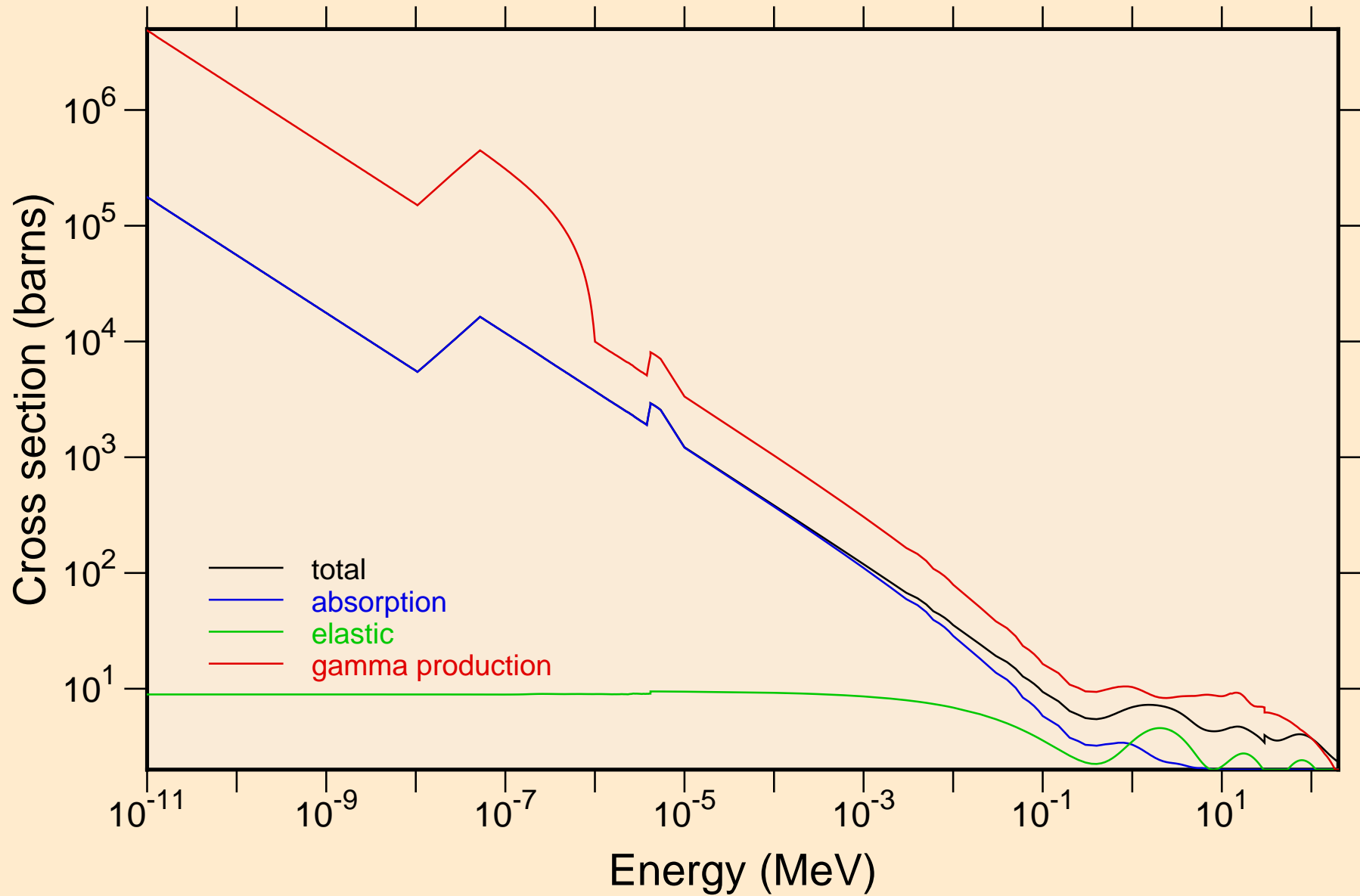


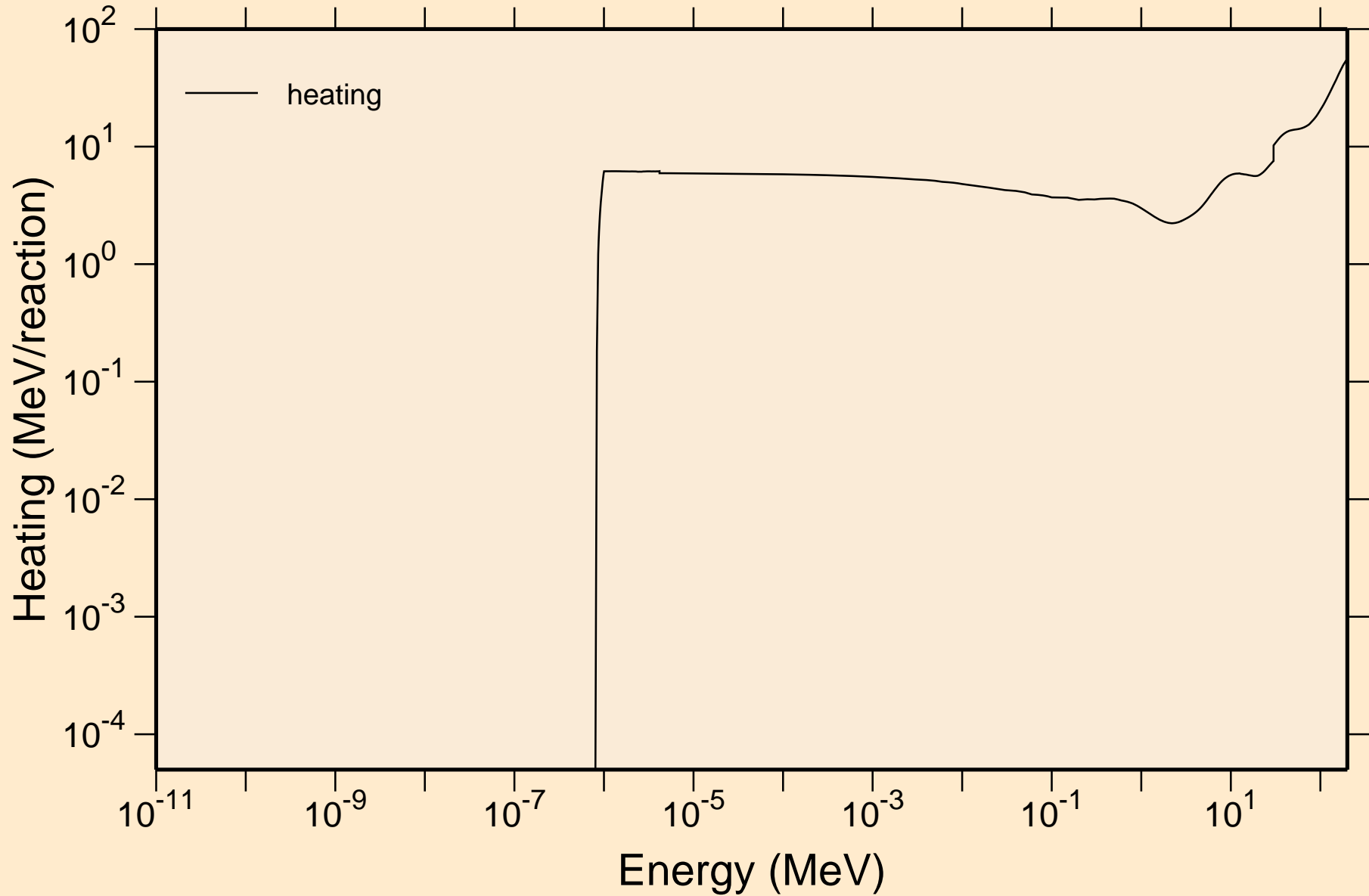
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



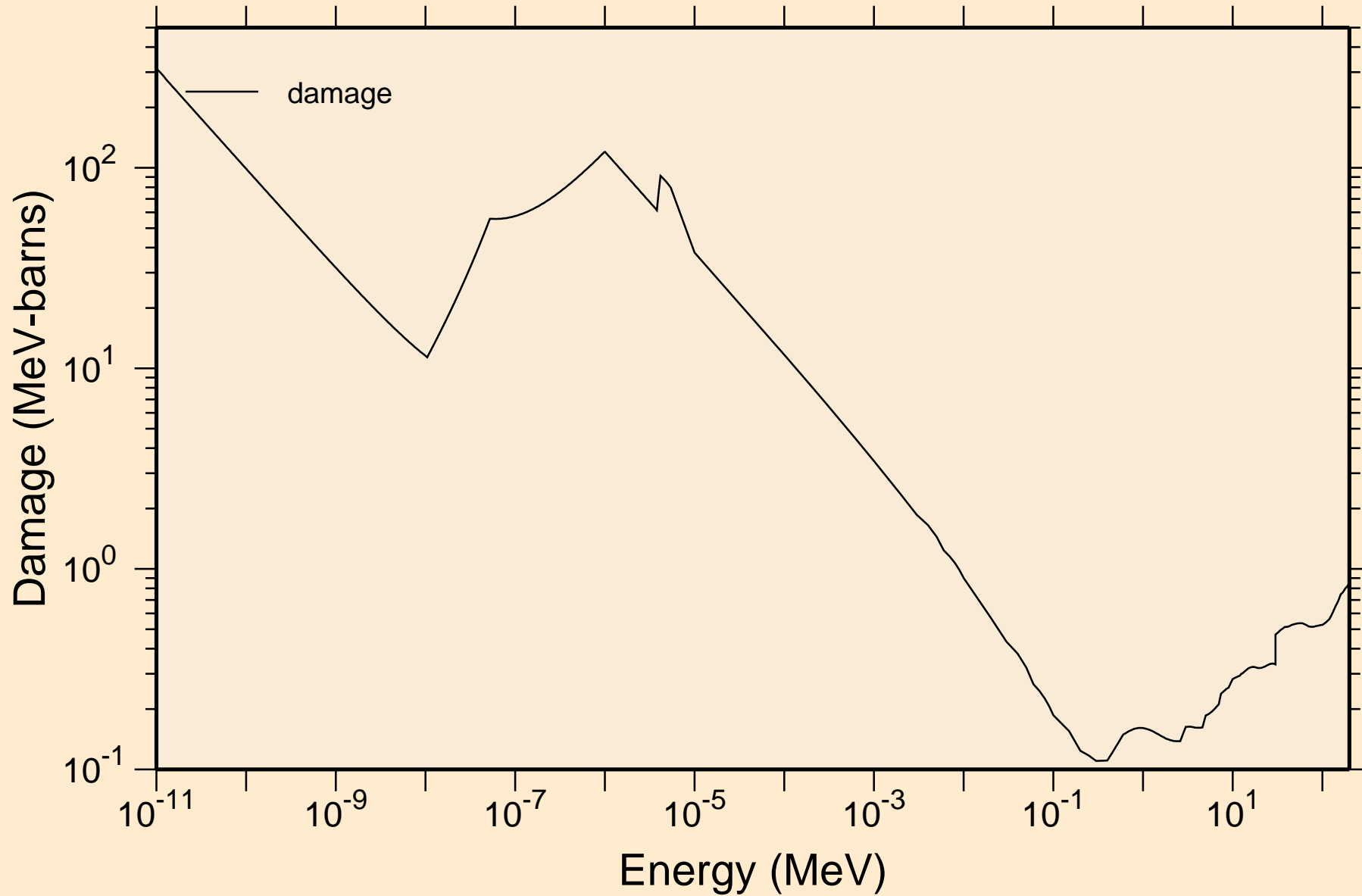
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



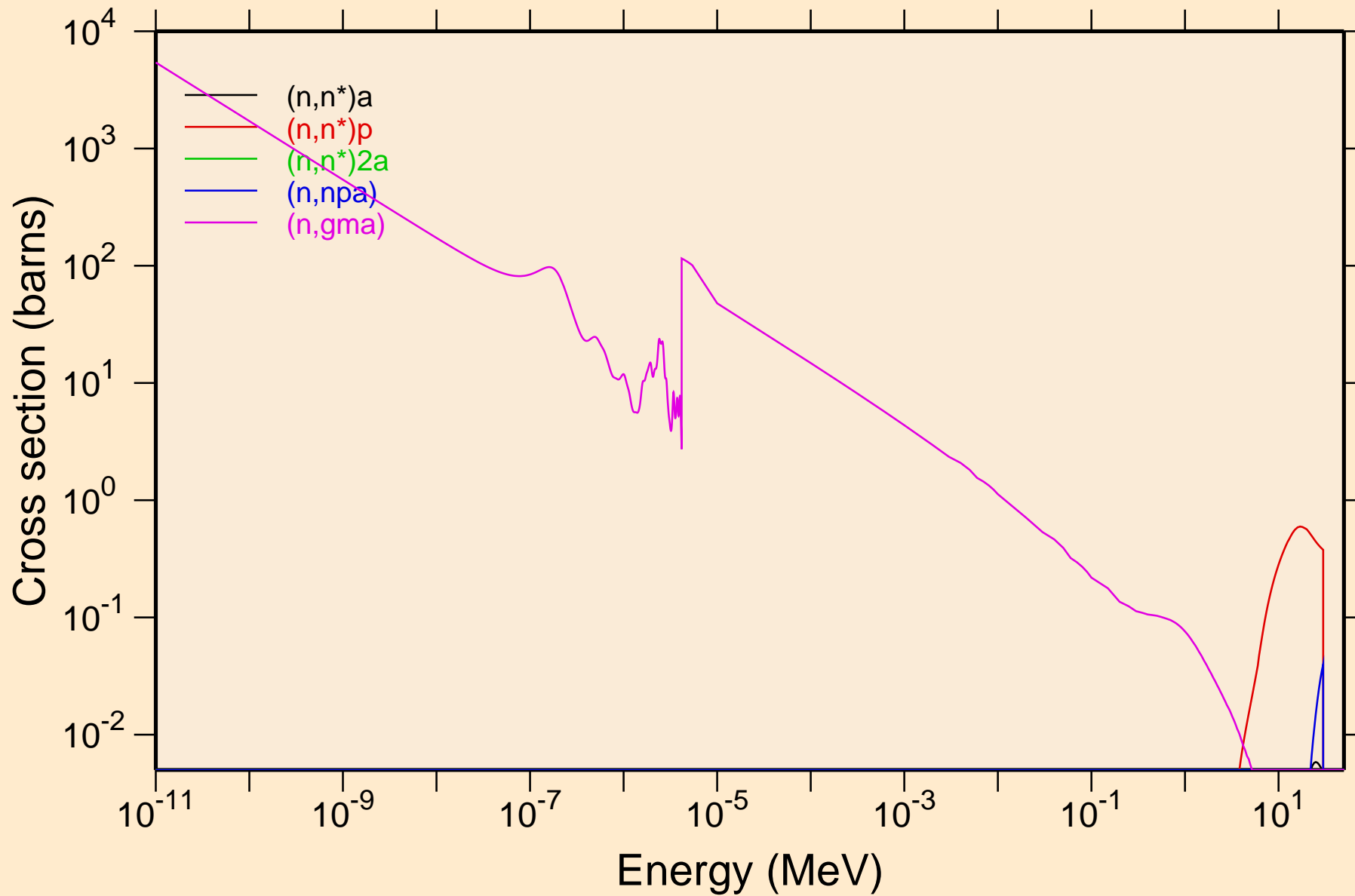
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



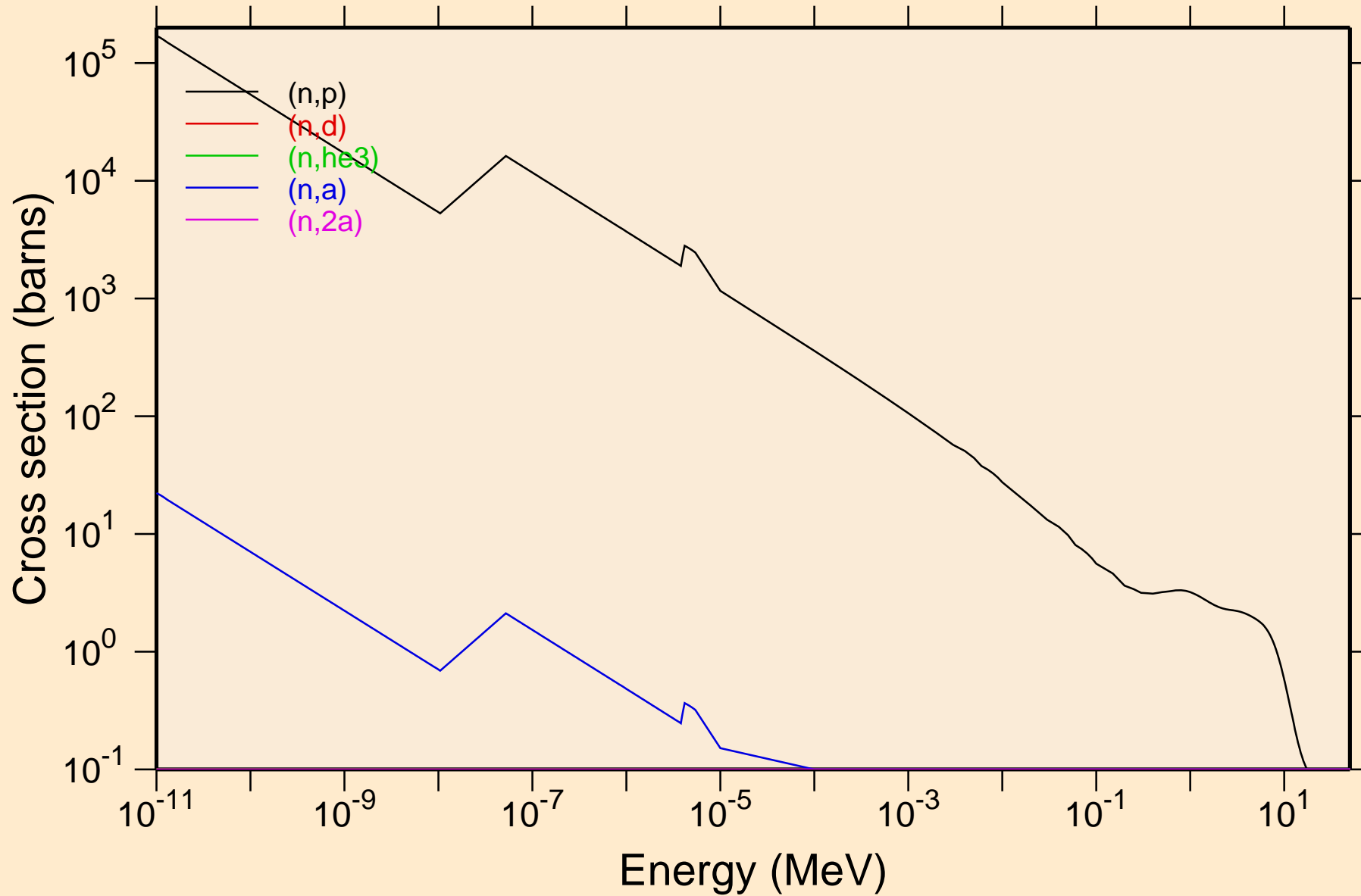
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

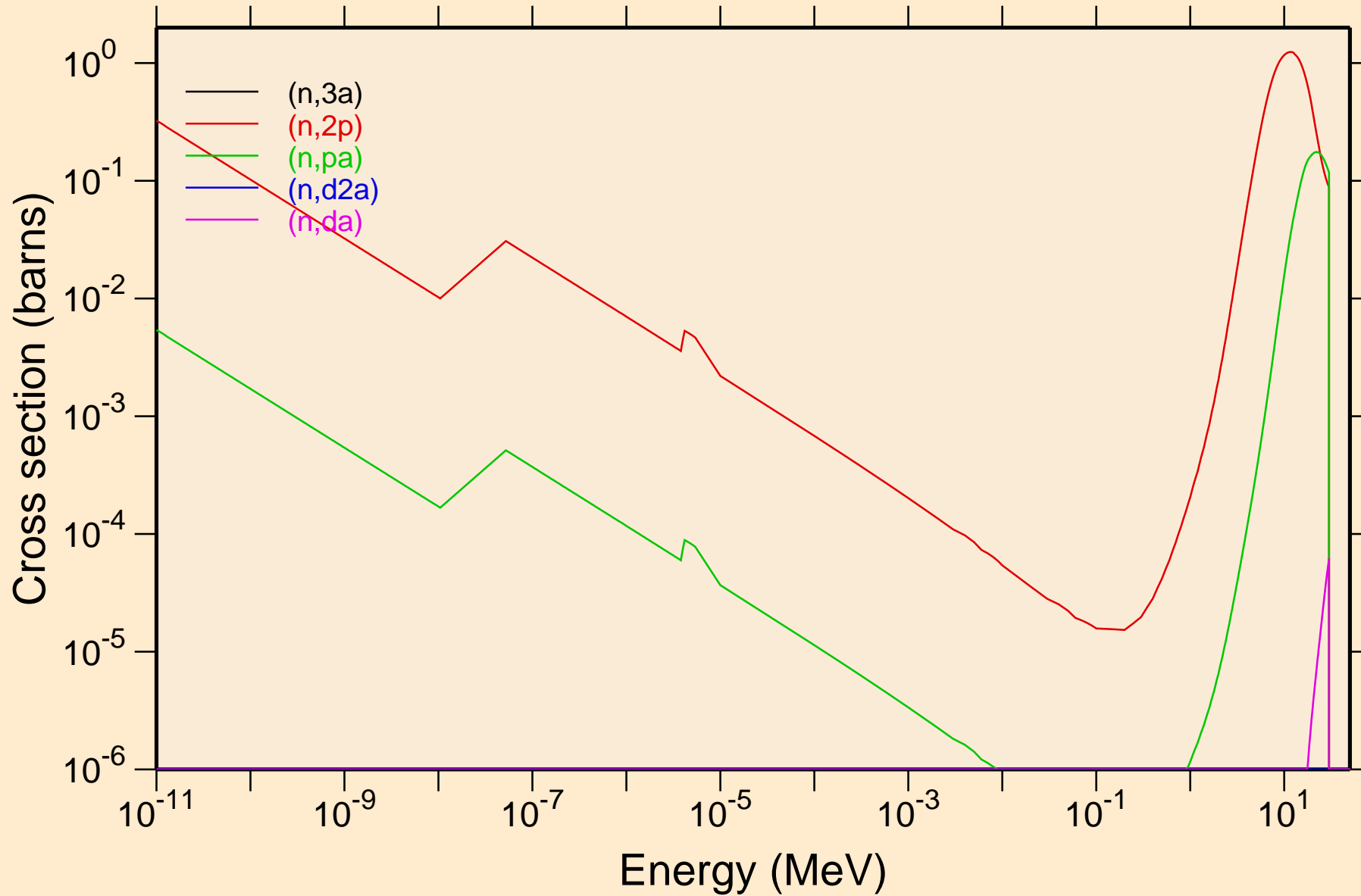


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

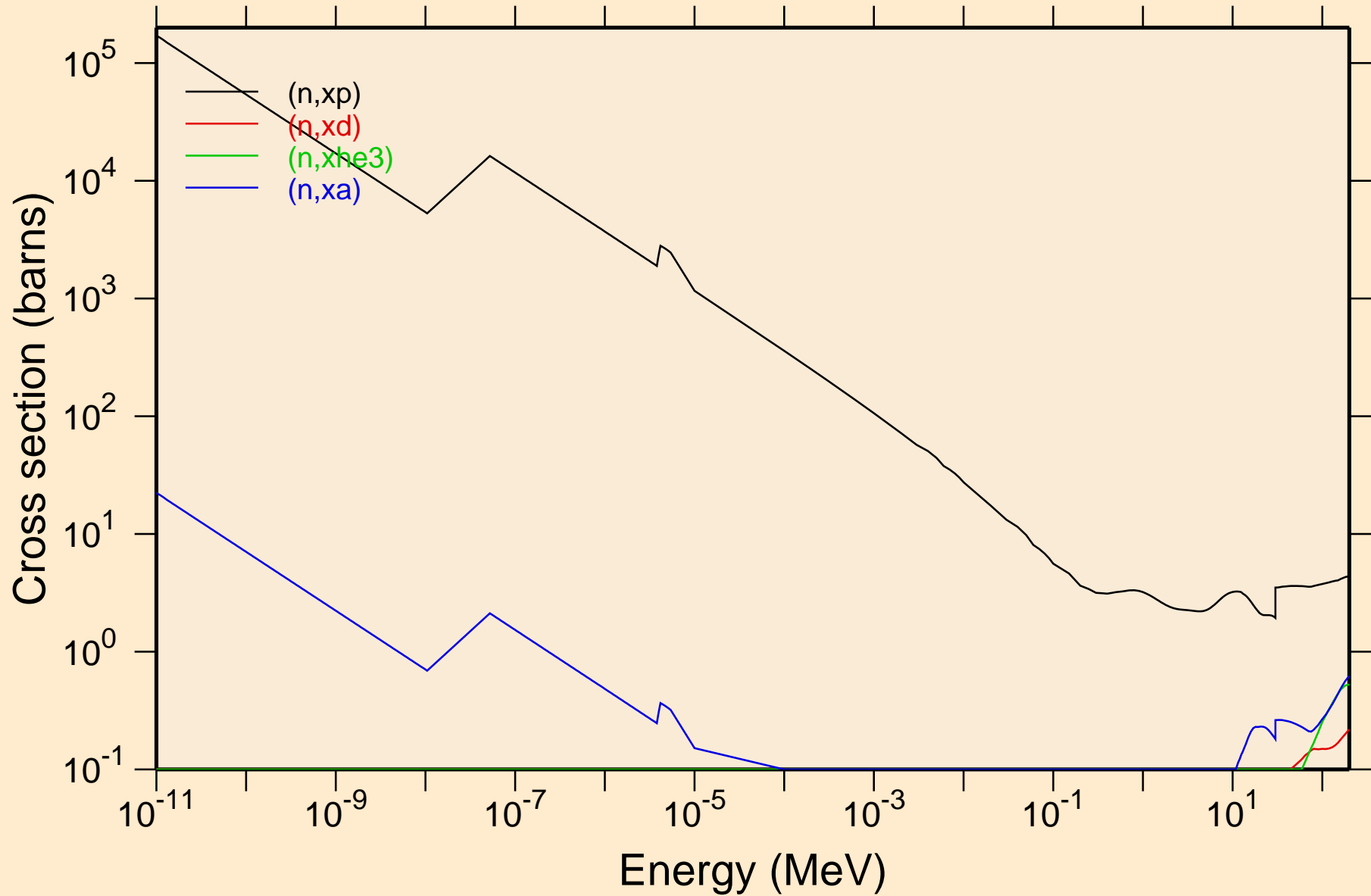


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



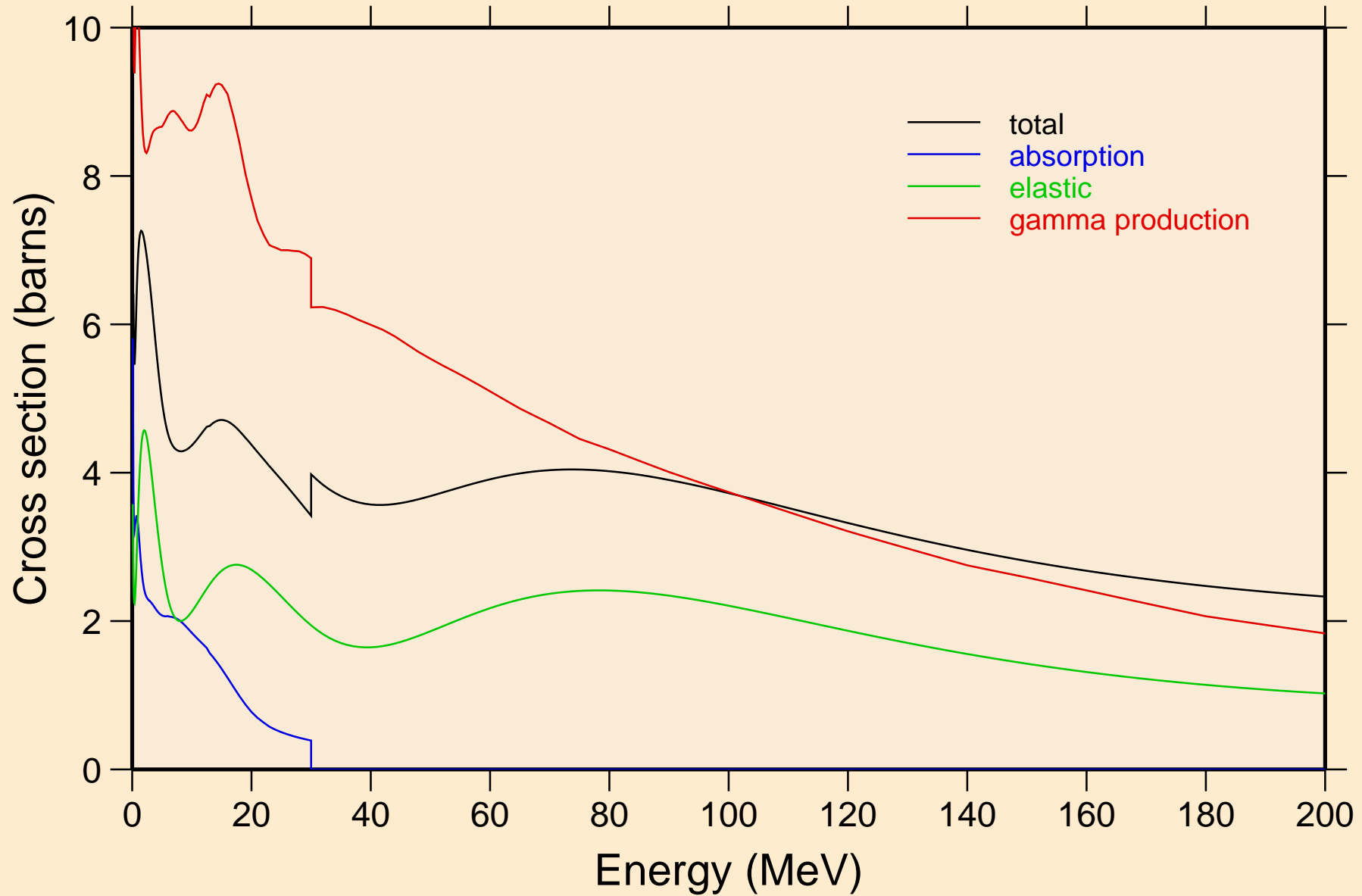
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

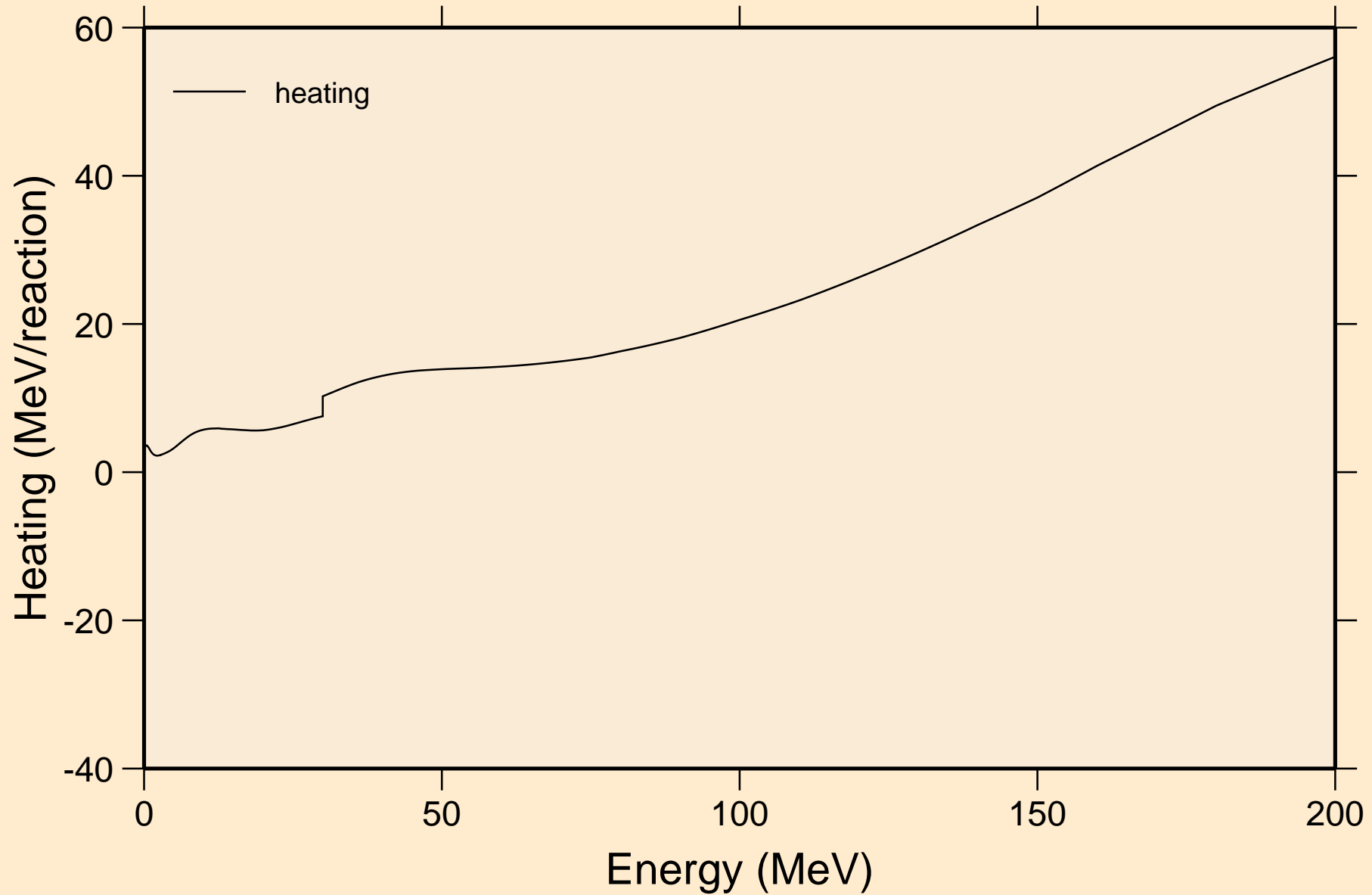
## Principal cross sections





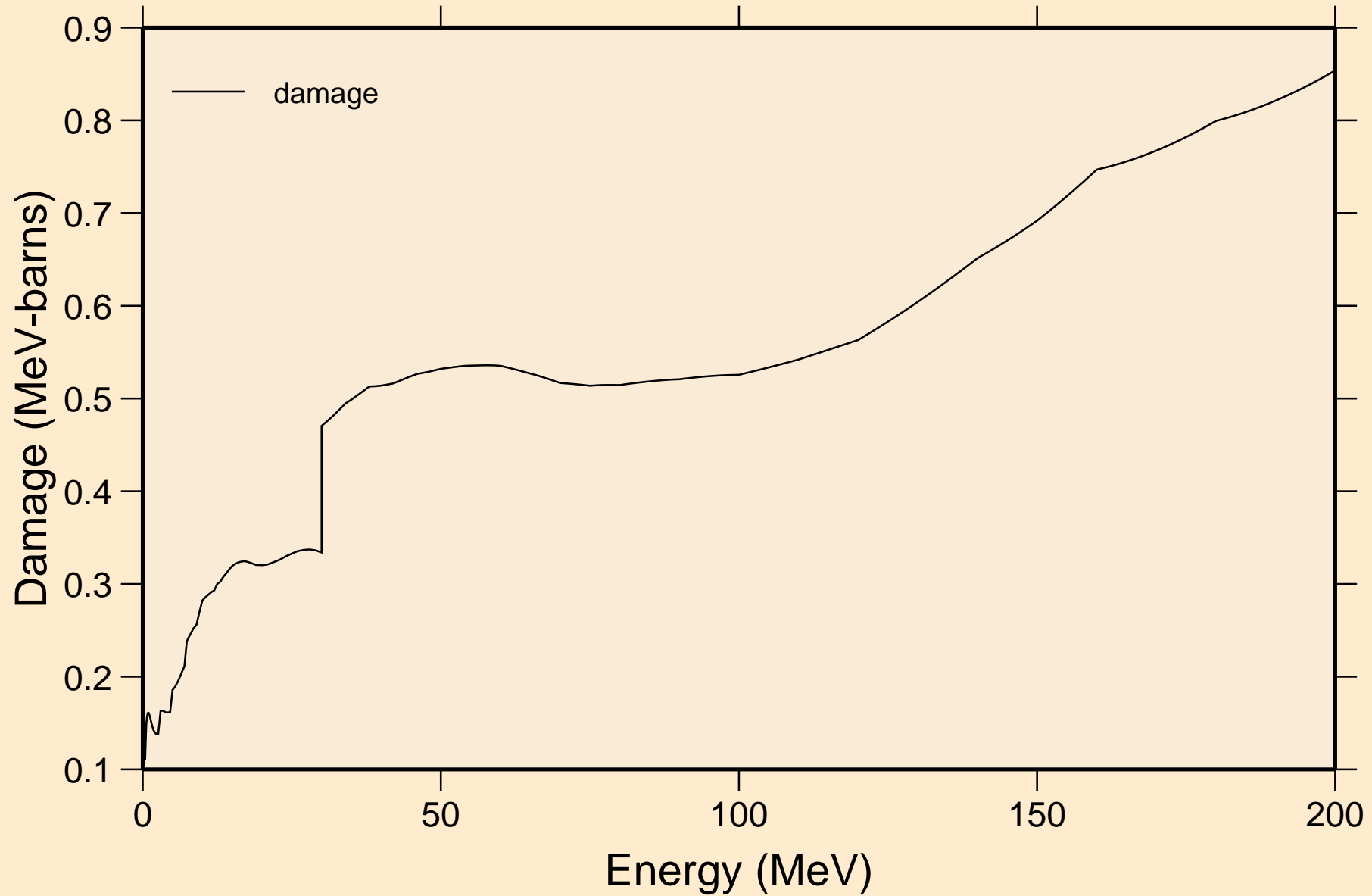
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



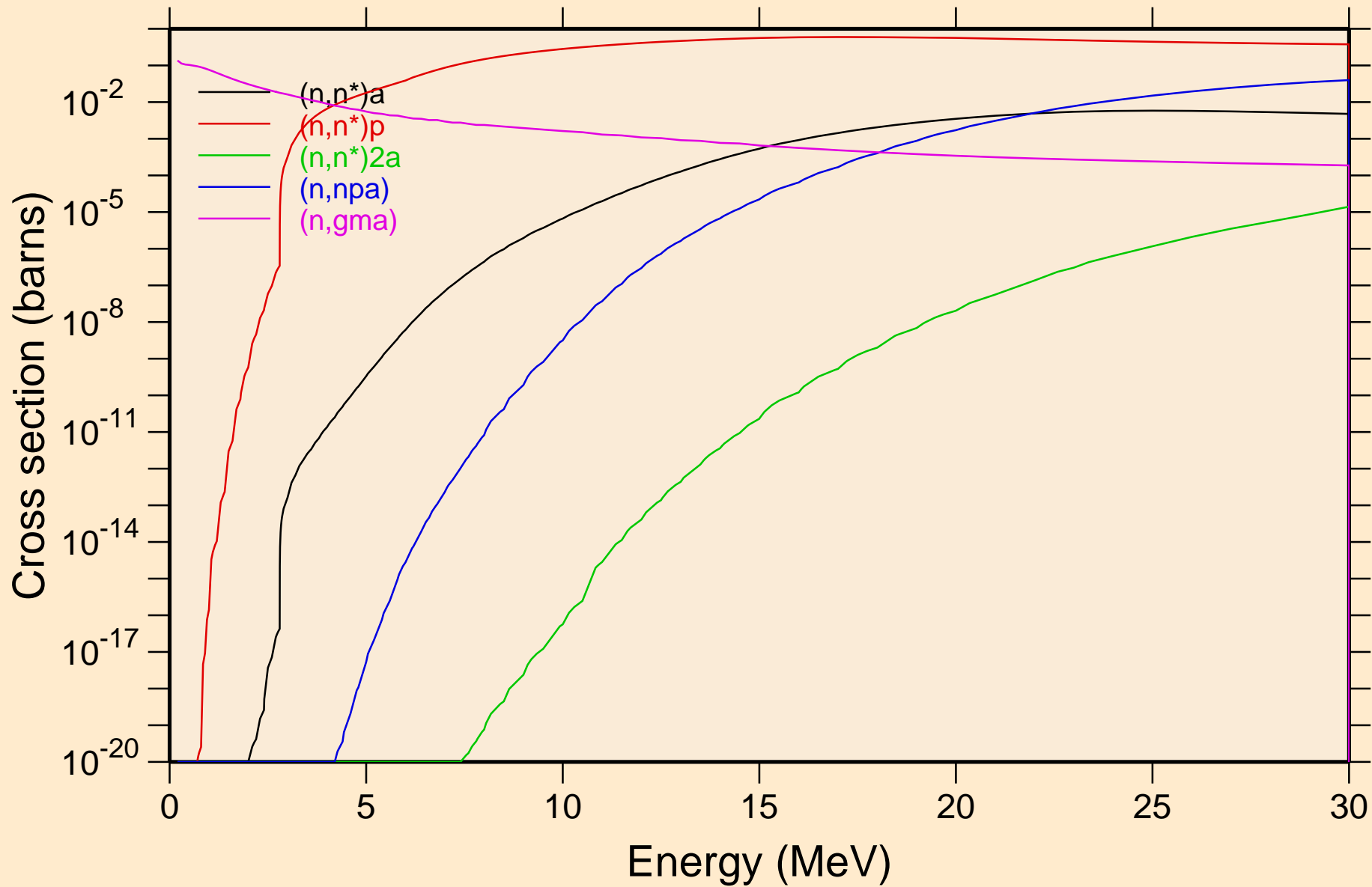
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

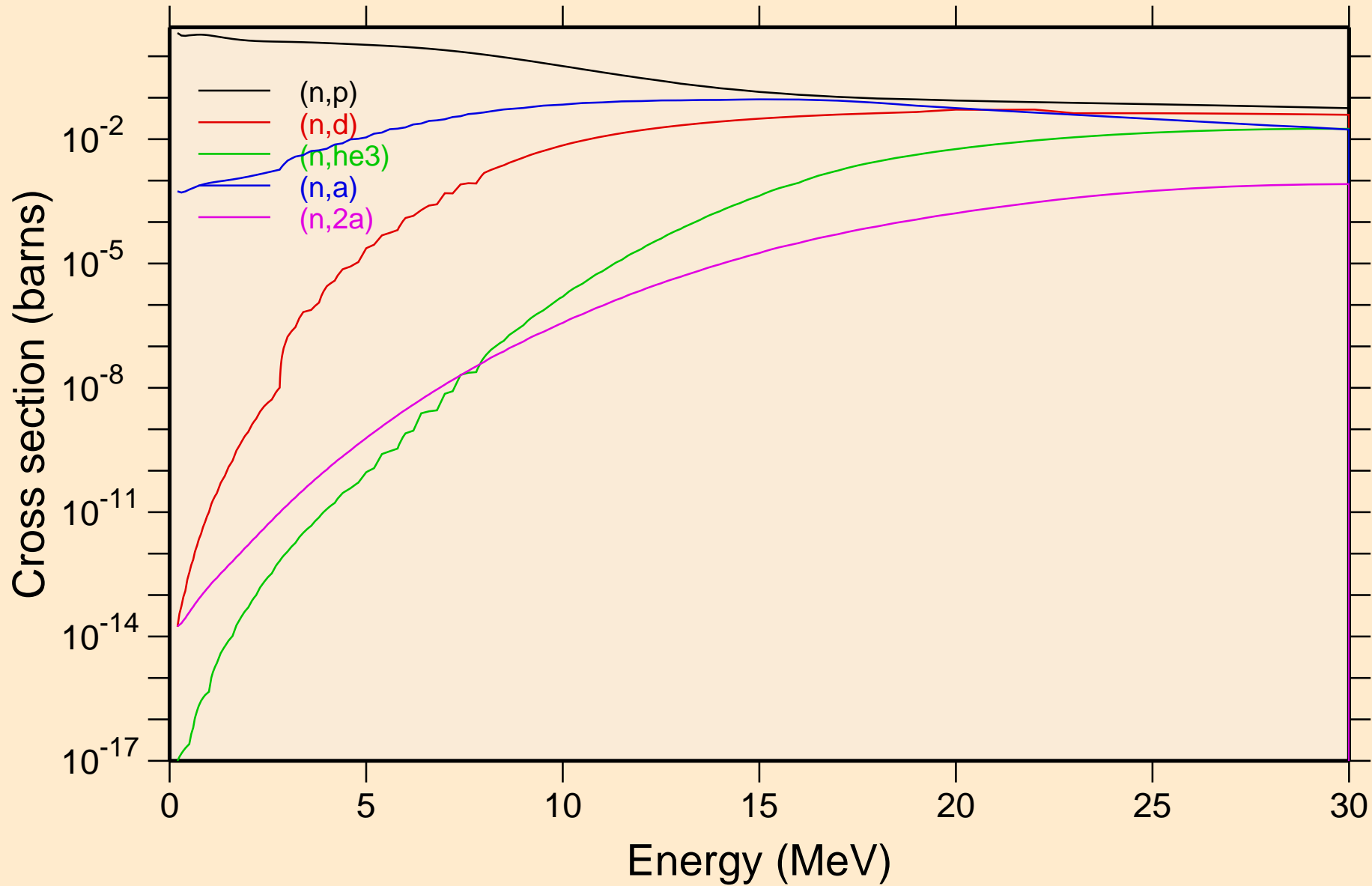


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

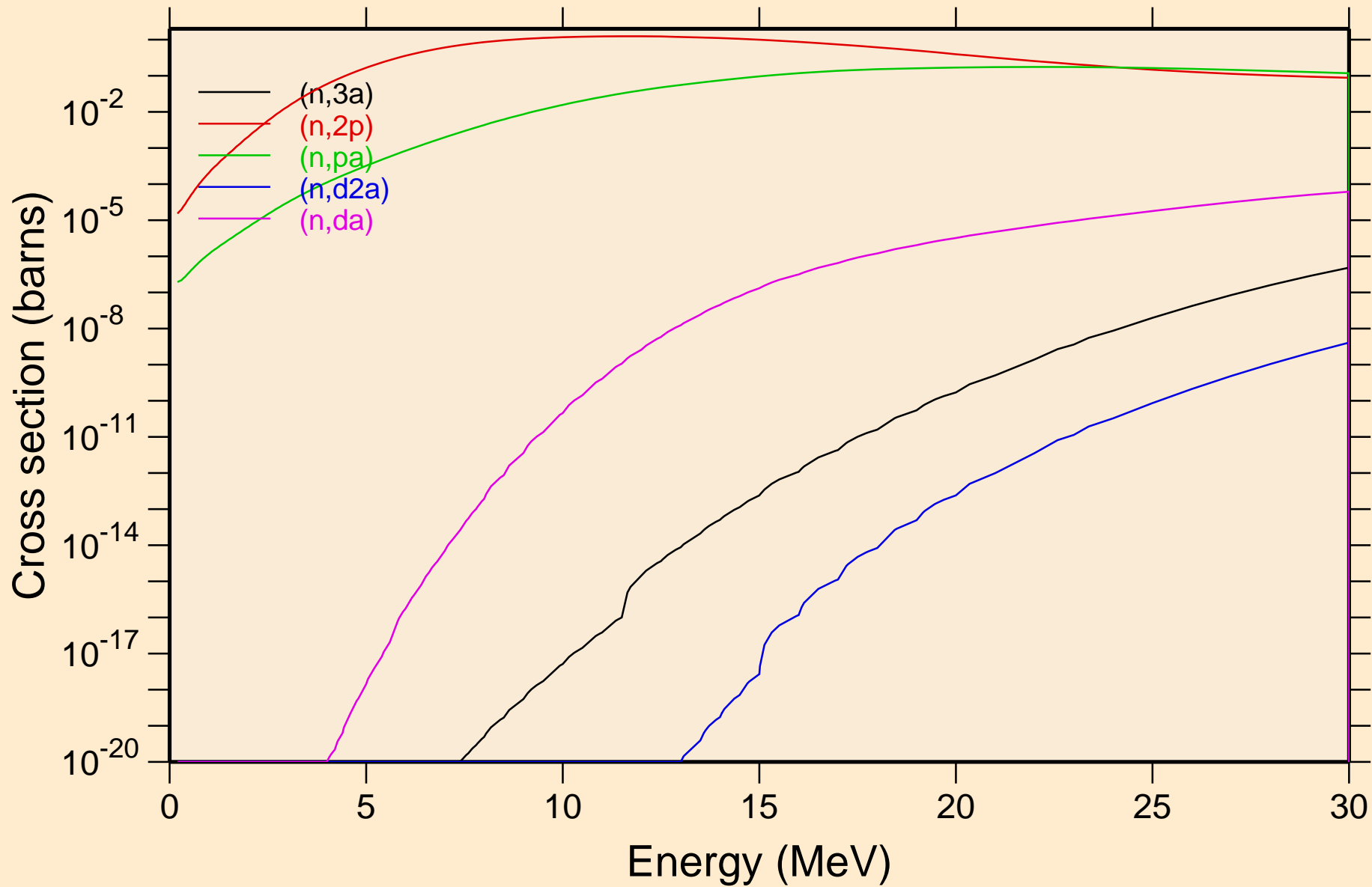


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



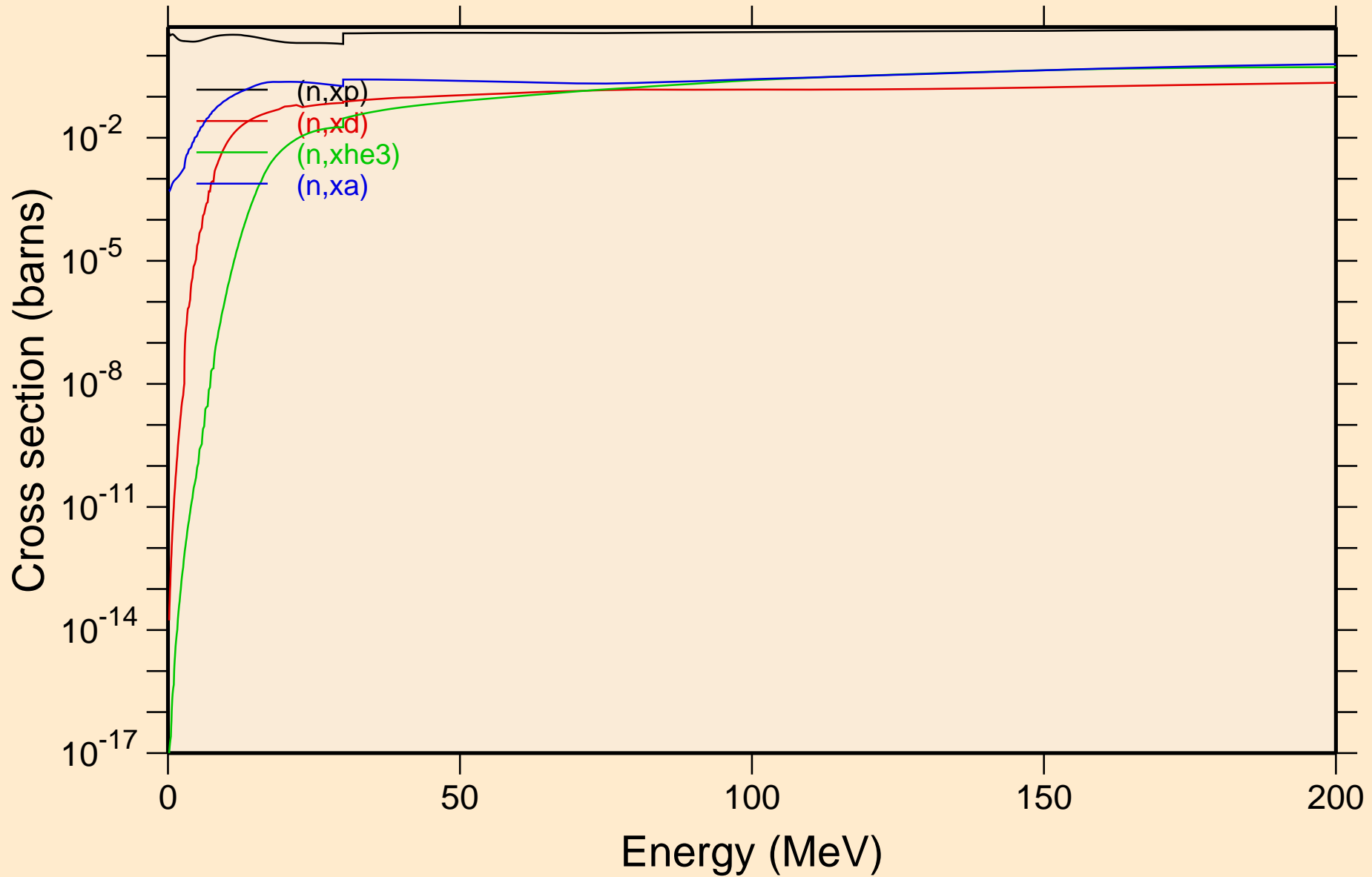
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

