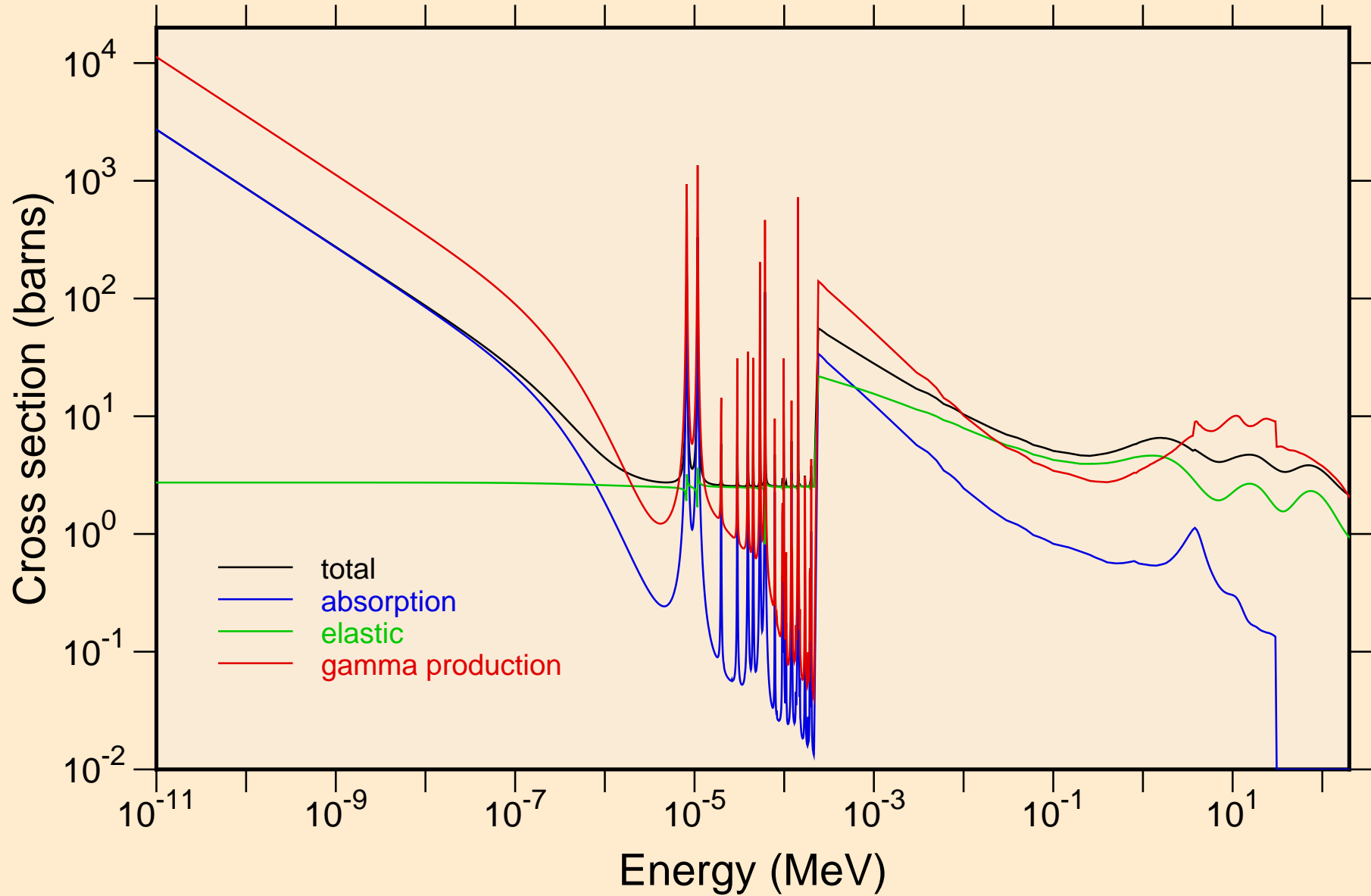
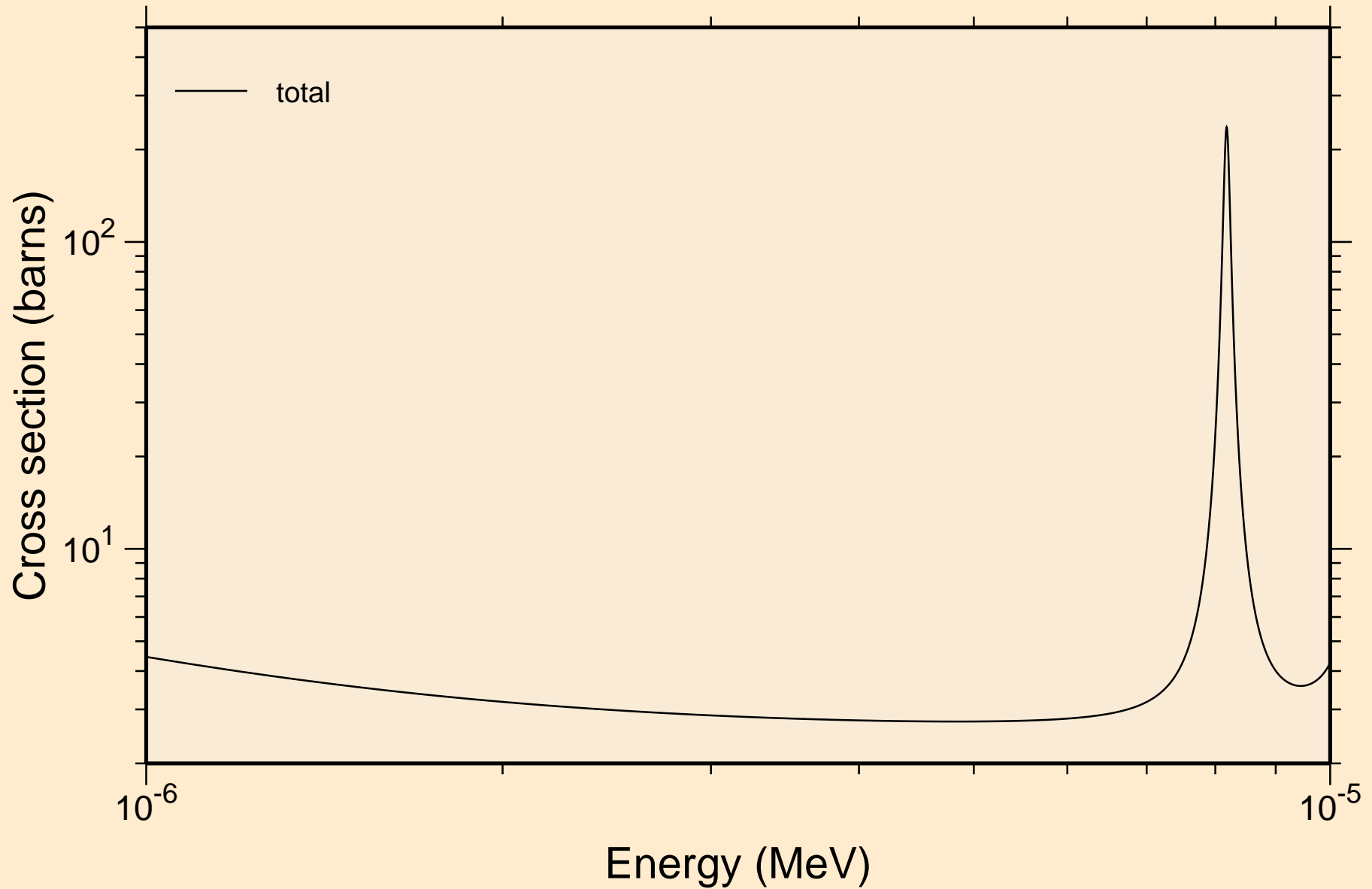


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

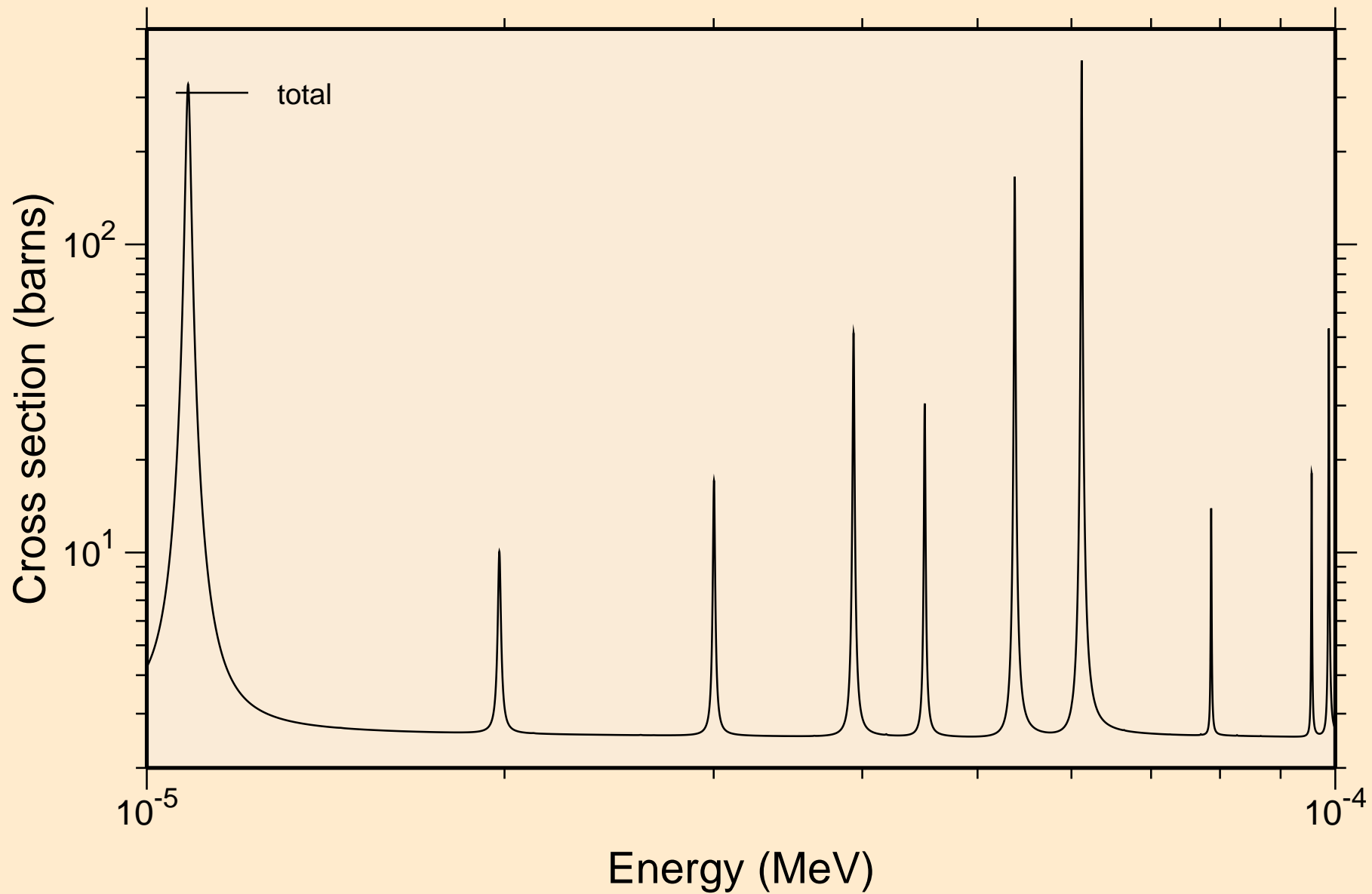
## Principal cross sections



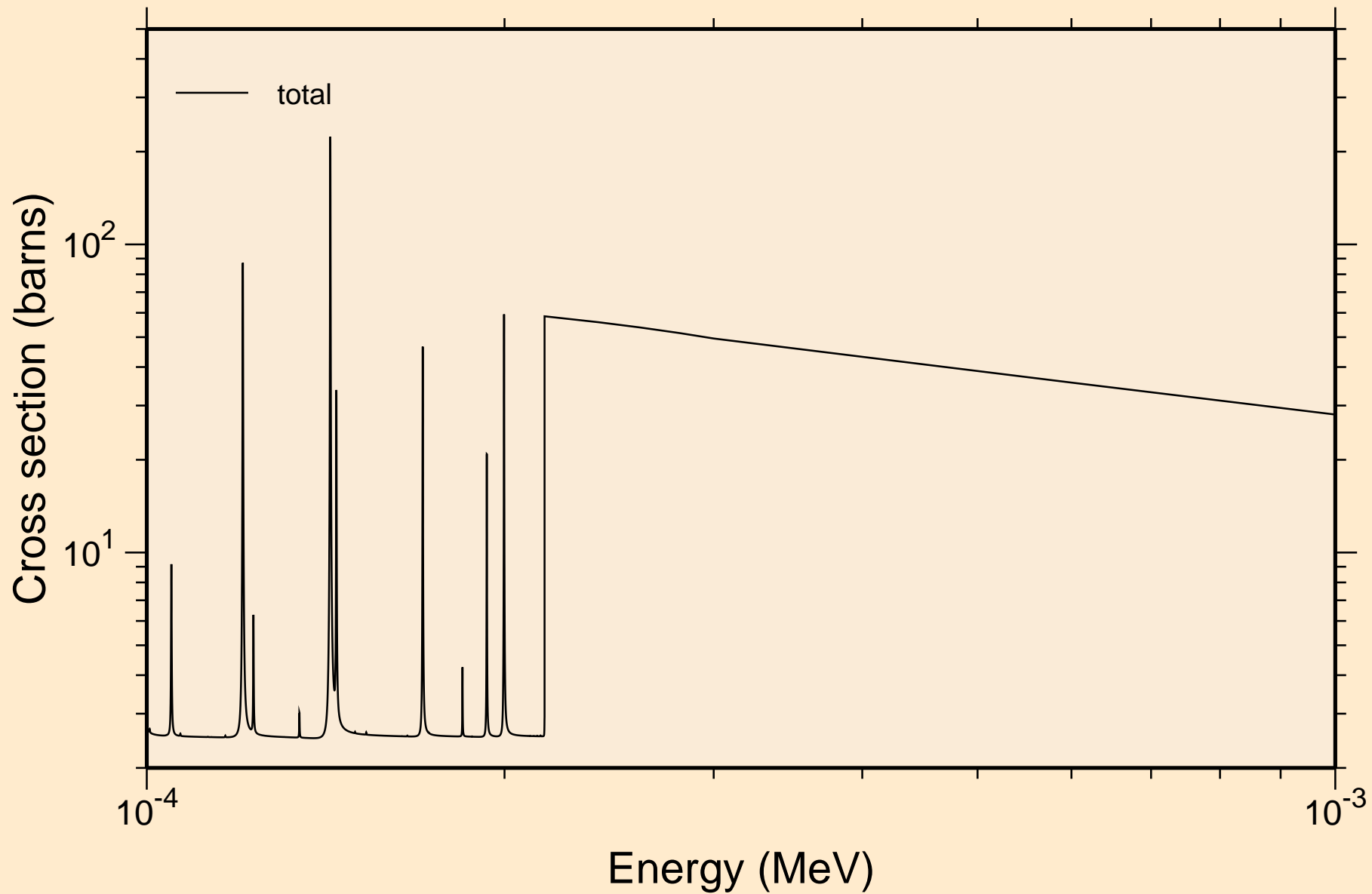
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



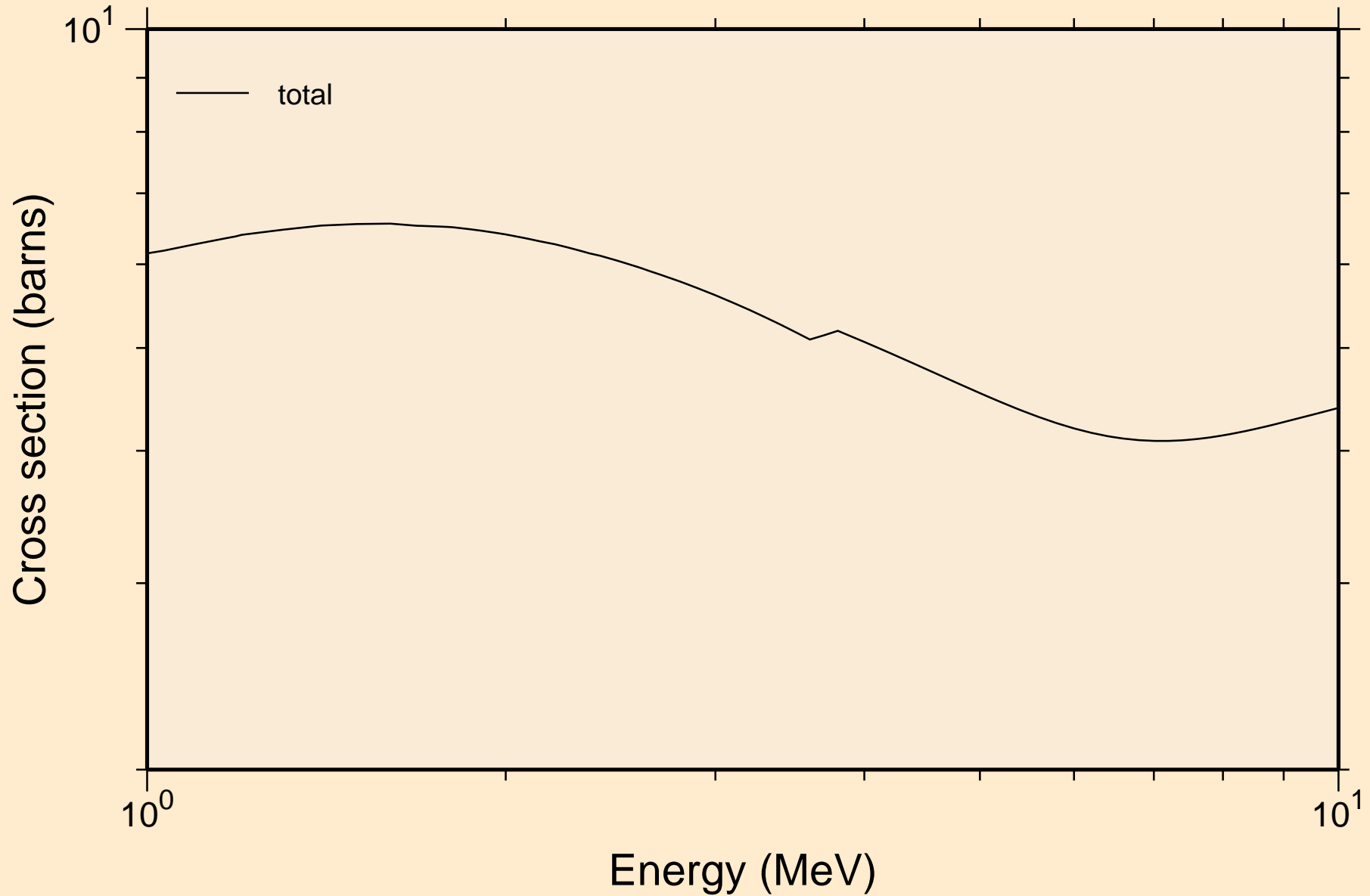
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



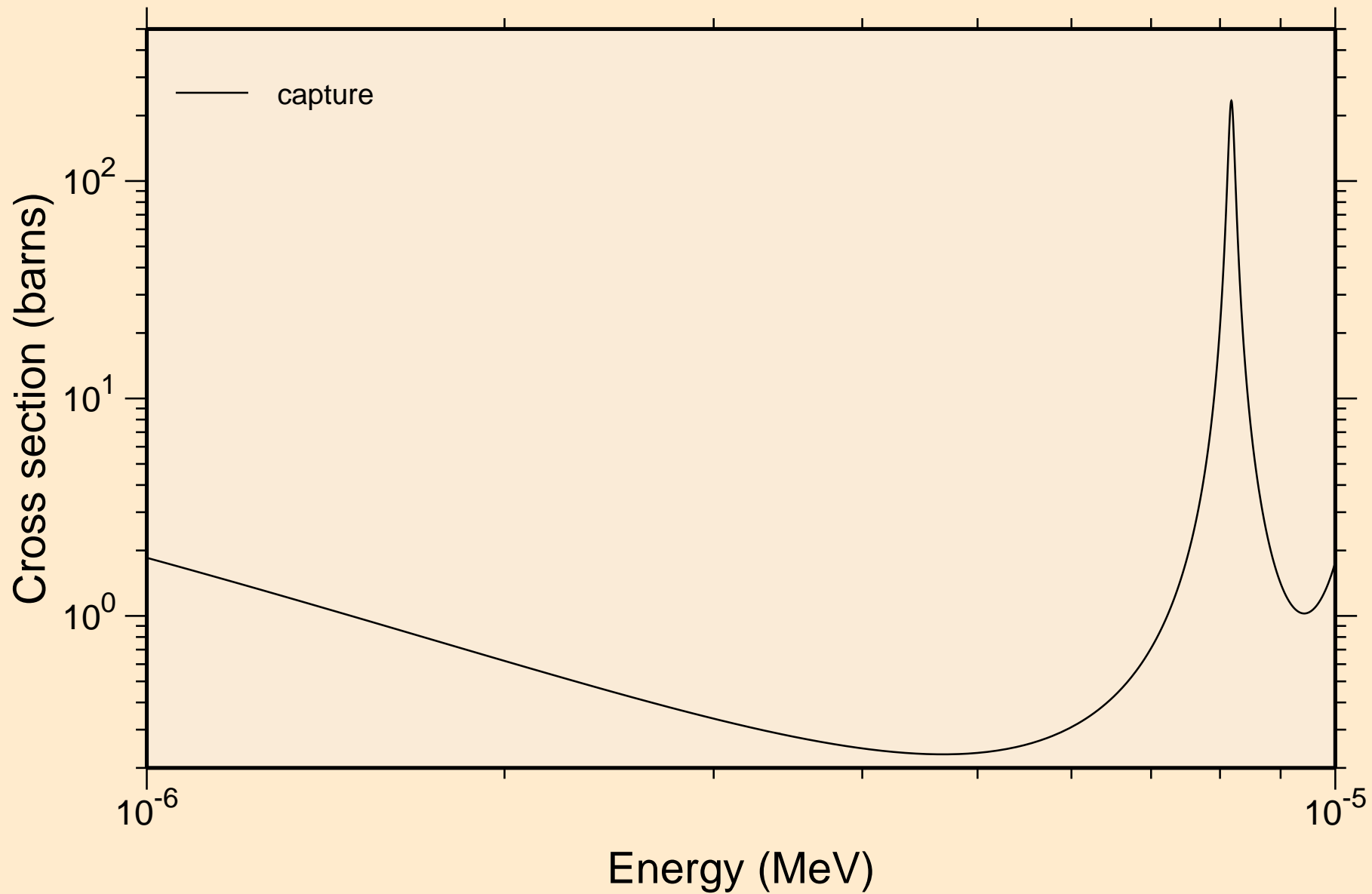
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



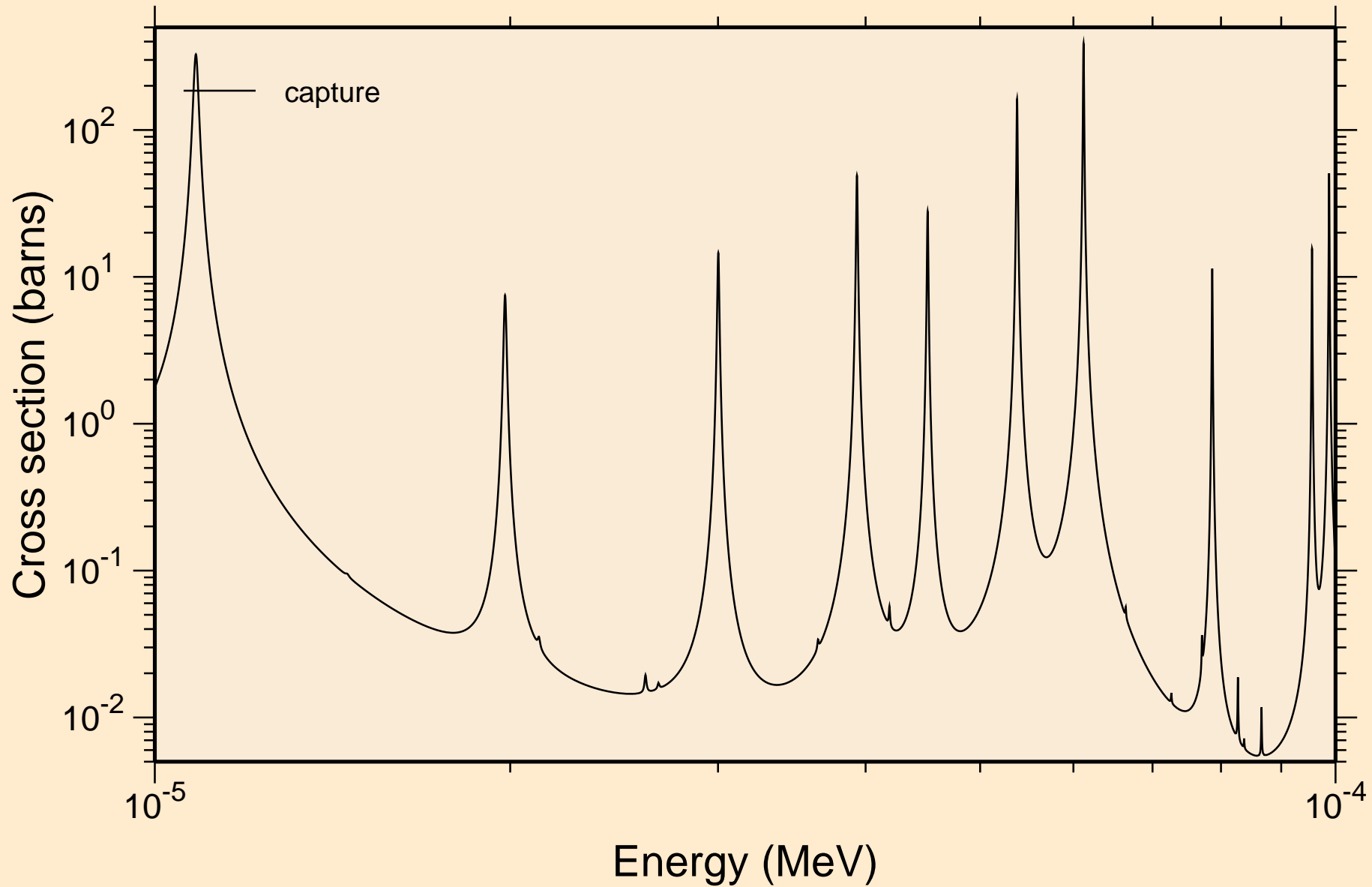
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



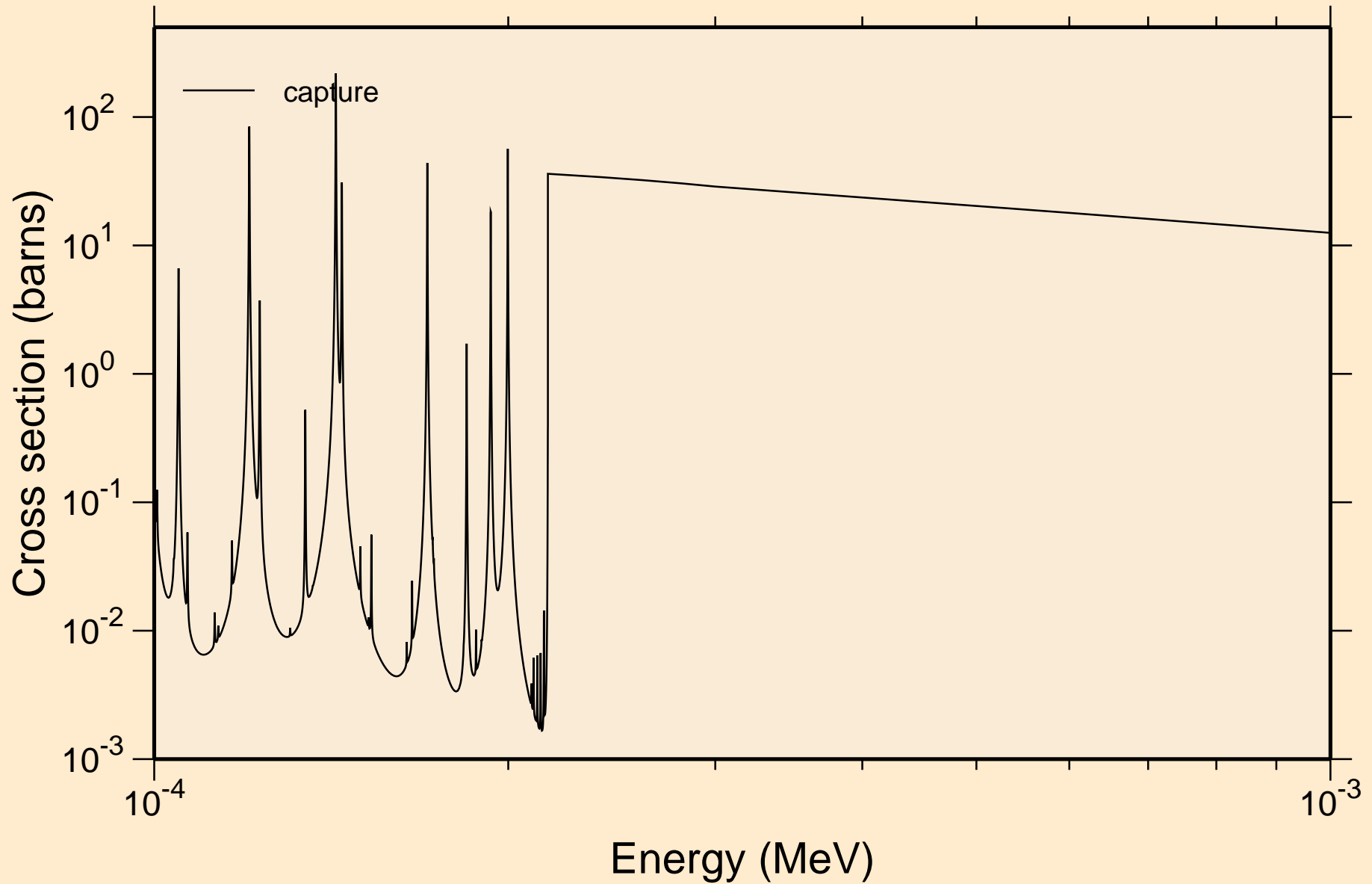
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

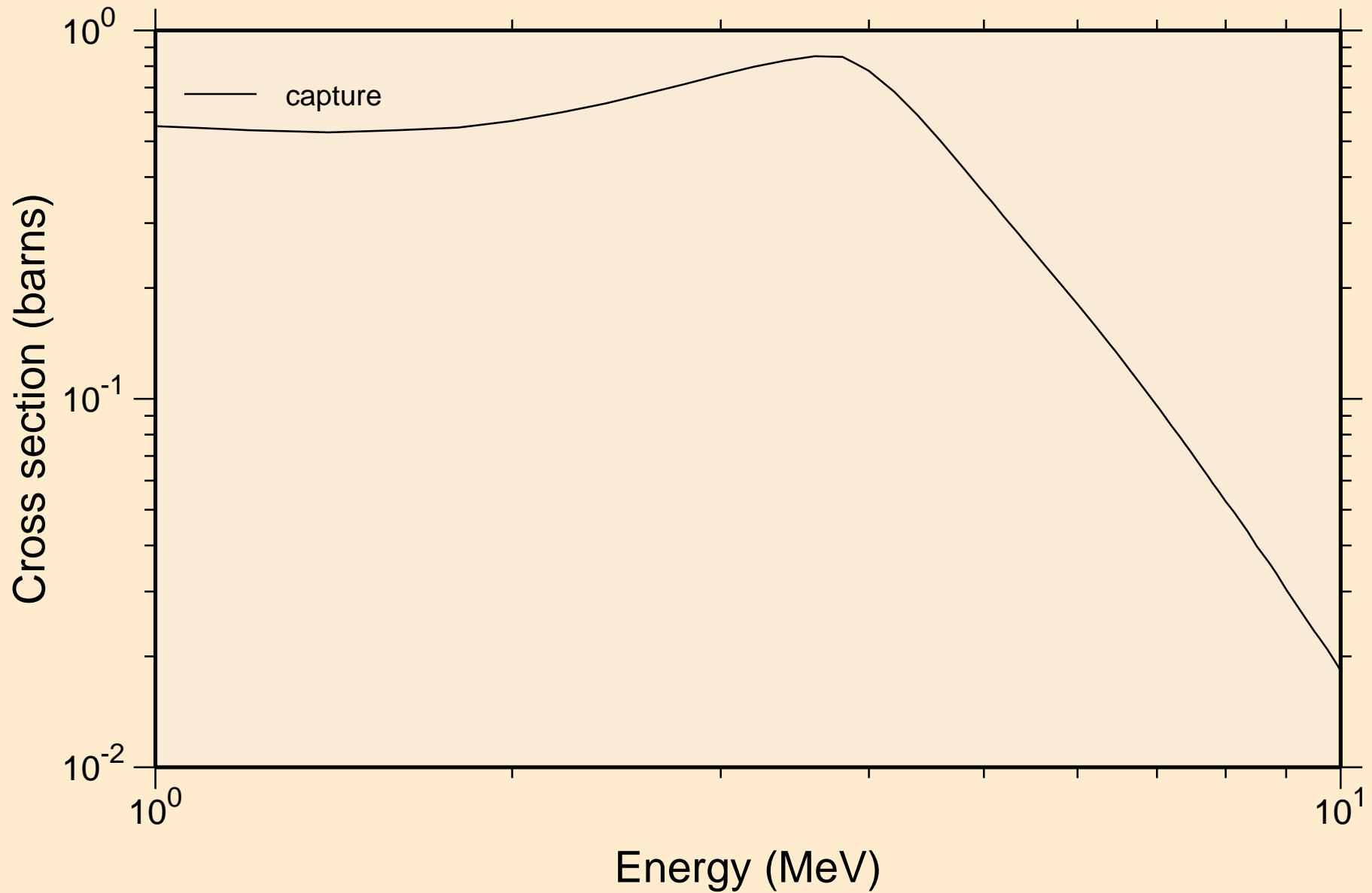


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



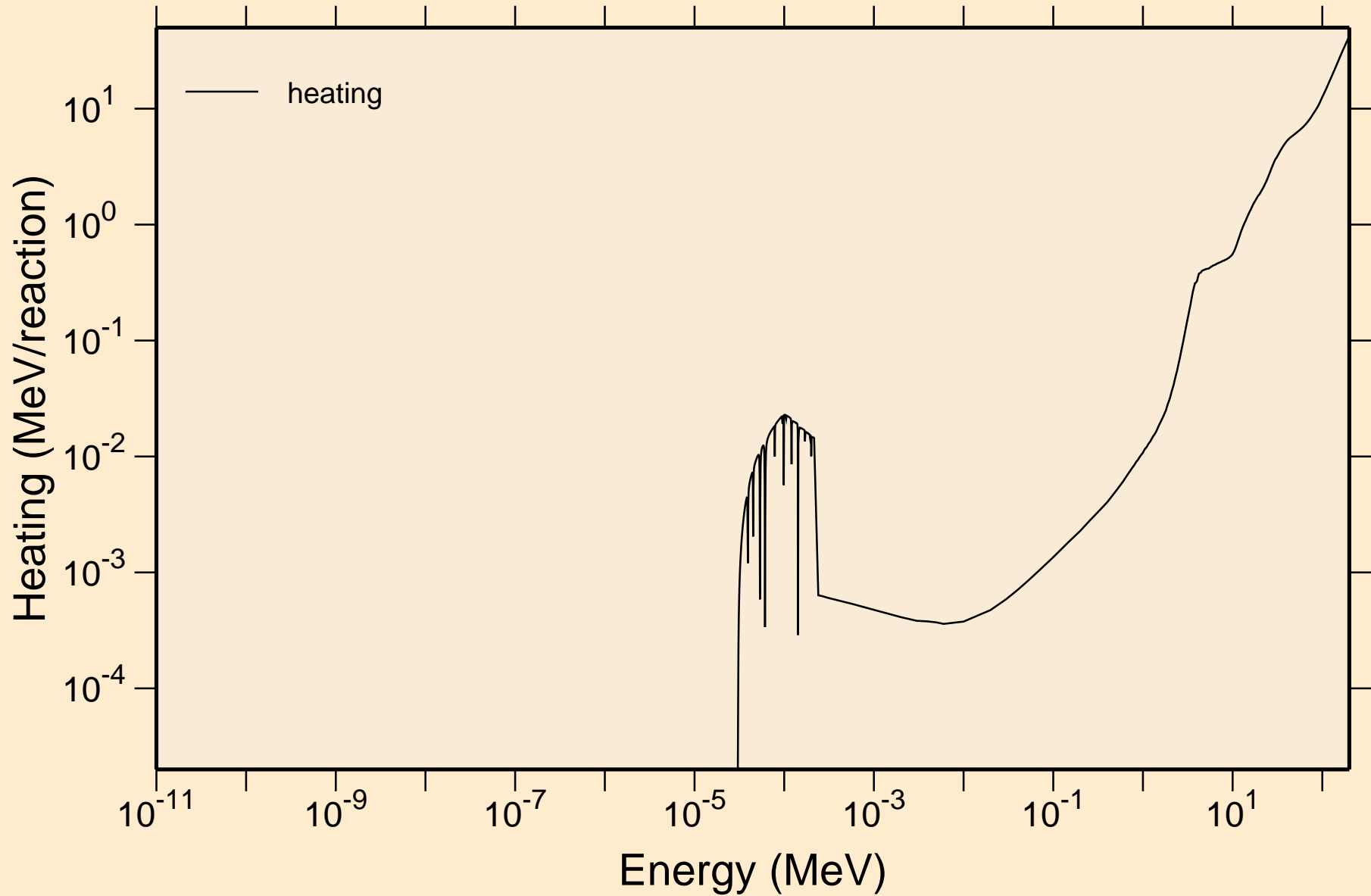


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



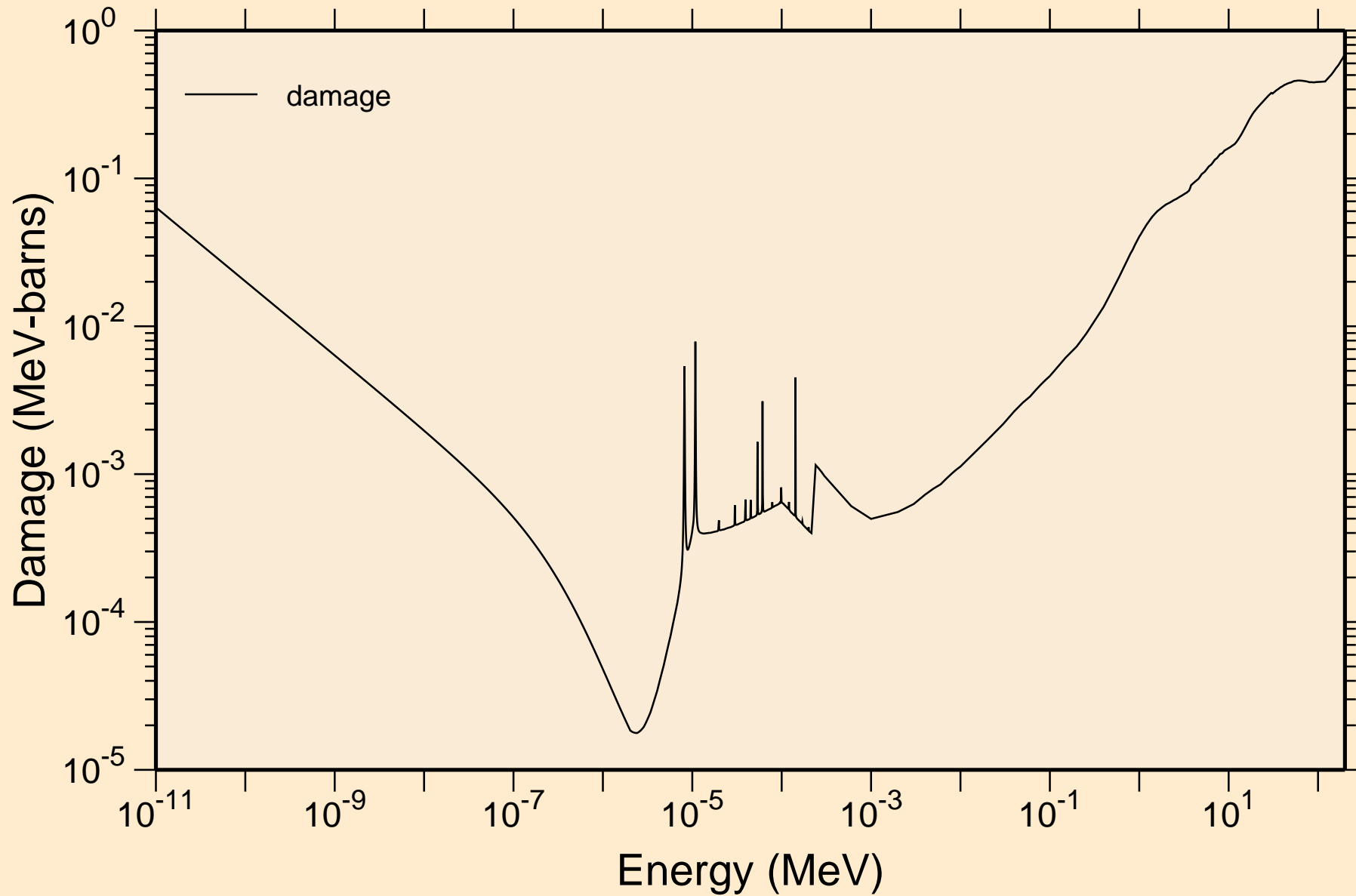
# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



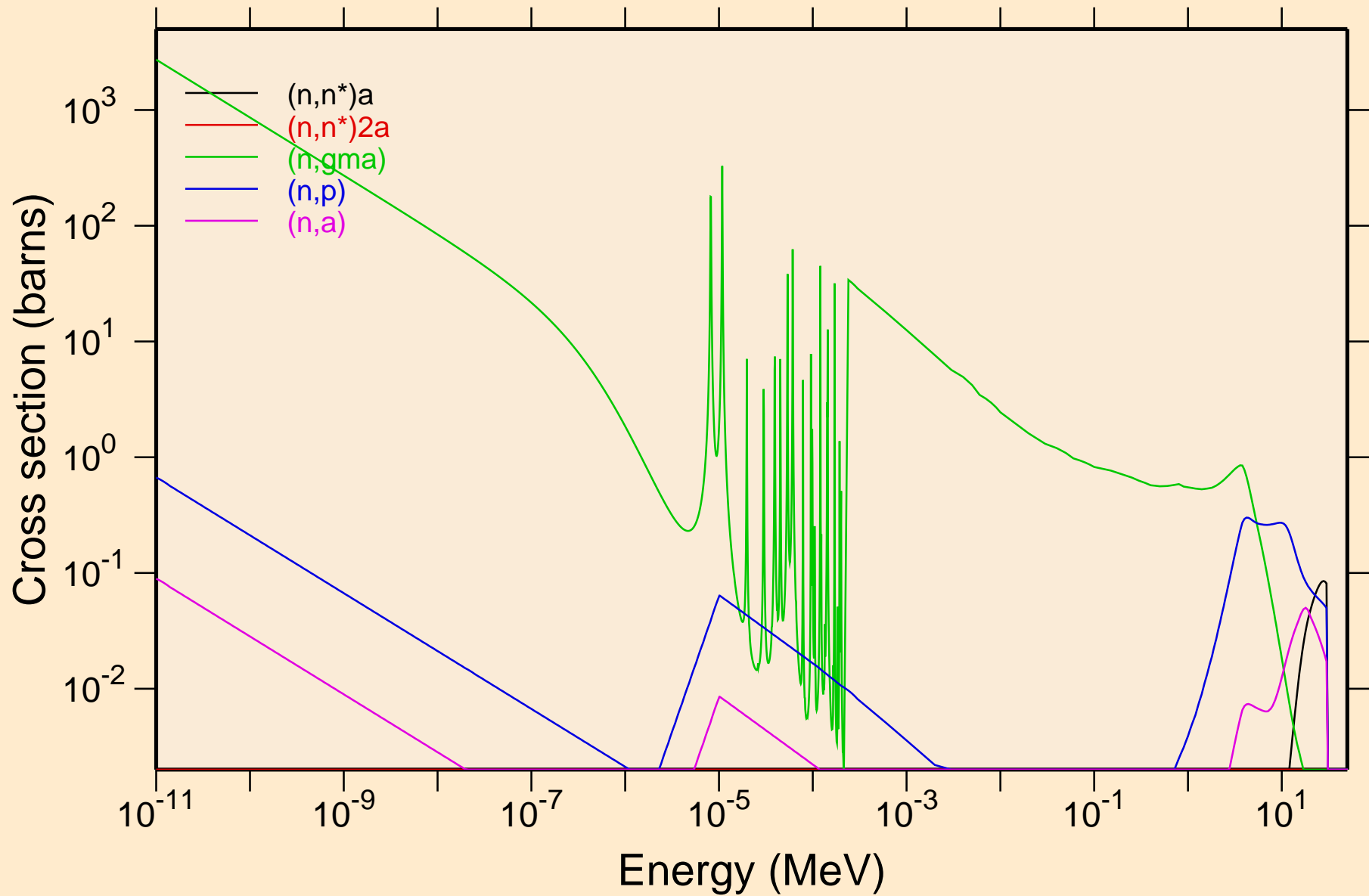
# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

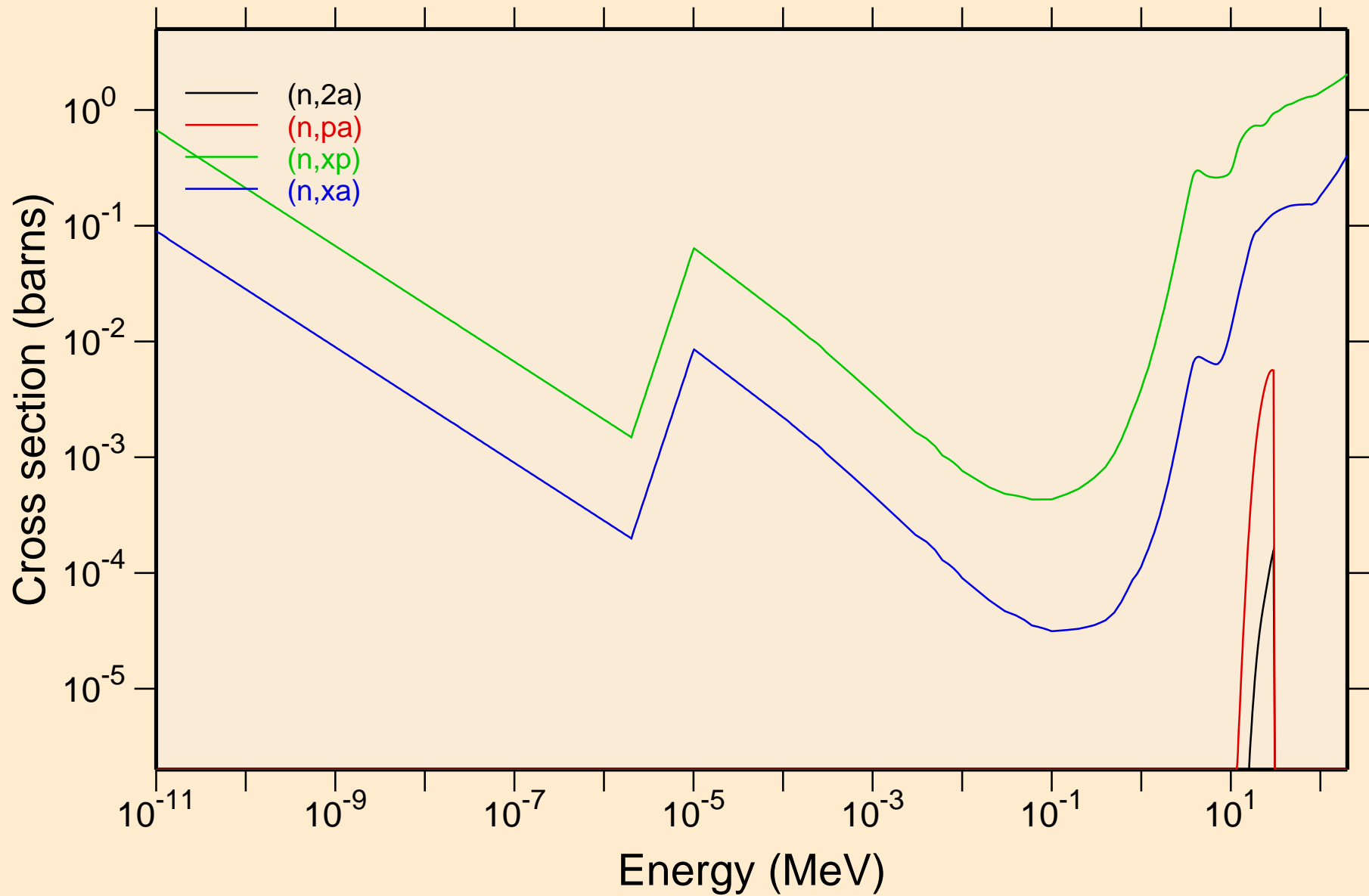


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

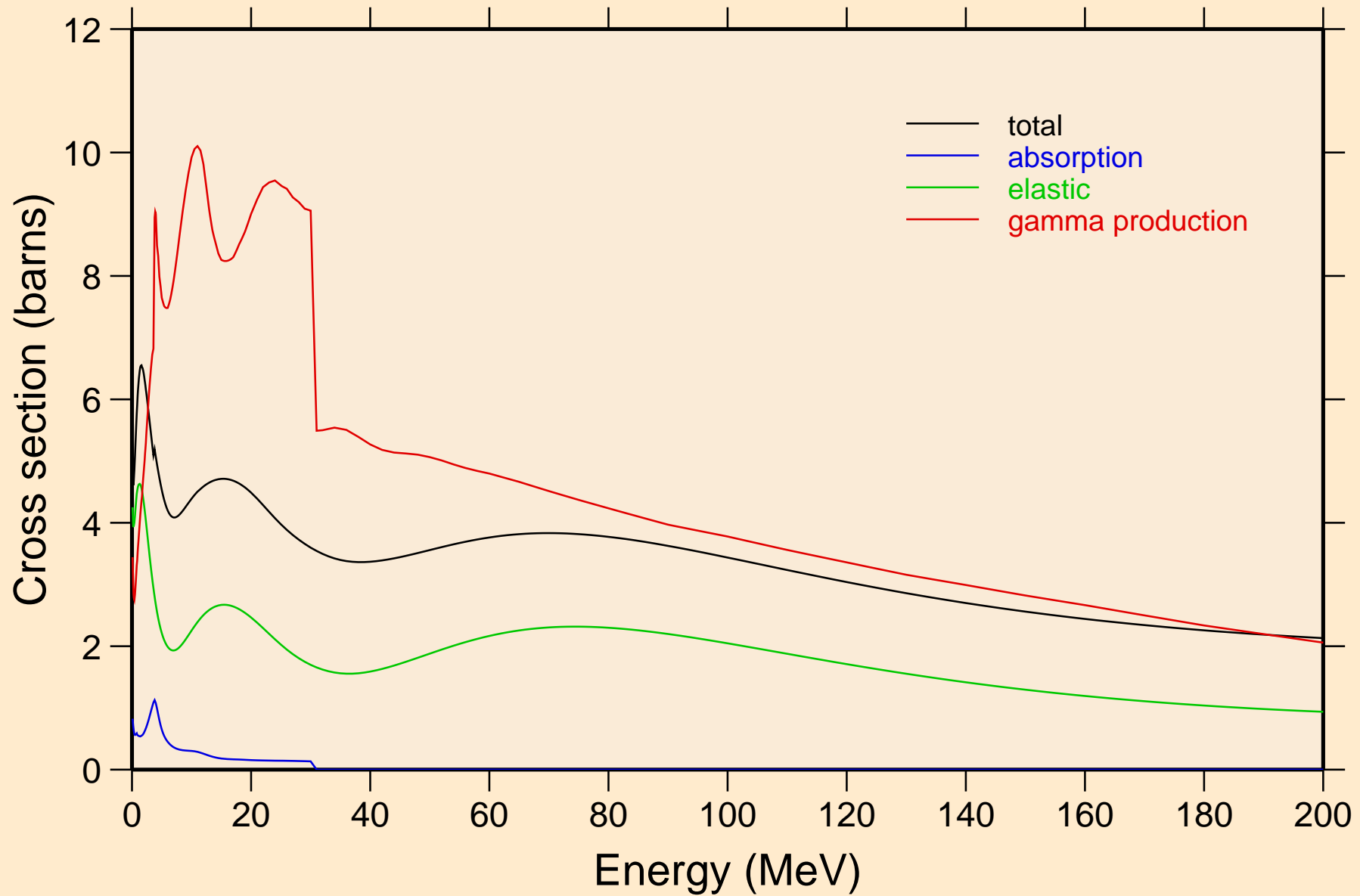


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



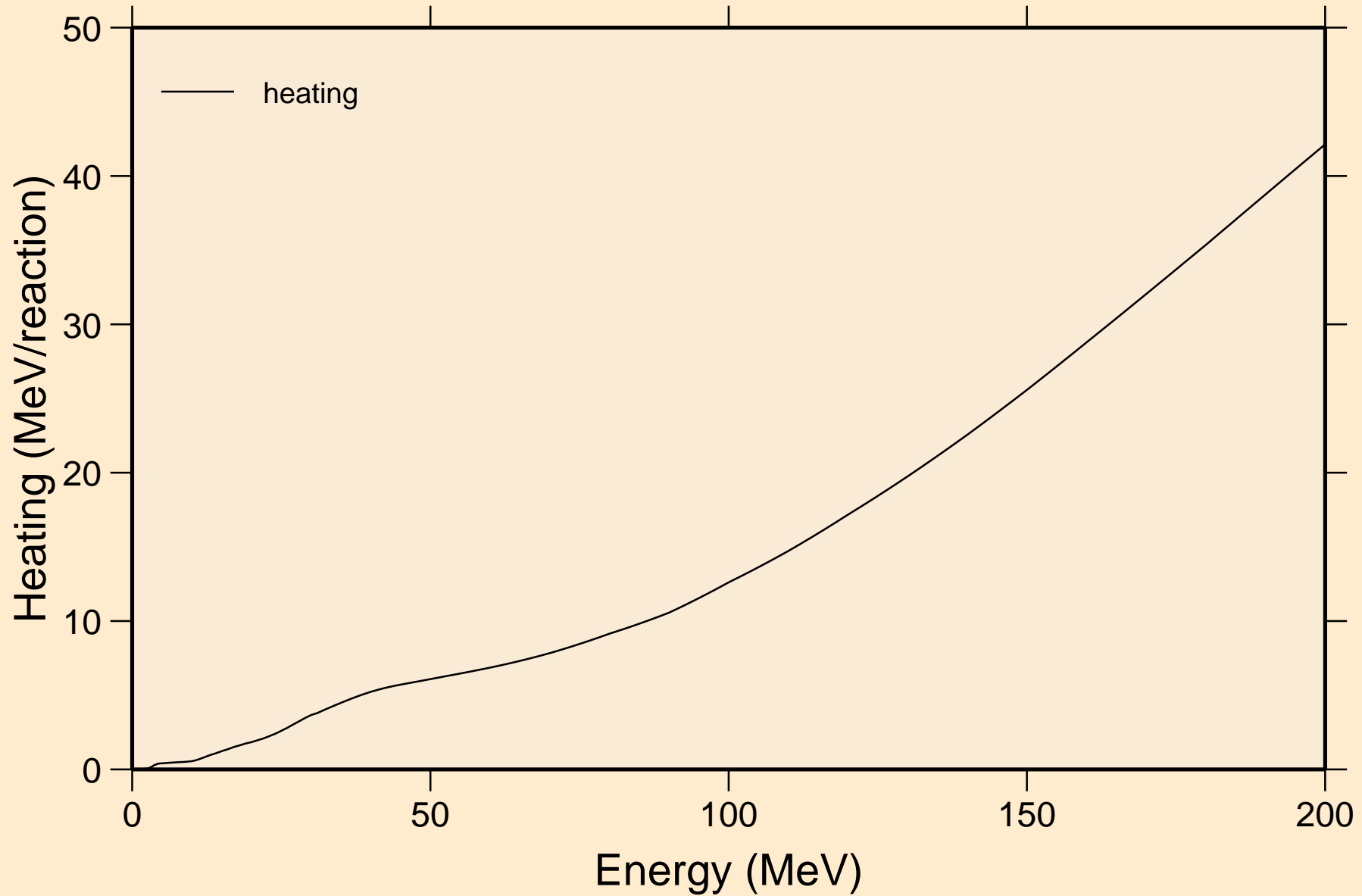
# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



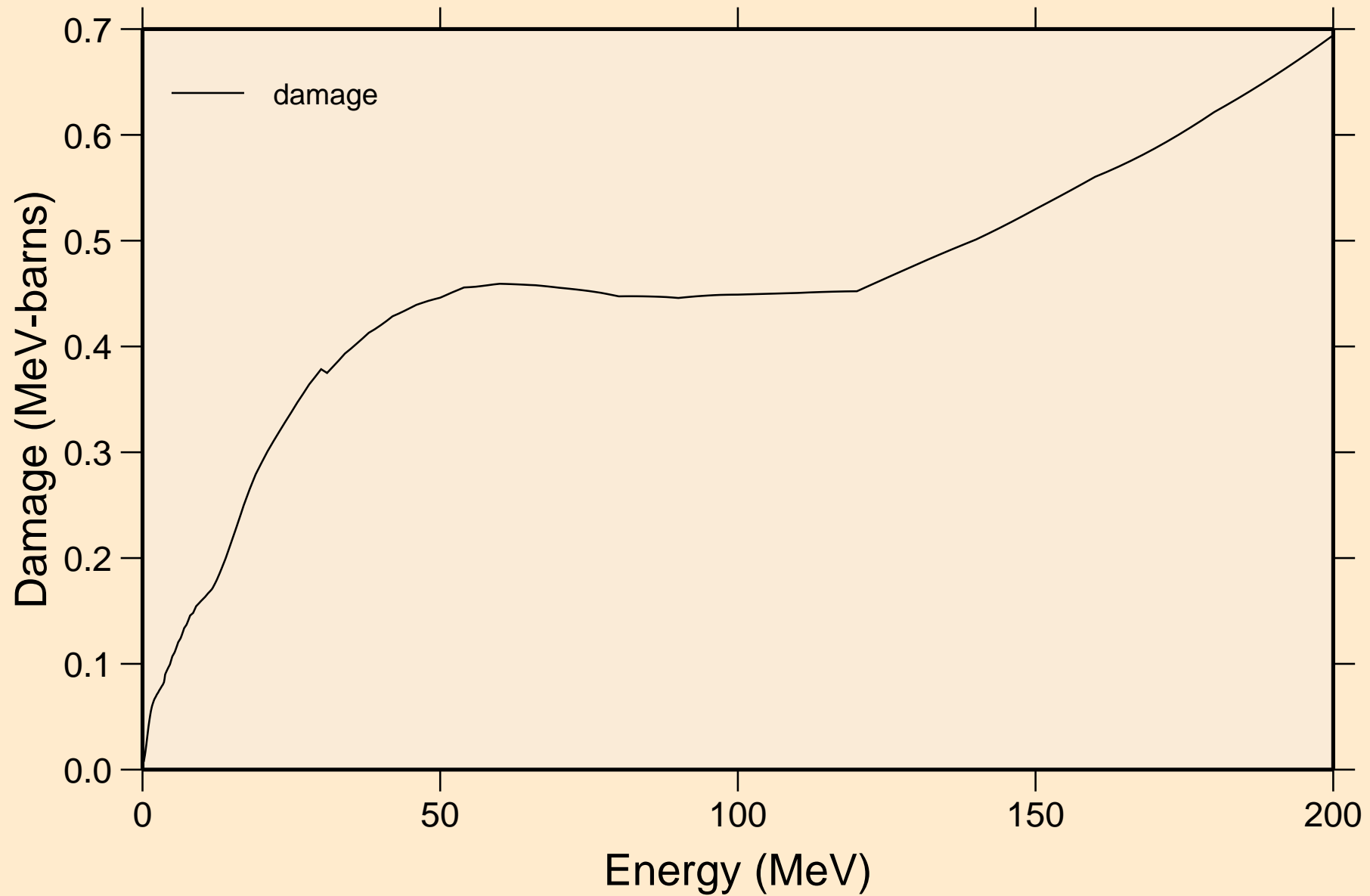
# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

