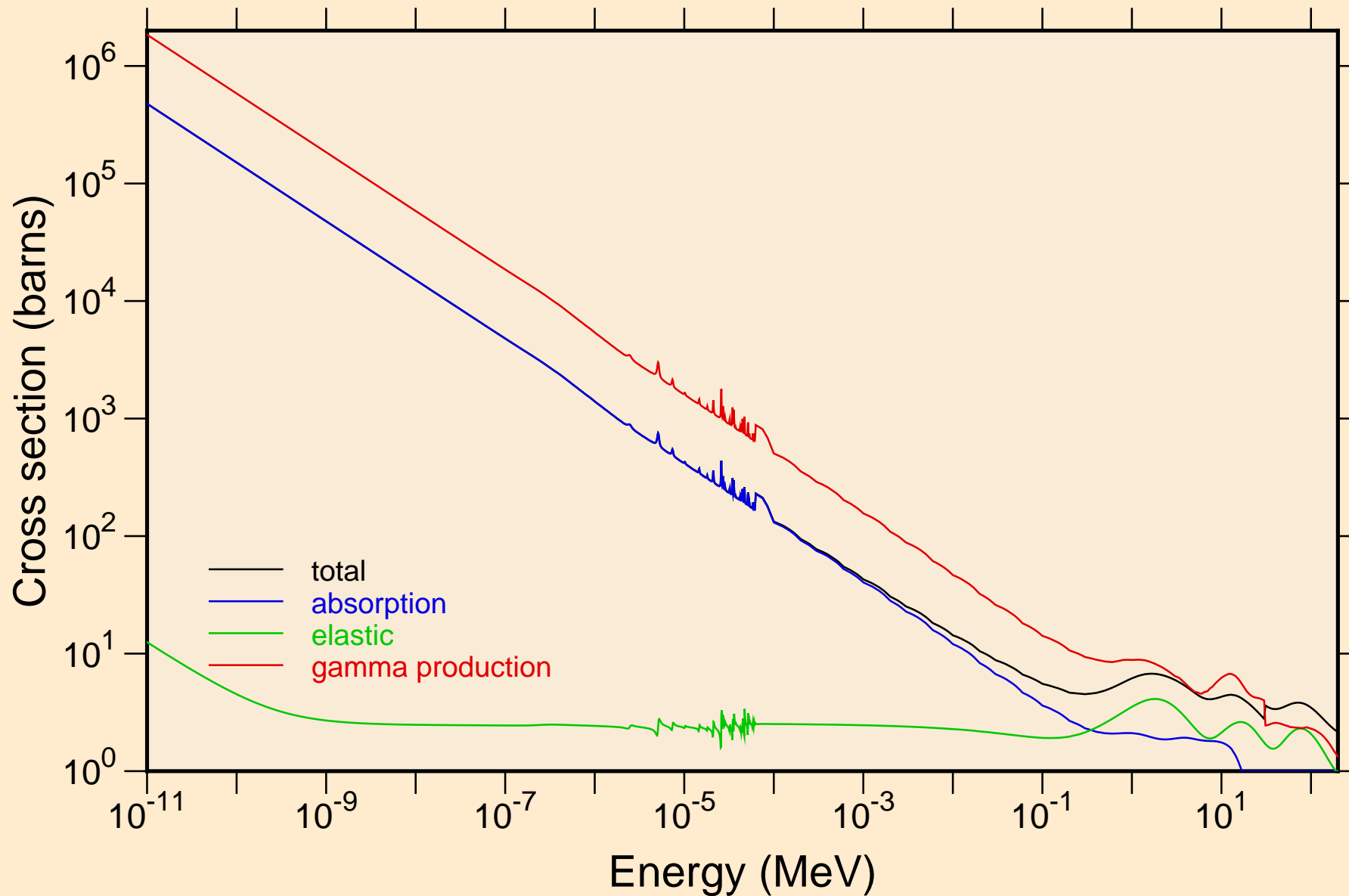
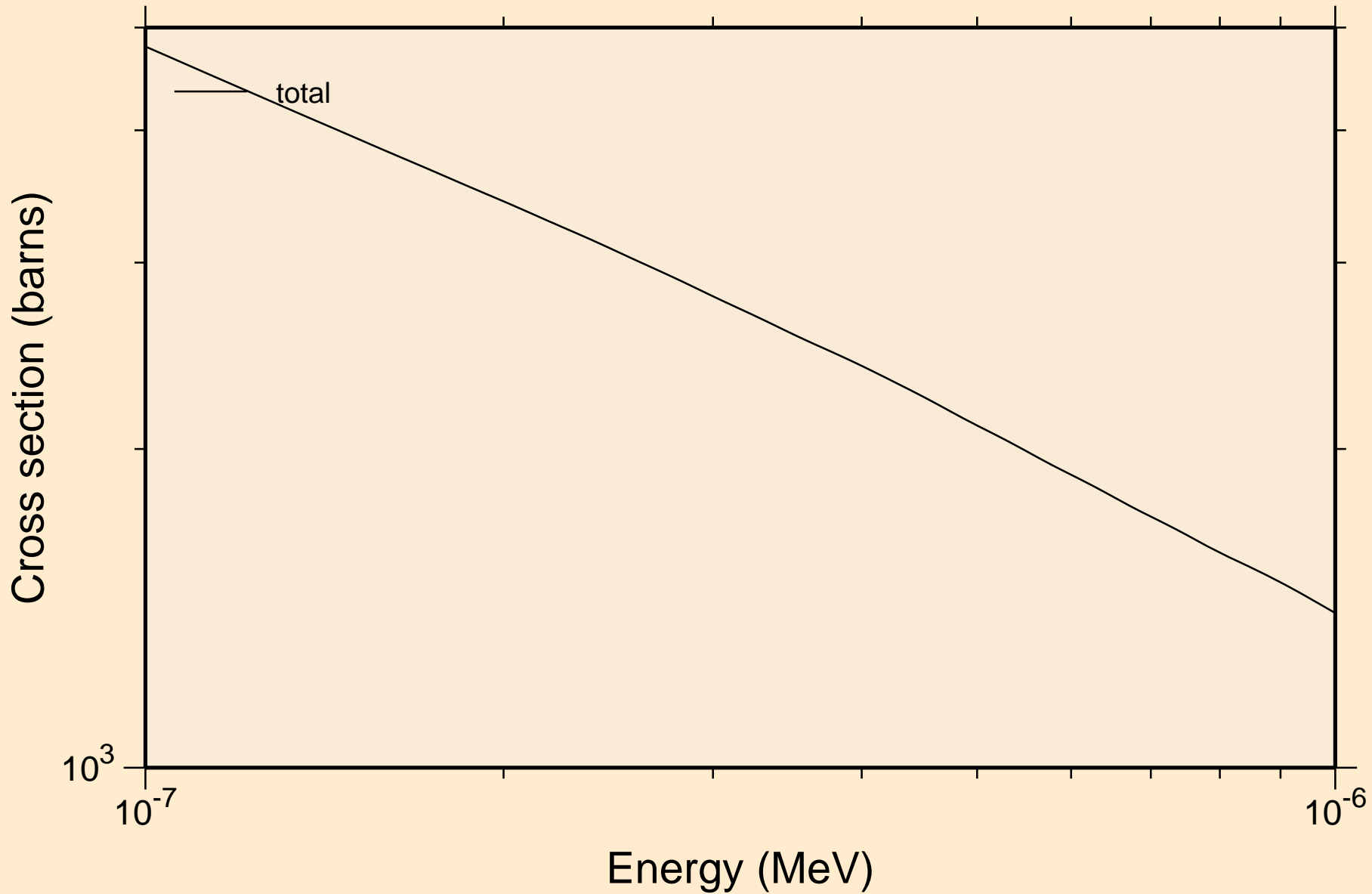


# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

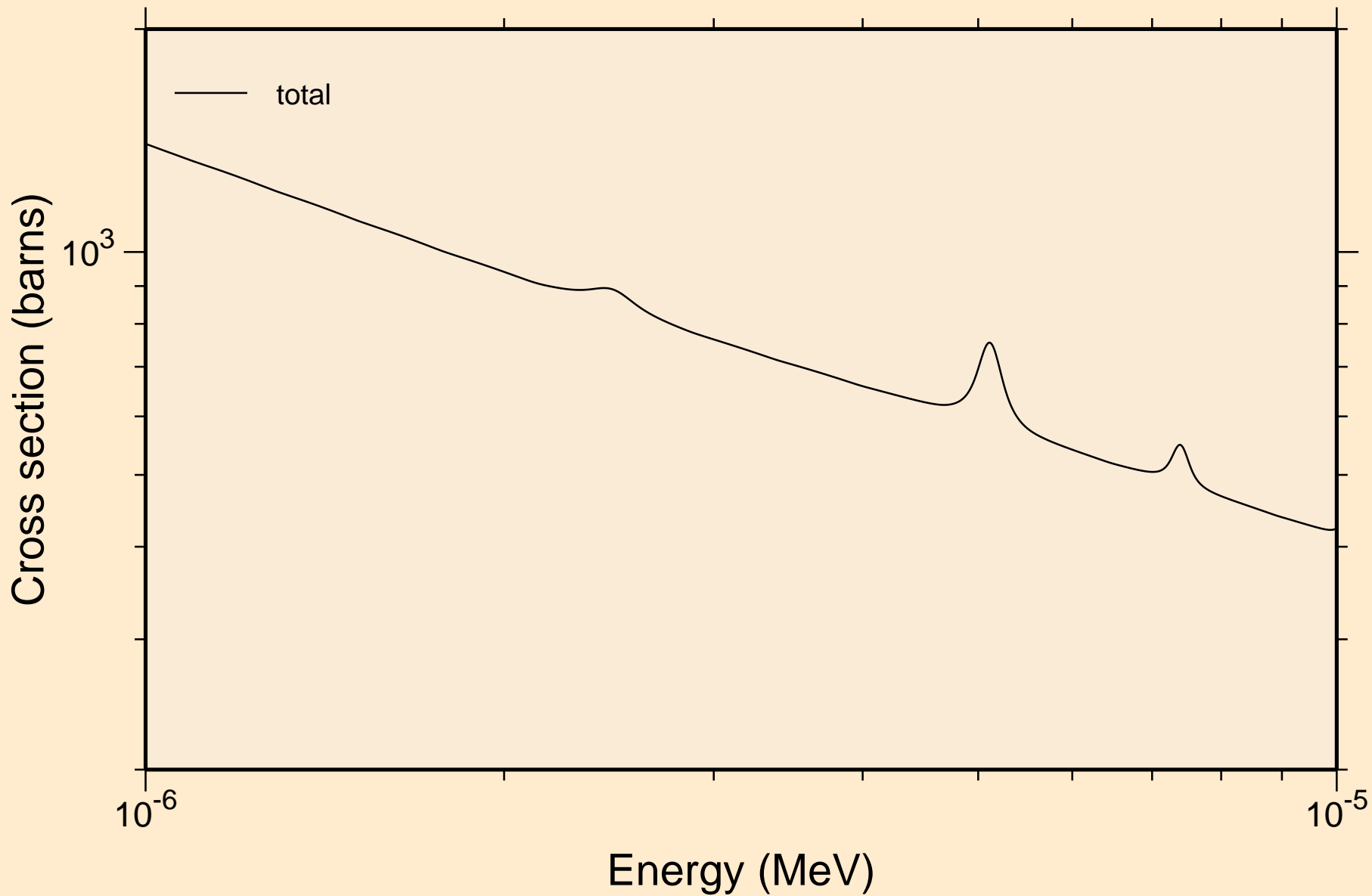
## Principal cross sections



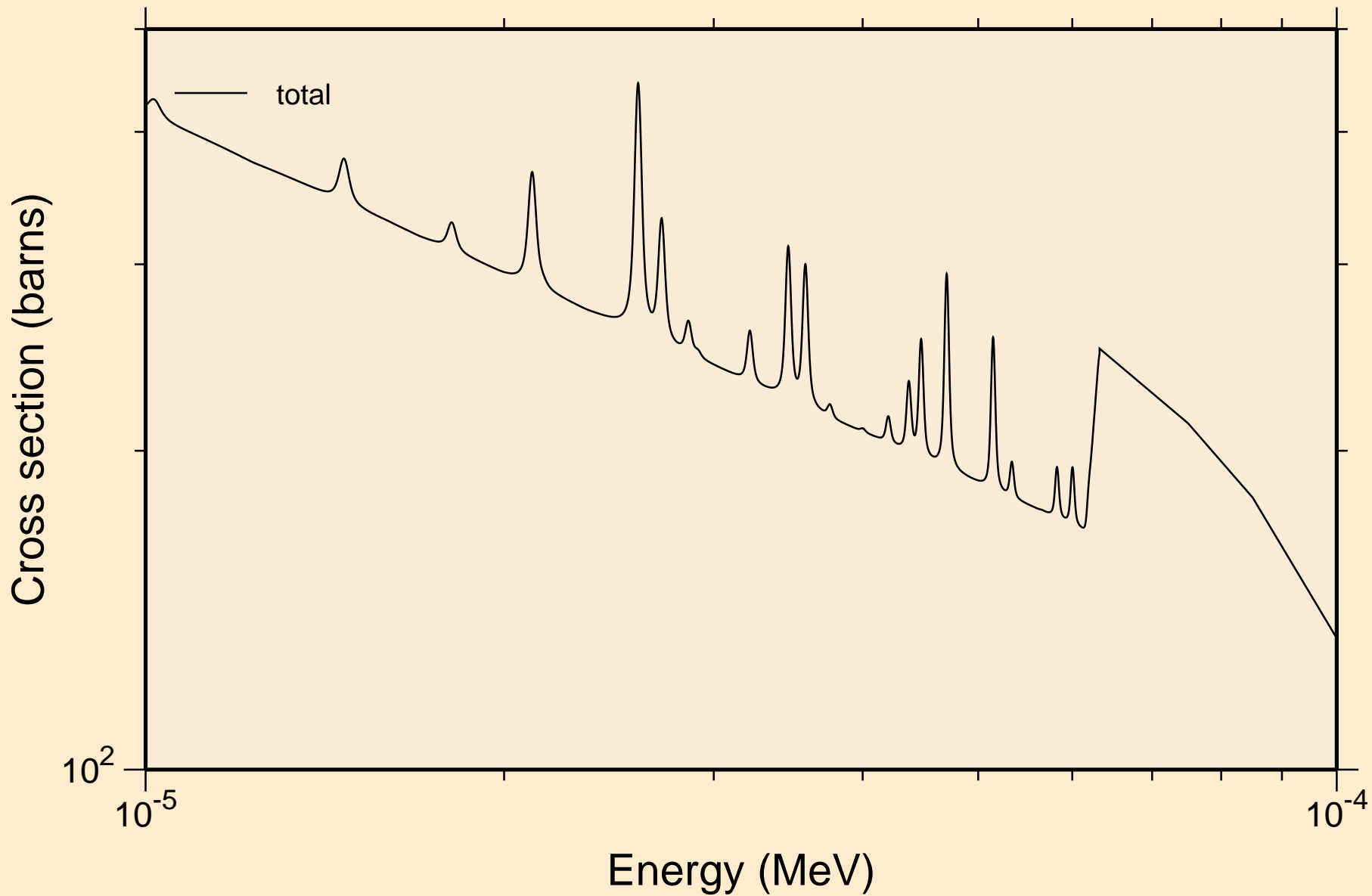
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



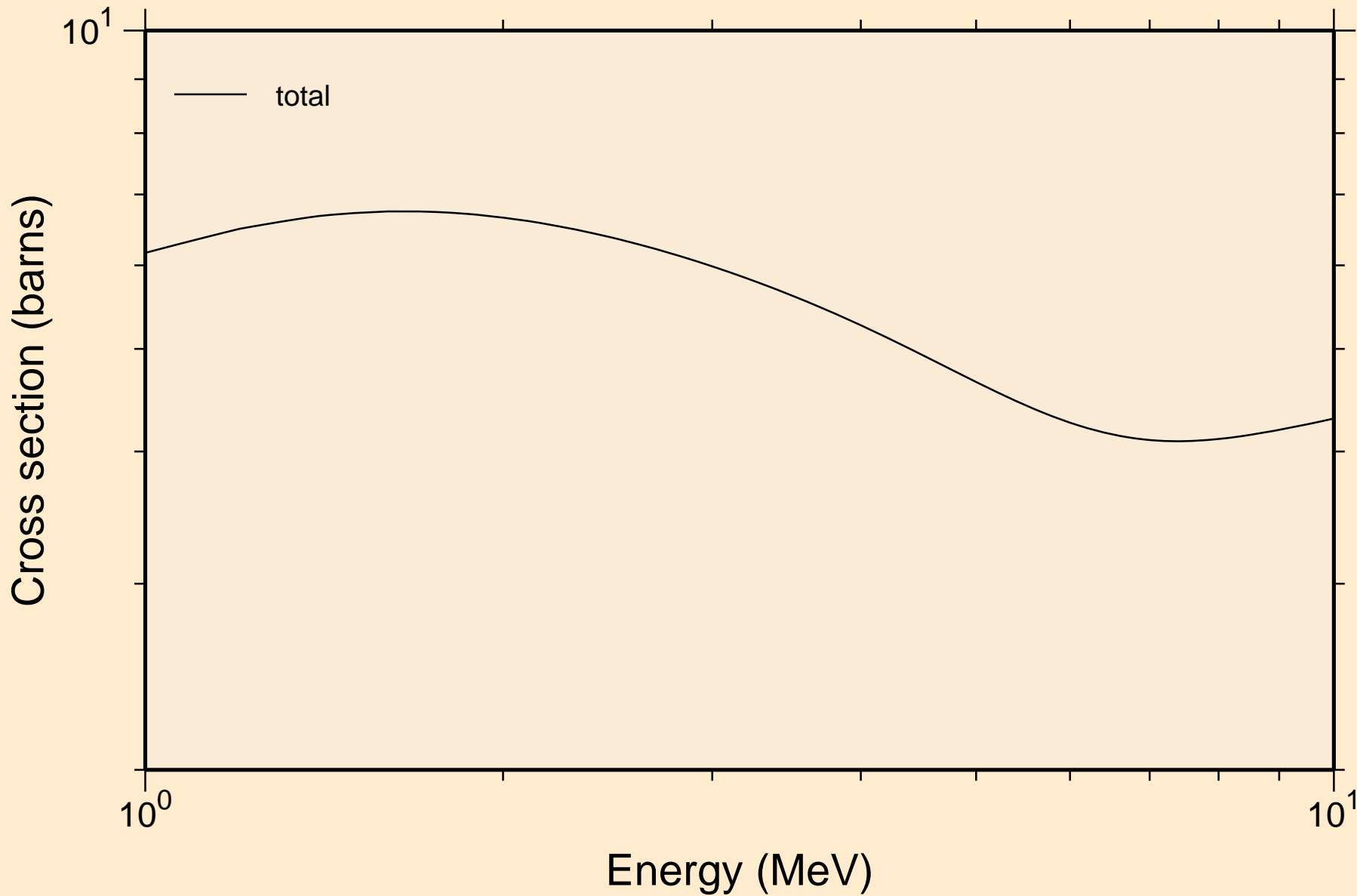
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



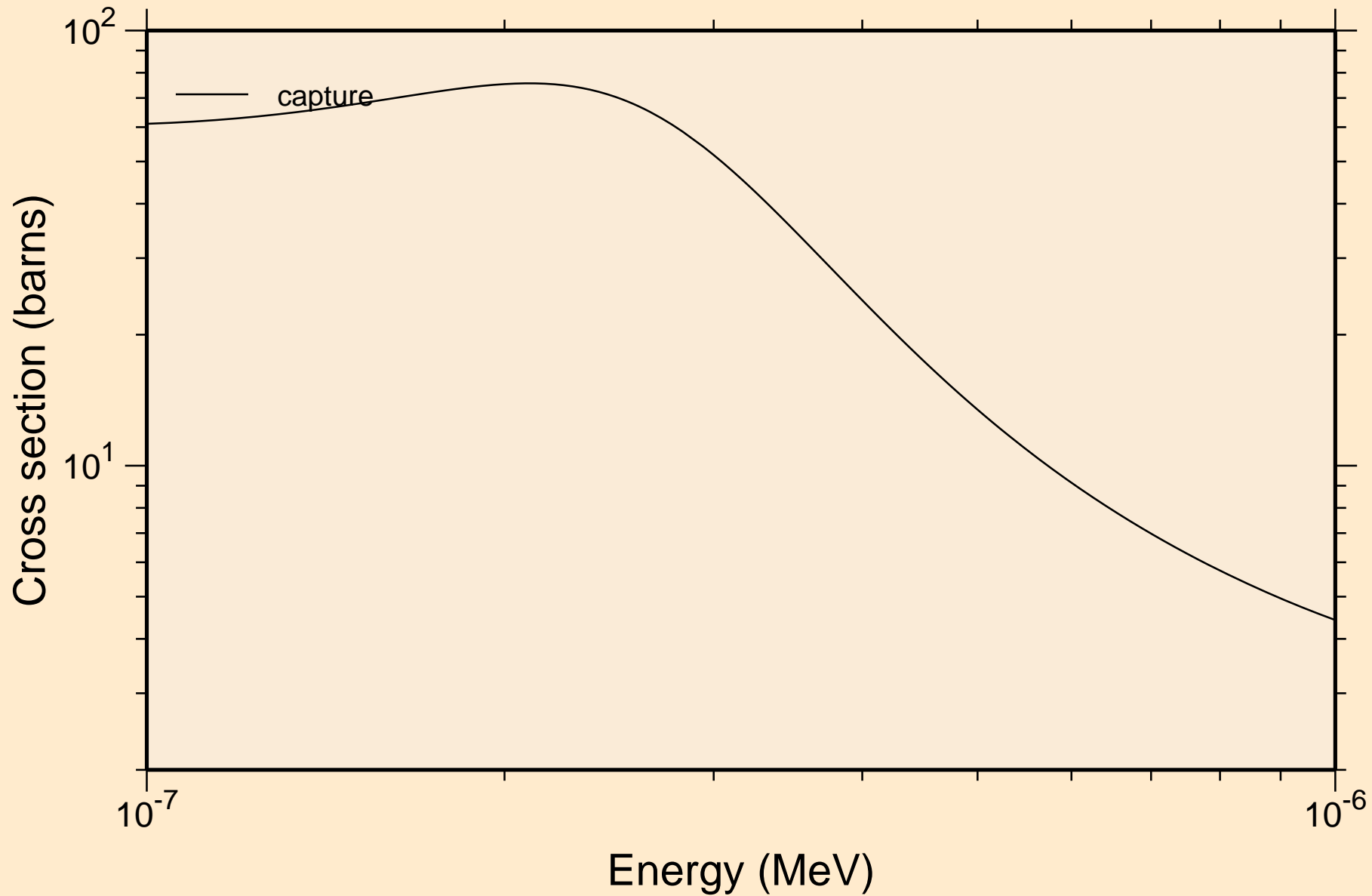
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



