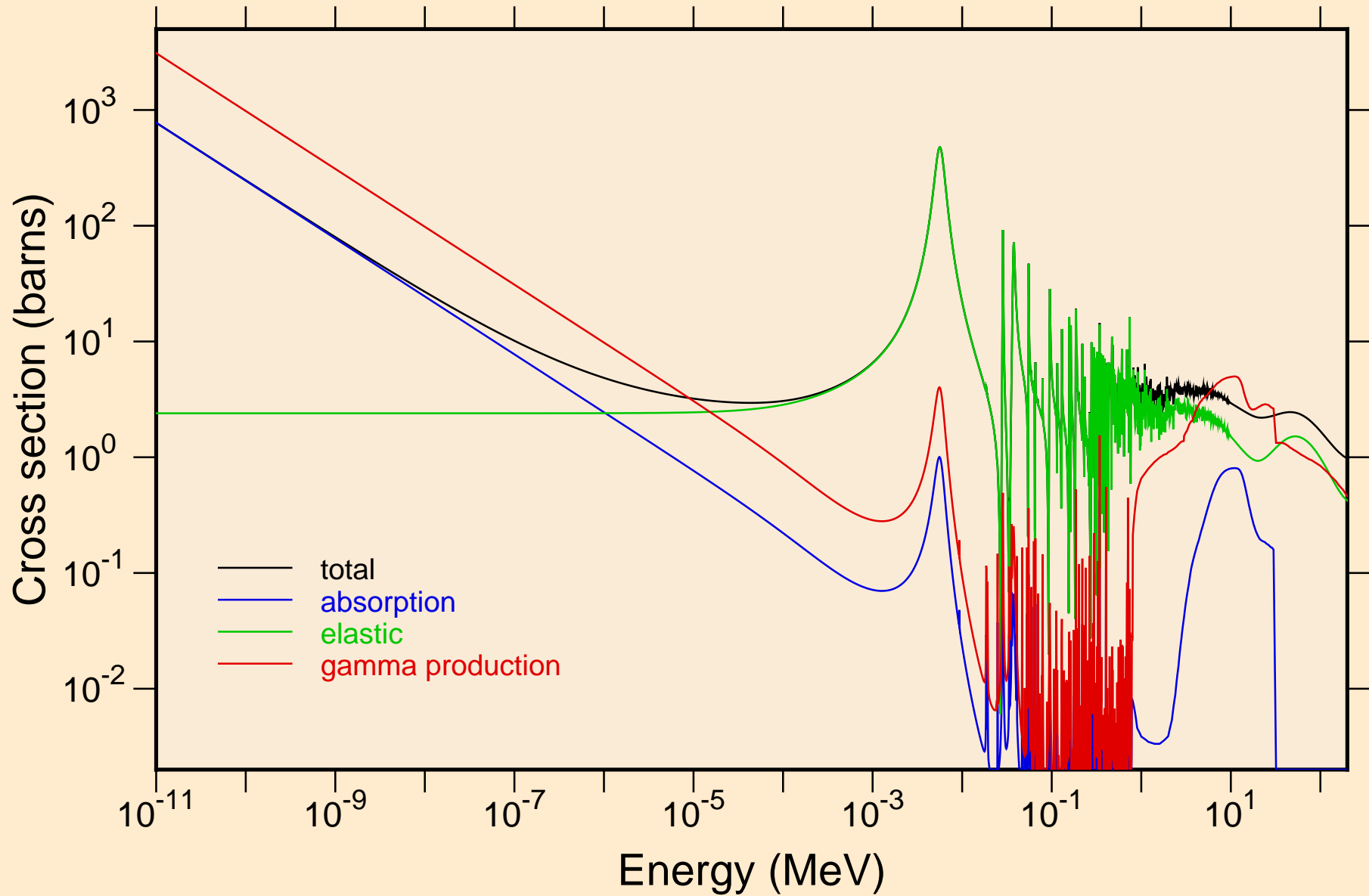
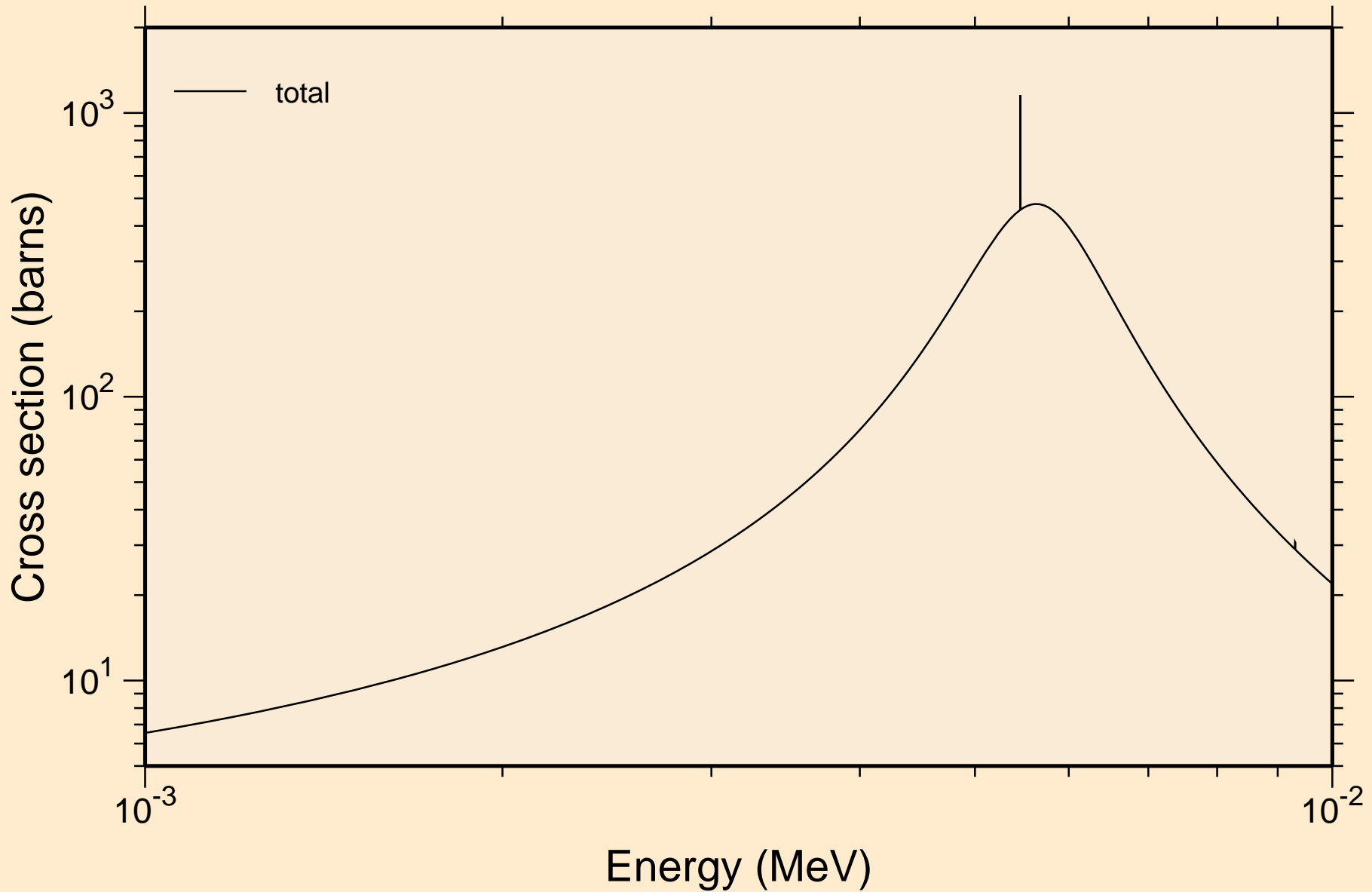


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

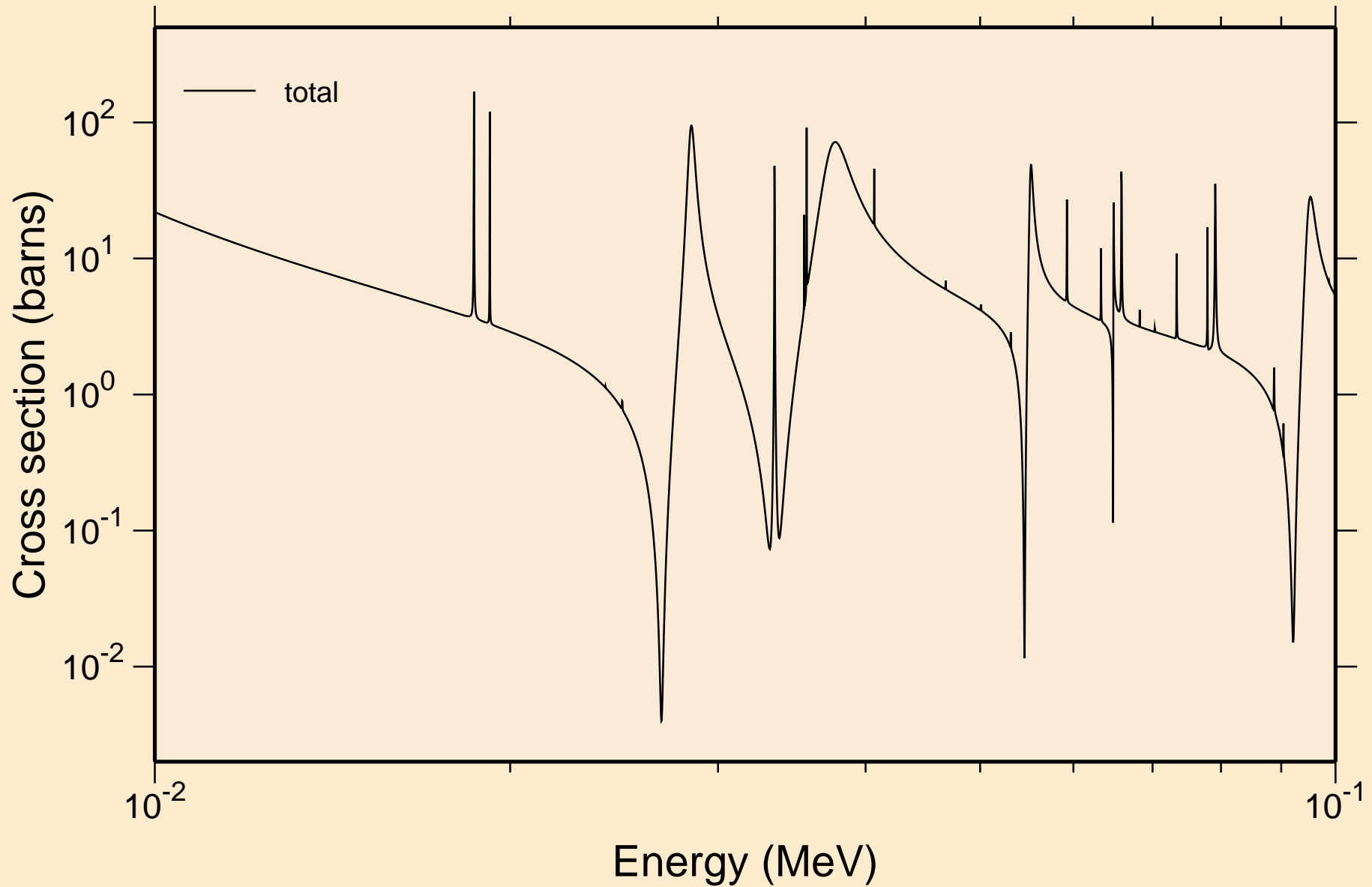
## Principal cross sections



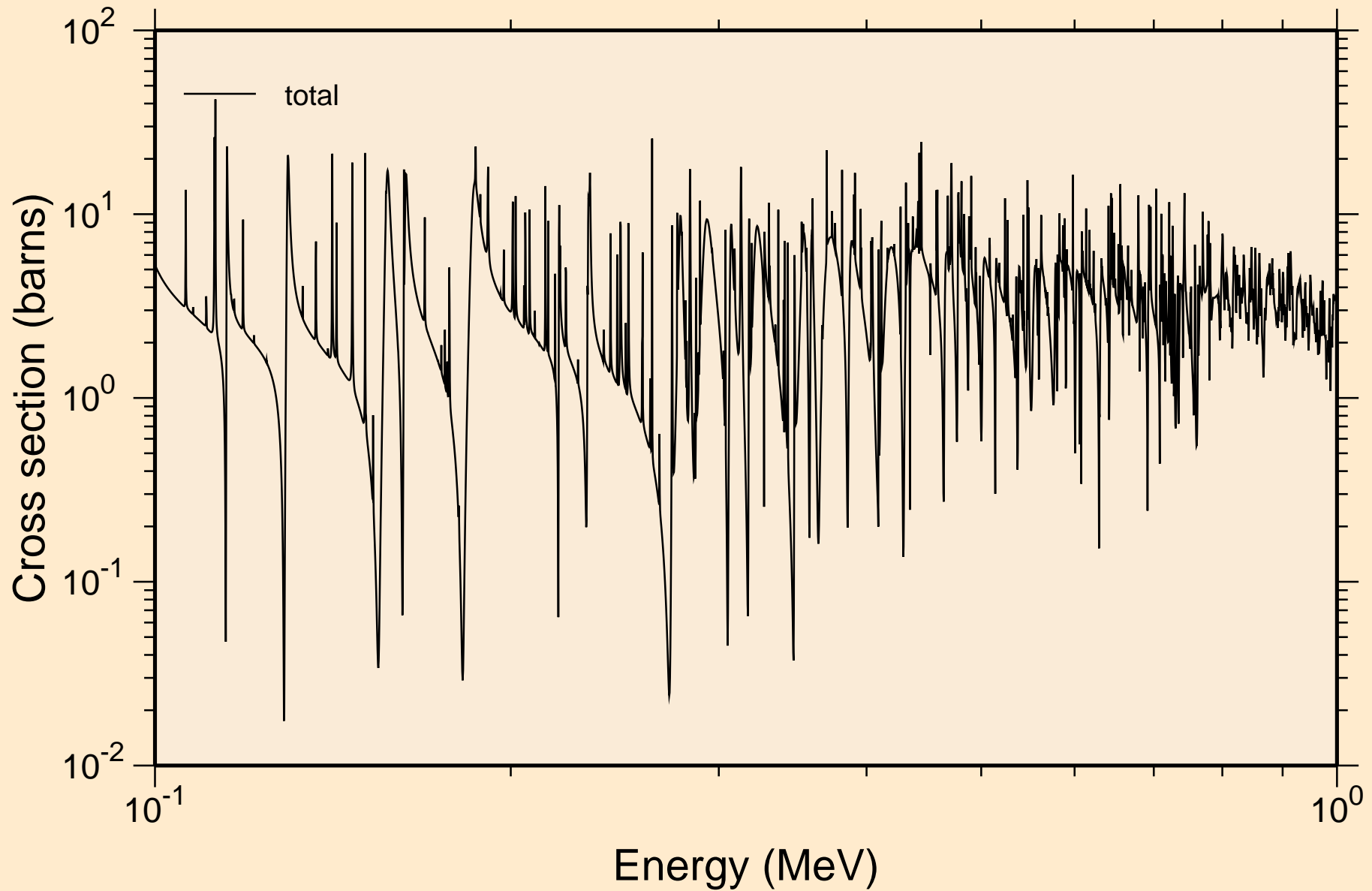
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



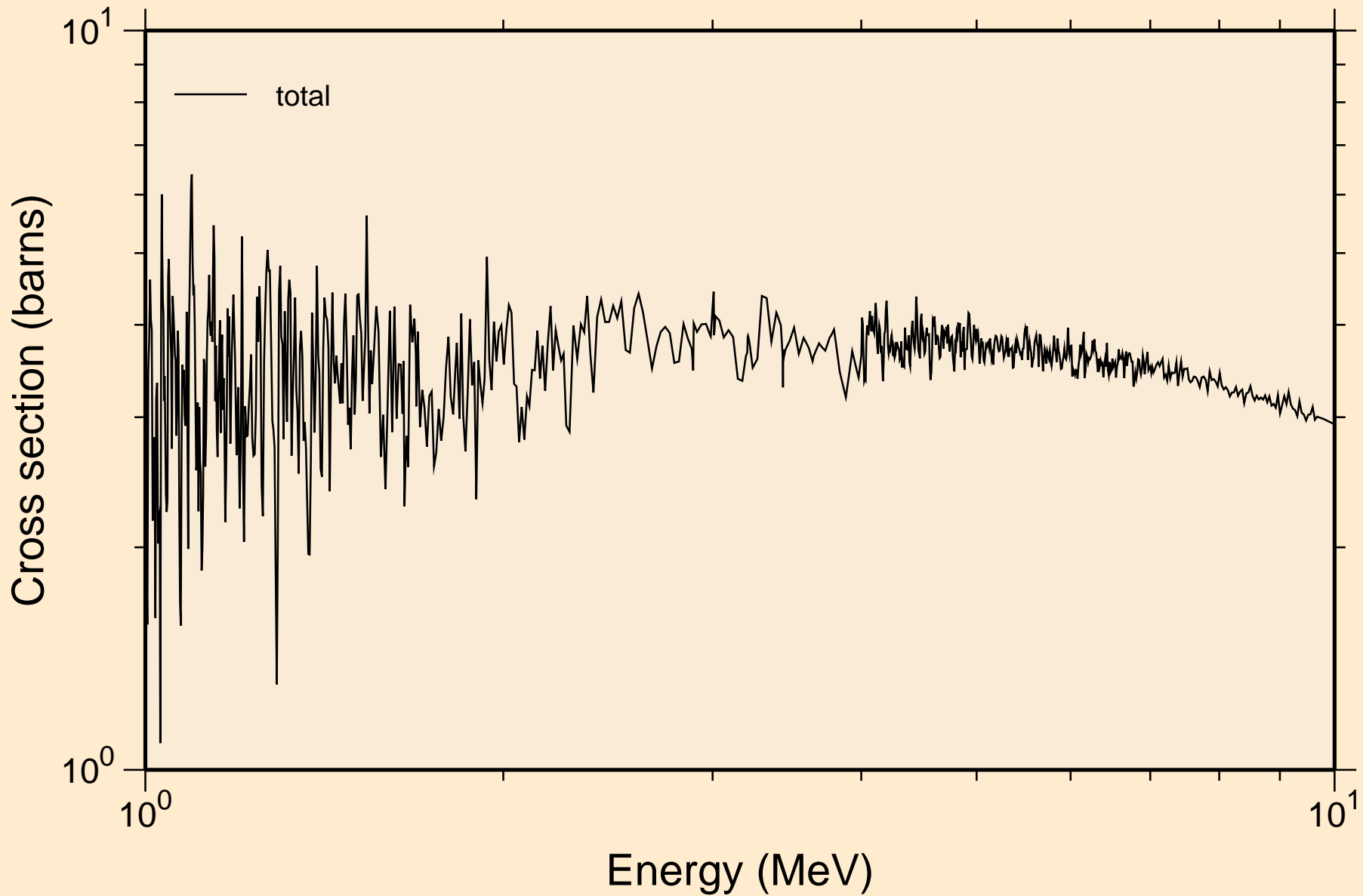
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



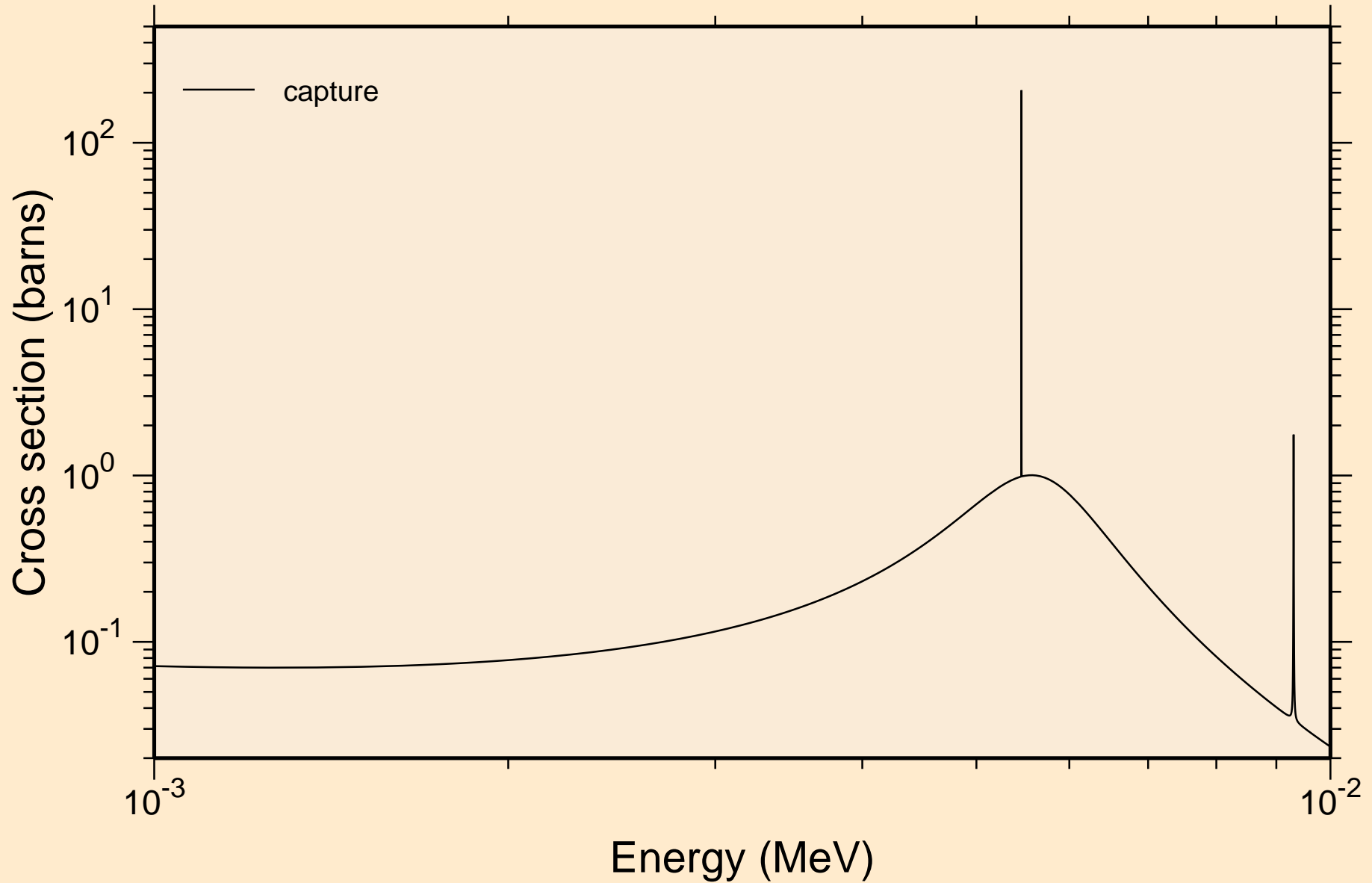
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



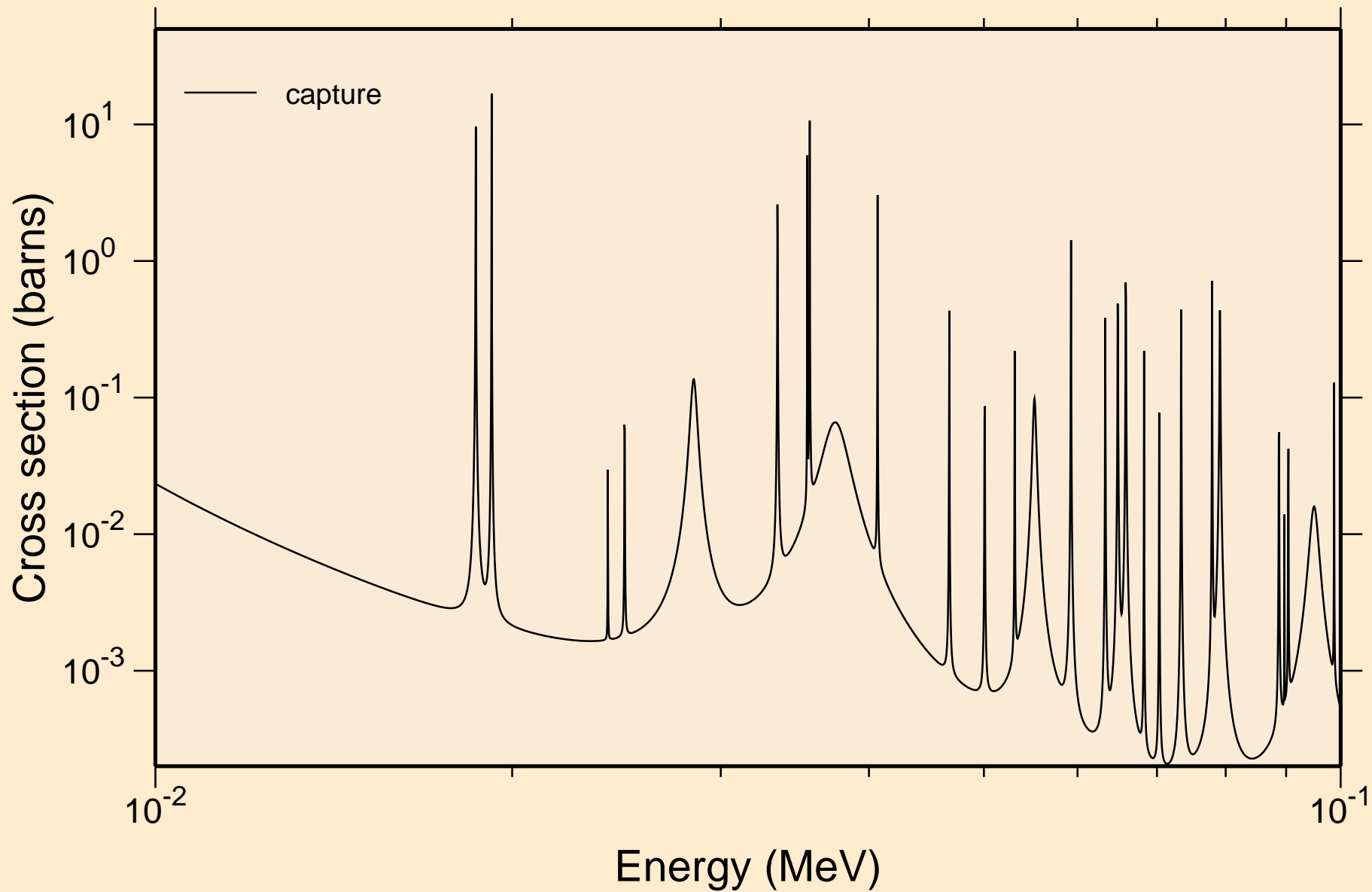
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



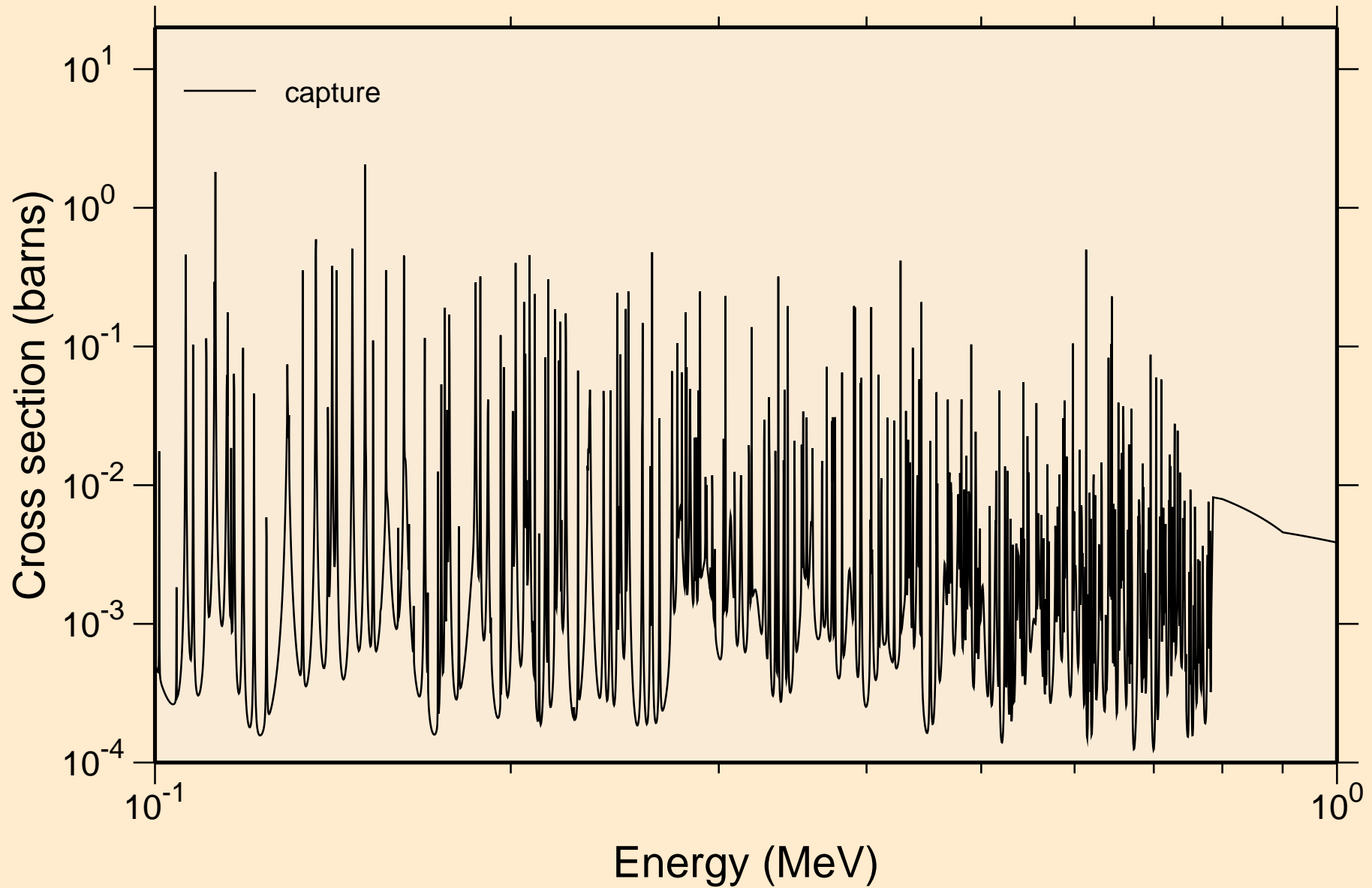
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

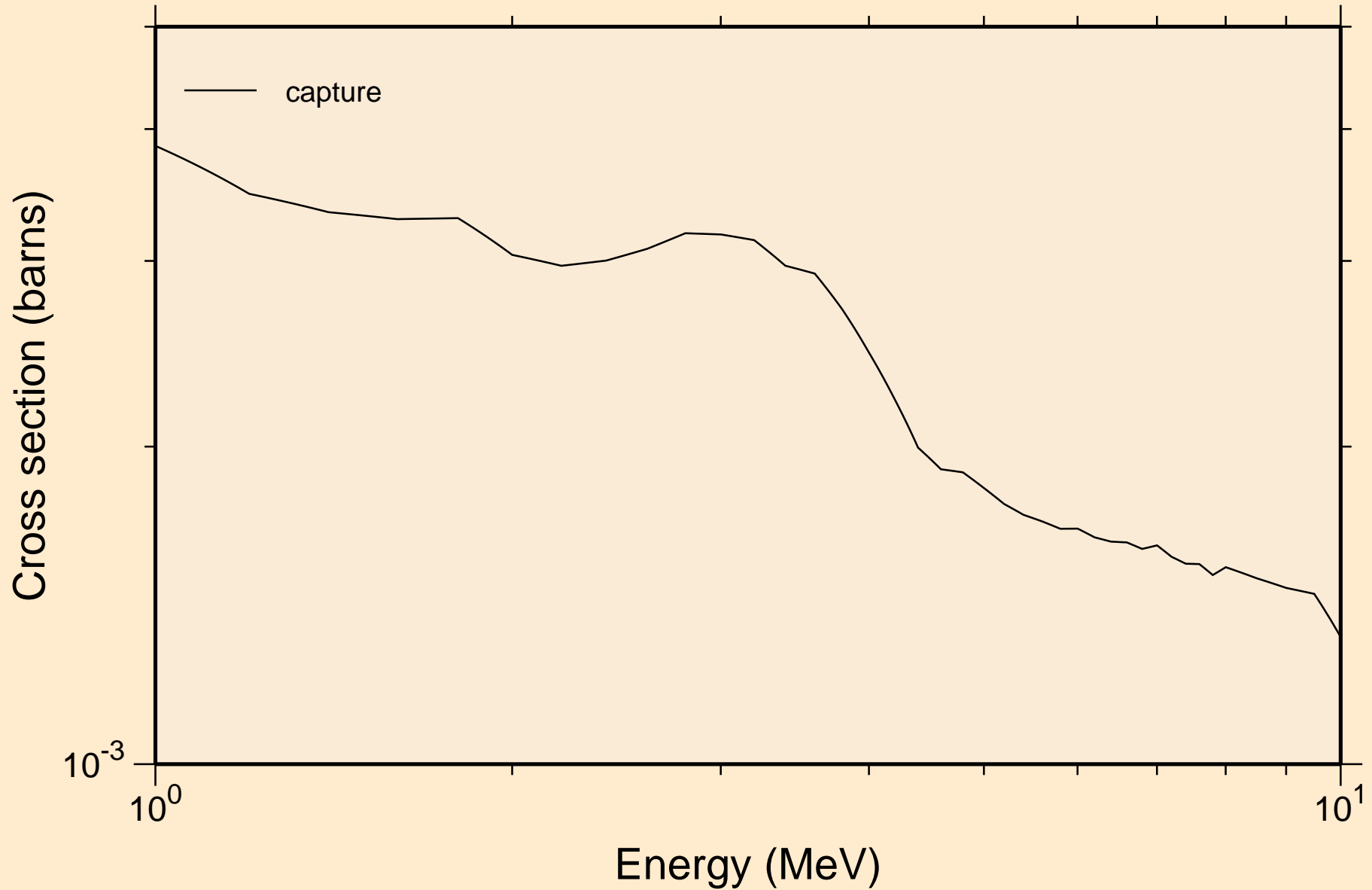


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

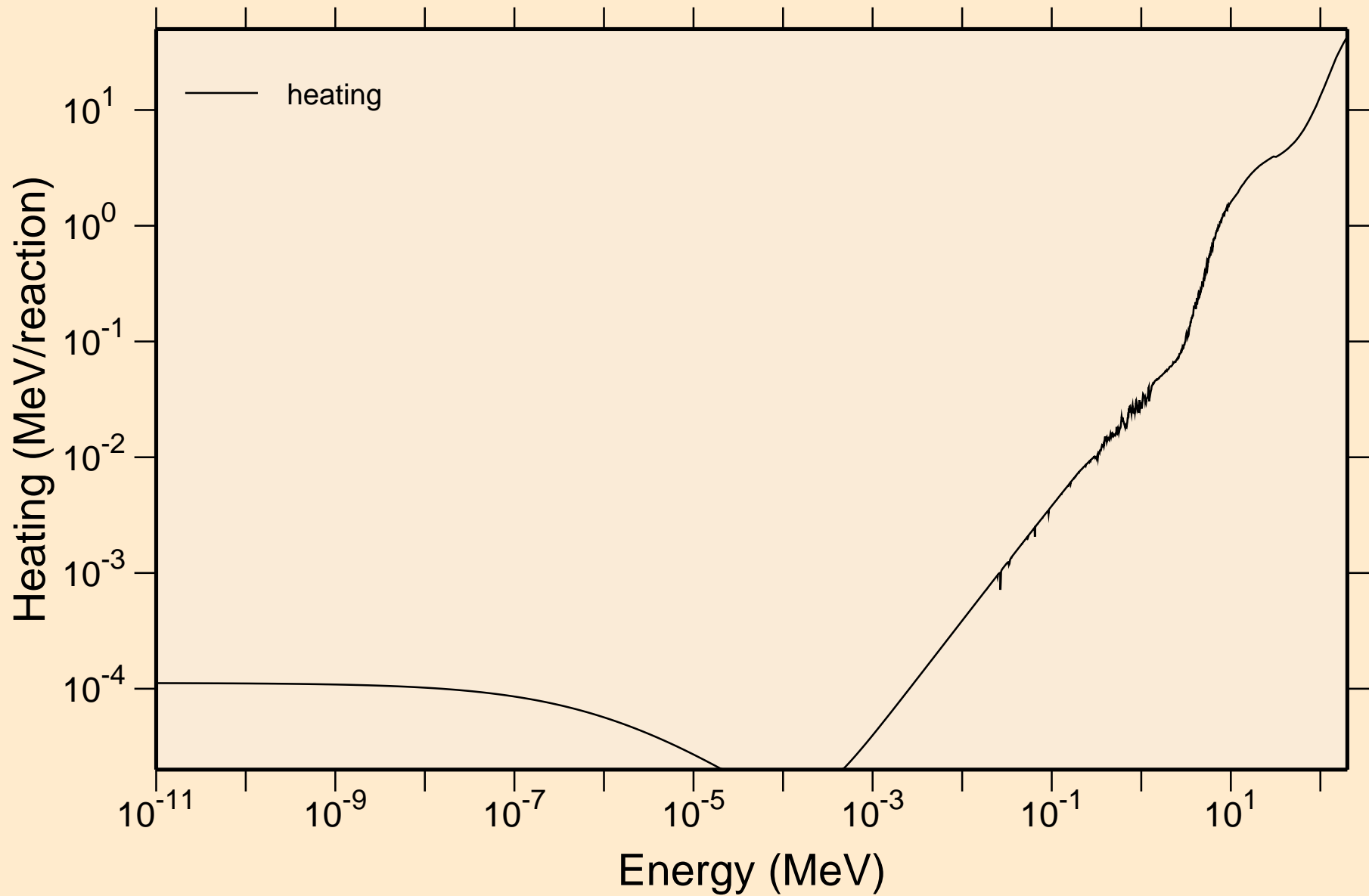




CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

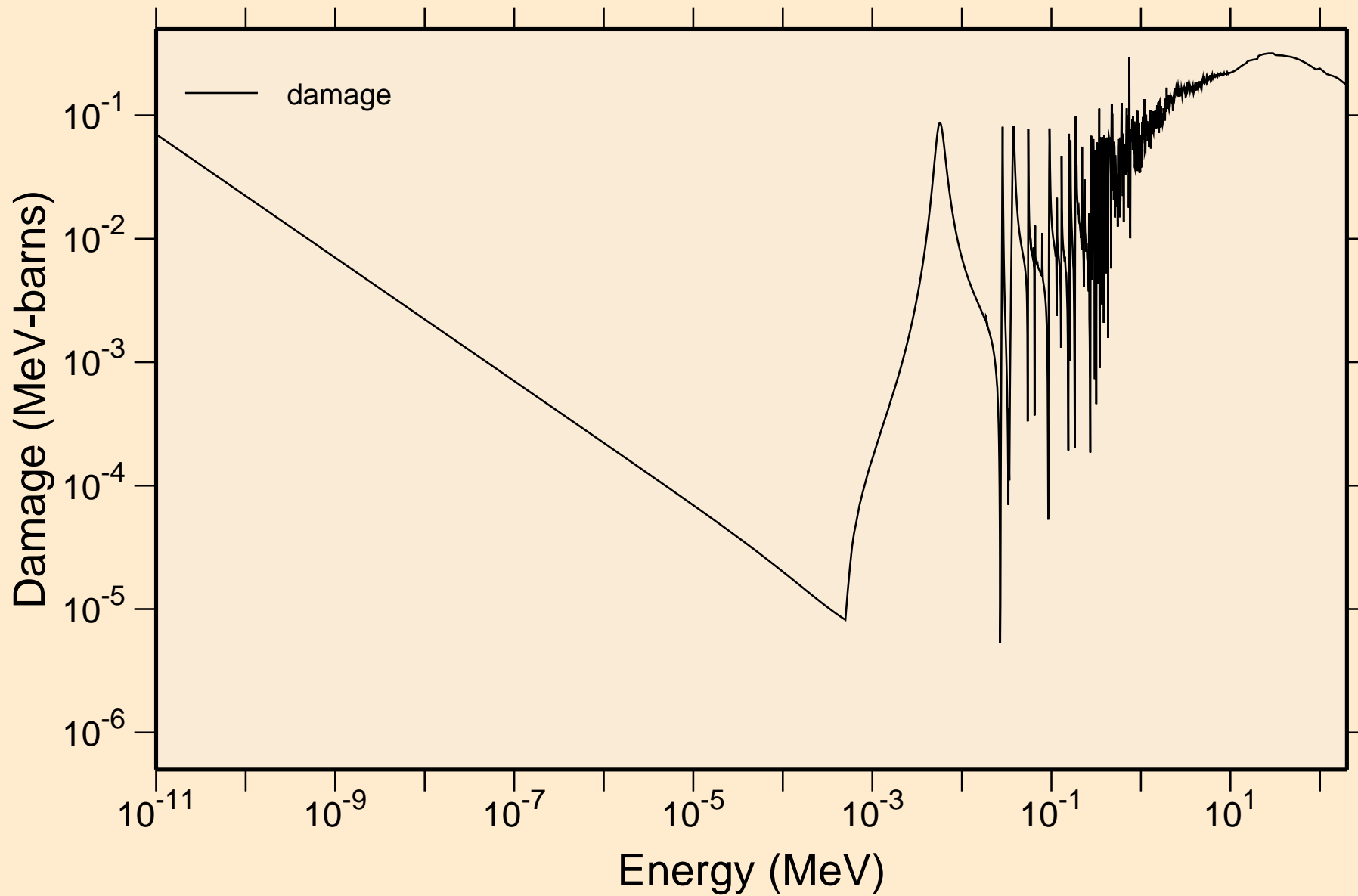


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



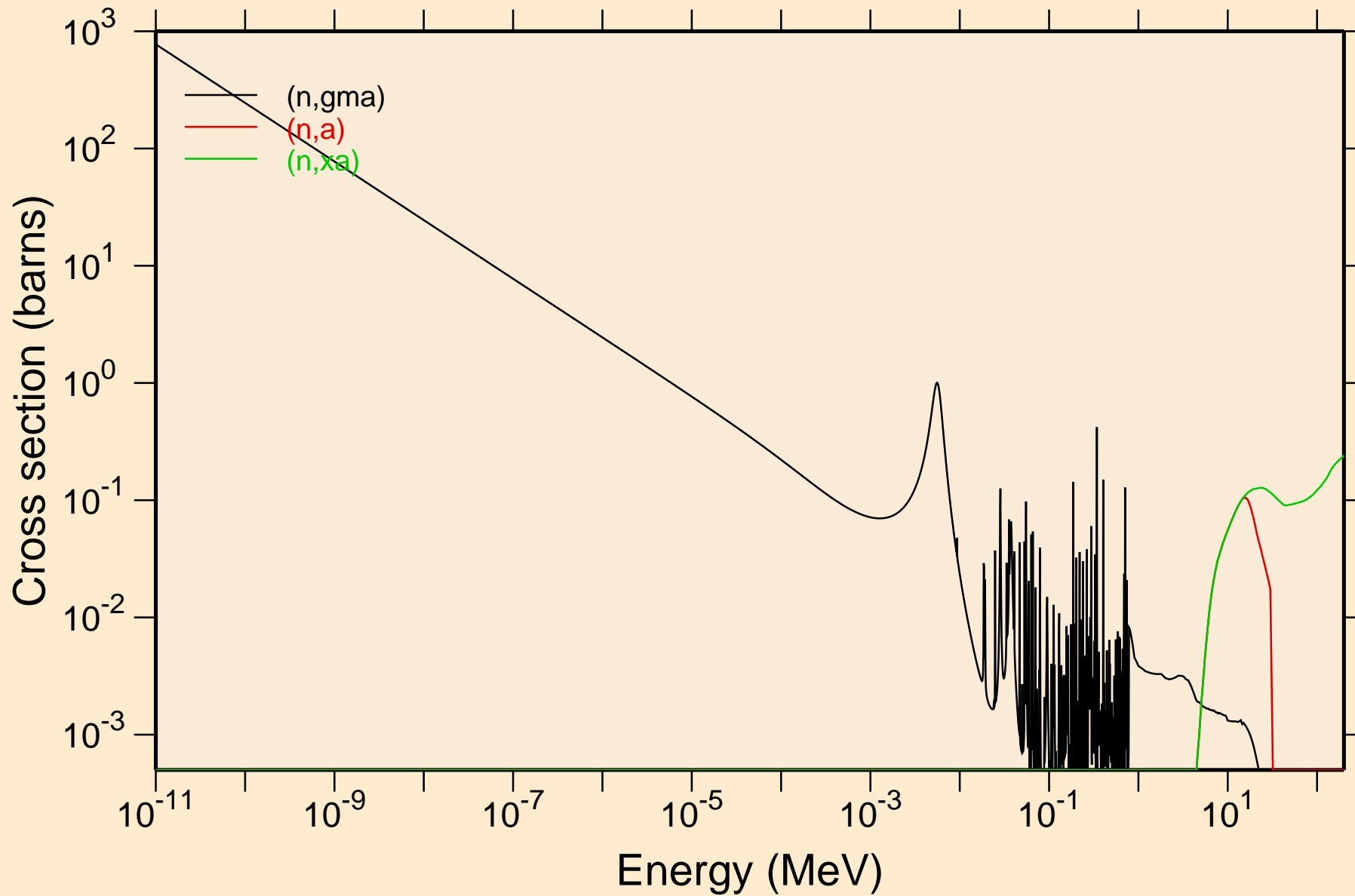
# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



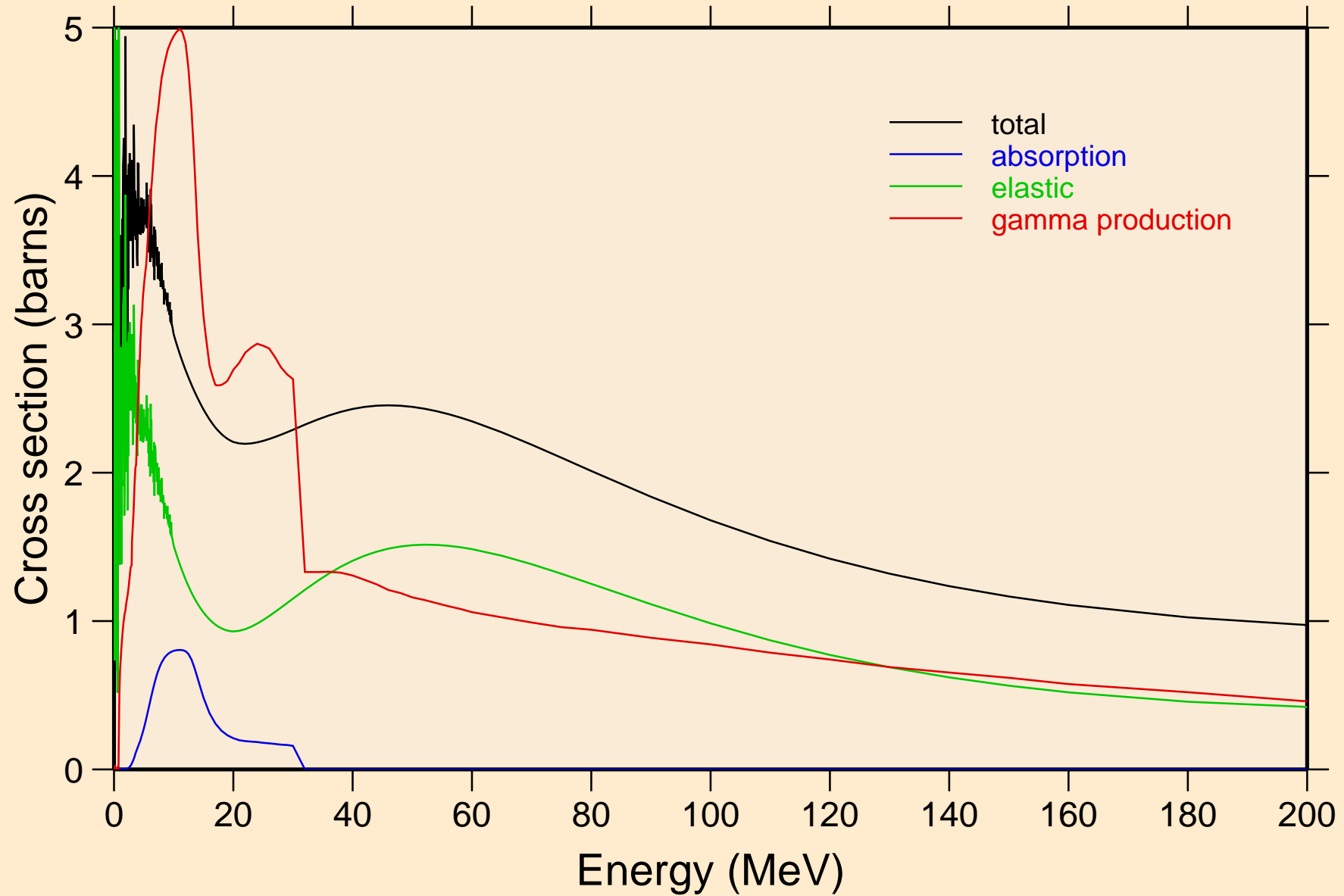
# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



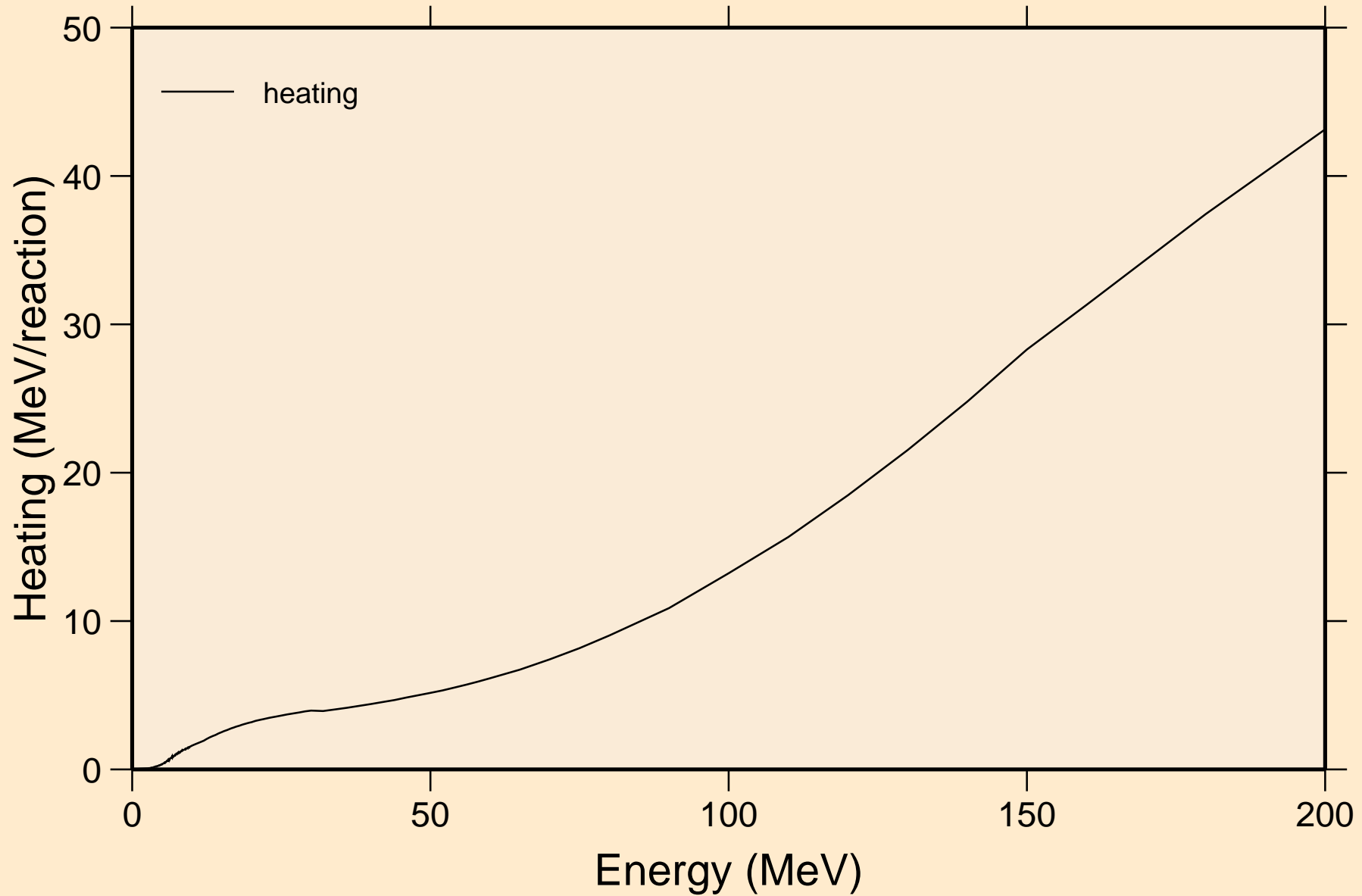
# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



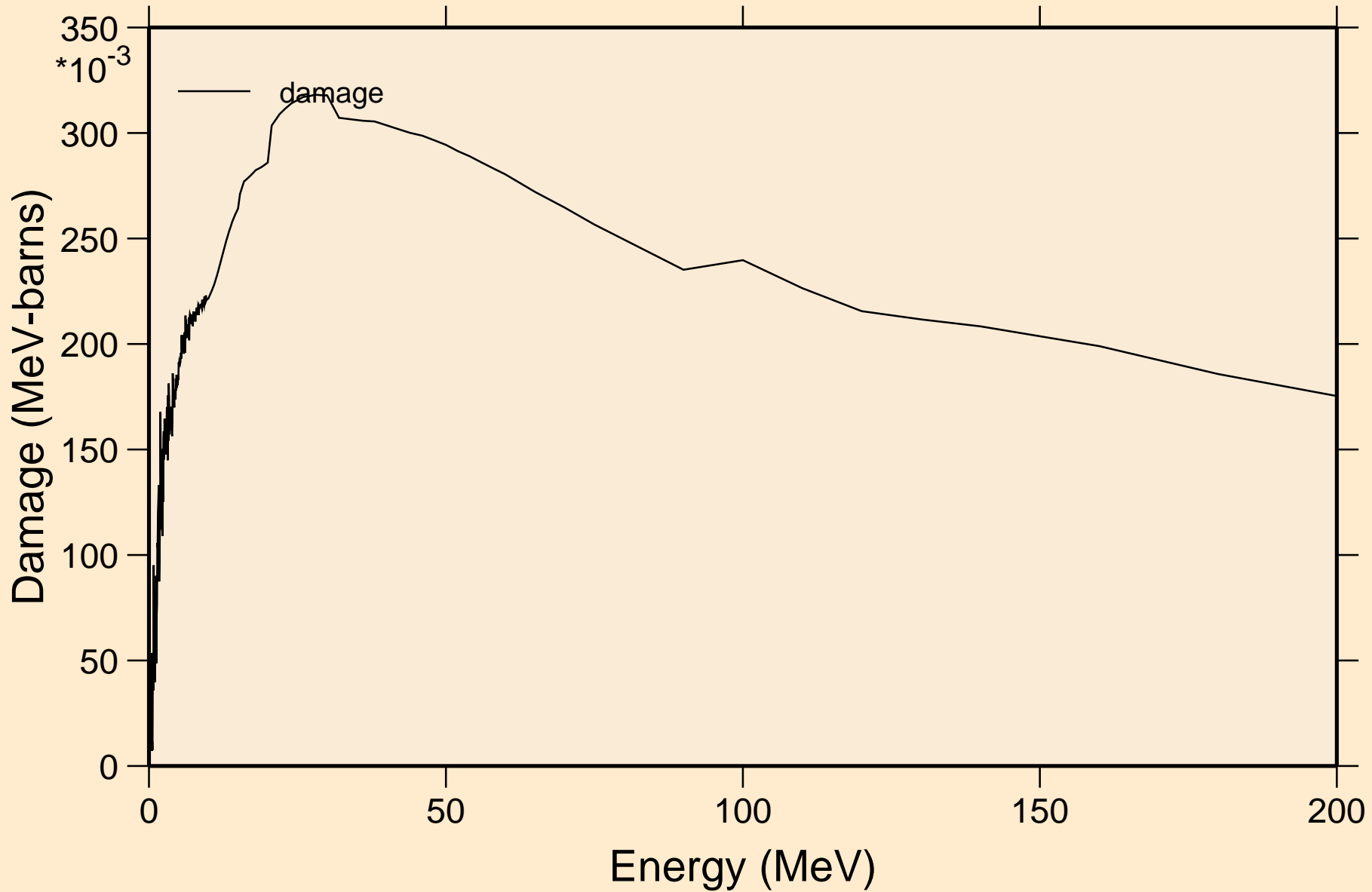
# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

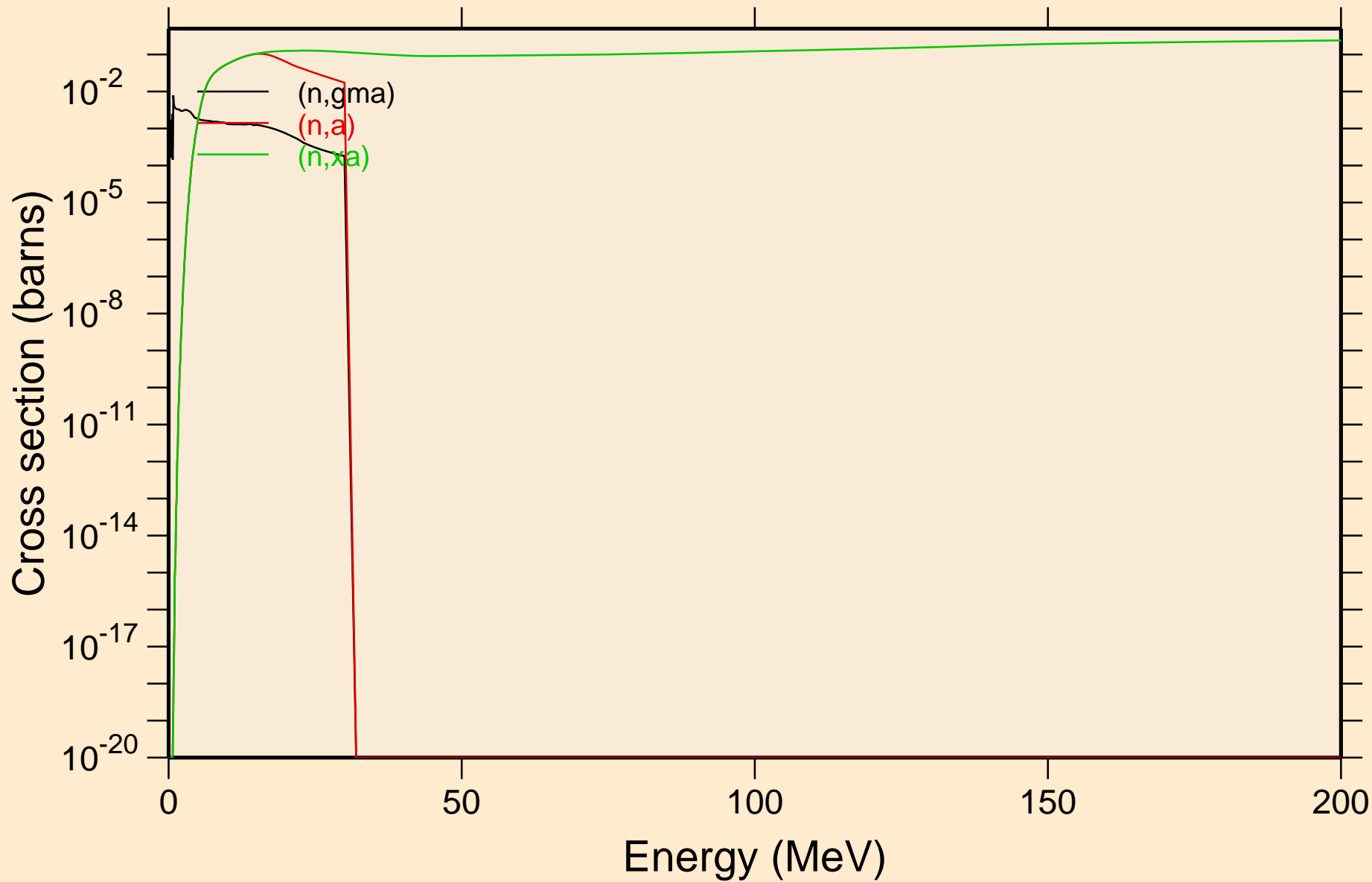


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



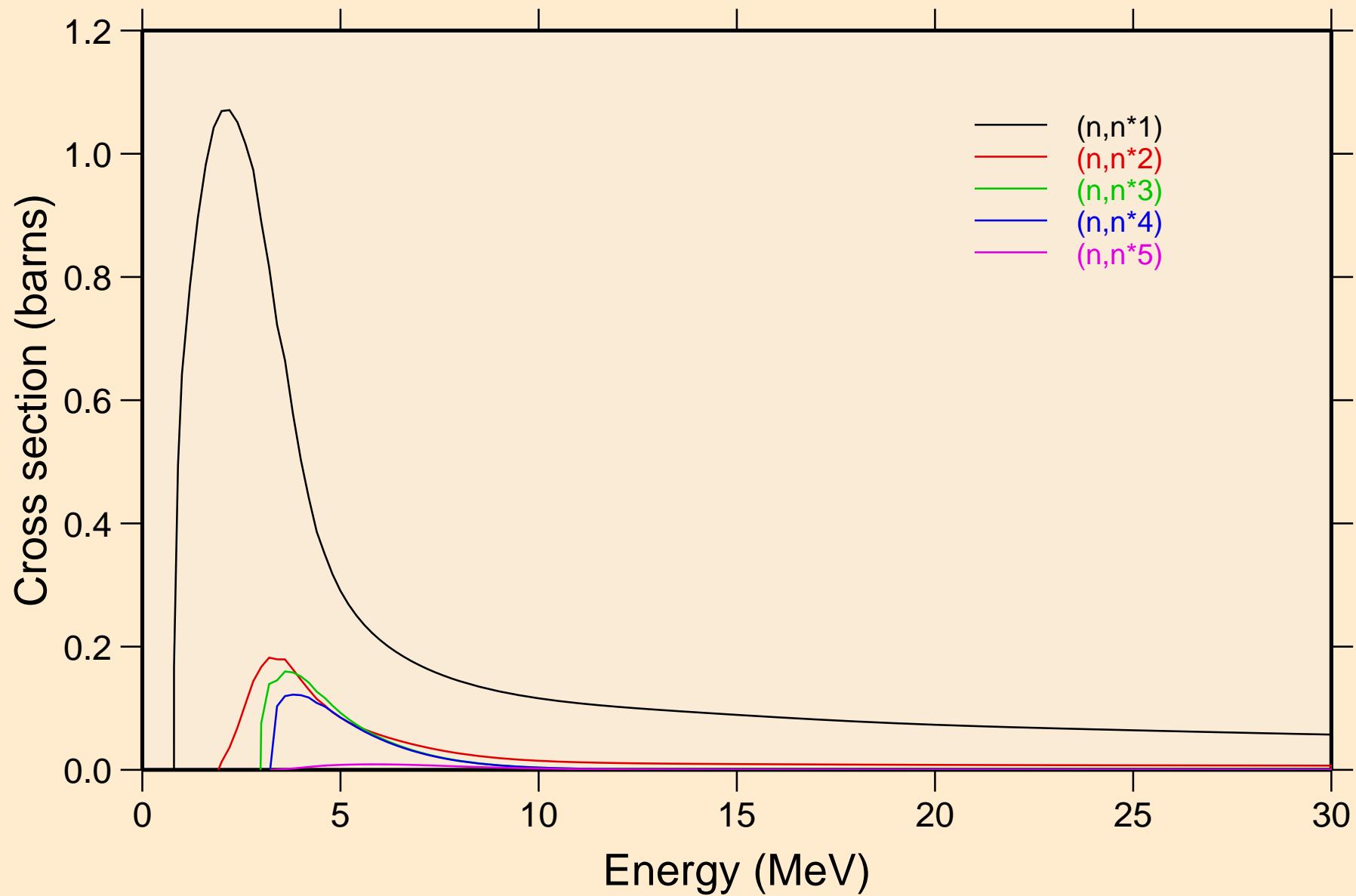
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



