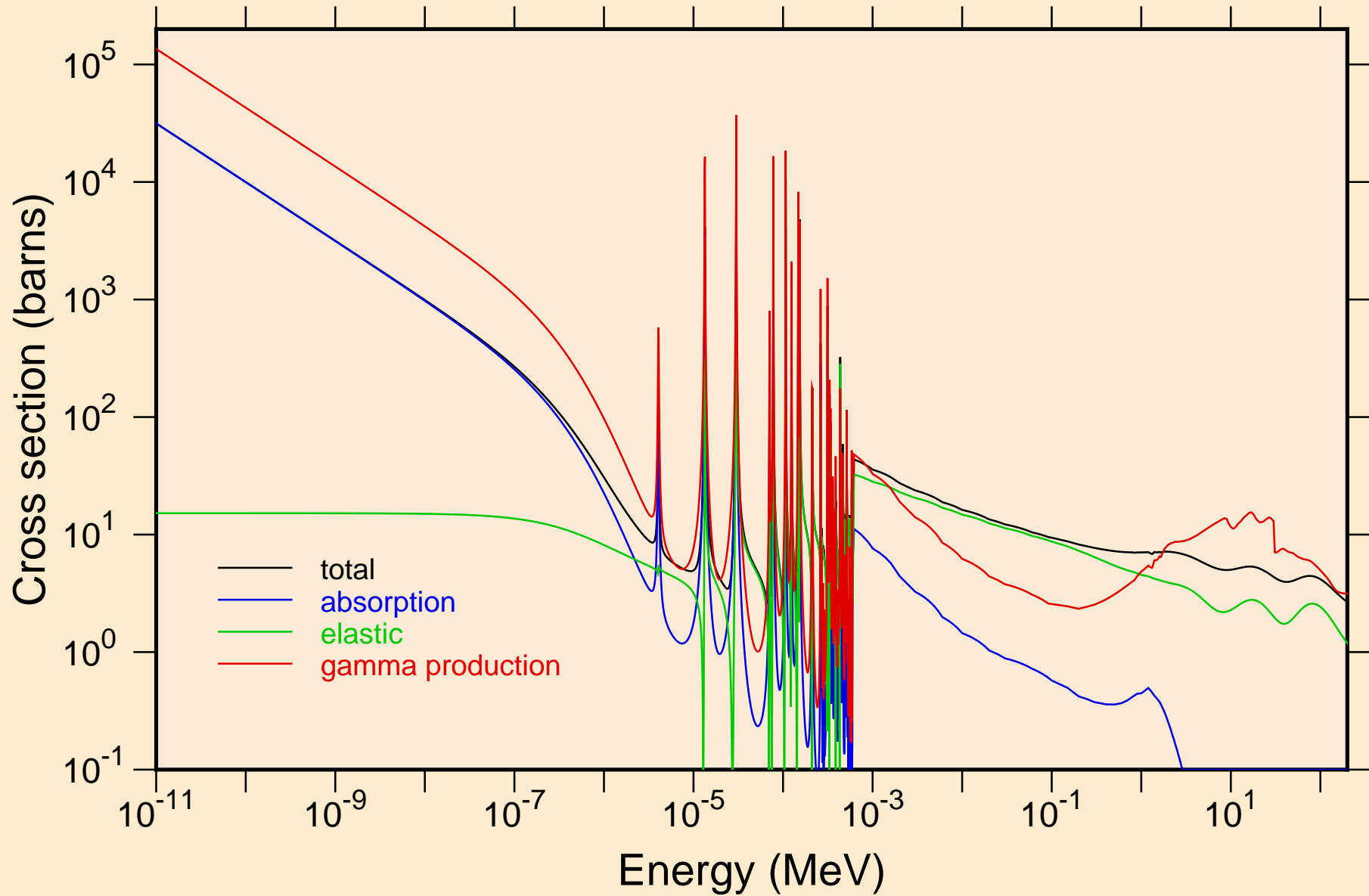
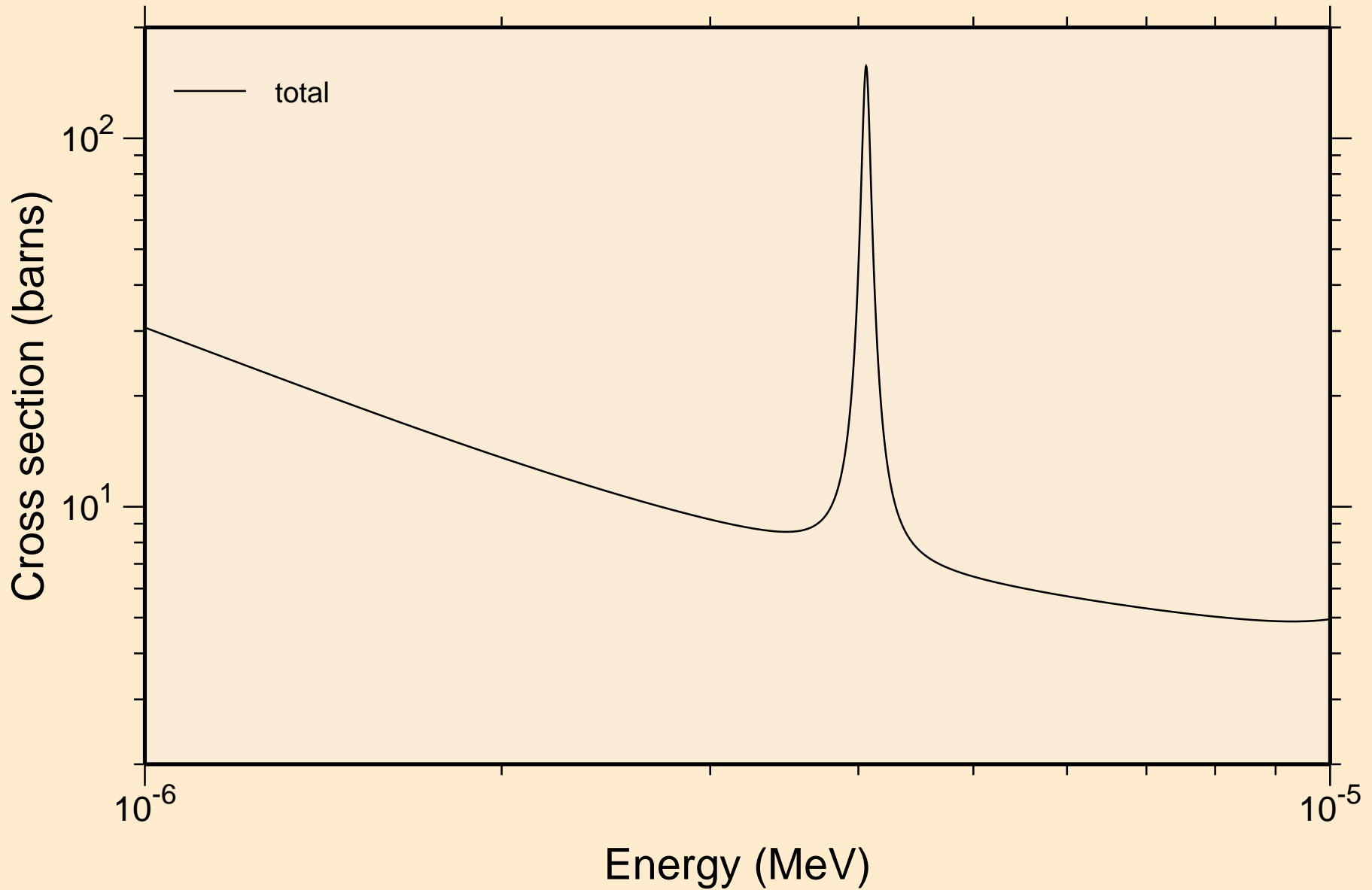


# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

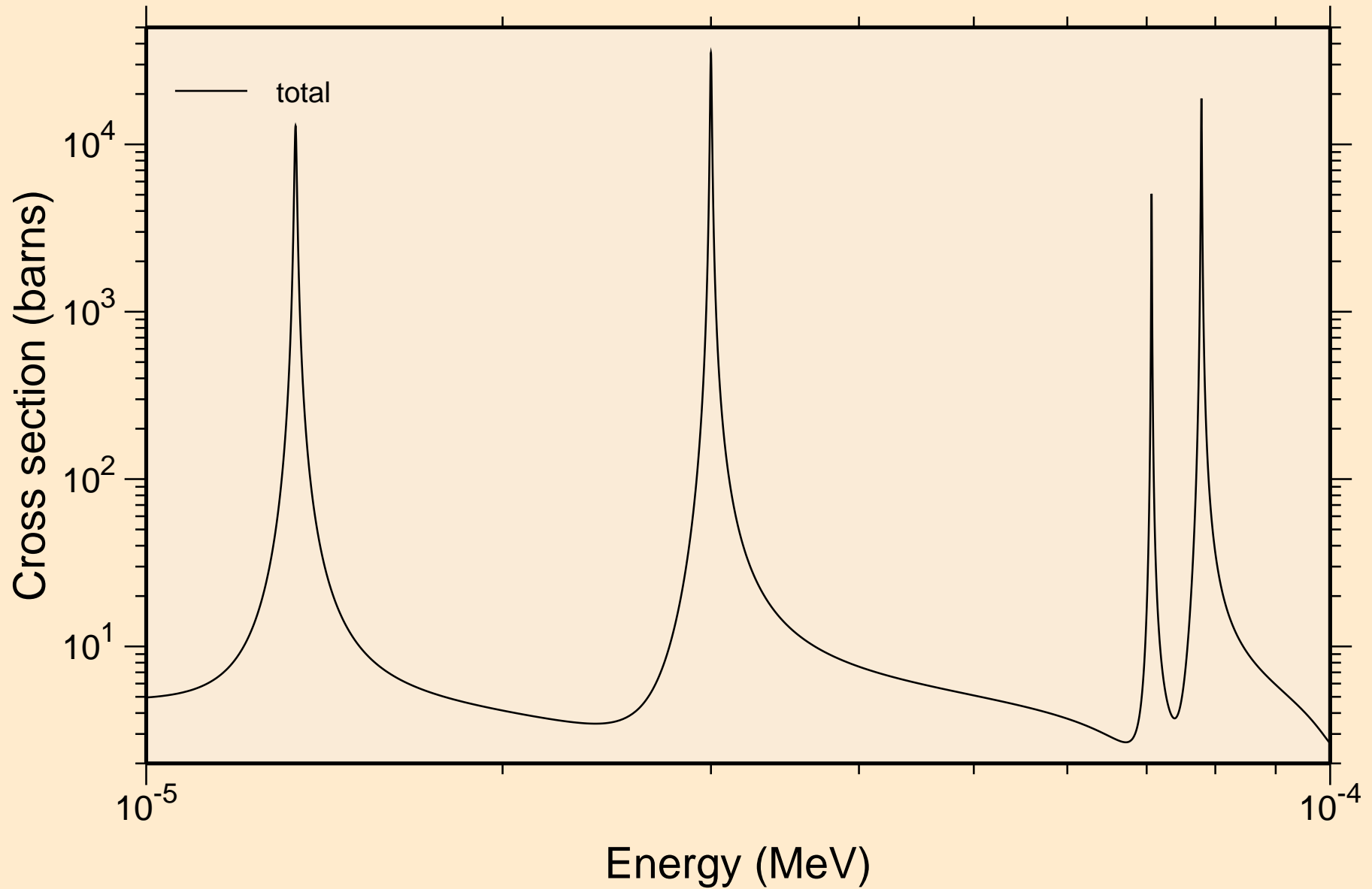
## Principal cross sections



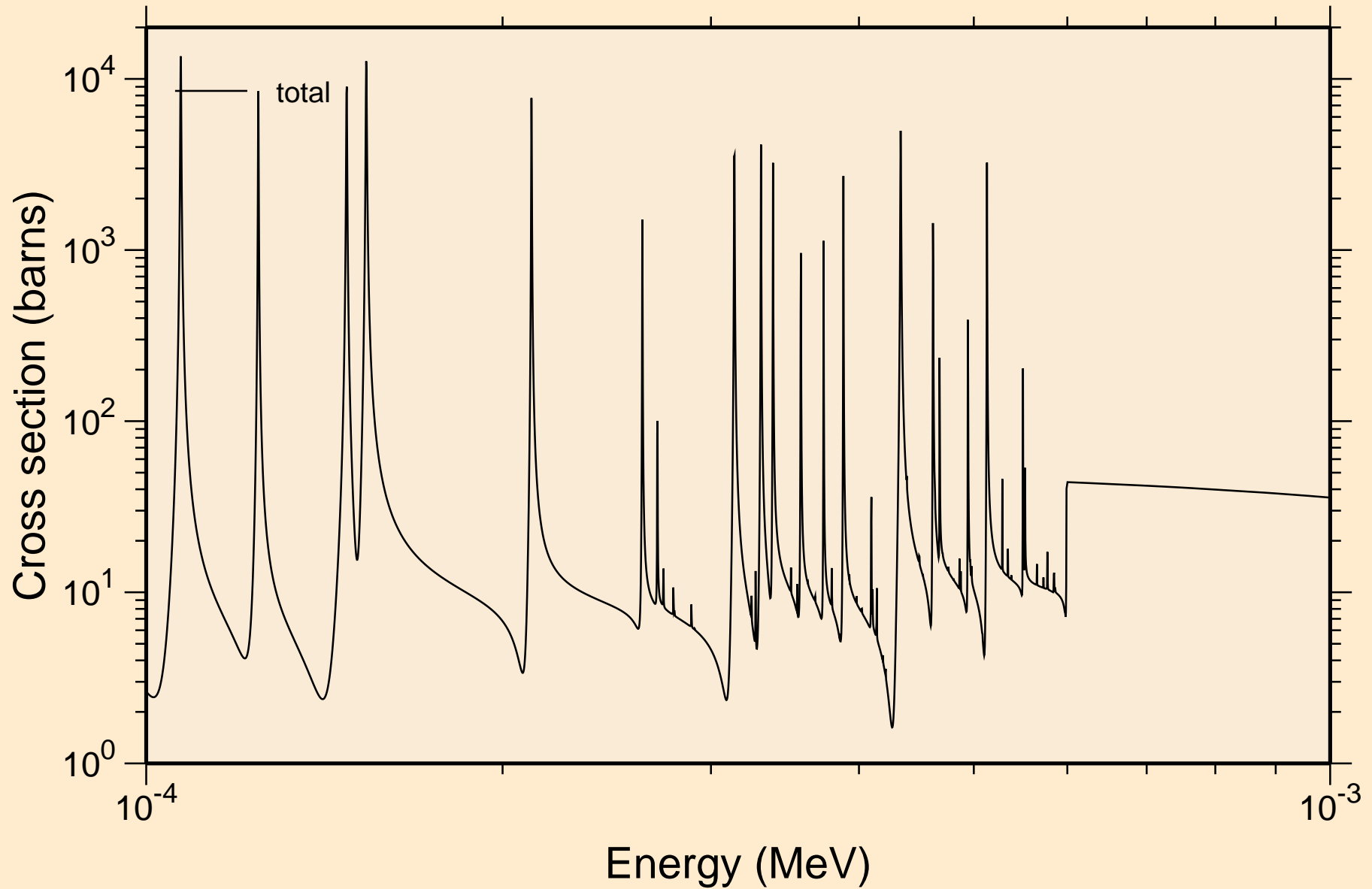
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



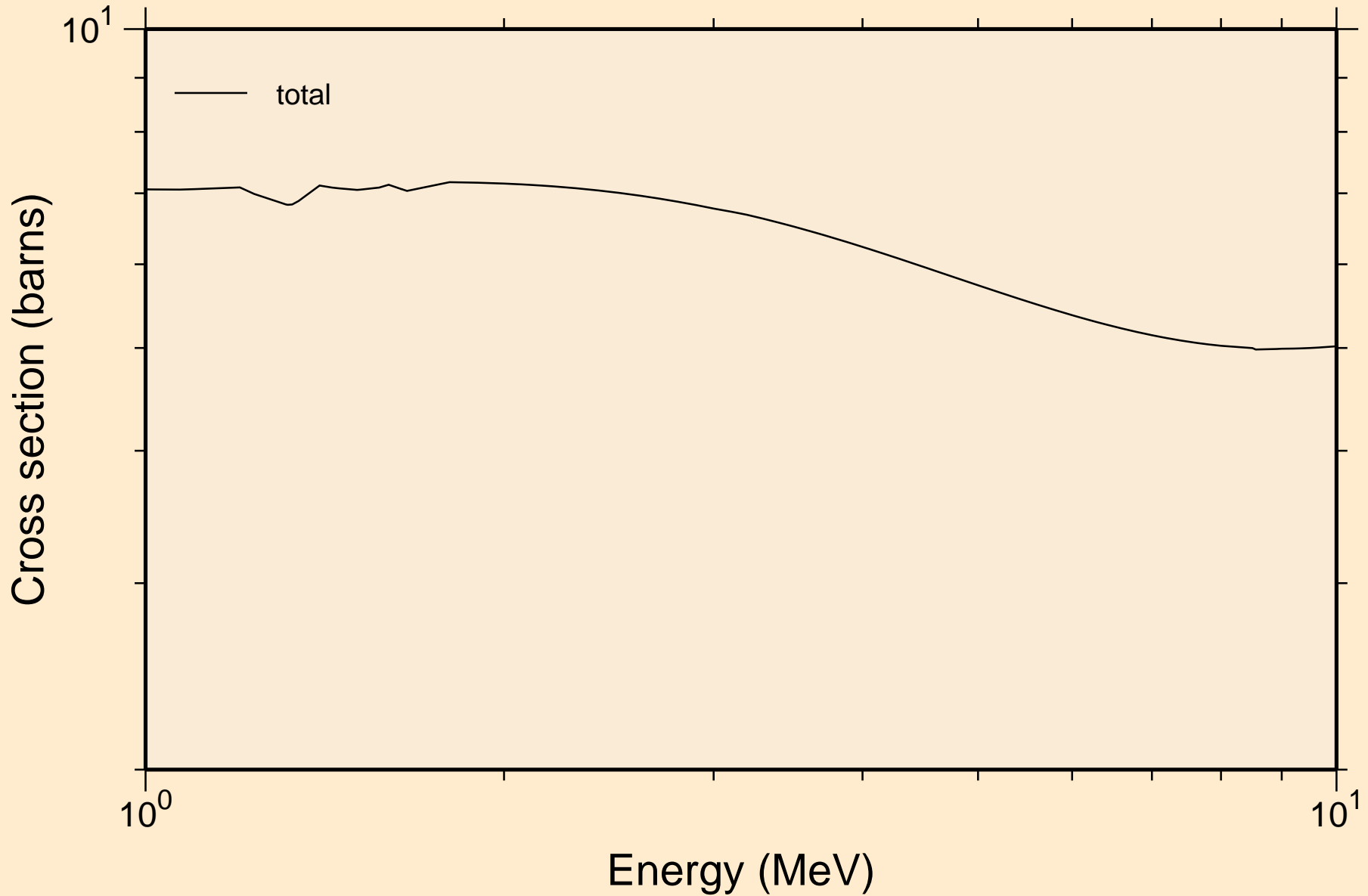
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



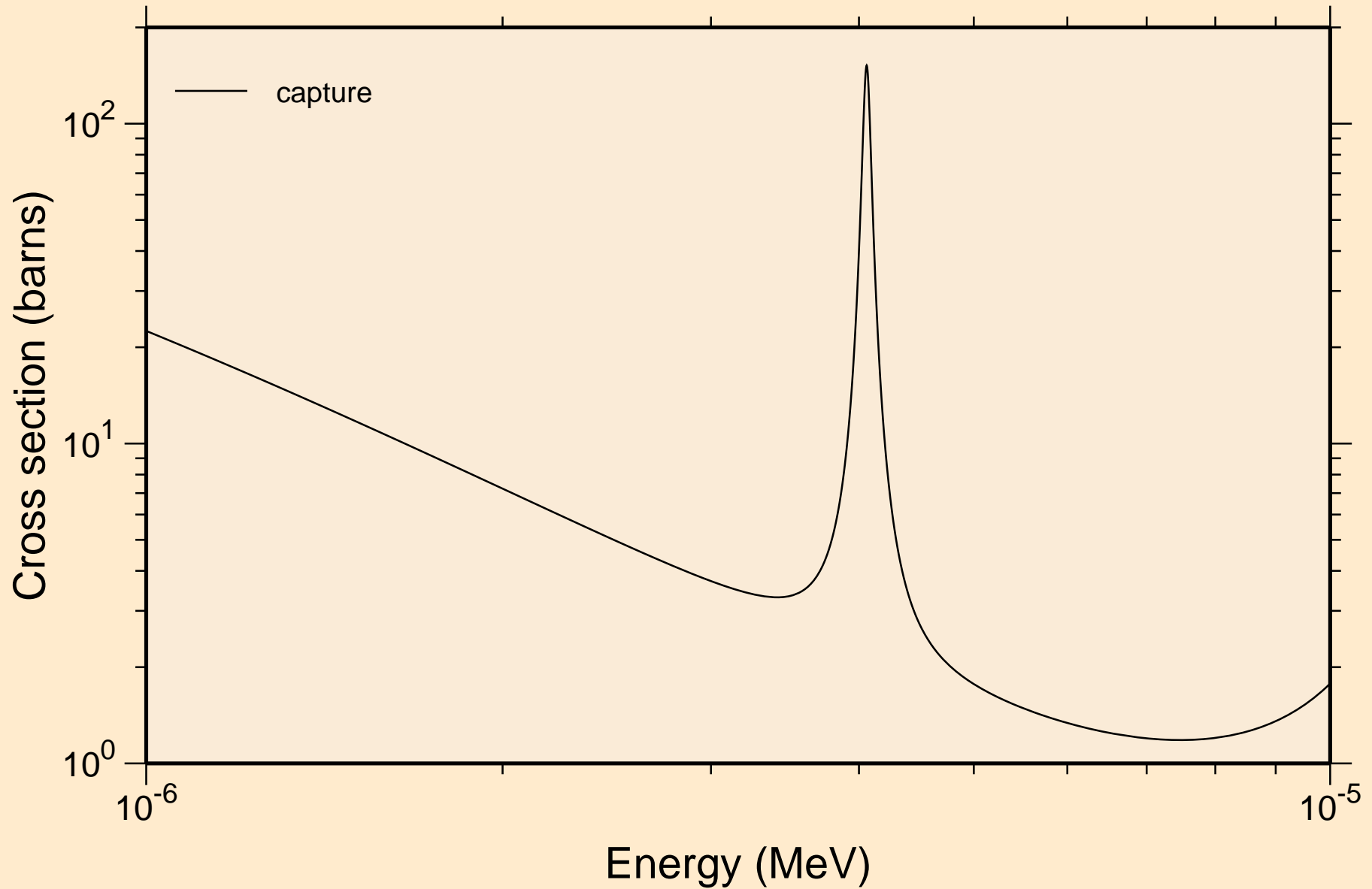
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



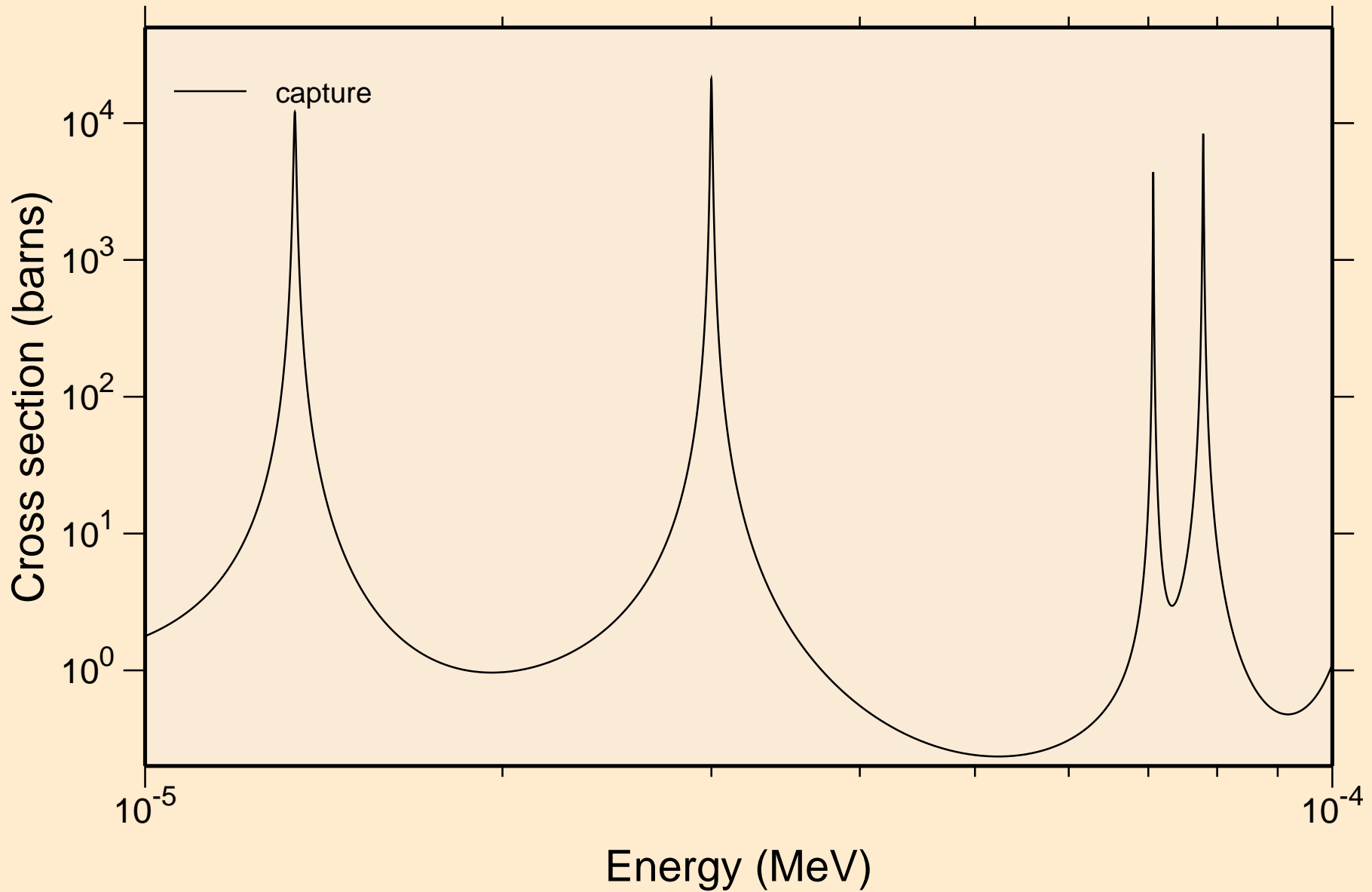
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



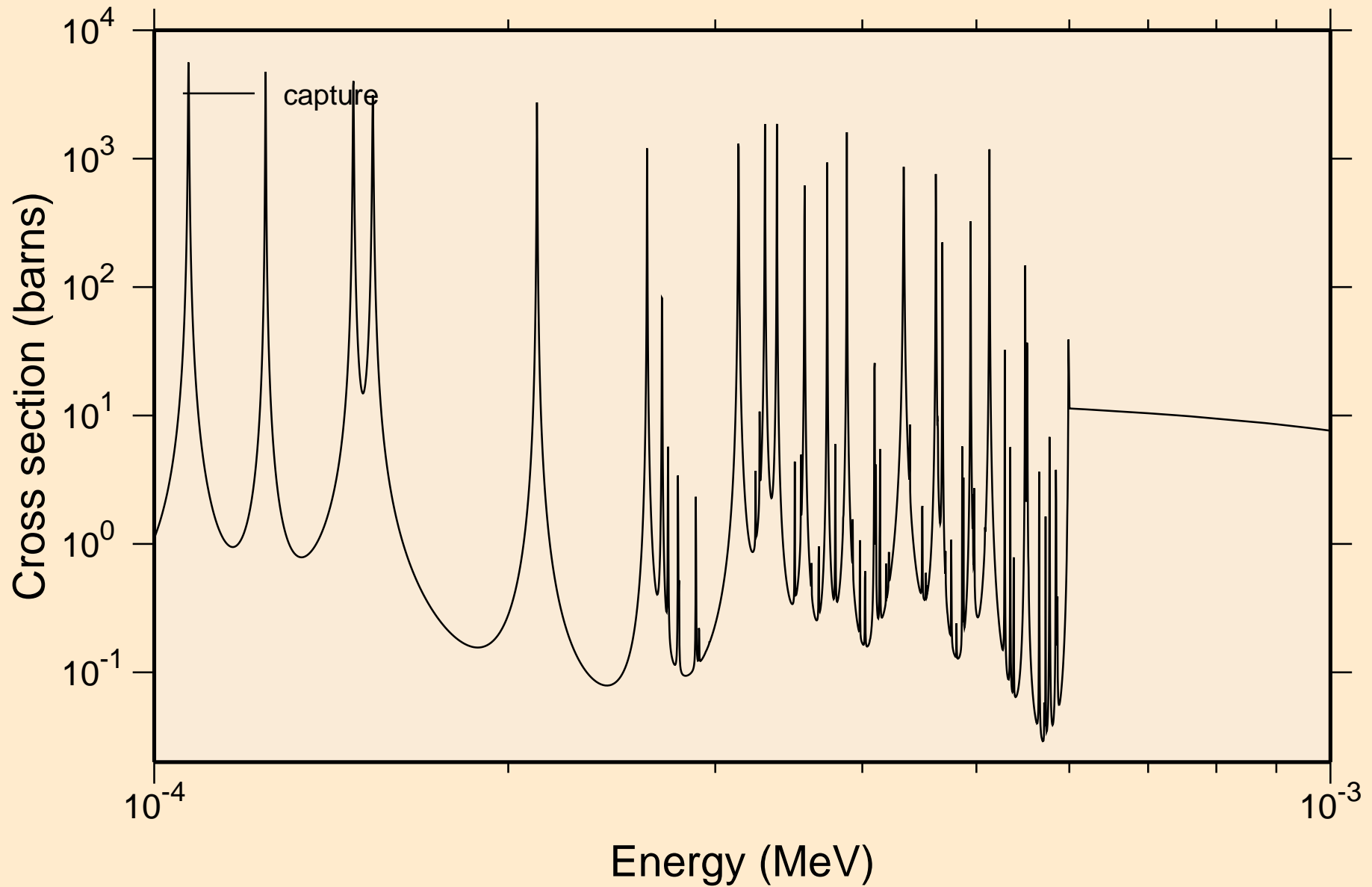
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

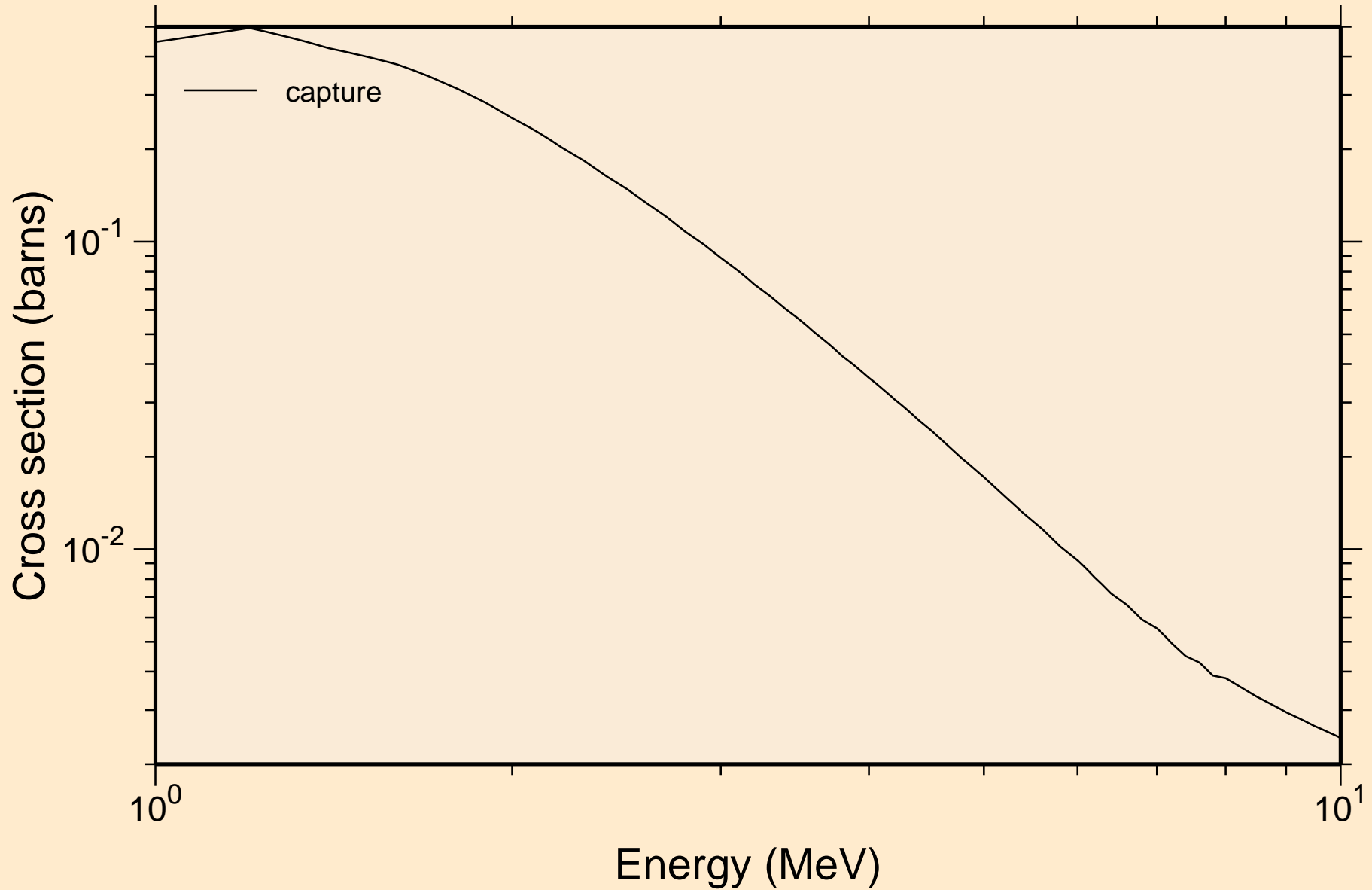


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

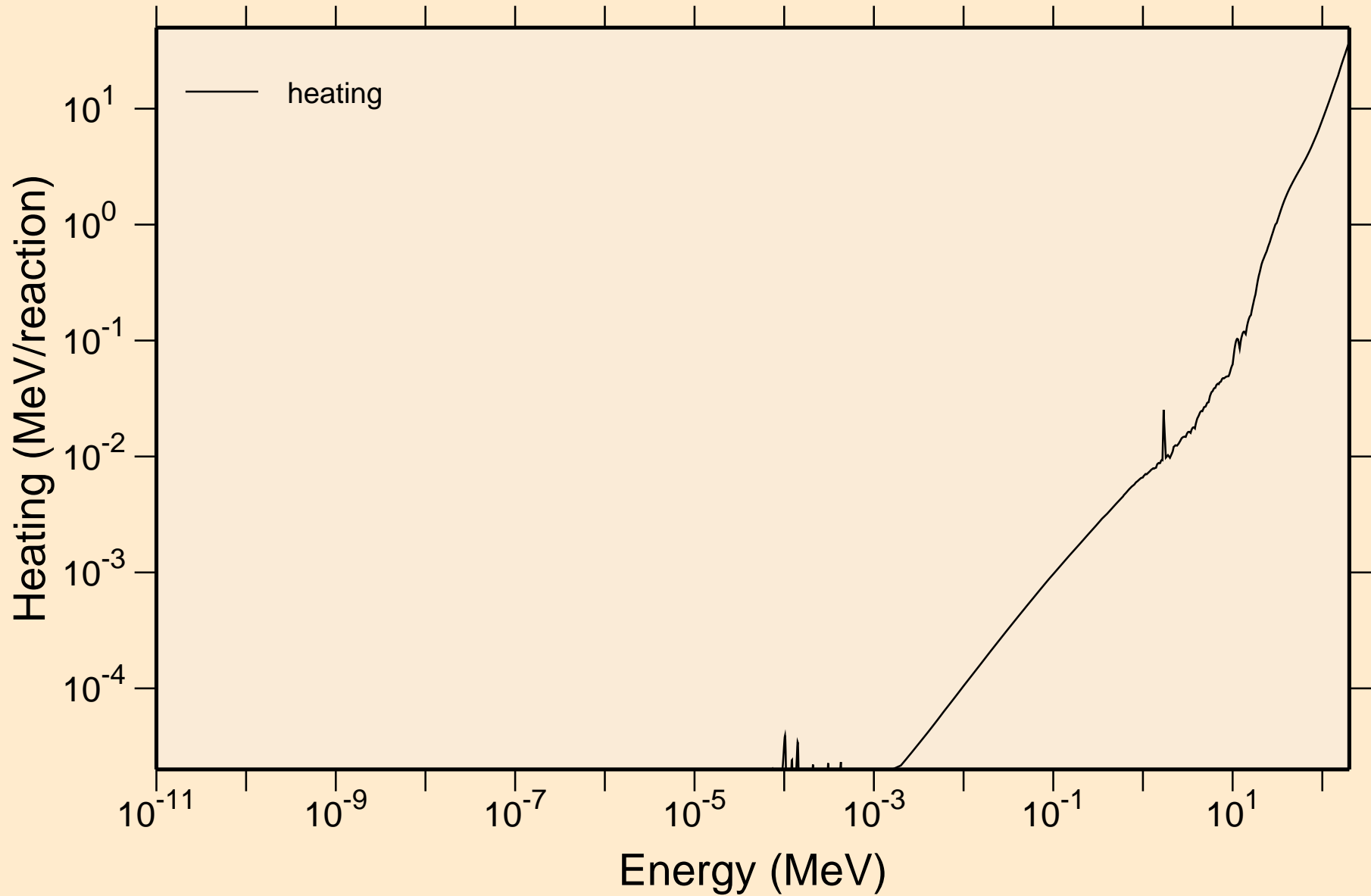




HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

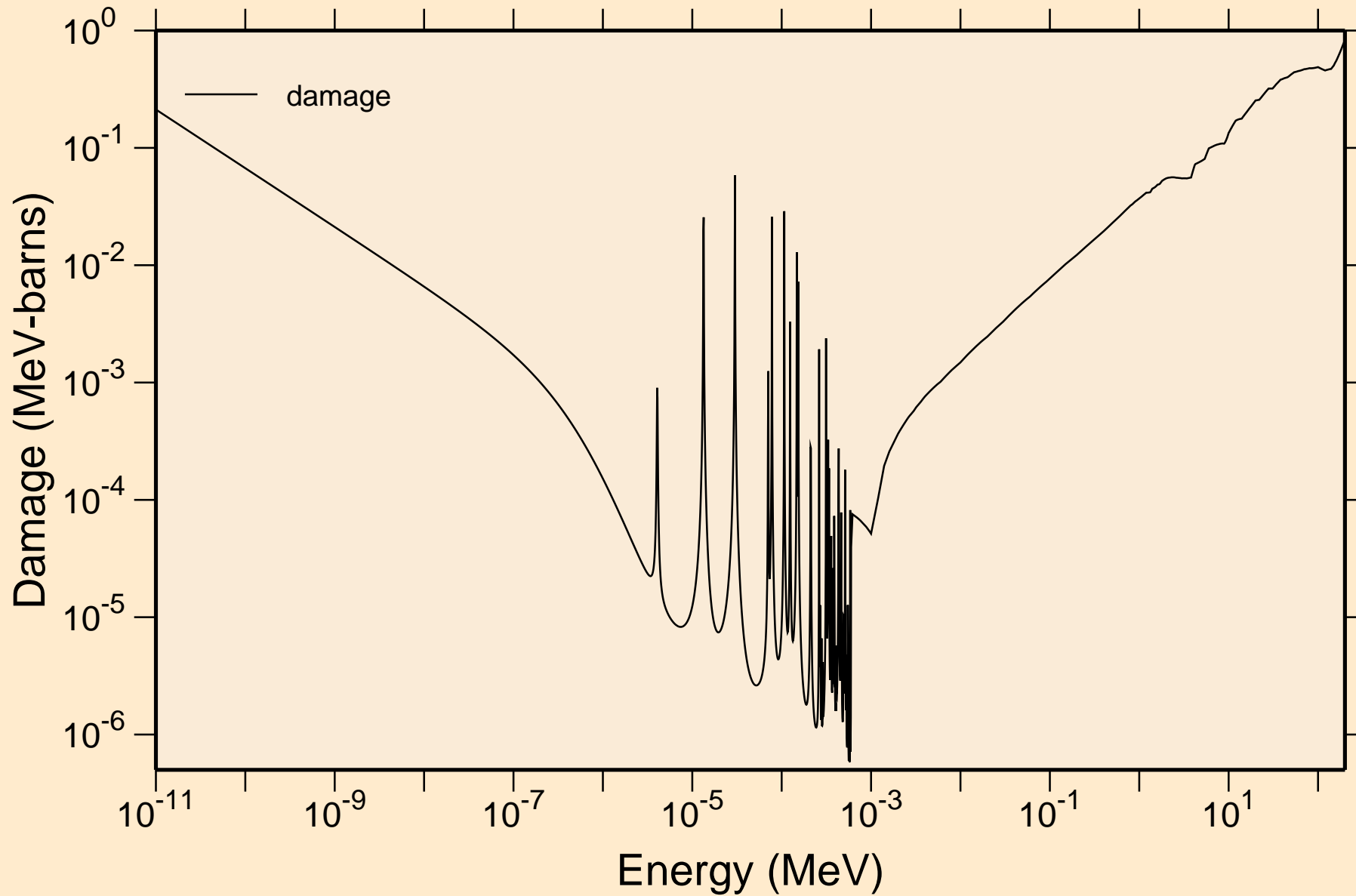


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



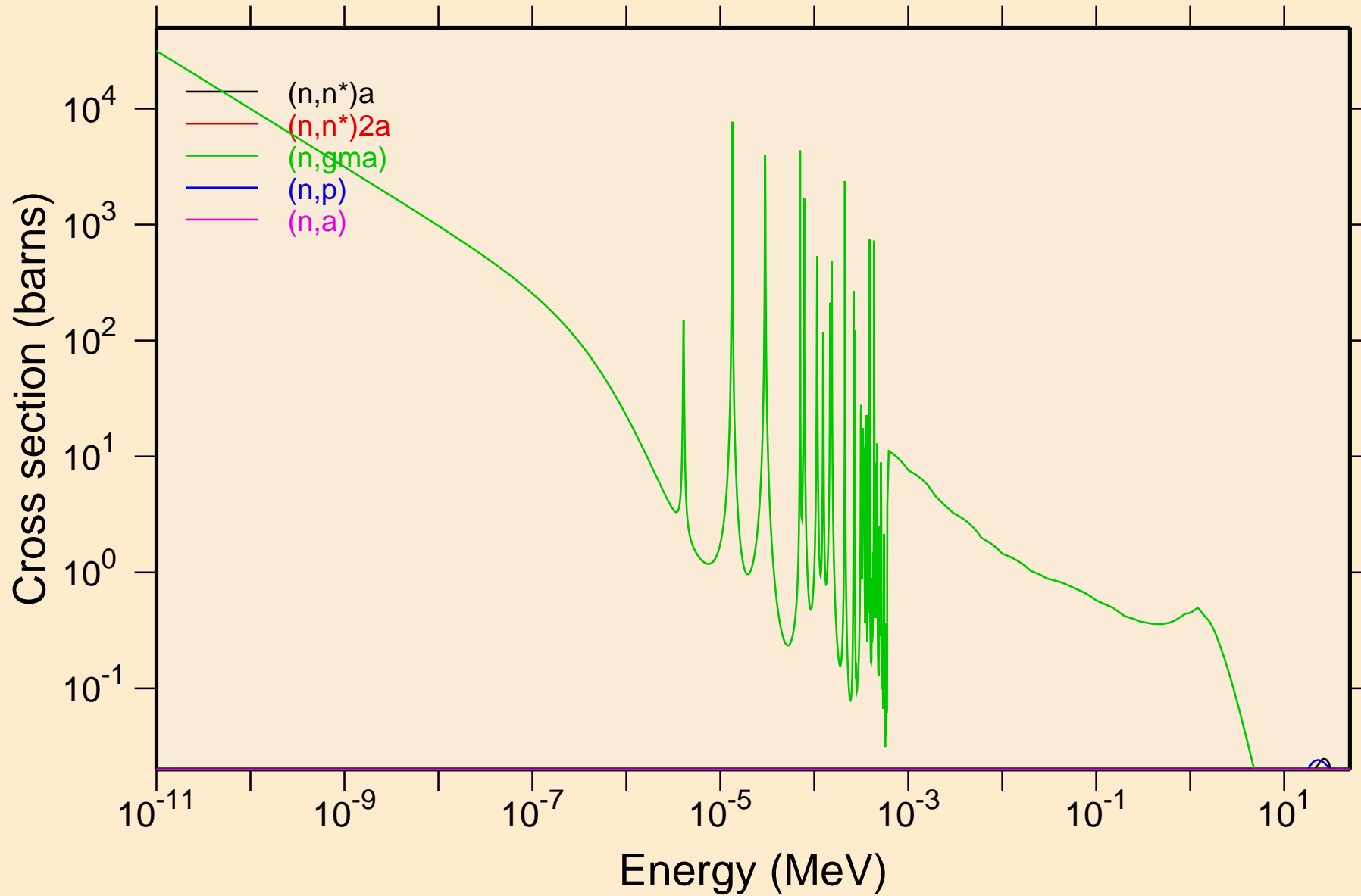
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



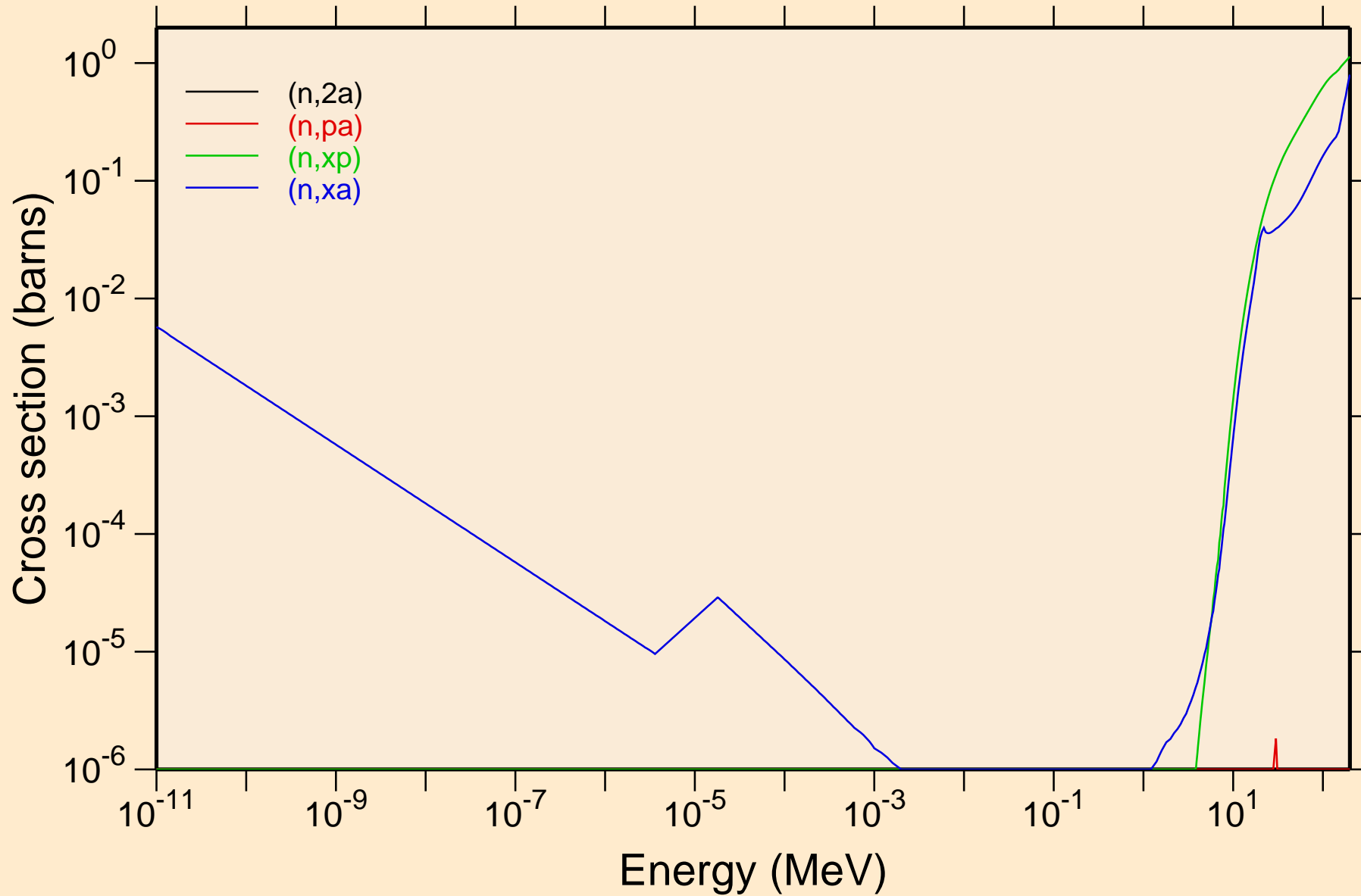
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



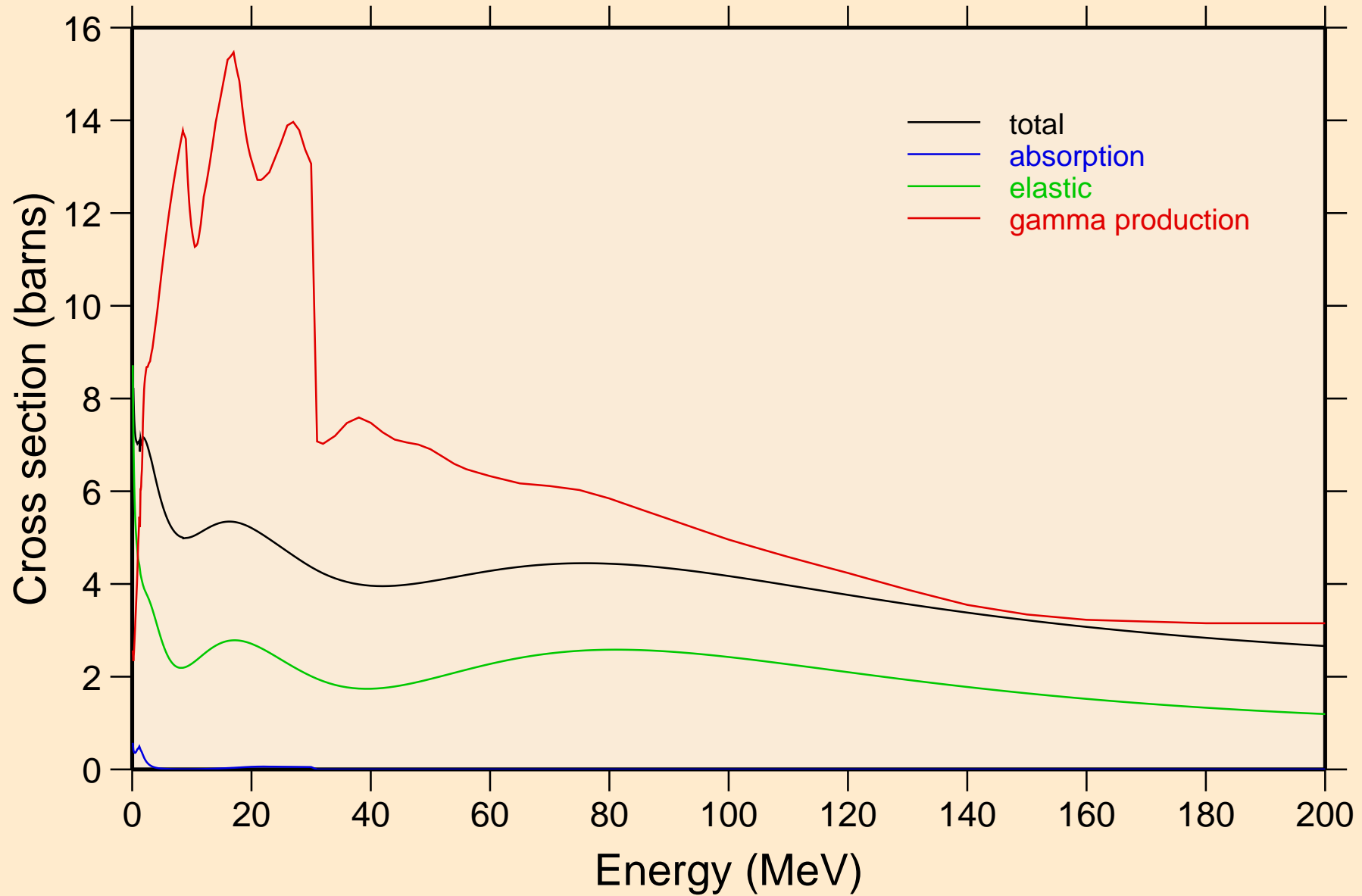
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



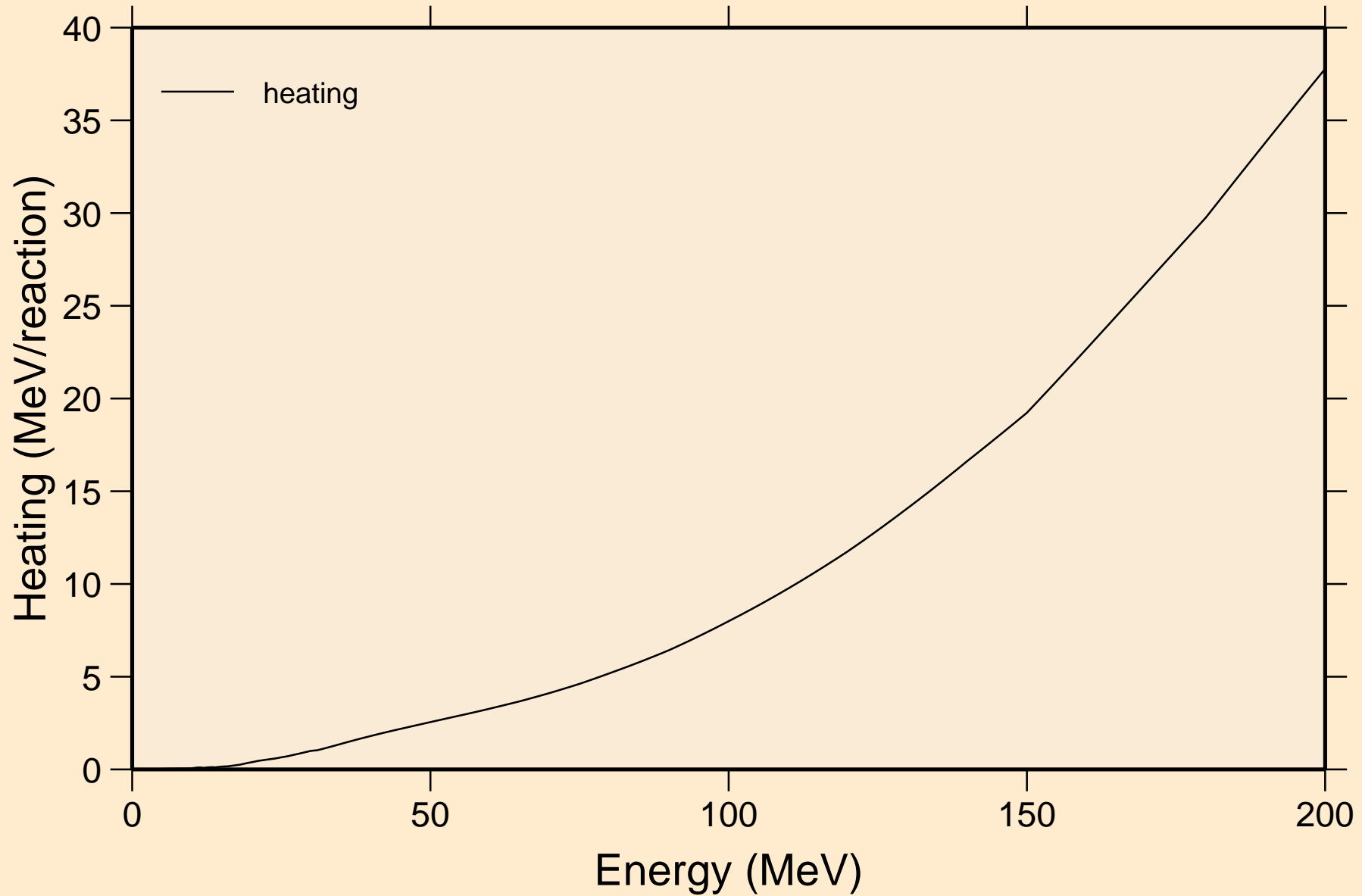
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



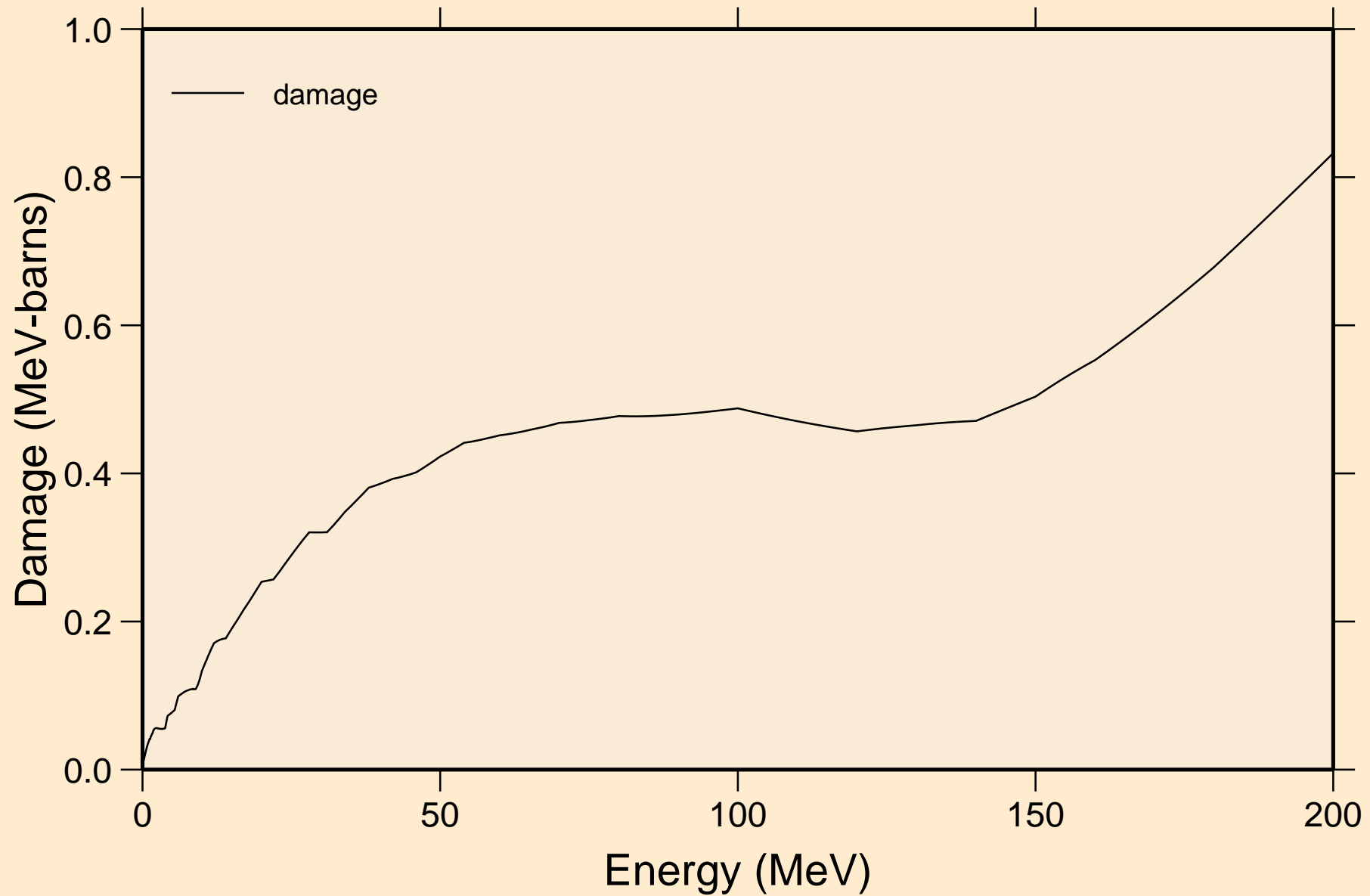
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

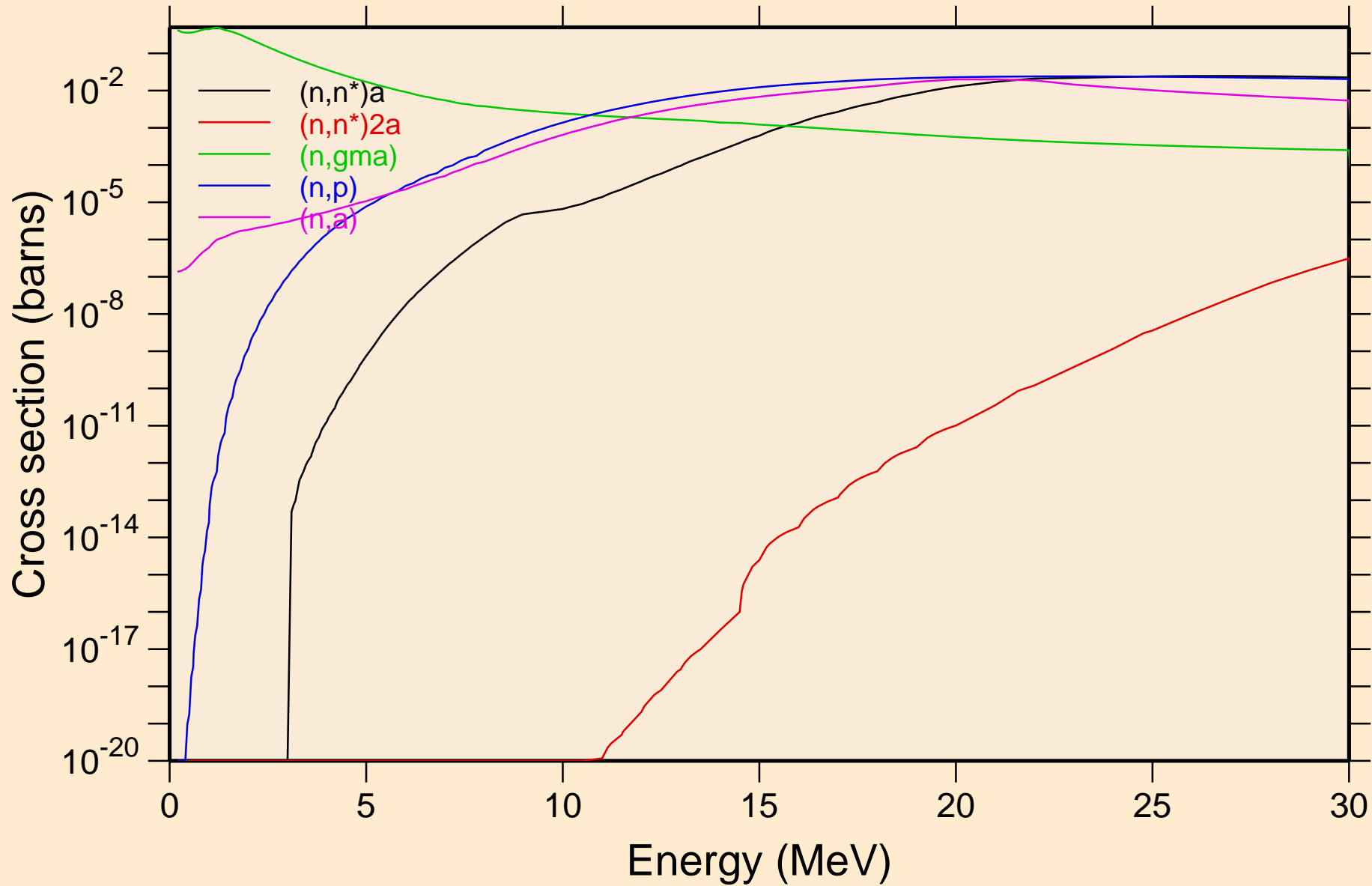
## Damage





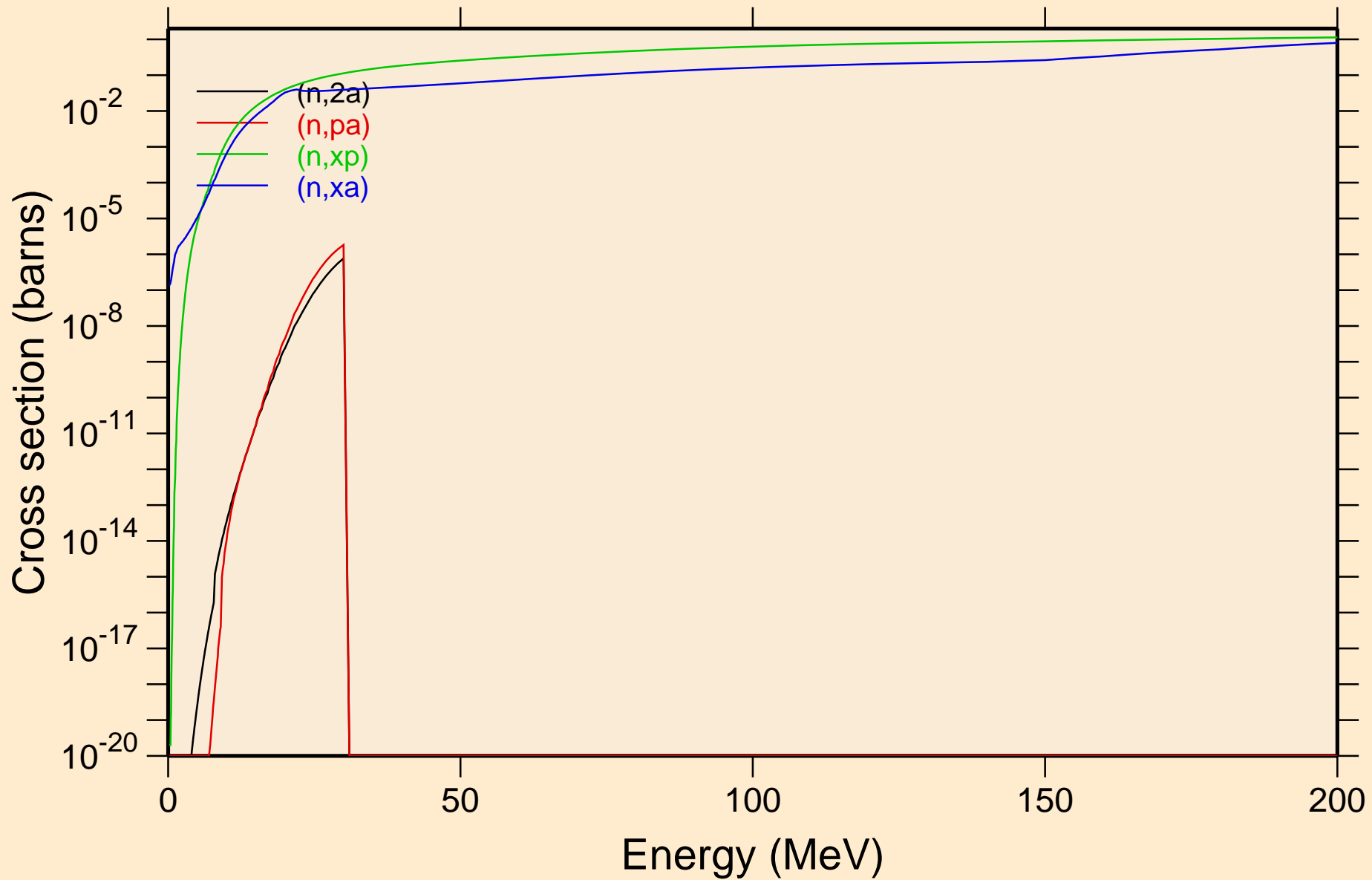
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



