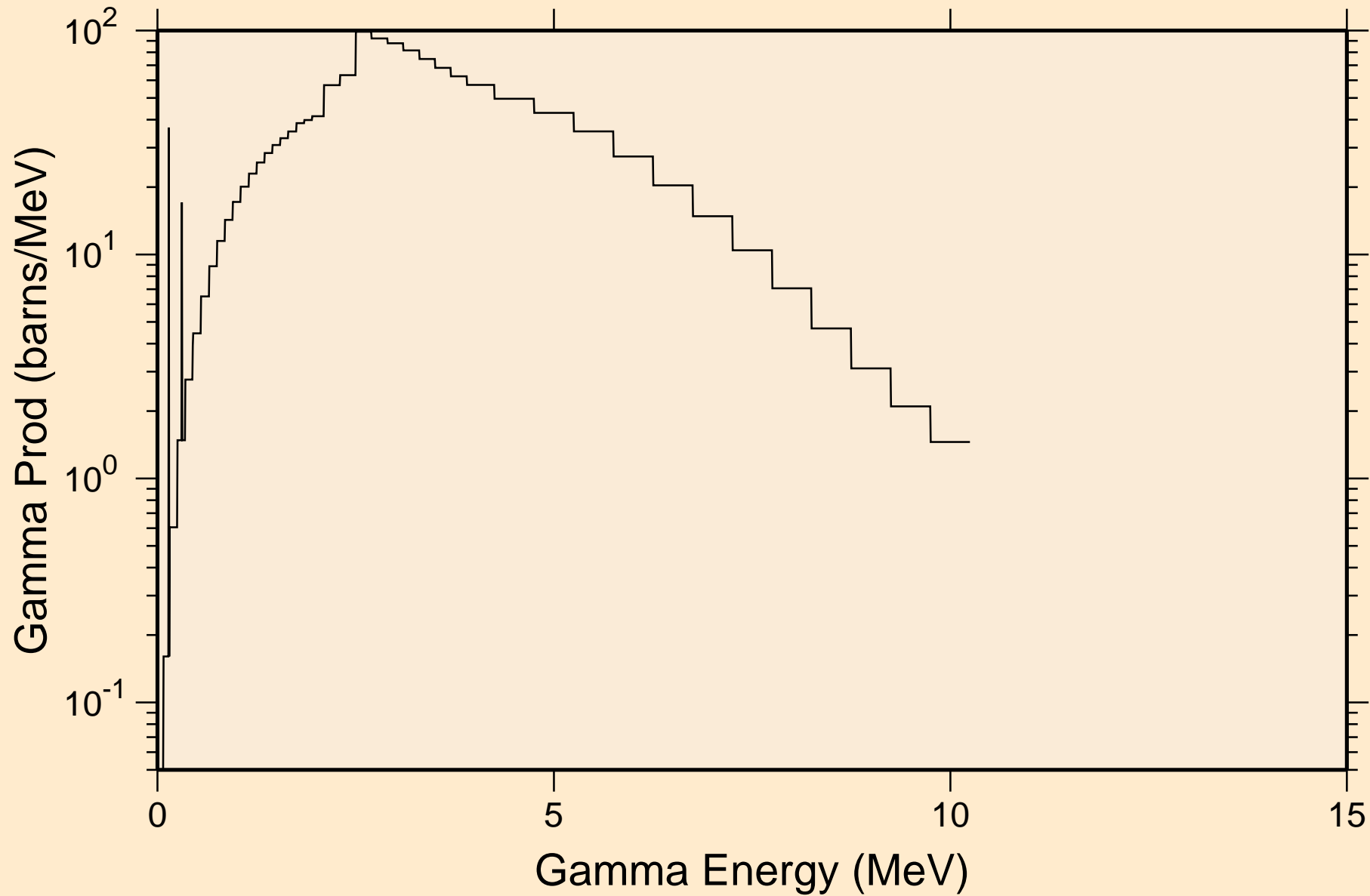
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



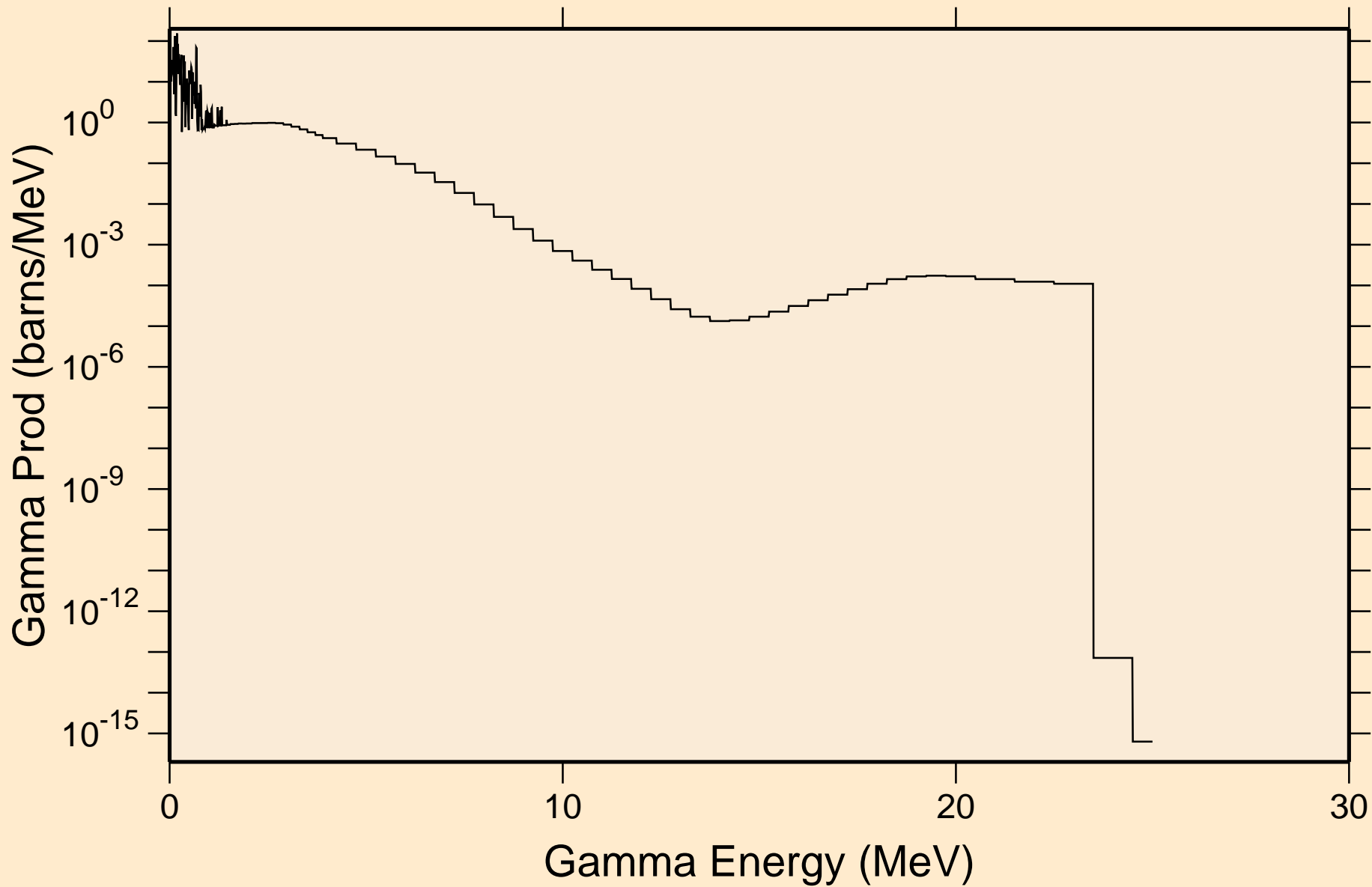
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