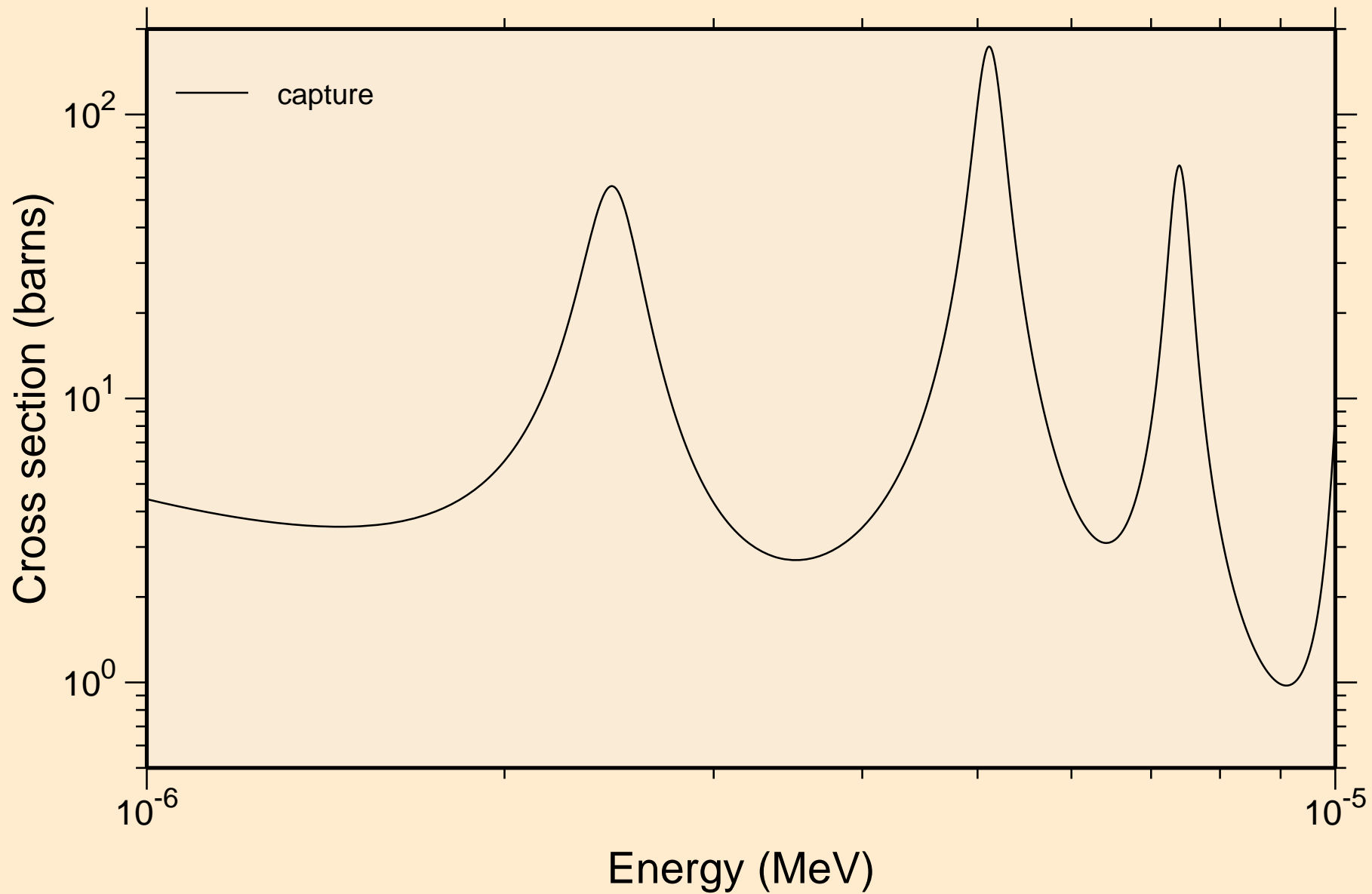
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



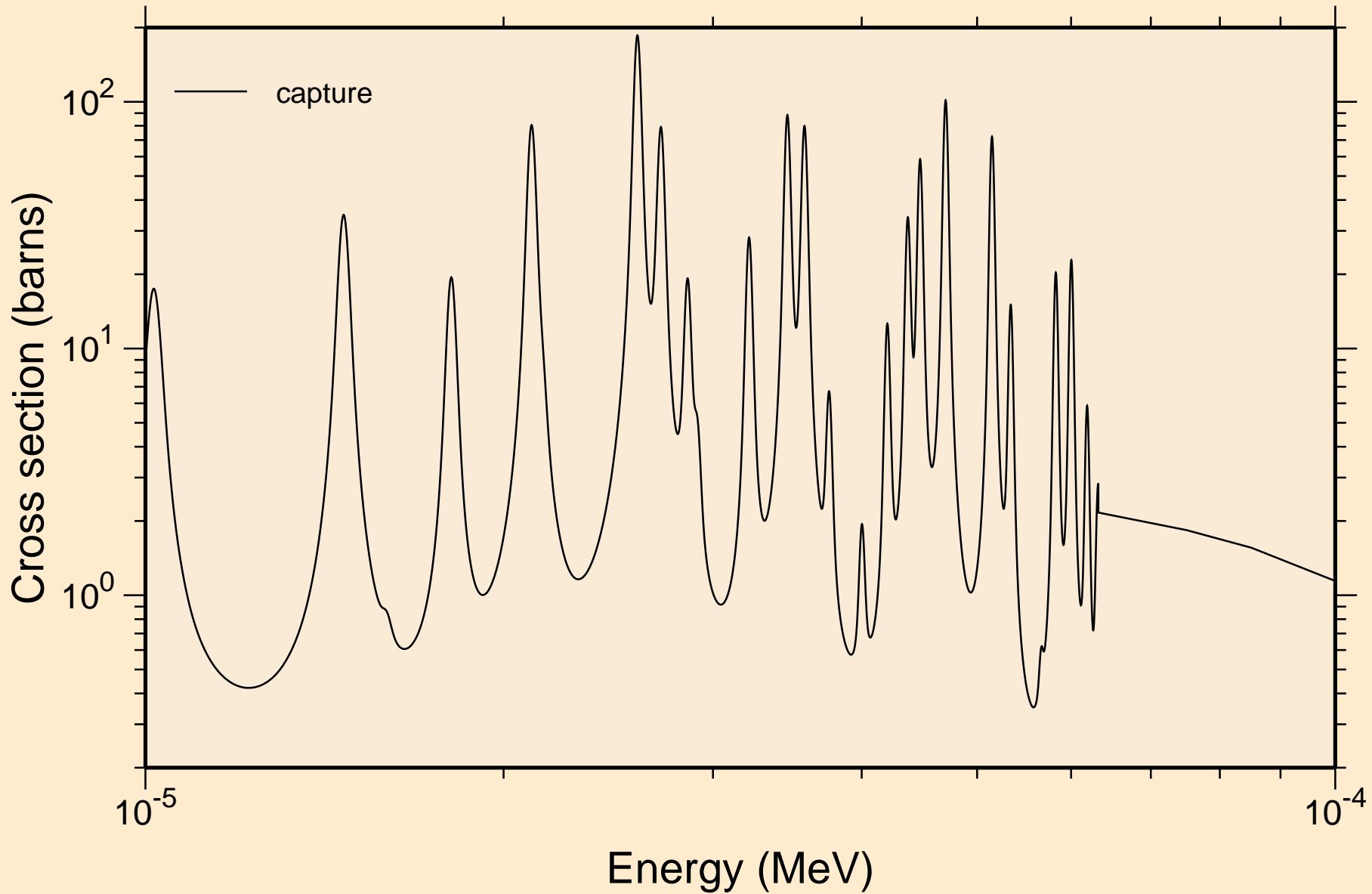
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



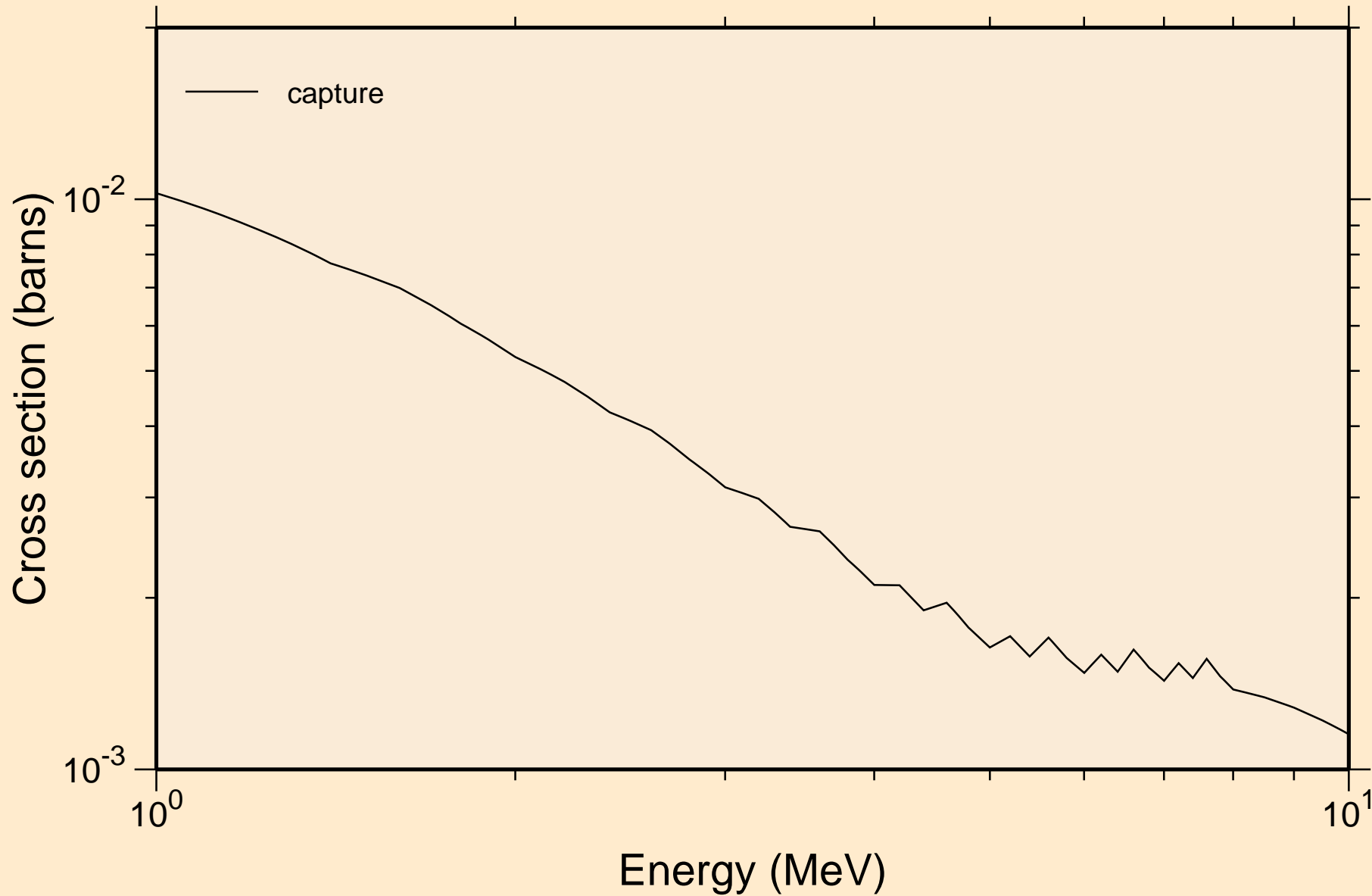
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



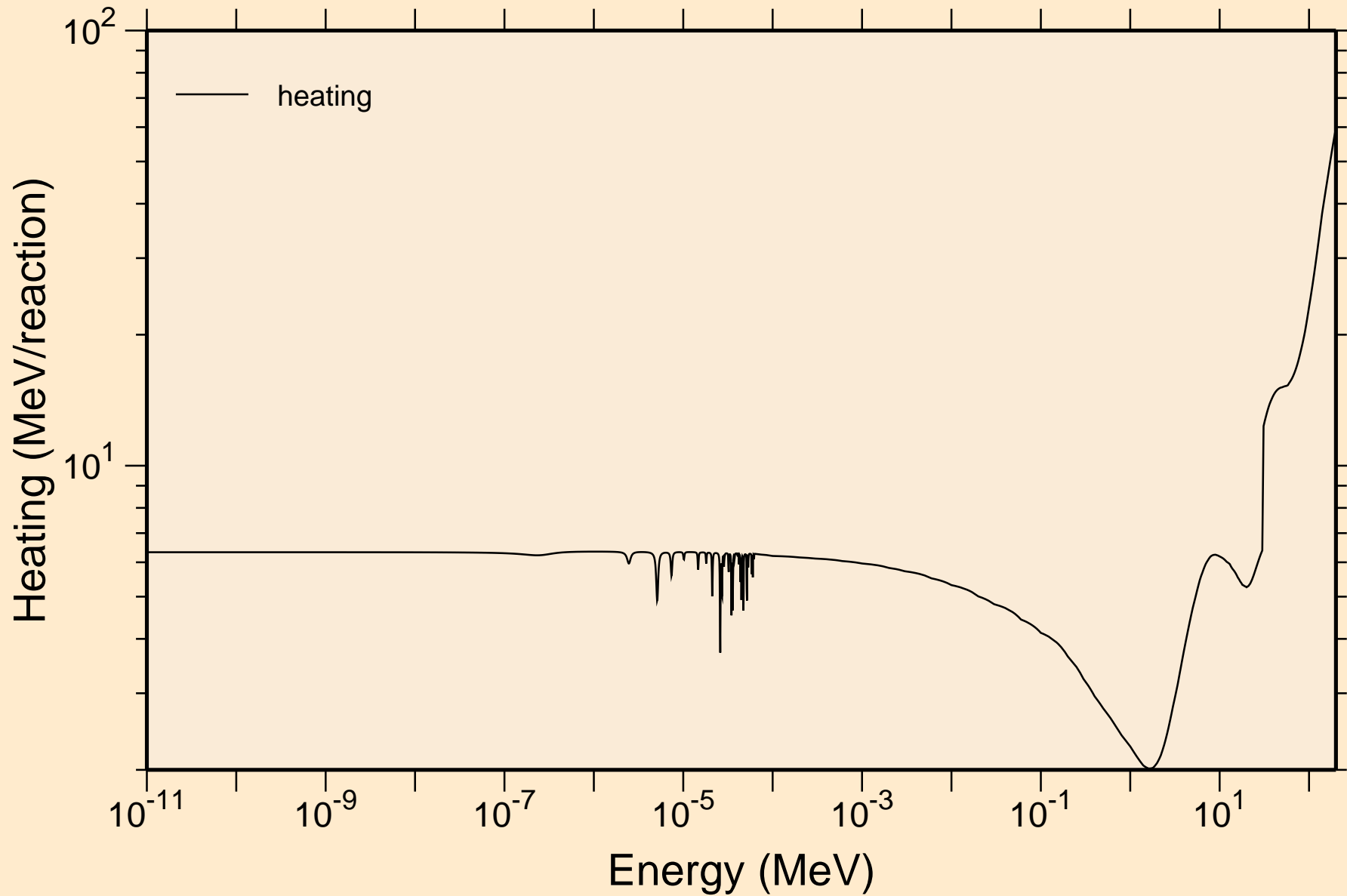
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



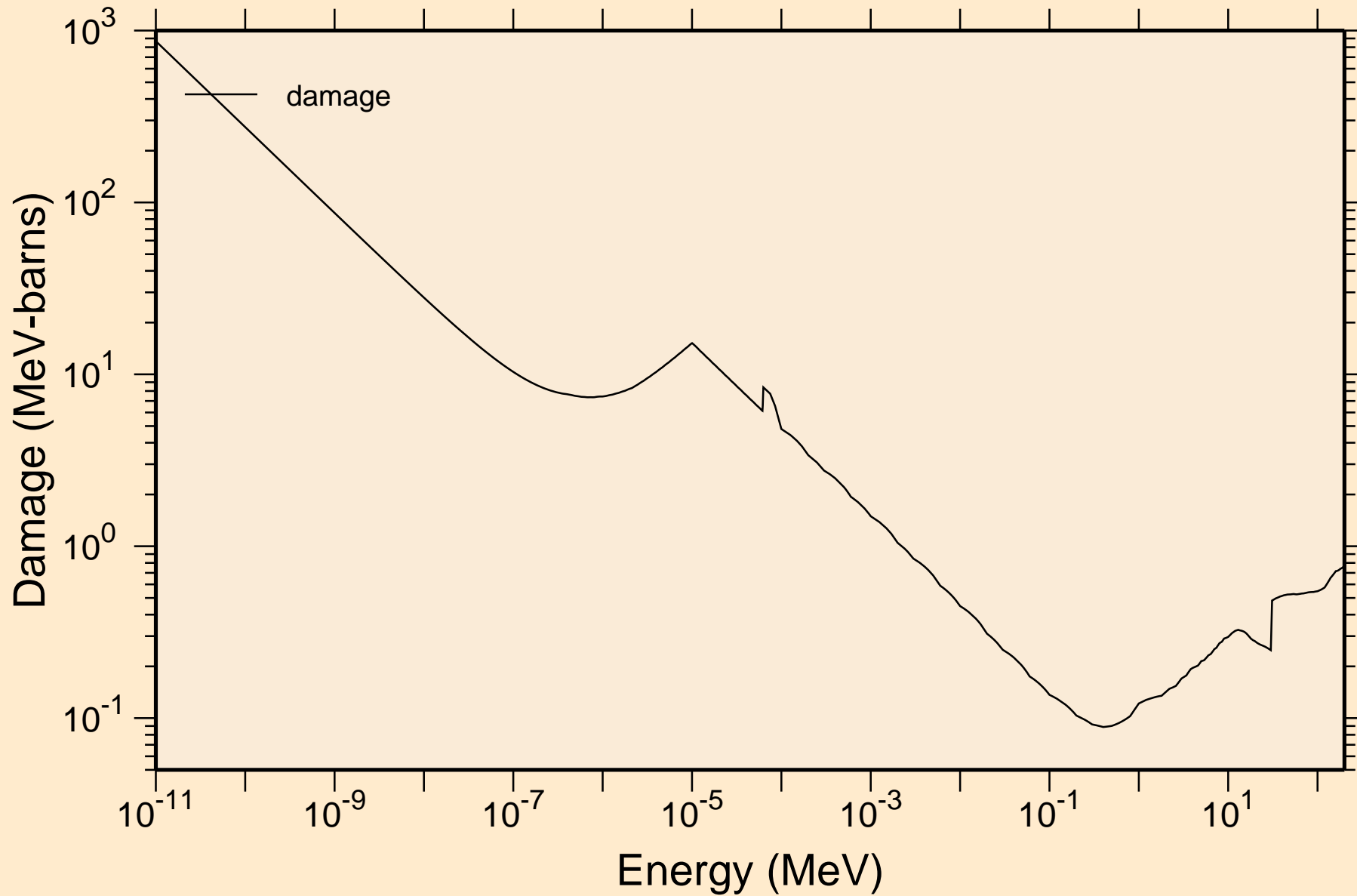
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



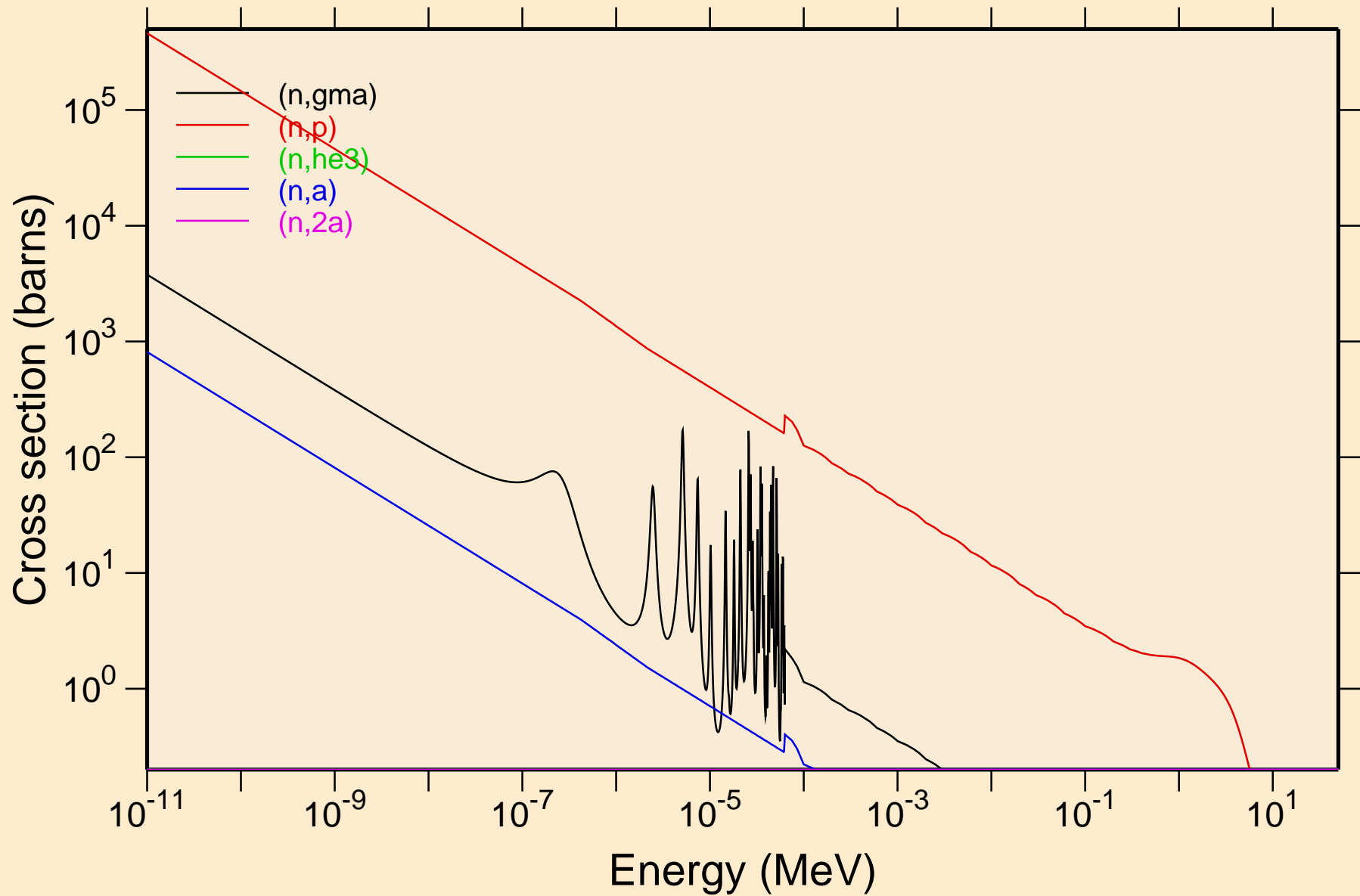
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

