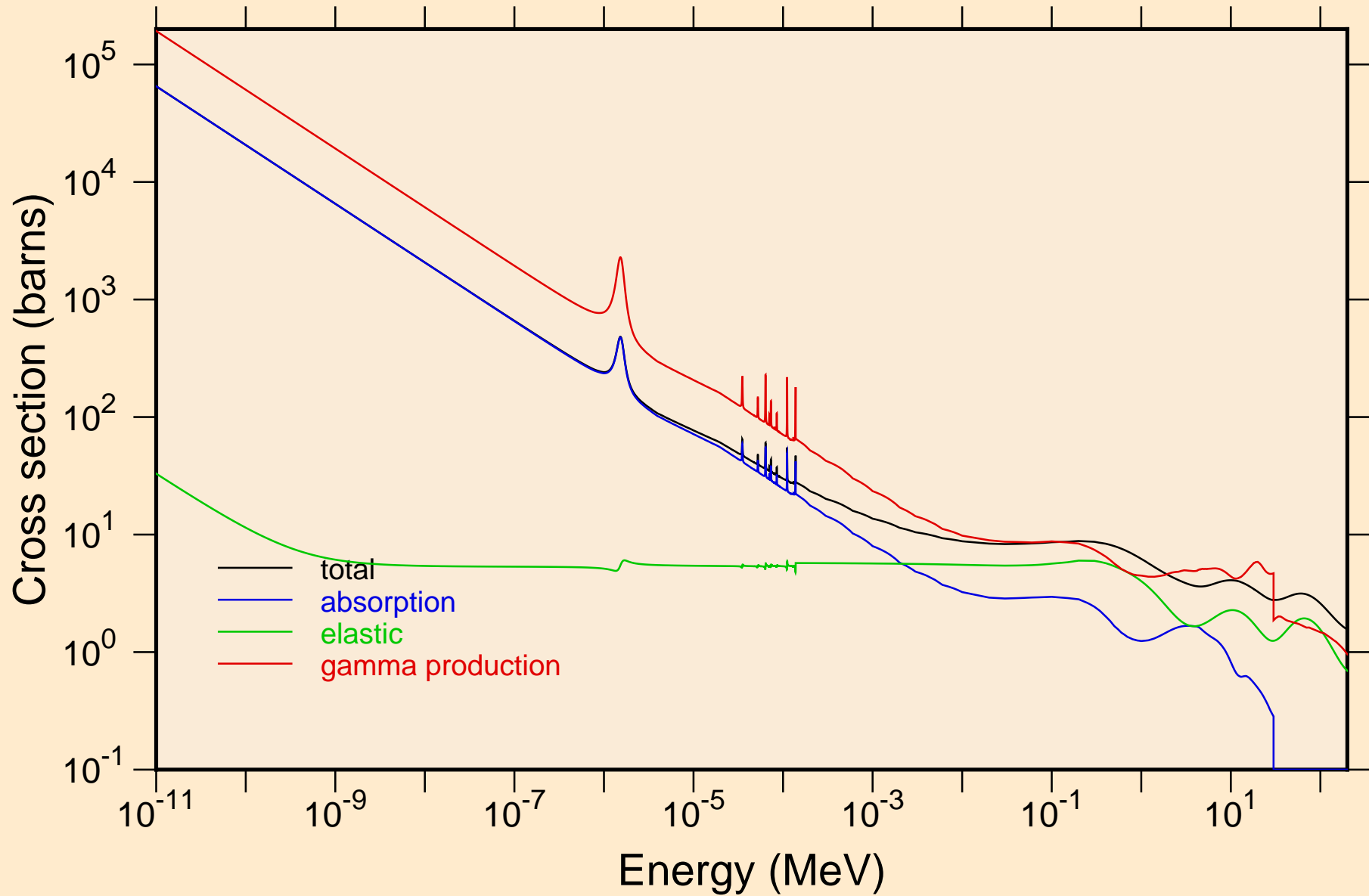
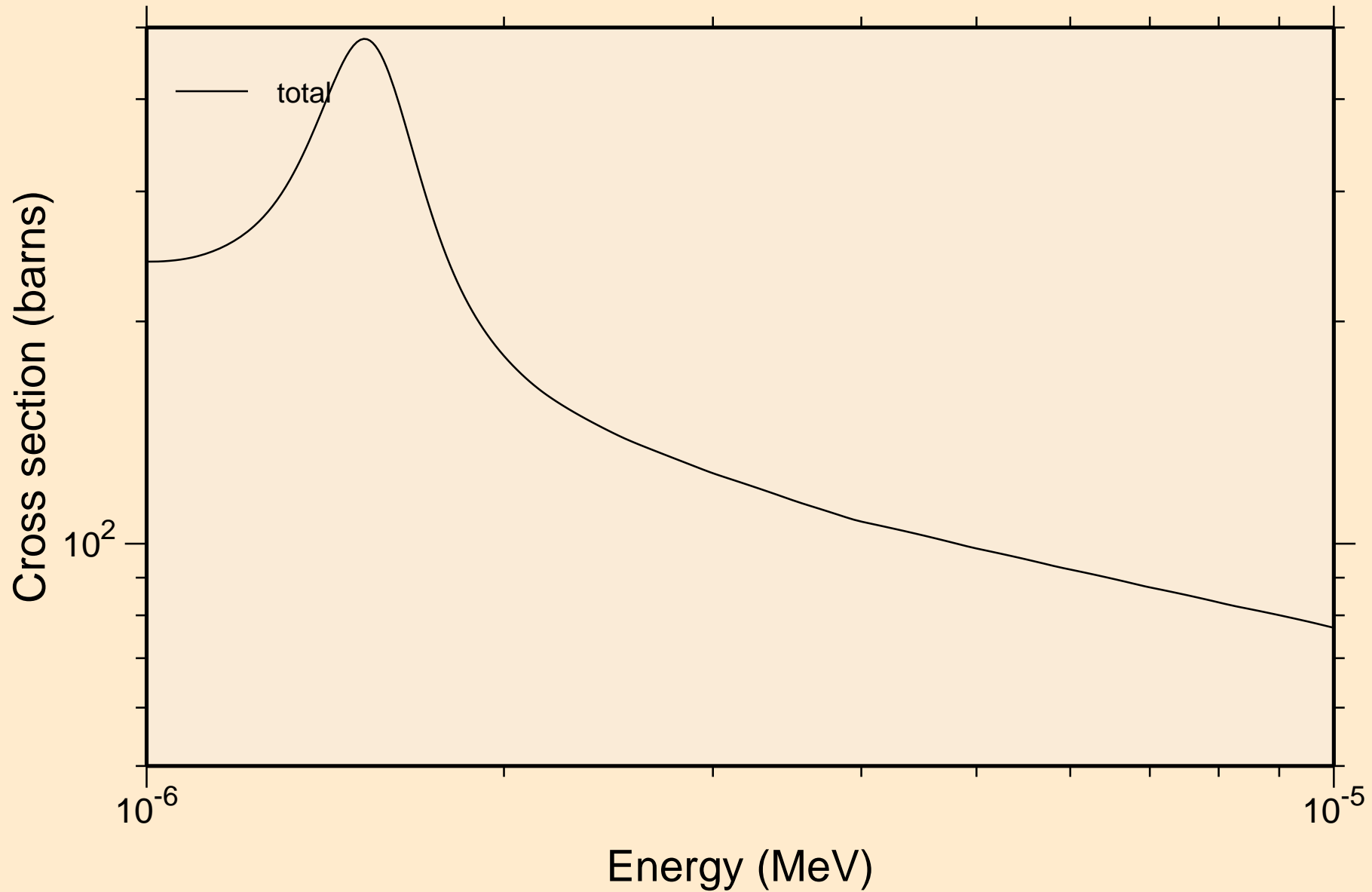


# NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

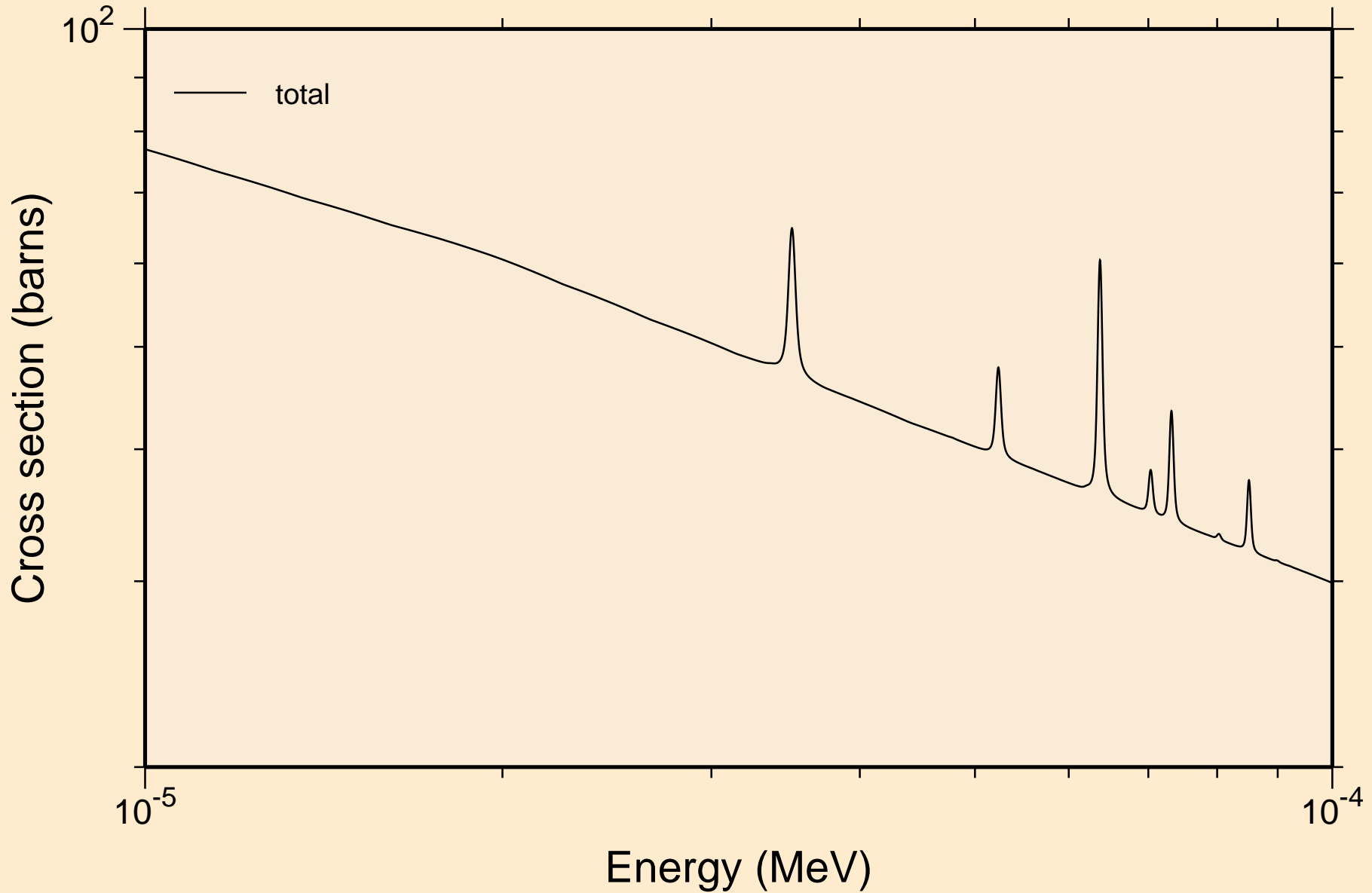
## Principal cross sections



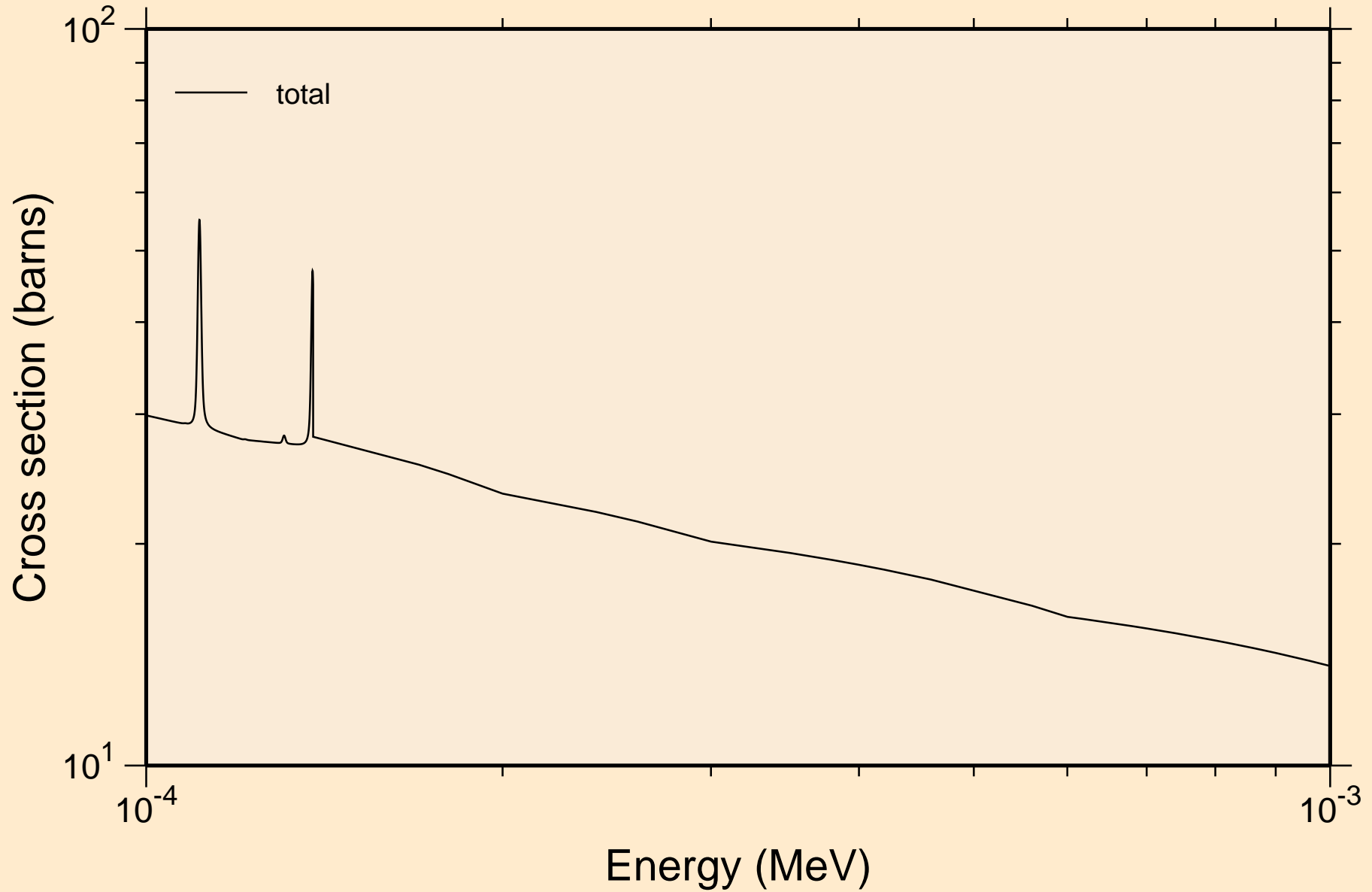
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



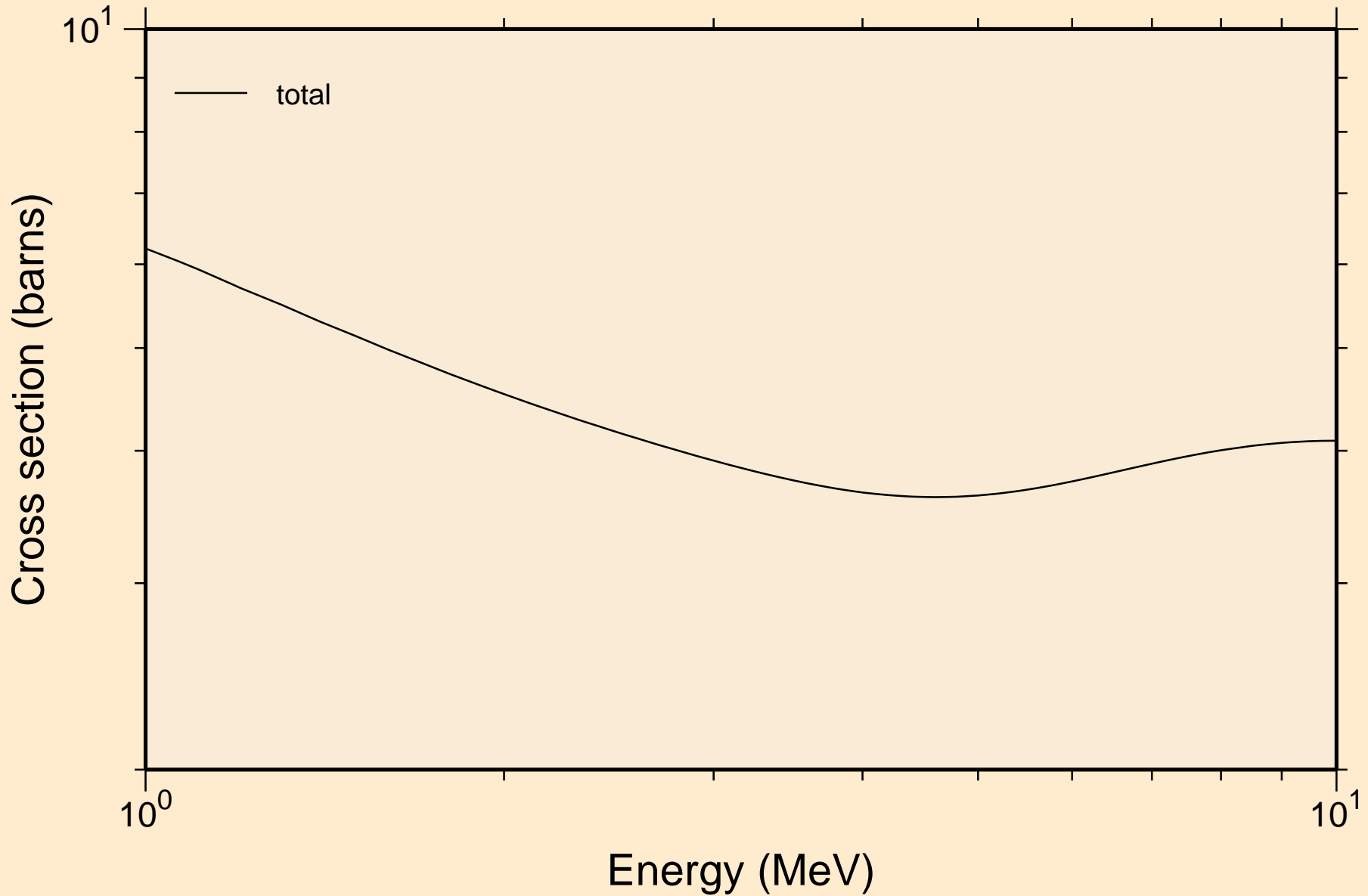
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



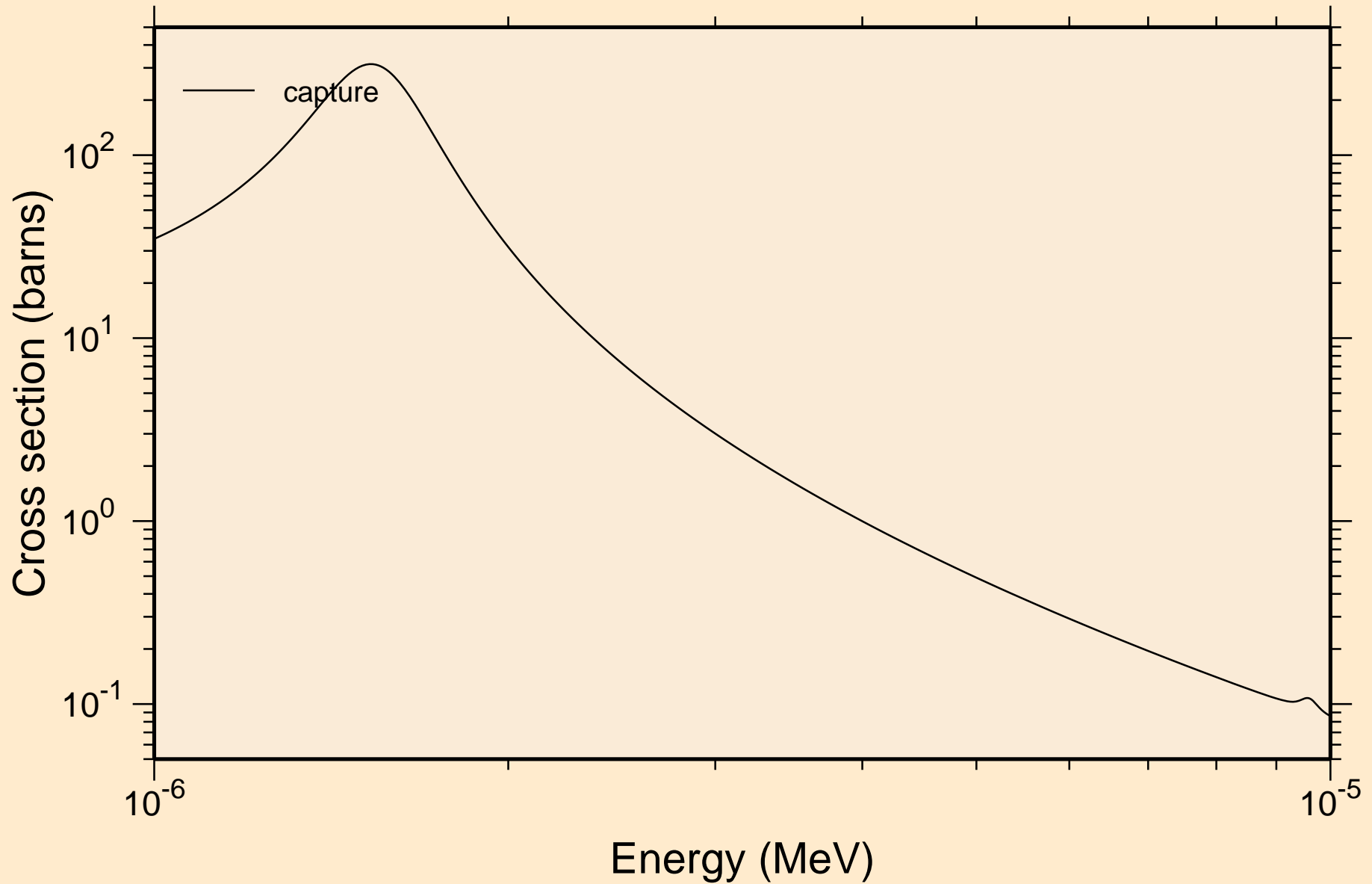
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



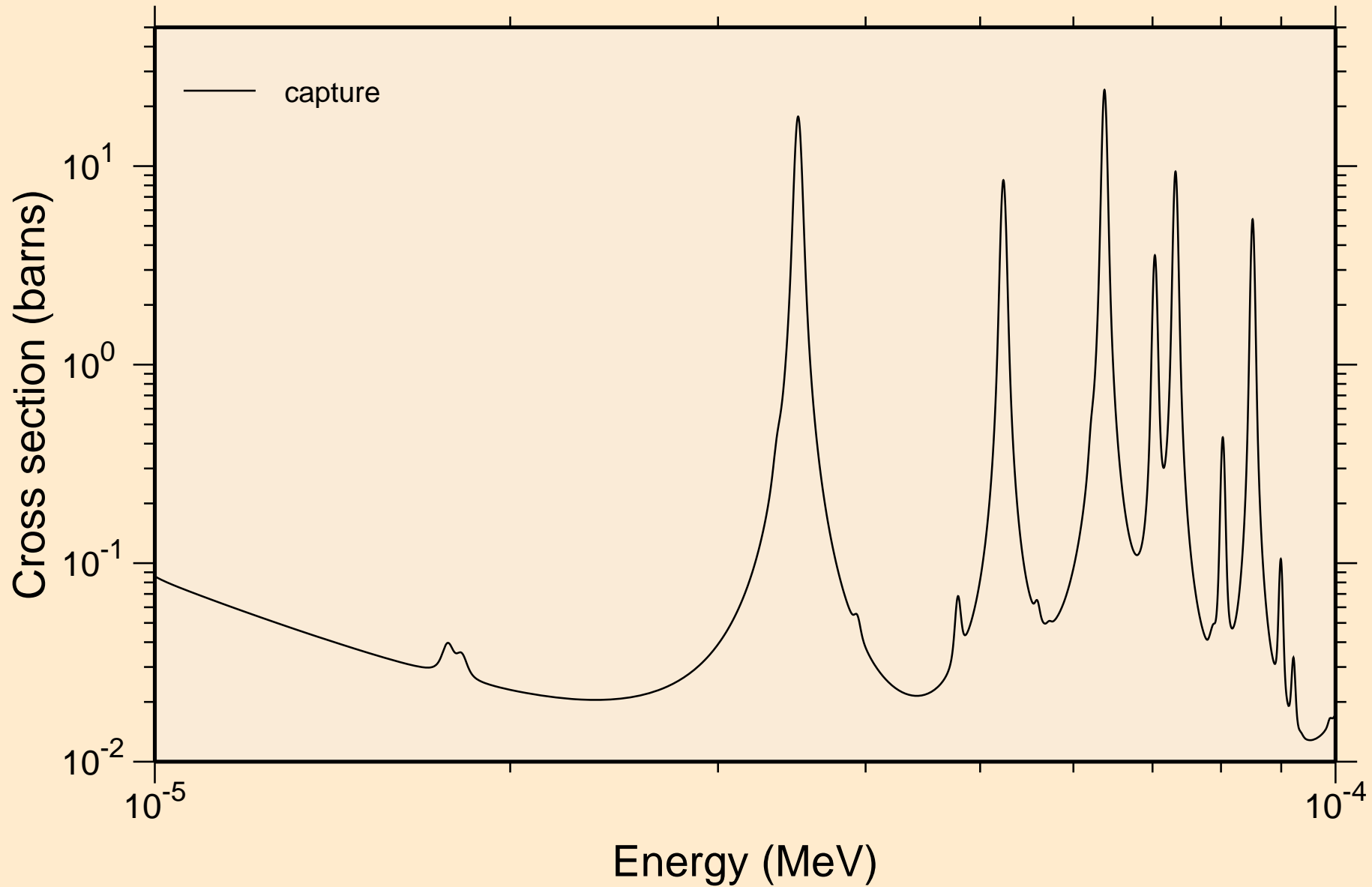
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



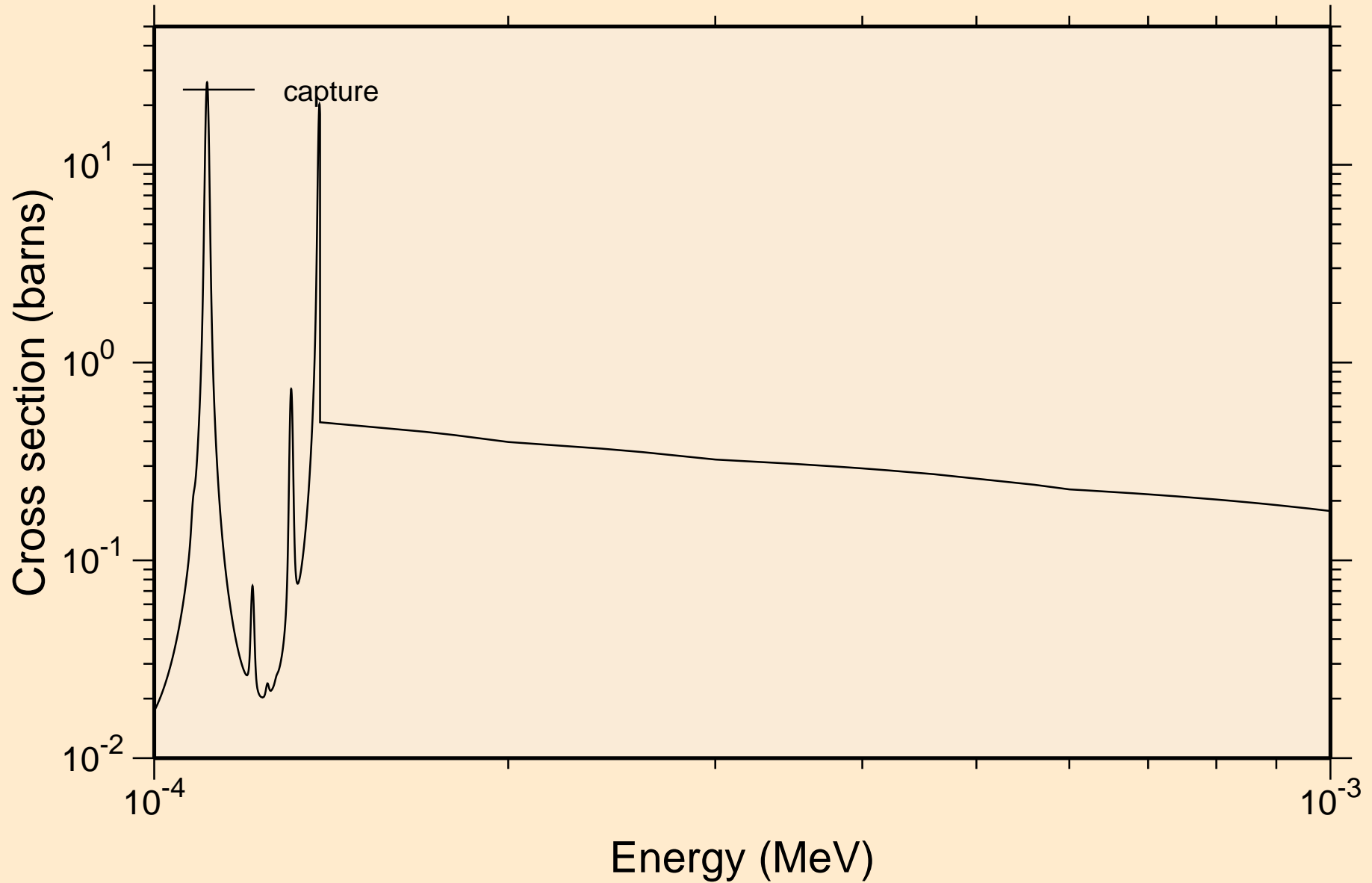
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



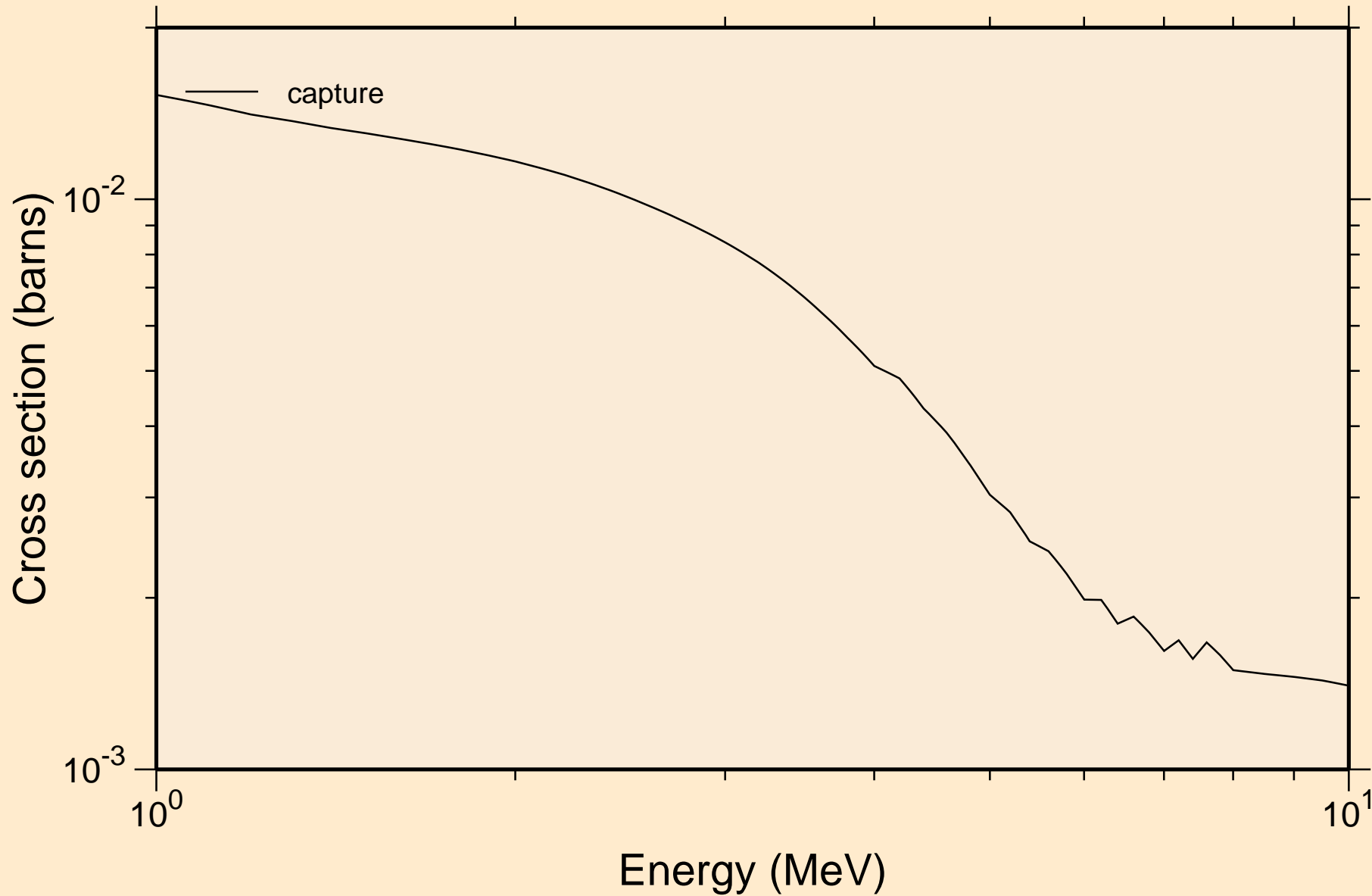
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



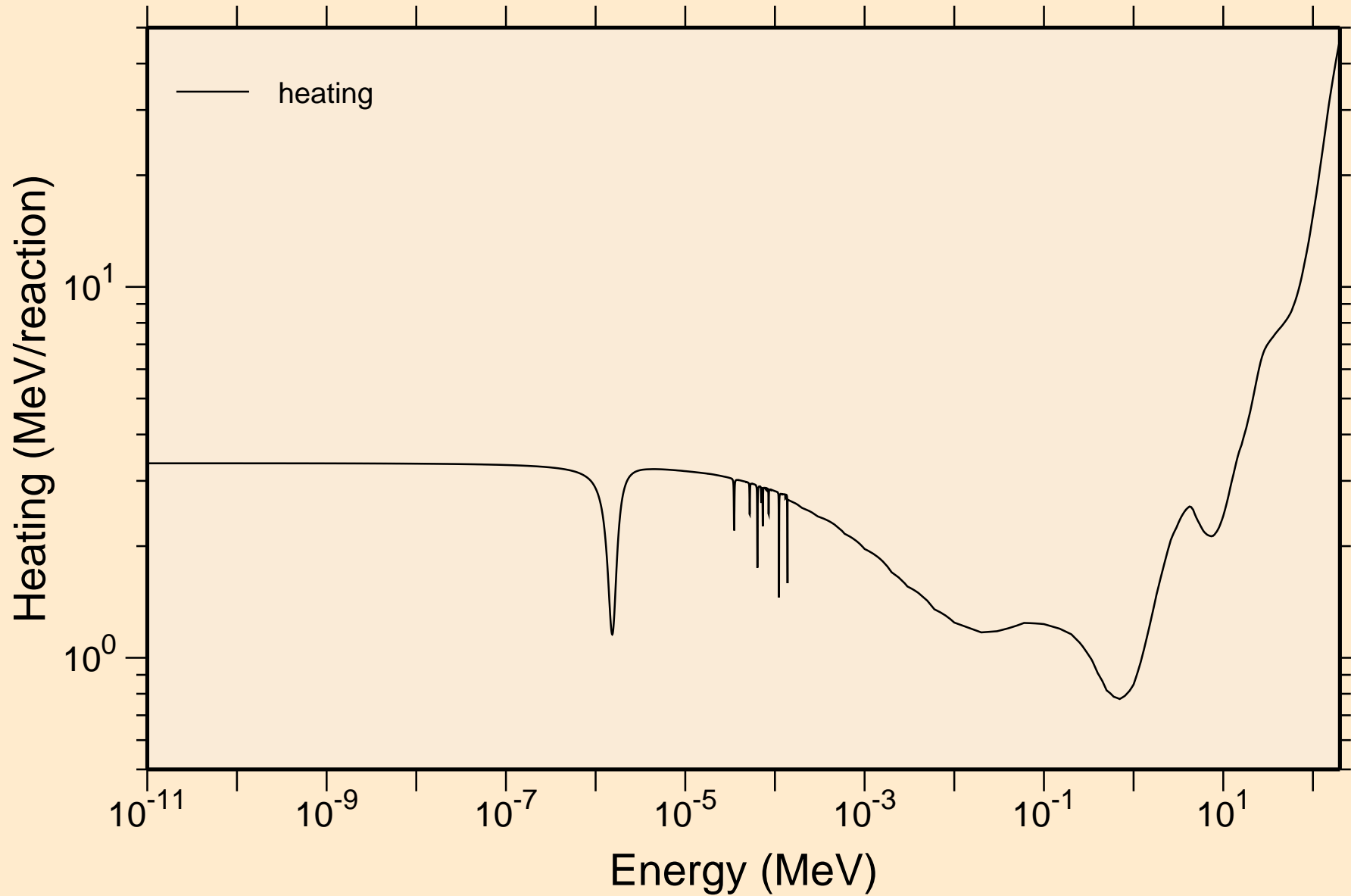
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



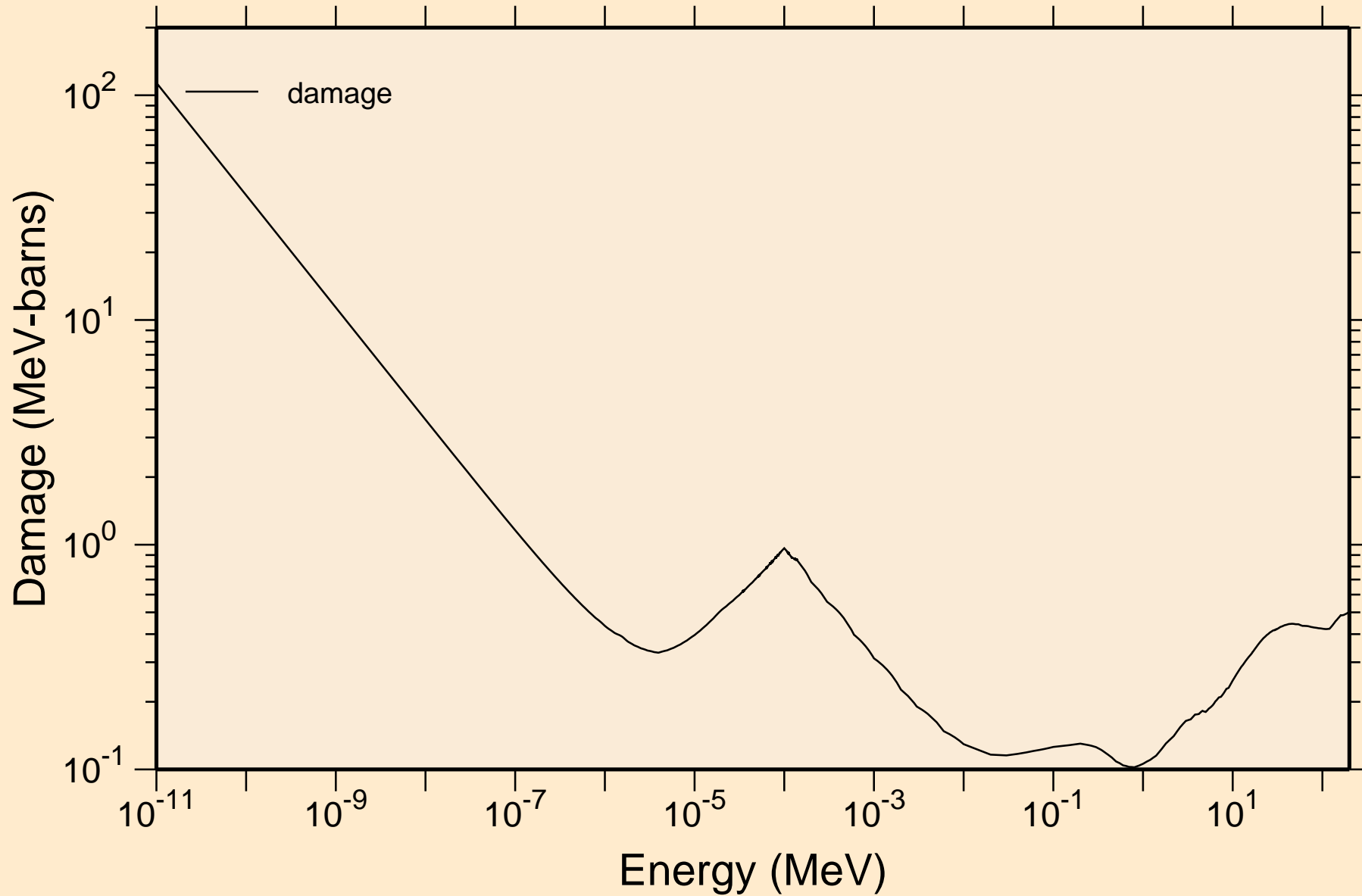
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

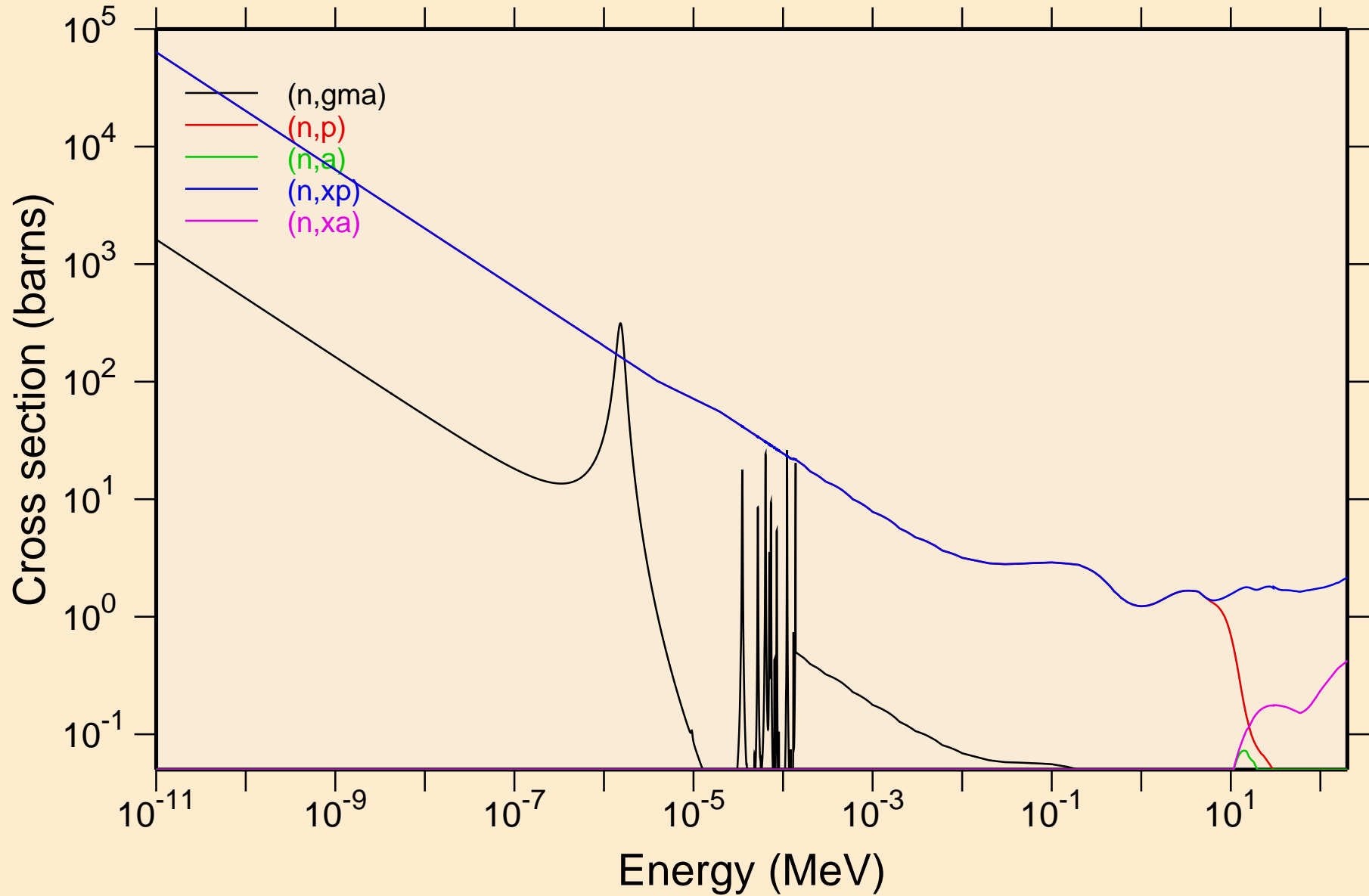


NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

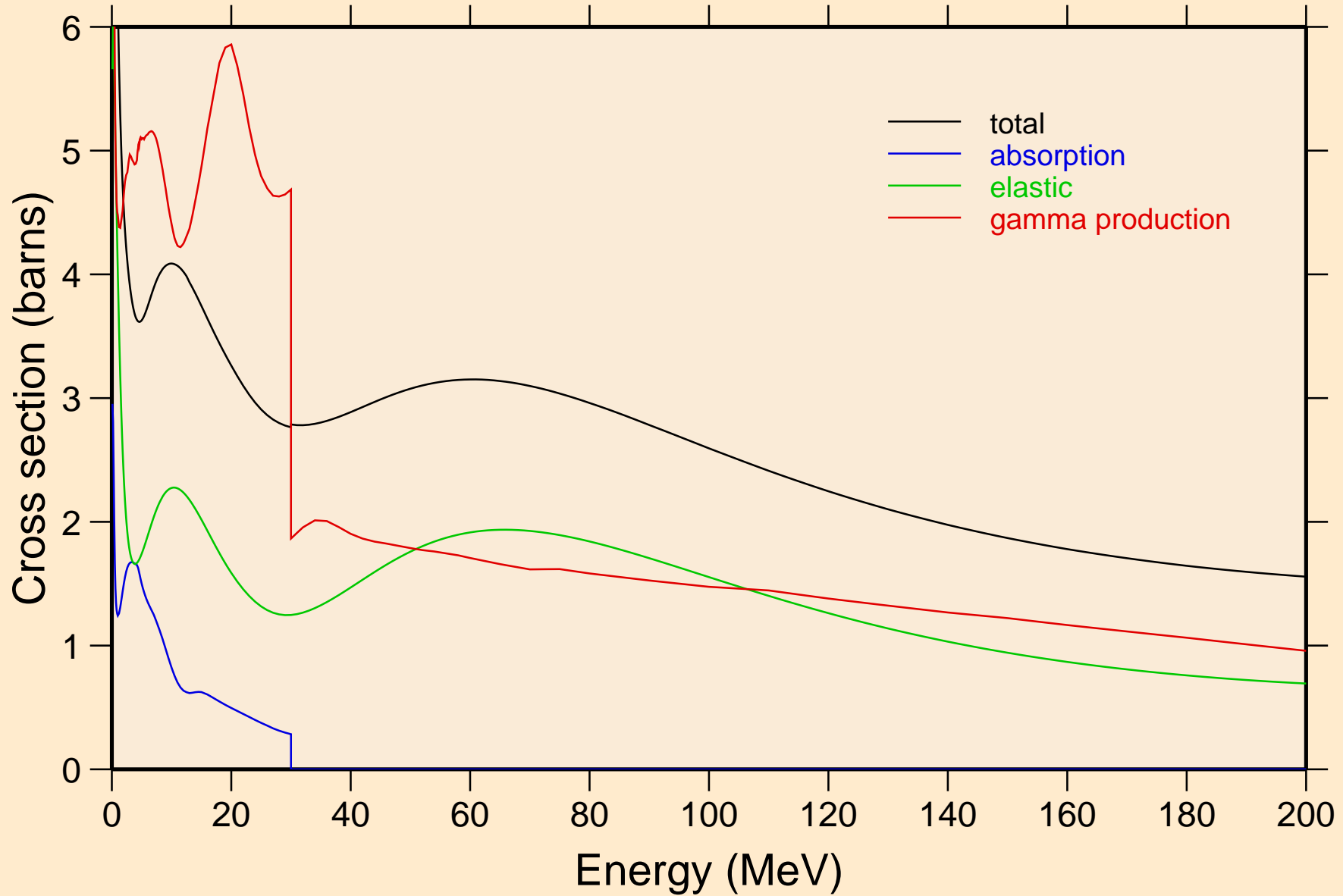


# NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

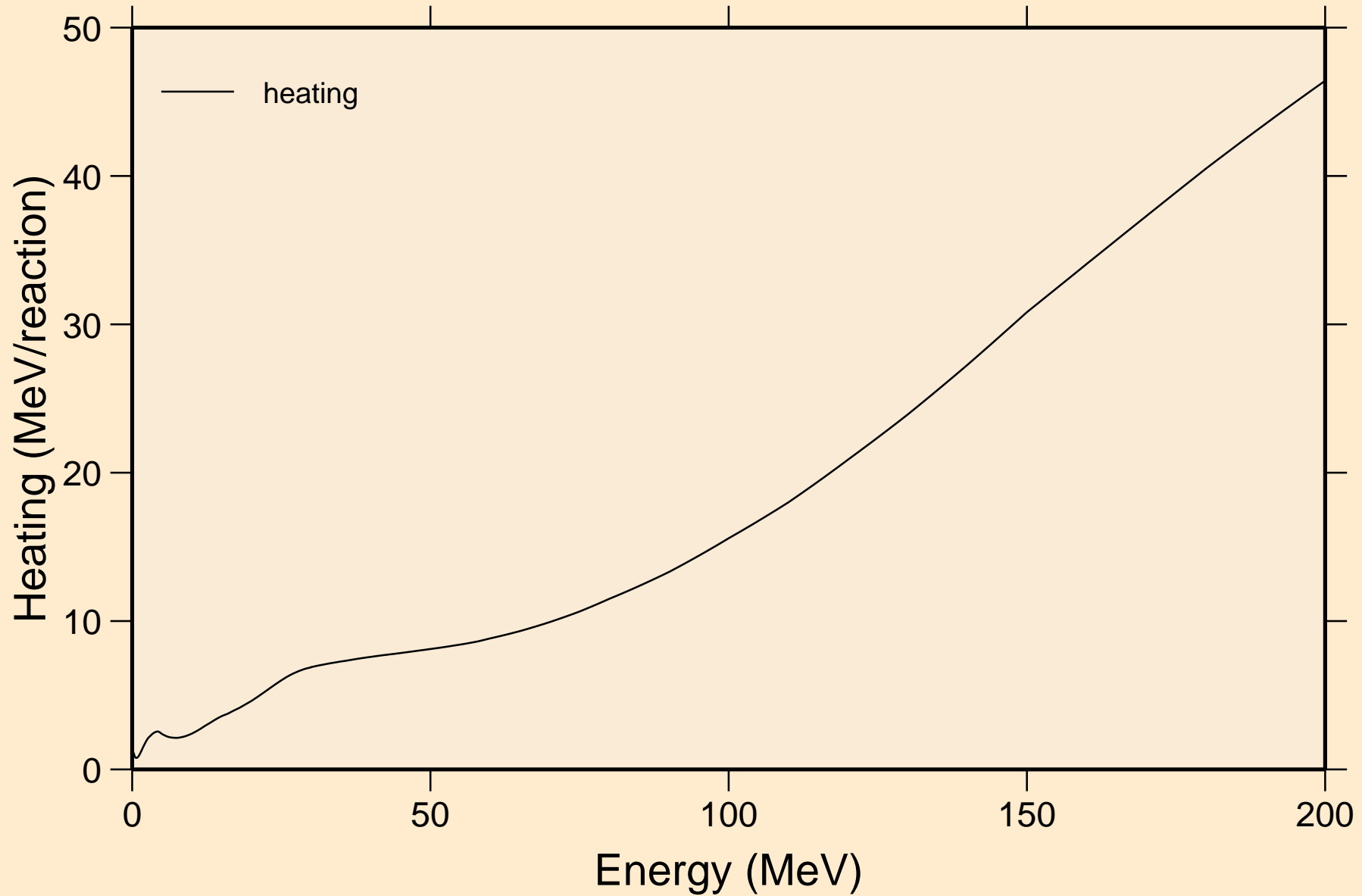
## Non-threshold reactions



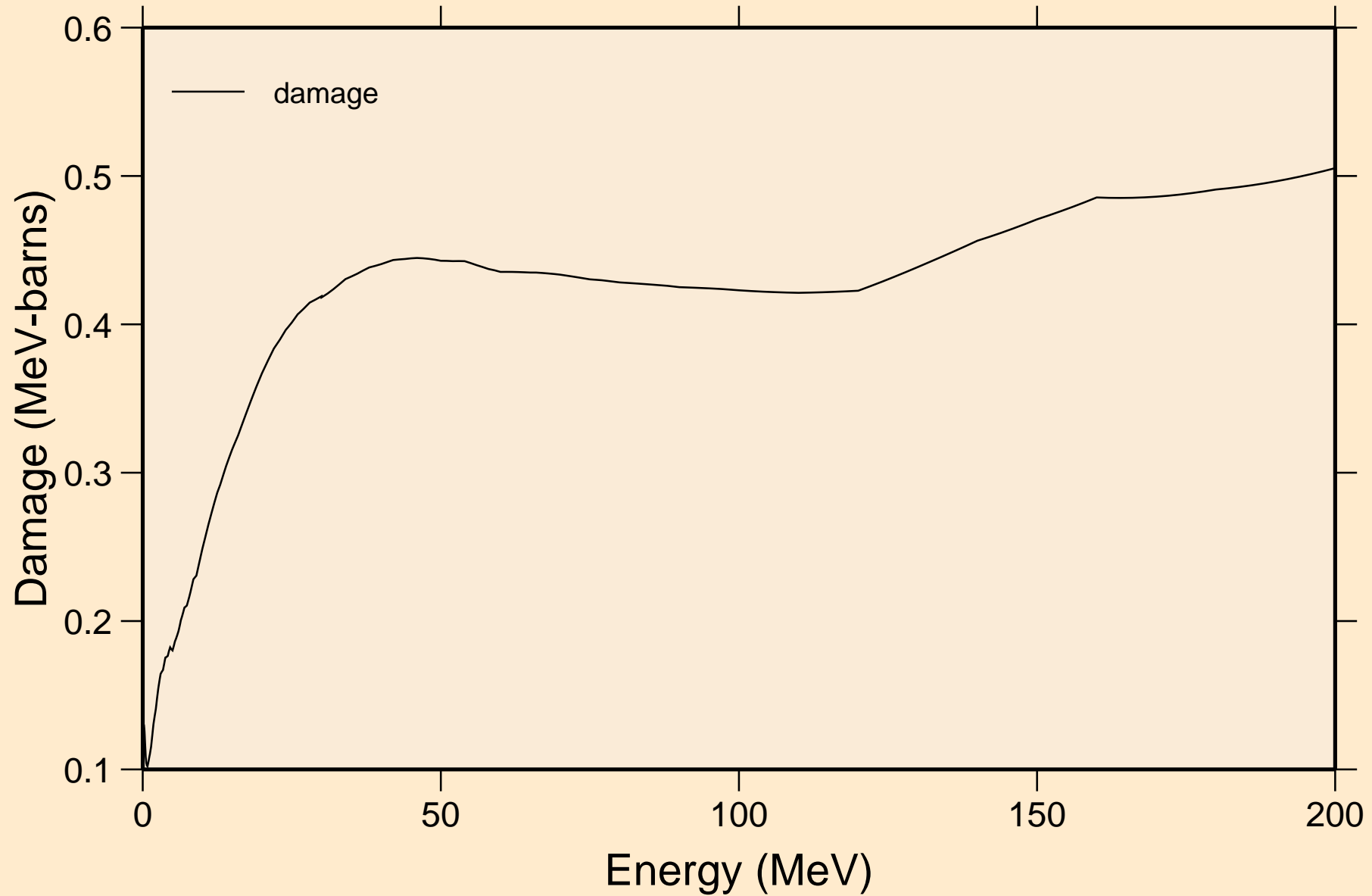
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