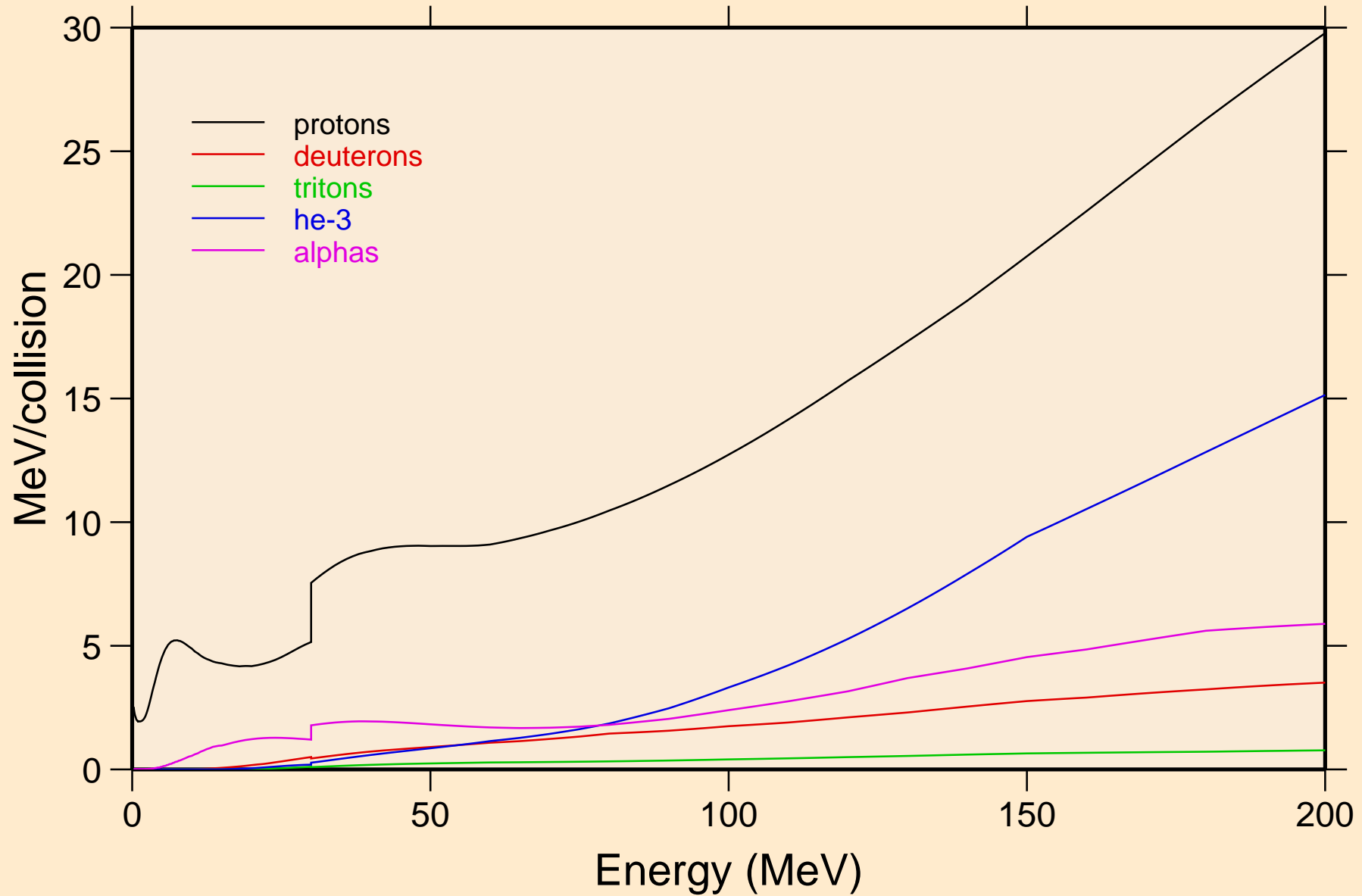


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

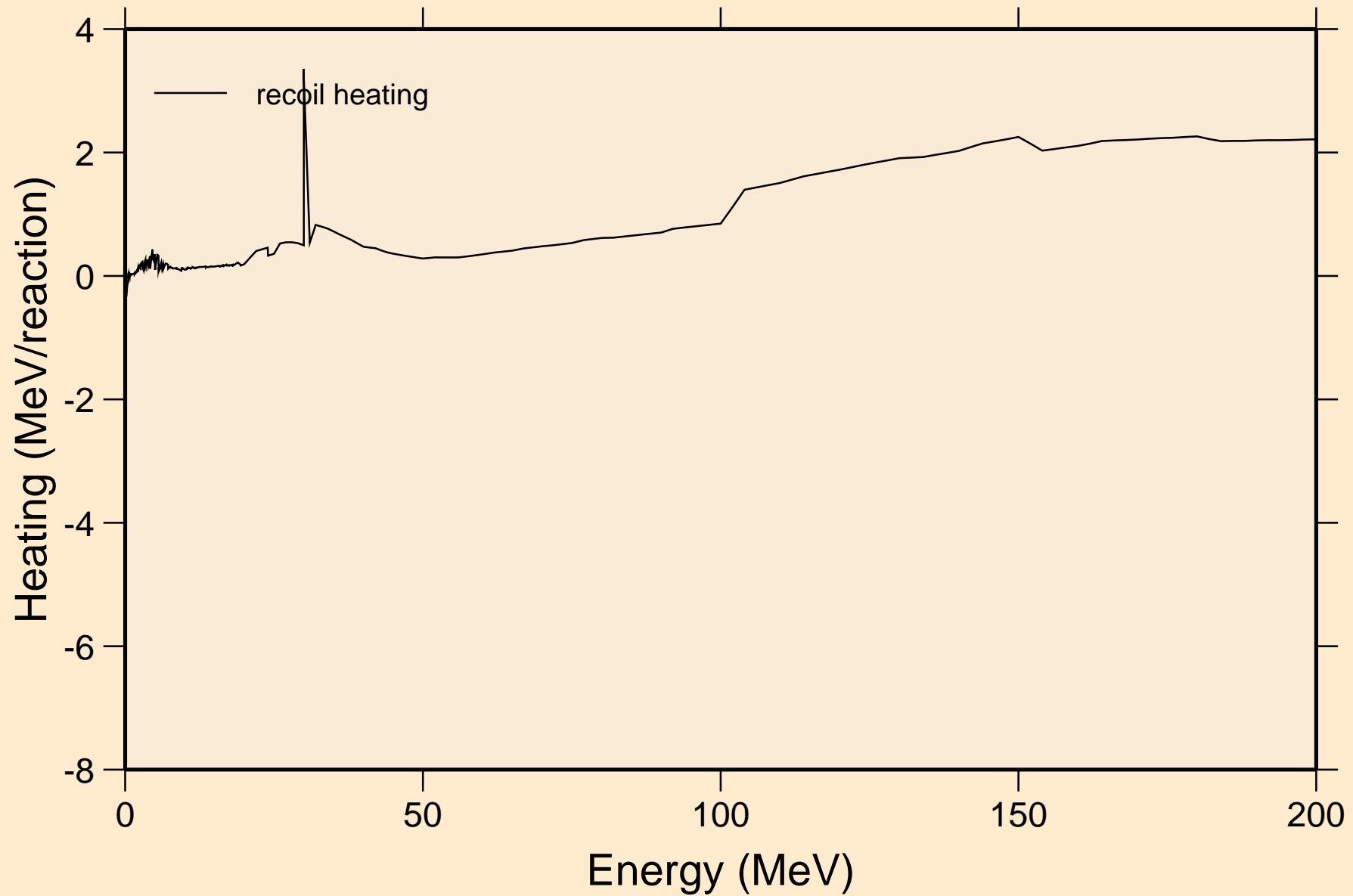


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

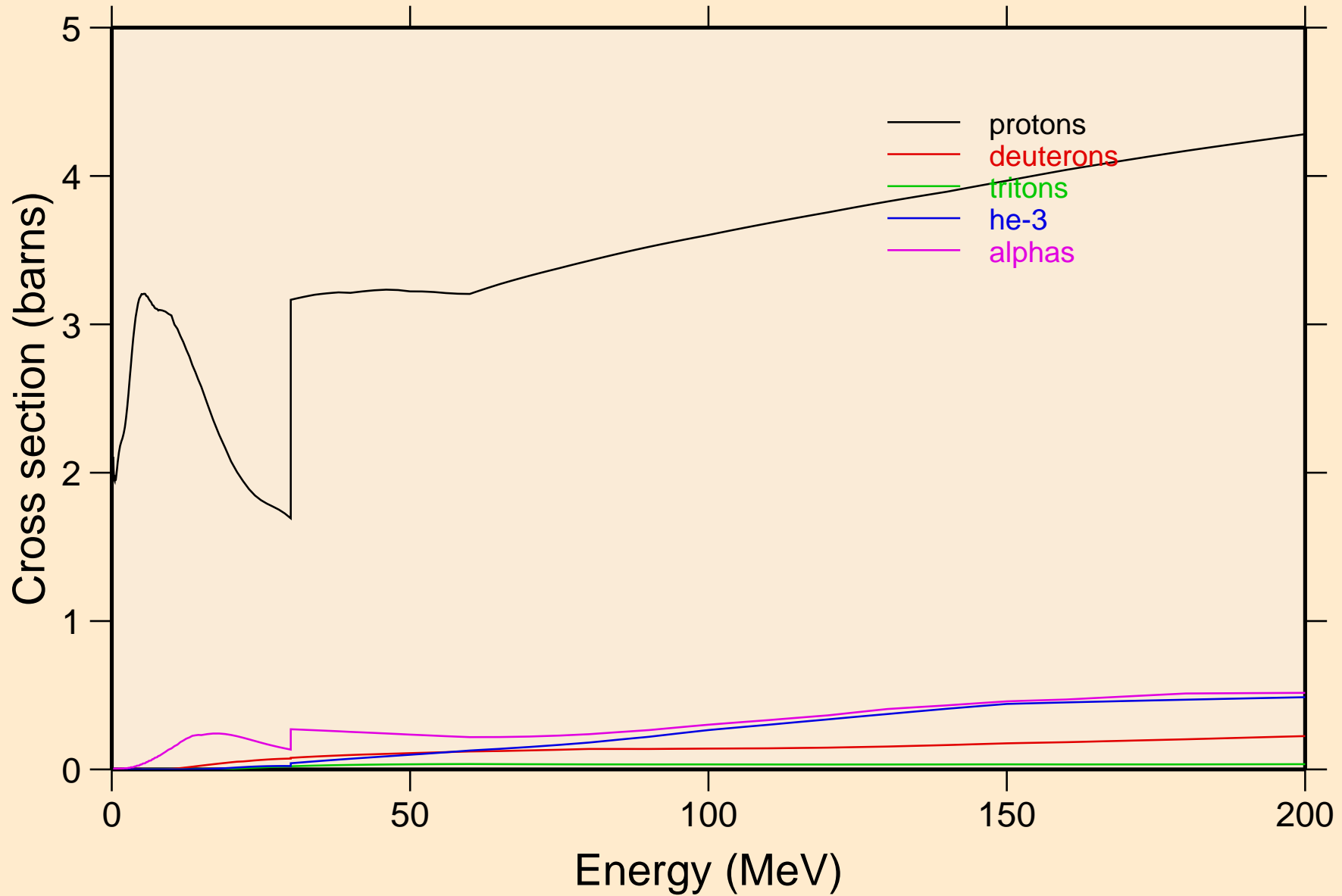


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

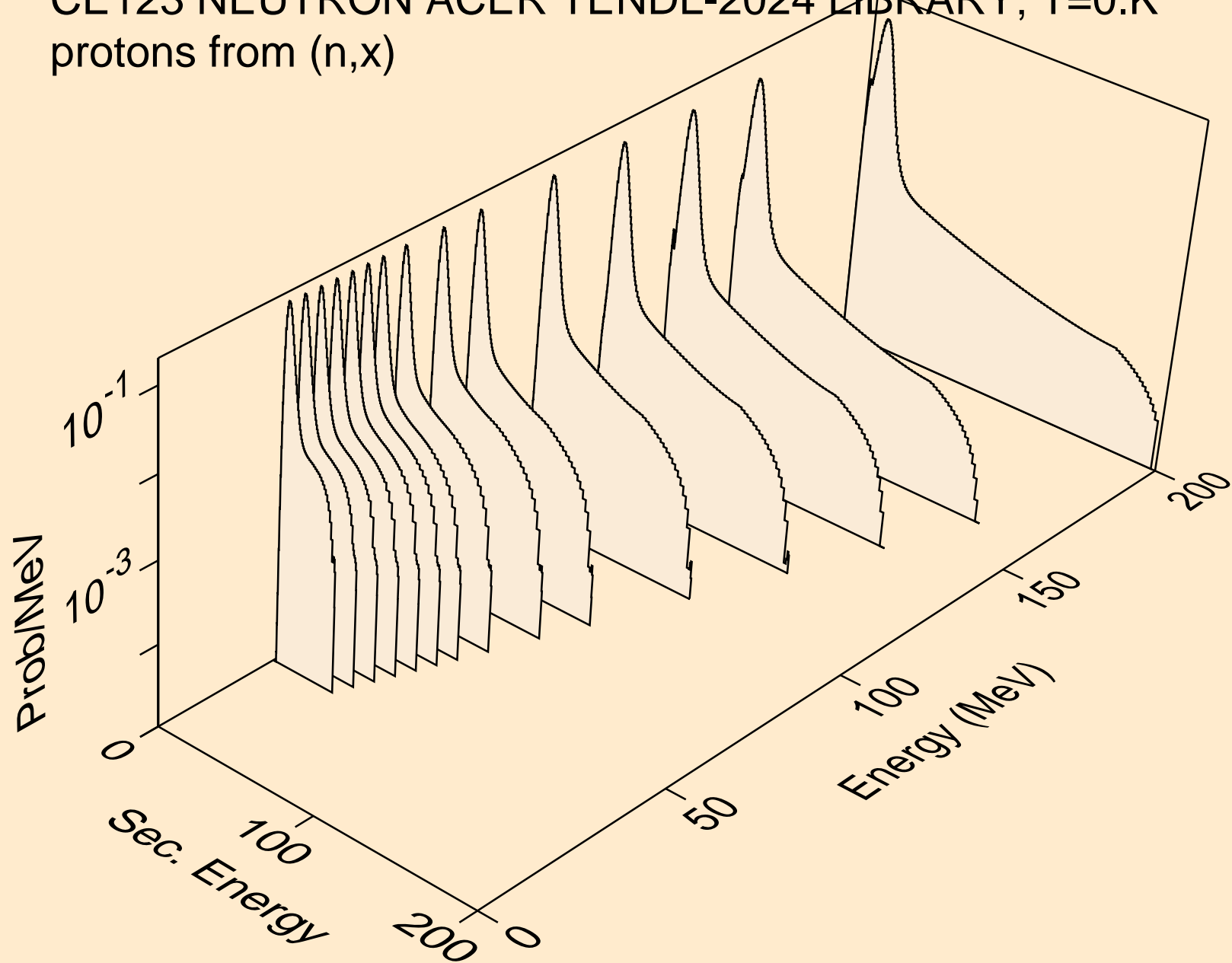


# CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

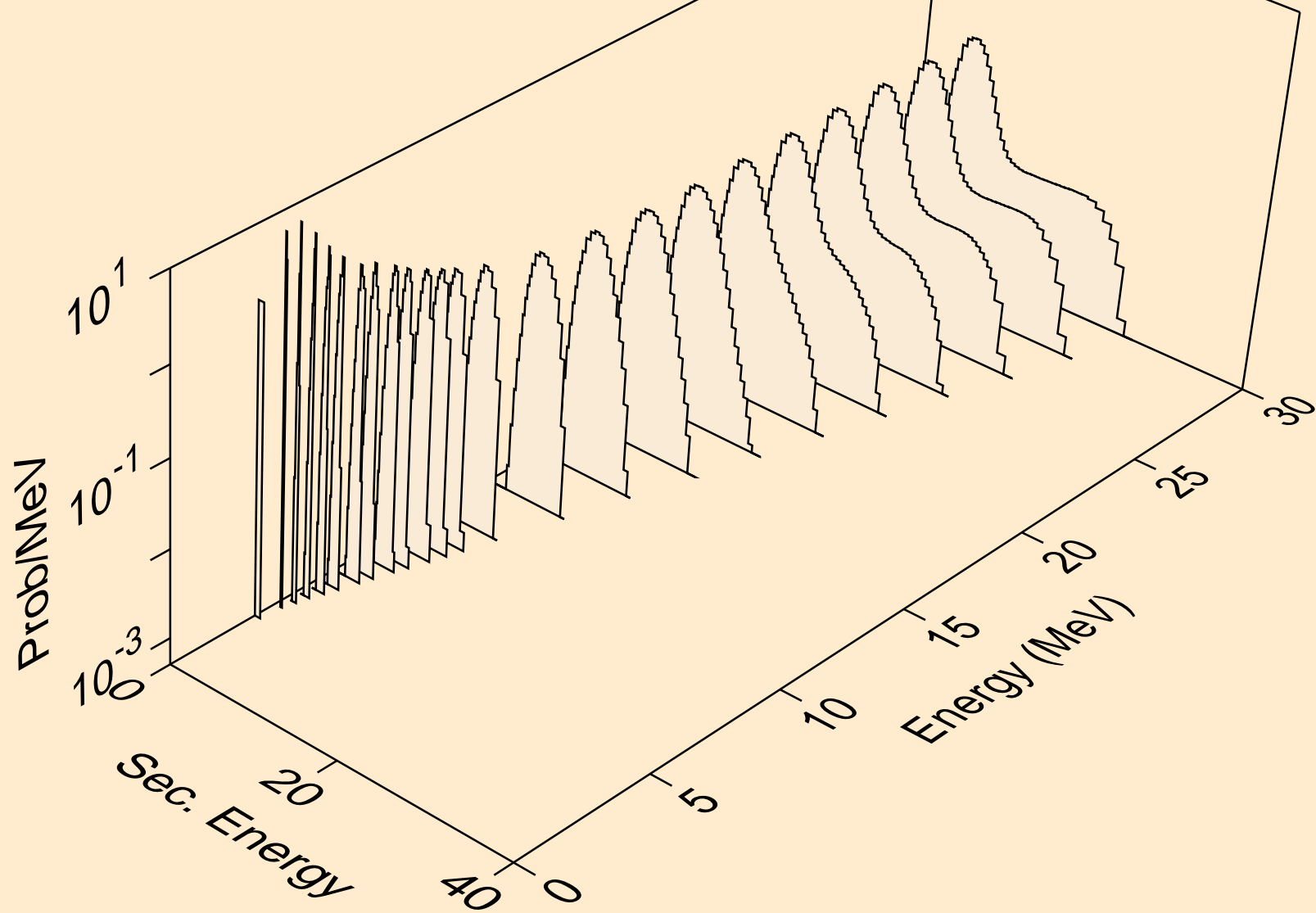


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

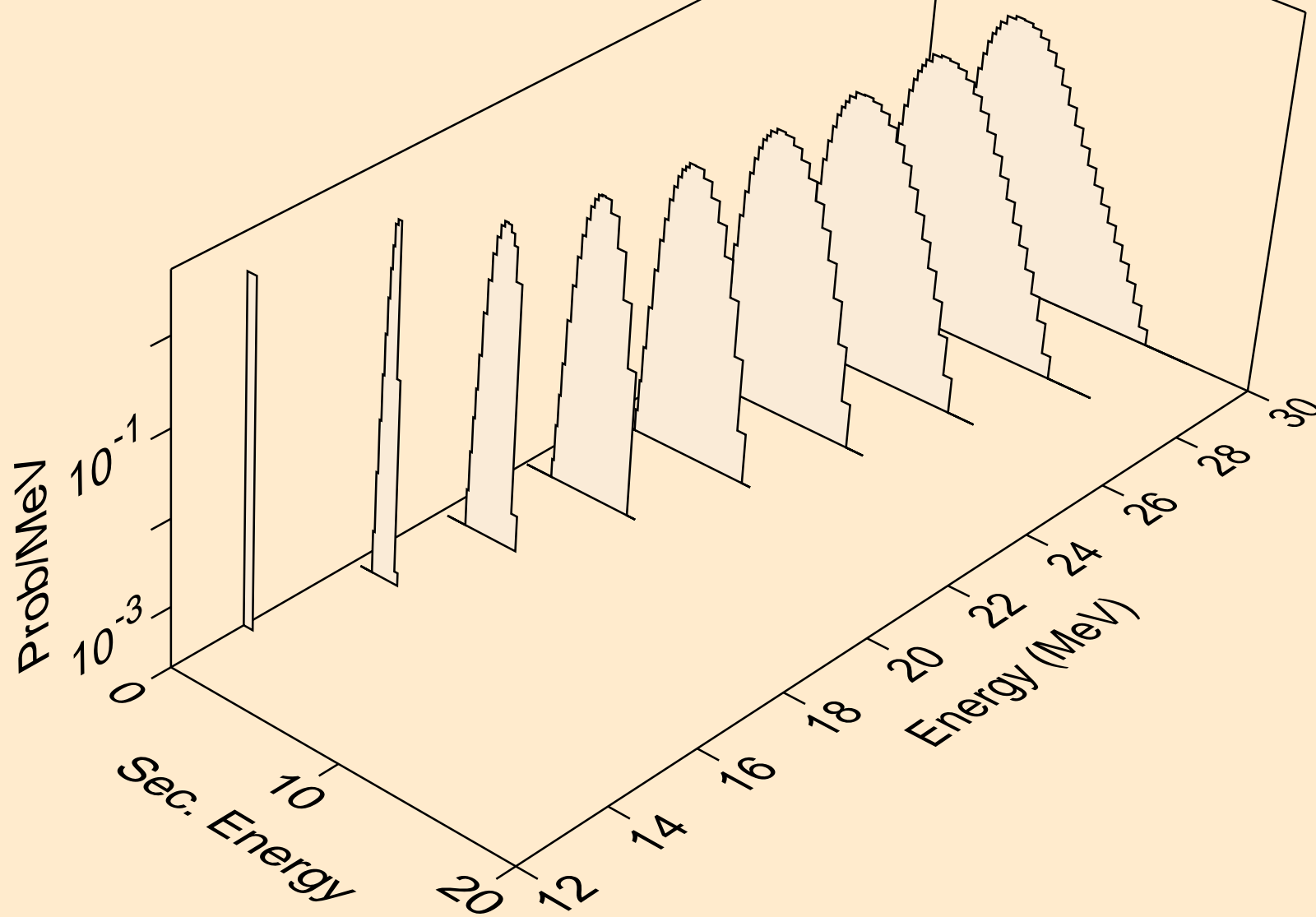




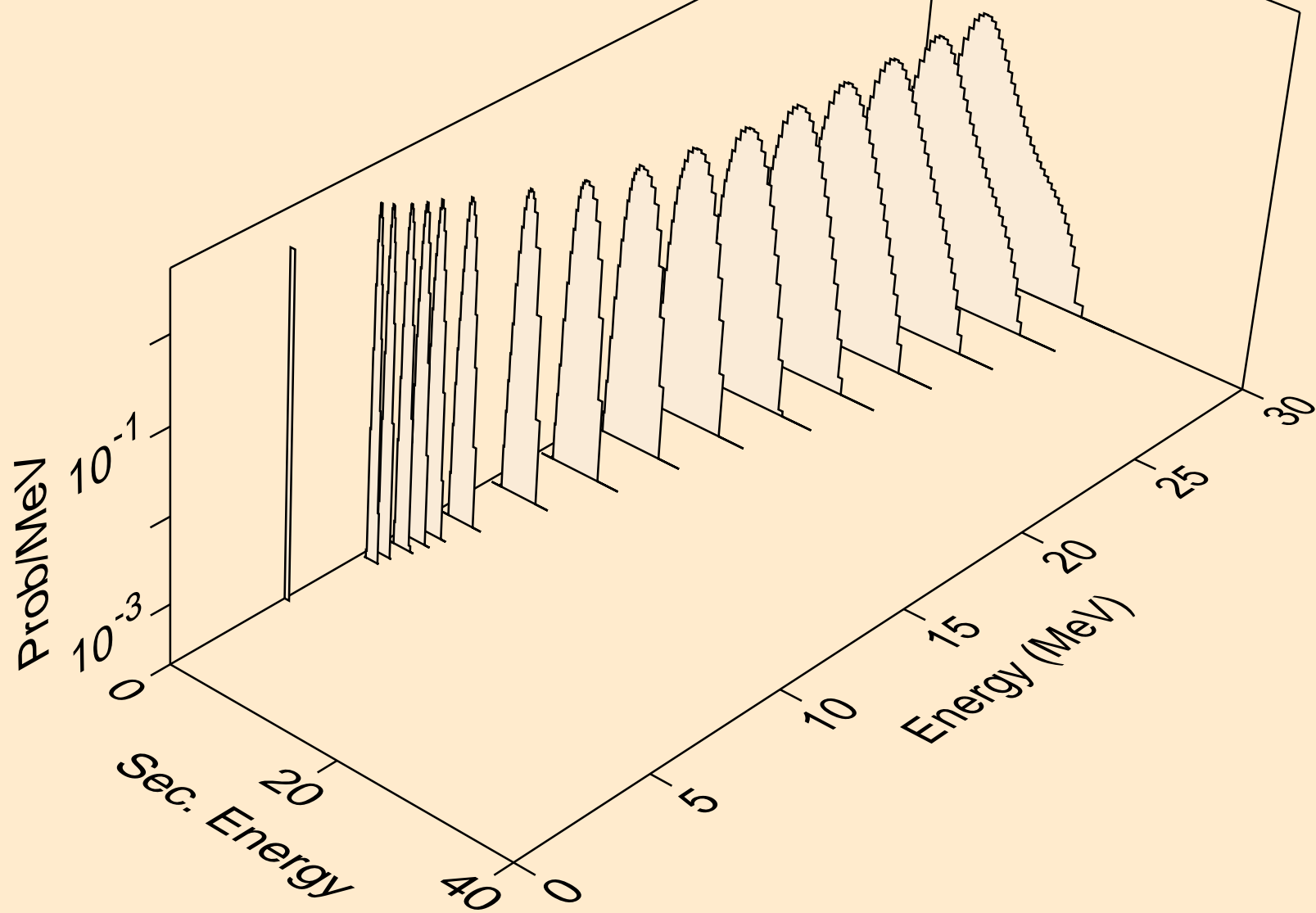
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



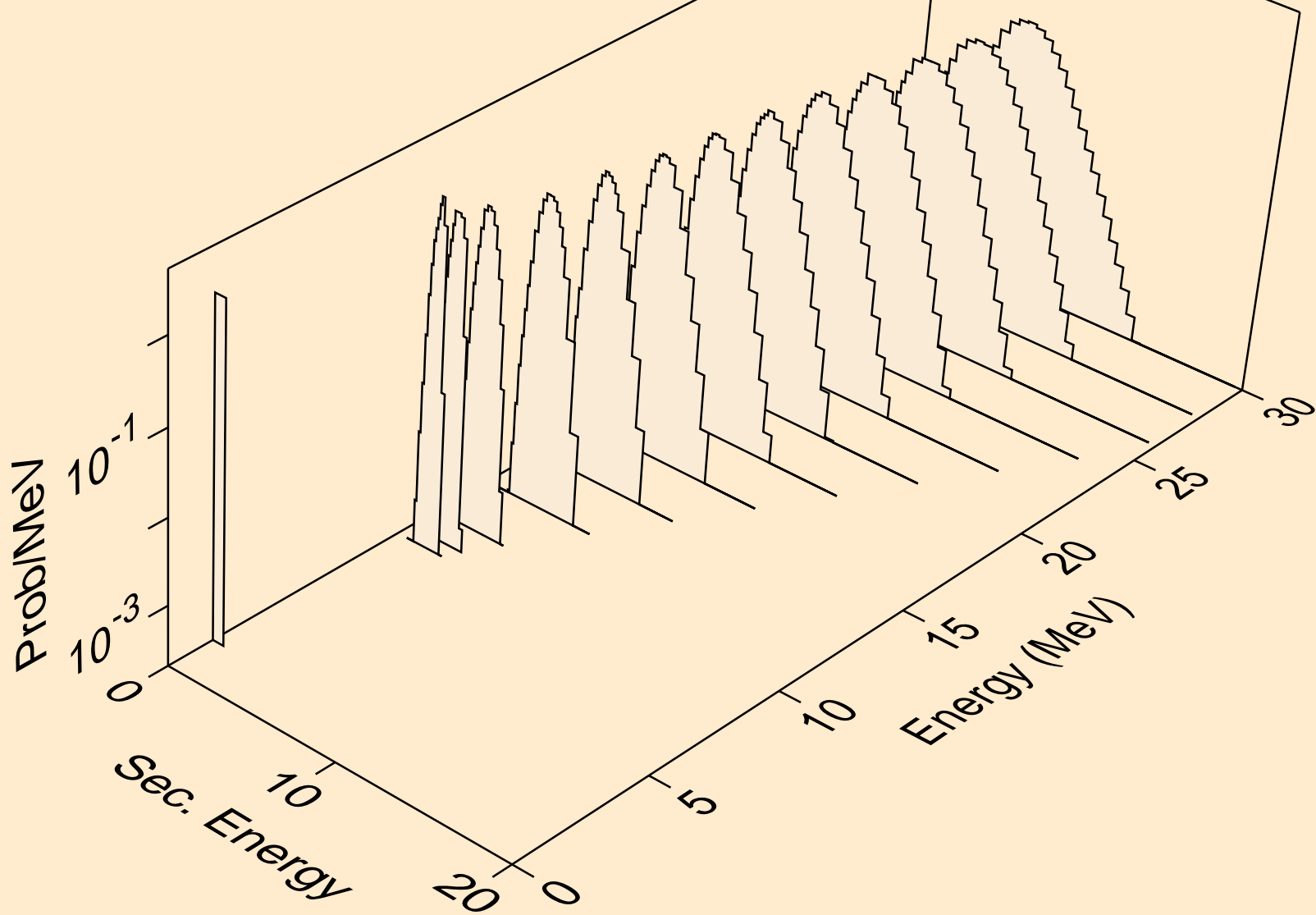
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