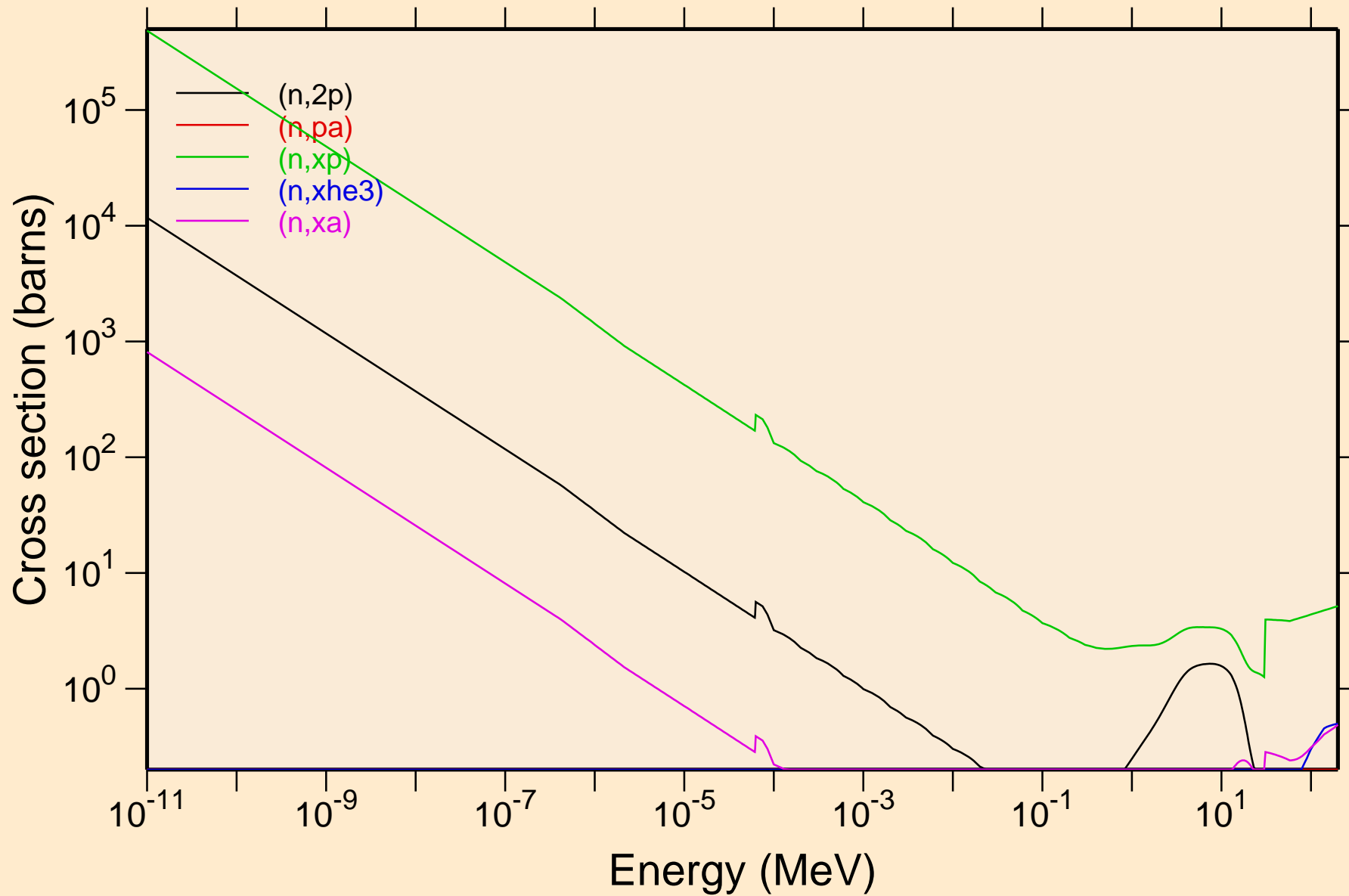


SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



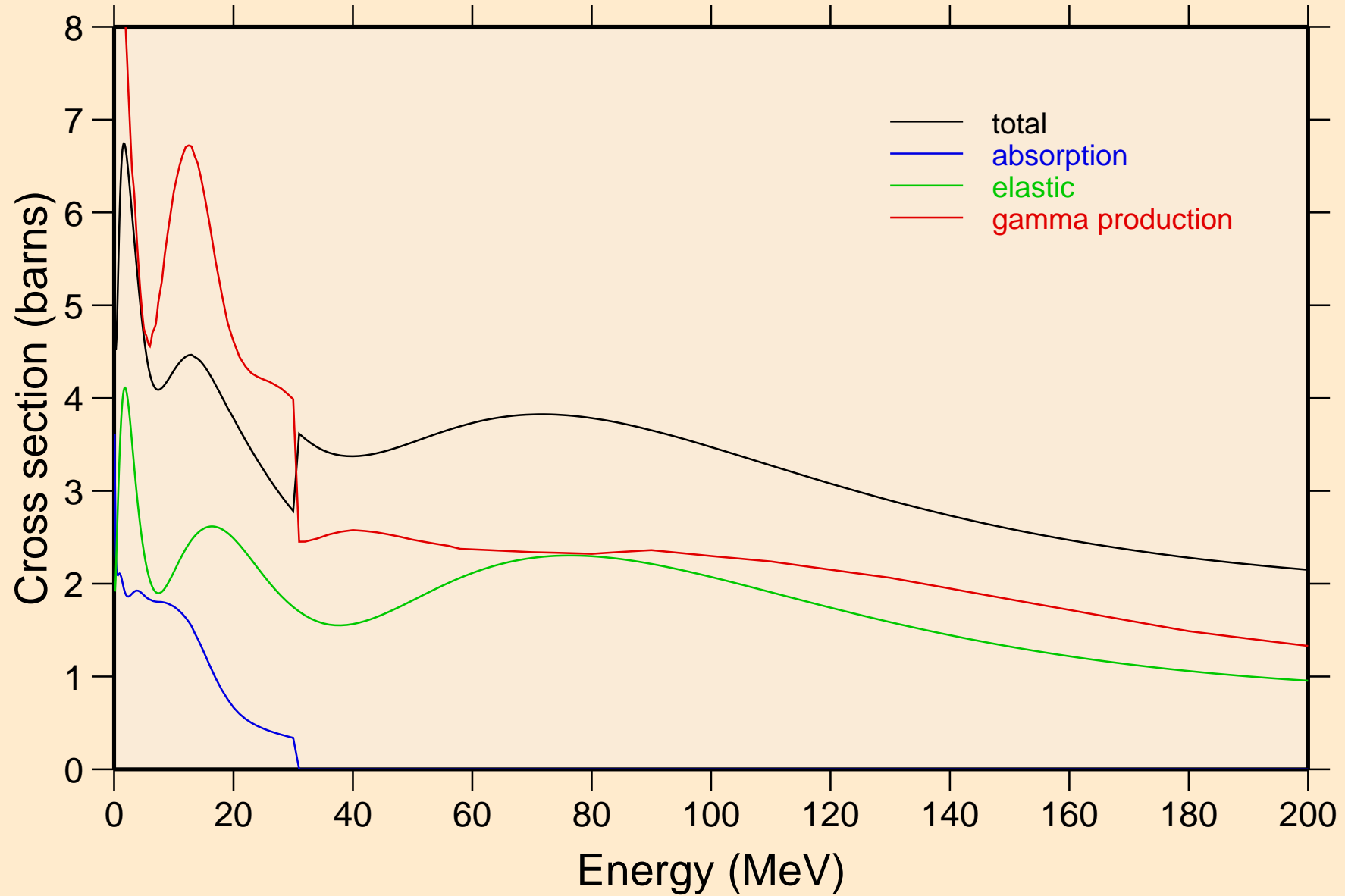
# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions



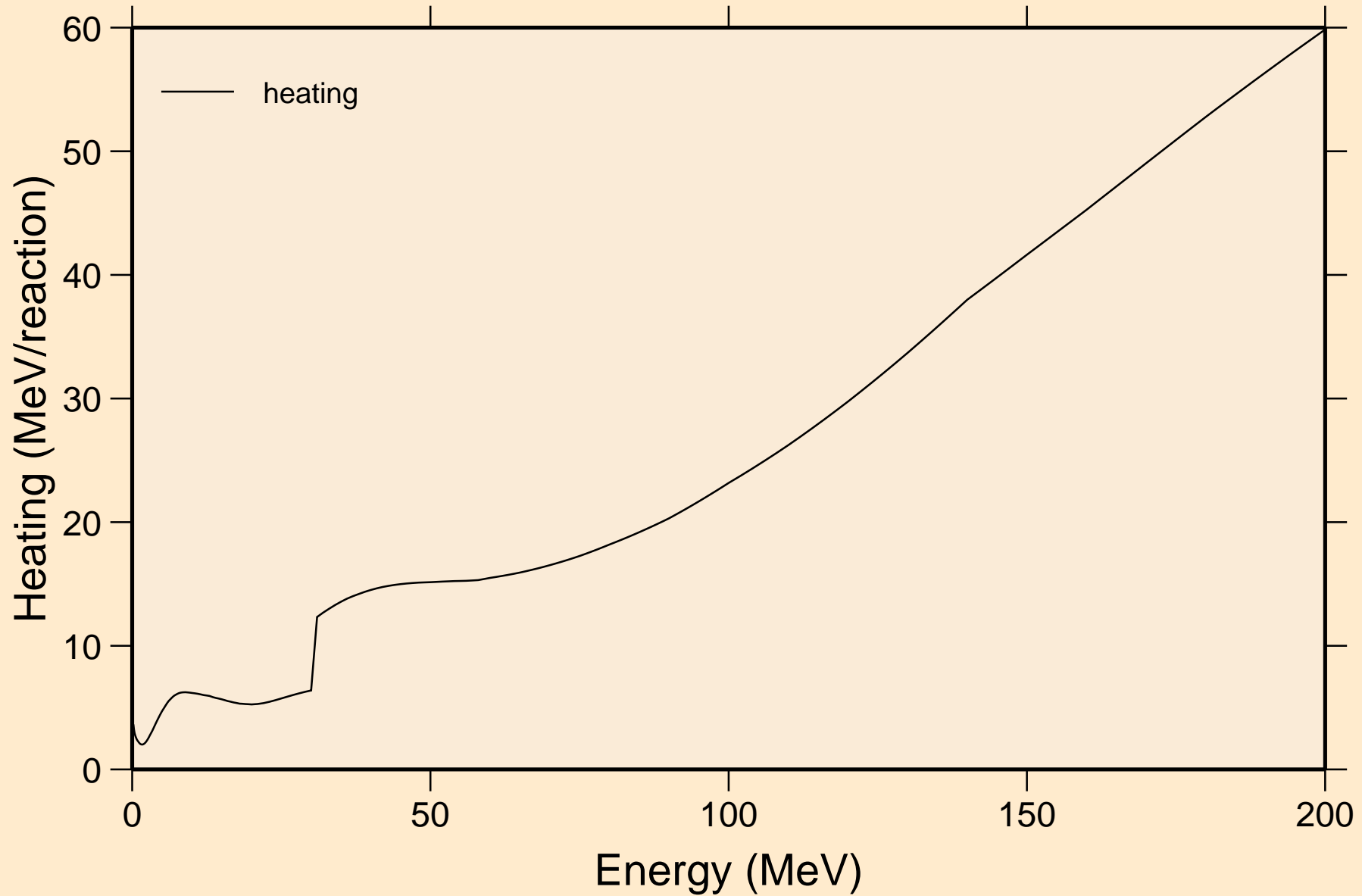
# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



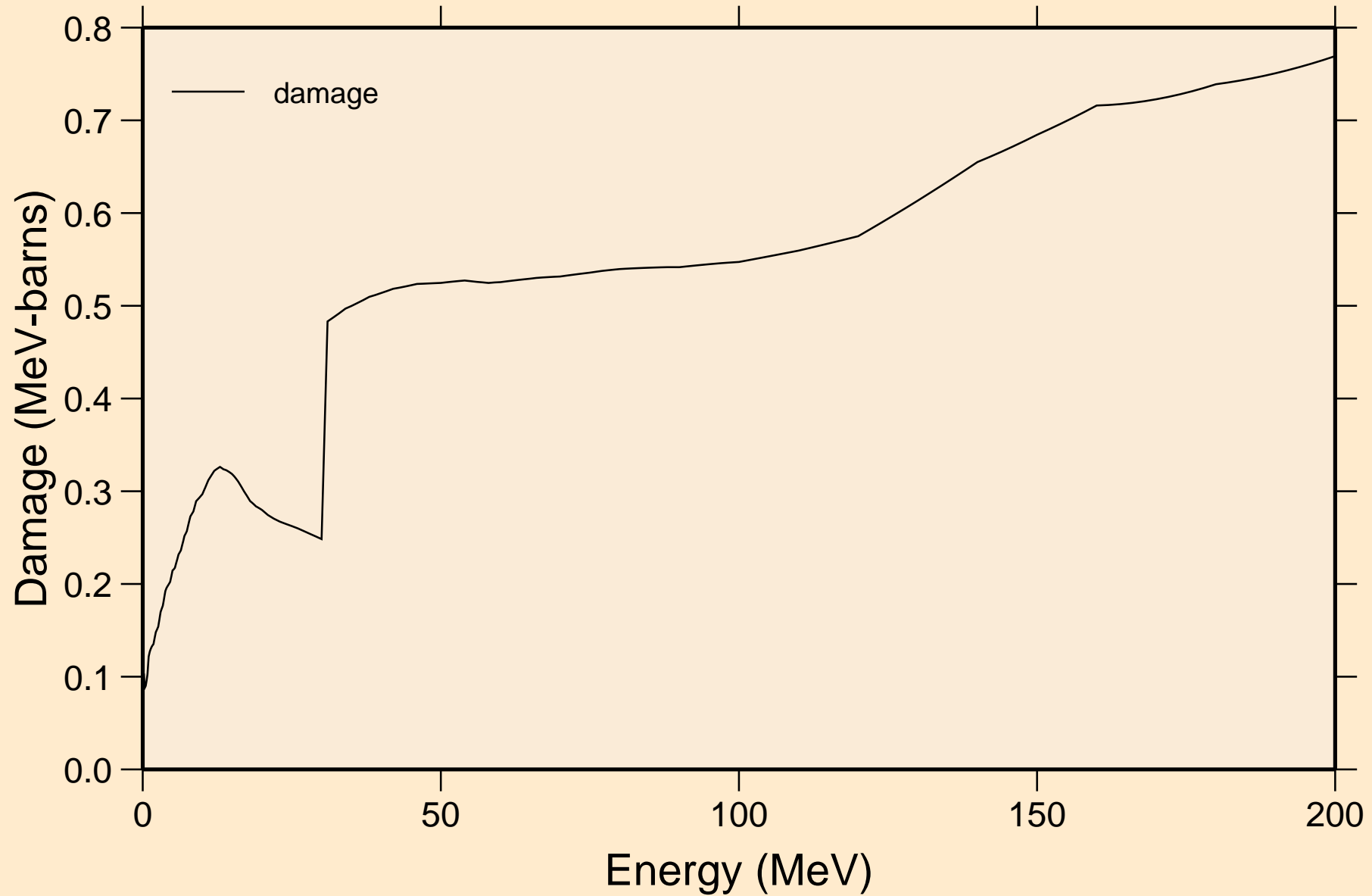
# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