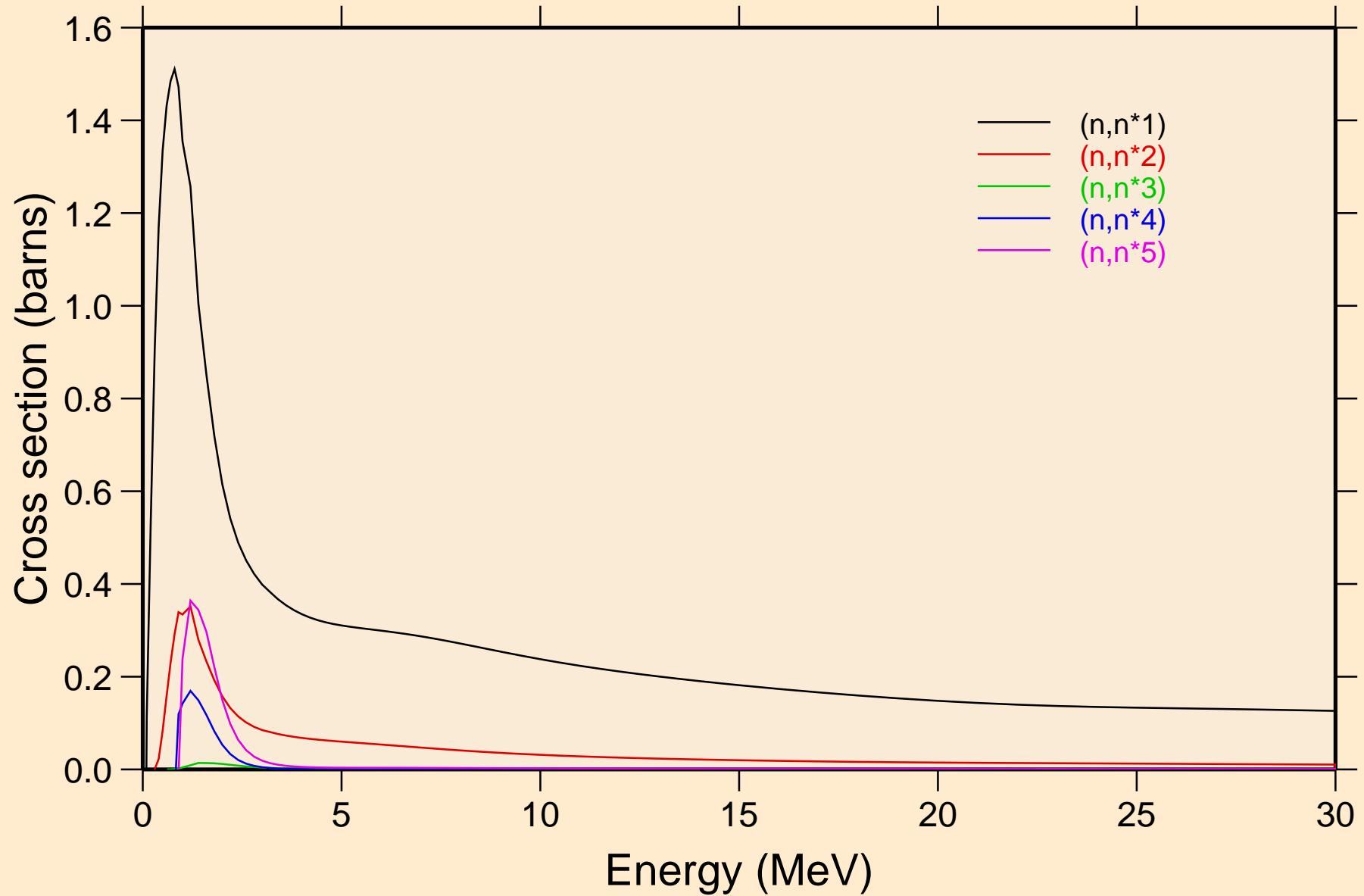
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



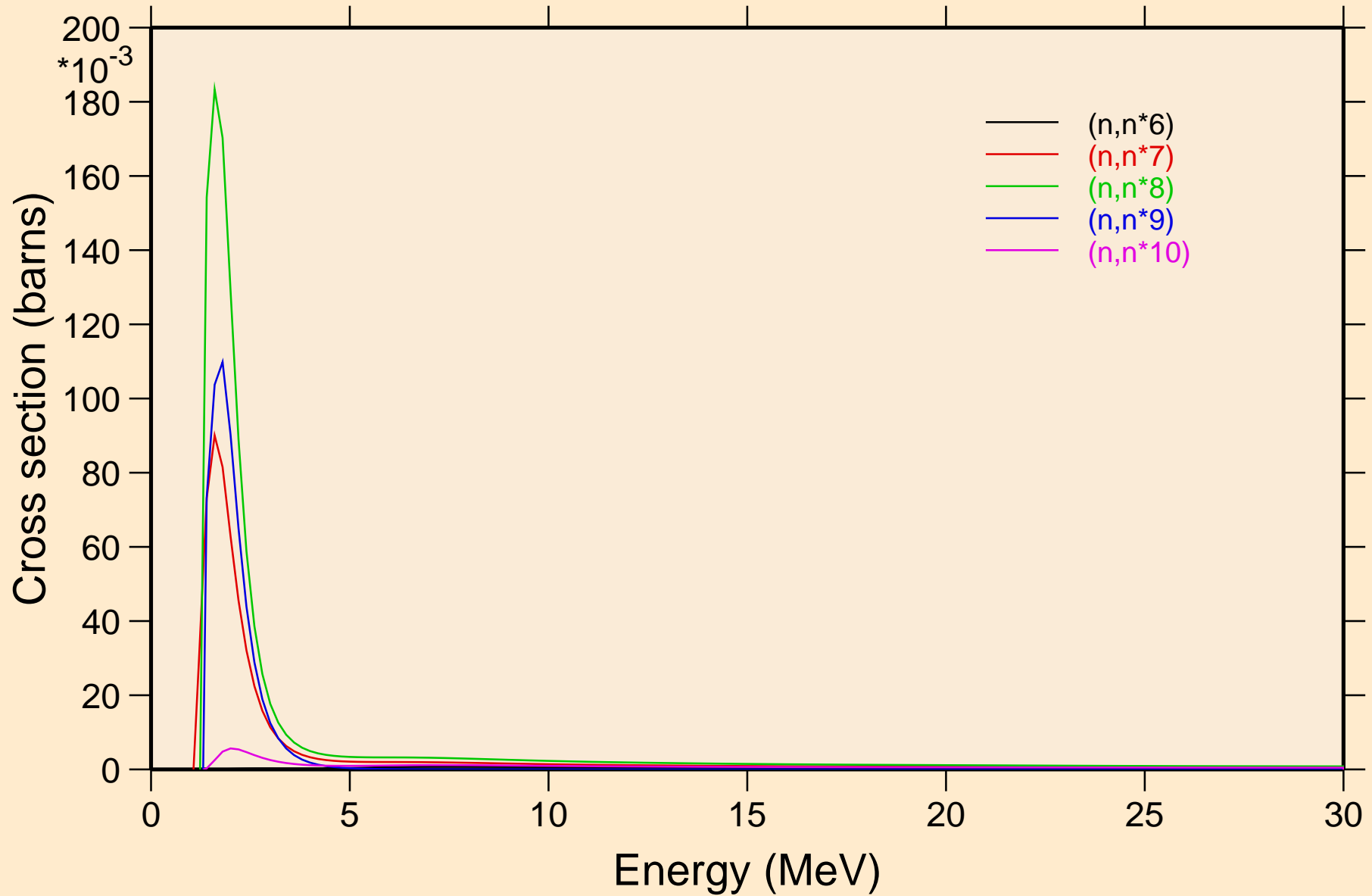
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



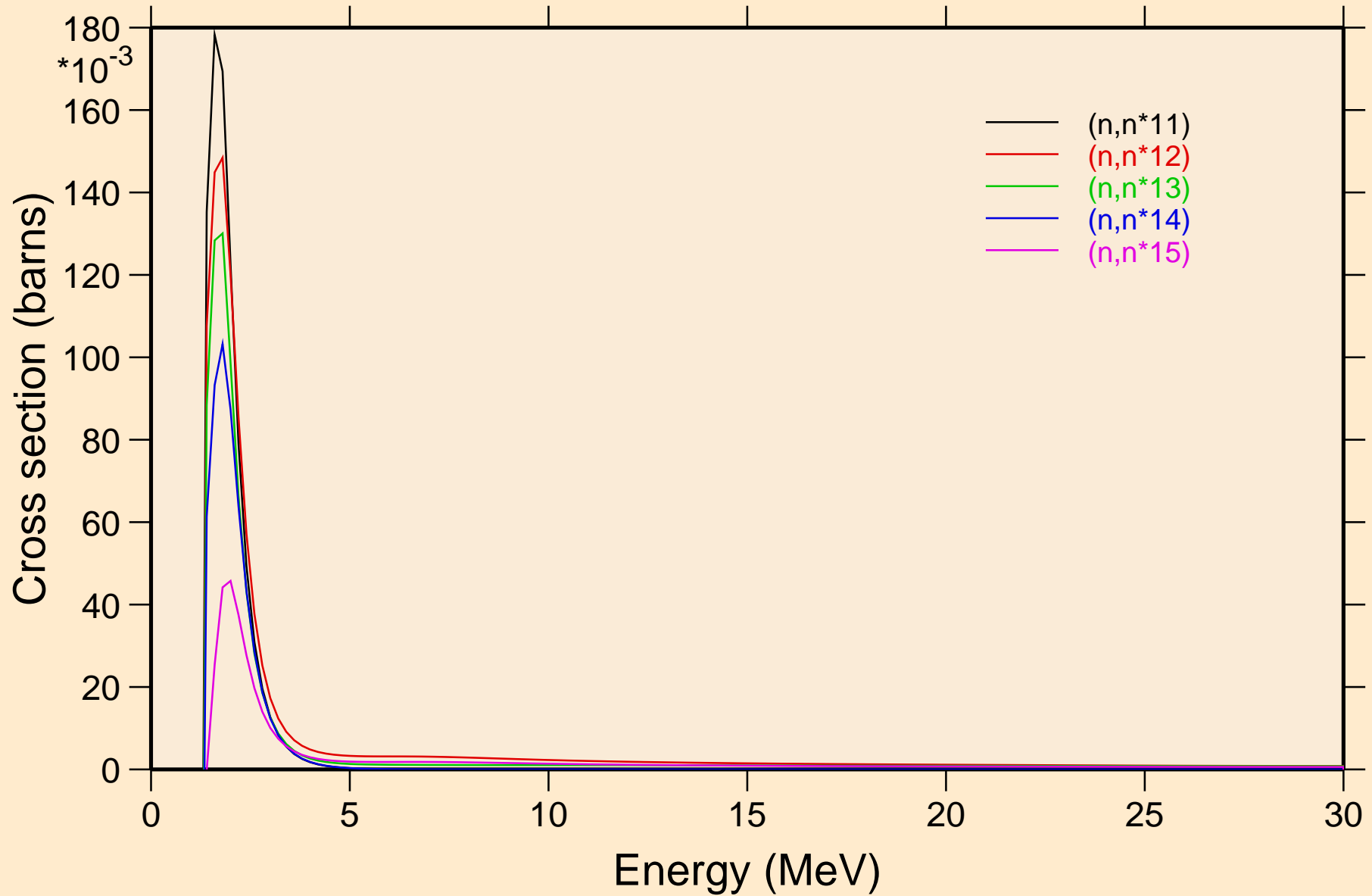
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



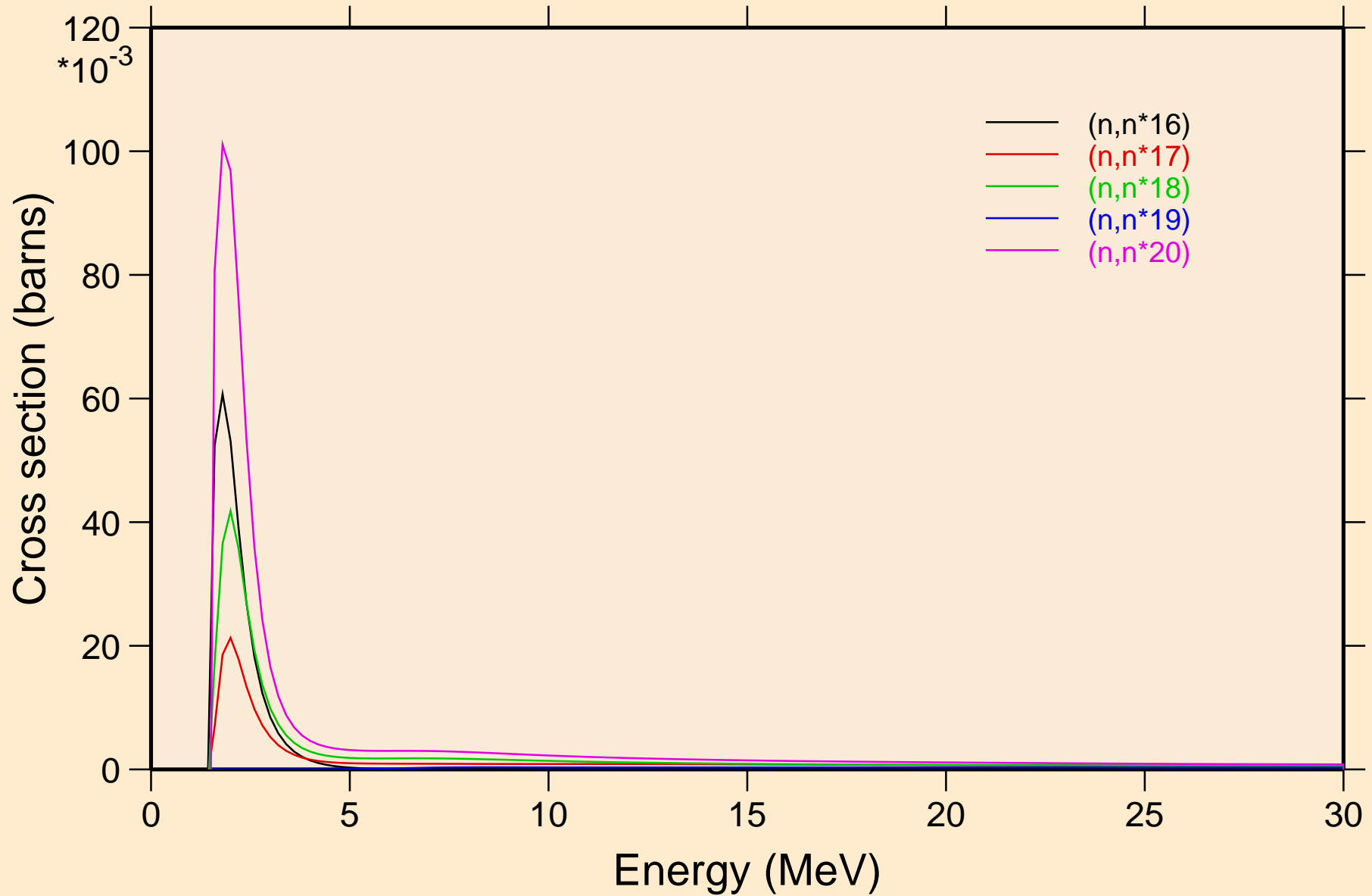
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



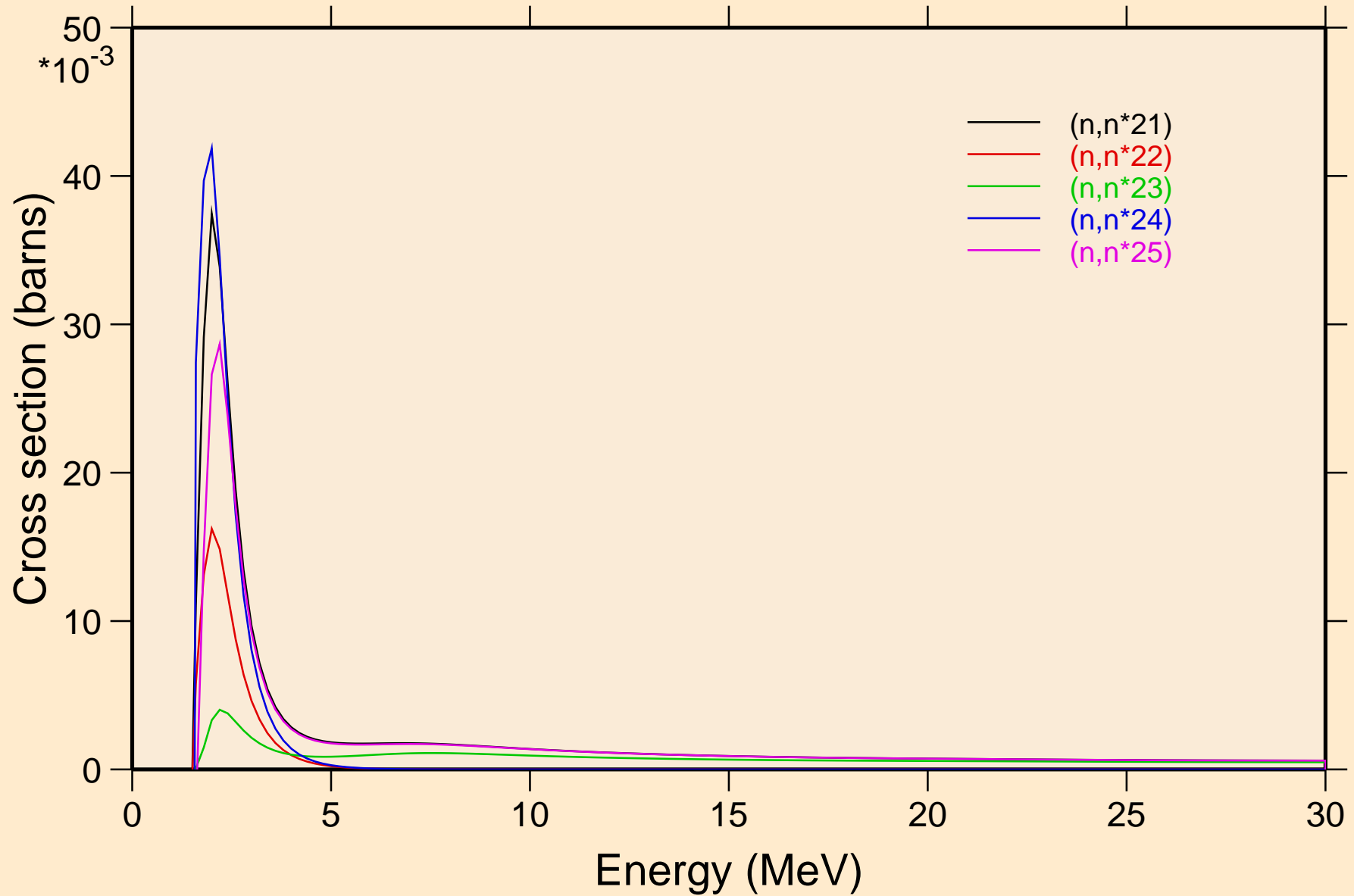
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

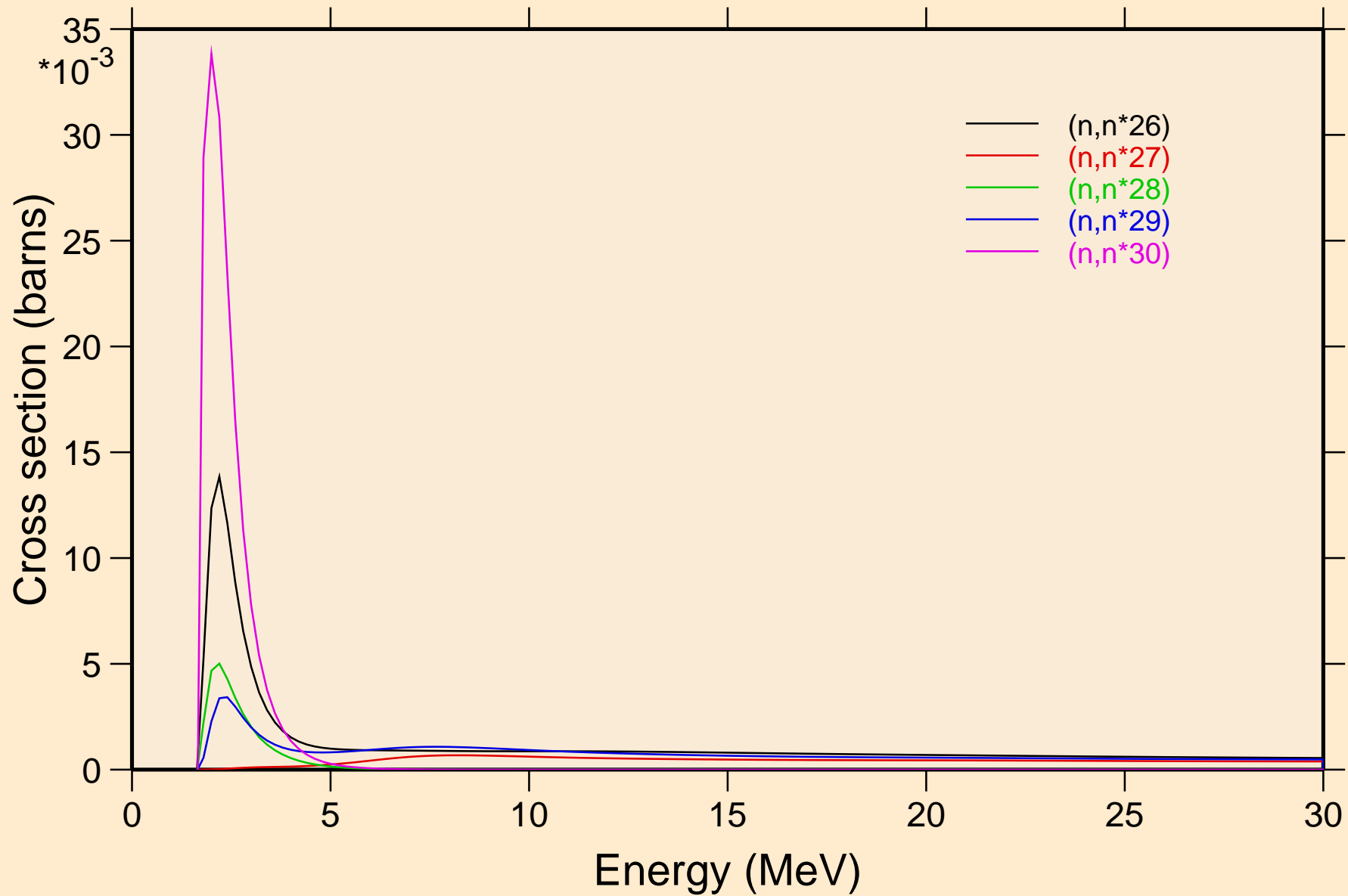


# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



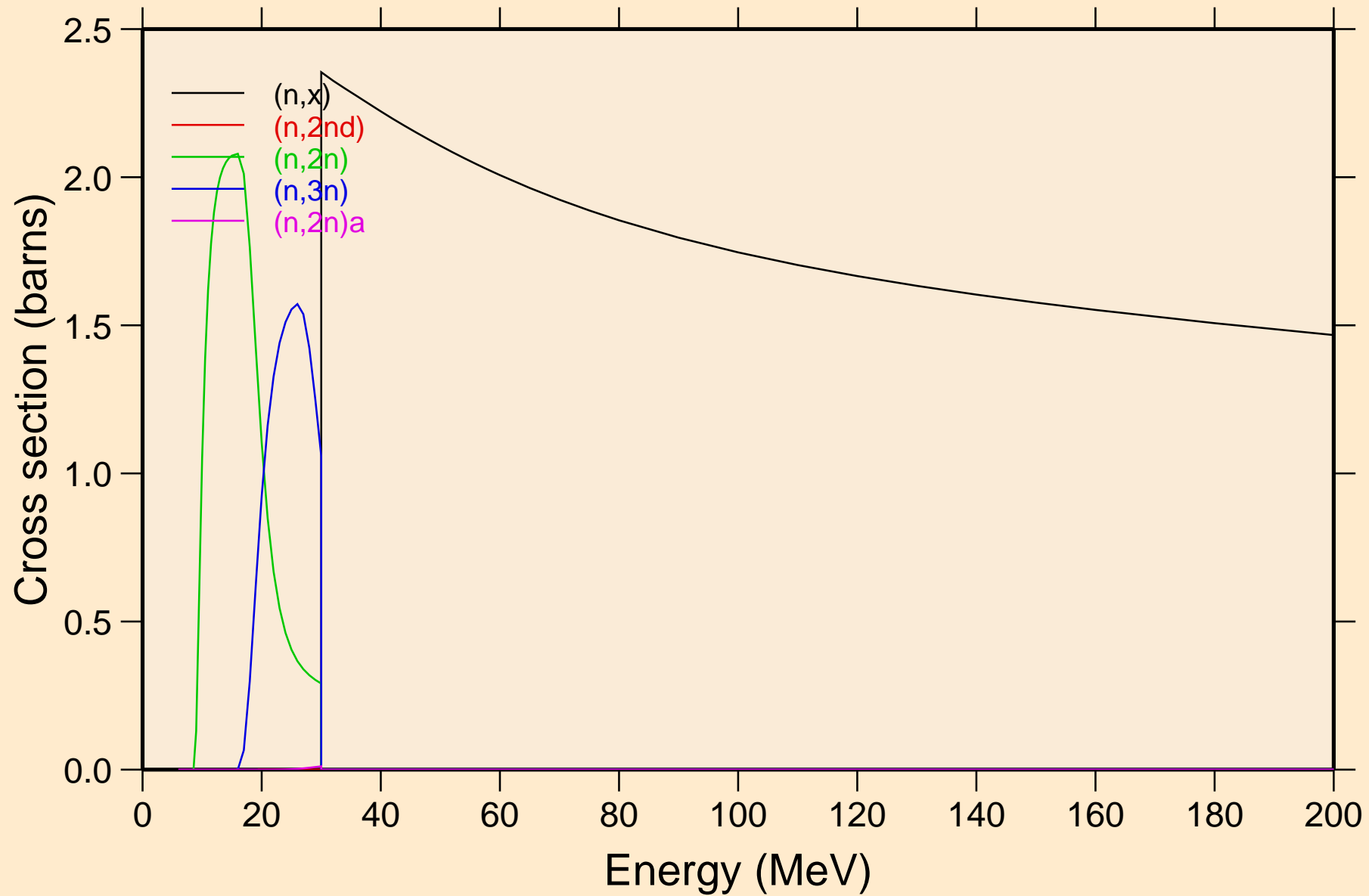
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





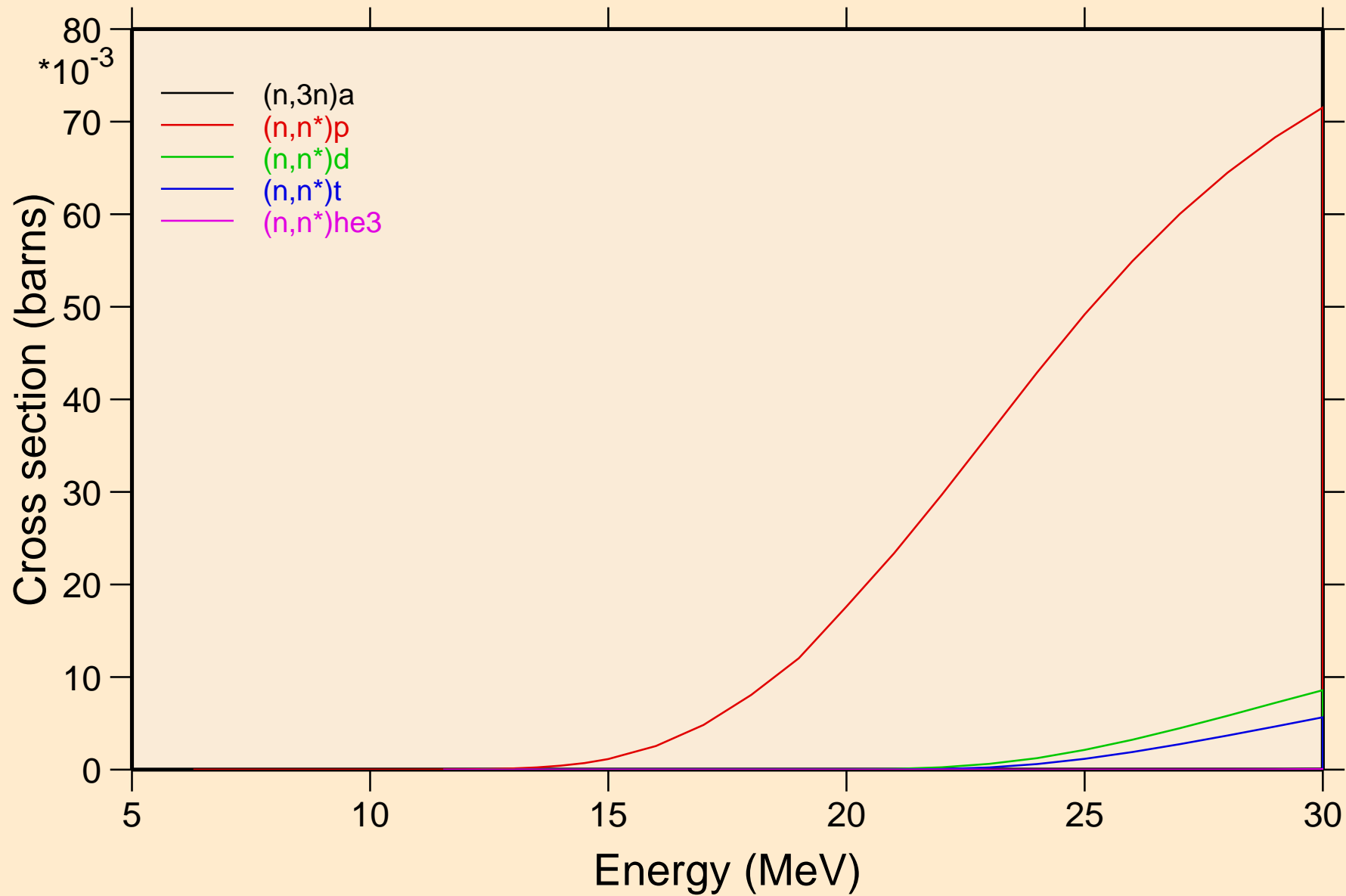
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

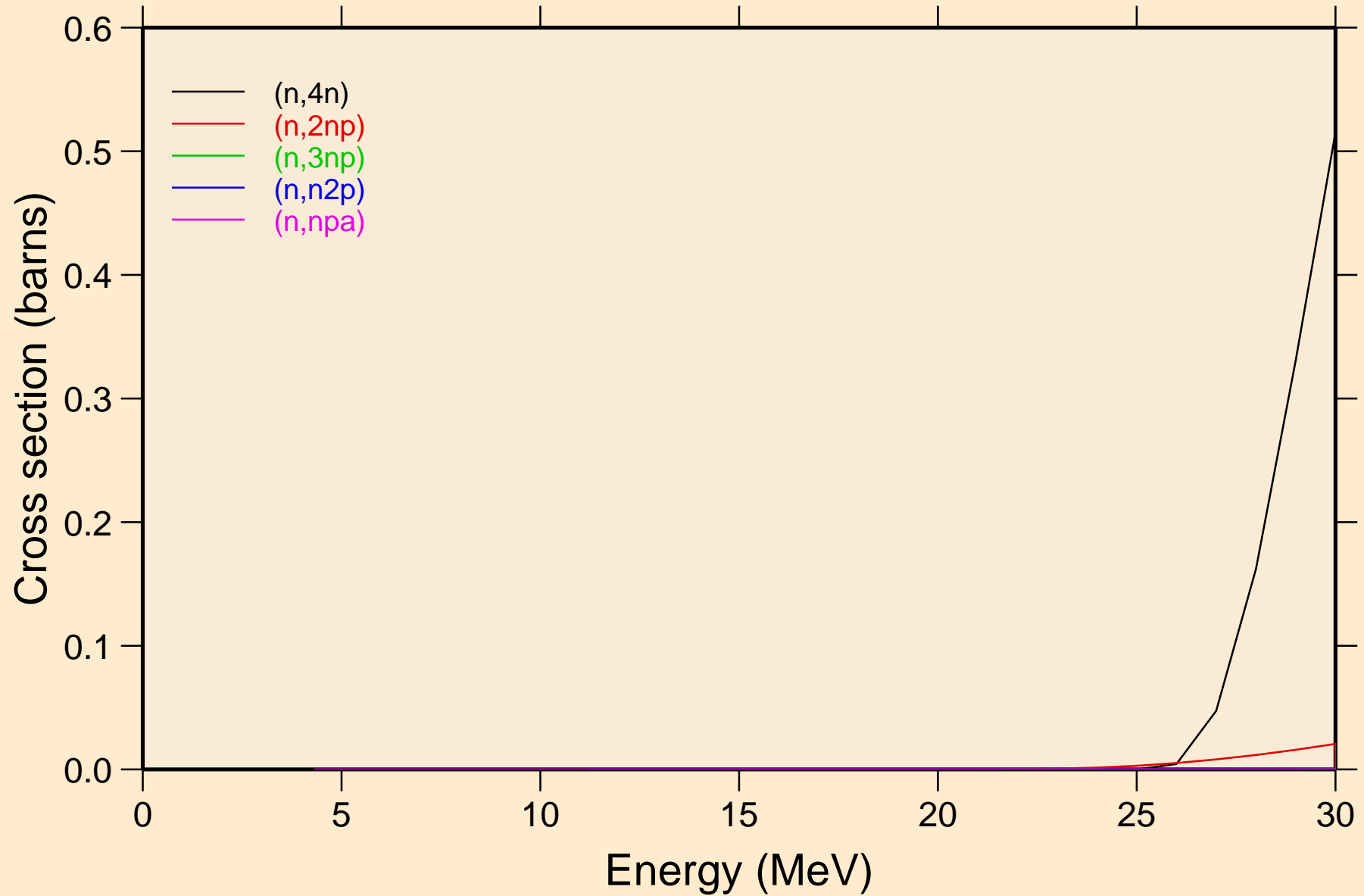


# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

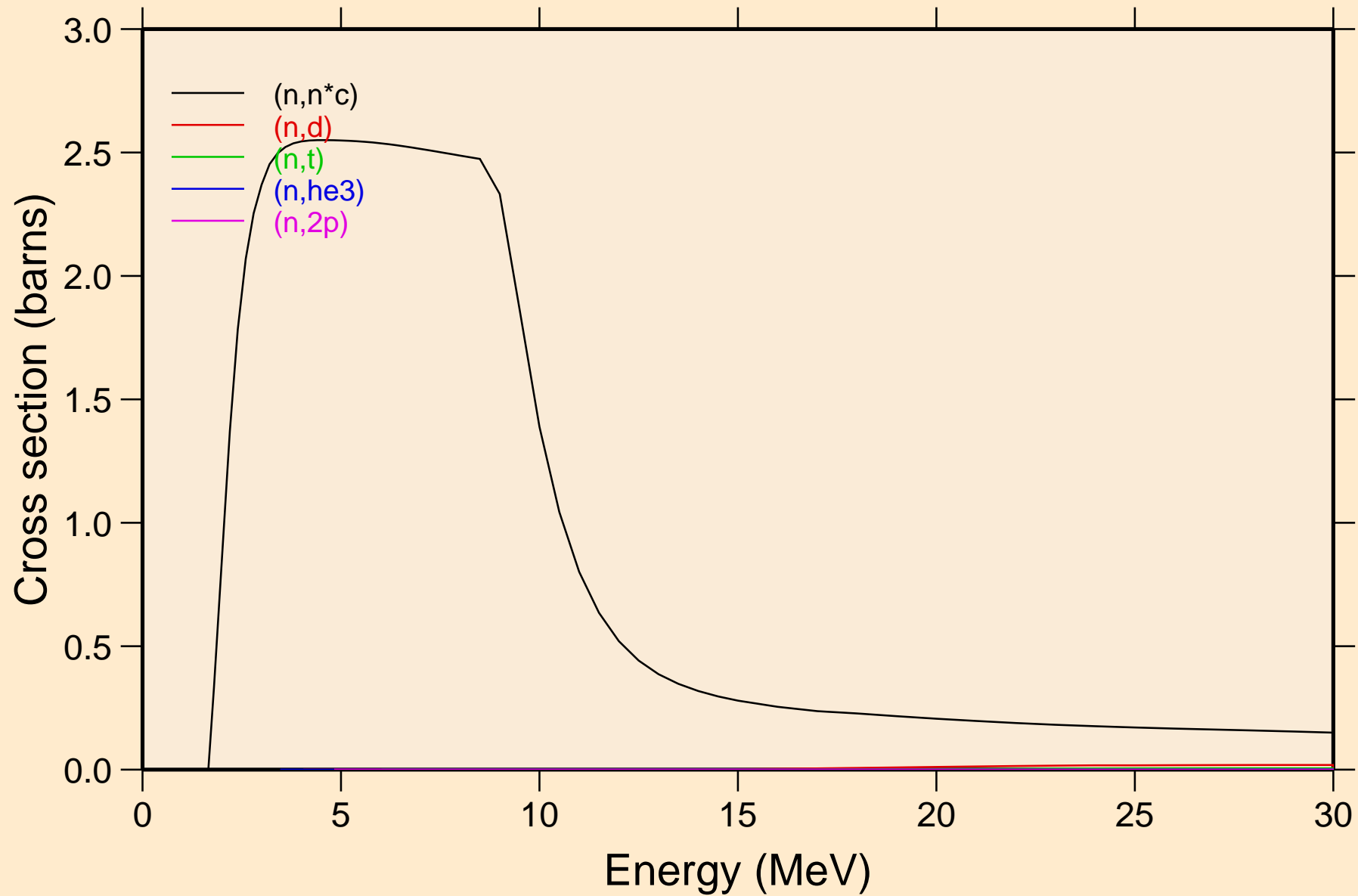


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



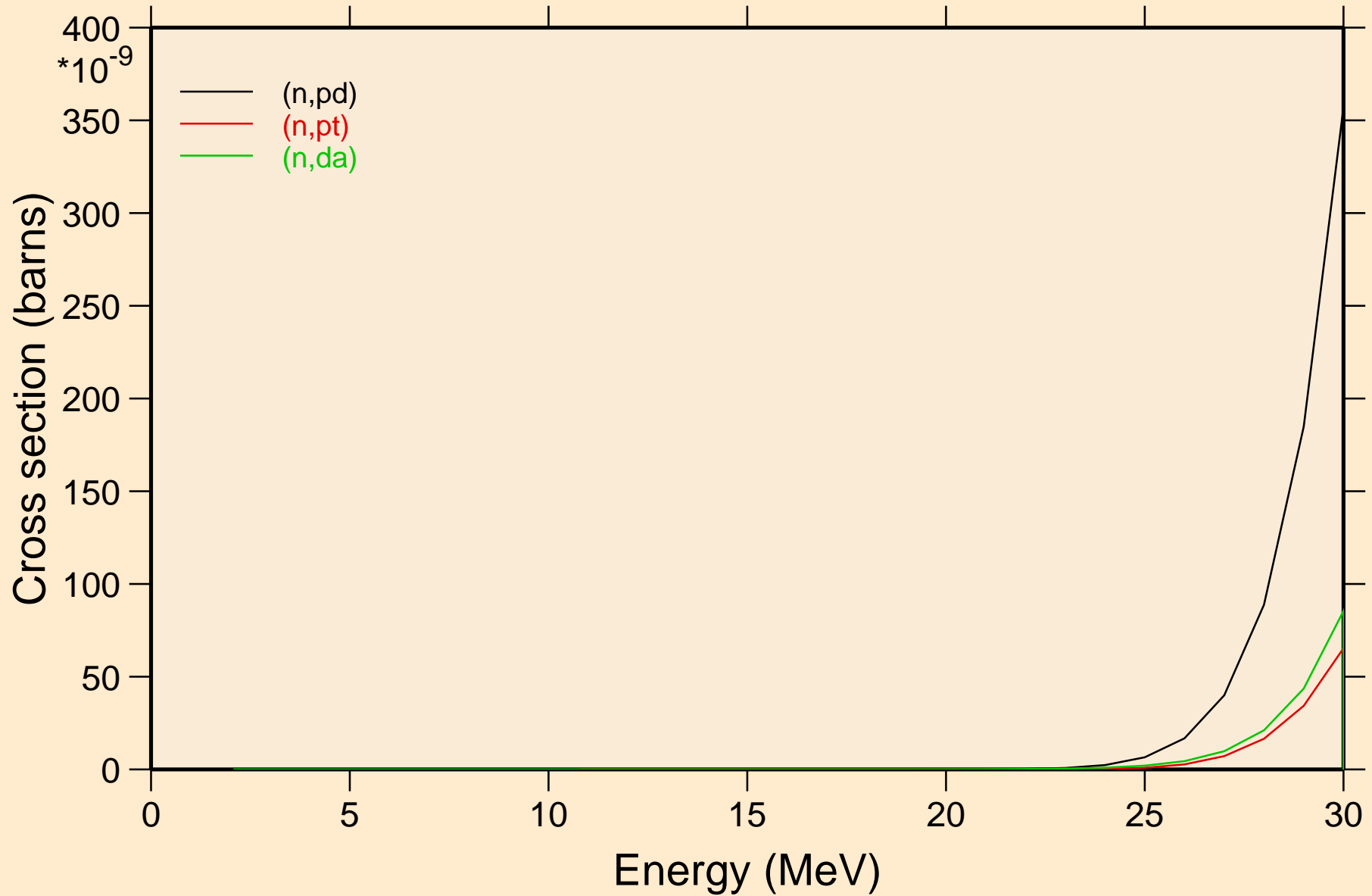
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



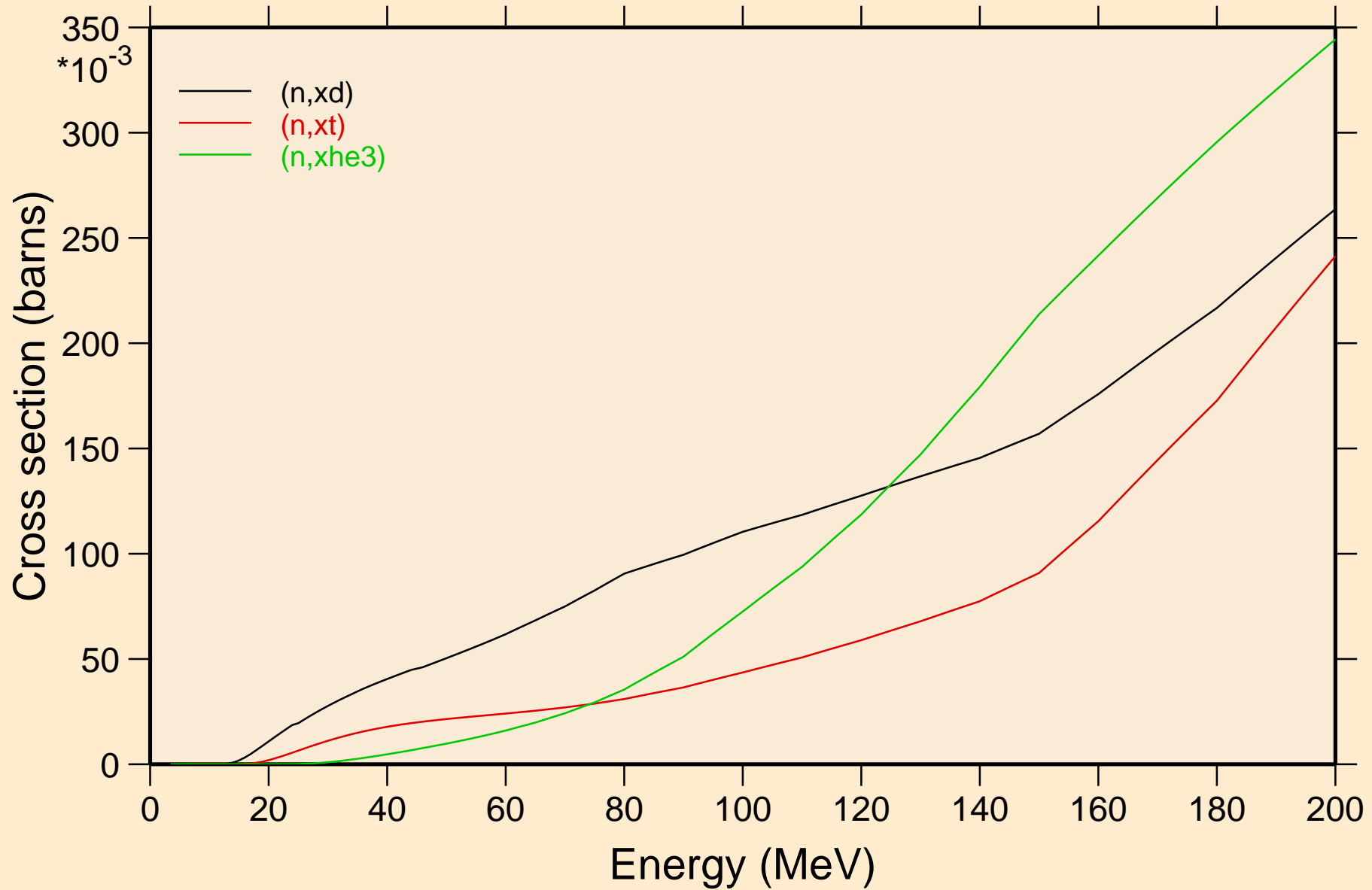
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

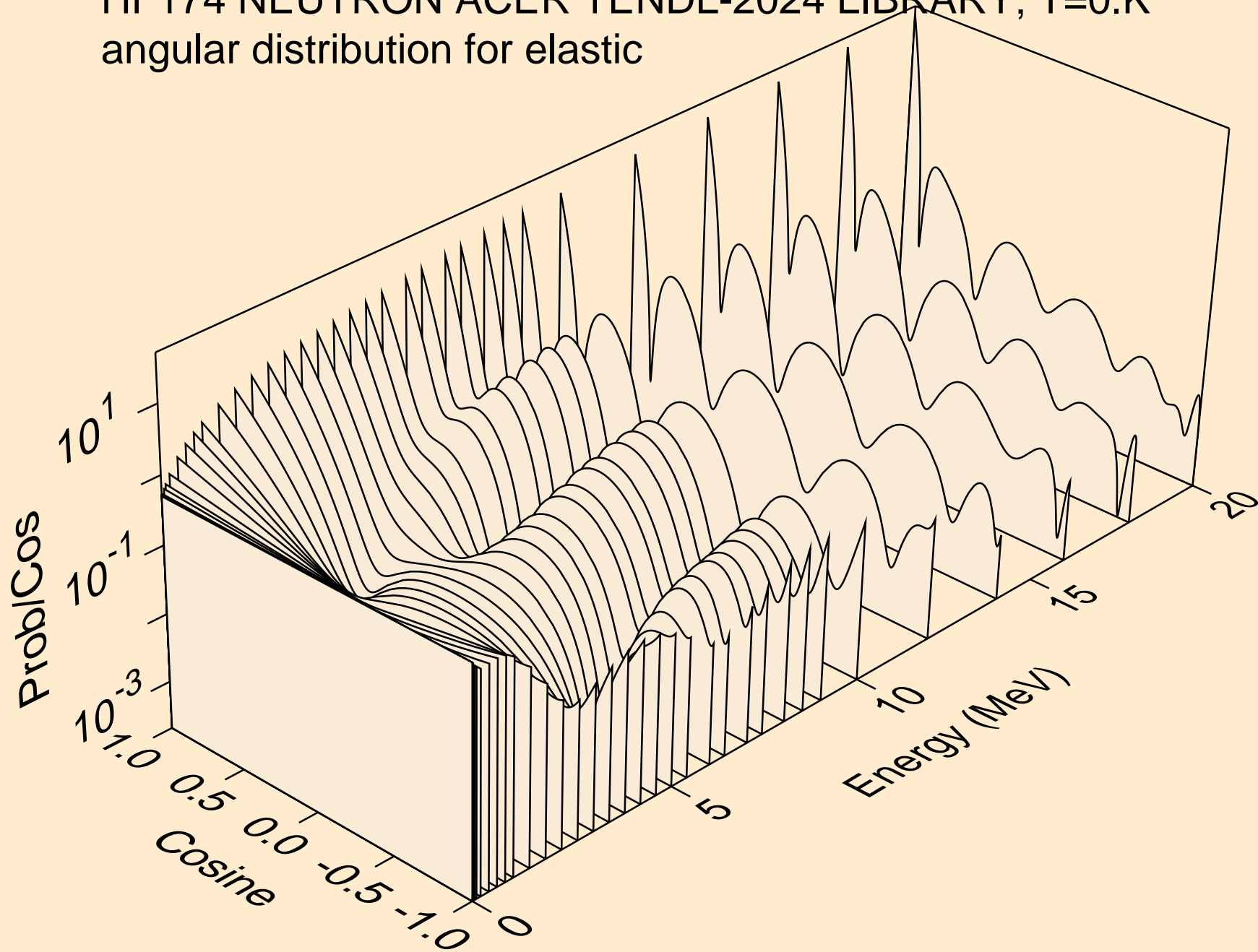


# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

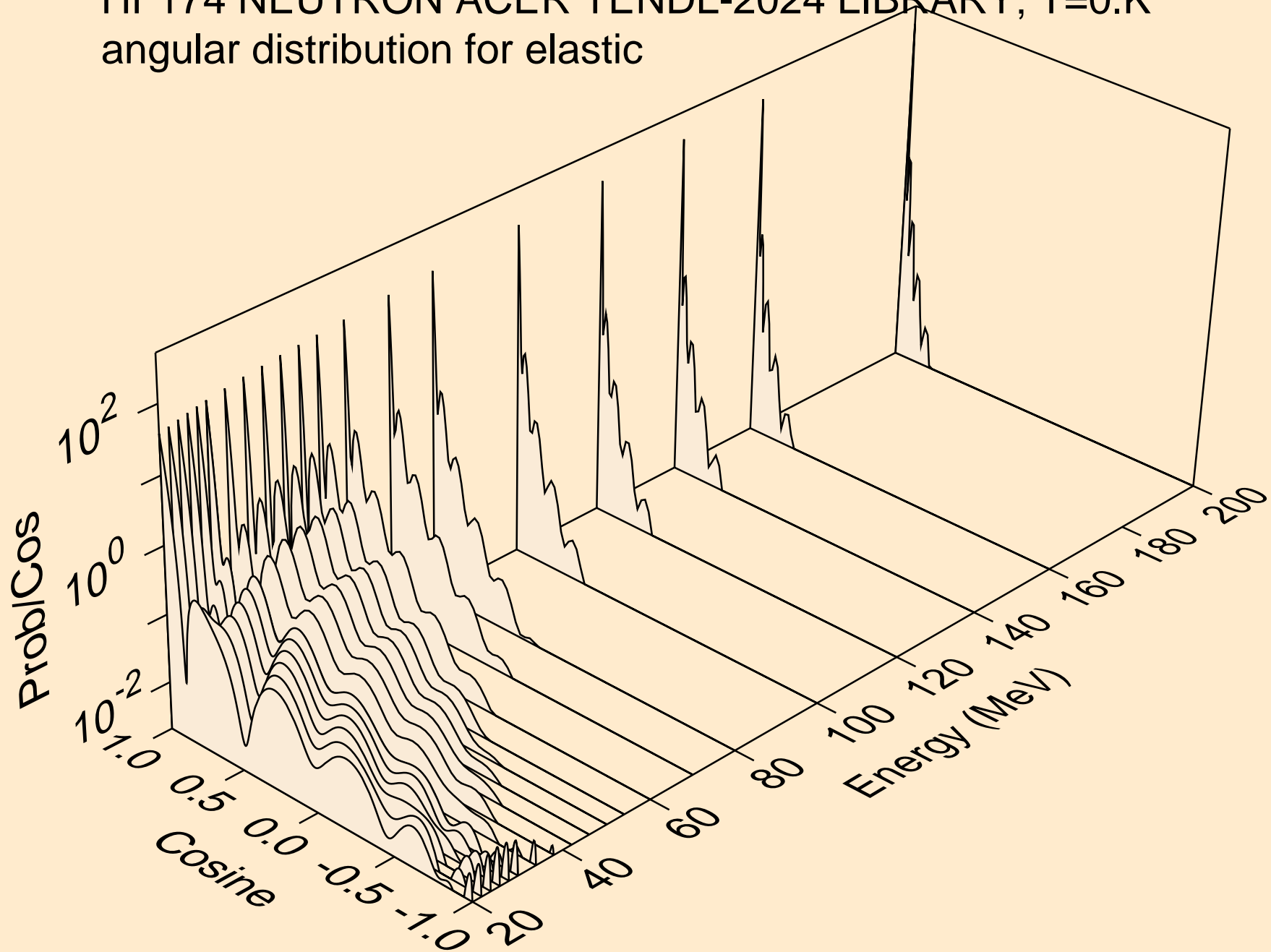
## Threshold reactions



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

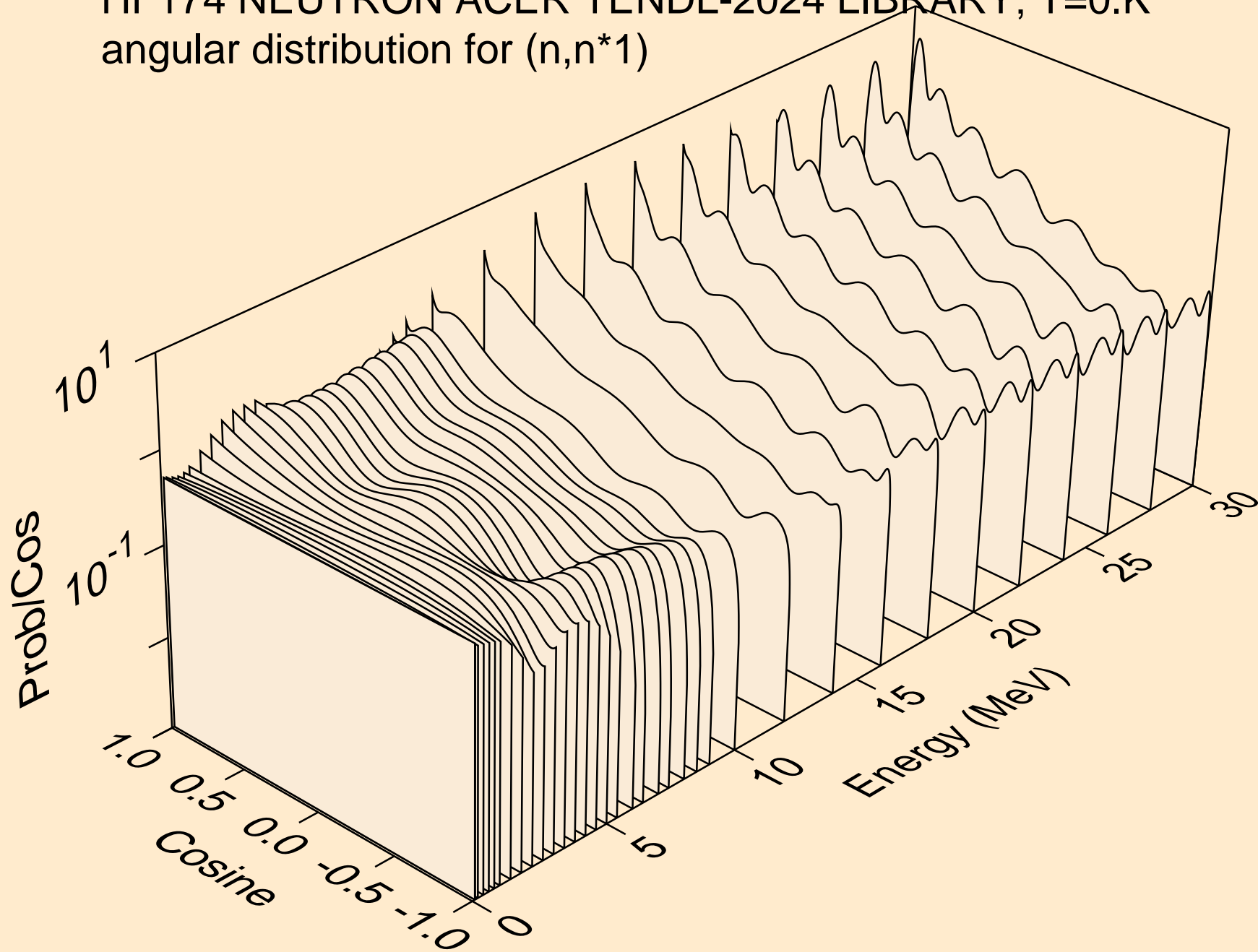


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

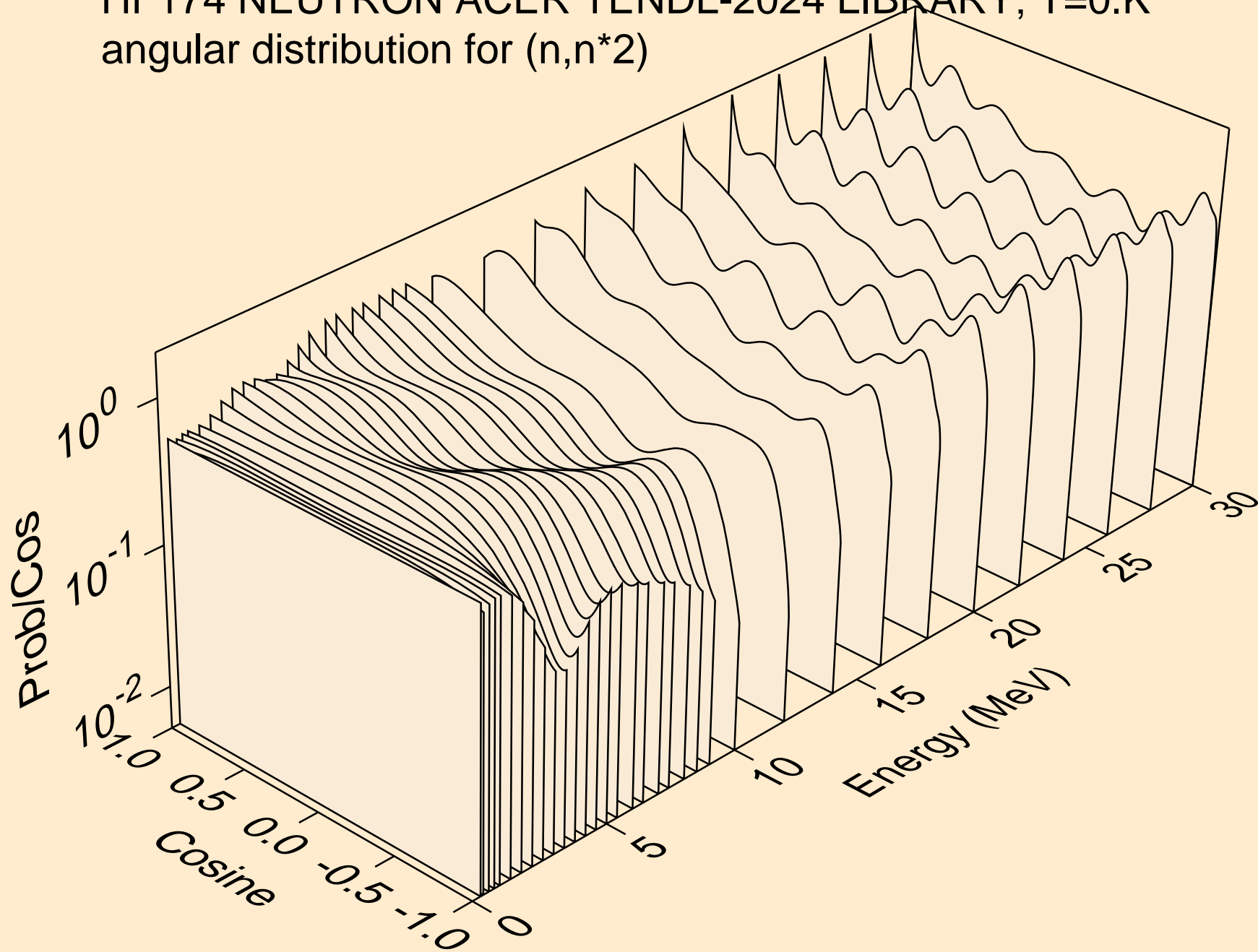




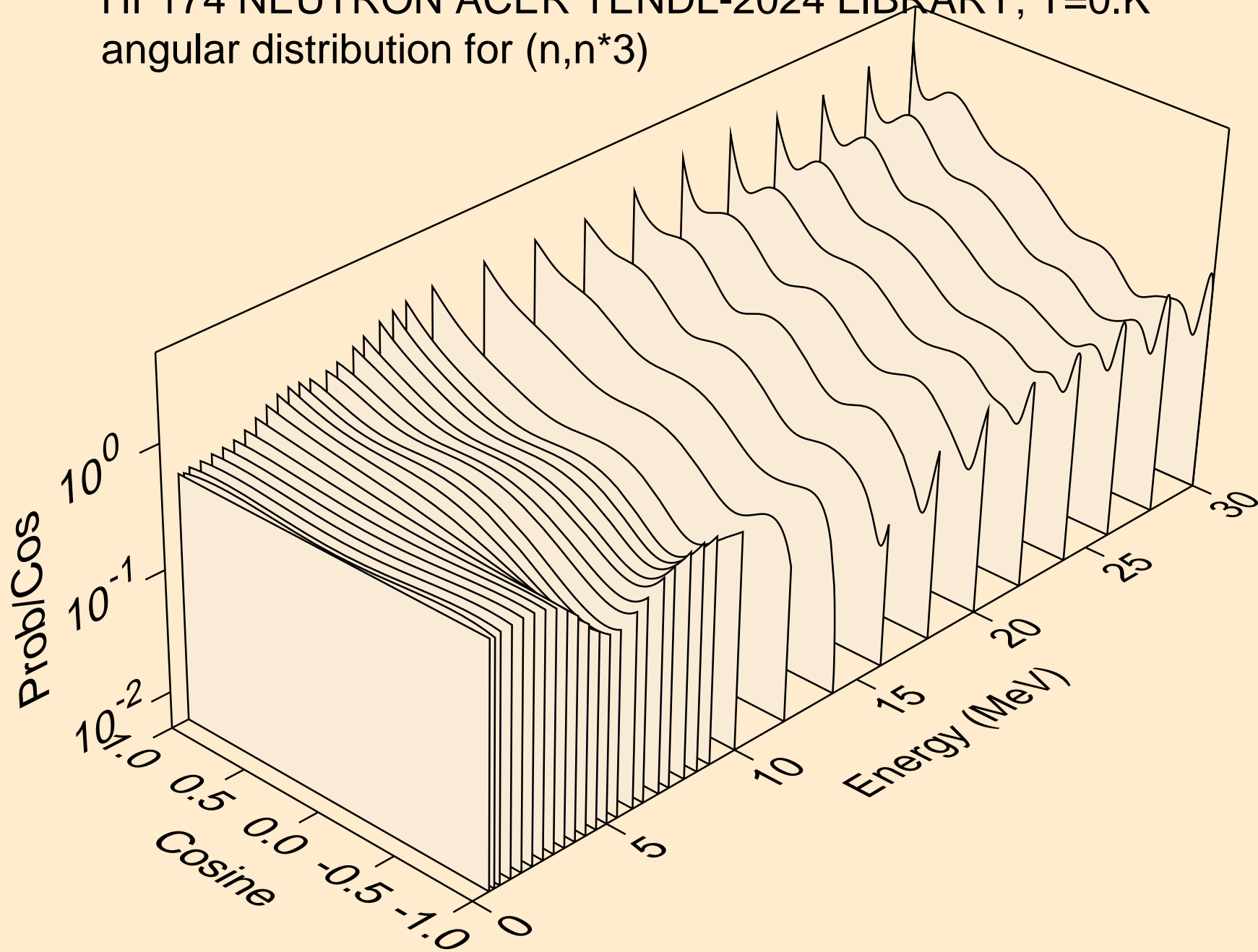
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



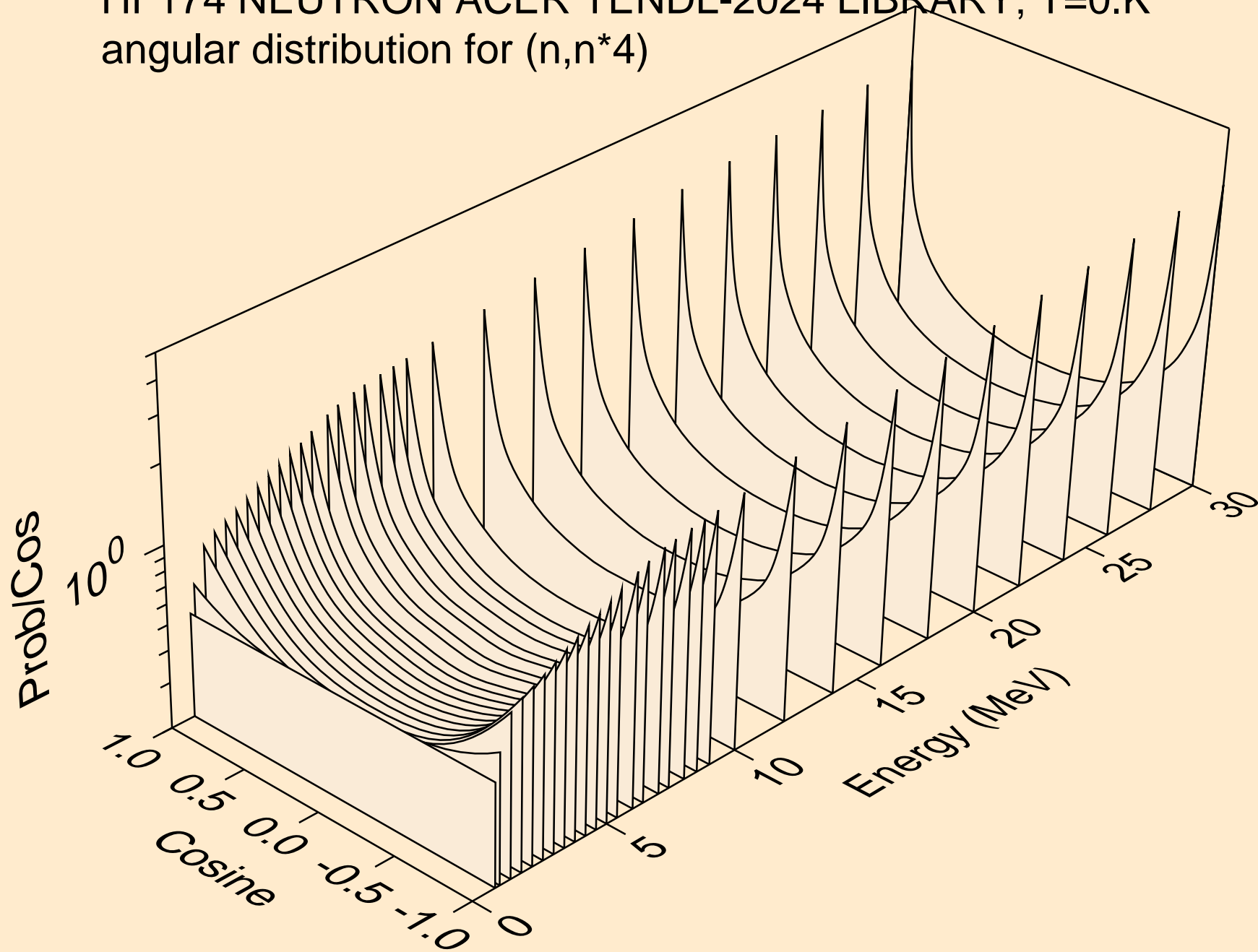
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



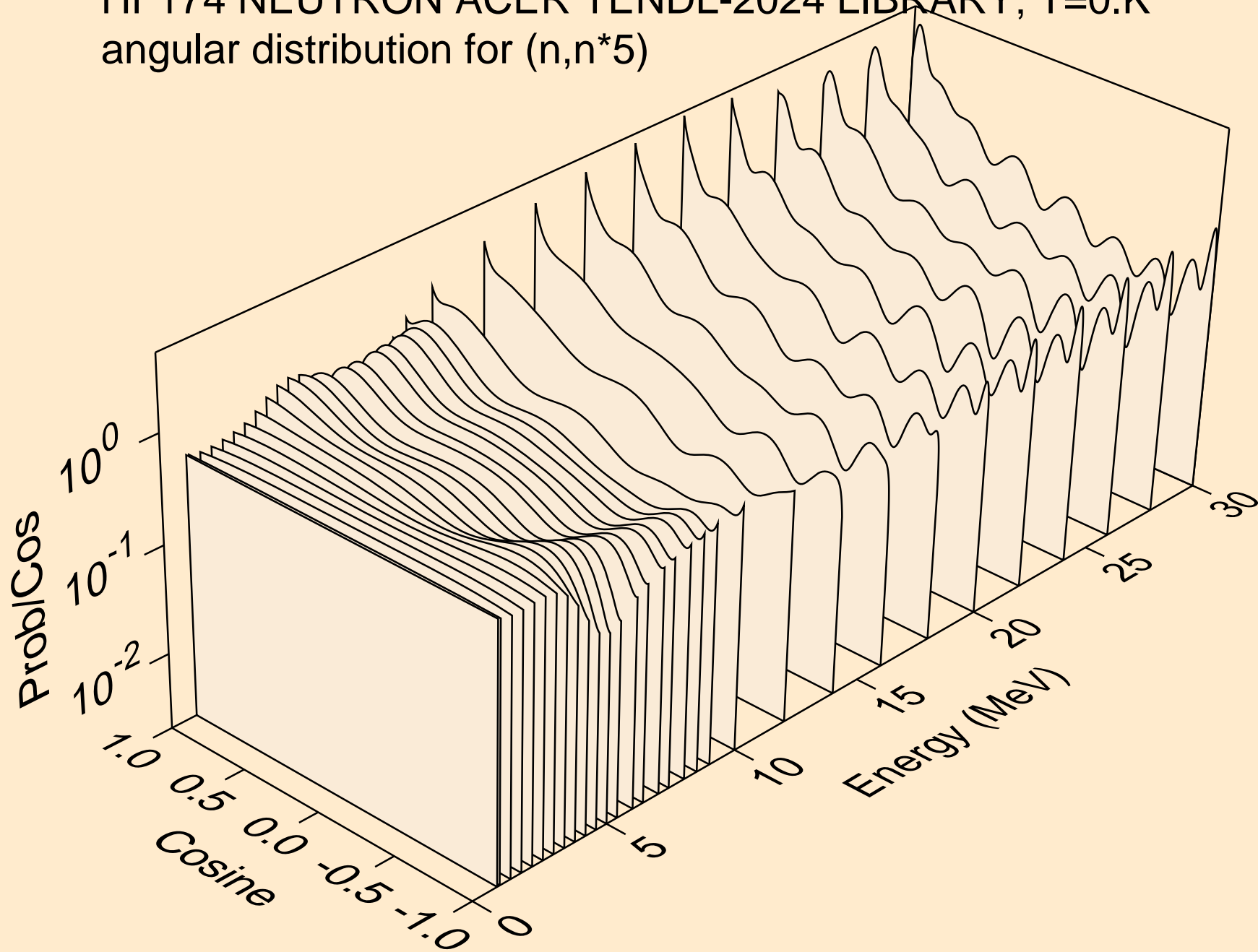
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



