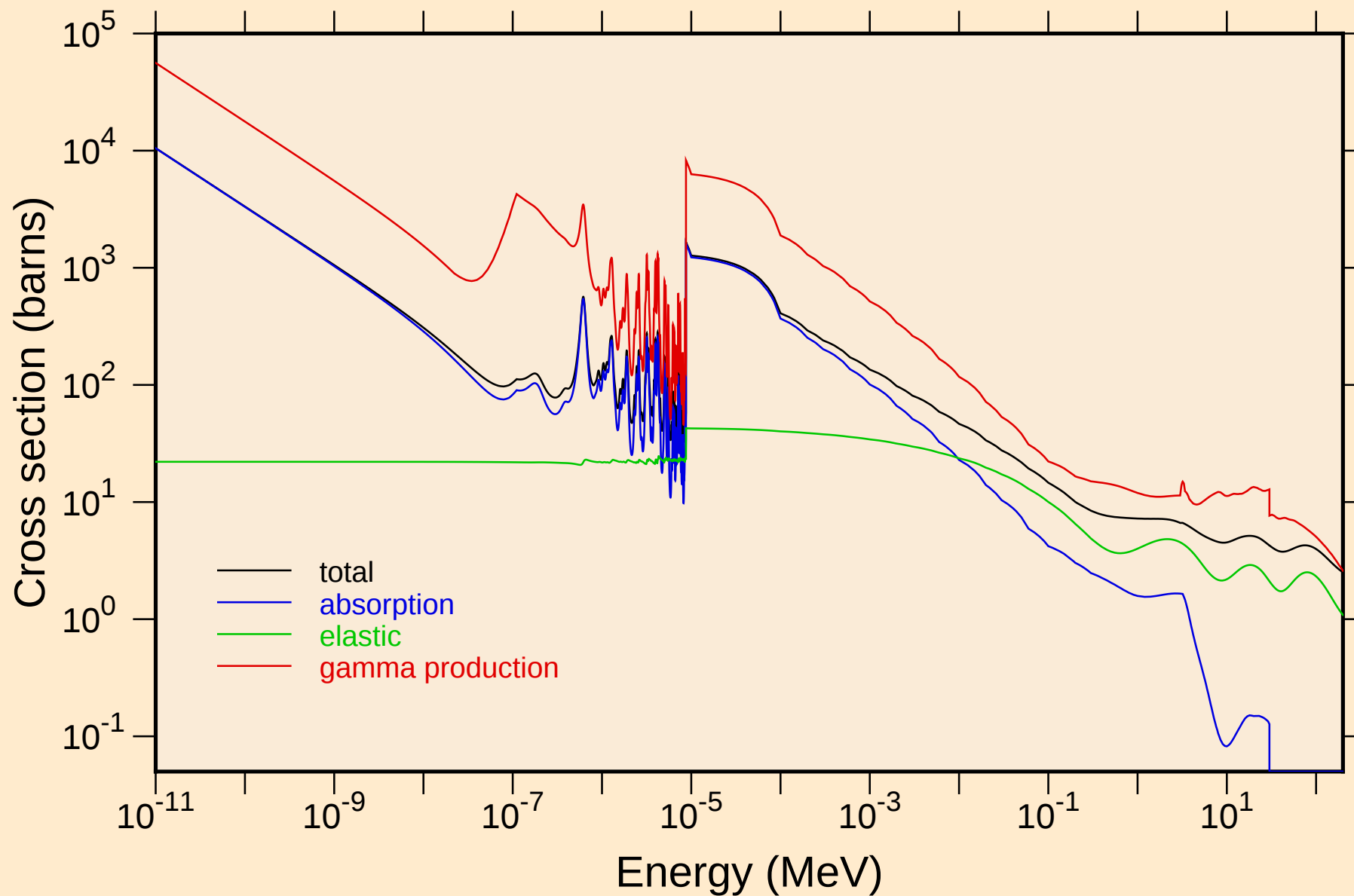
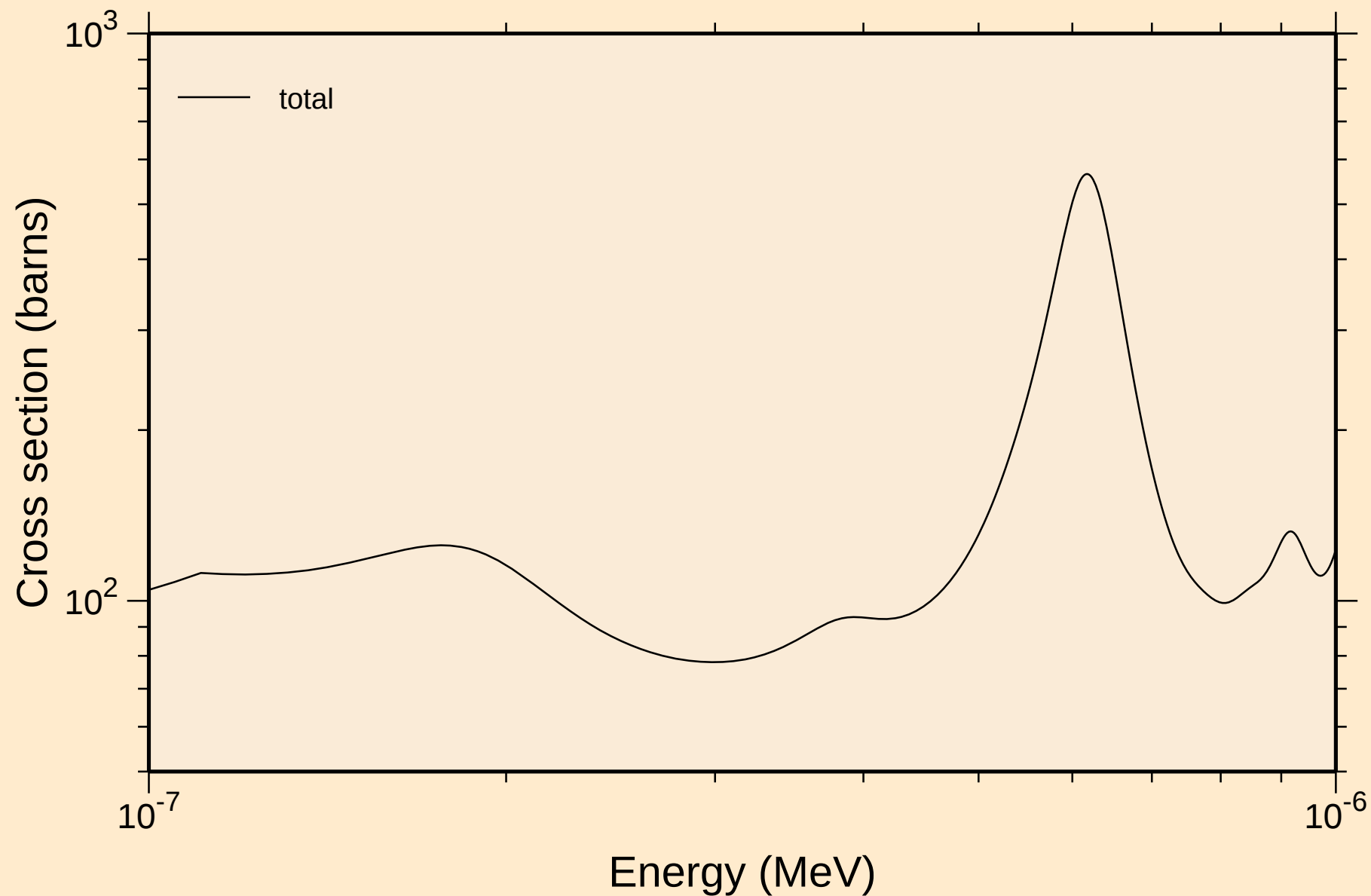


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

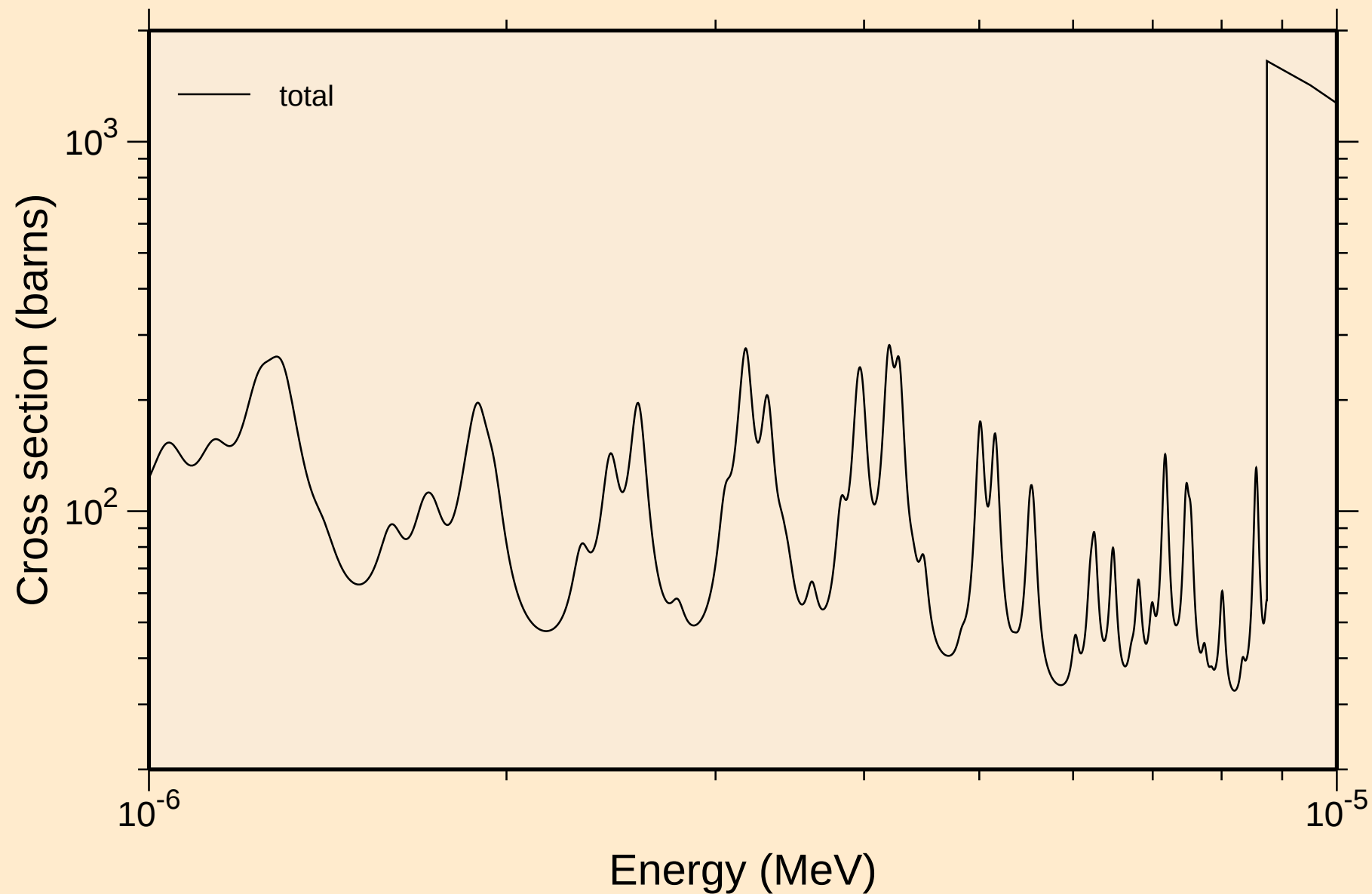
## Principal cross sections



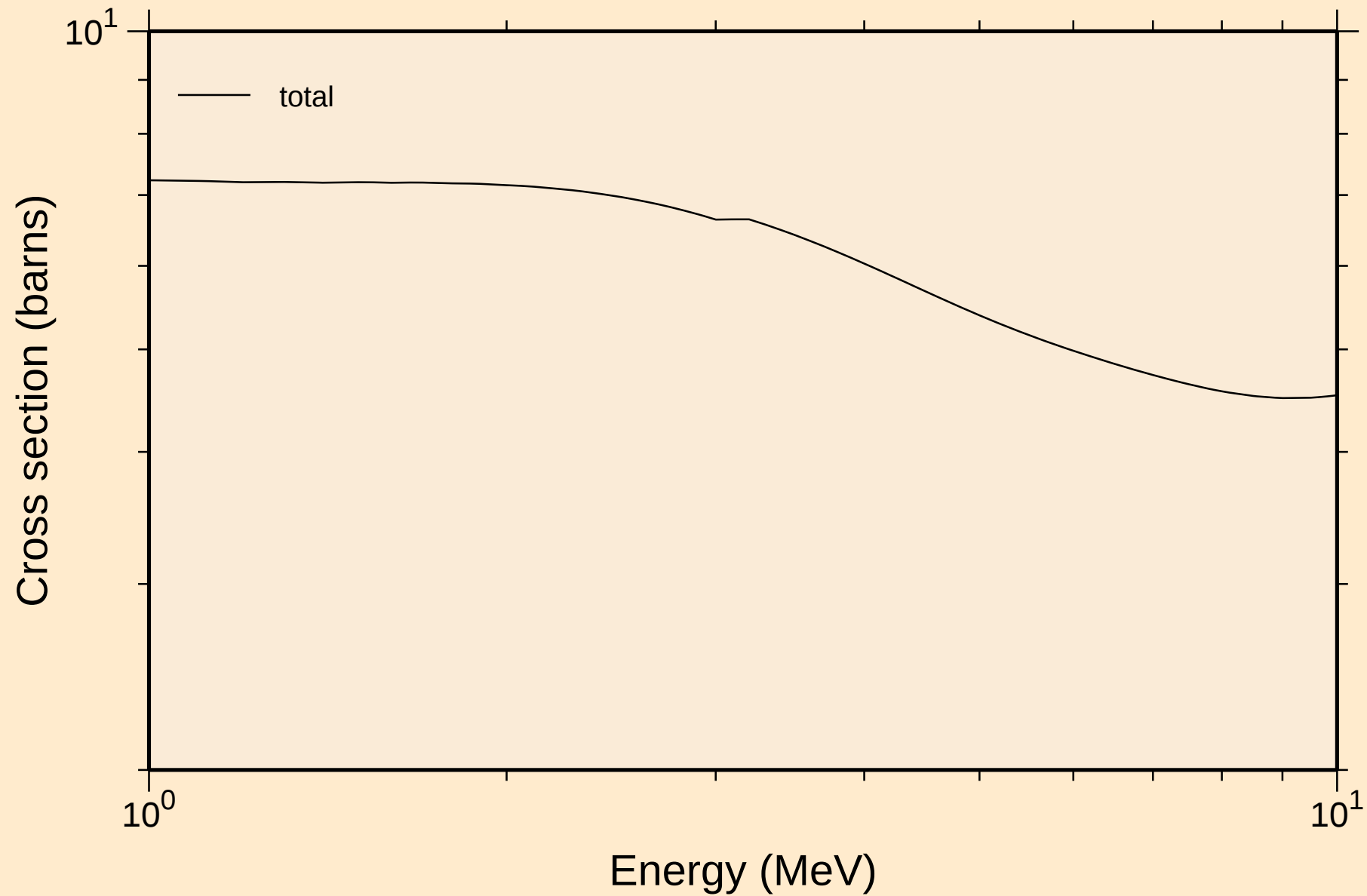
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



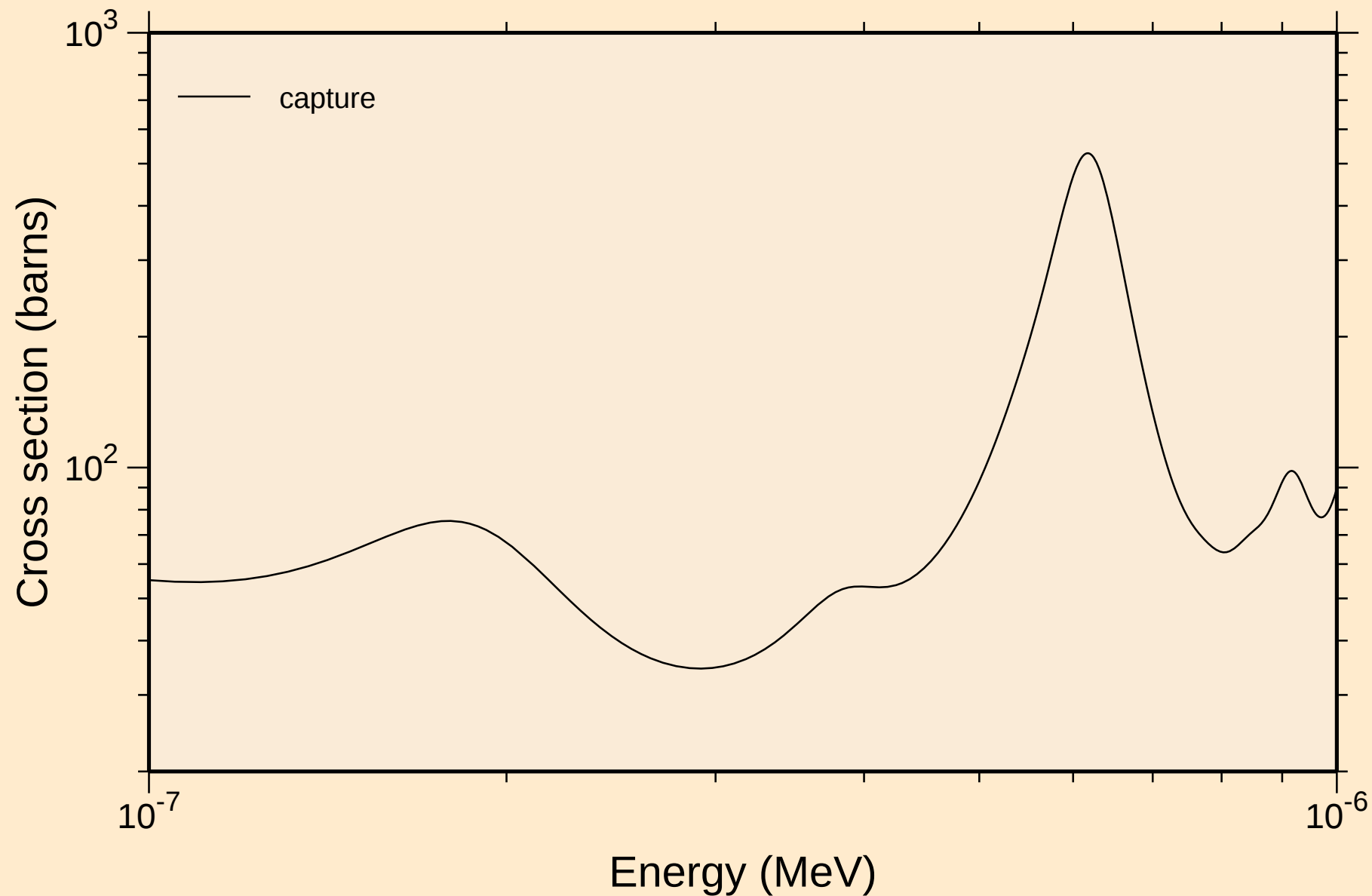
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



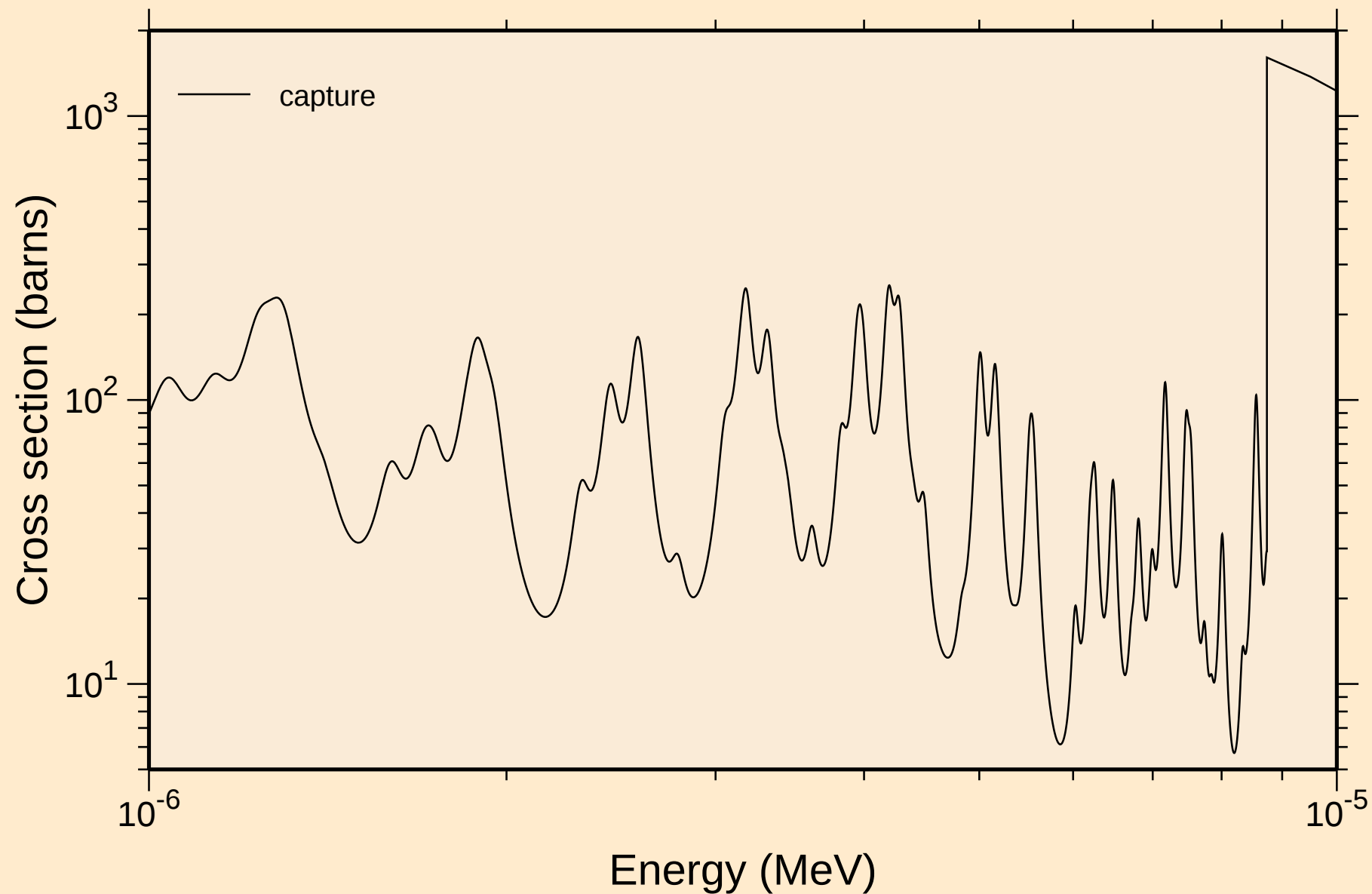
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



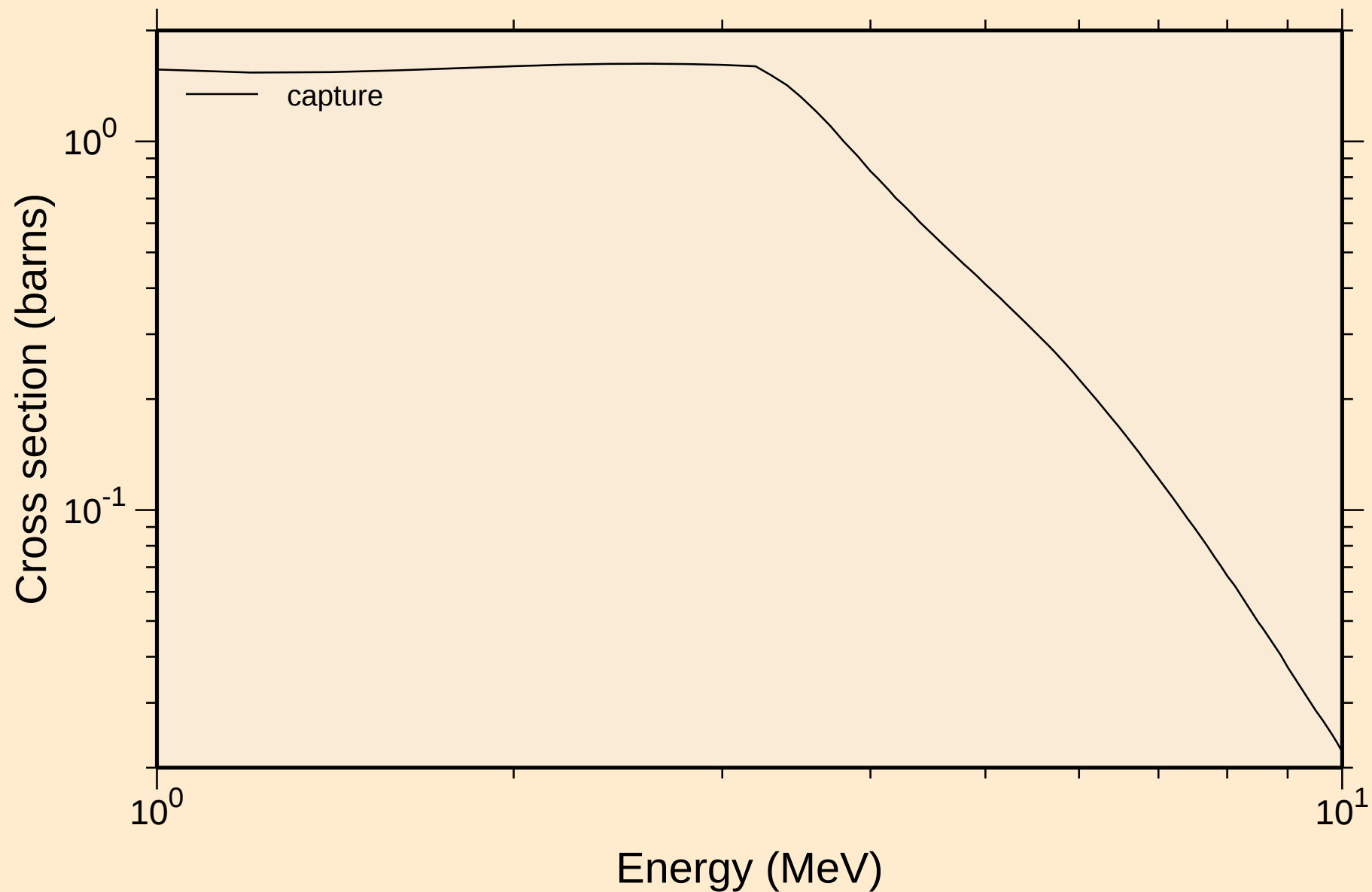
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

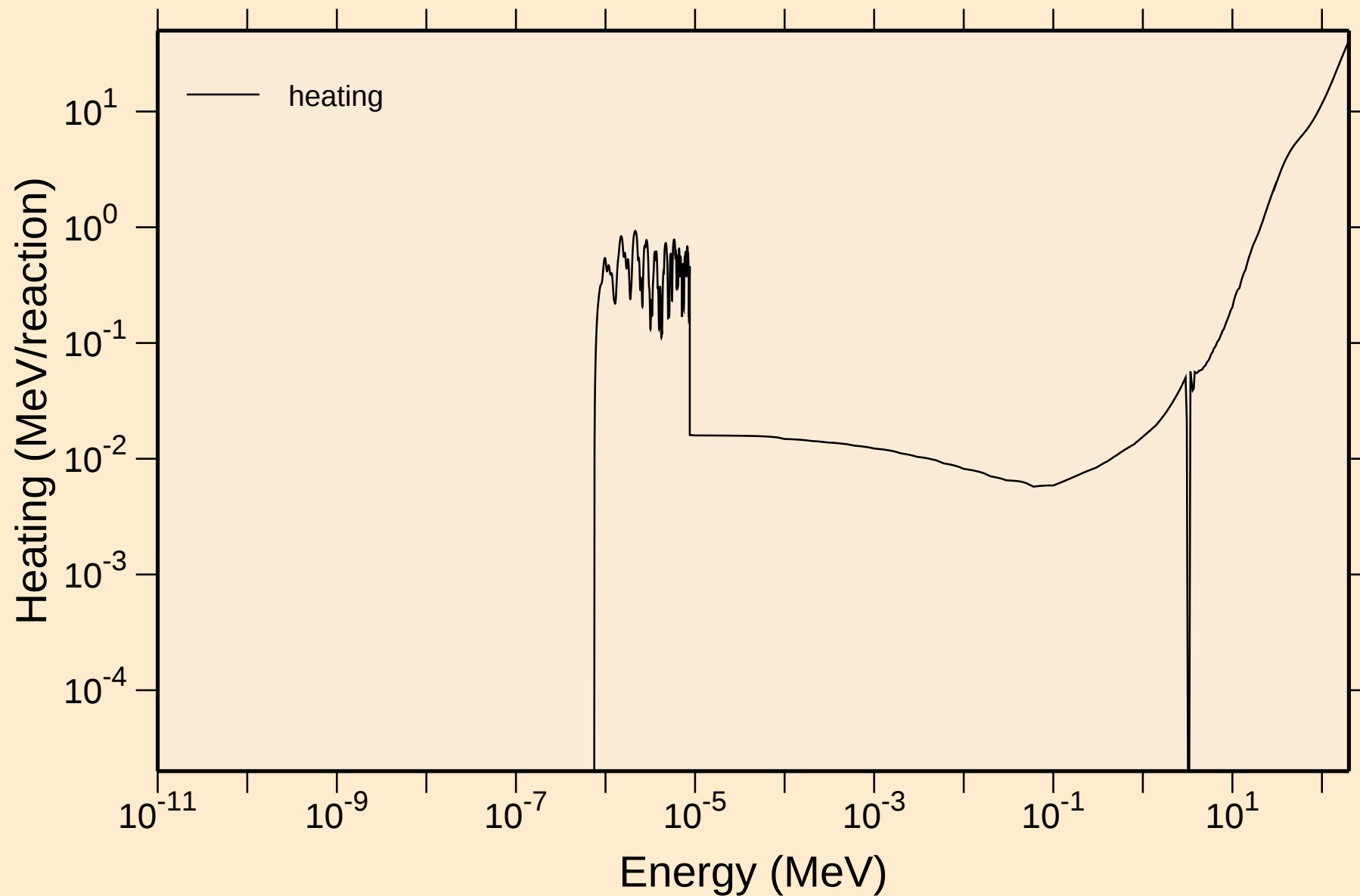


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



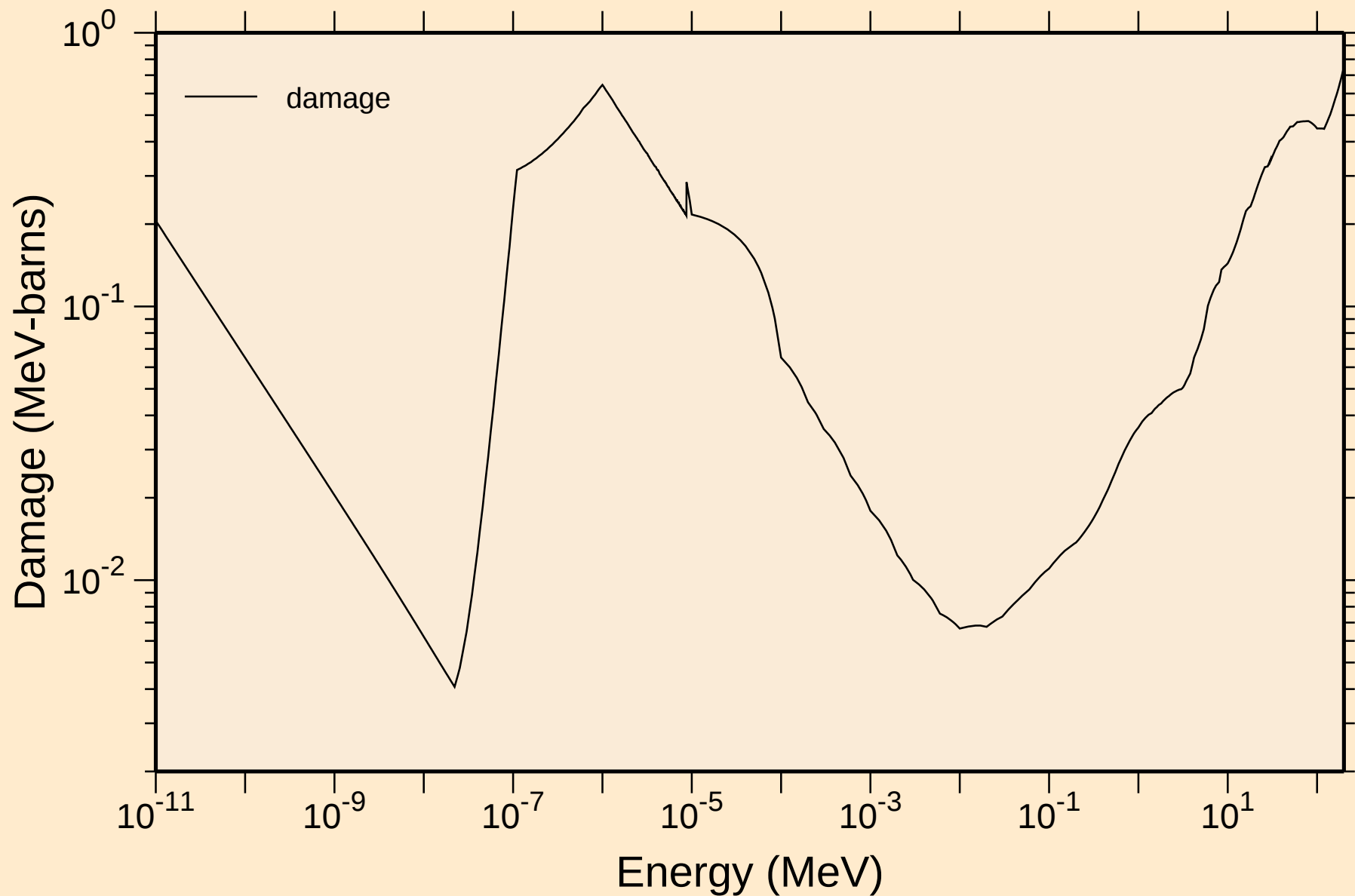
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

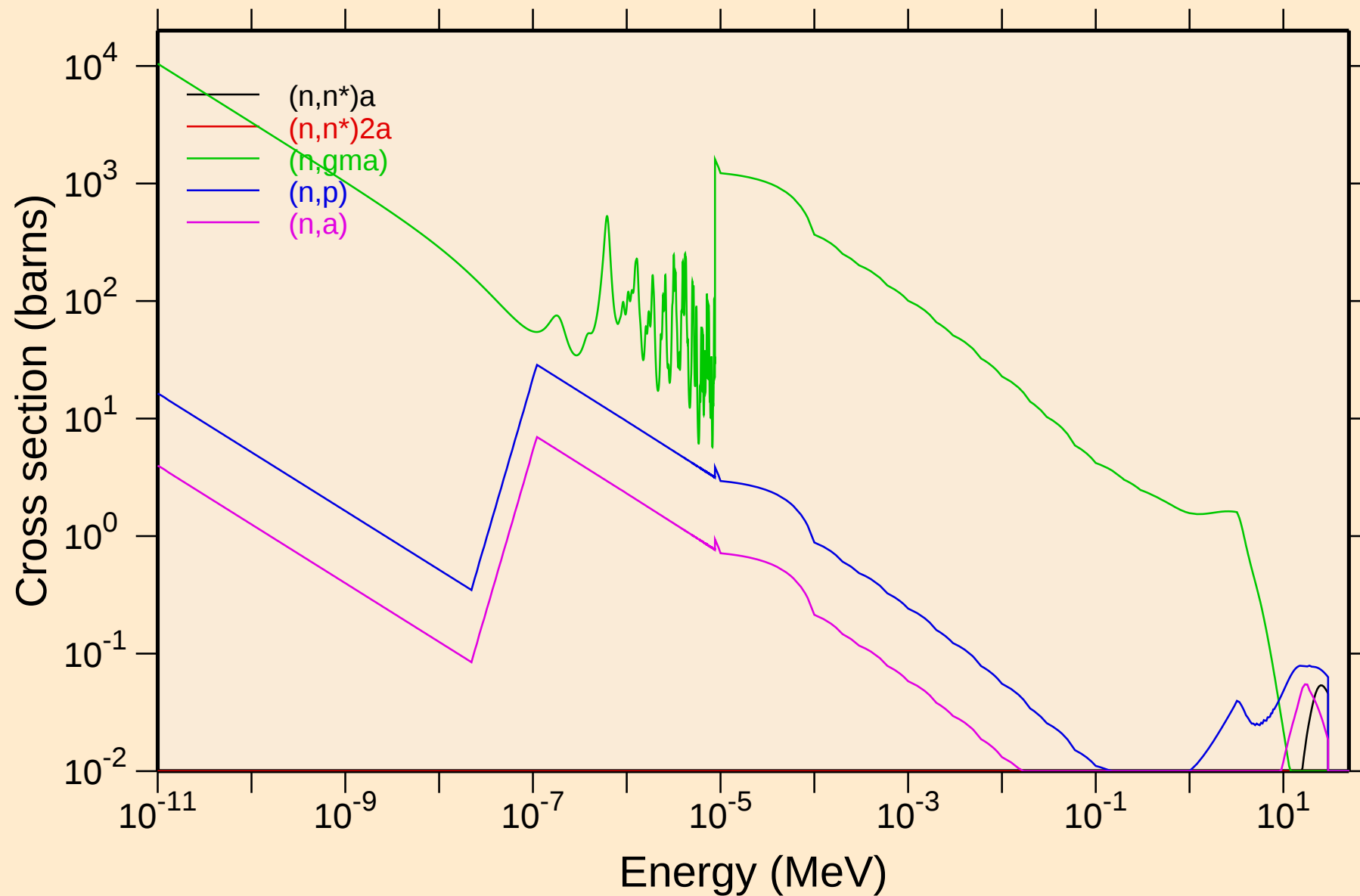


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

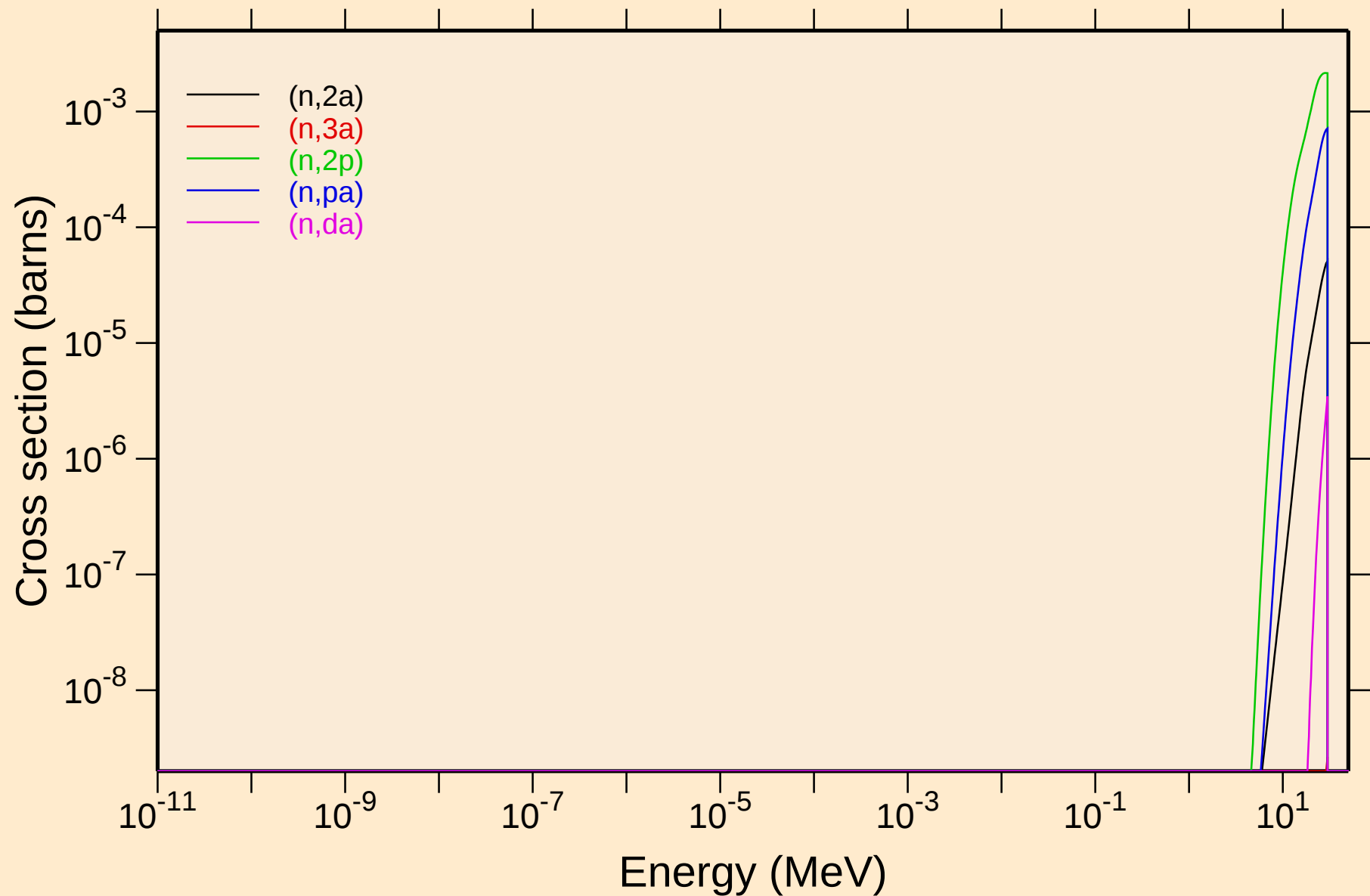


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

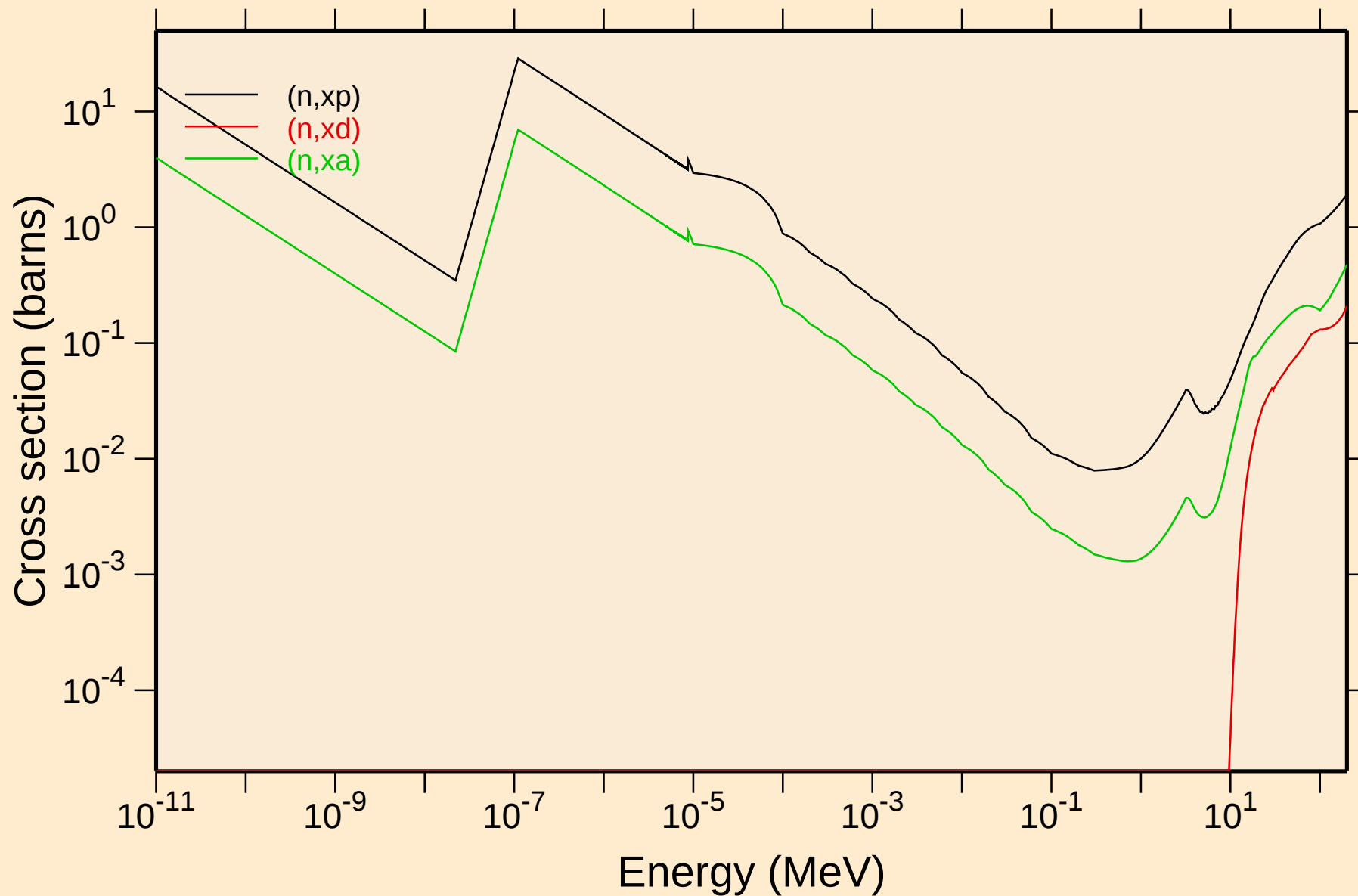


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

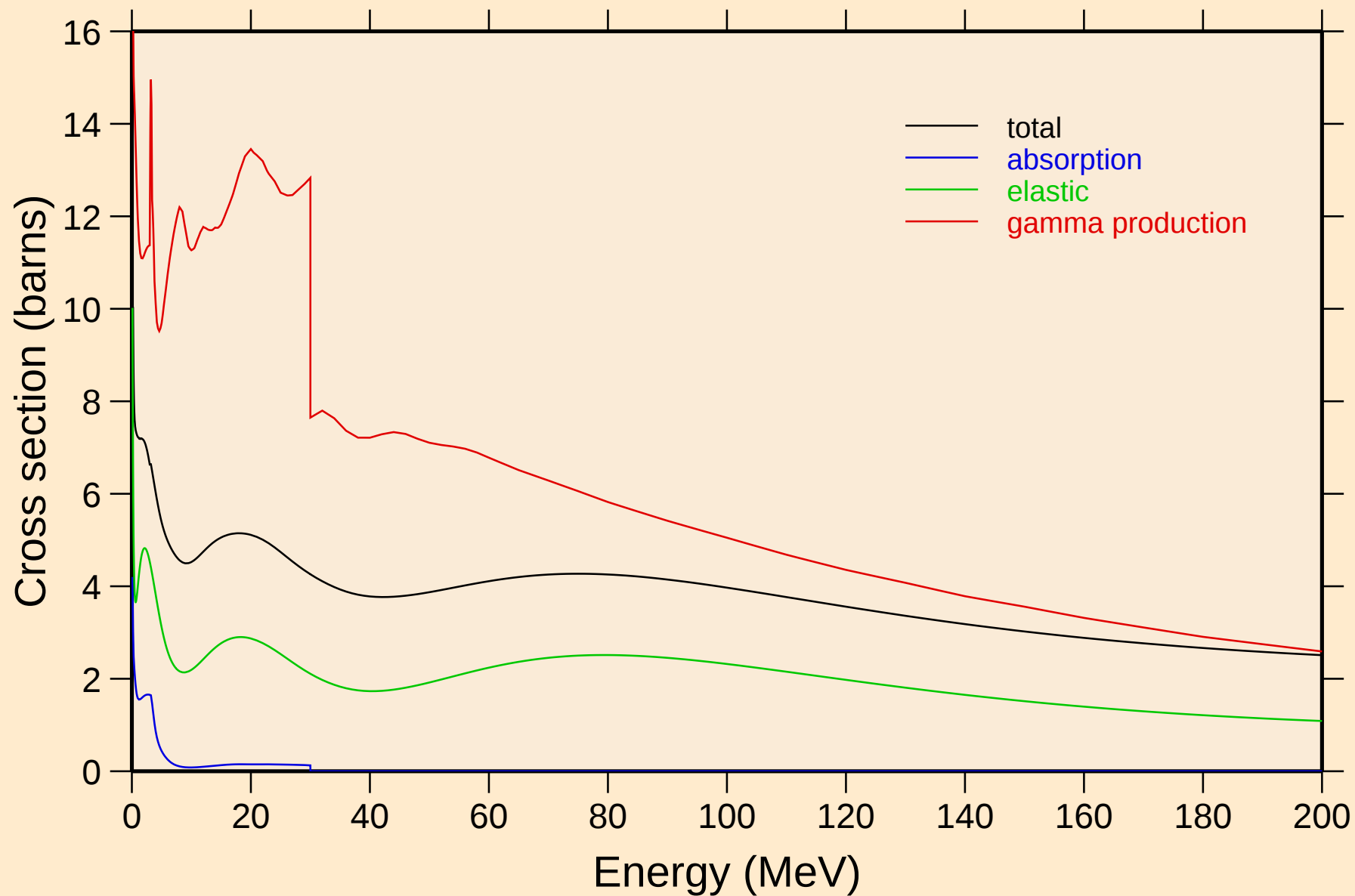


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



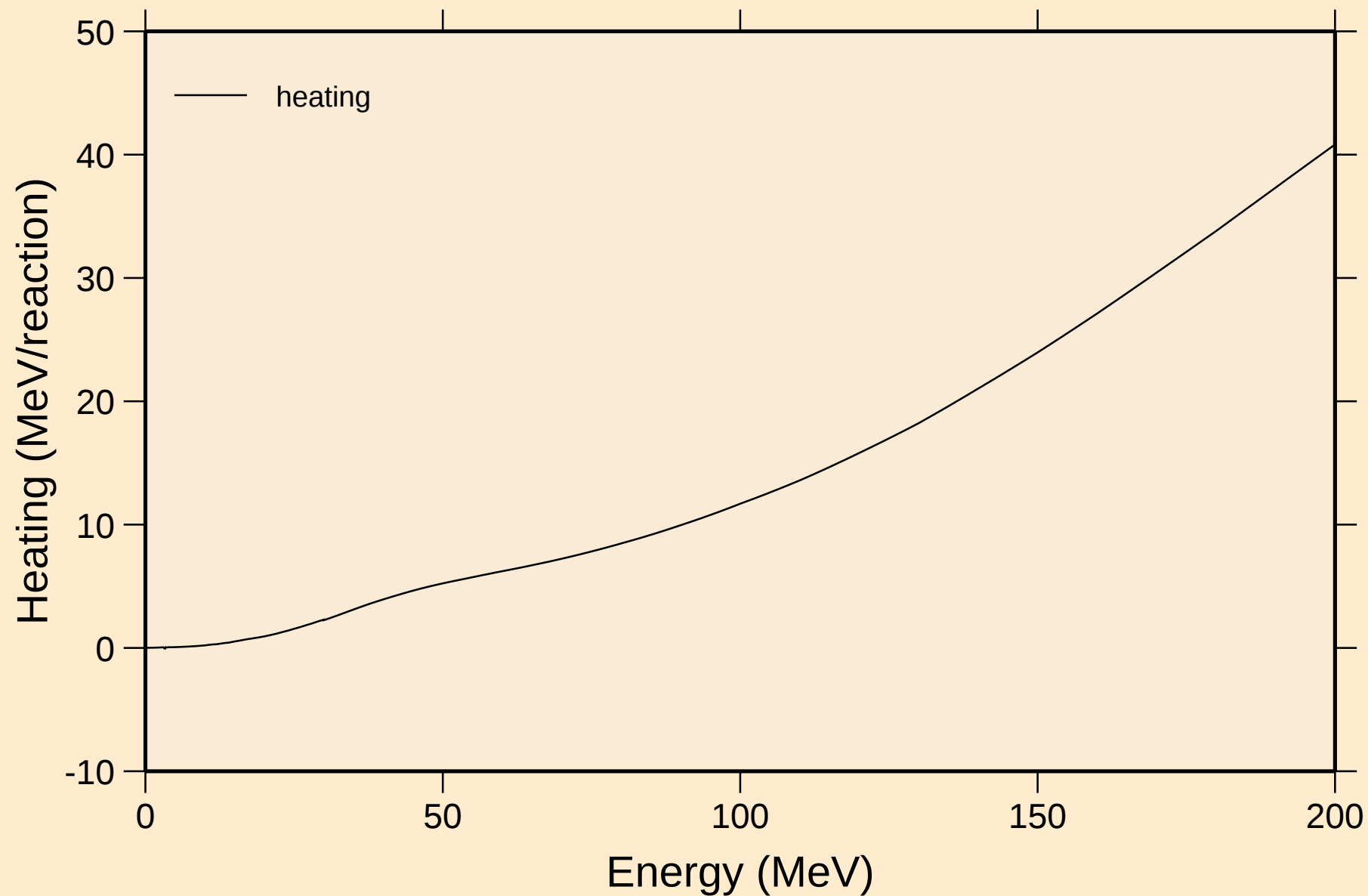
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



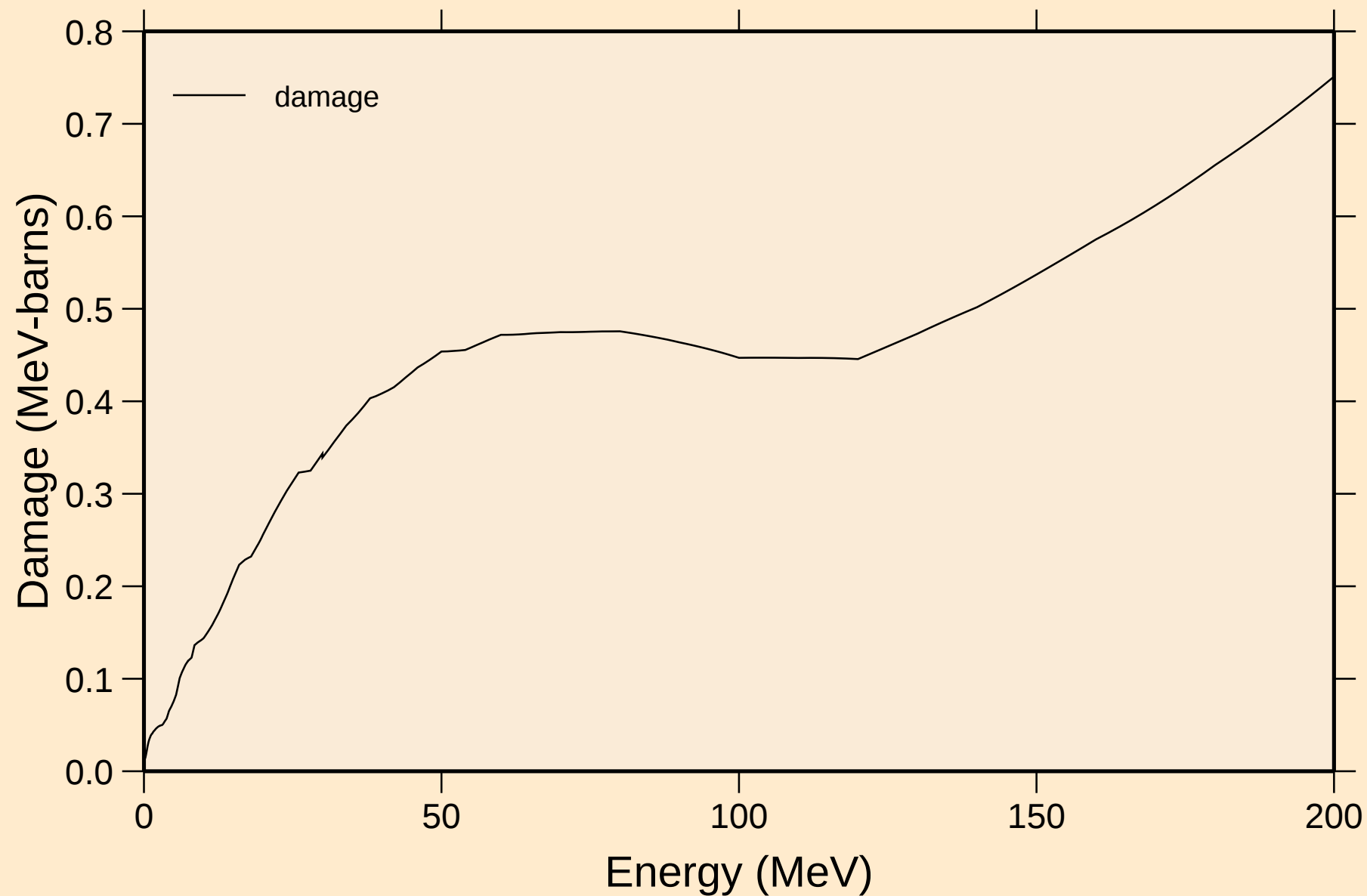
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