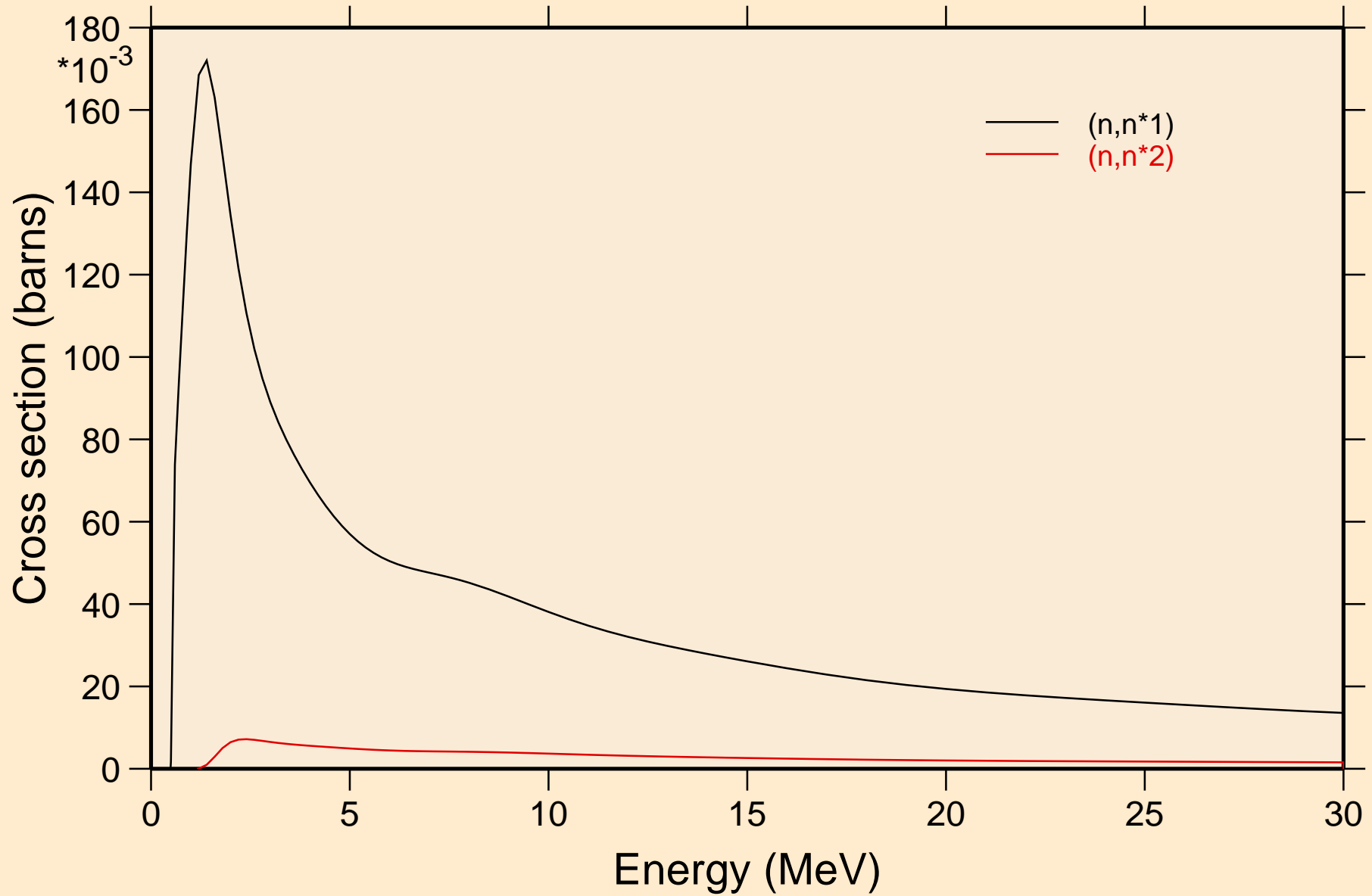


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

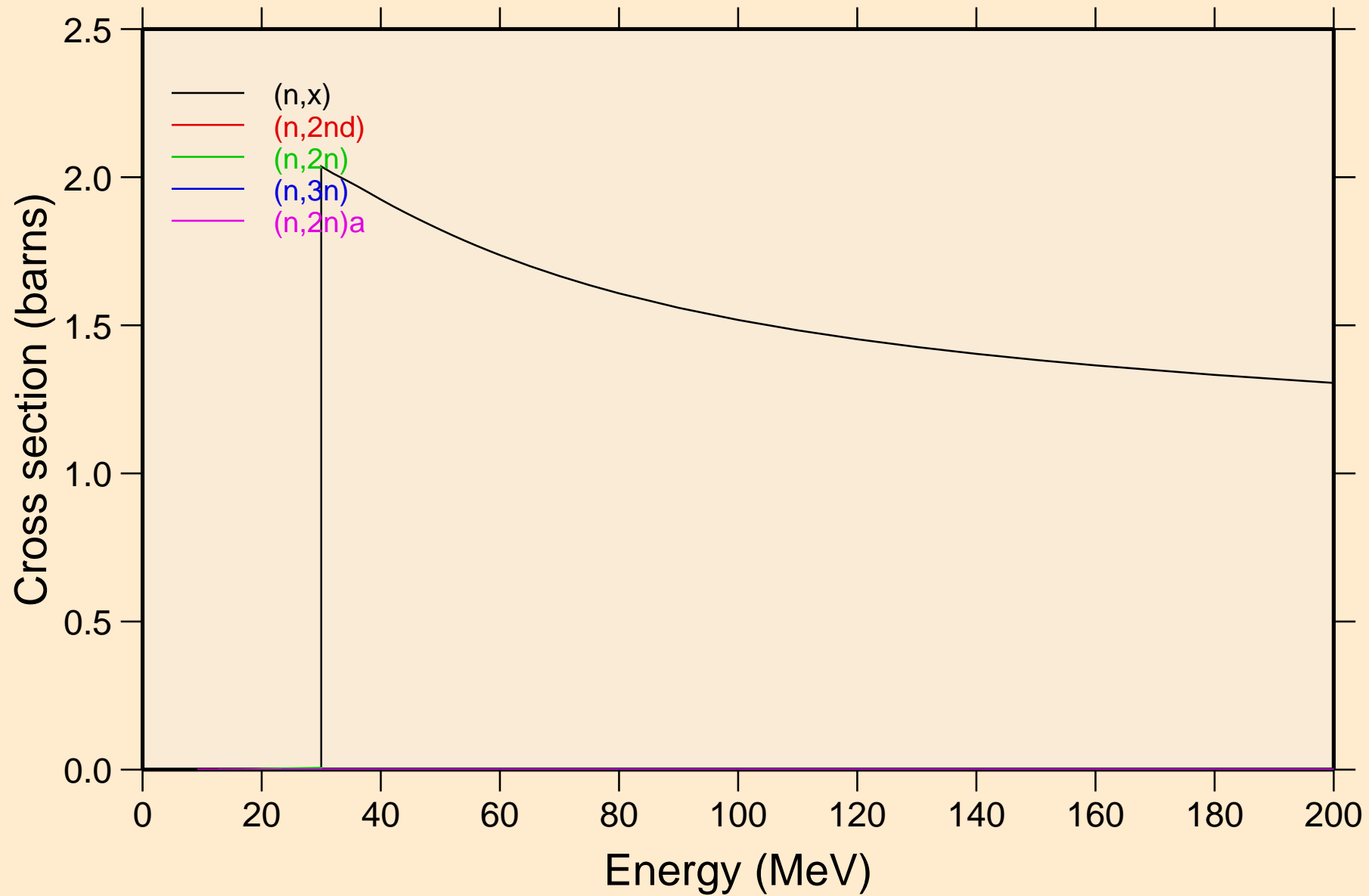


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

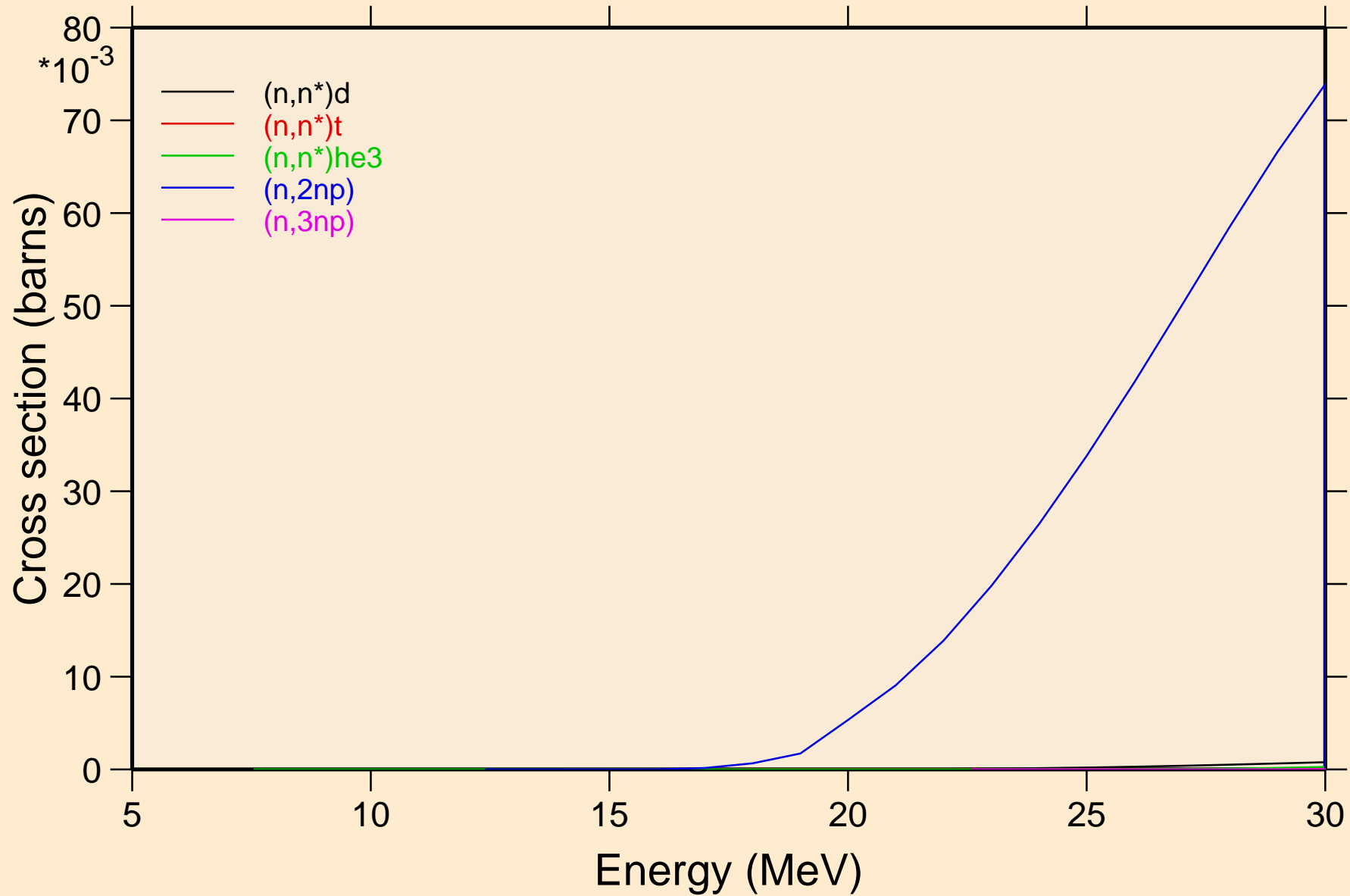
## Threshold reactions





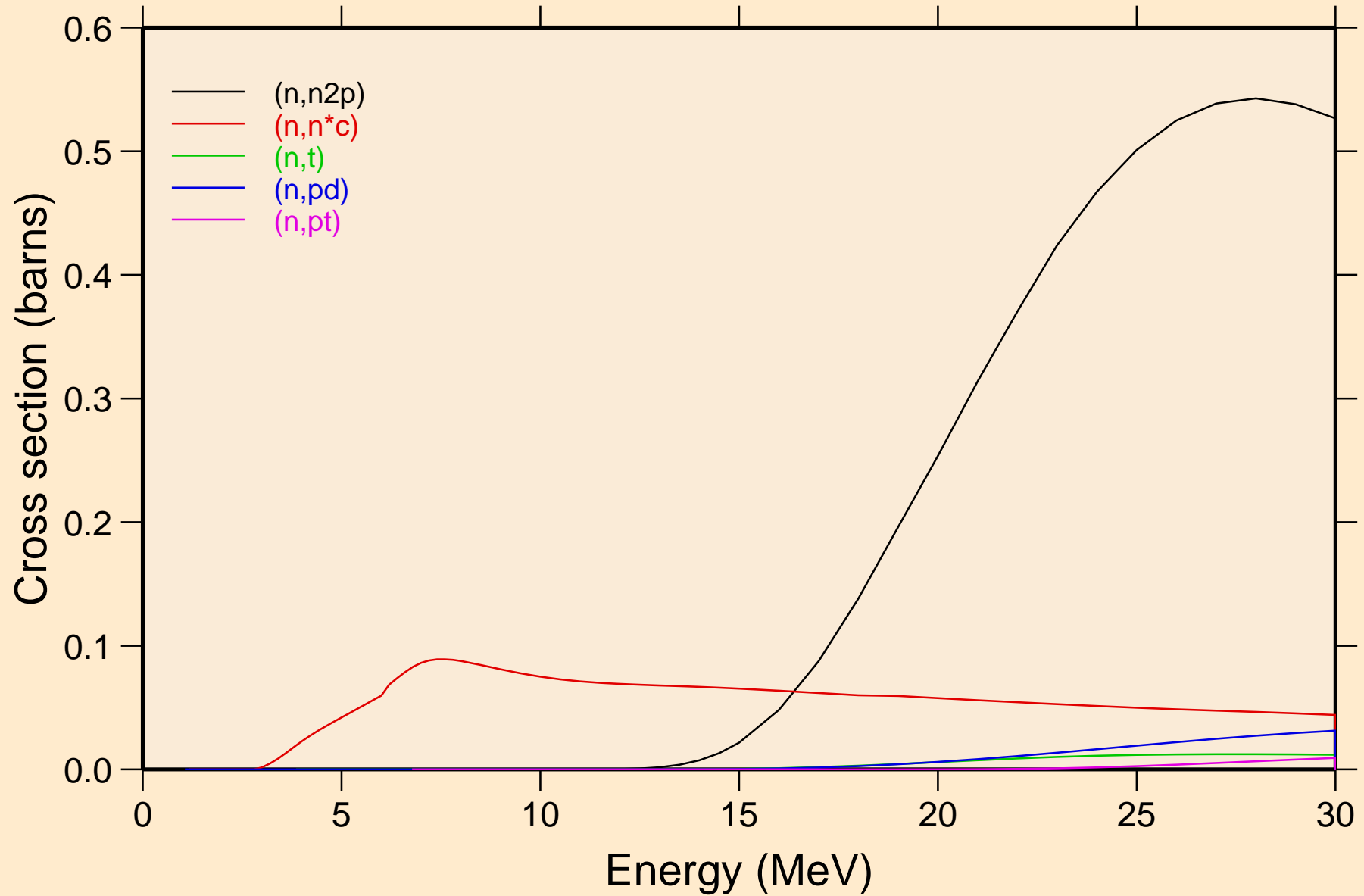
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

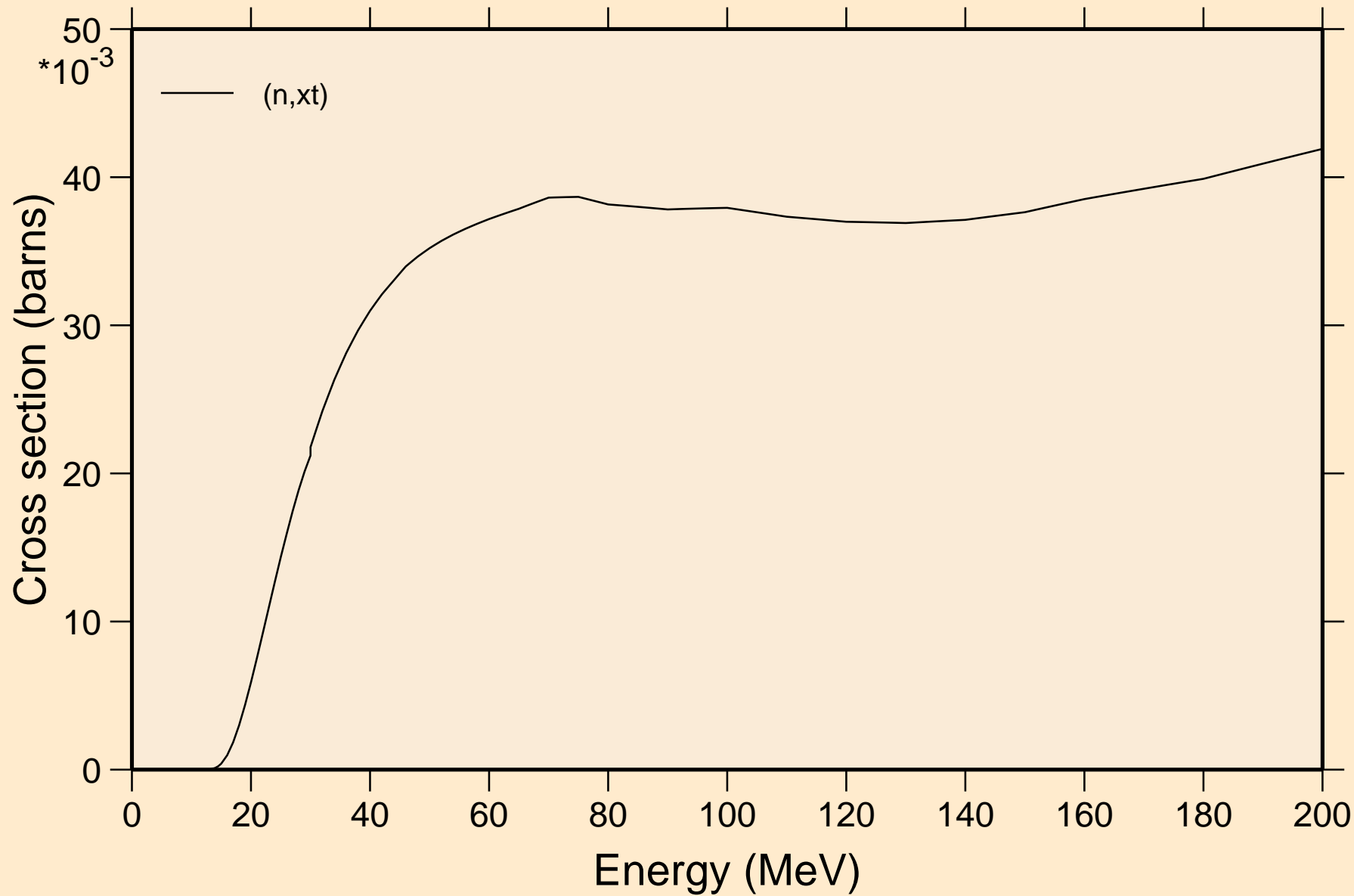


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

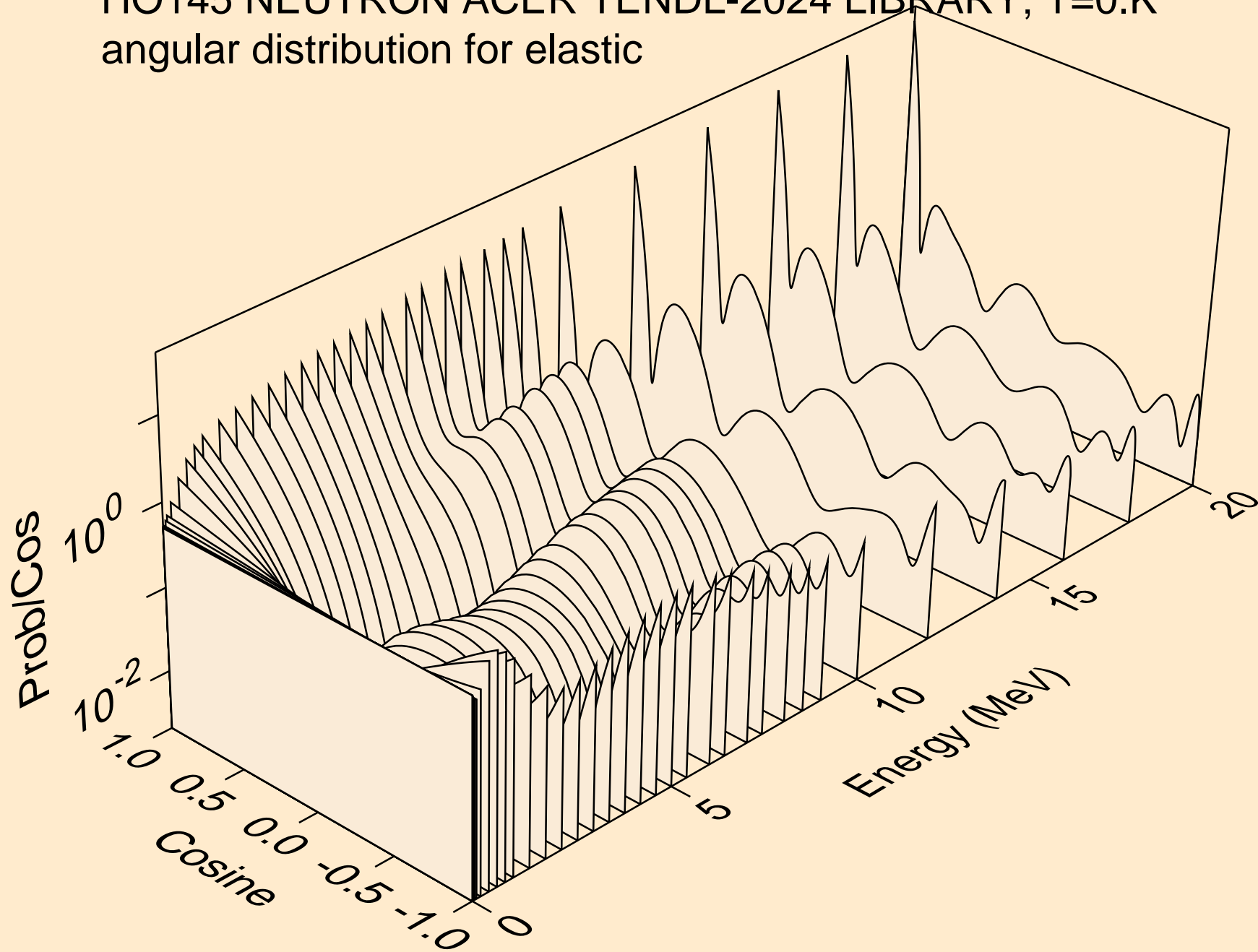
## Threshold reactions



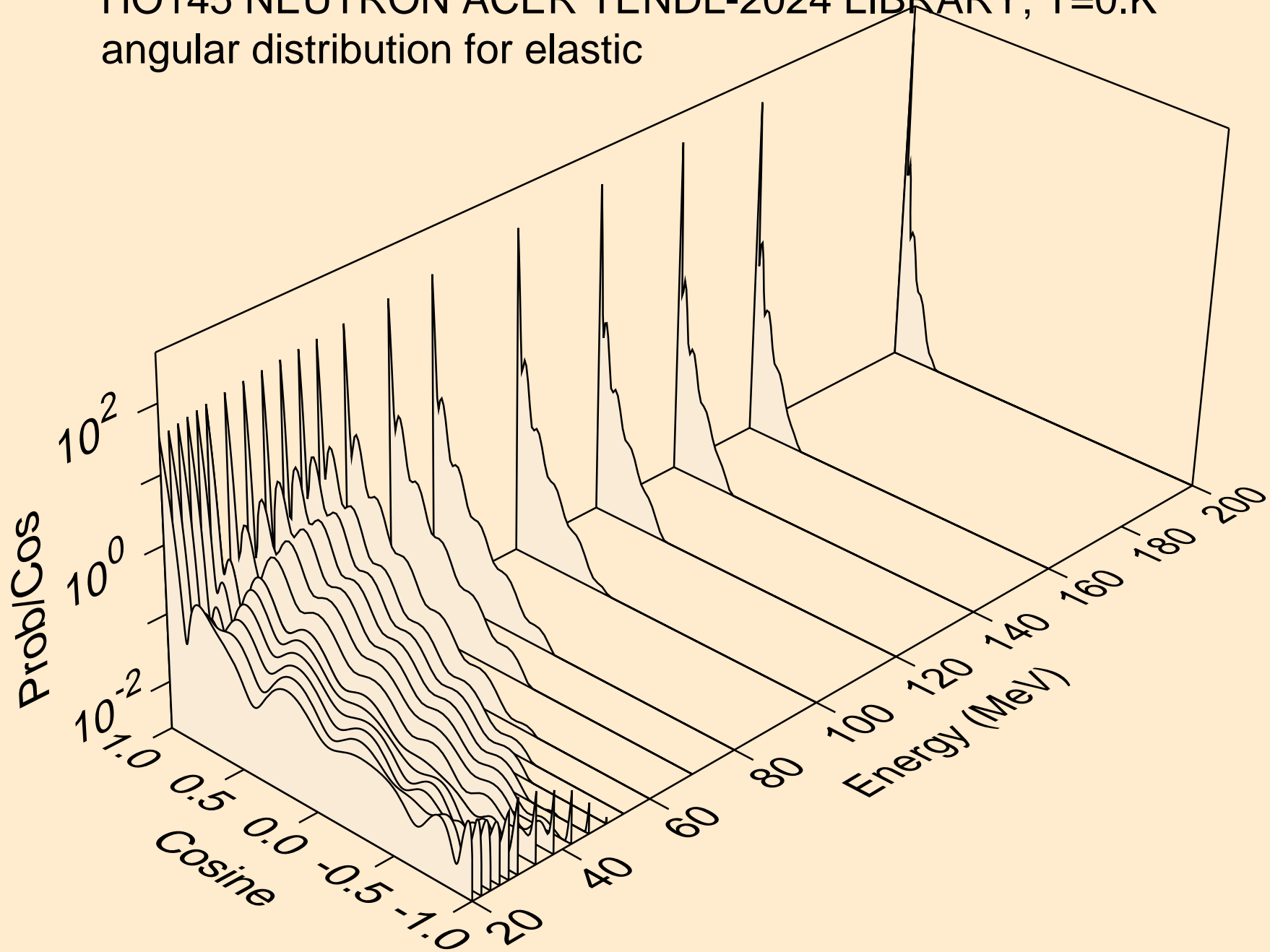
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



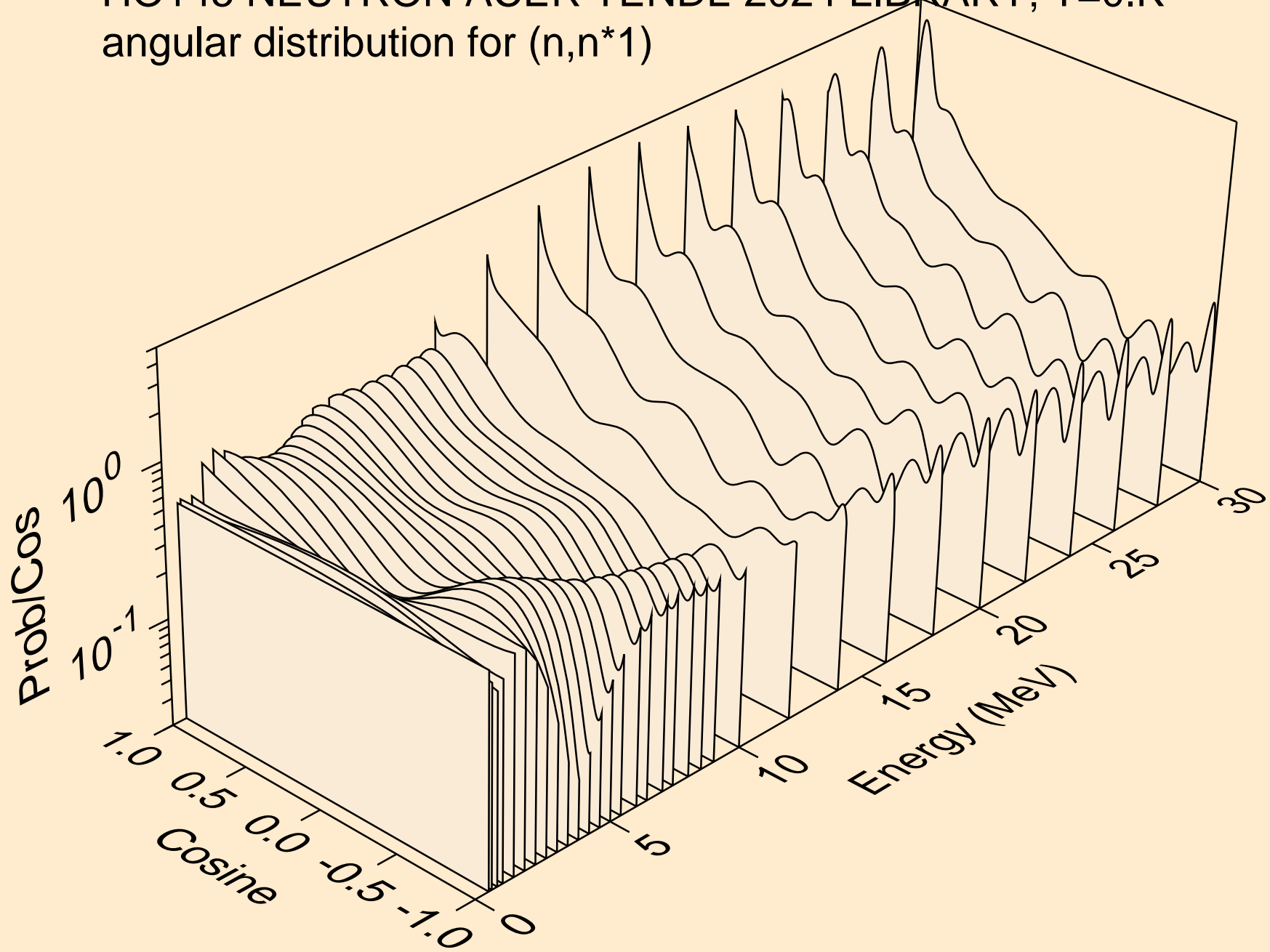
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



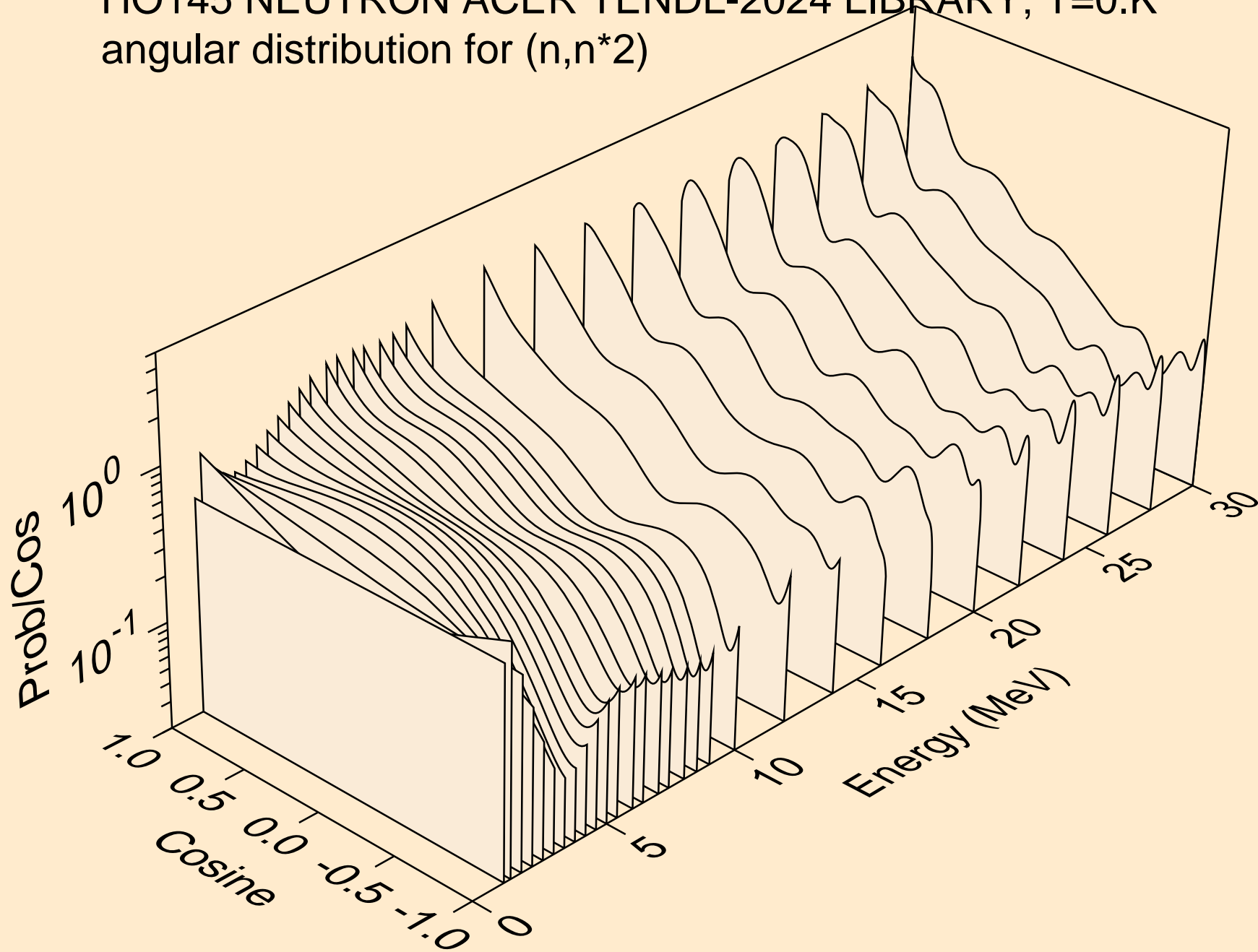
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



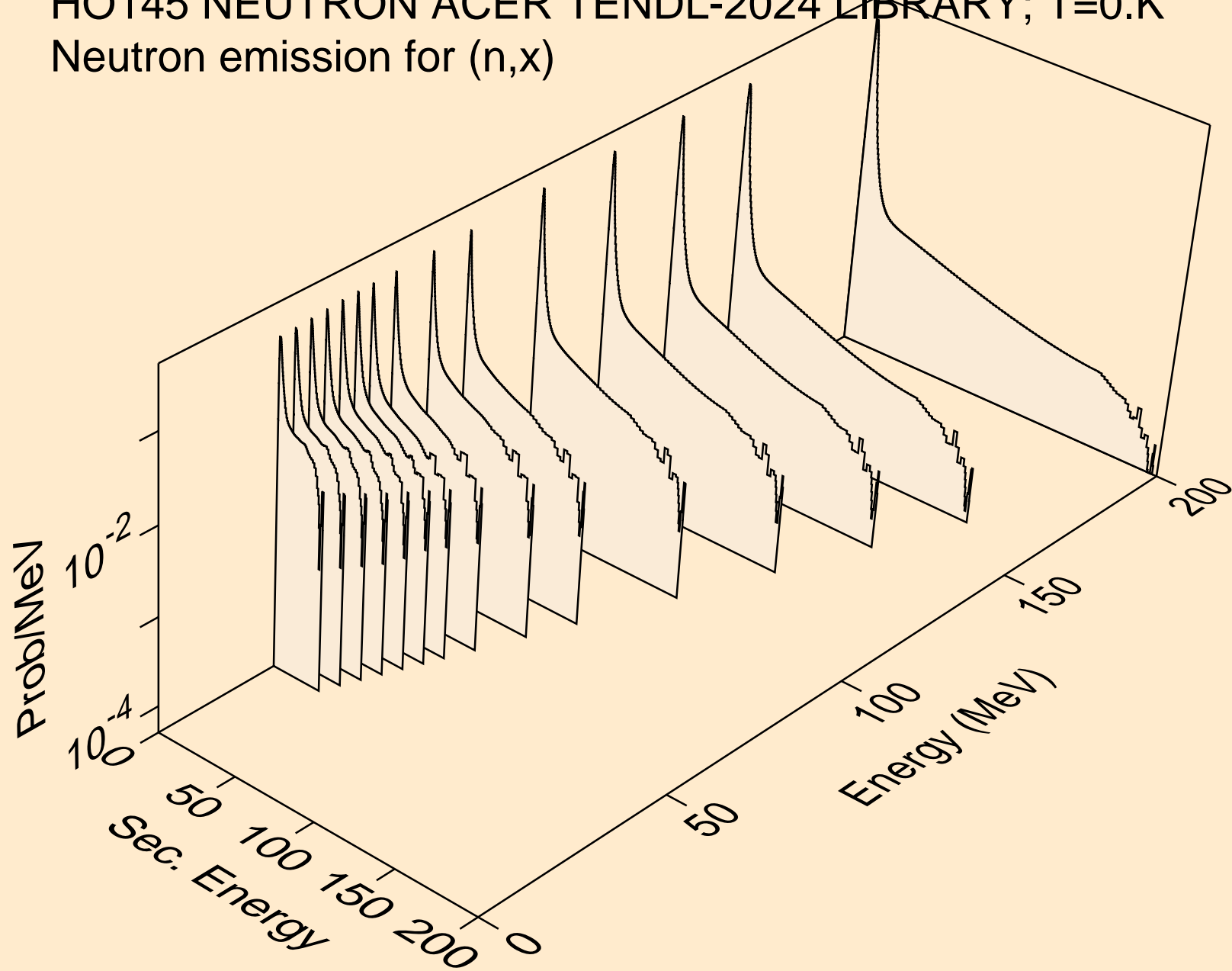
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

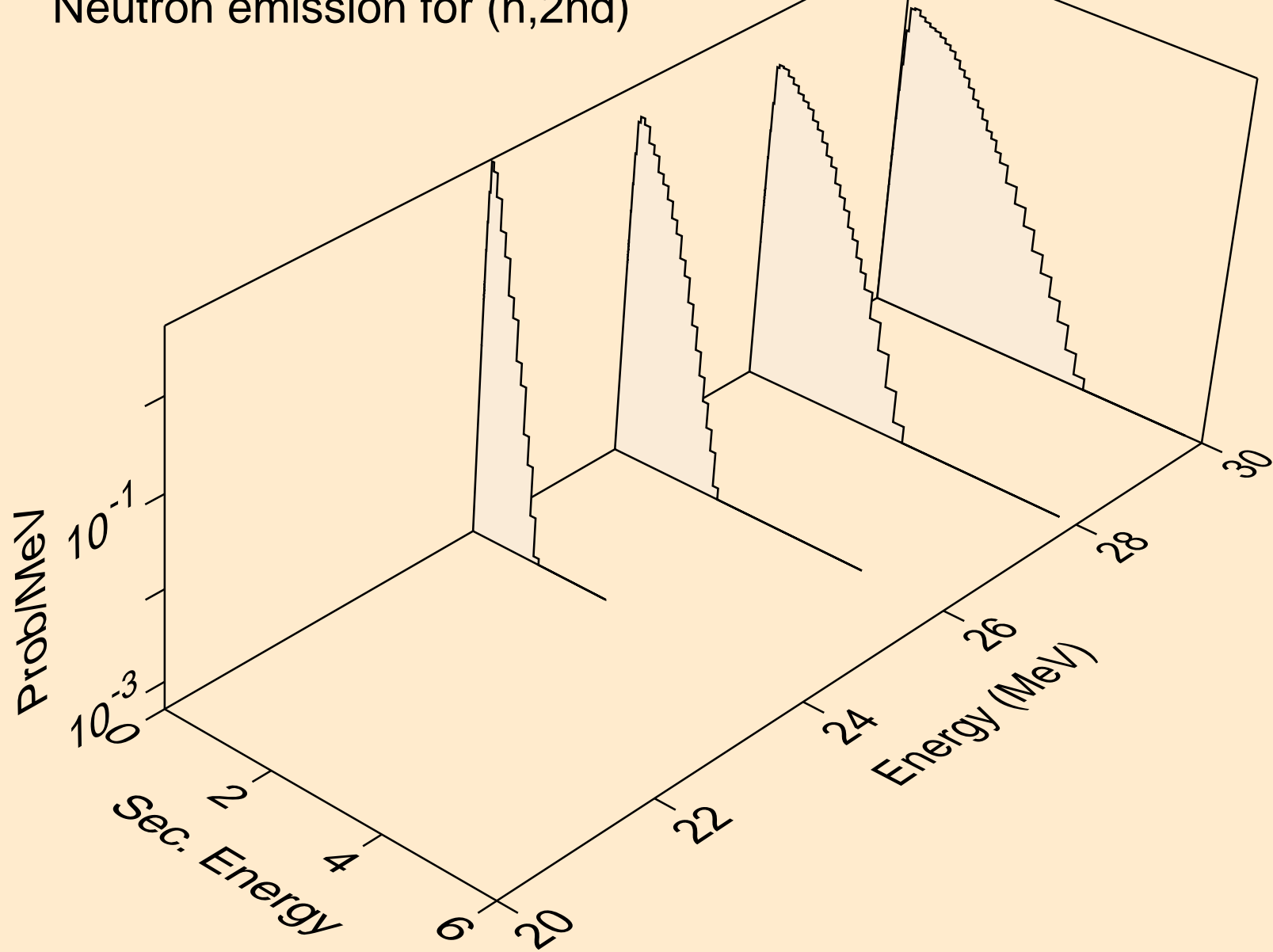


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

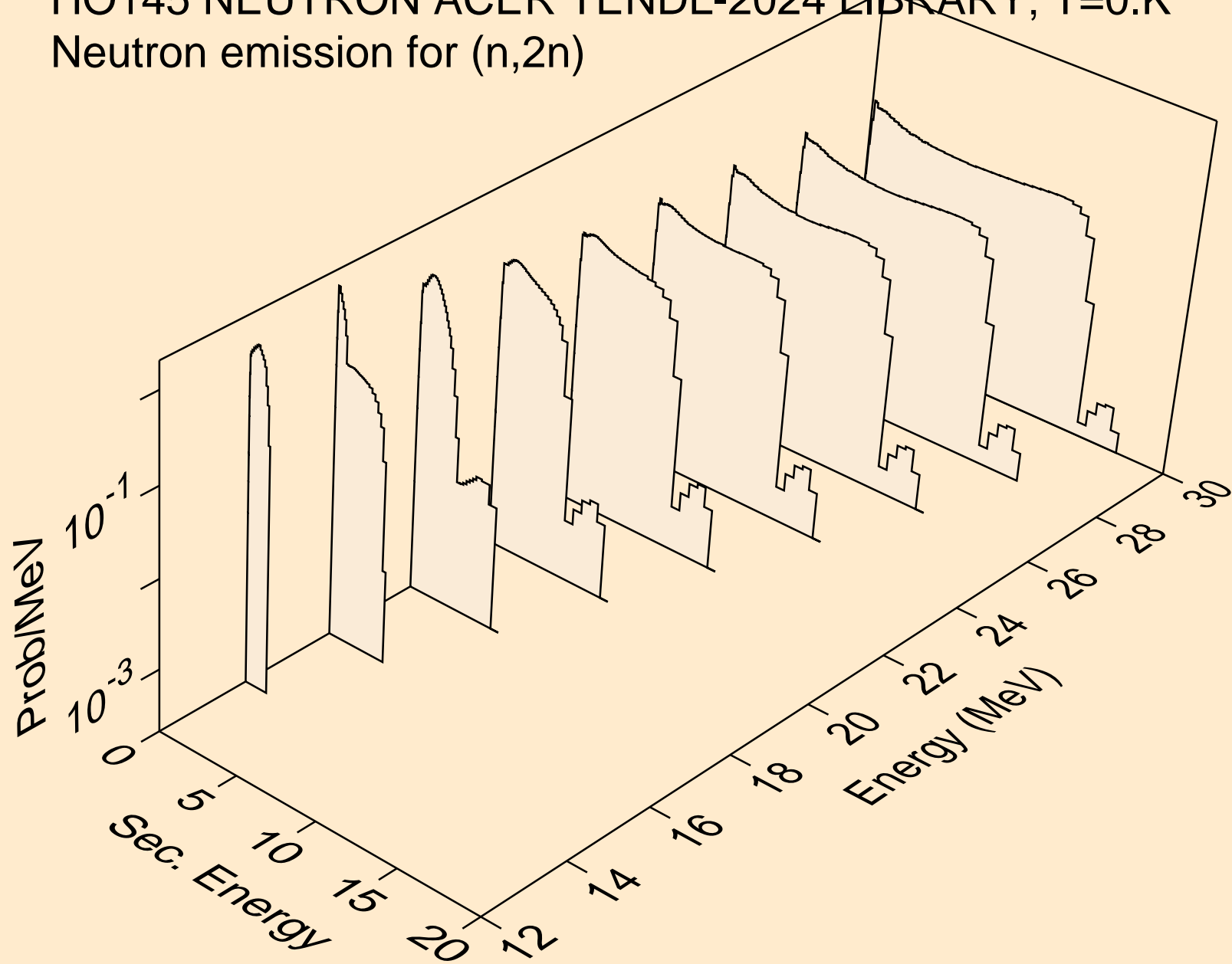




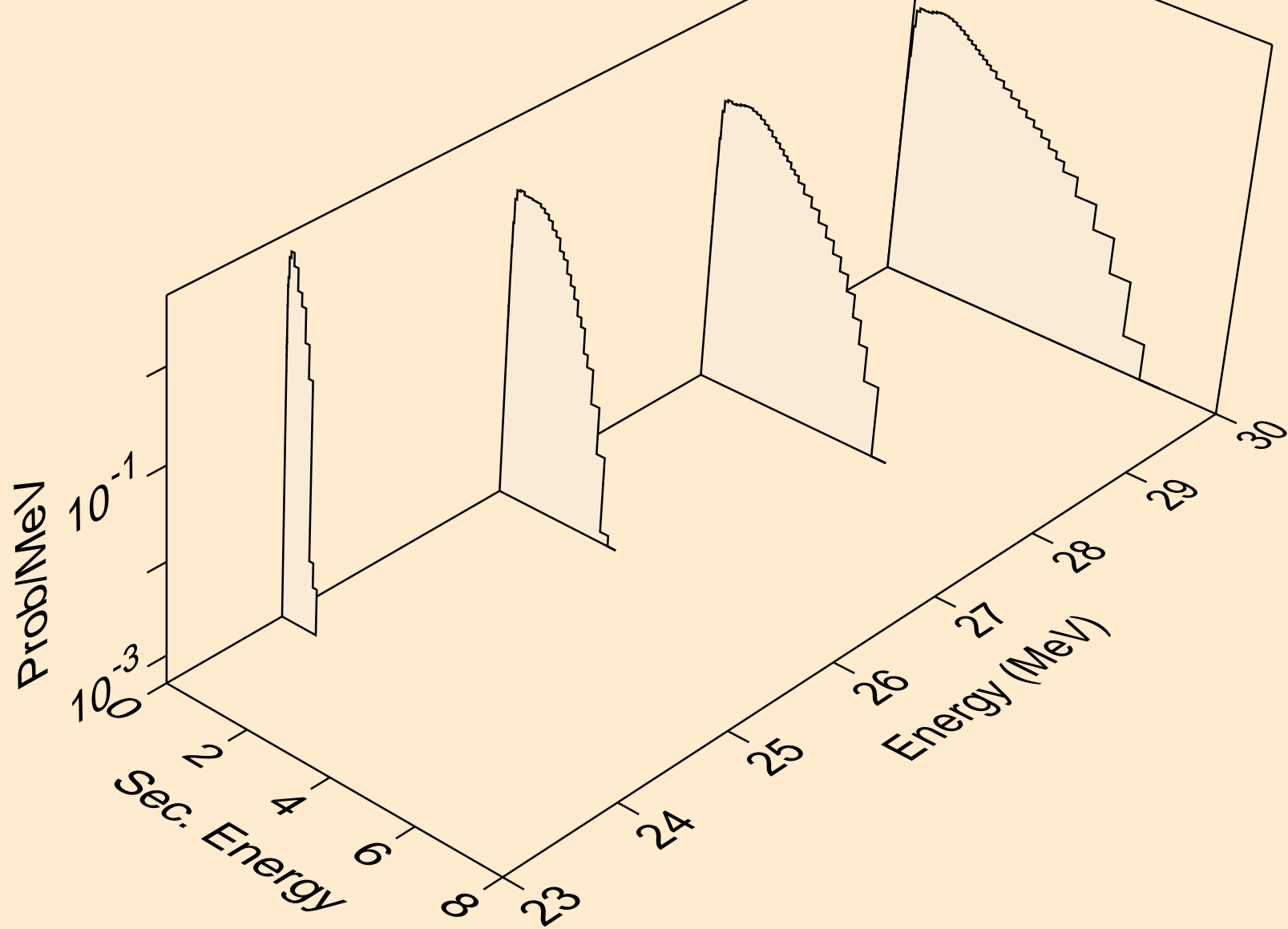
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