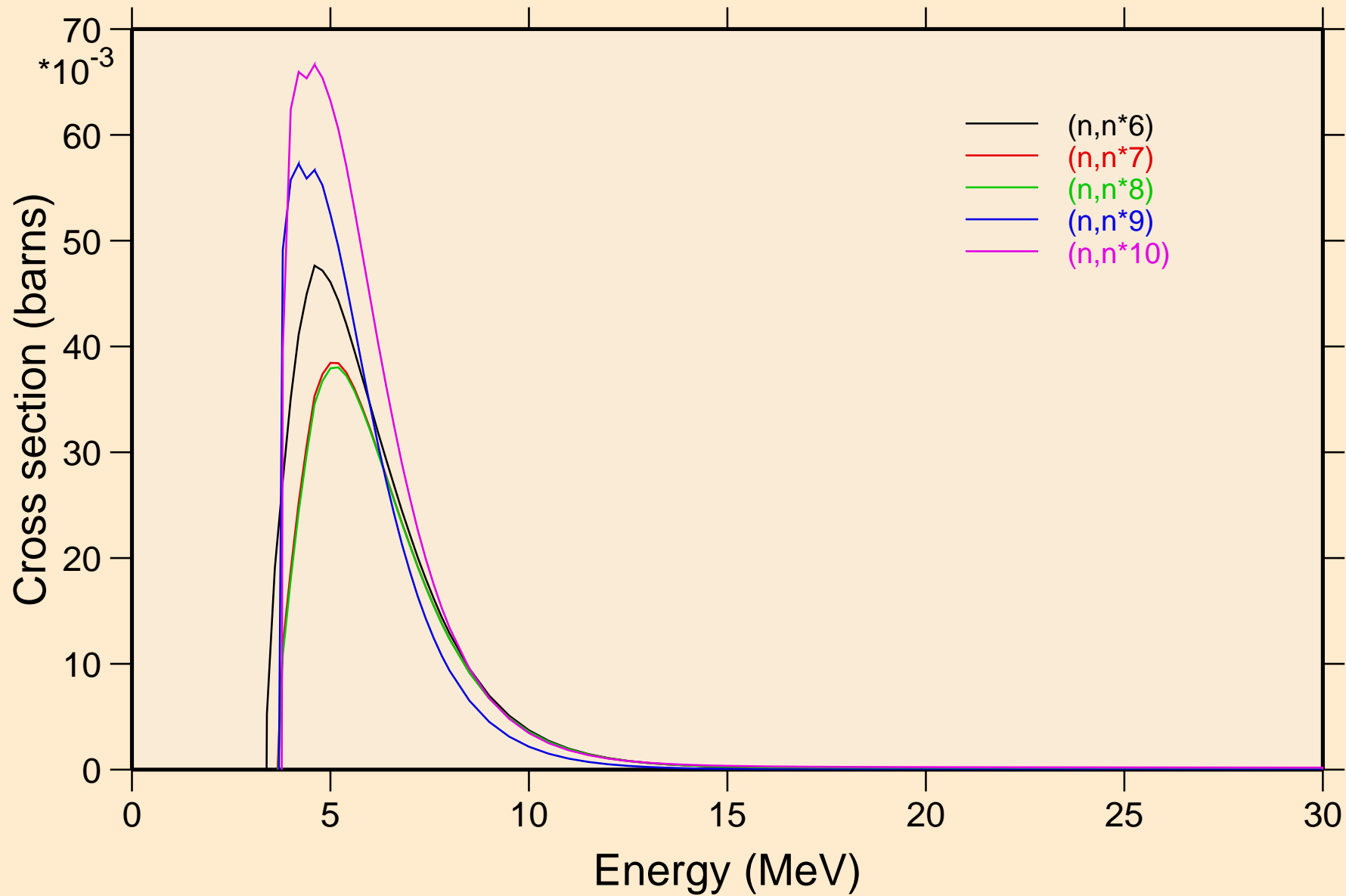


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

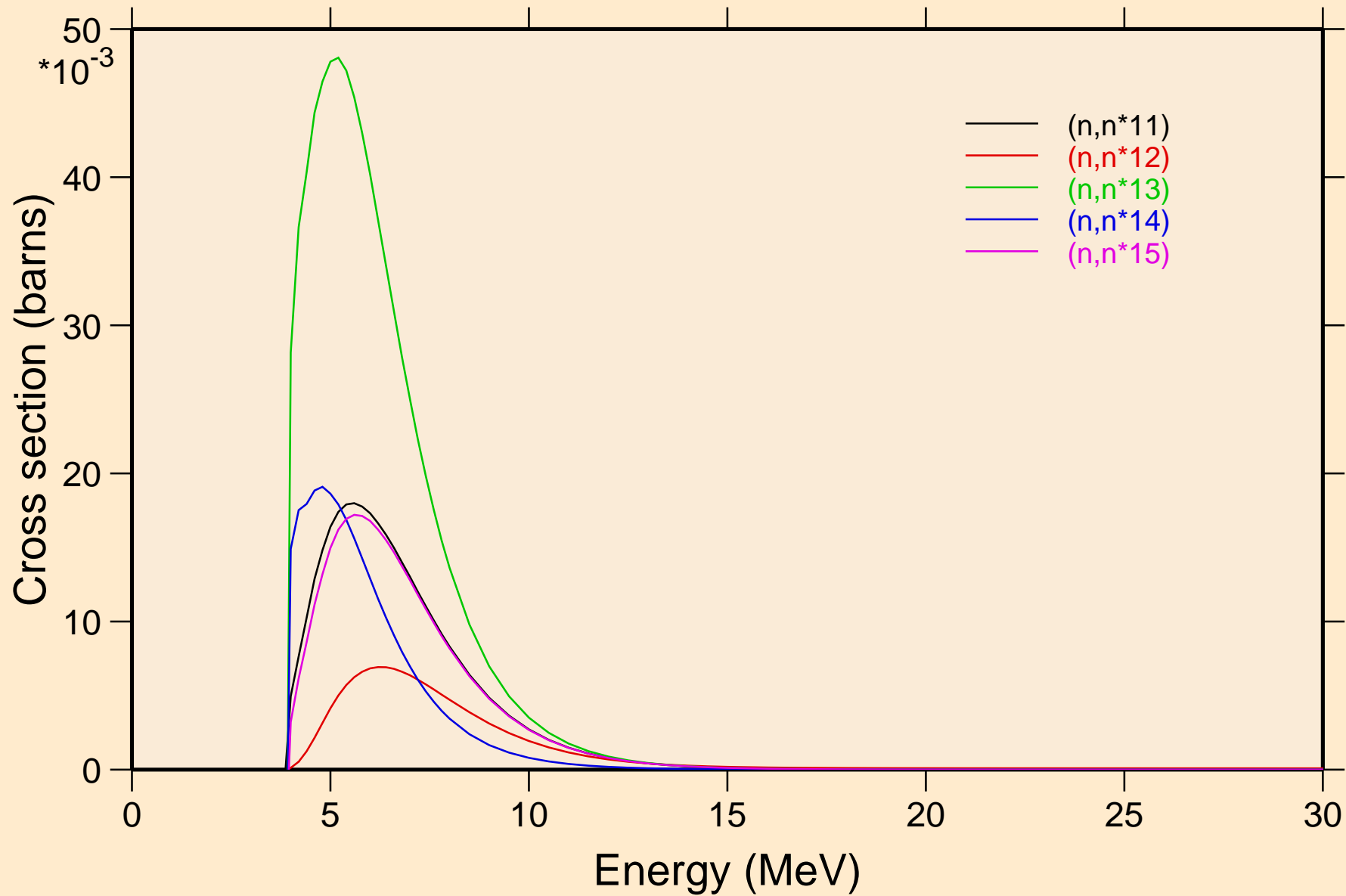
## Inelastic levels



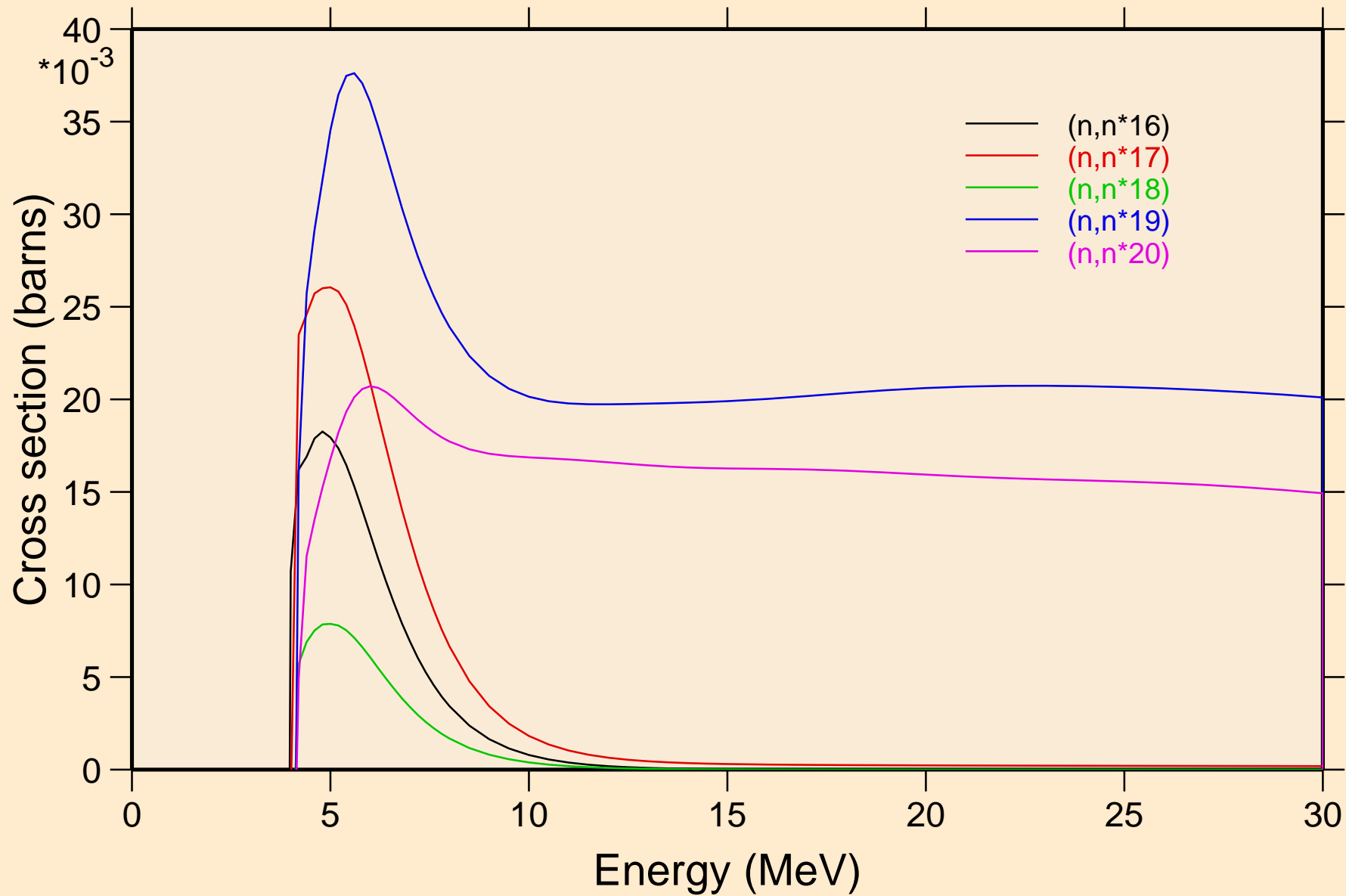
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



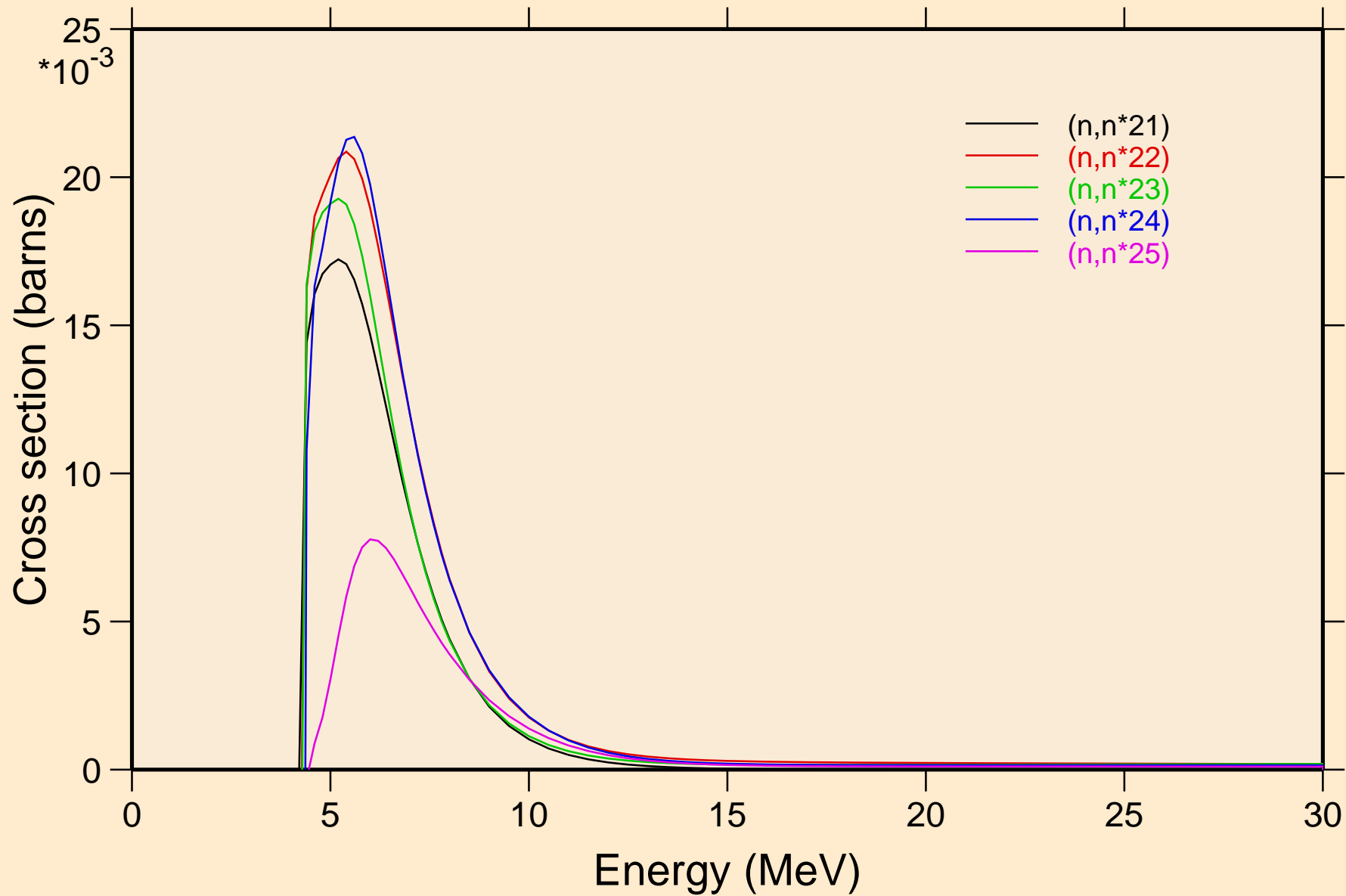
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



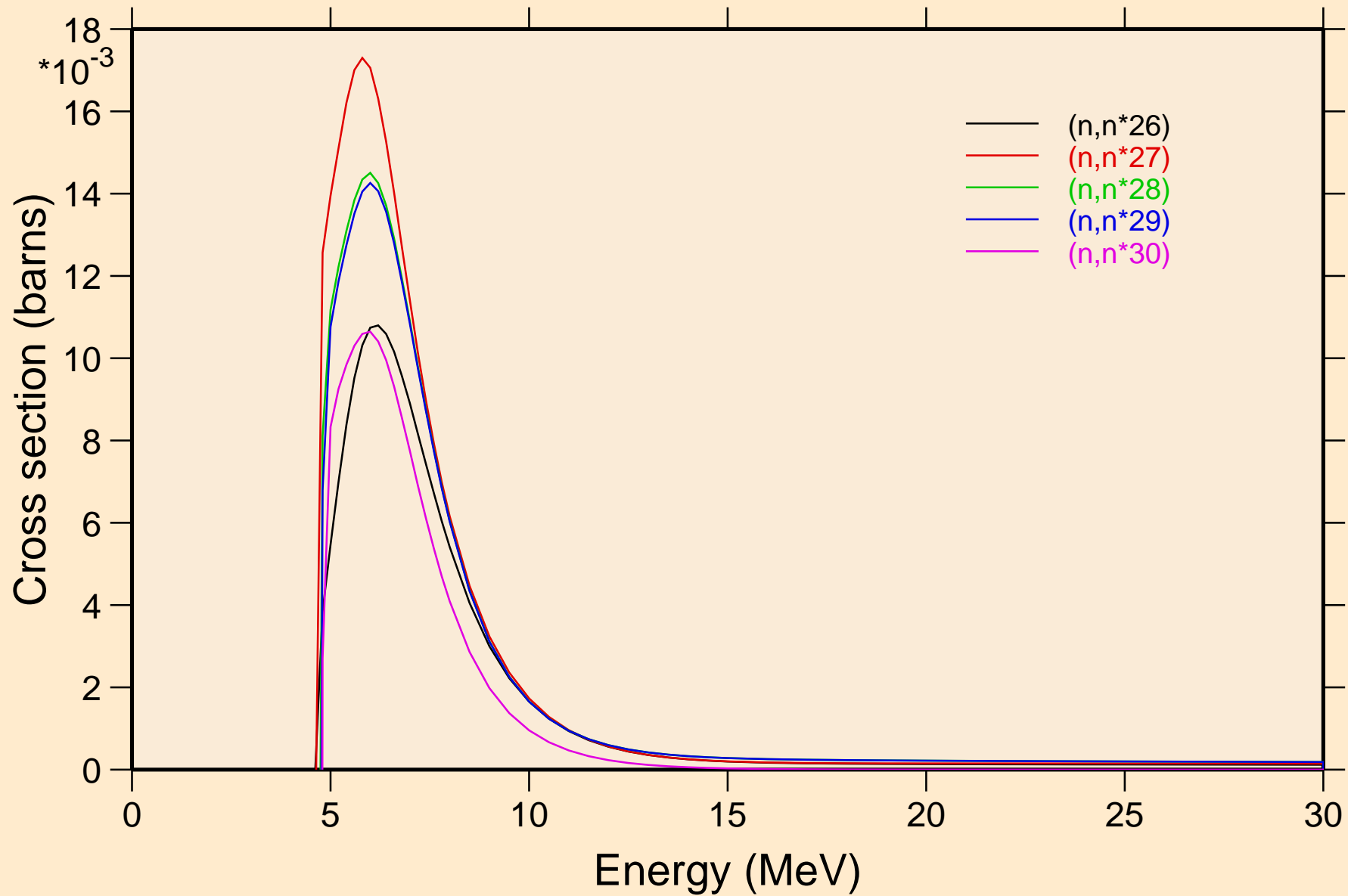
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



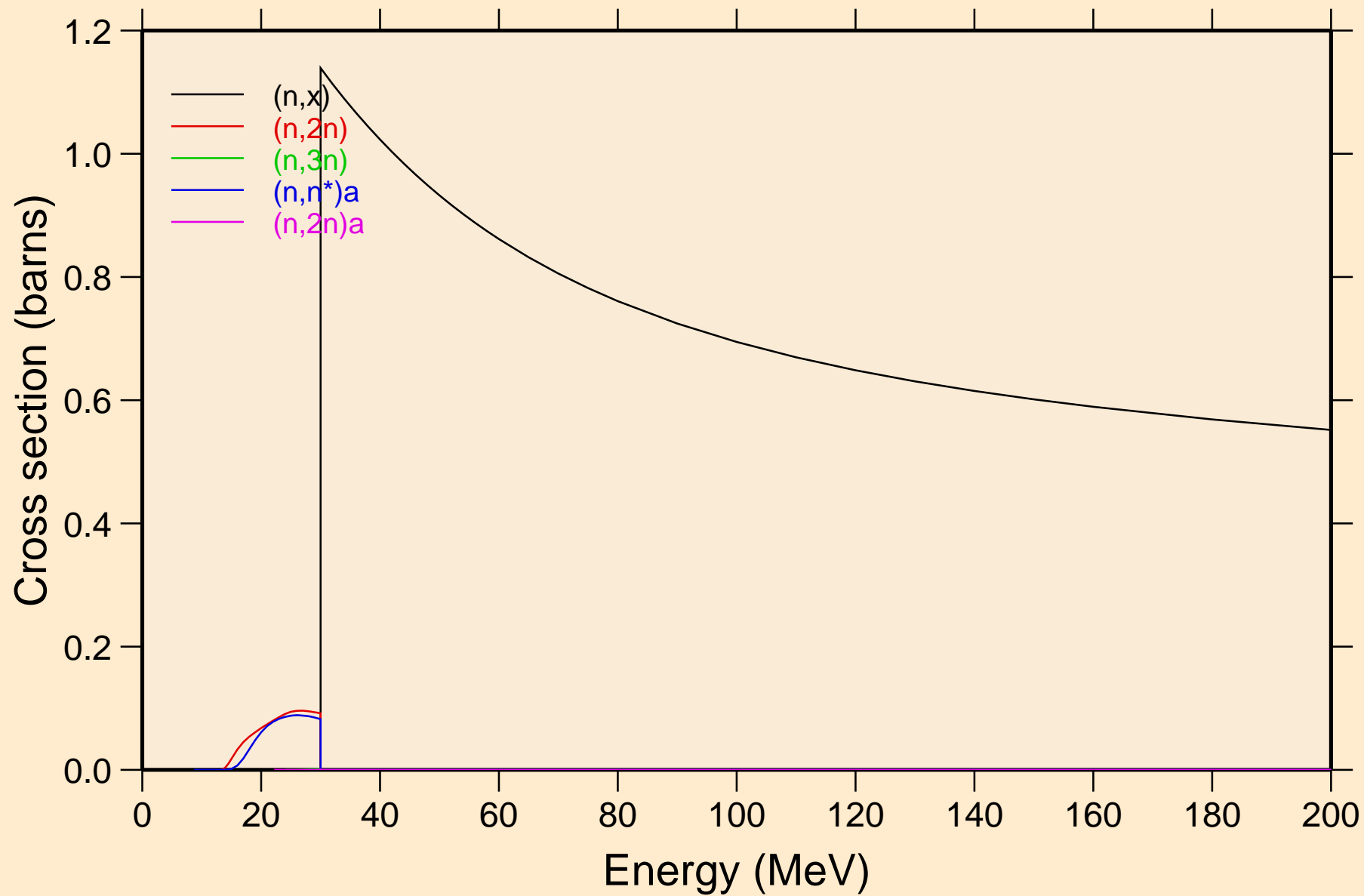
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

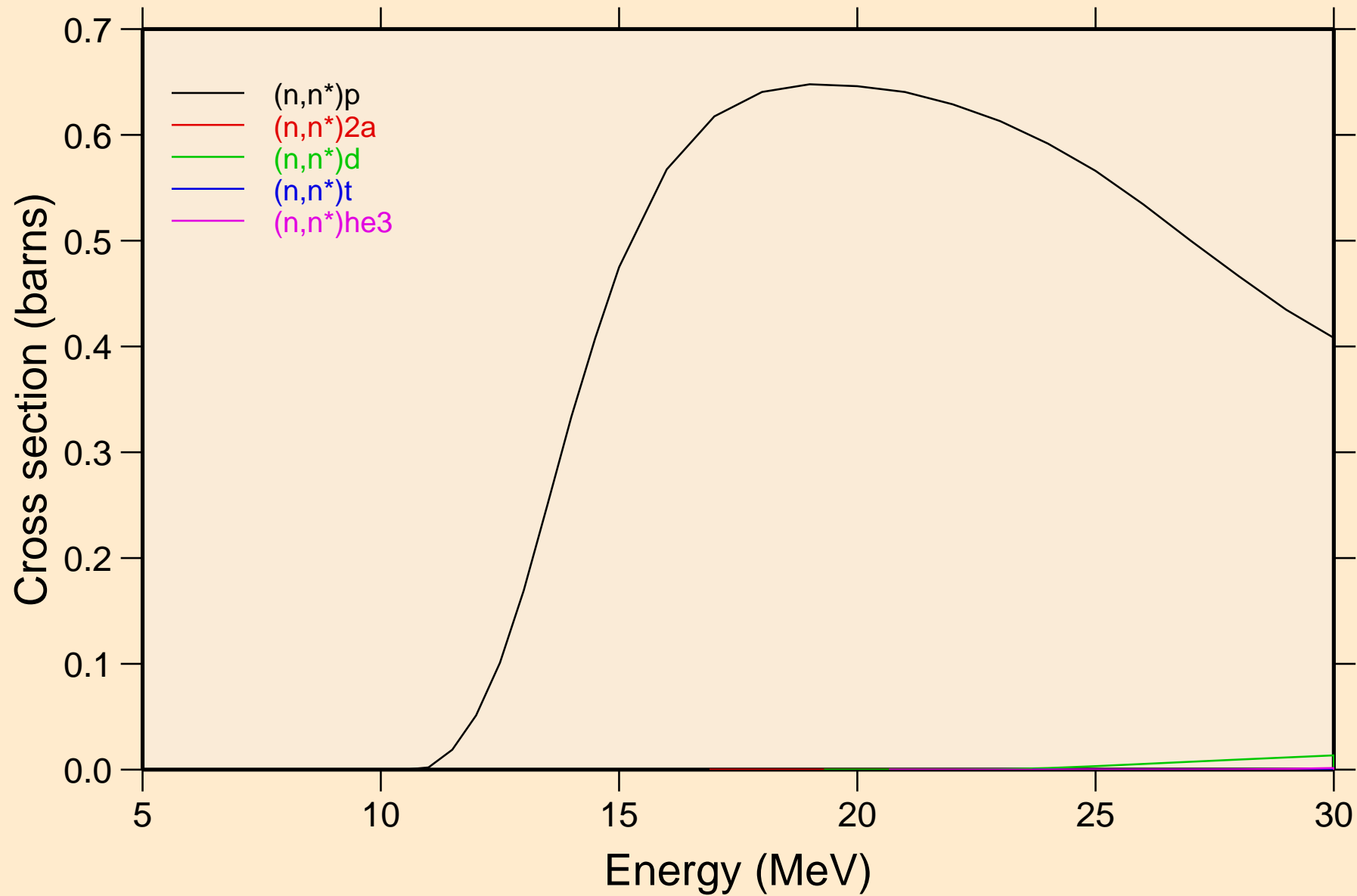


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

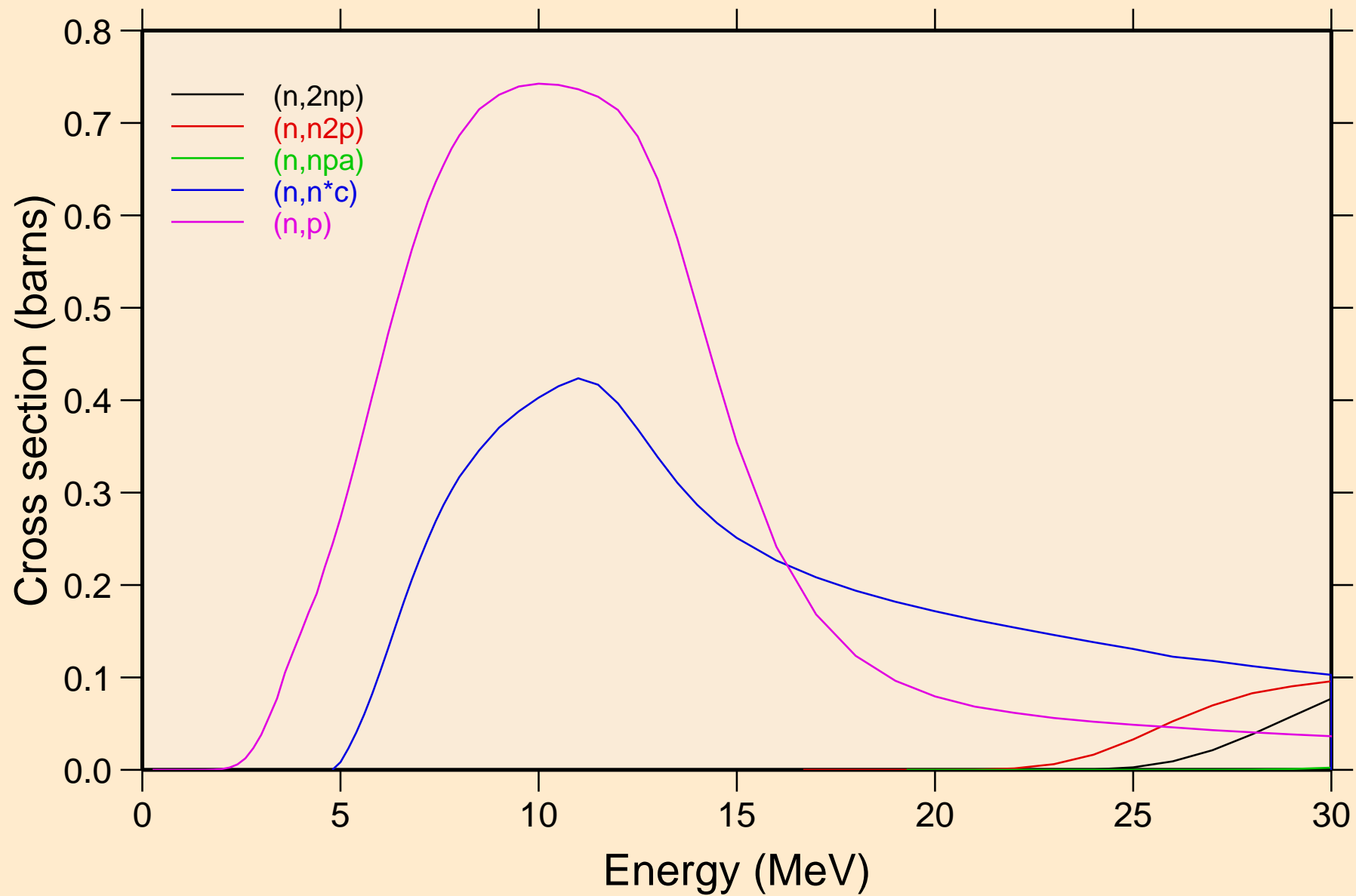
## Threshold reactions





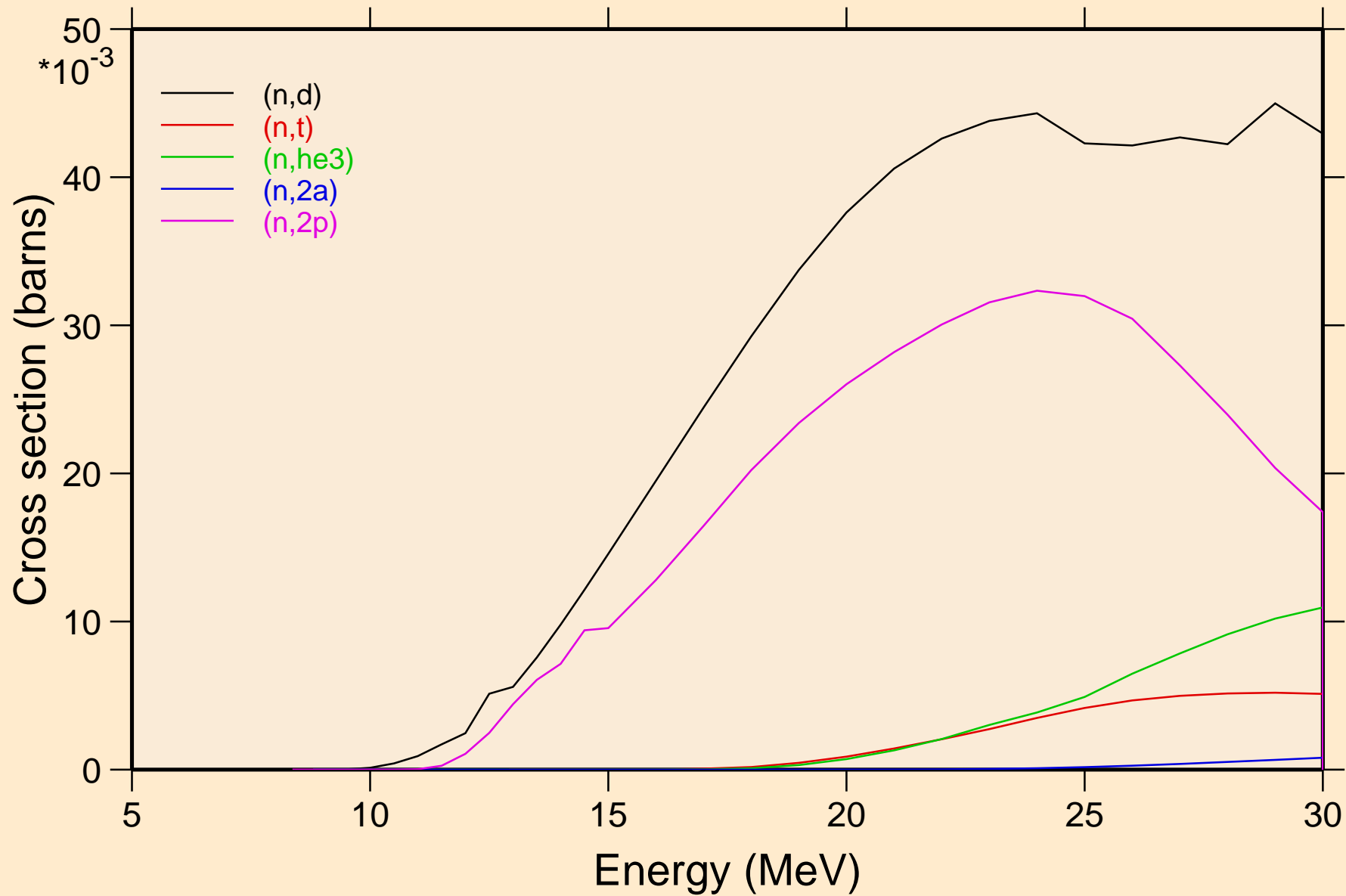
# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

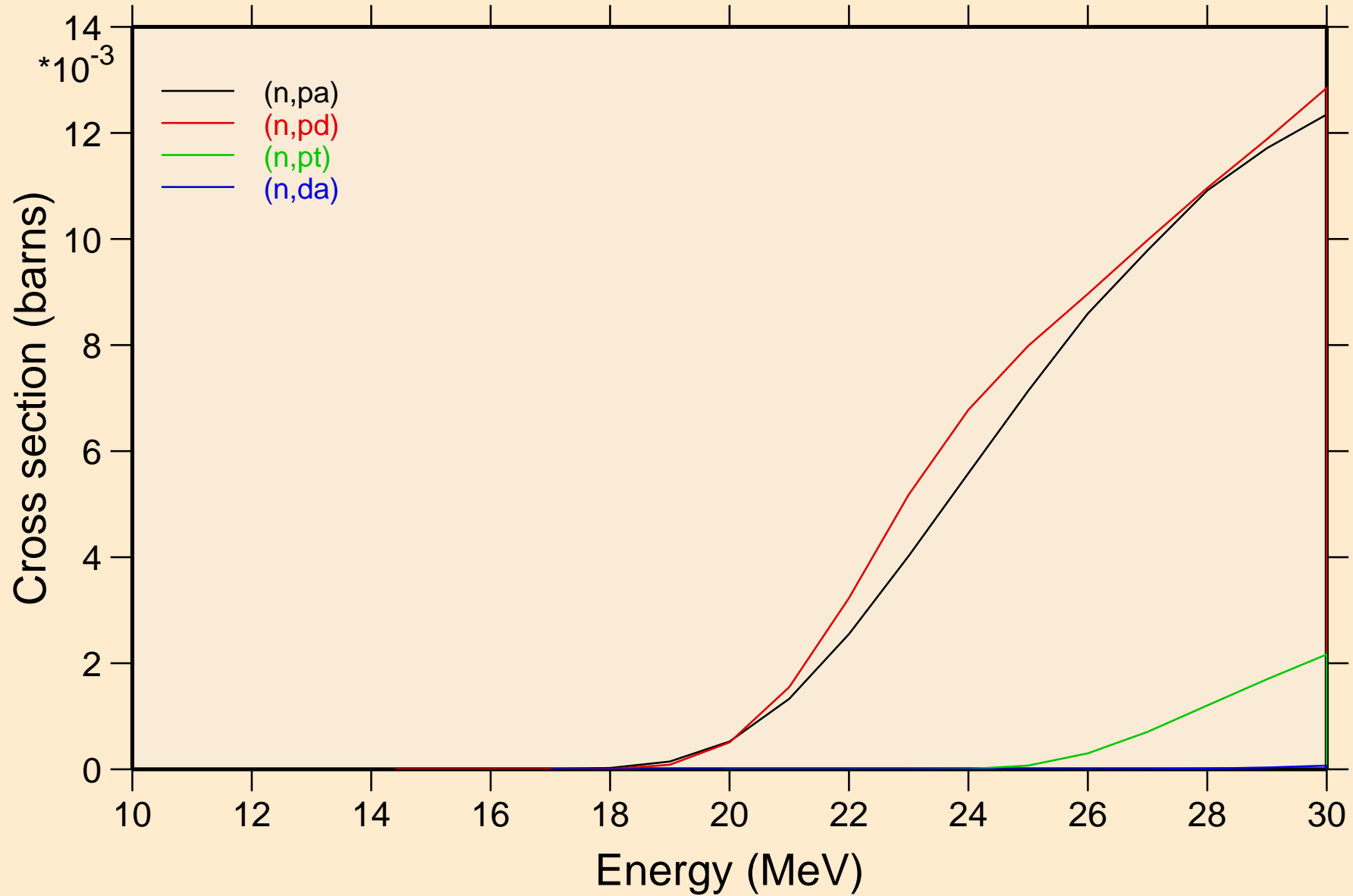


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

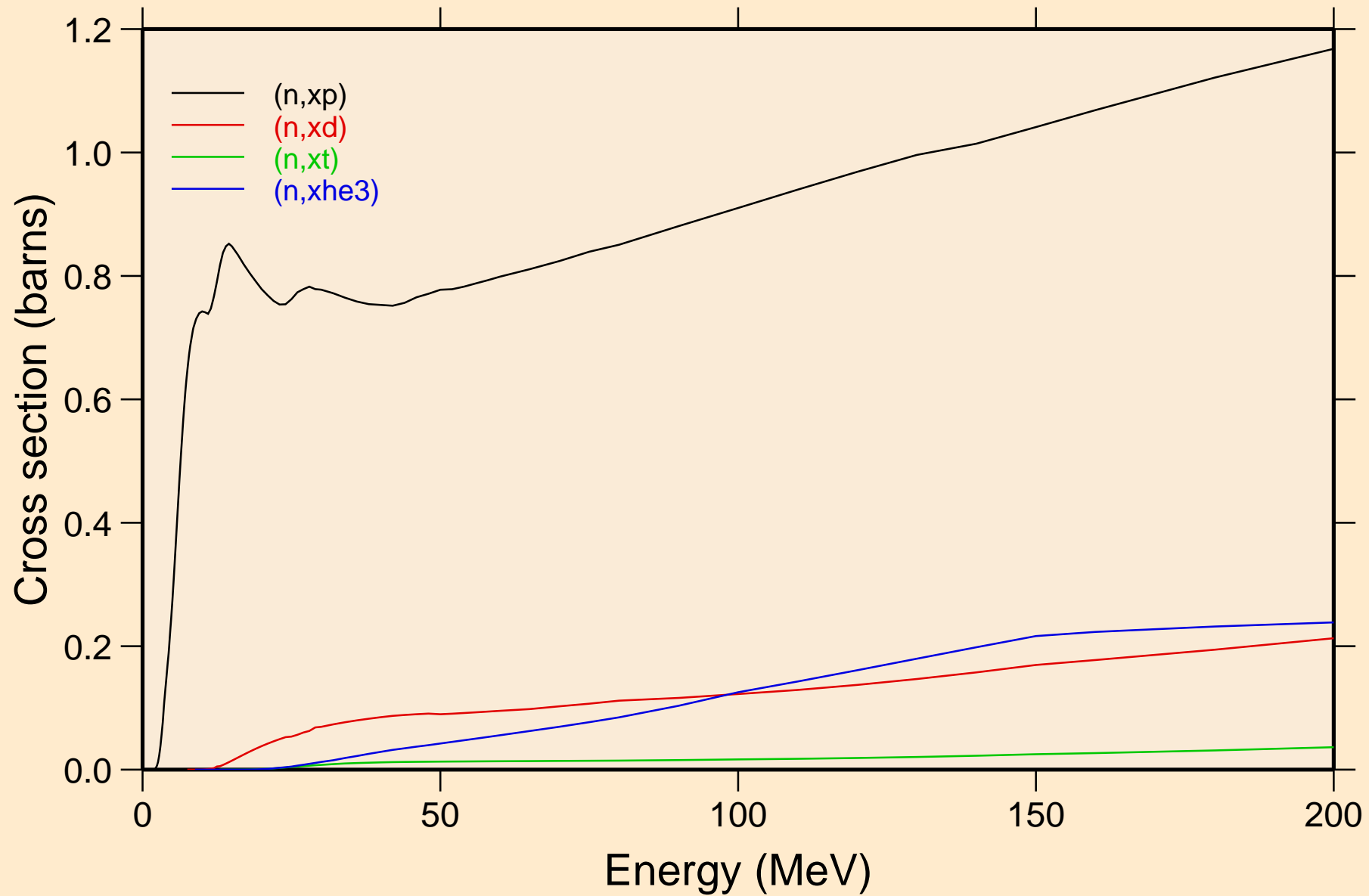


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

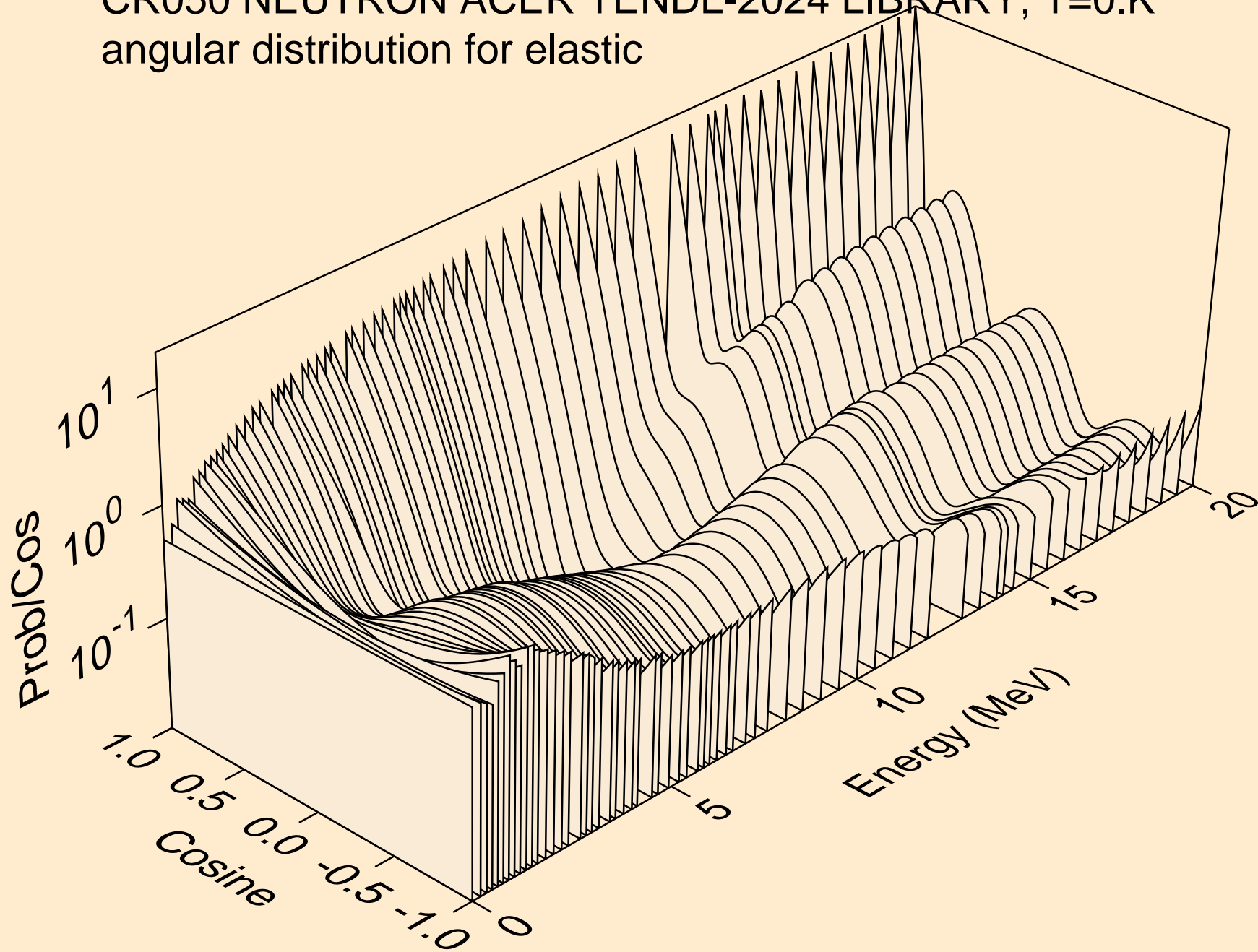


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

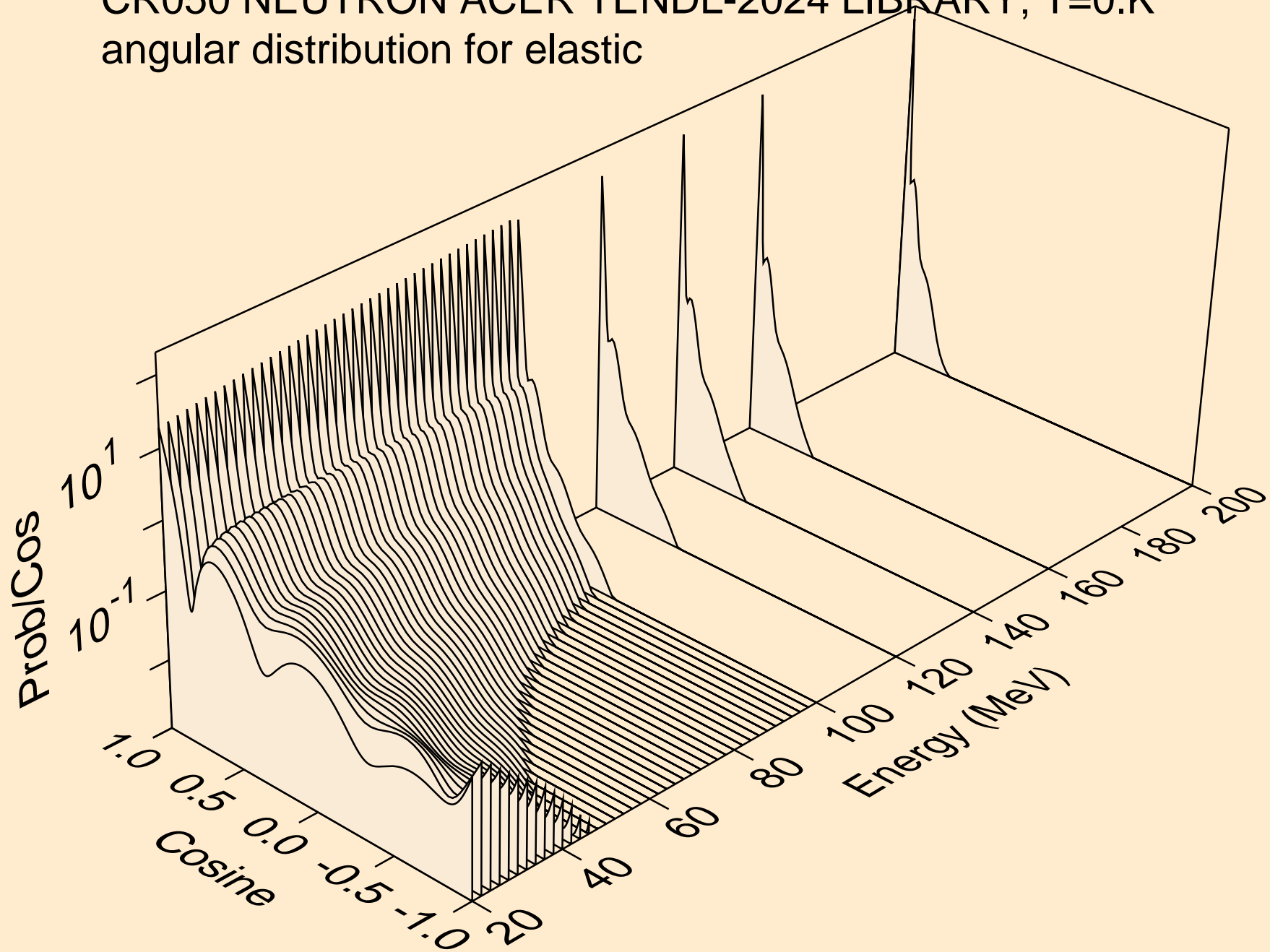
## Threshold reactions



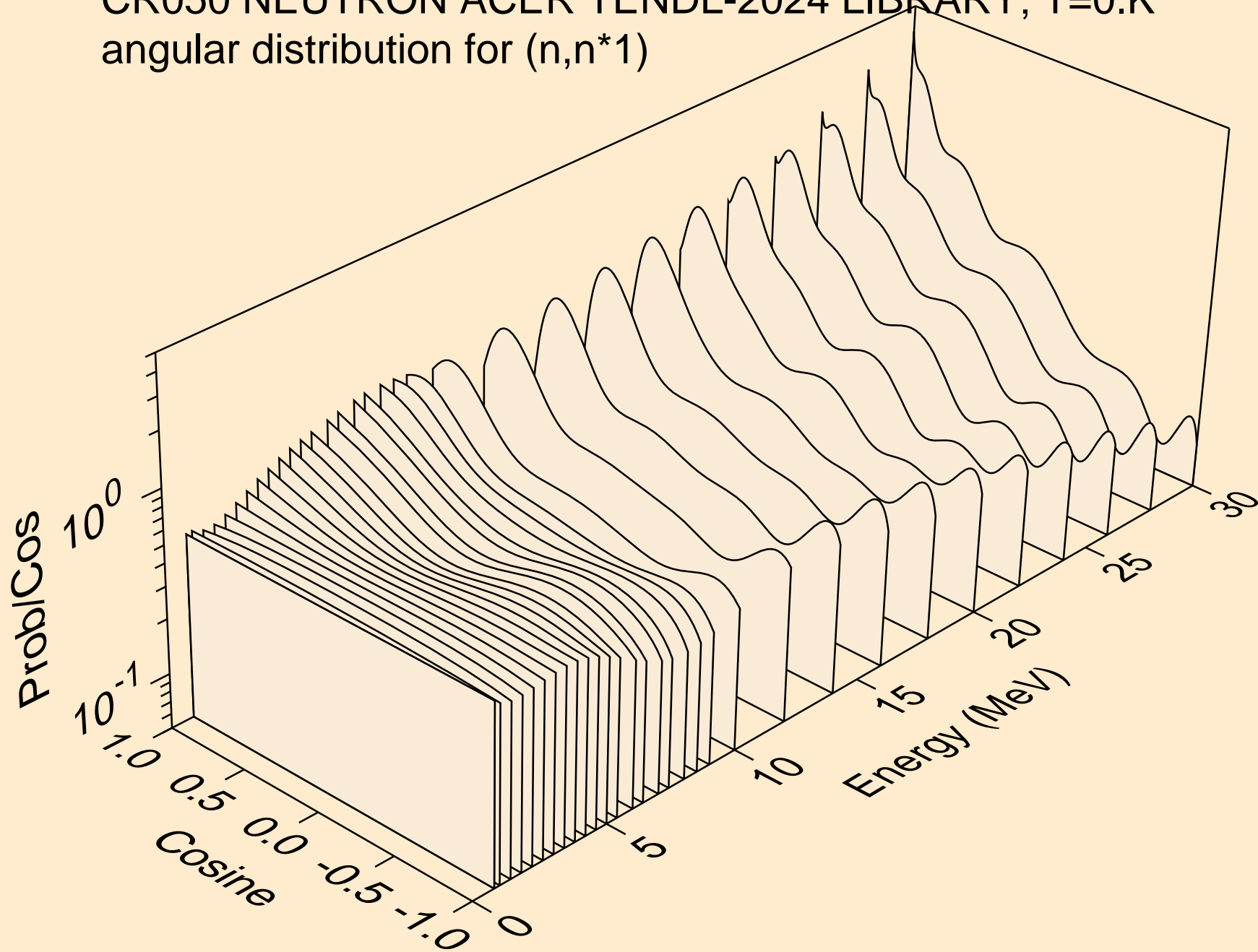
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



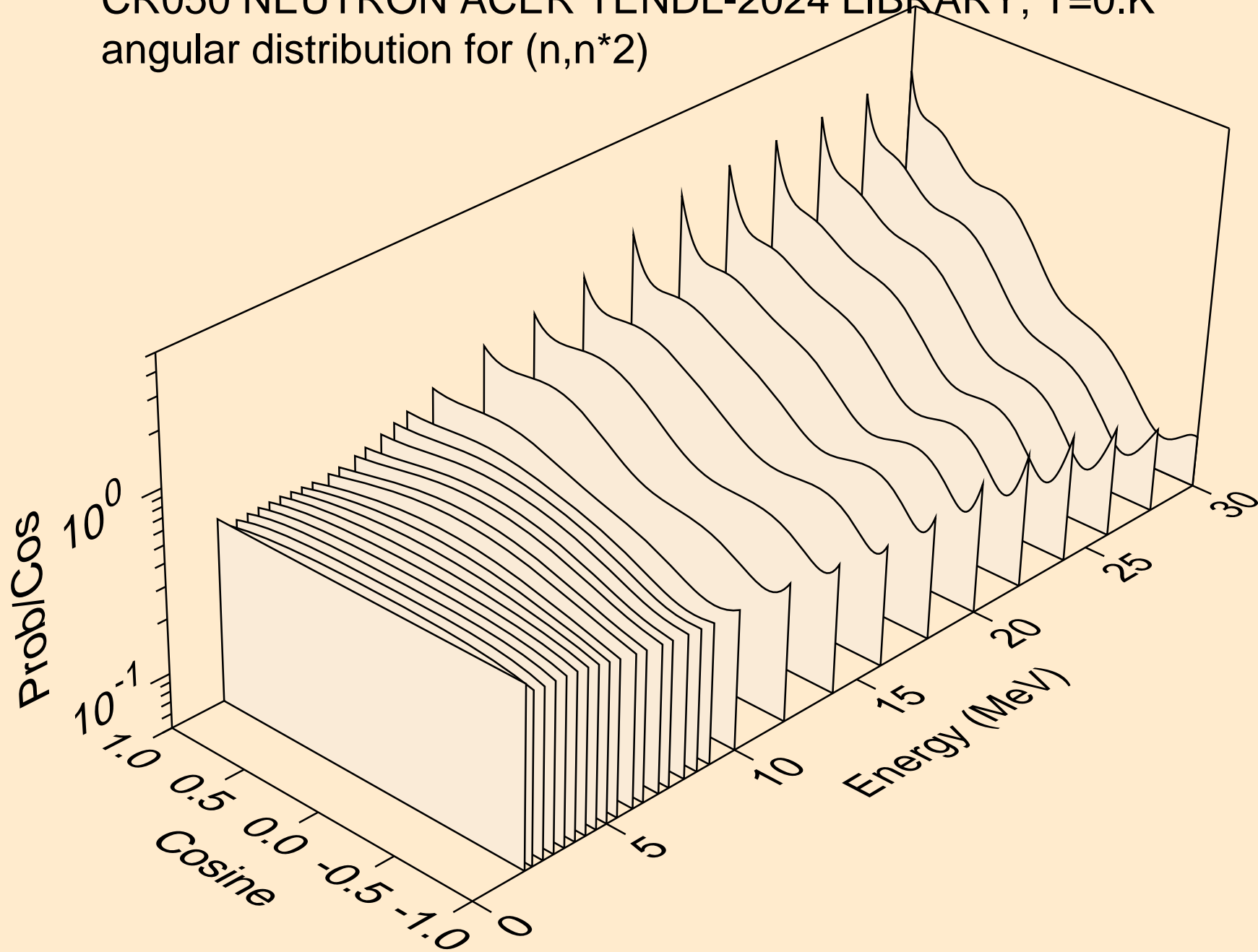
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

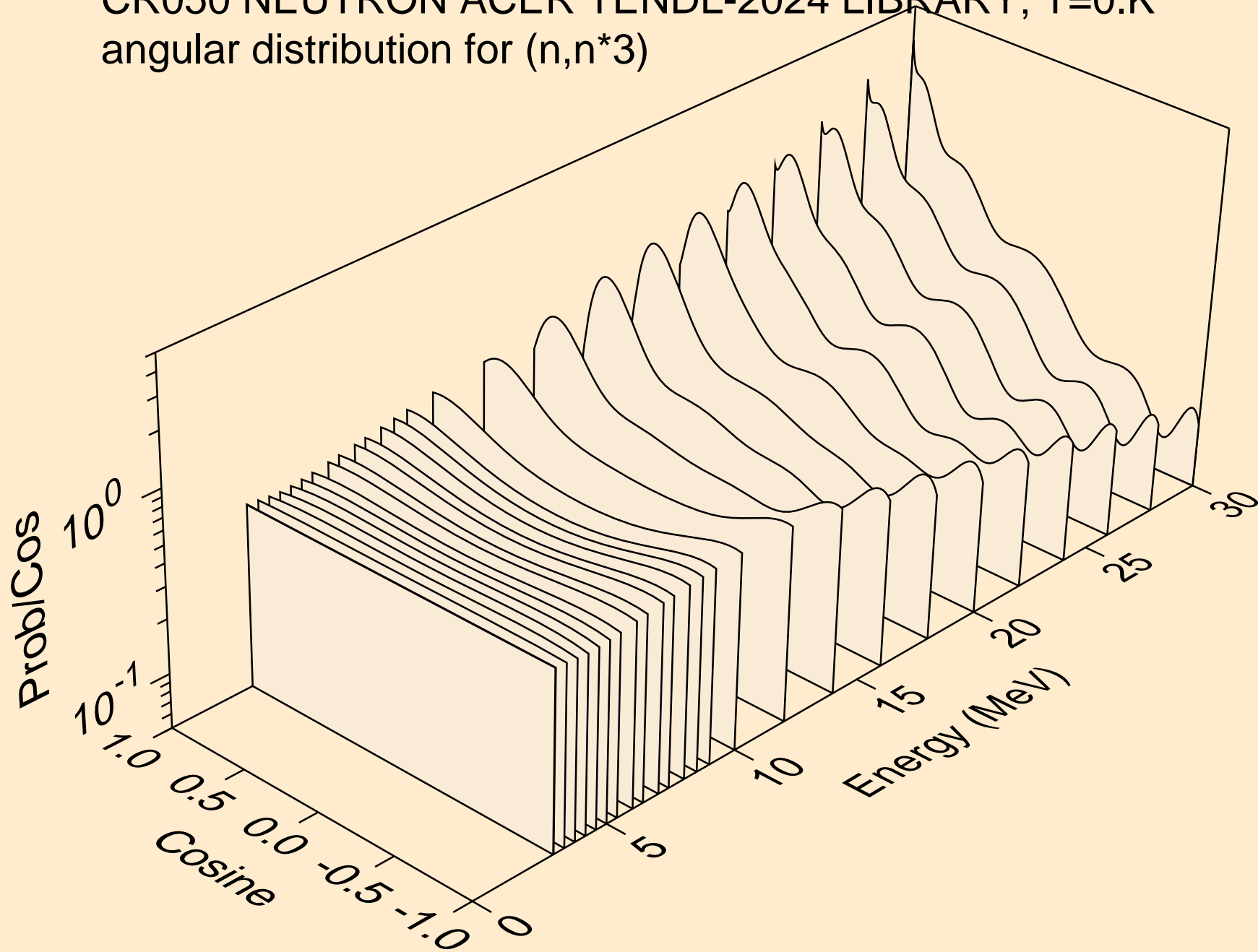


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

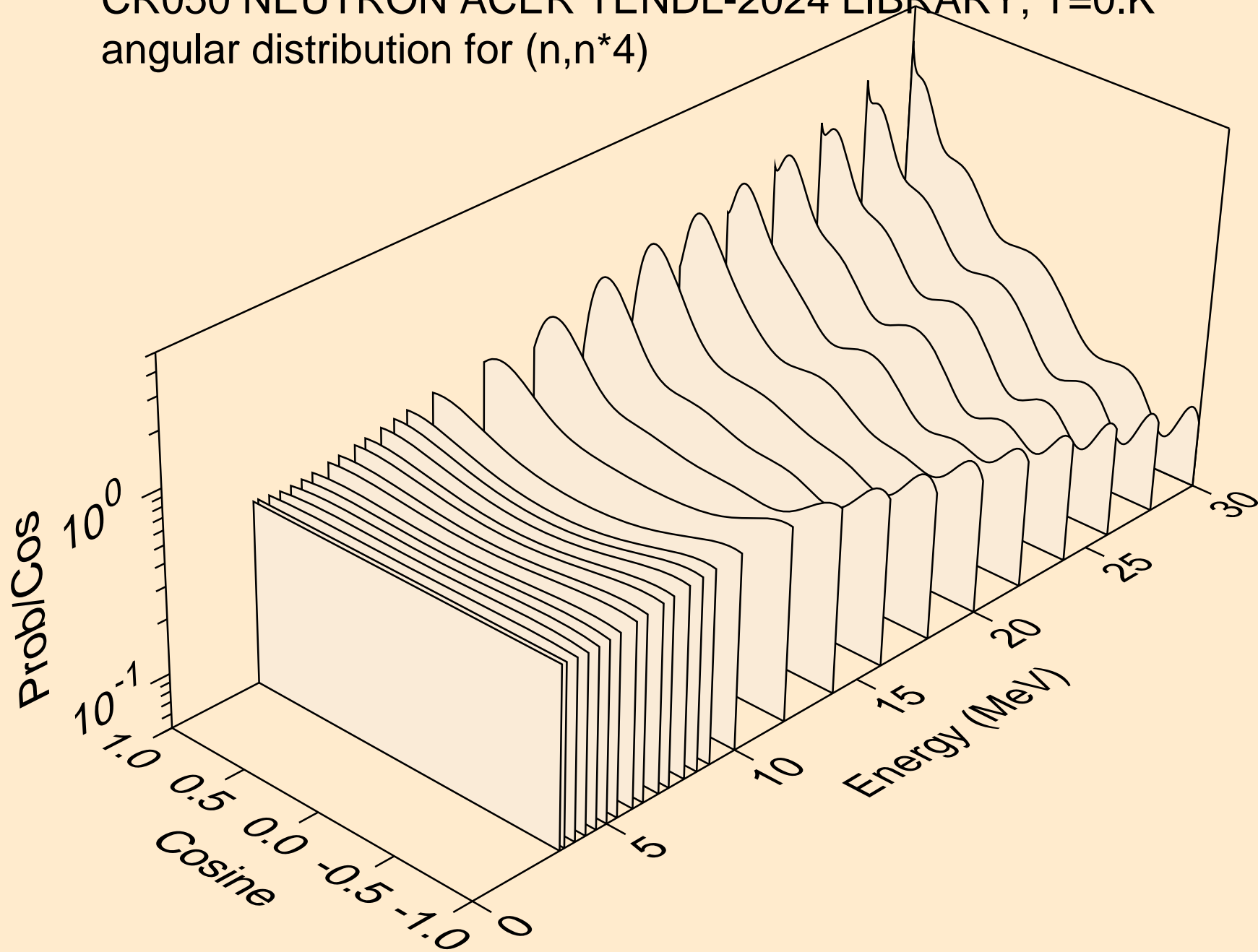




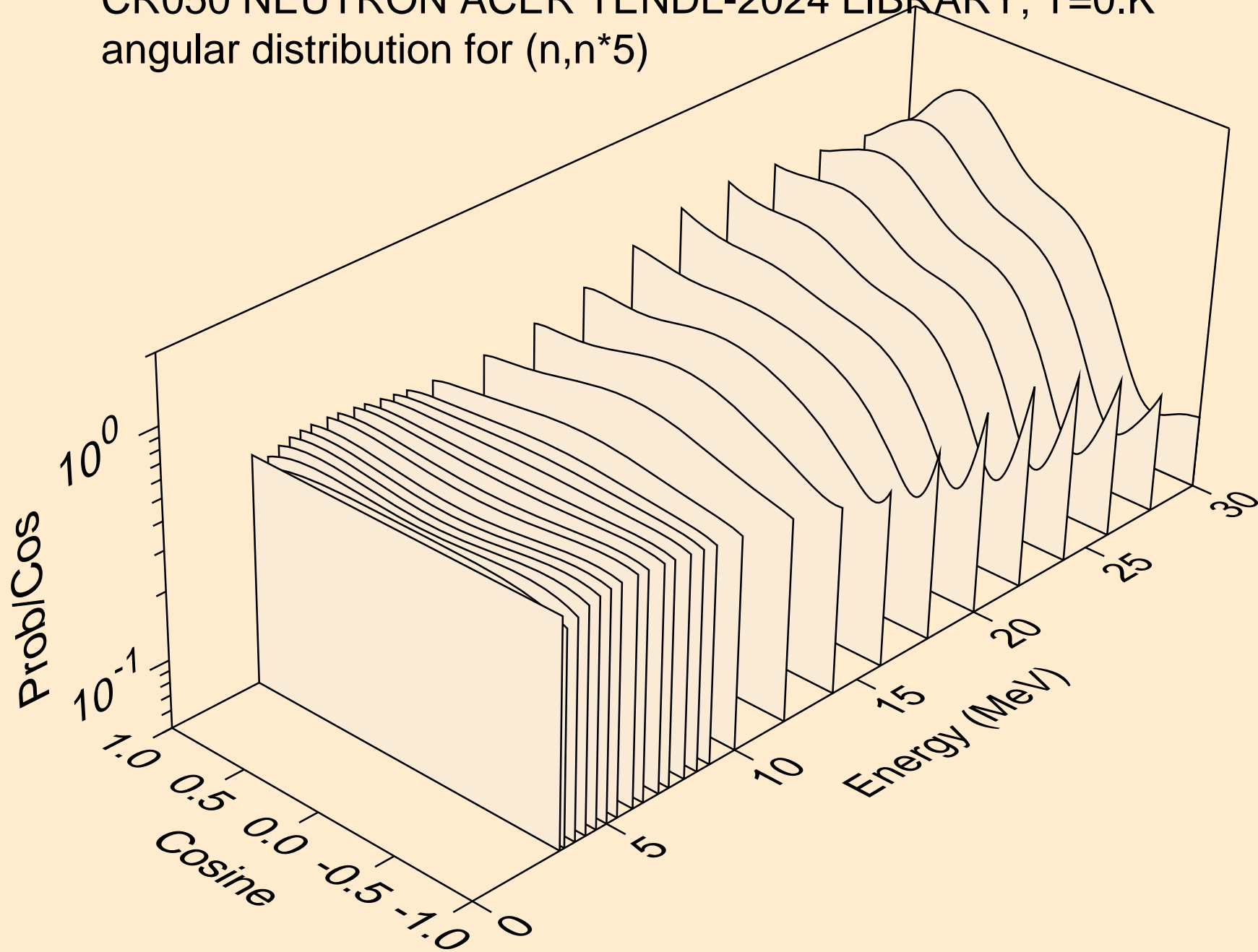
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