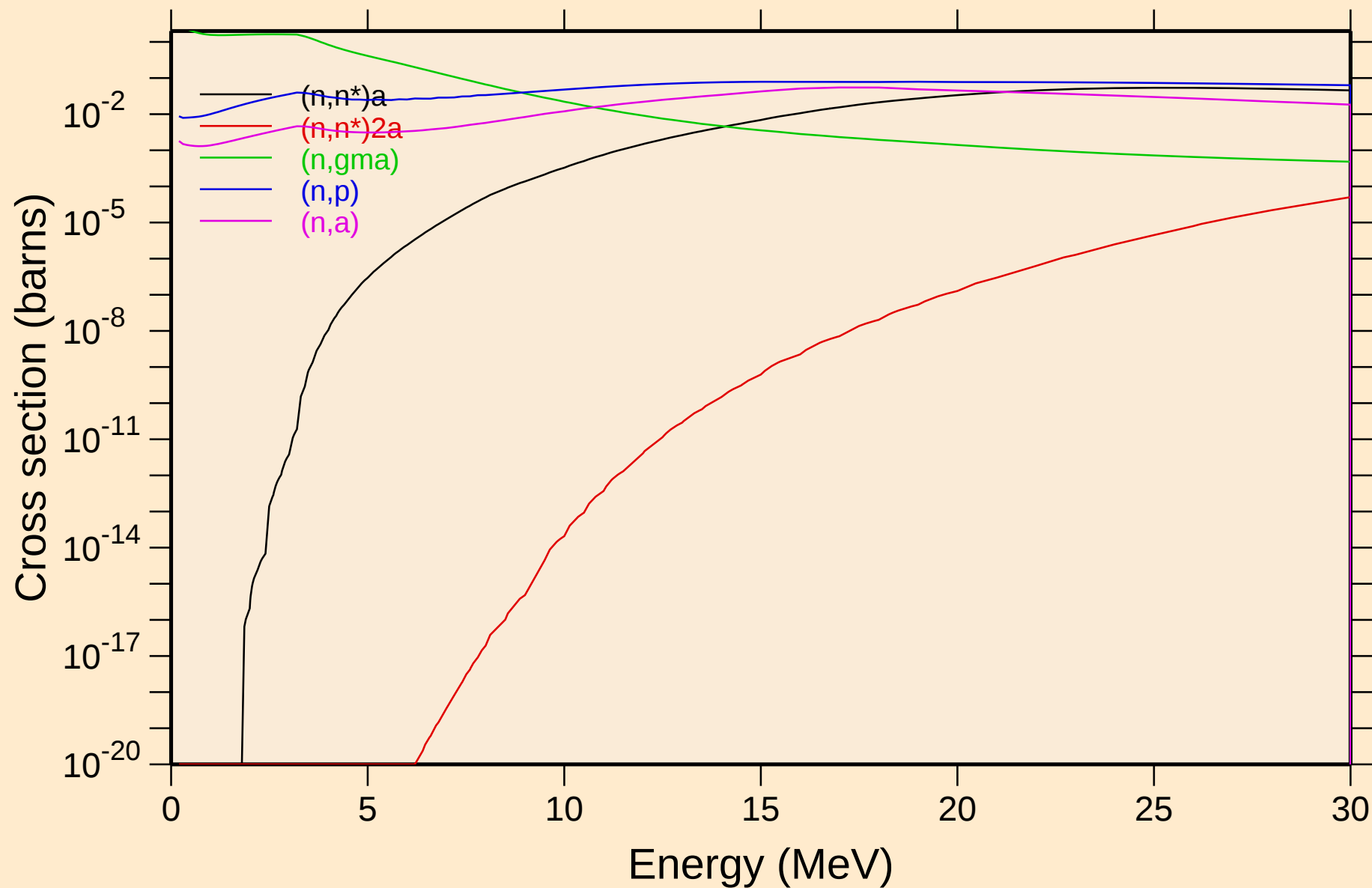


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

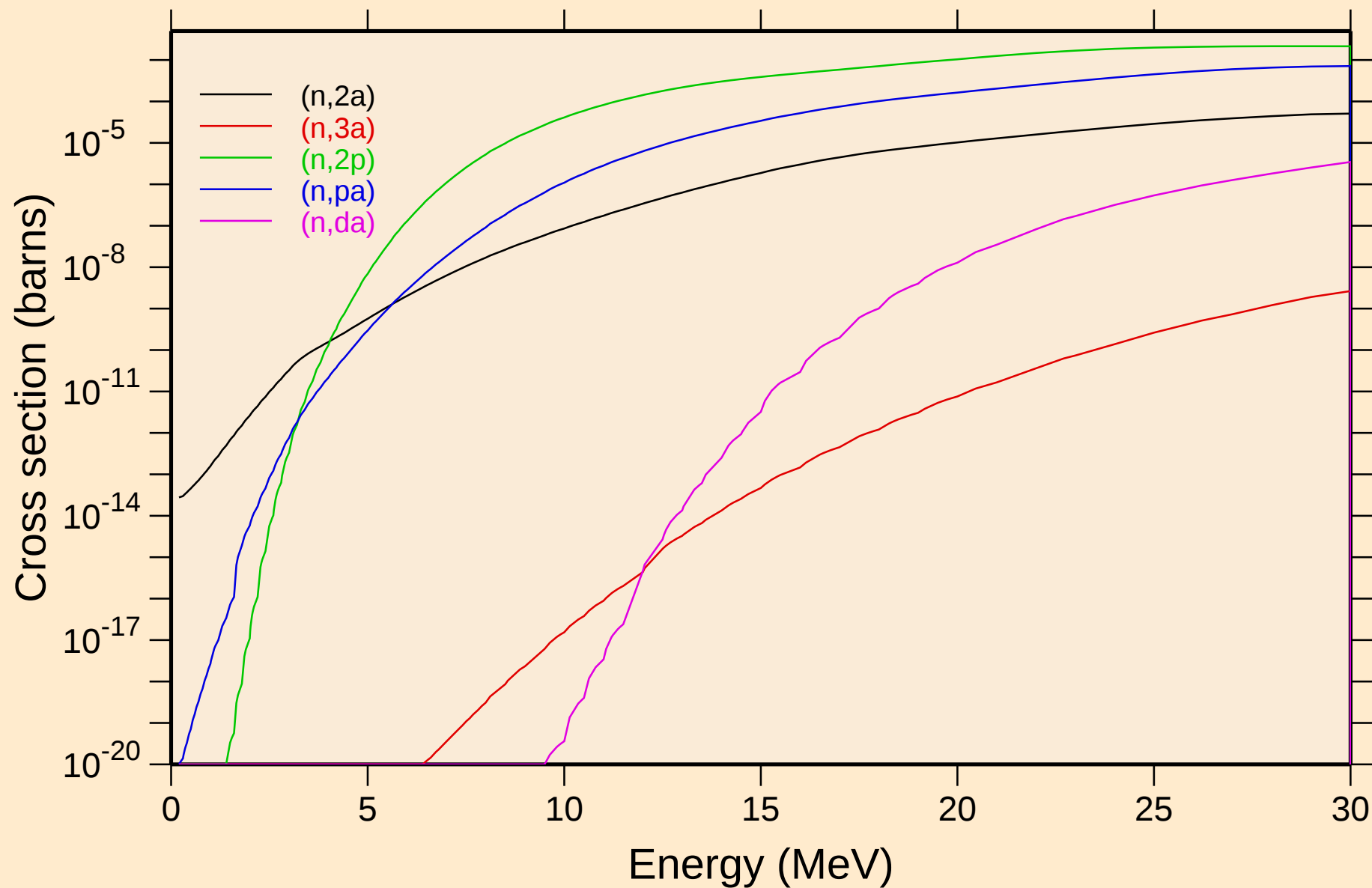
Damage



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

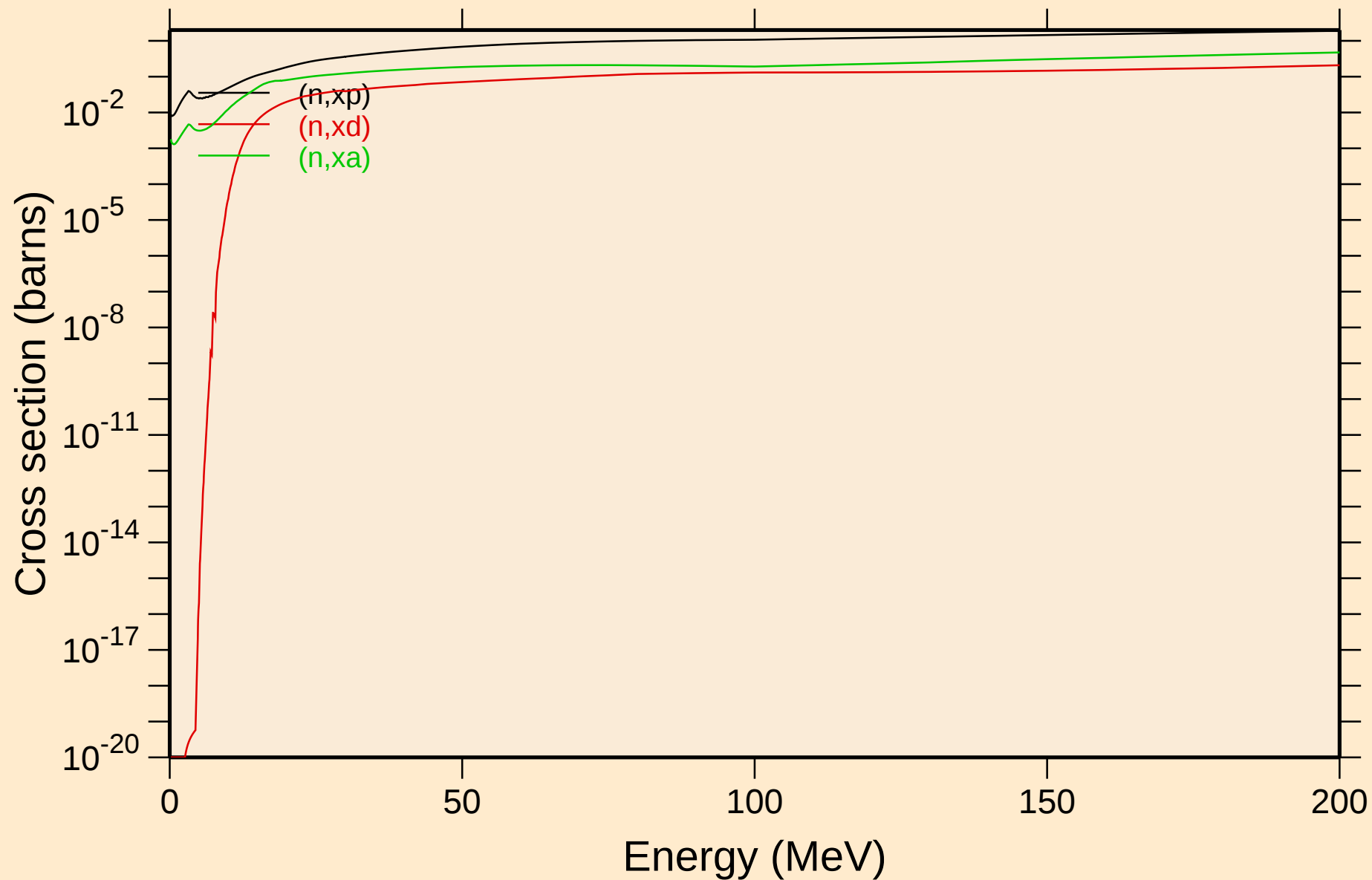


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



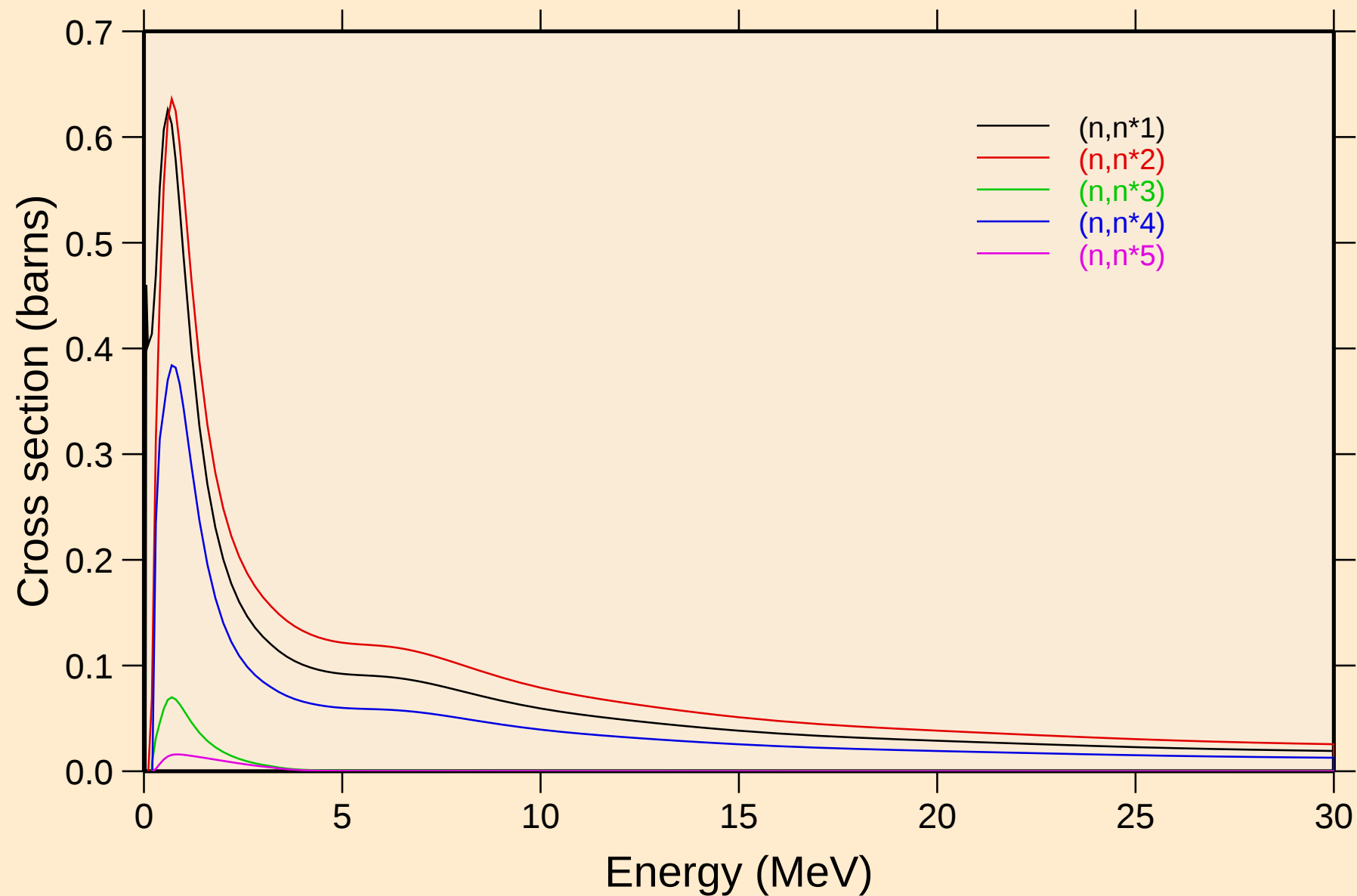
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



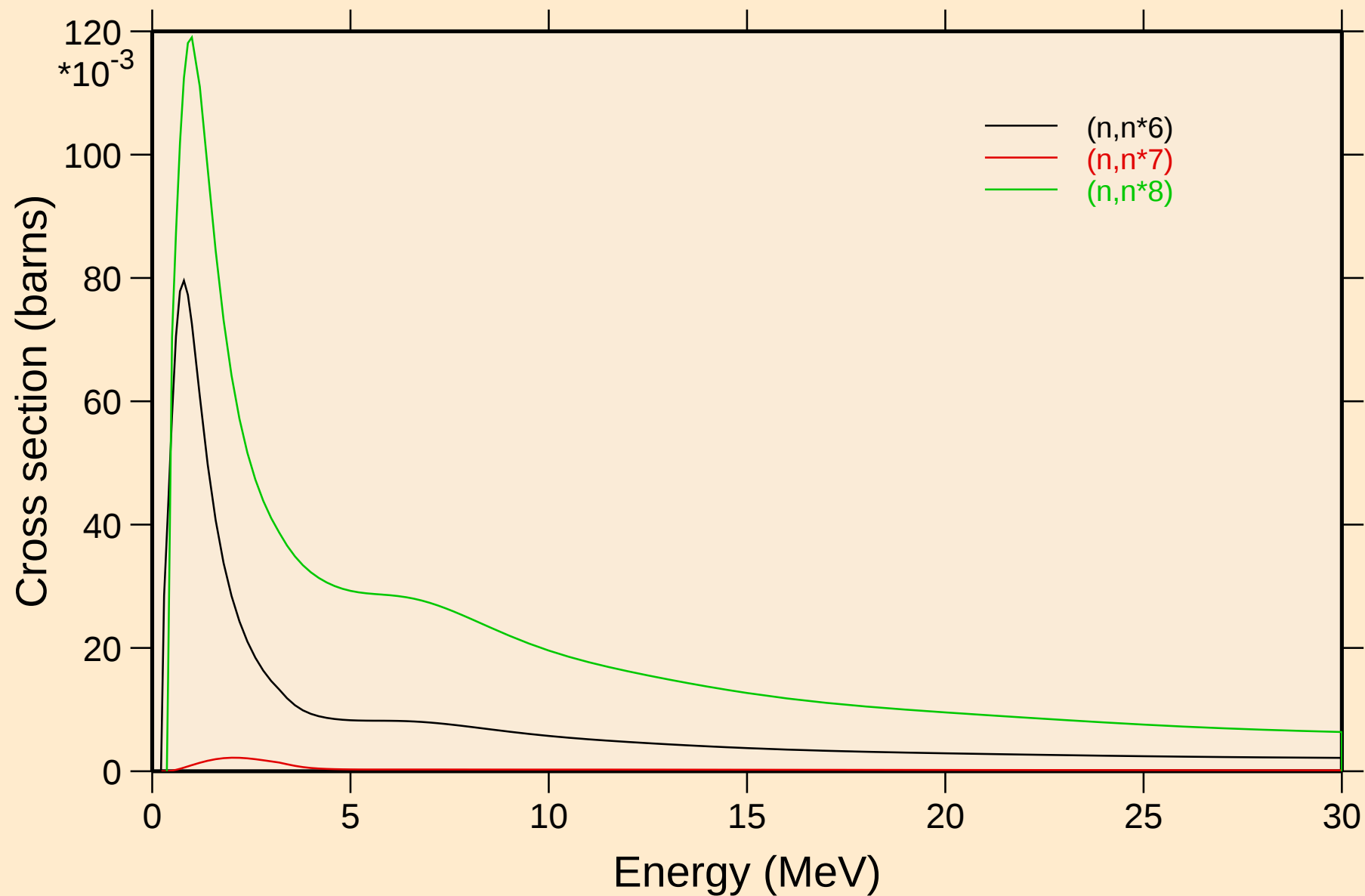
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



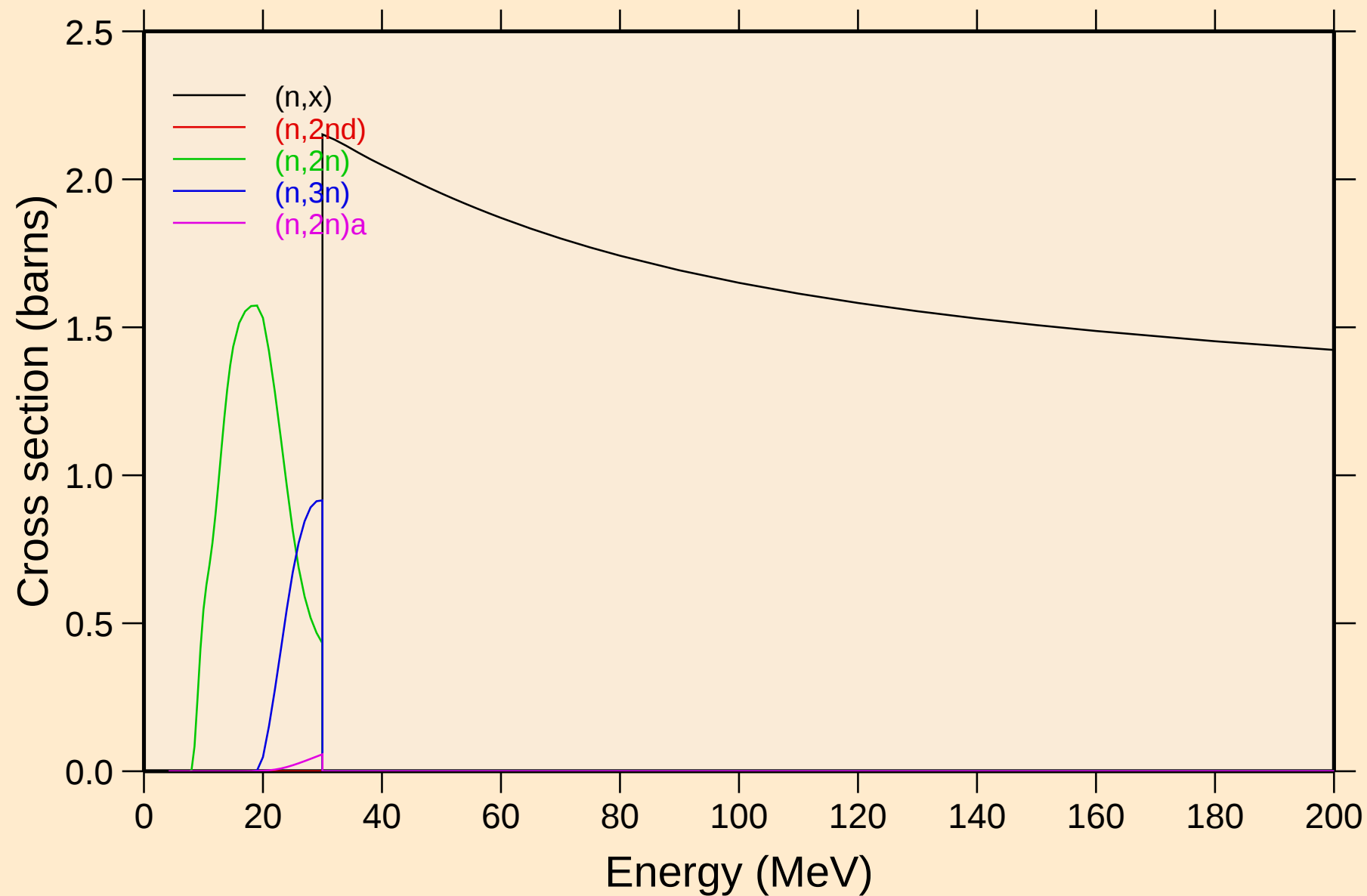
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

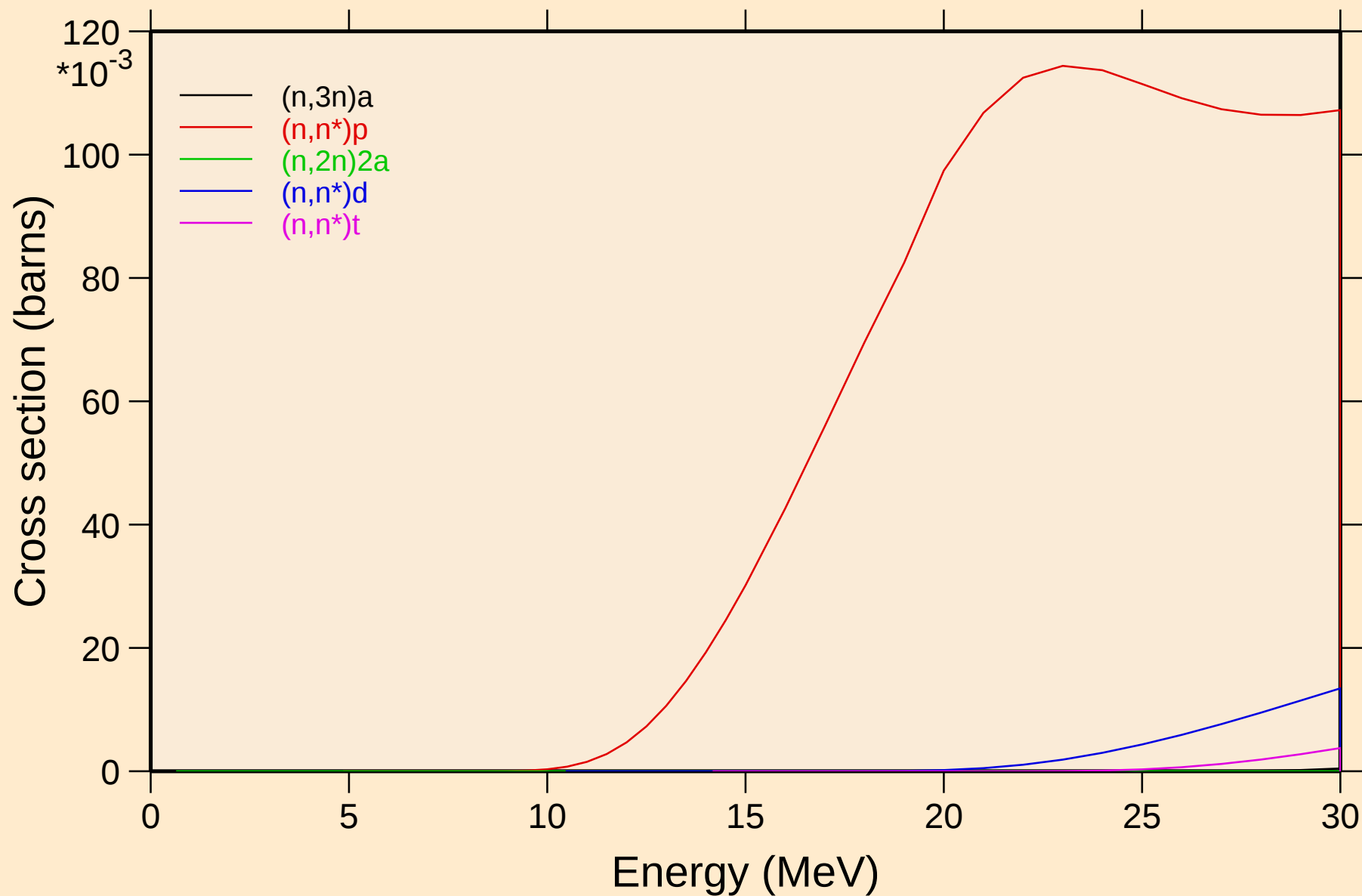


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

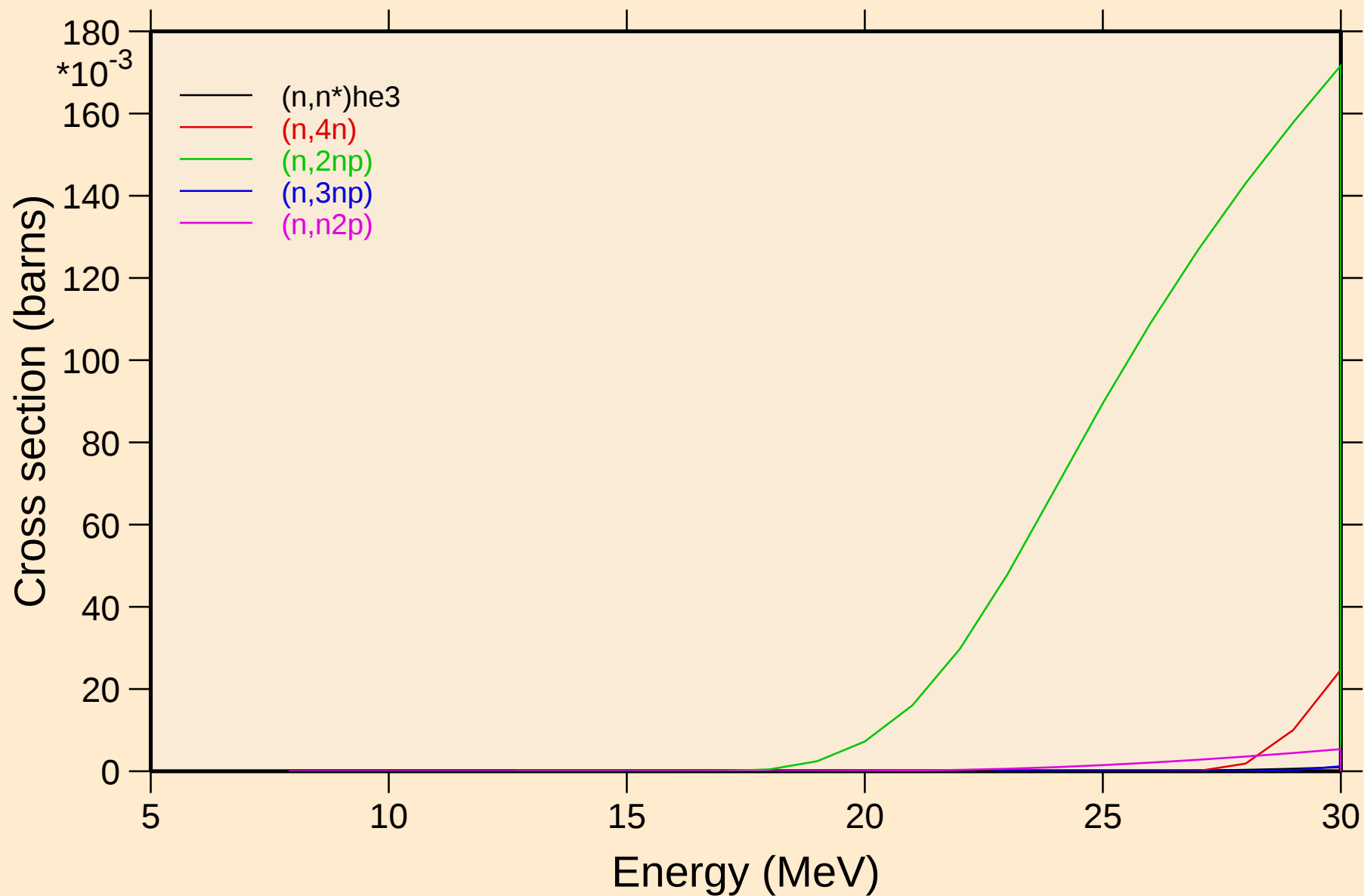


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



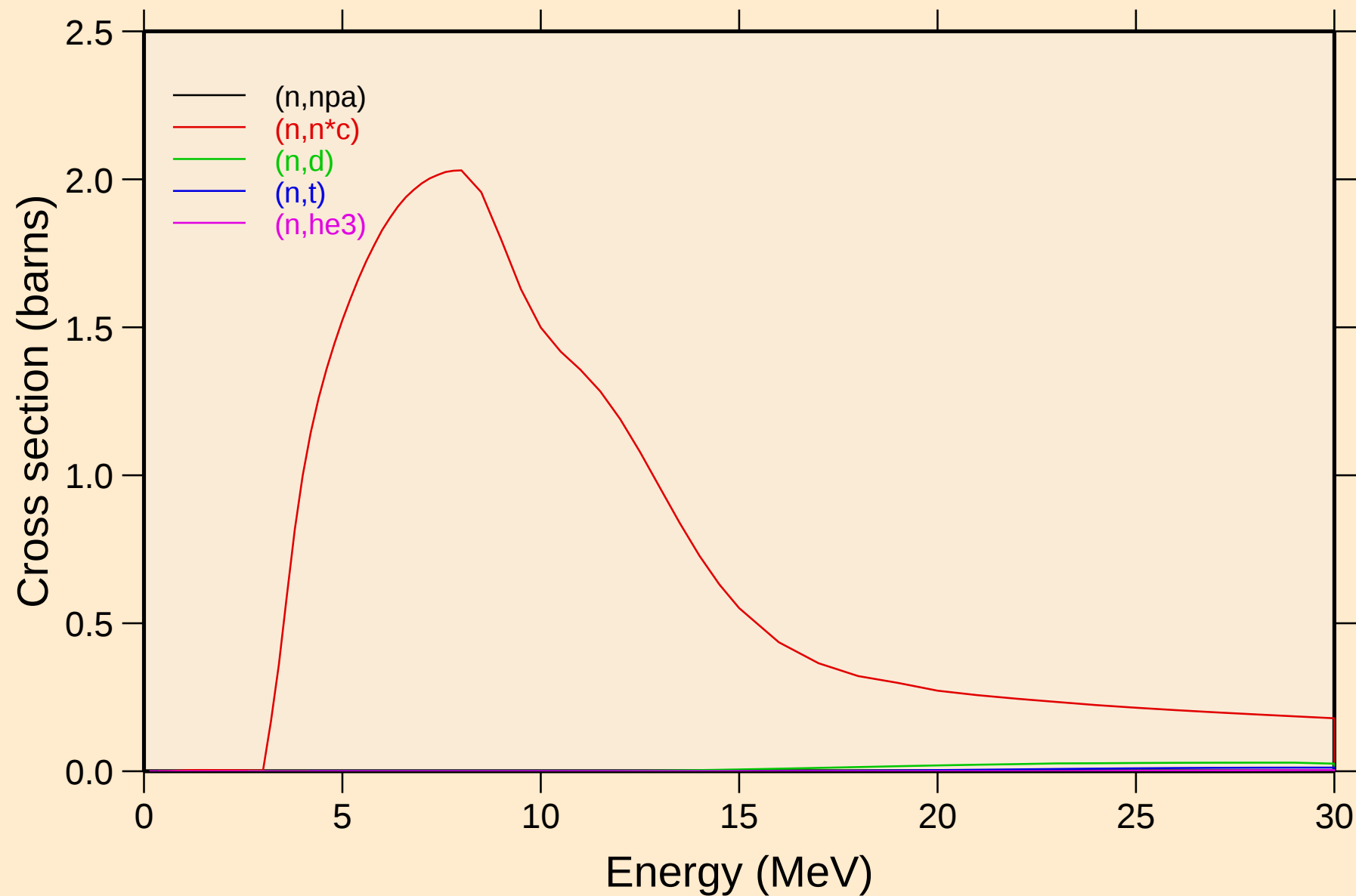
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

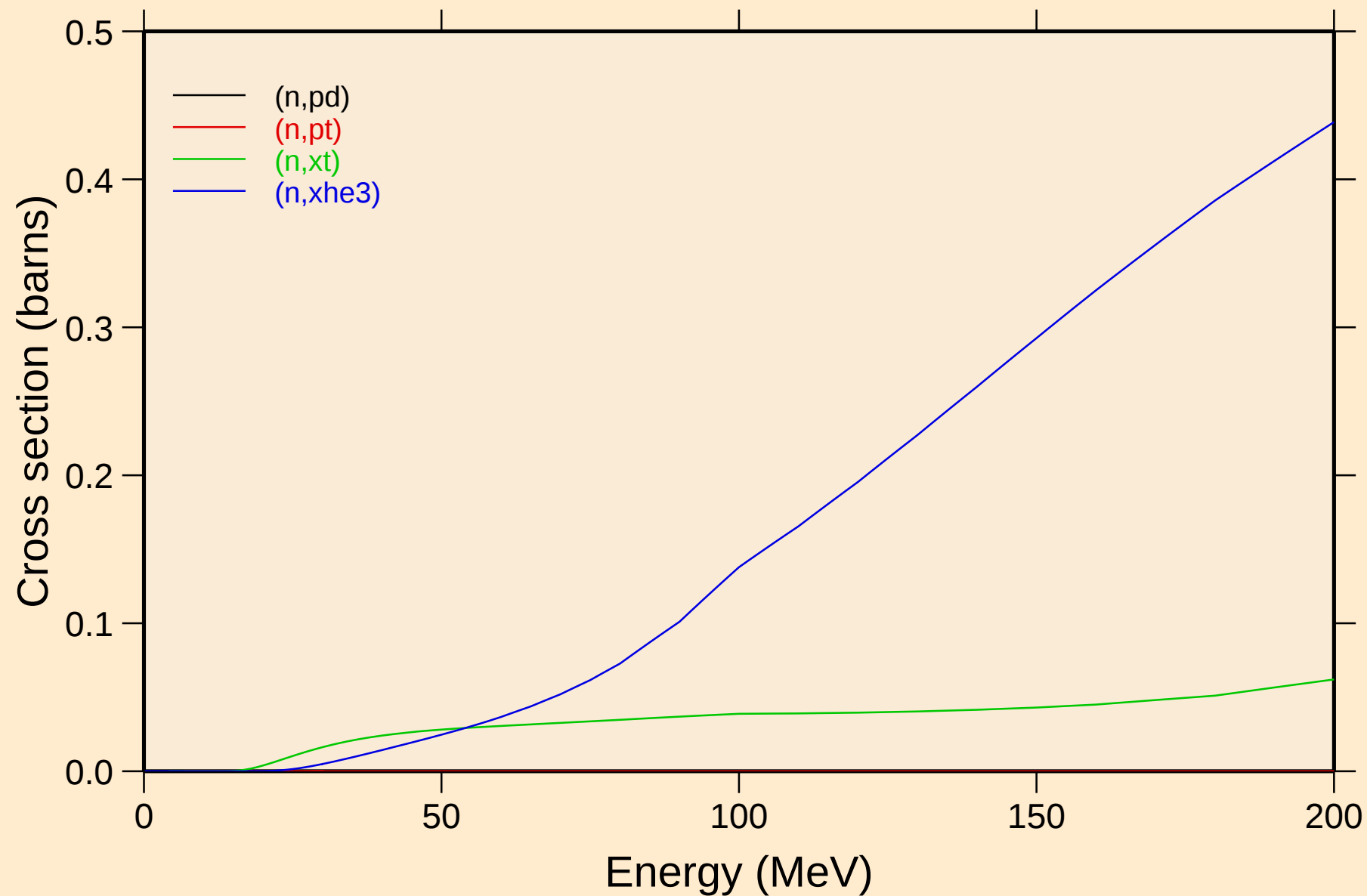


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

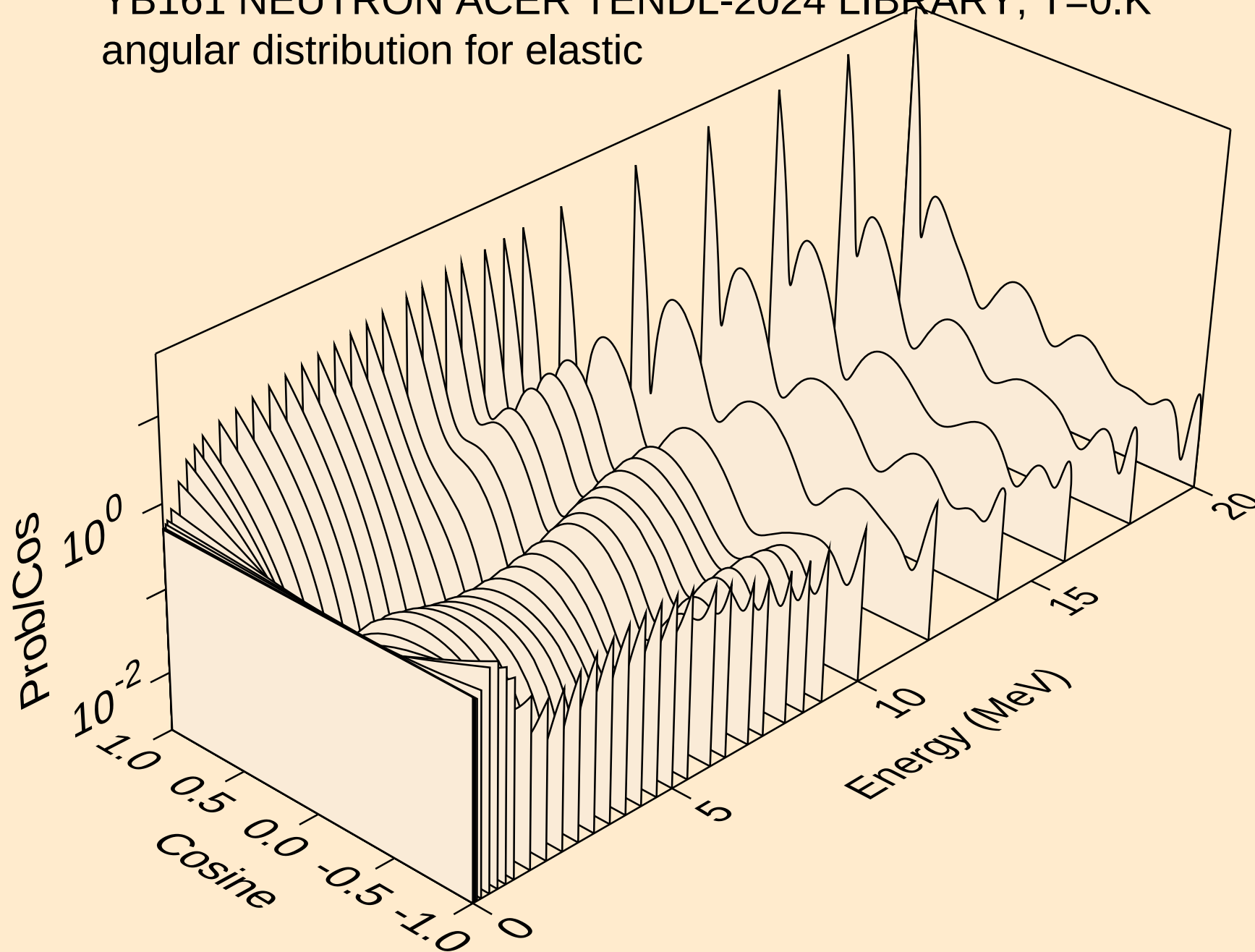
## Threshold reactions



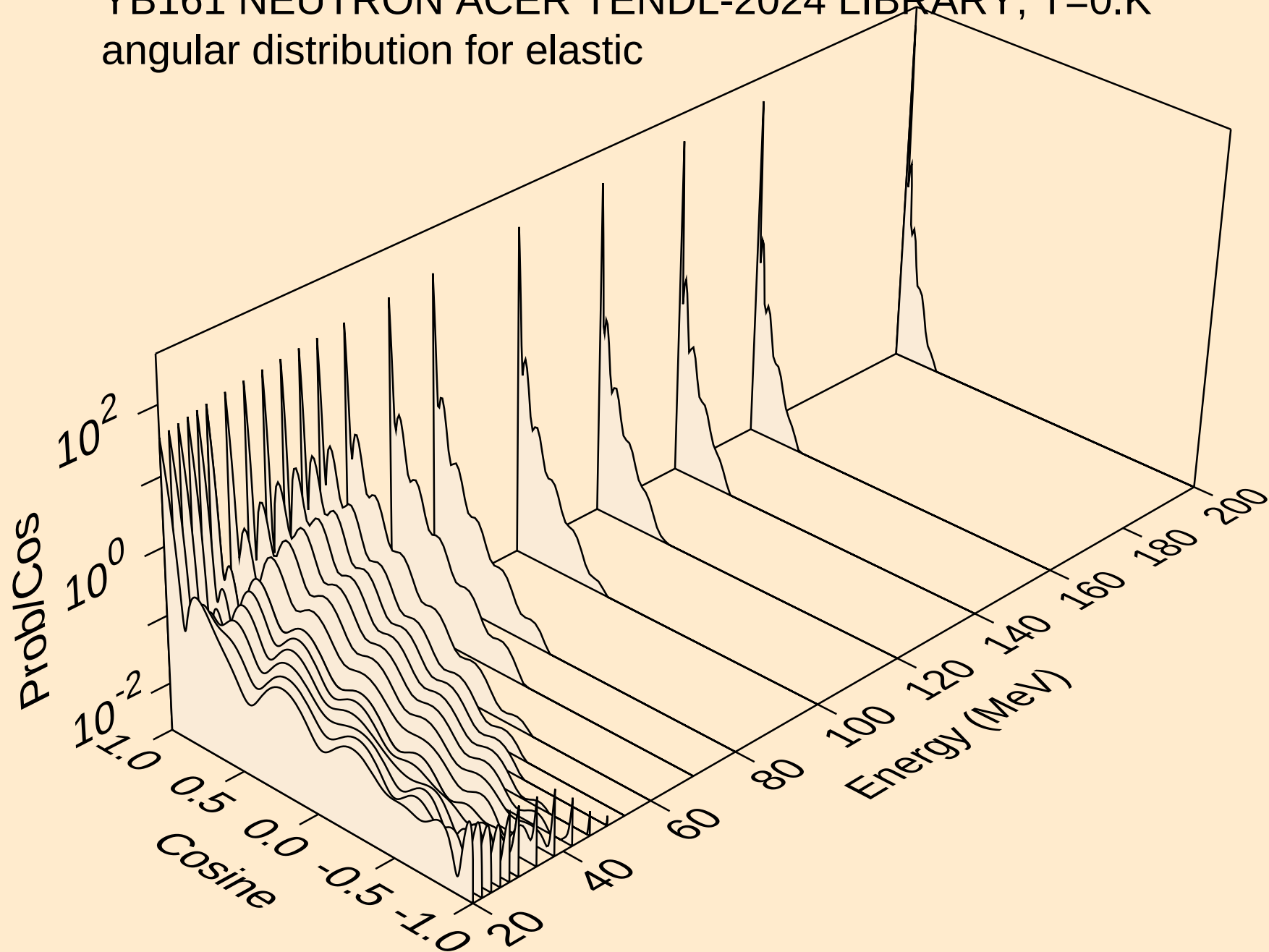
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



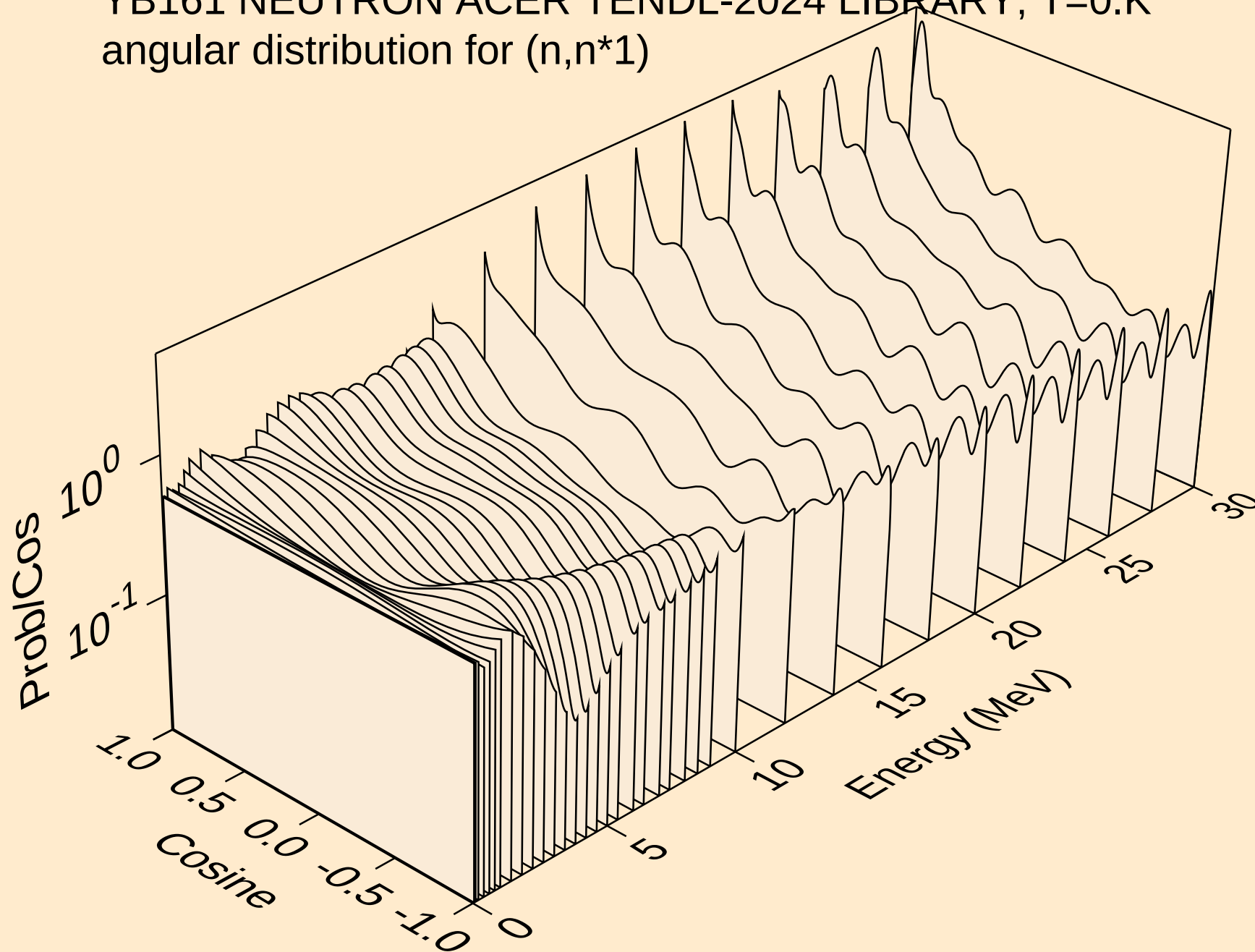
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



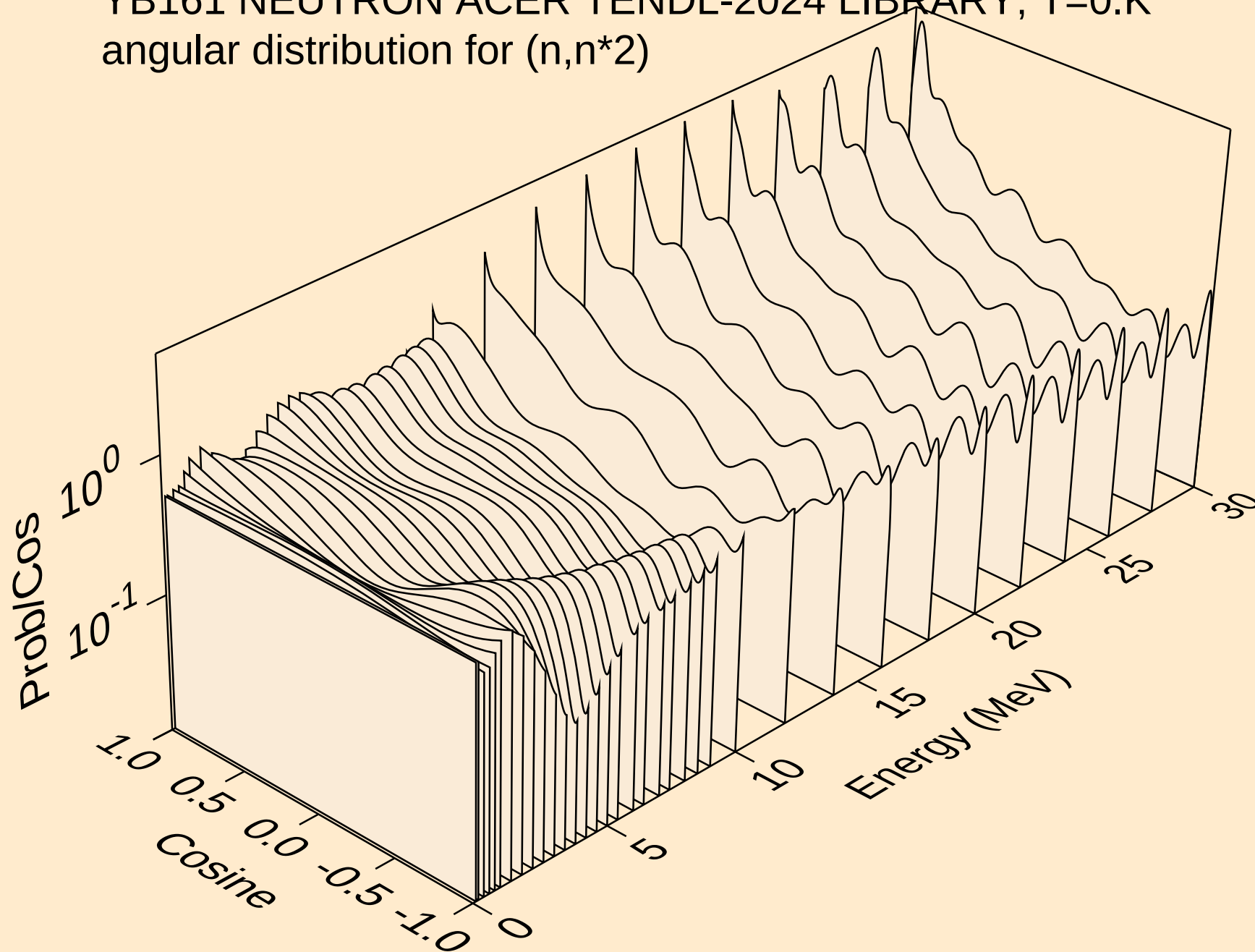
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



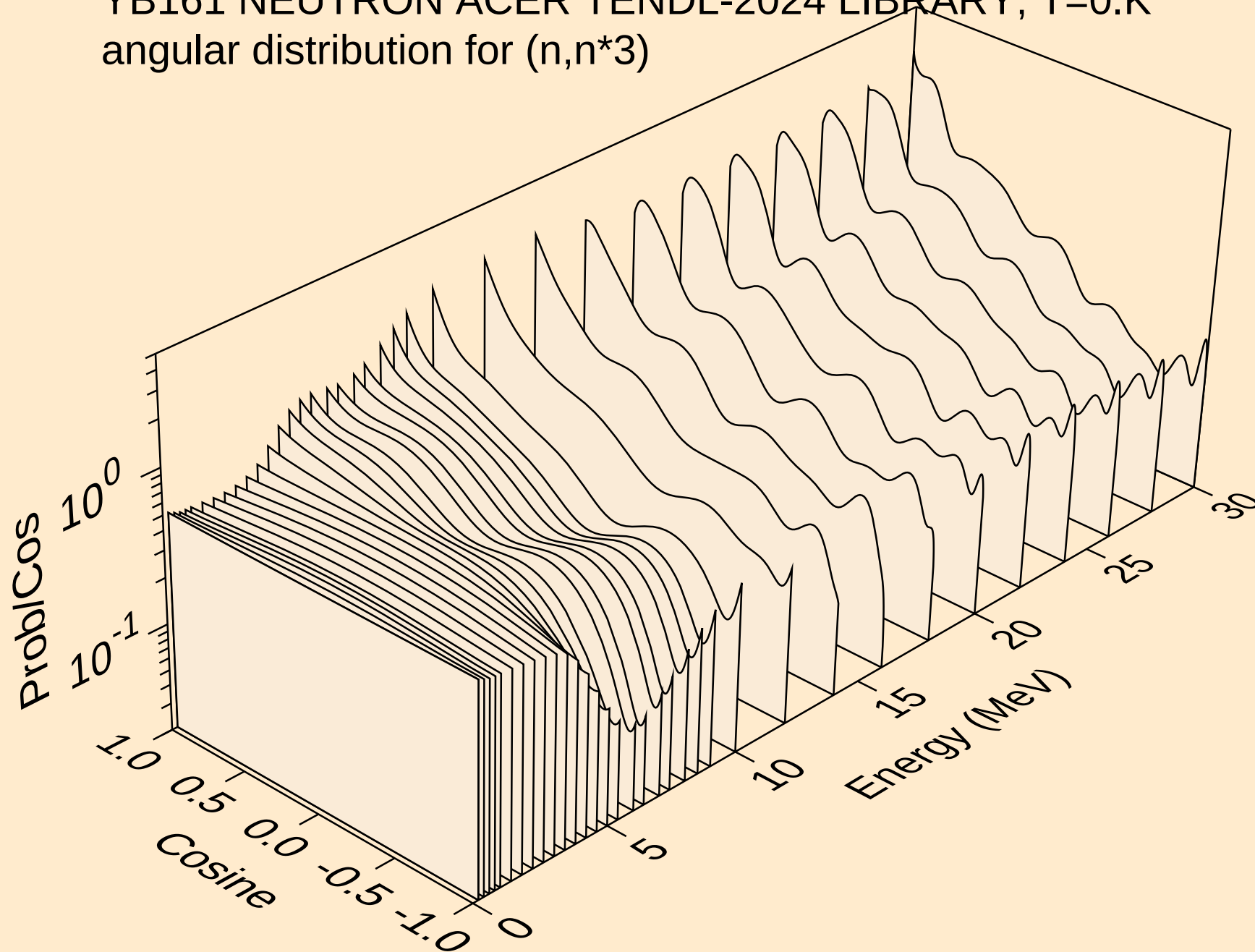
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



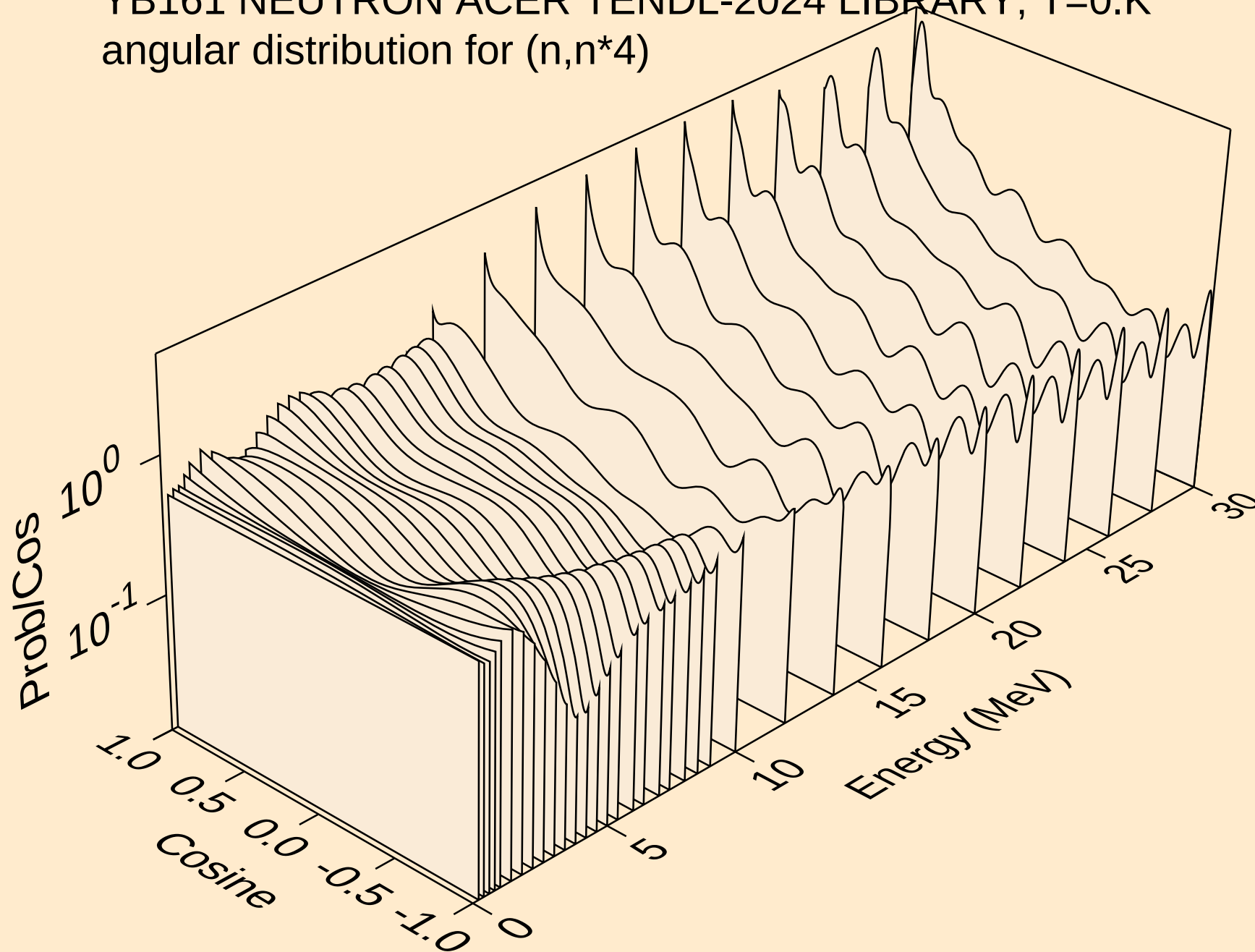
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