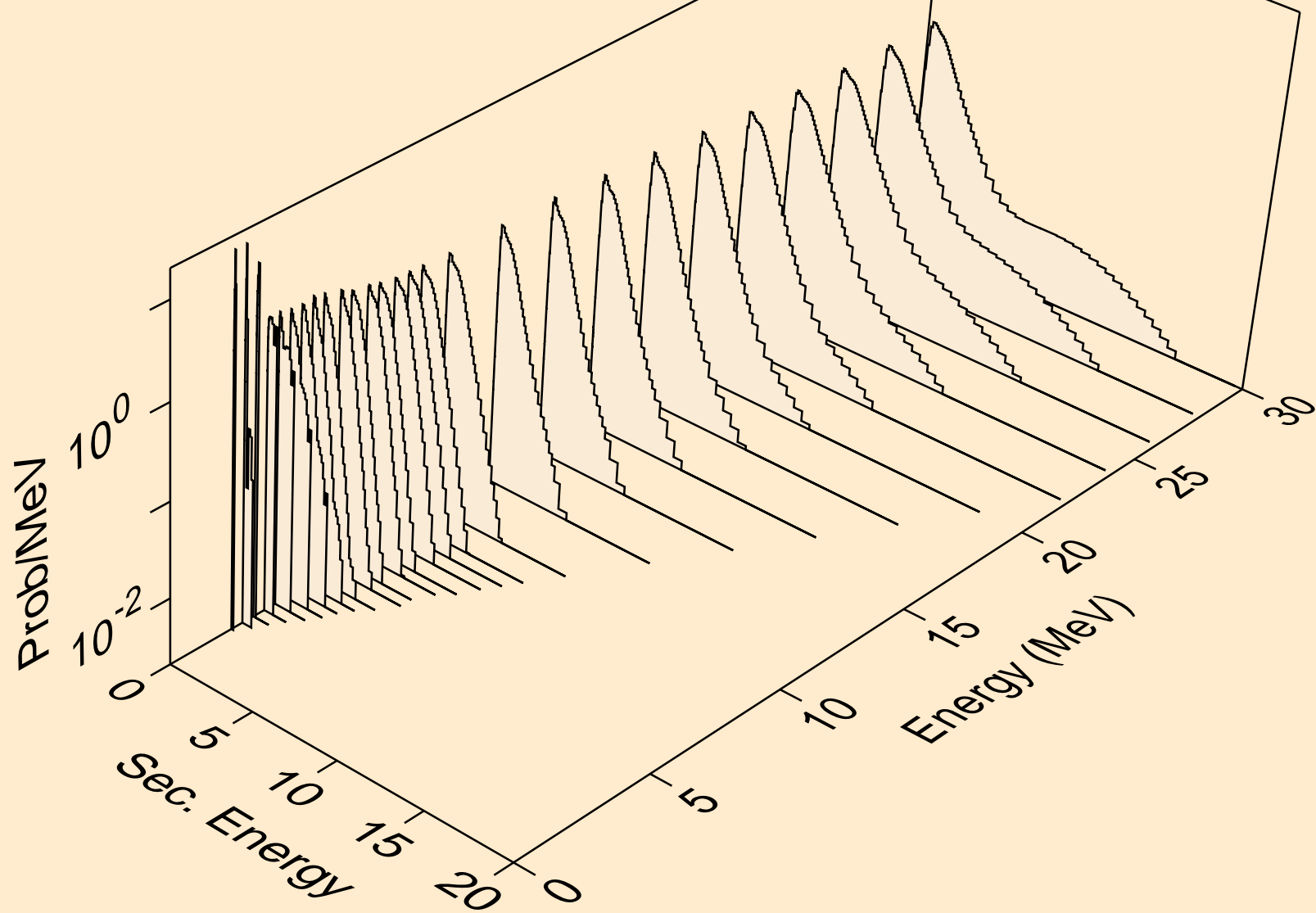
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



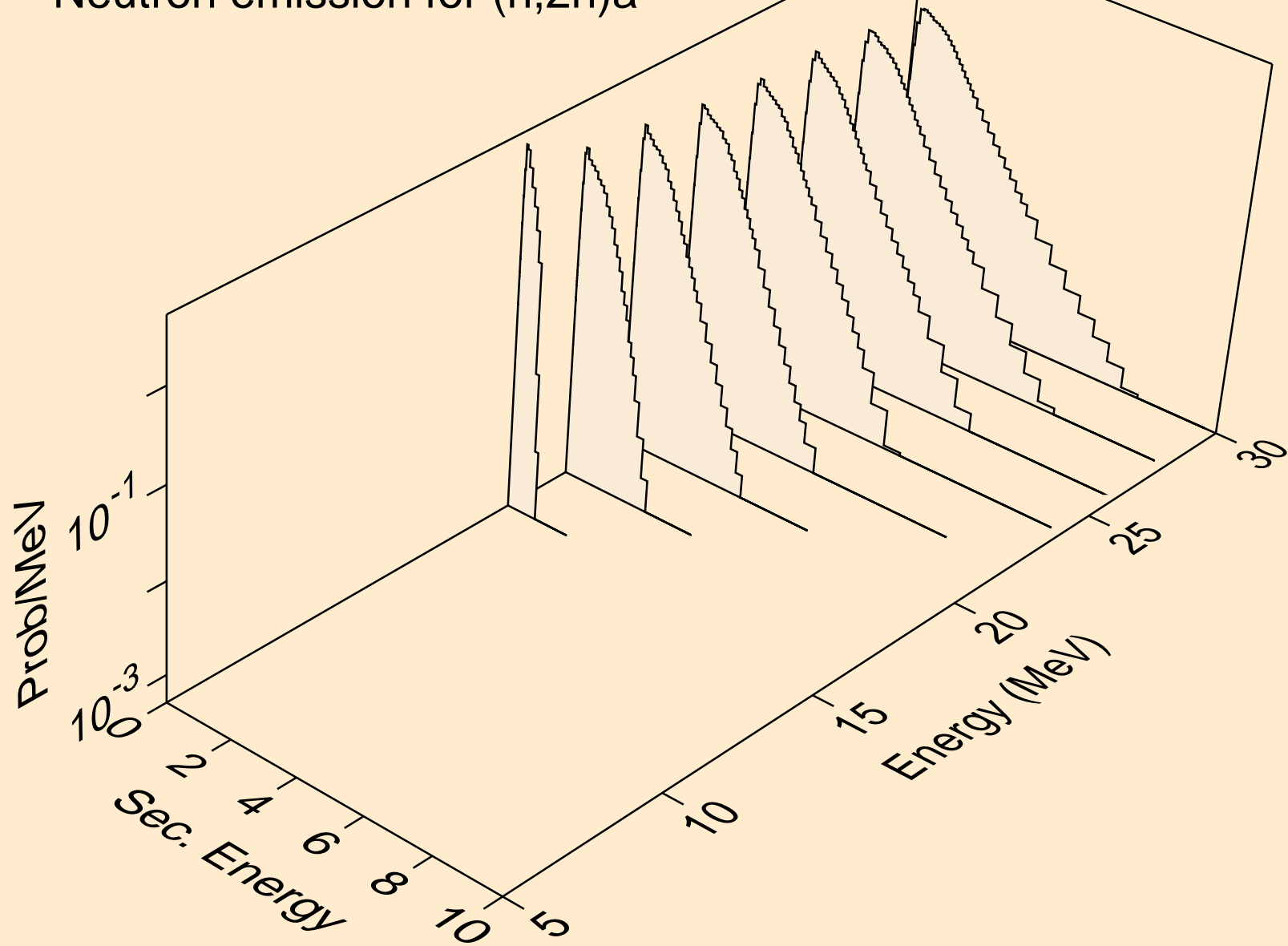
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



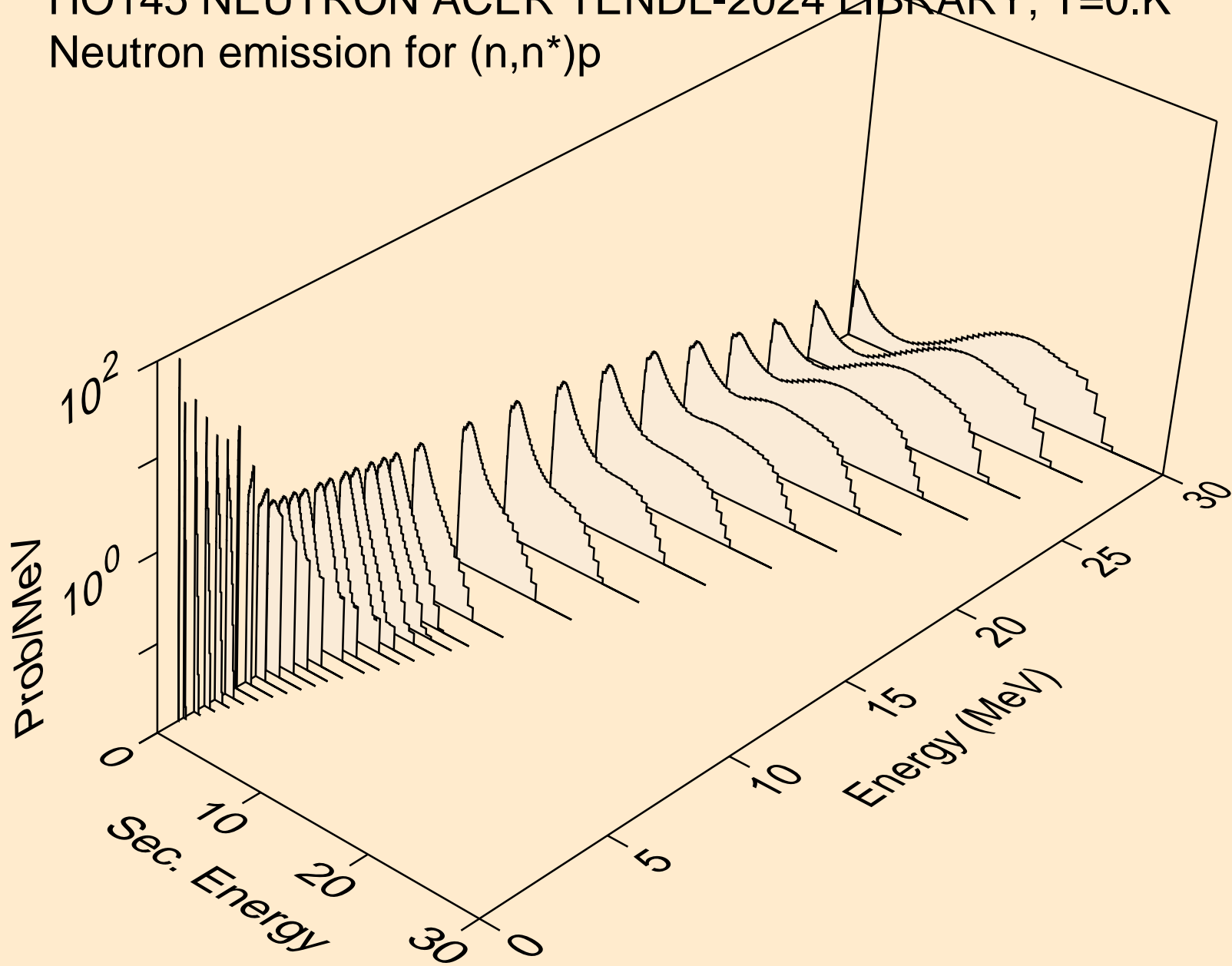
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



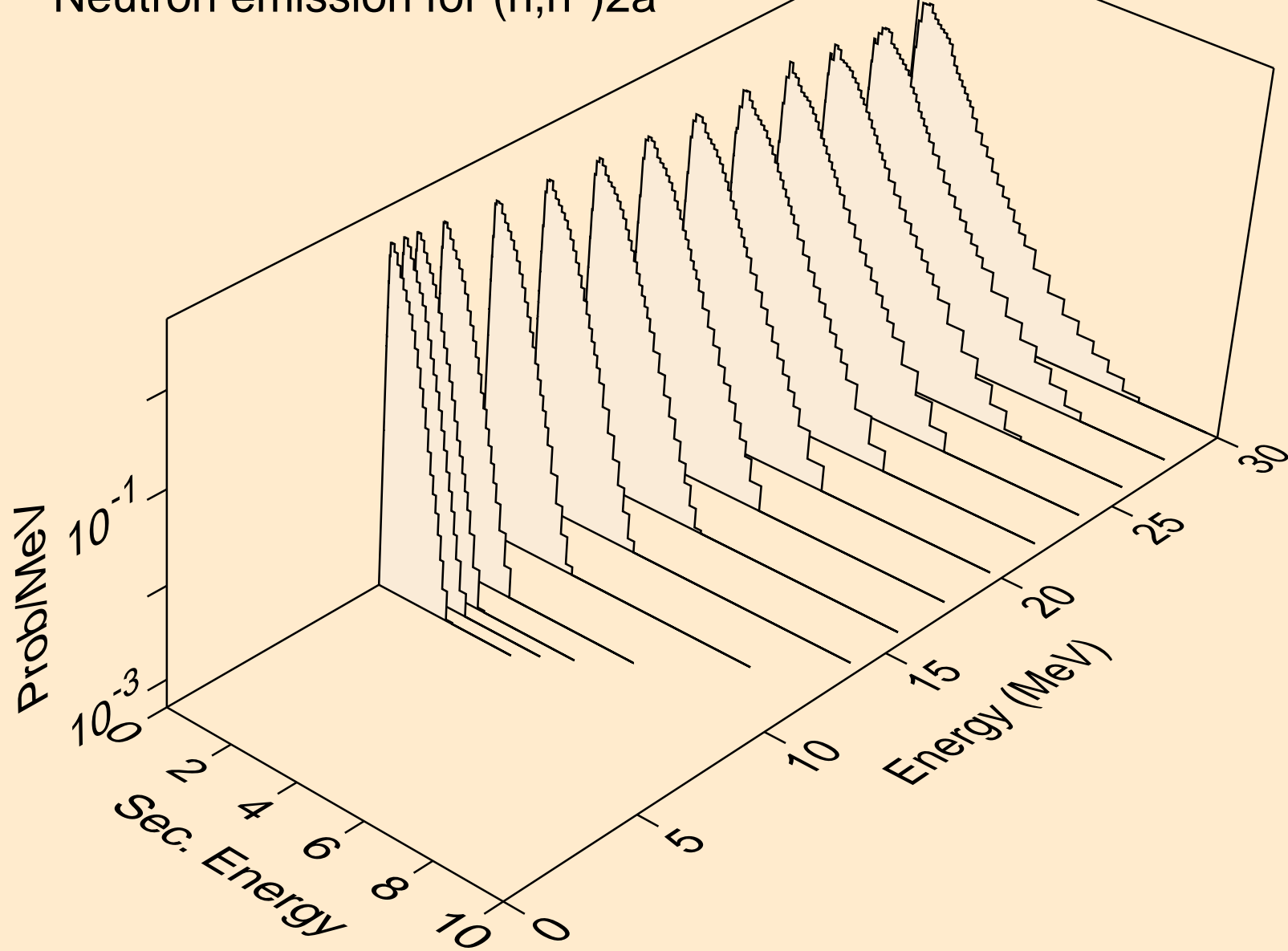
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



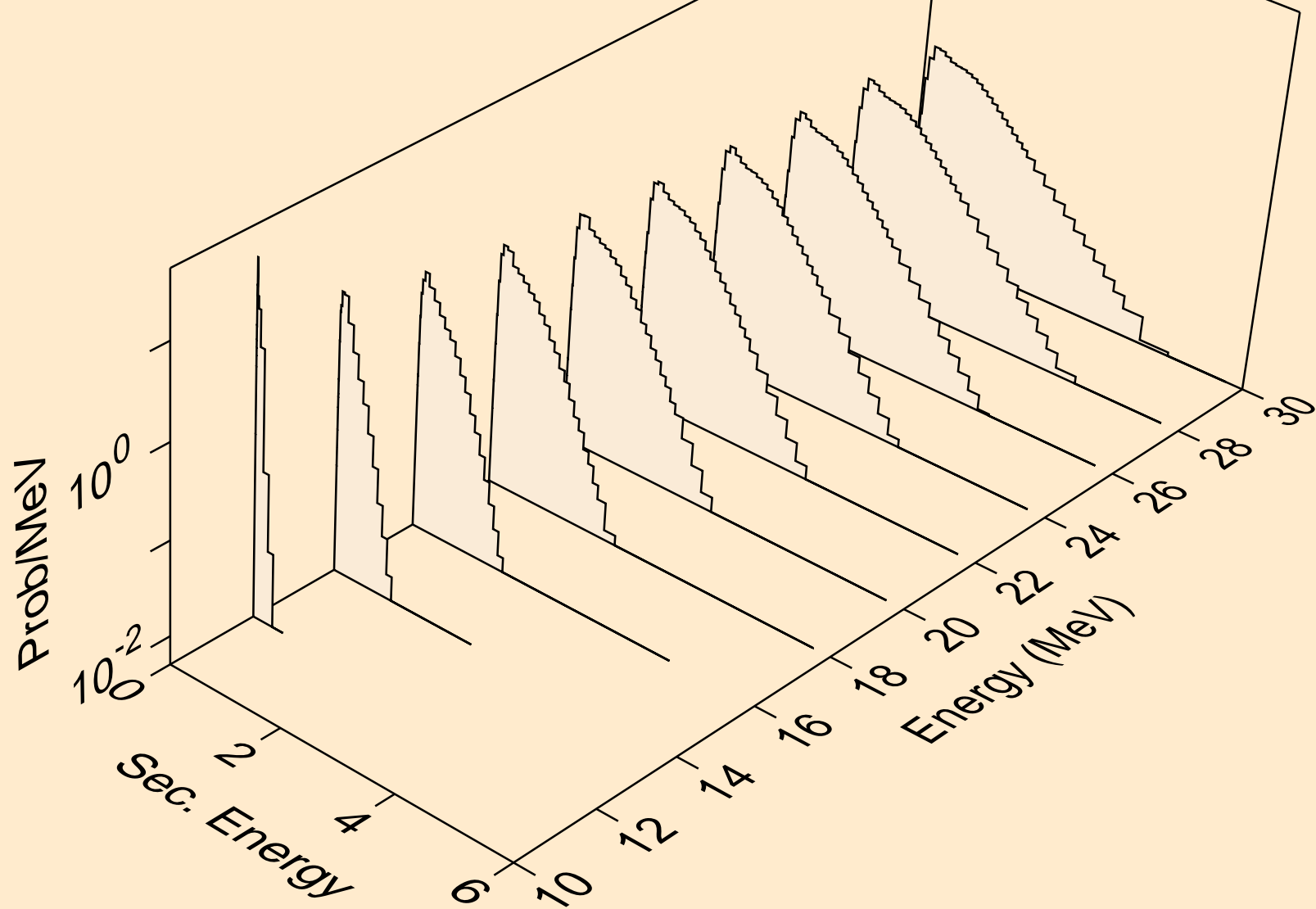
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

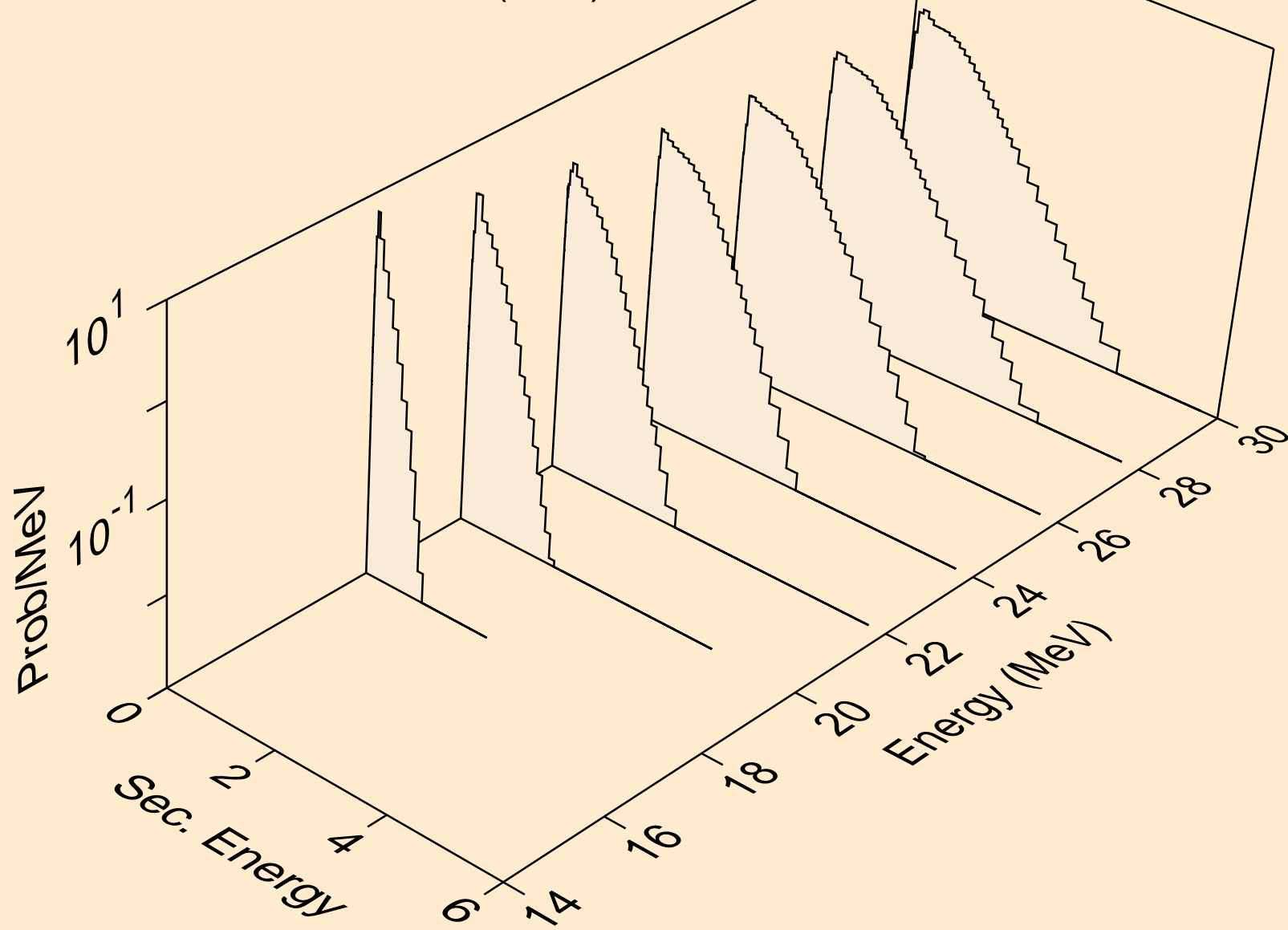


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

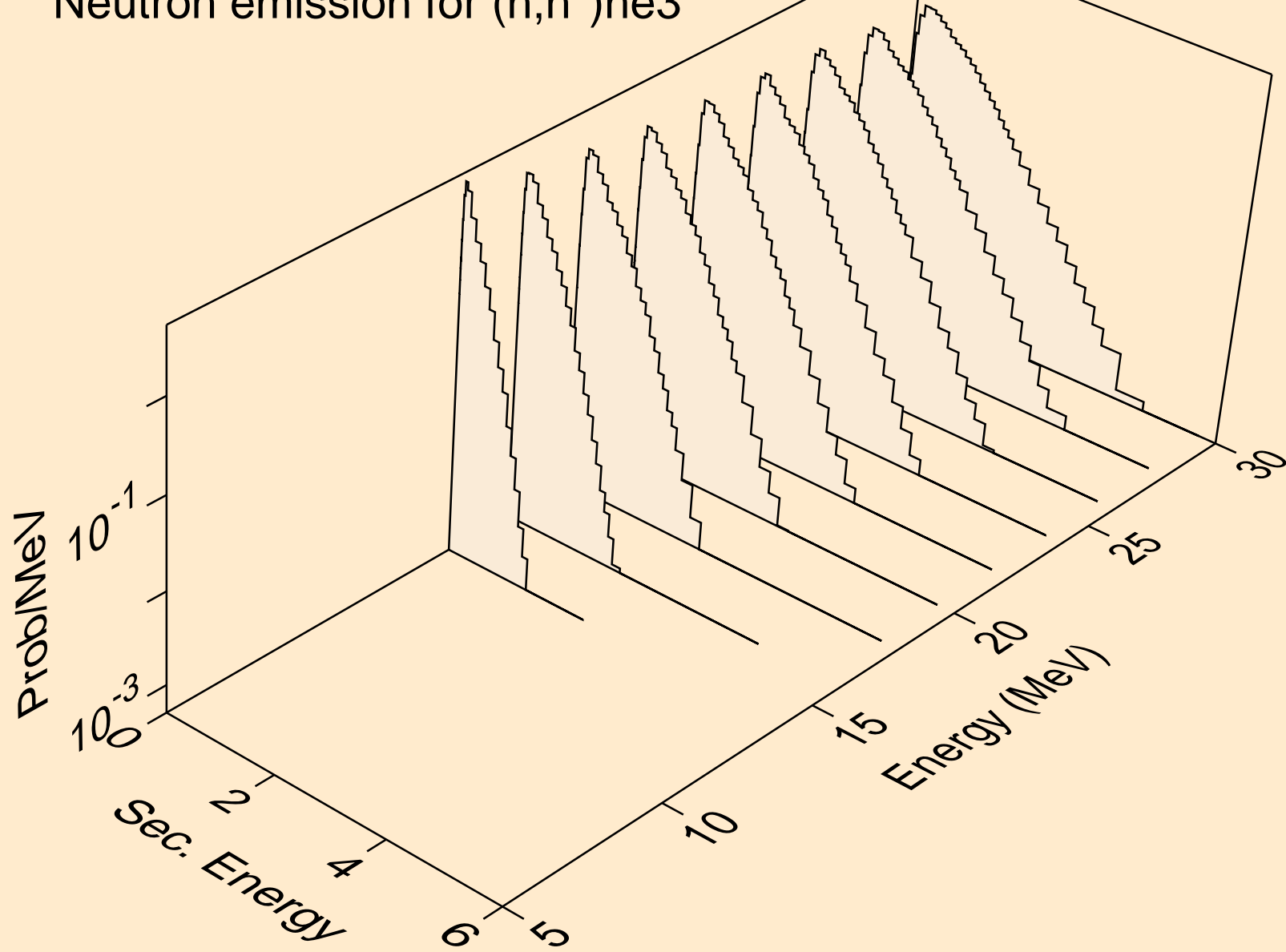




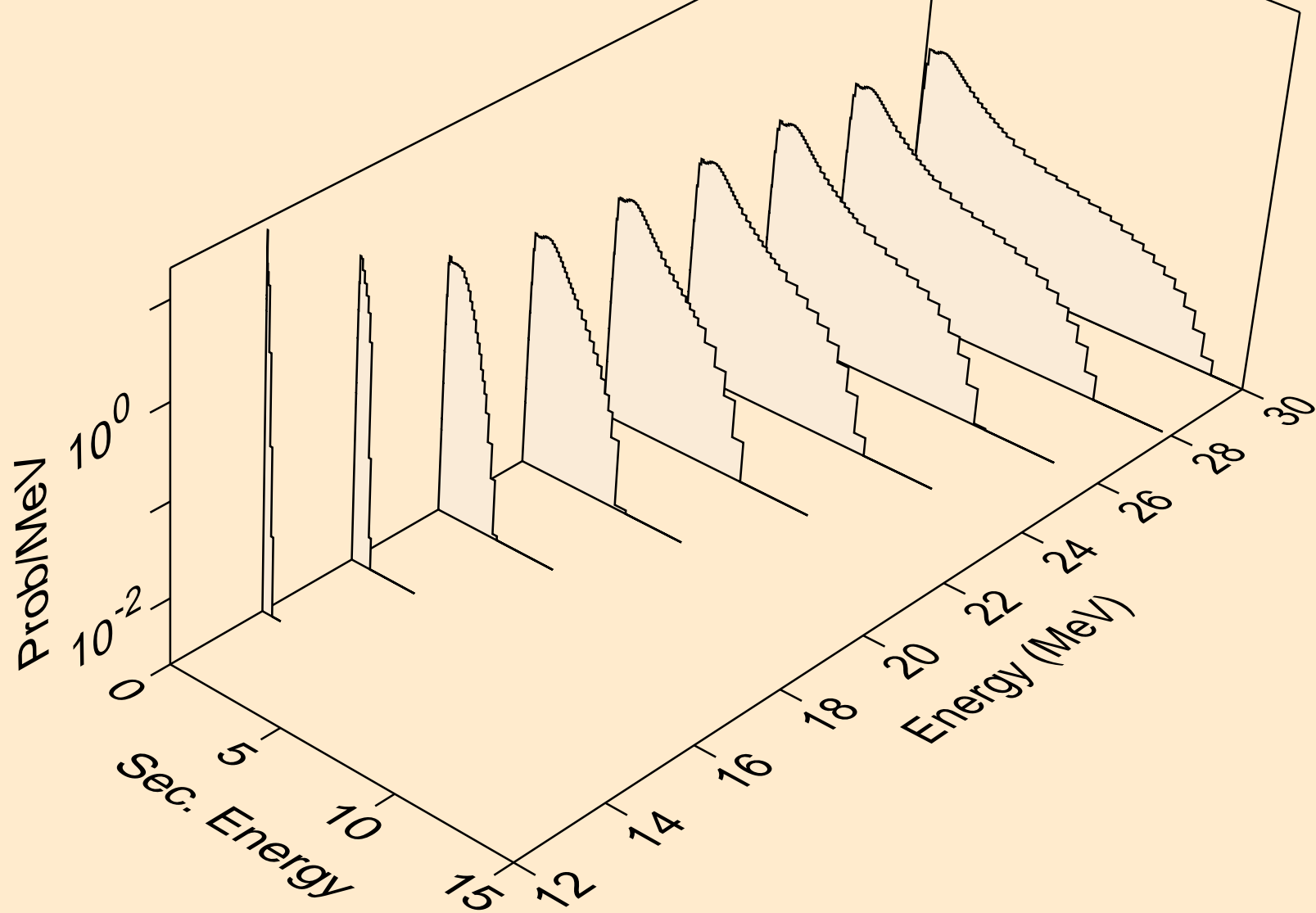
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



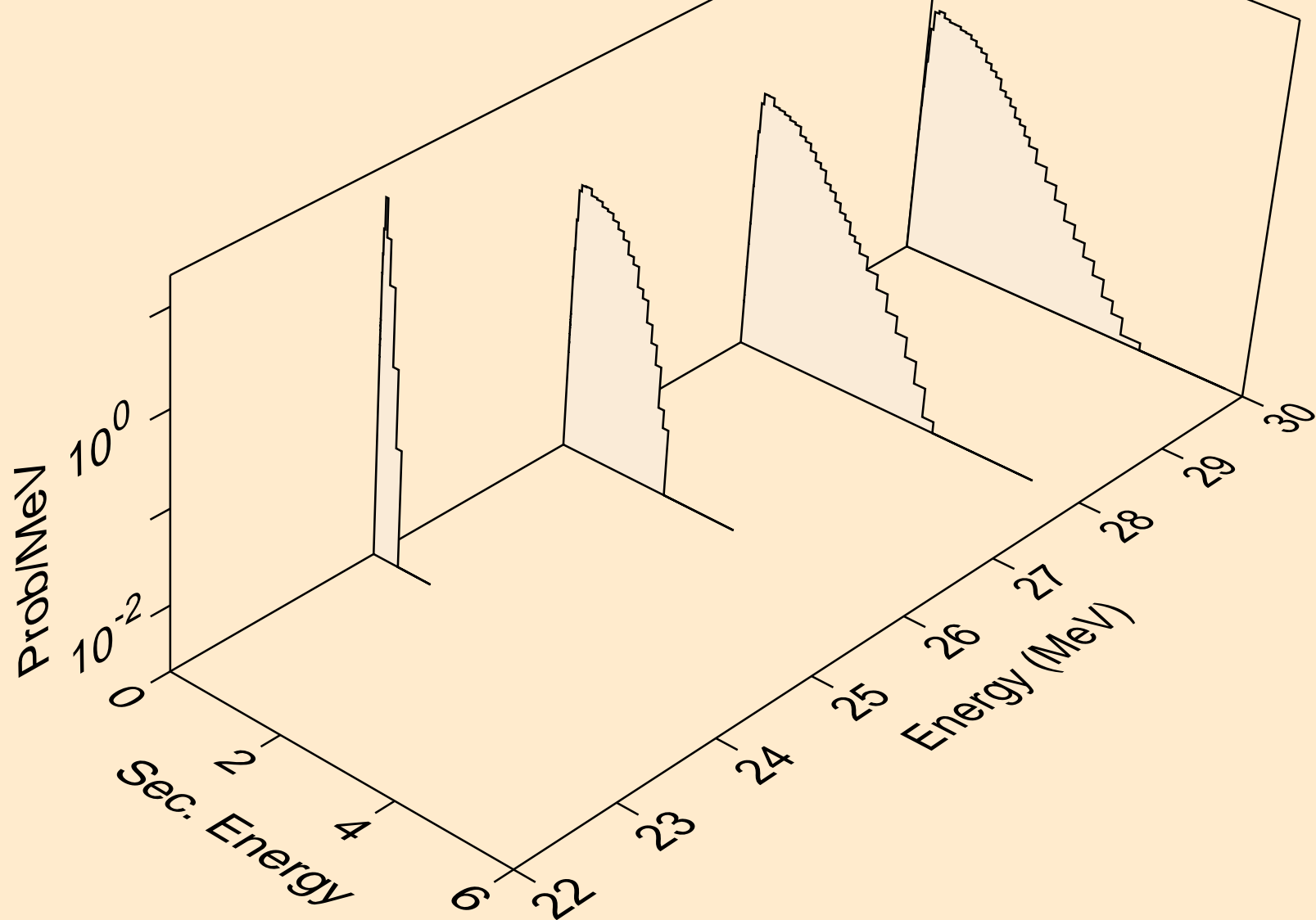
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



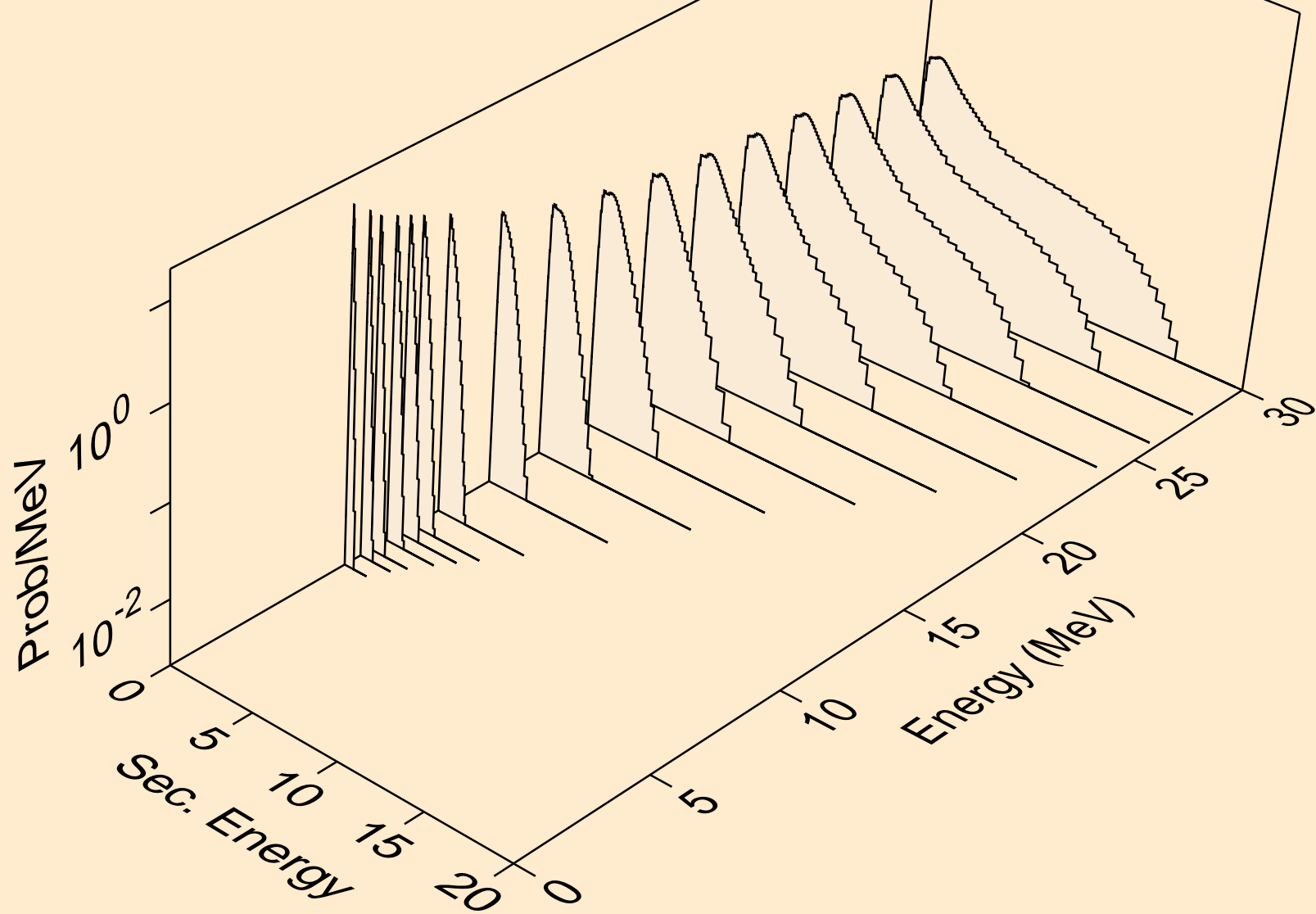
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



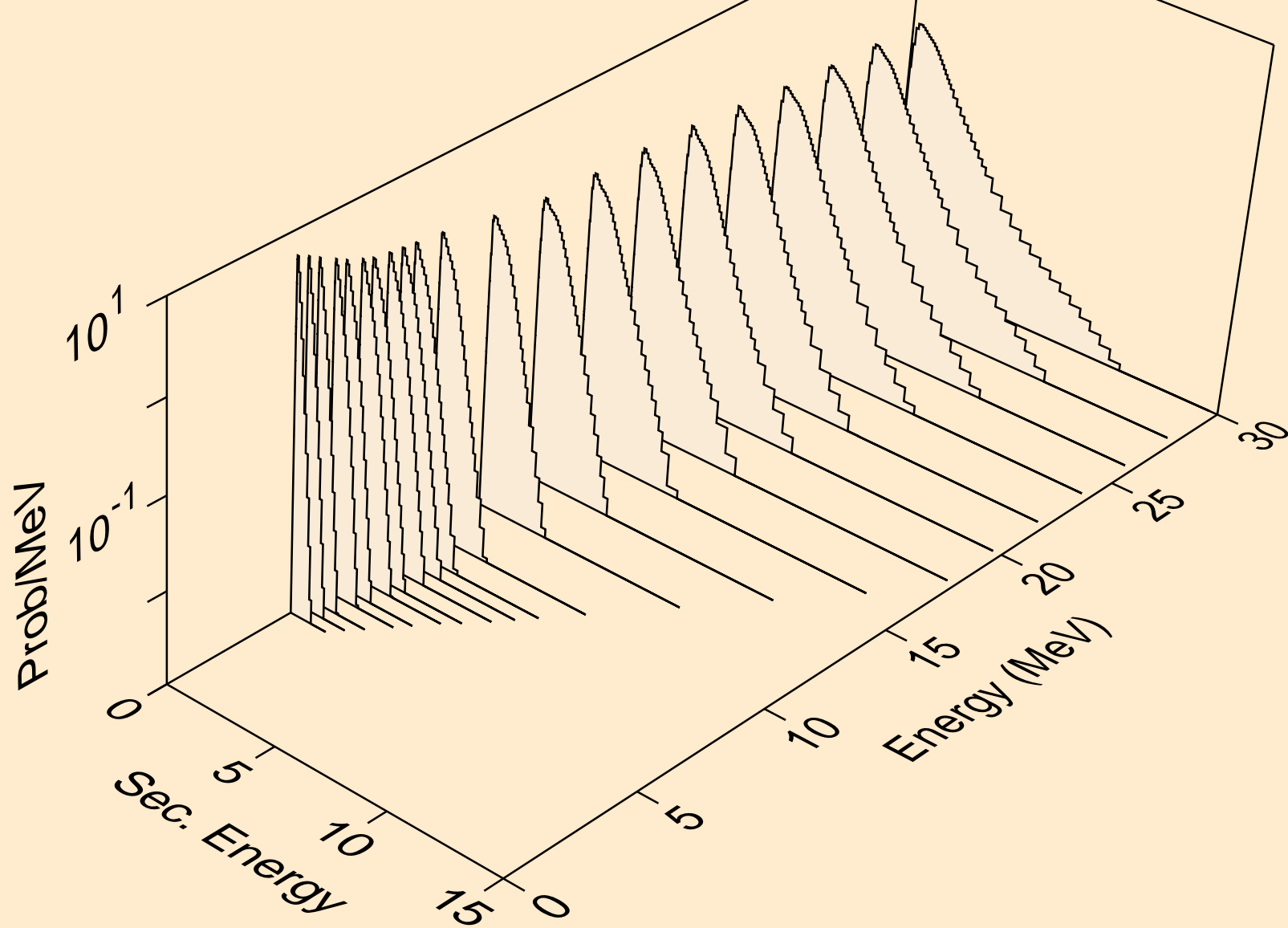
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



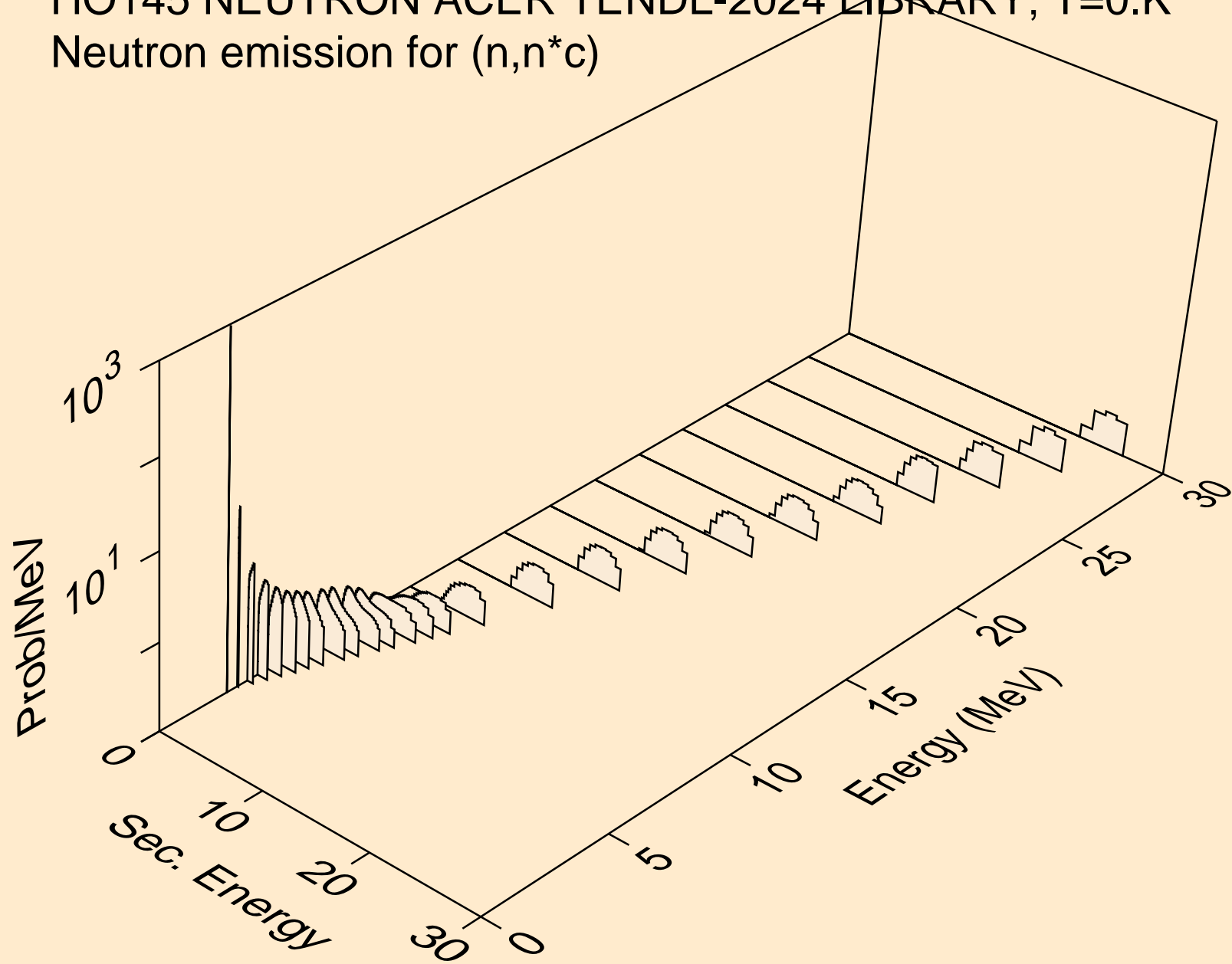
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



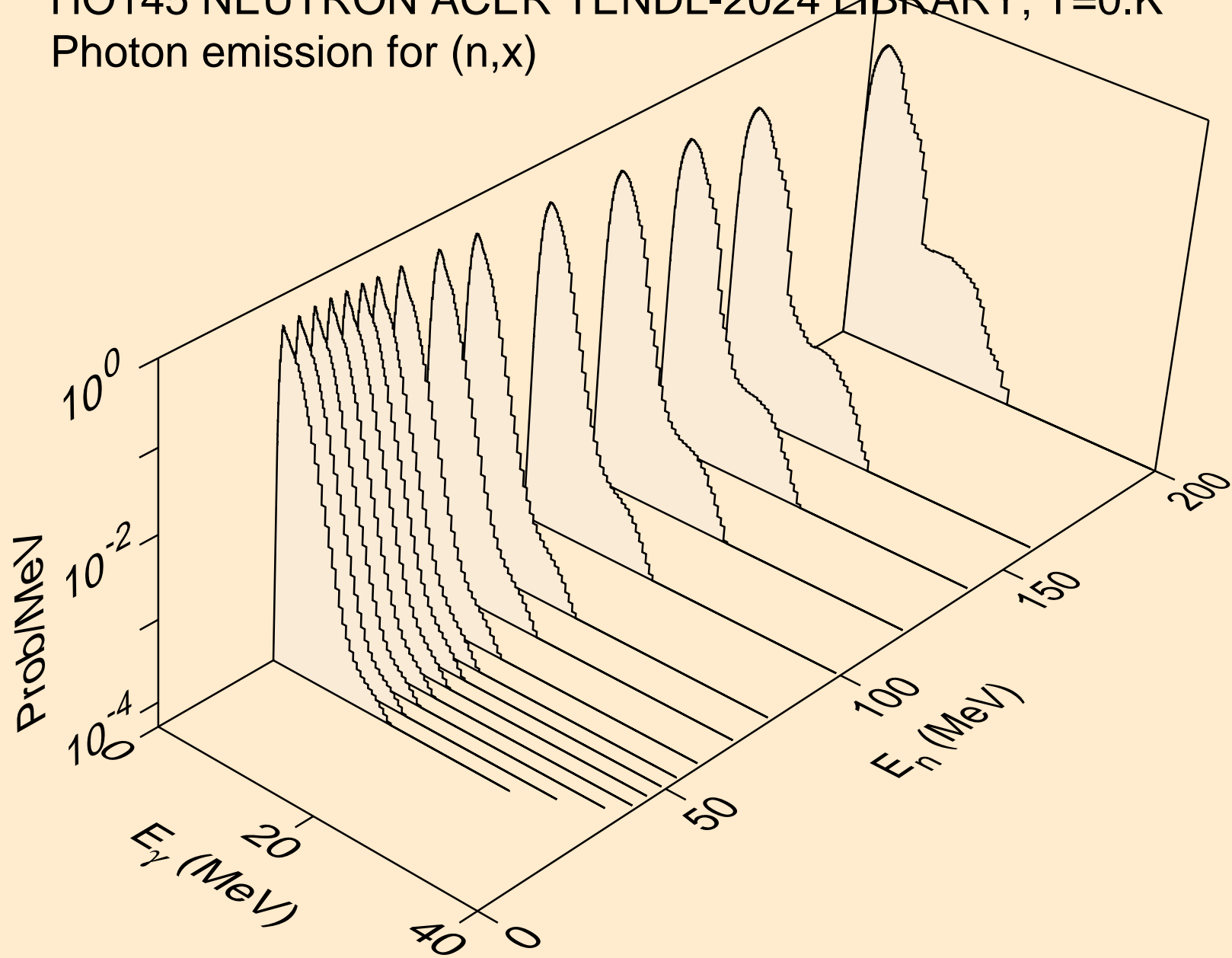
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