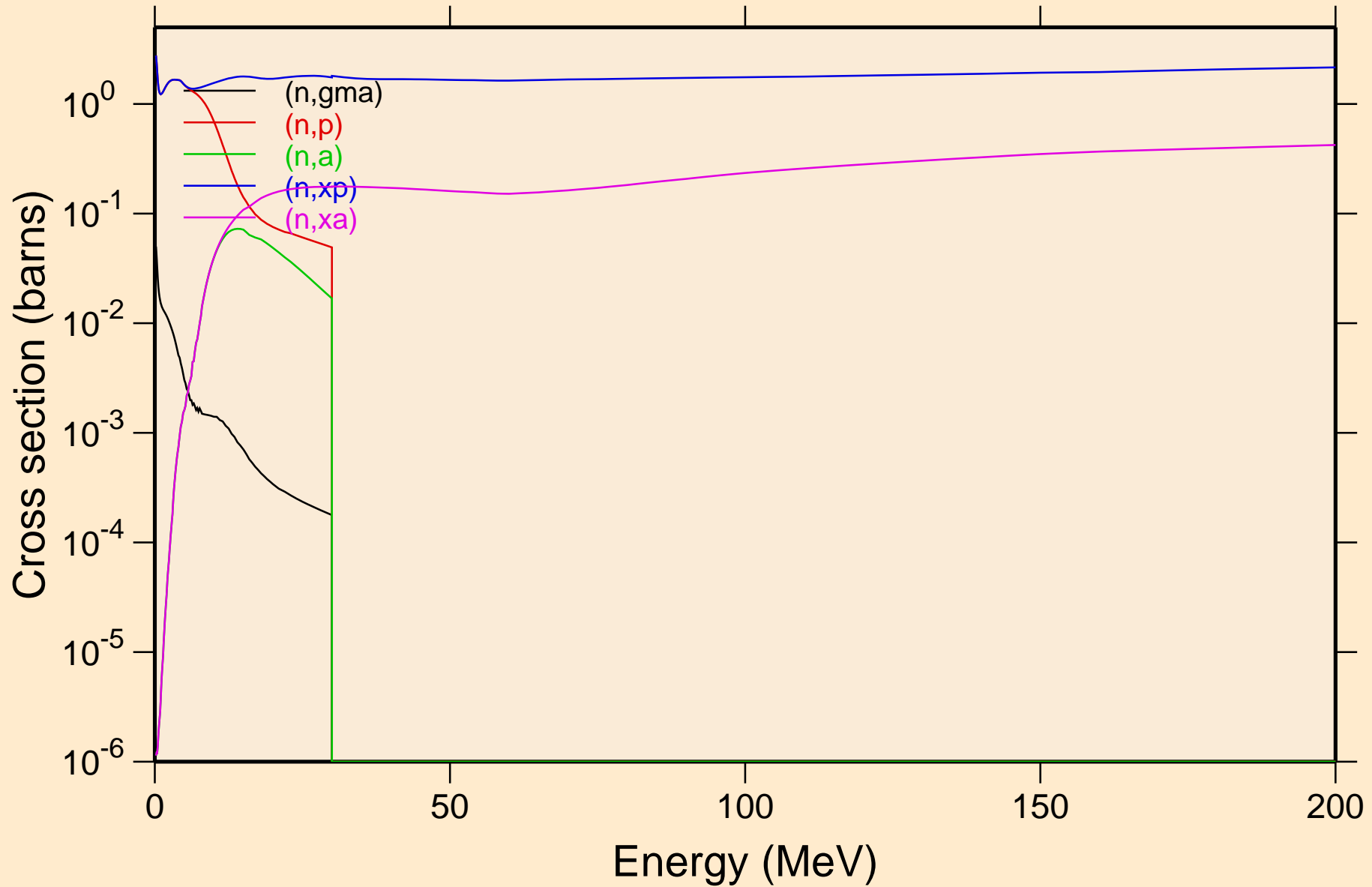
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



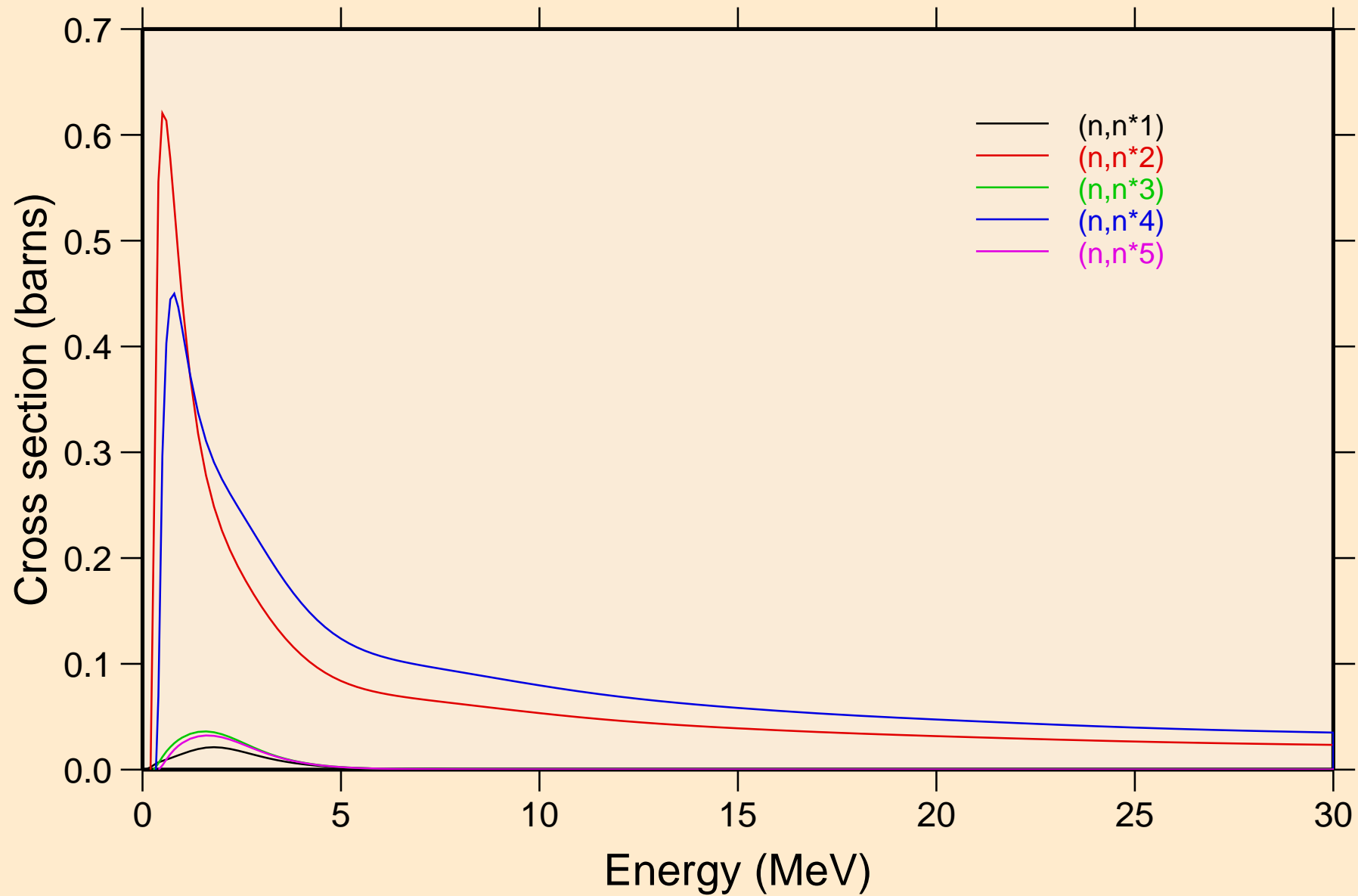
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



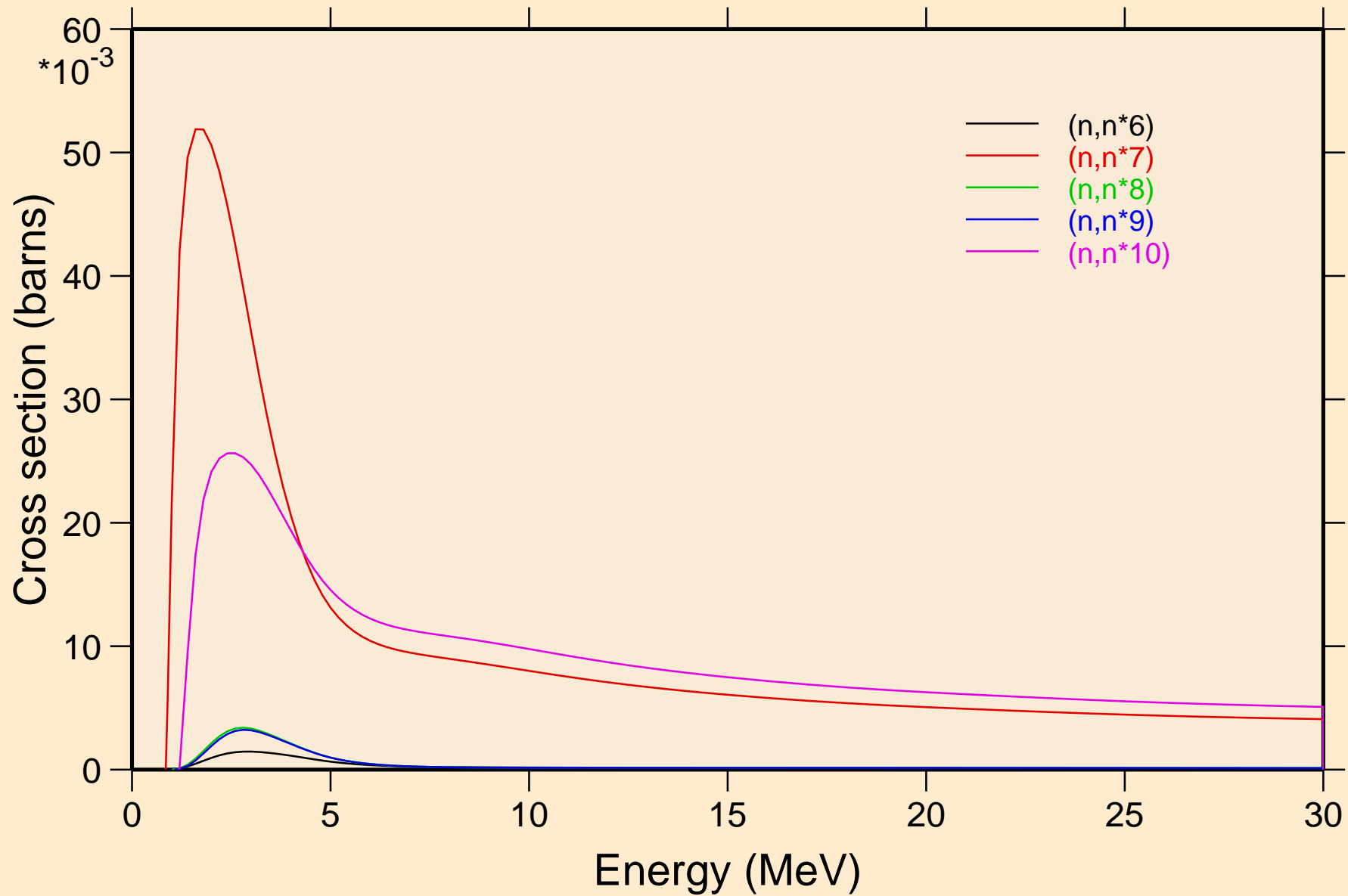
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



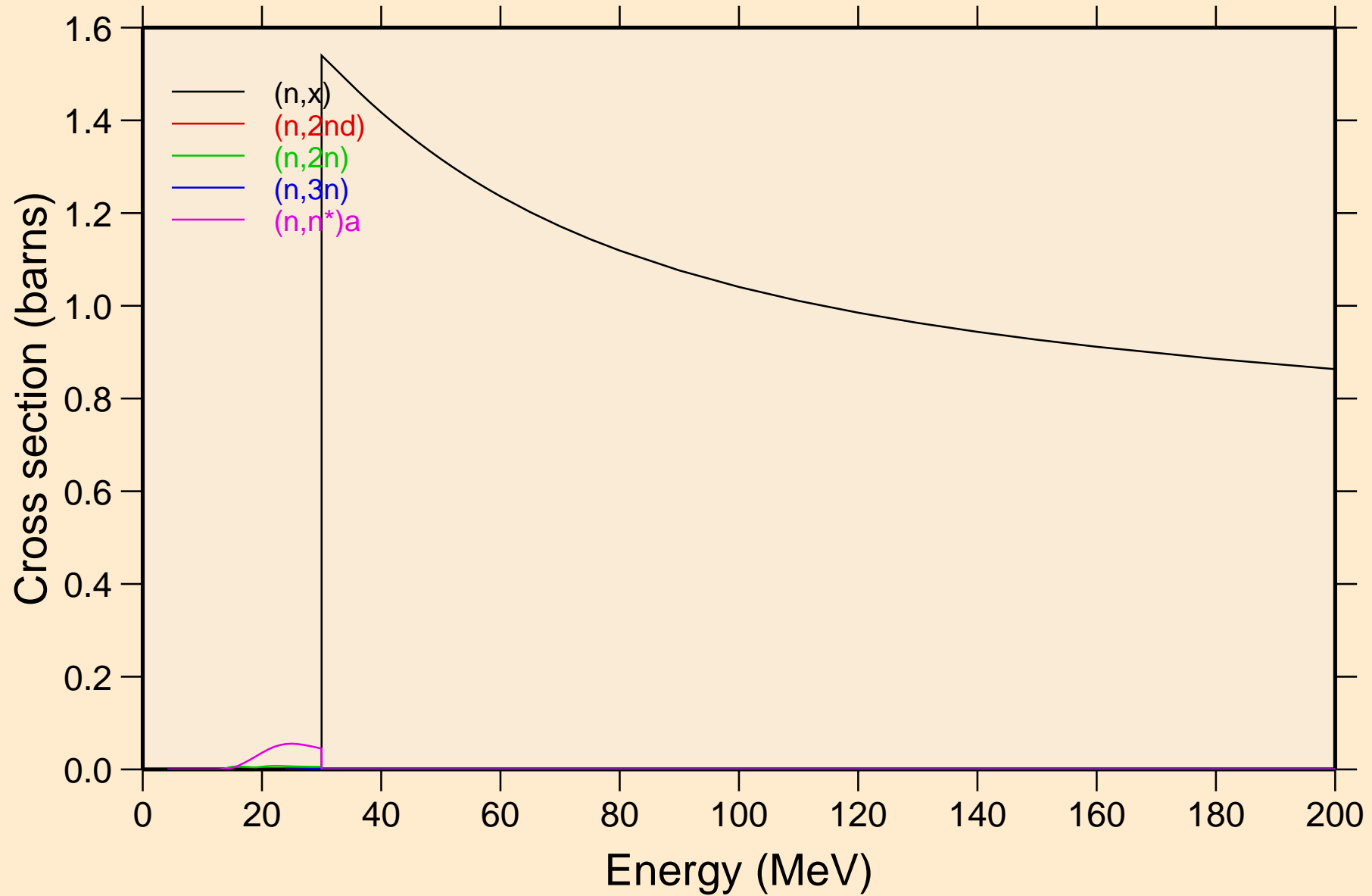
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



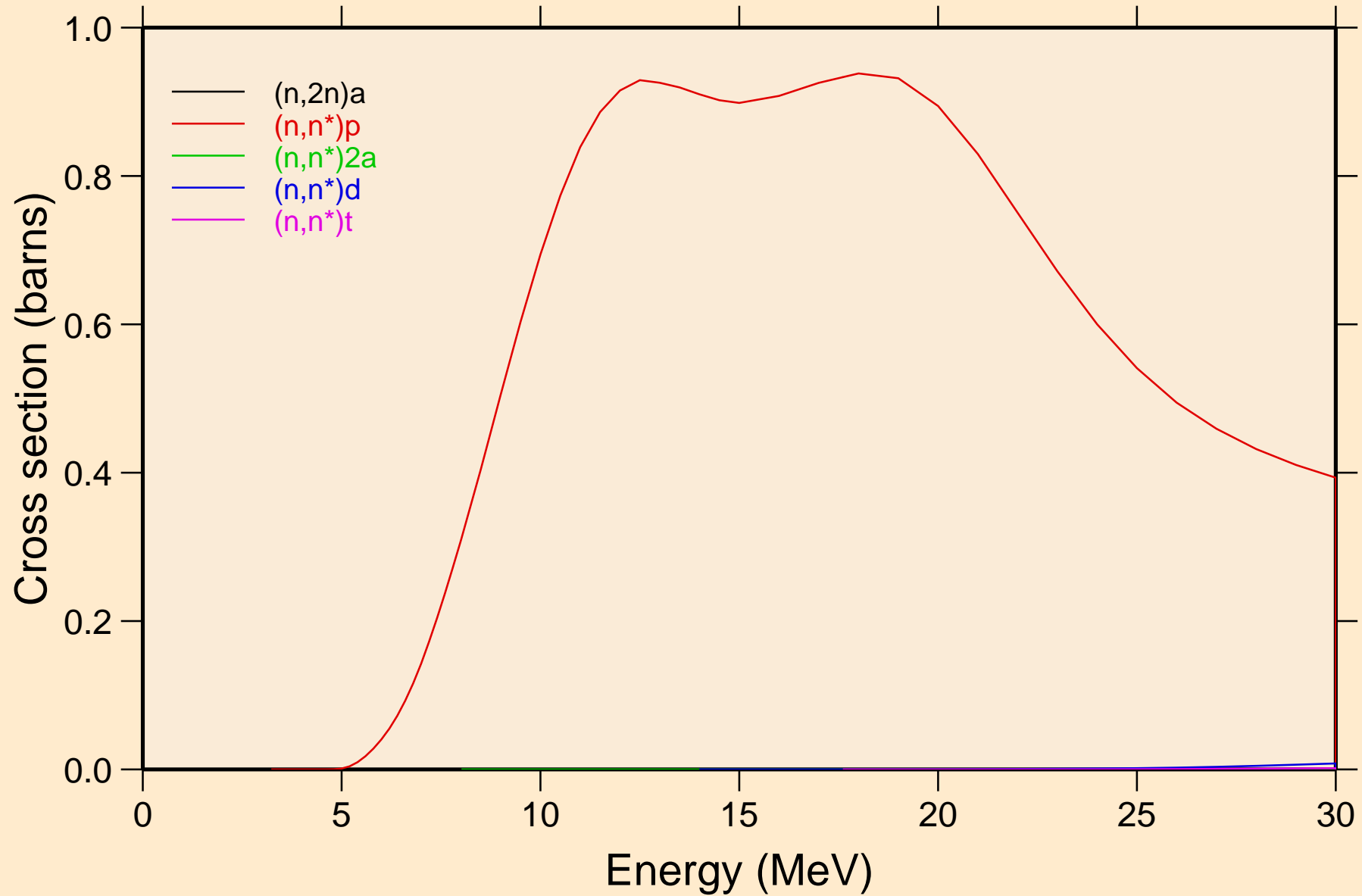
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



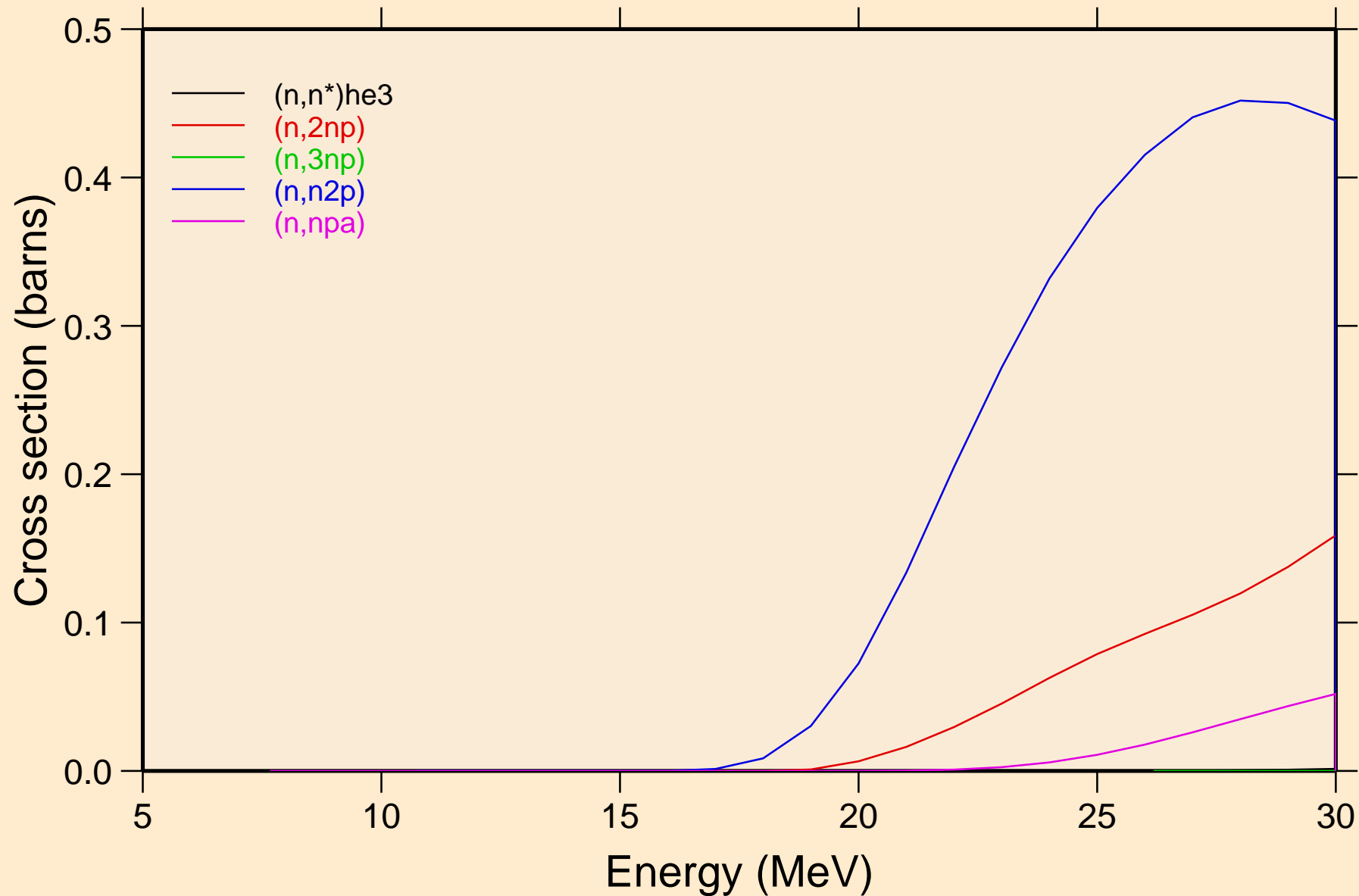
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

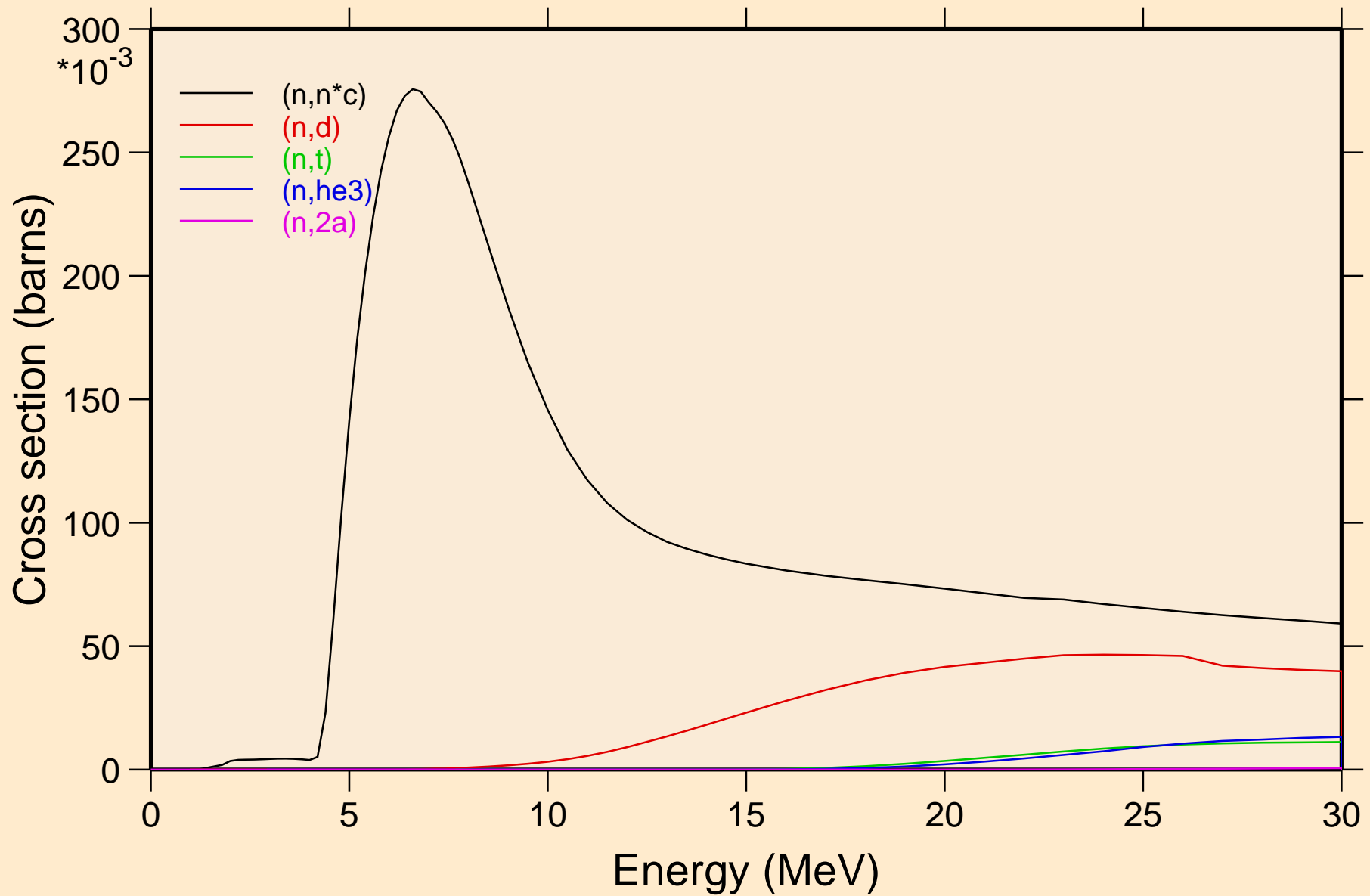


NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



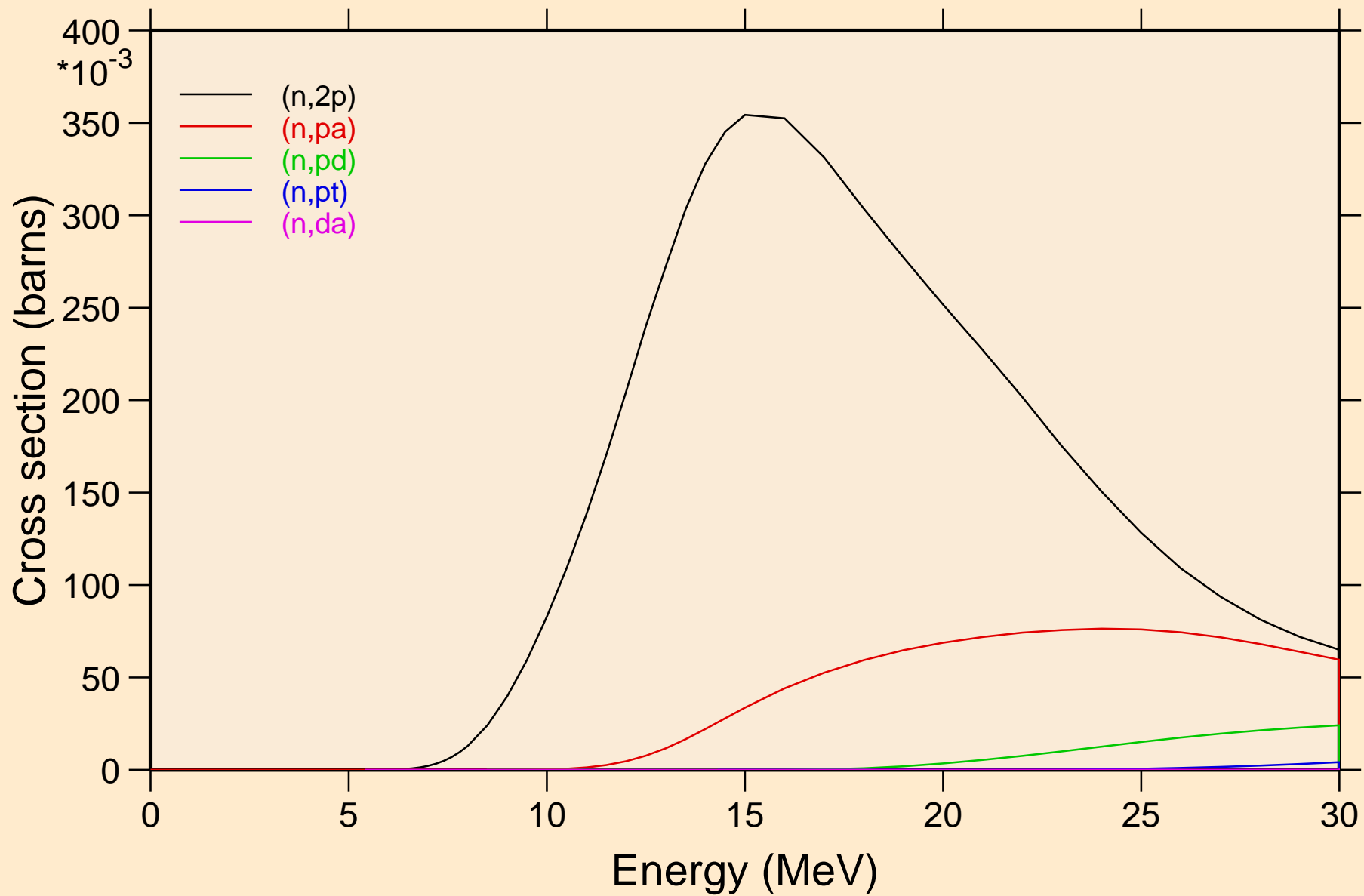
# NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

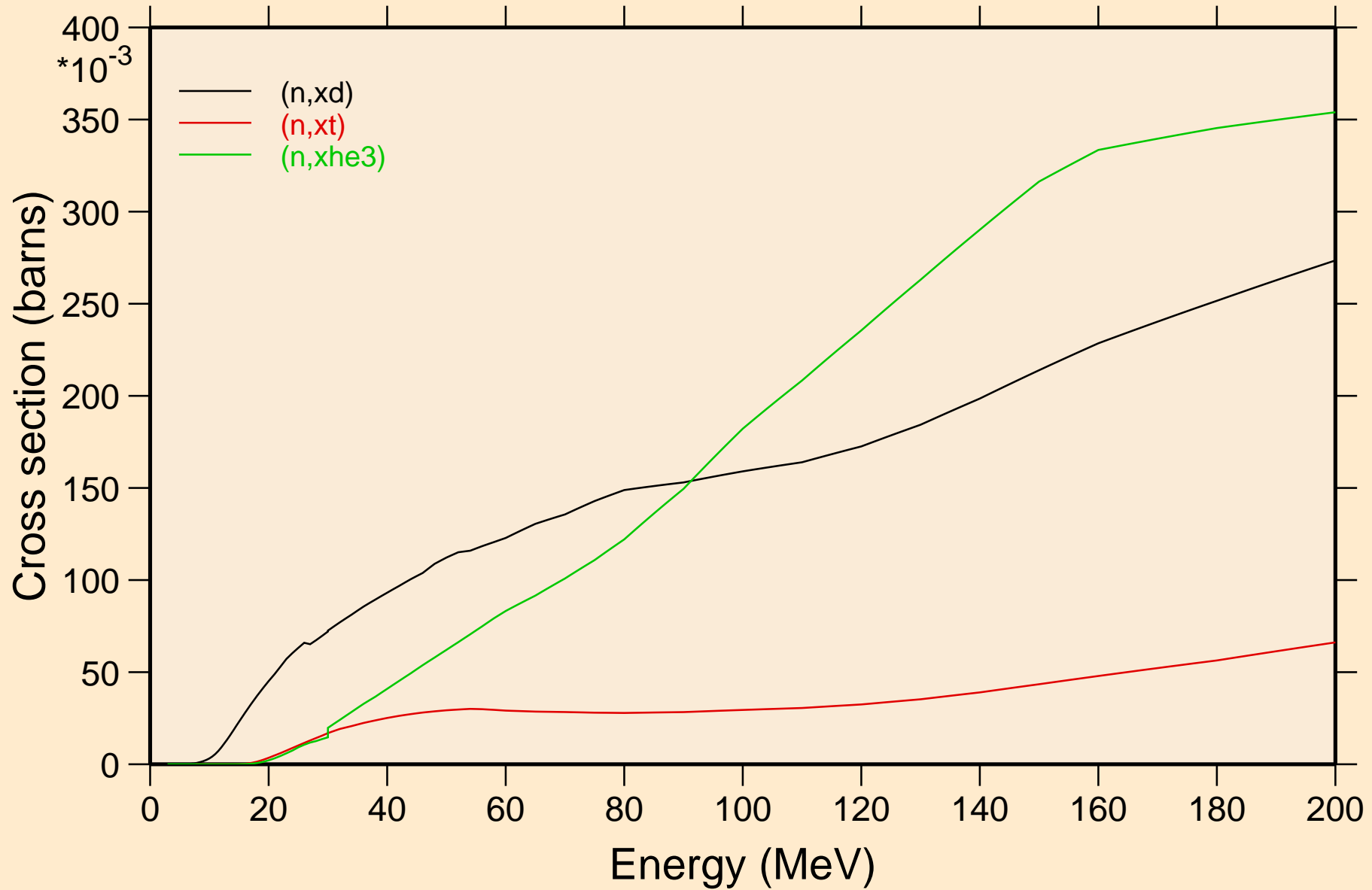


# NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

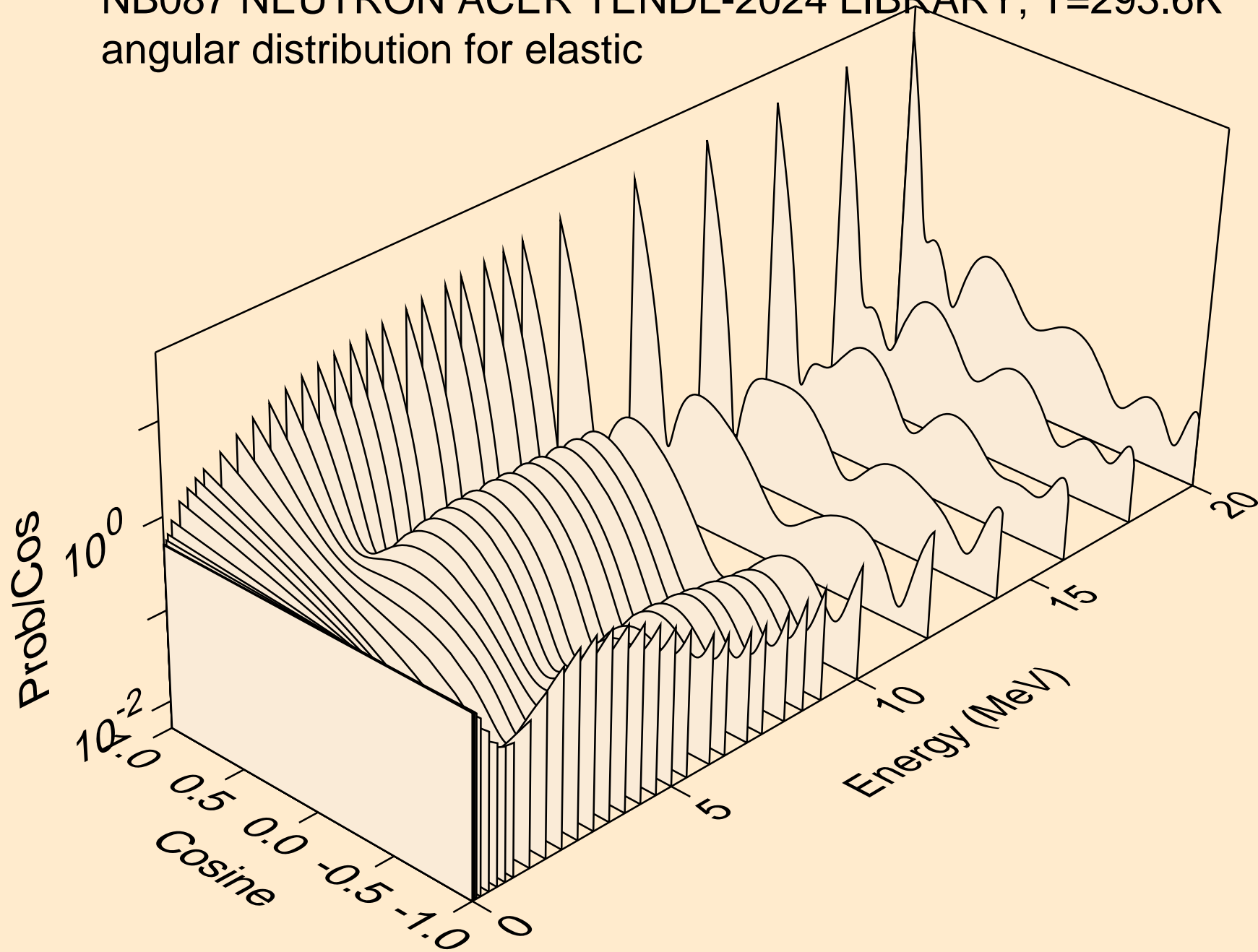
## Threshold reactions



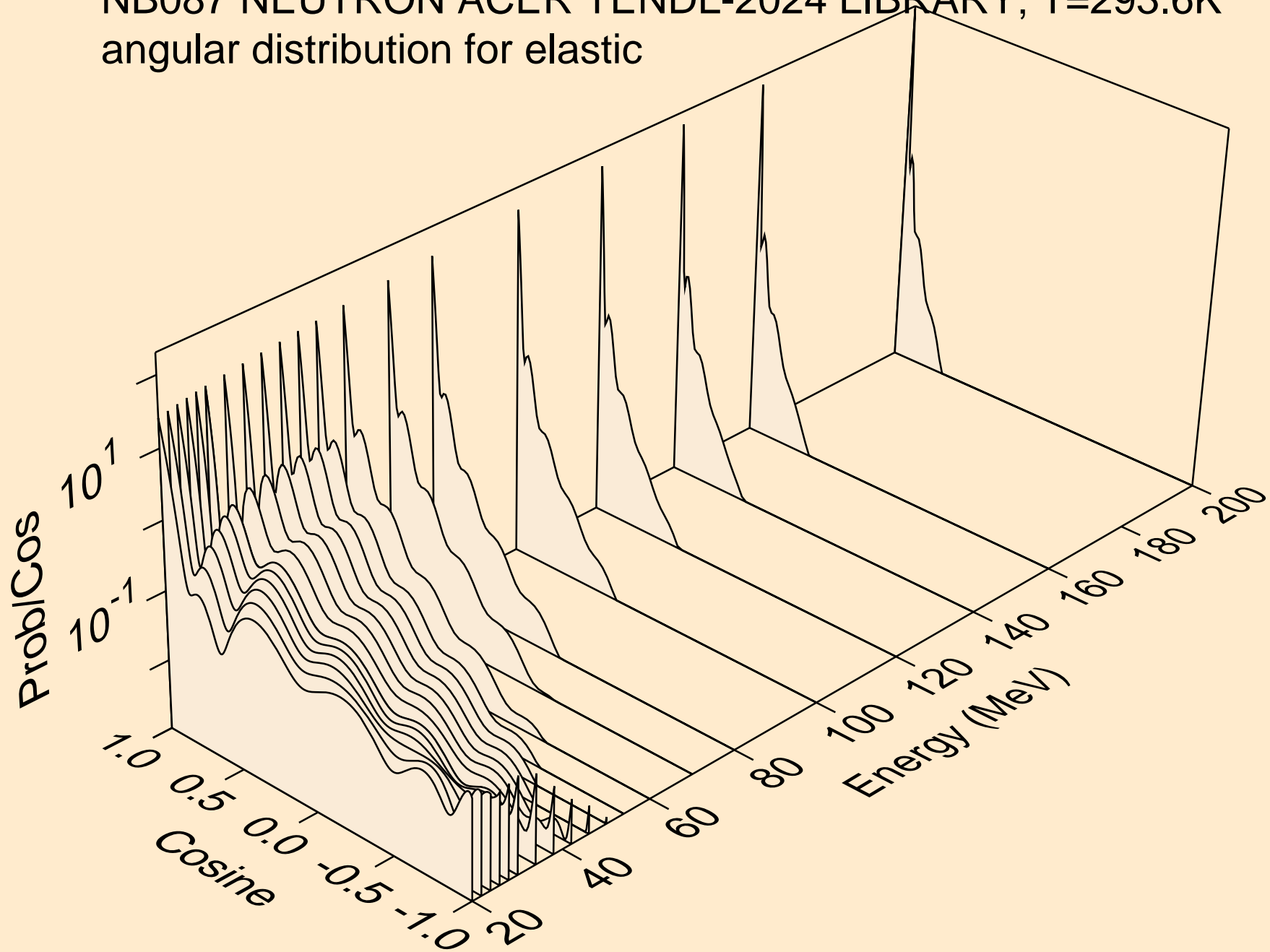
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



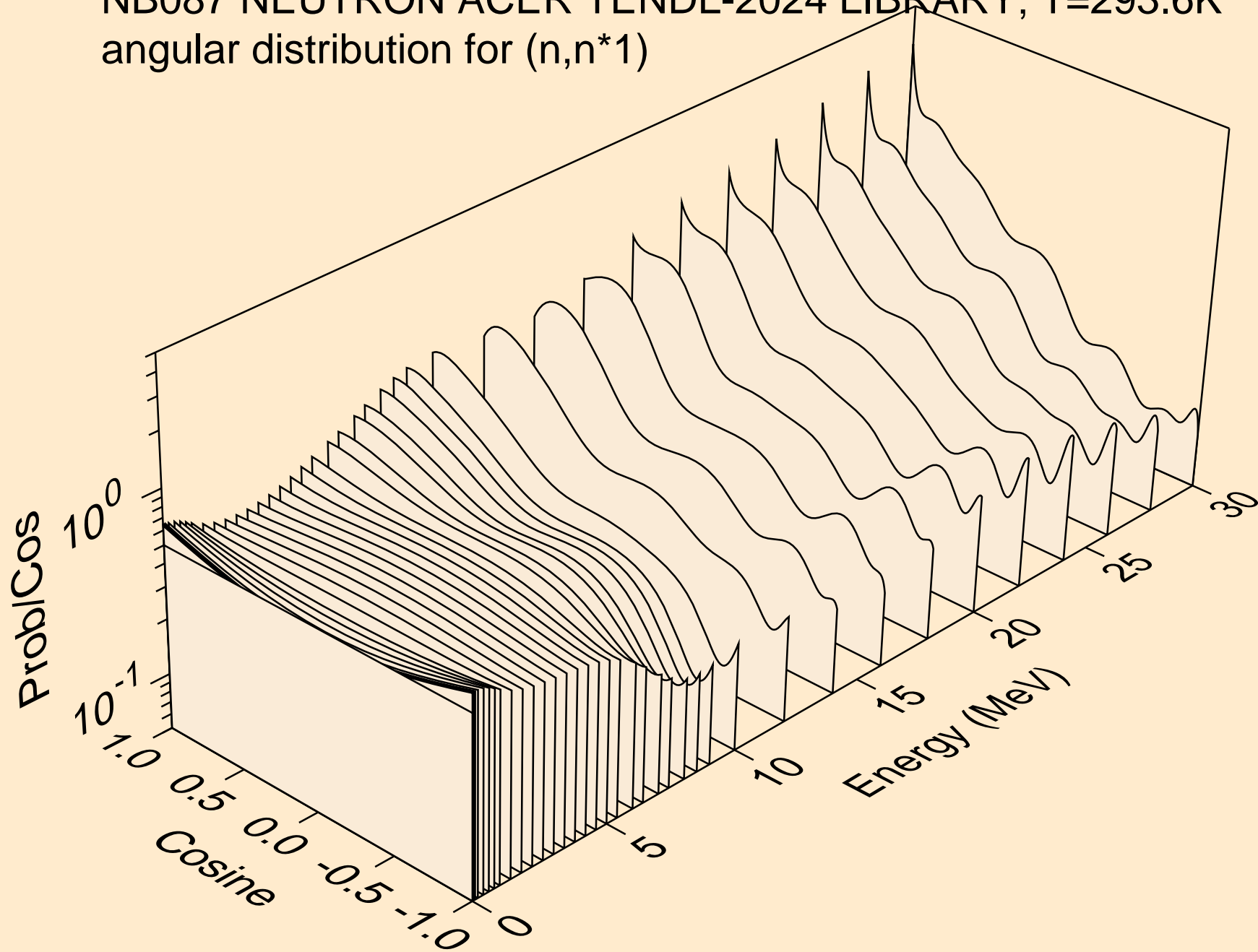
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



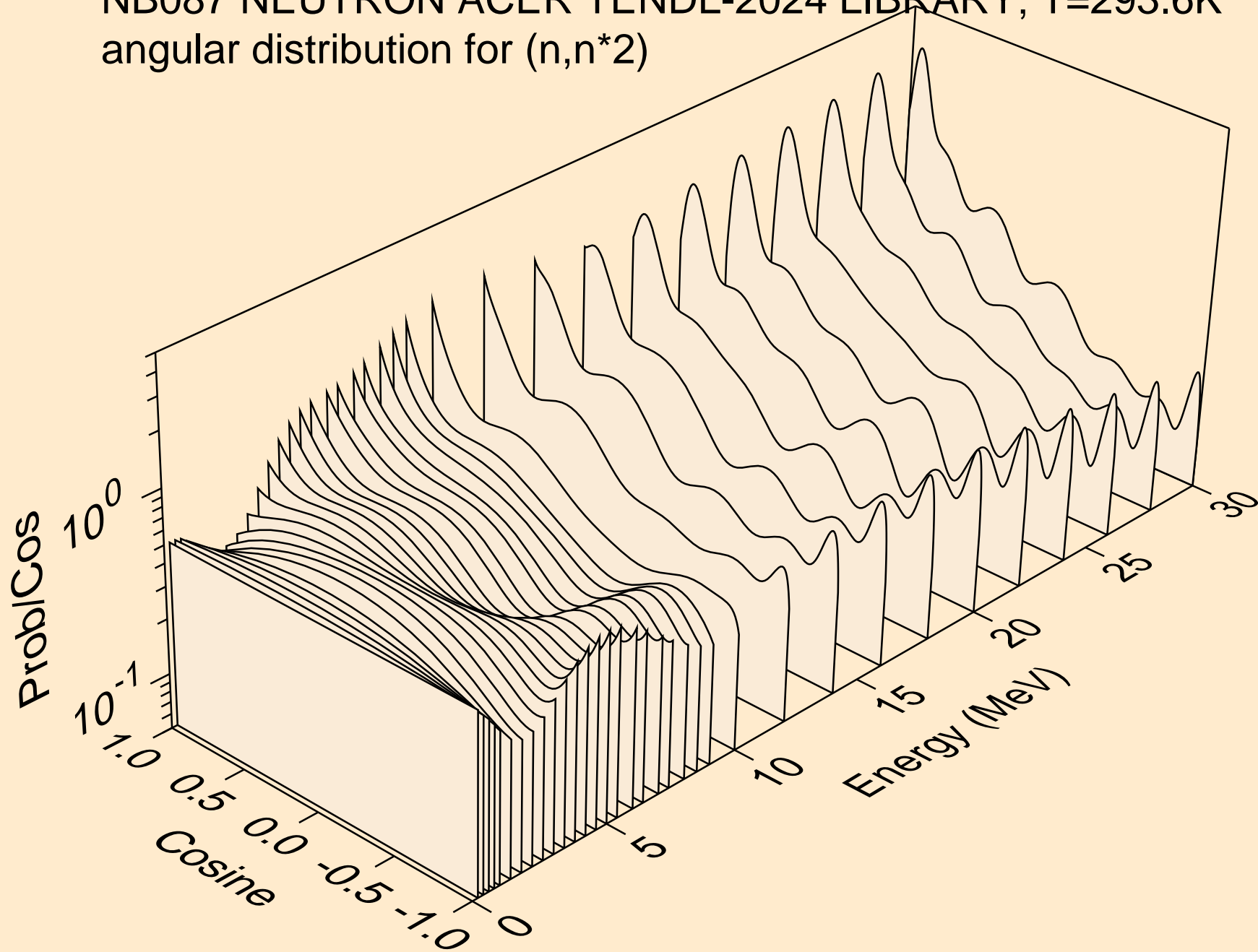
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



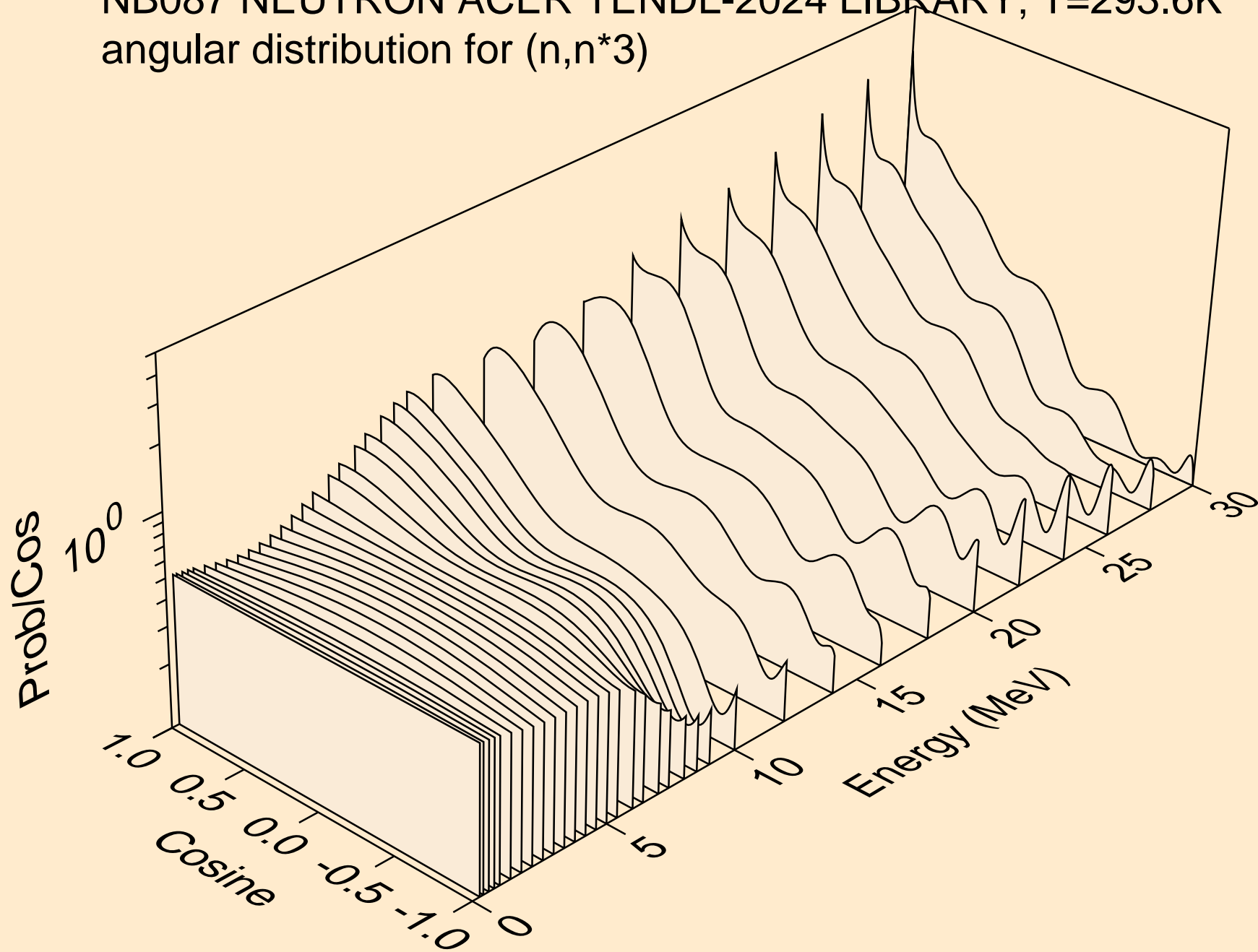
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



