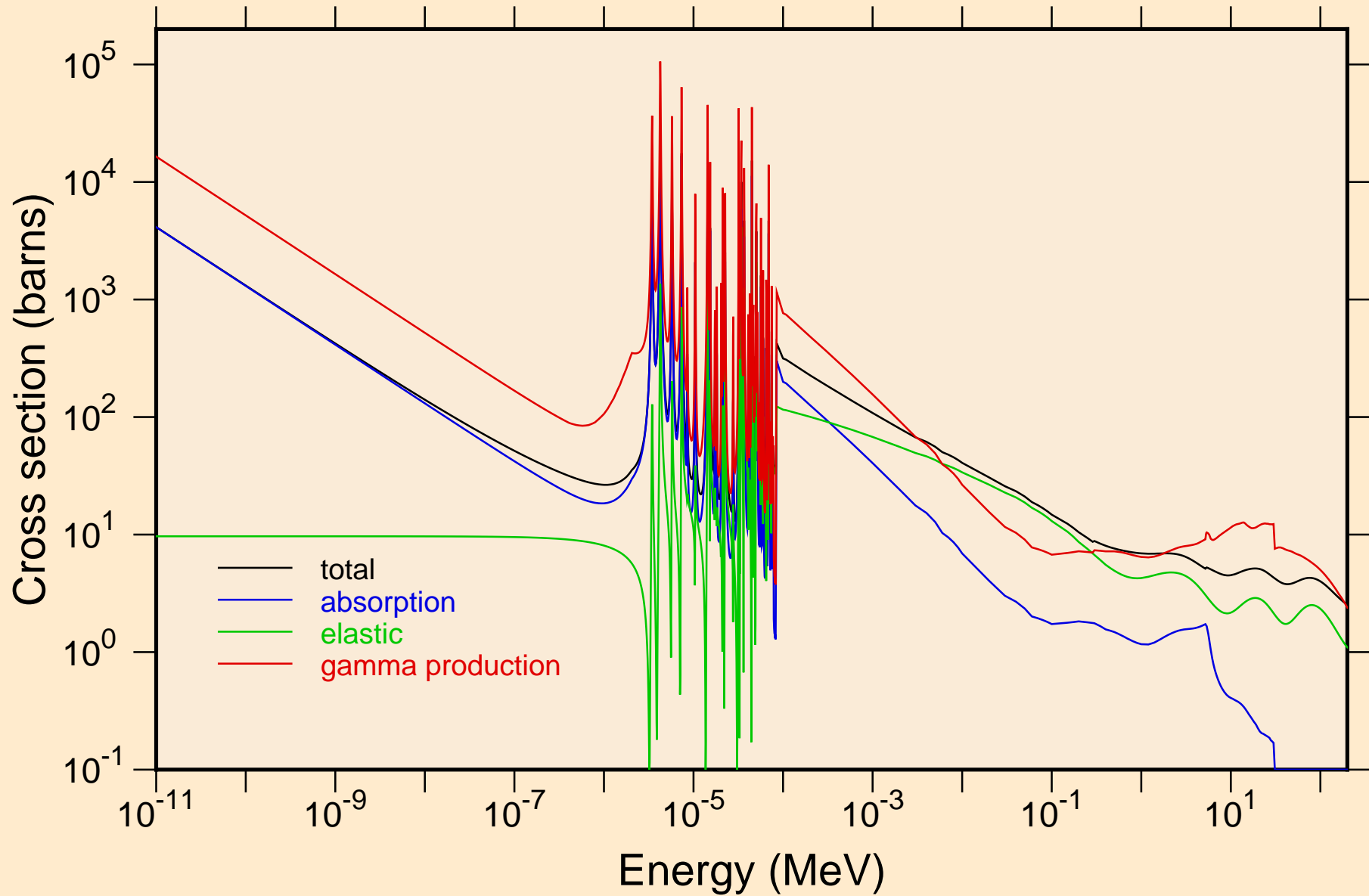
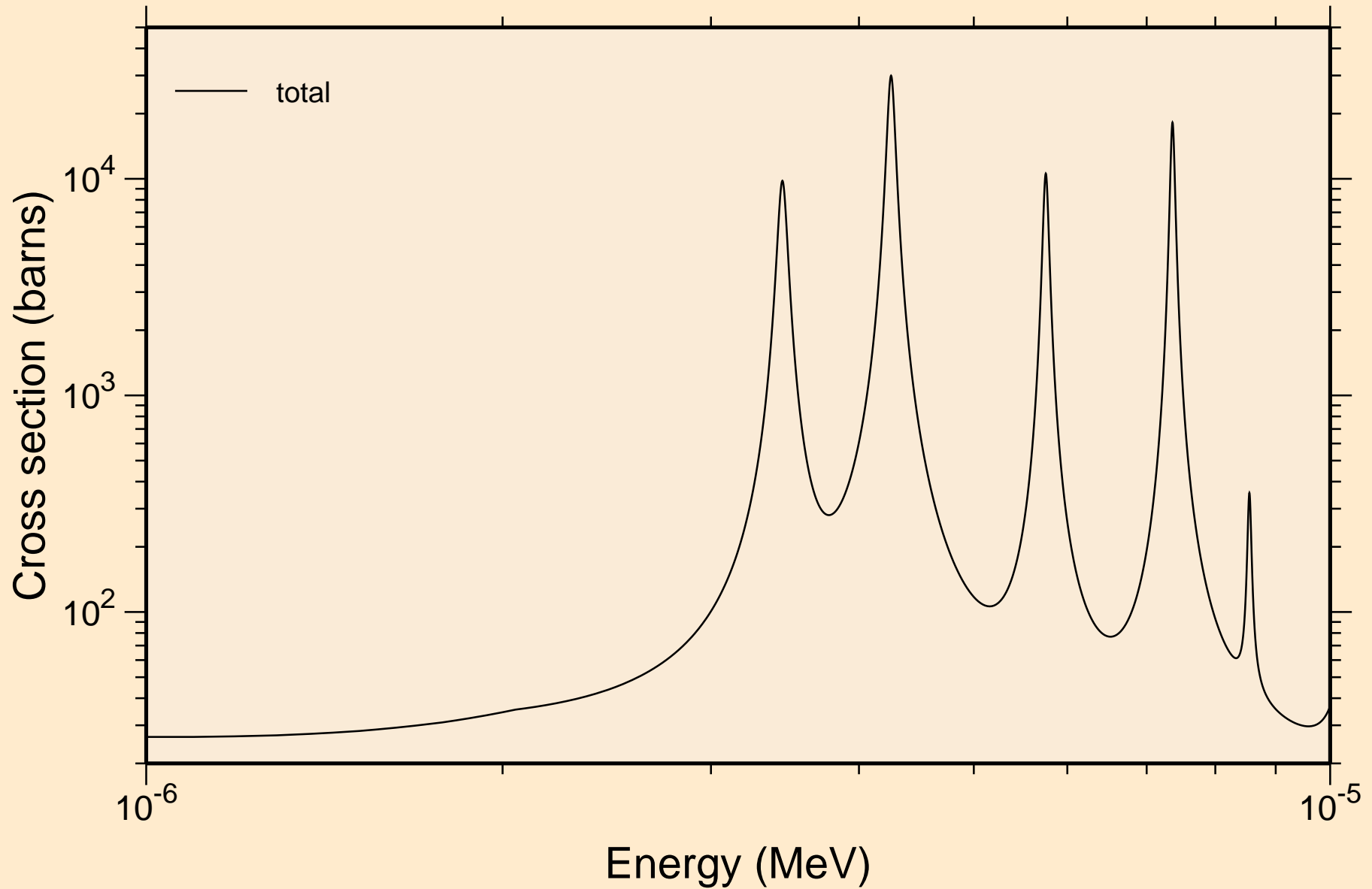


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

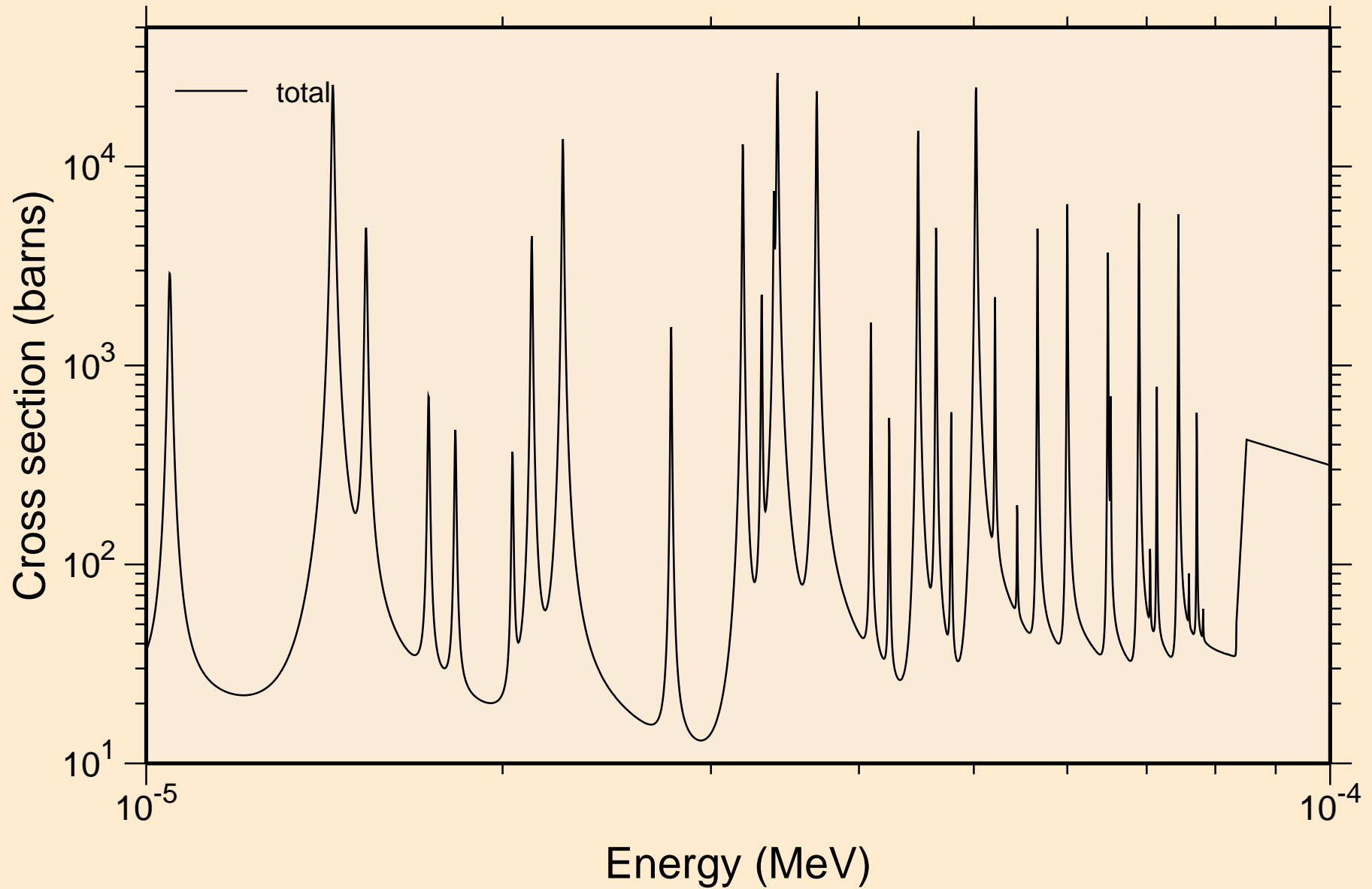
## Principal cross sections



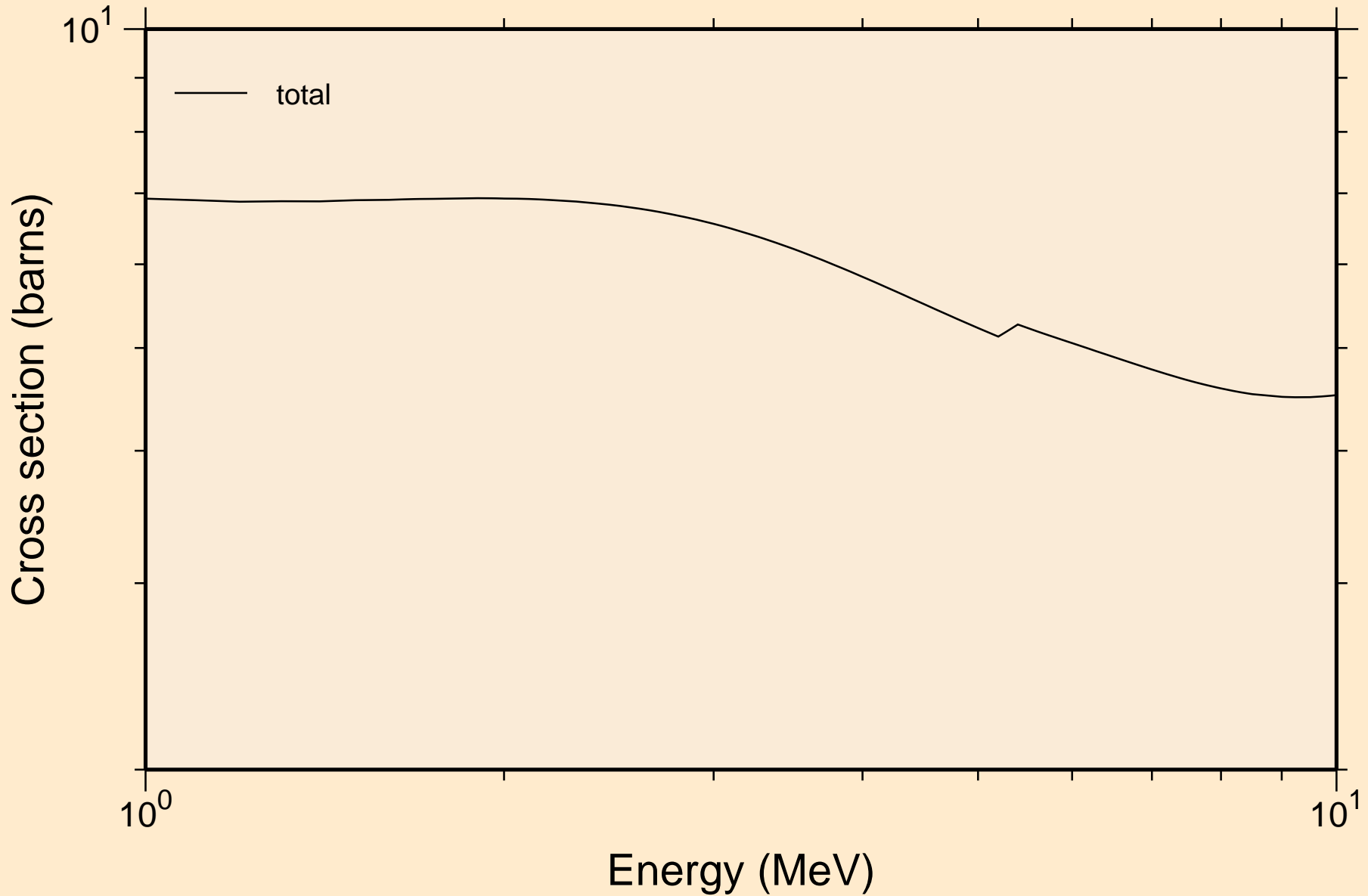
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



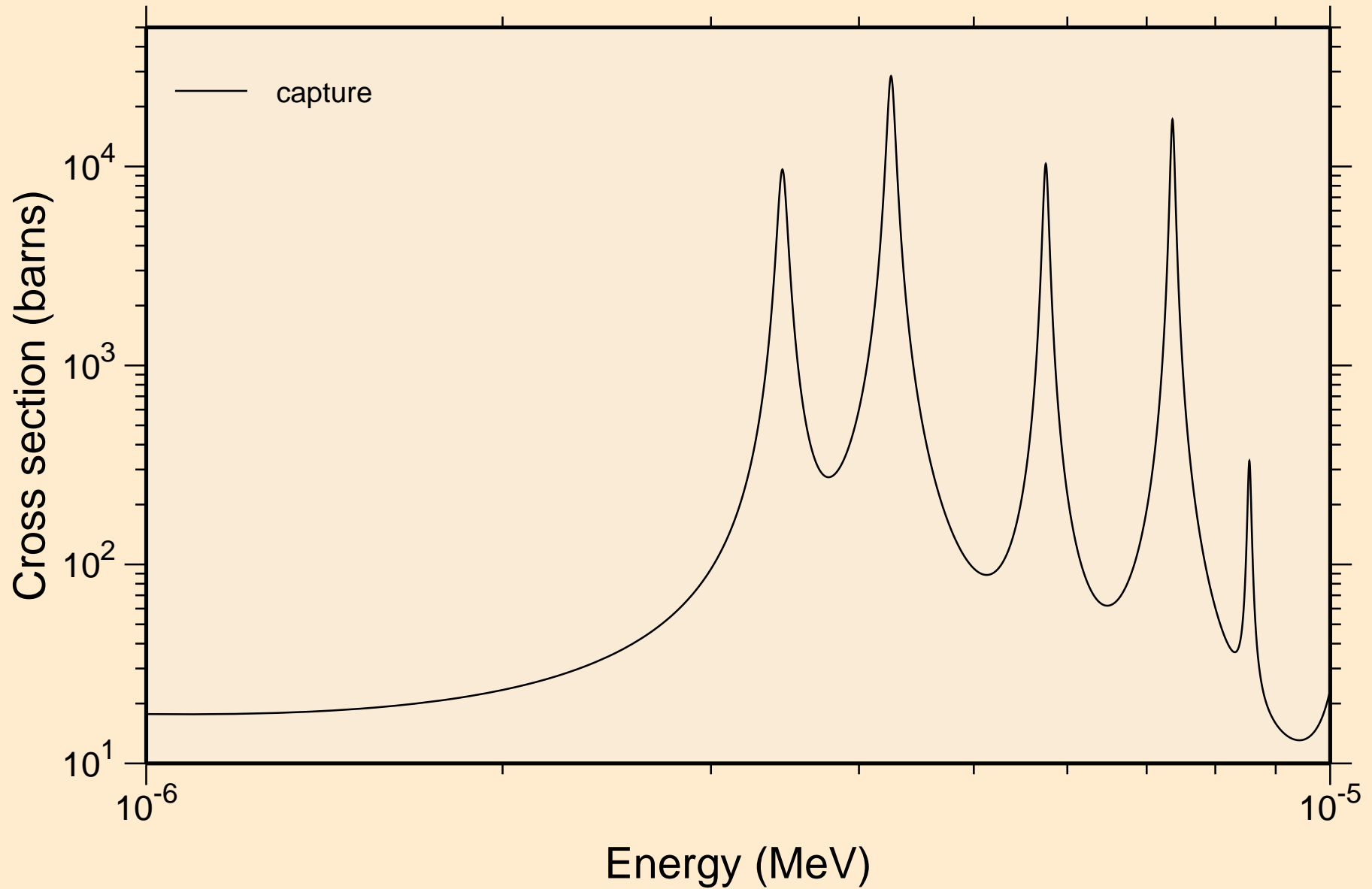
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



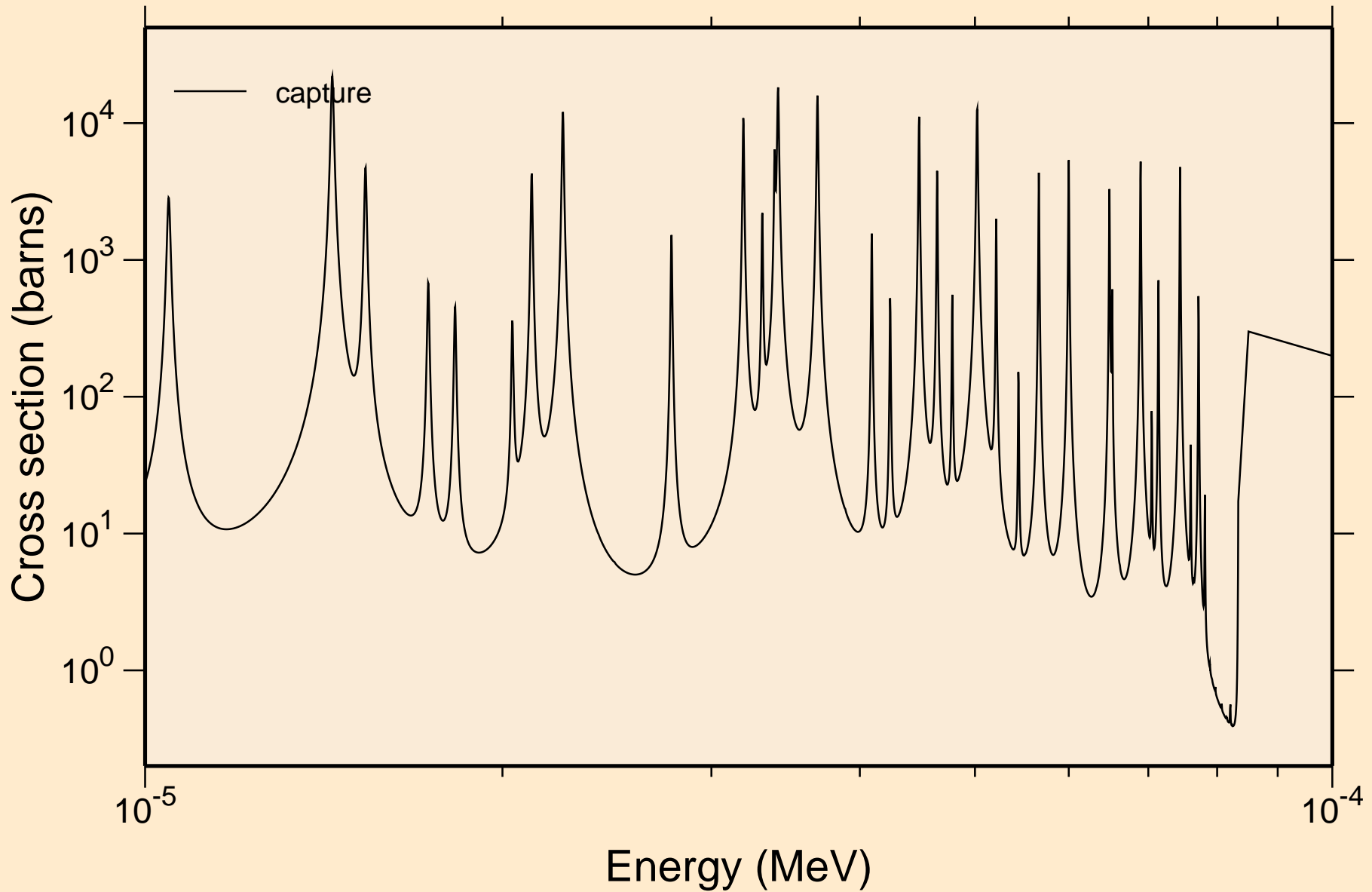
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



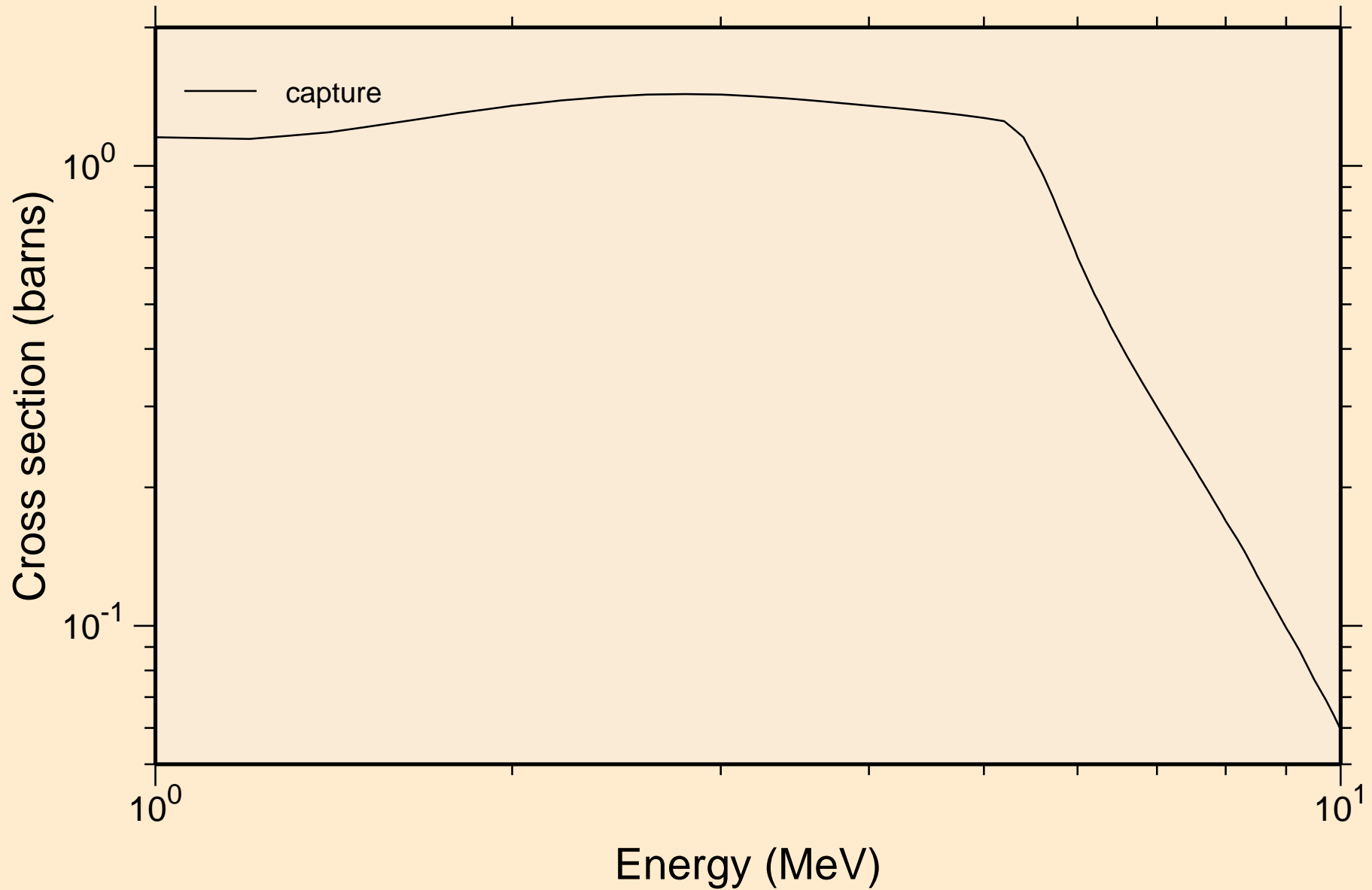
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

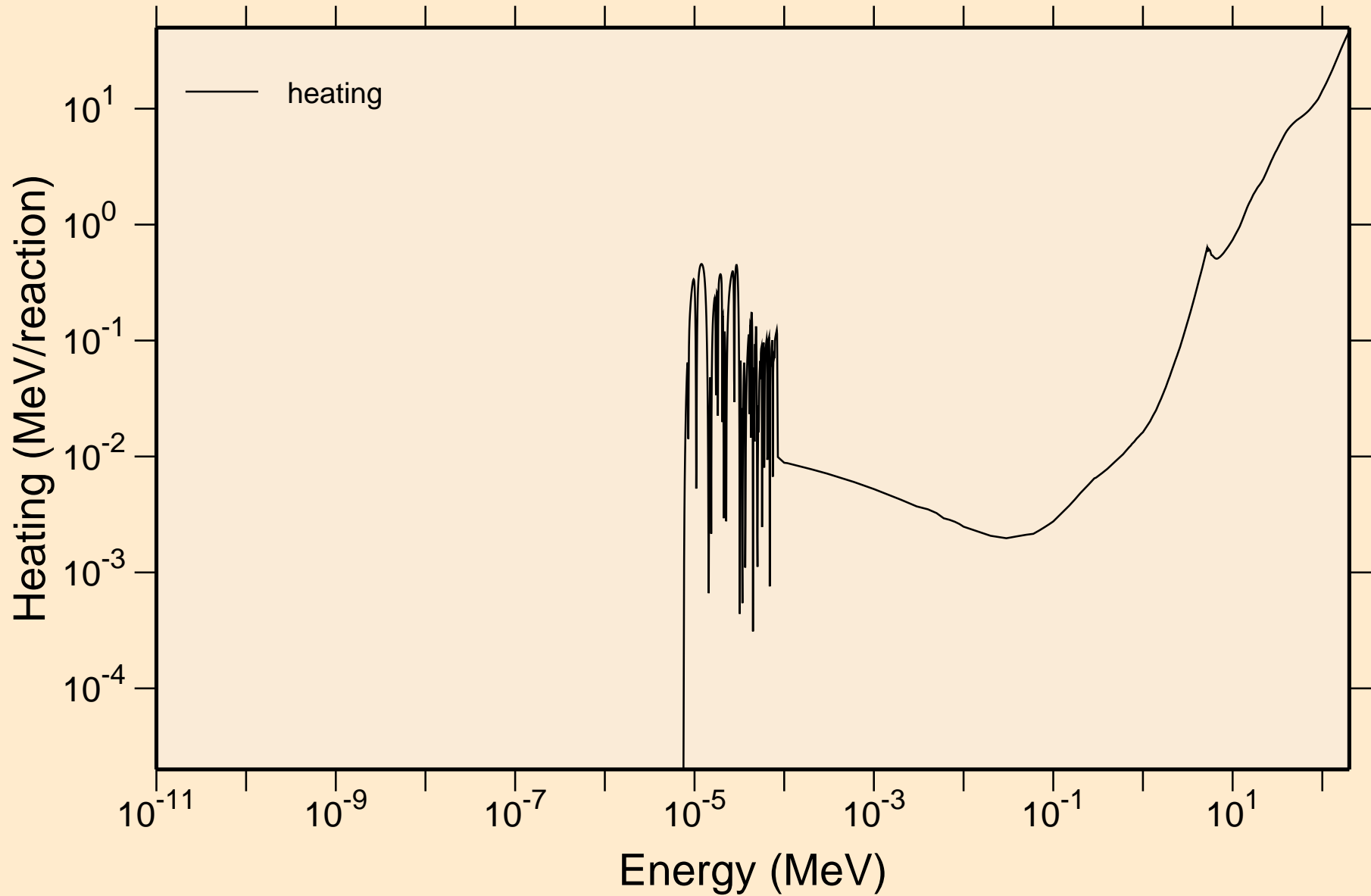


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



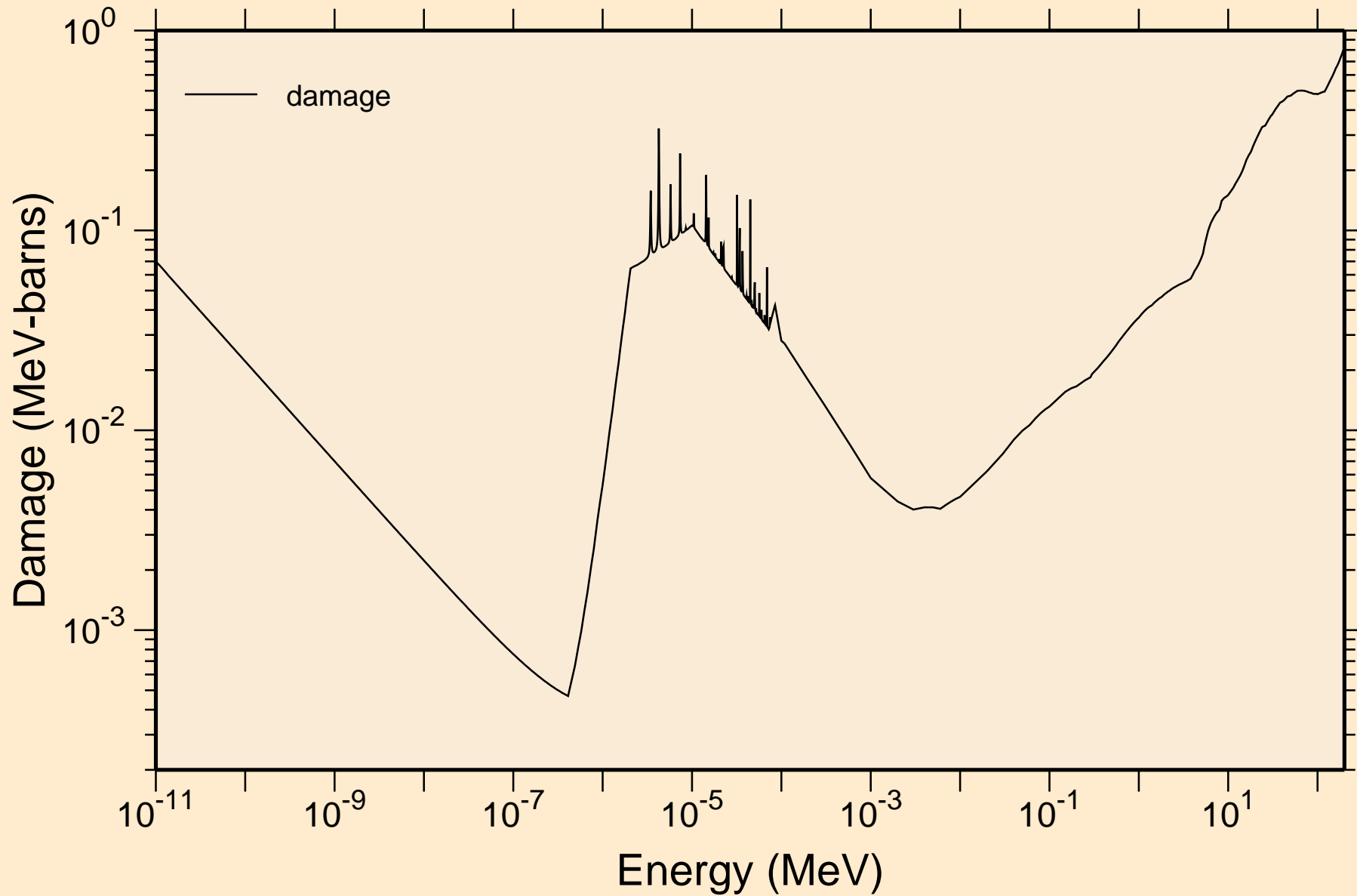
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



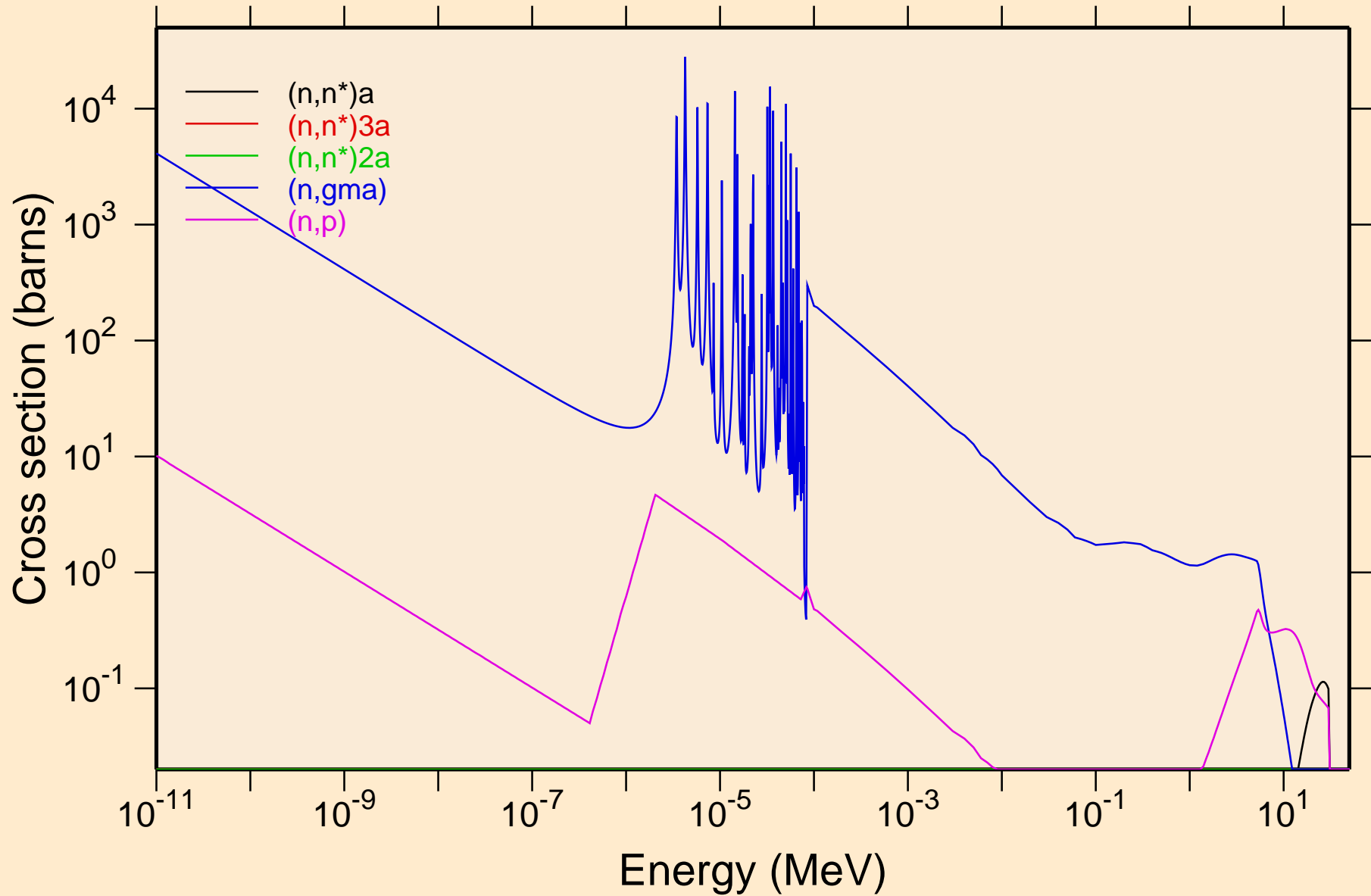


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



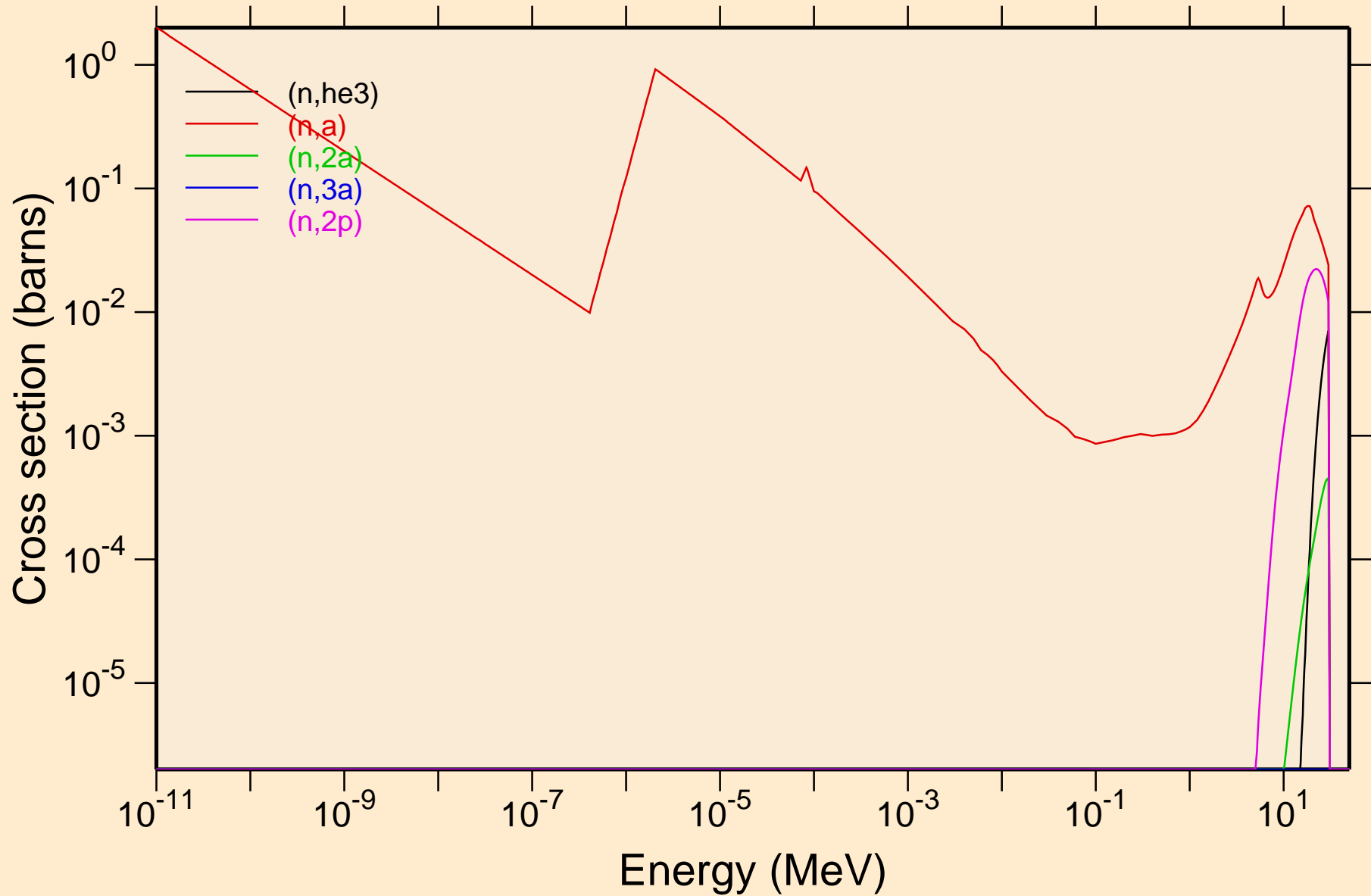
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



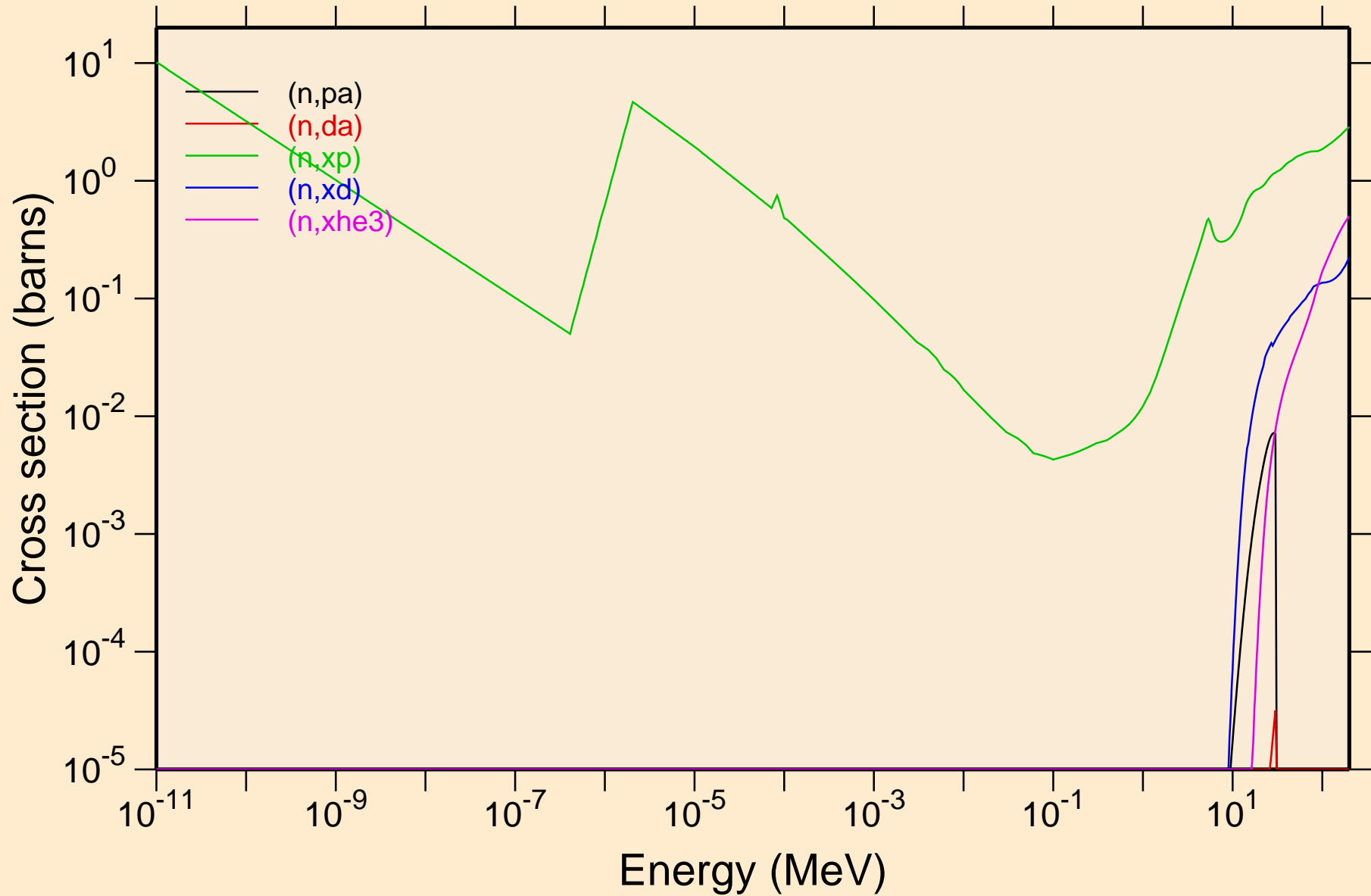
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

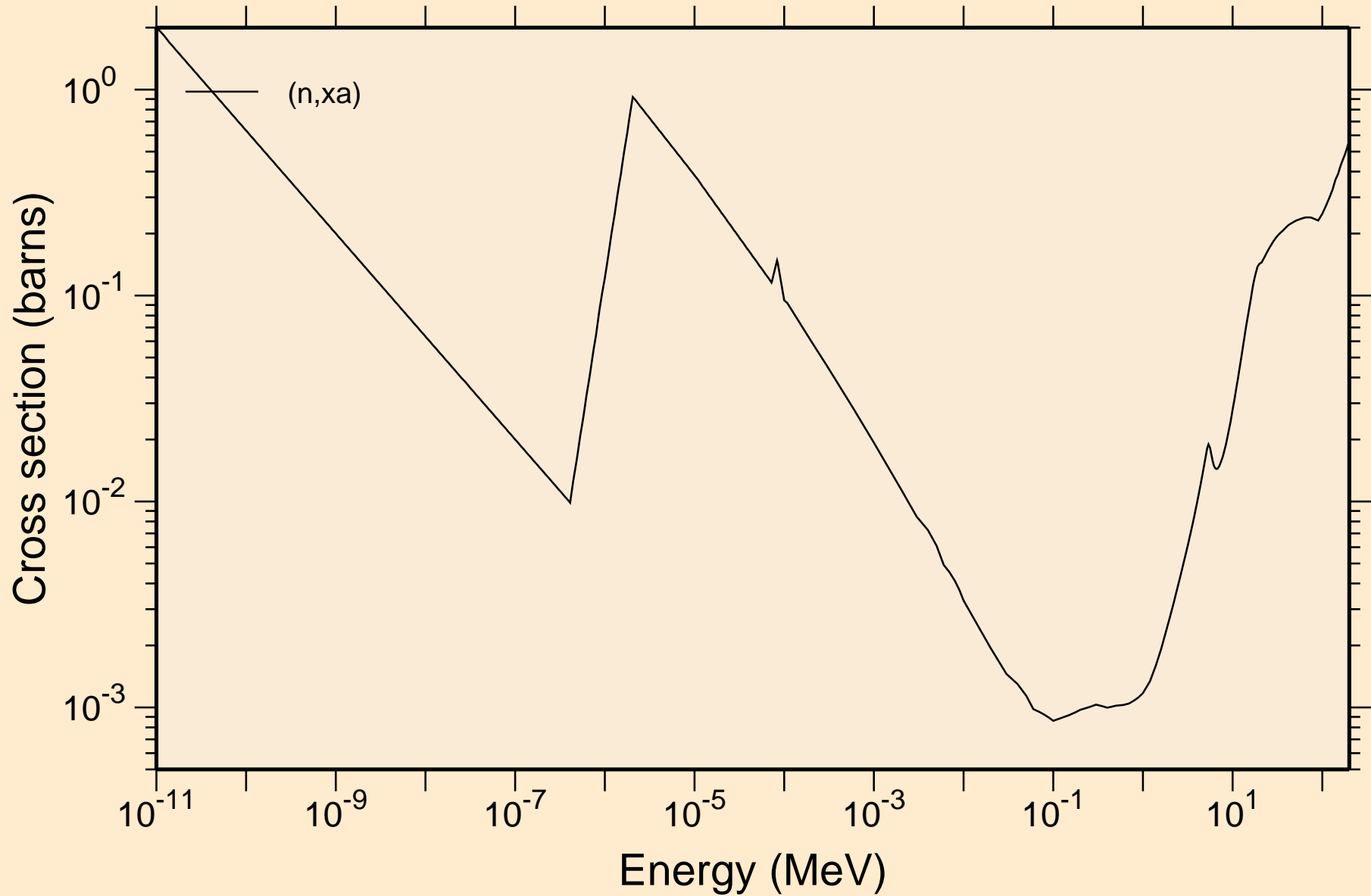


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

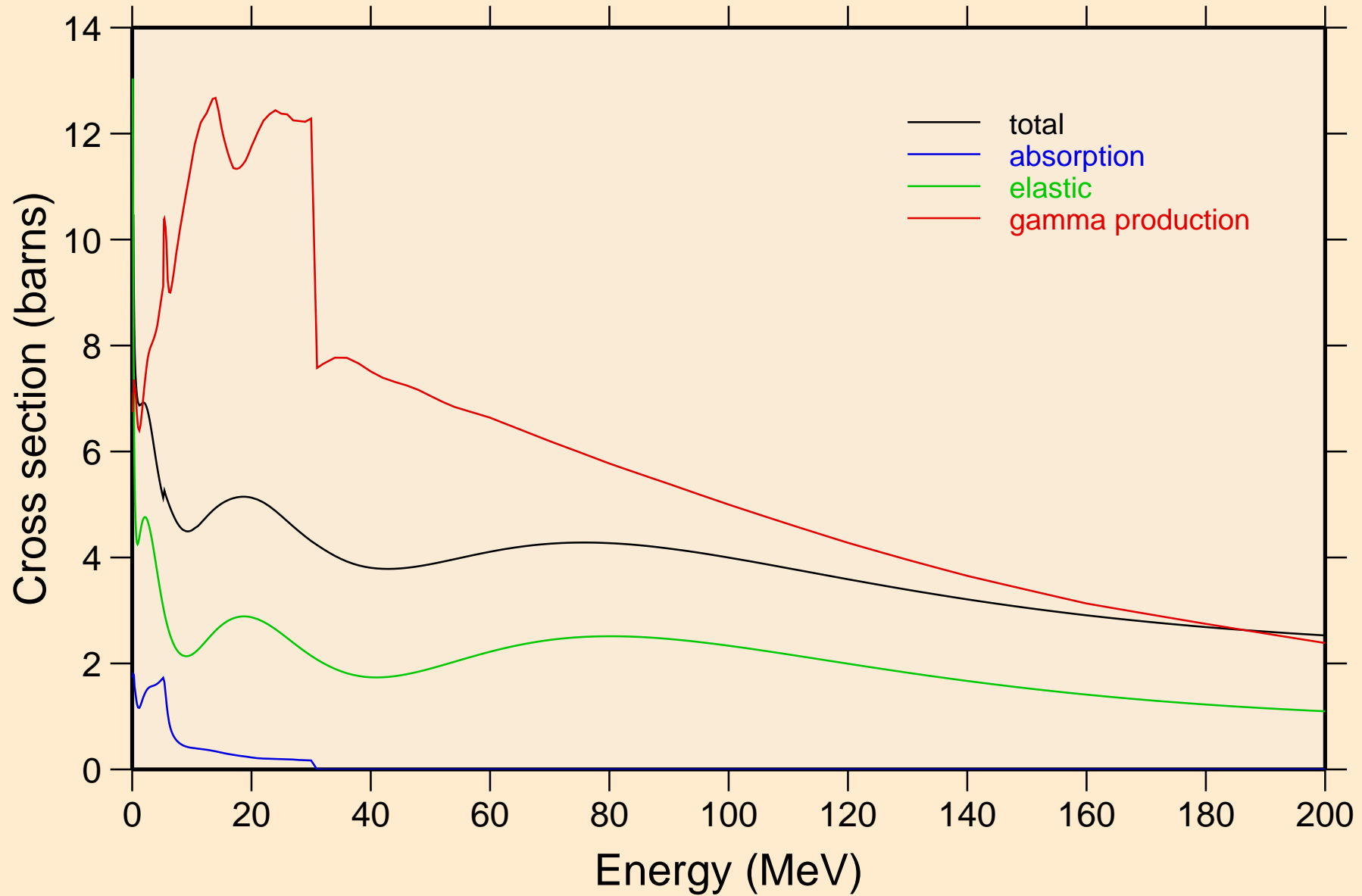


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



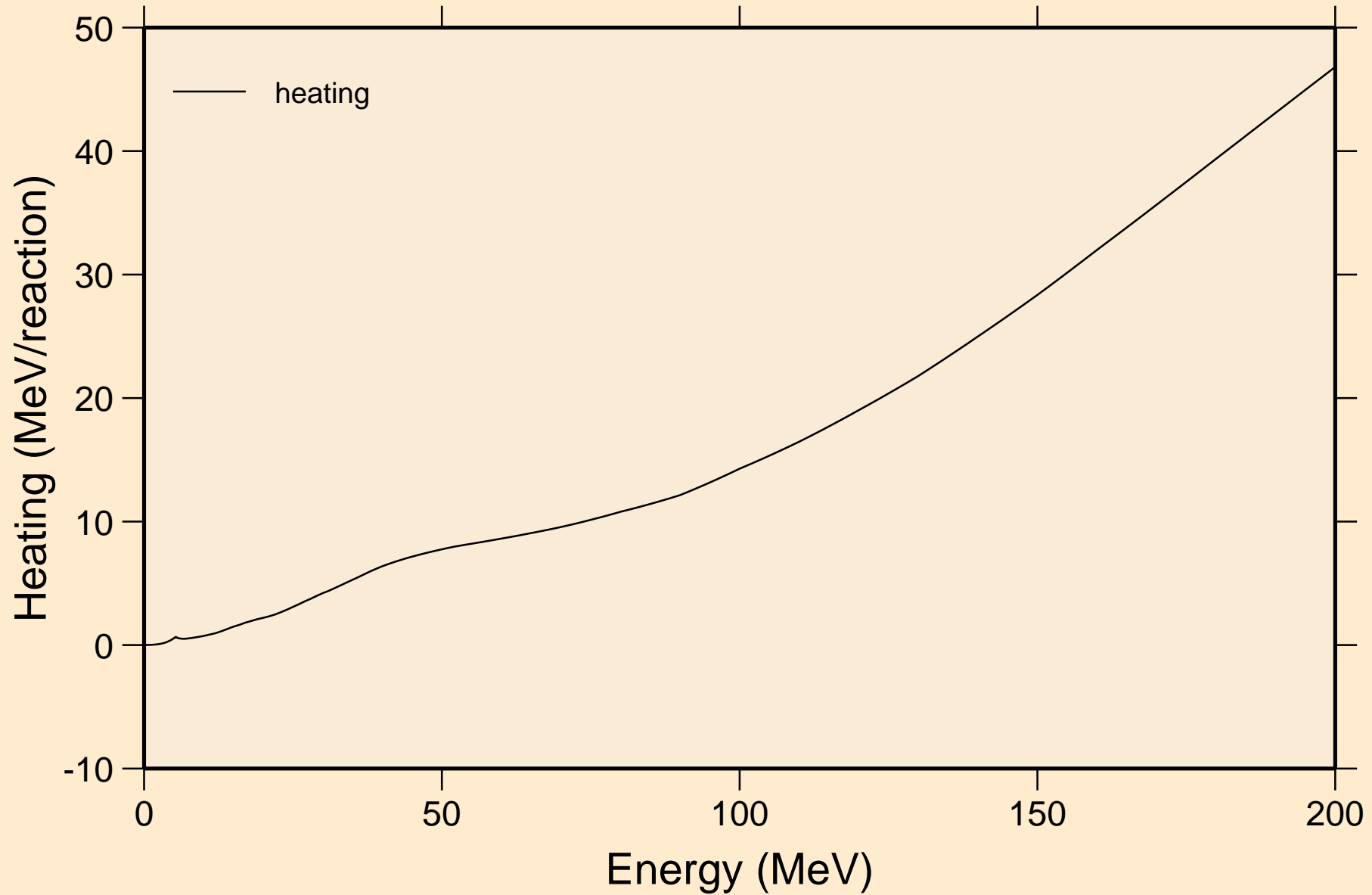
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