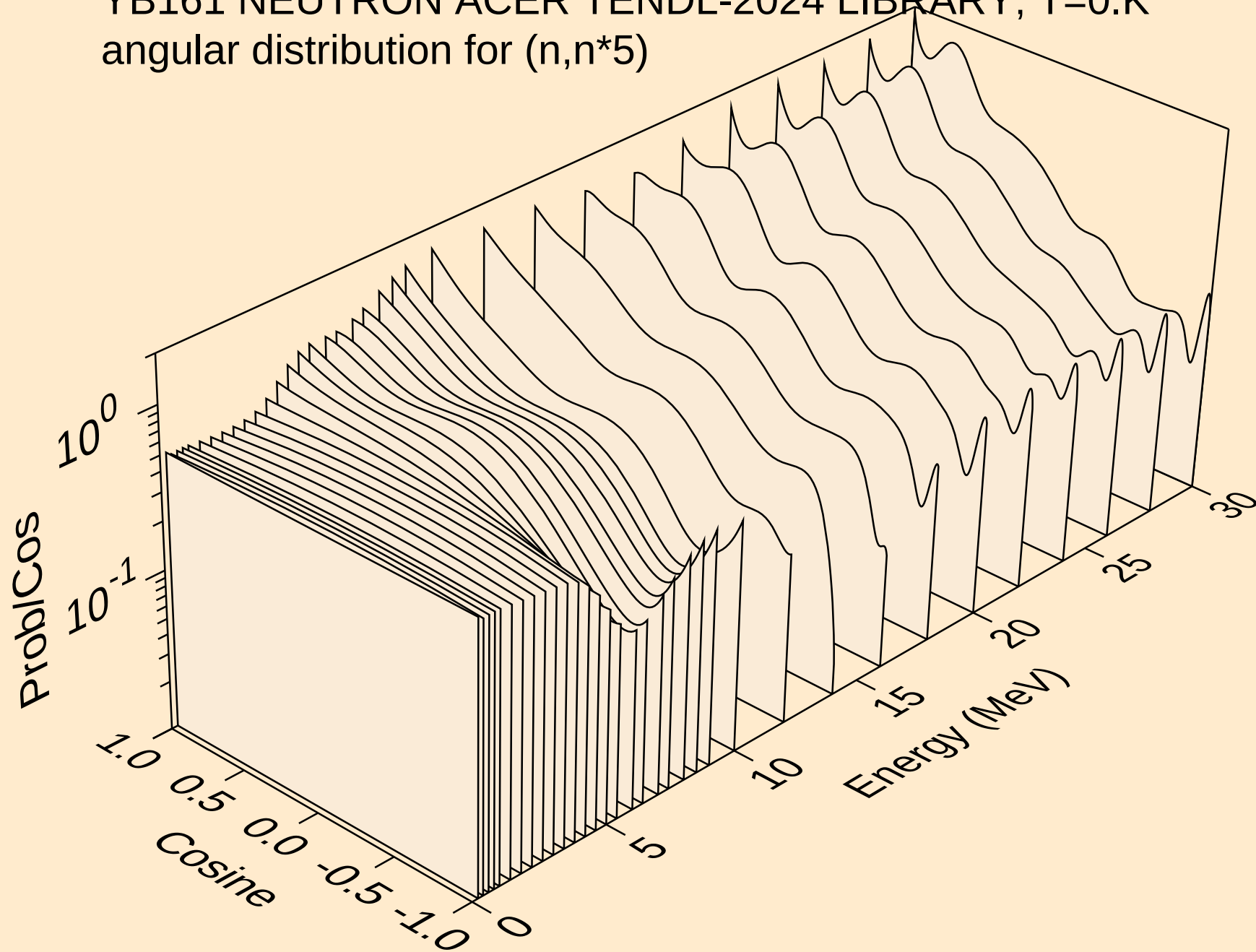
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



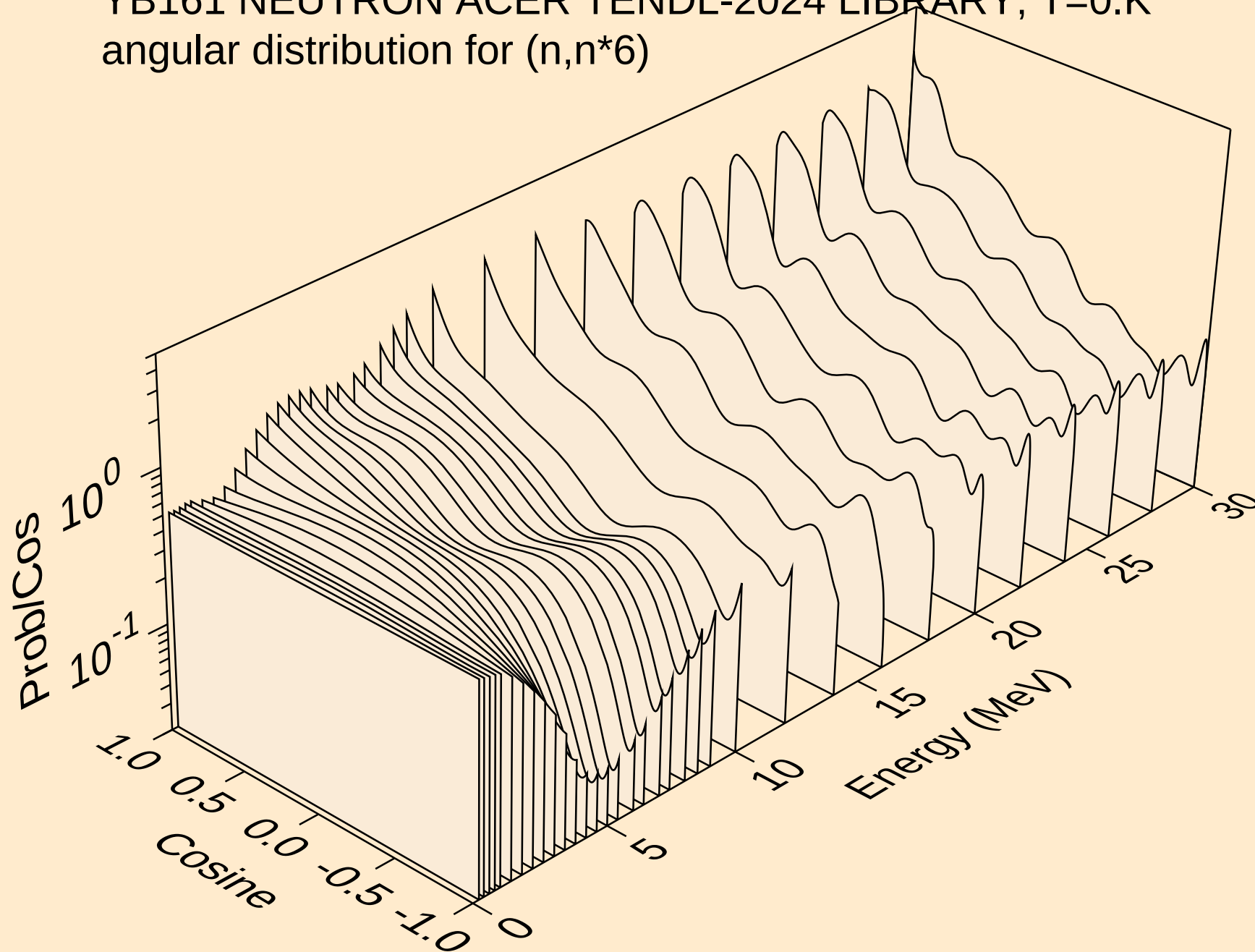
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



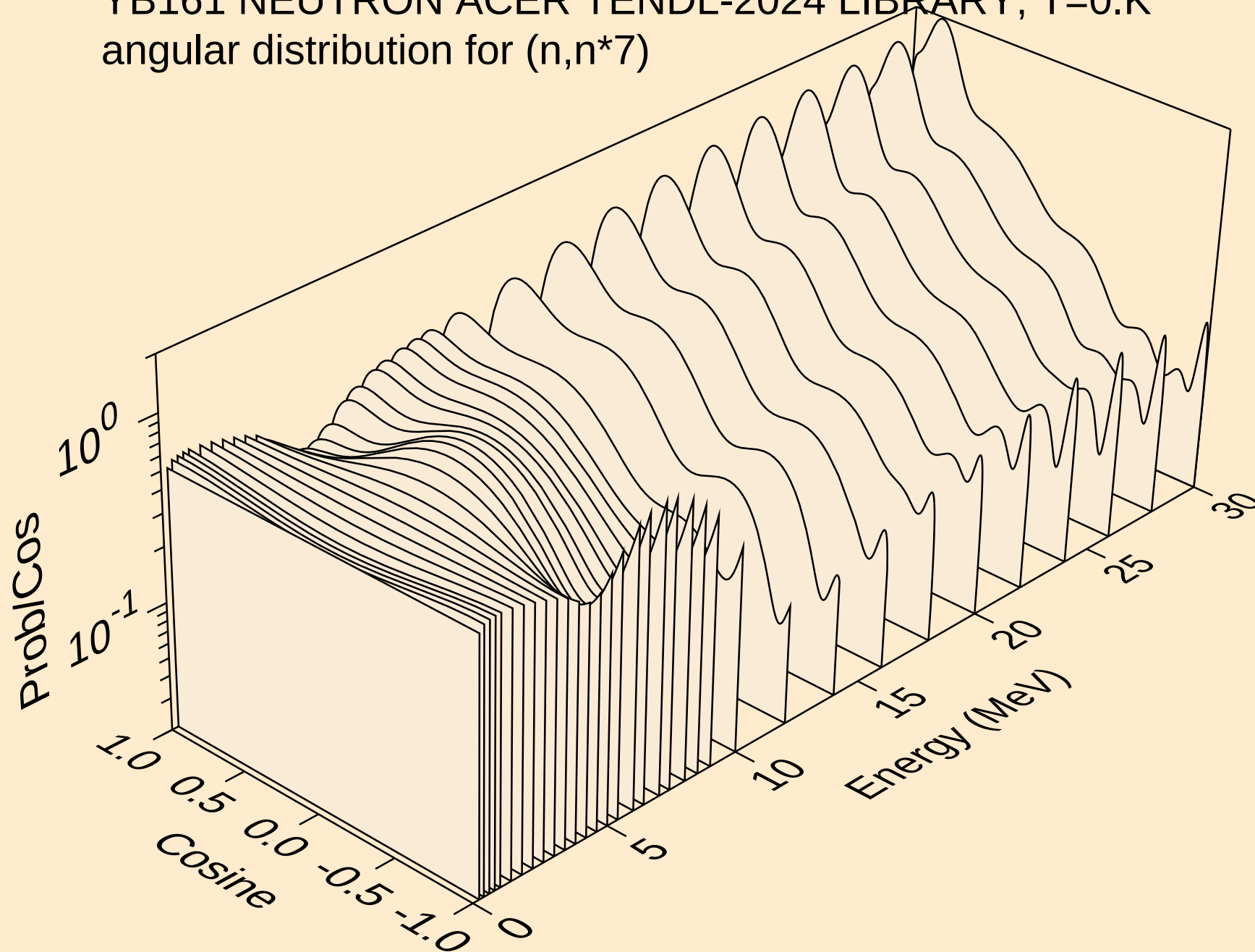
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



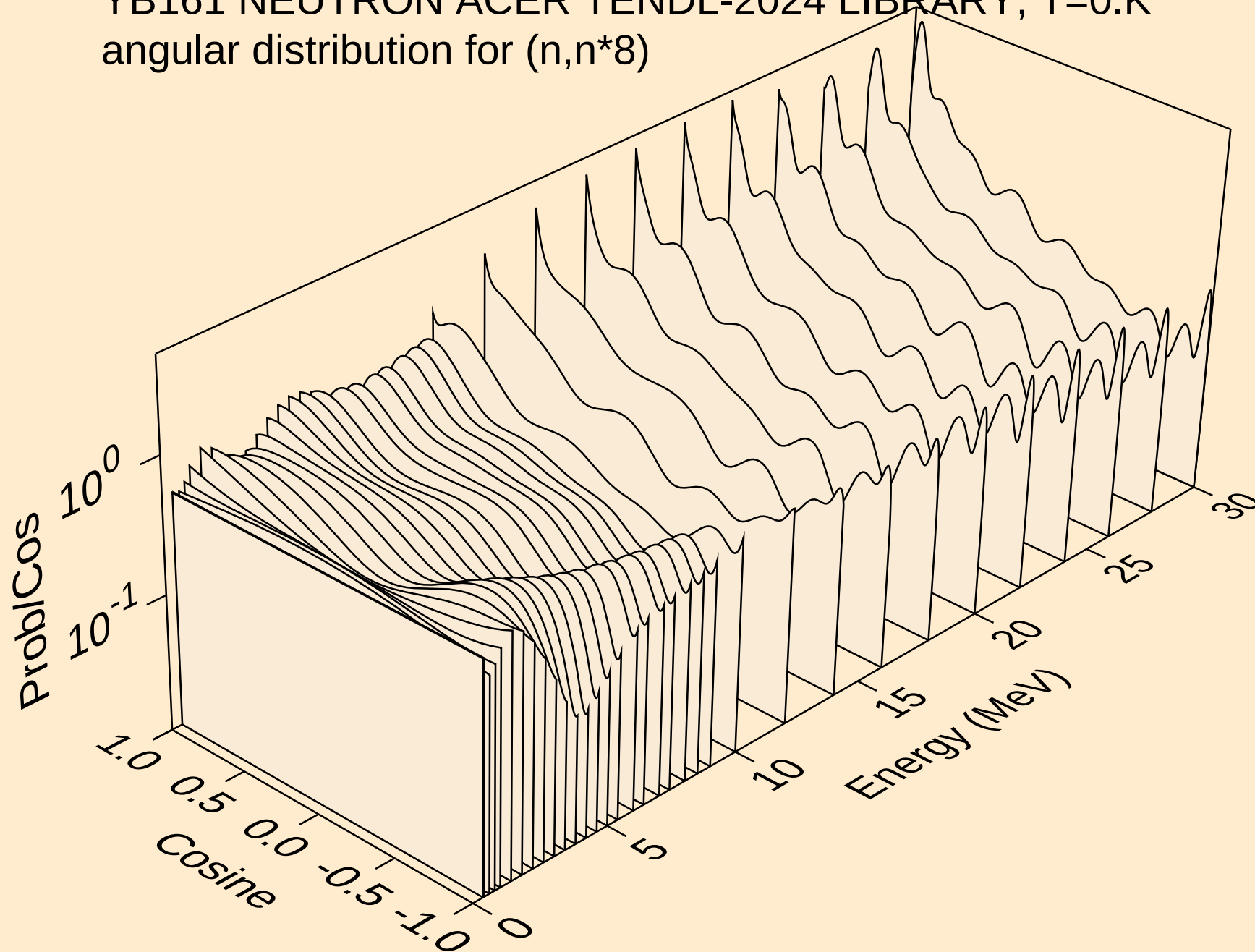
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



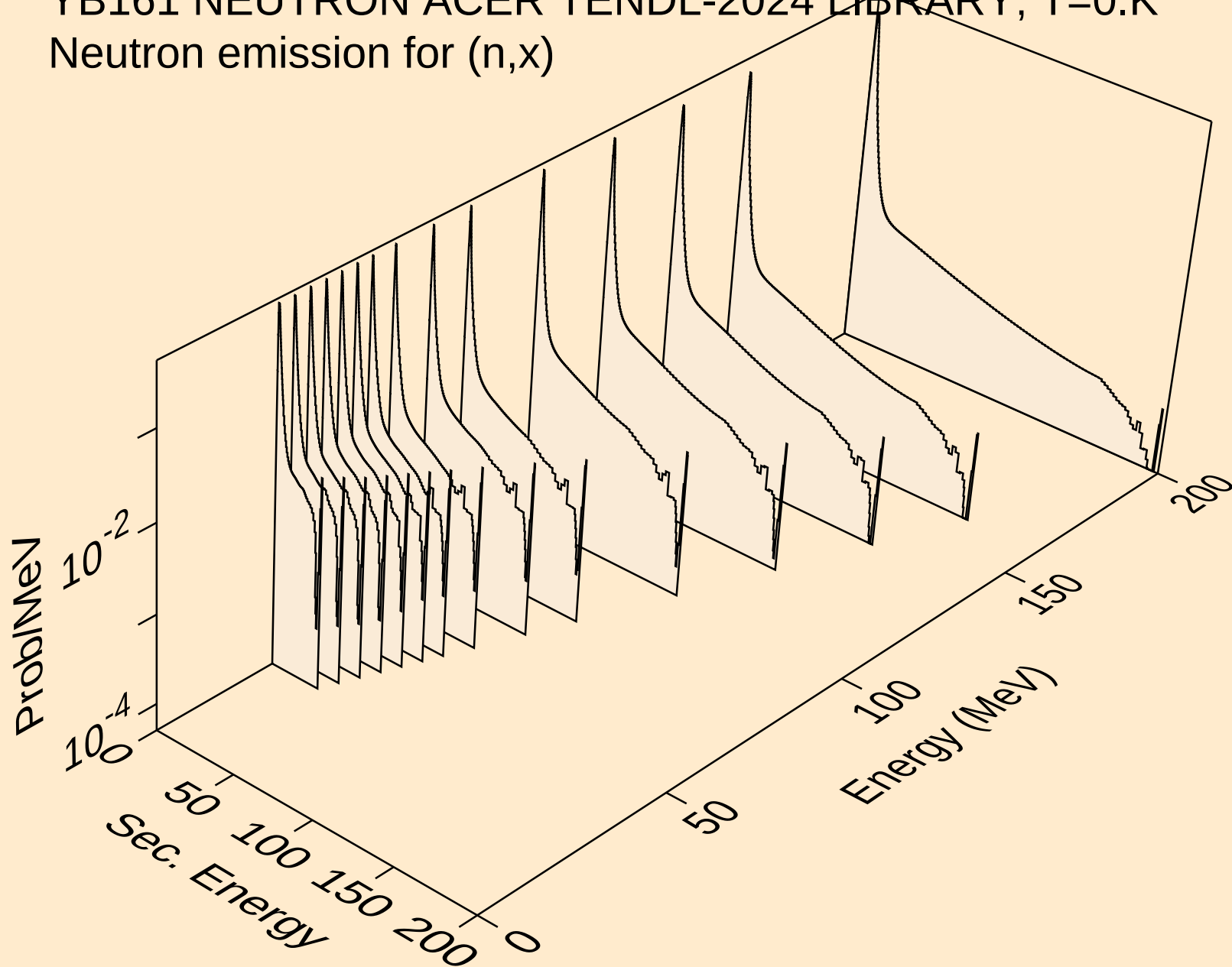
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



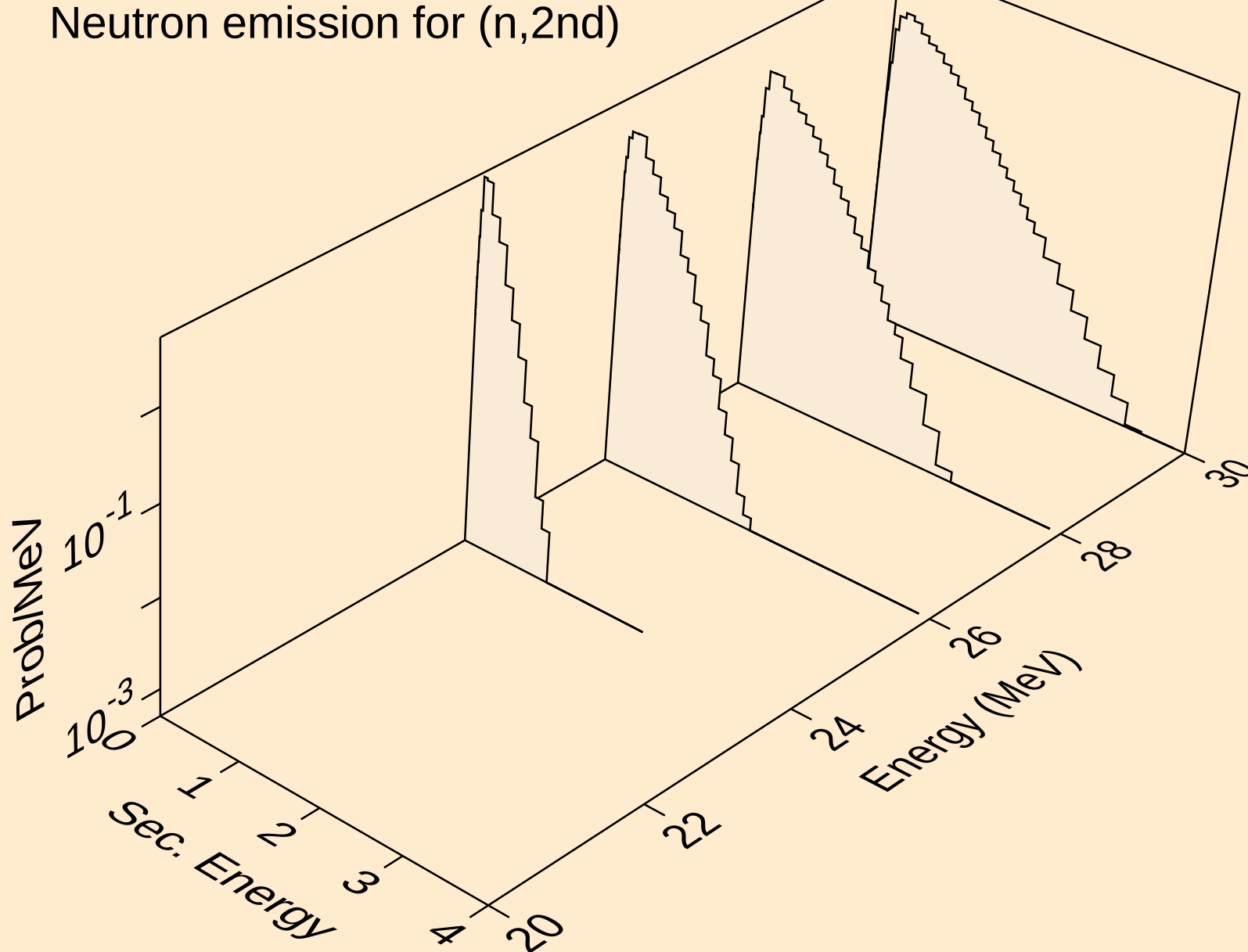
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



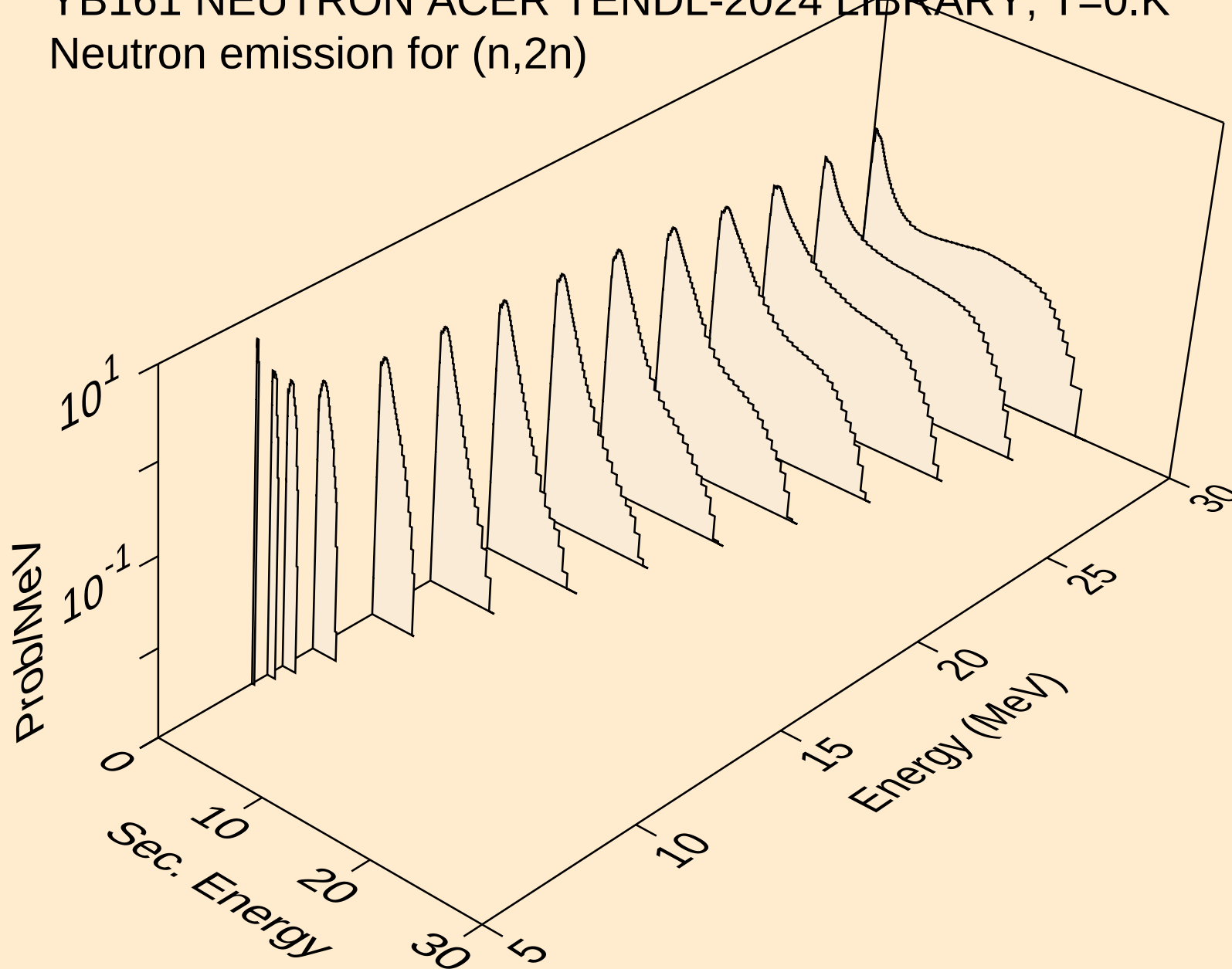
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



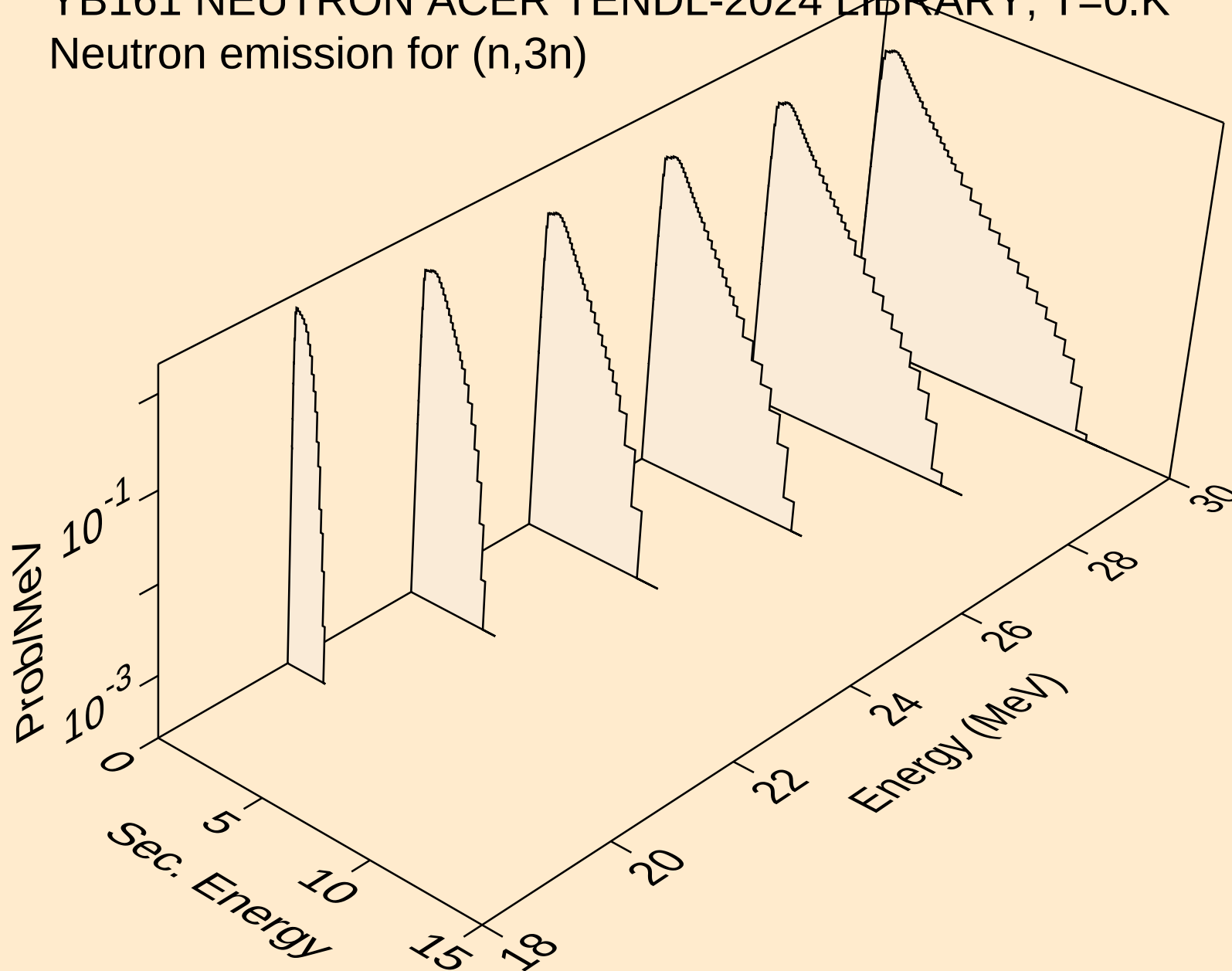
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

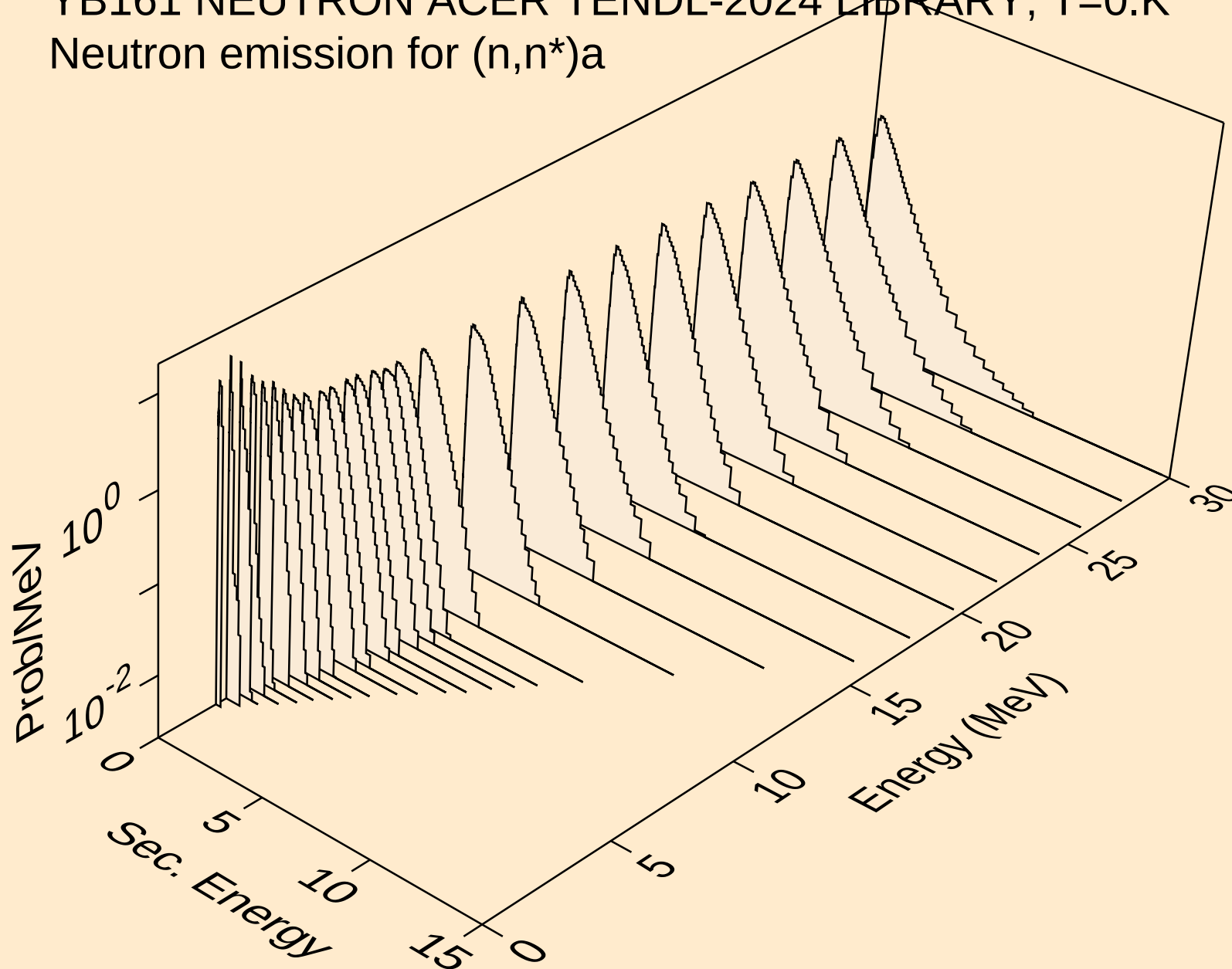


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

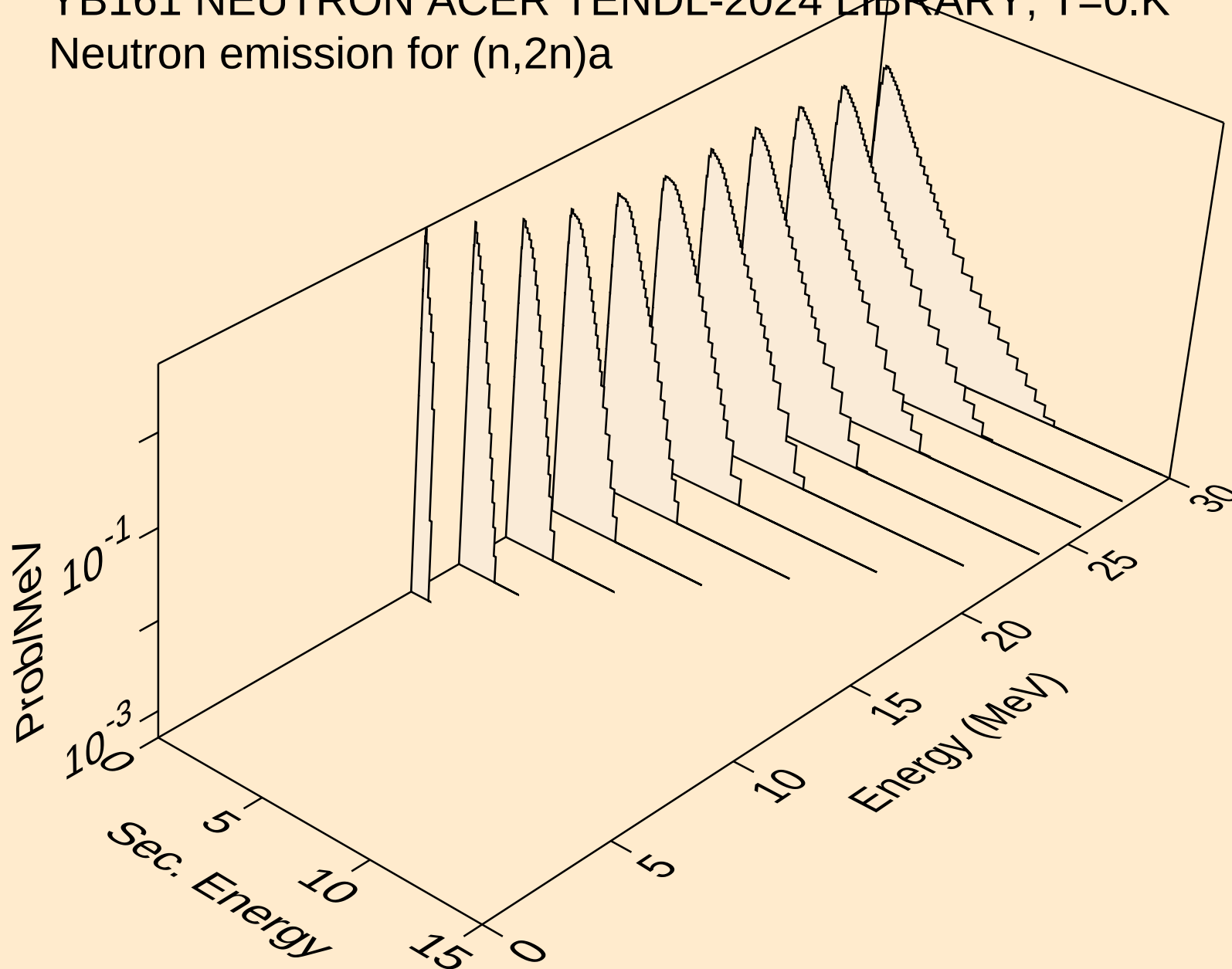


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

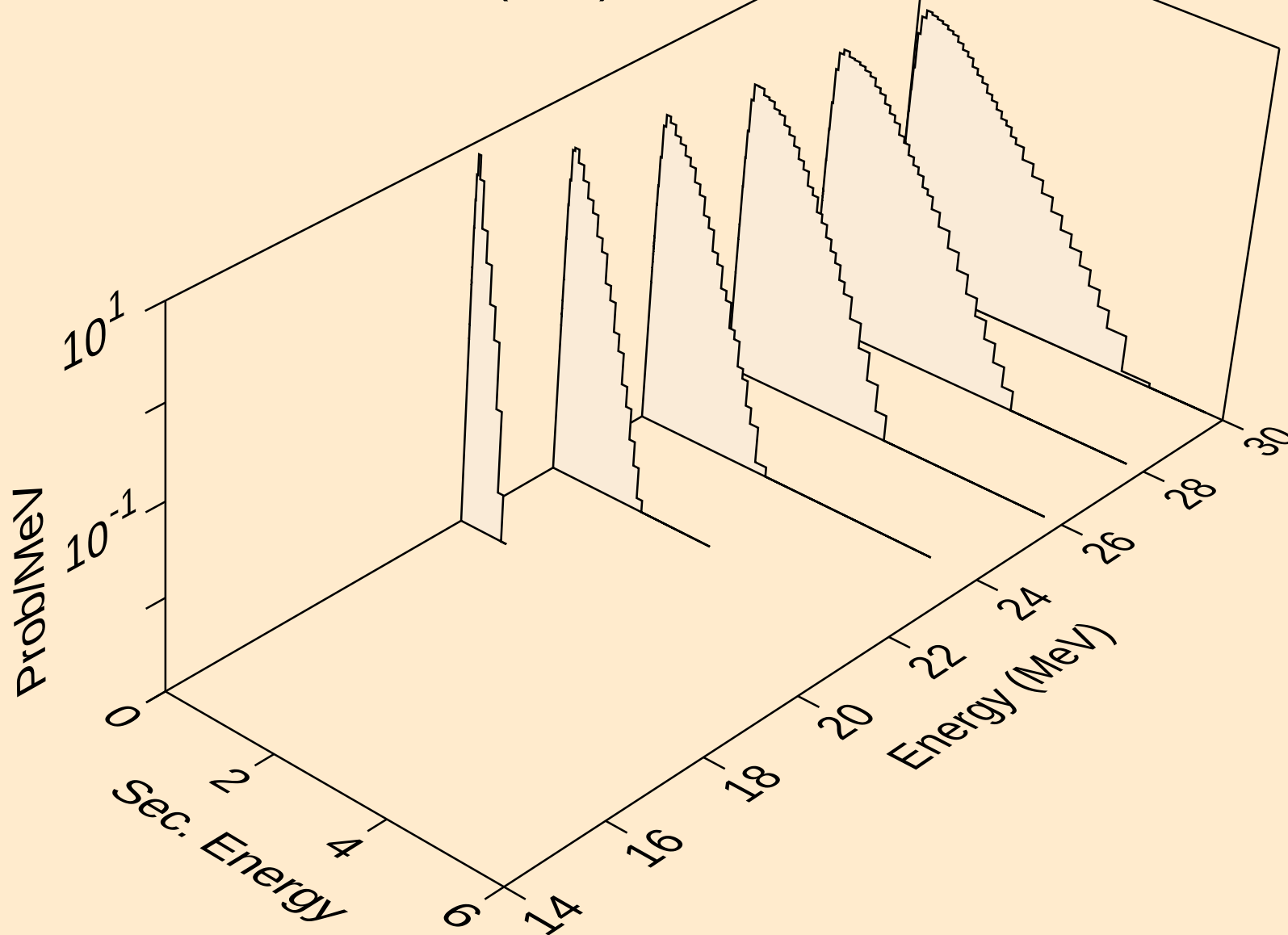
Neutron emission for (n,n\*)a



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>

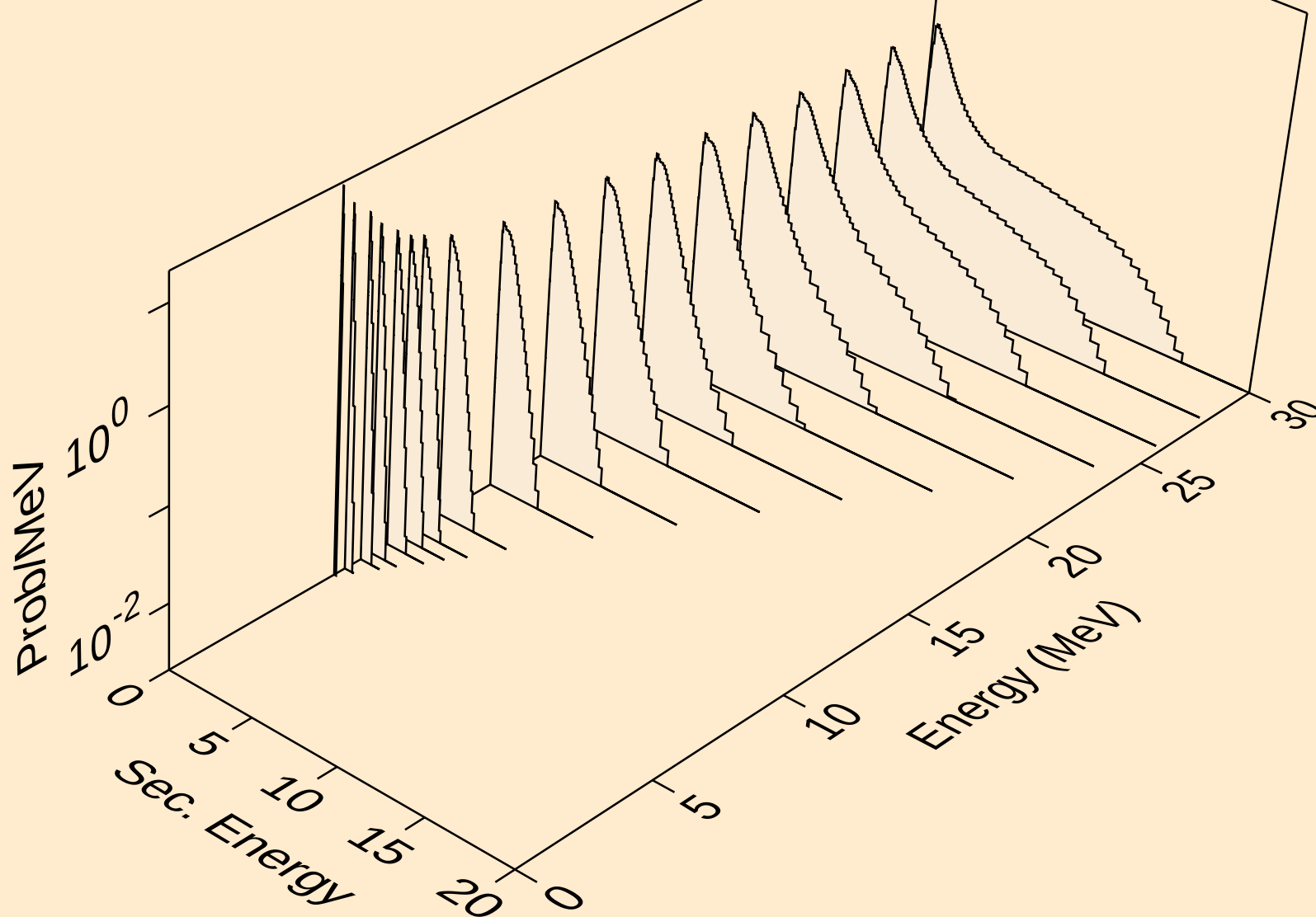


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

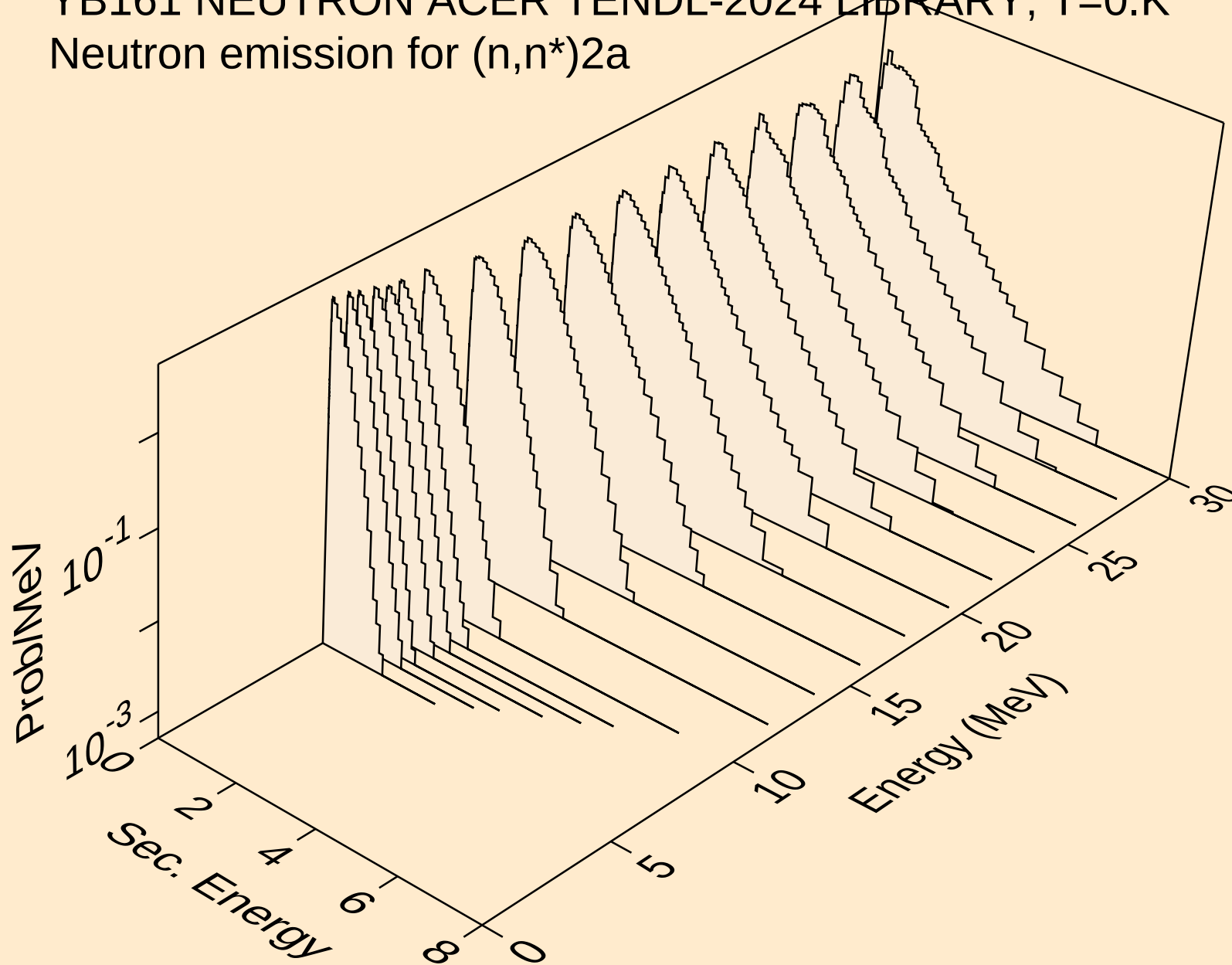


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

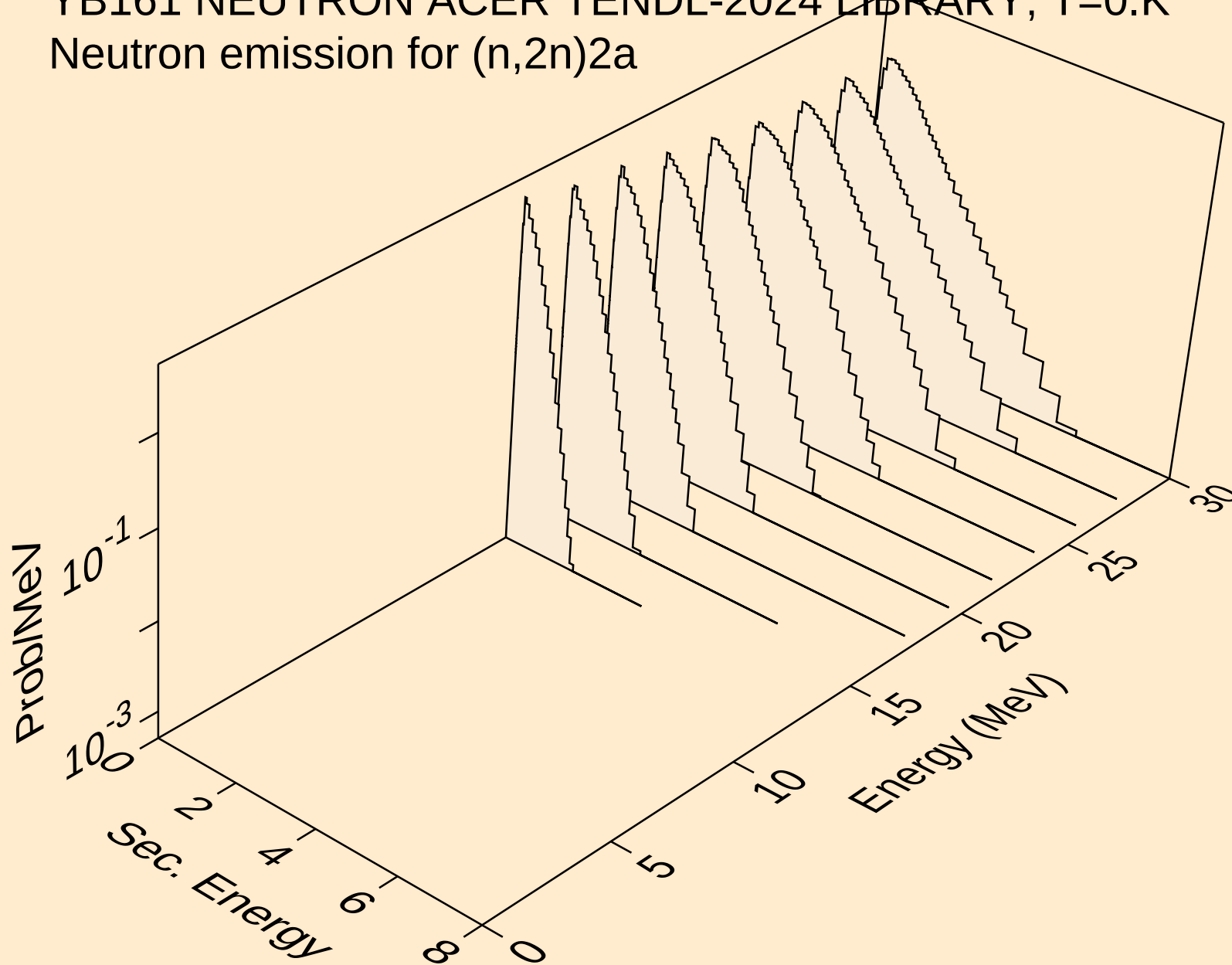
Neutron emission for (n,n\*)p



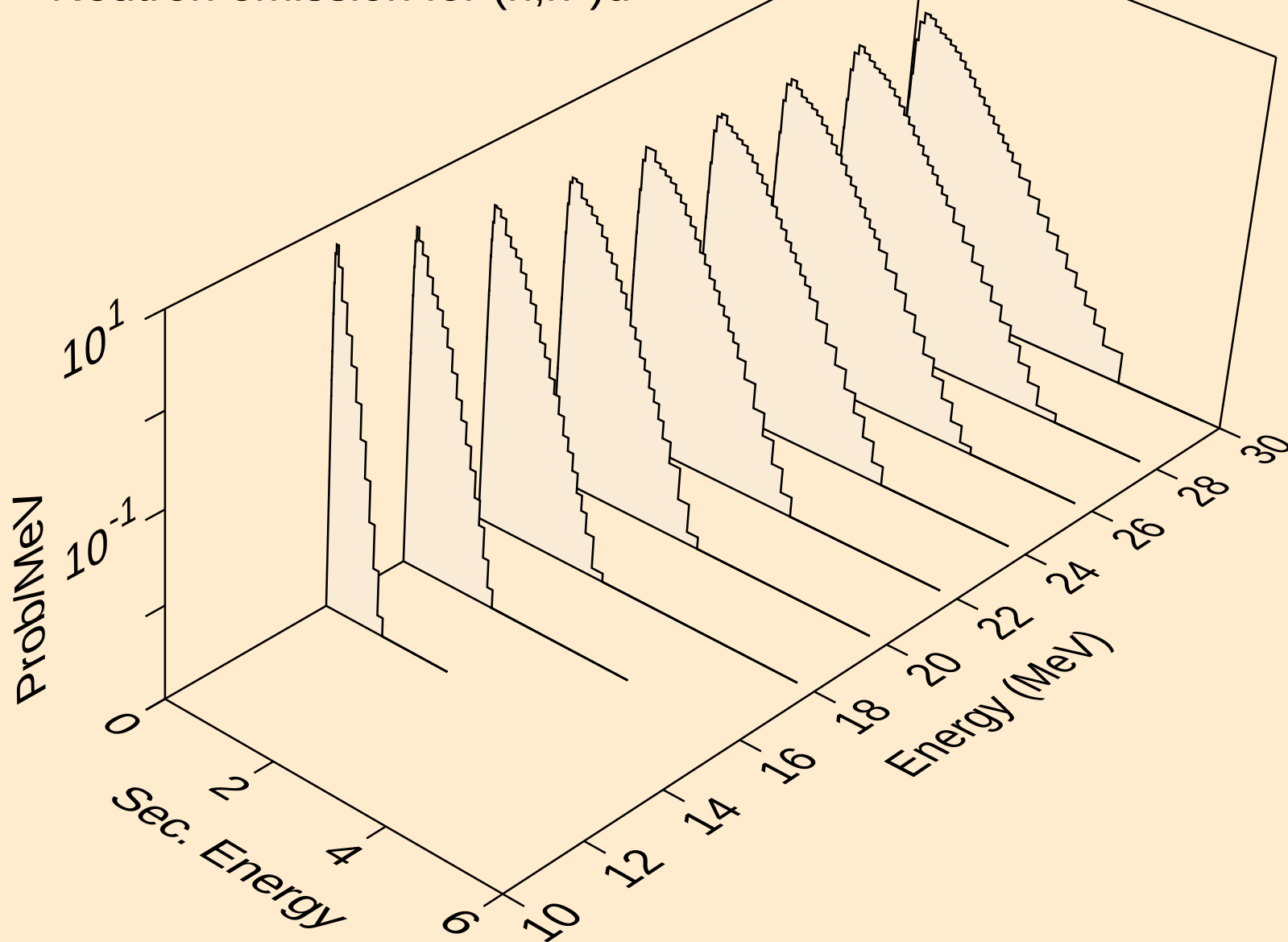
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