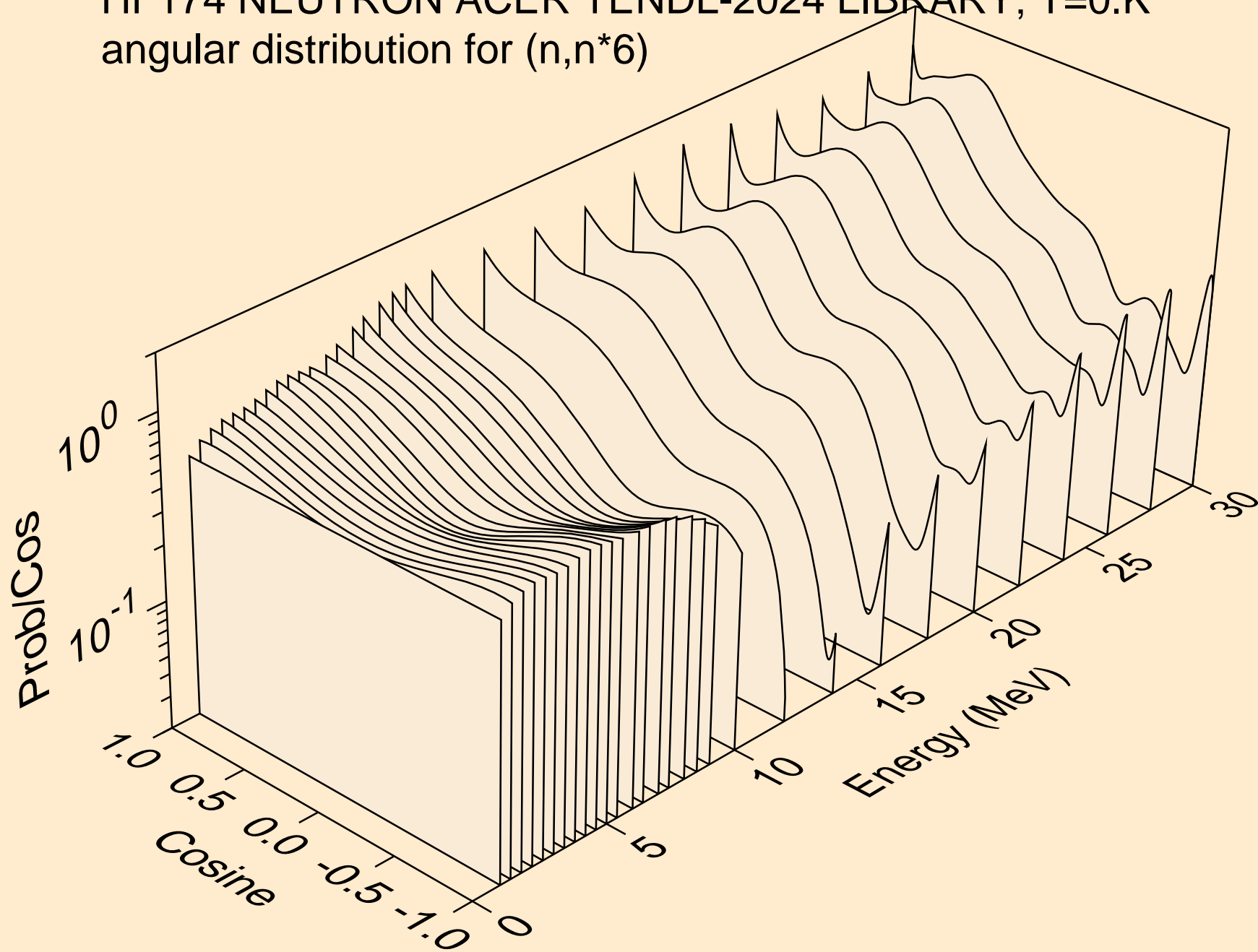
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



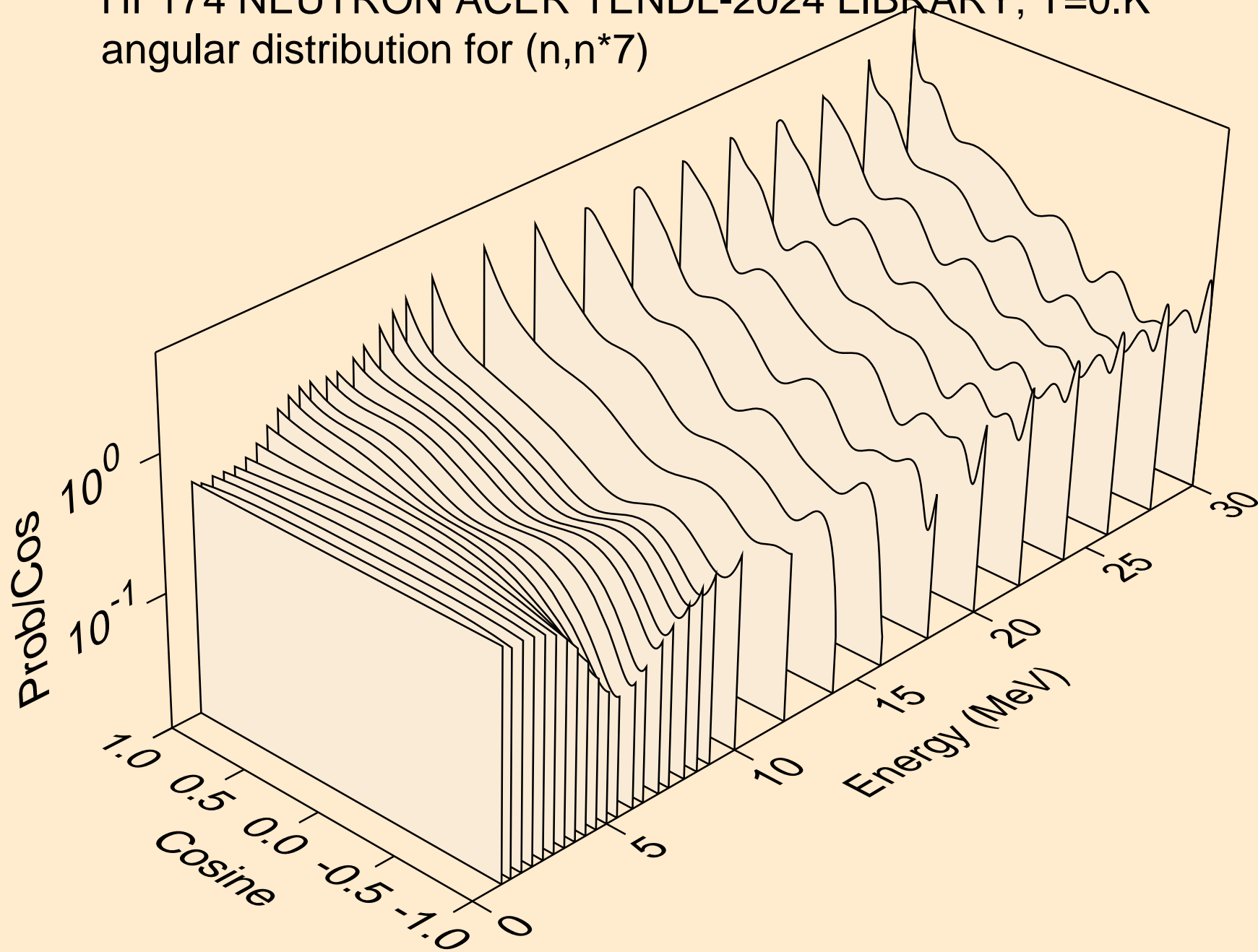
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



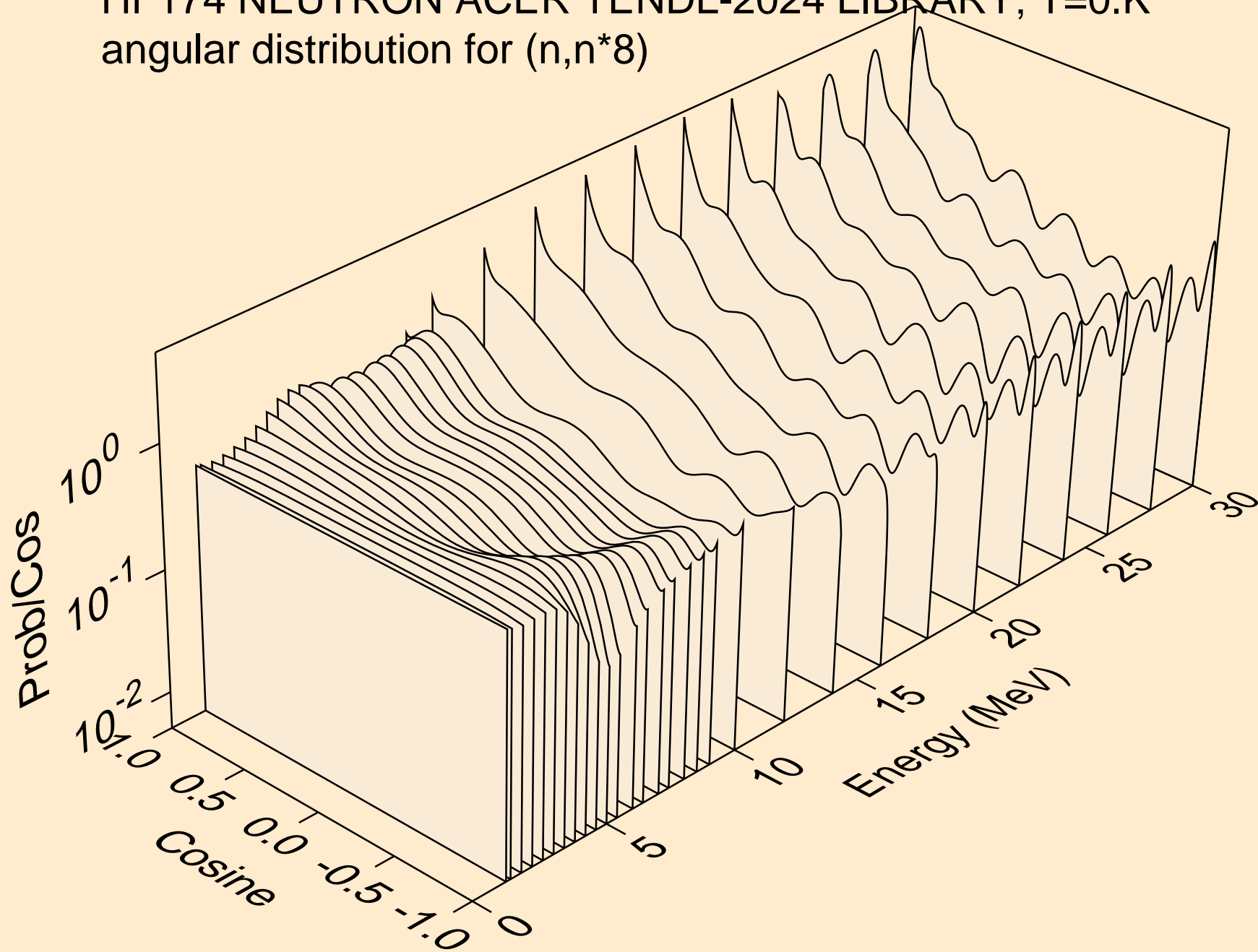
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

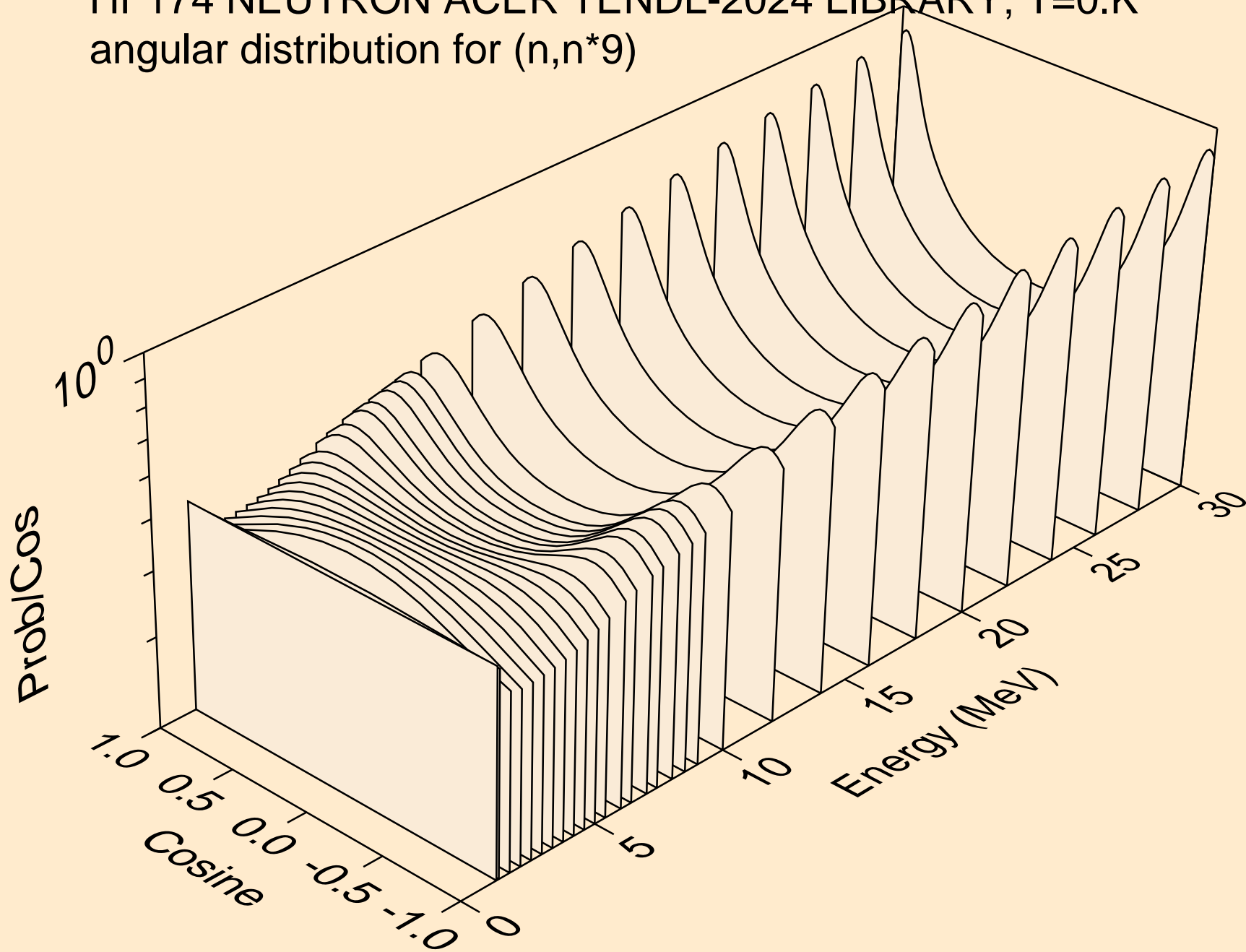


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

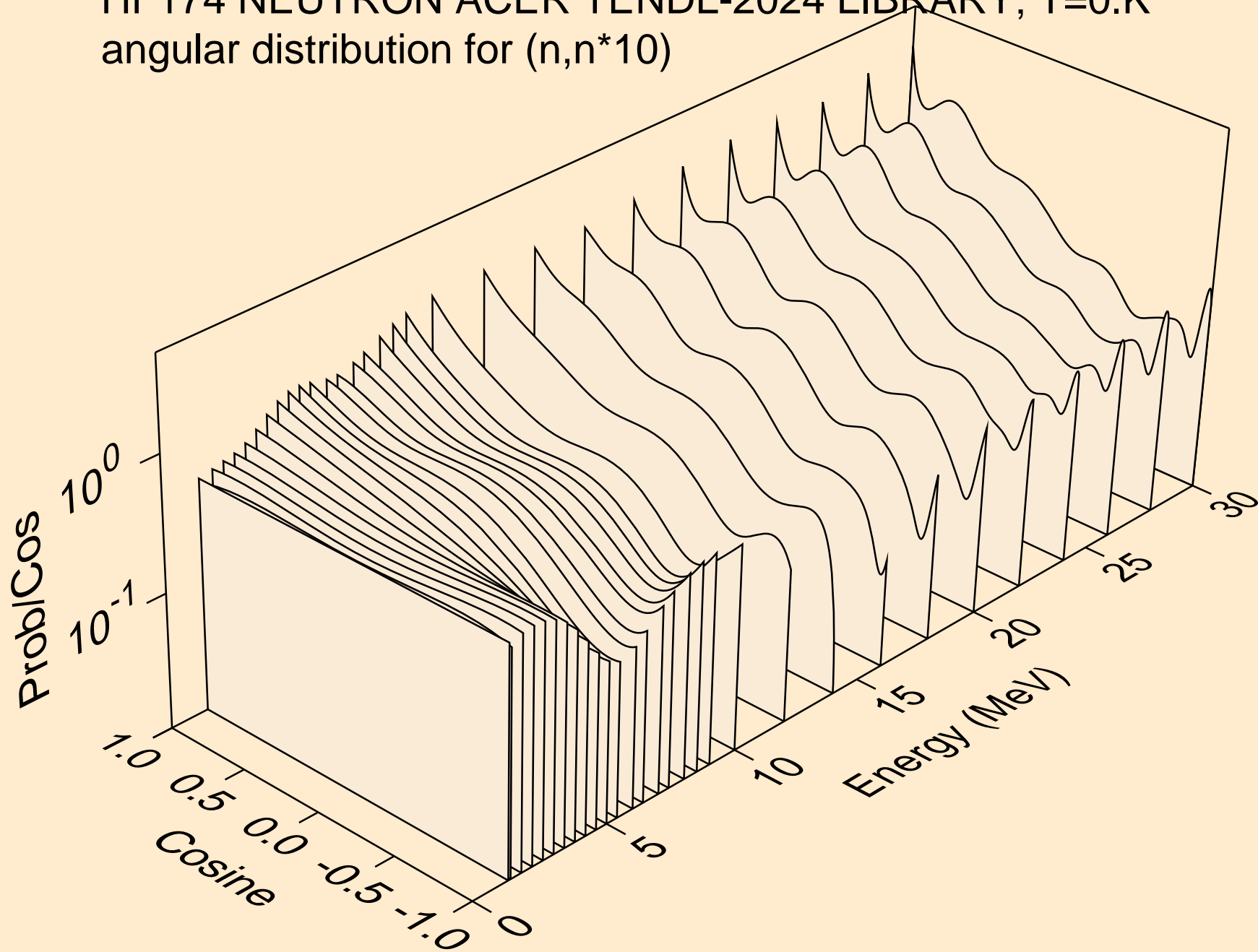




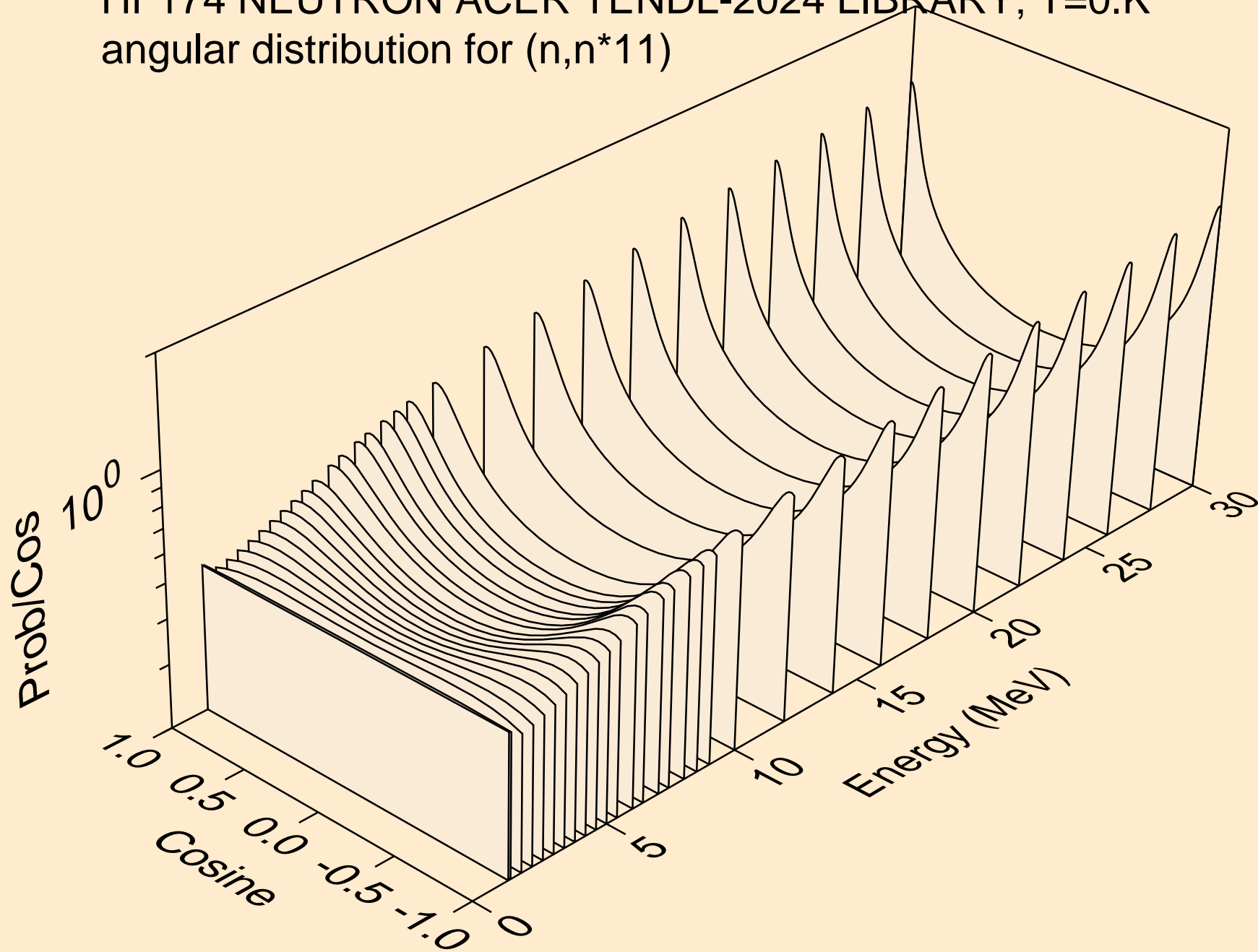
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



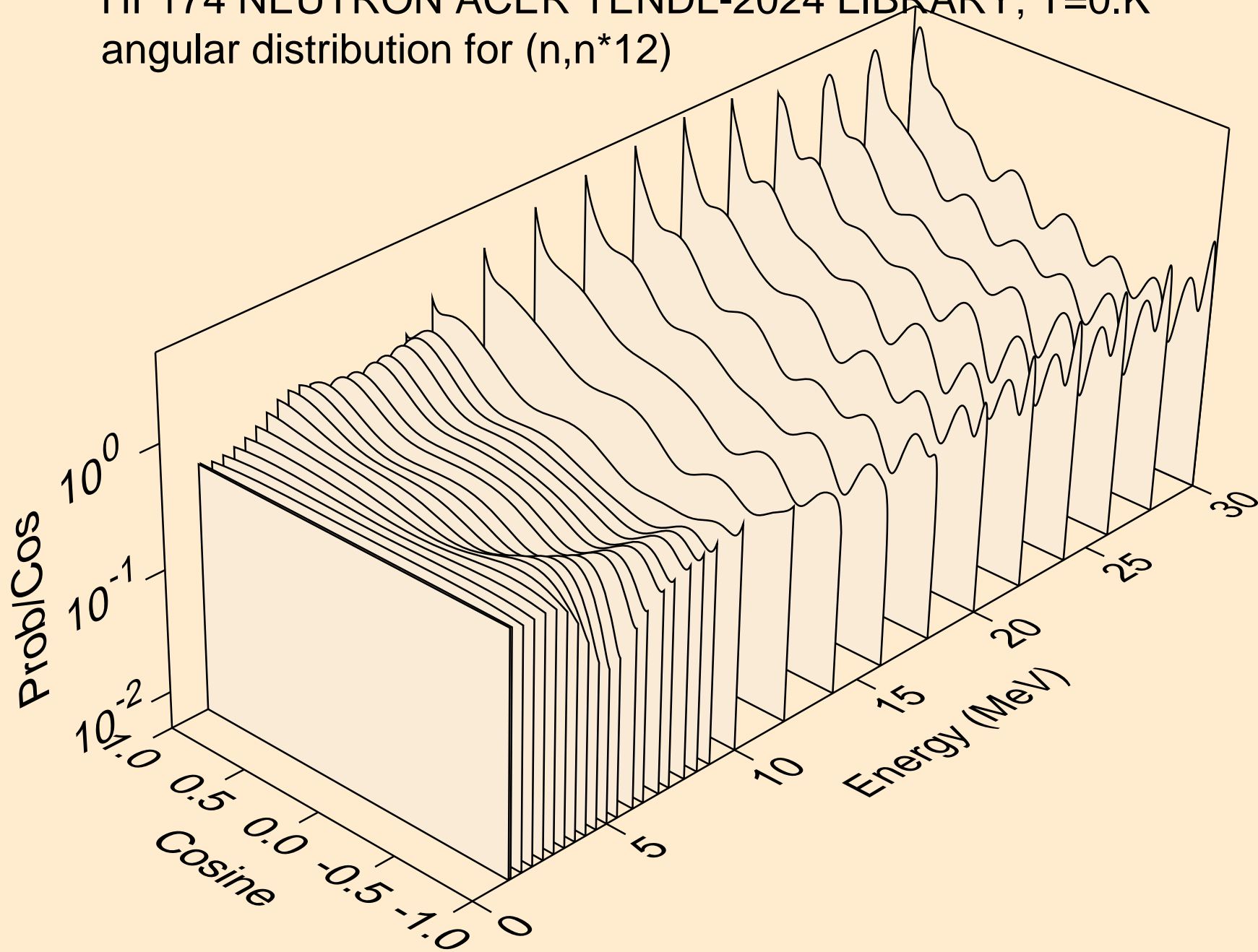
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



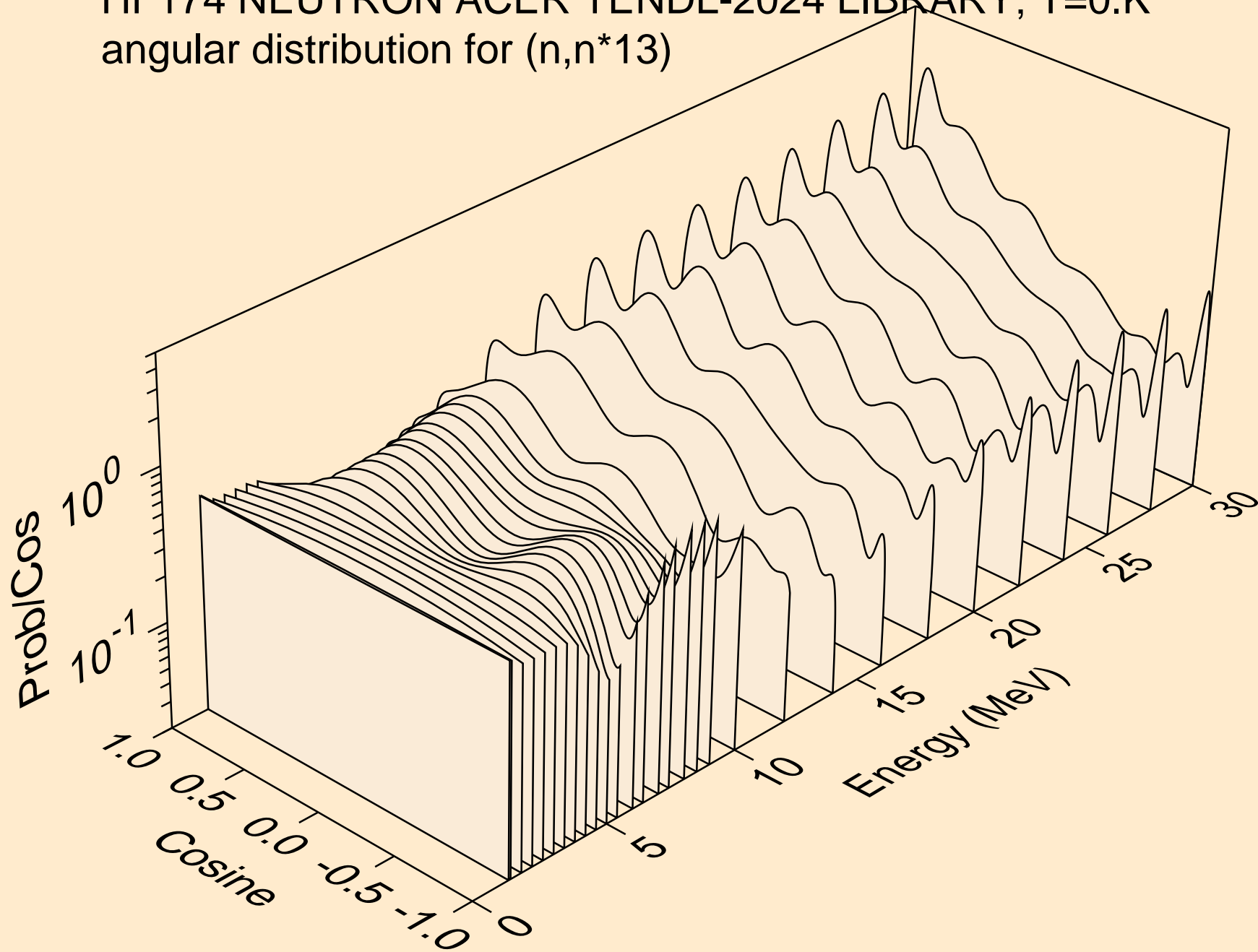
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



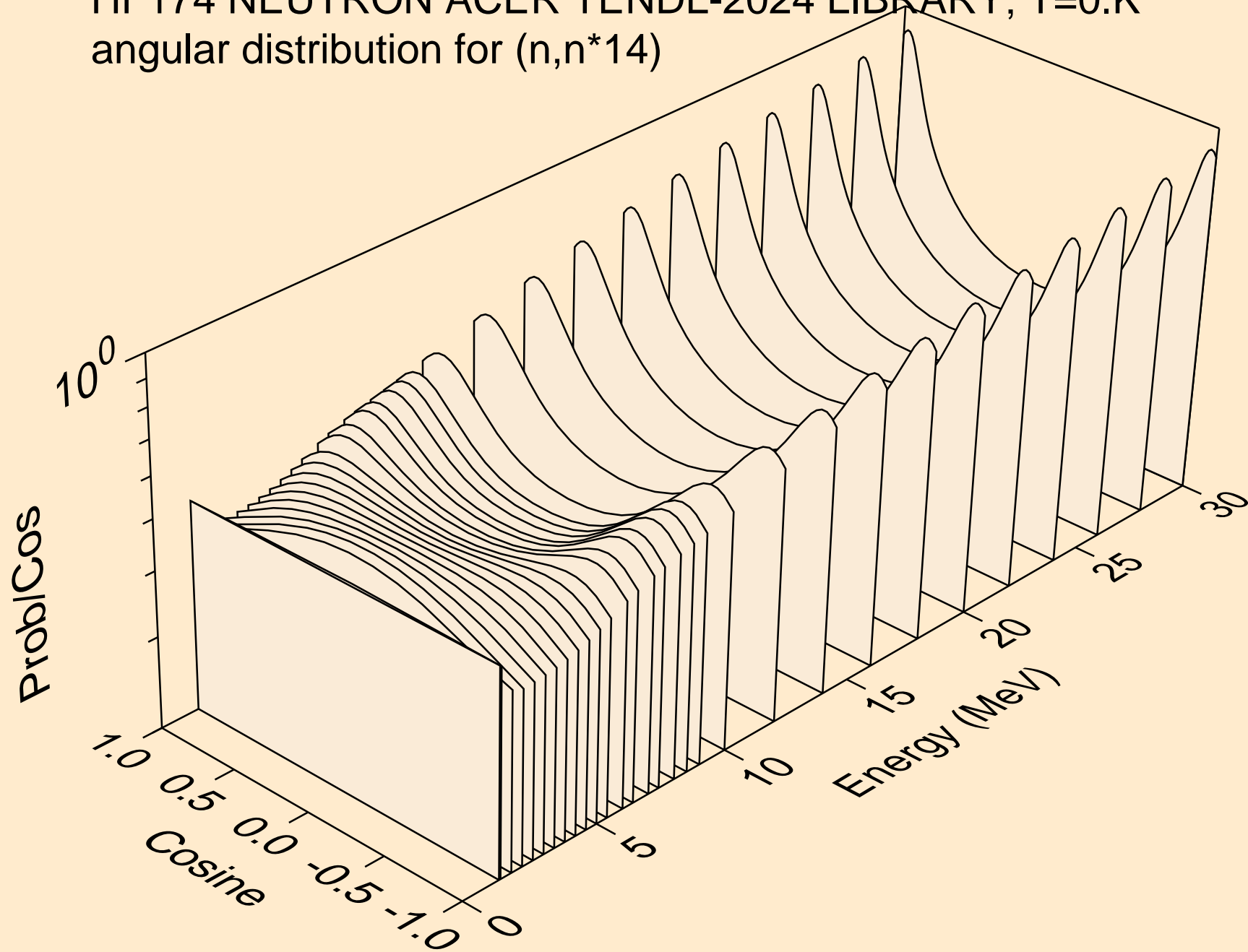
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



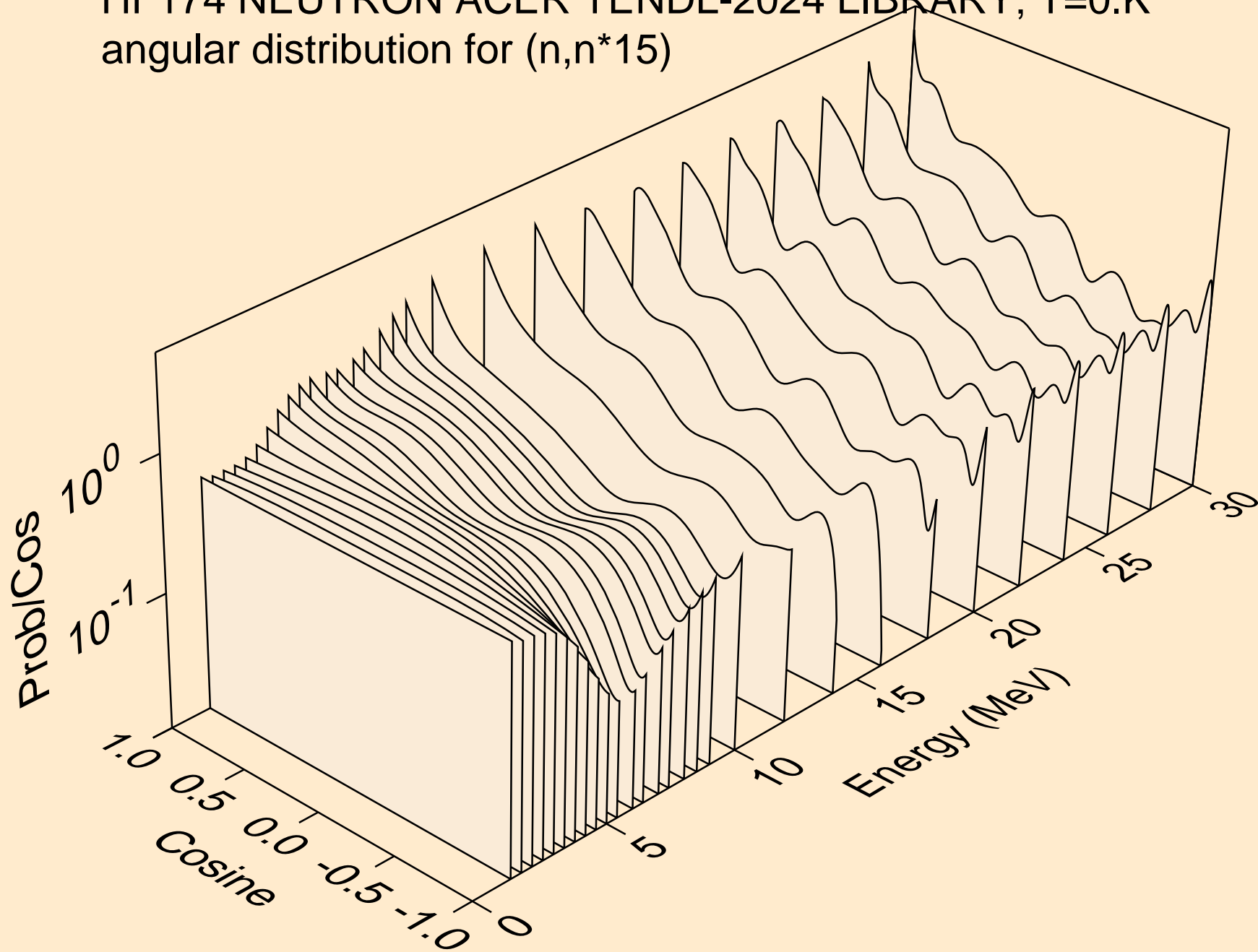
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



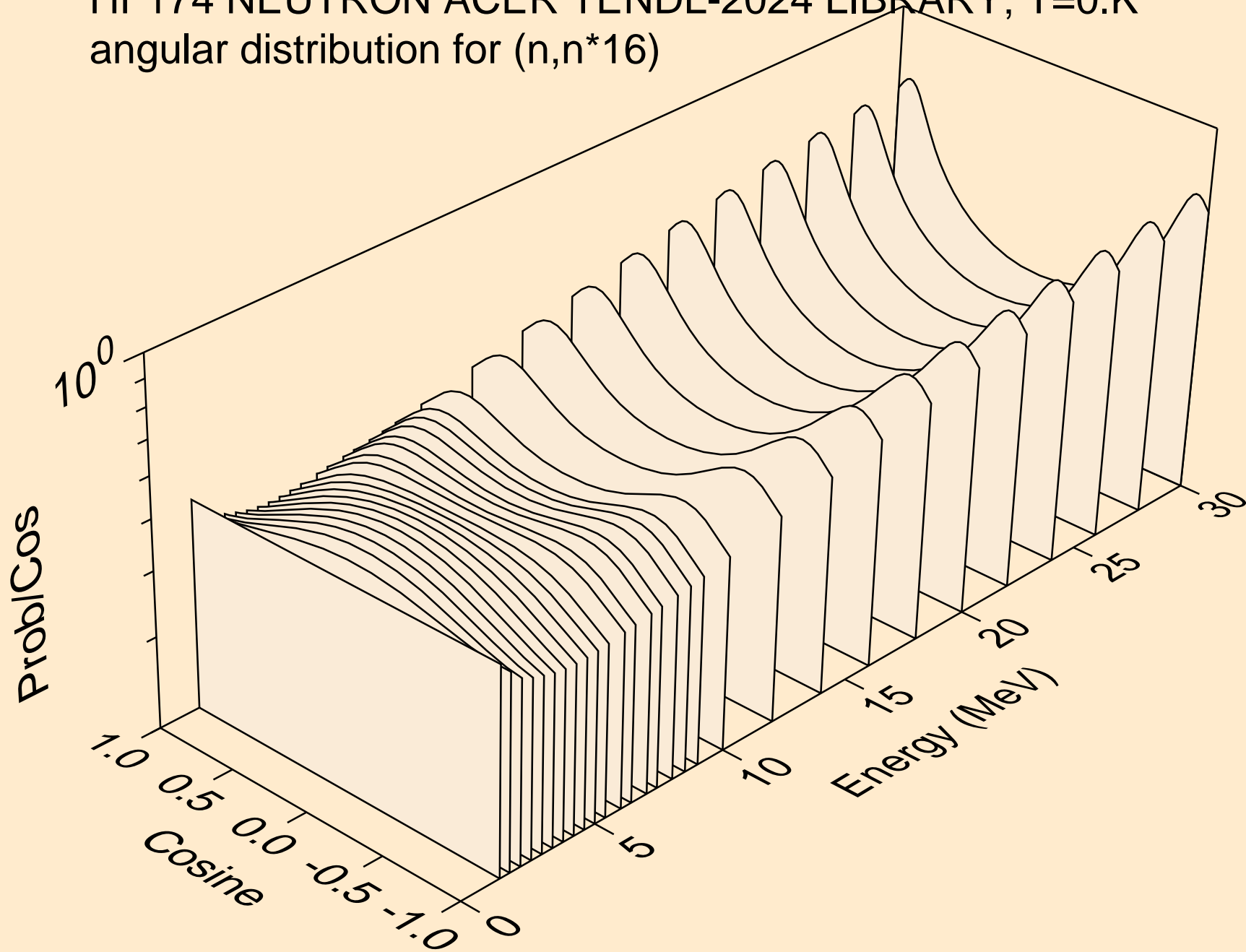
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

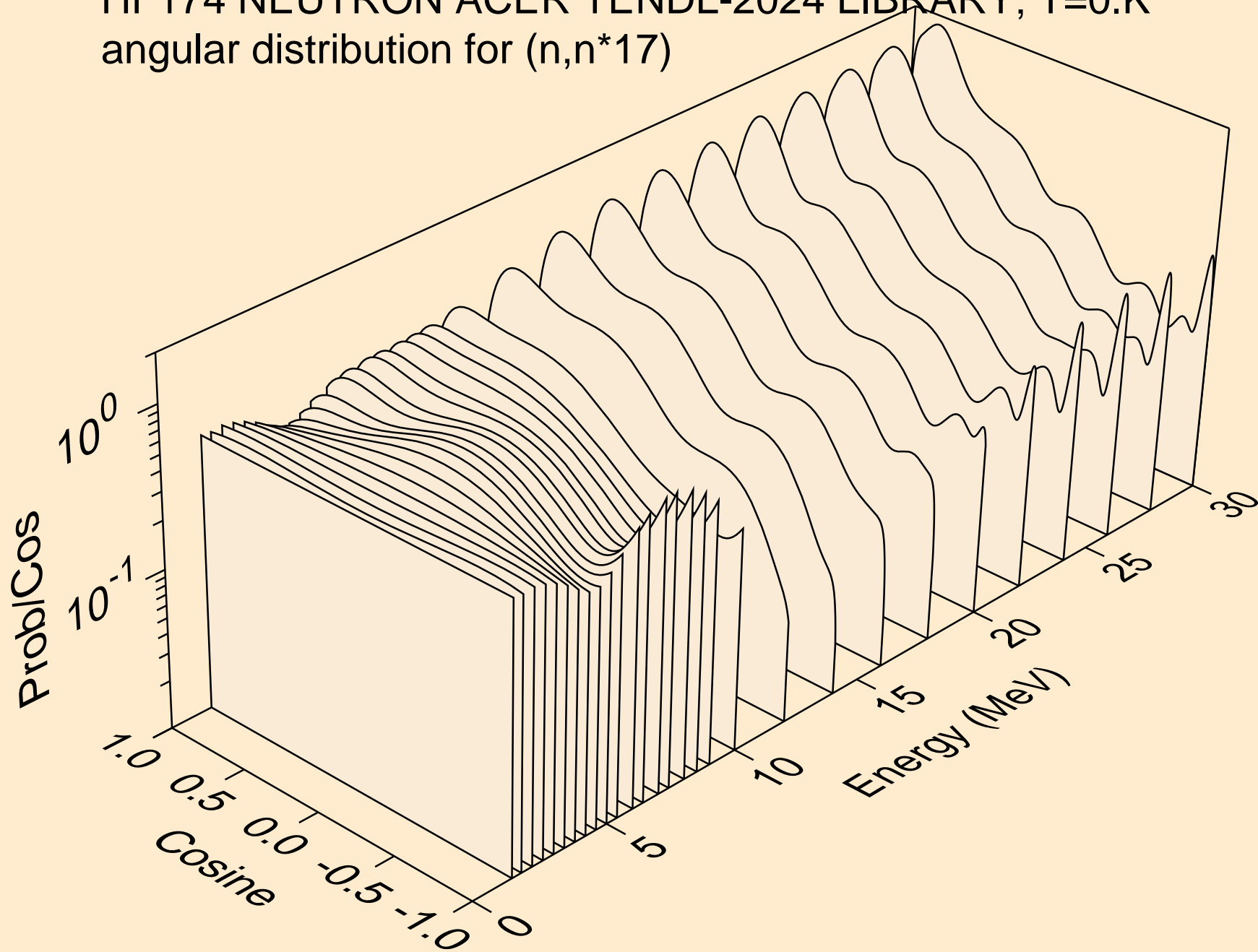


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

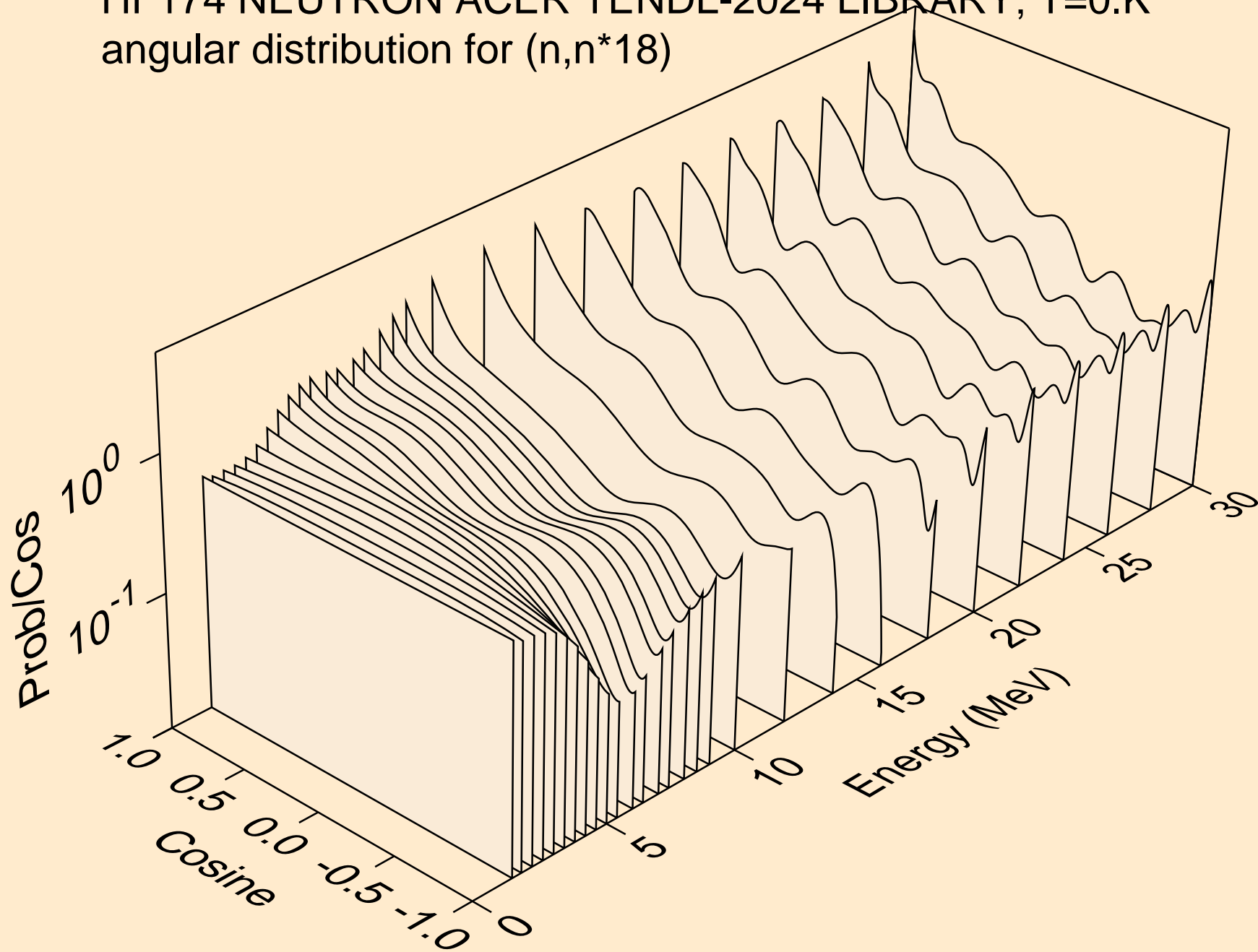




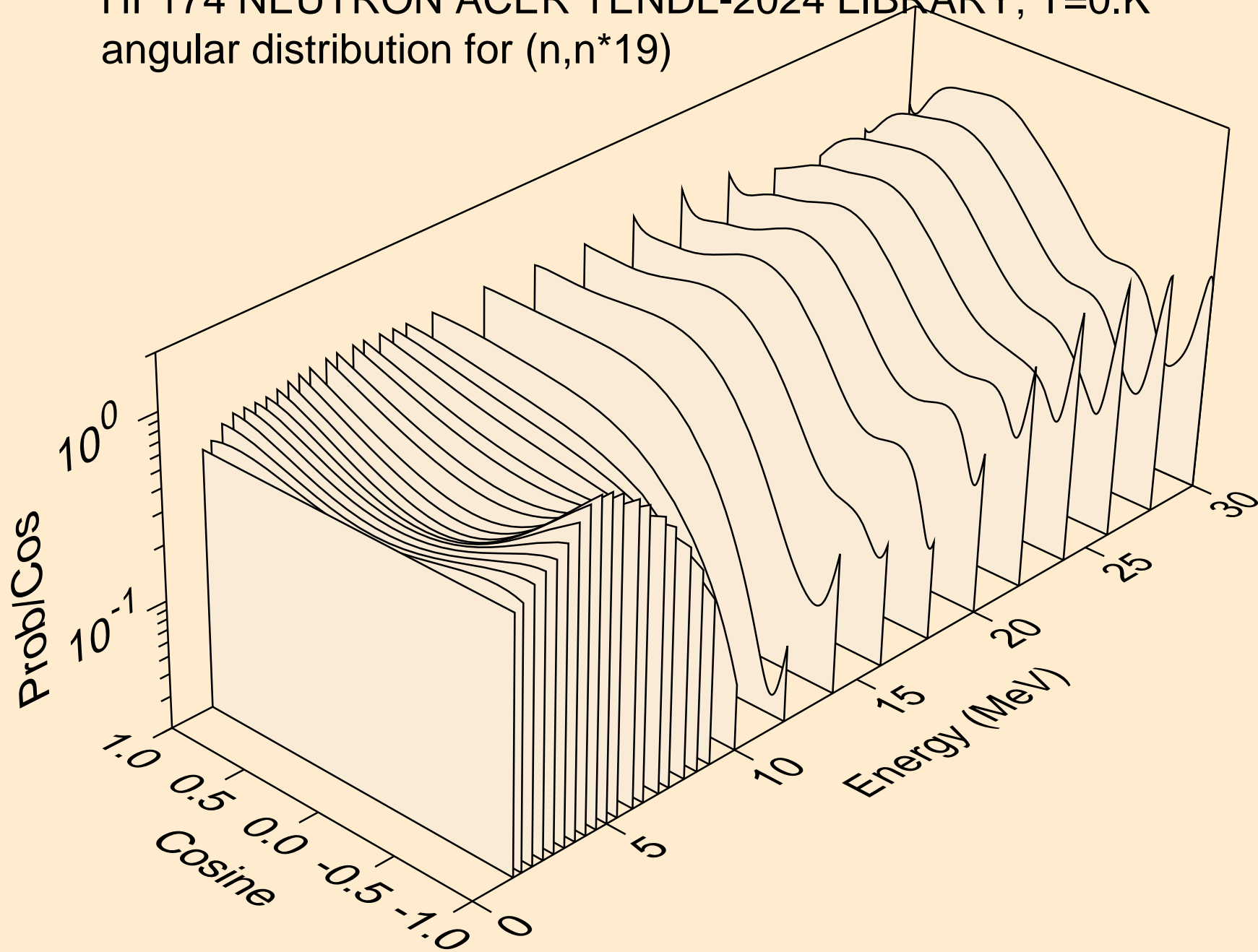
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



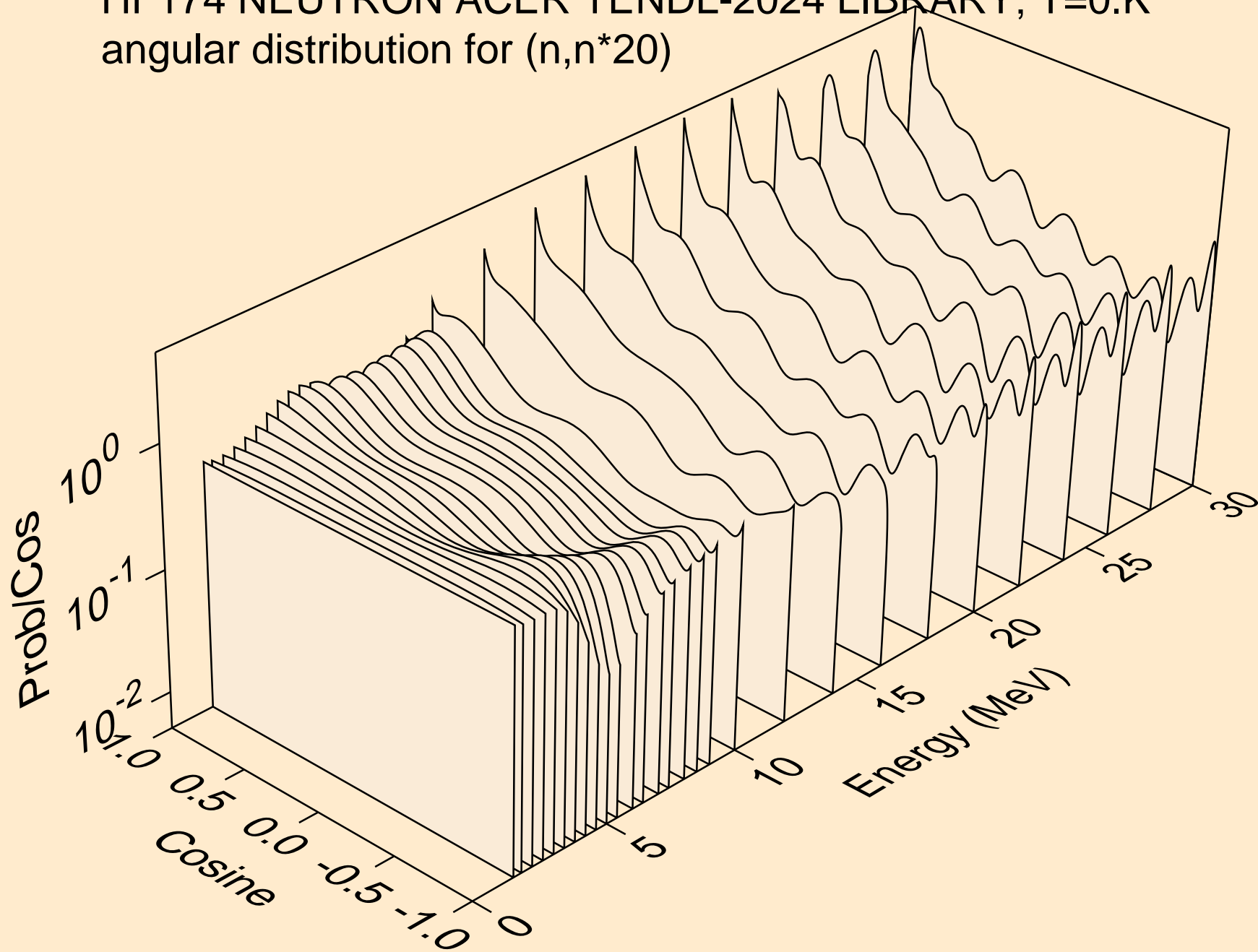
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



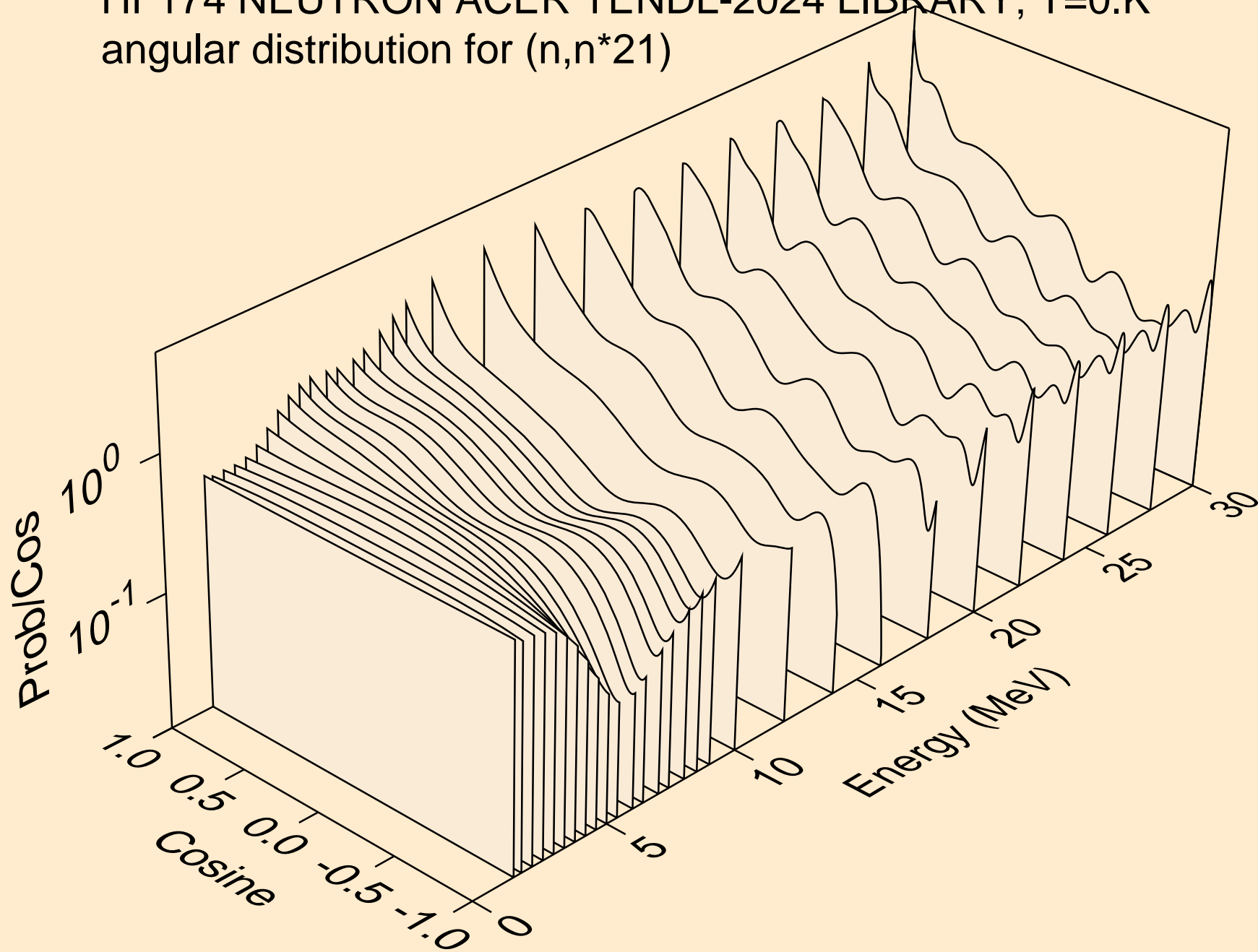
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



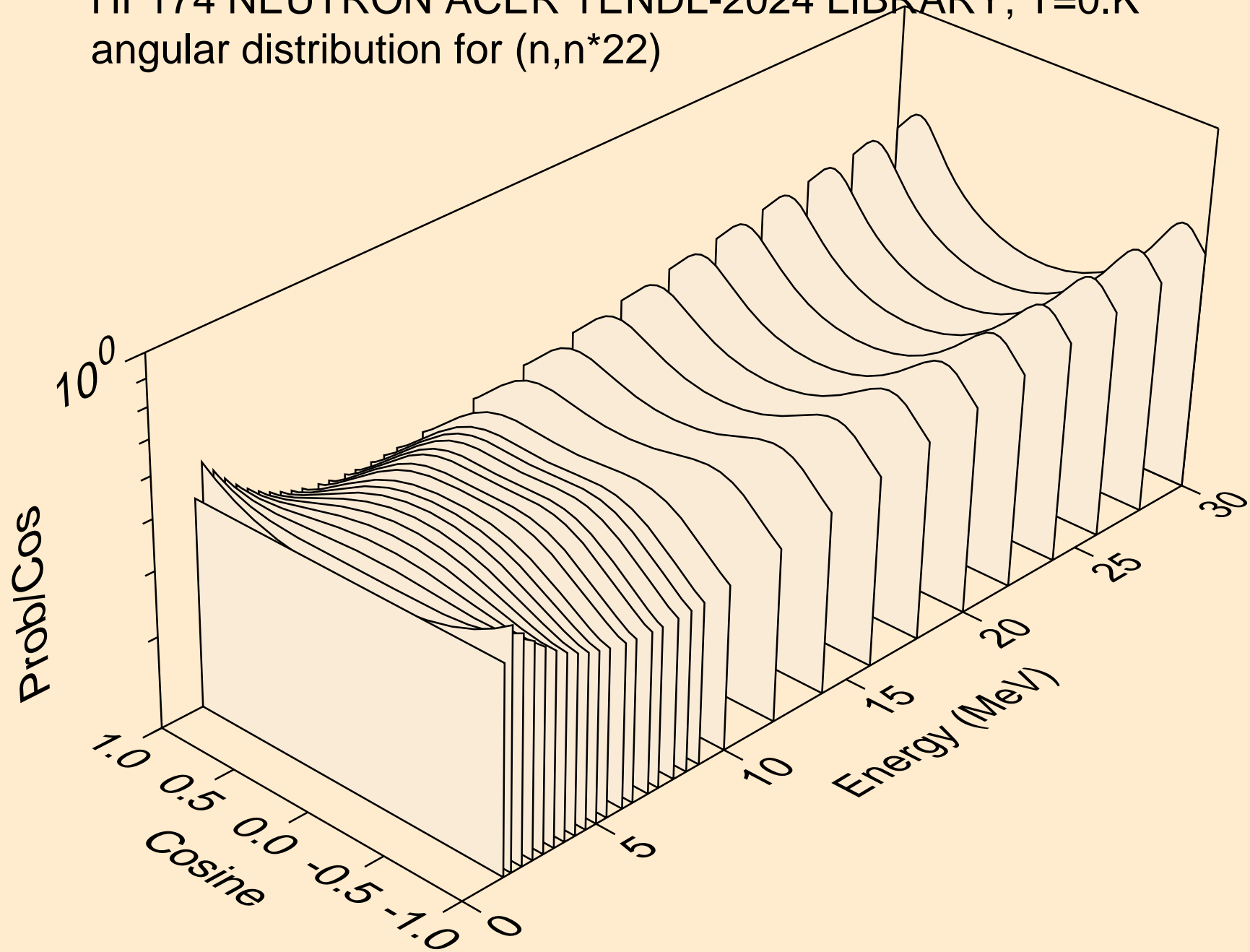
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



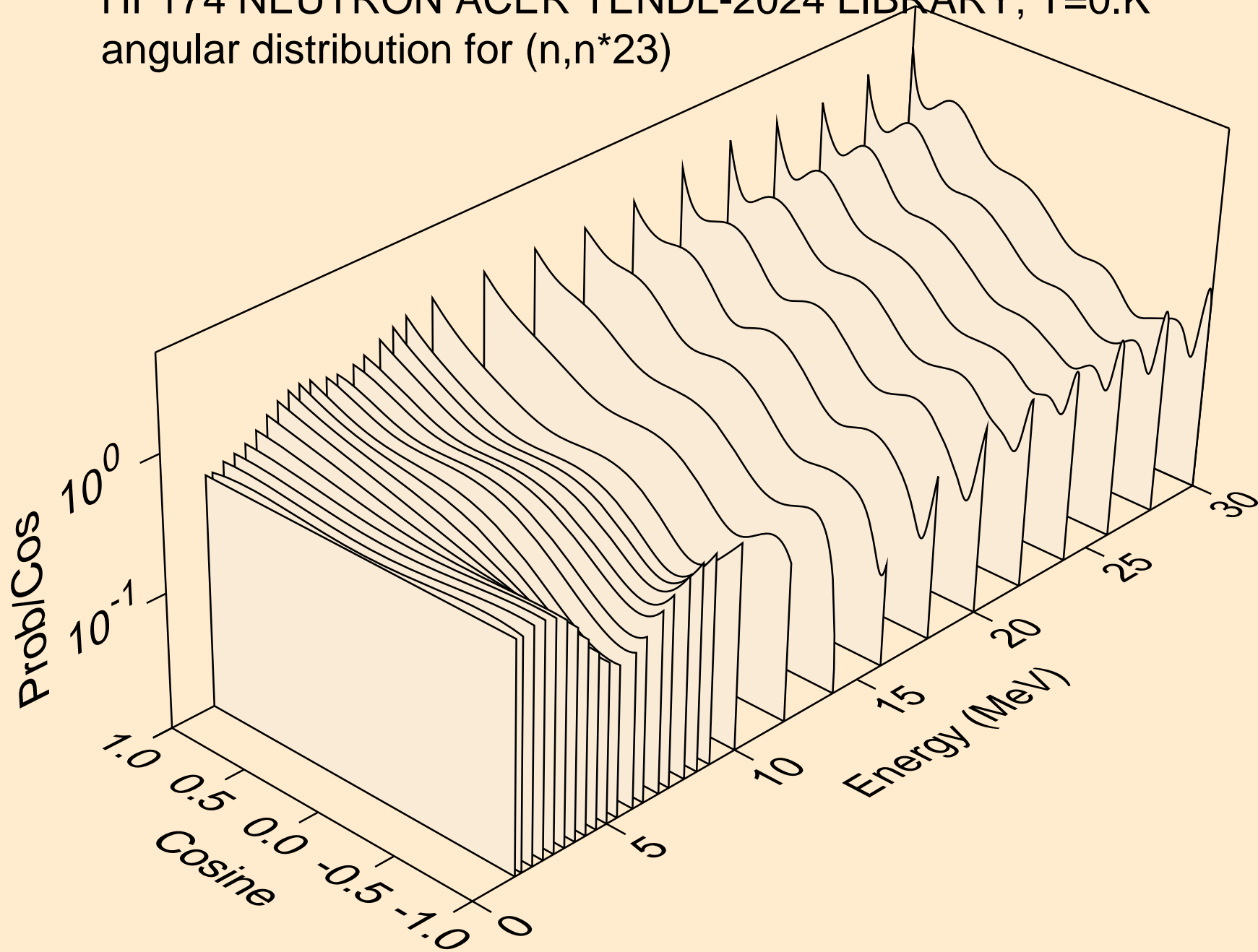
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