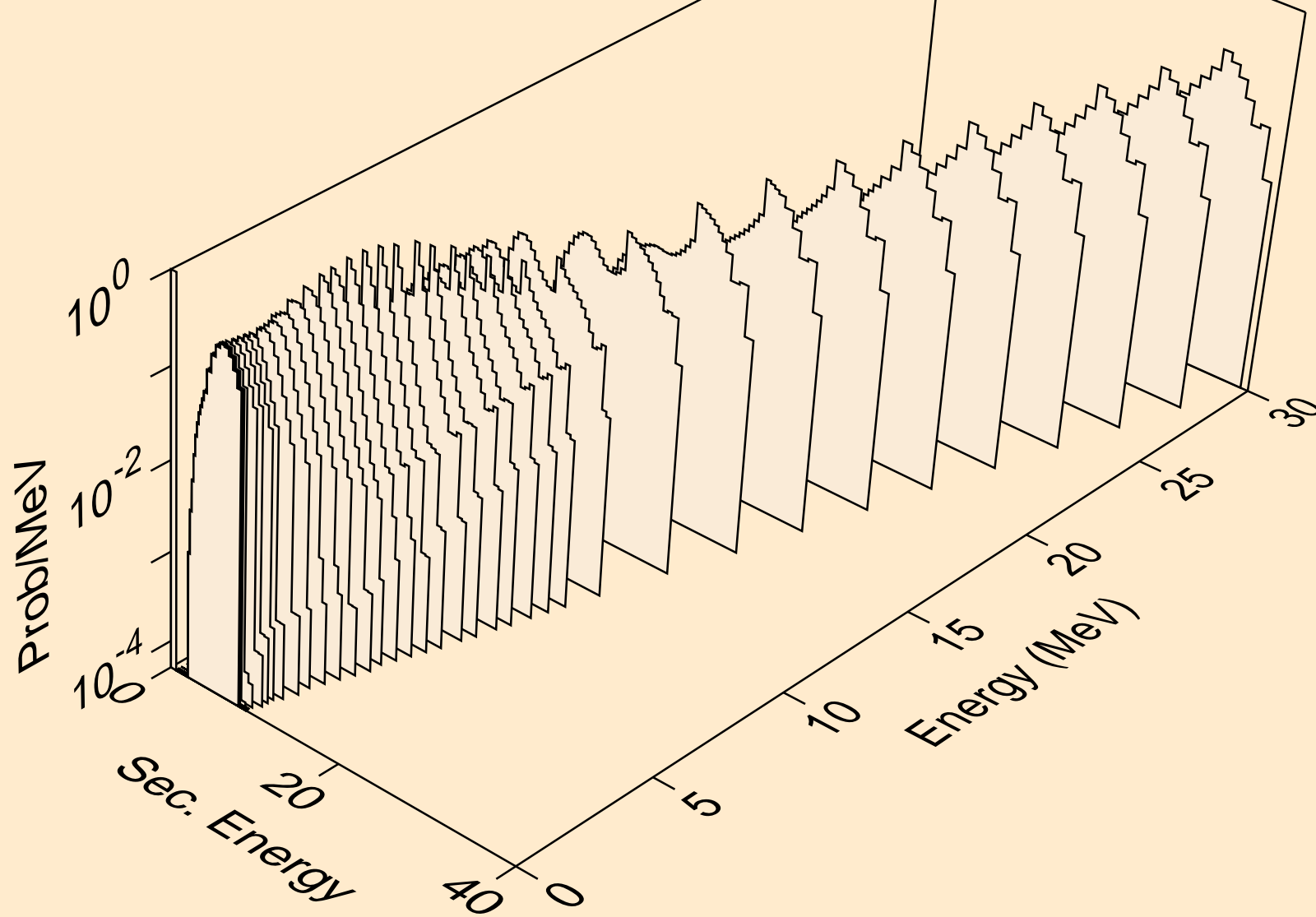
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



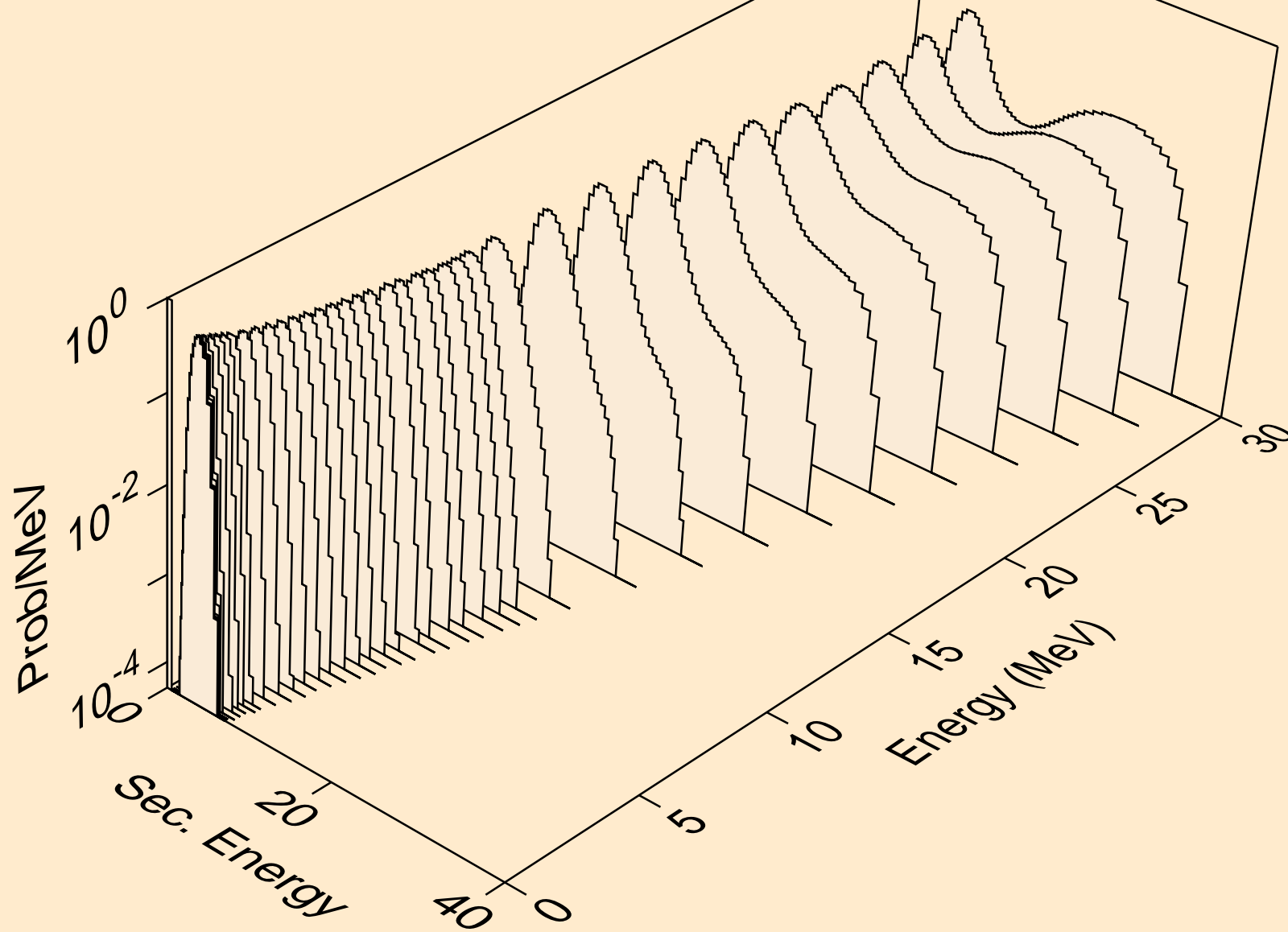
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



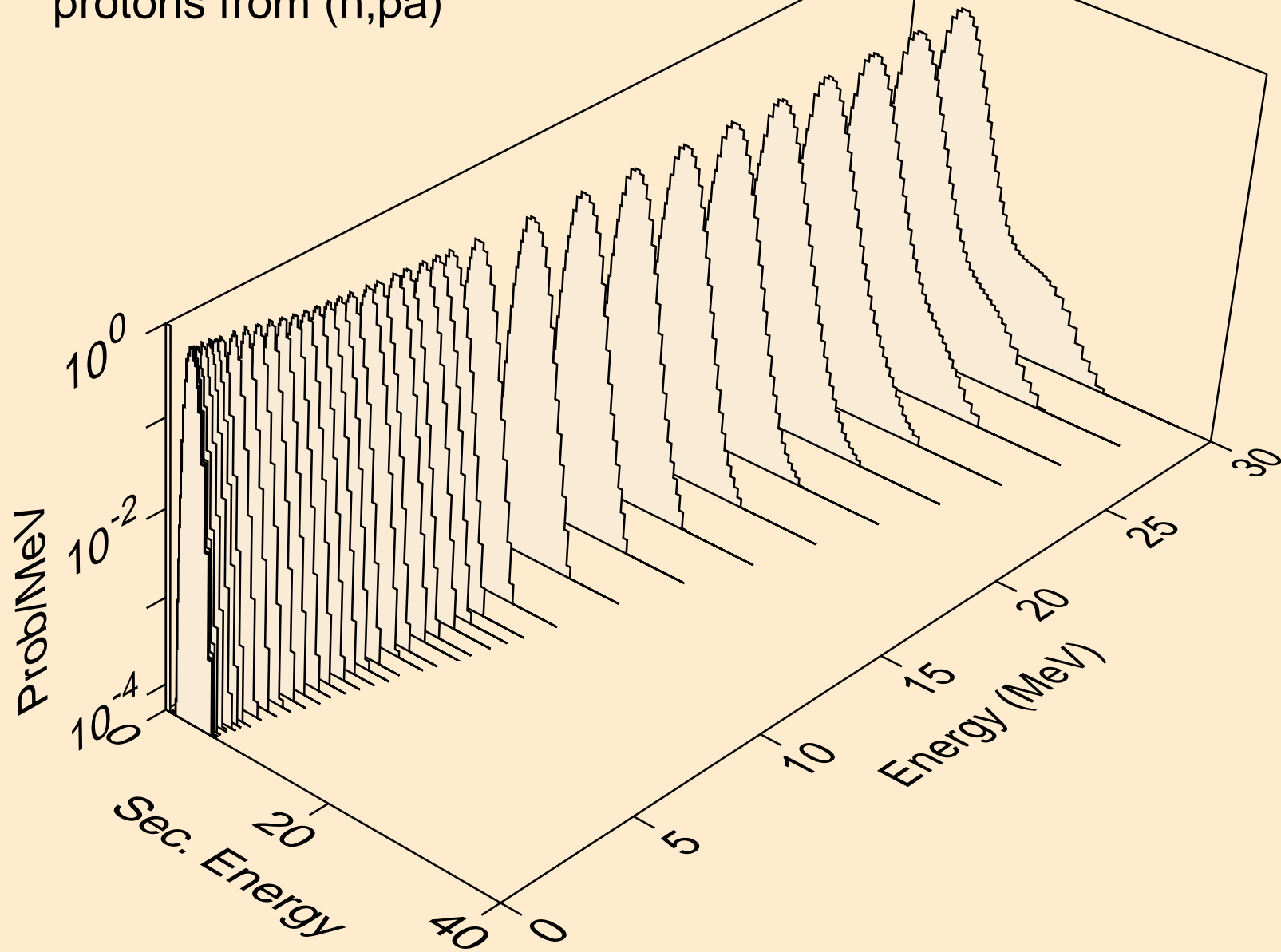
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



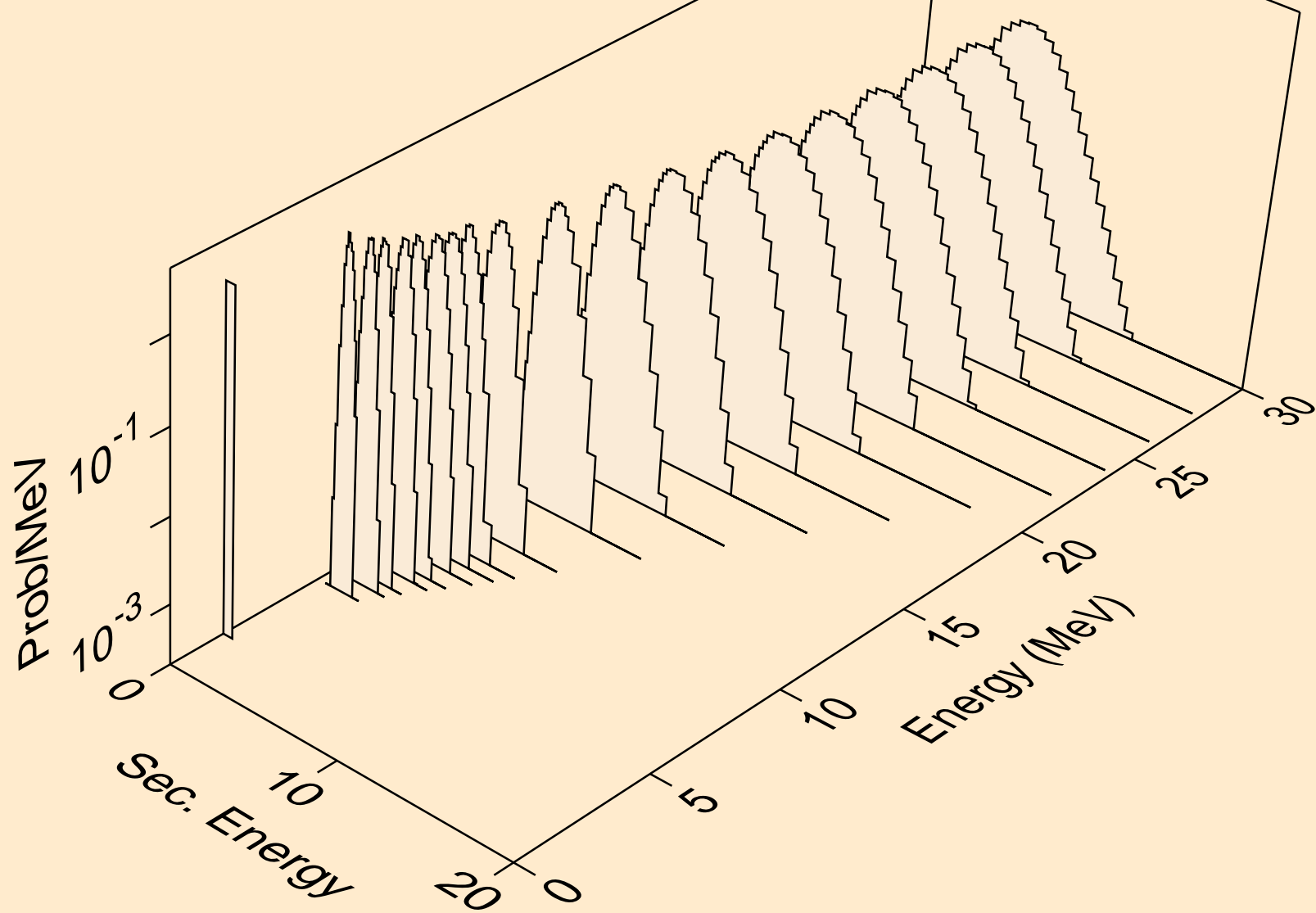
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