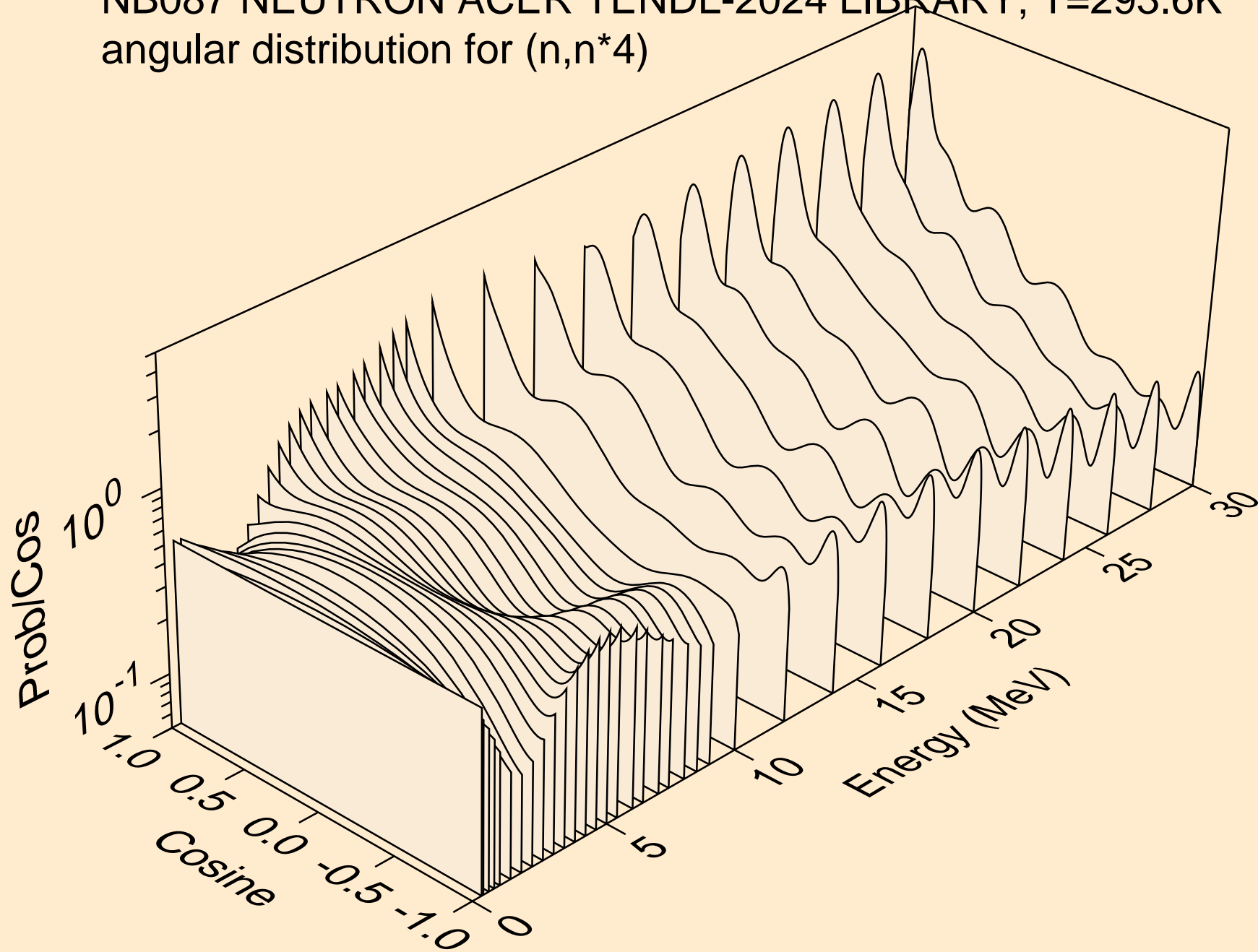
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



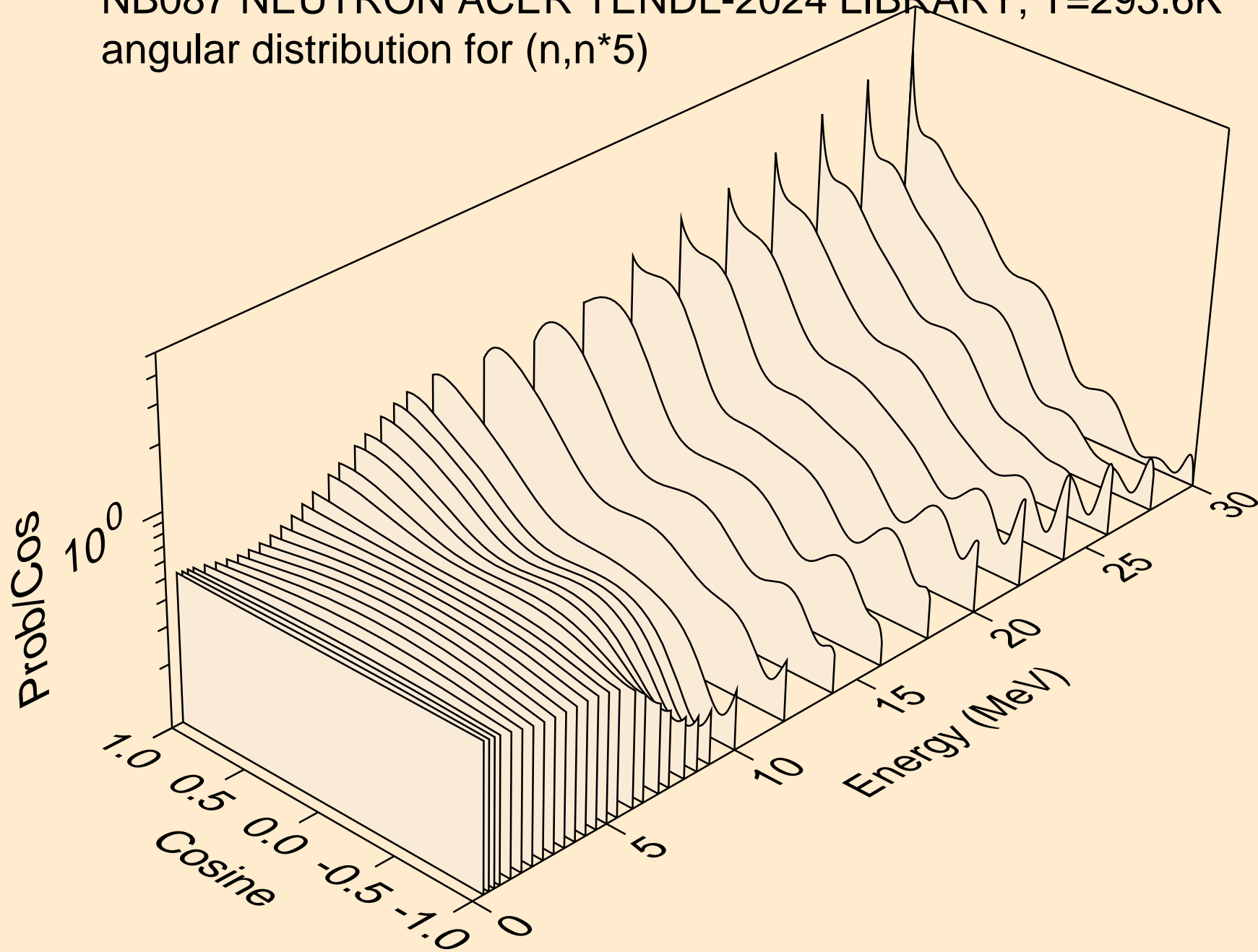
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



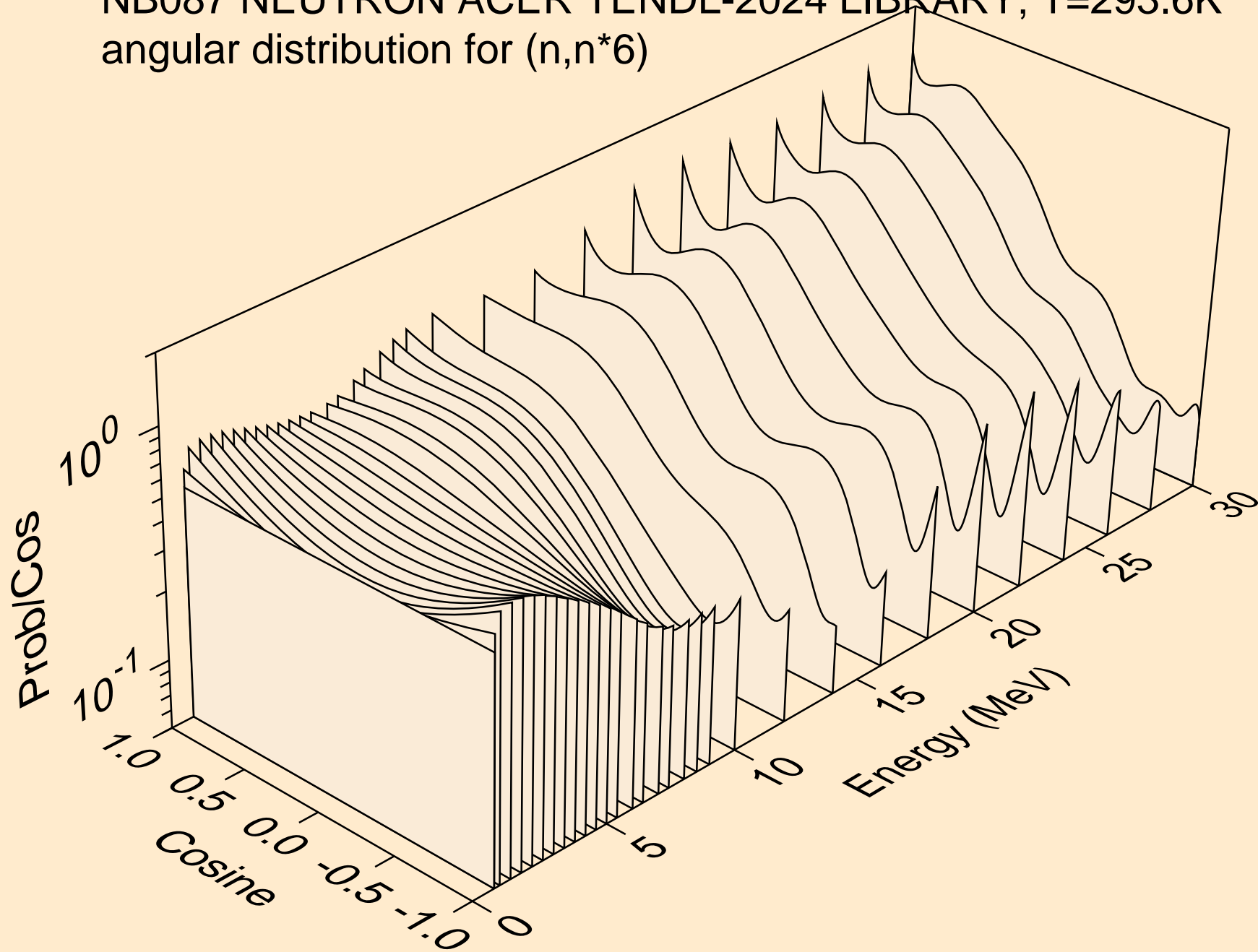
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



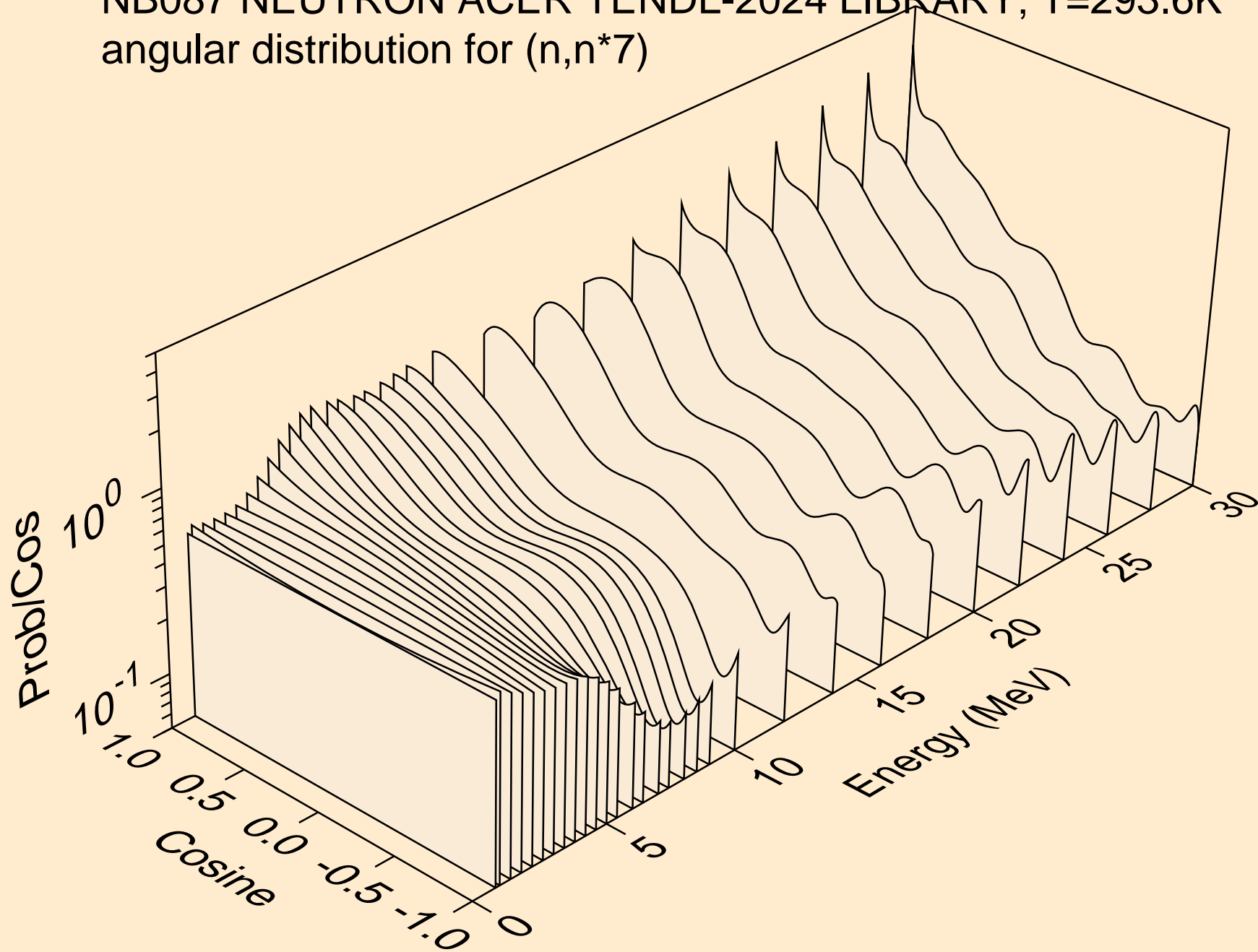
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



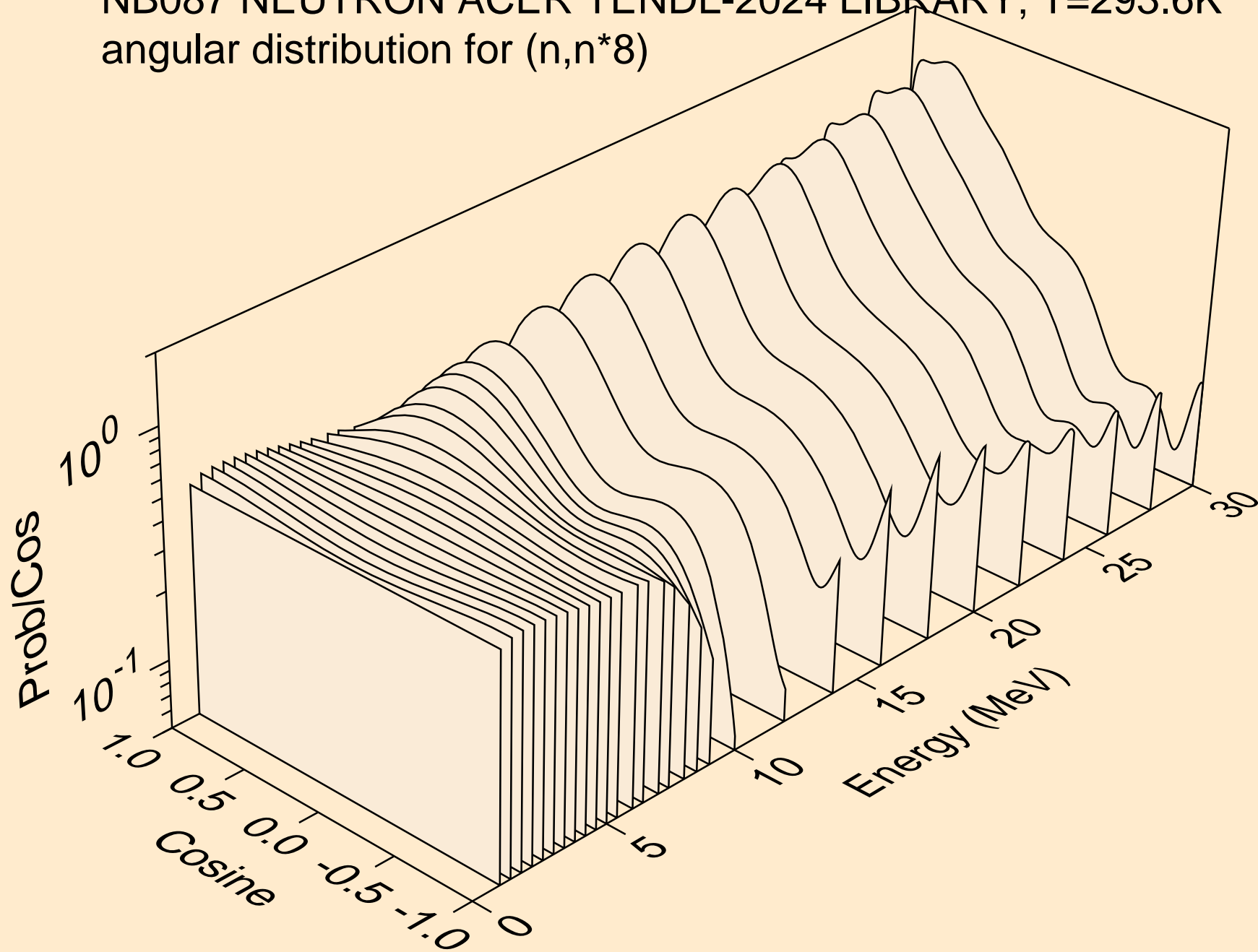
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



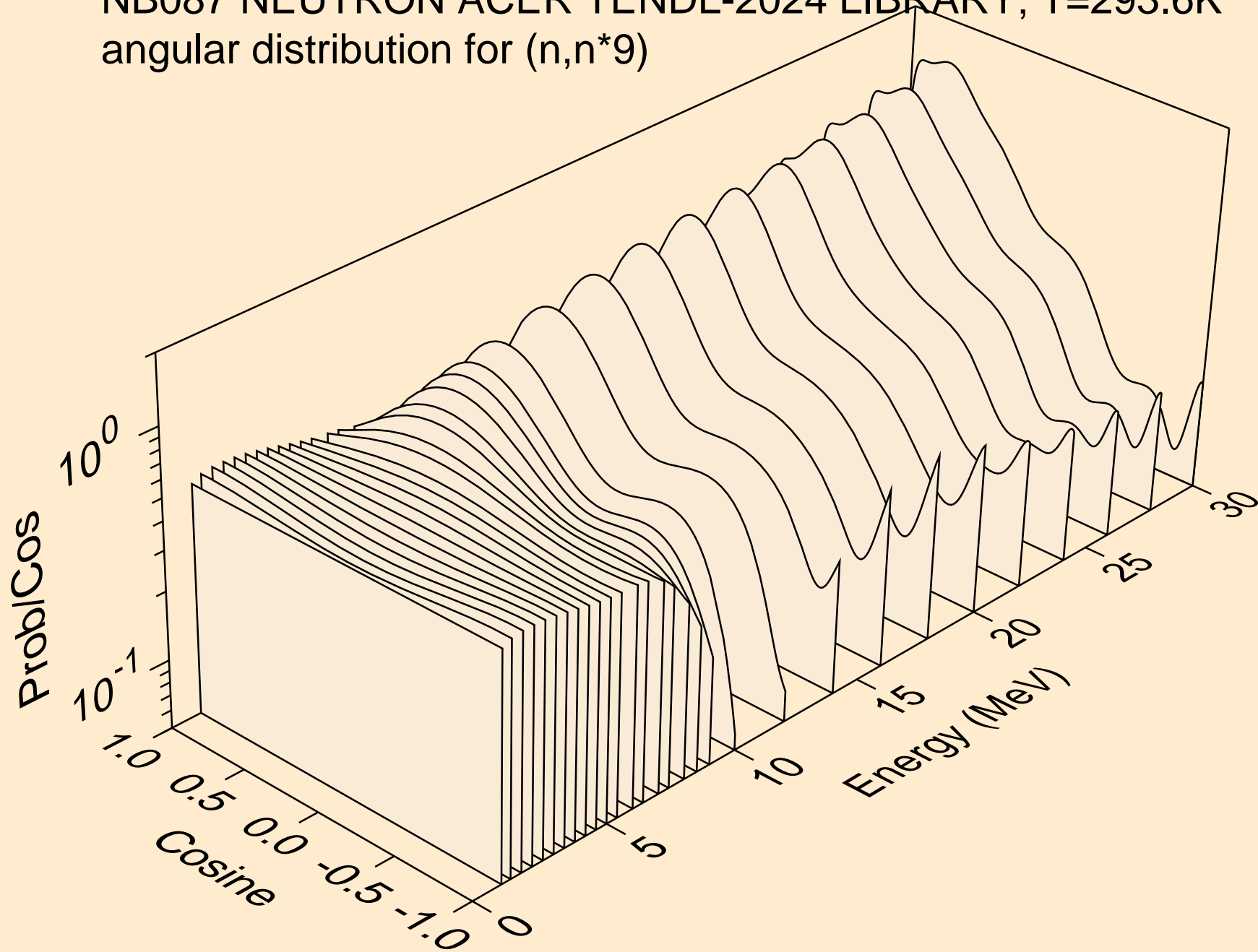
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



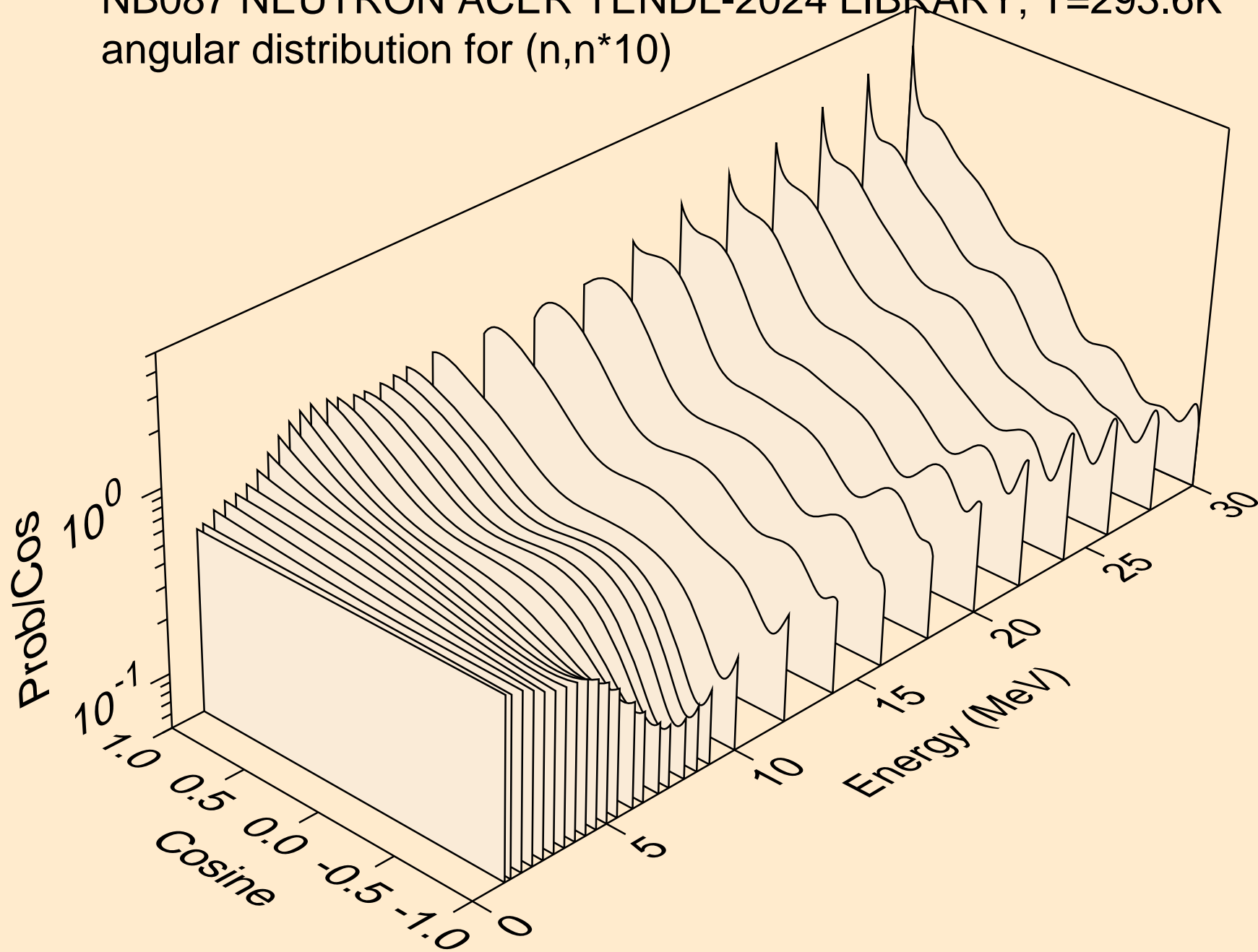
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



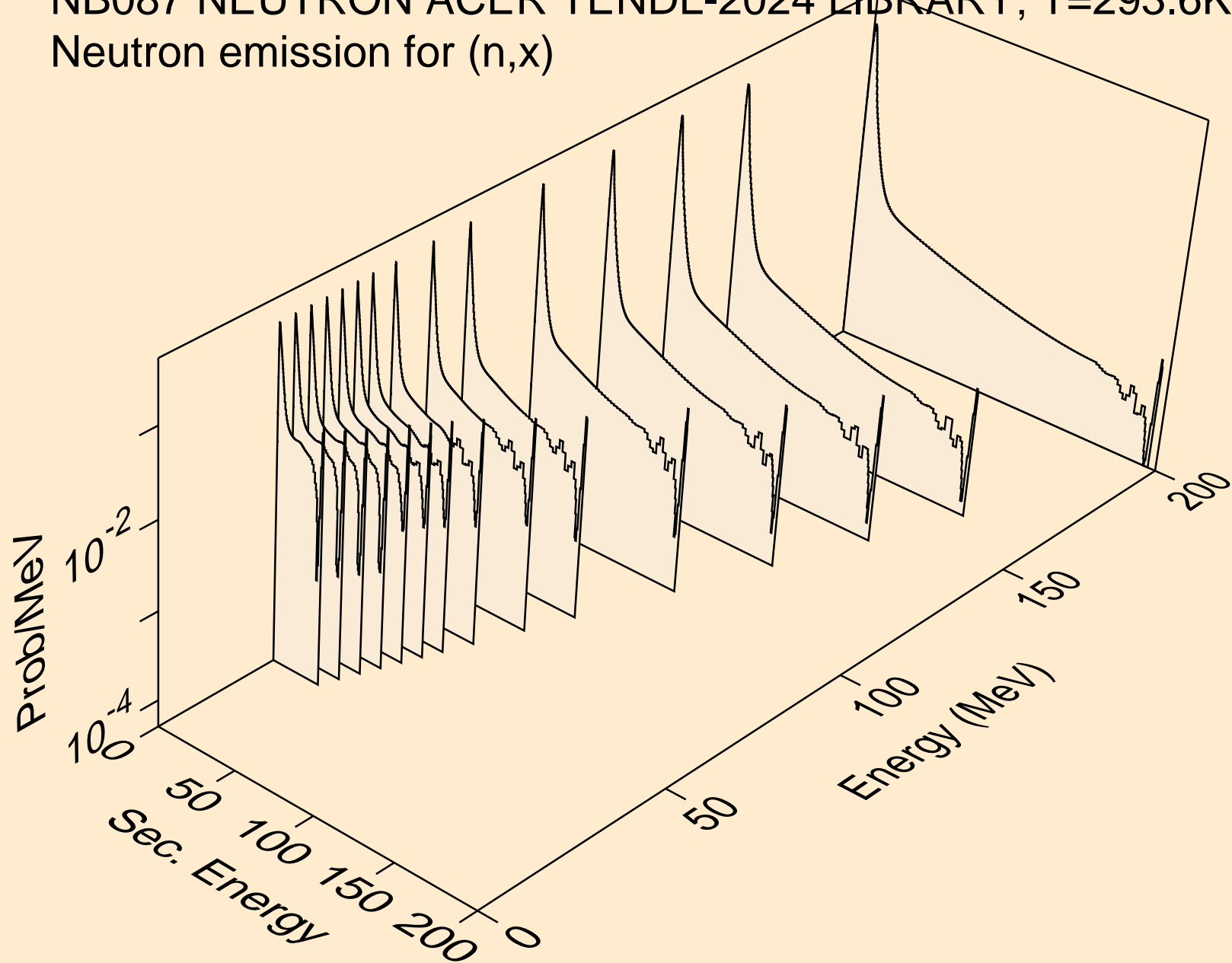
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



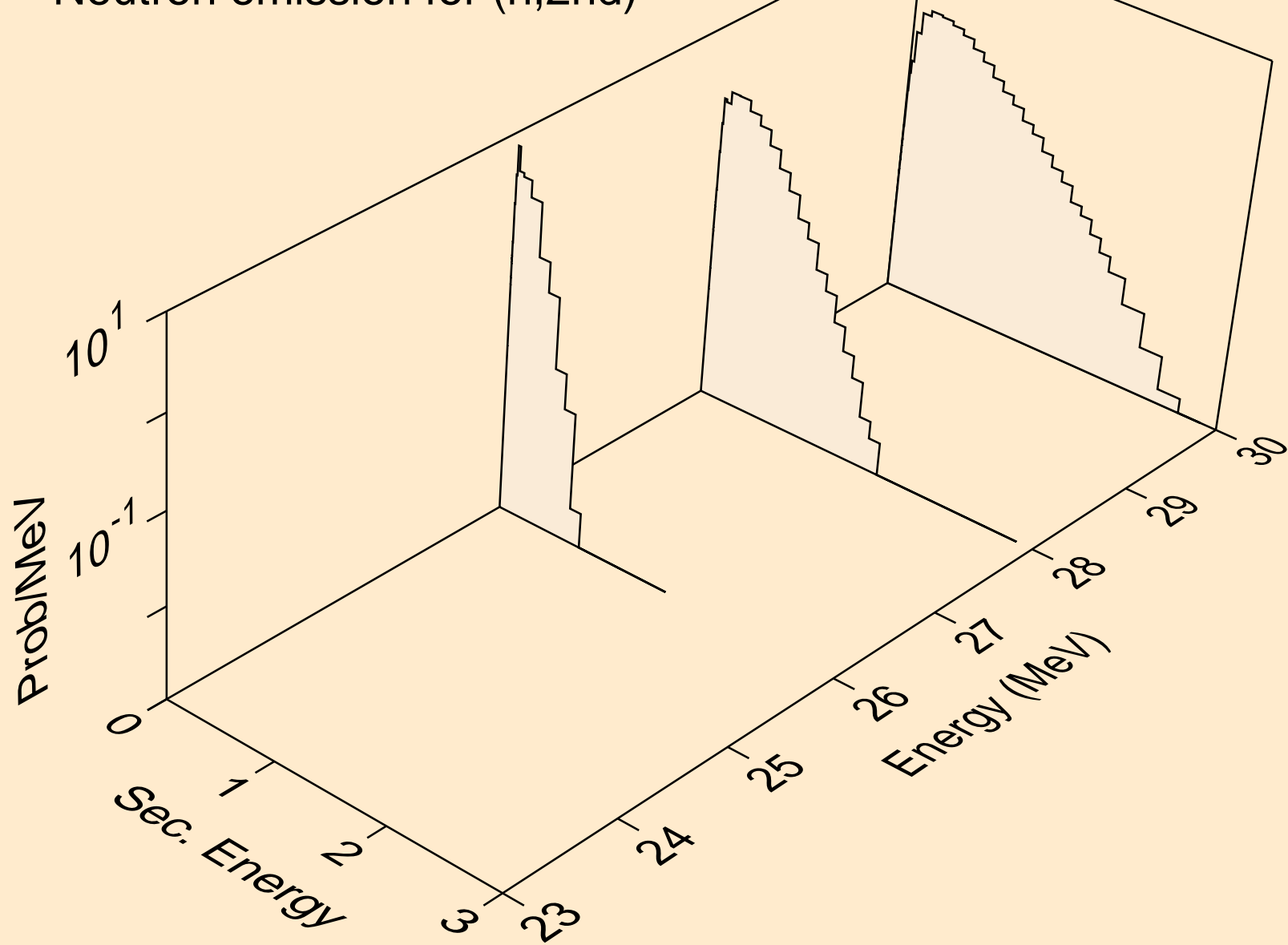
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



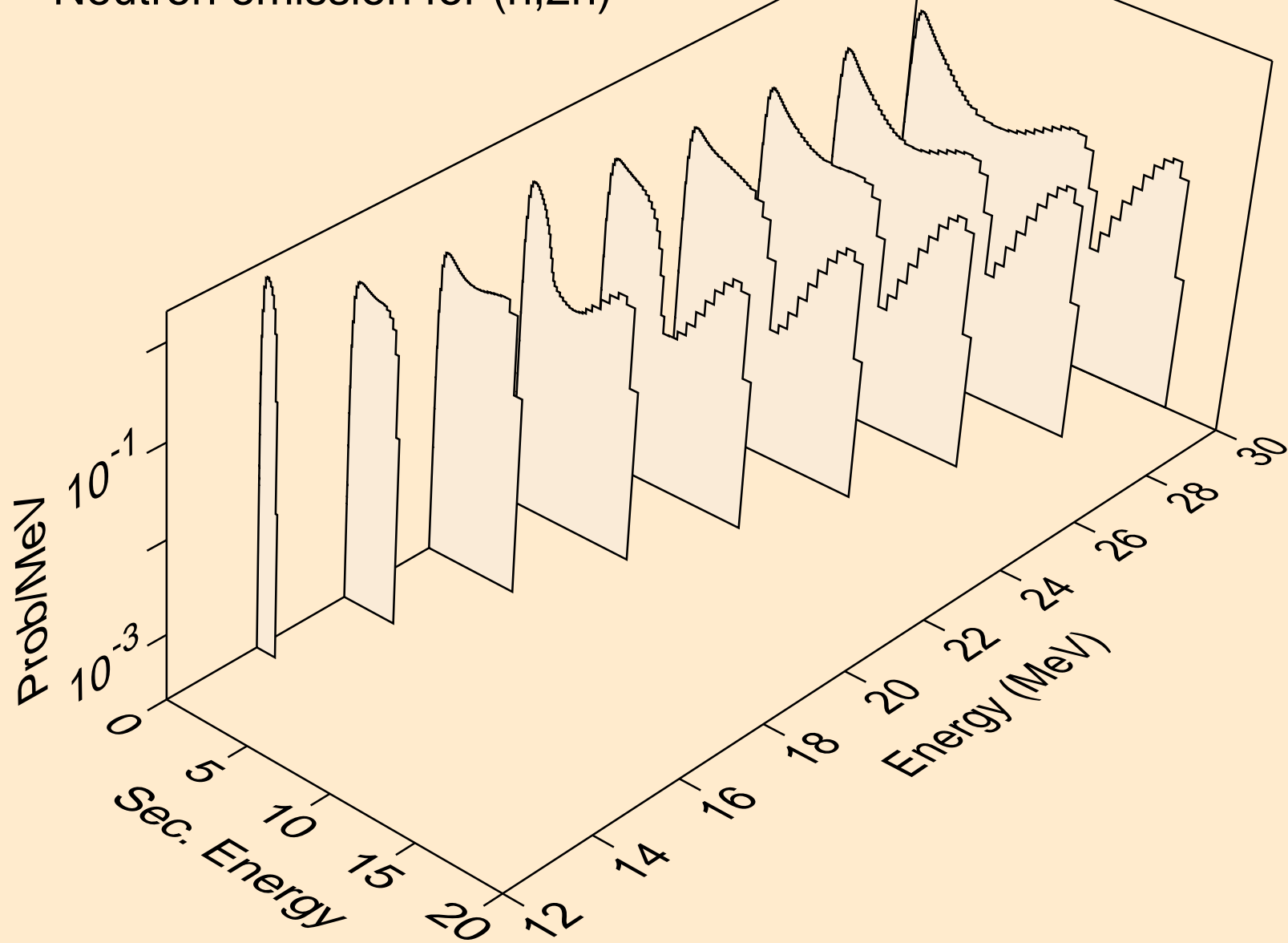
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



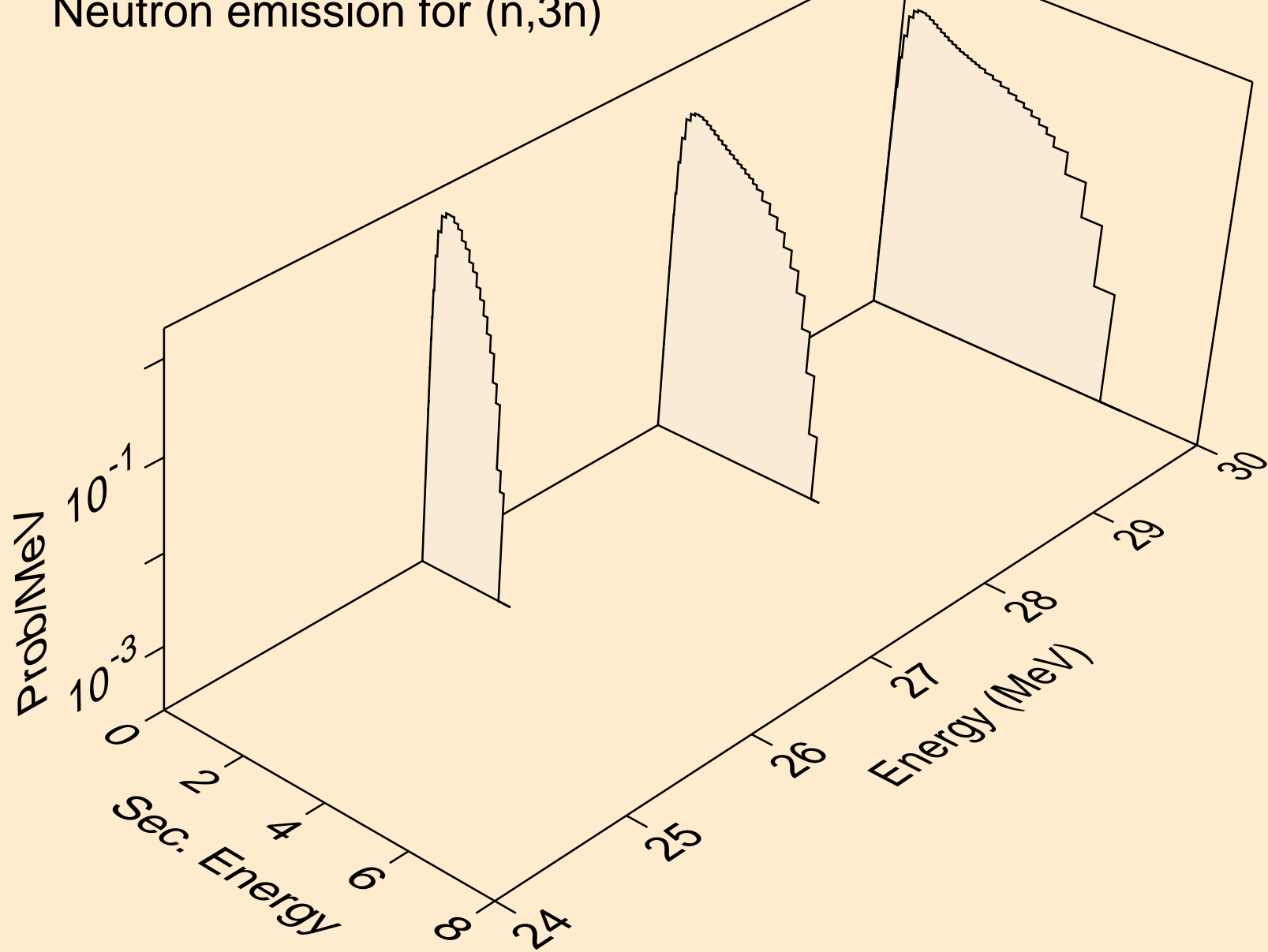
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



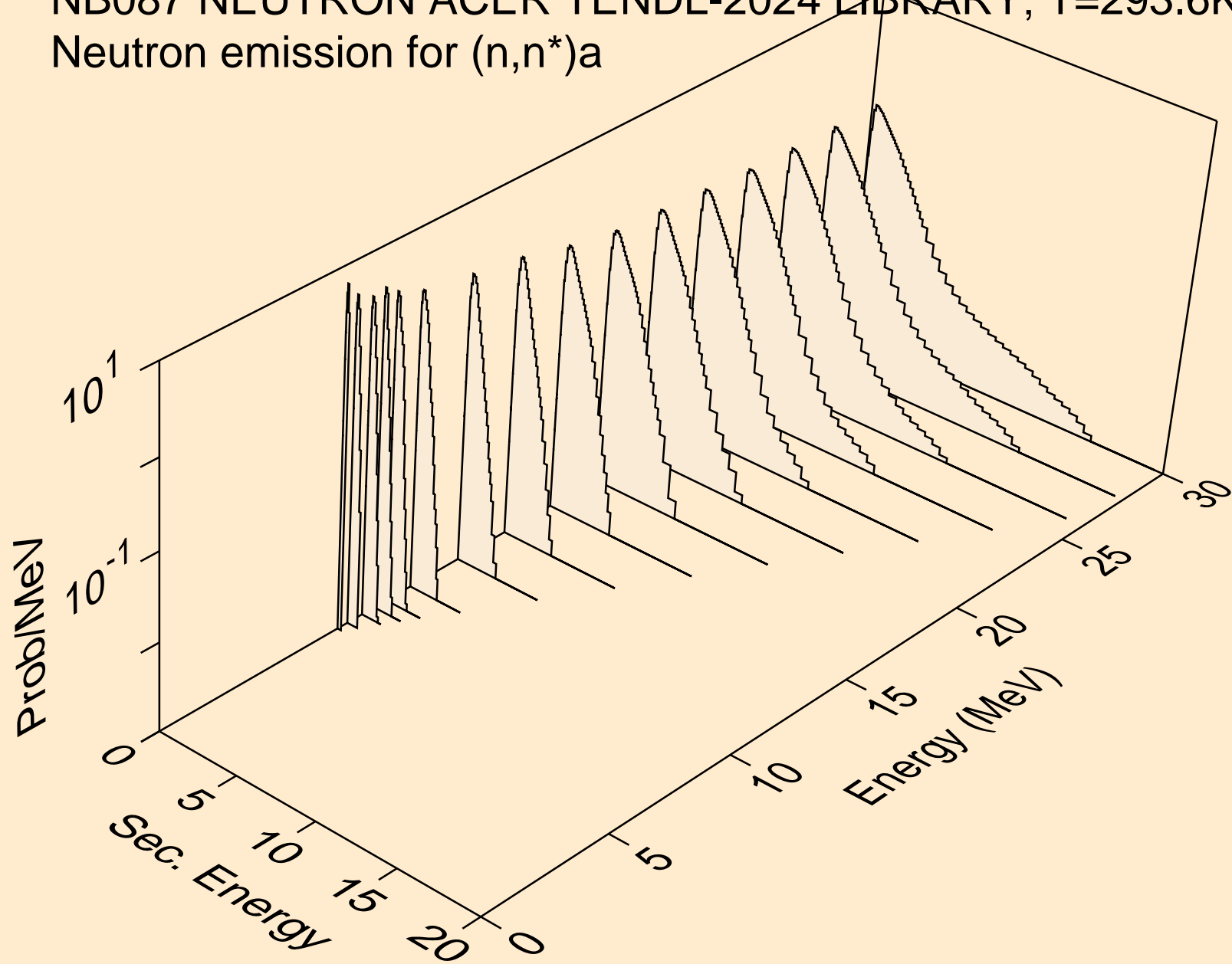
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



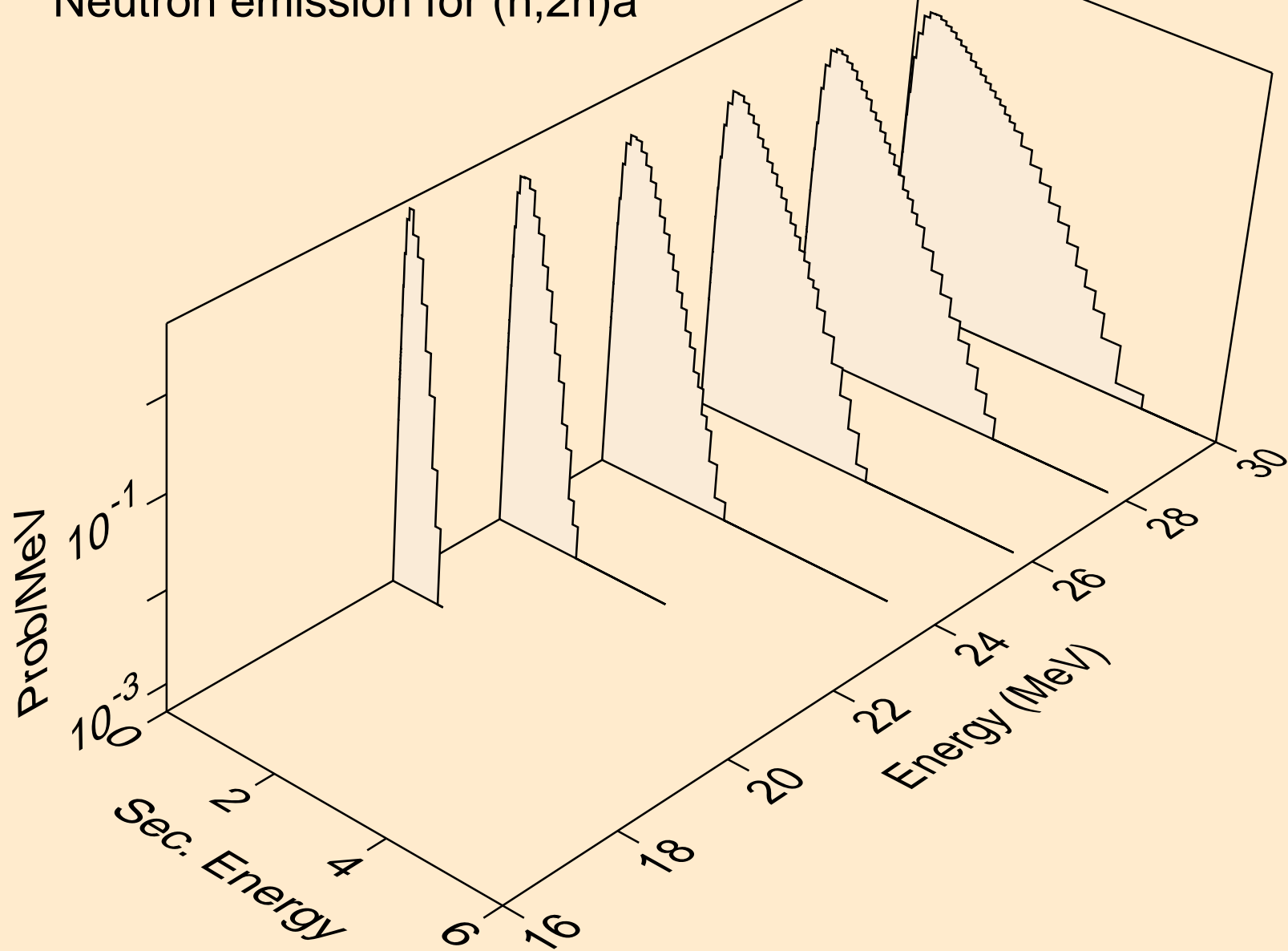
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



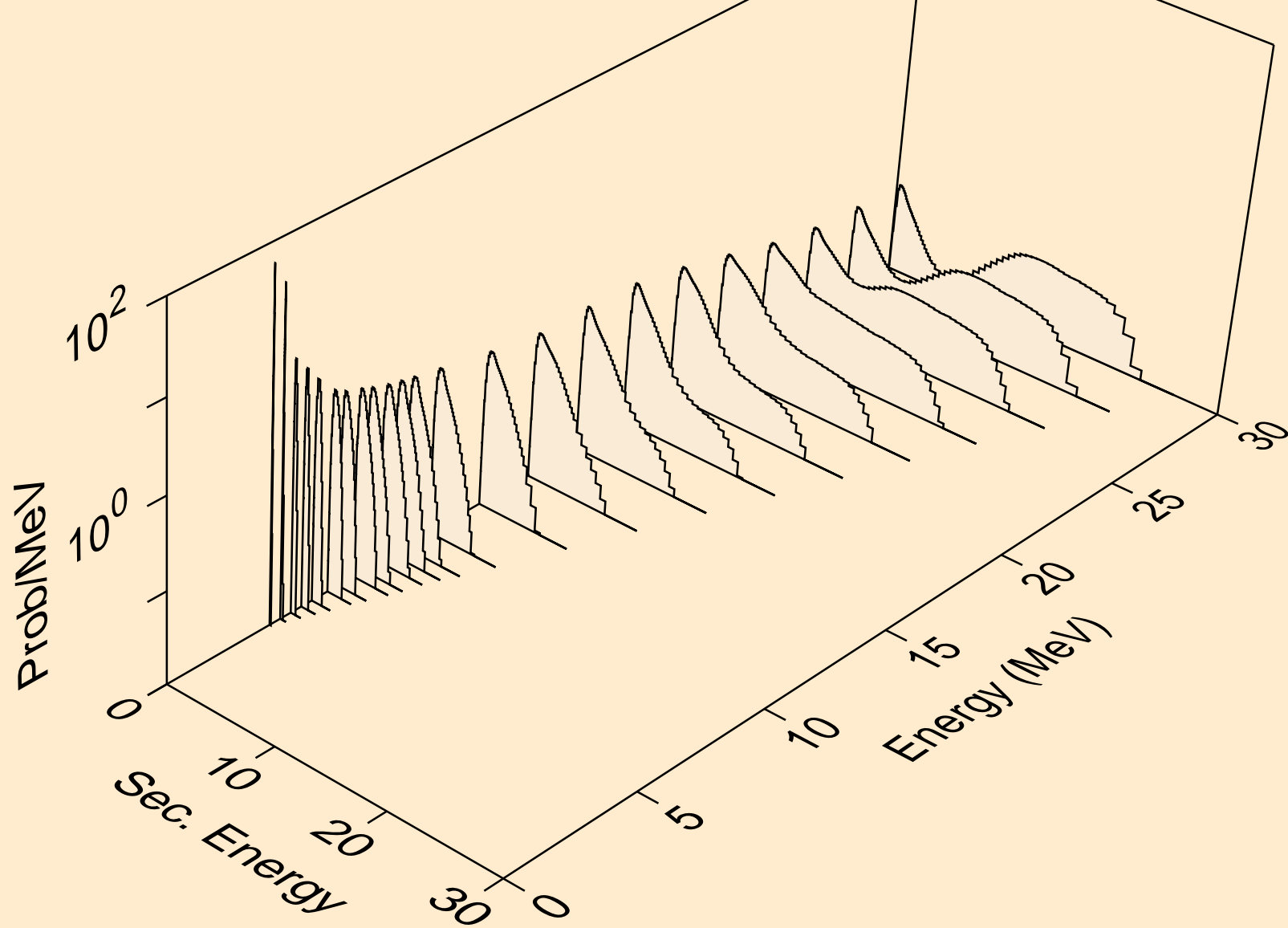
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



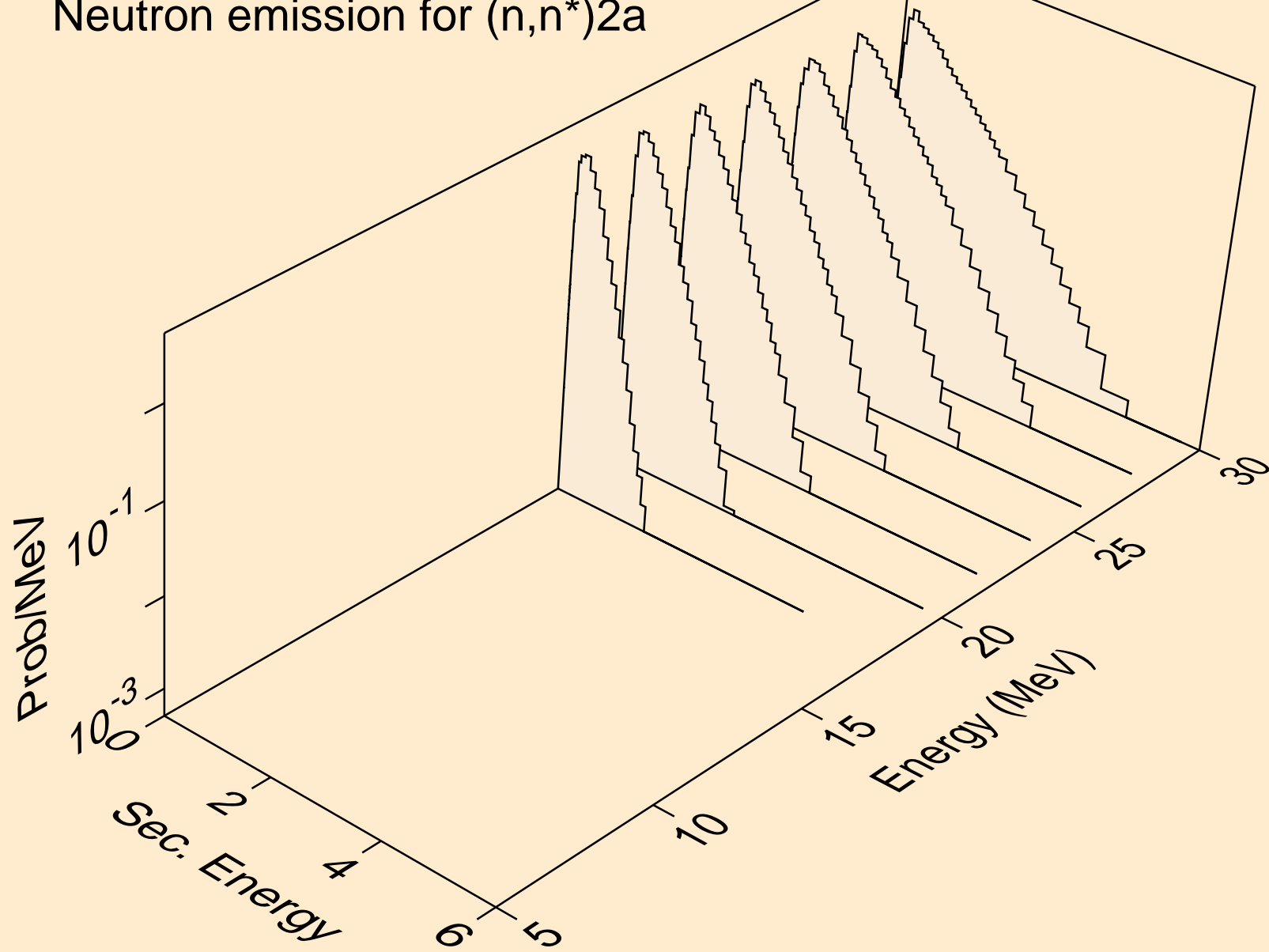
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