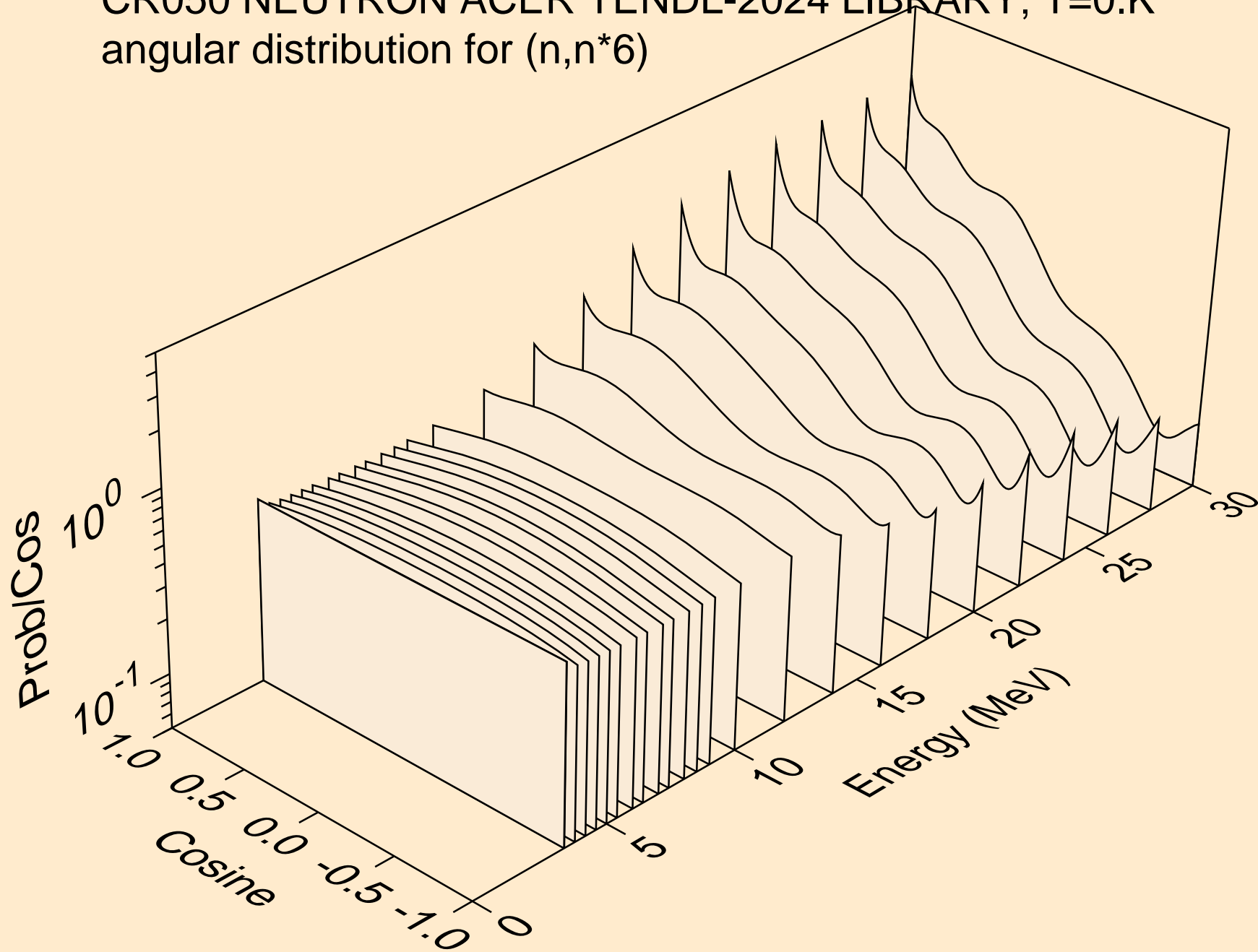
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angular distribution for (n,n\*4)



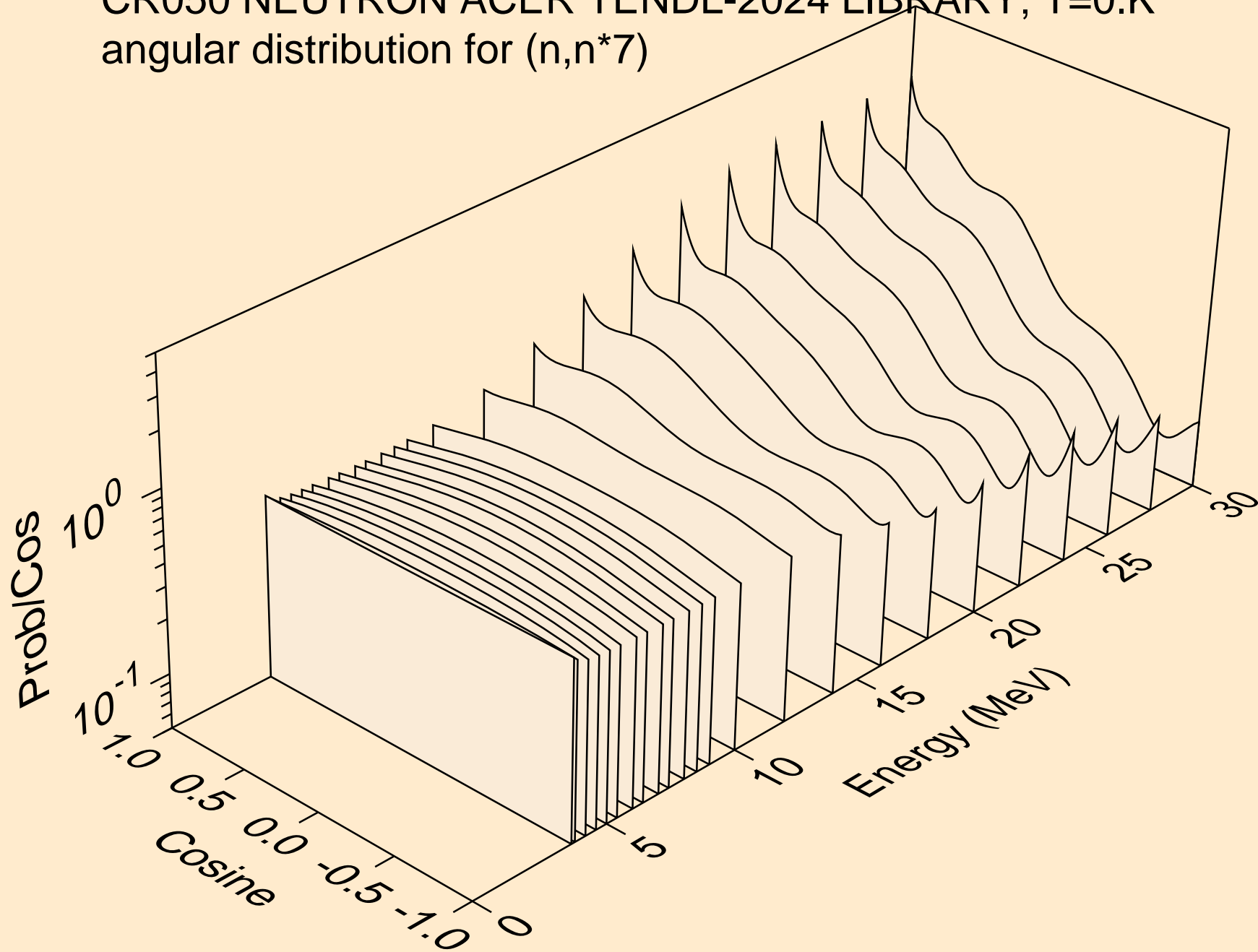
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



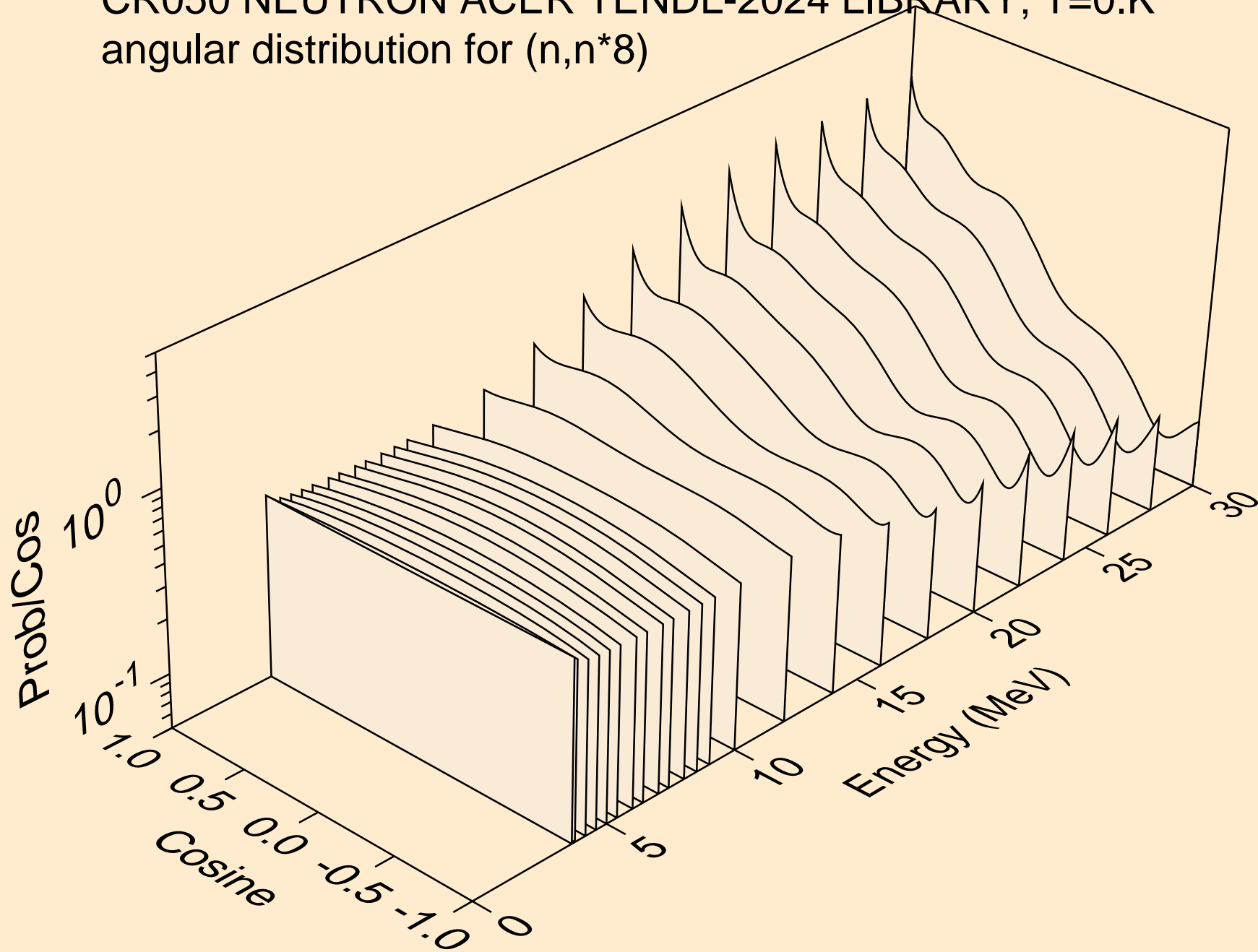
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



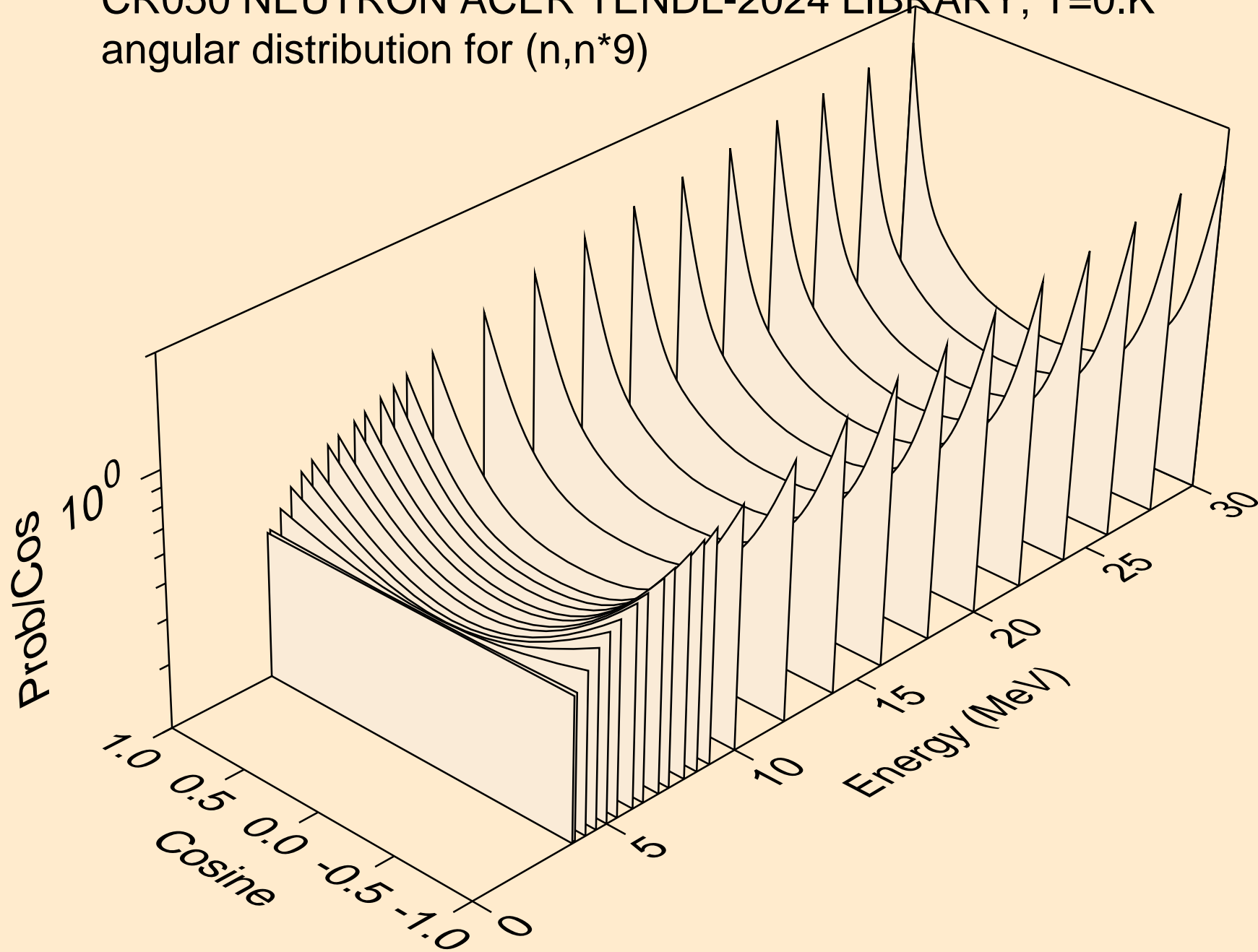
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



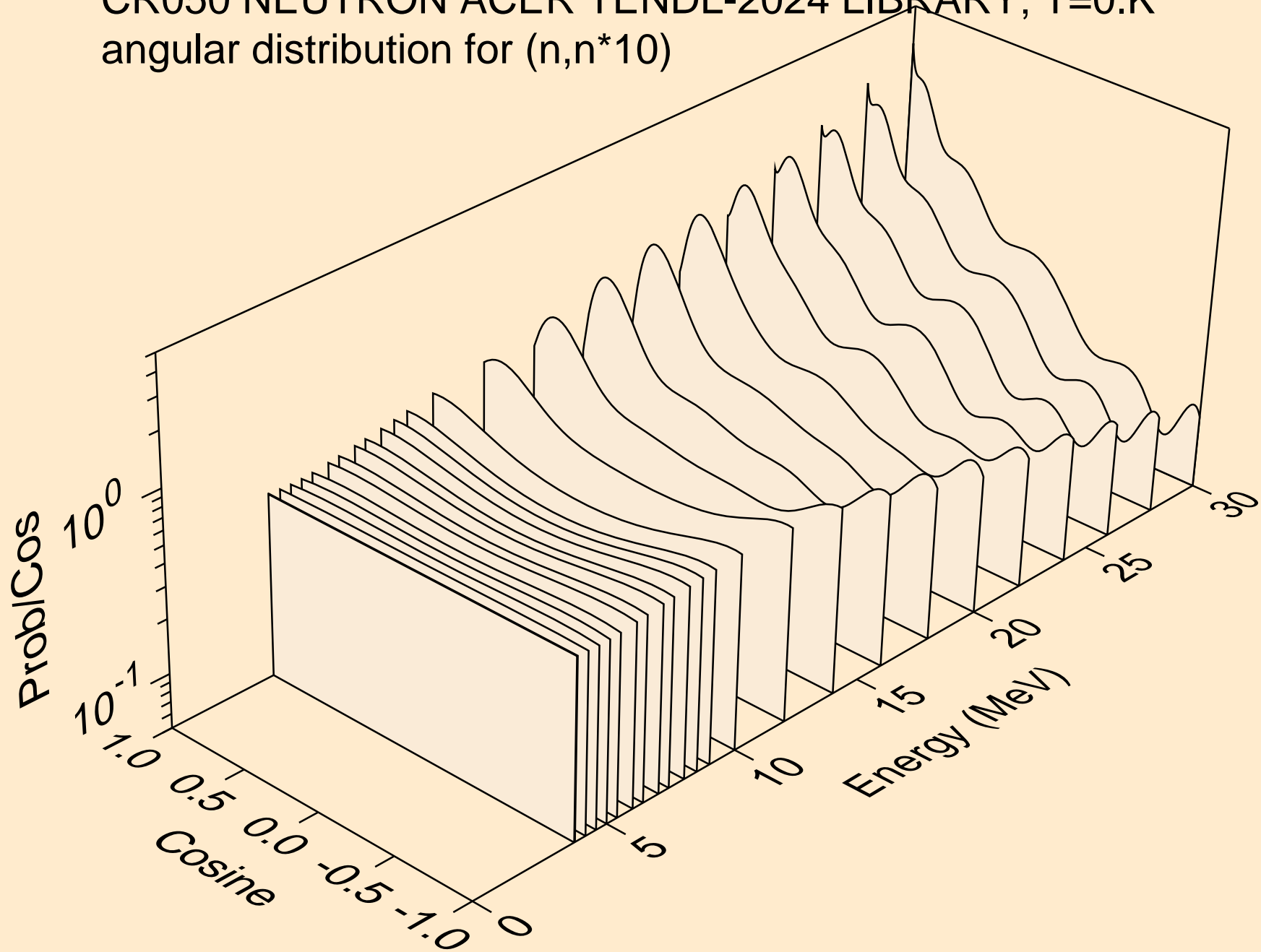
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

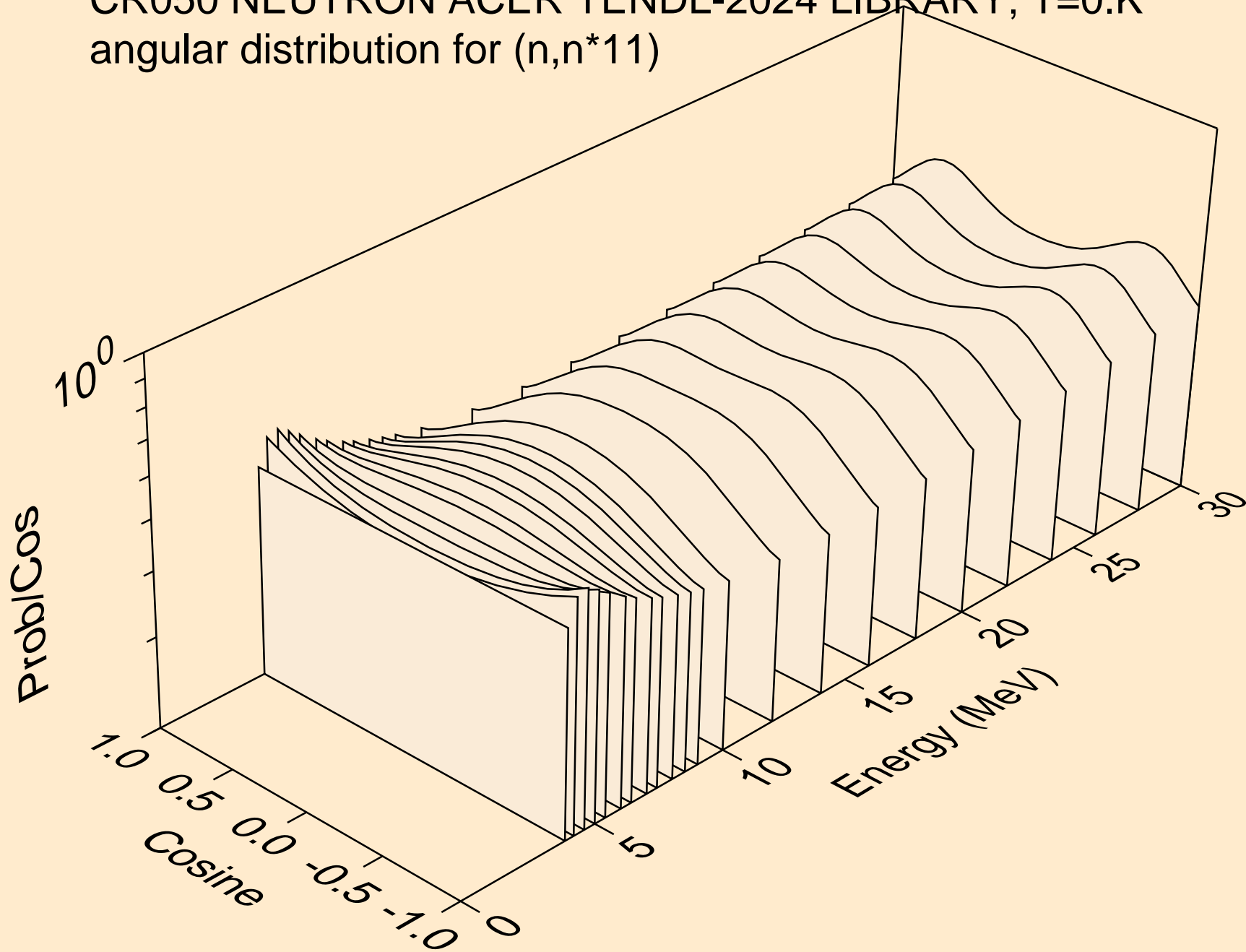


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

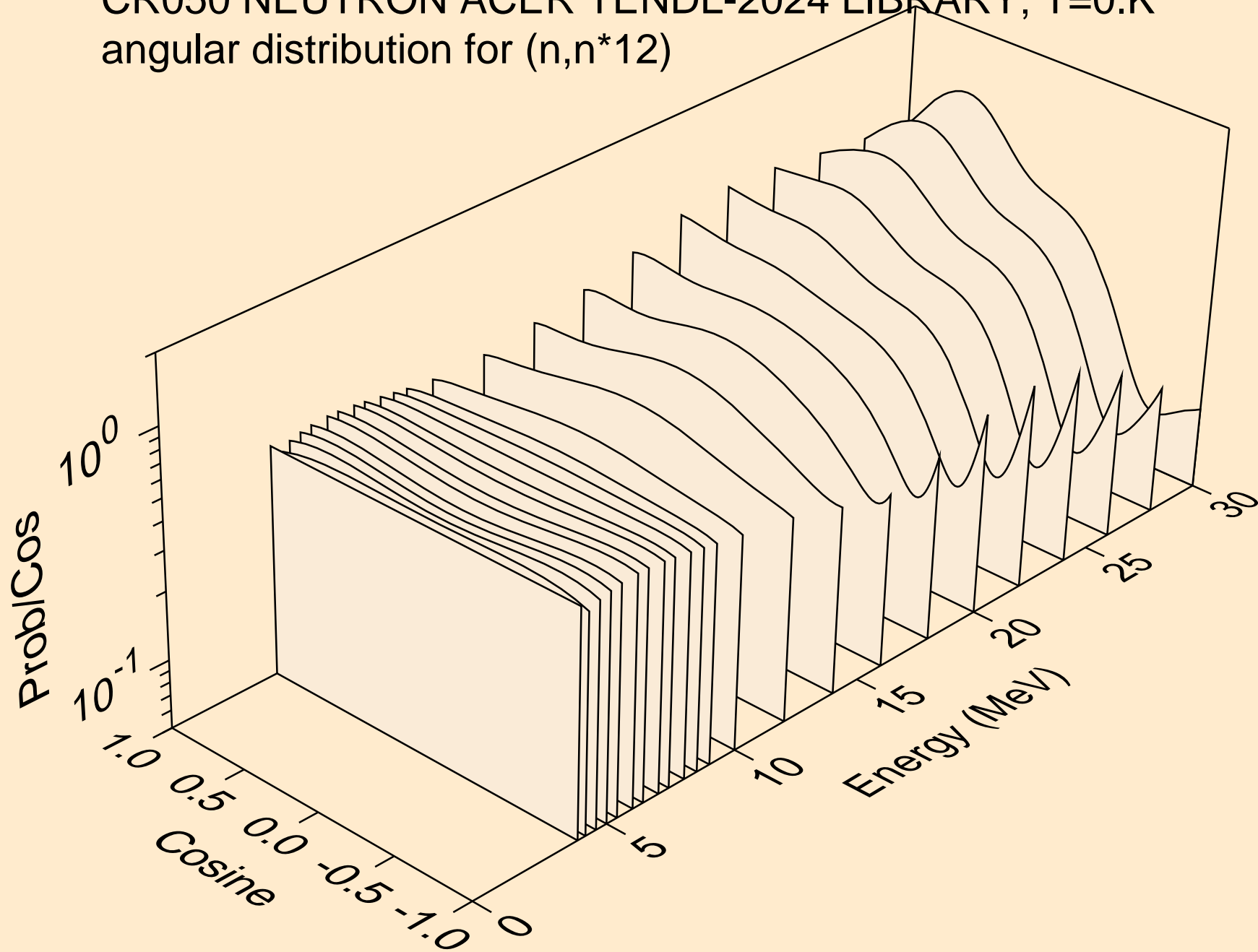




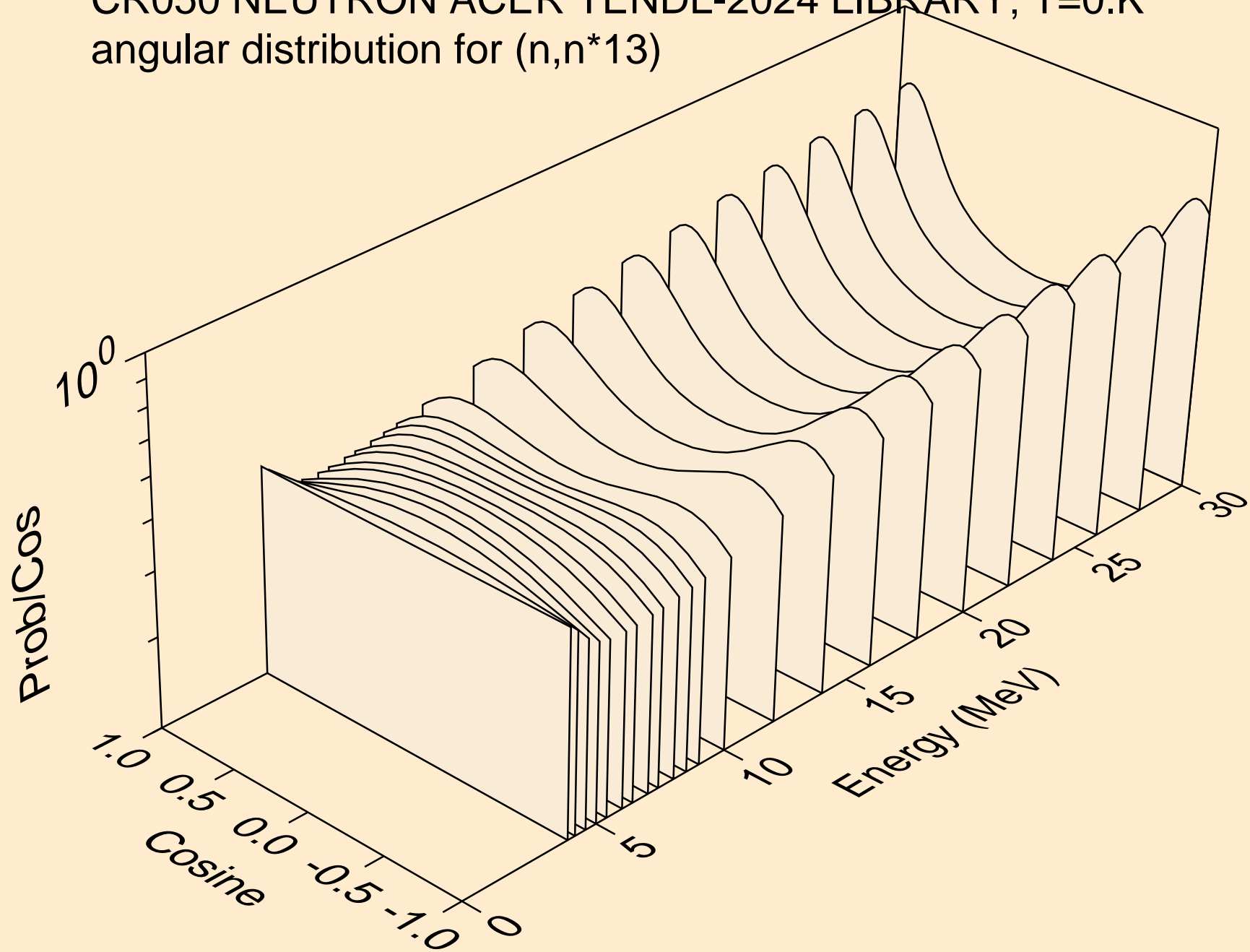
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



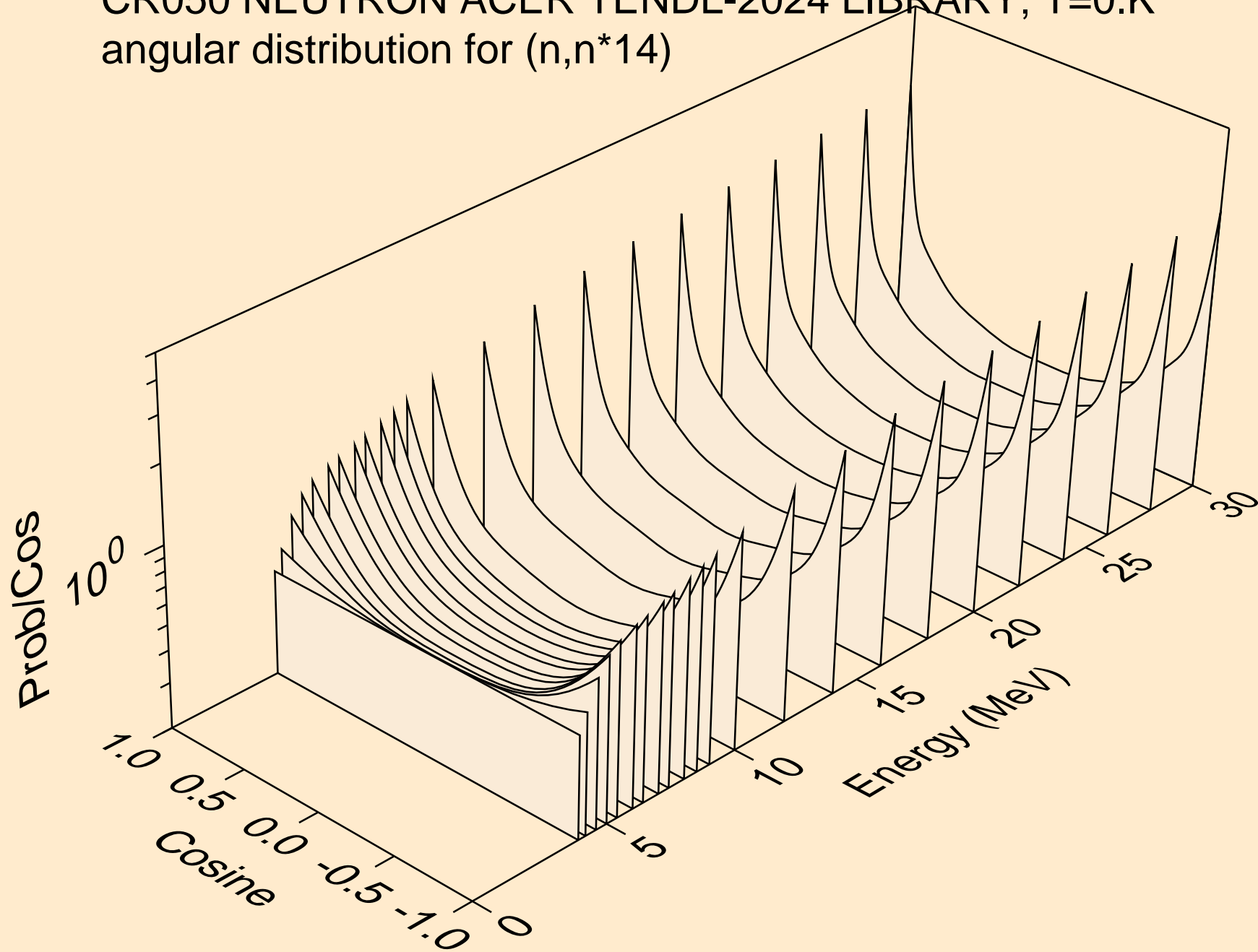
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angular distribution for (n,n\*12)



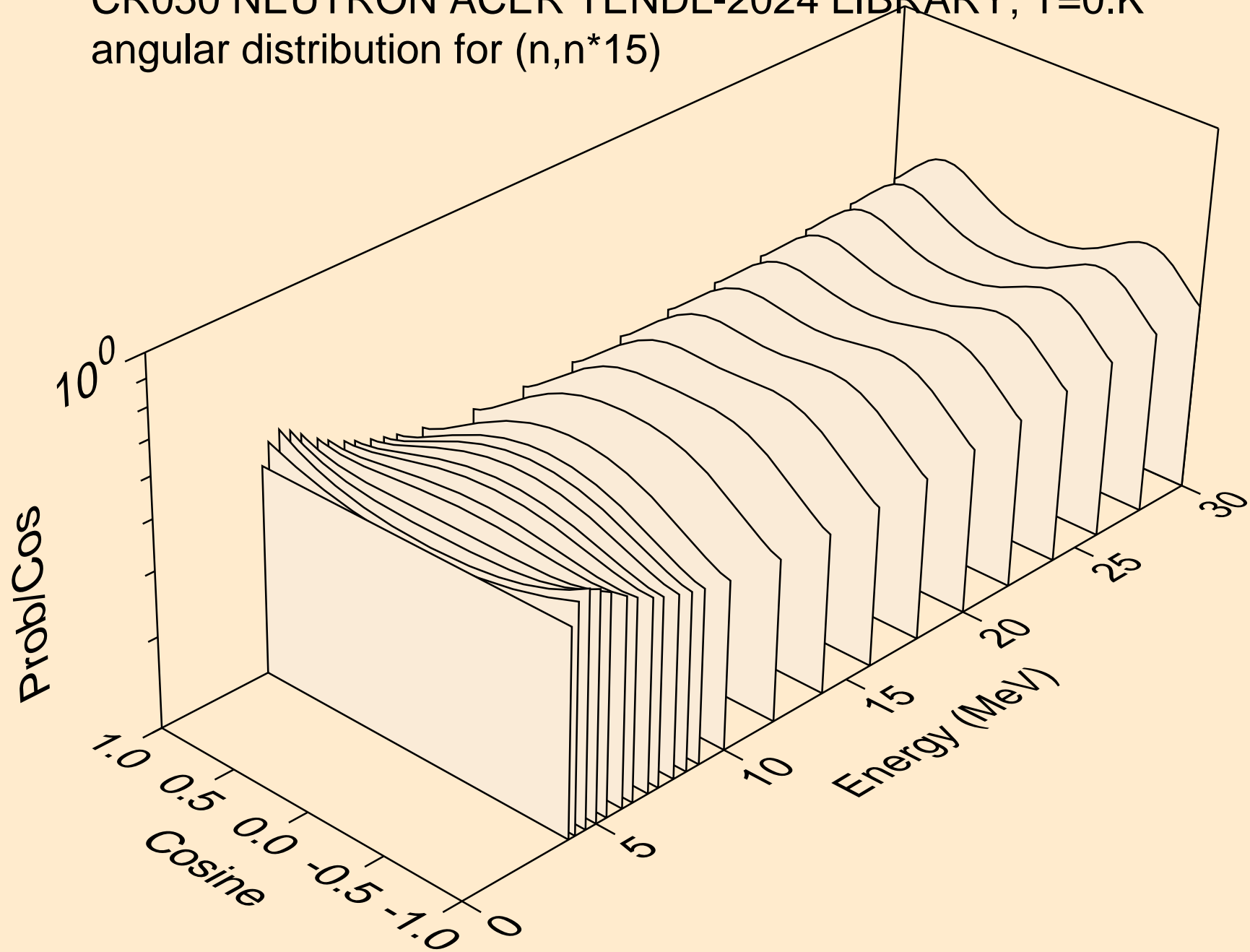
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angular distribution for (n,n\*13)



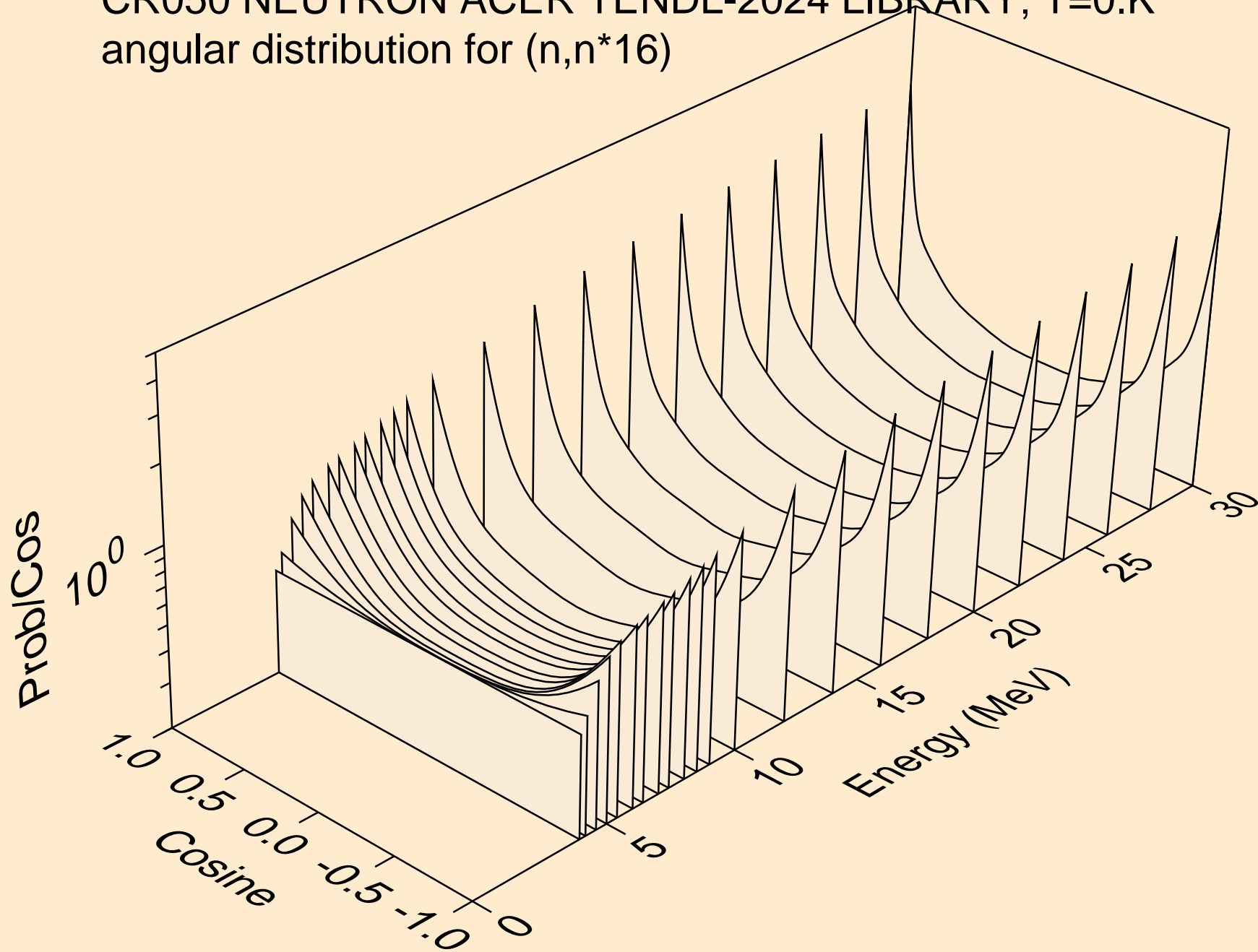
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angular distribution for (n,n\*14)



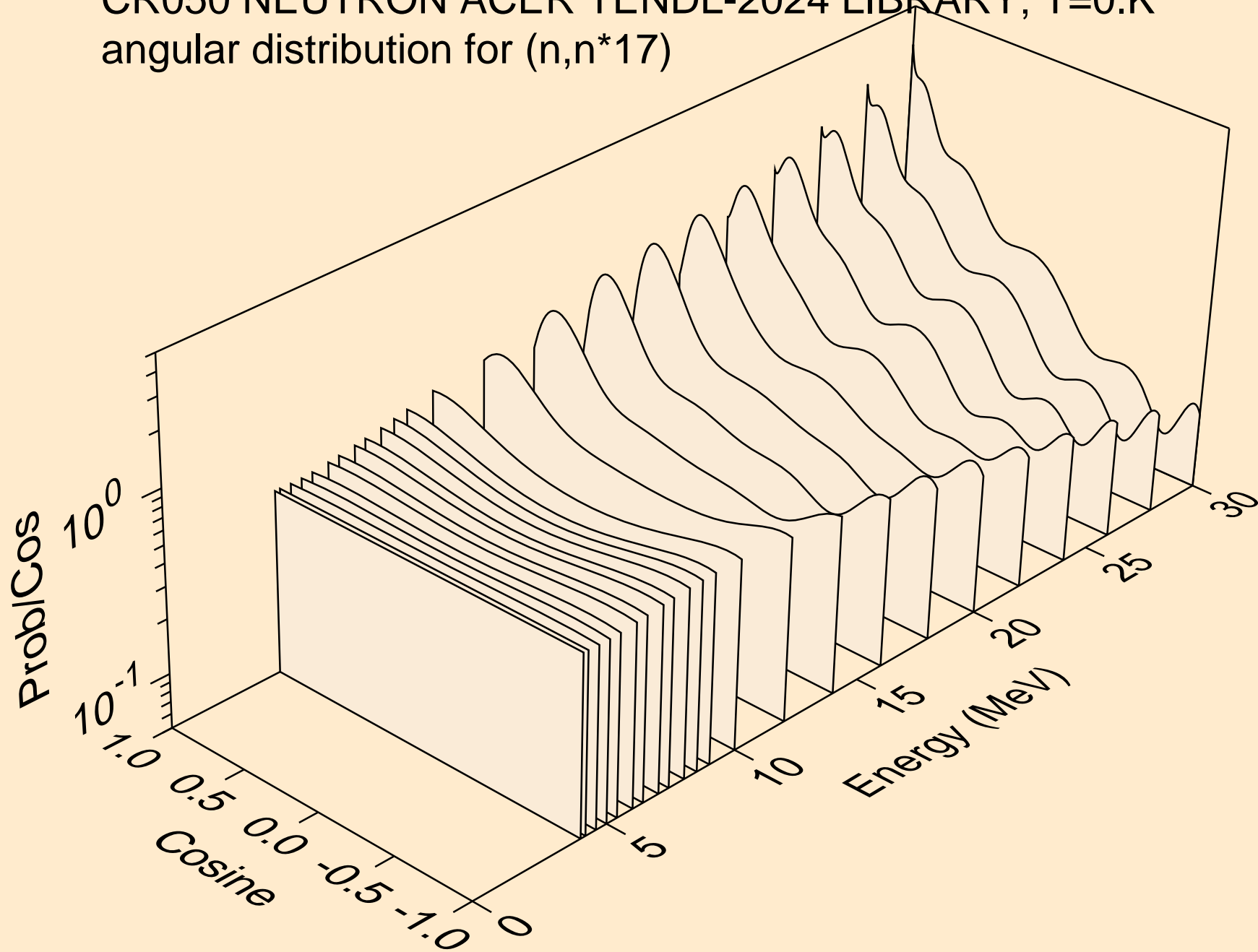
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angular distribution for (n,n\*15)



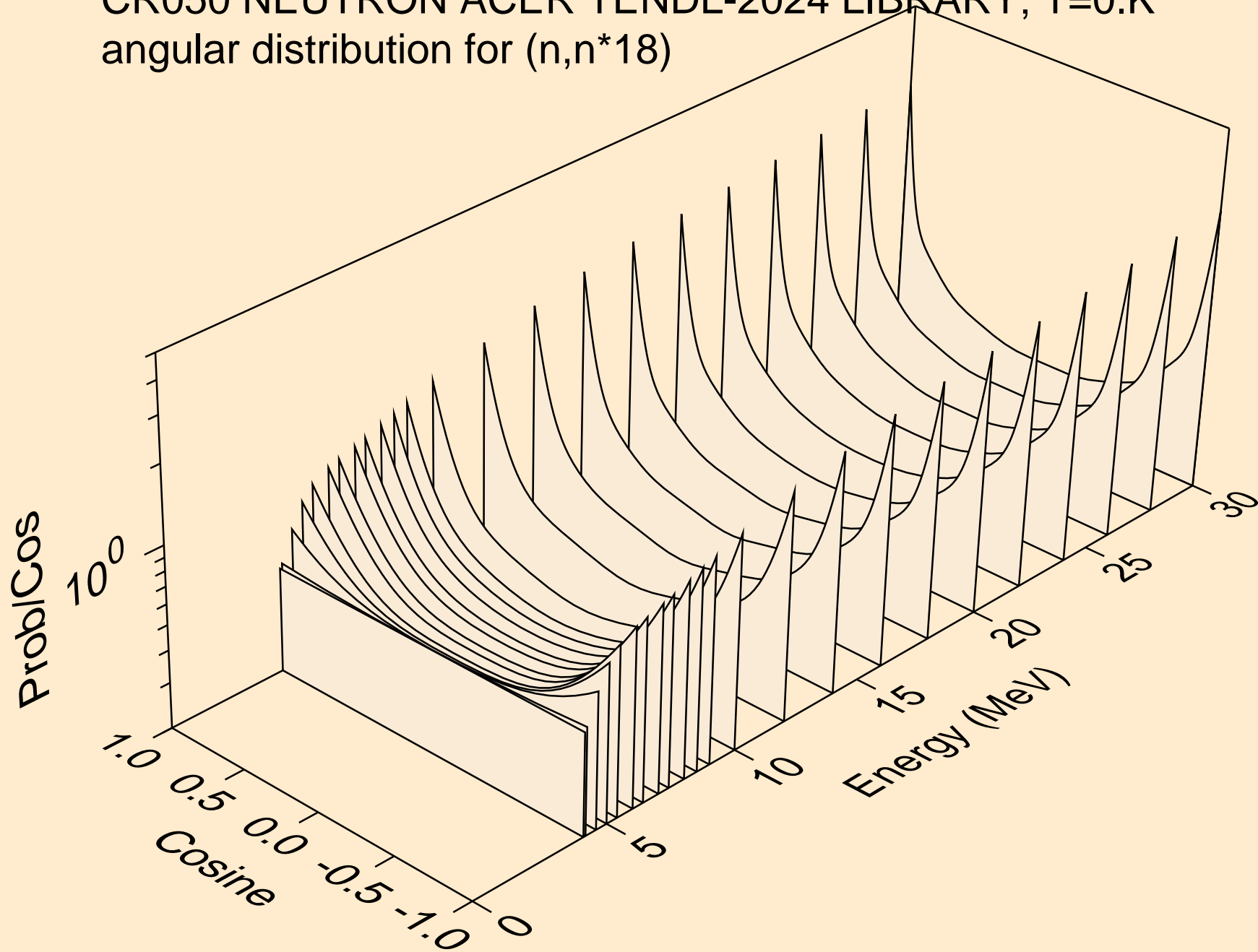
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

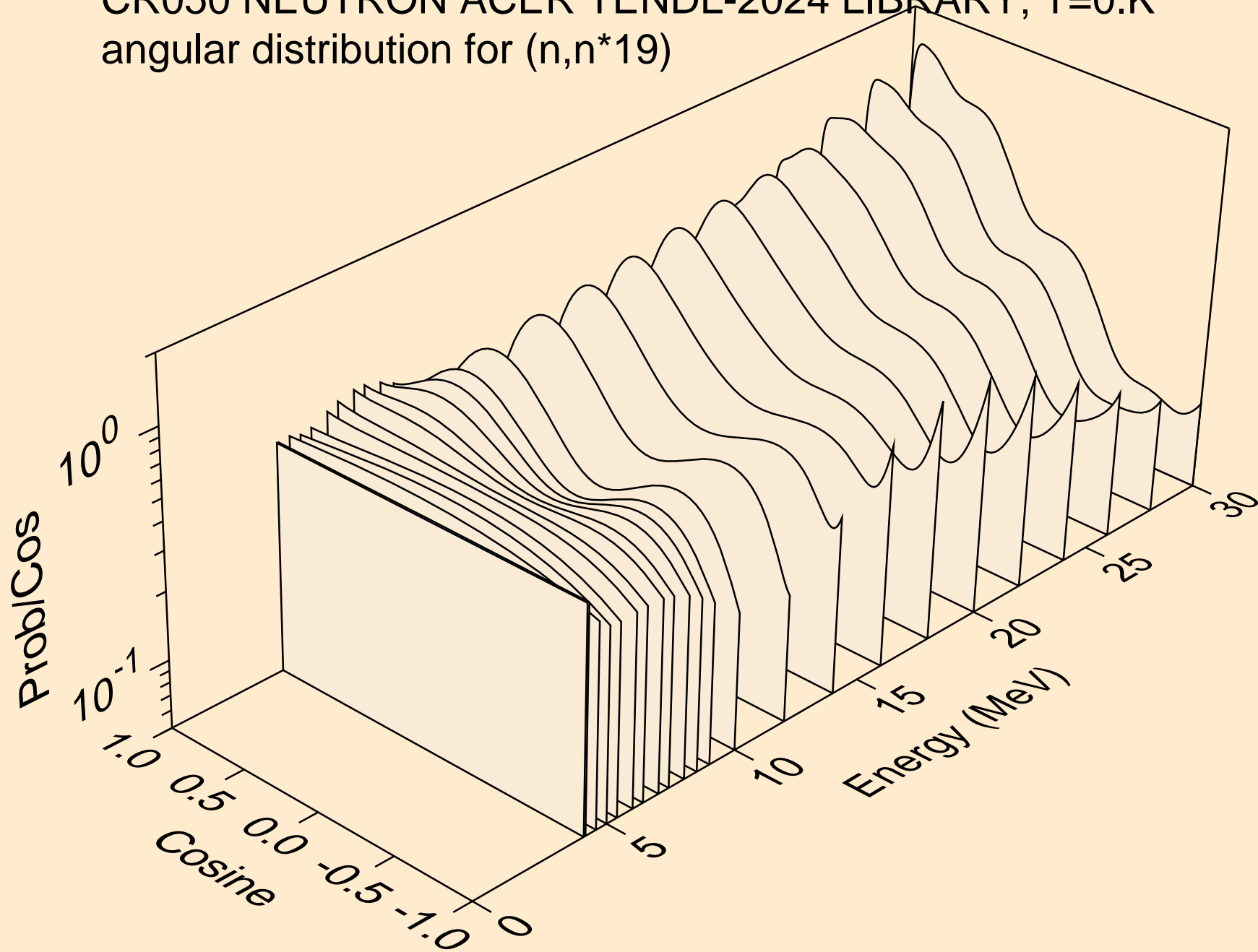


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

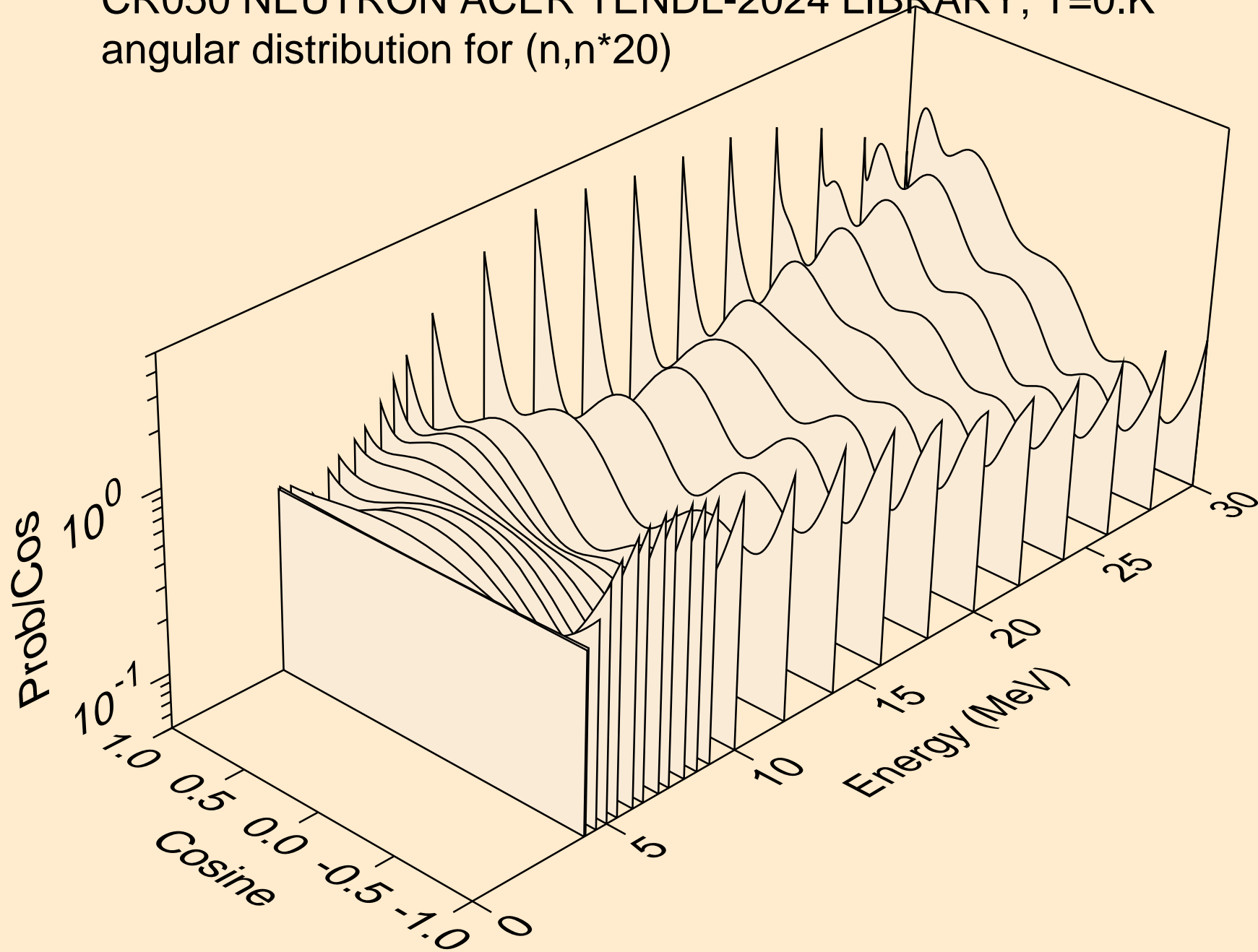




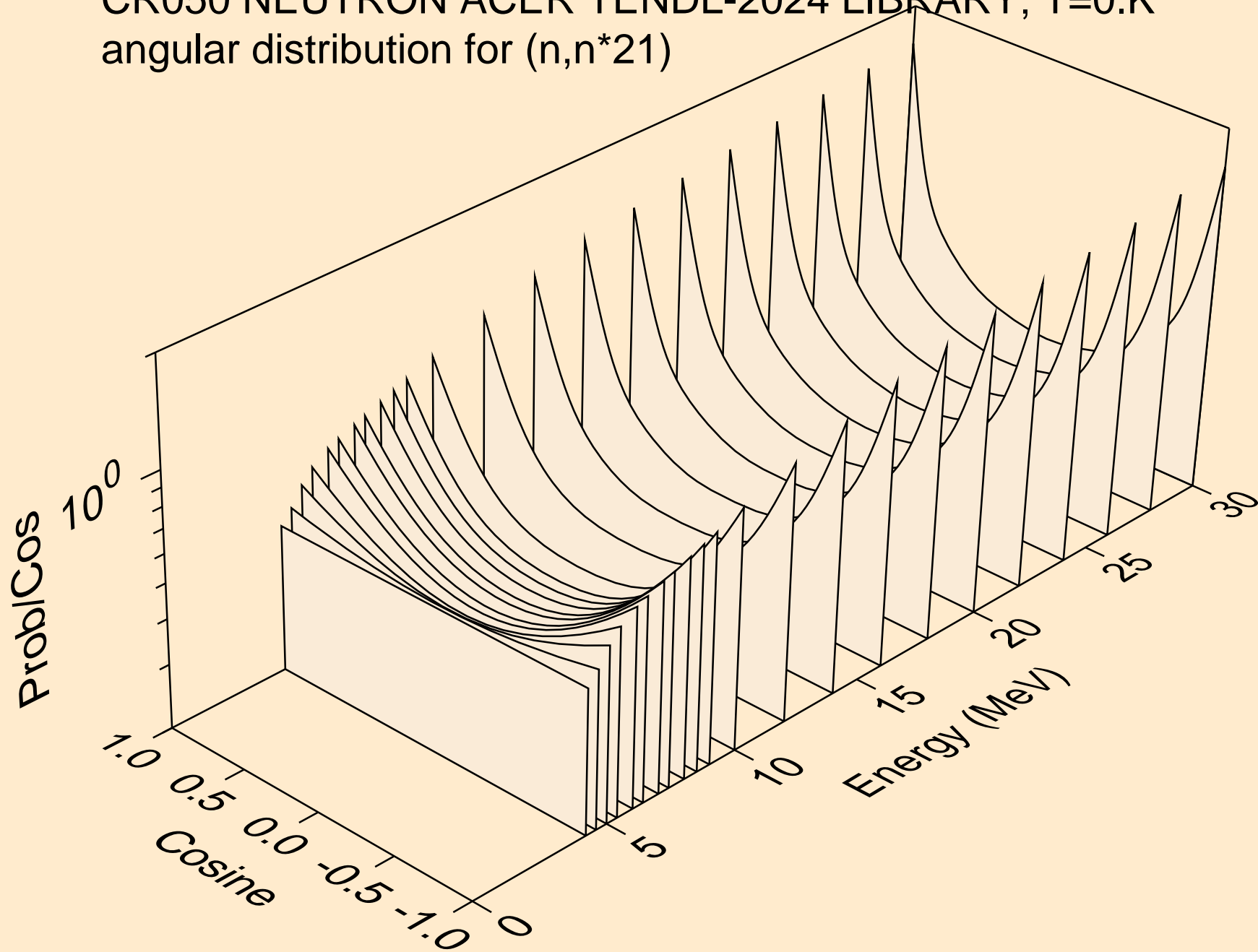
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angular distribution for (n,n\*19)