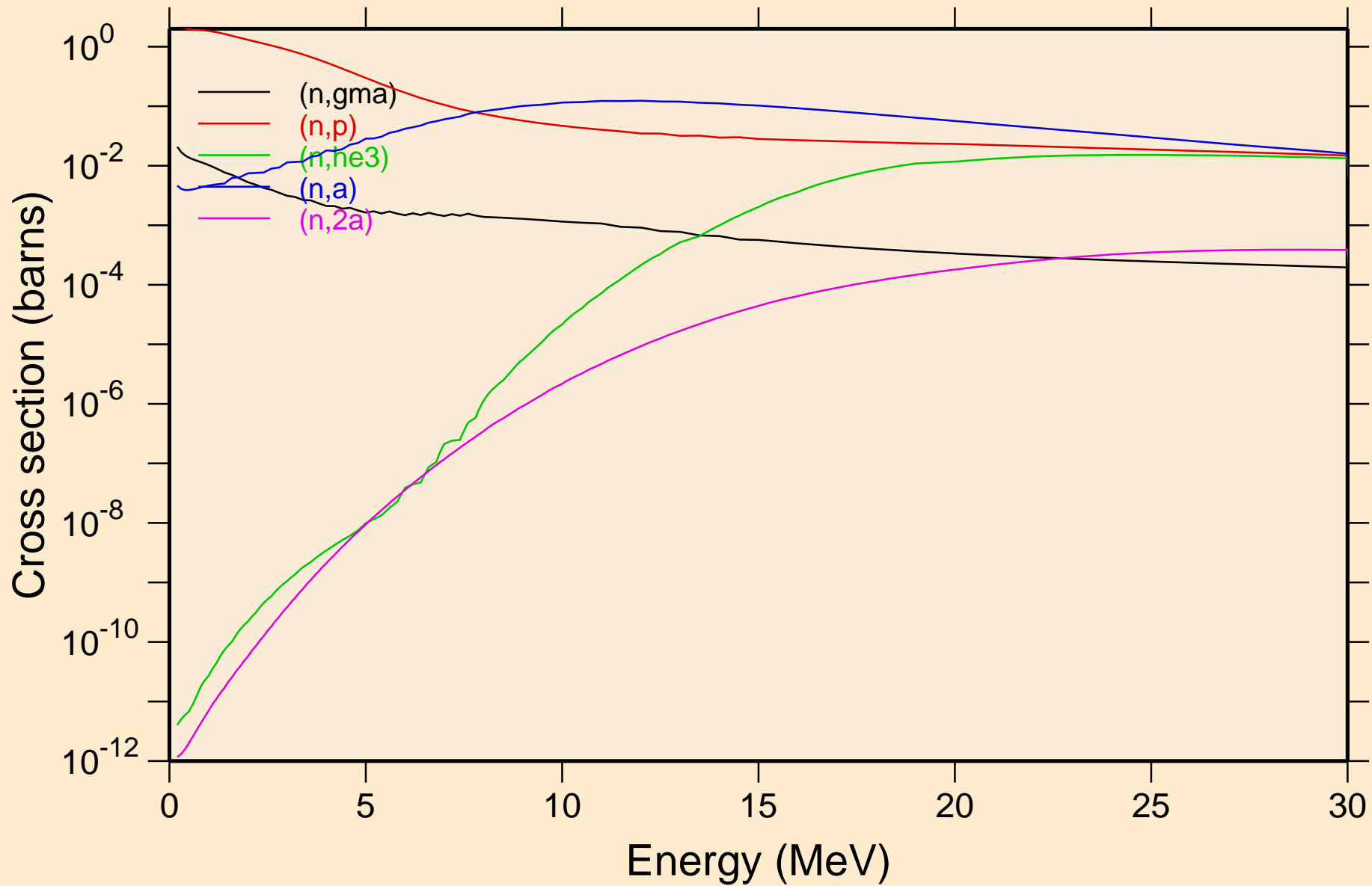


# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

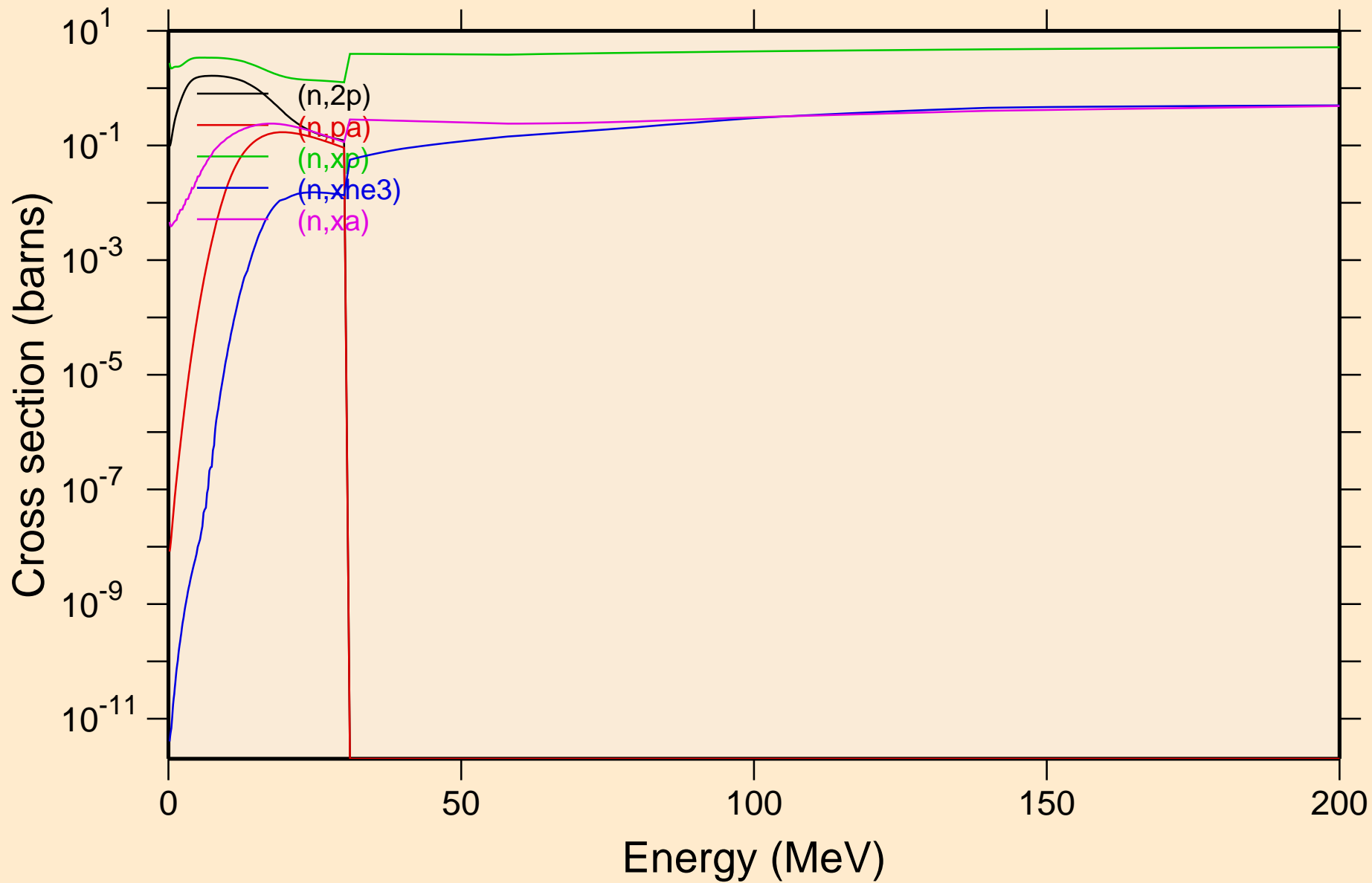


SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

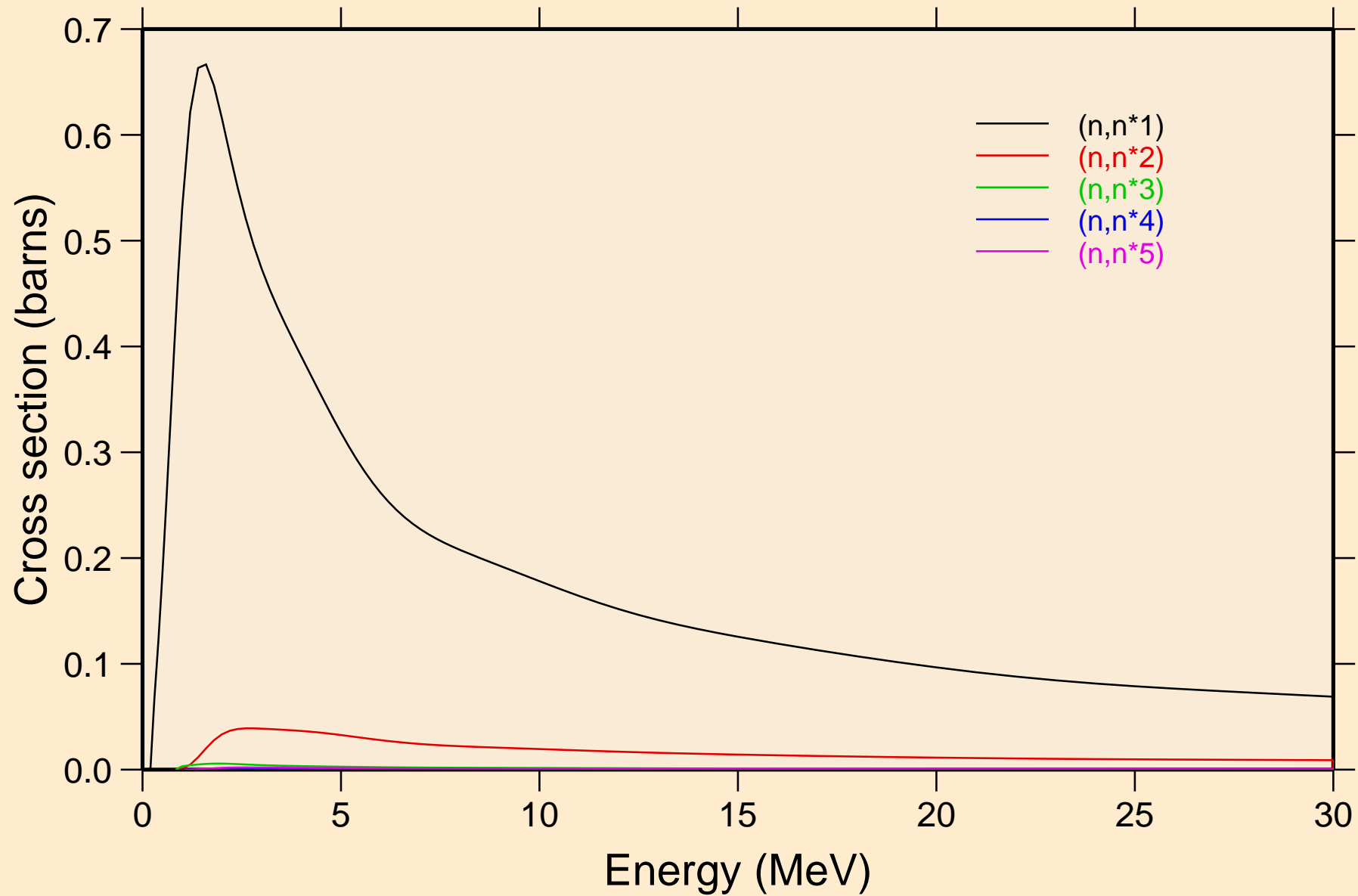


# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

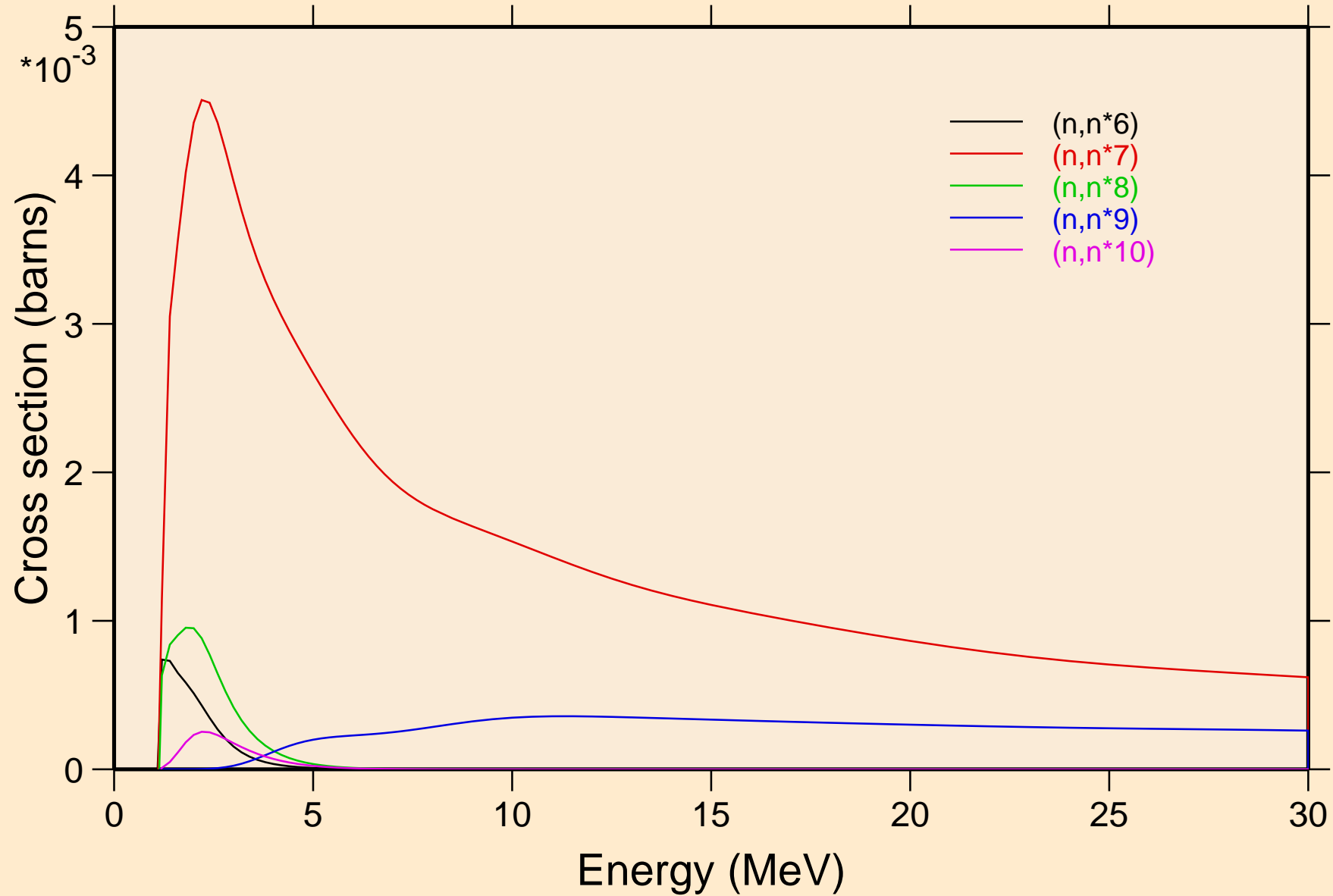
## Non-threshold reactions



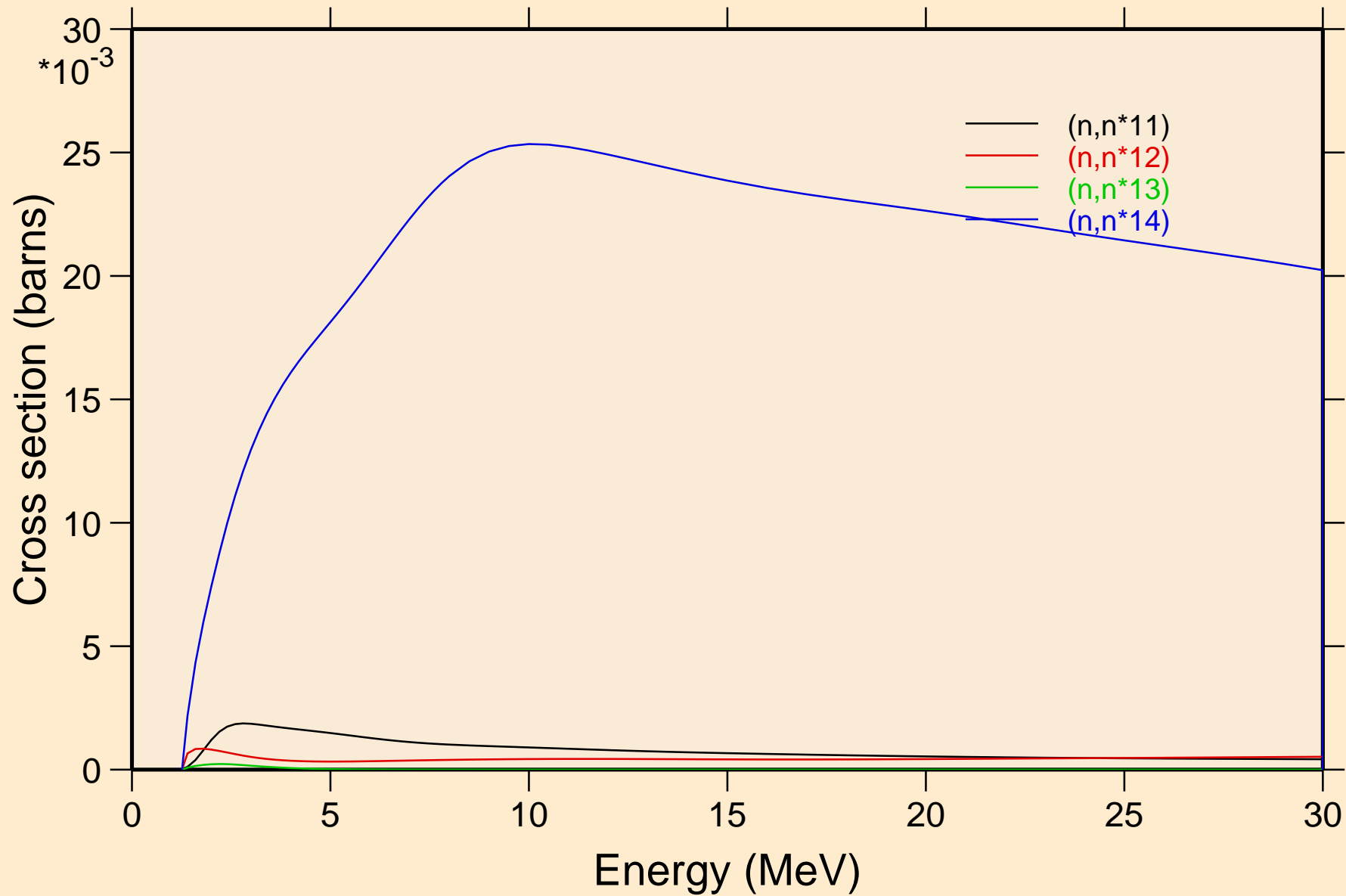
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



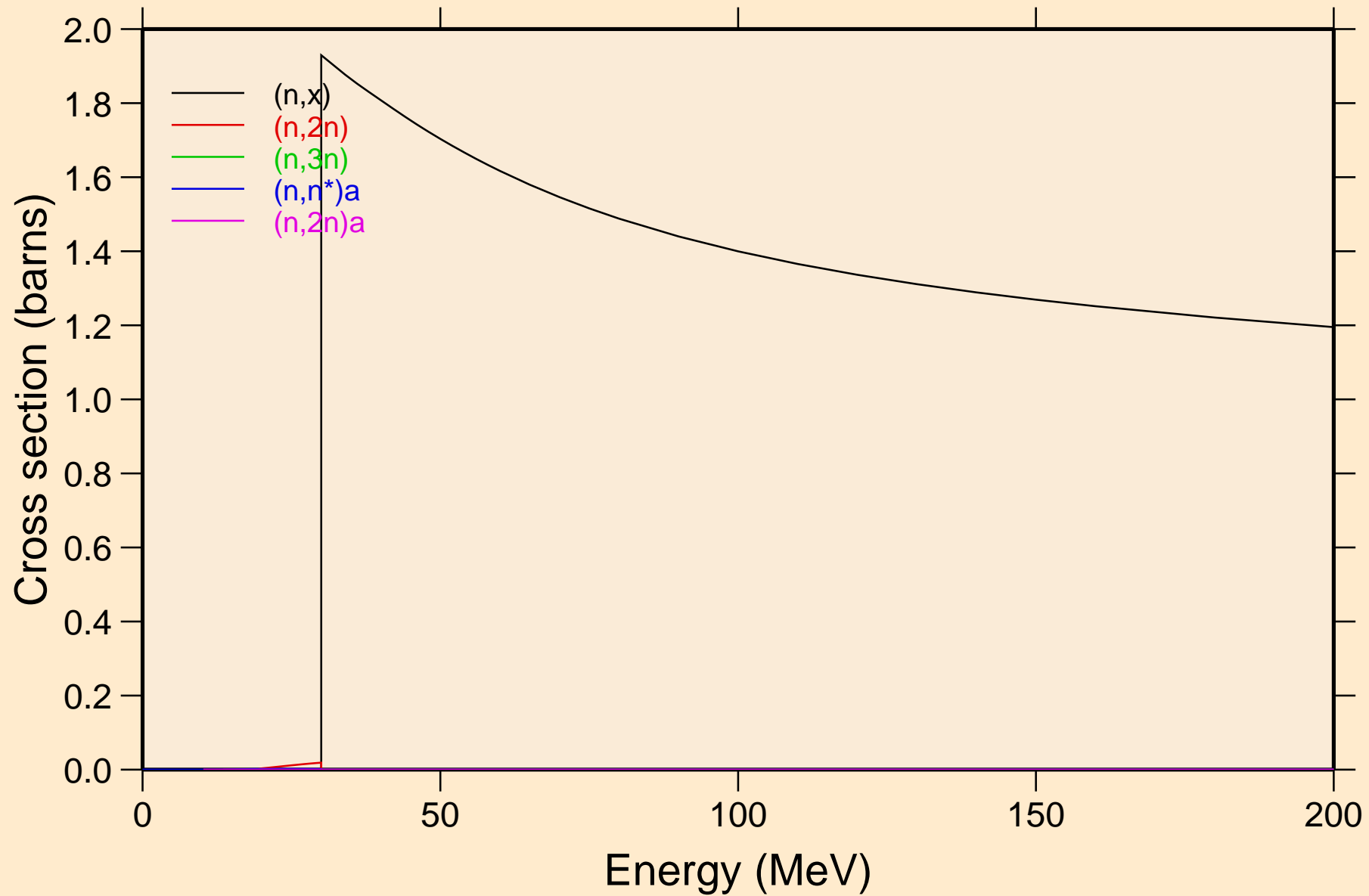
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



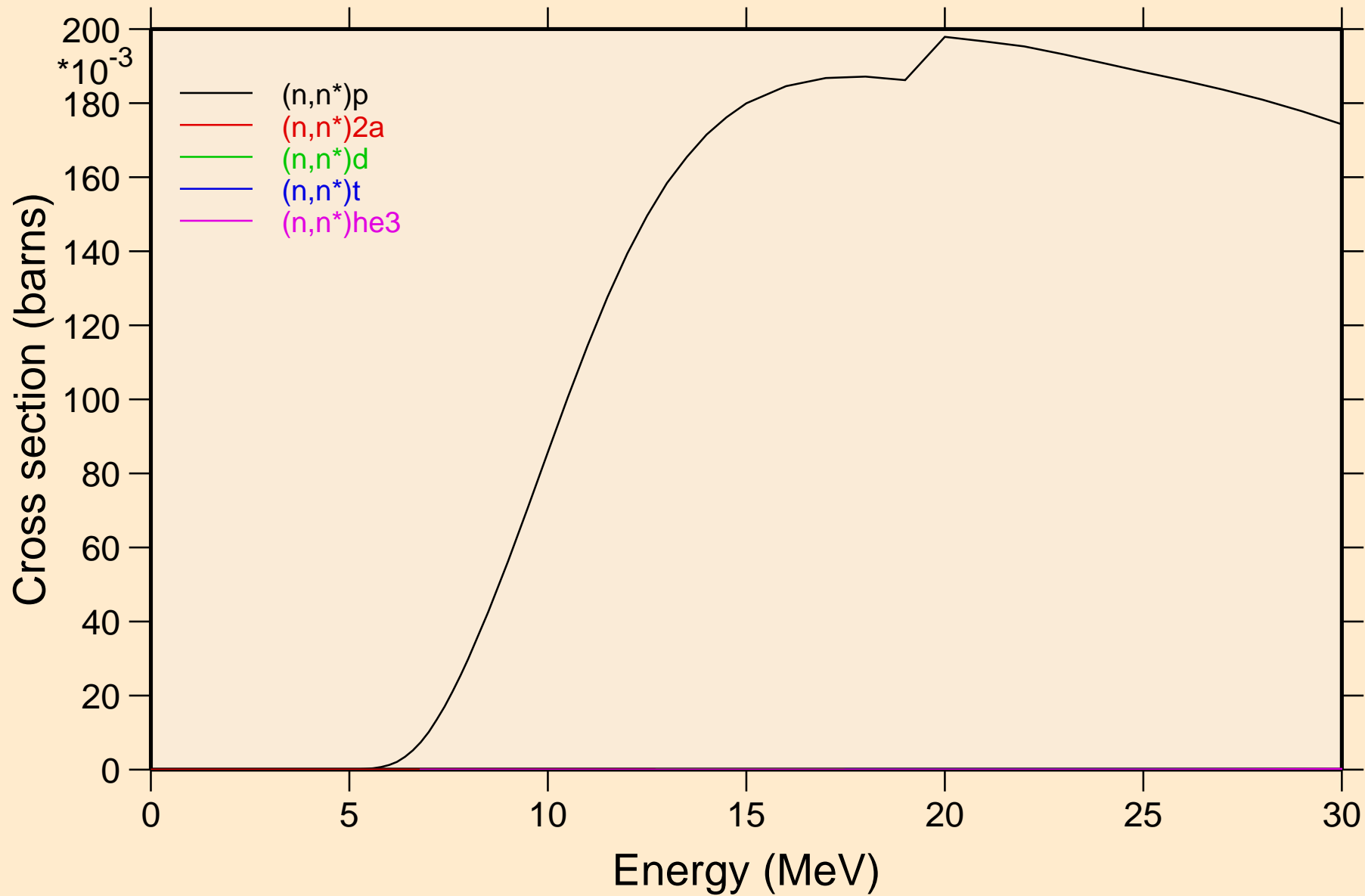
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