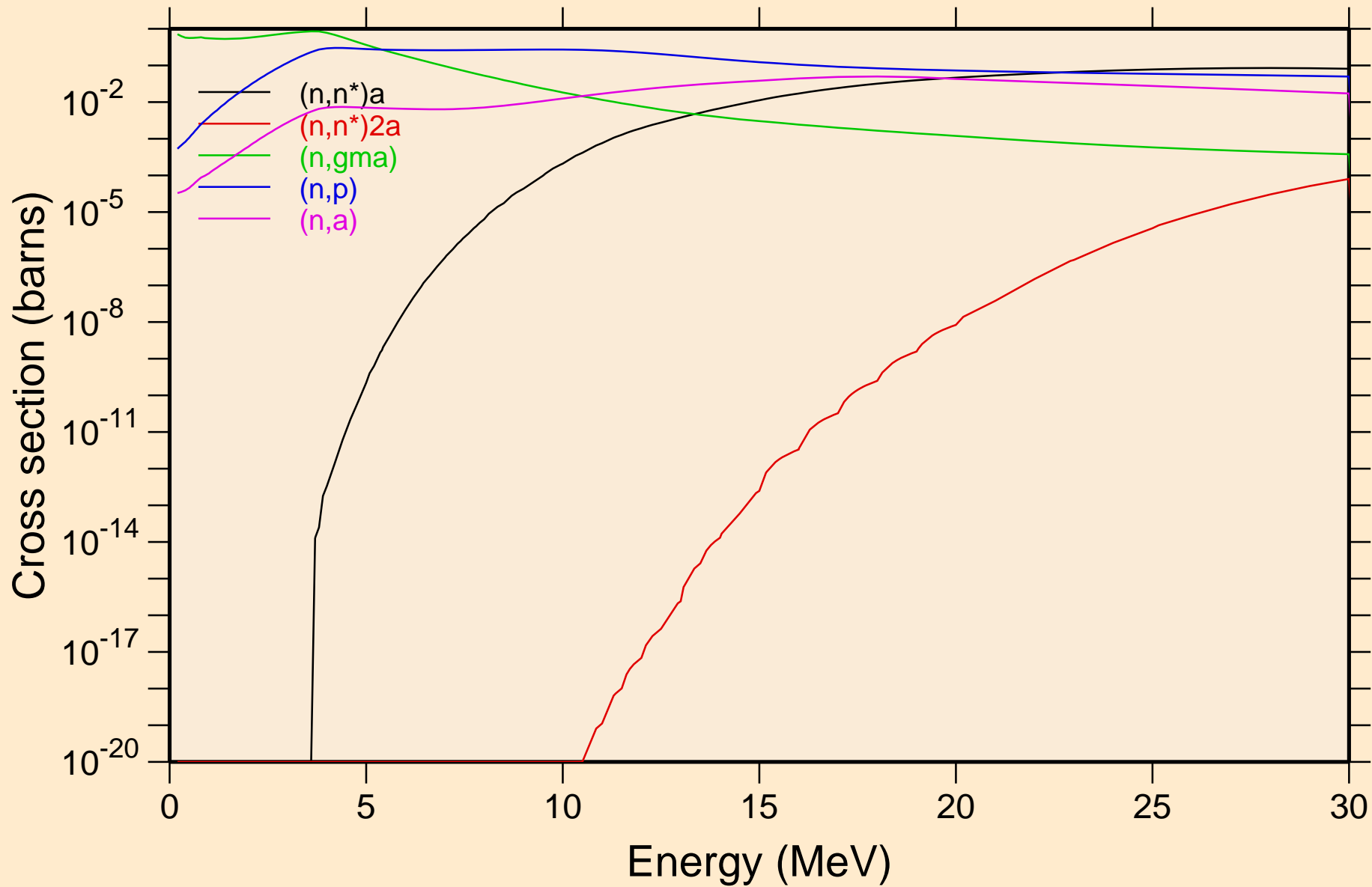
## Damage



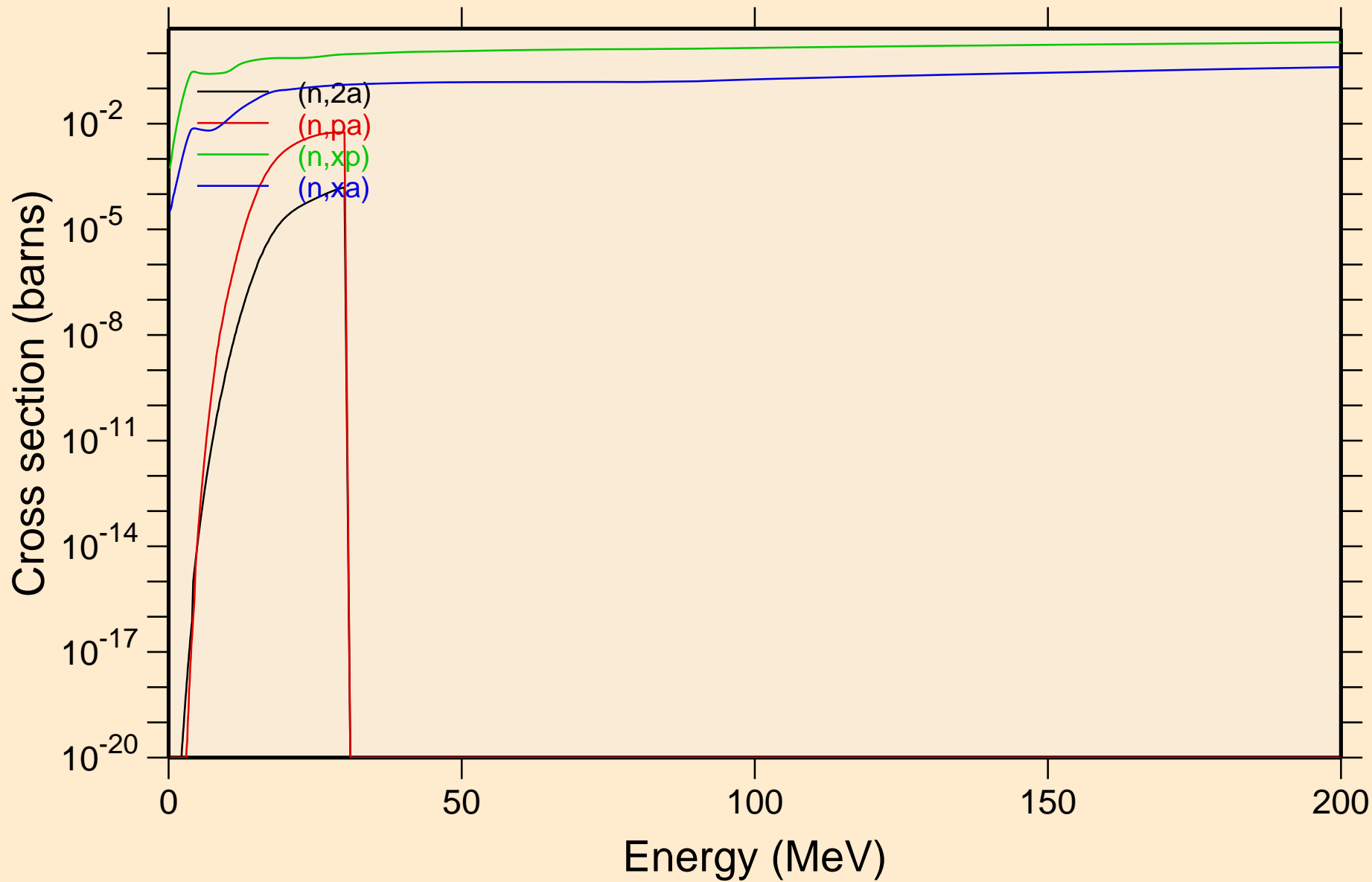


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

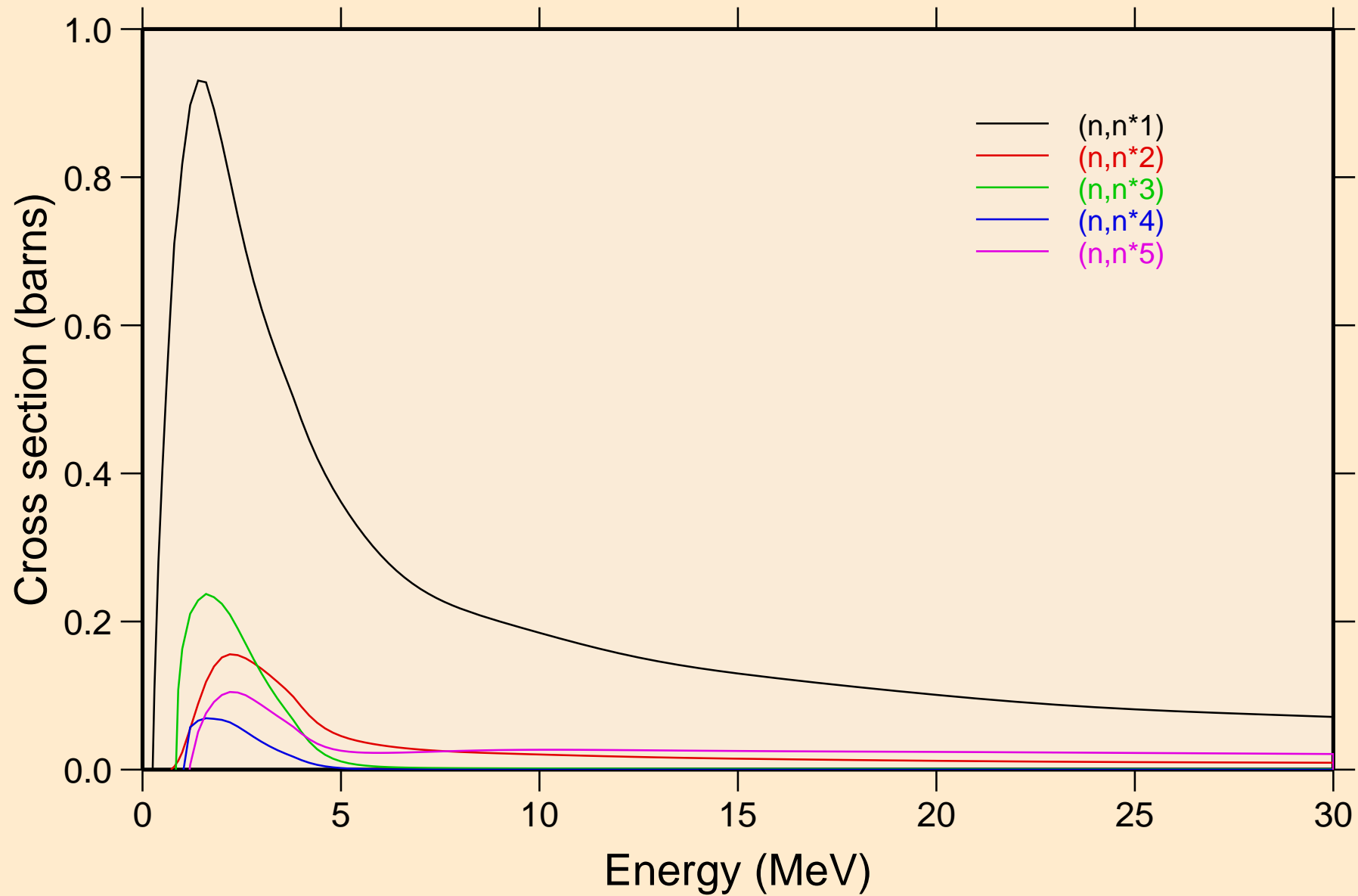
## Non-threshold reactions



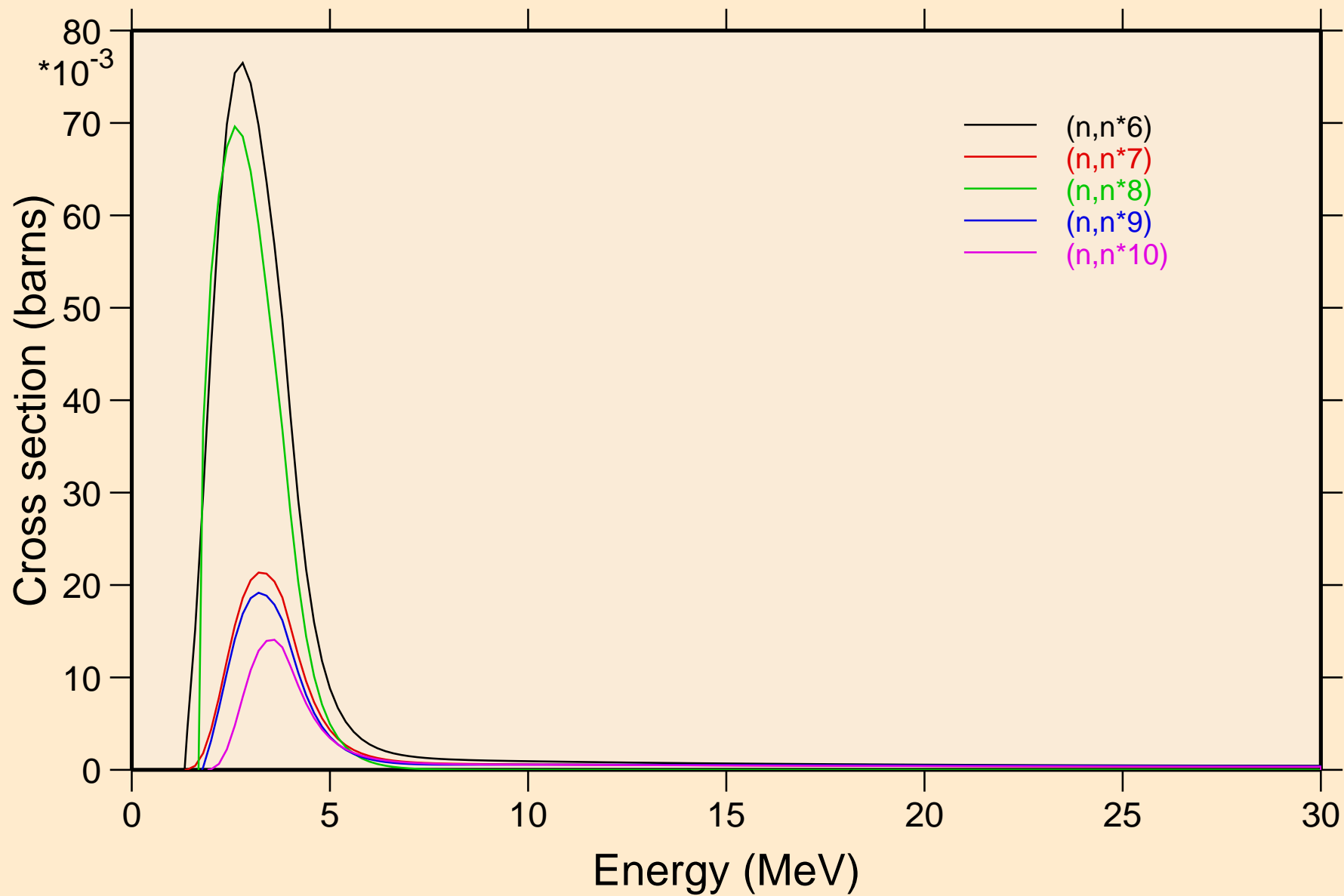
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



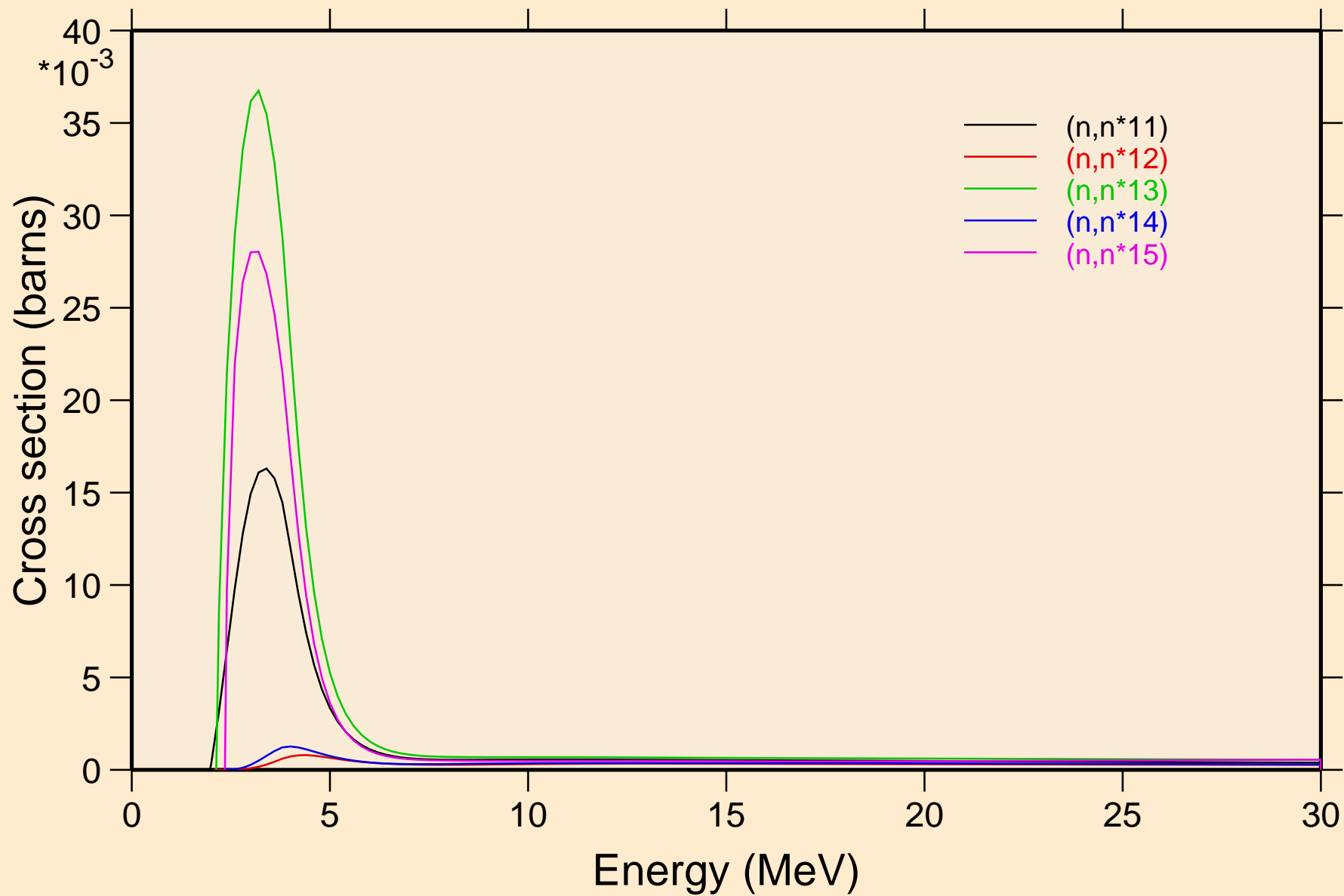
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



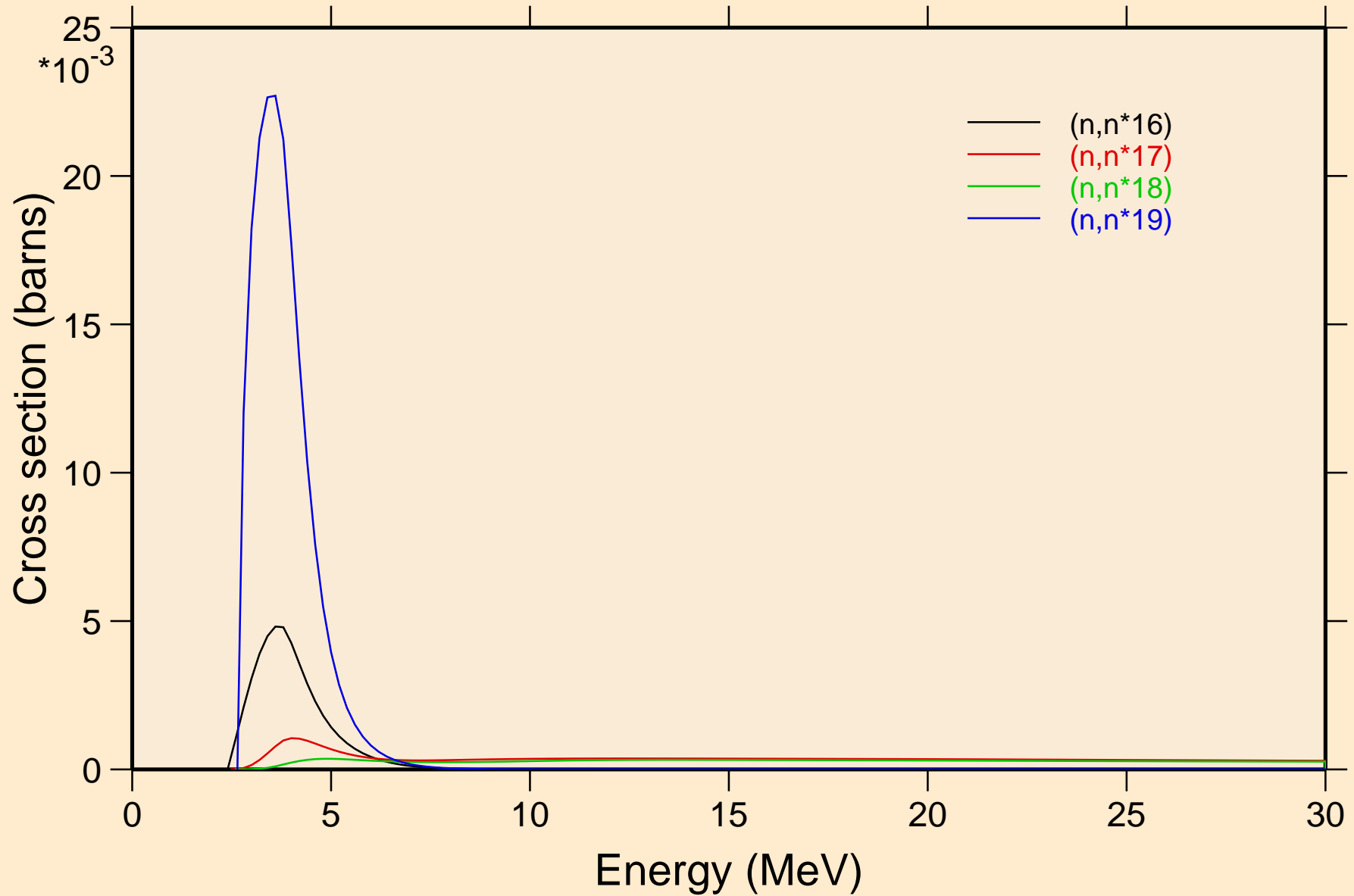
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

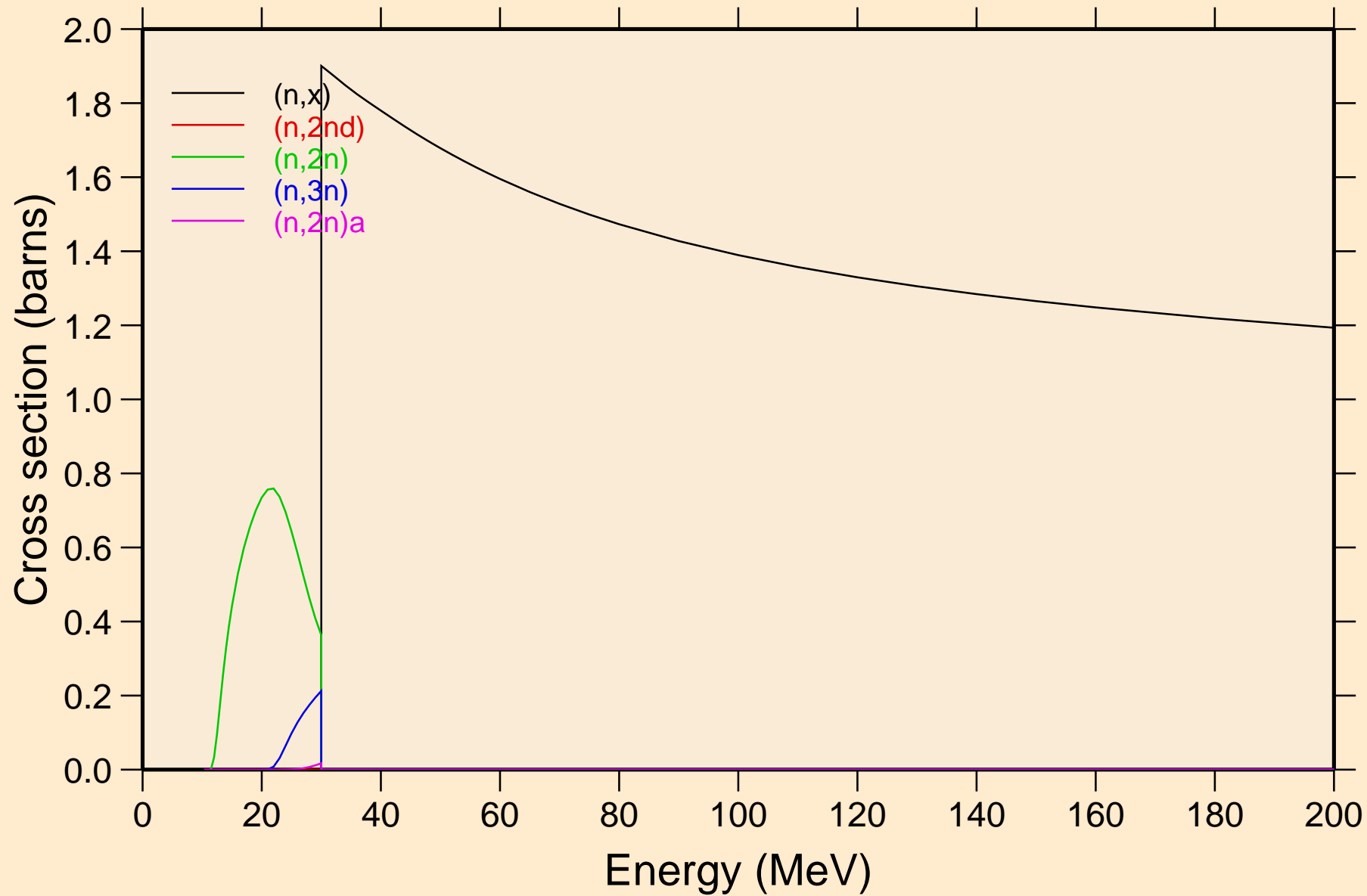


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



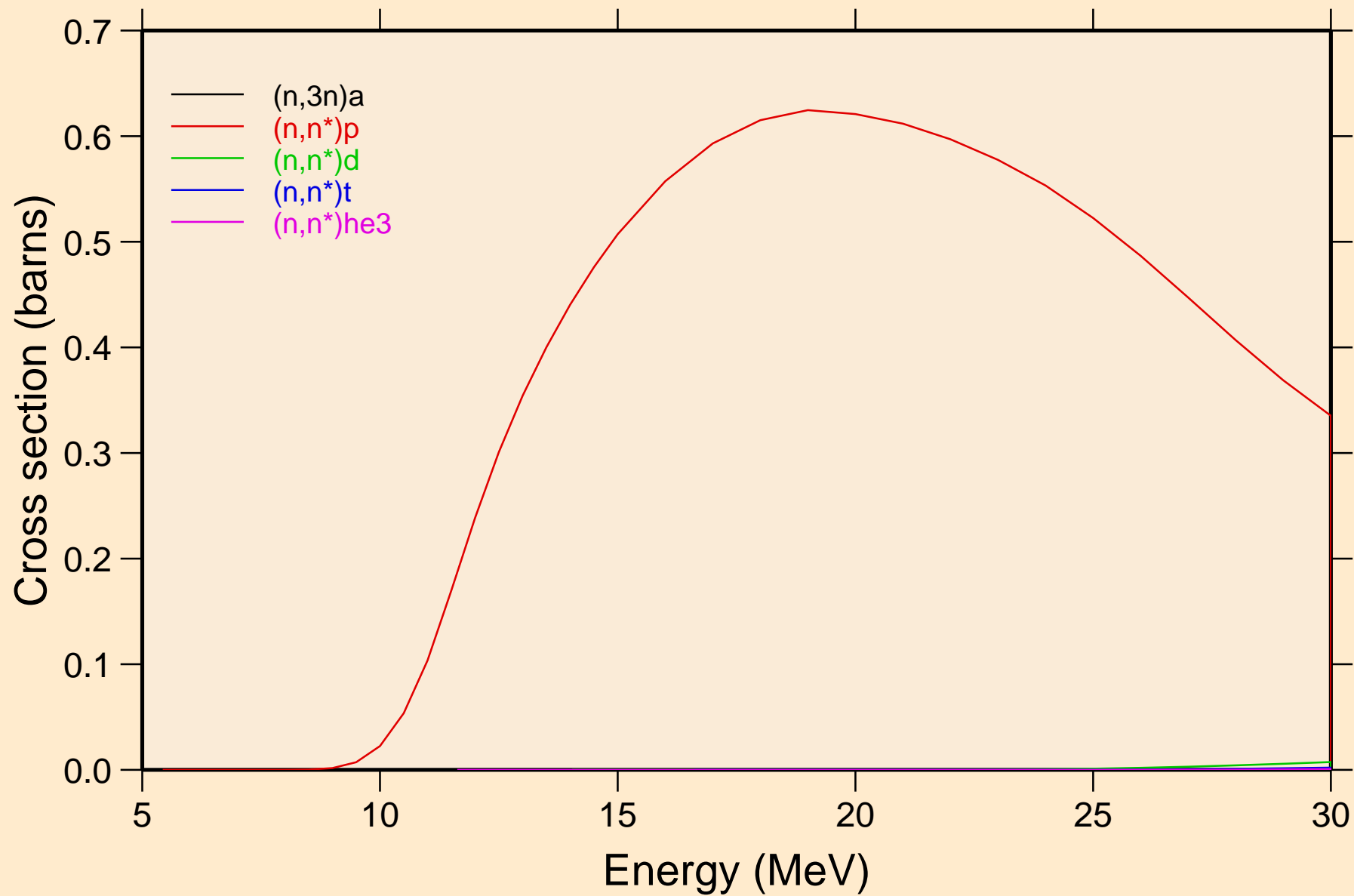
# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

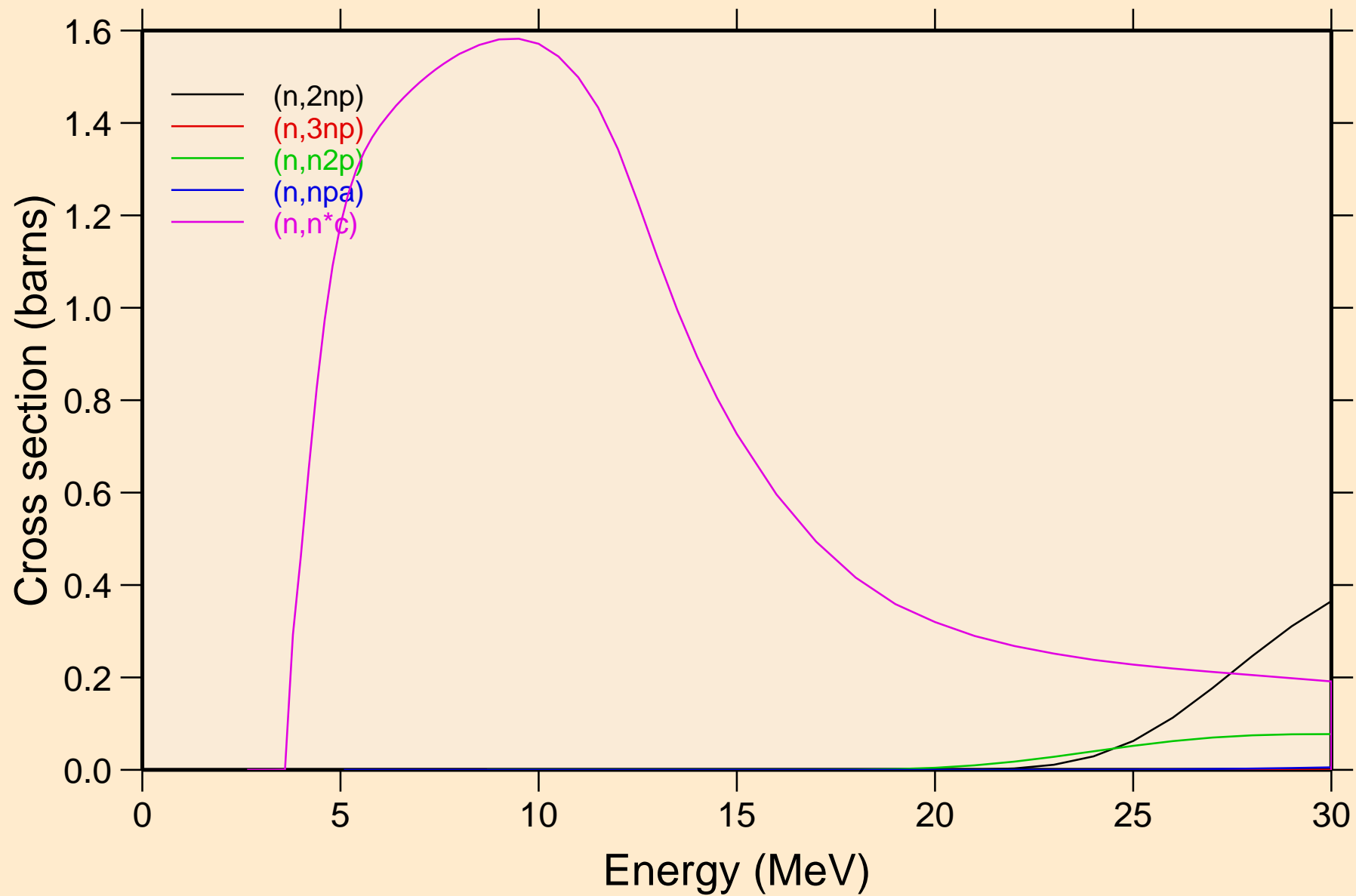
## Threshold reactions



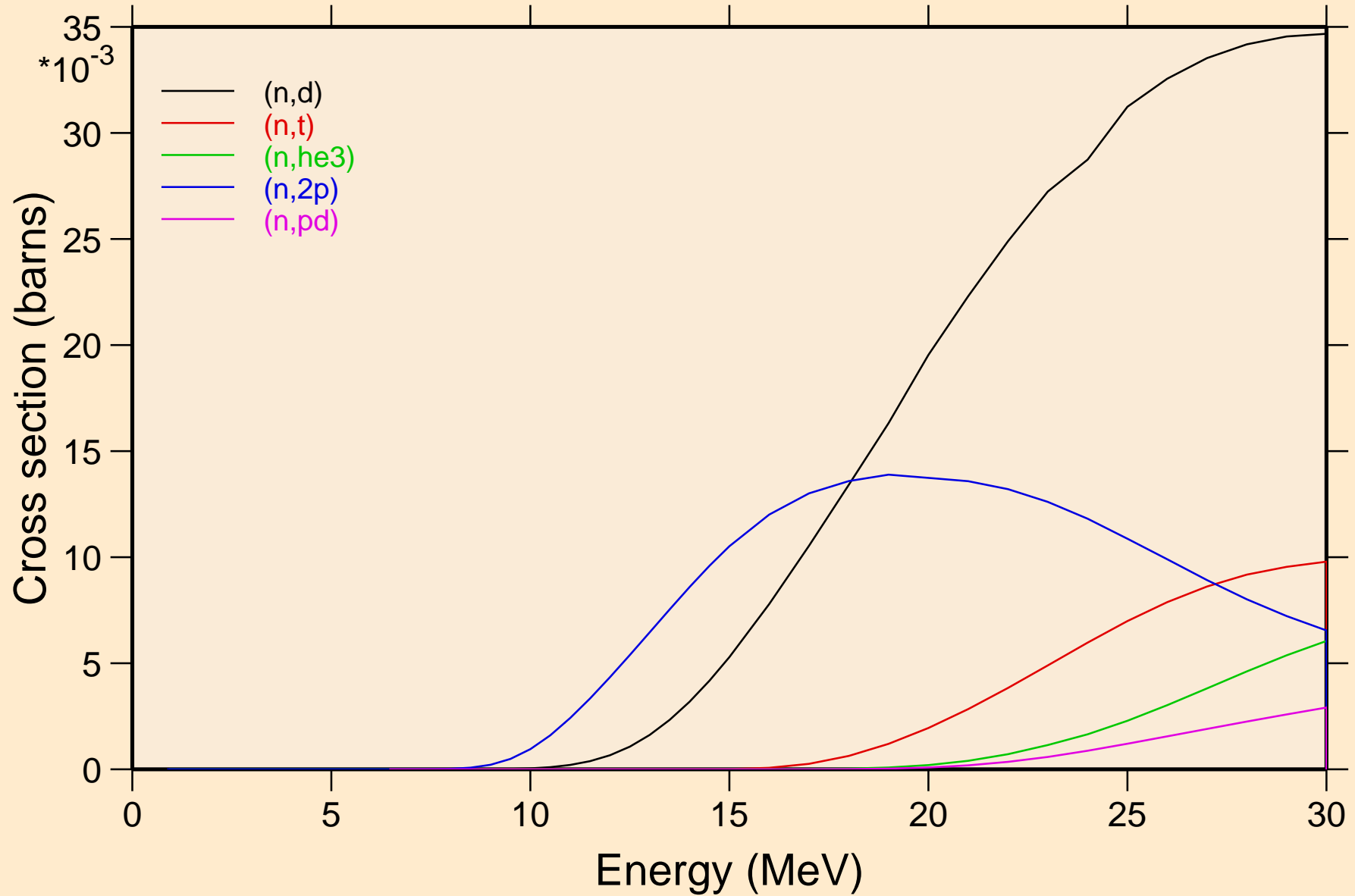


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

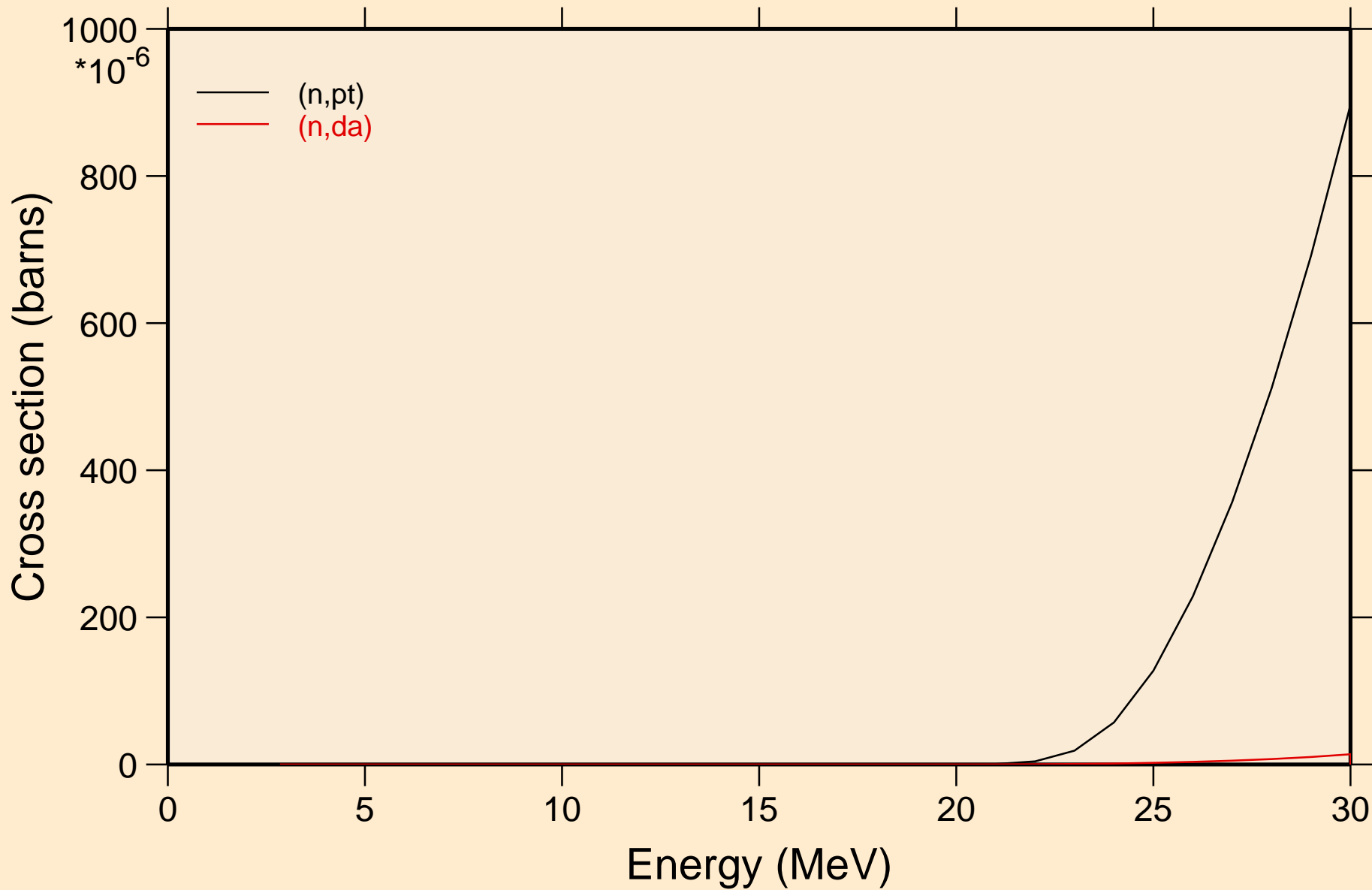
## Threshold reactions



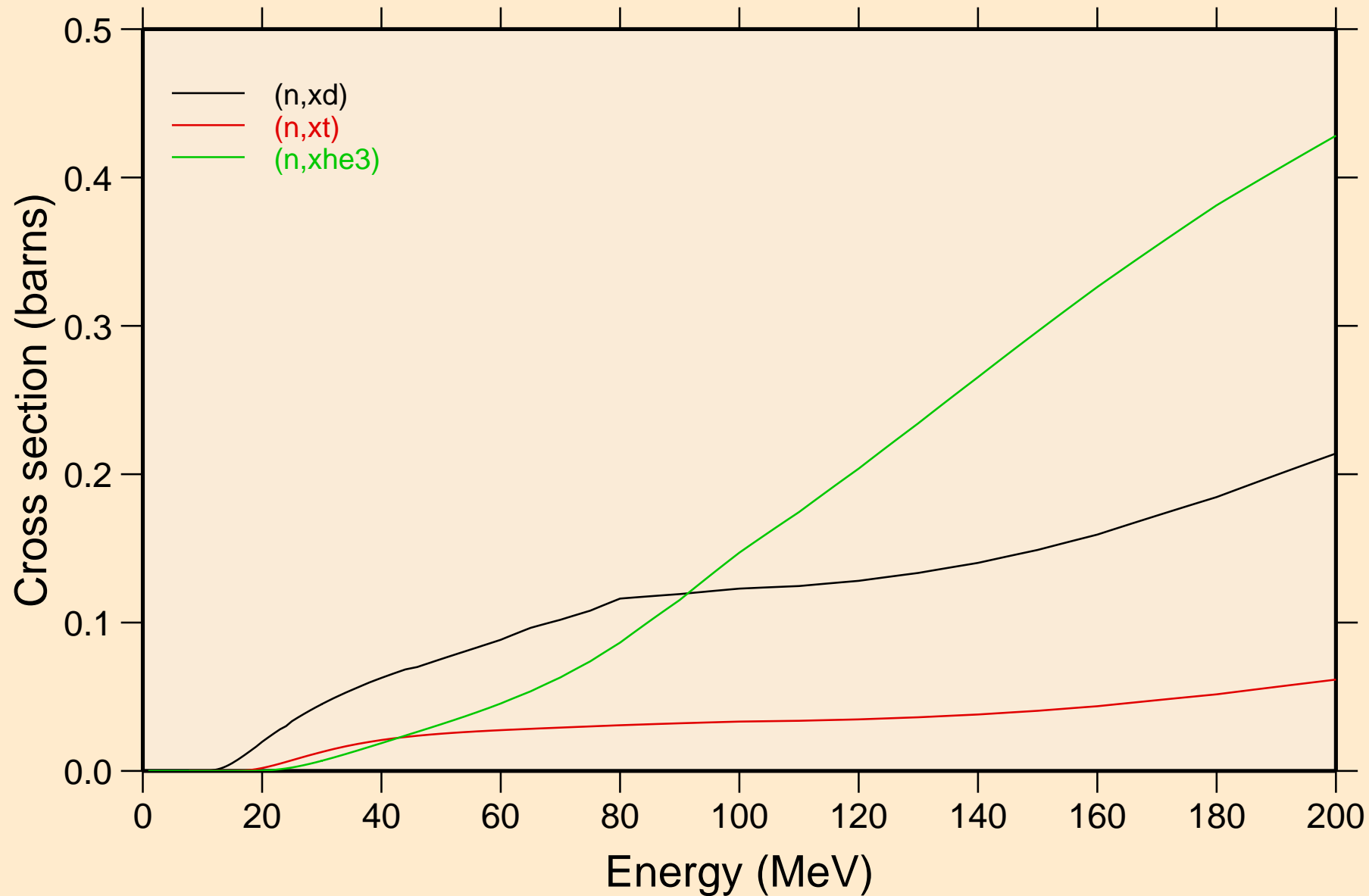
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



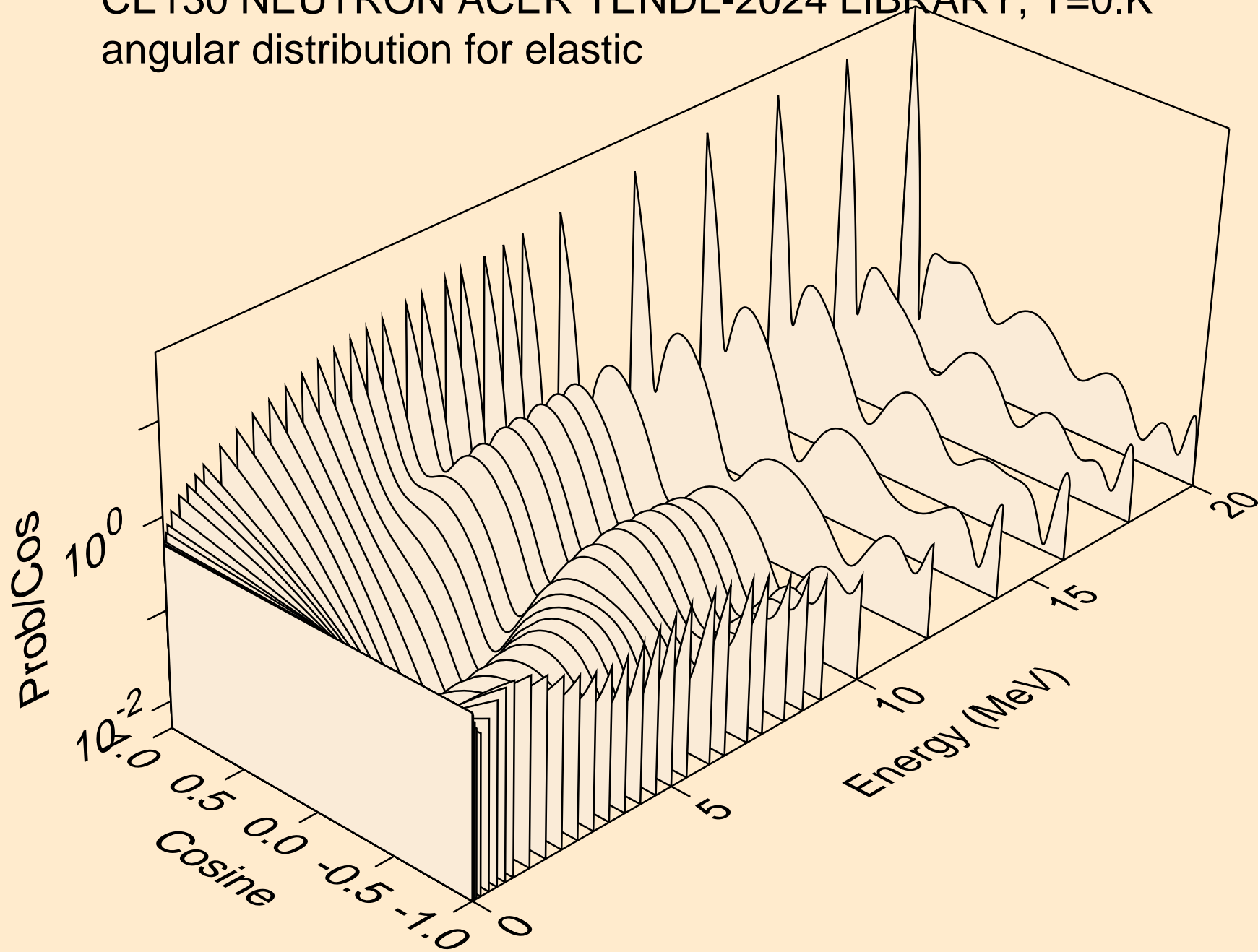
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



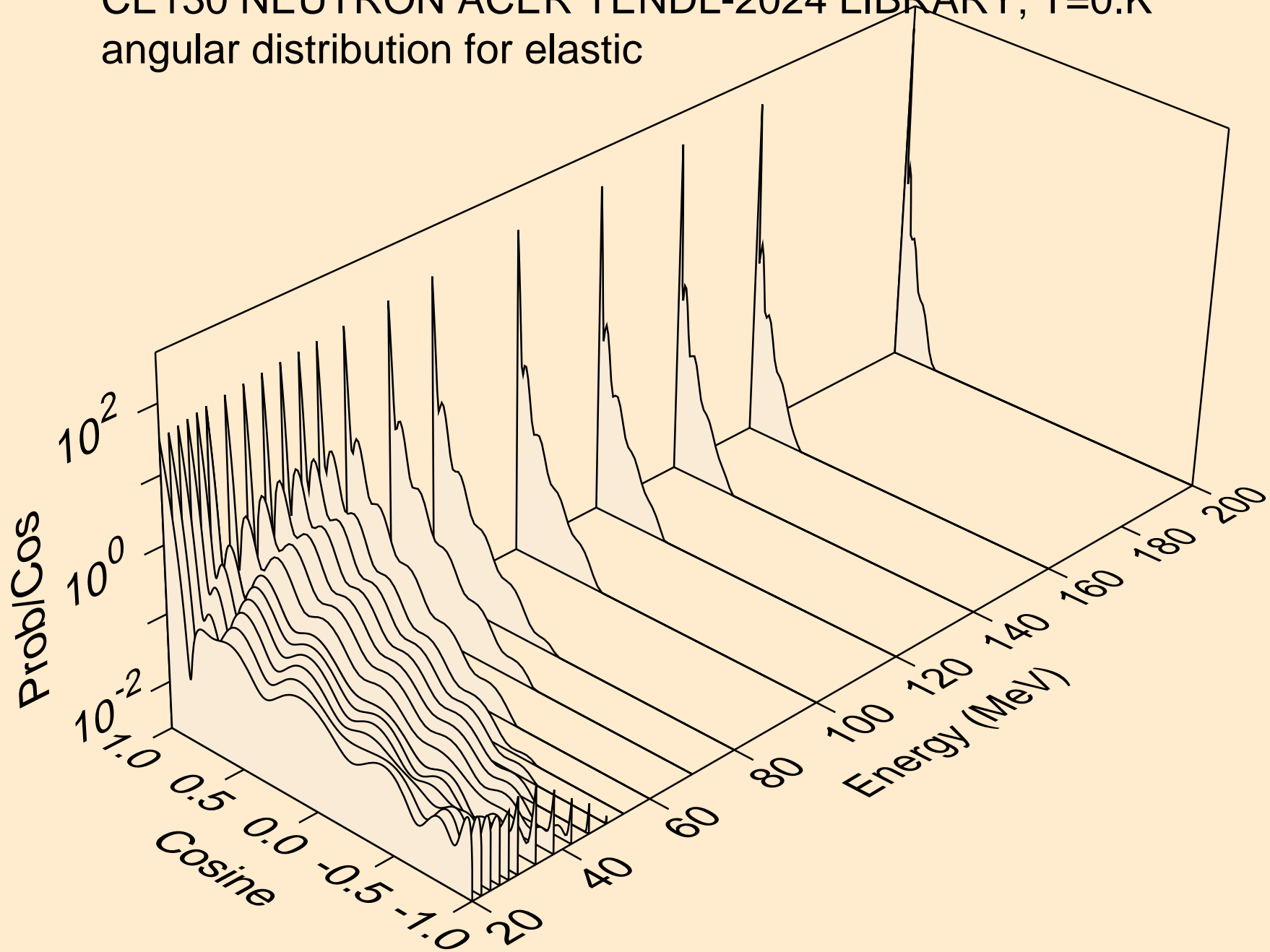
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



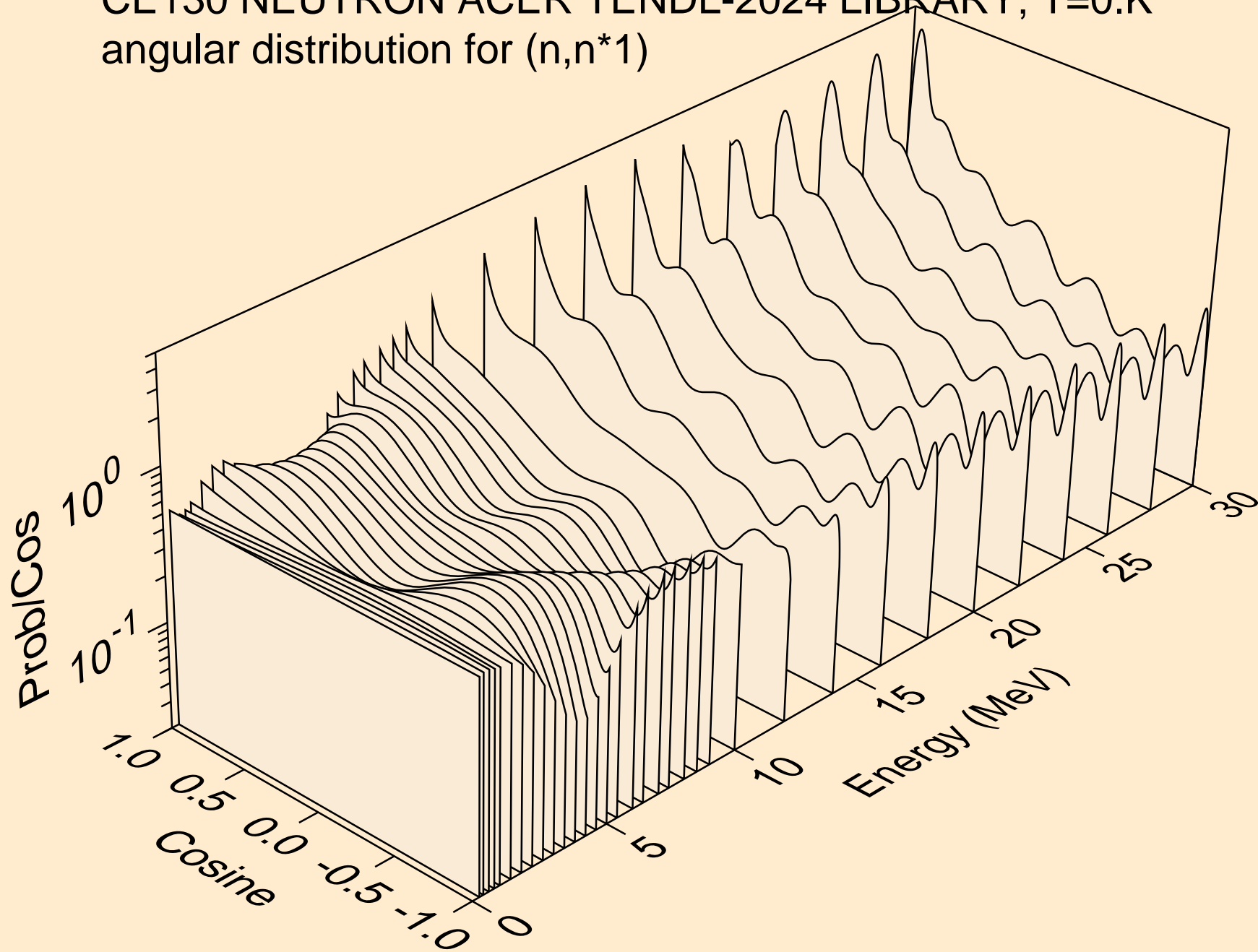
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



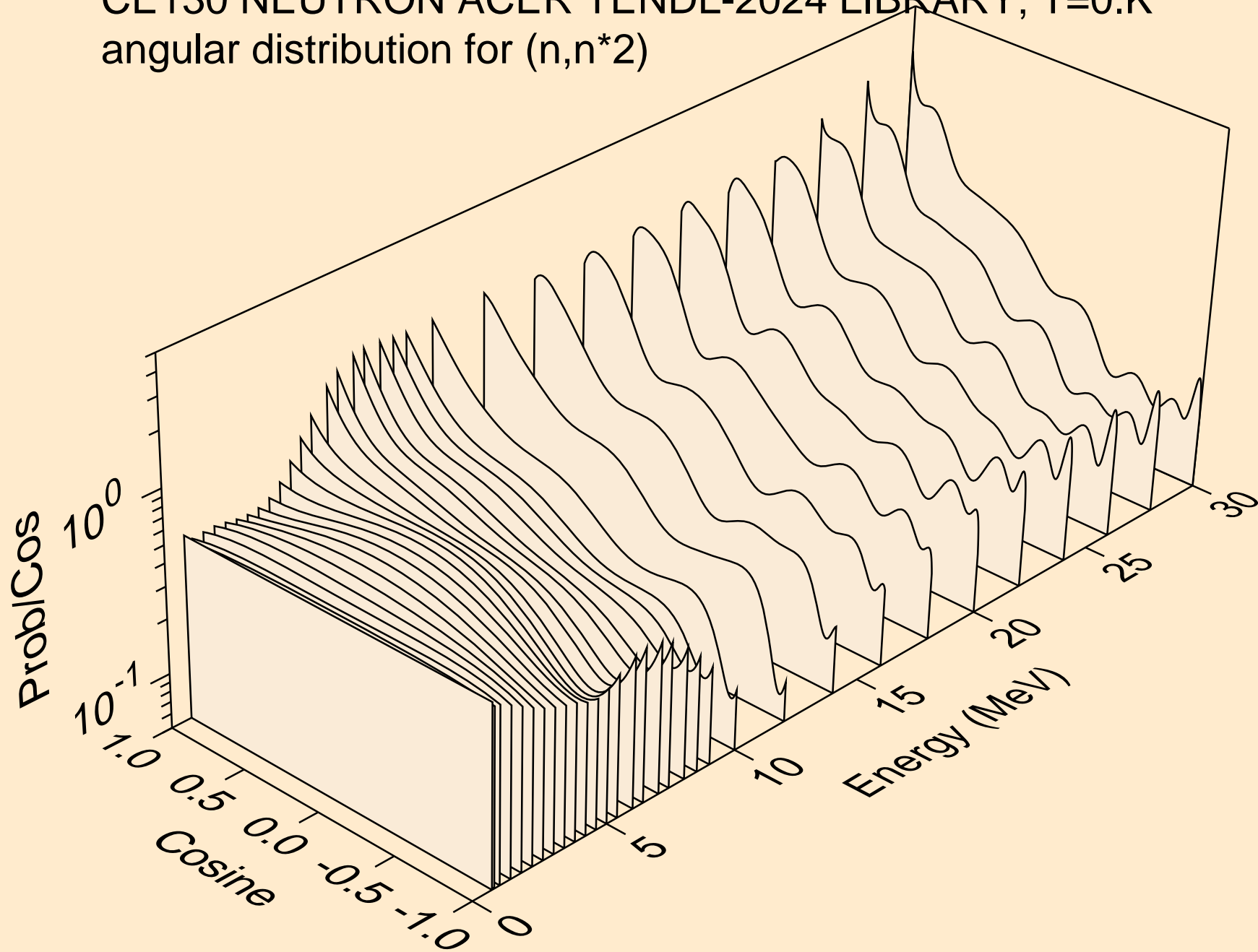
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