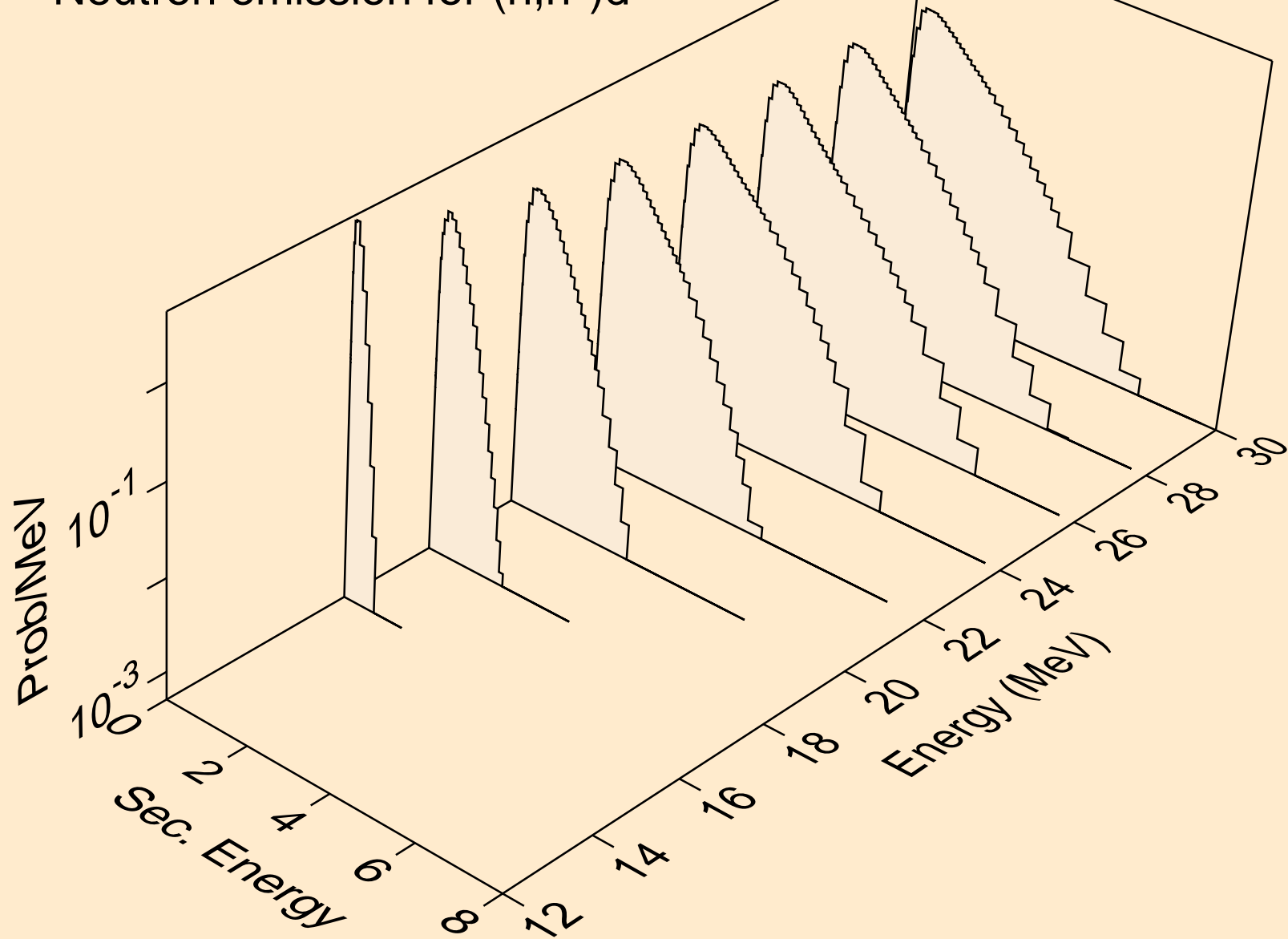
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



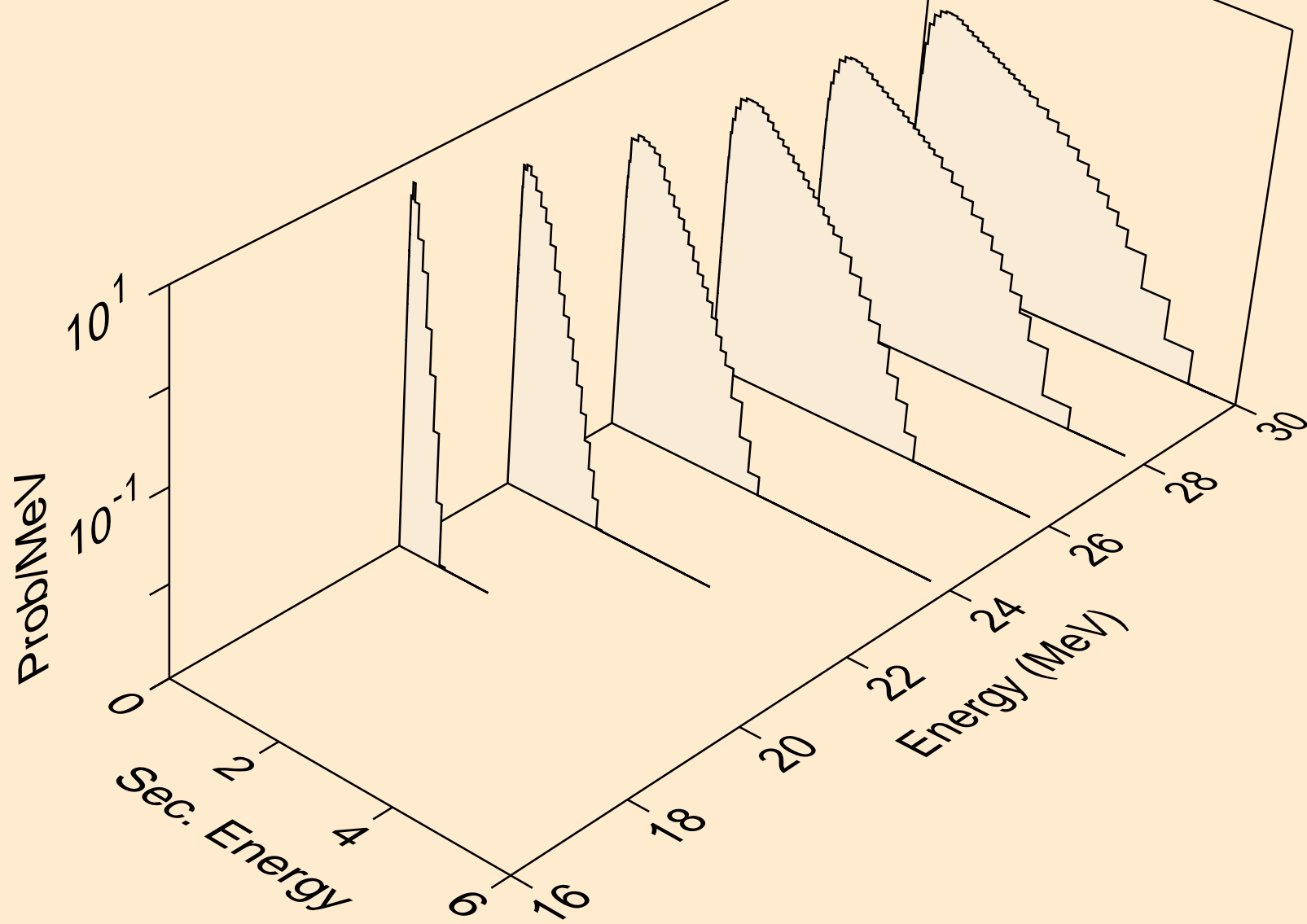
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



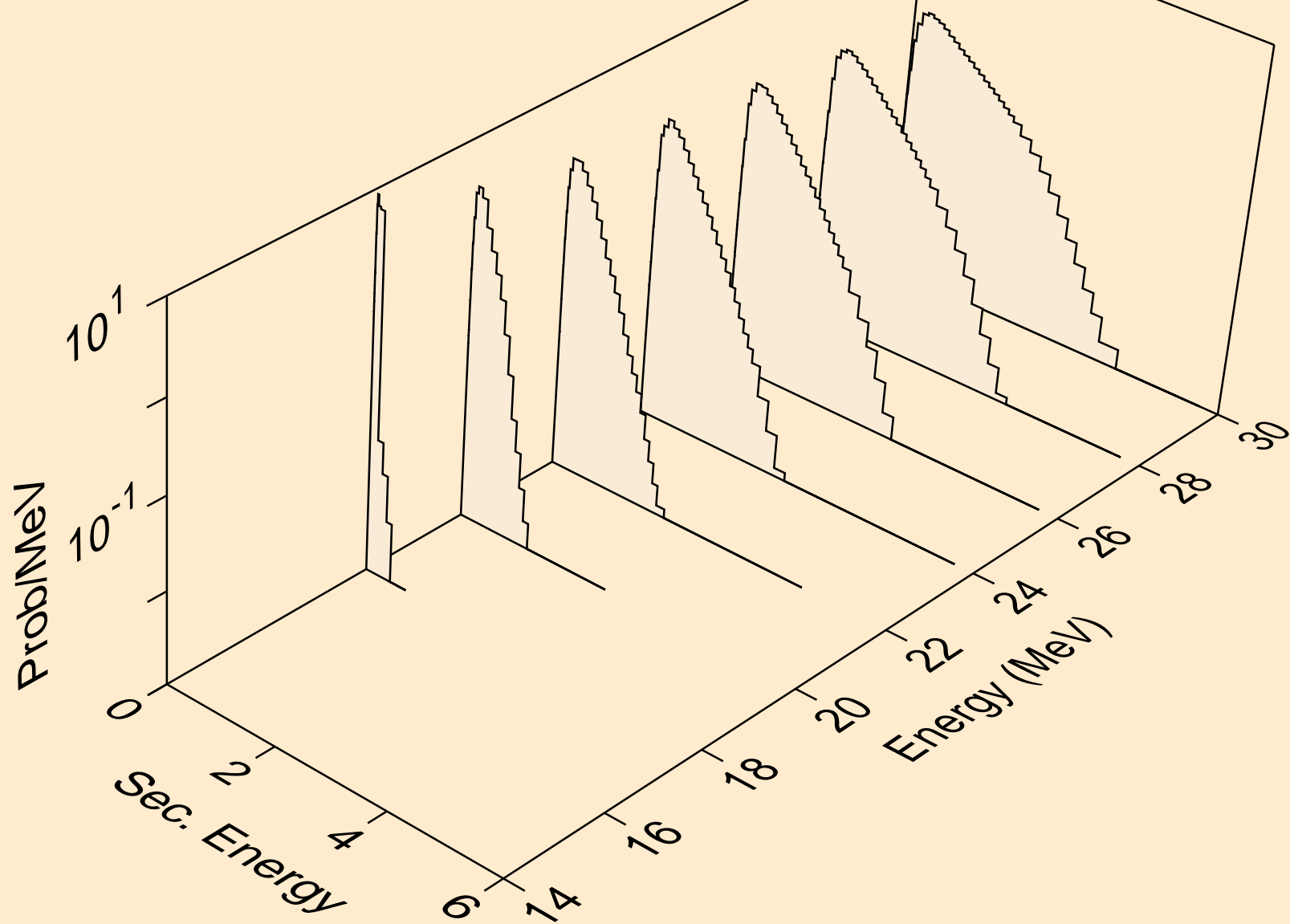
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



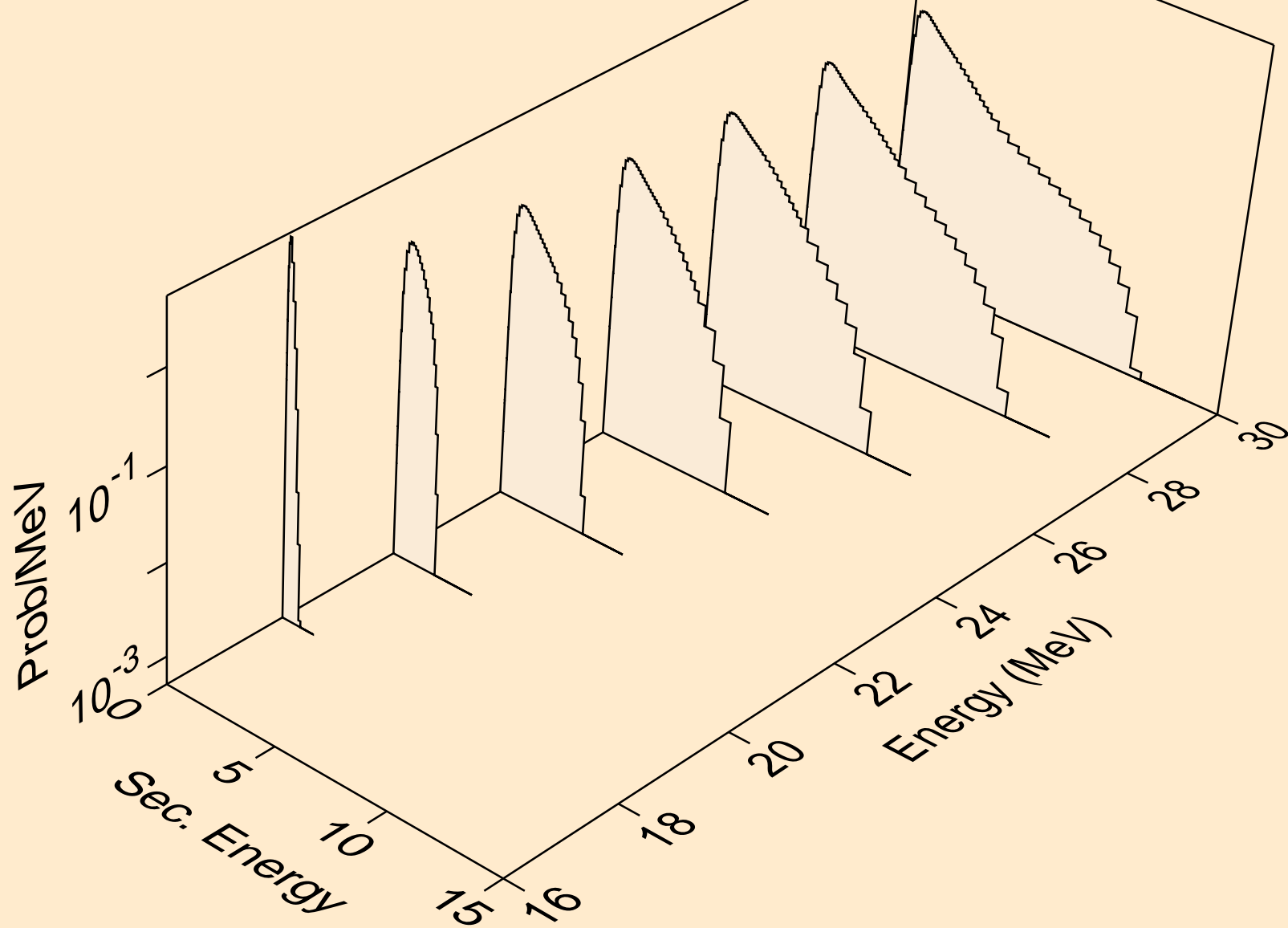
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



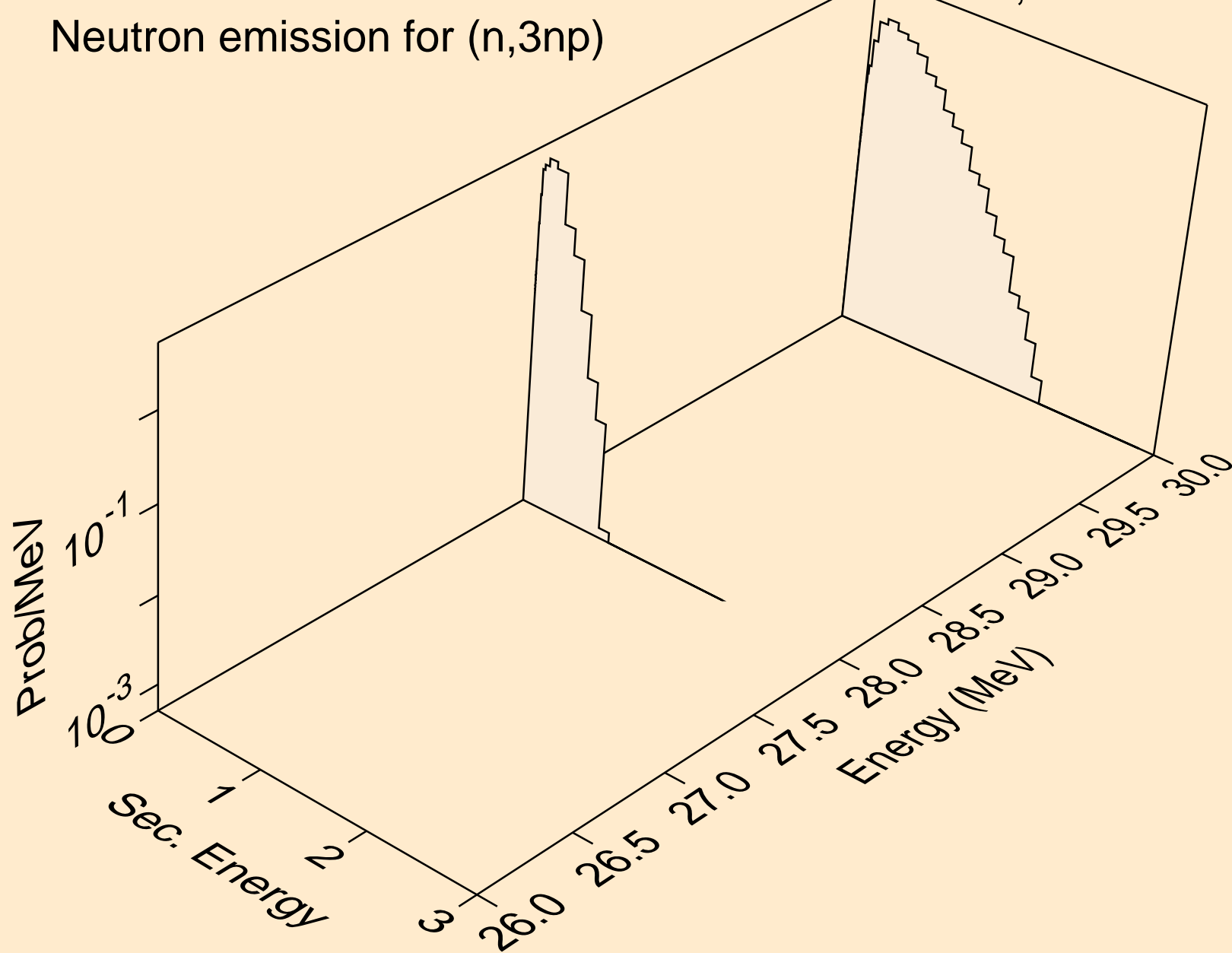
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



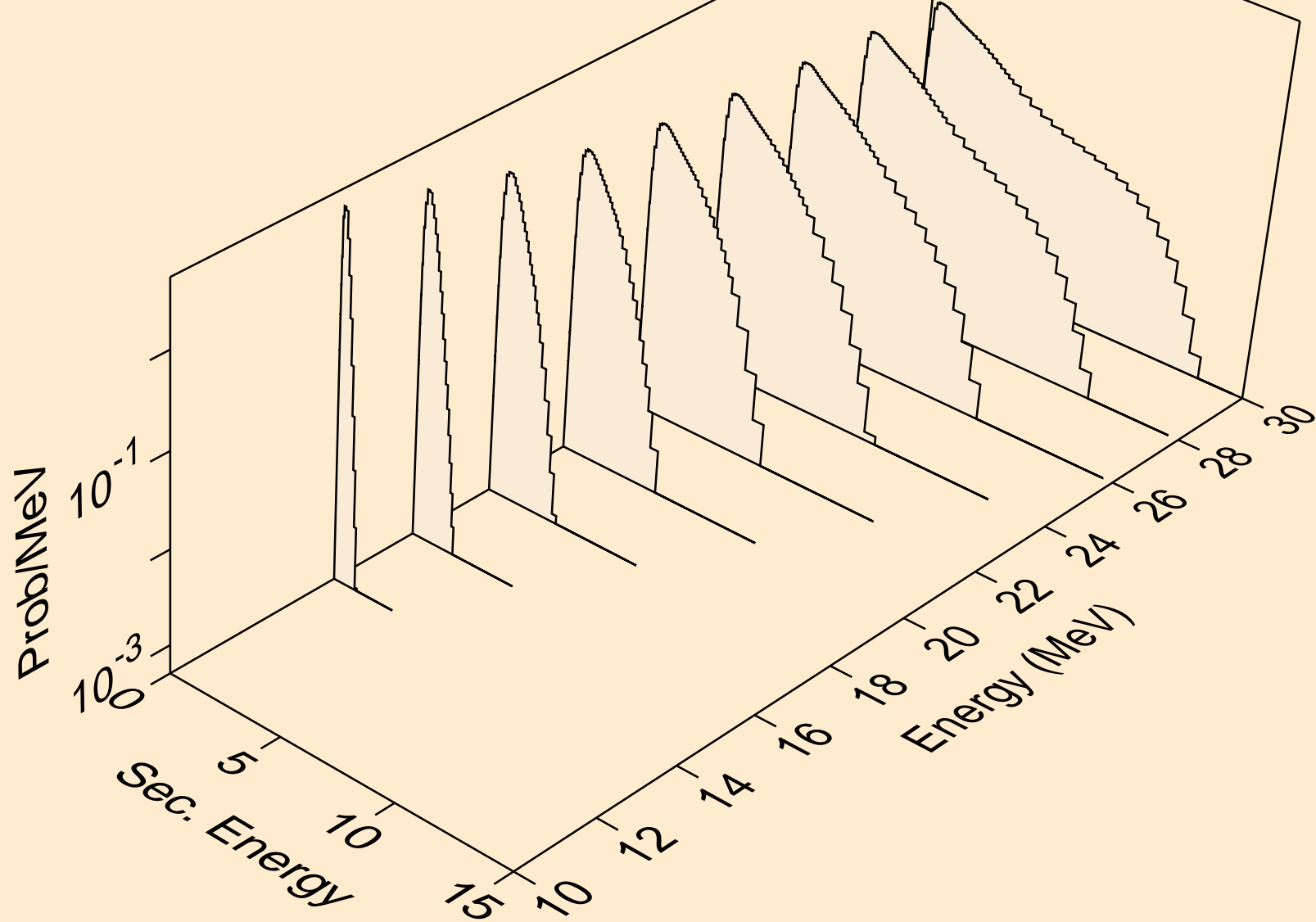
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



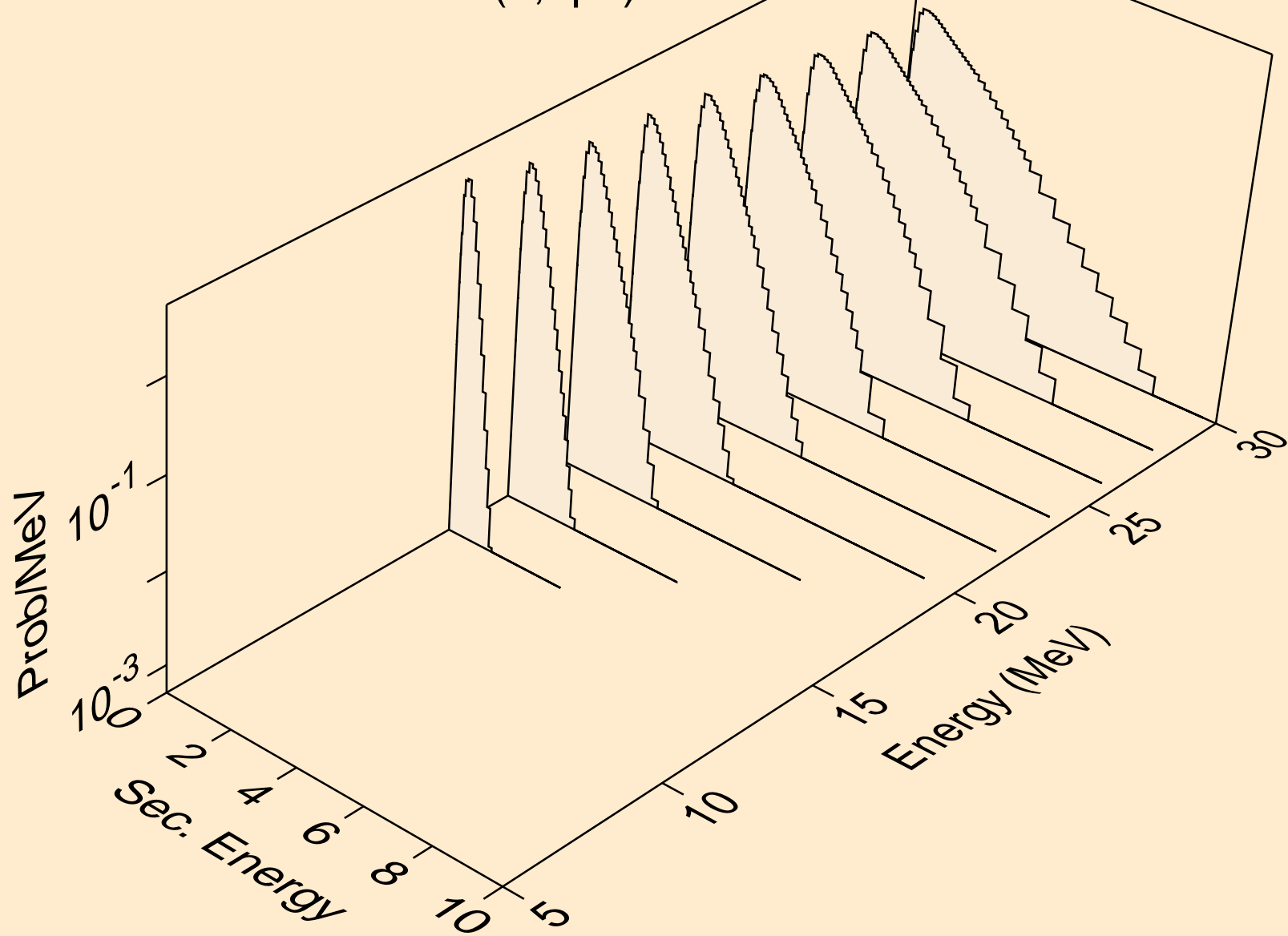
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



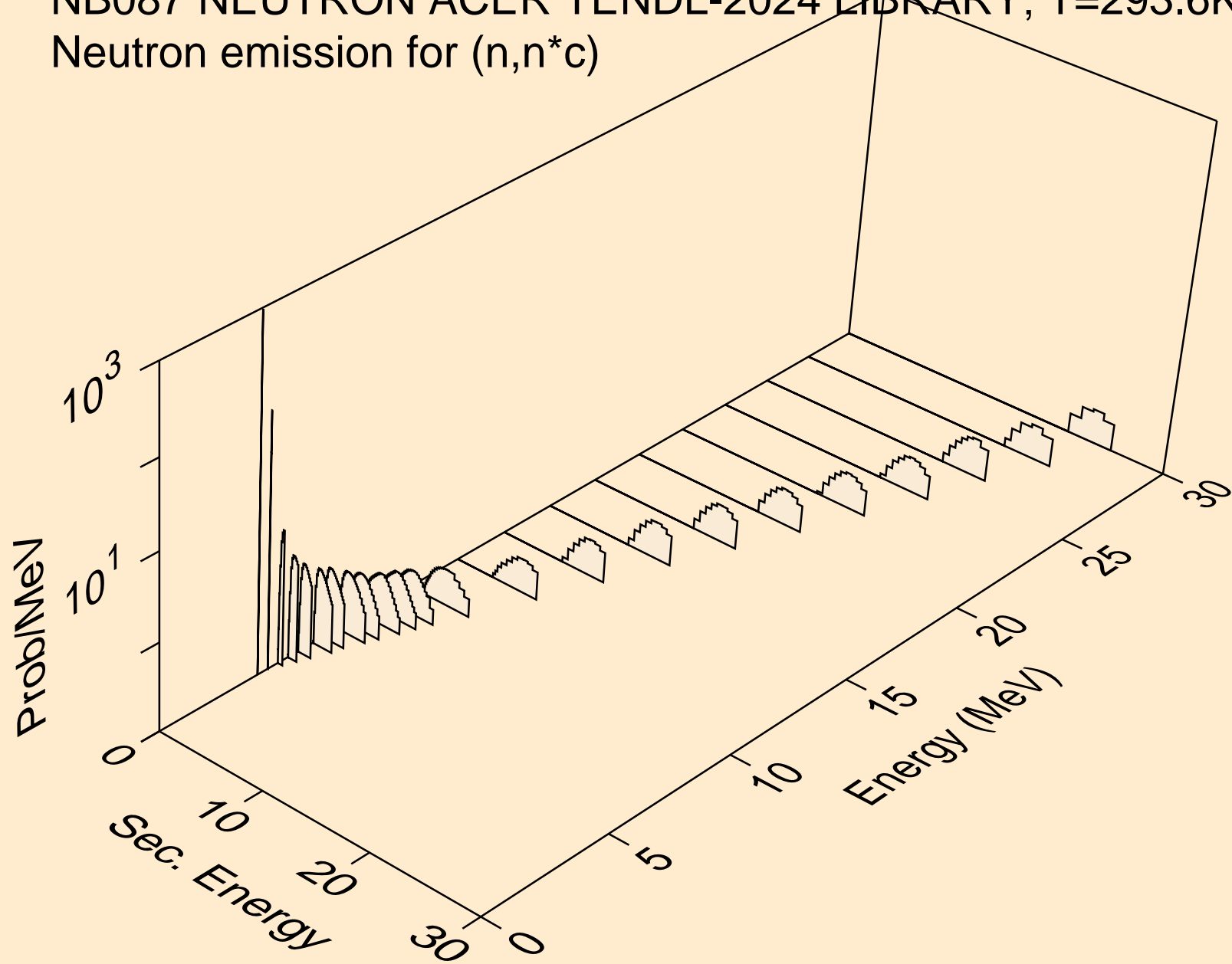
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



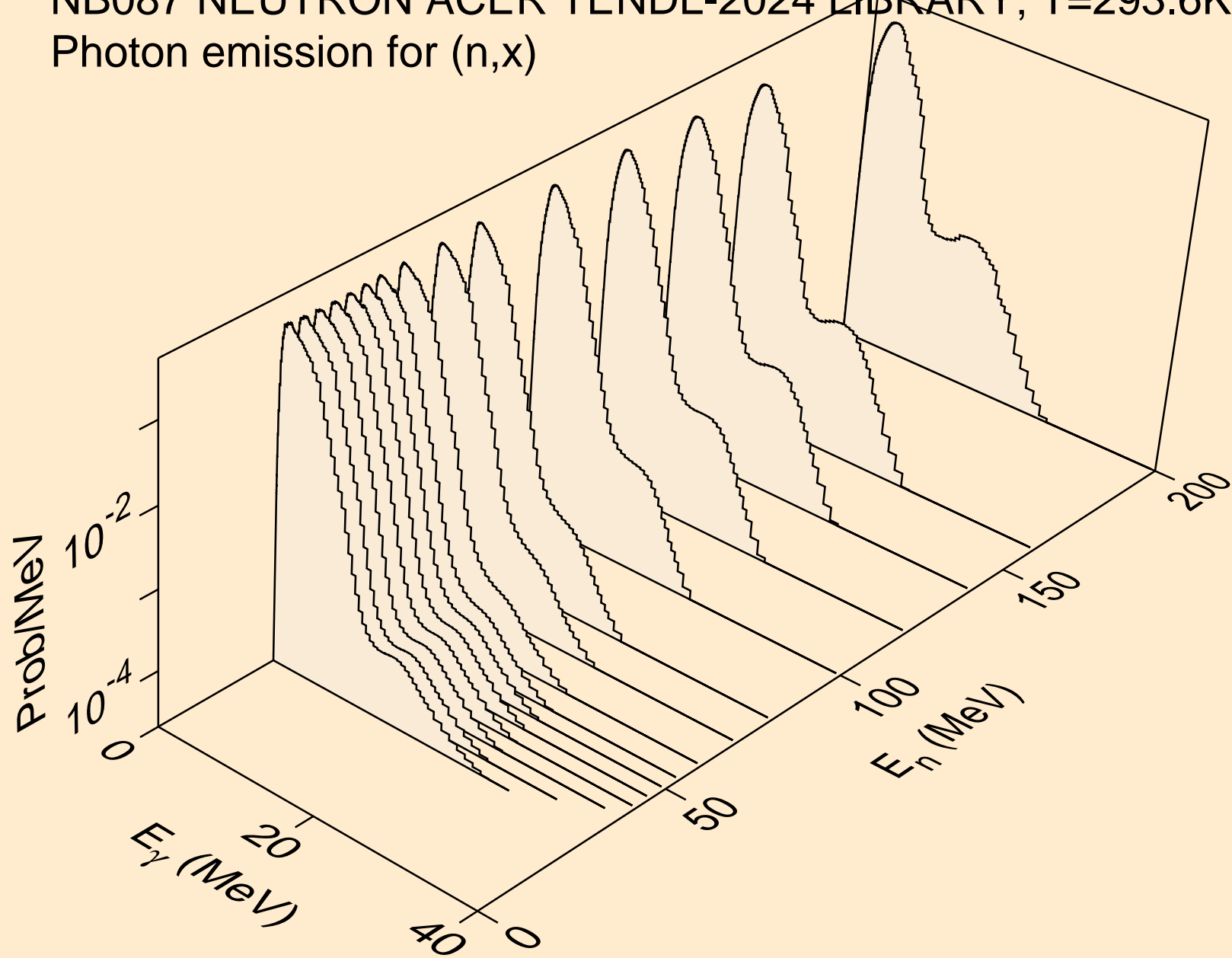
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



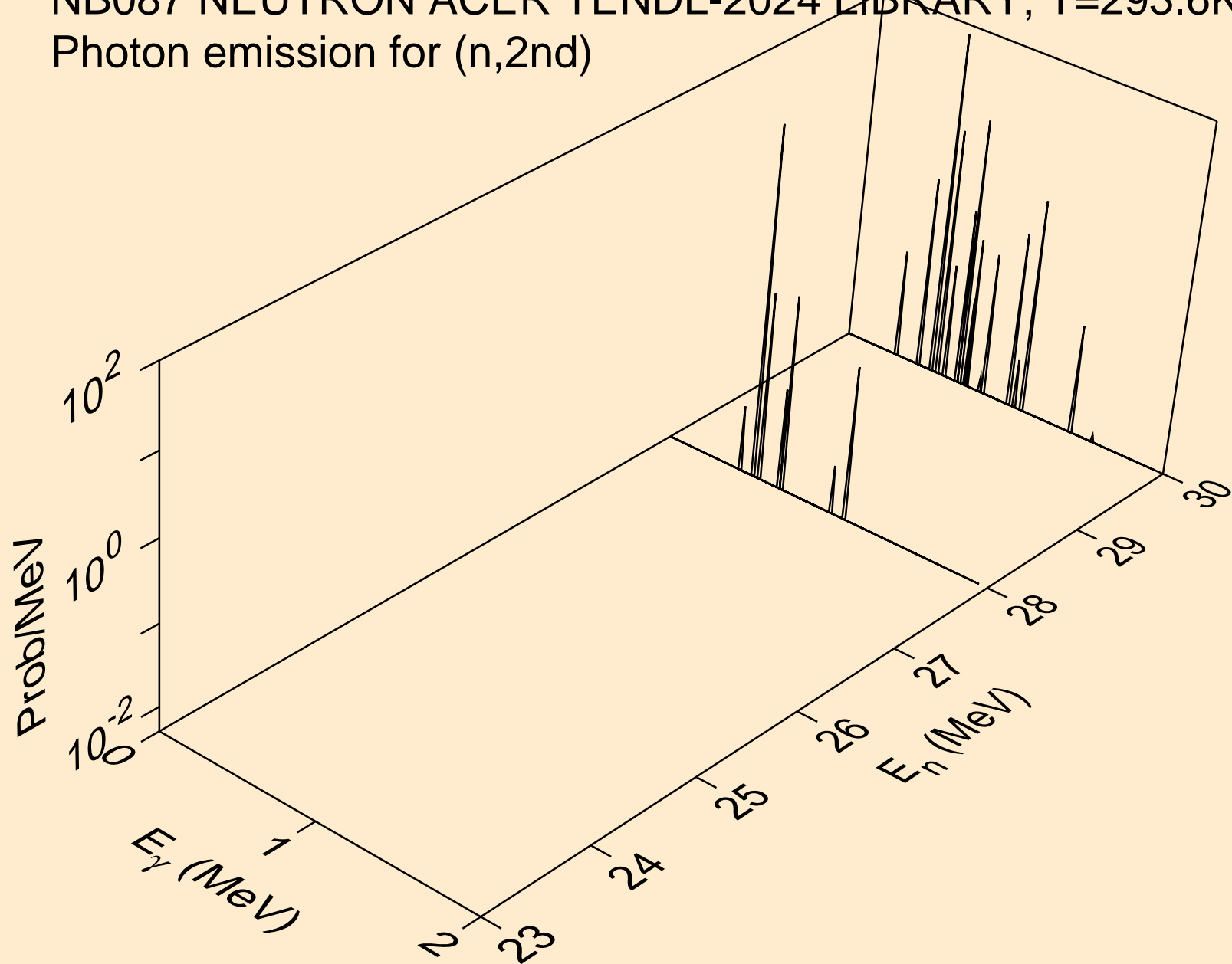
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



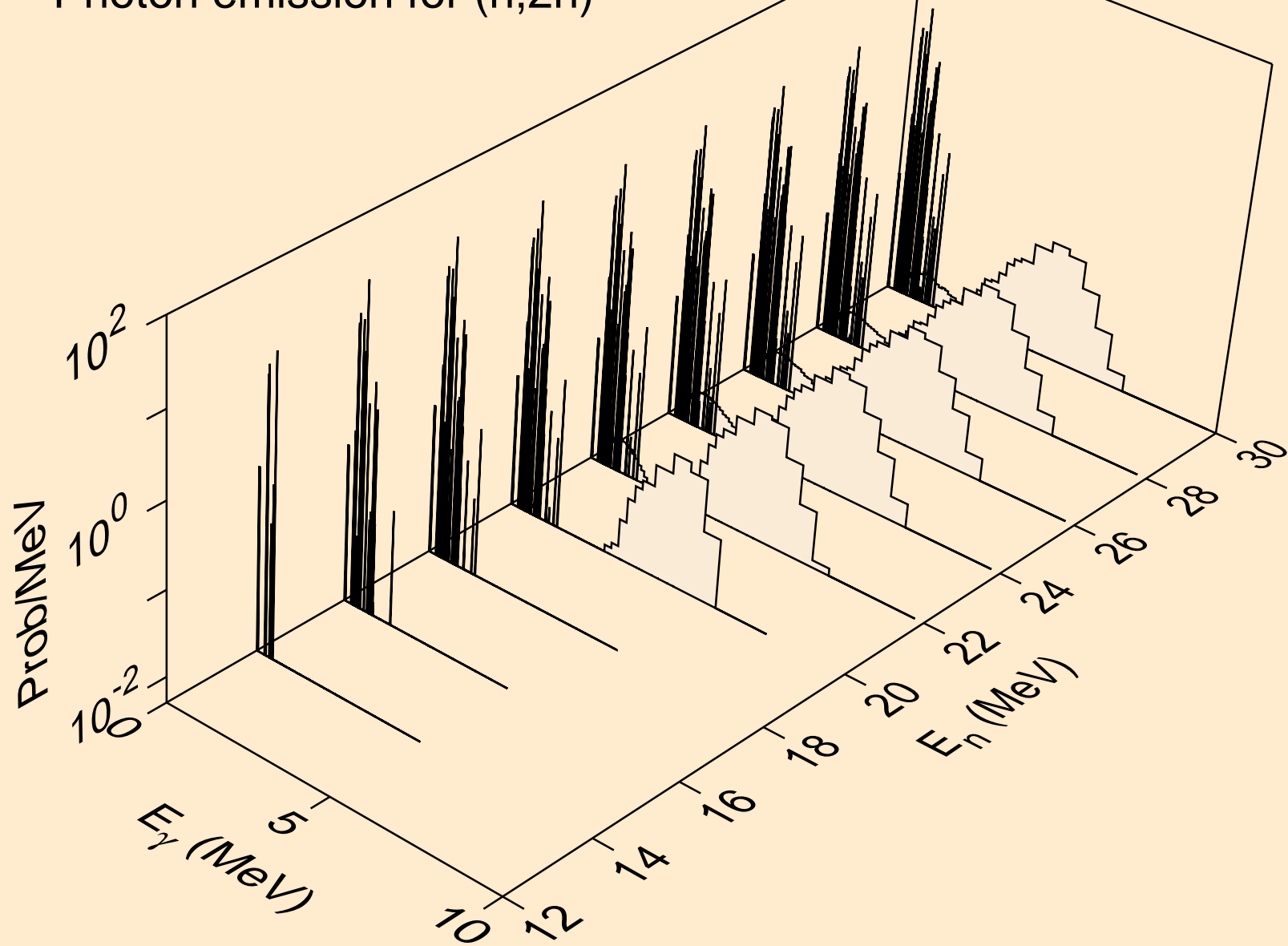
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



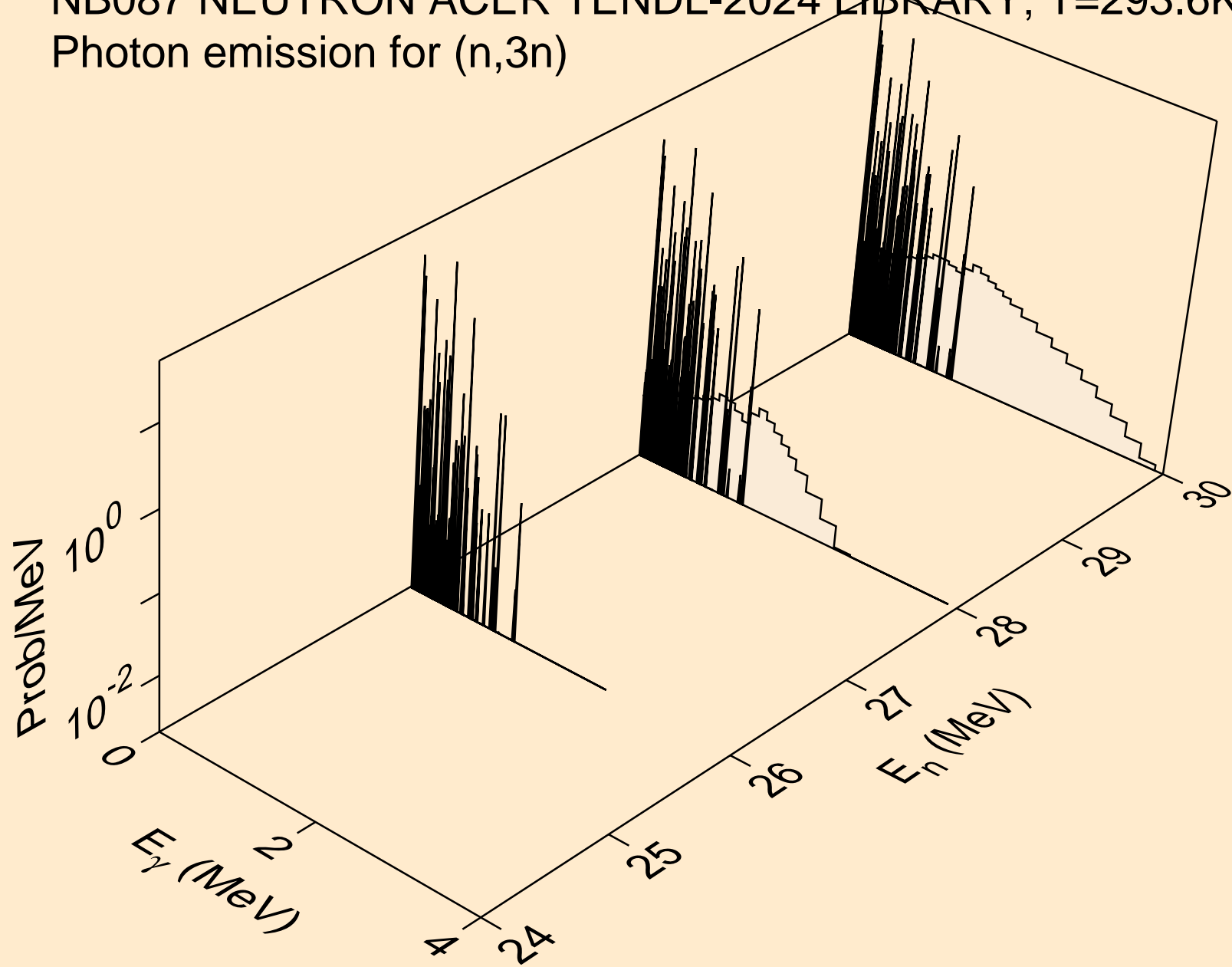
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



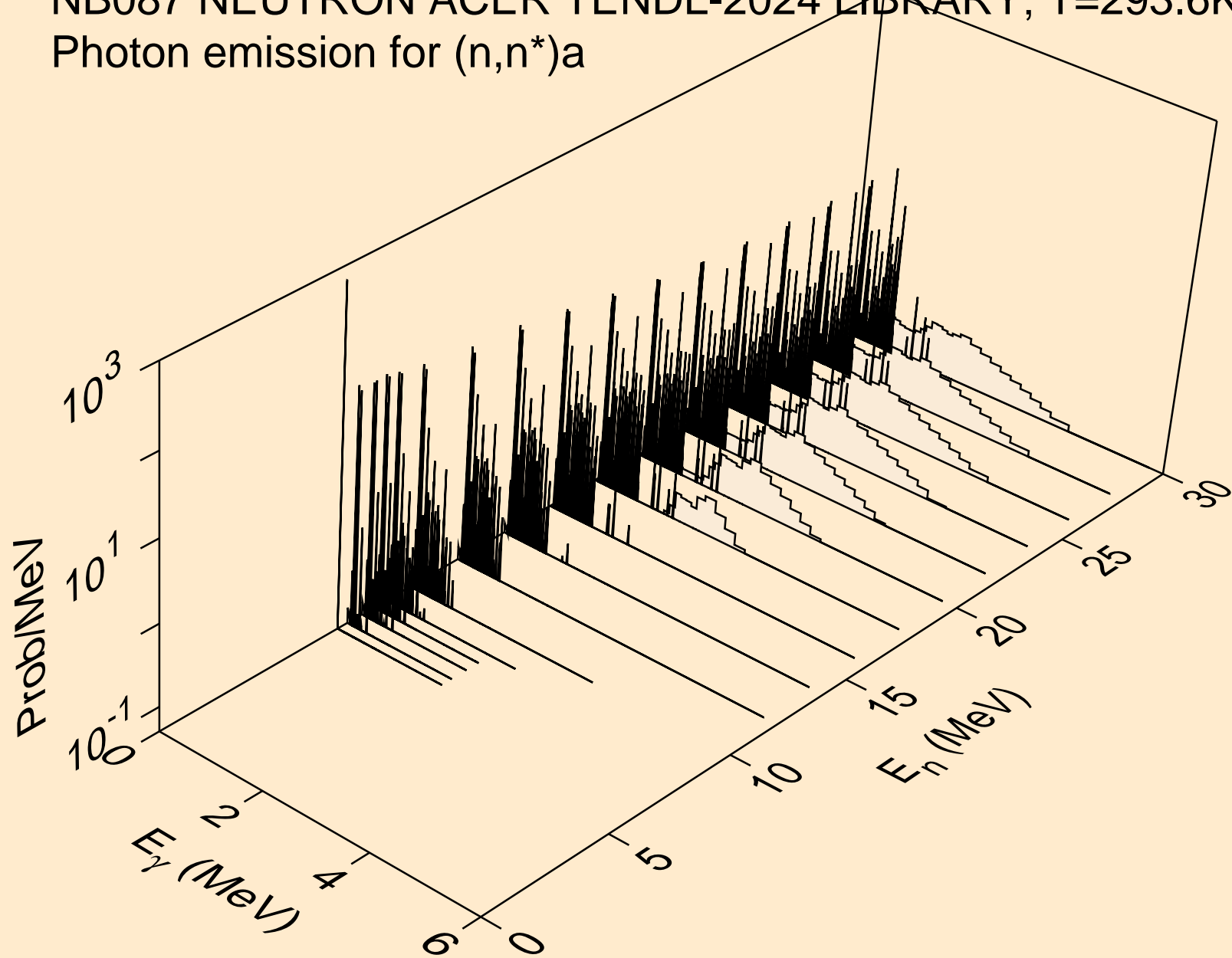
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



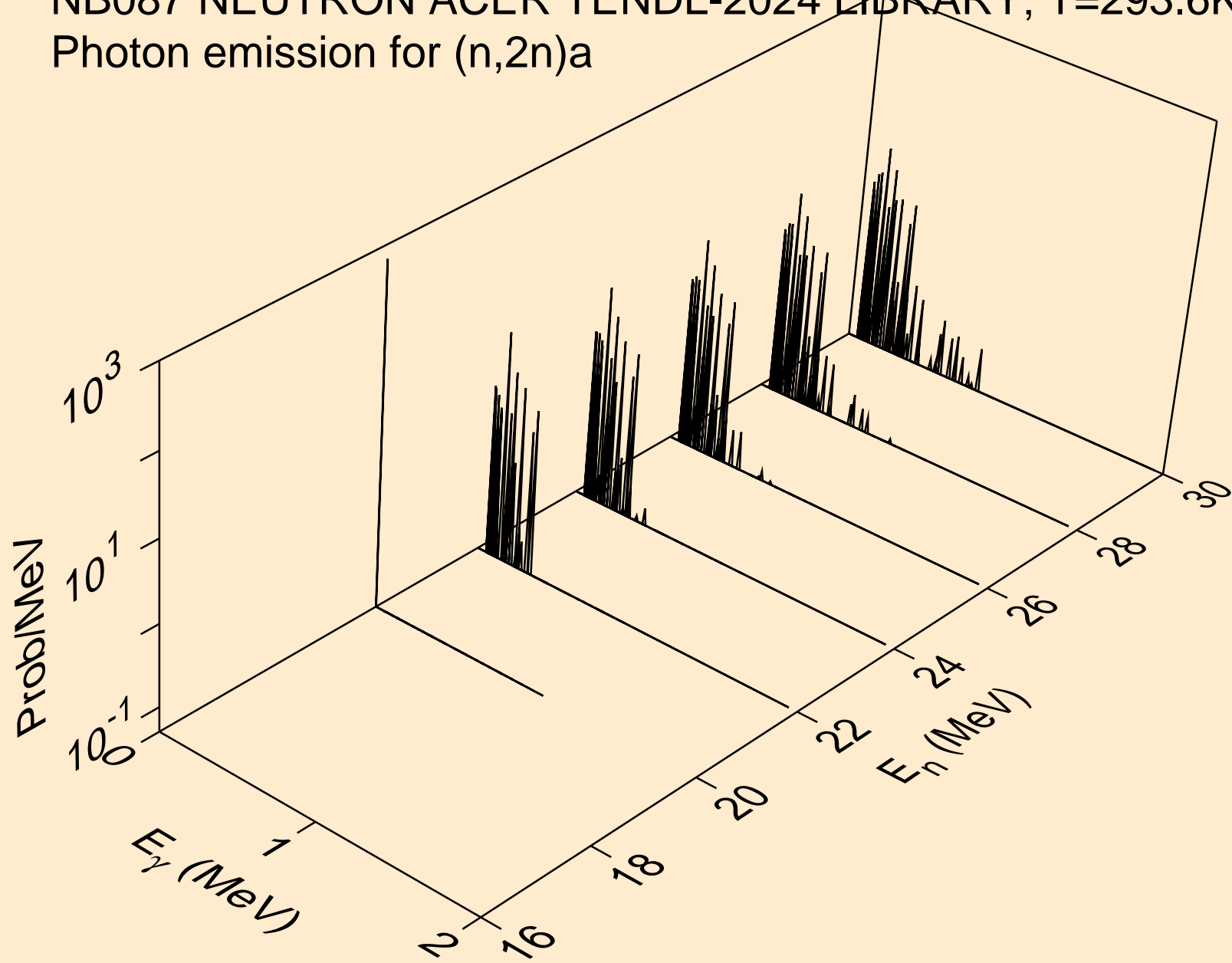
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