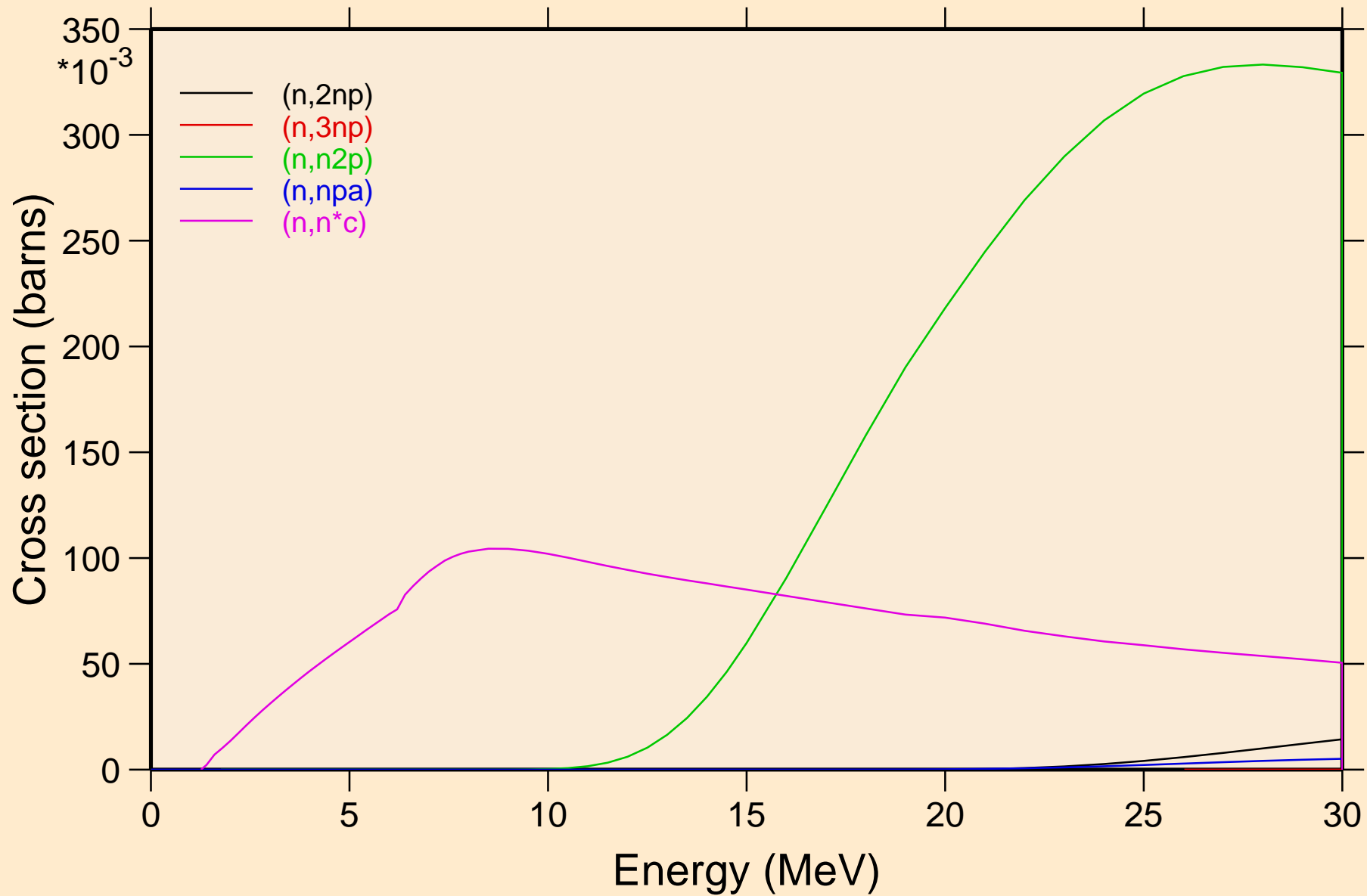


SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

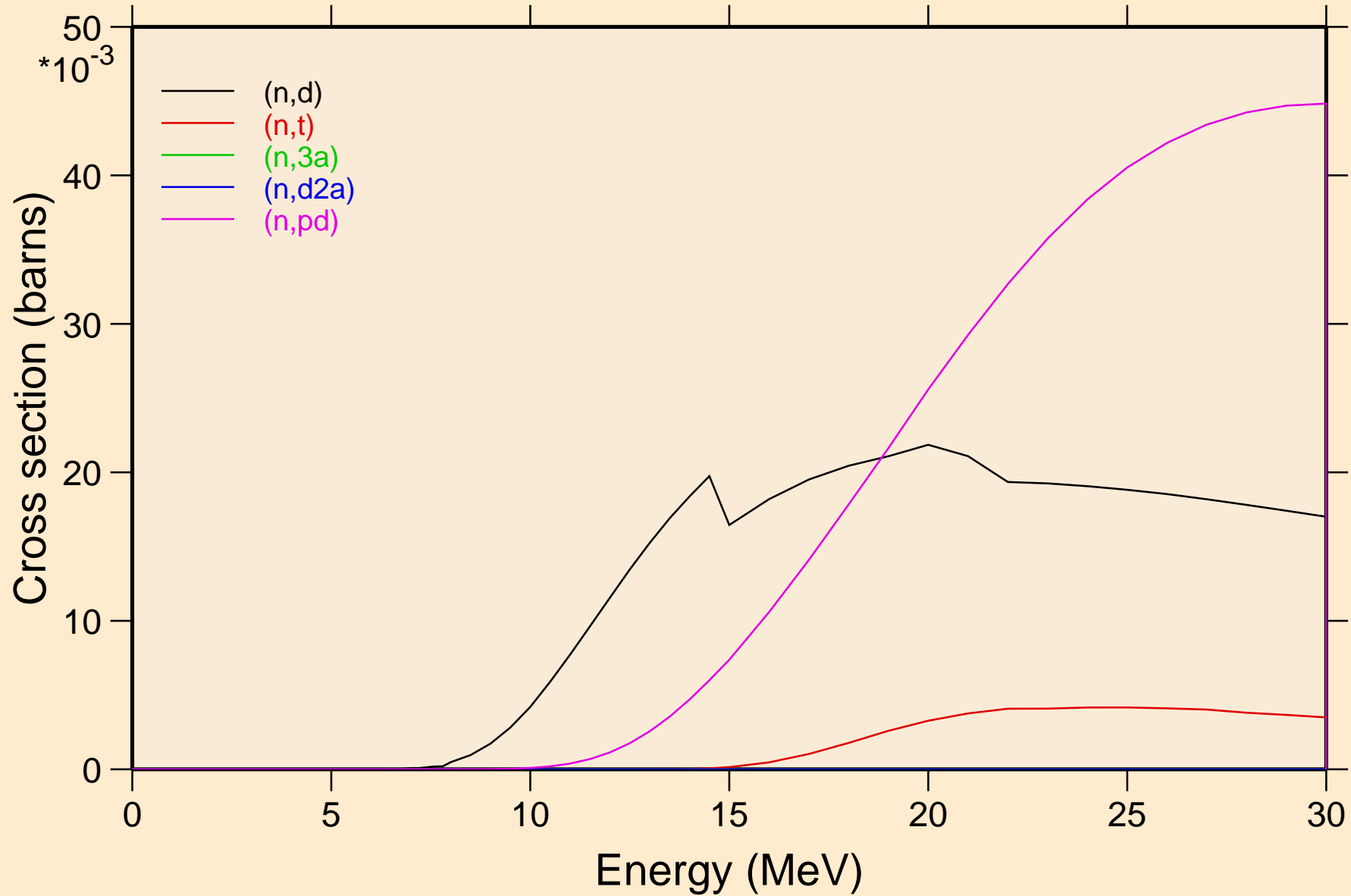


# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

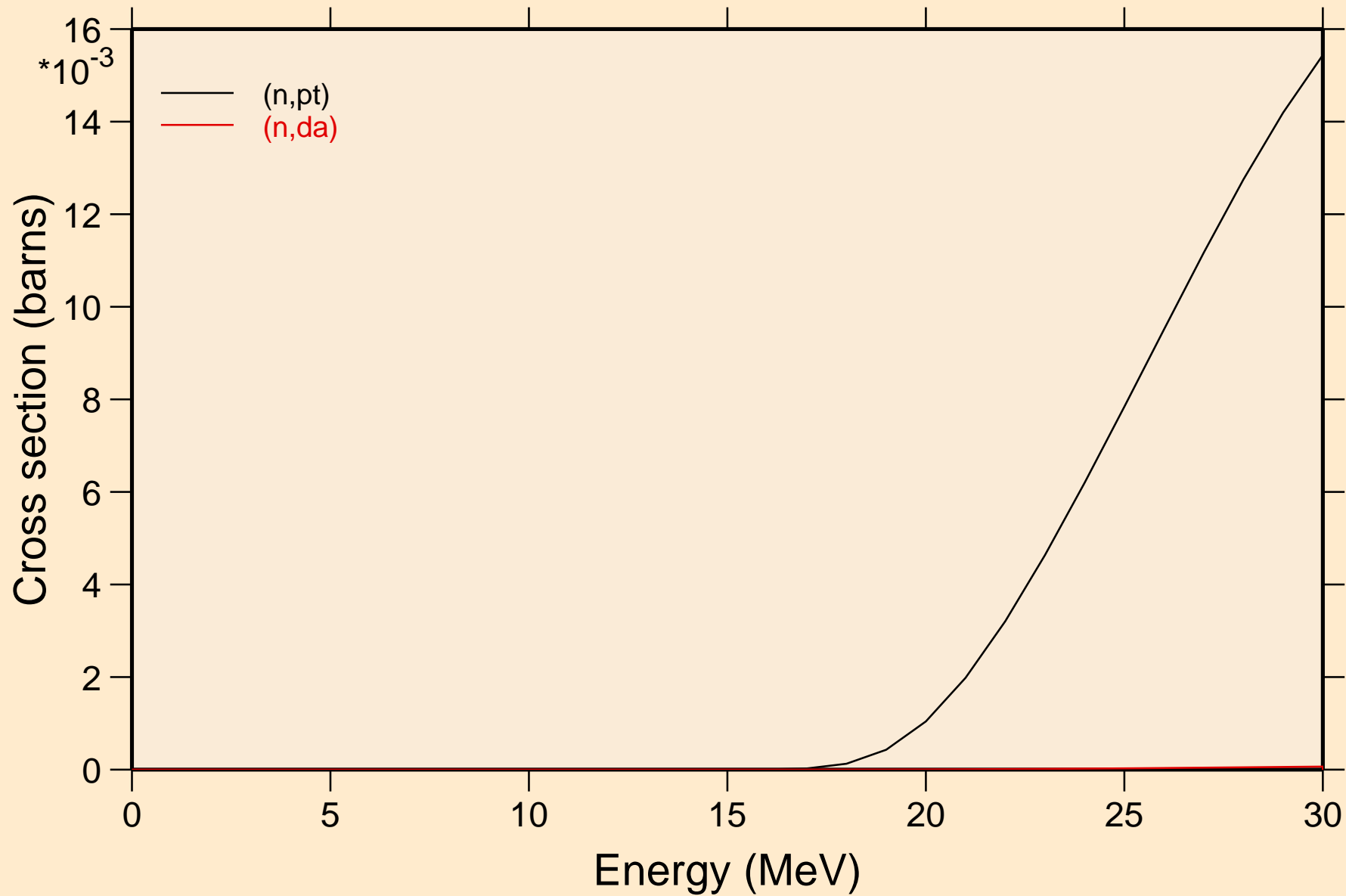
## Threshold reactions



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

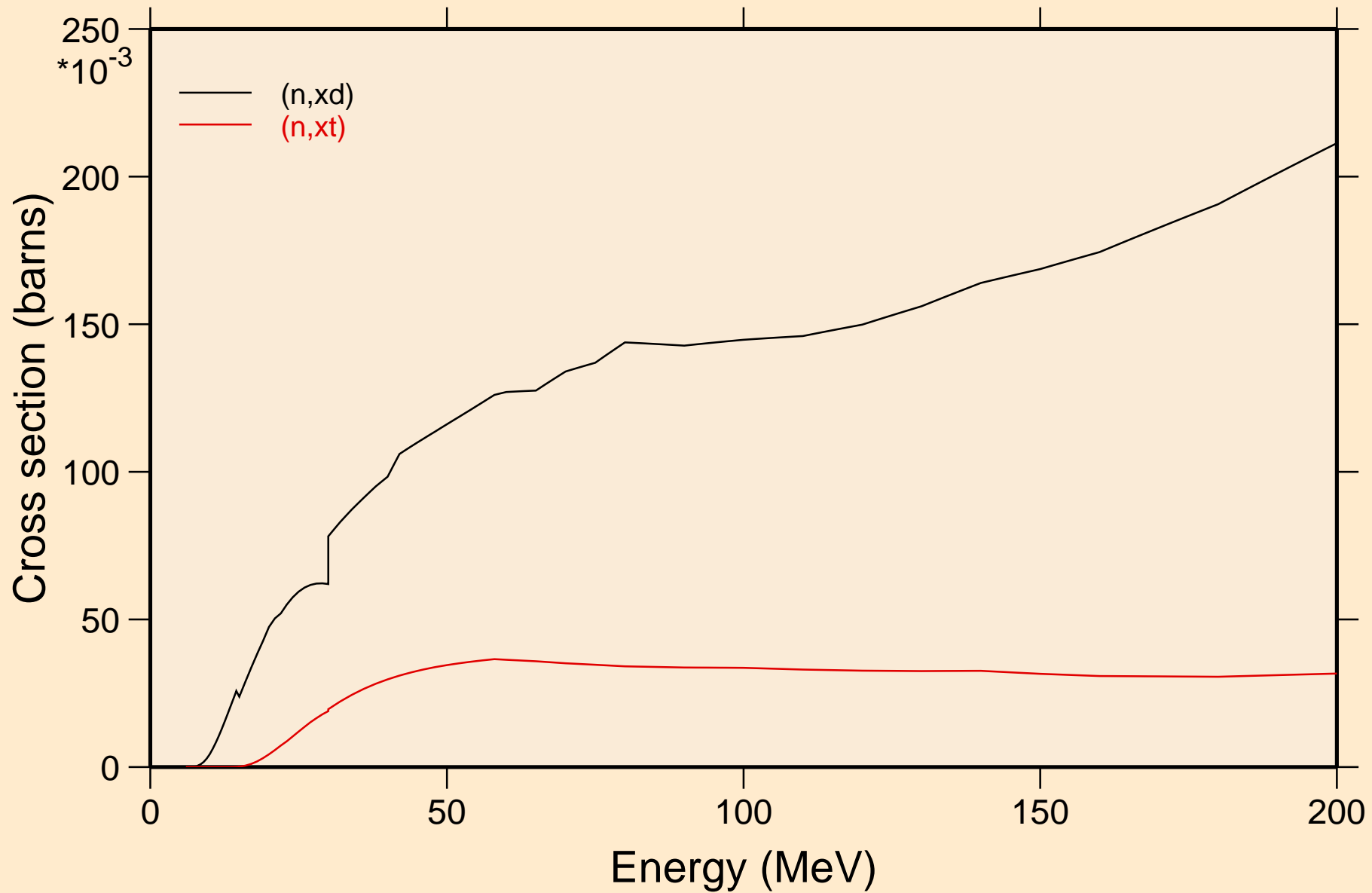


SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

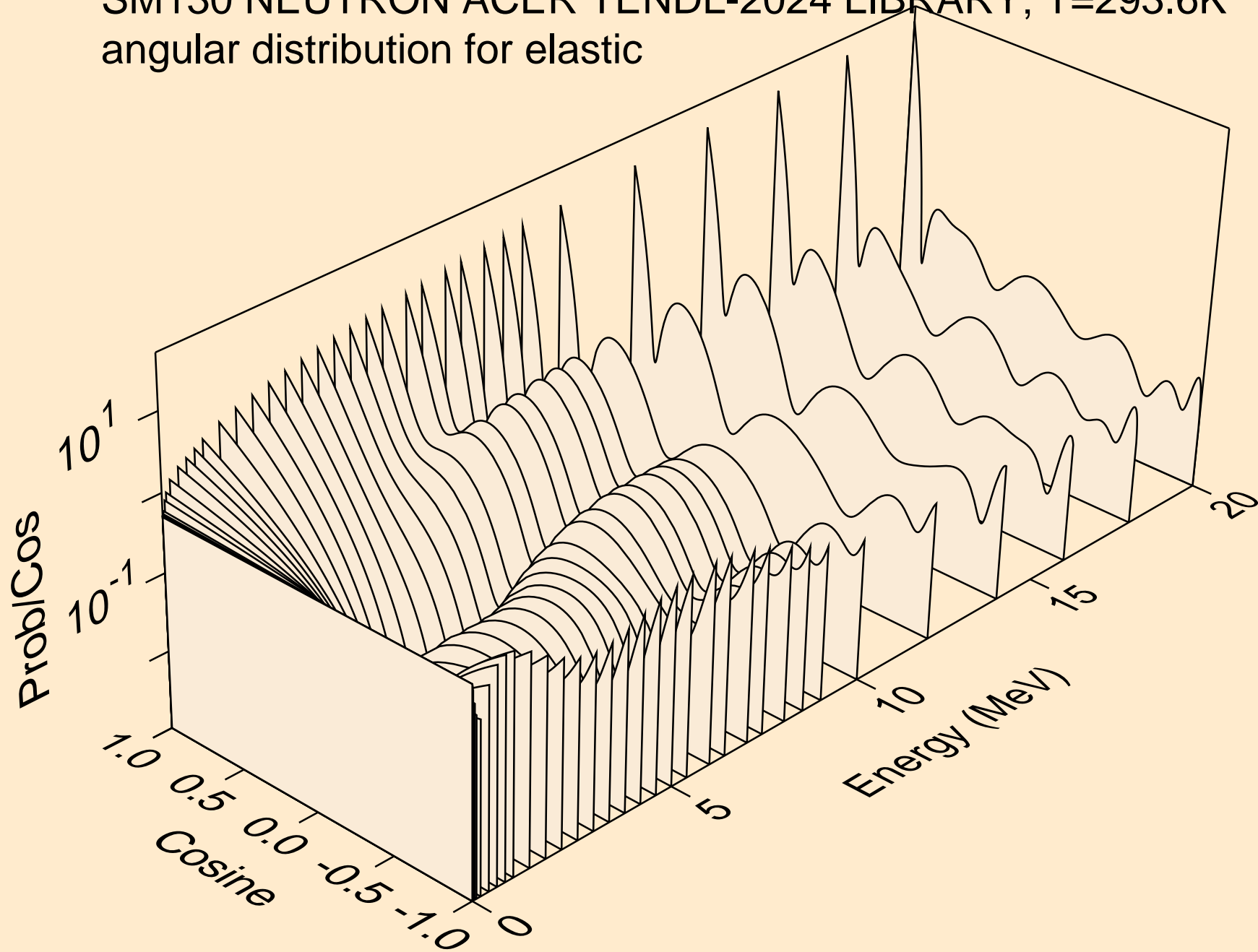


# SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

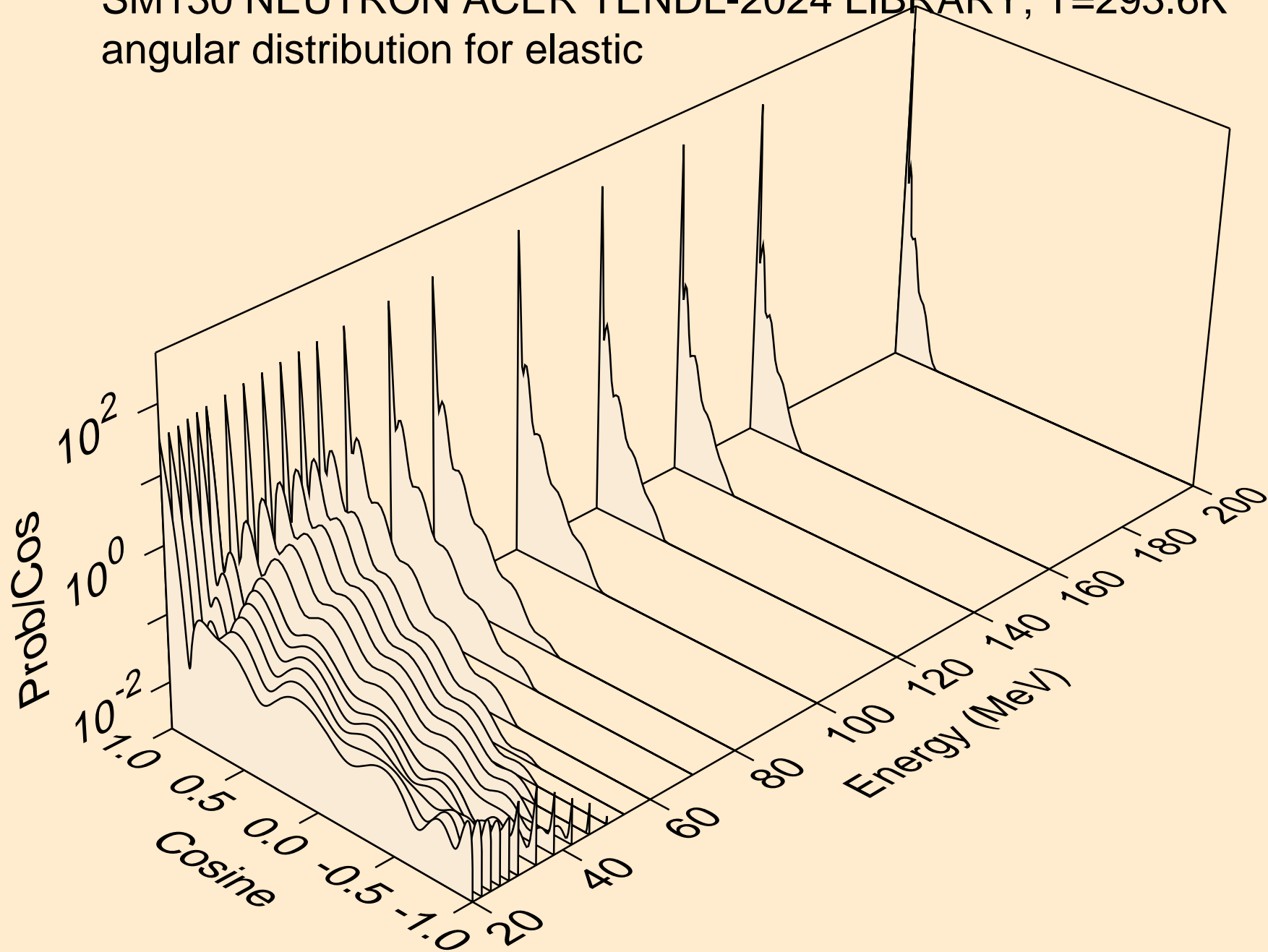
## Threshold reactions



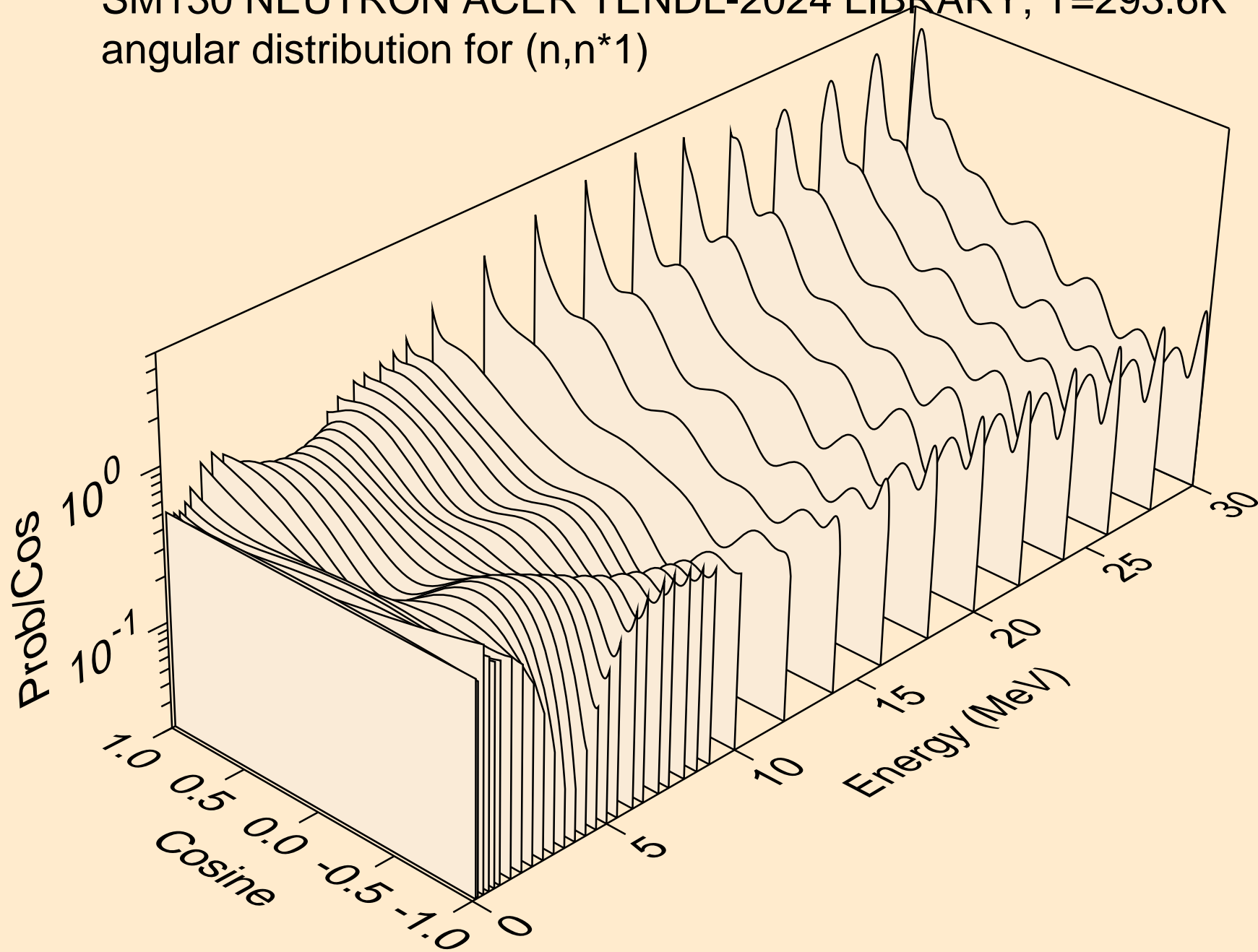
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