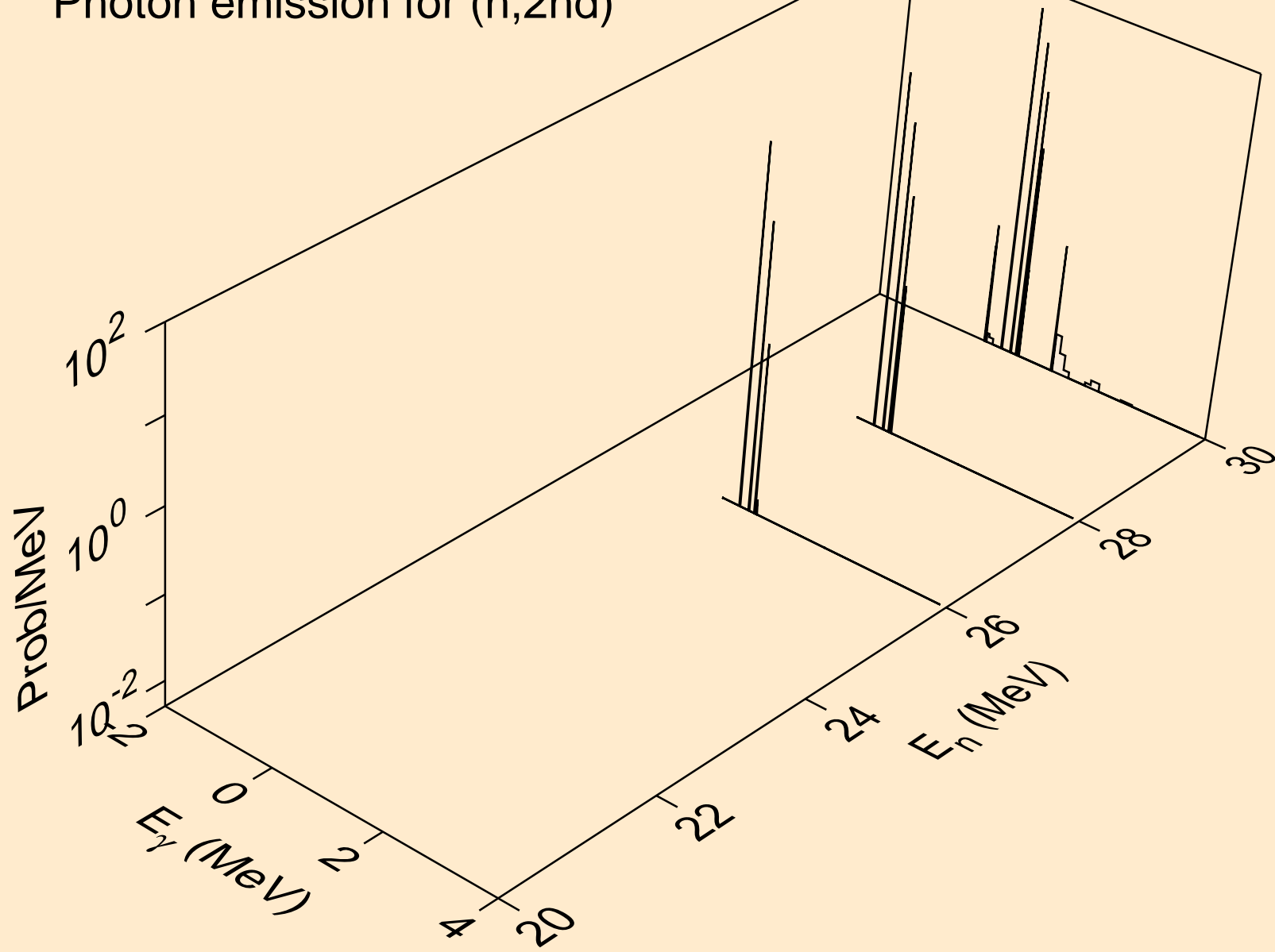


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

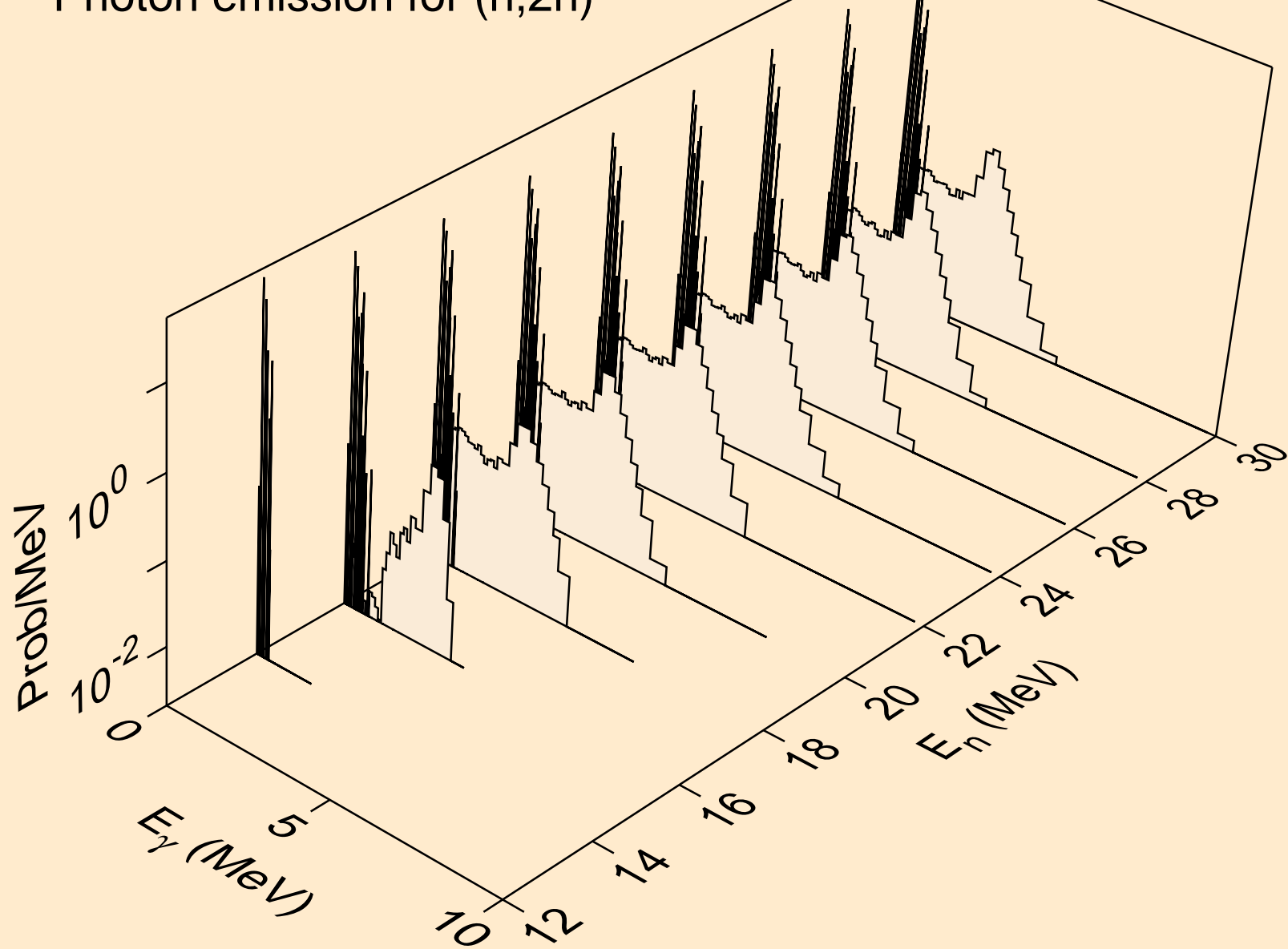




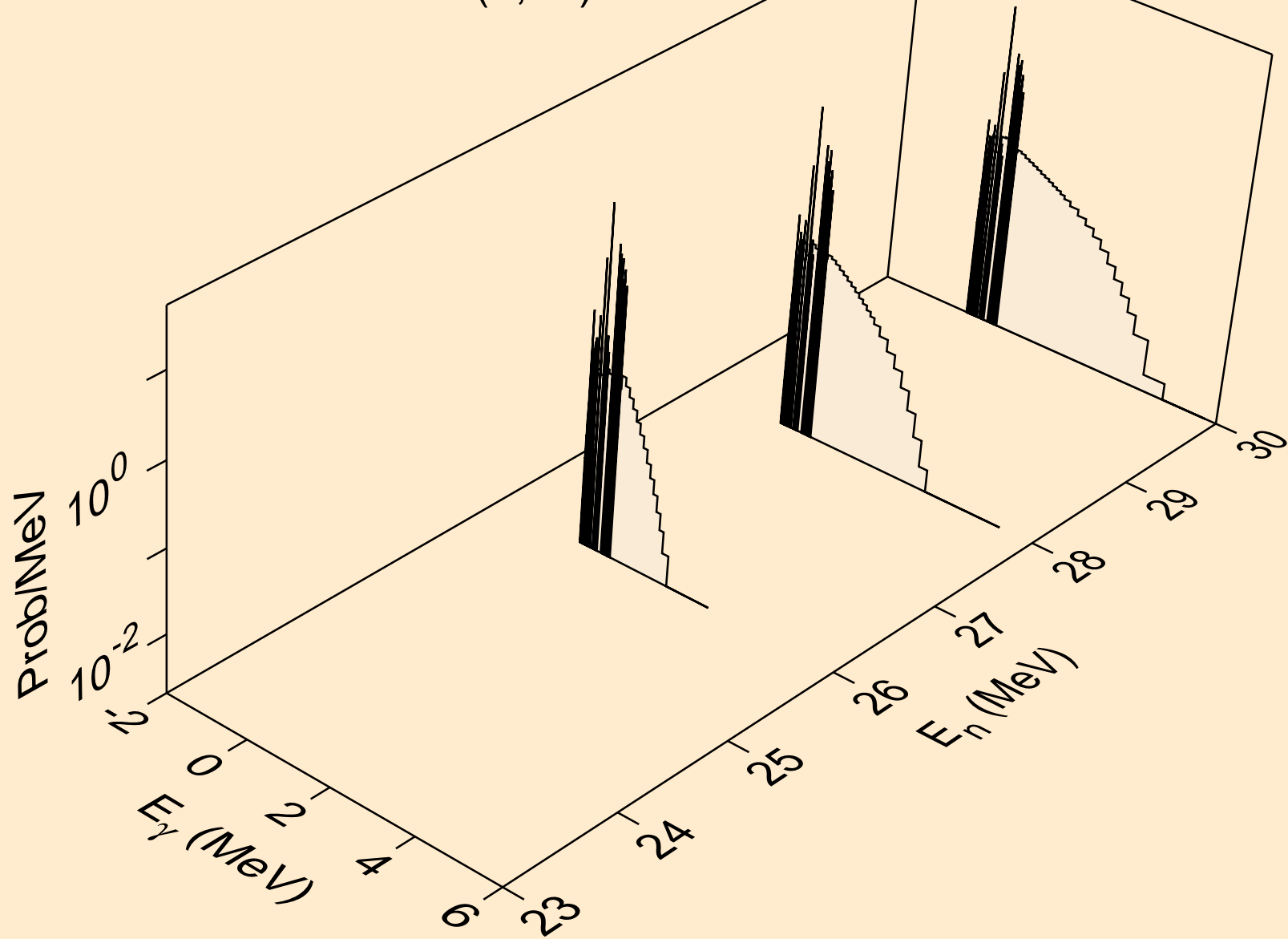
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



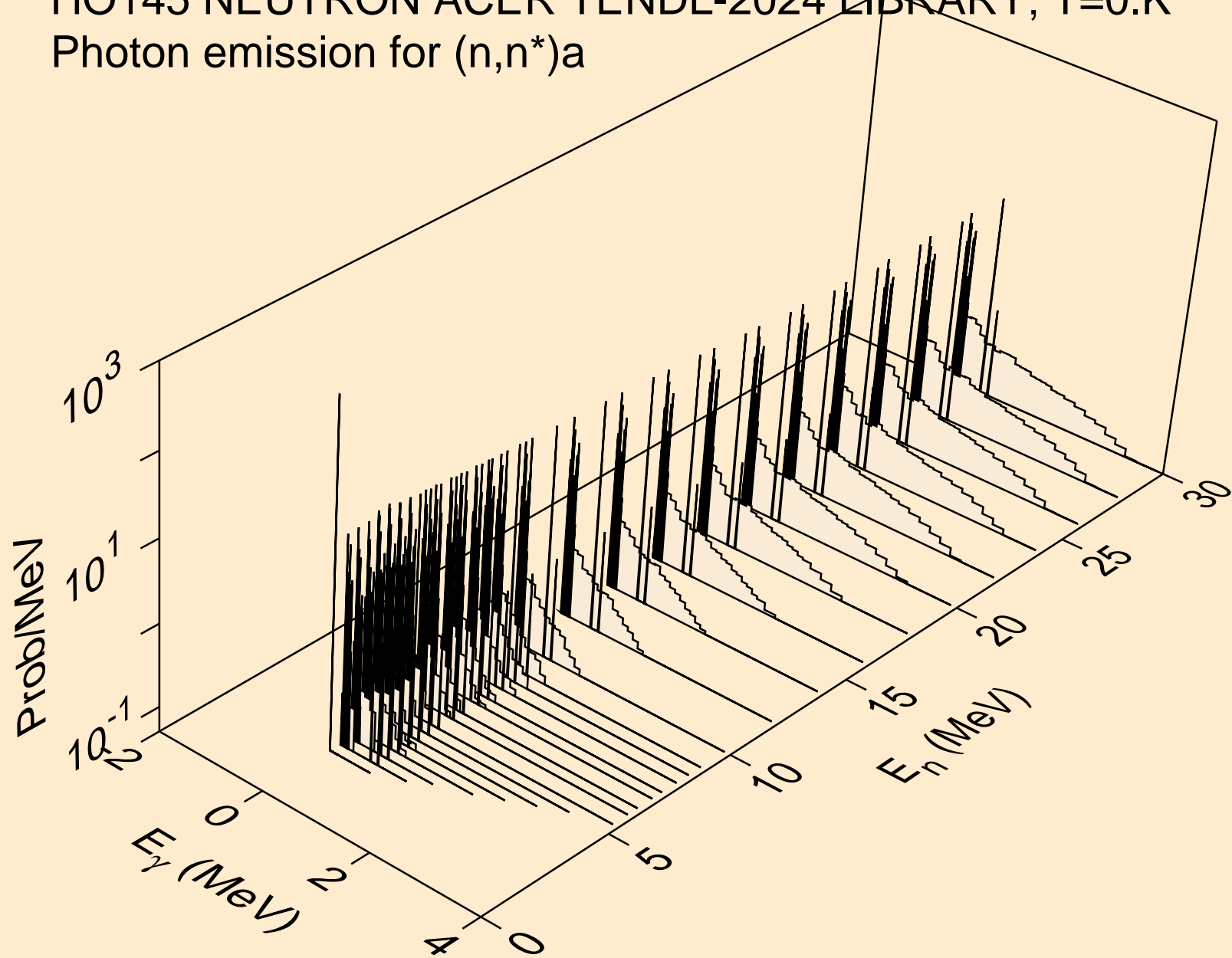
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



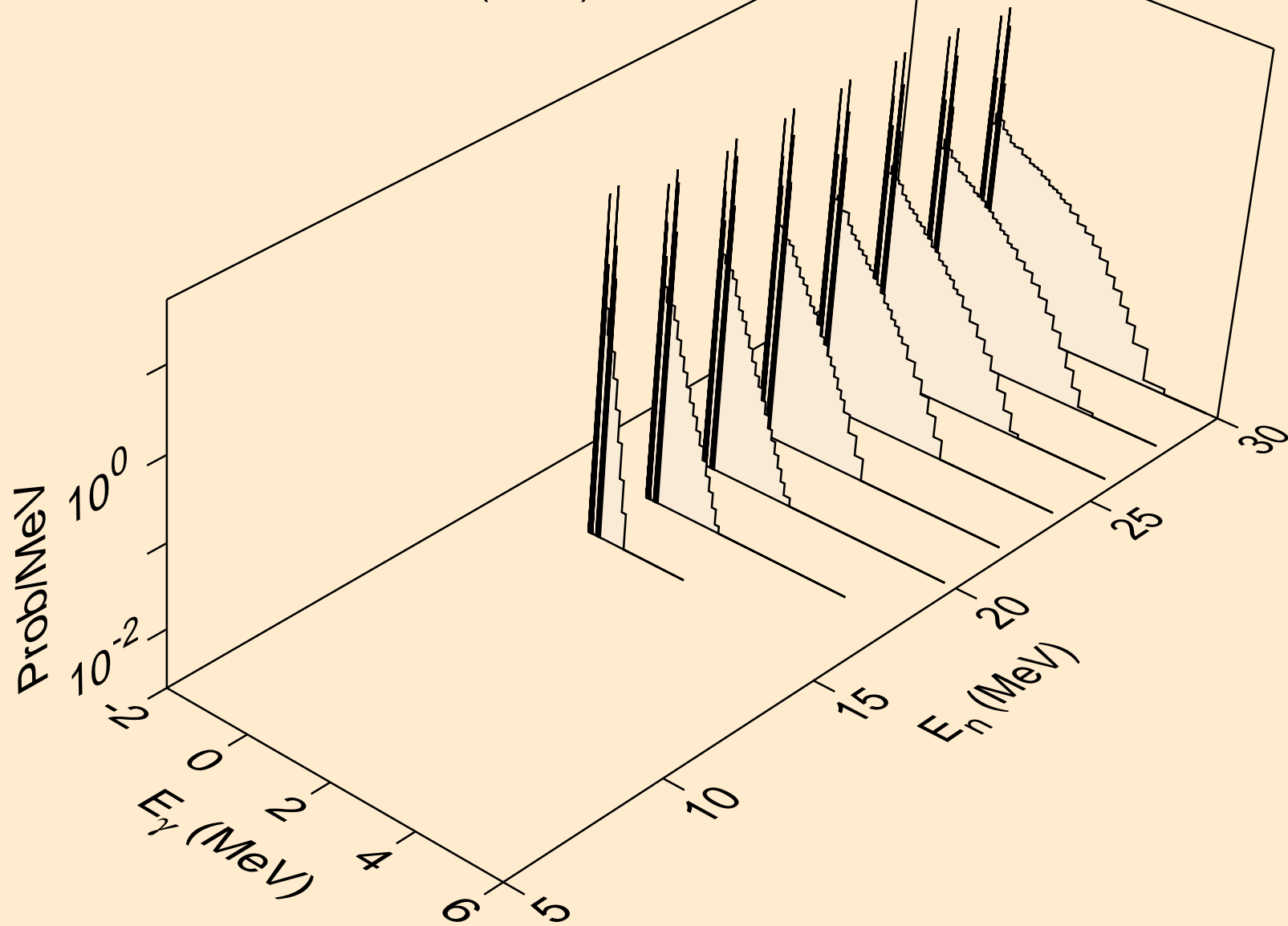
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



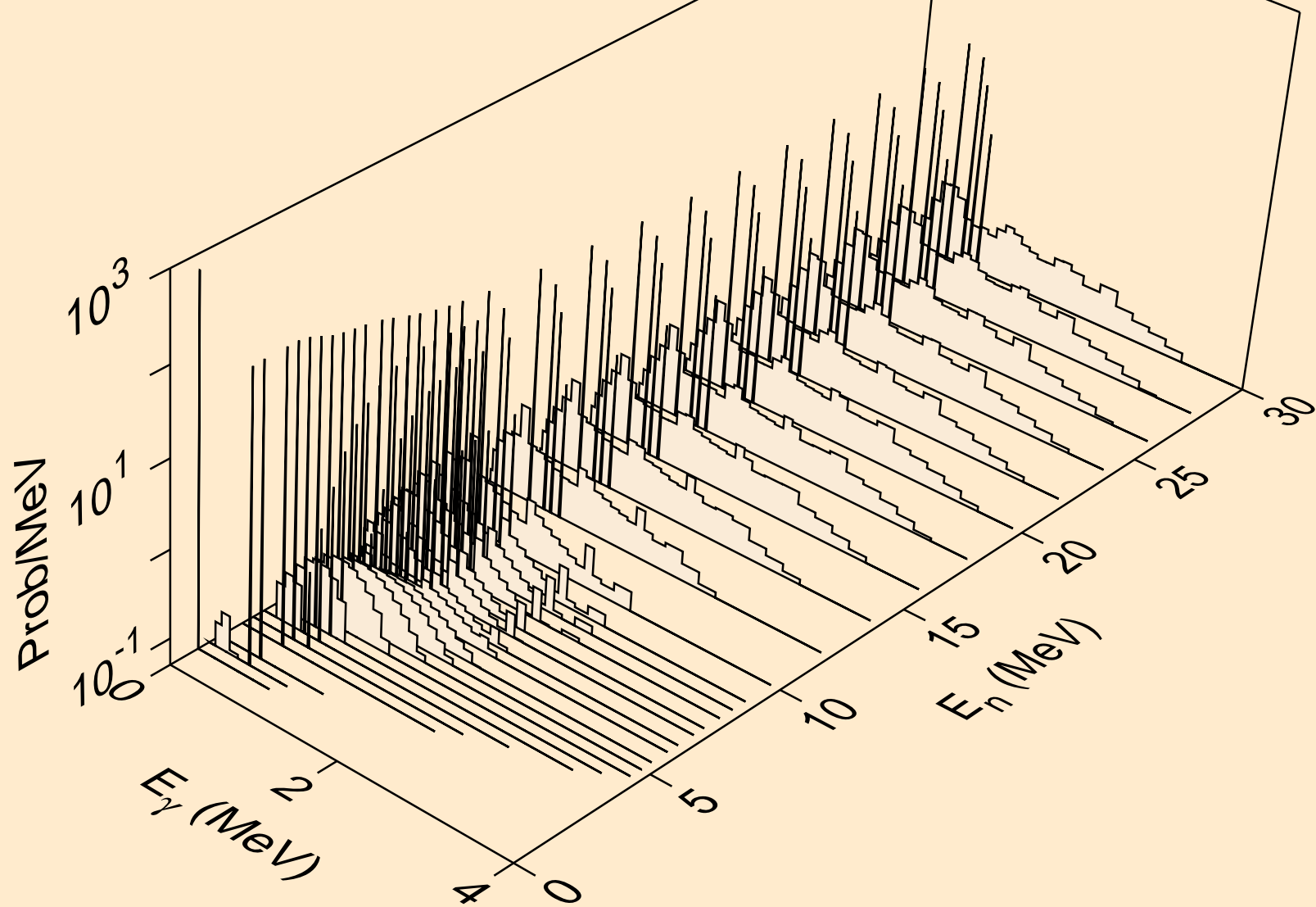
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



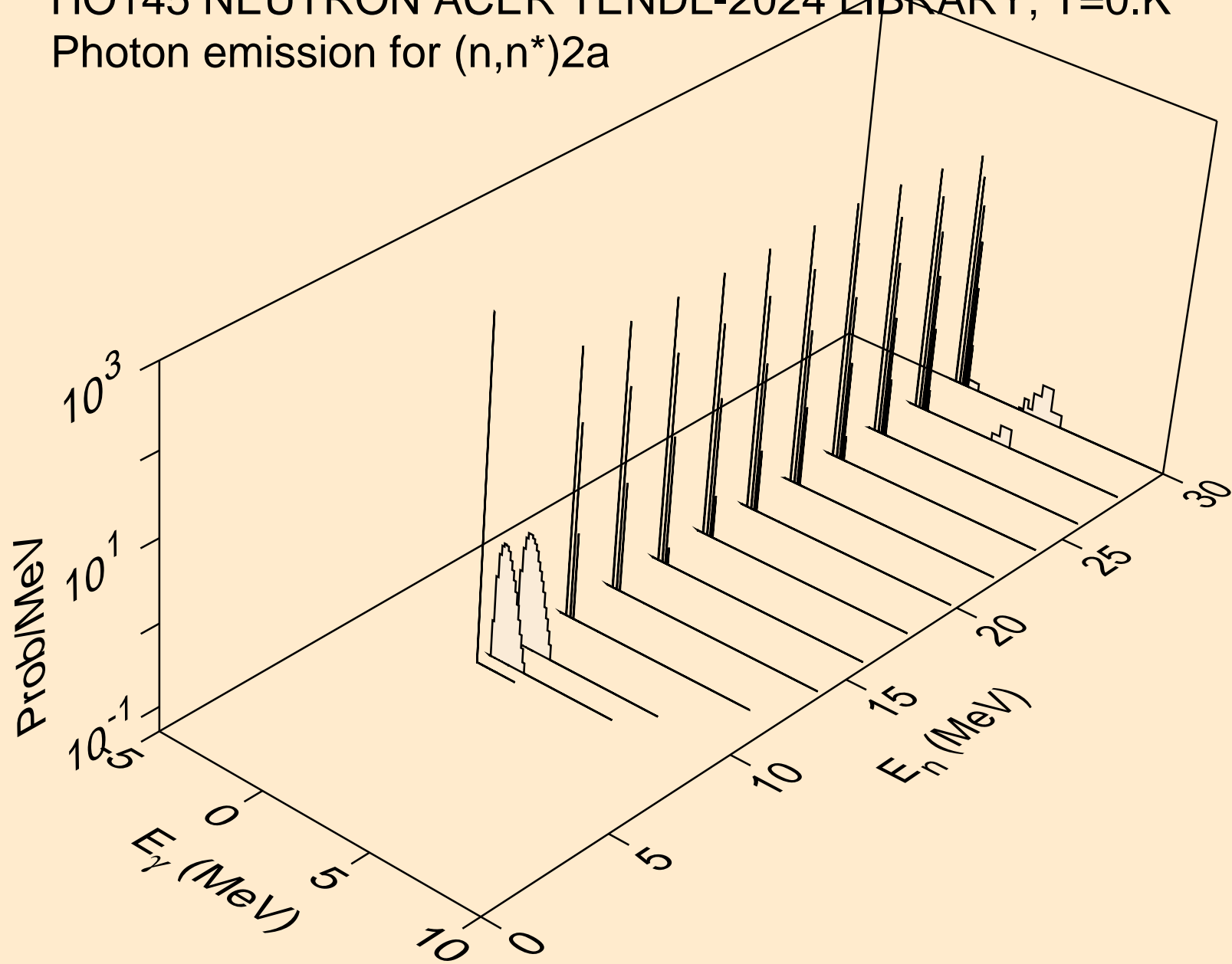
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



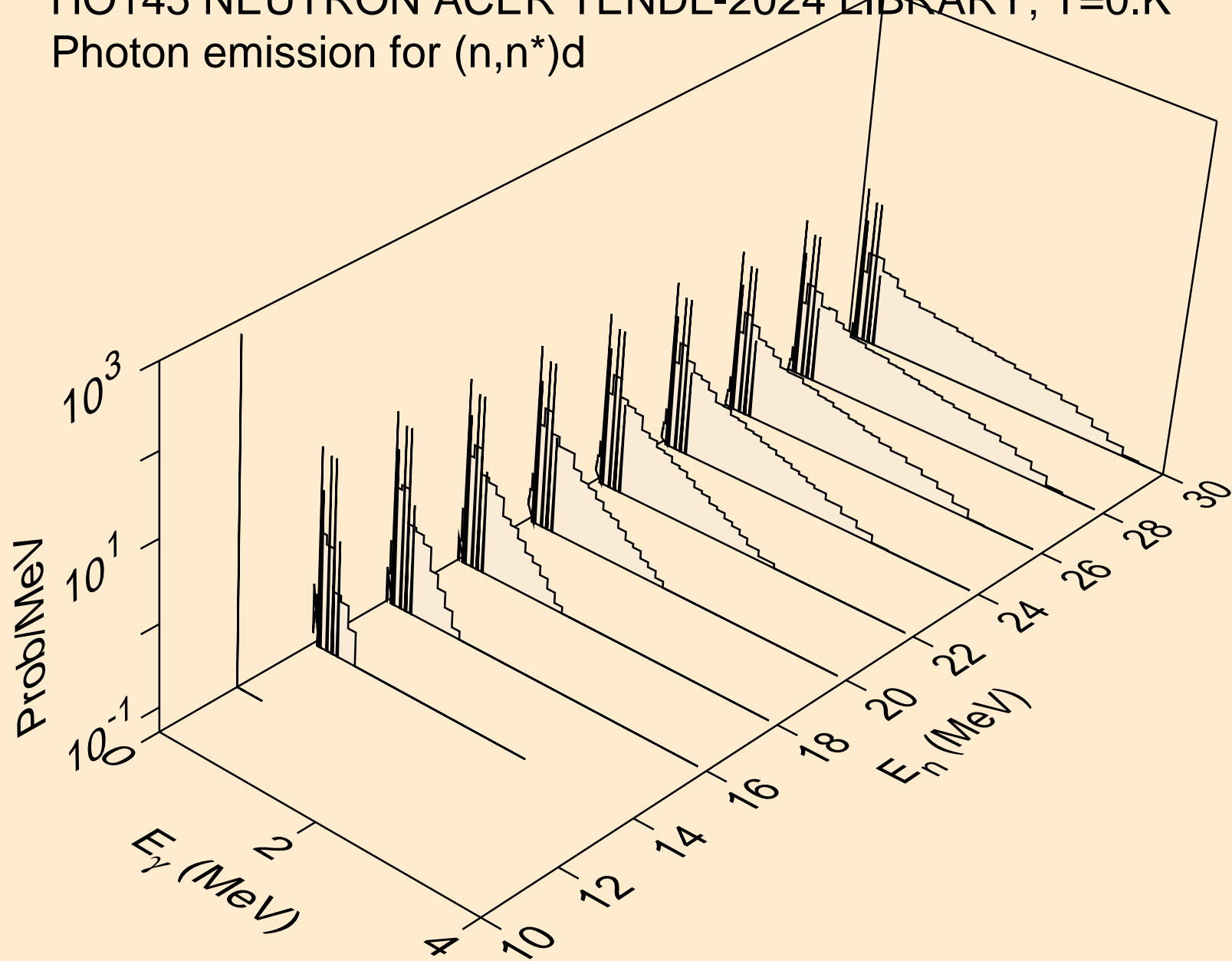
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

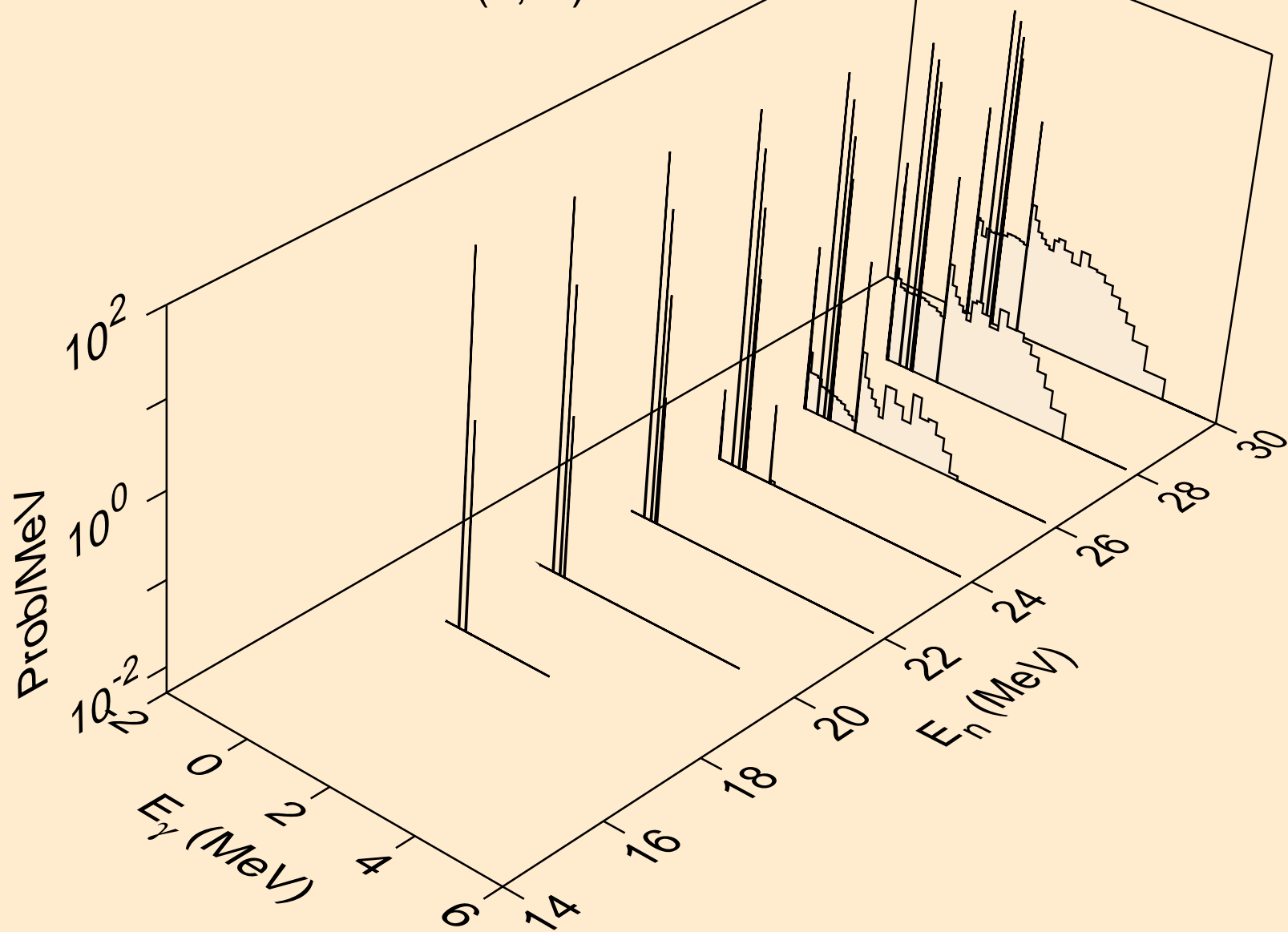


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

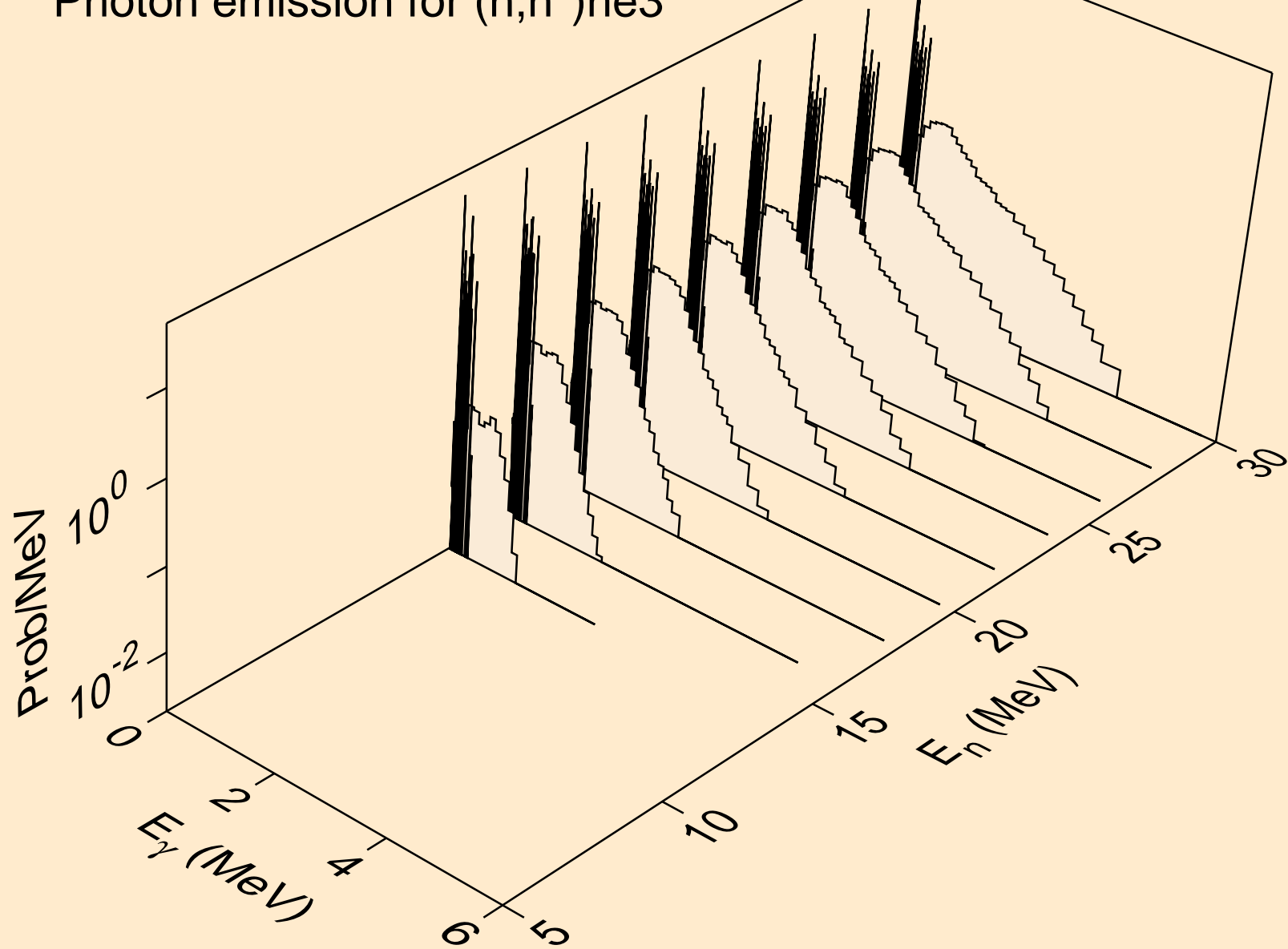




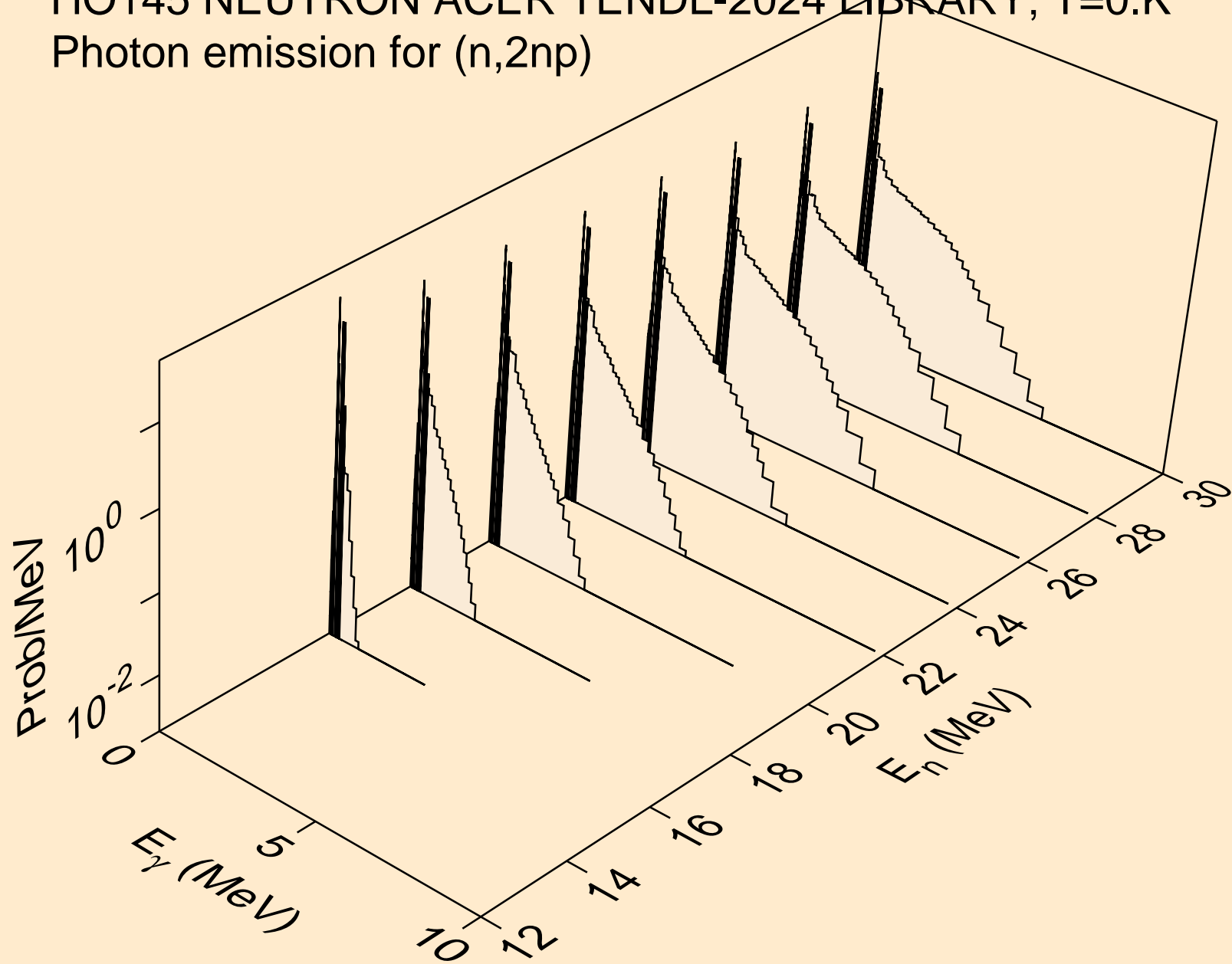
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



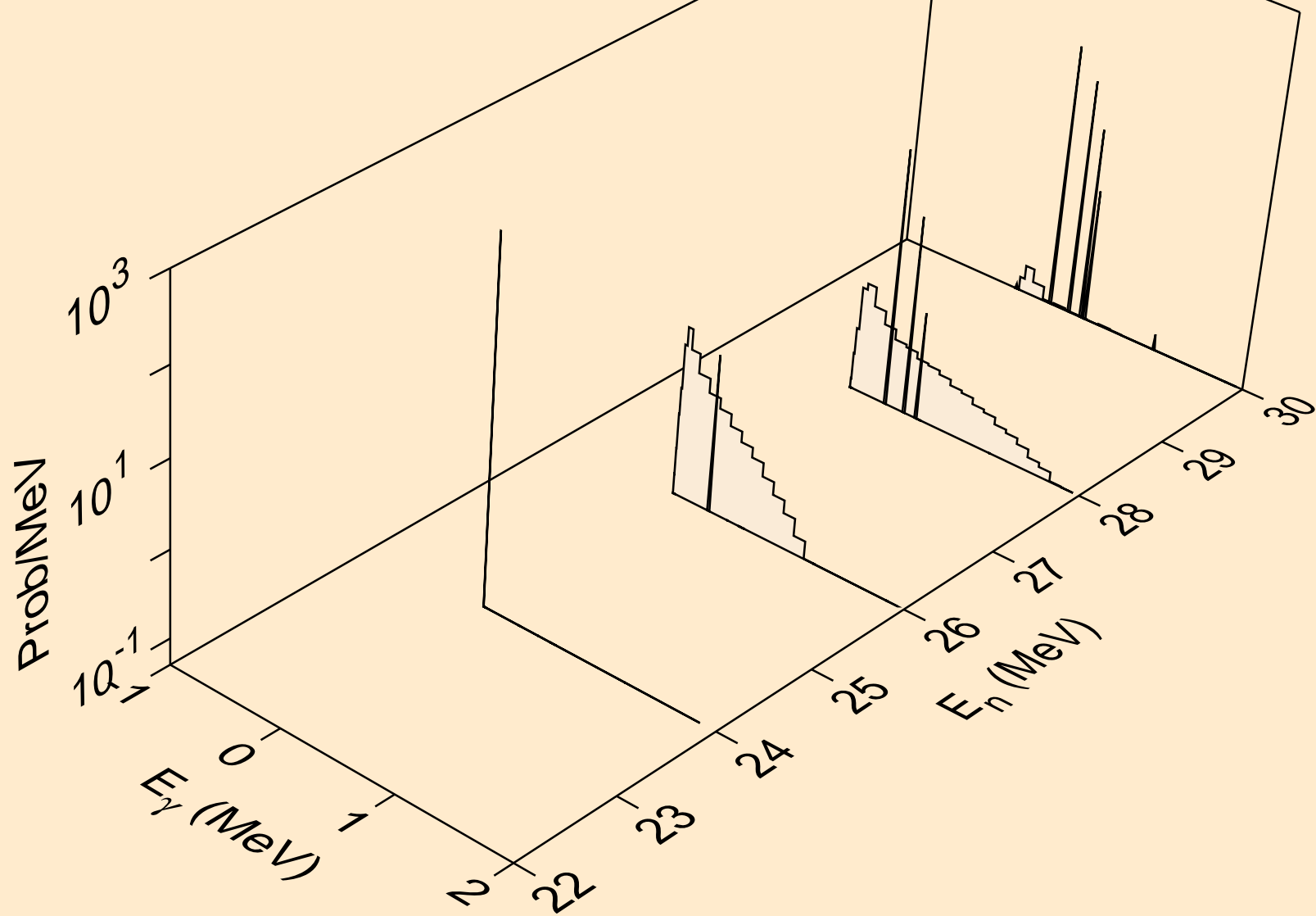
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



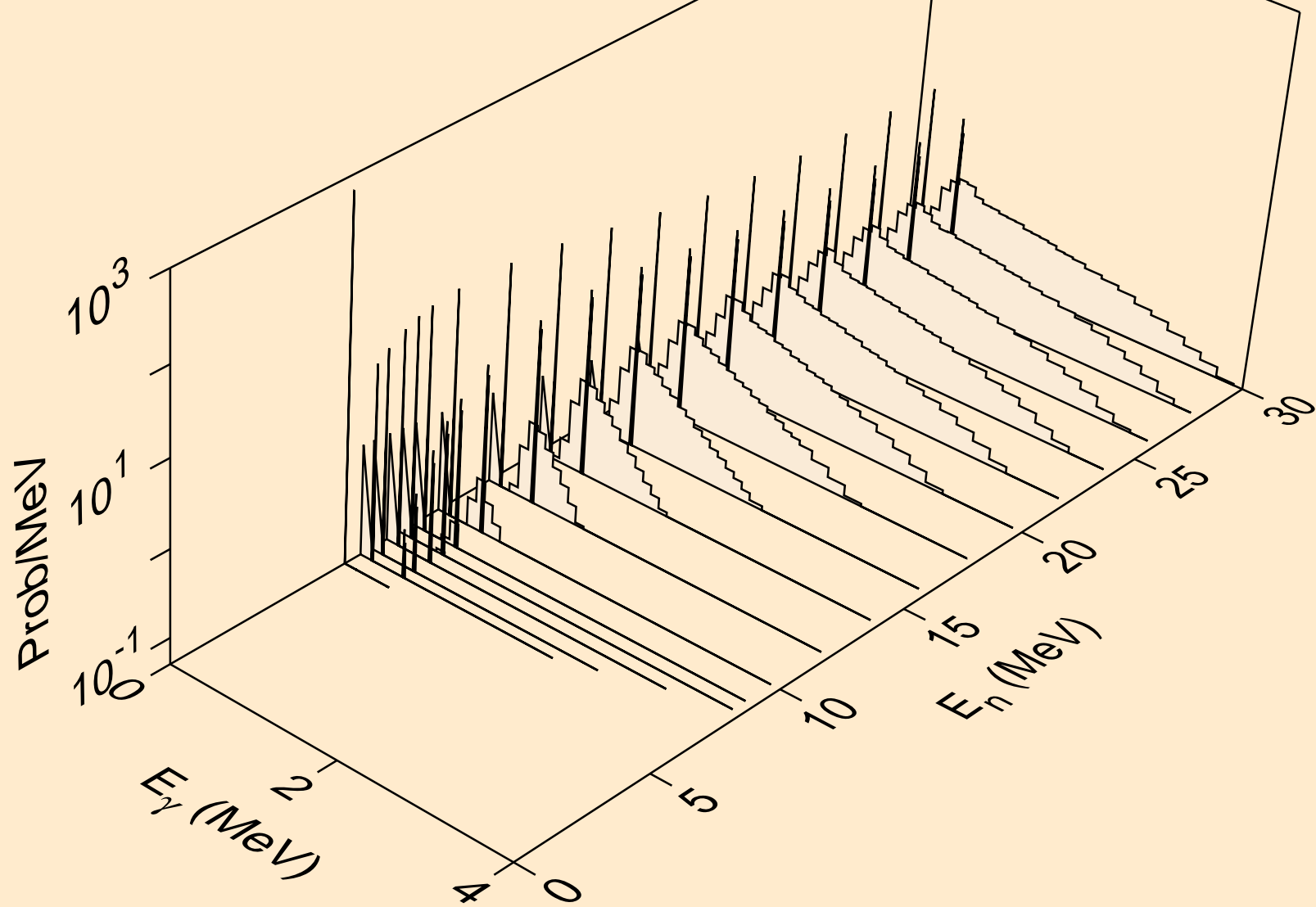
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



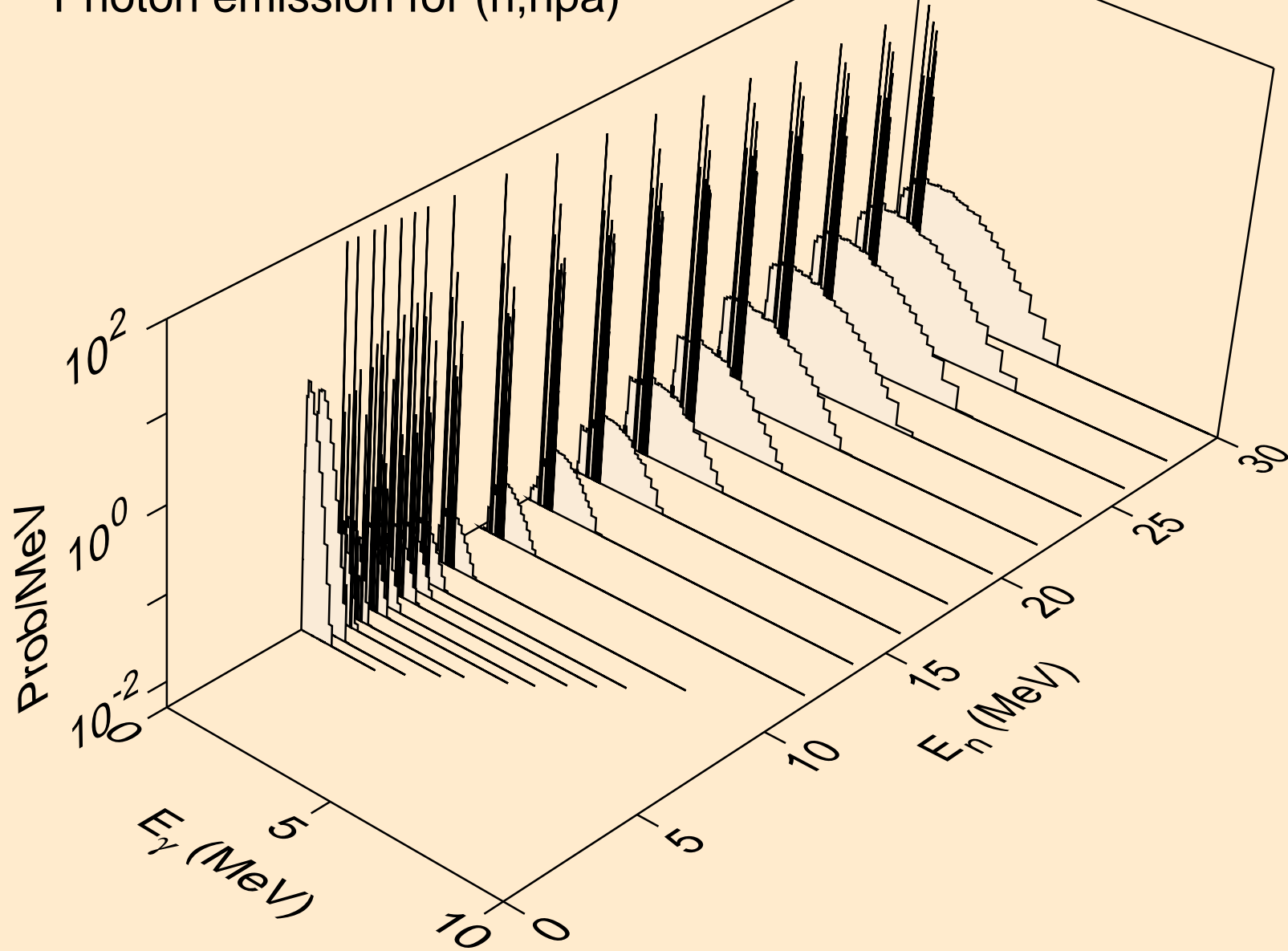
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