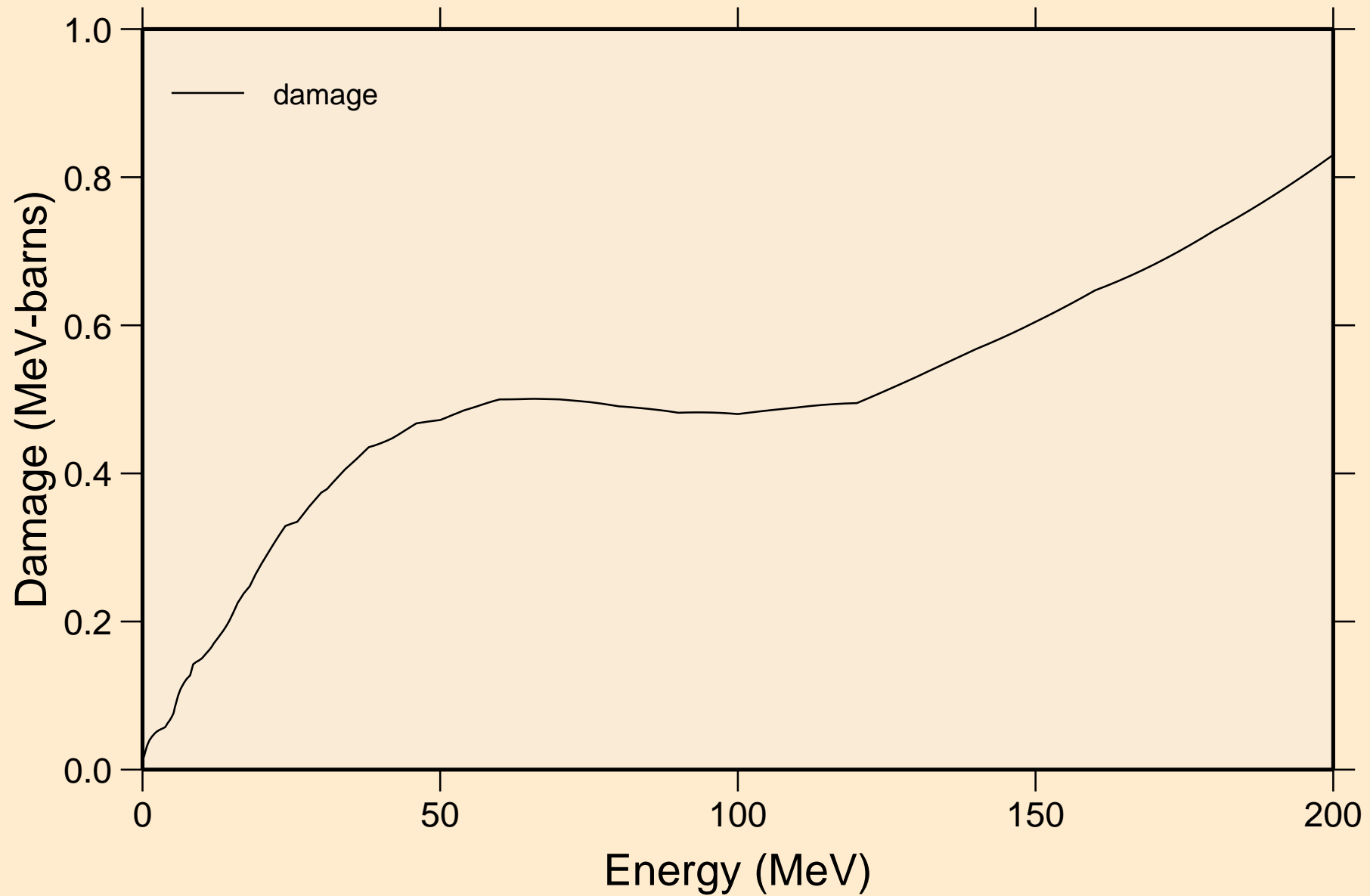


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



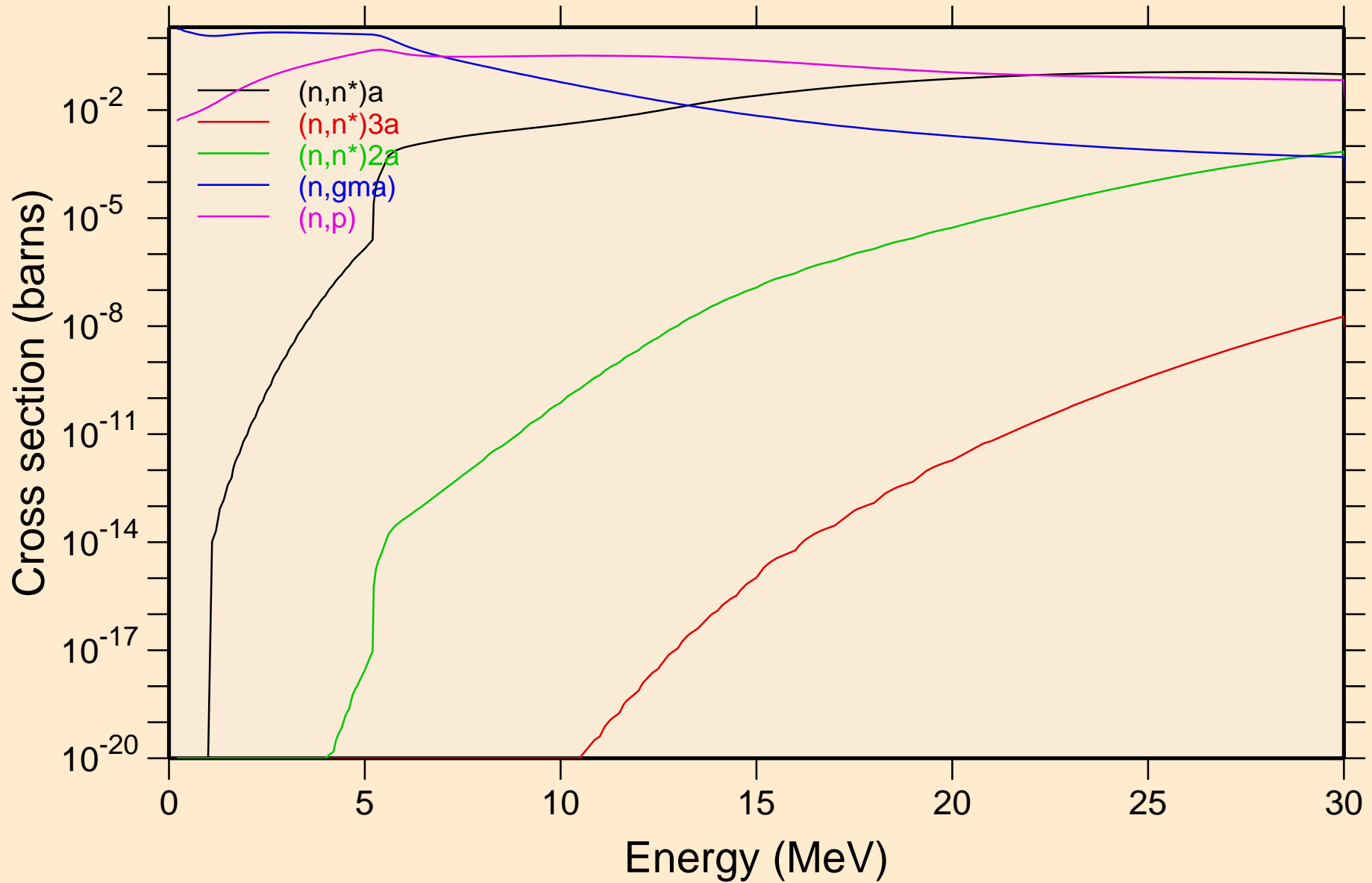
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



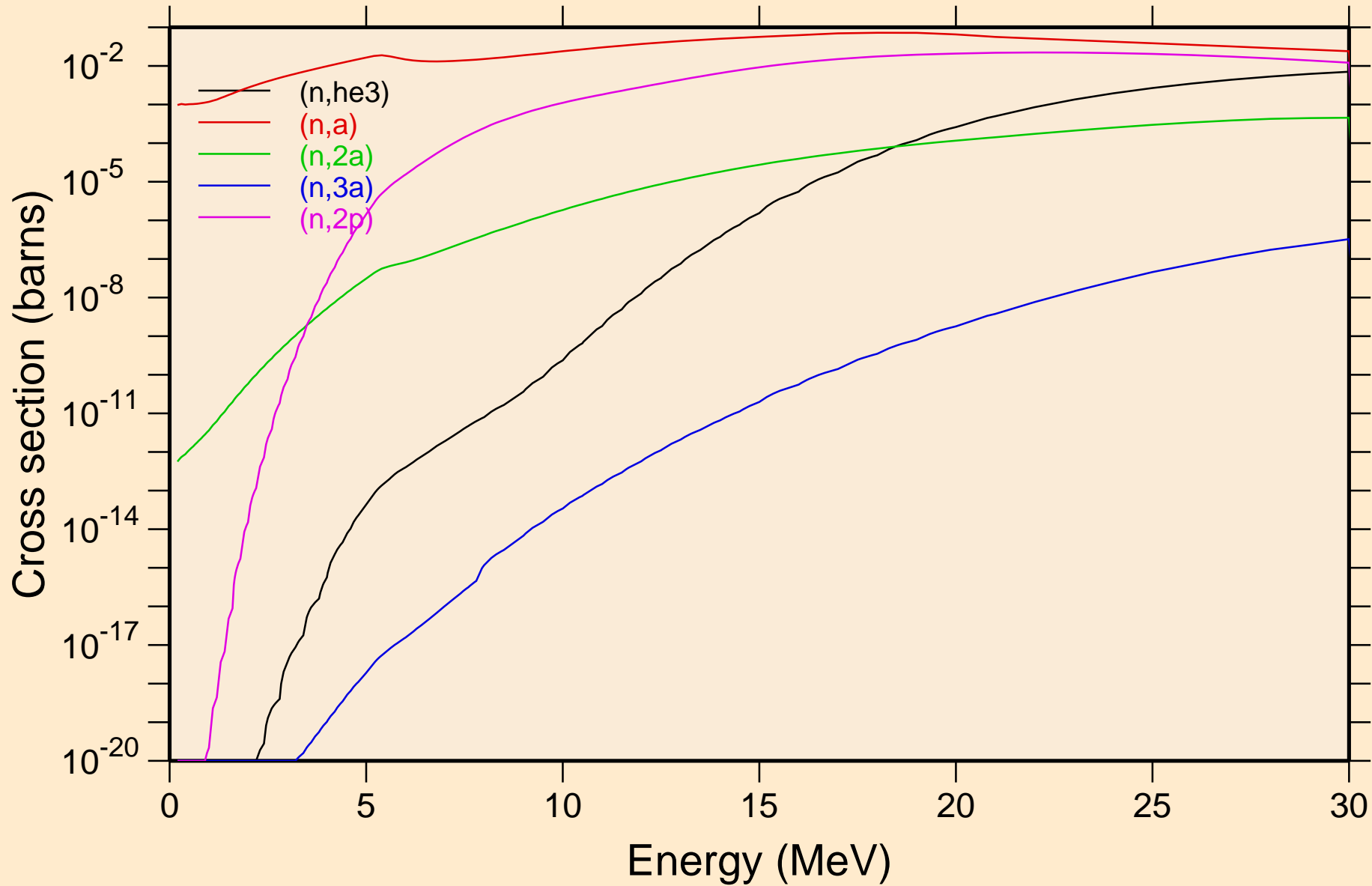


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

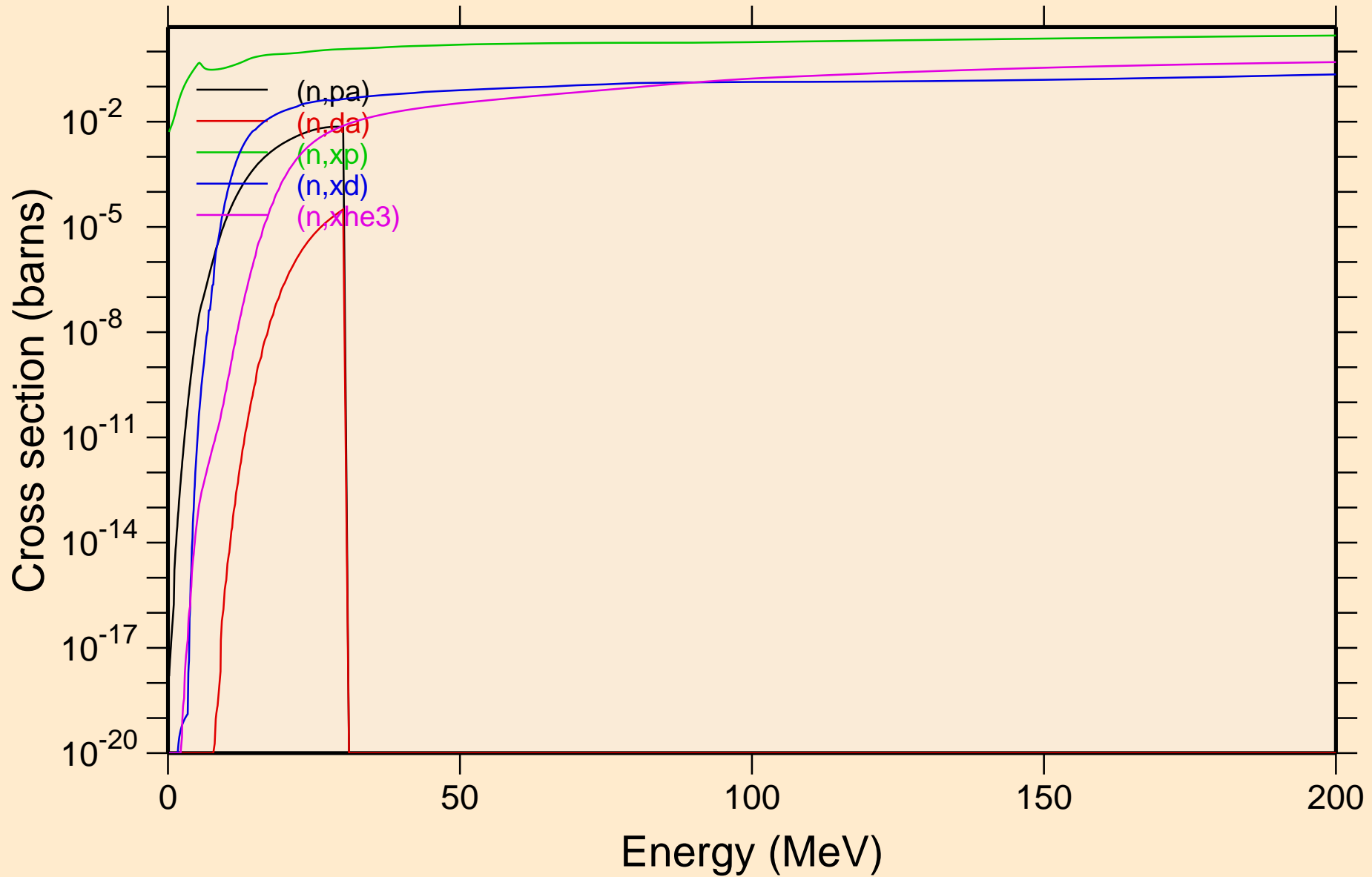


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

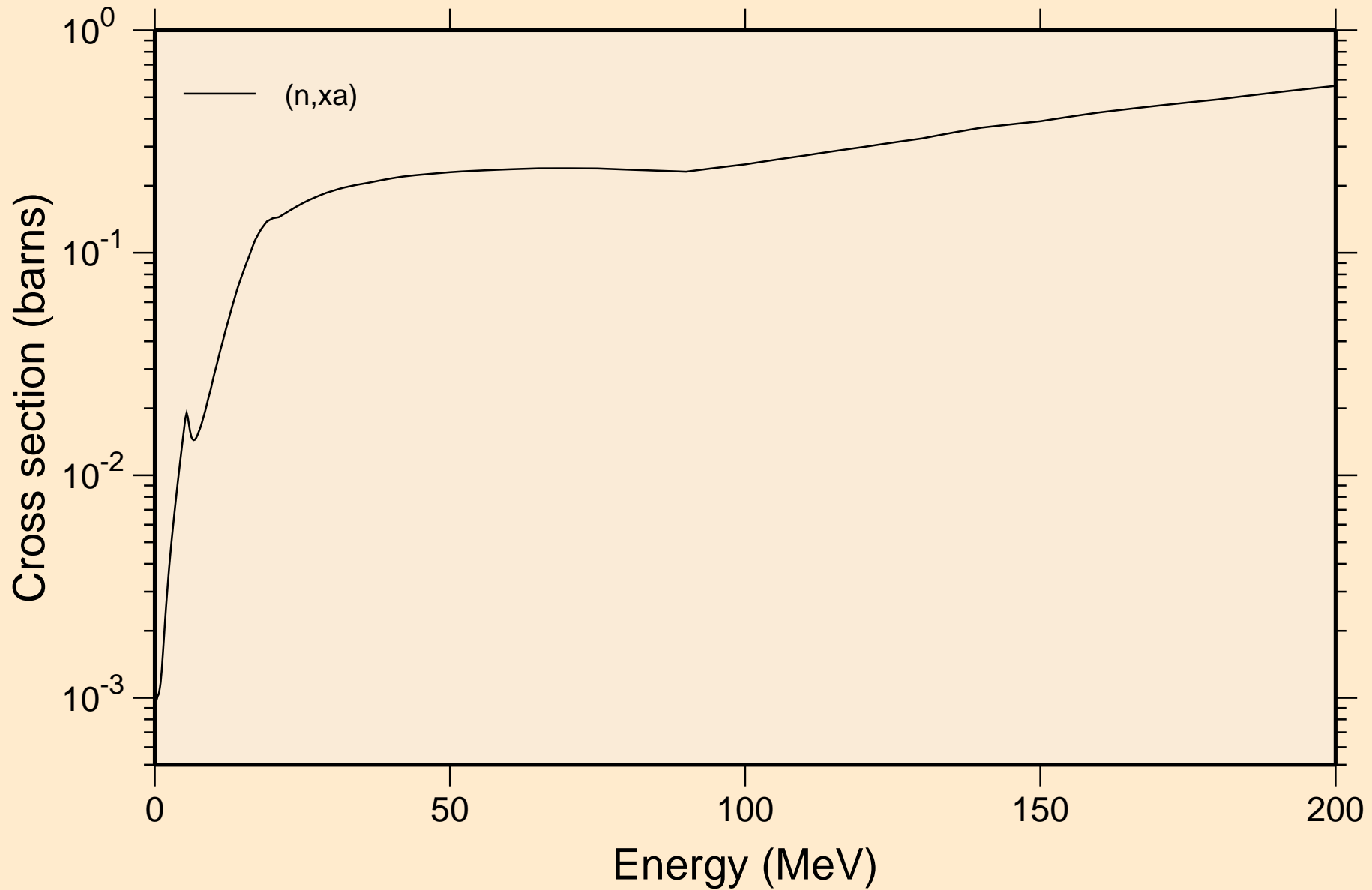


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

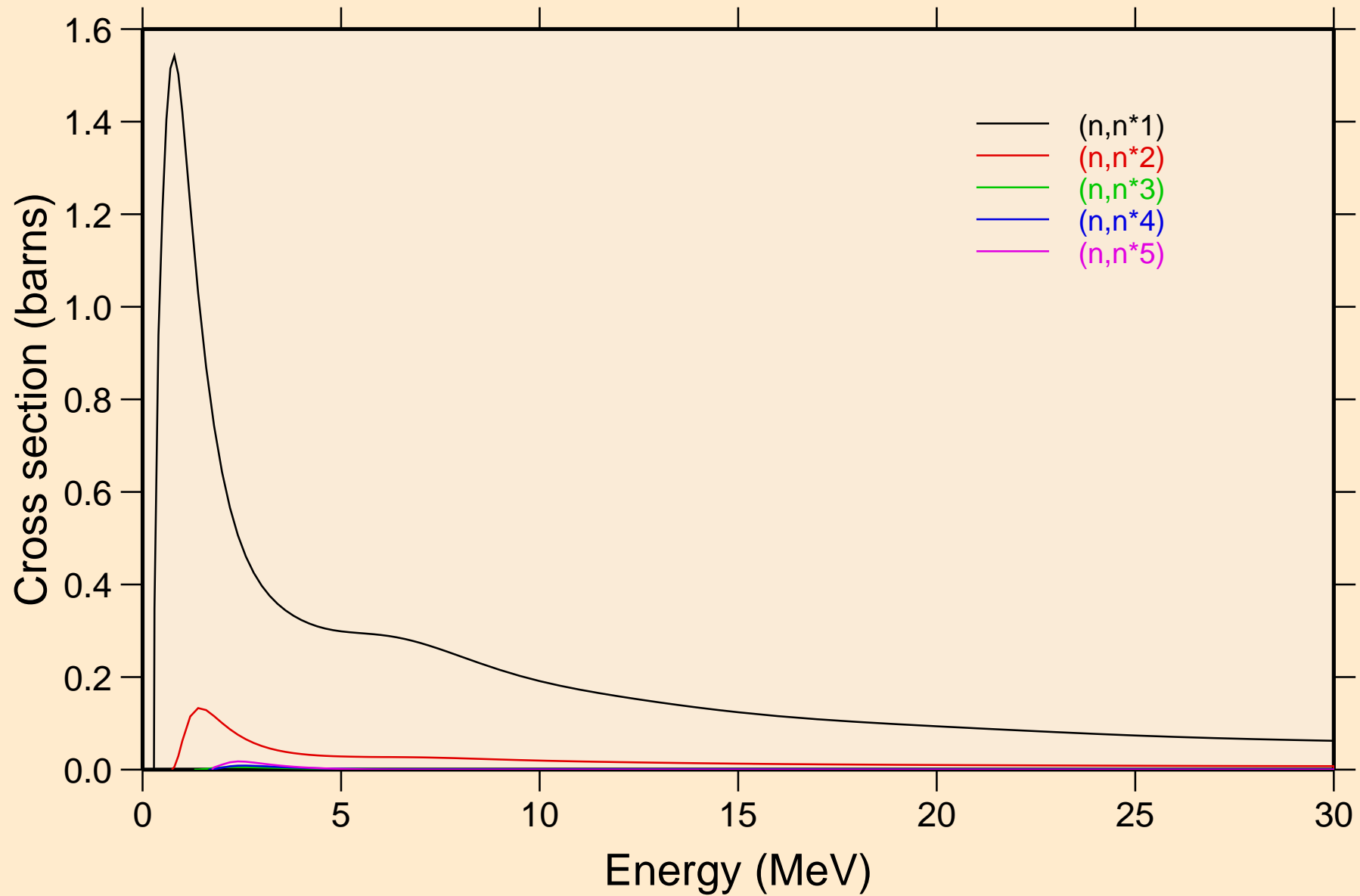


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



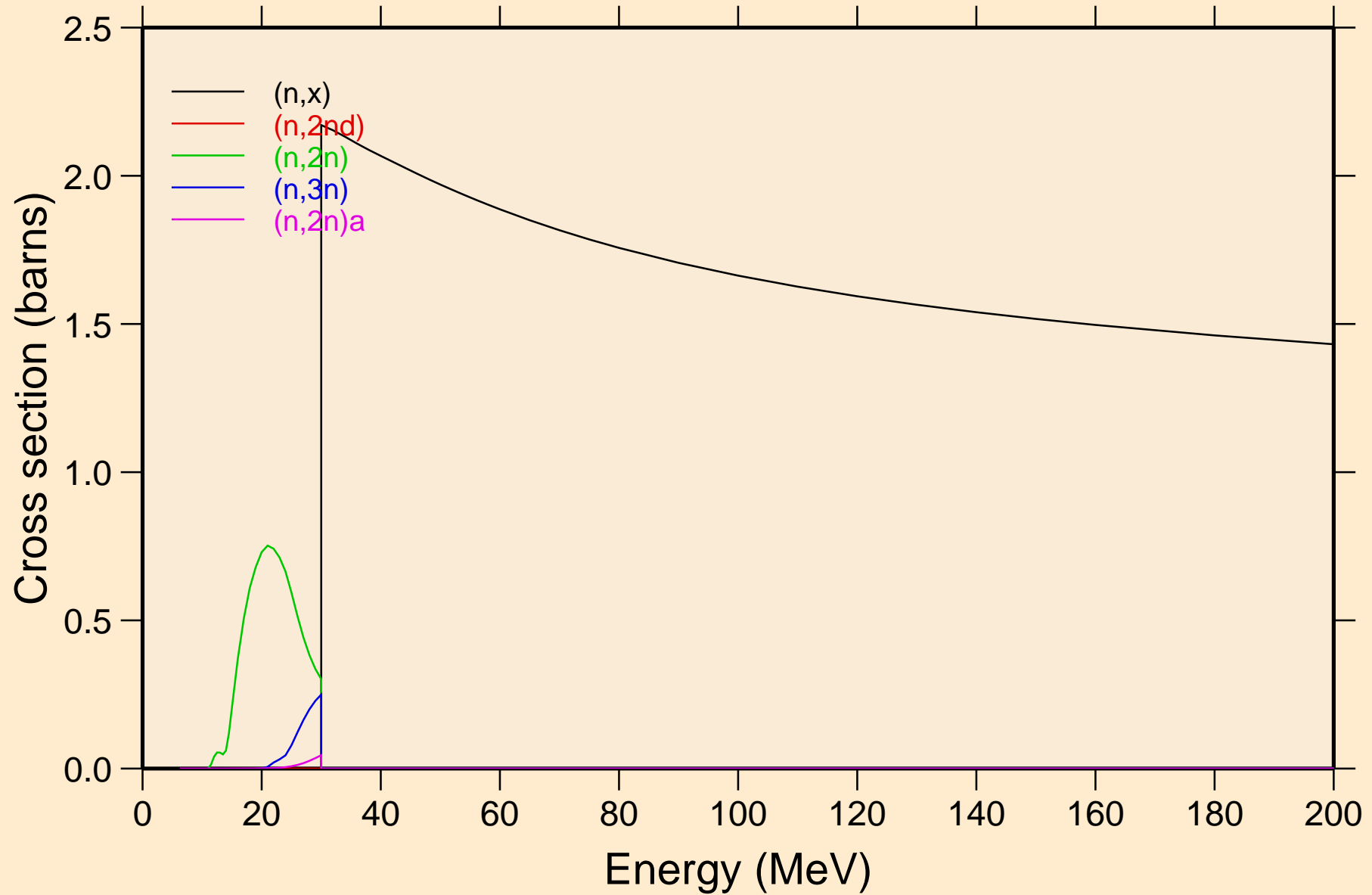
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



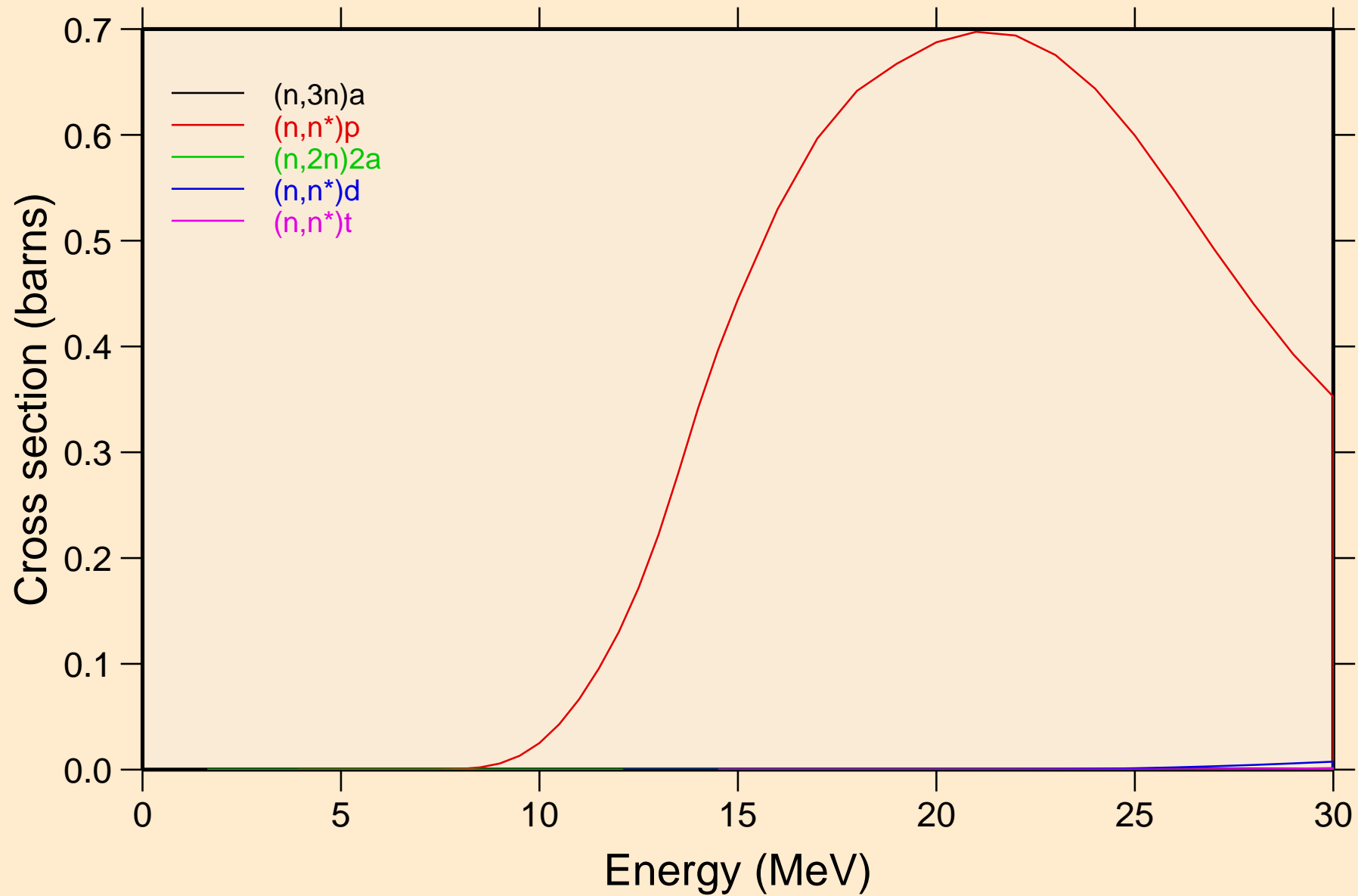
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



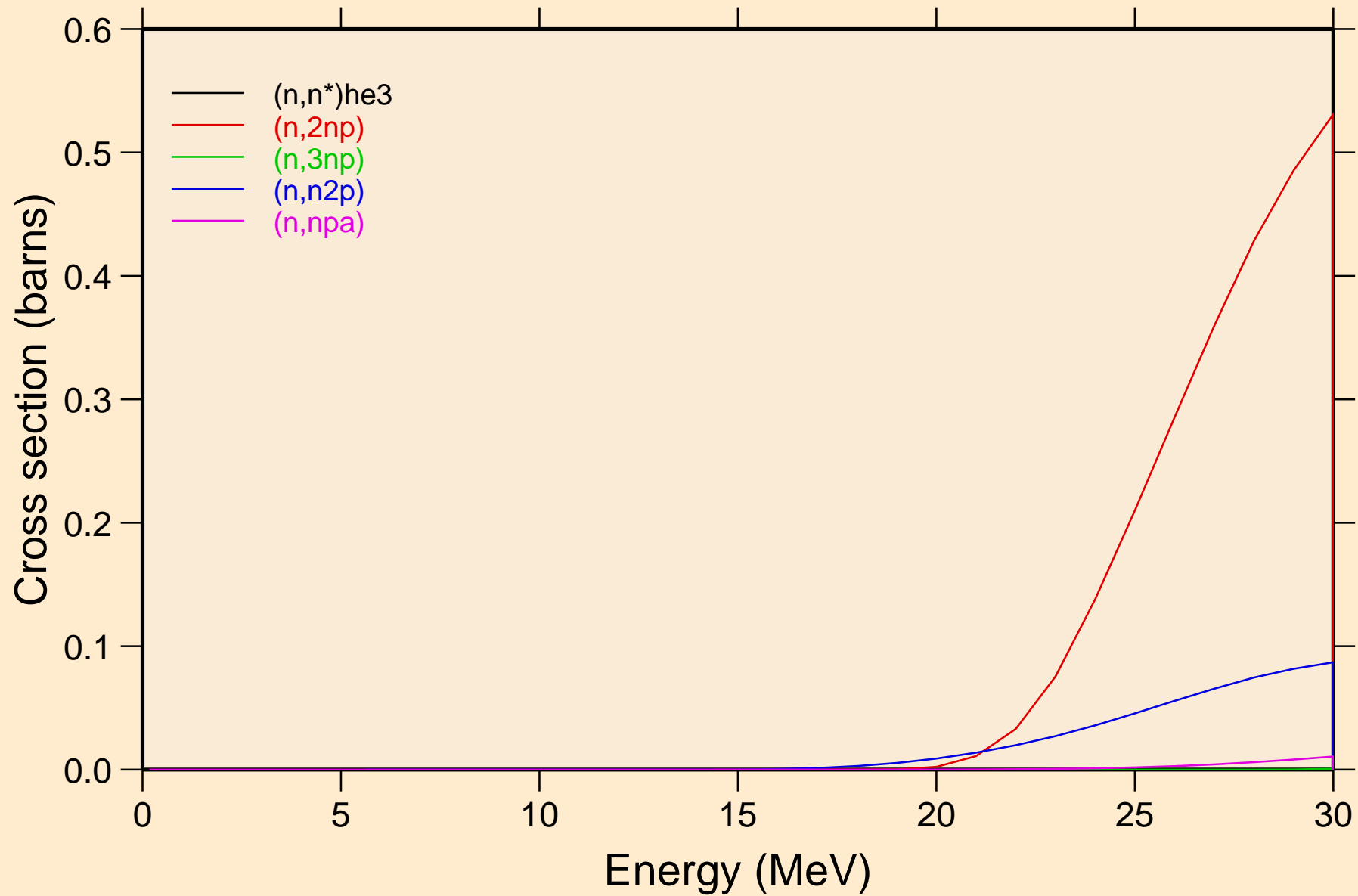
# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

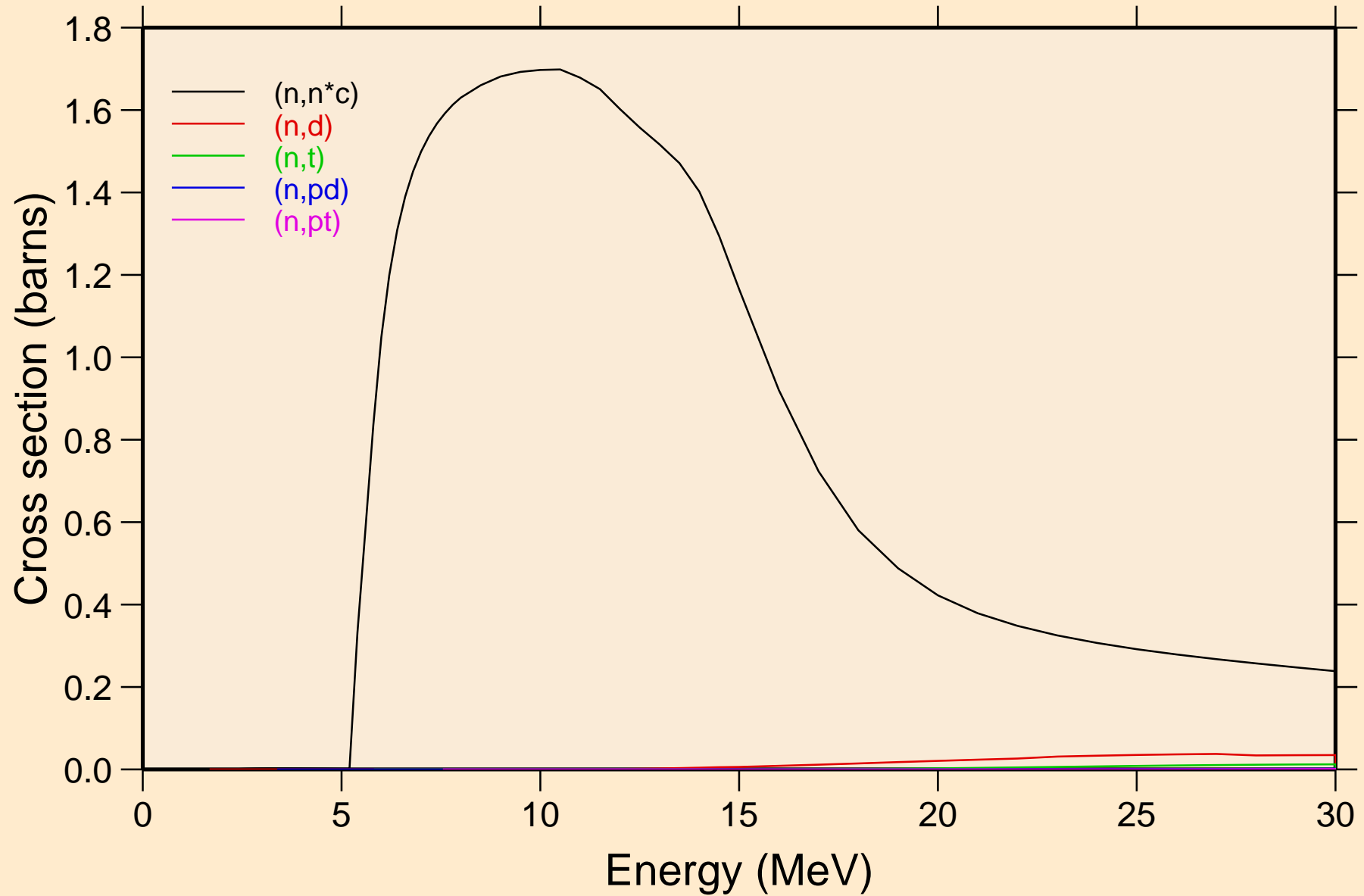
## Threshold reactions



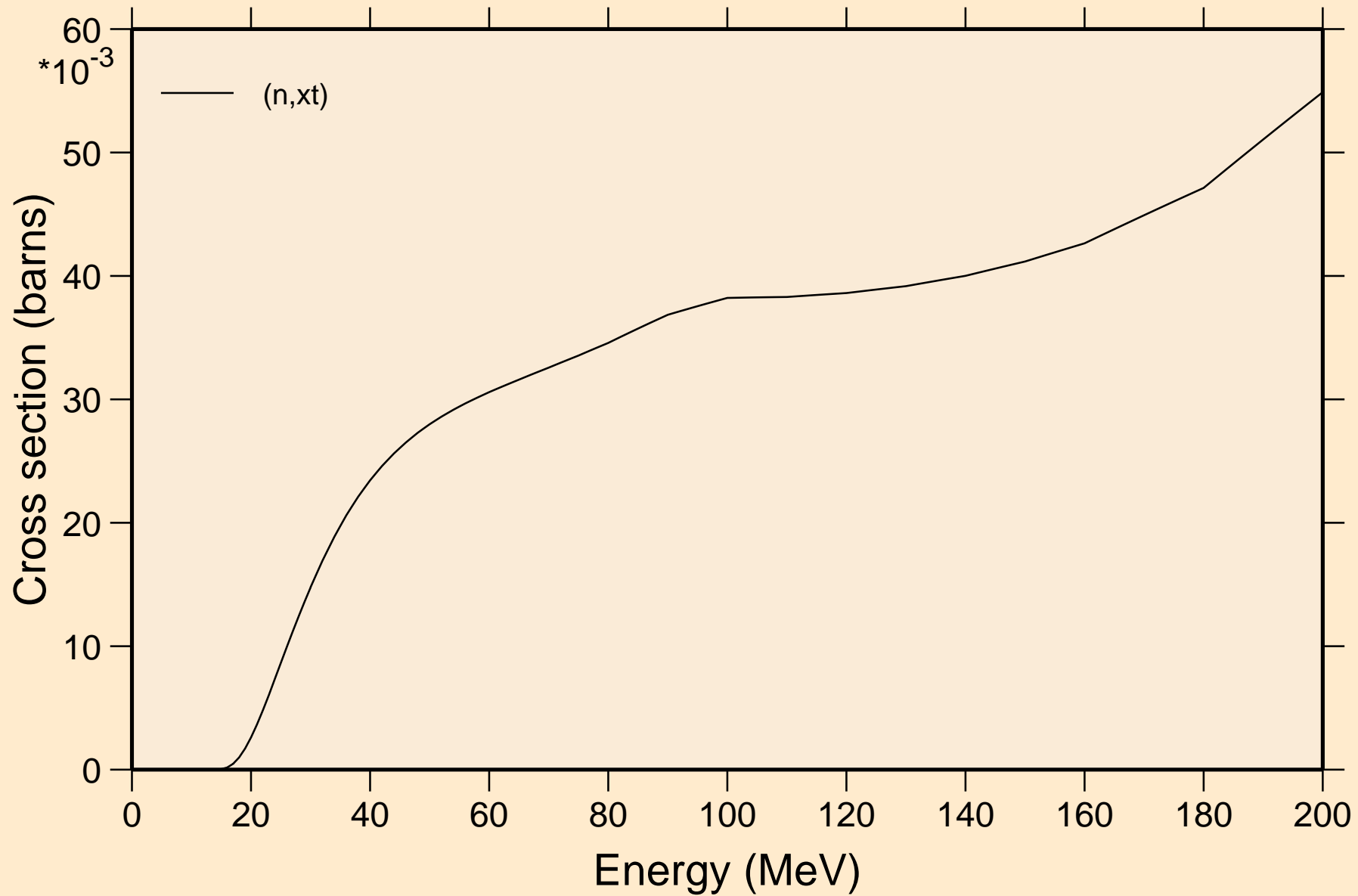


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

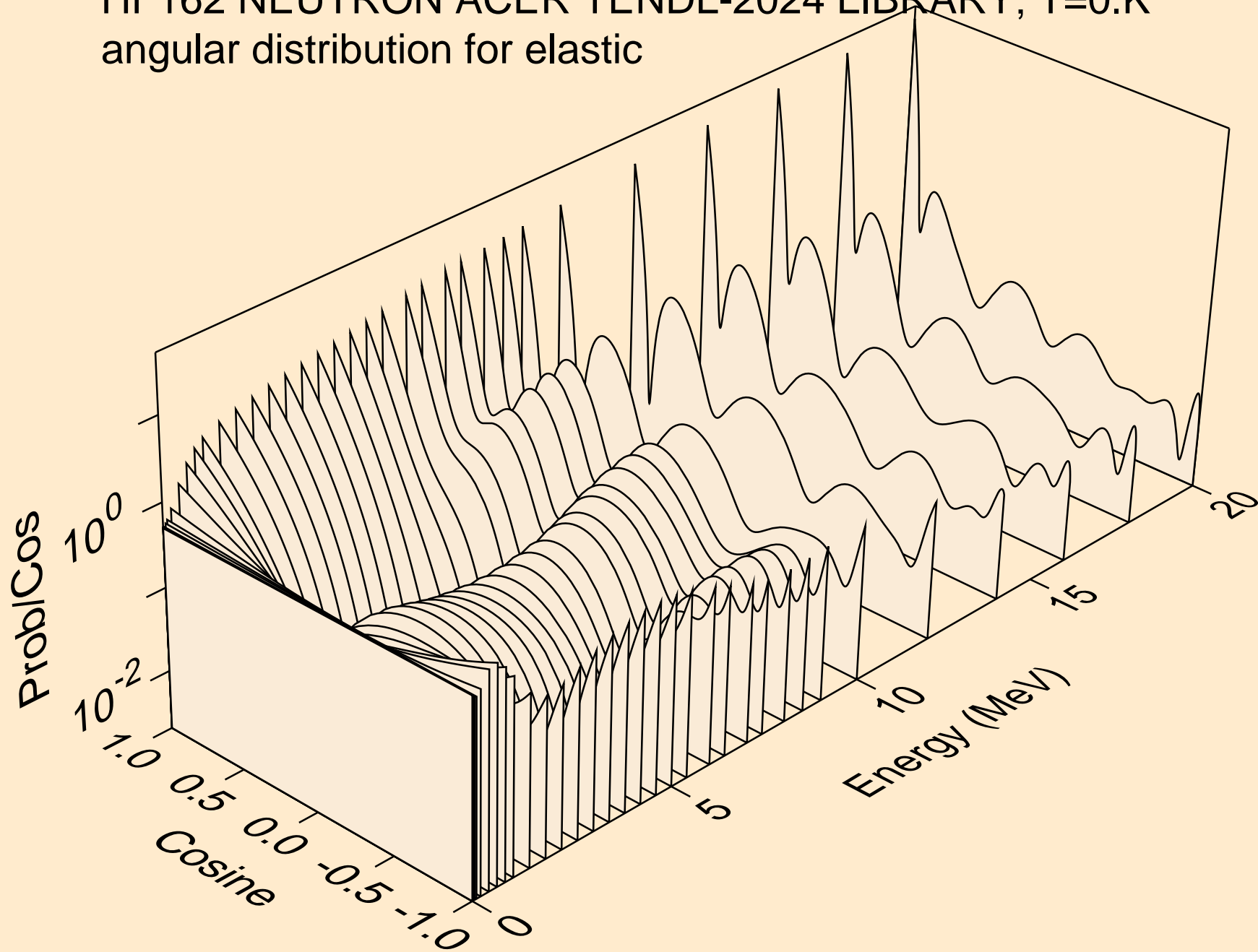
## Threshold reactions



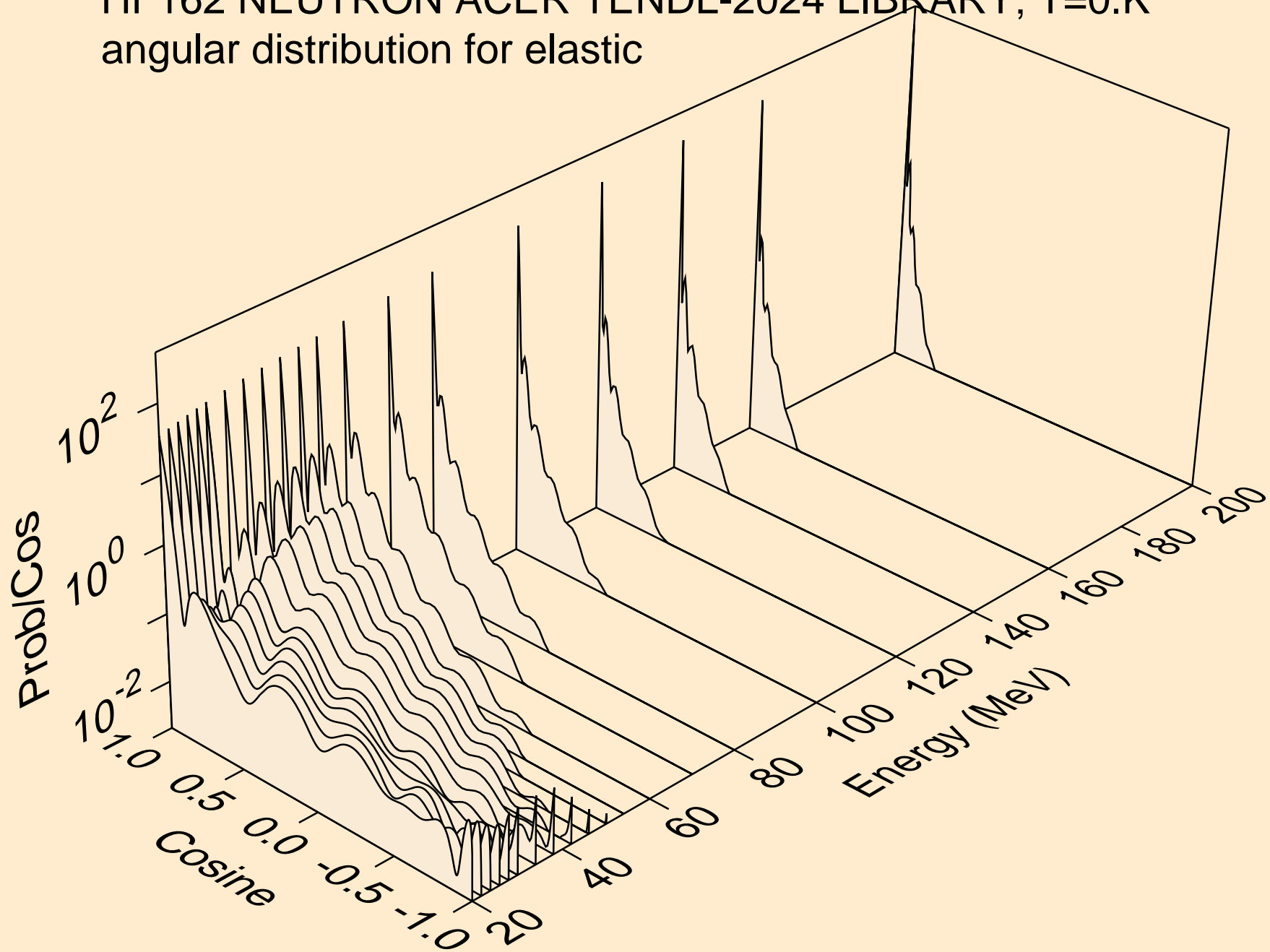
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



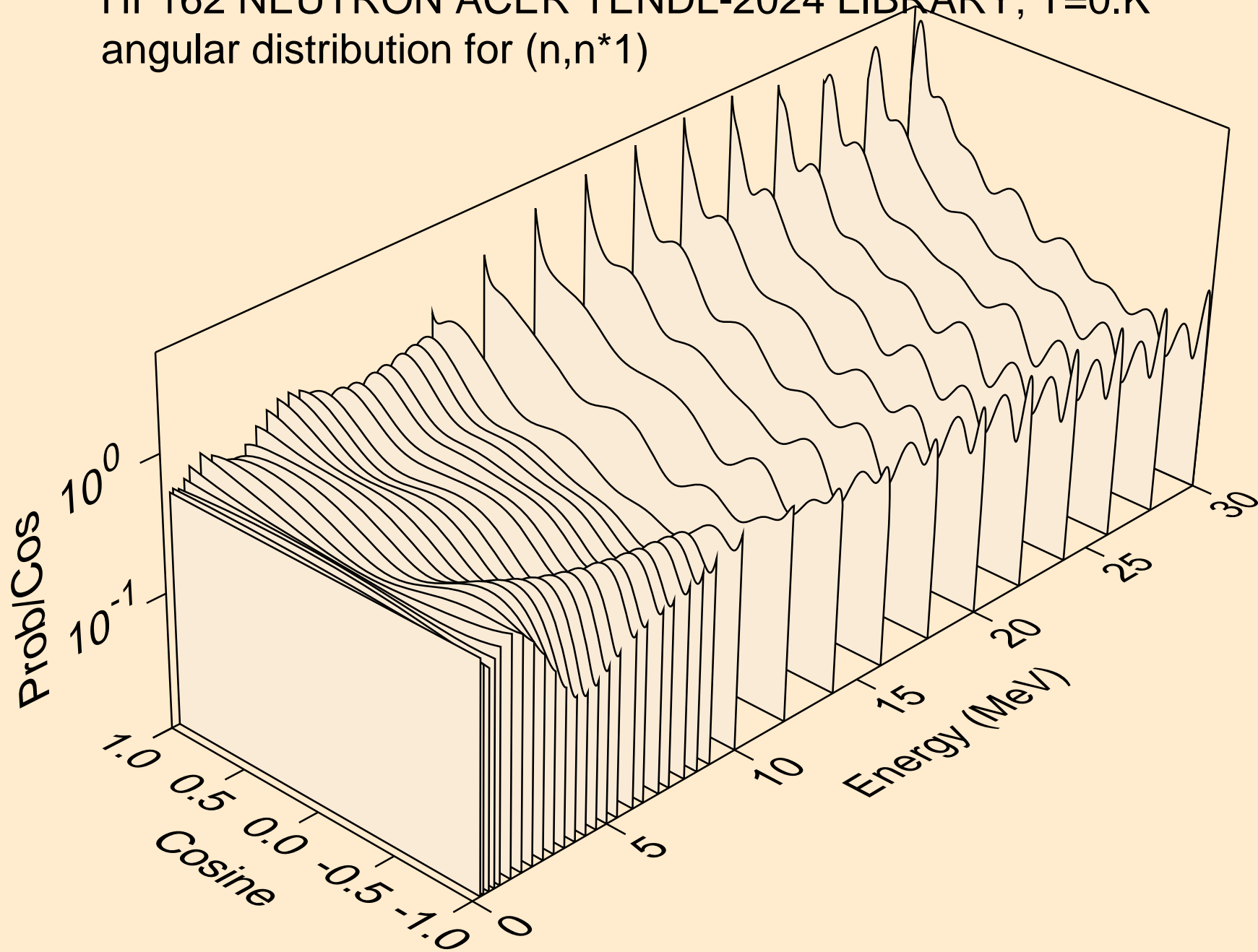
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



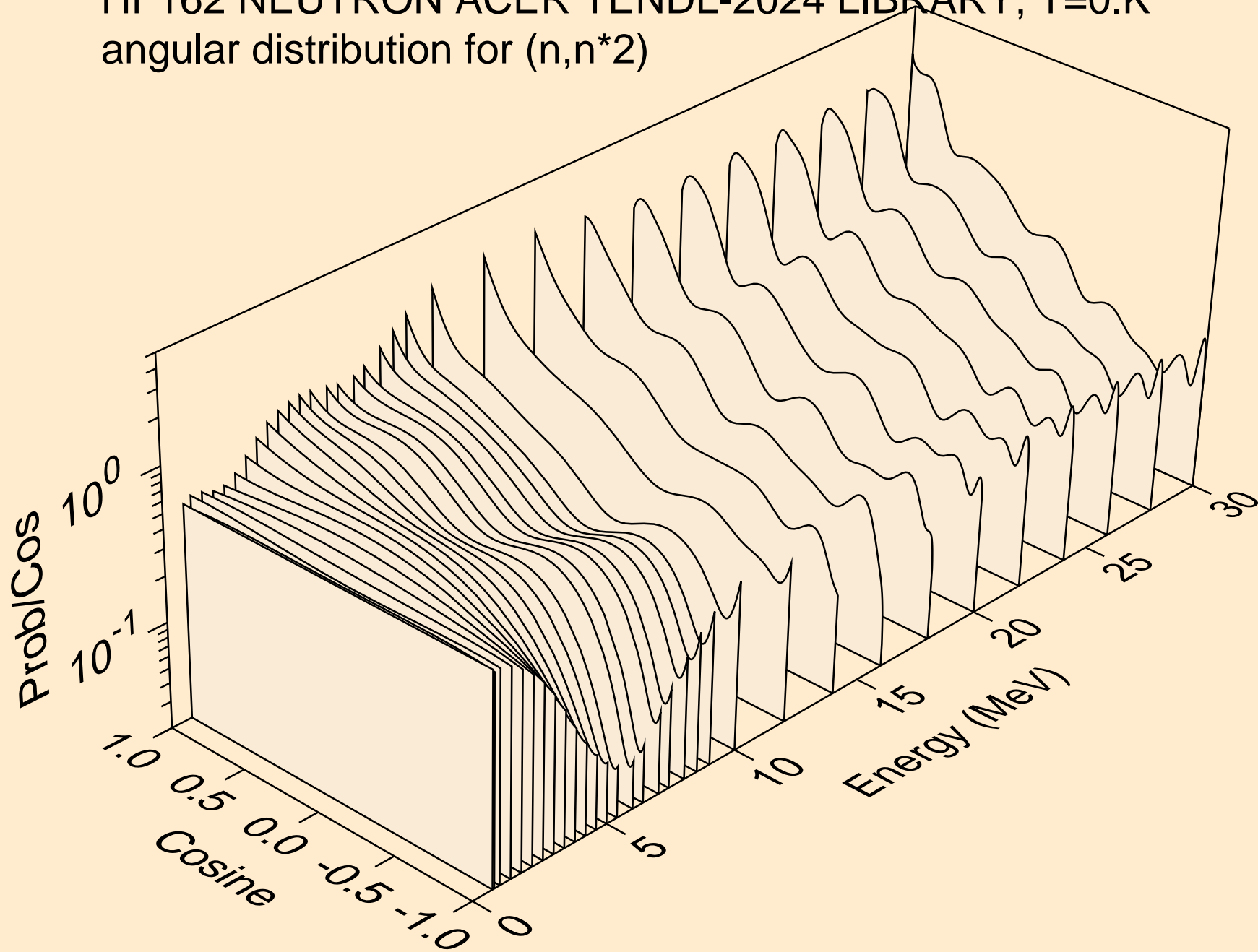
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



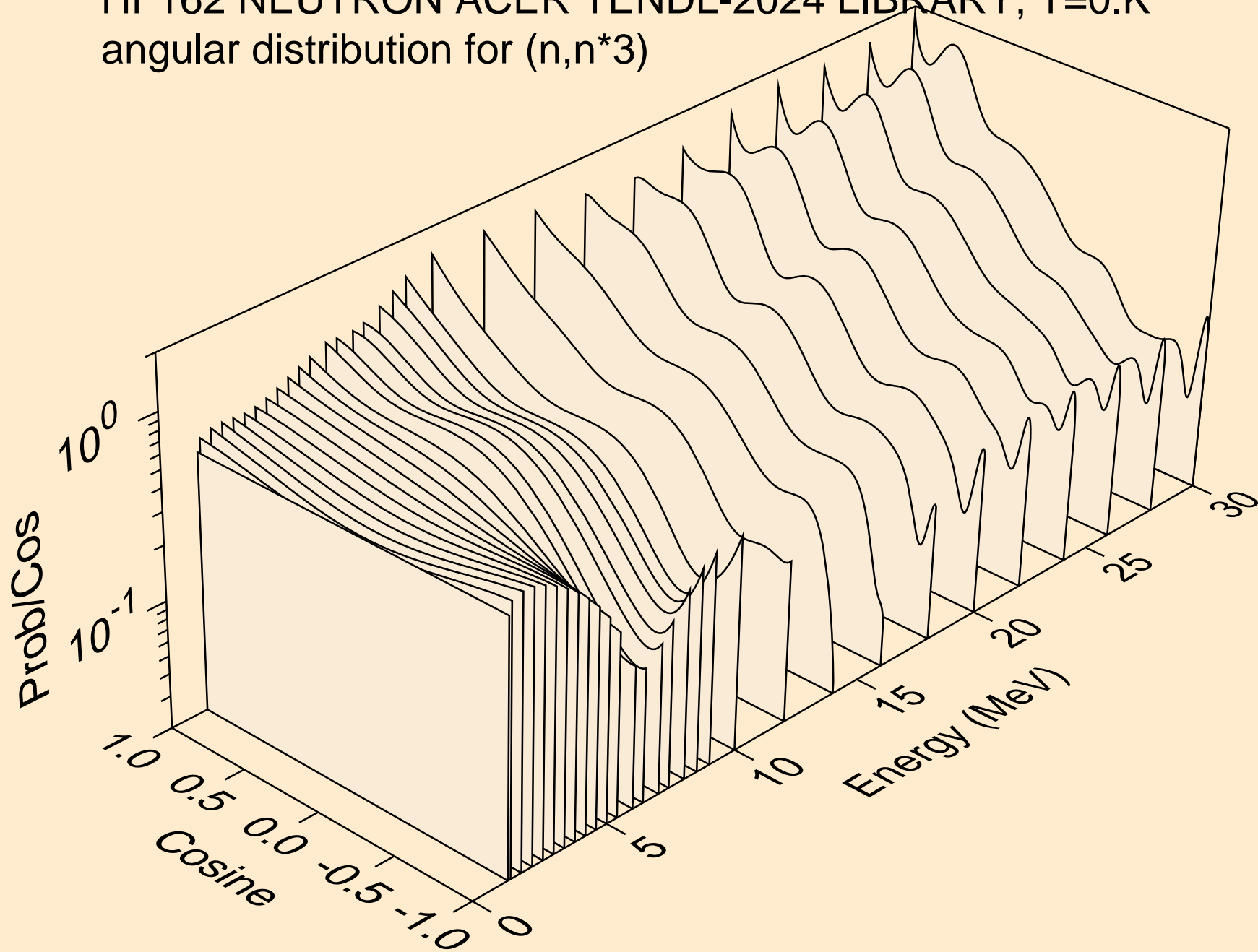
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