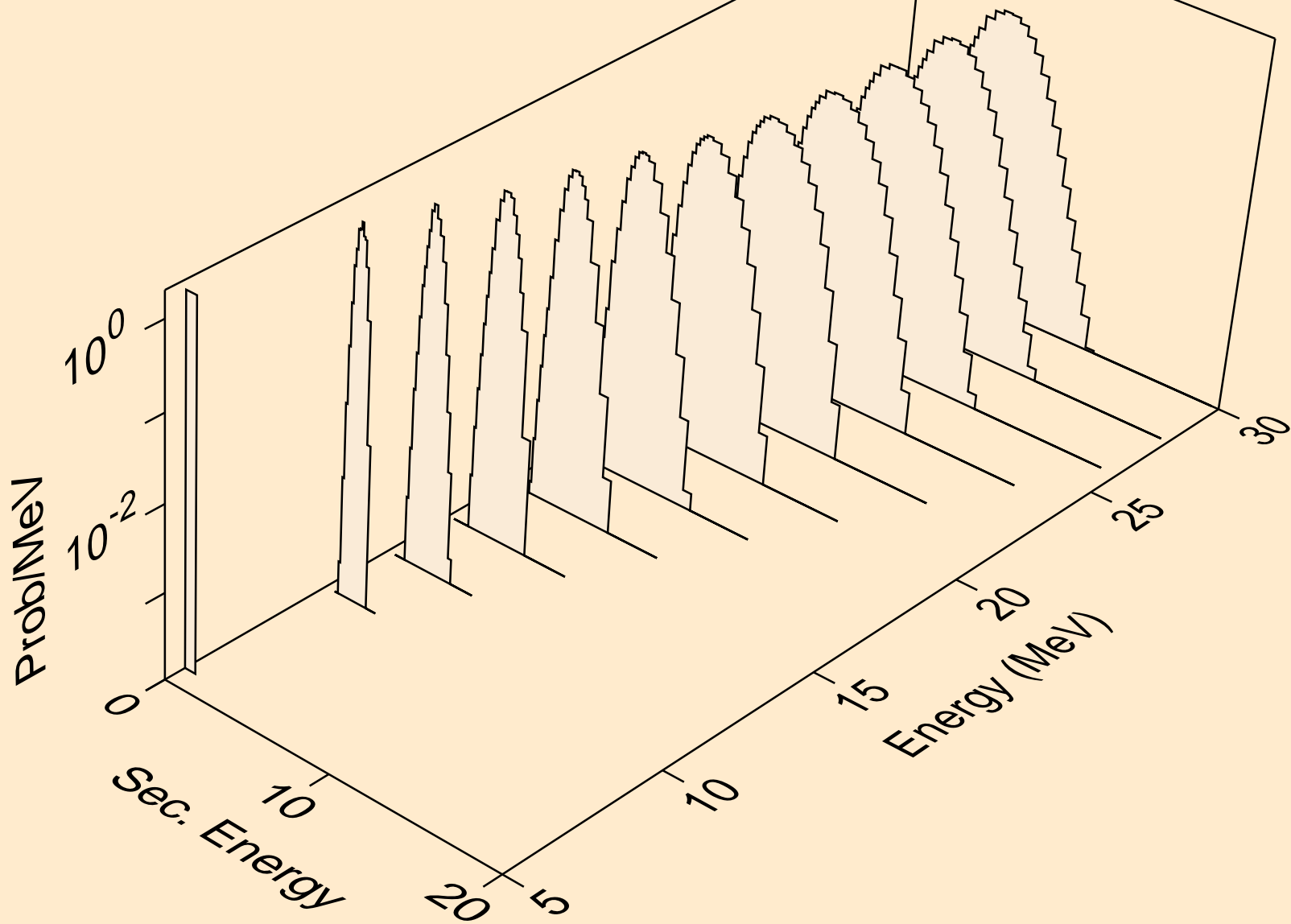


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

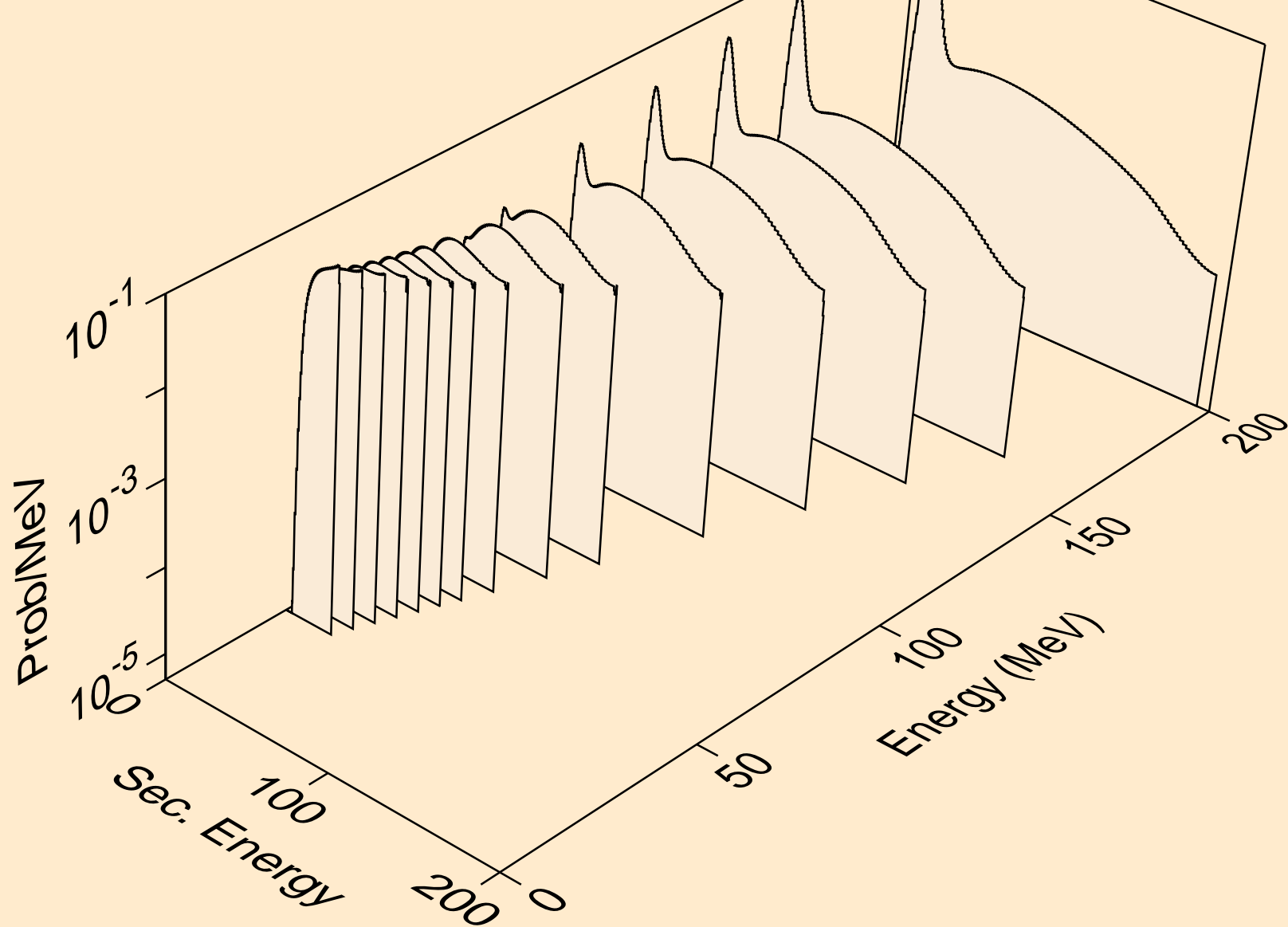




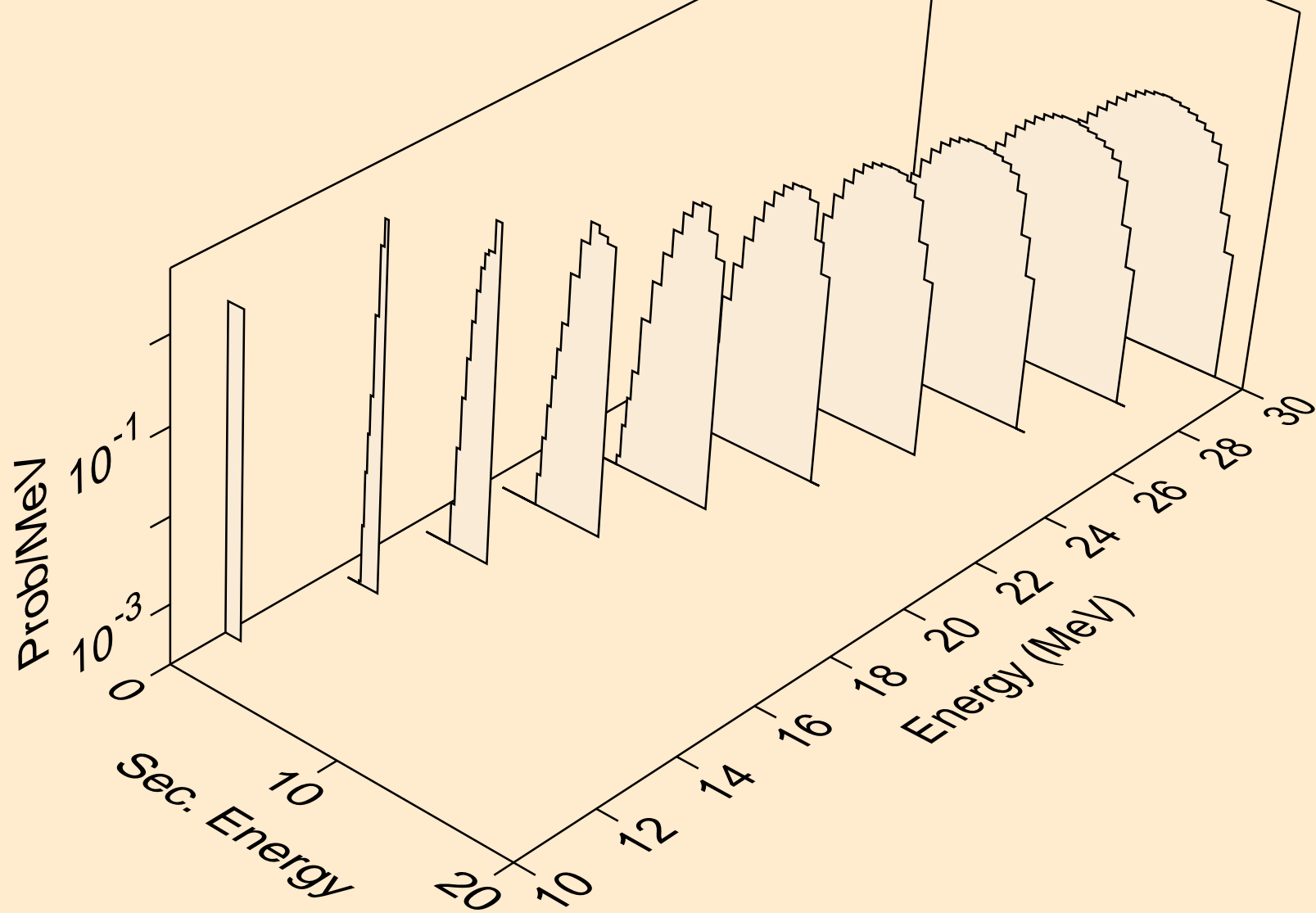
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



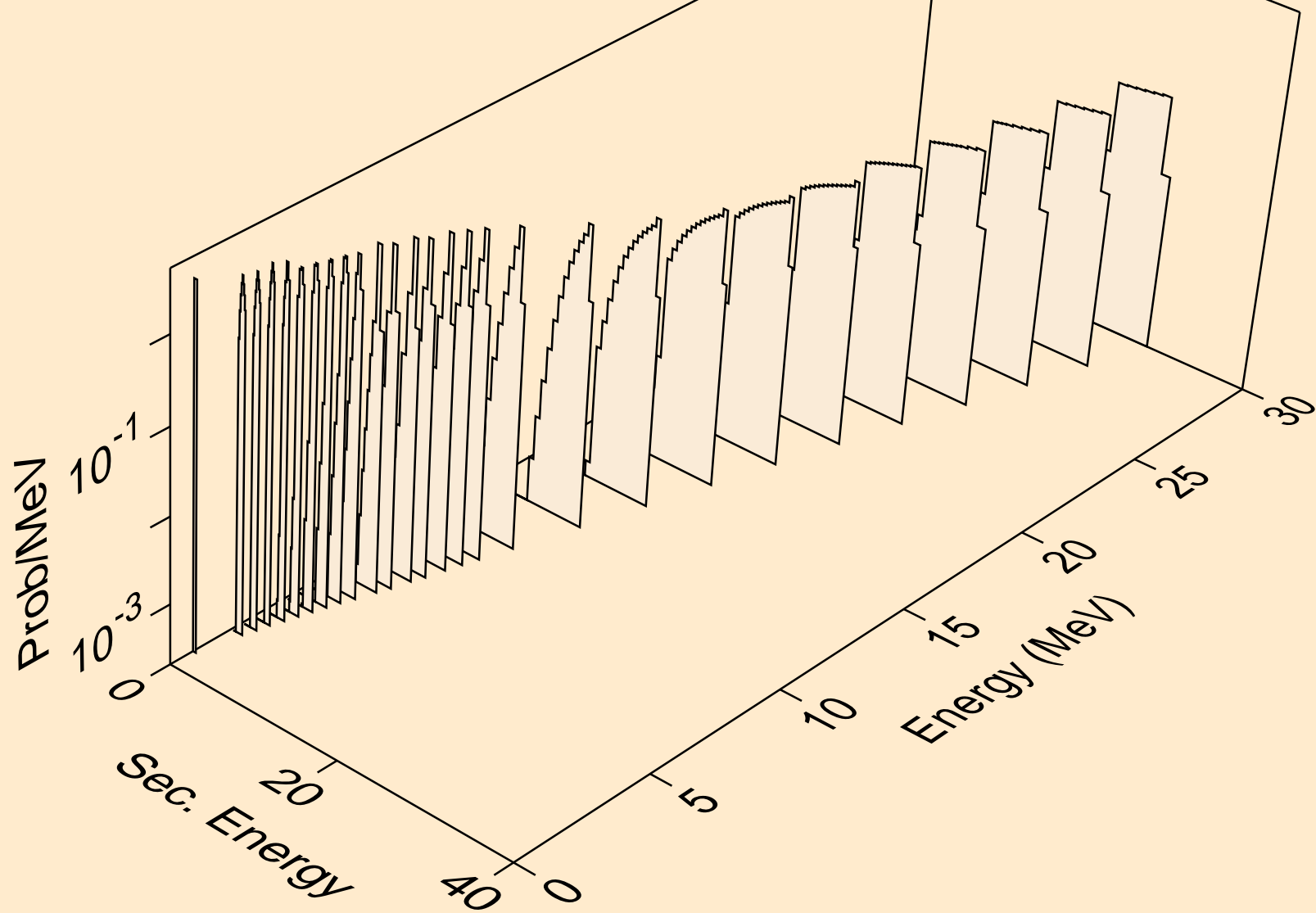
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



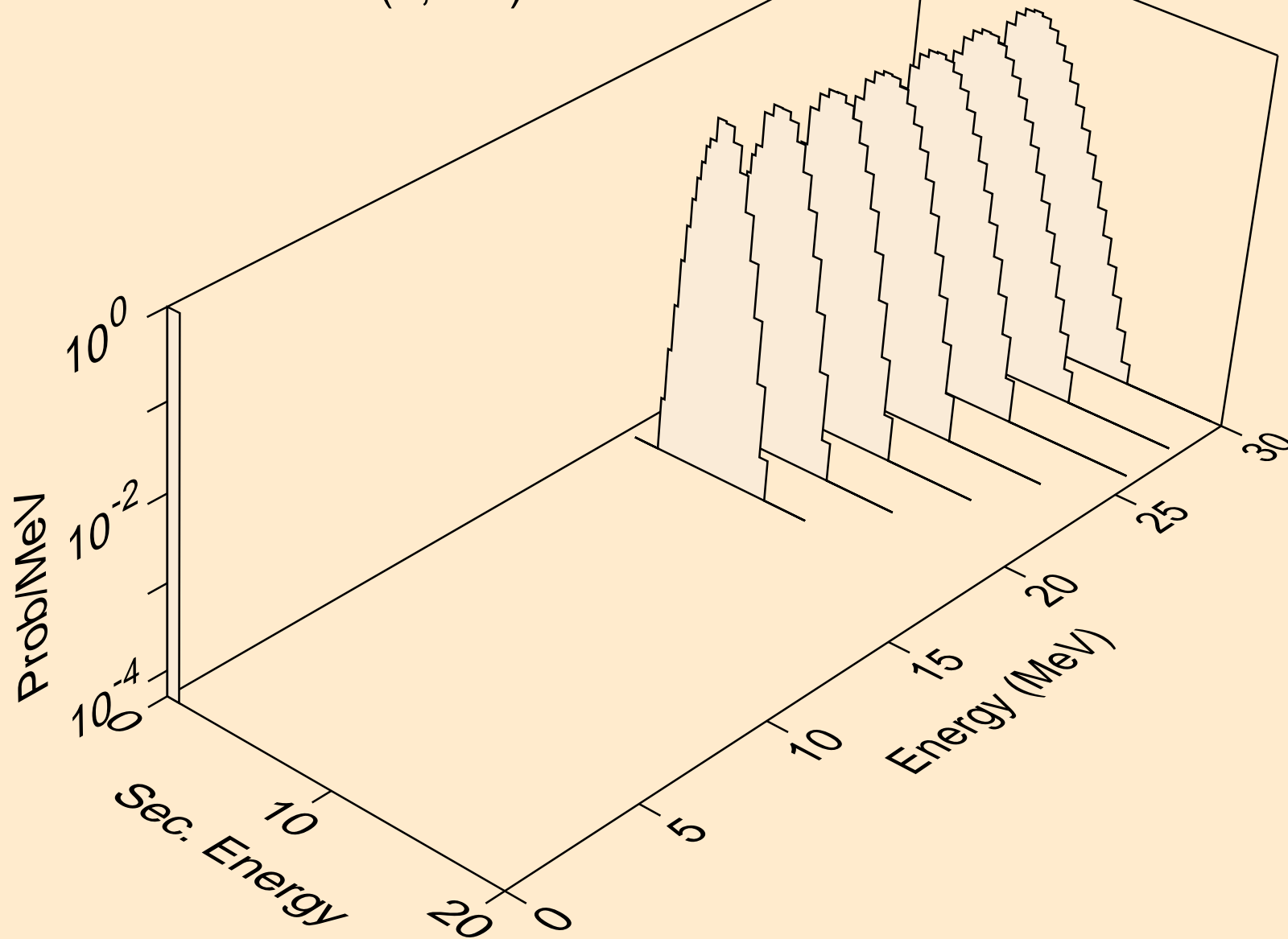
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



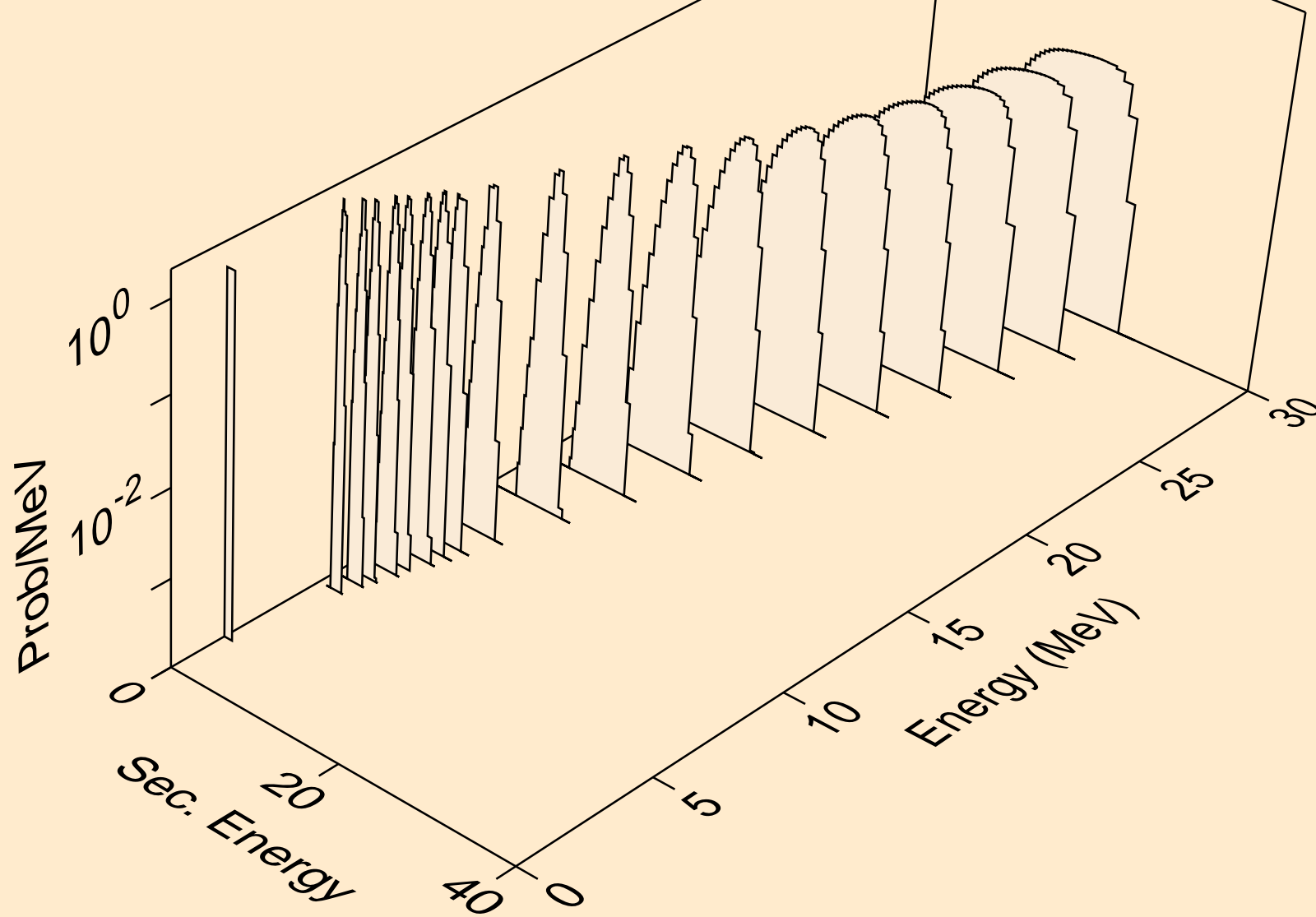
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deuterons from (n,d)