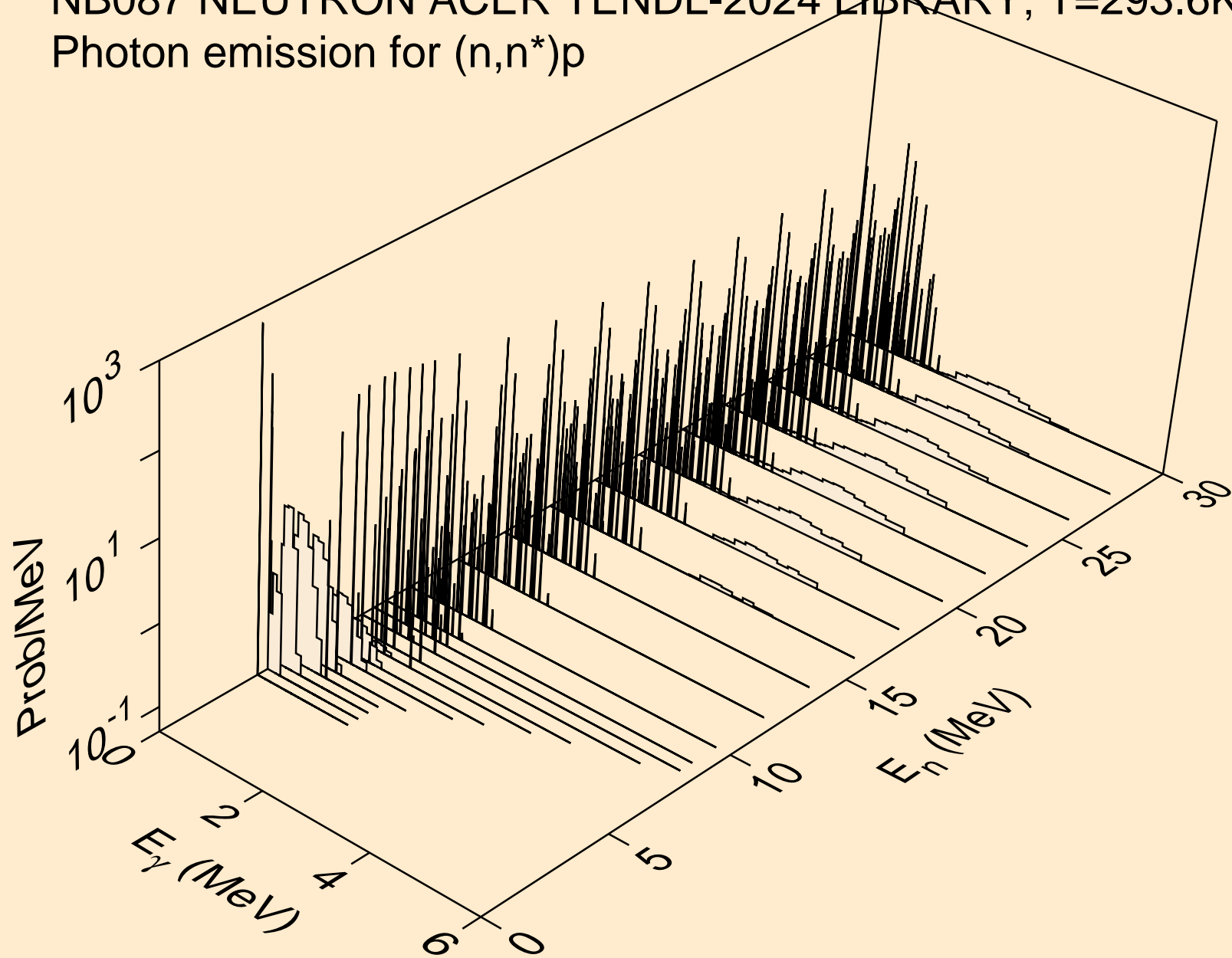
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



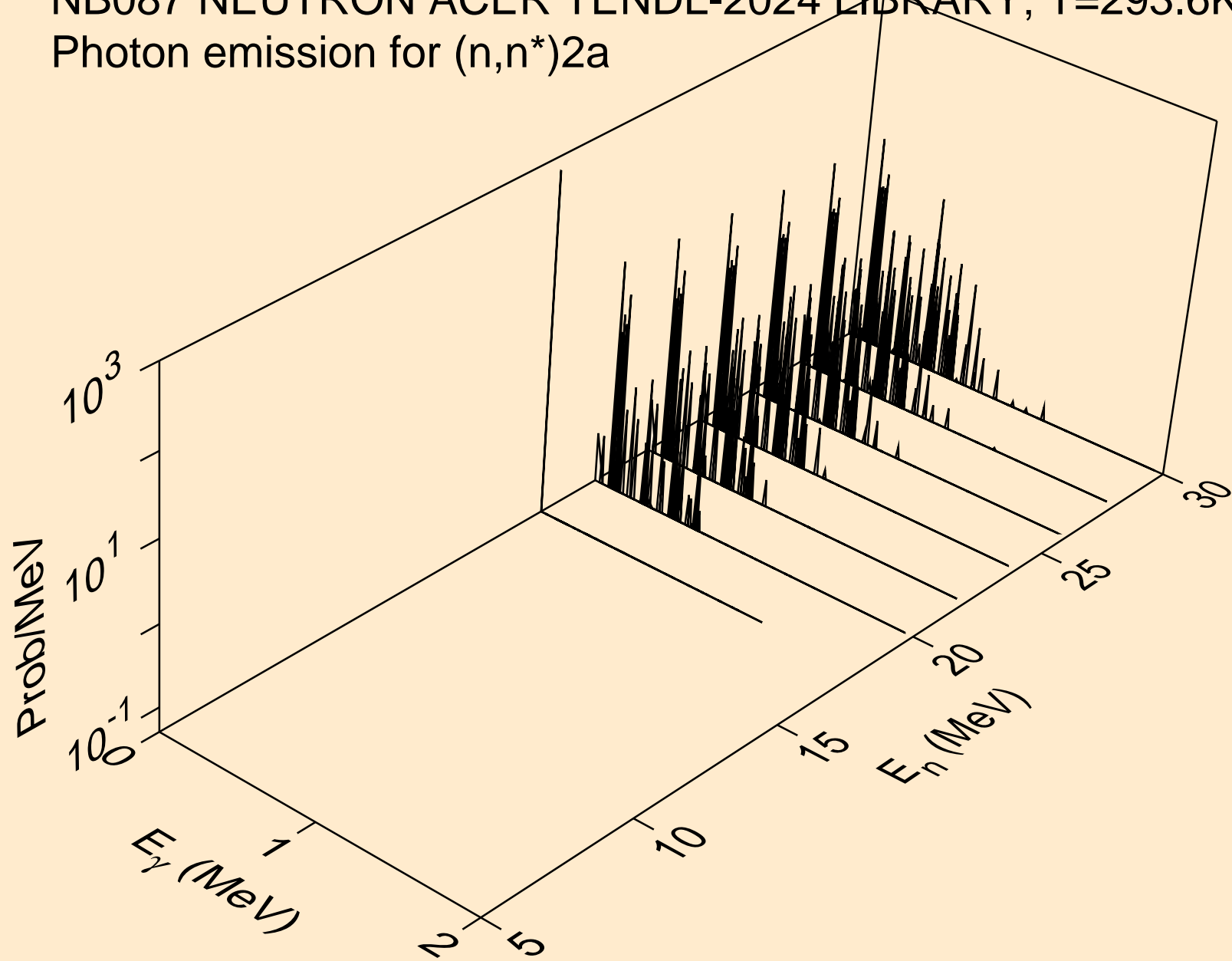
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



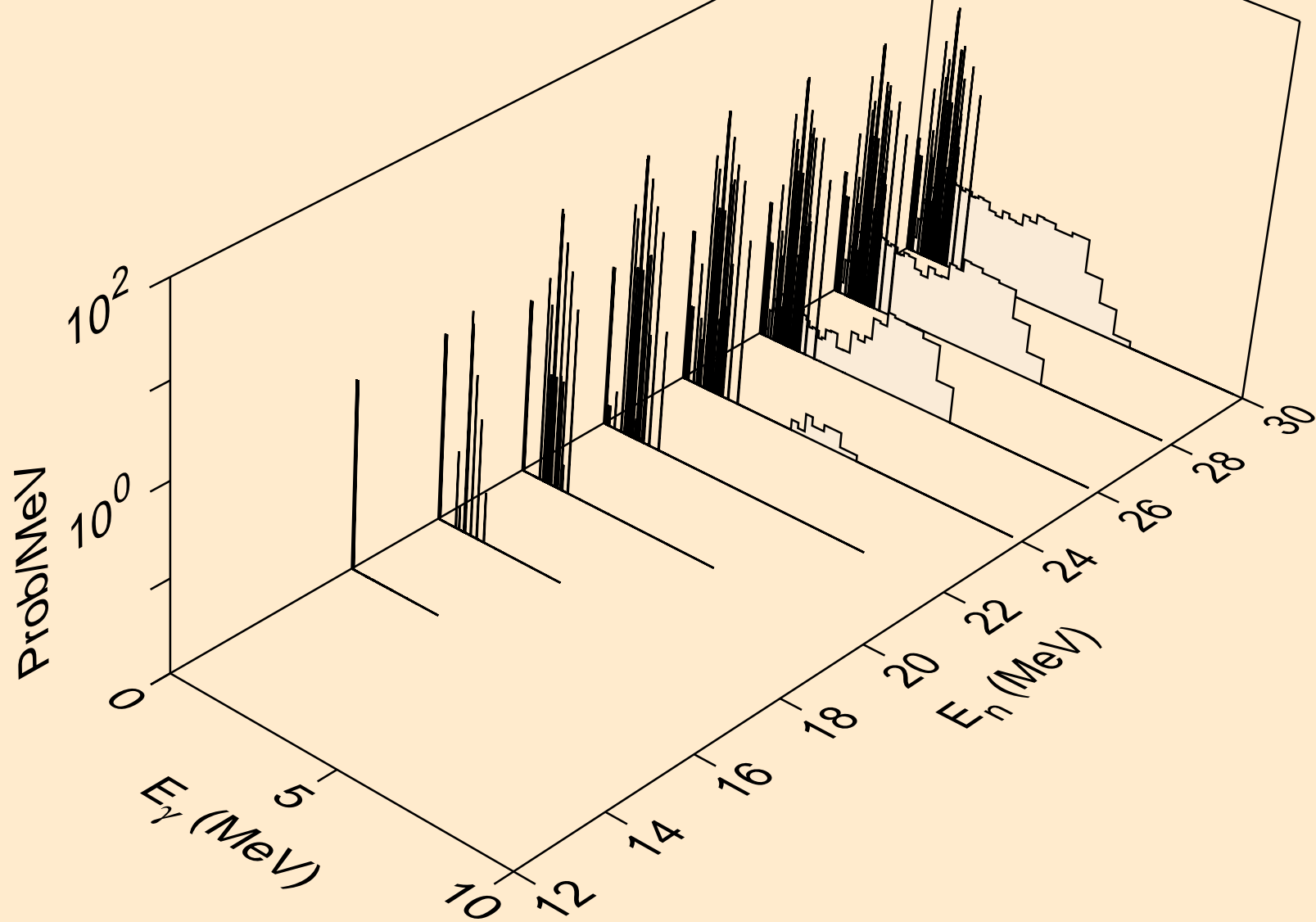
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



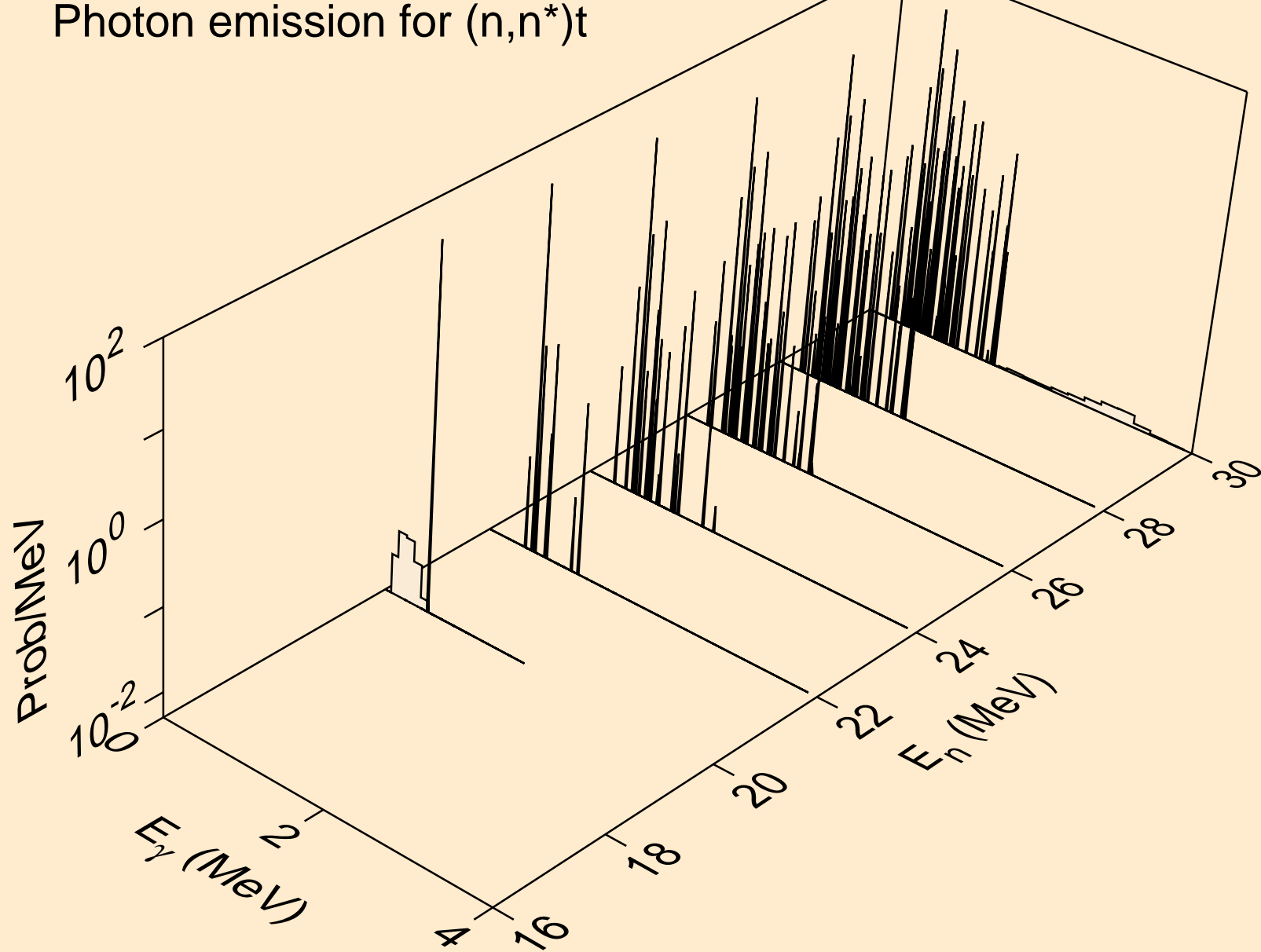
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



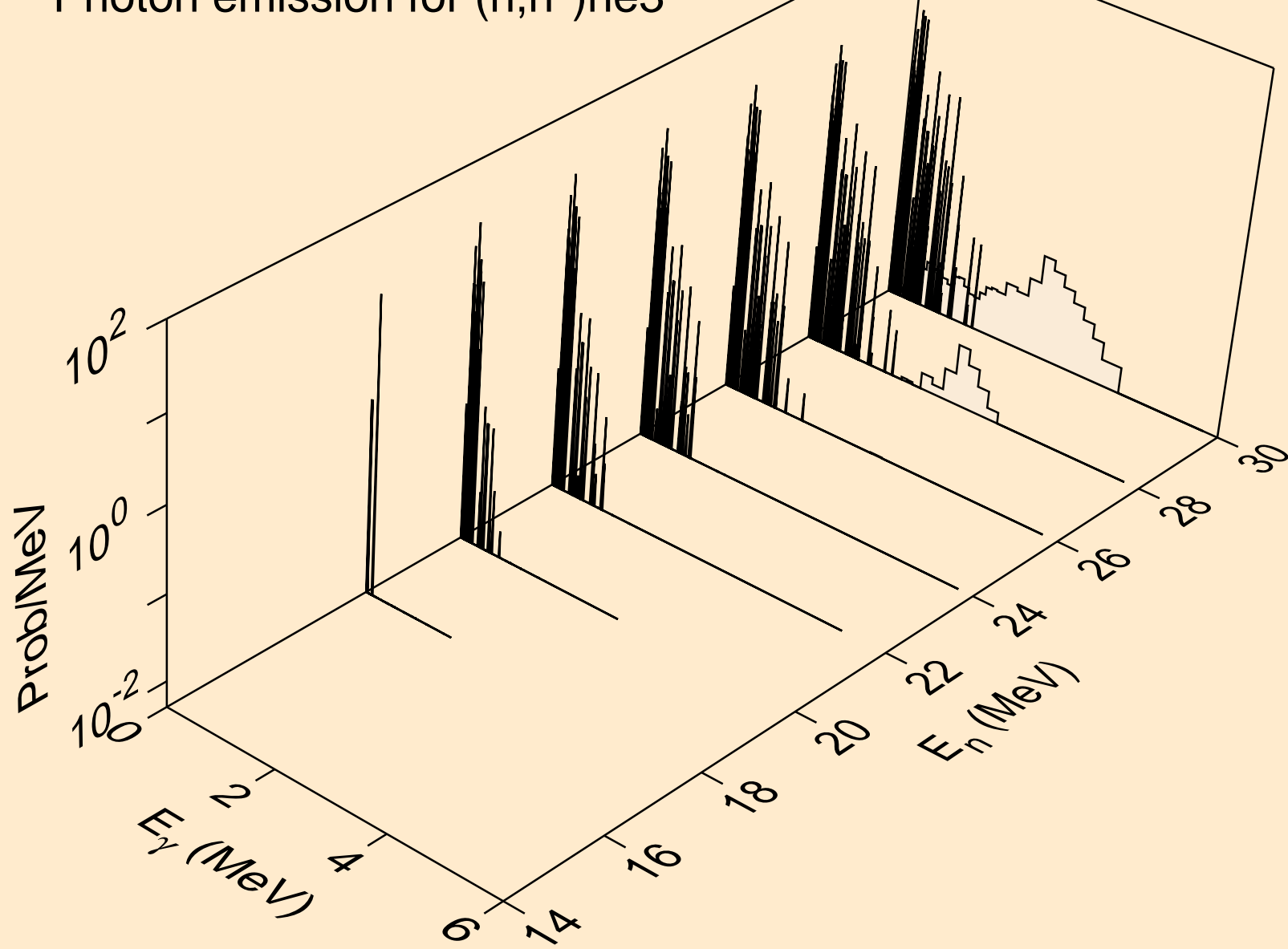
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



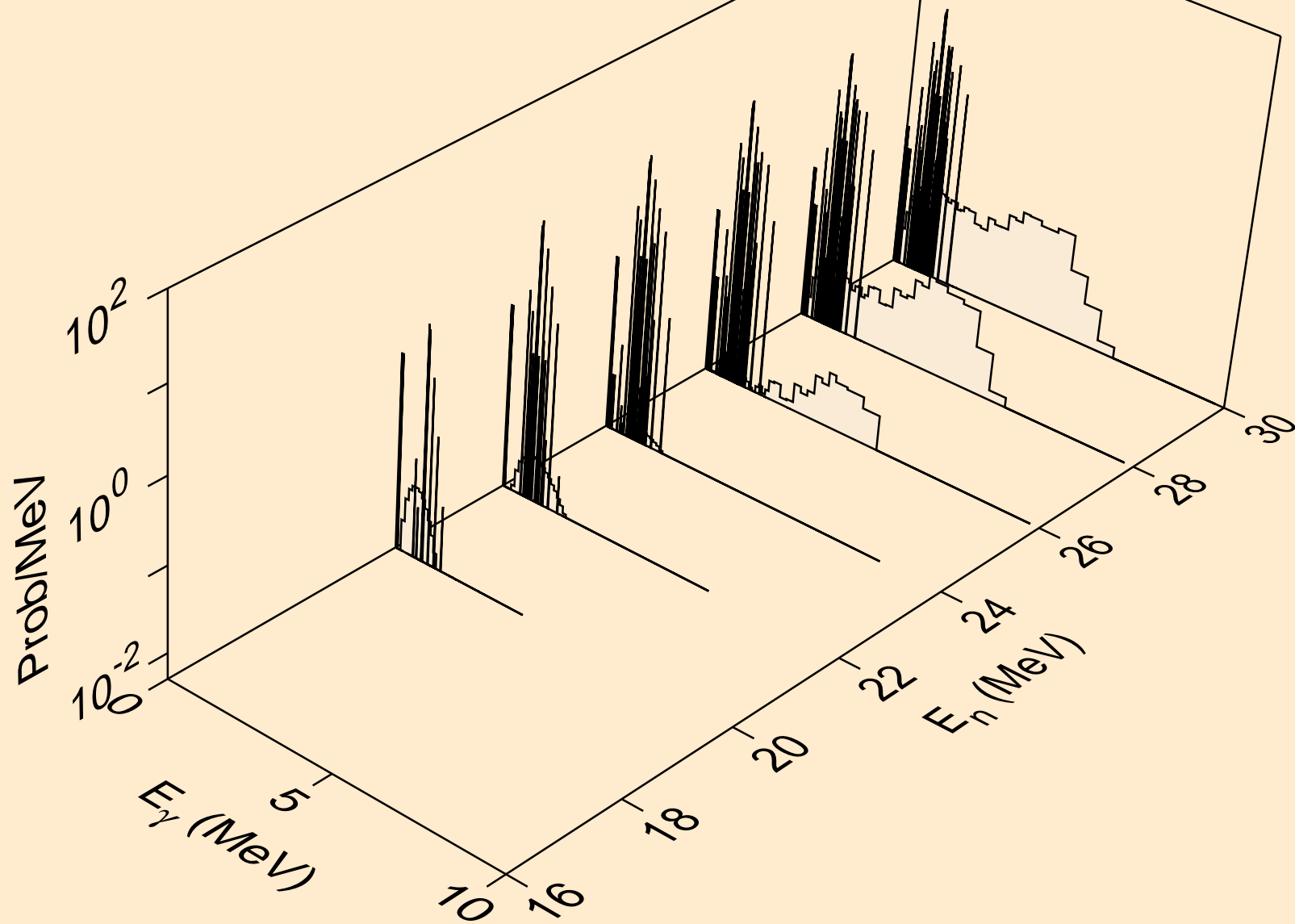
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



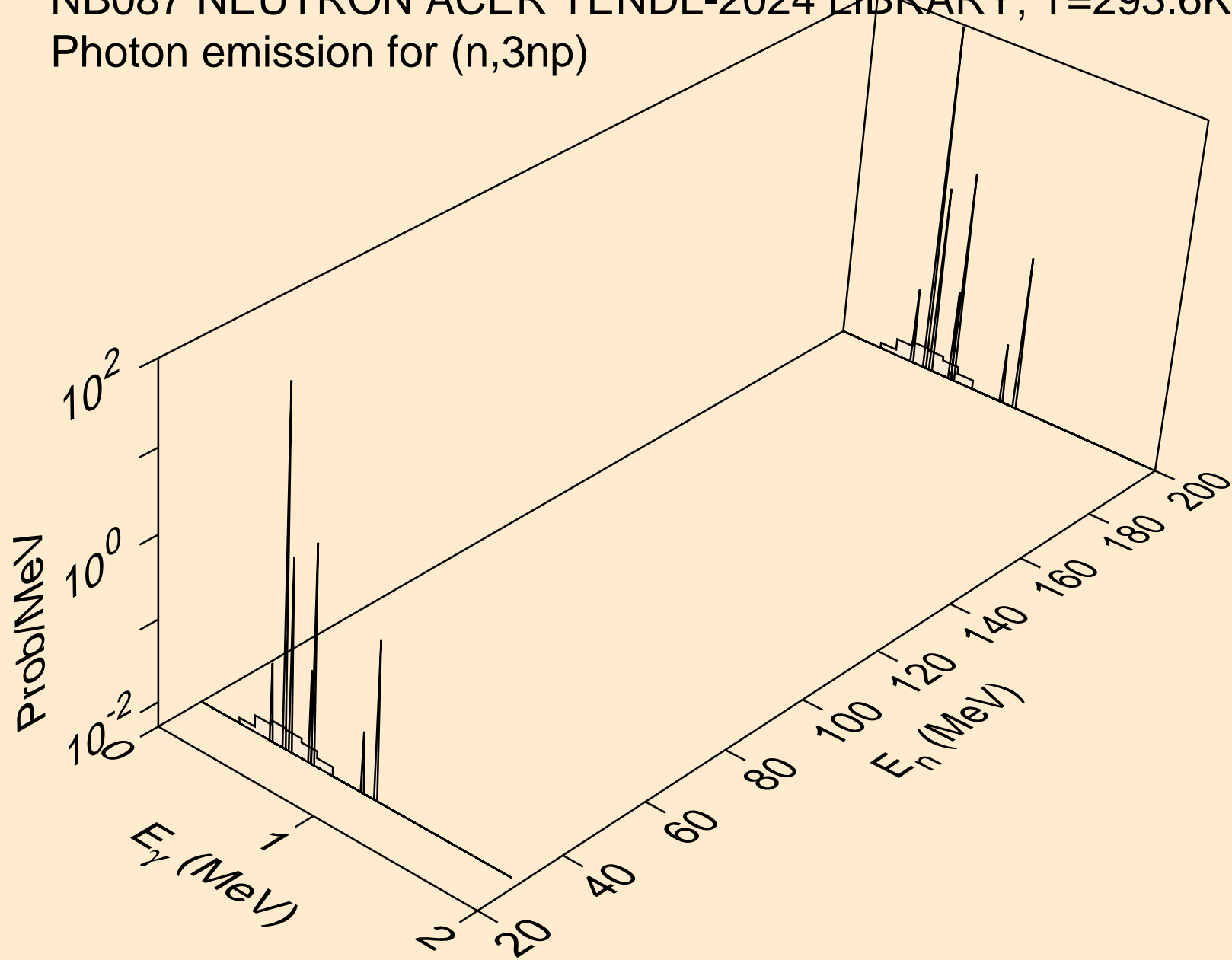
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



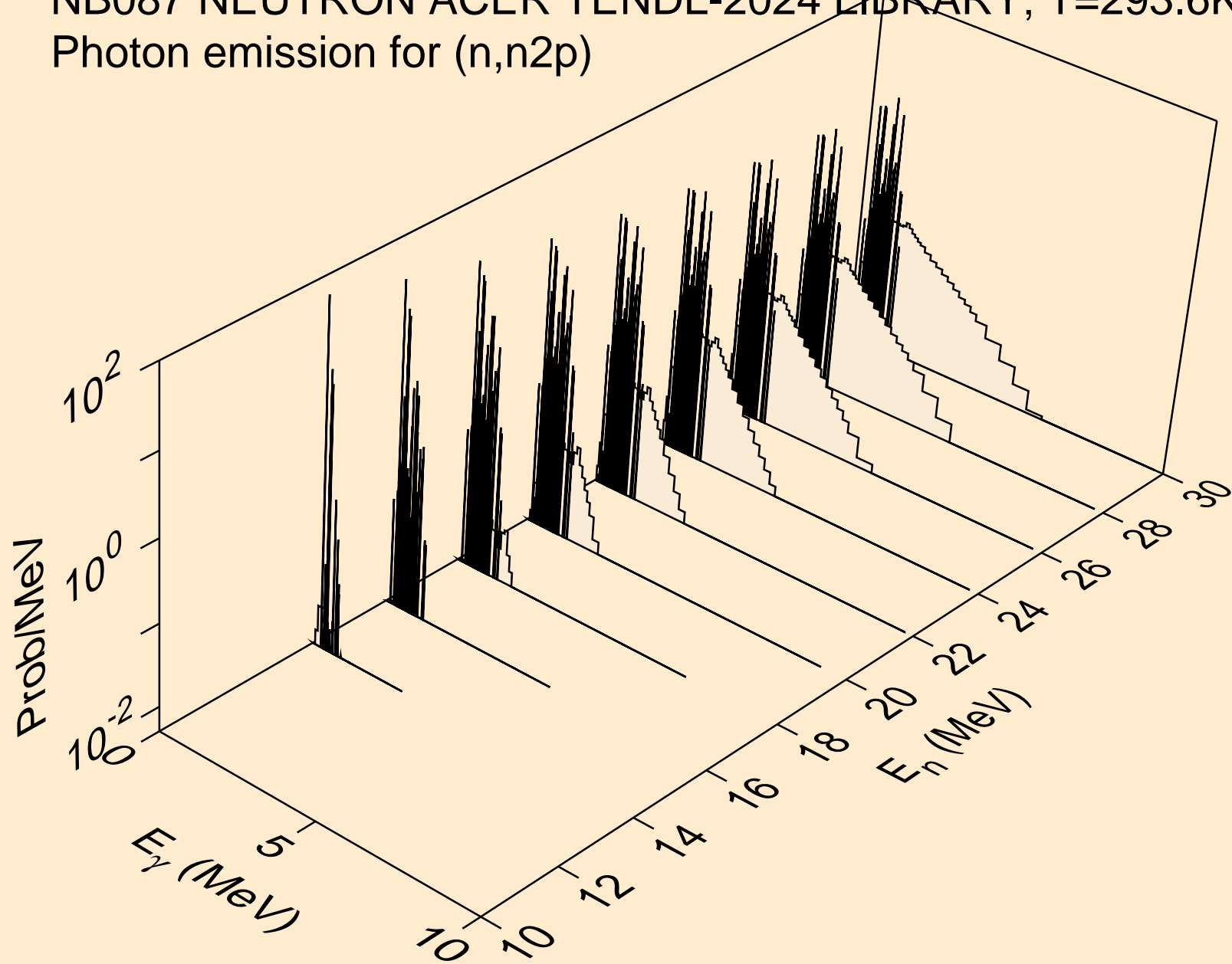
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



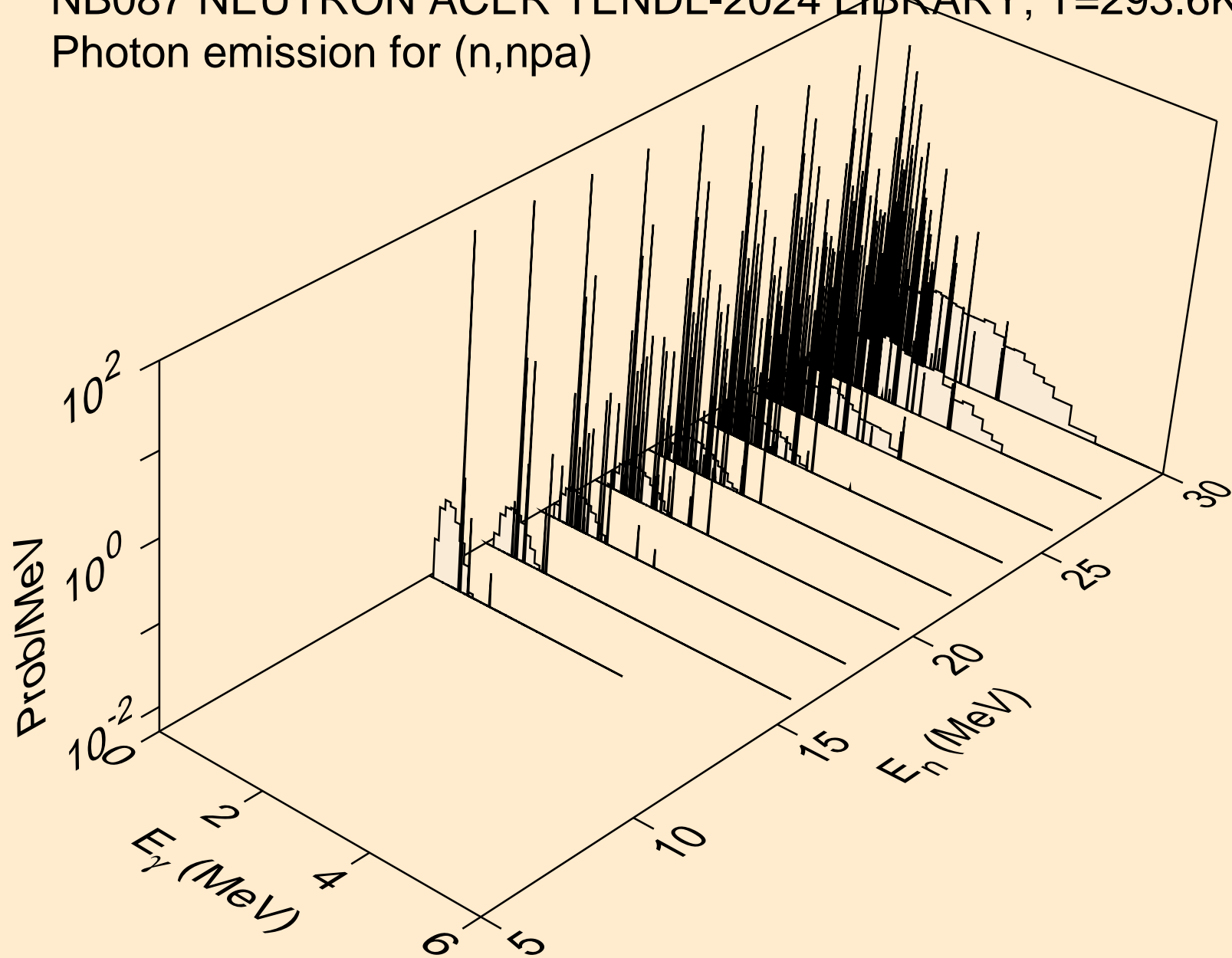
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



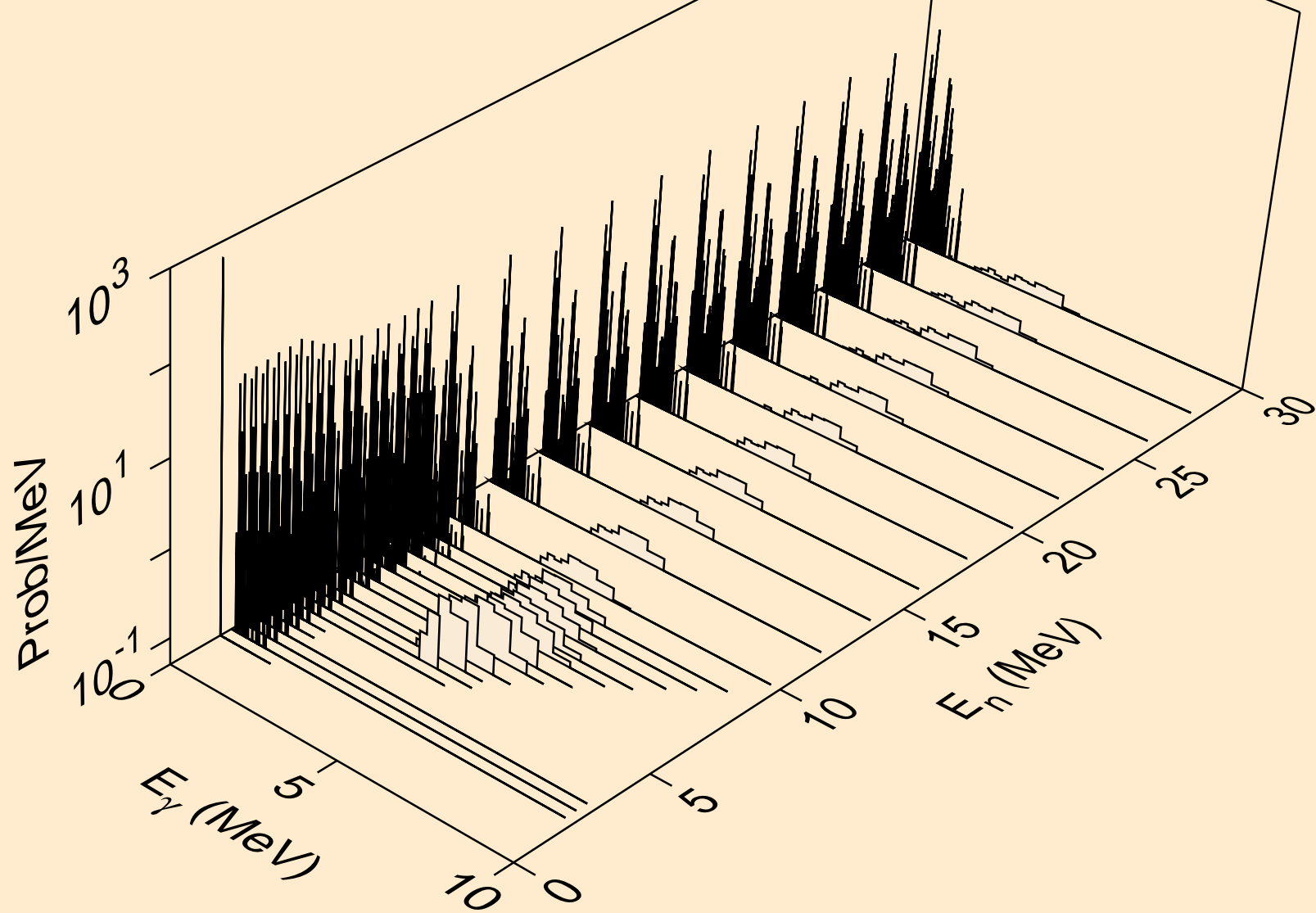
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



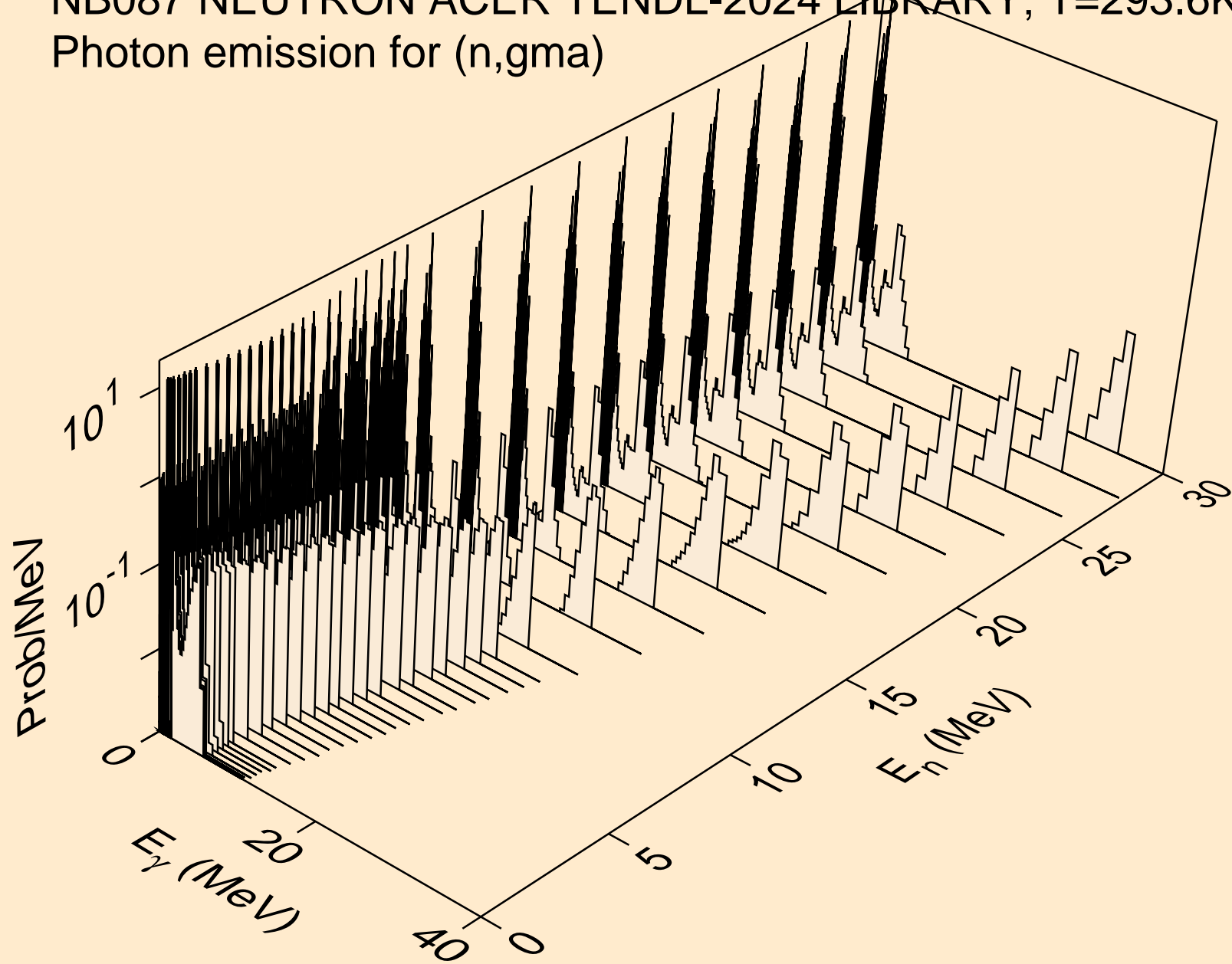
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



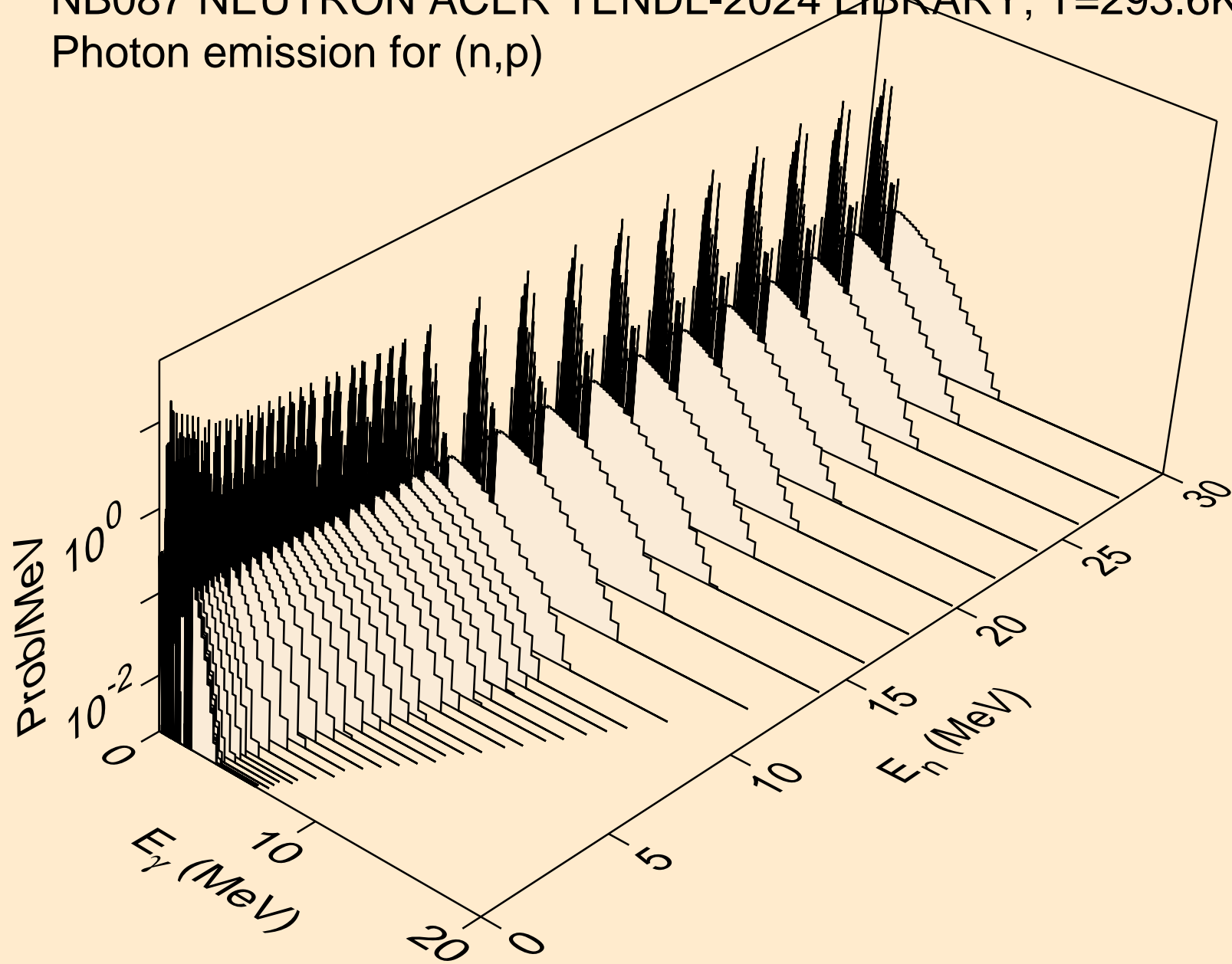
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



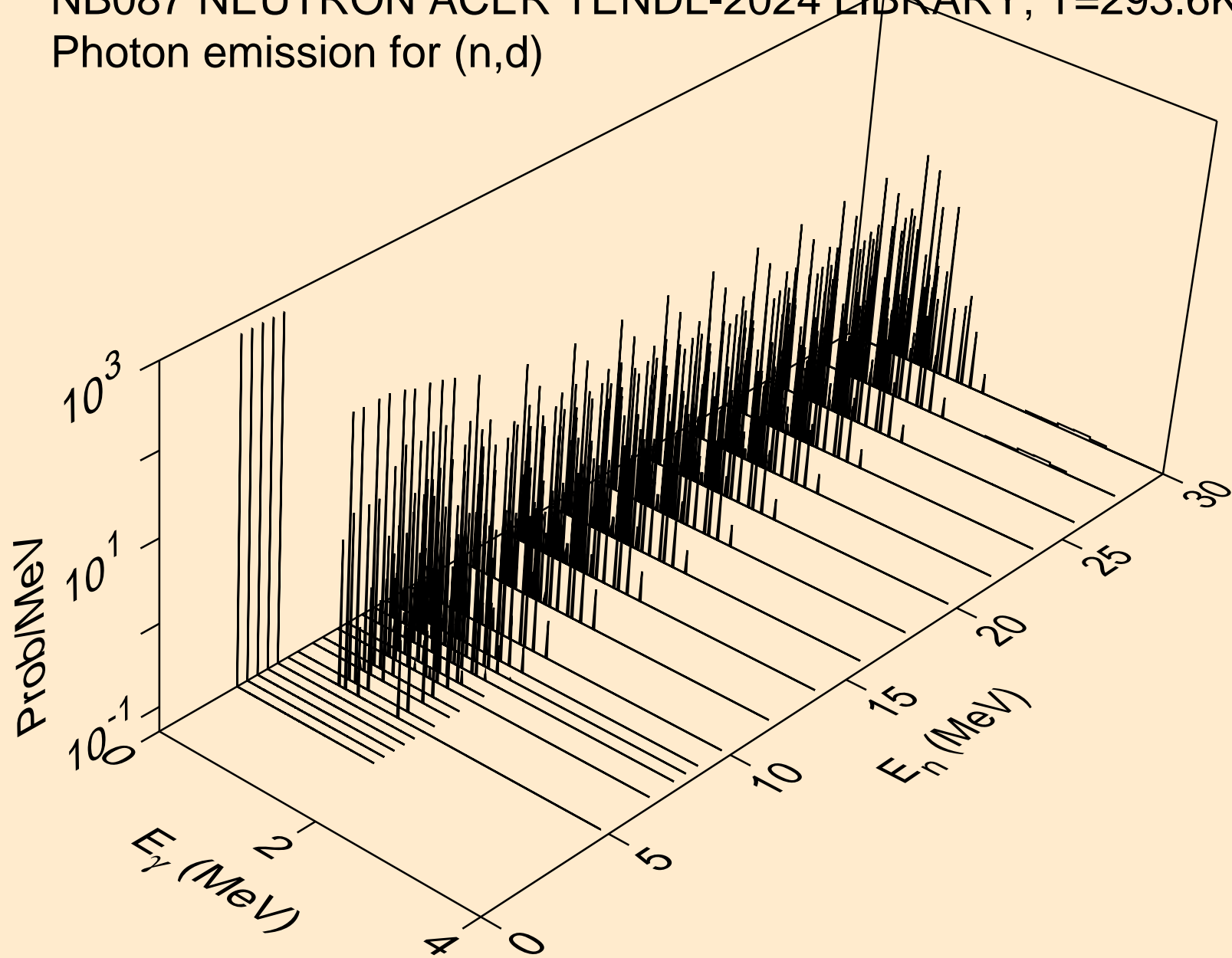
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



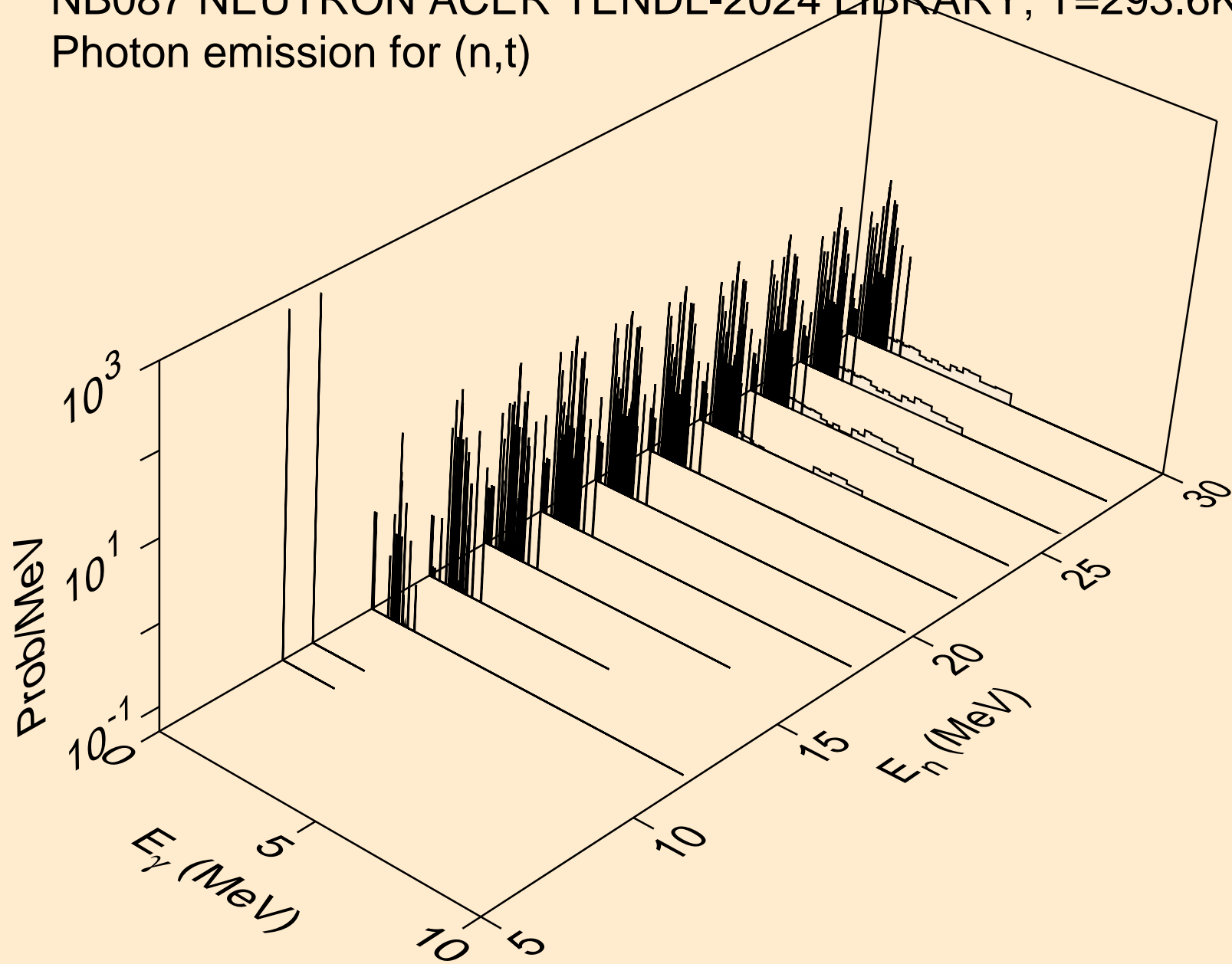
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



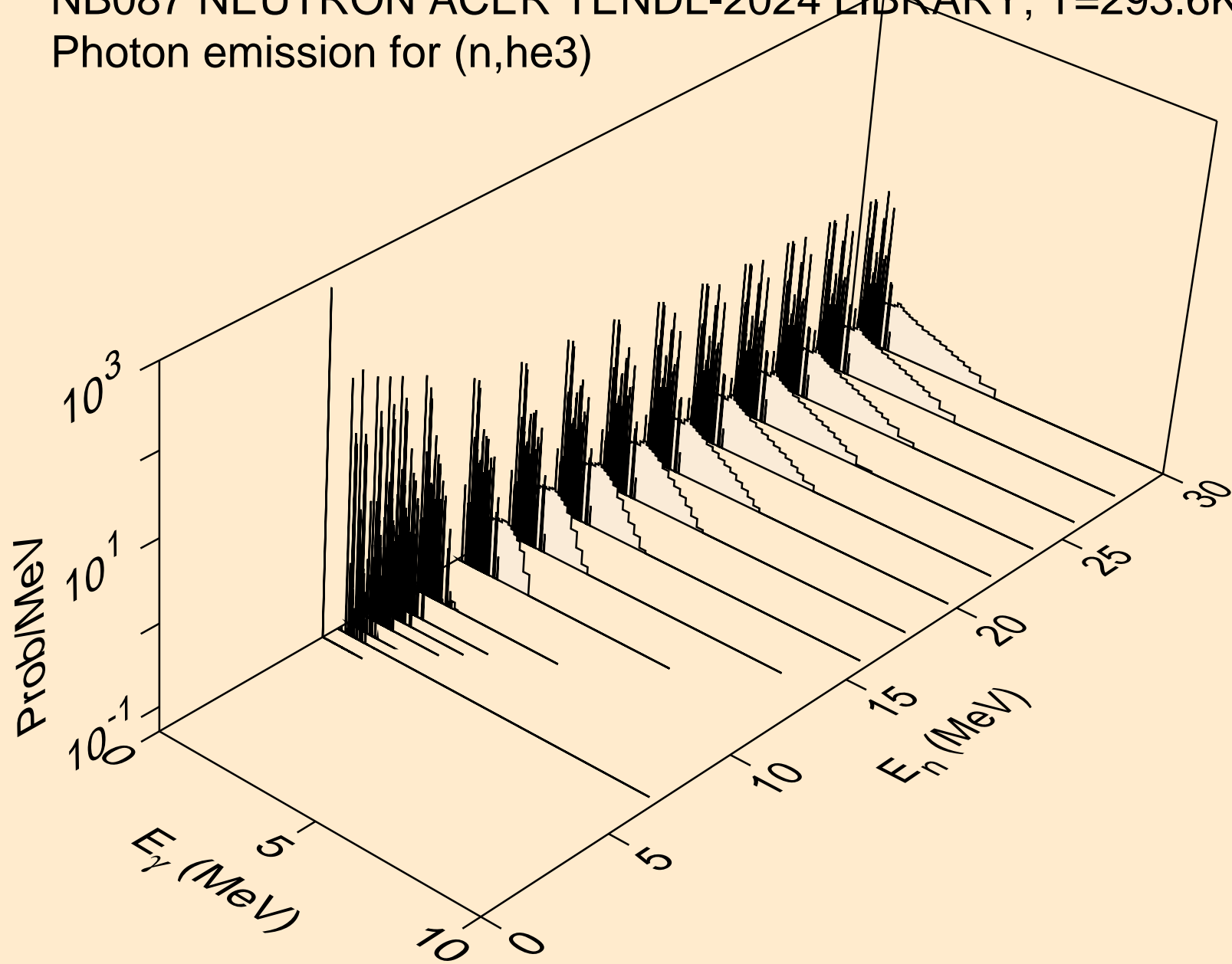
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