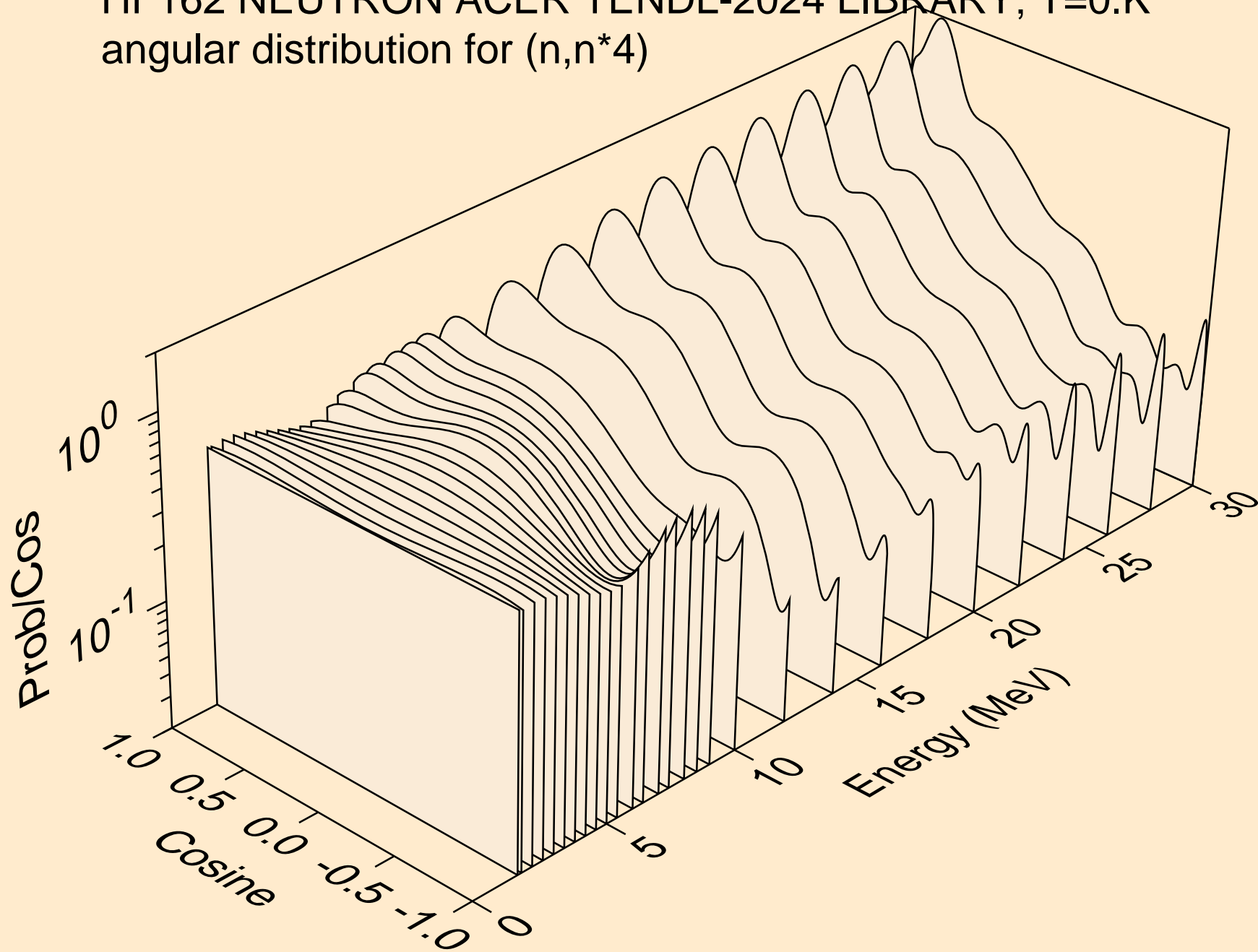
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

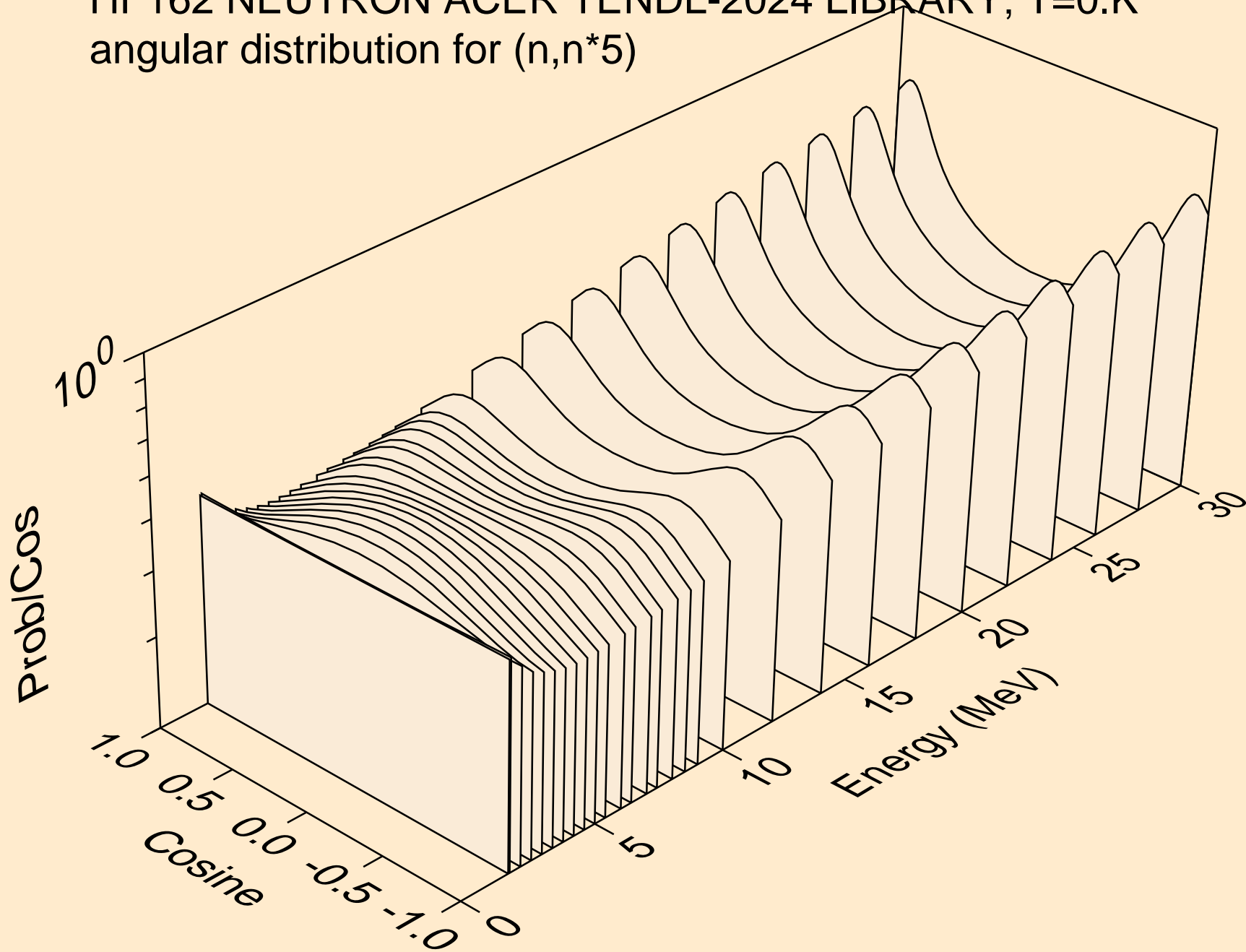


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

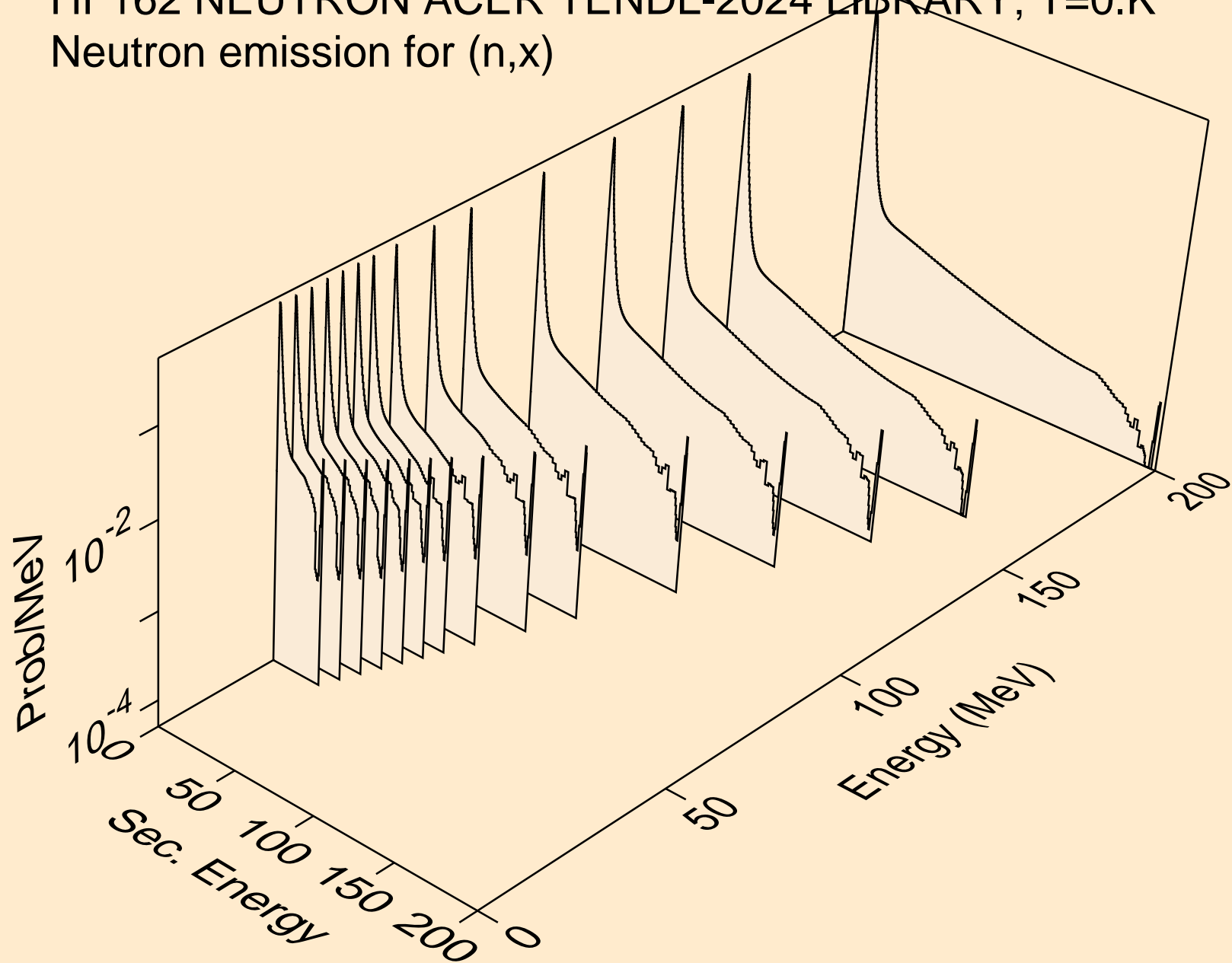




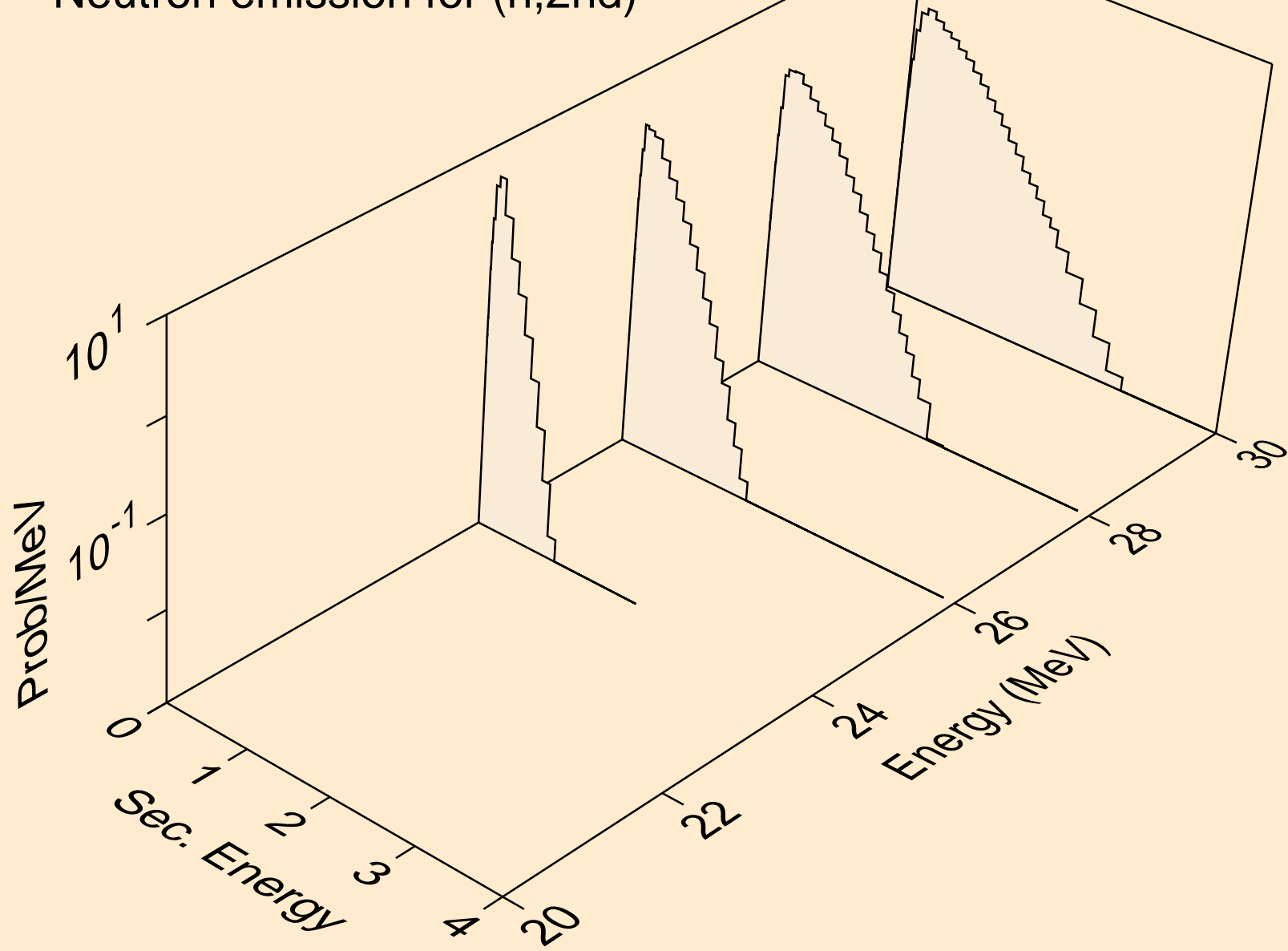
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



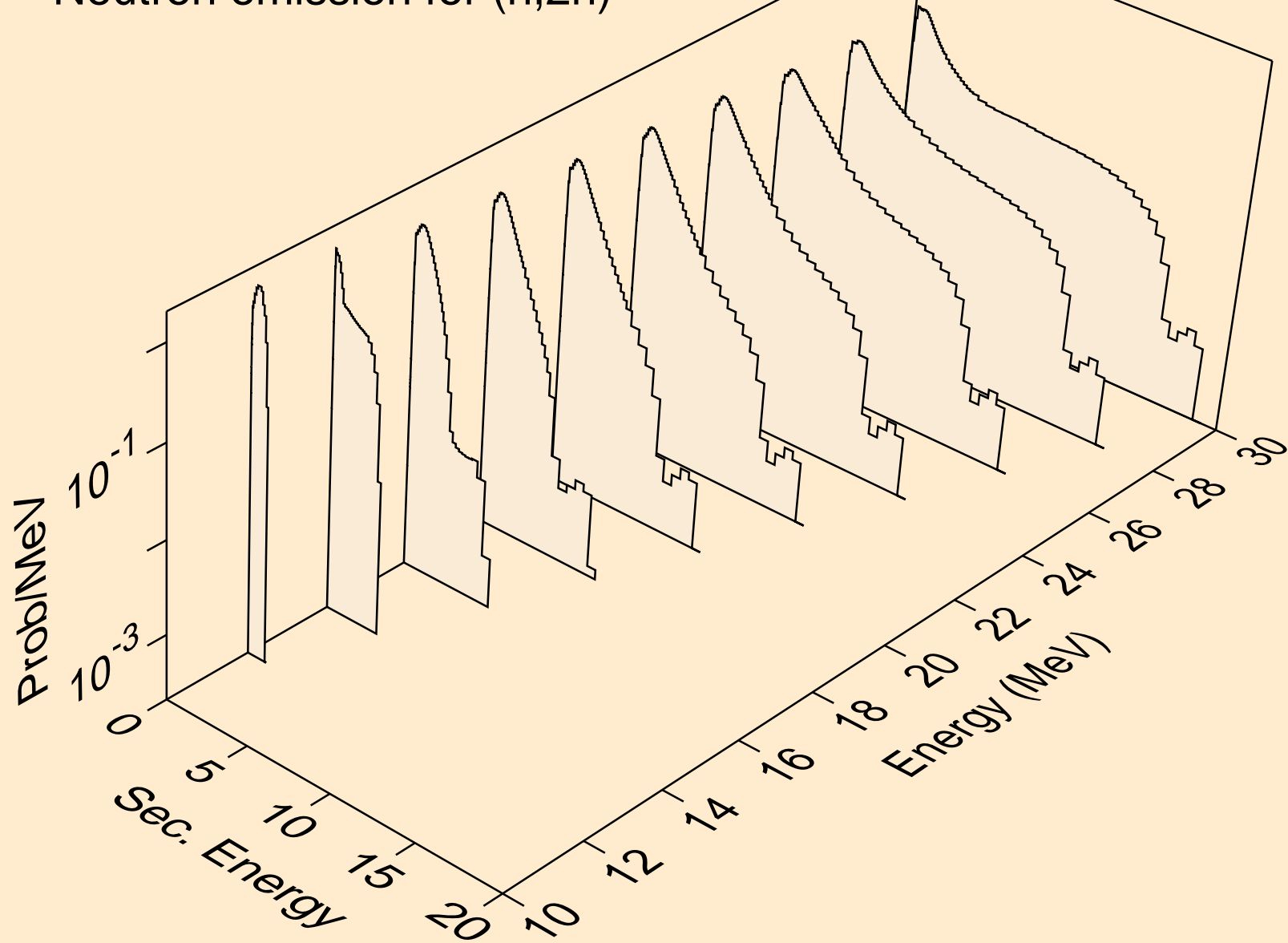
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



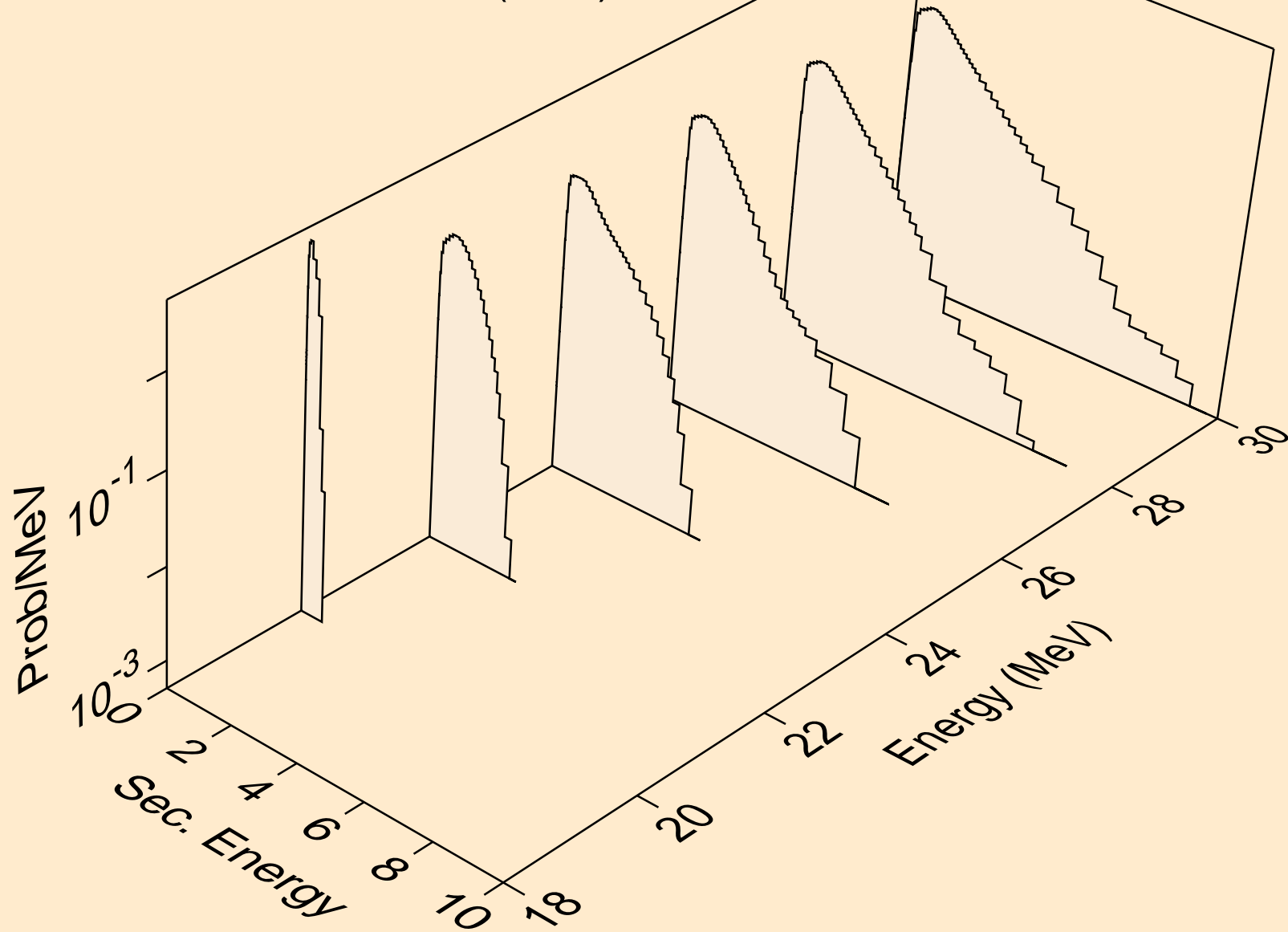
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



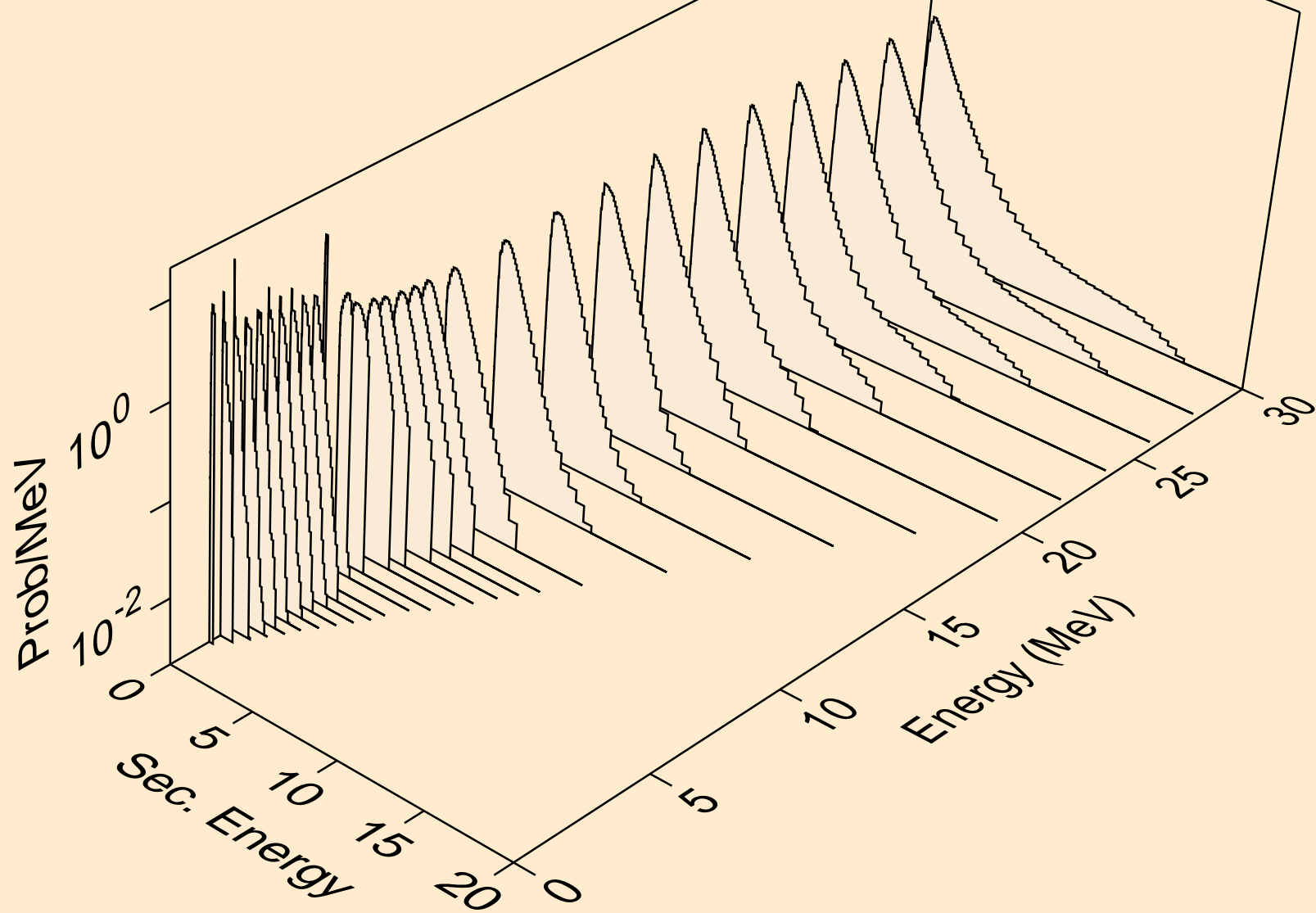
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



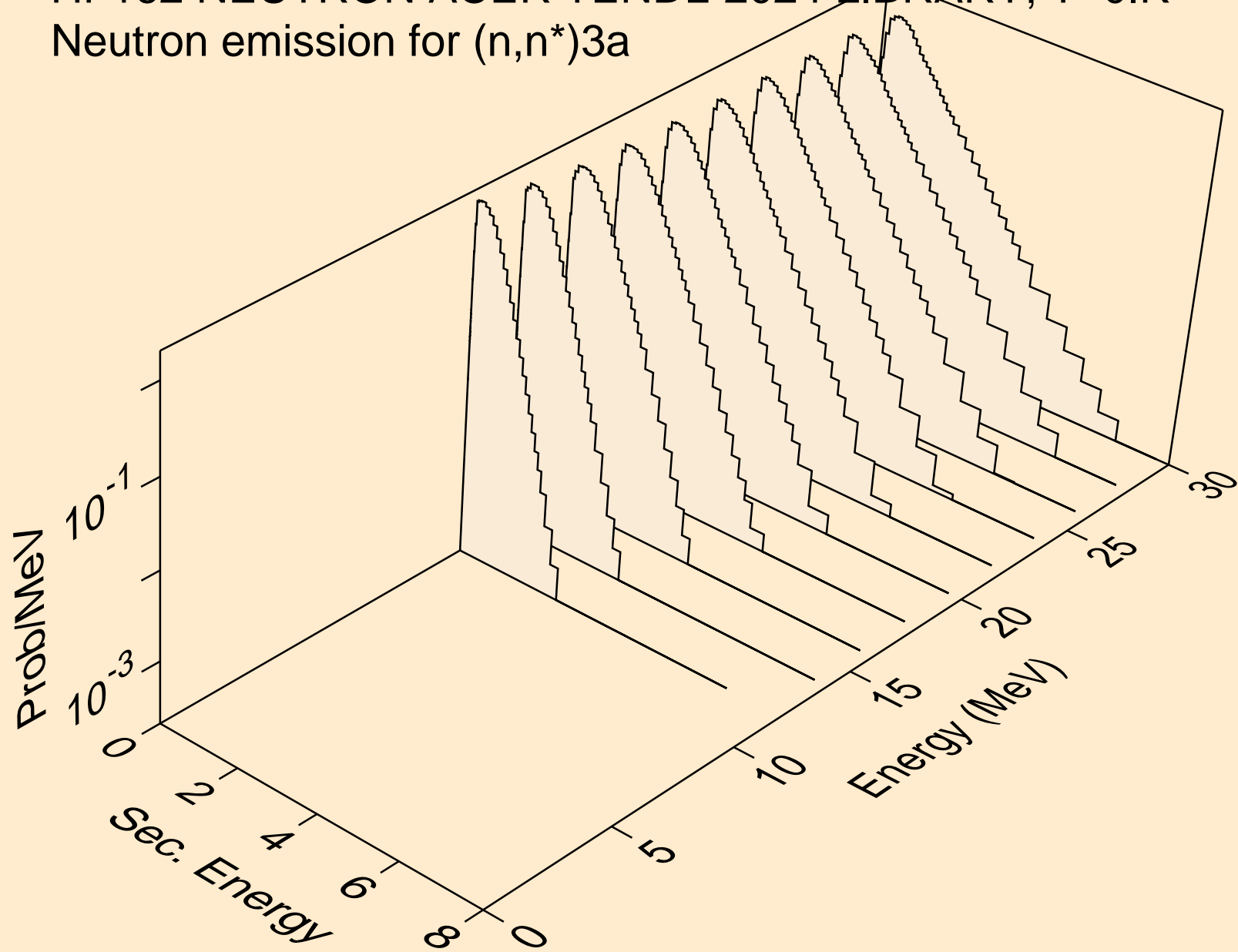
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



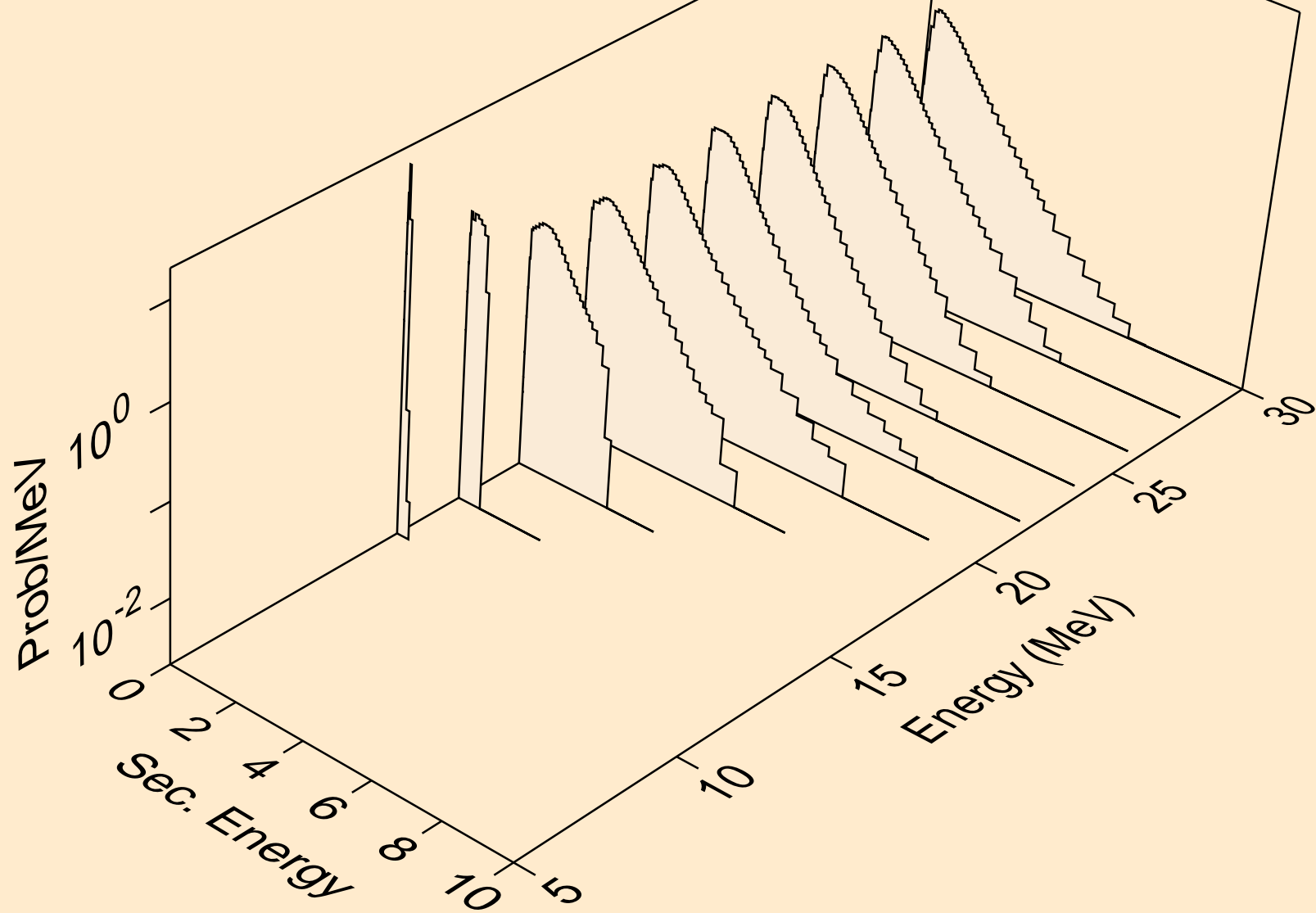
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a

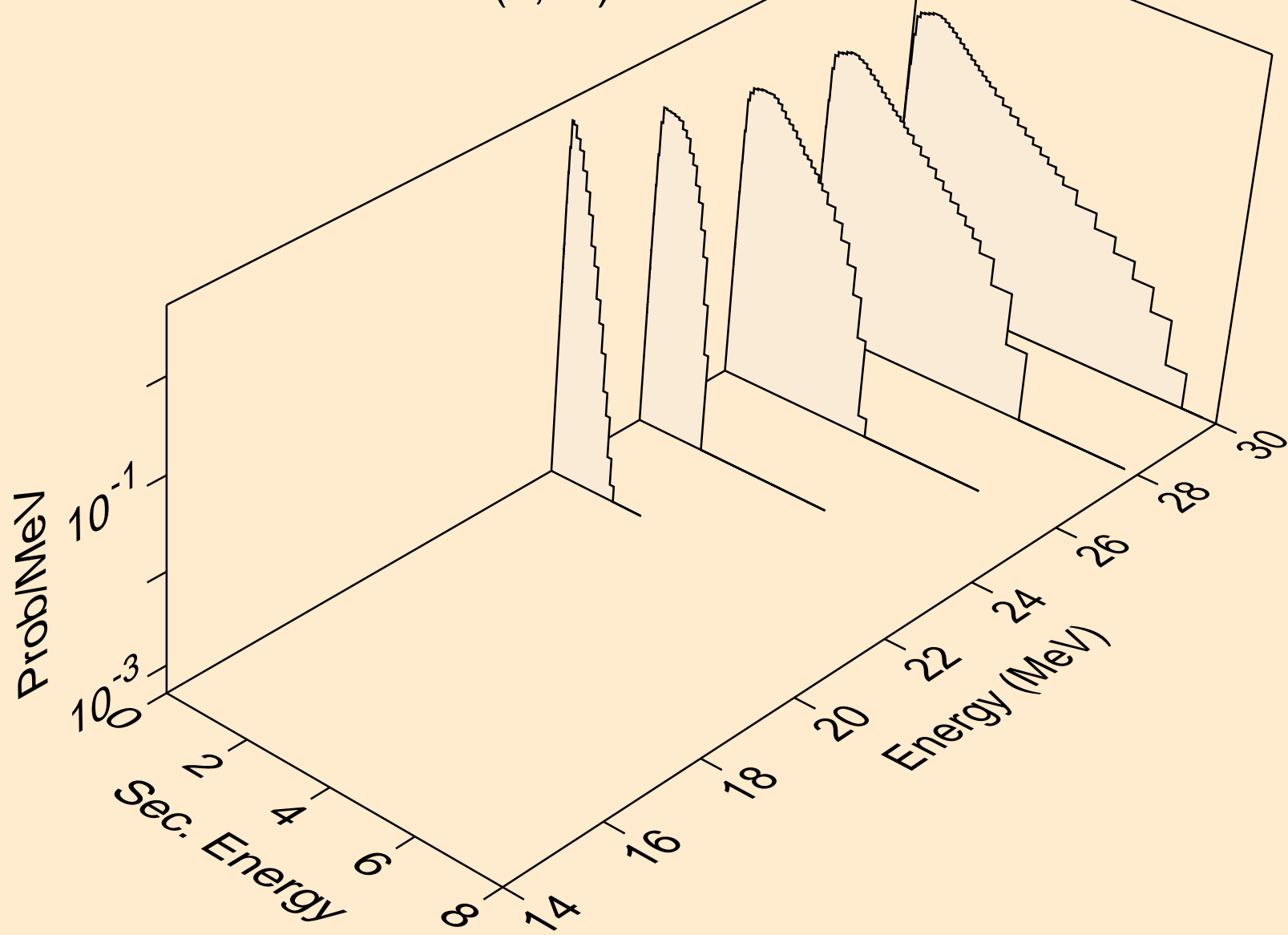


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

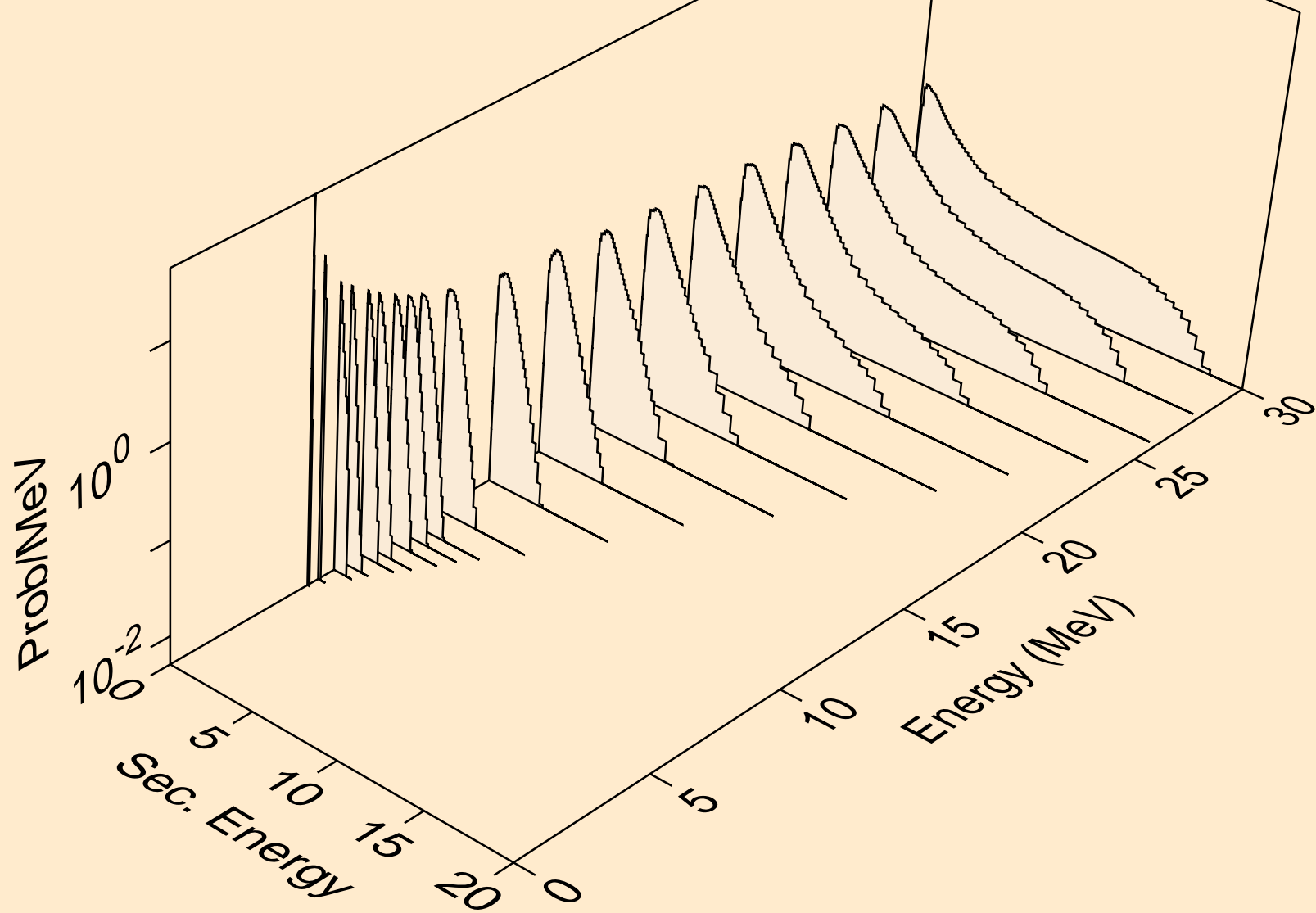




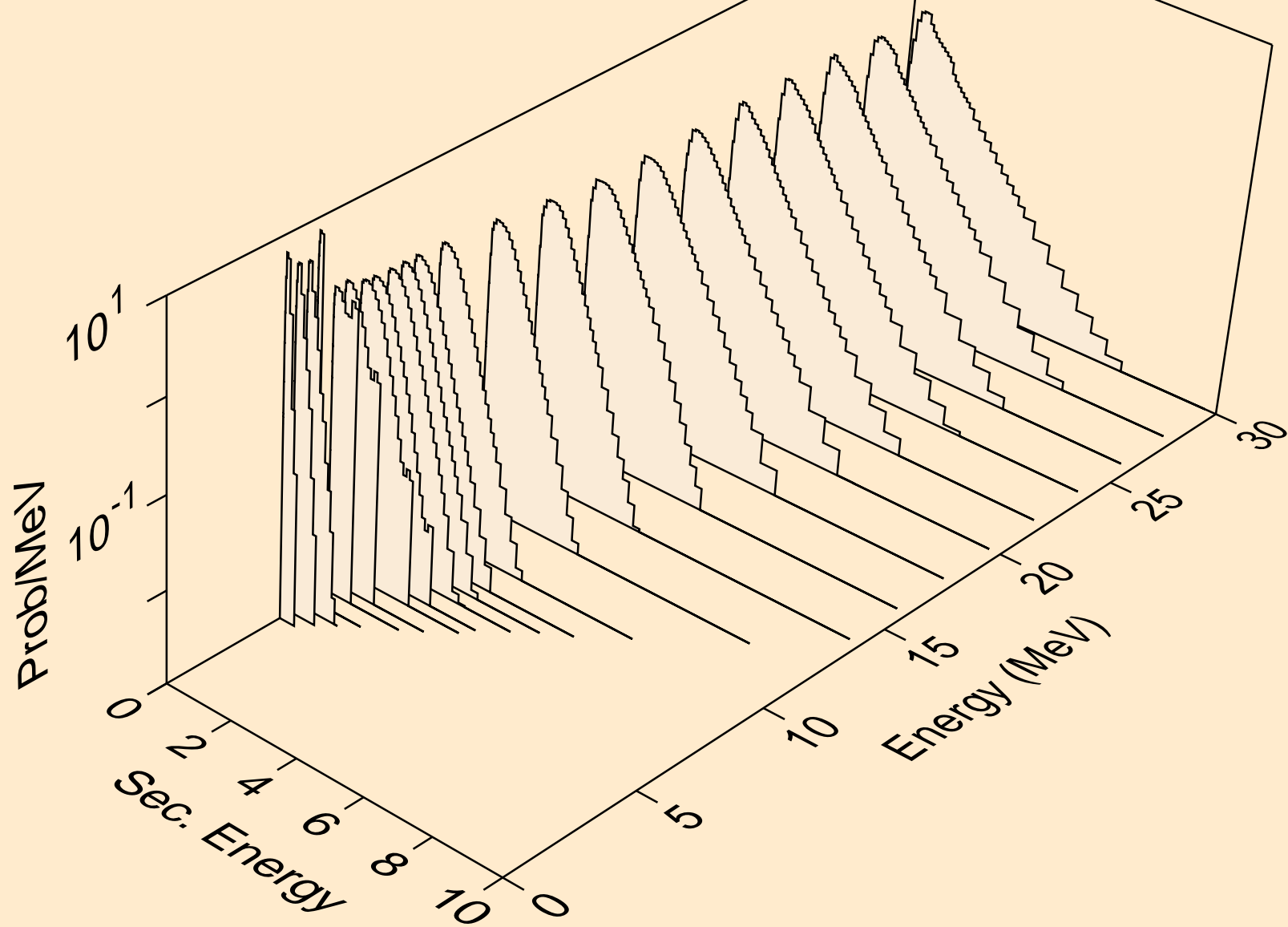
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



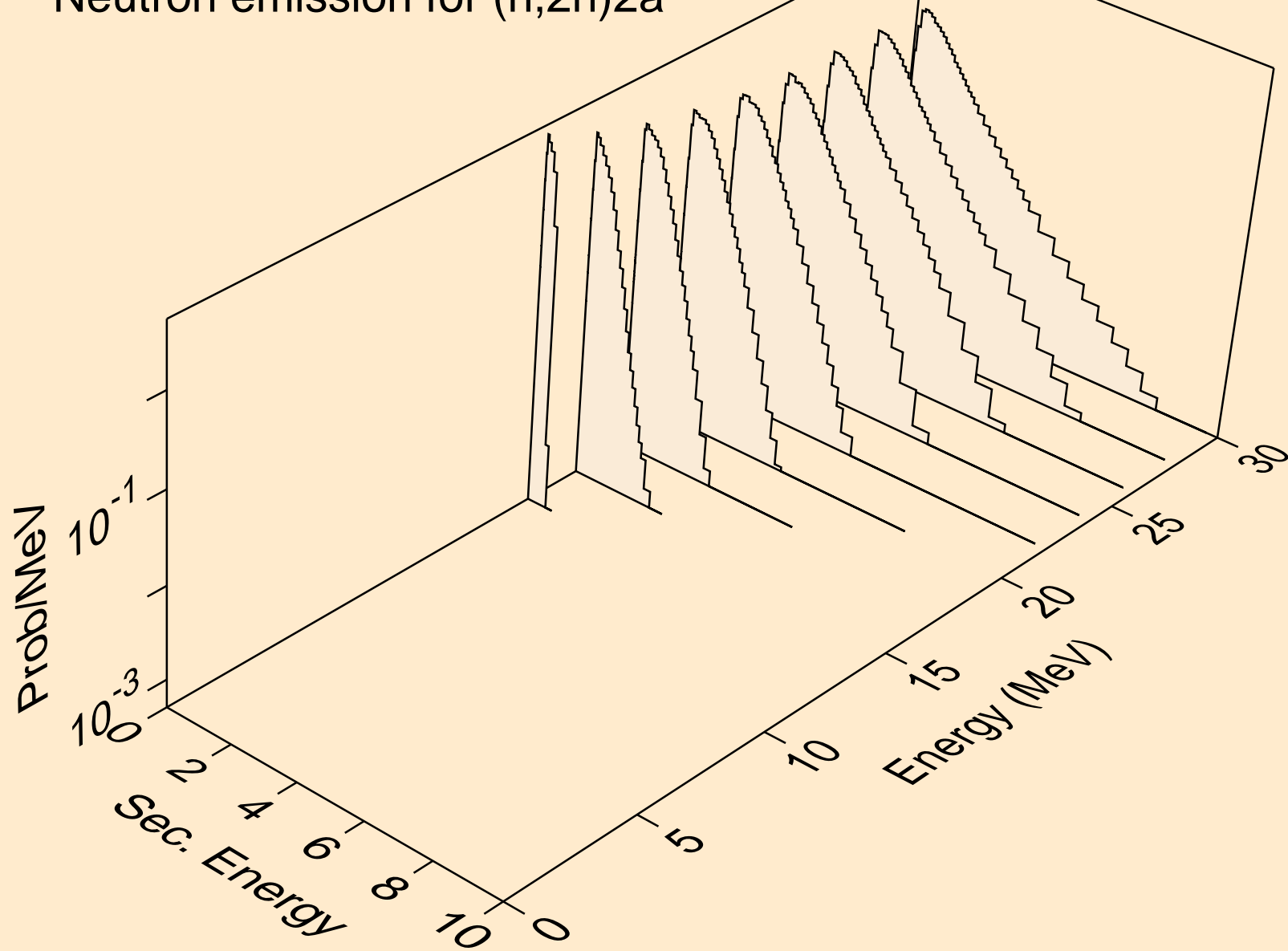
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



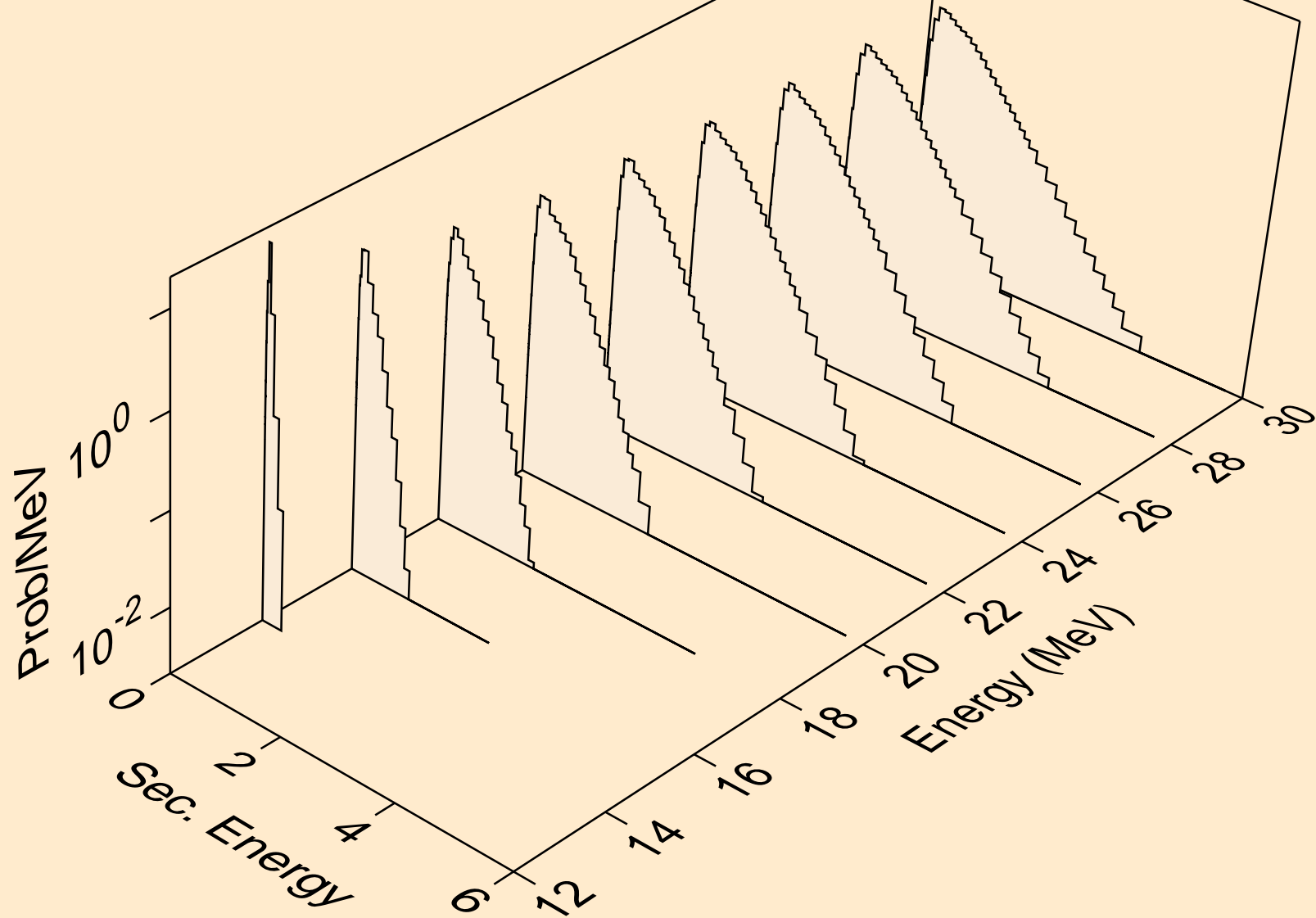
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Neutron emission for (n,n\*)2a



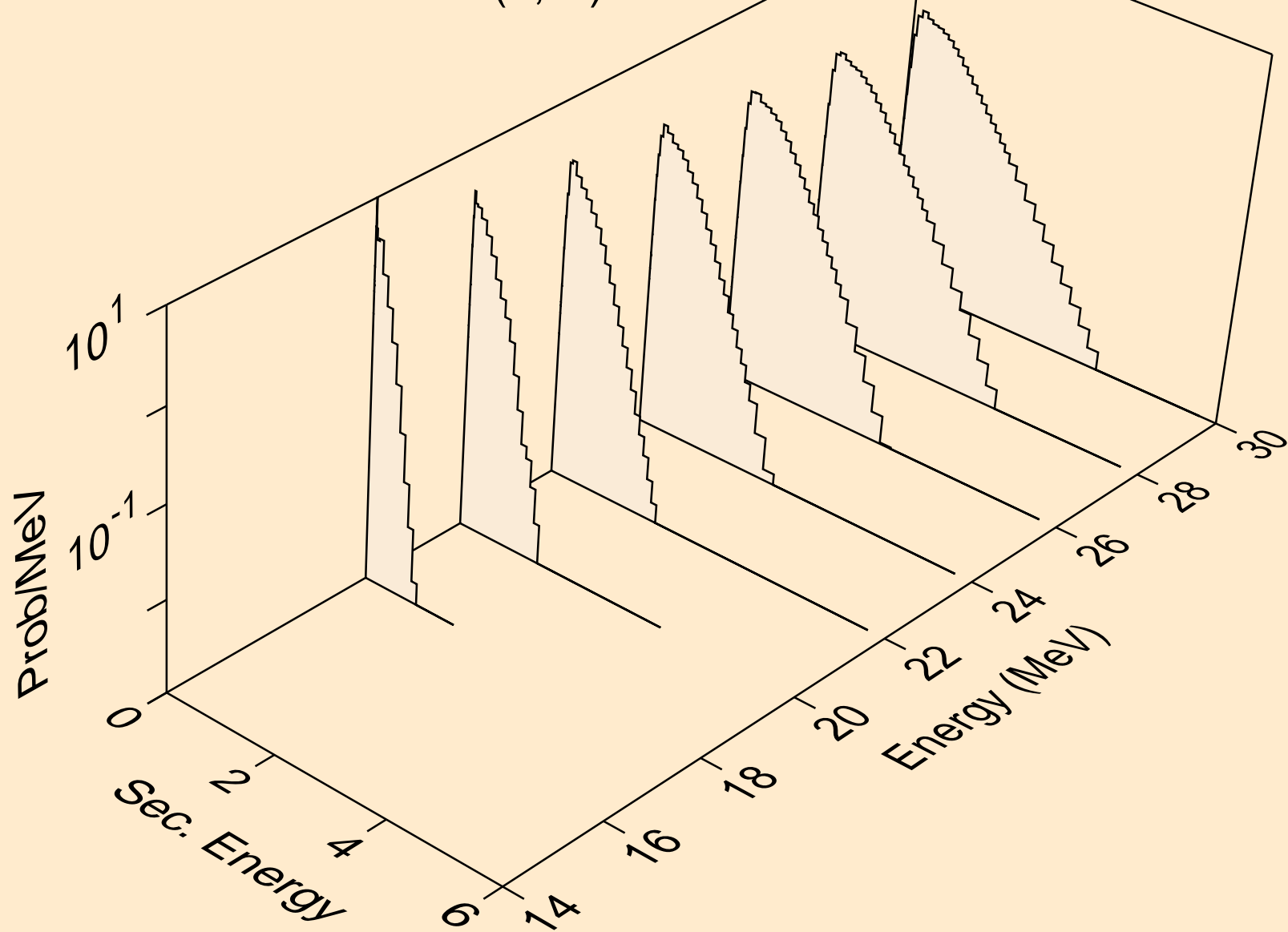
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Neutron emission for (n,2n)2a



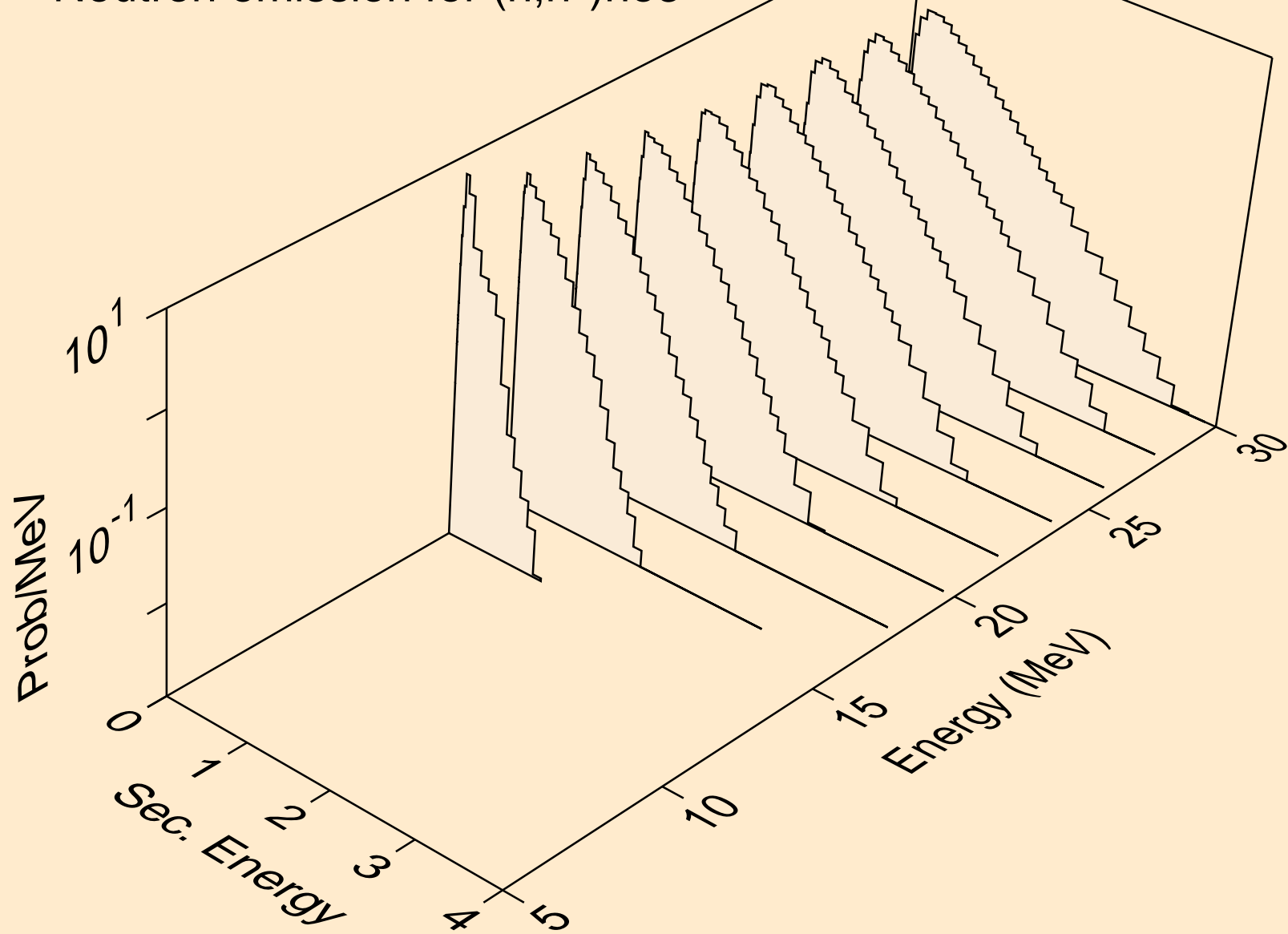
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