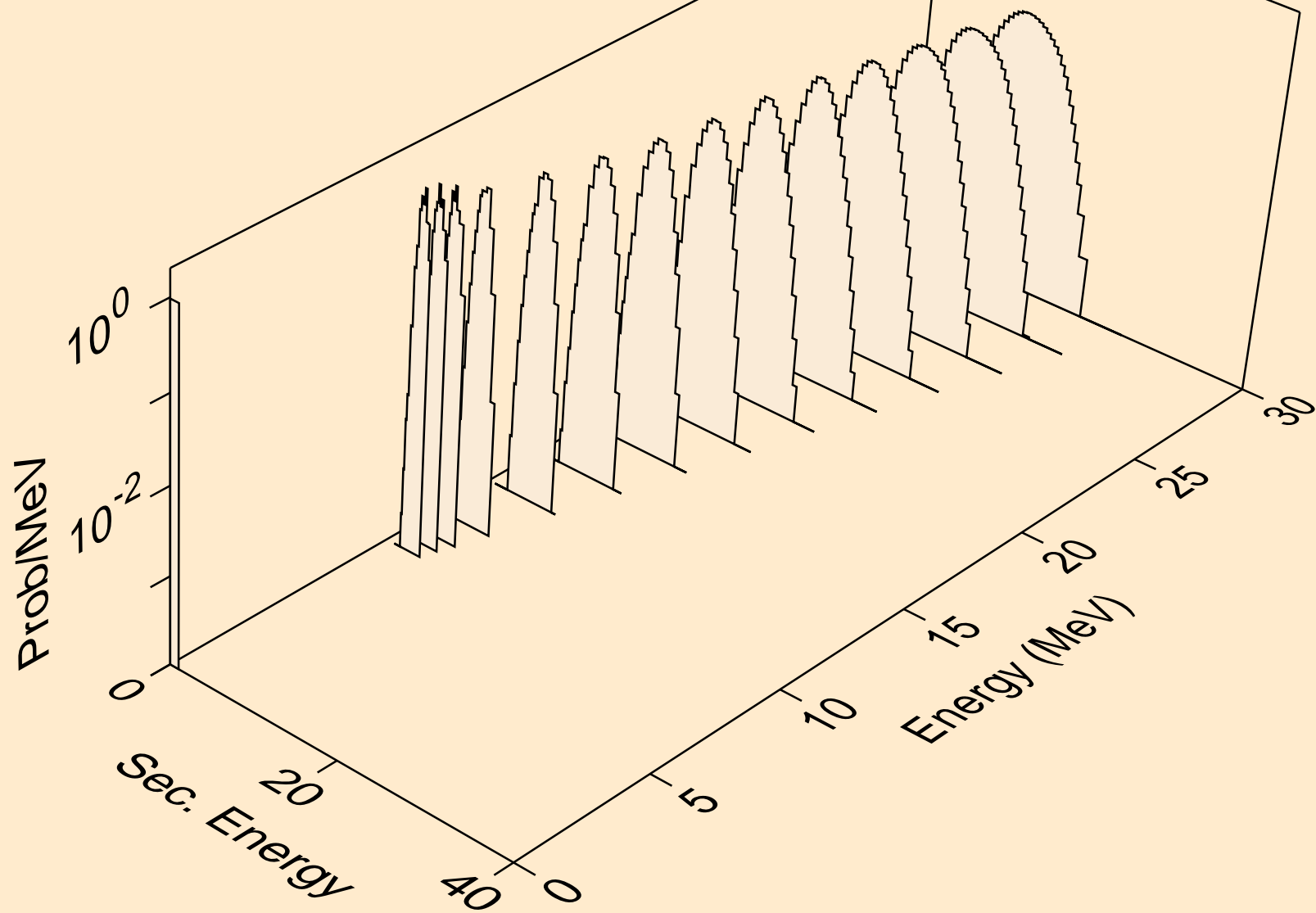
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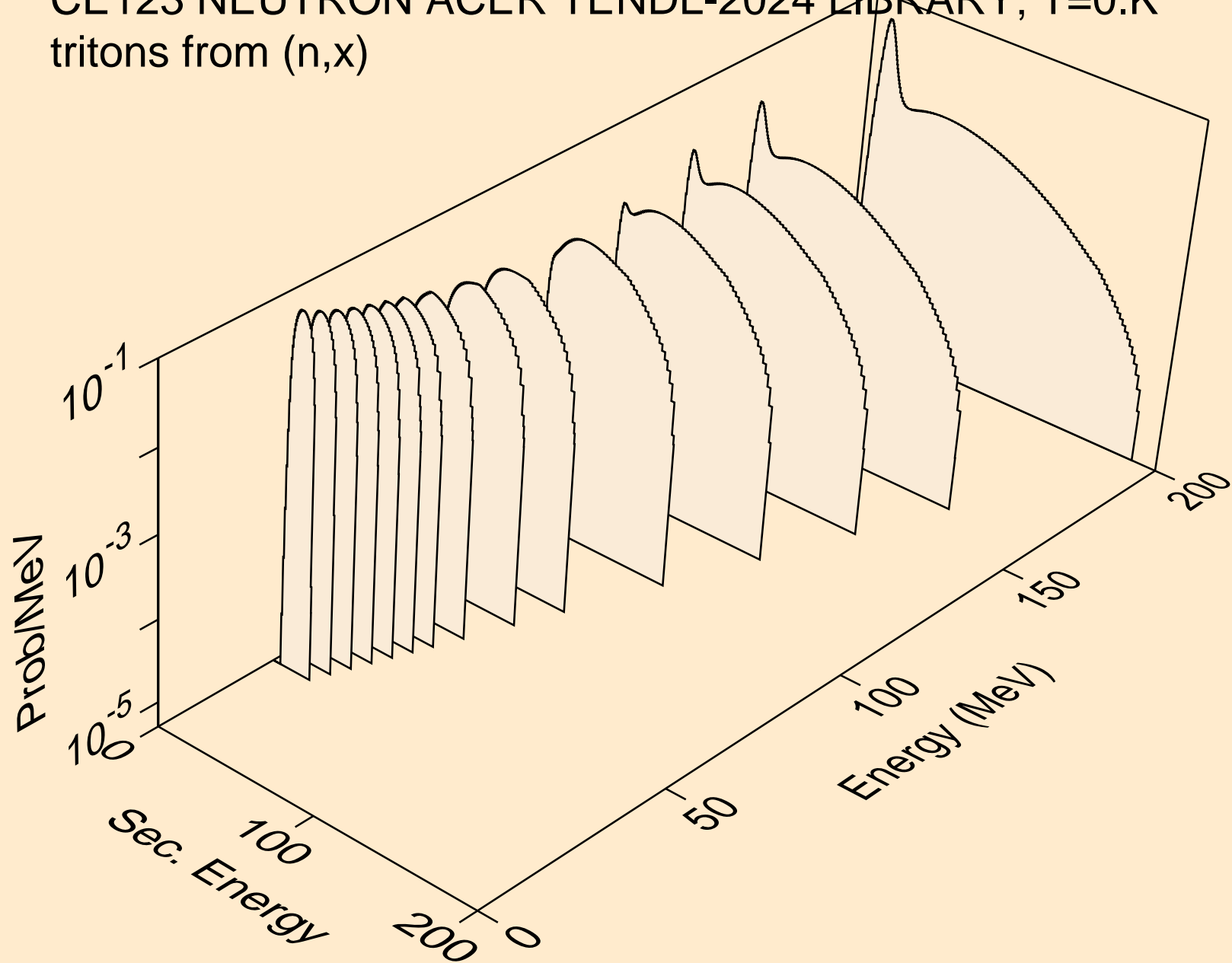
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

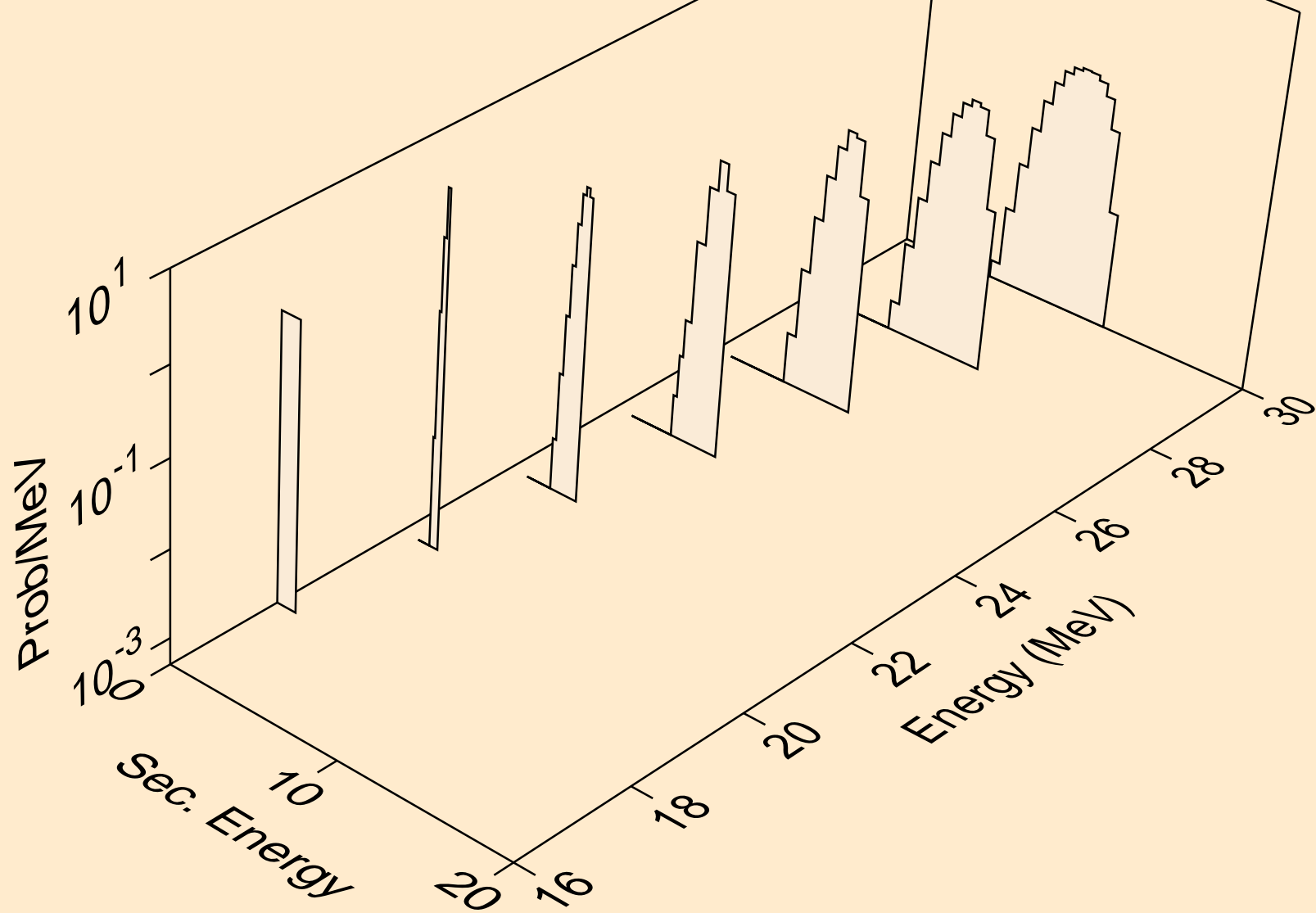


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

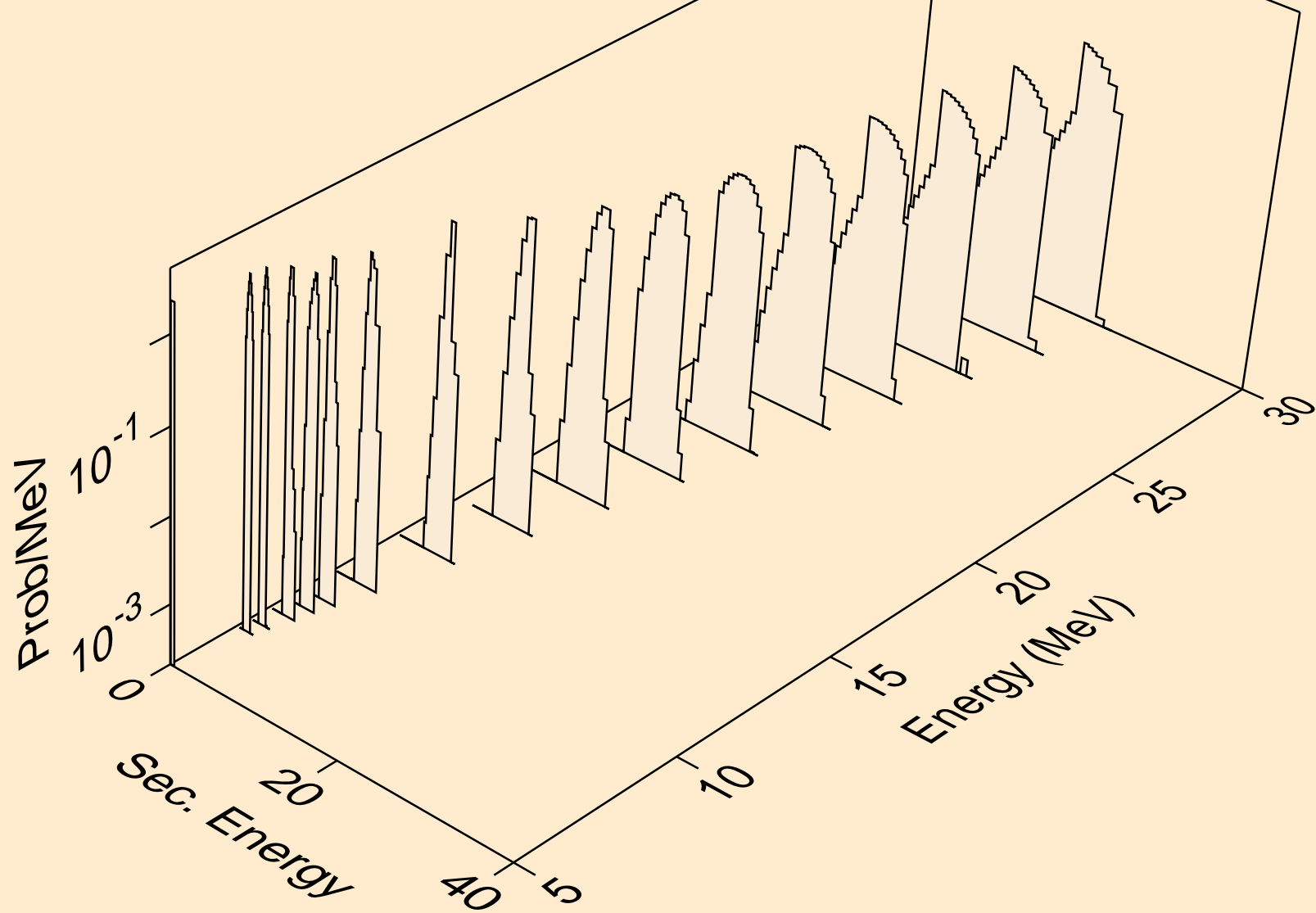




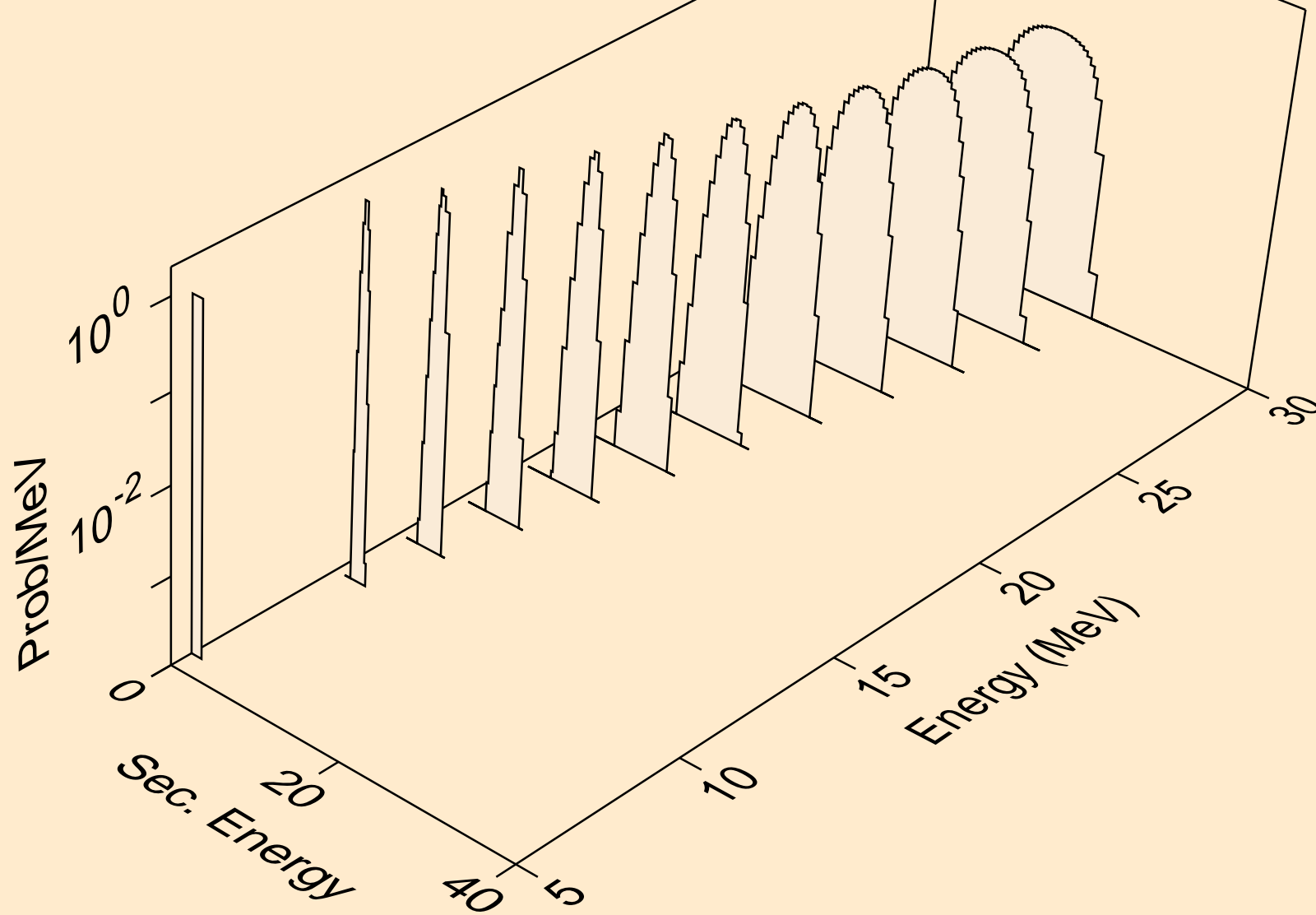
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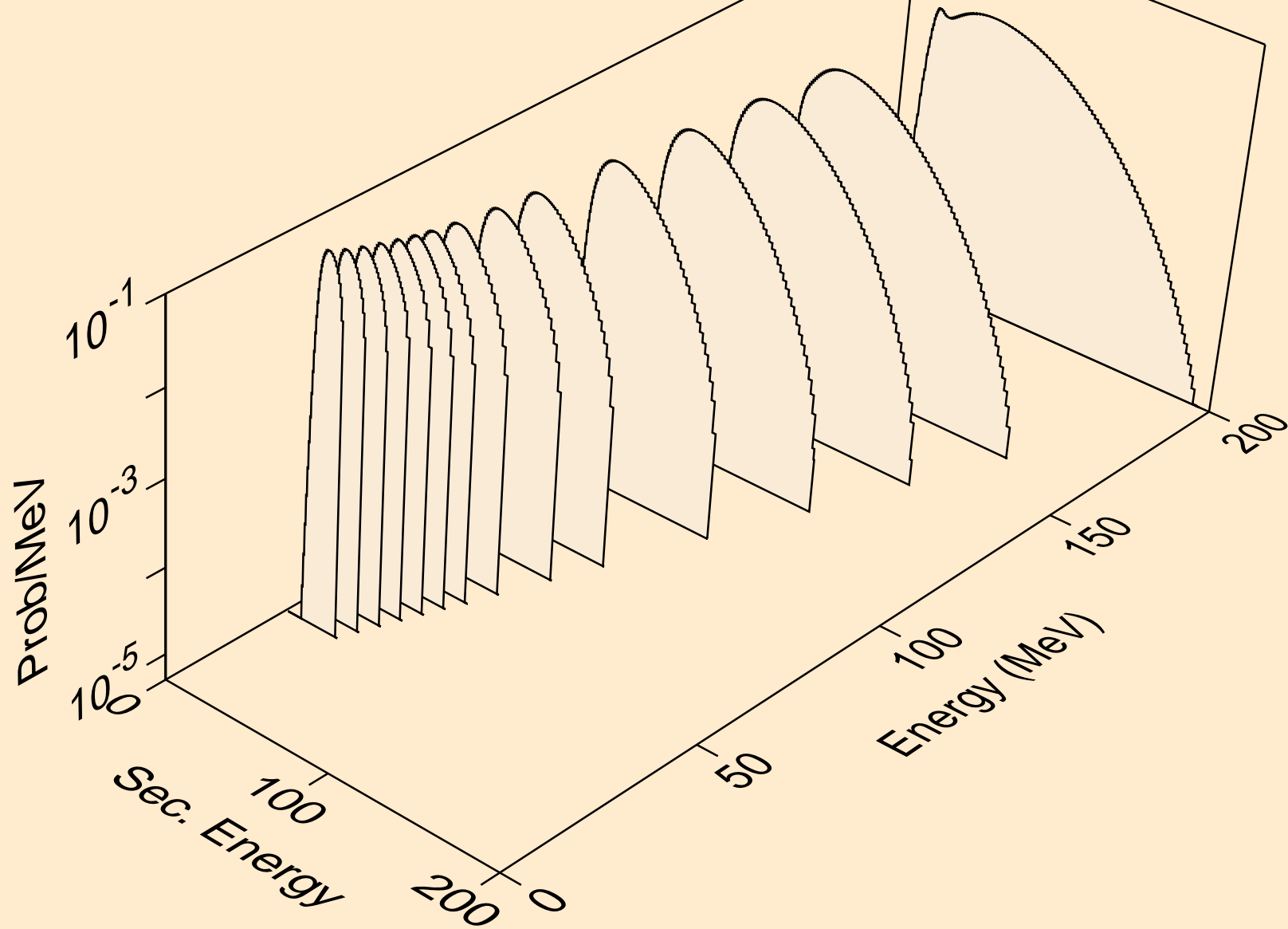
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tritons from (n,t)