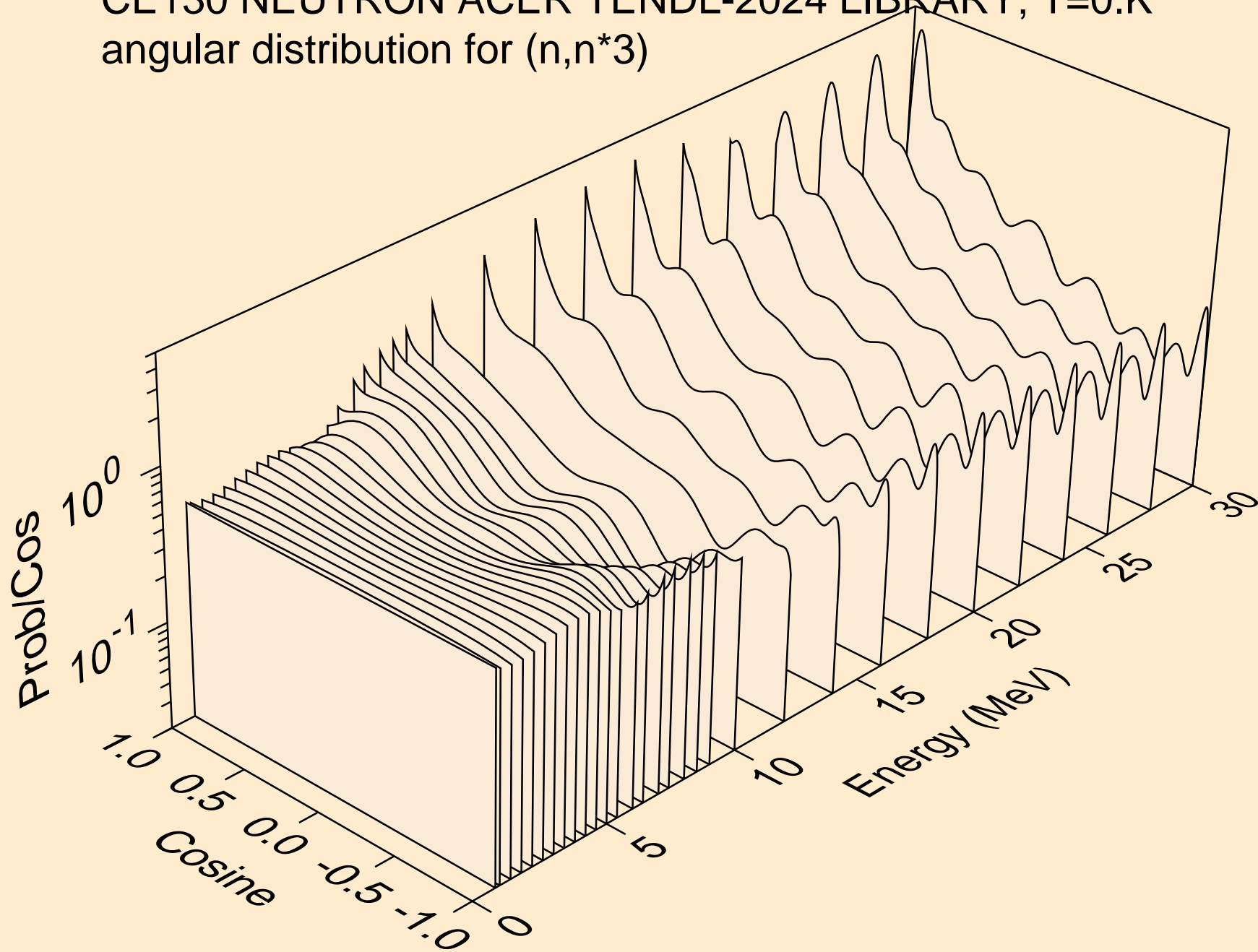


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

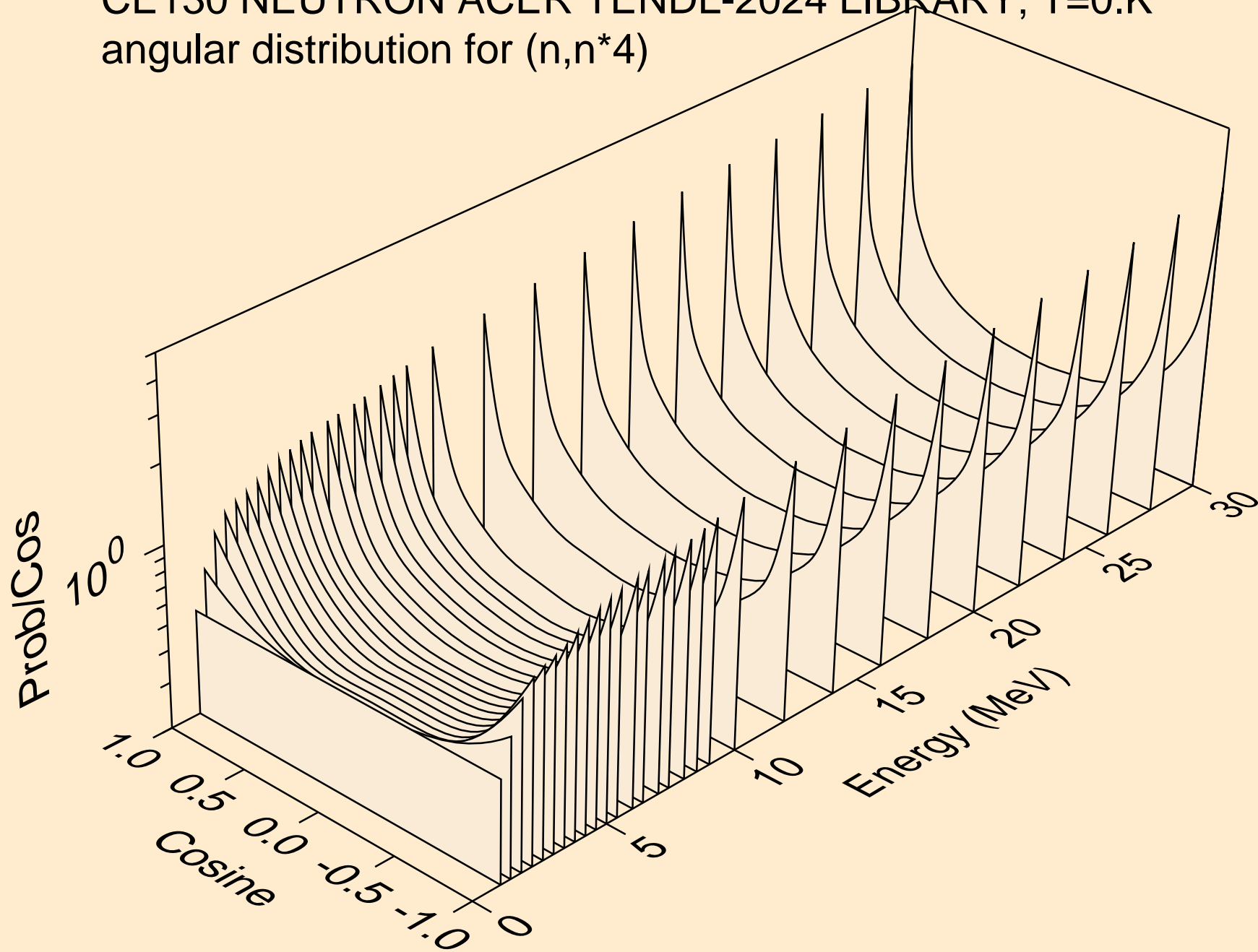




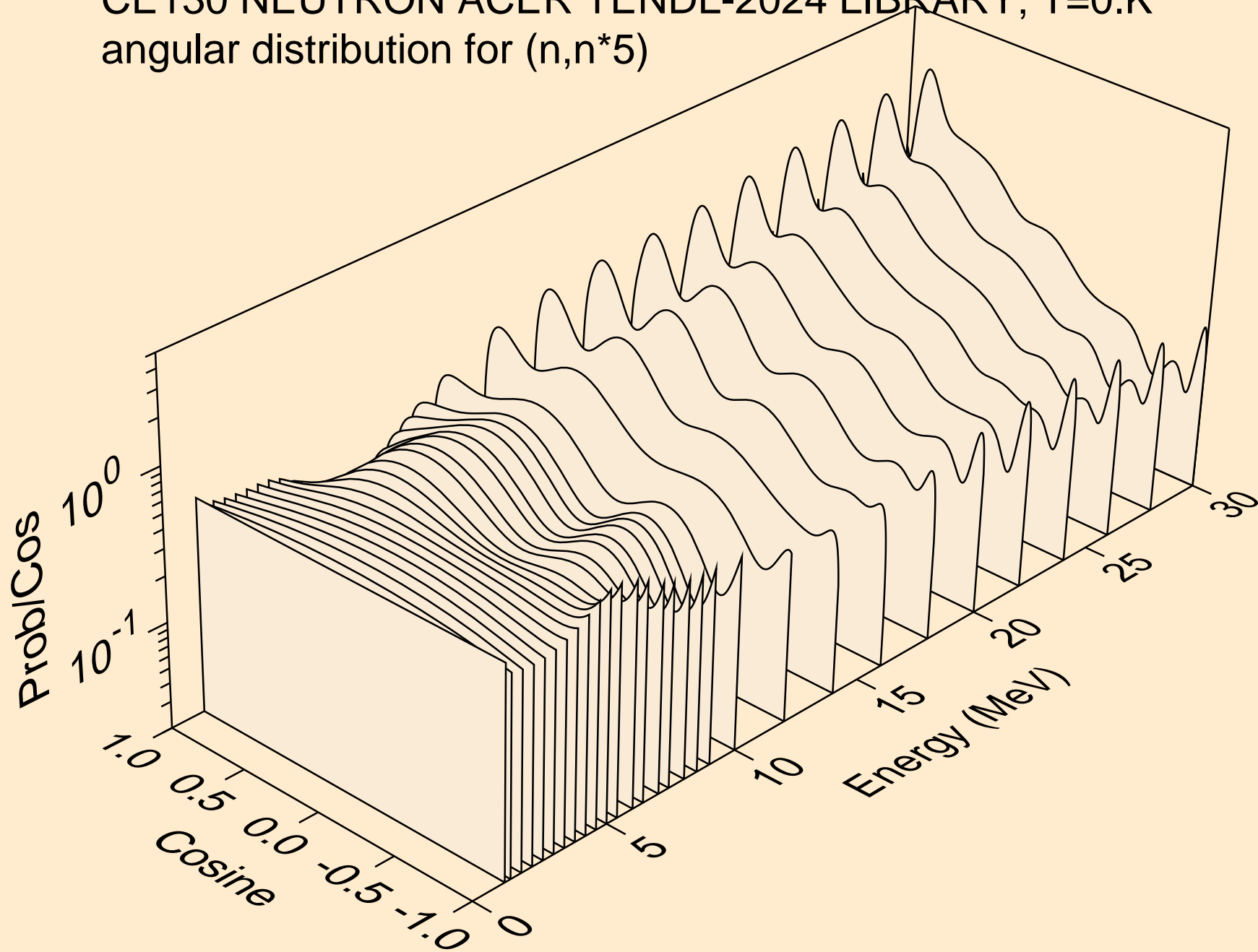
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



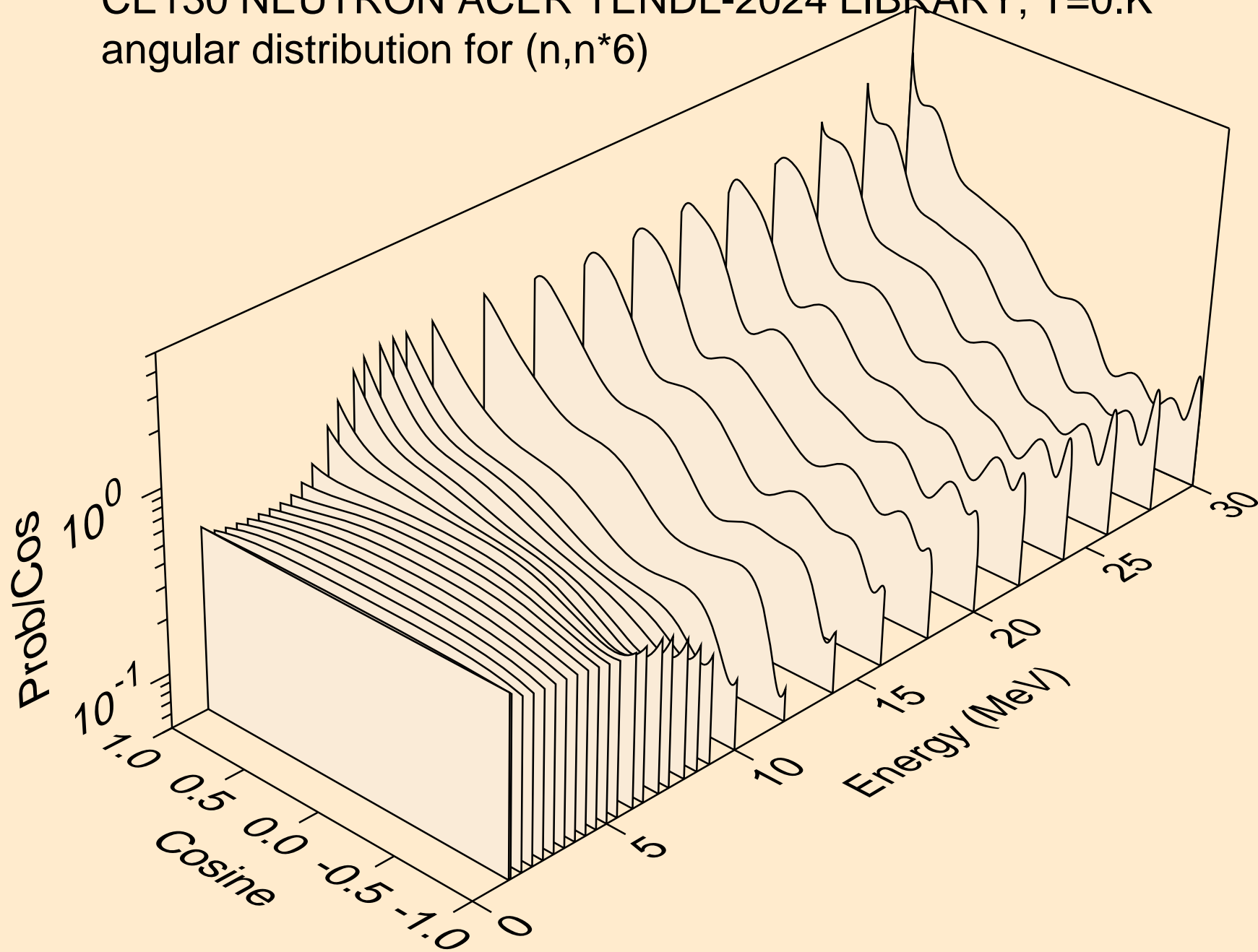
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



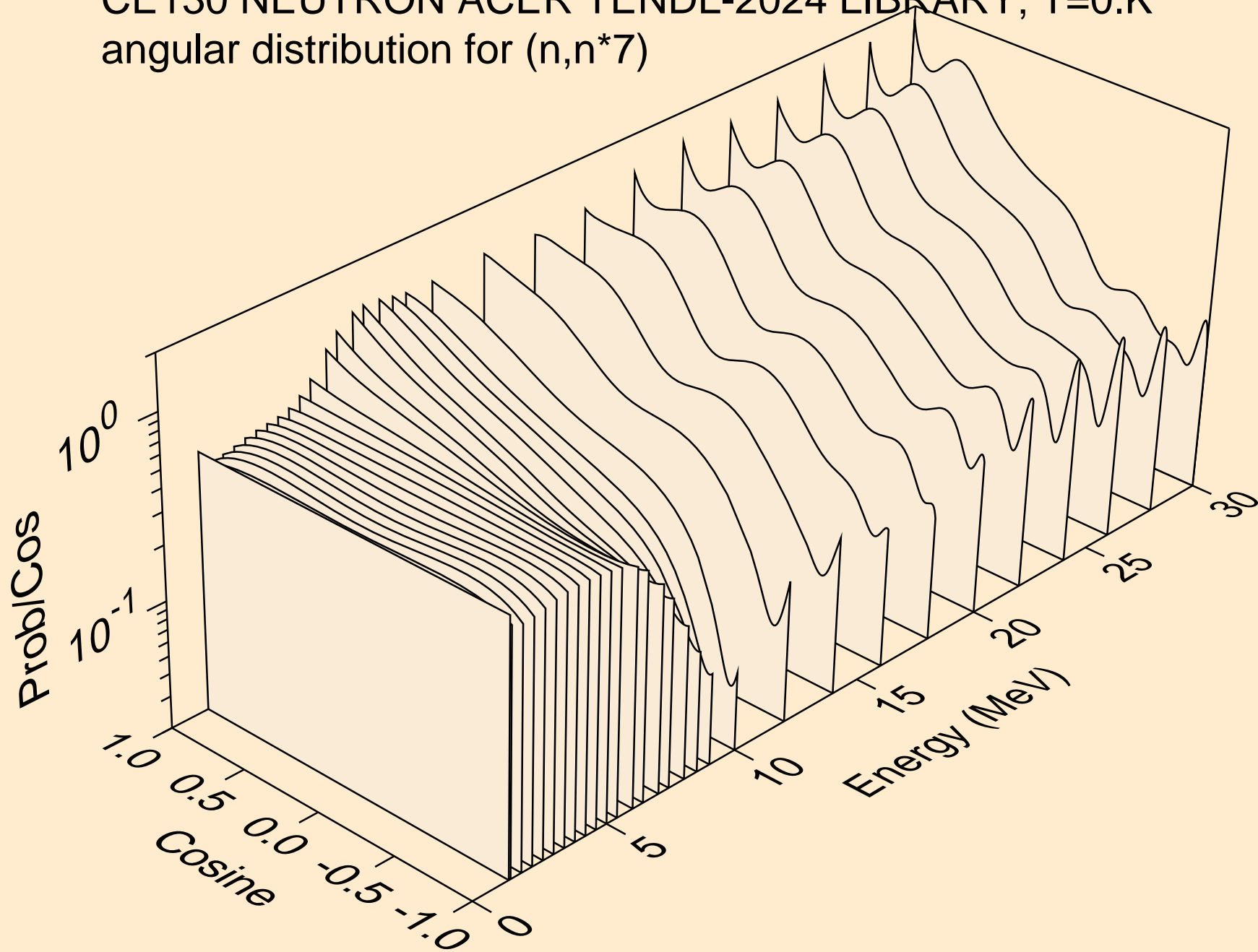
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



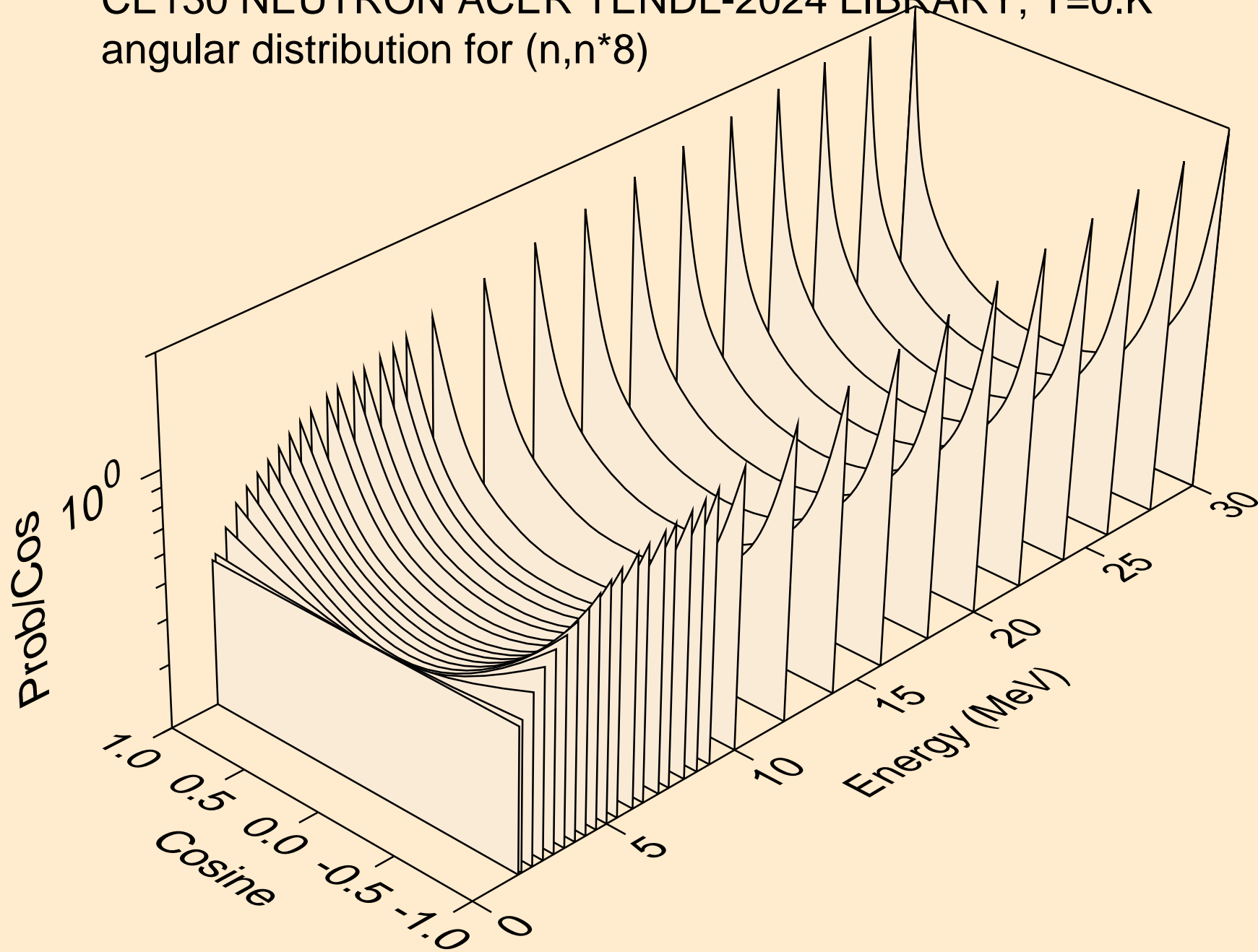
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



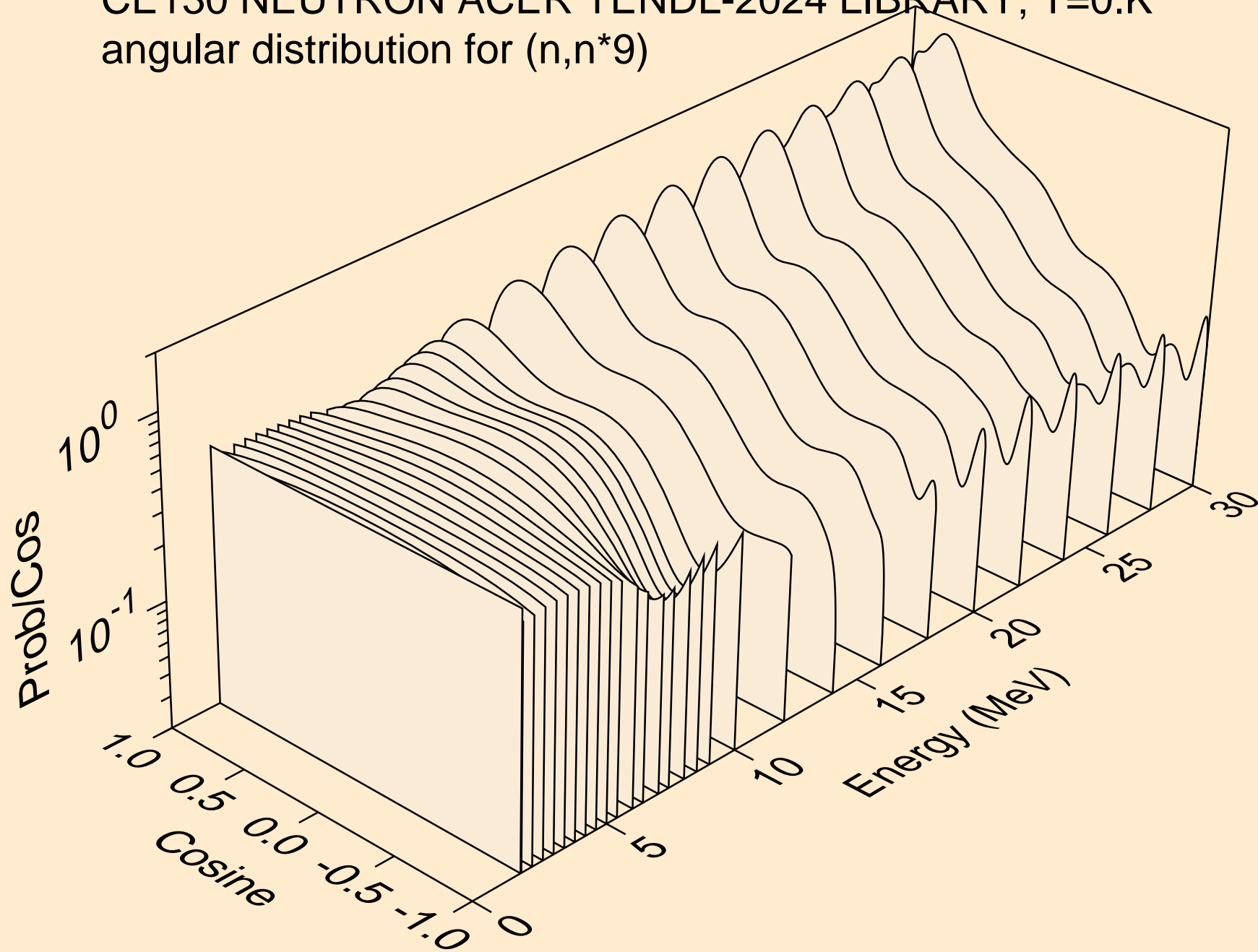
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angular distribution for (n,n\*7)



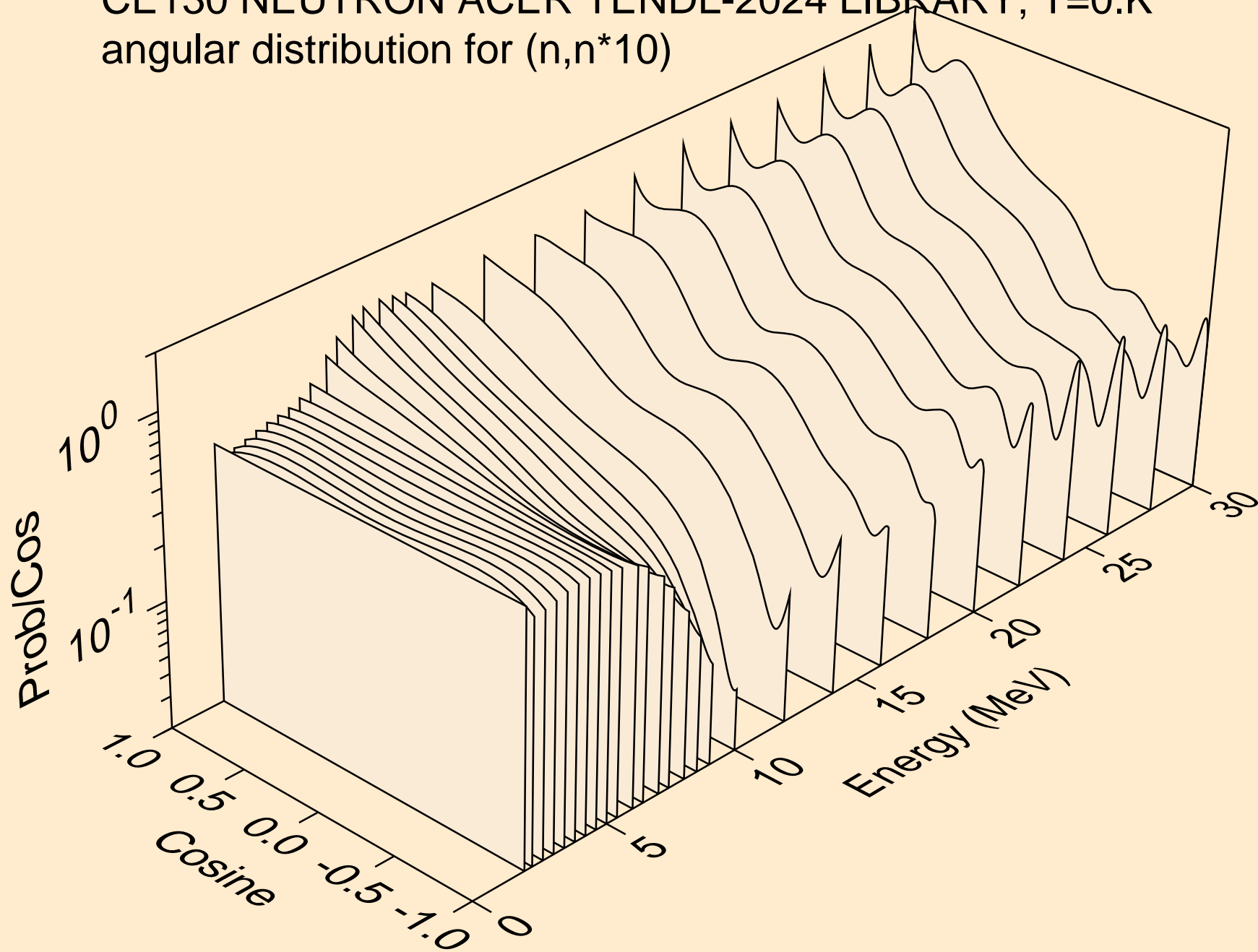
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

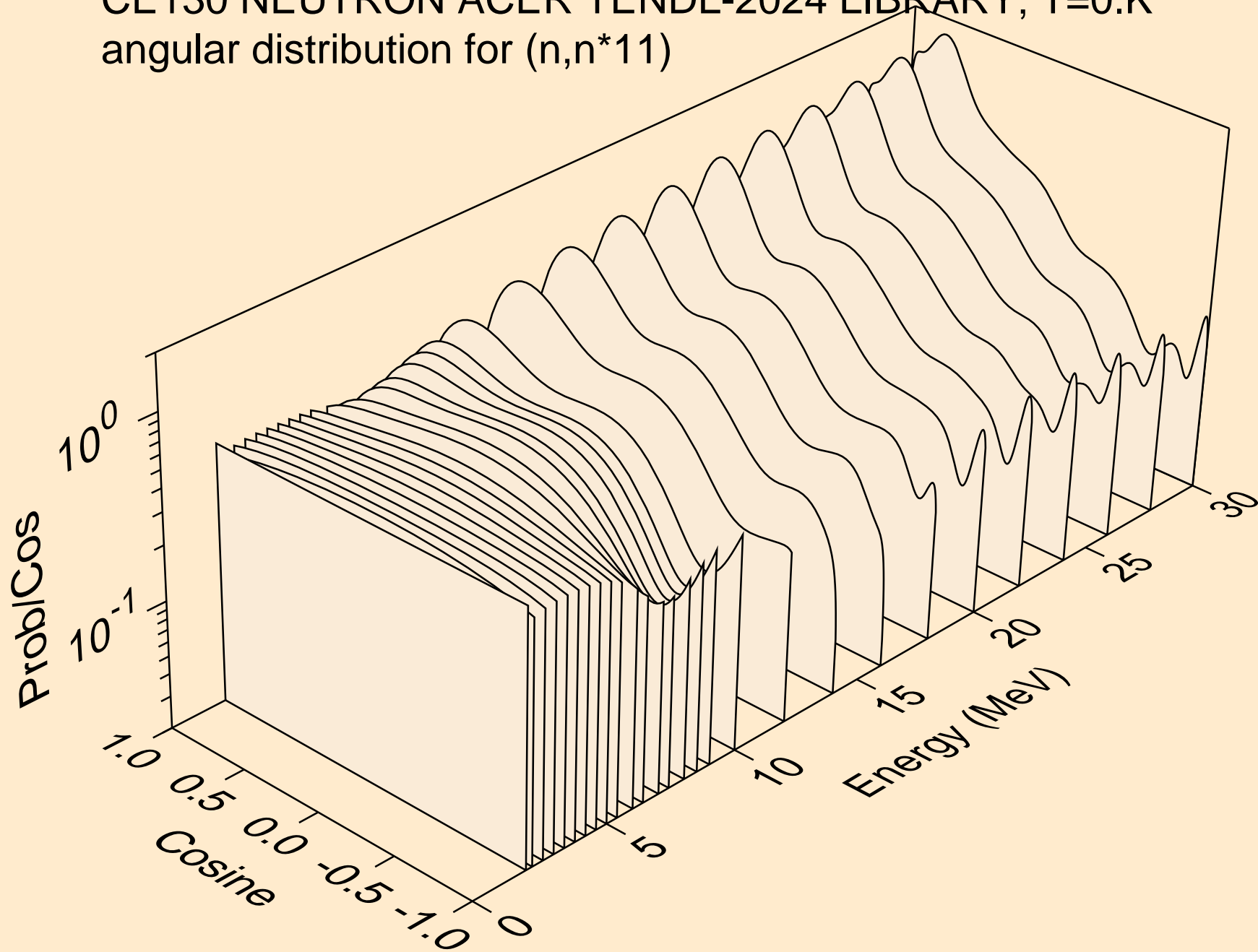


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

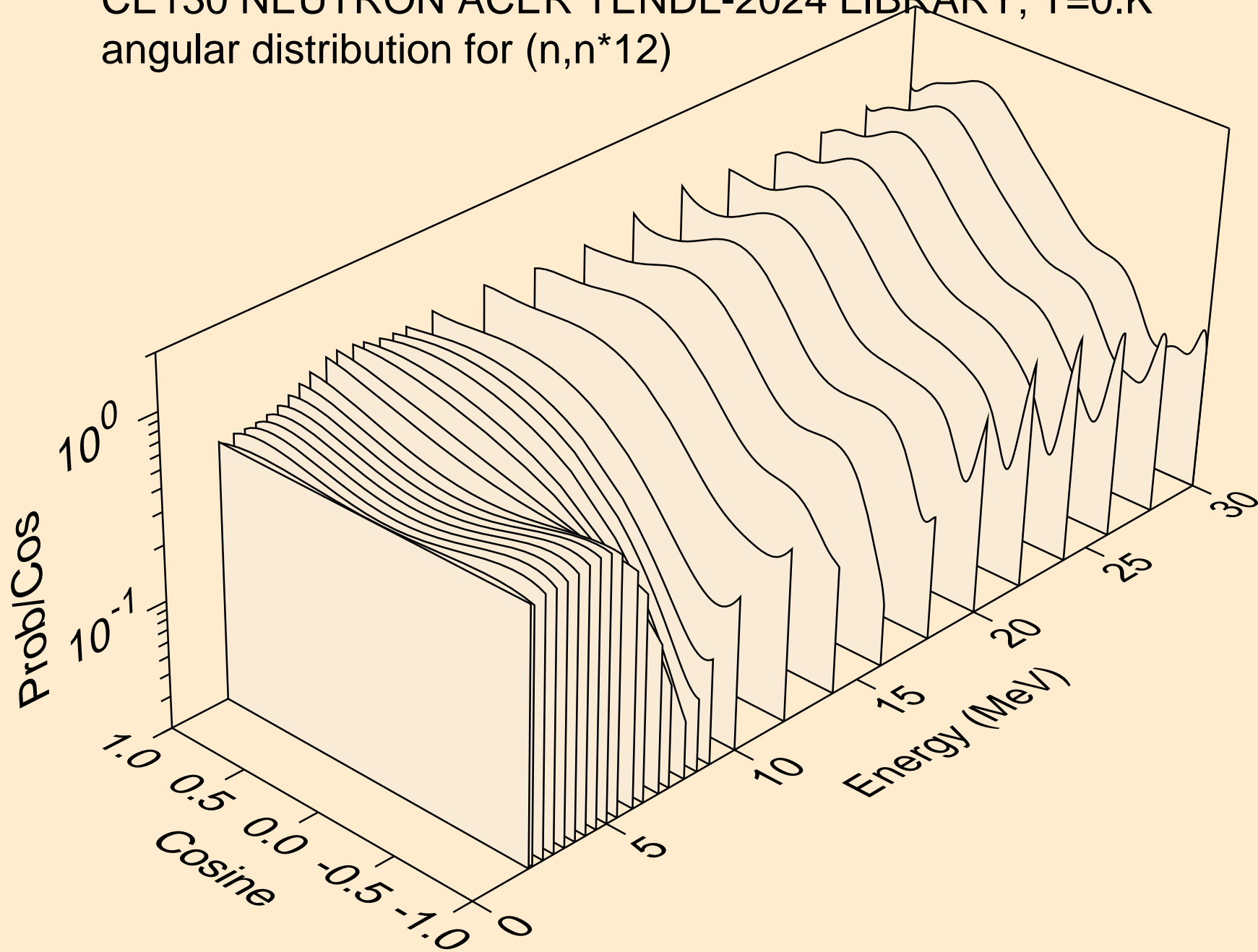




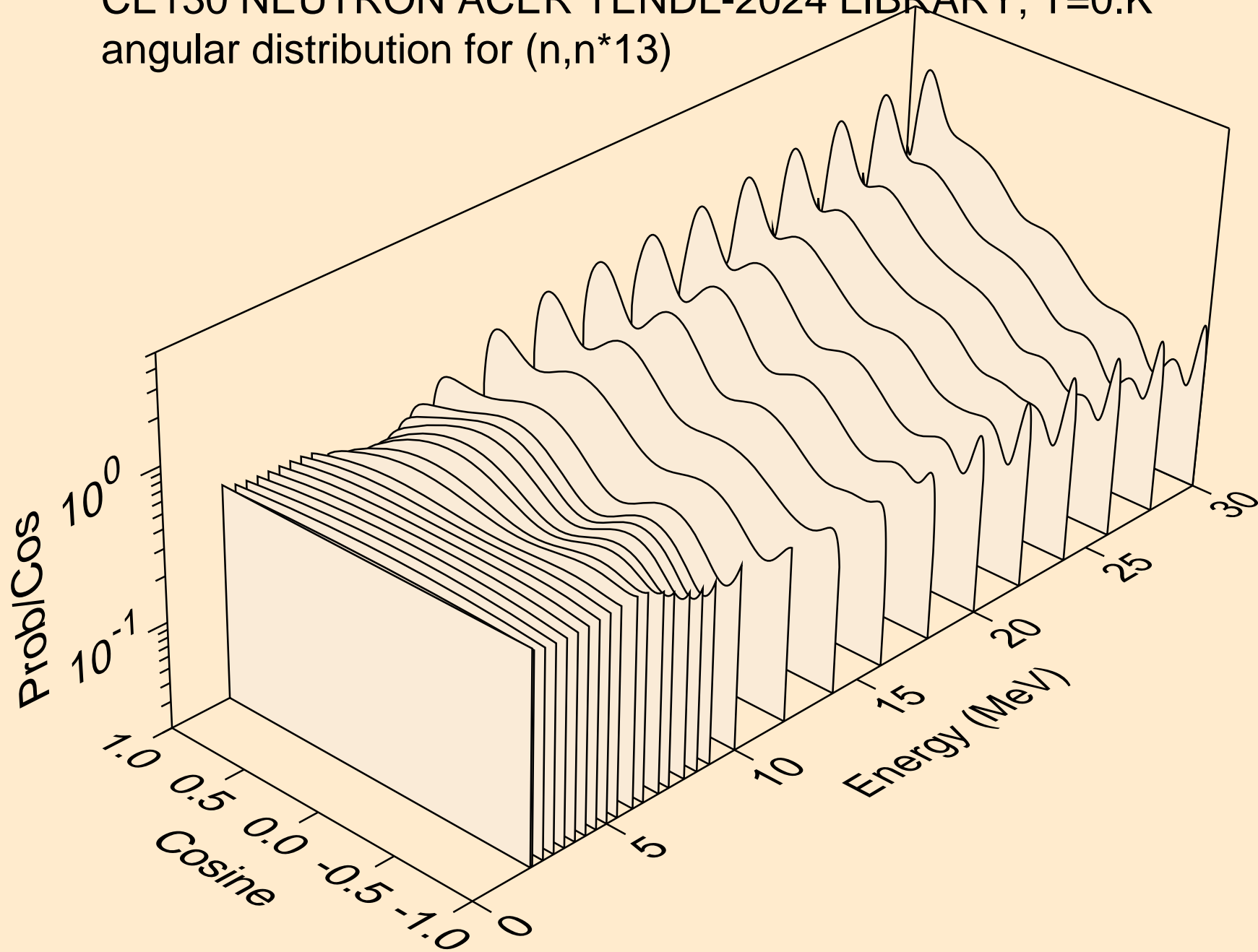
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



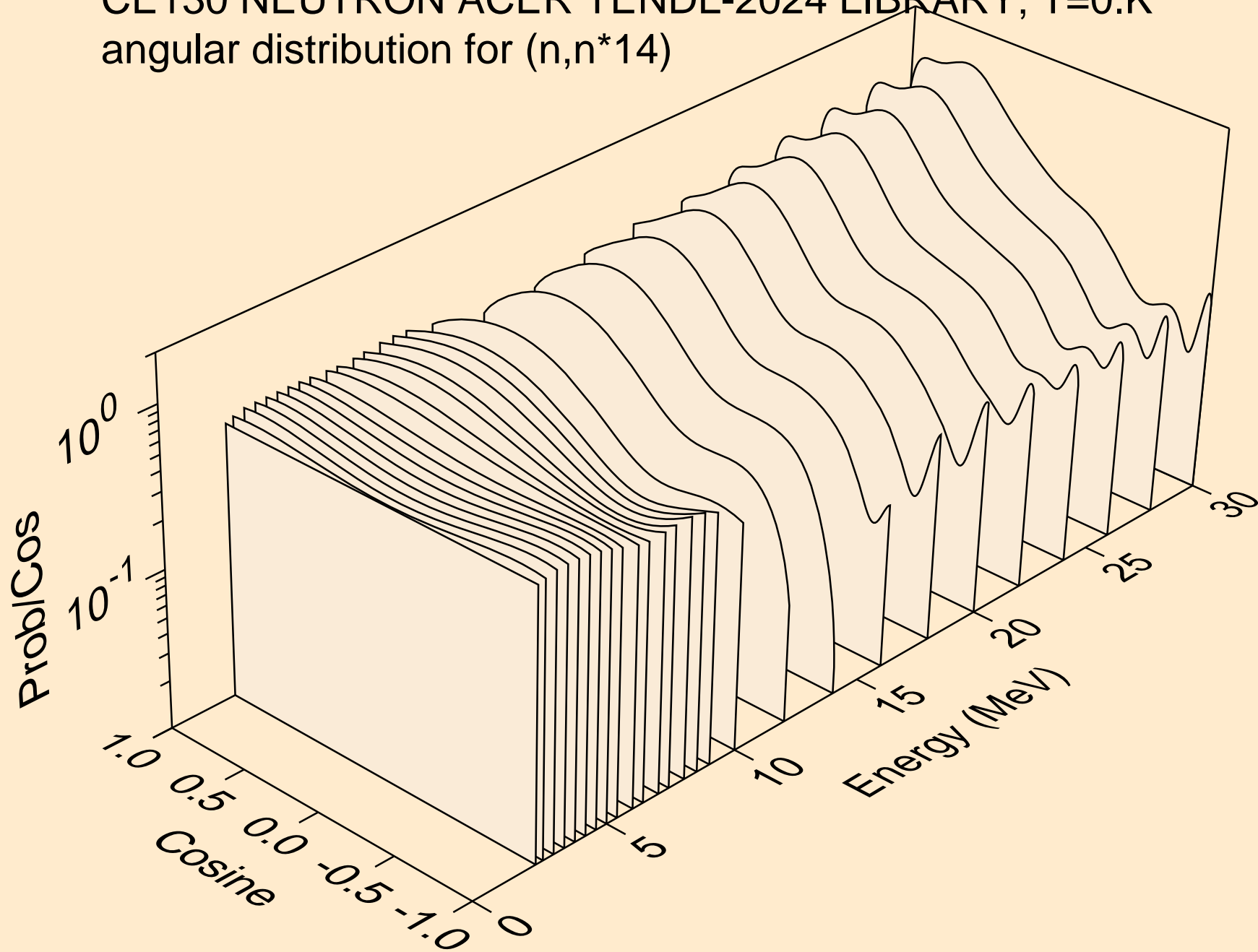
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



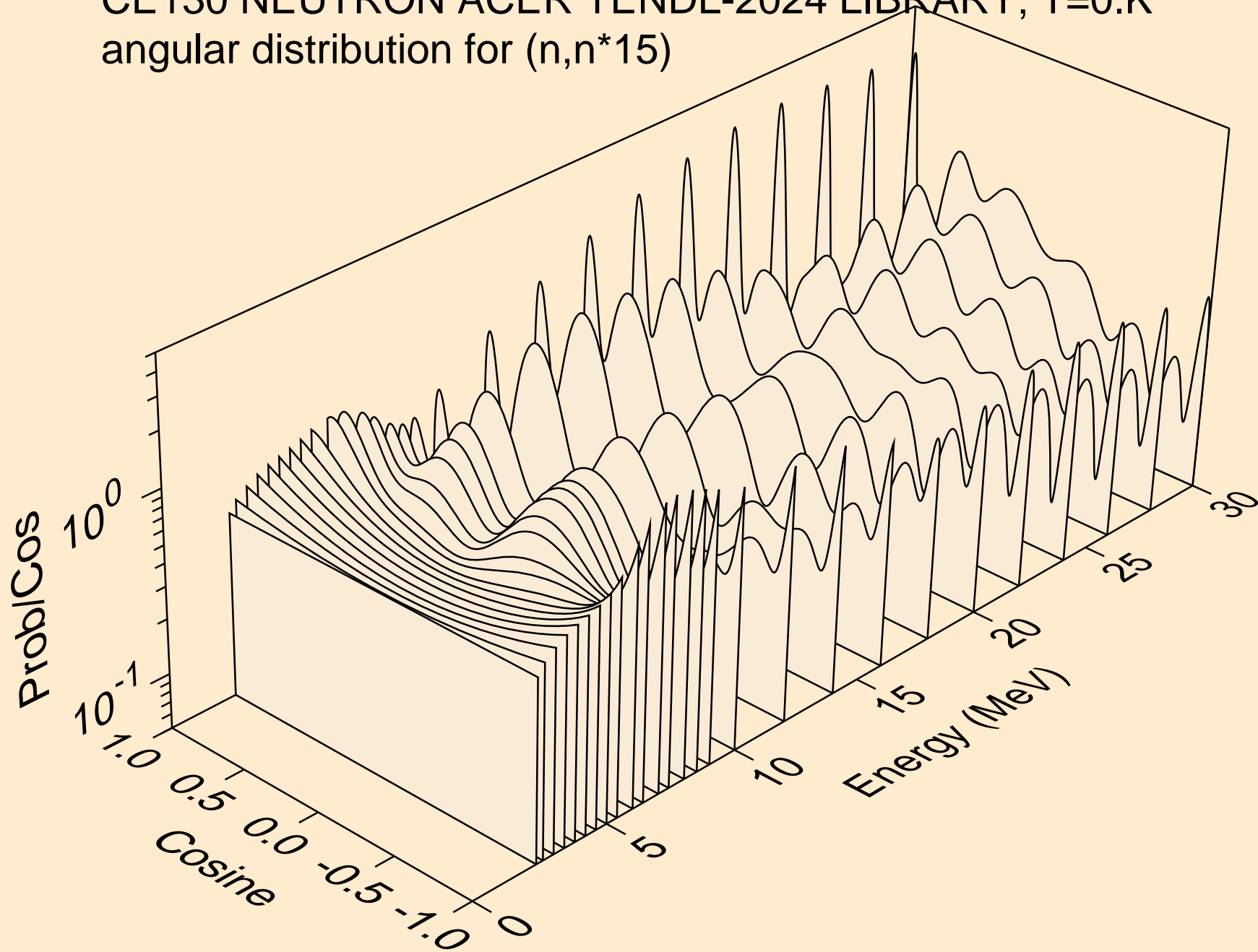
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



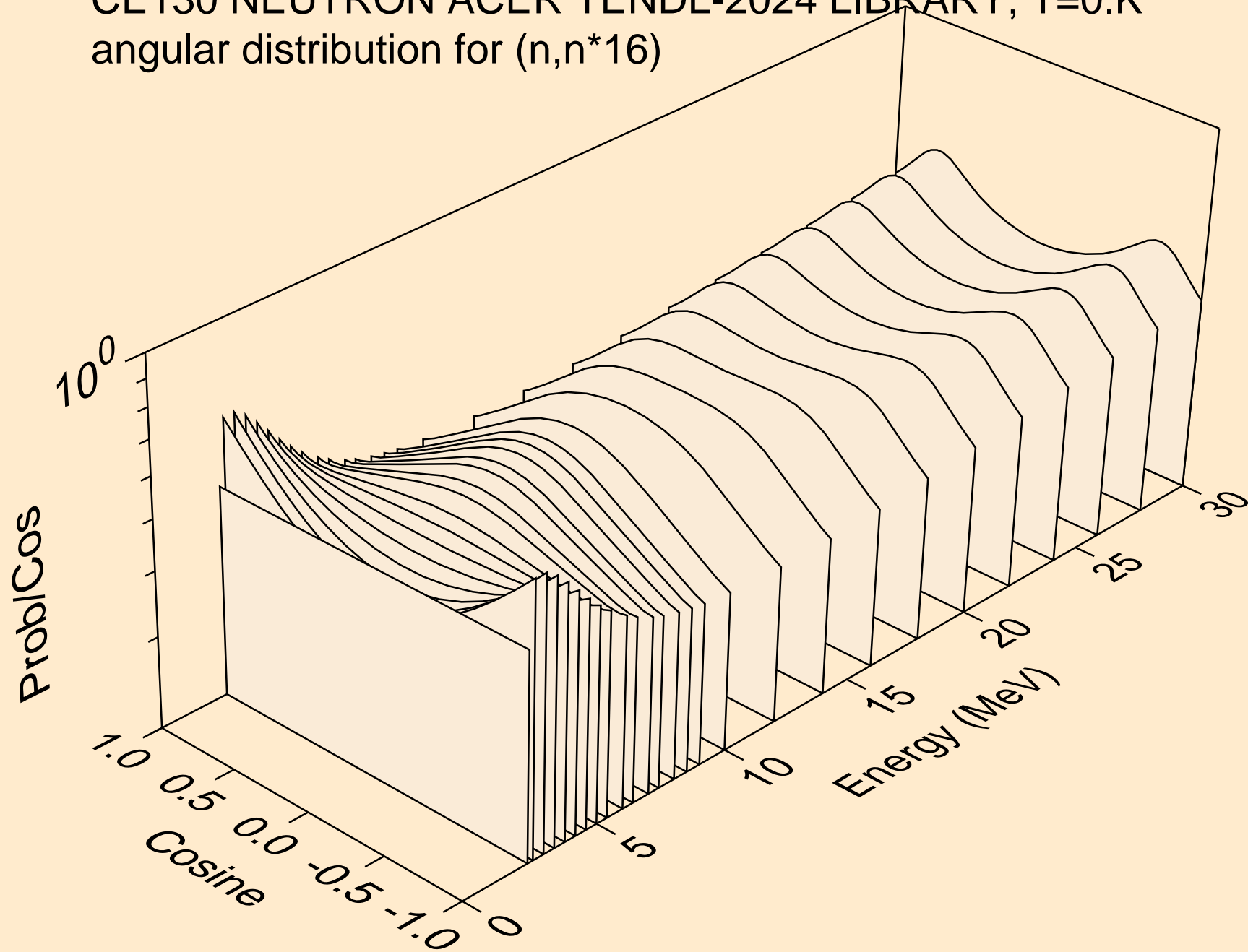
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angular distribution for (n,n\*14)



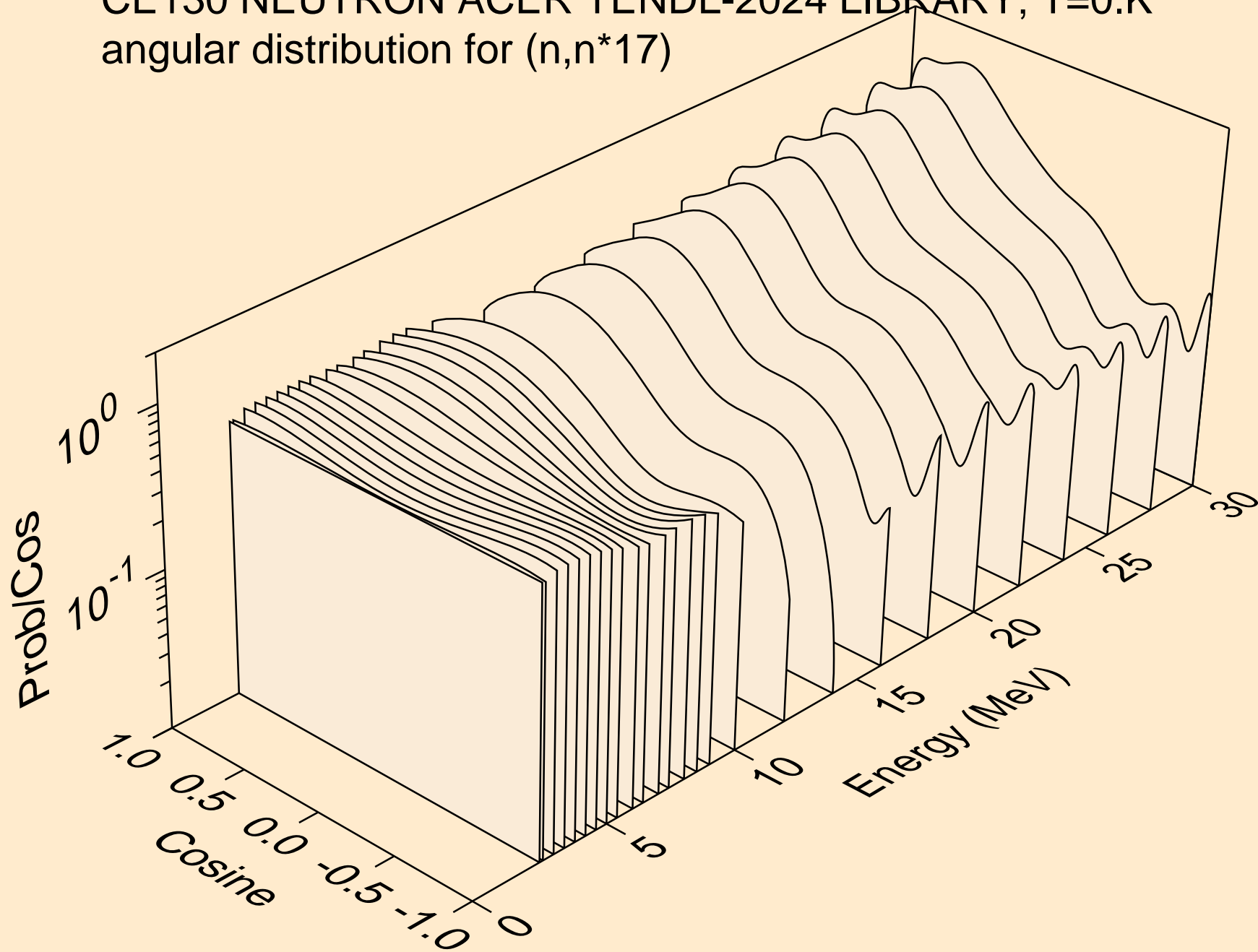
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



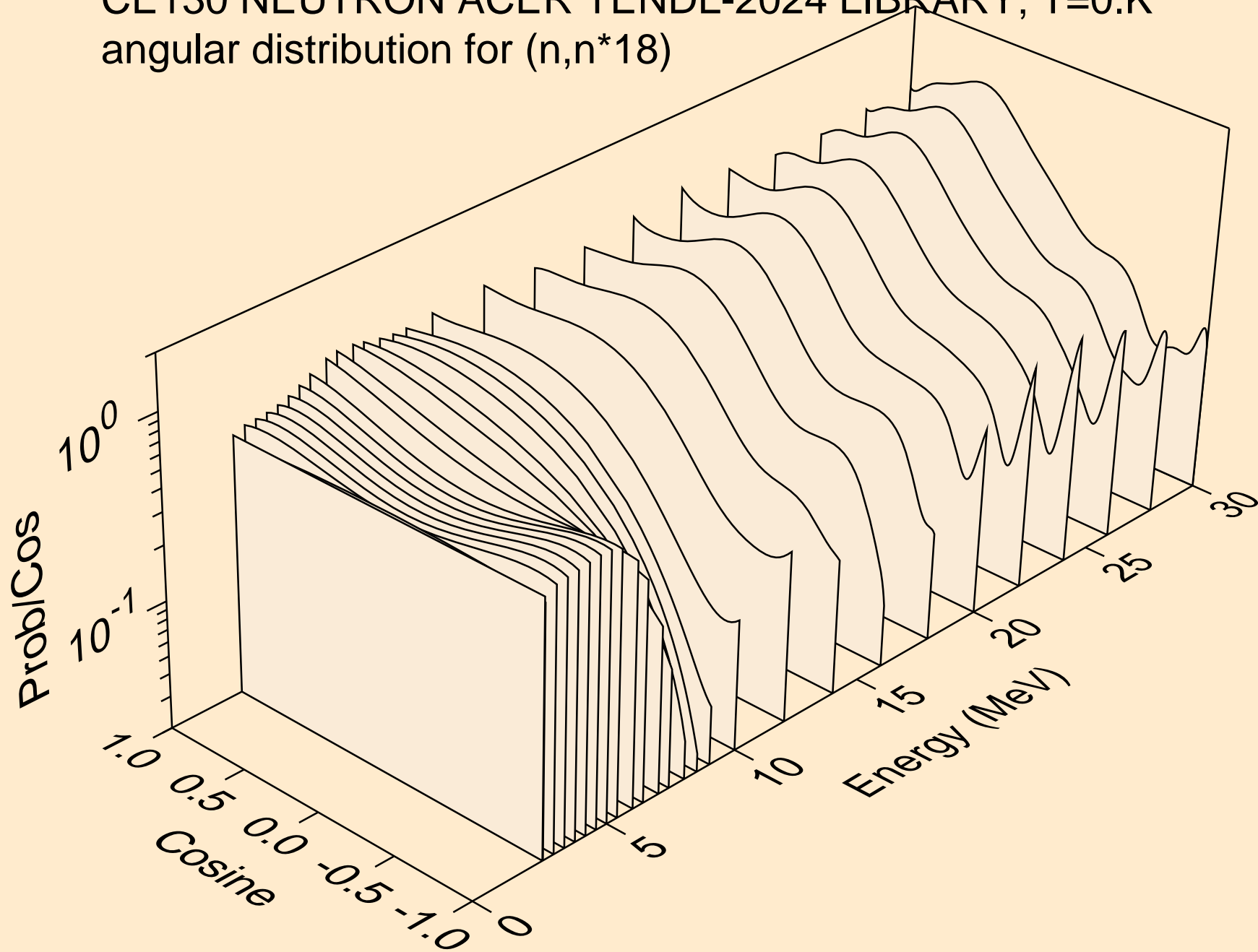
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

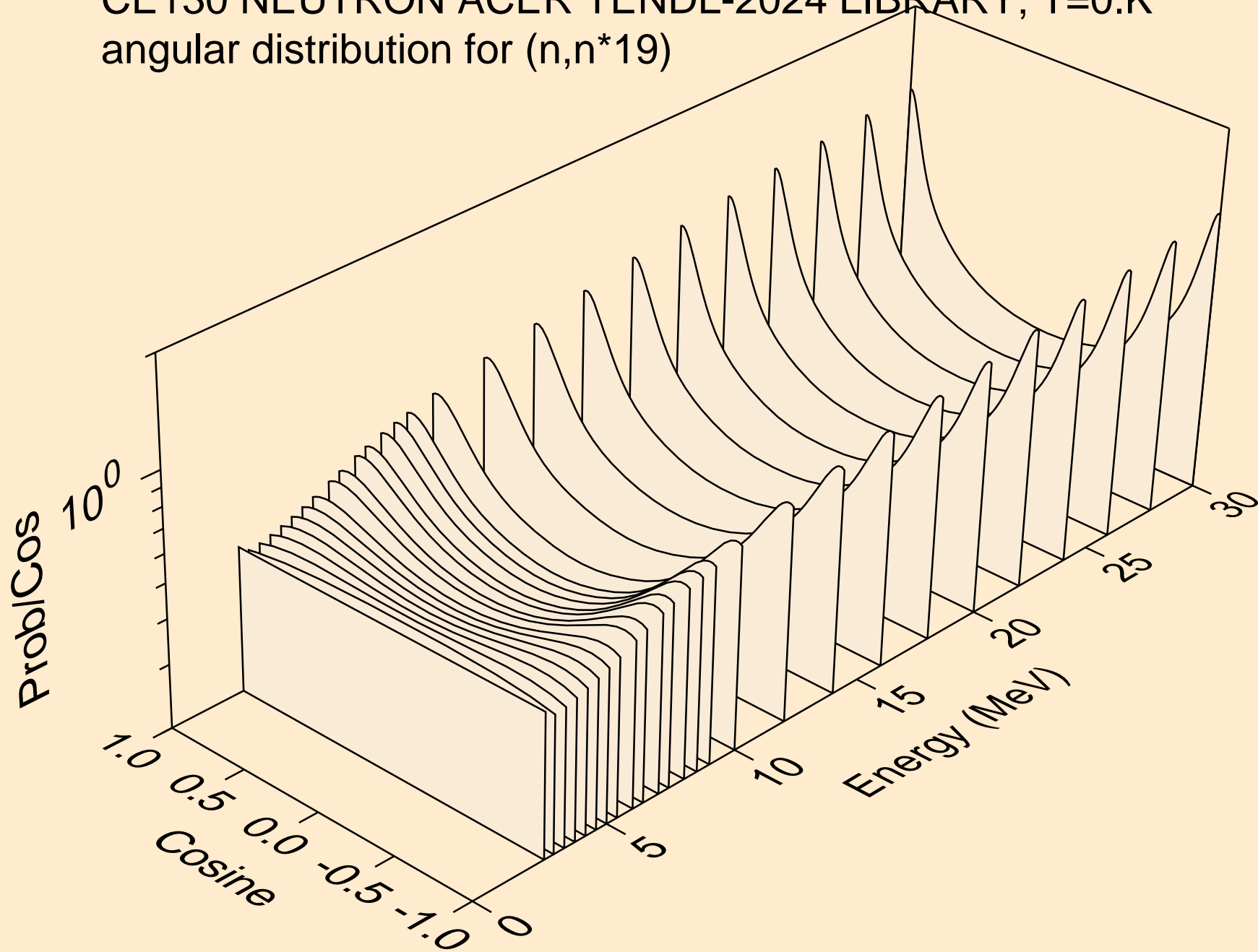


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

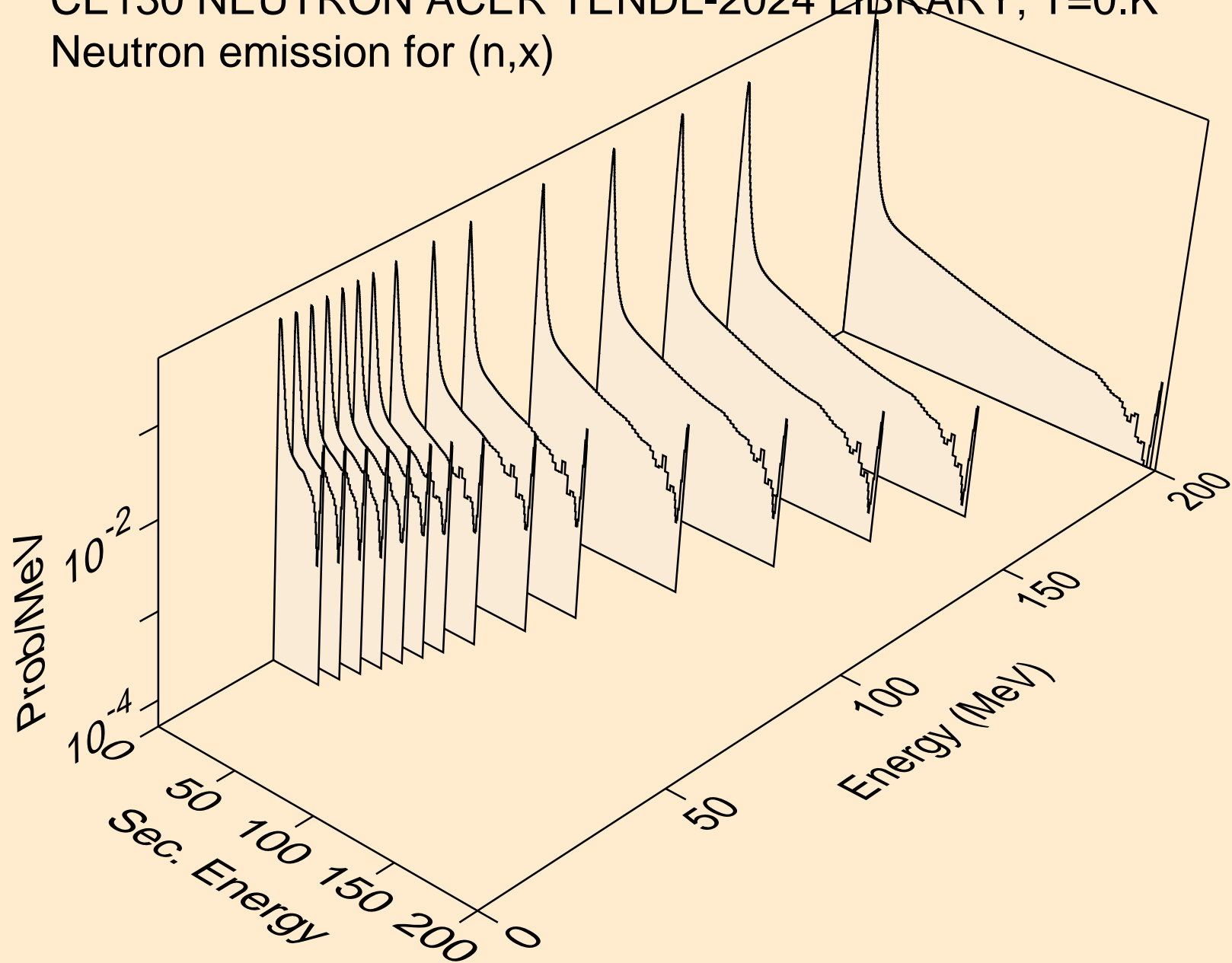




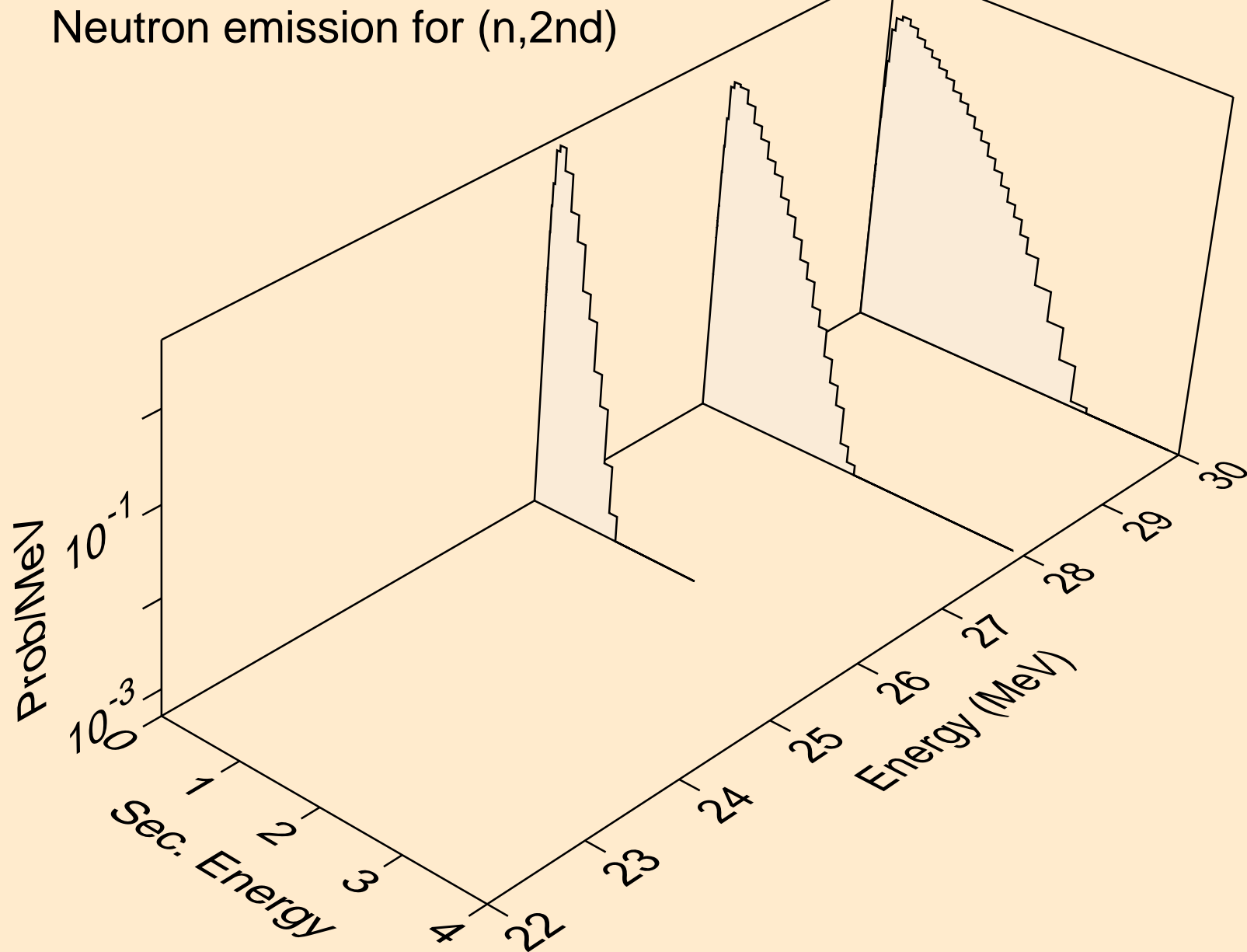
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