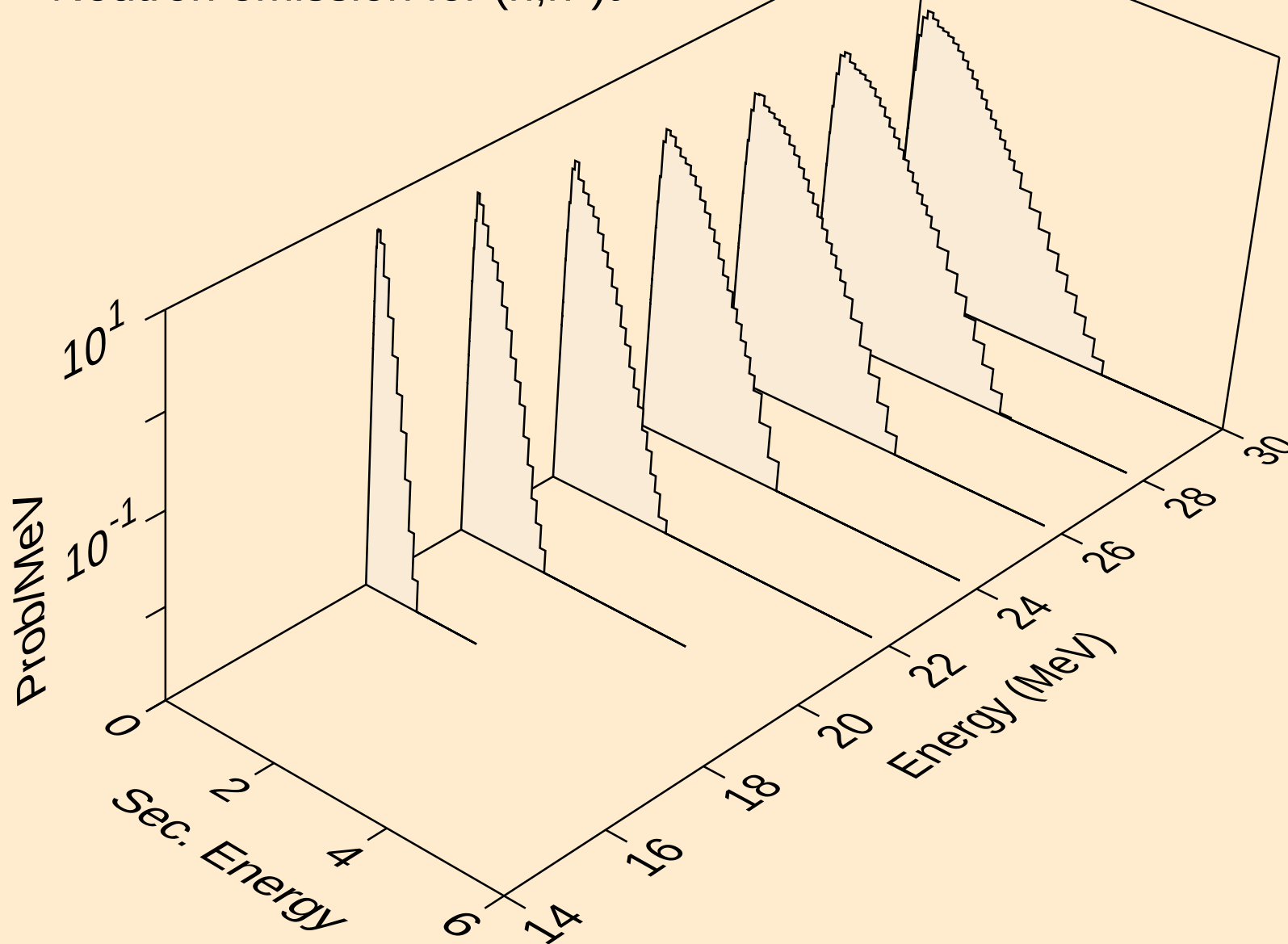


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

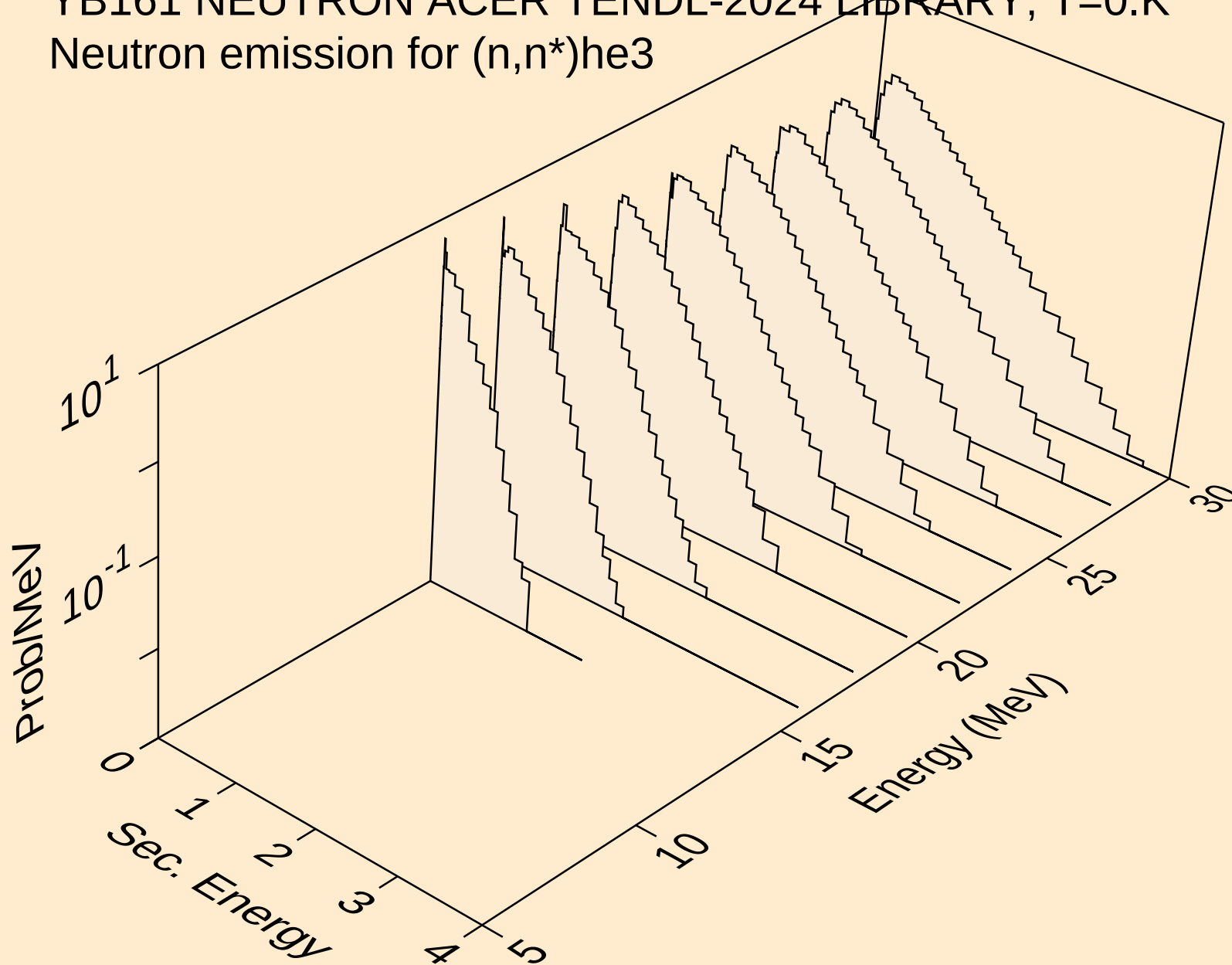


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

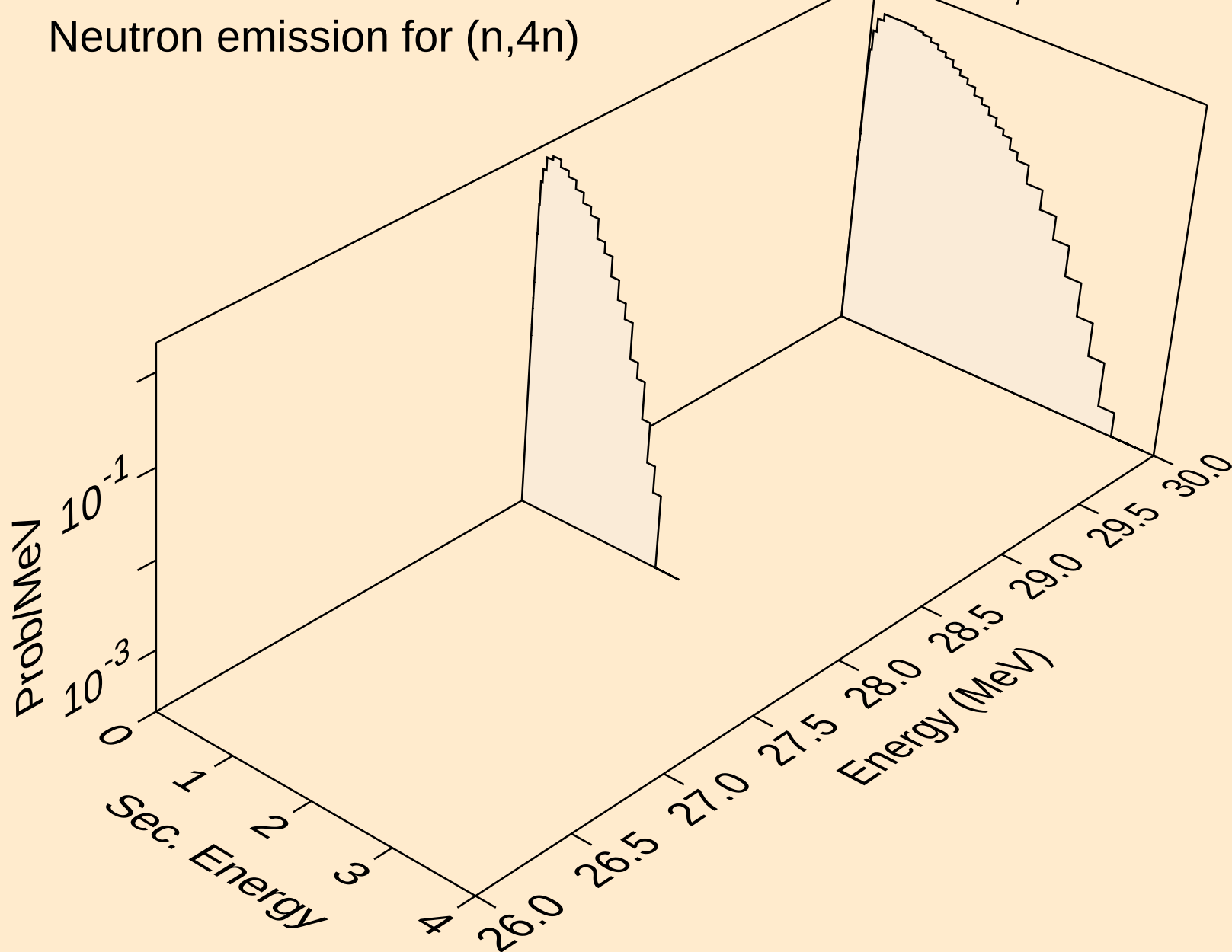
Neutron emission for (n,n\*)t



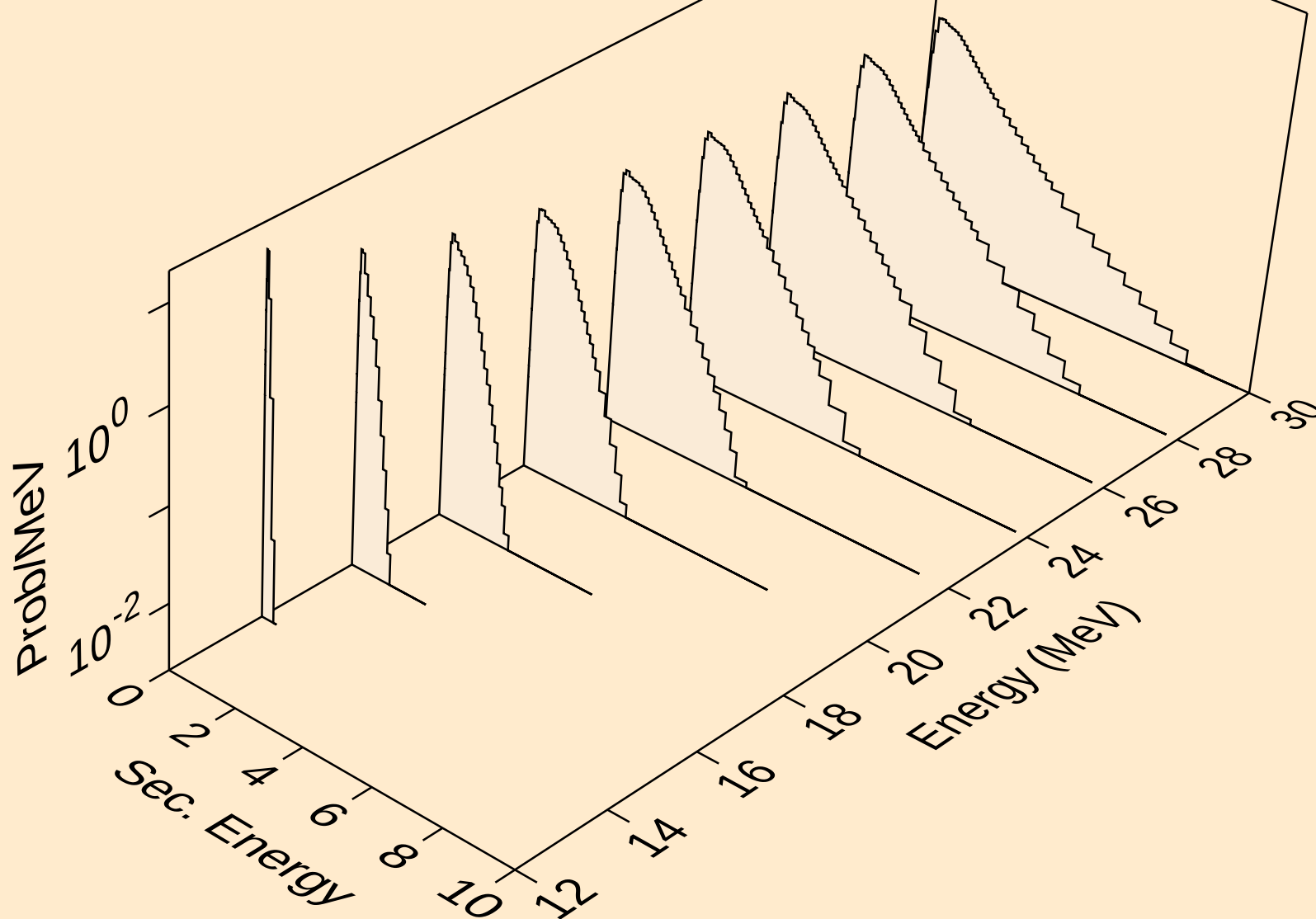
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



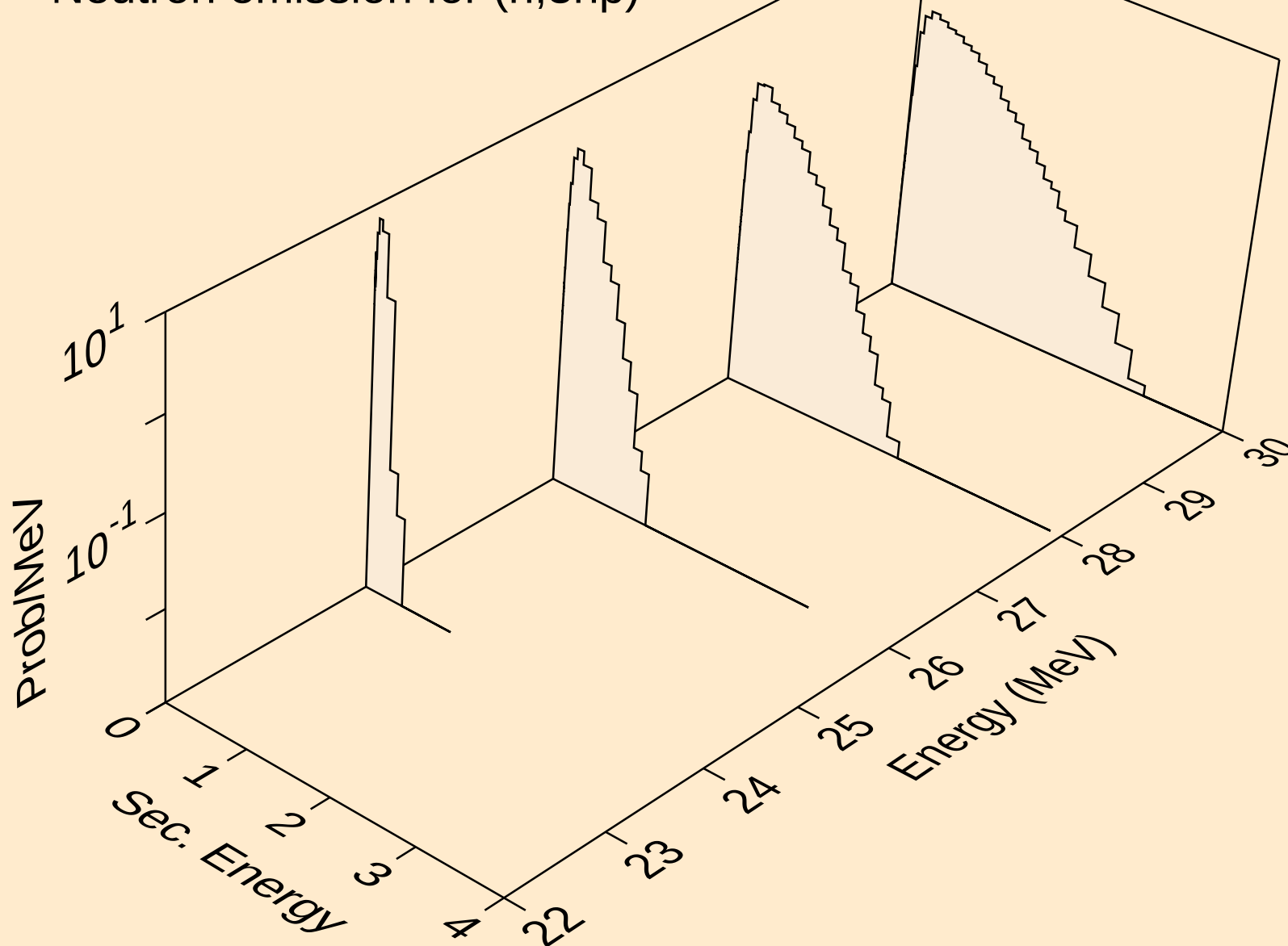
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



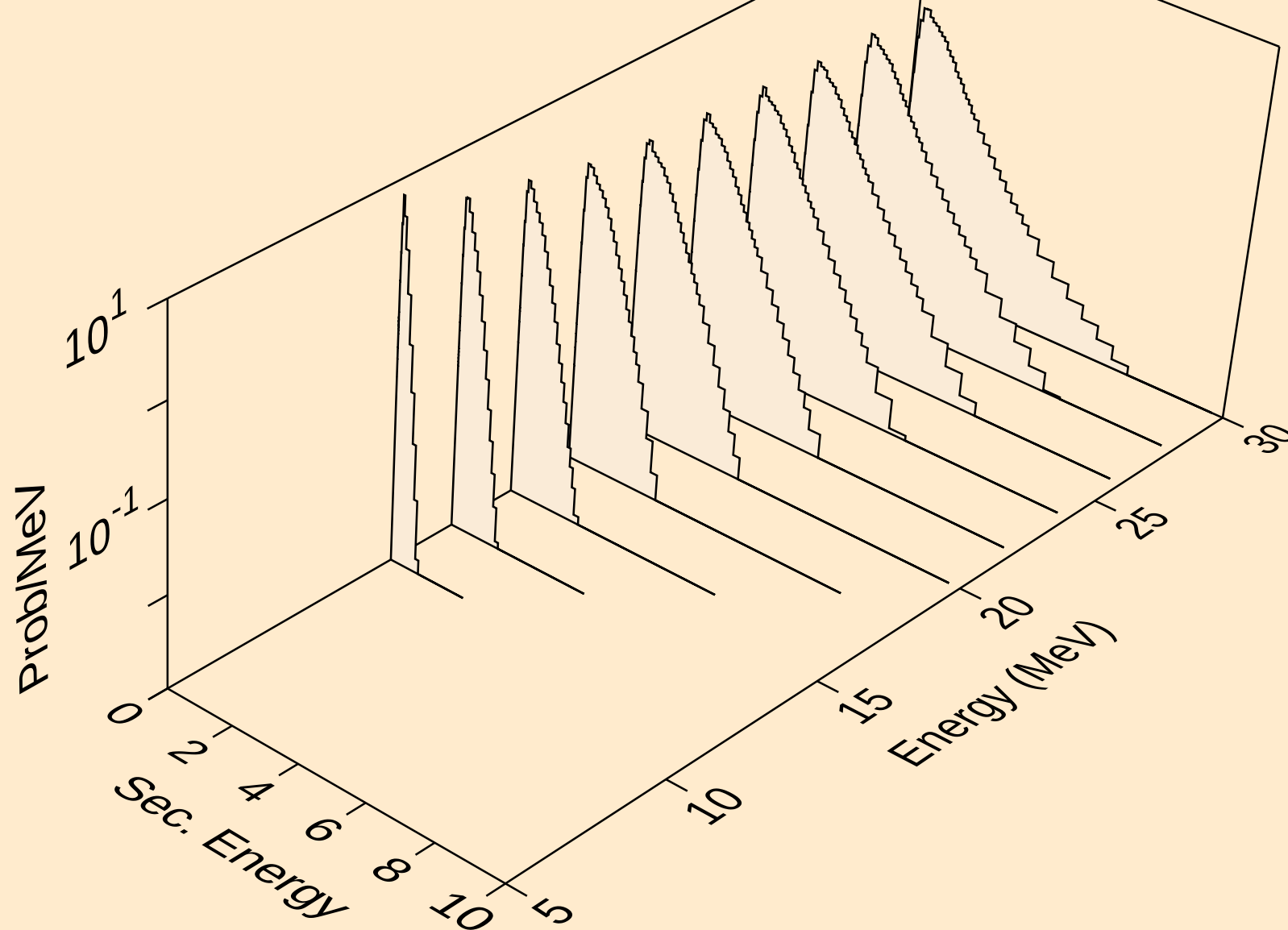
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



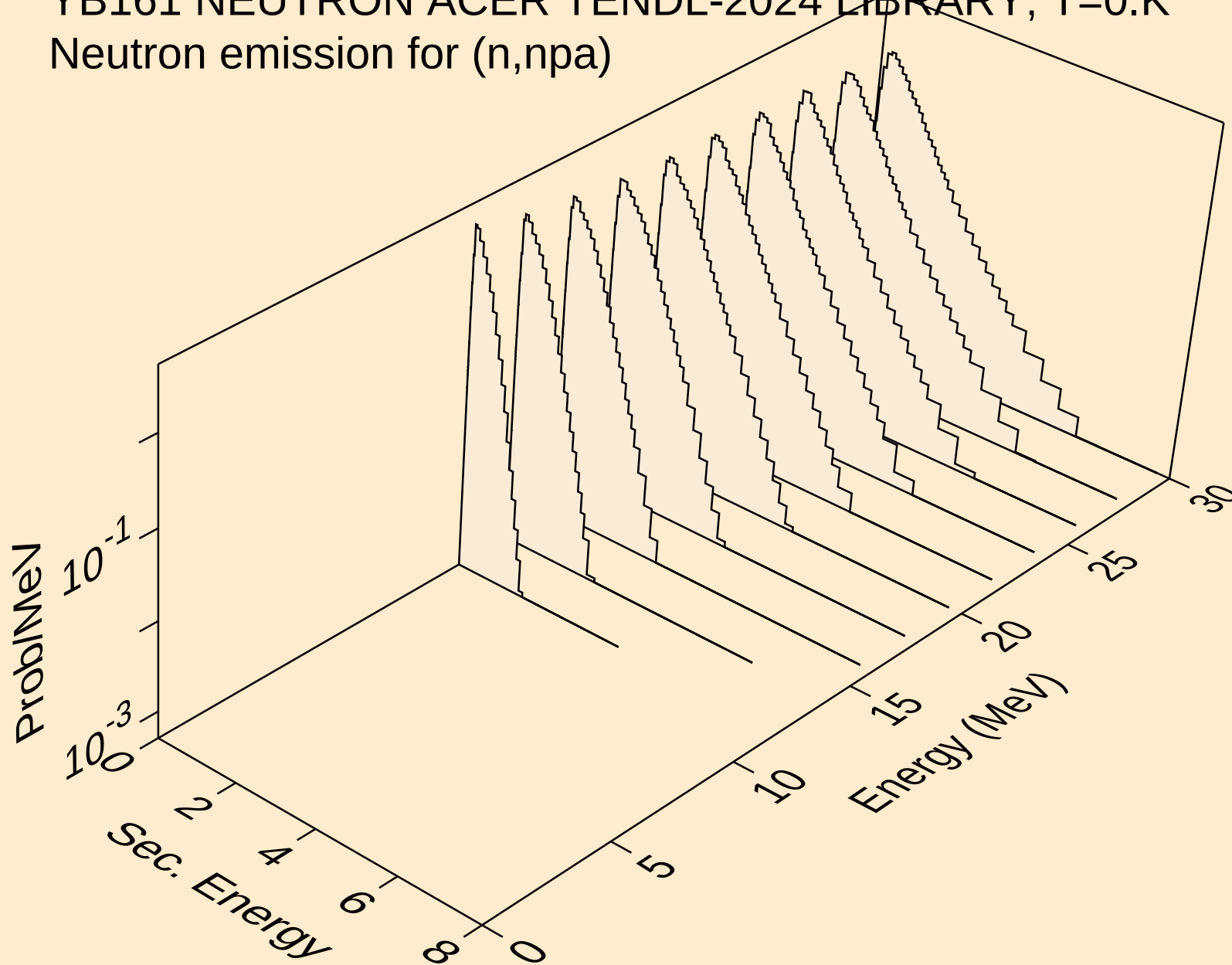
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



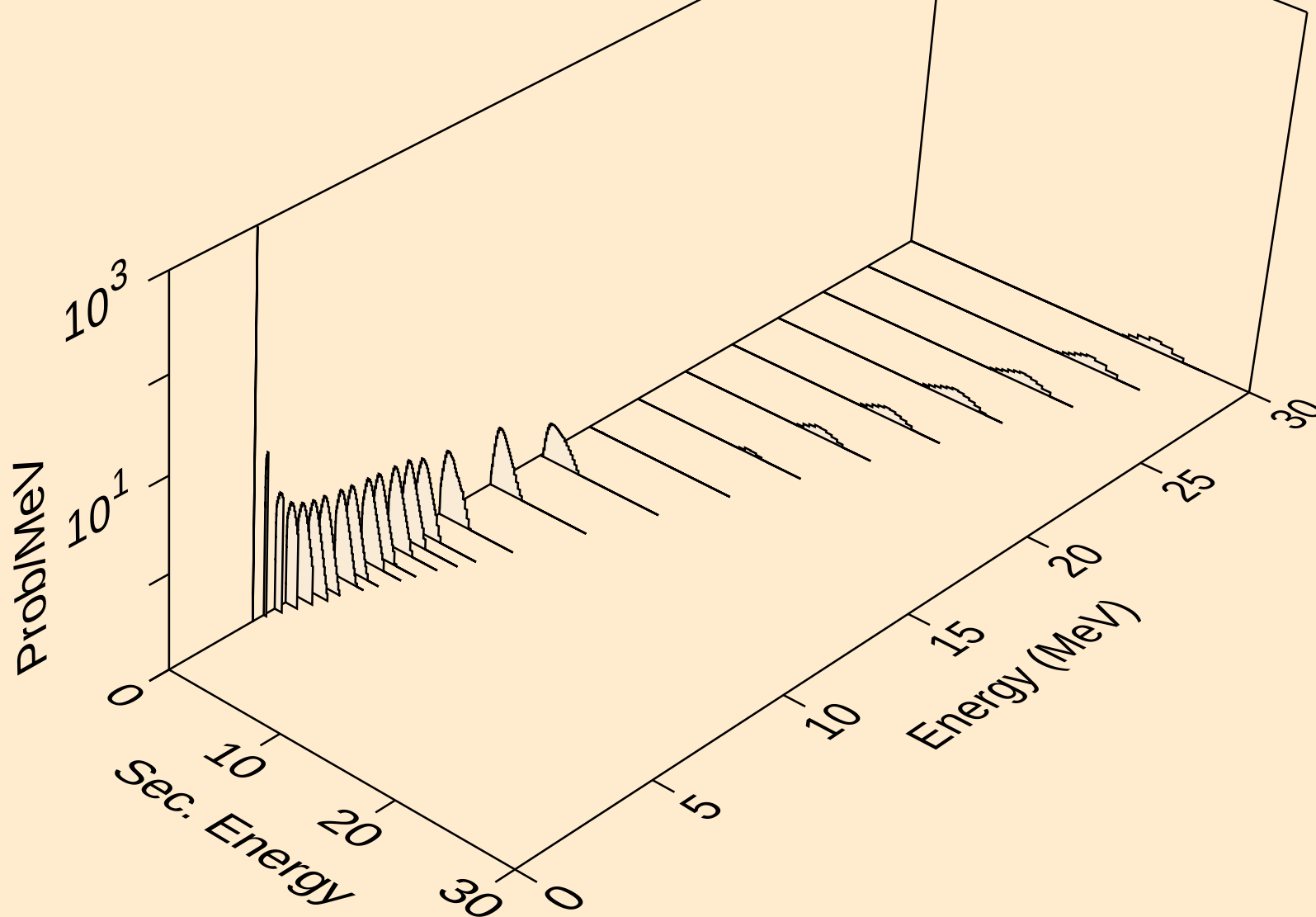
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



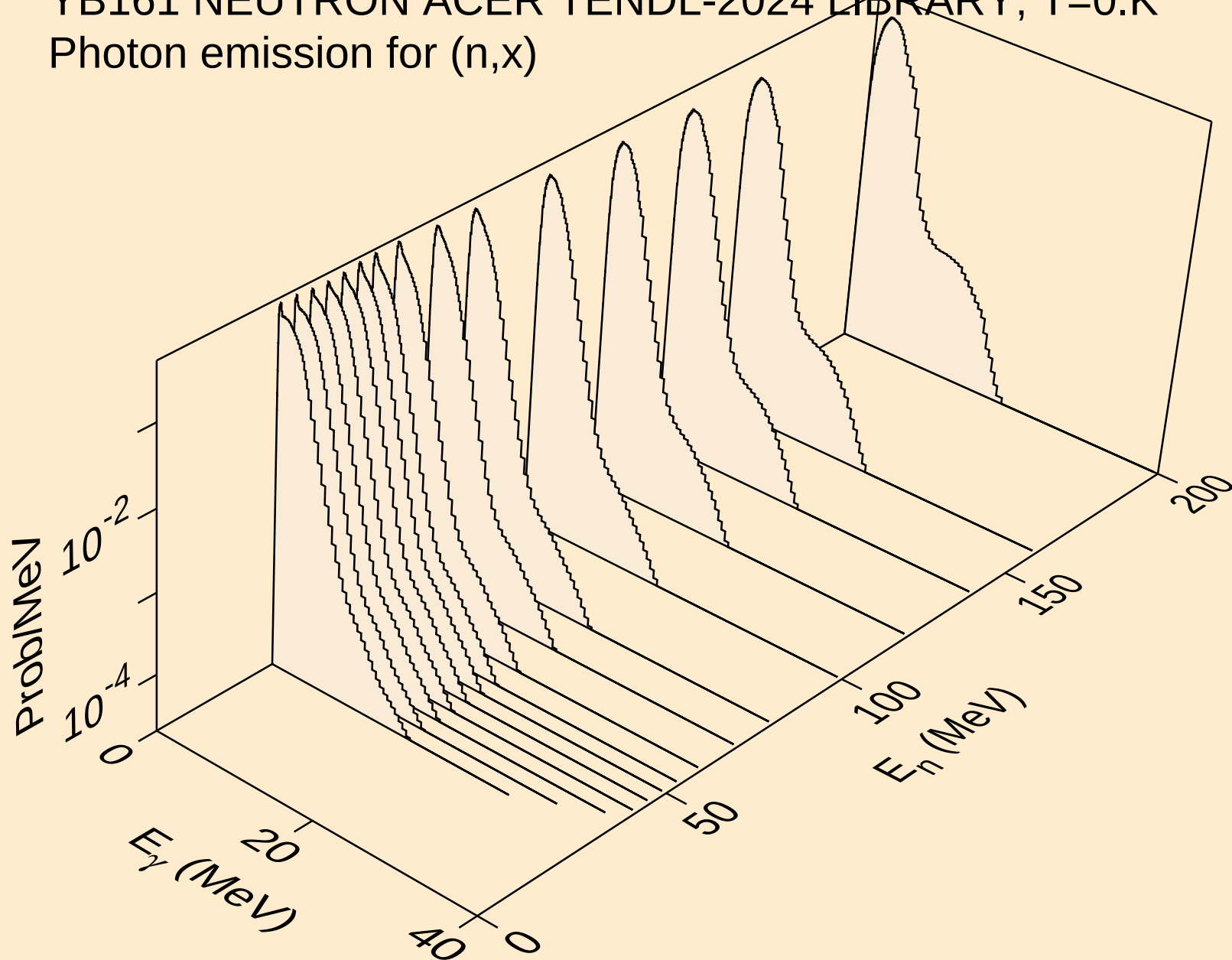
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



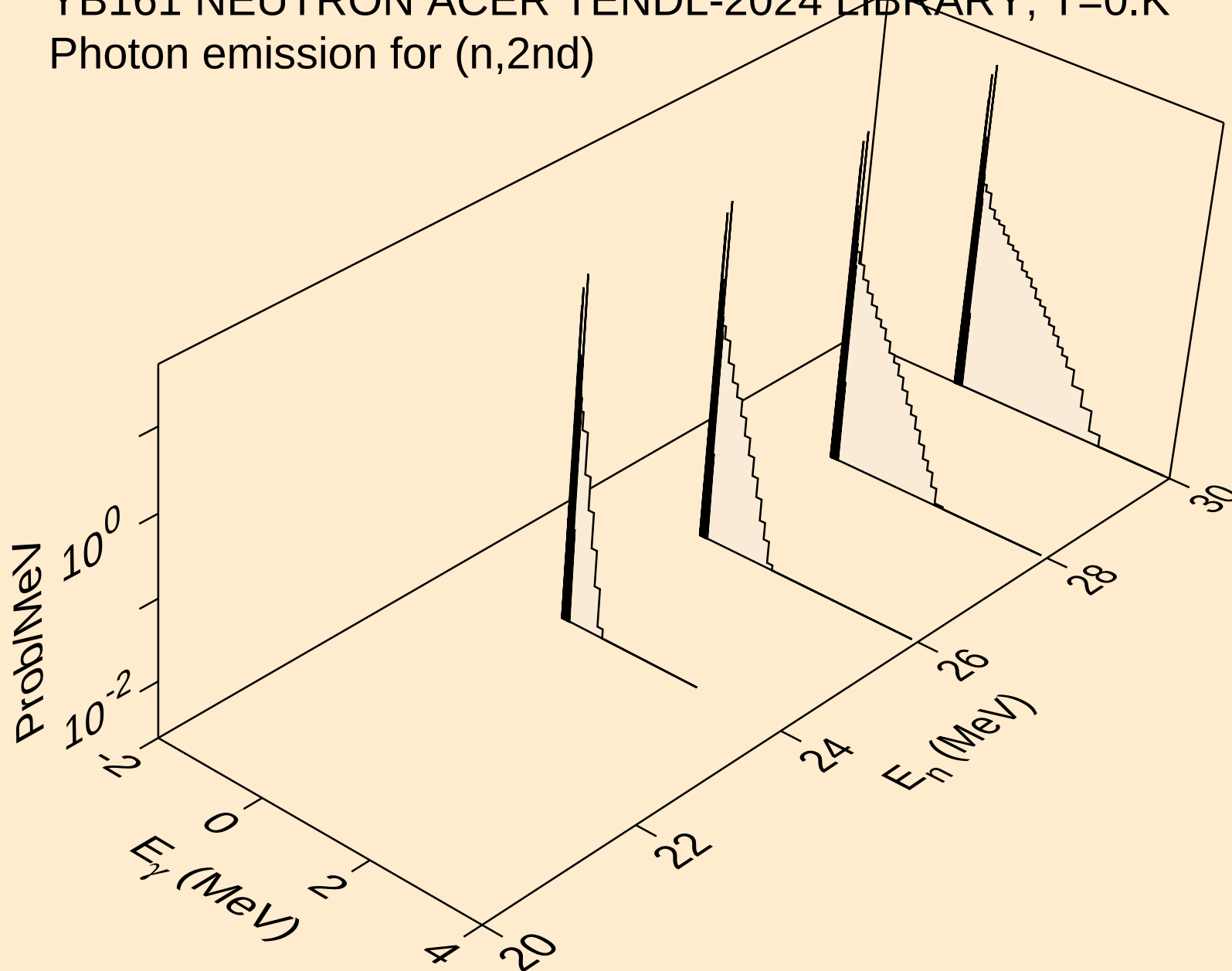
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



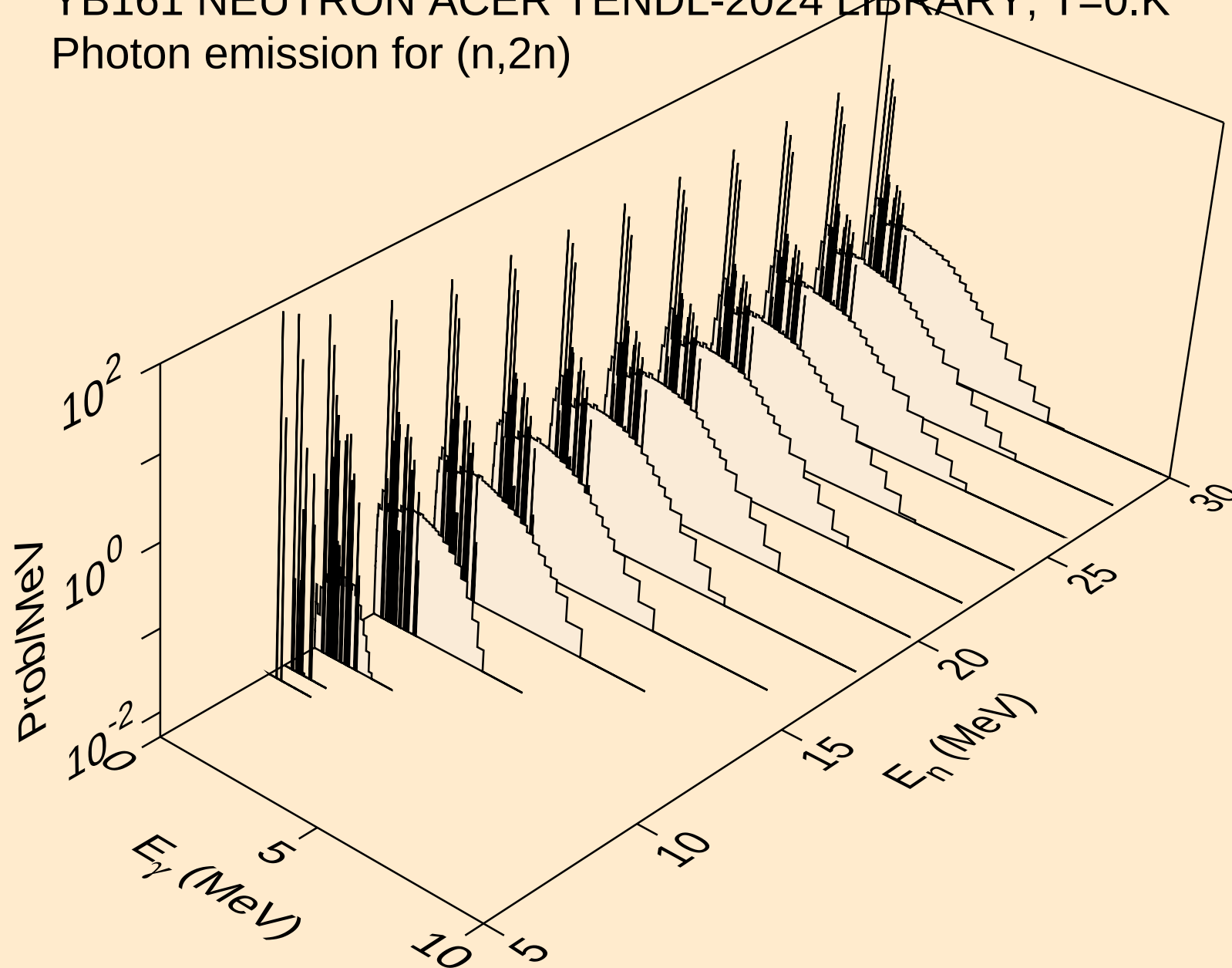
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



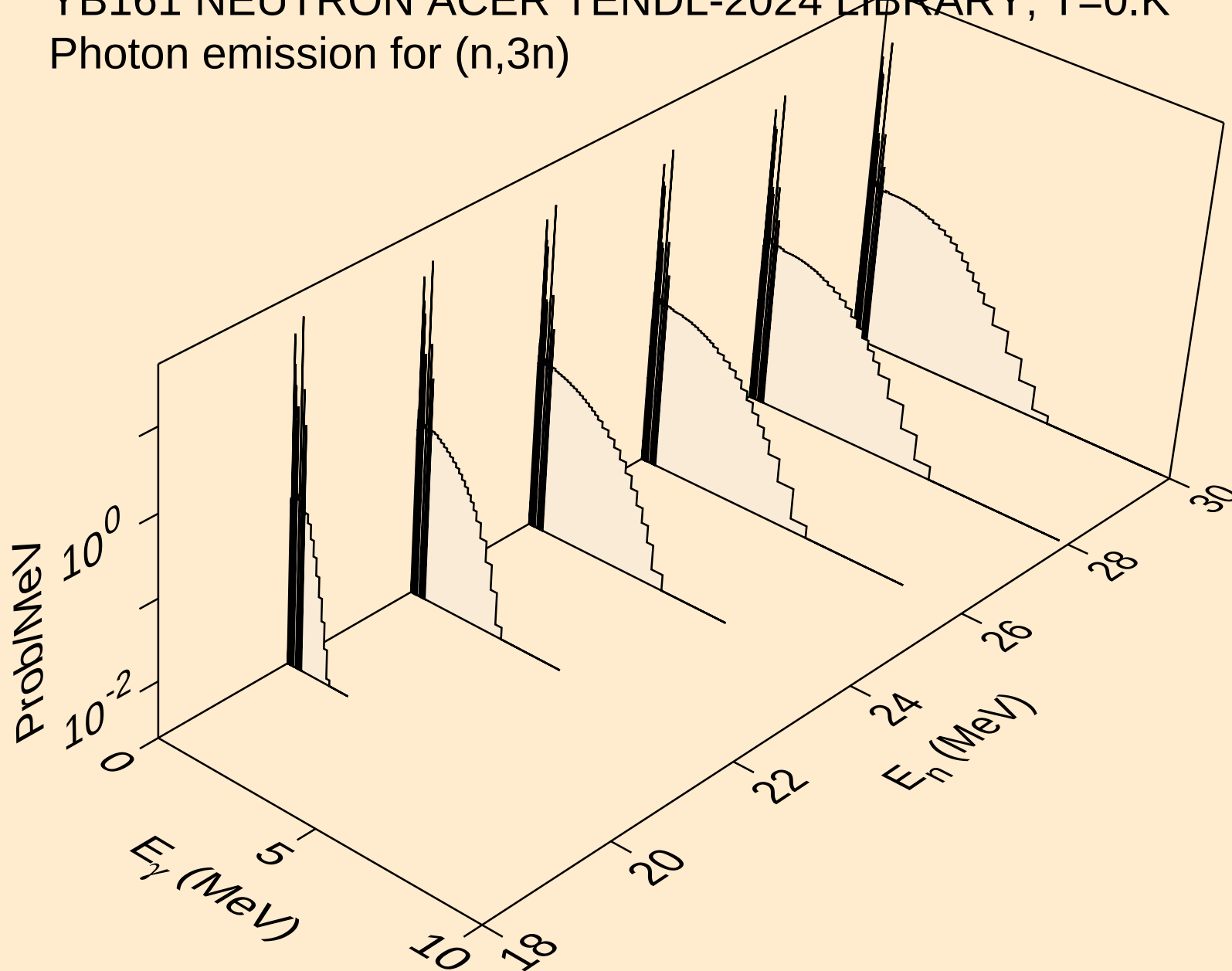
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

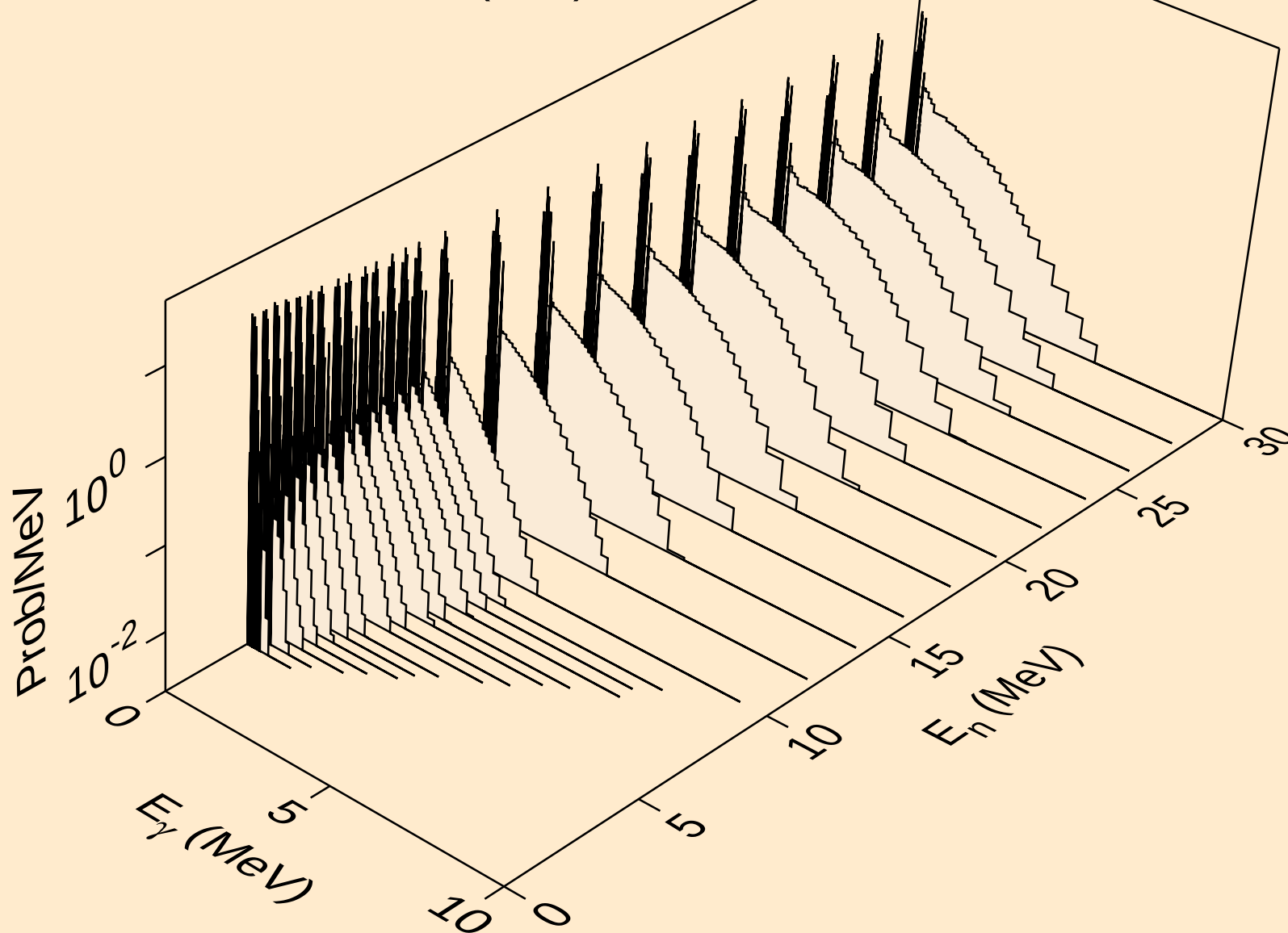


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



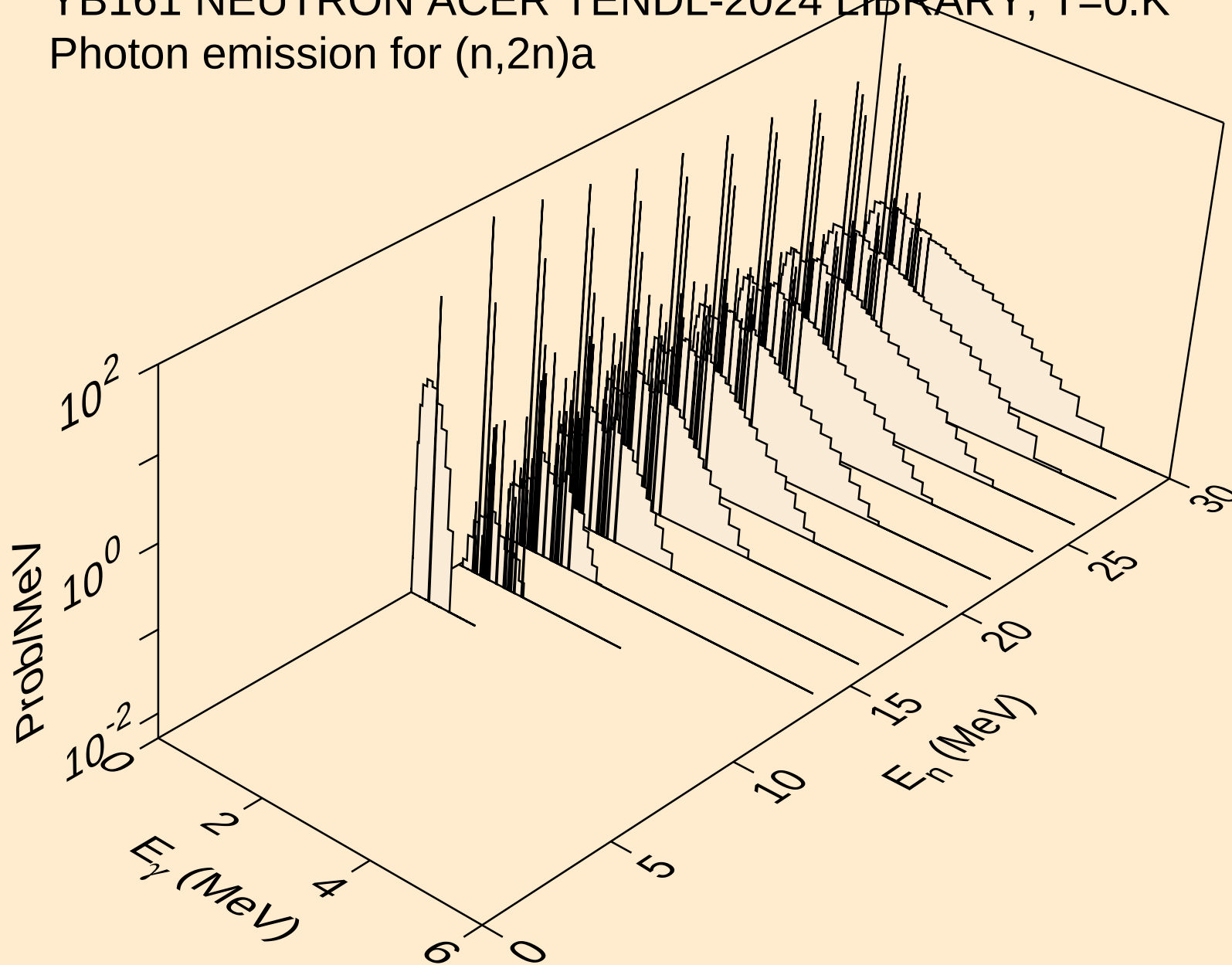
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



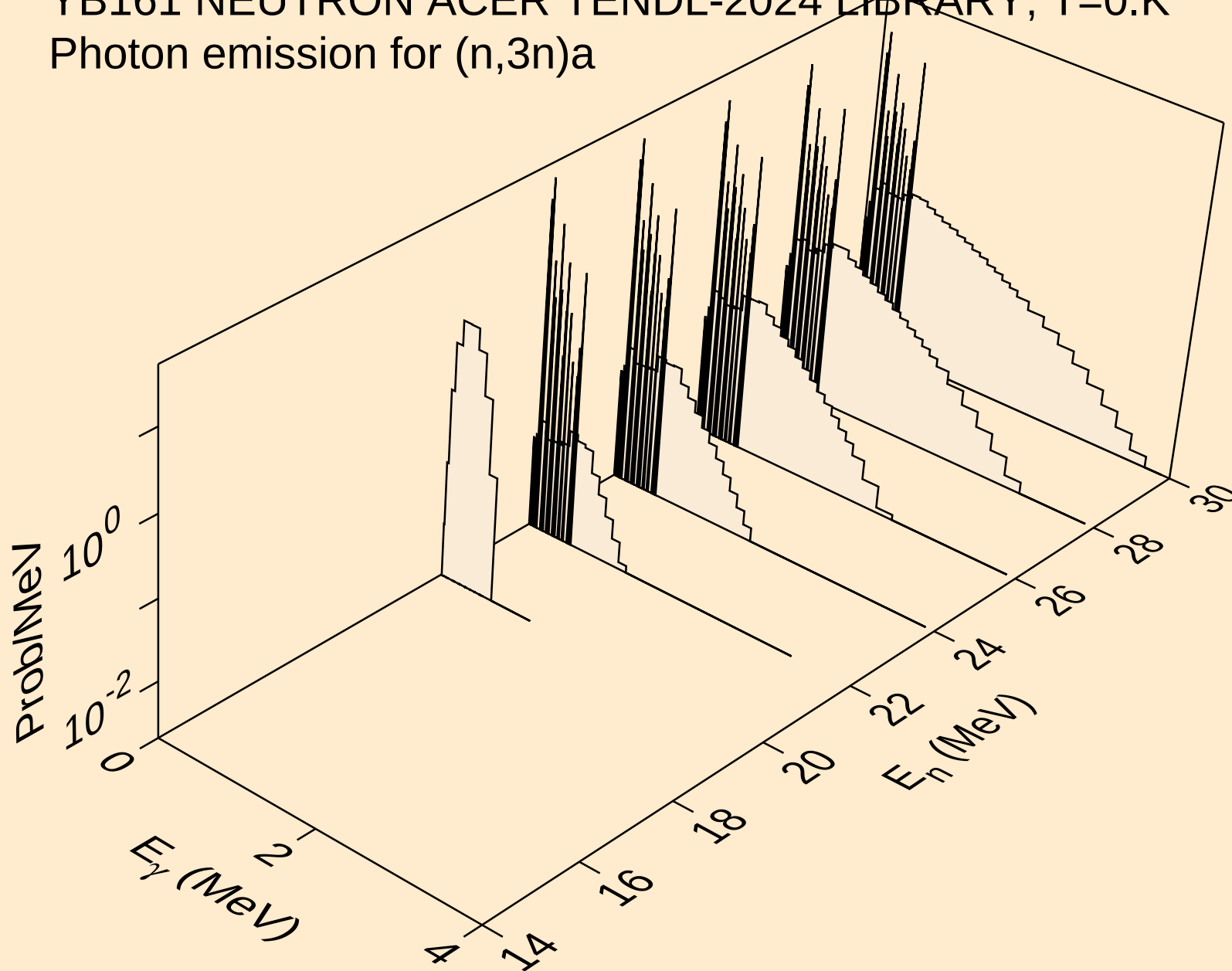
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



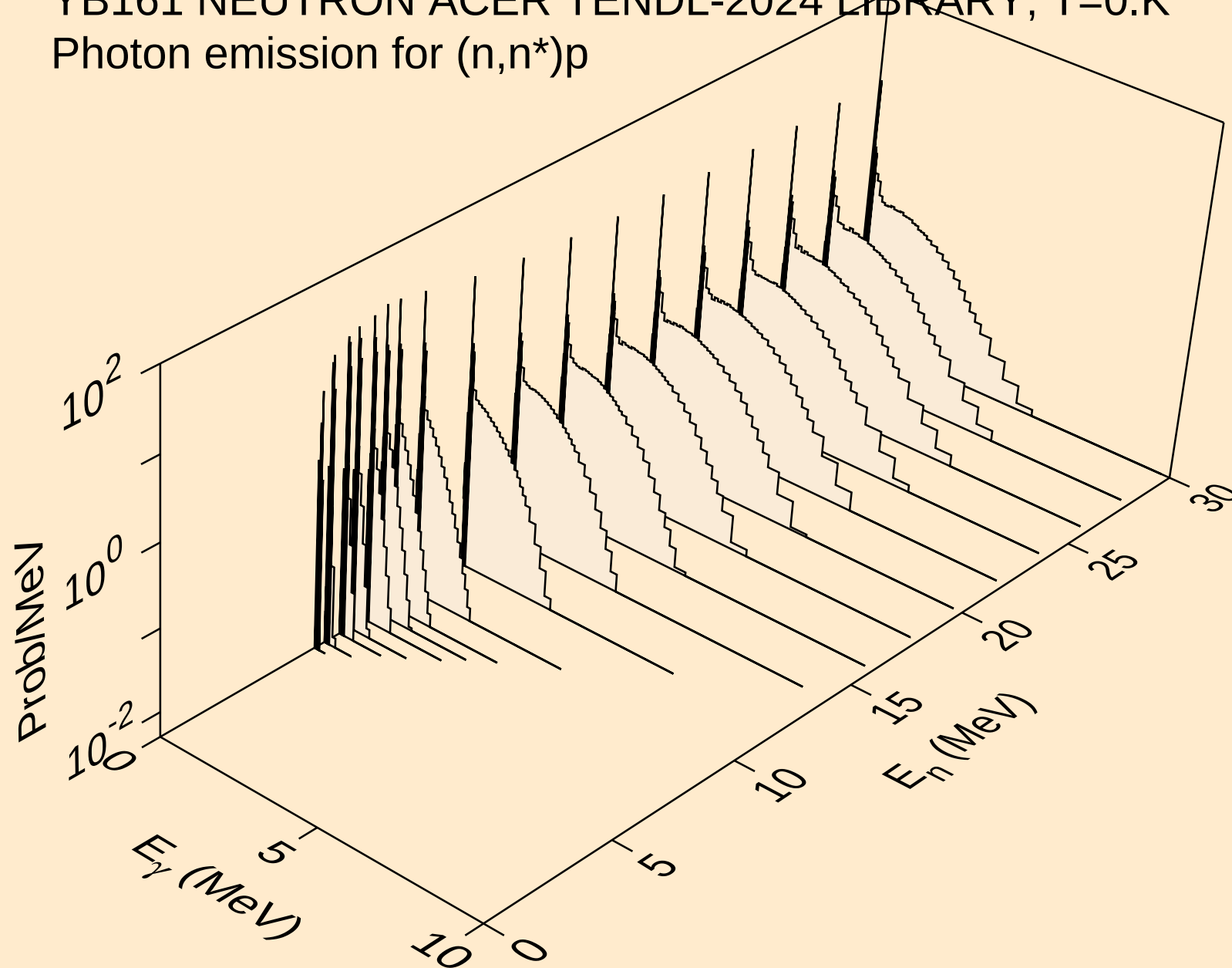
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