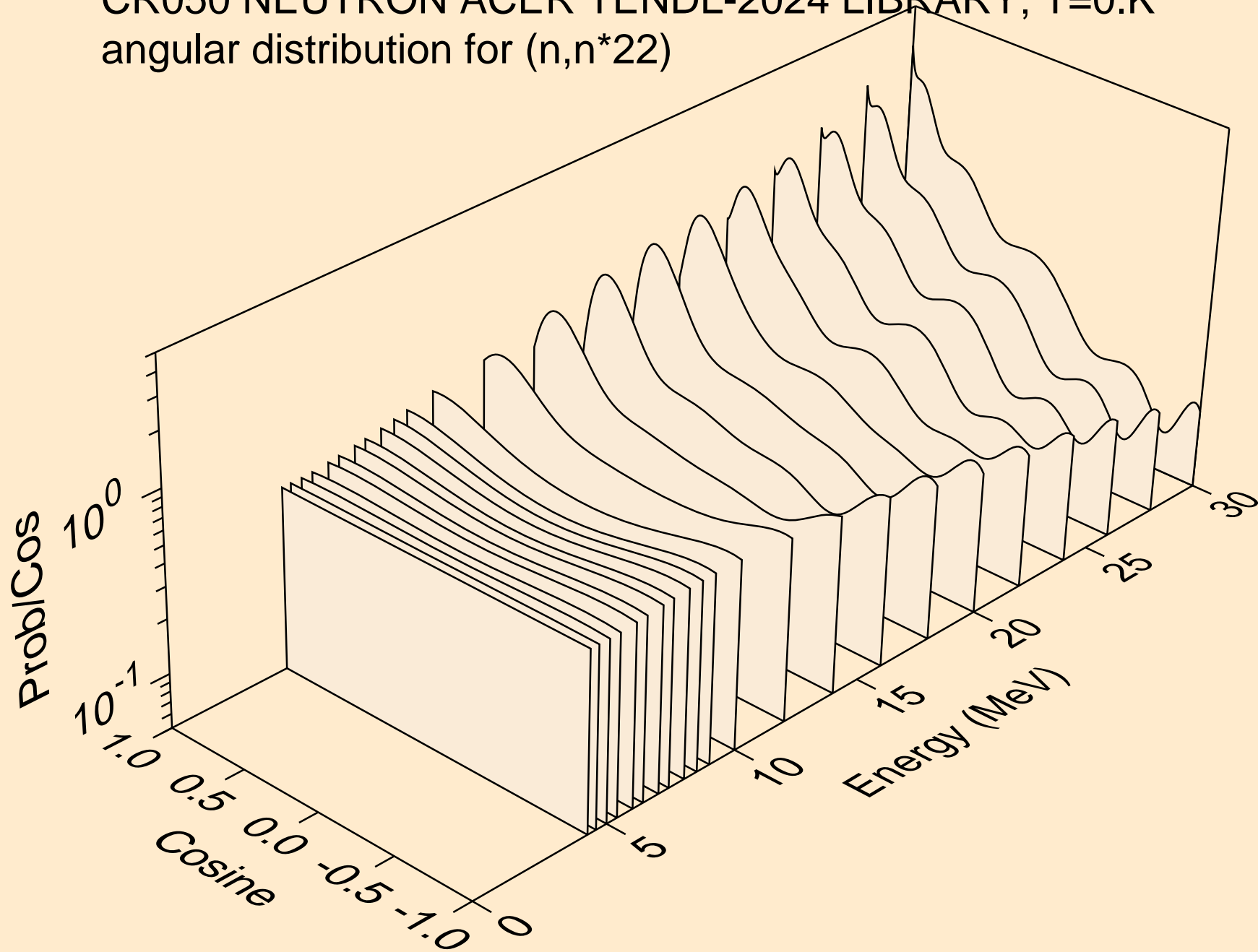
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angular distribution for (n,n\*20)



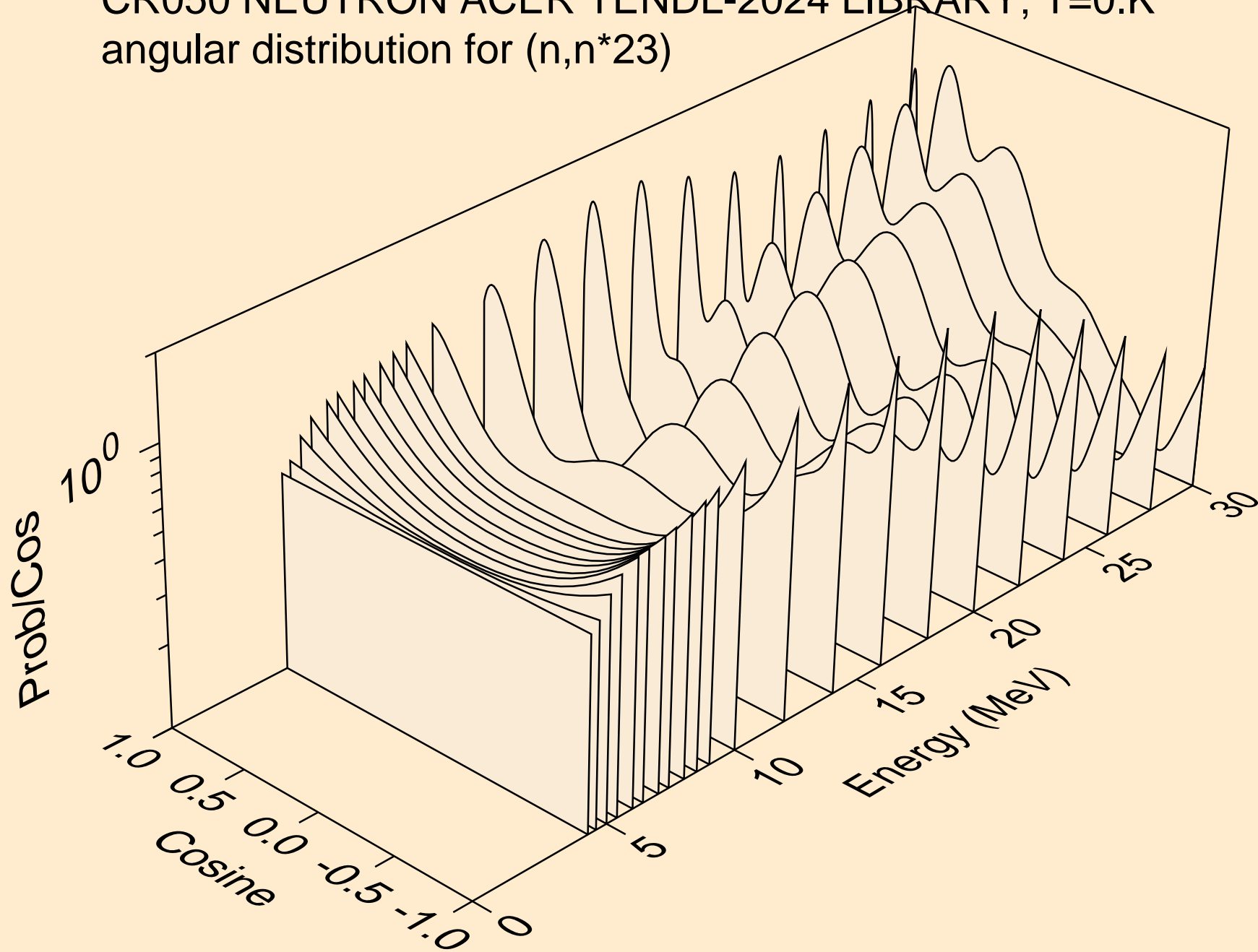
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angular distribution for (n,n\*21)



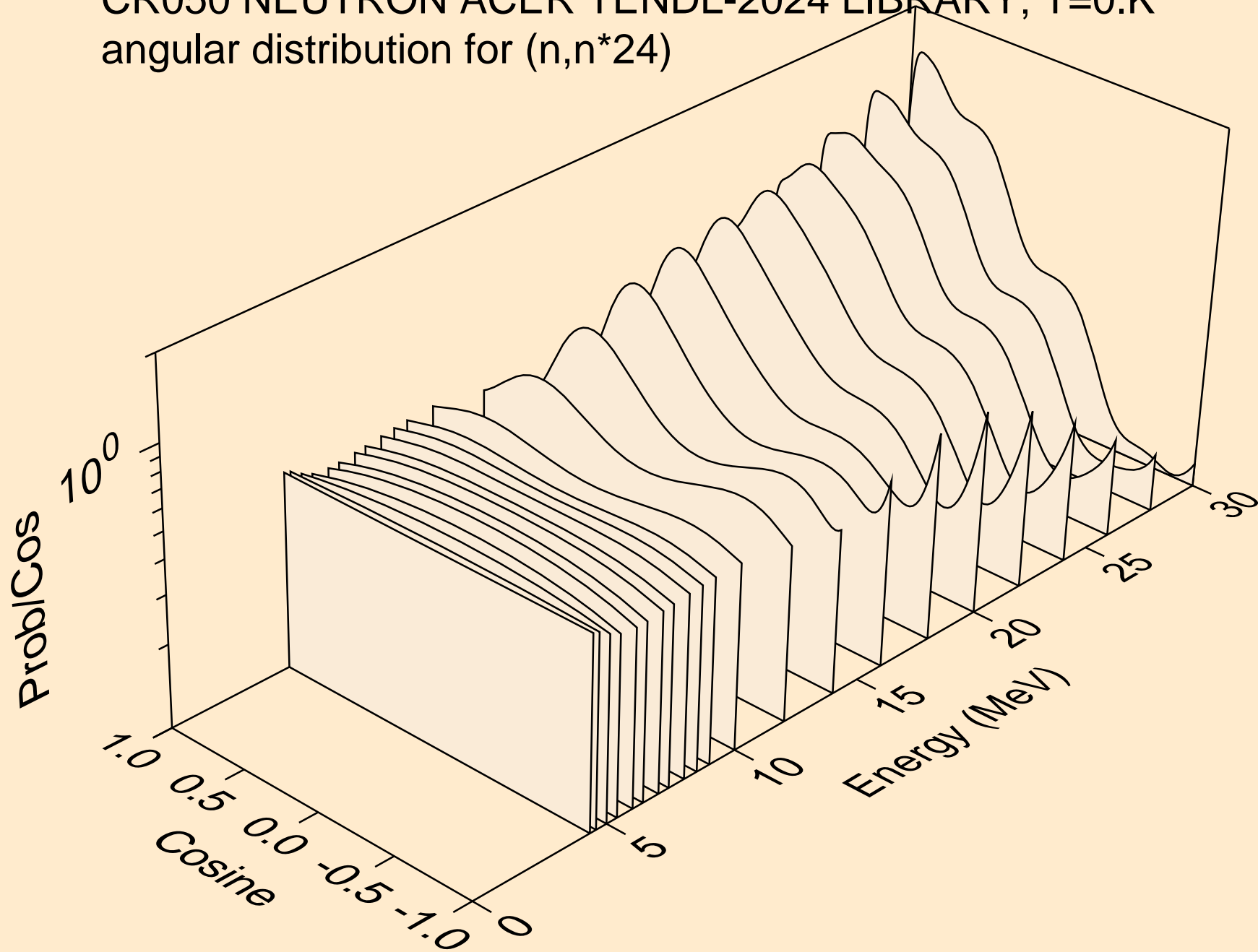
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angular distribution for (n,n\*22)



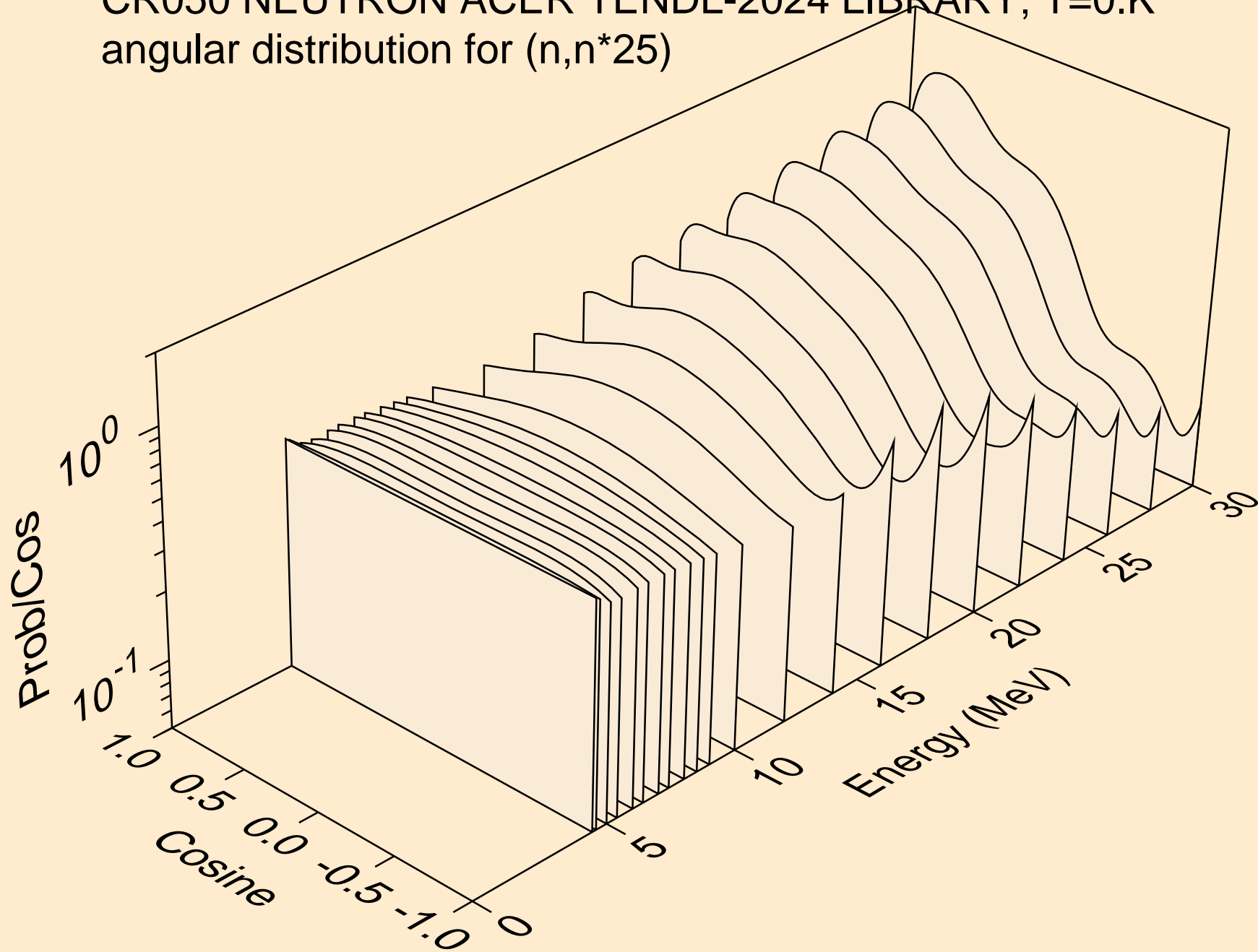
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



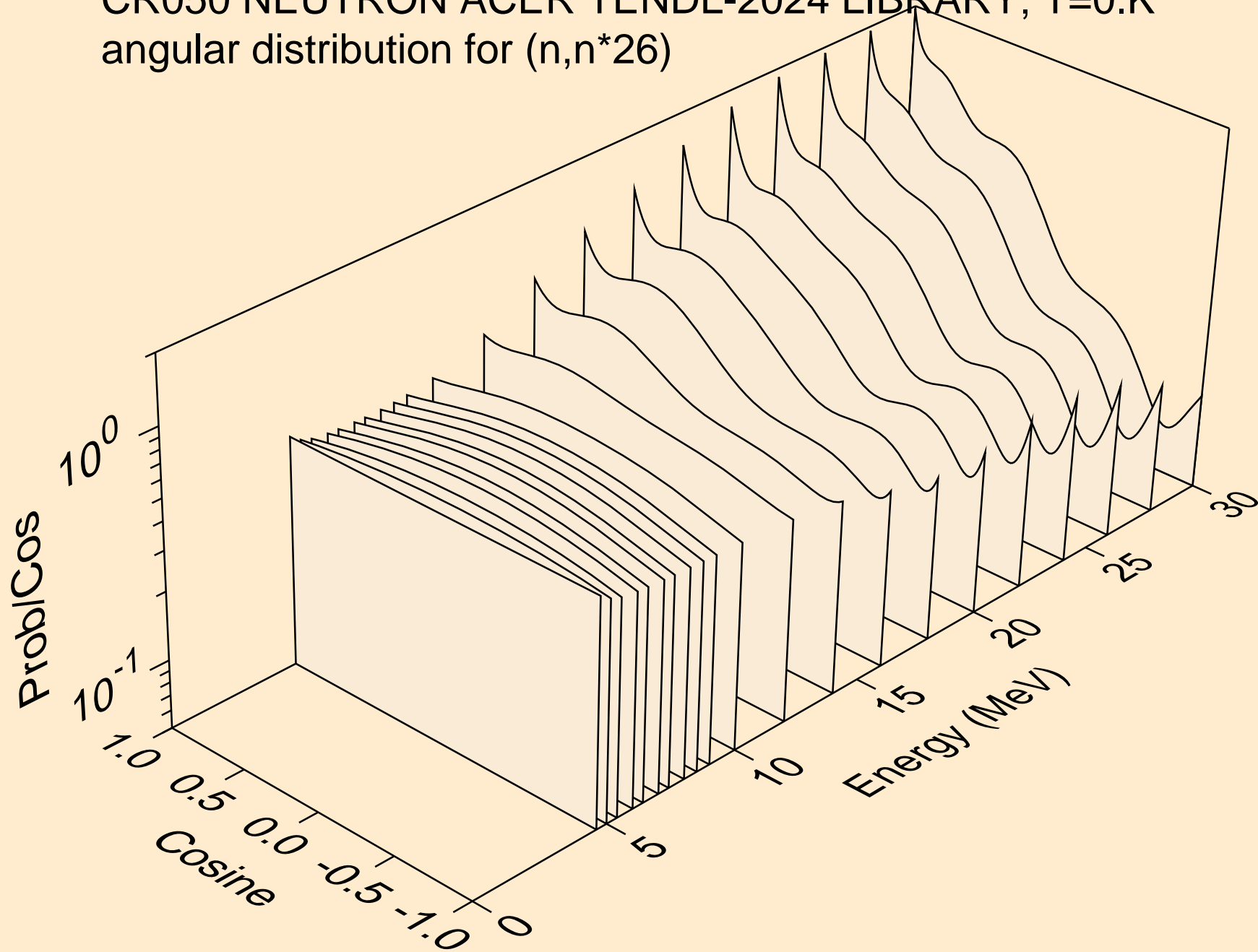
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

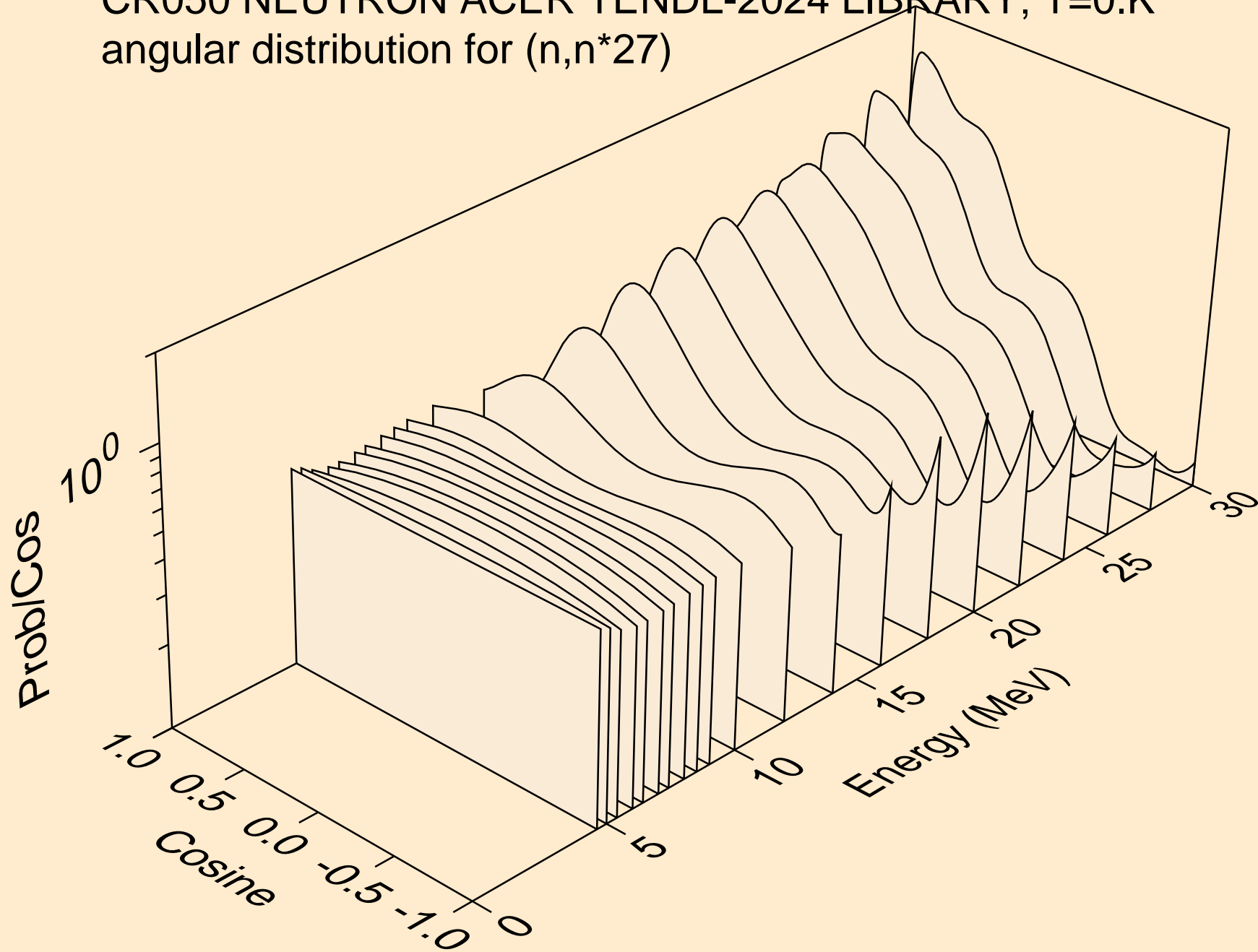


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

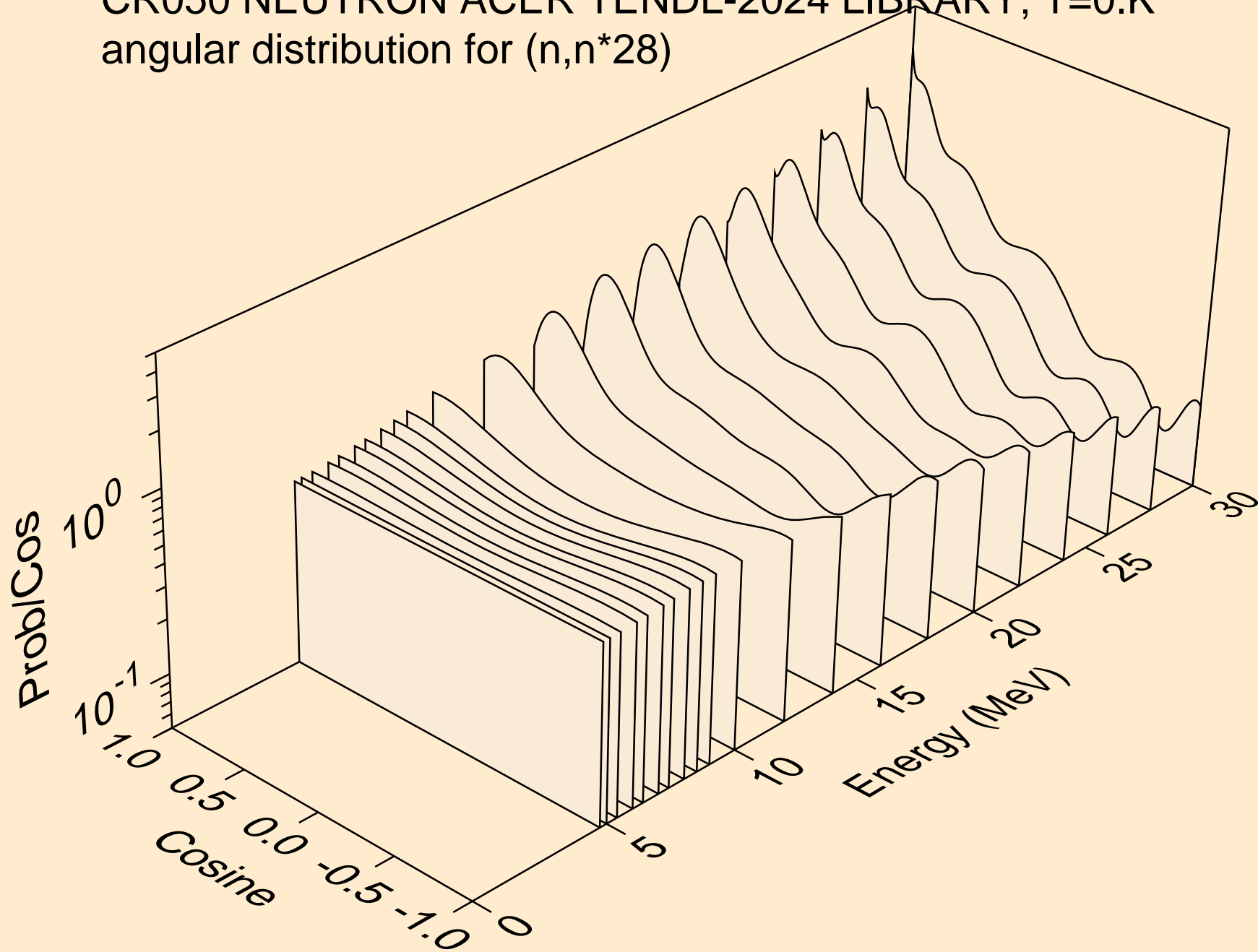




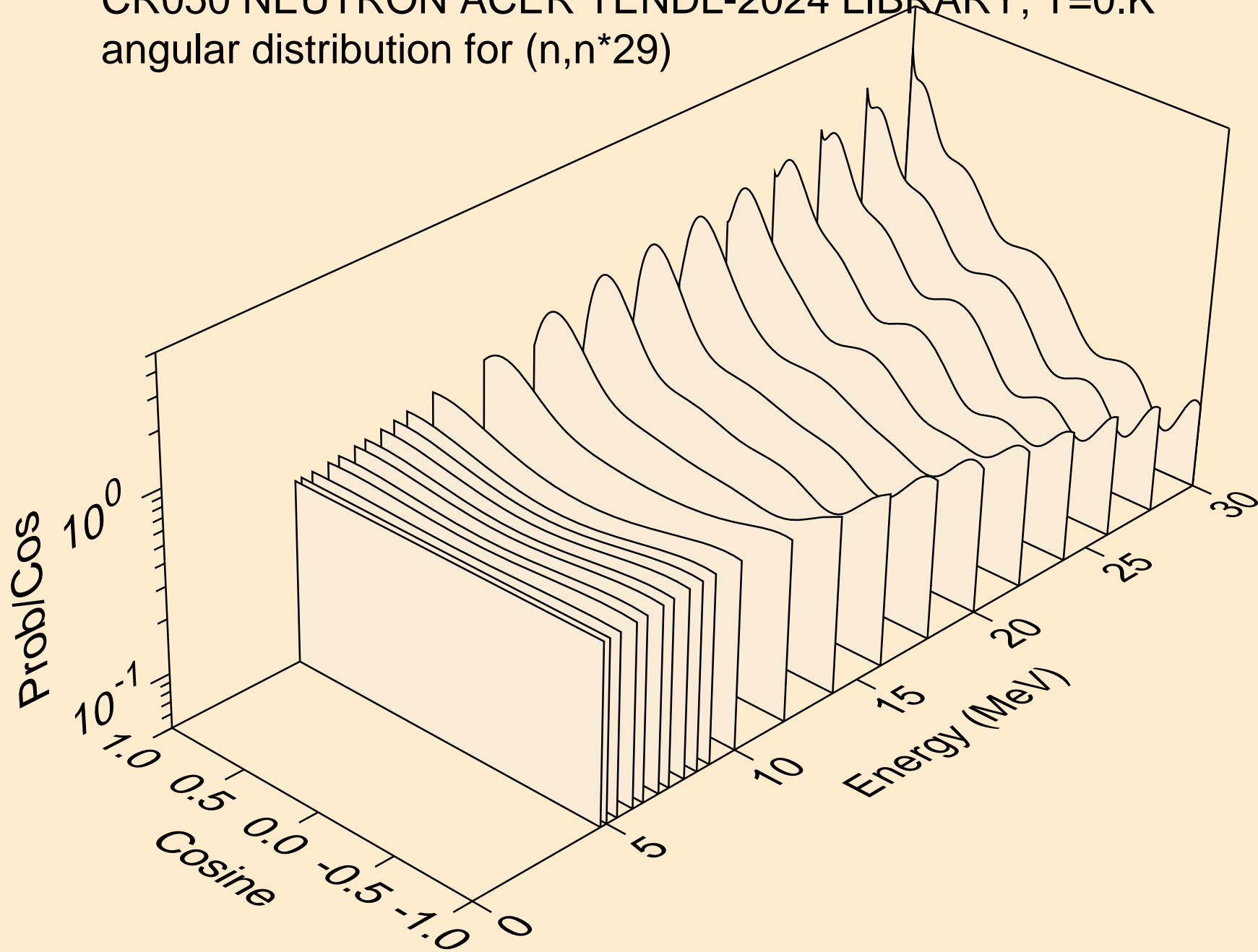
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



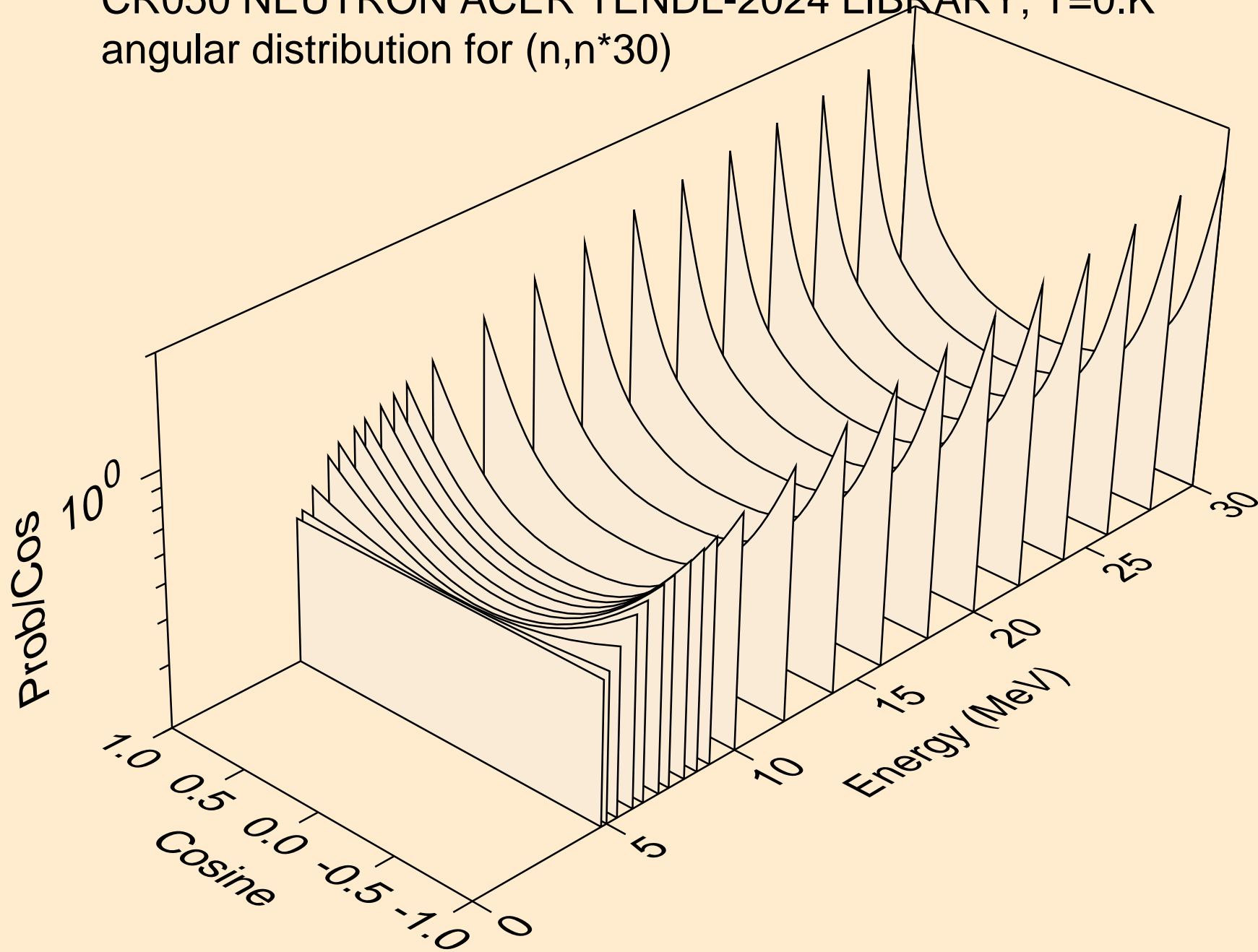
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



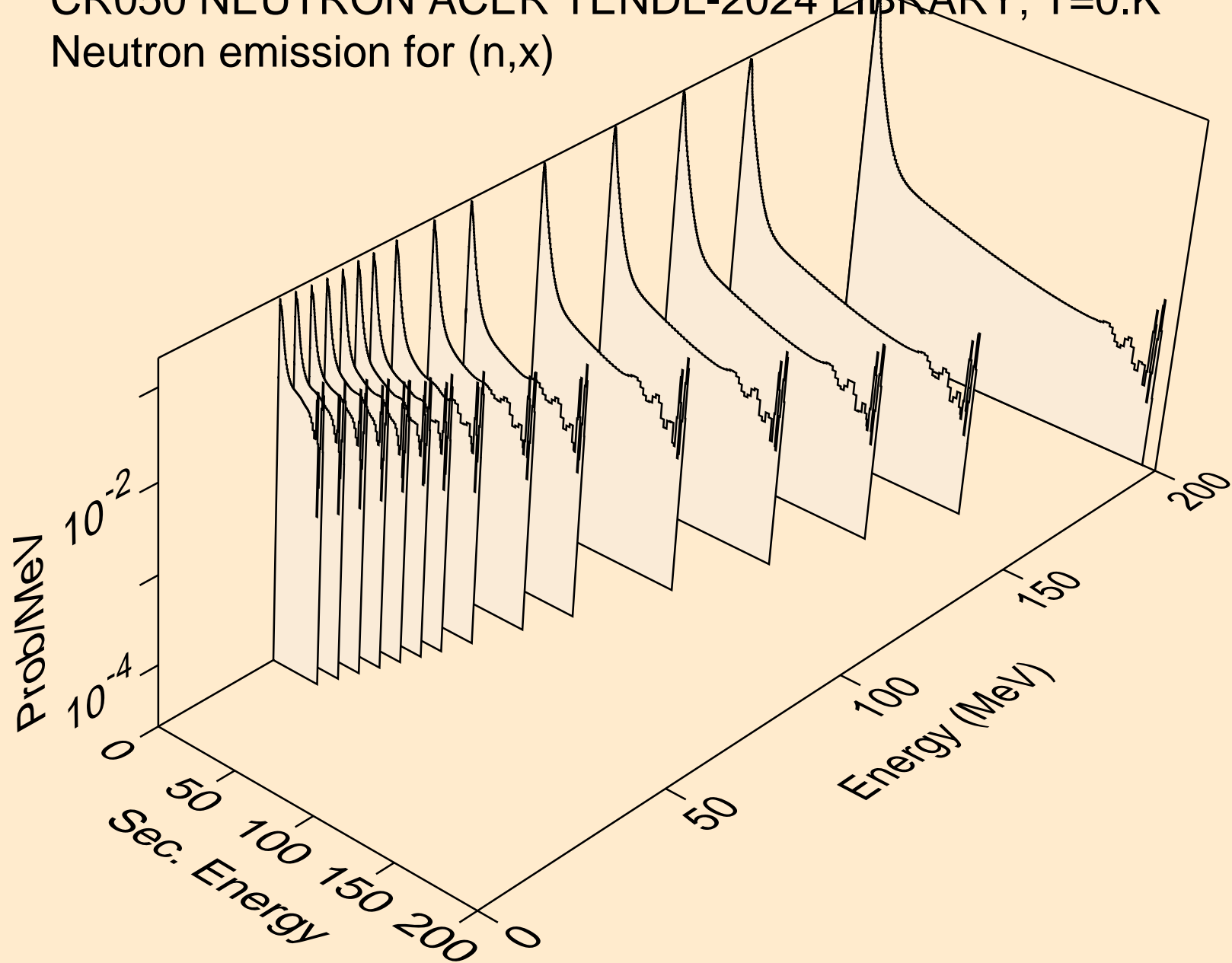
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



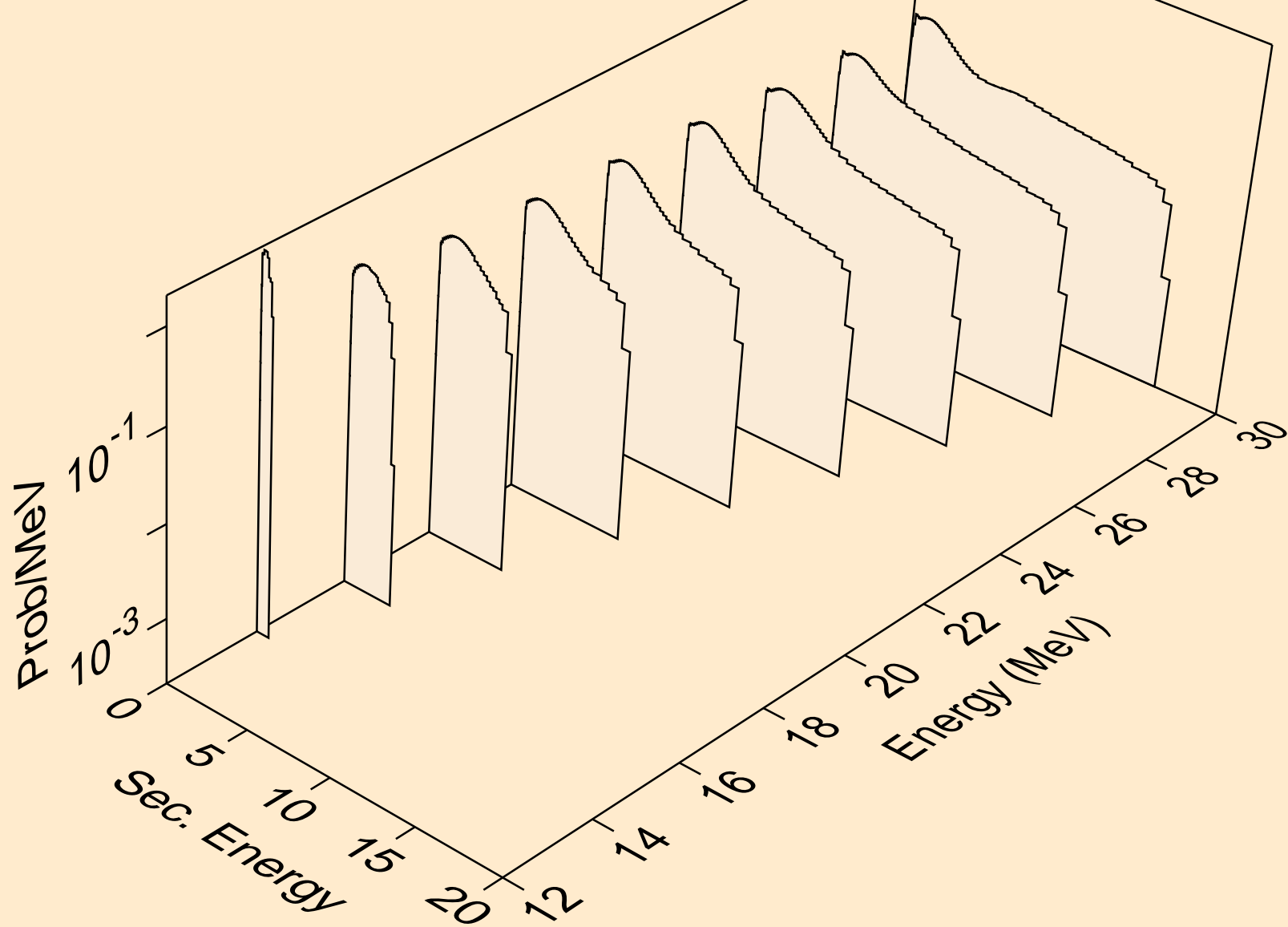
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



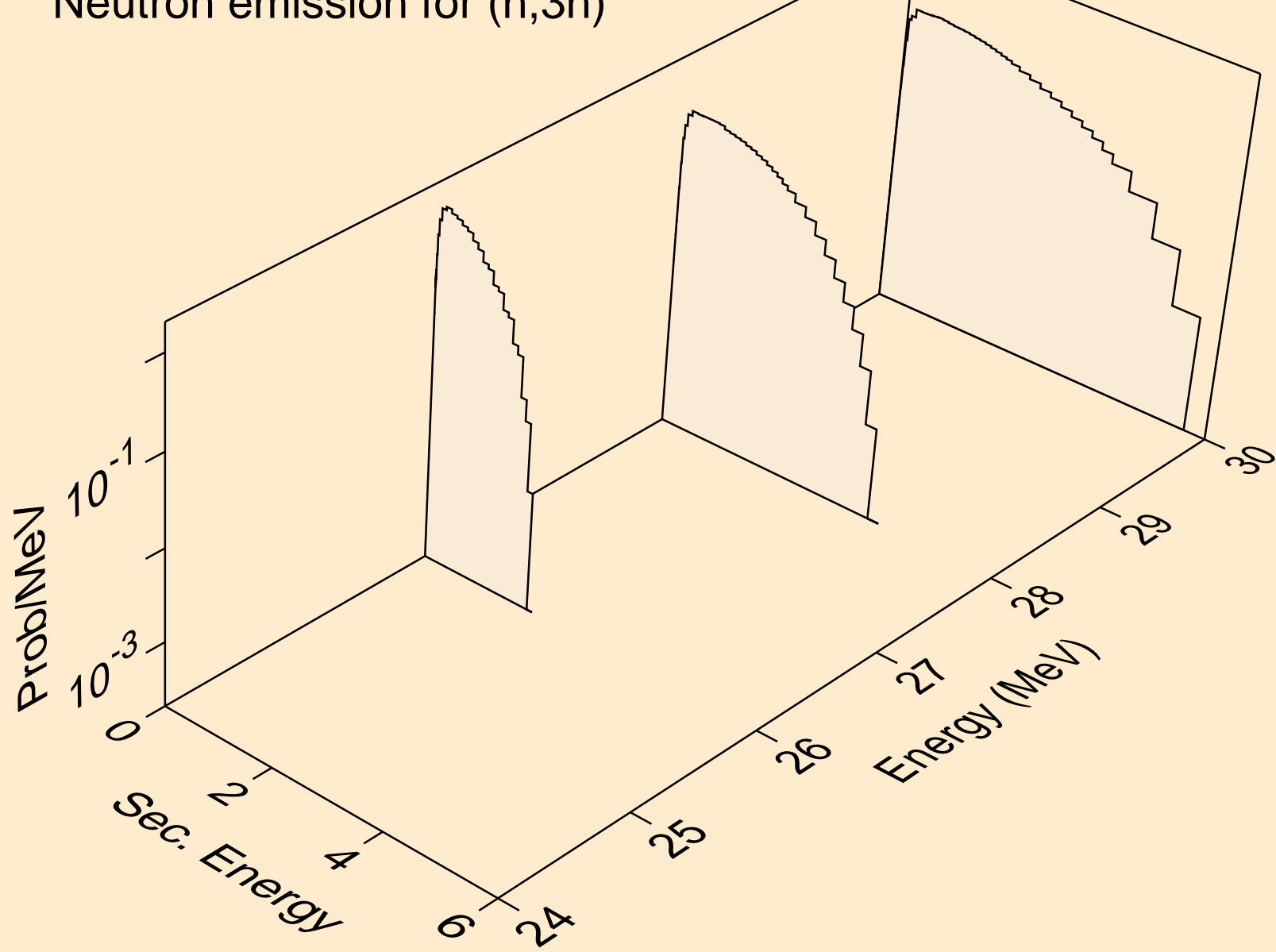
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



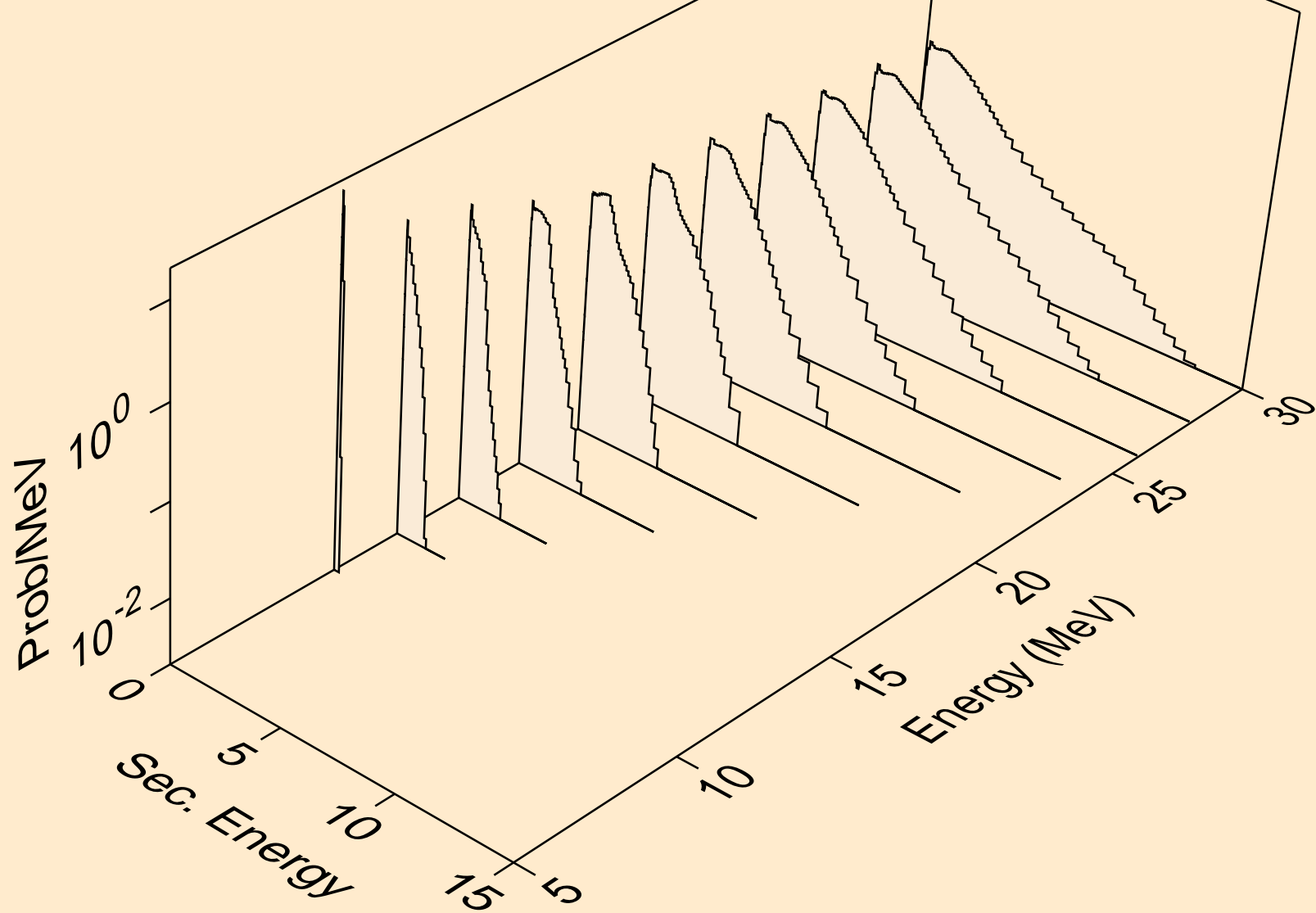
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

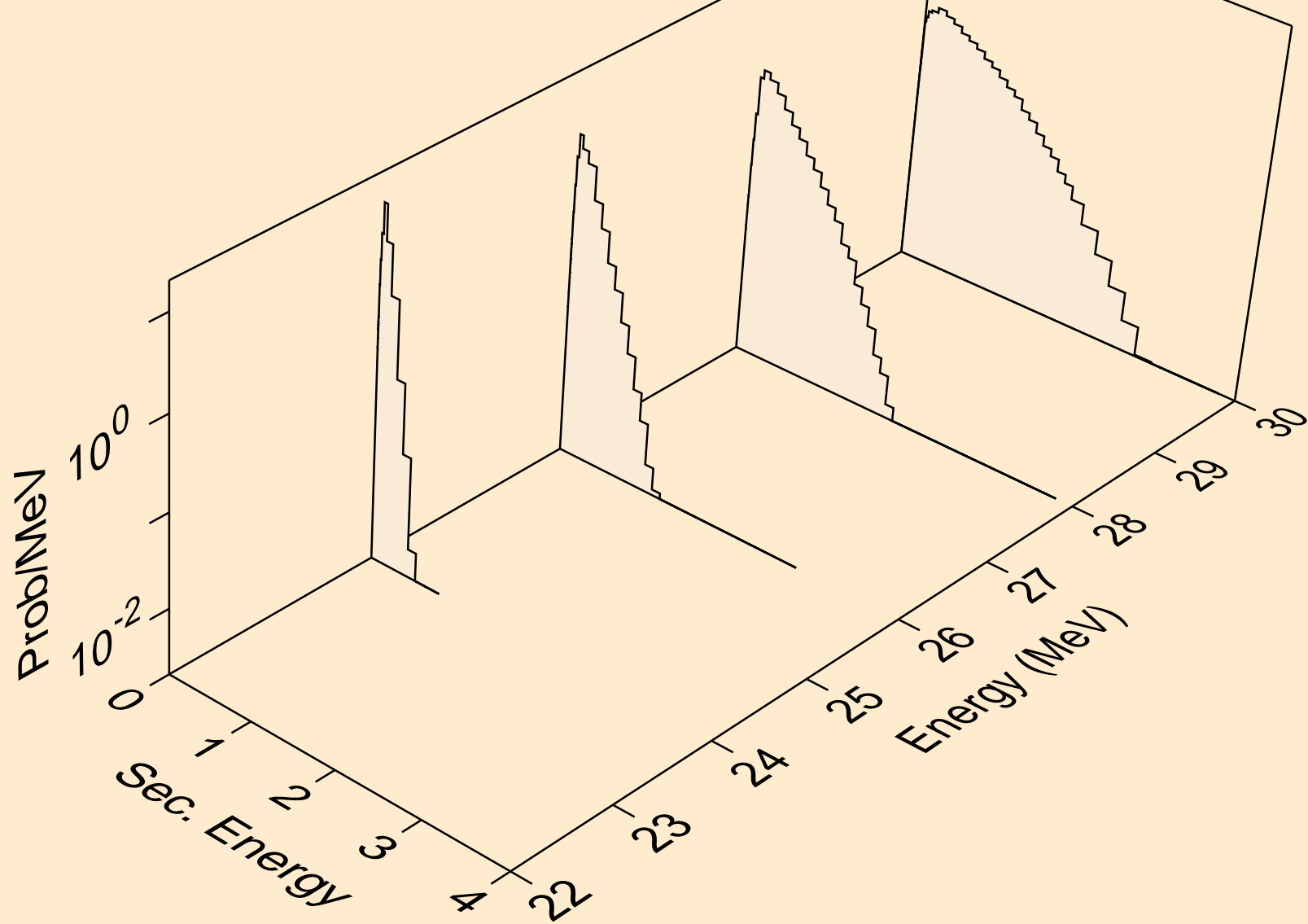


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

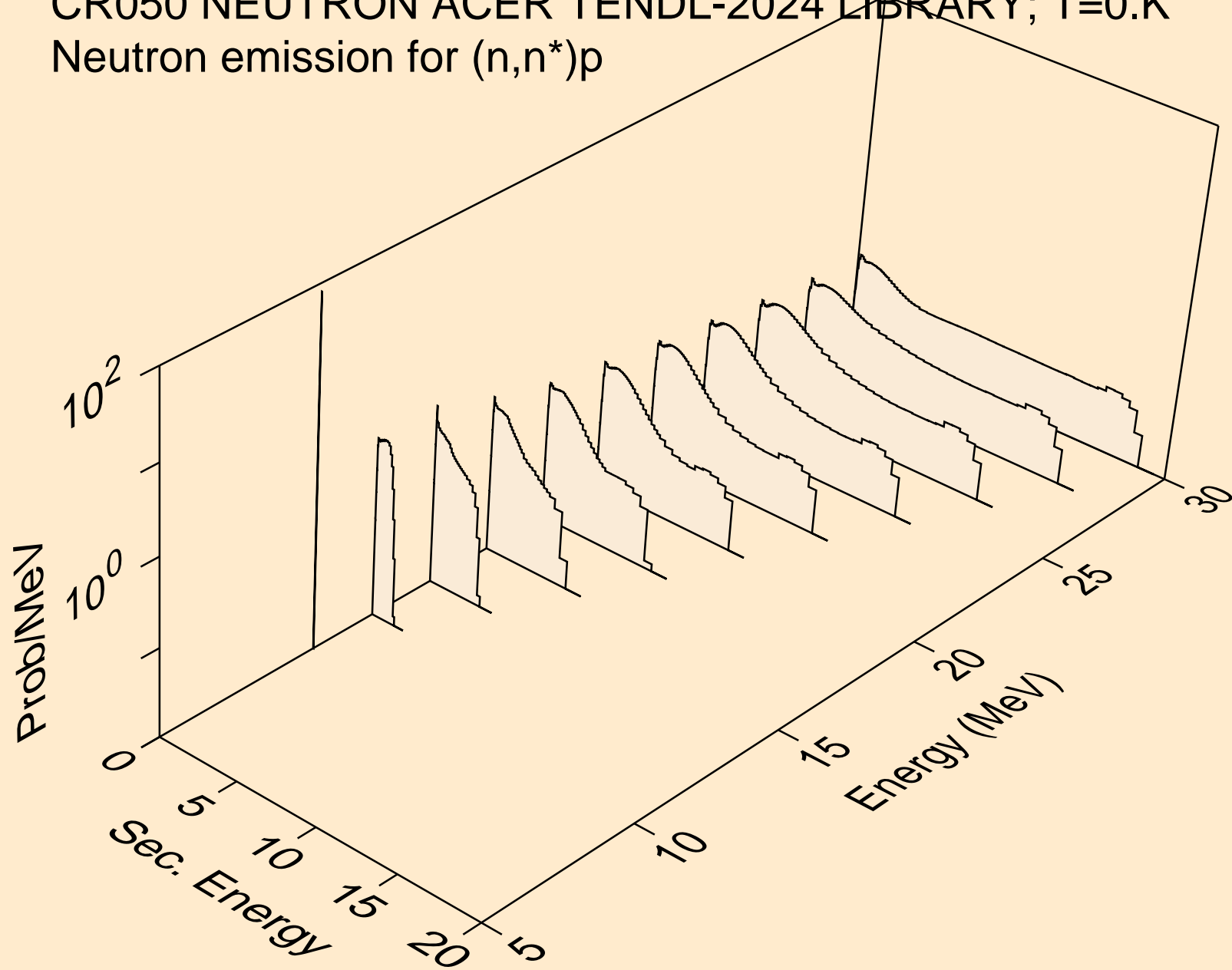




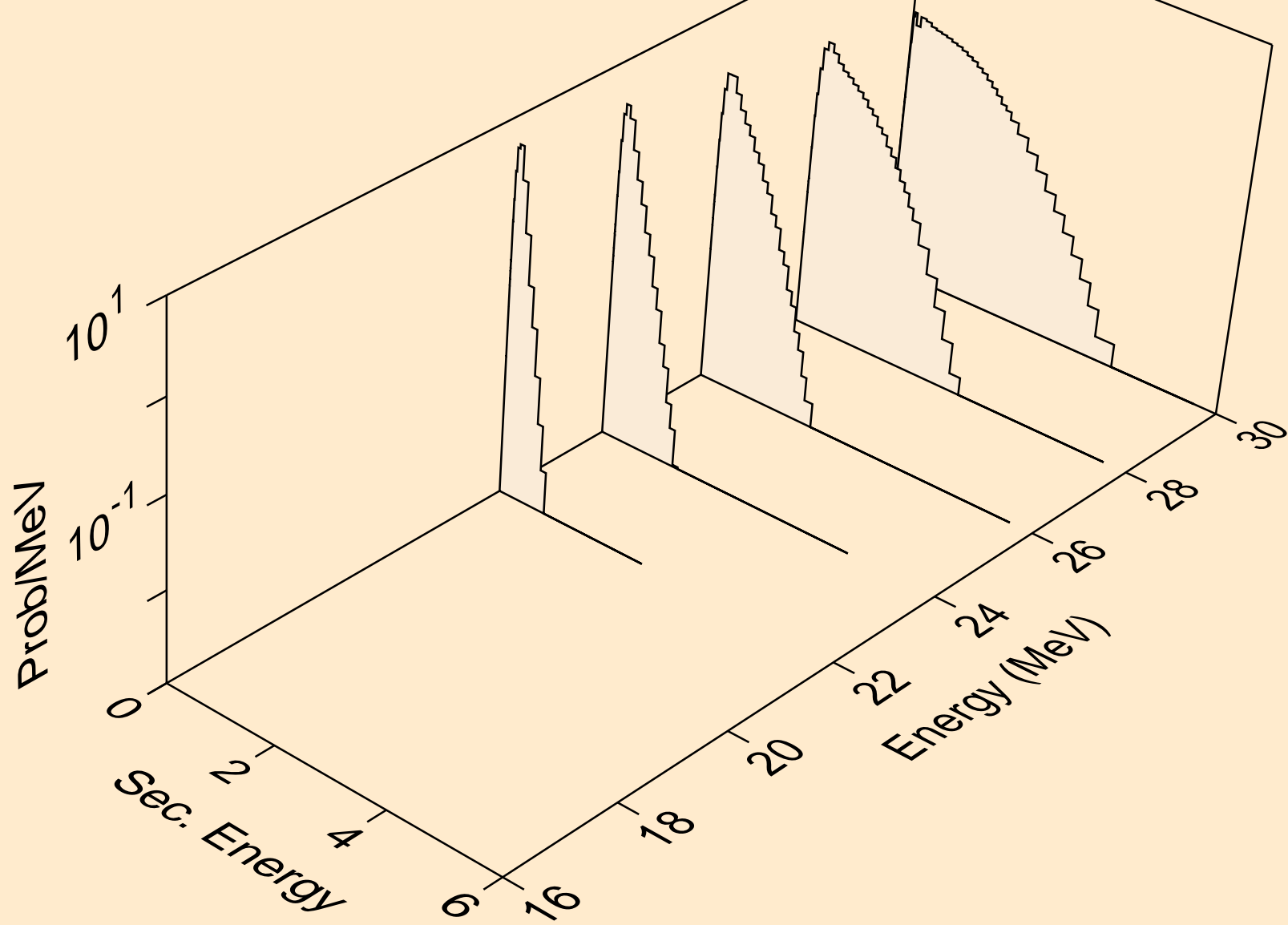
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



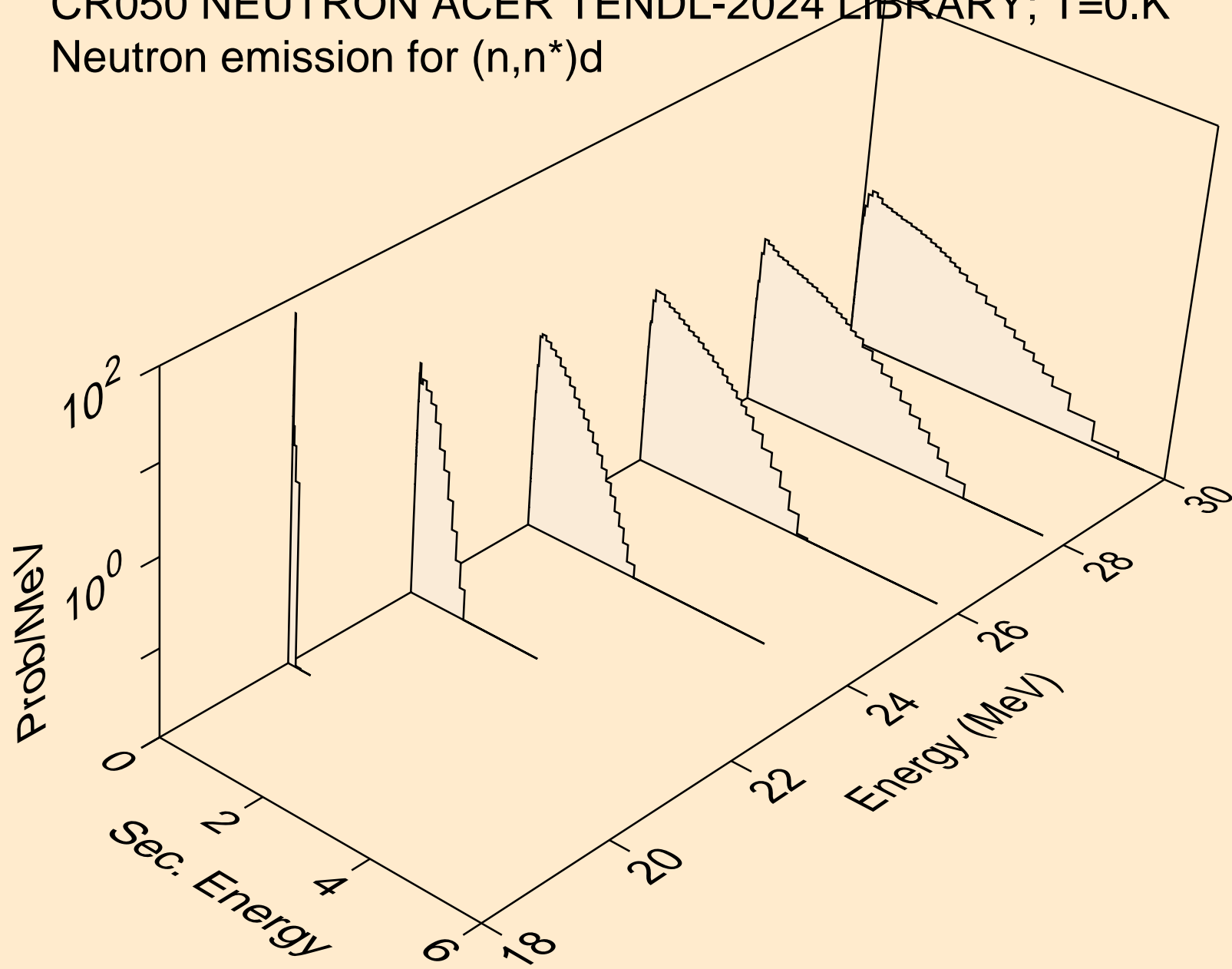
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