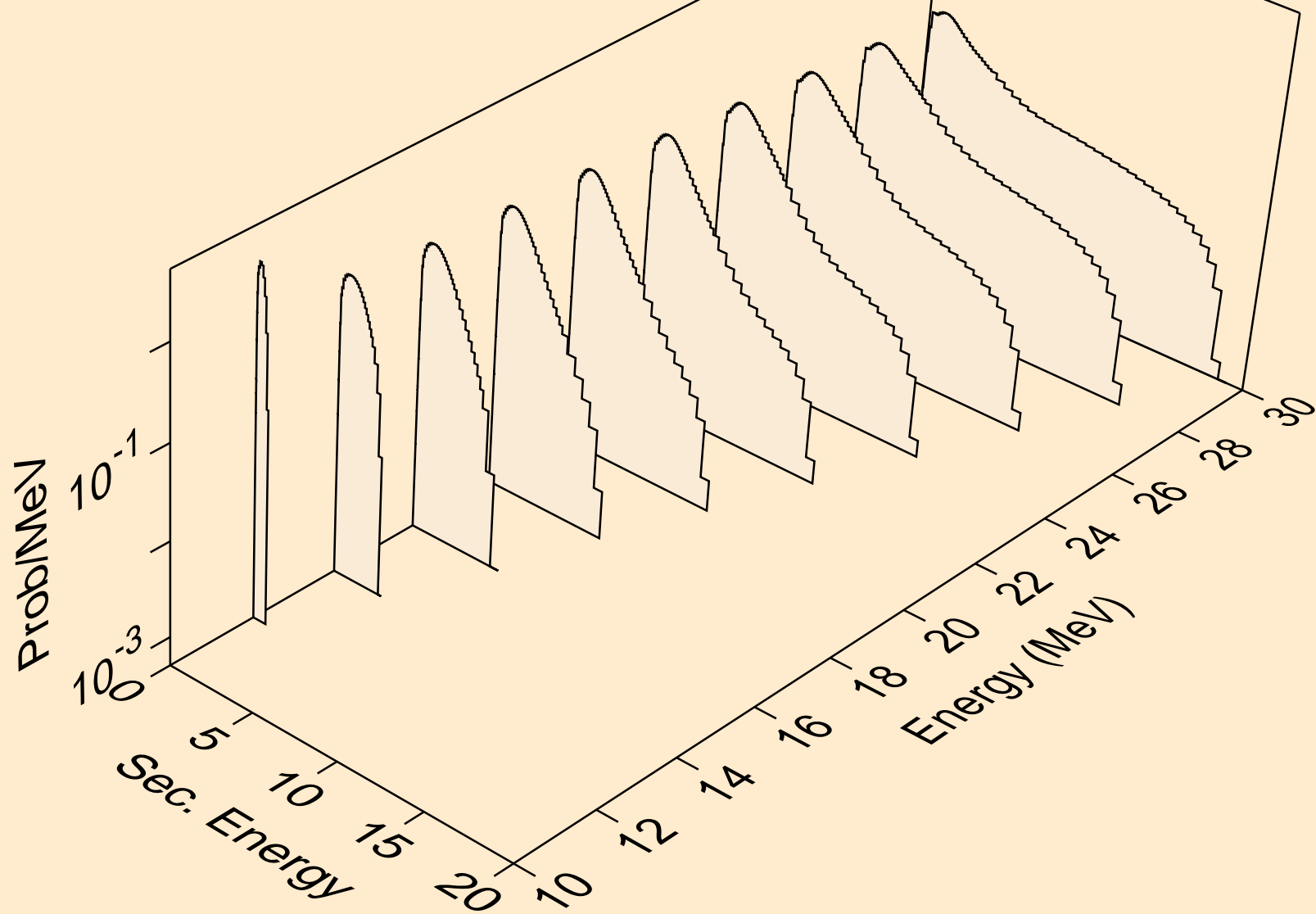
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



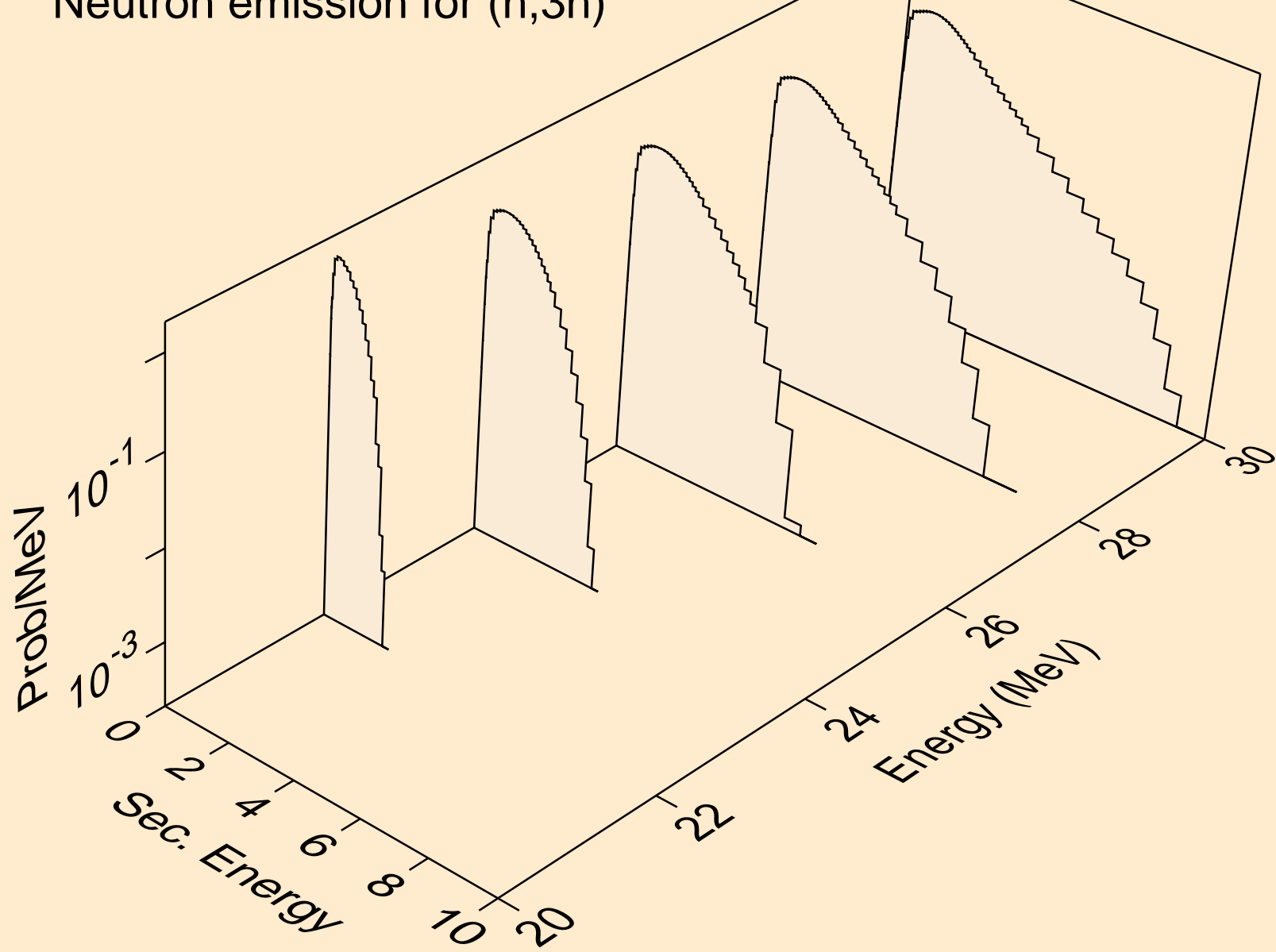
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



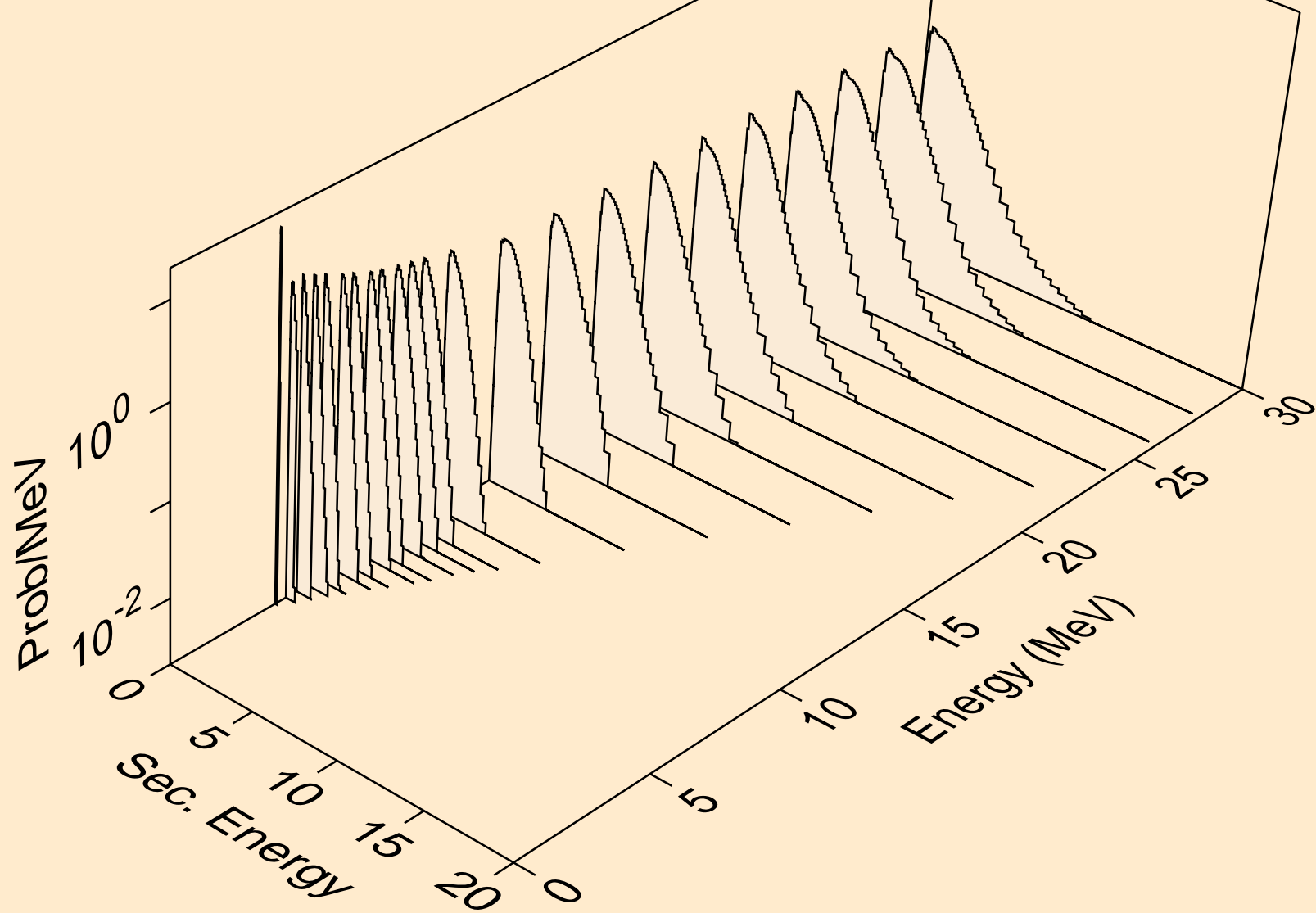
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



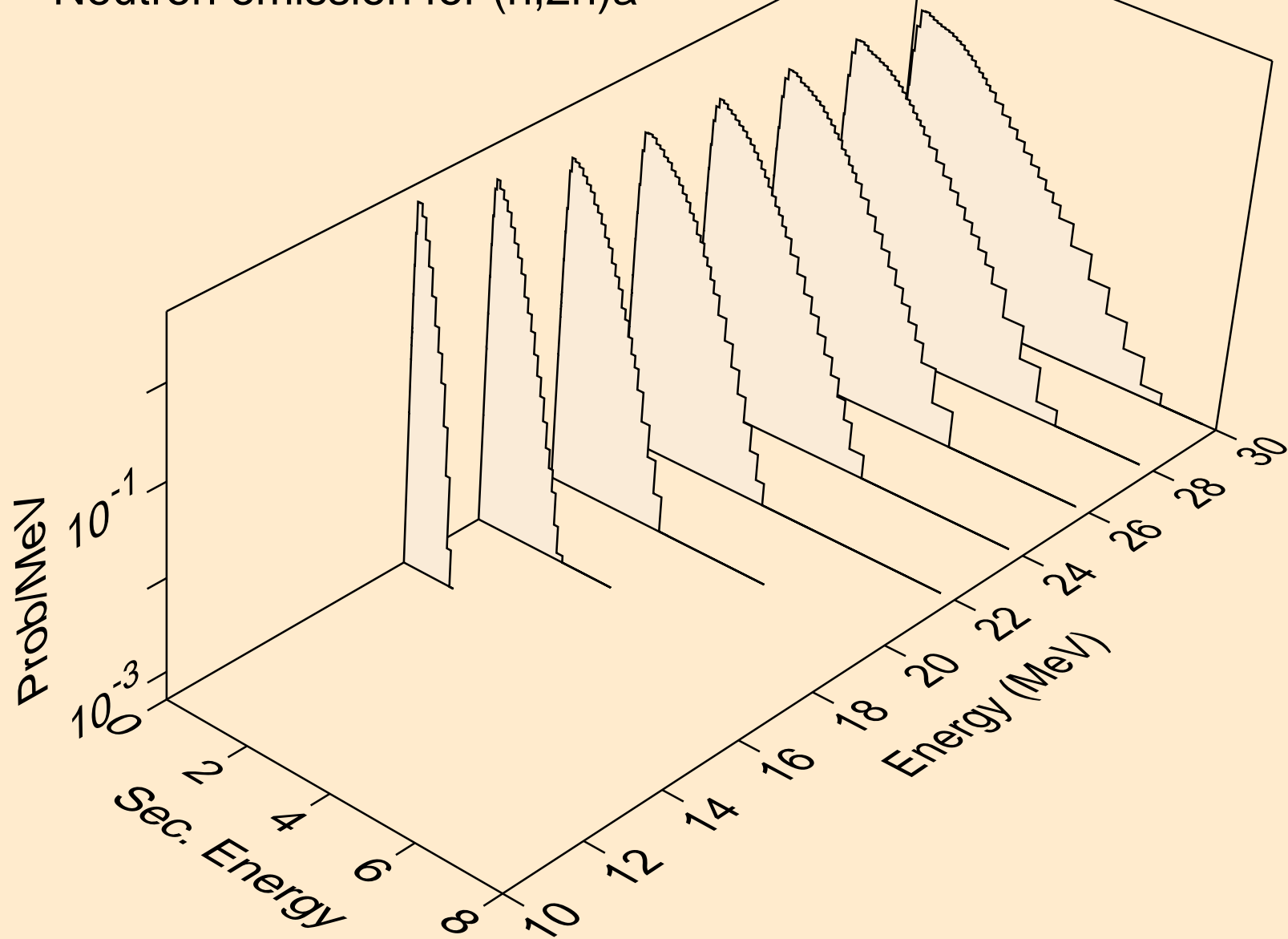
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



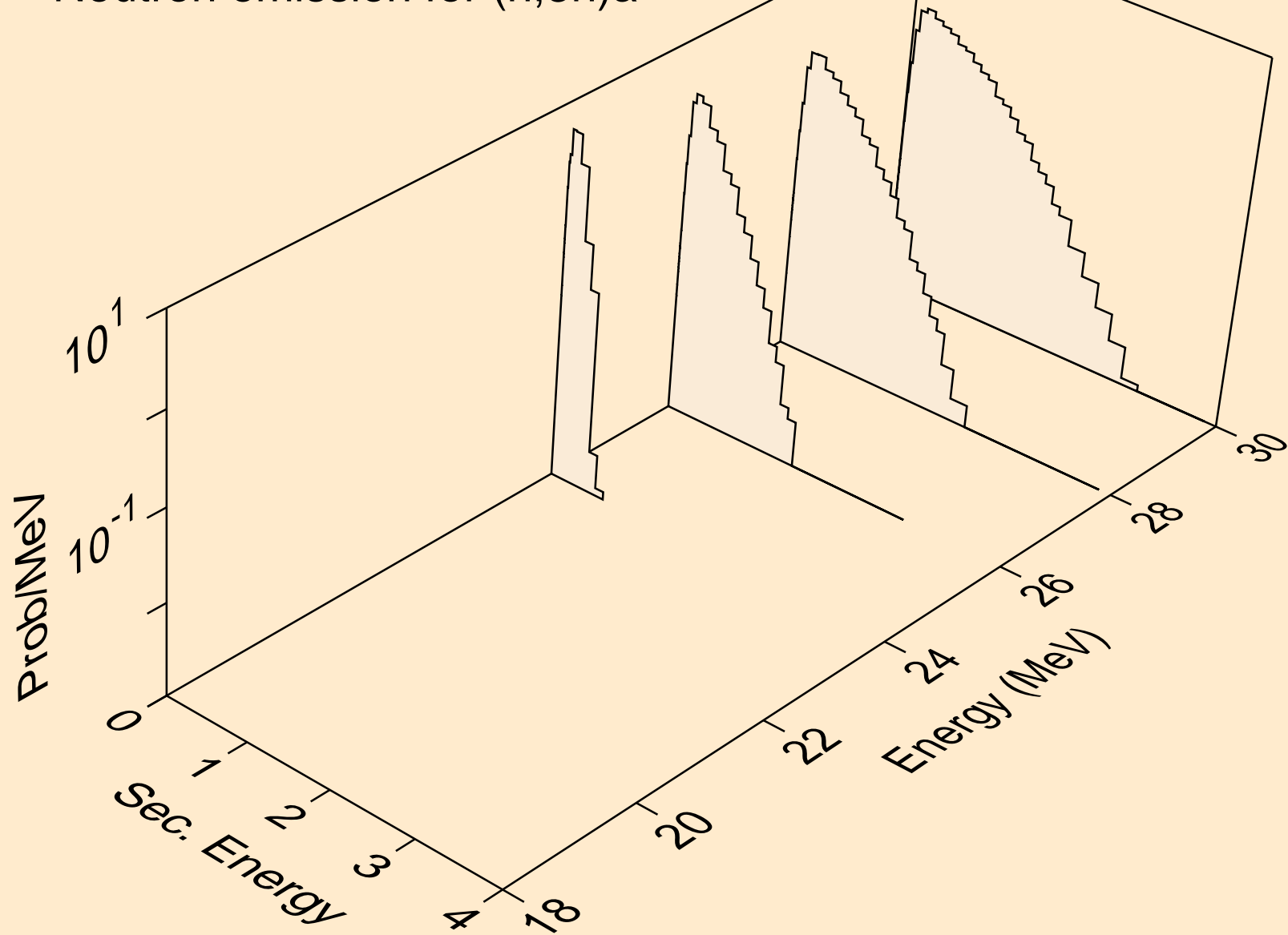
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

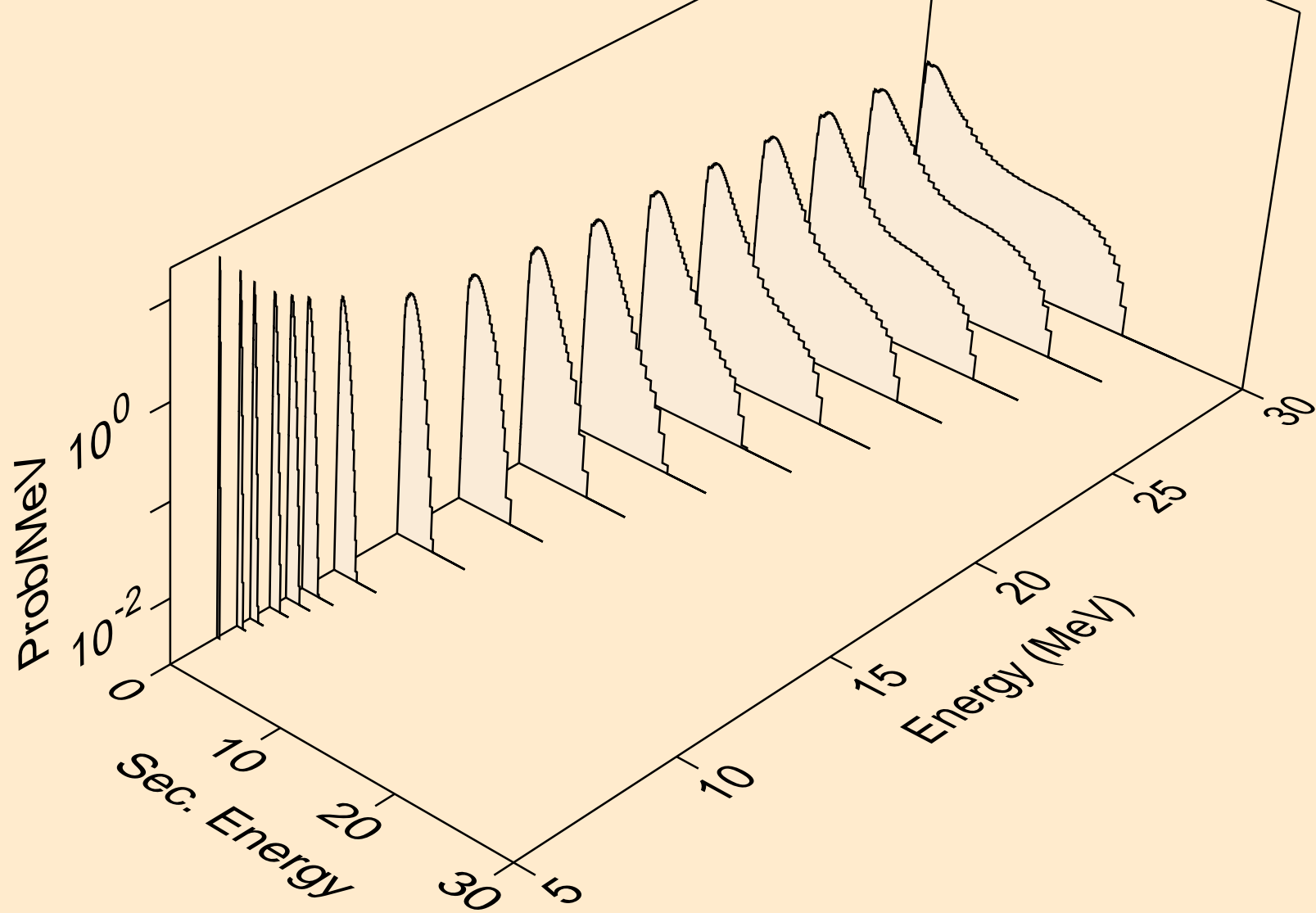


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

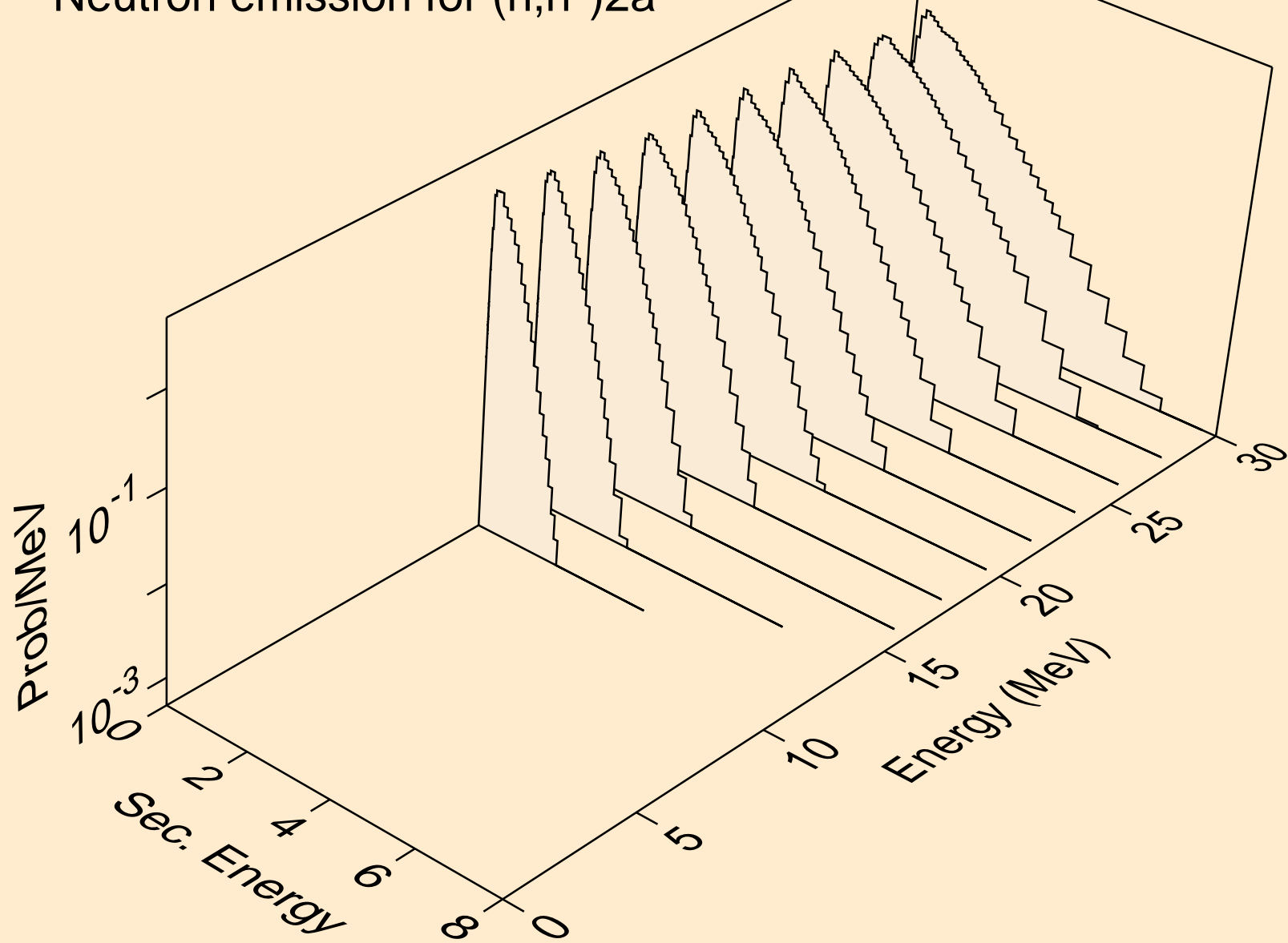




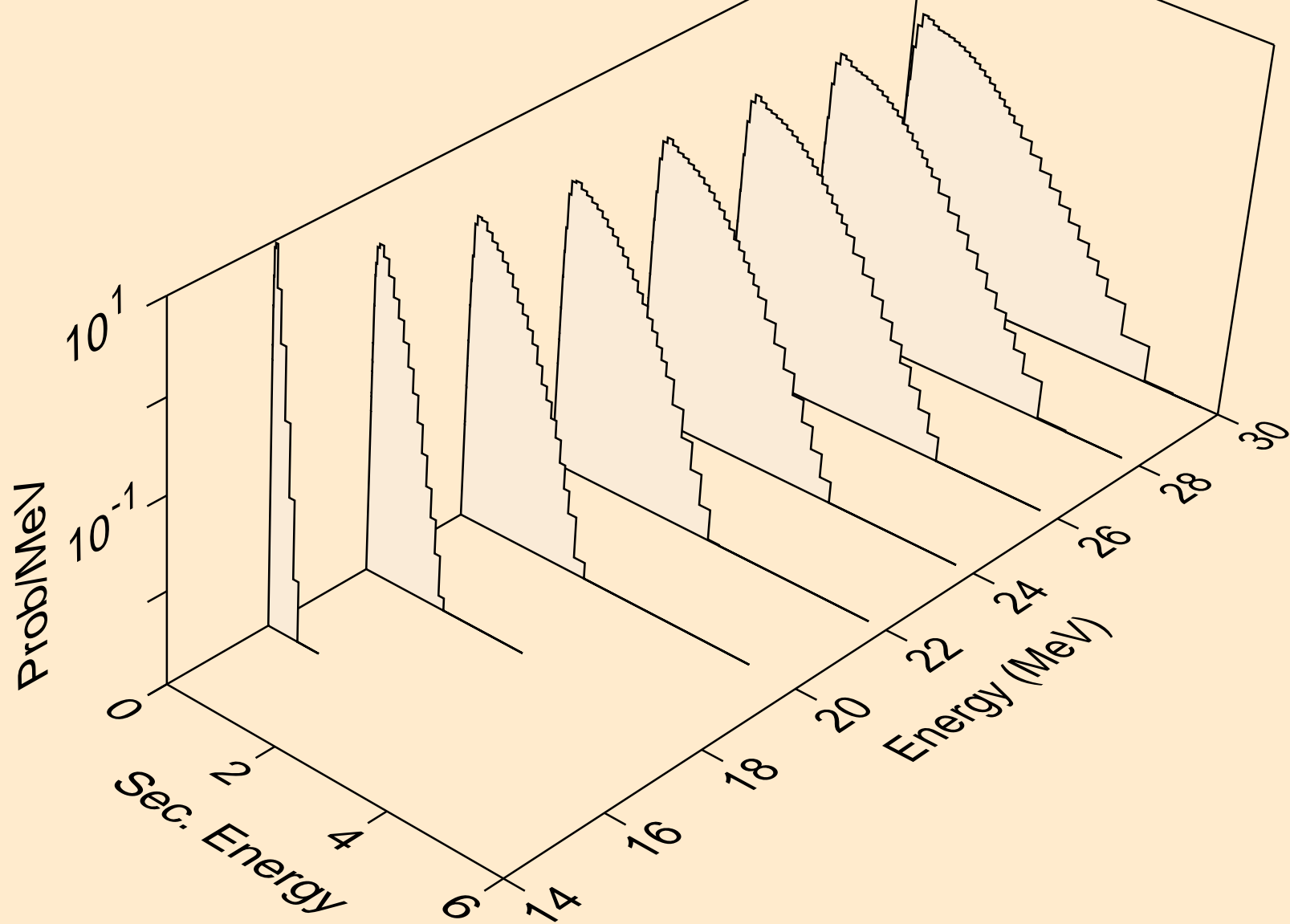
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



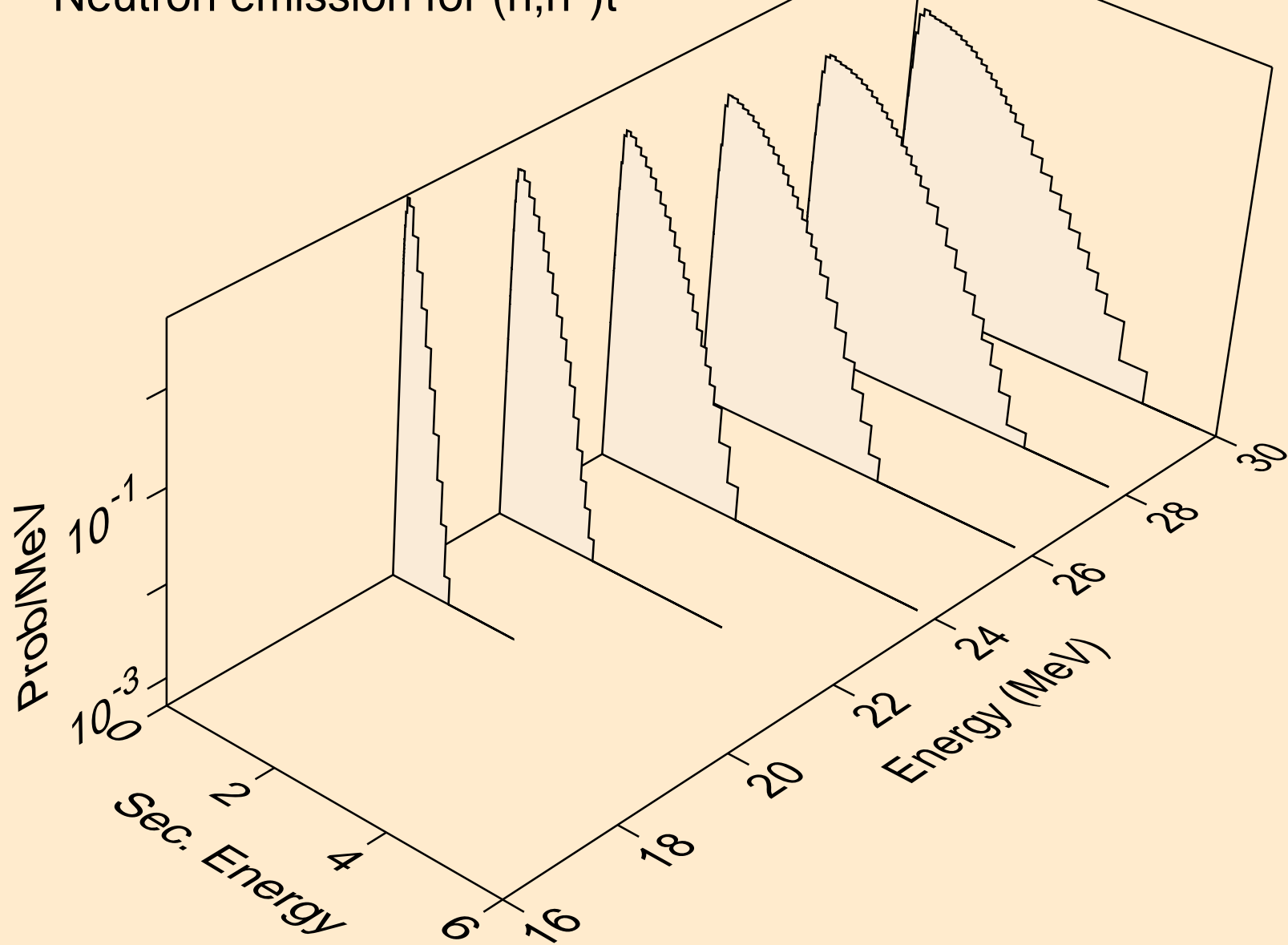
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



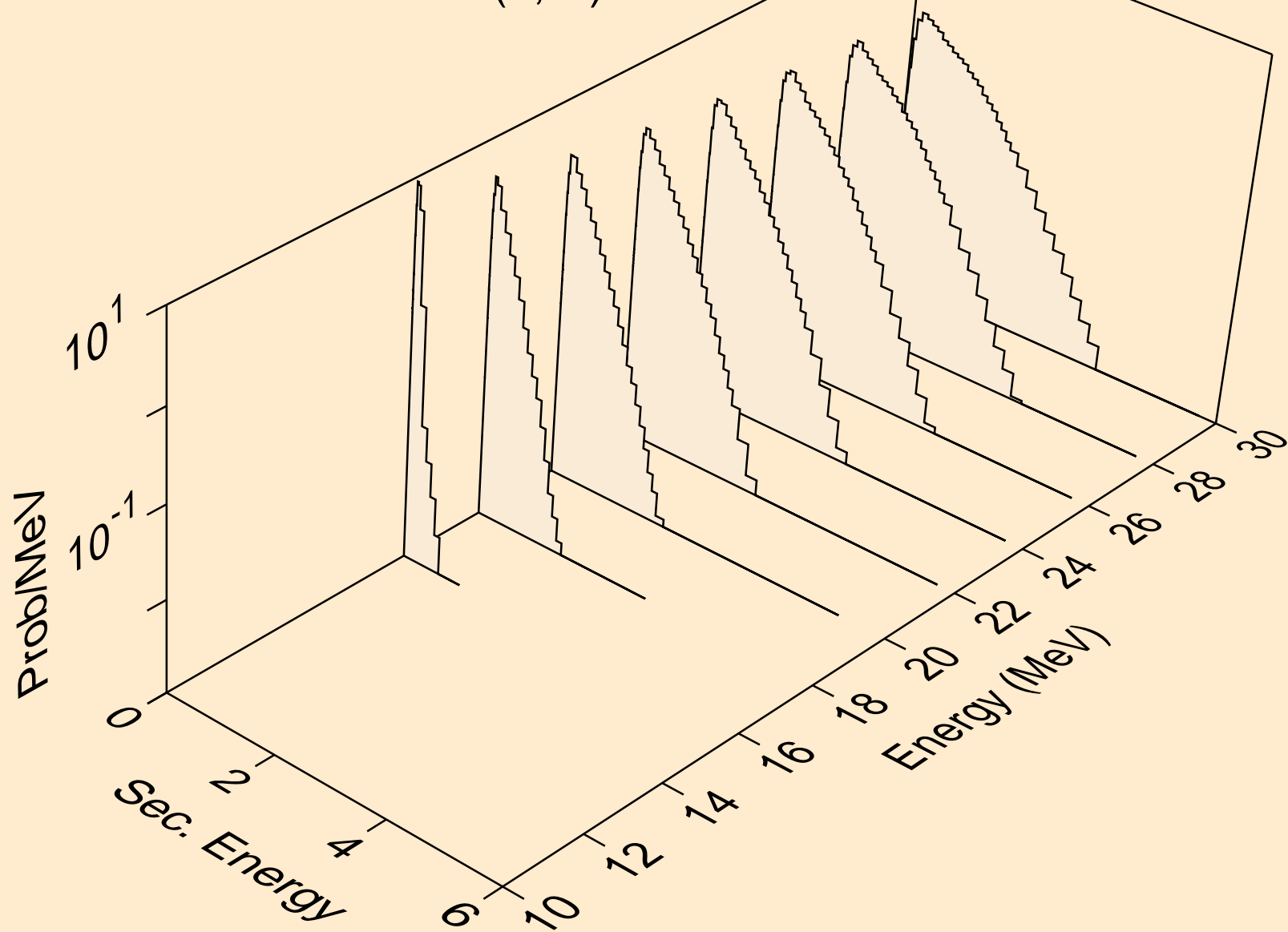
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



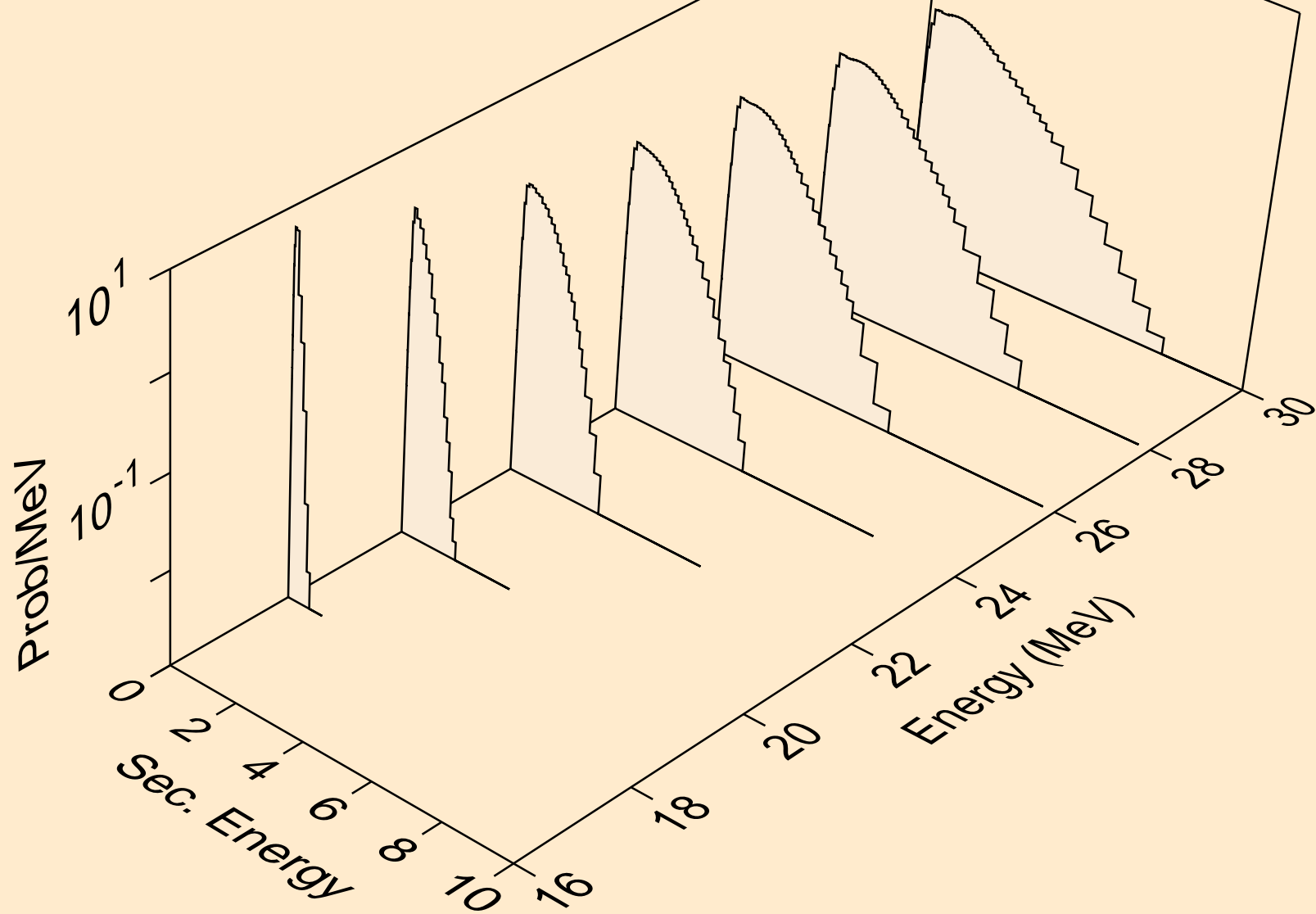
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



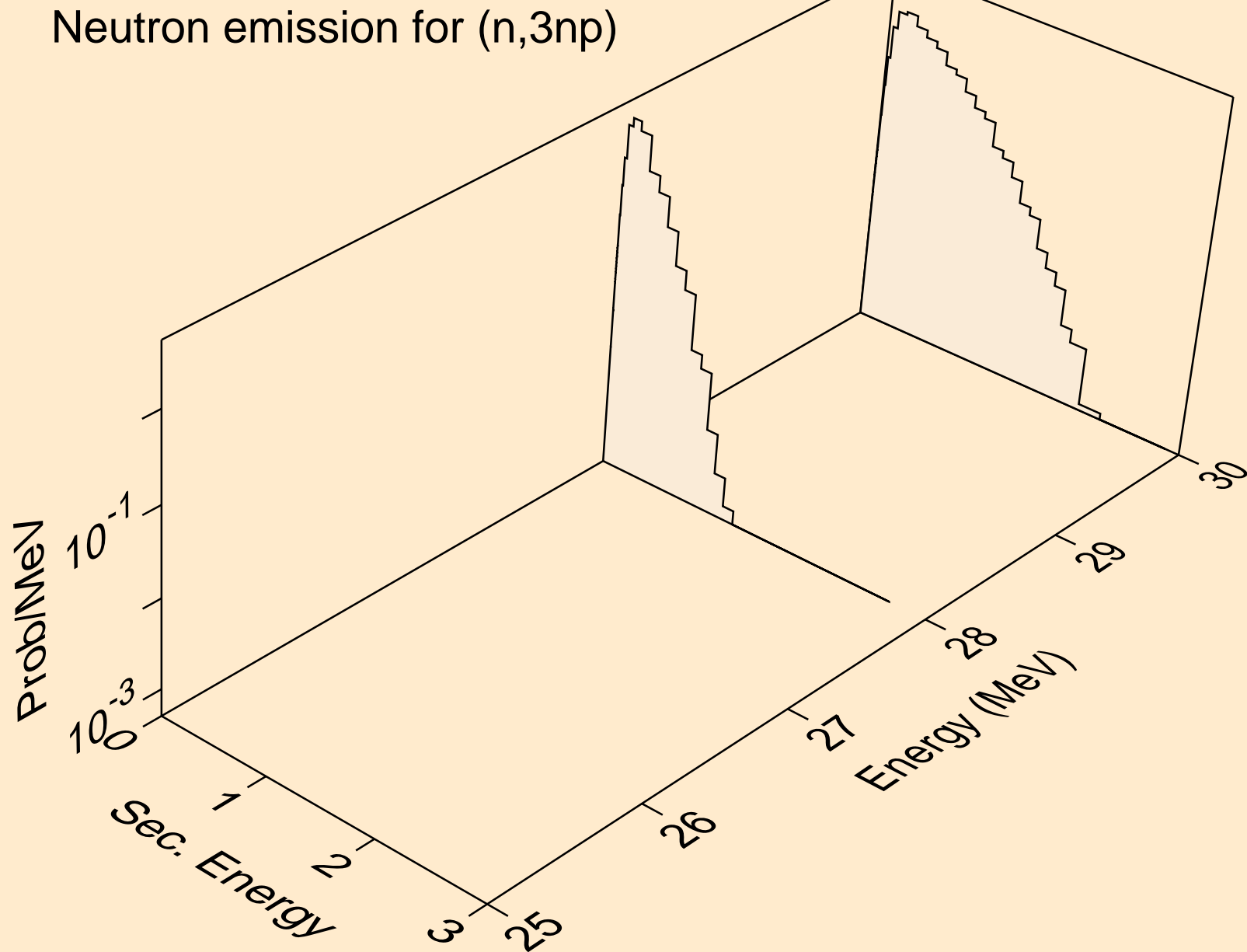
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



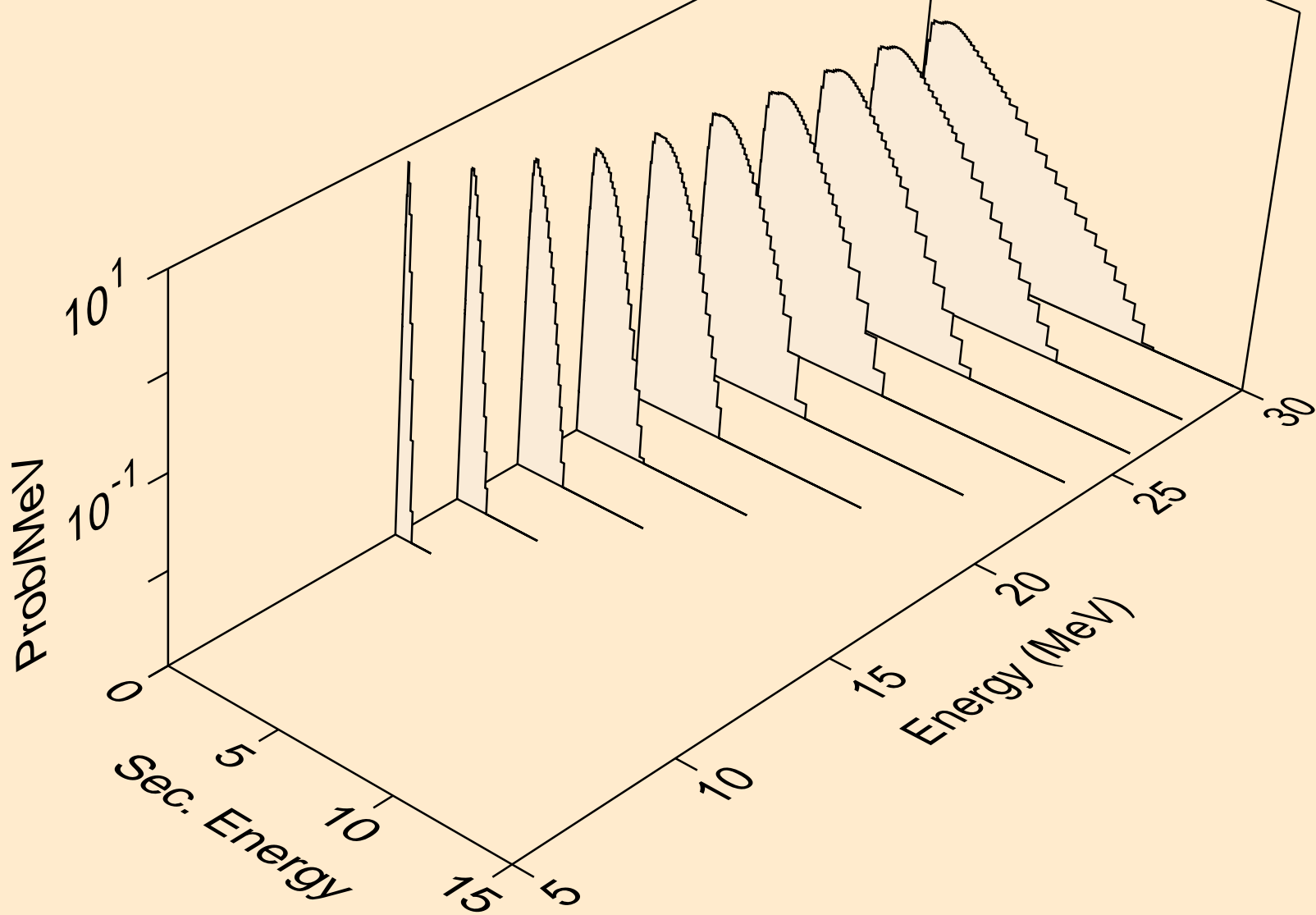
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

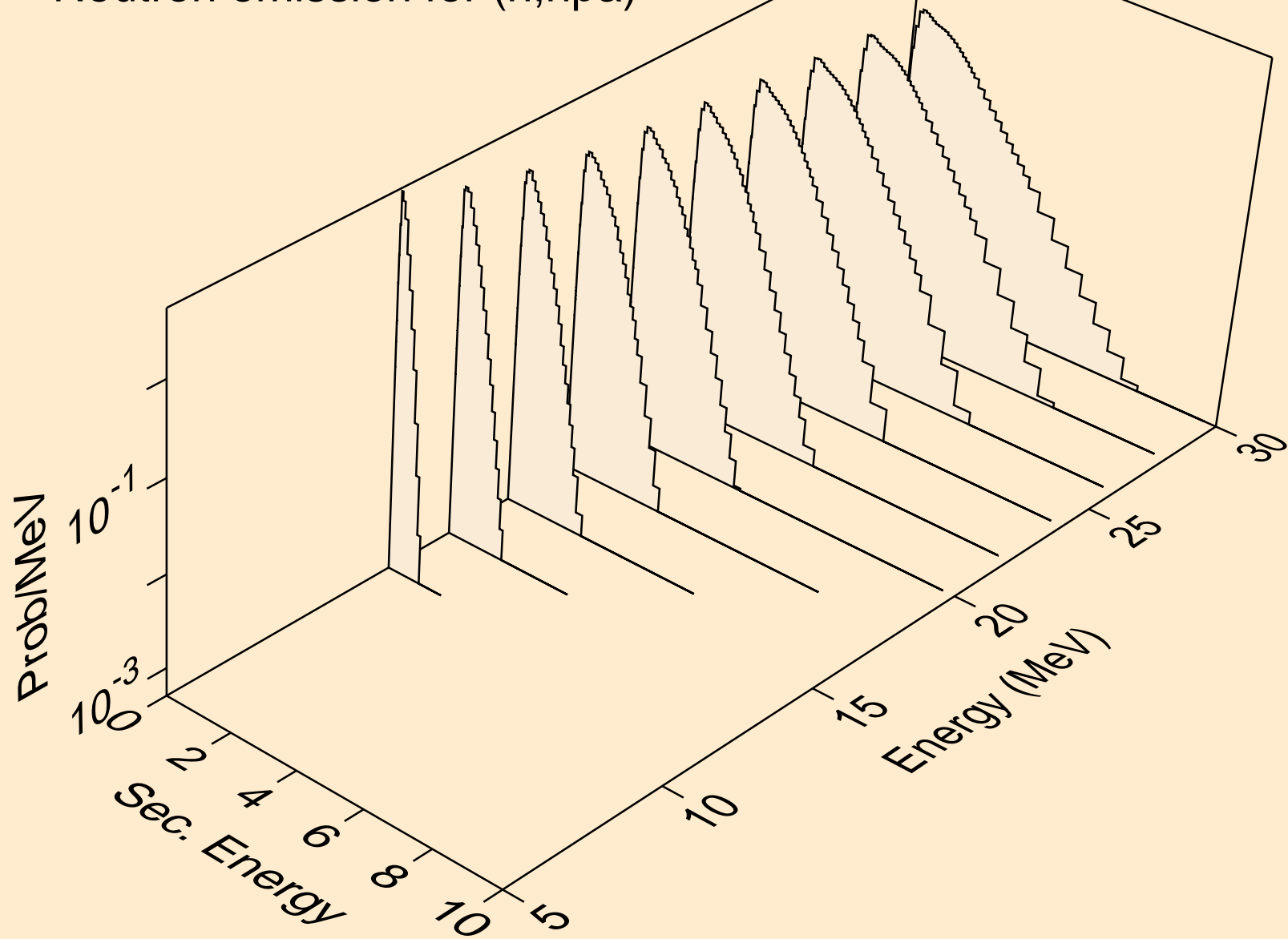


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

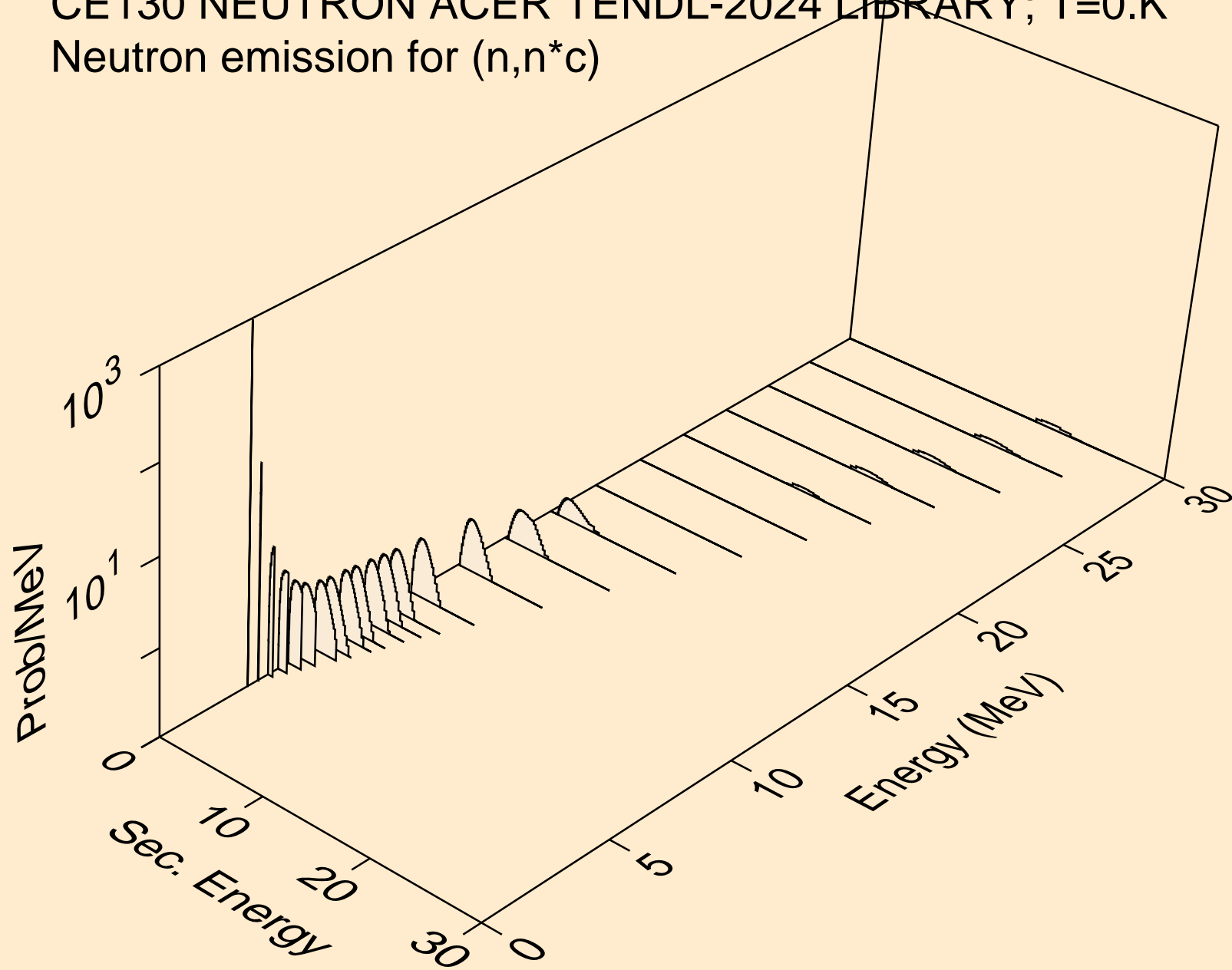




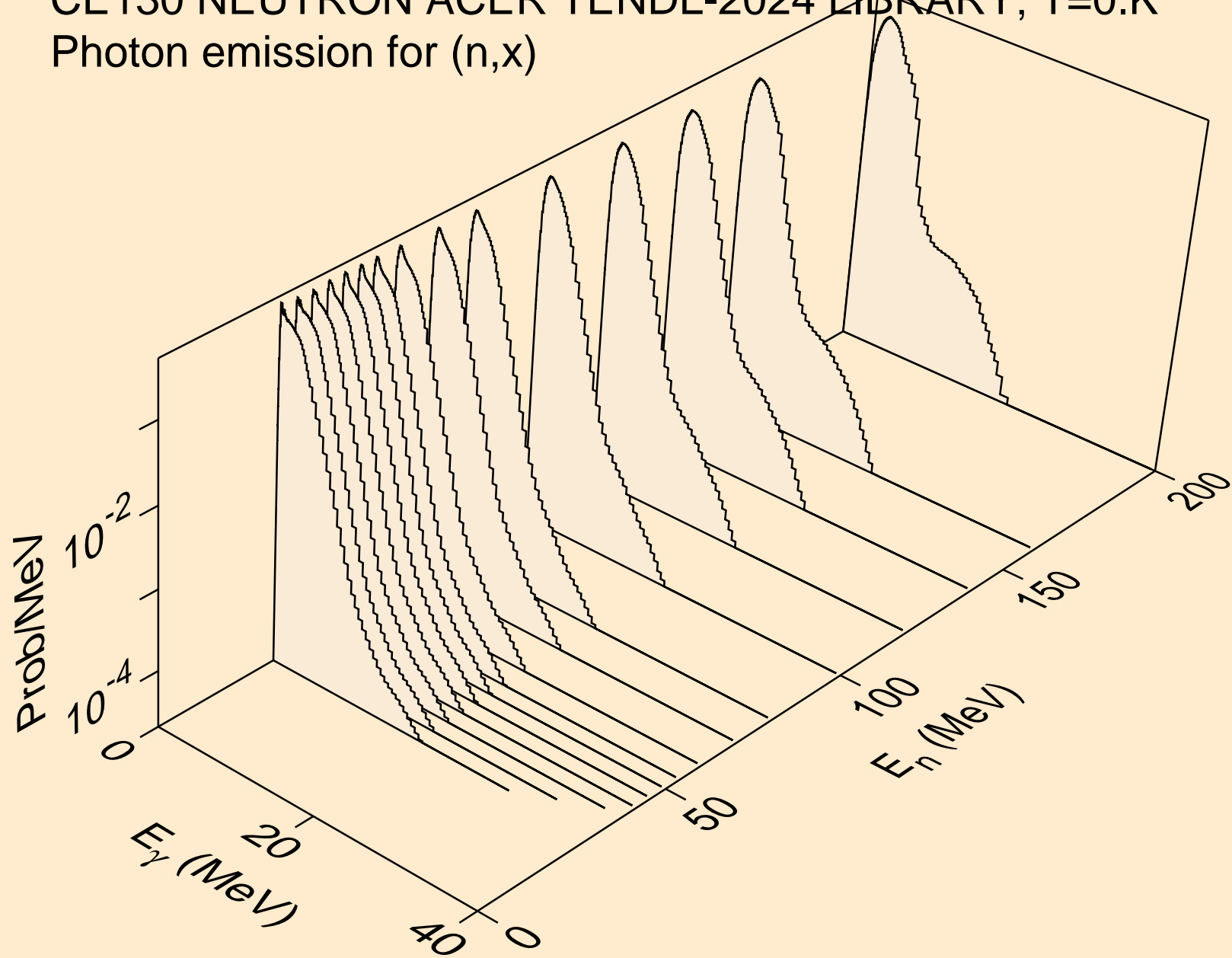
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