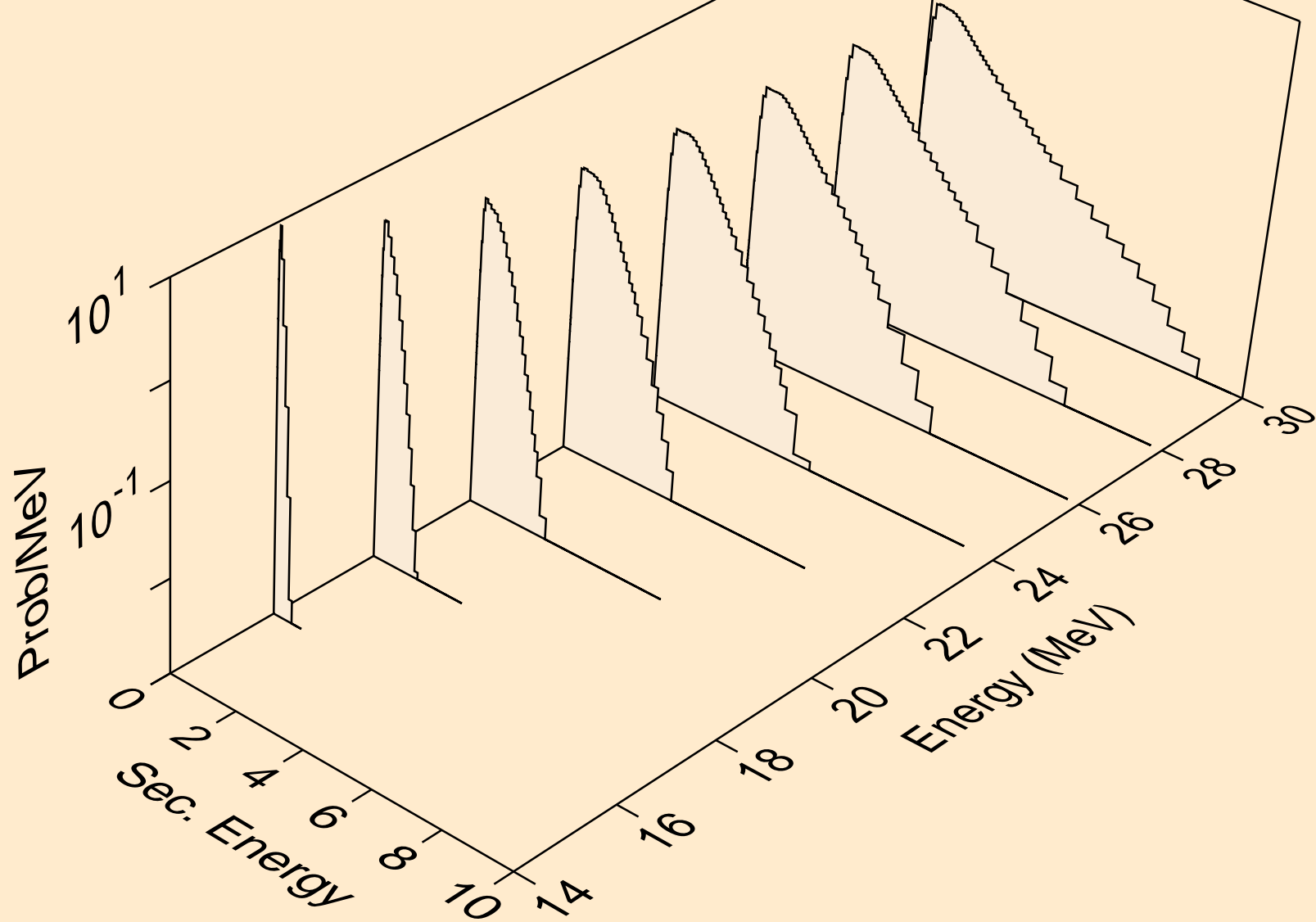
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

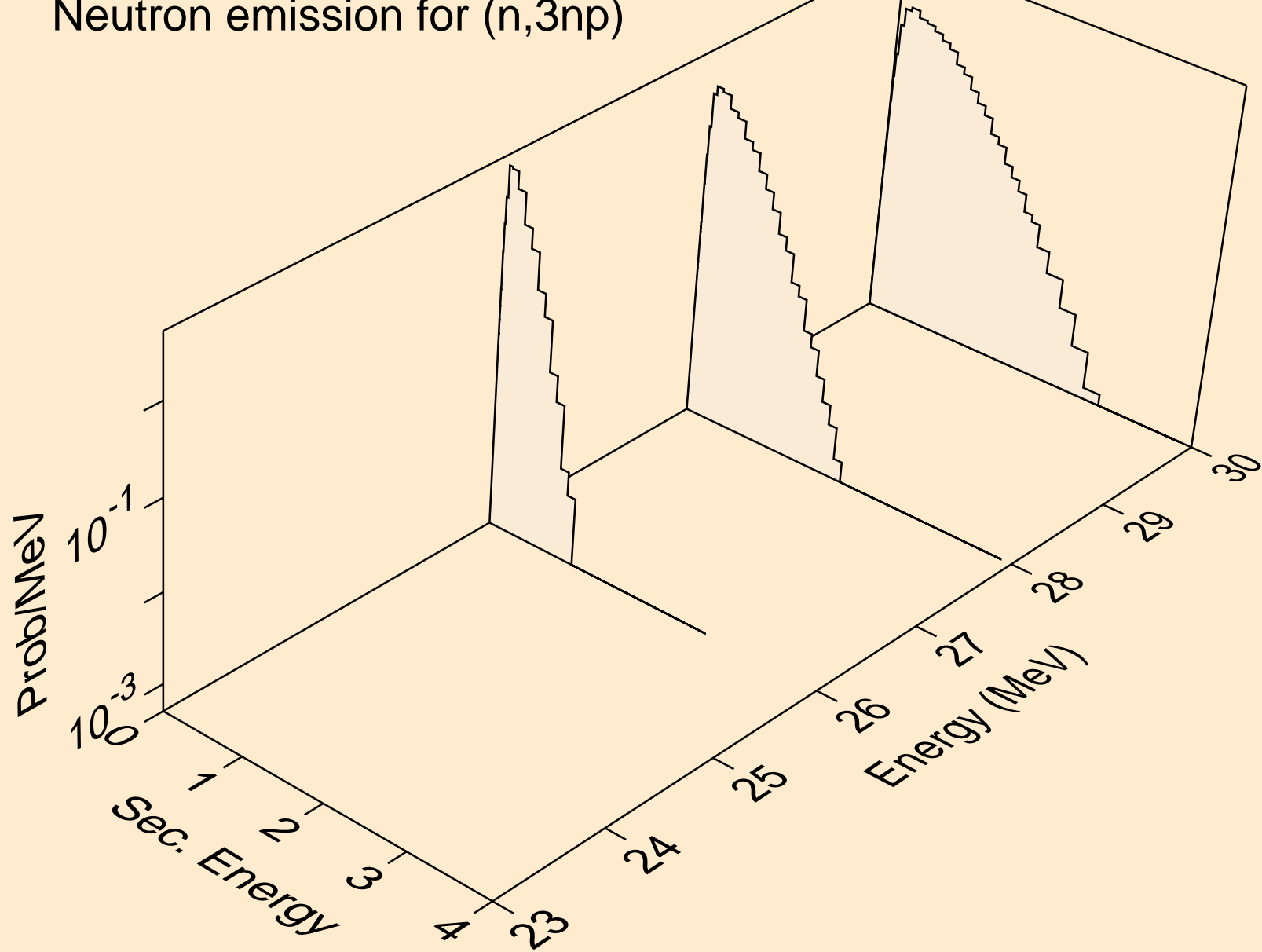


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

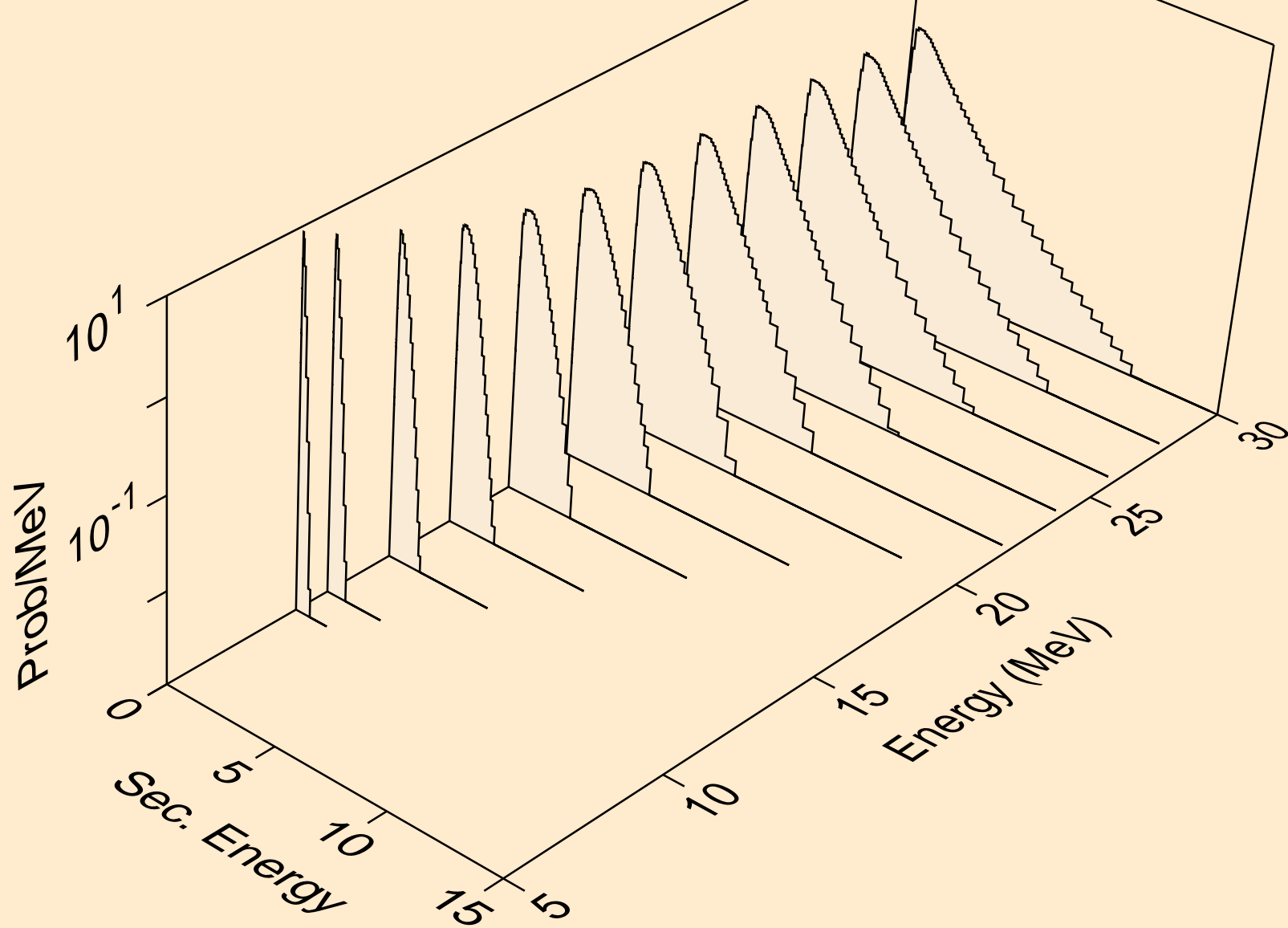




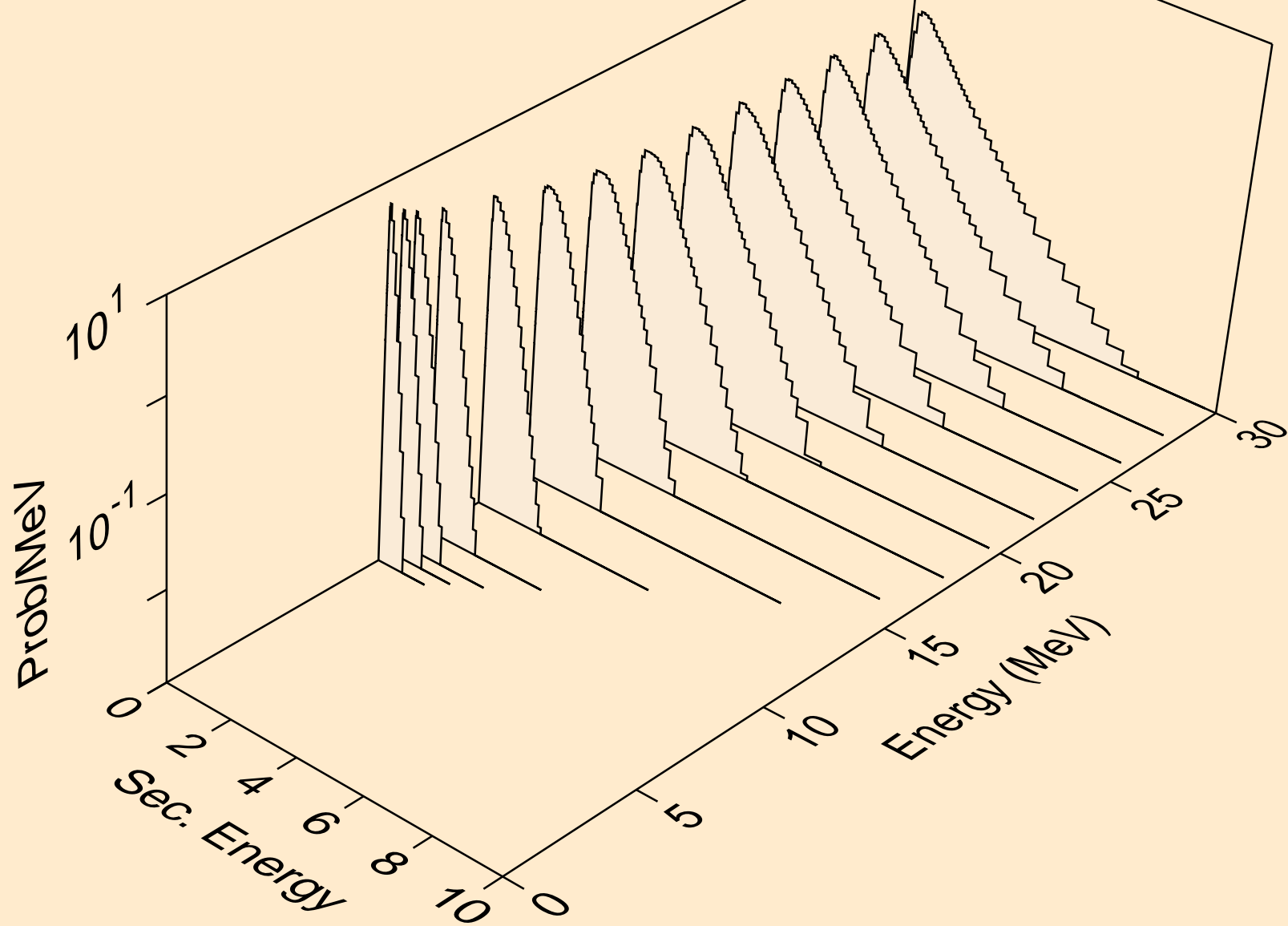
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



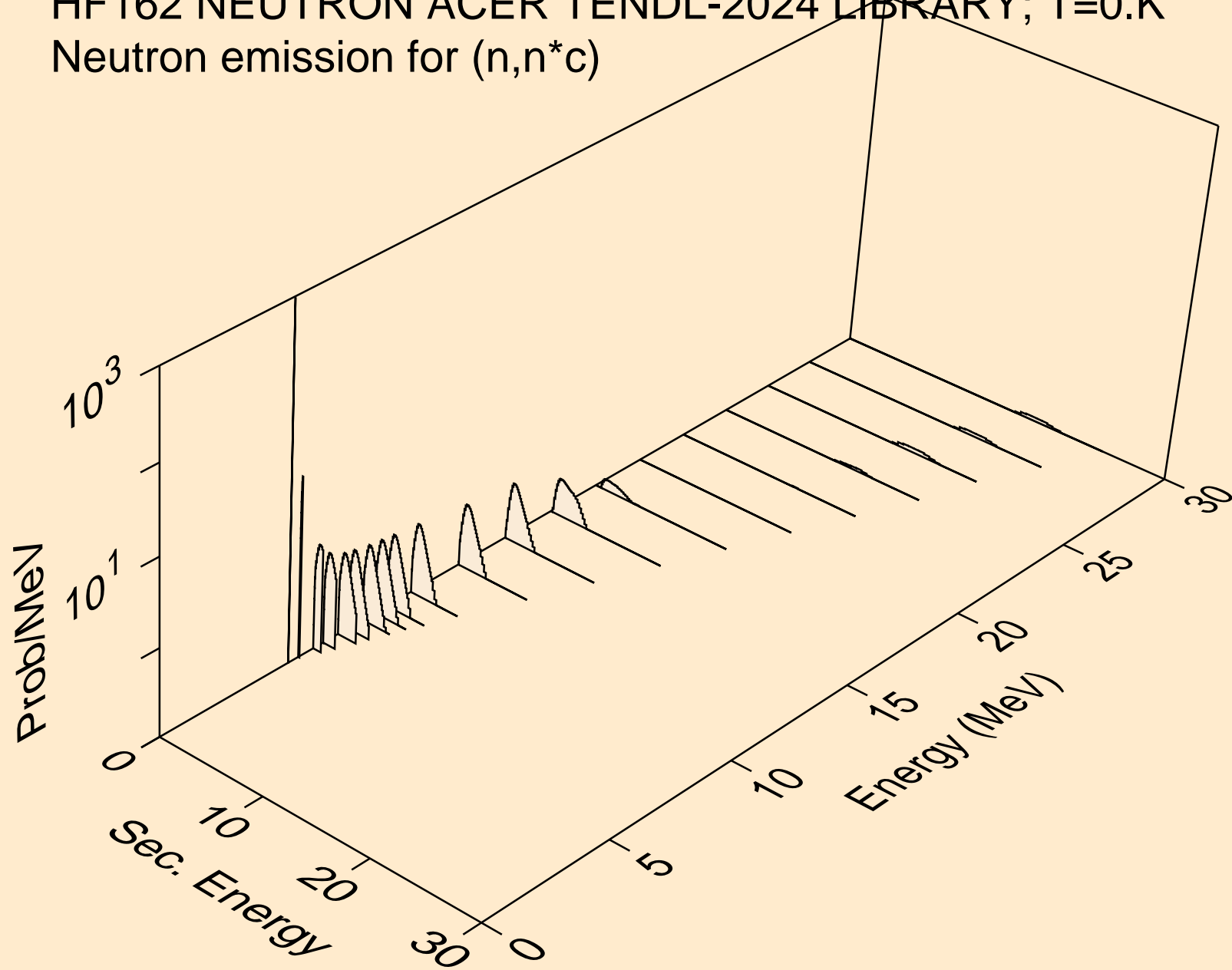
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



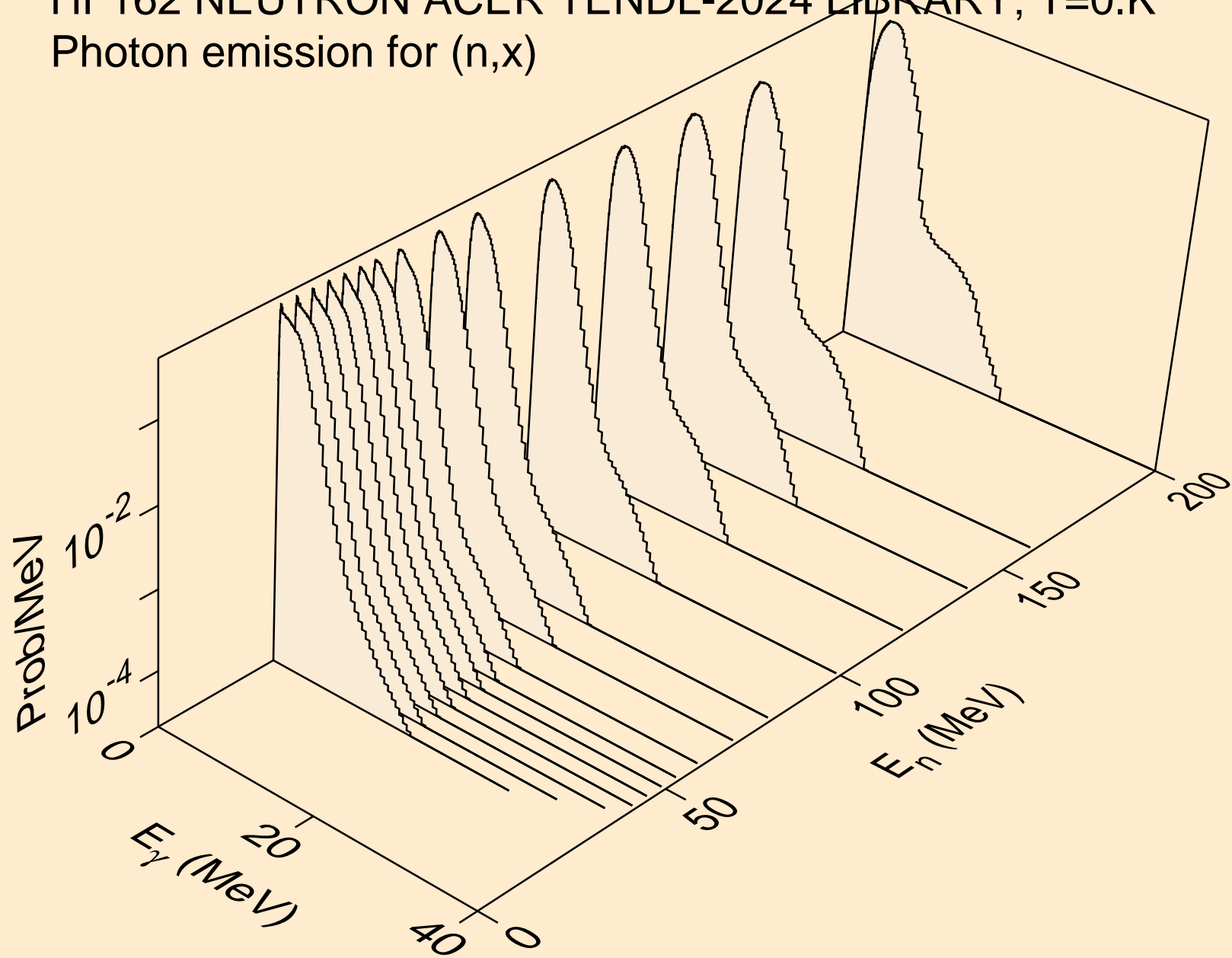
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



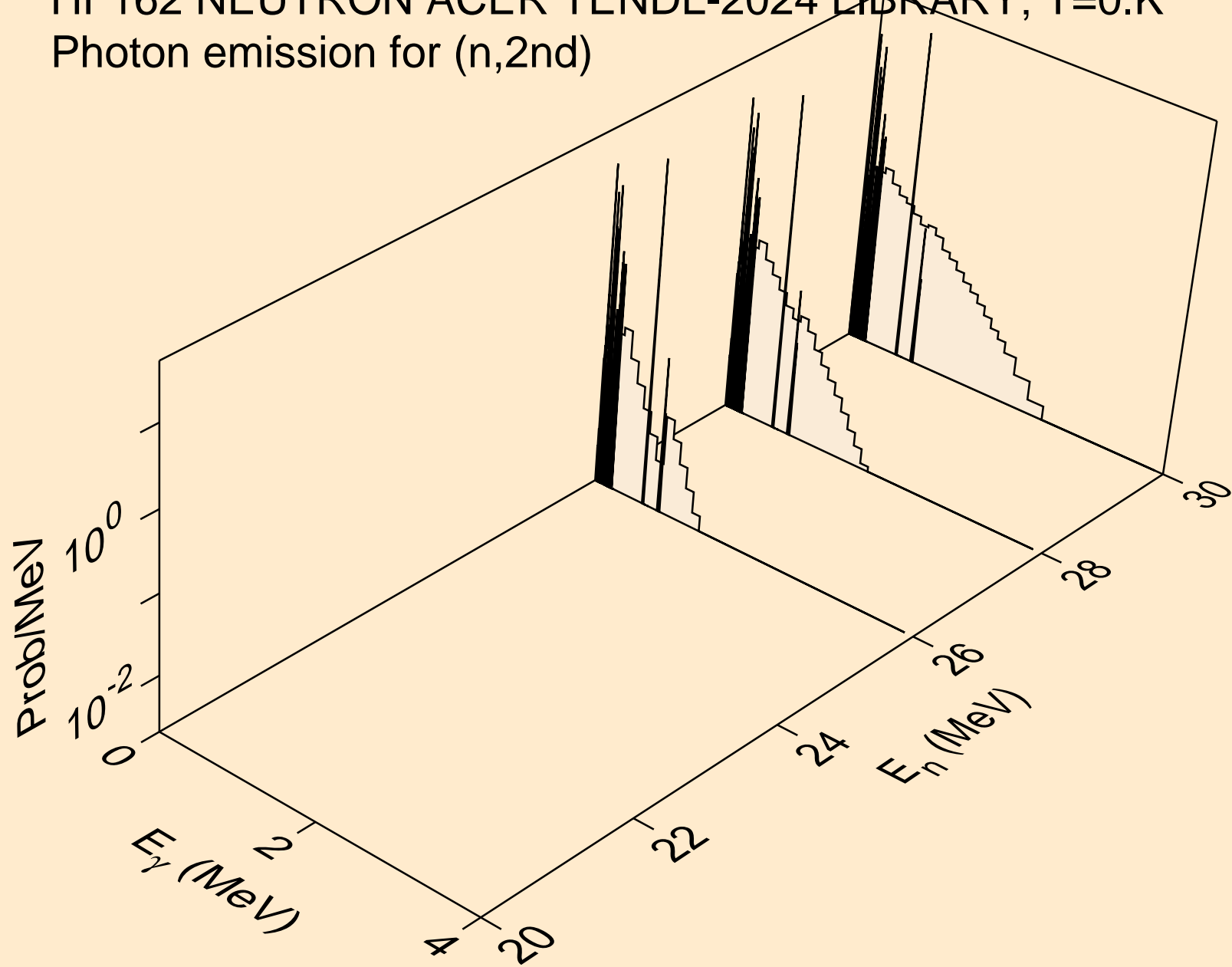
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



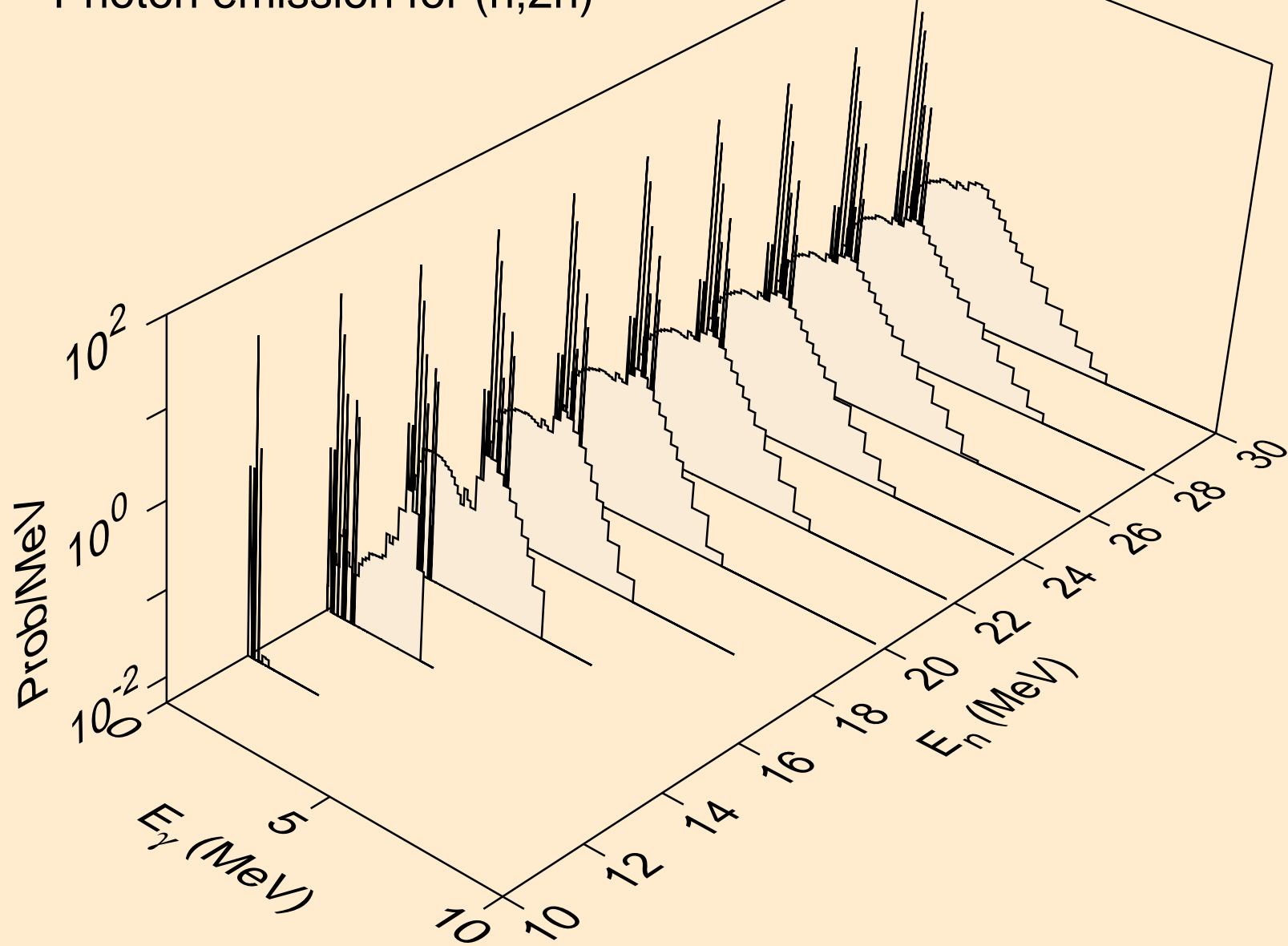
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



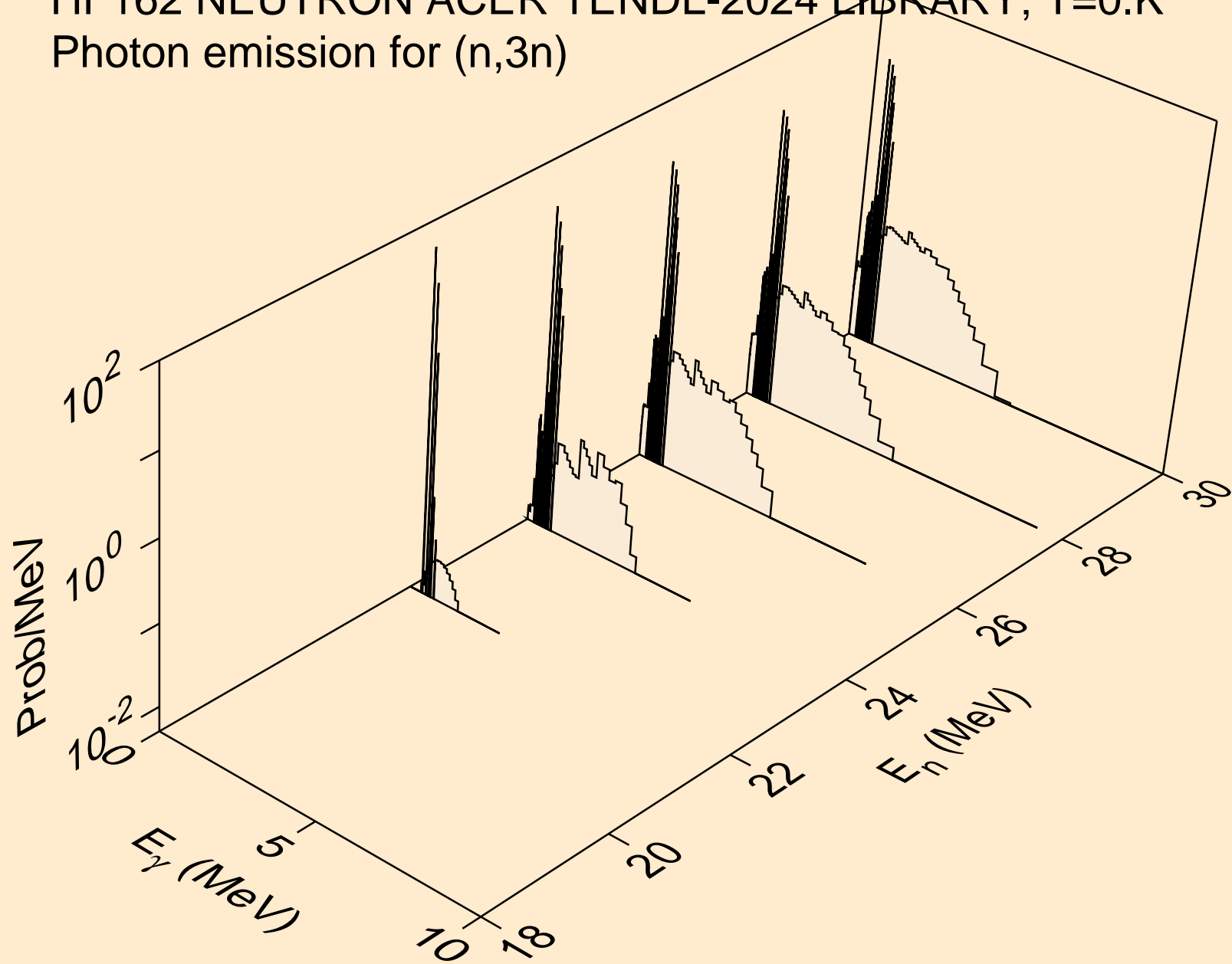
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

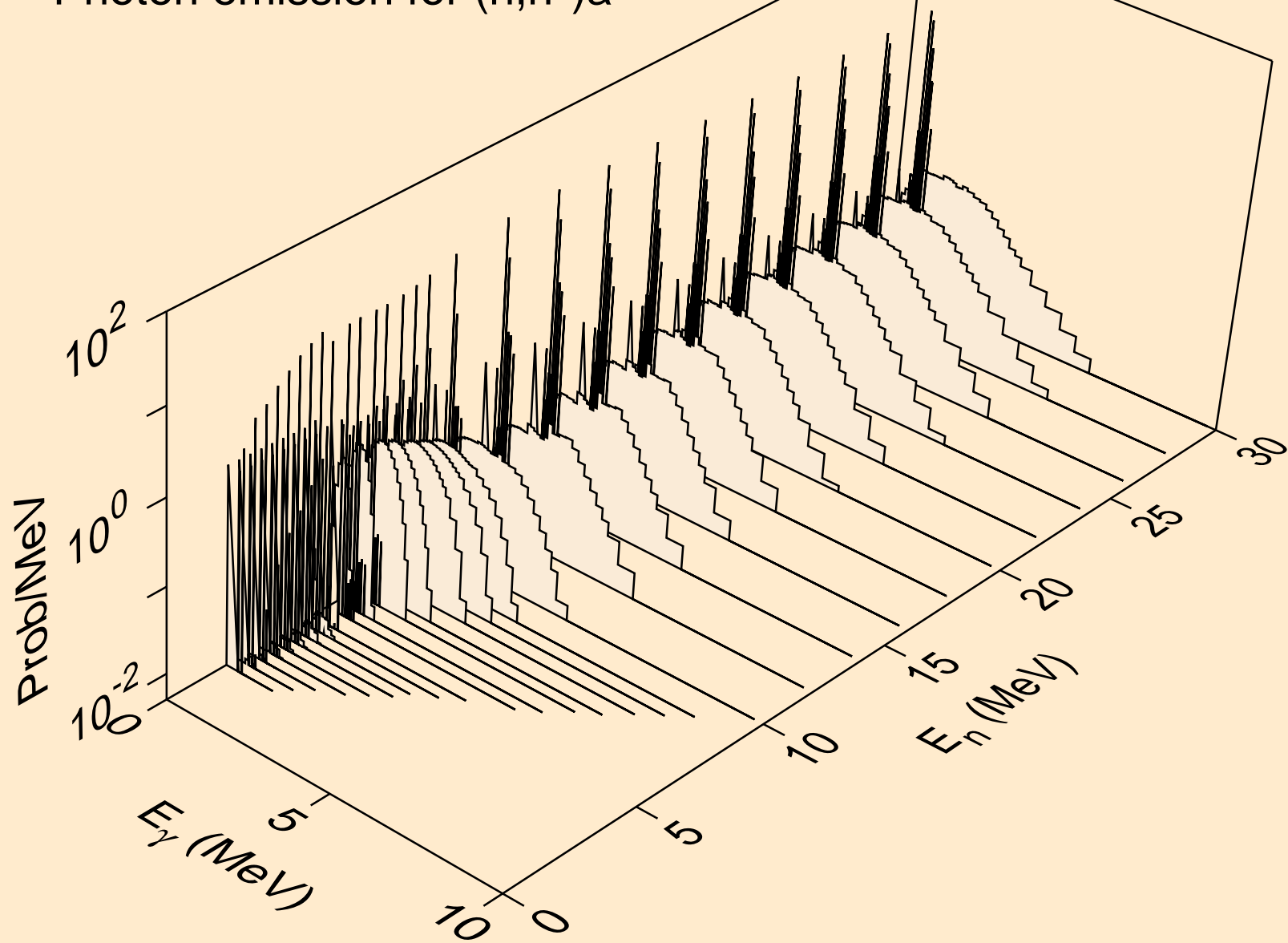


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

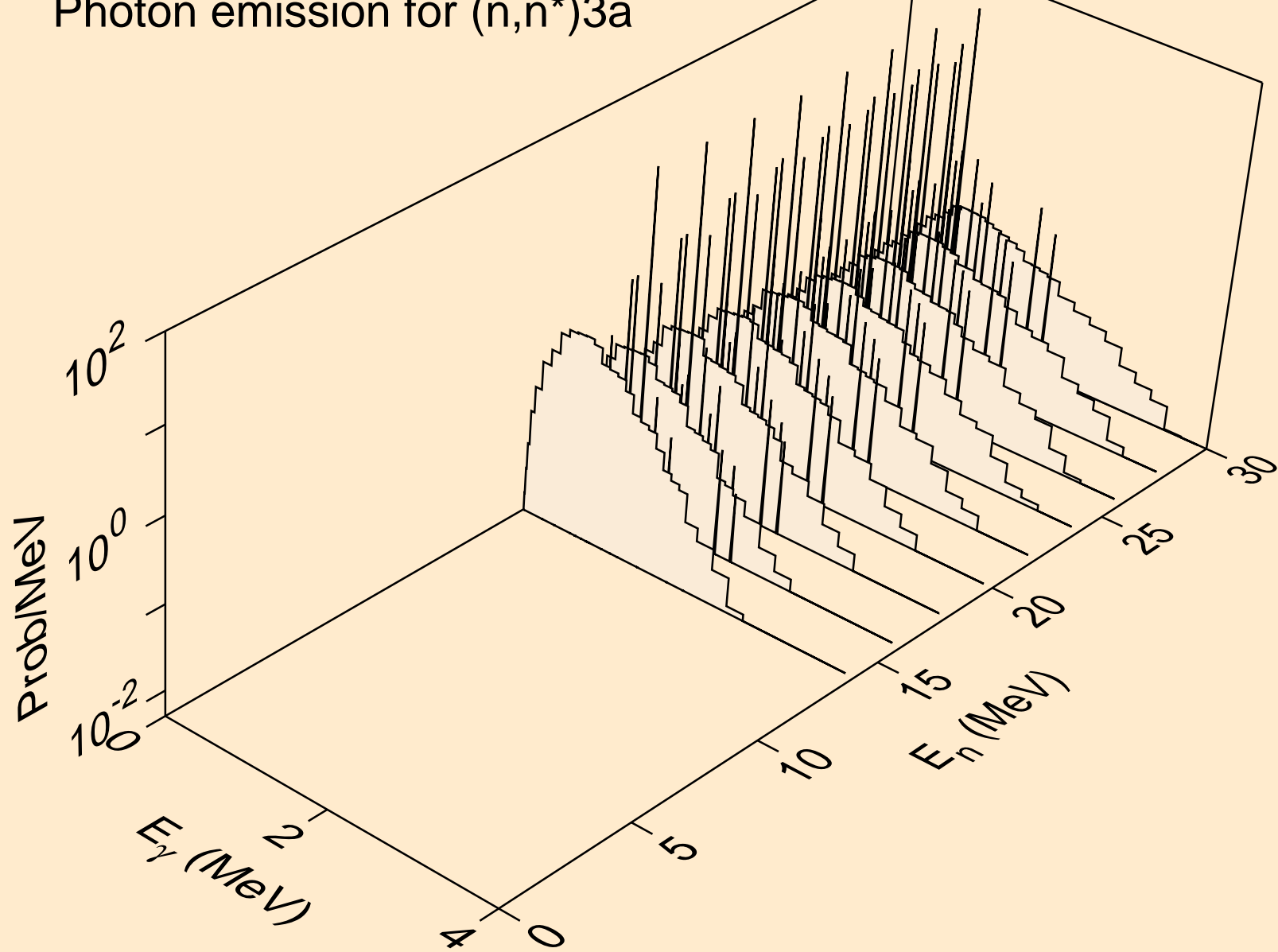




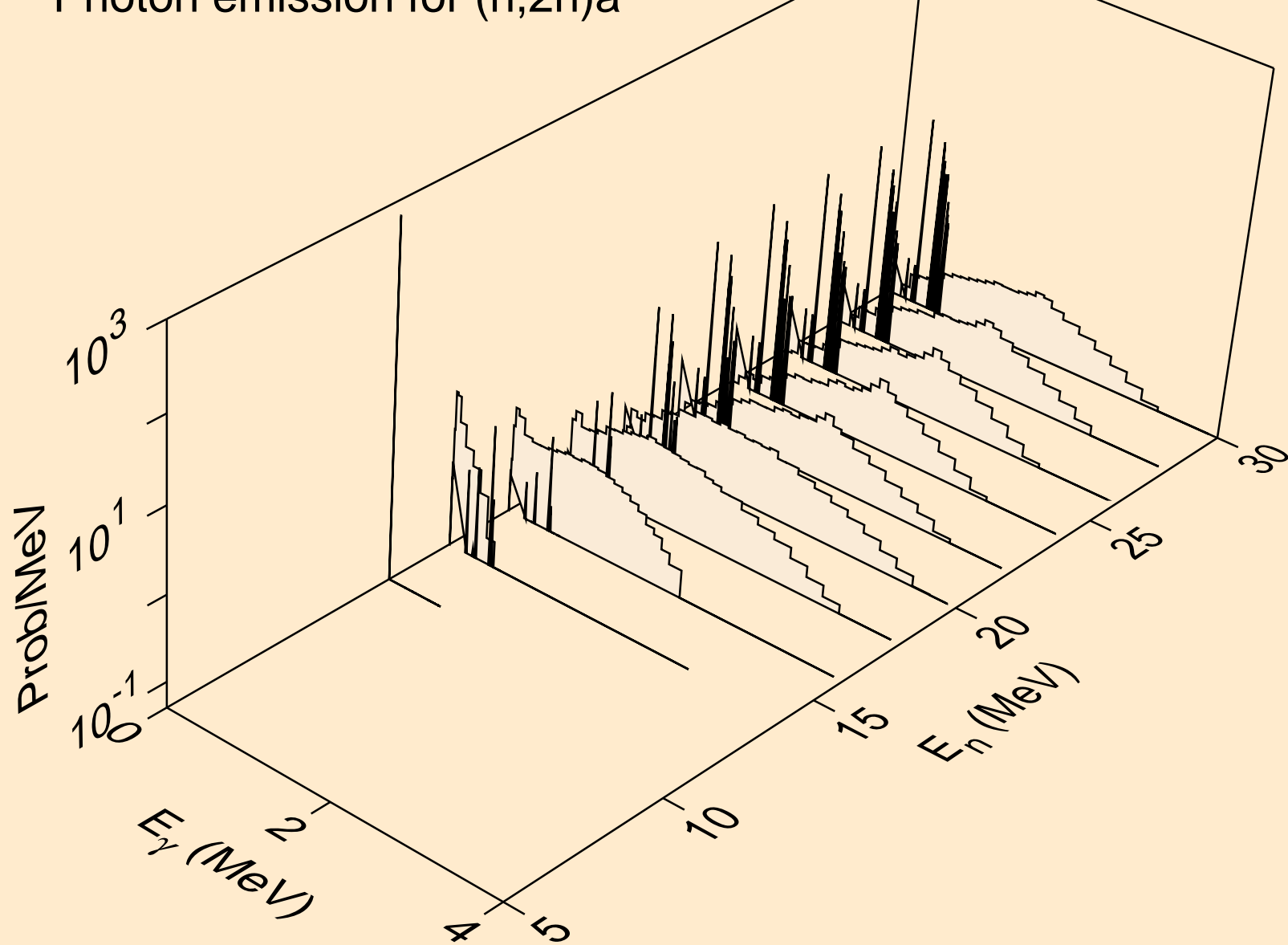
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



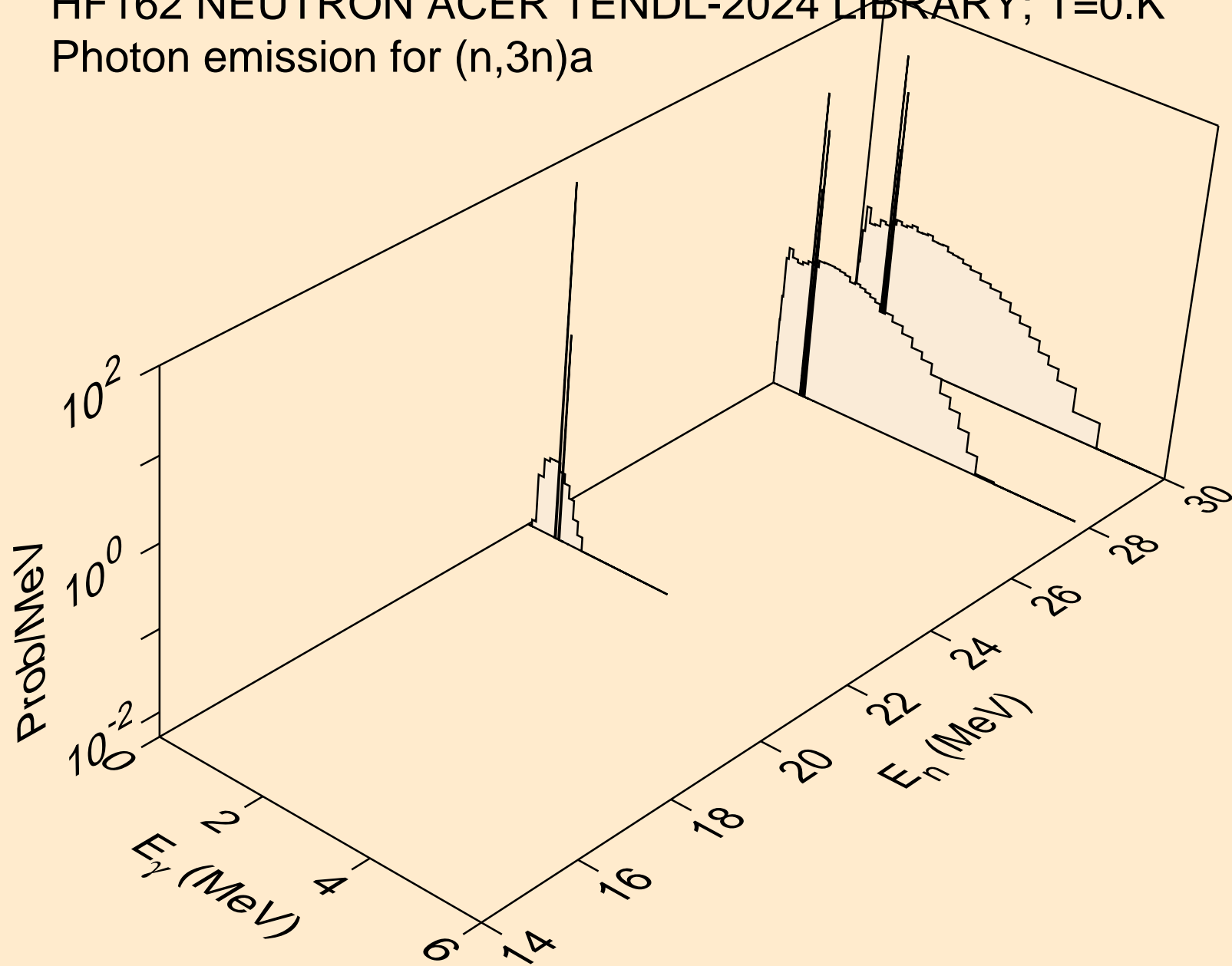
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



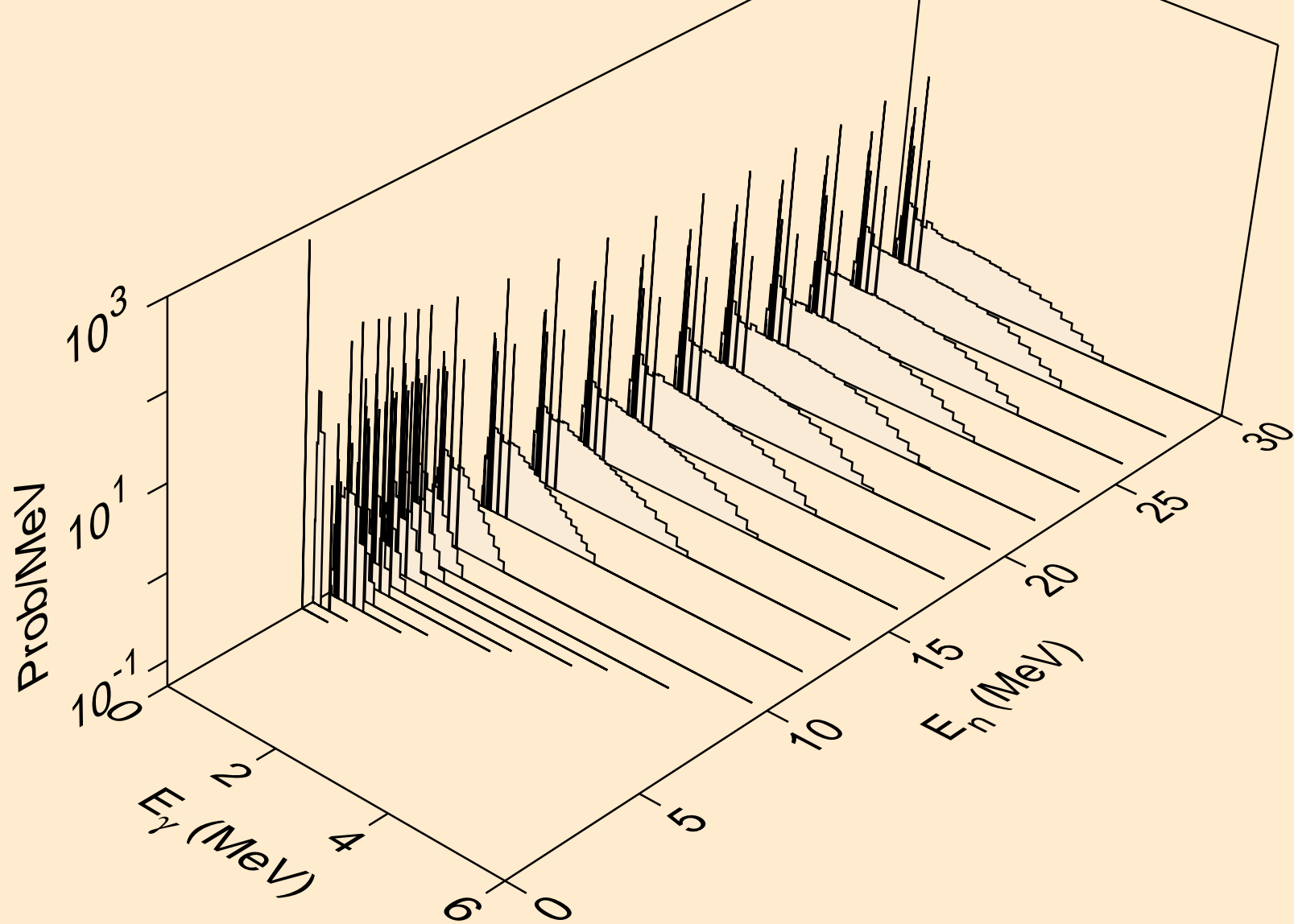
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



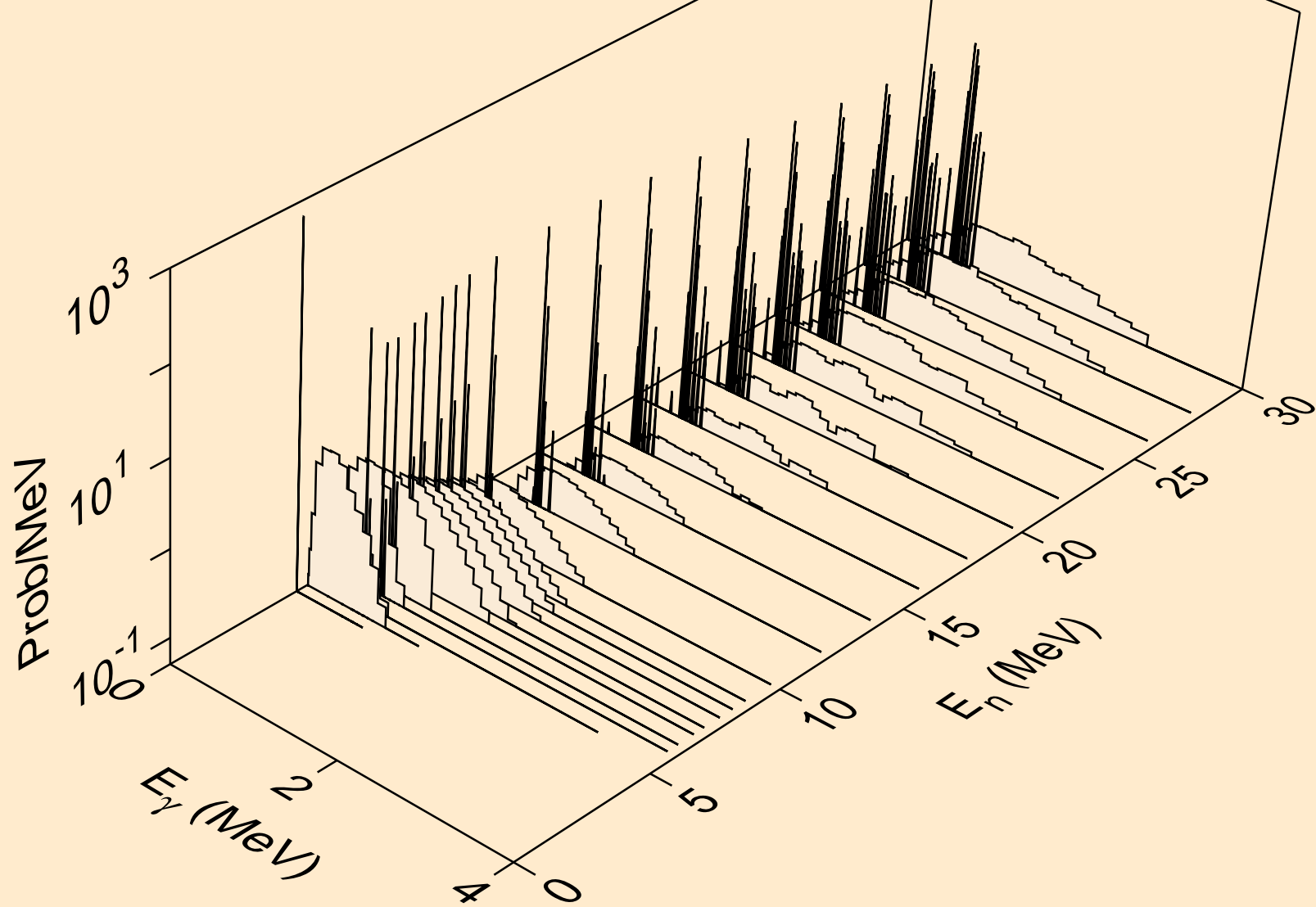
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