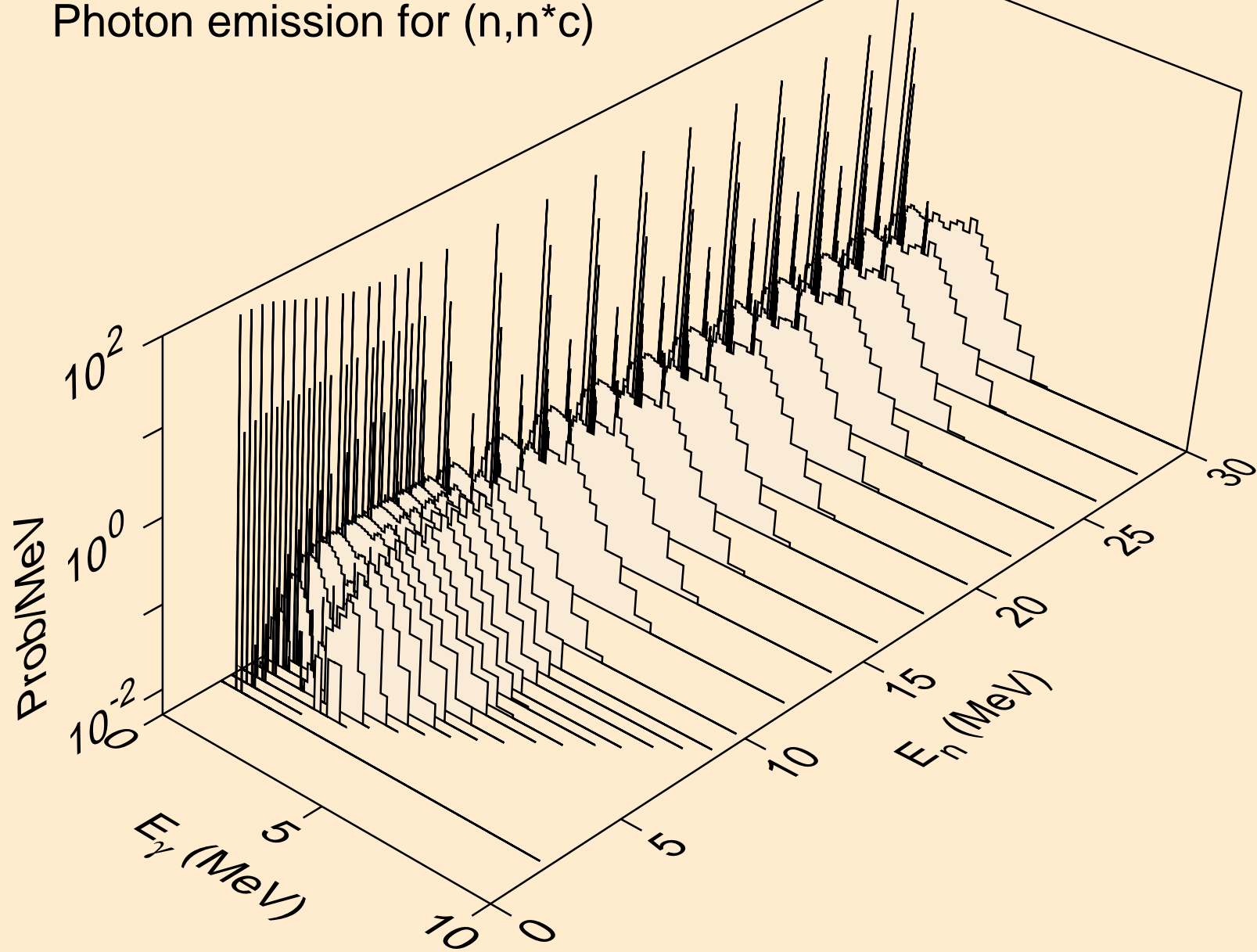
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



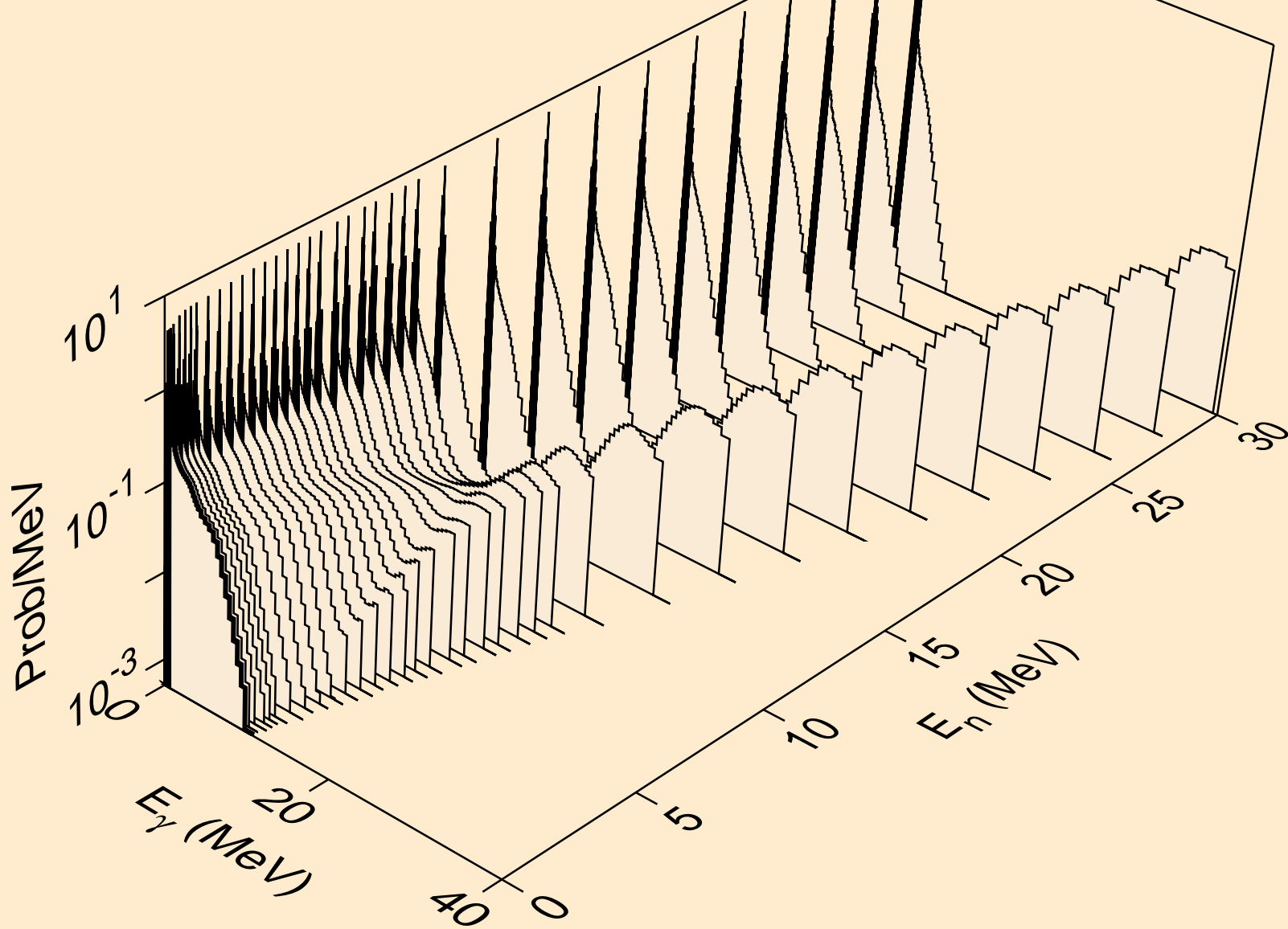
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

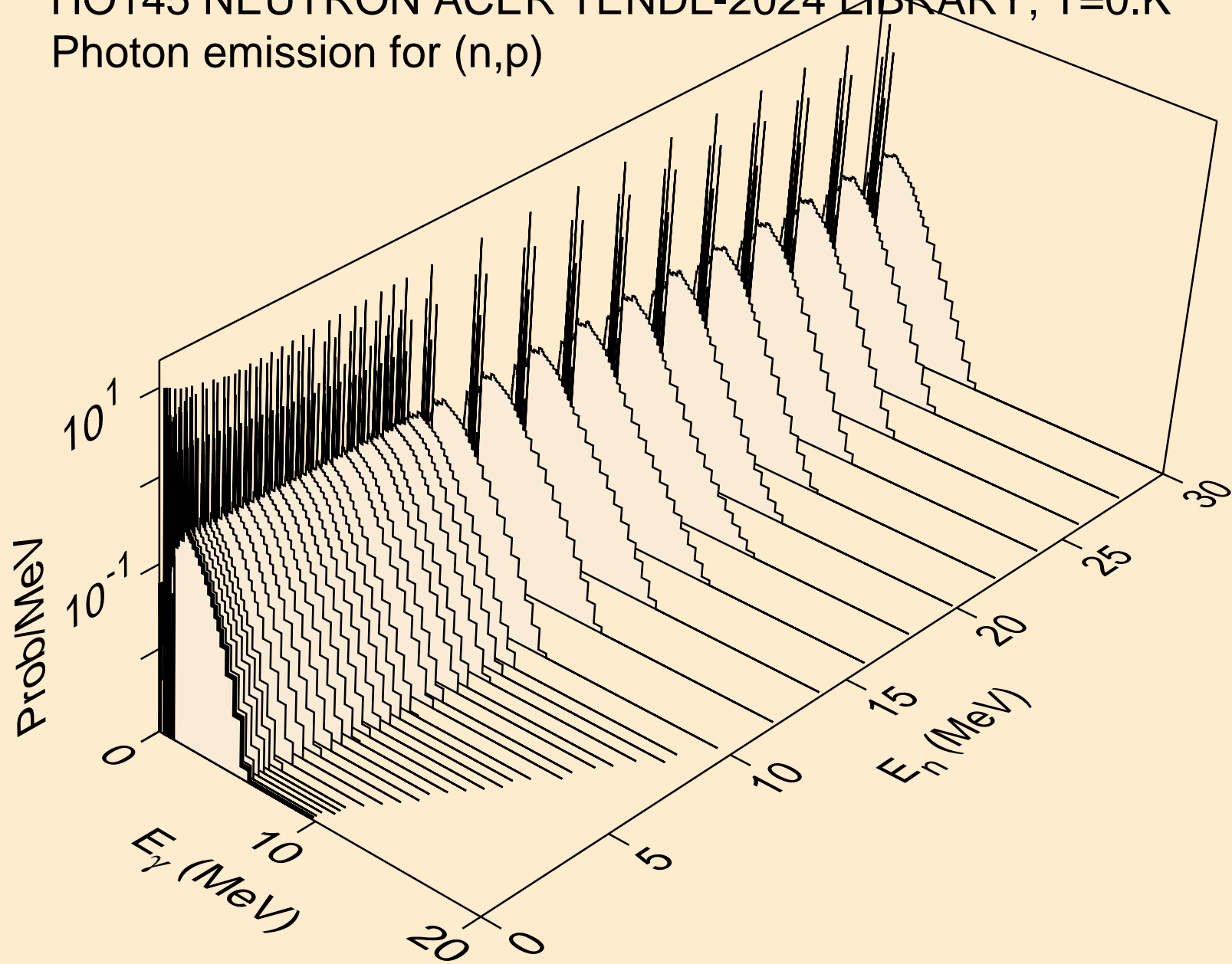


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

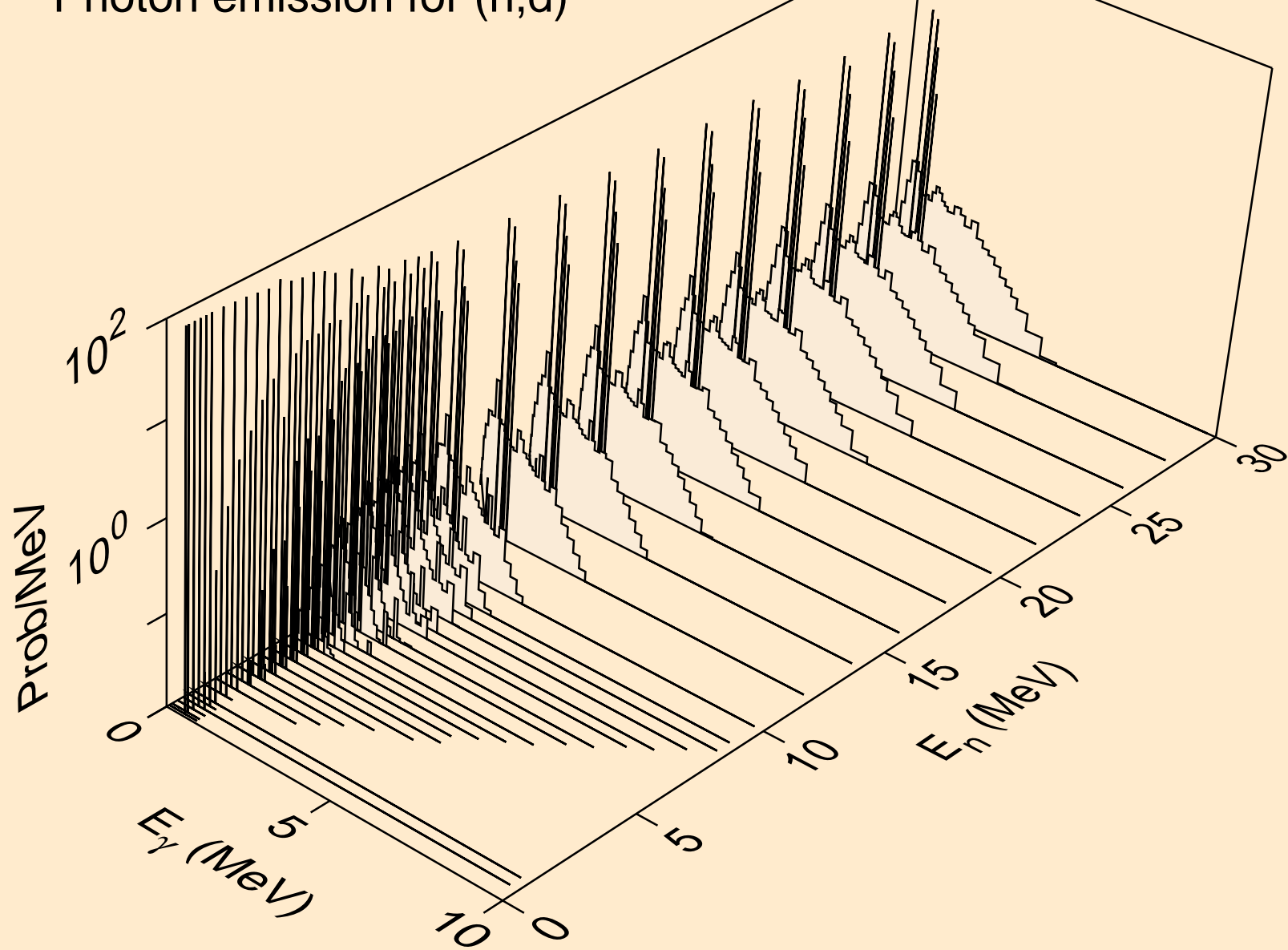




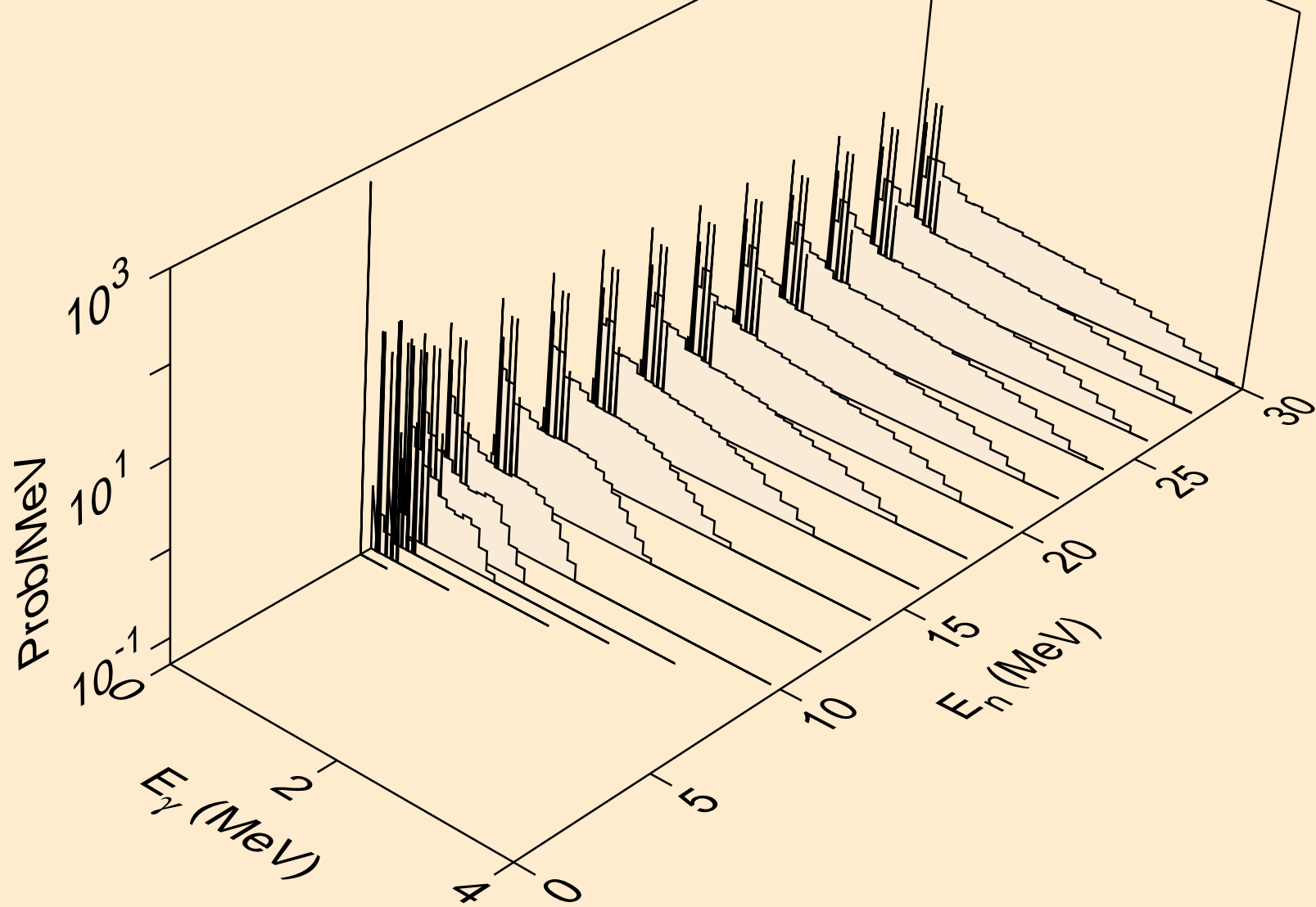
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



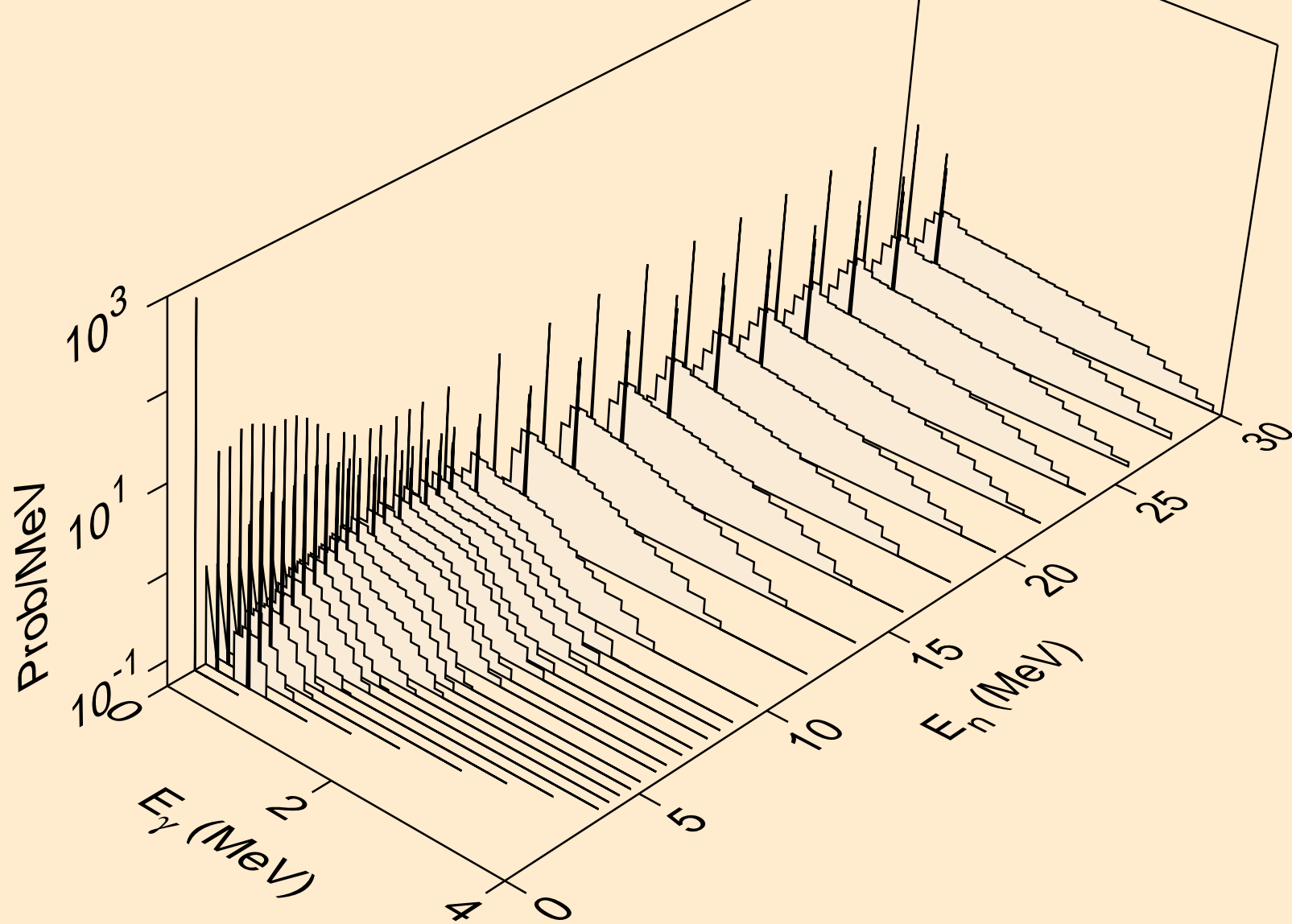
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



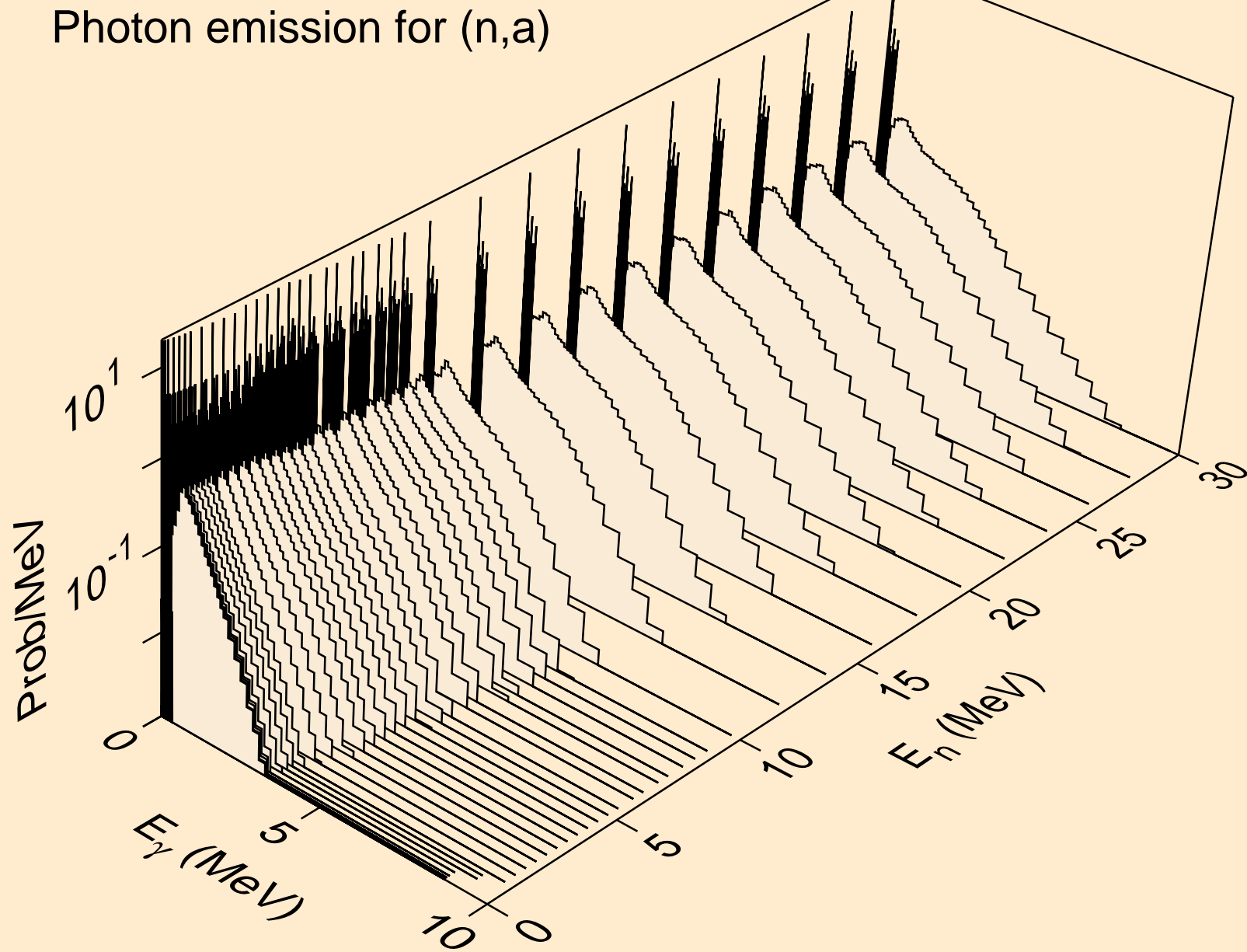
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



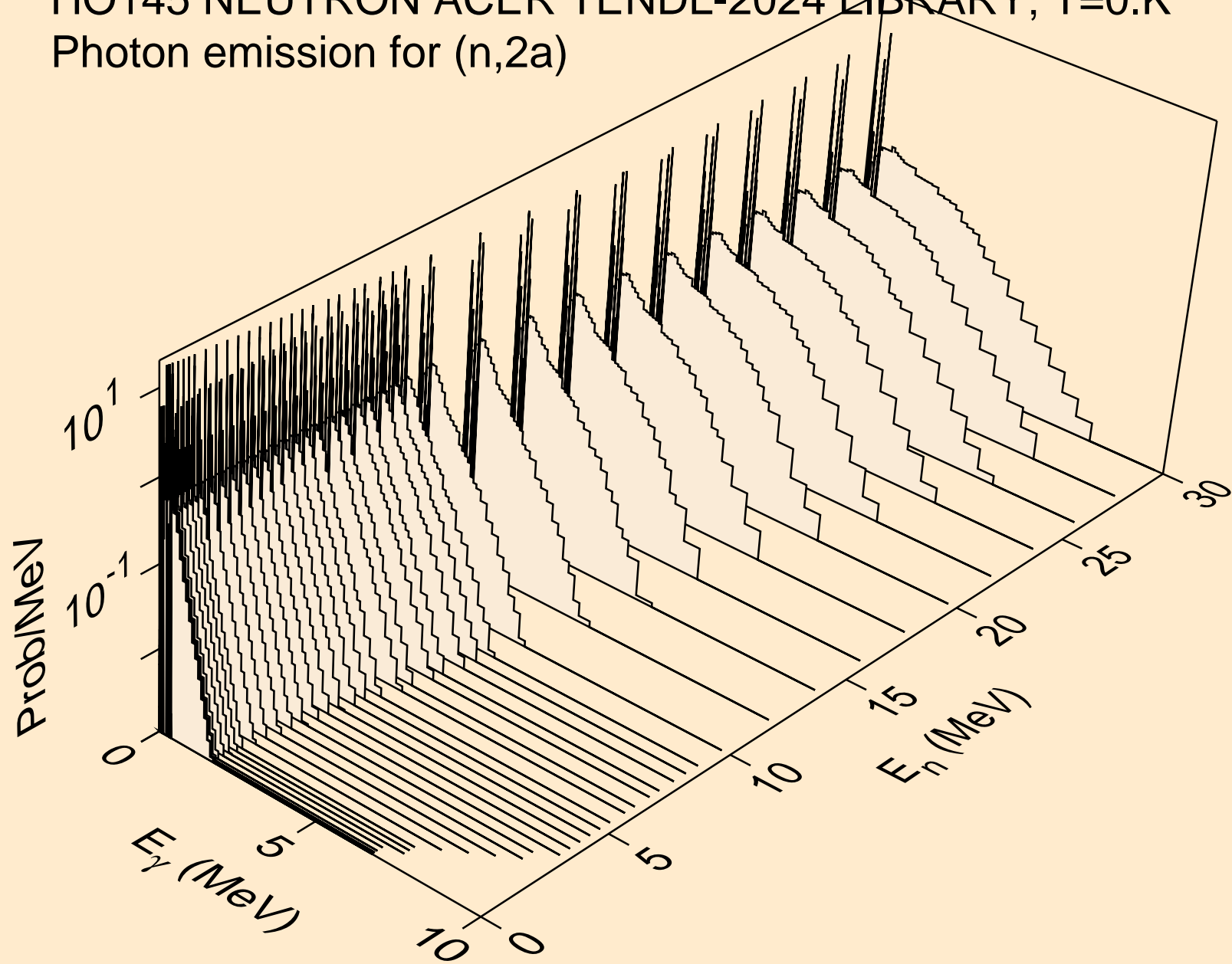
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



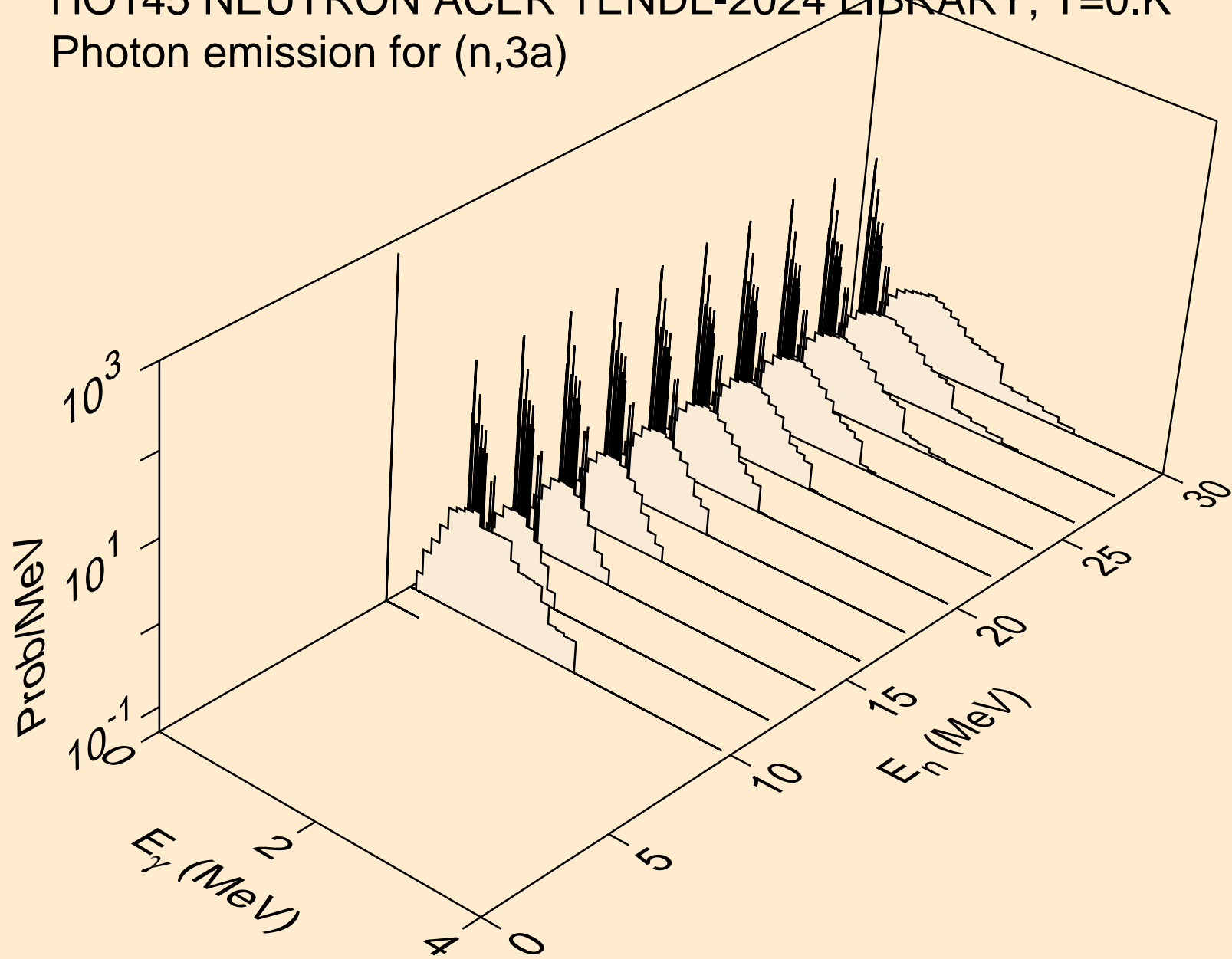
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



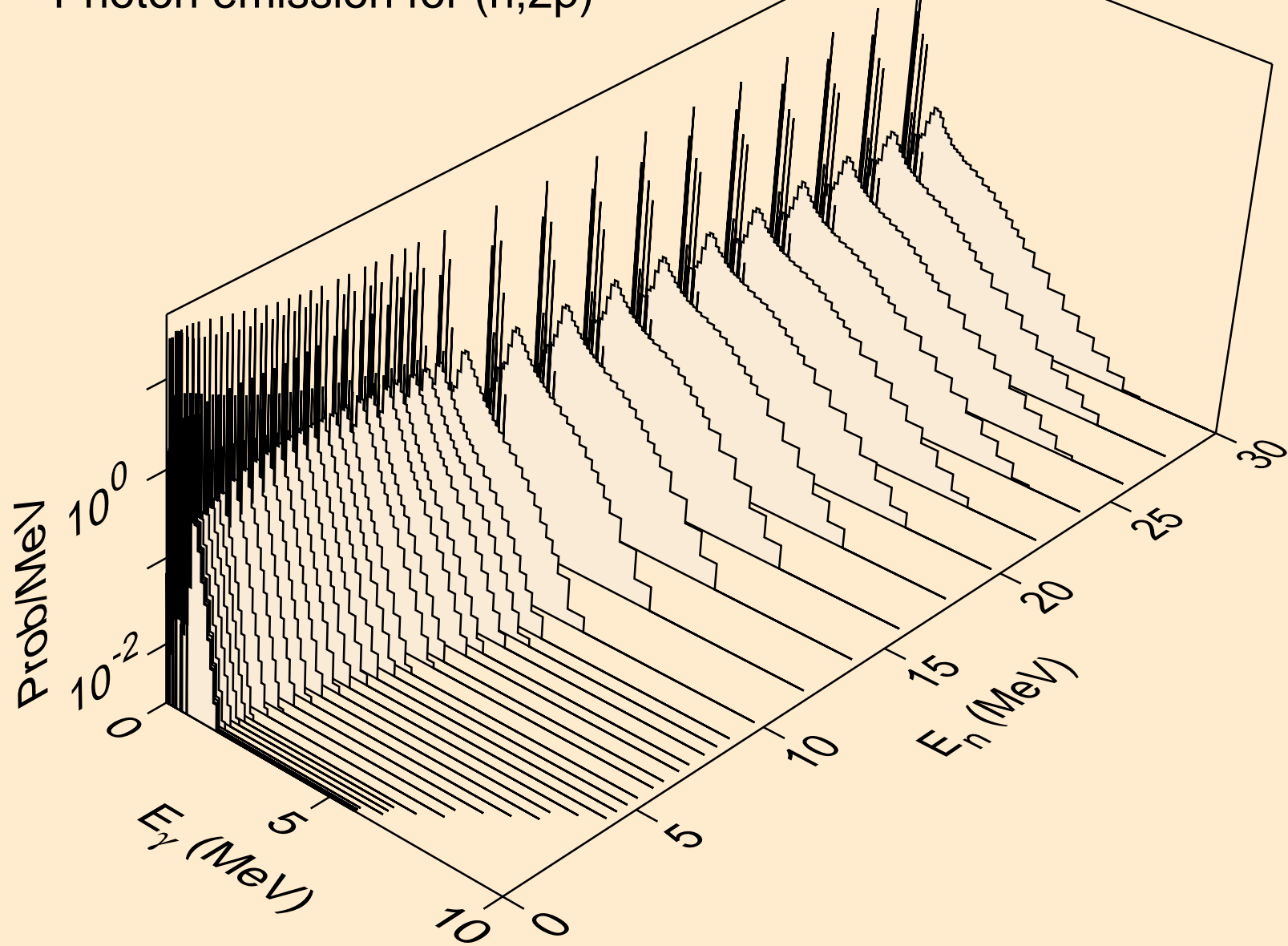
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

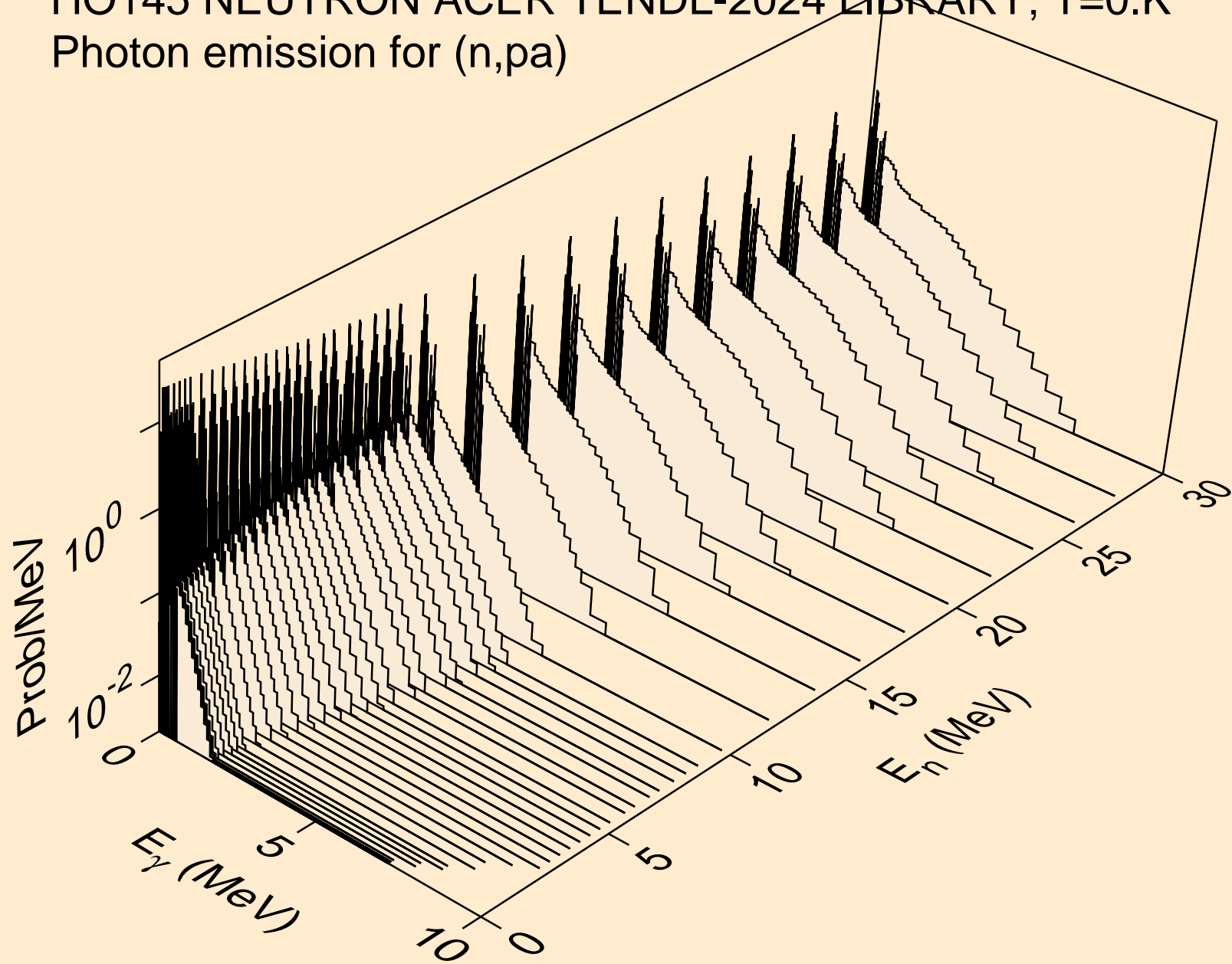


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

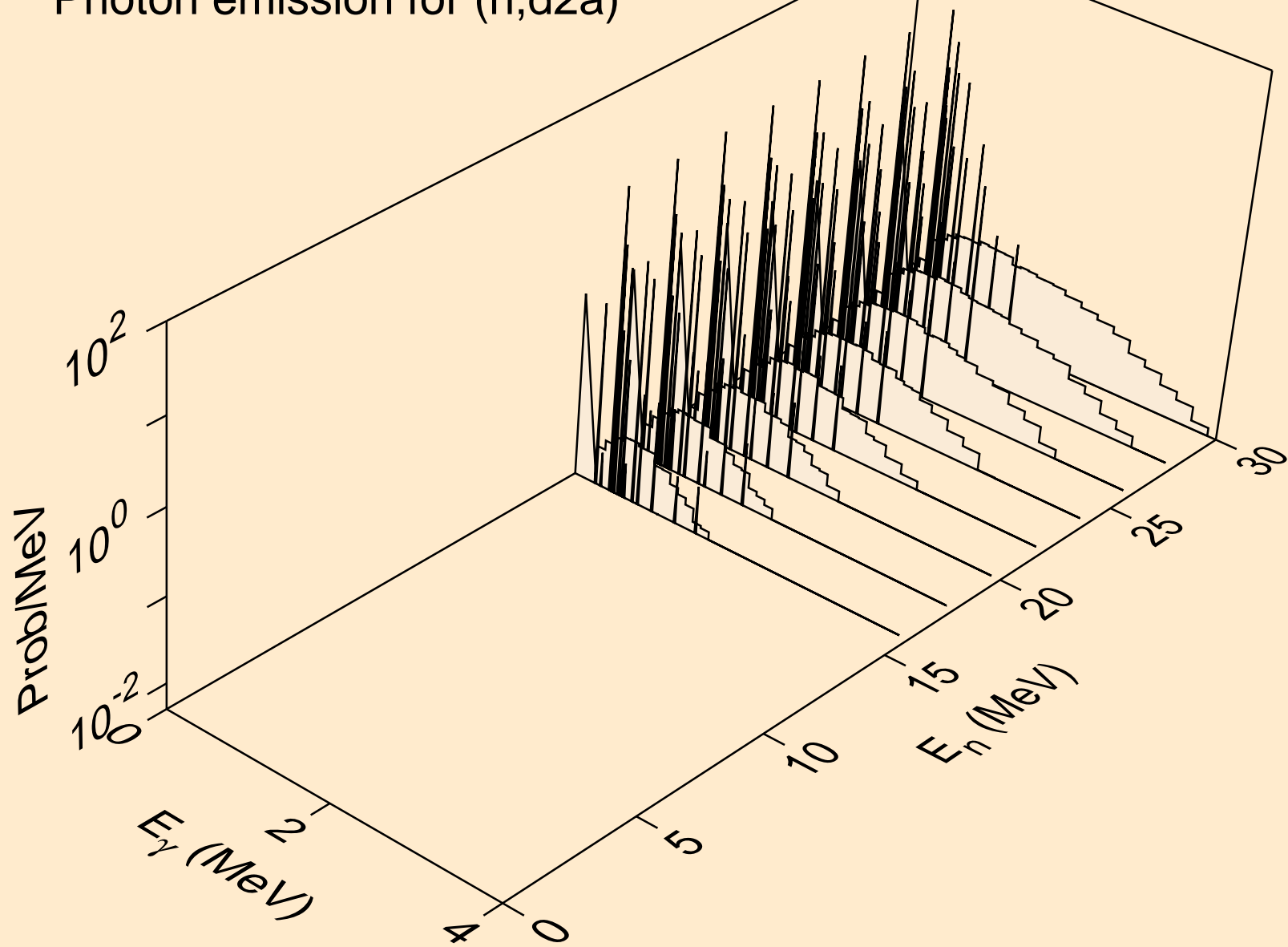




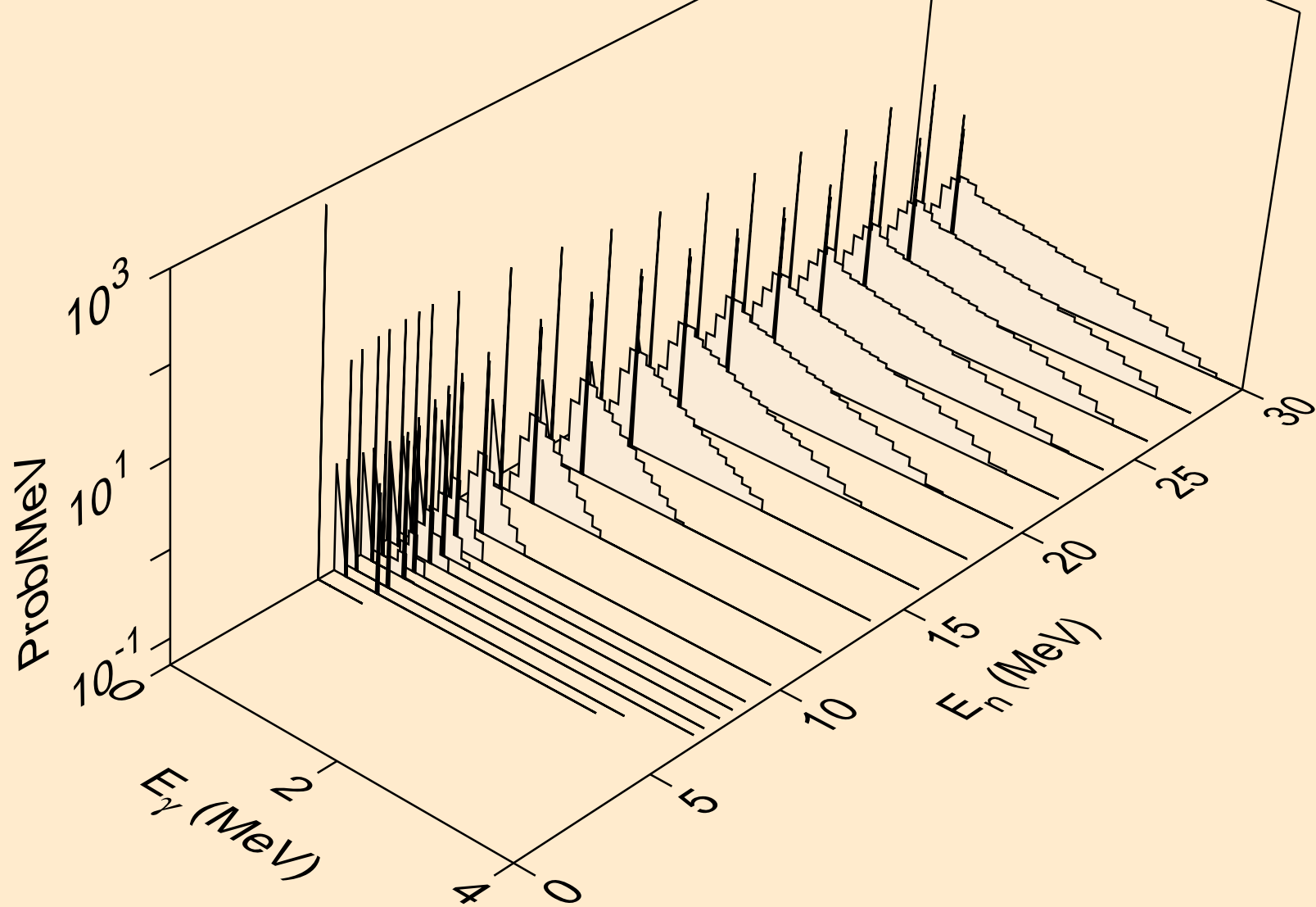
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



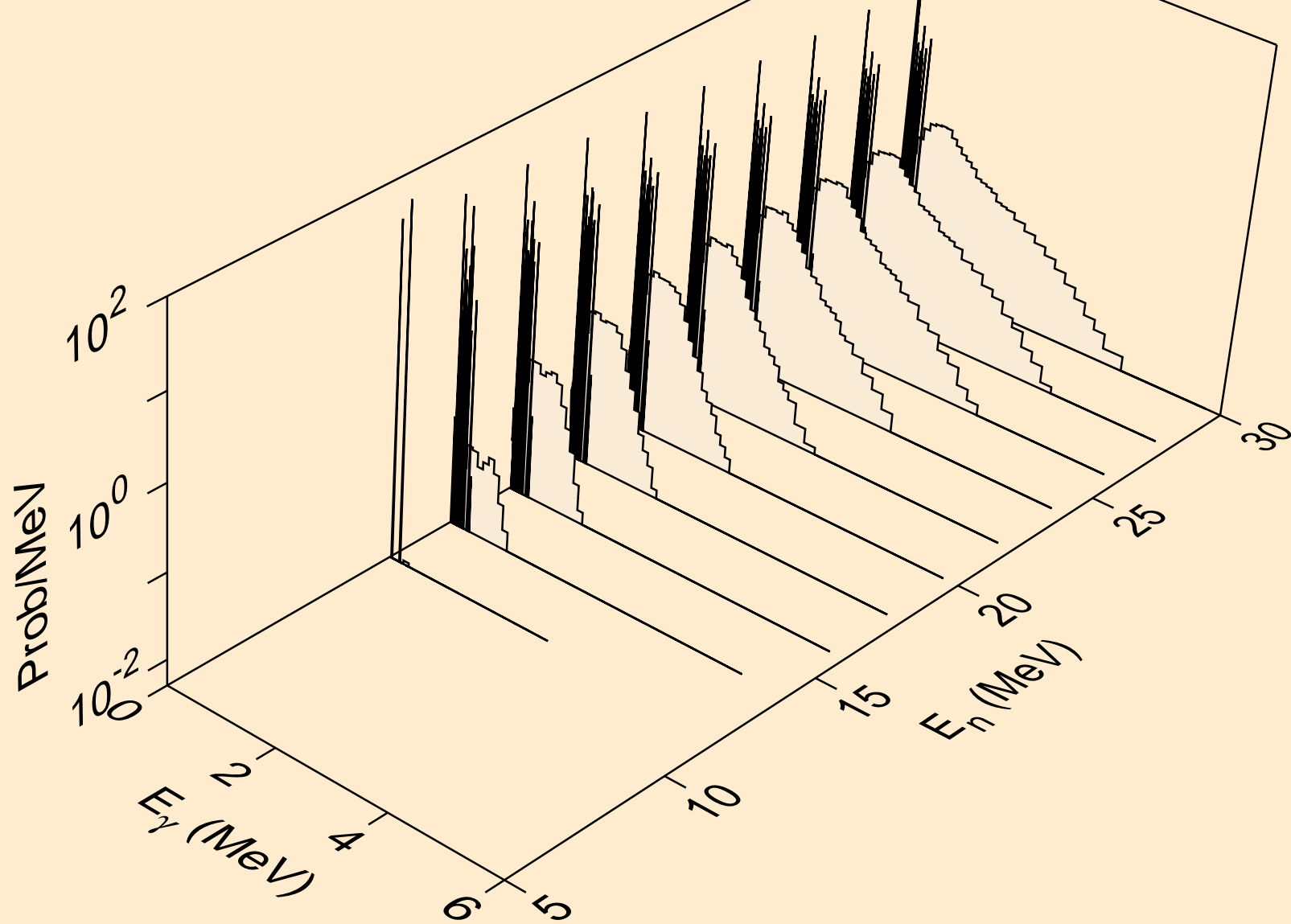
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