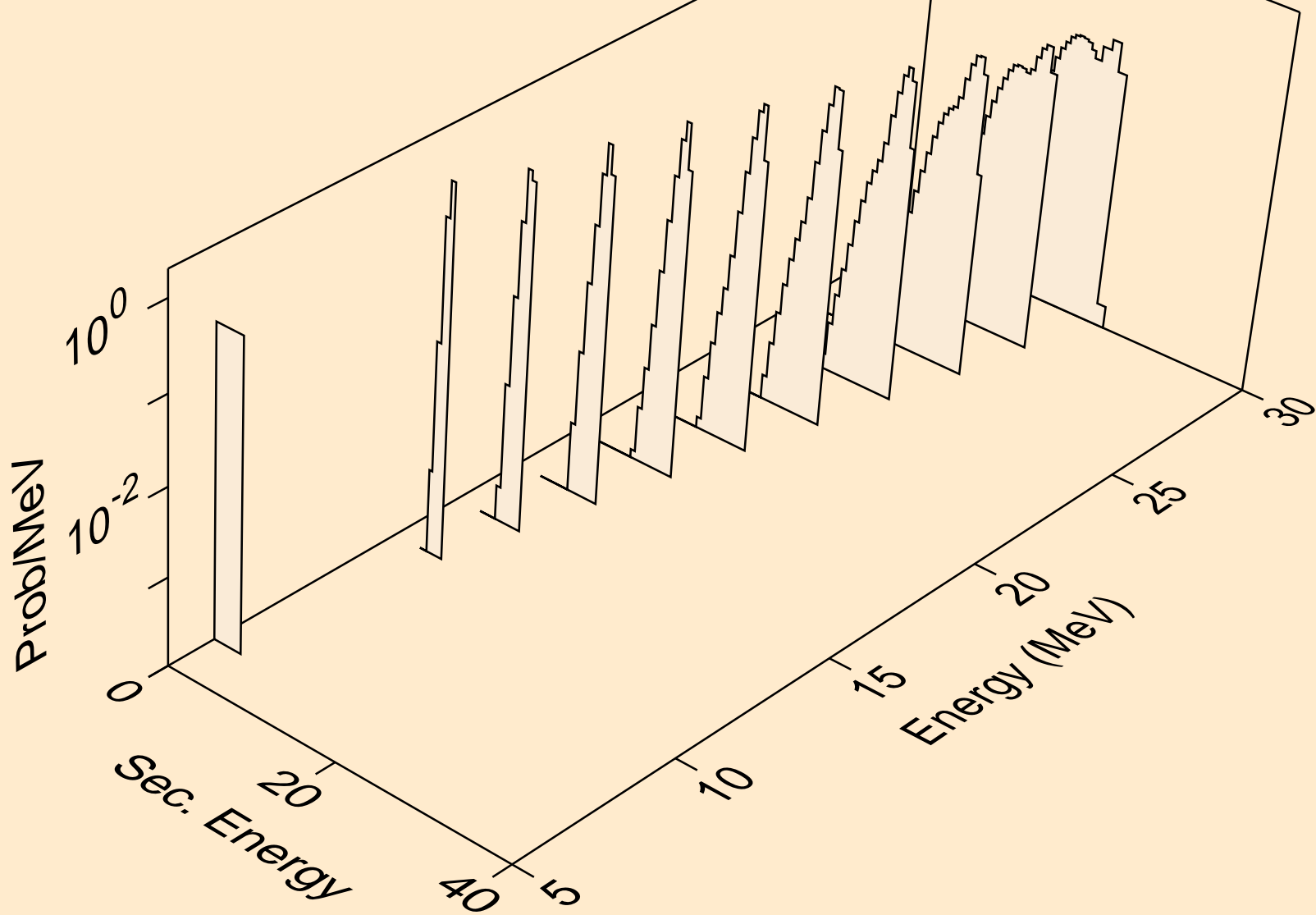
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tritons from (n,pt)



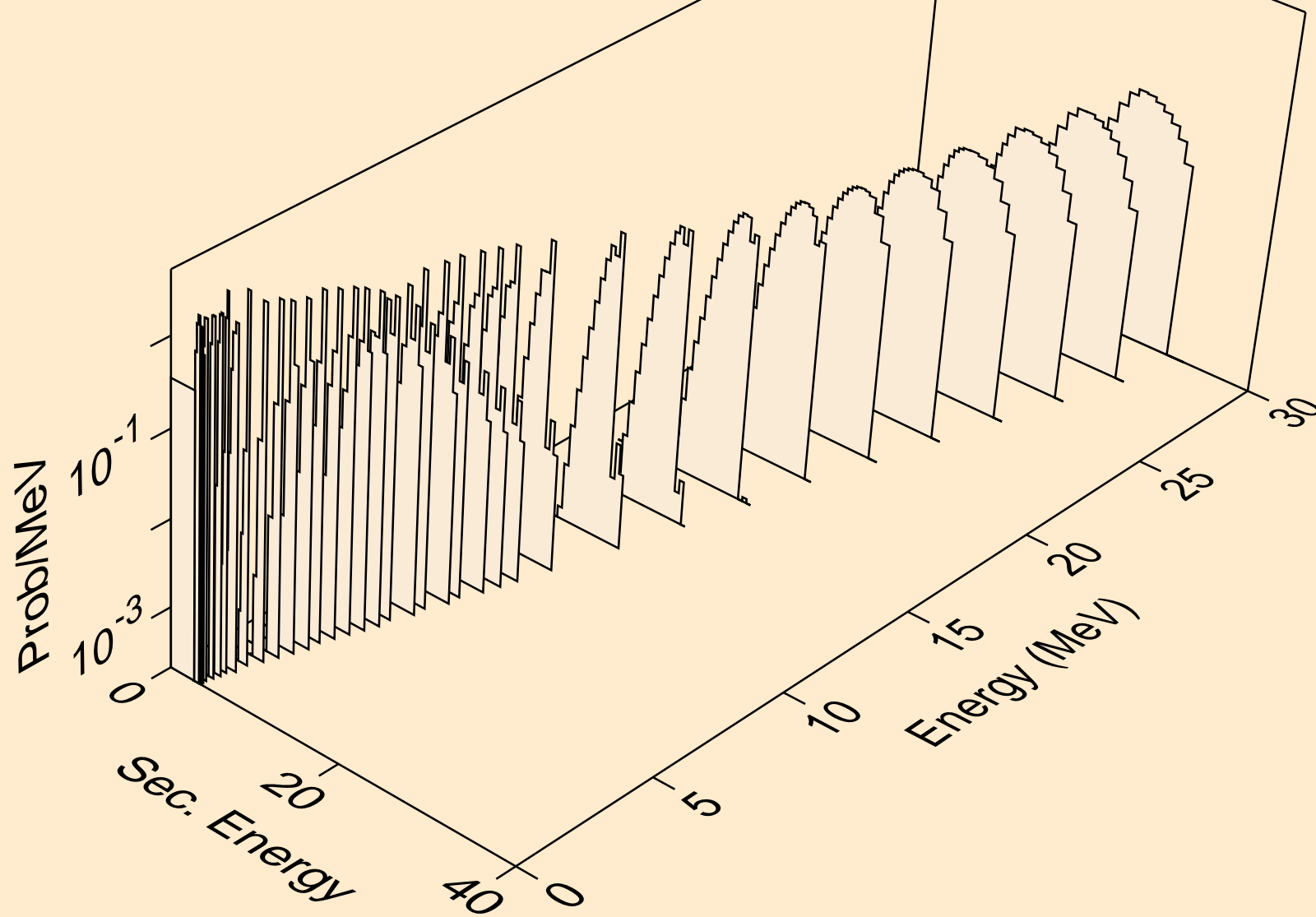
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he3s from (n,x)



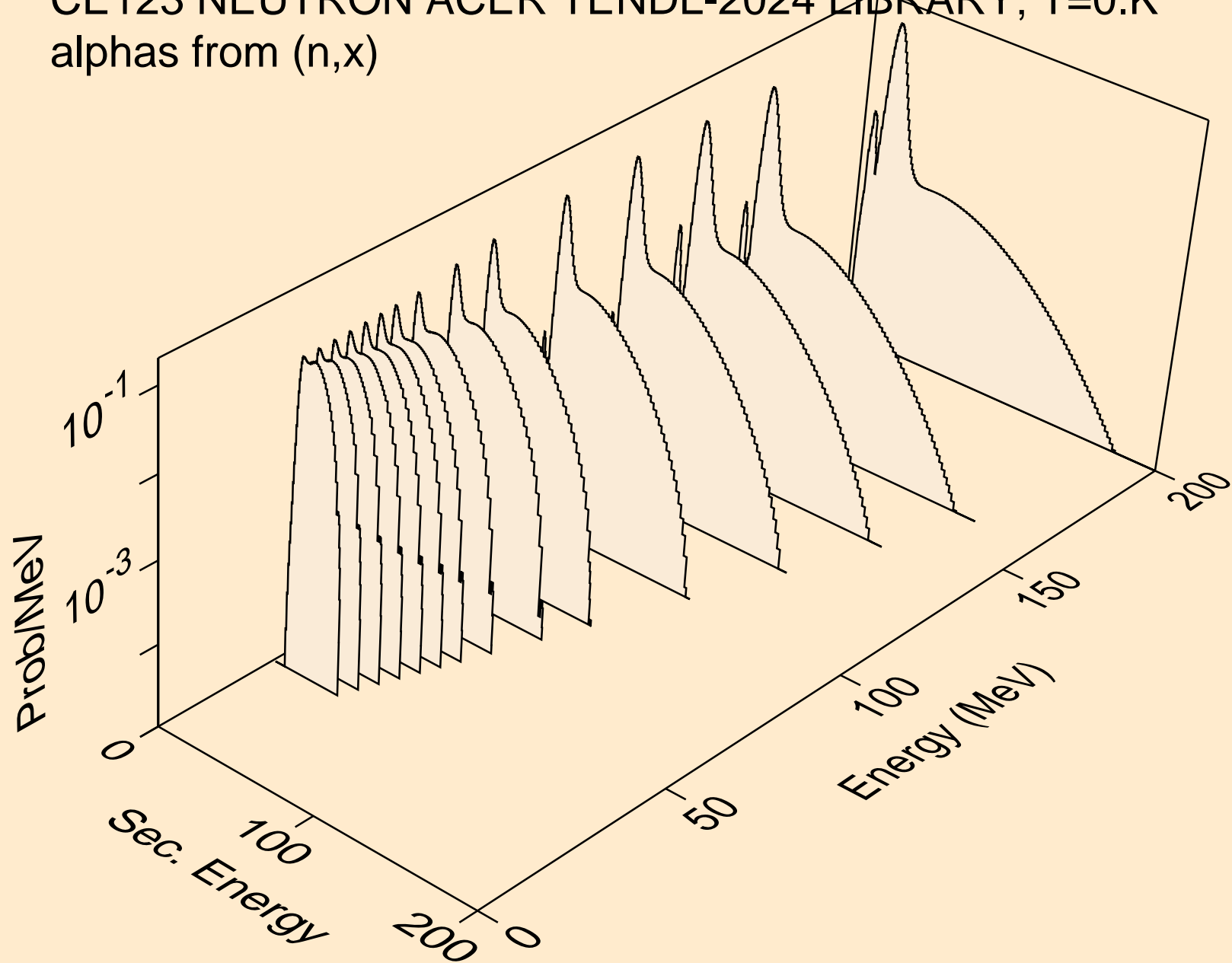
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he3s from (n,n\*)he3



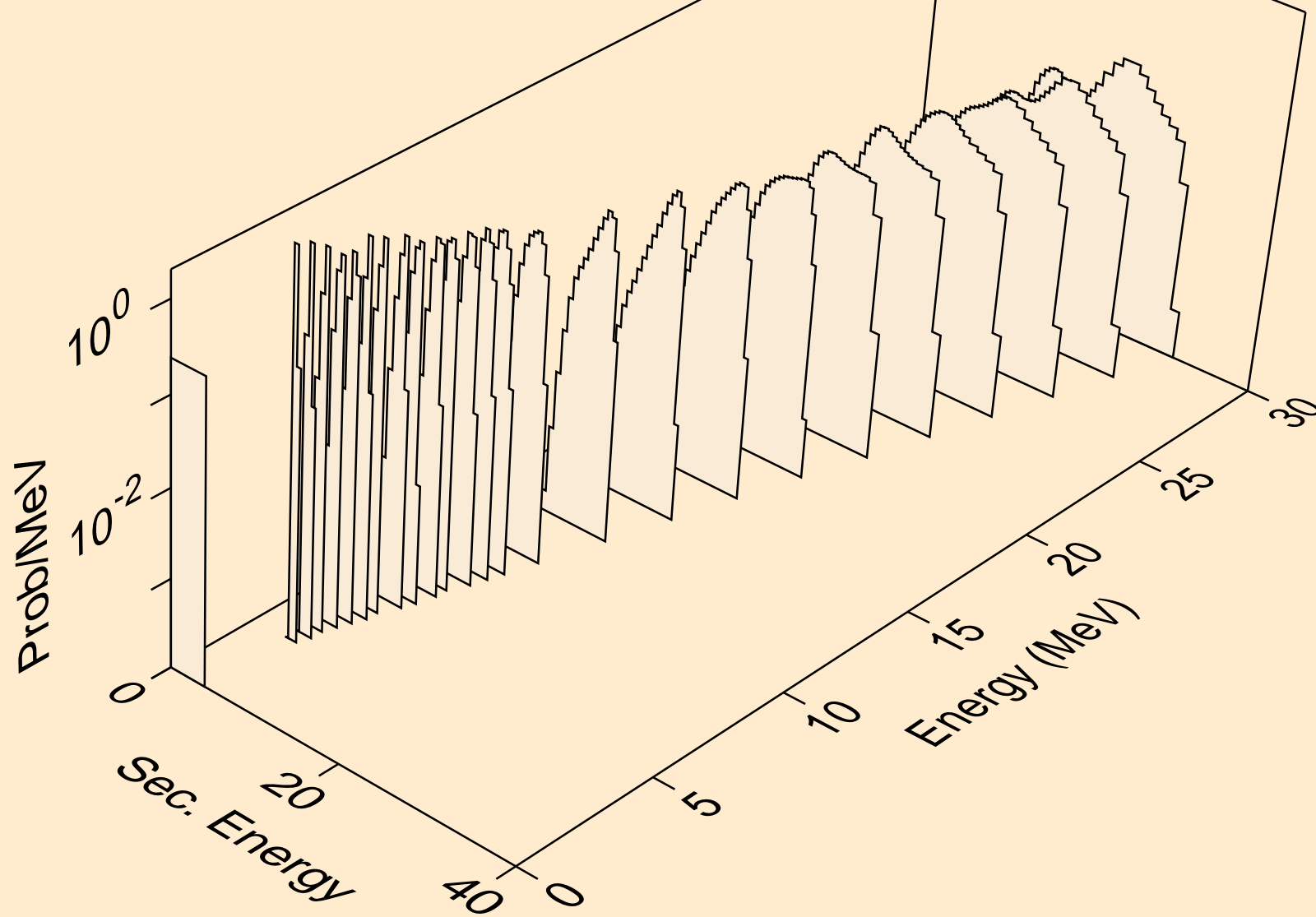
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