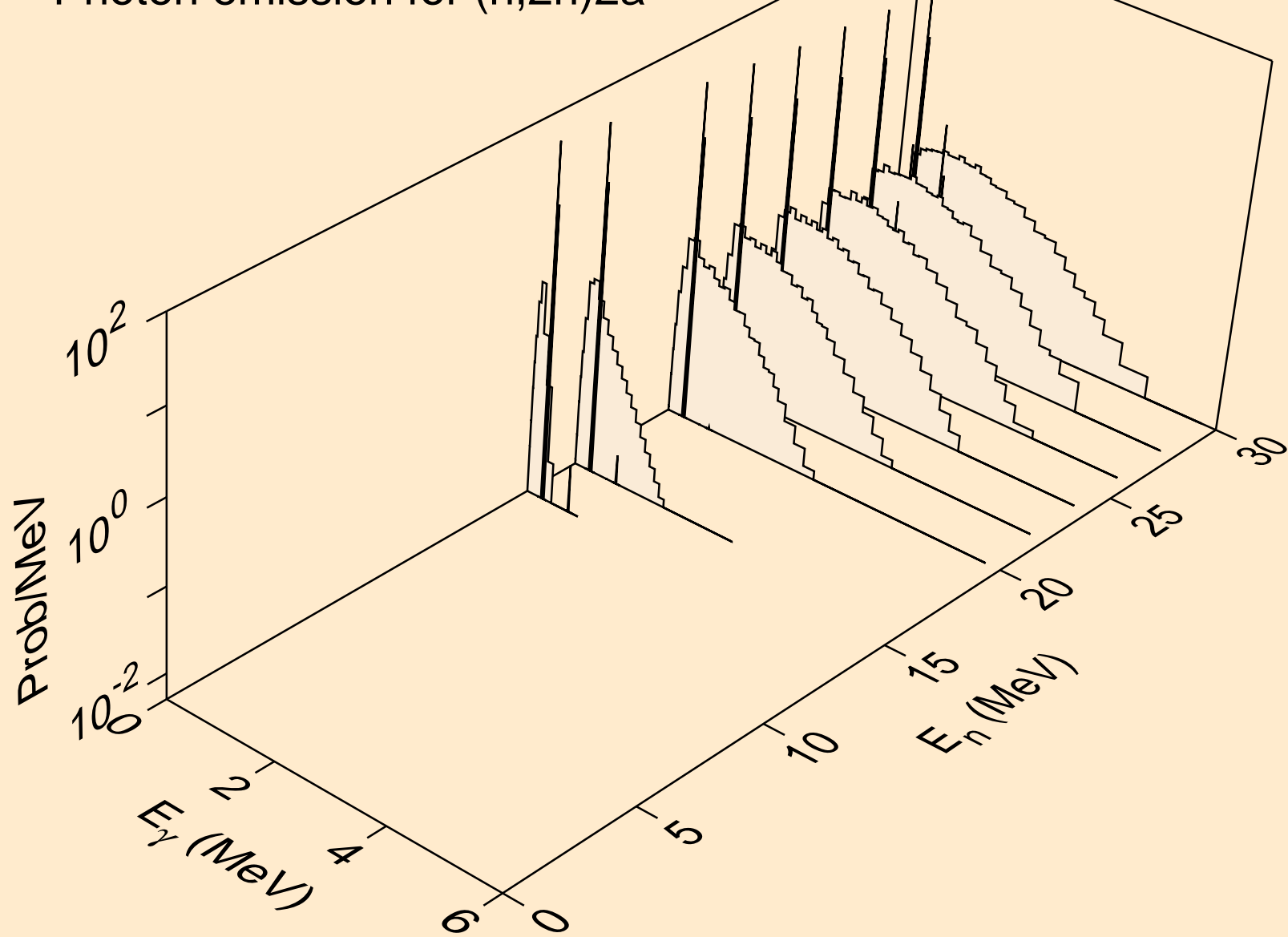
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



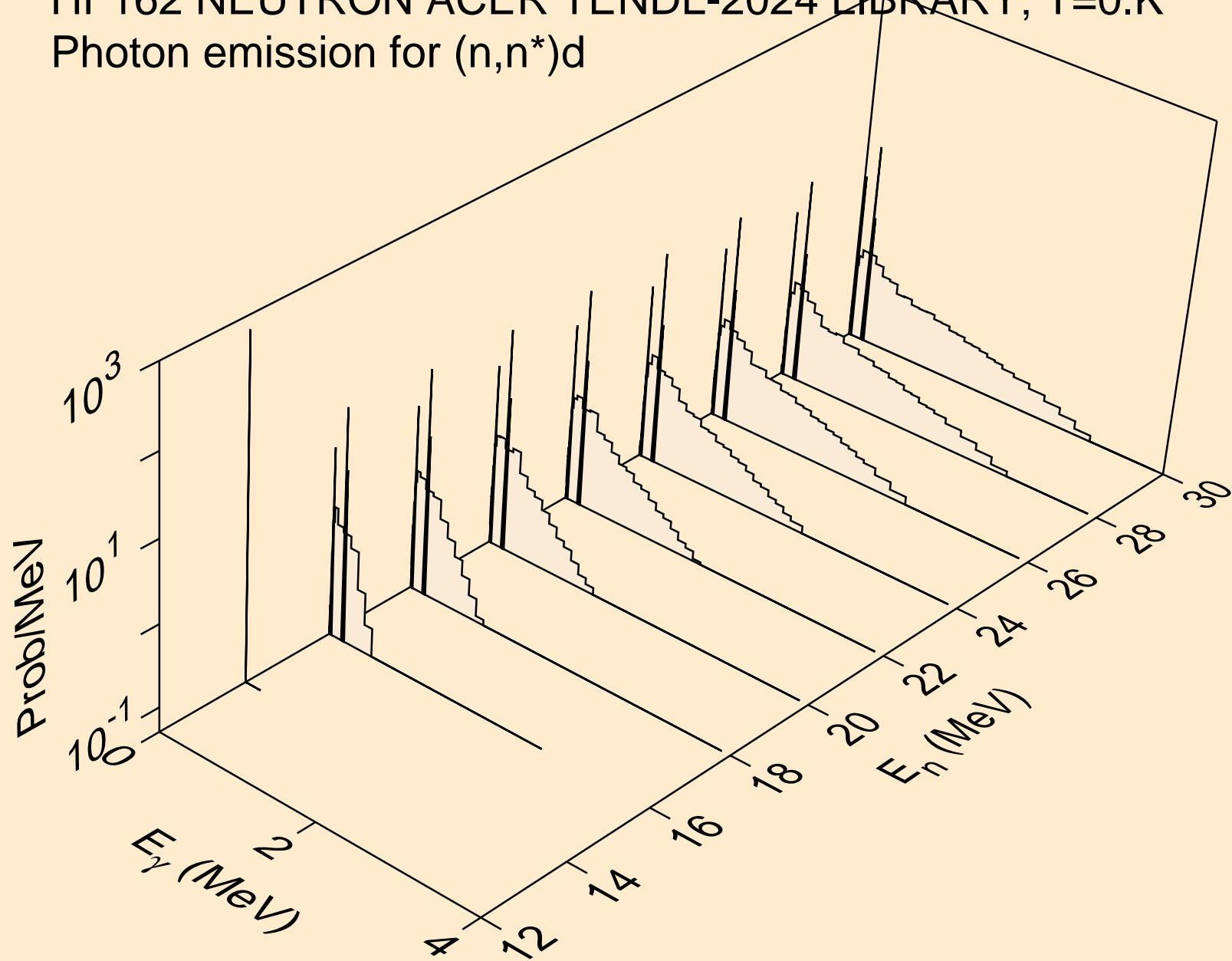
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

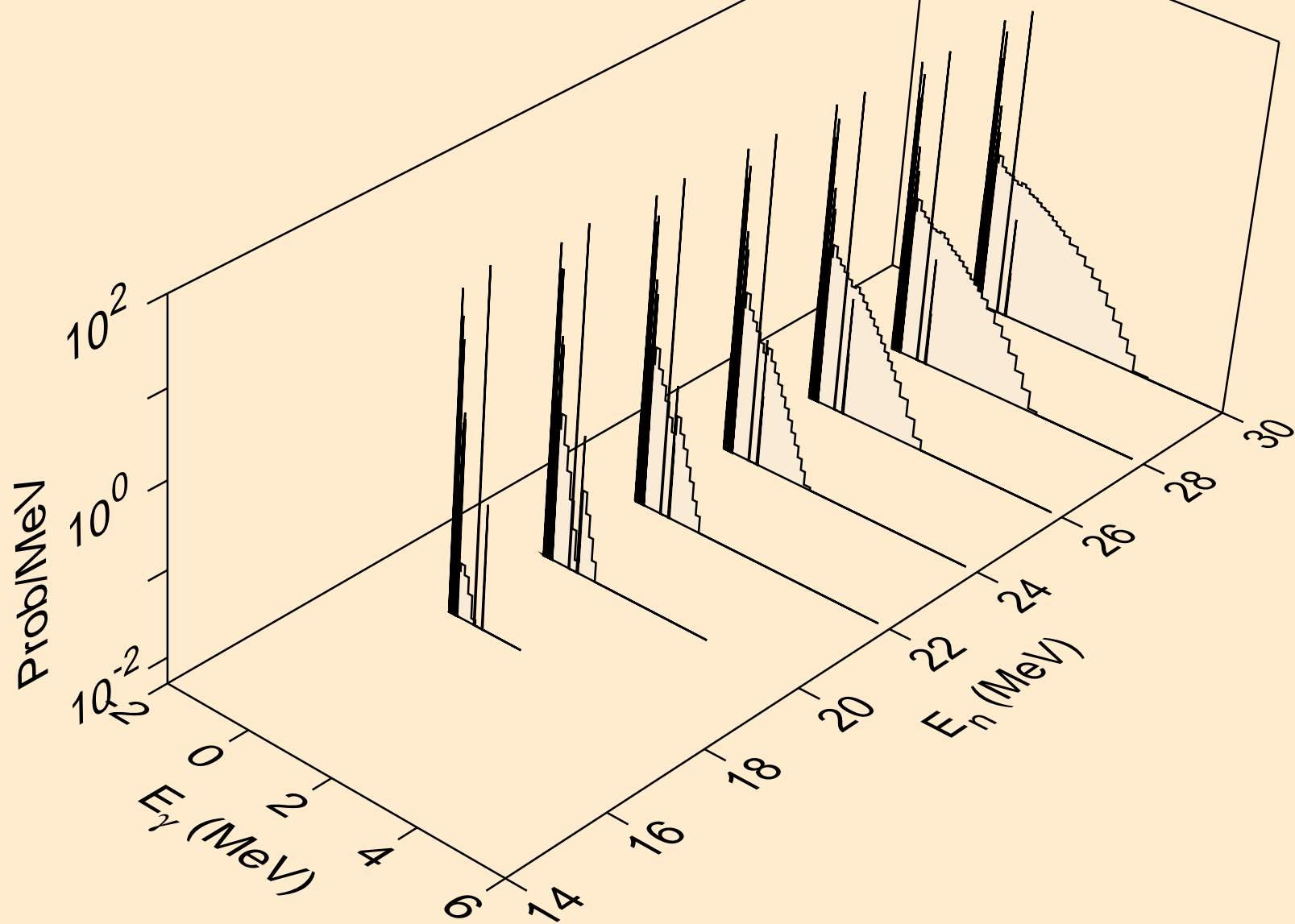


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

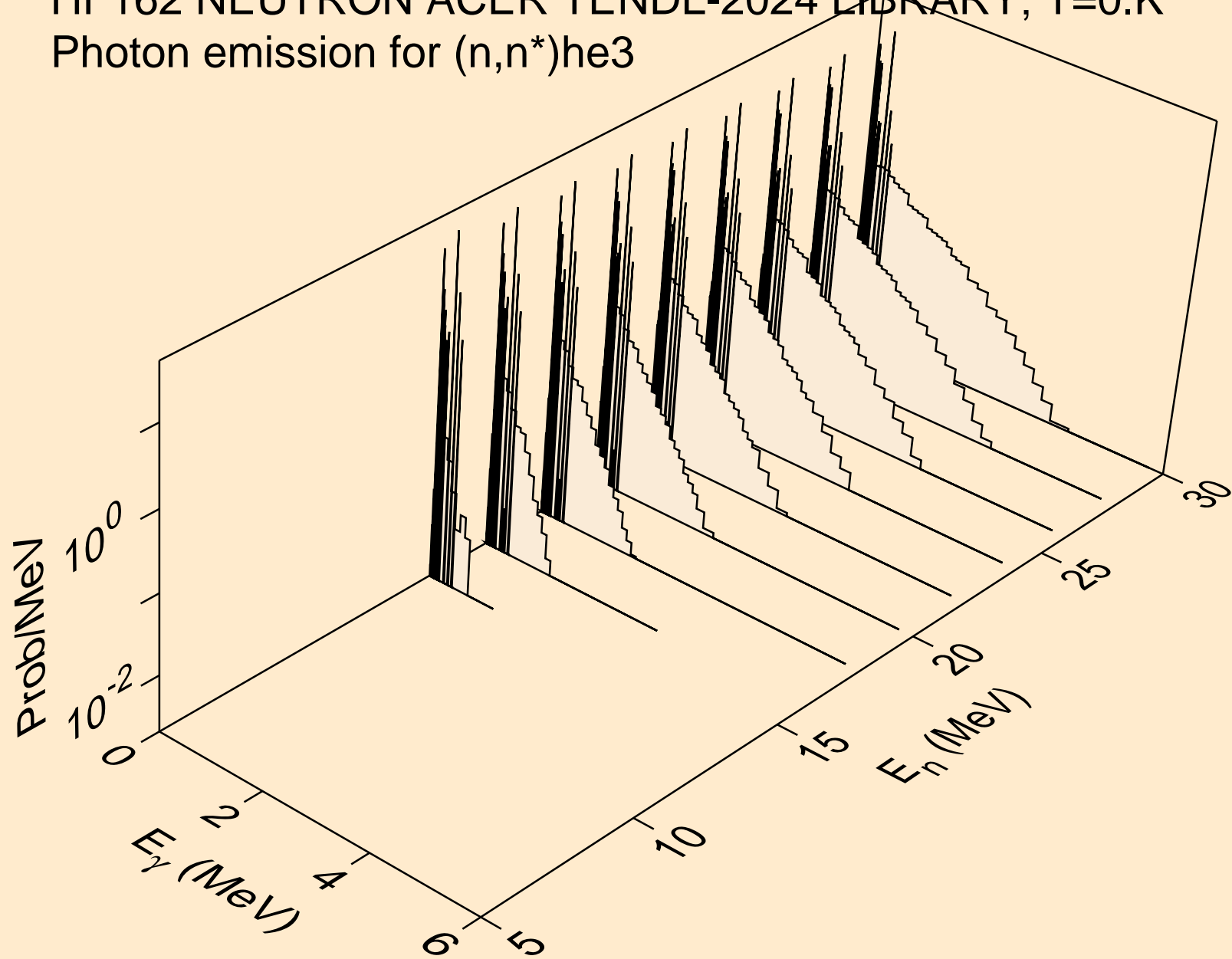




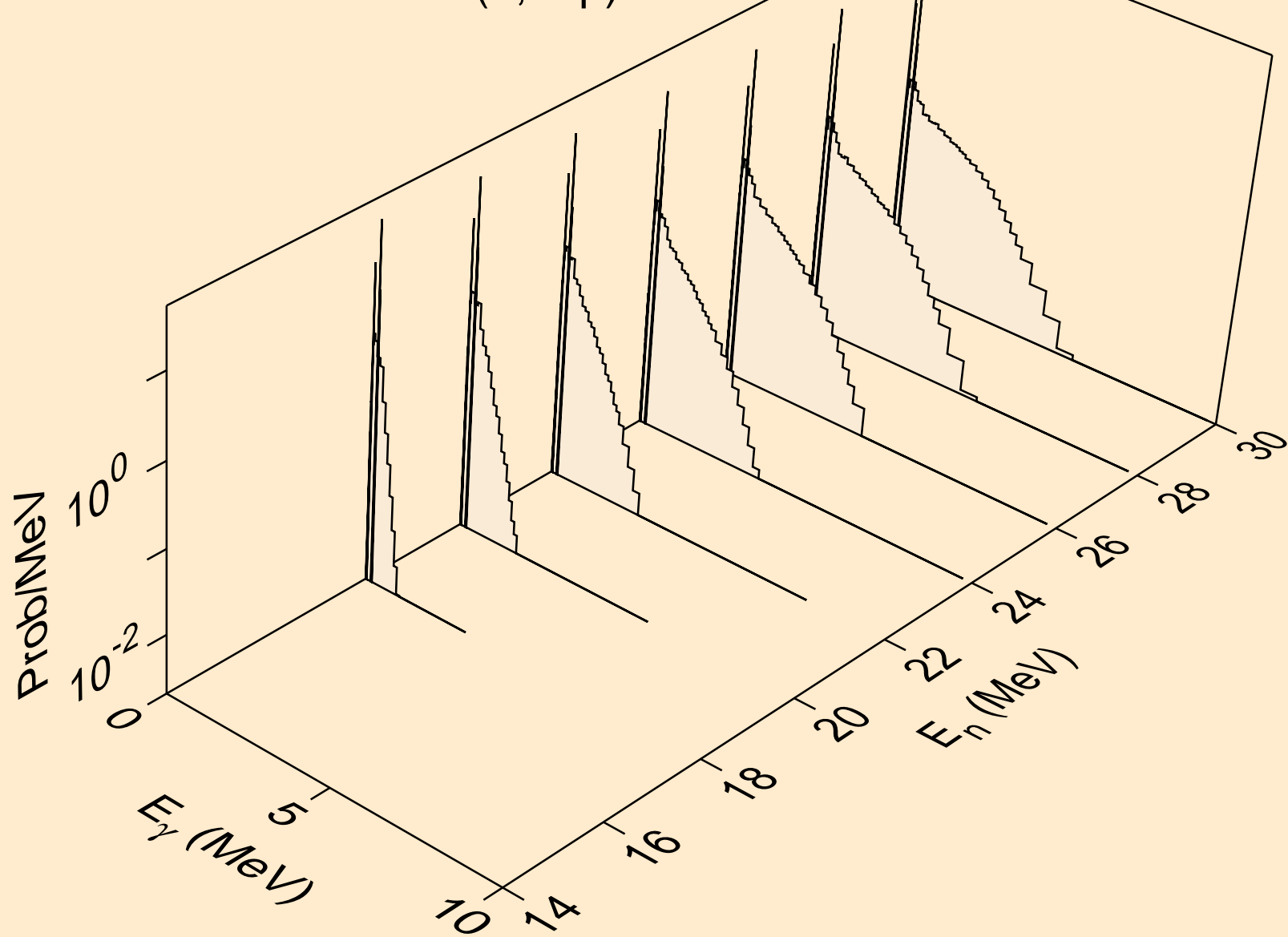
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



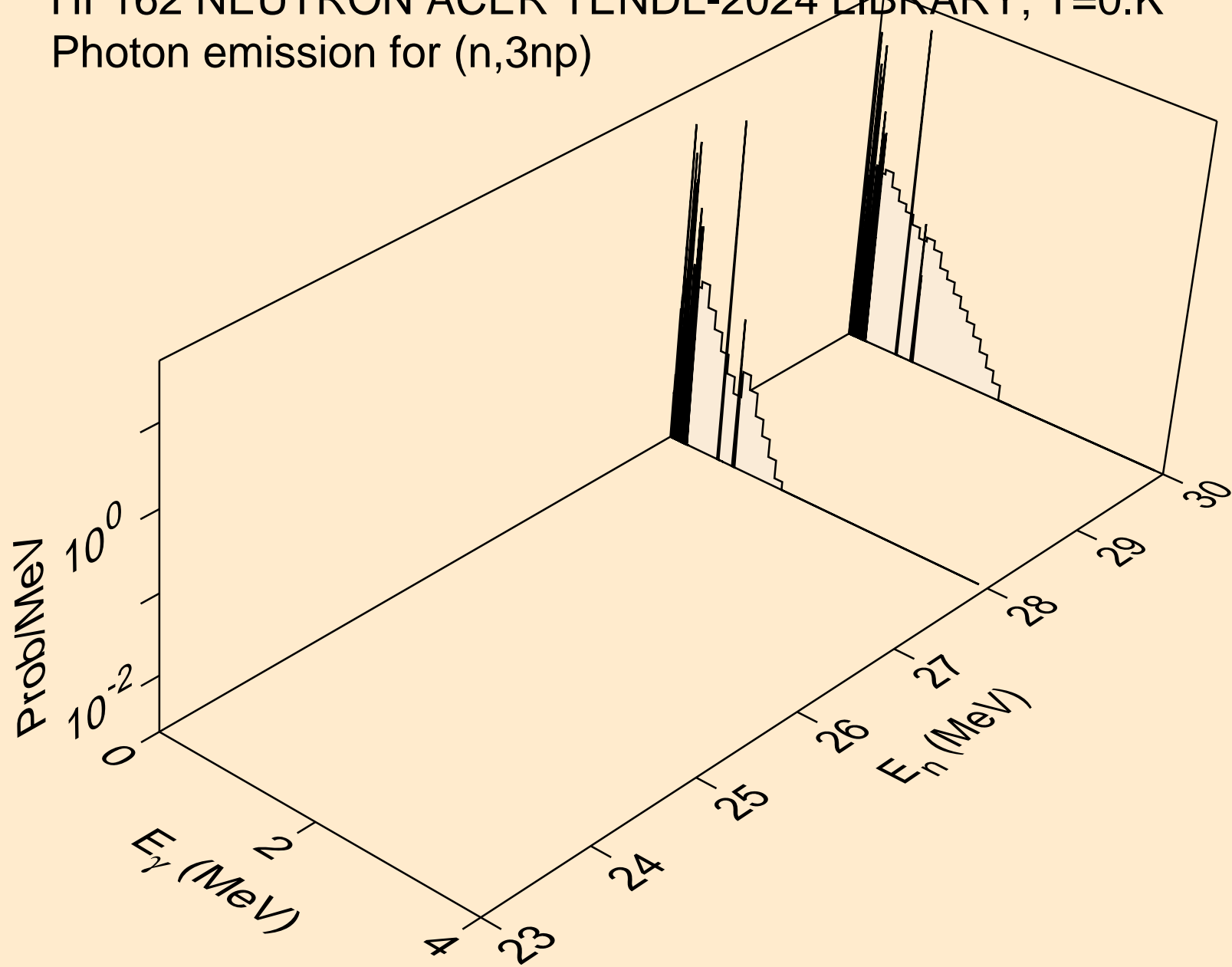
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



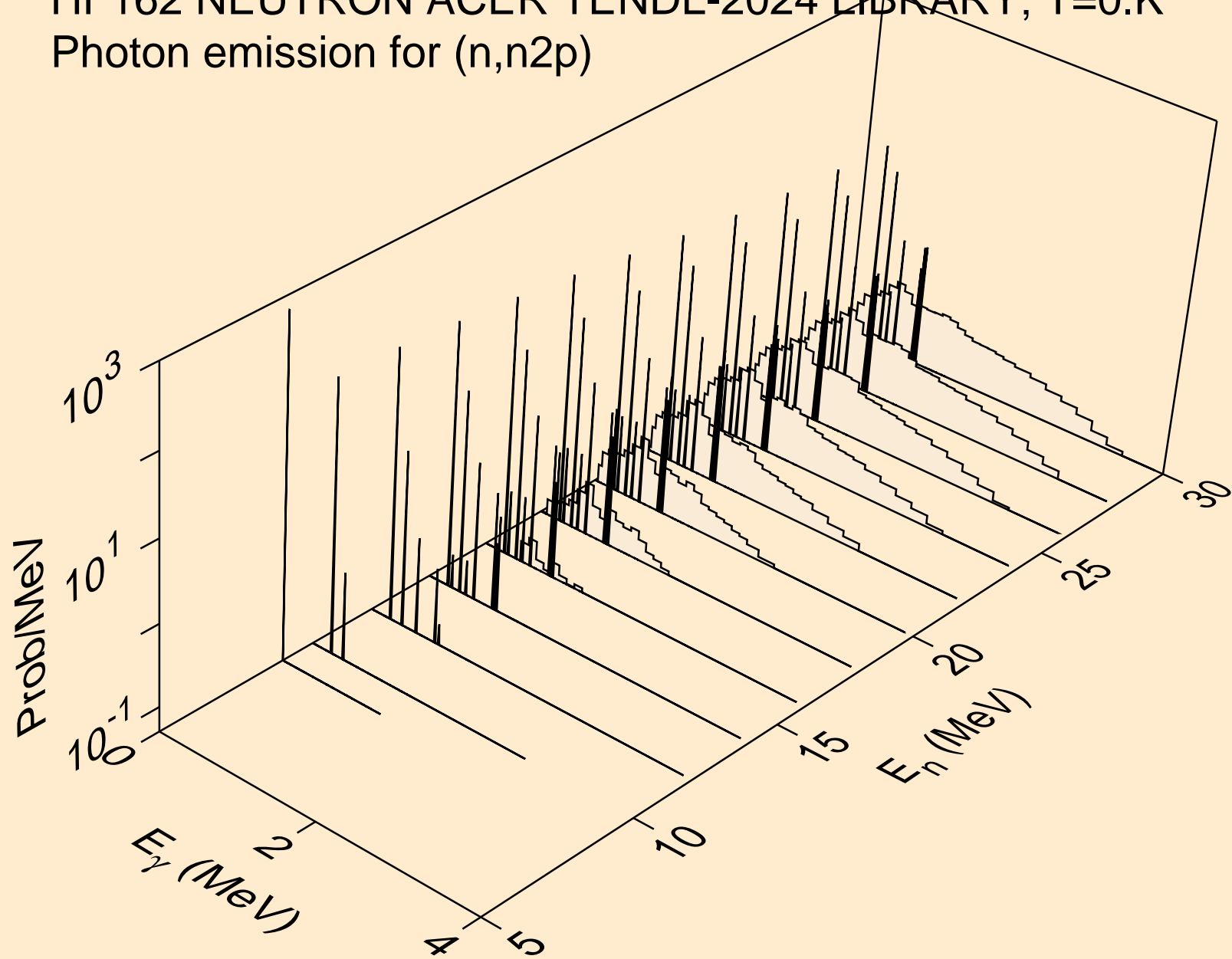
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



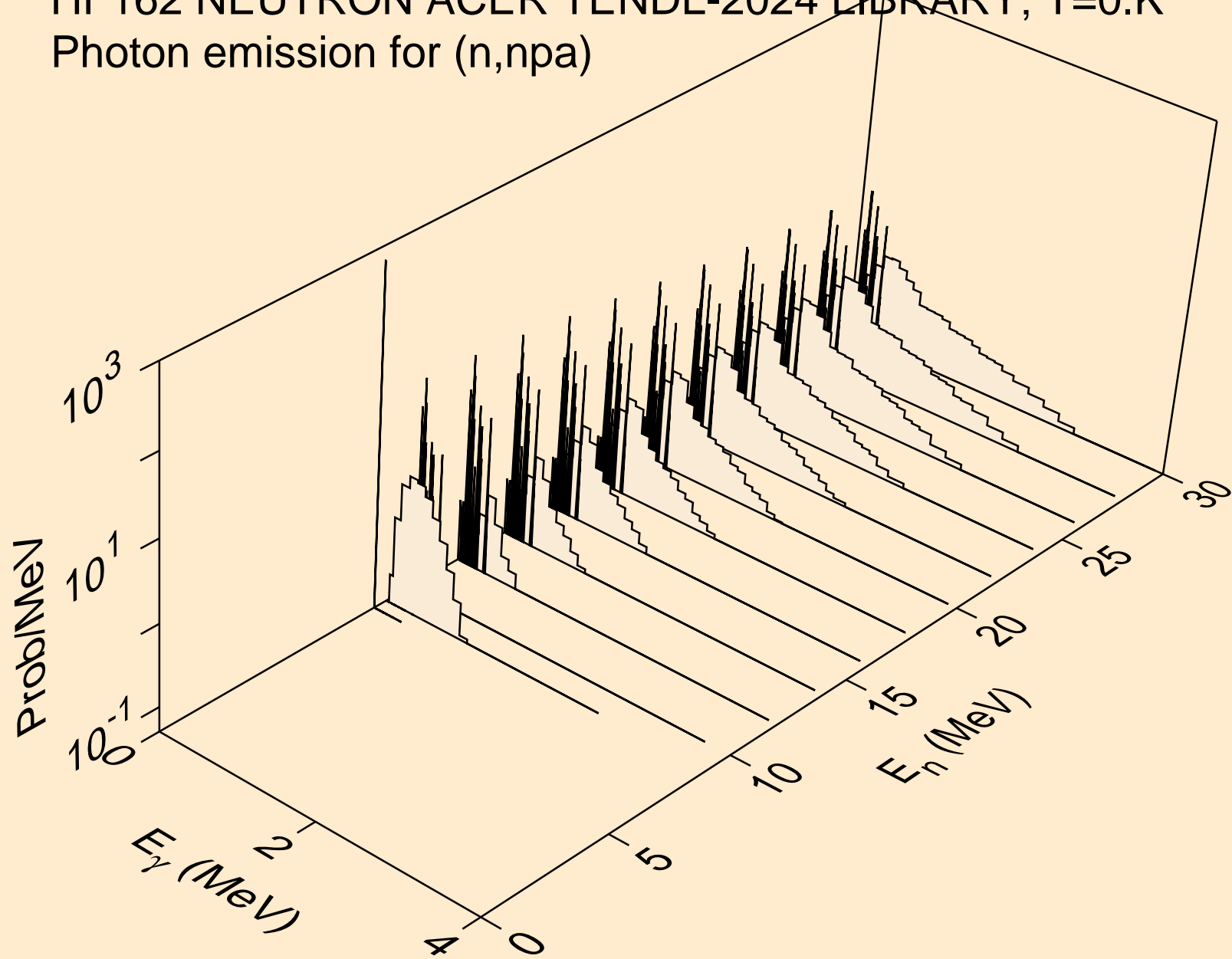
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



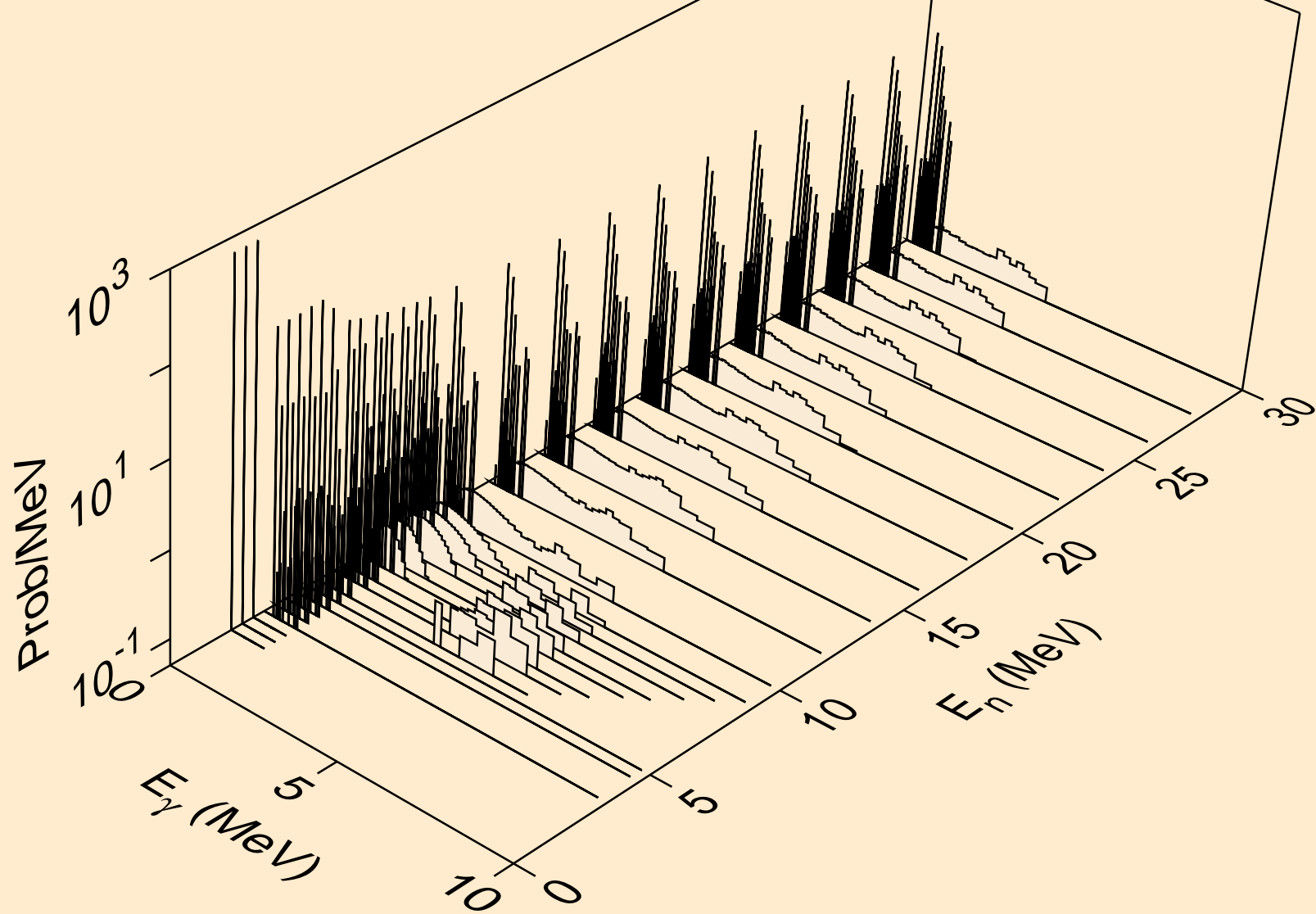
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



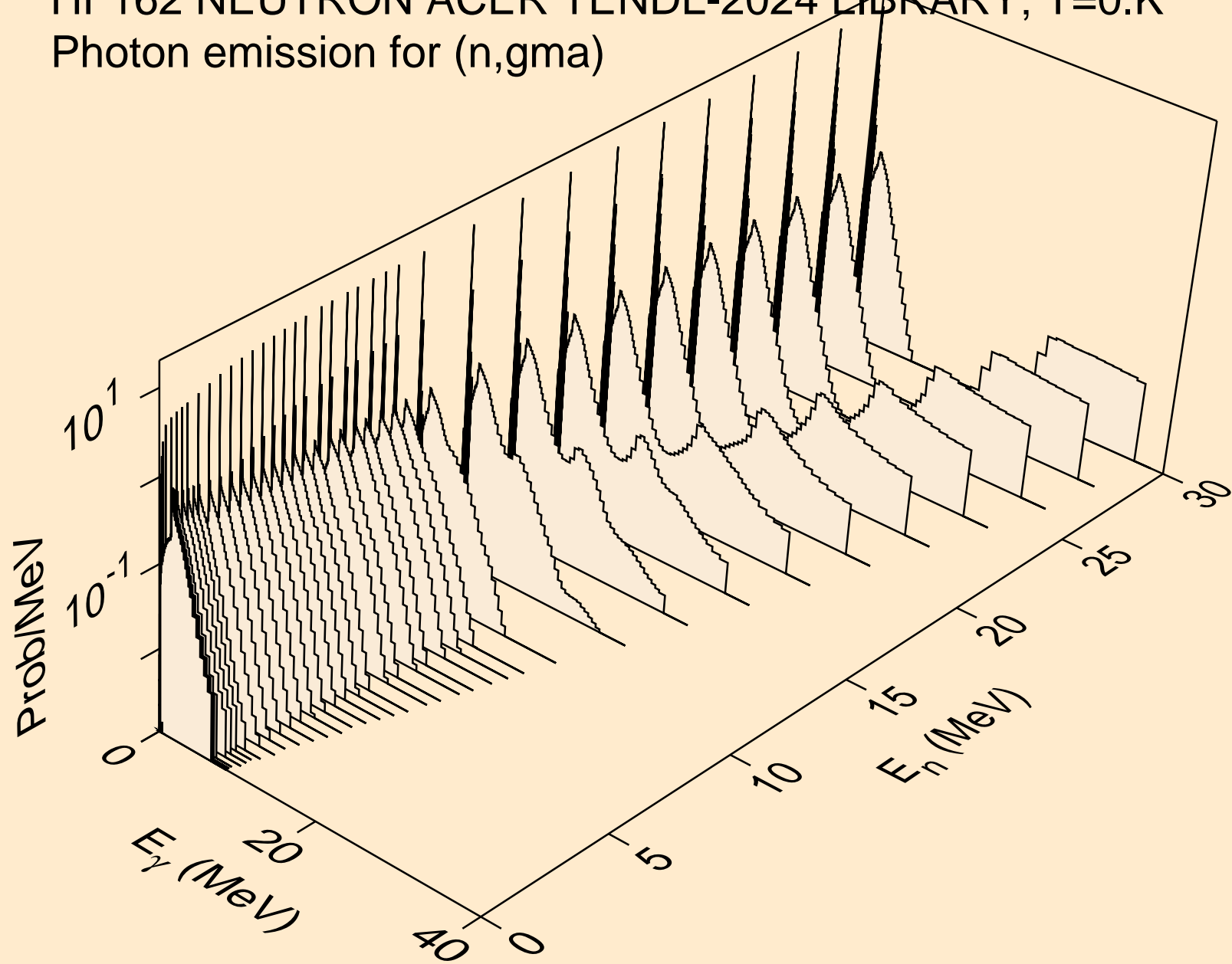
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

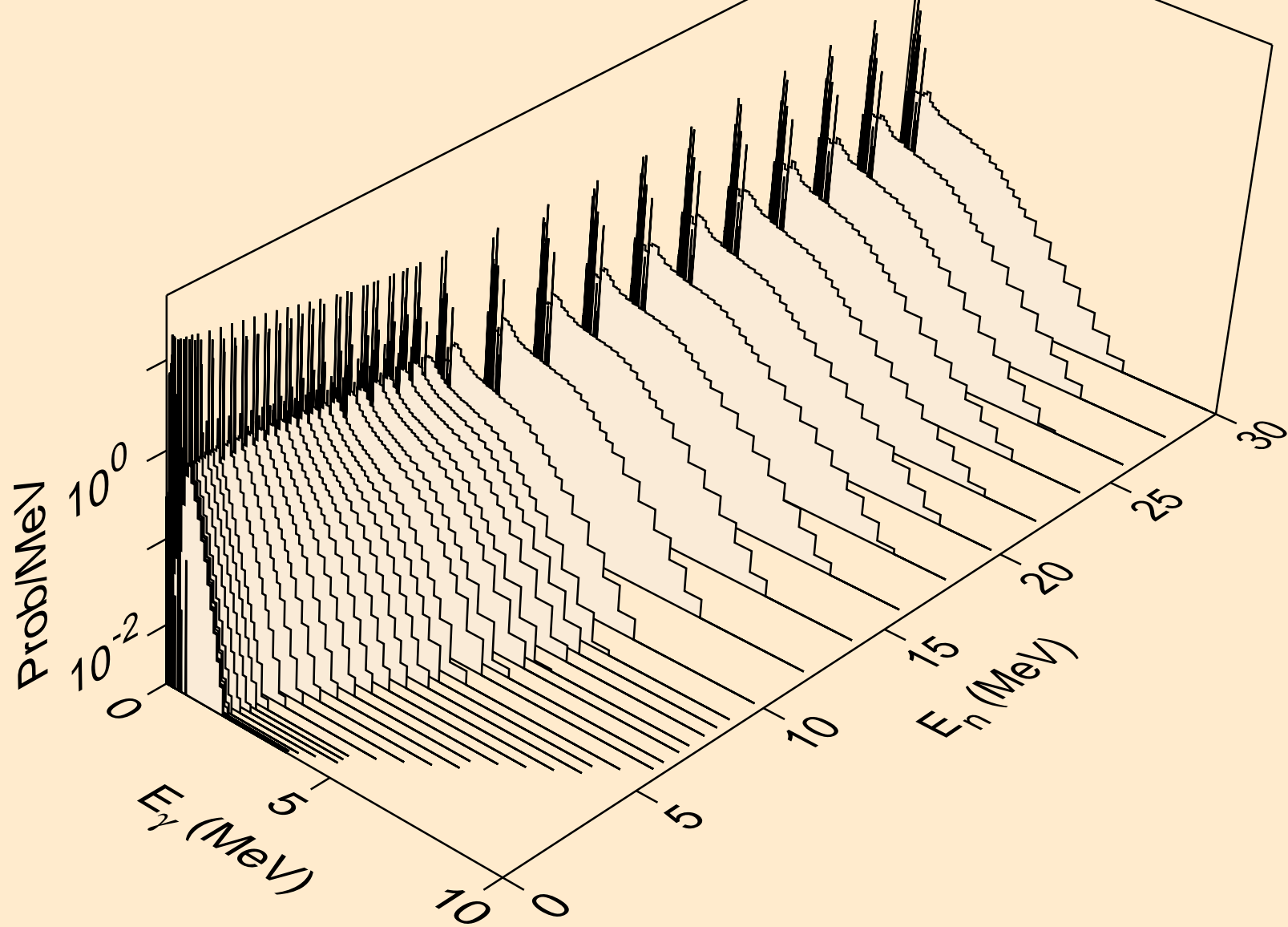


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

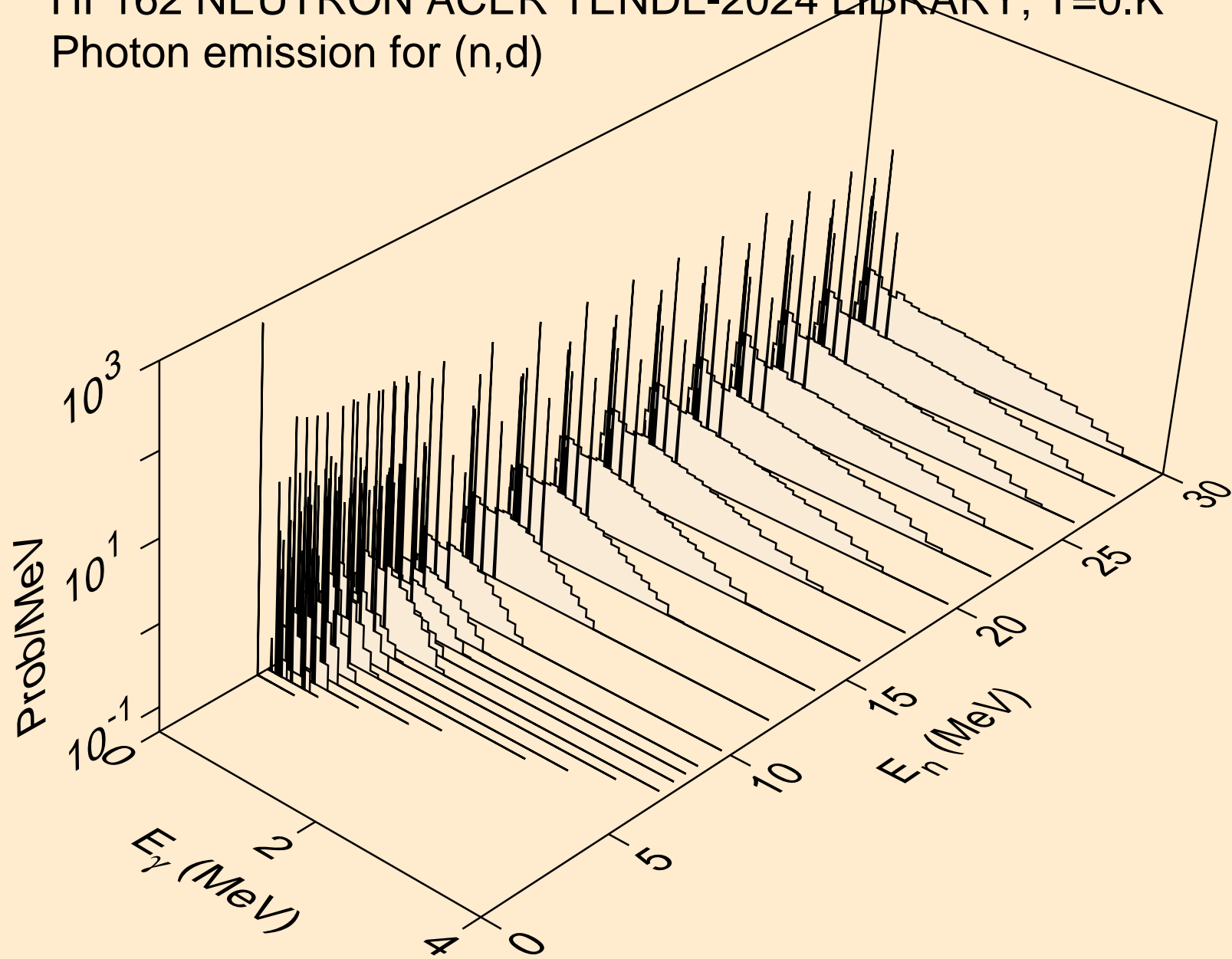




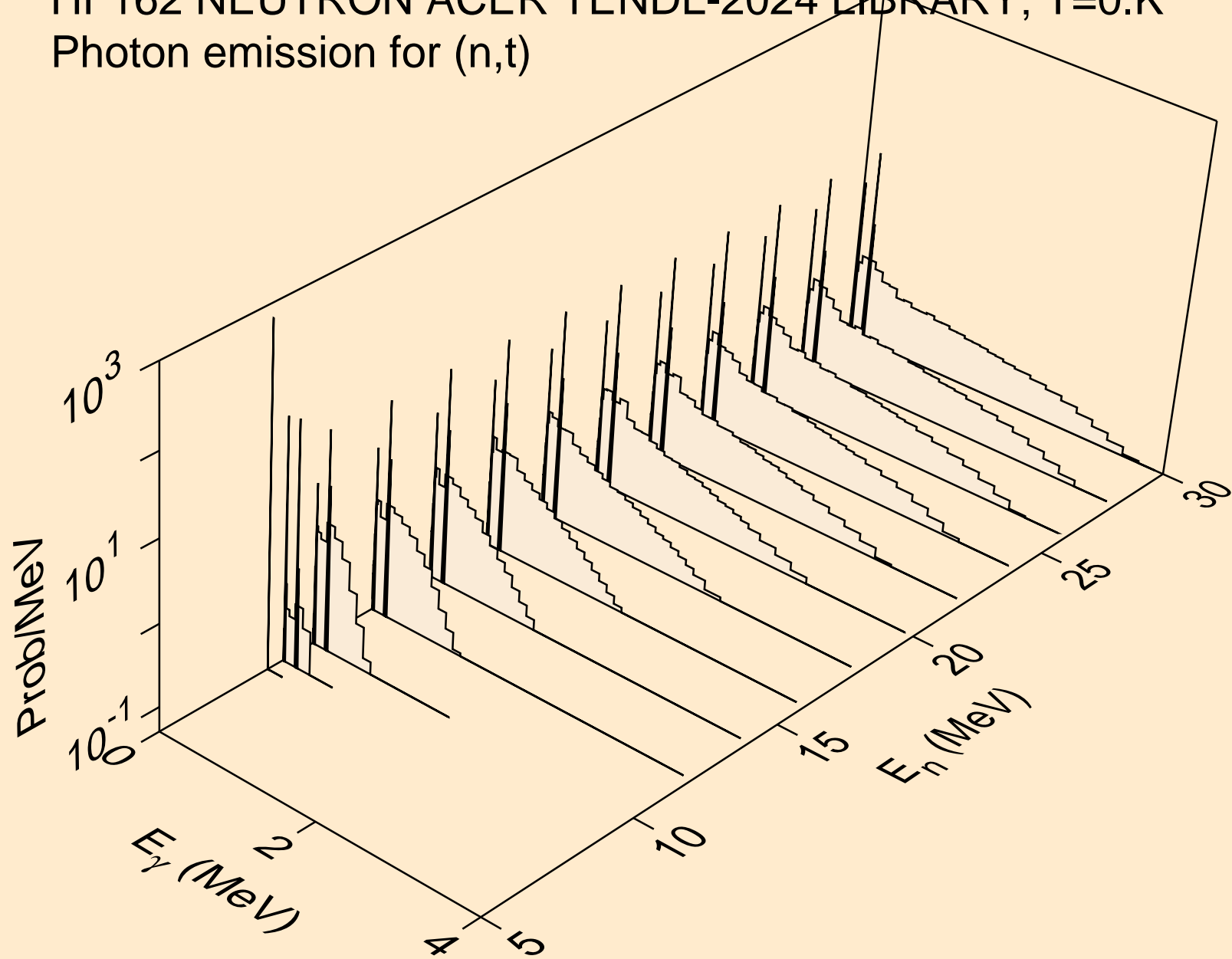
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



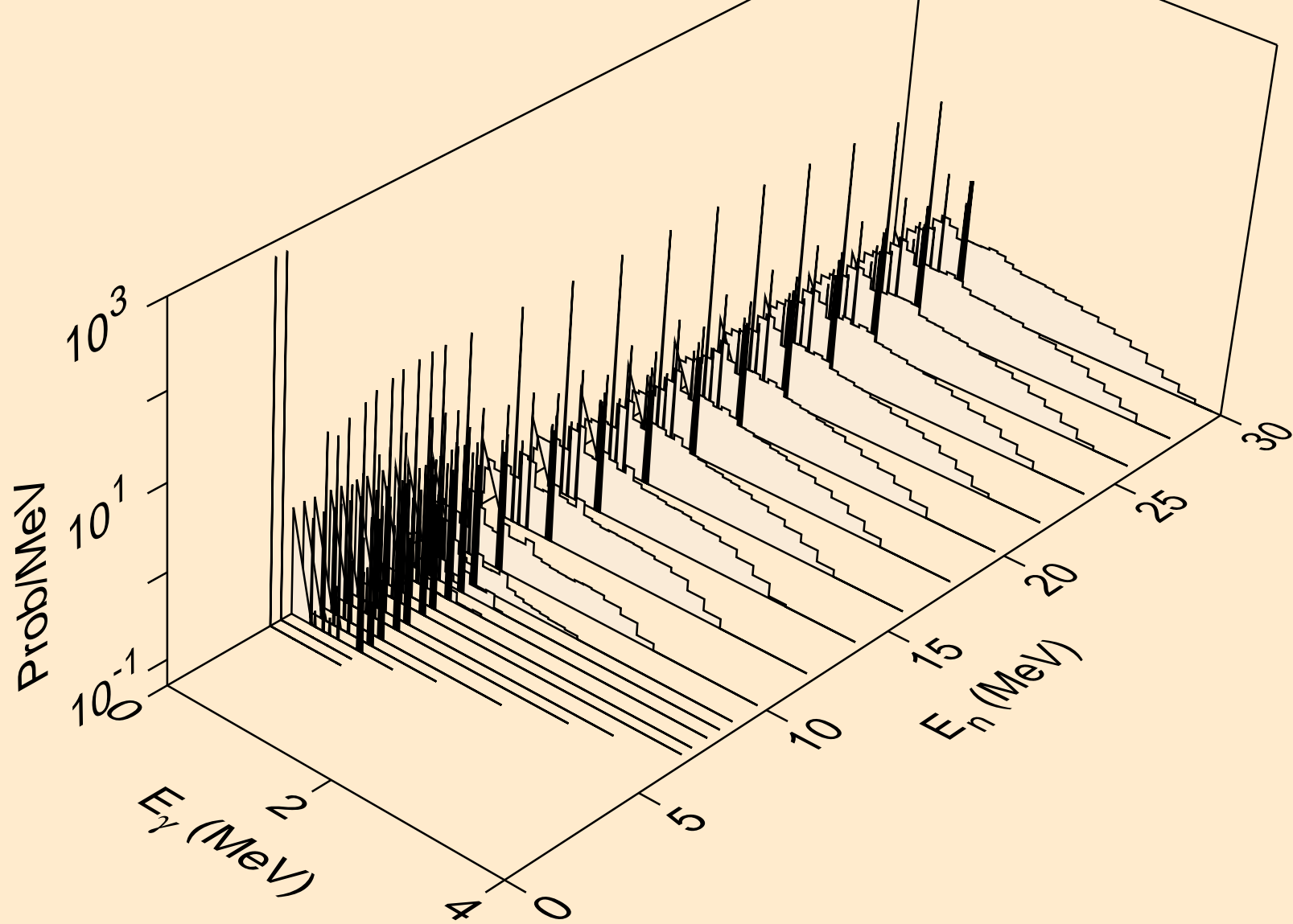
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



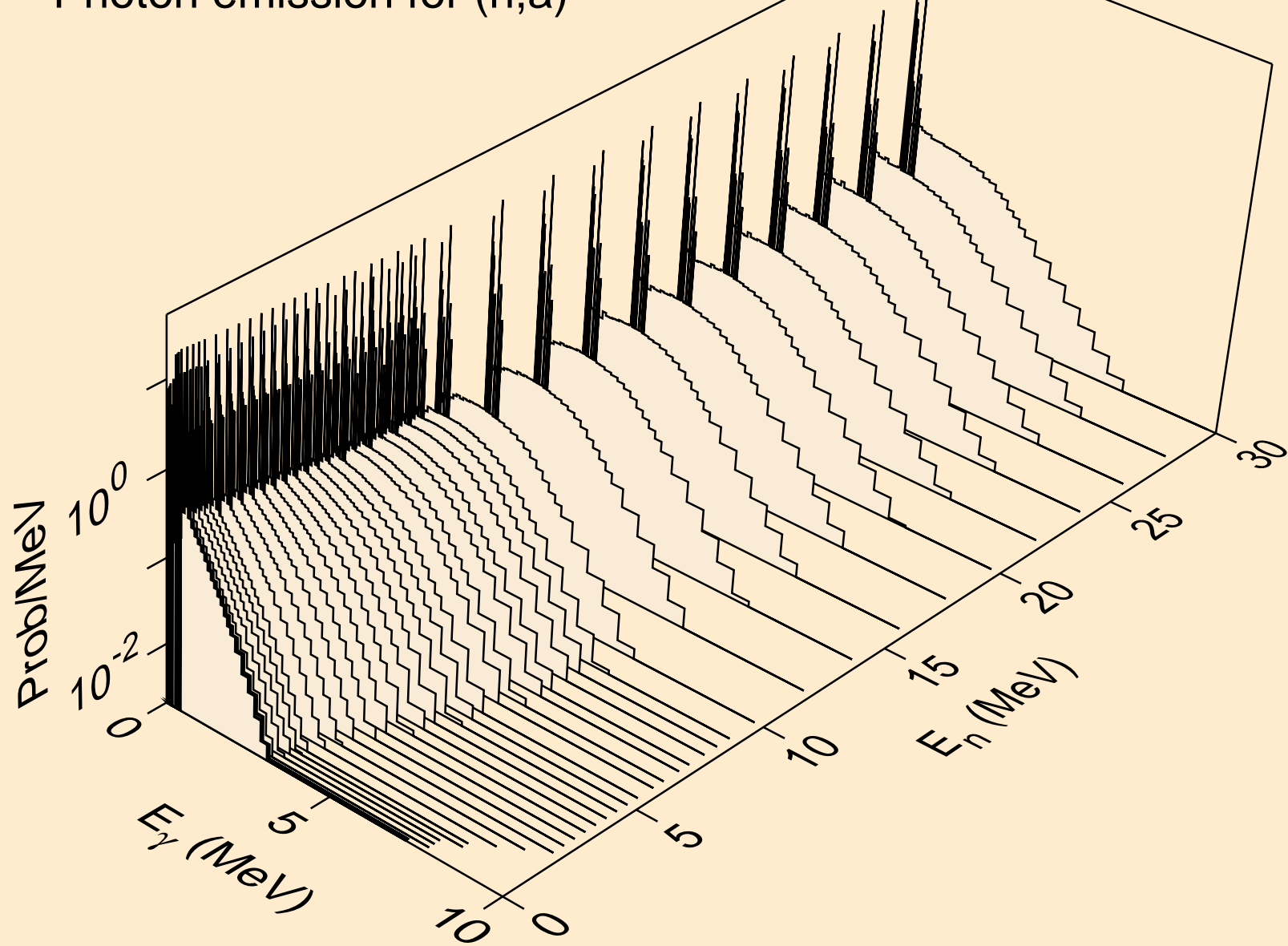
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



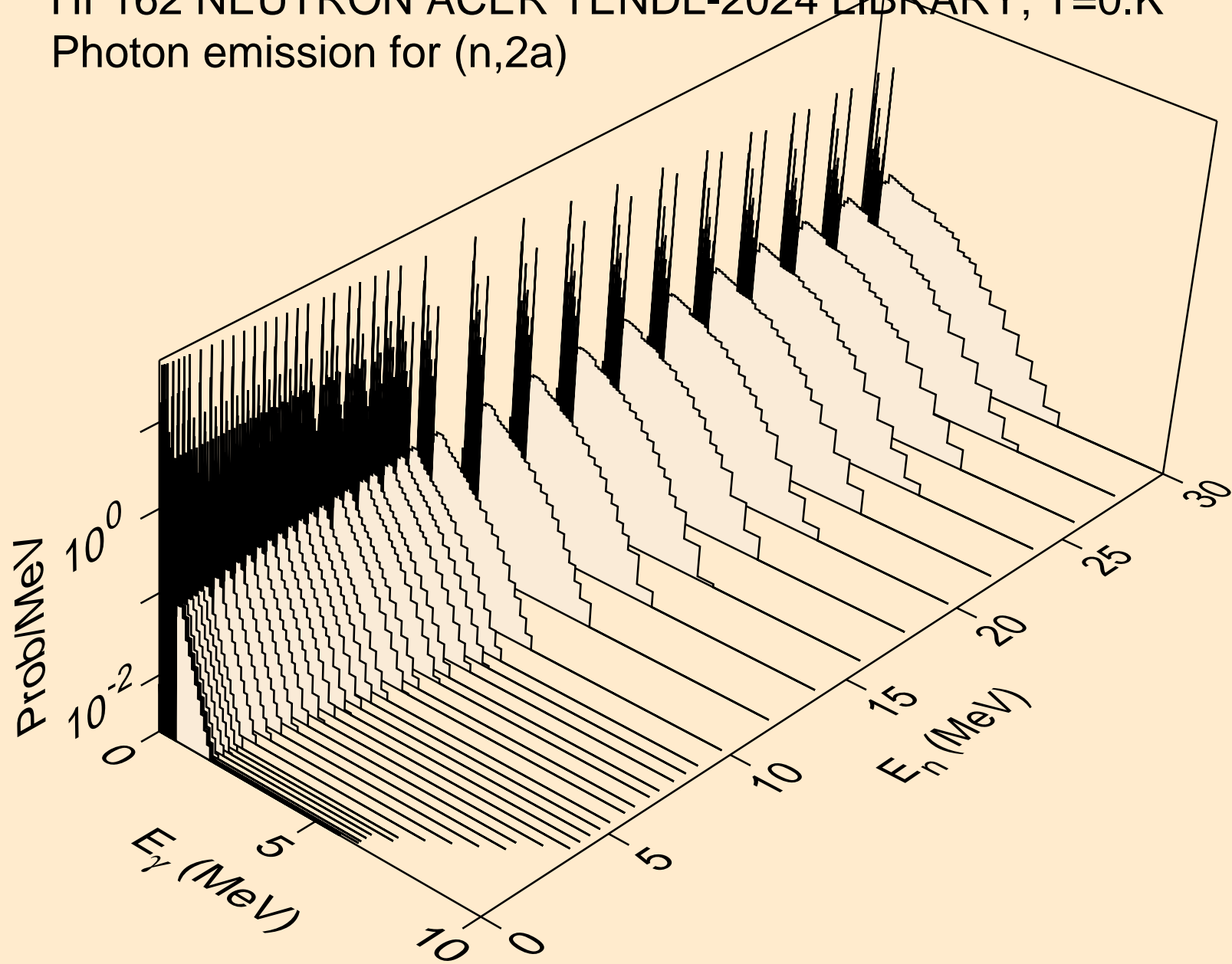
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