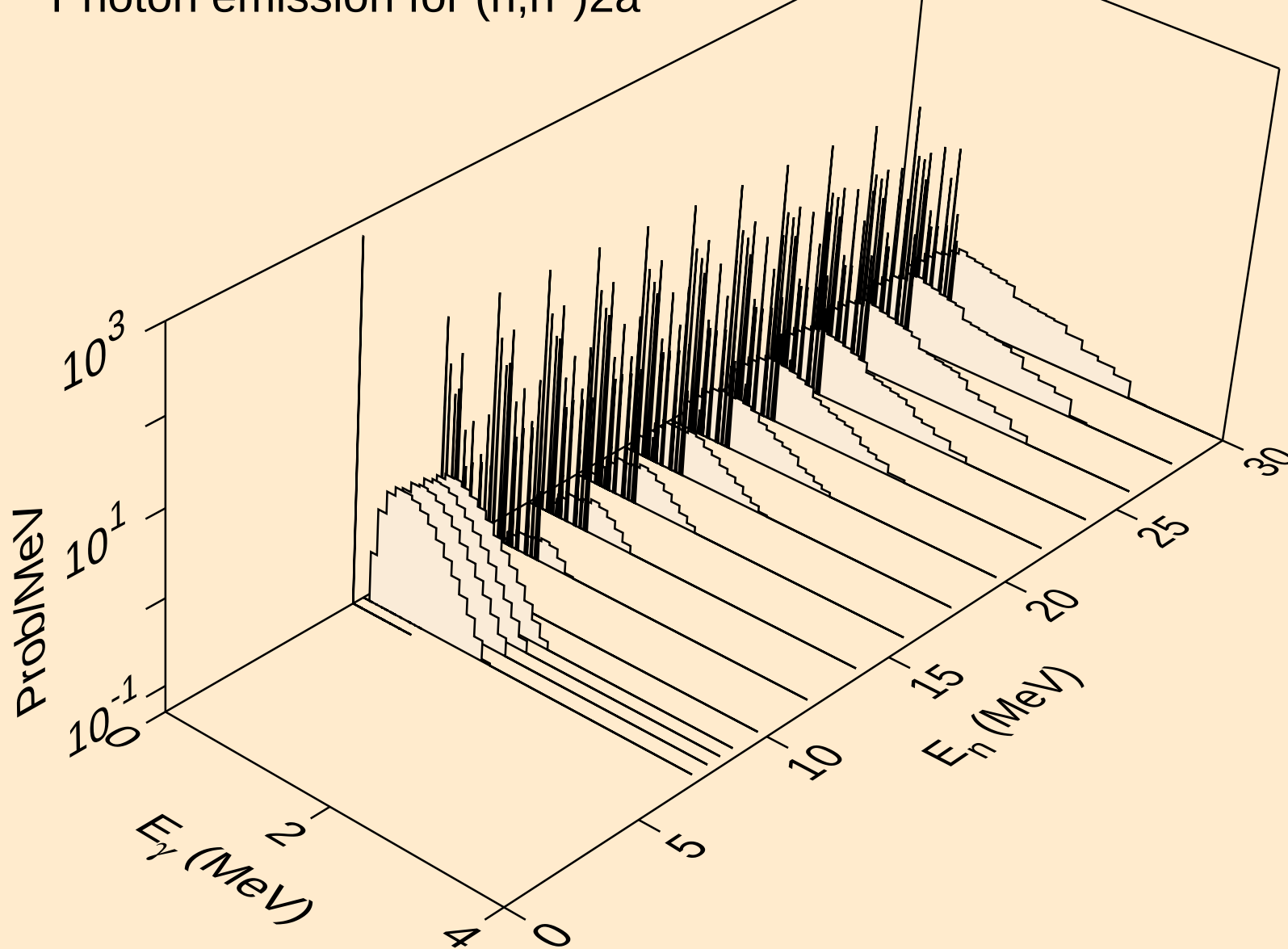


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

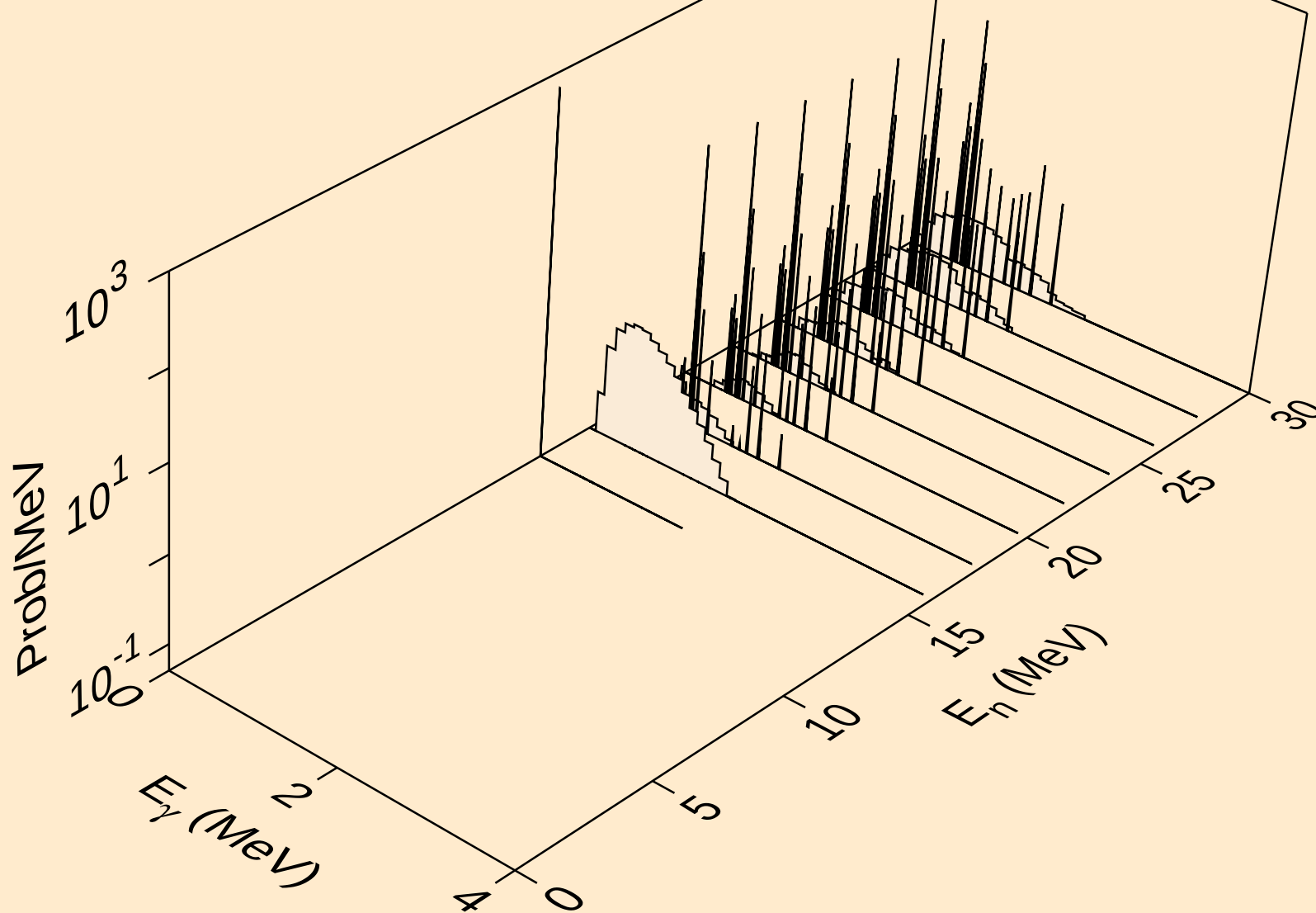
Photon emission for (n,n\*)p



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

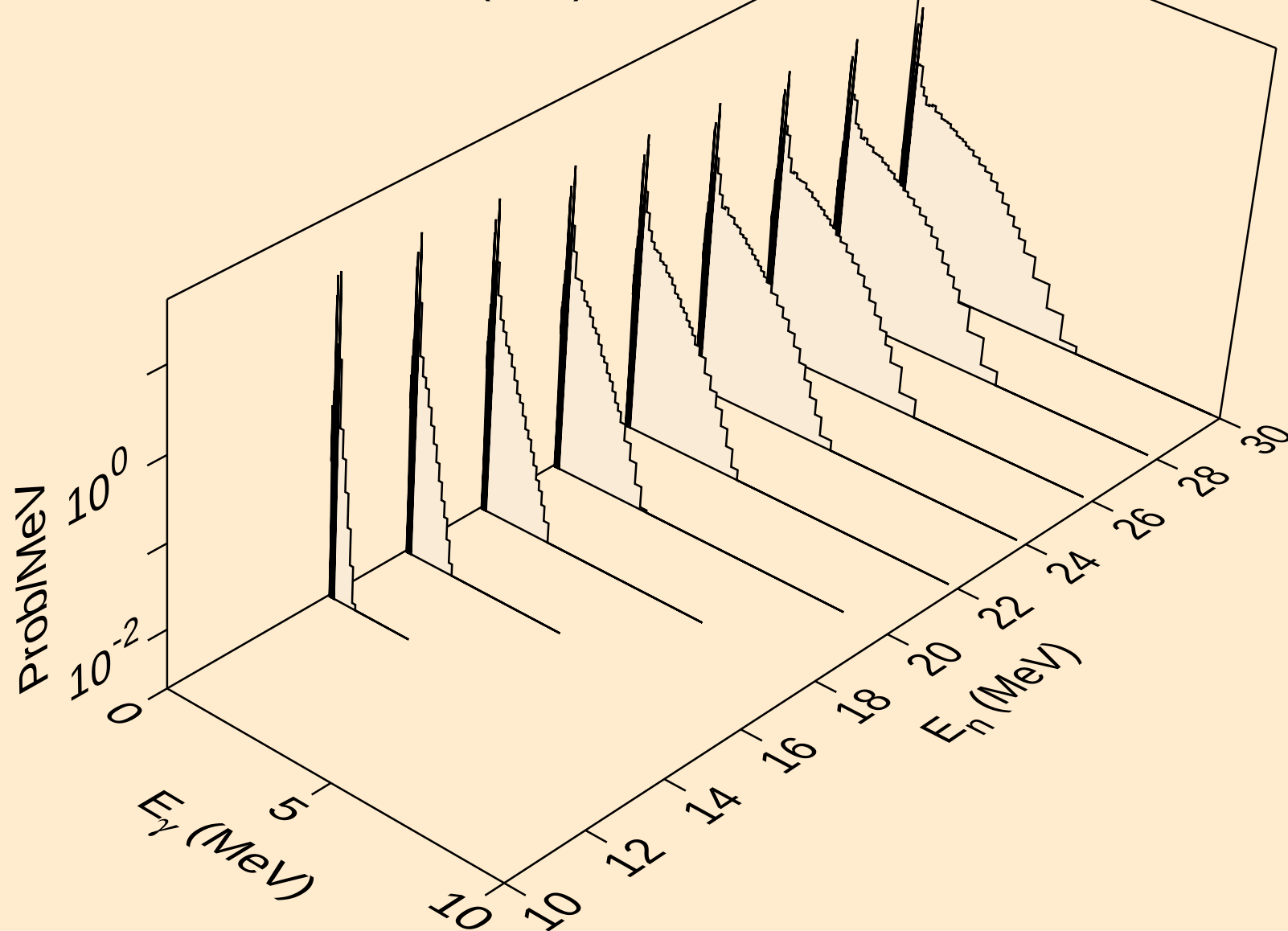


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



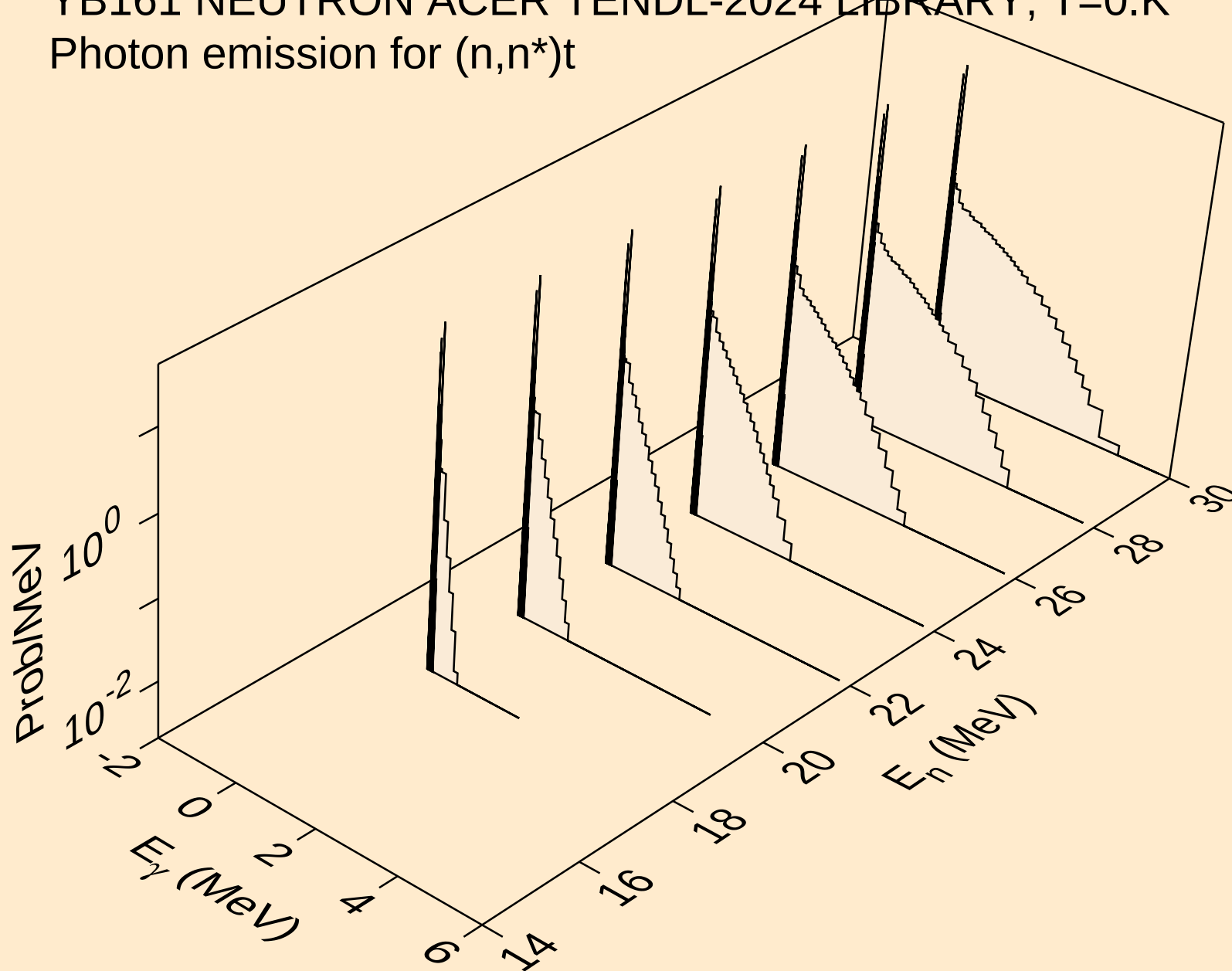
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



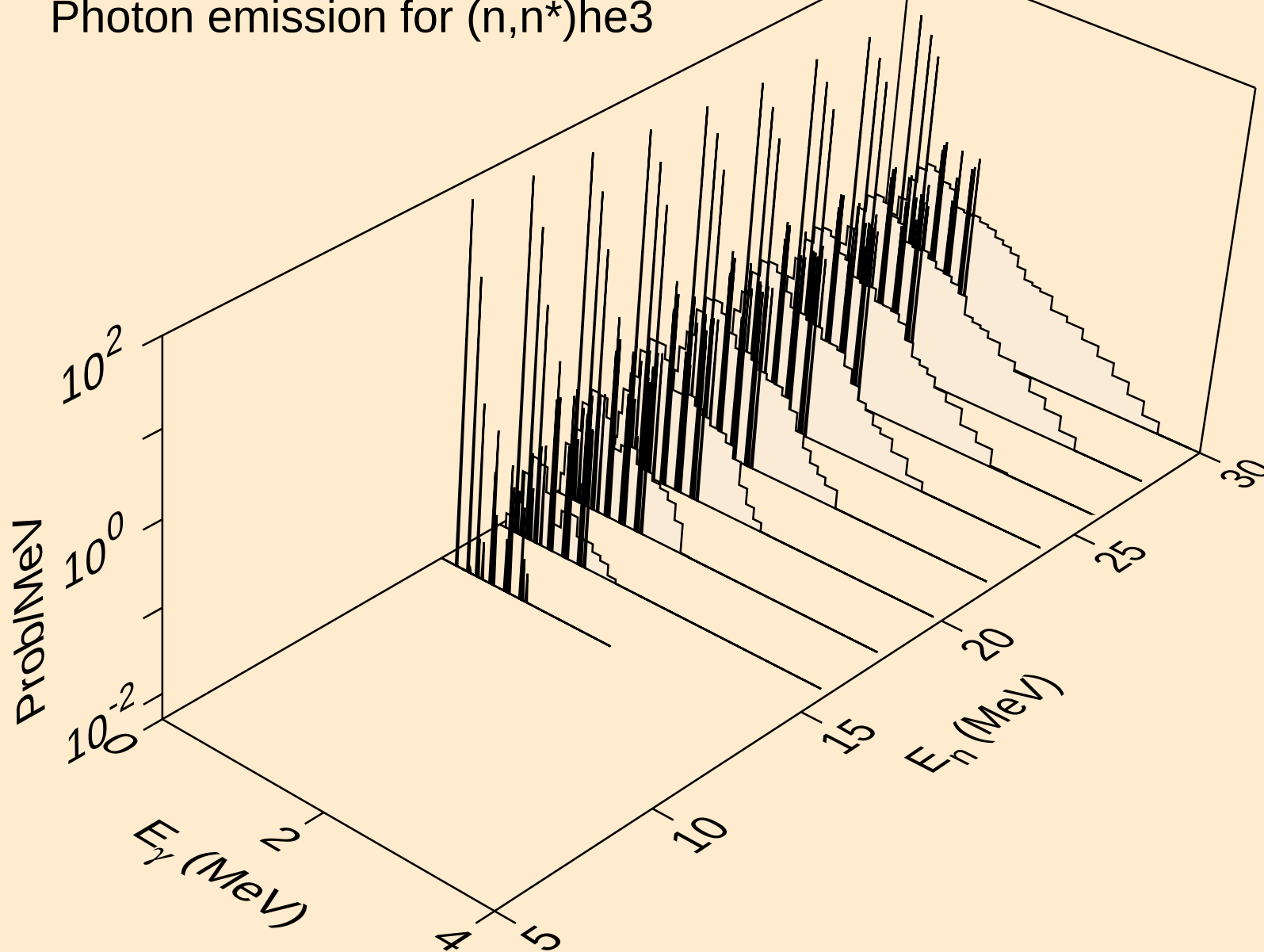
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

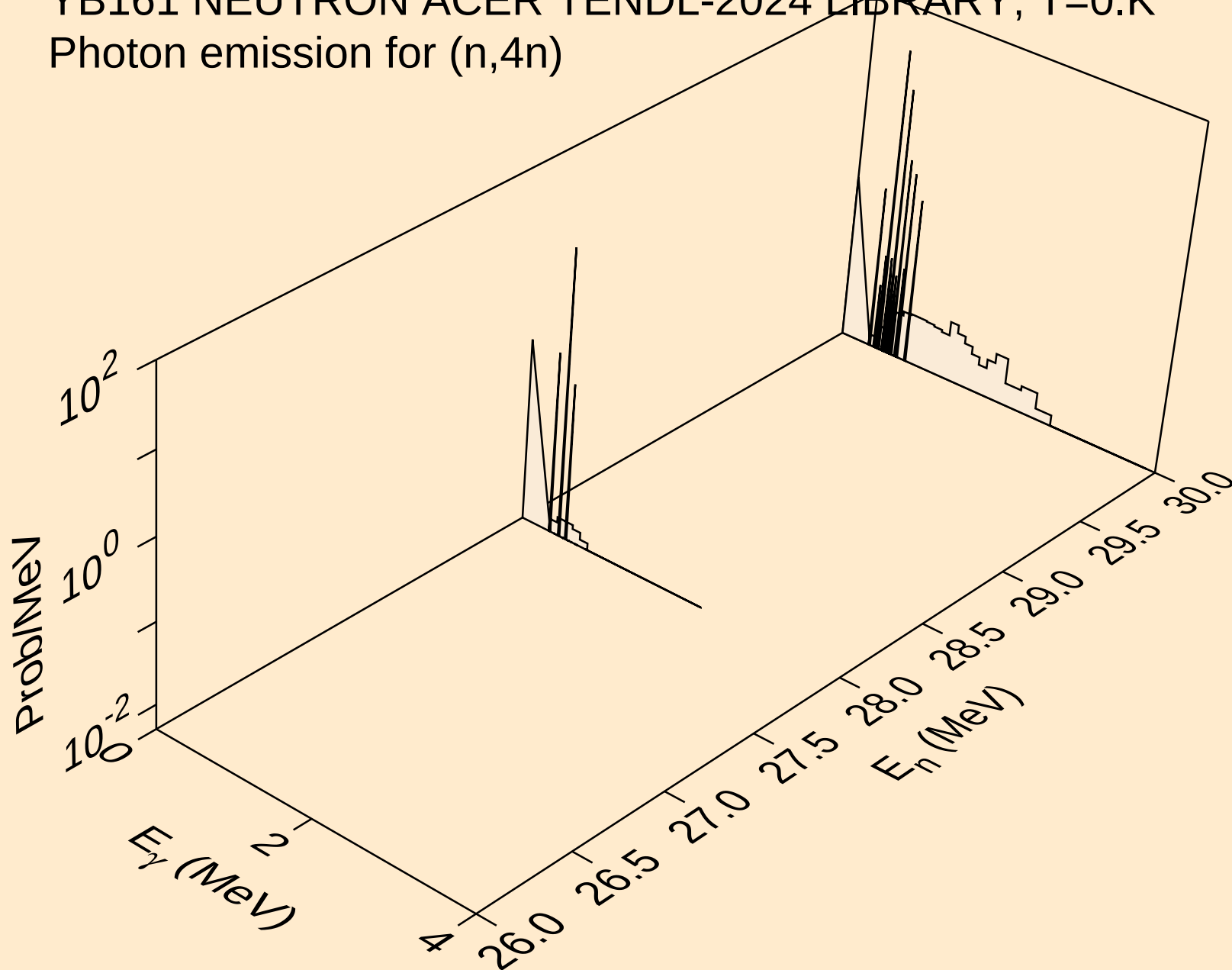


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

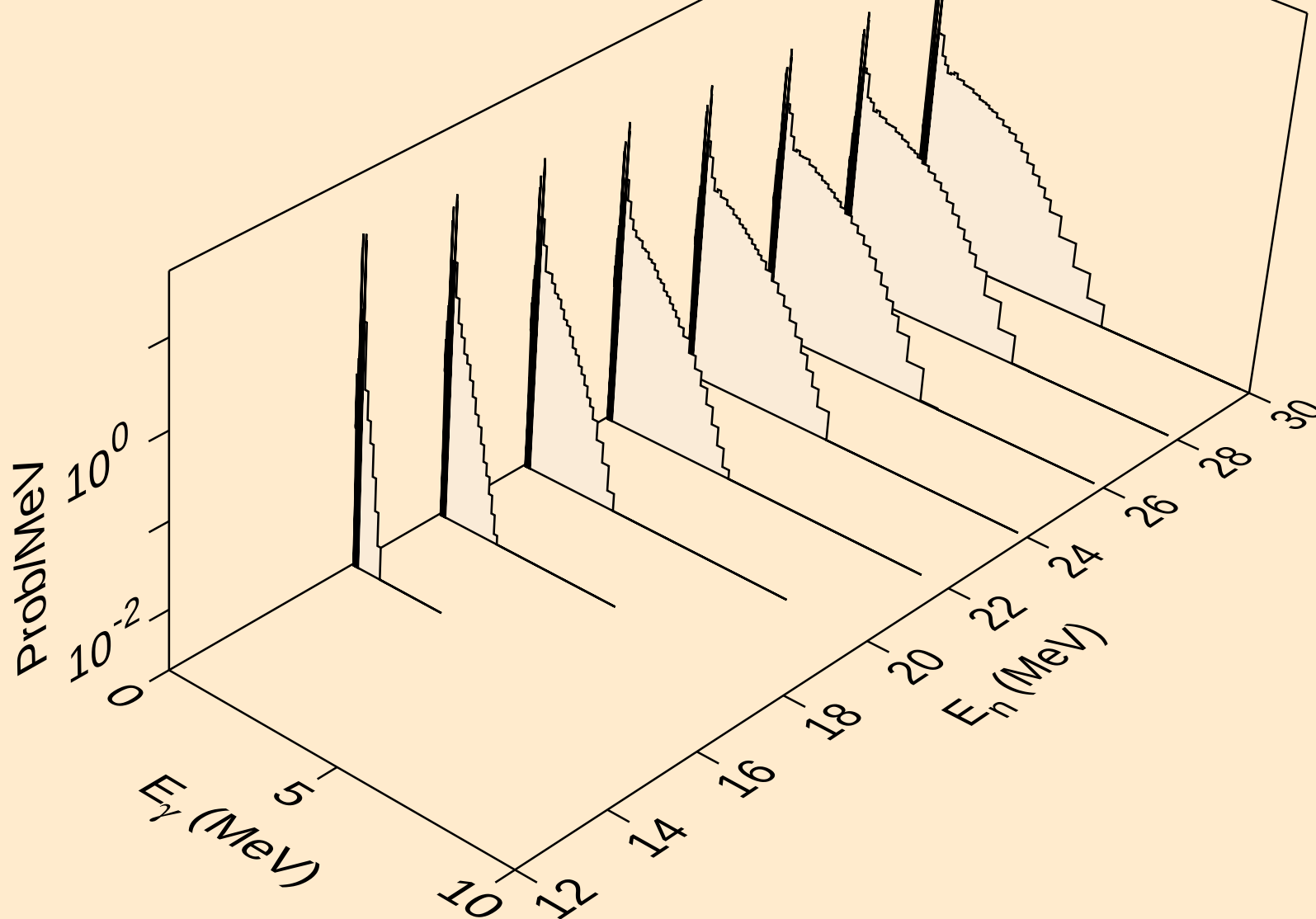
Photon emission for (n,n\*)he3



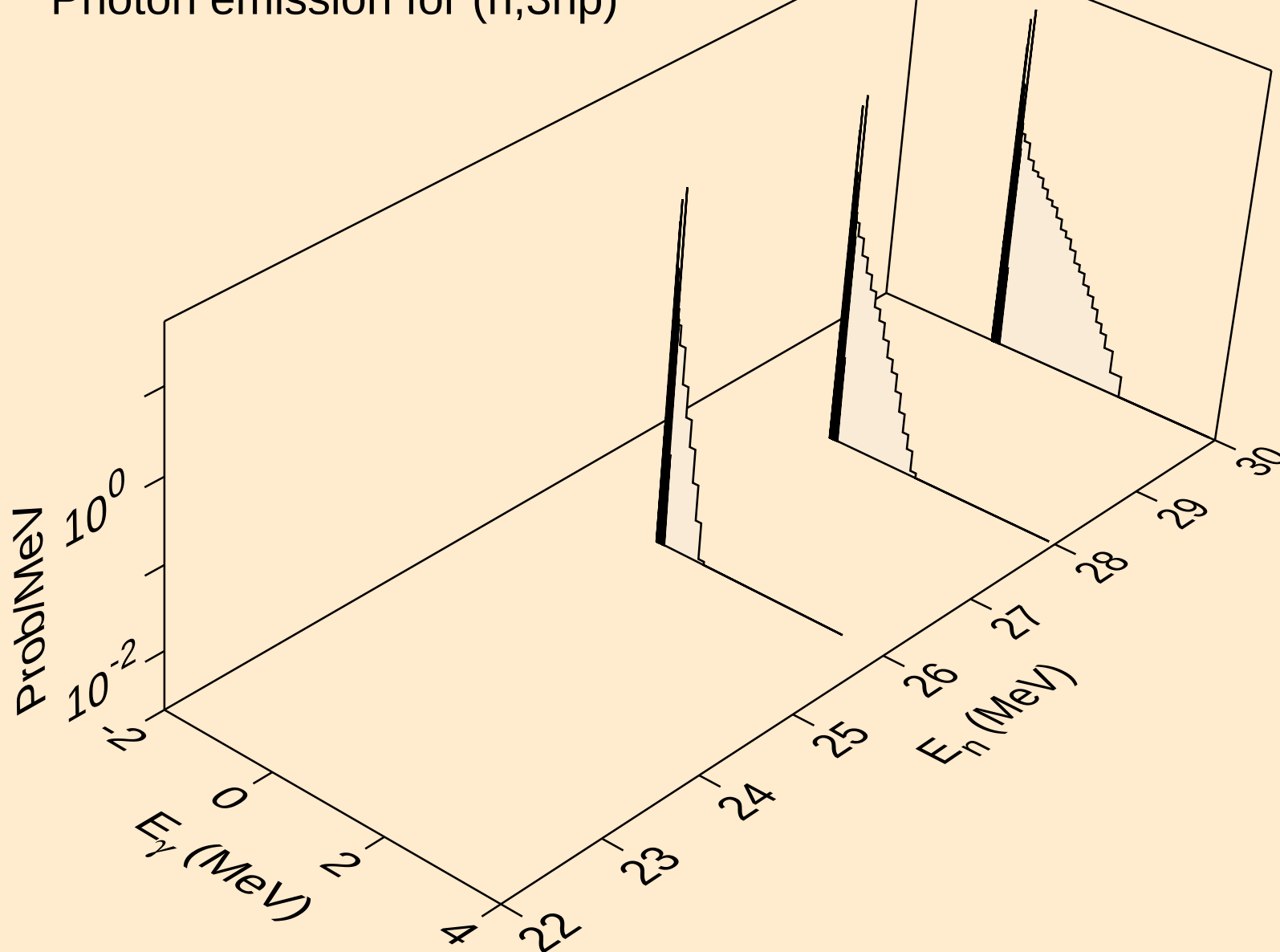
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



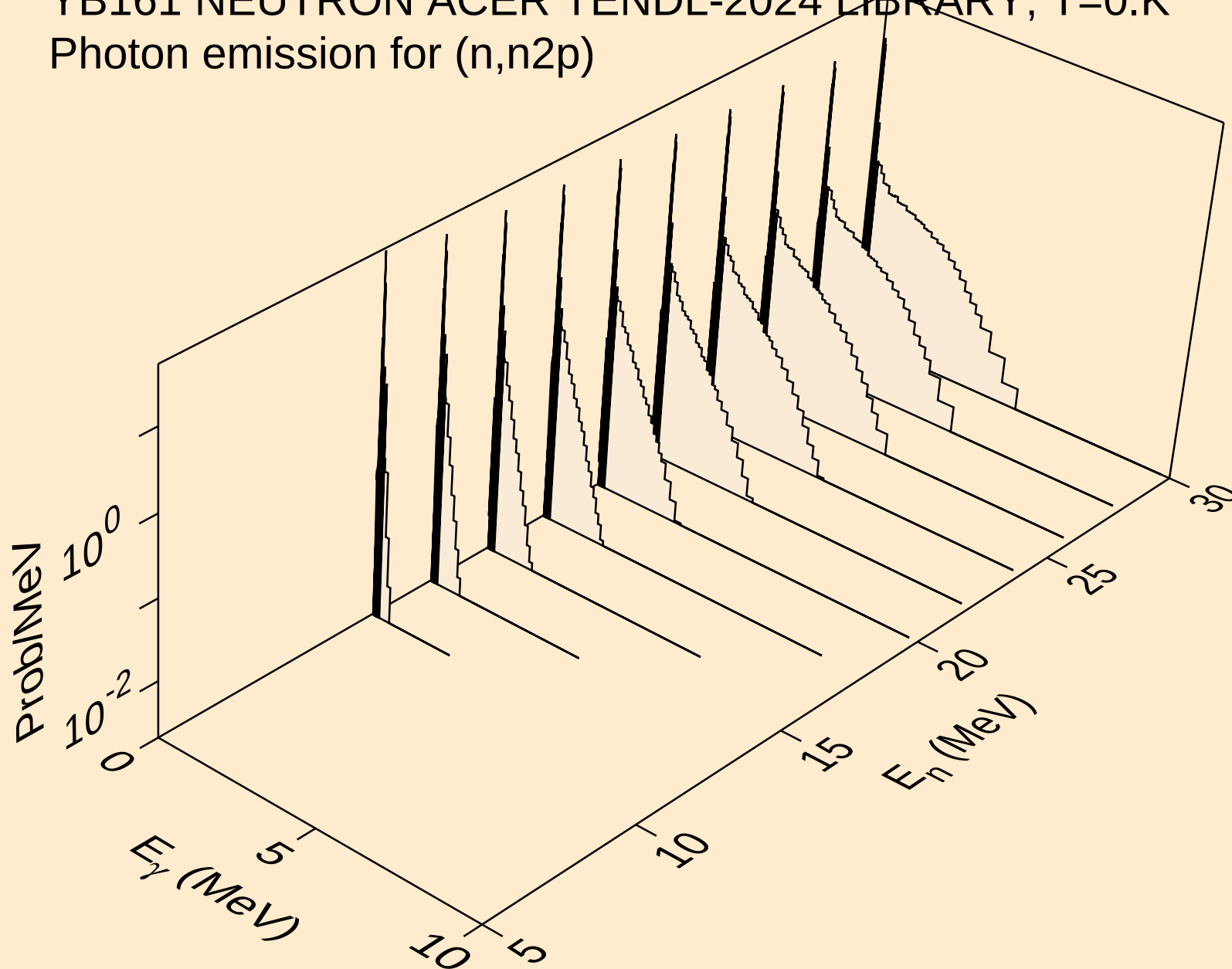
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



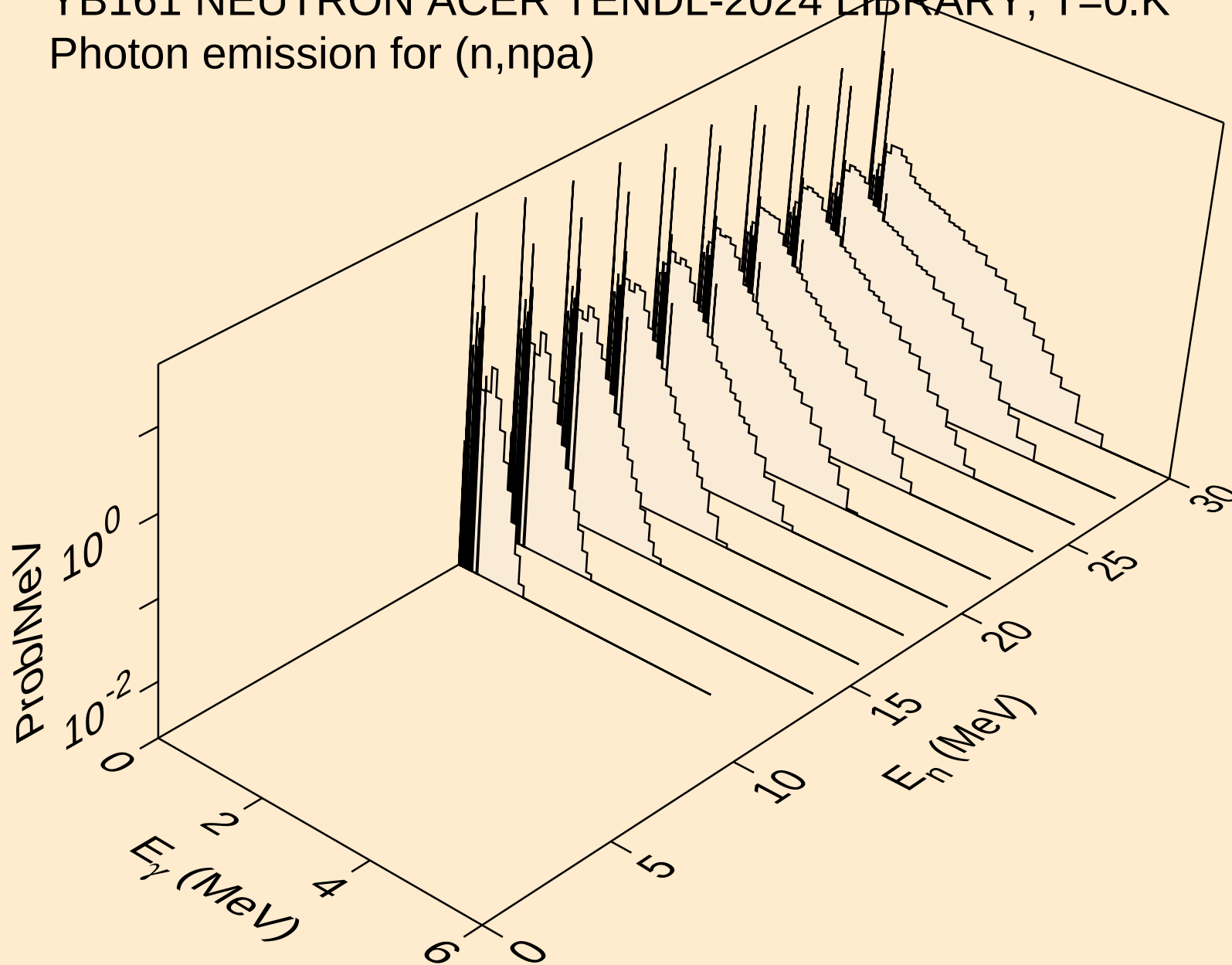
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



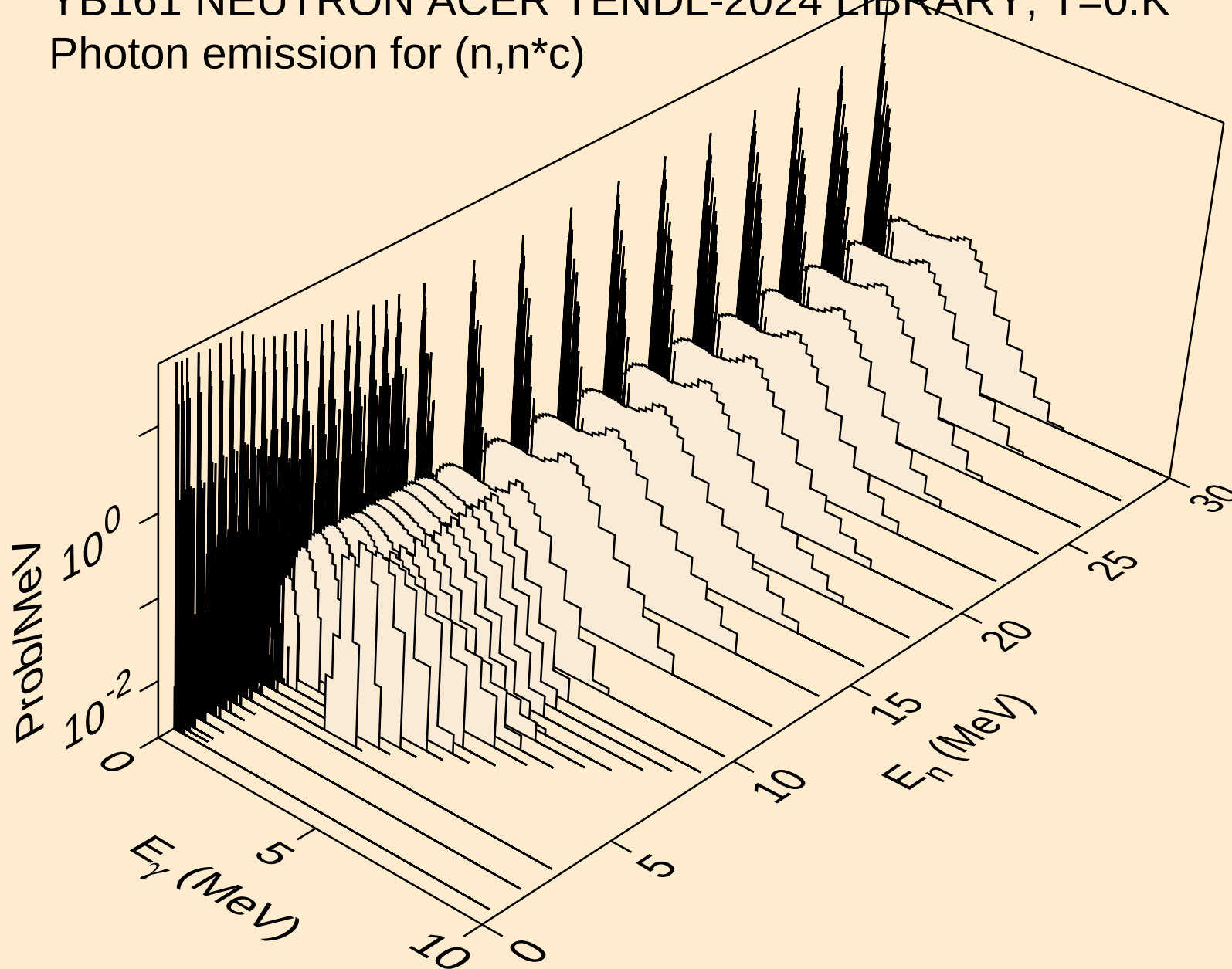
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



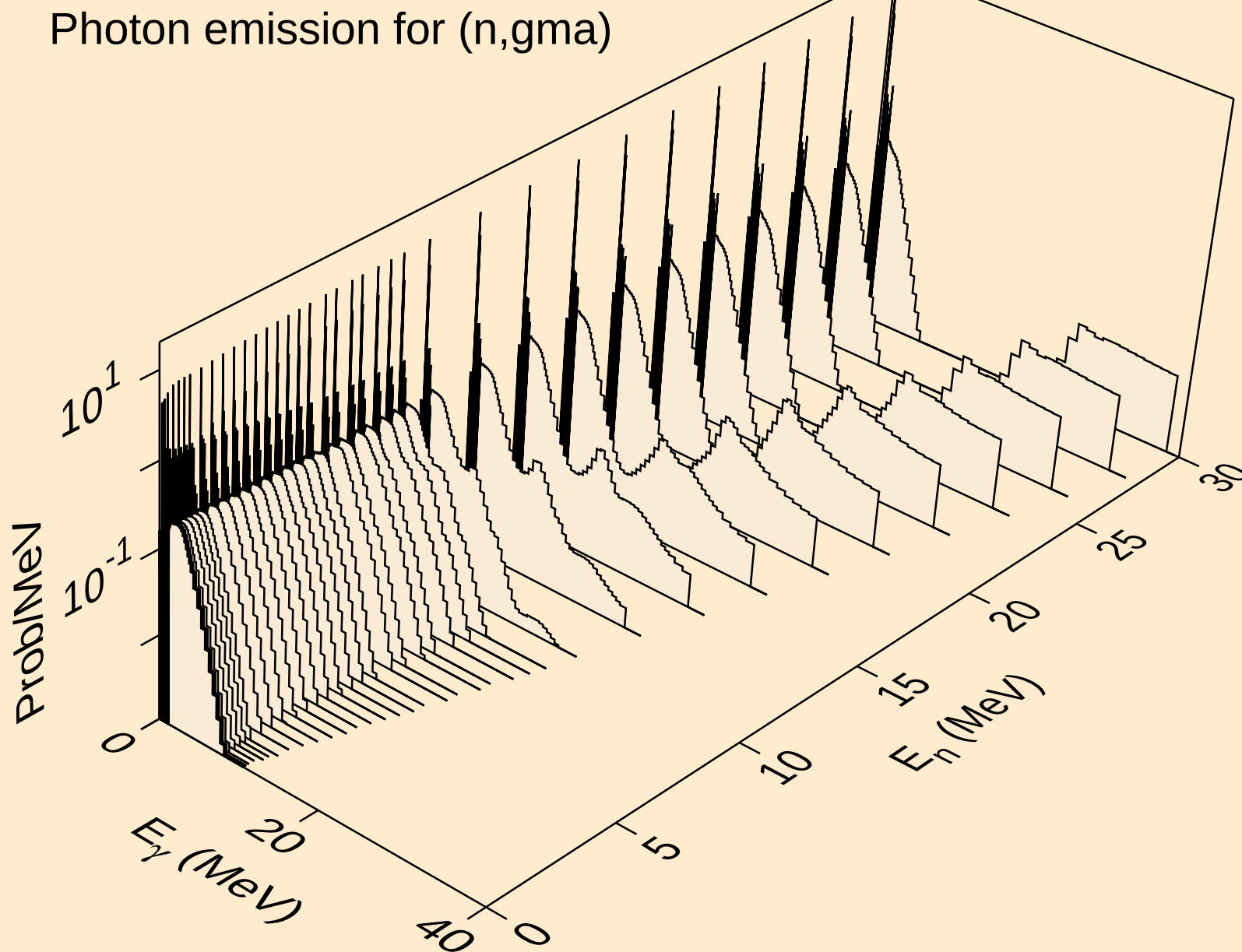
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



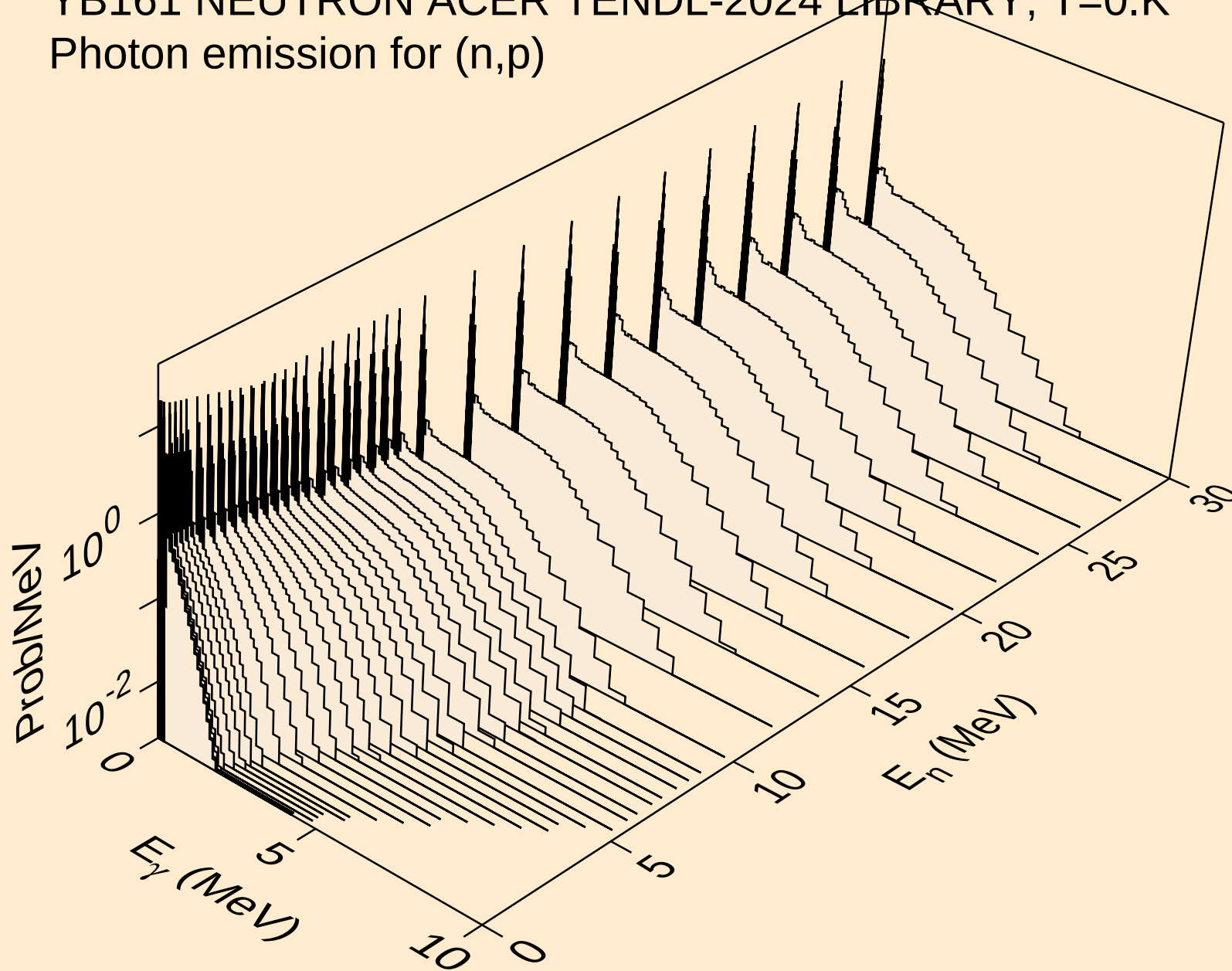
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



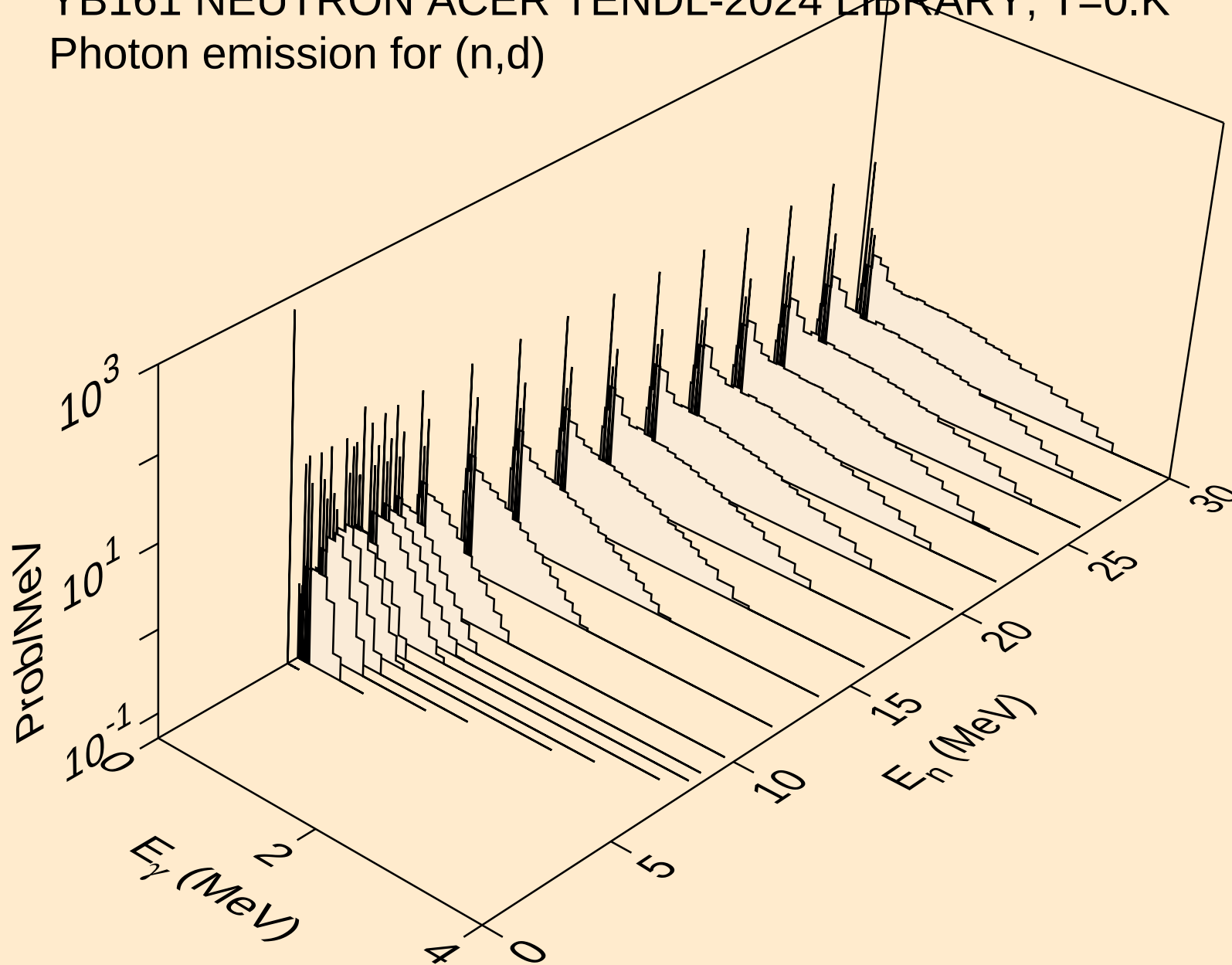
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



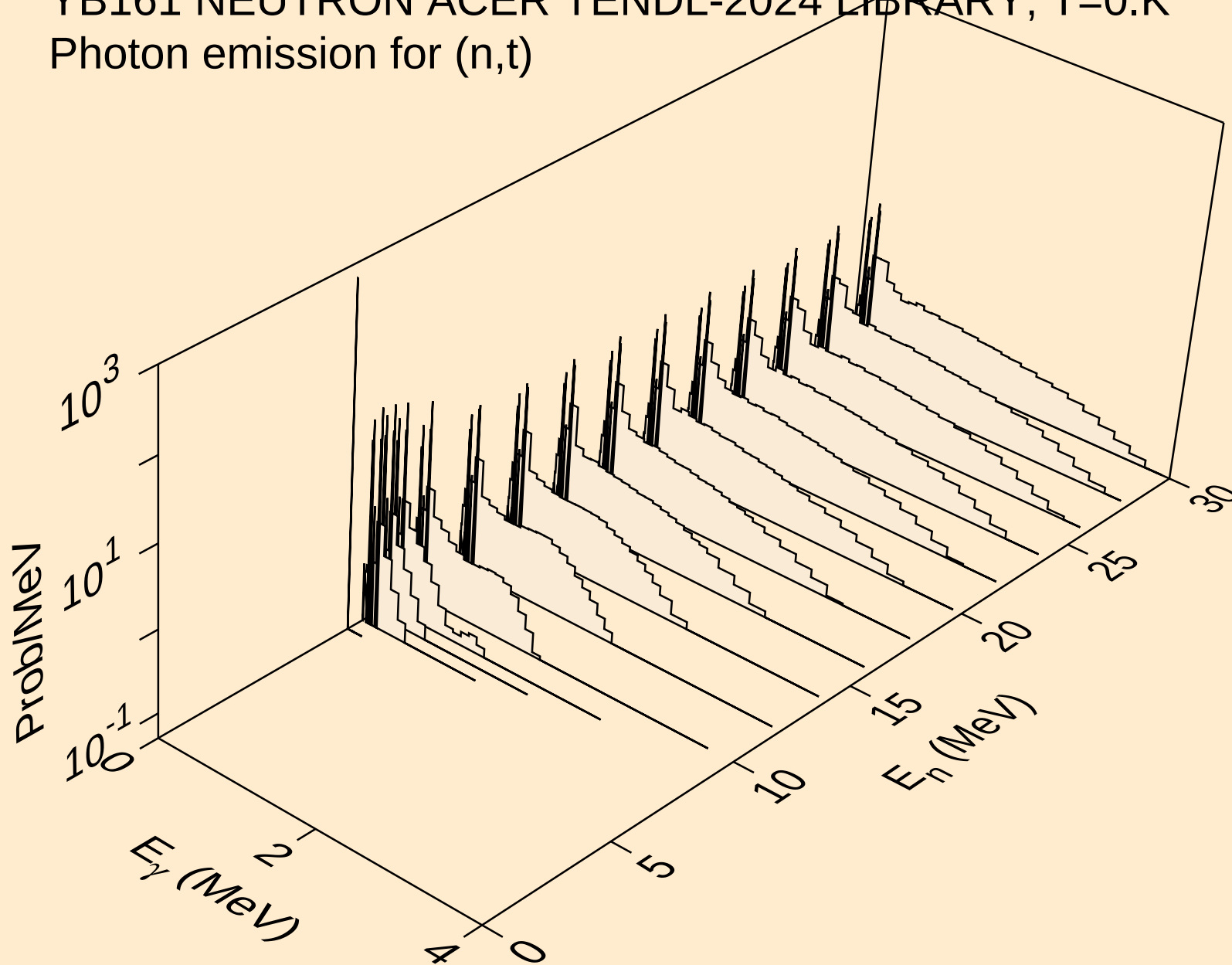
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



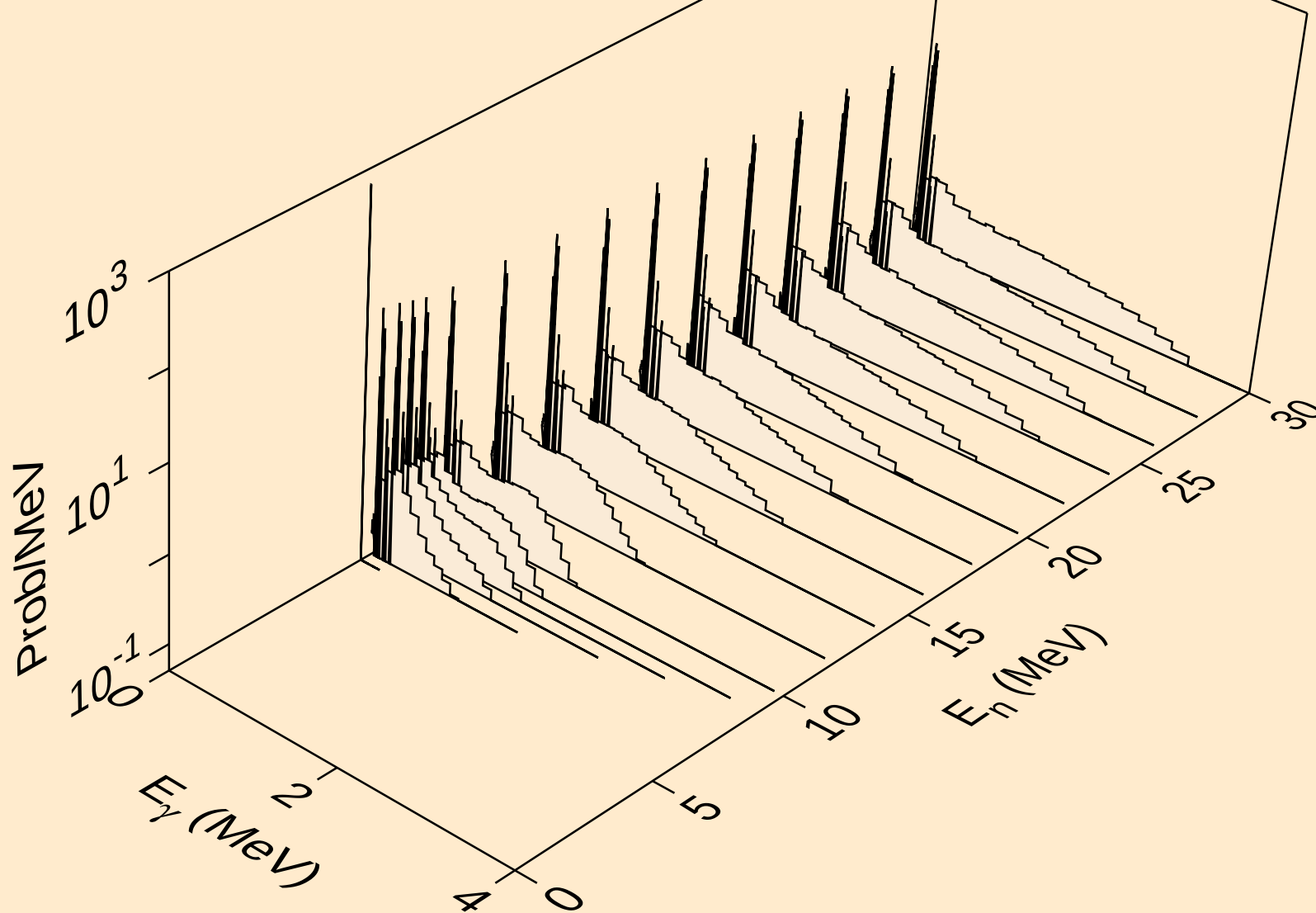
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



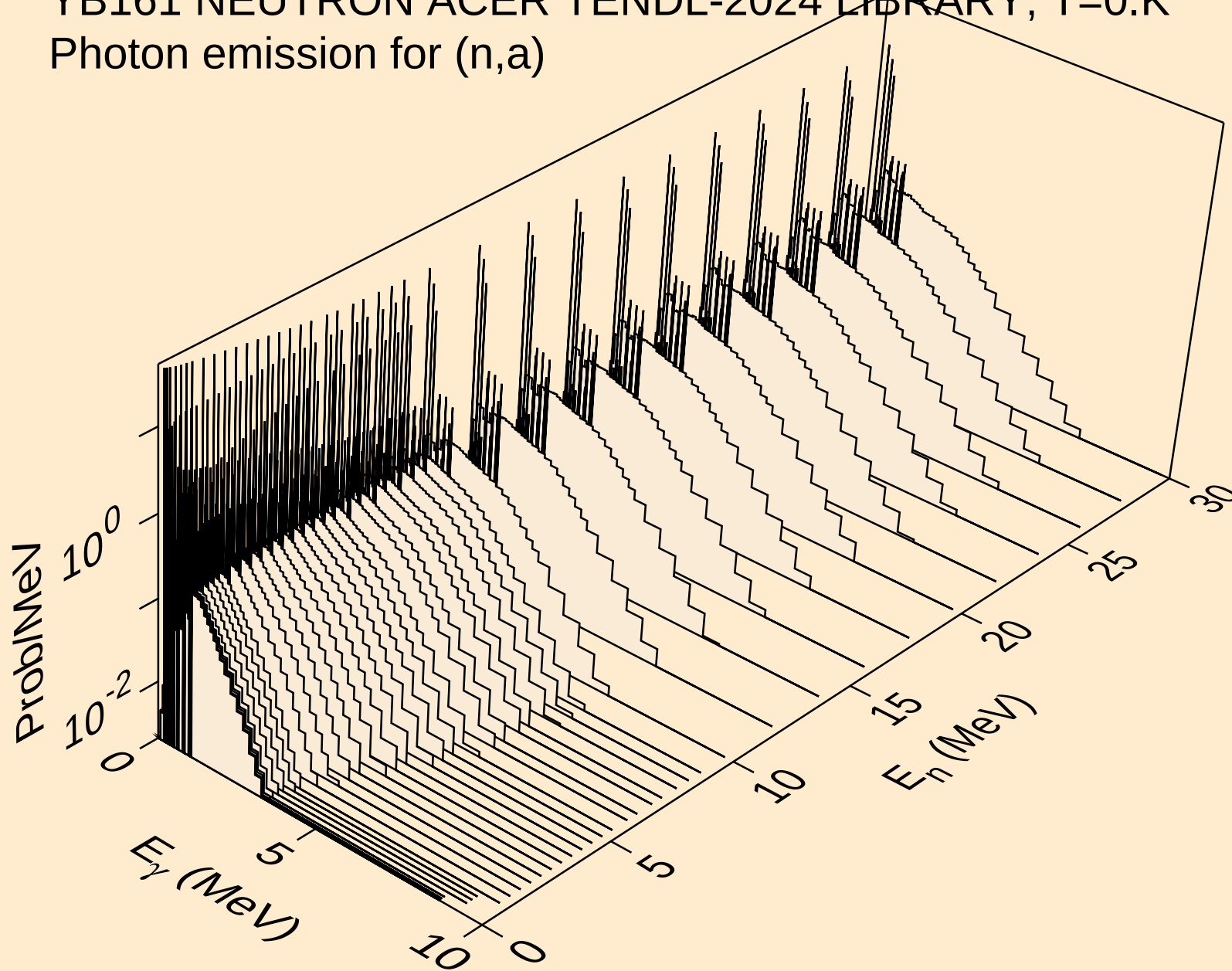
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