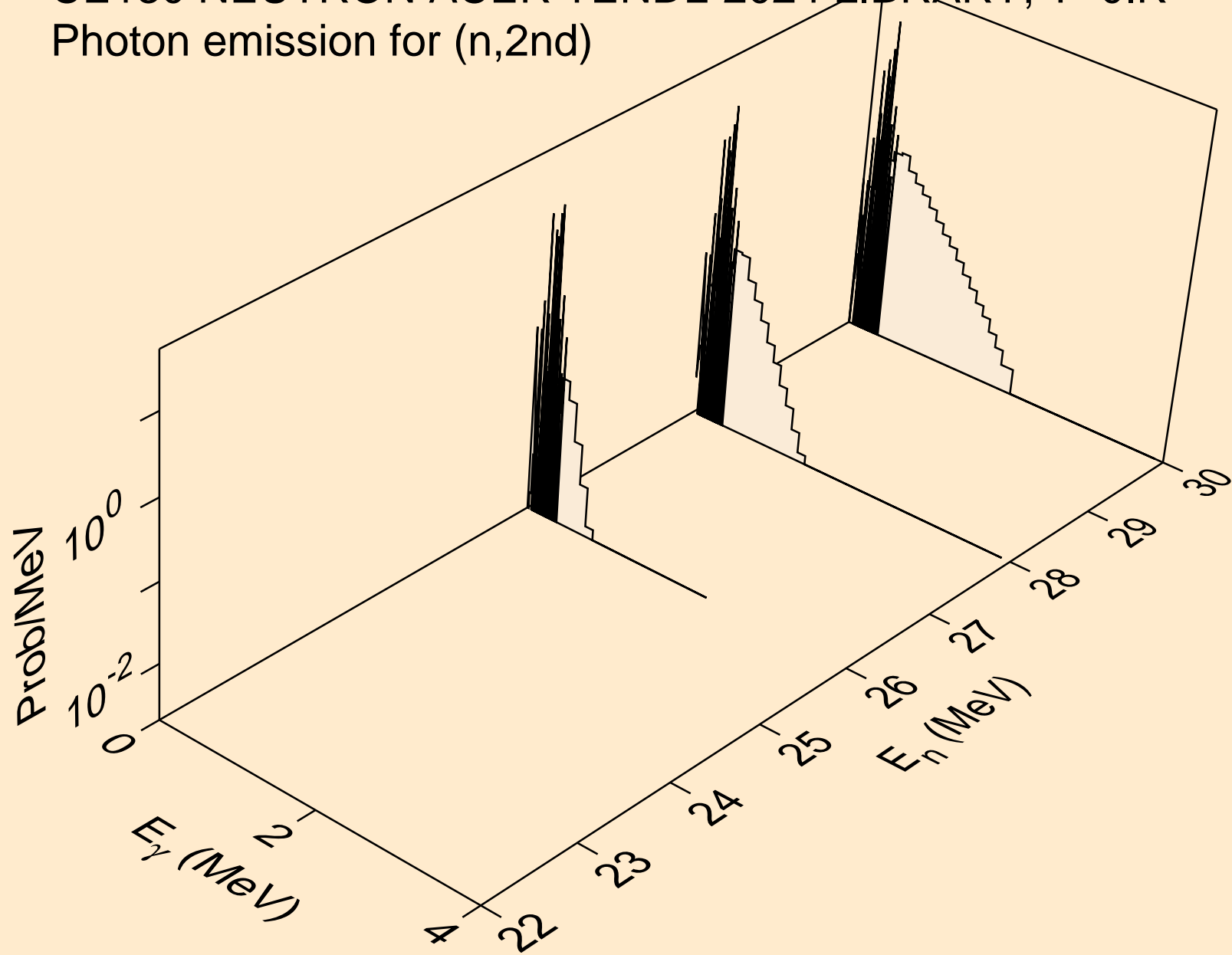
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



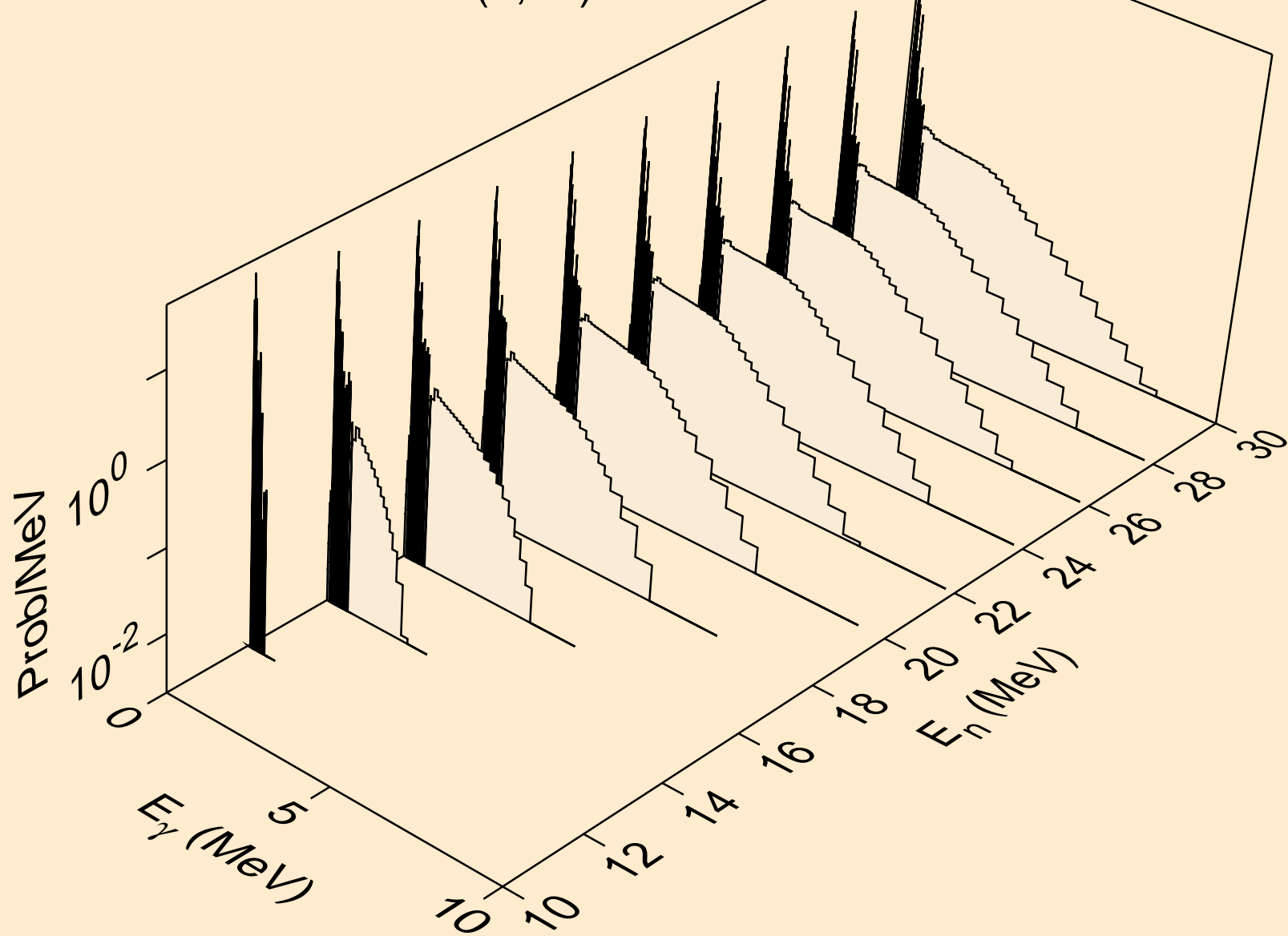
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



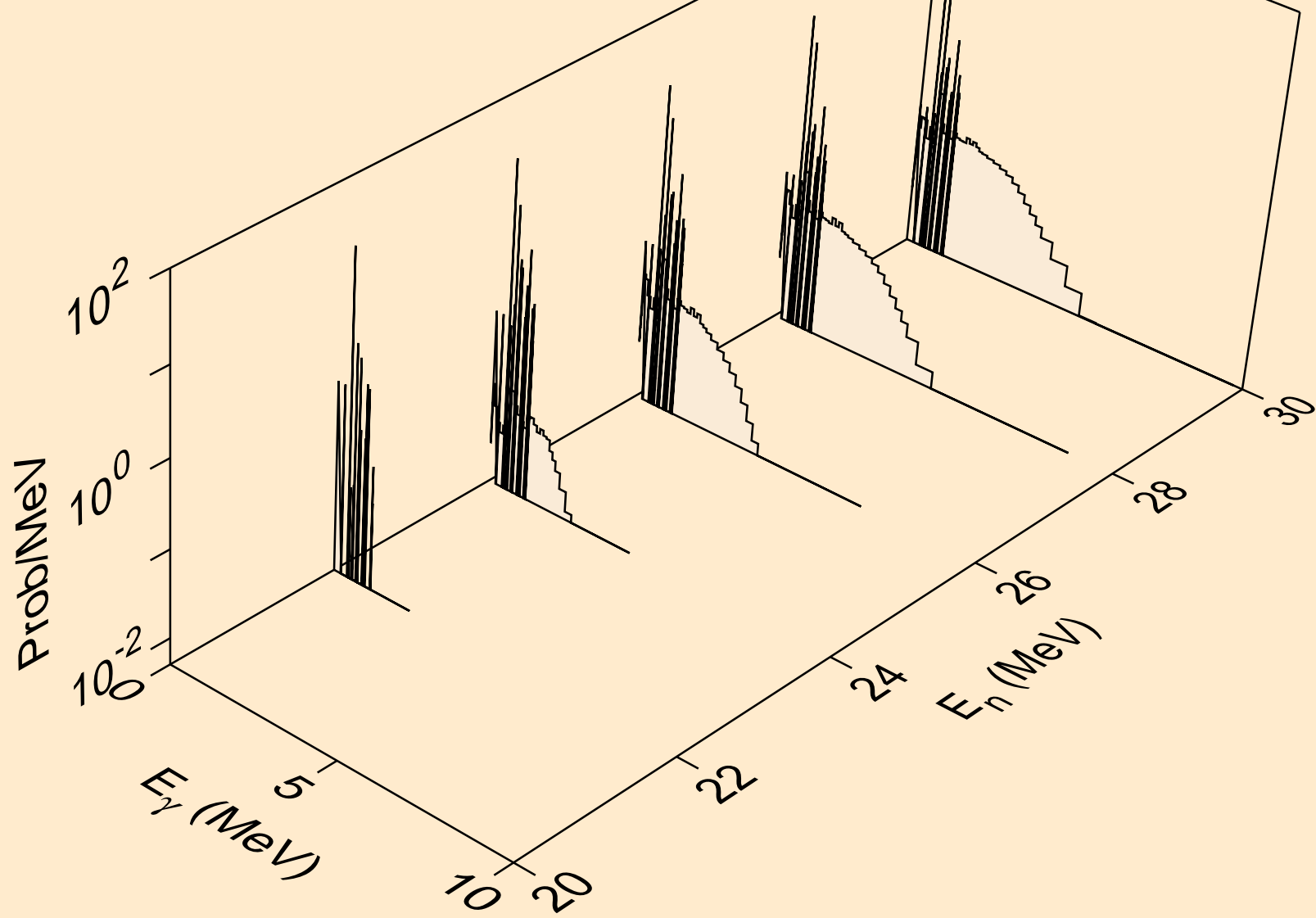
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



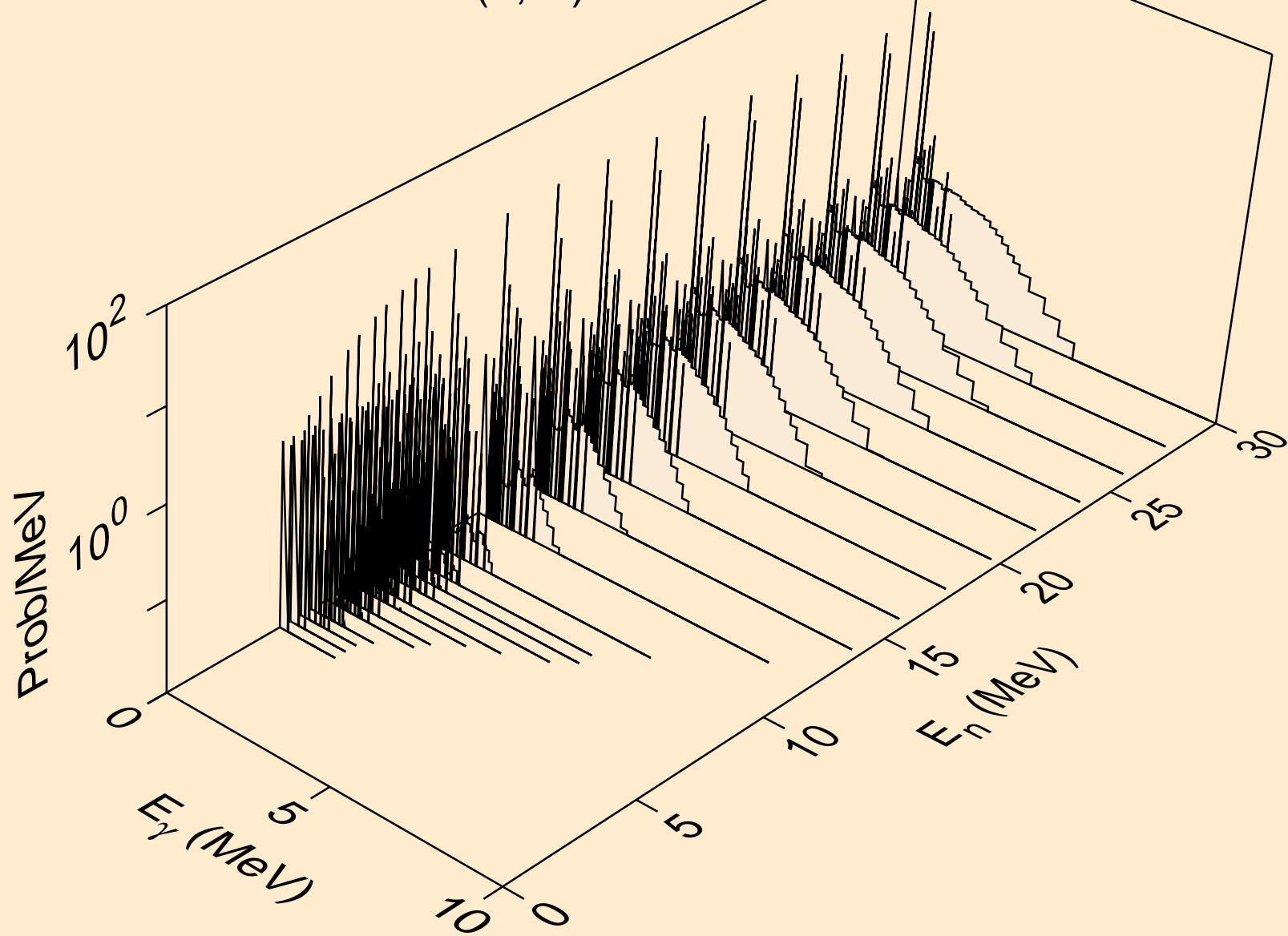
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



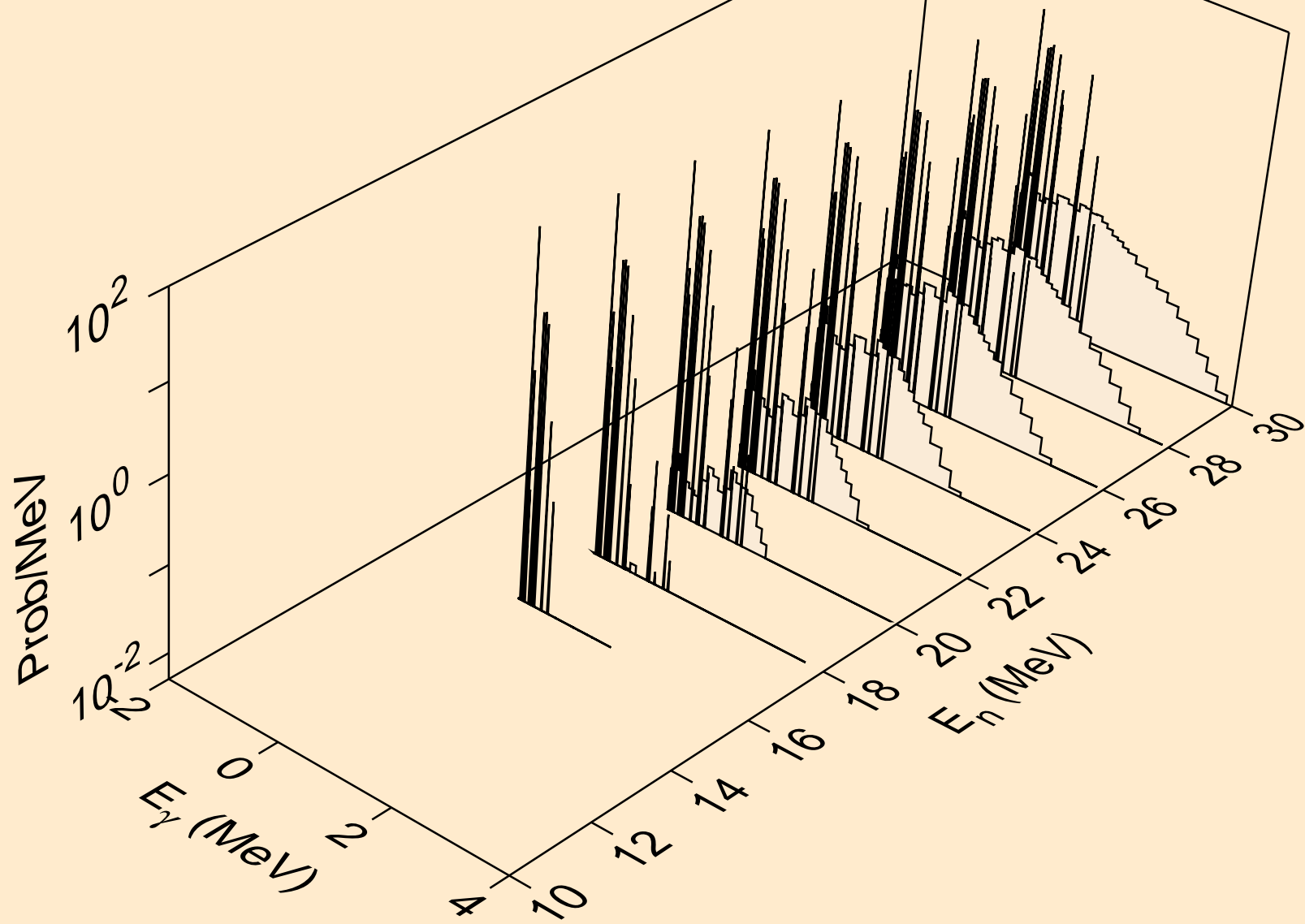
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

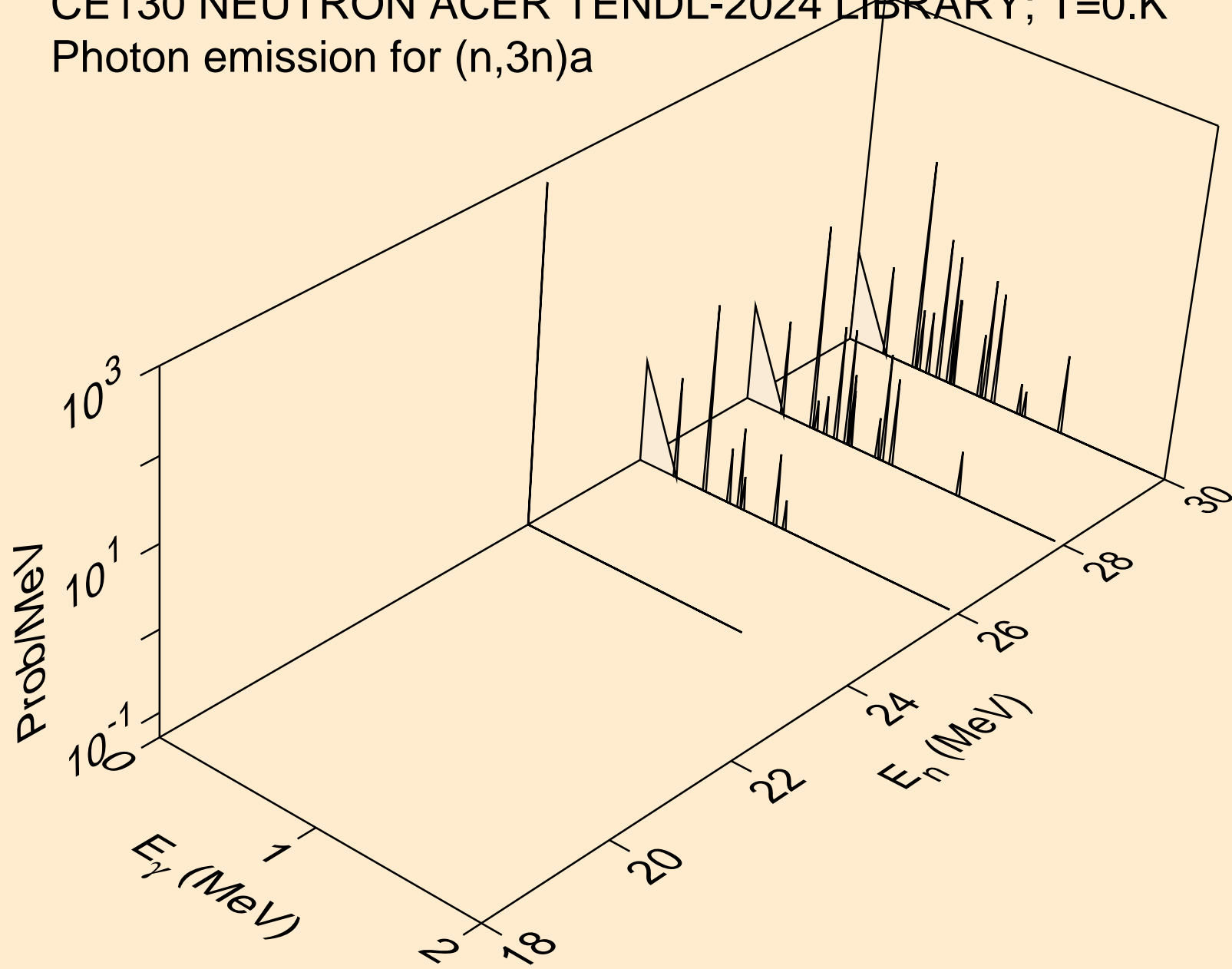


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

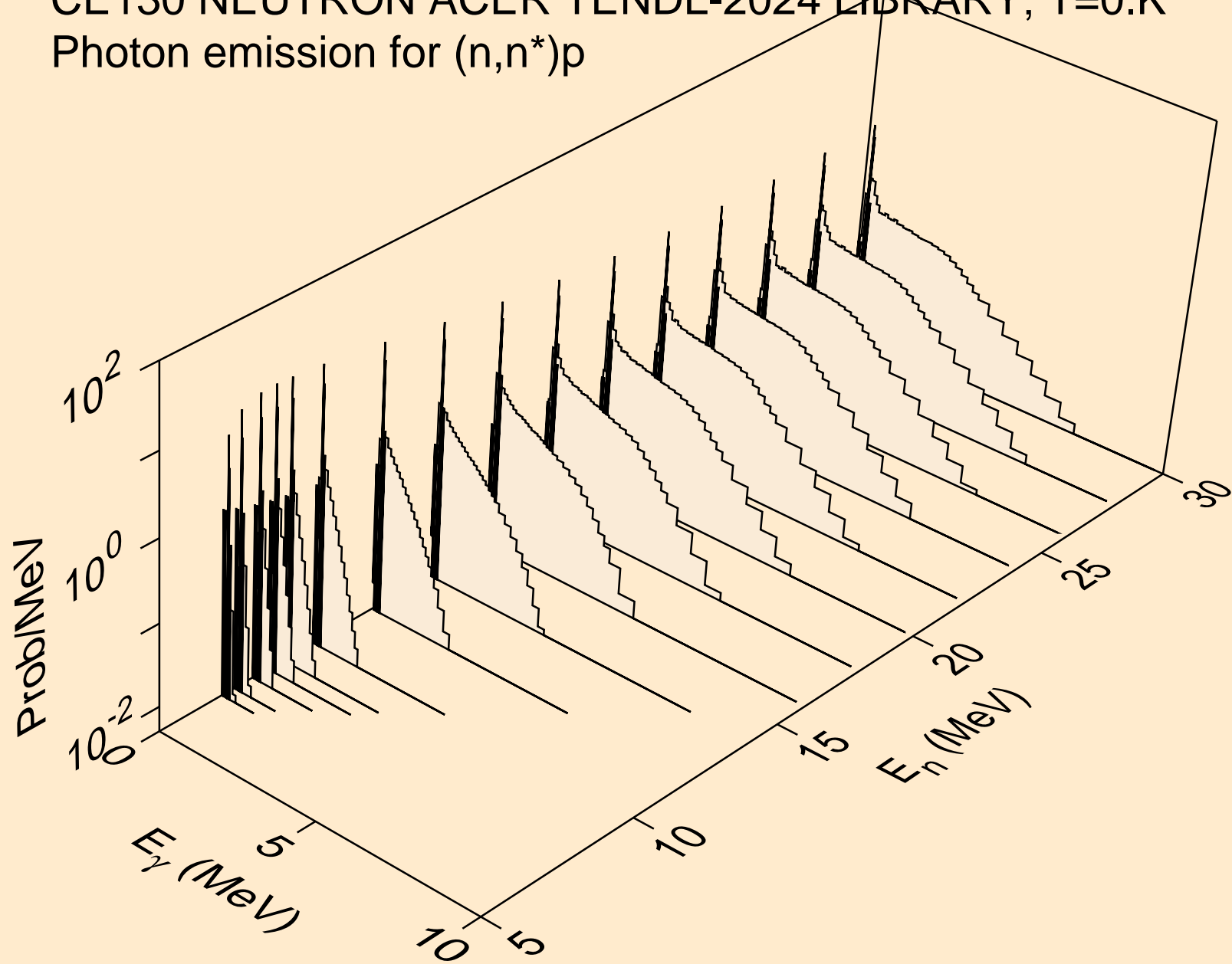




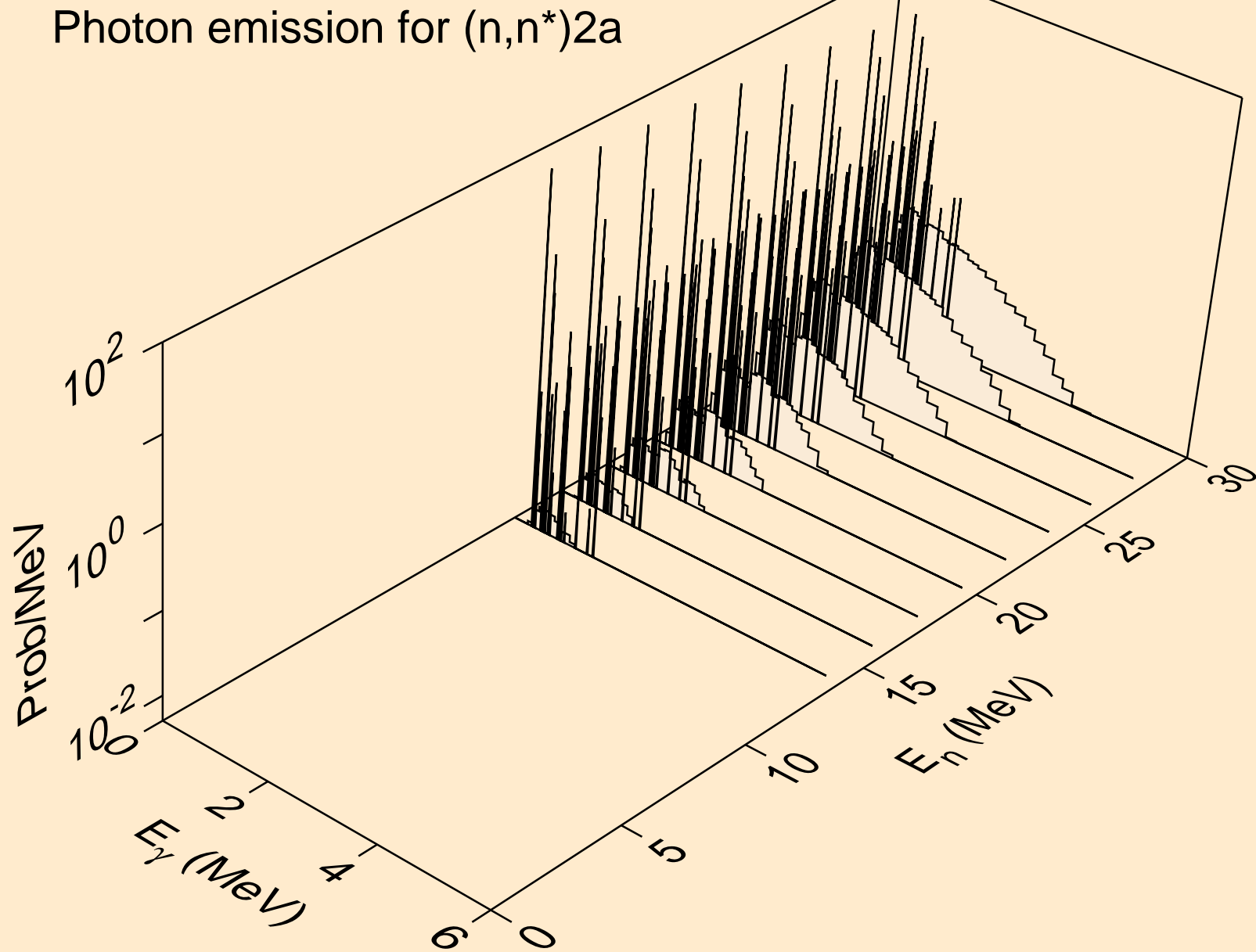
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



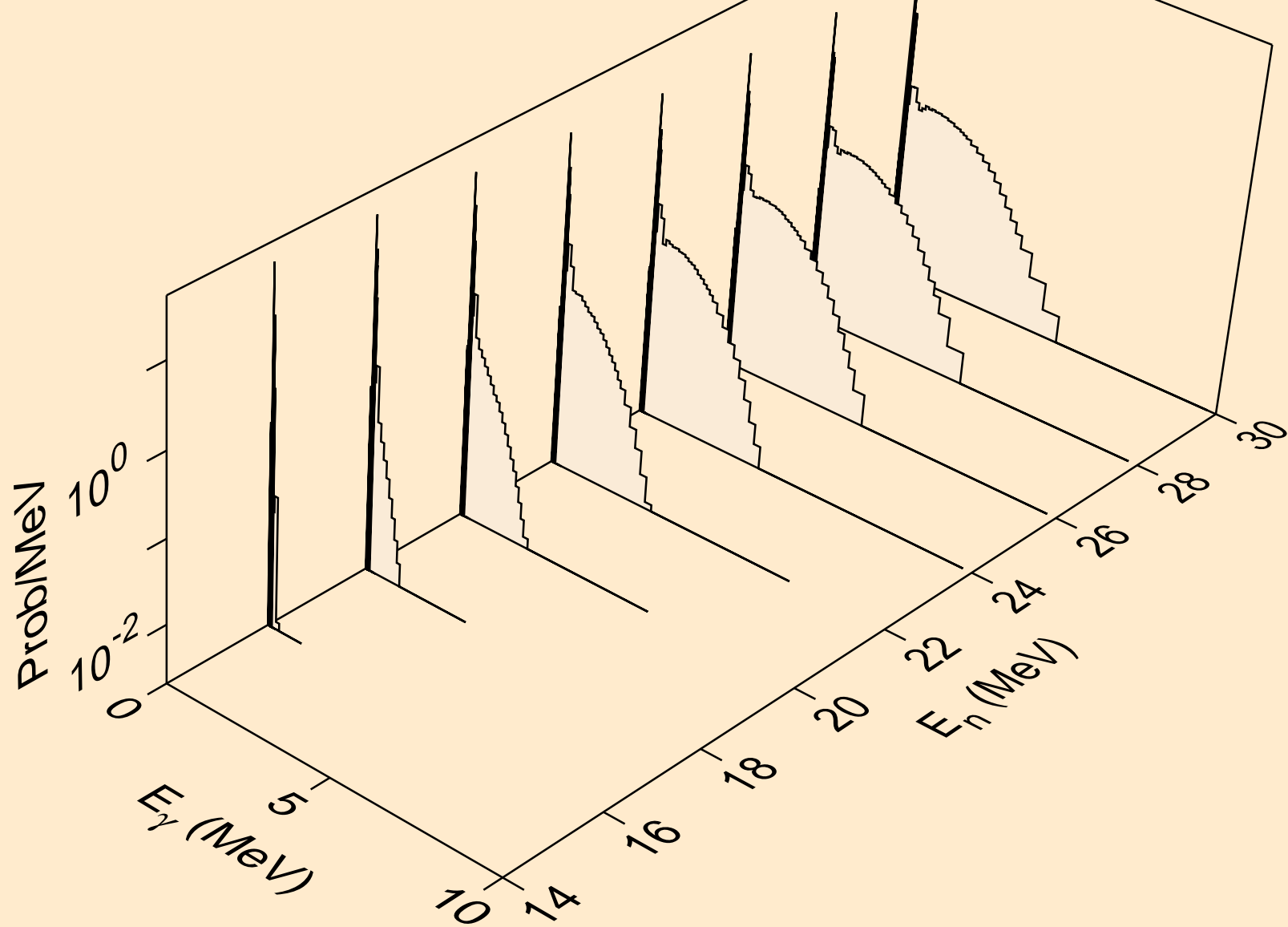
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



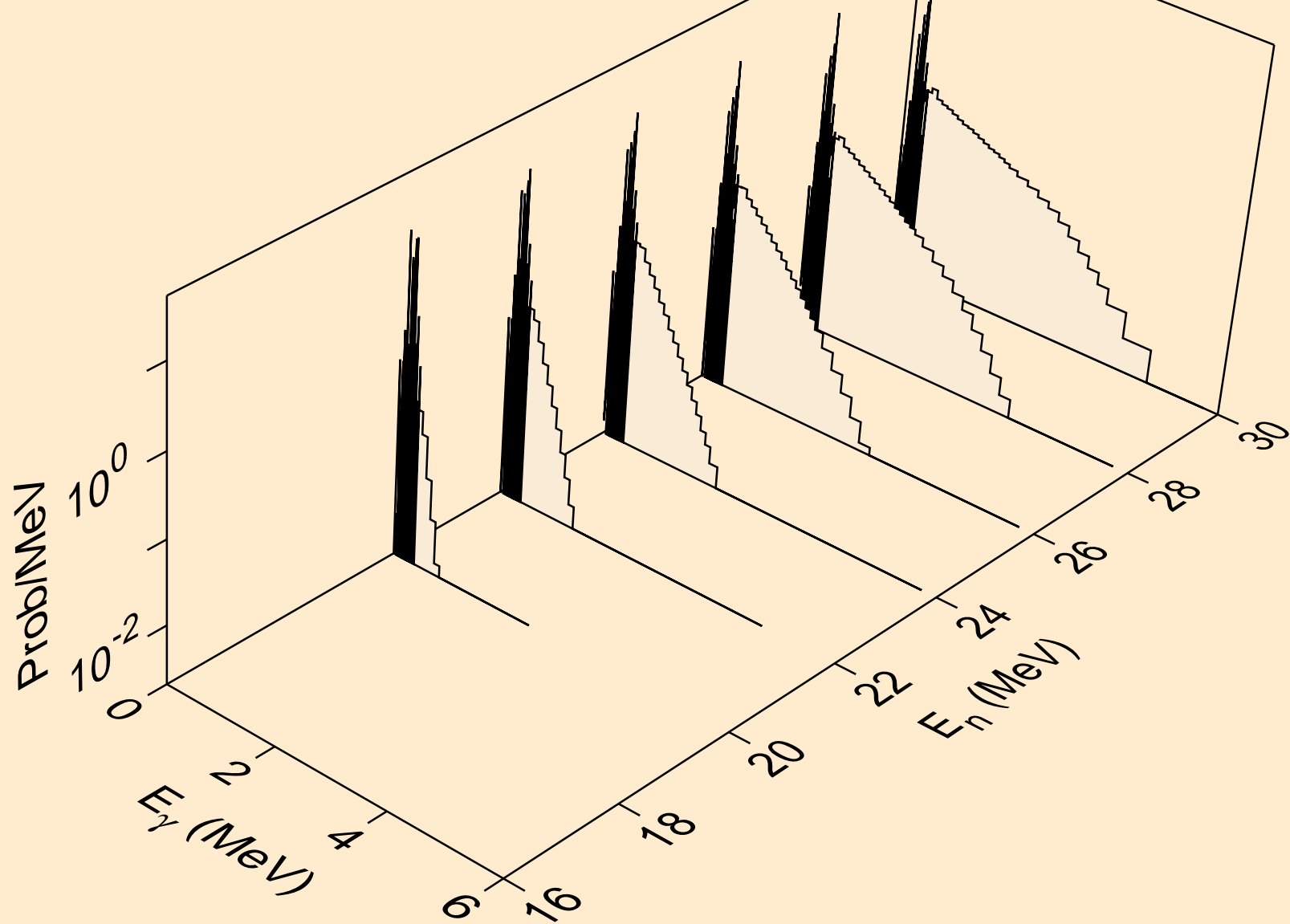
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



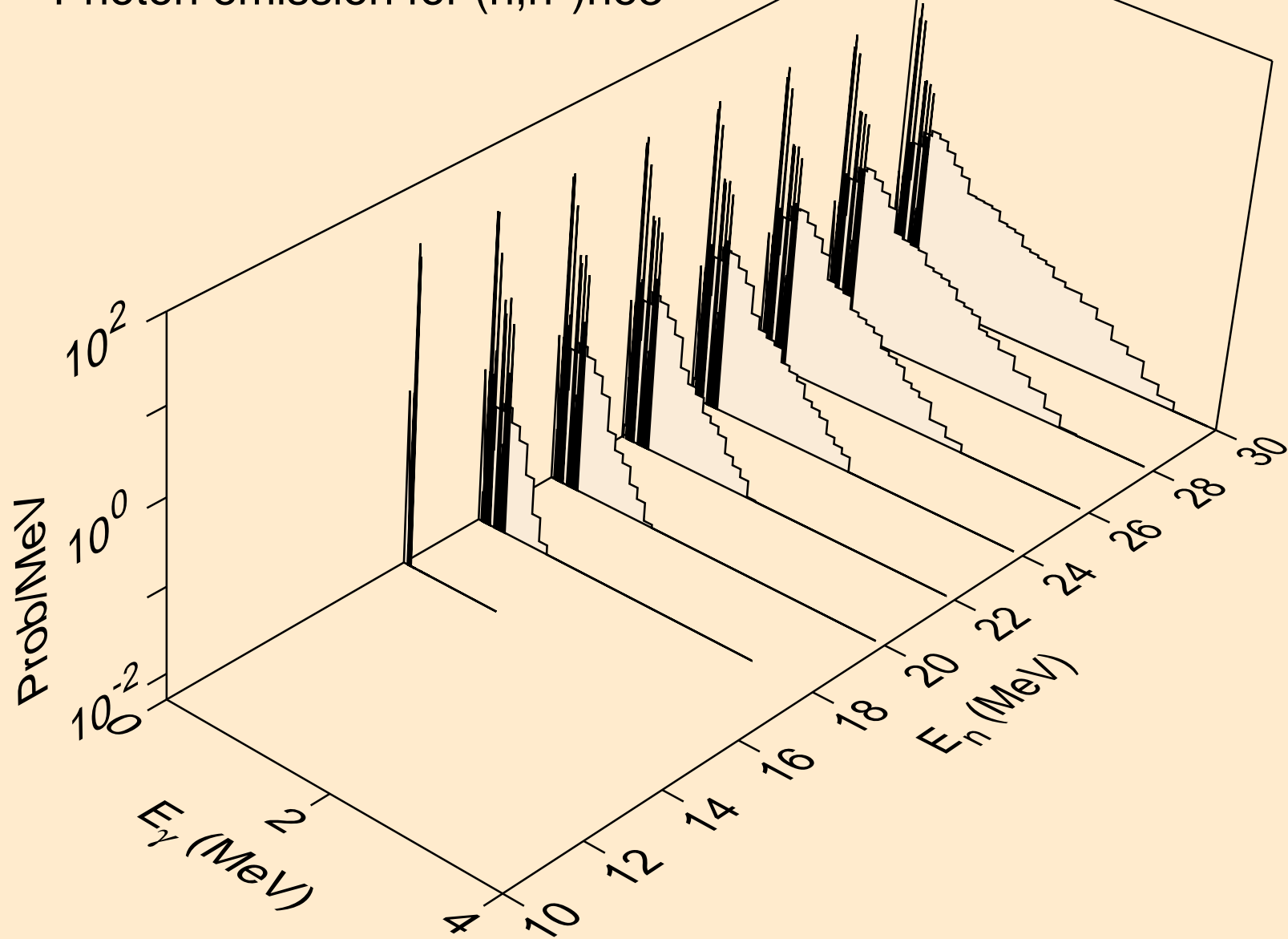
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



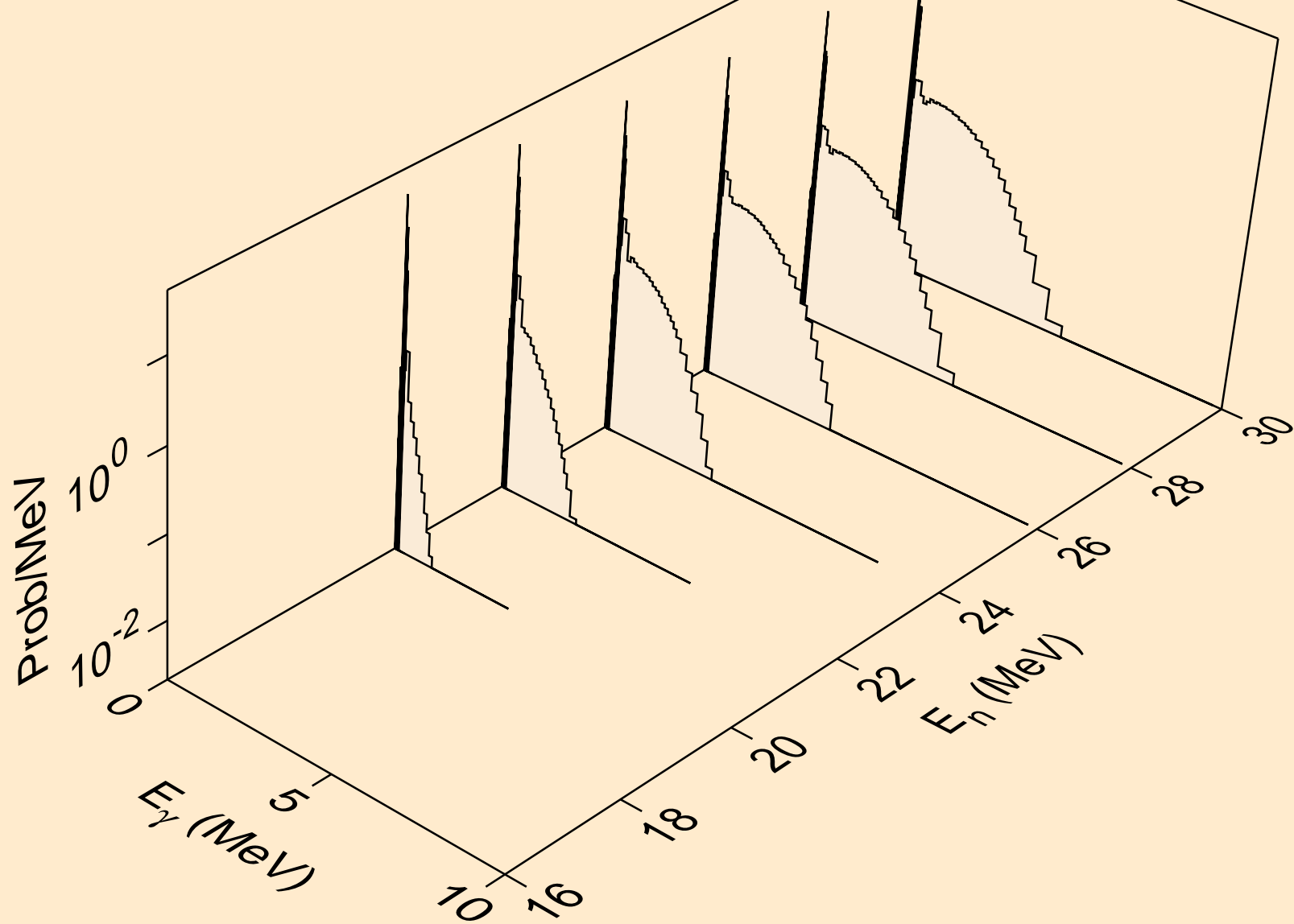
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



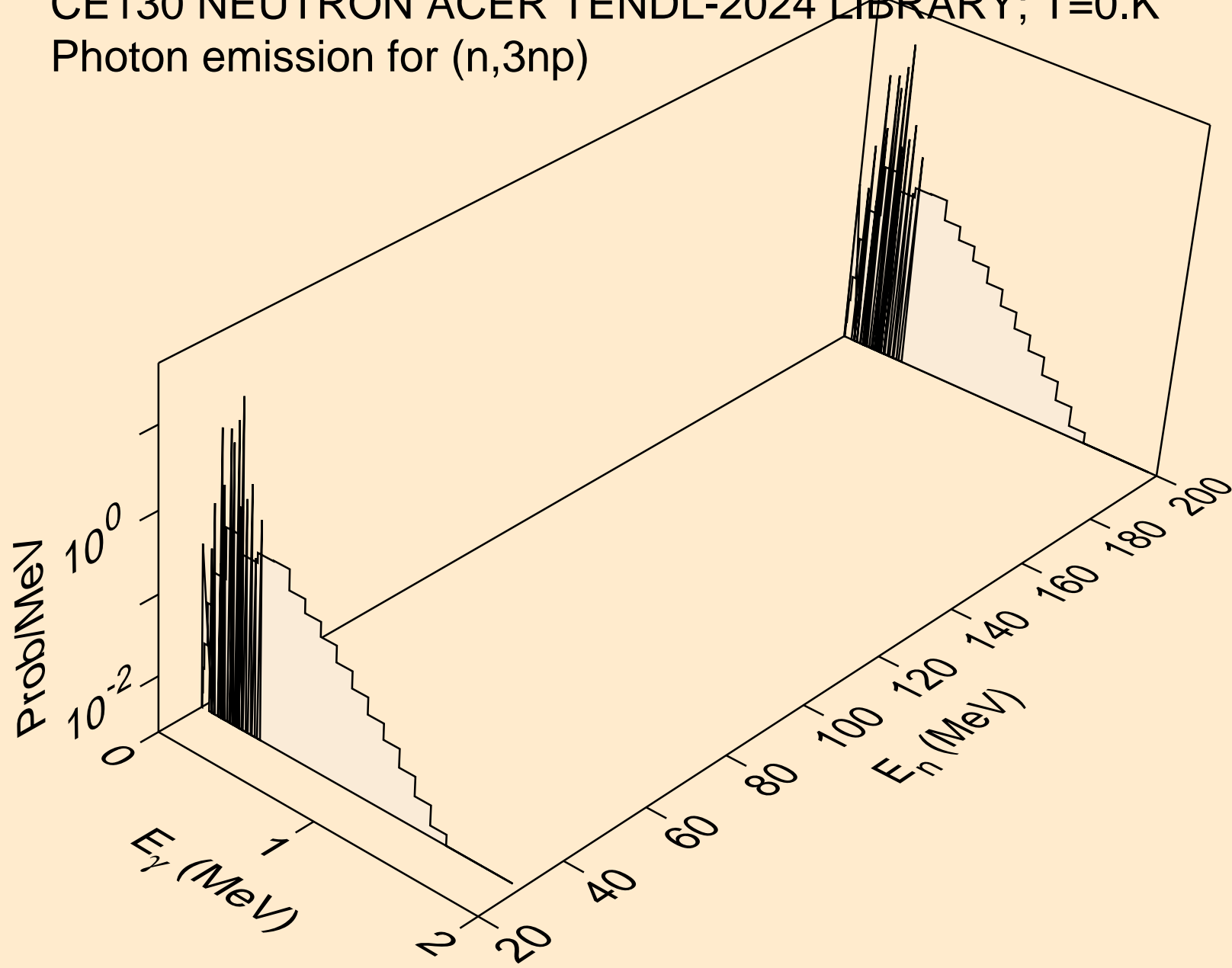
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

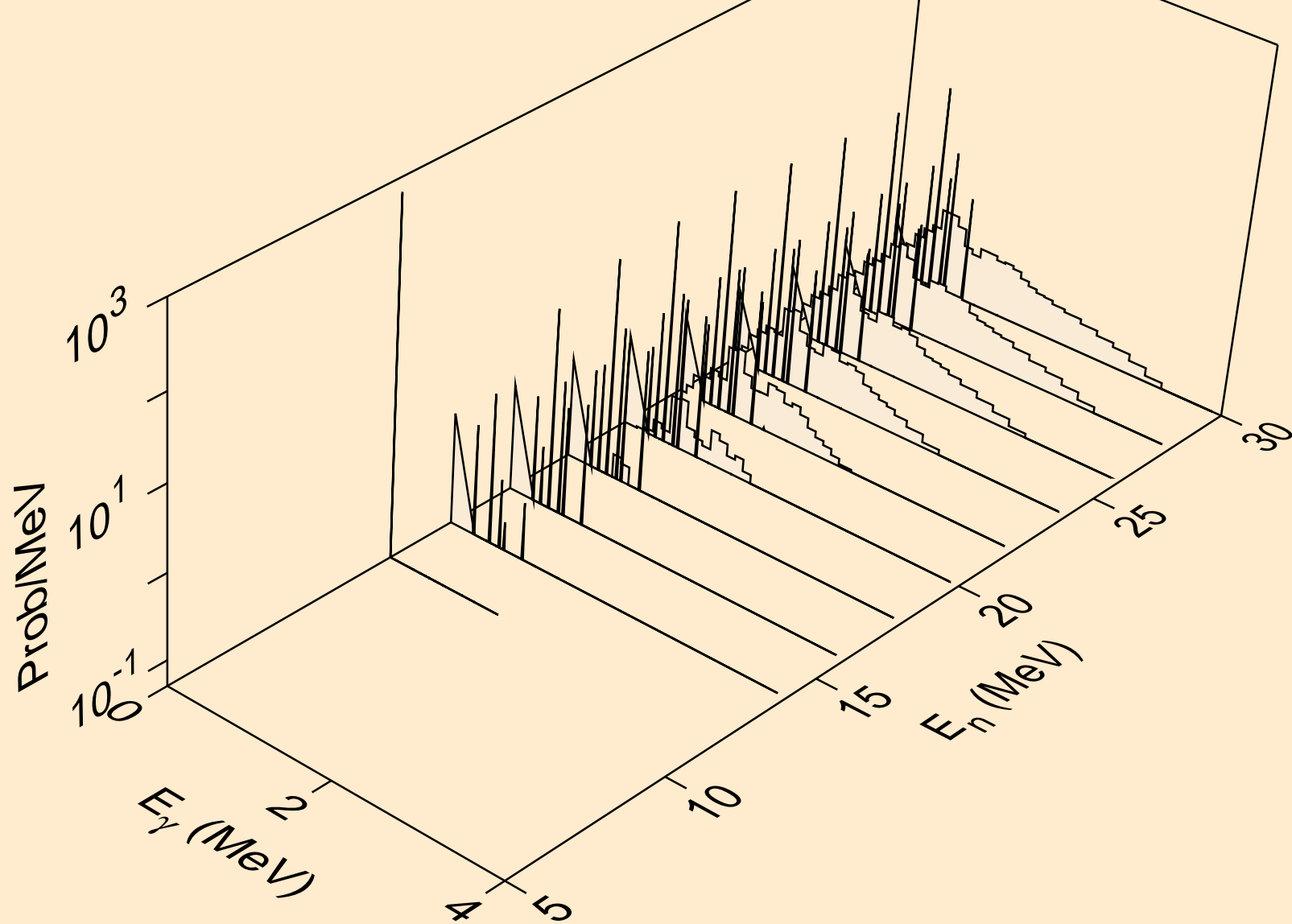


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

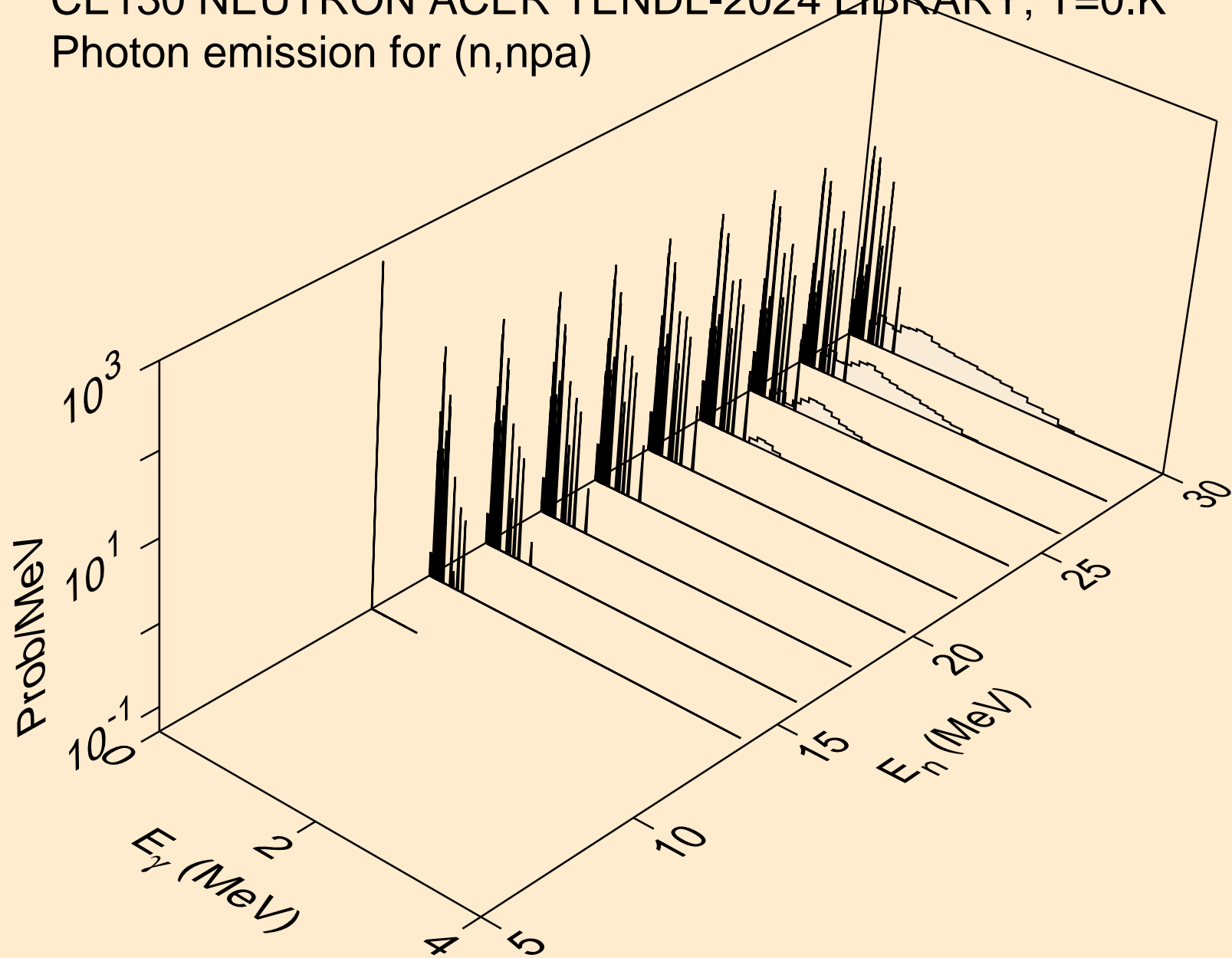




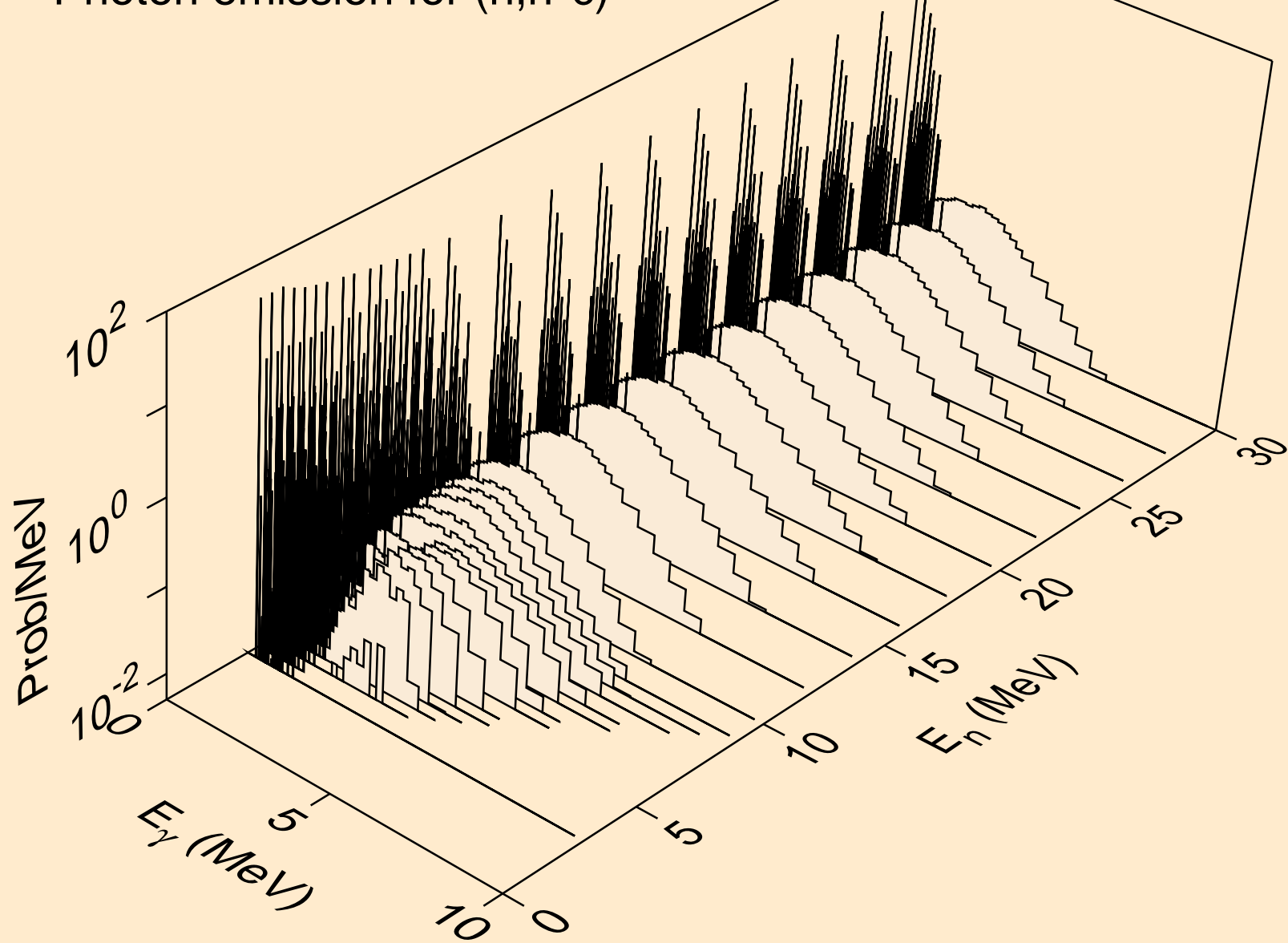
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