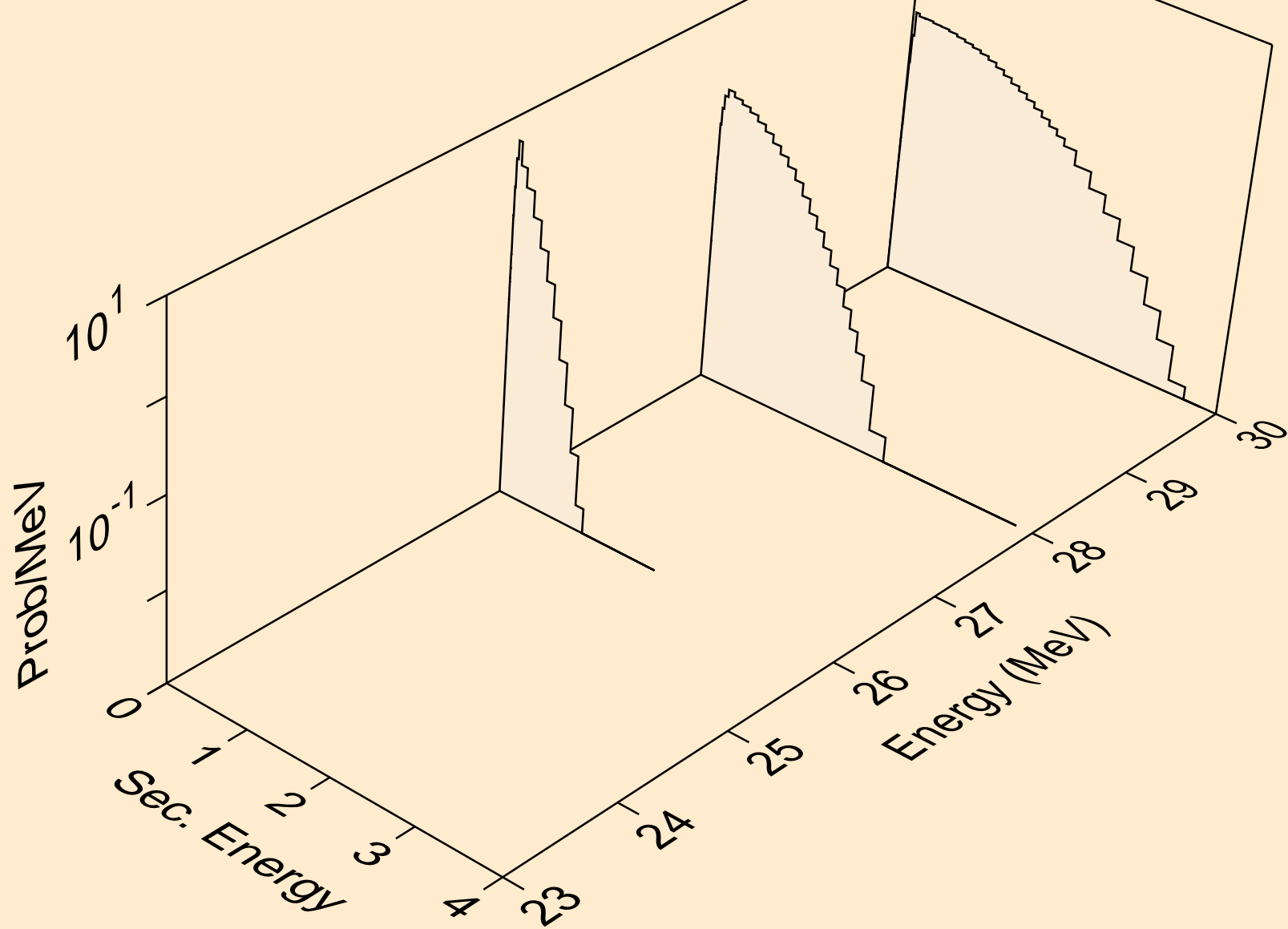
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



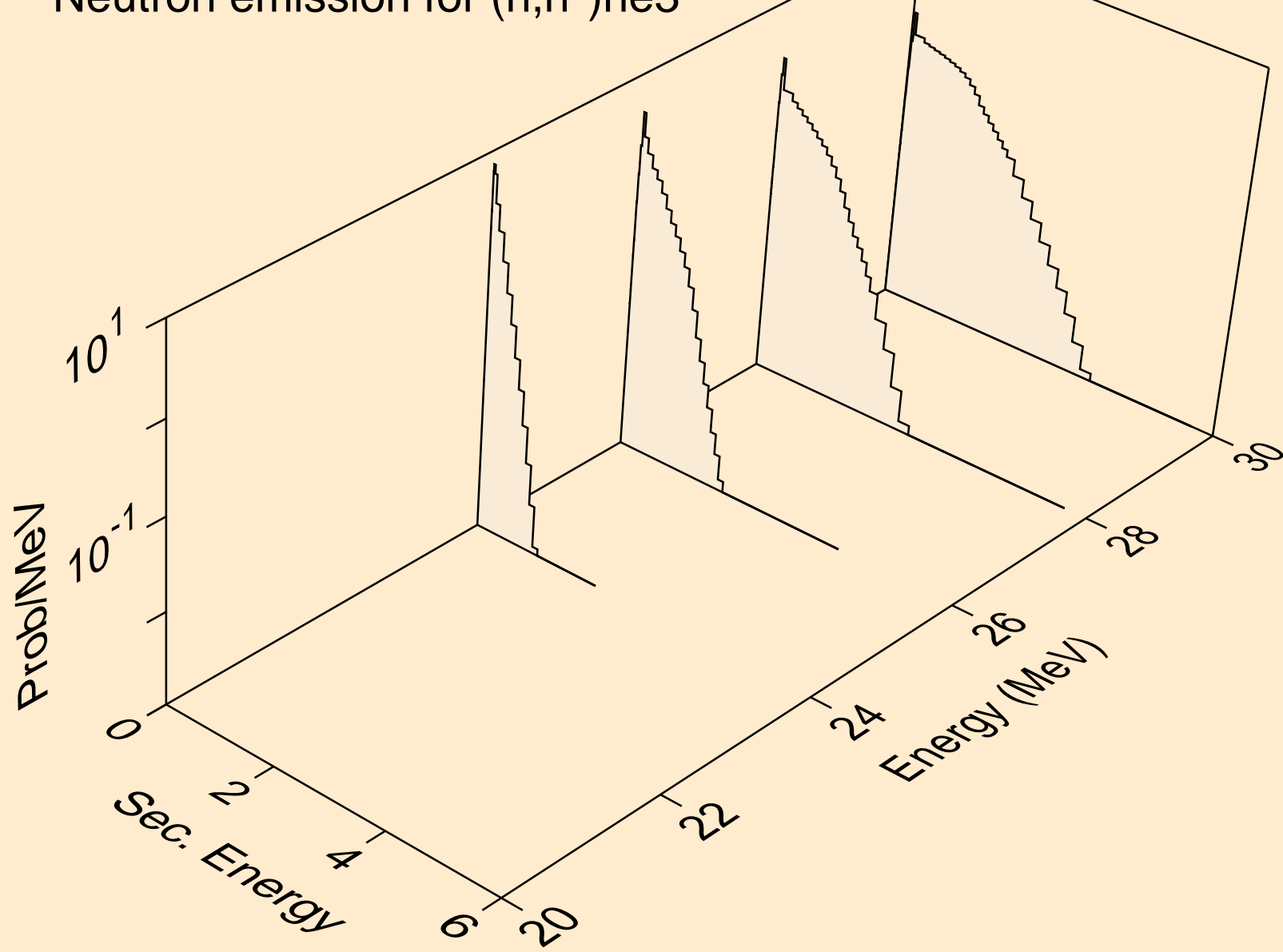
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



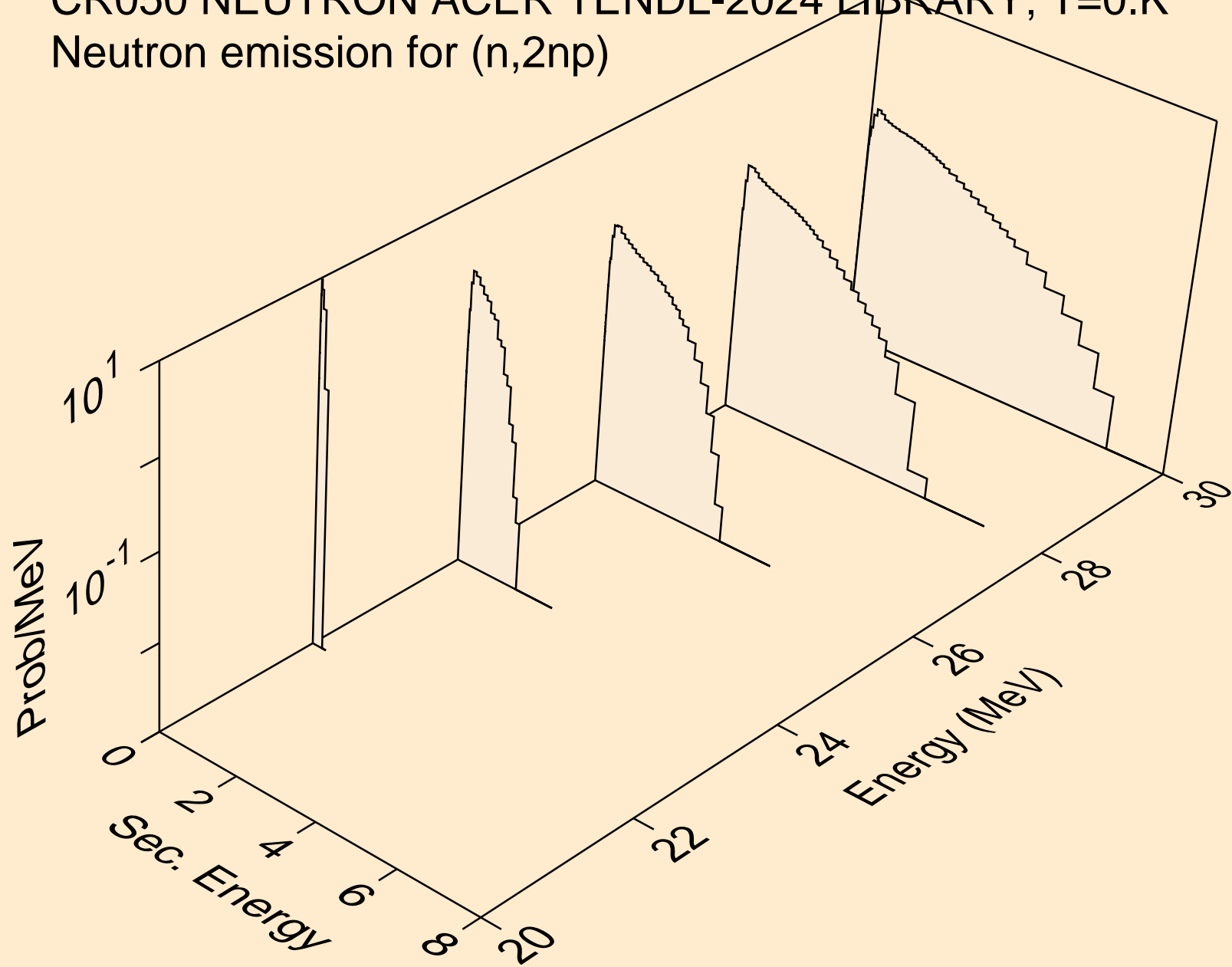
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



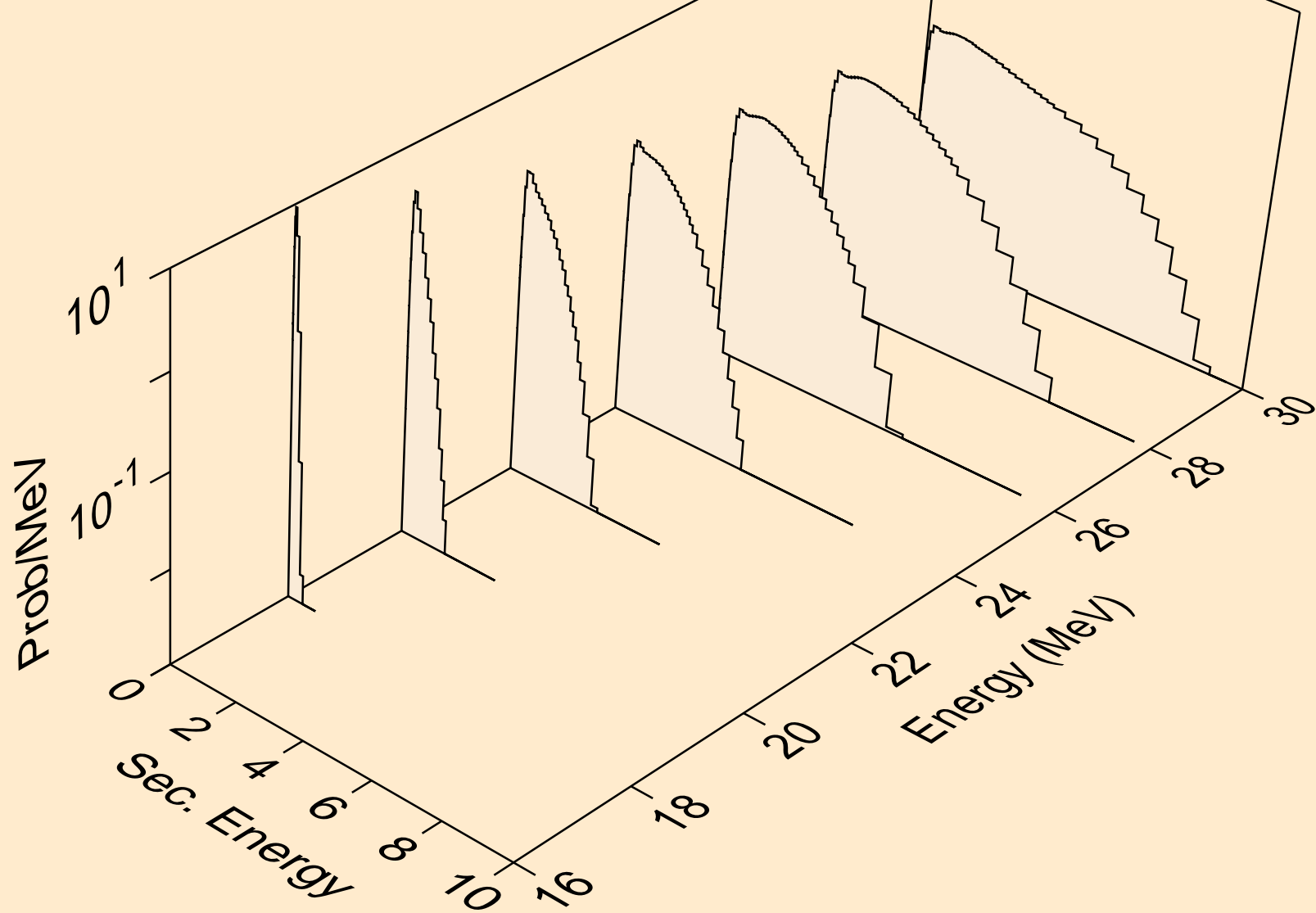
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

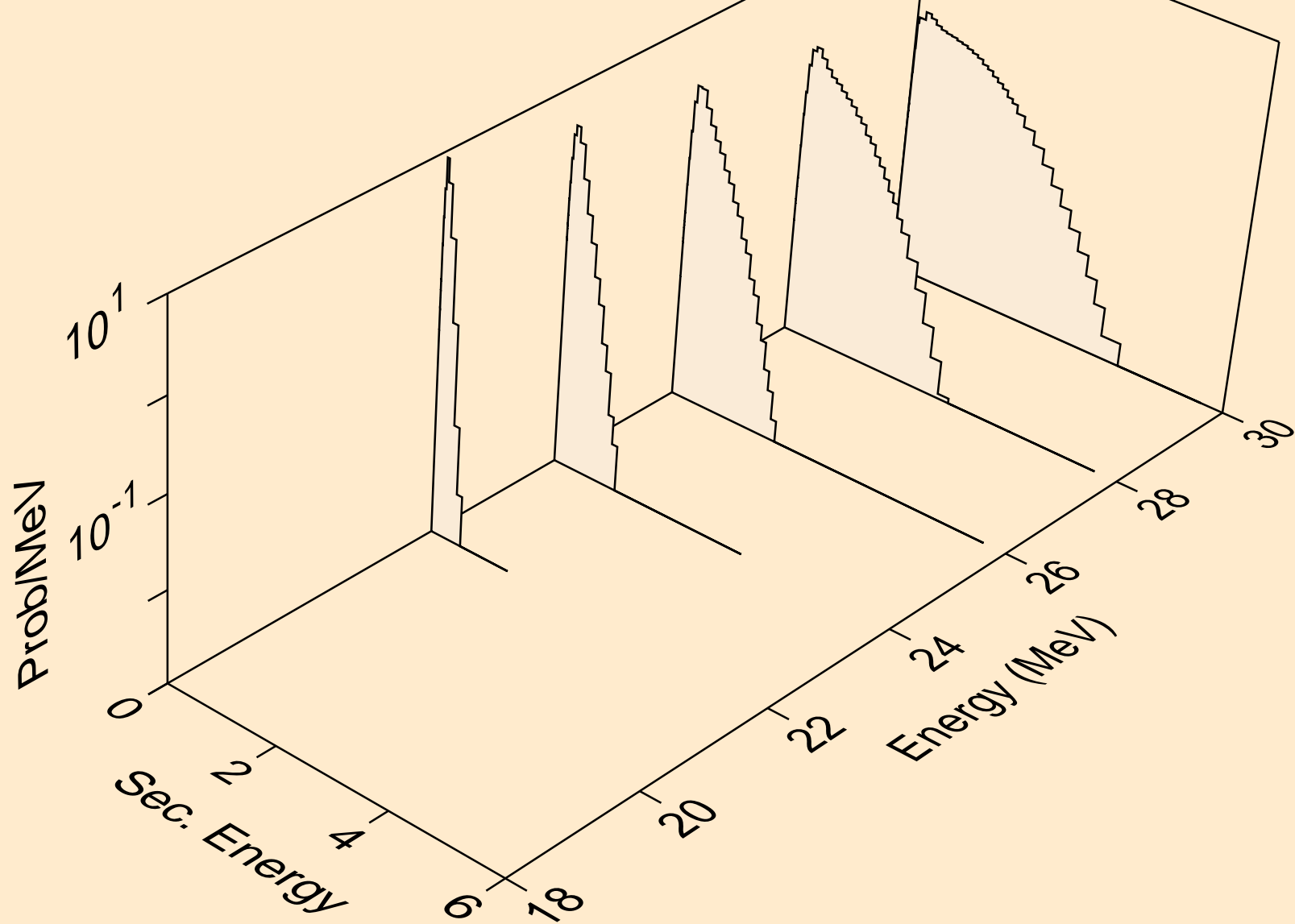


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

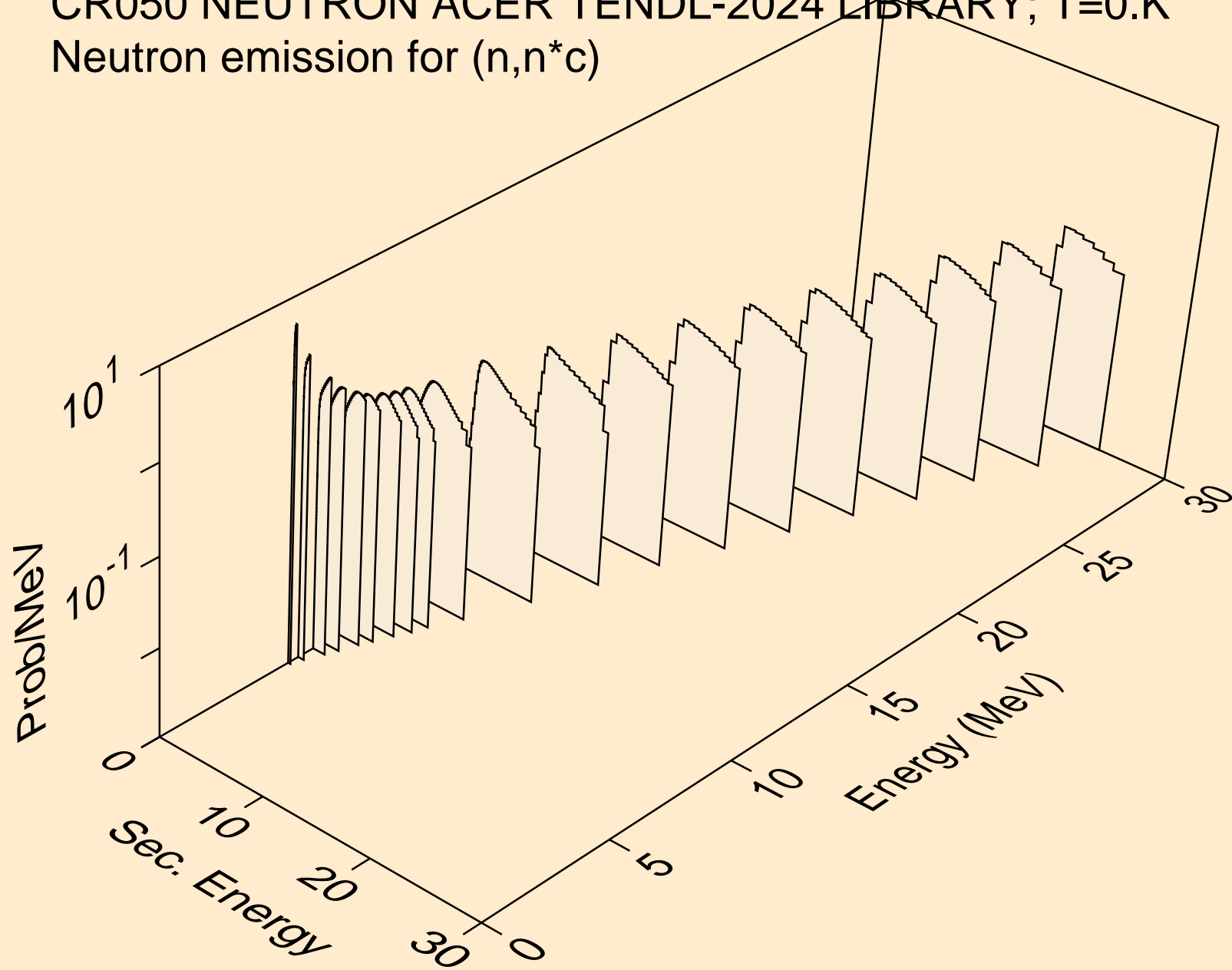




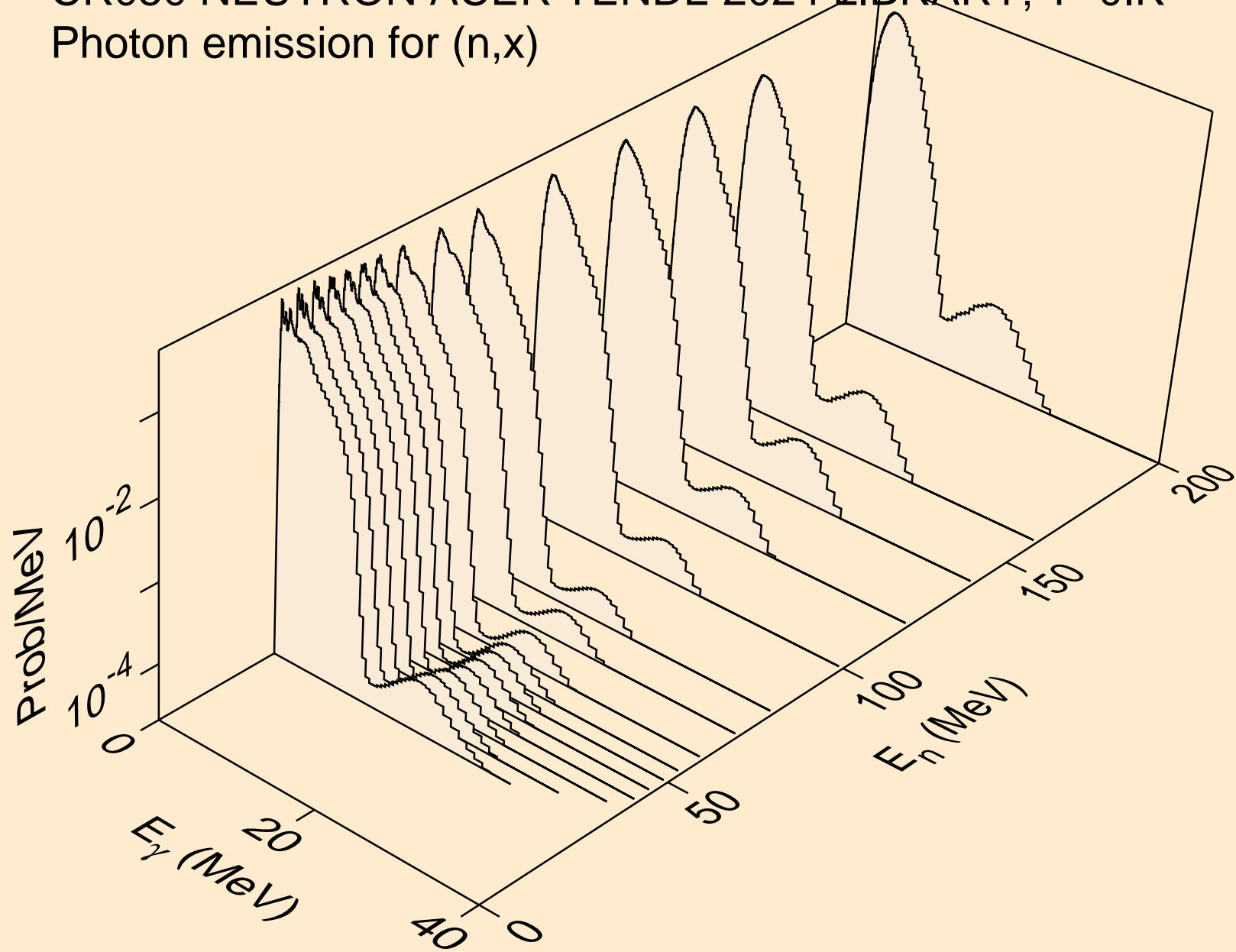
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



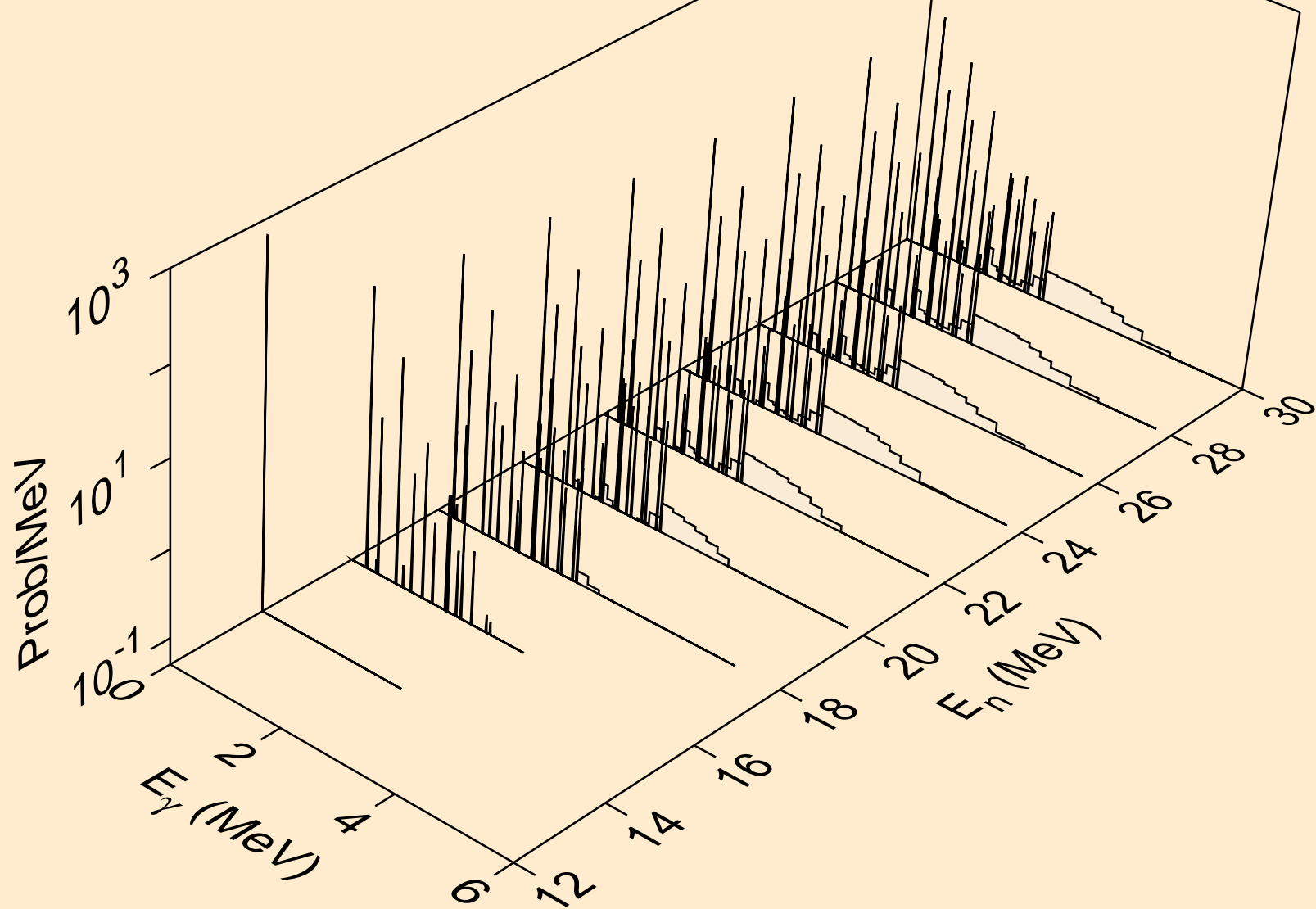
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Neutron emission for (n,n\*c)



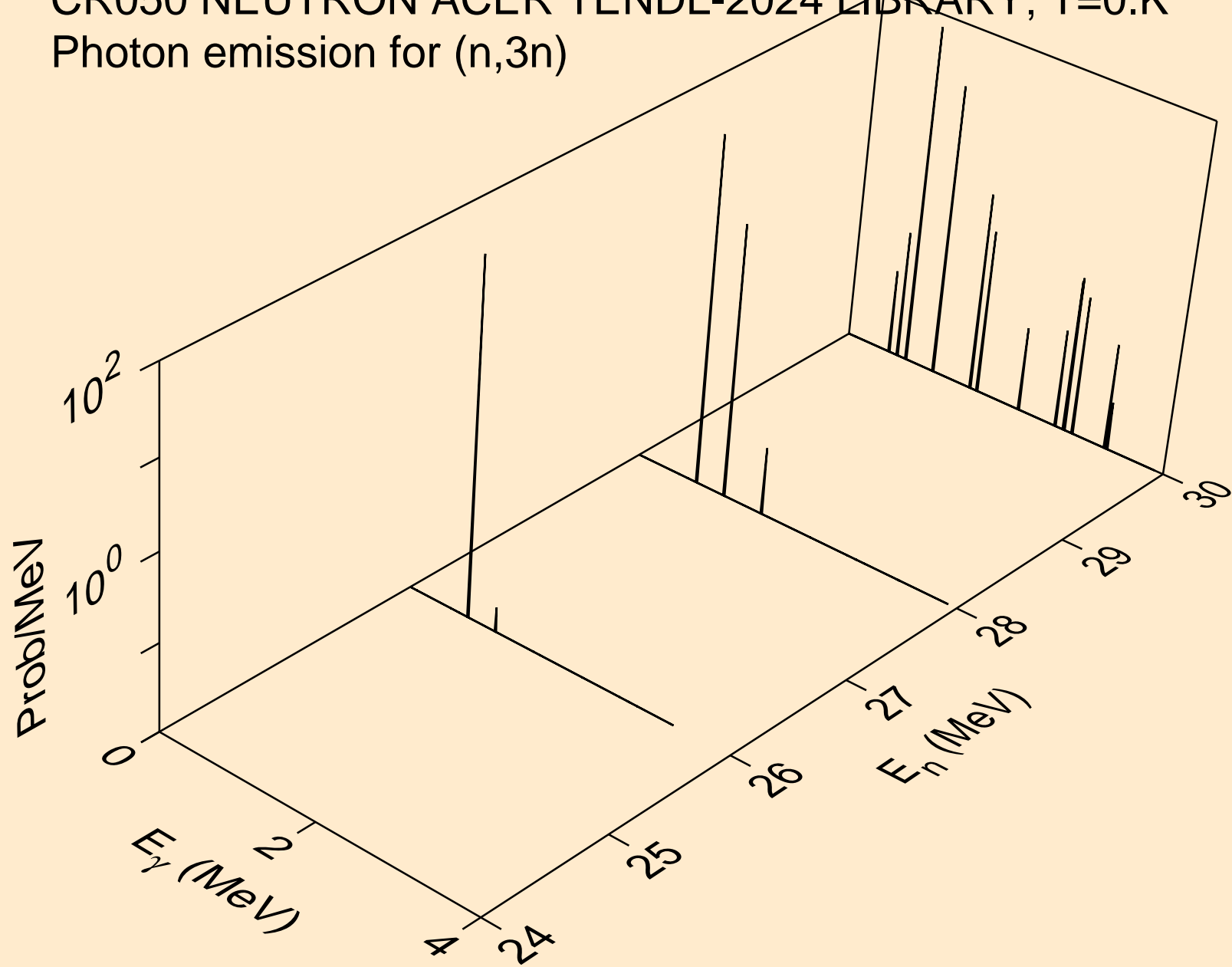
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



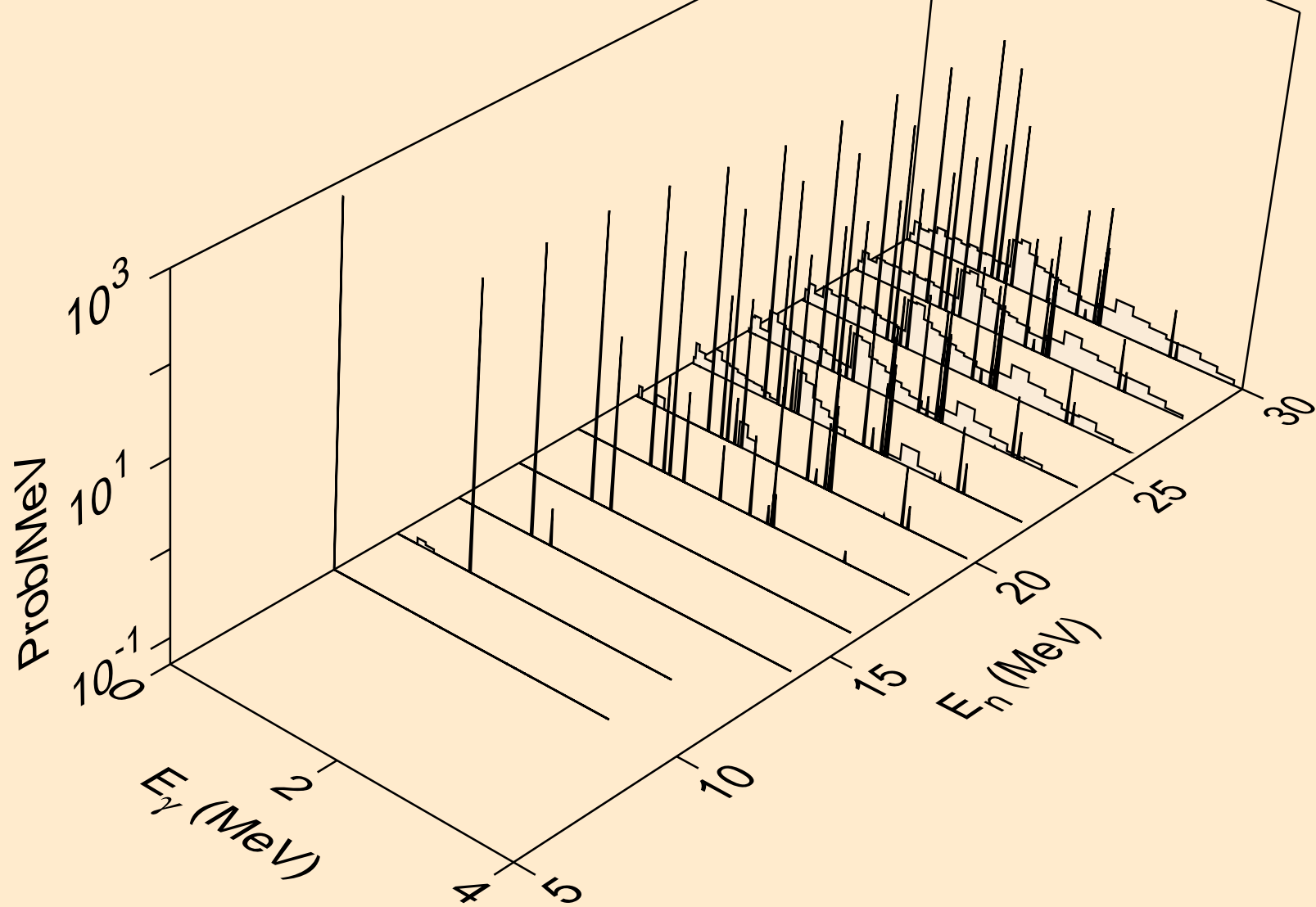
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



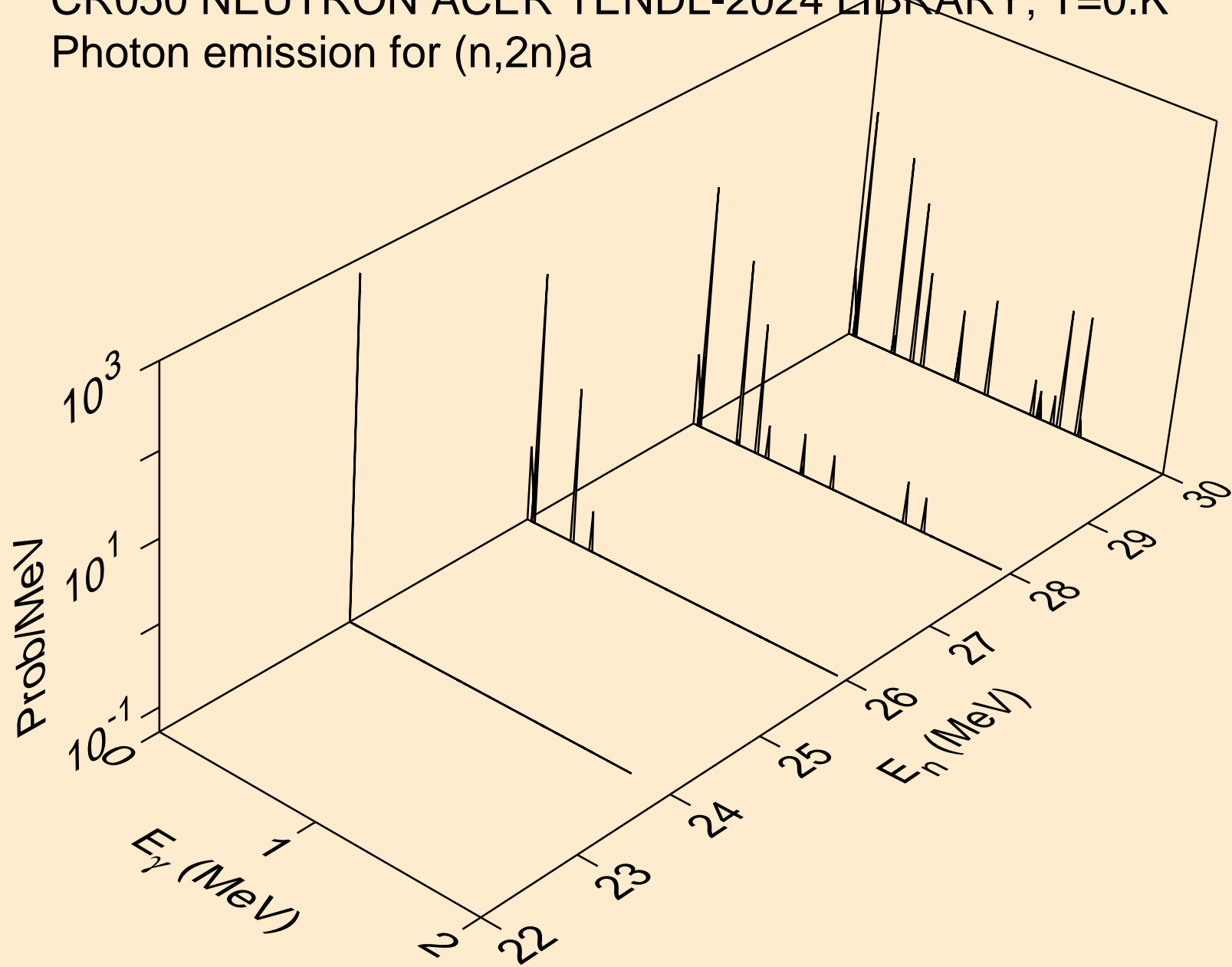
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Photon emission for (n,3n)



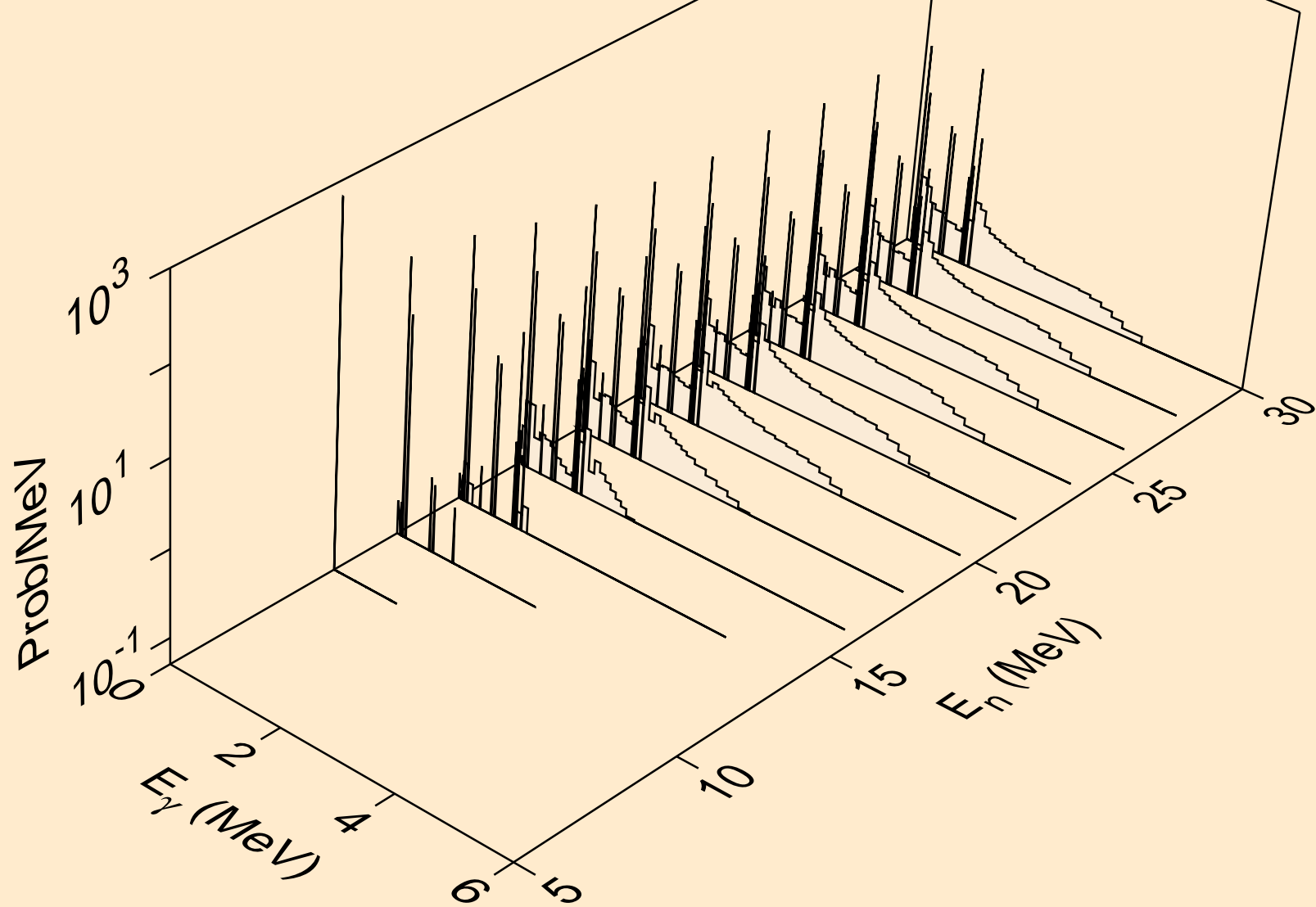
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

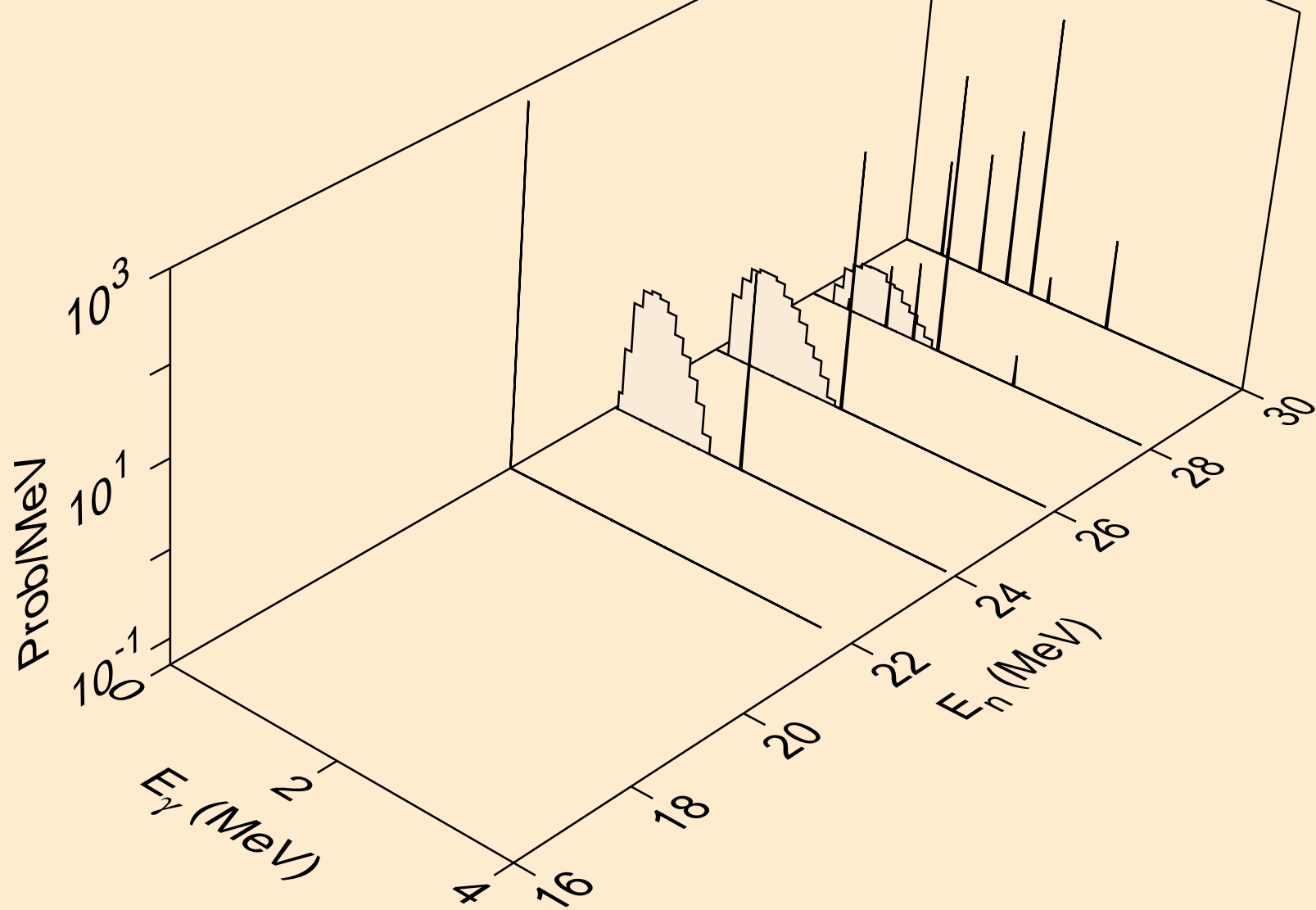


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

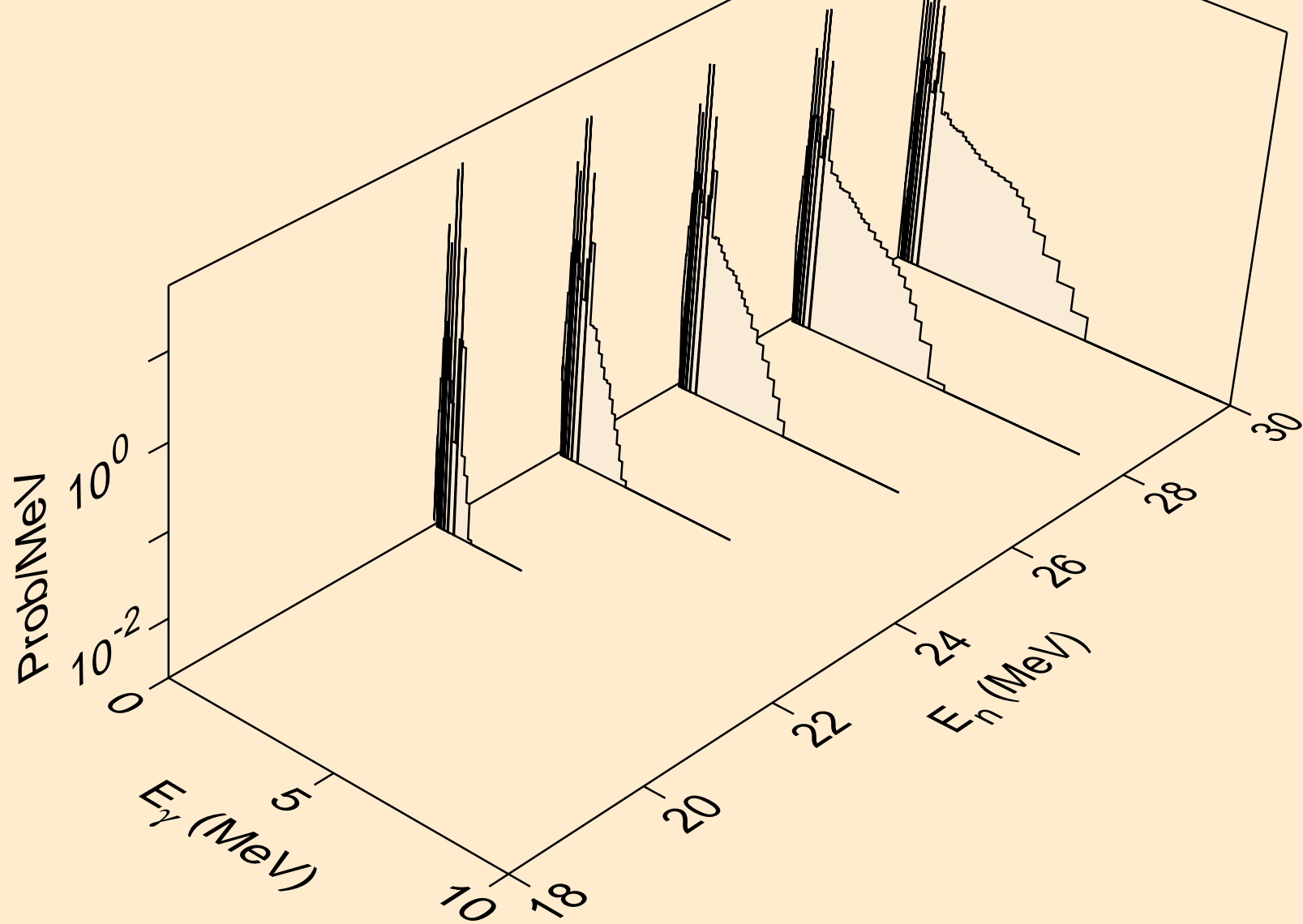




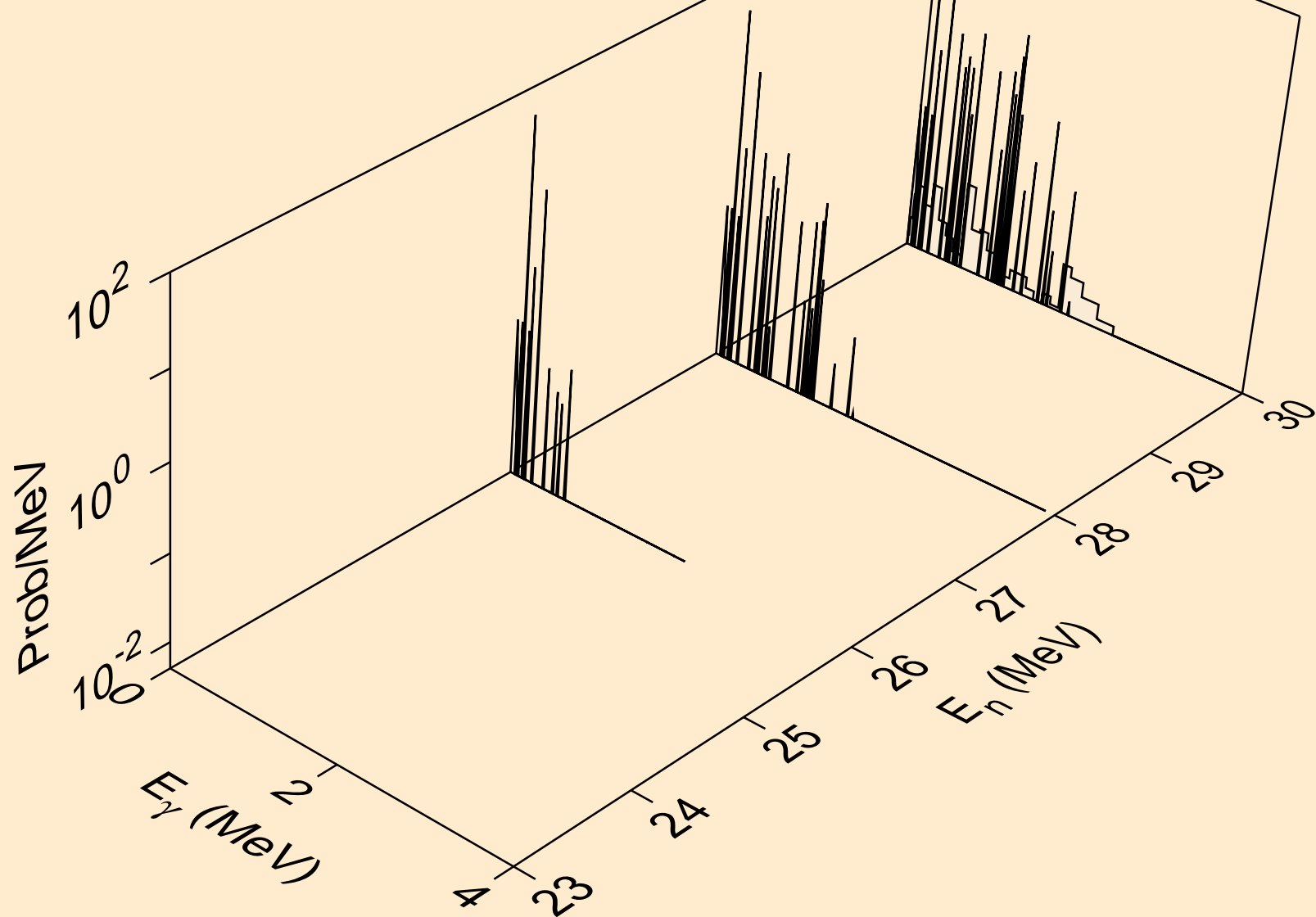
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



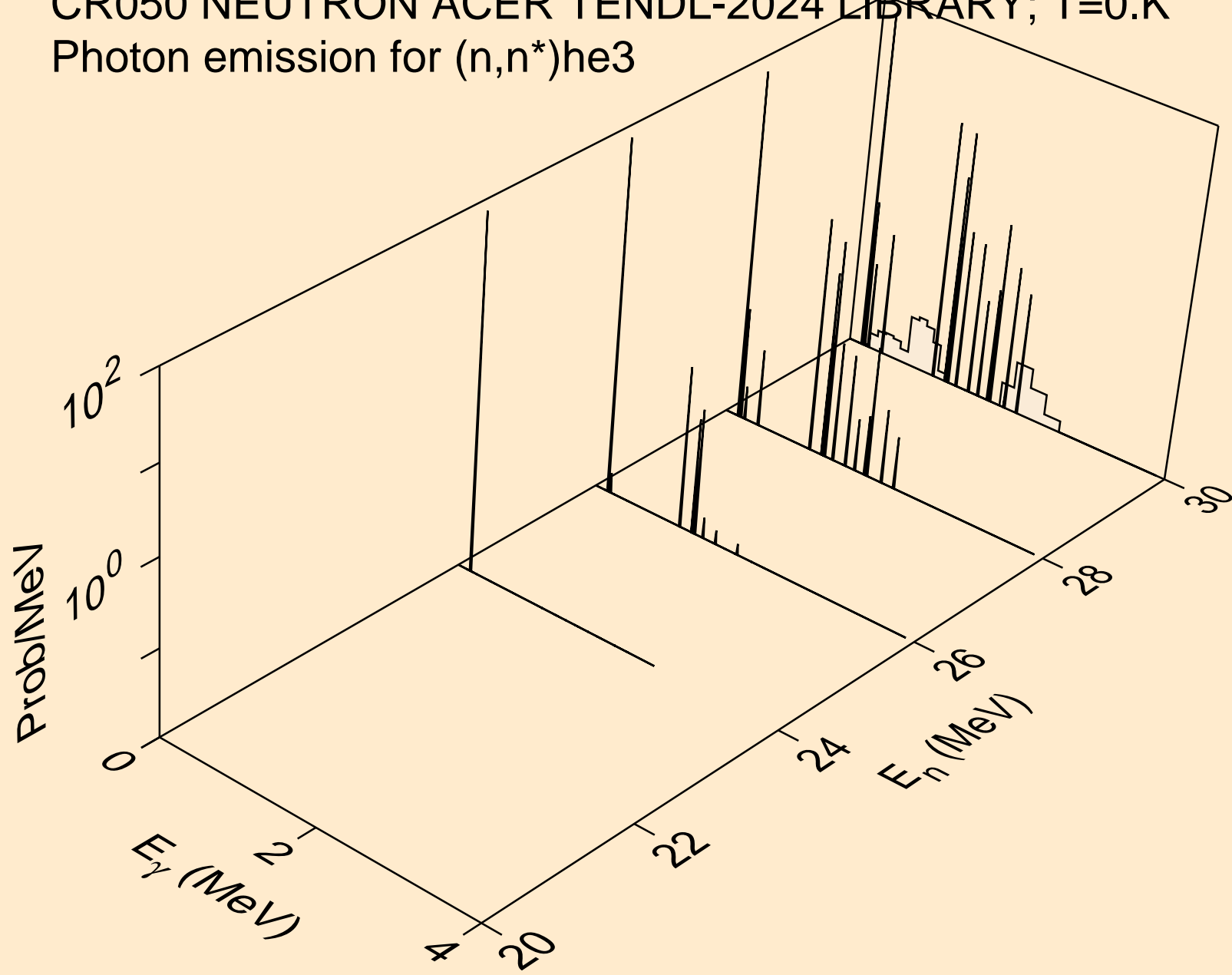
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Photon emission for (n,n\*)d