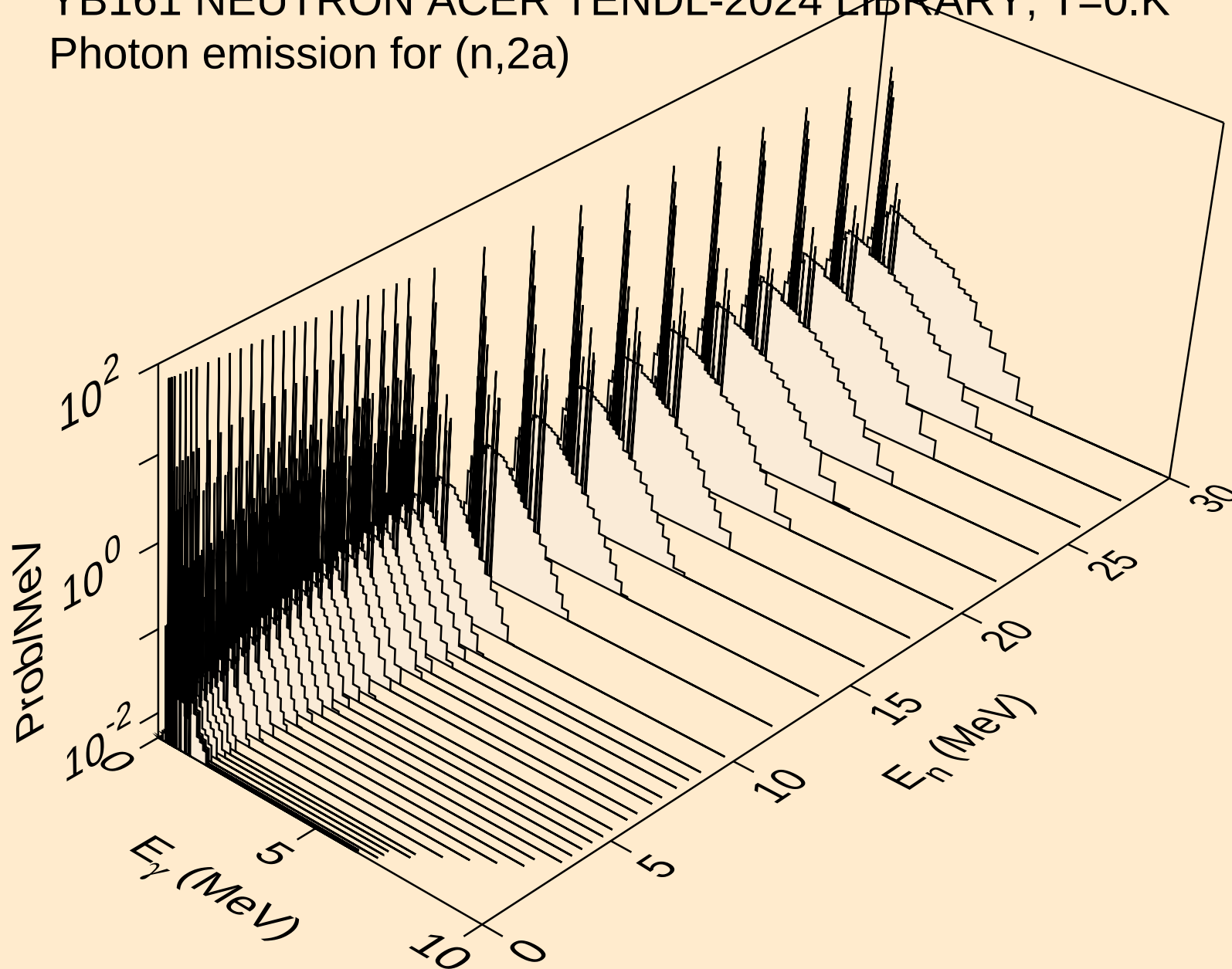
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



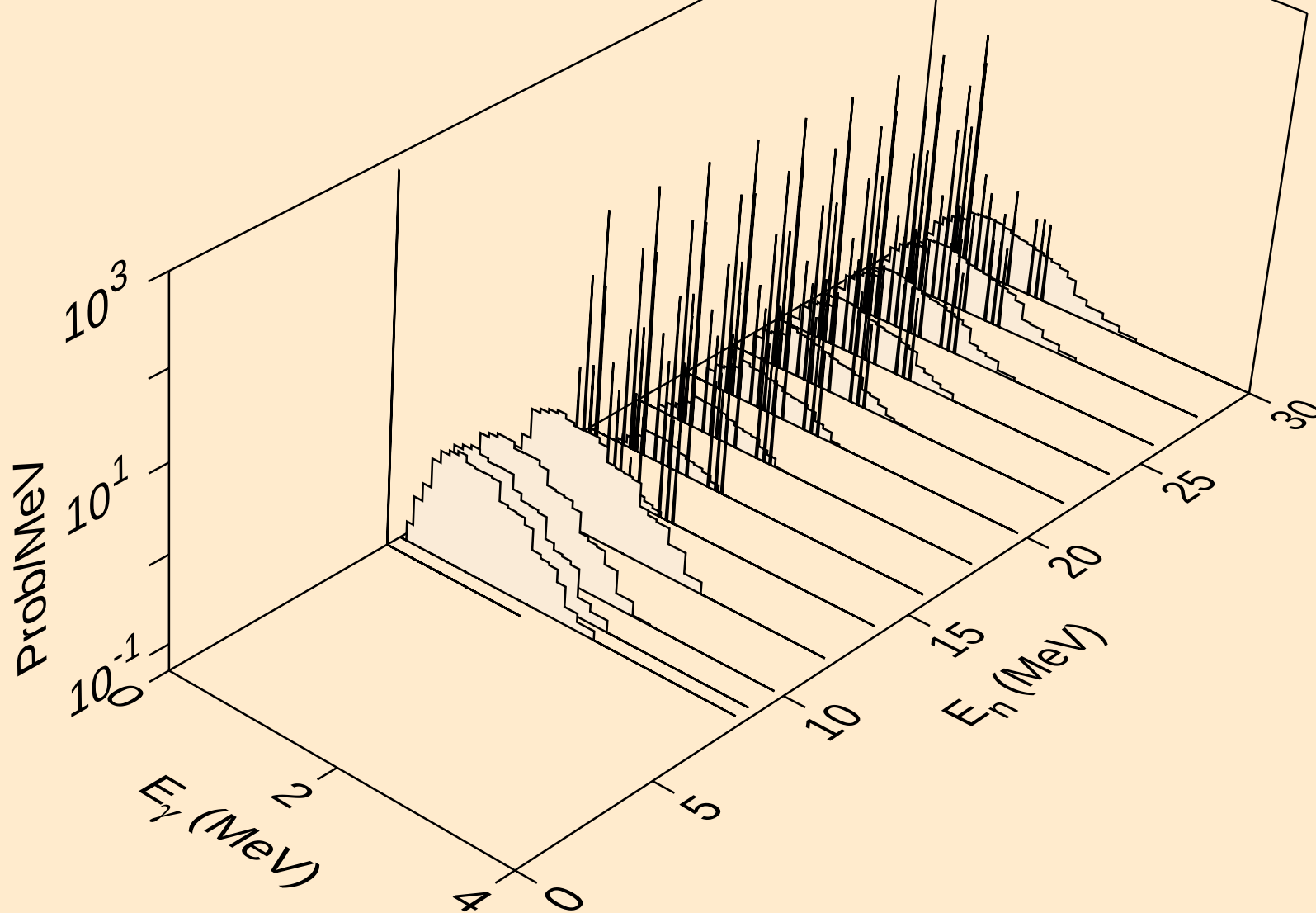
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



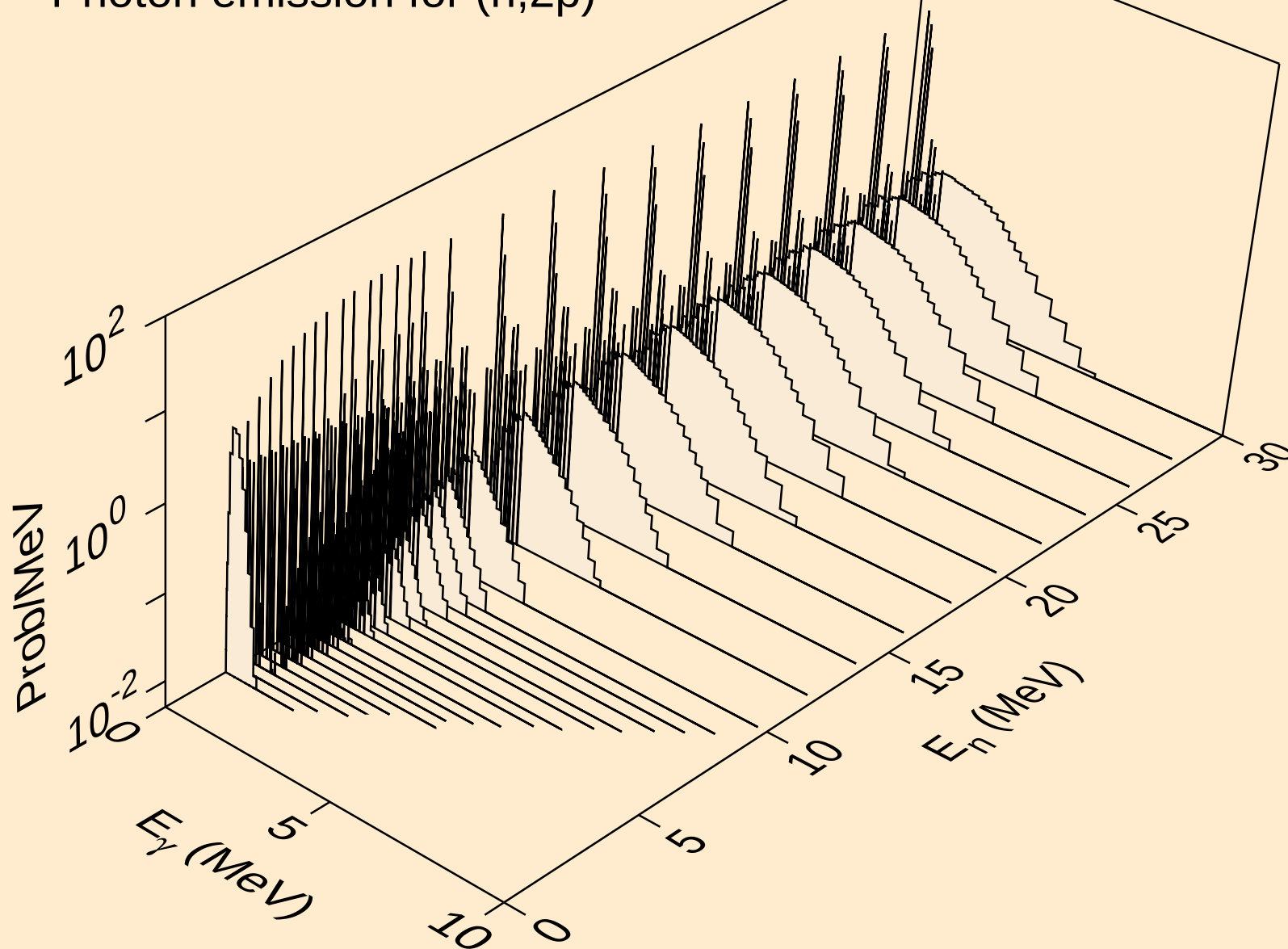
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



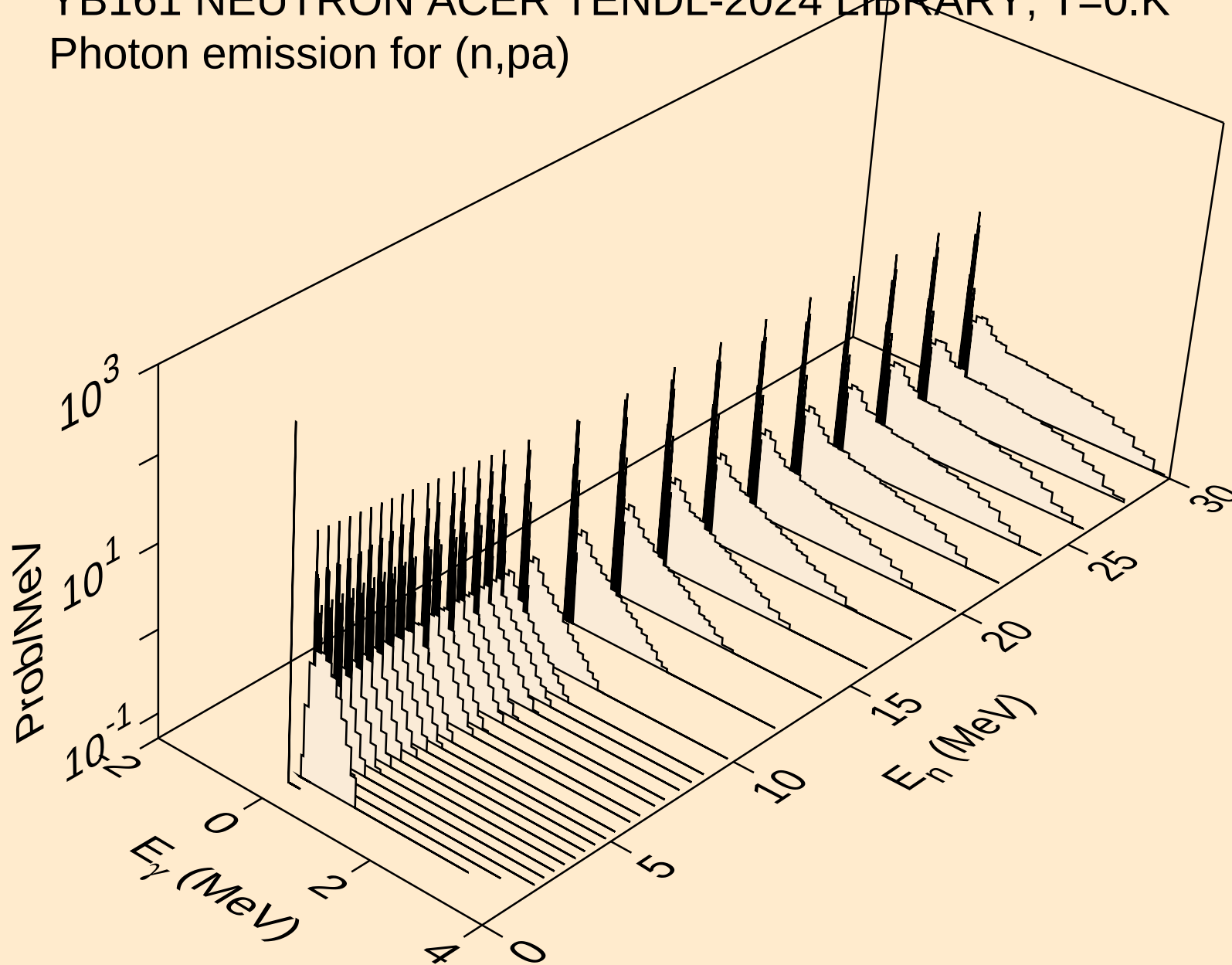
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



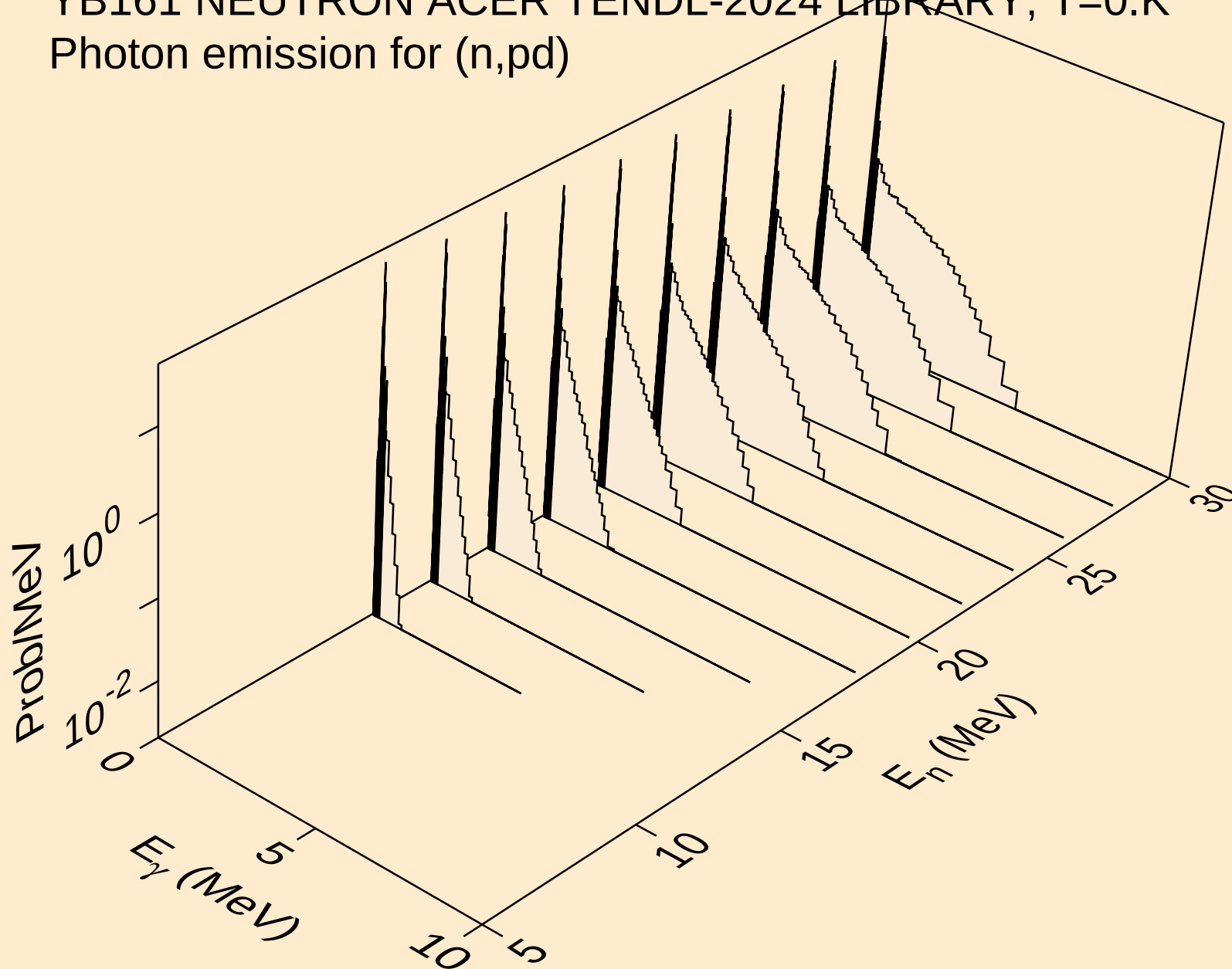
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

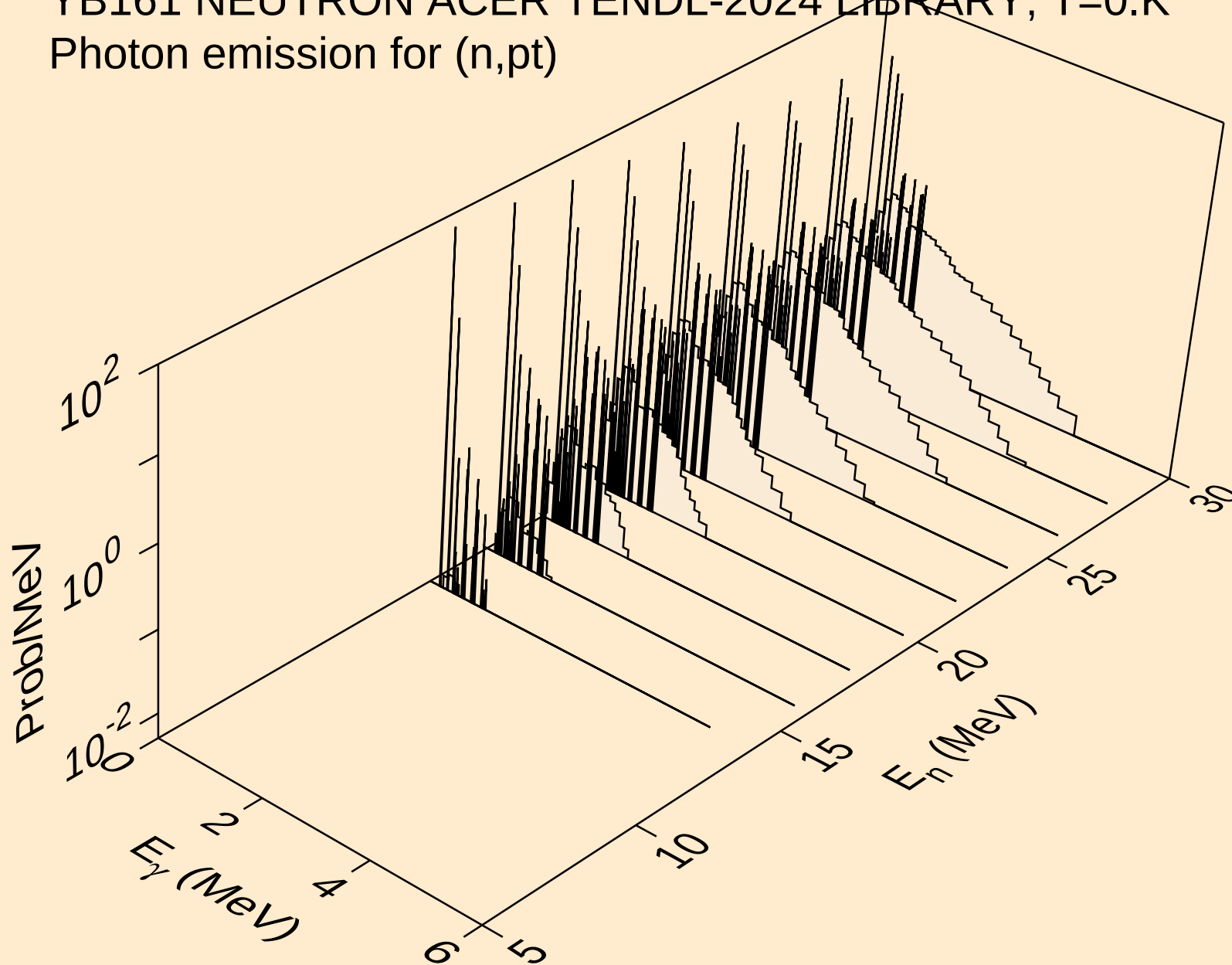


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

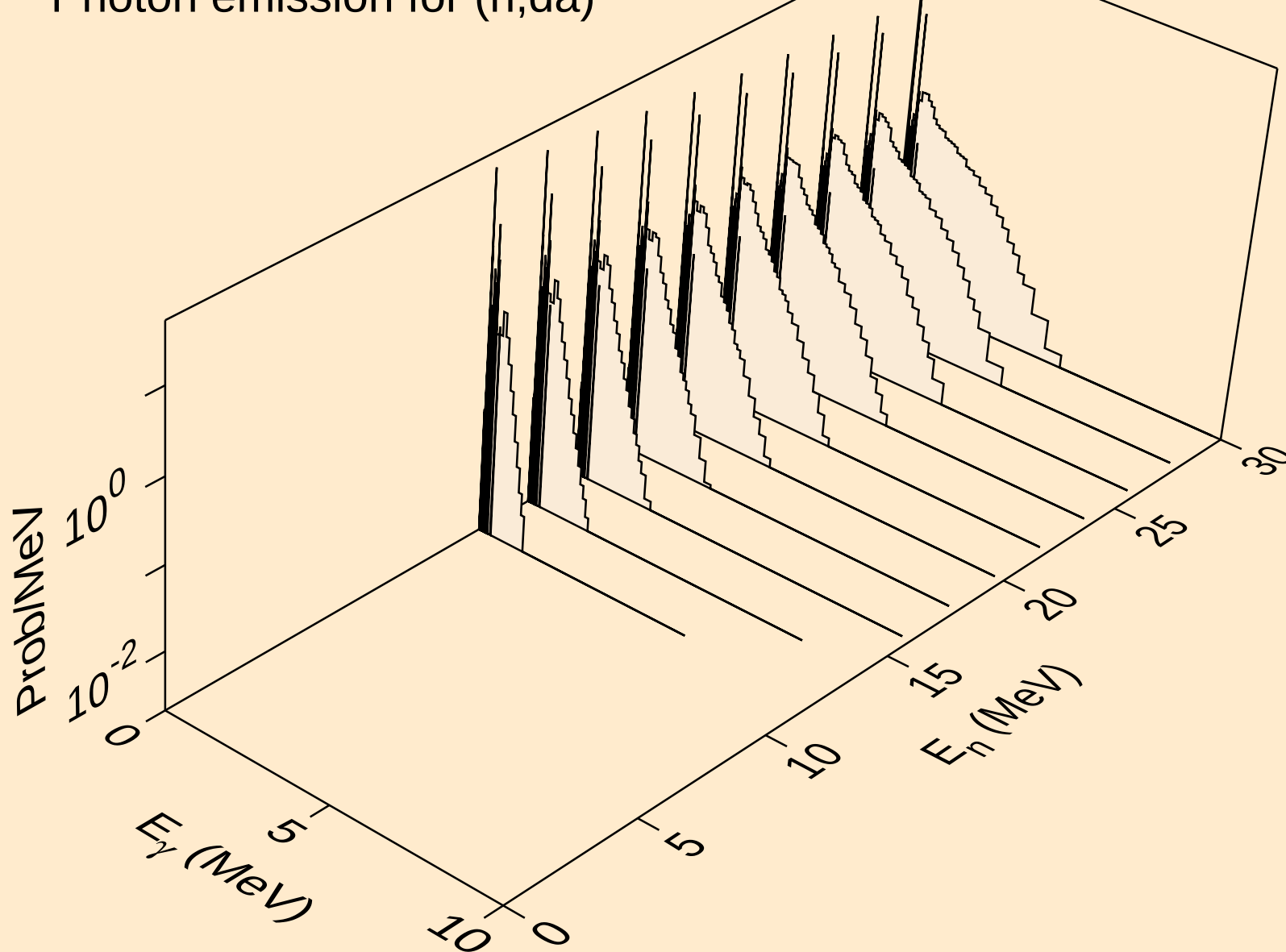


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

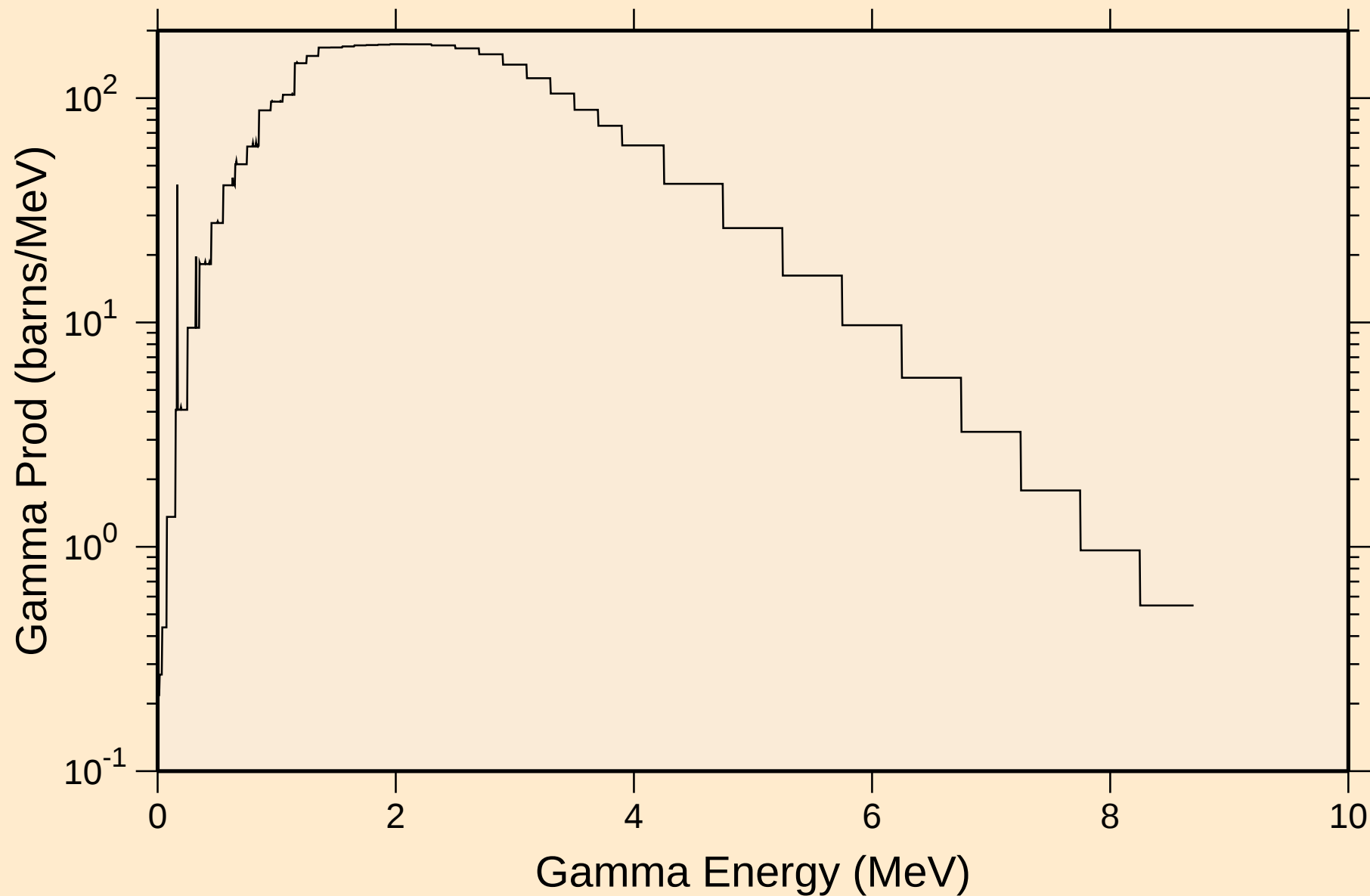
Photon emission for (n,pt)



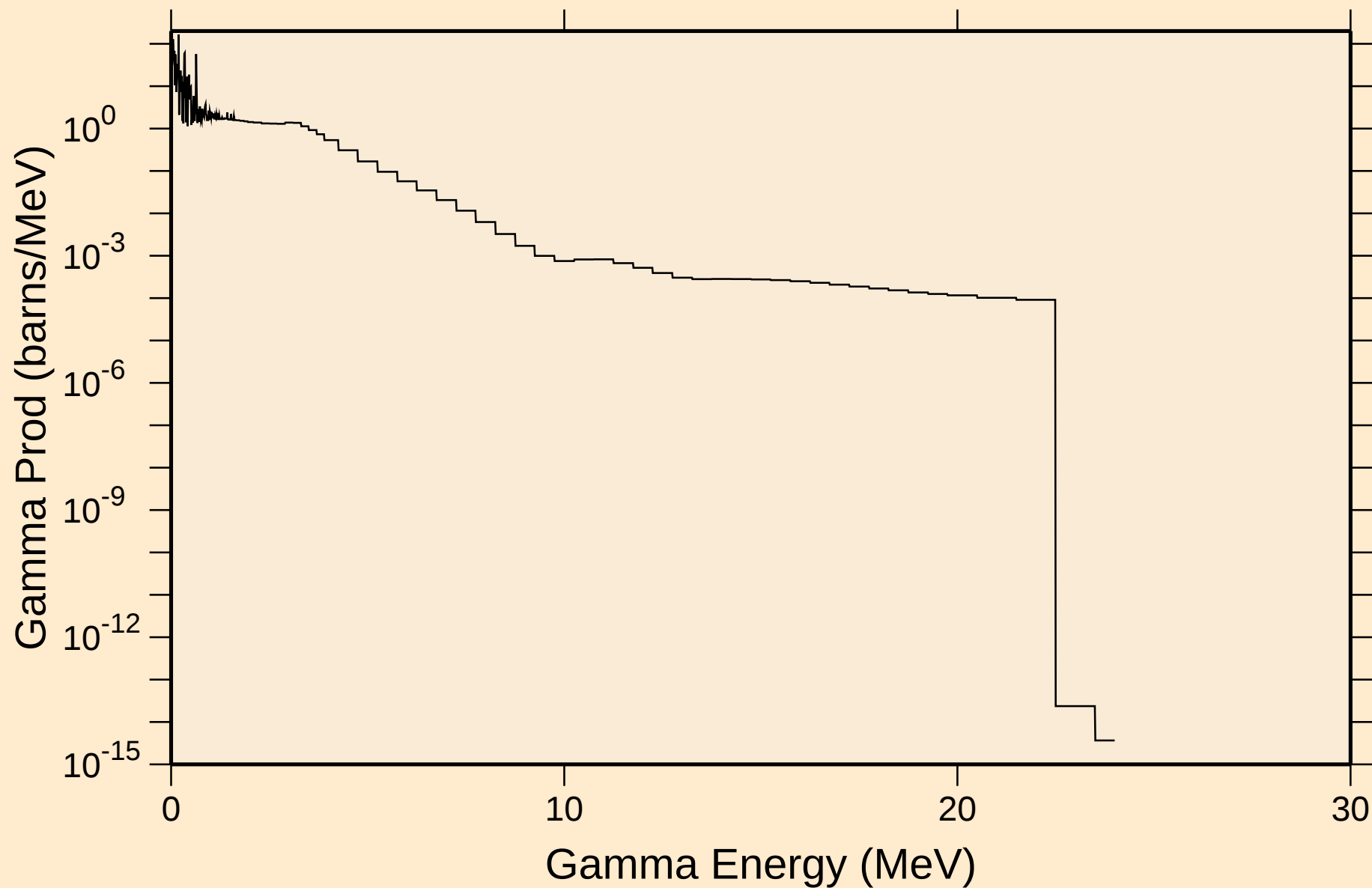
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

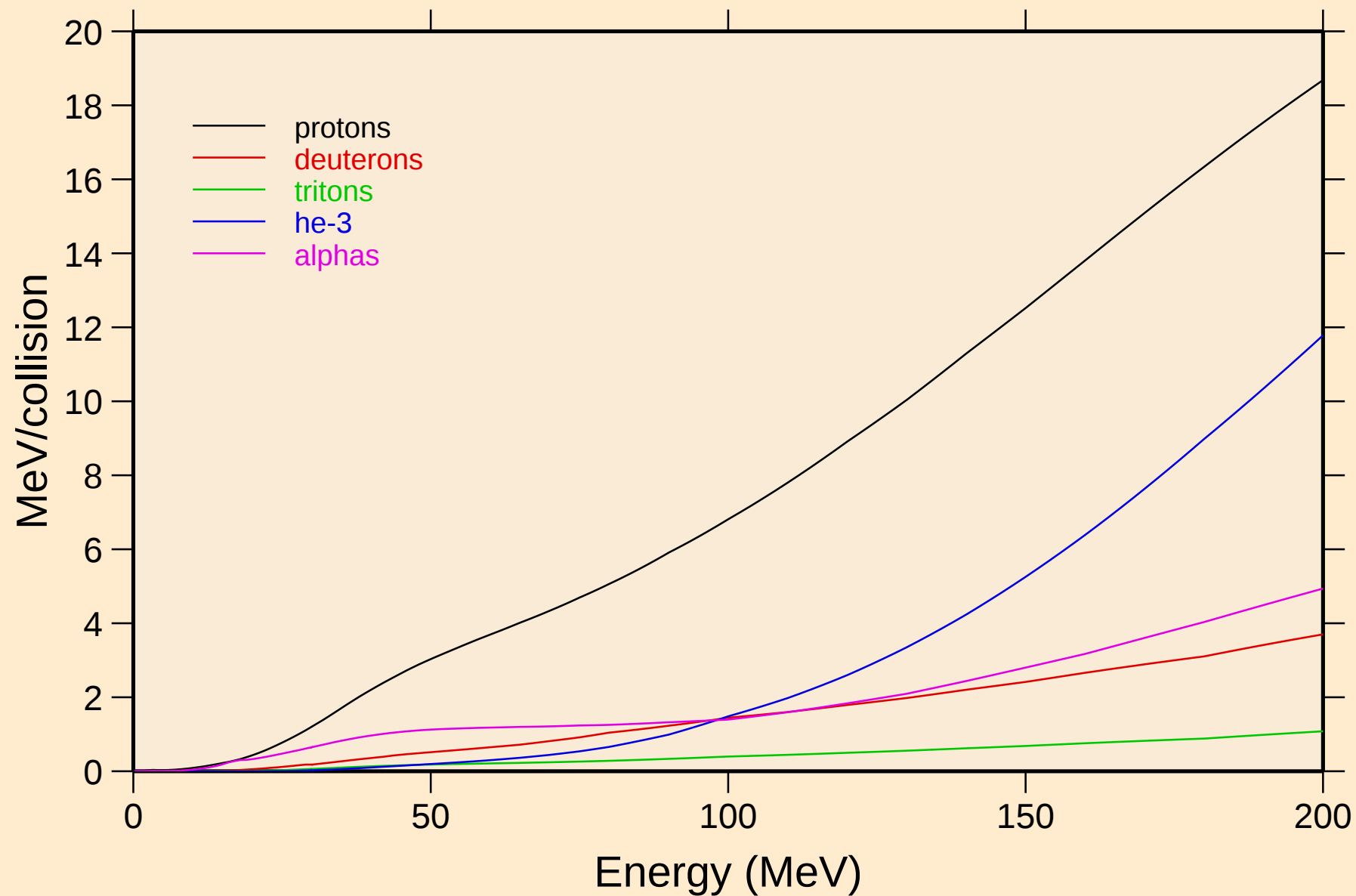


YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



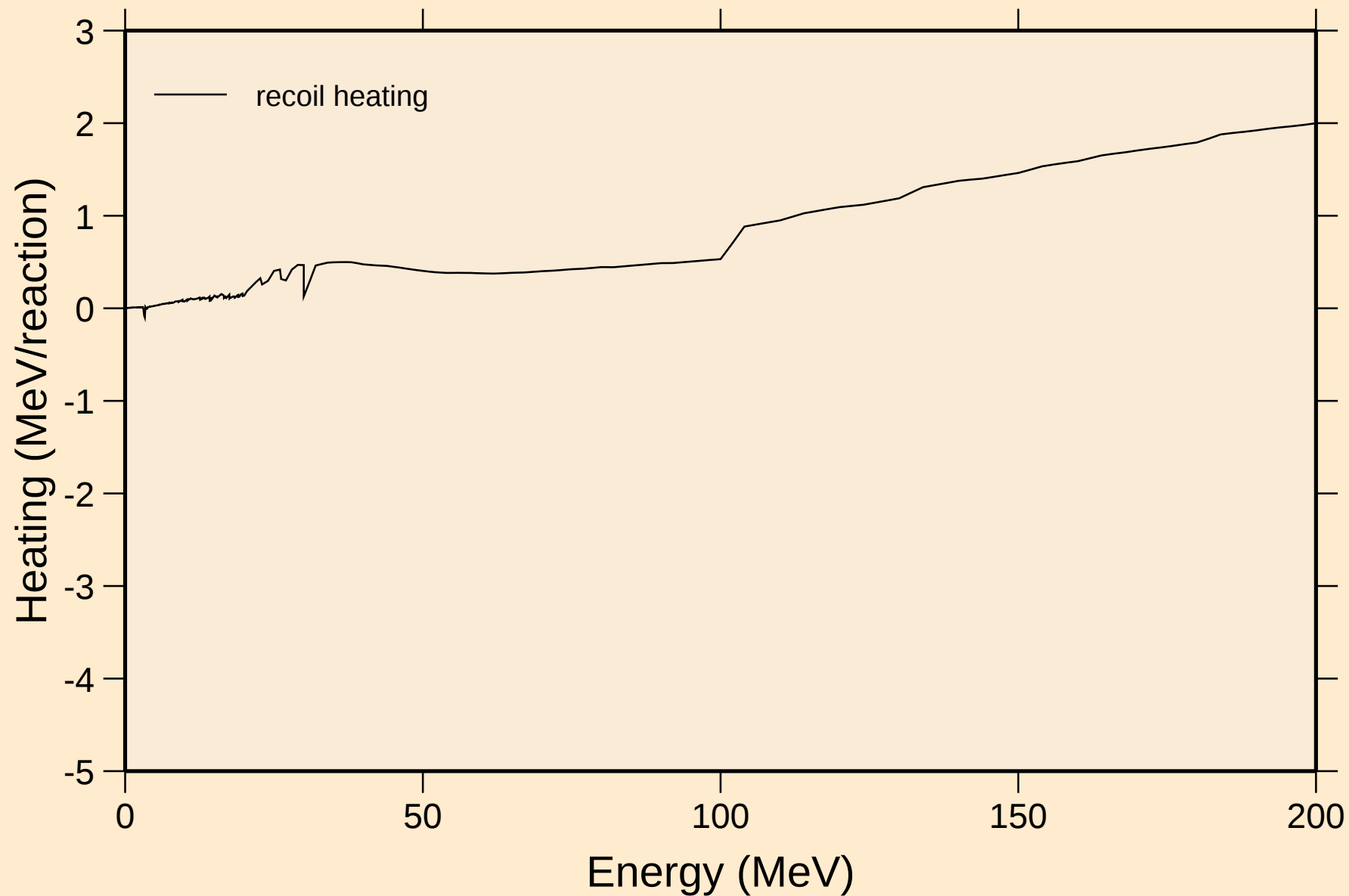
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



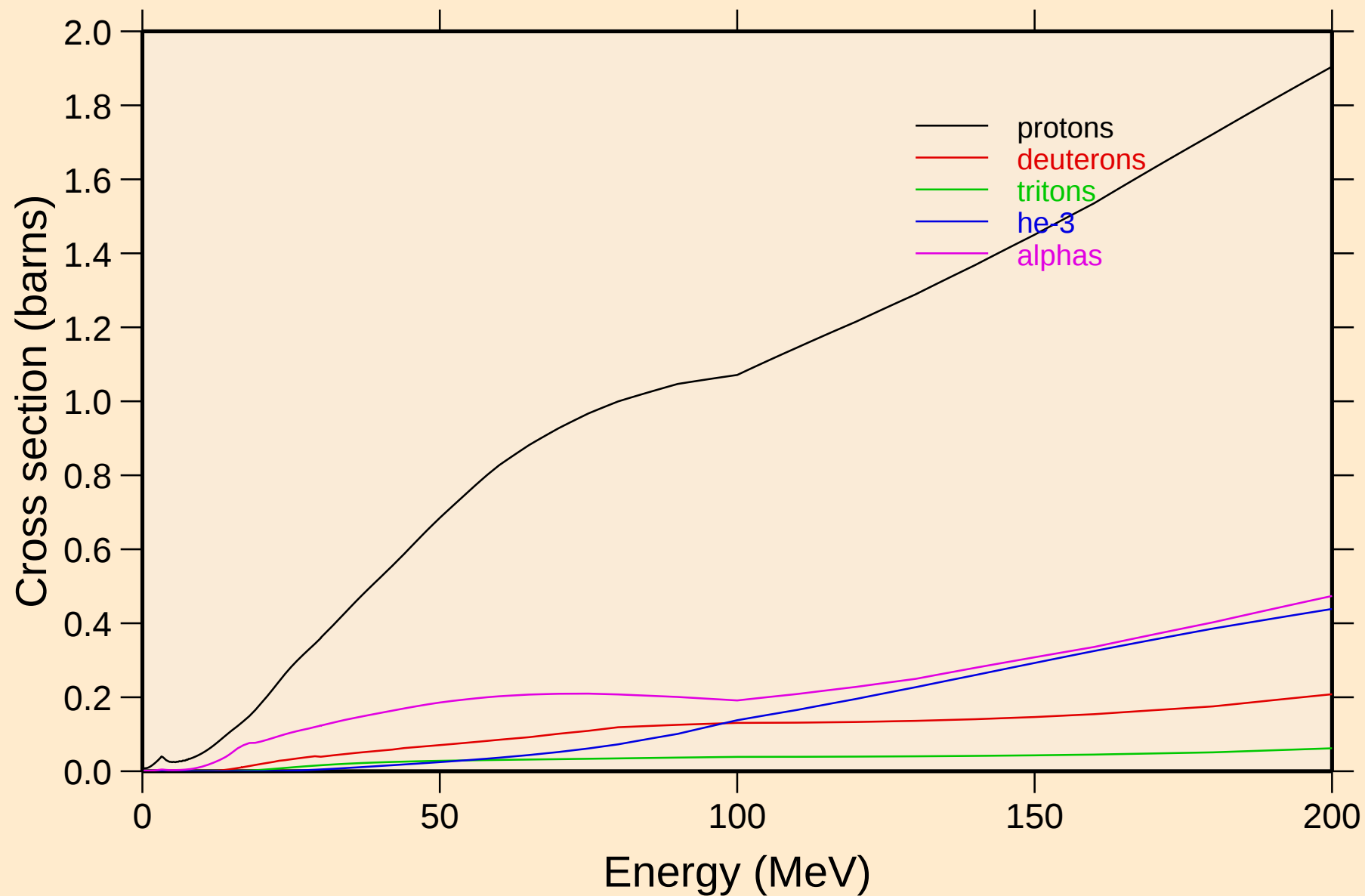
# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

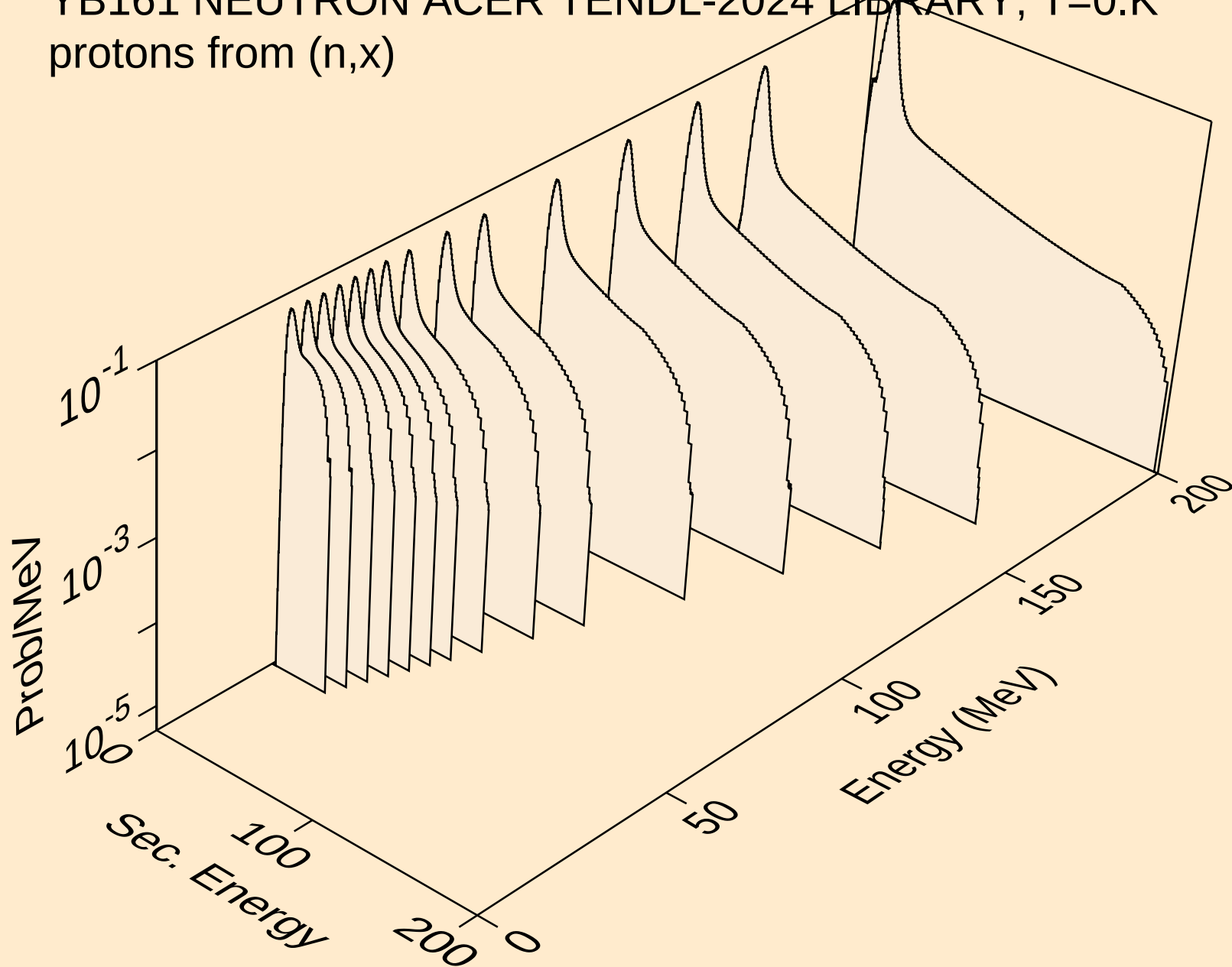


# YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

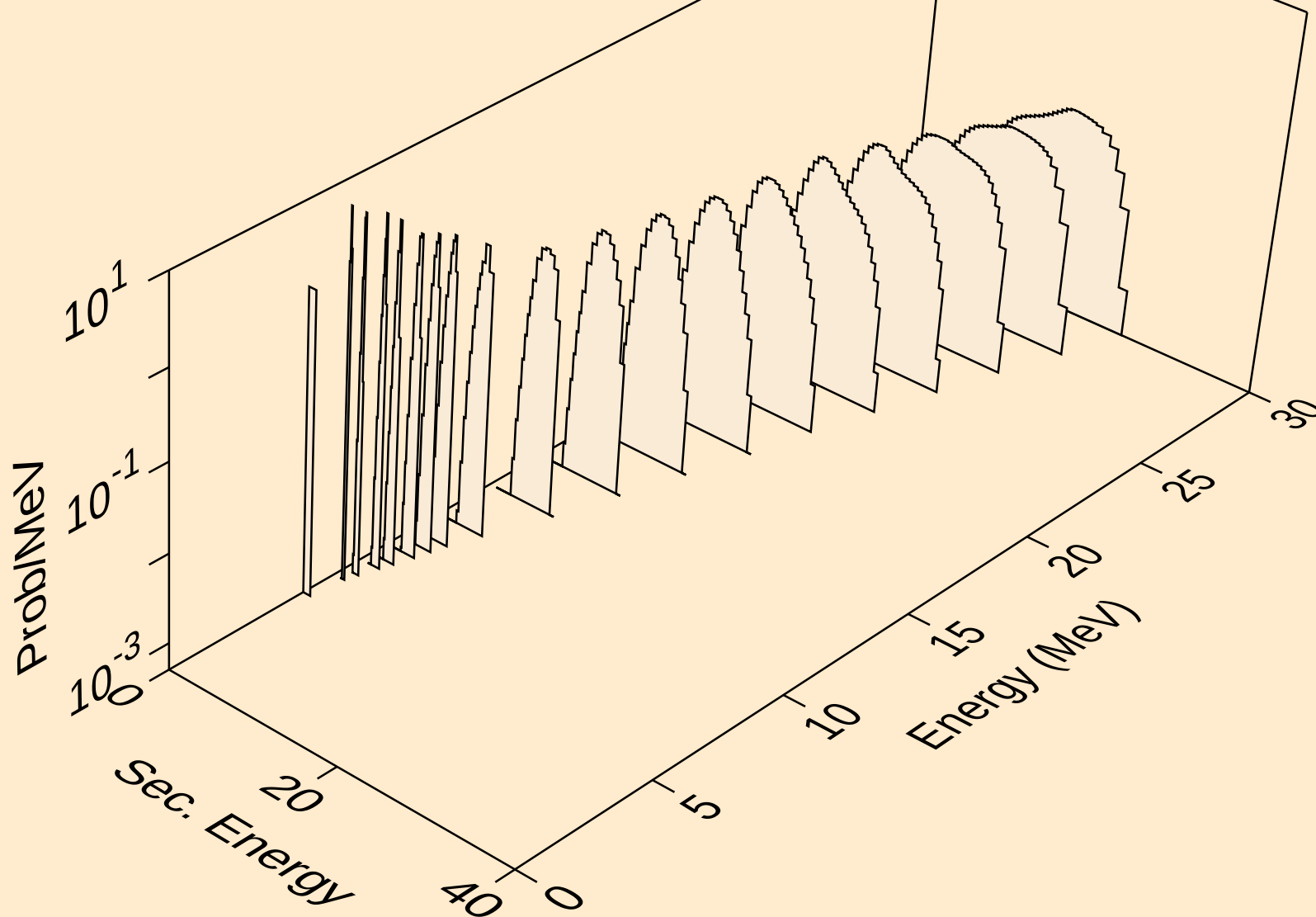
## Particle production cross sections



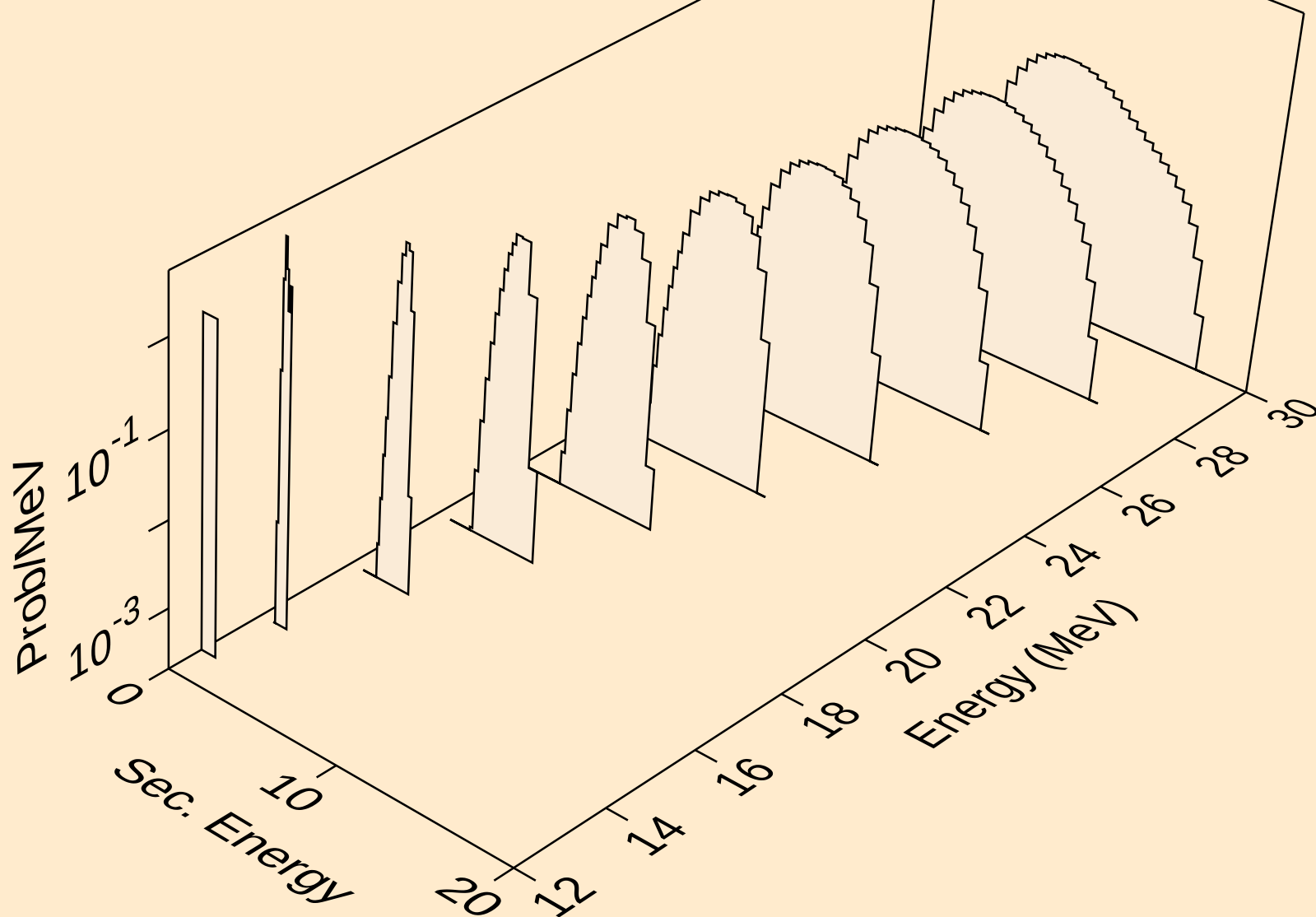
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