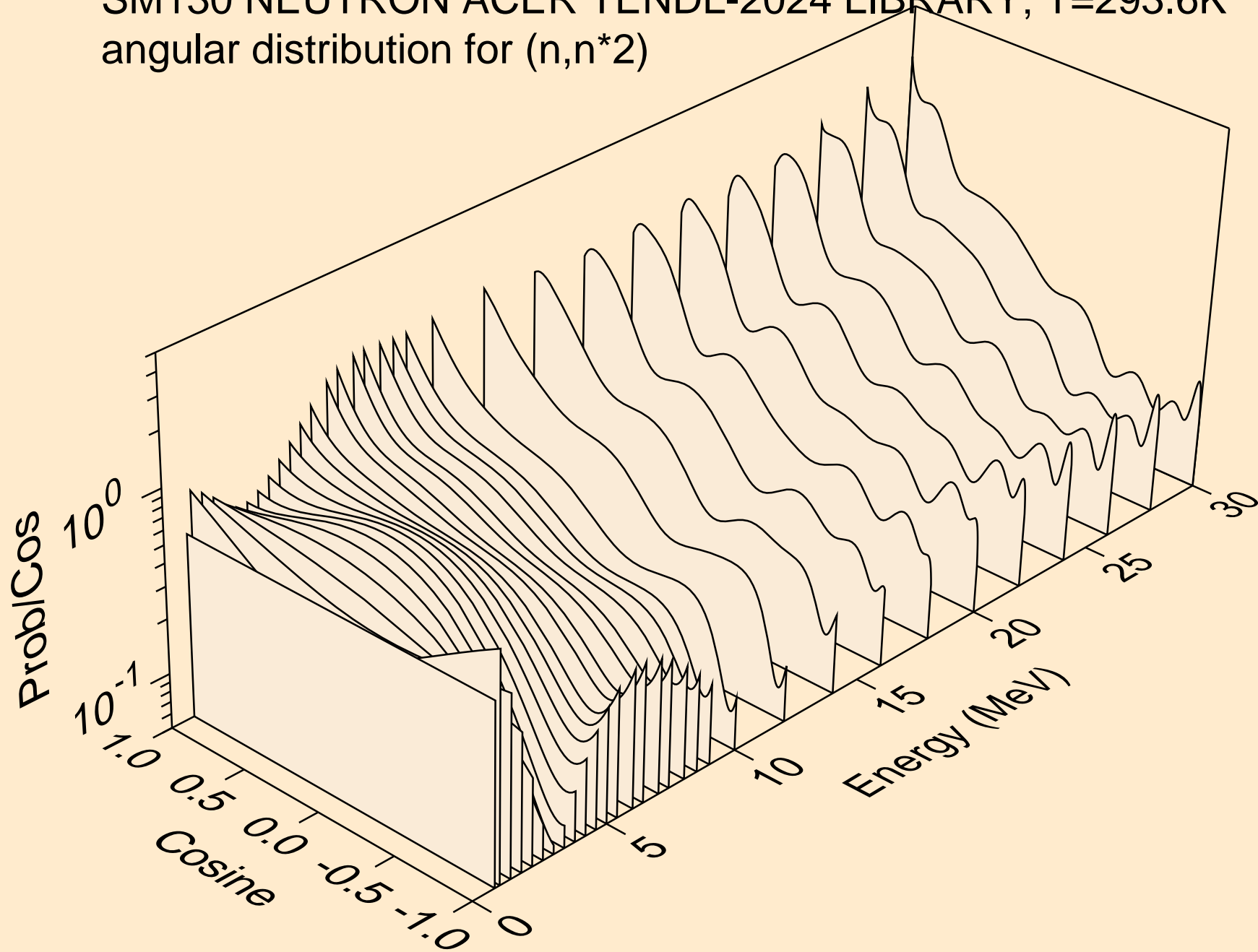
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



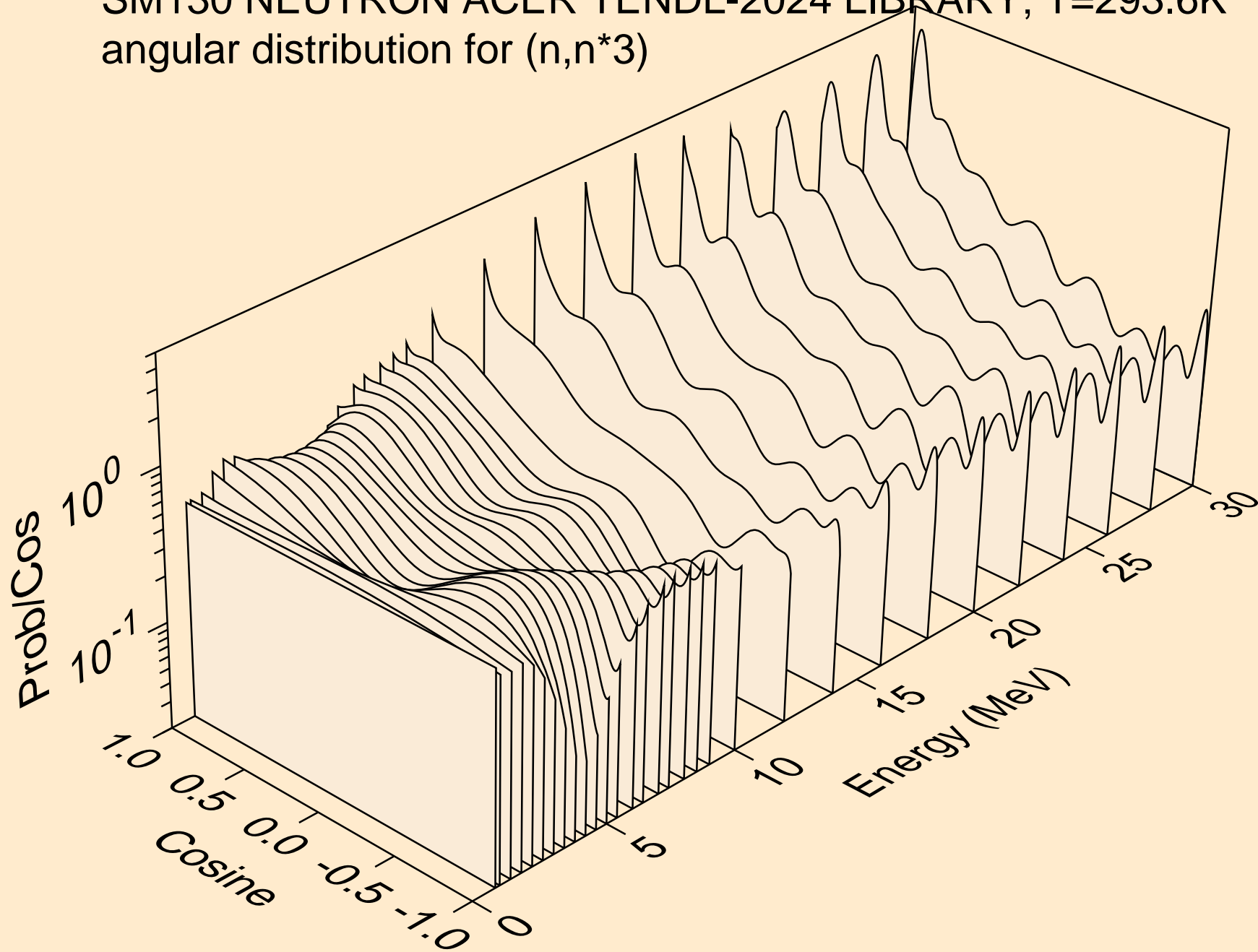
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



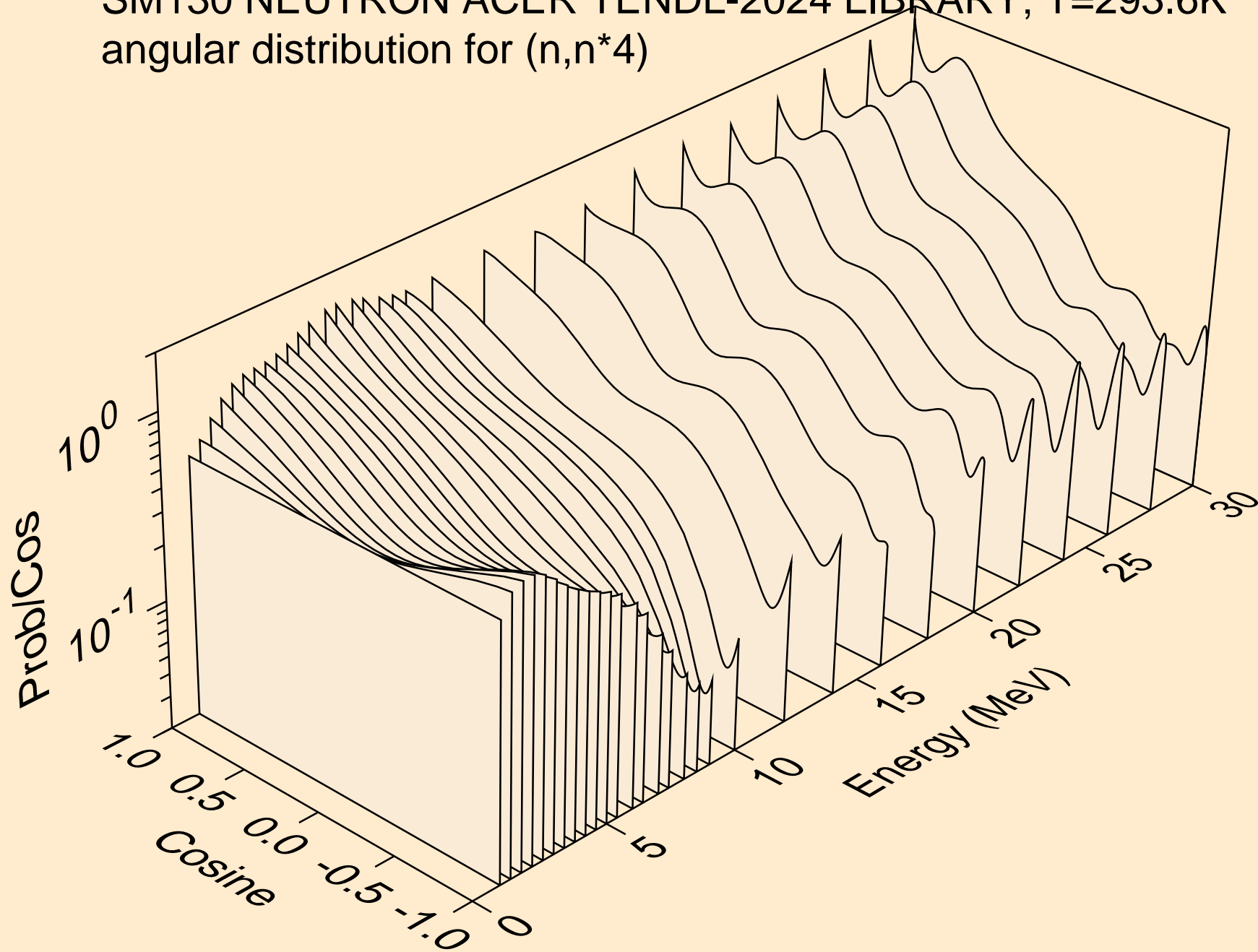
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



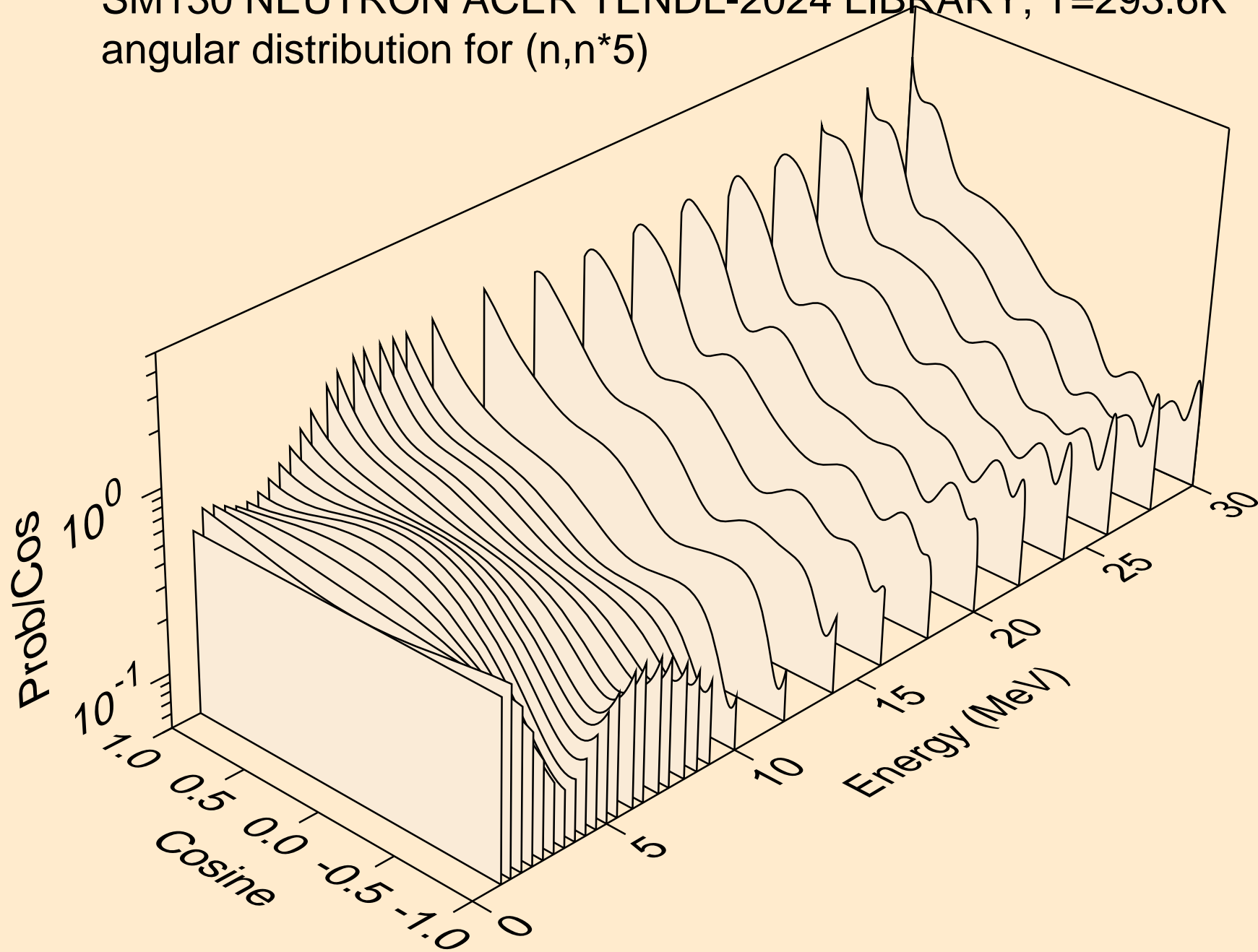
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



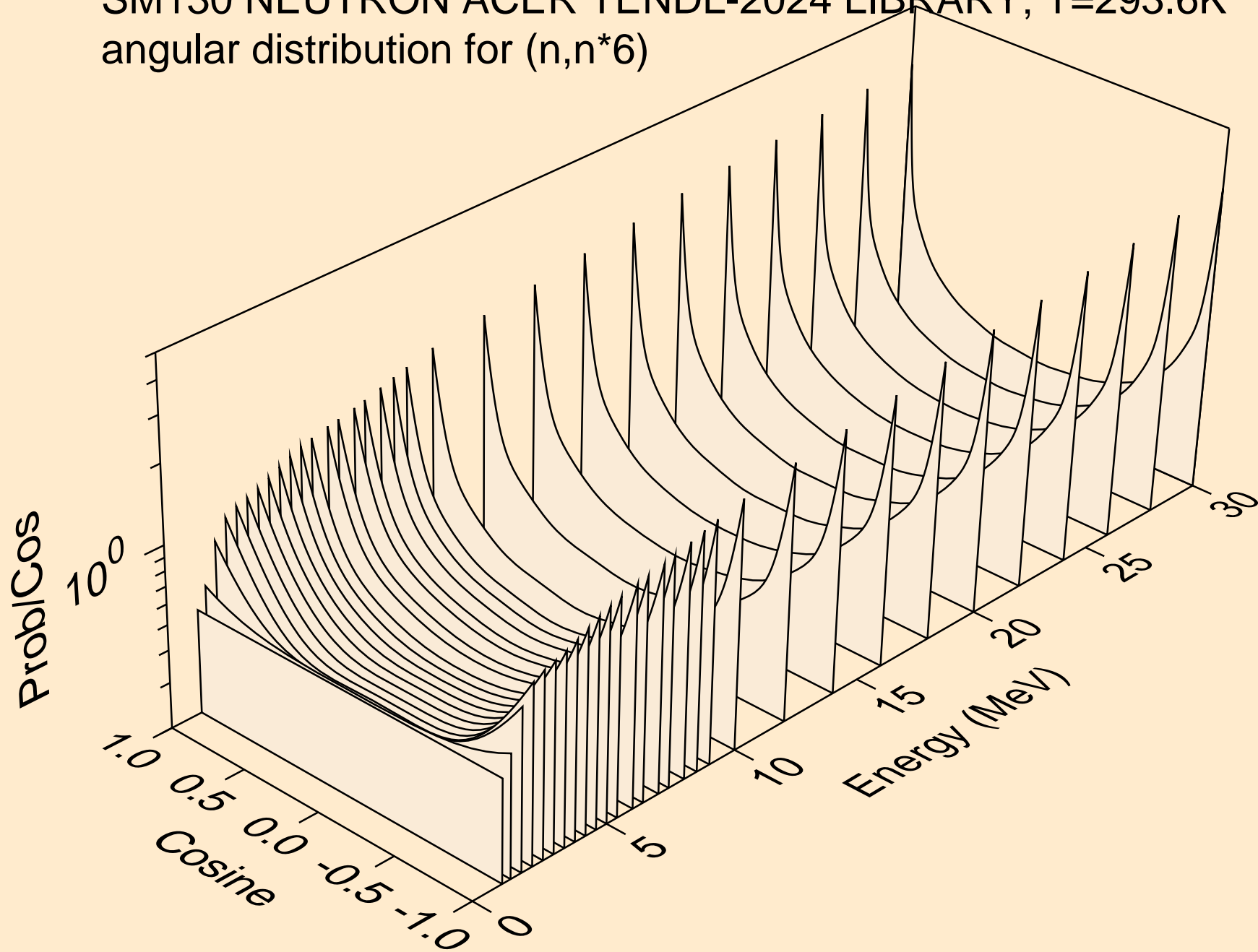
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