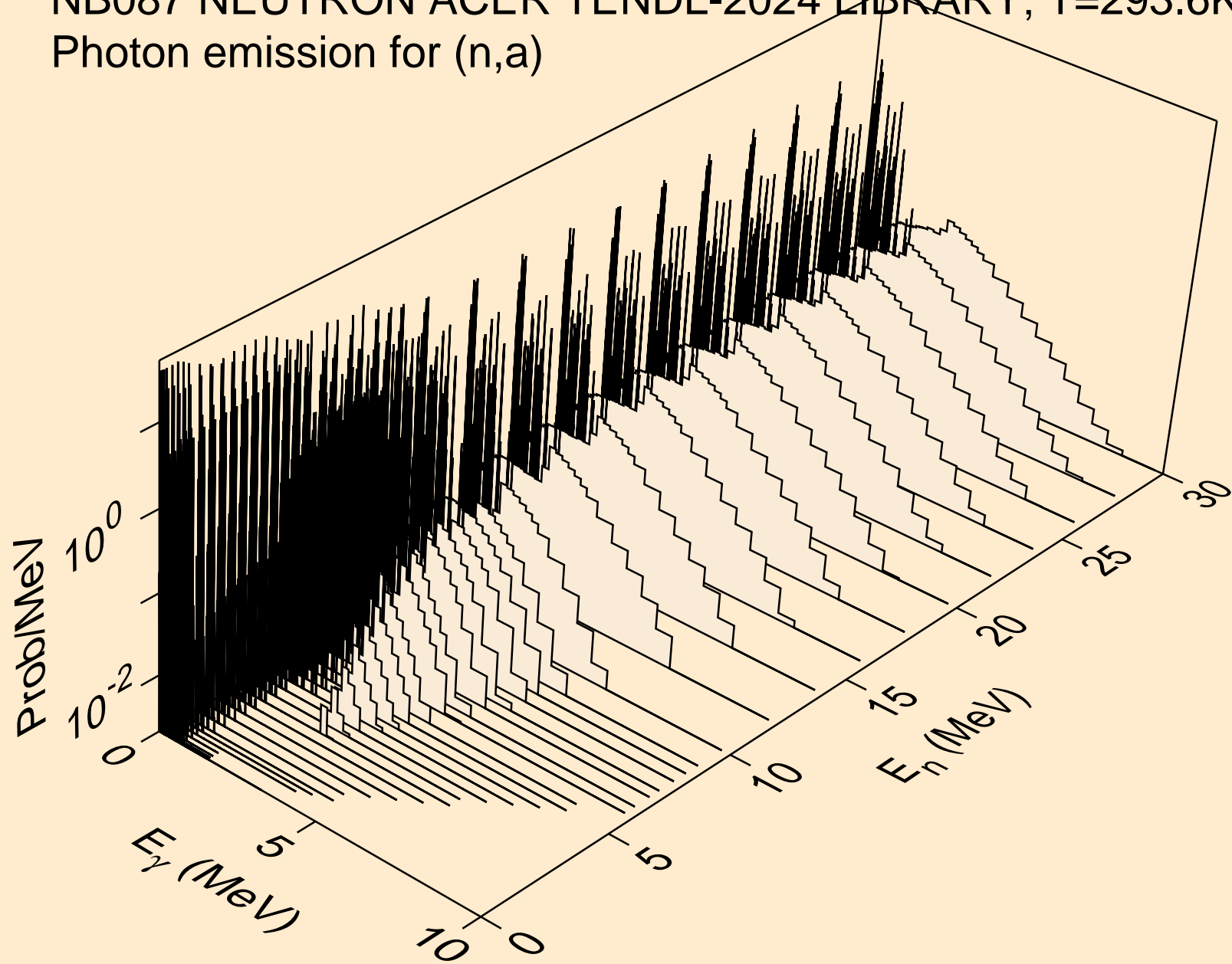
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



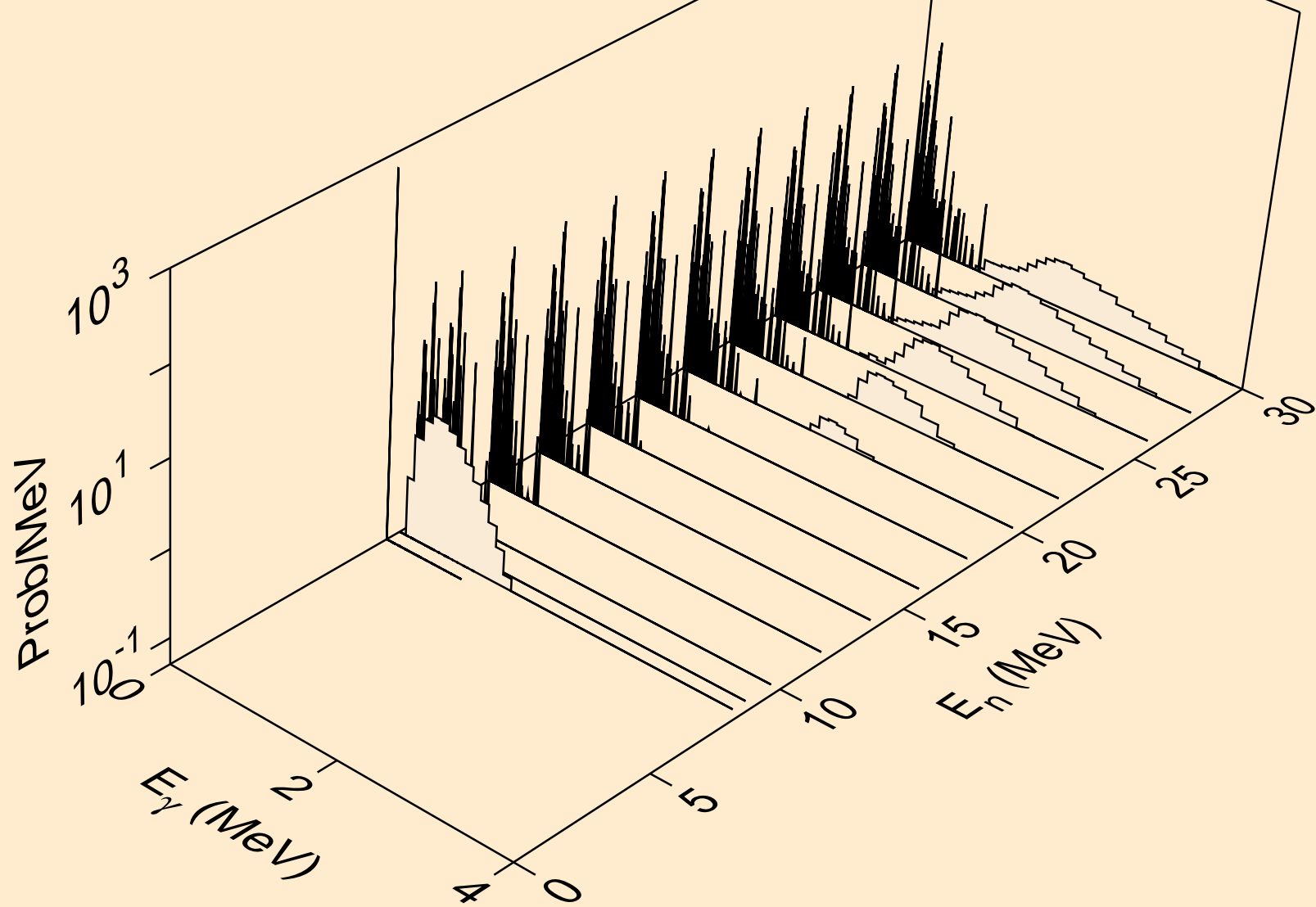
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



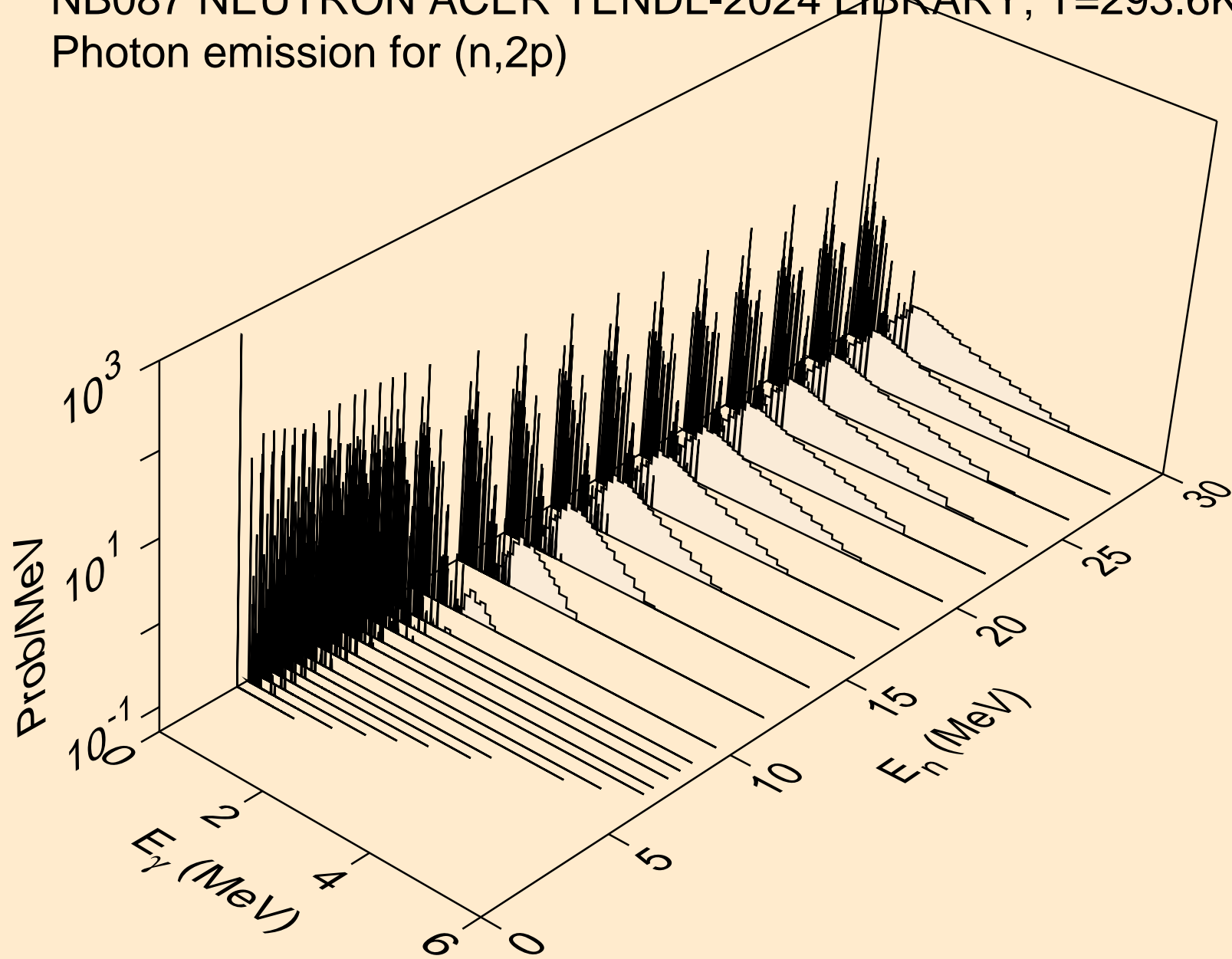
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



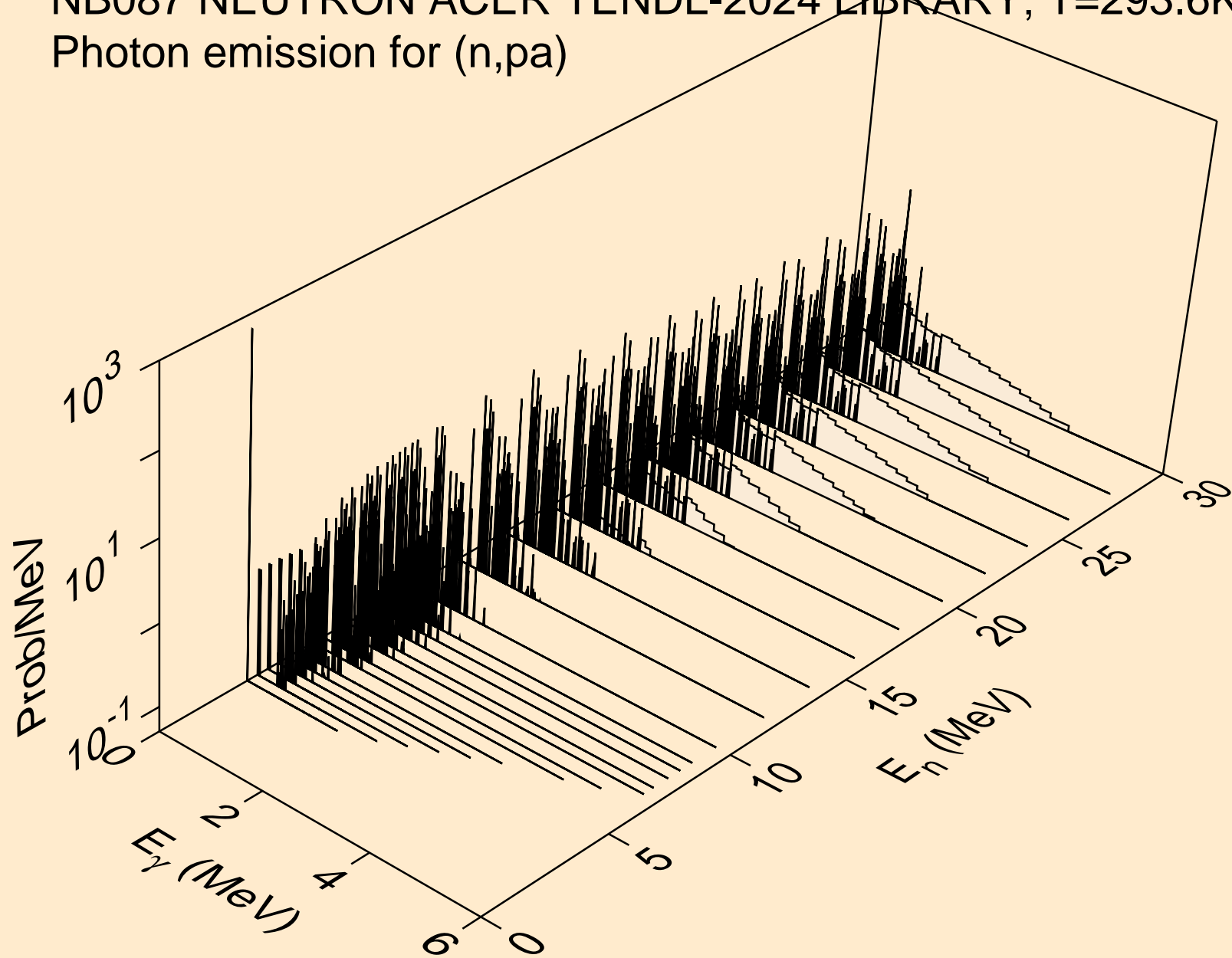
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



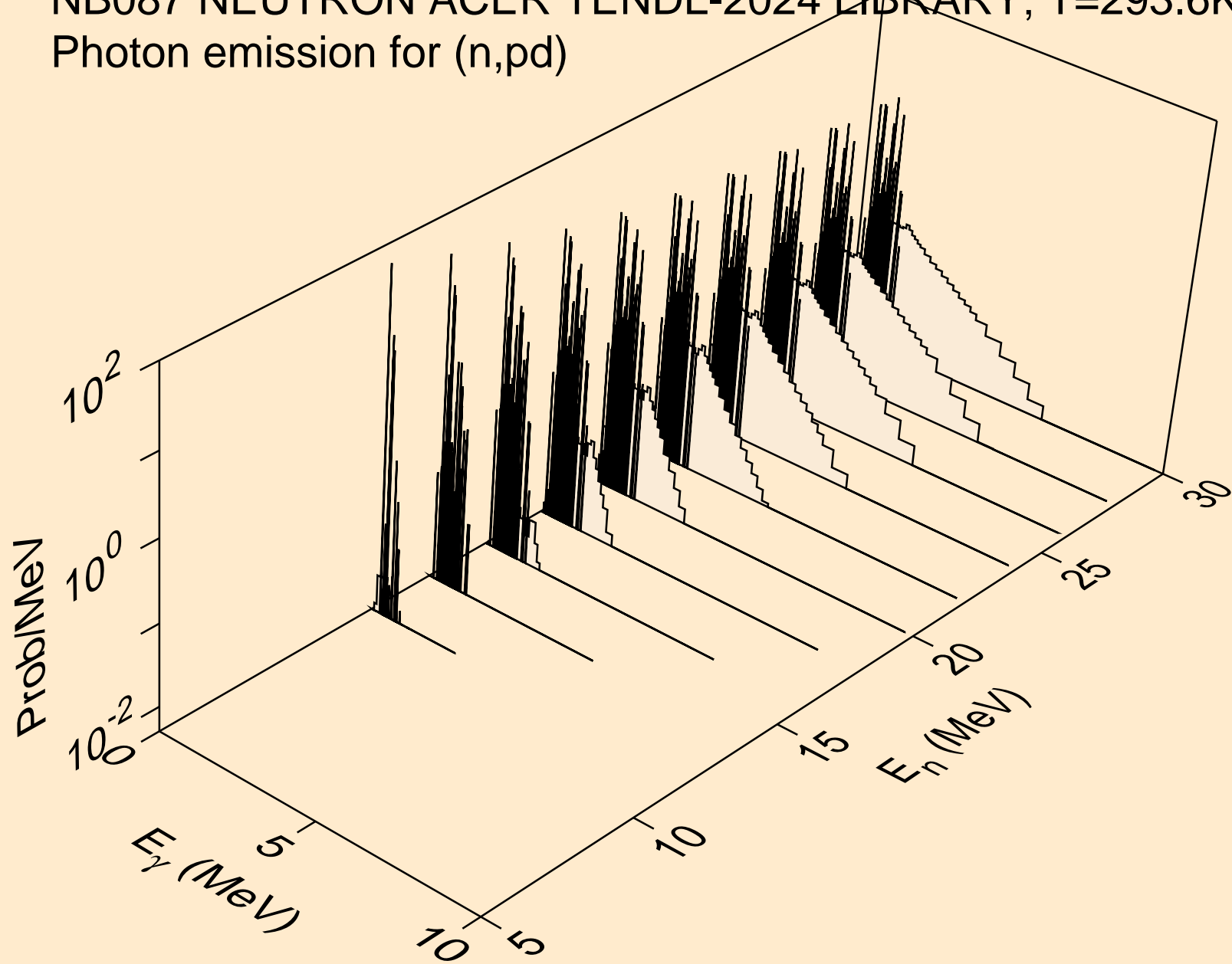
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



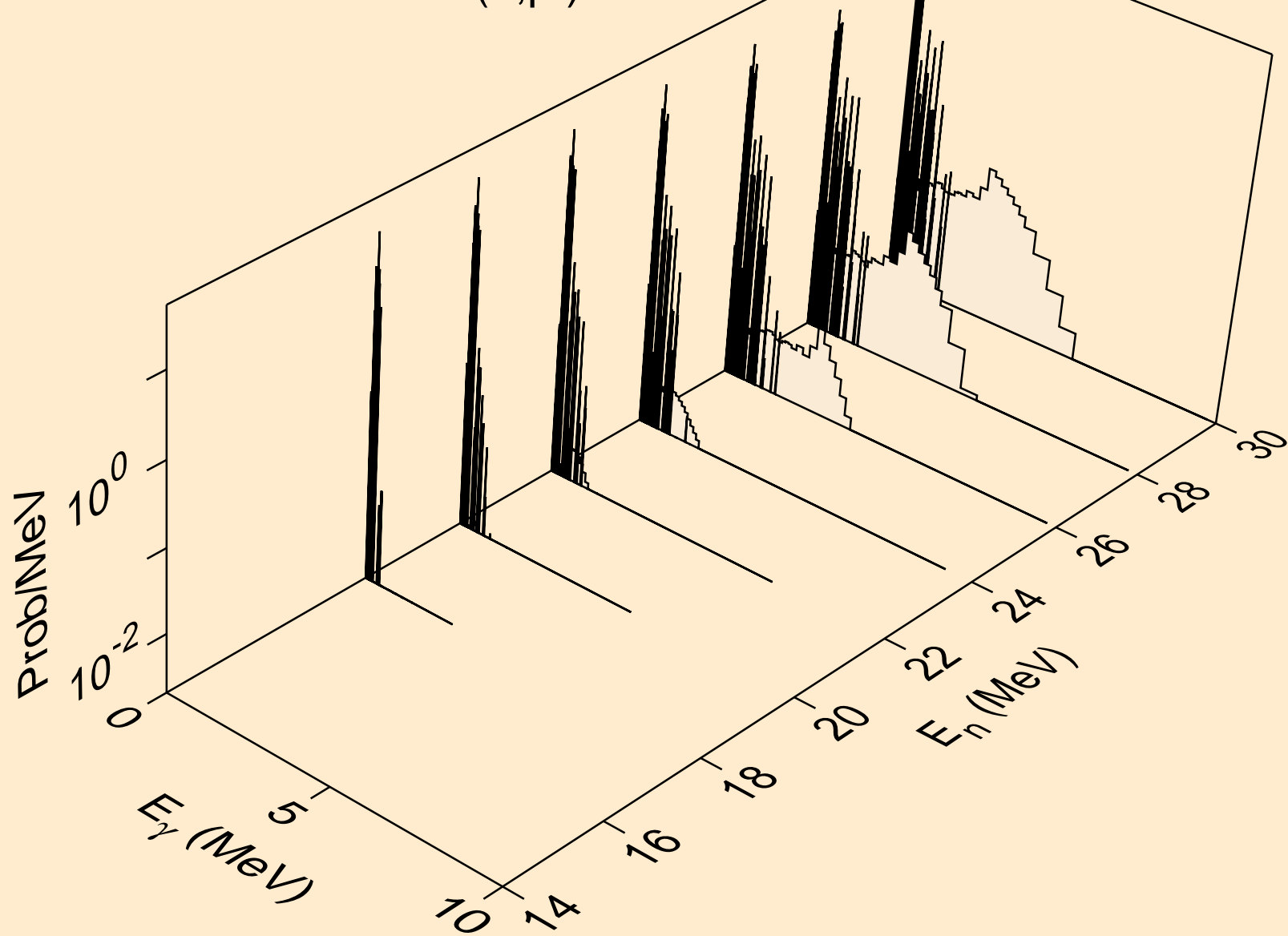
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



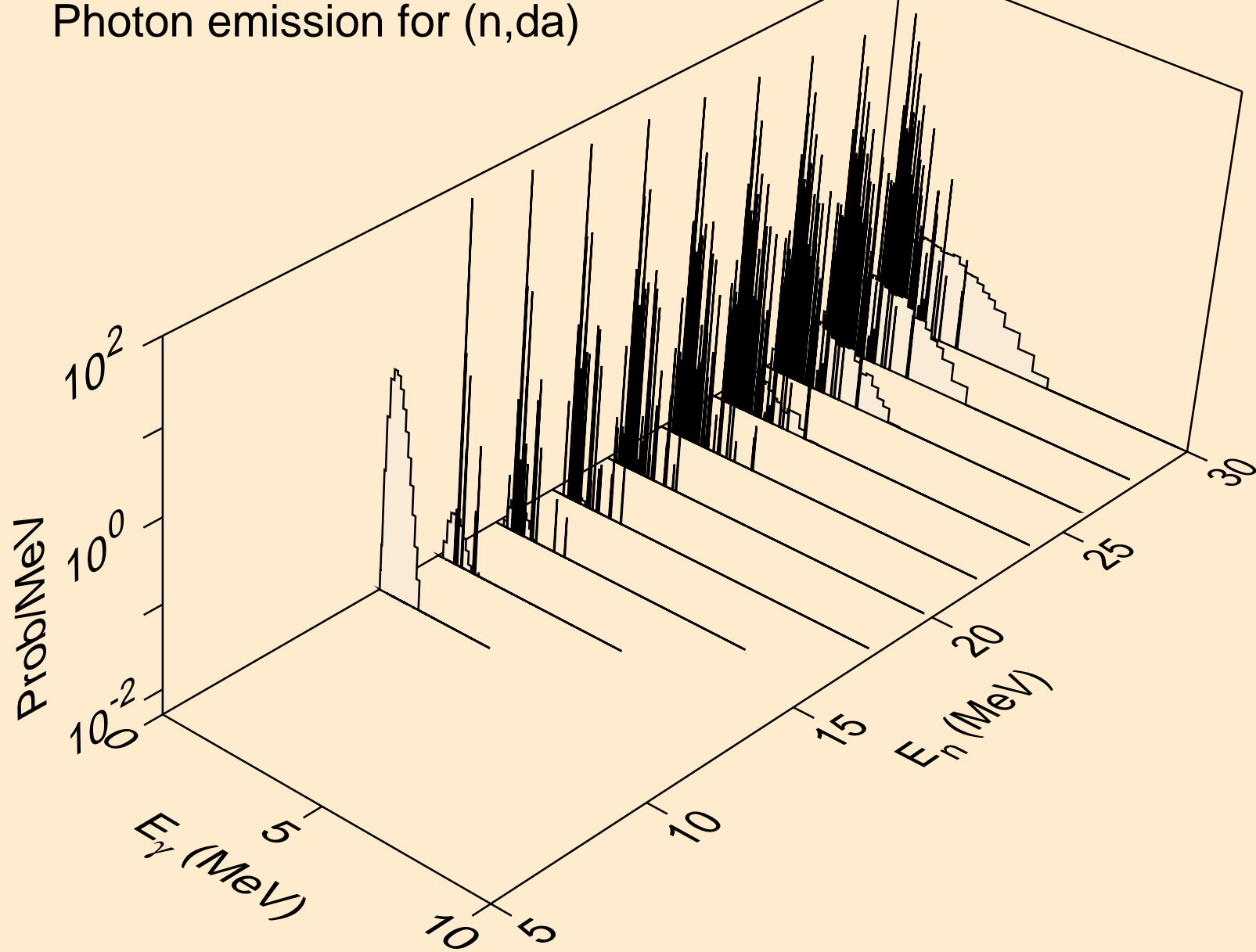
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



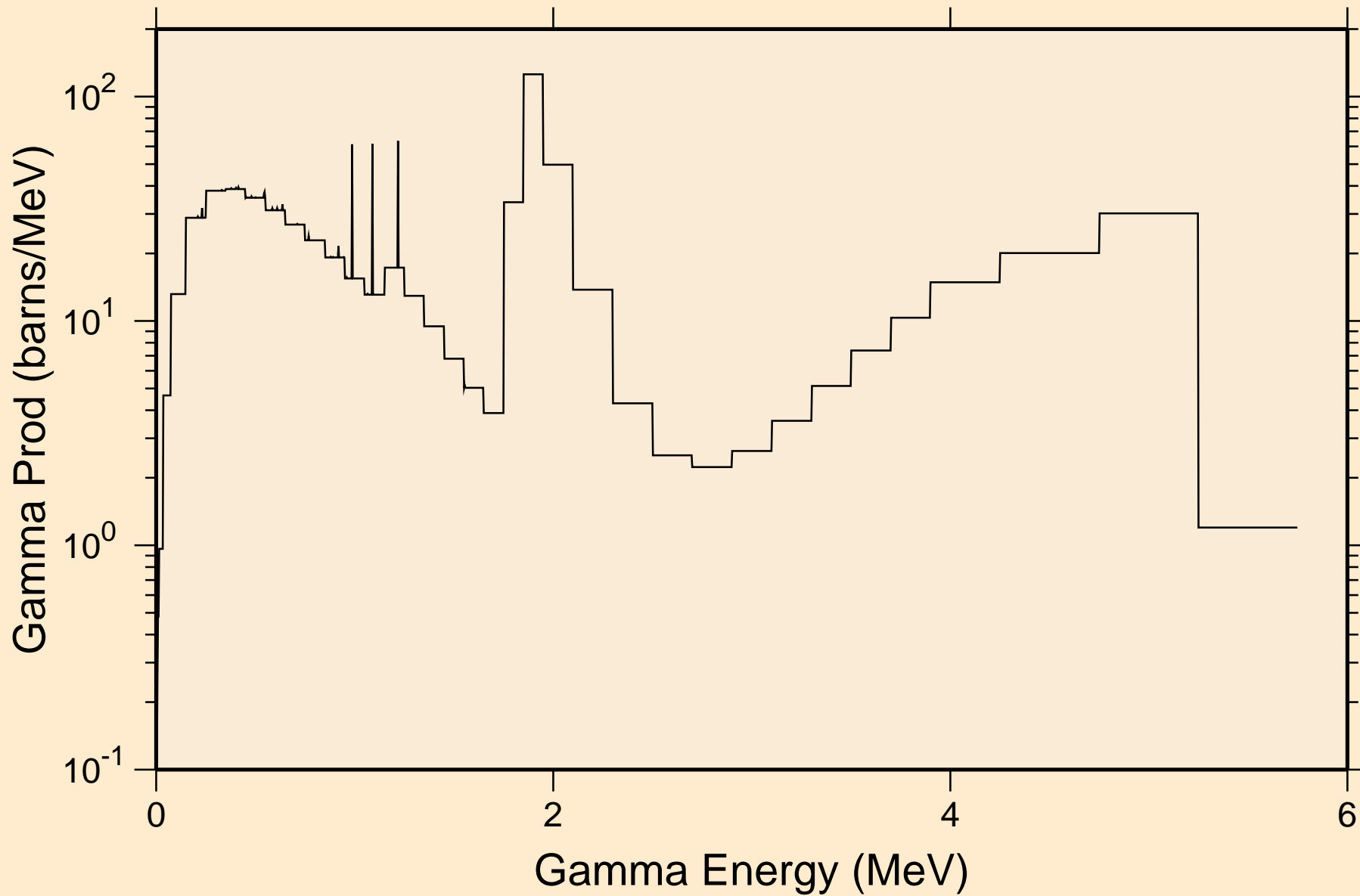
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



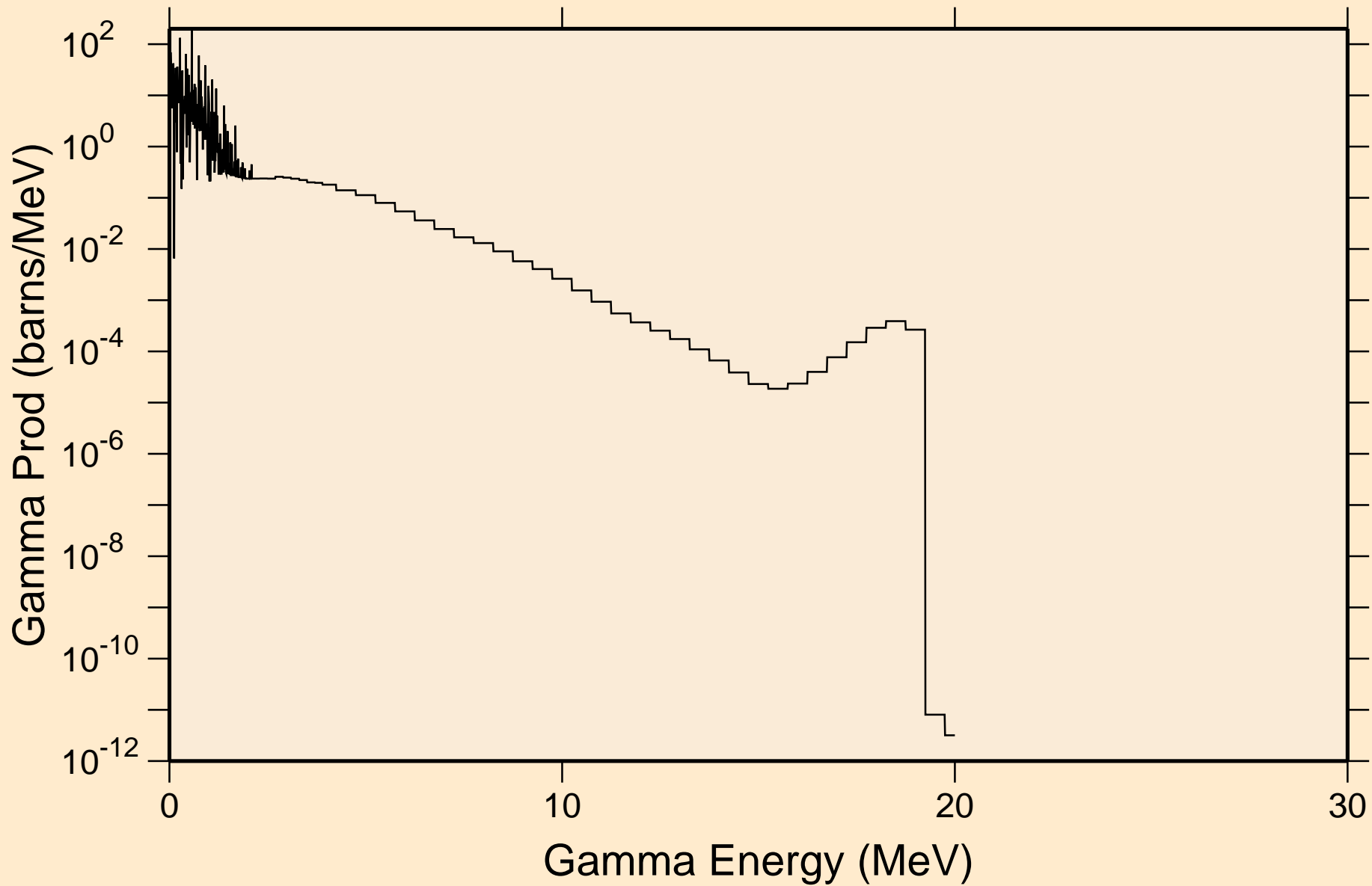
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

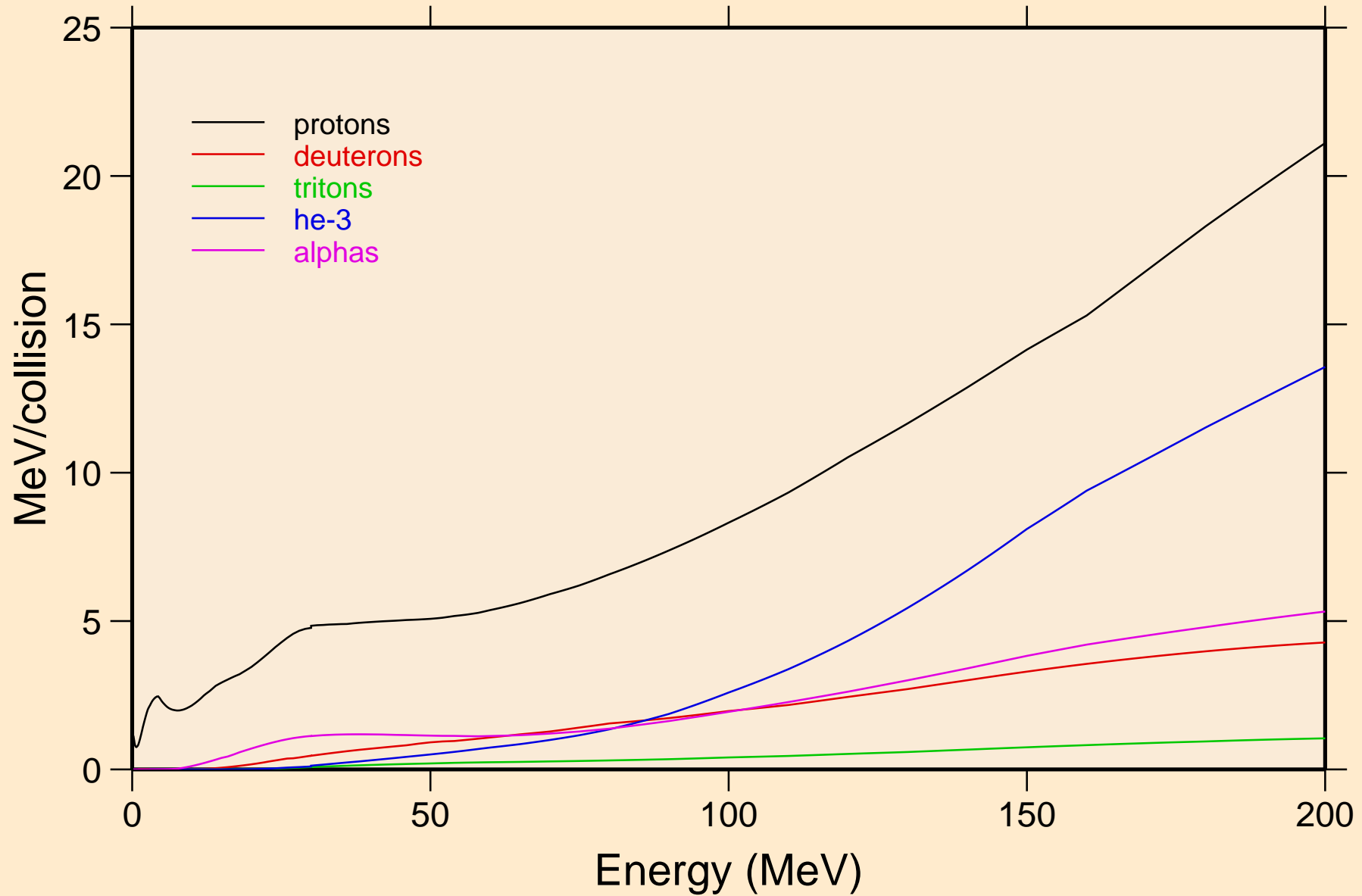


NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

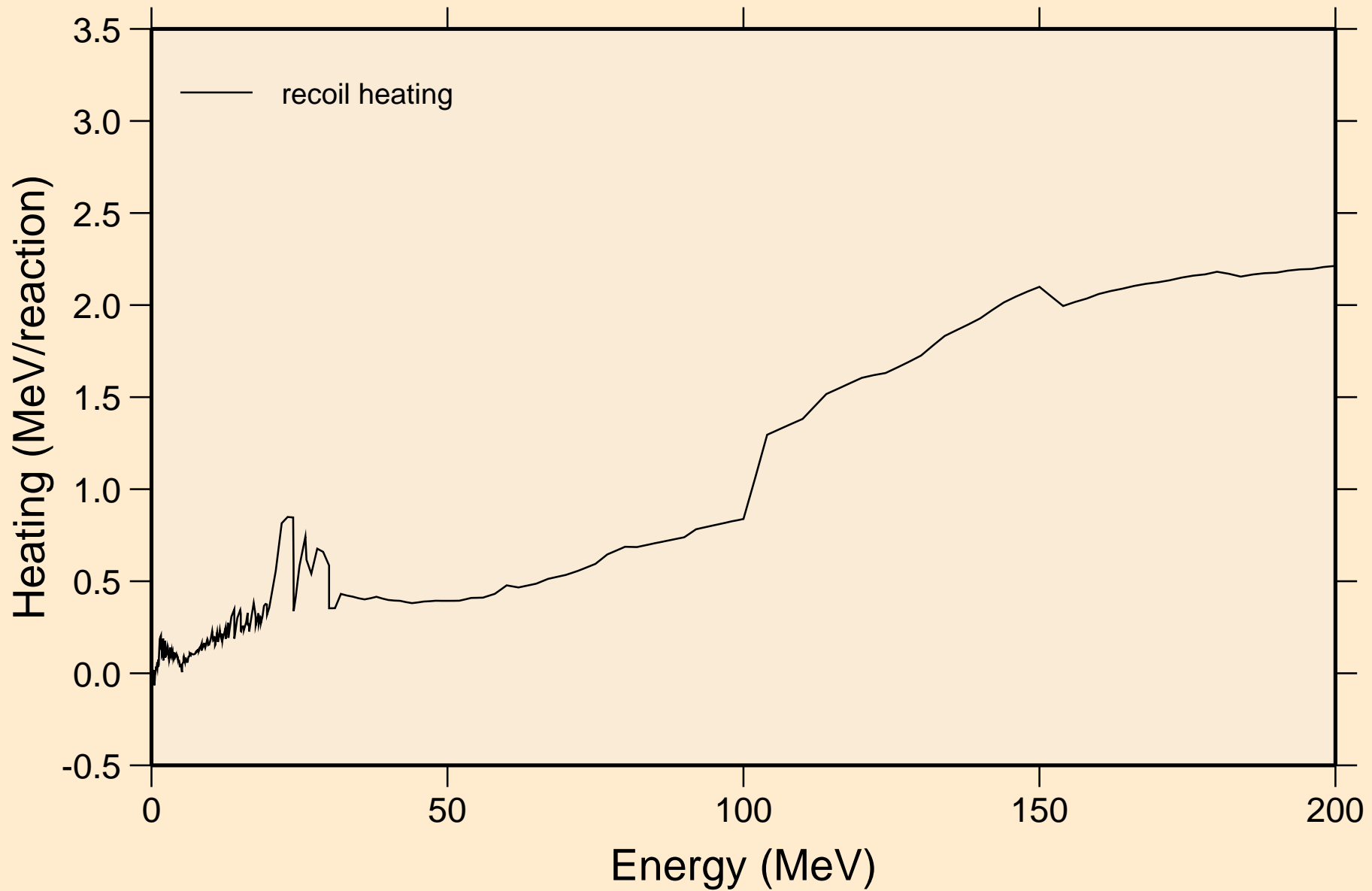


# NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

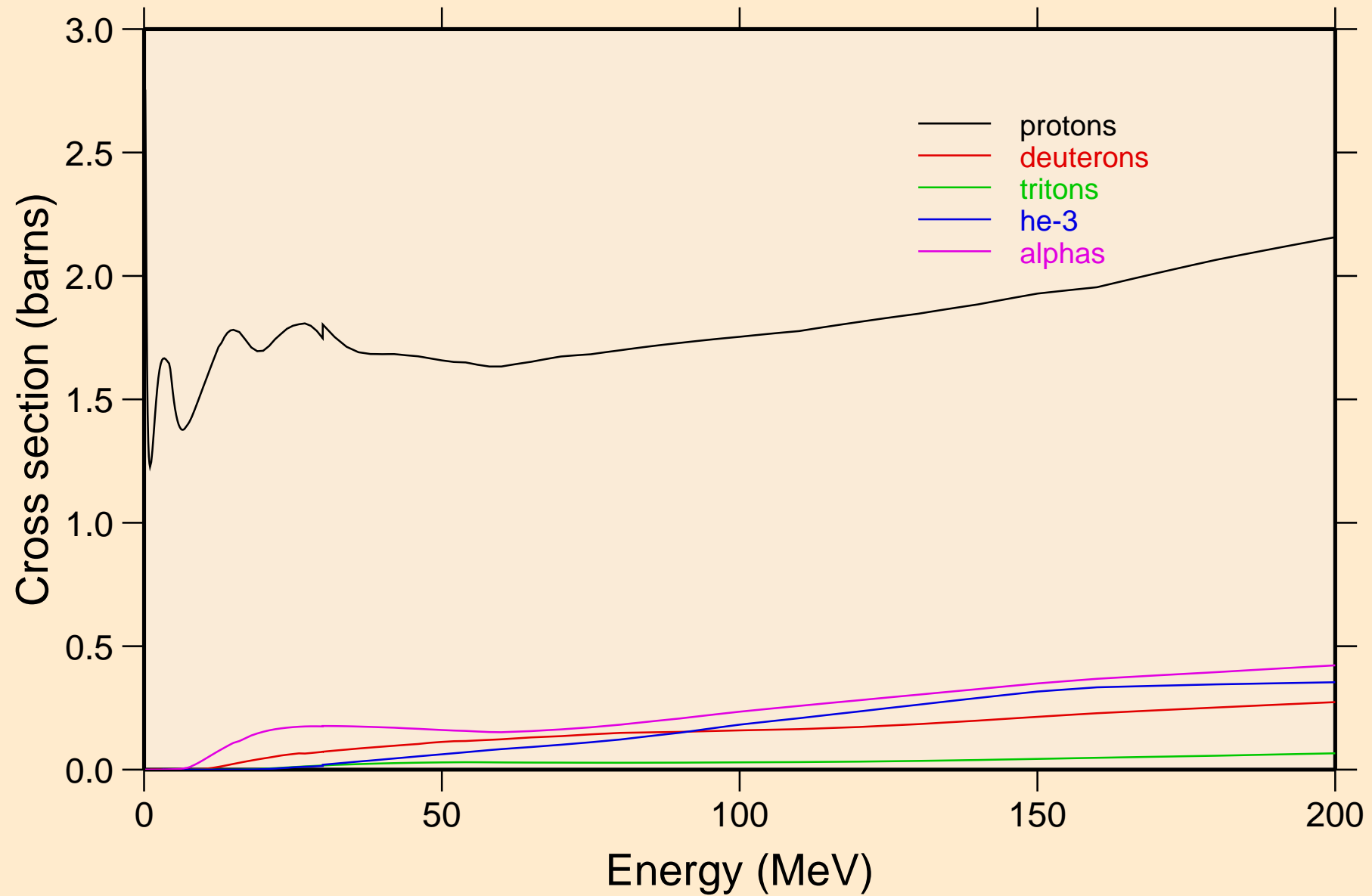
## Particle heating contributions



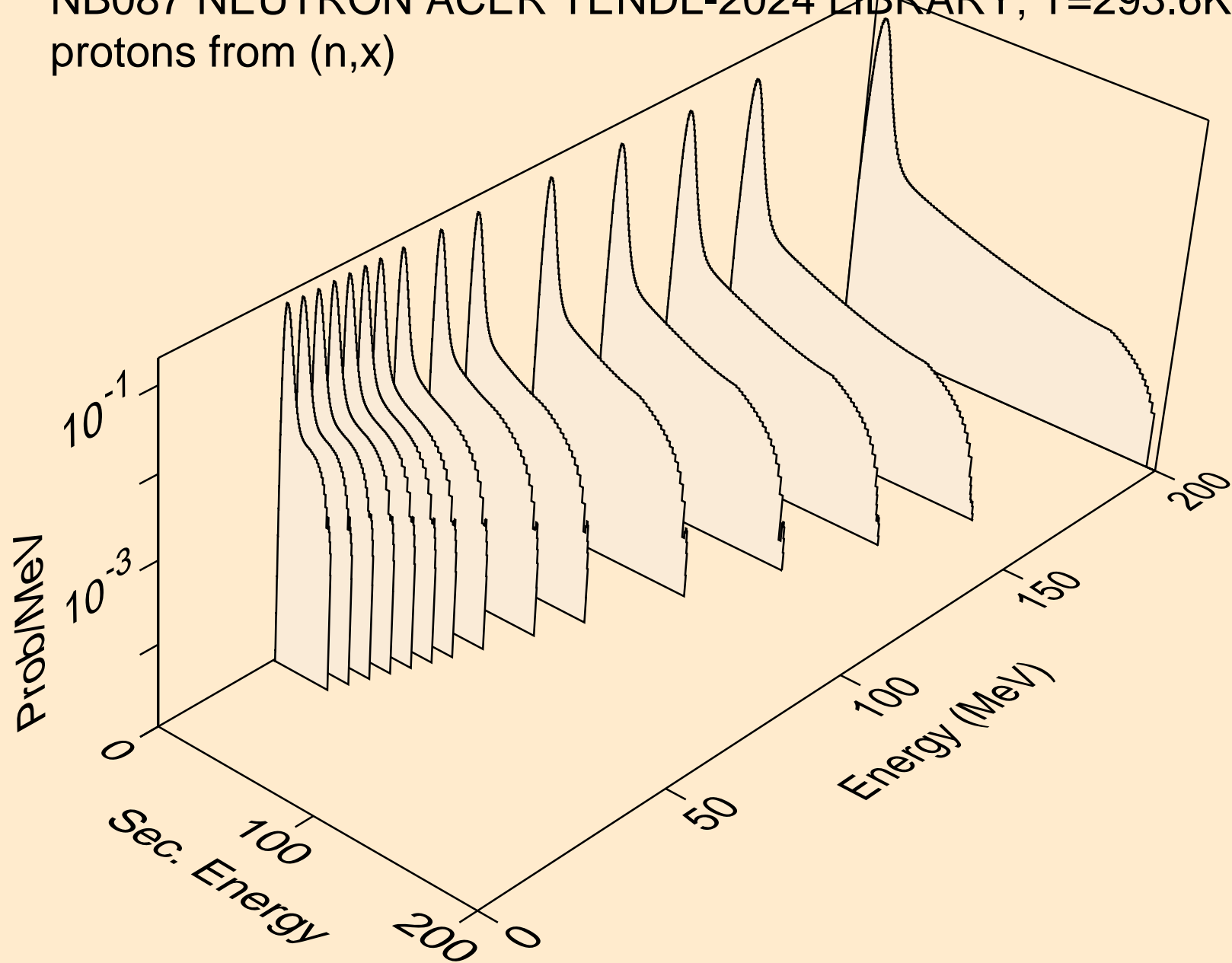
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



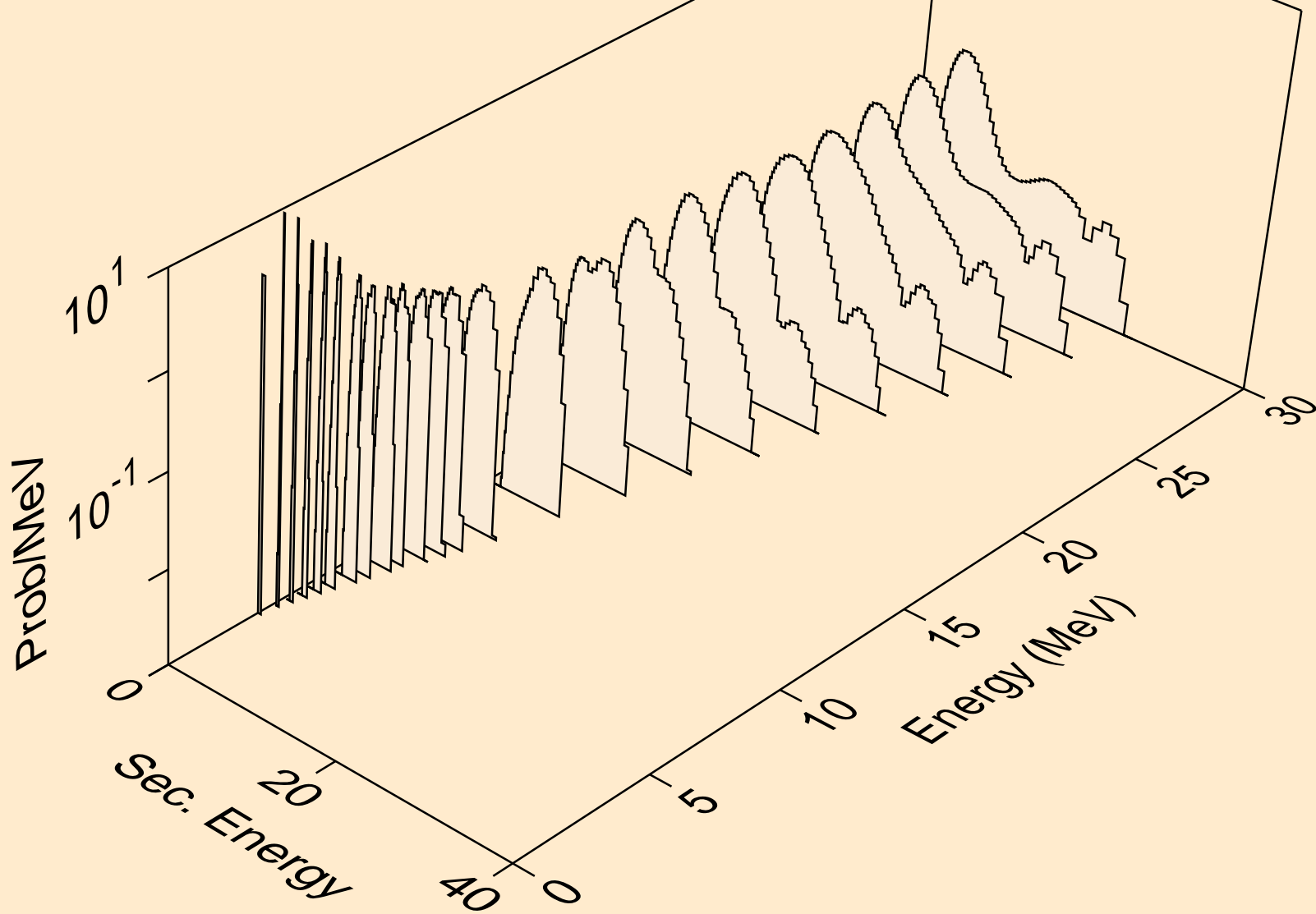
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



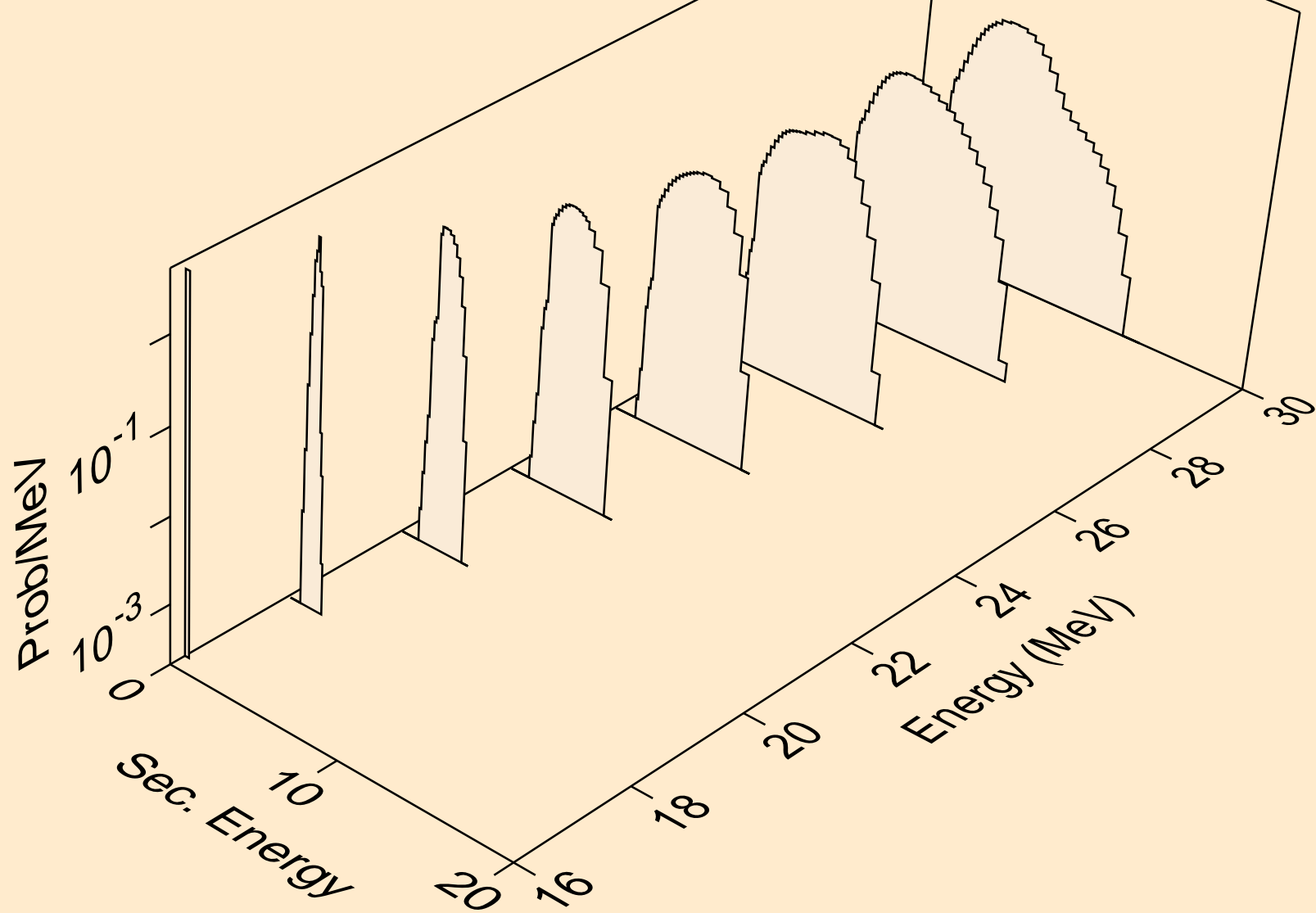
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