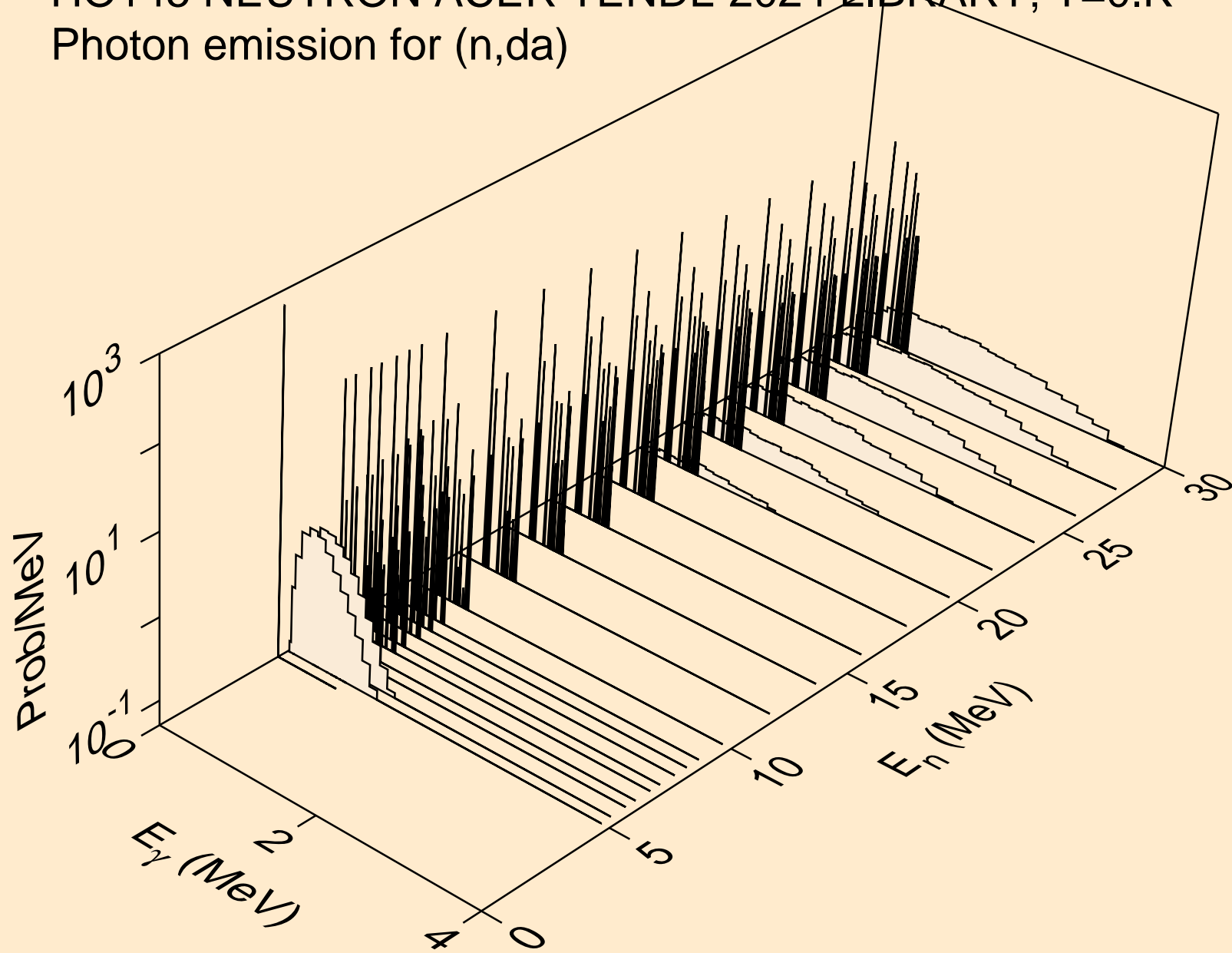
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



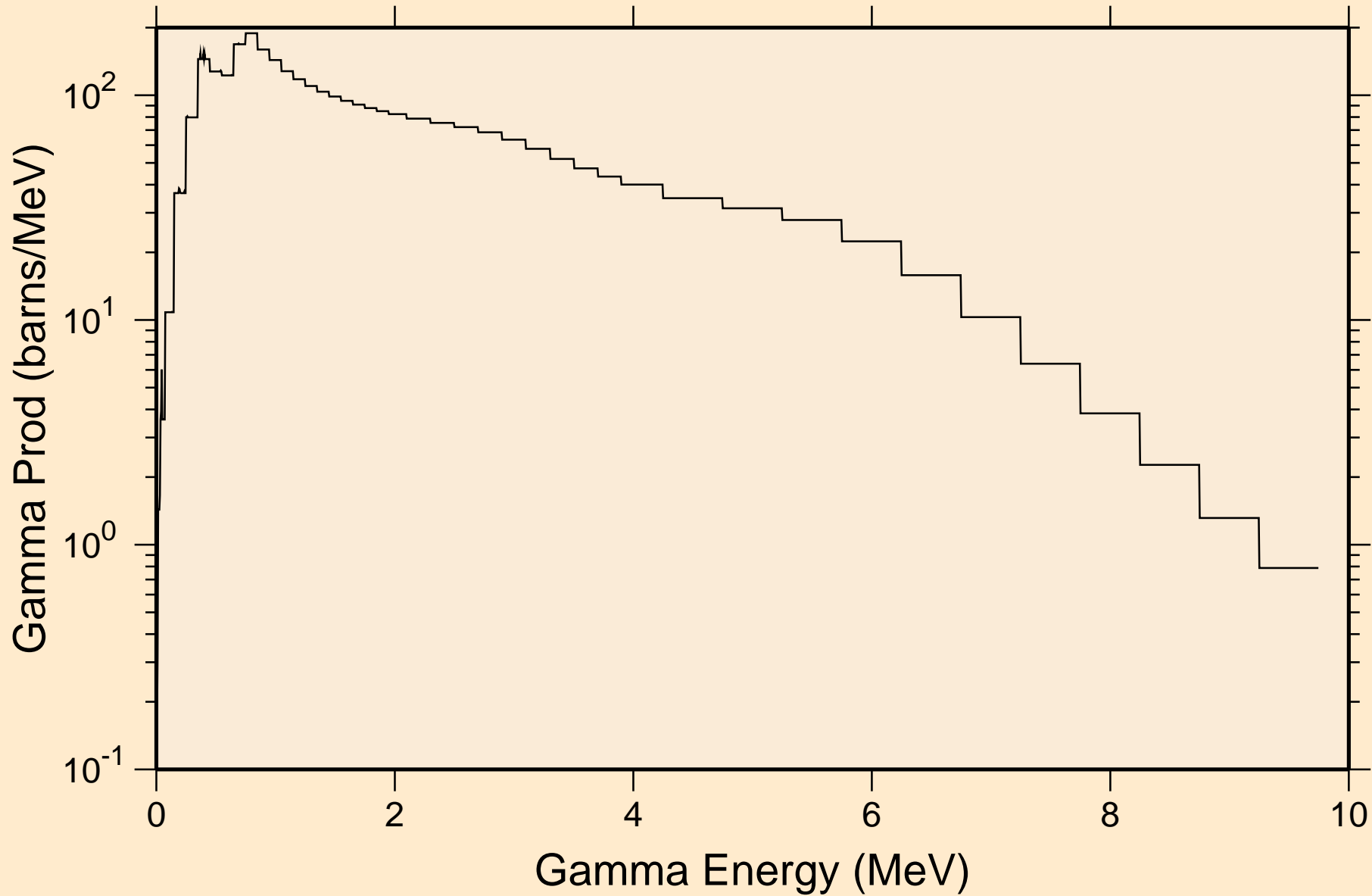
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



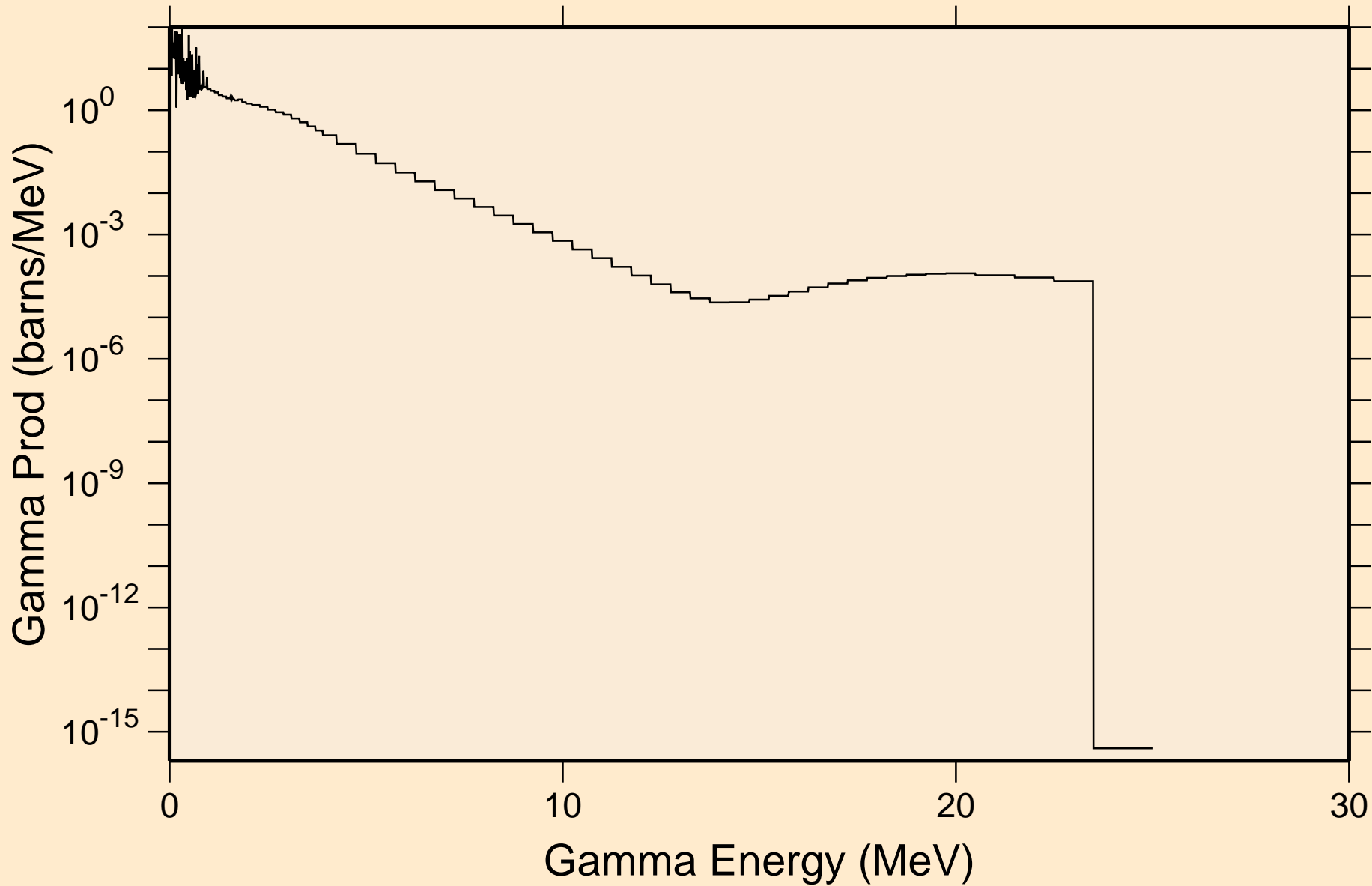
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

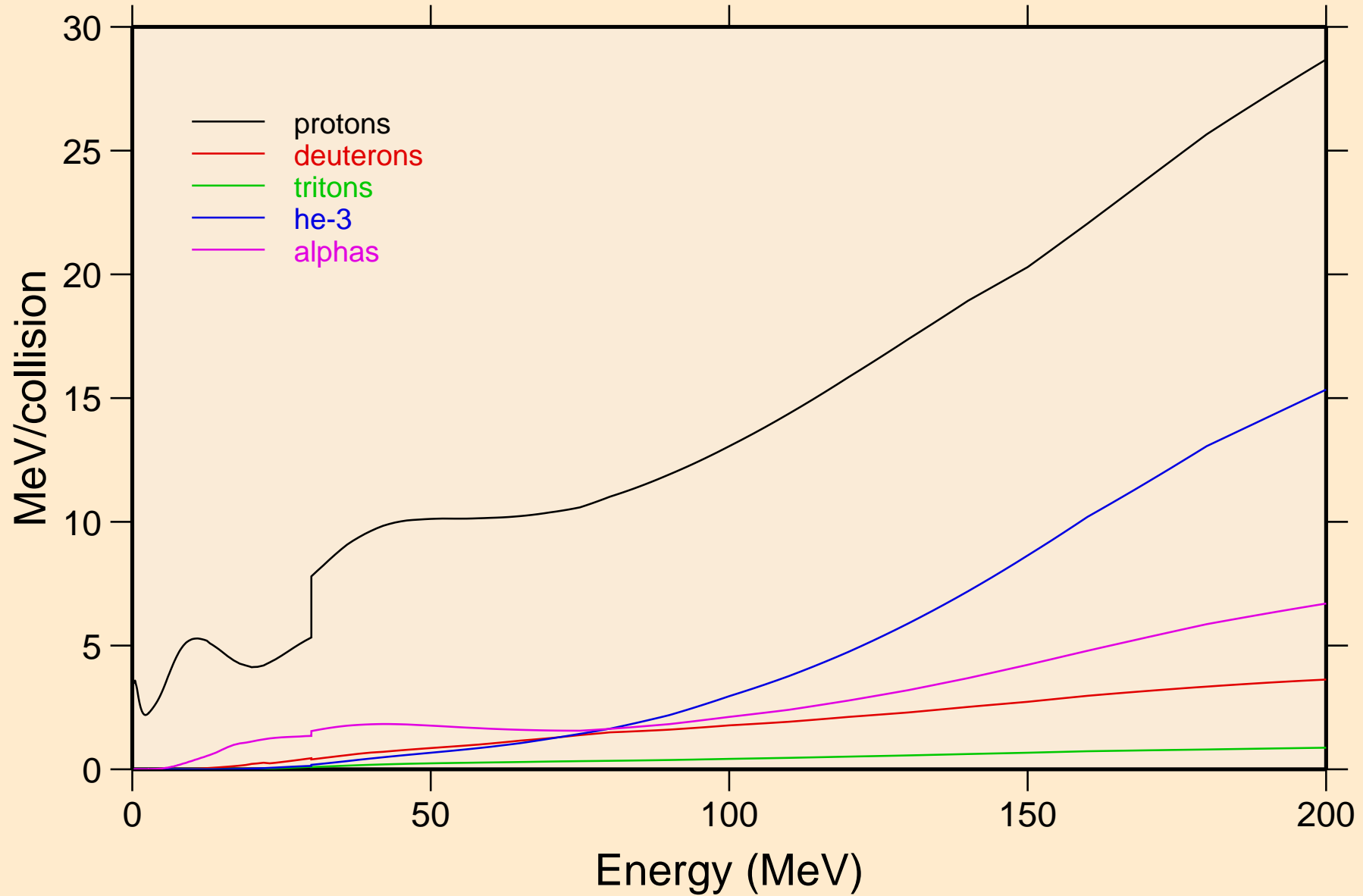


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

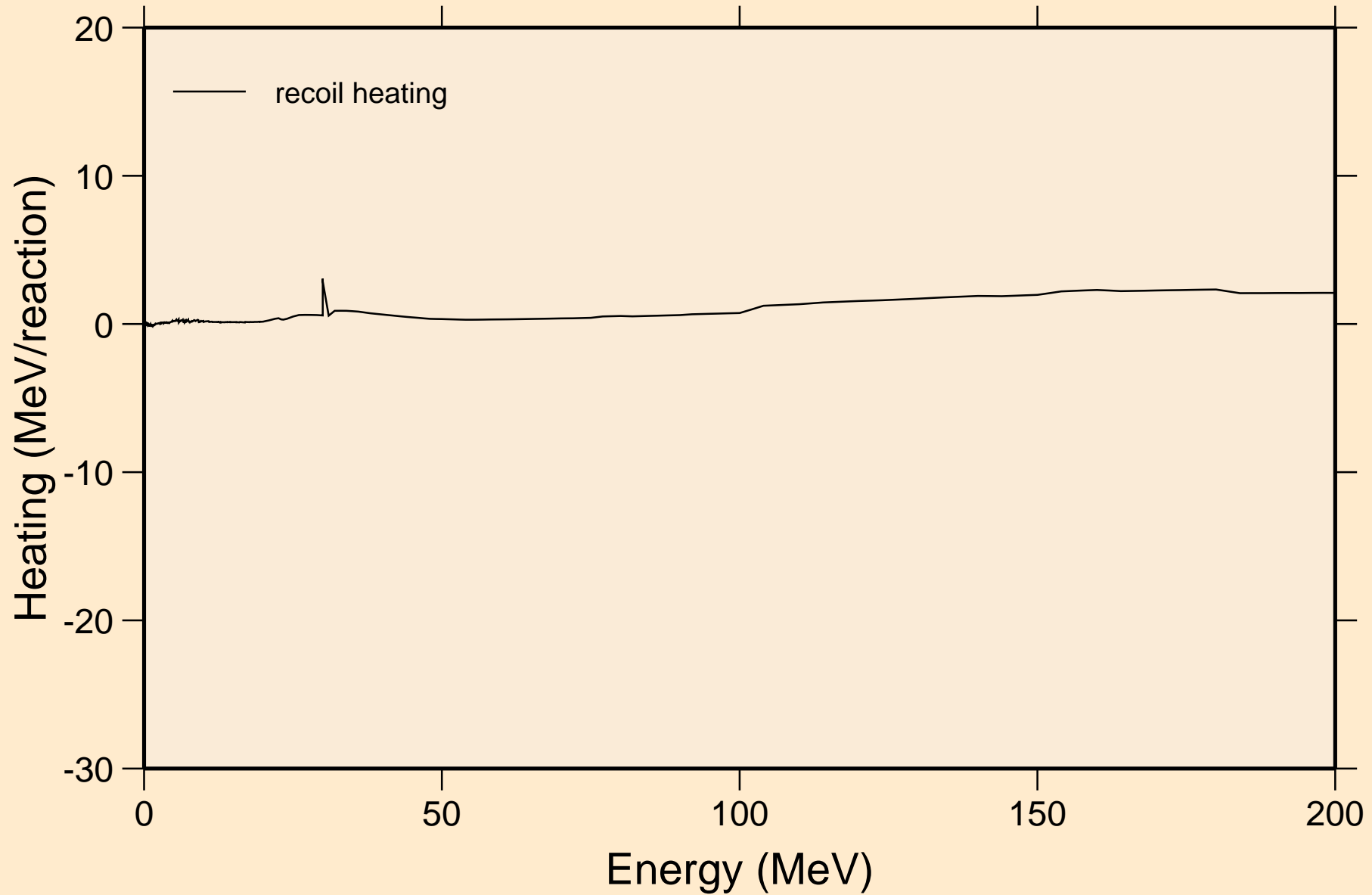
## Particle heating contributions





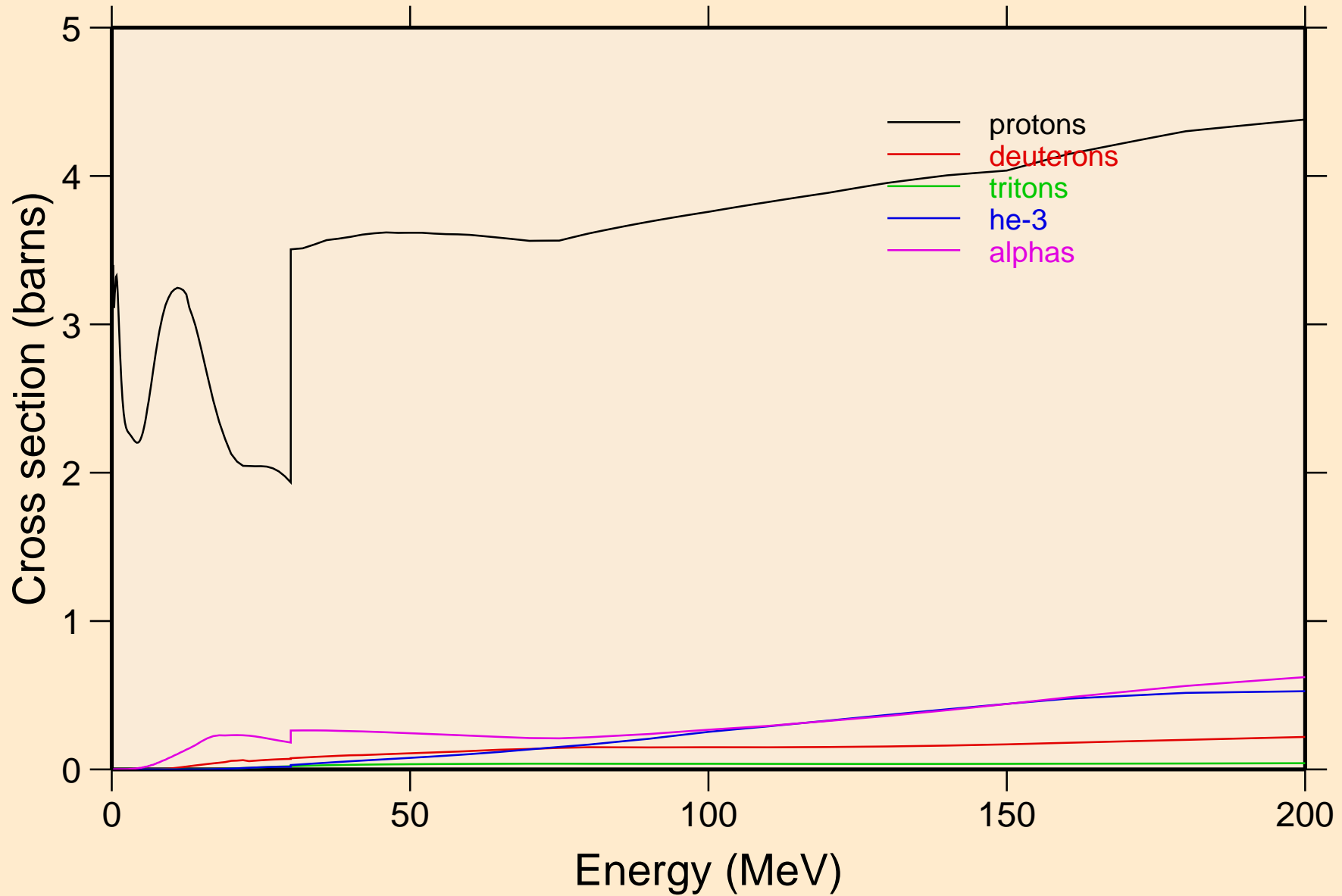
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

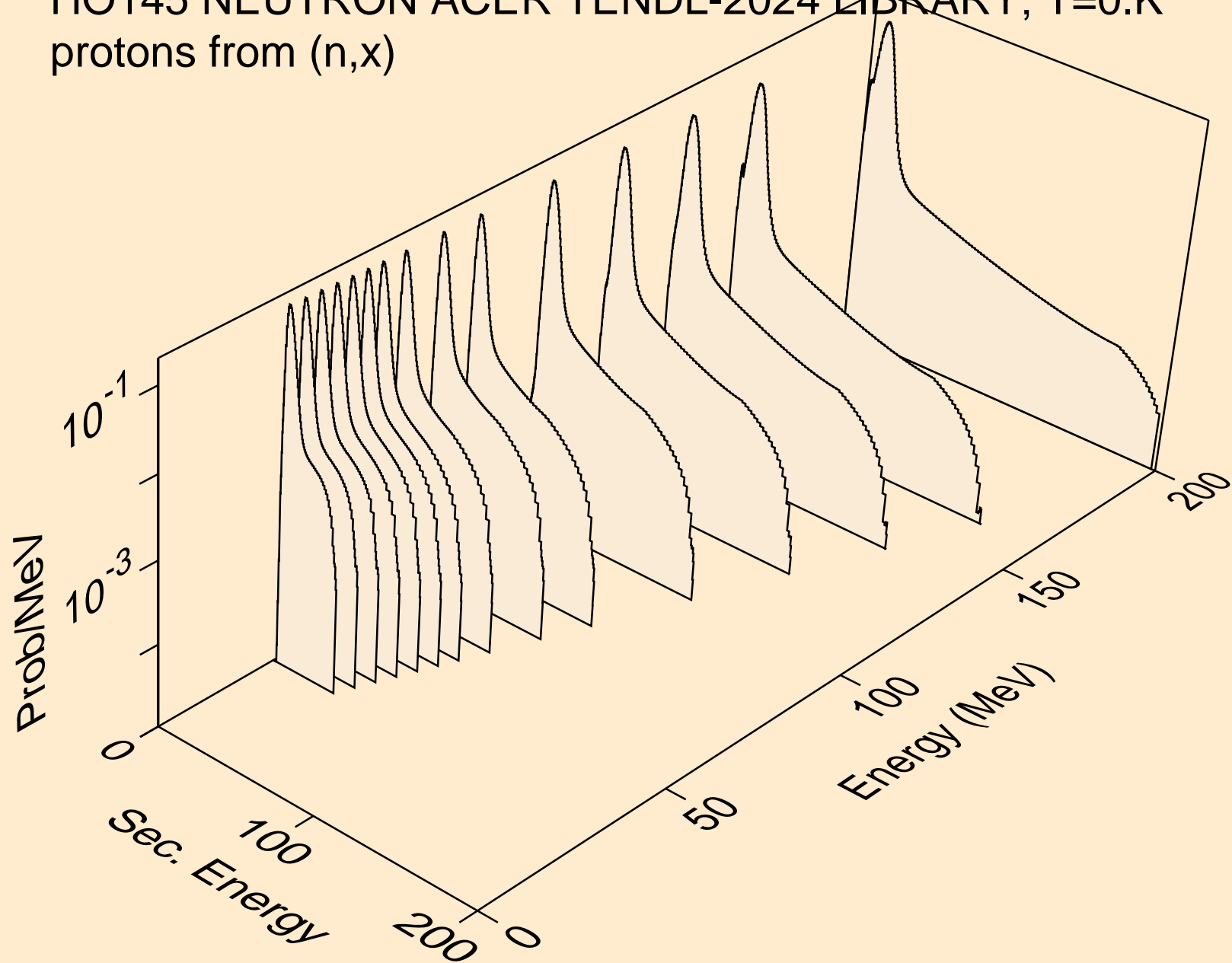


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

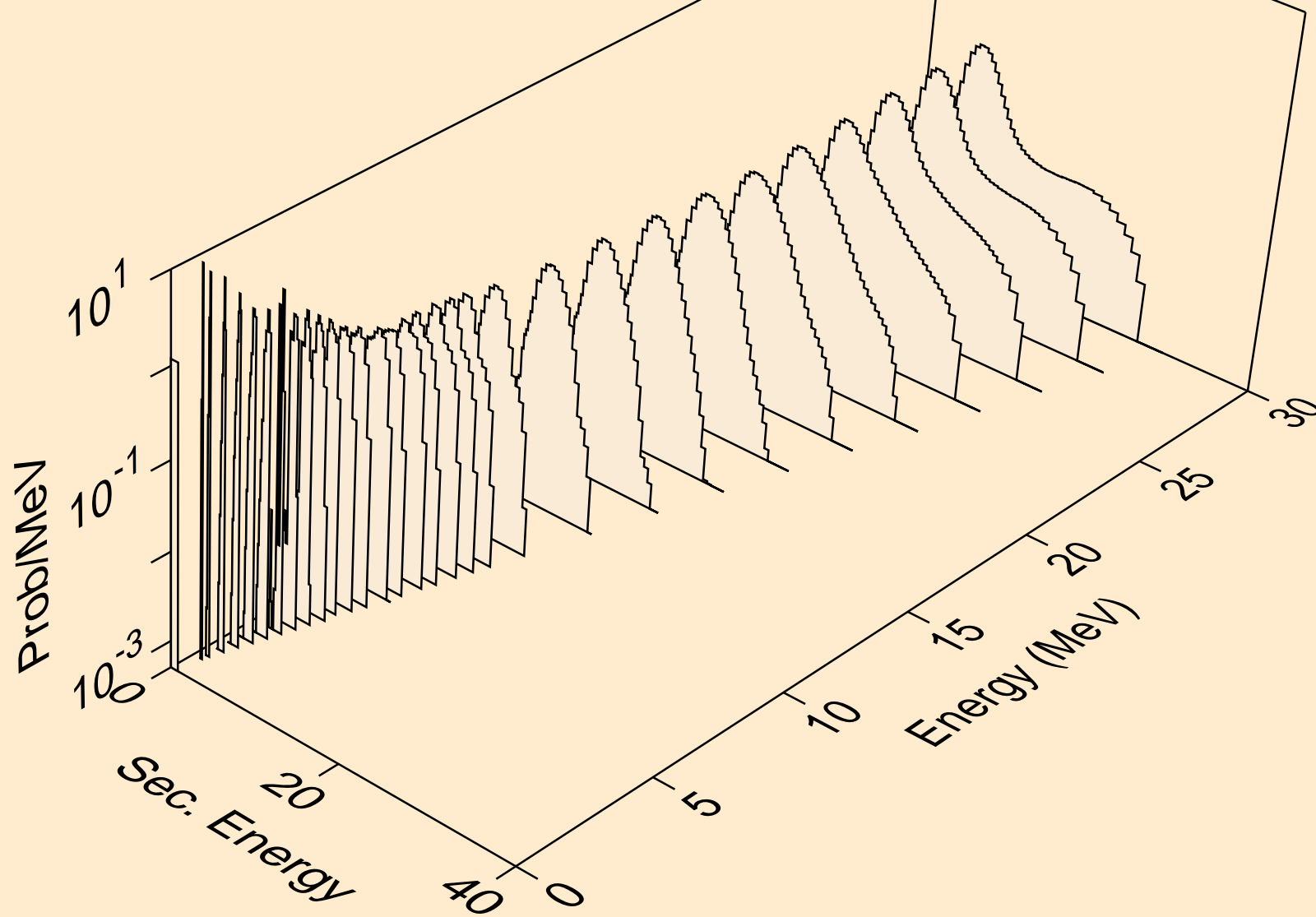
## Particle production cross sections



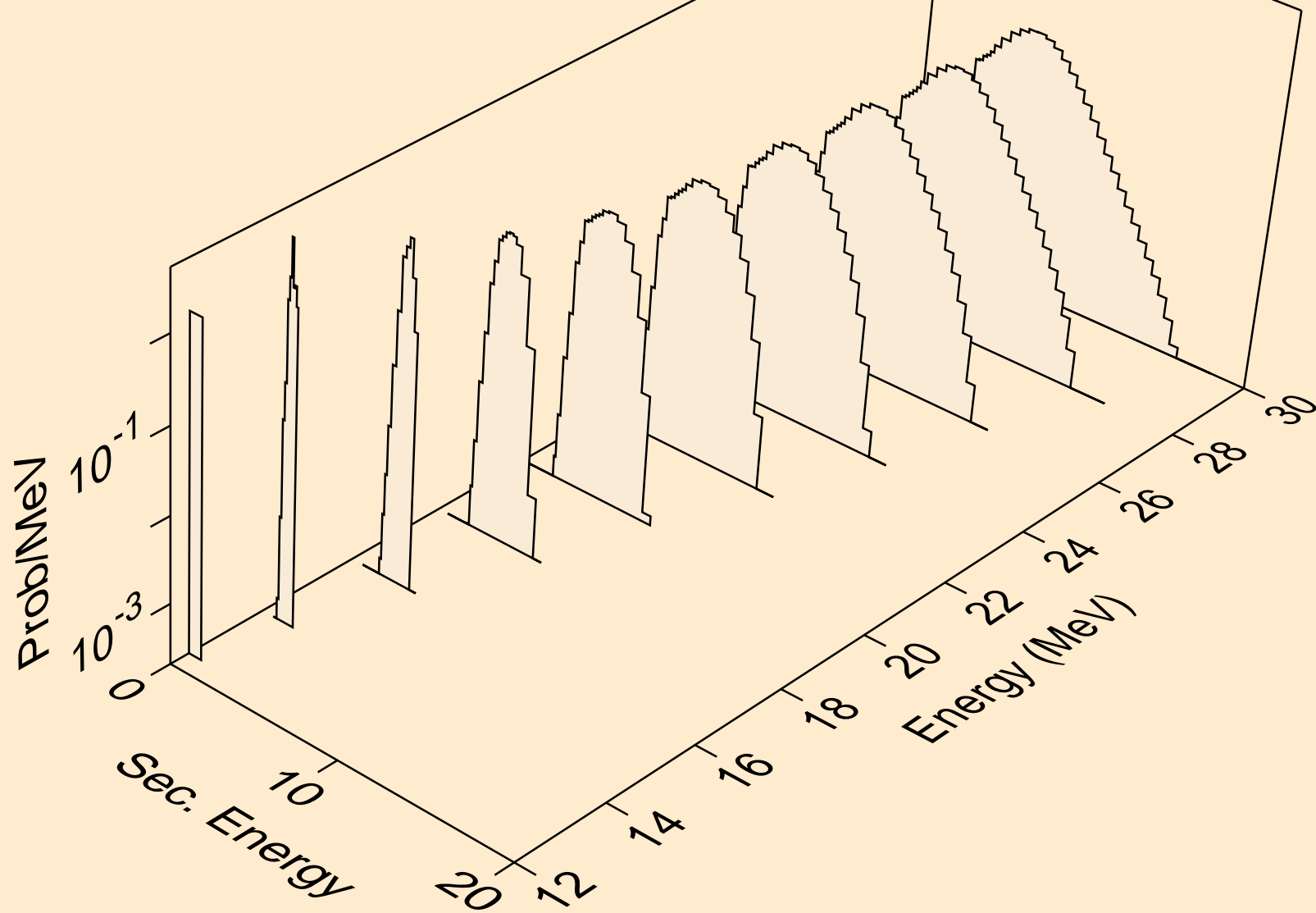
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



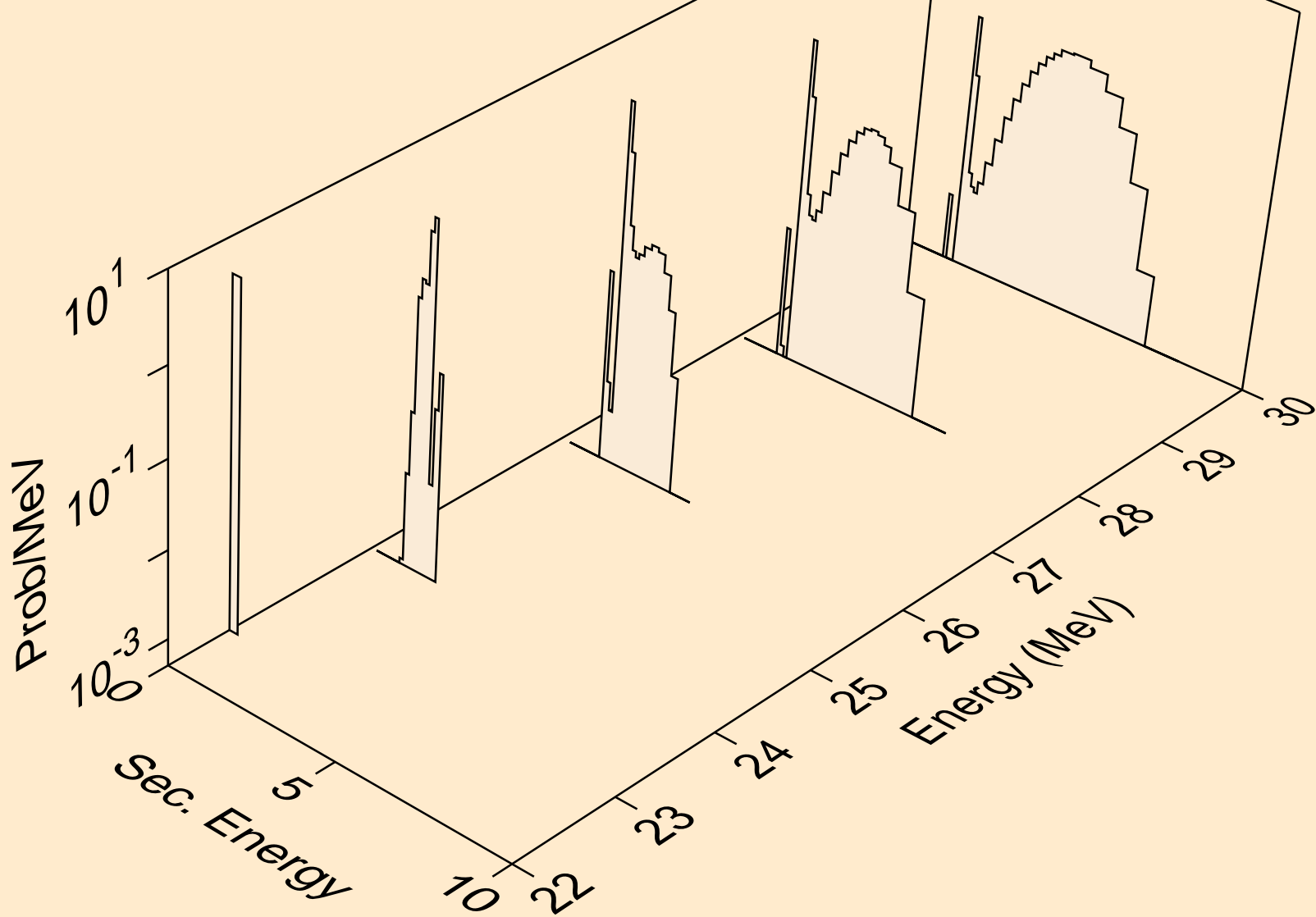
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



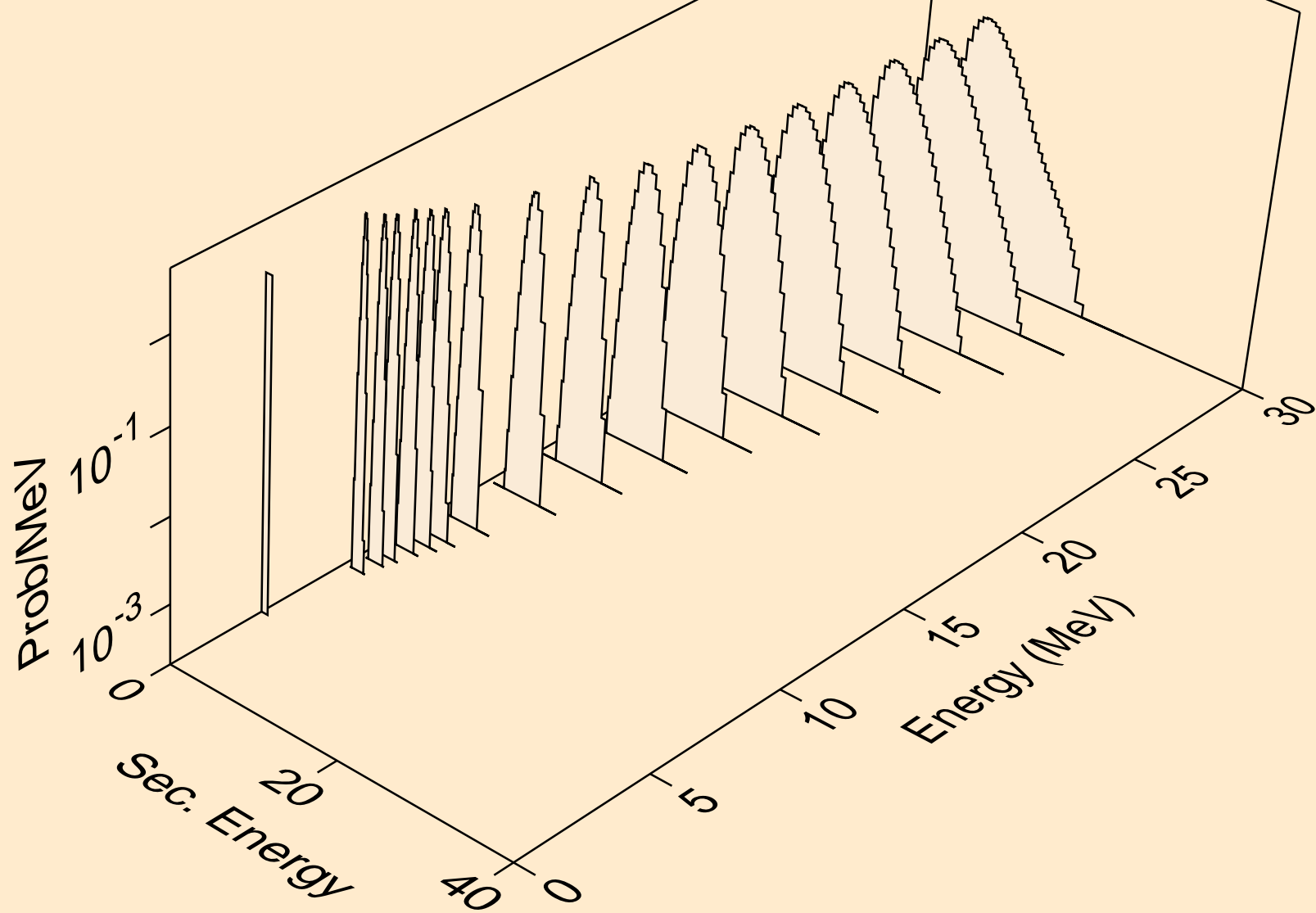
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



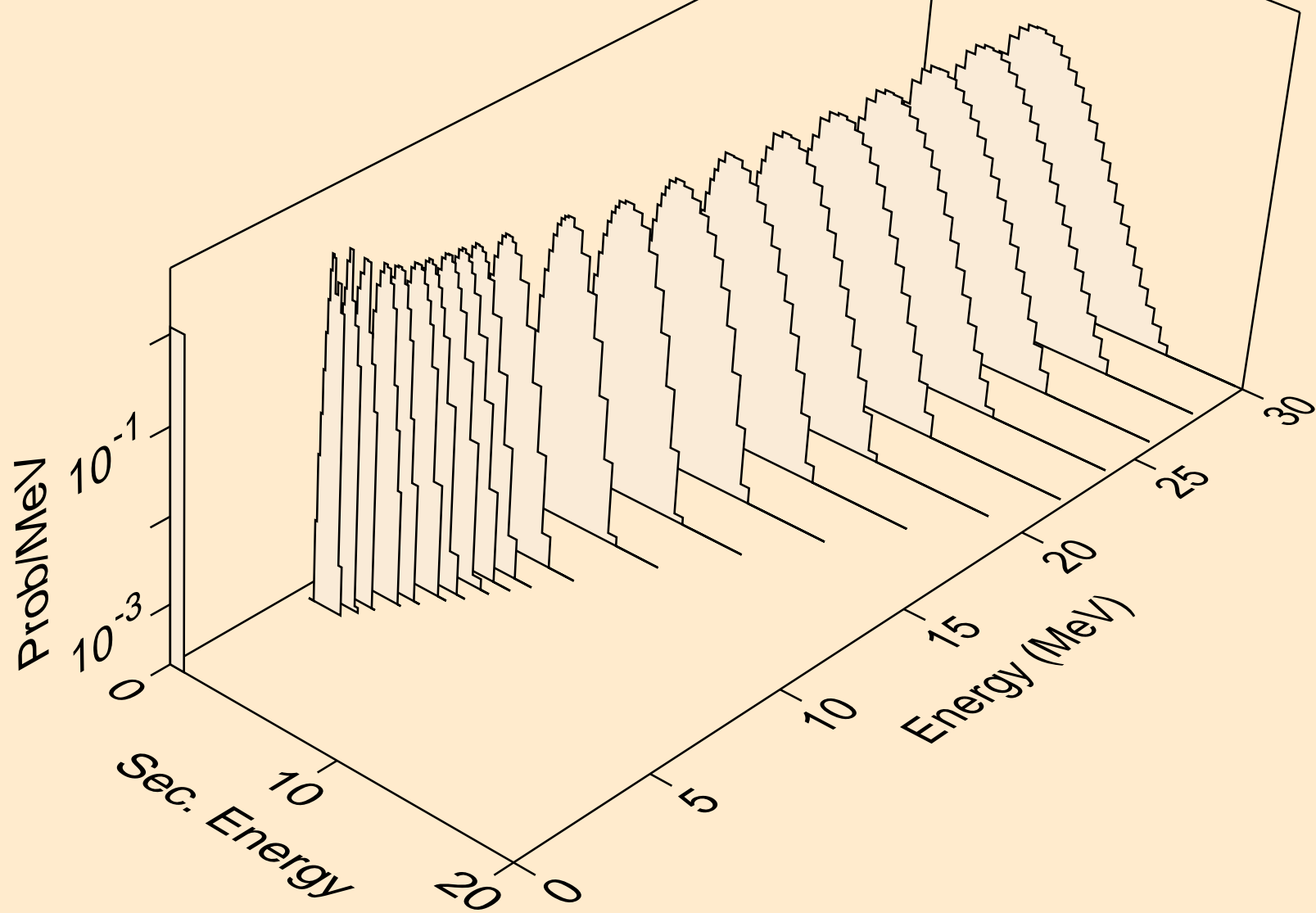
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

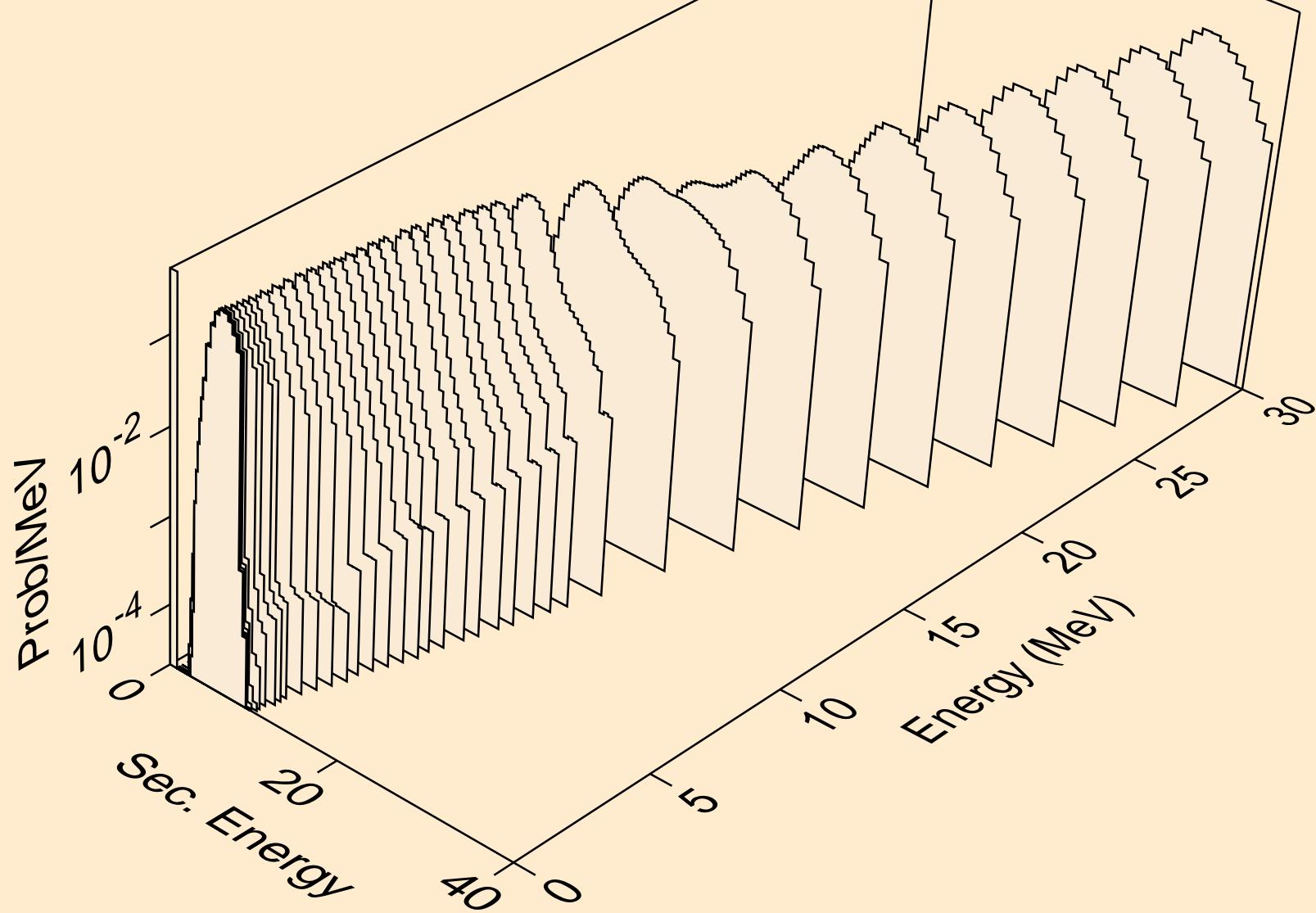


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

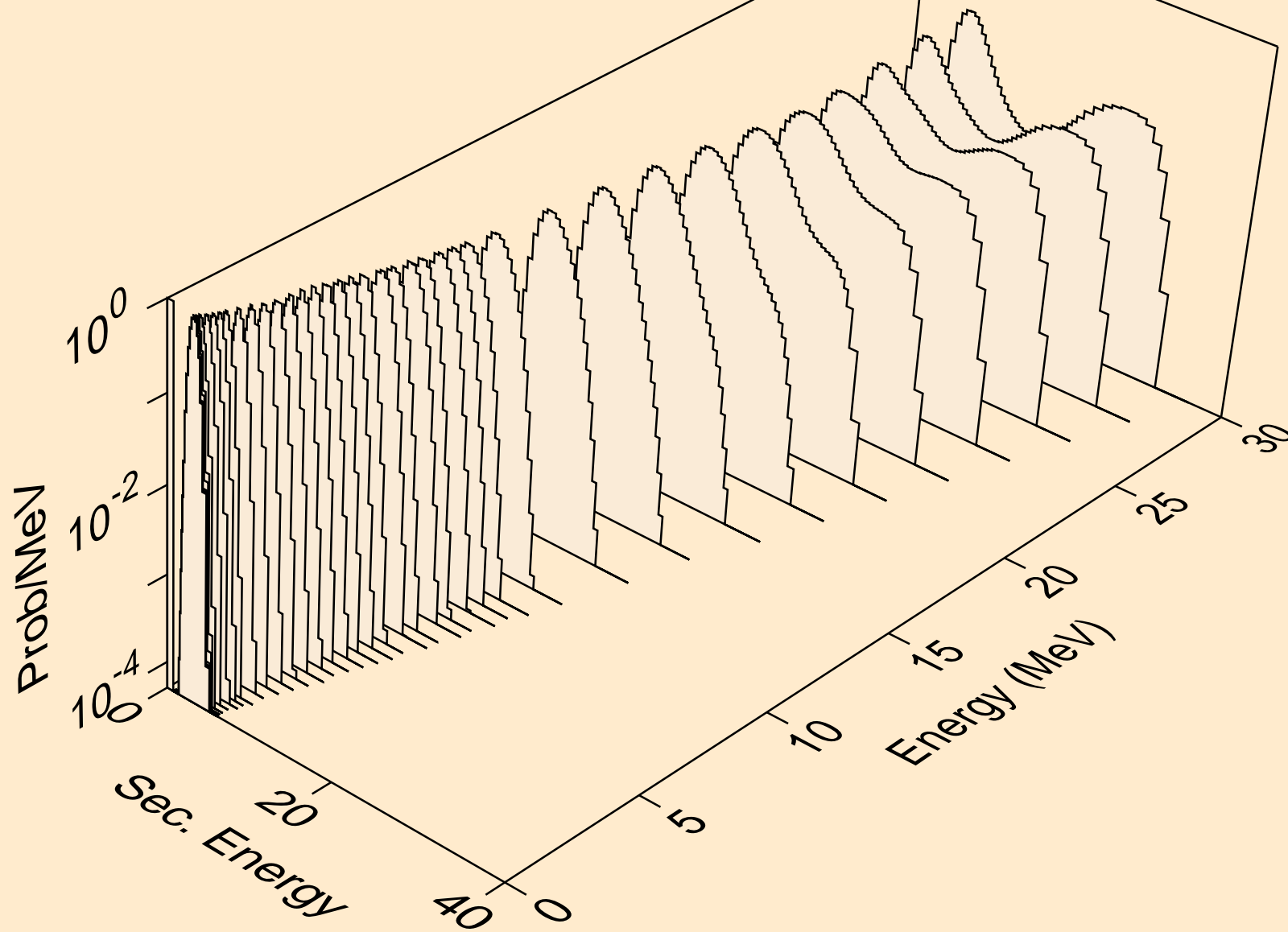




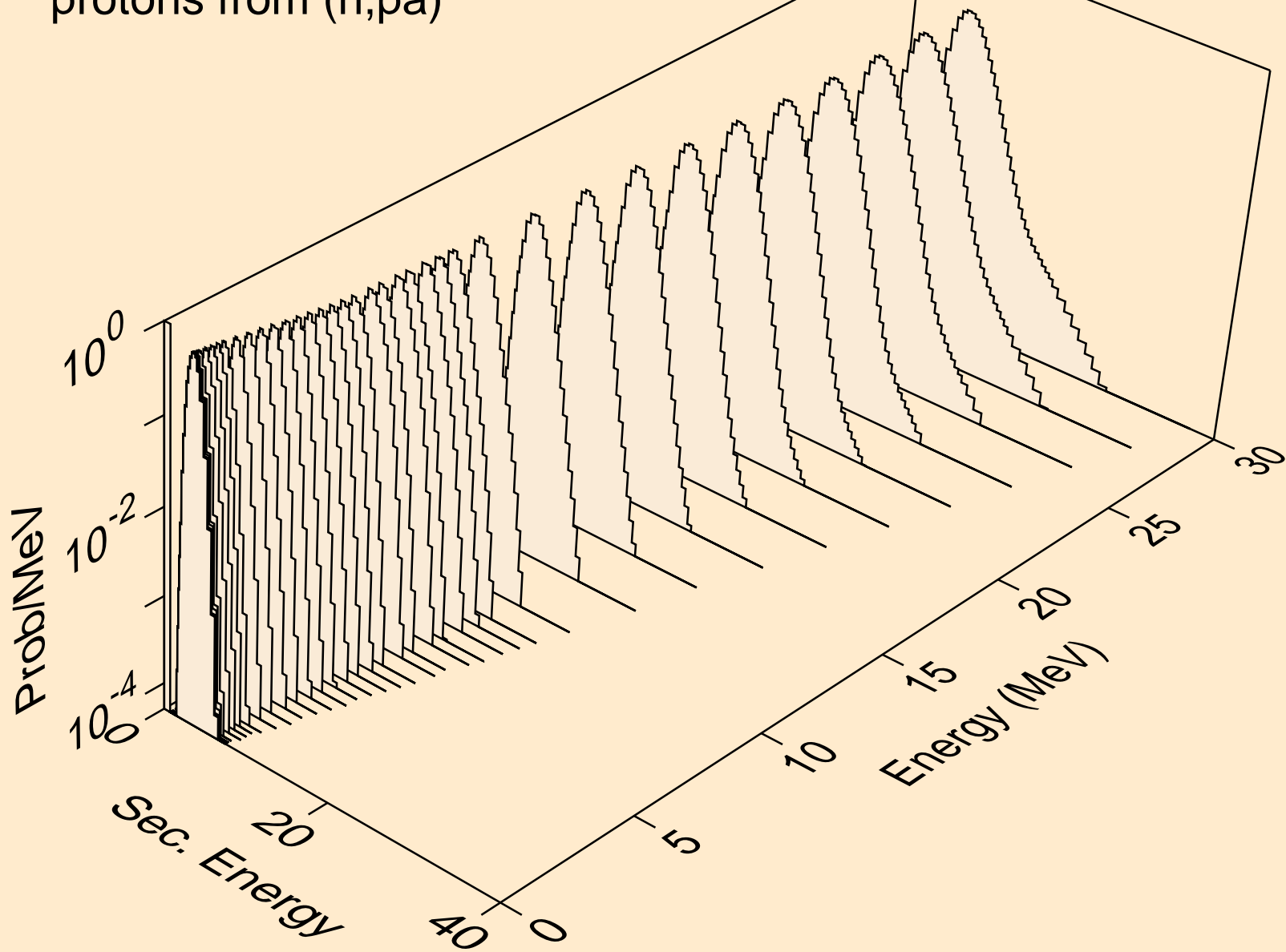
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