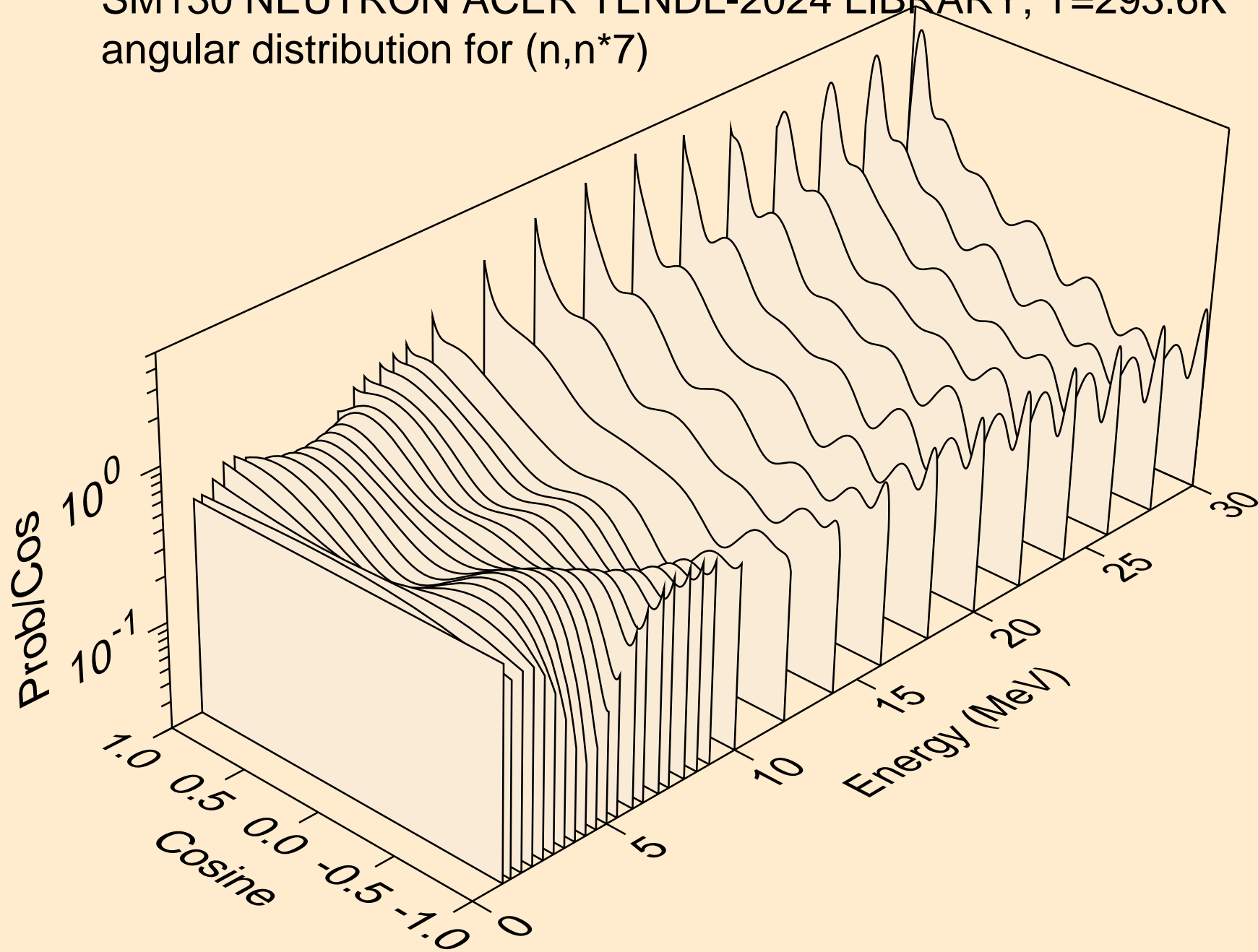
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



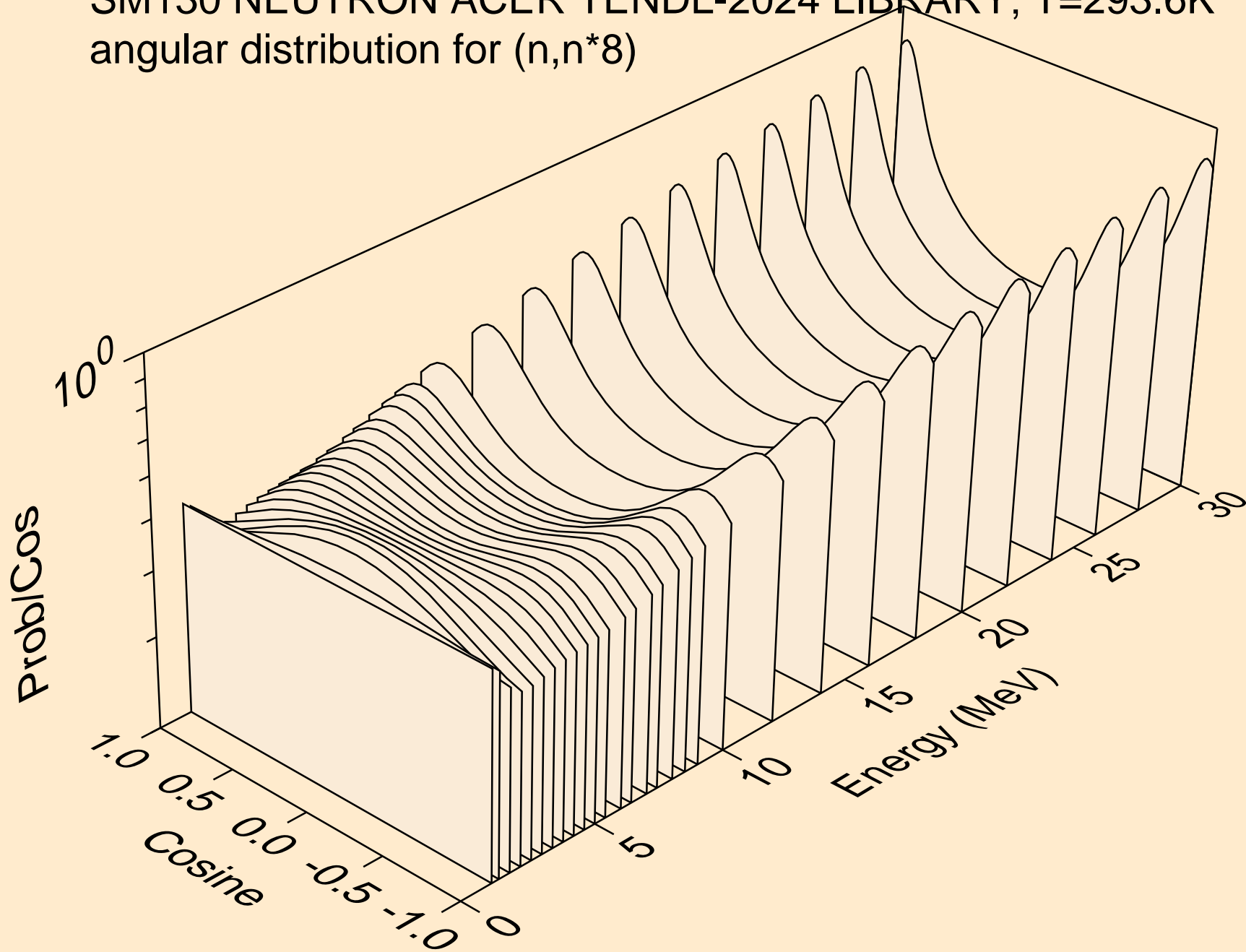
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



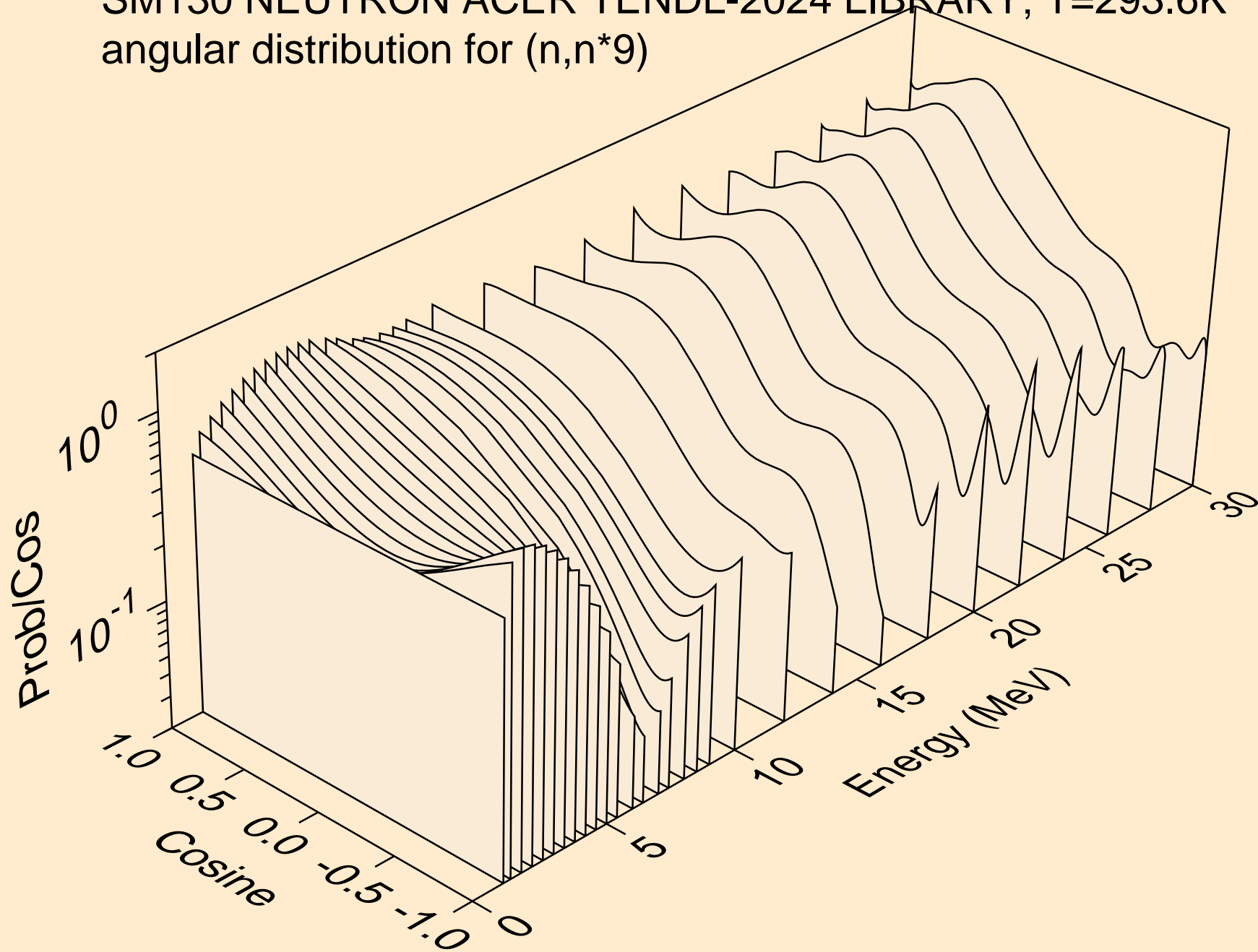
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



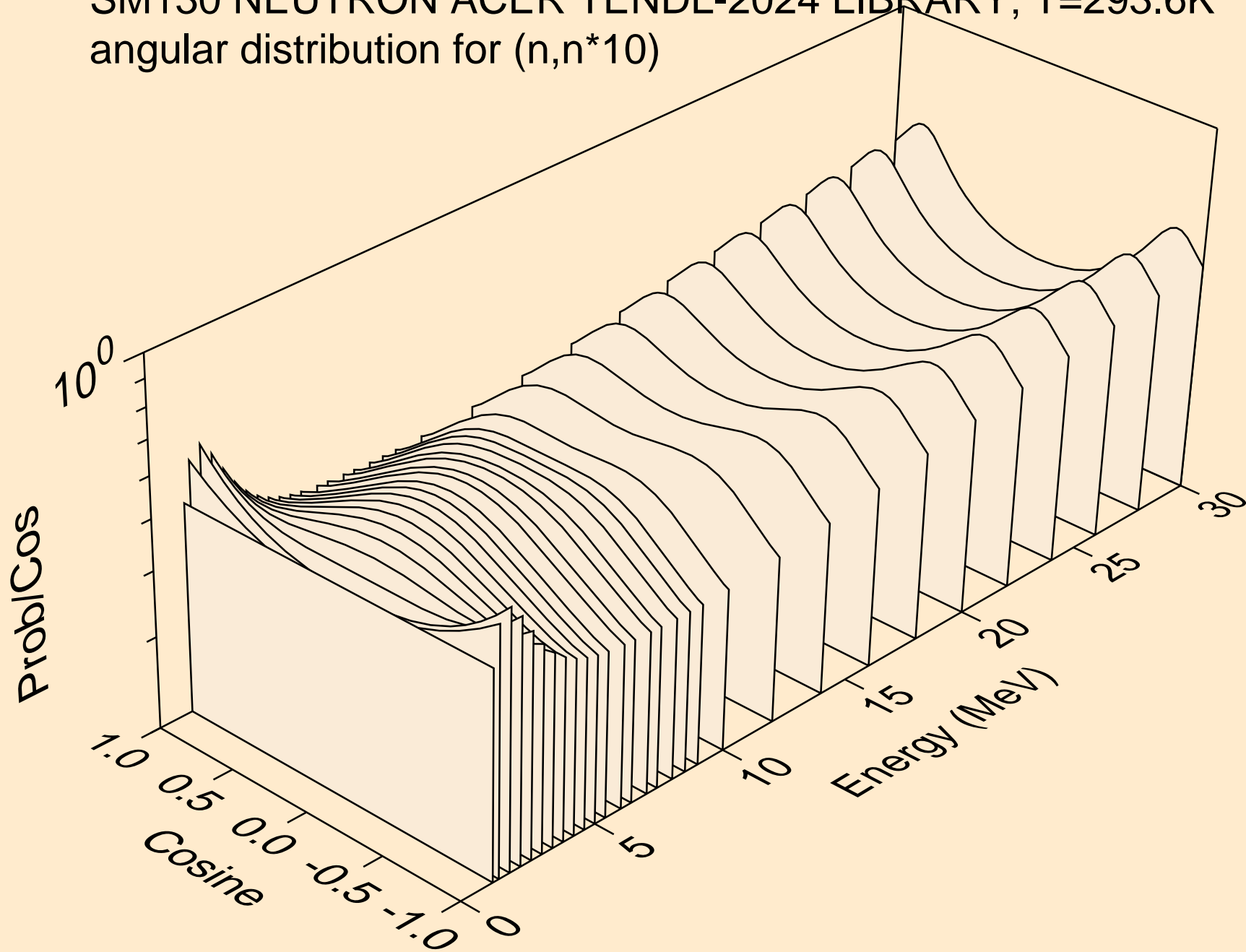
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



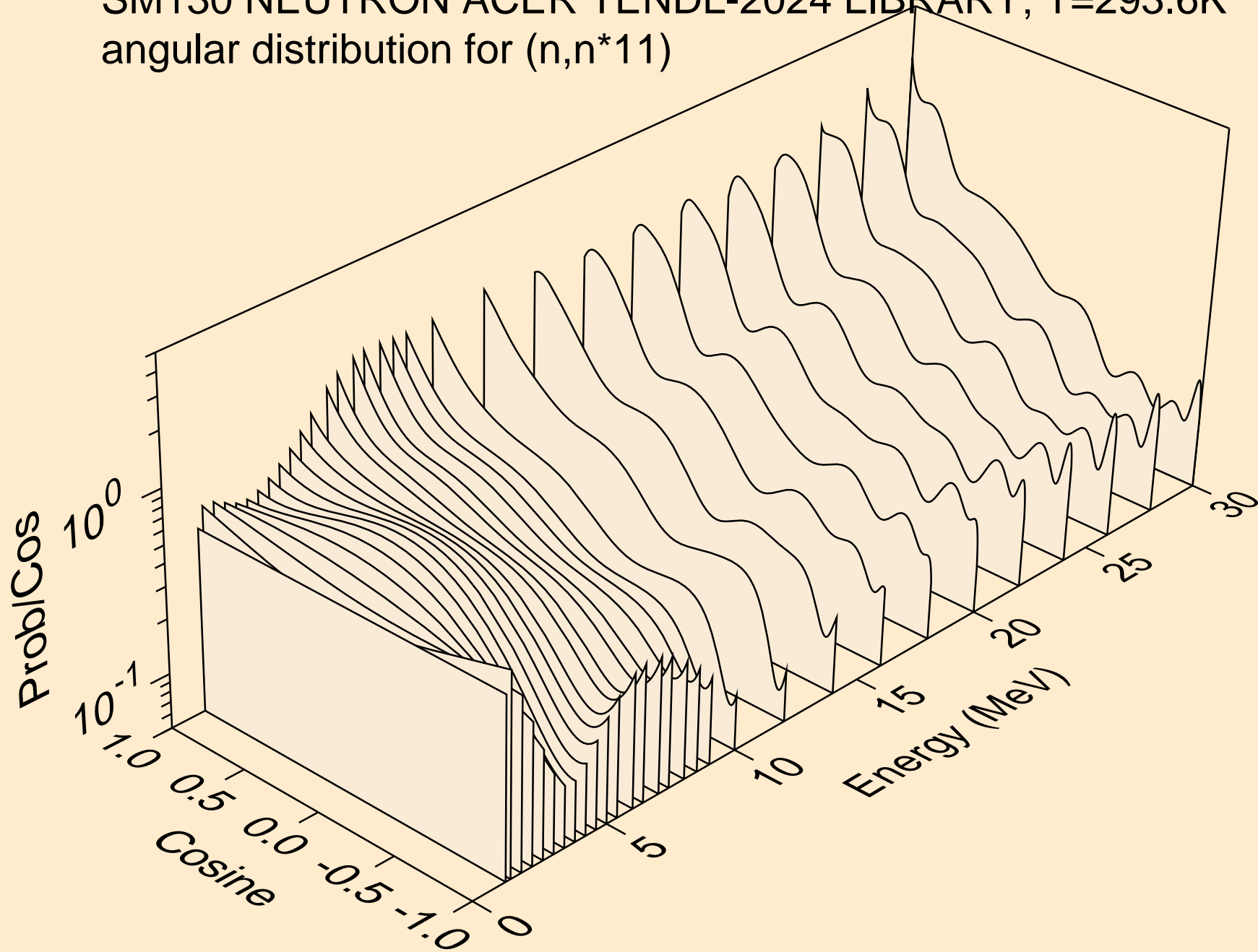
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



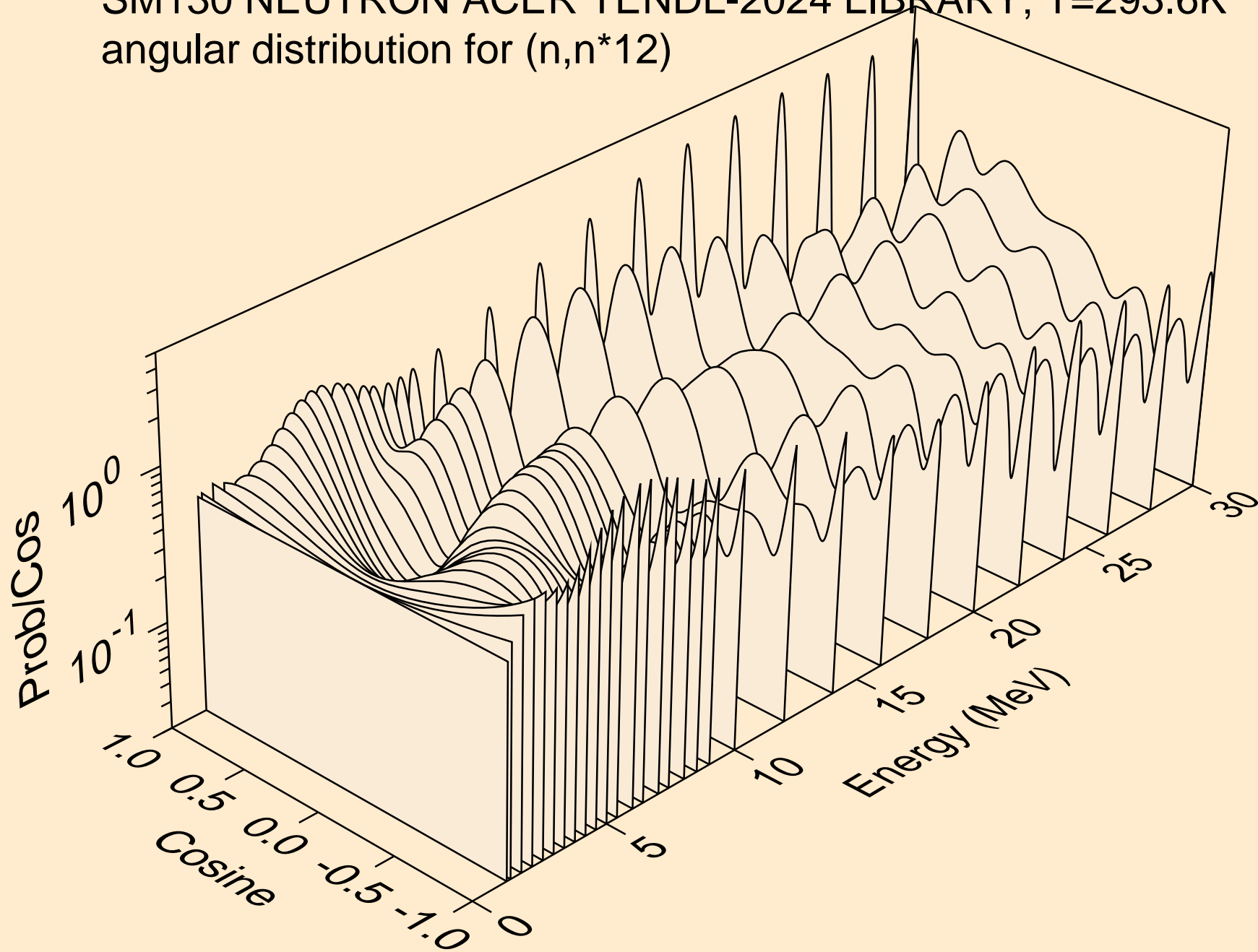
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