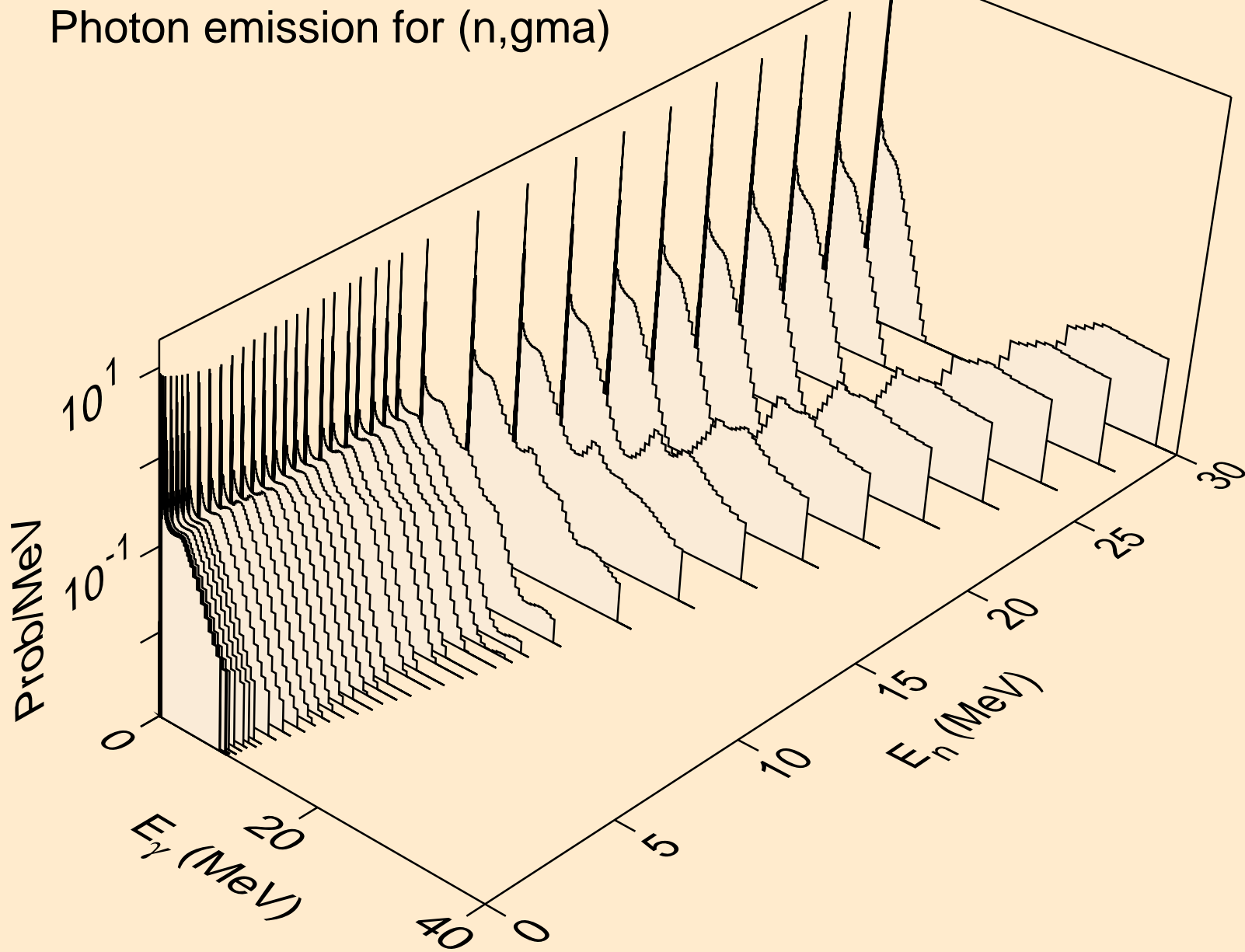
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



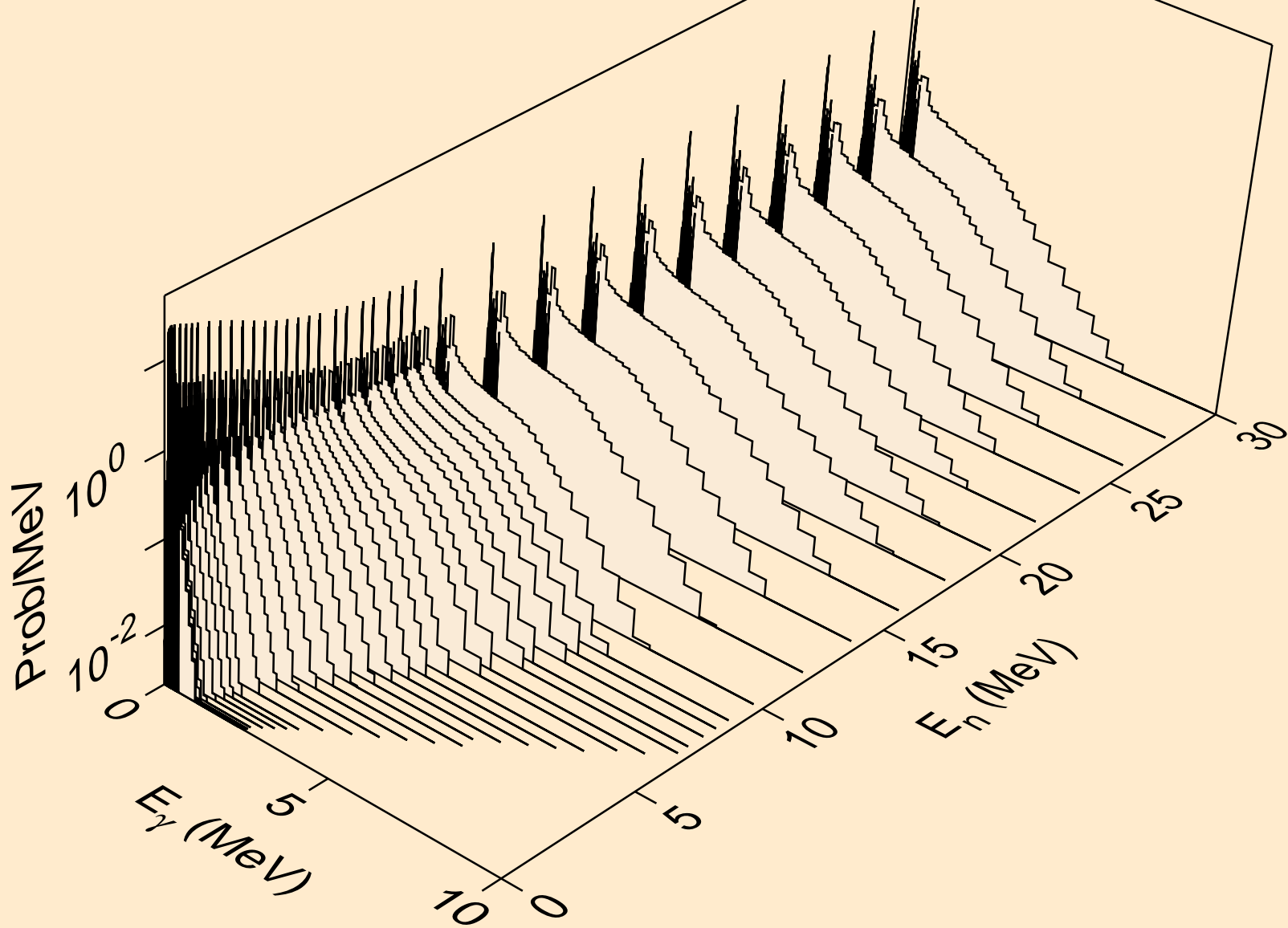
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



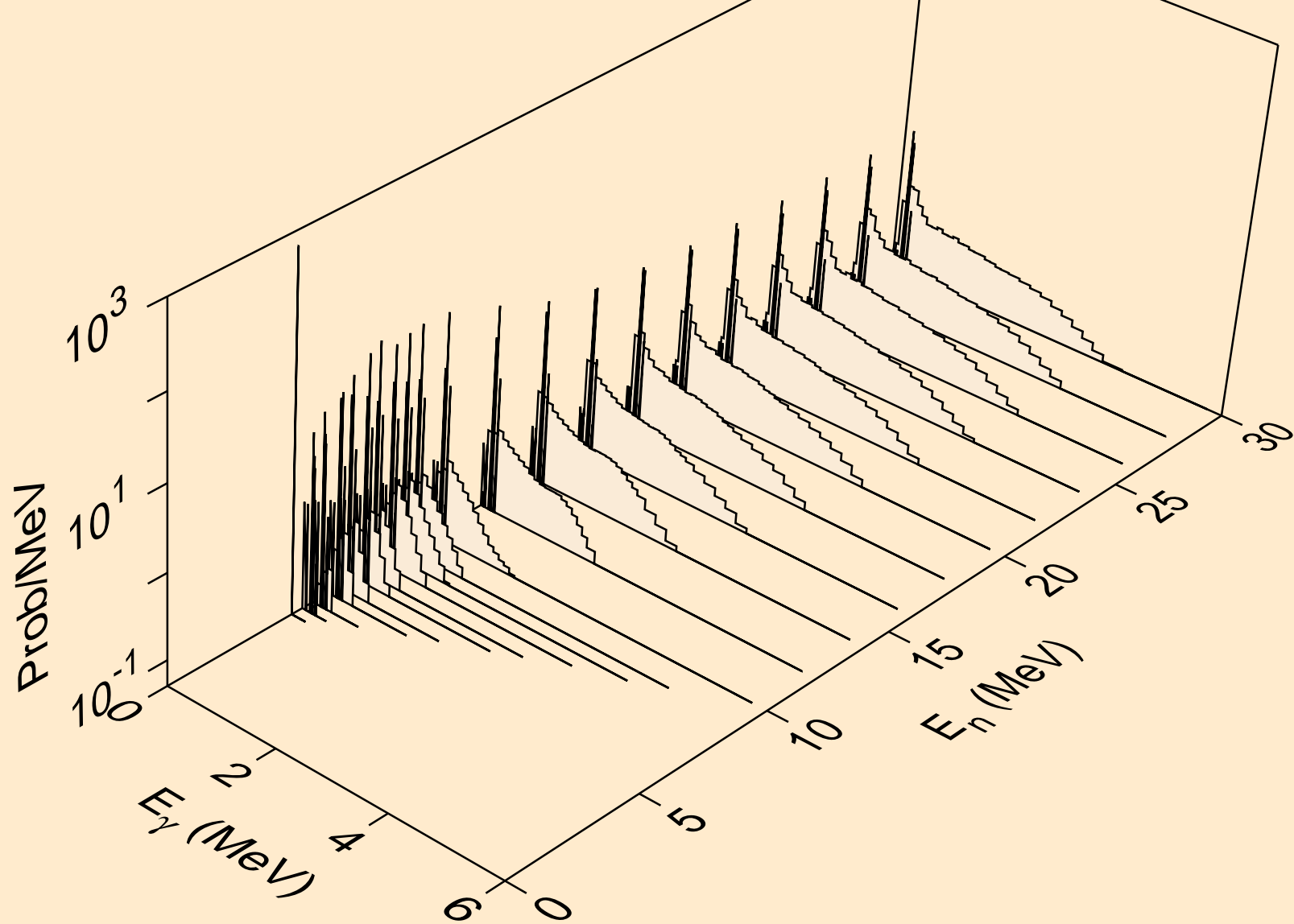
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



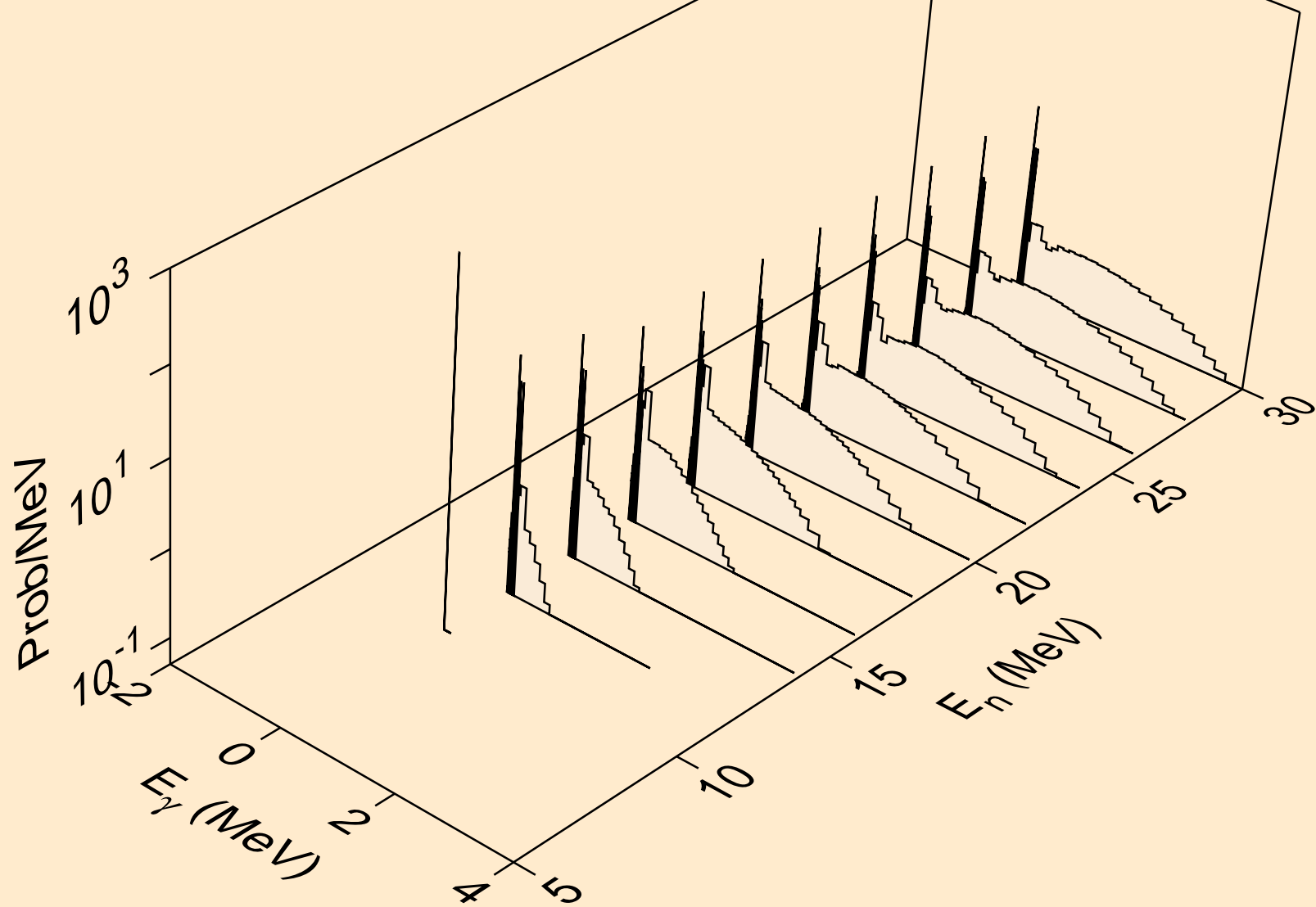
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



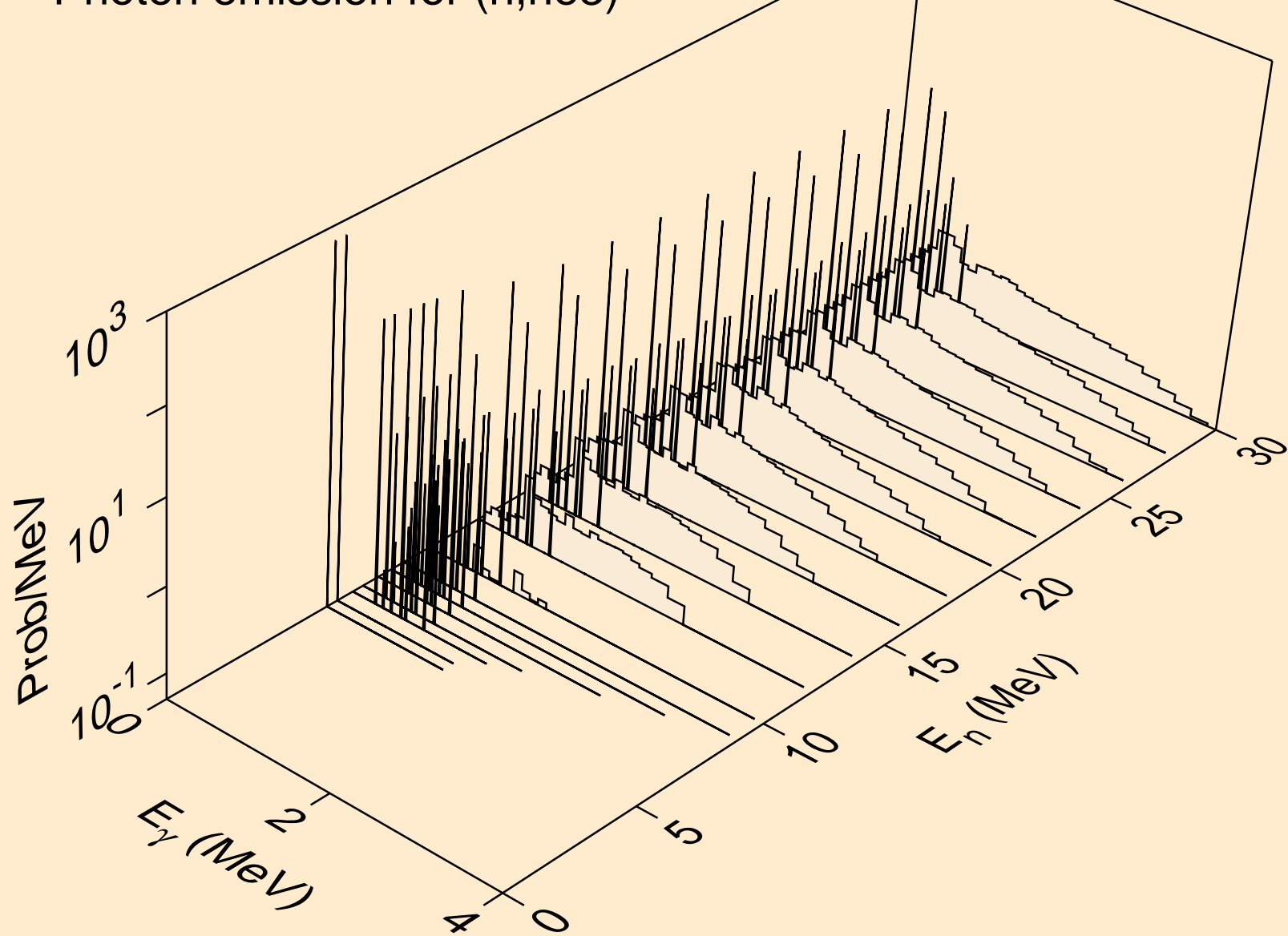
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

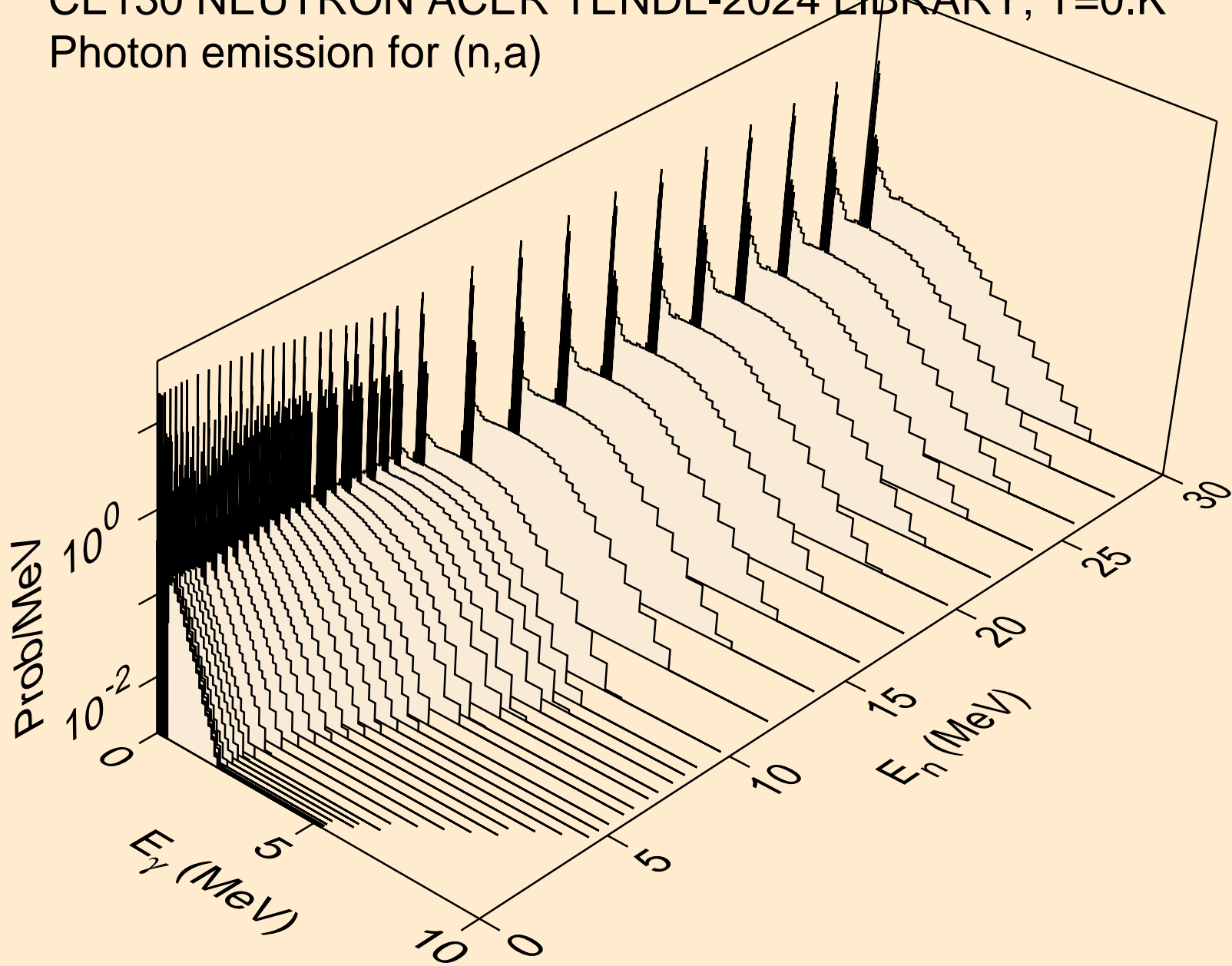


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

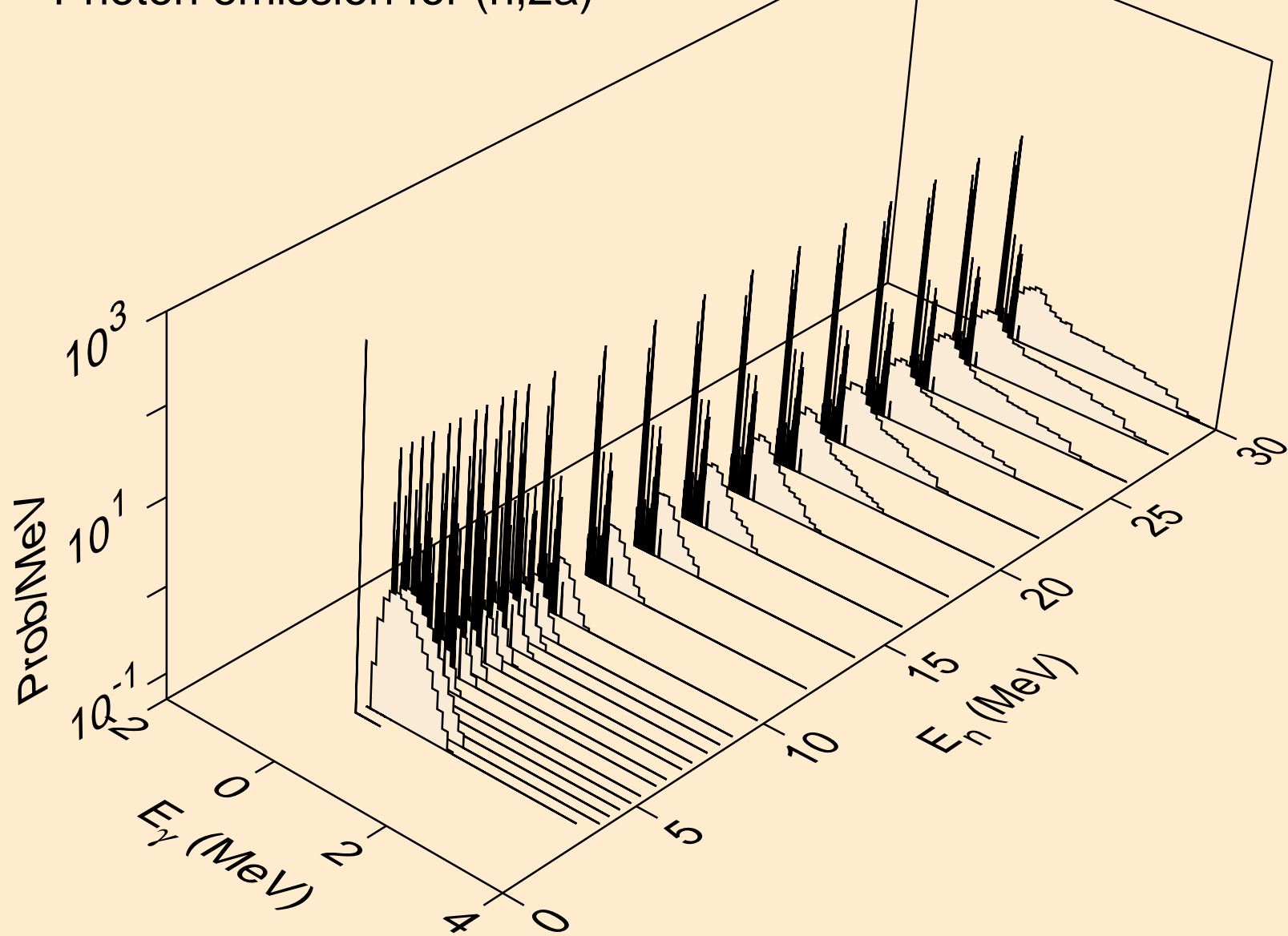




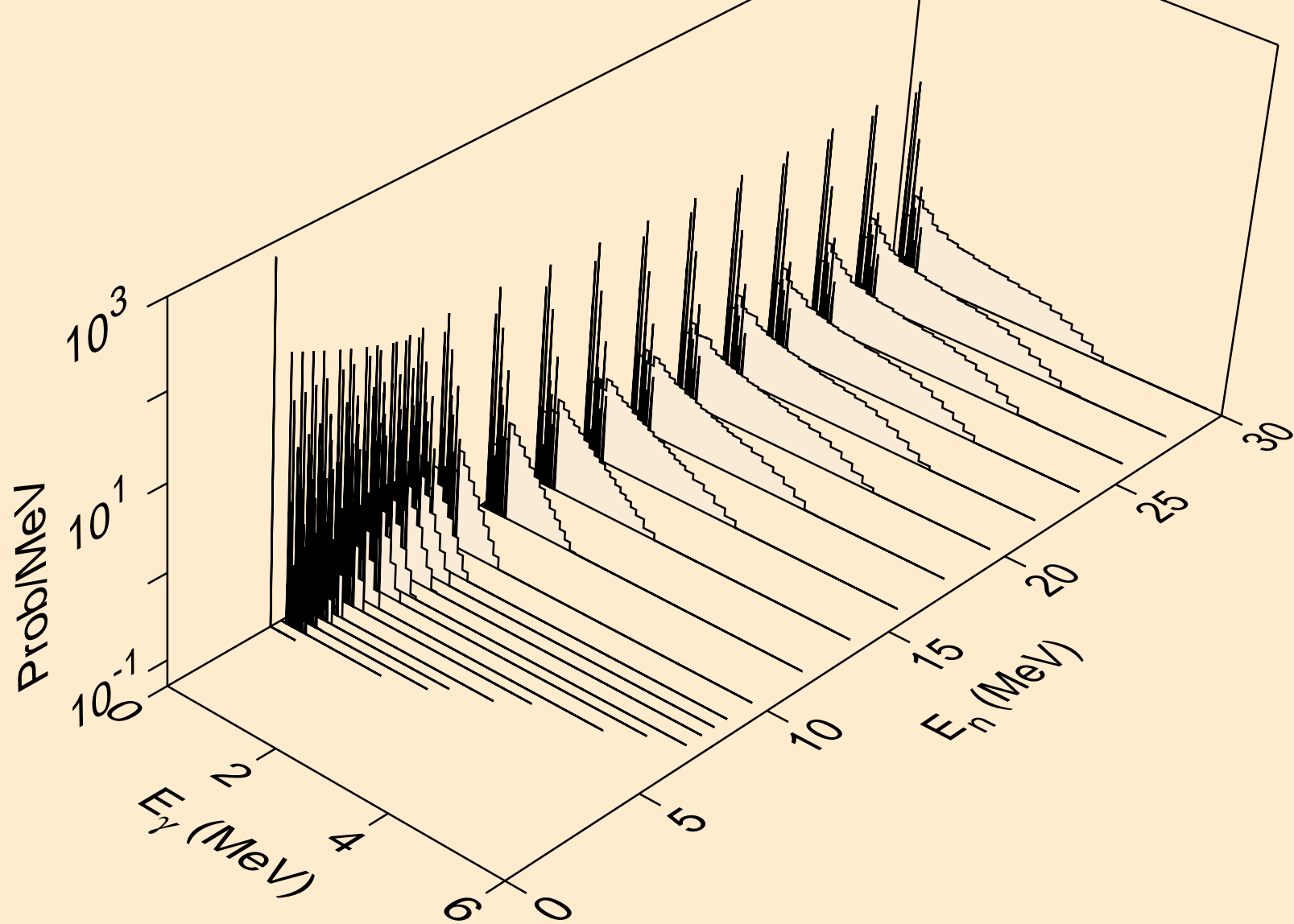
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



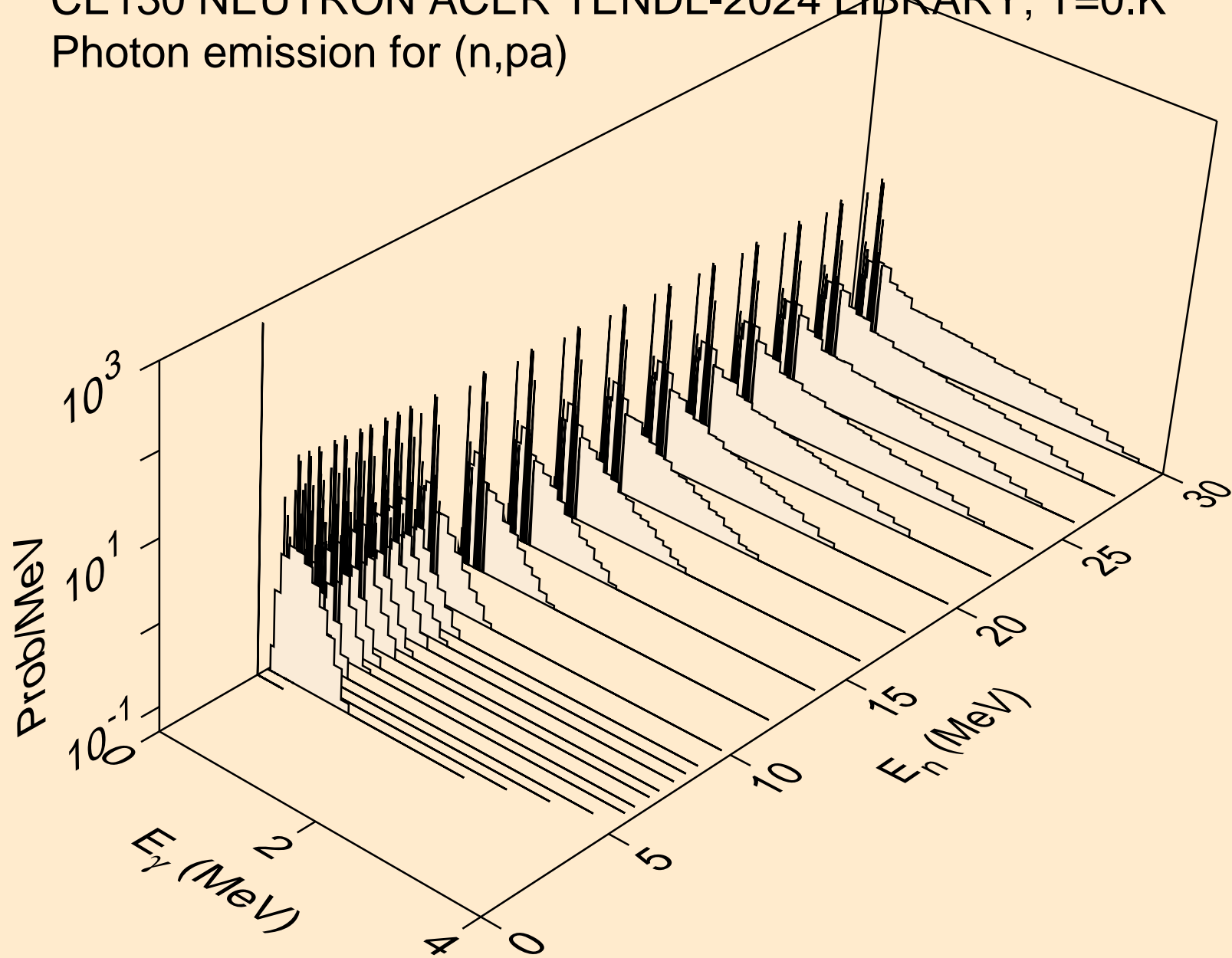
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



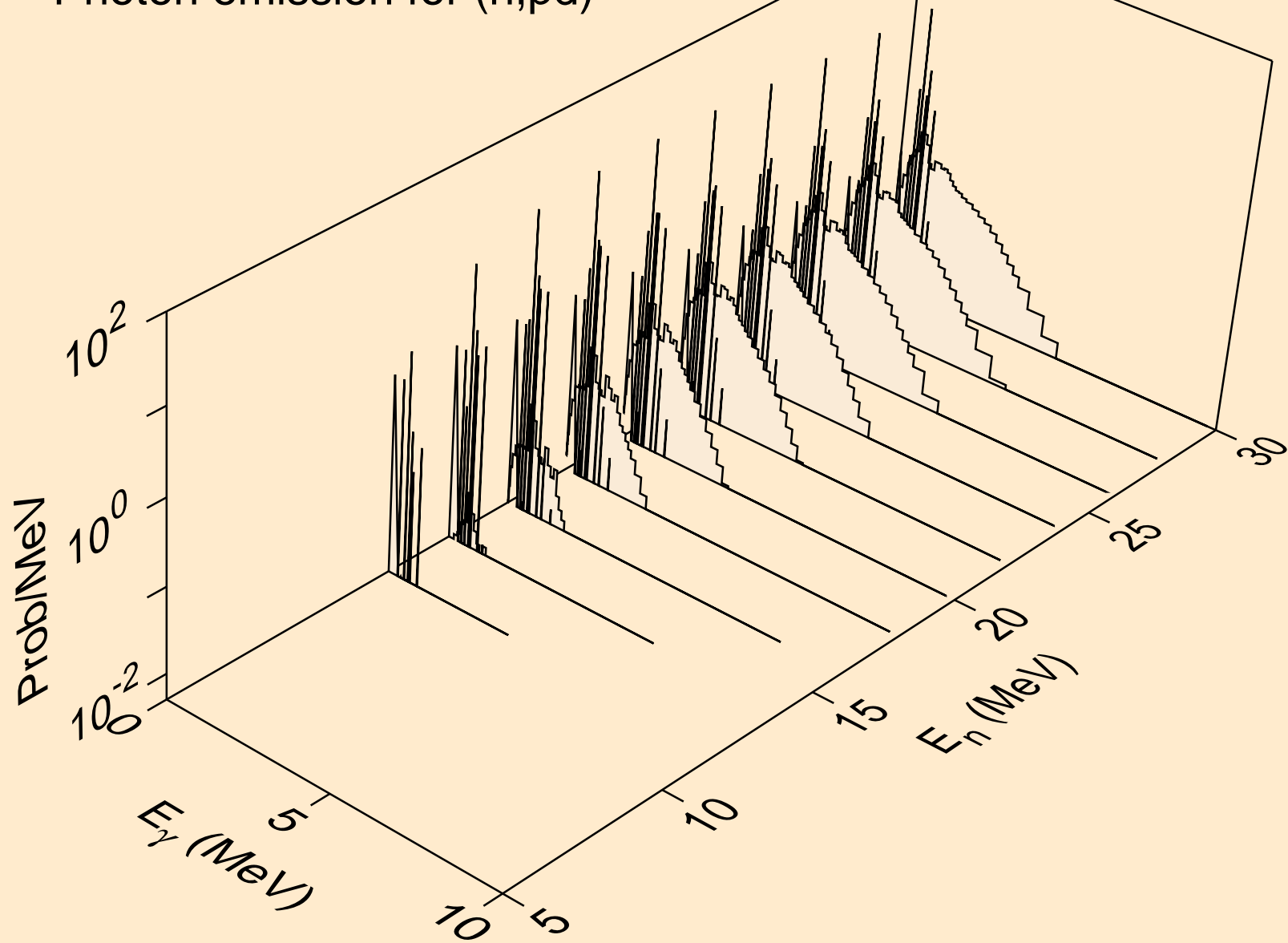
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Photon emission for (n,2p)



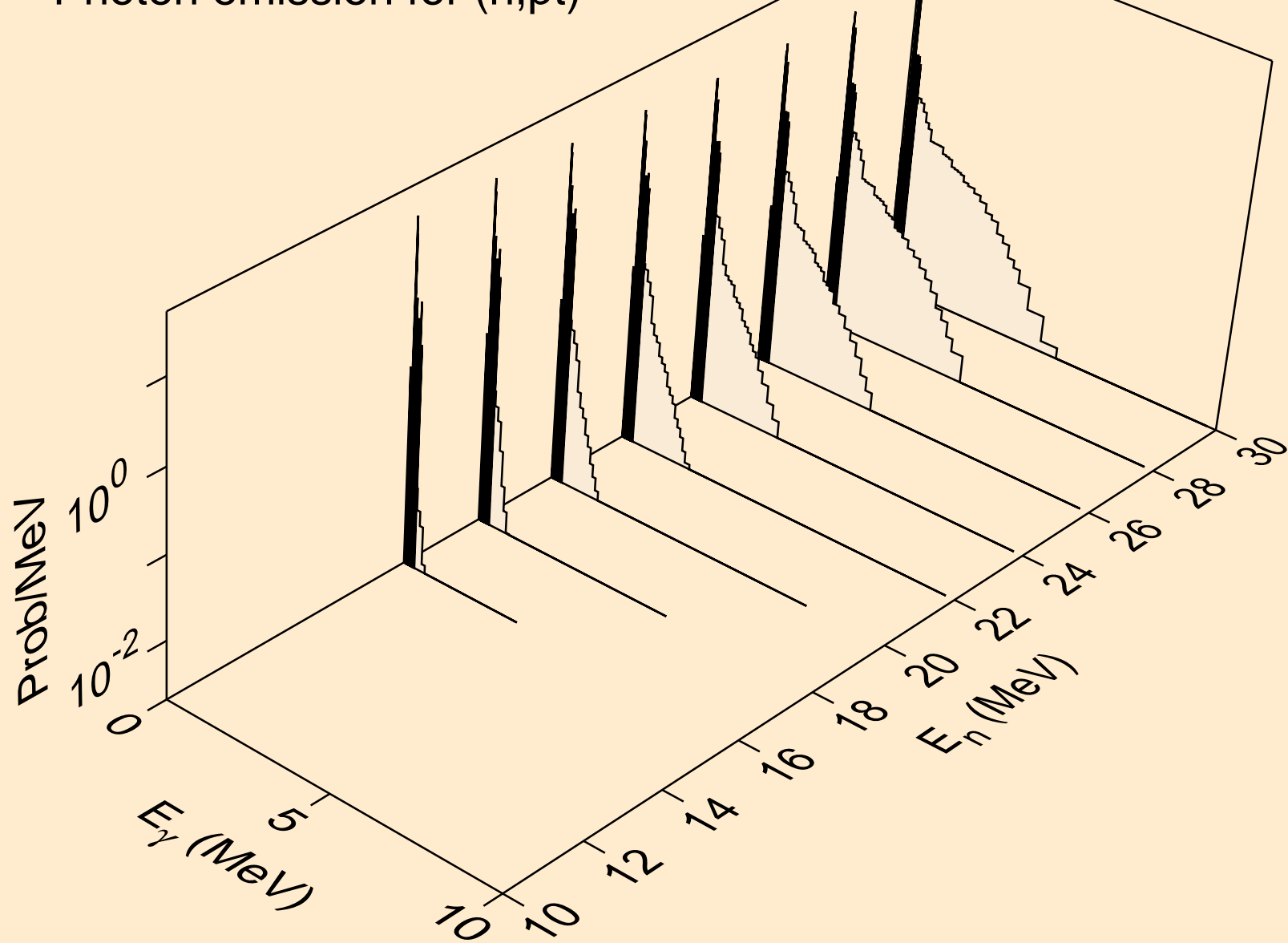
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



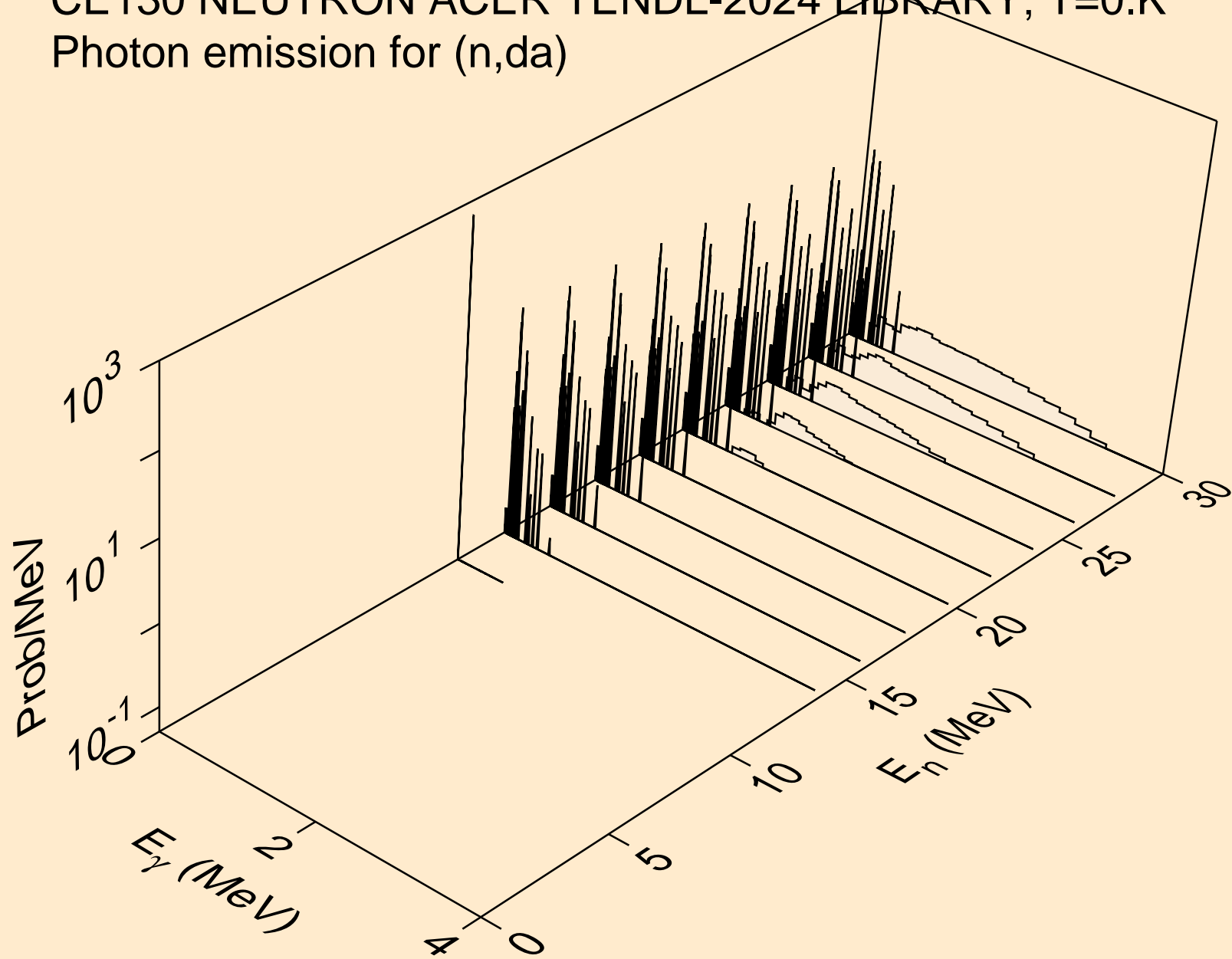
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



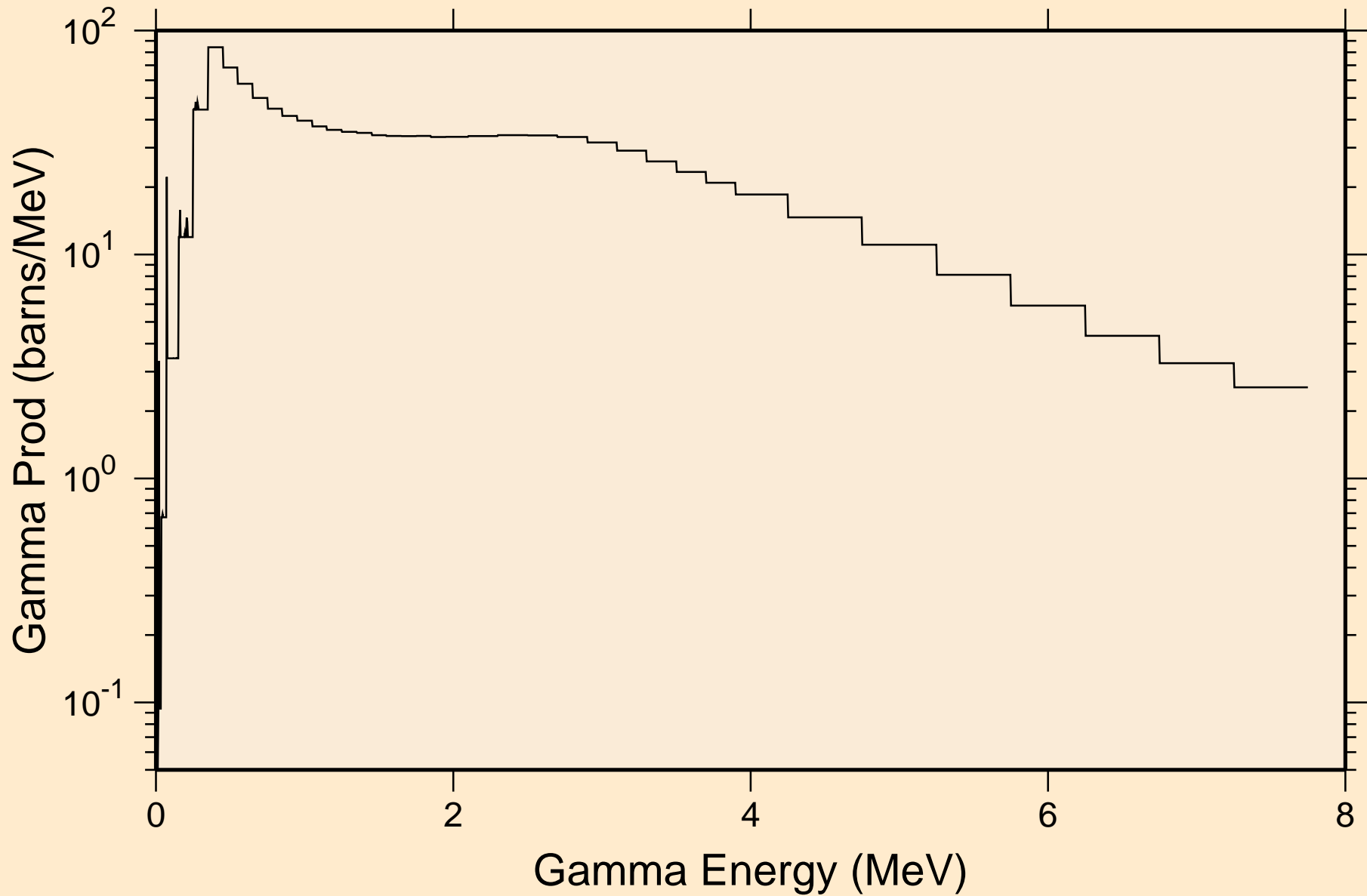
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