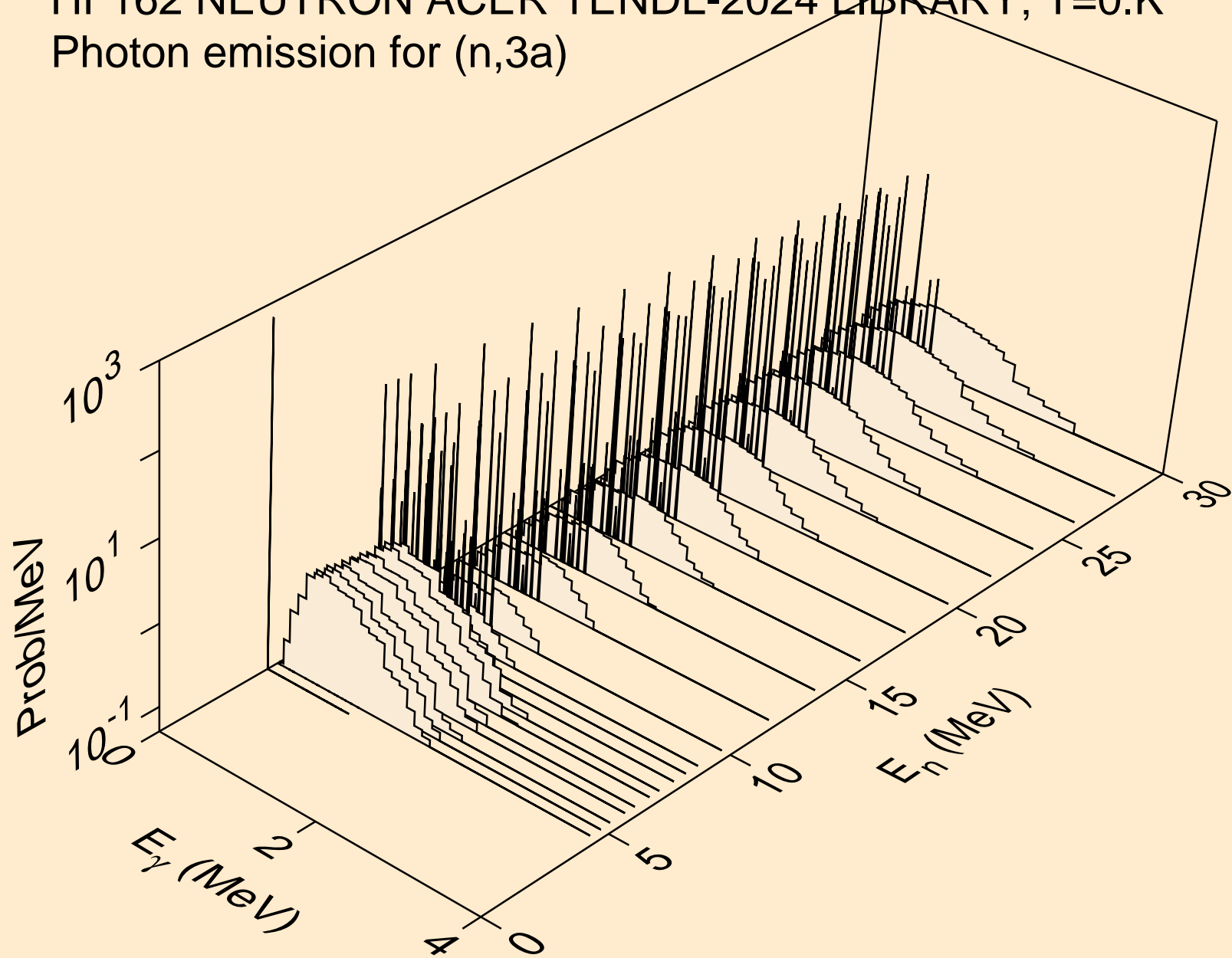
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



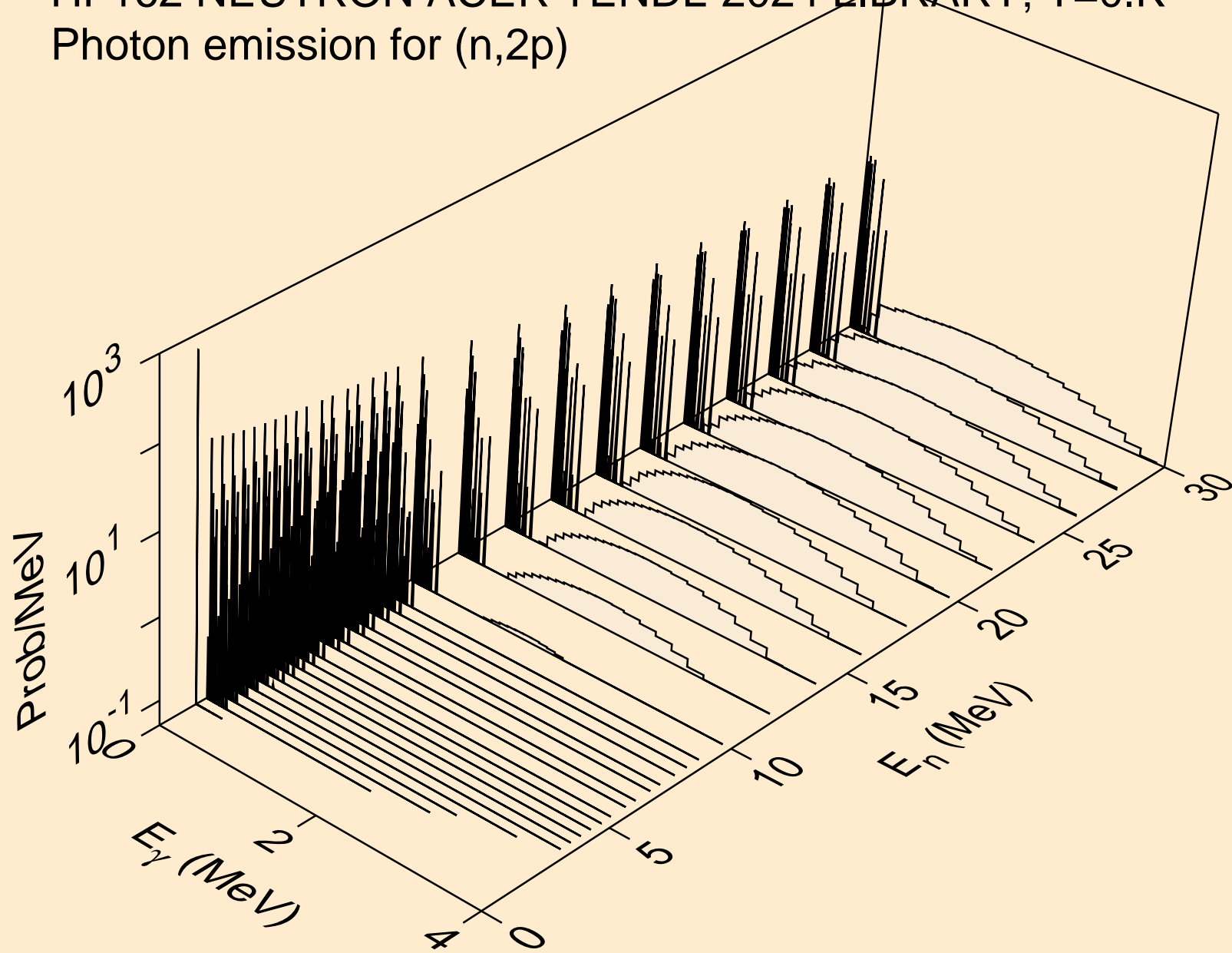
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

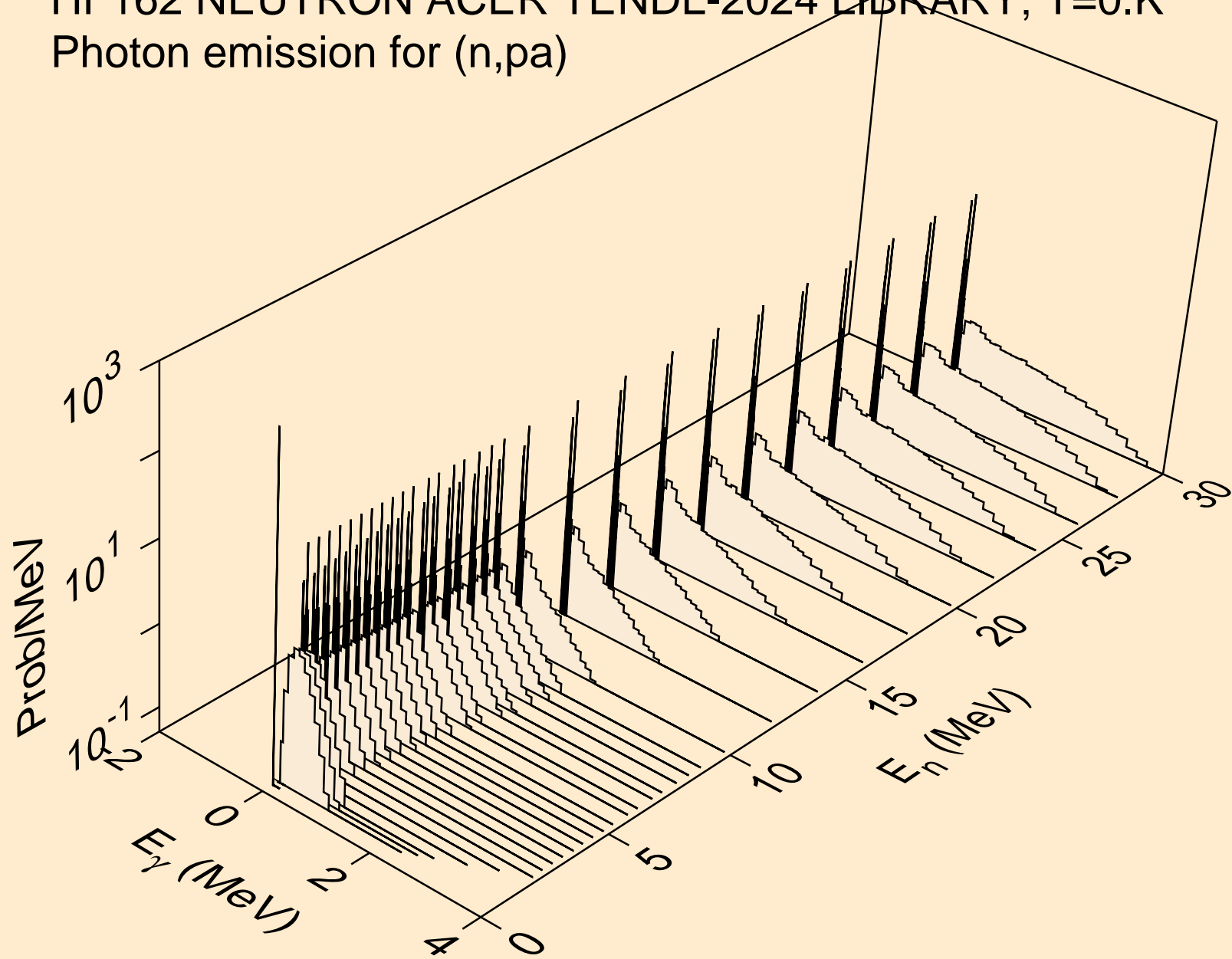


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

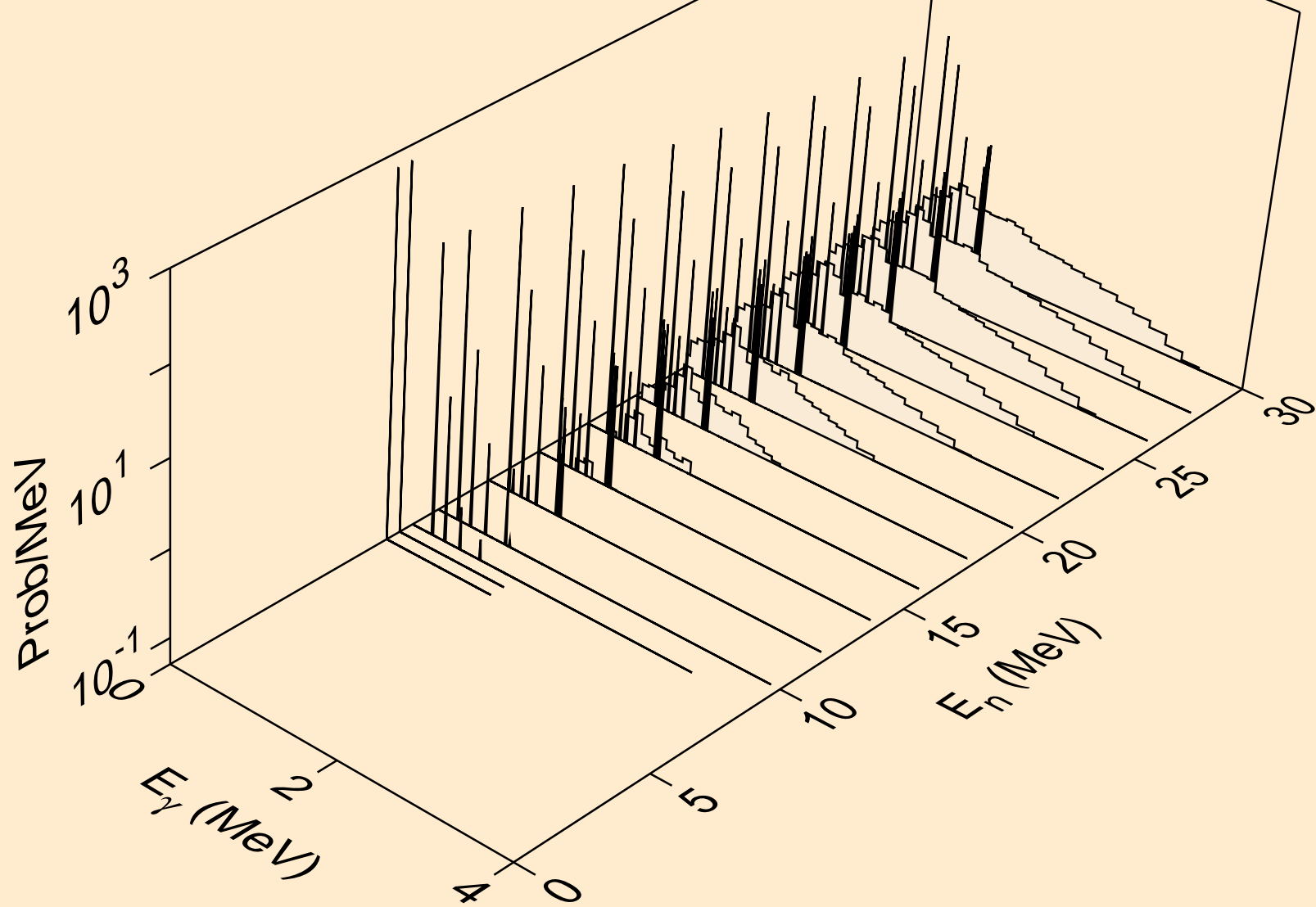




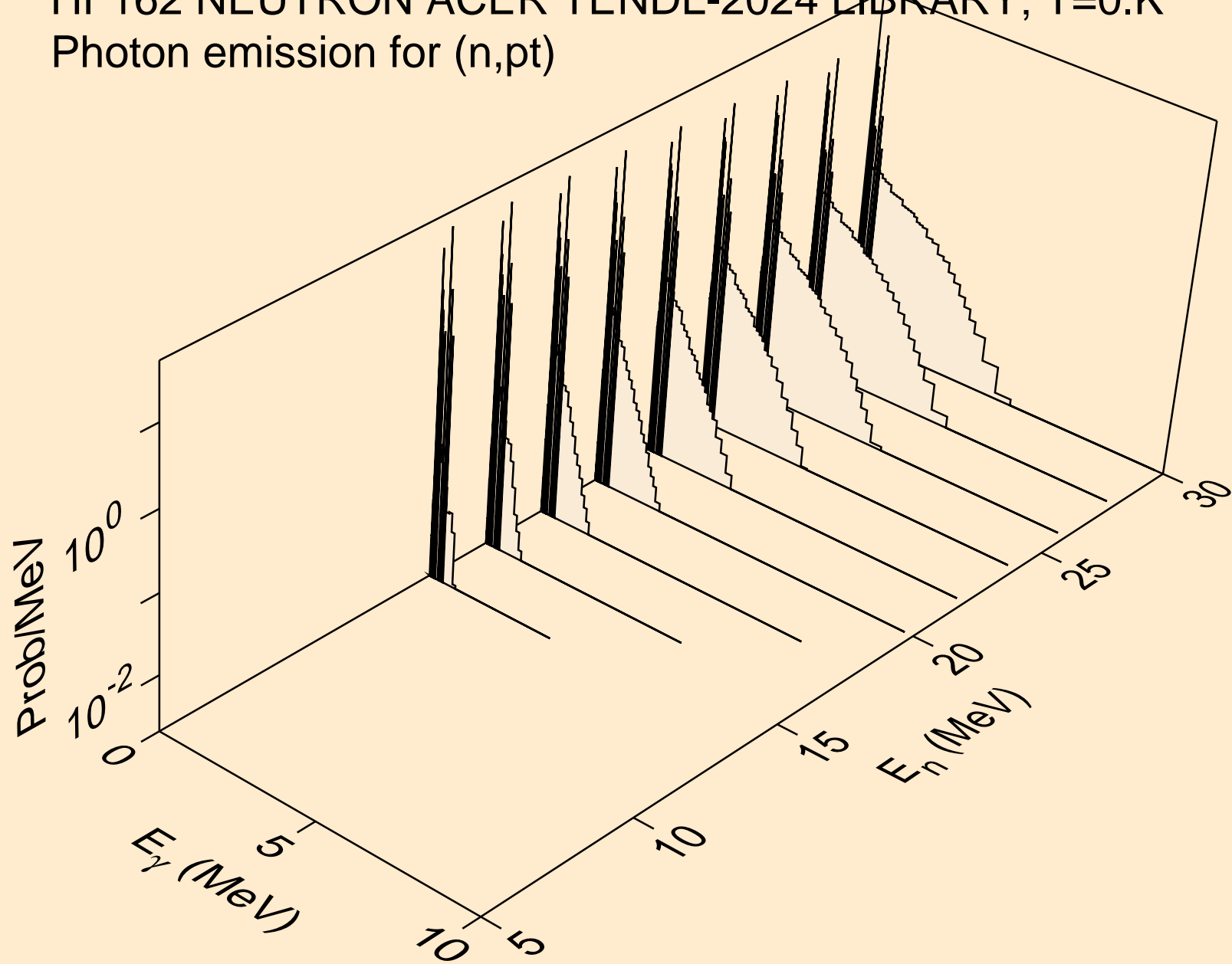
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



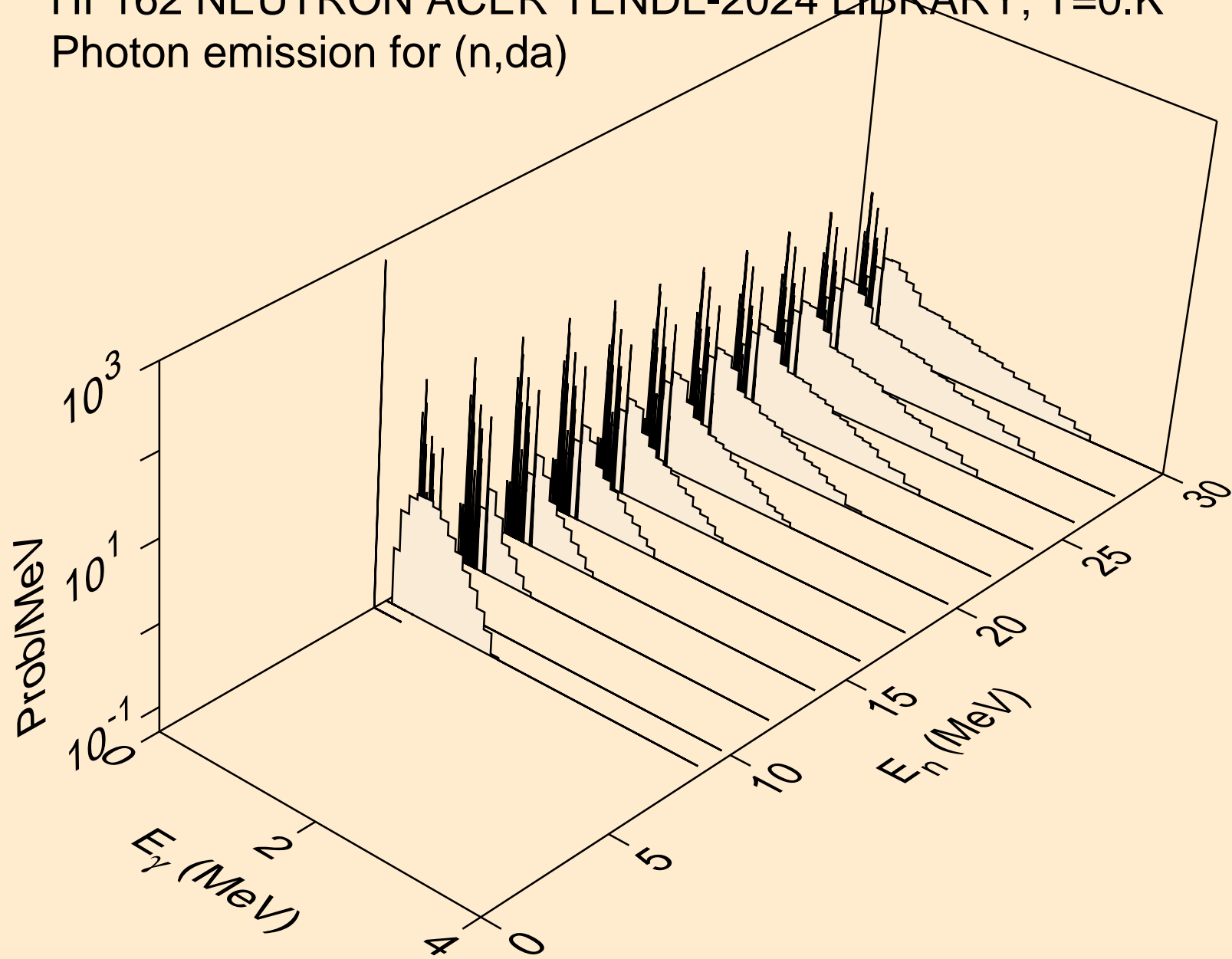
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



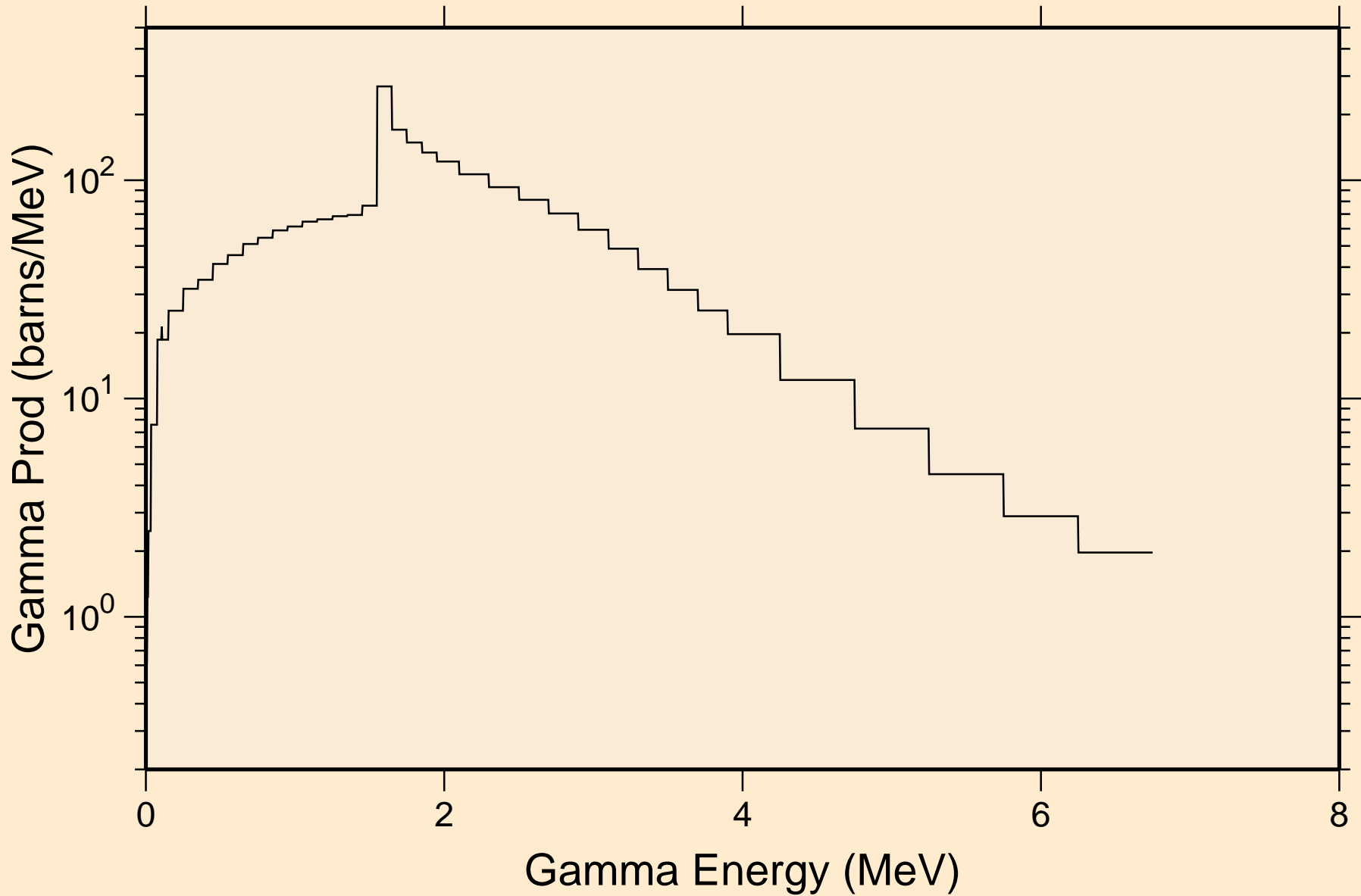
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



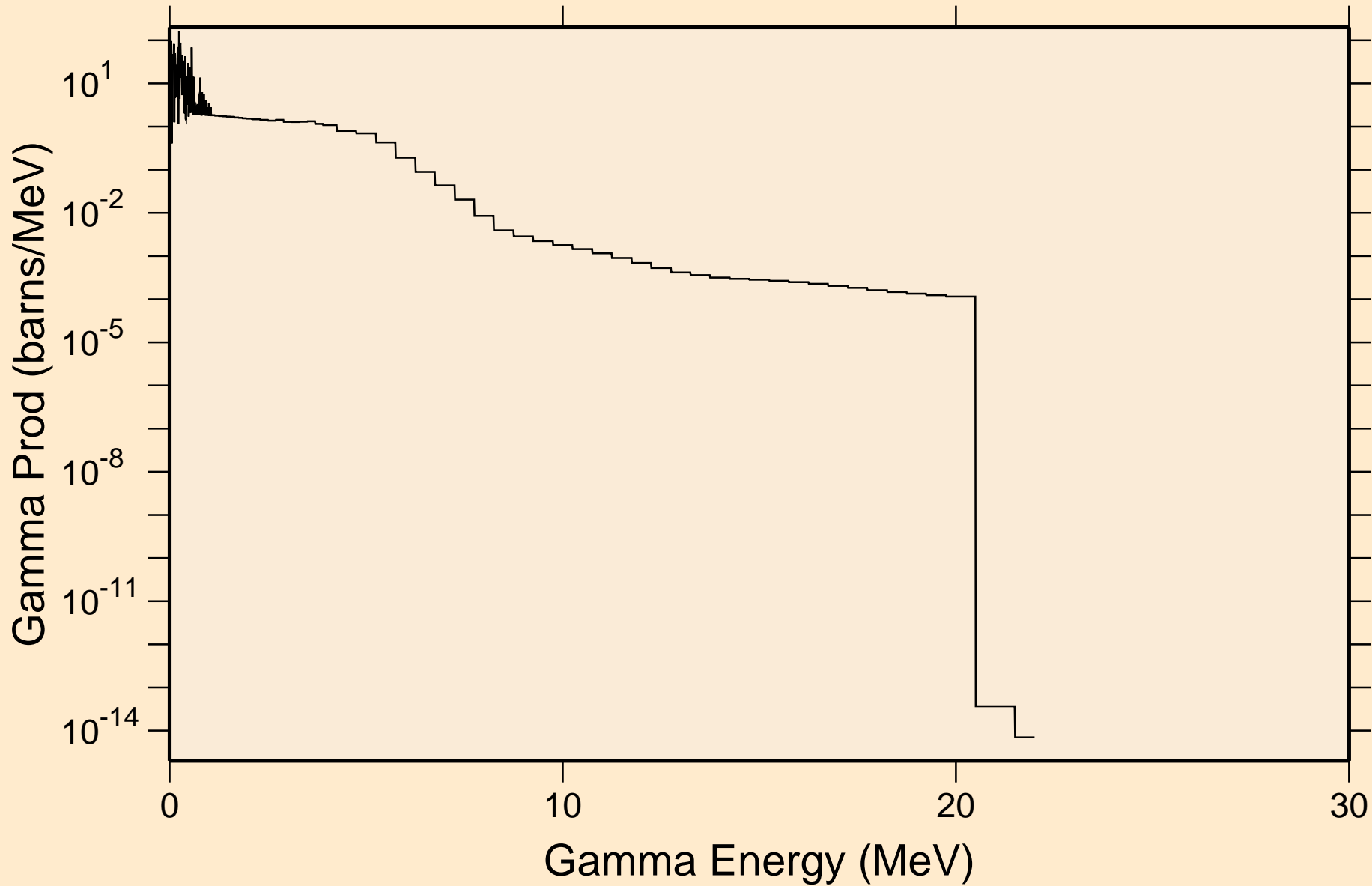
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

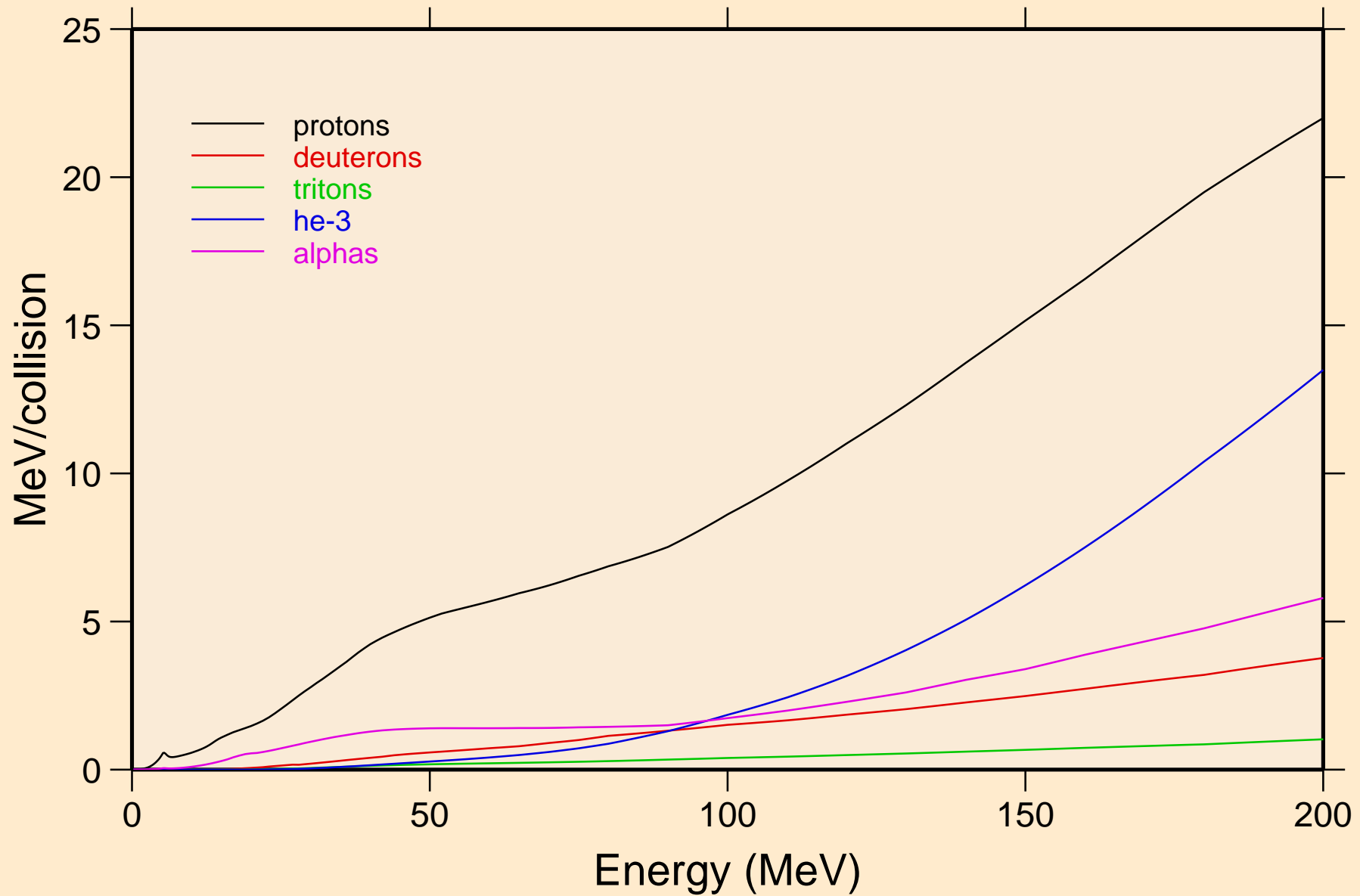


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

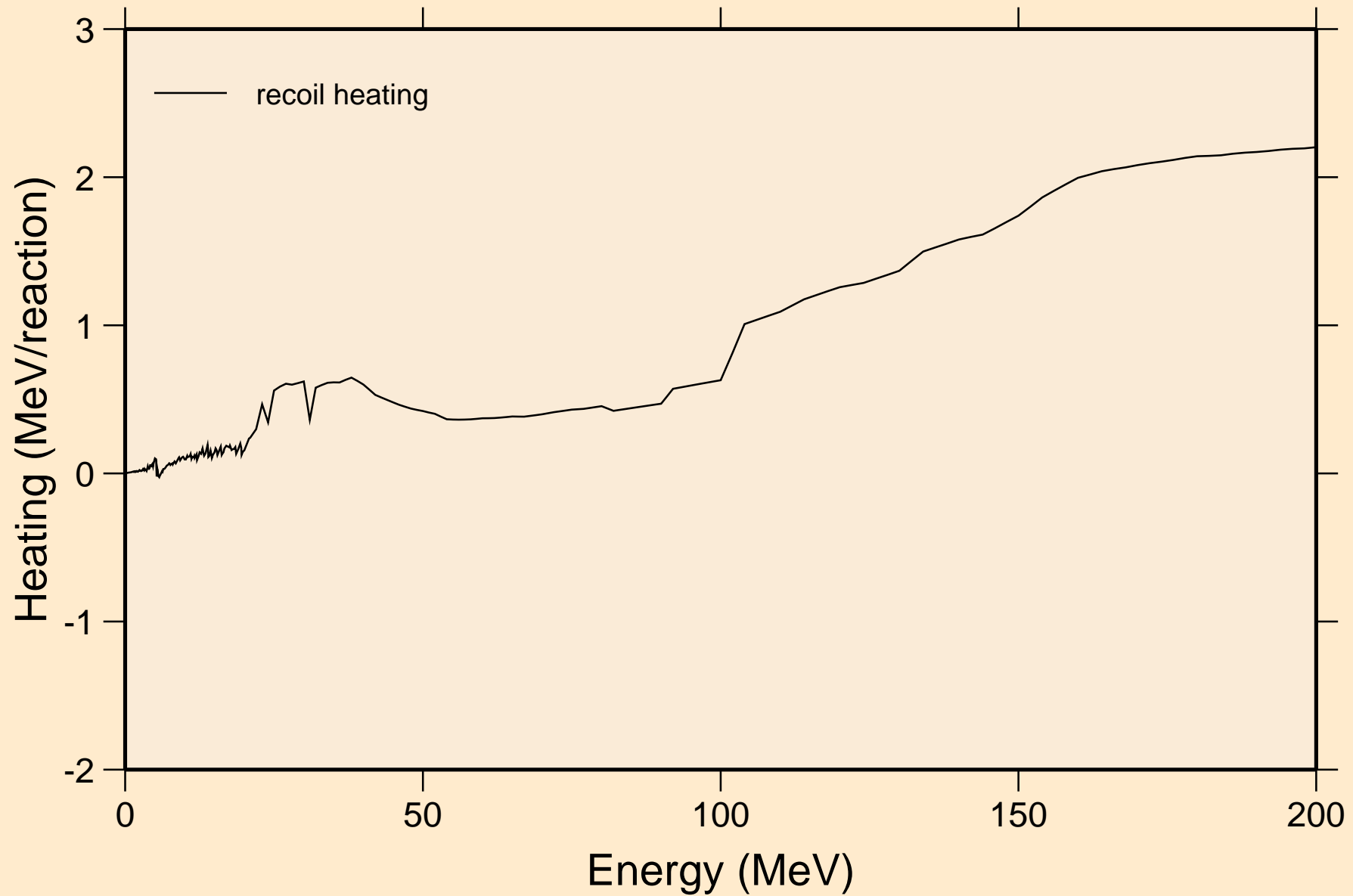


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



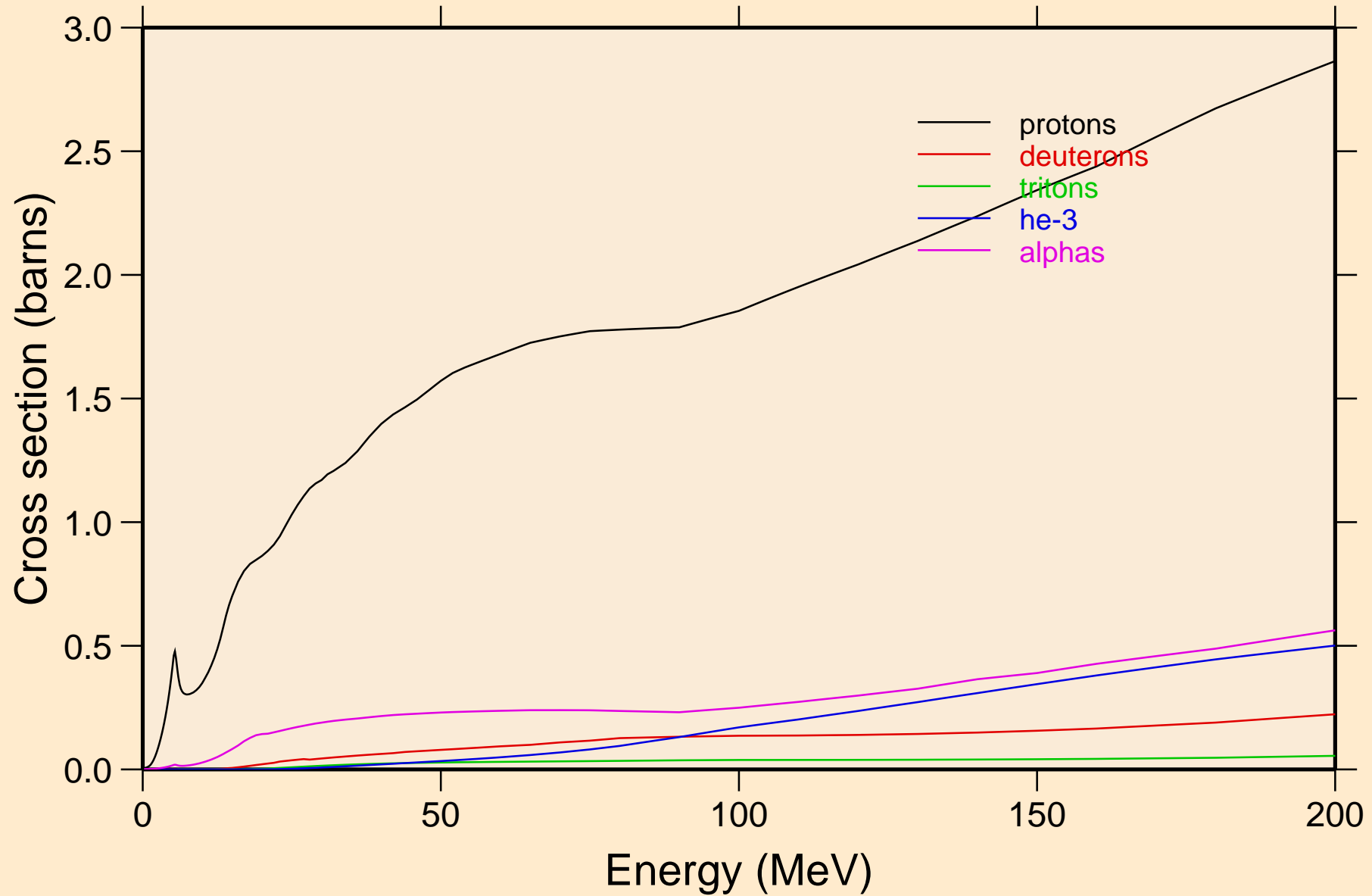
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



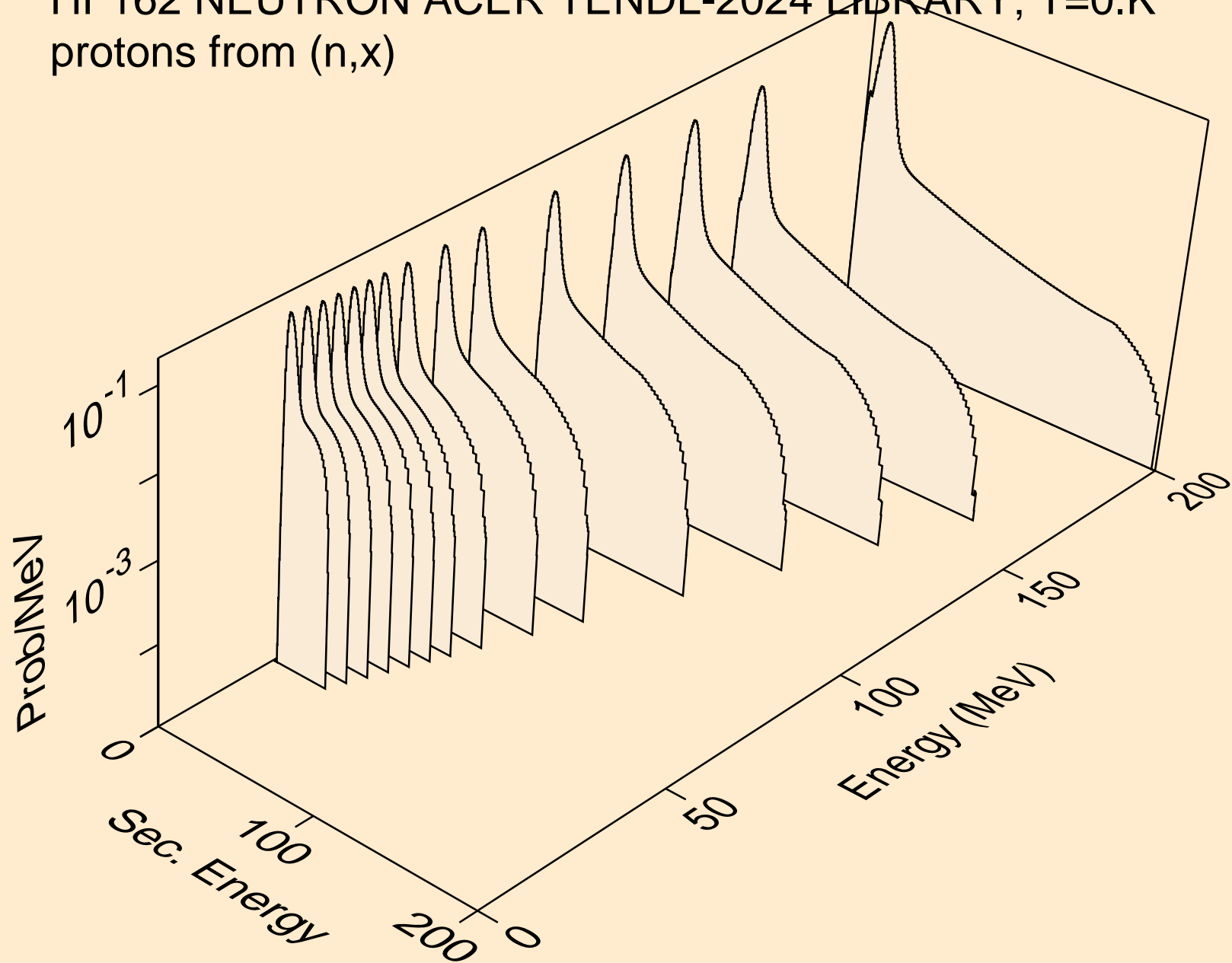


# HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

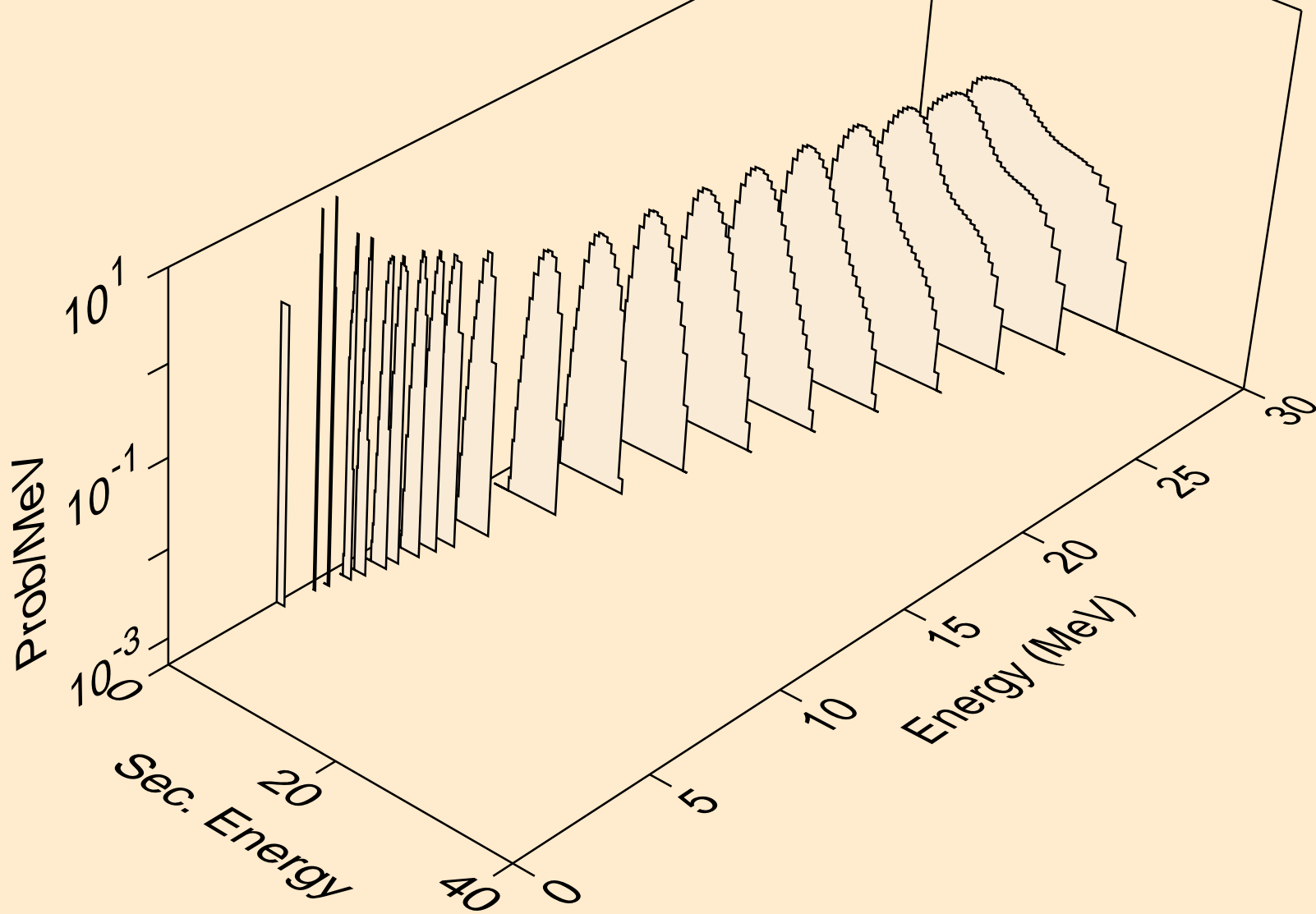
## Particle production cross sections



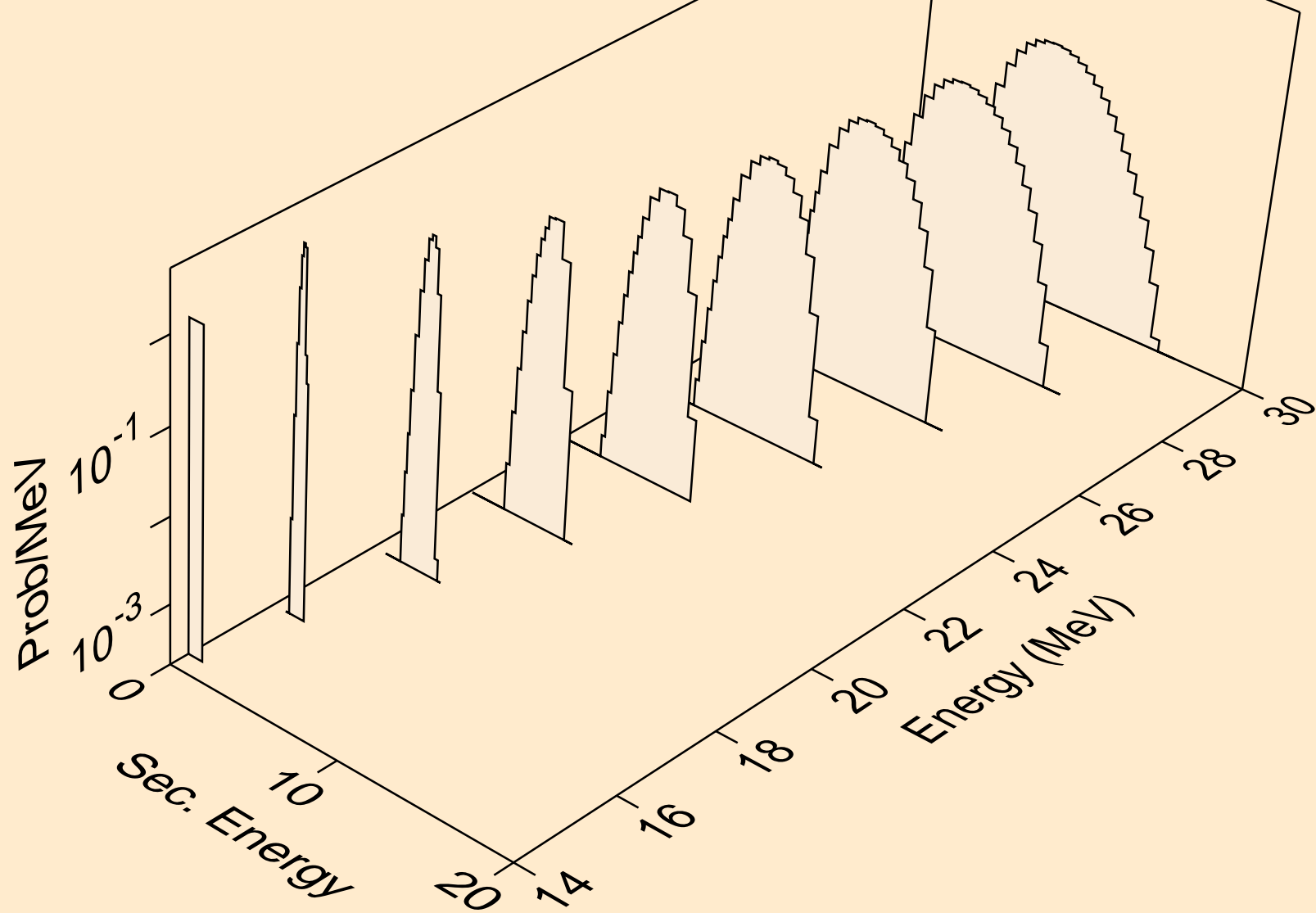
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



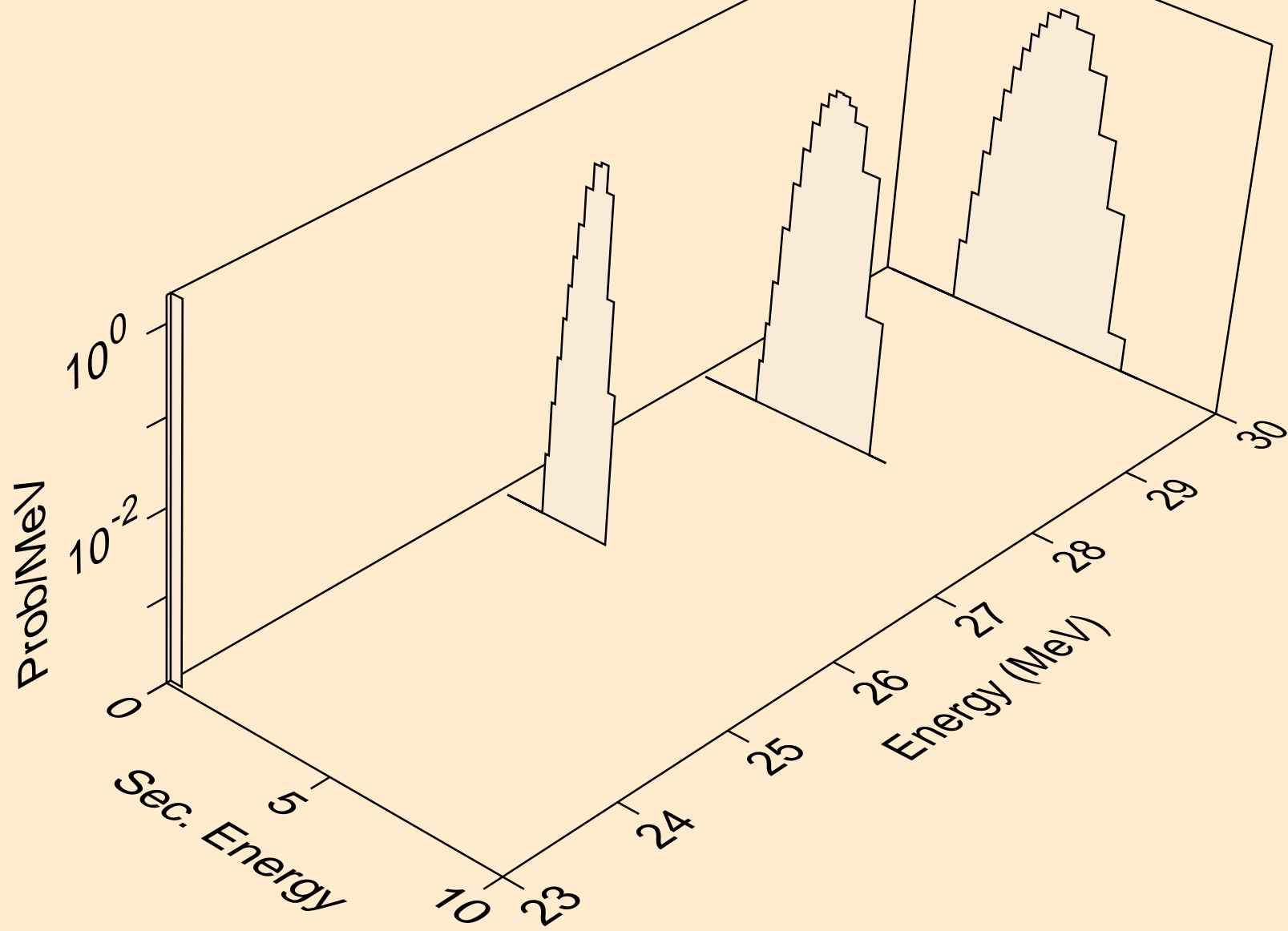
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



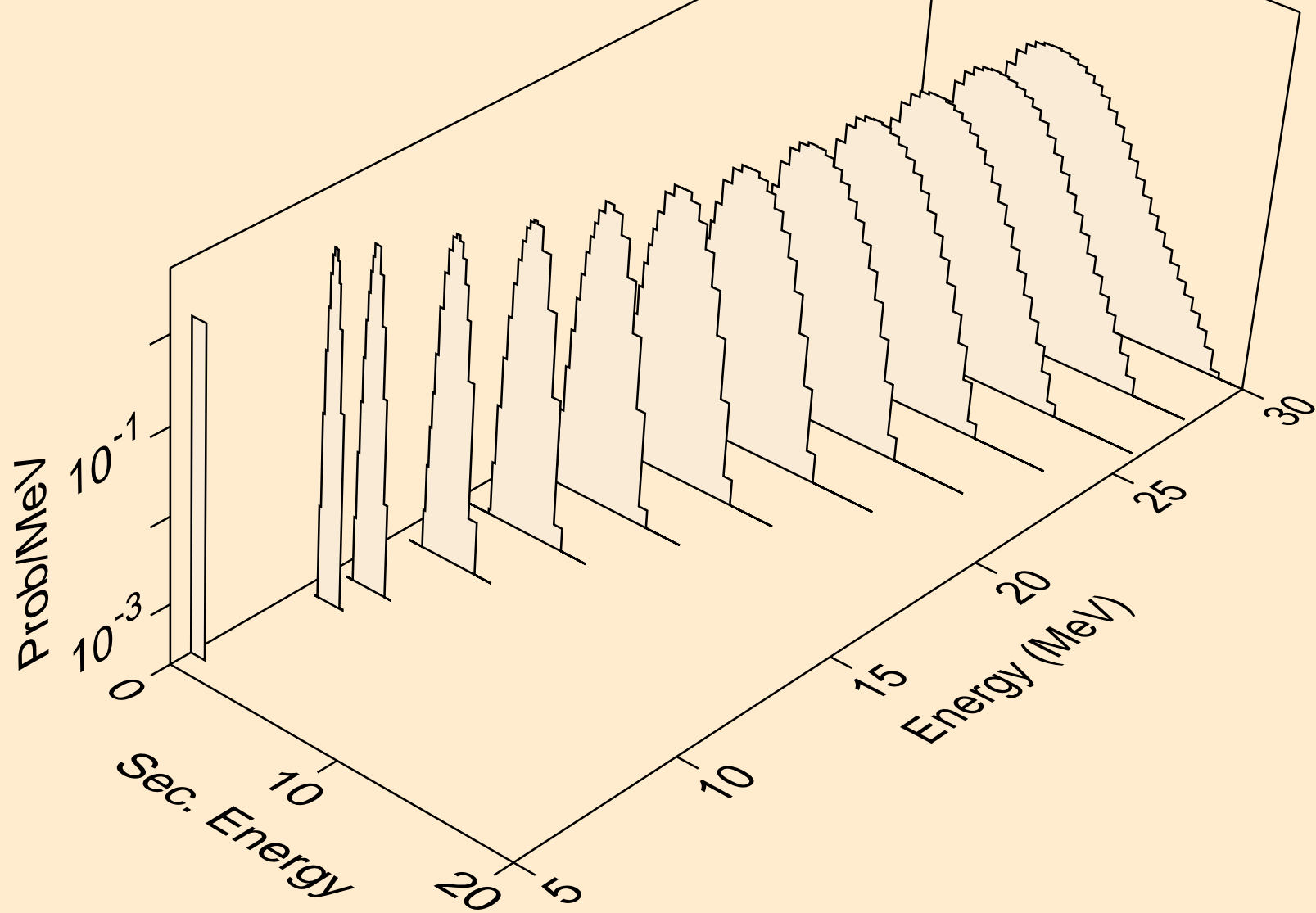
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