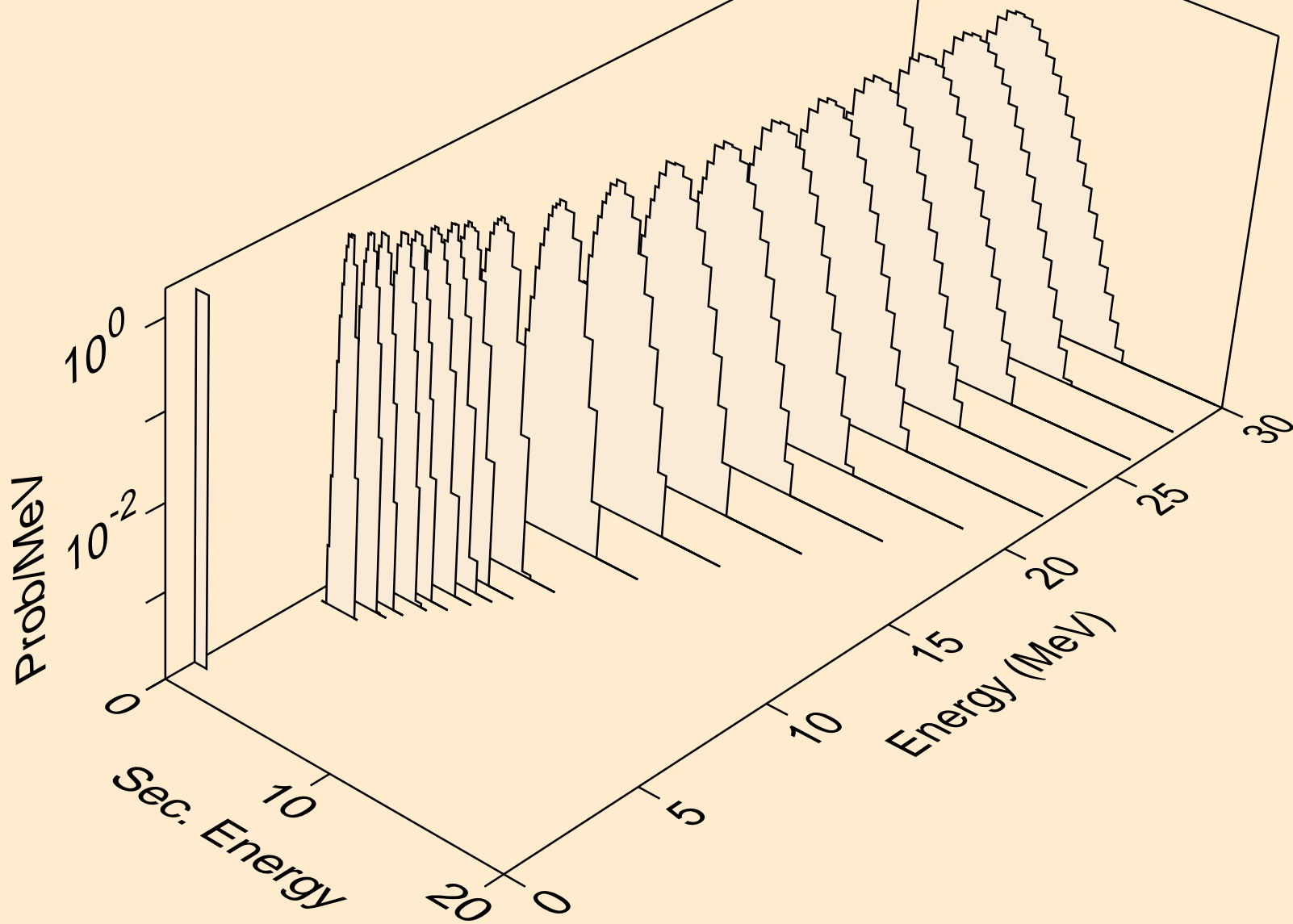
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



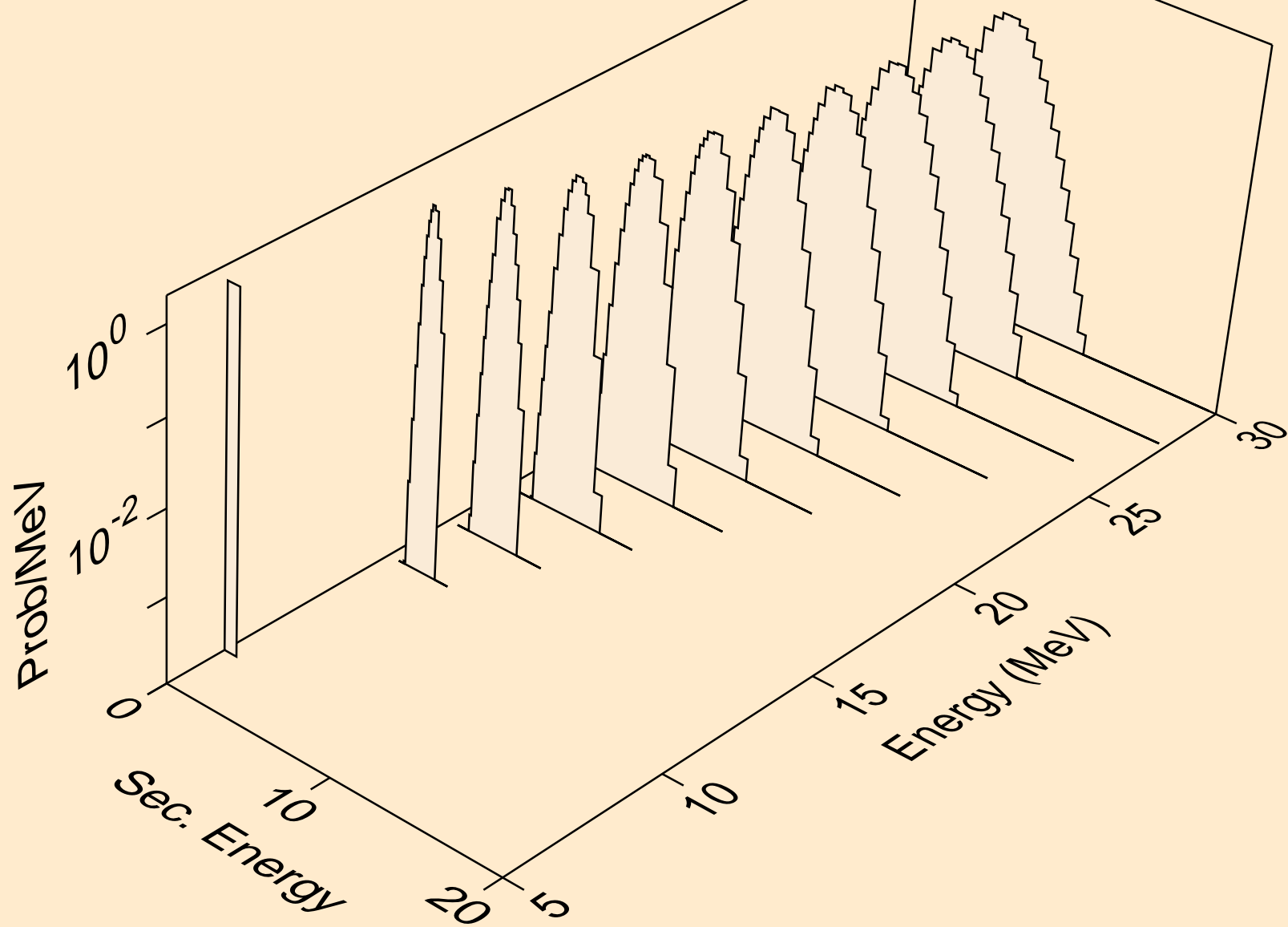
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



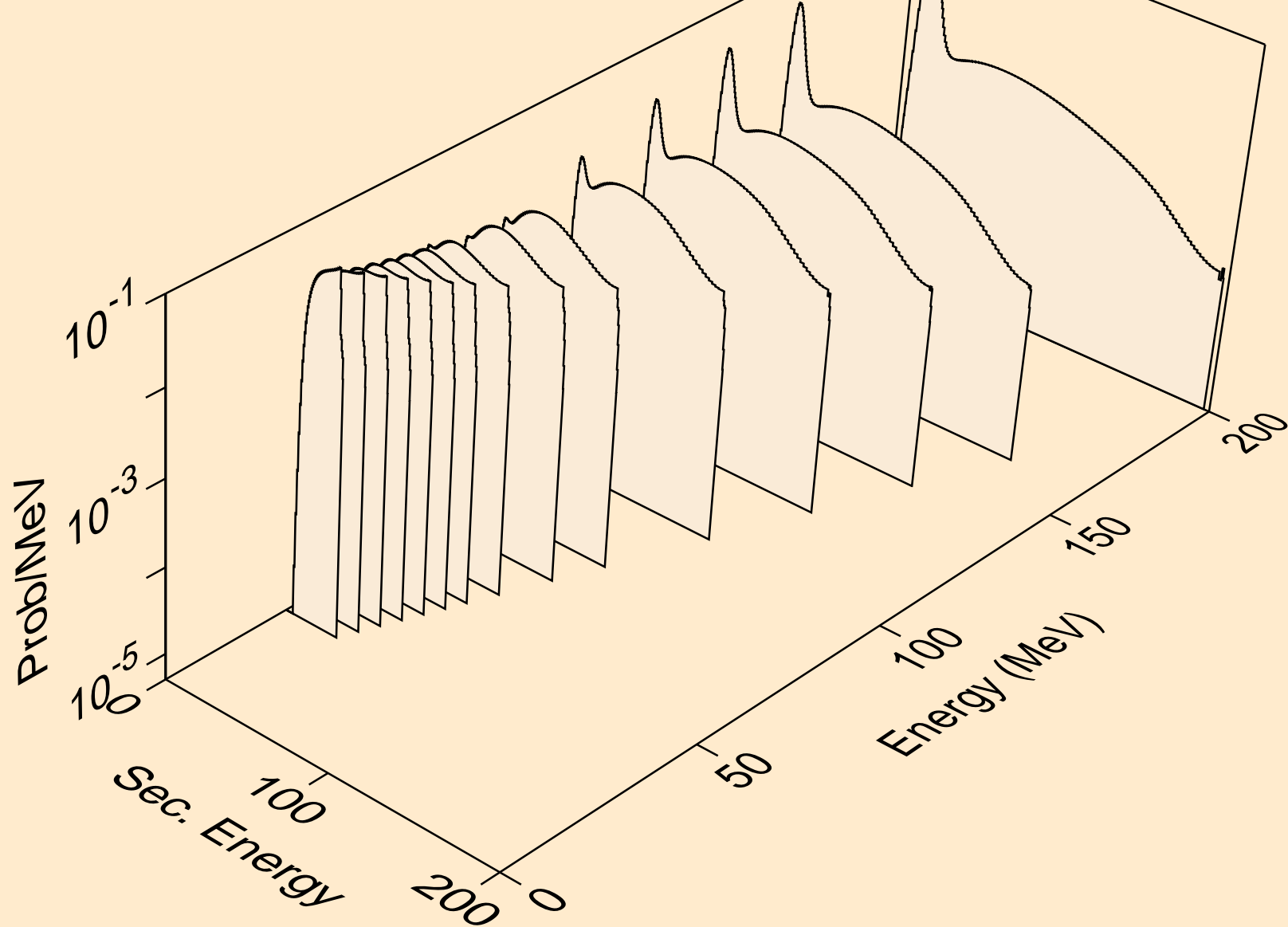
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



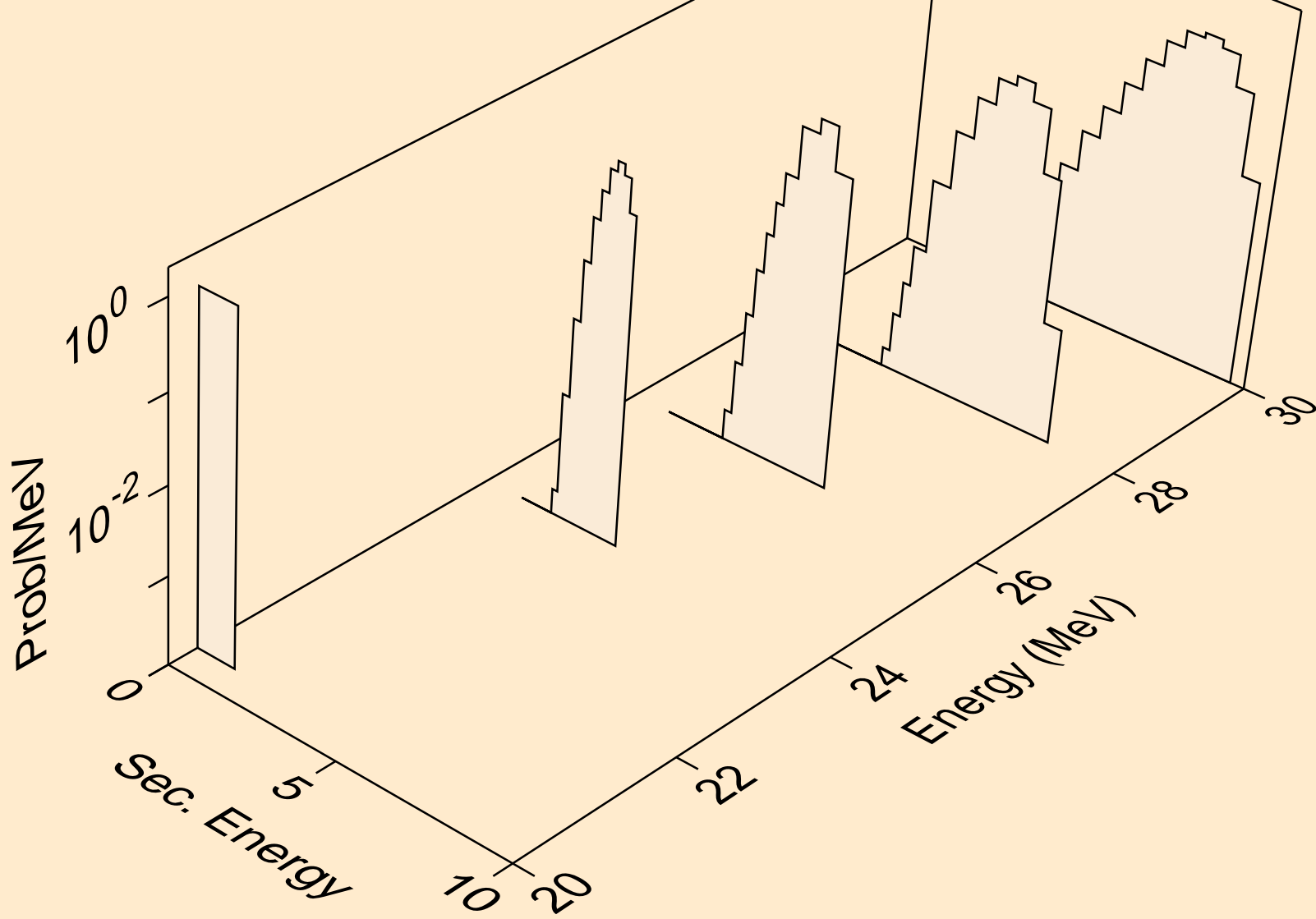
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



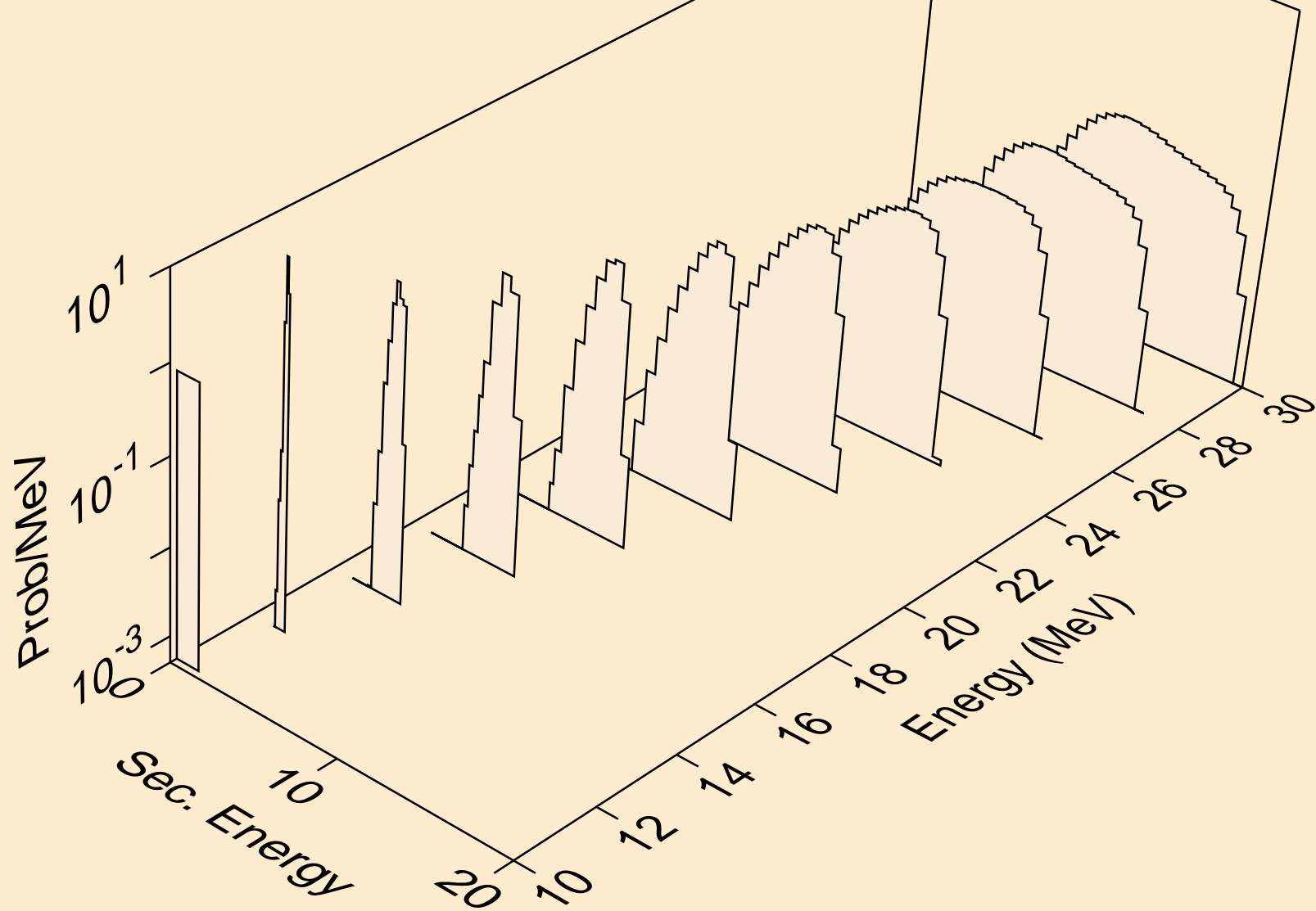
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

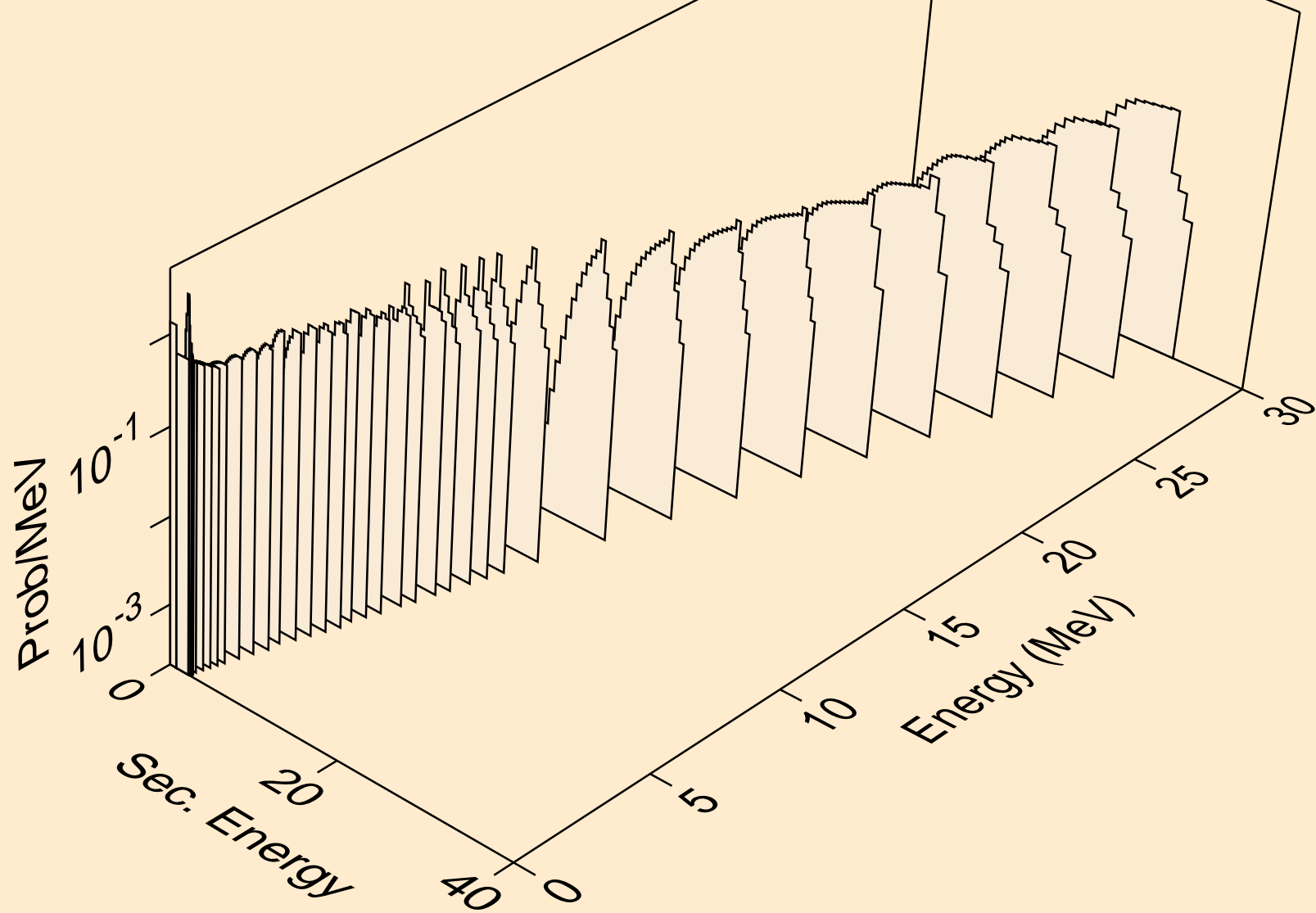


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

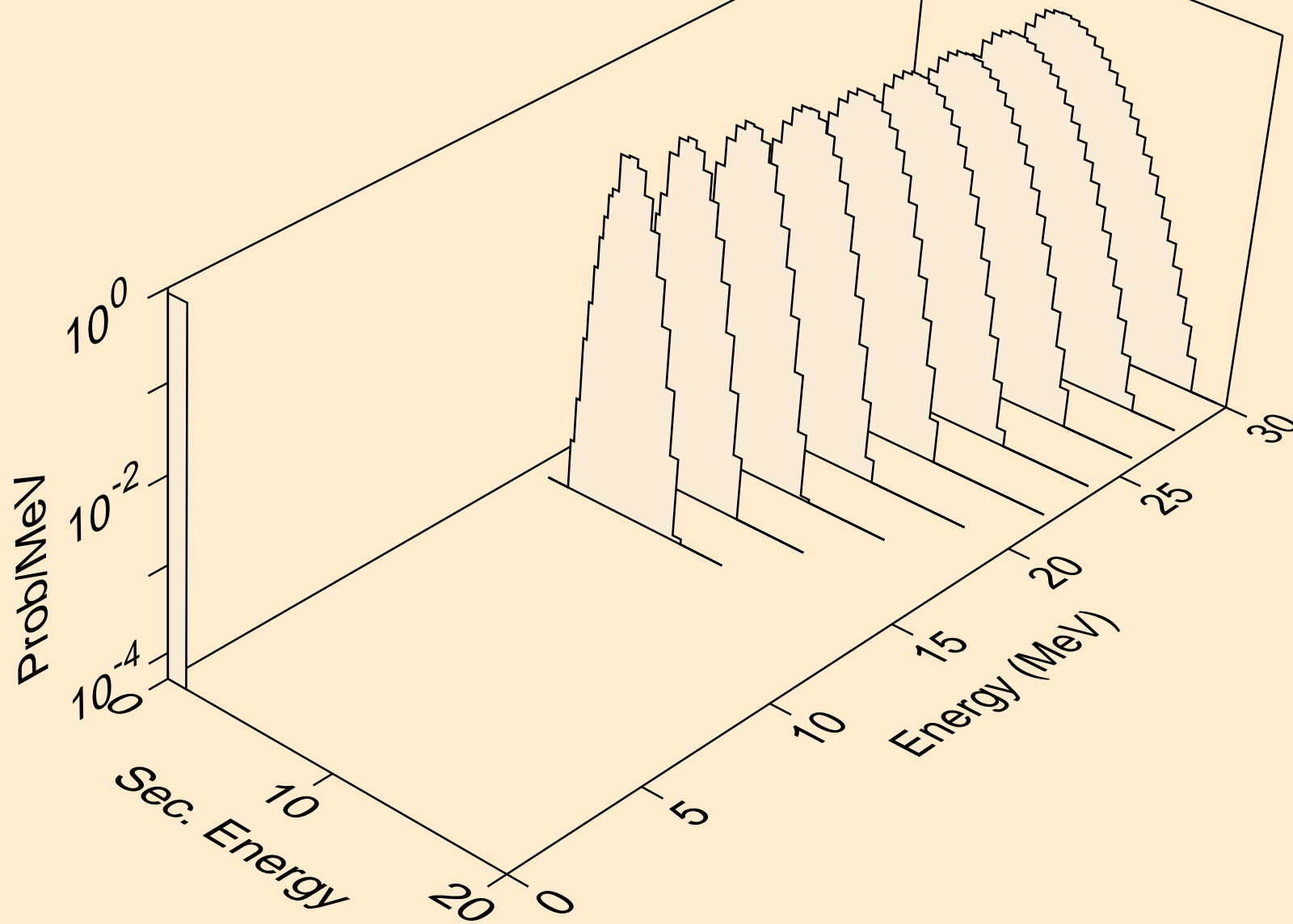




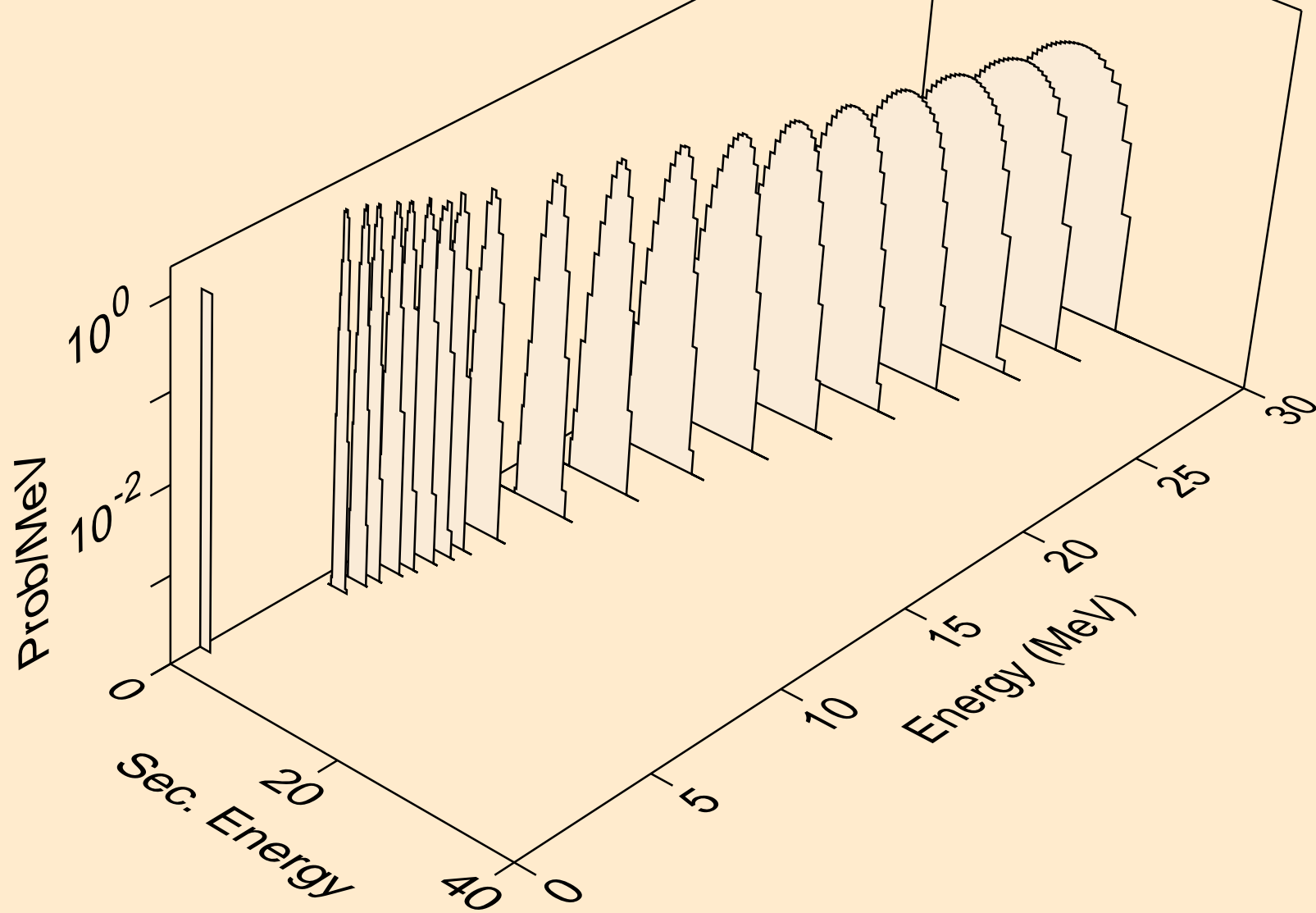
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



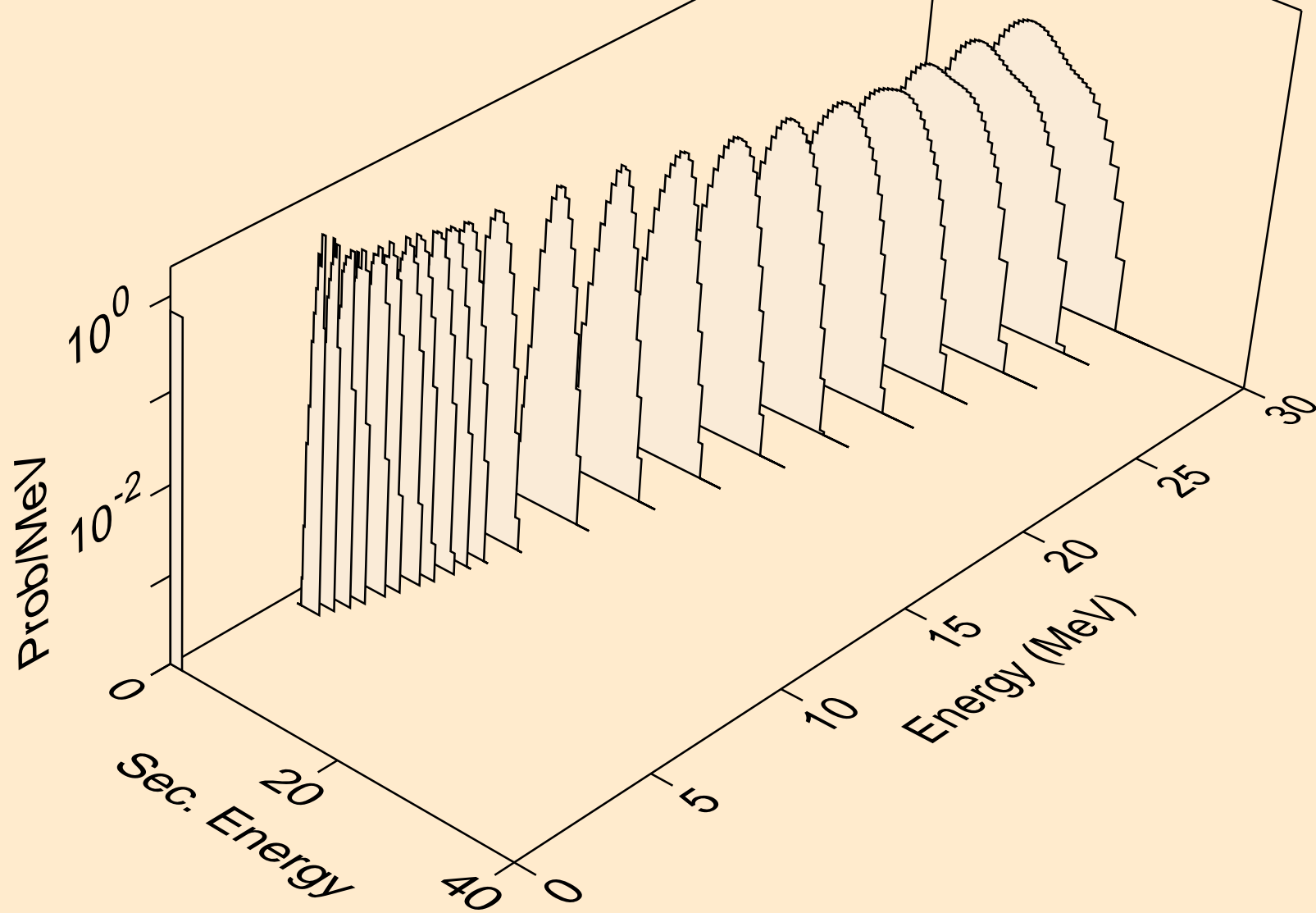
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



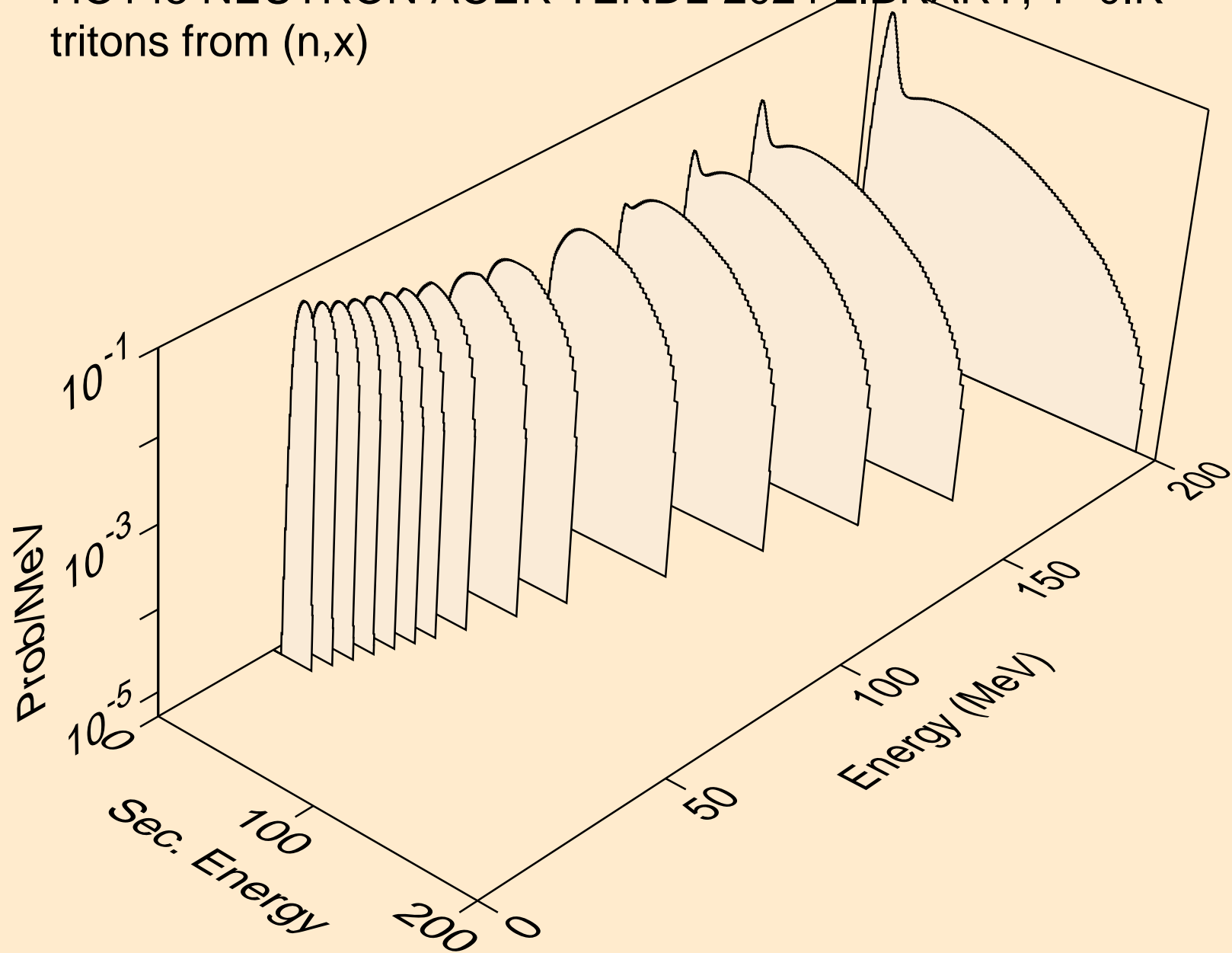
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



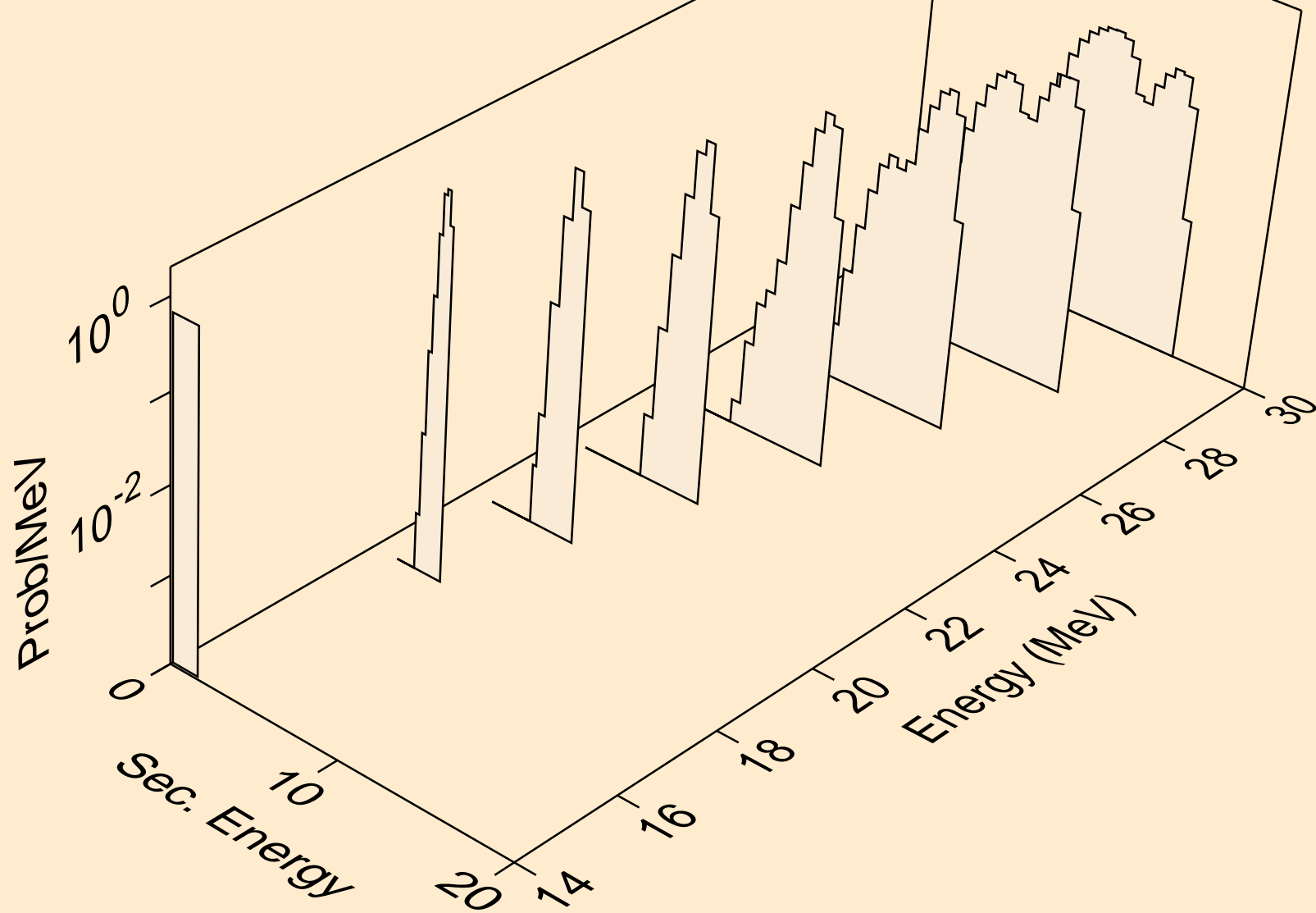
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



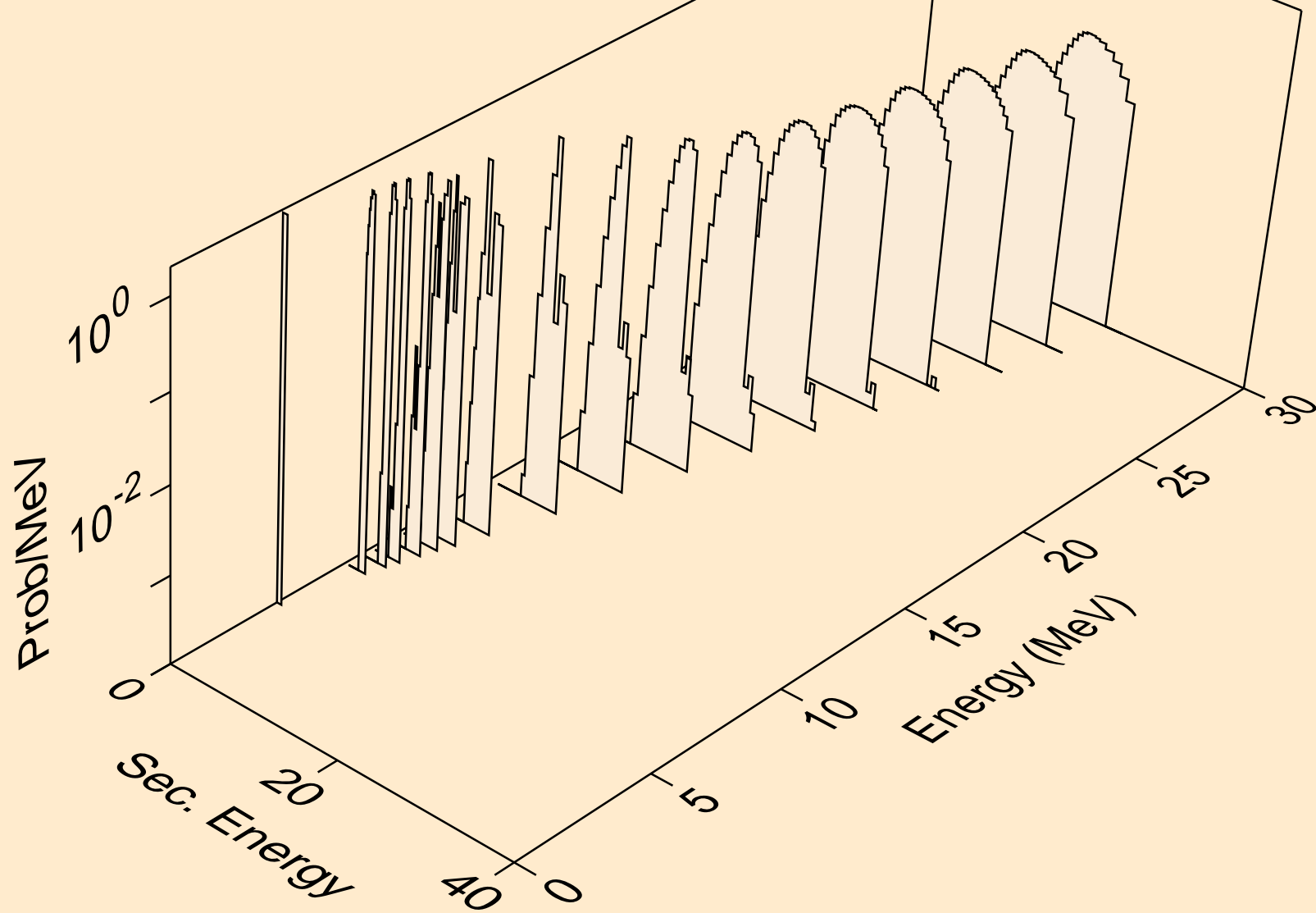
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