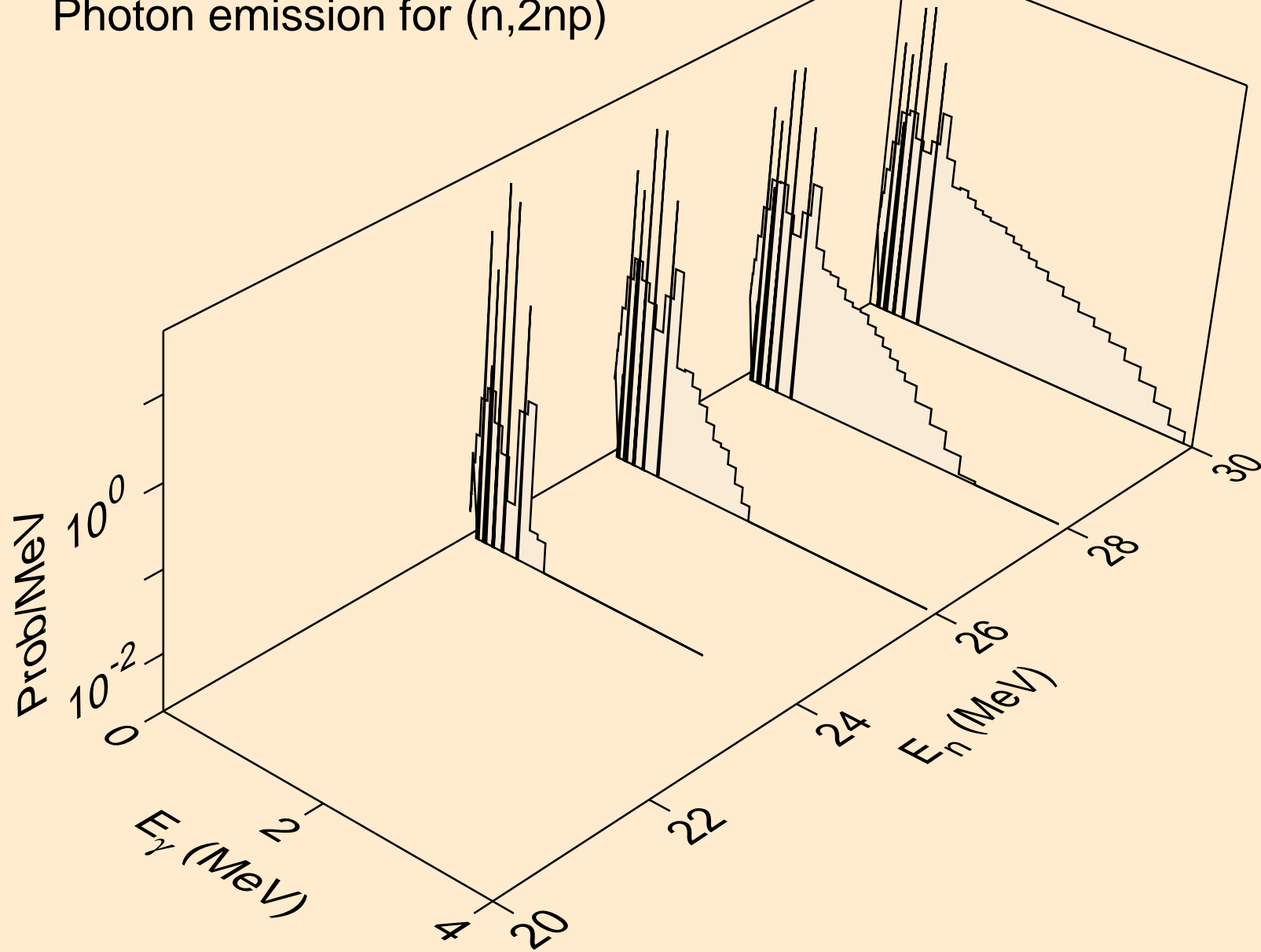
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Photon emission for (n,n\*)t



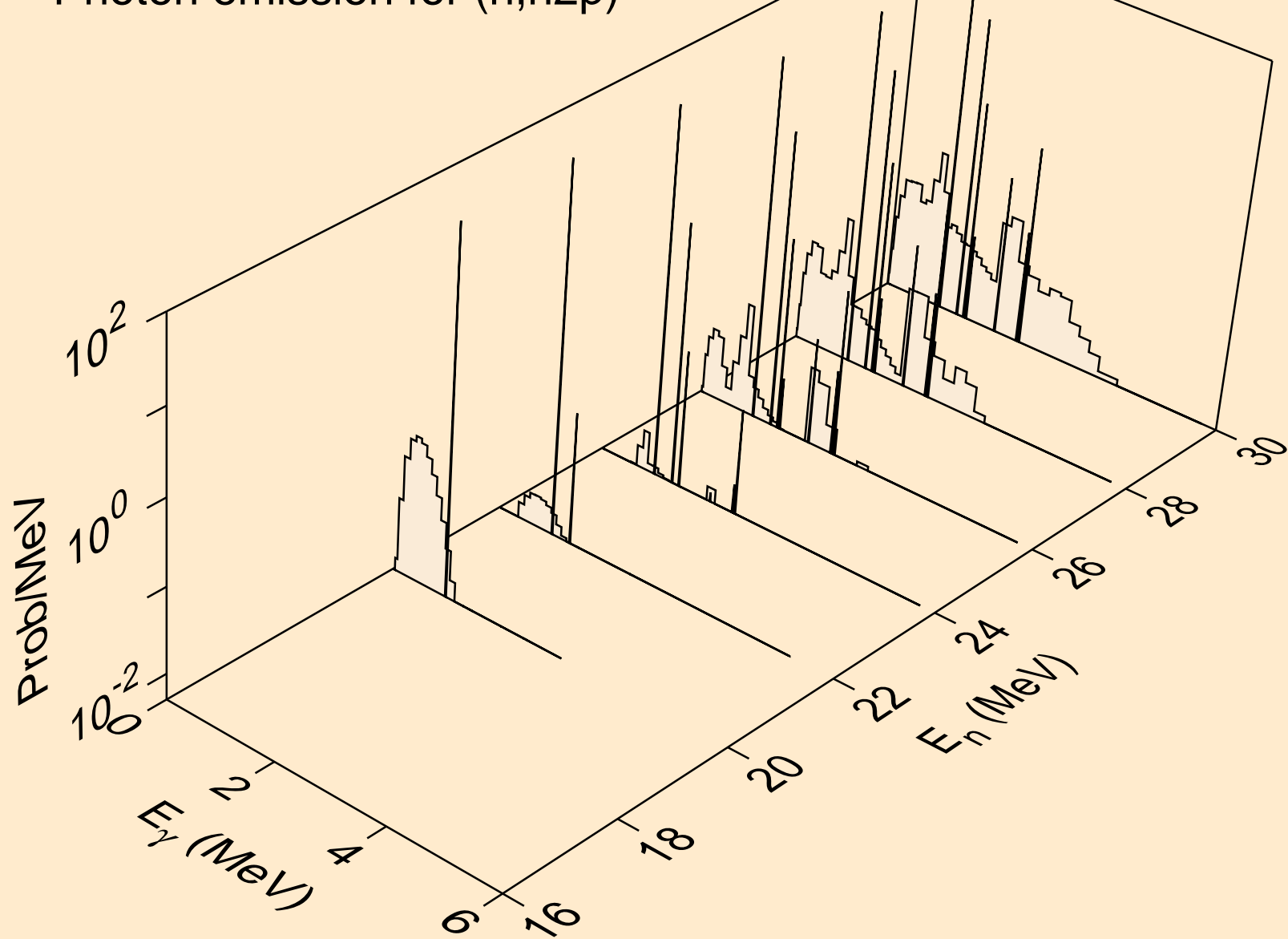
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



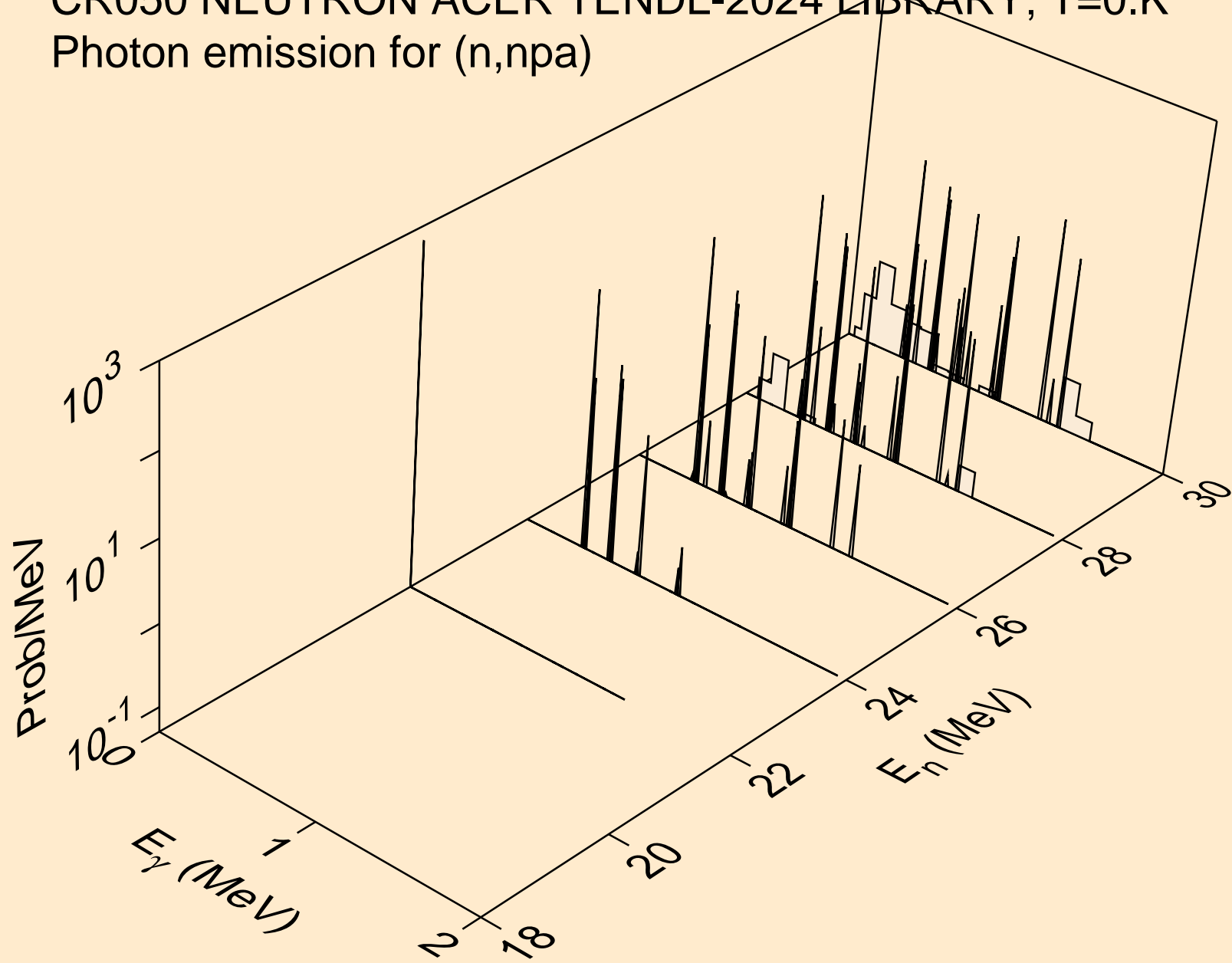
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



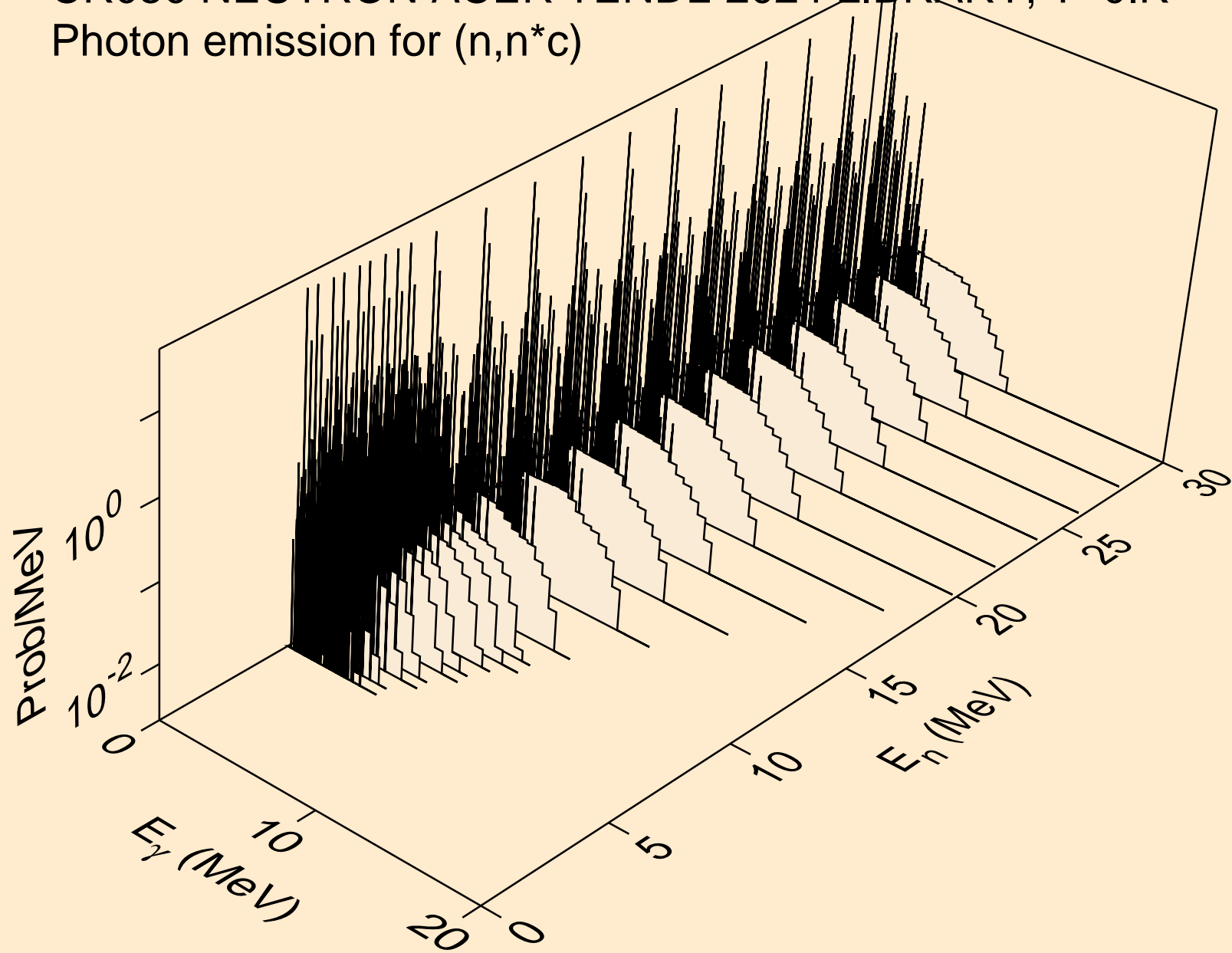
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

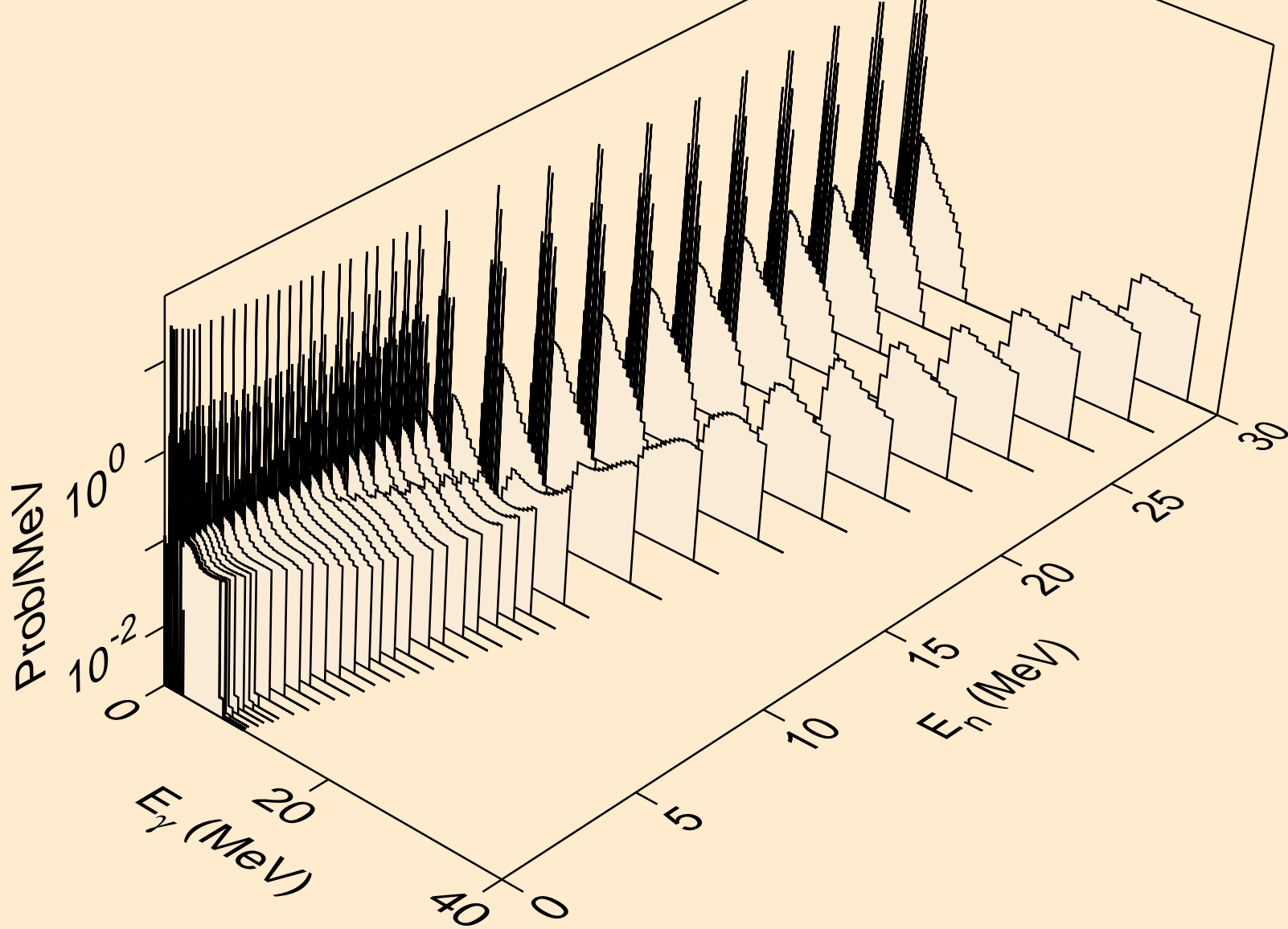


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

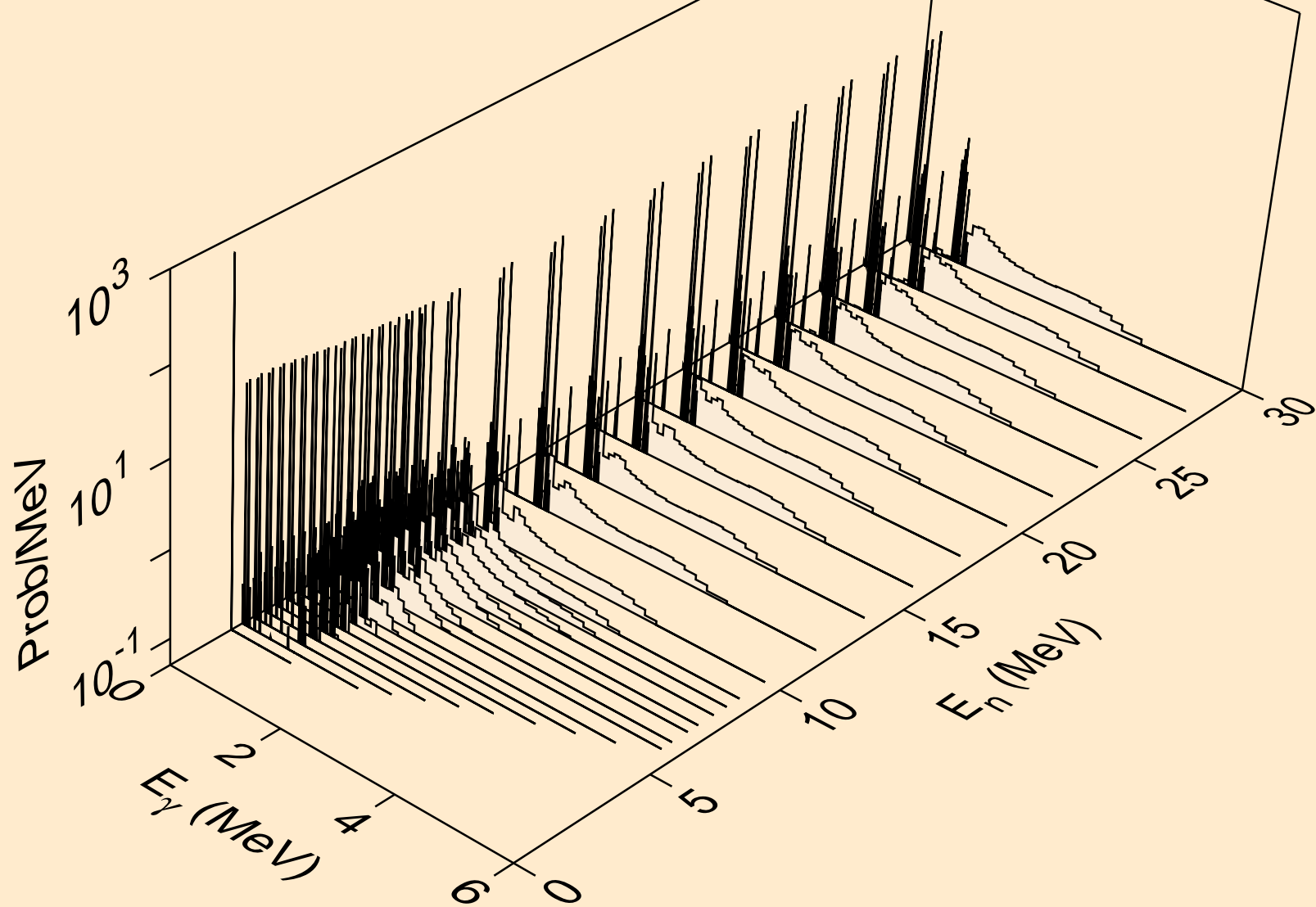




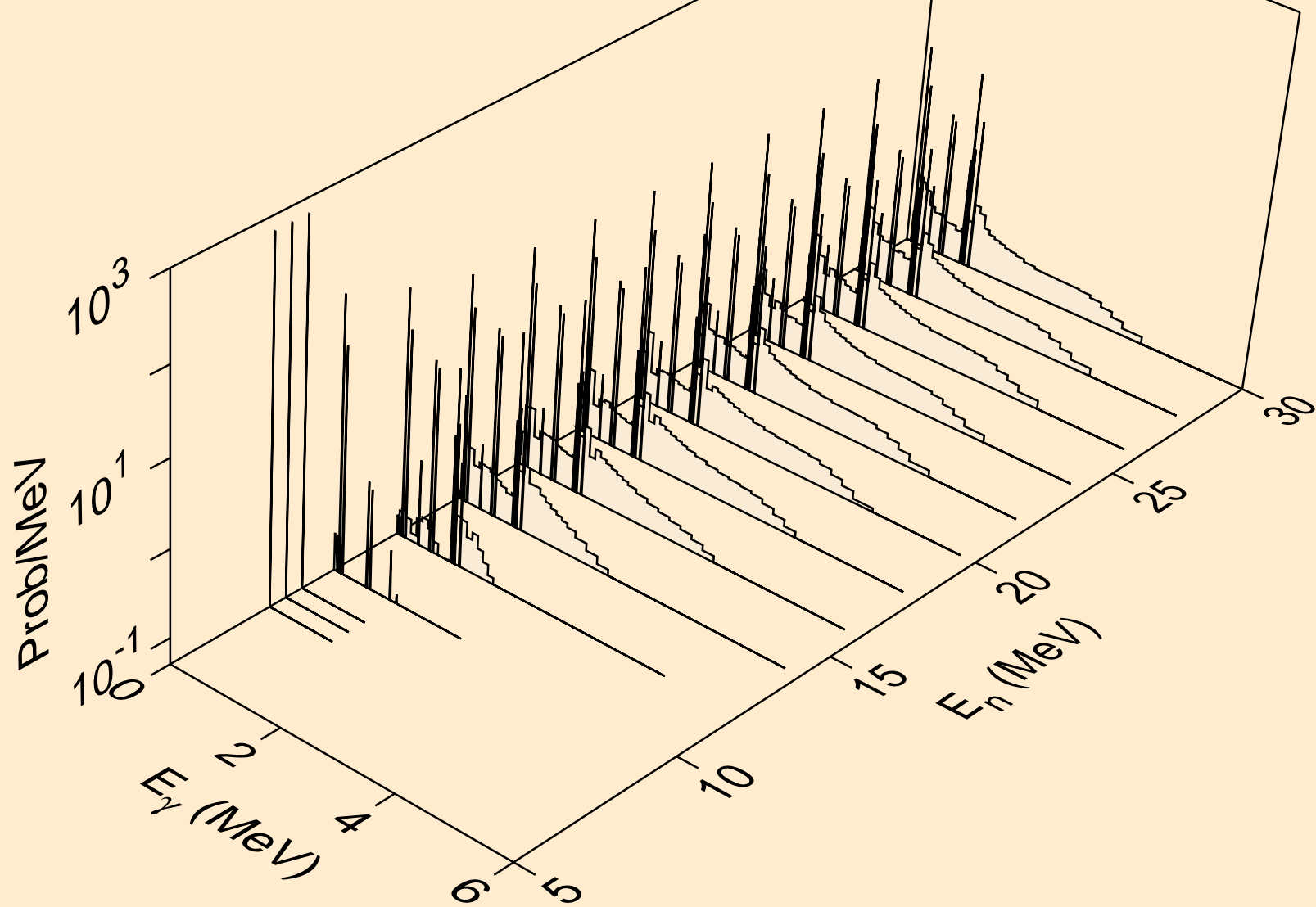
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Photon emission for (n,gma)



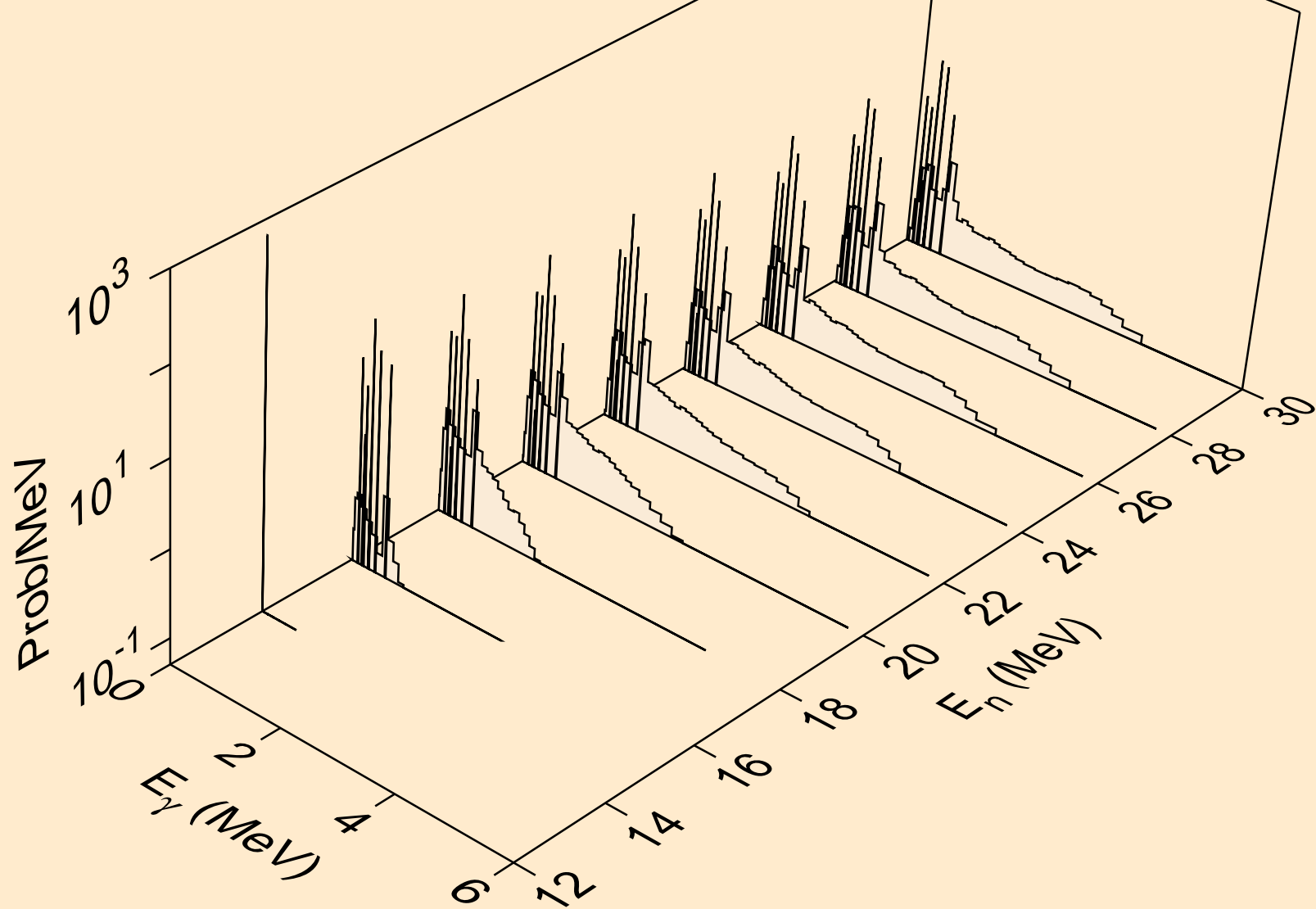
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Photon emission for (n,p)



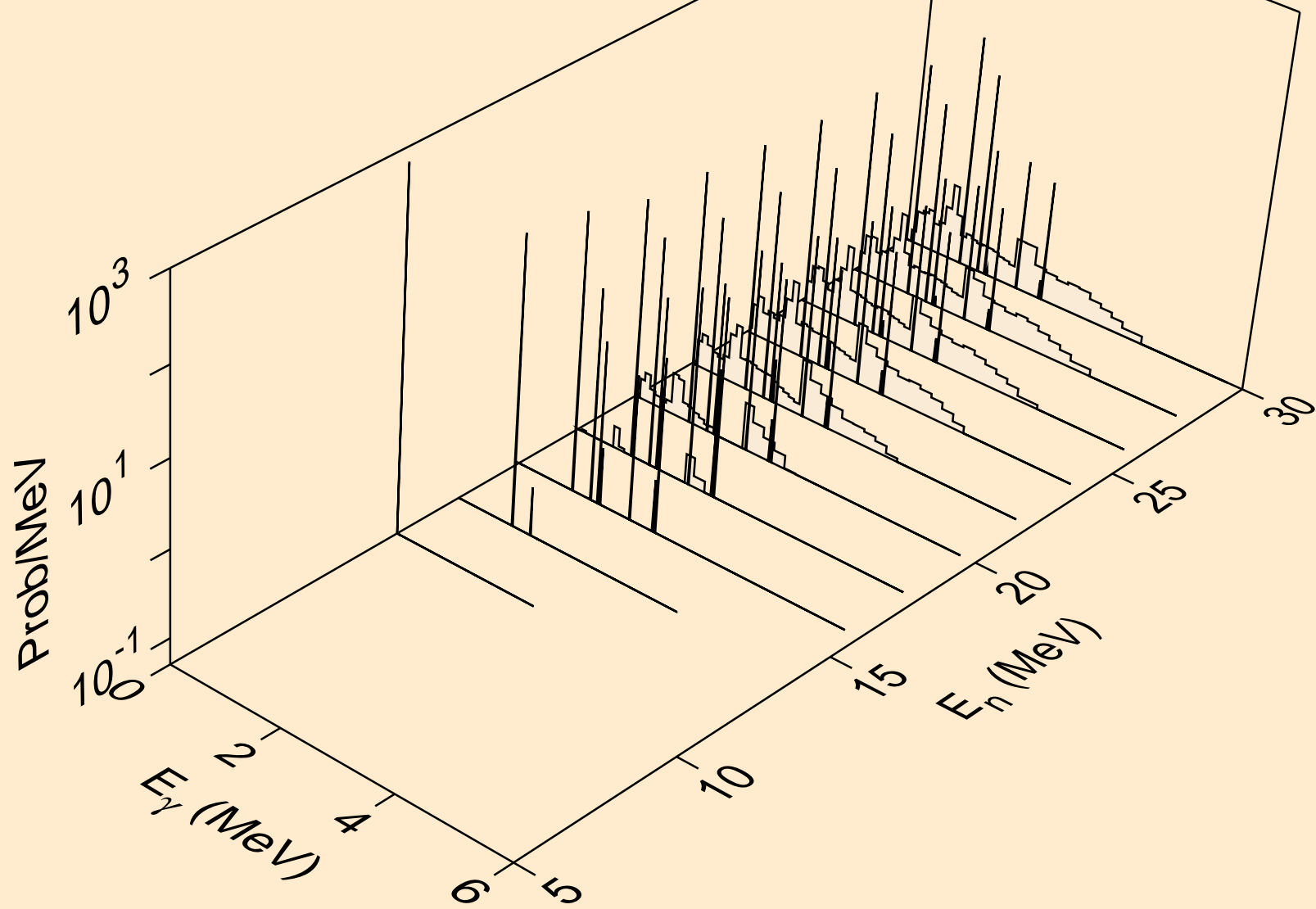
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Photon emission for (n,d)



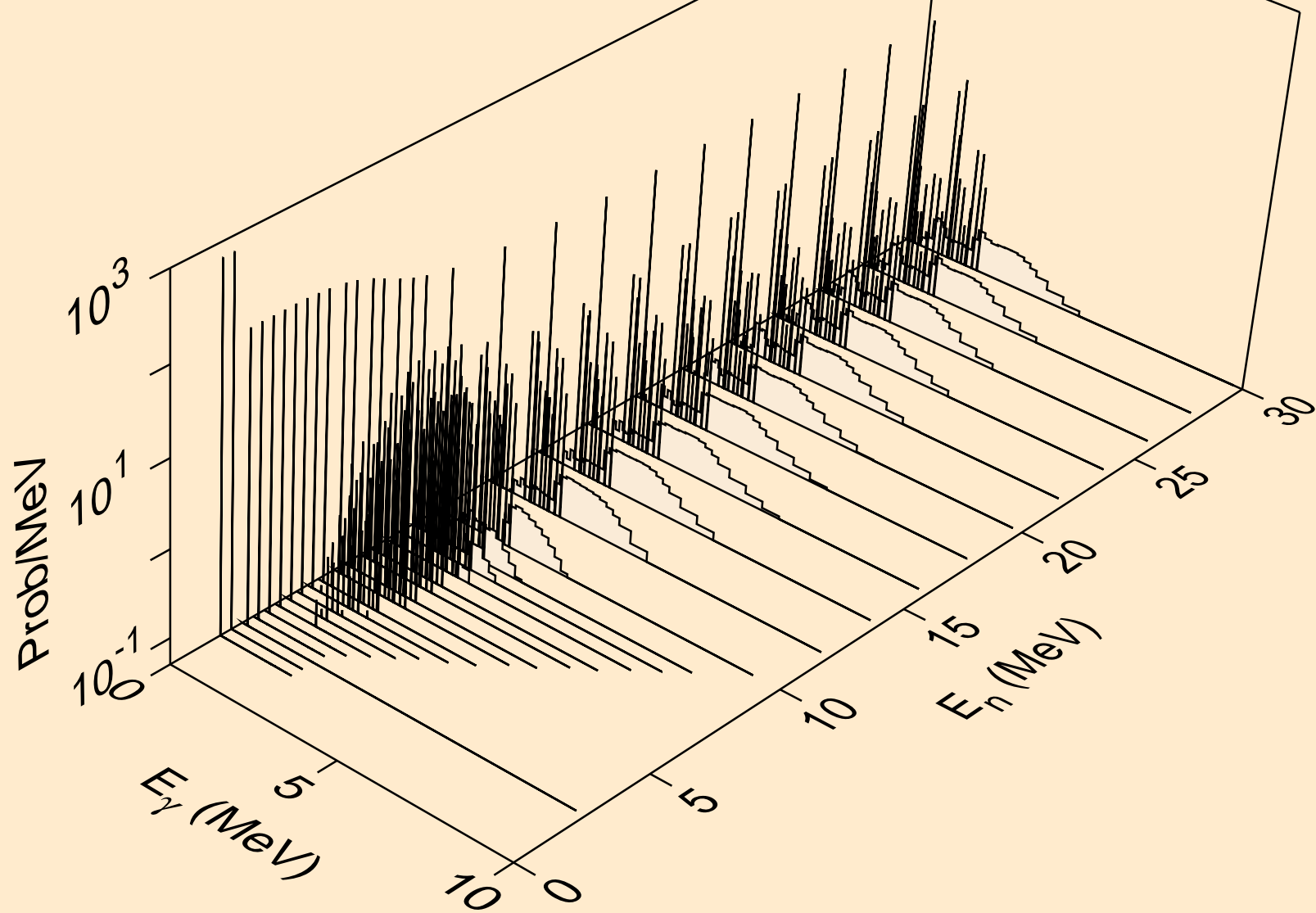
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



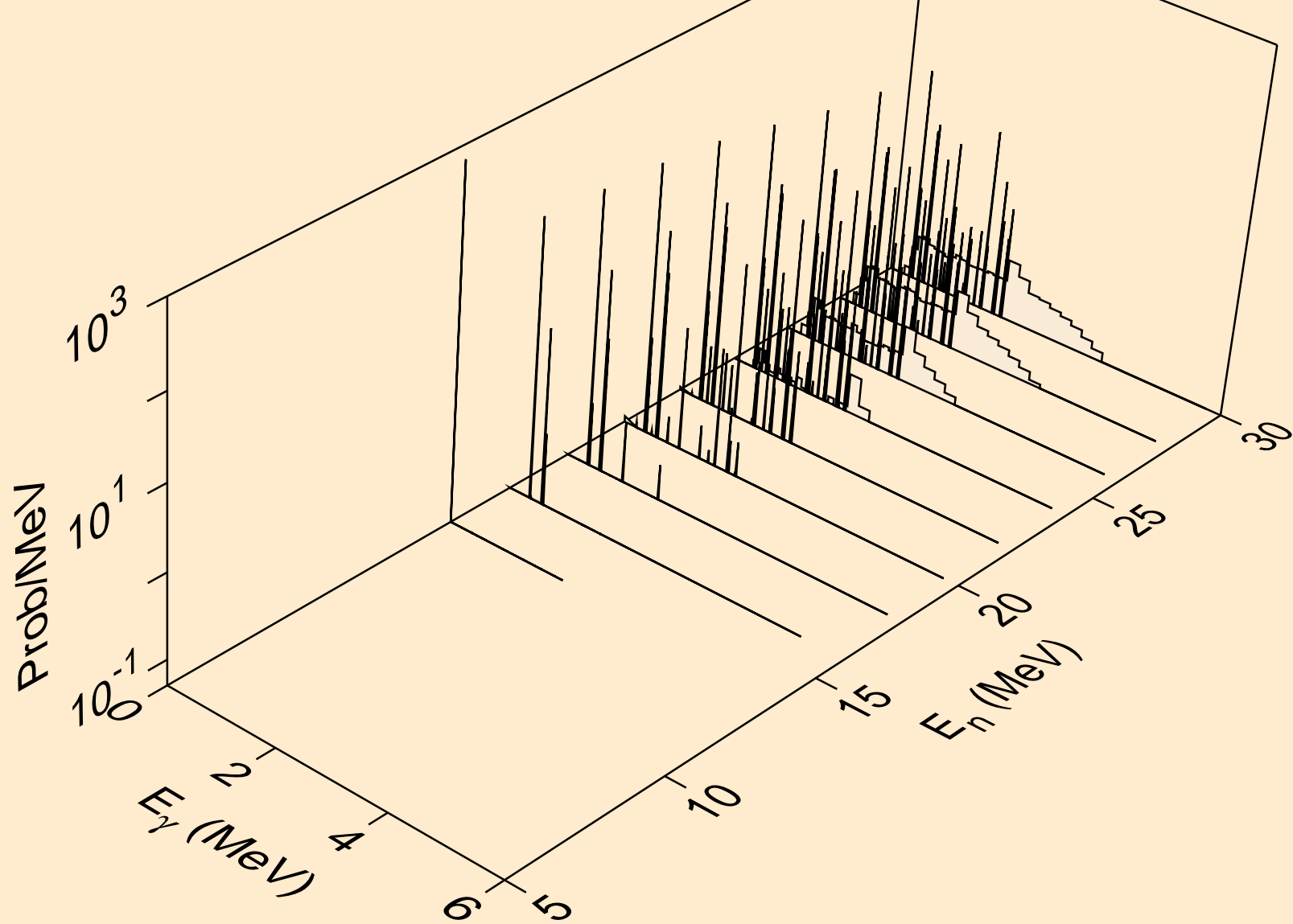
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Photon emission for (n,he3)



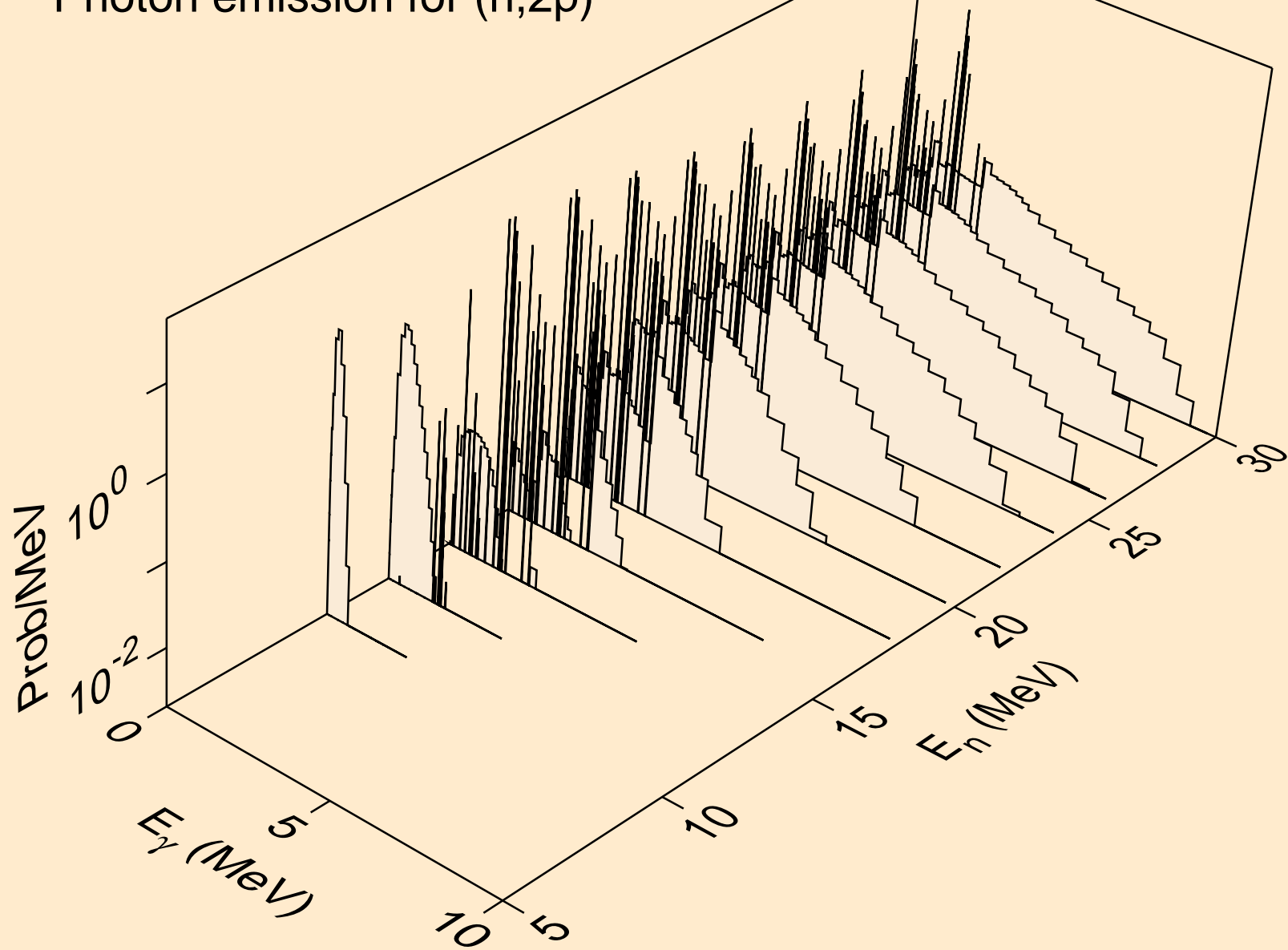
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

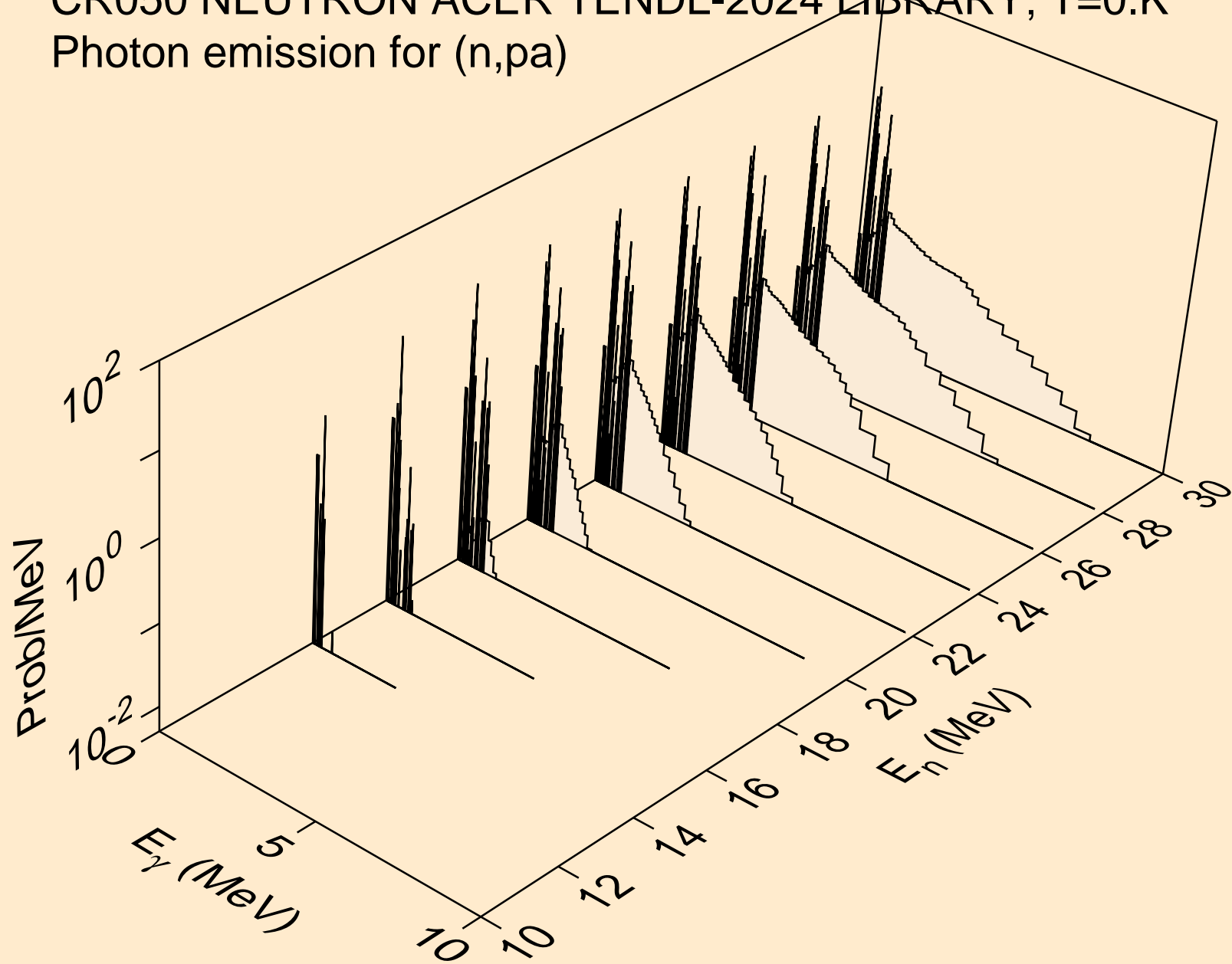


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Photon emission for (n,2p)

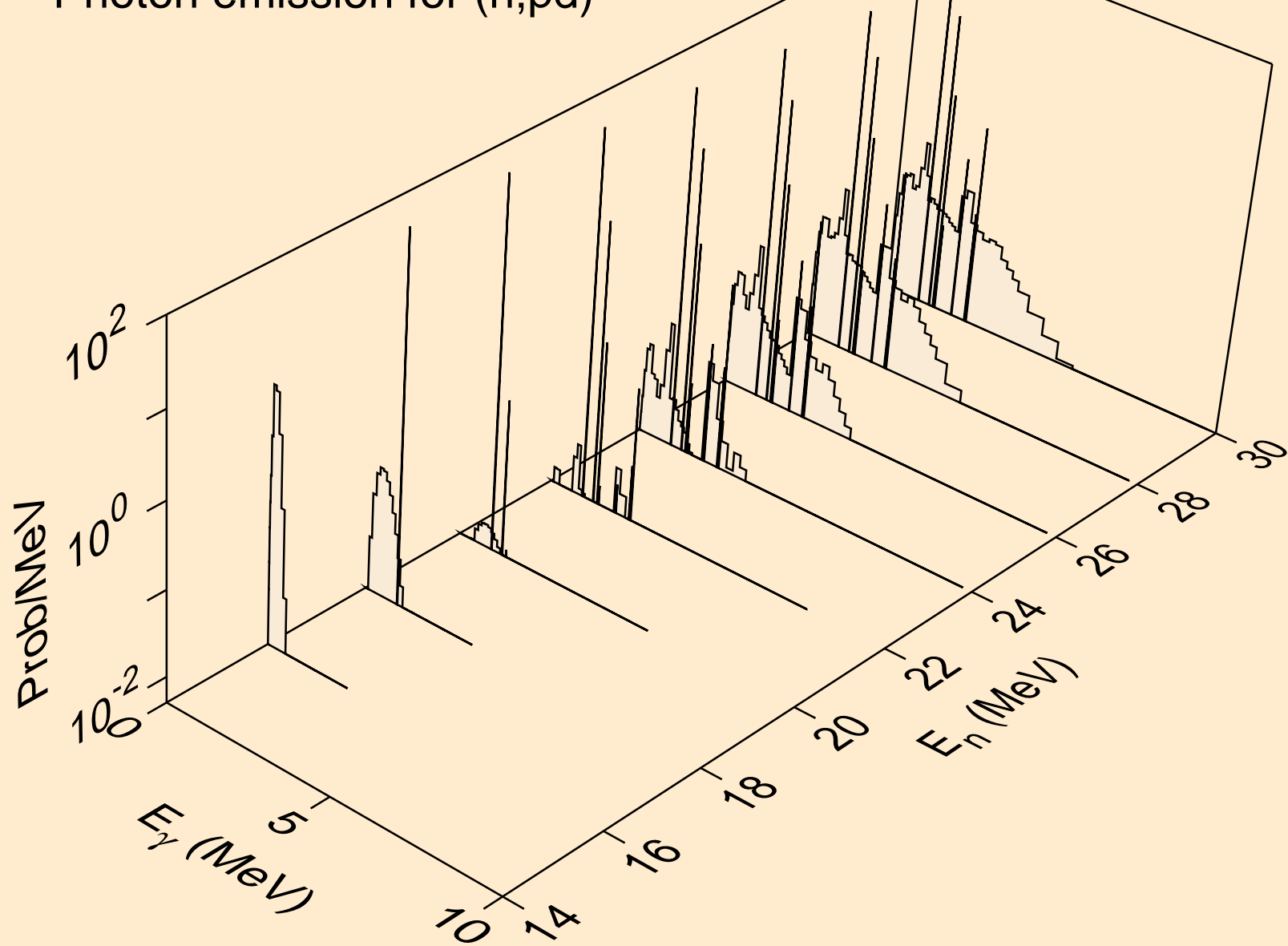




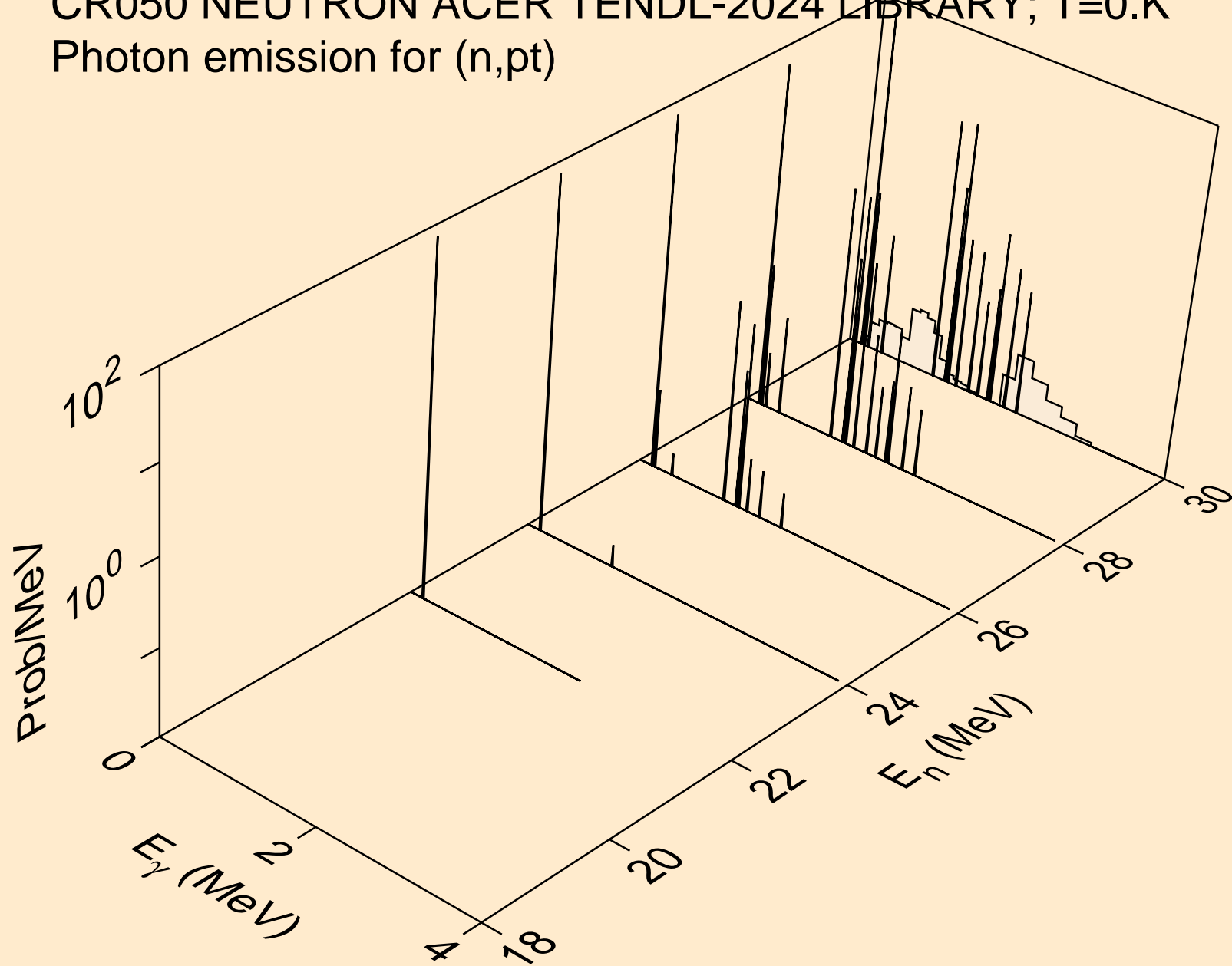
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Photon emission for (n,p)



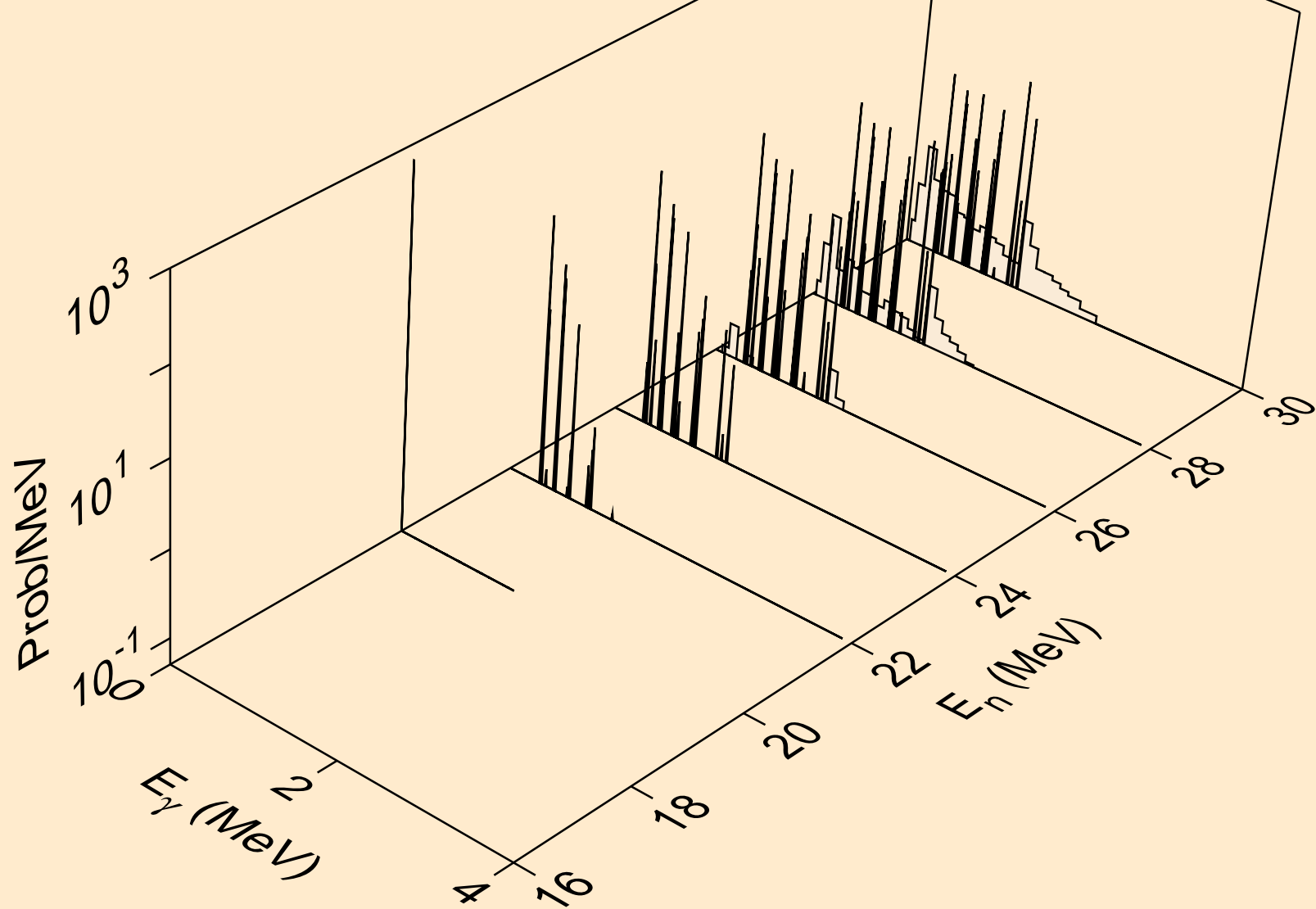
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



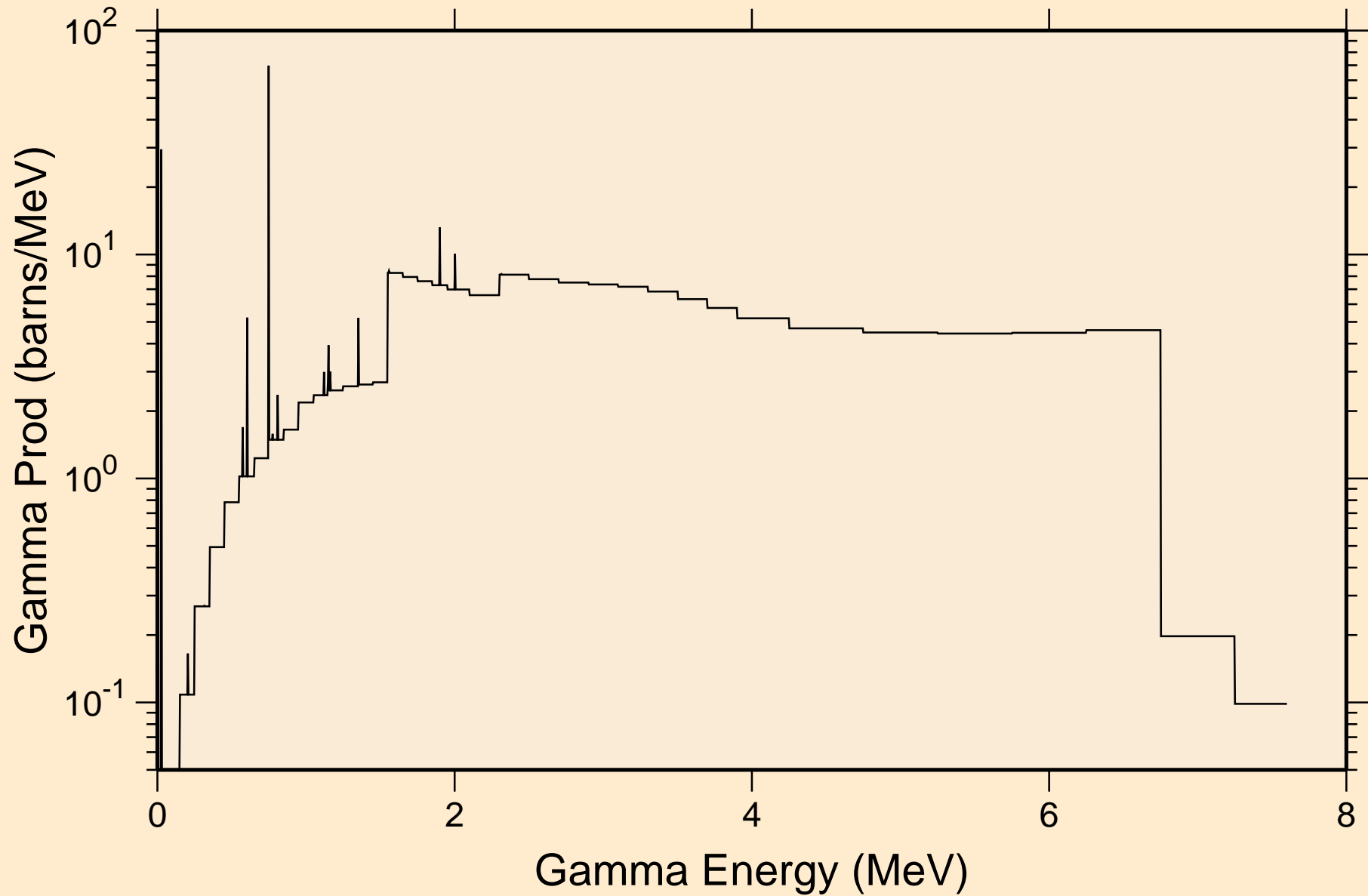
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