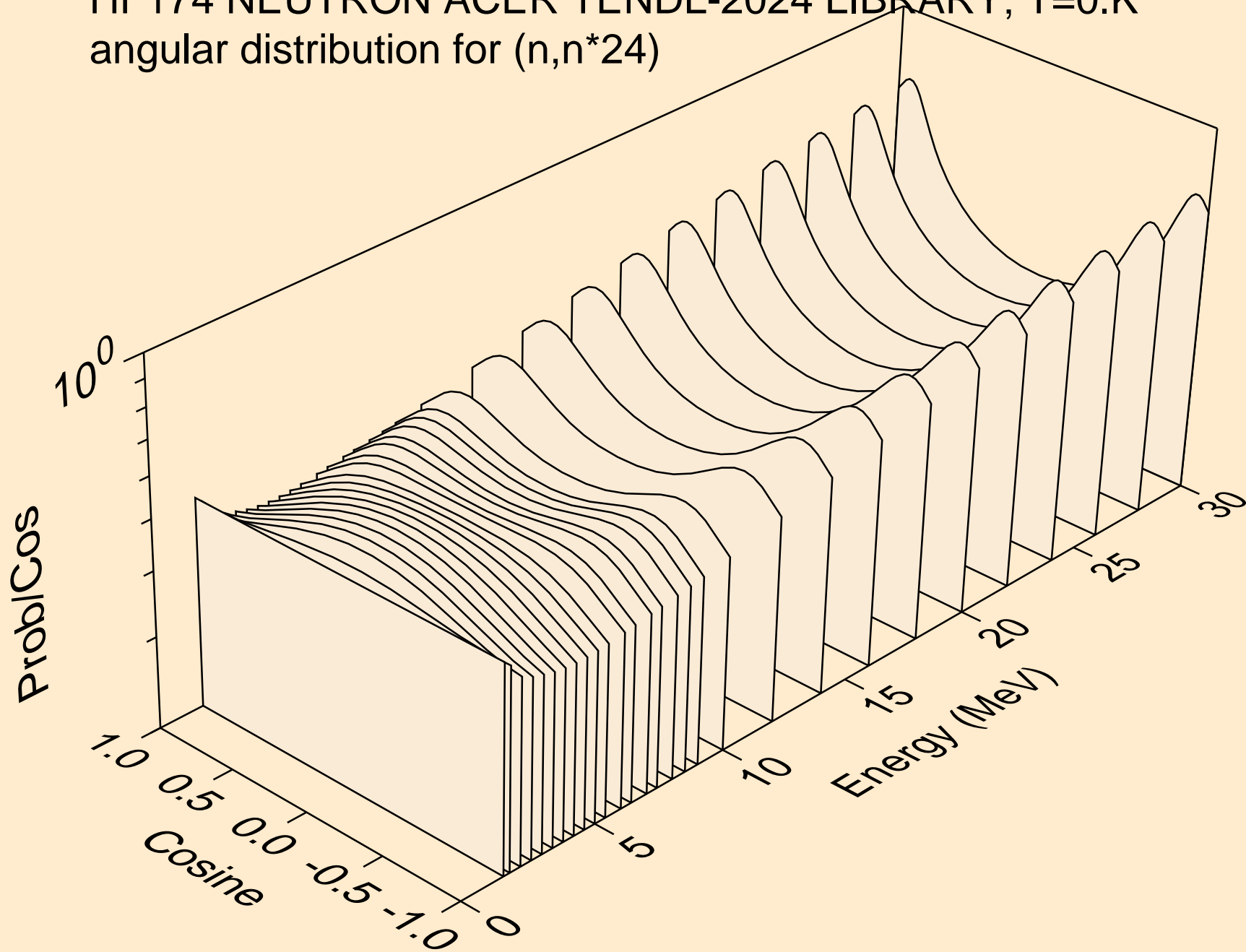
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

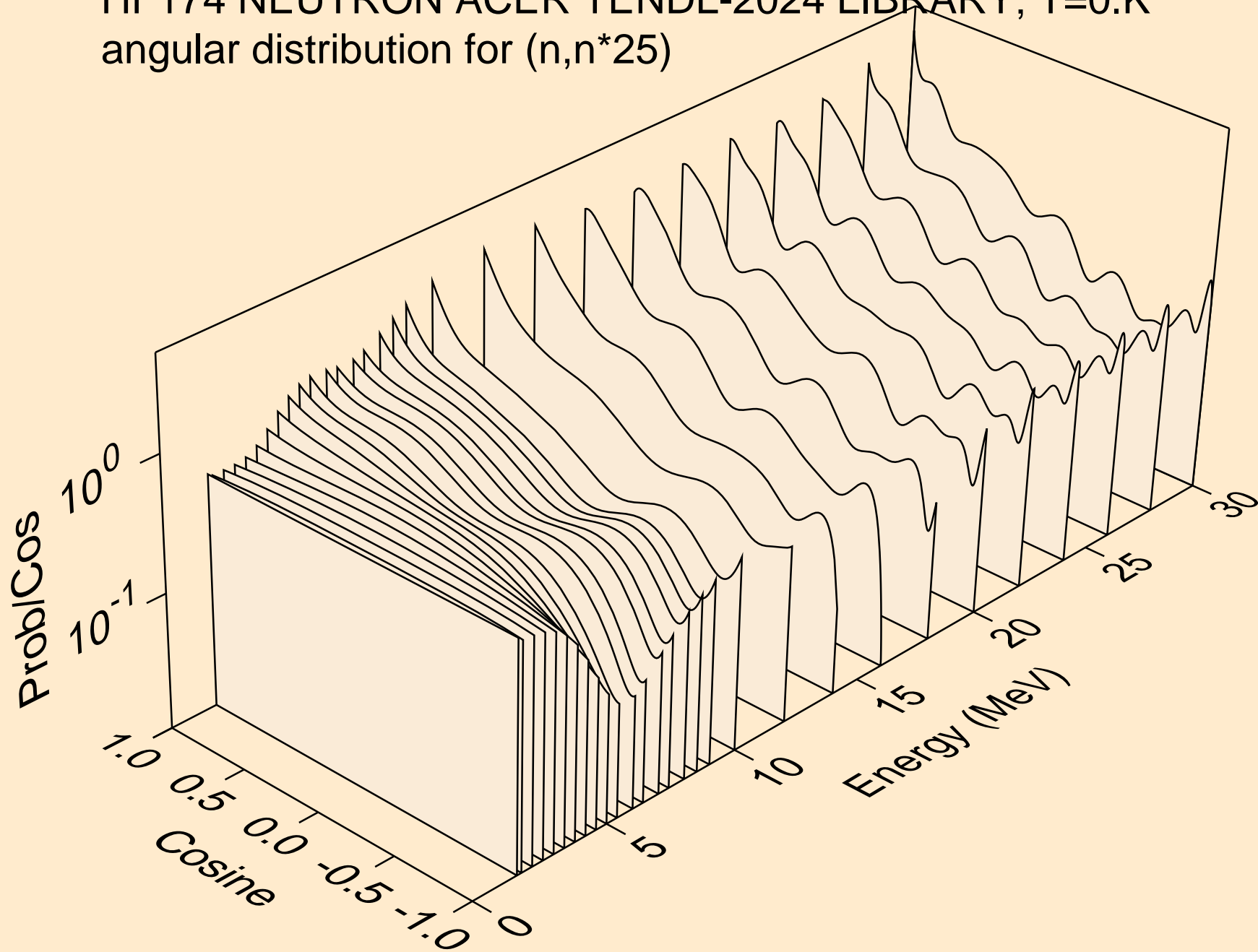


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

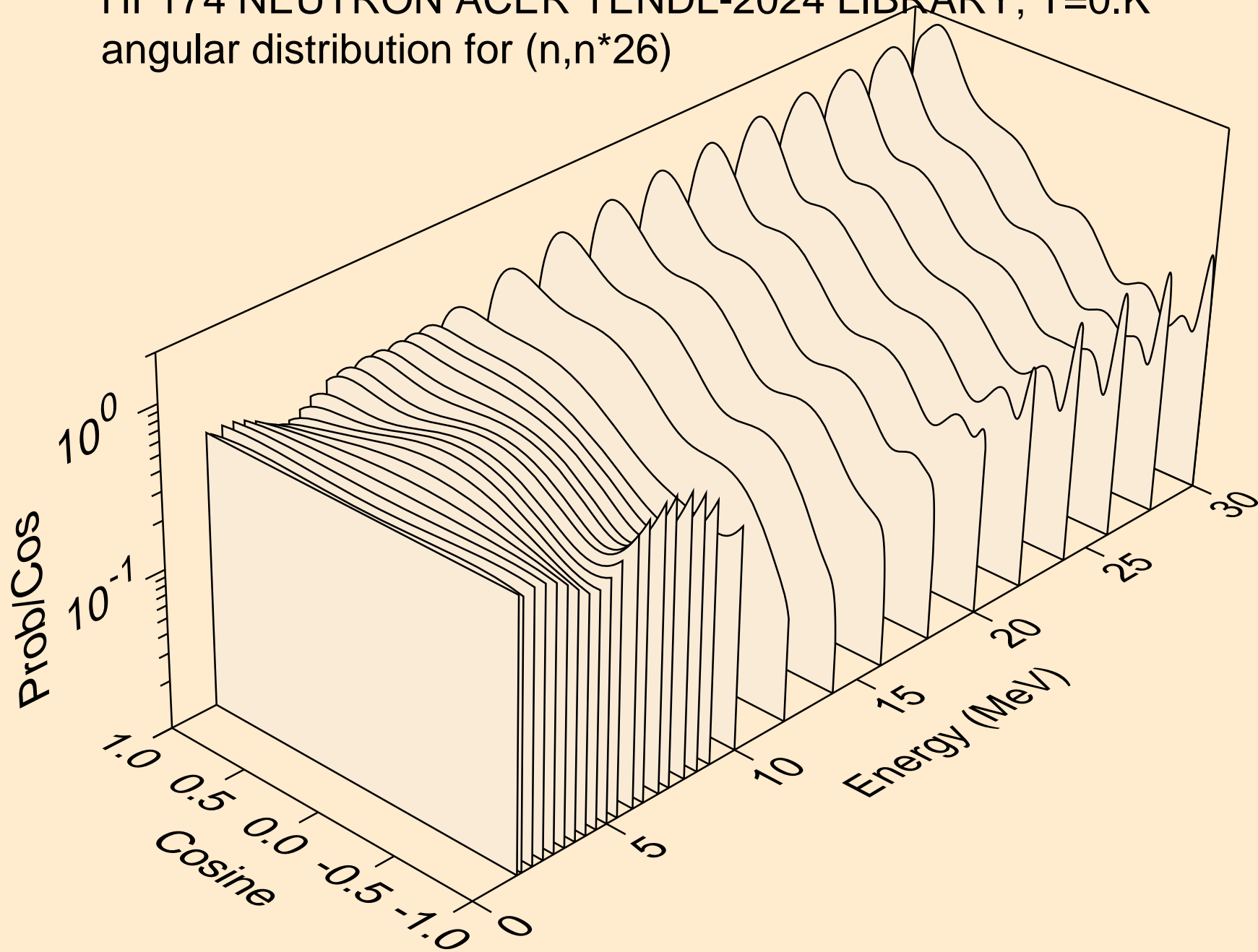




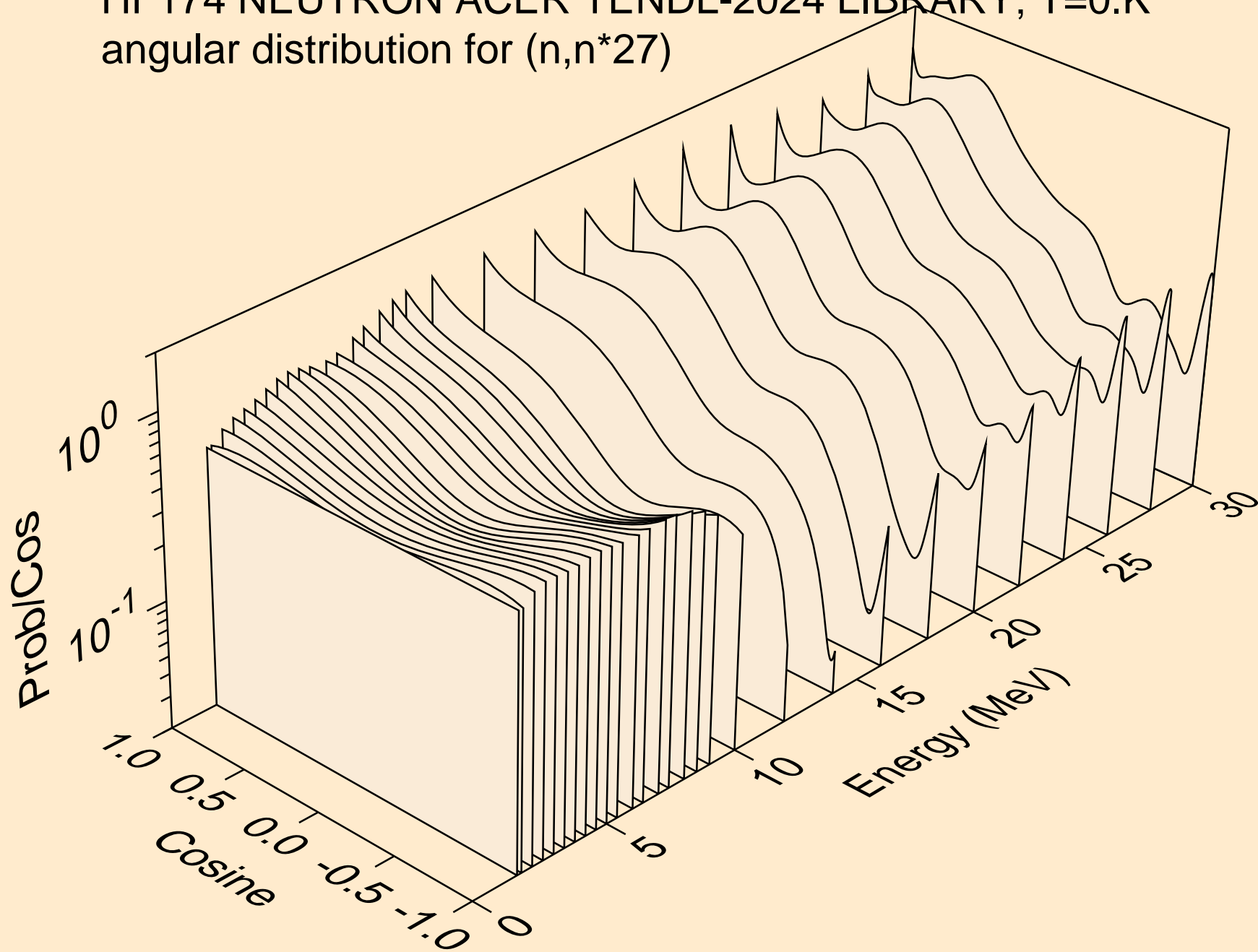
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



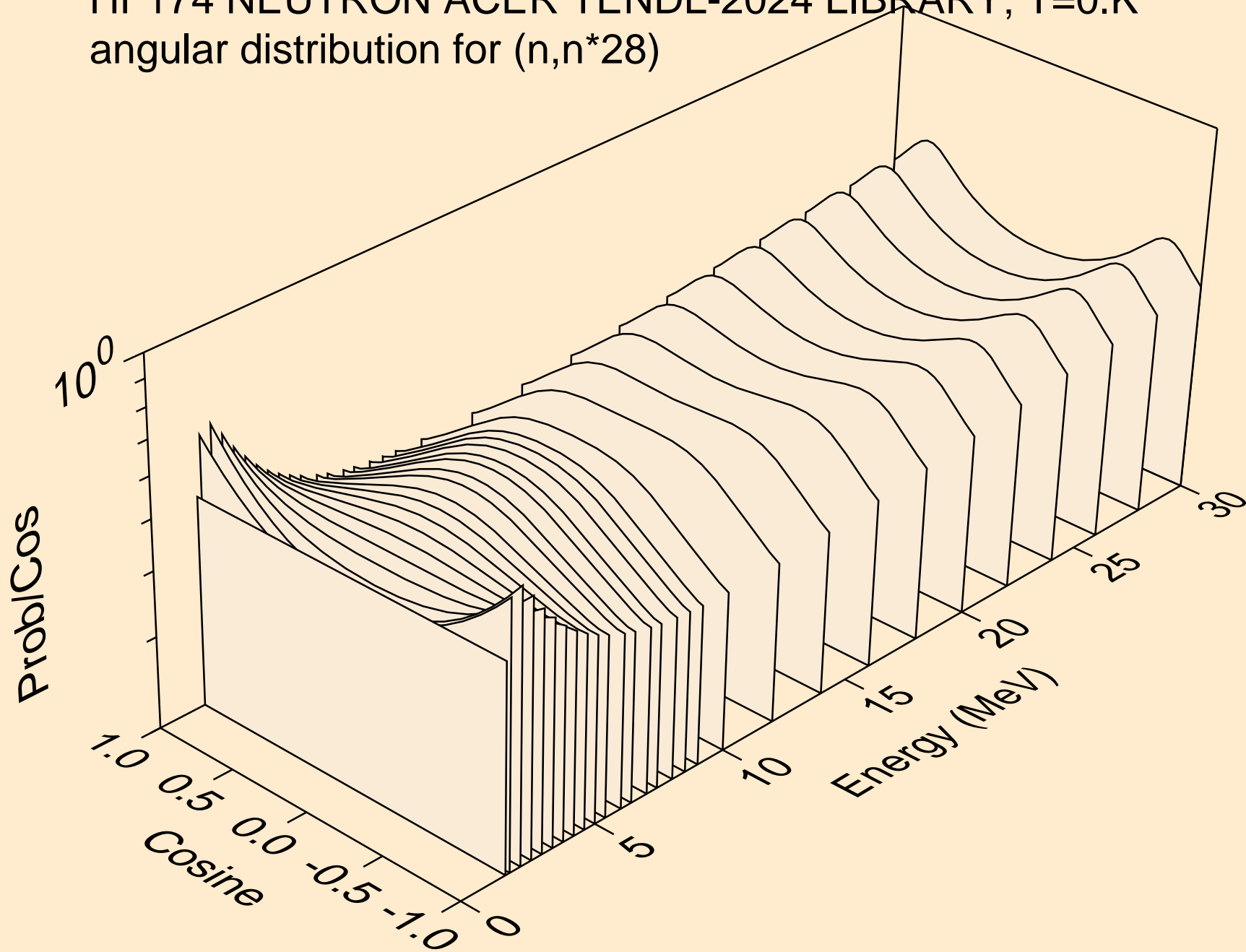
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



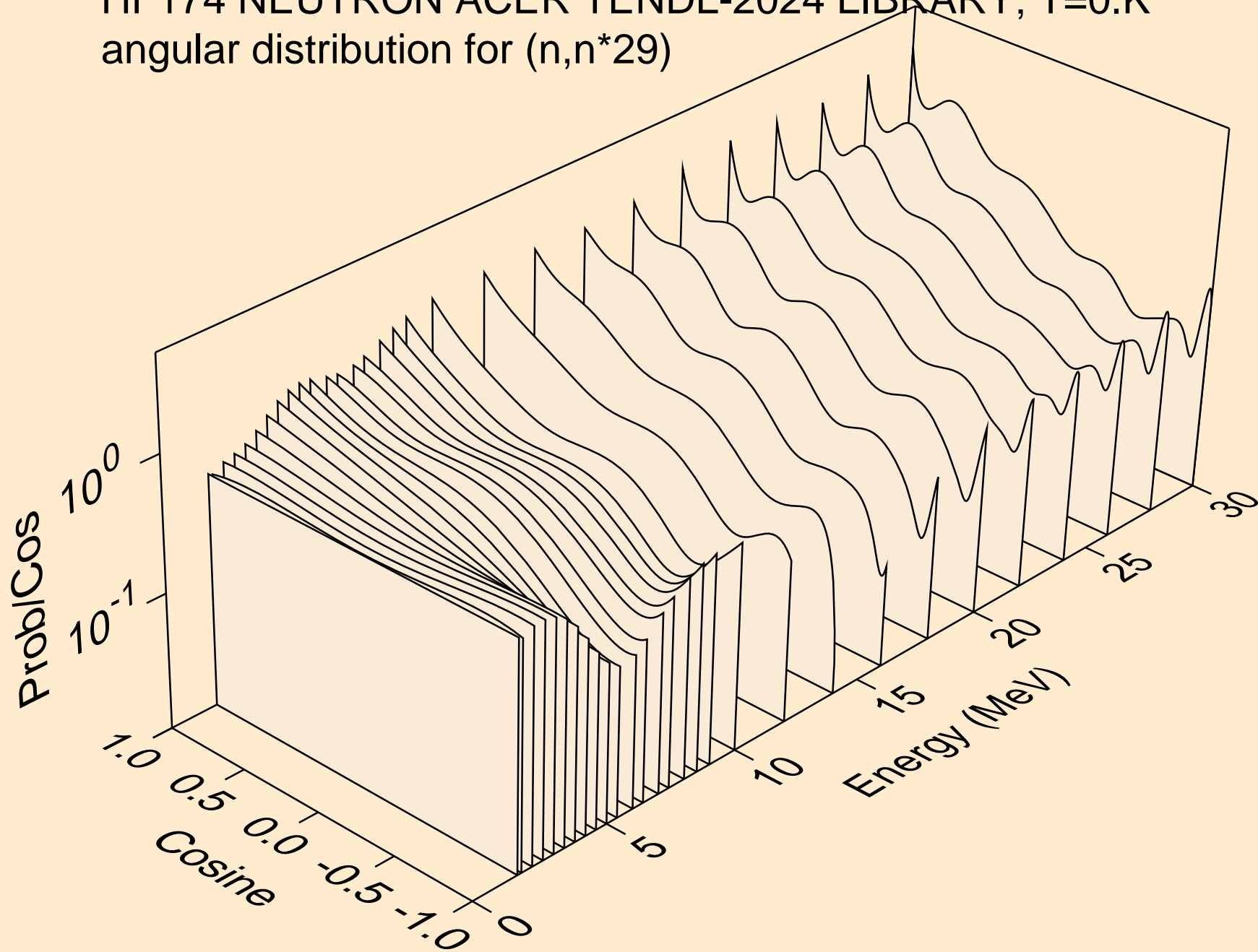
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



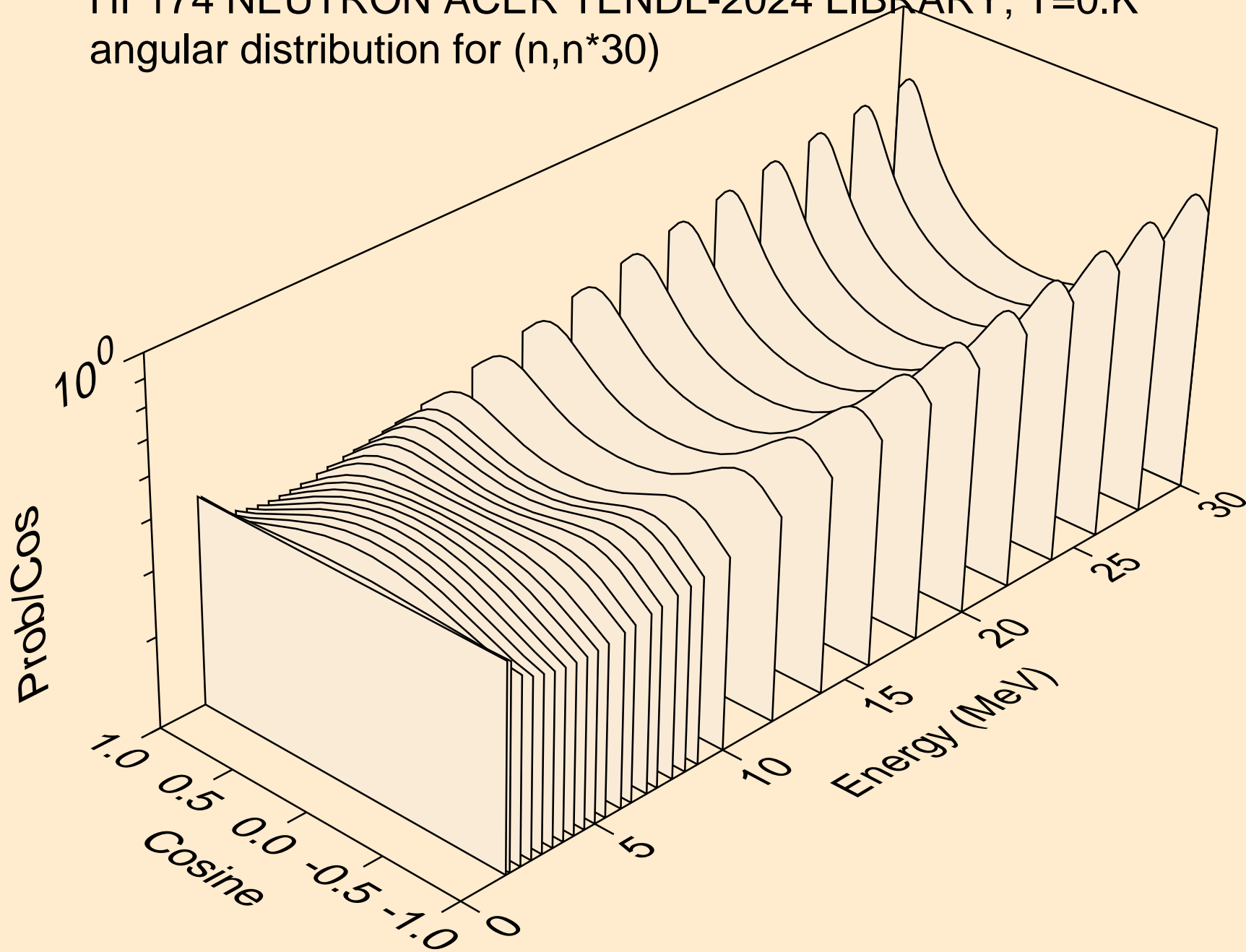
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



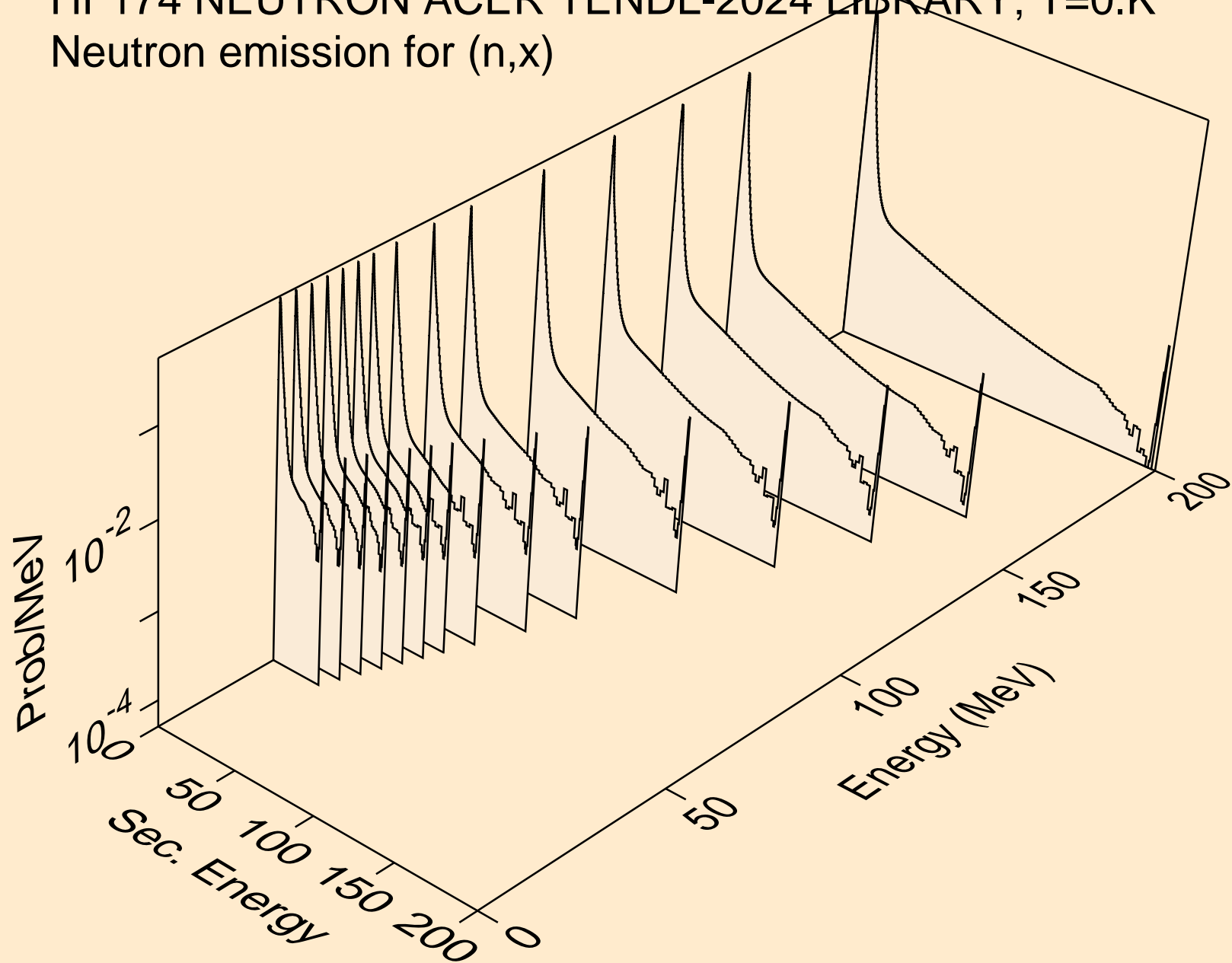
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



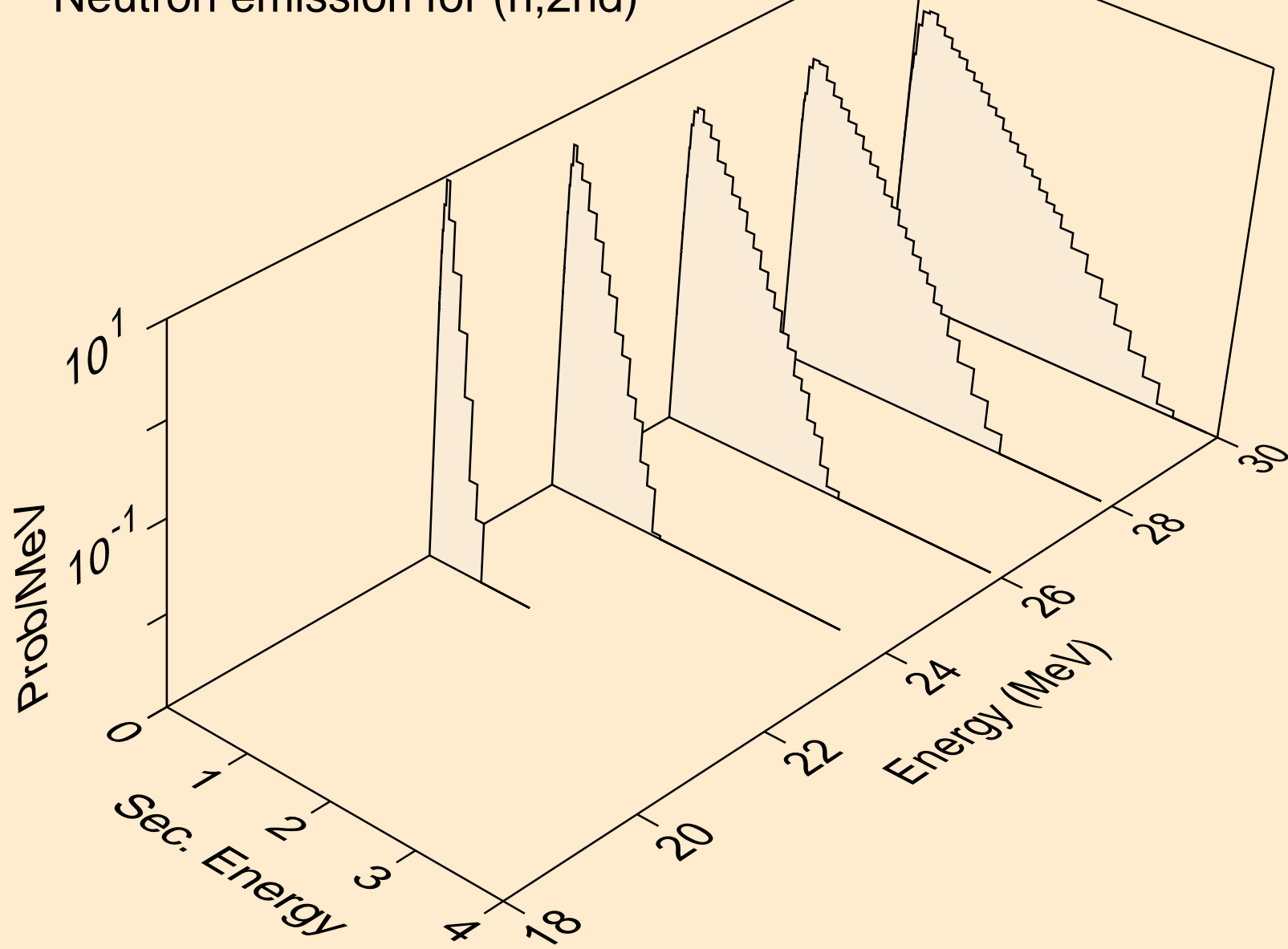
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

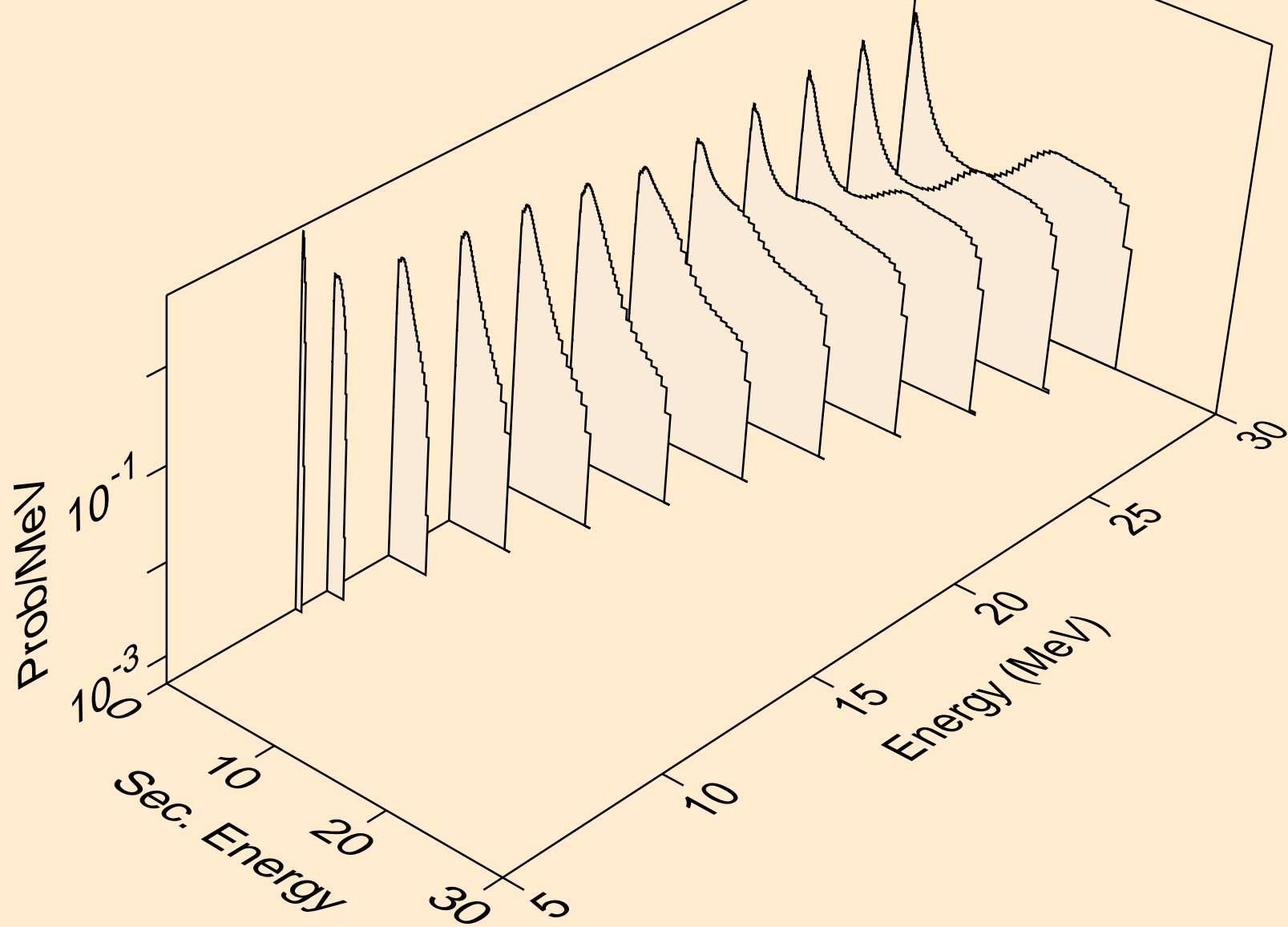


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

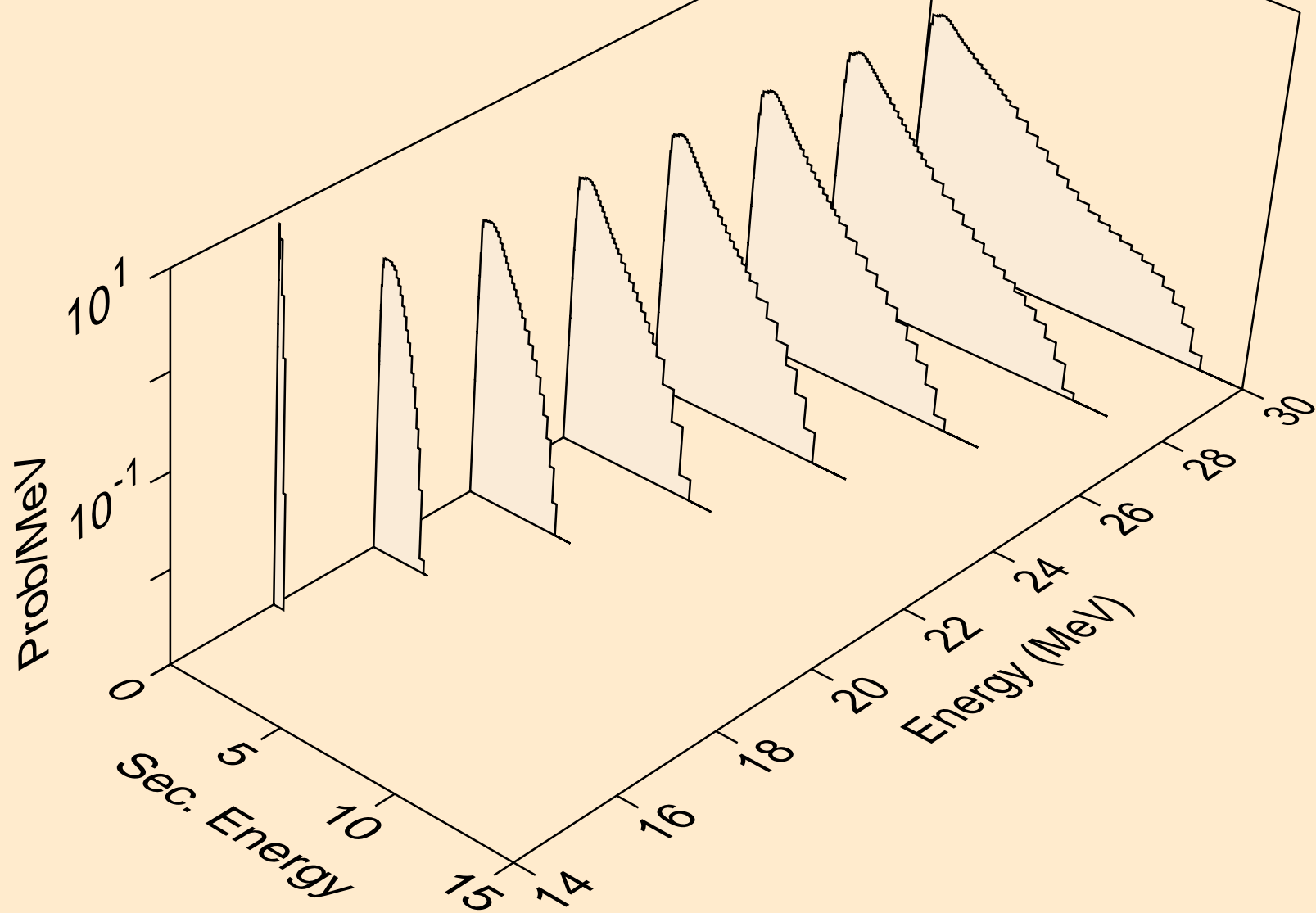




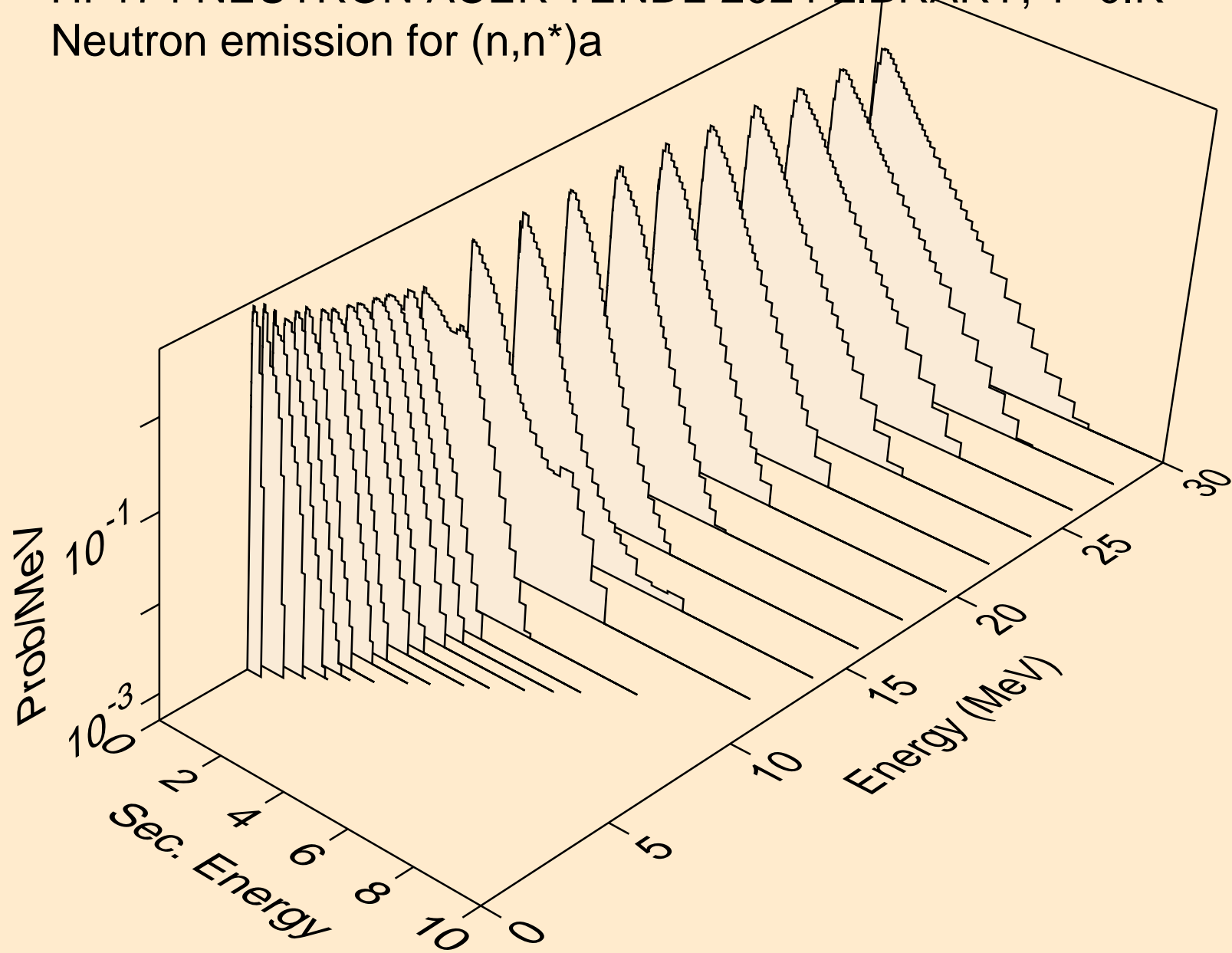
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



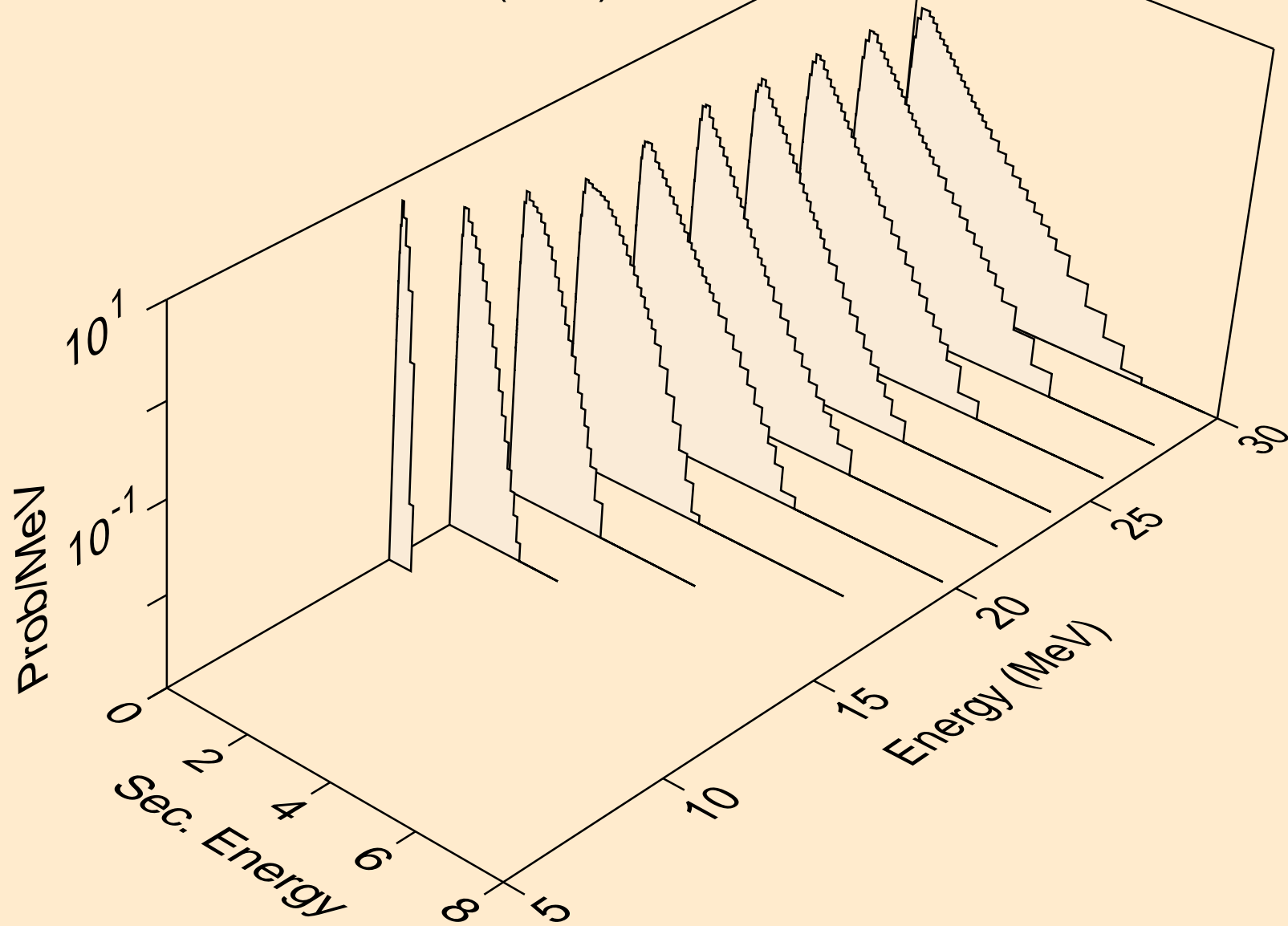
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



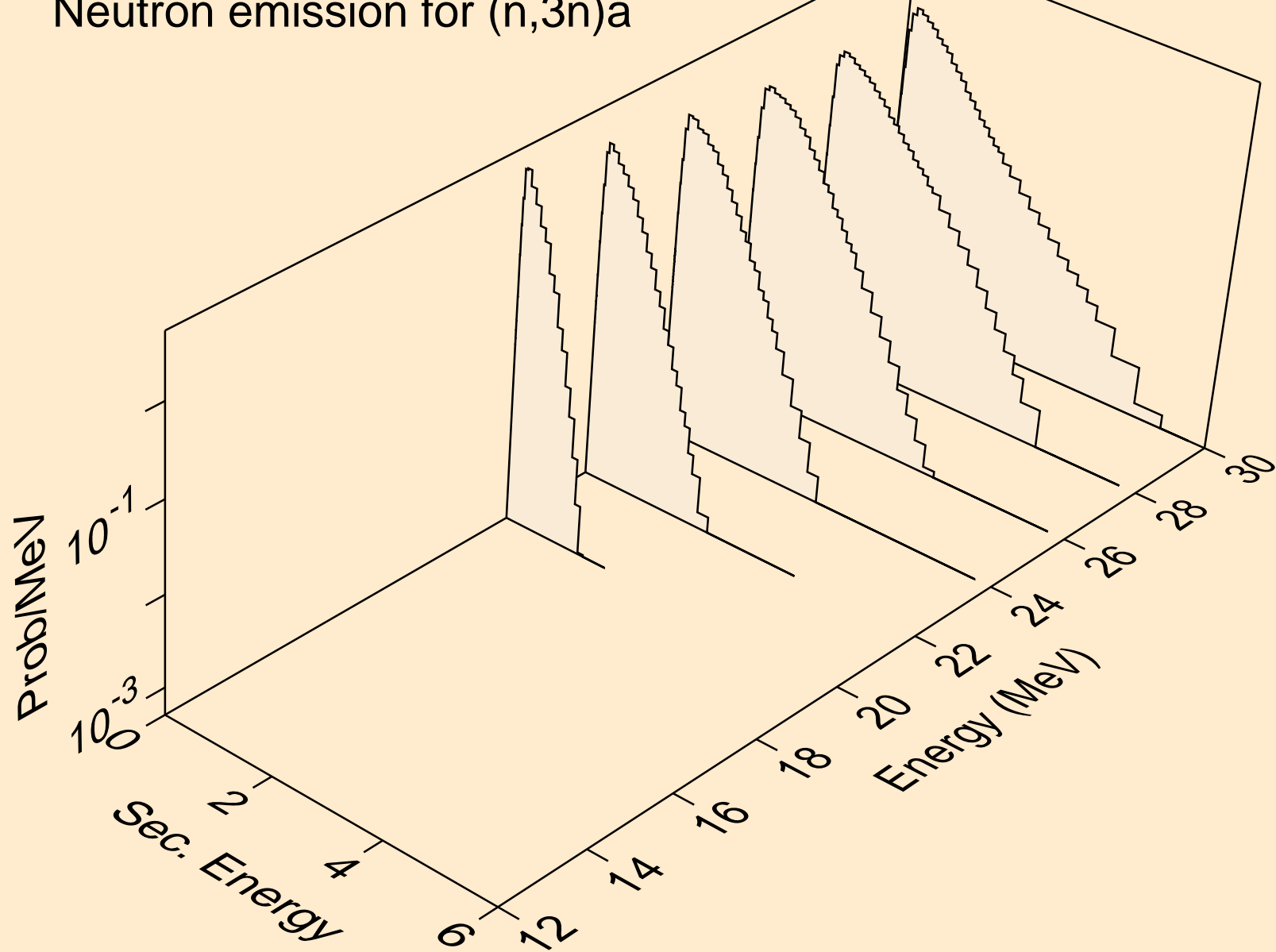
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



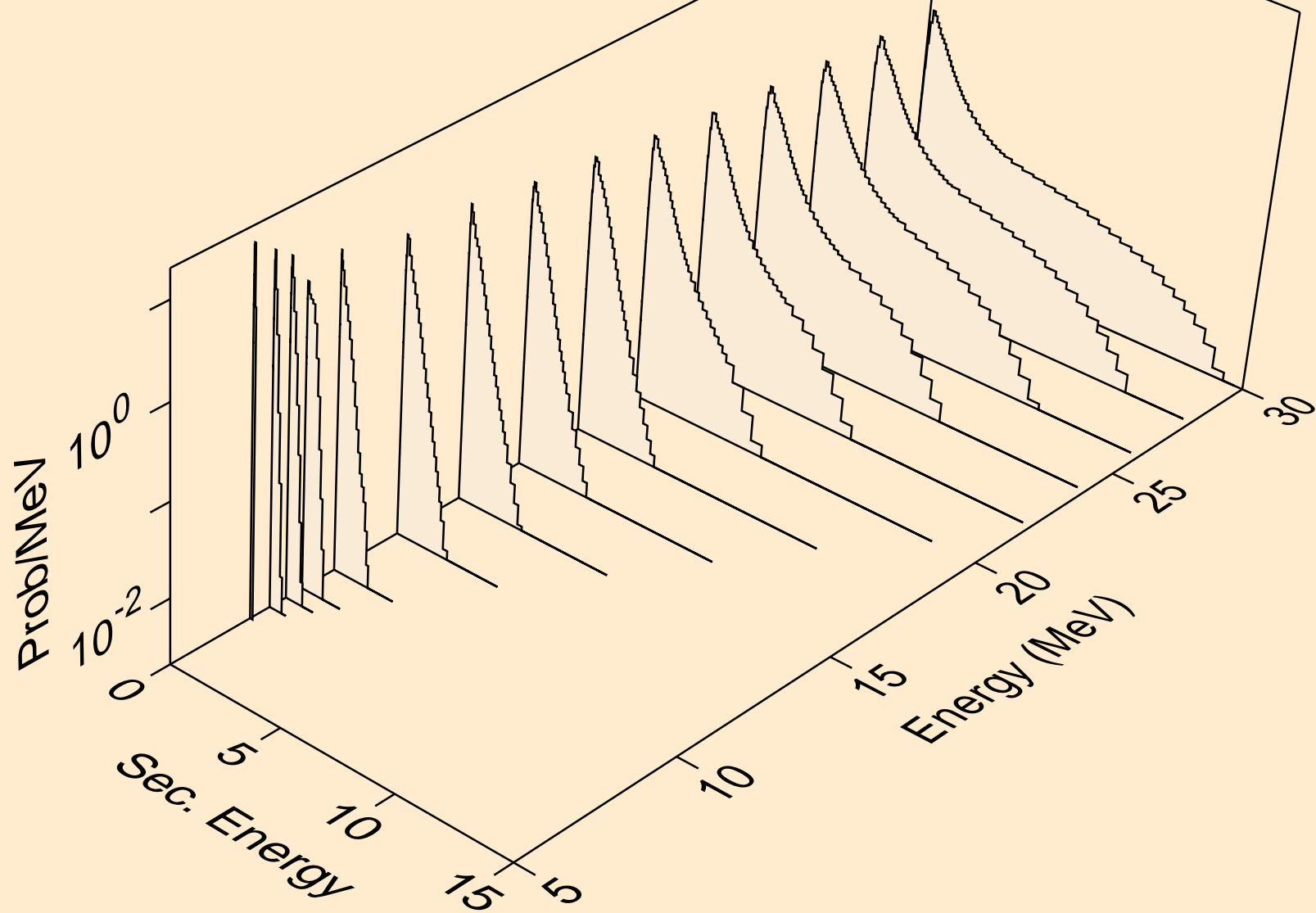
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



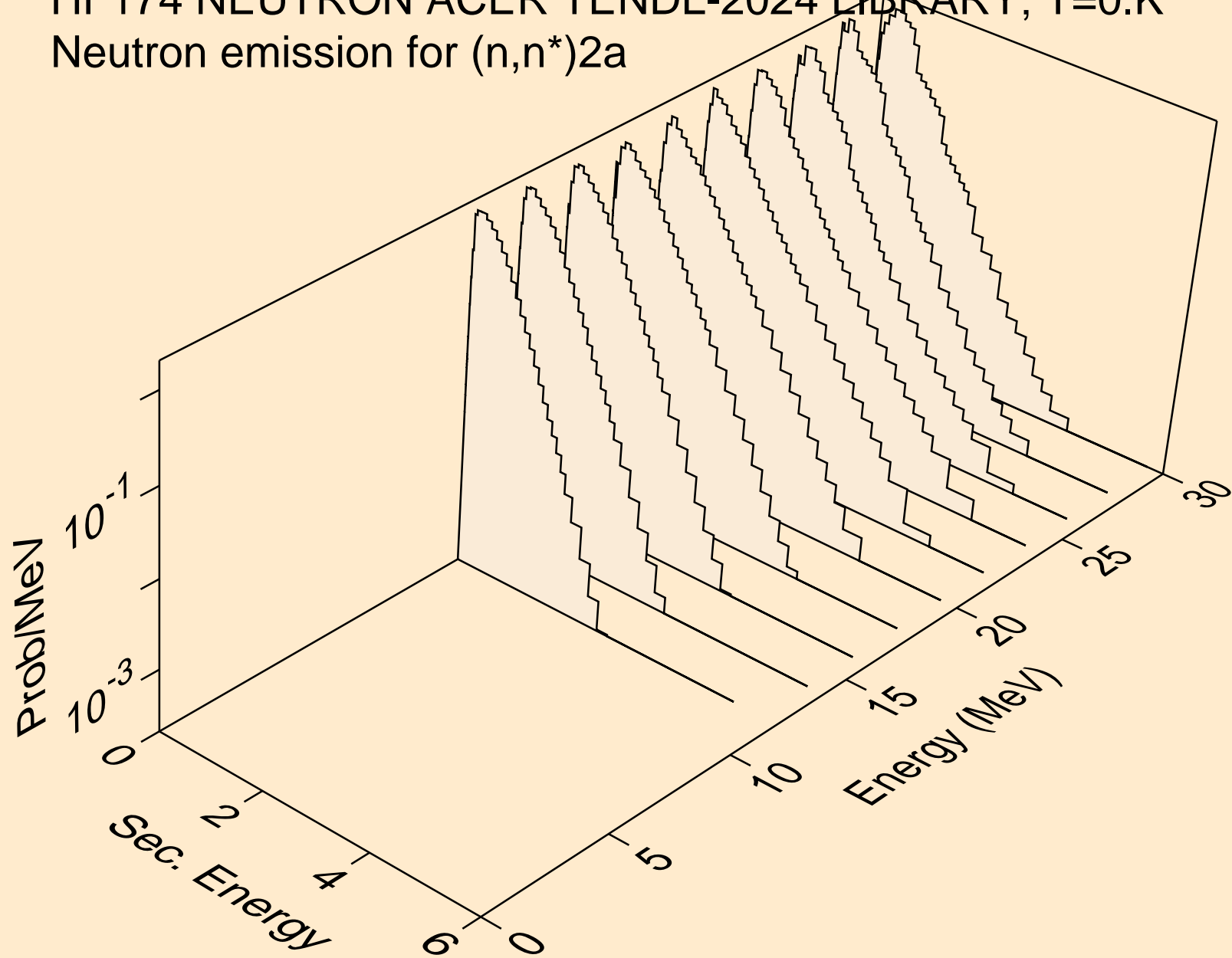
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



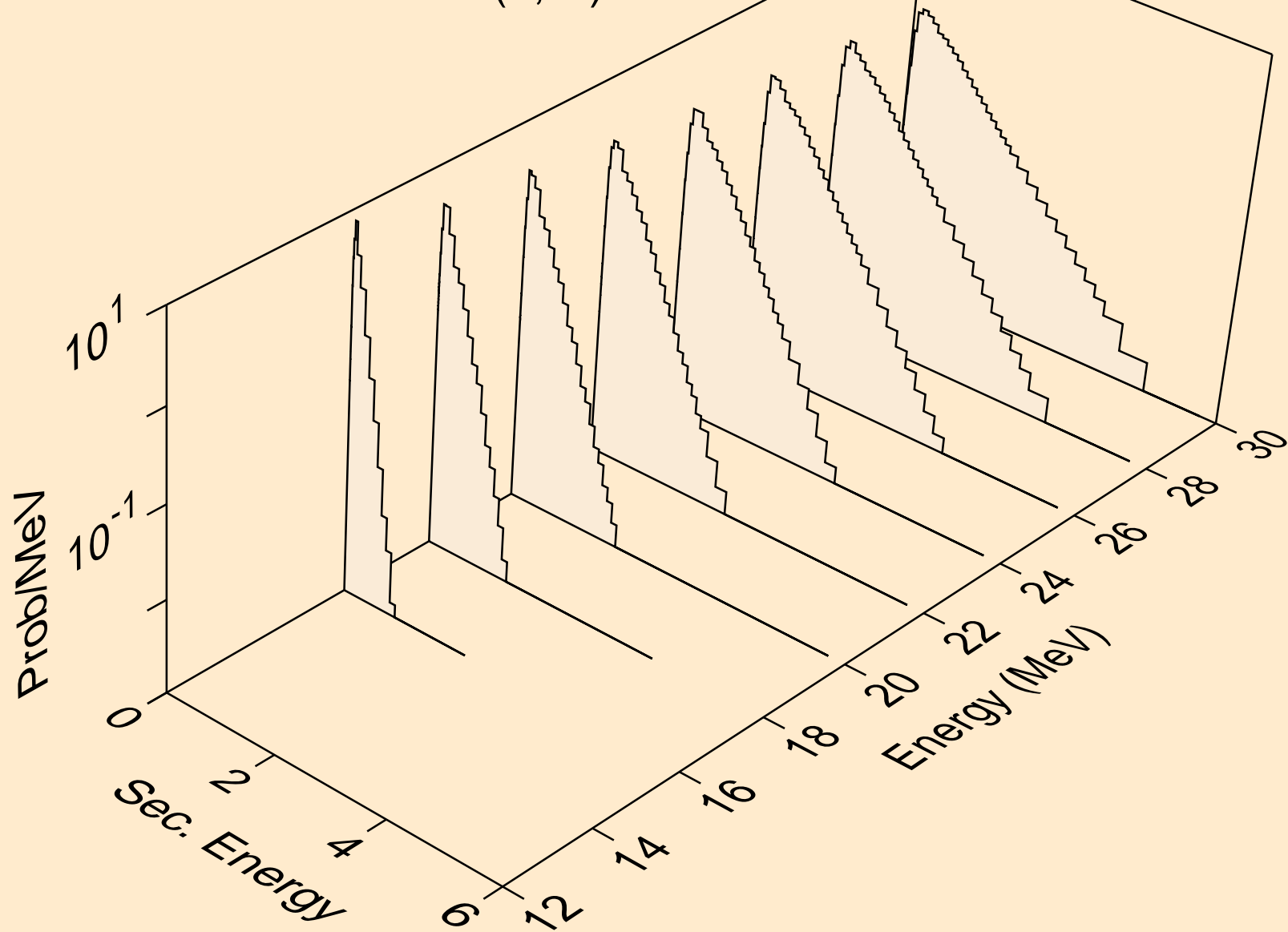
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

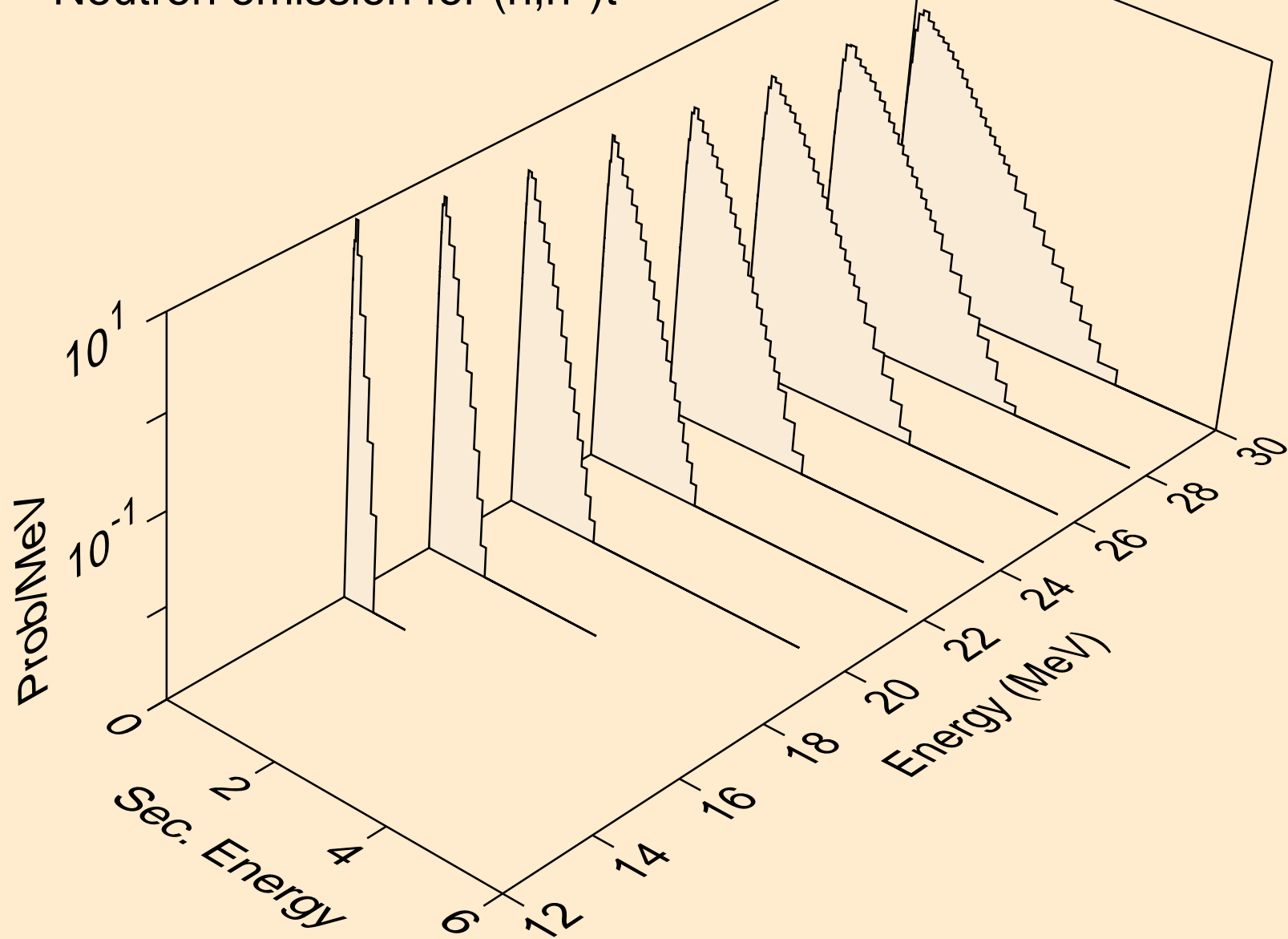


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

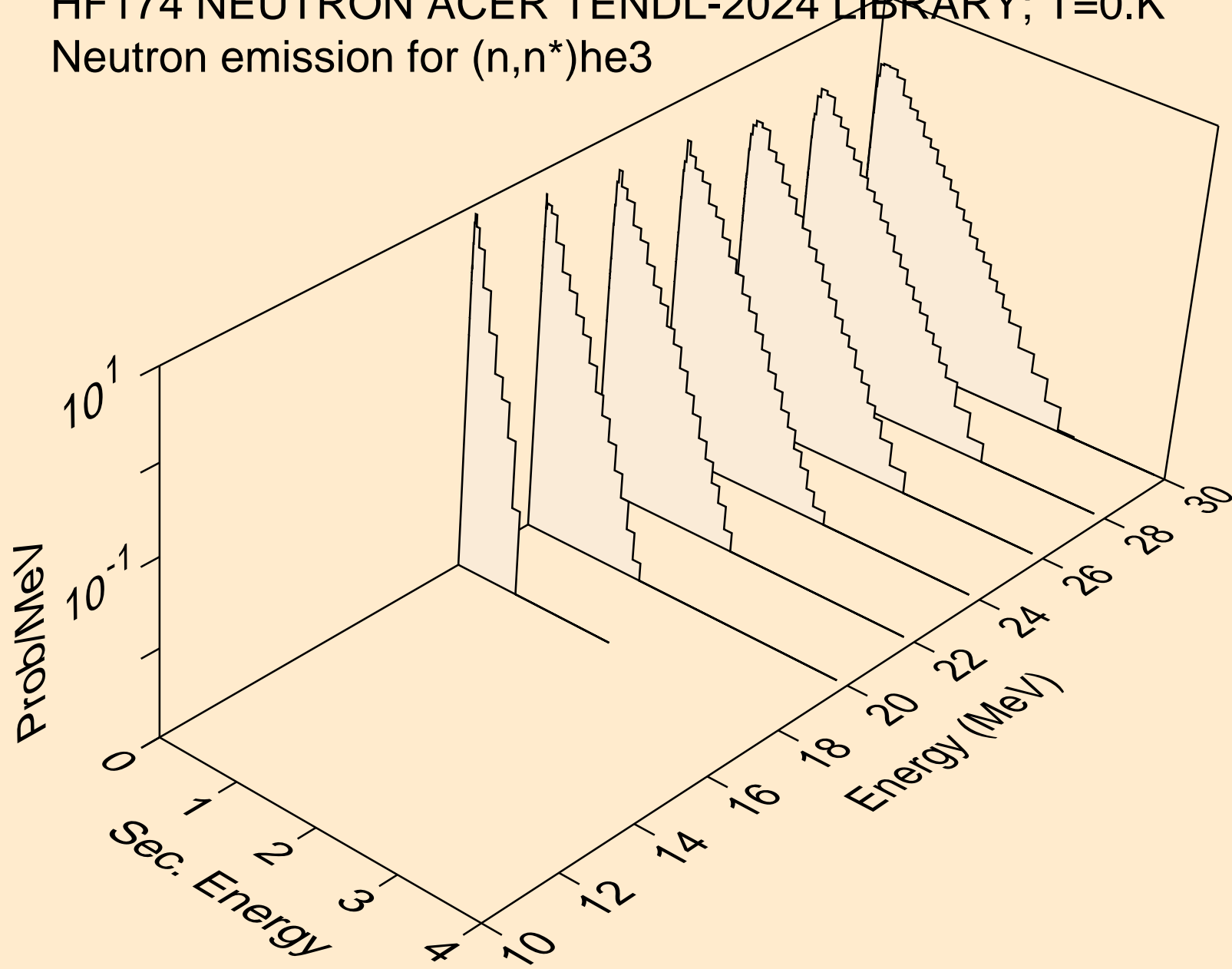




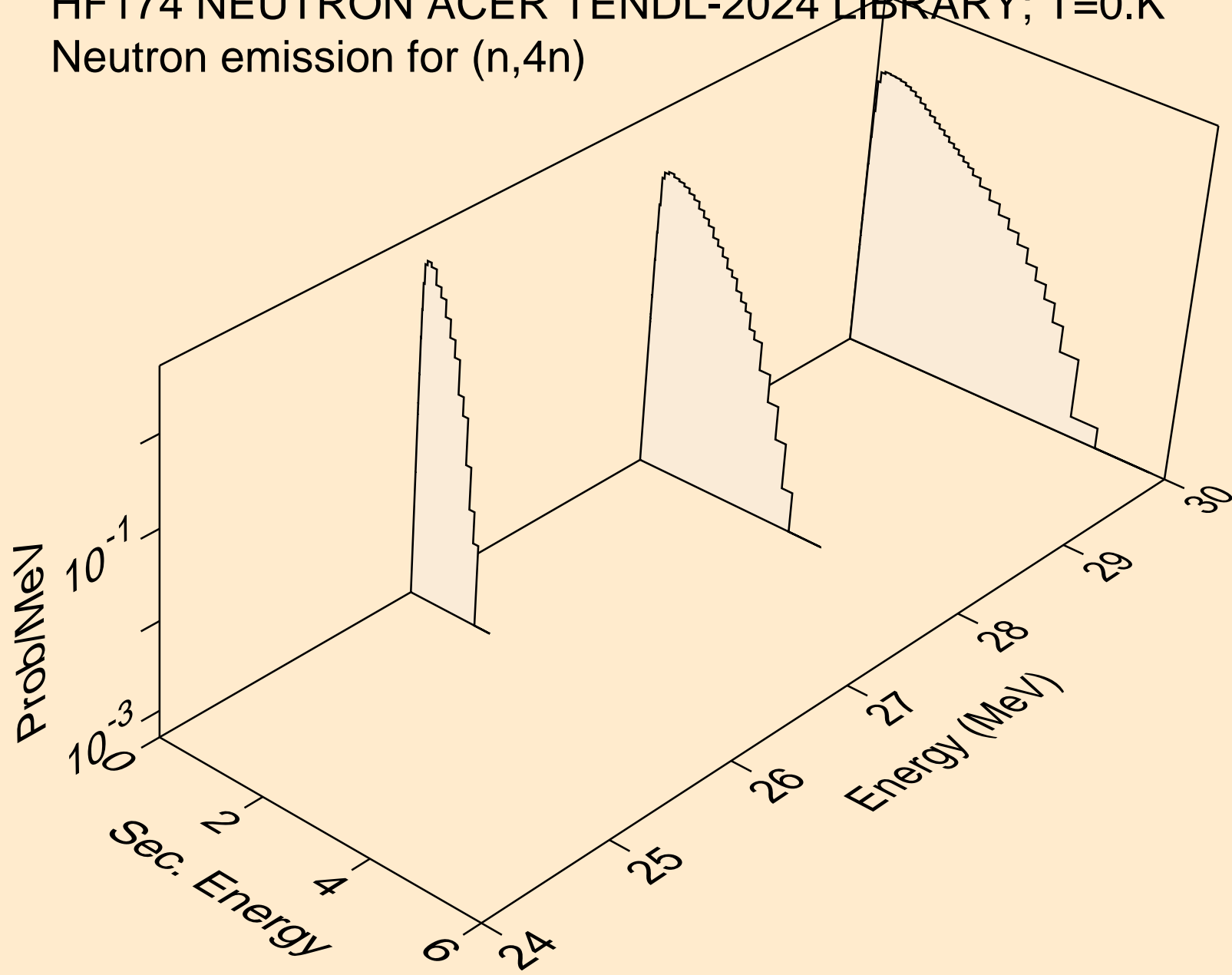
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