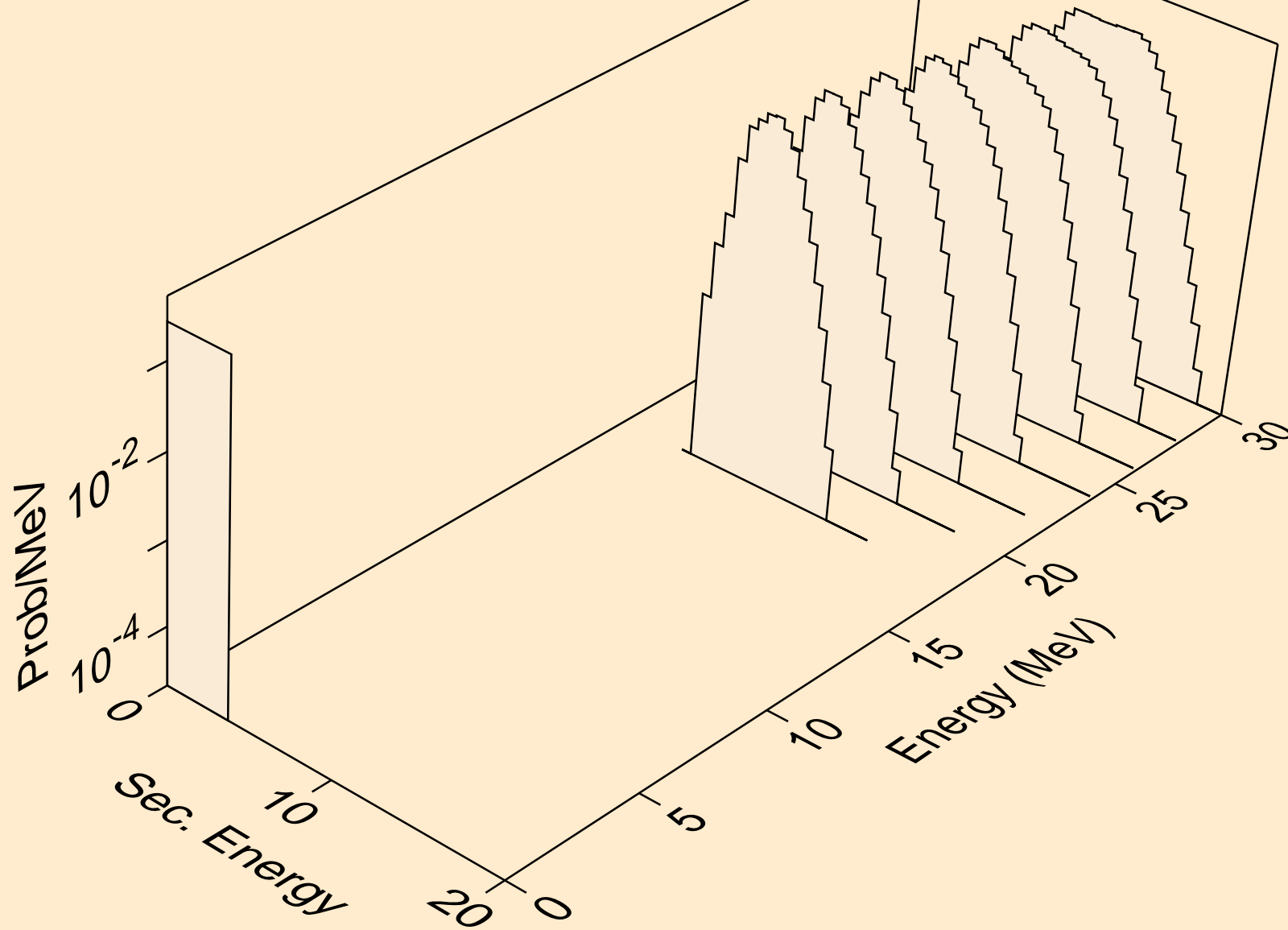


CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

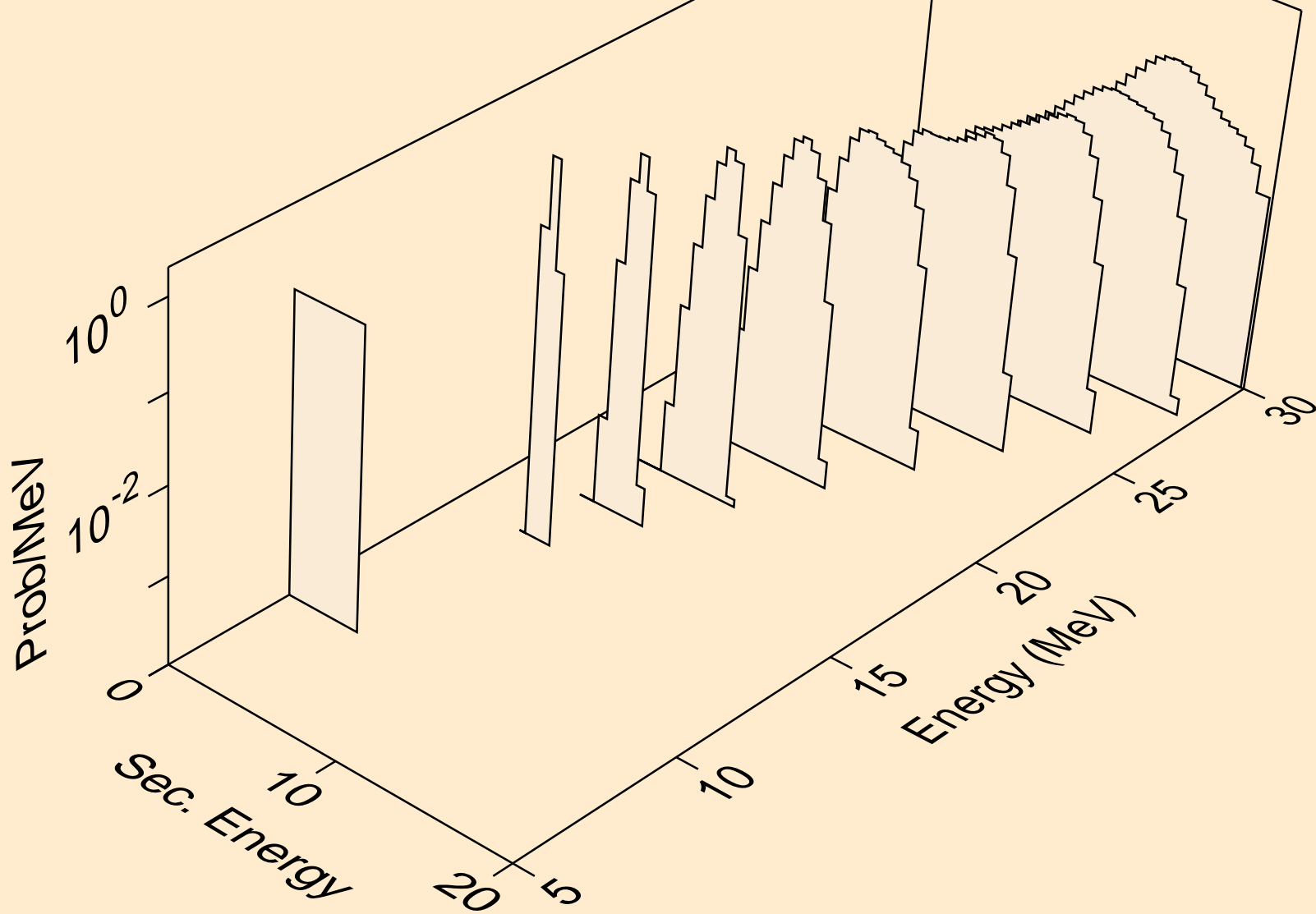




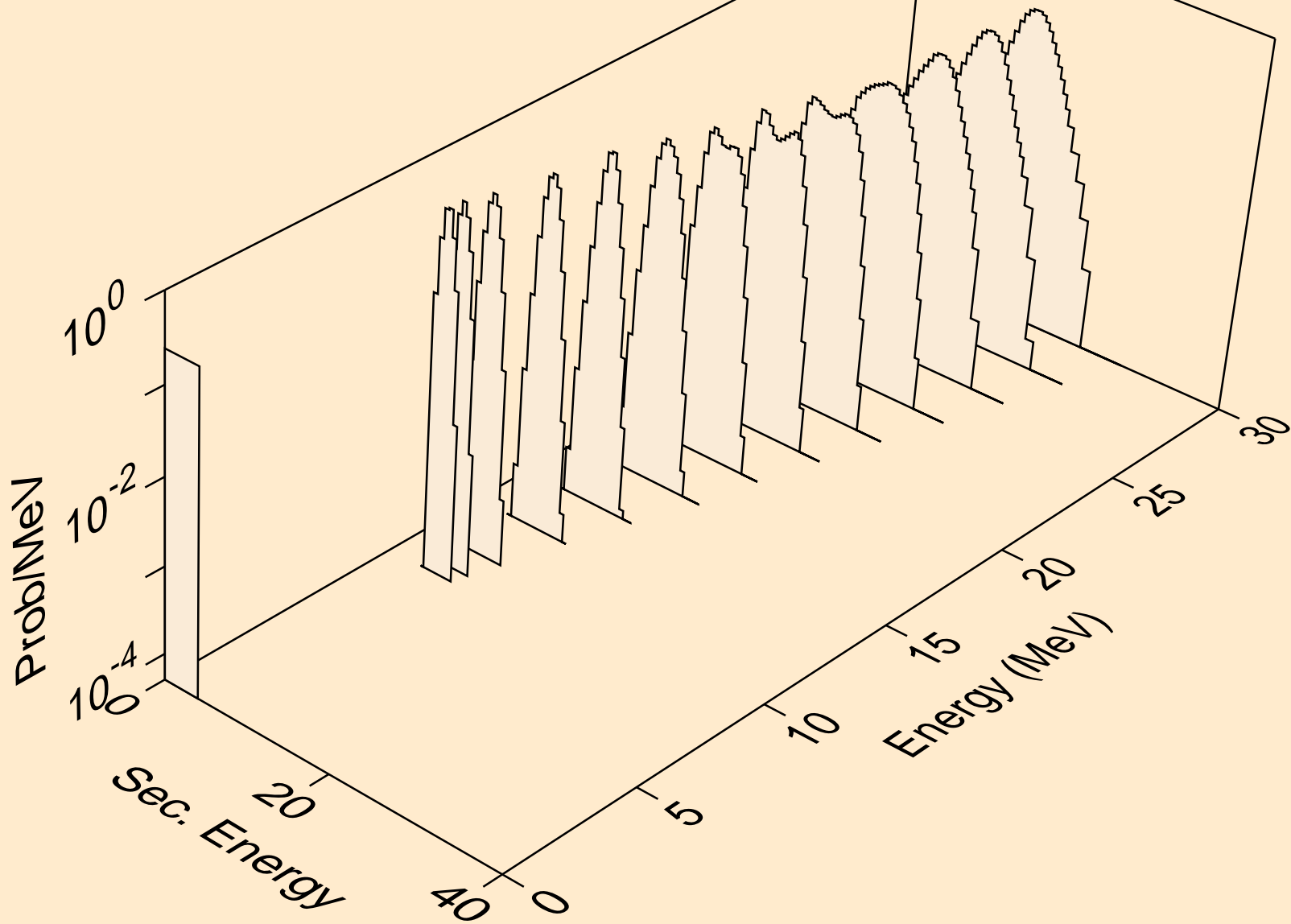
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



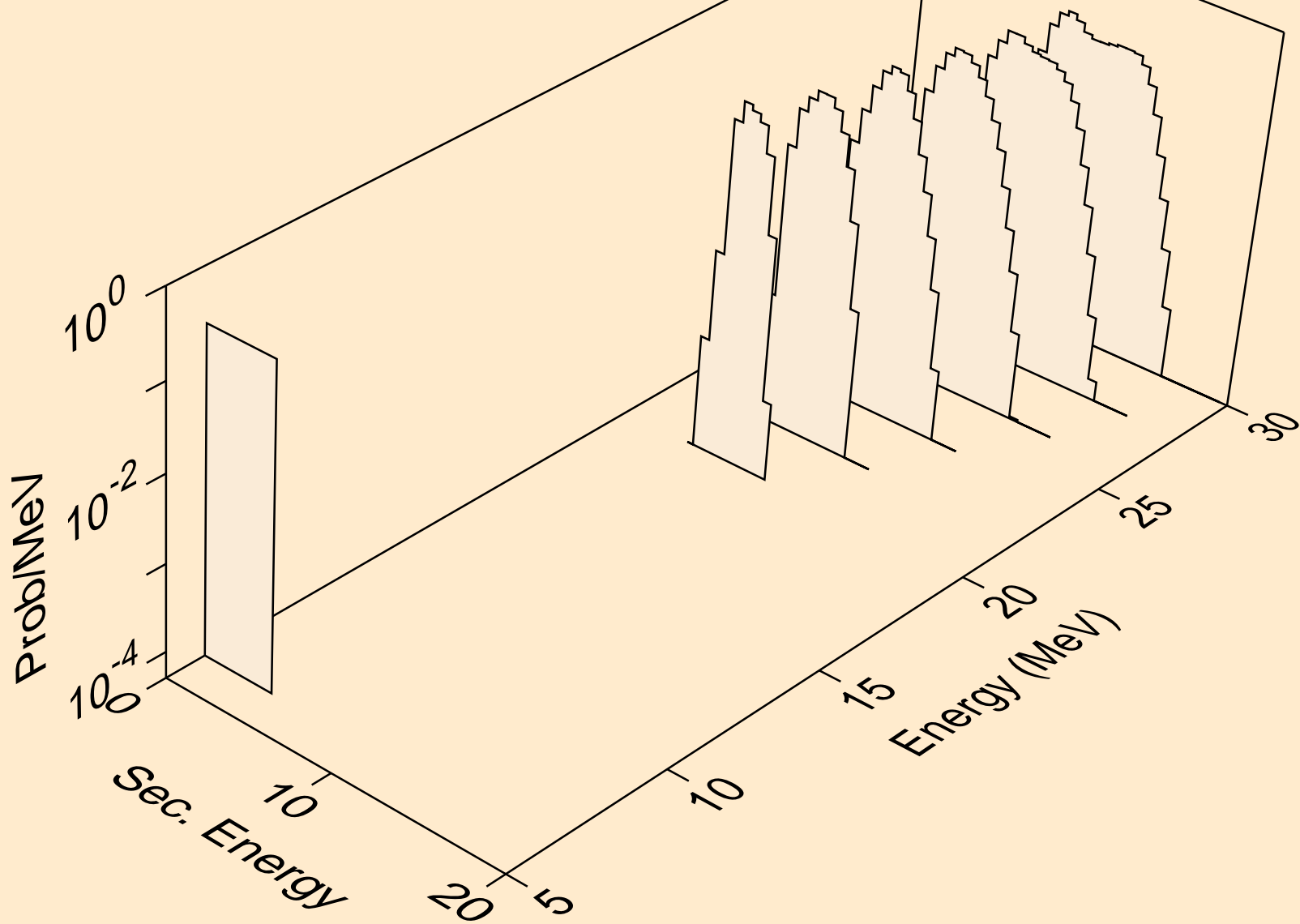
CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



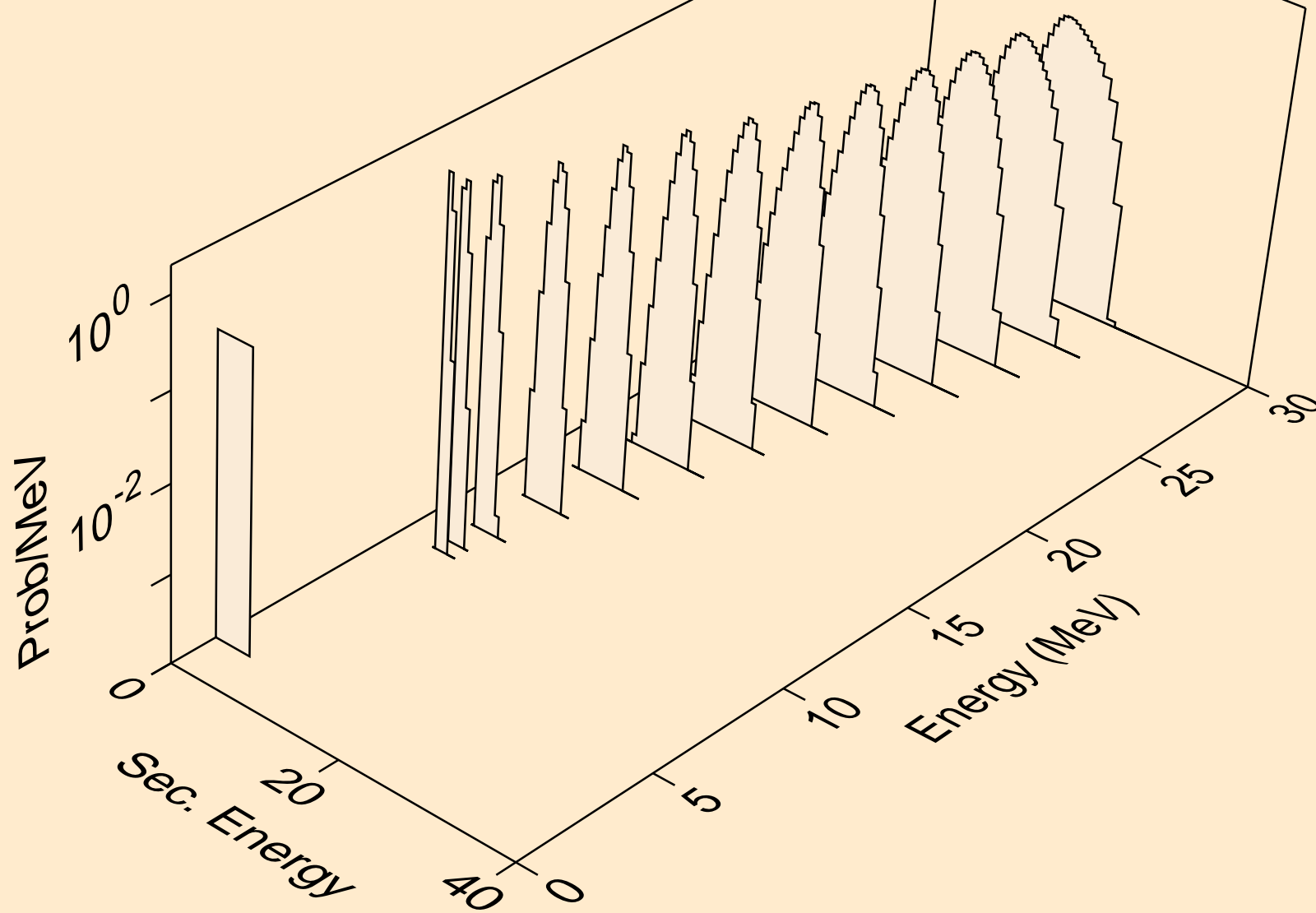
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alphas from (n,n\*)2a