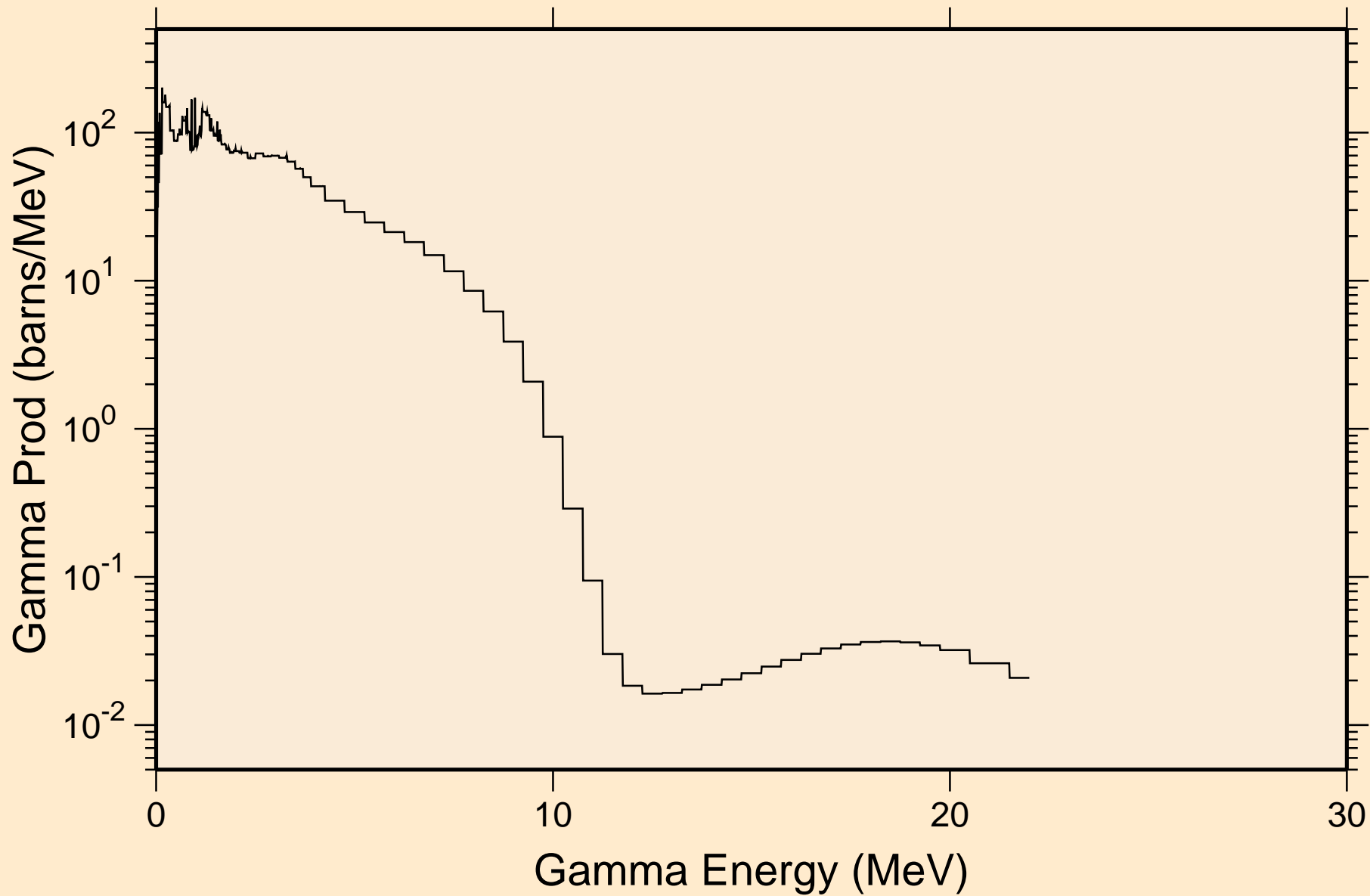
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

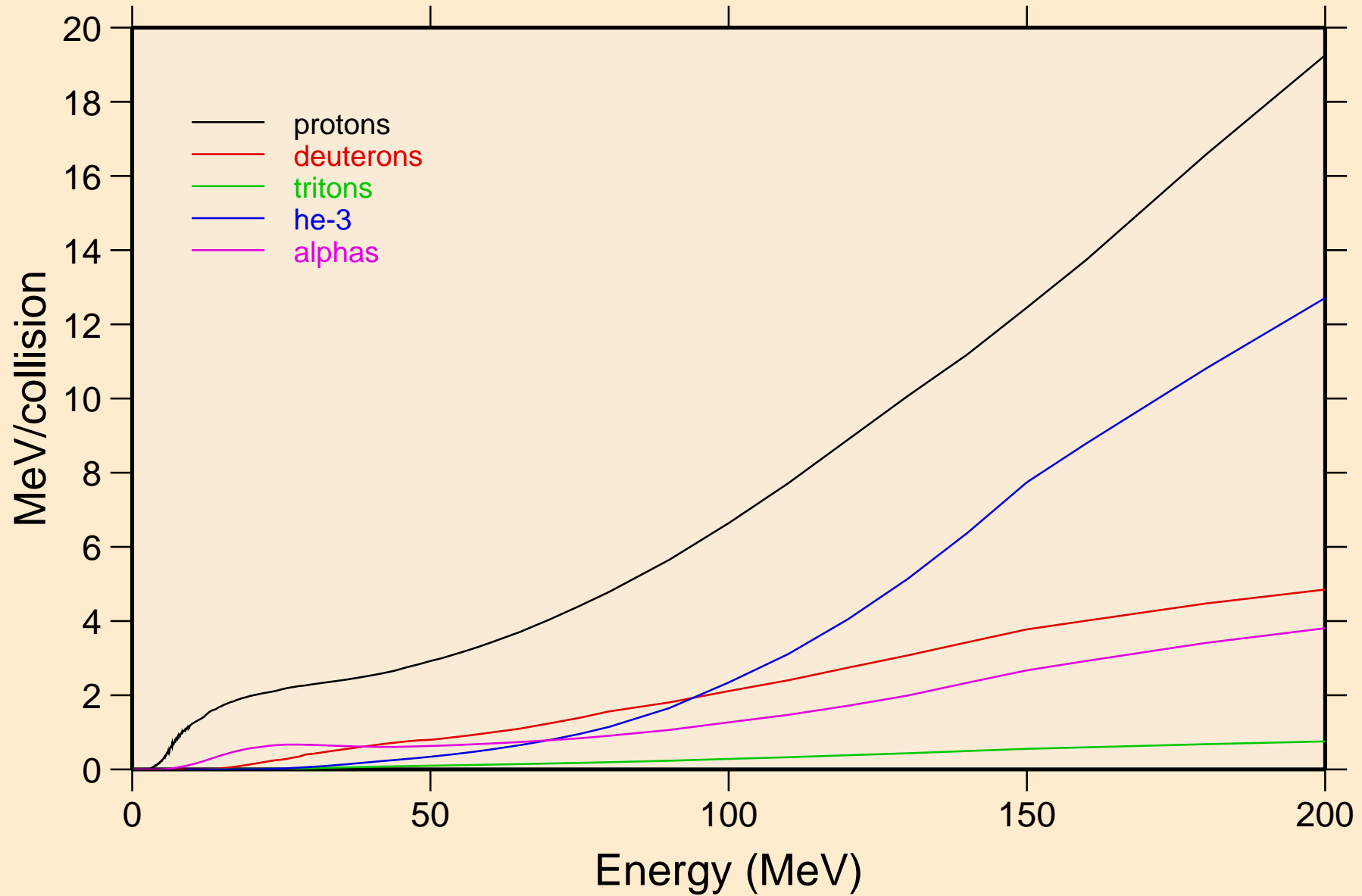


CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

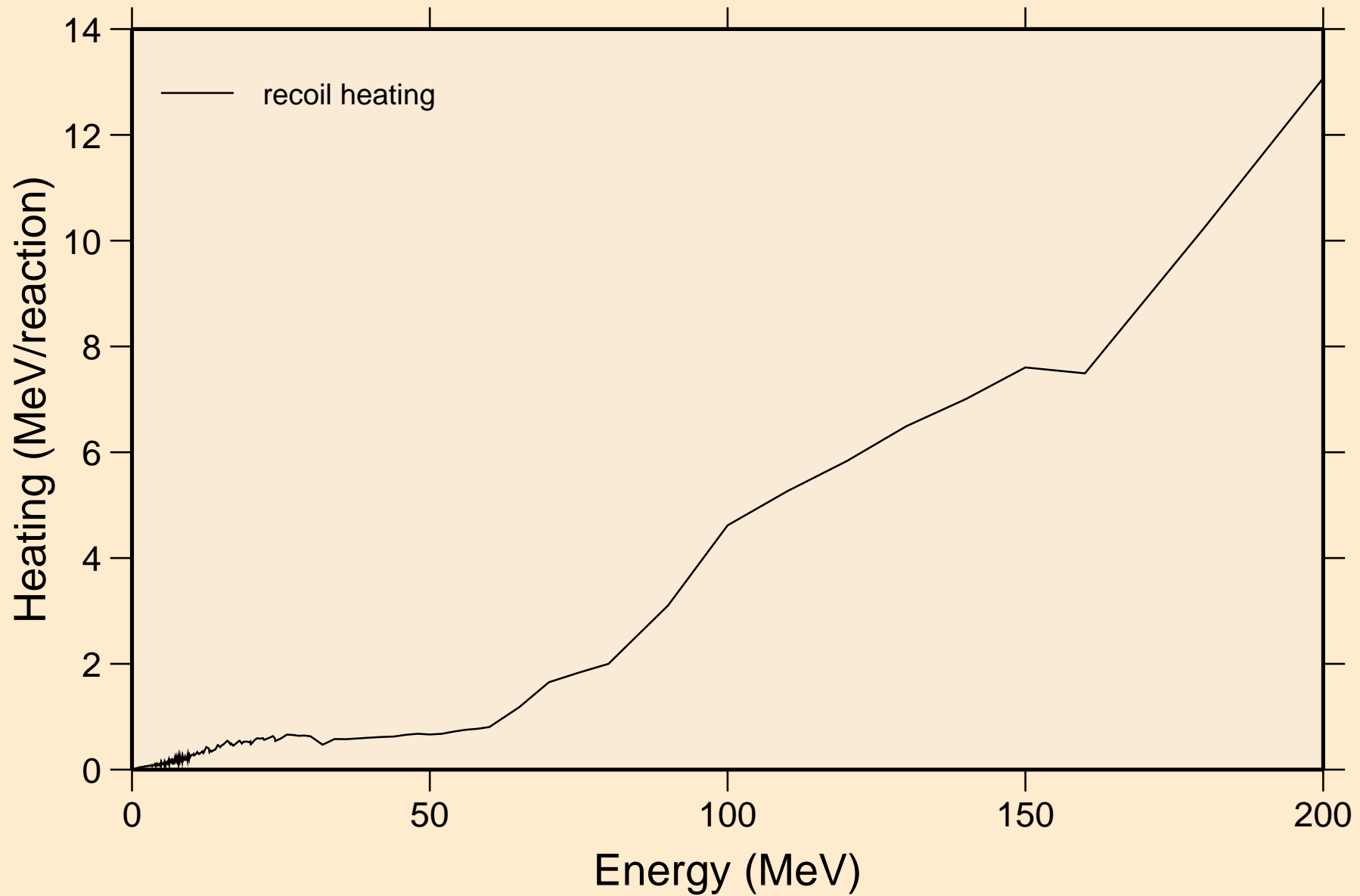


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



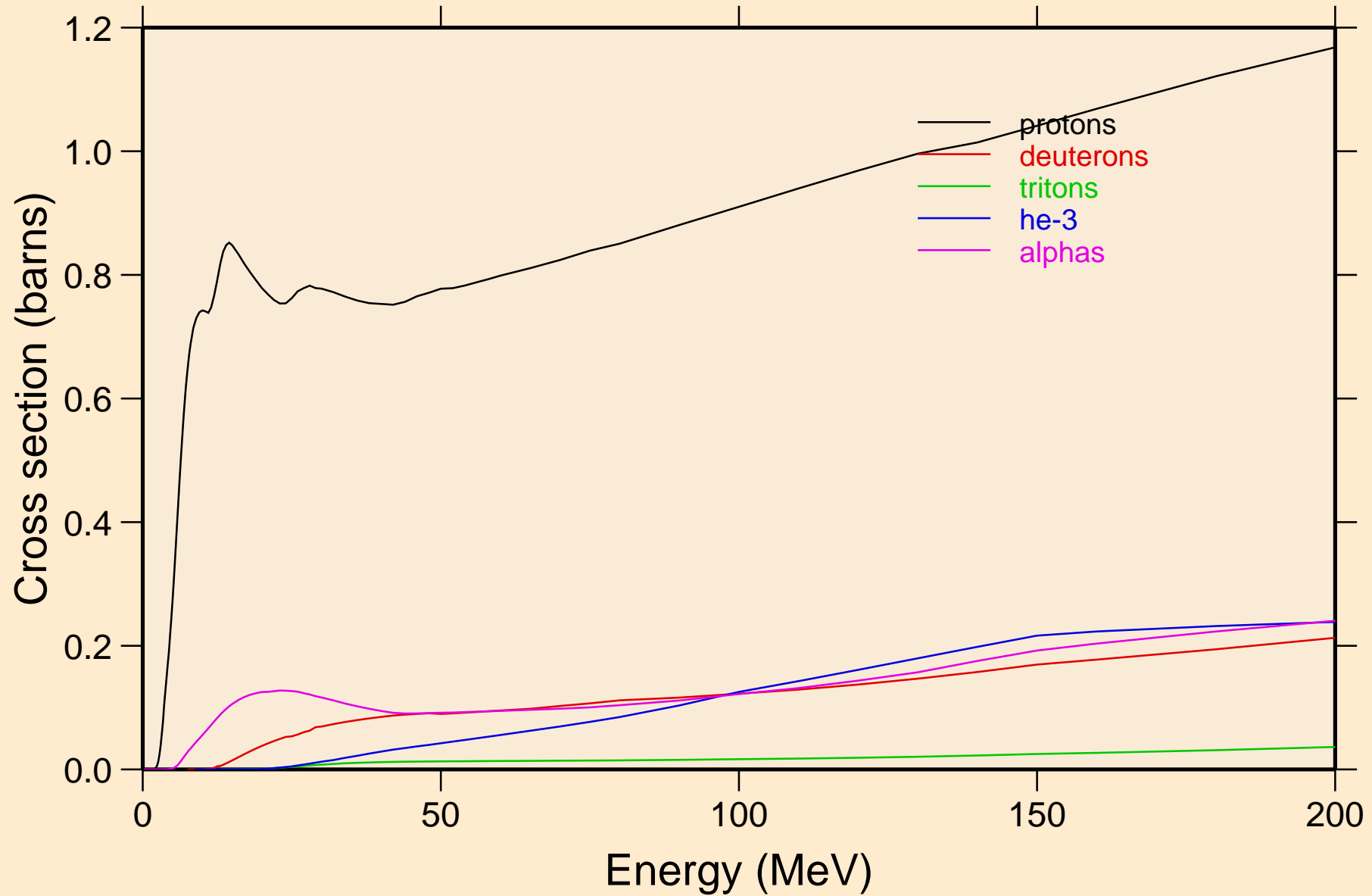
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



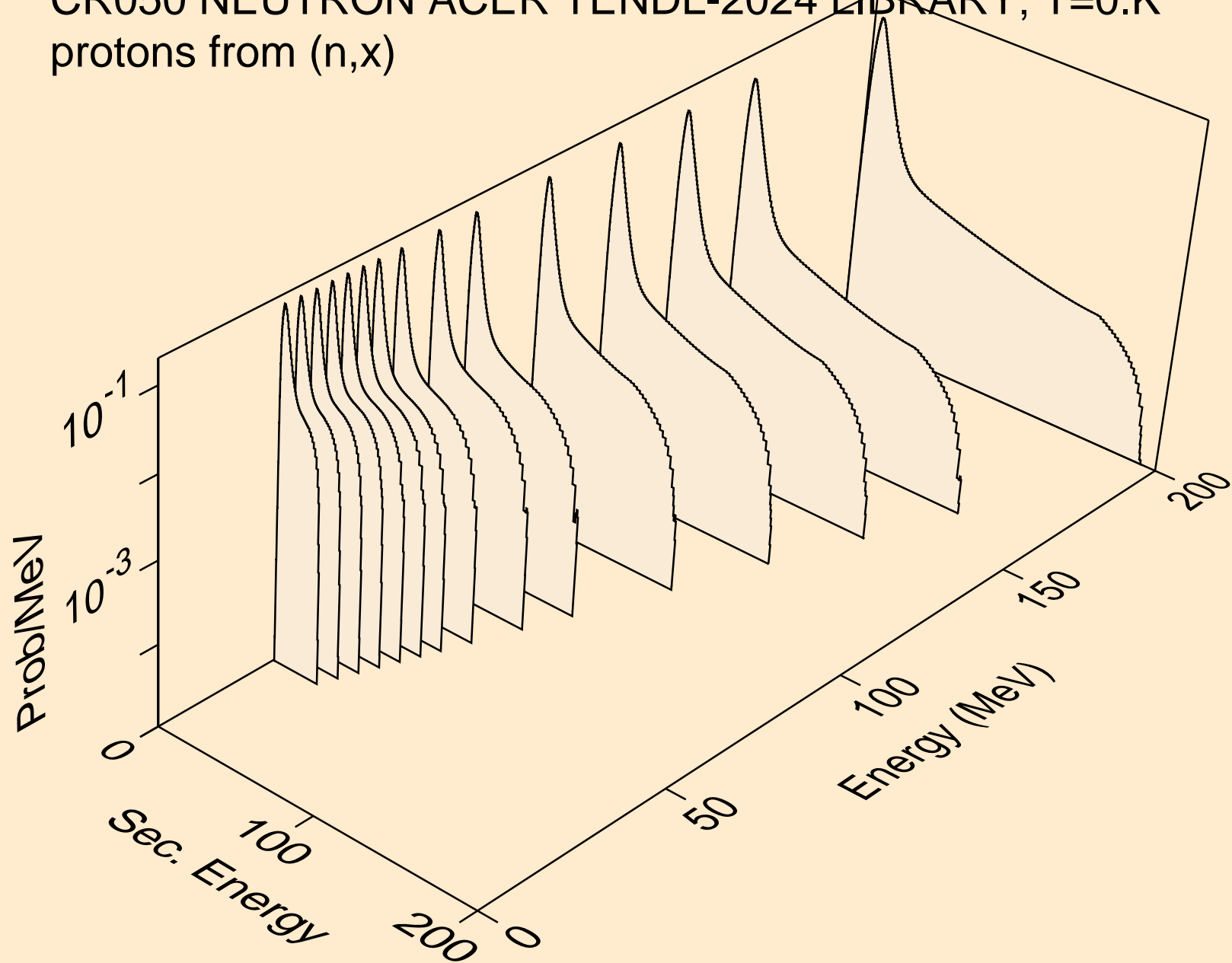


# CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

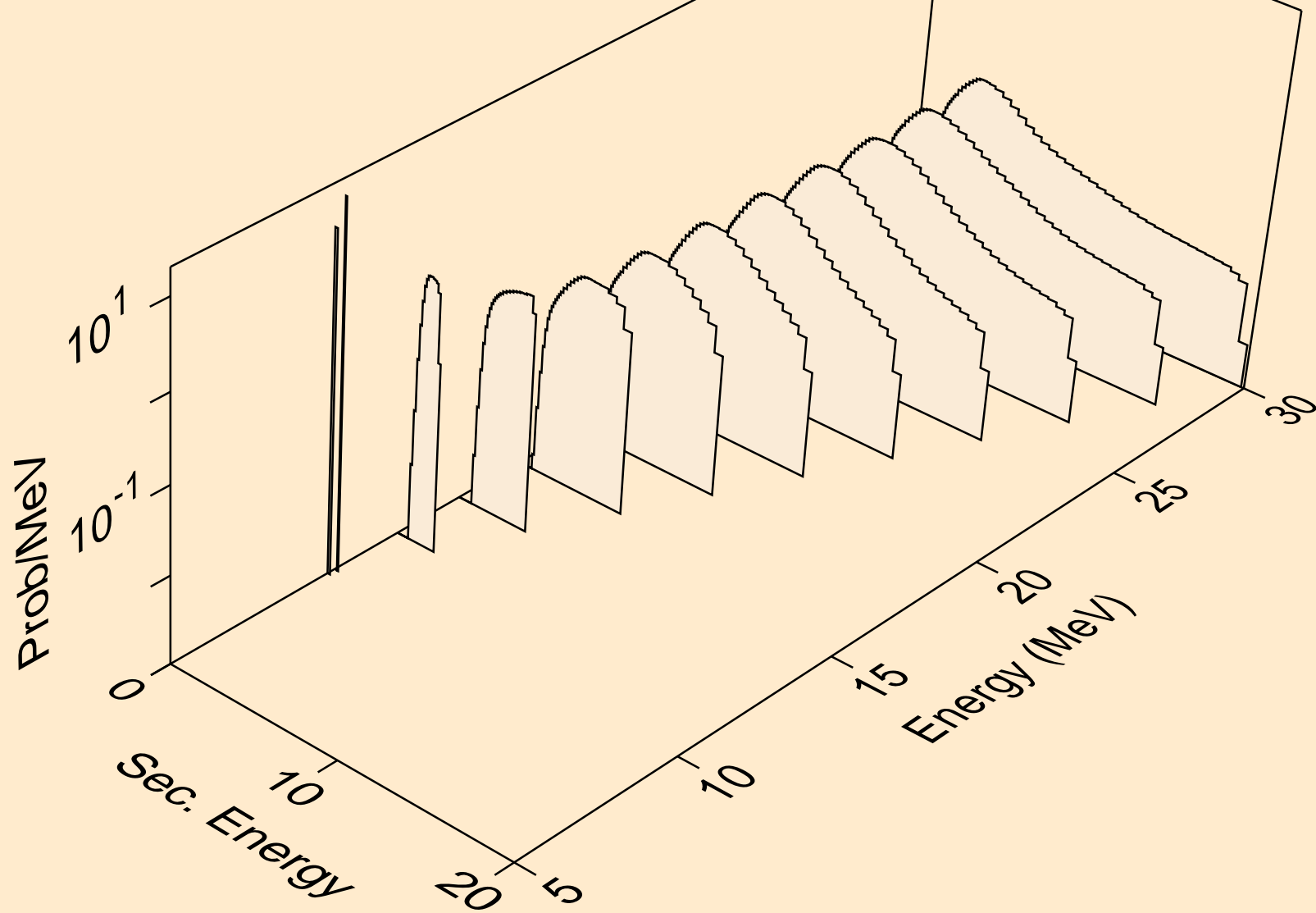
## Particle production cross sections



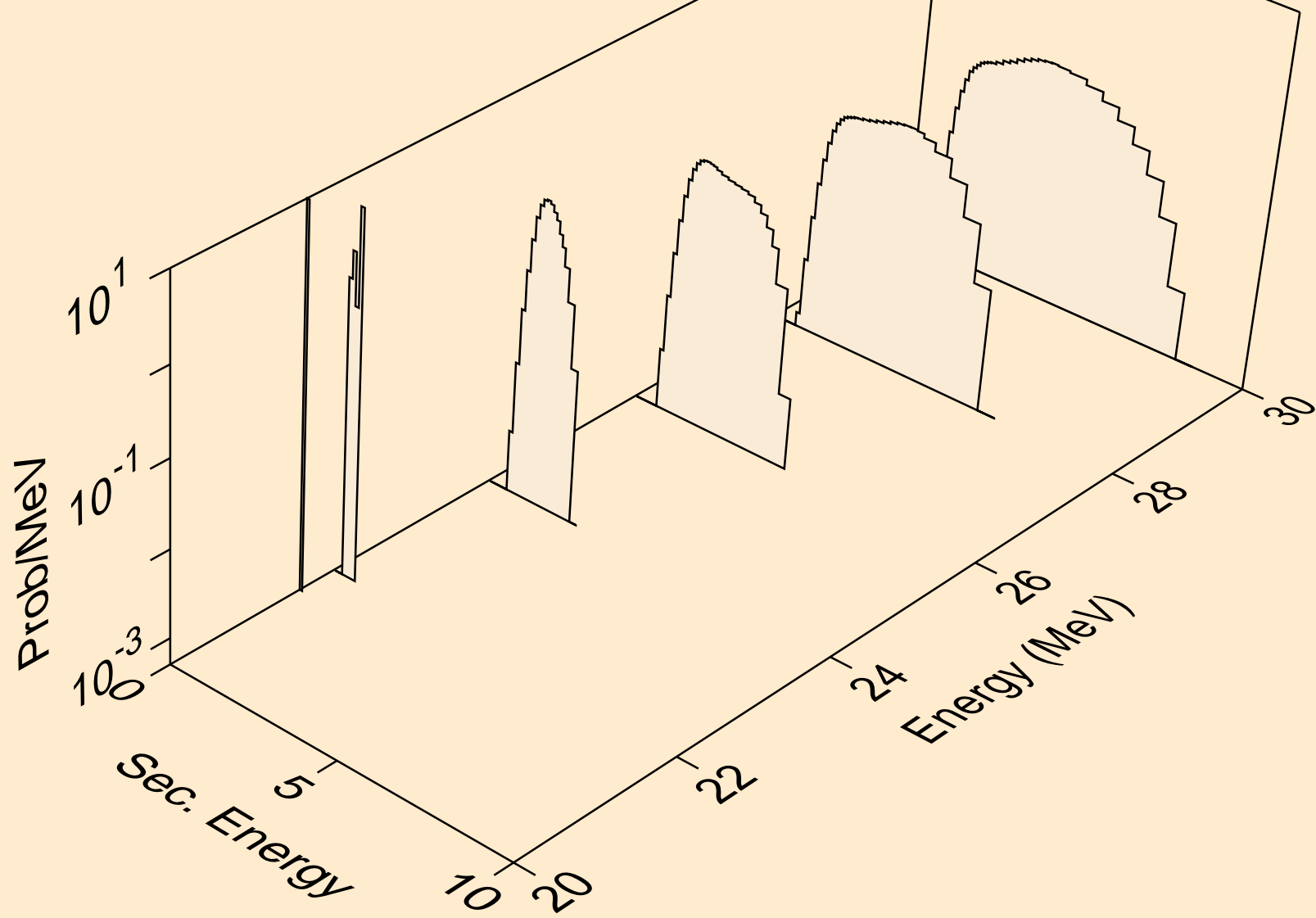
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



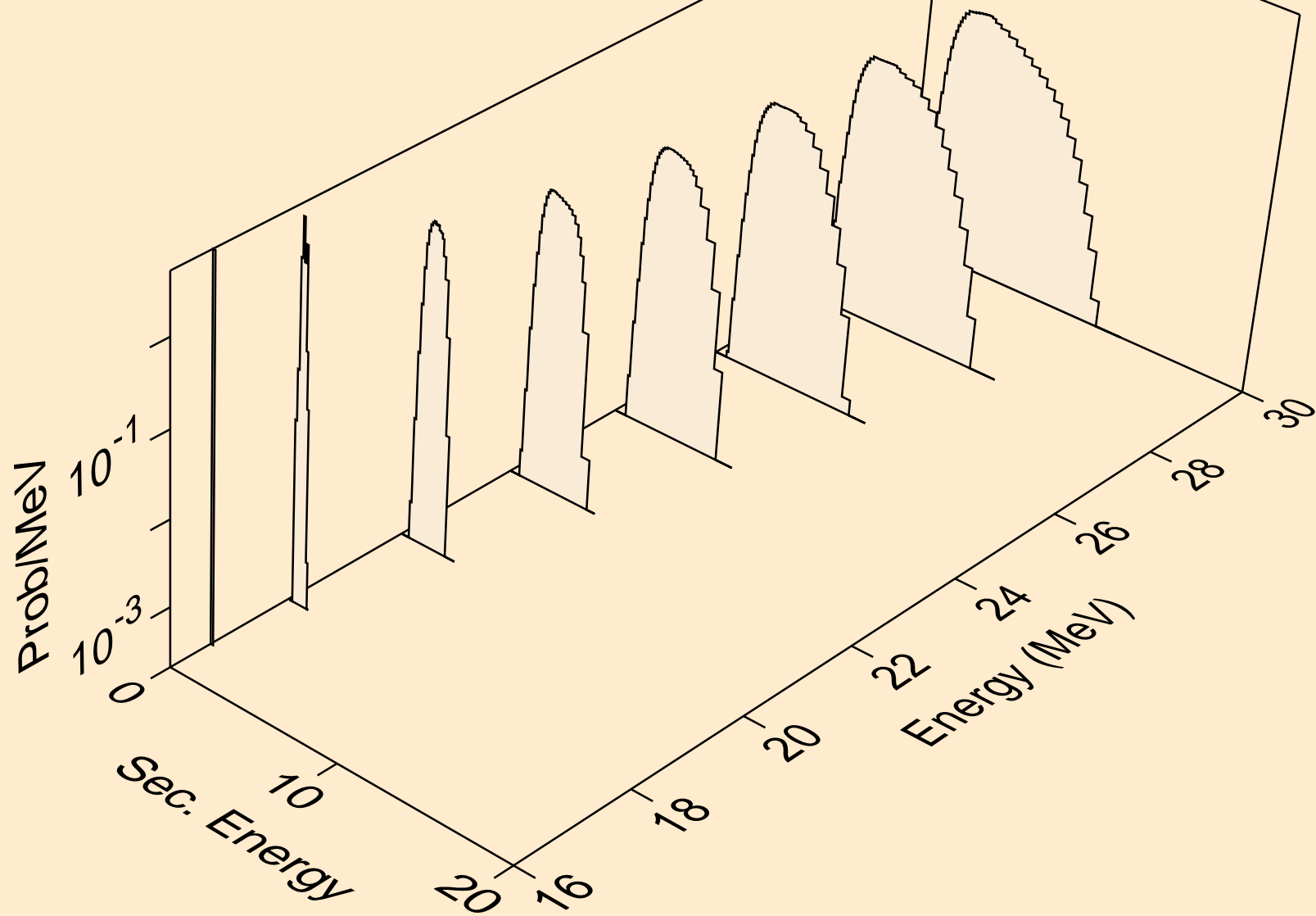
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



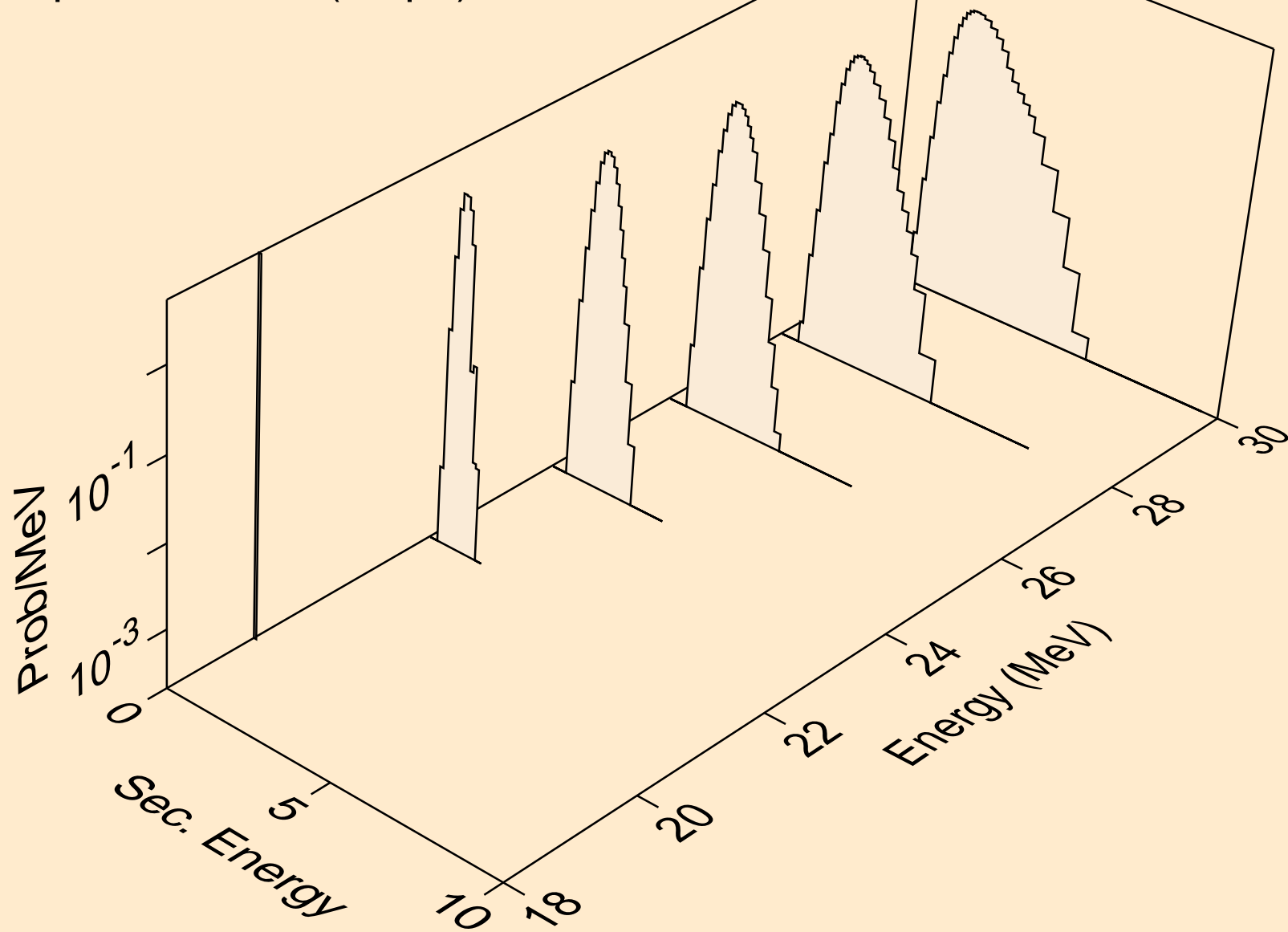
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



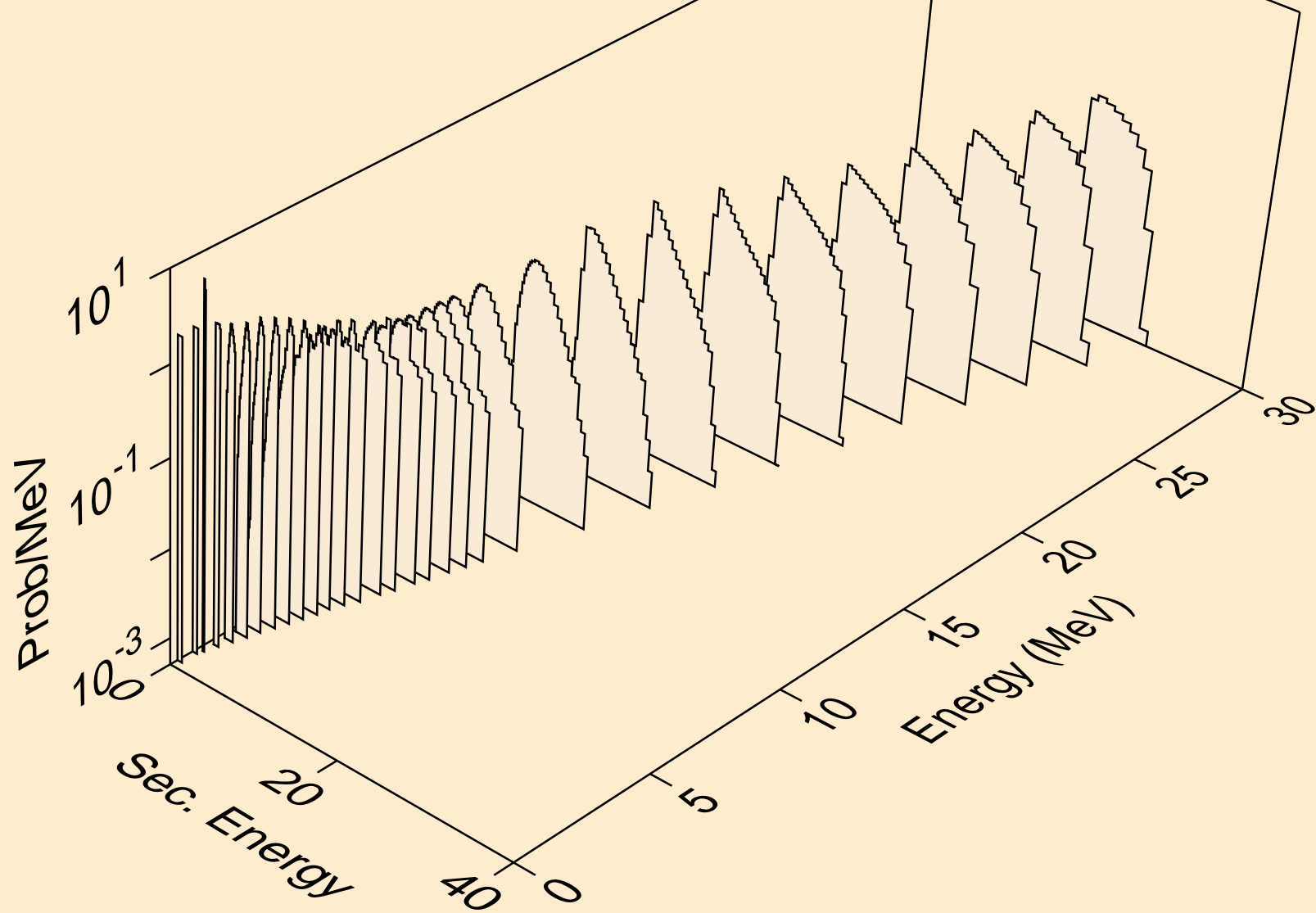
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protons from (n,n2p)



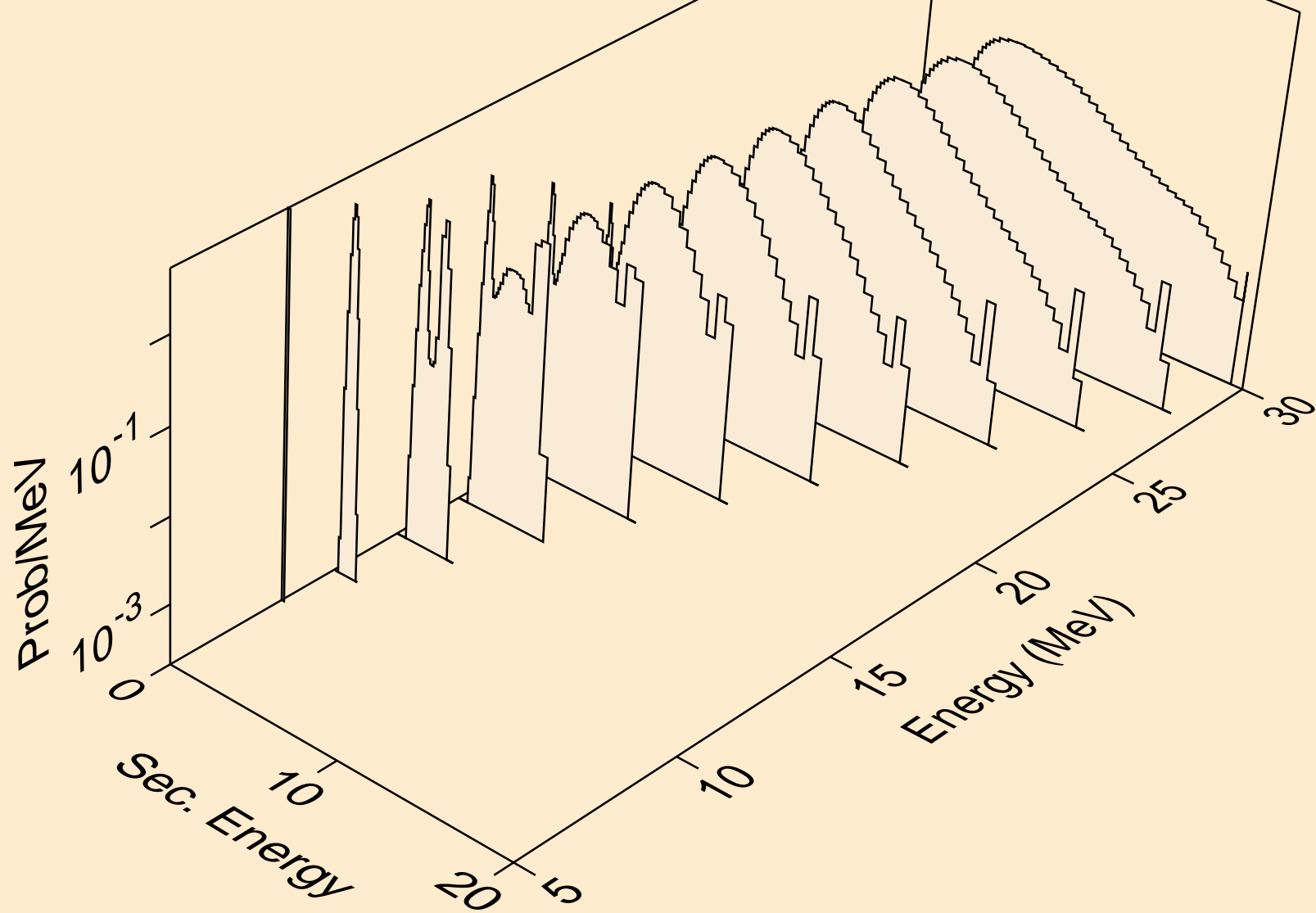
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

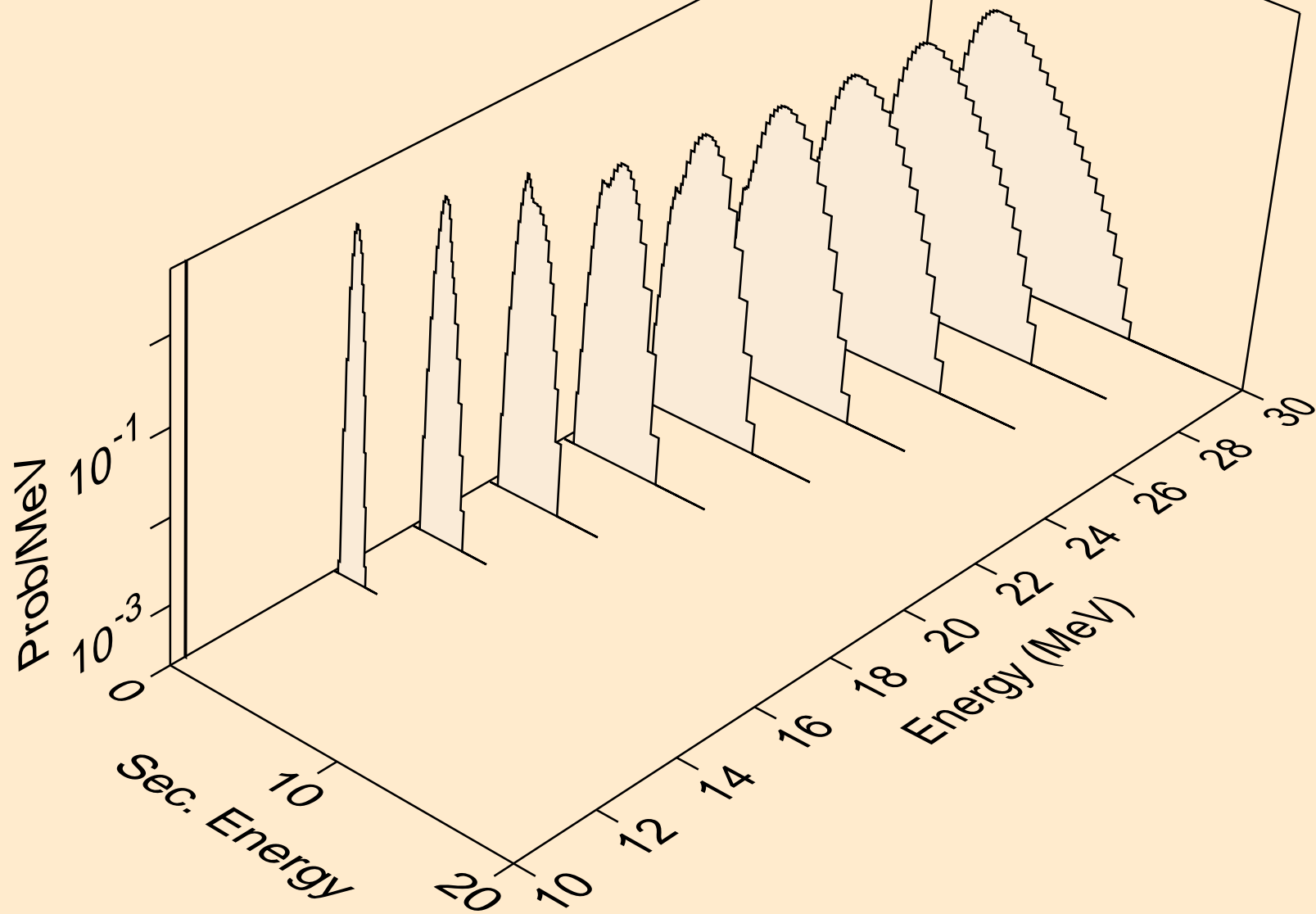


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protons from (n,2p)

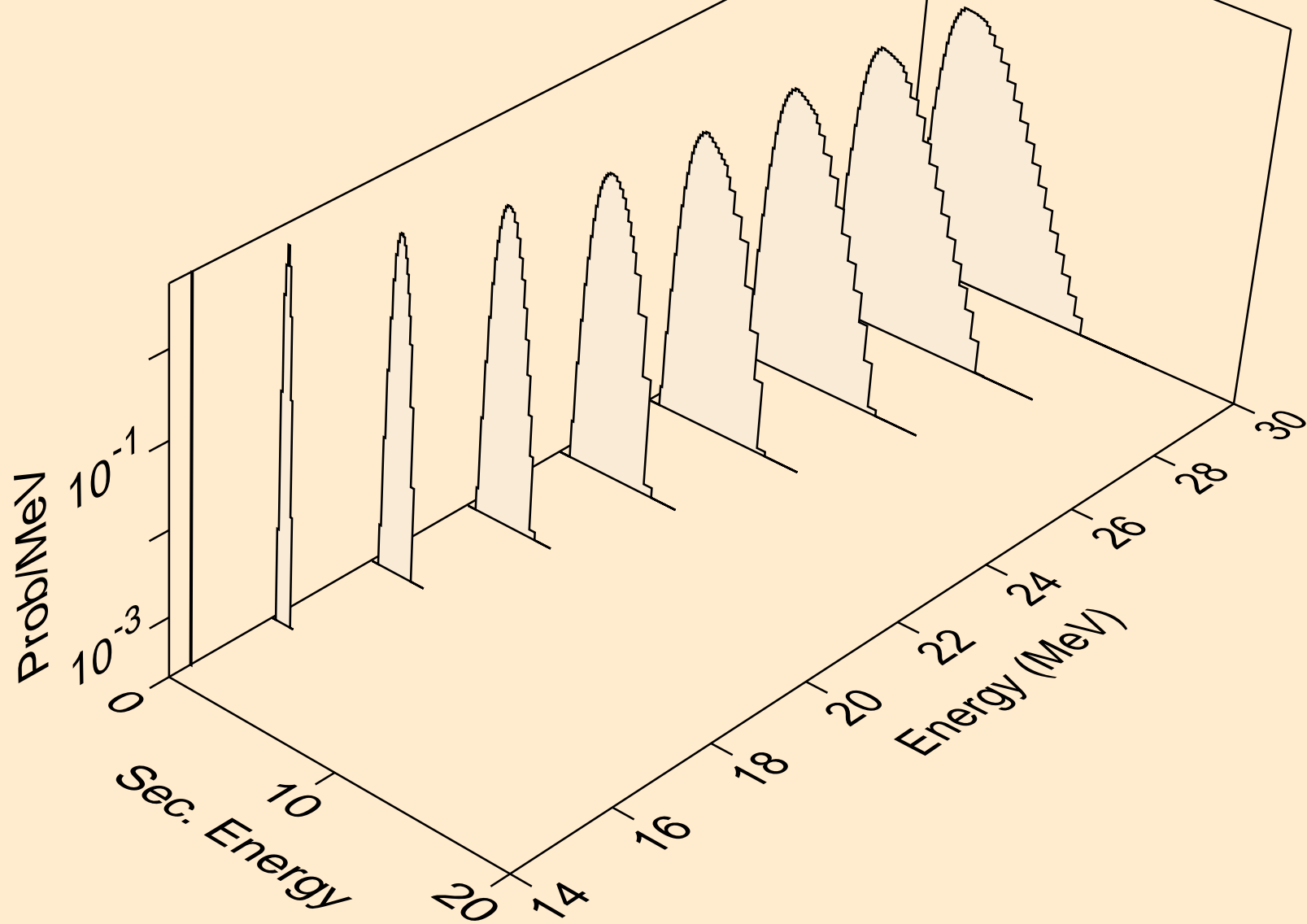




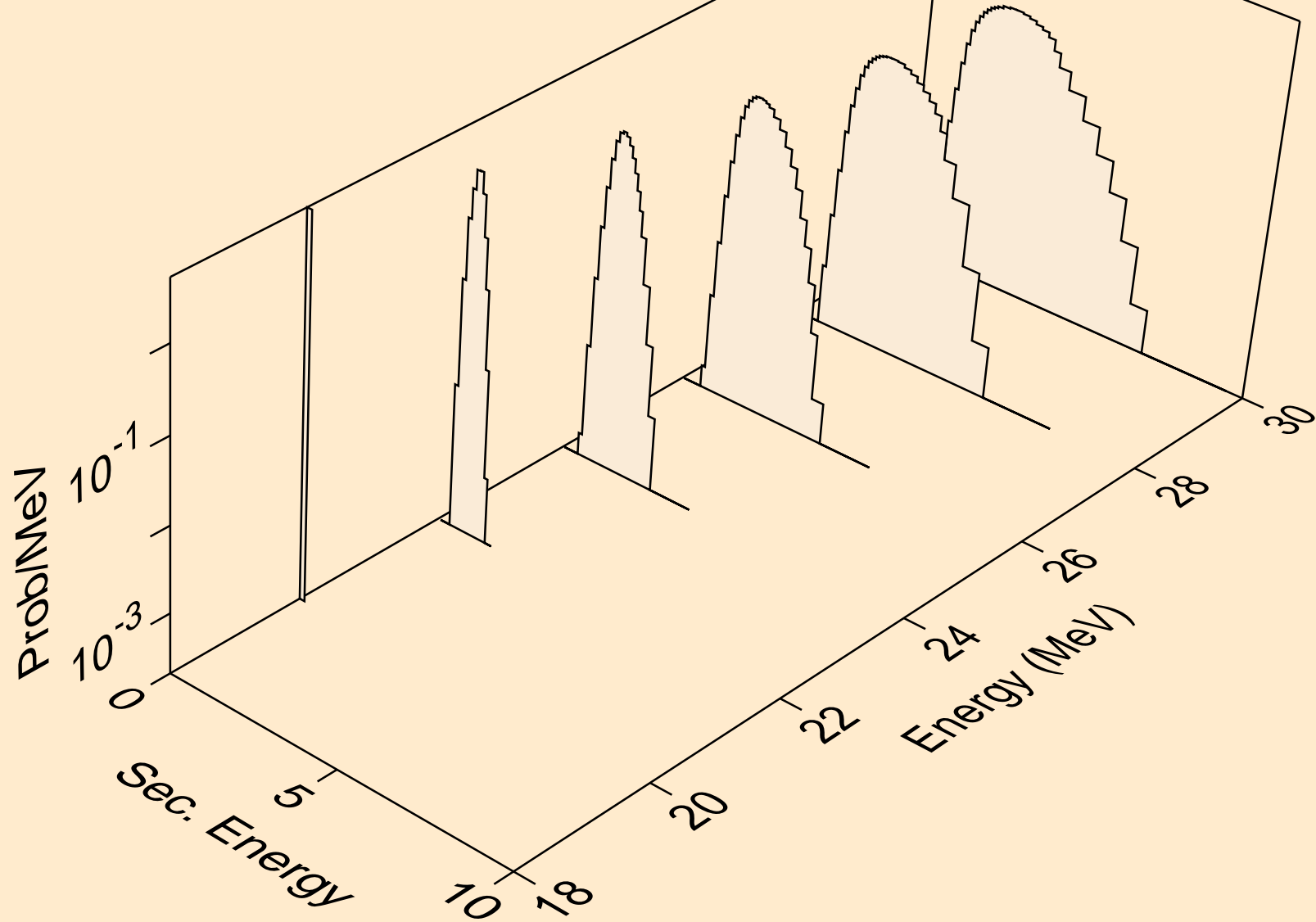
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protons from (n,p)



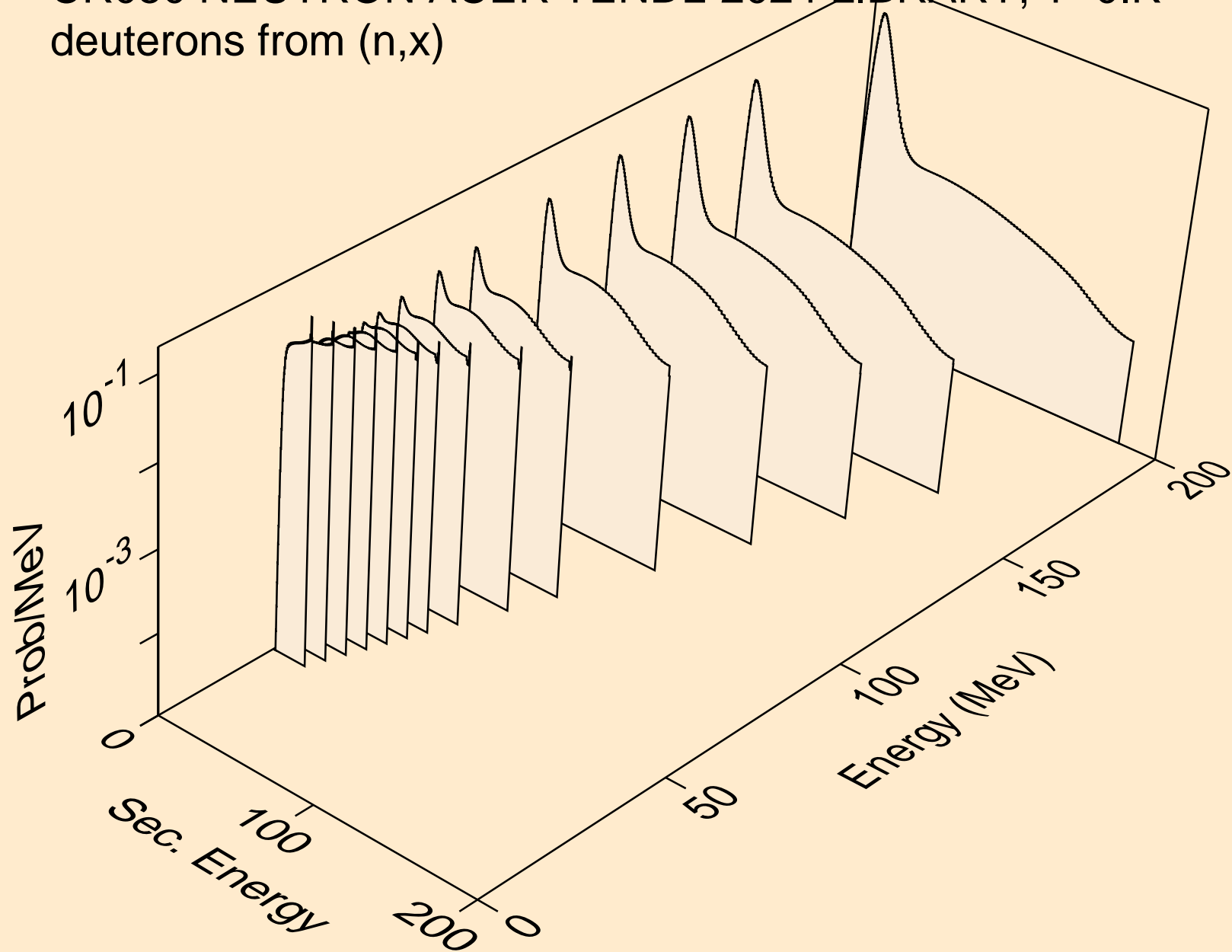
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protons from (n,pd)



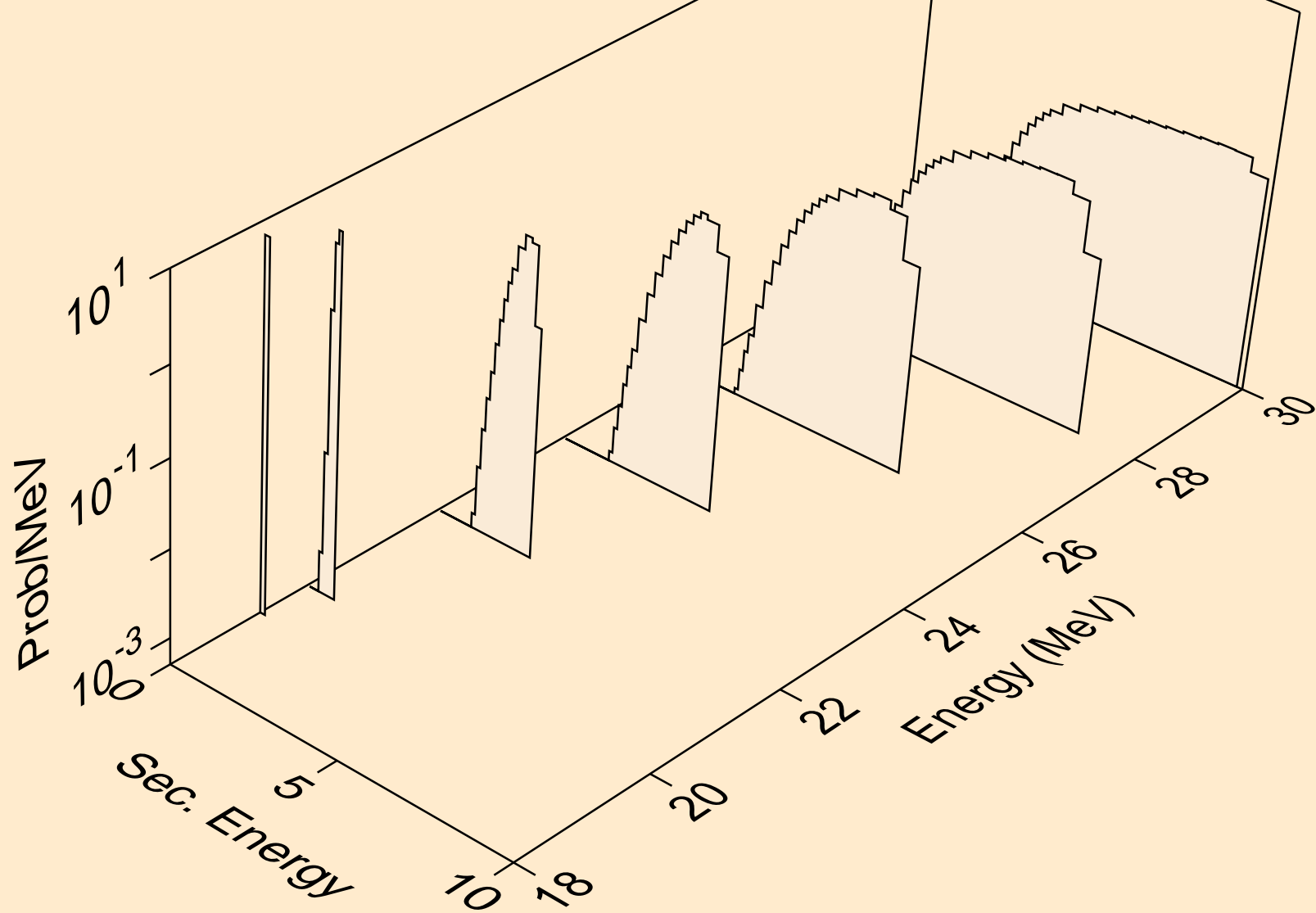
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protons from (n,pt)



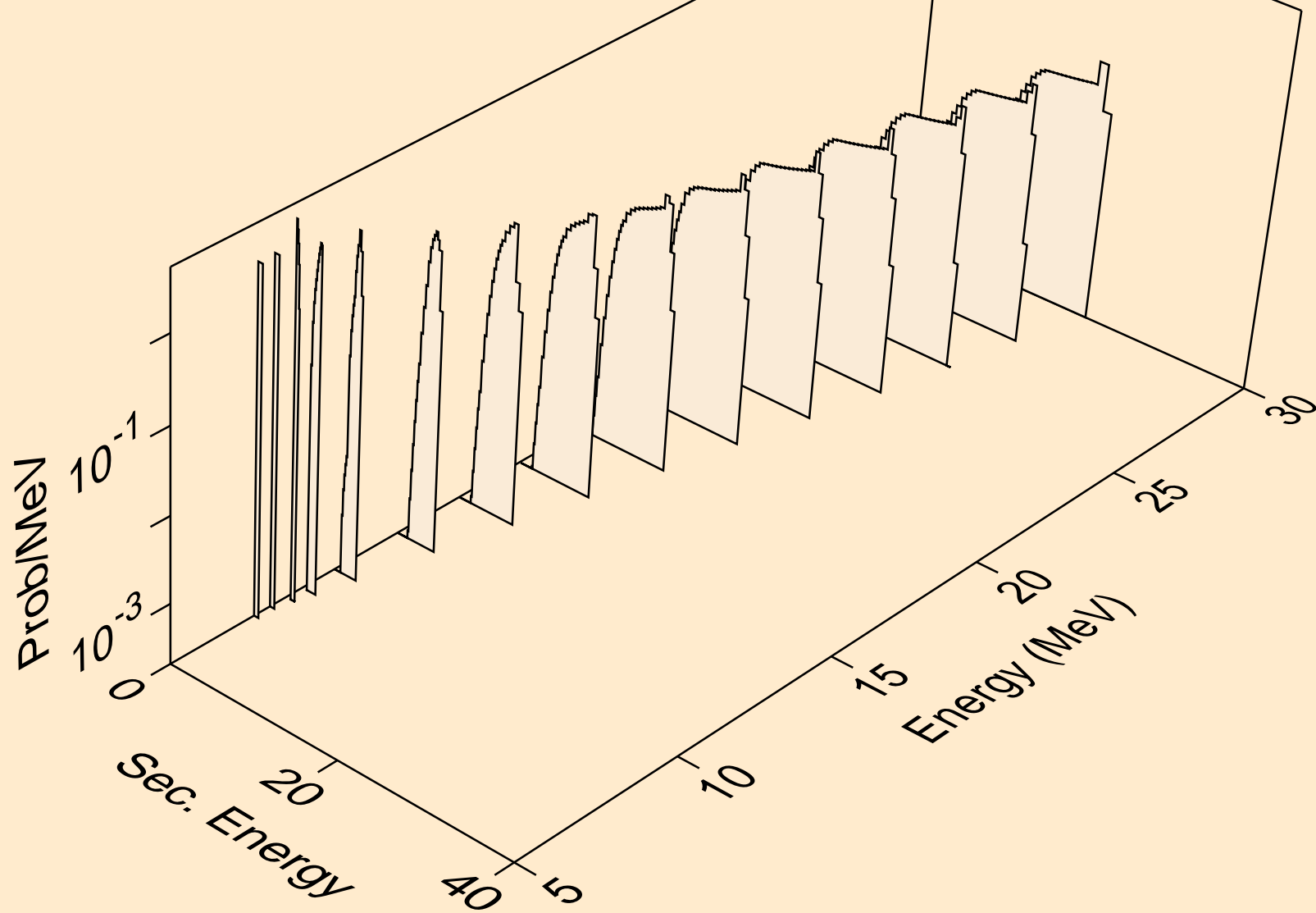
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deuterons from (n,x)