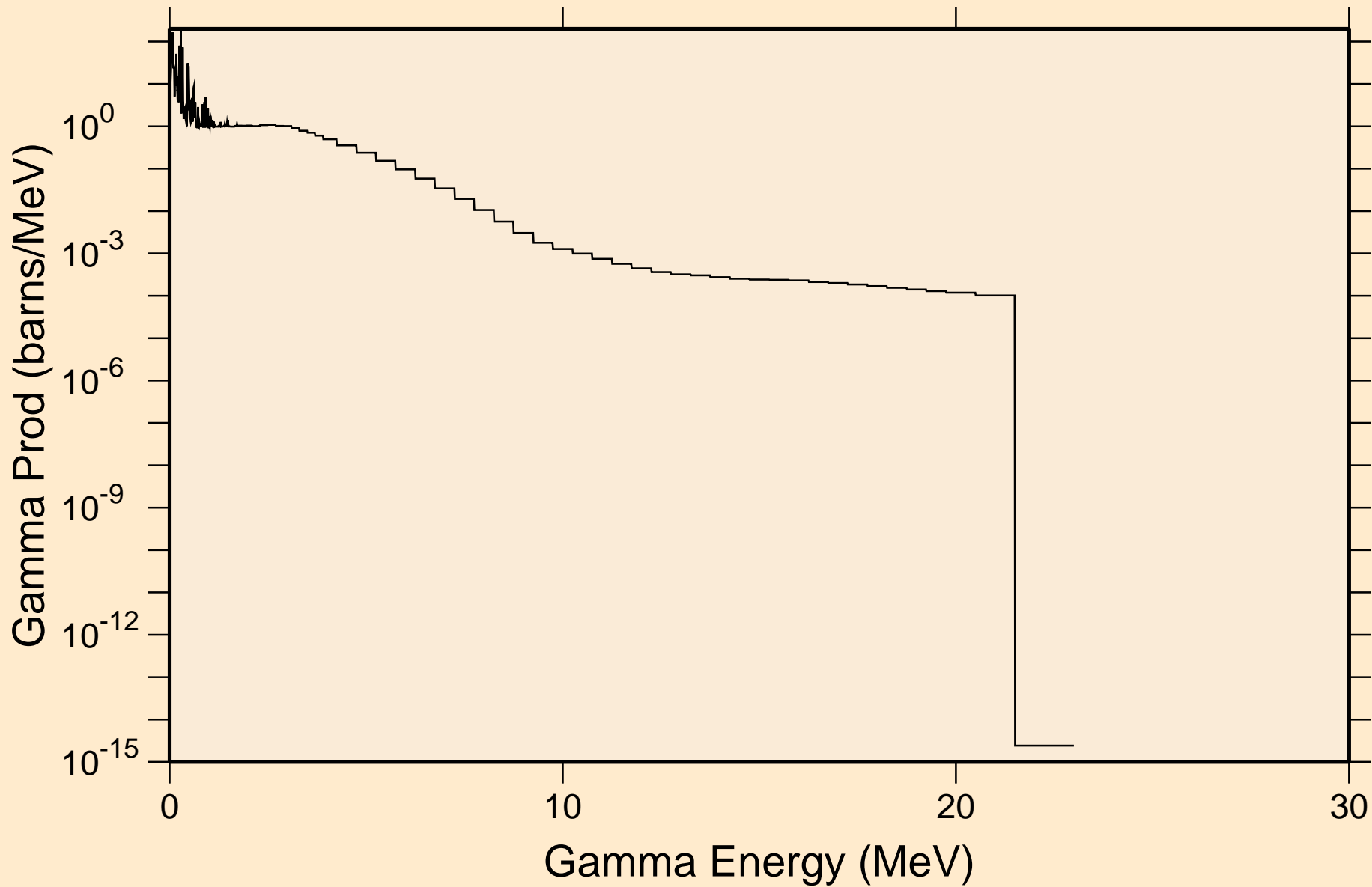


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



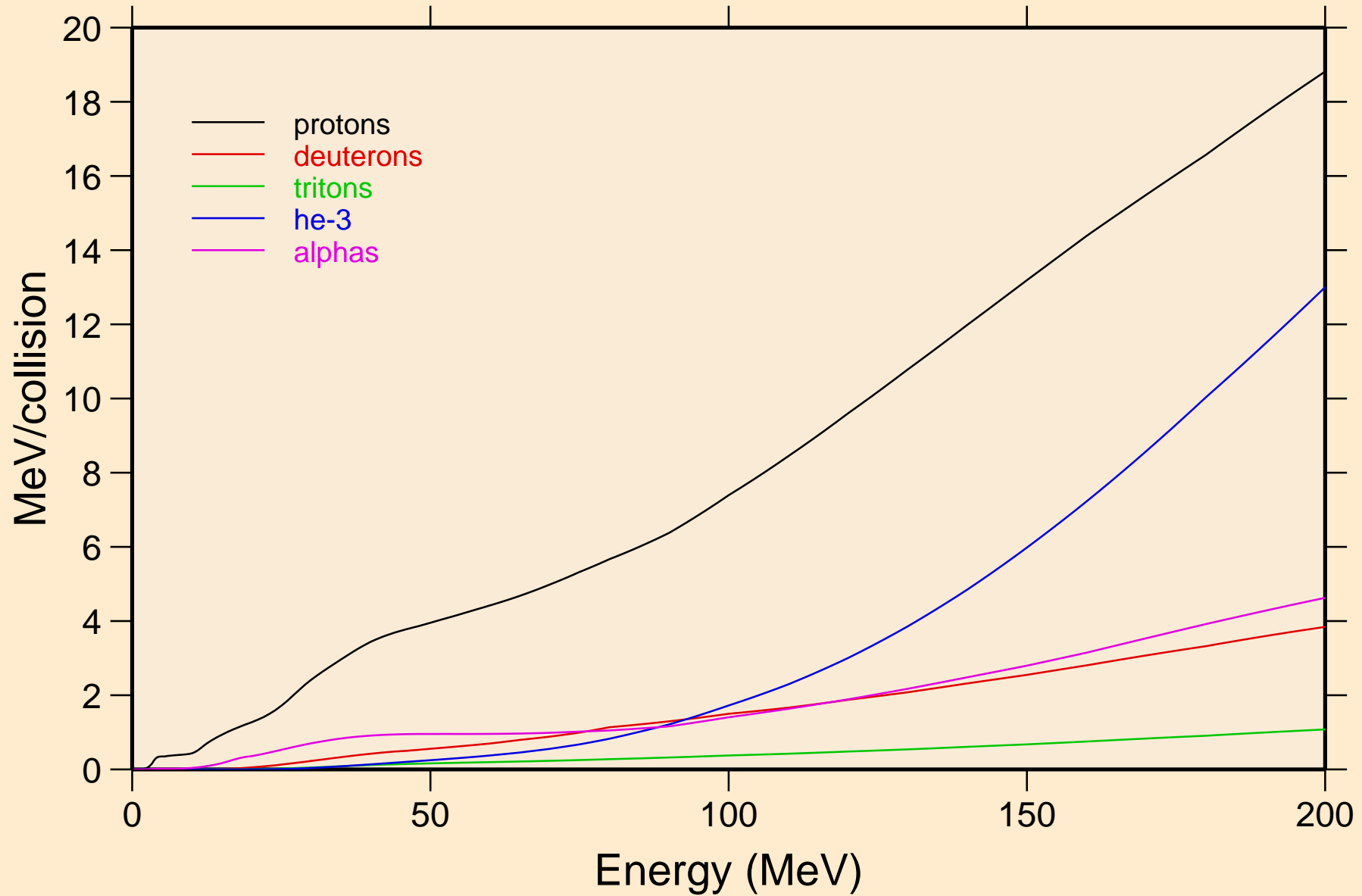


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

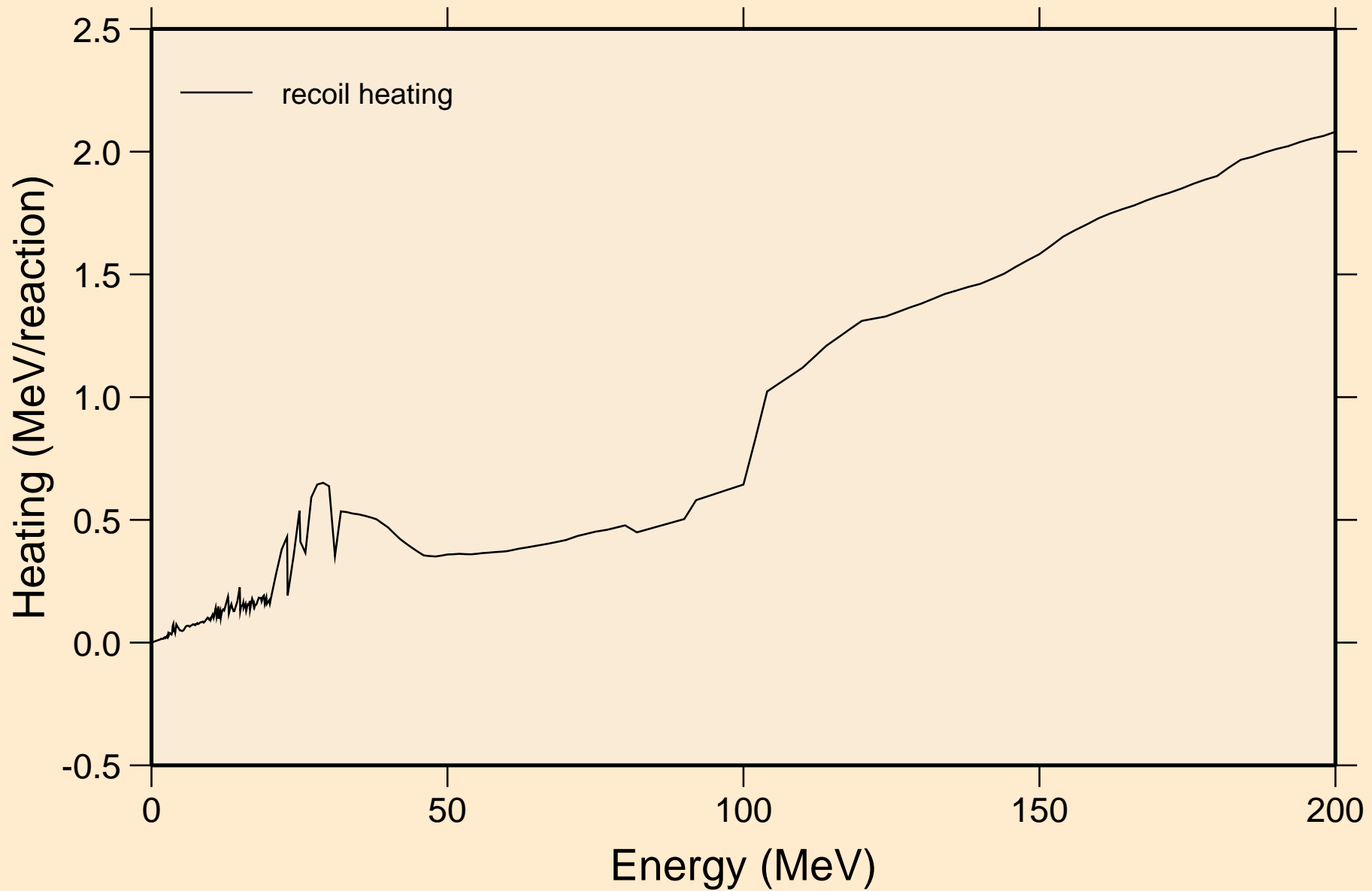


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

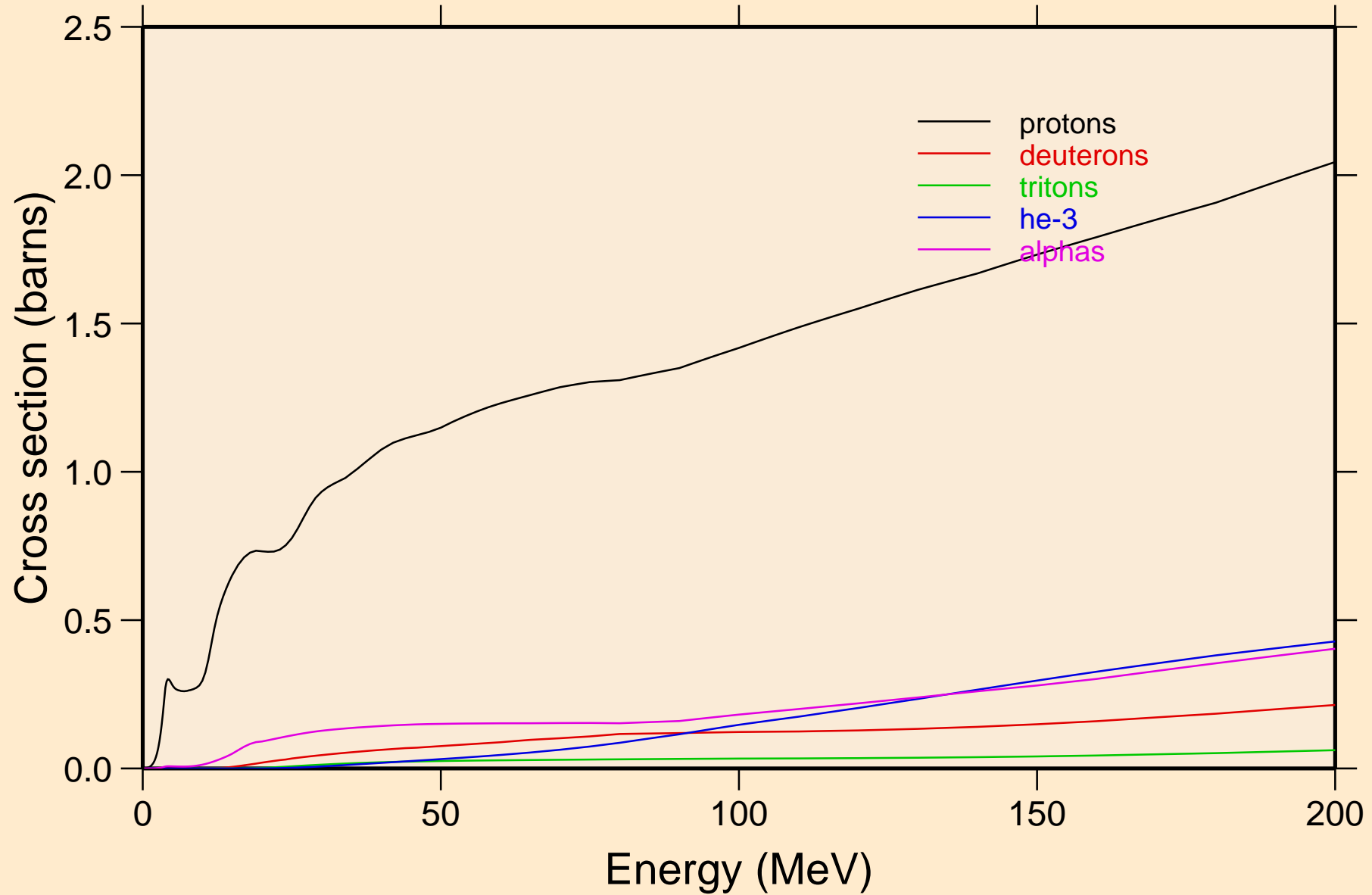


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

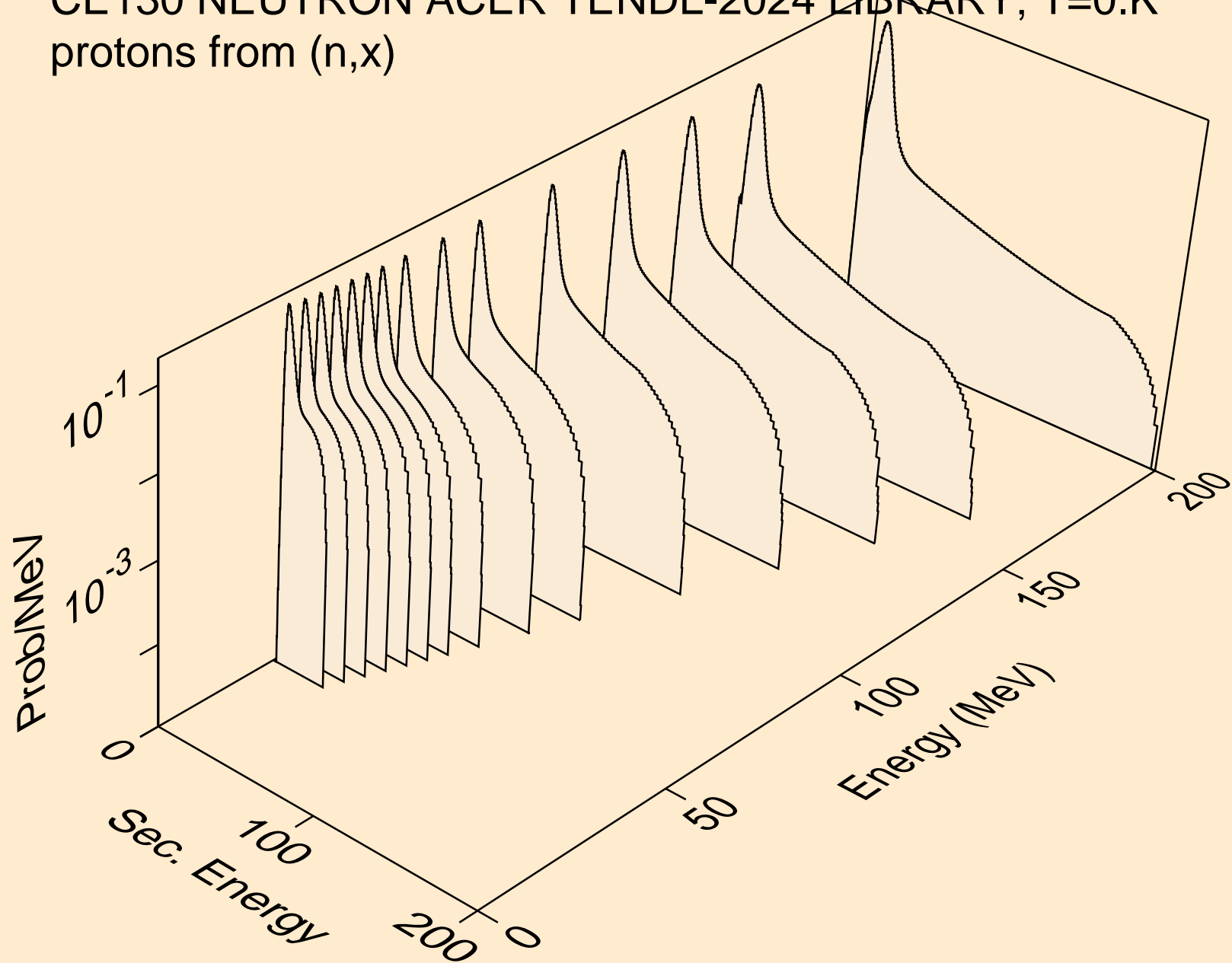


# CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

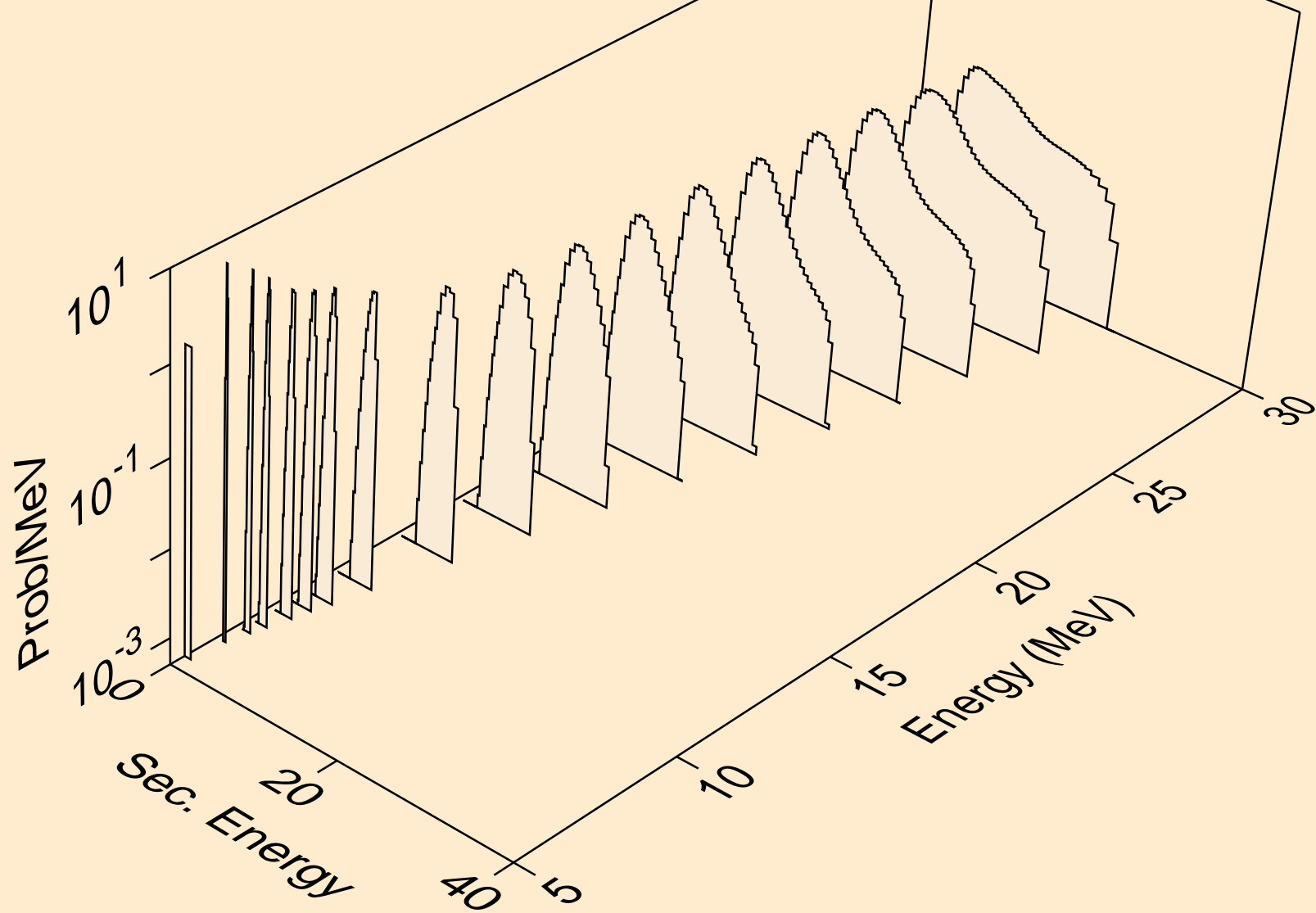
## Particle production cross sections



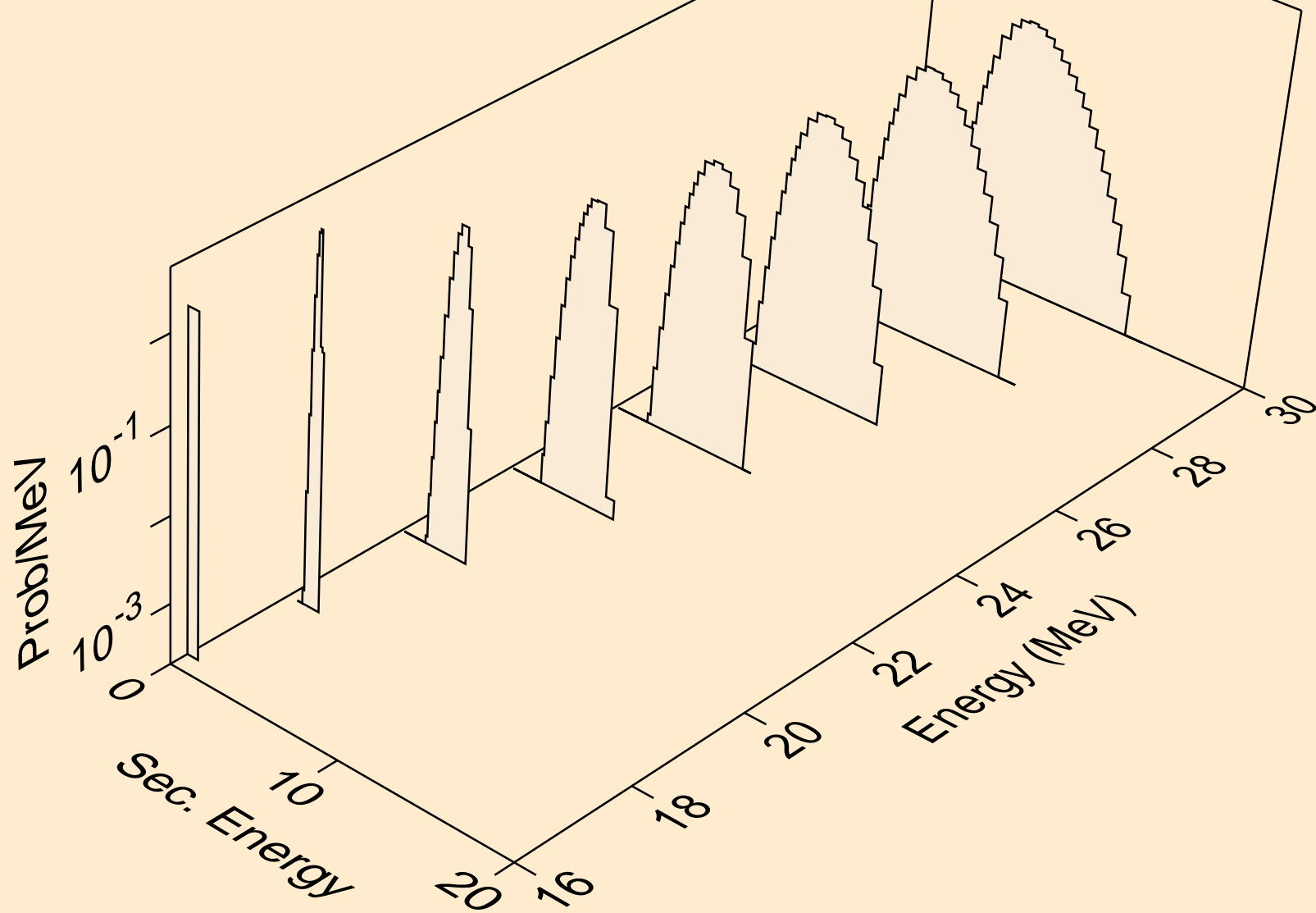
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



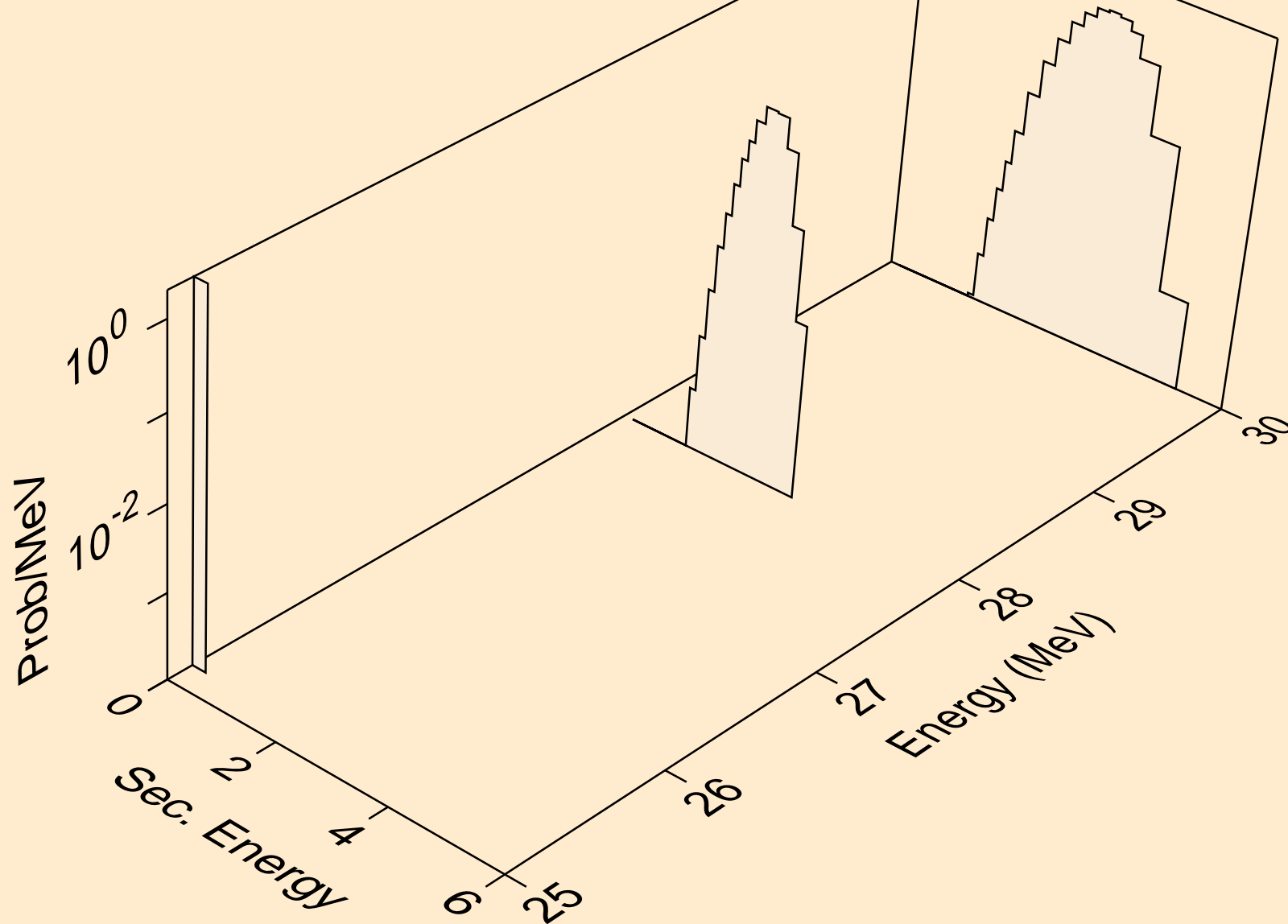
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

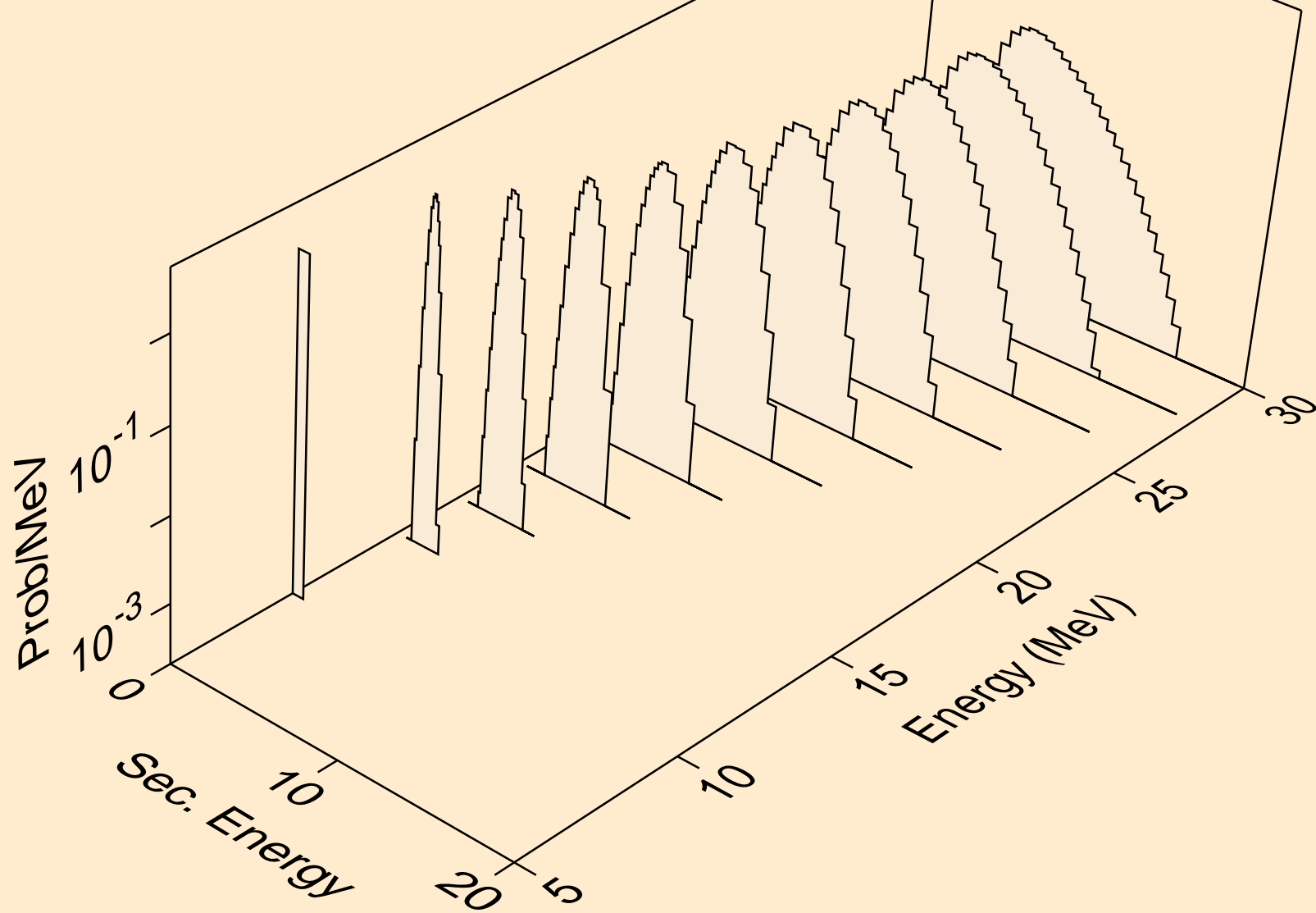


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

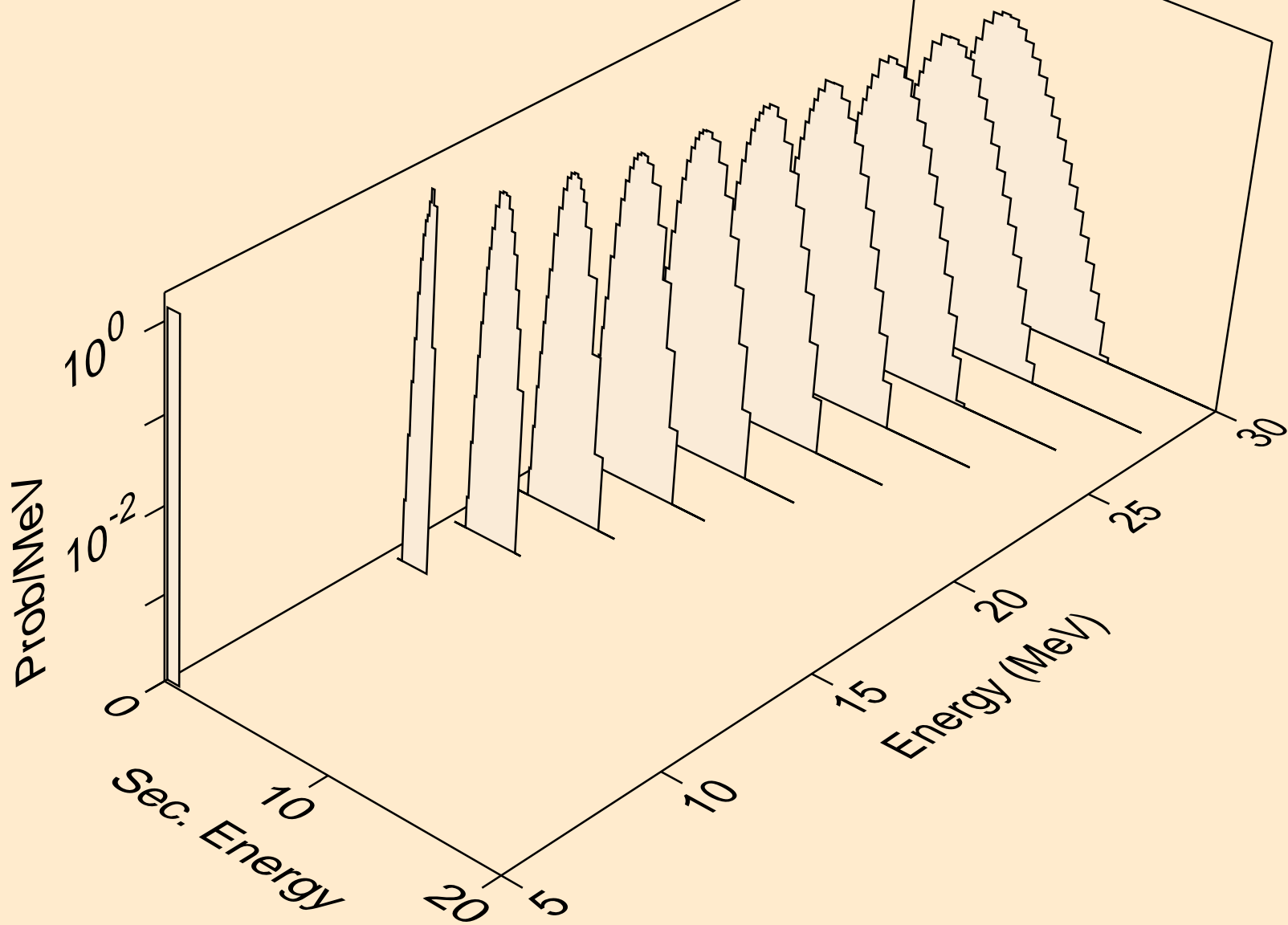




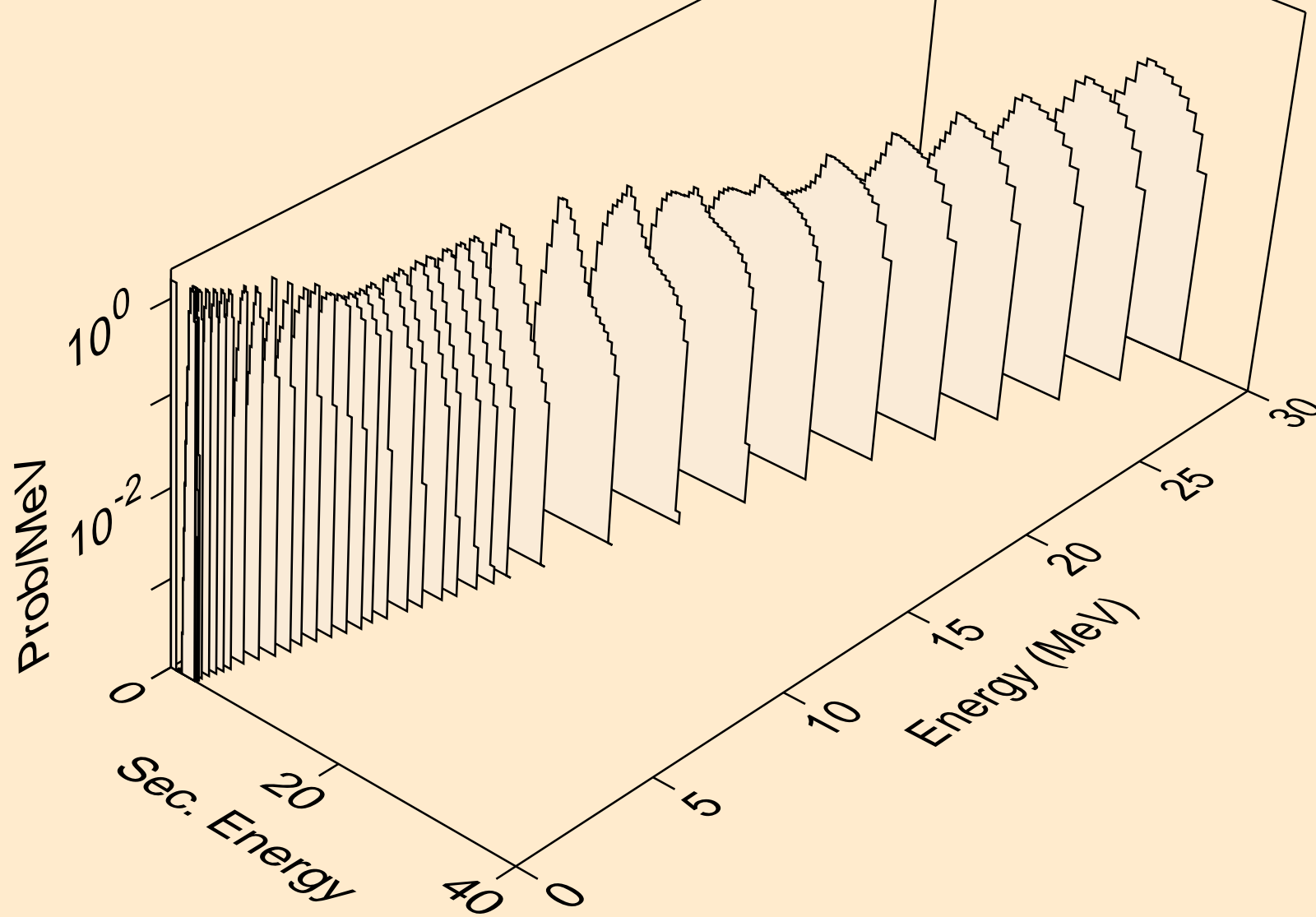
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protons from (n,n2p)



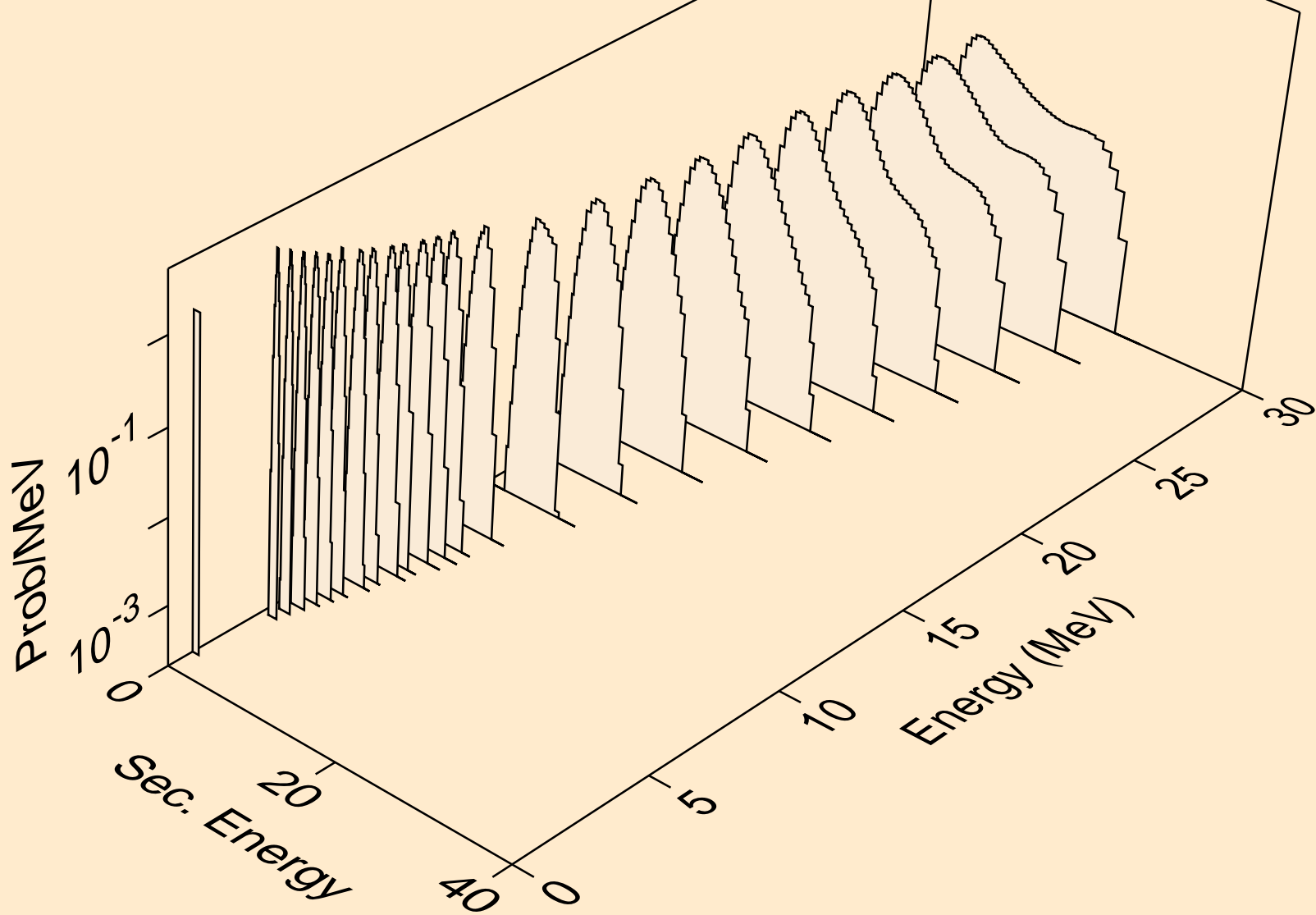
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



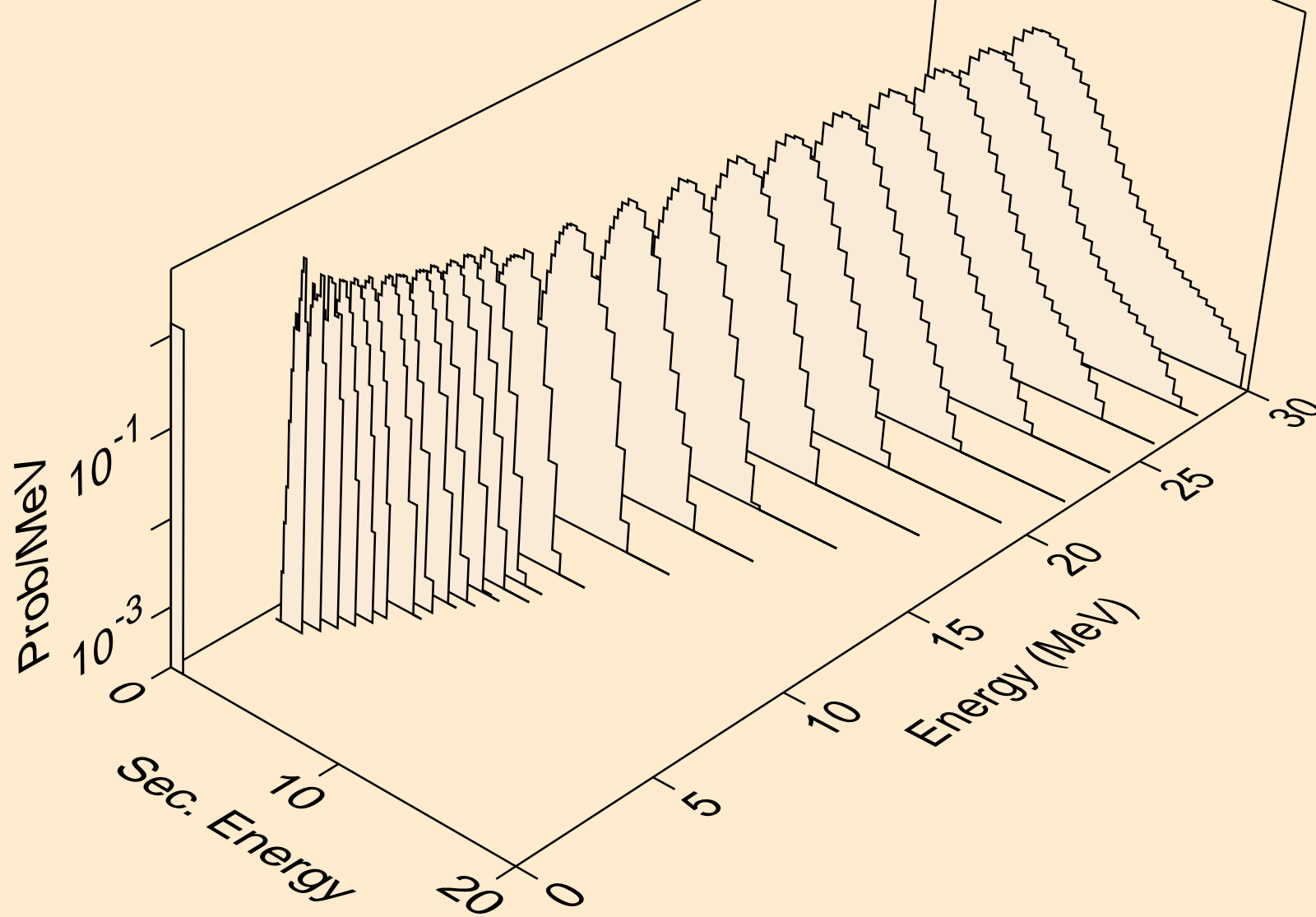
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protons from (n,p)



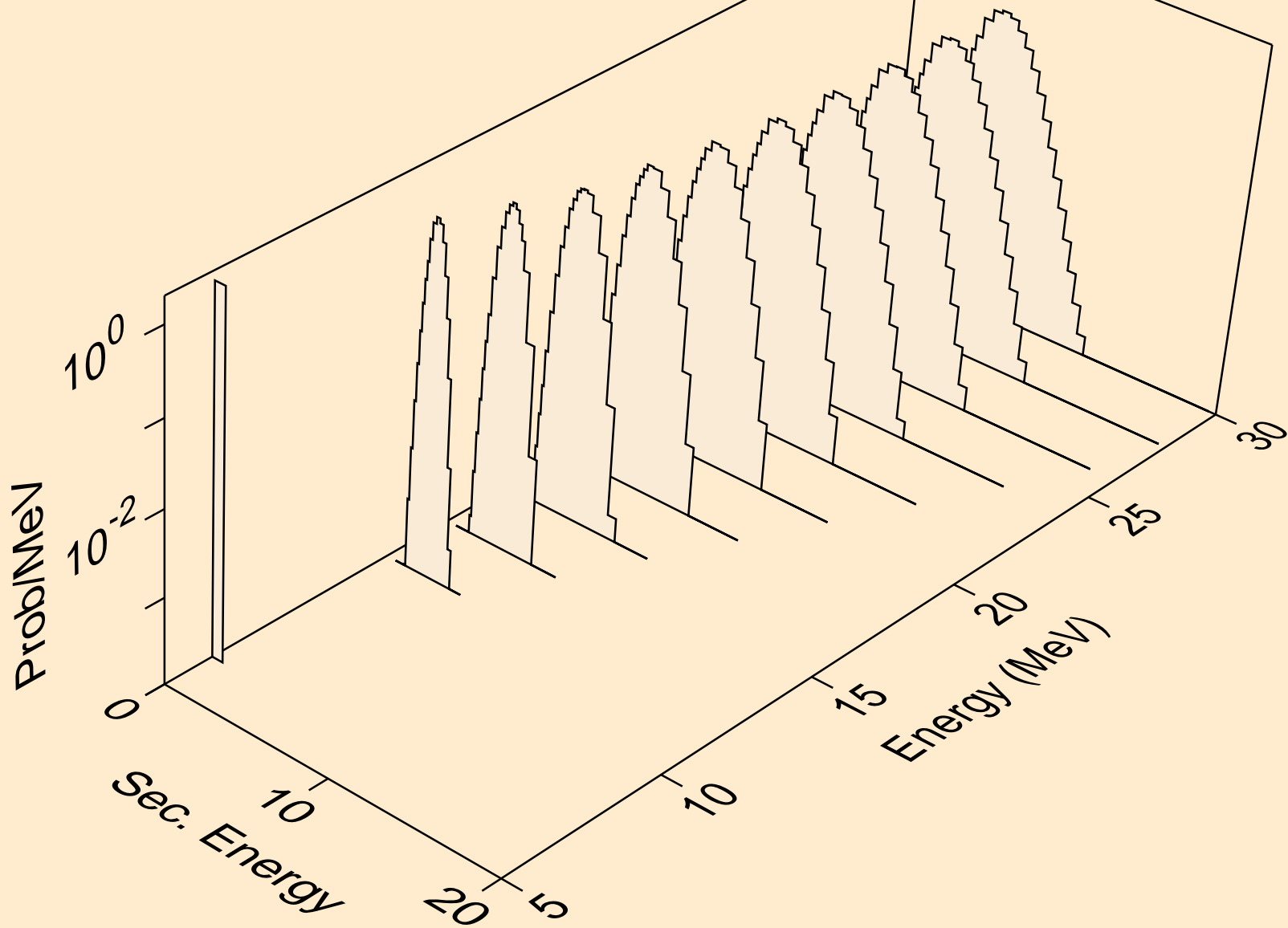
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protons from (n,2p)



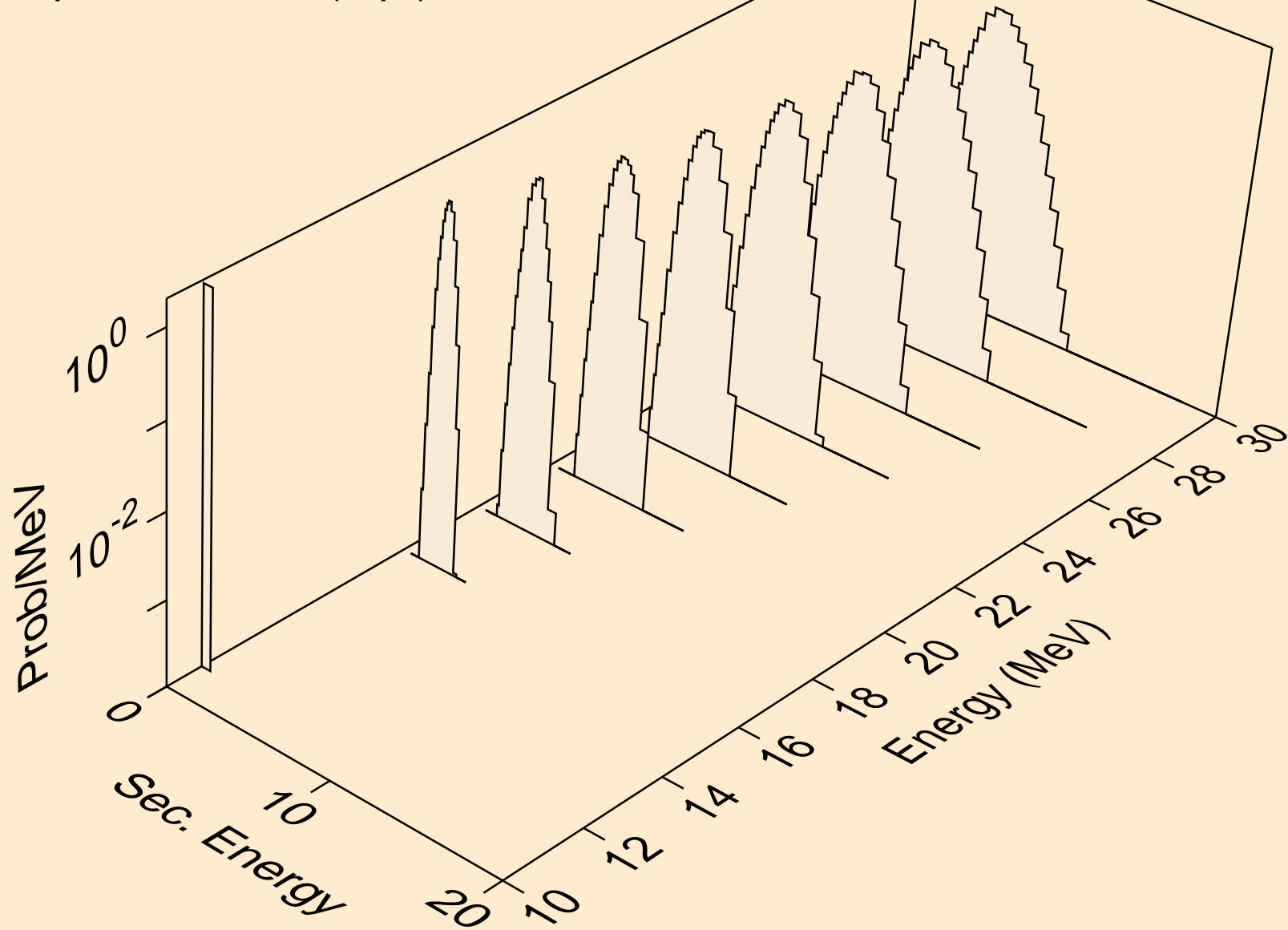
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protons from (n,p)



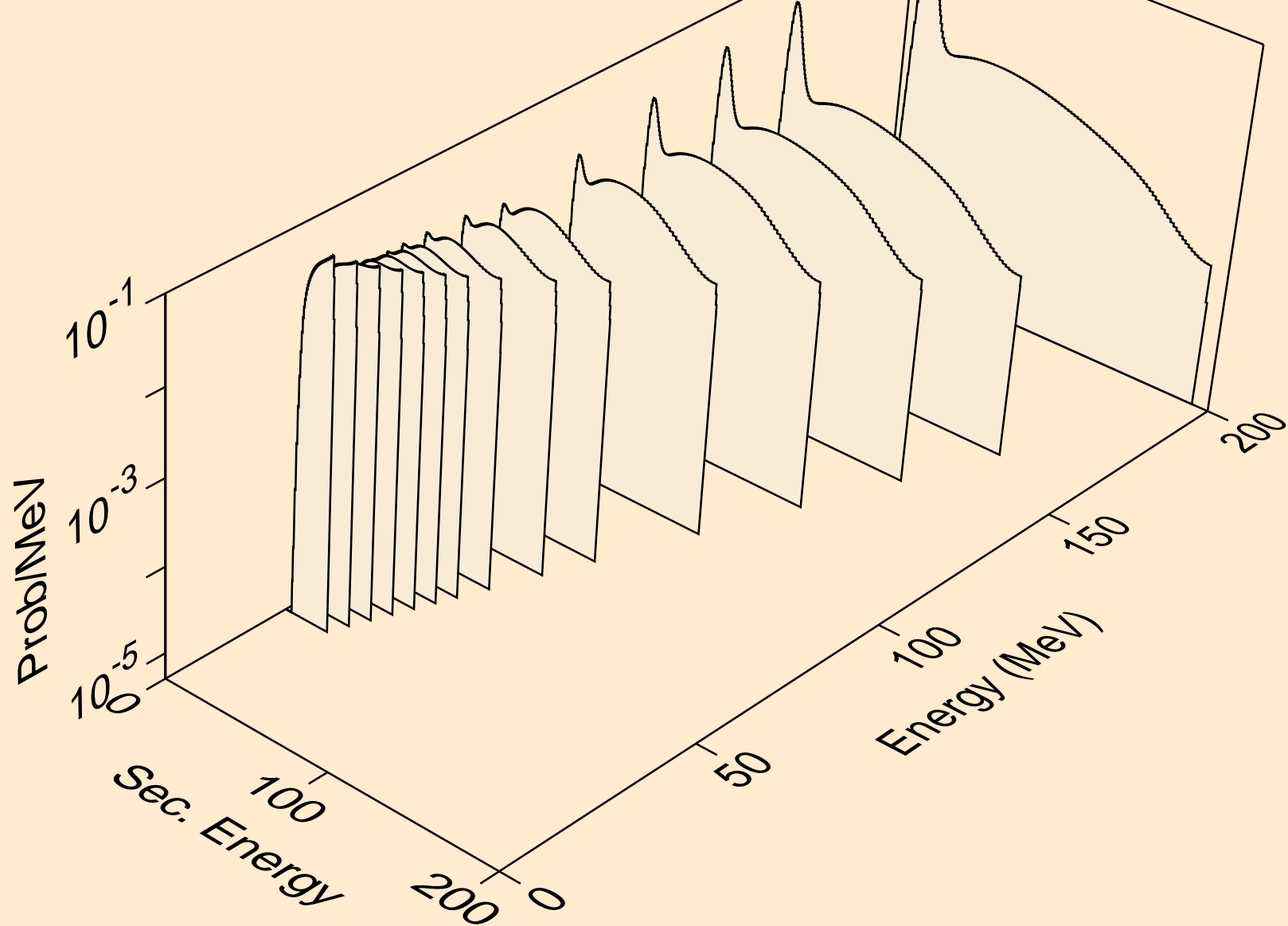
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

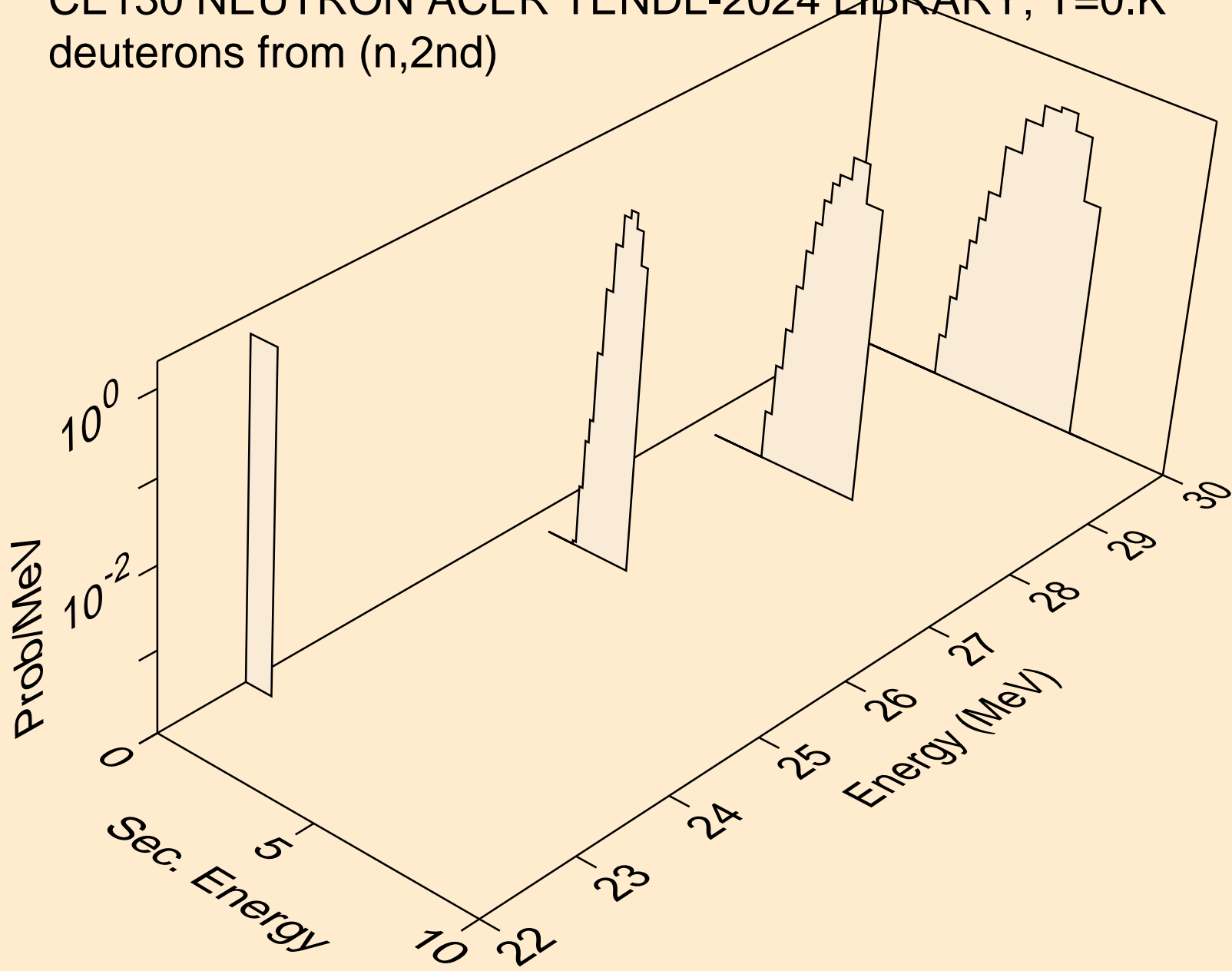


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

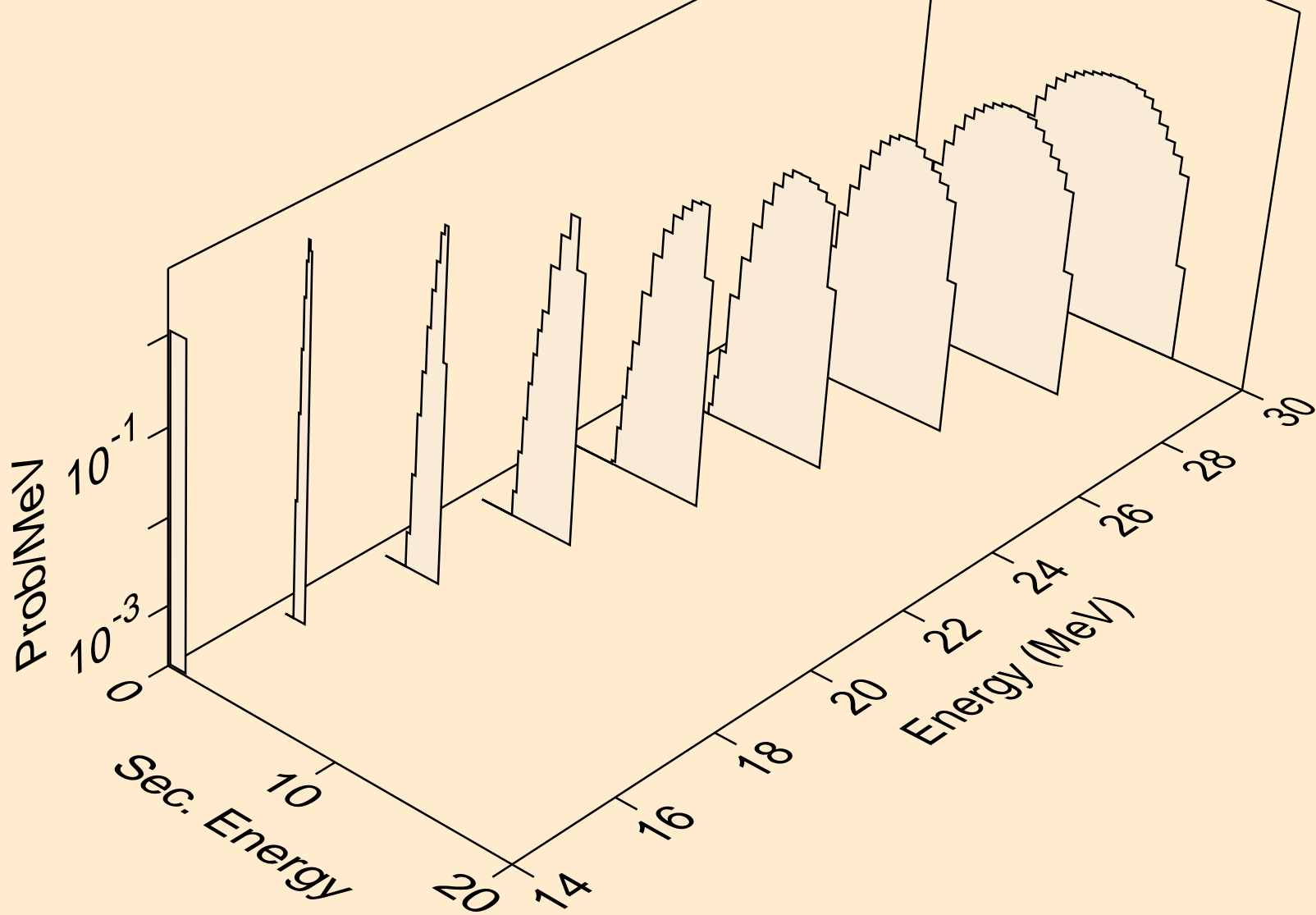




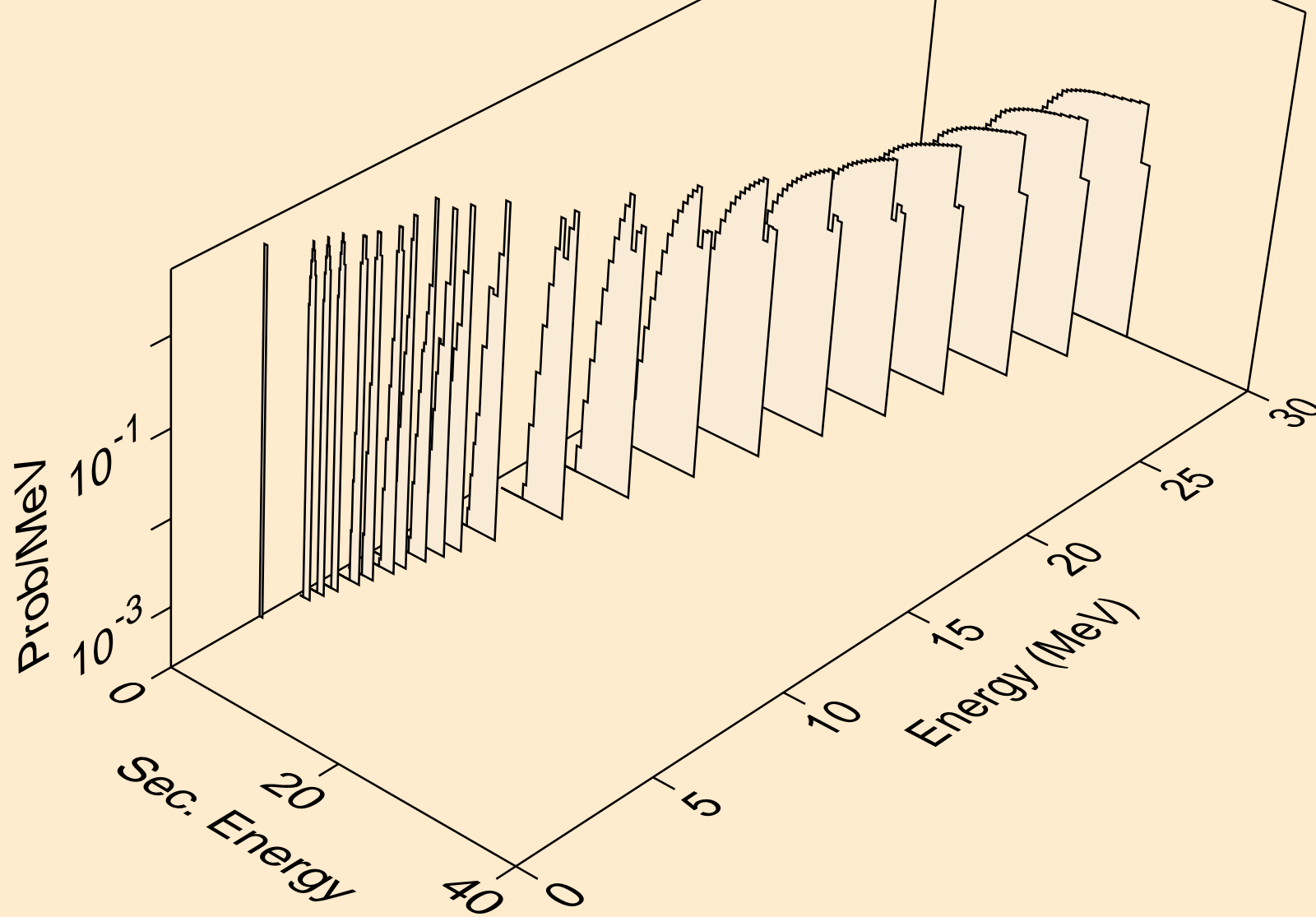
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deuterons from (n,2nd)



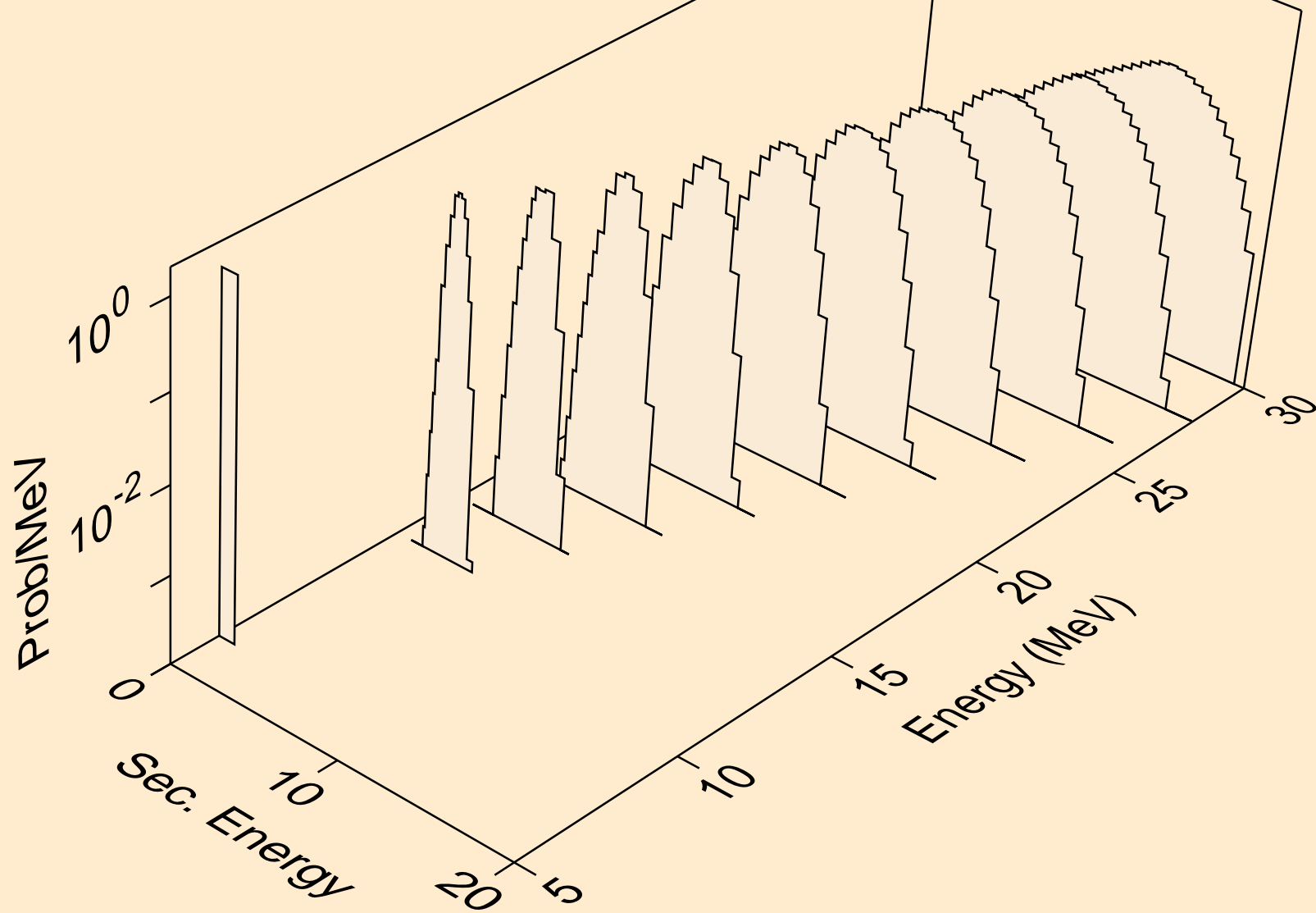
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