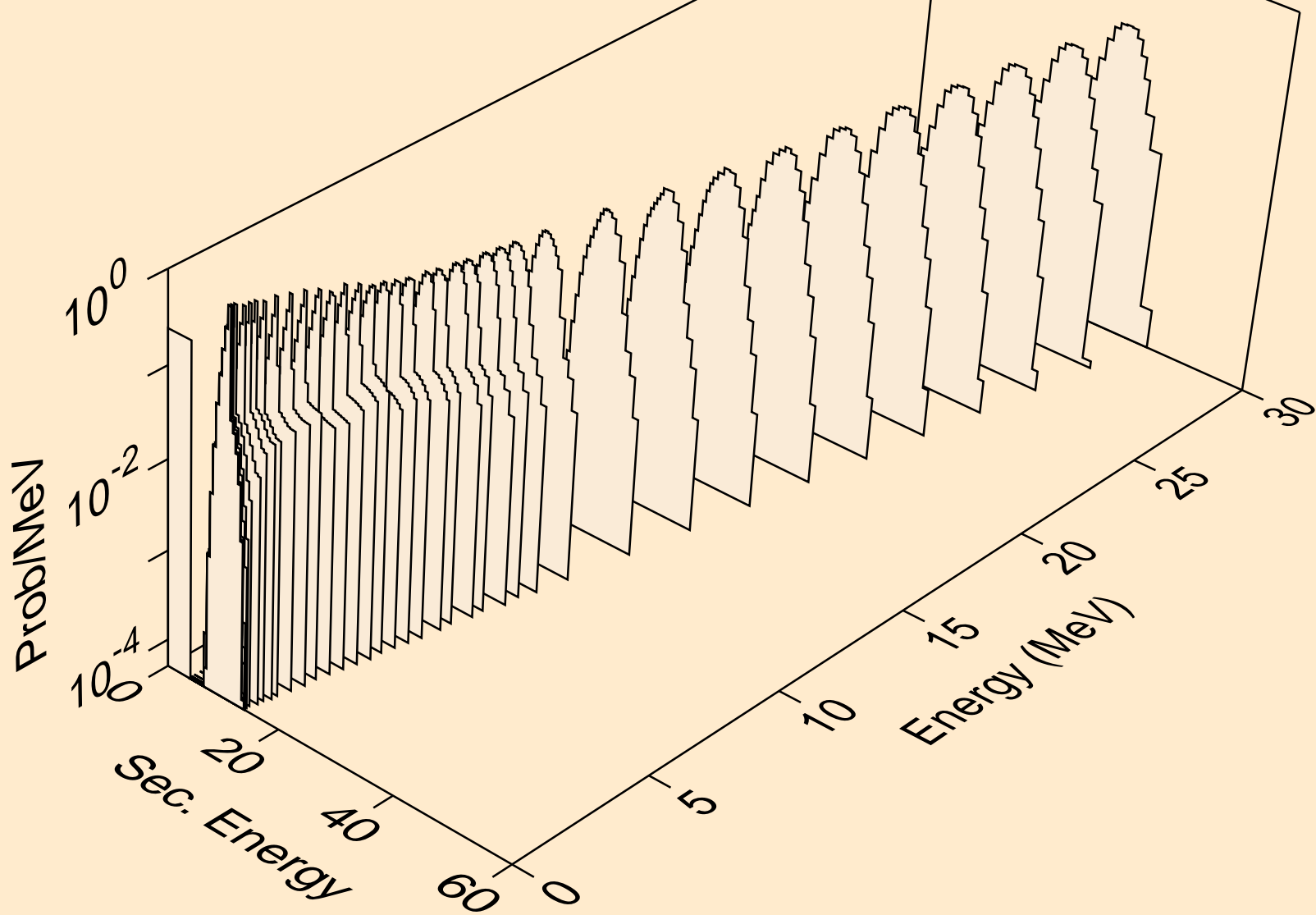
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alphas from (n,2n)2a



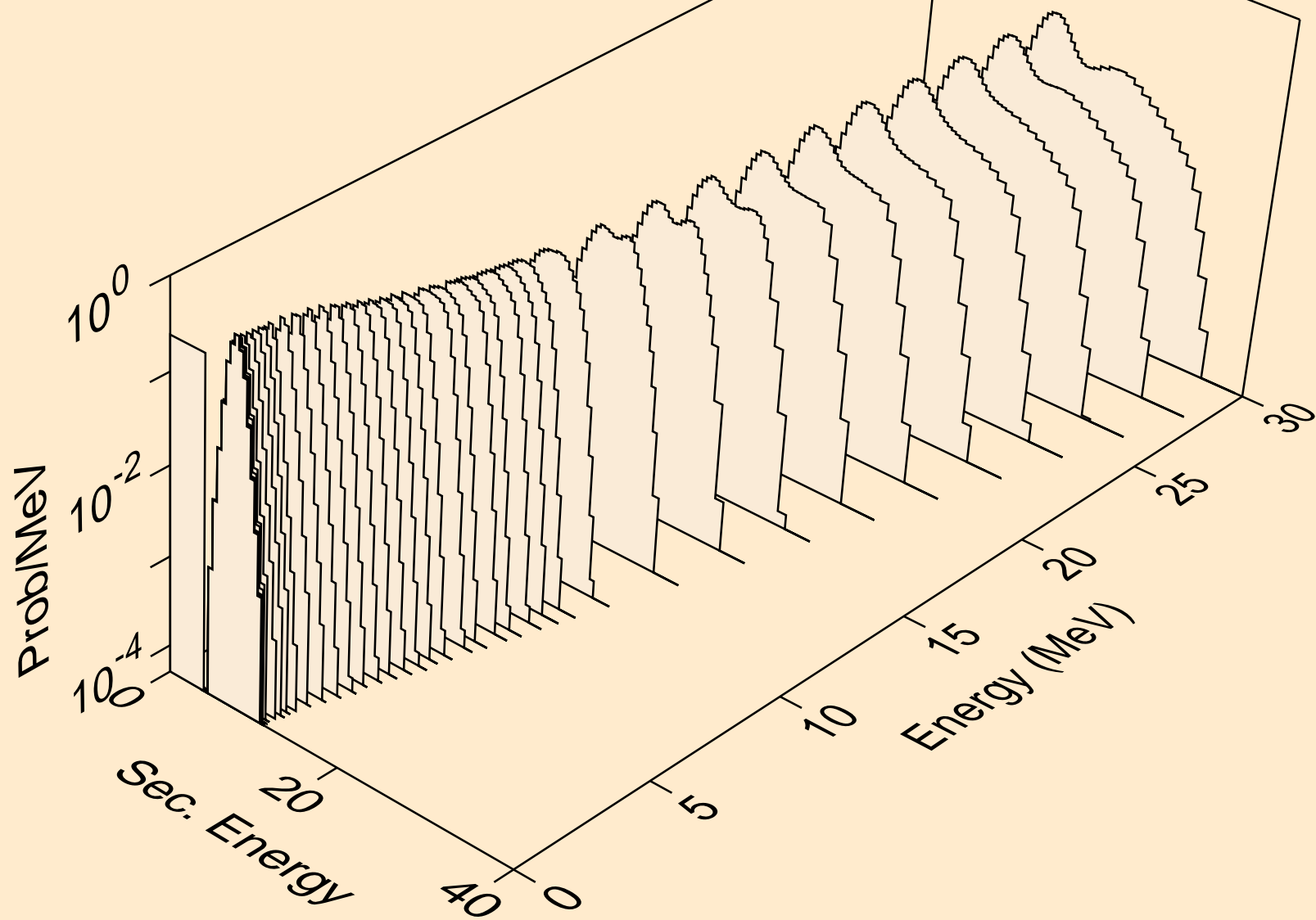
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alphas from (n,npa)



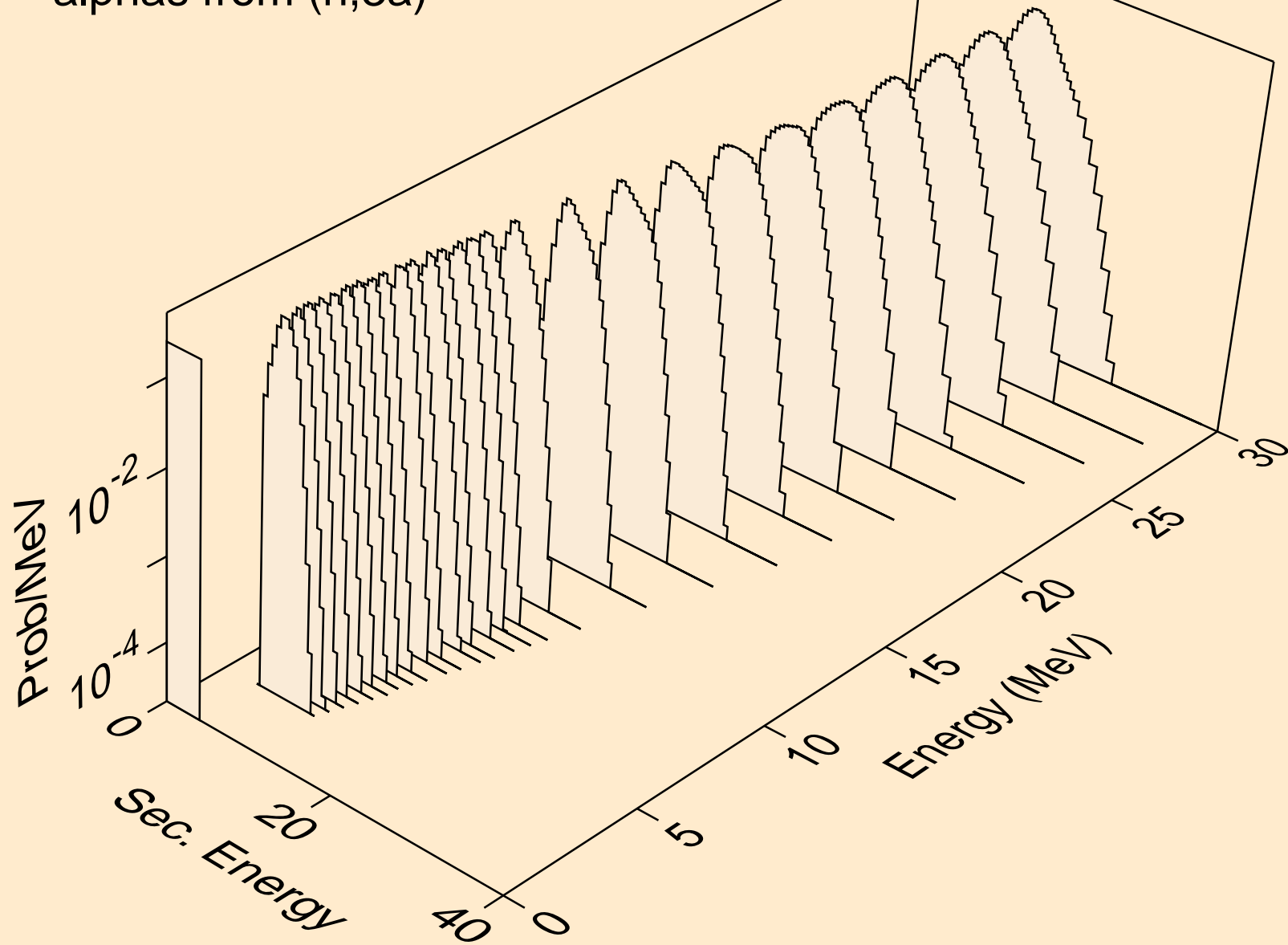
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alphas from (n,a)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)

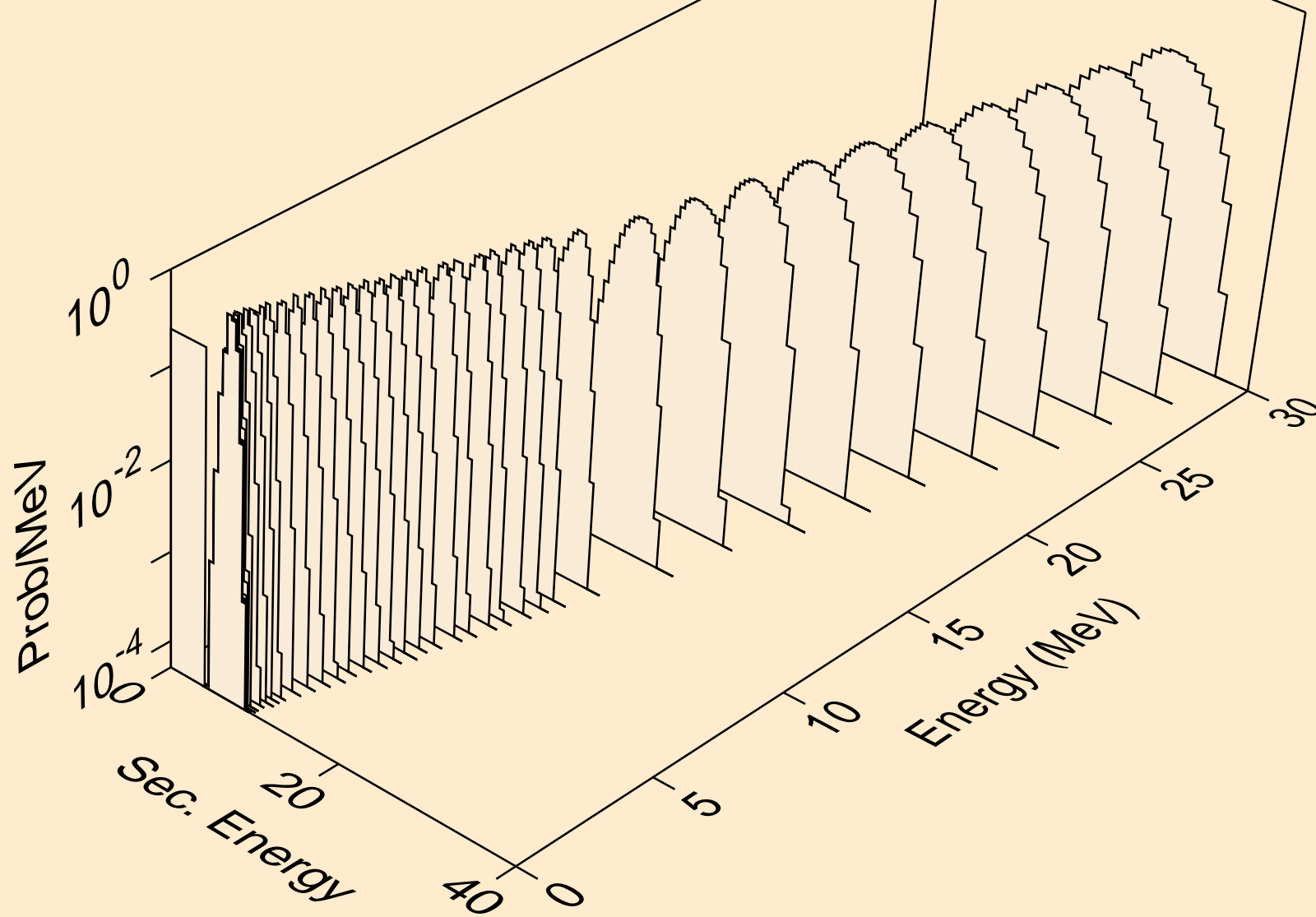


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alphas from (n,3a)

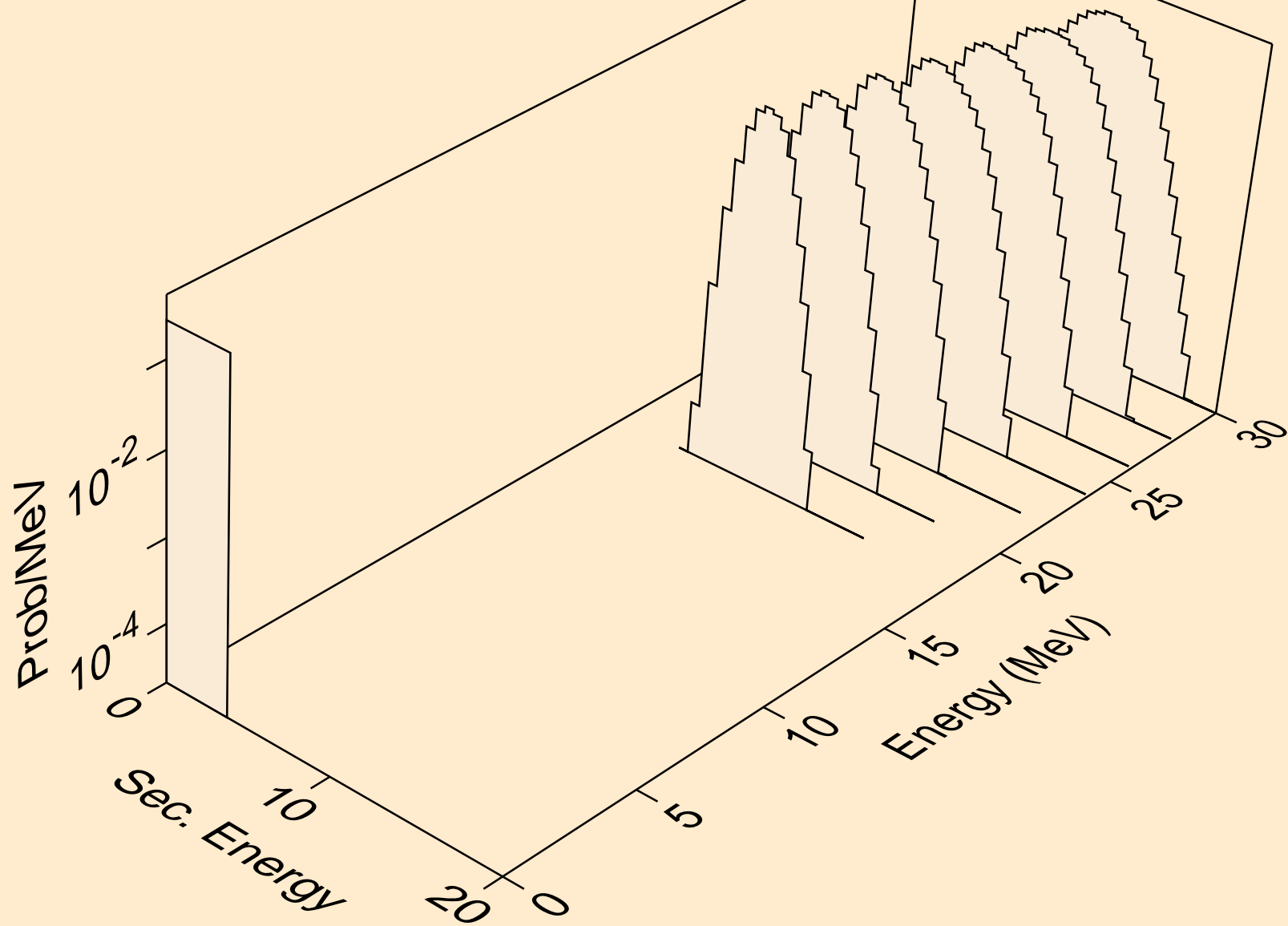




CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



CE123 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