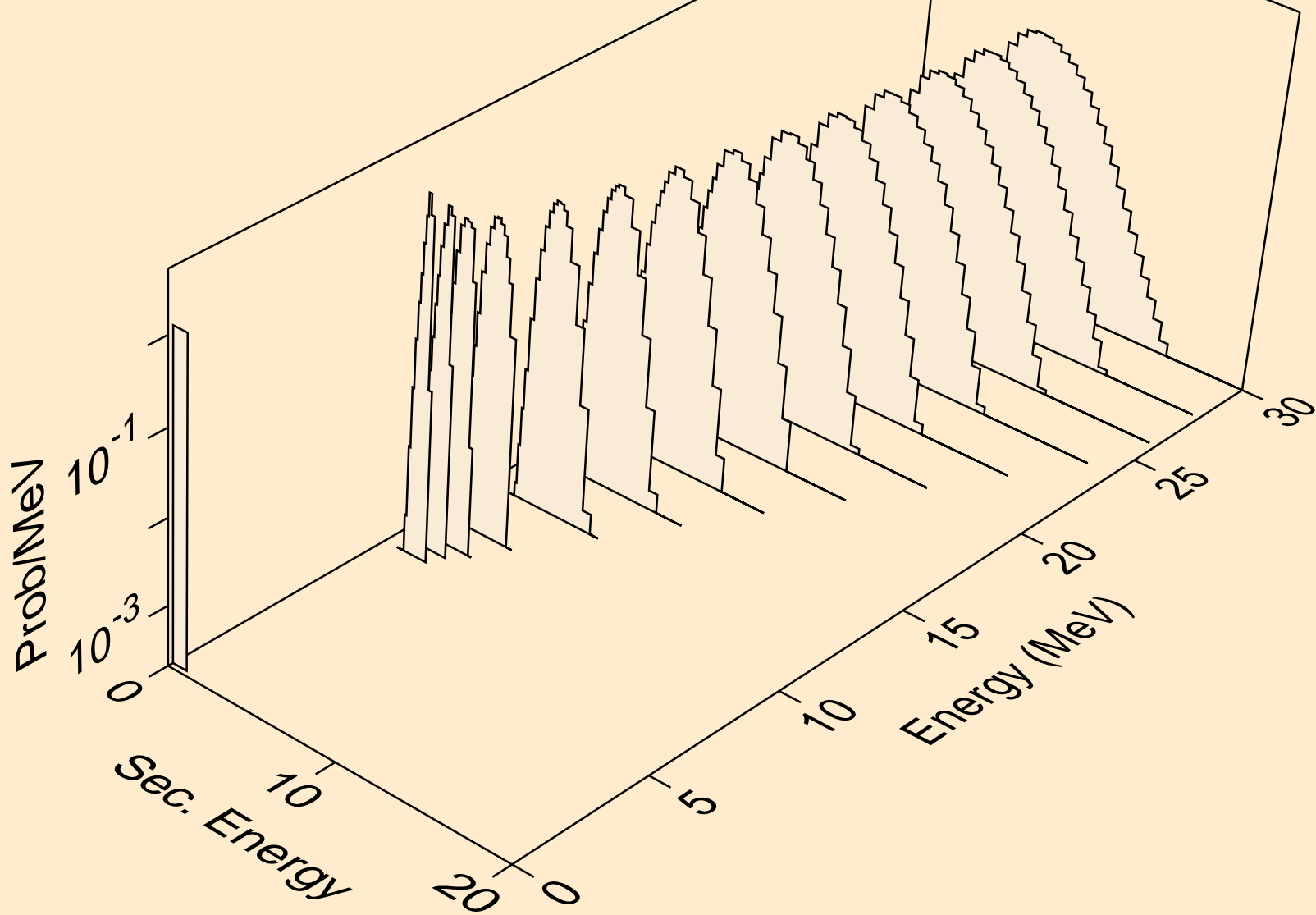
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



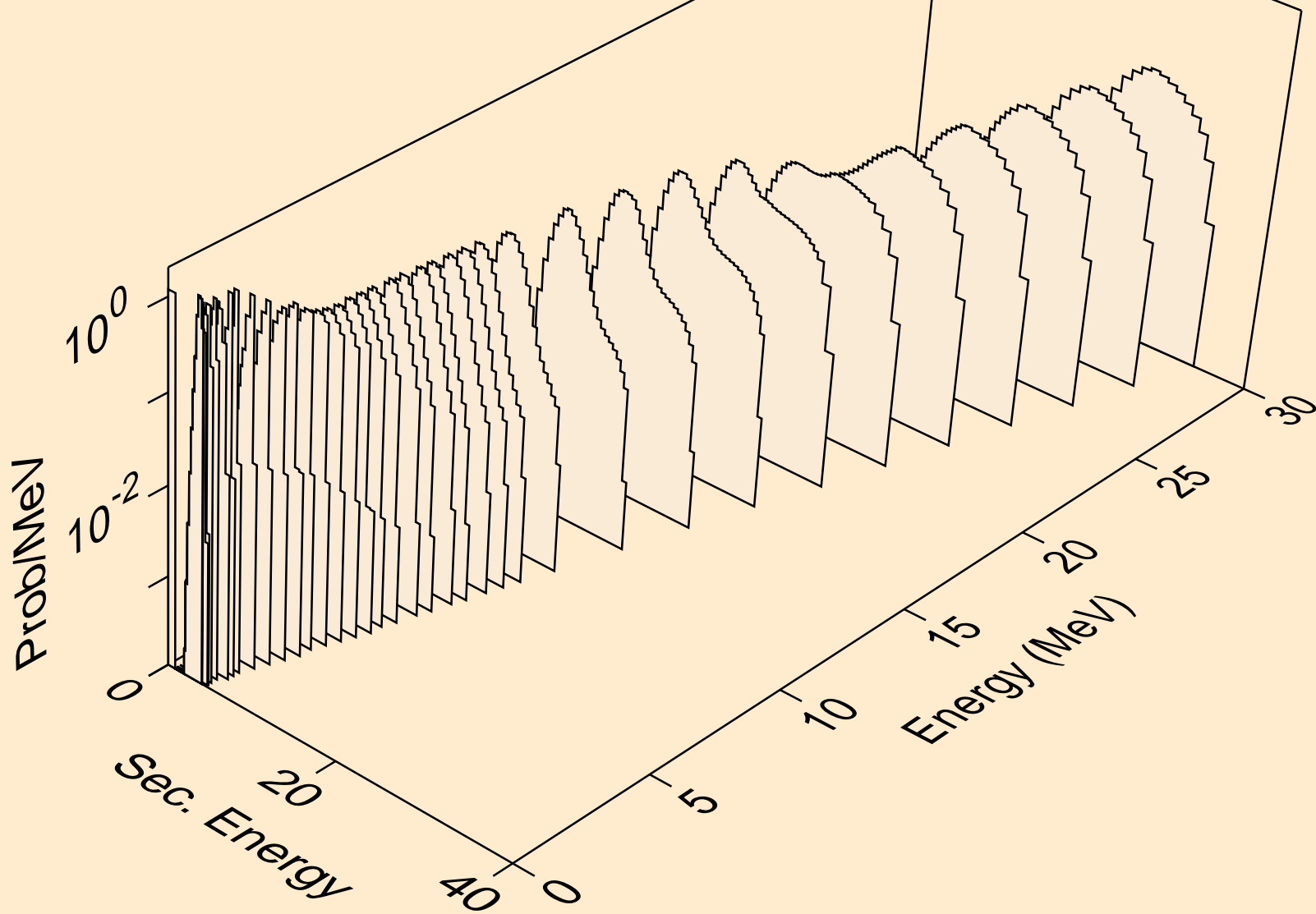
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

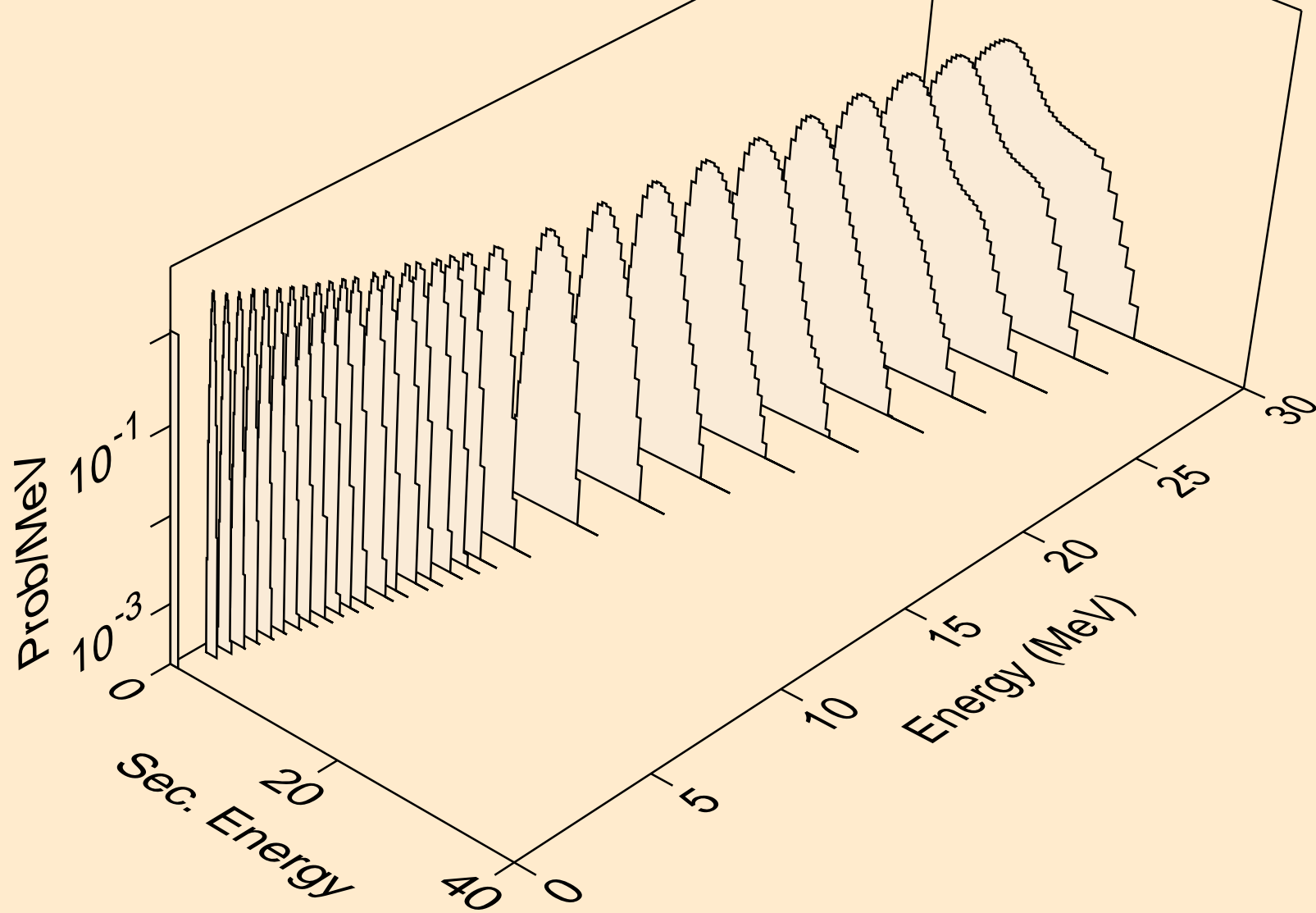


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

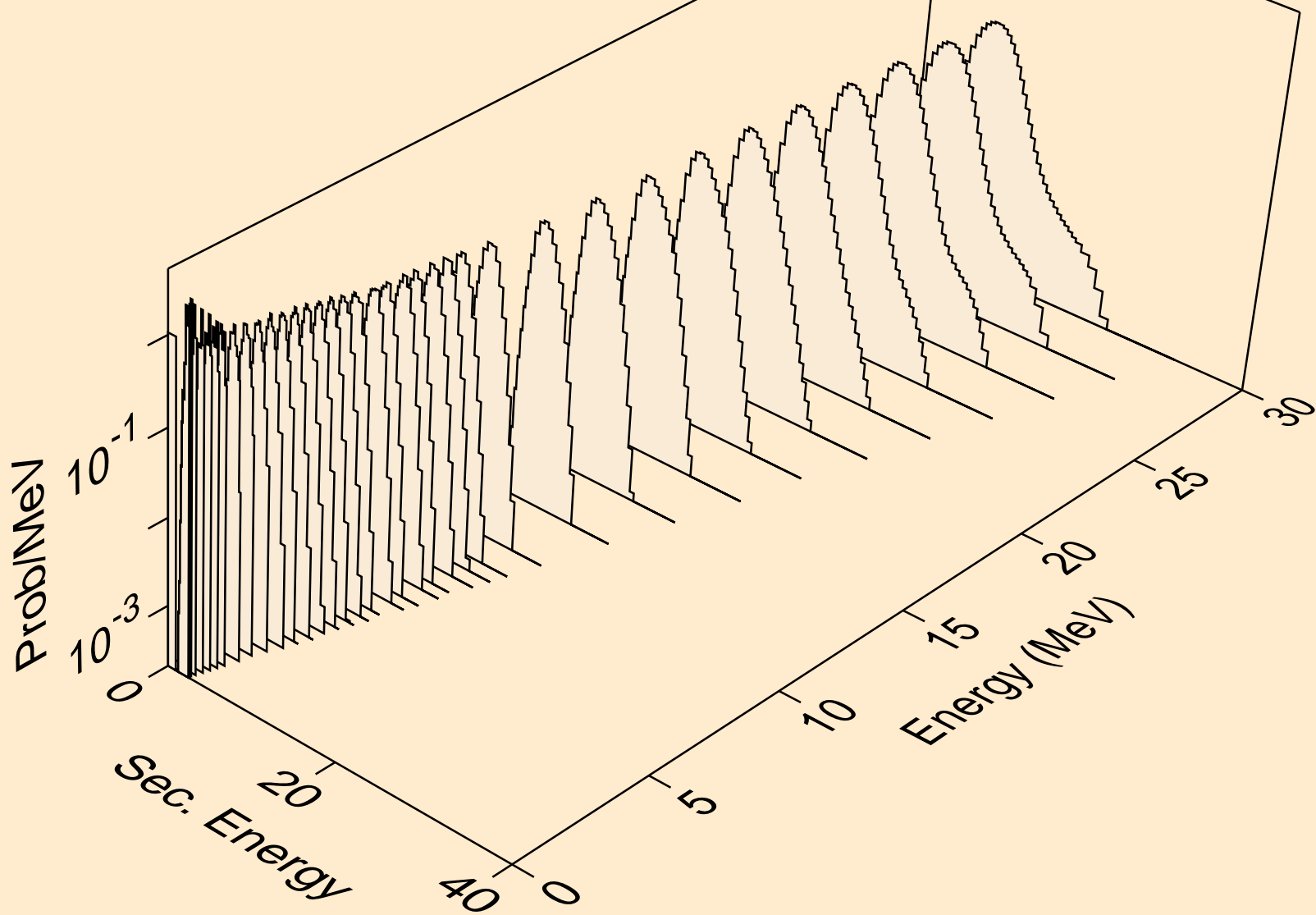




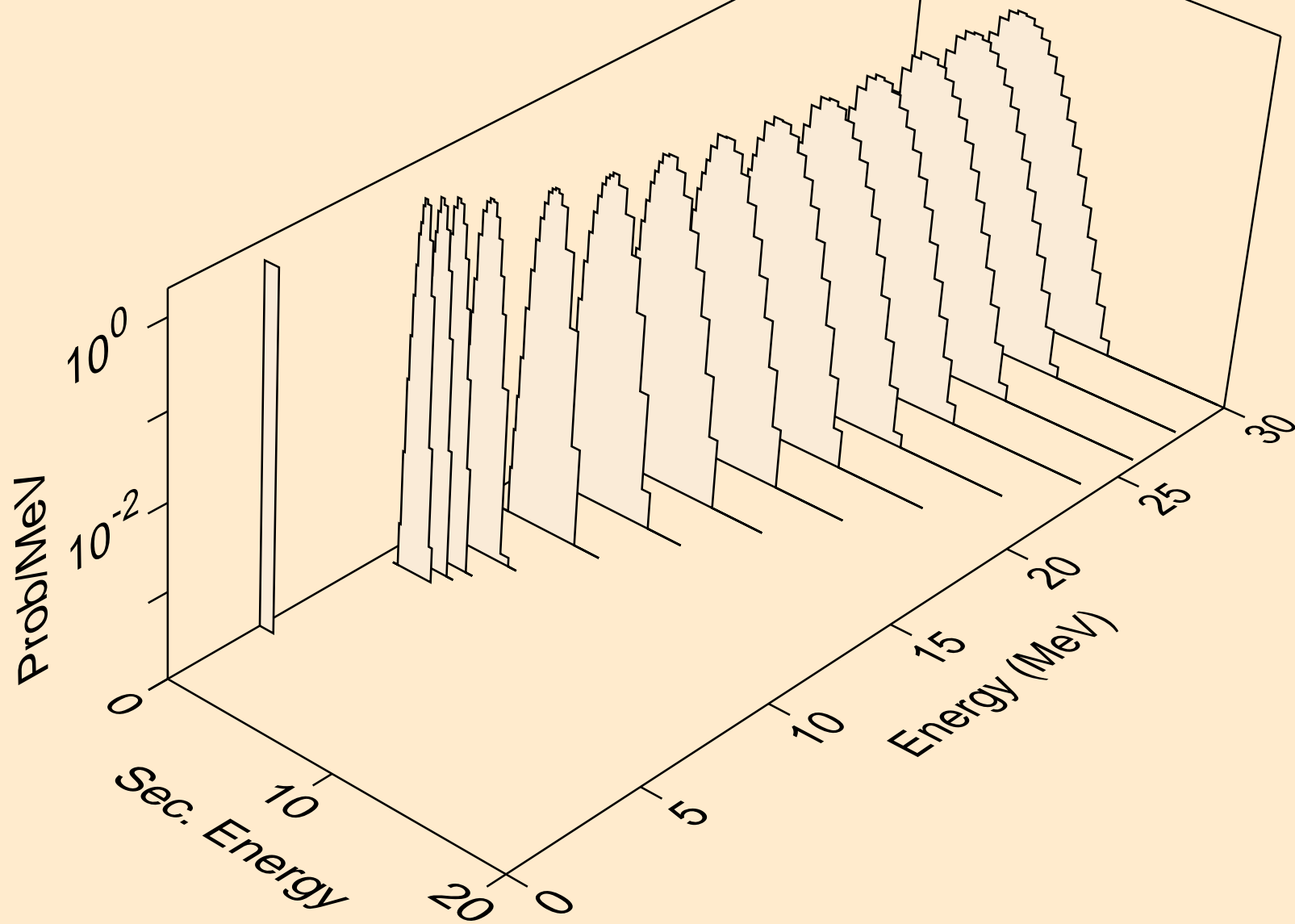
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protons from (n,2p)



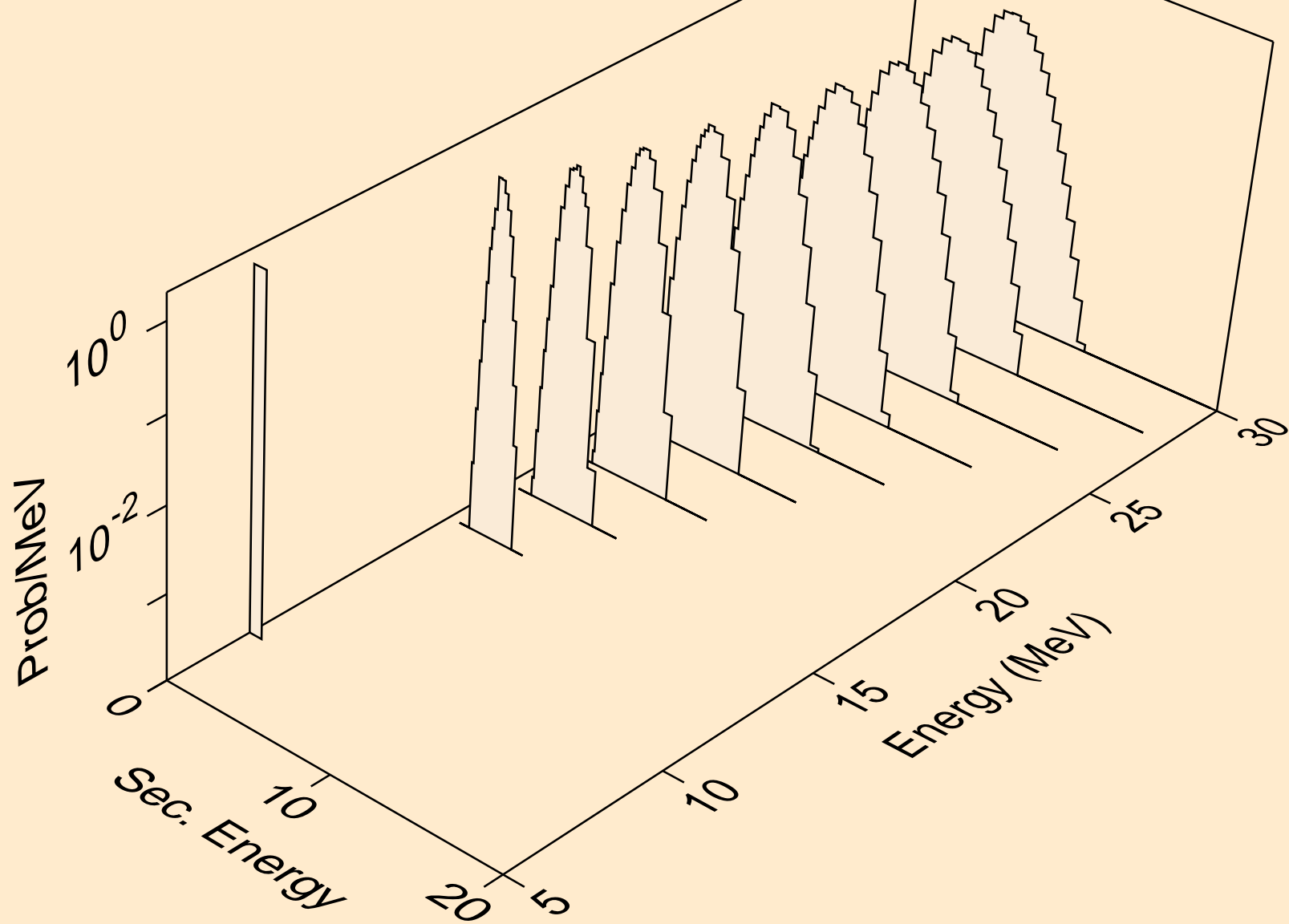
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protons from (n,p)



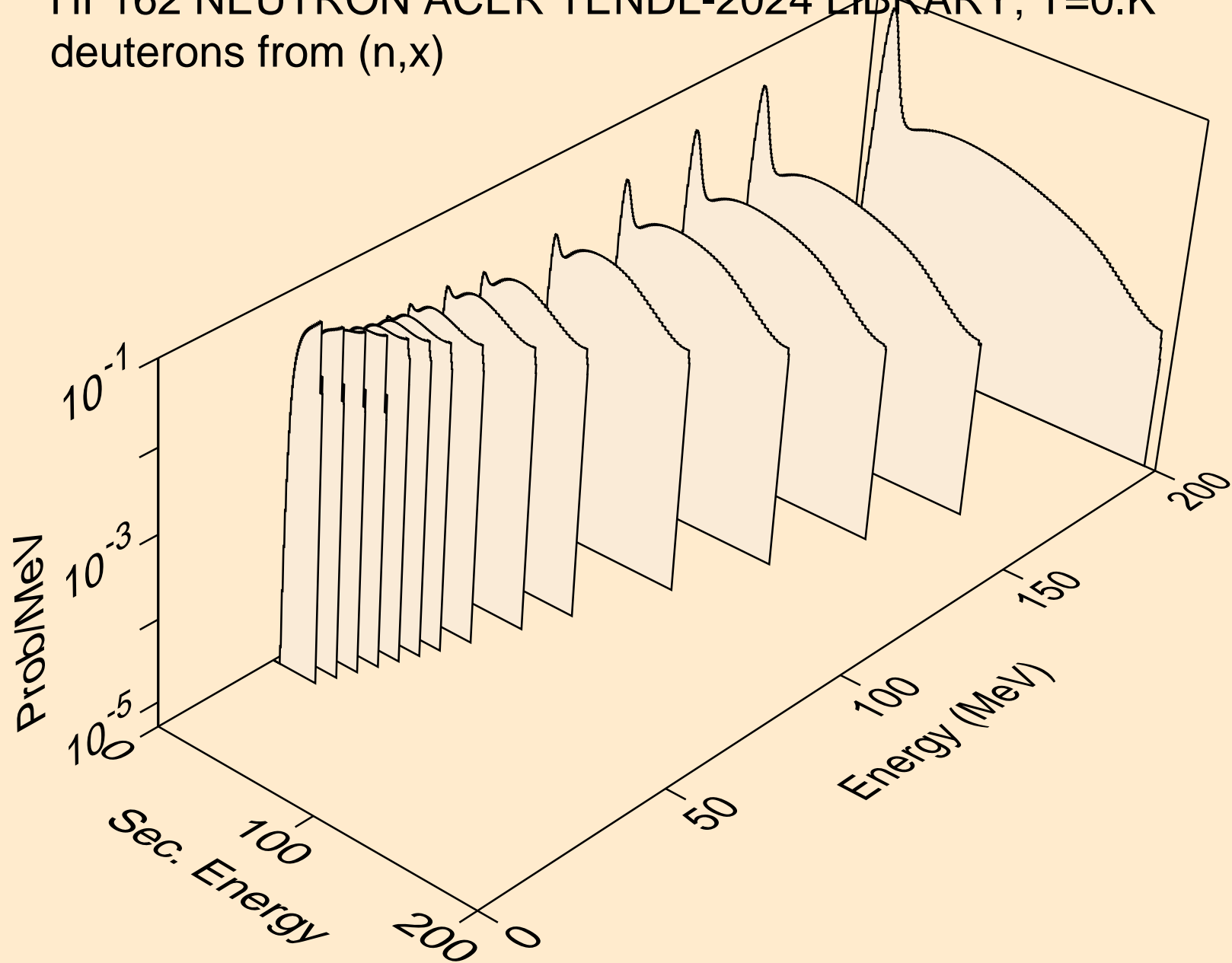
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



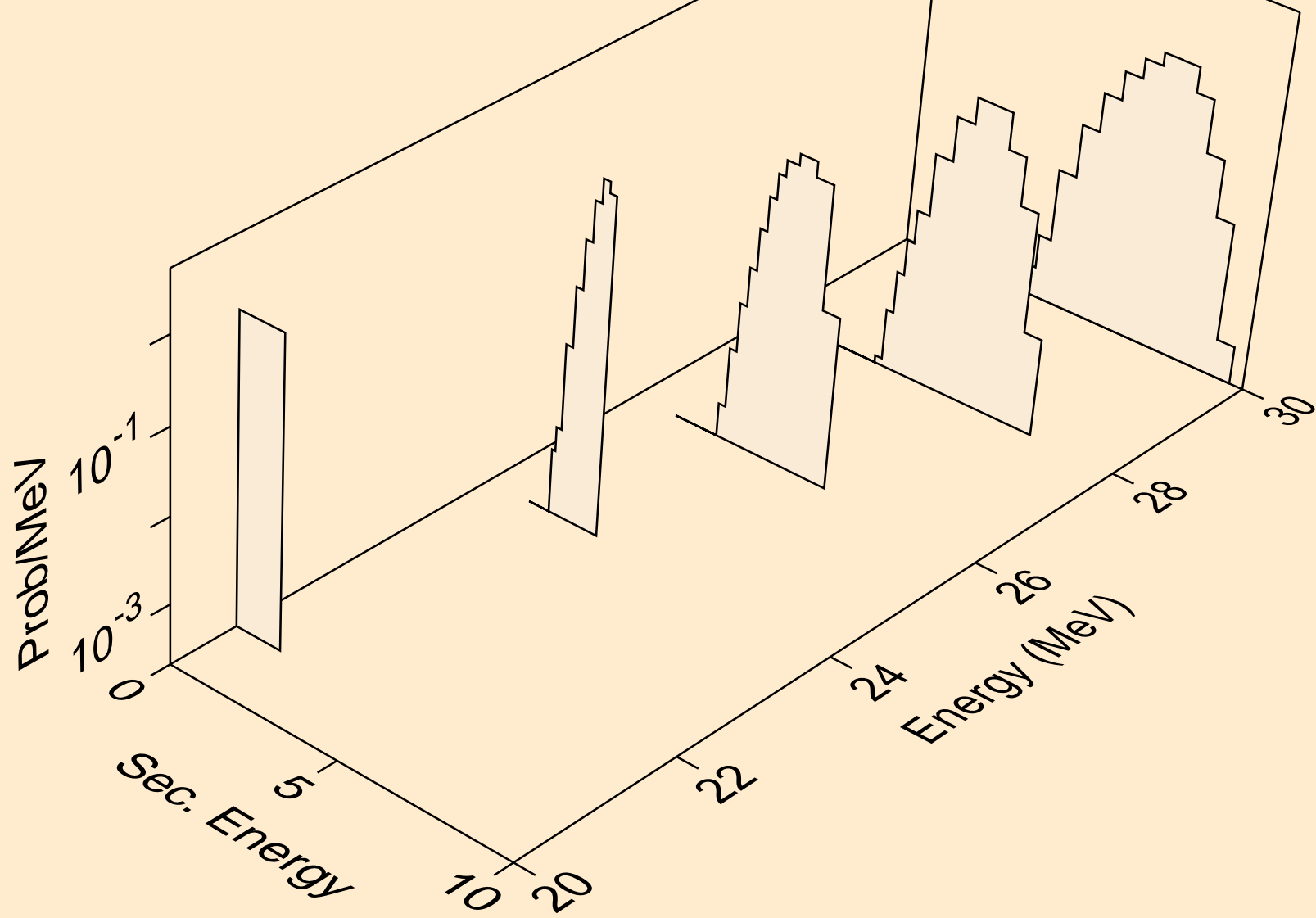
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protons from (n,pt)



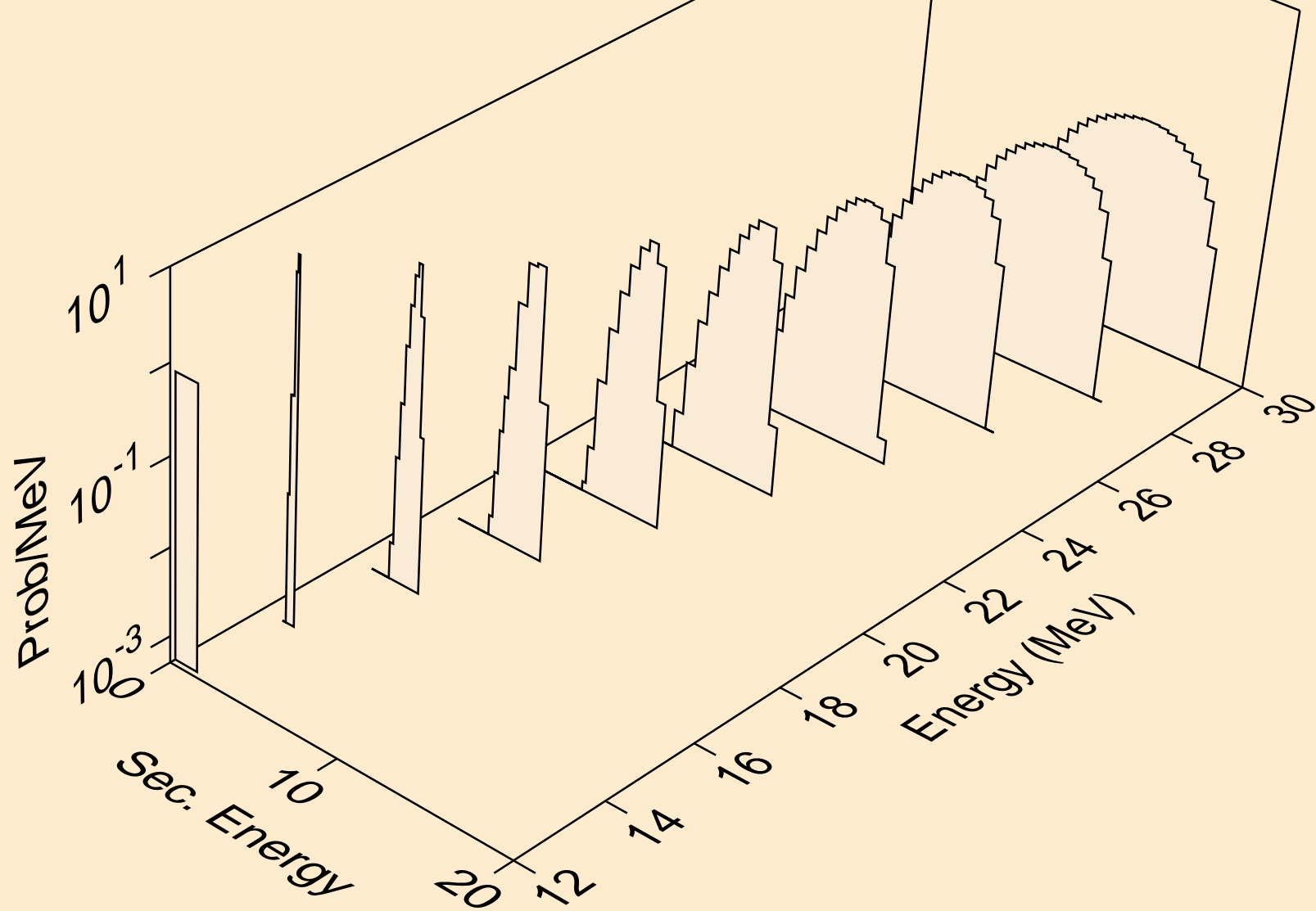
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



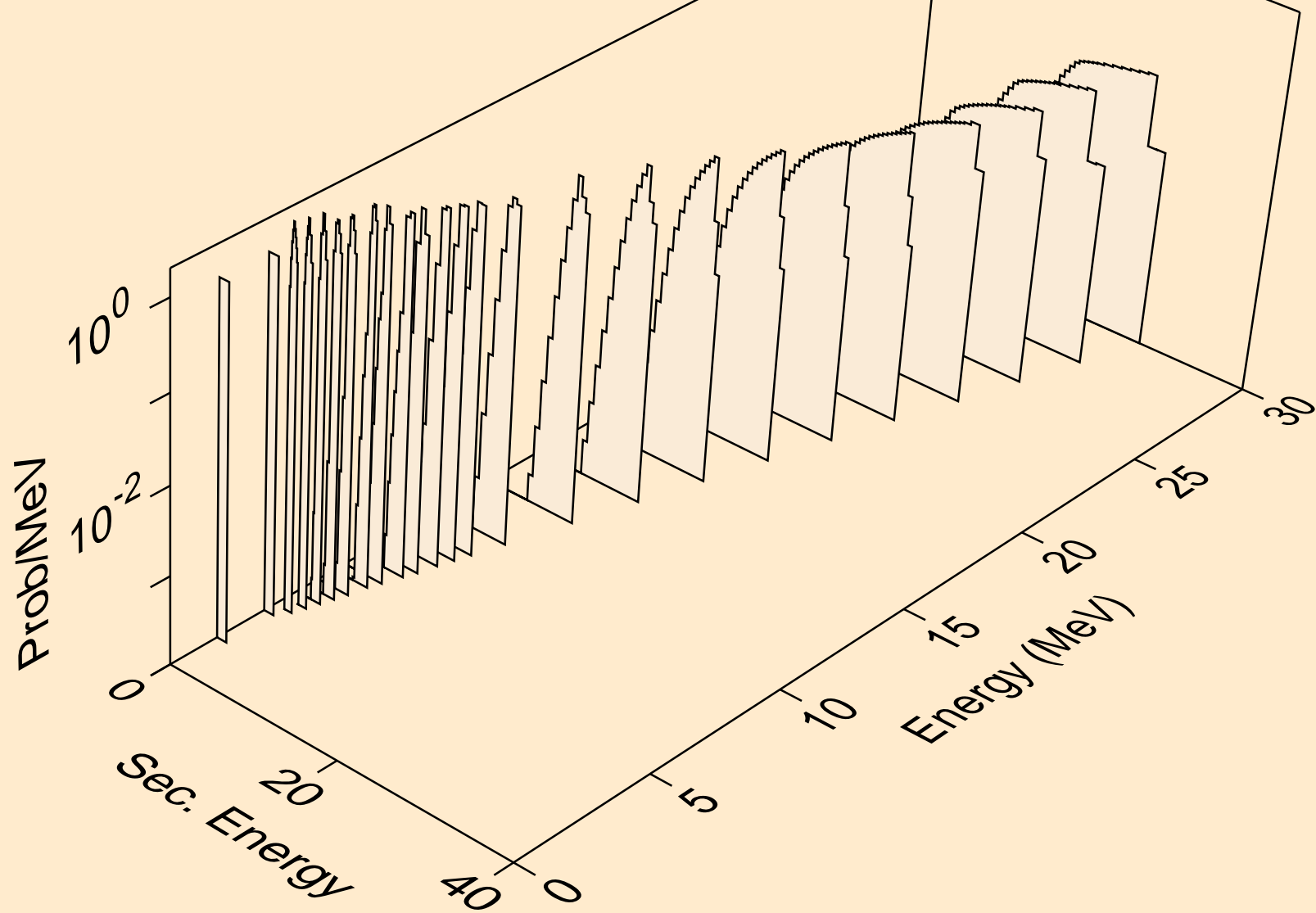
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

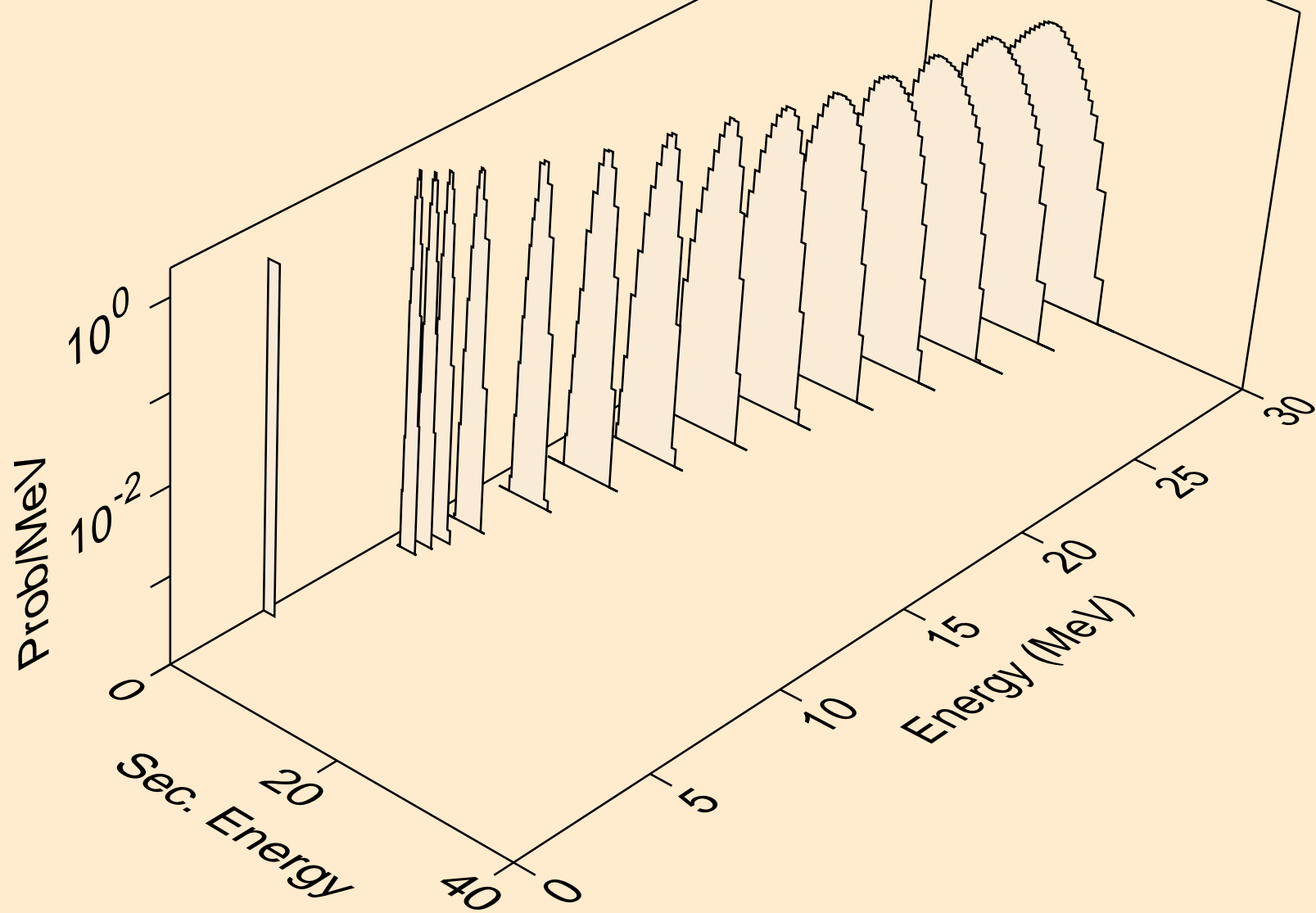


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

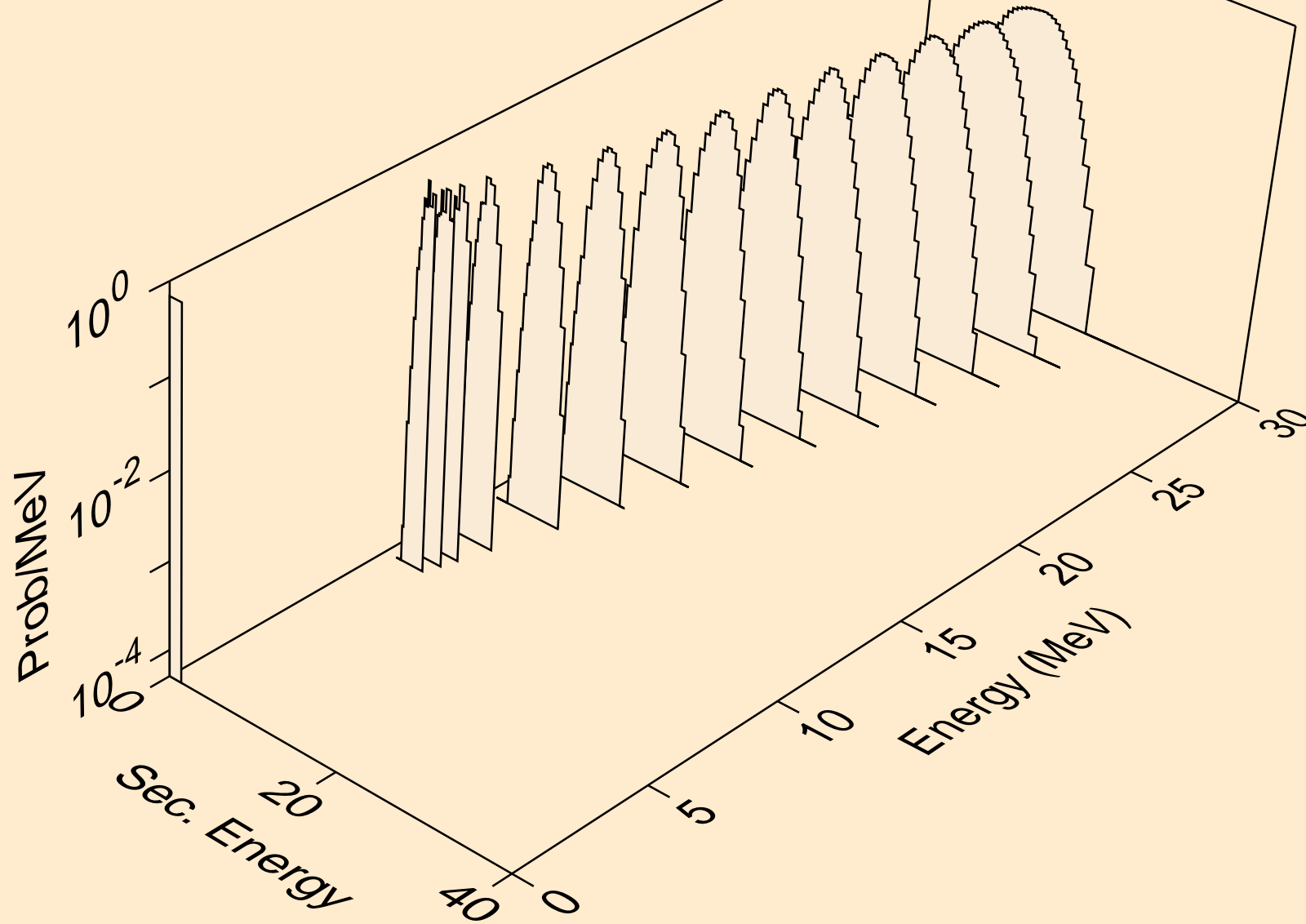




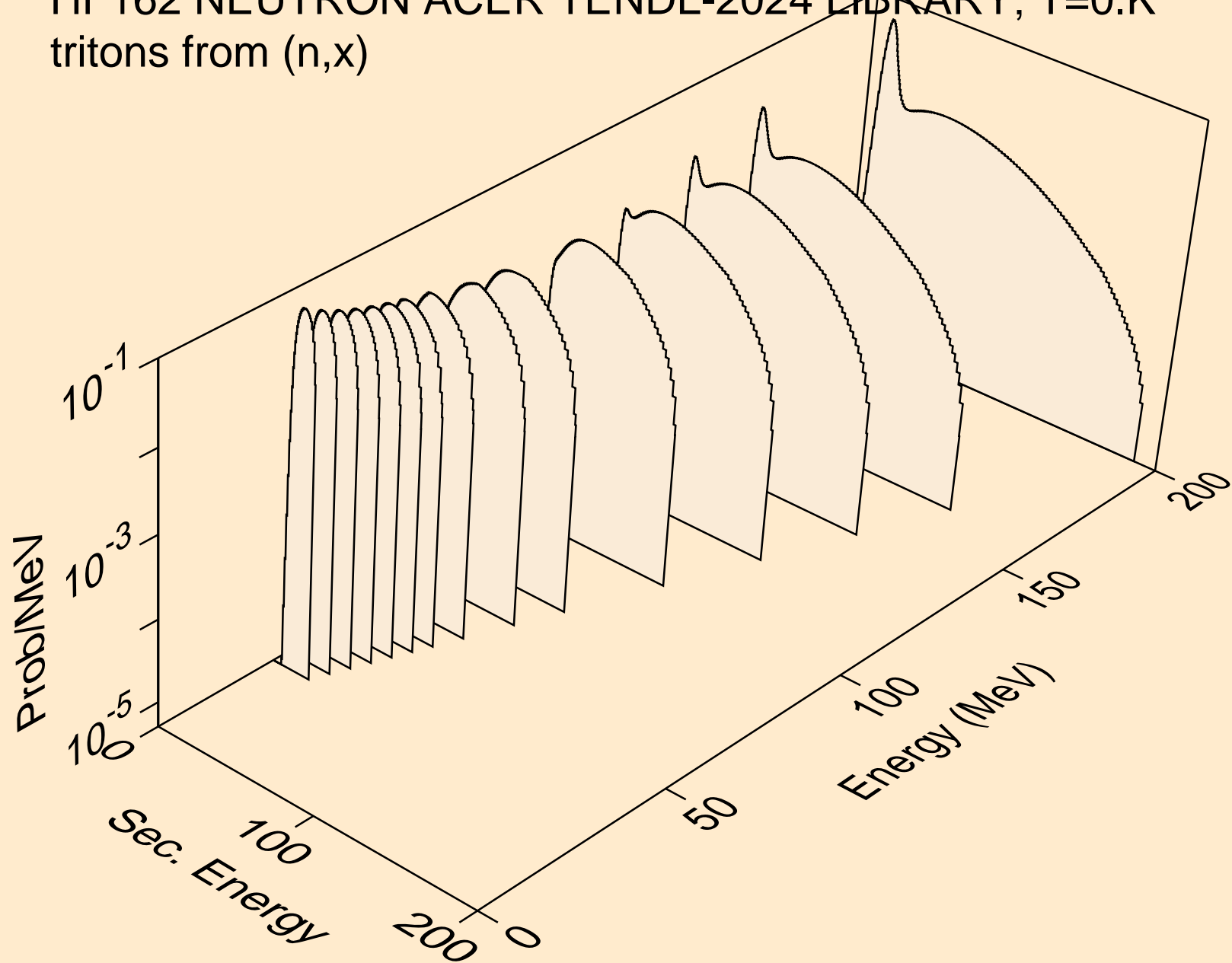
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



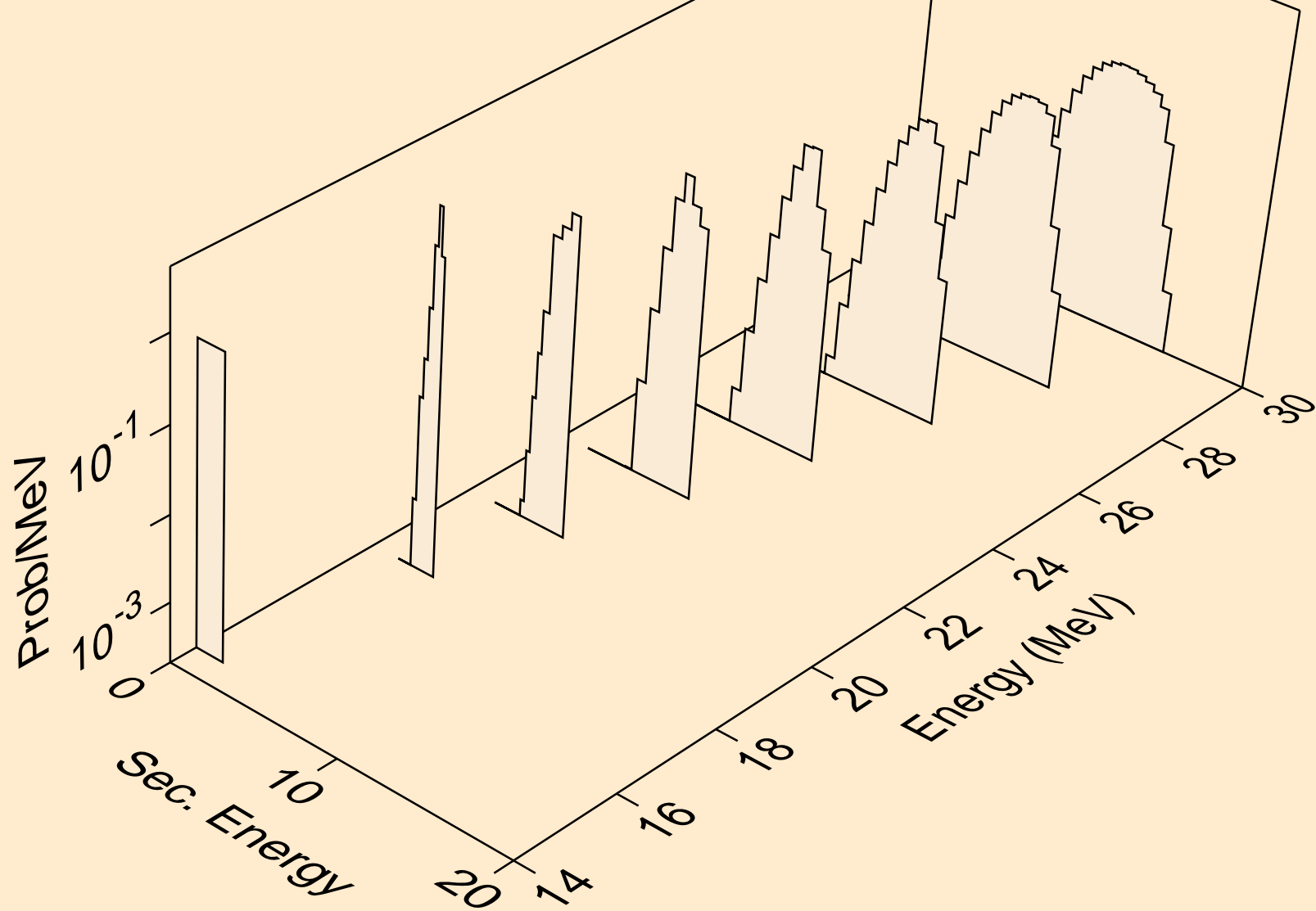
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



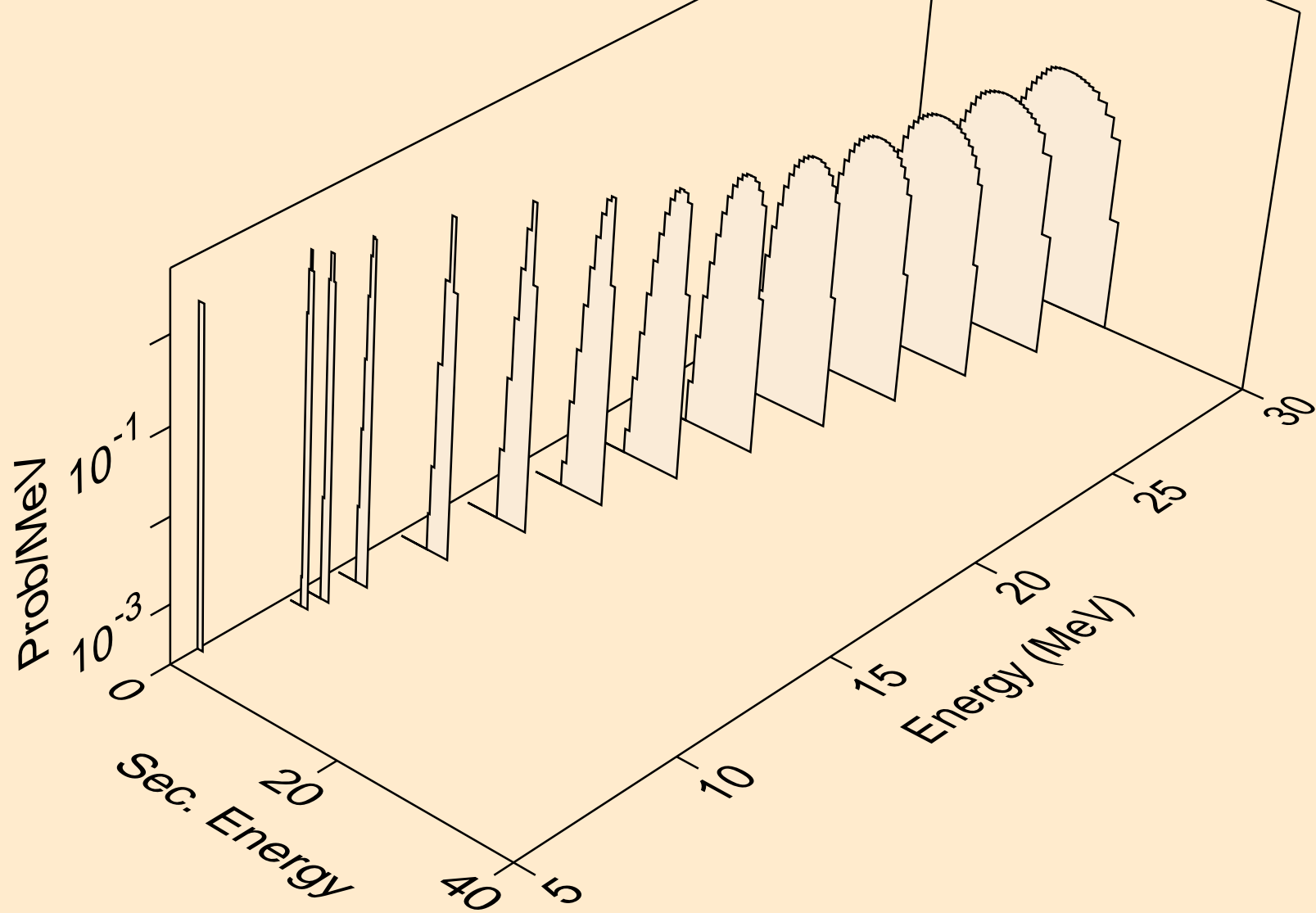
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tritons from (n,x)