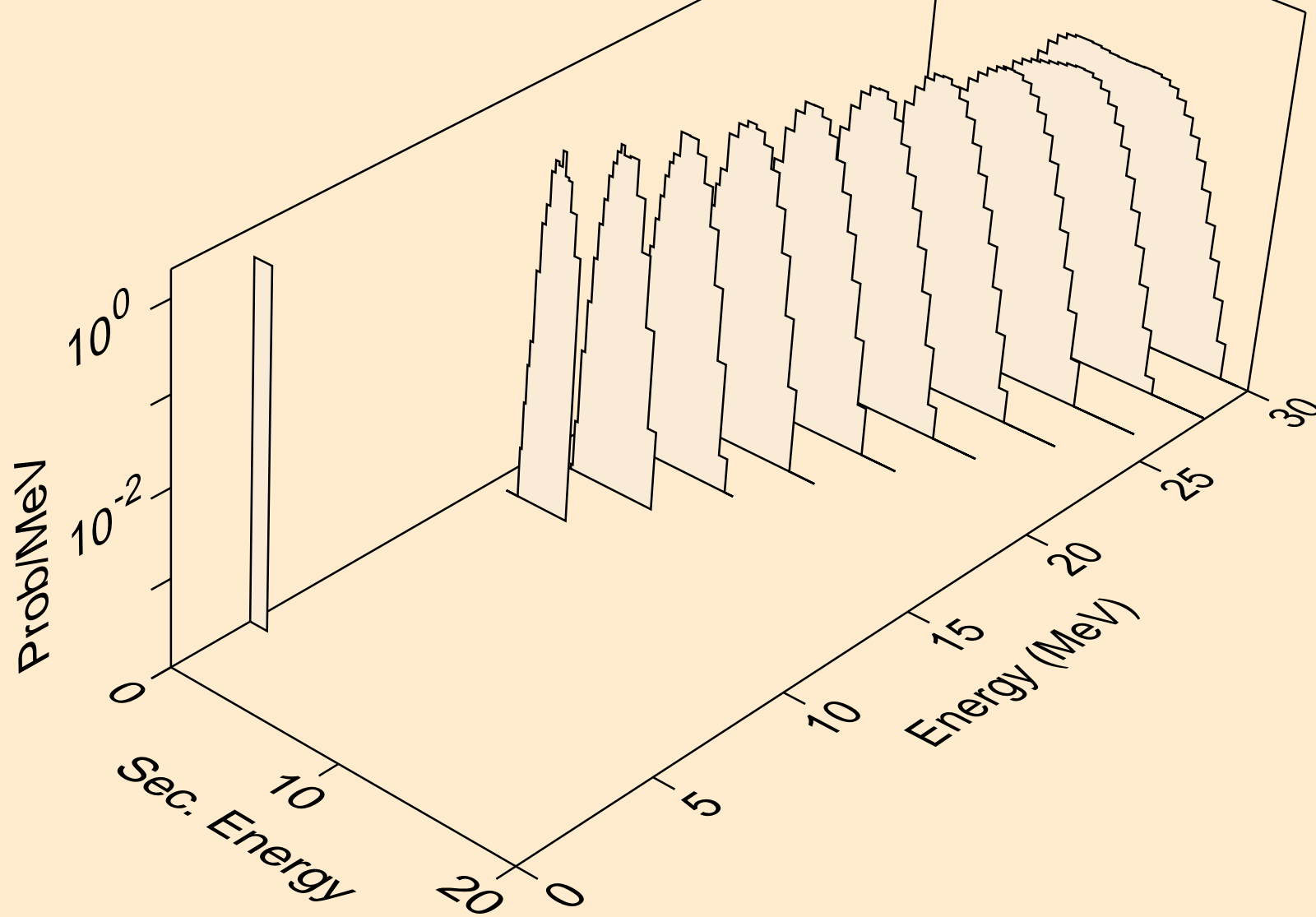
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deuterons from (n,d)



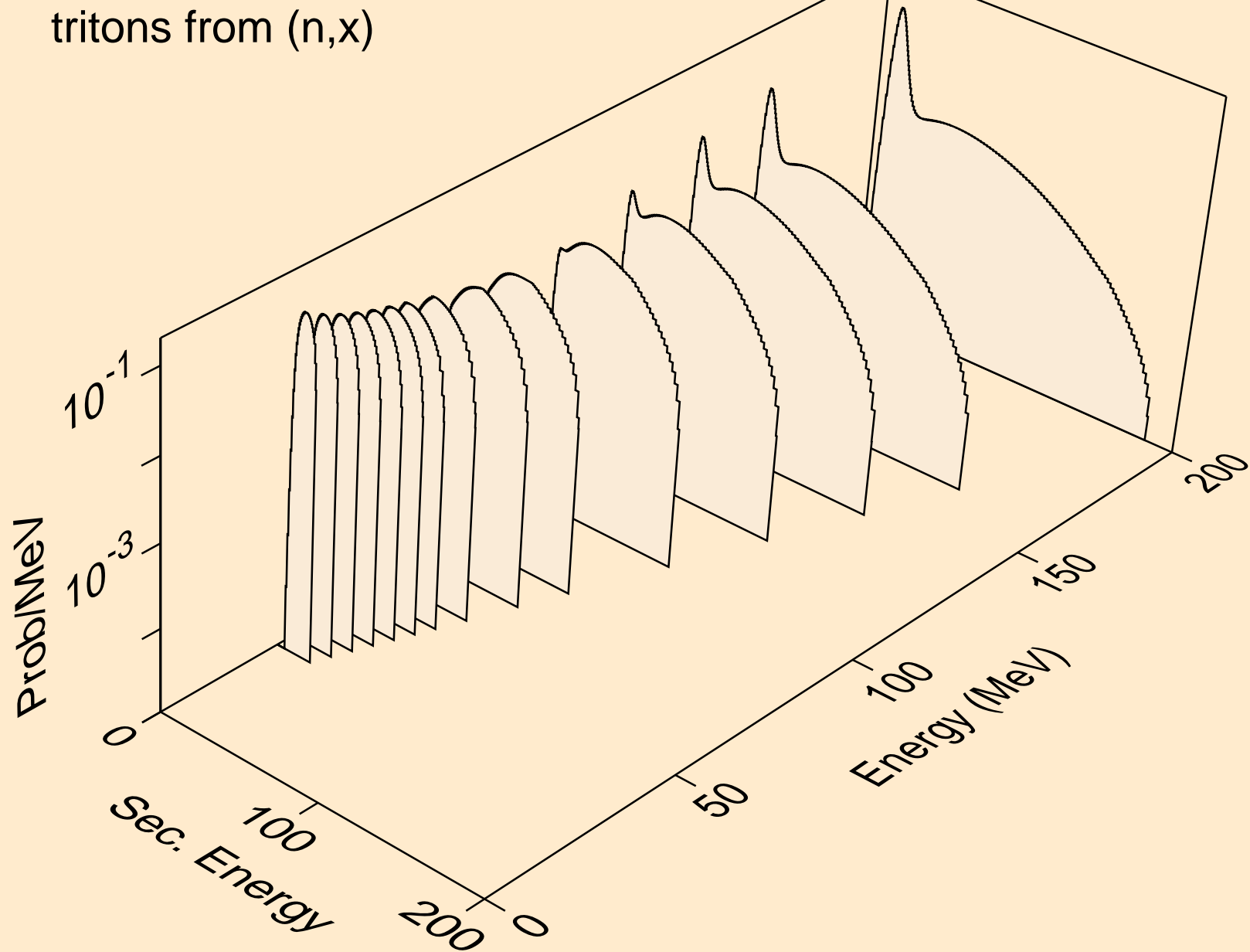
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



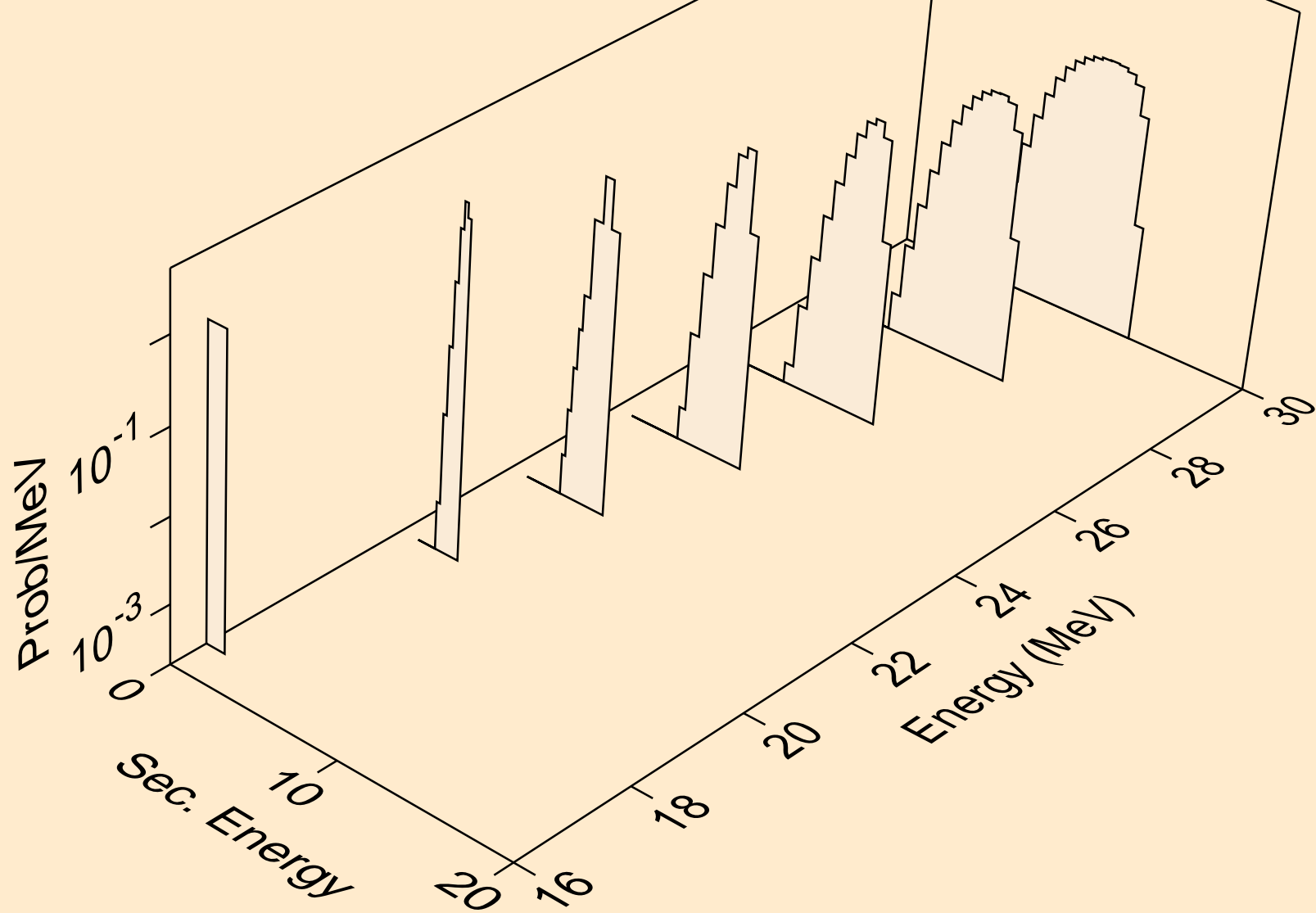
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deuterons from (n,da)



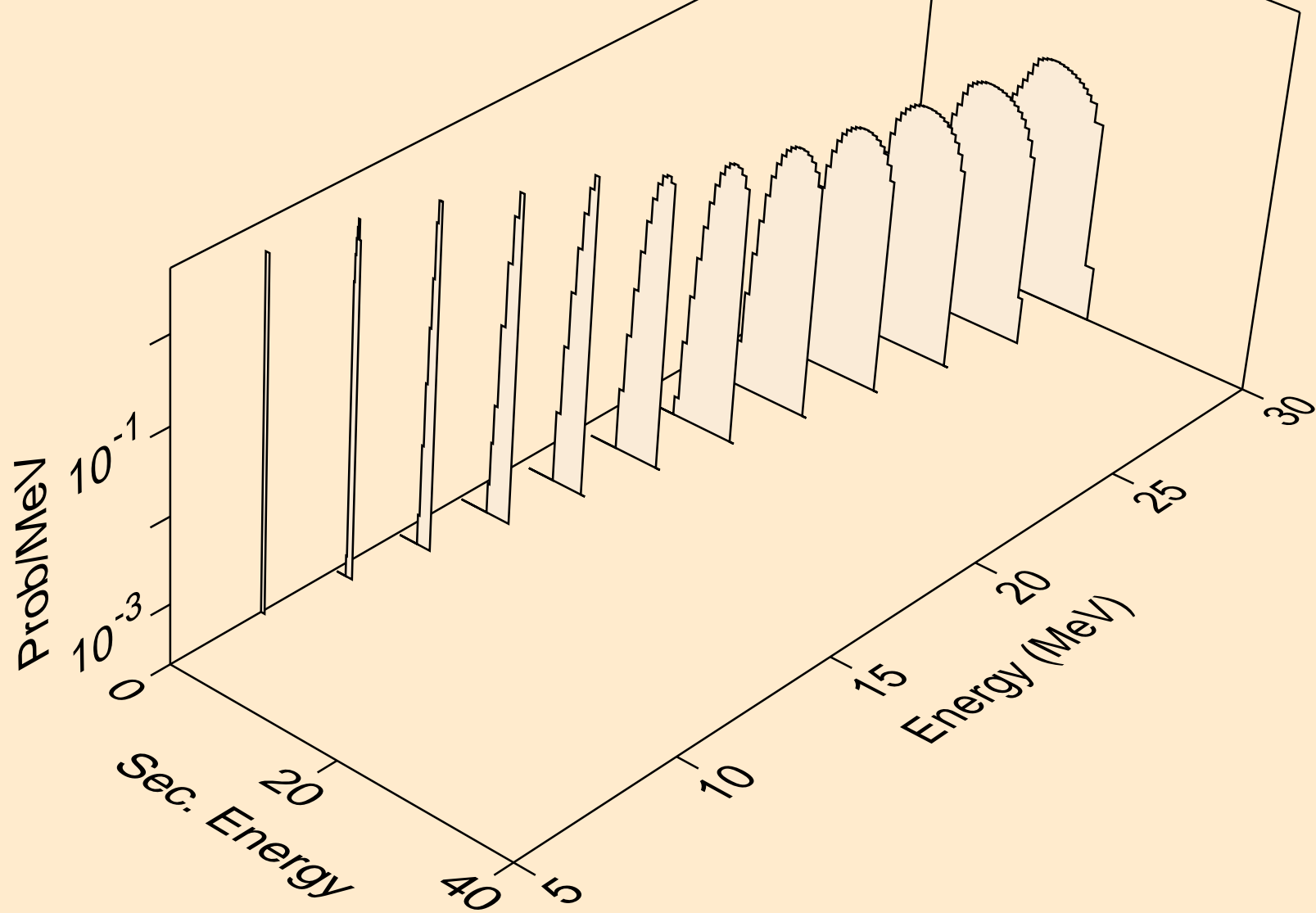
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

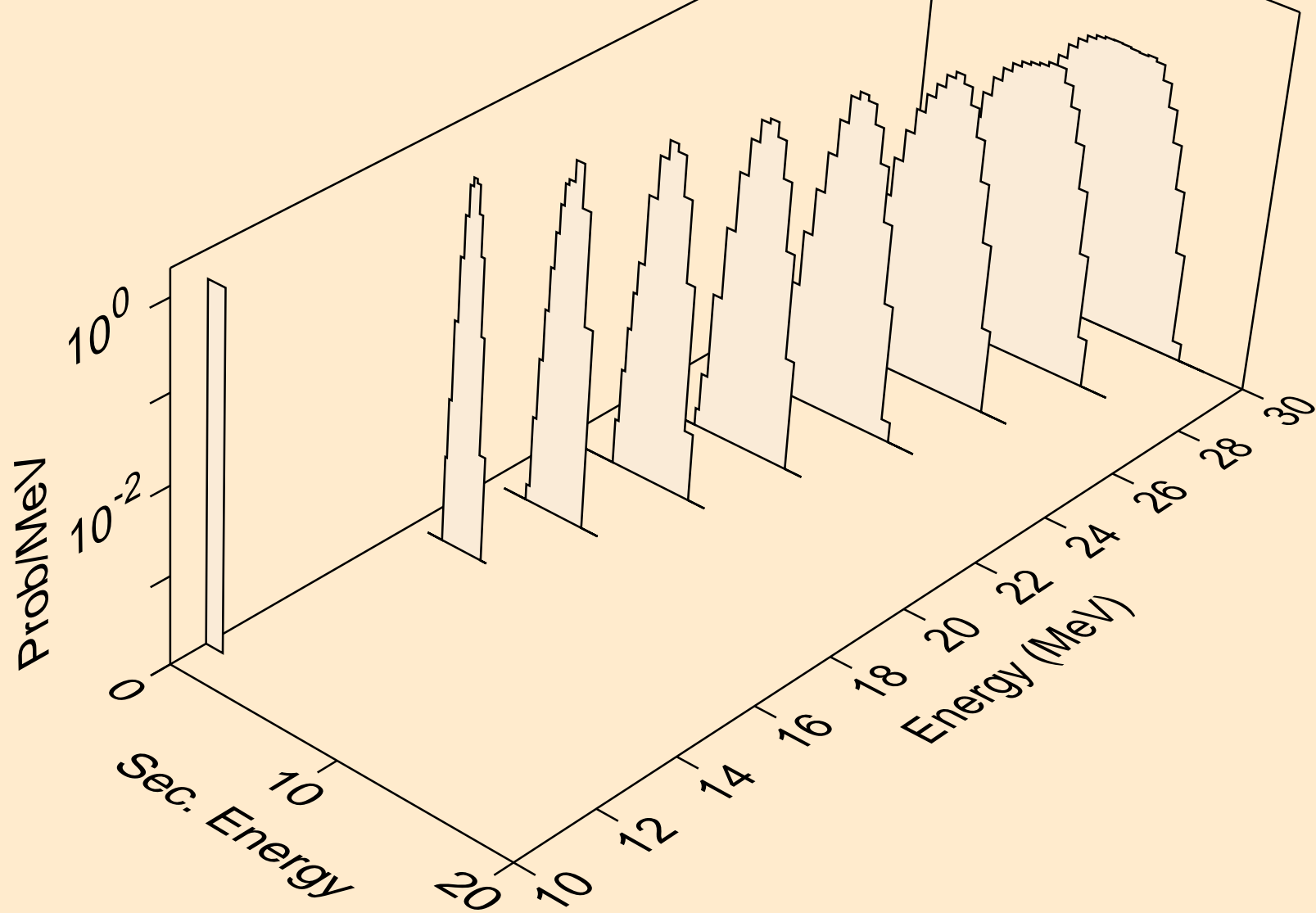


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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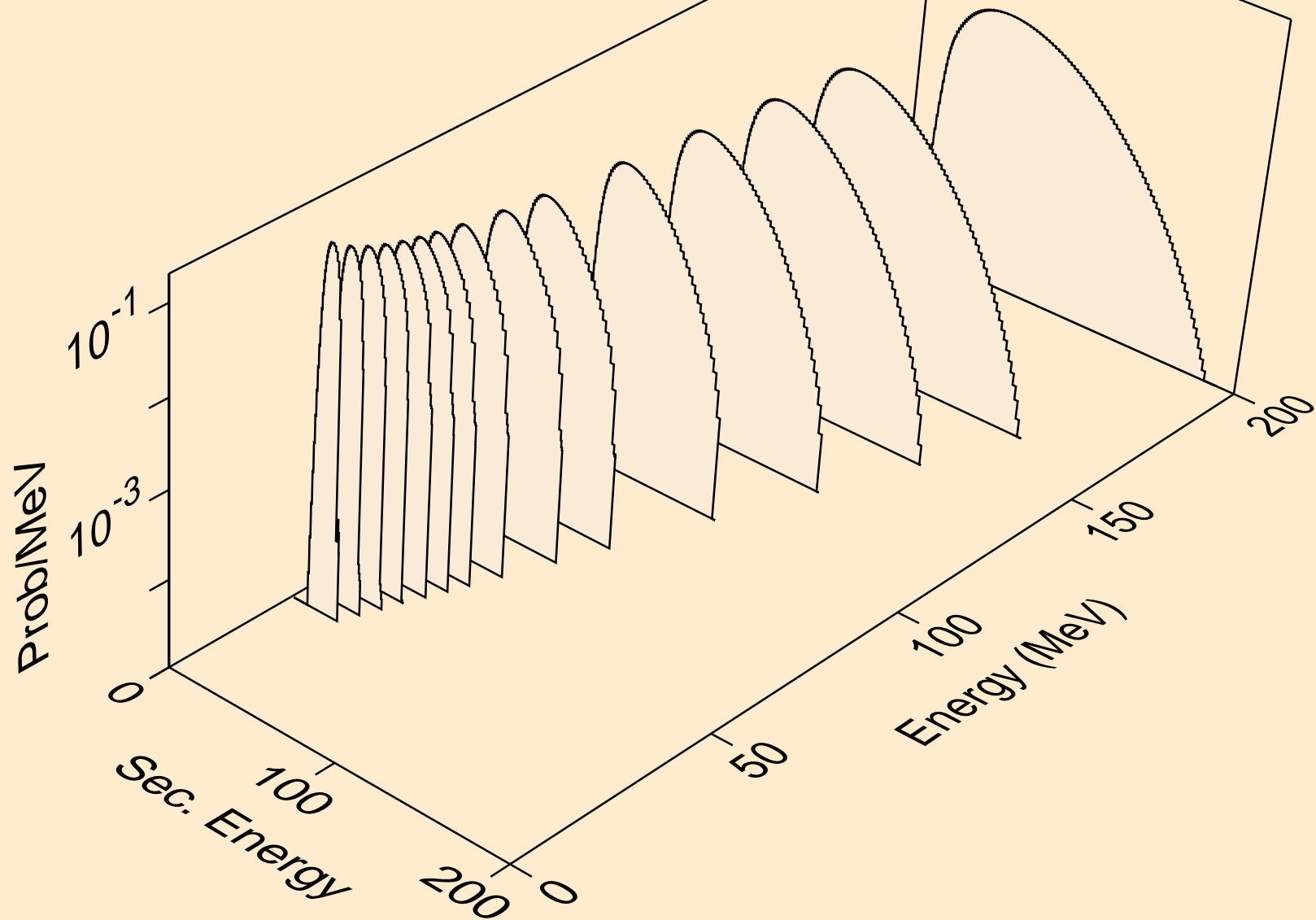




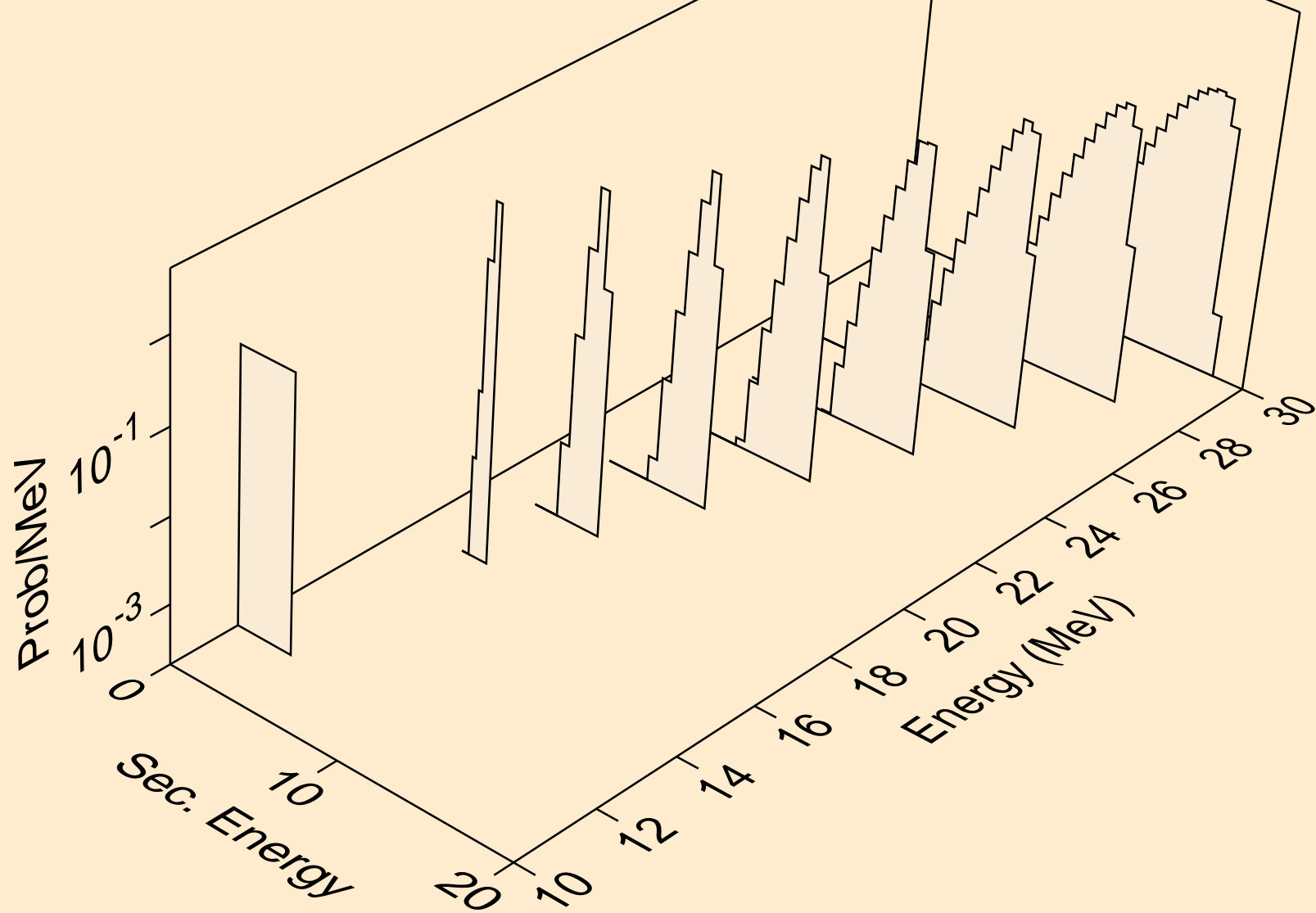
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



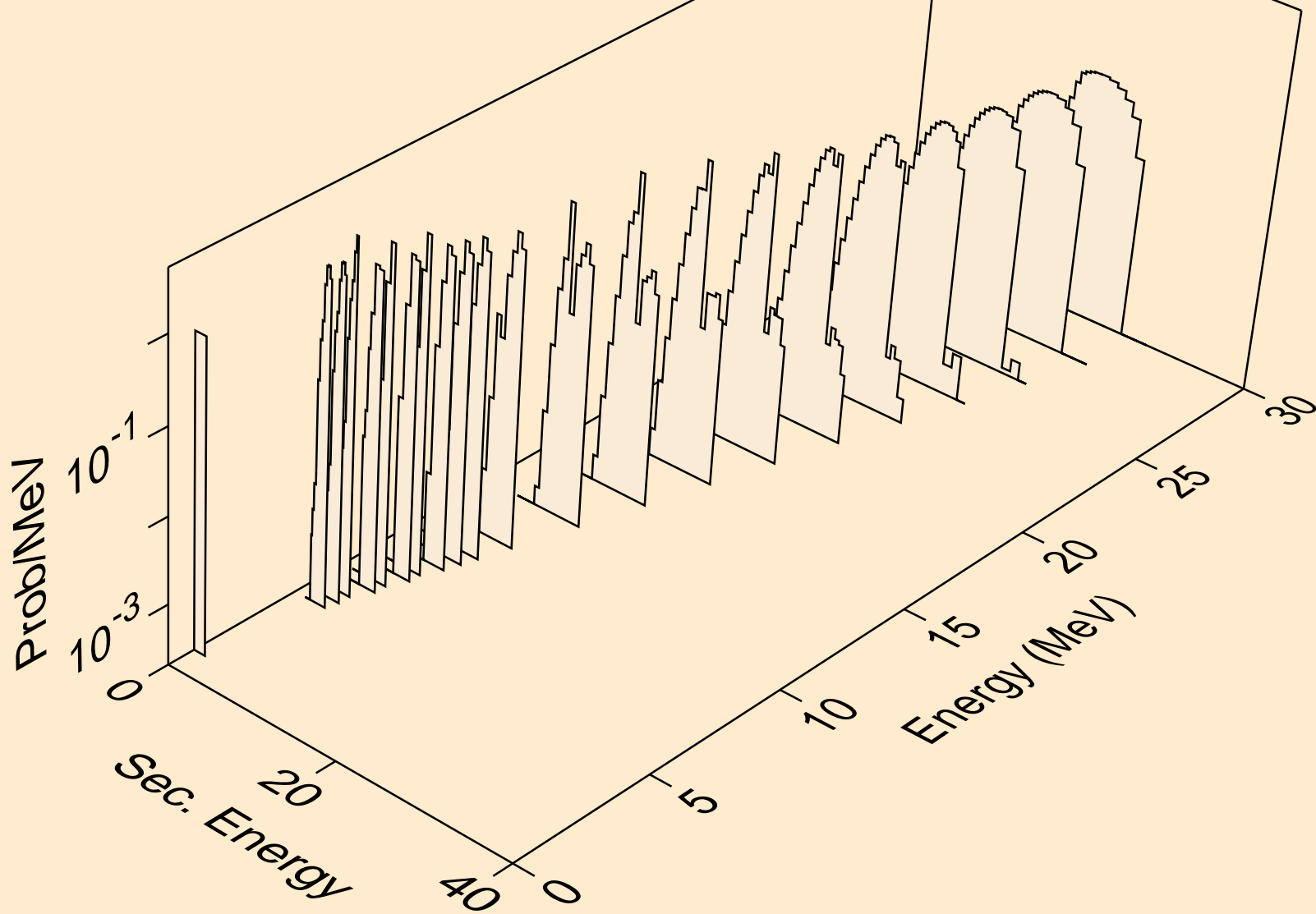
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



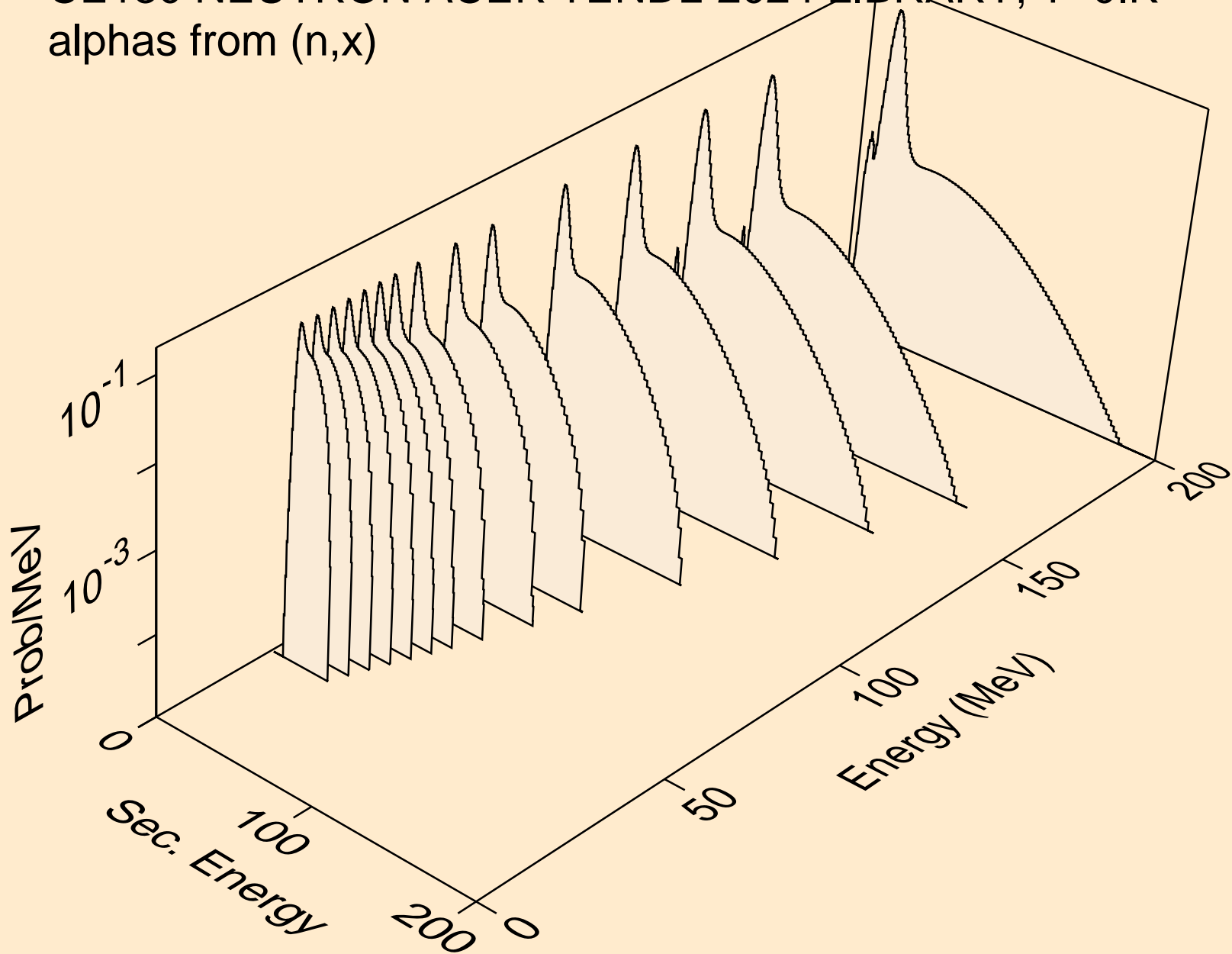
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



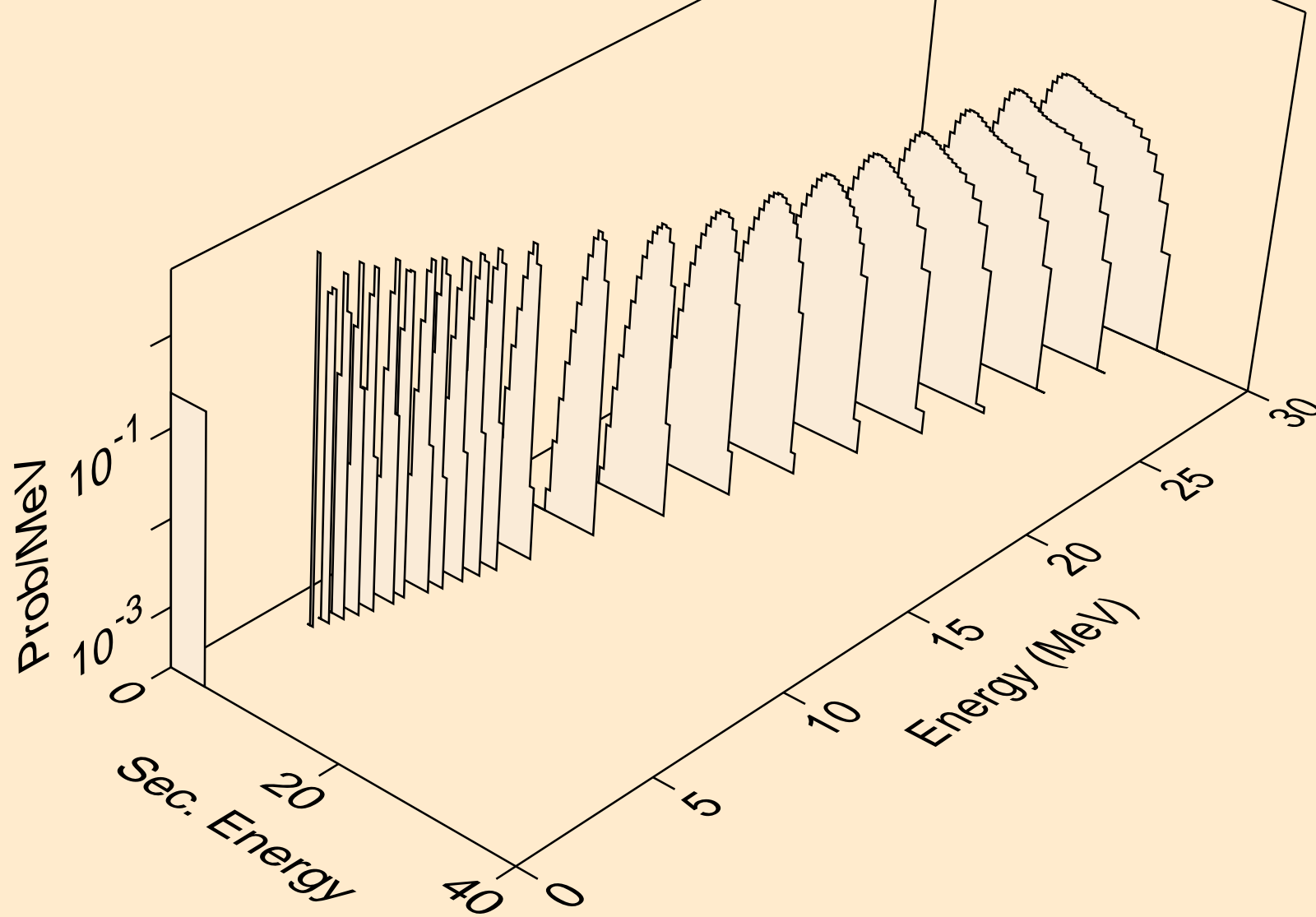
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he3s from (n,he3)



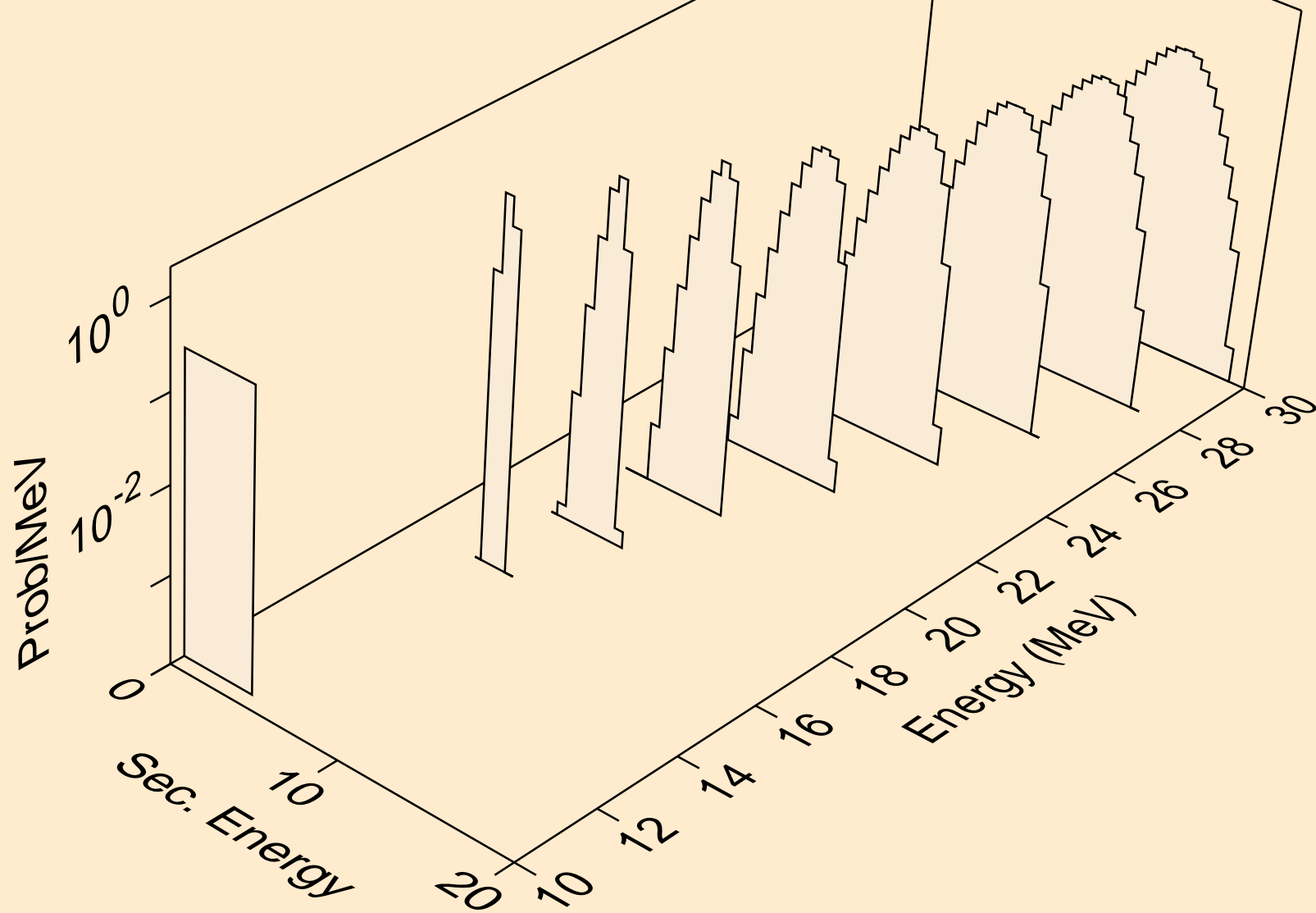
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



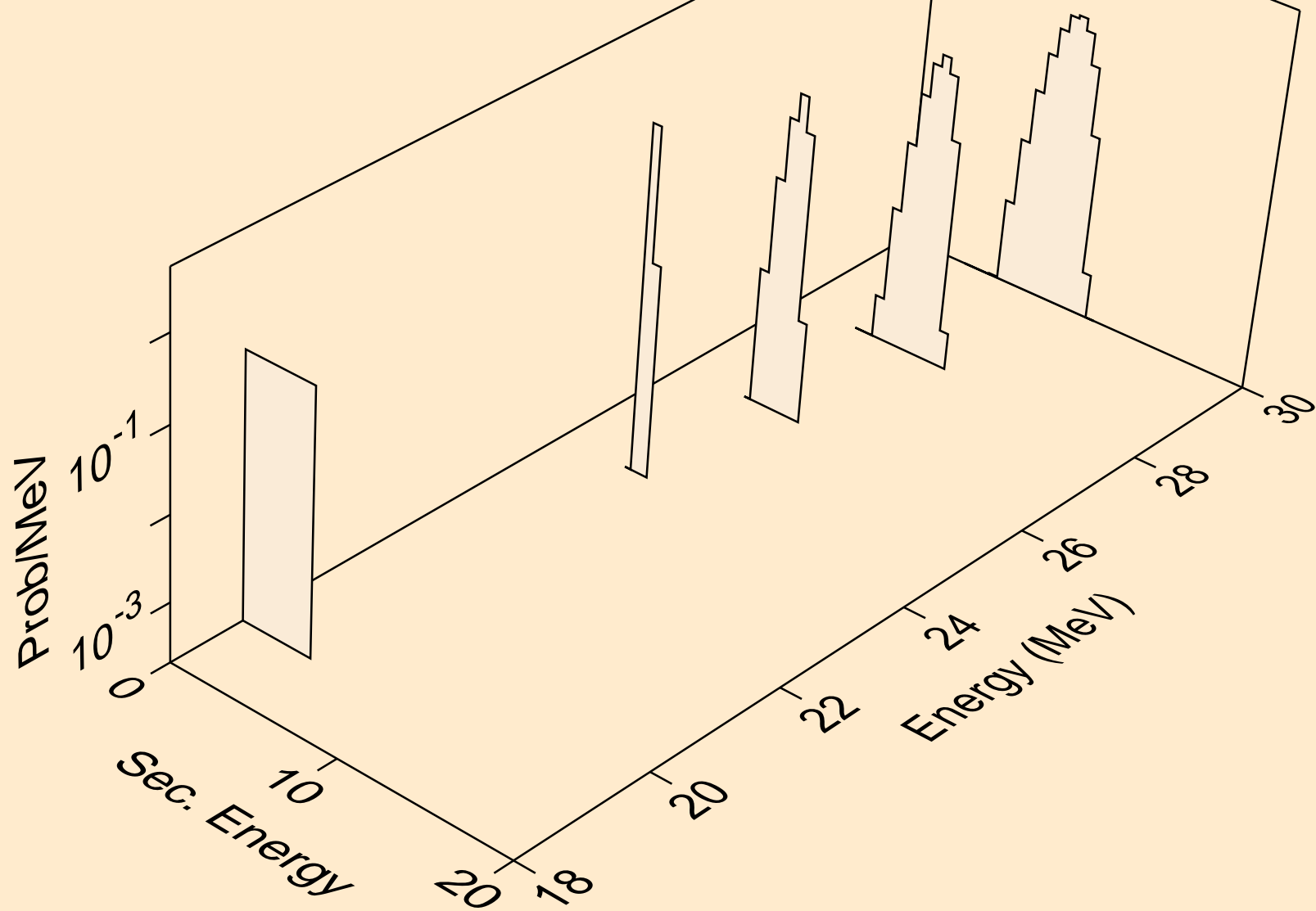
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

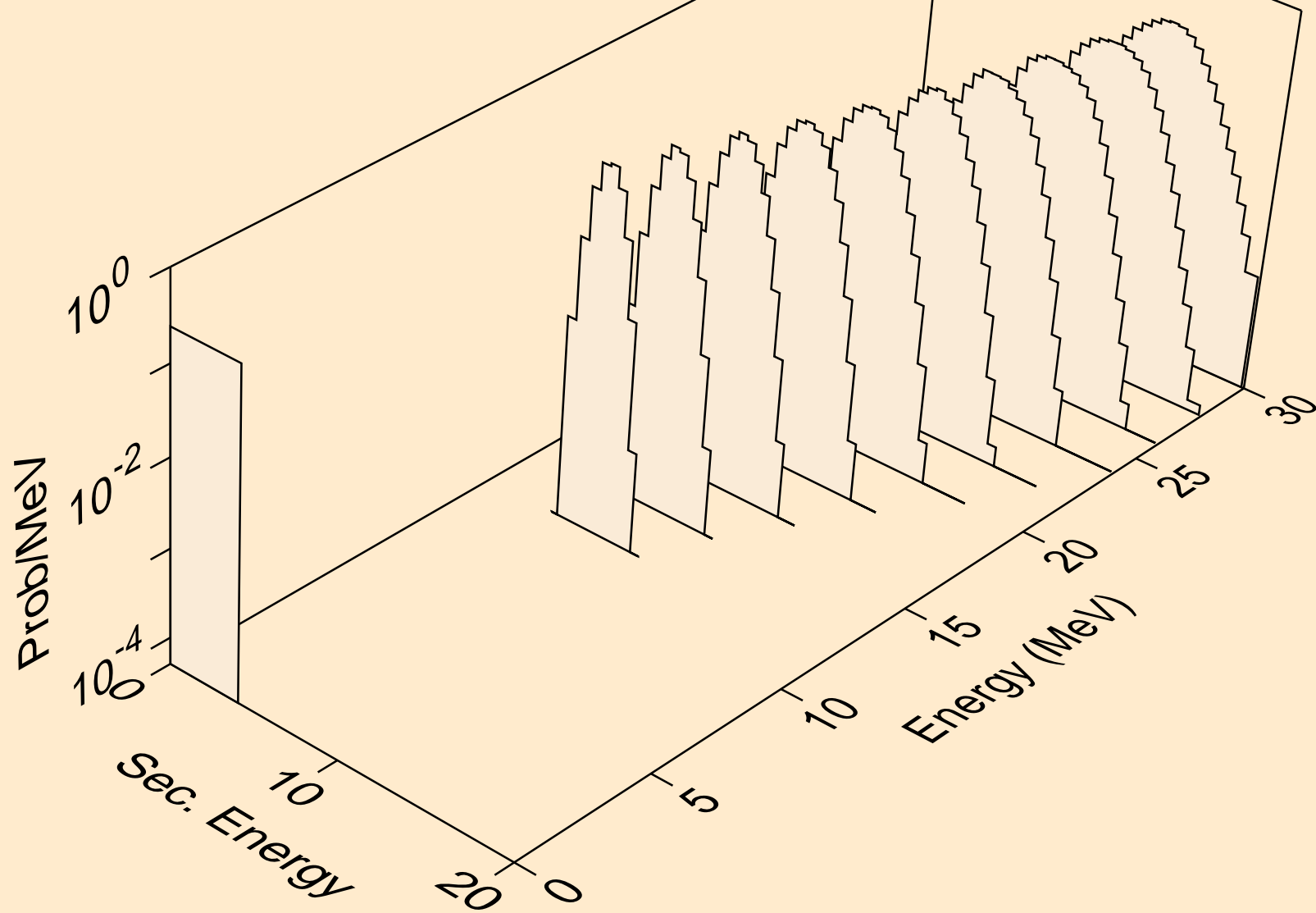


CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

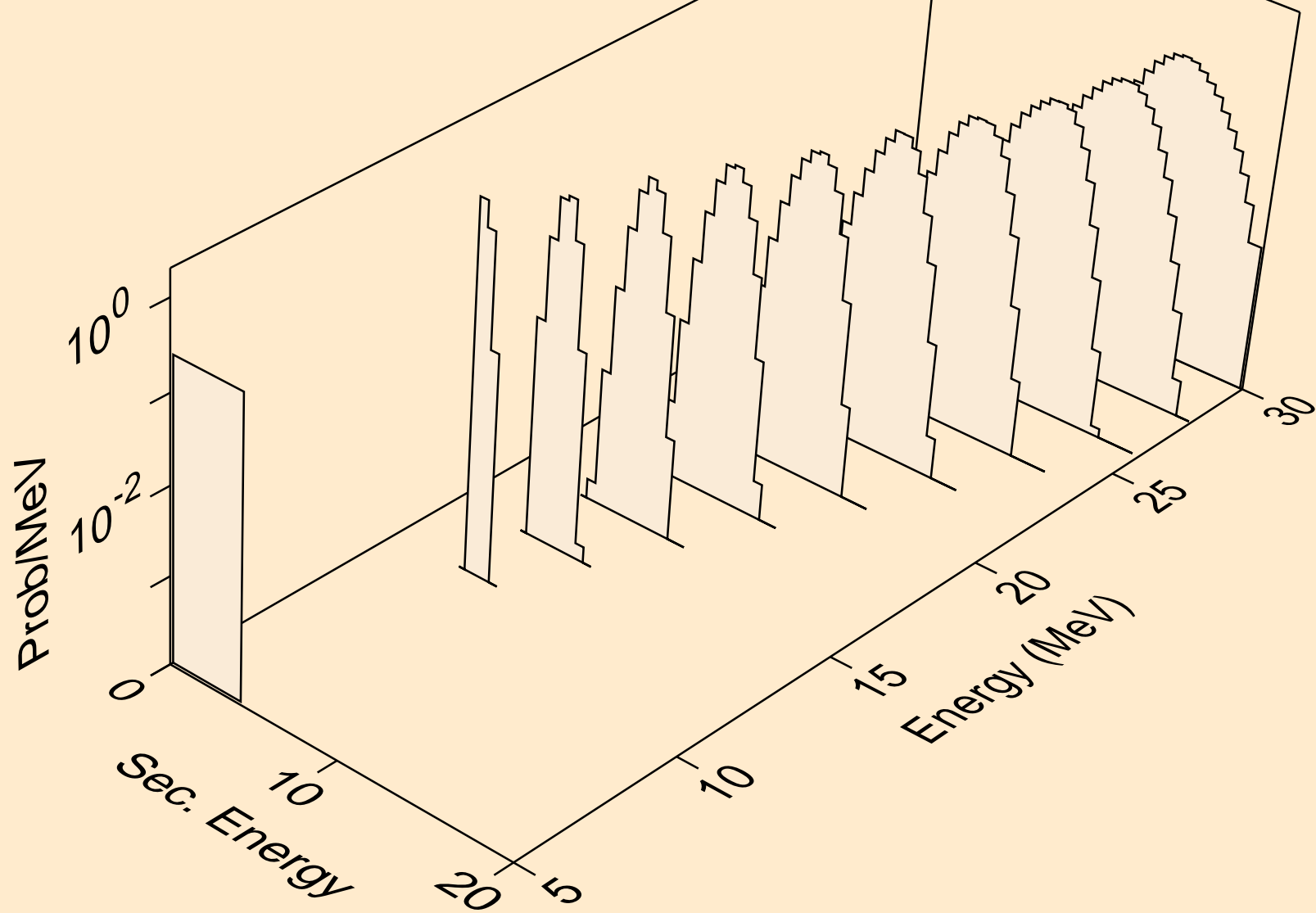




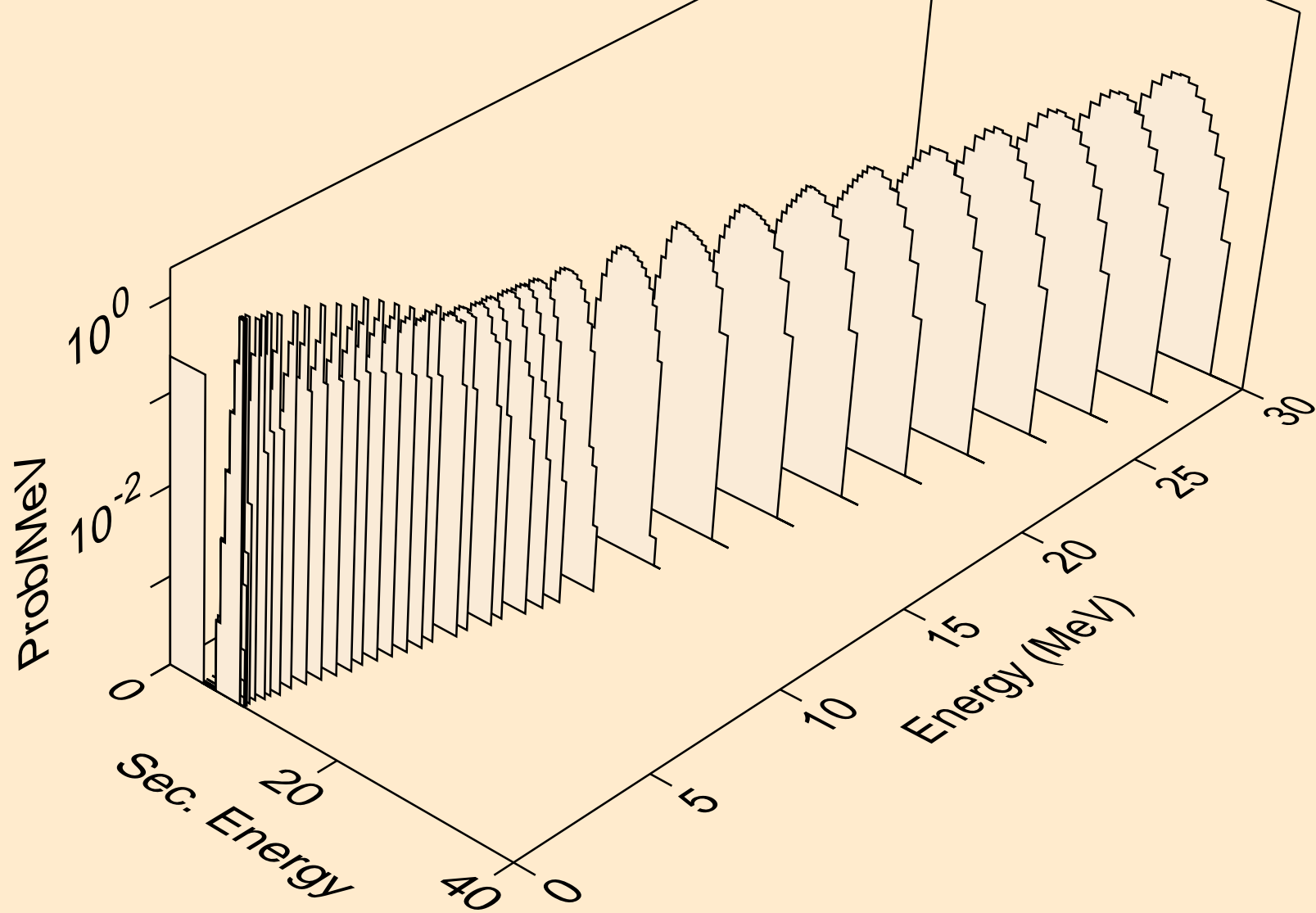
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alphas from (n,n\*)2a



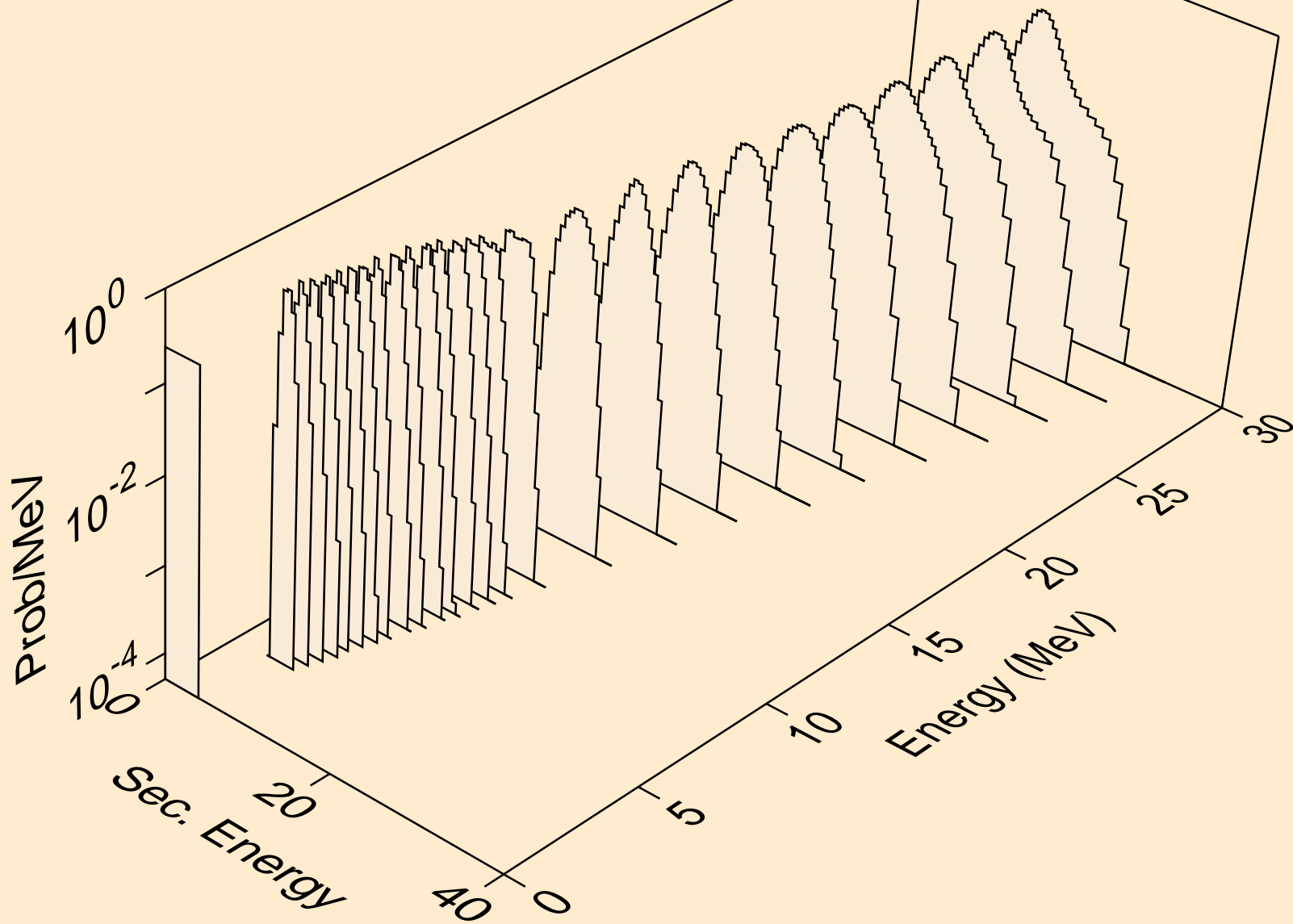
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alphas from (n,npa)



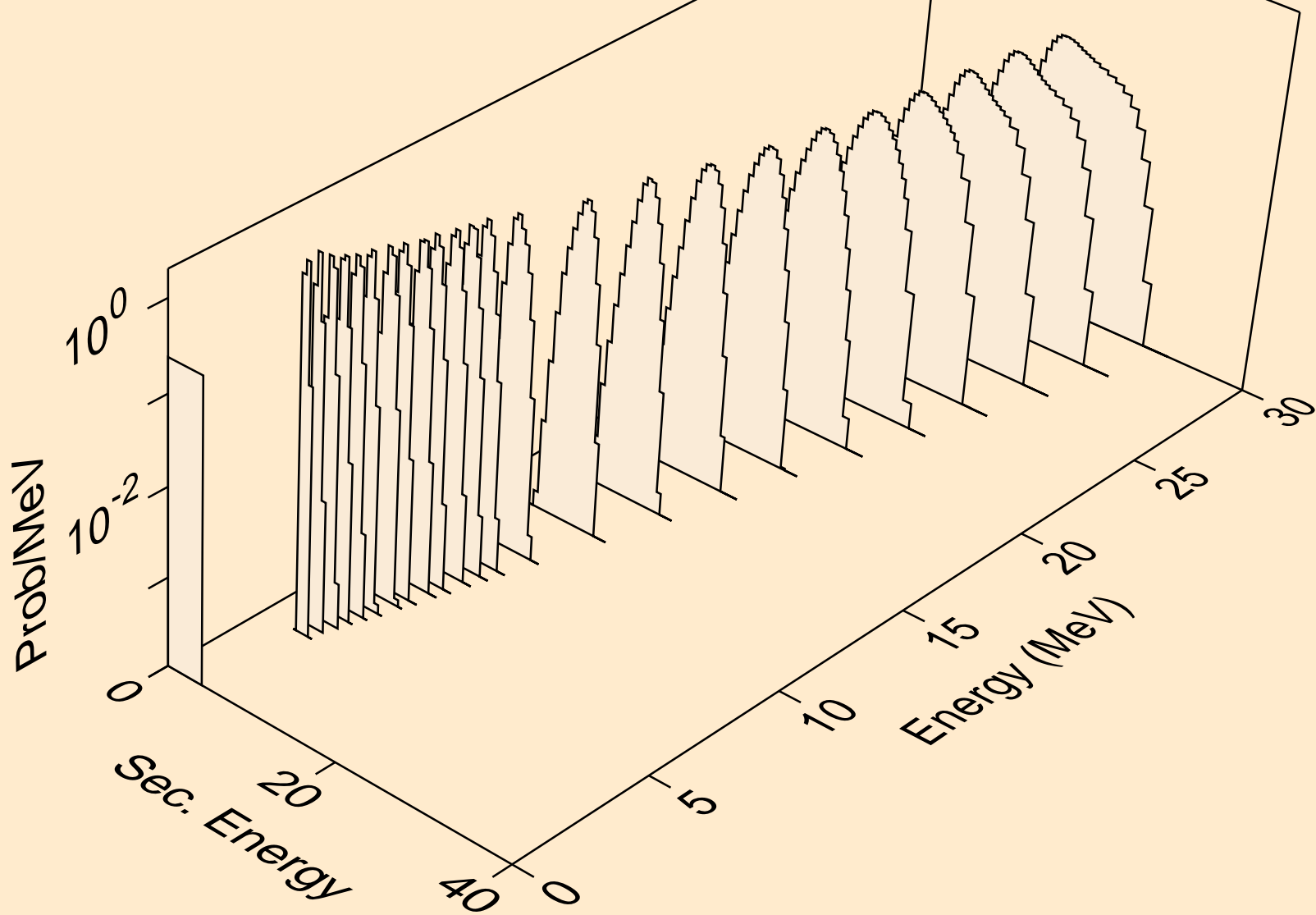
CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



CE130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