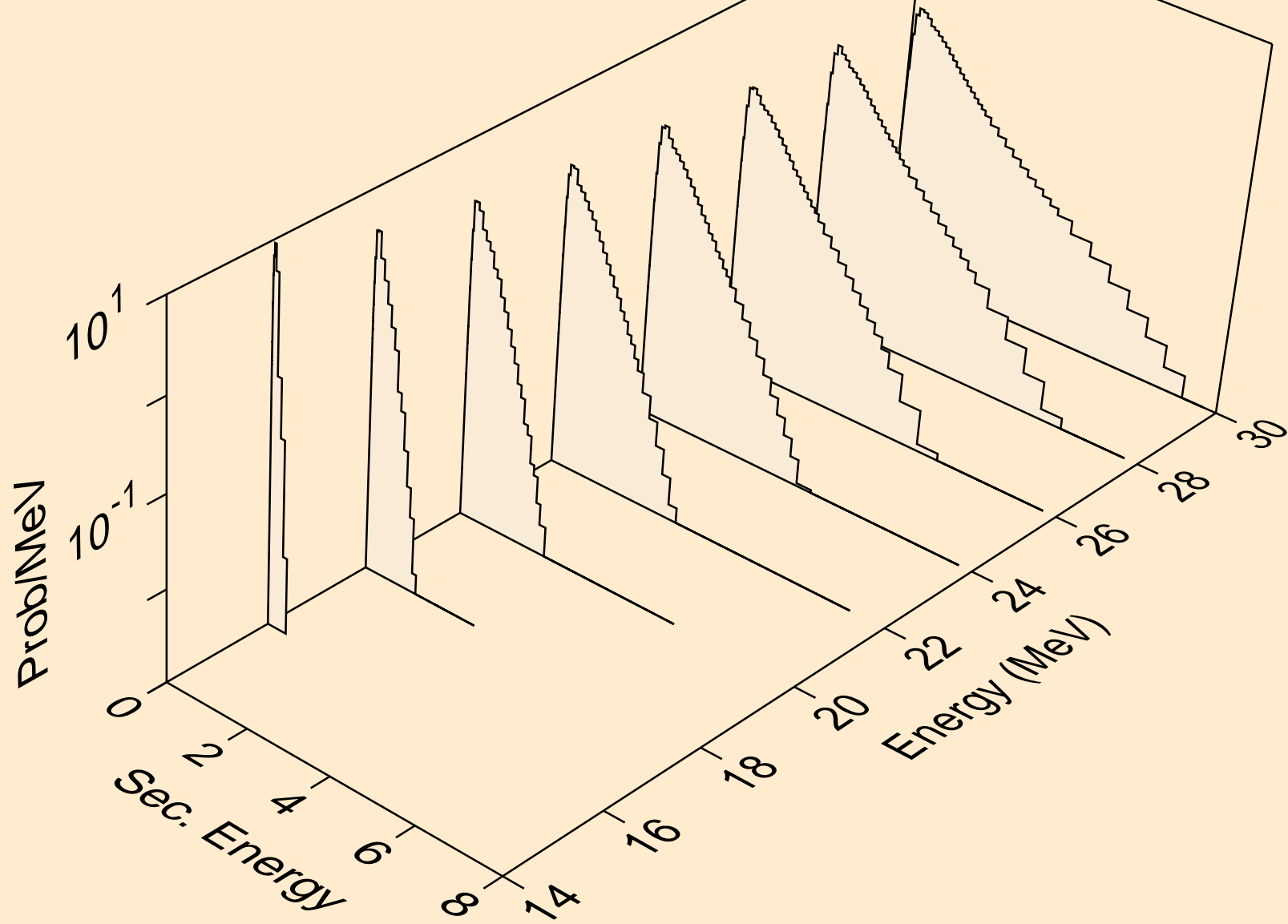
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



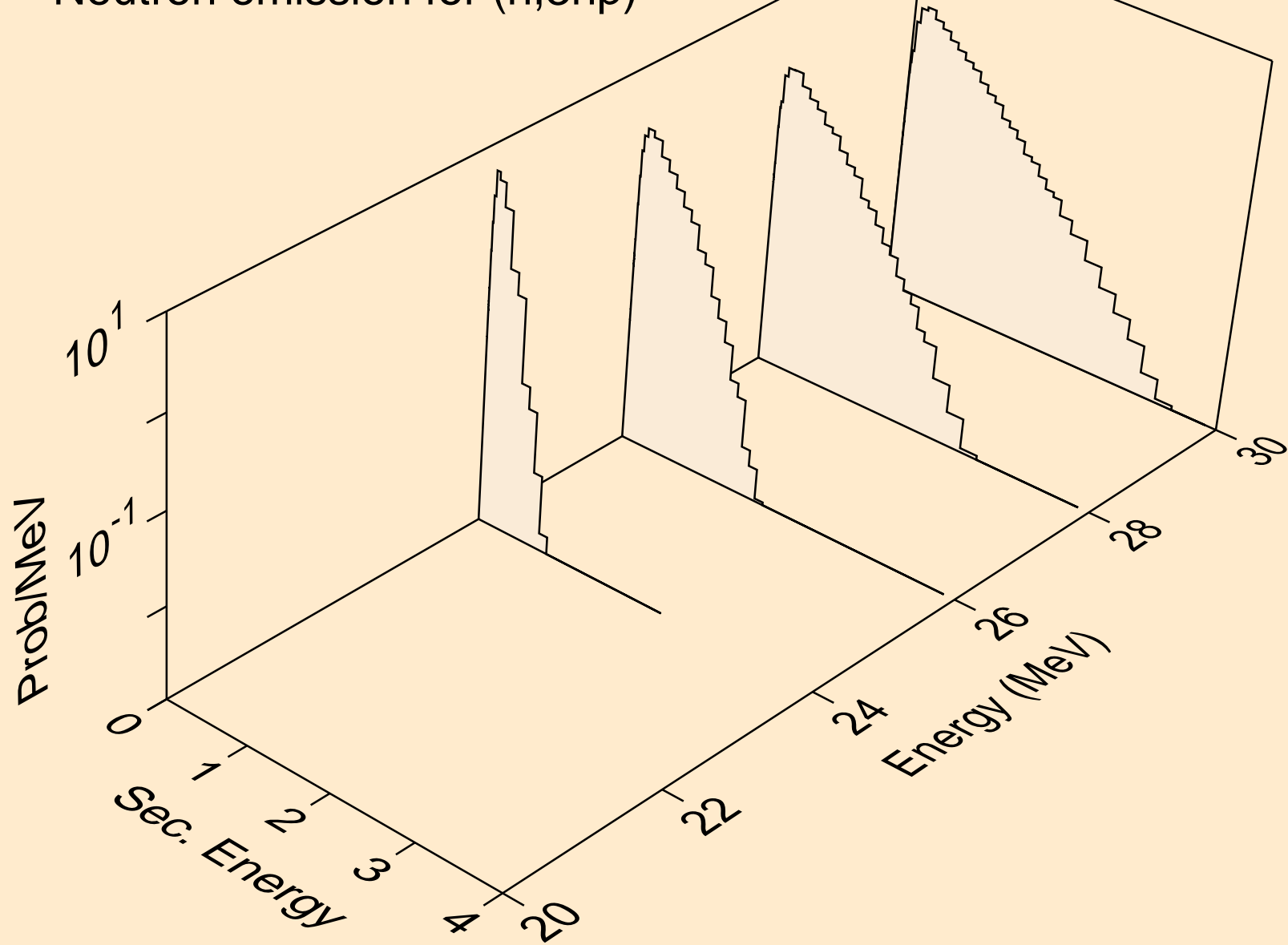
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



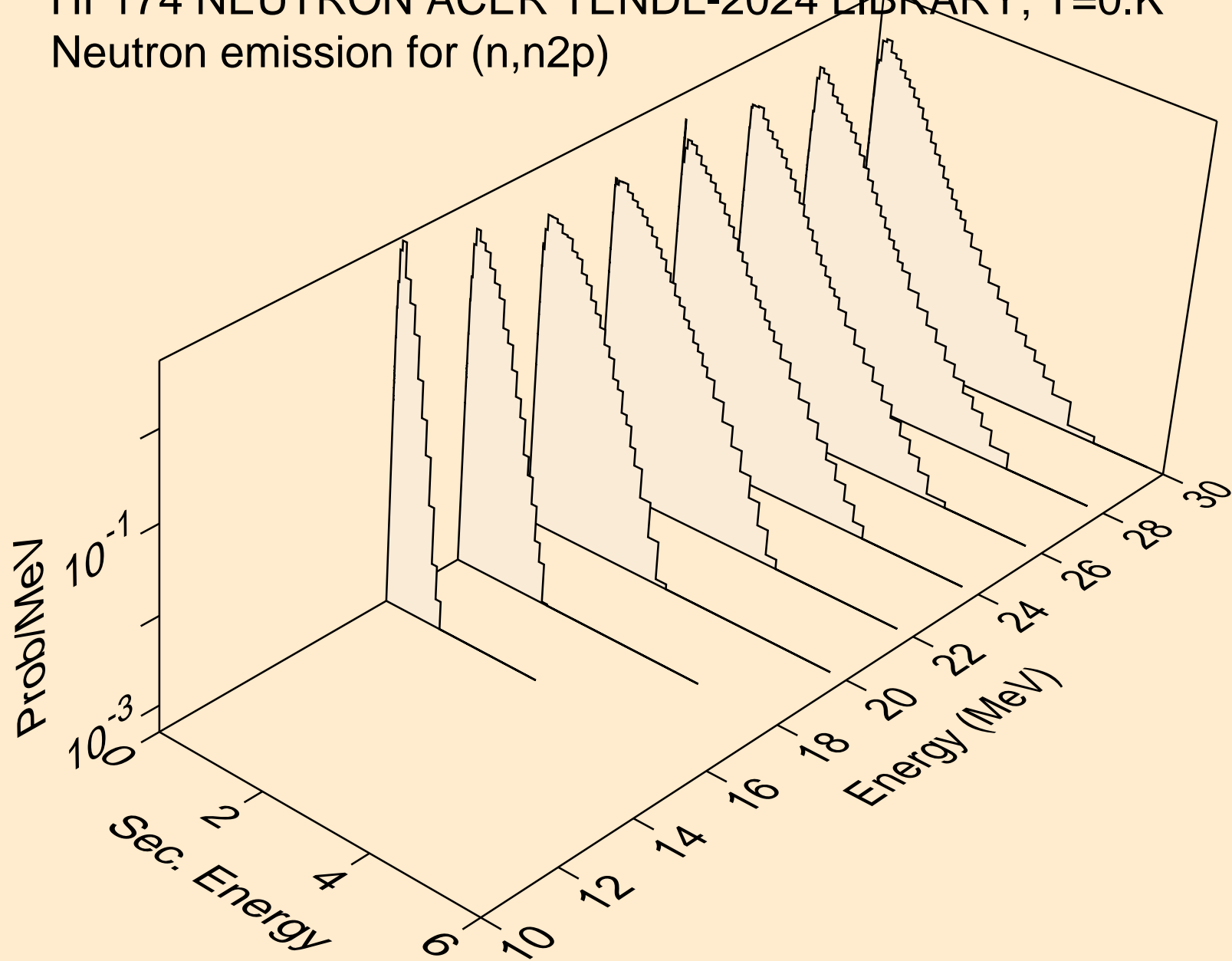
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



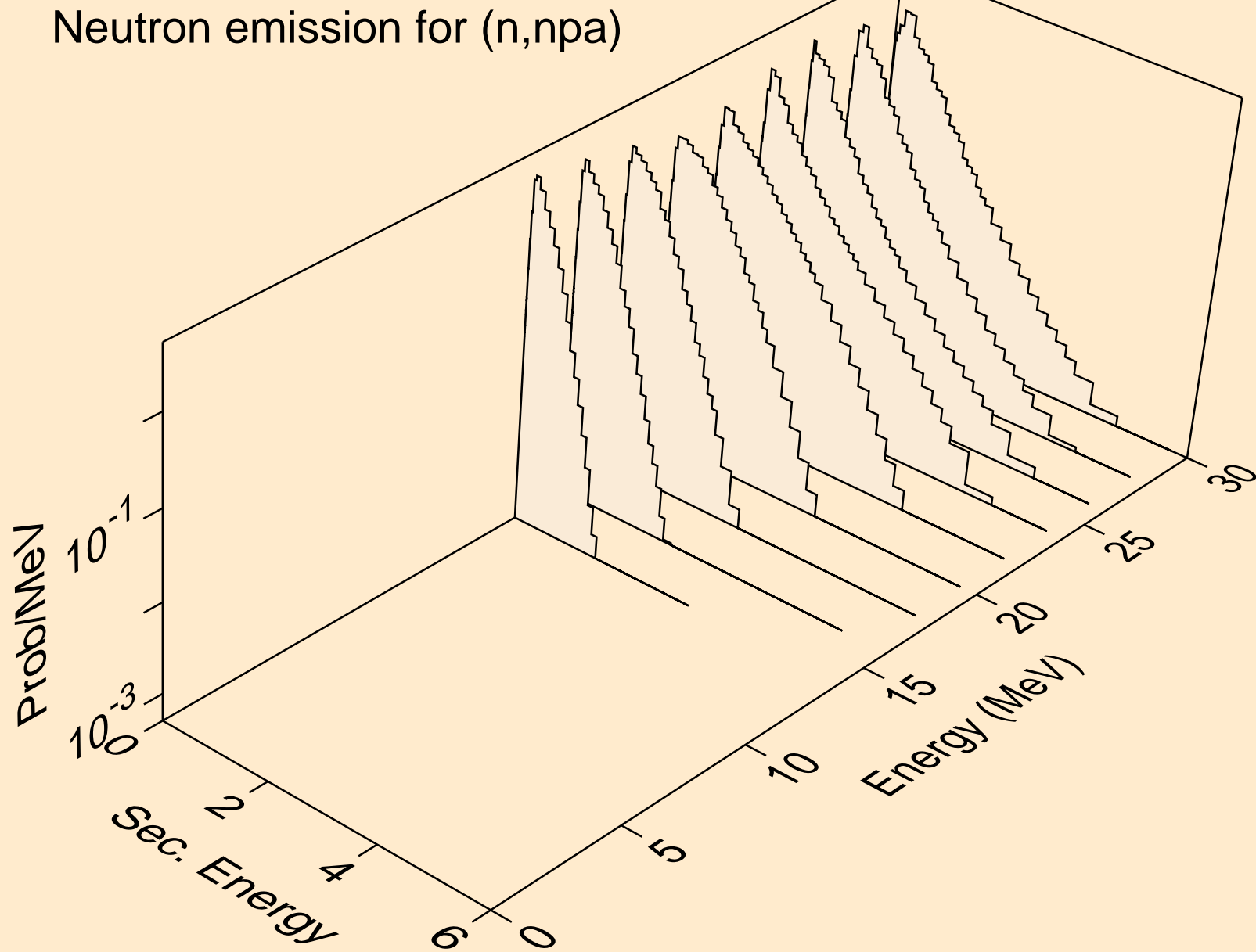
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



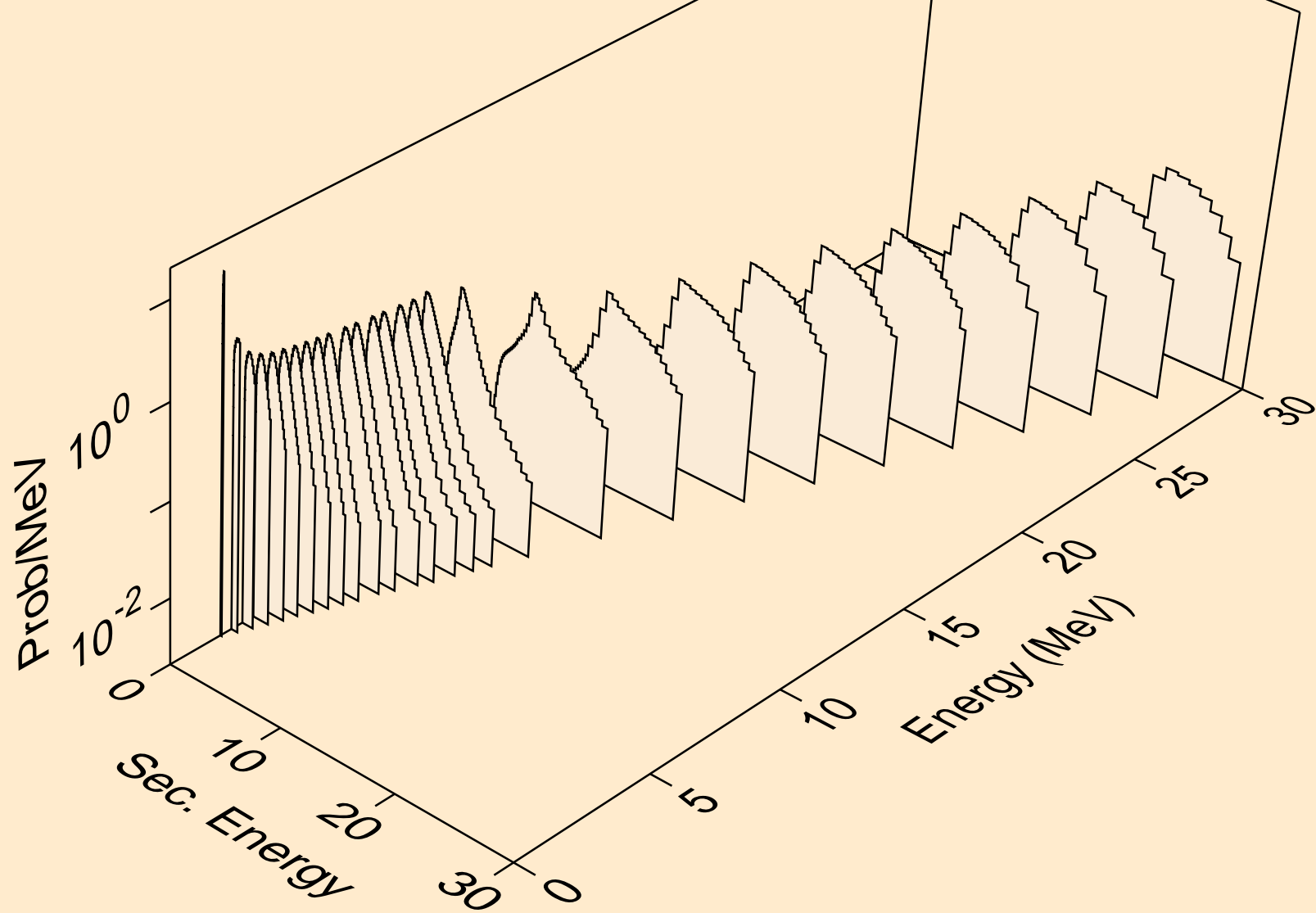
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

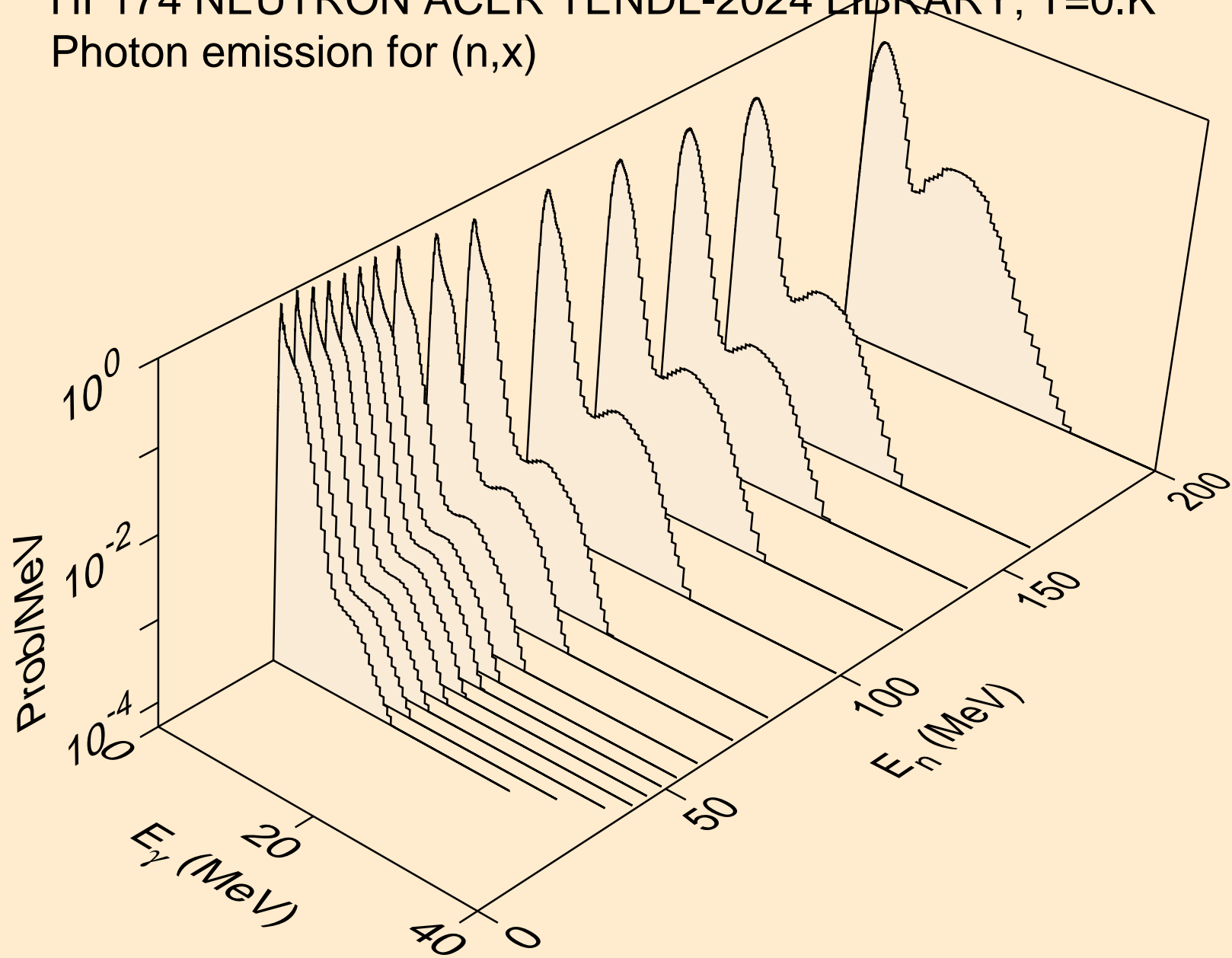


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

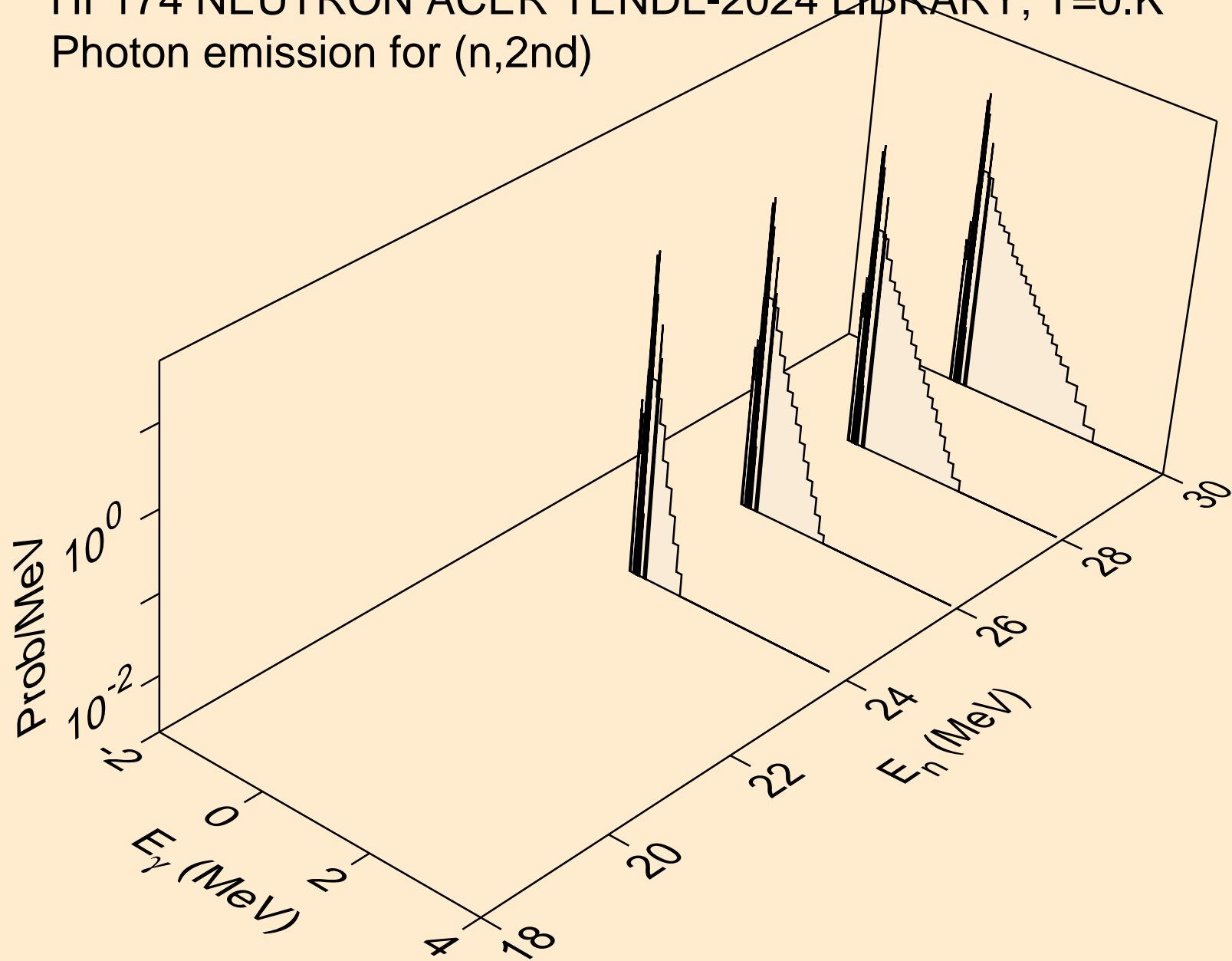




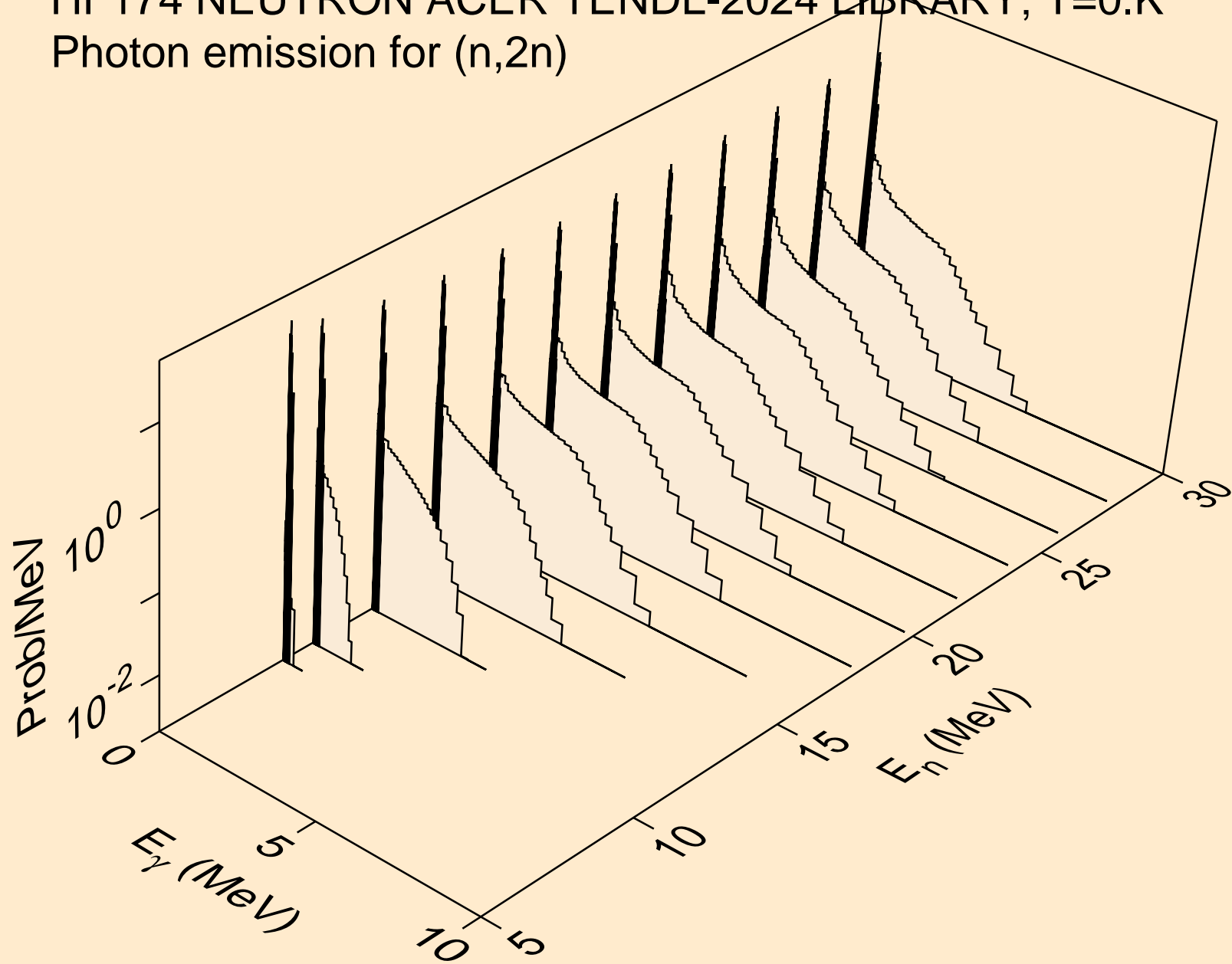
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



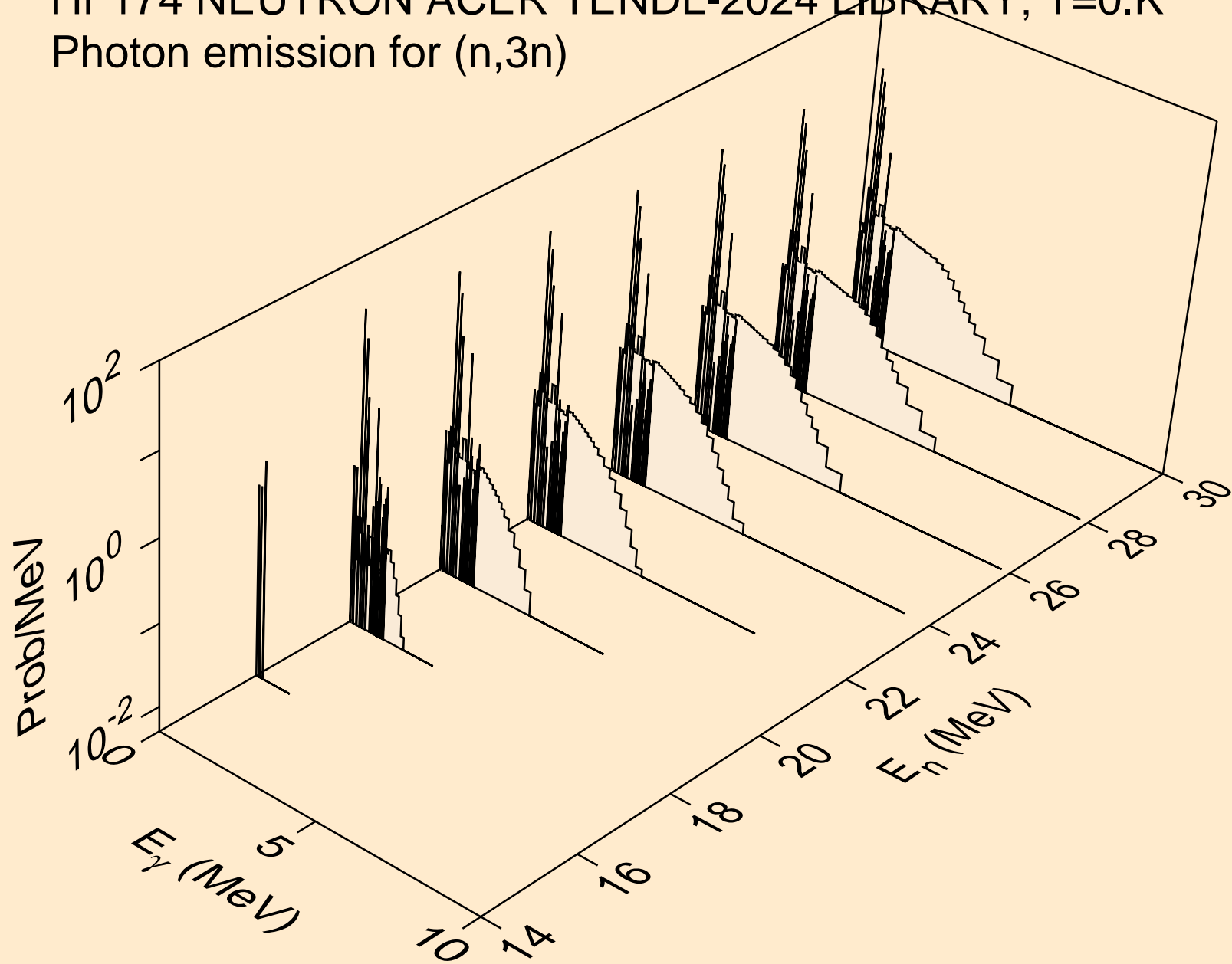
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



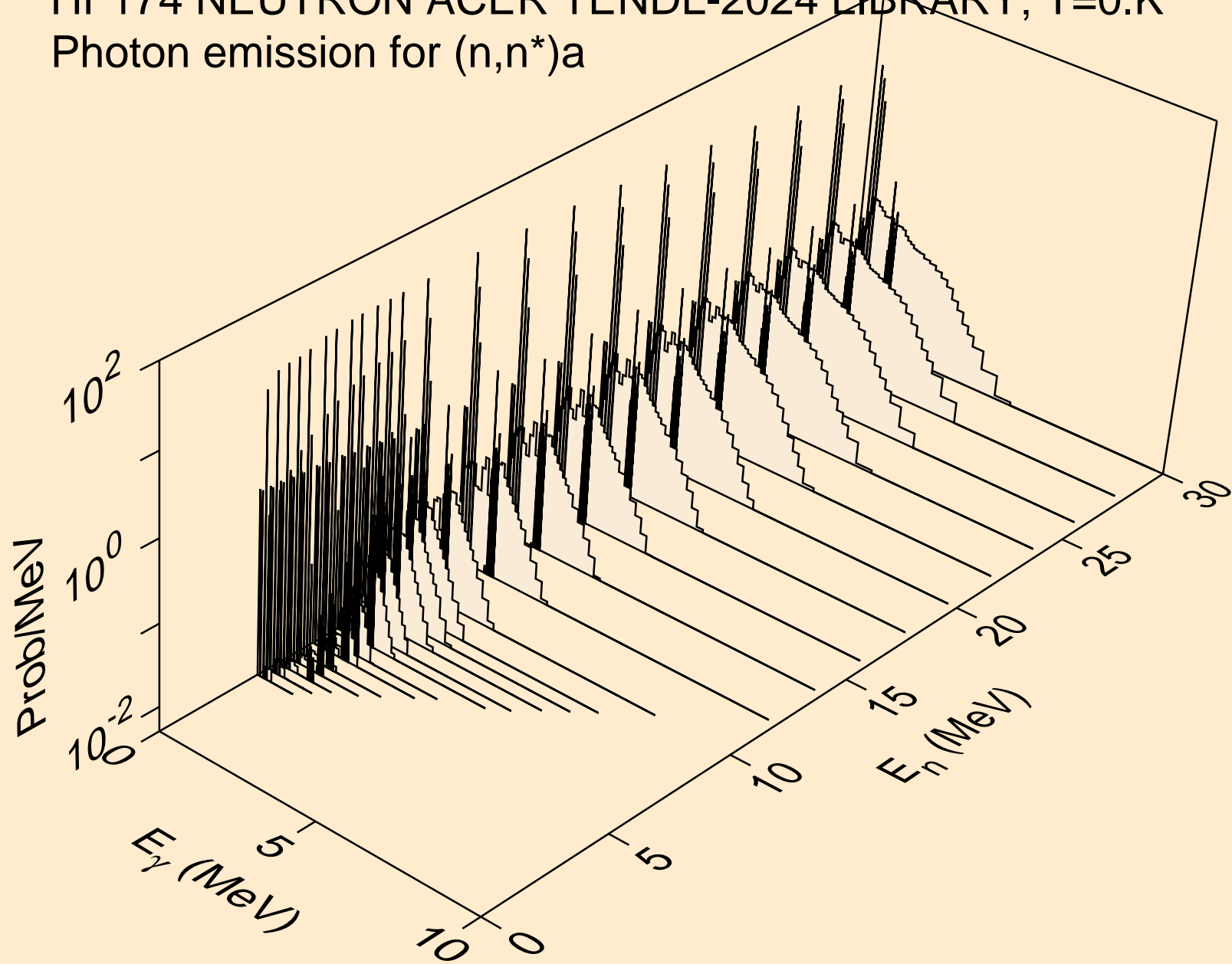
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



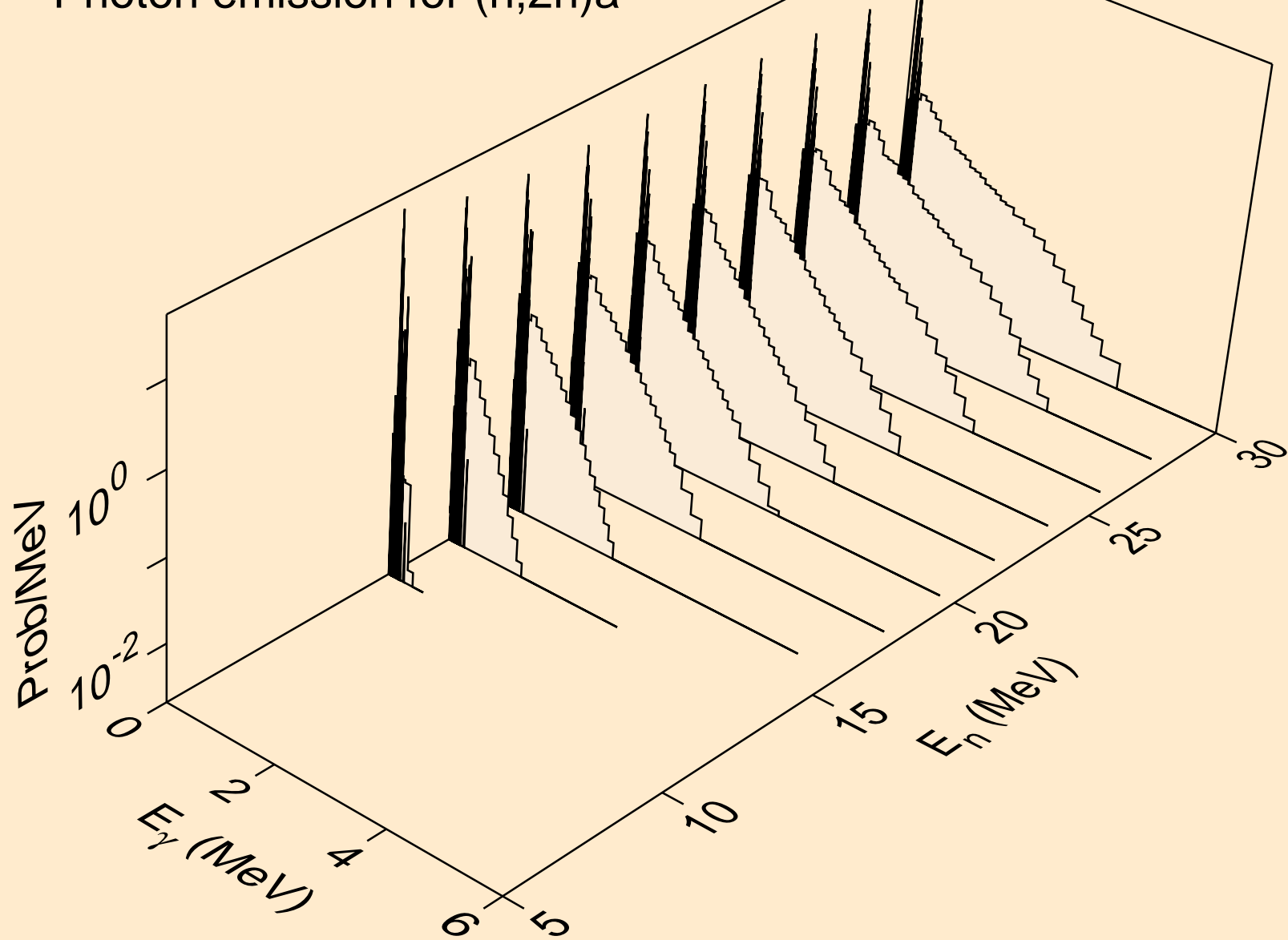
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



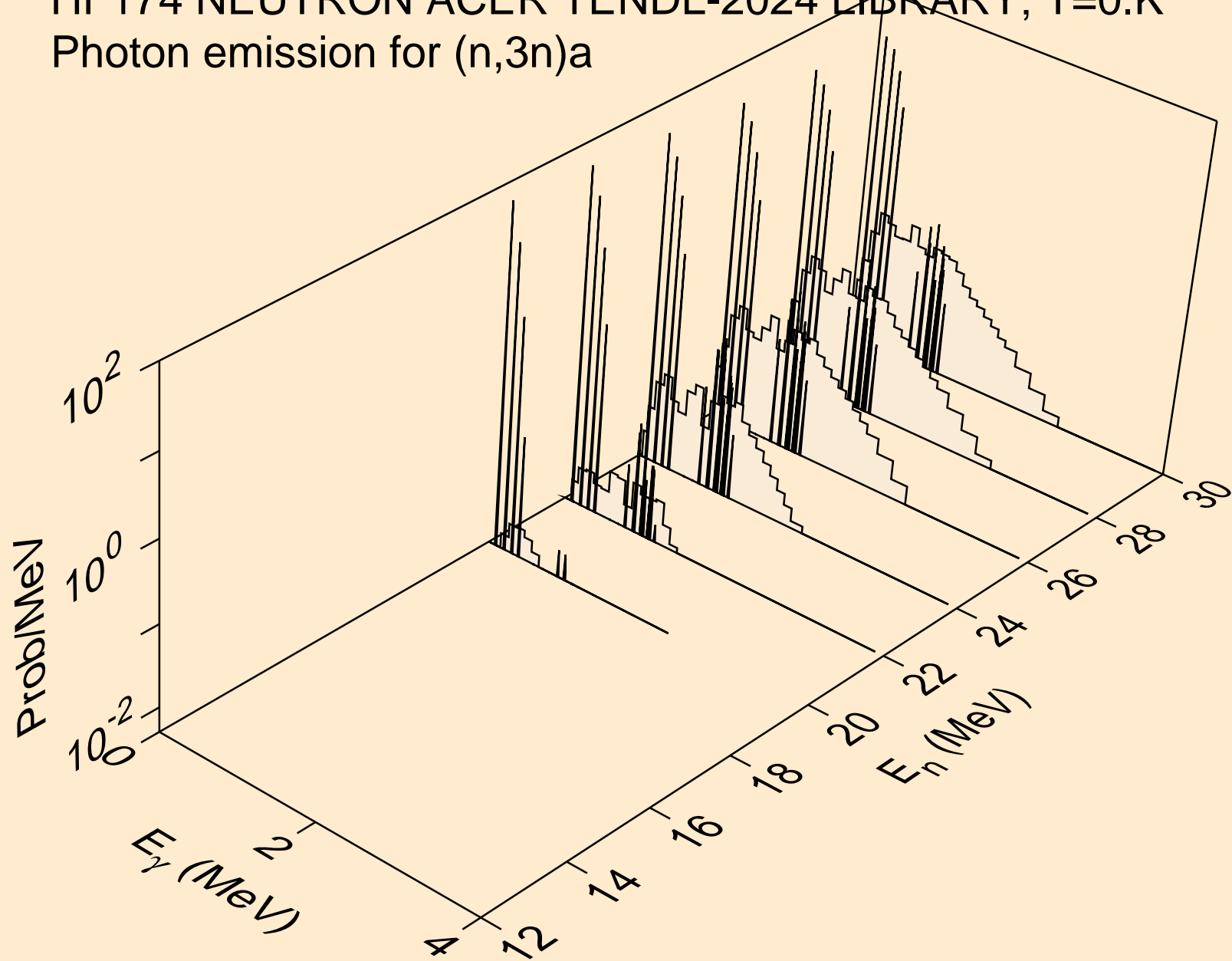
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



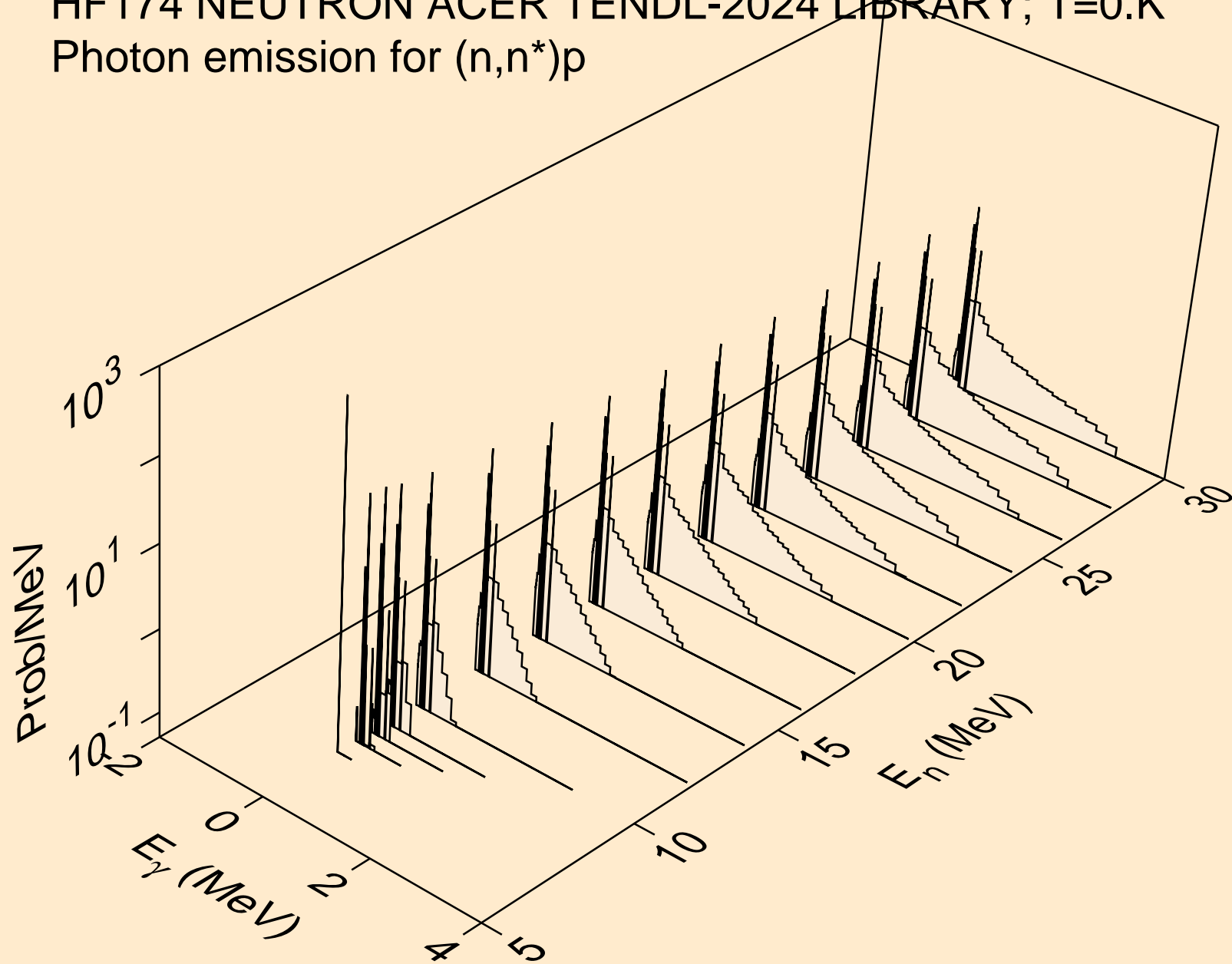
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

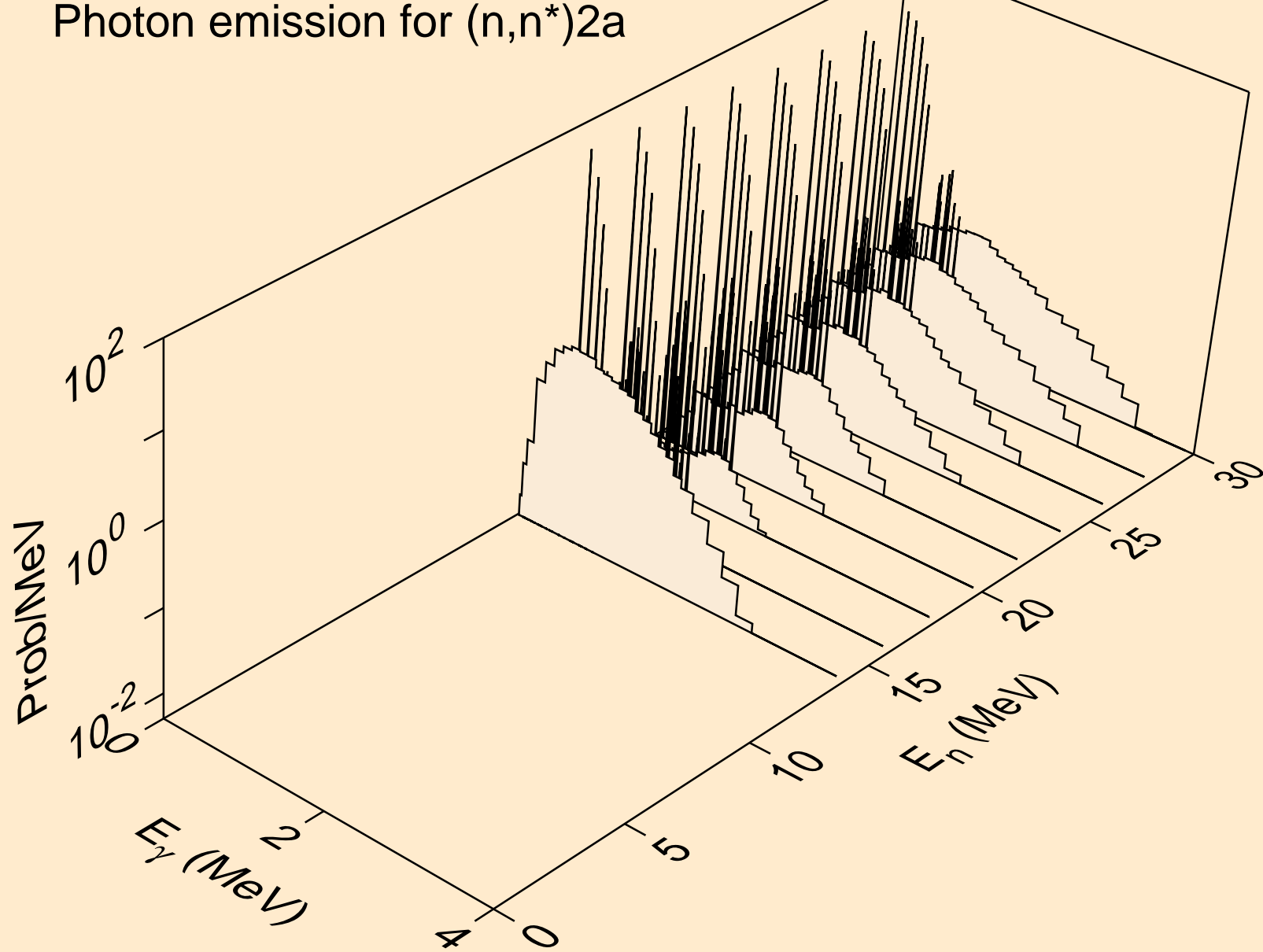


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

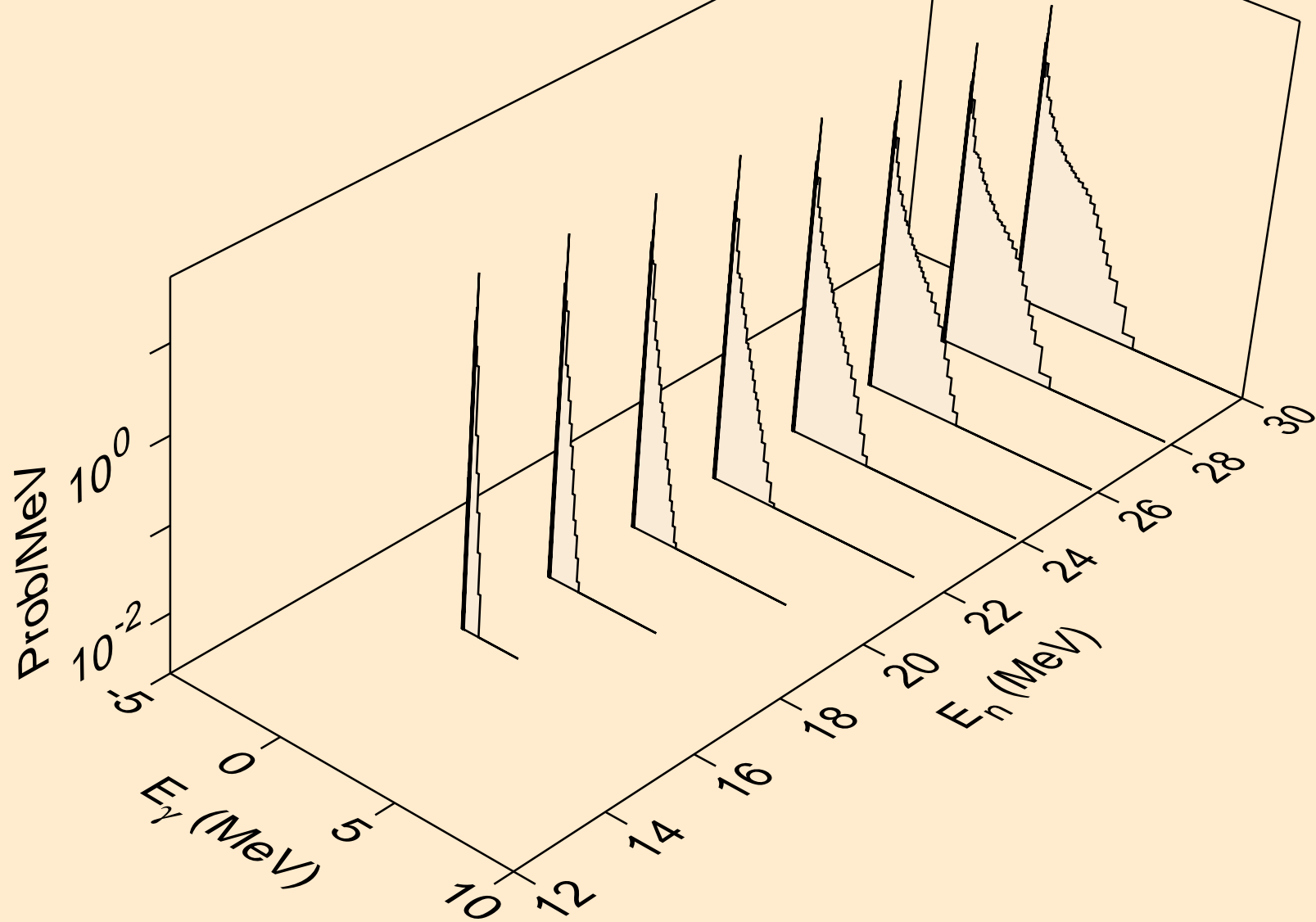




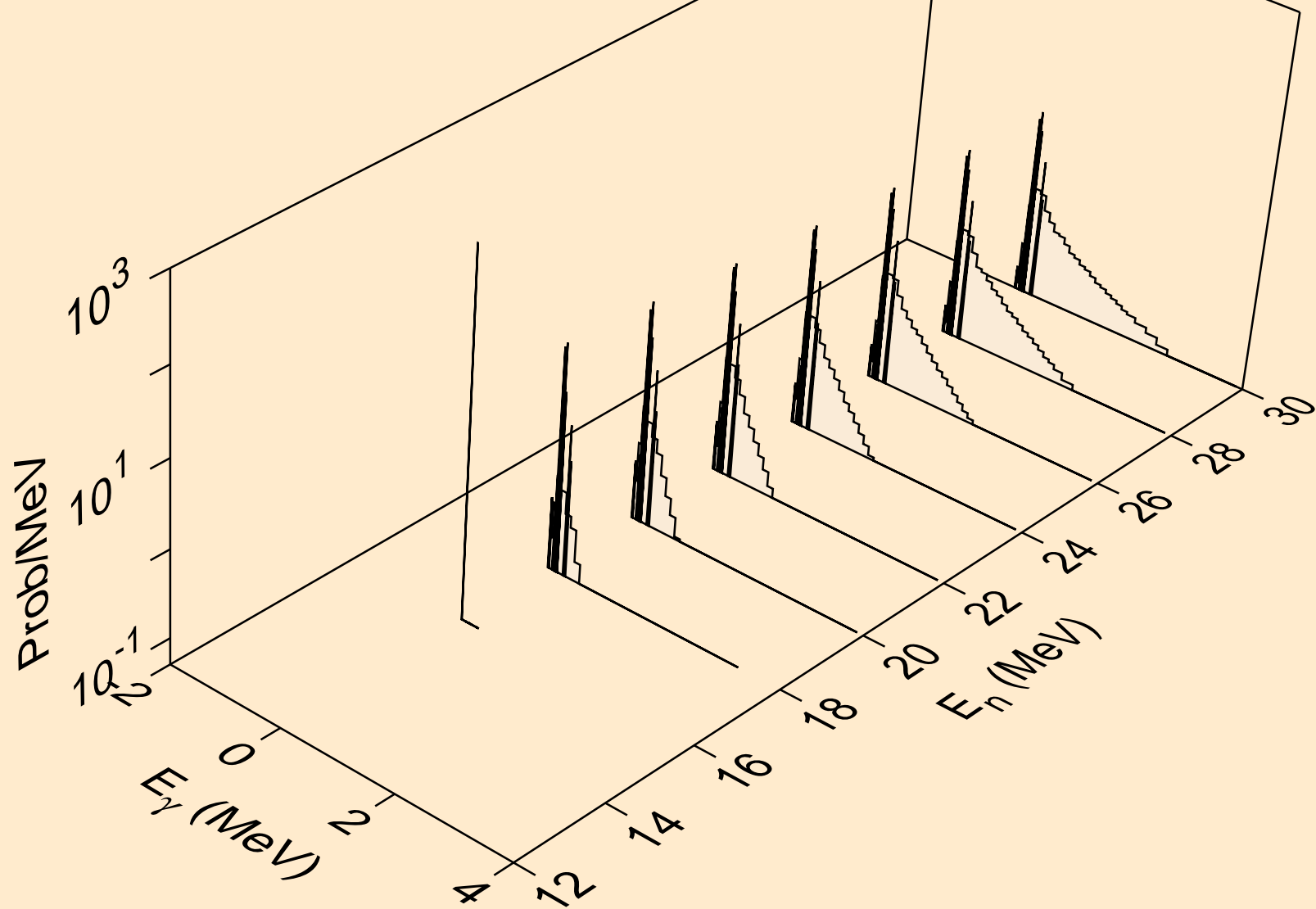
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



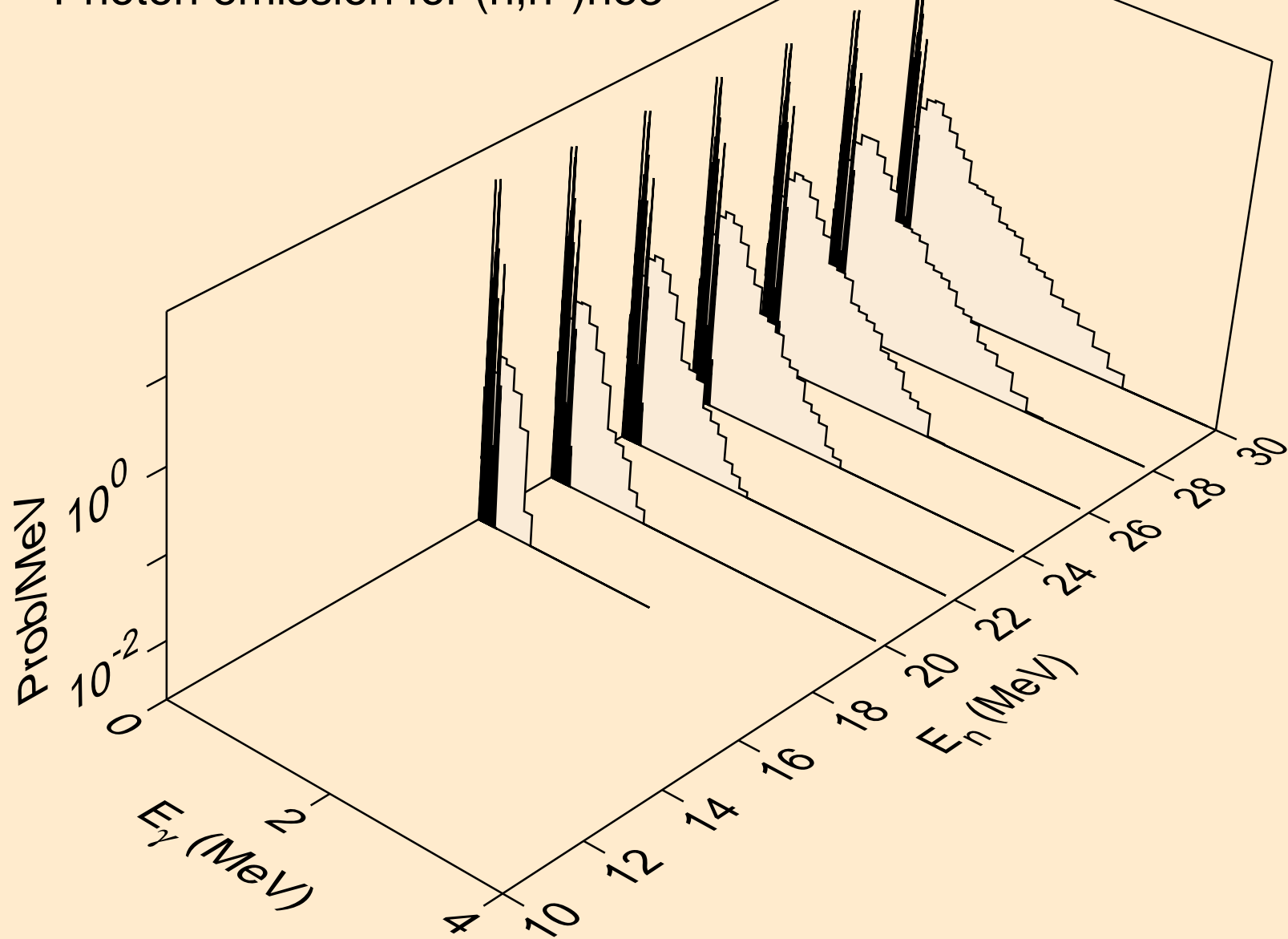
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



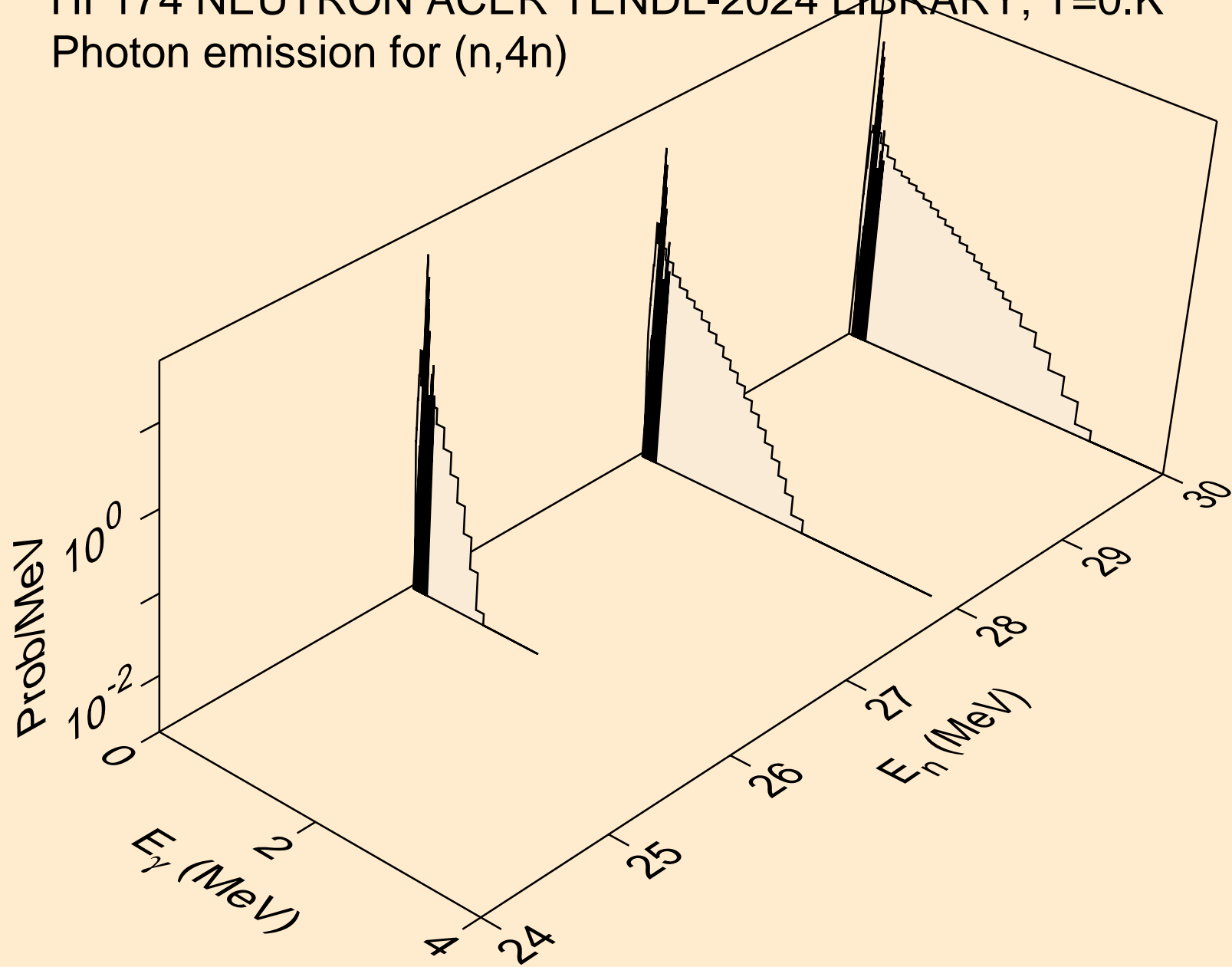
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