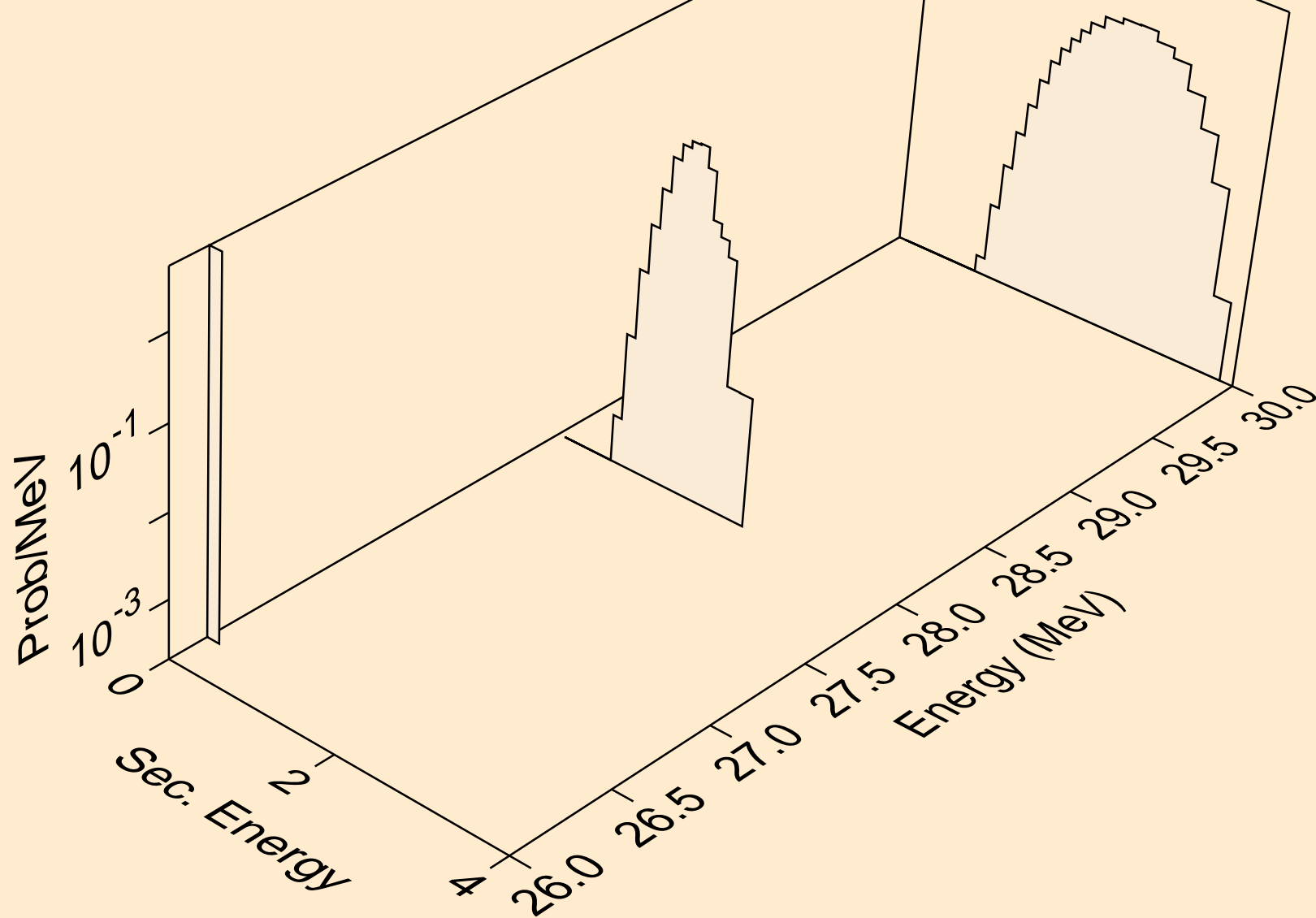
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



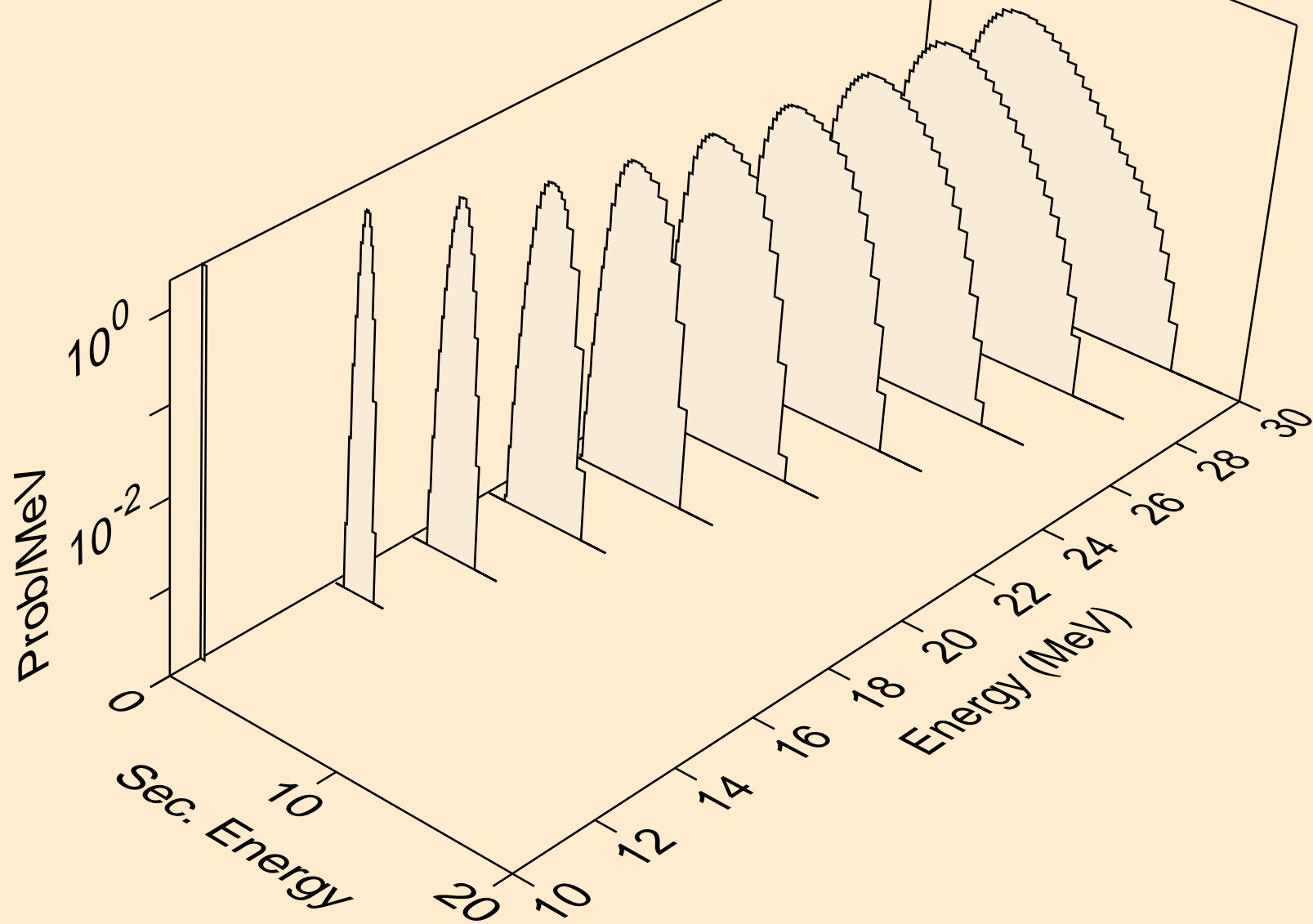
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



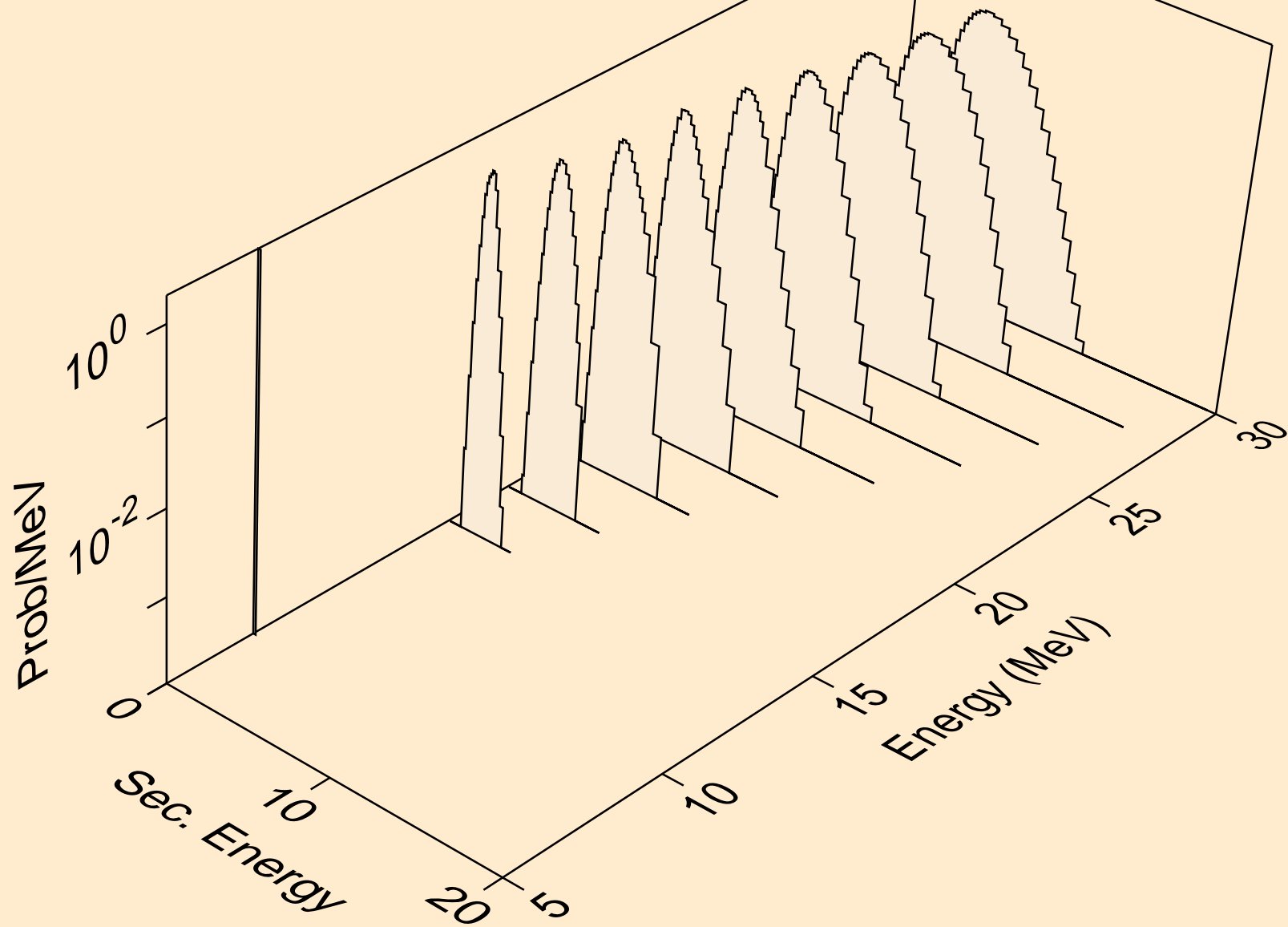
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



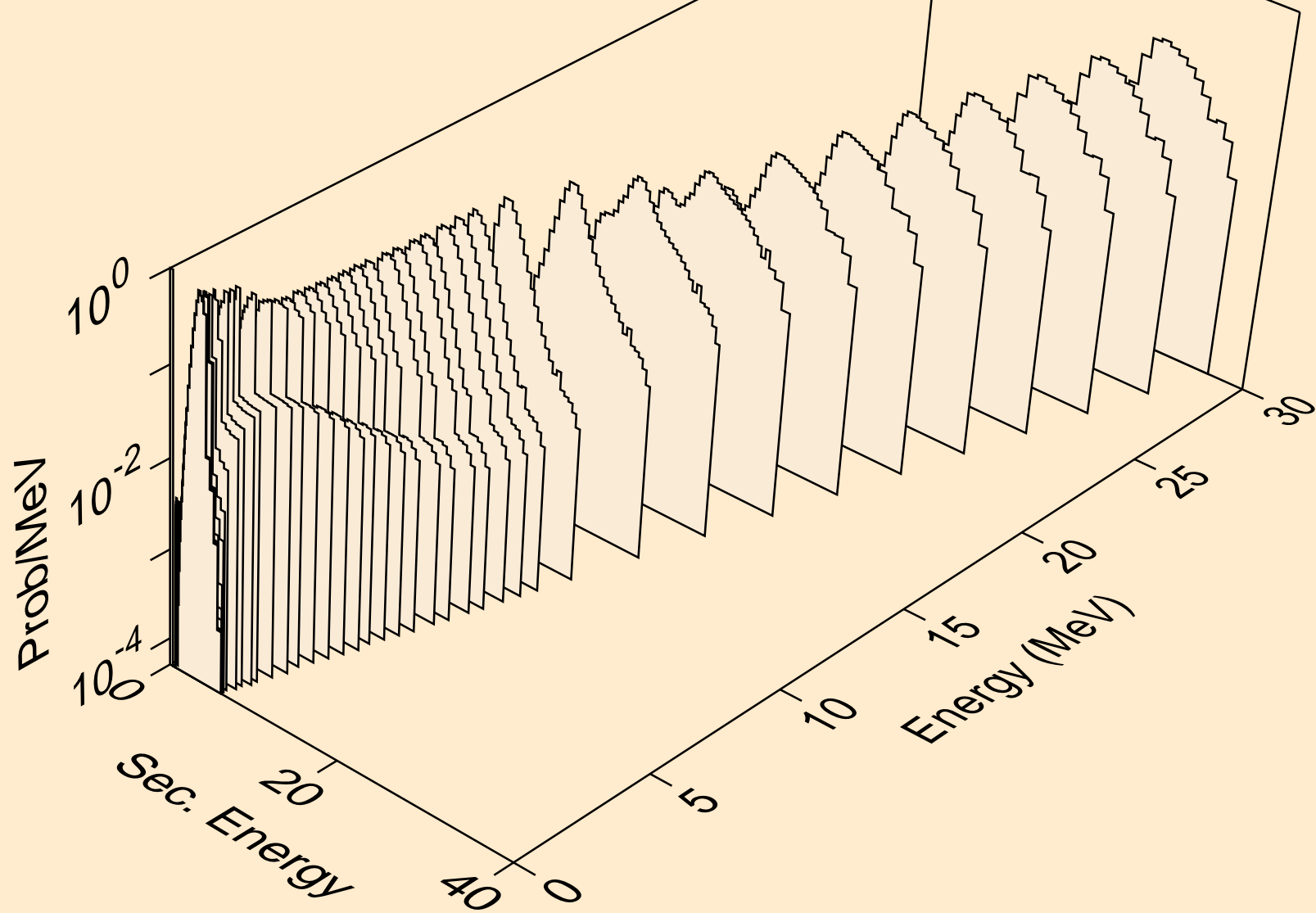
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



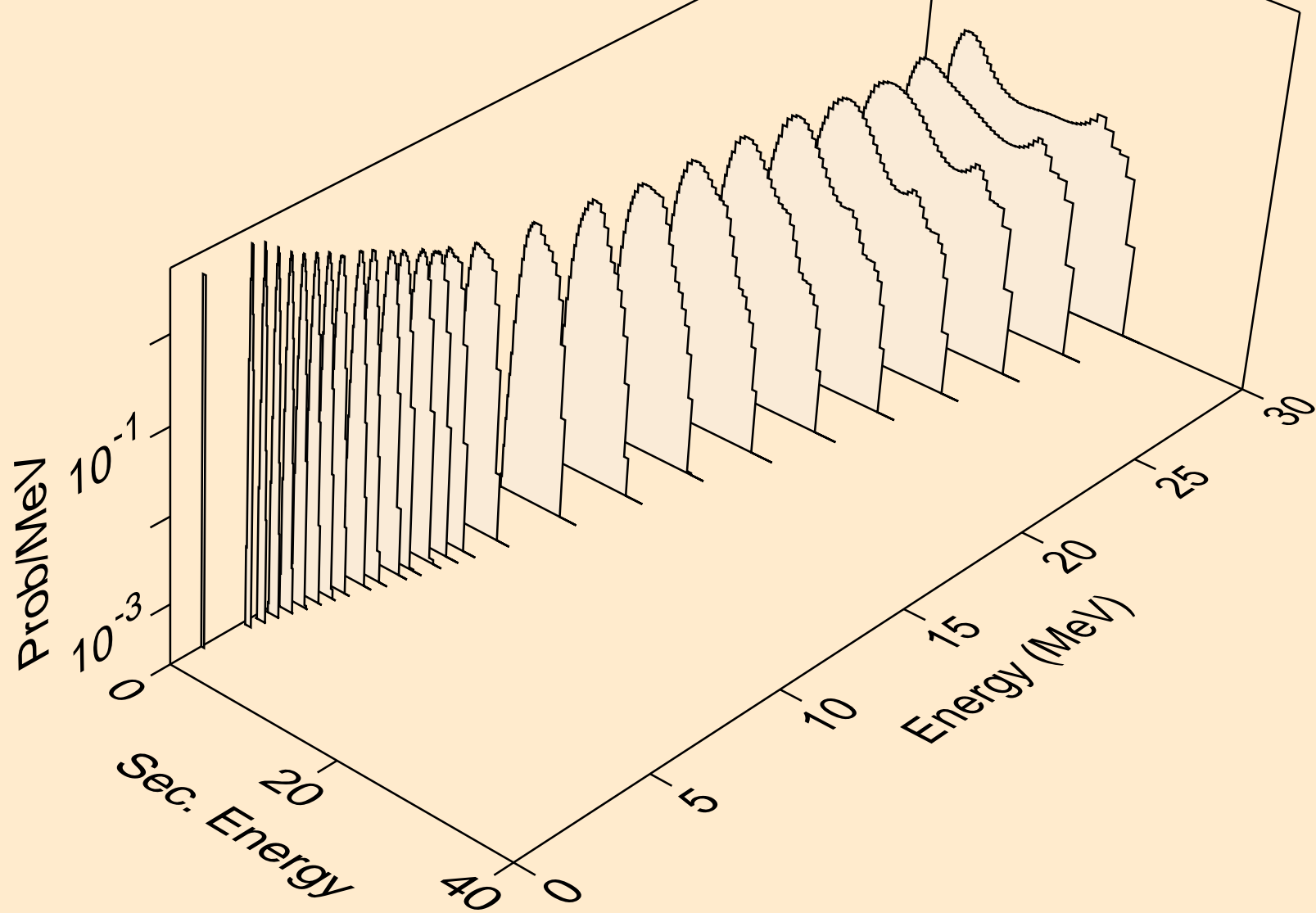
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



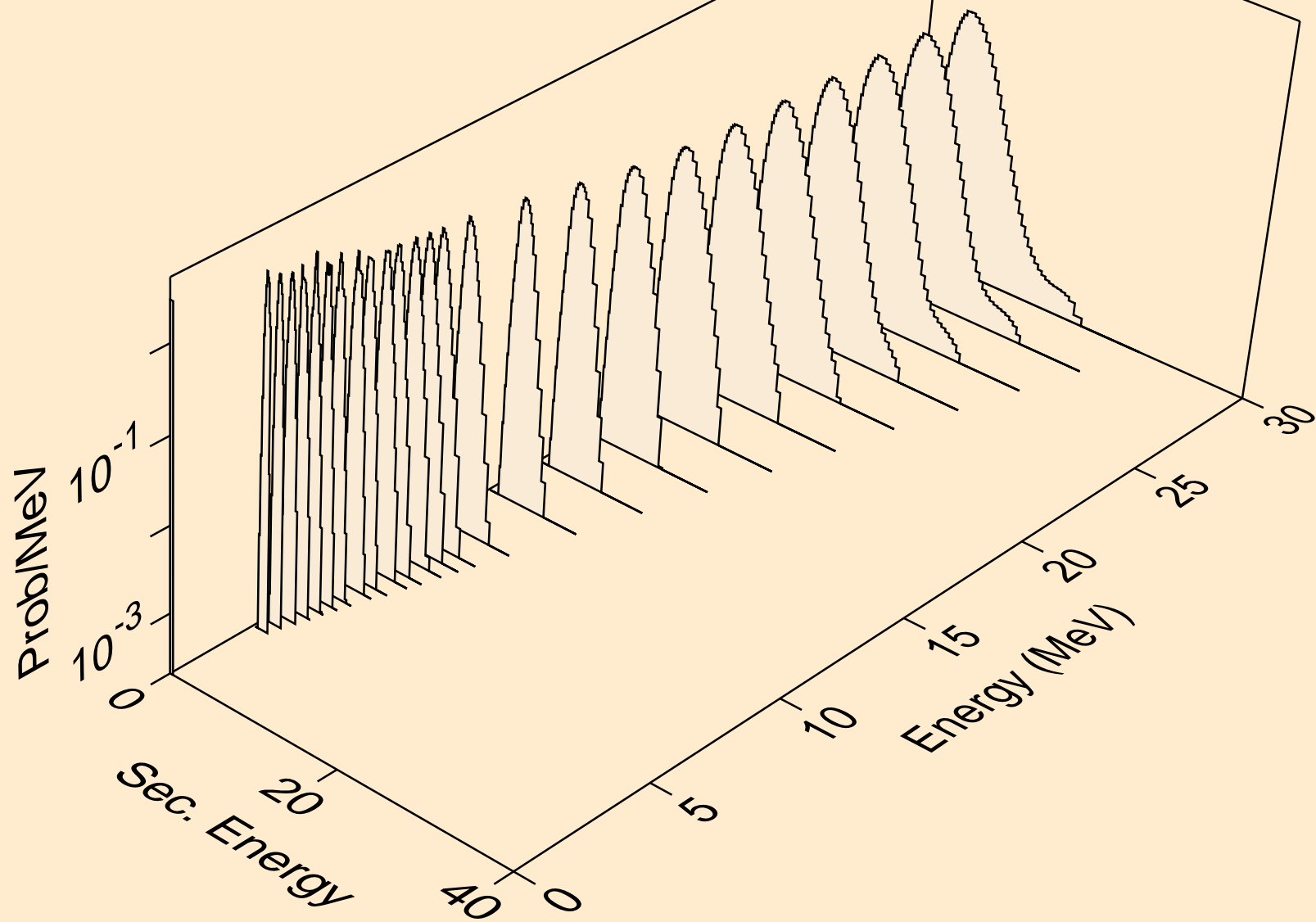
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



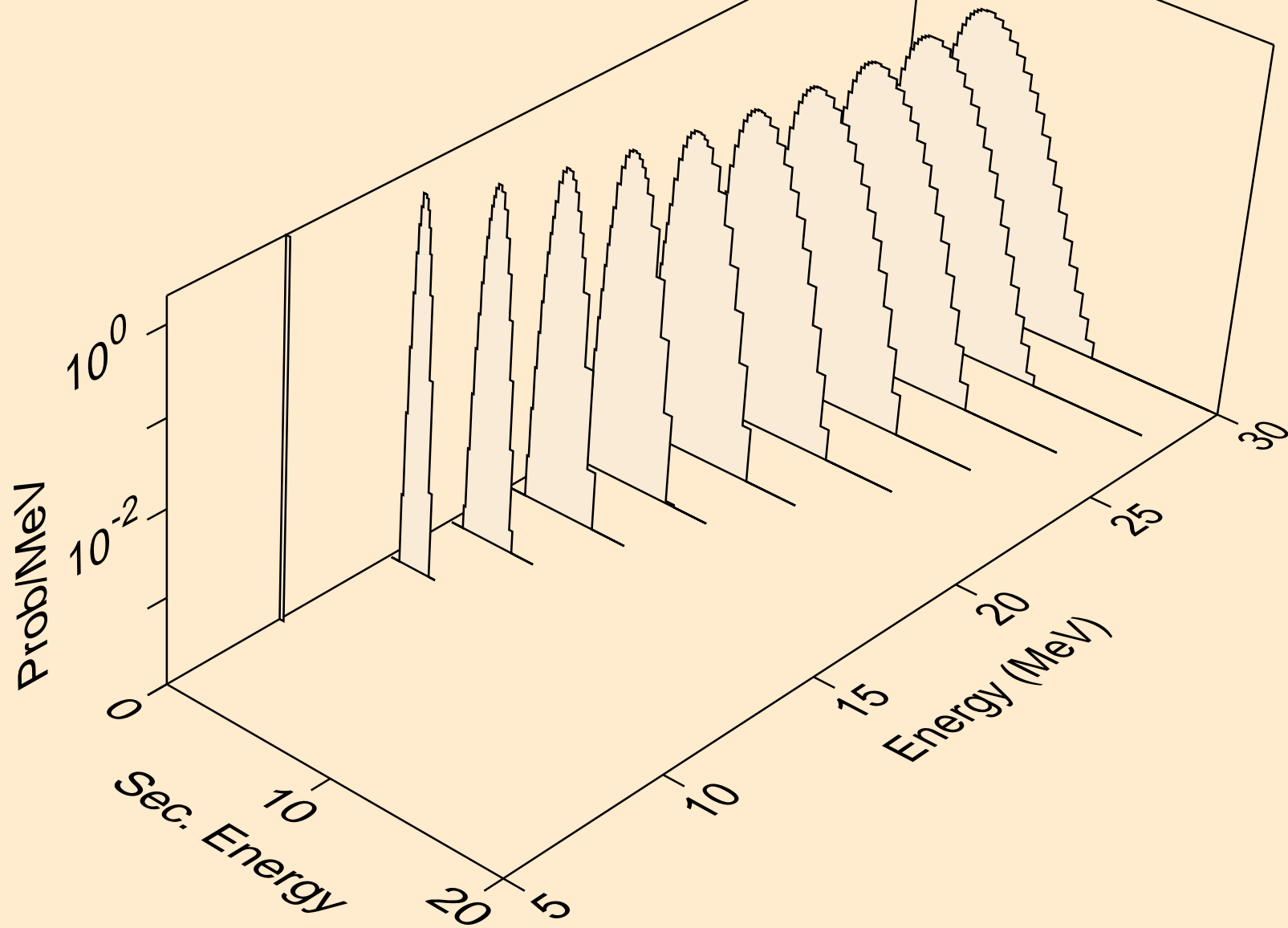
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



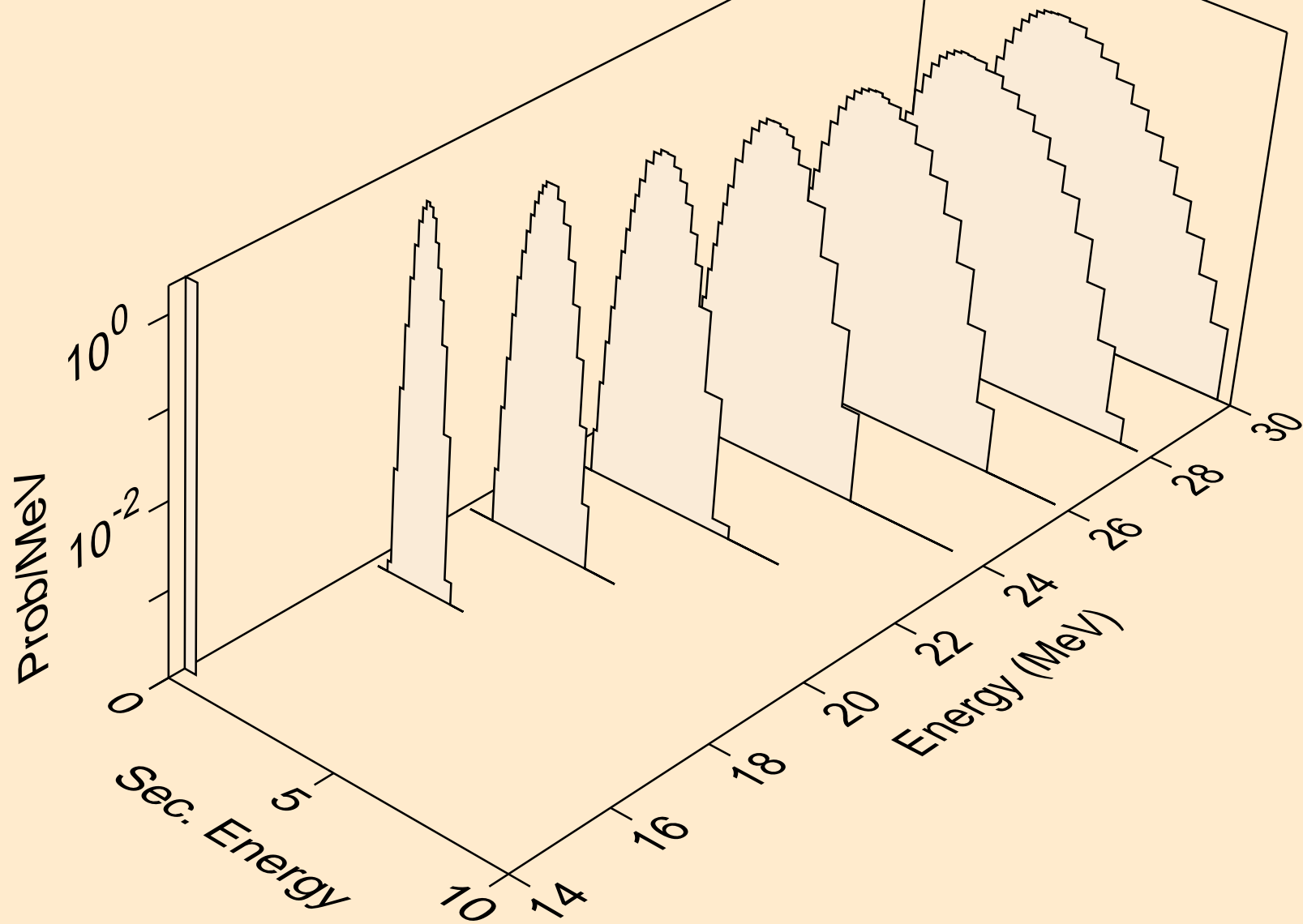
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



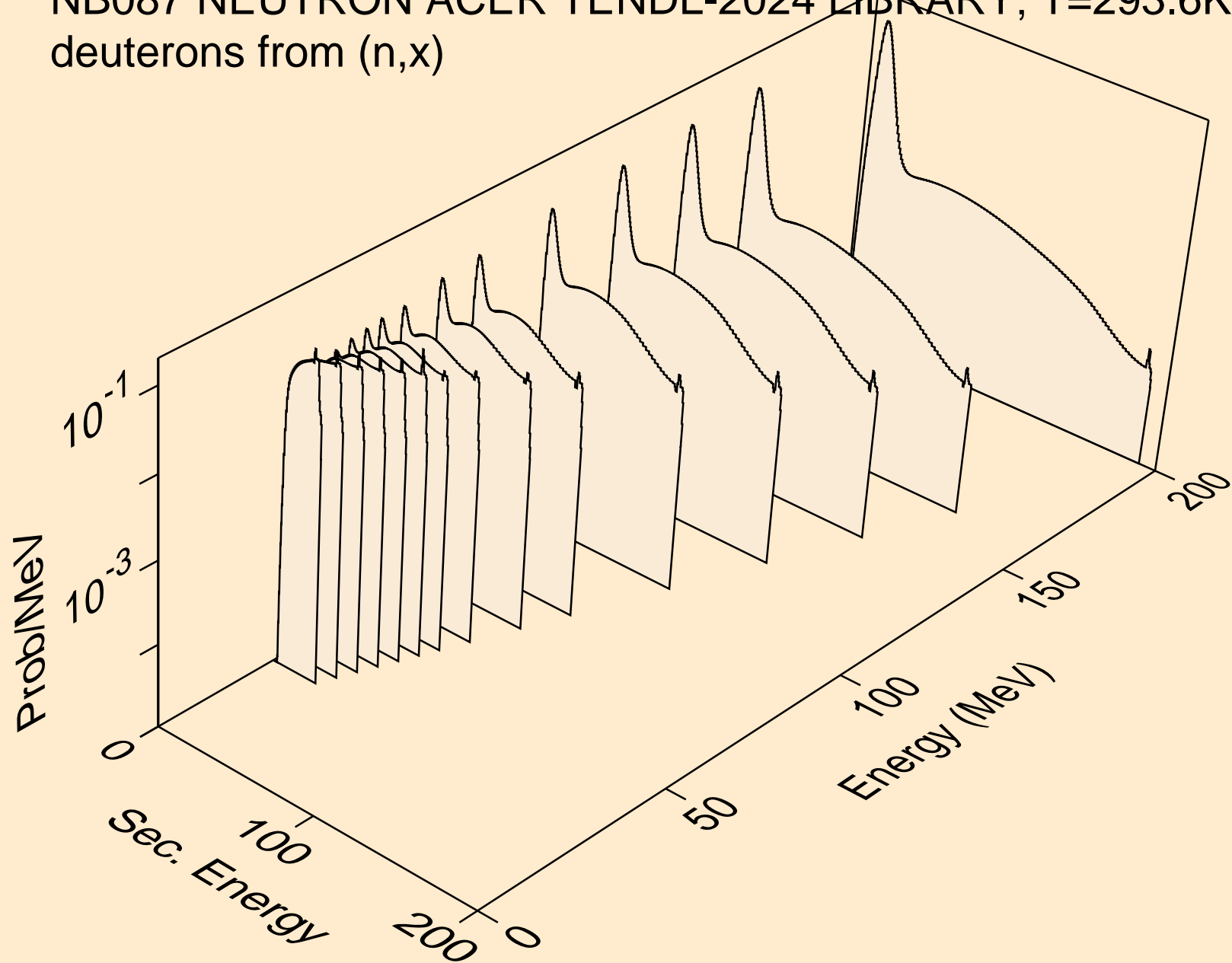
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



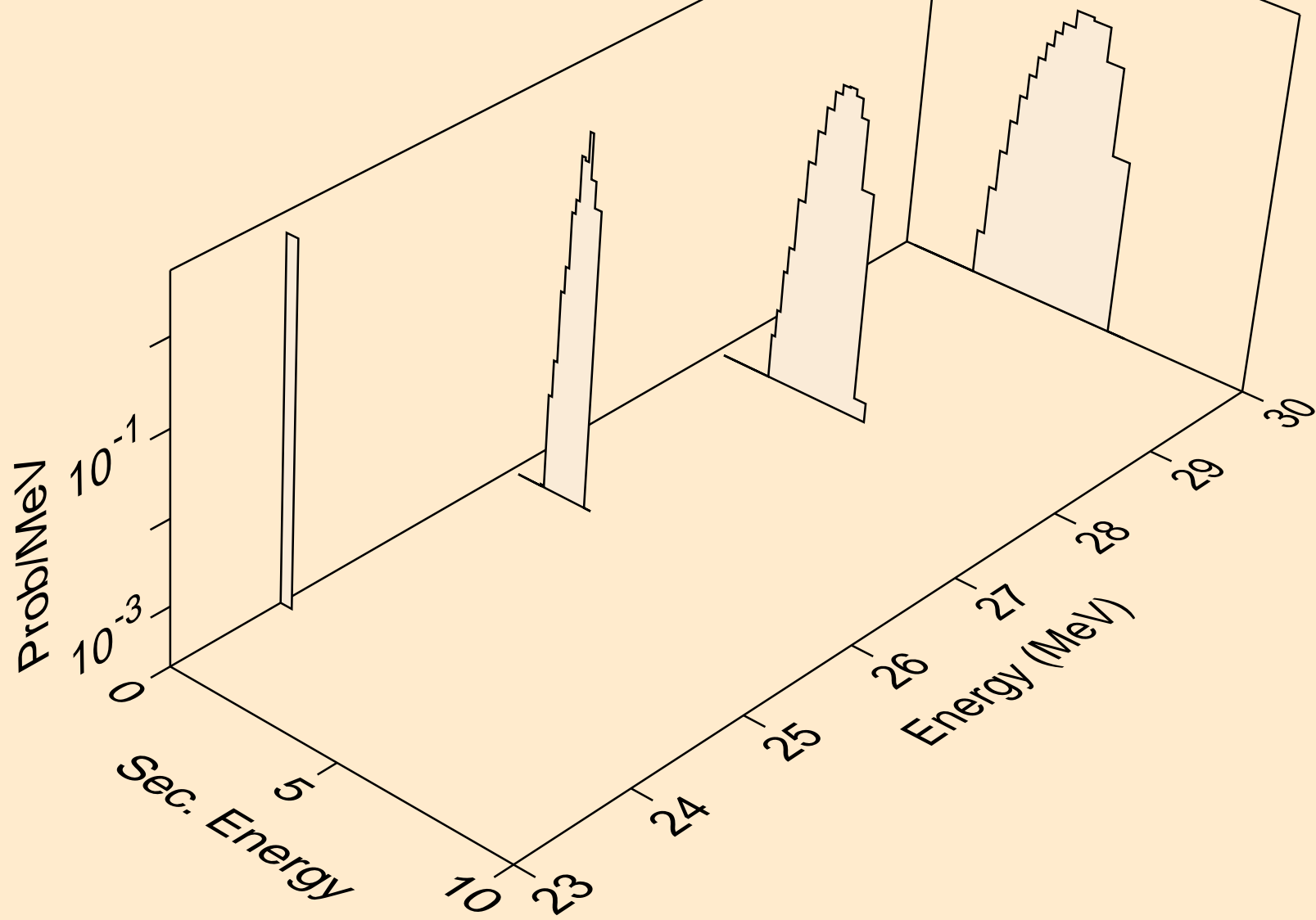
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



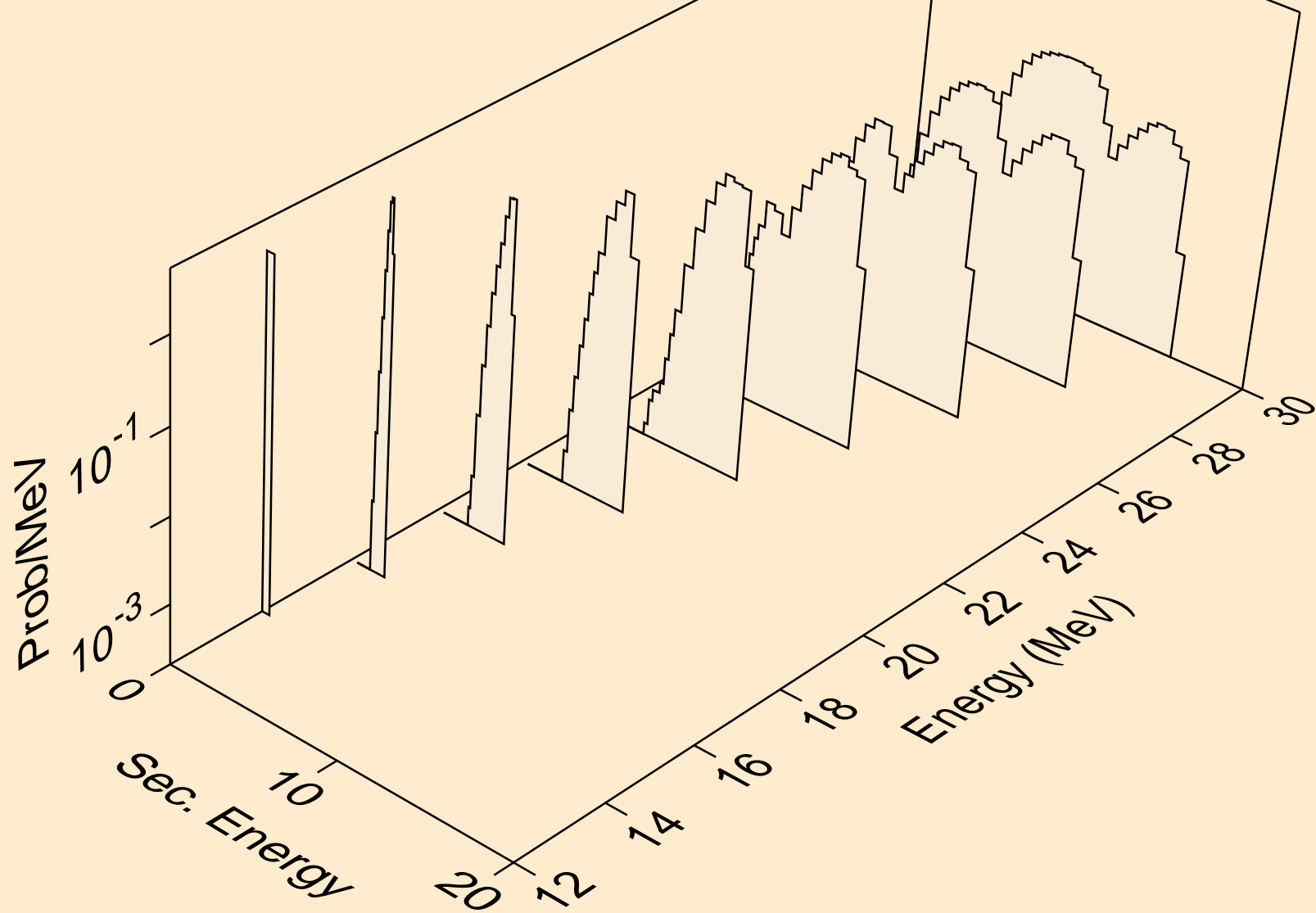
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



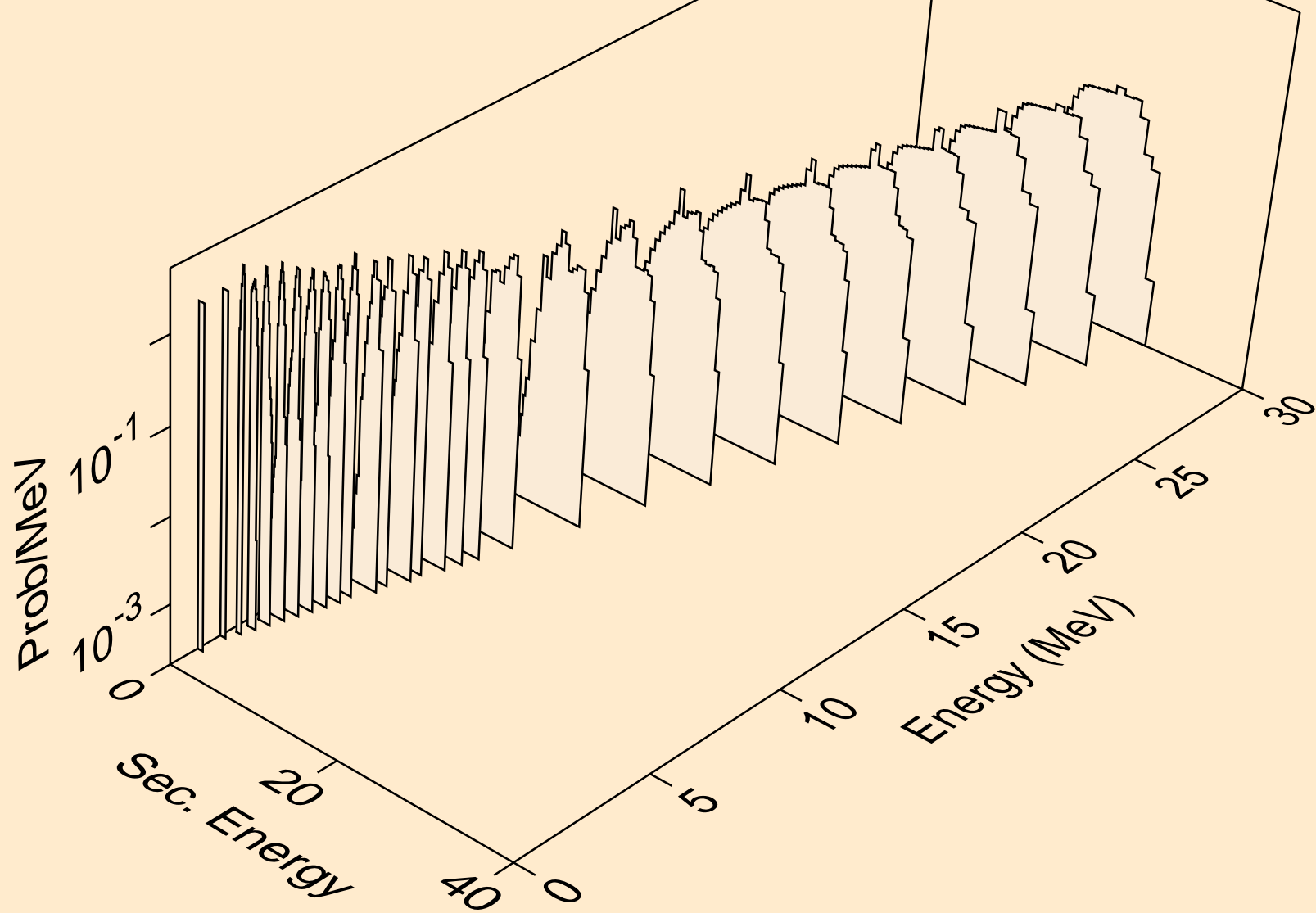
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



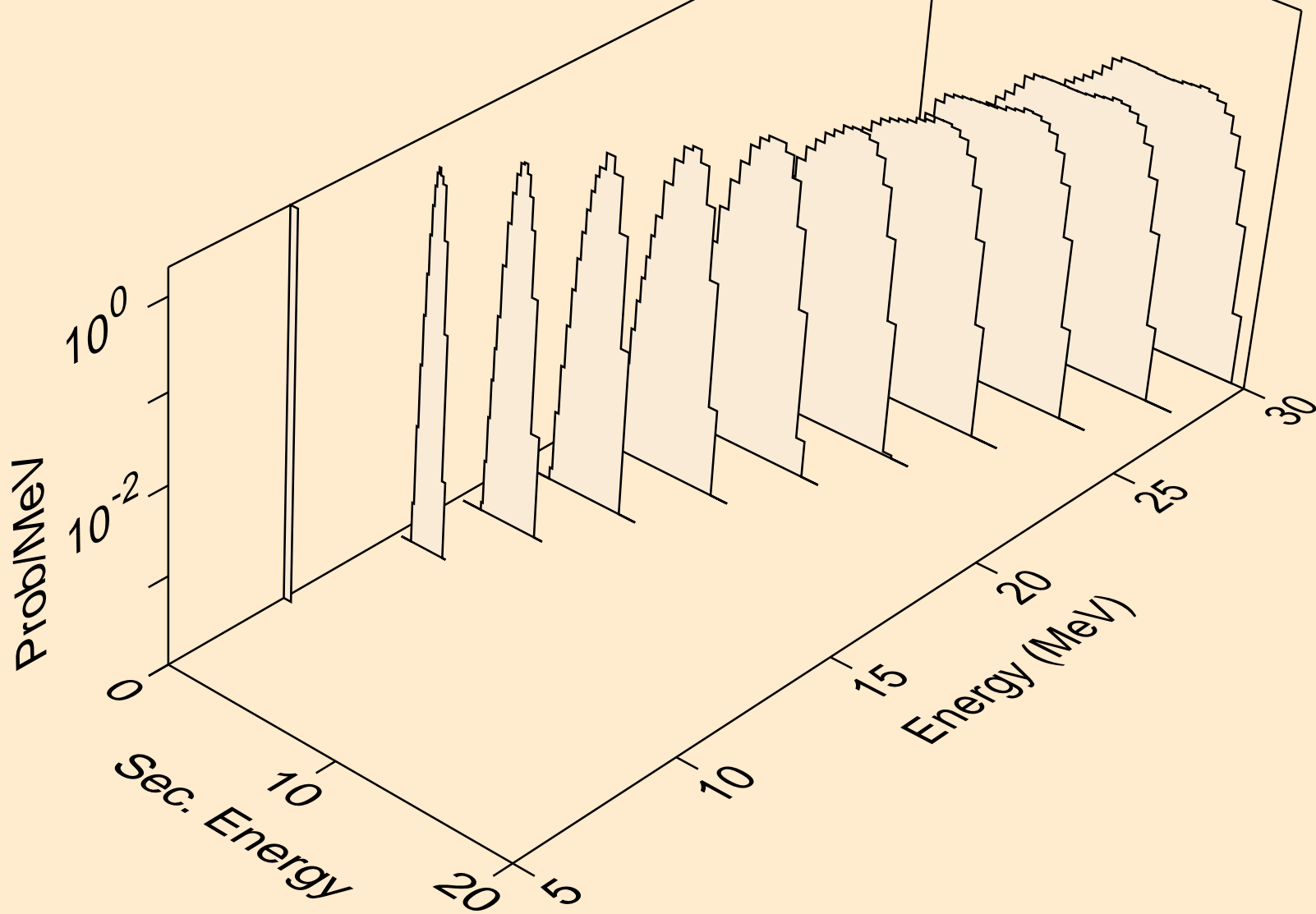
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



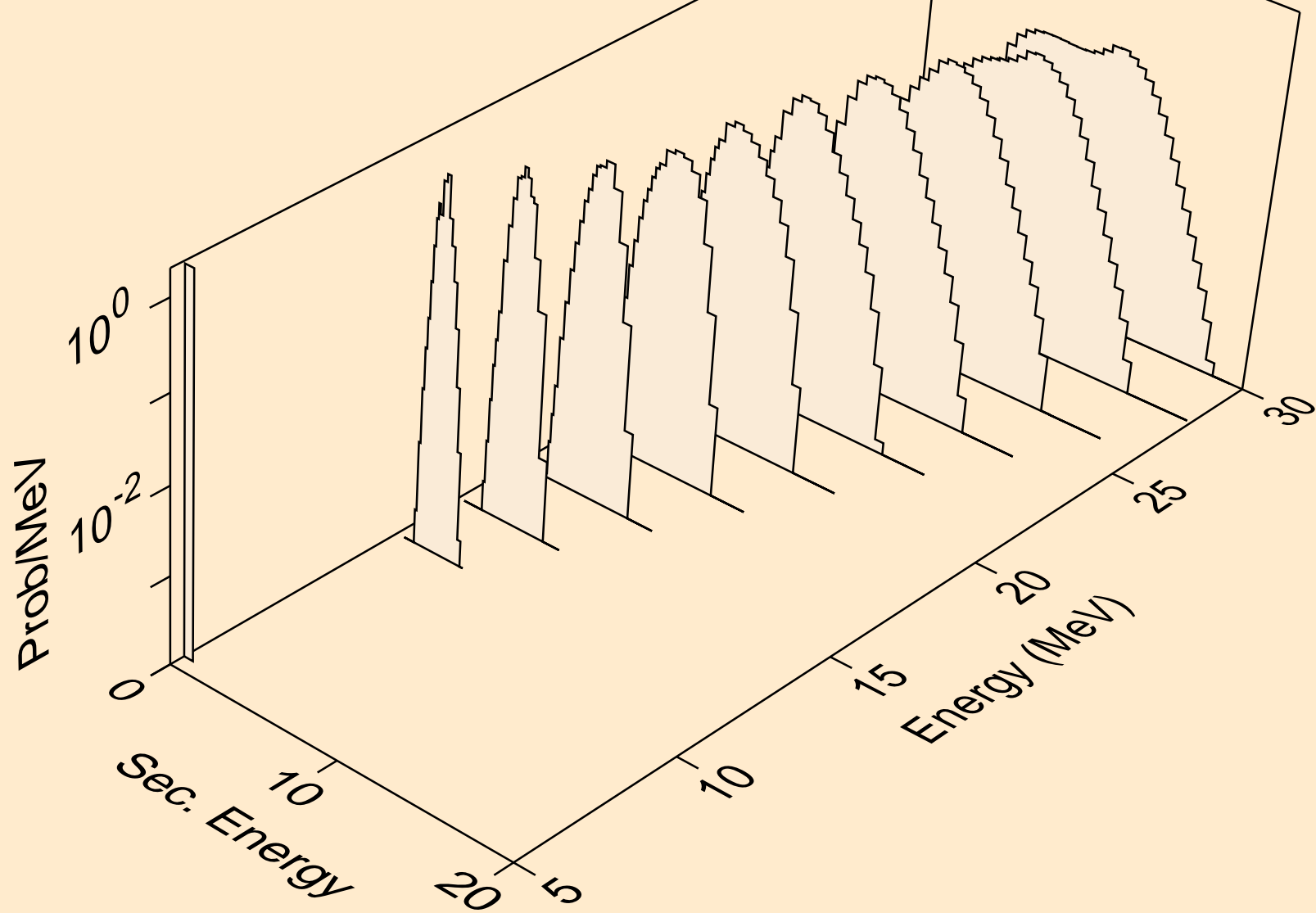
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