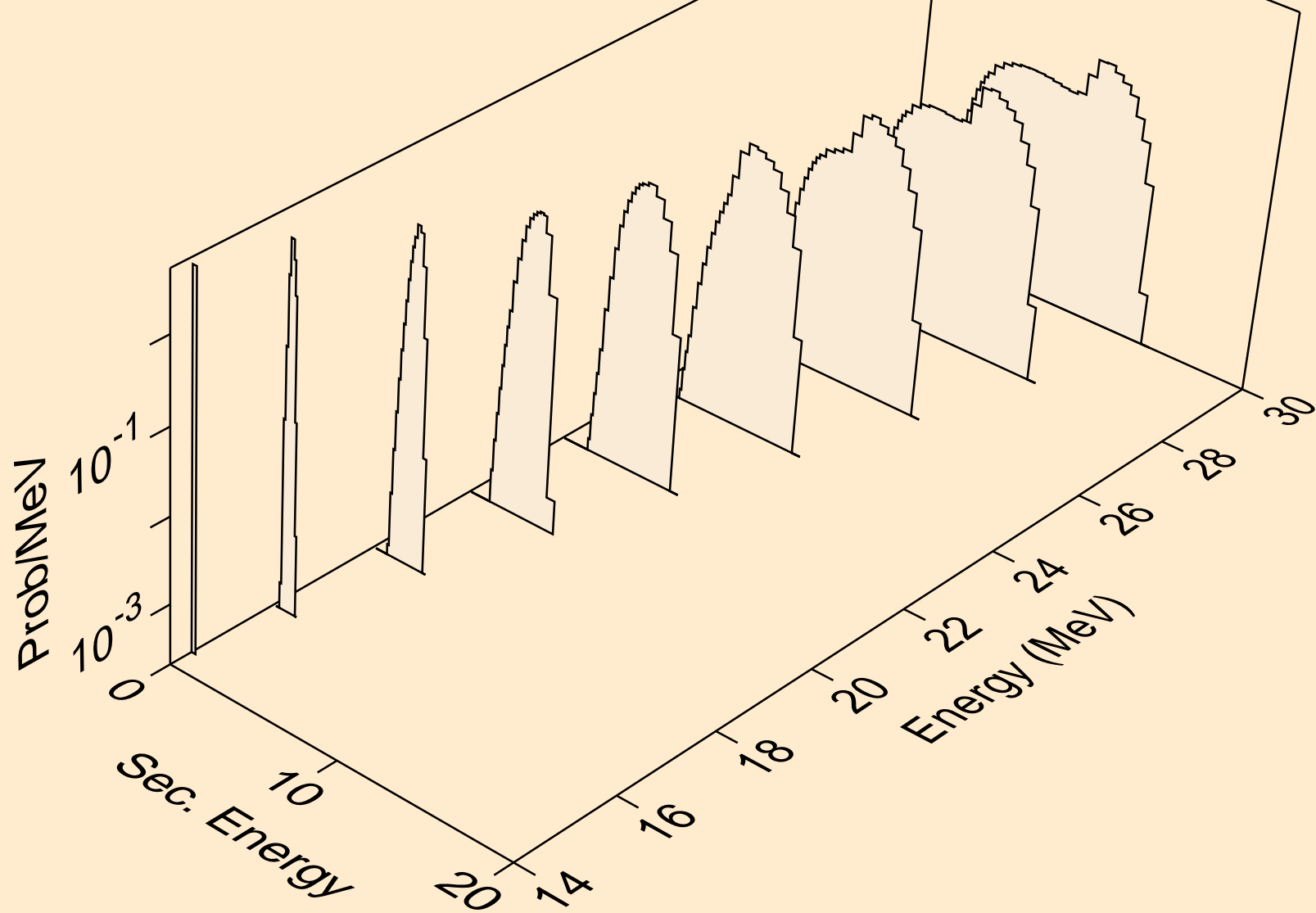
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deuterons from (n,n\*)d



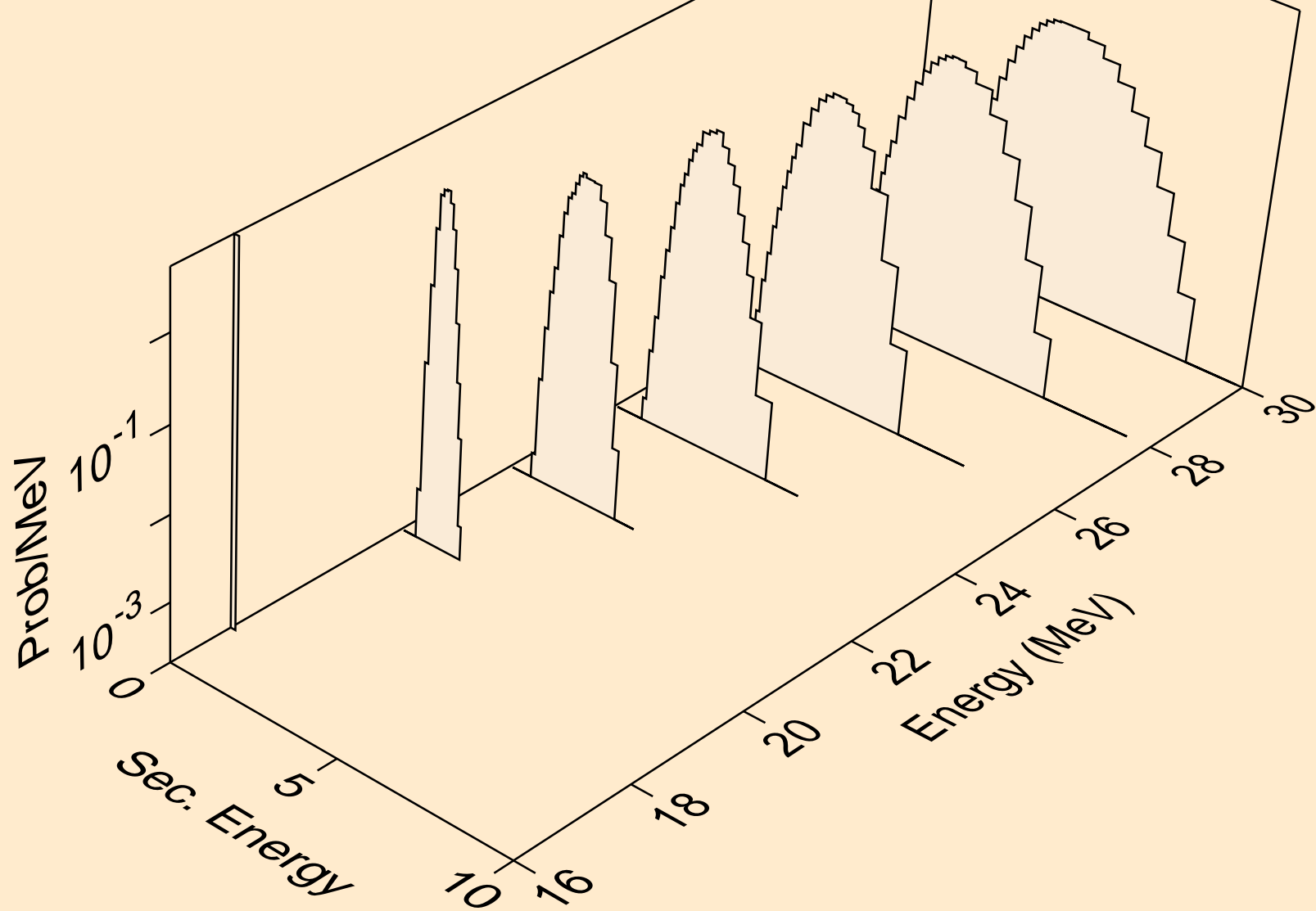
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

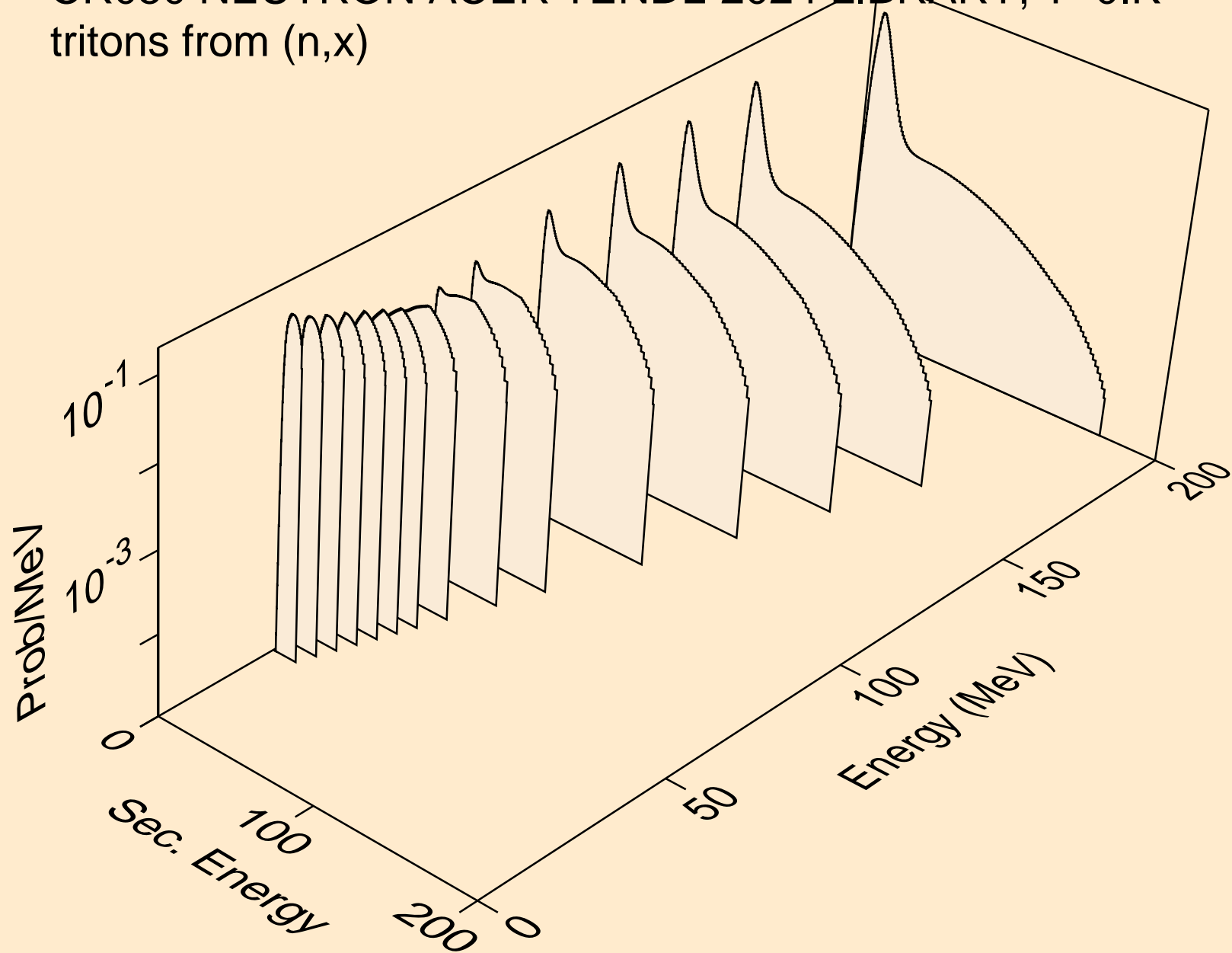


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deuterons from (n,da)

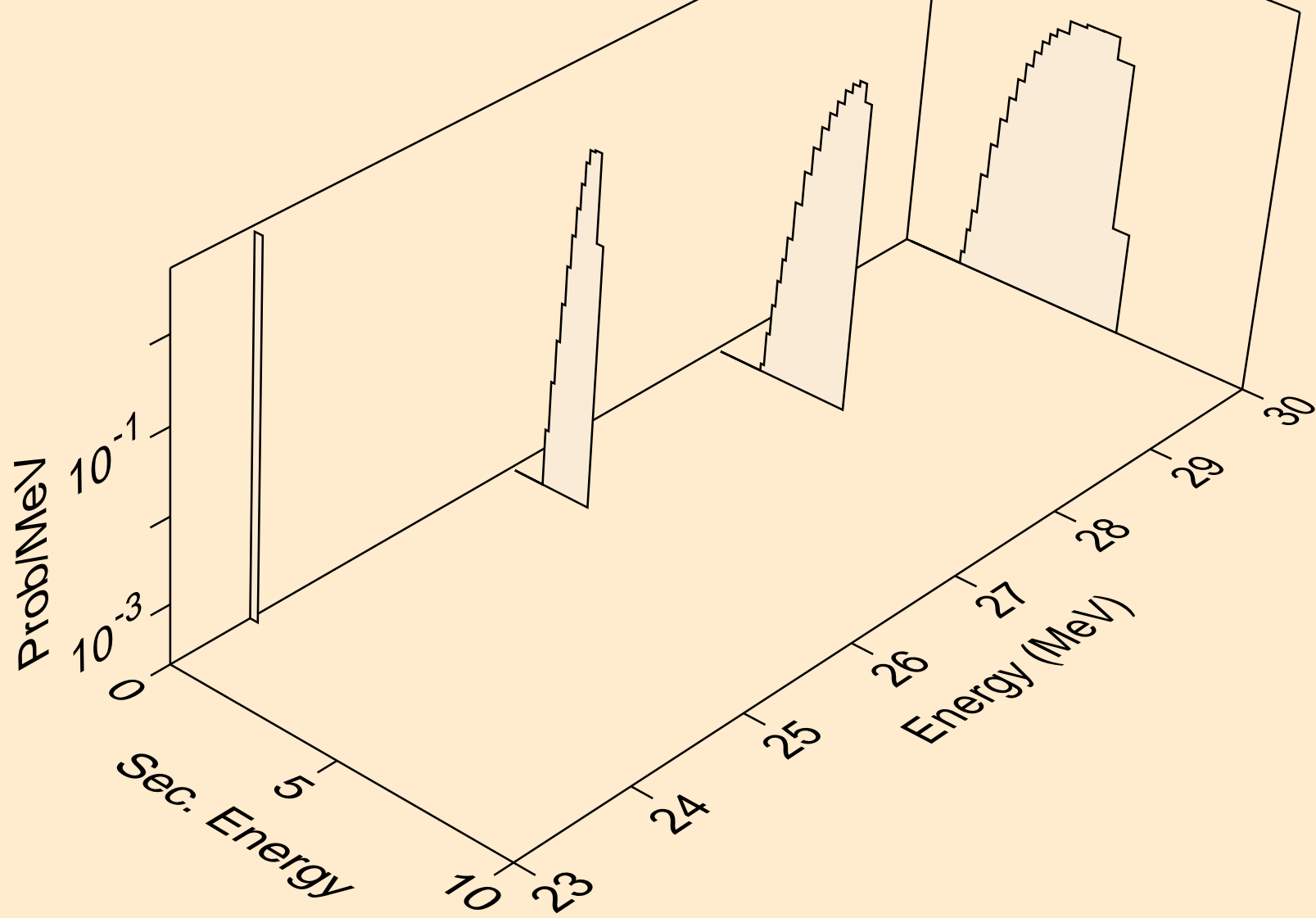




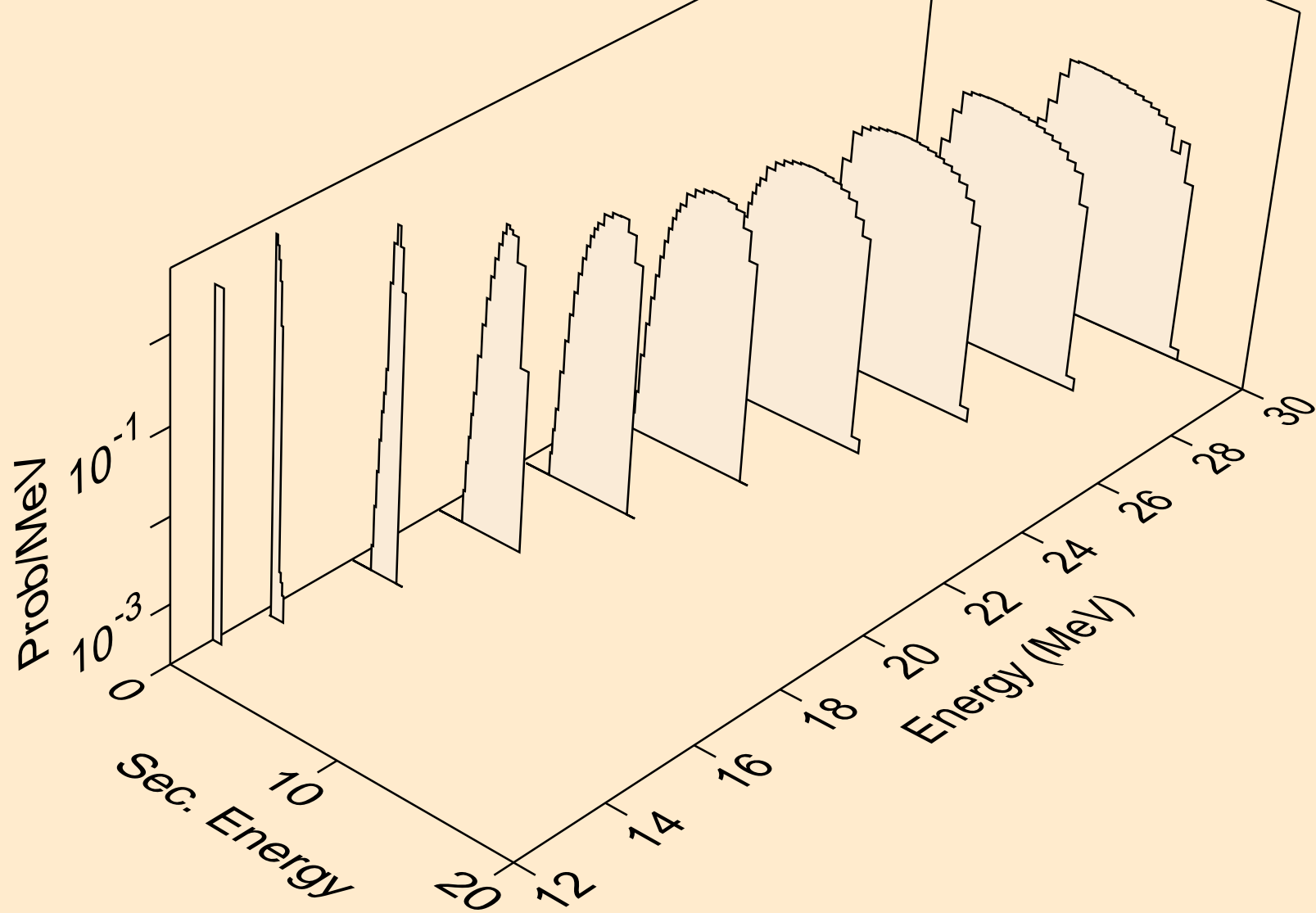
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tritons from (n,x)



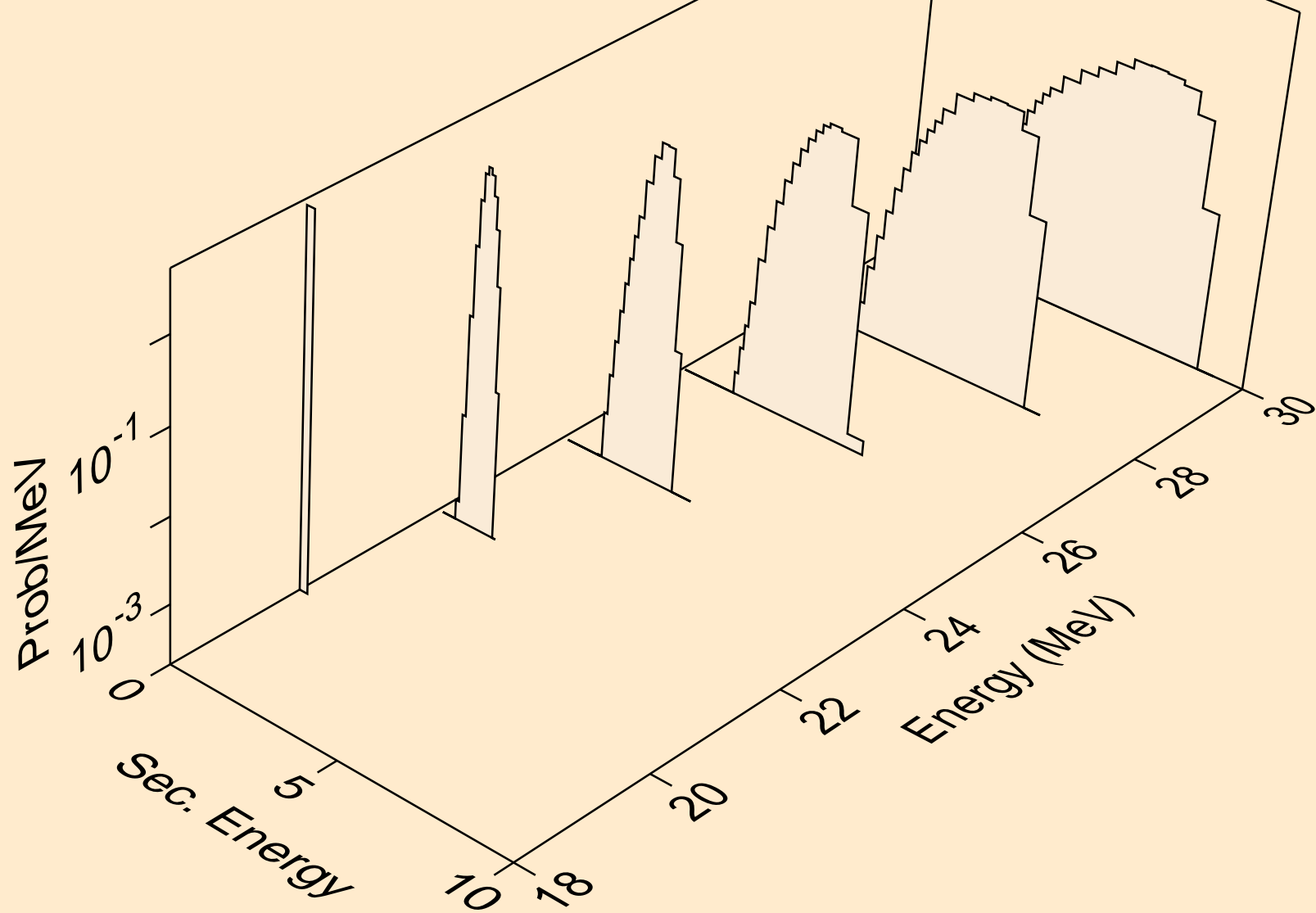
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



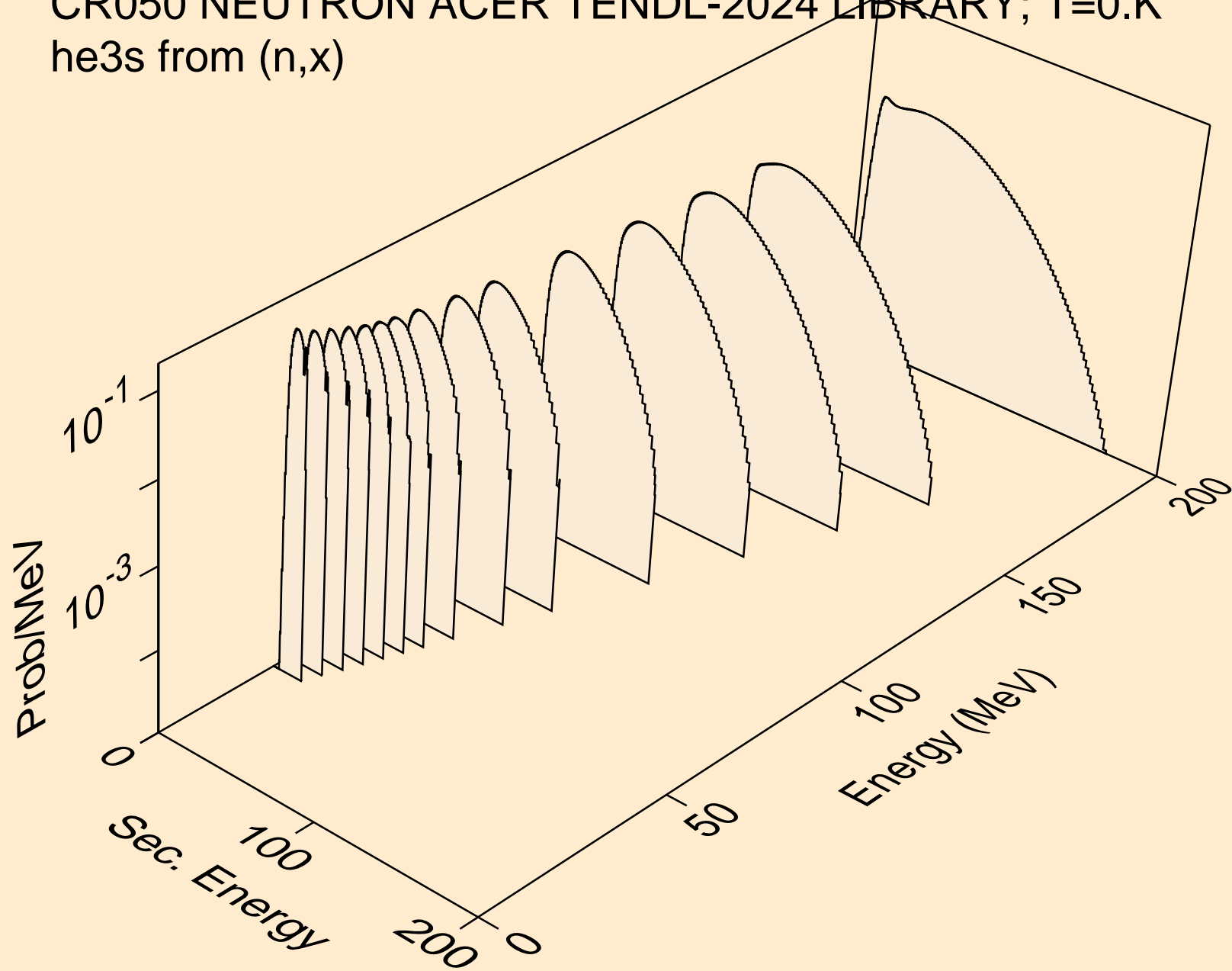
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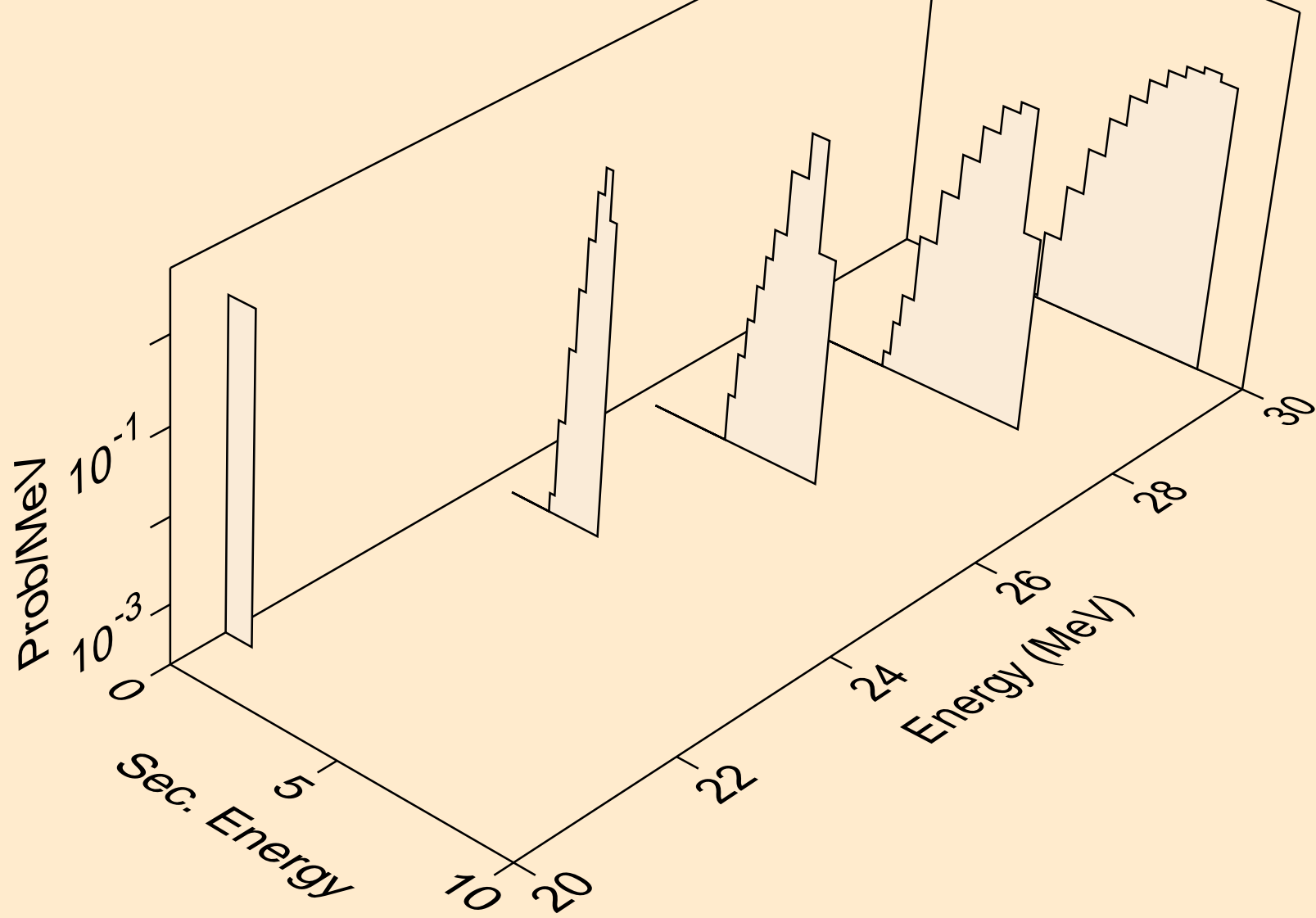
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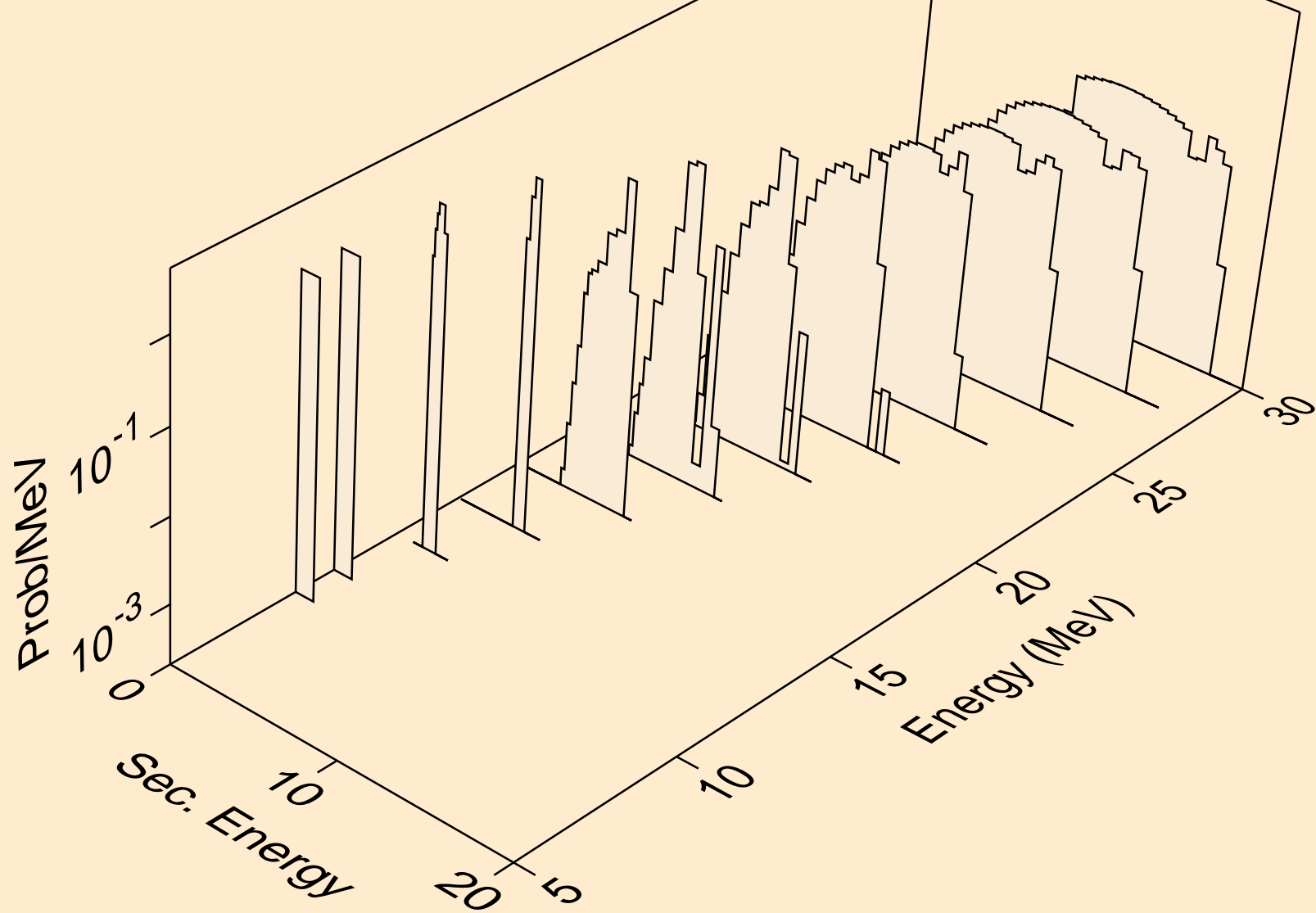
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



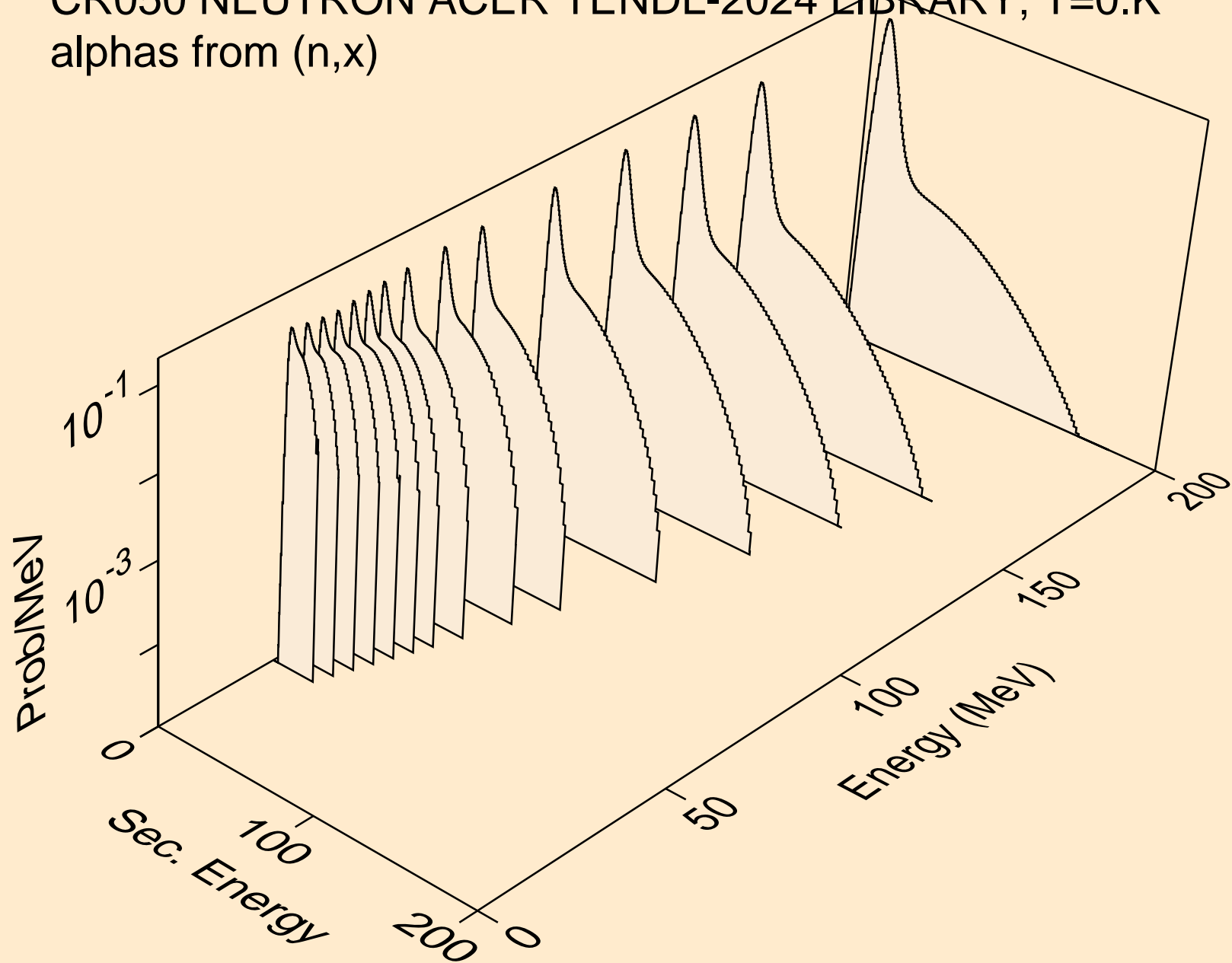
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

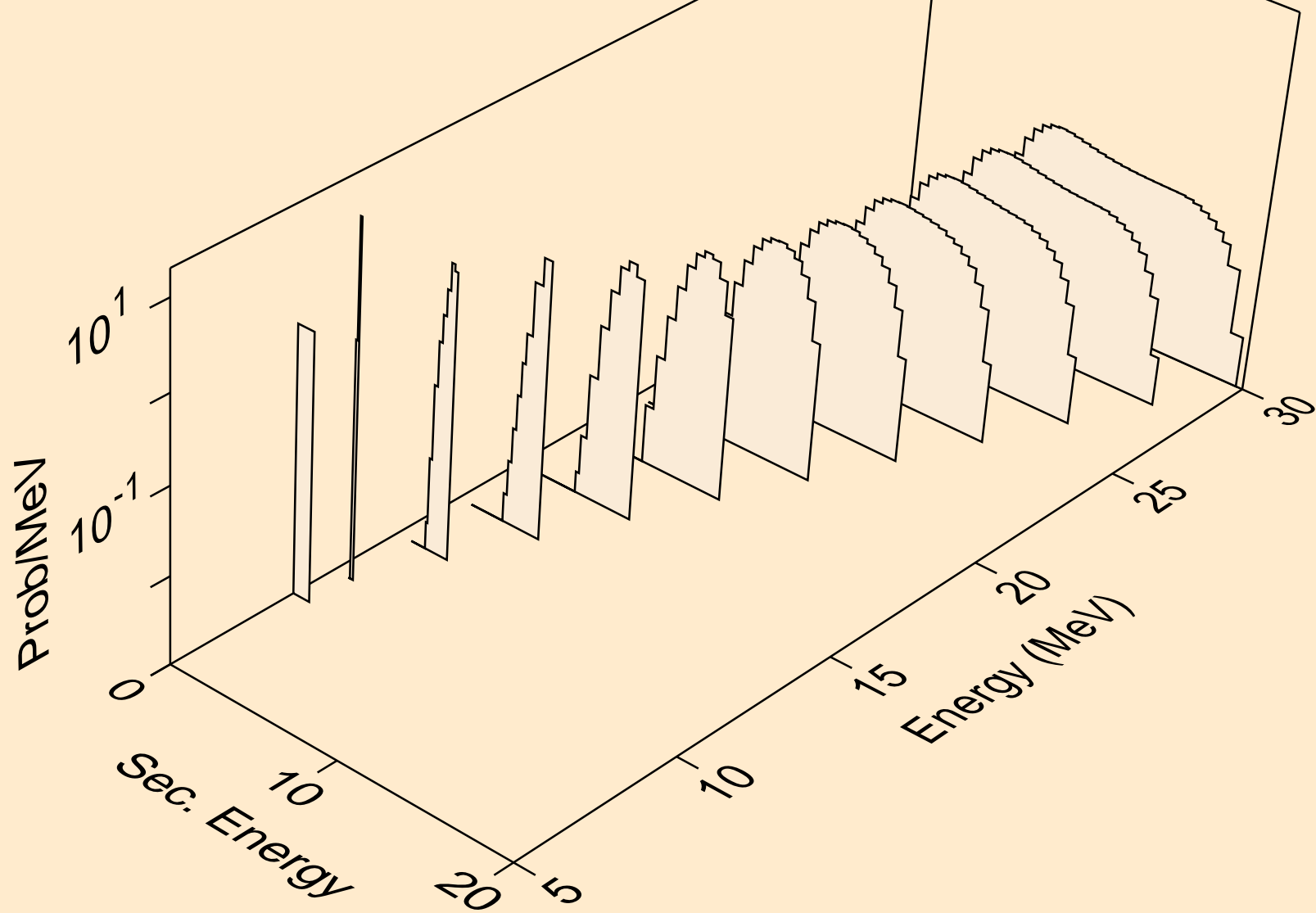


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alphas from (n,x)

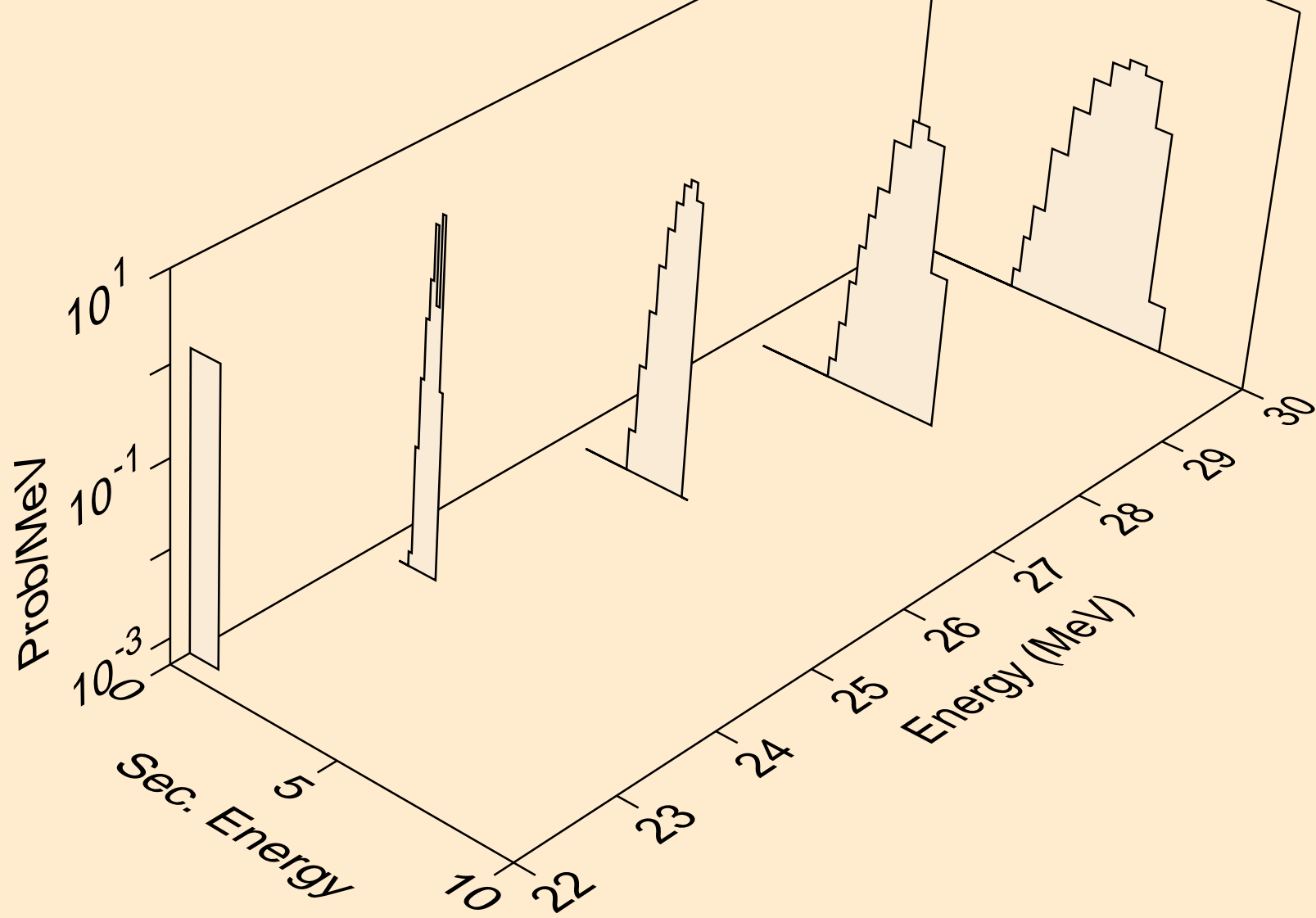




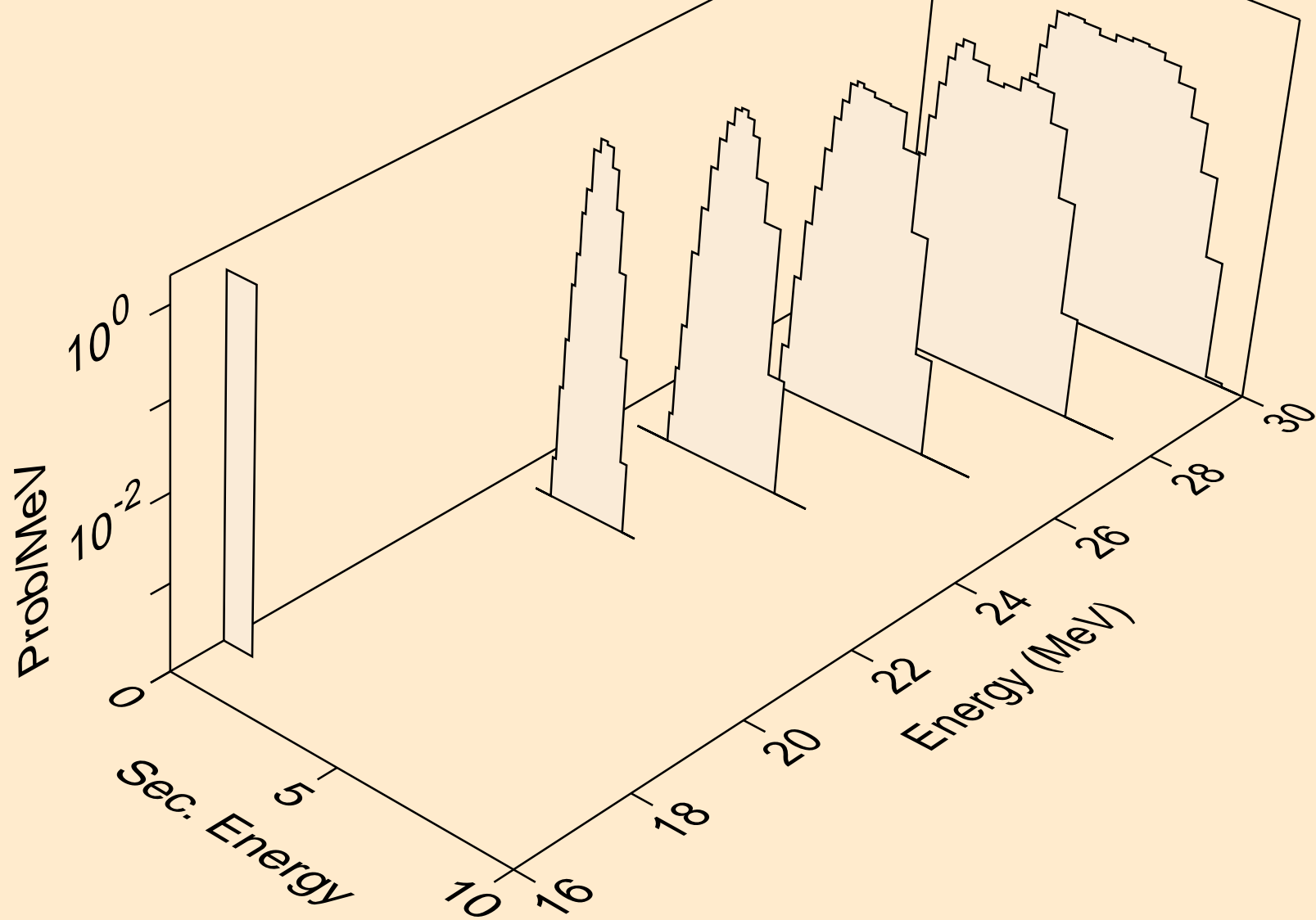
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



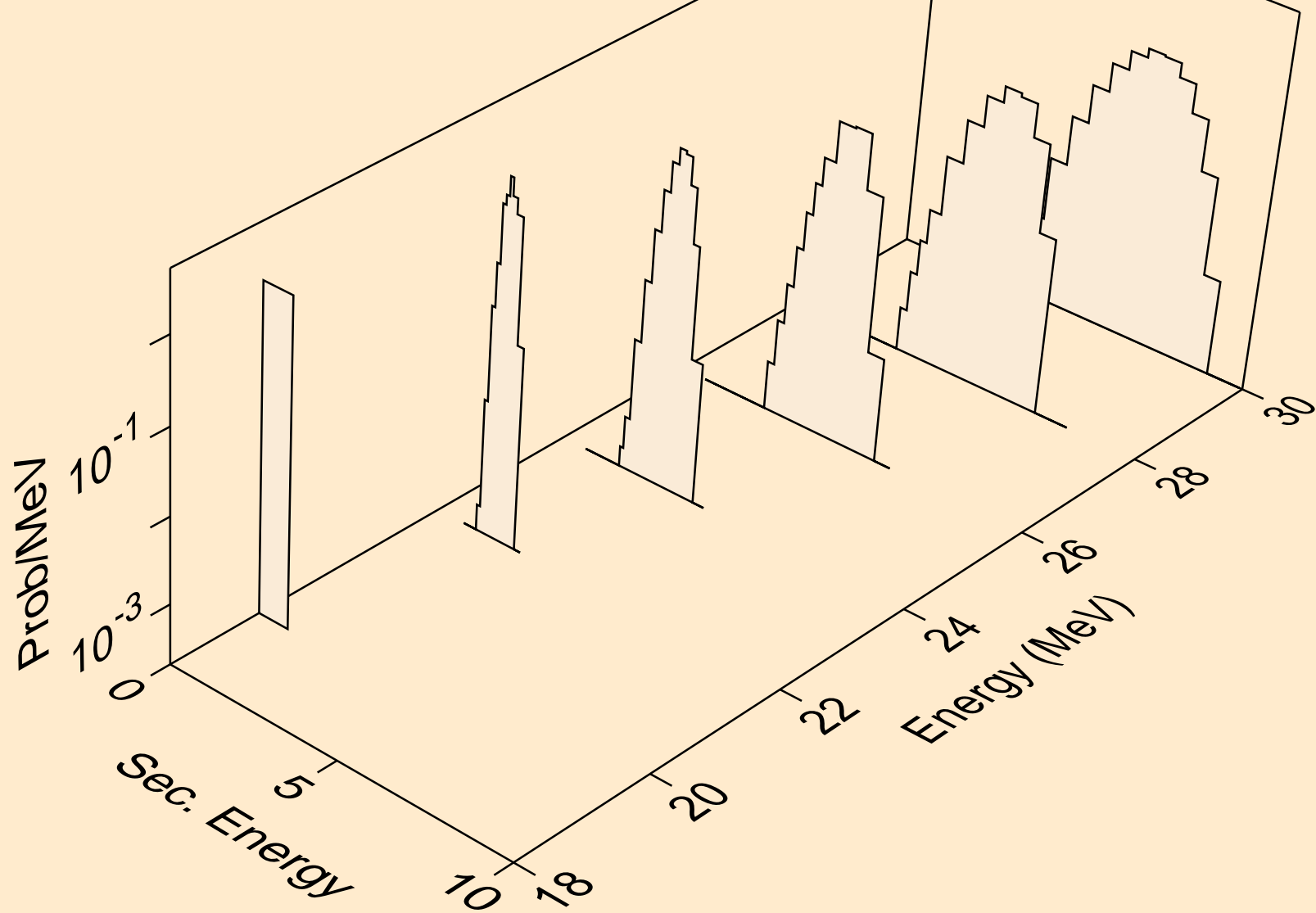
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alphas from (n,2n)a



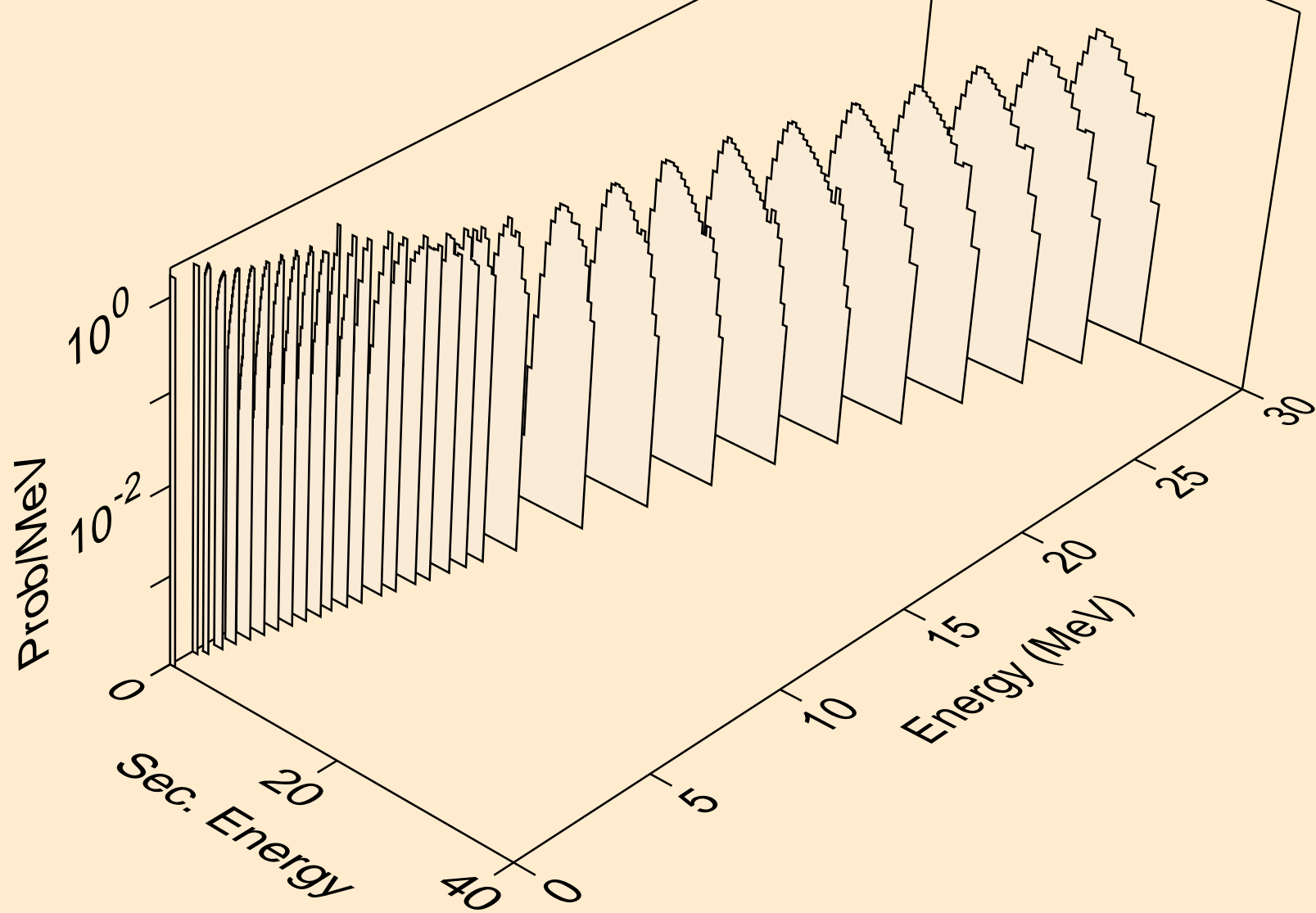
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alphas from (n,n\*)2a



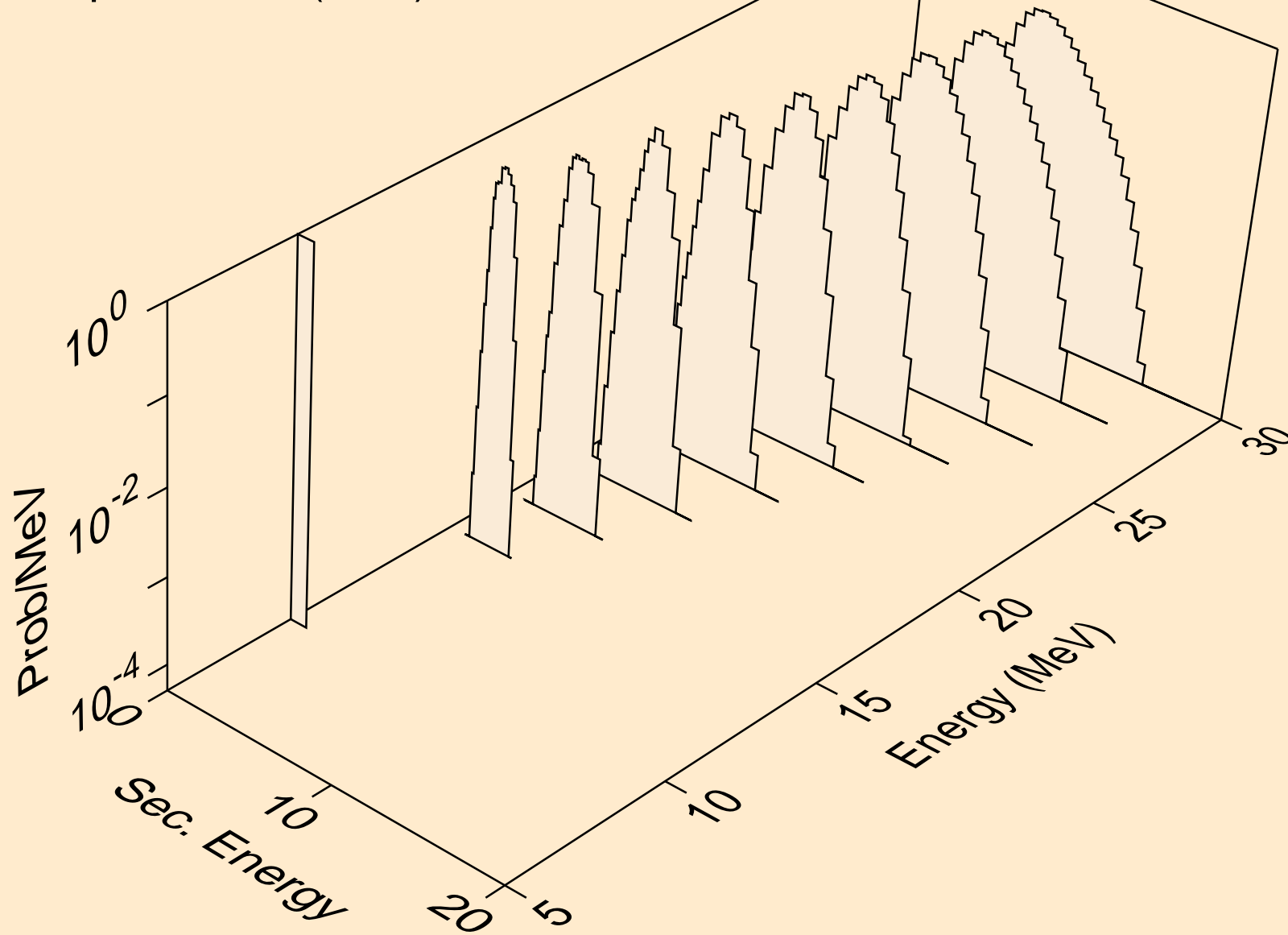
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alphas from (n,npa)



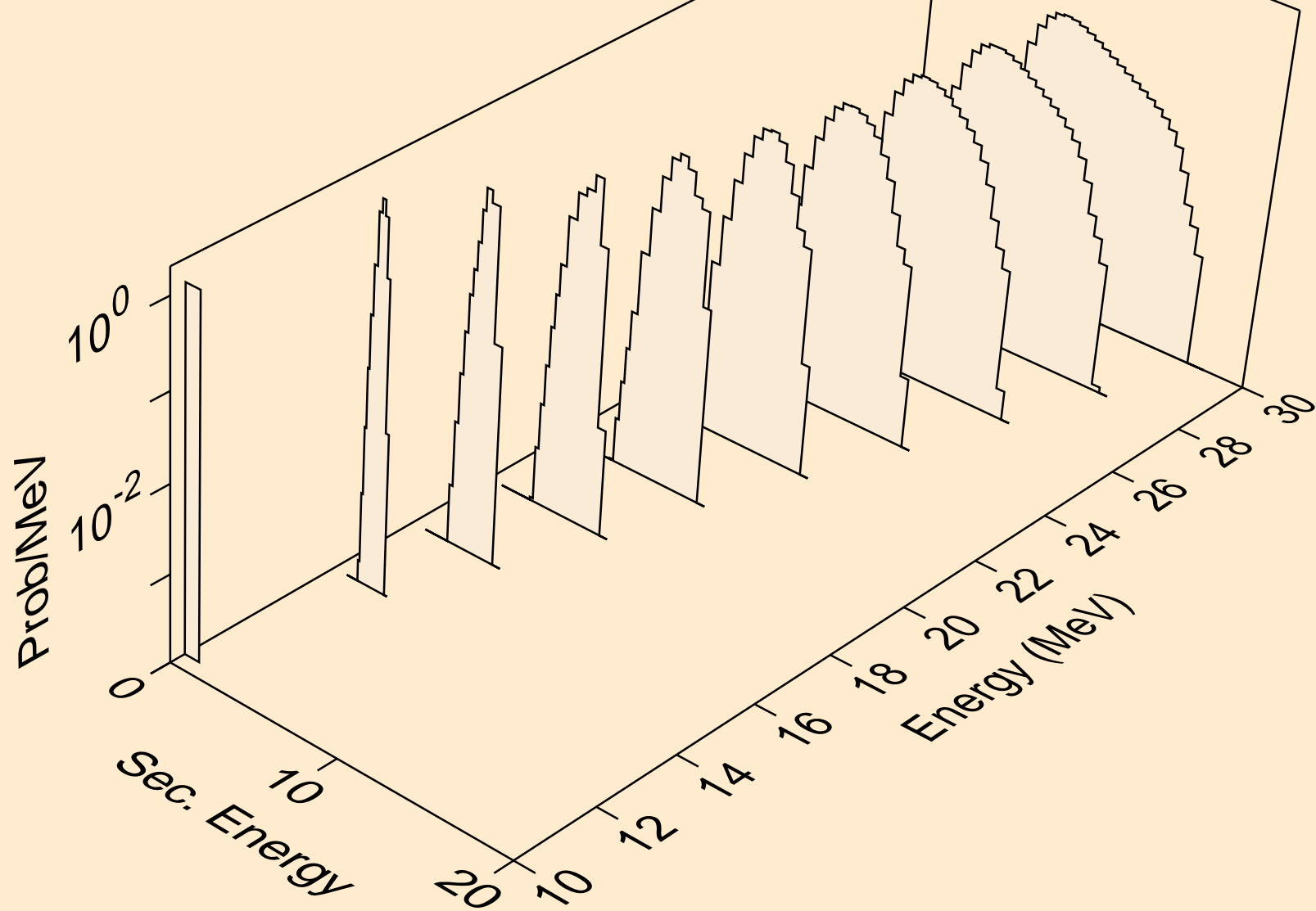
CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



CR050 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