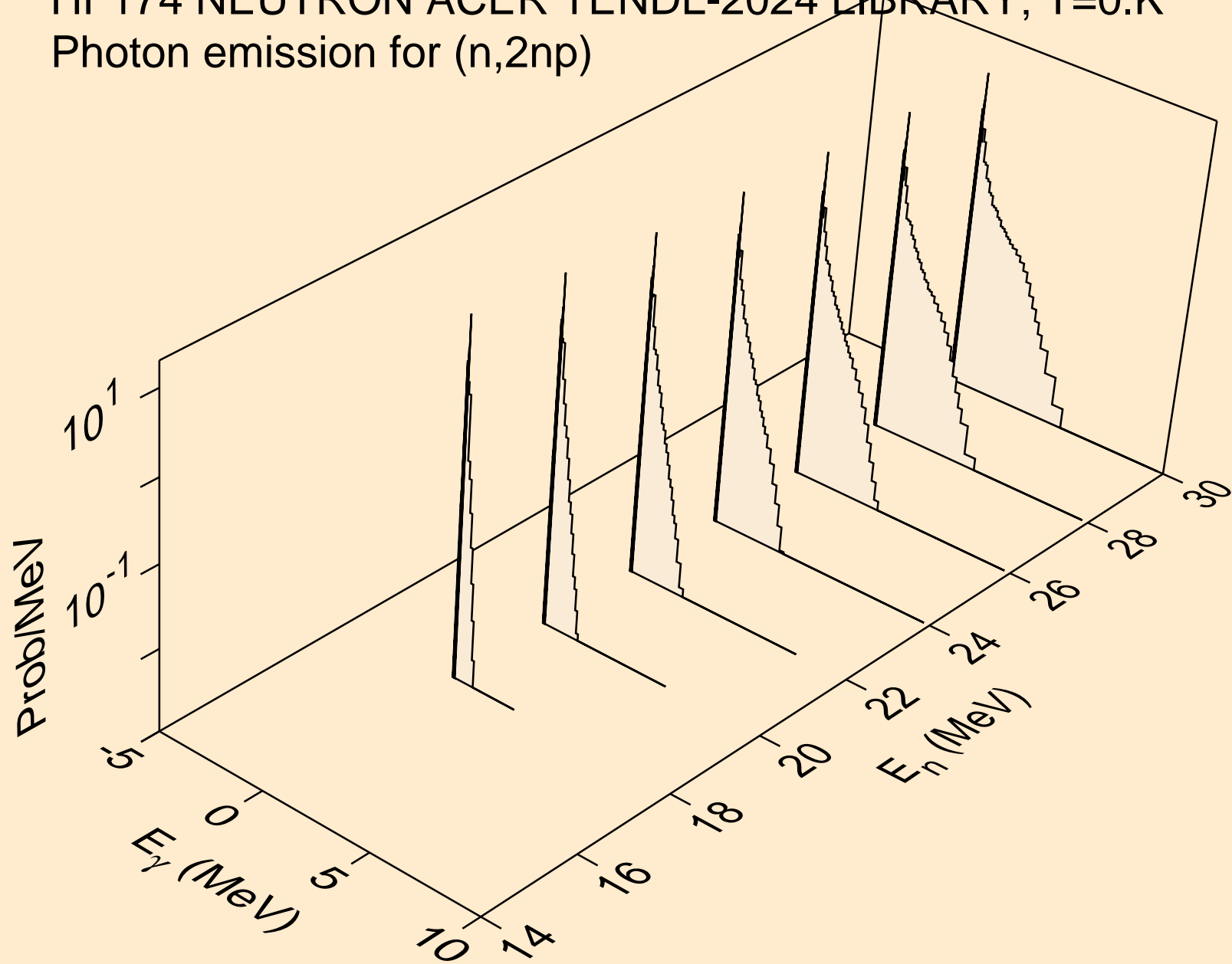
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



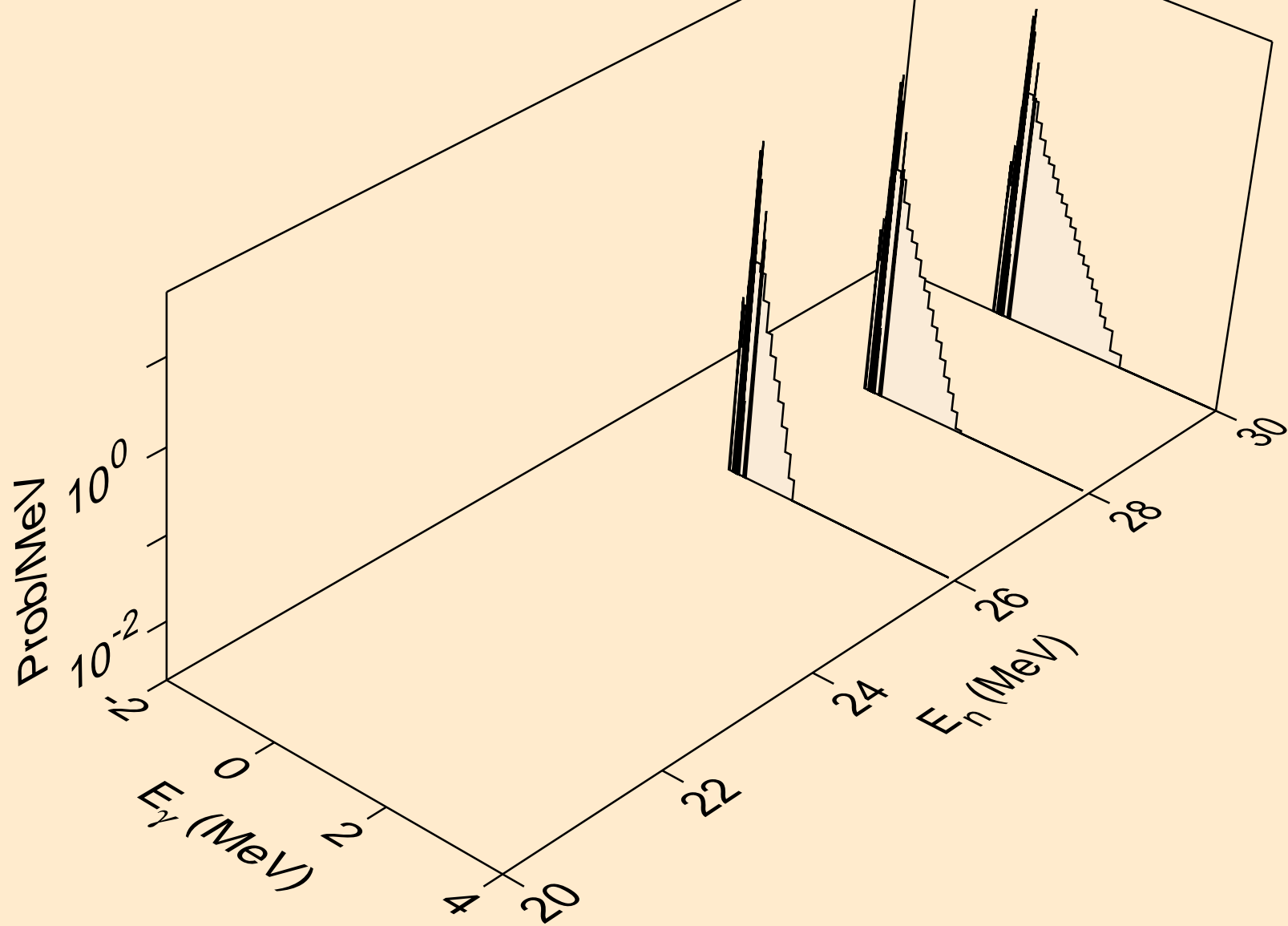
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



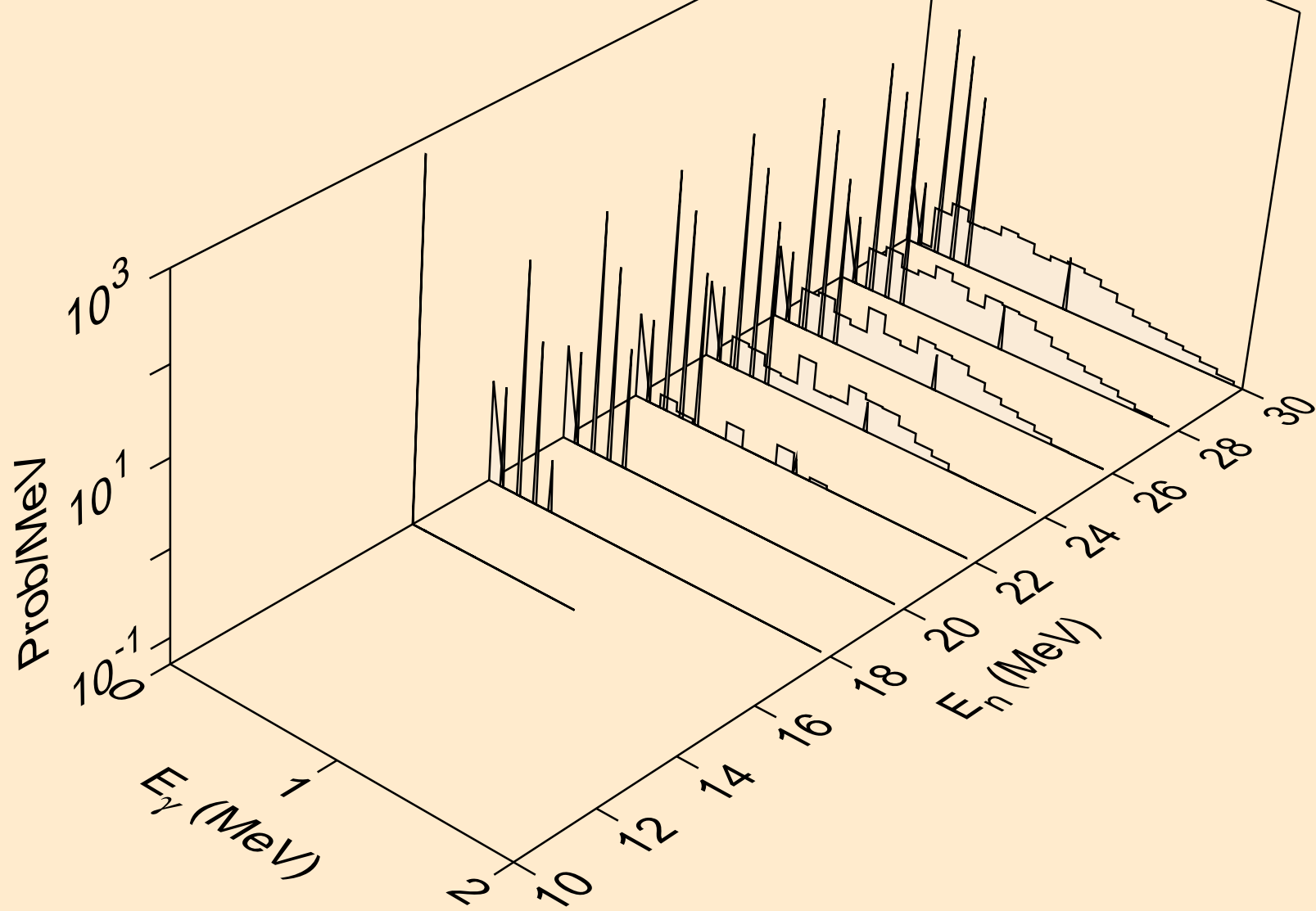
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

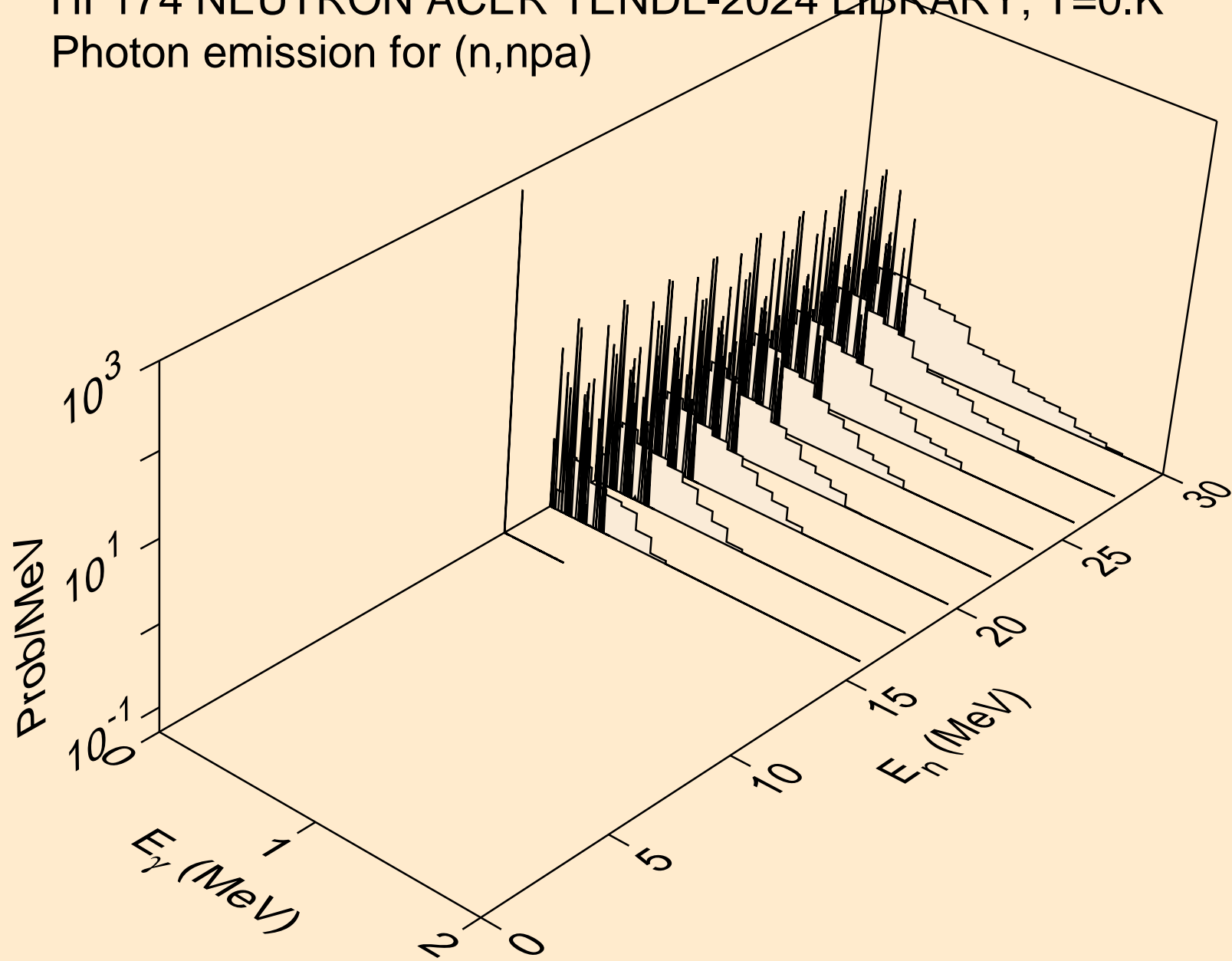


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

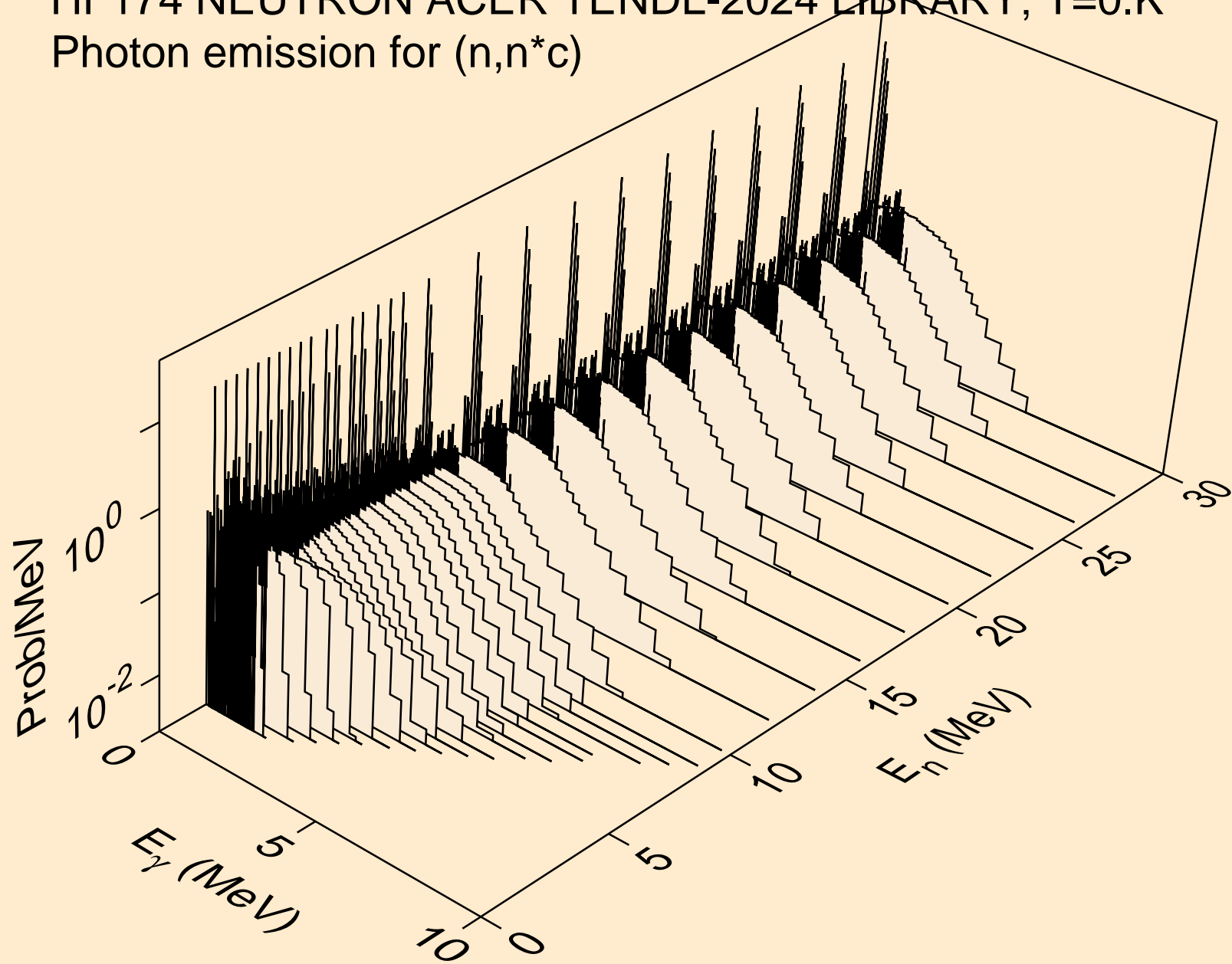




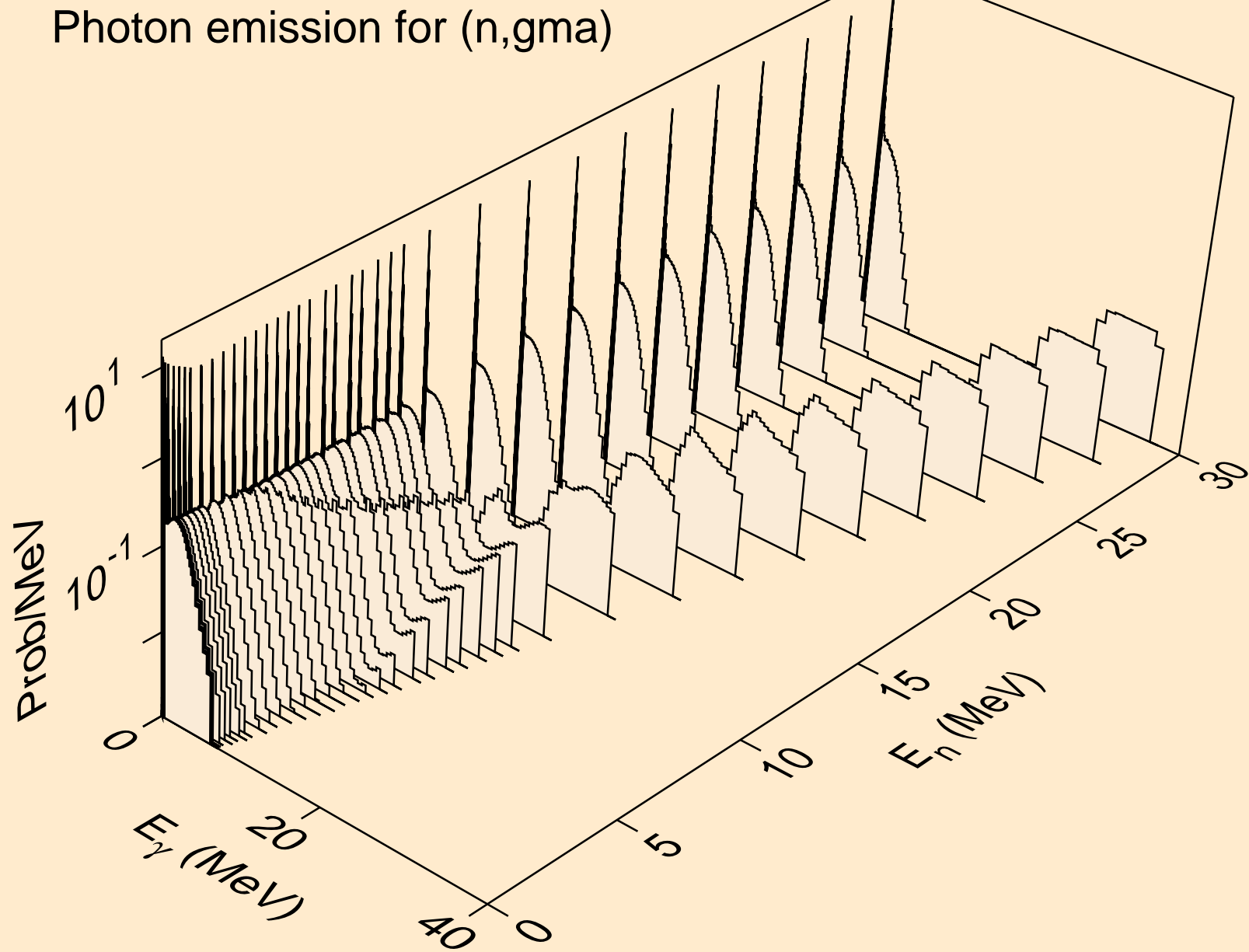
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



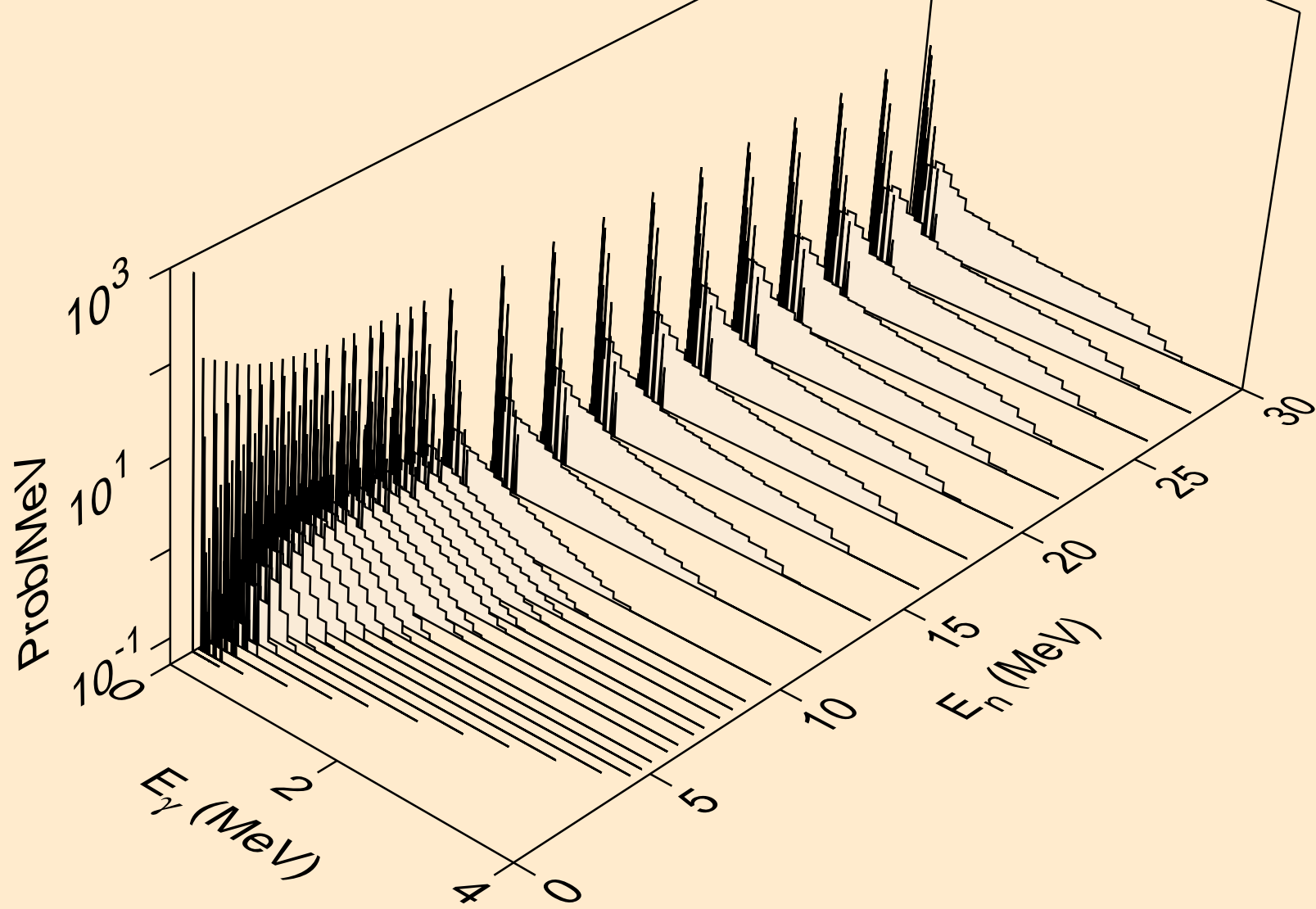
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



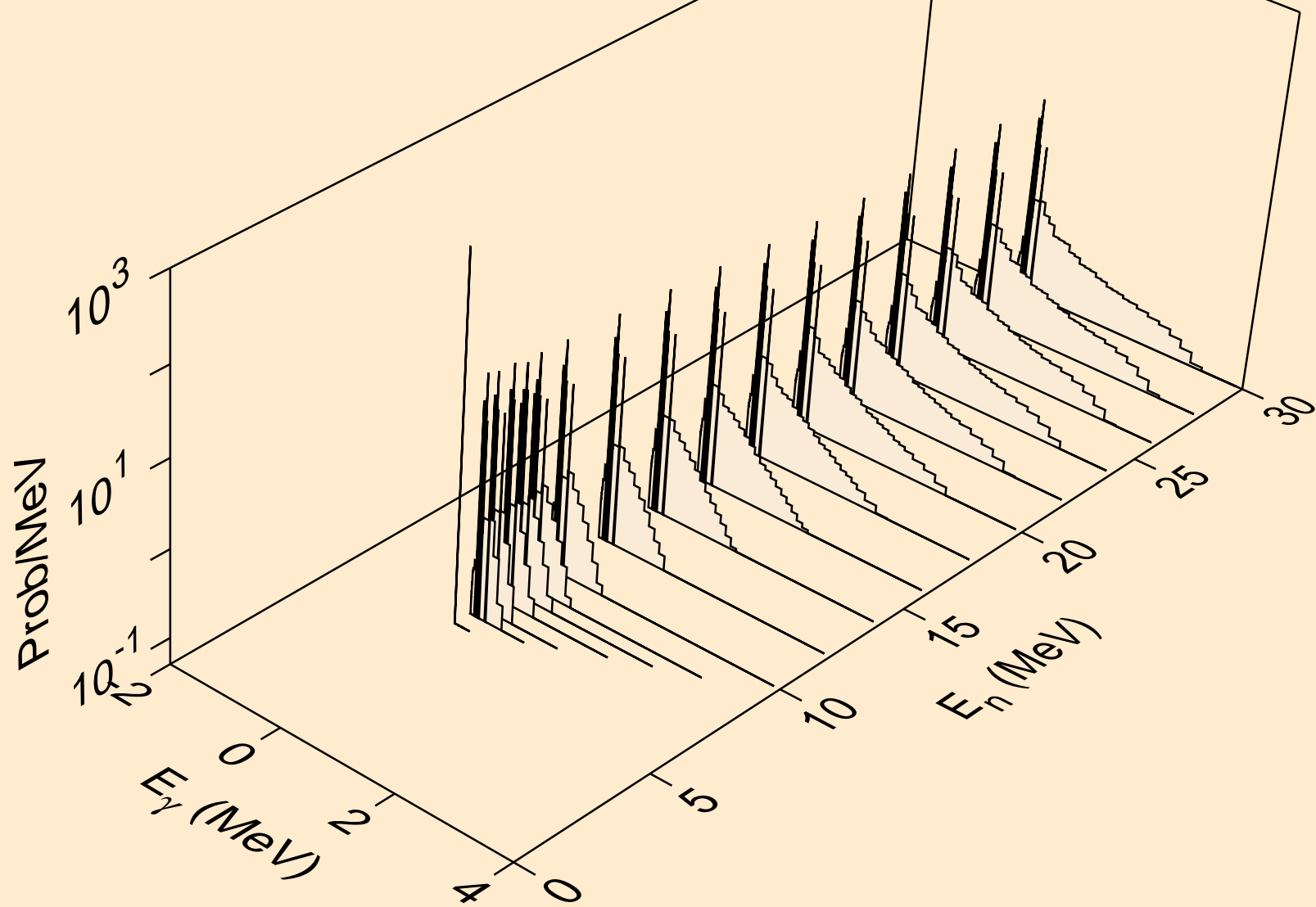
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



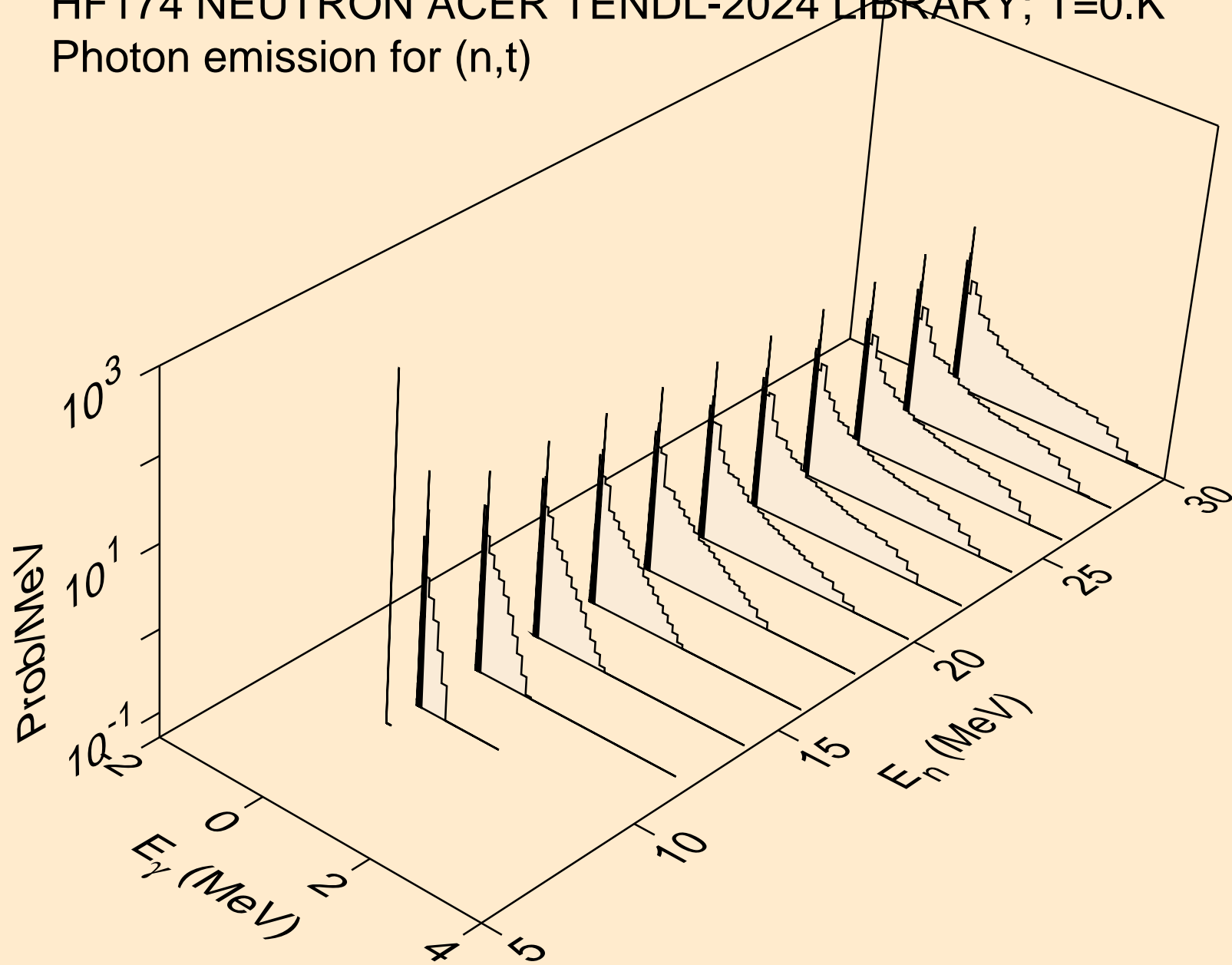
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



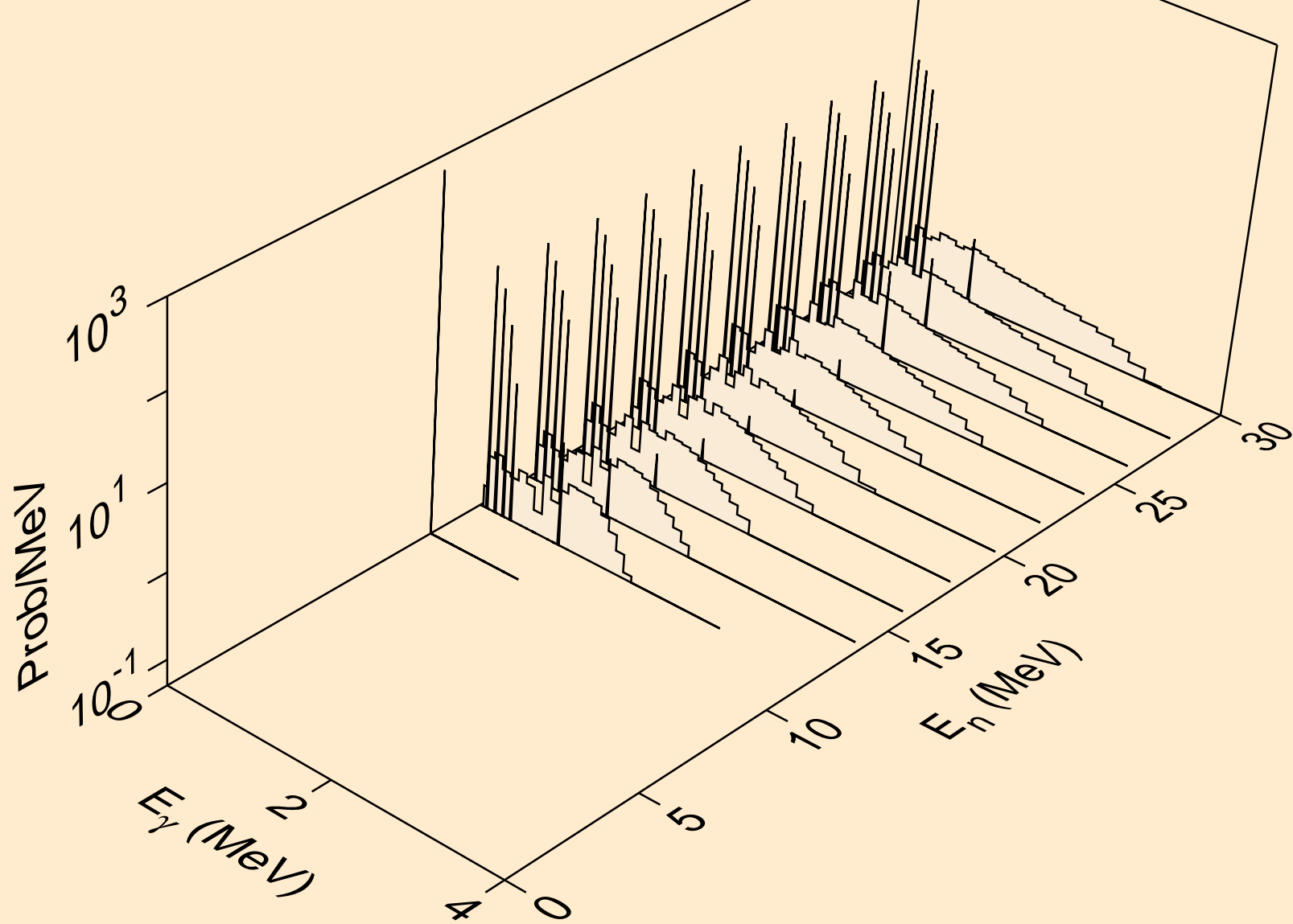
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



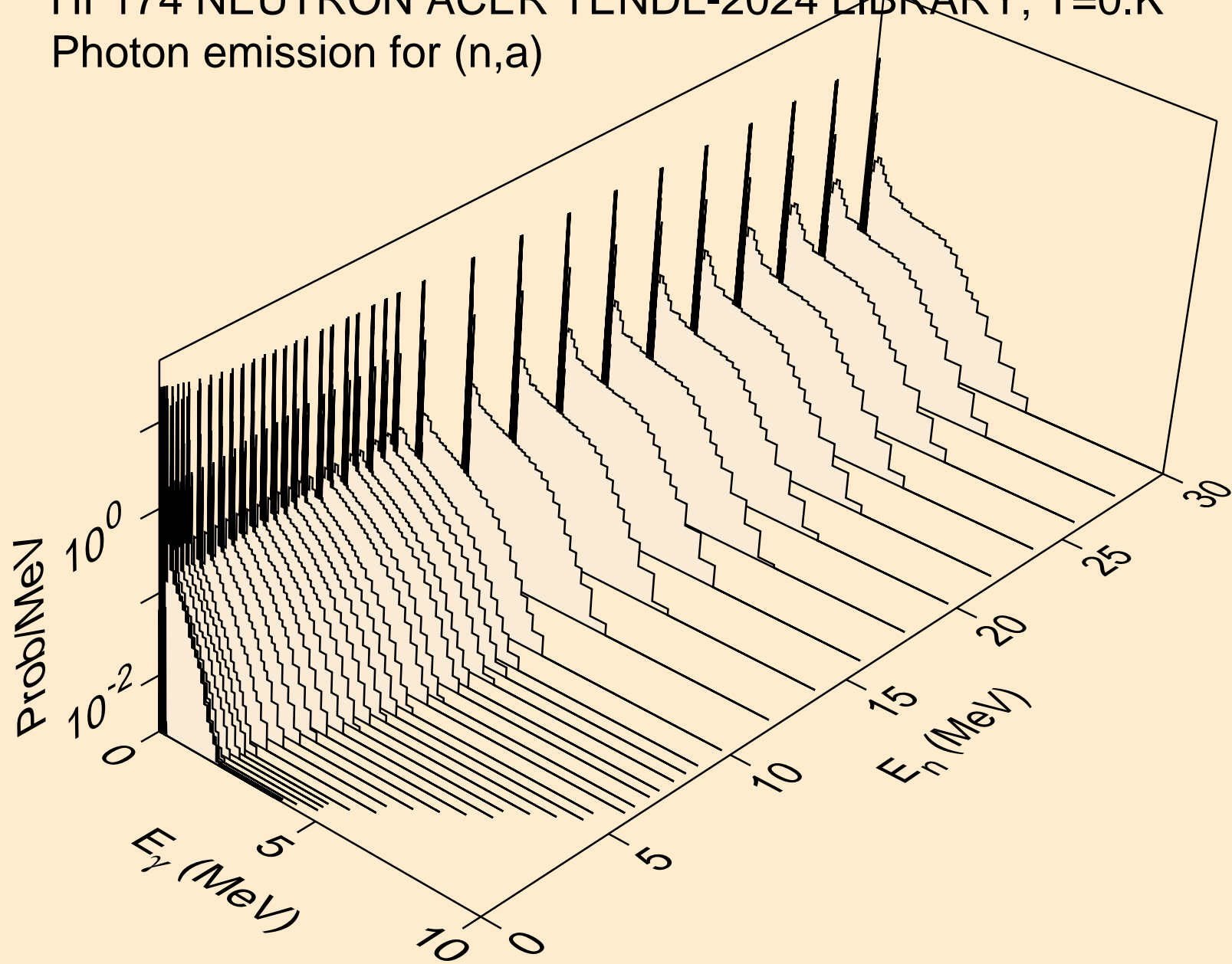
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

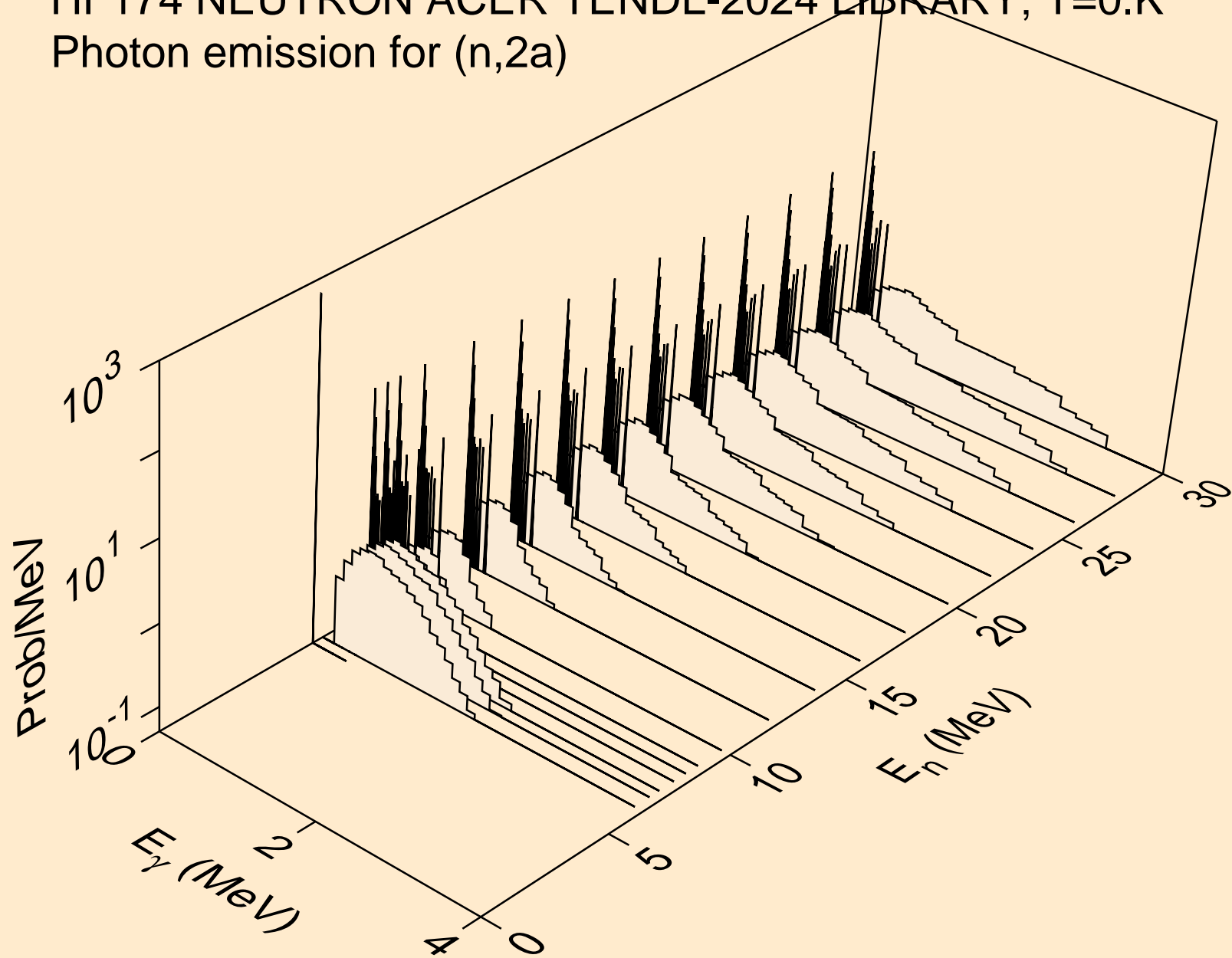


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

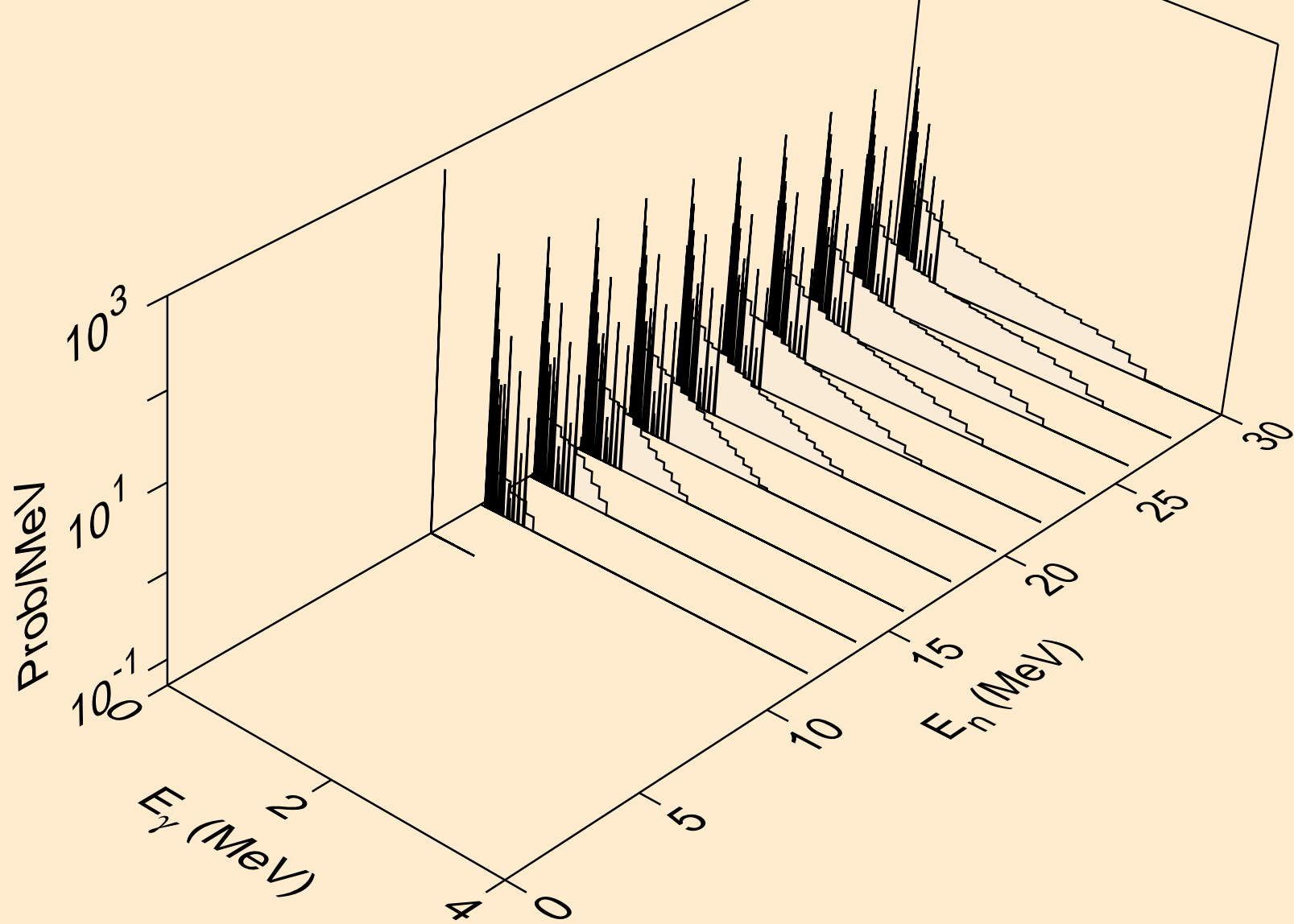




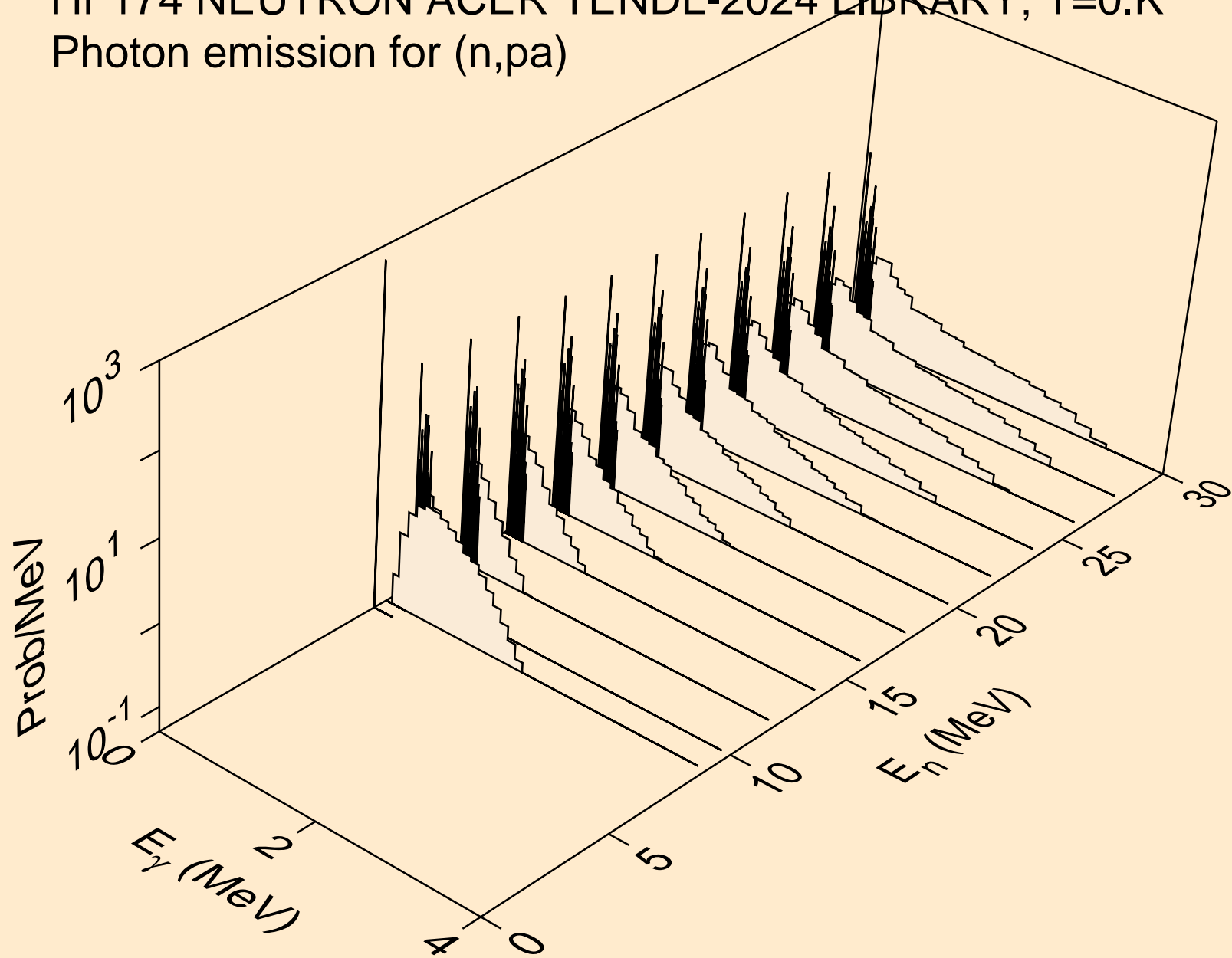
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



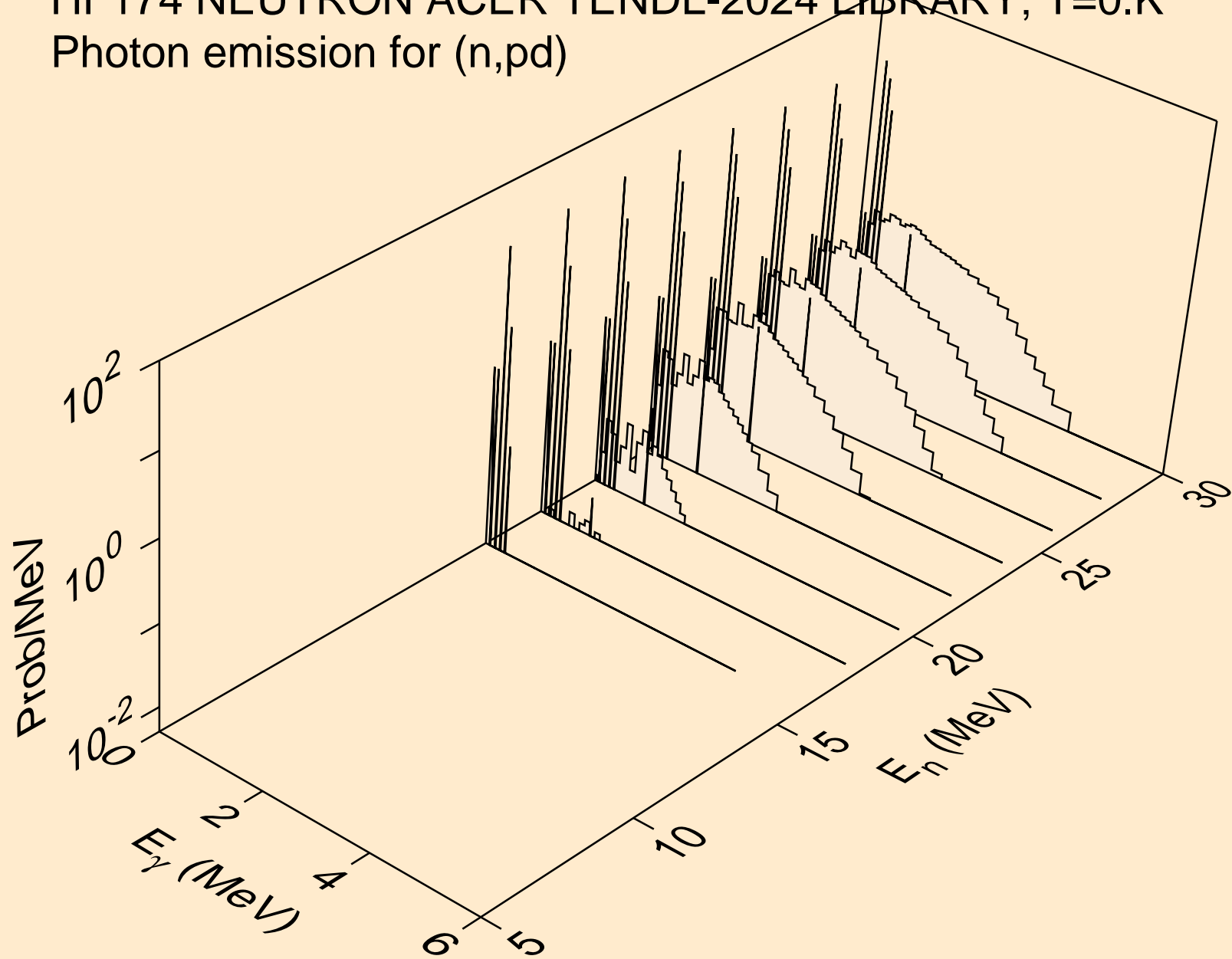
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



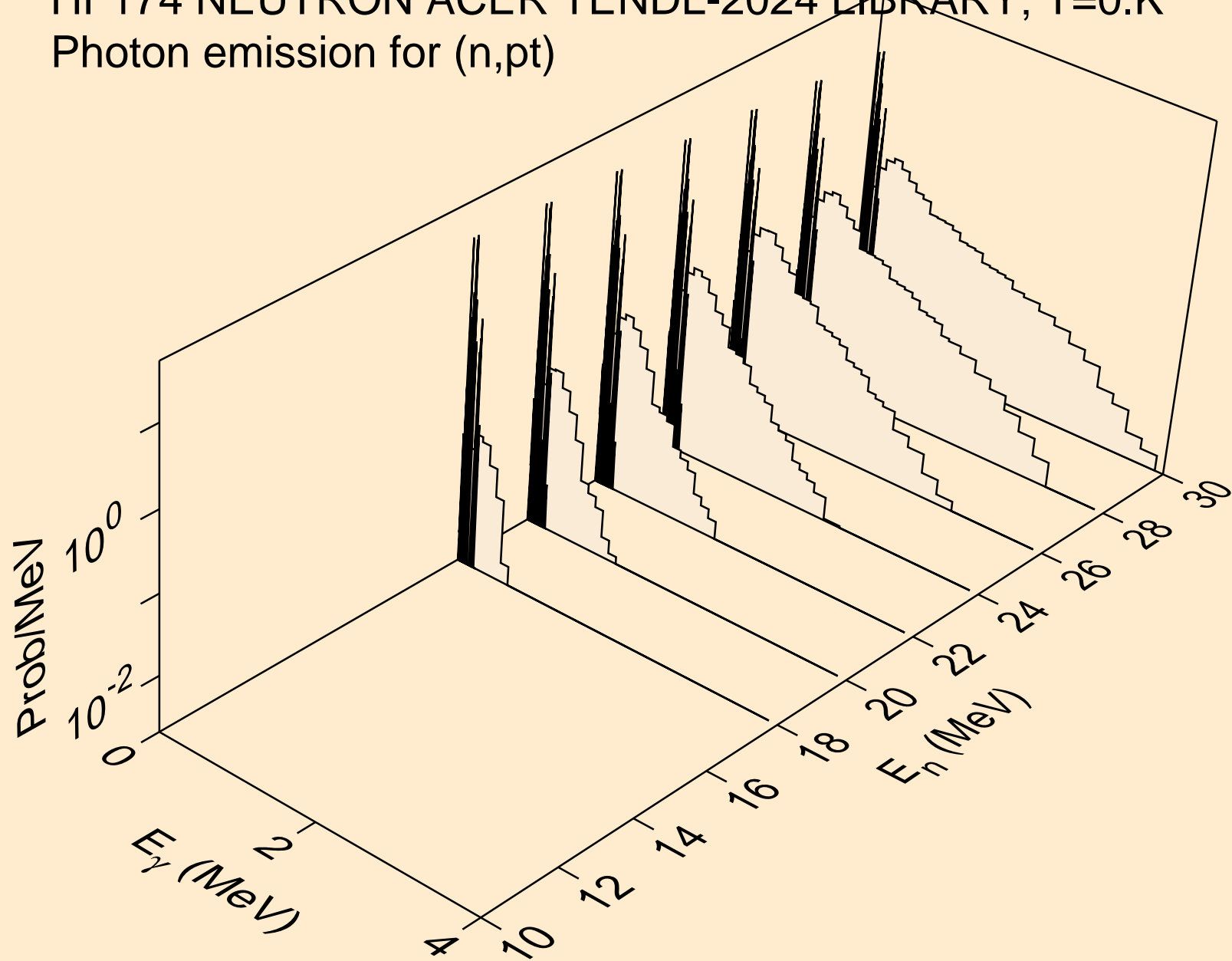
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



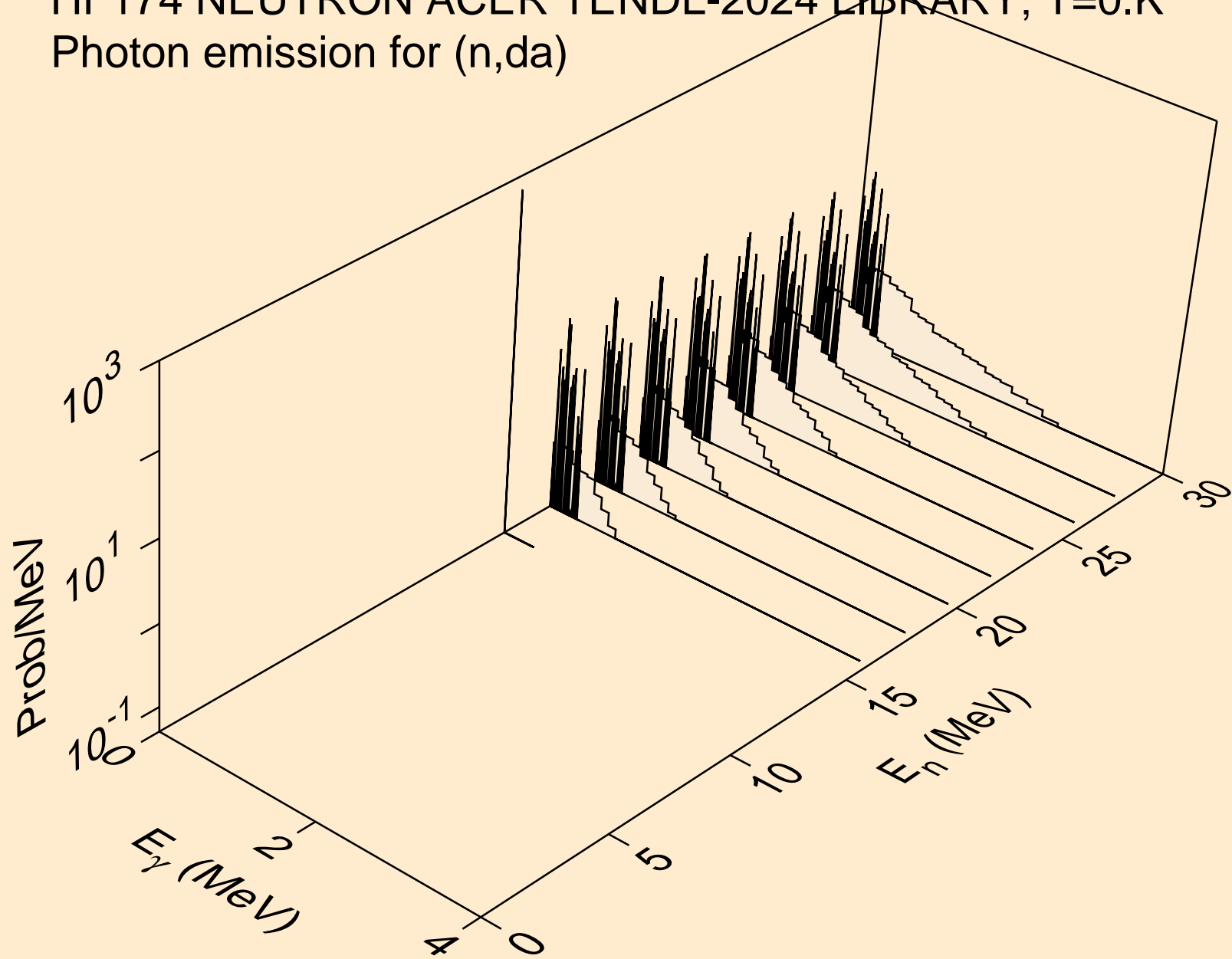
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



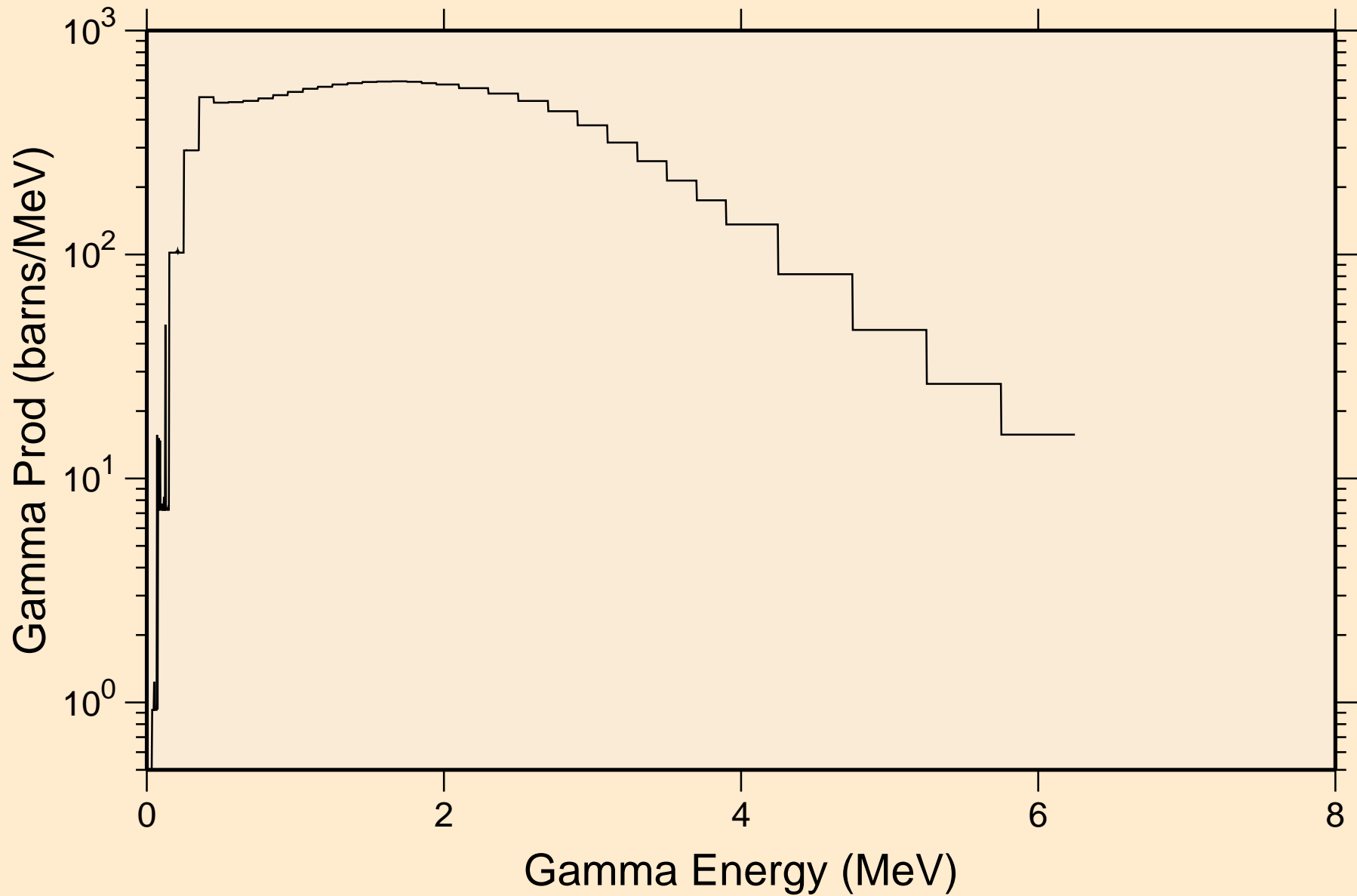
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