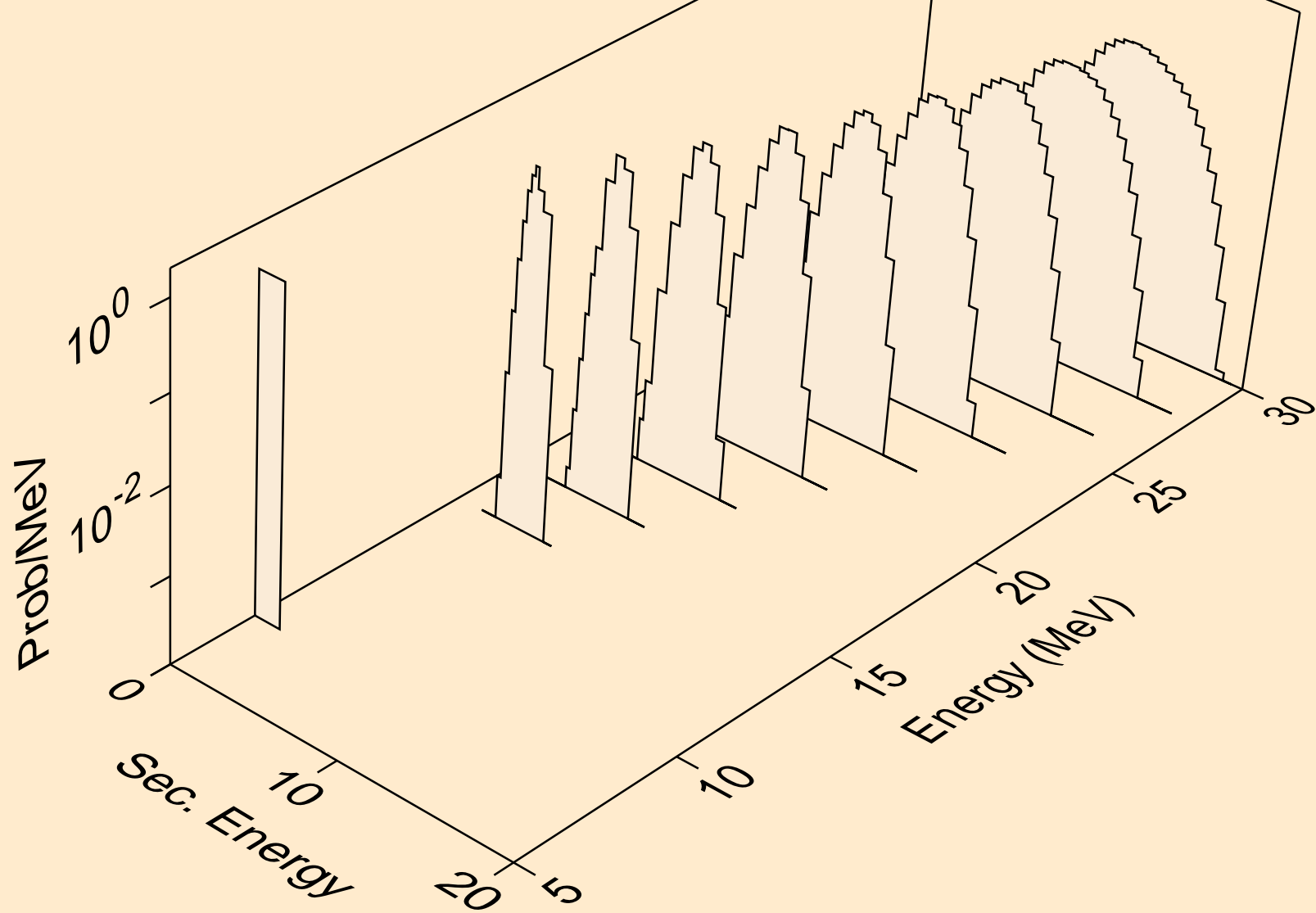
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



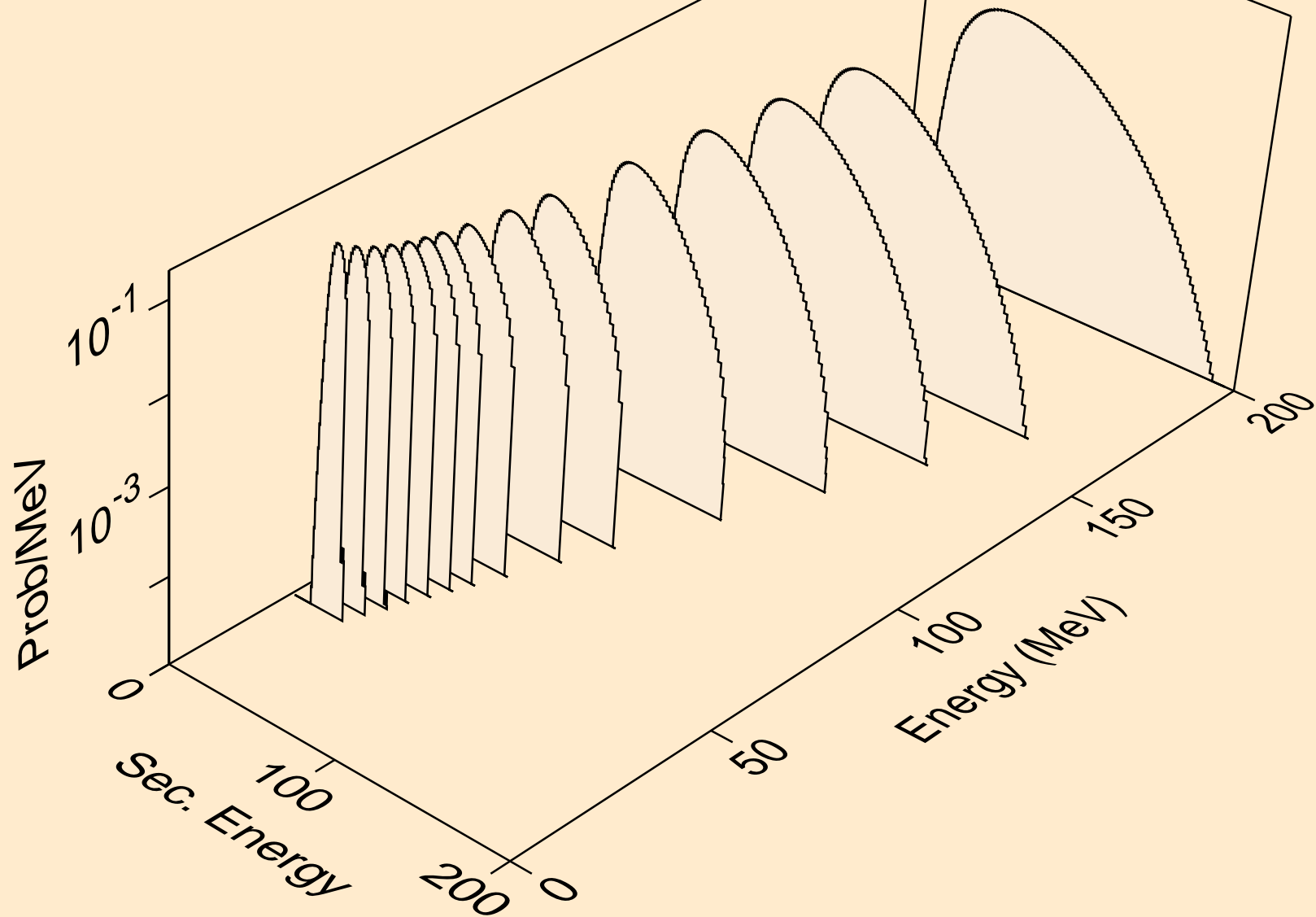
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tritons from (n,t)



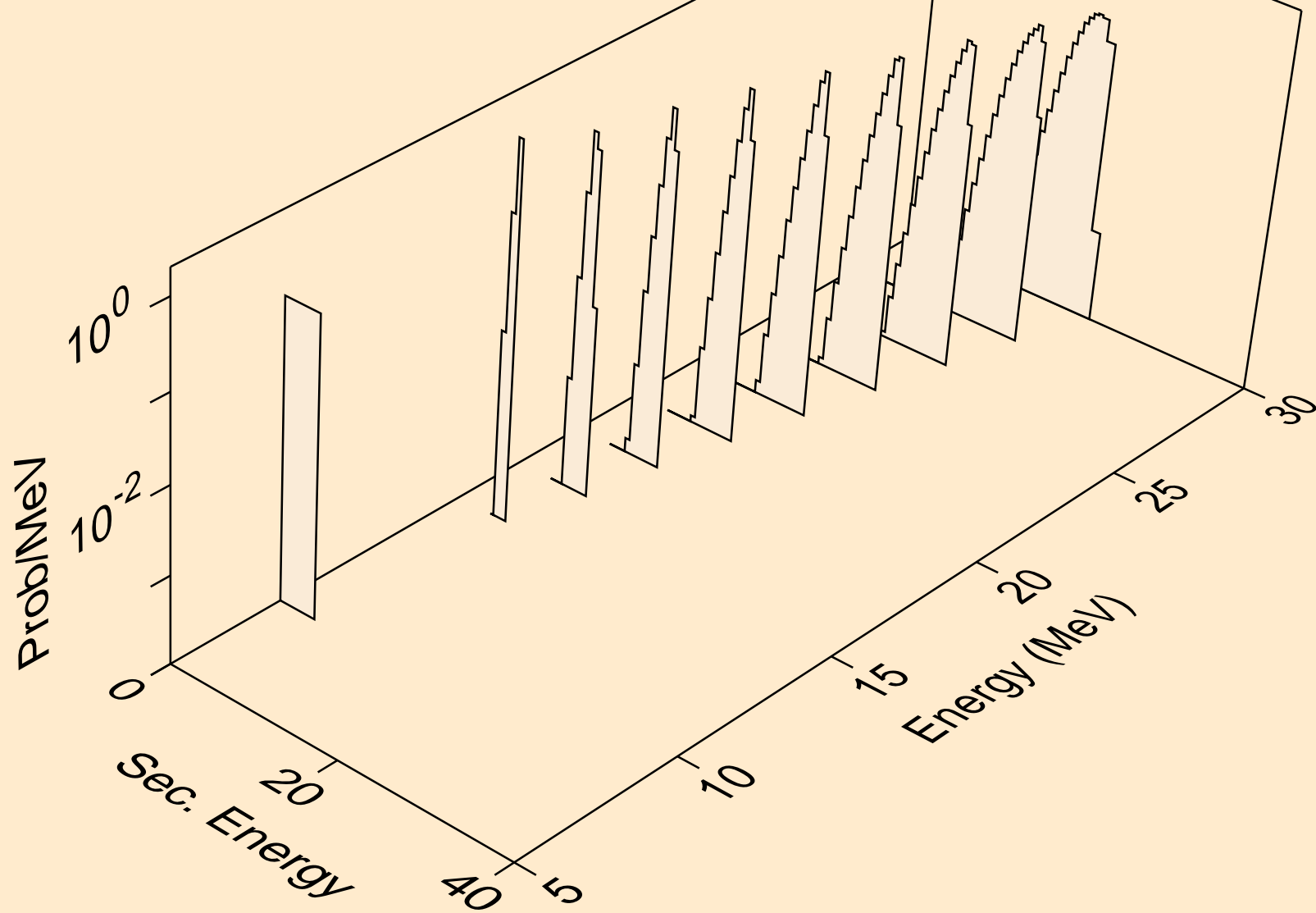
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

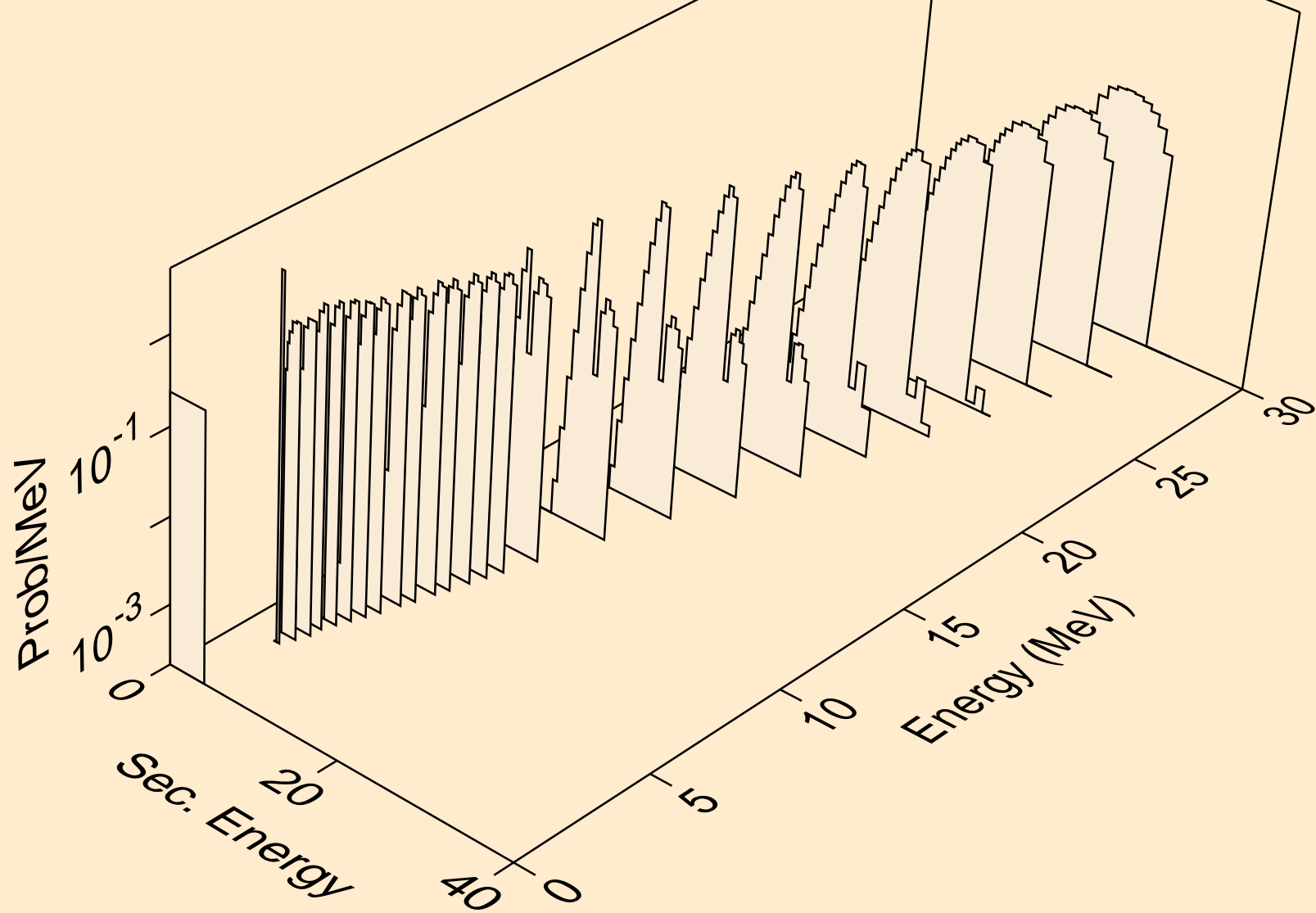


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

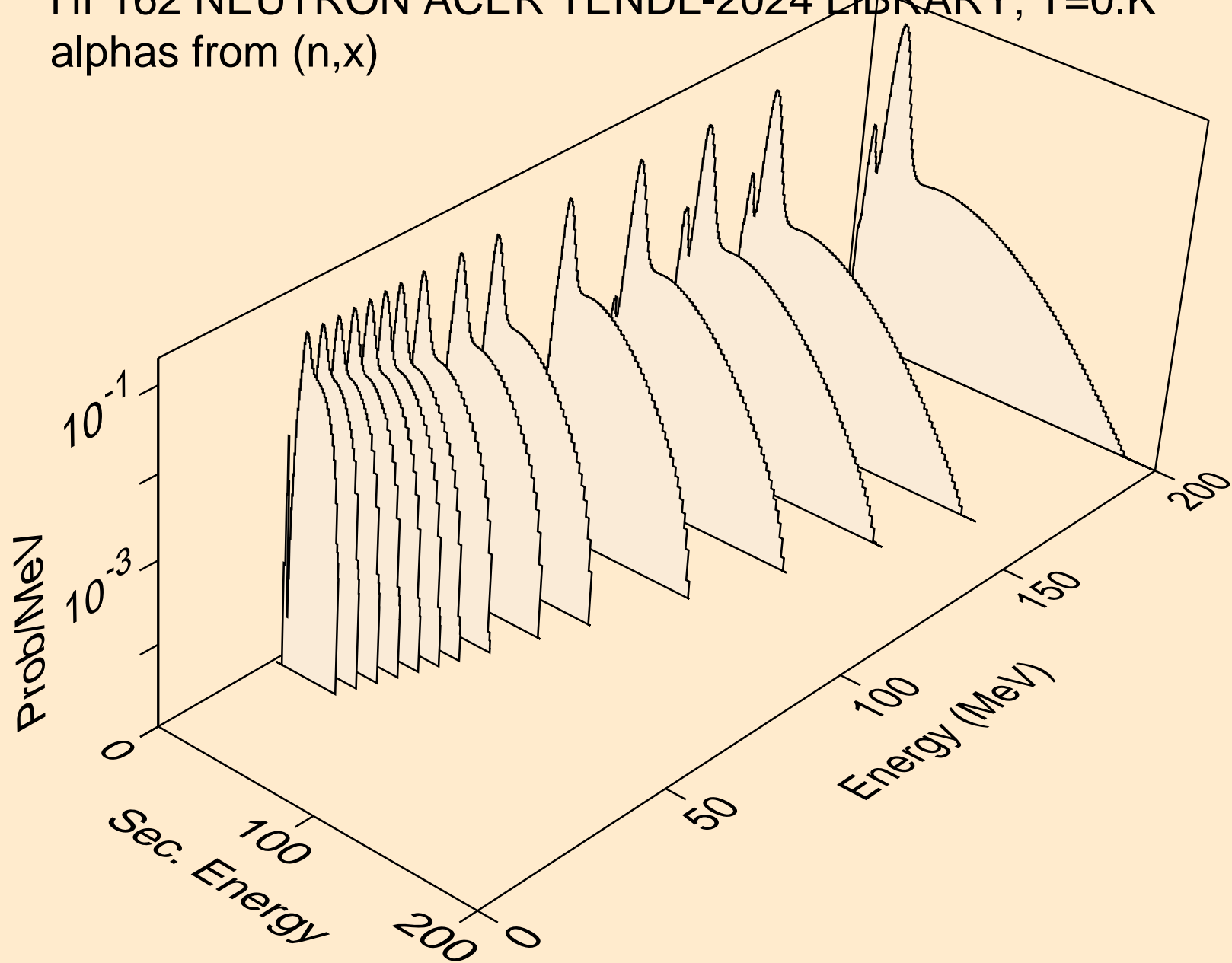




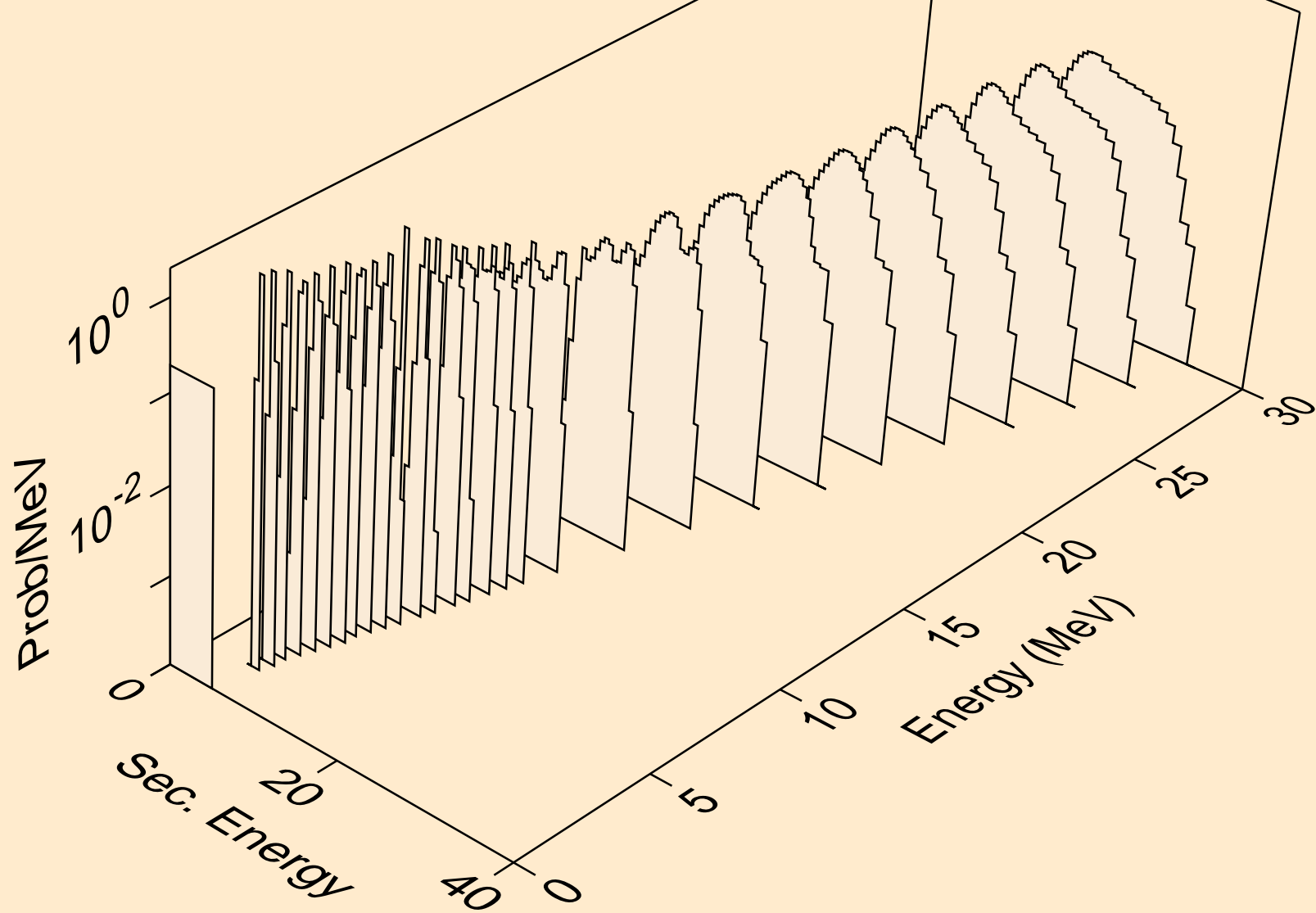
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he3s from (n,he3)



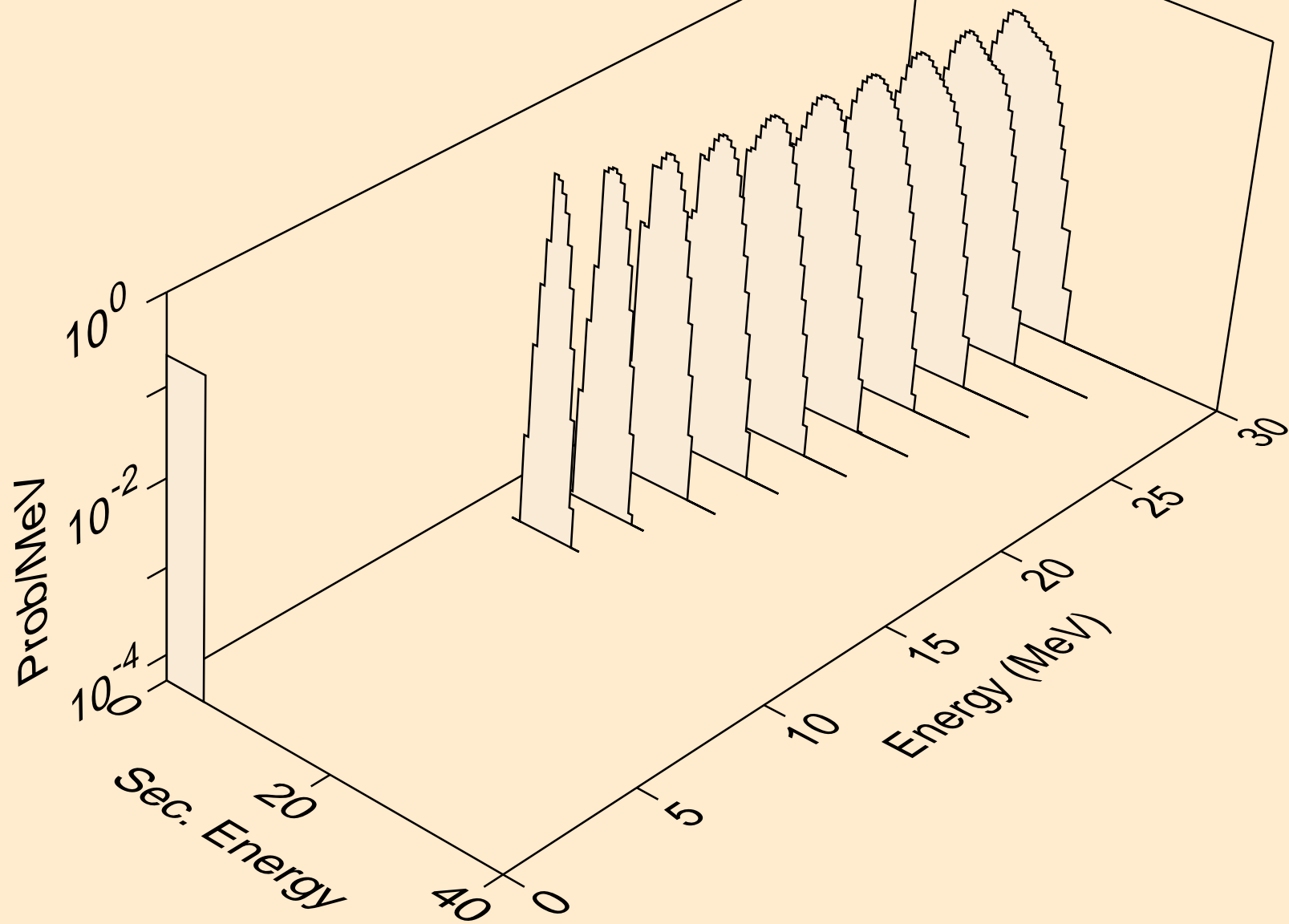
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



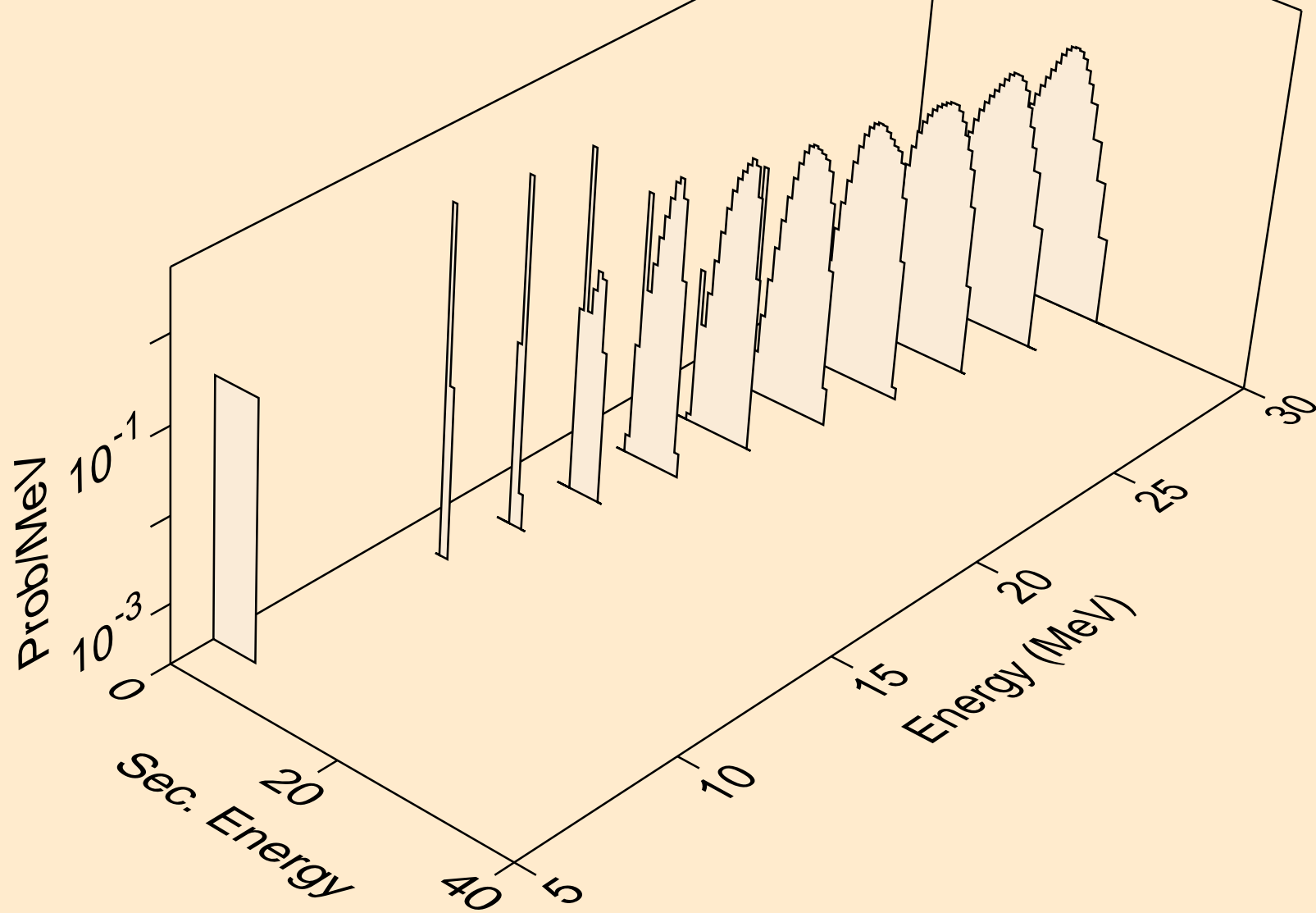
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



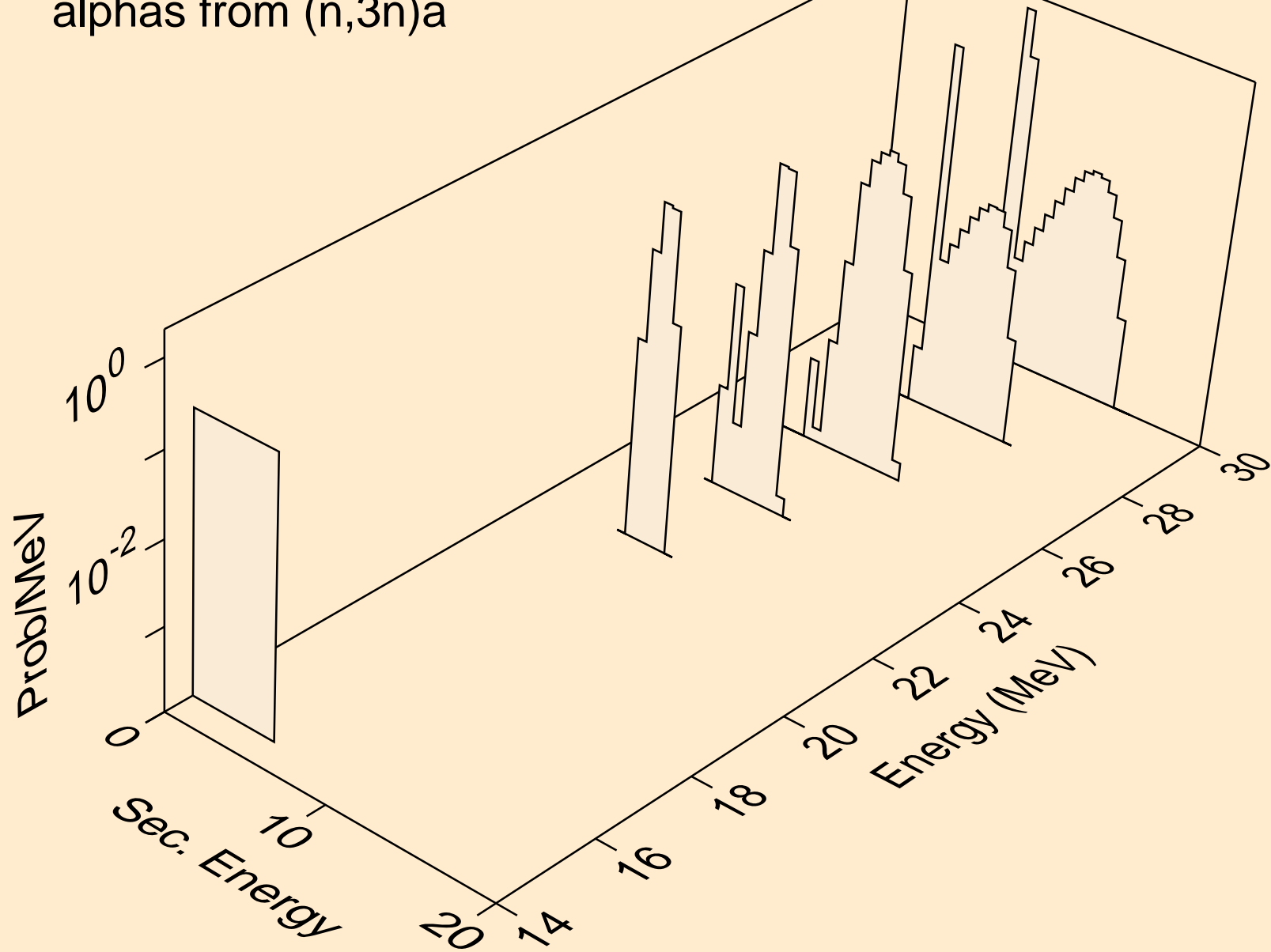
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



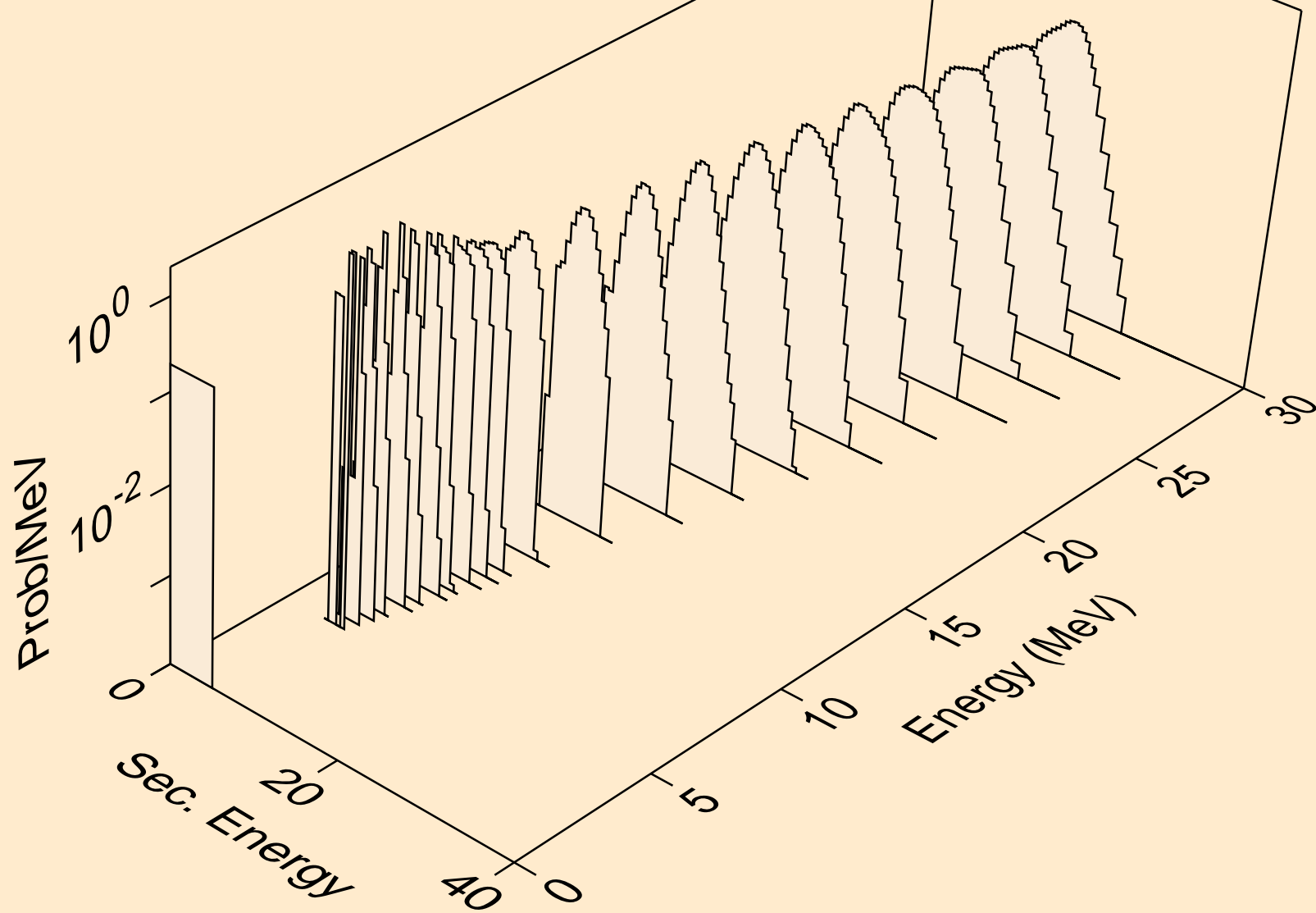
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



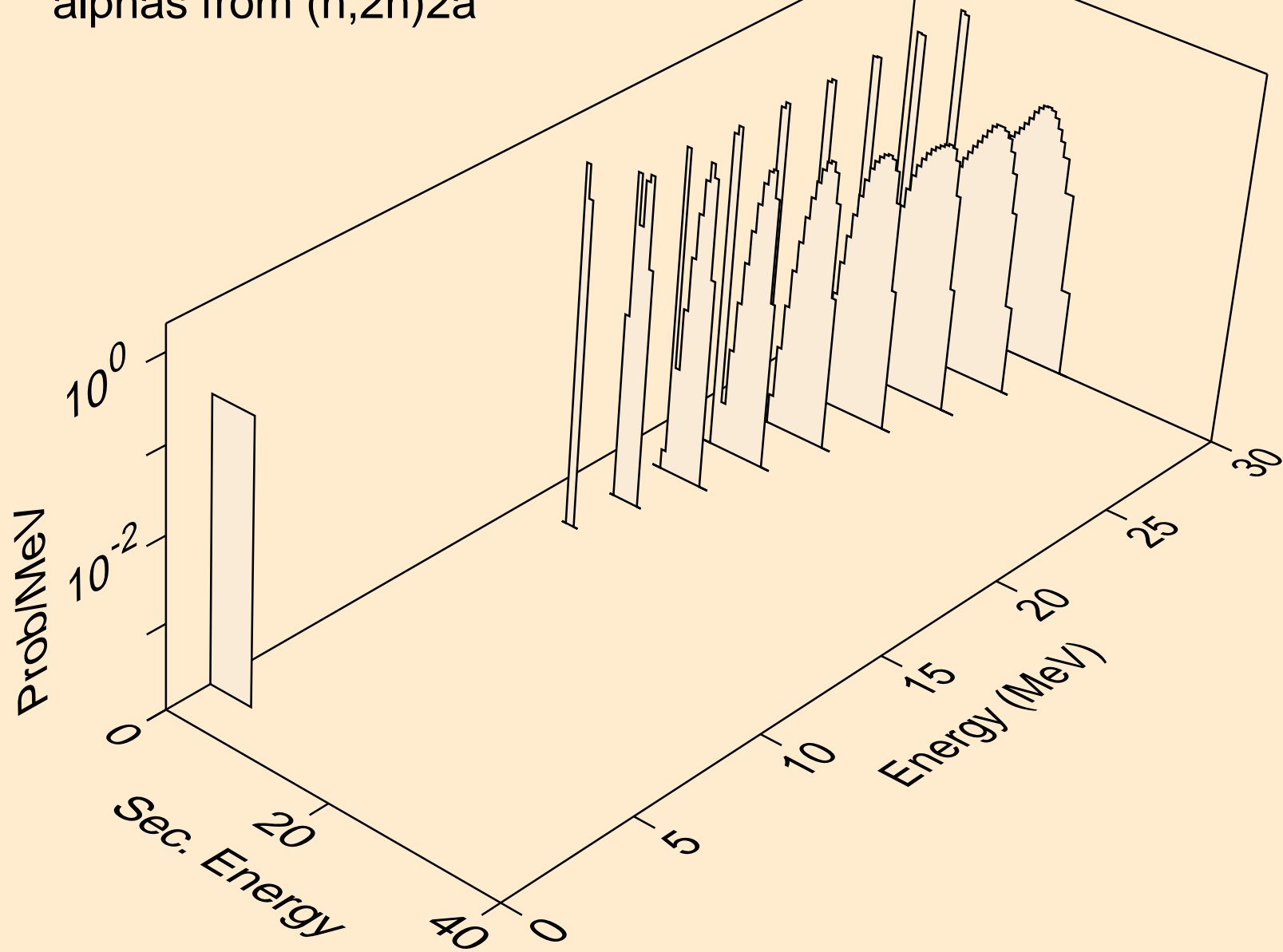
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

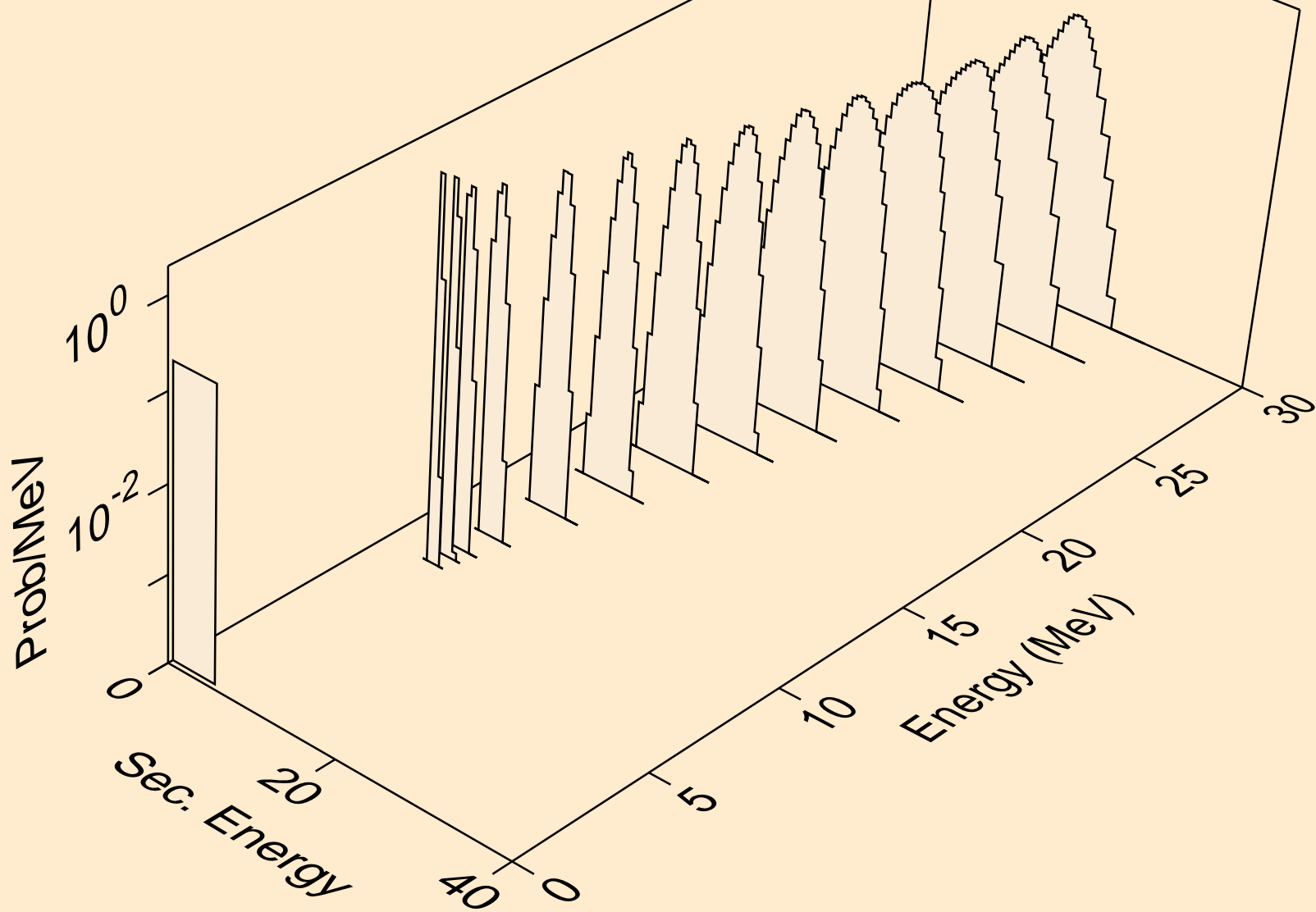


HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

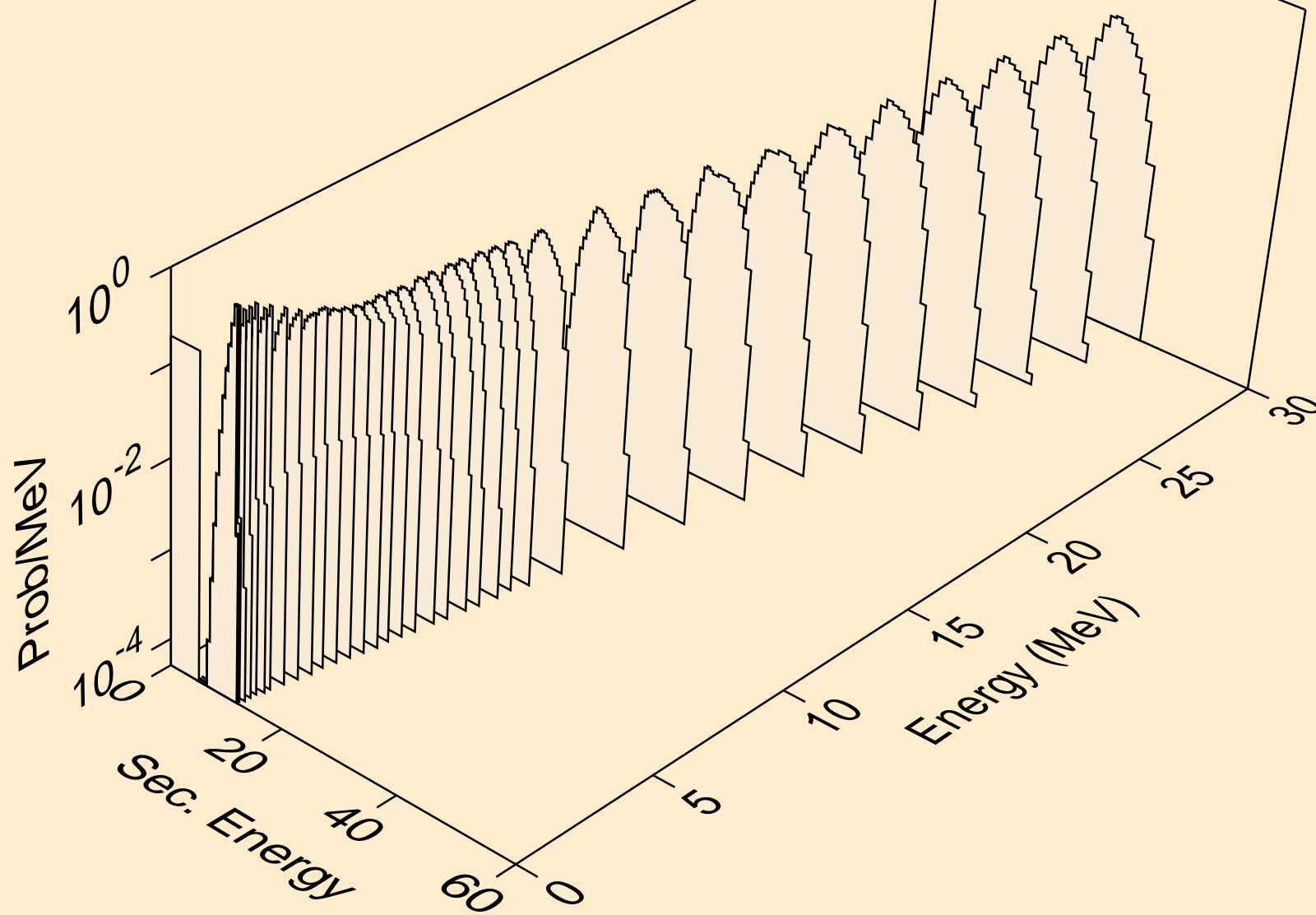




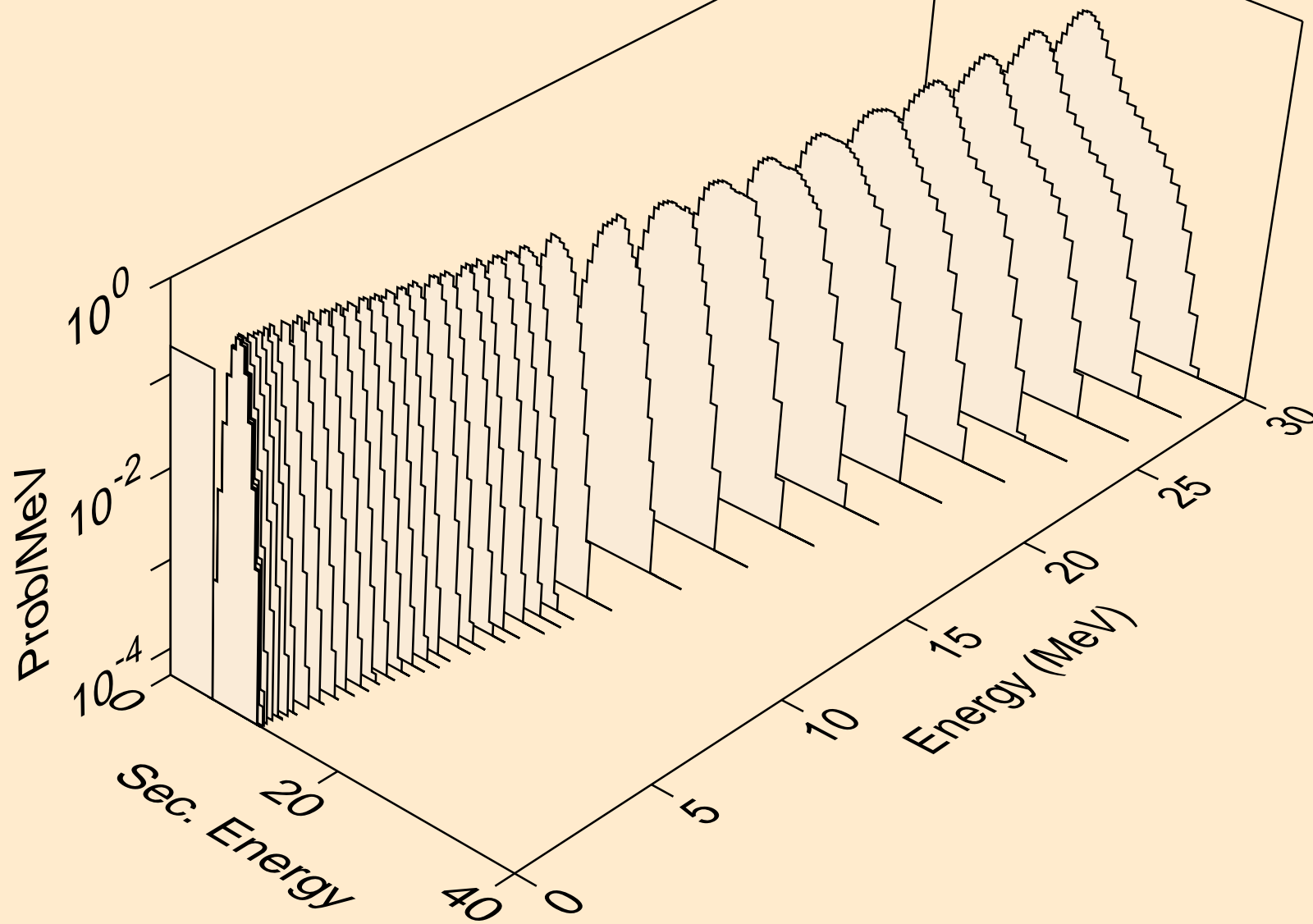
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



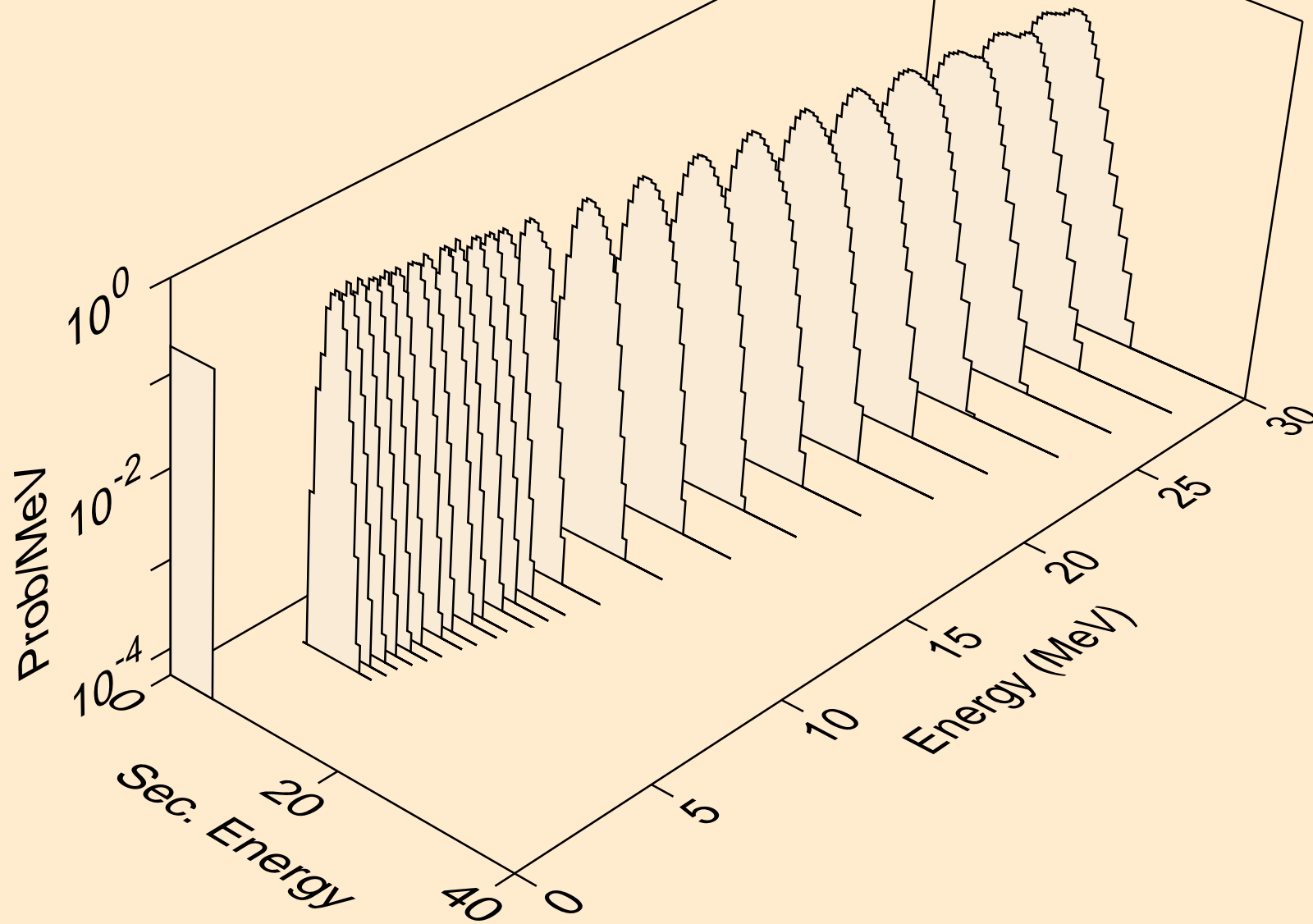
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



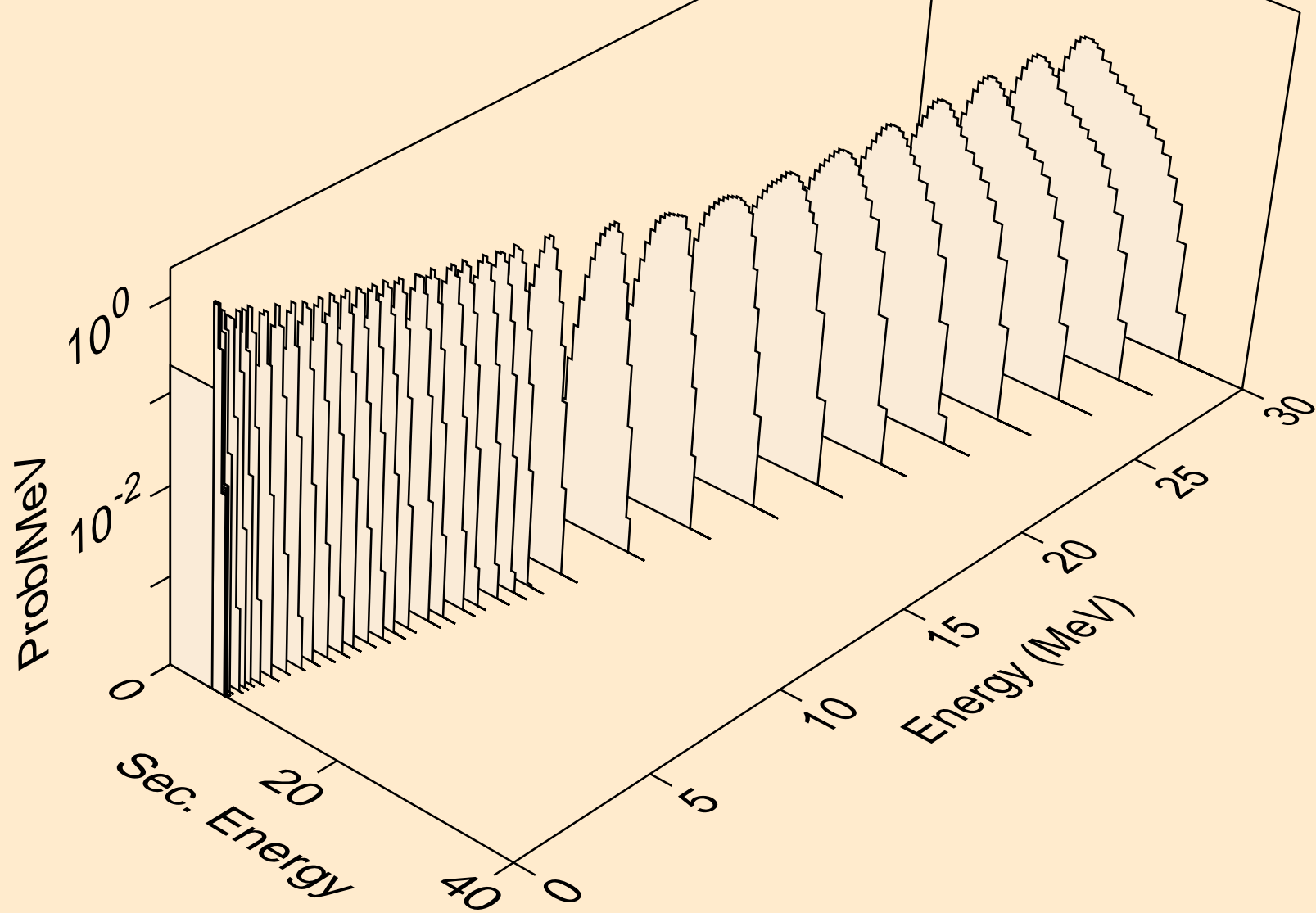
HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



HF162 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