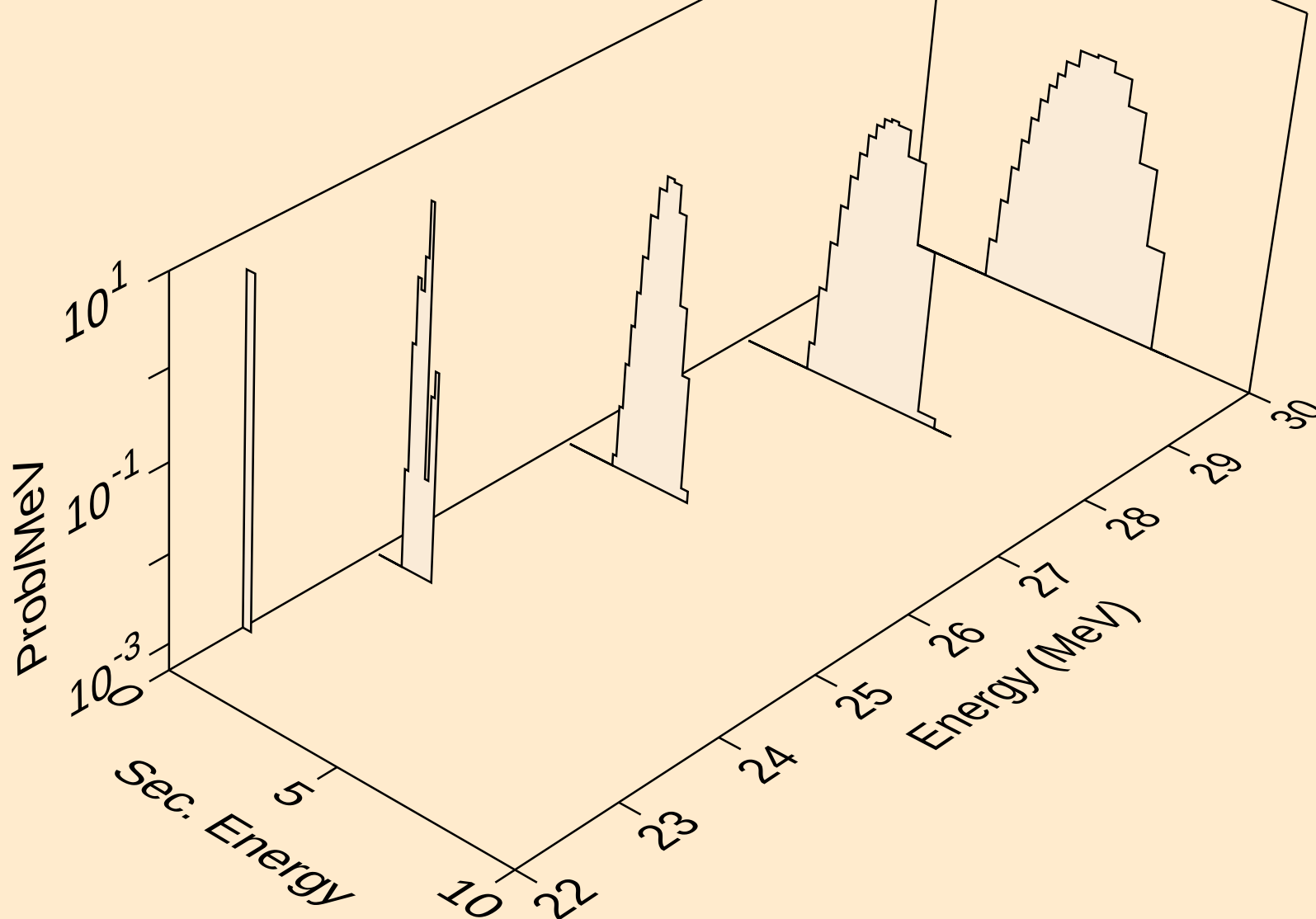
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



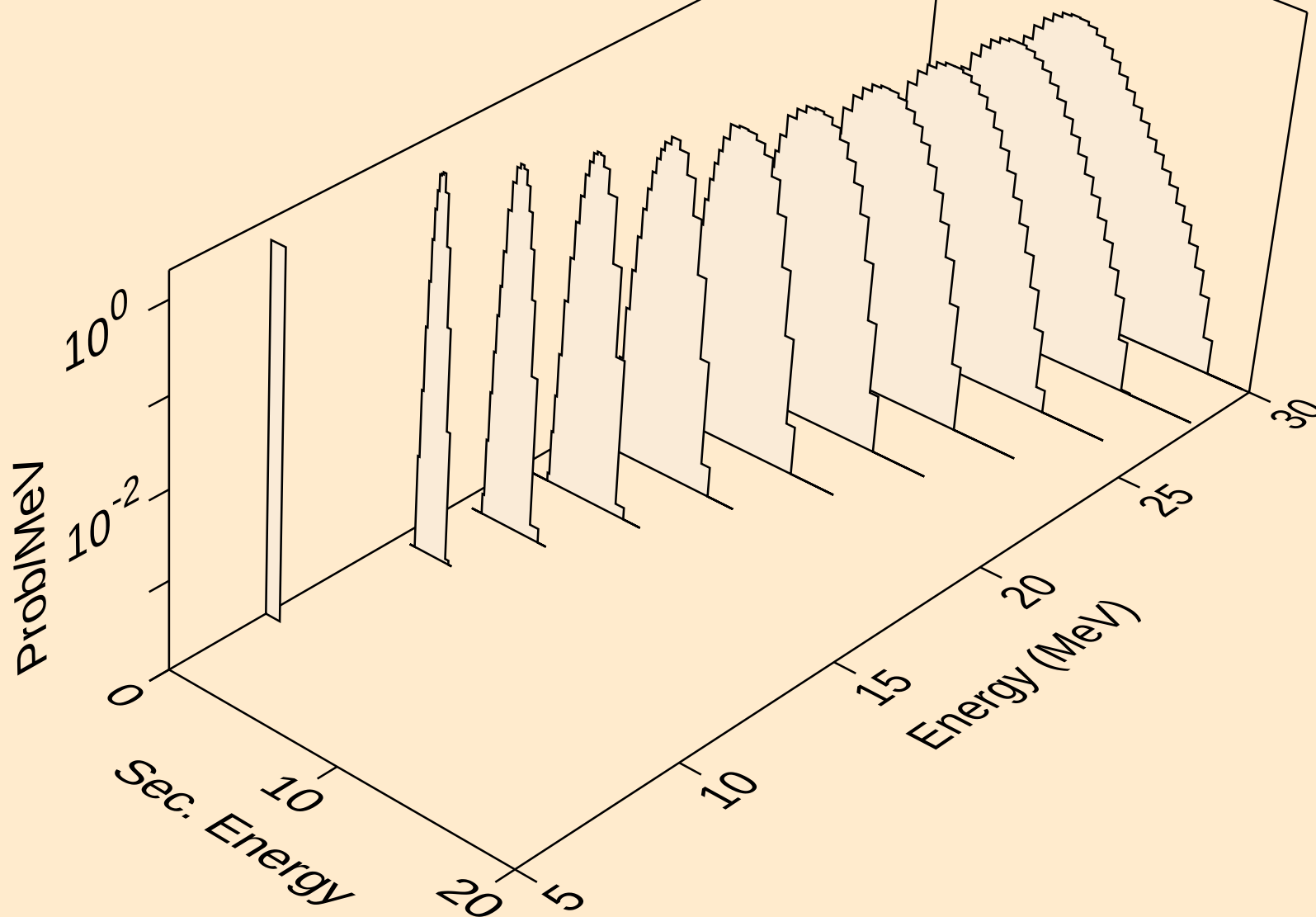
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



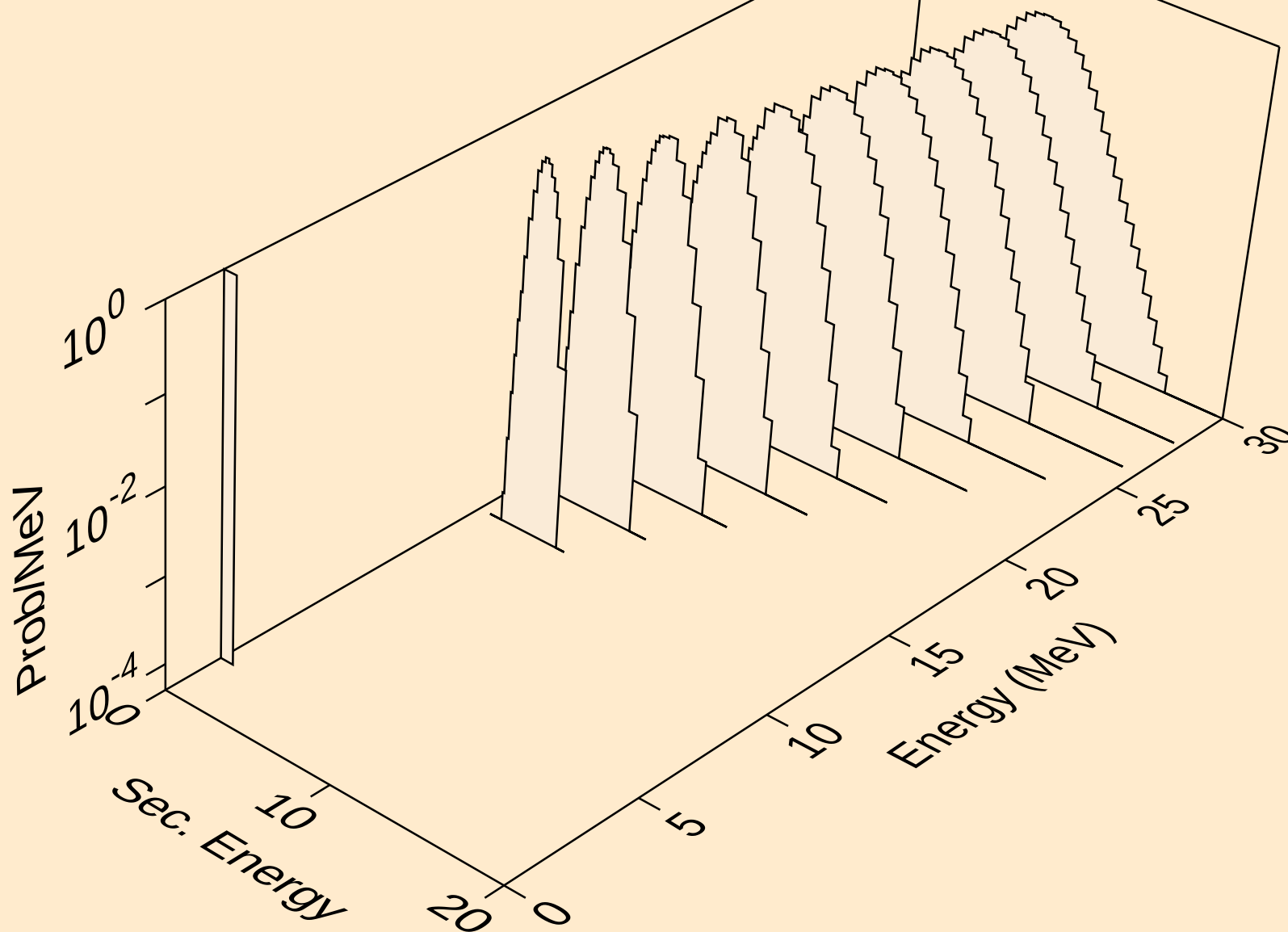
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



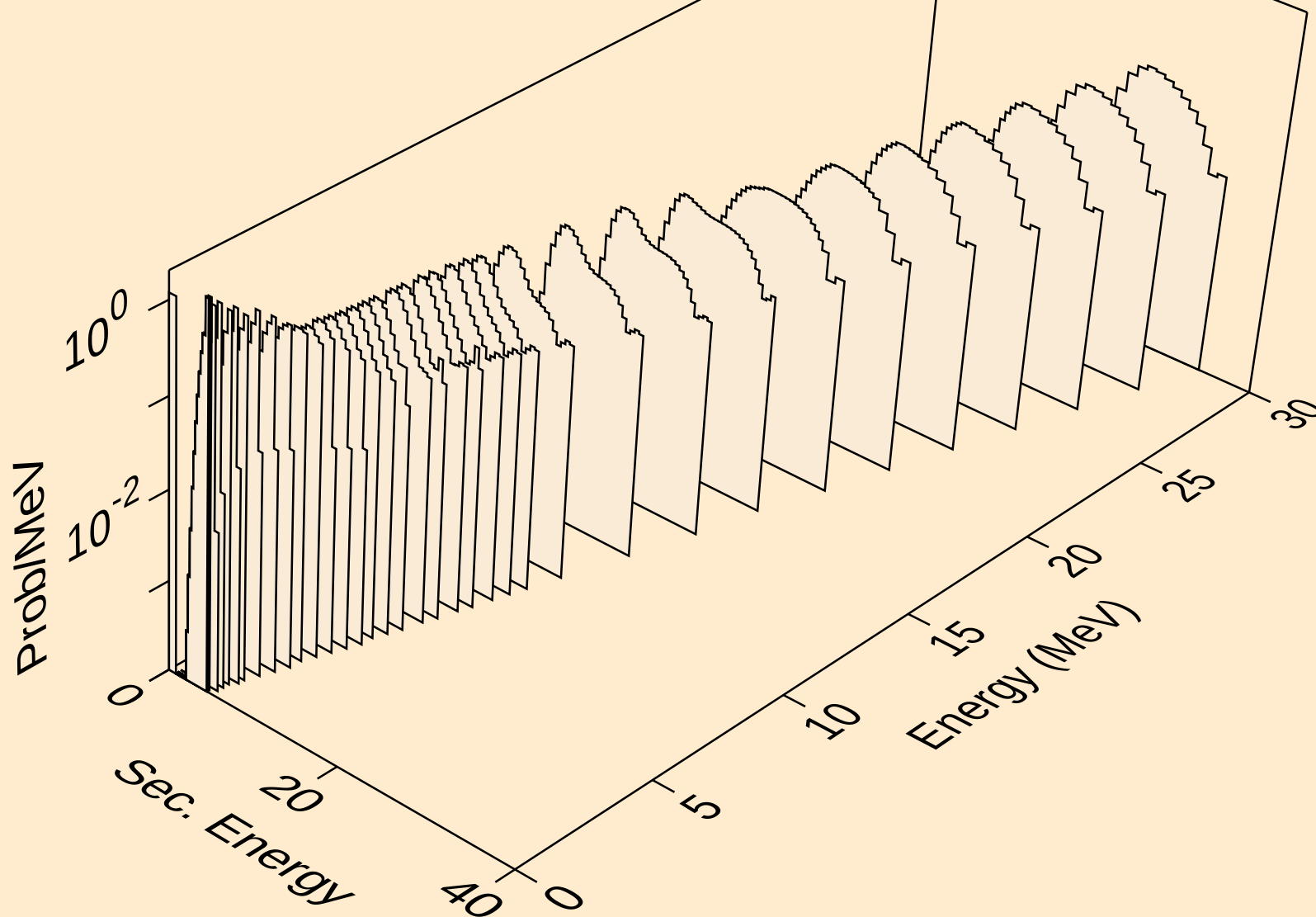
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



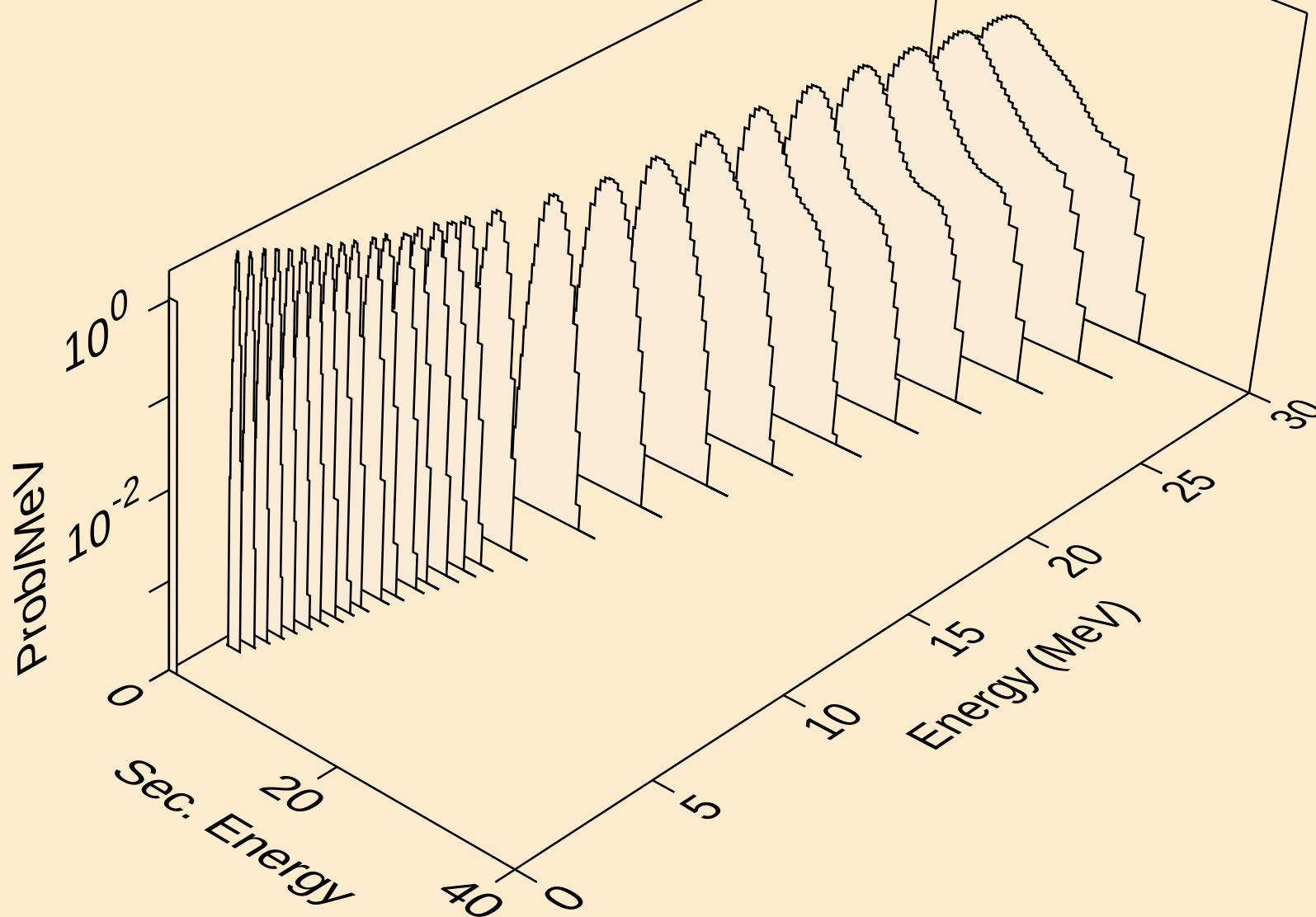
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



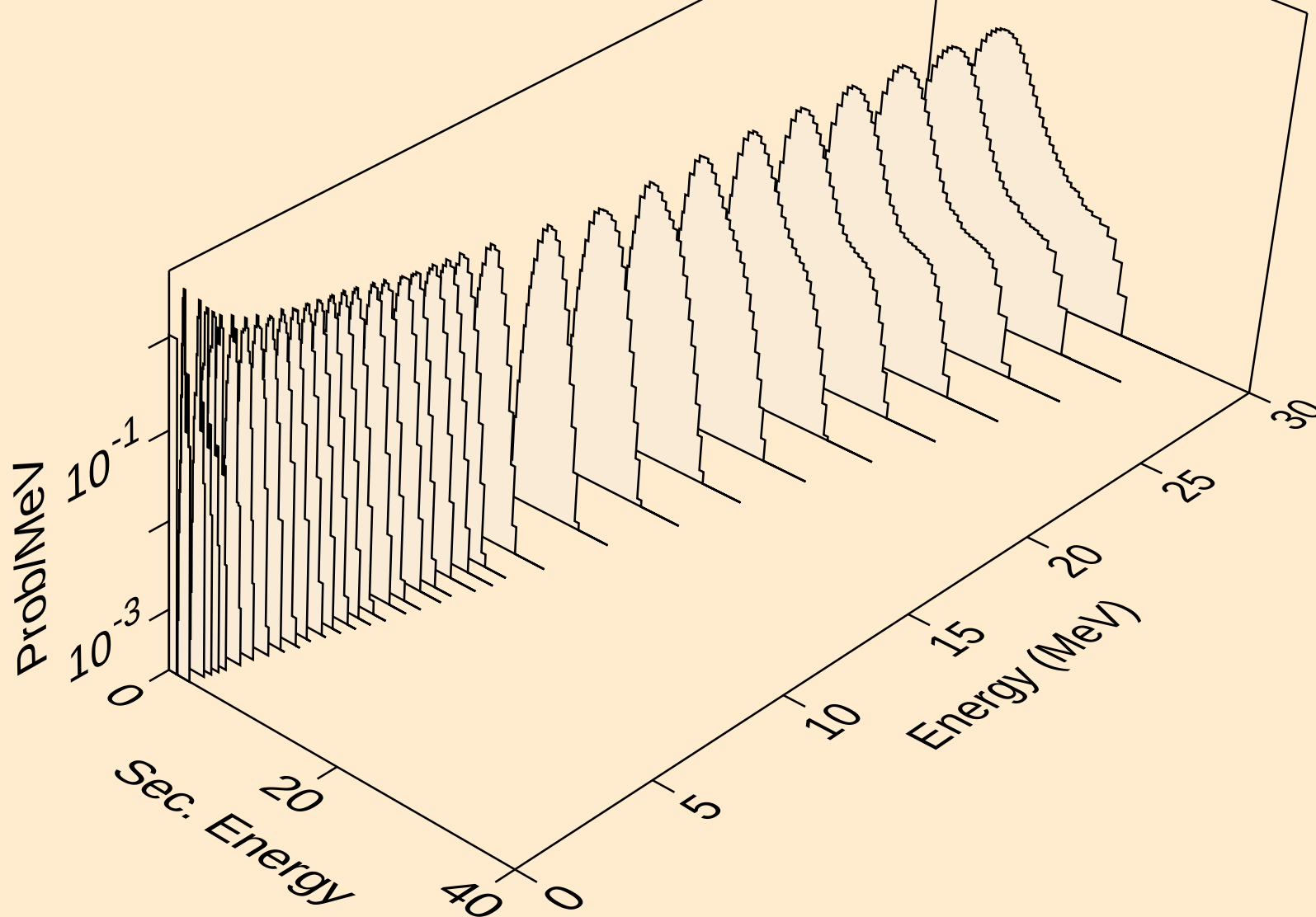
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



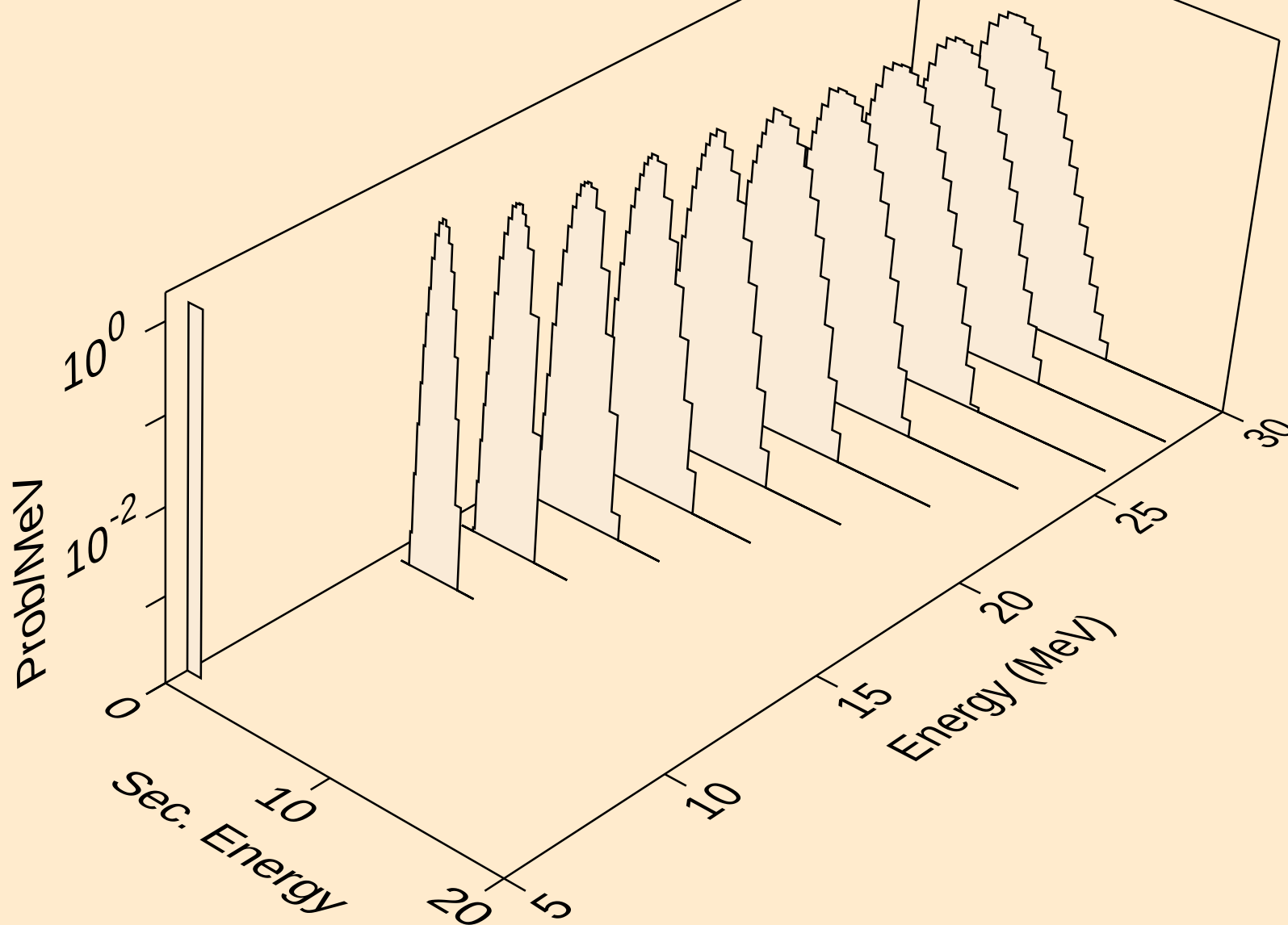
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



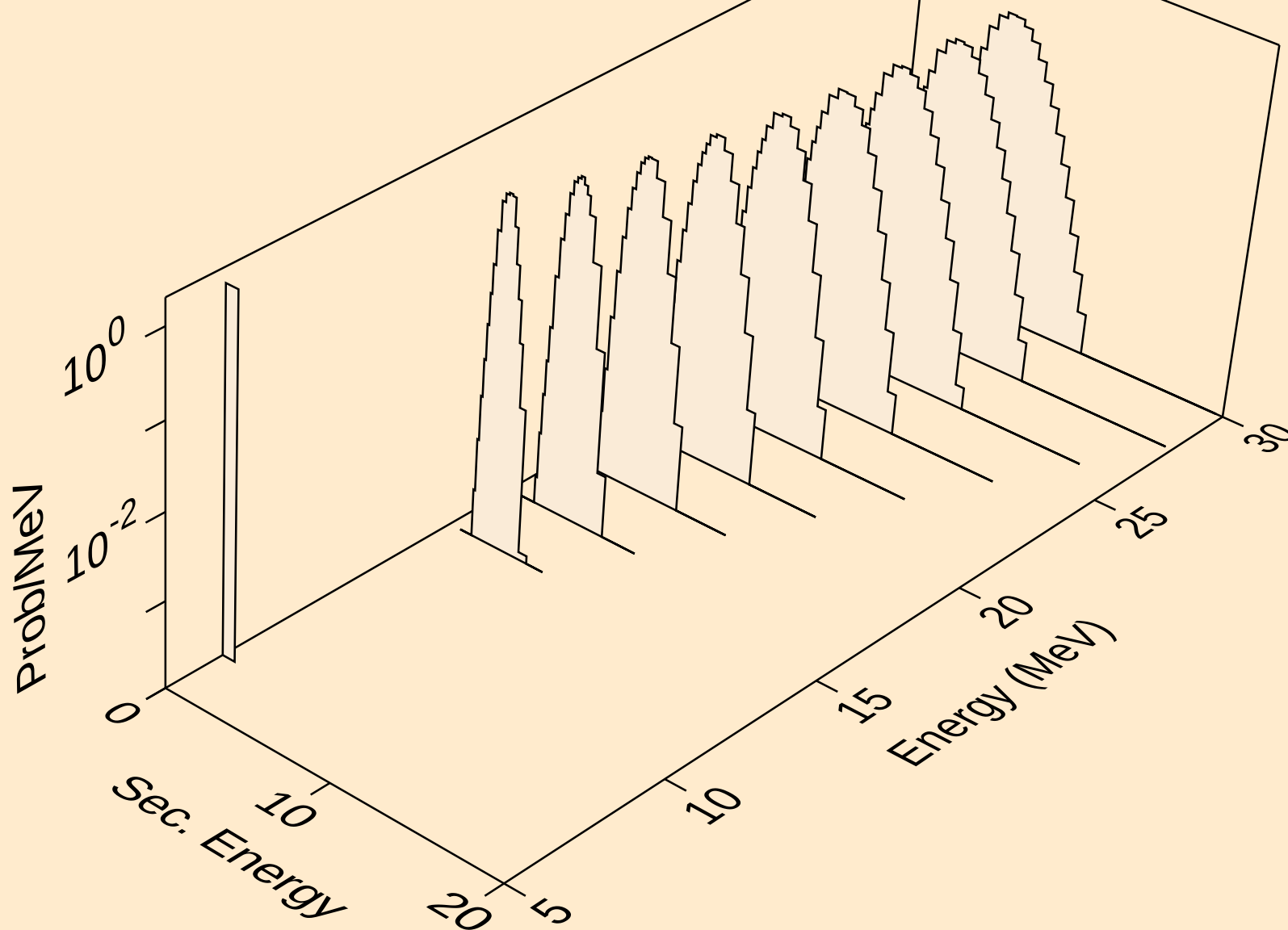
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



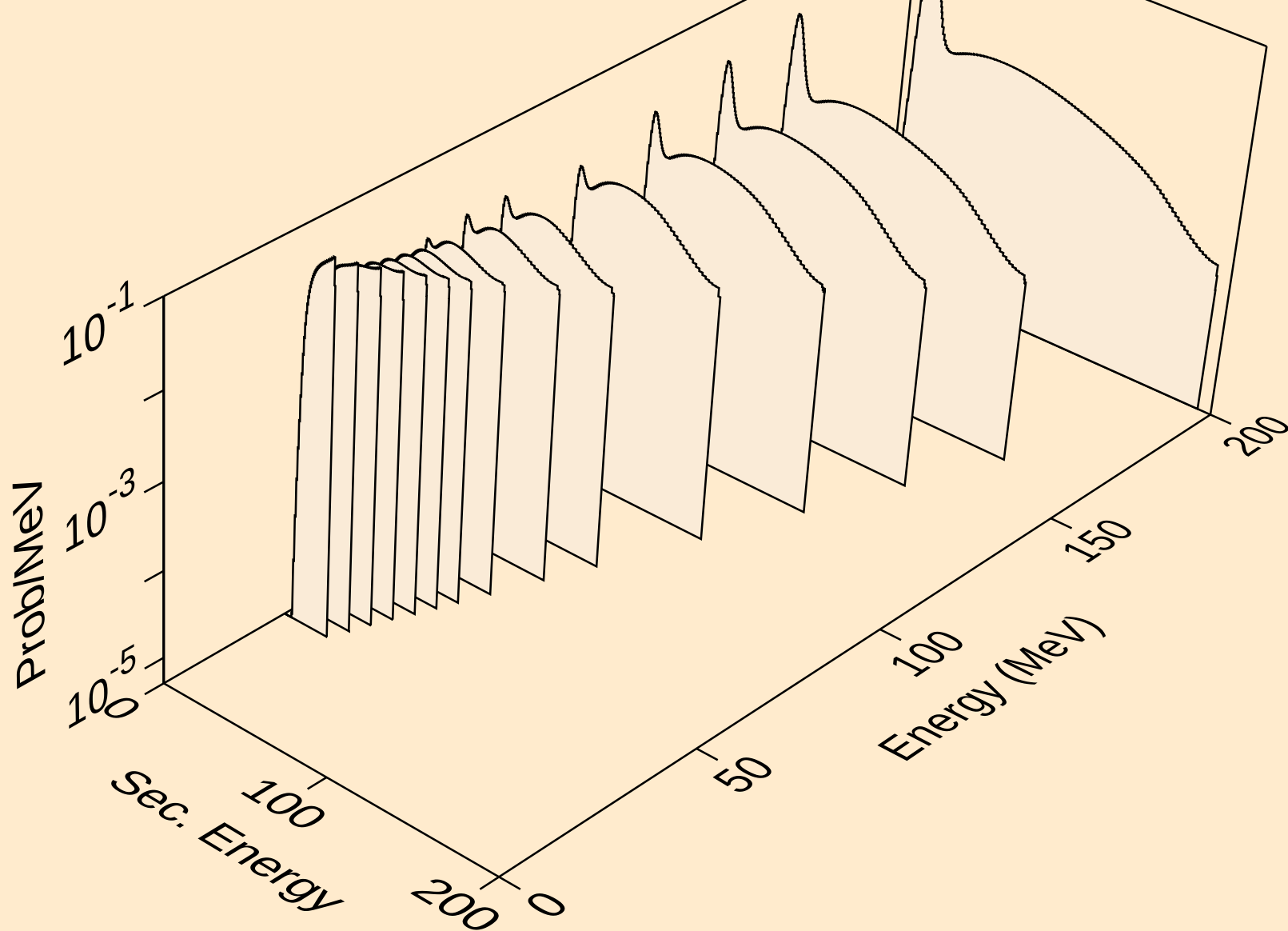
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



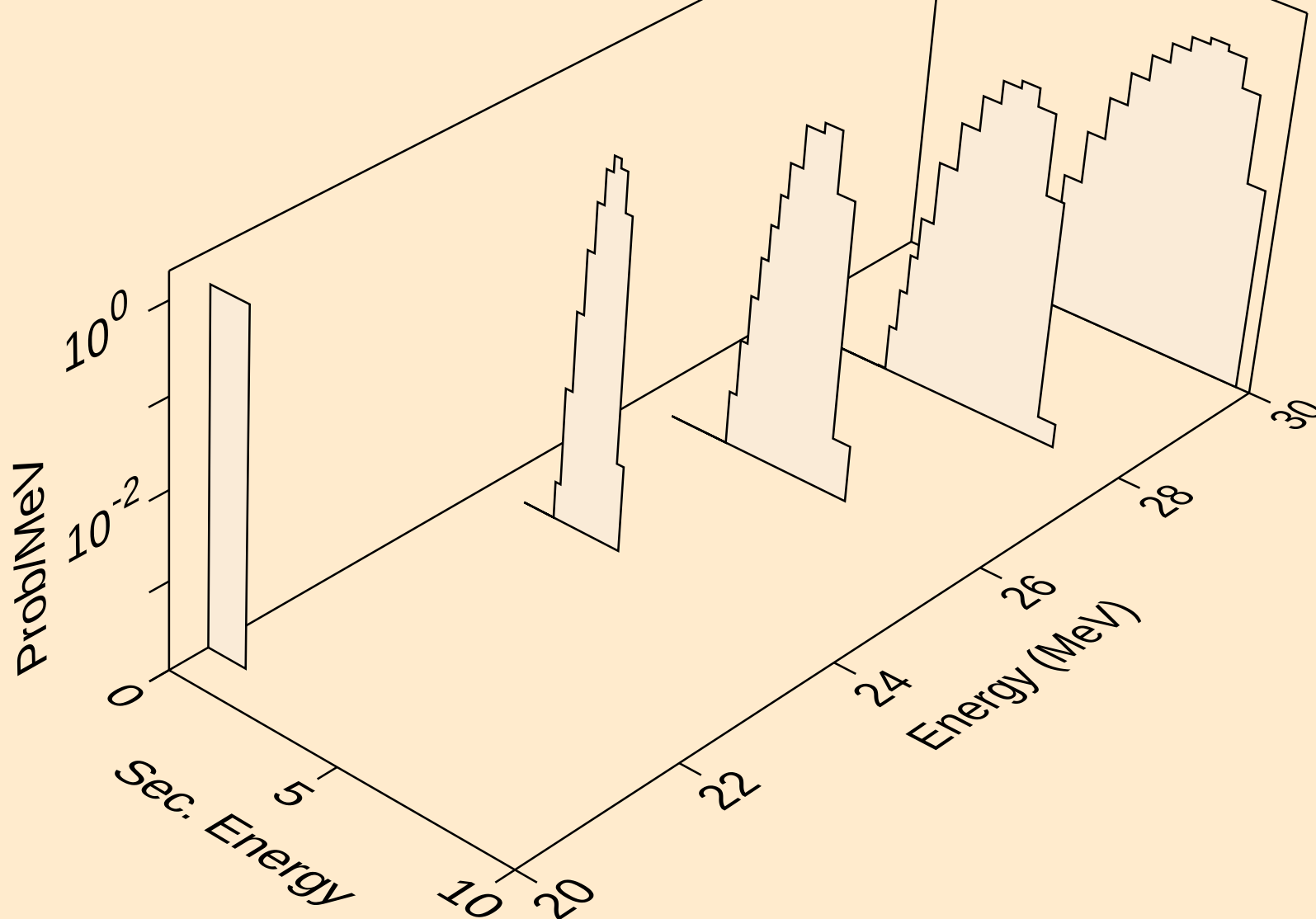
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



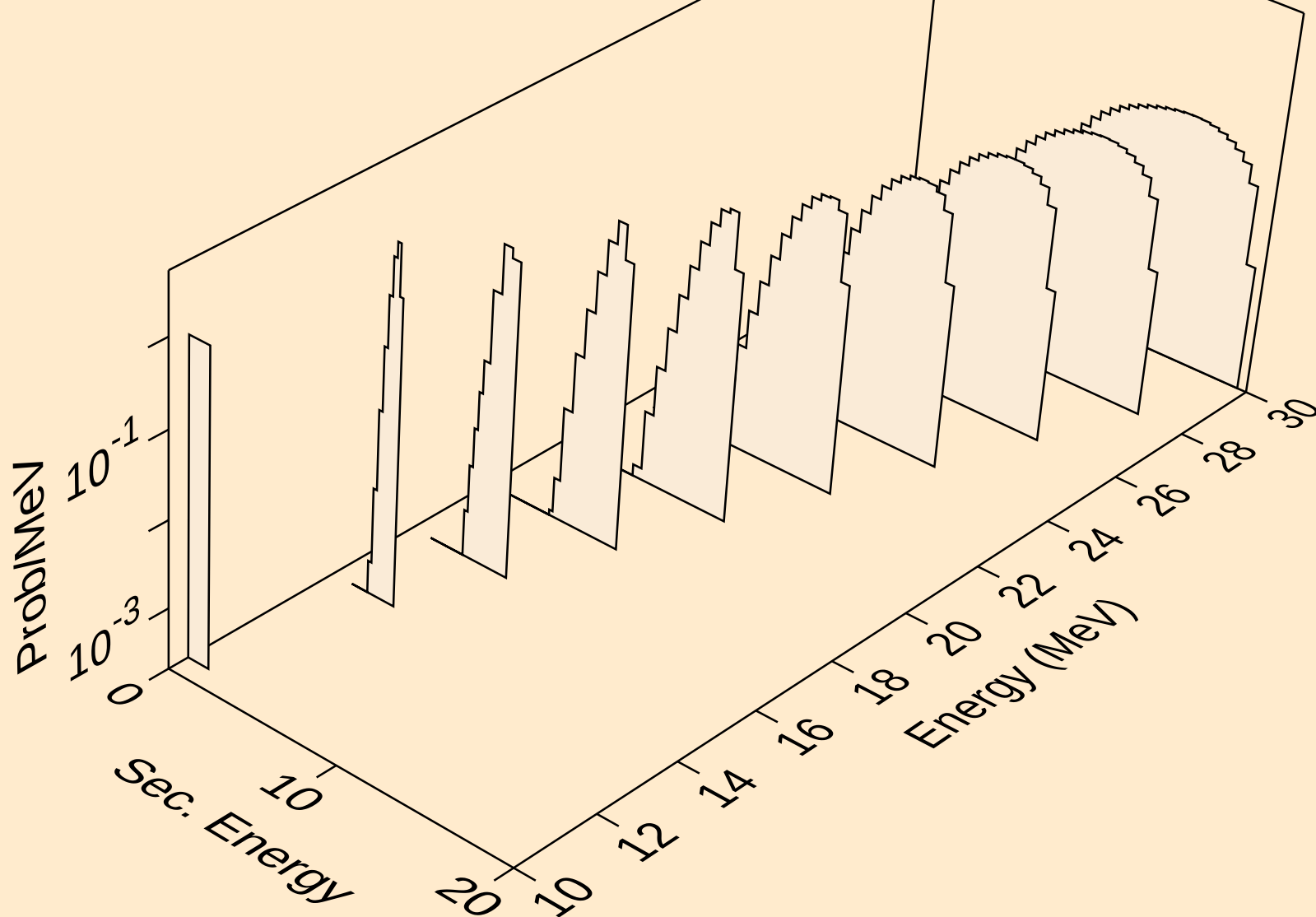
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



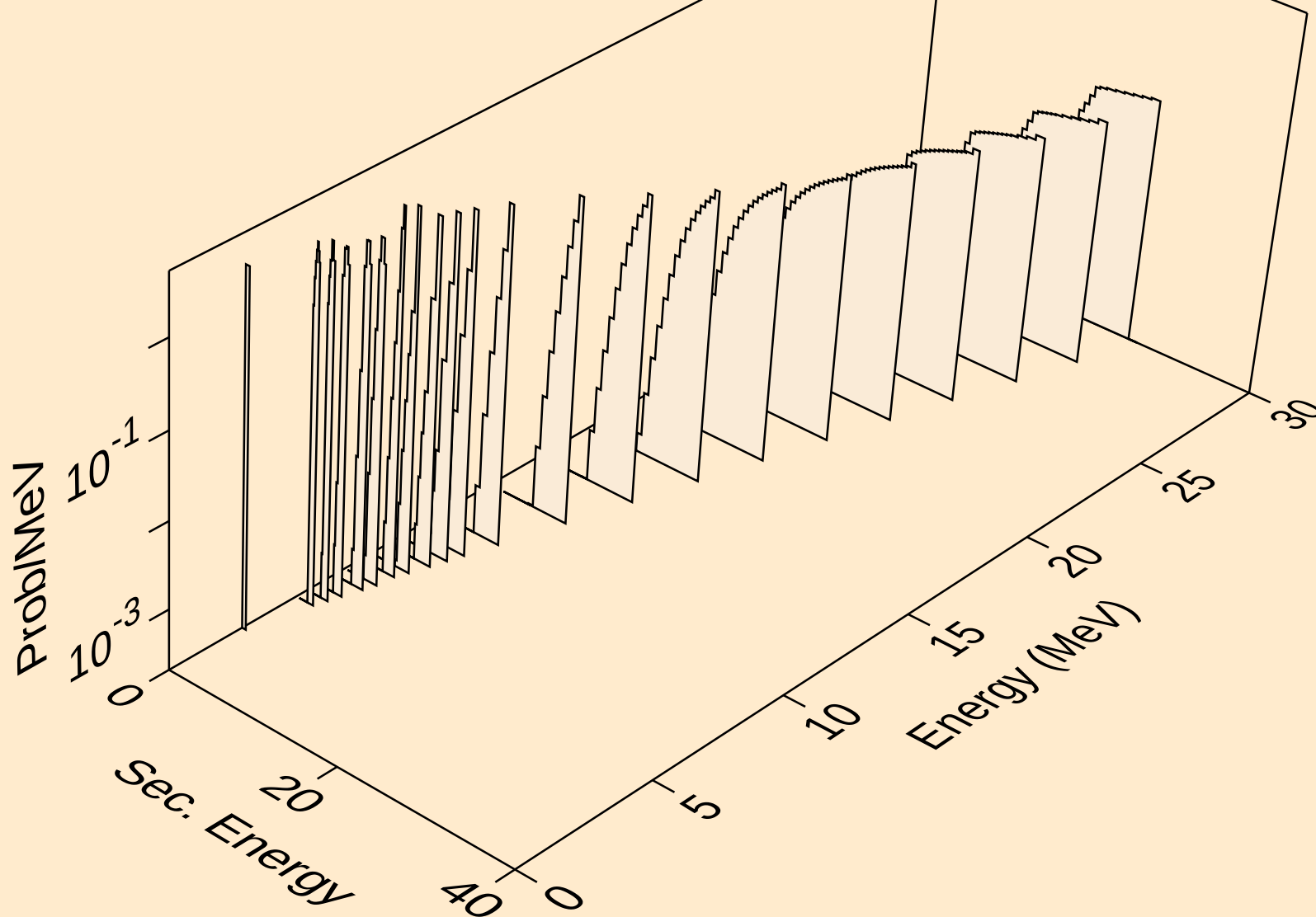
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



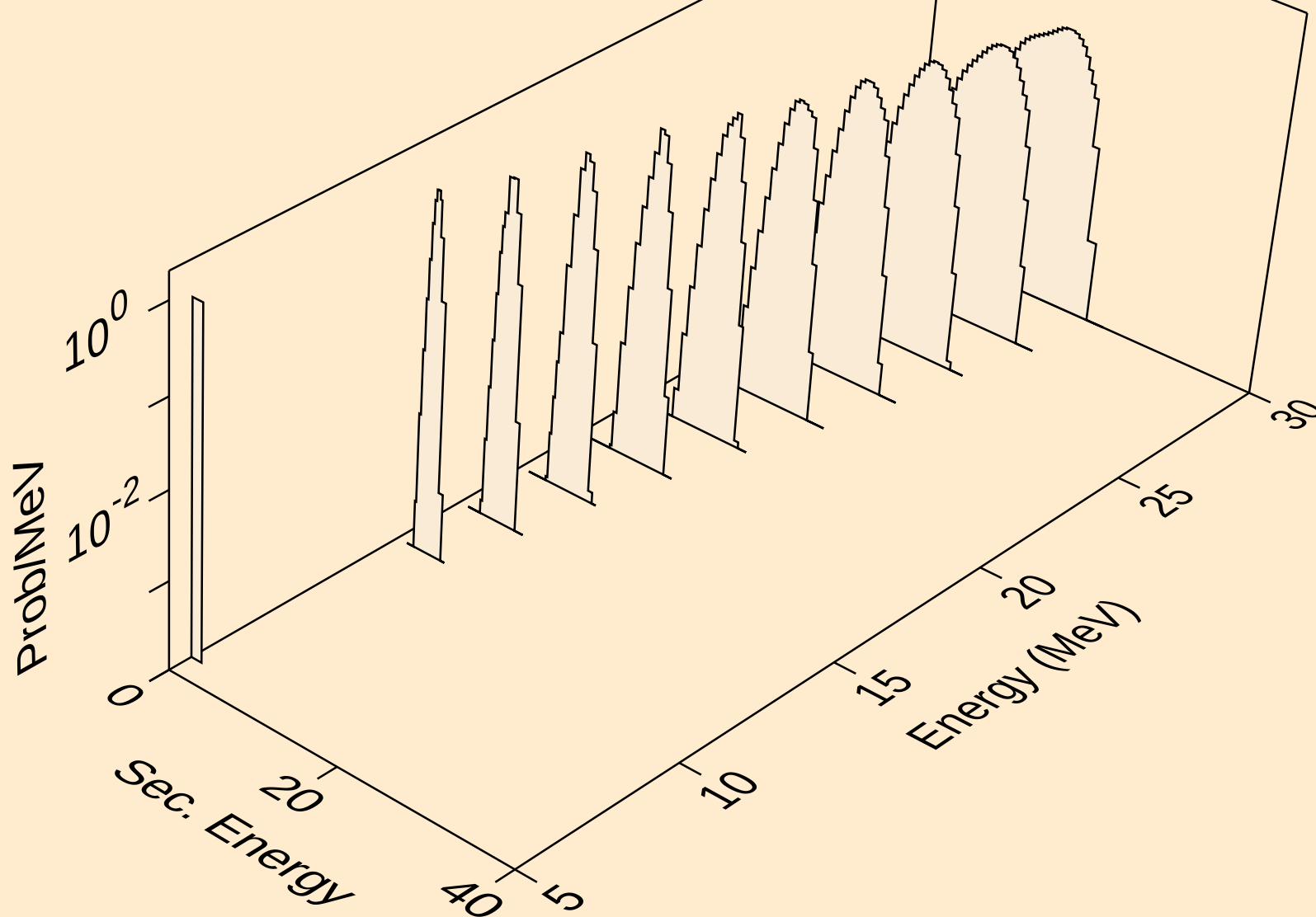
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



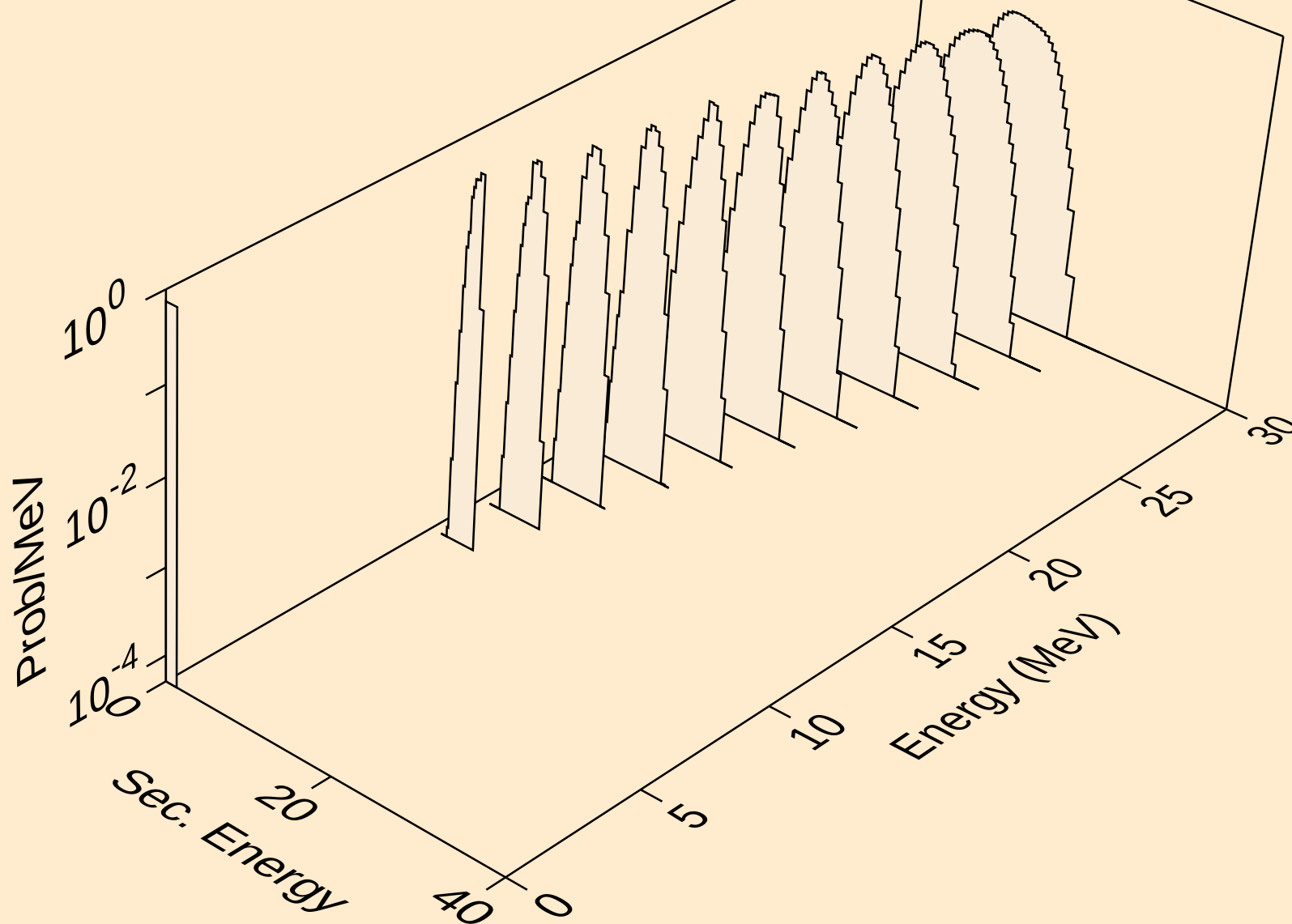
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



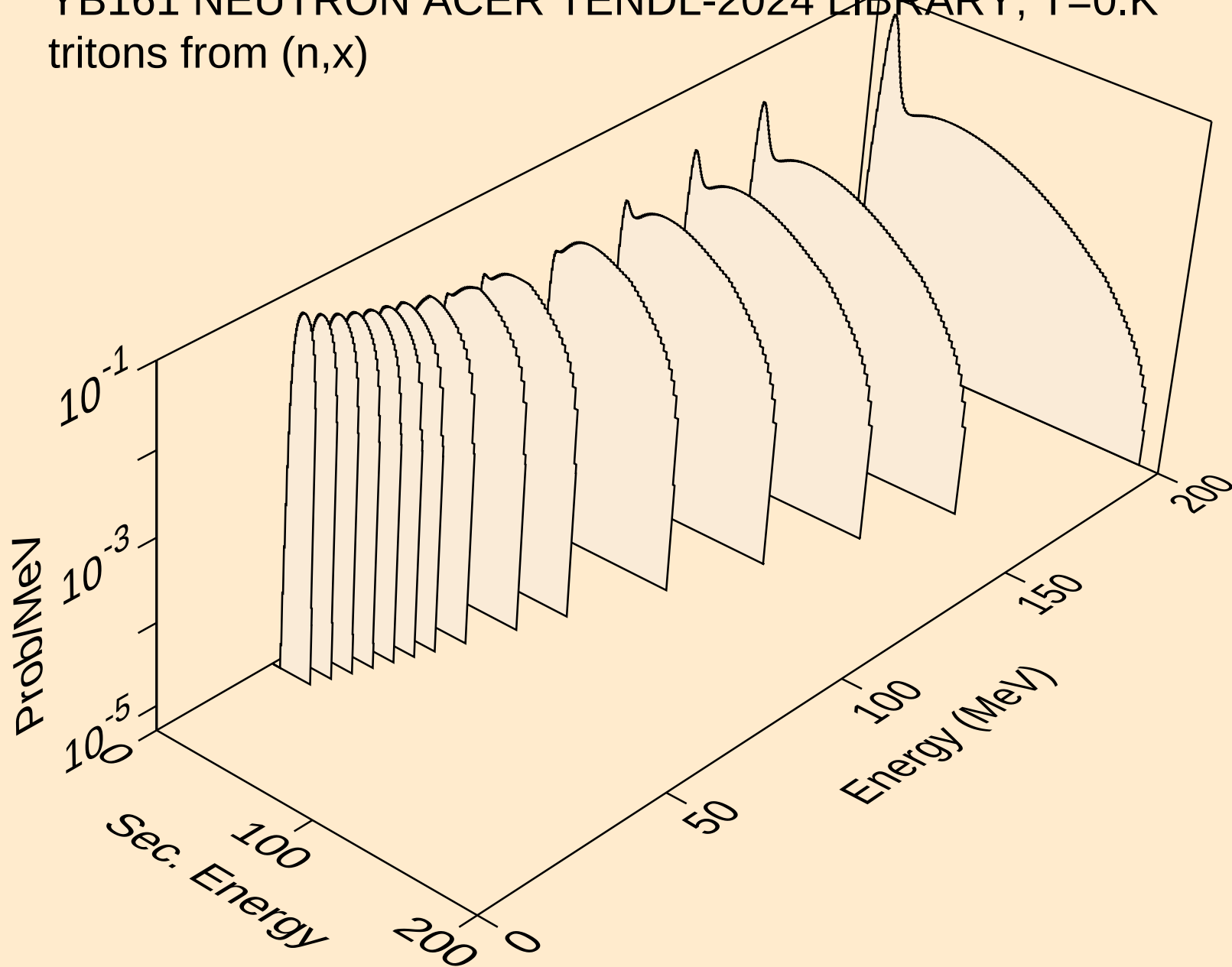
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



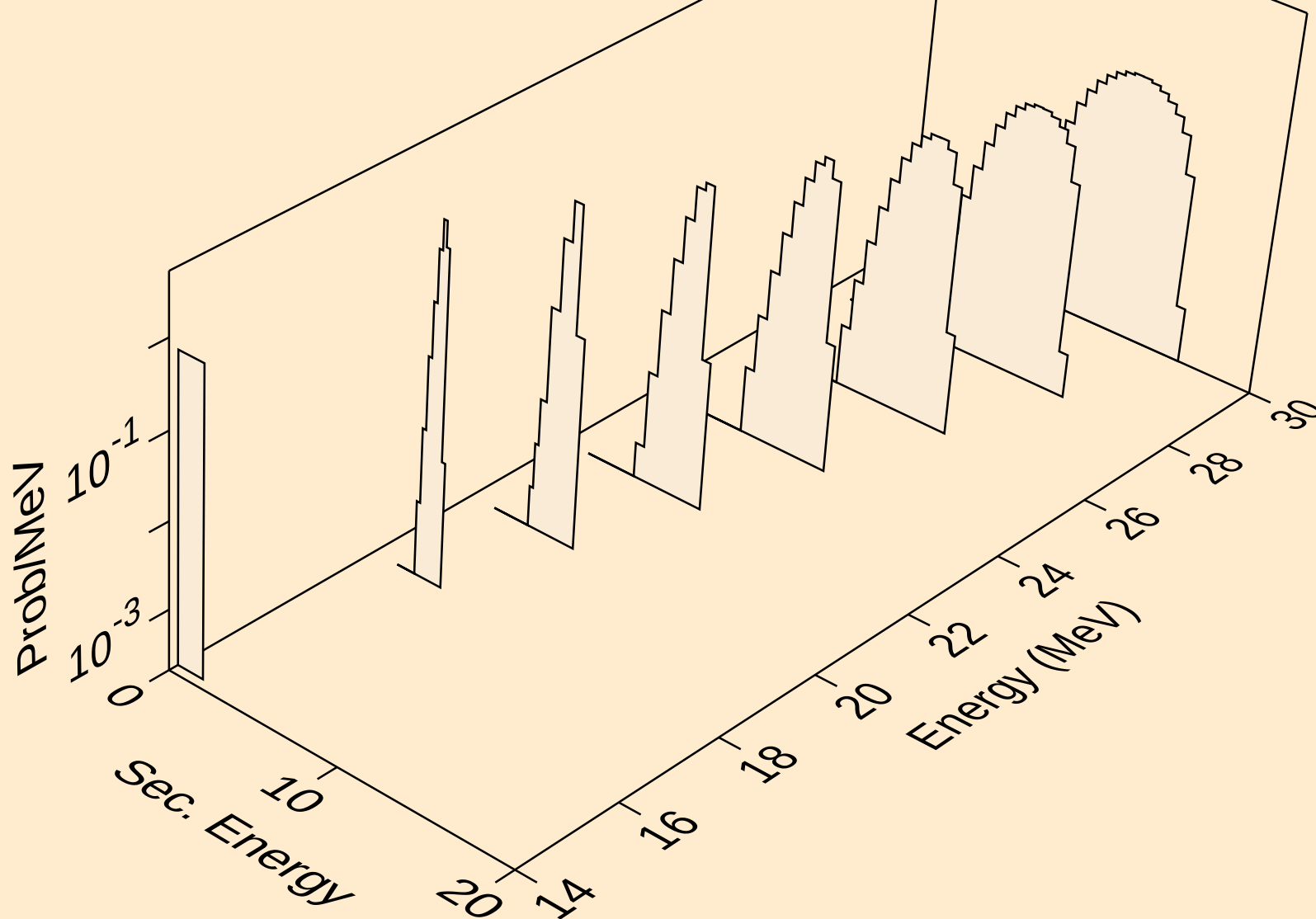
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