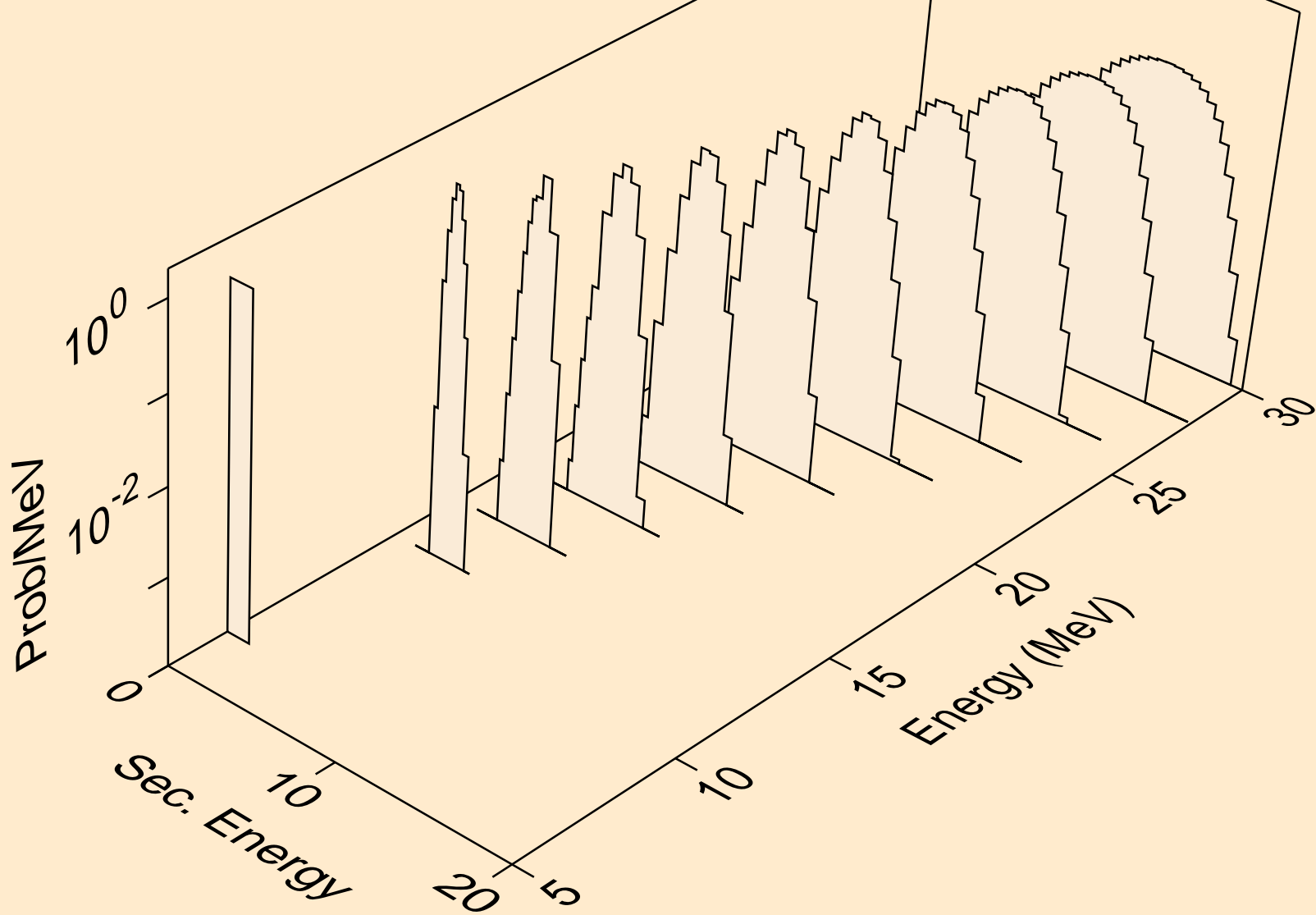
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

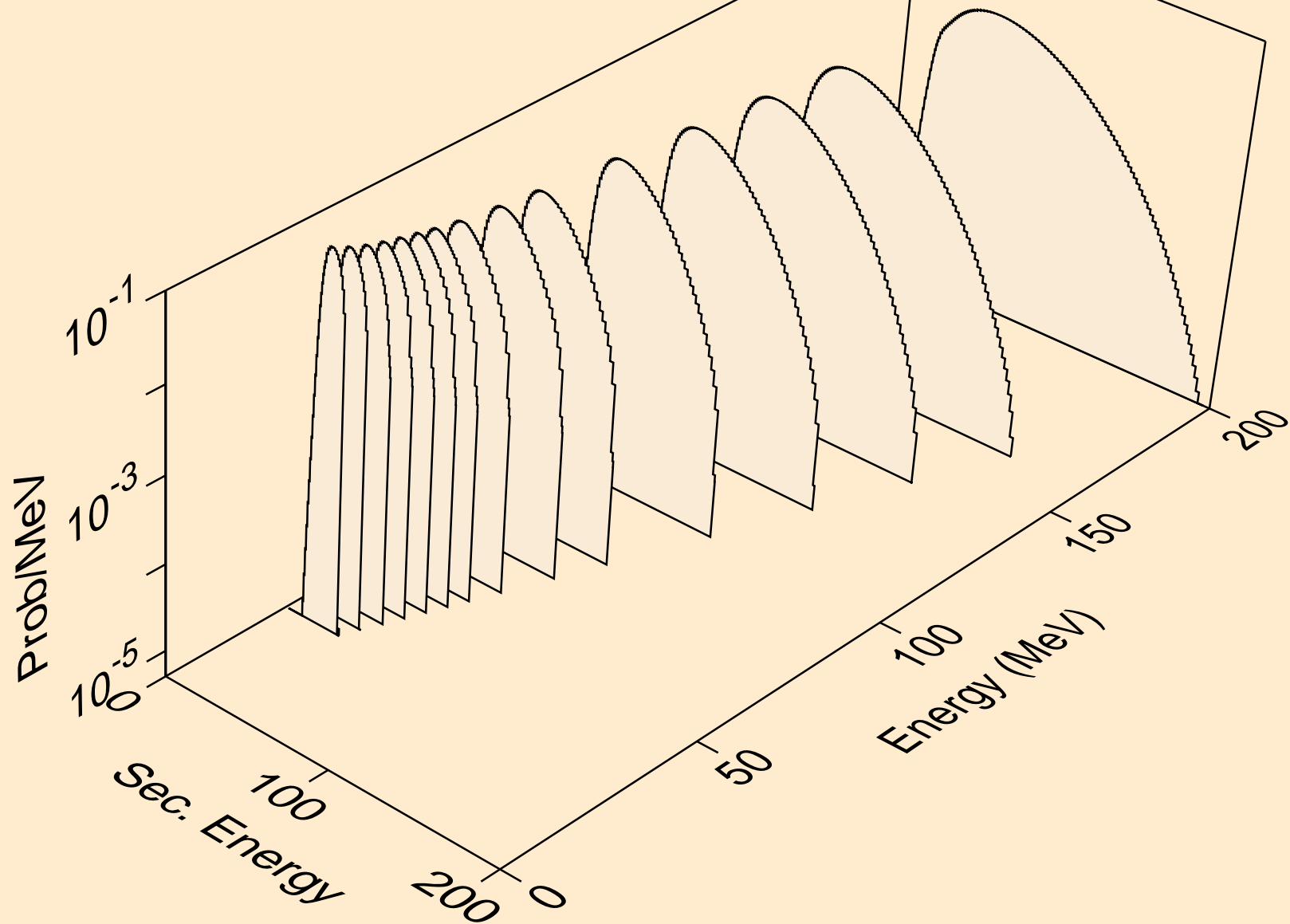


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

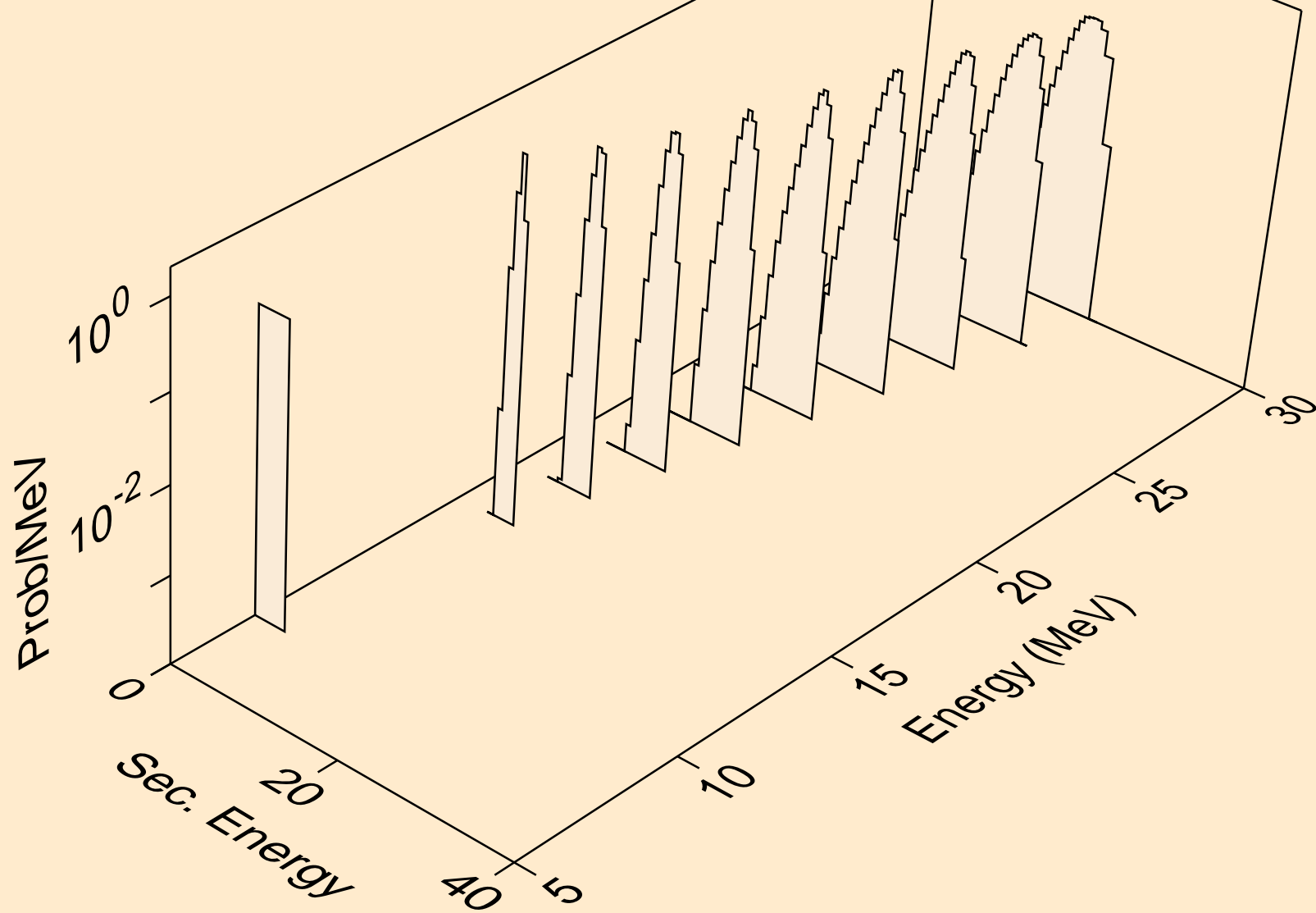




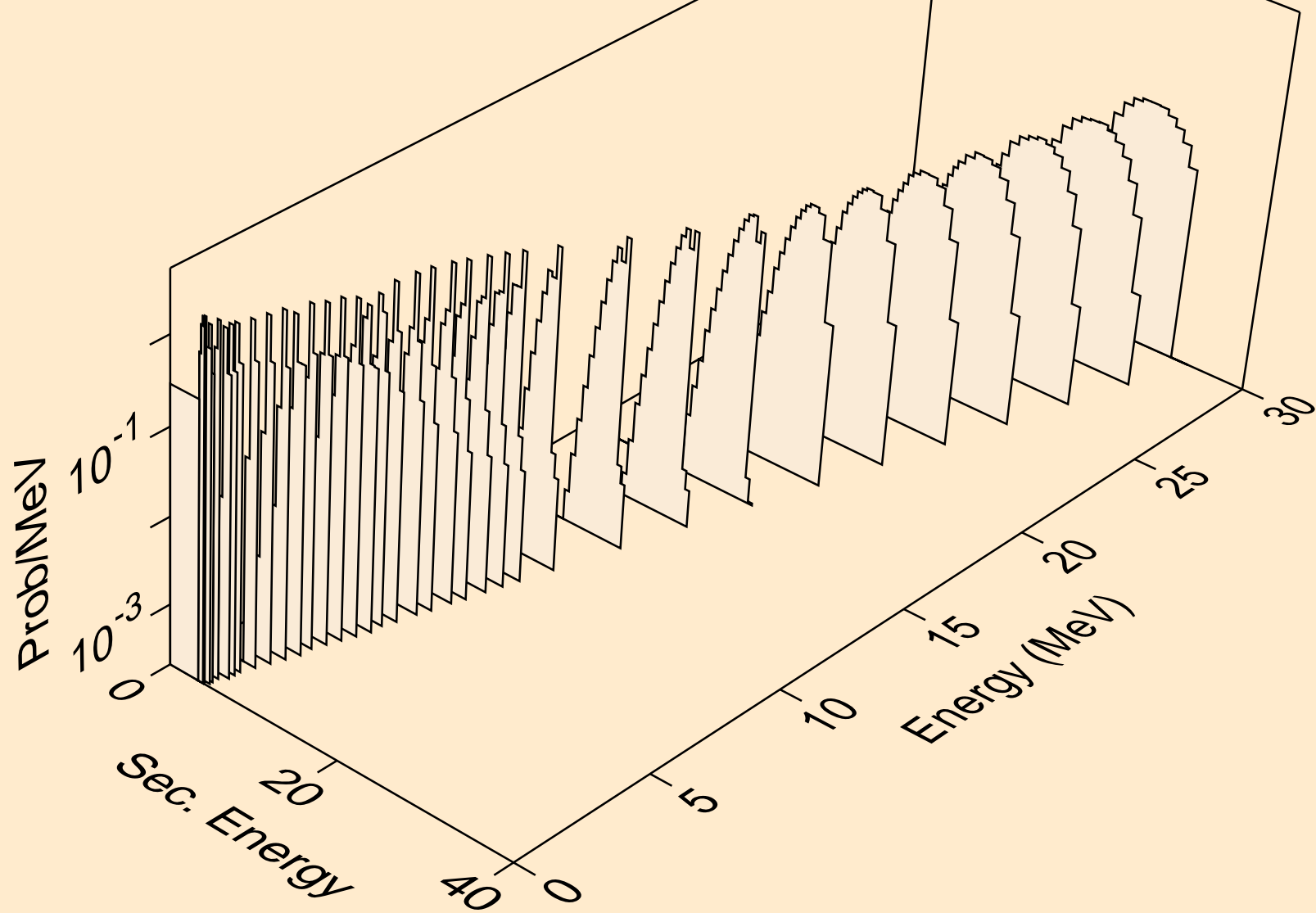
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



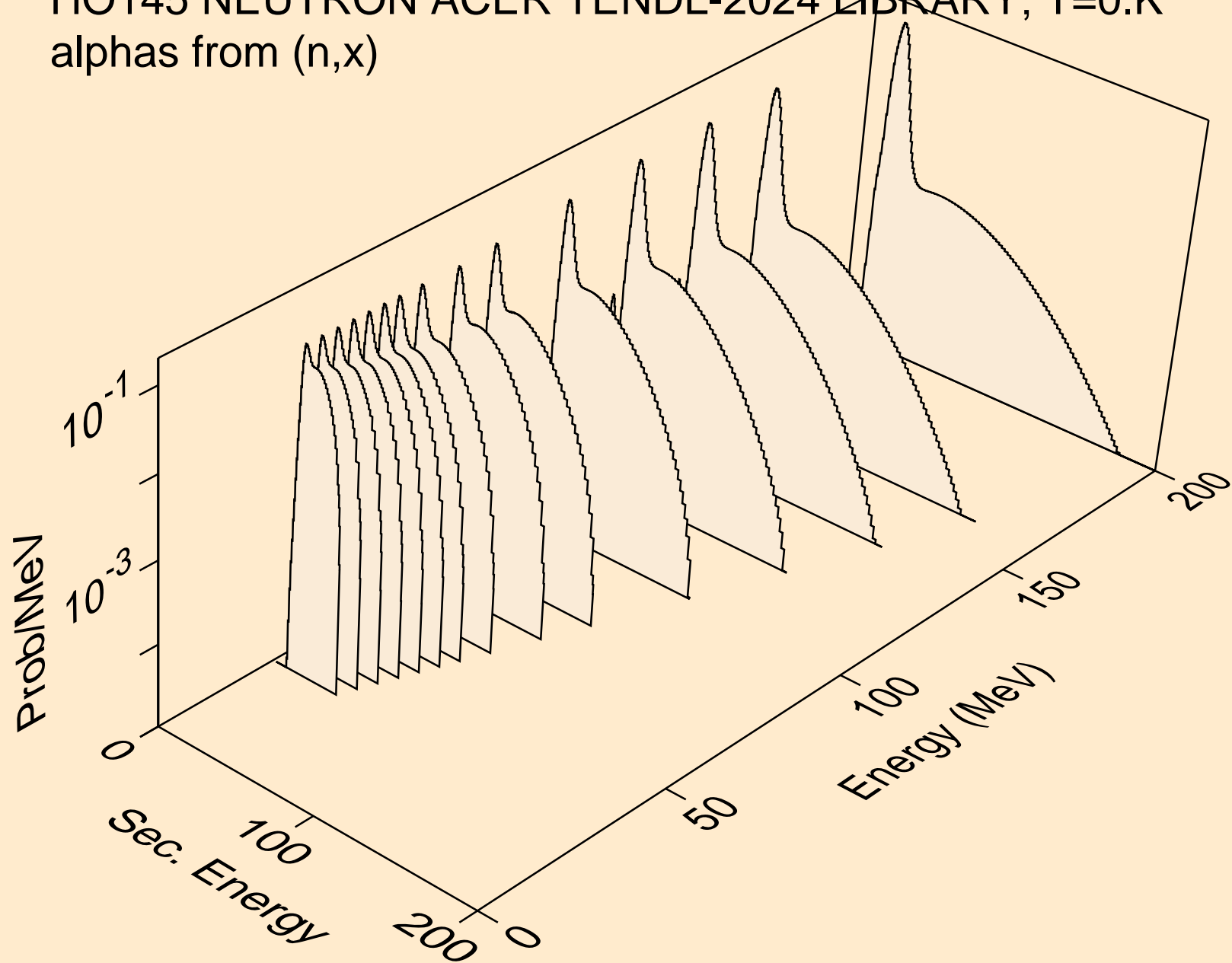
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



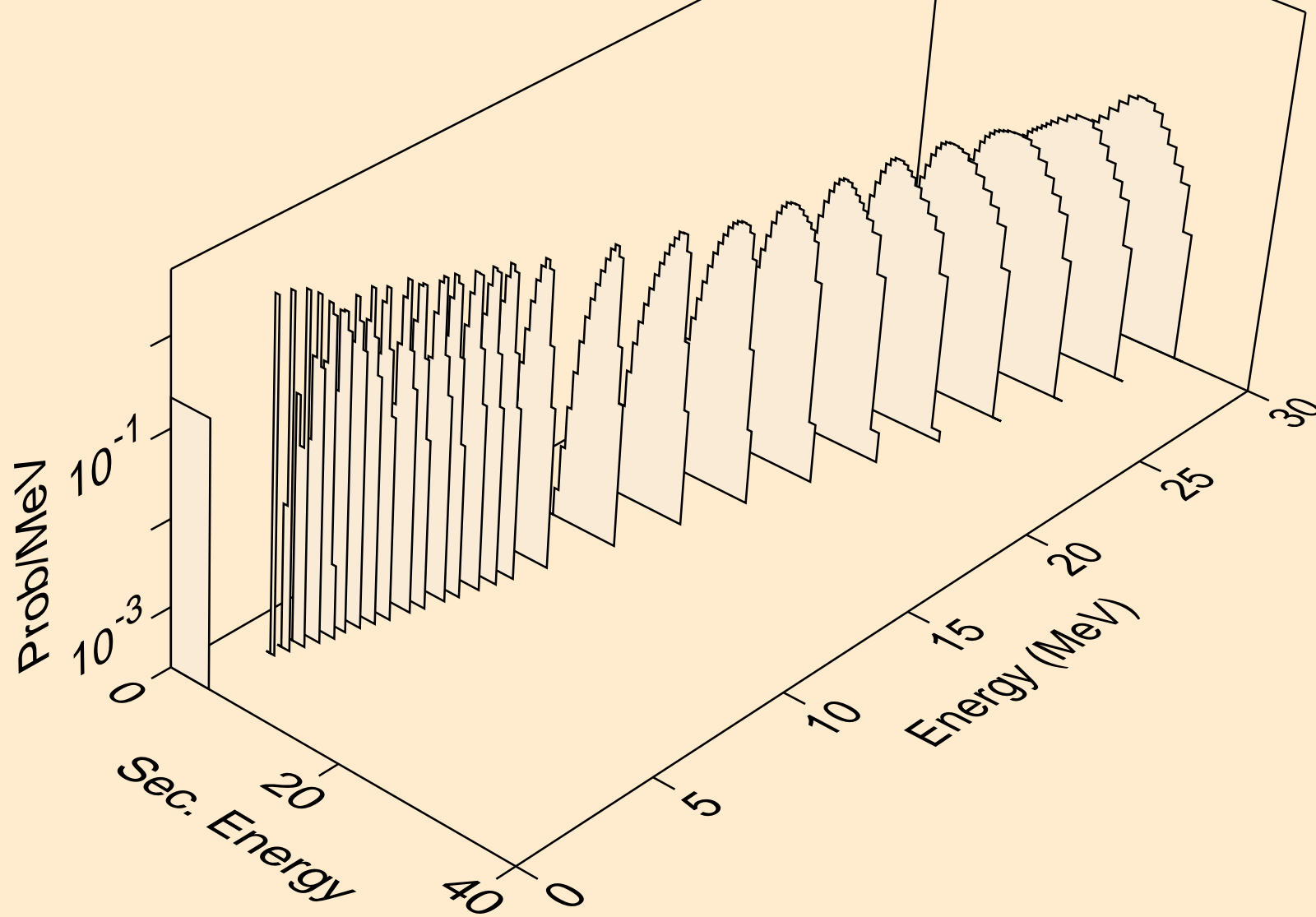
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



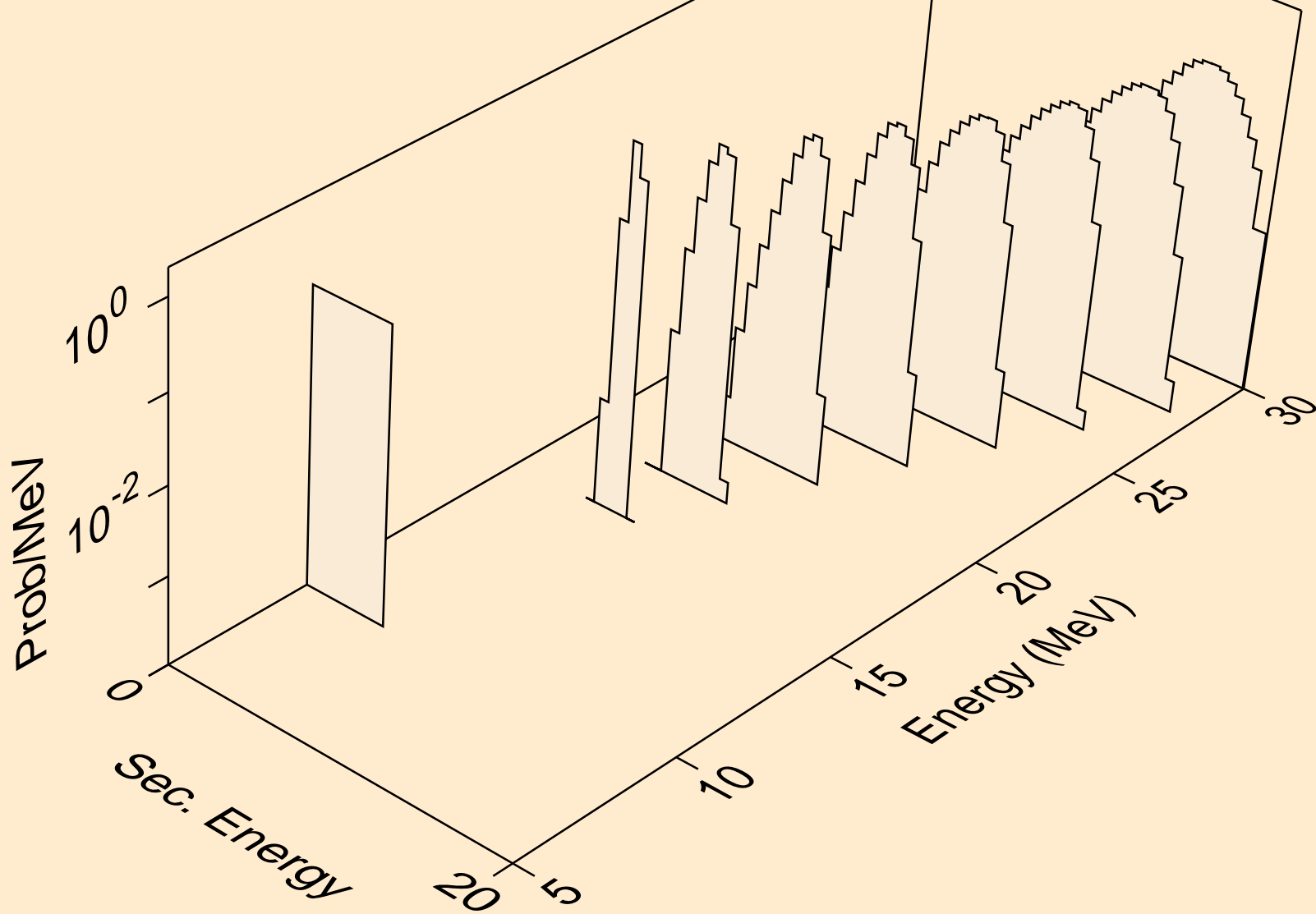
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



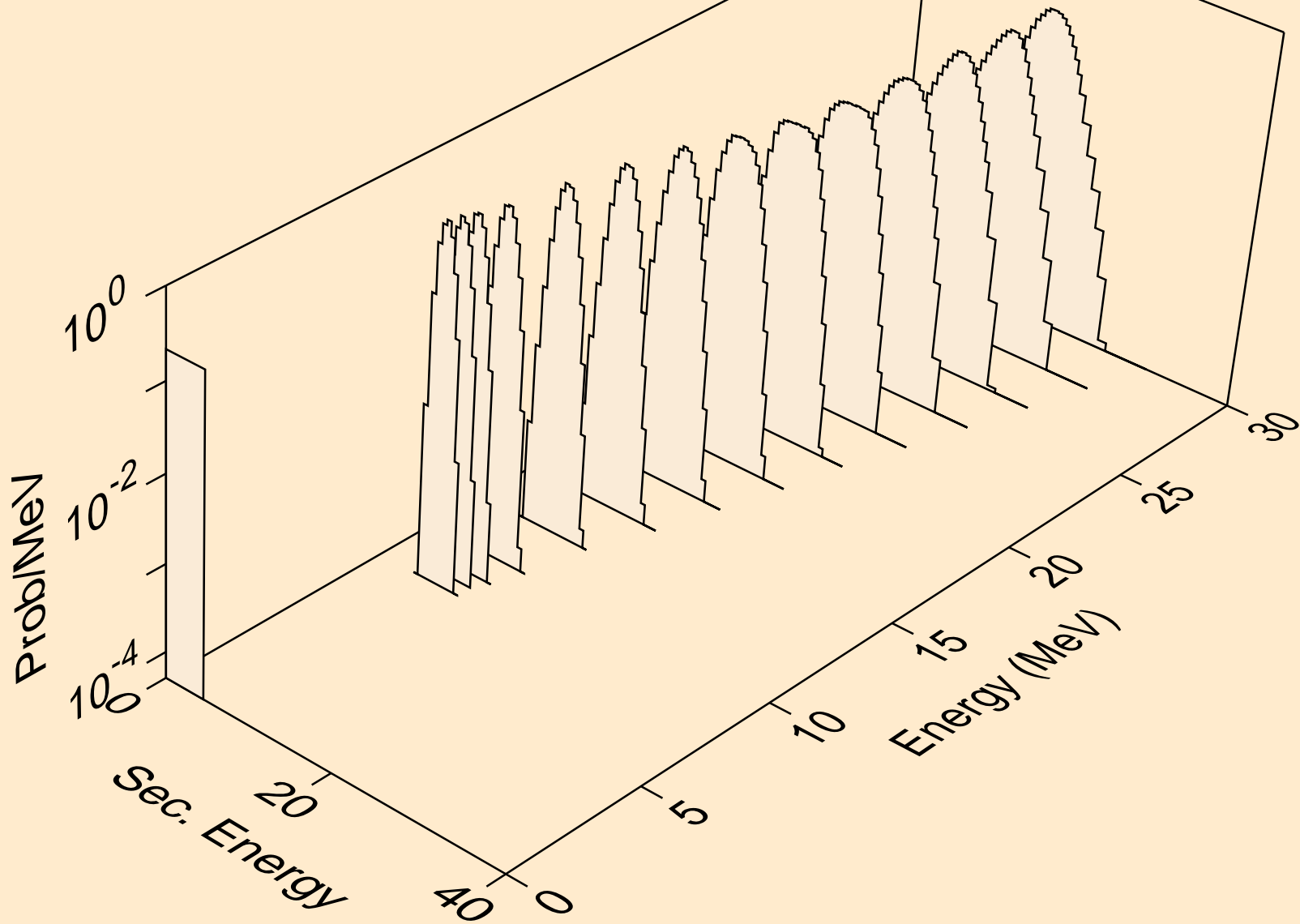
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



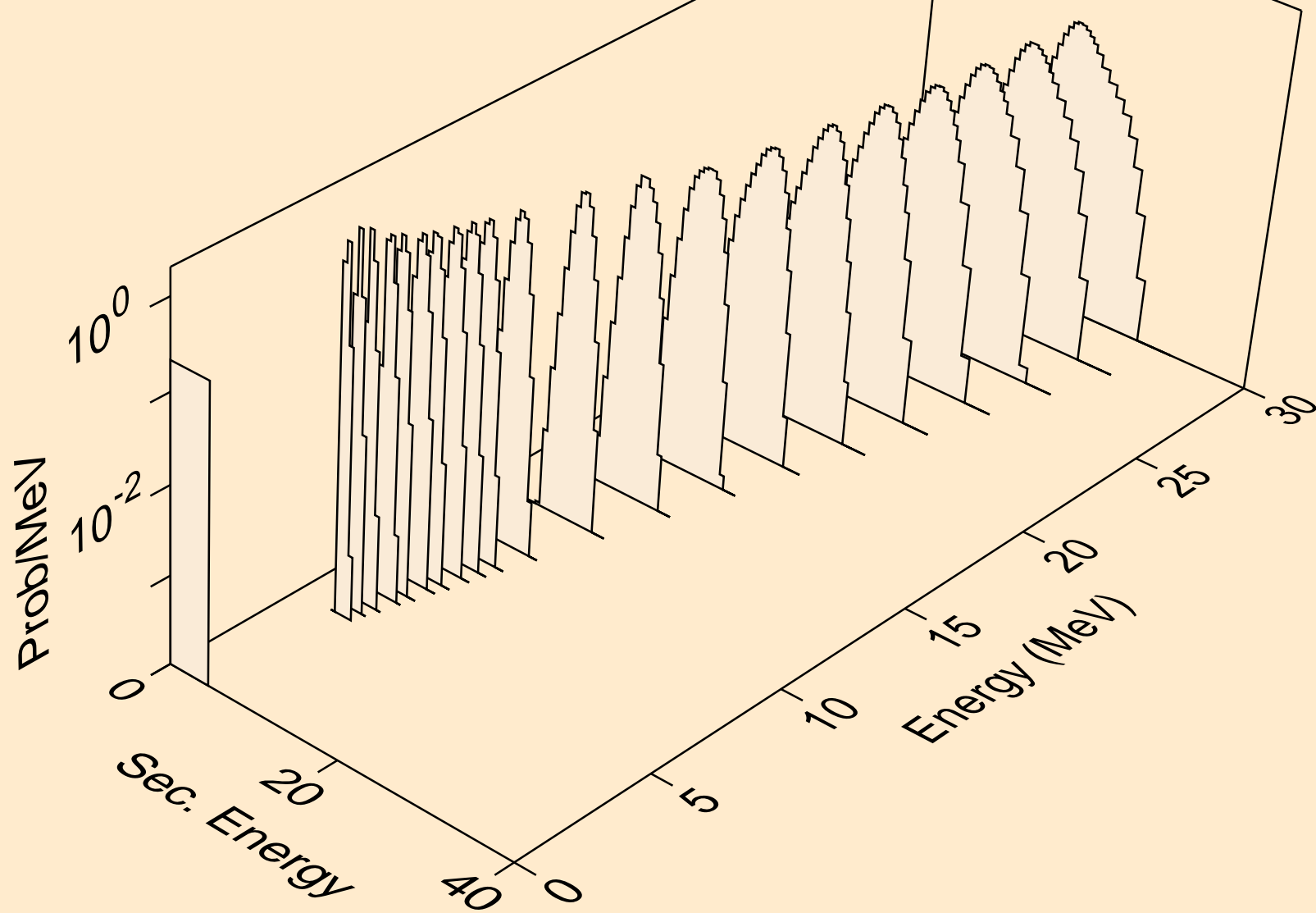
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

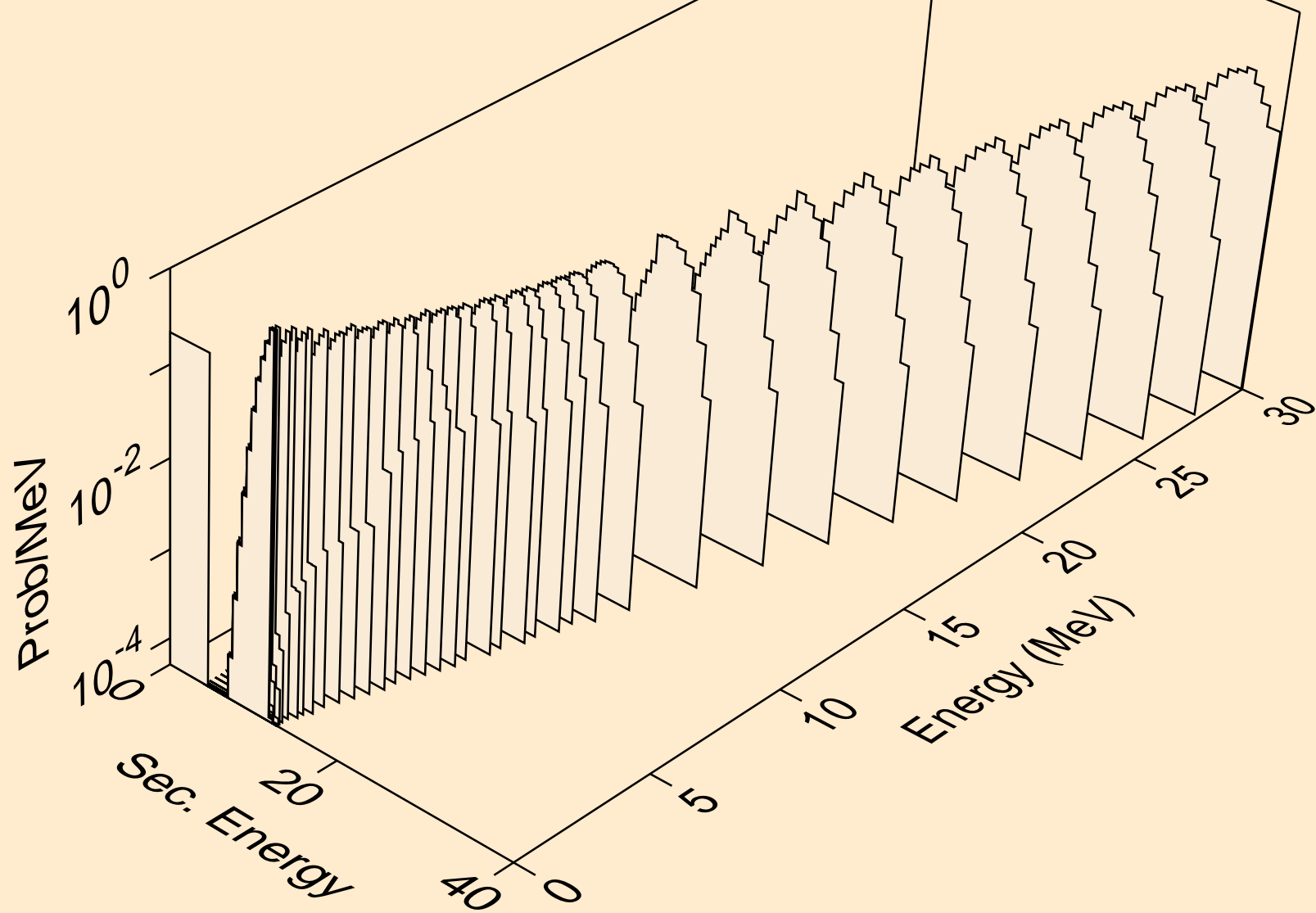


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

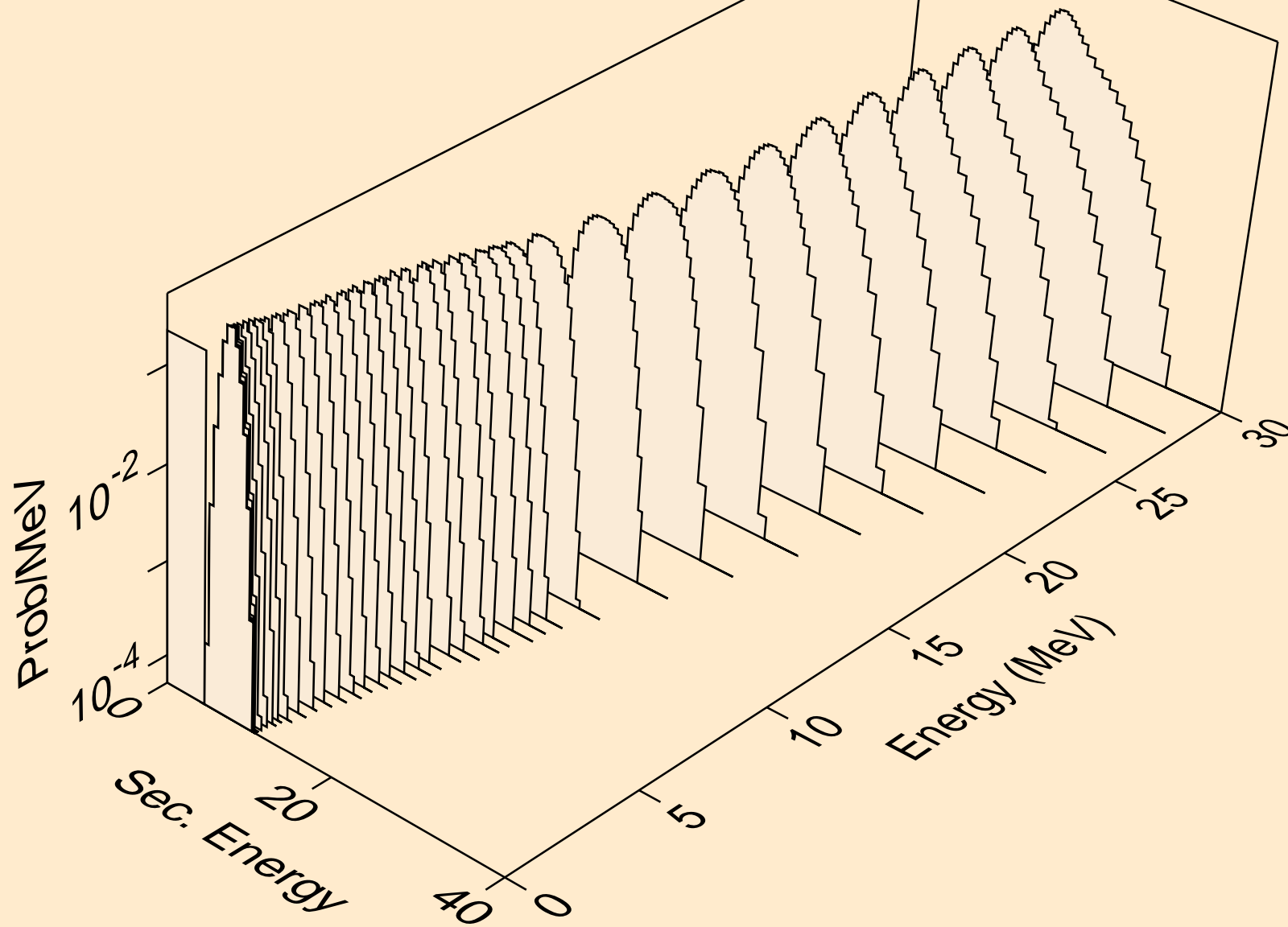




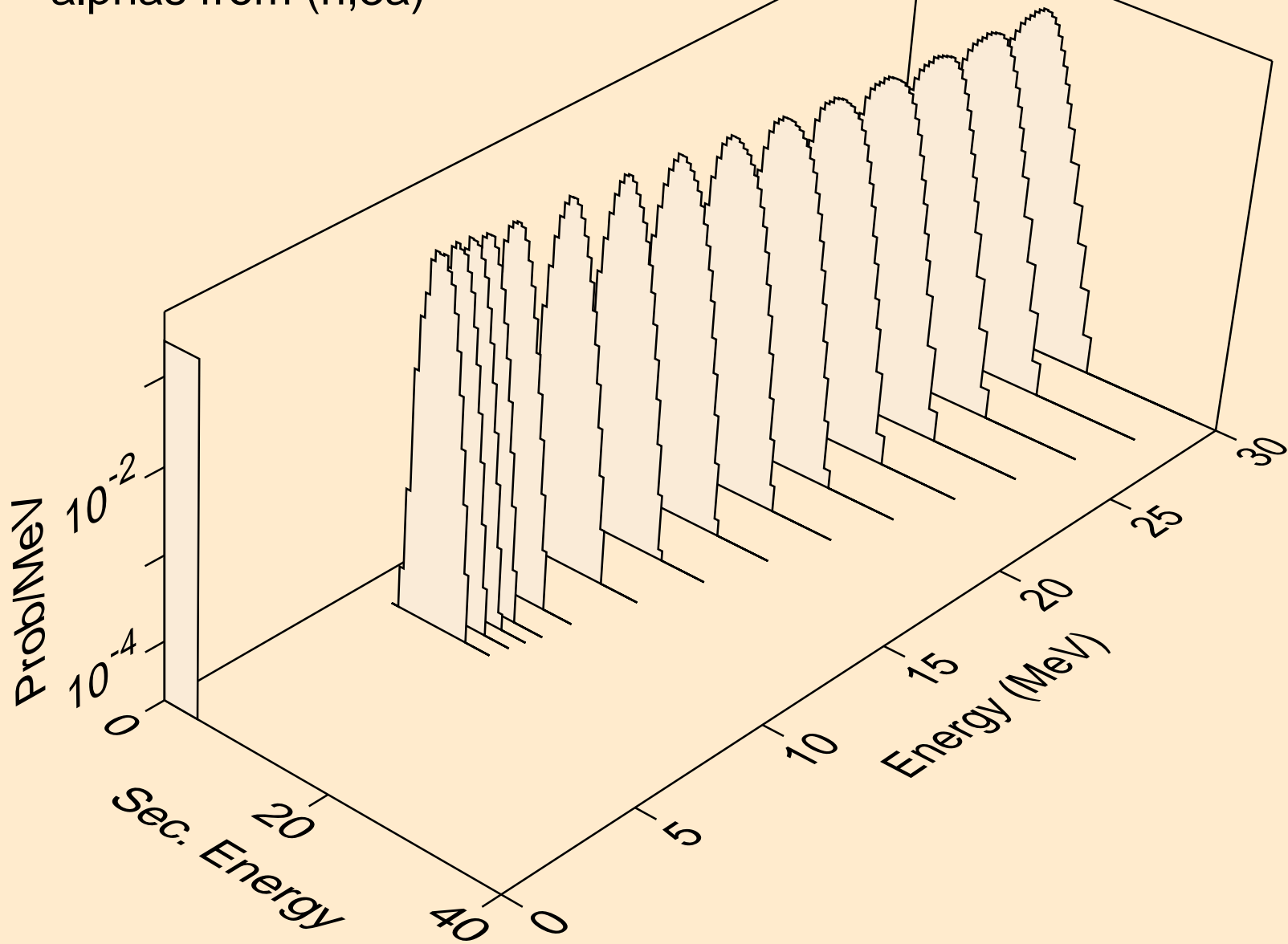
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



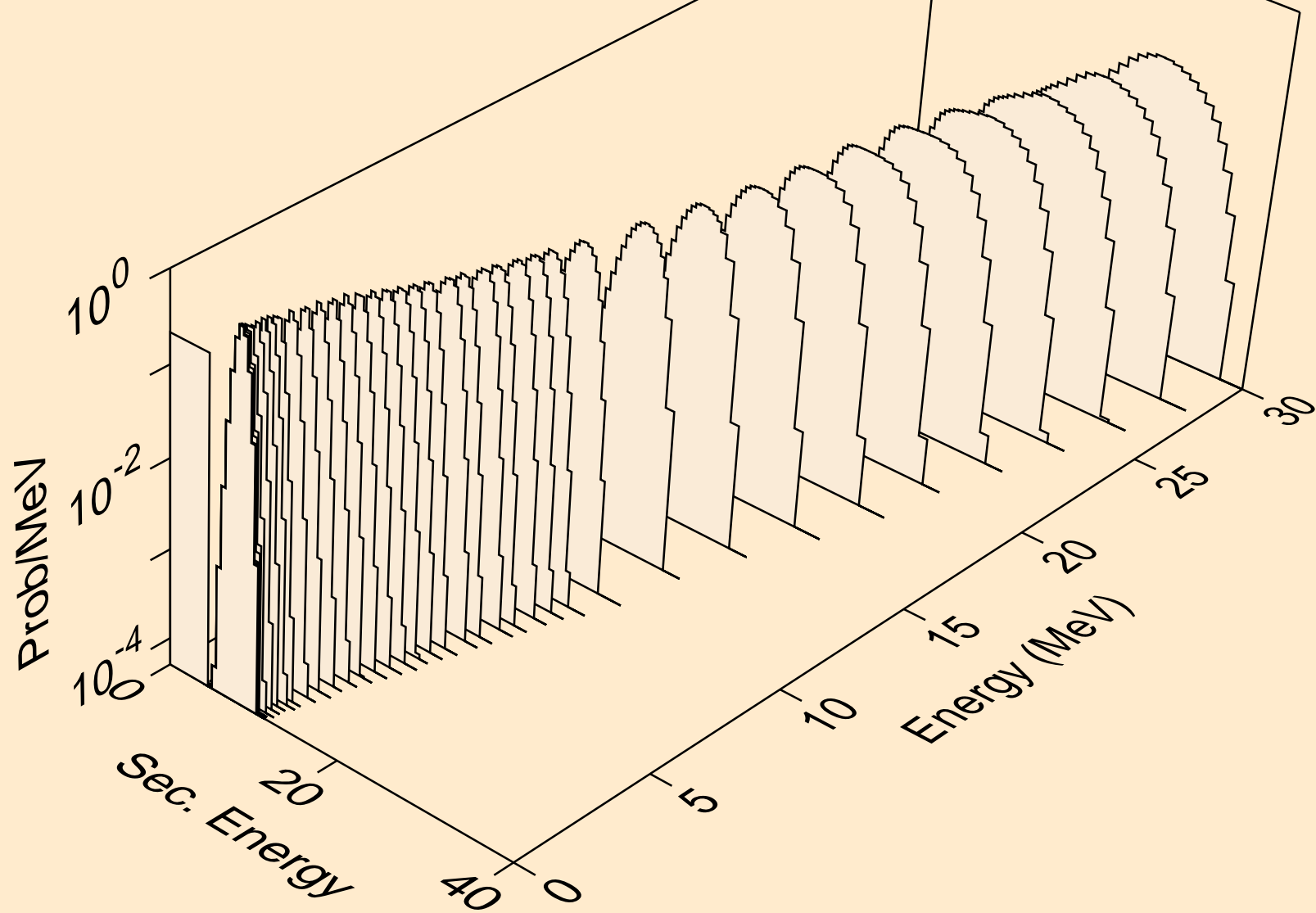
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



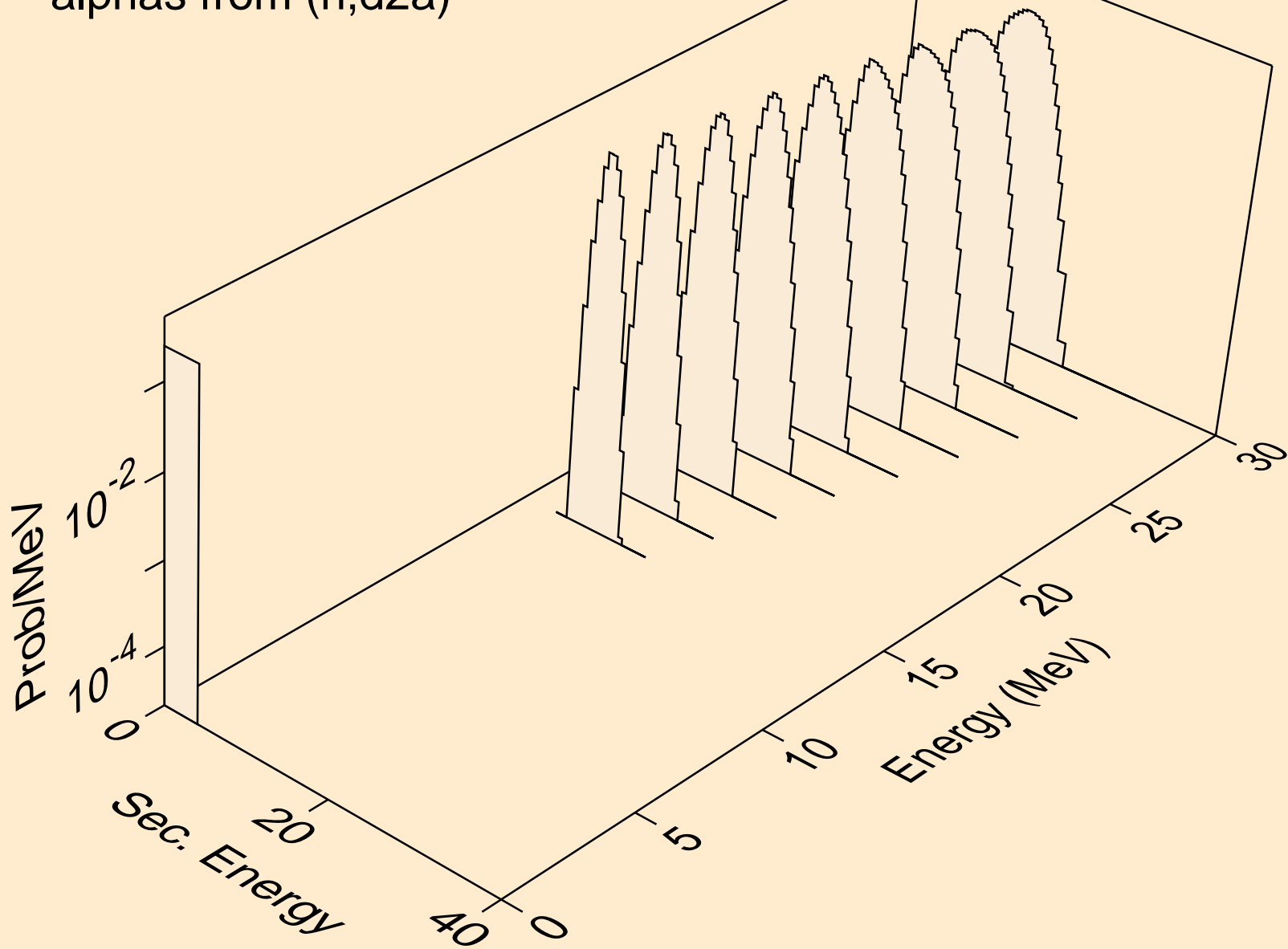
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