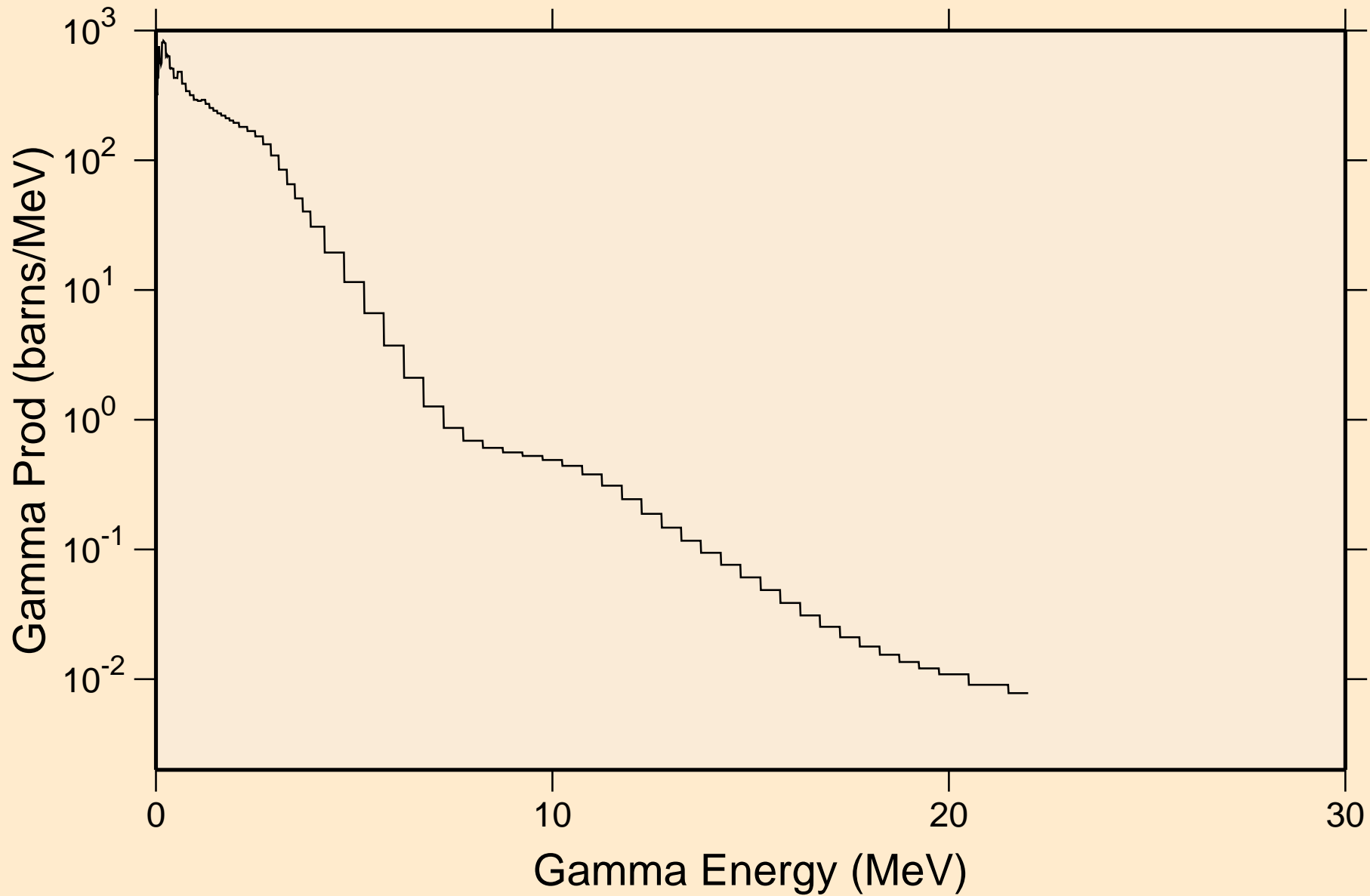
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



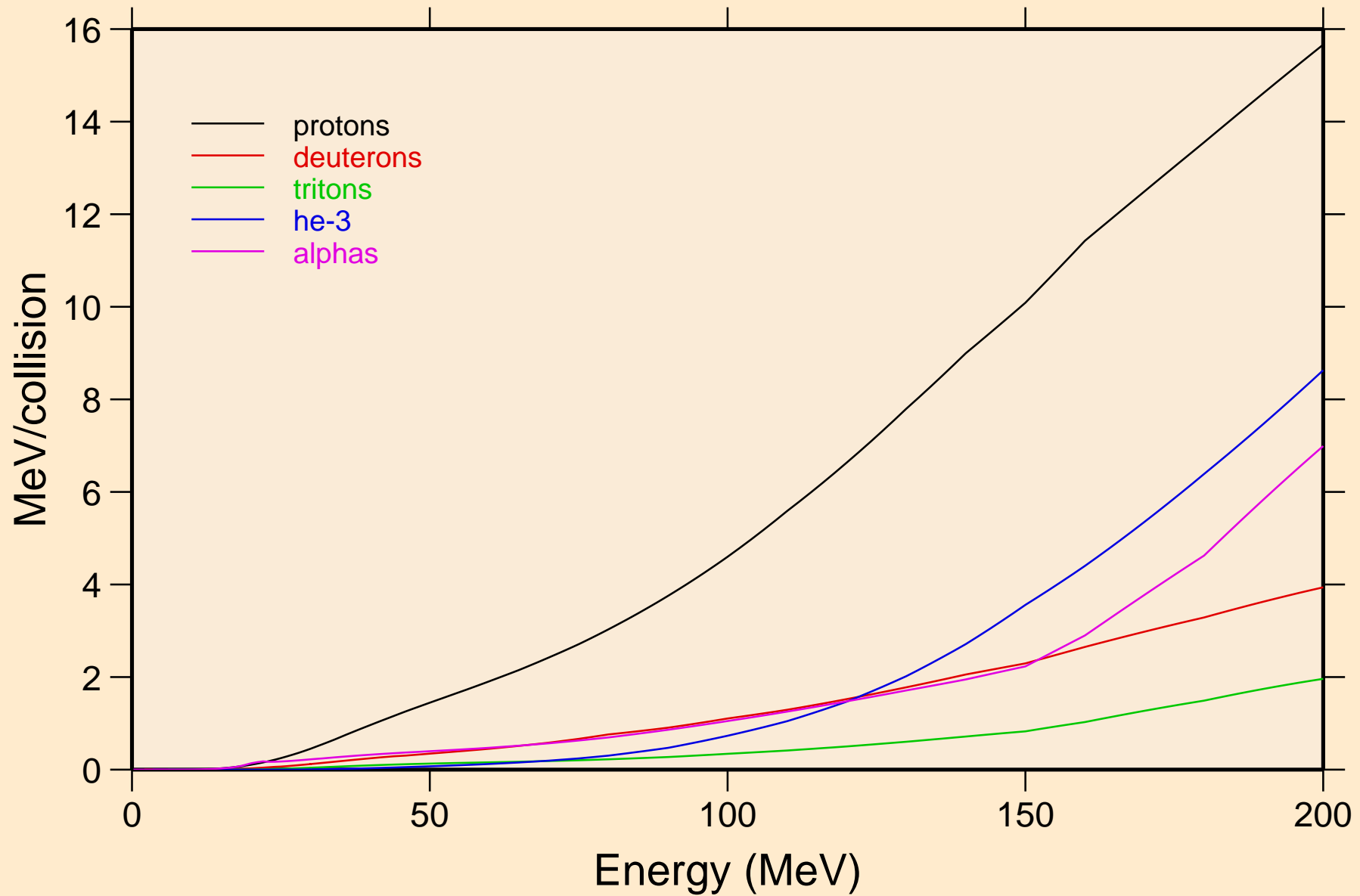
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum





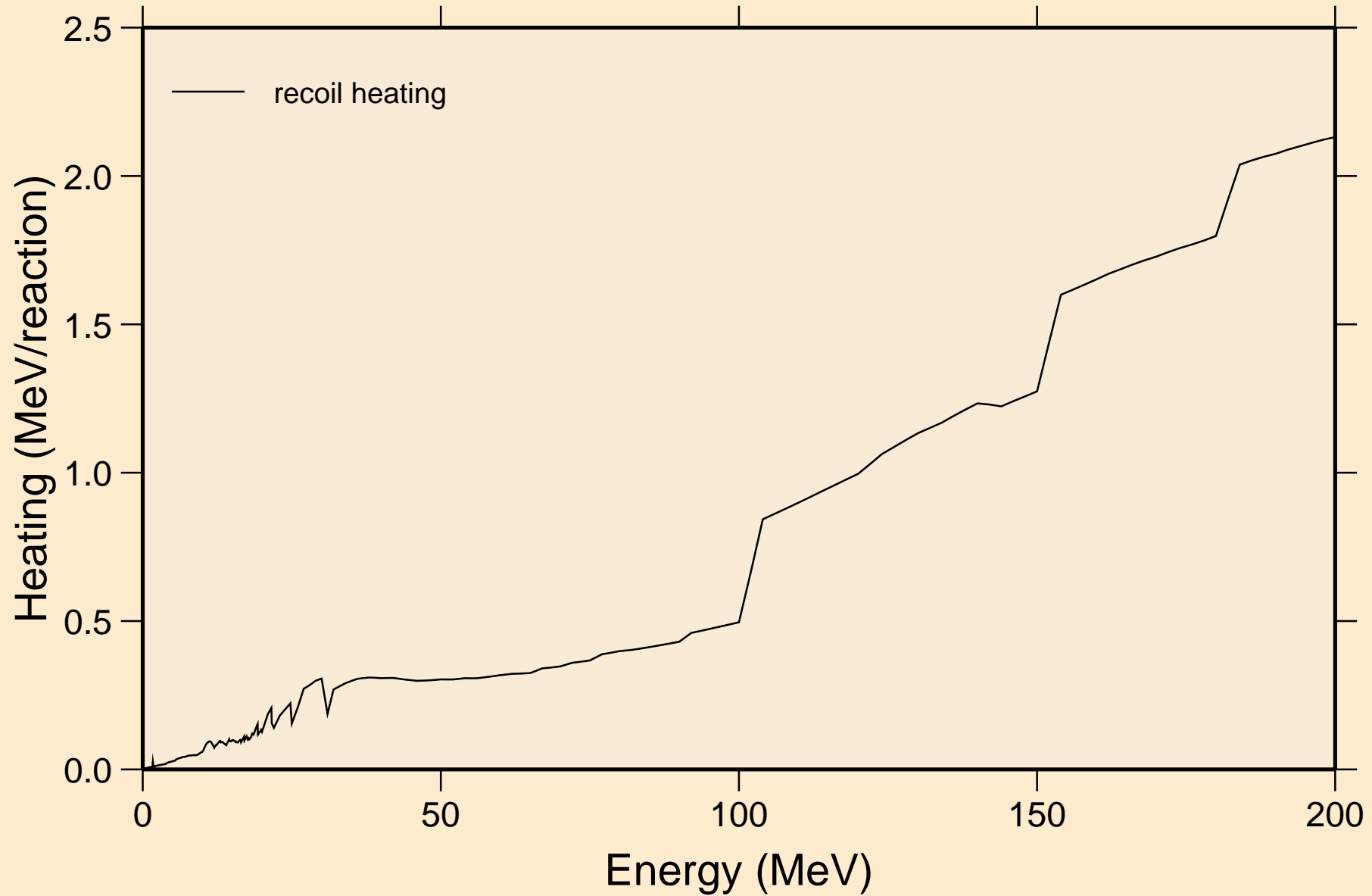
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



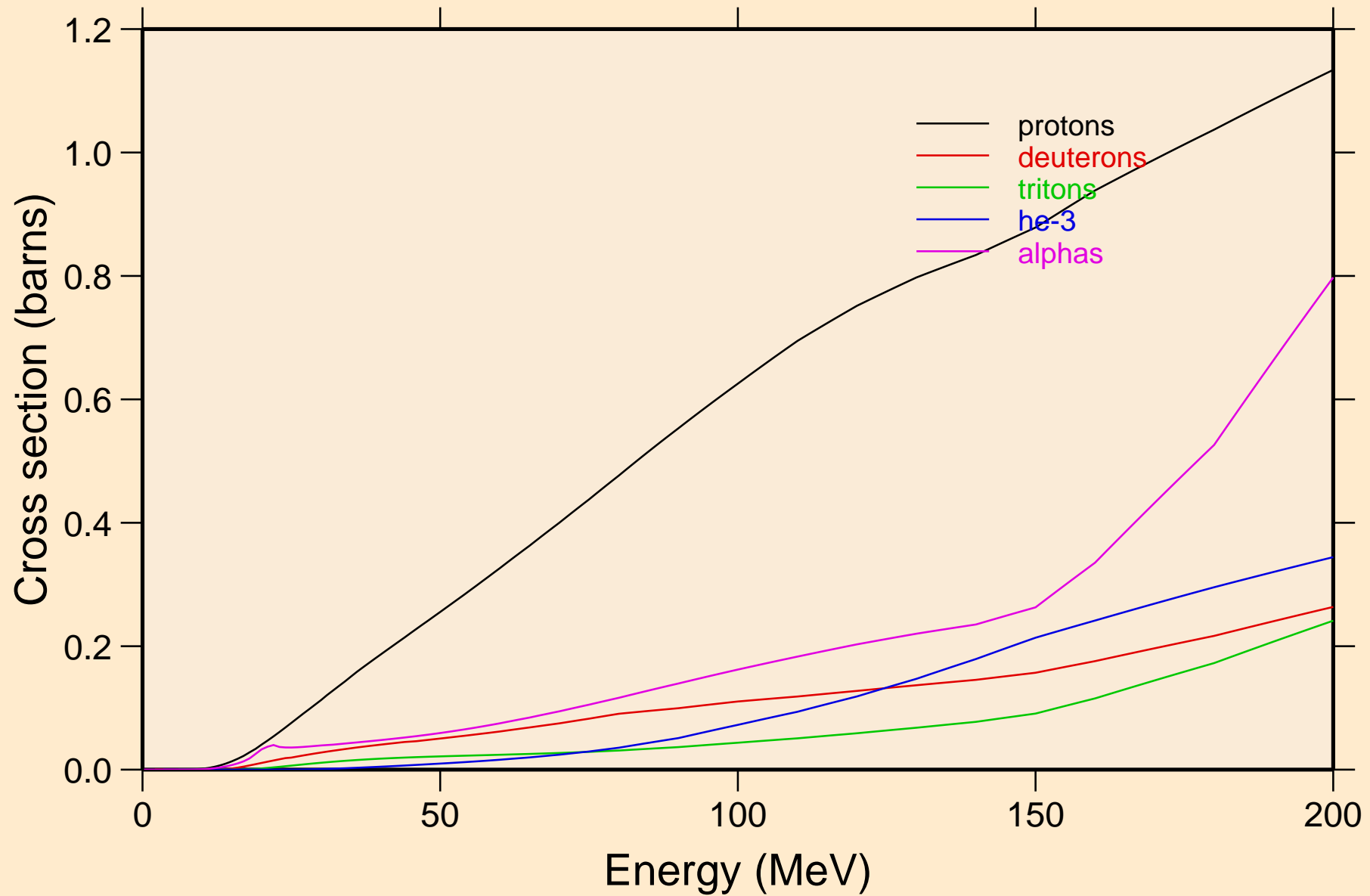
# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

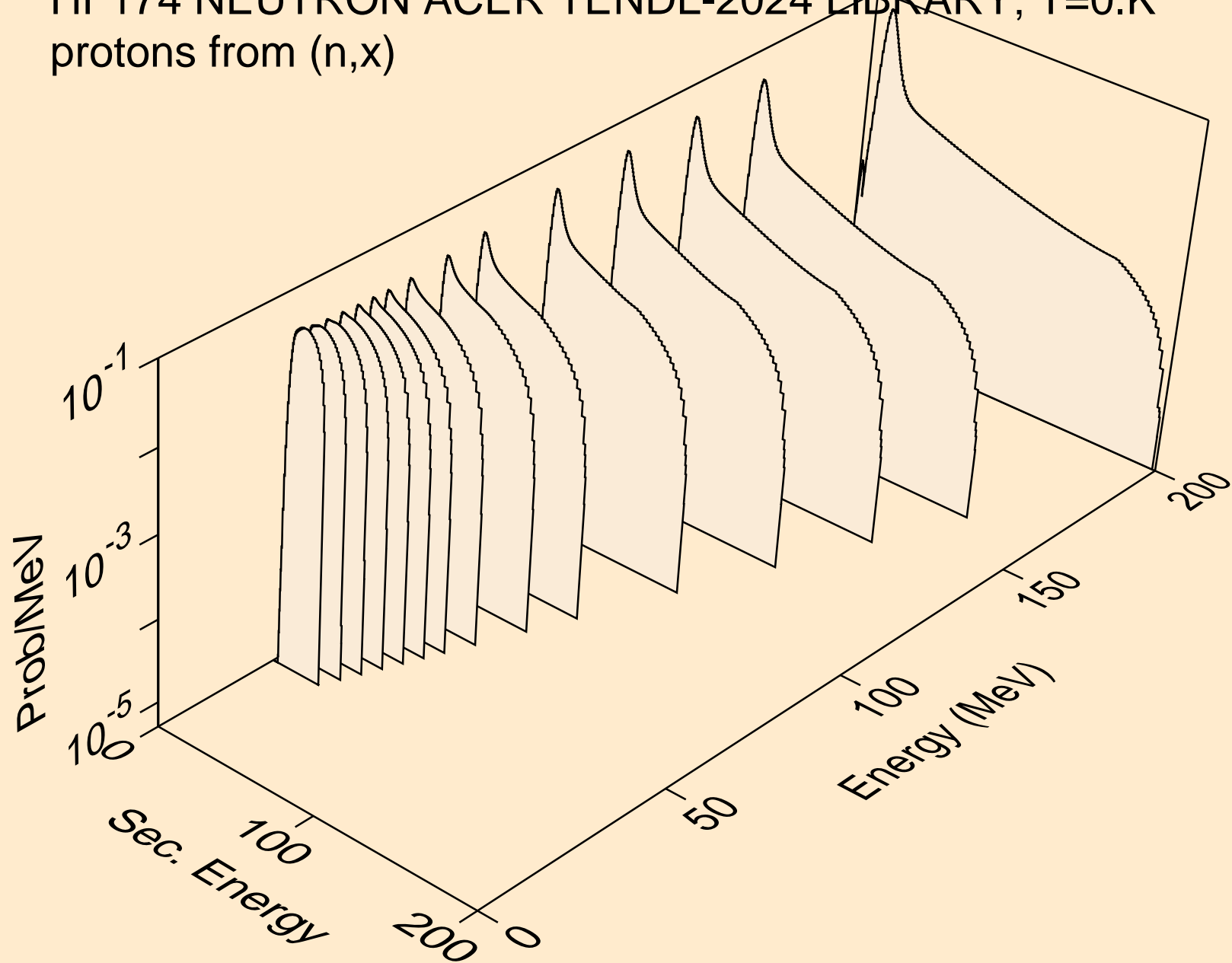


# HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

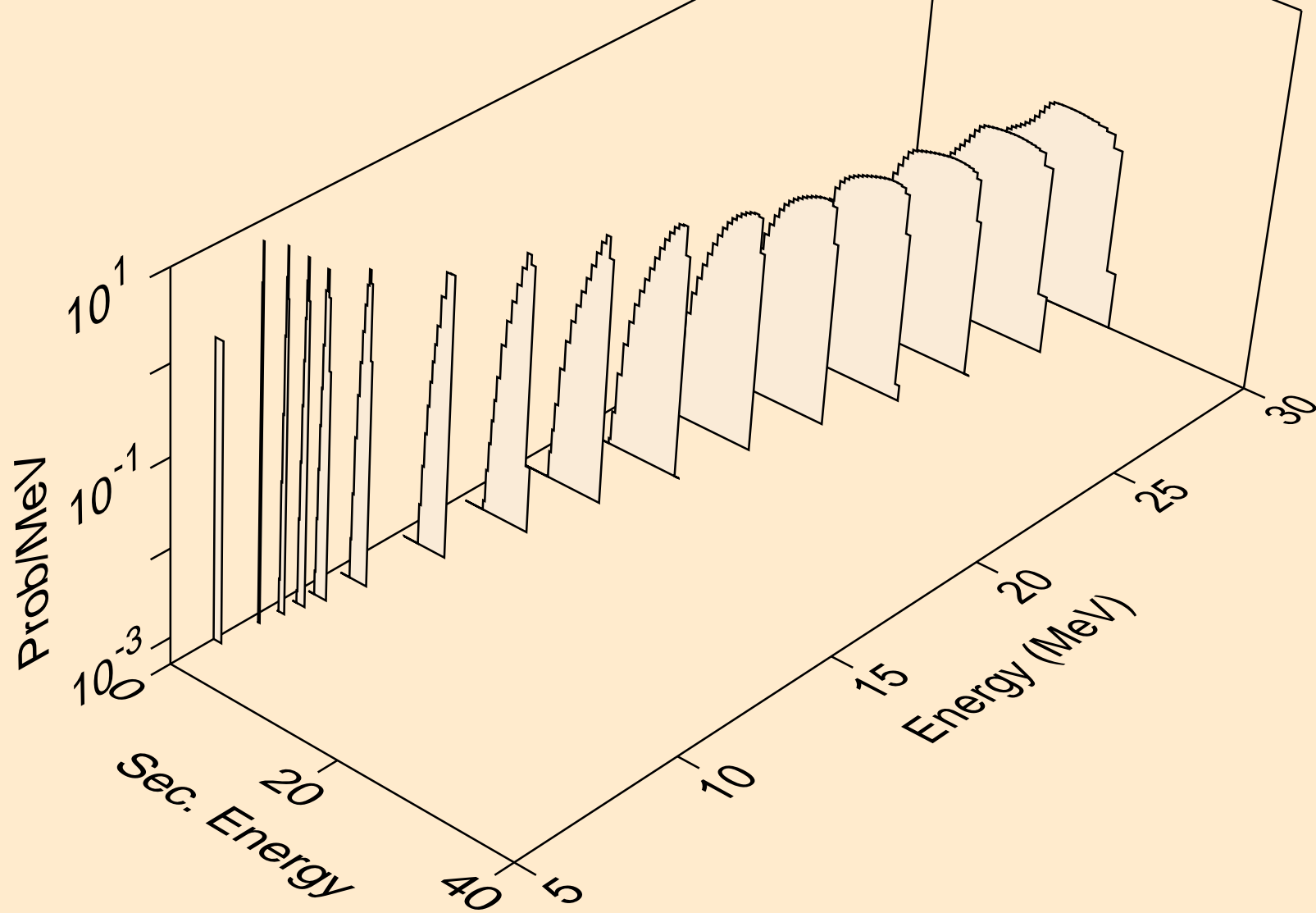
## Particle production cross sections



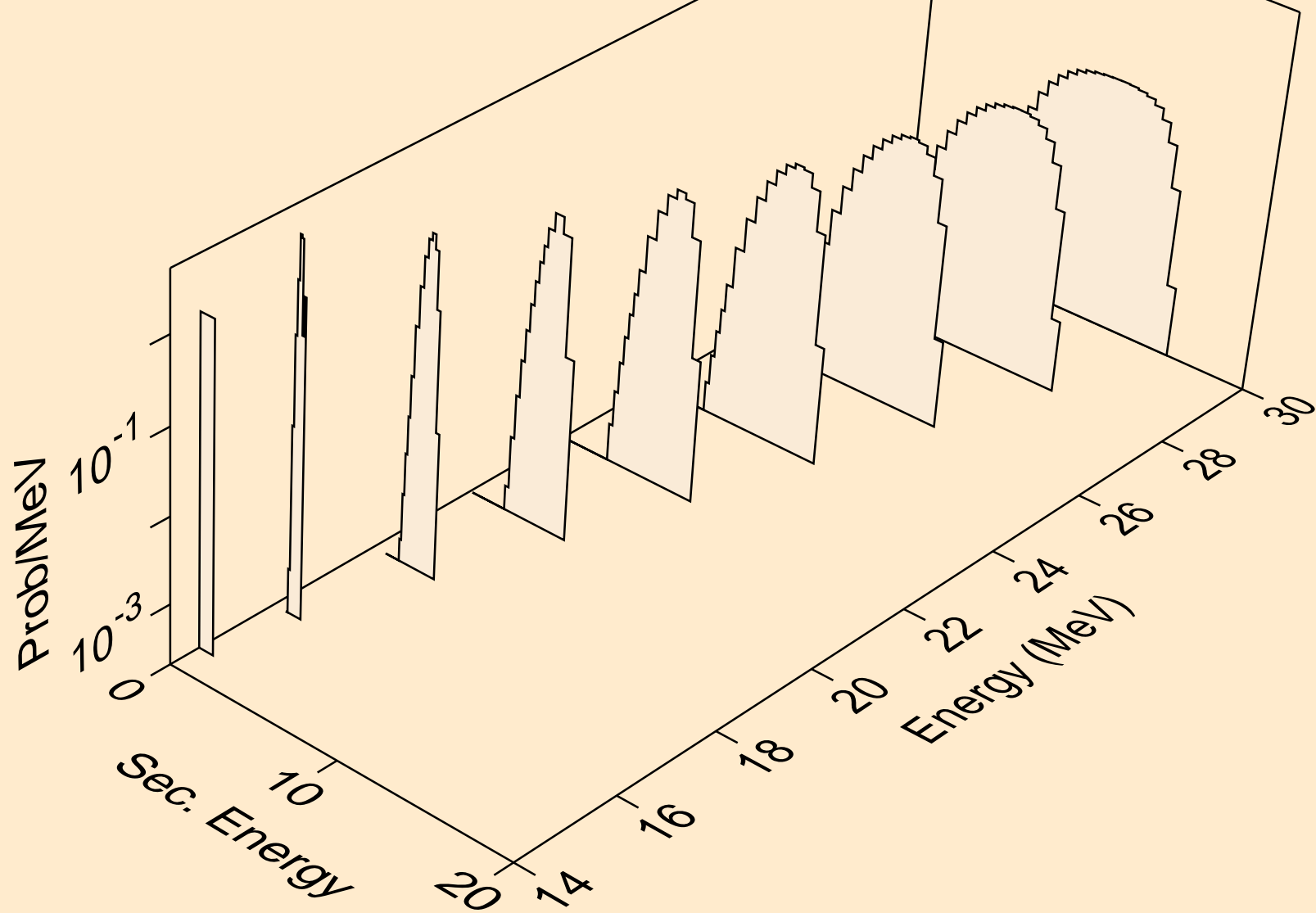
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



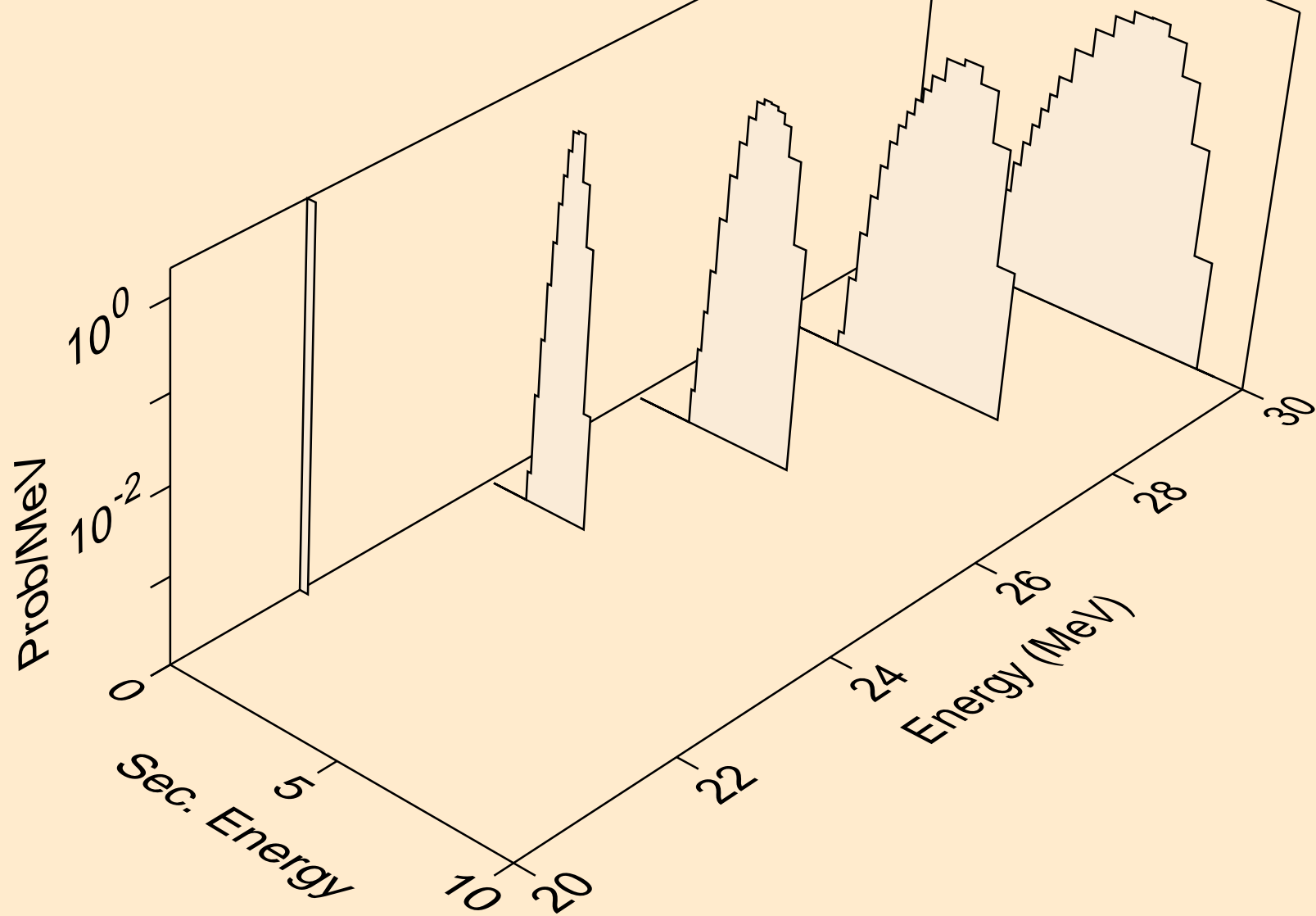
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



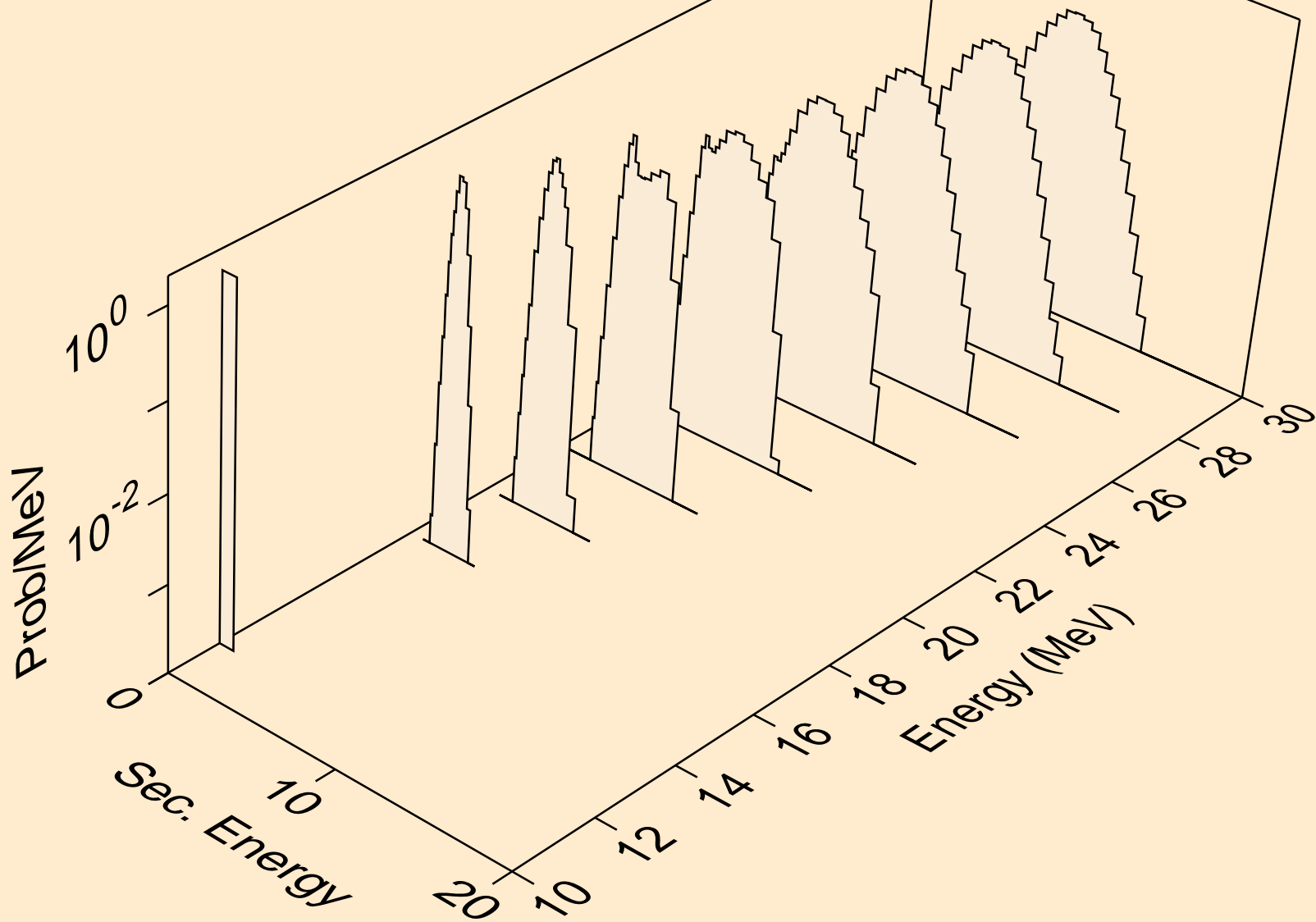
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

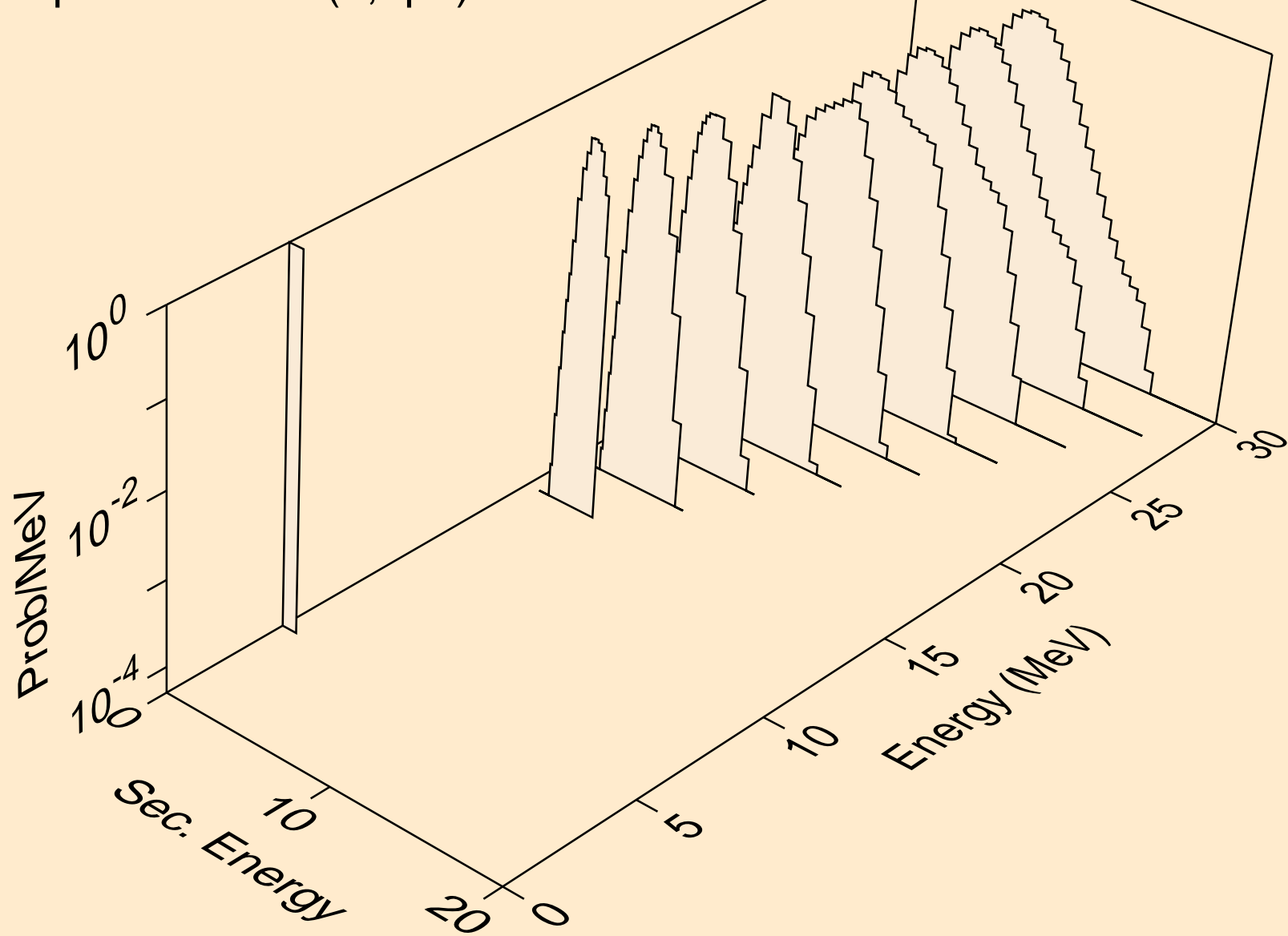


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

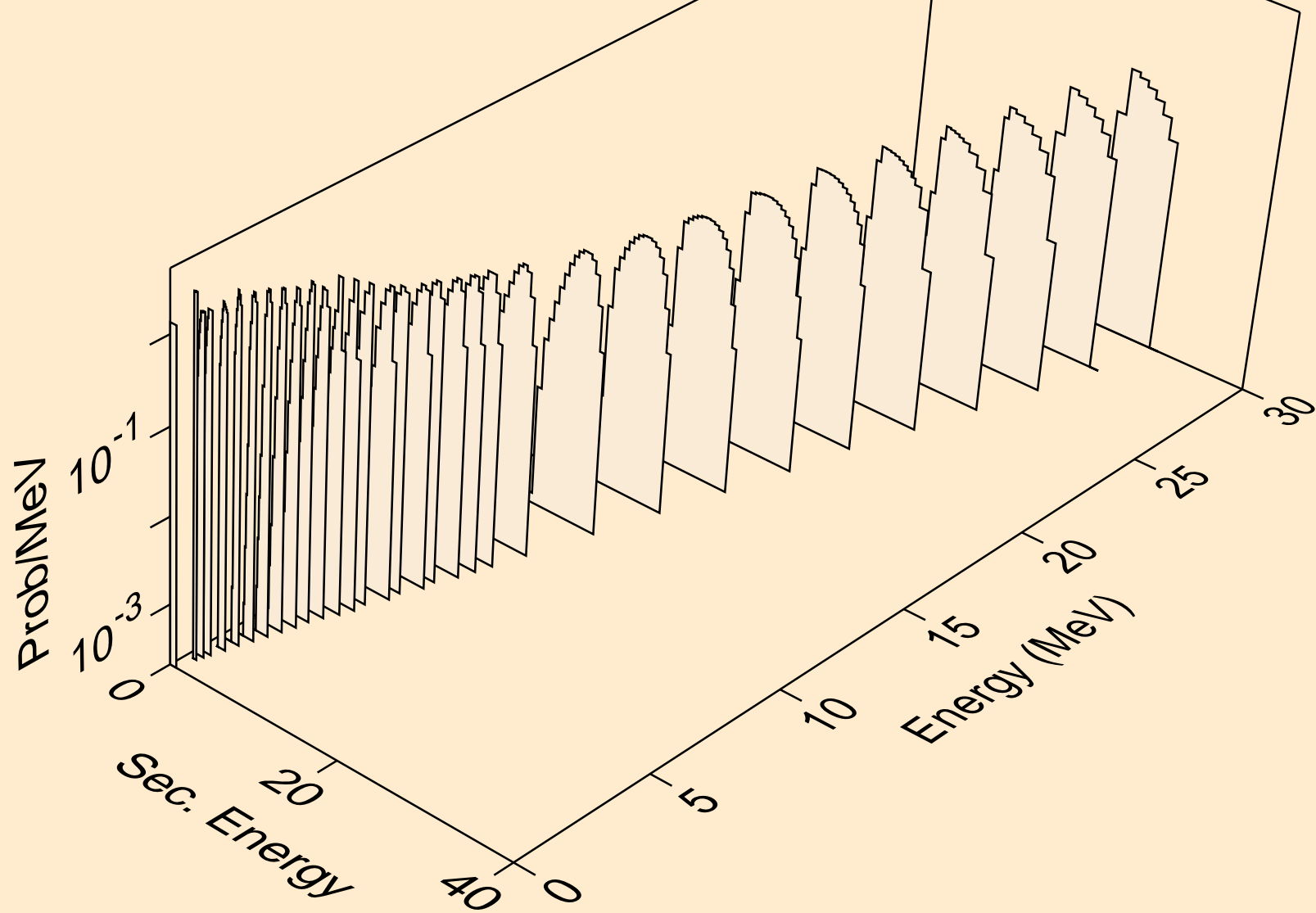




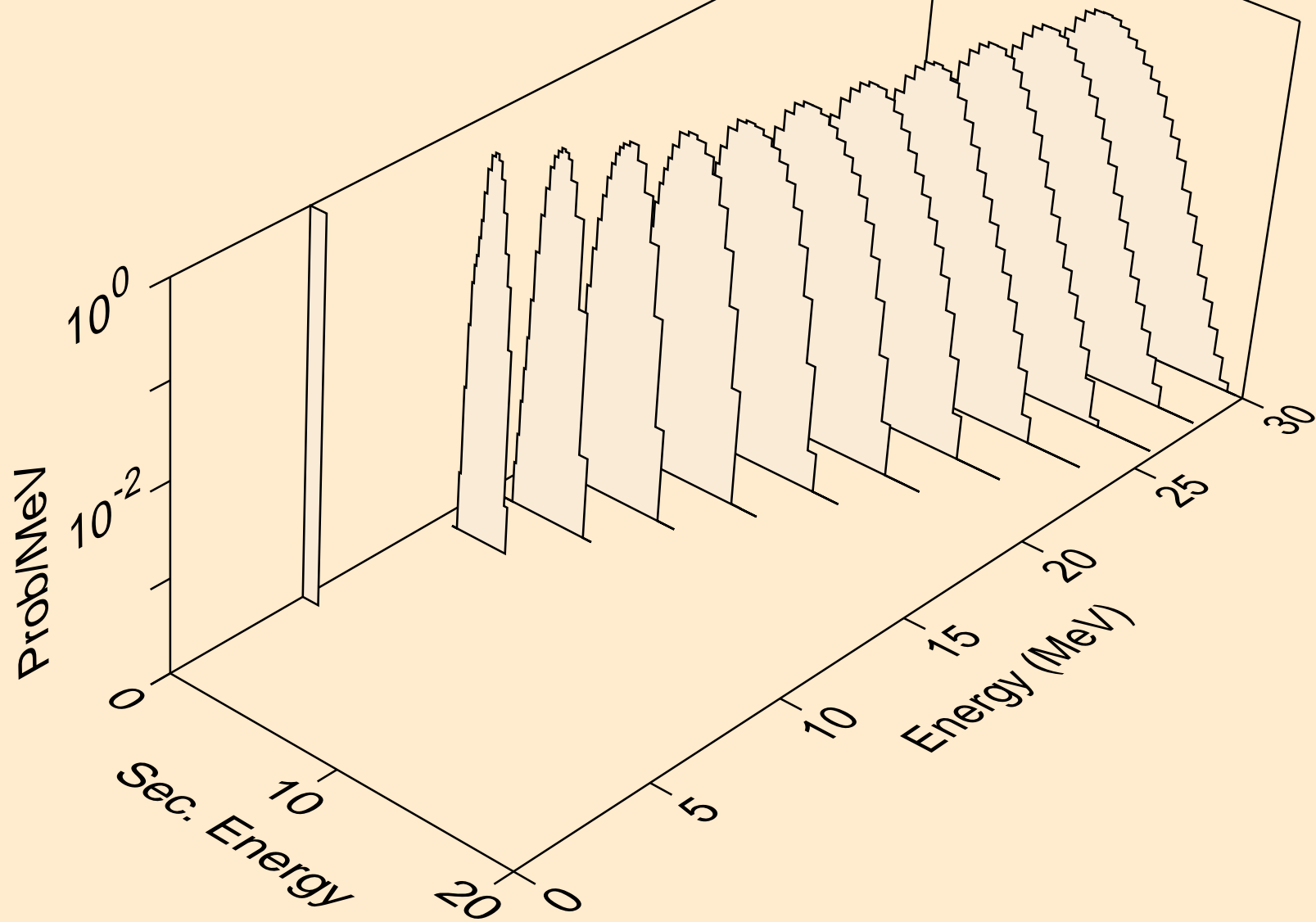
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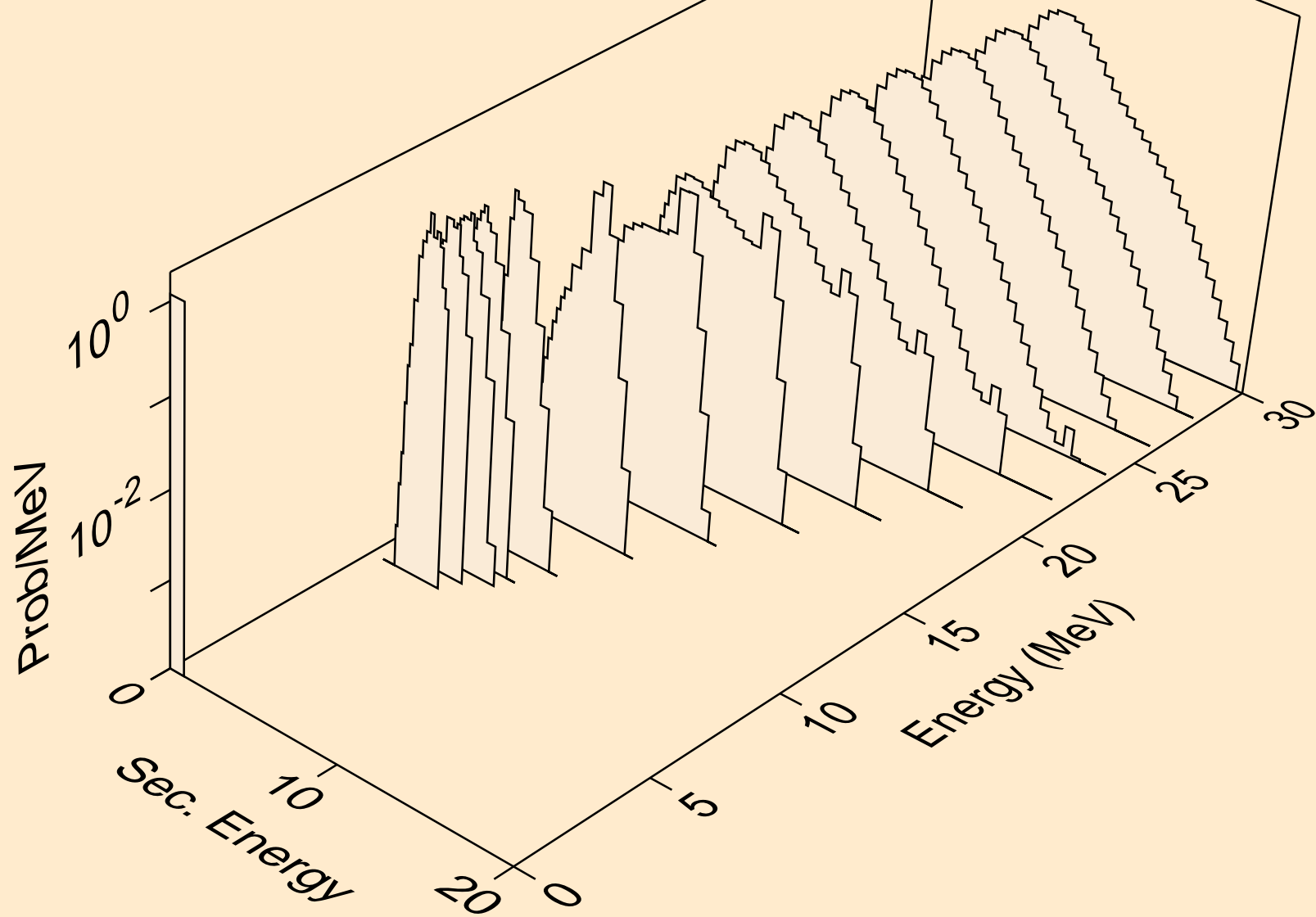
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



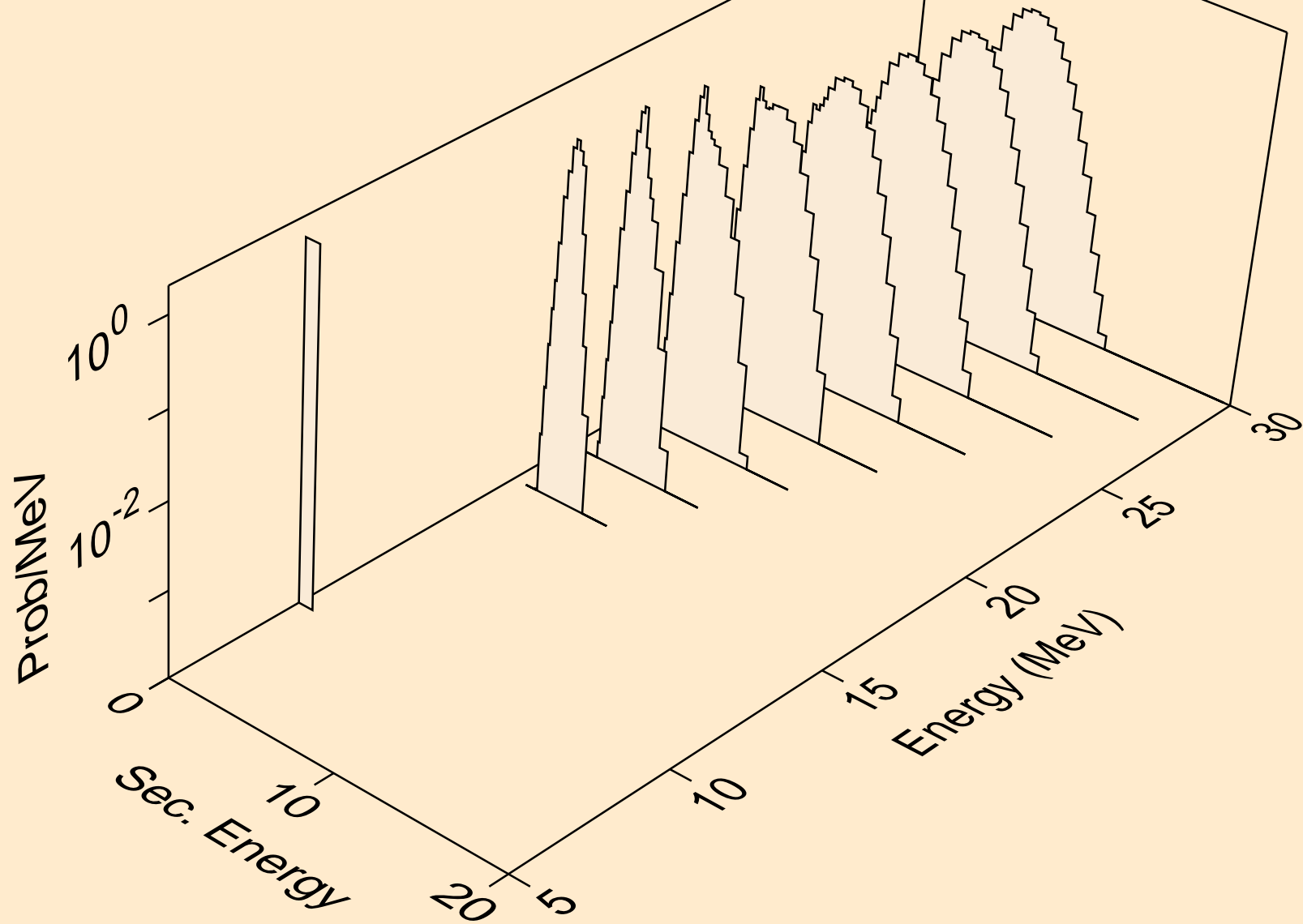
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



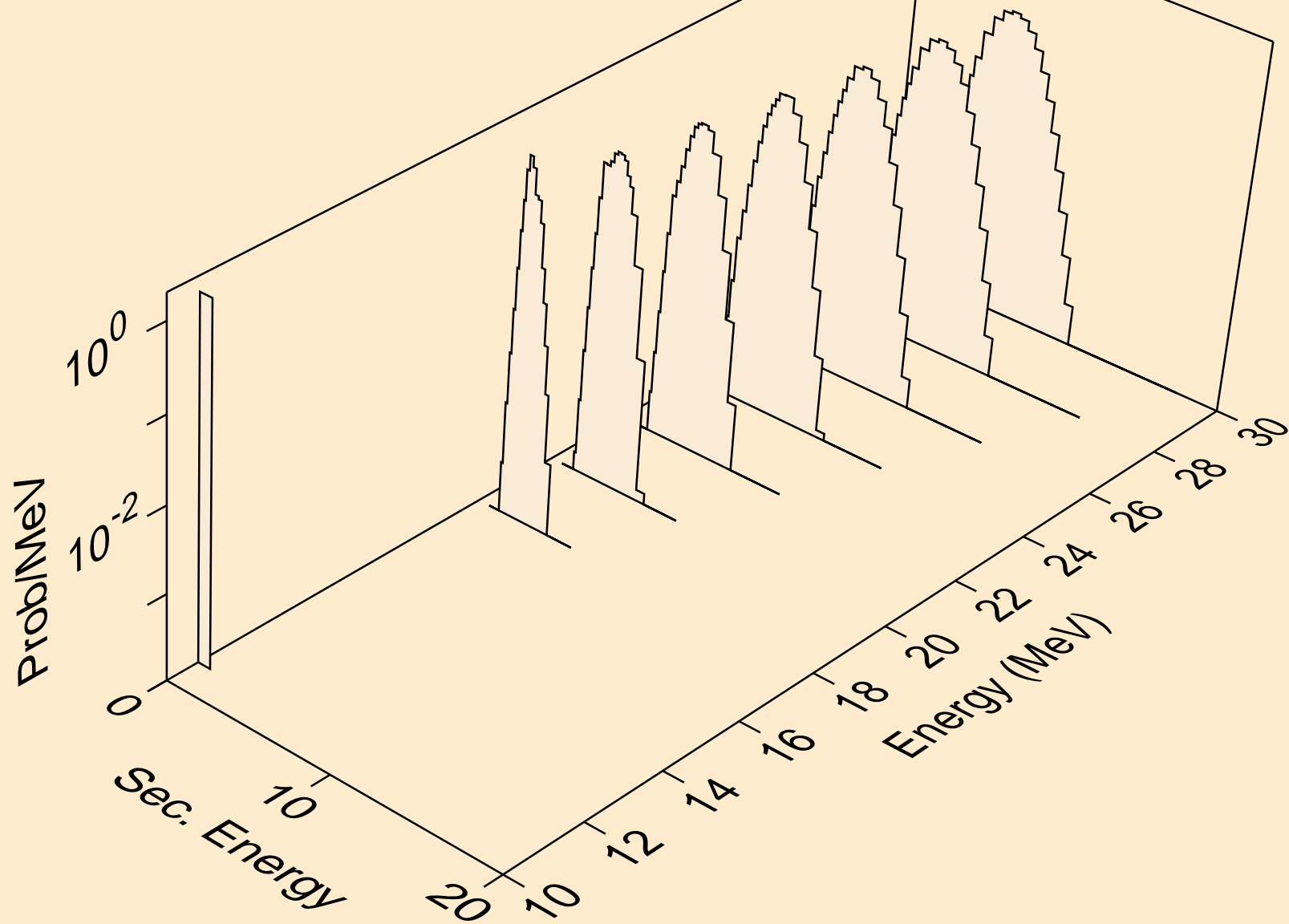
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protons from (n,p)



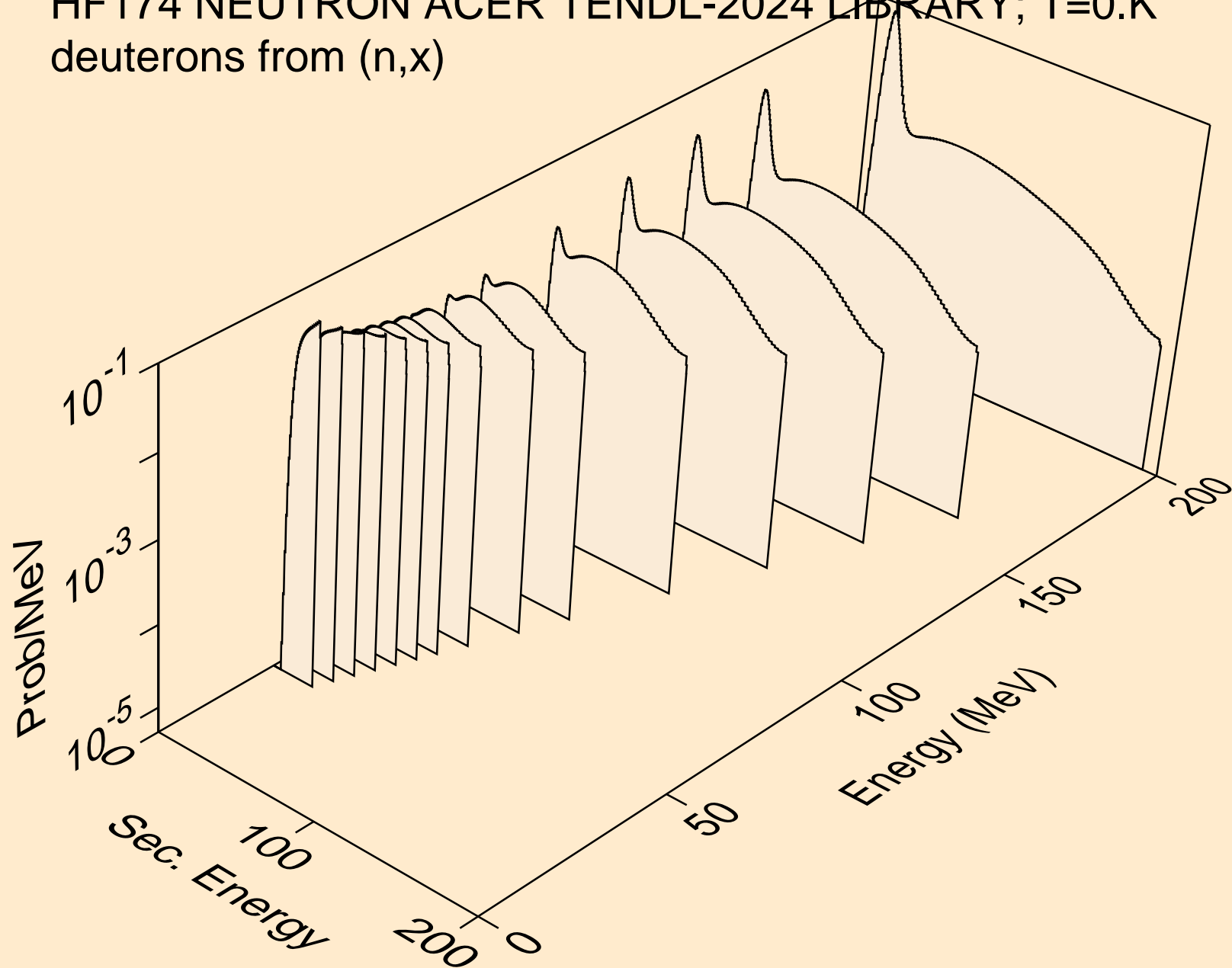
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



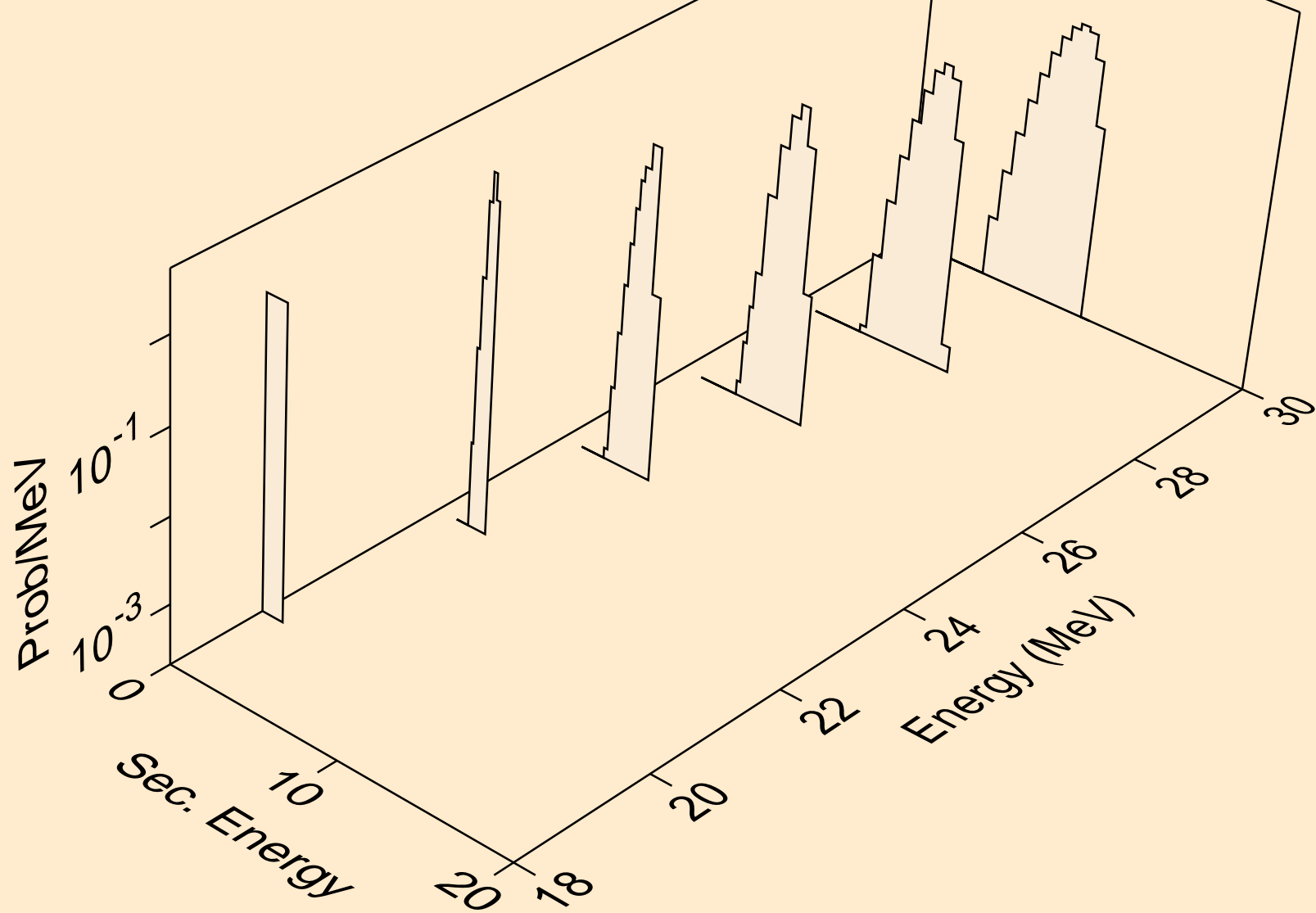
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

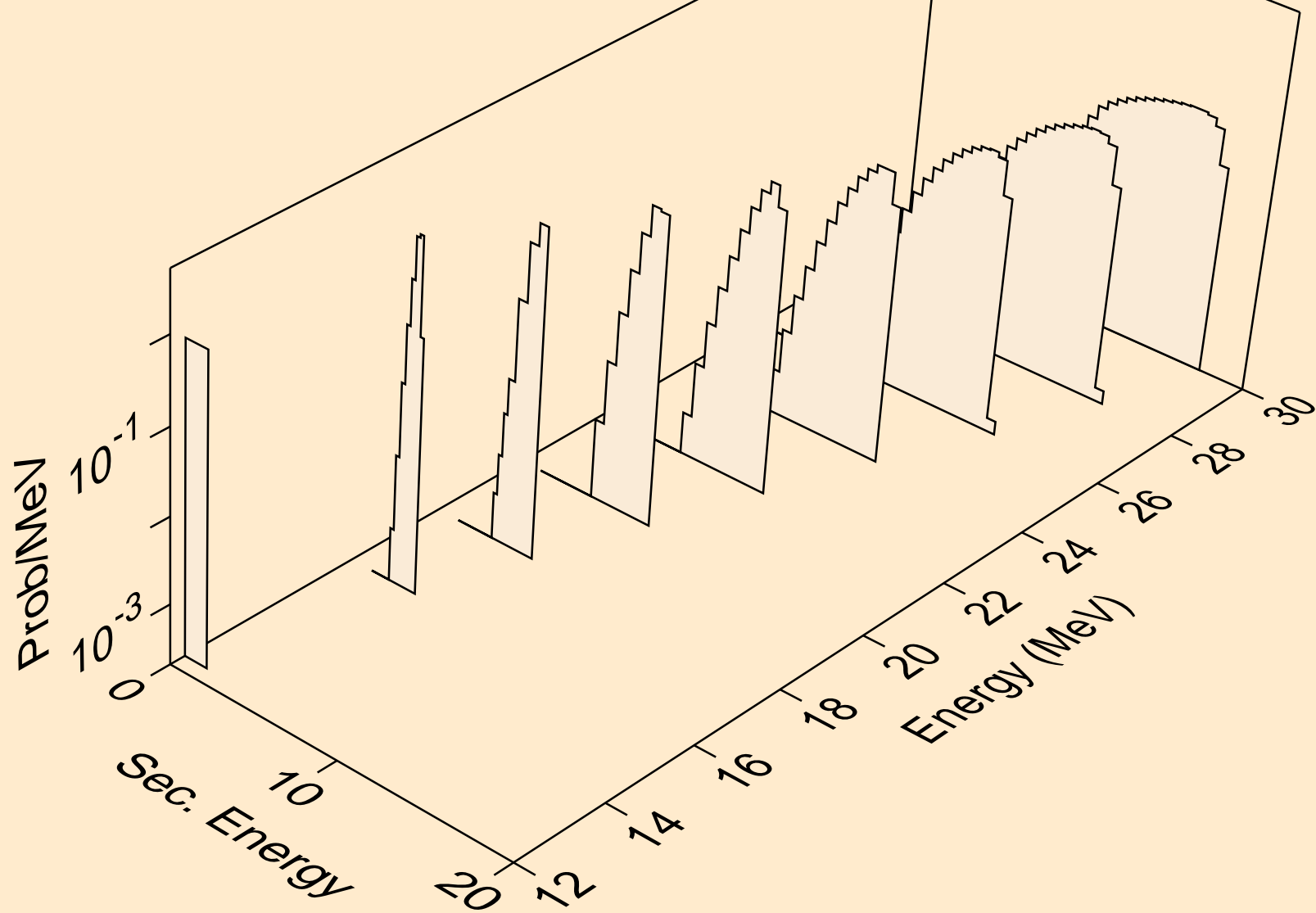


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

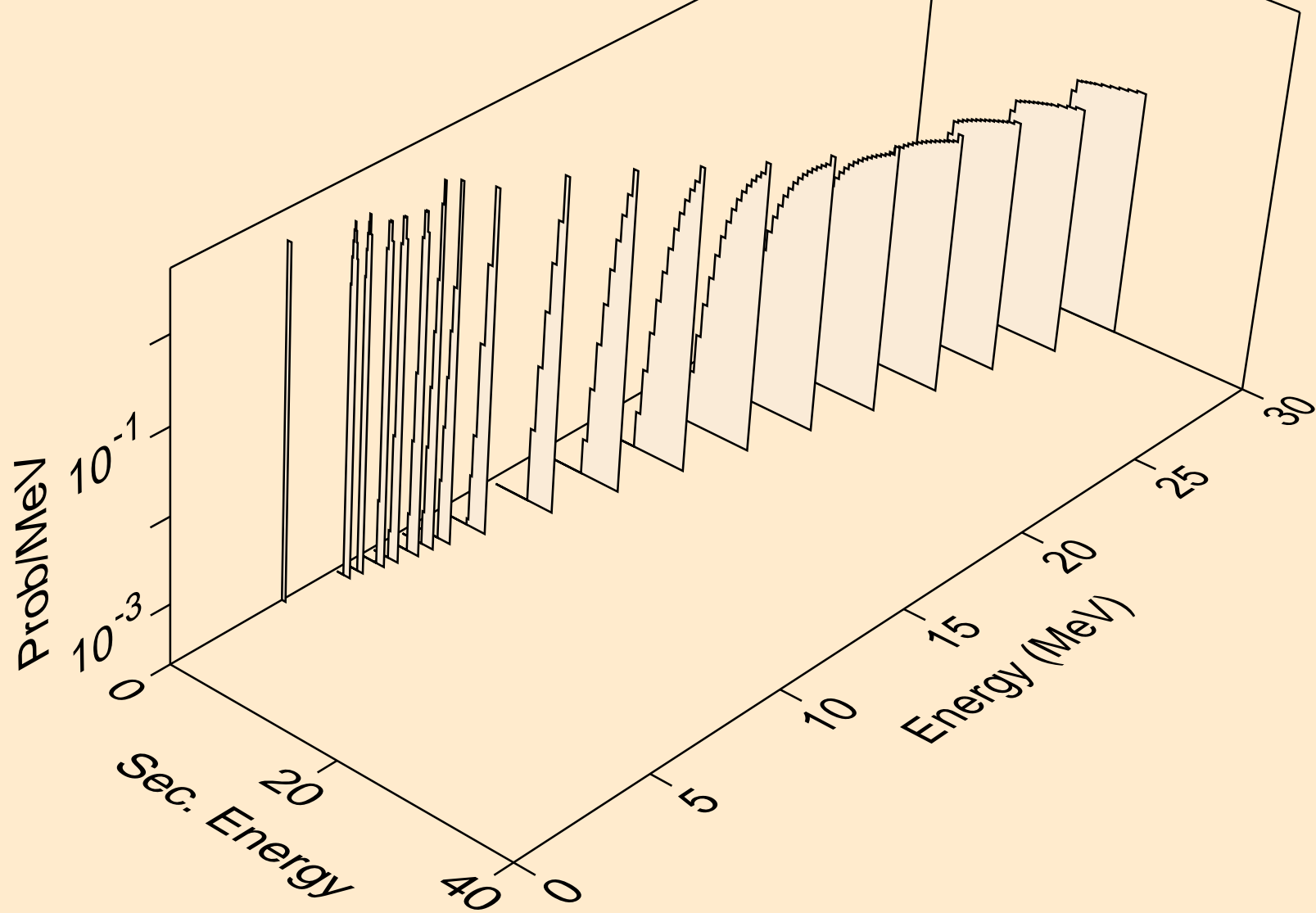




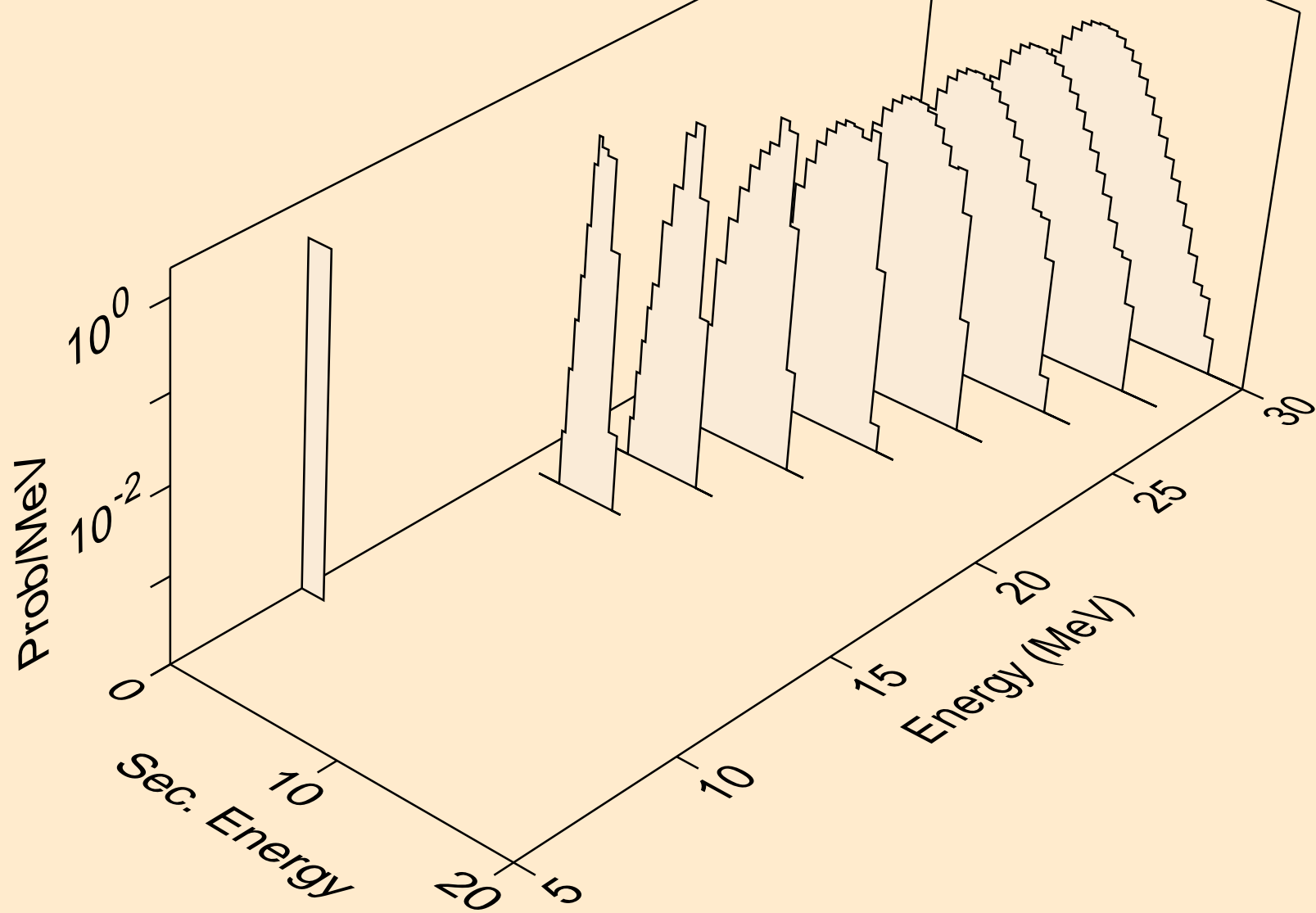
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