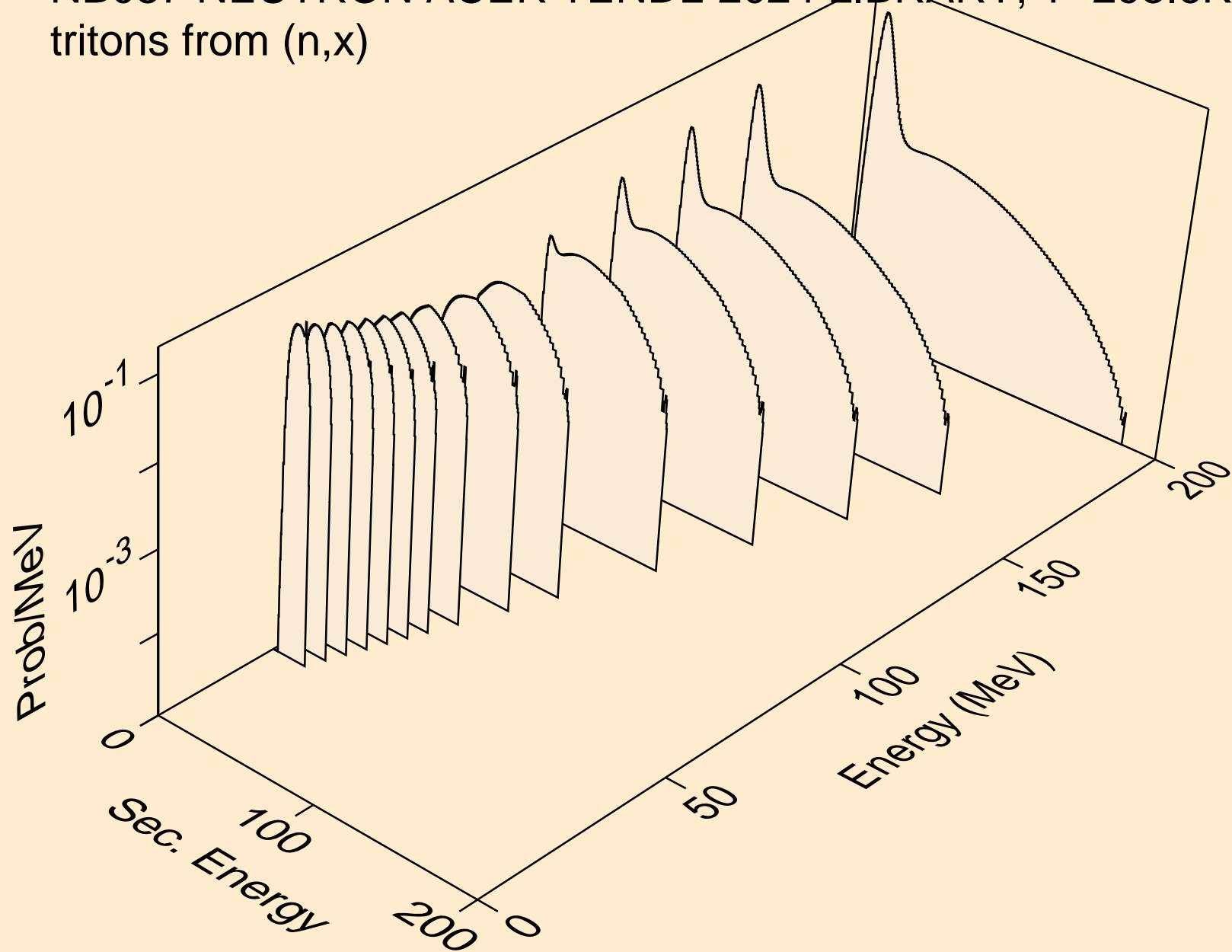
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



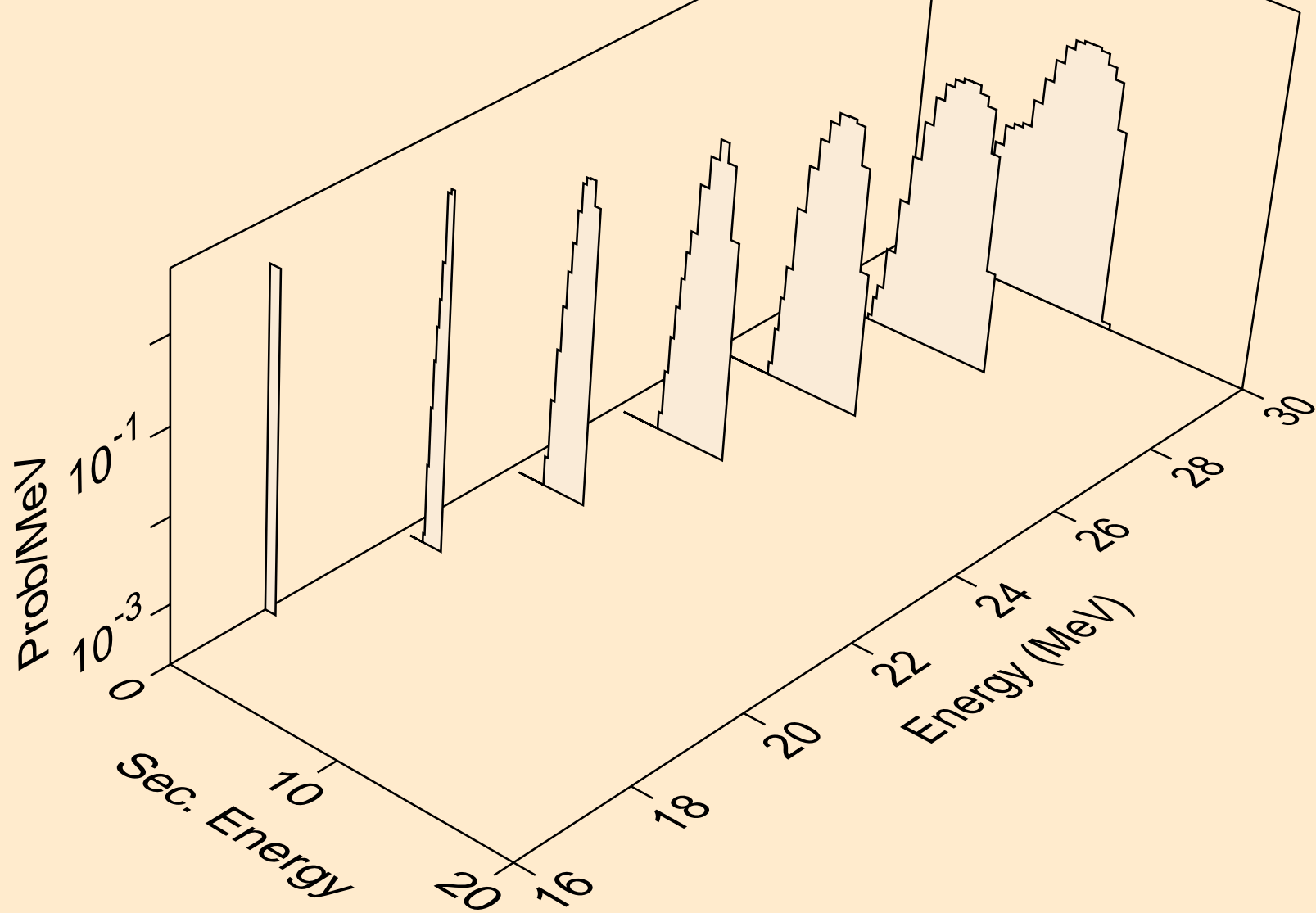
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,da)



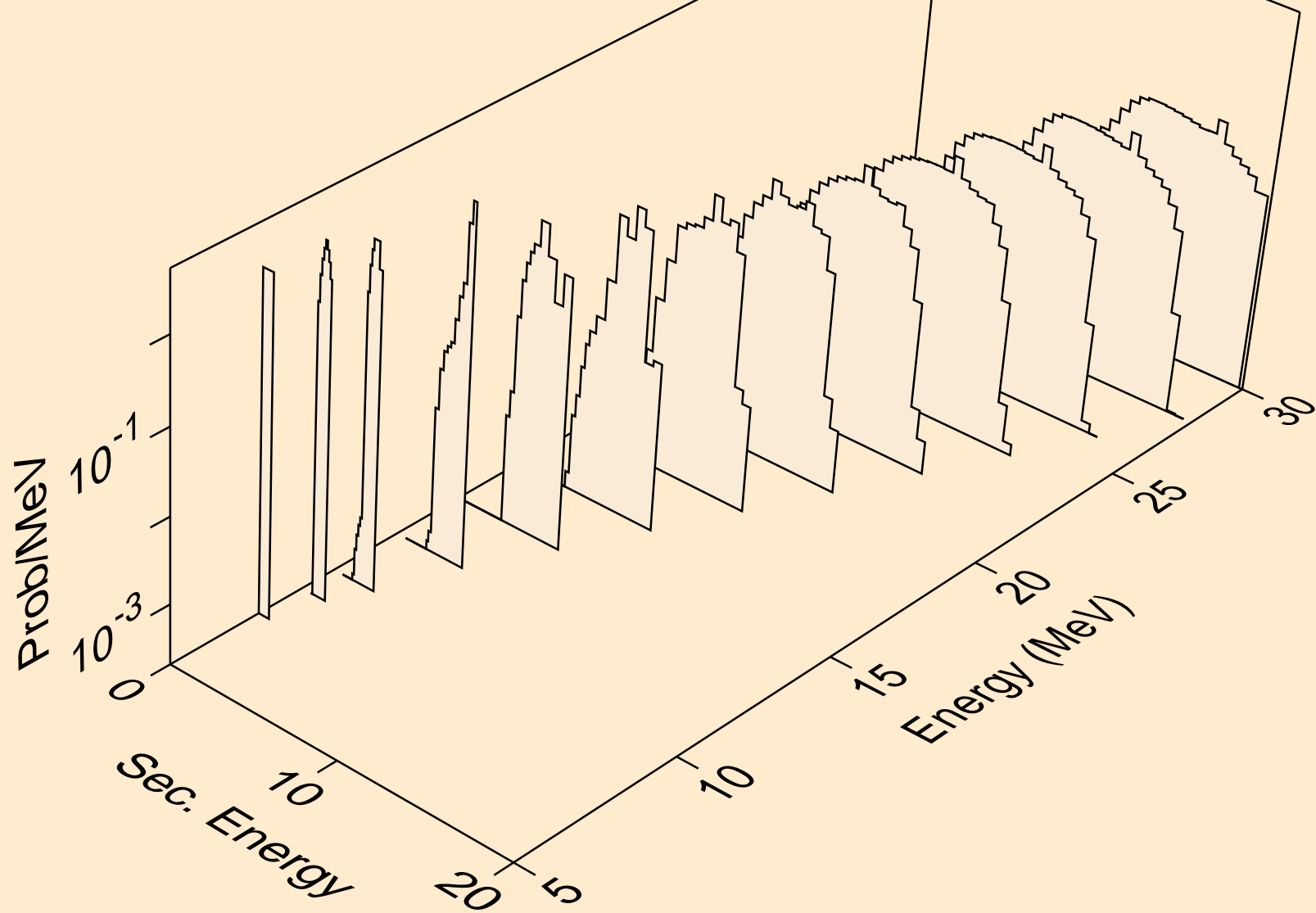
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



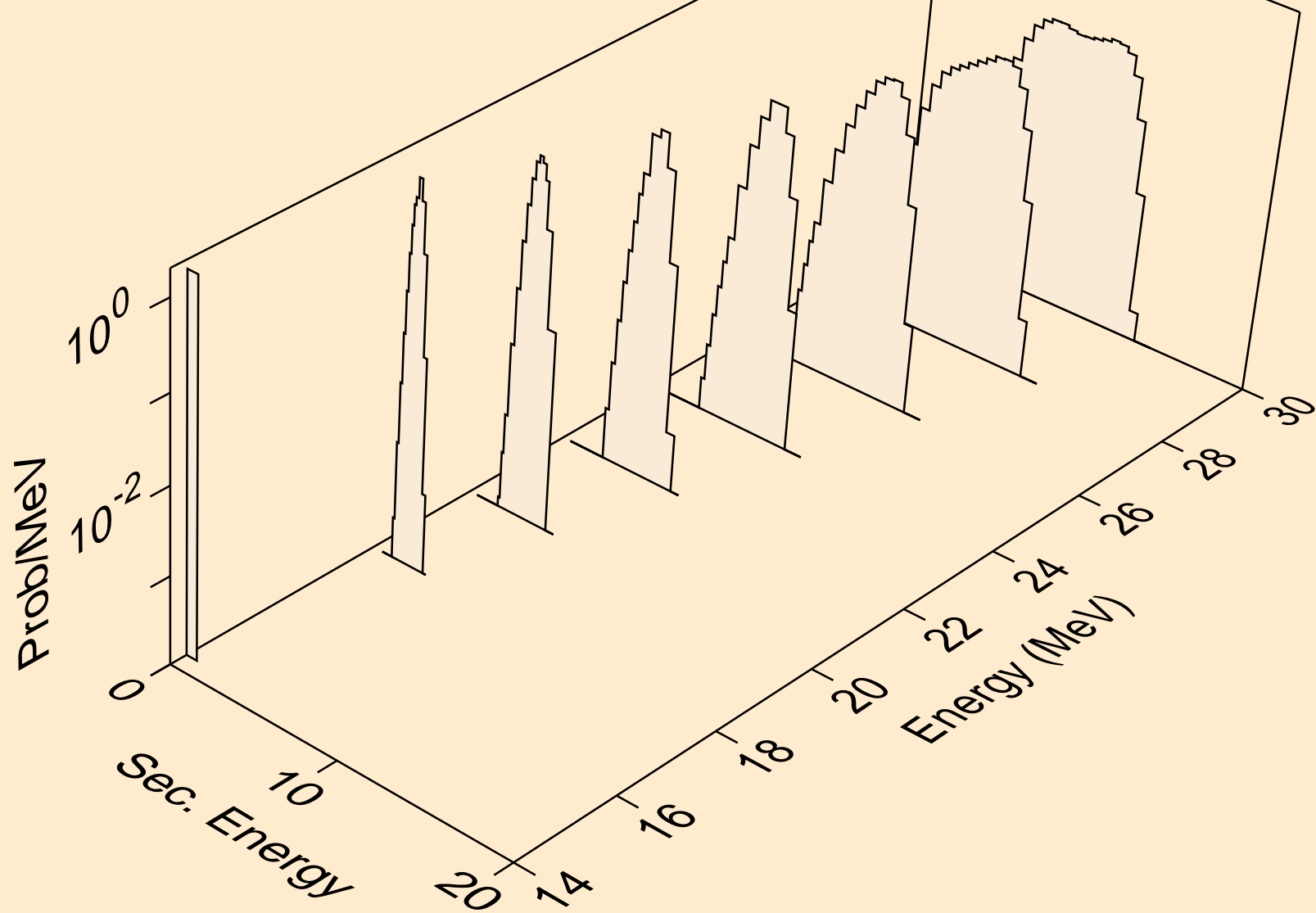
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



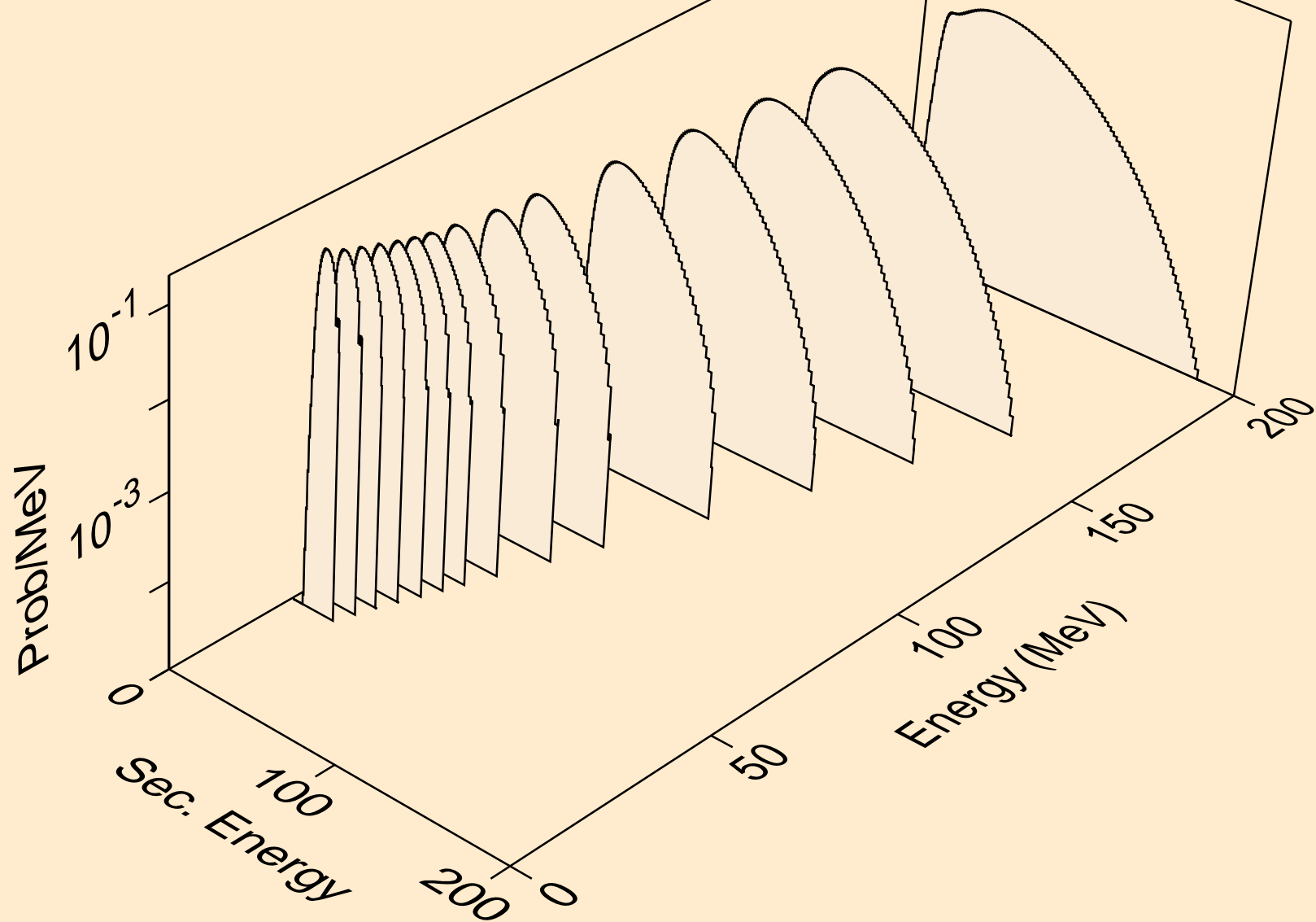
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



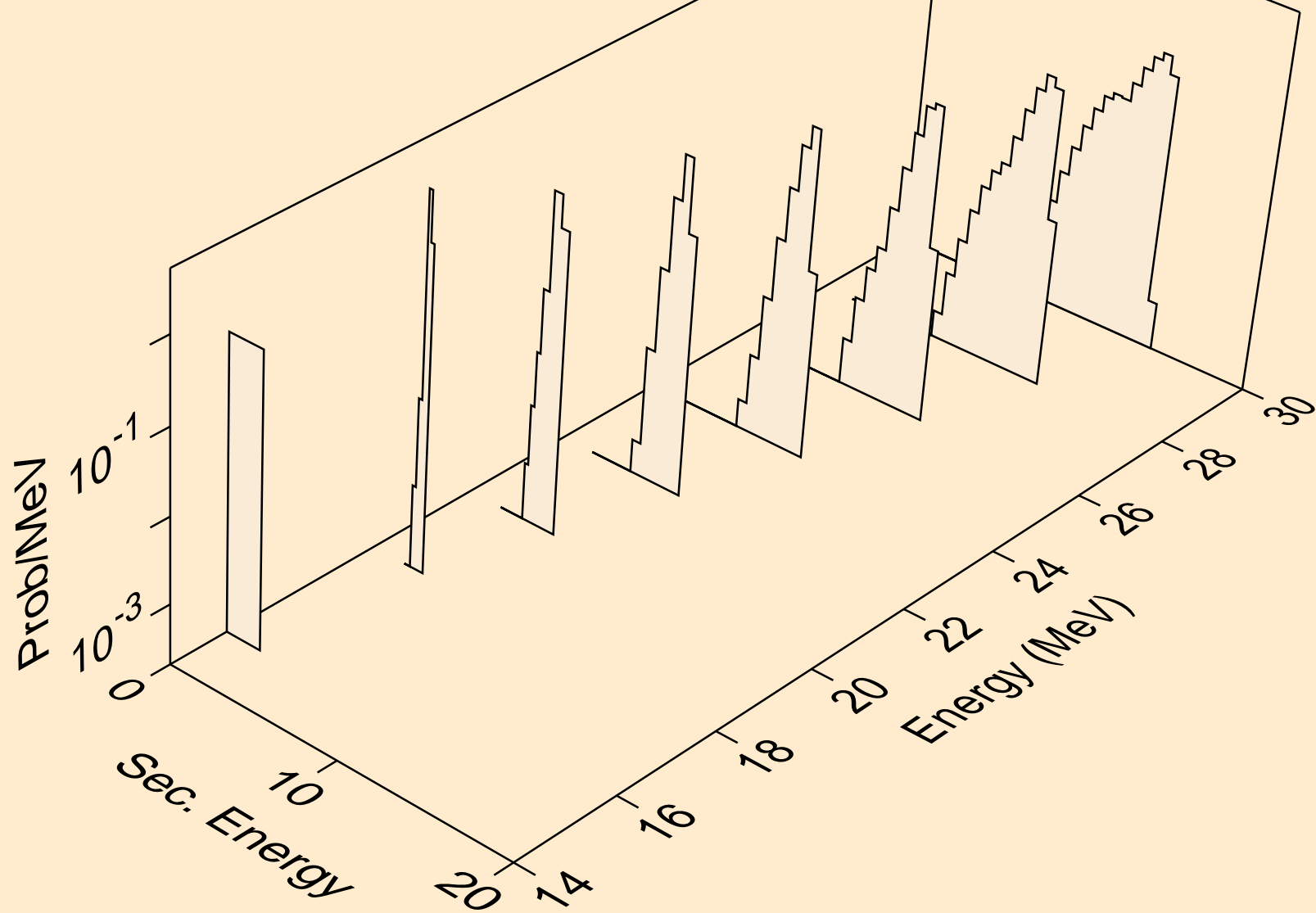
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



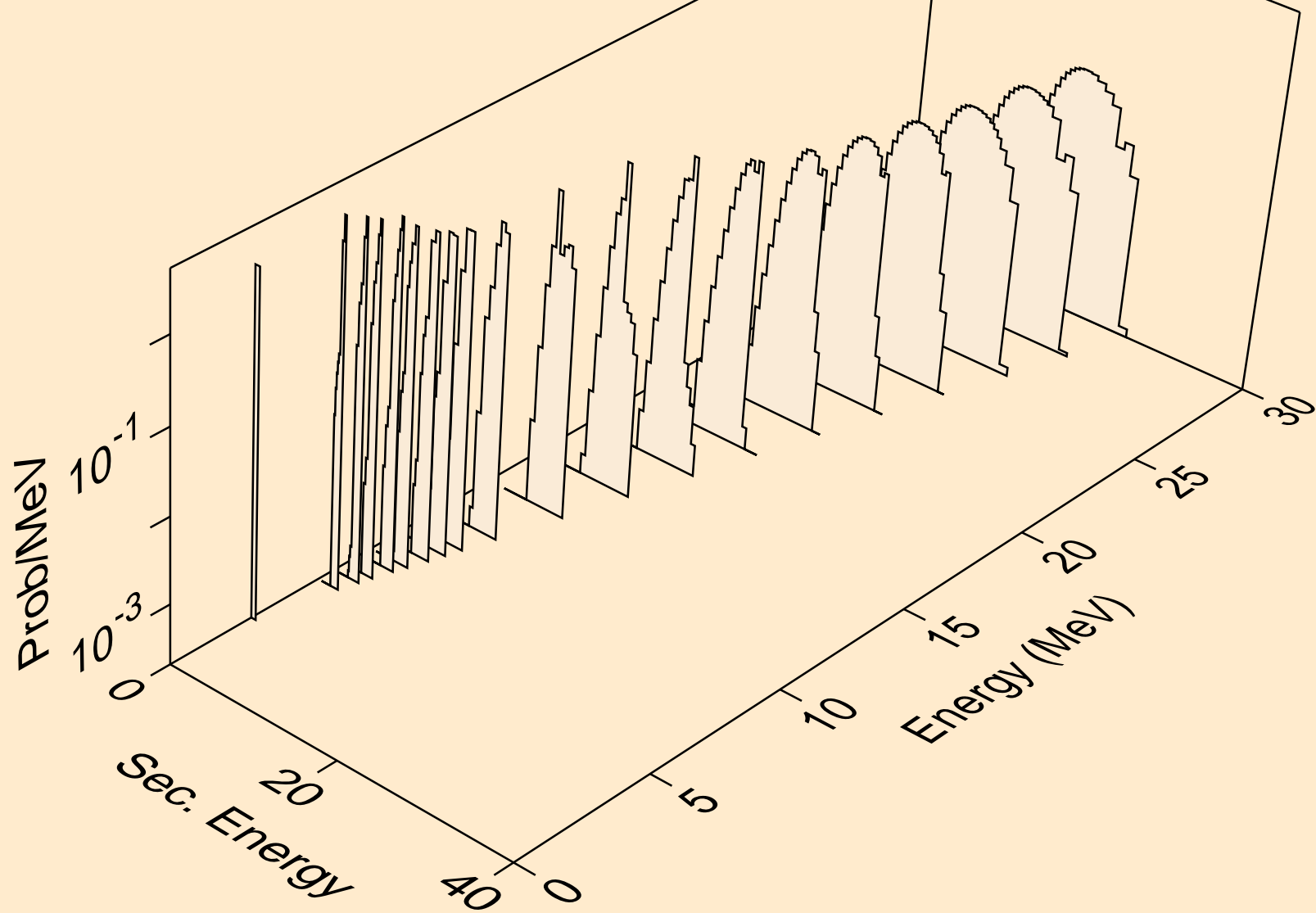
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



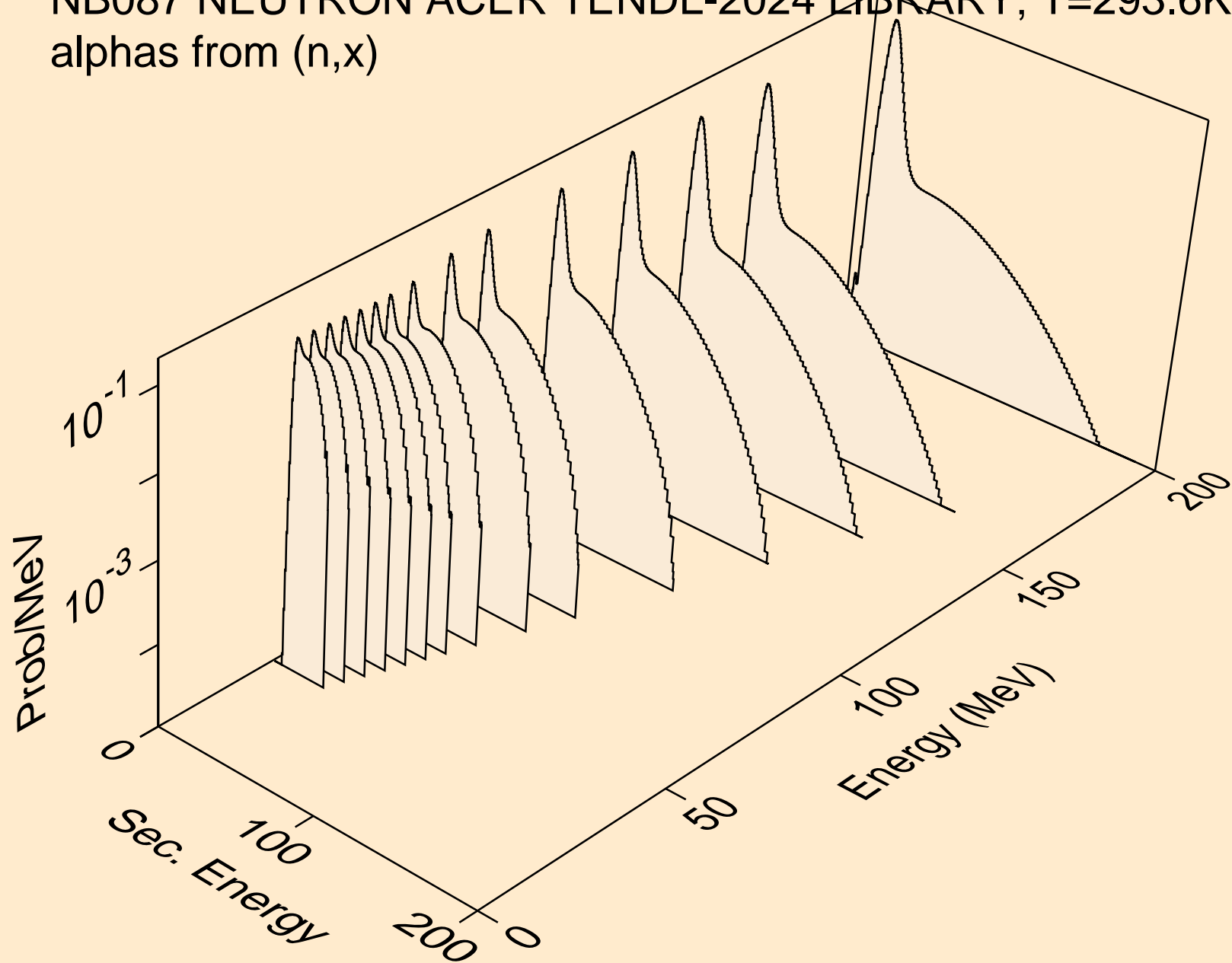
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



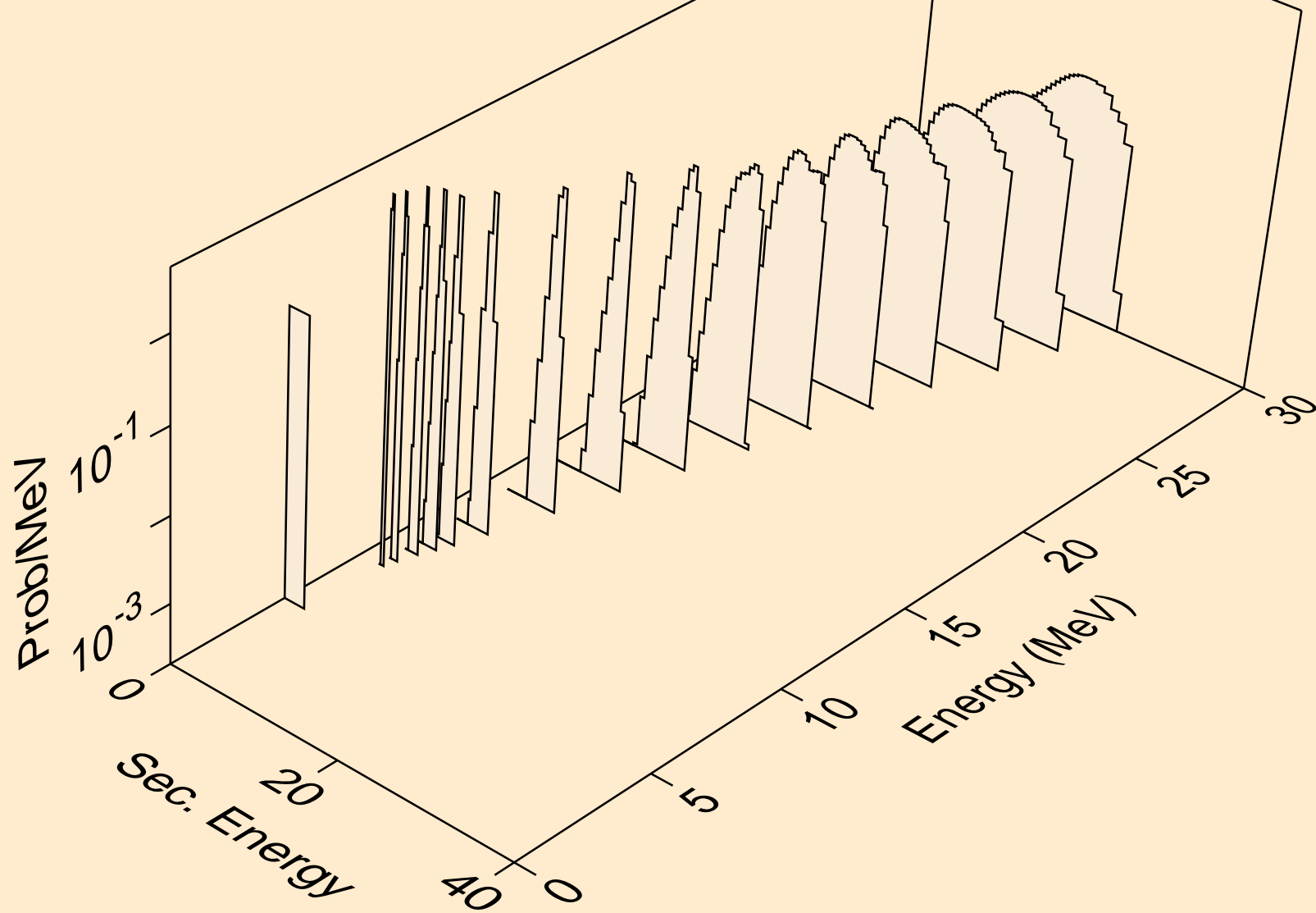
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



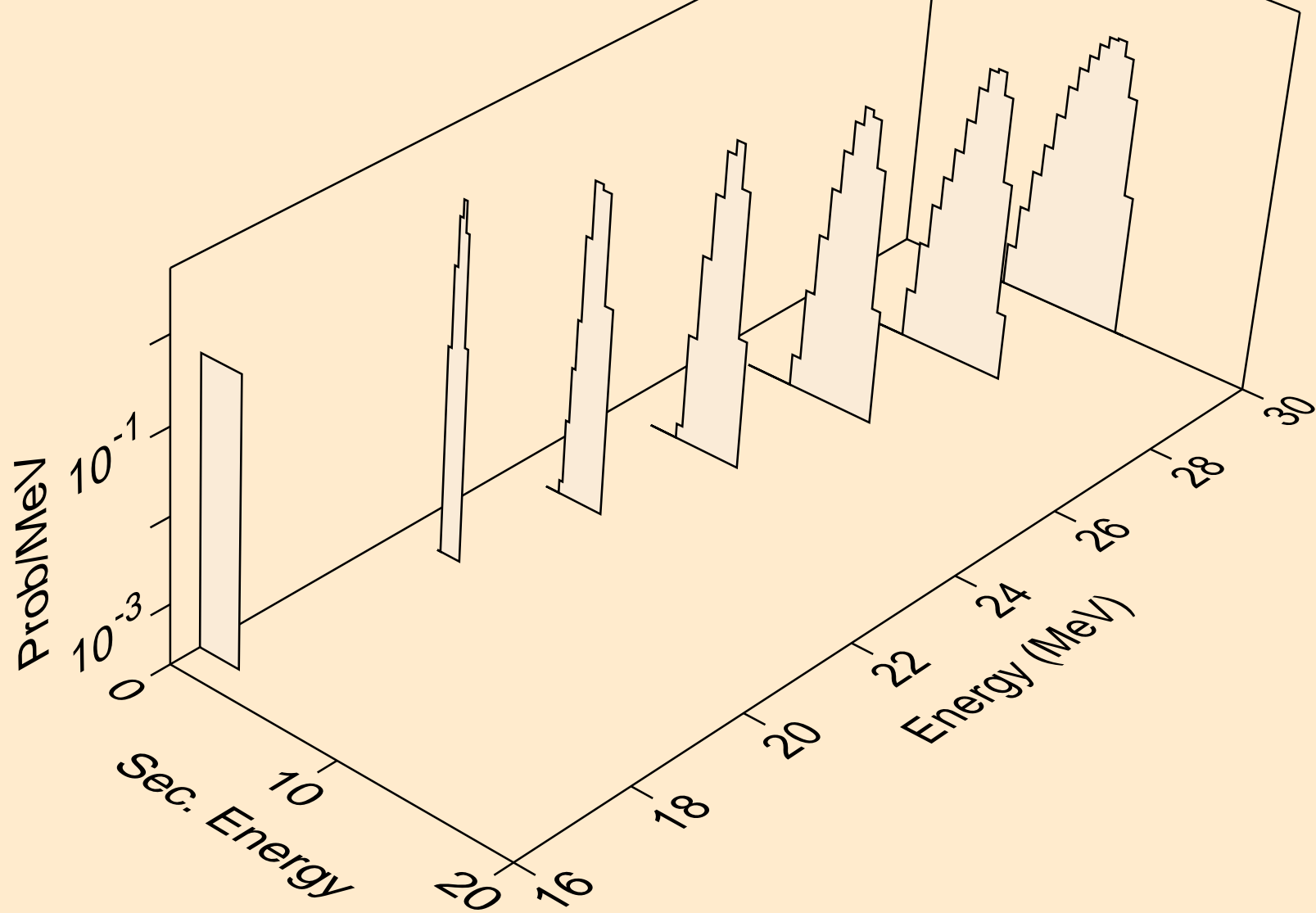
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



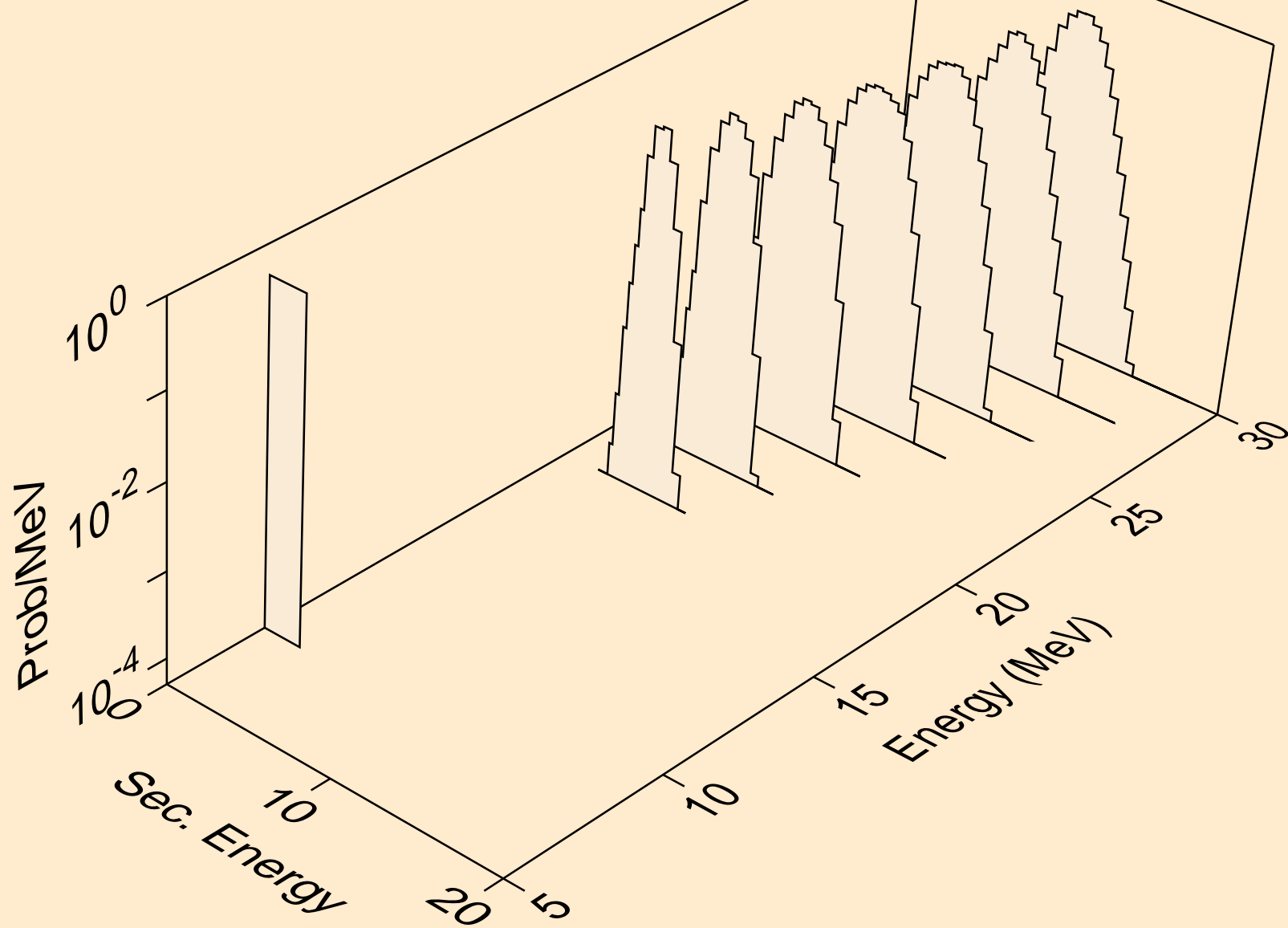
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



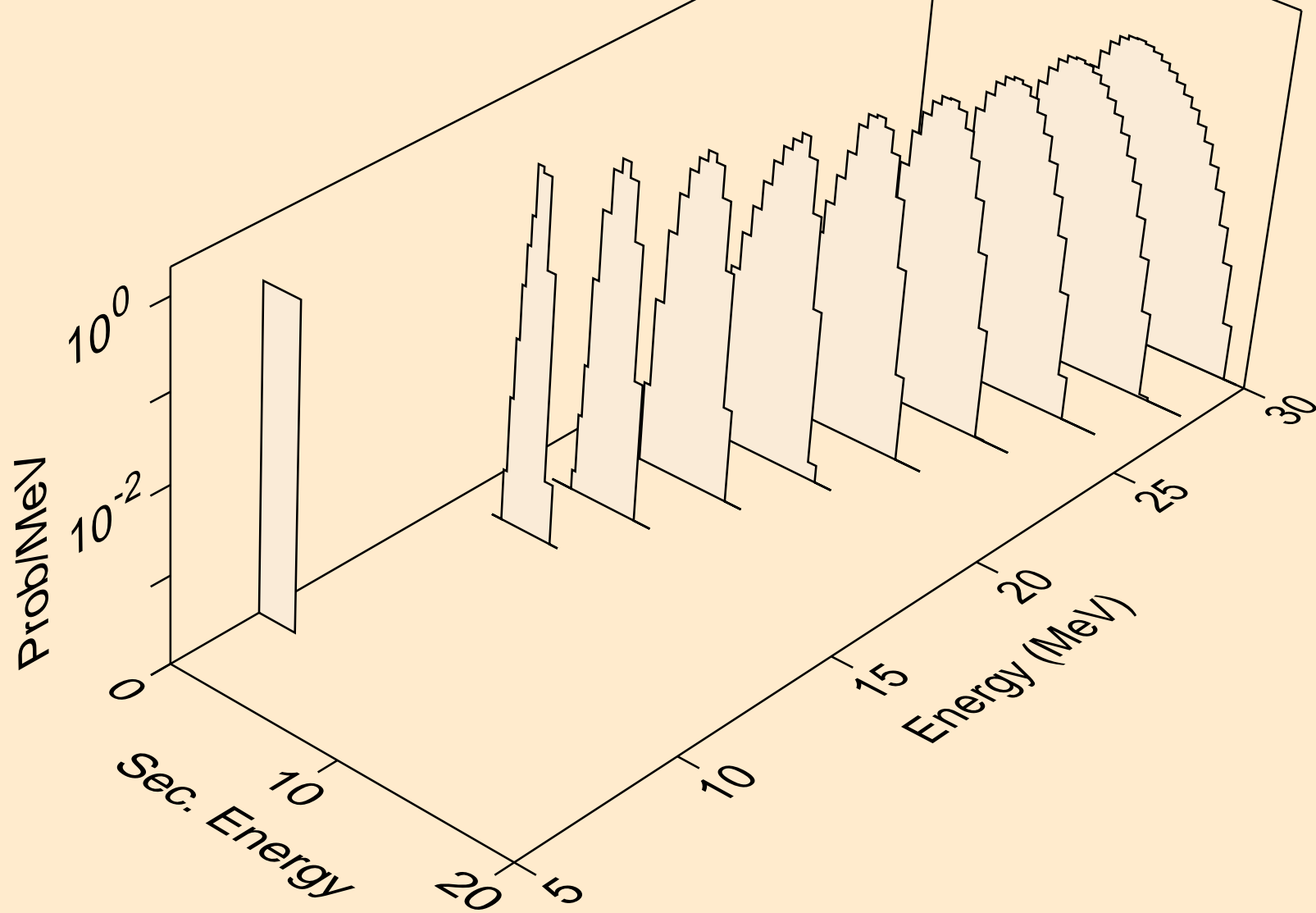
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



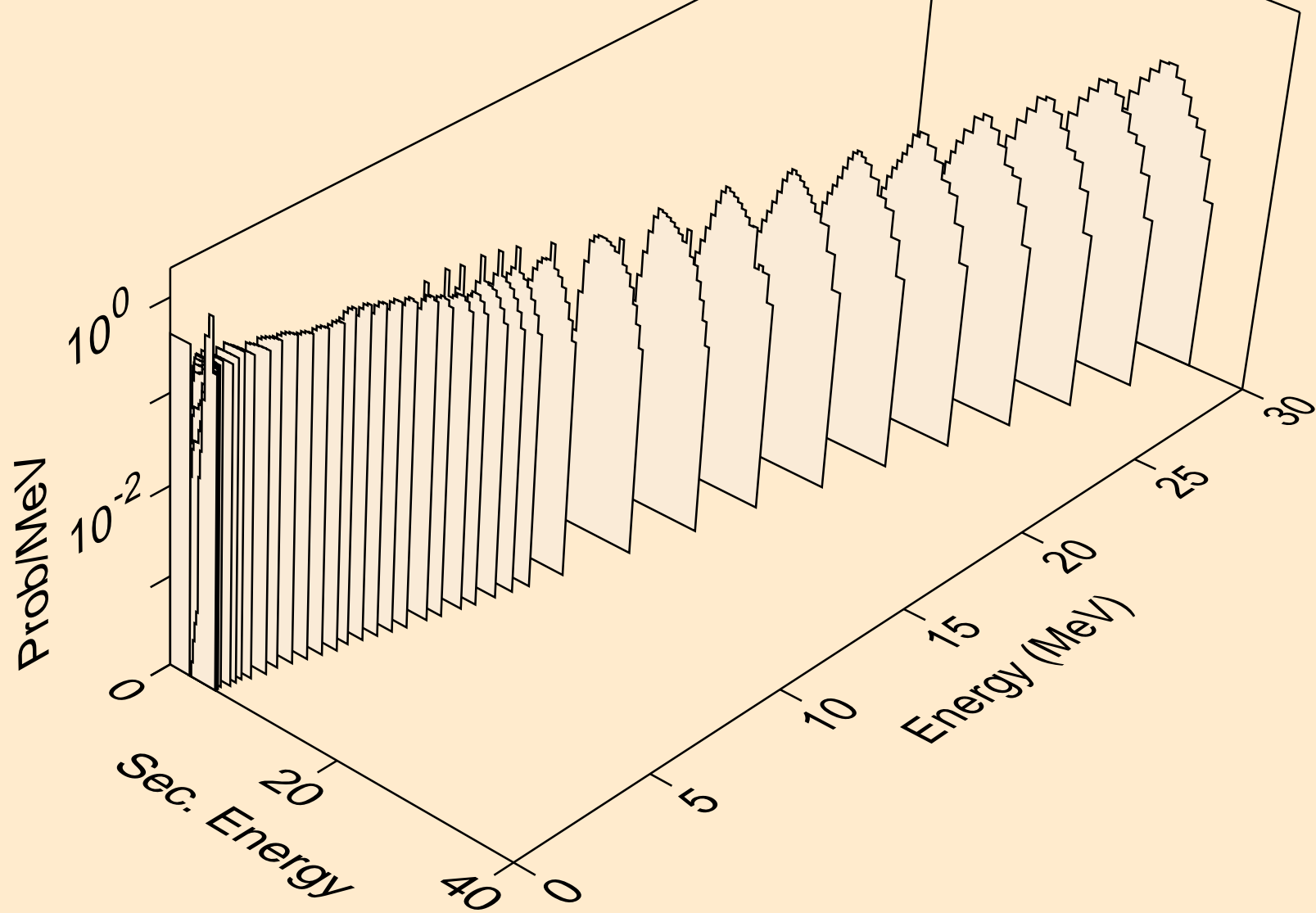
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



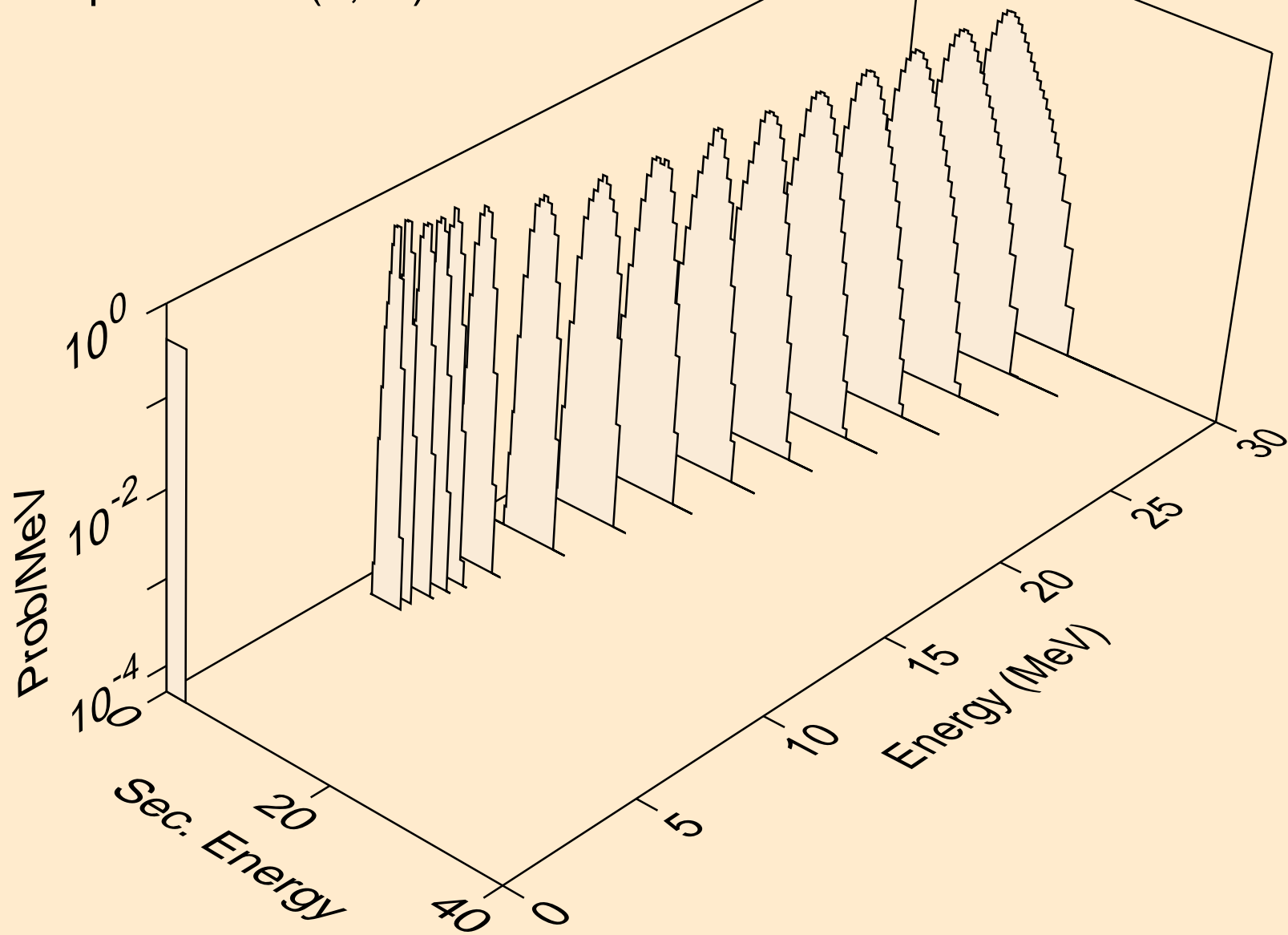
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



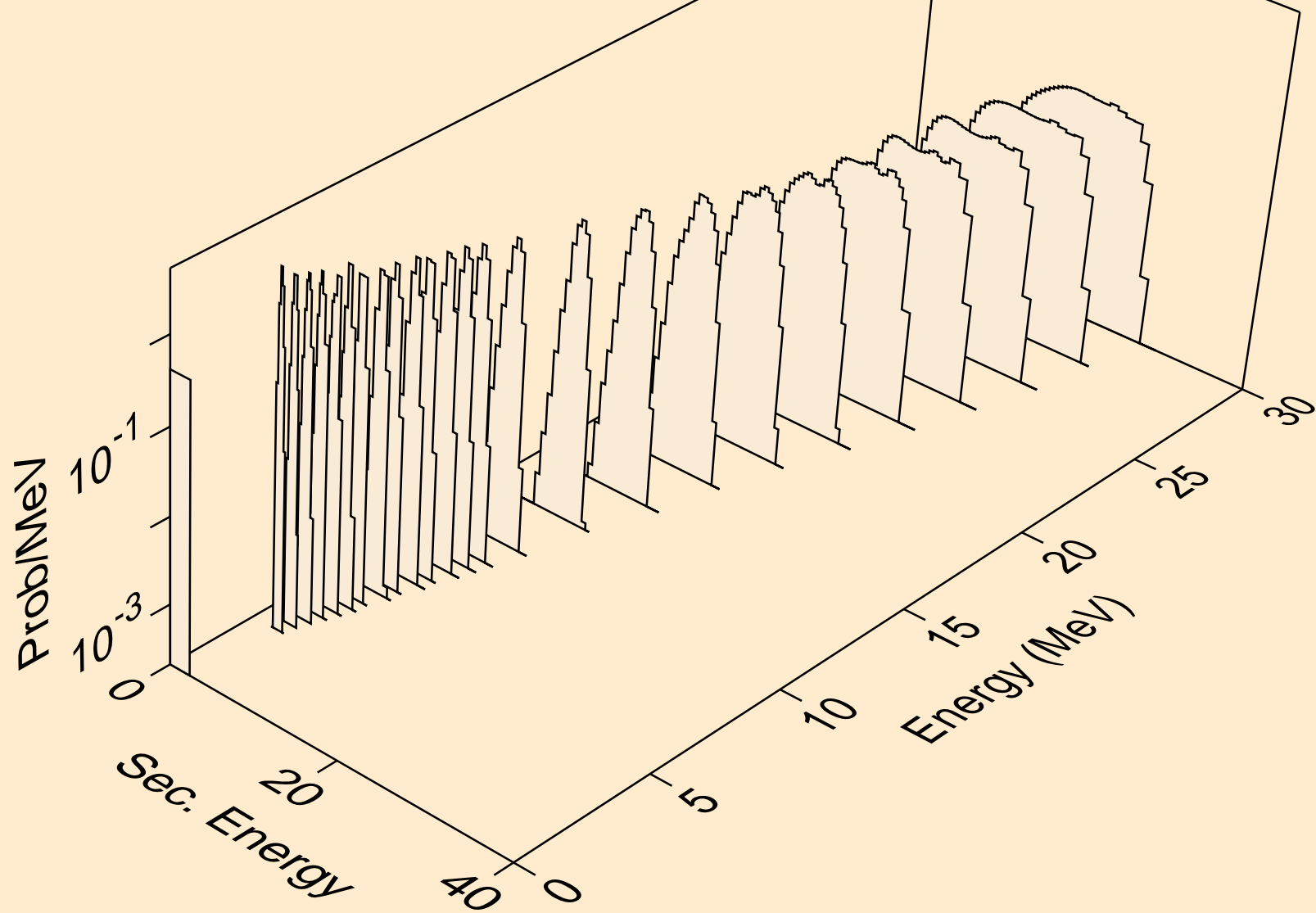
NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



NB087 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