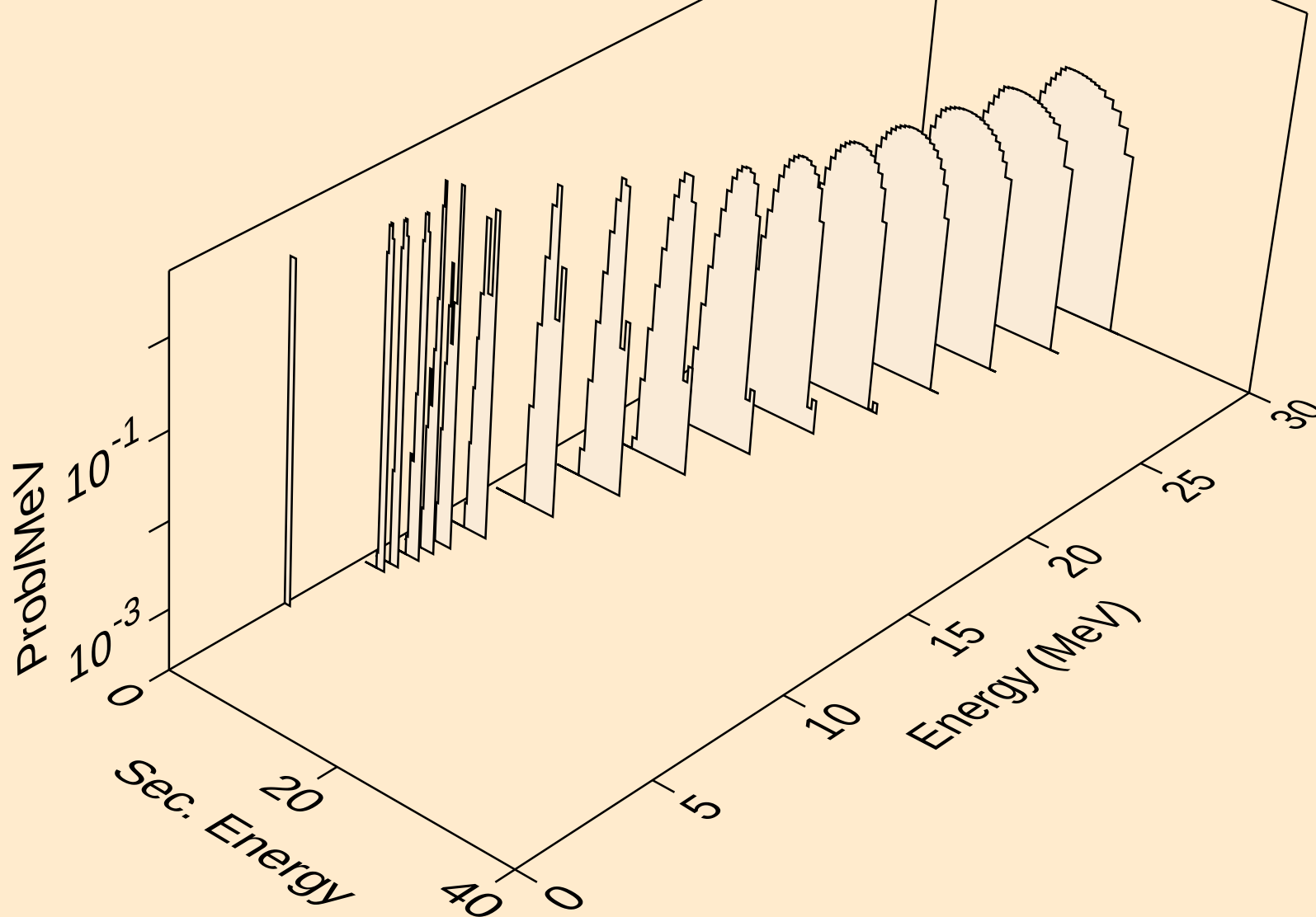
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



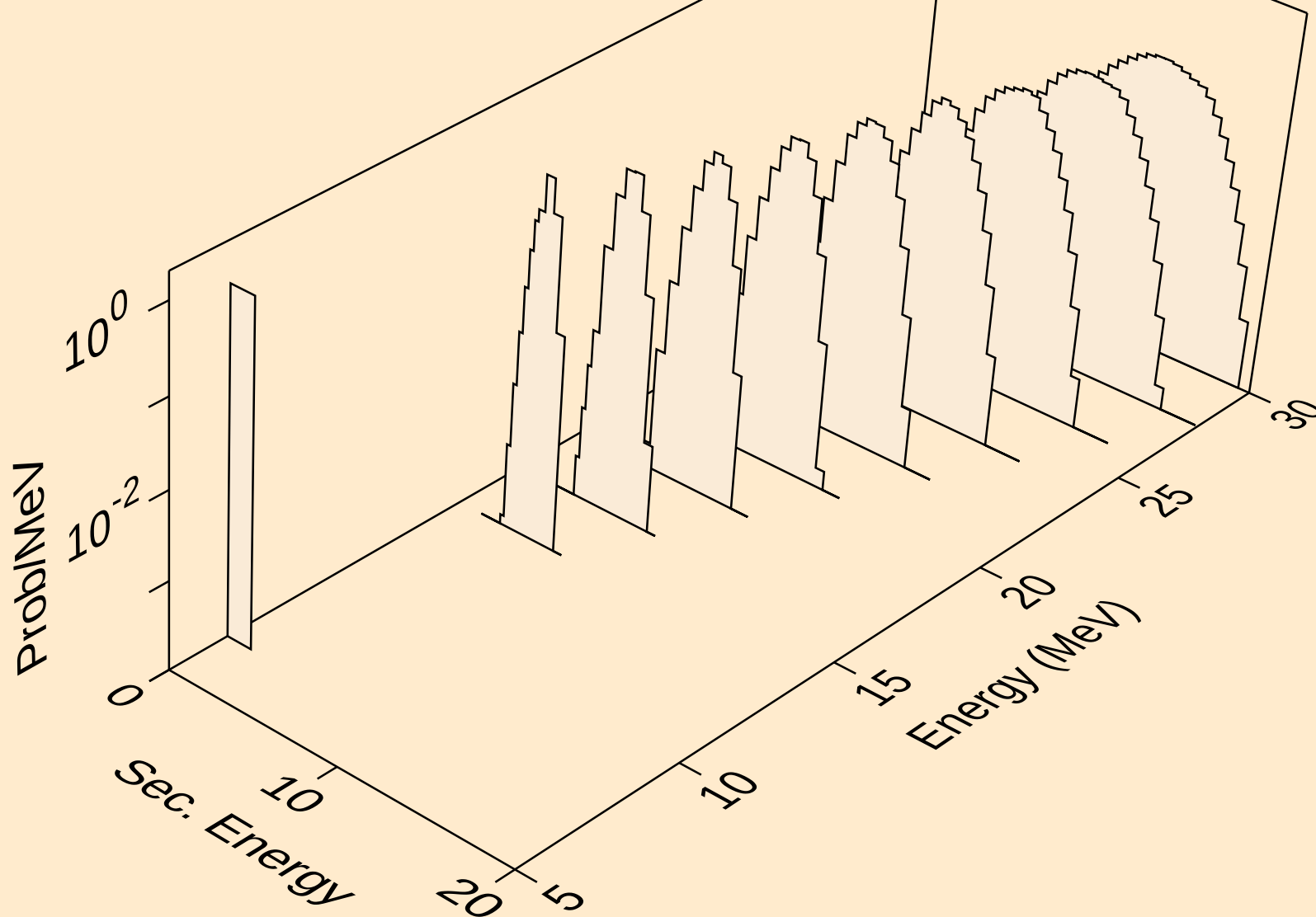
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



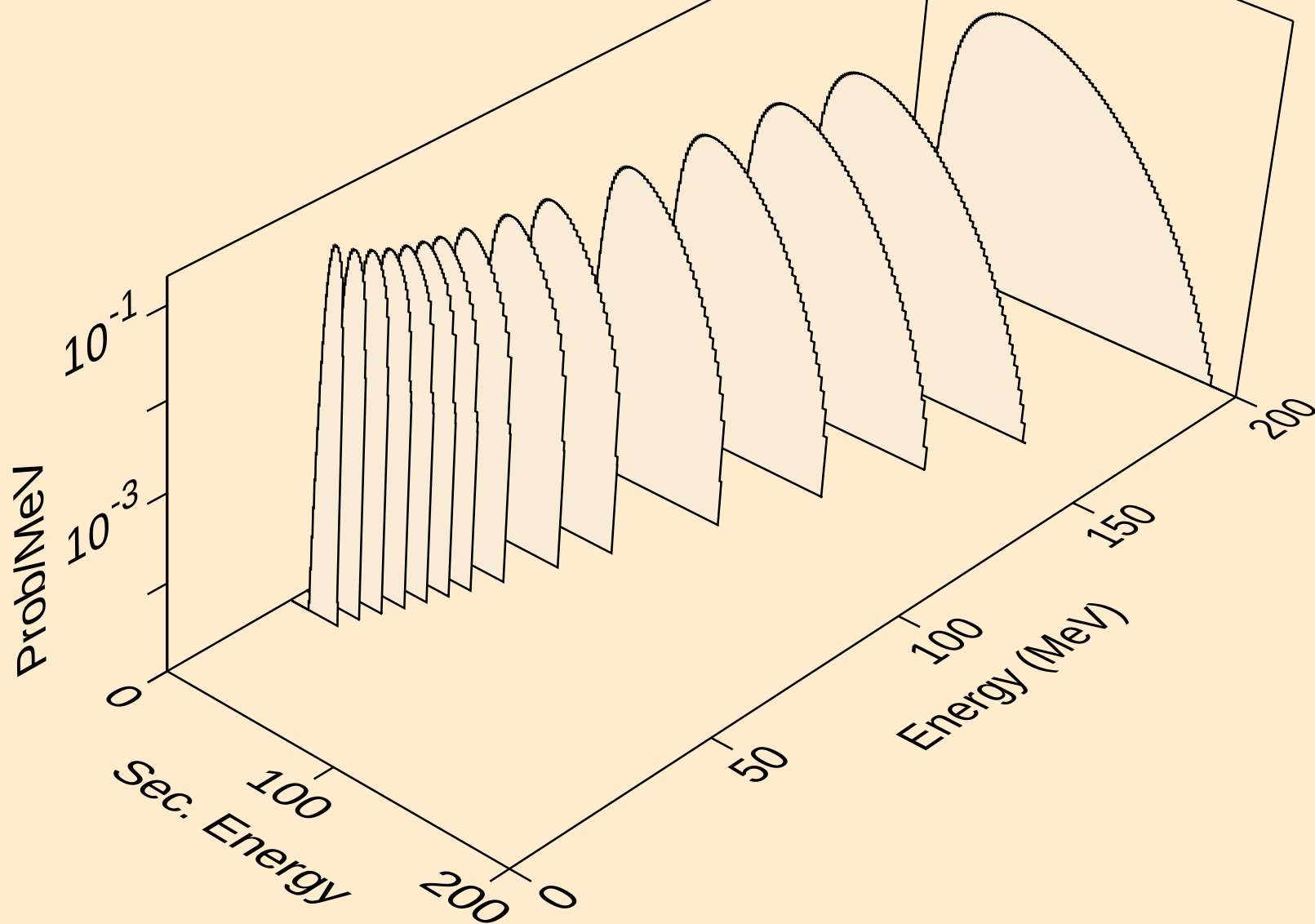
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



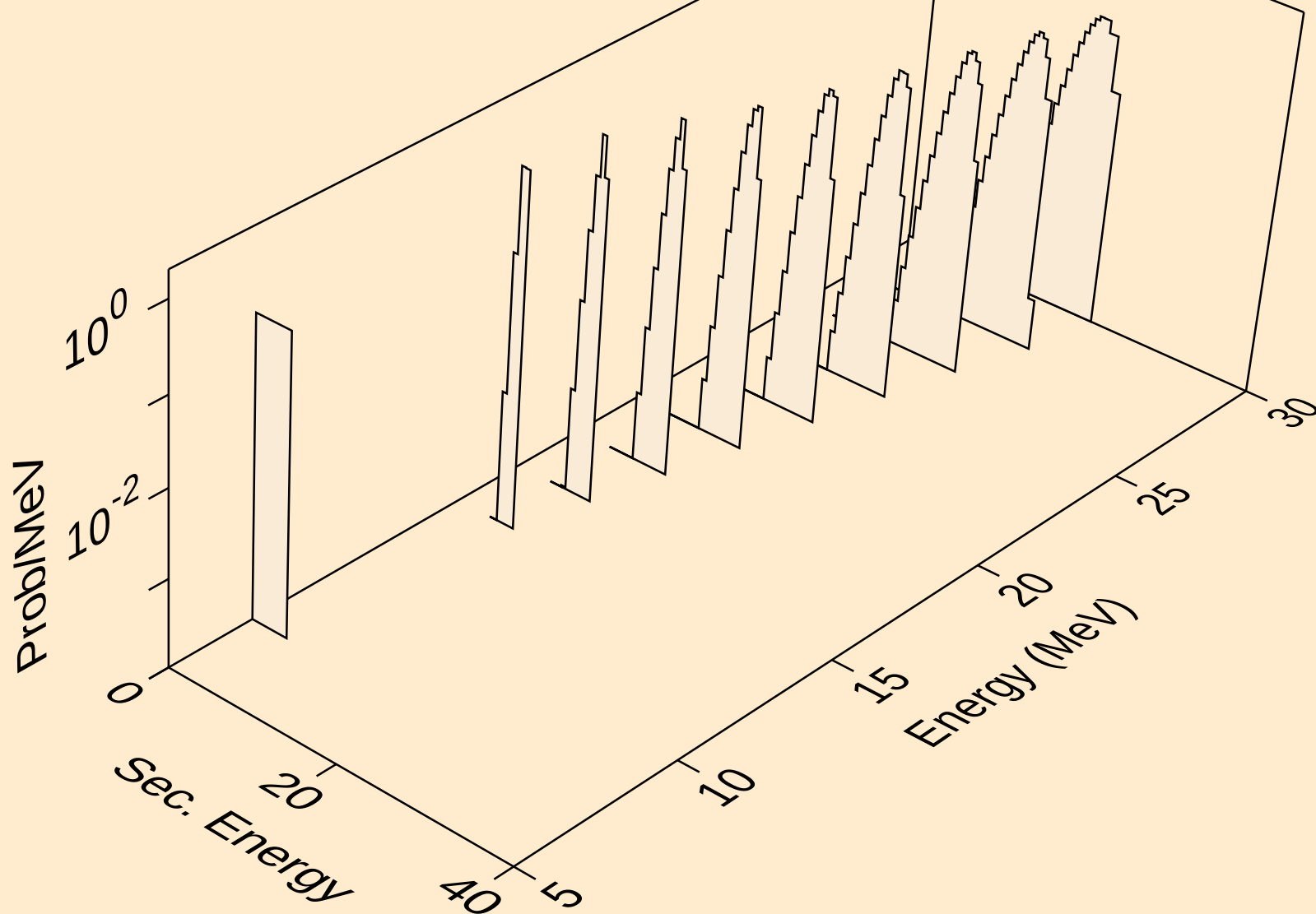
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



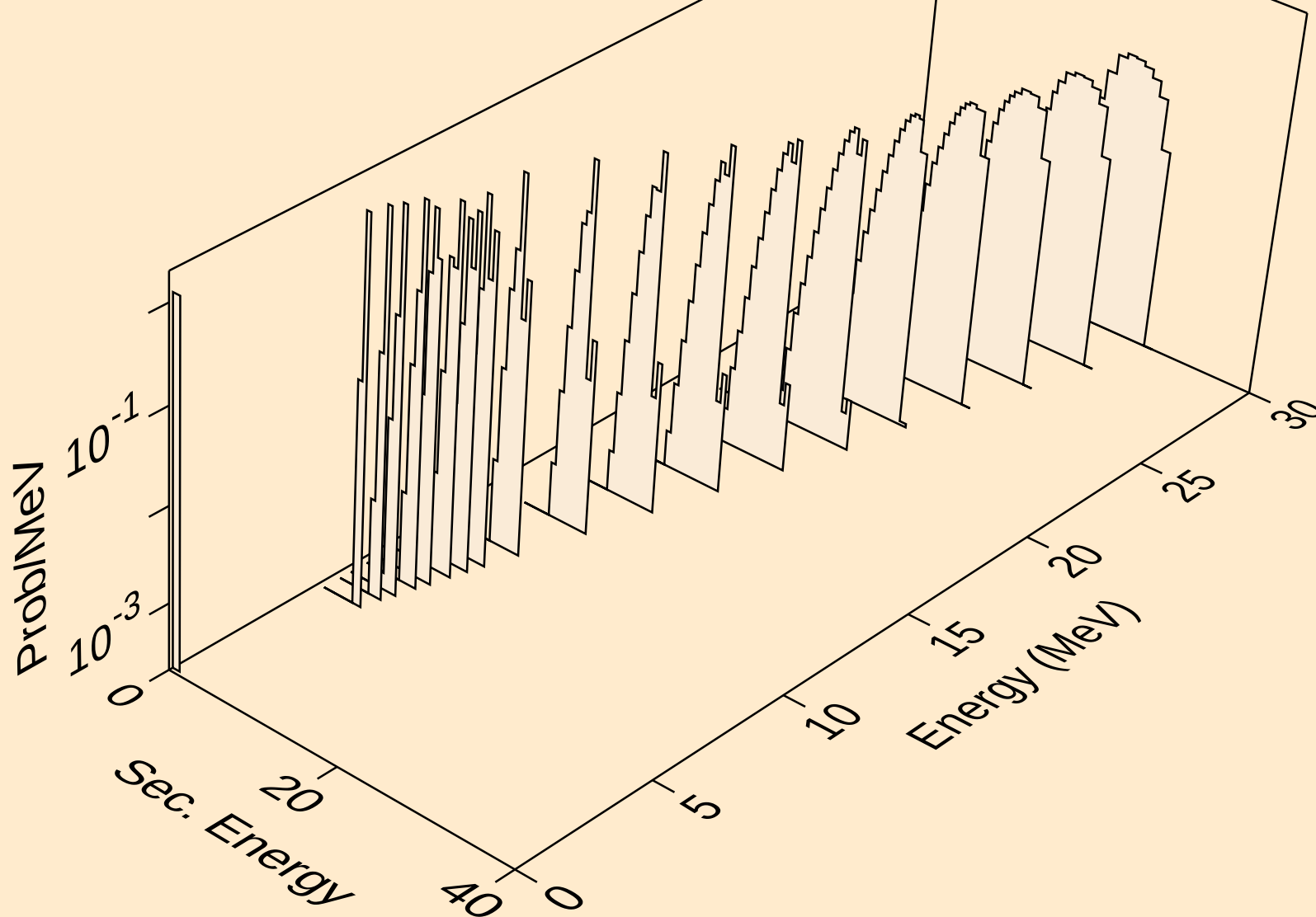
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



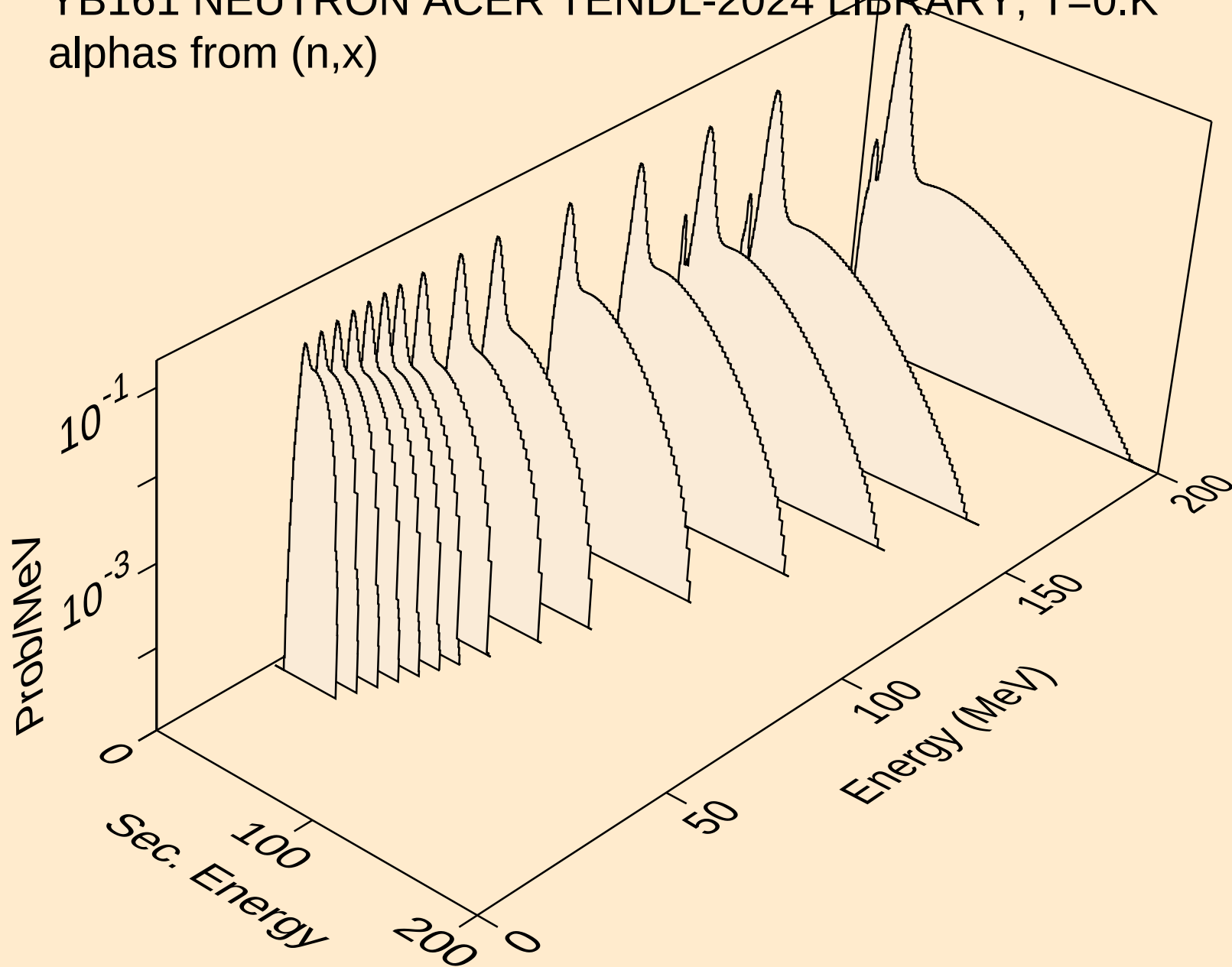
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



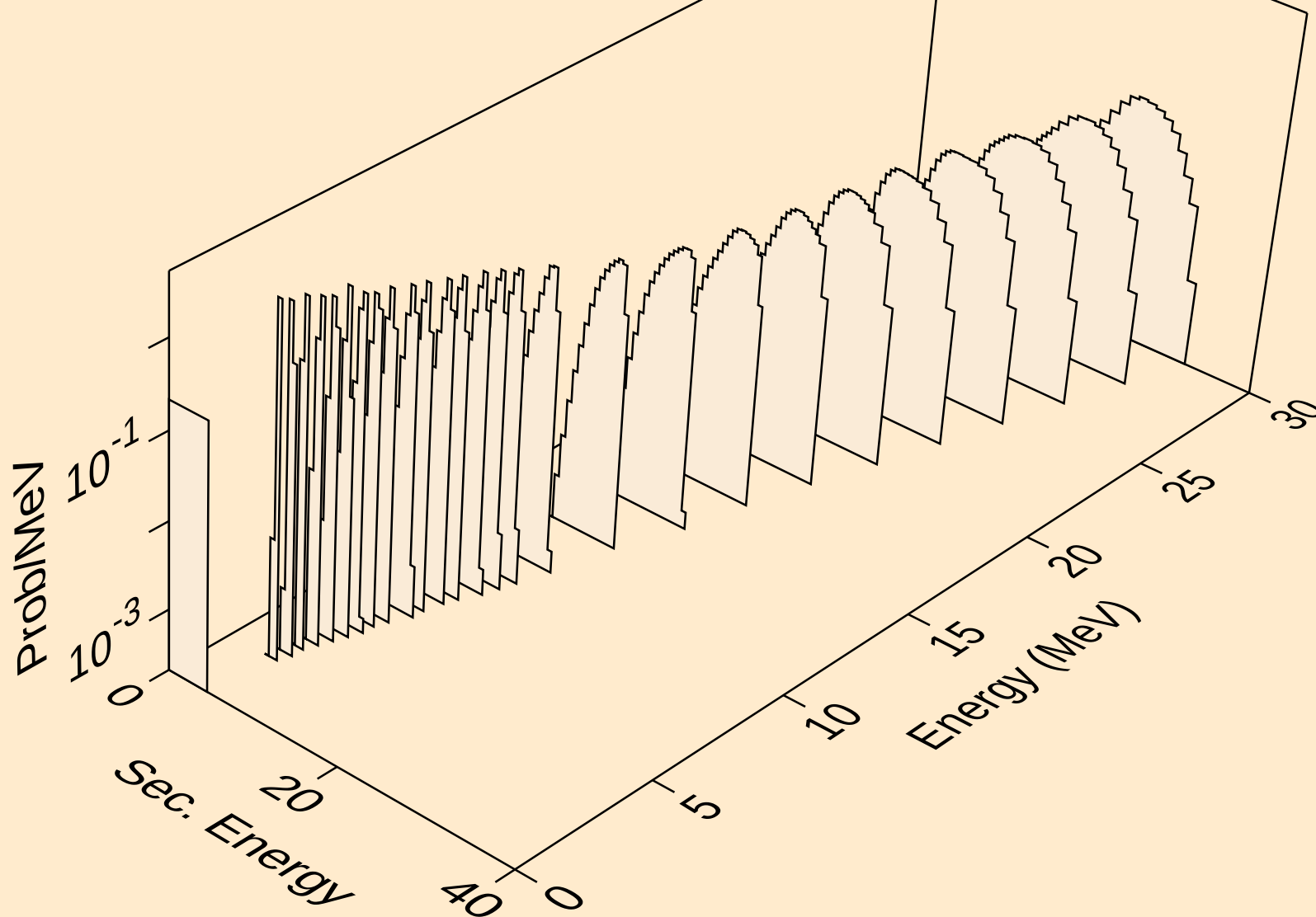
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



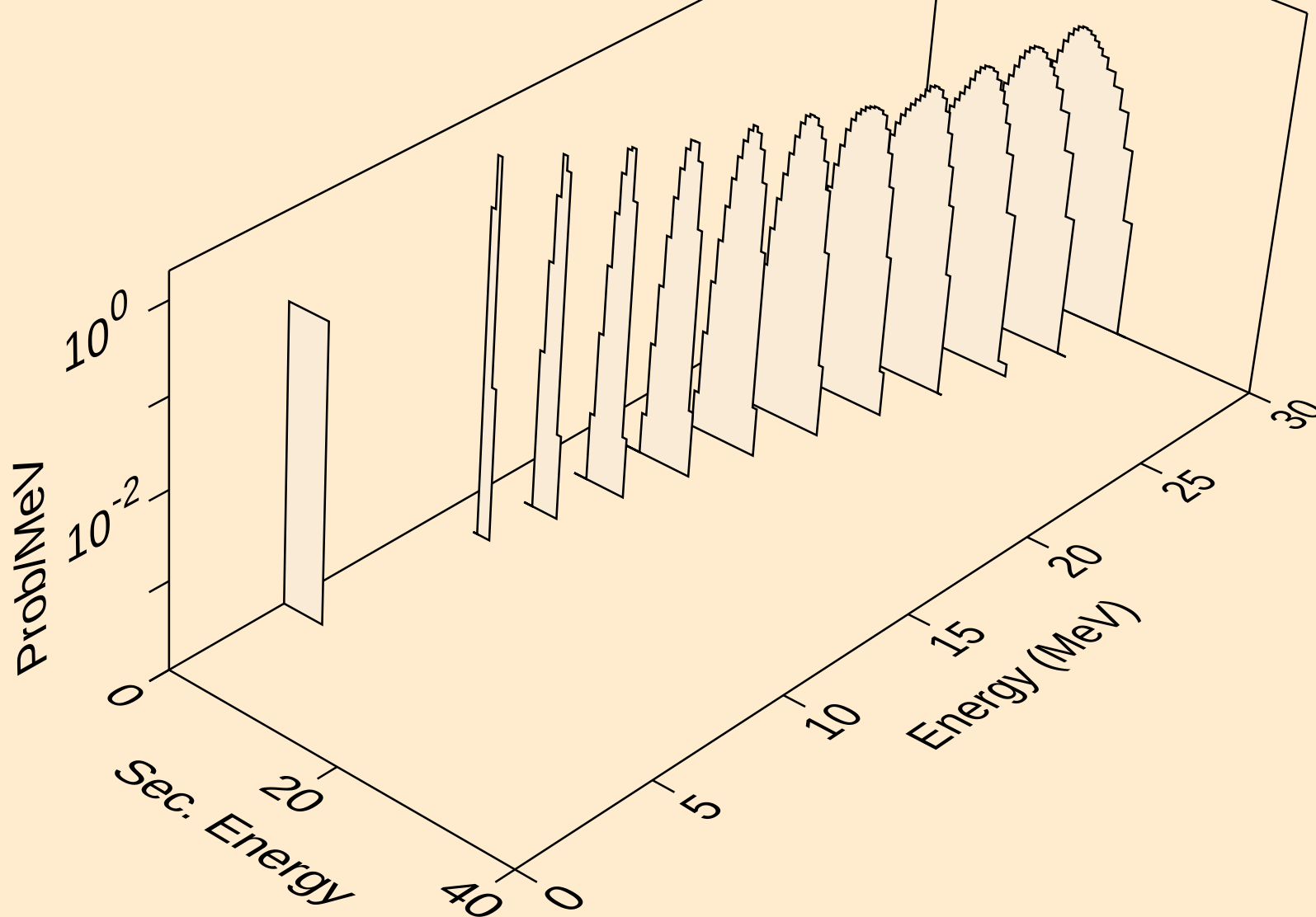
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



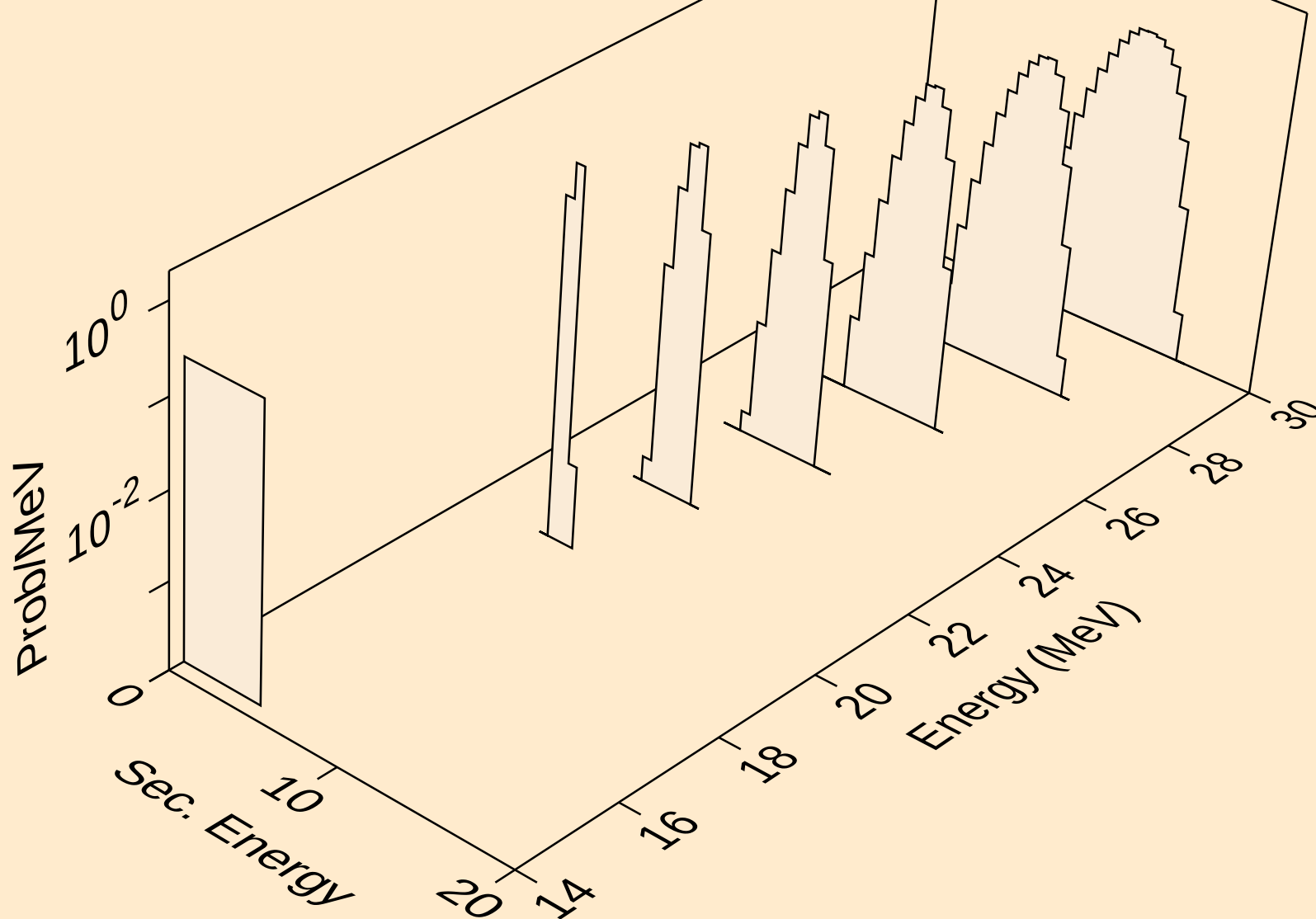
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



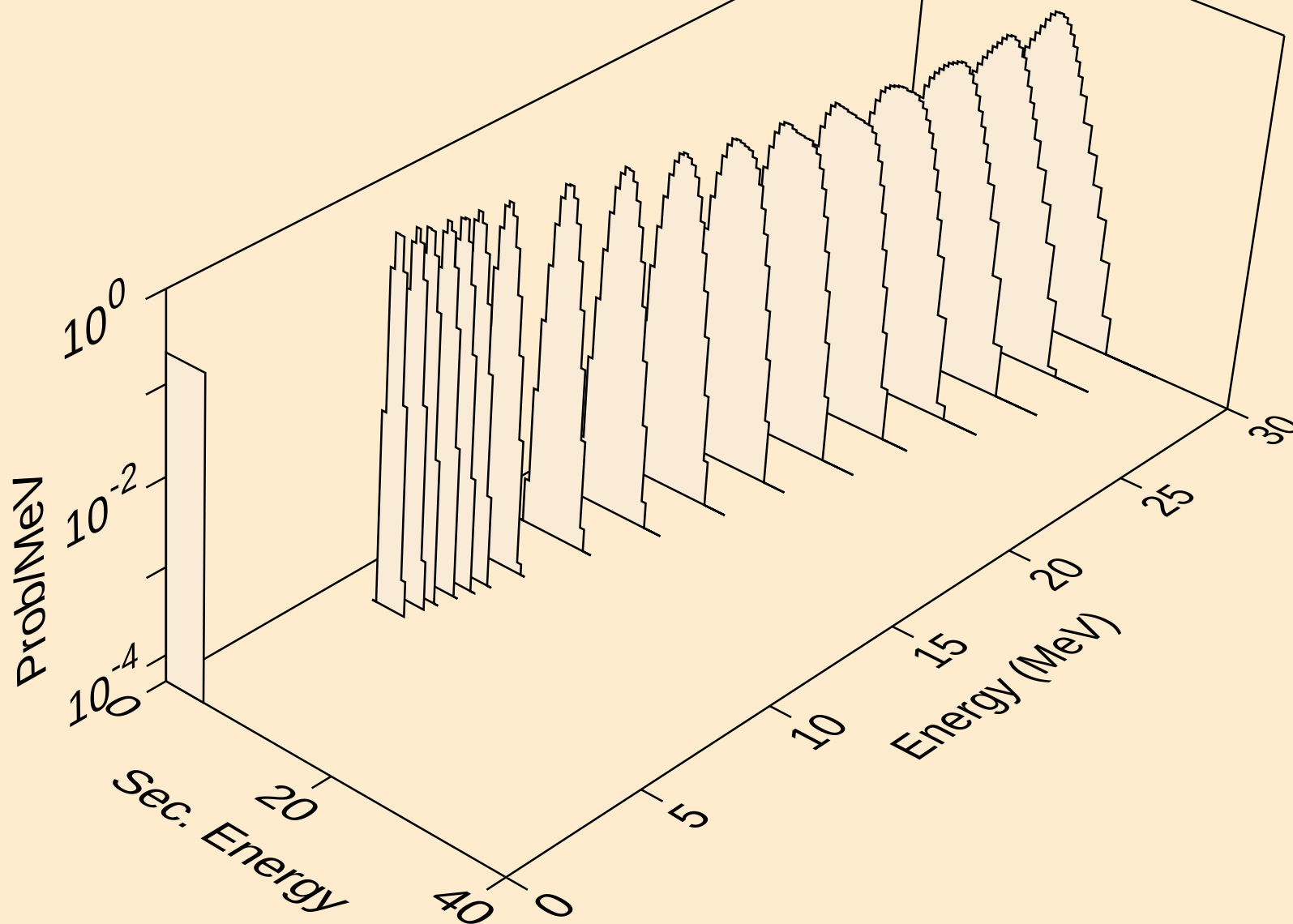
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



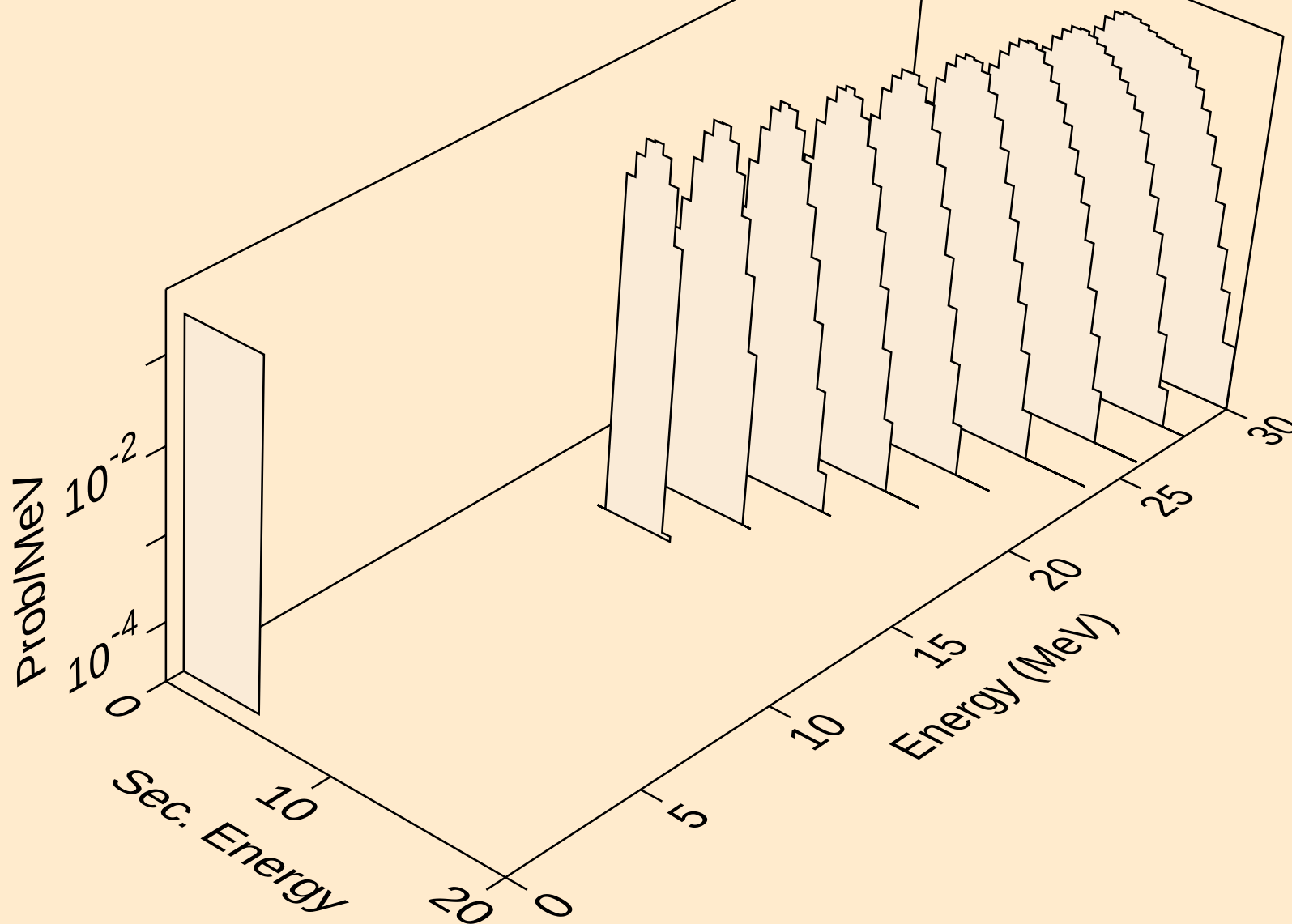
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



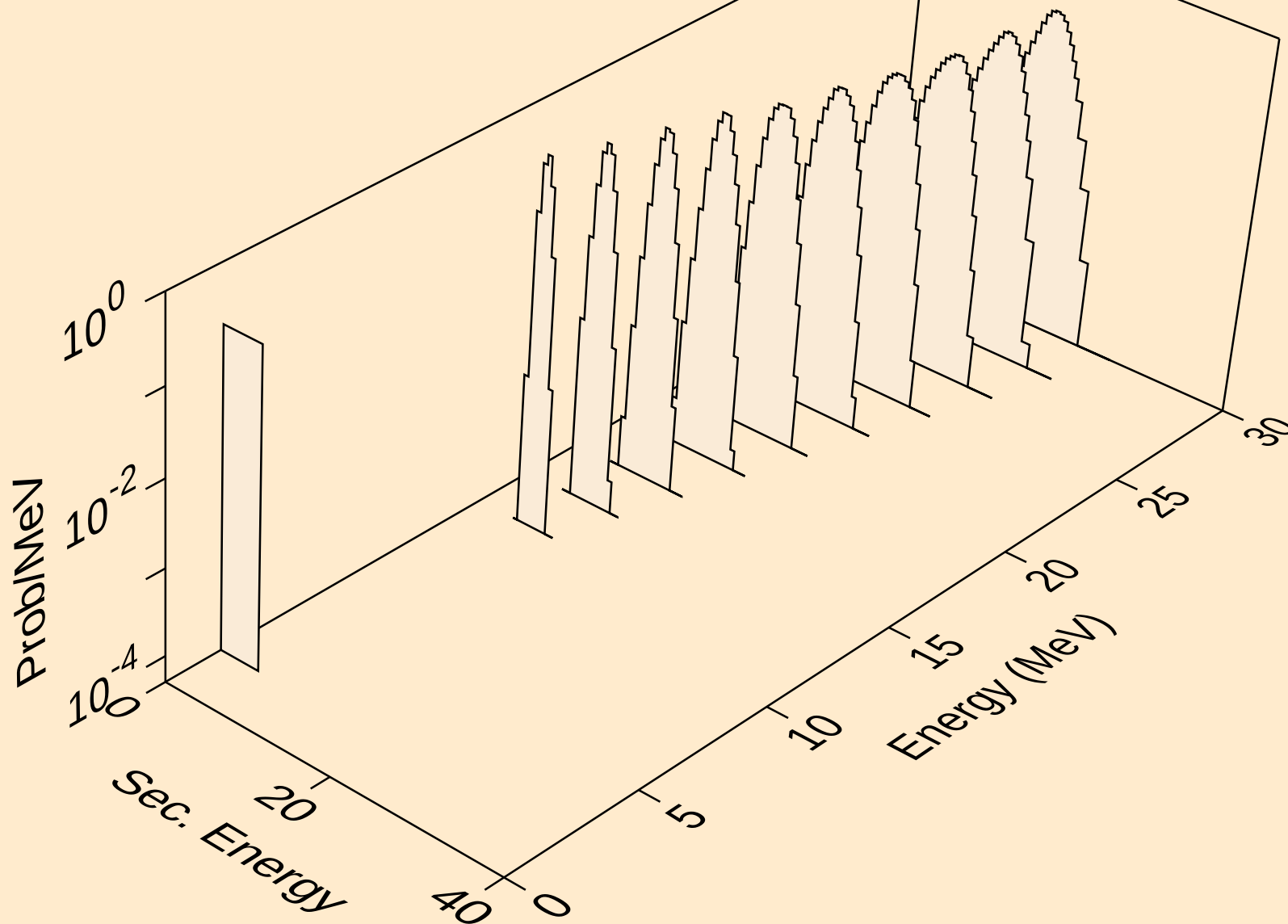
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



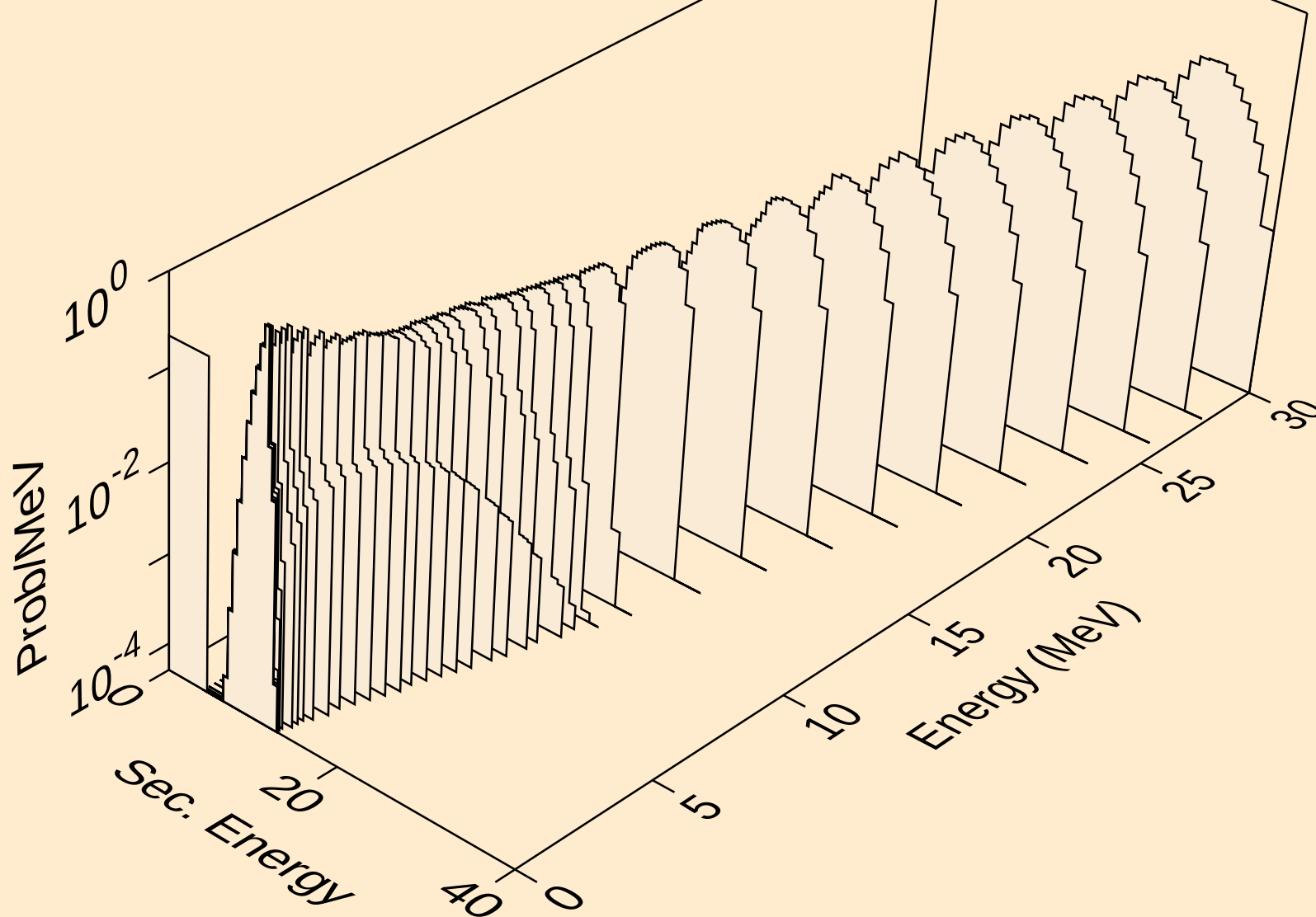
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



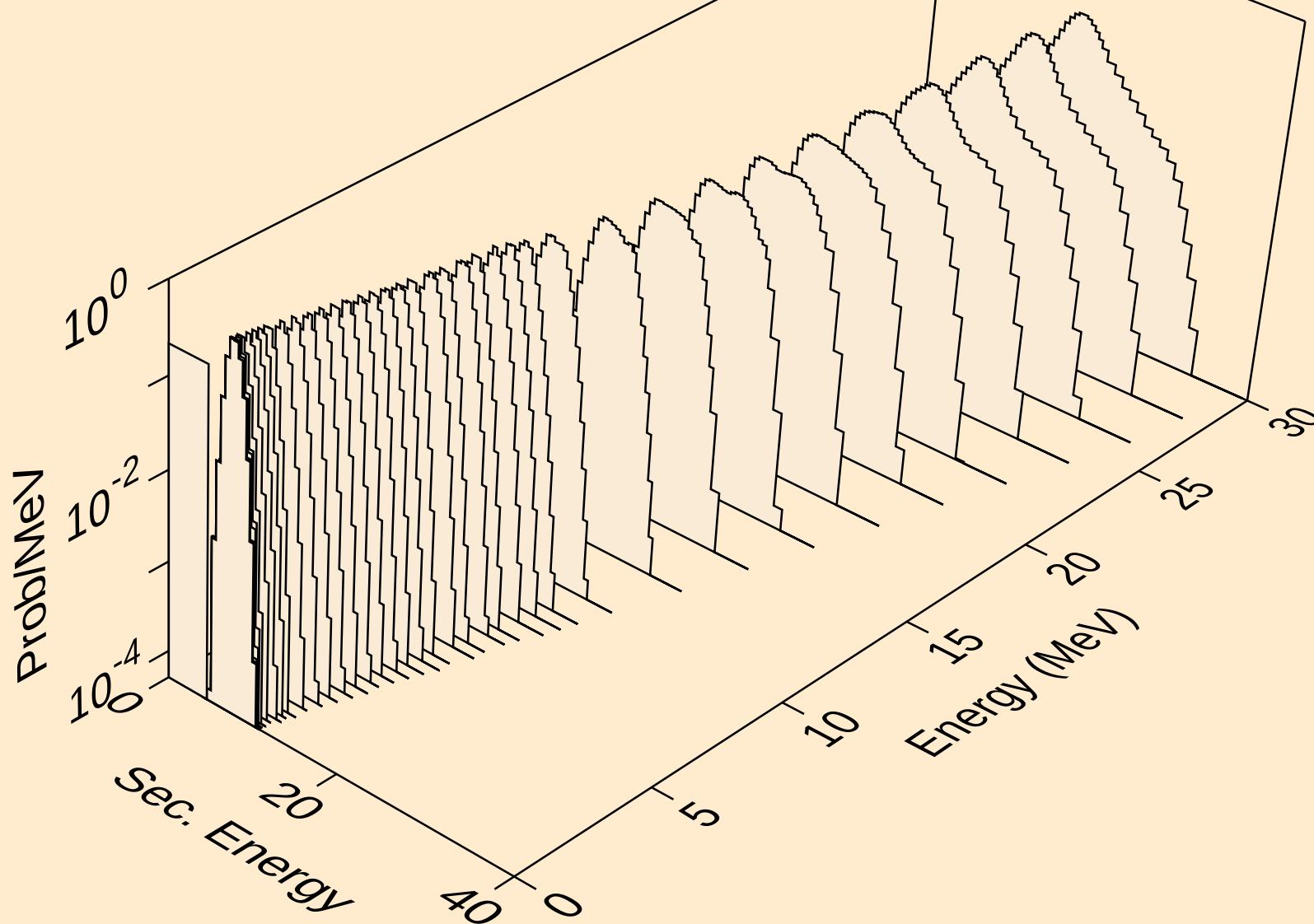
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



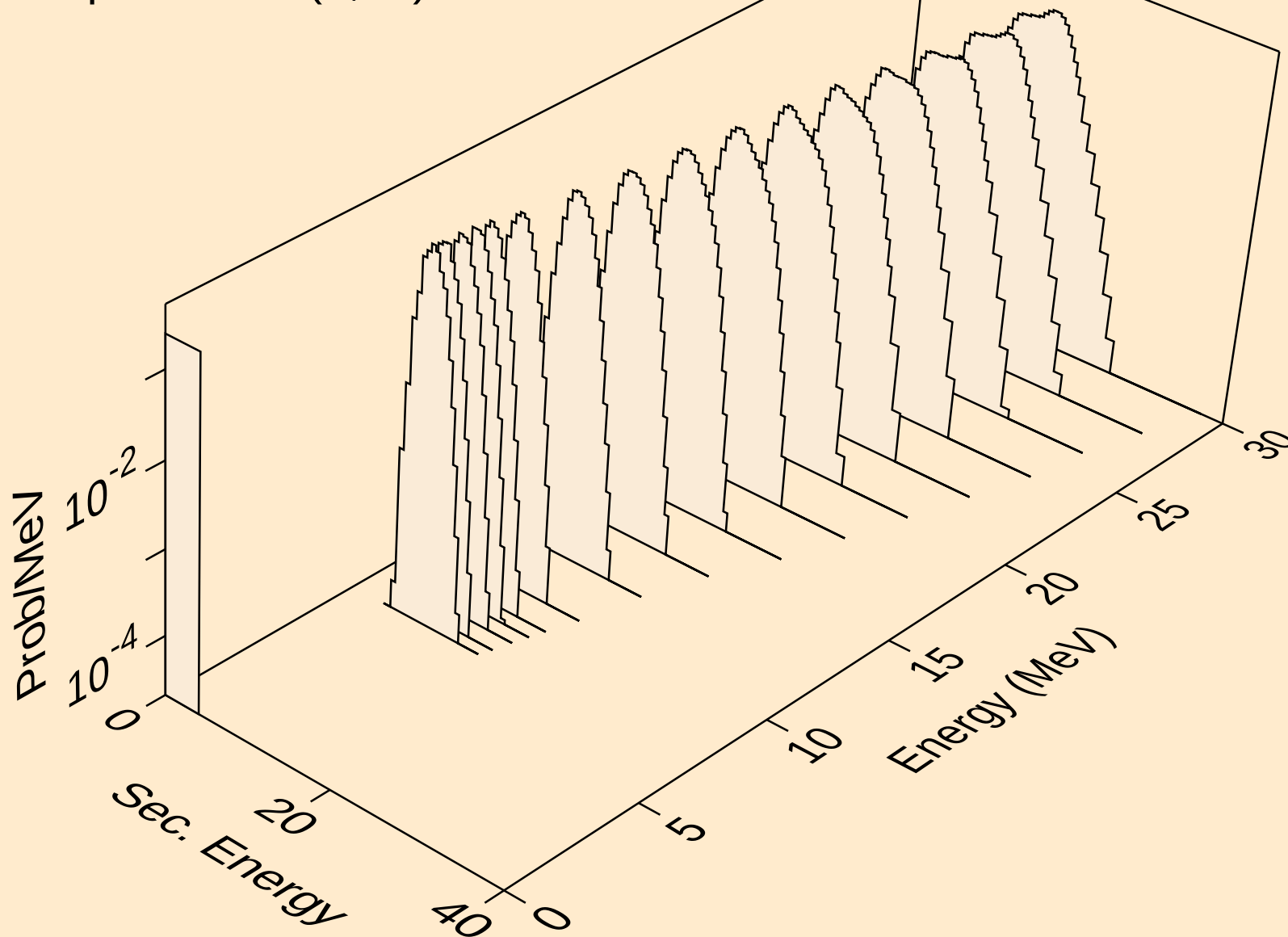
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



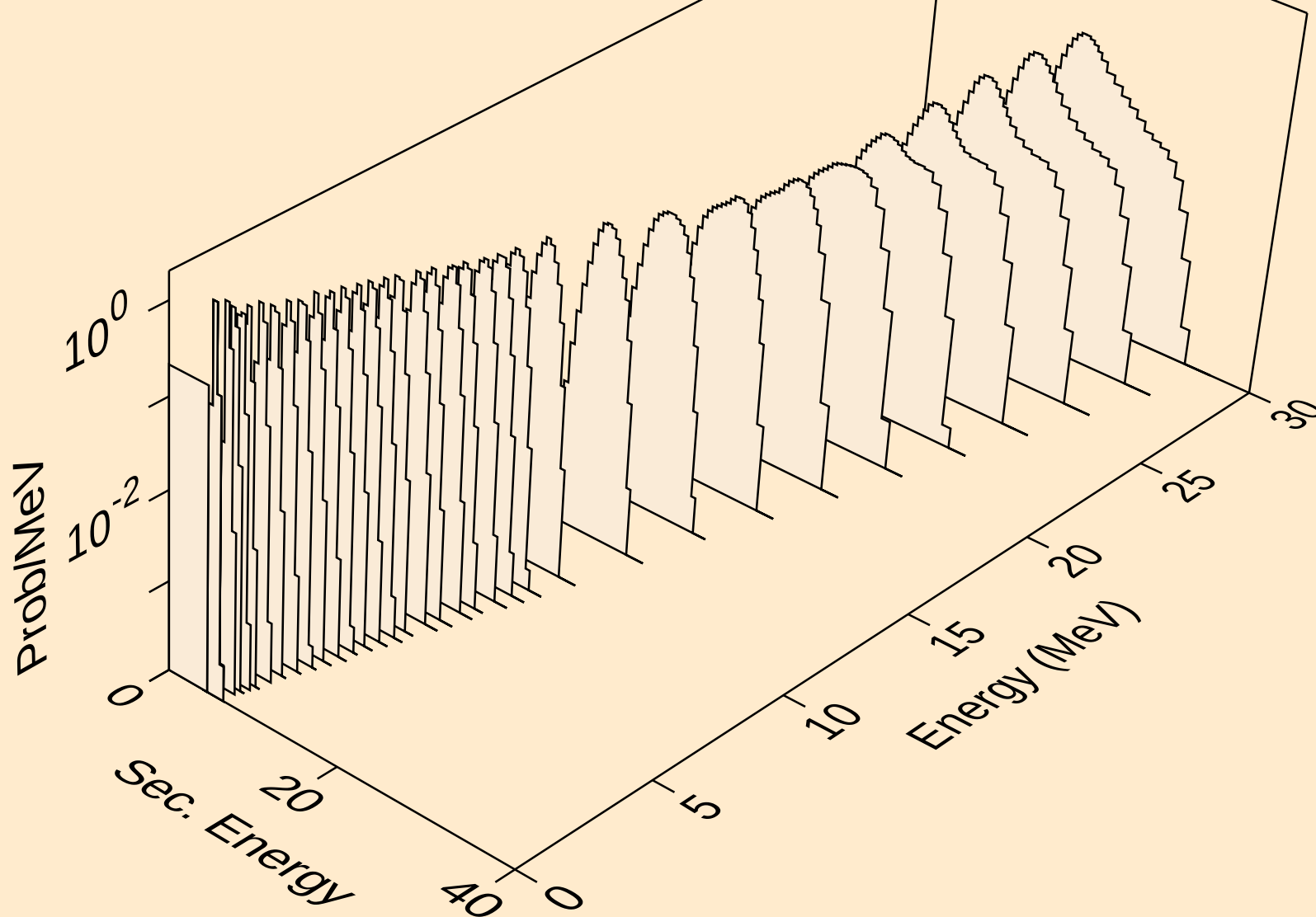
YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



YB161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