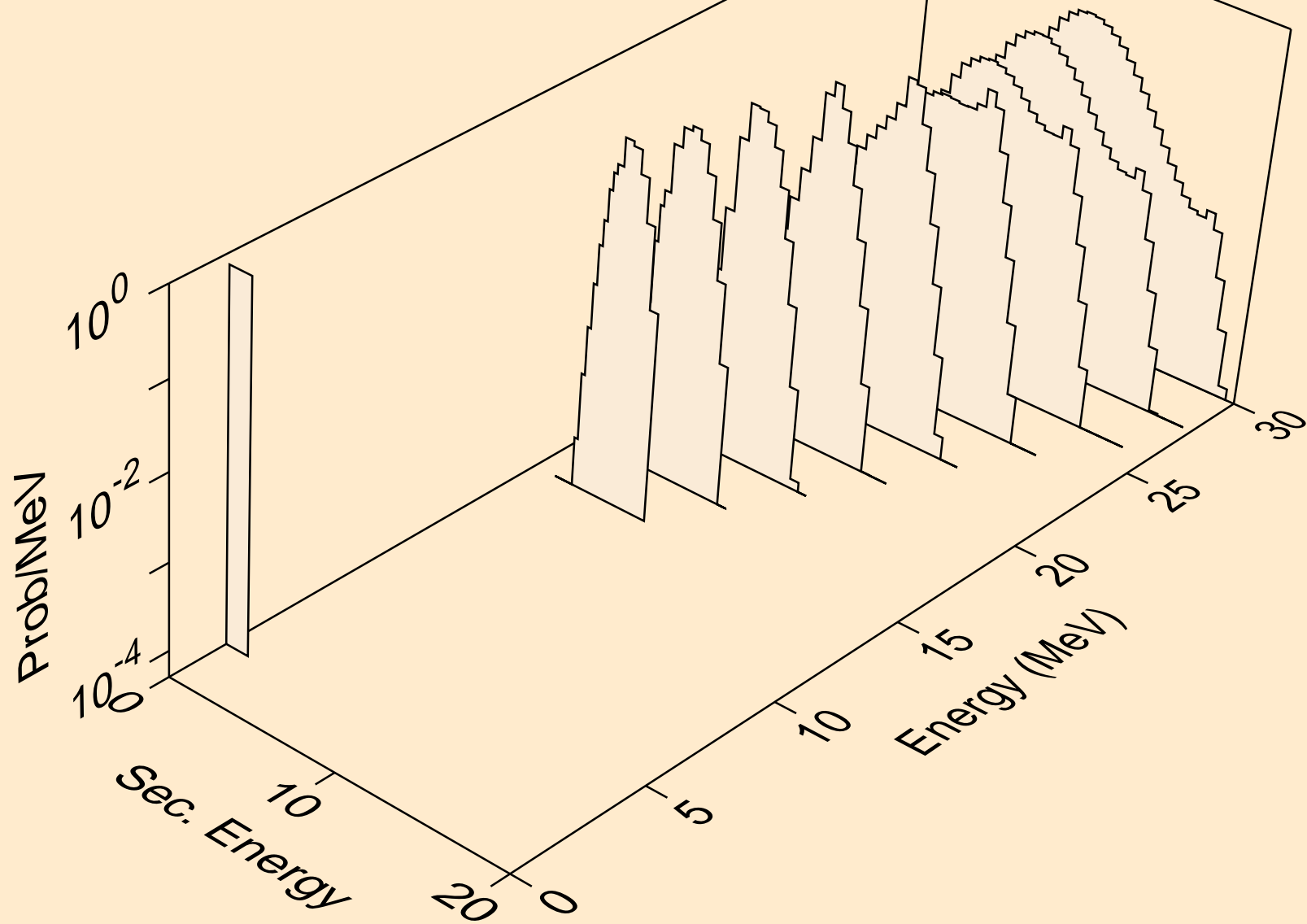
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deuterons from (n,d)



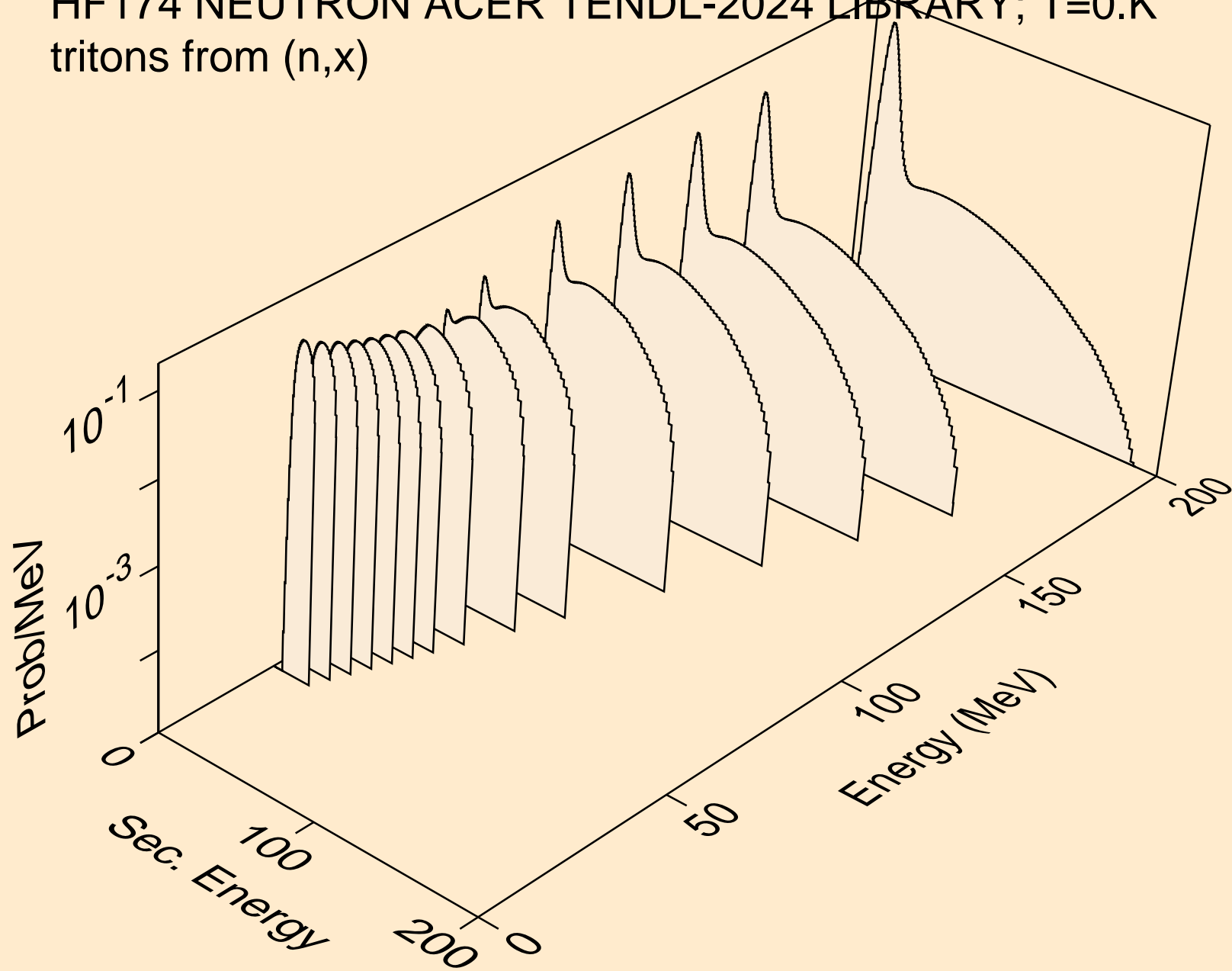
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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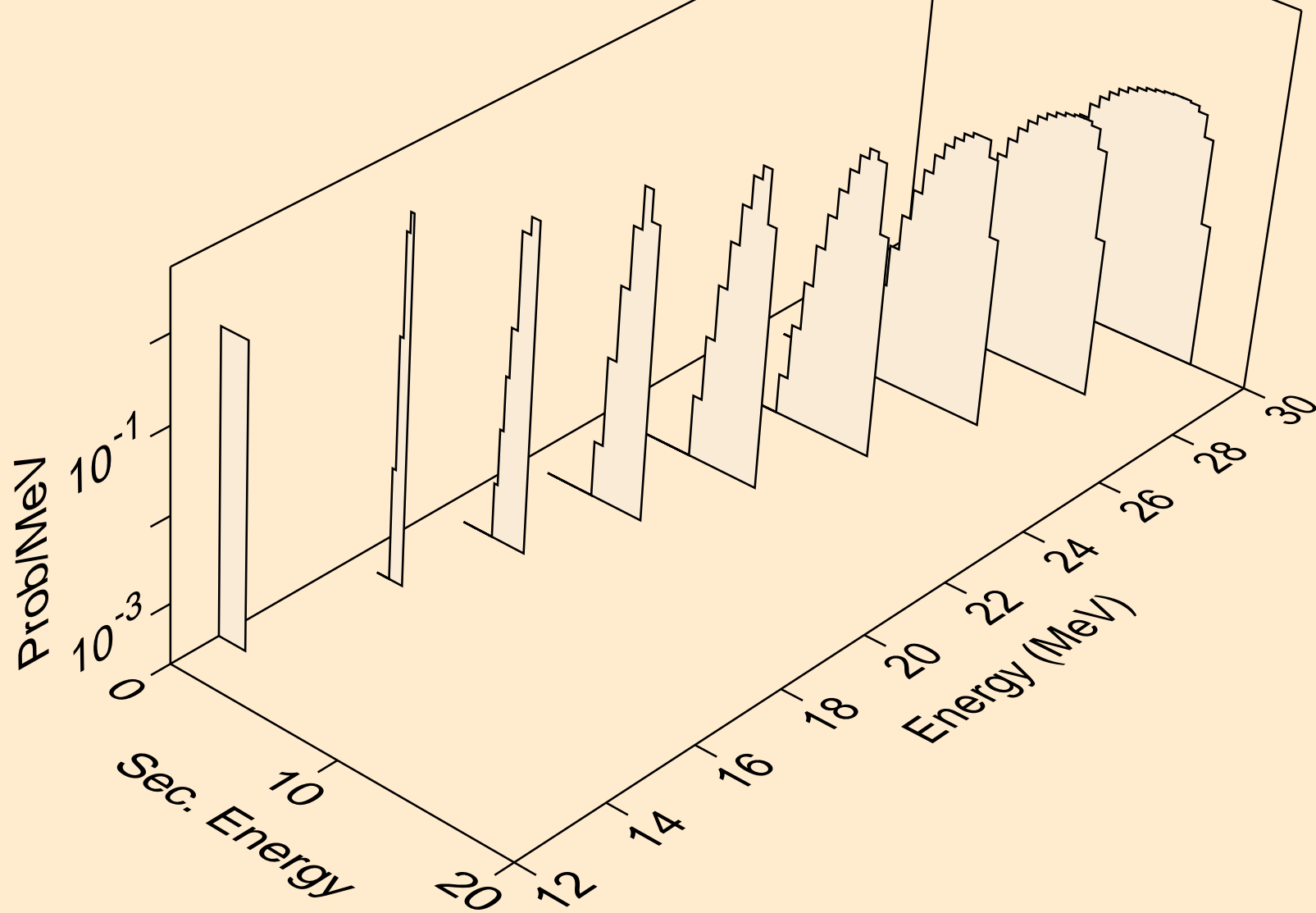
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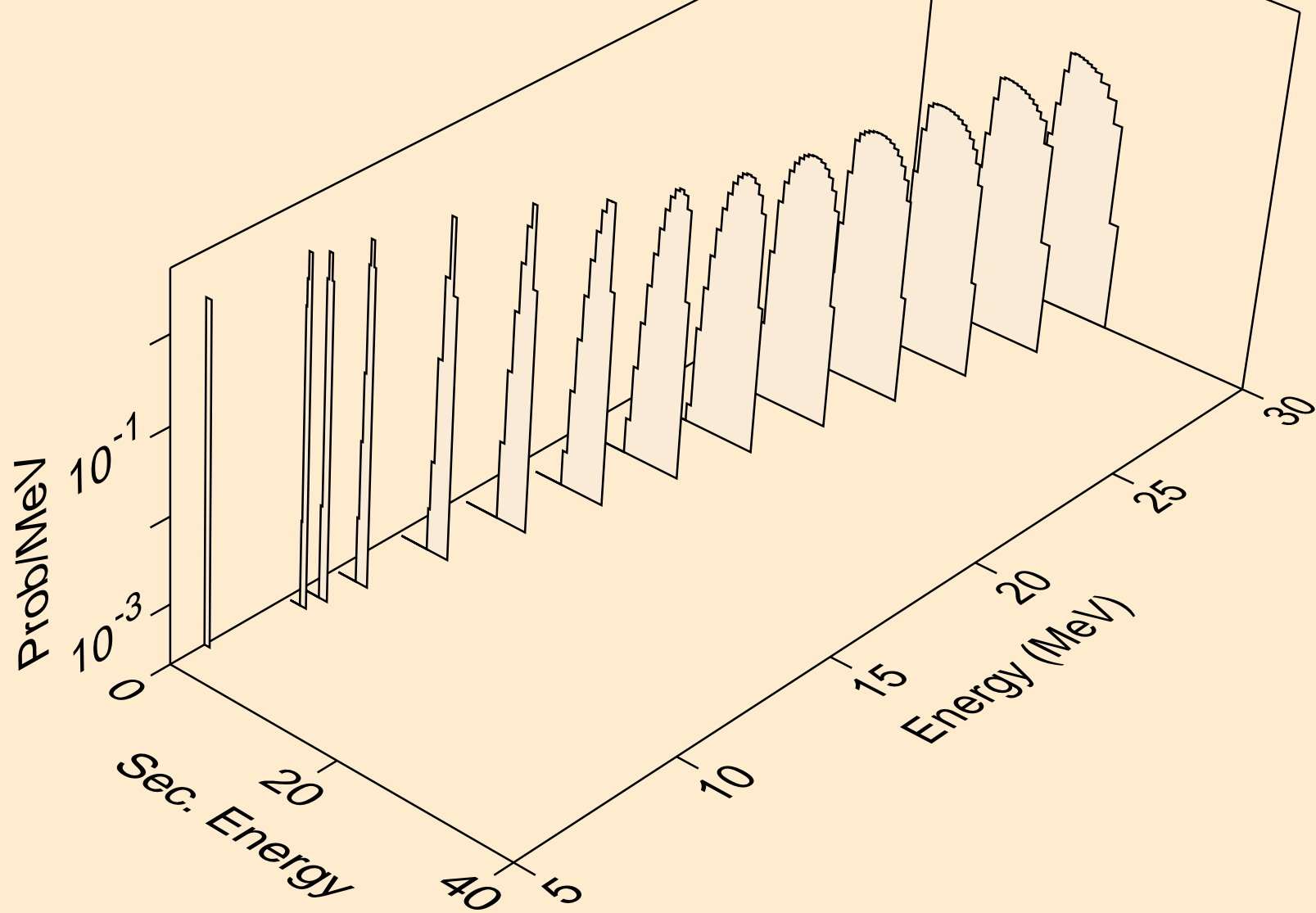
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



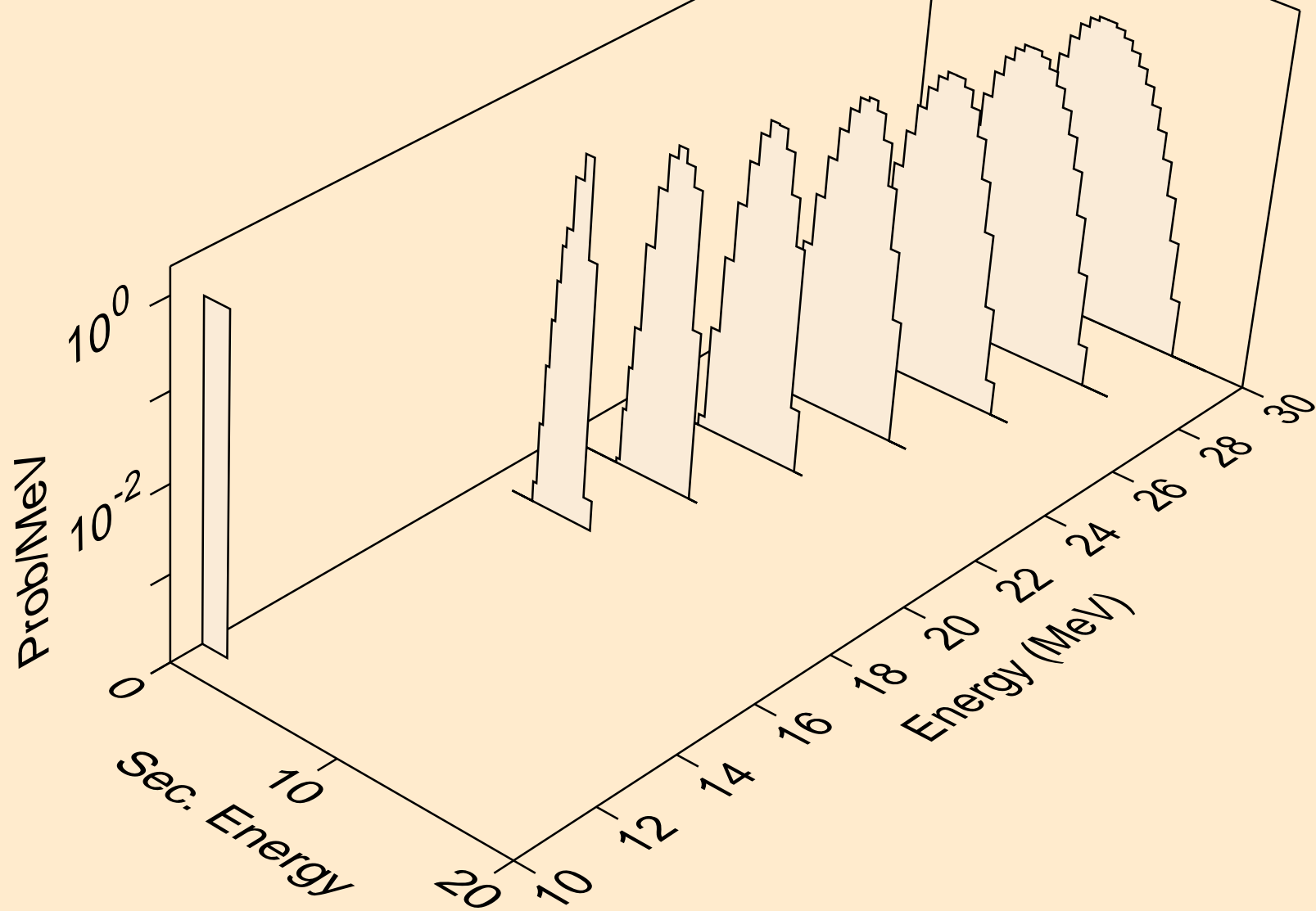
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

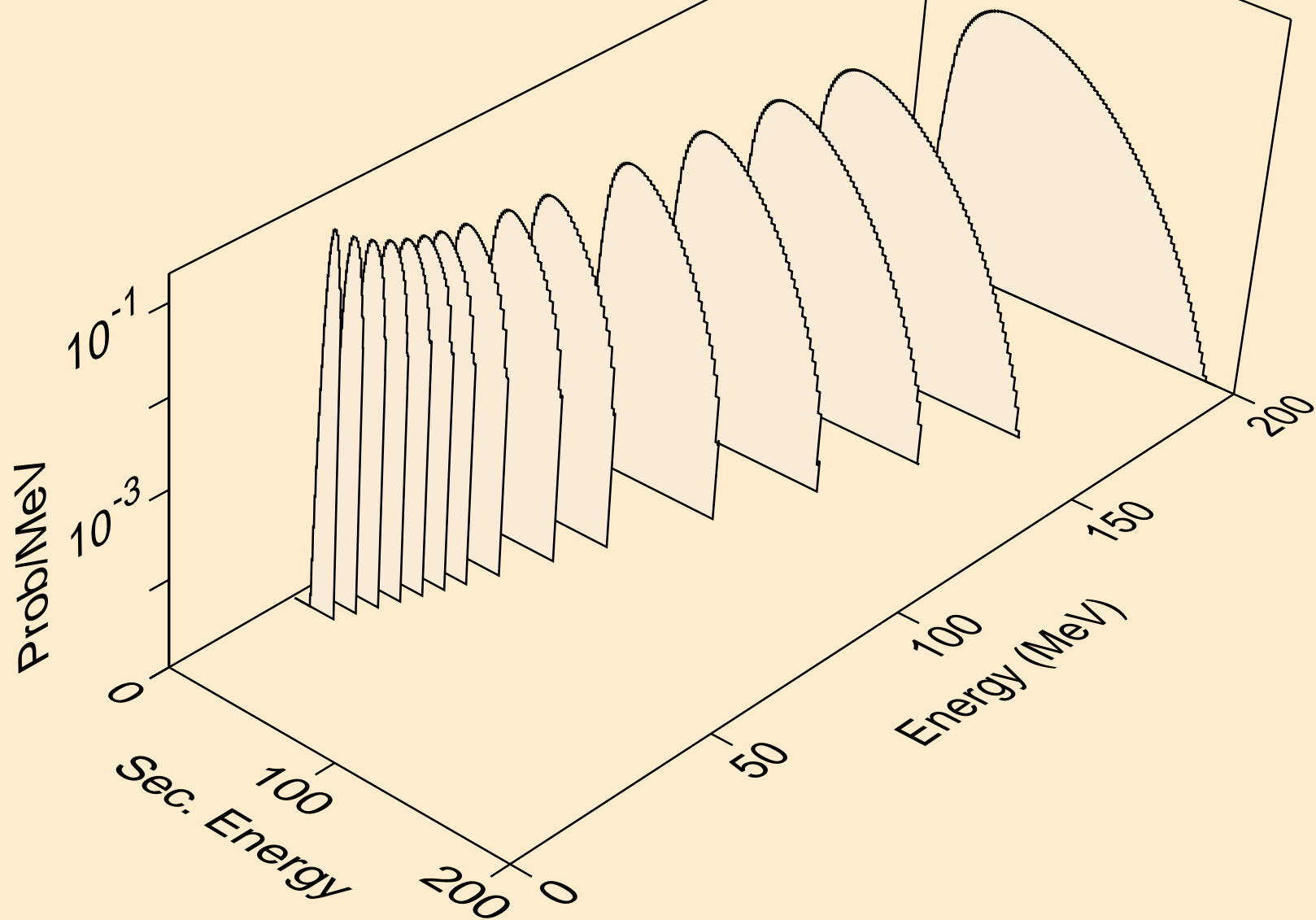


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

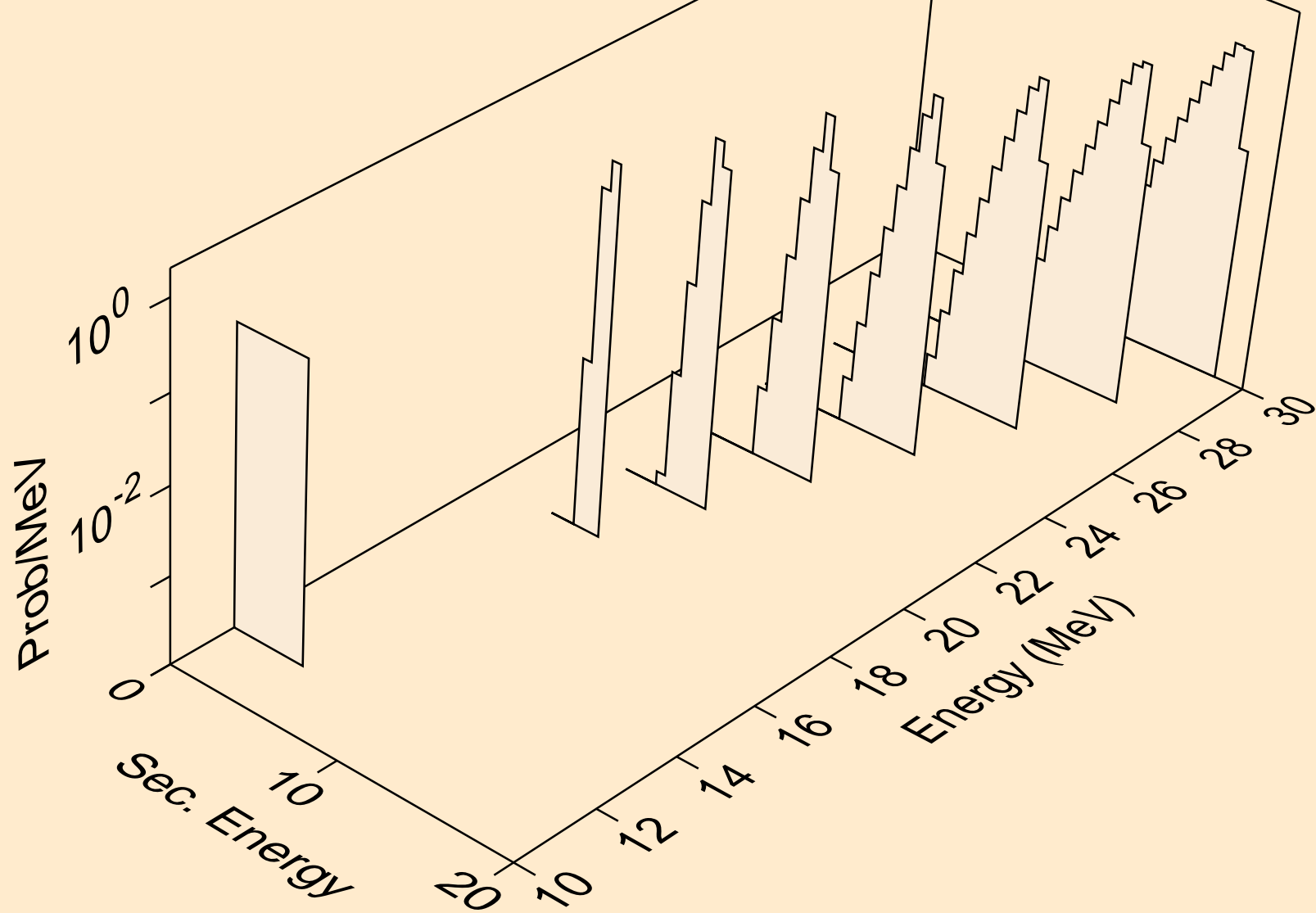




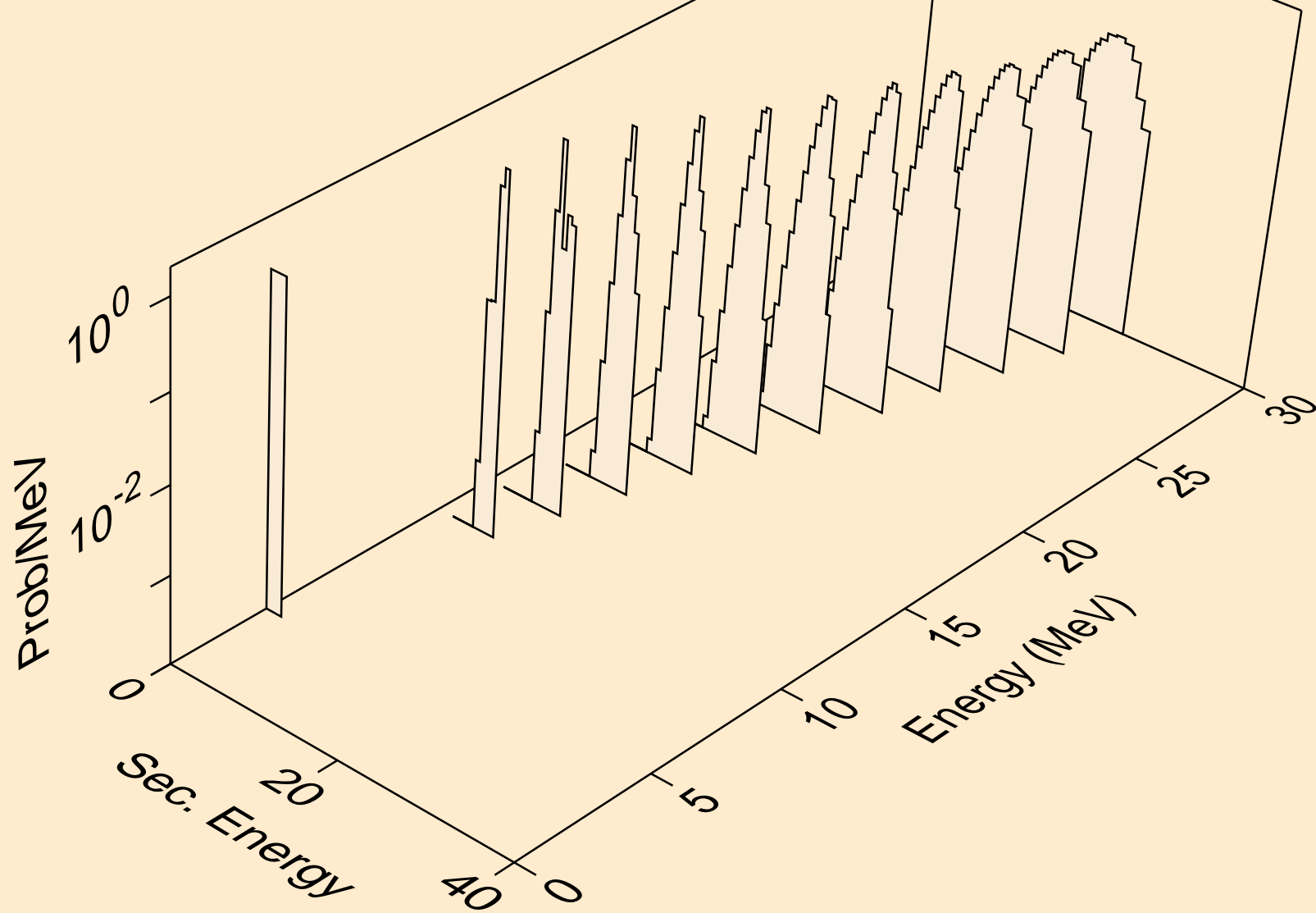
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



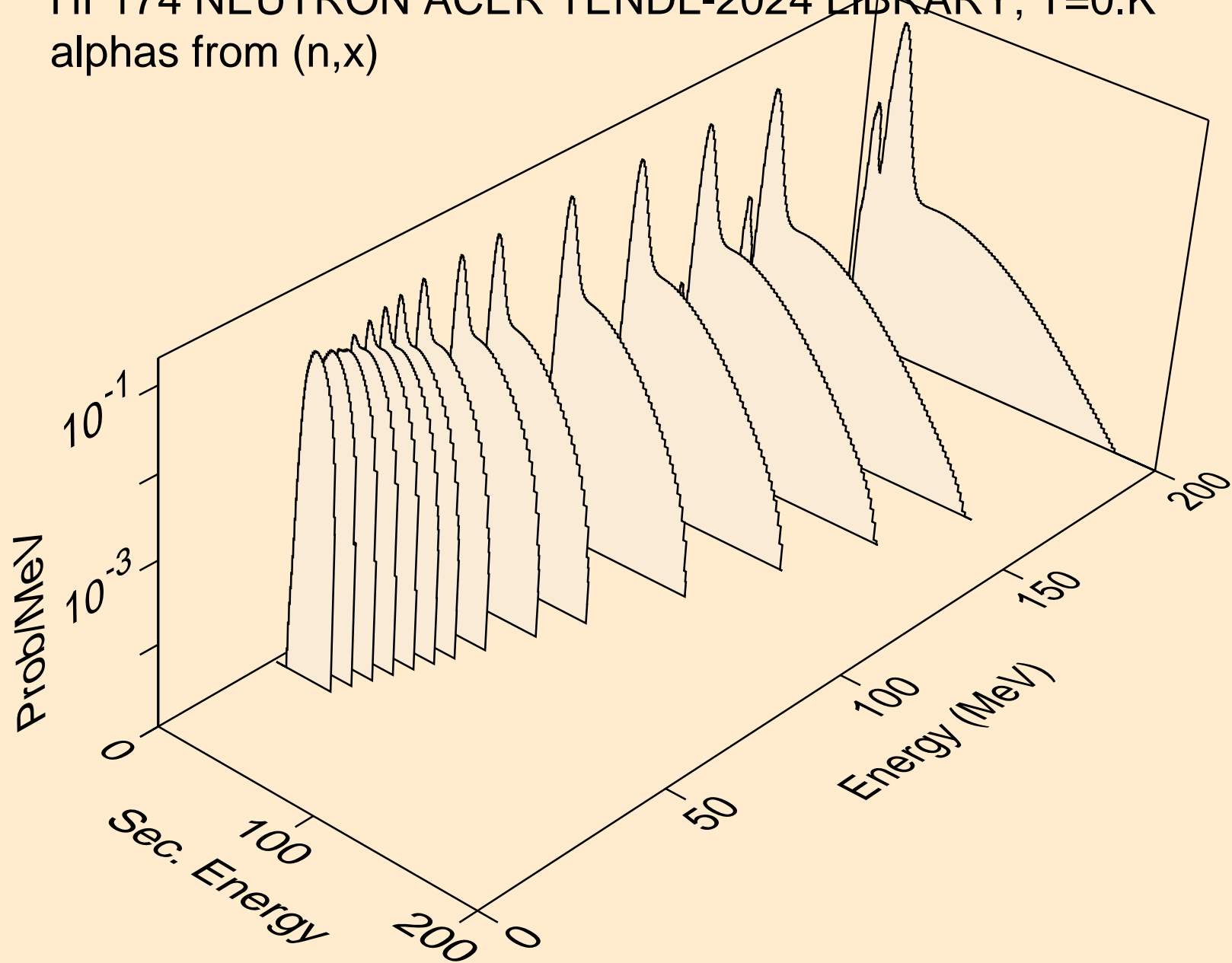
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



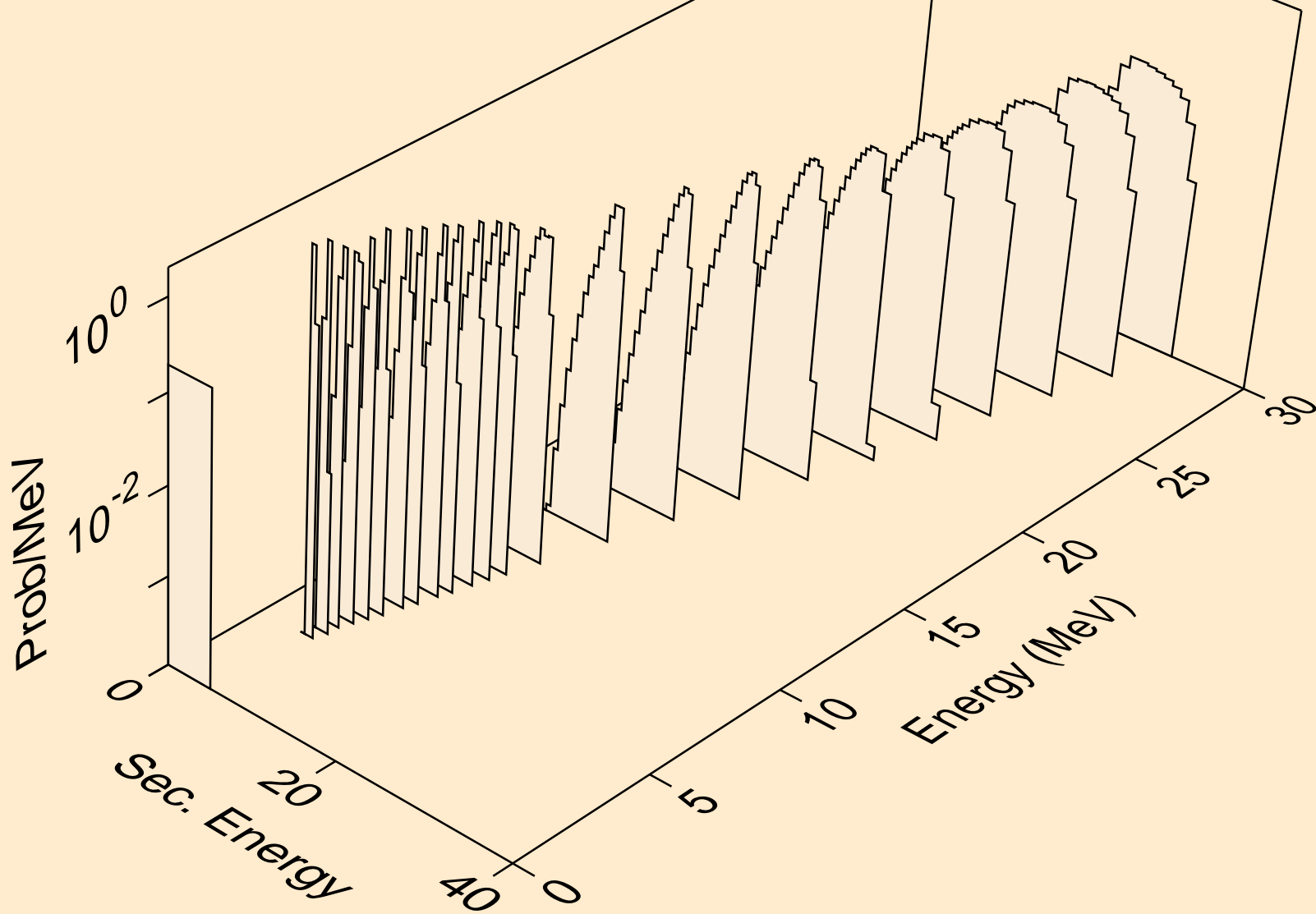
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



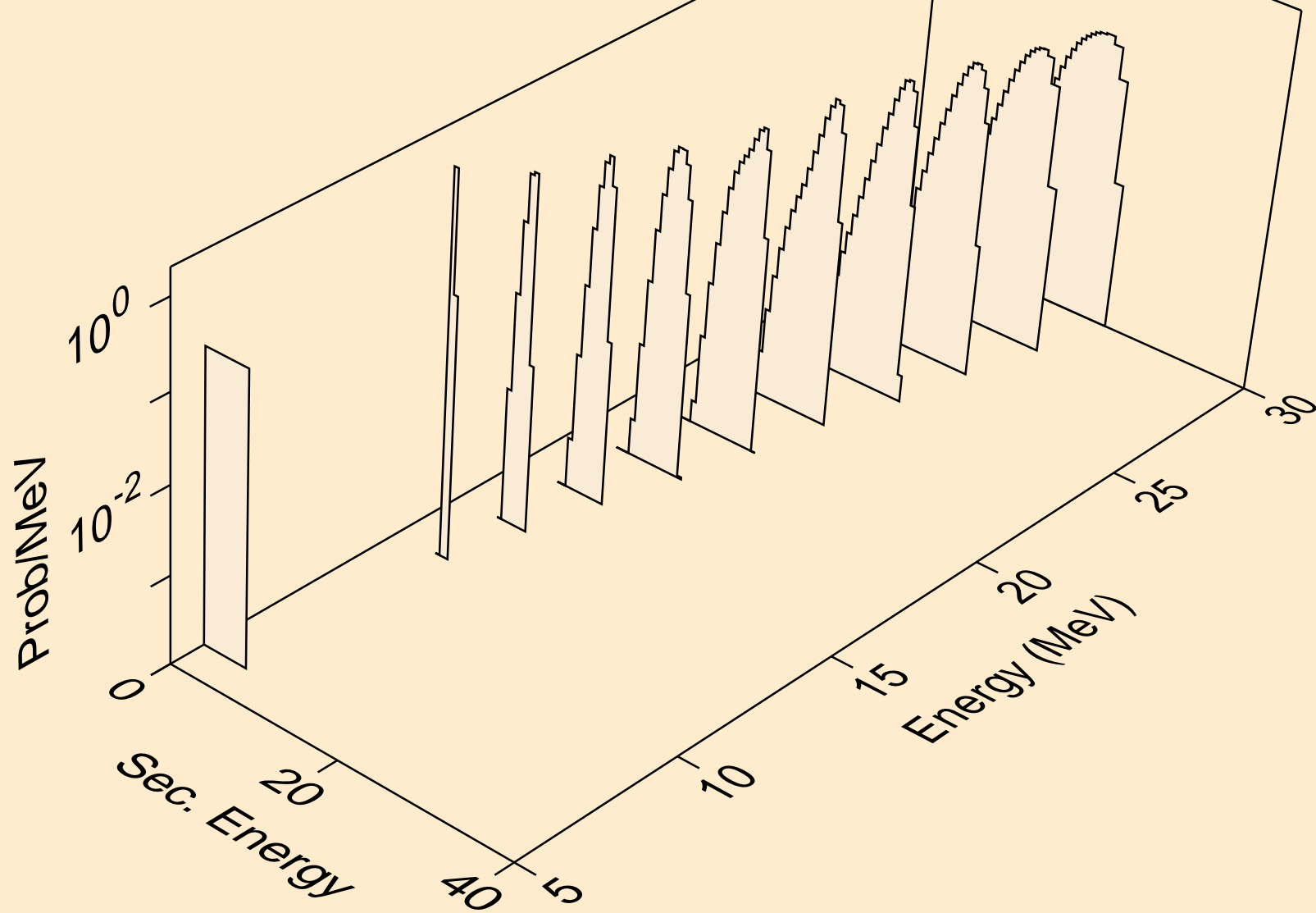
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



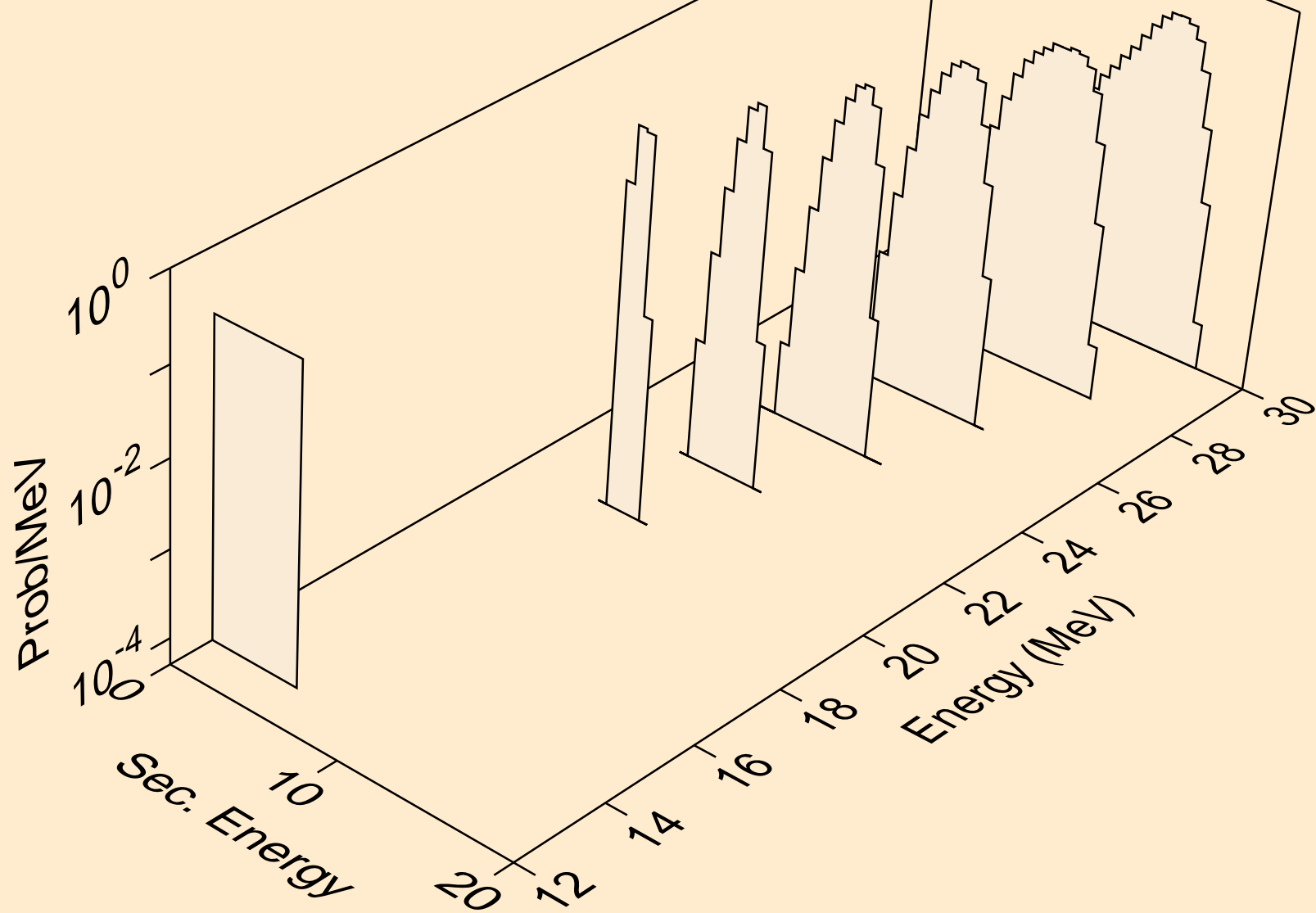
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



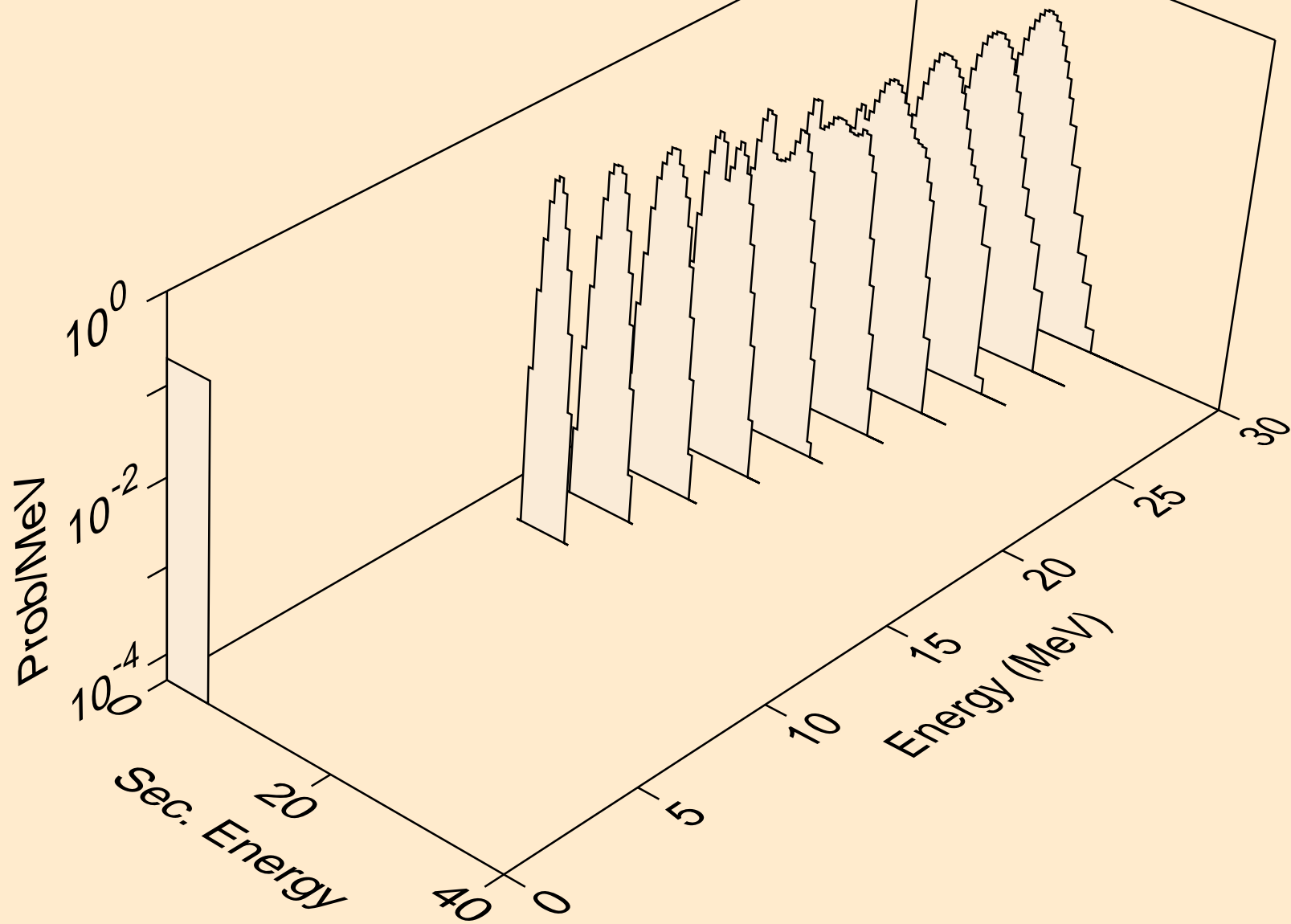
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

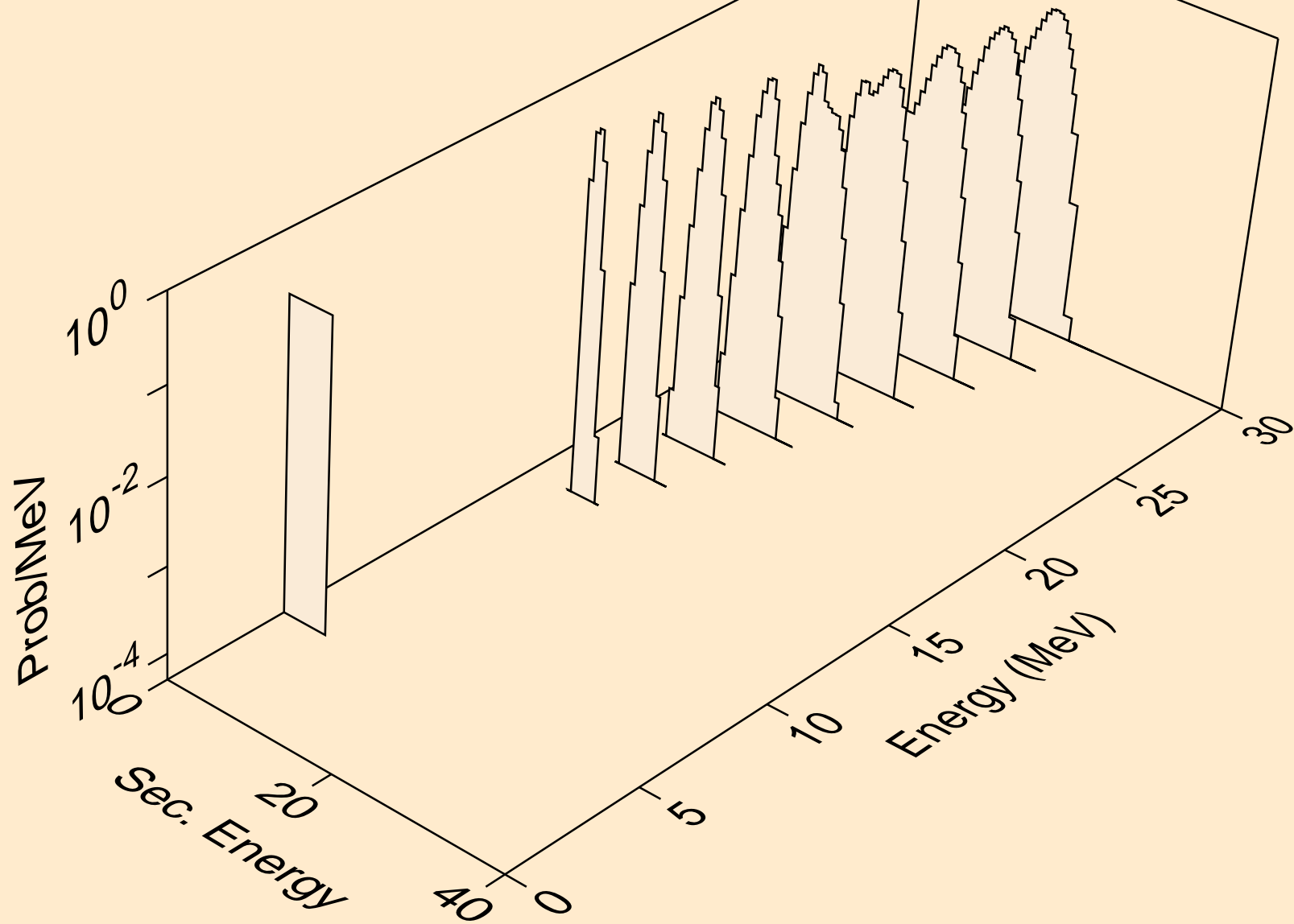


HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

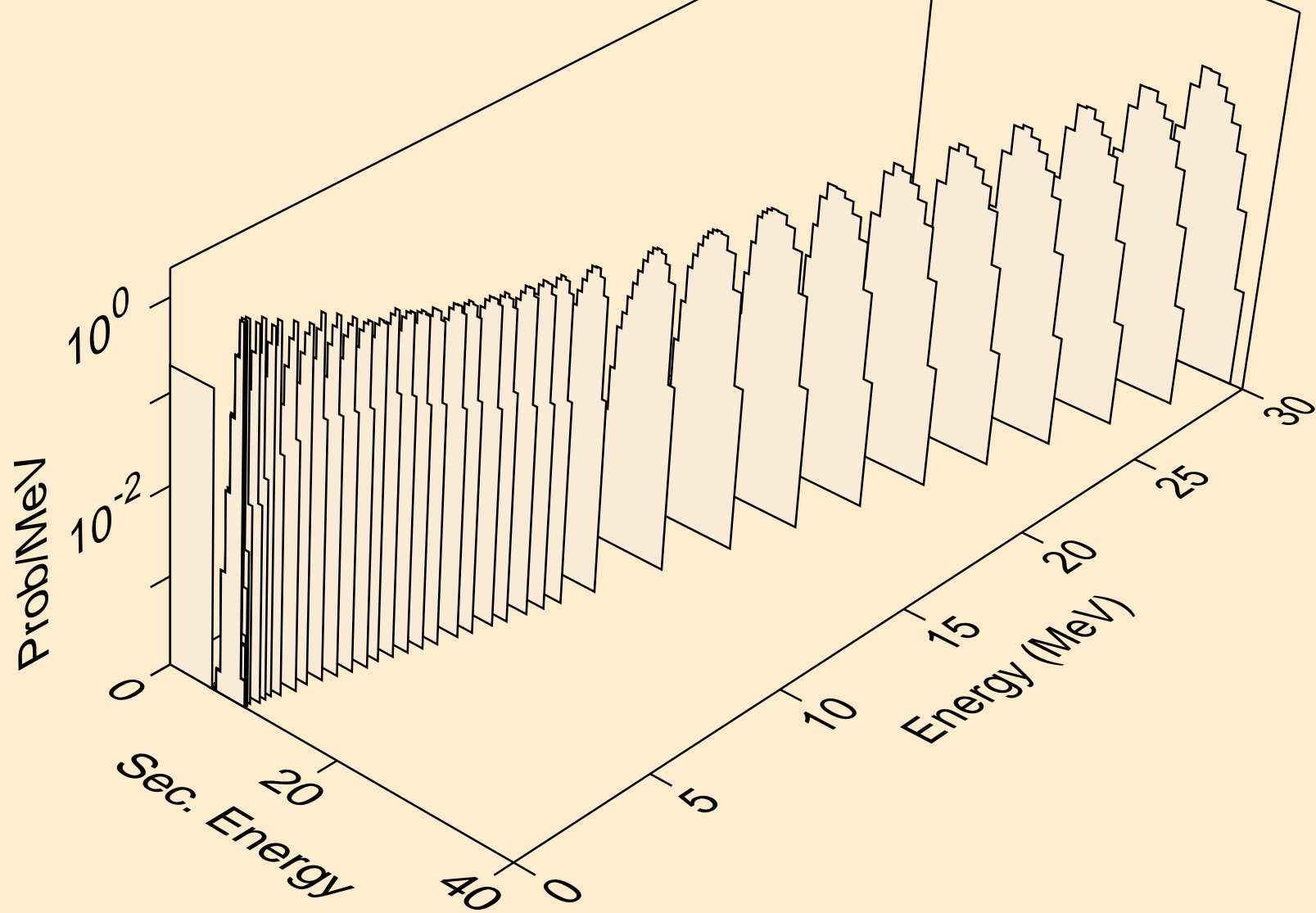




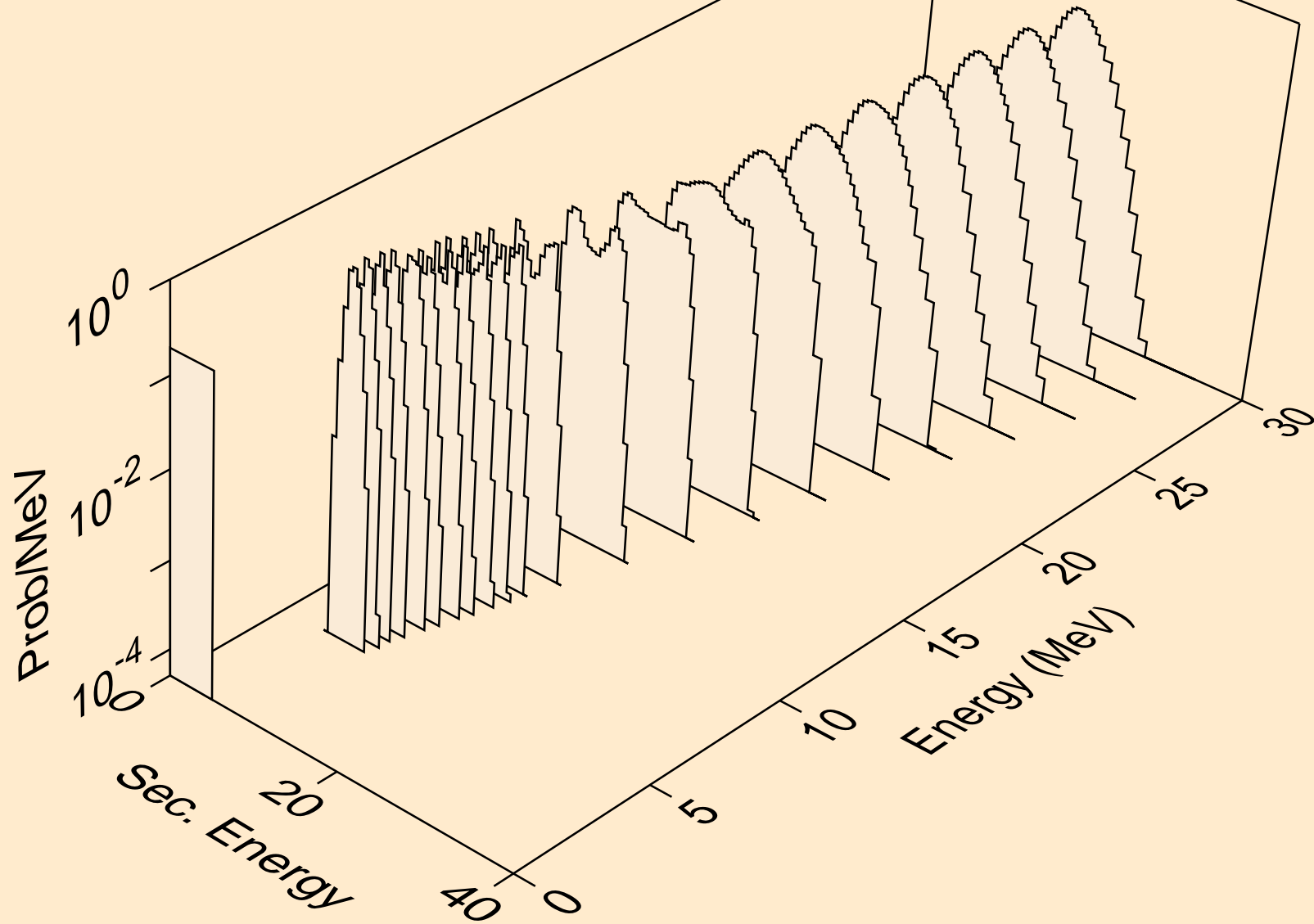
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



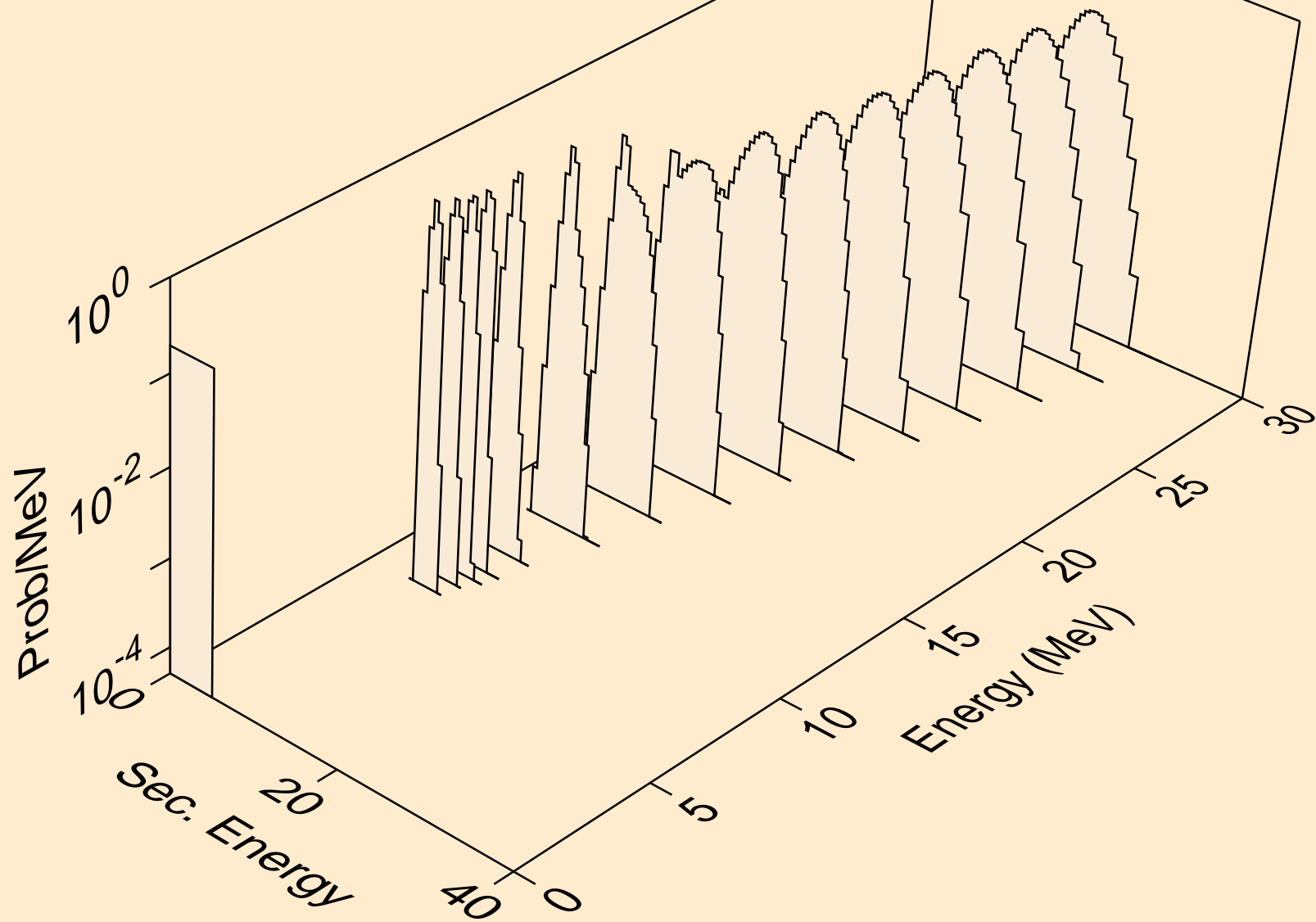
HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



HF174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