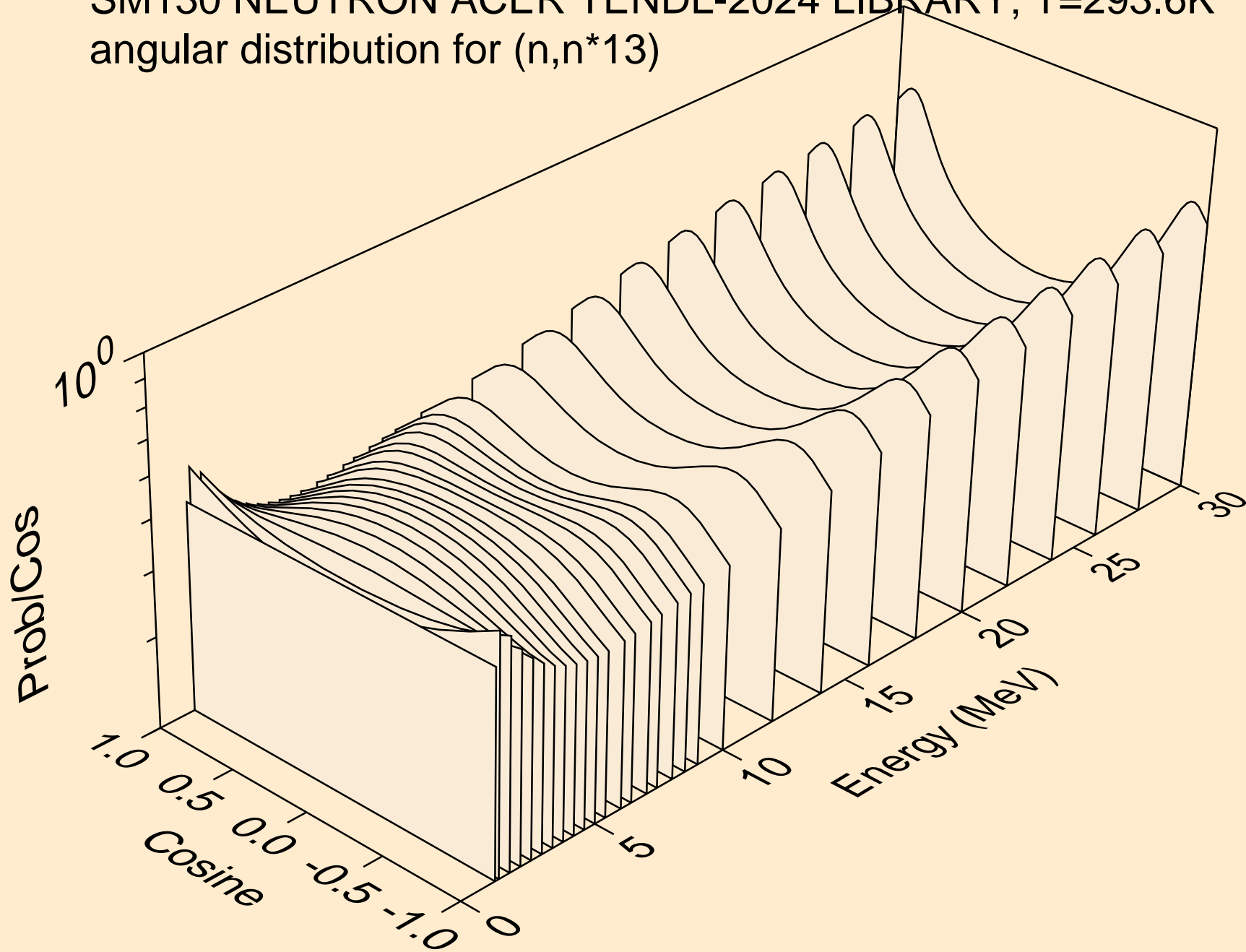
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



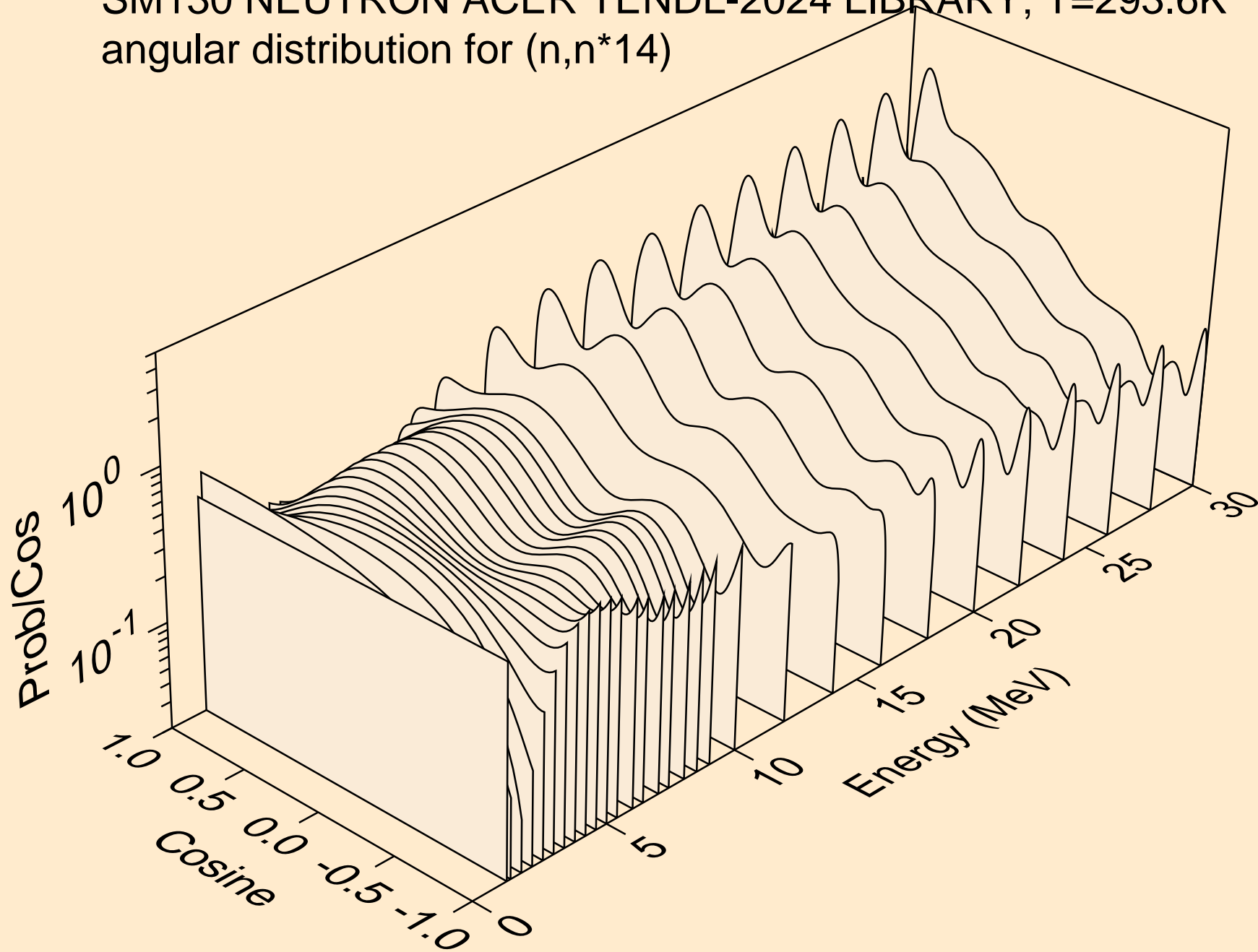
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



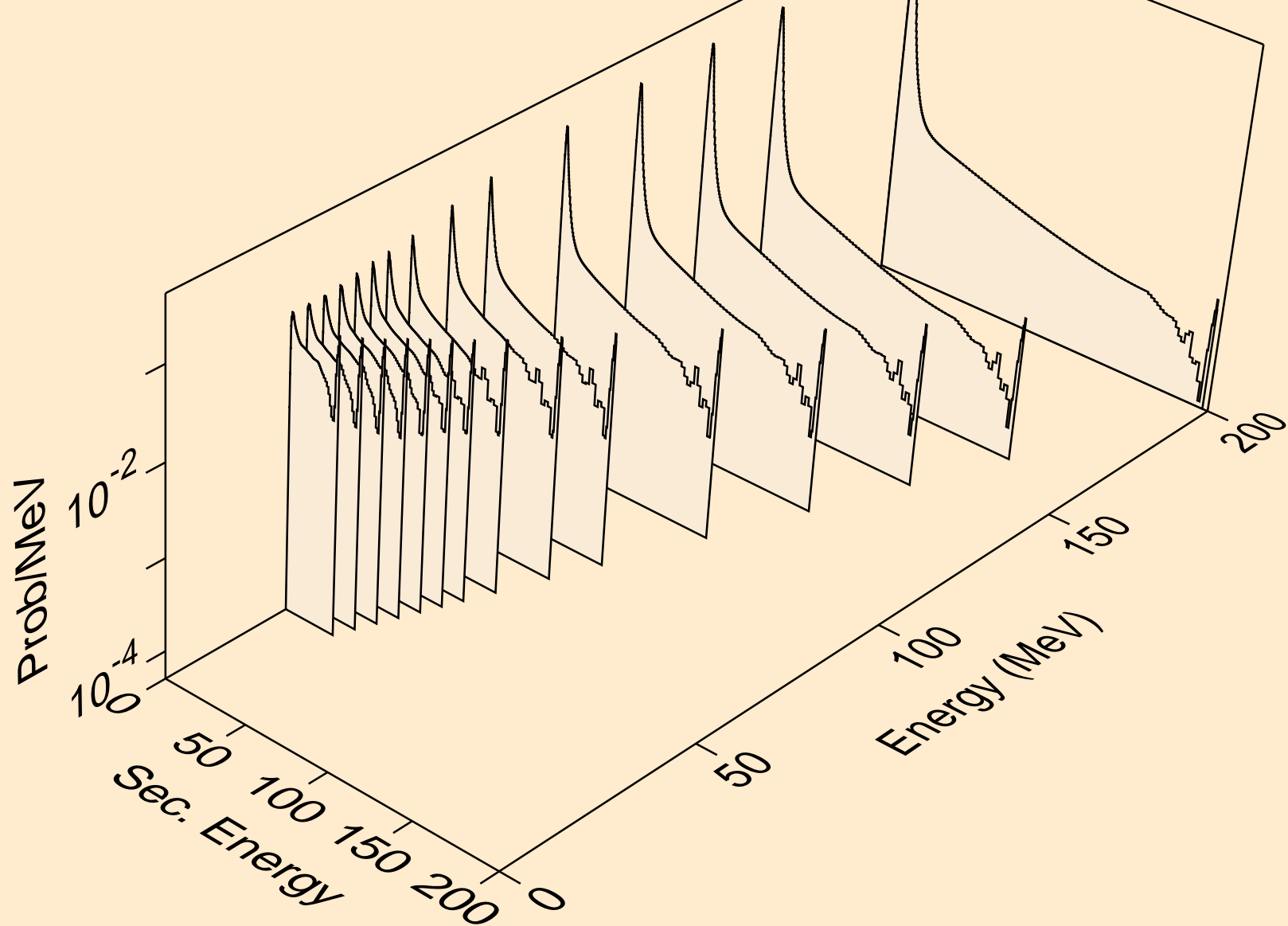
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



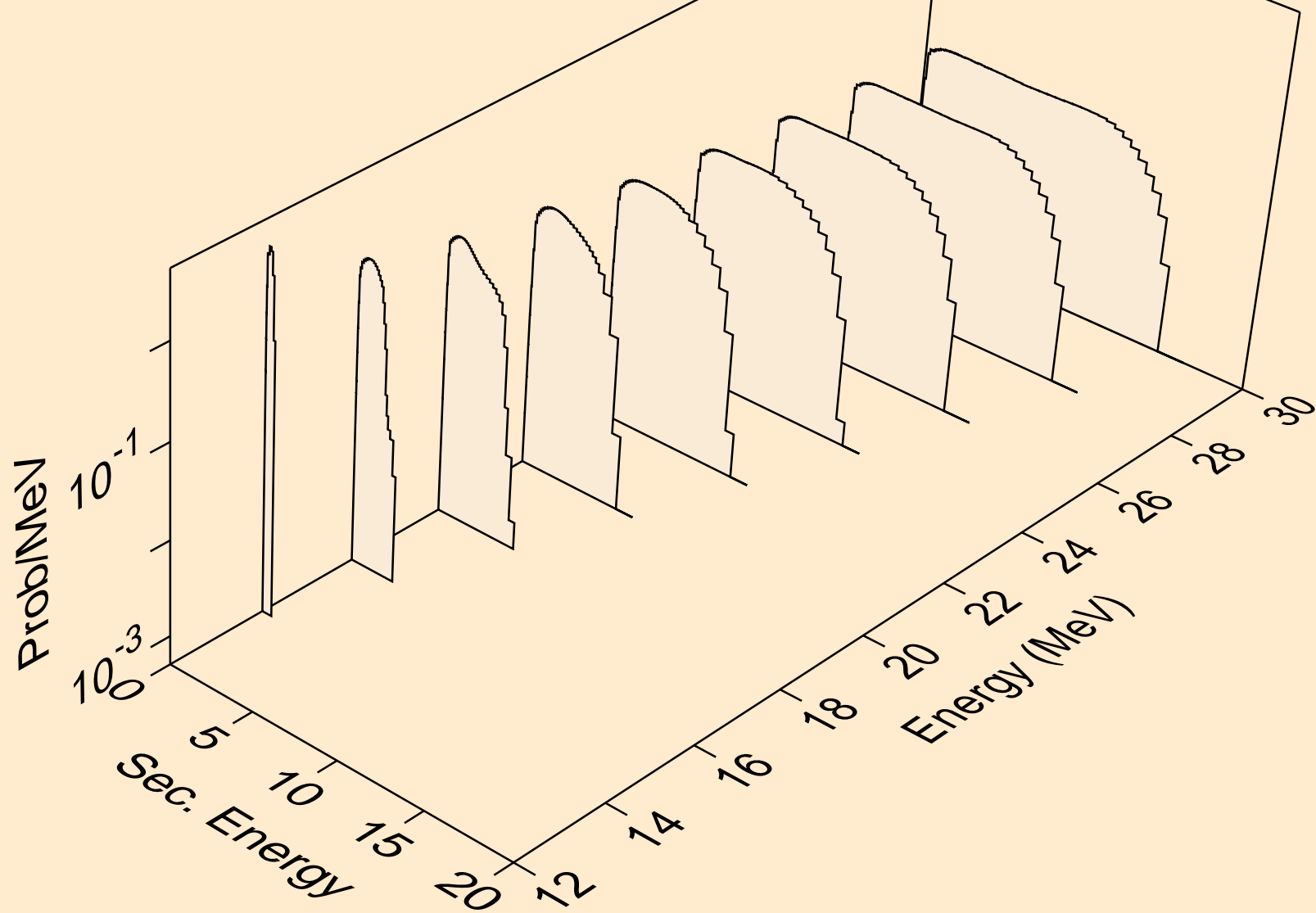
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



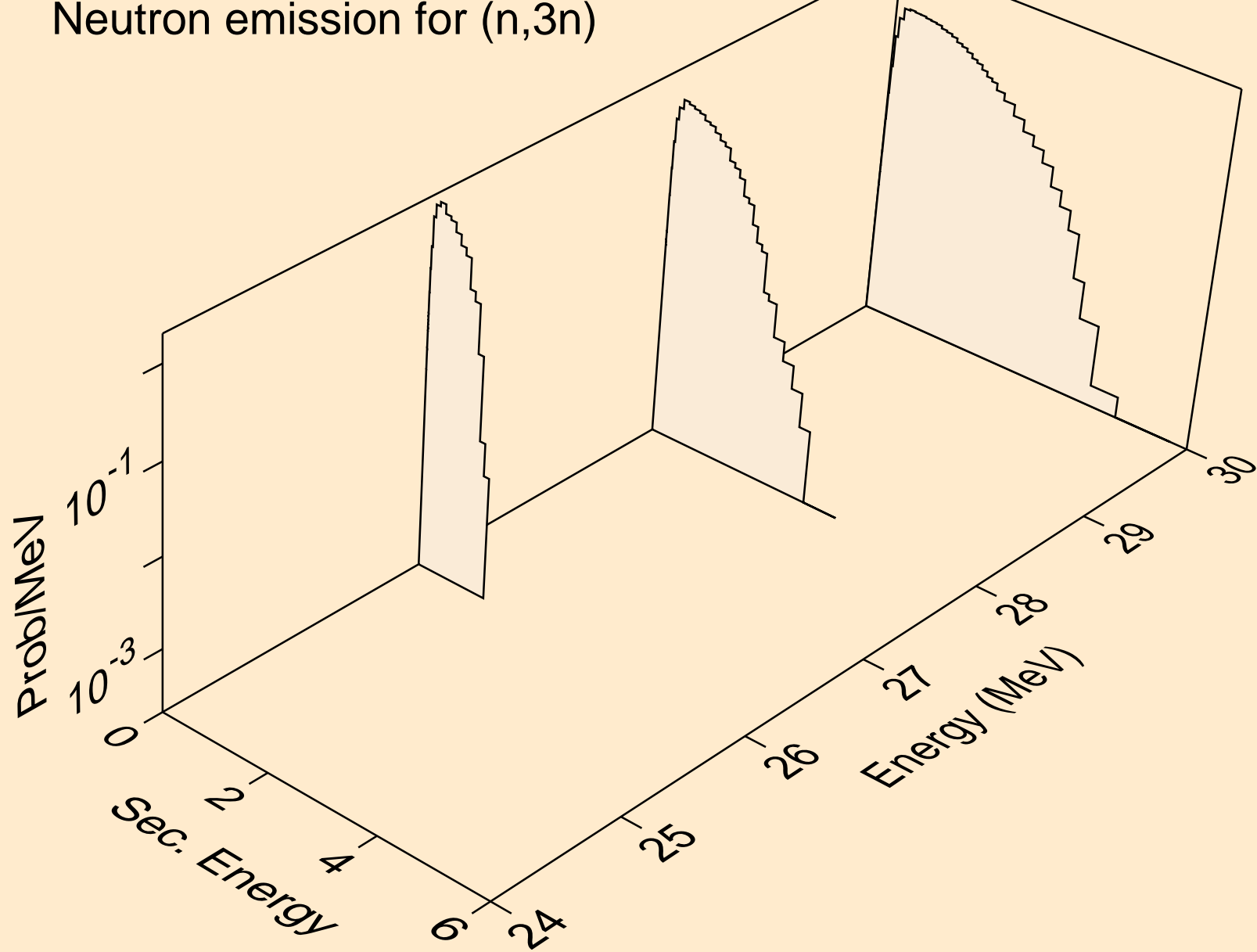
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



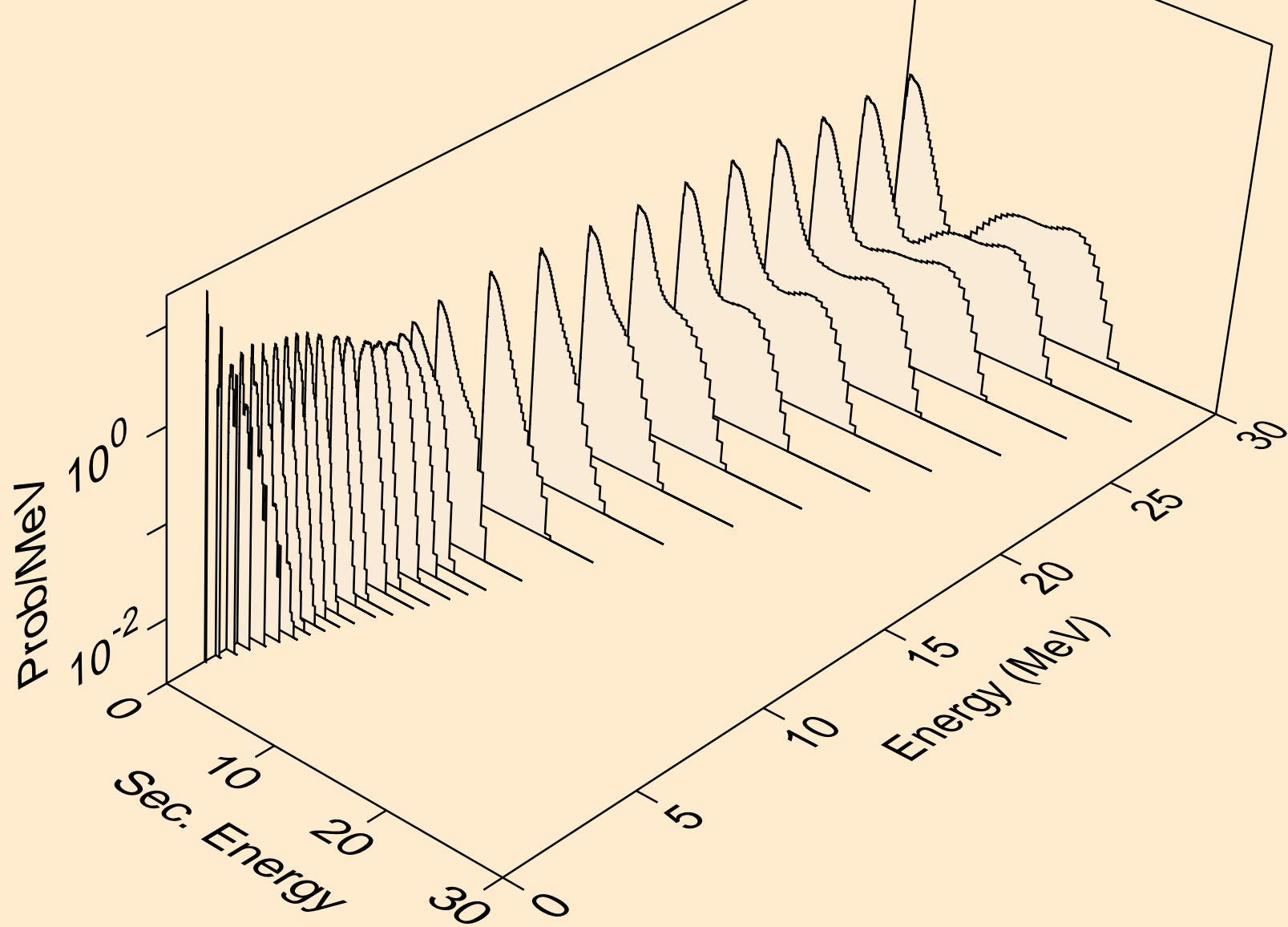
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



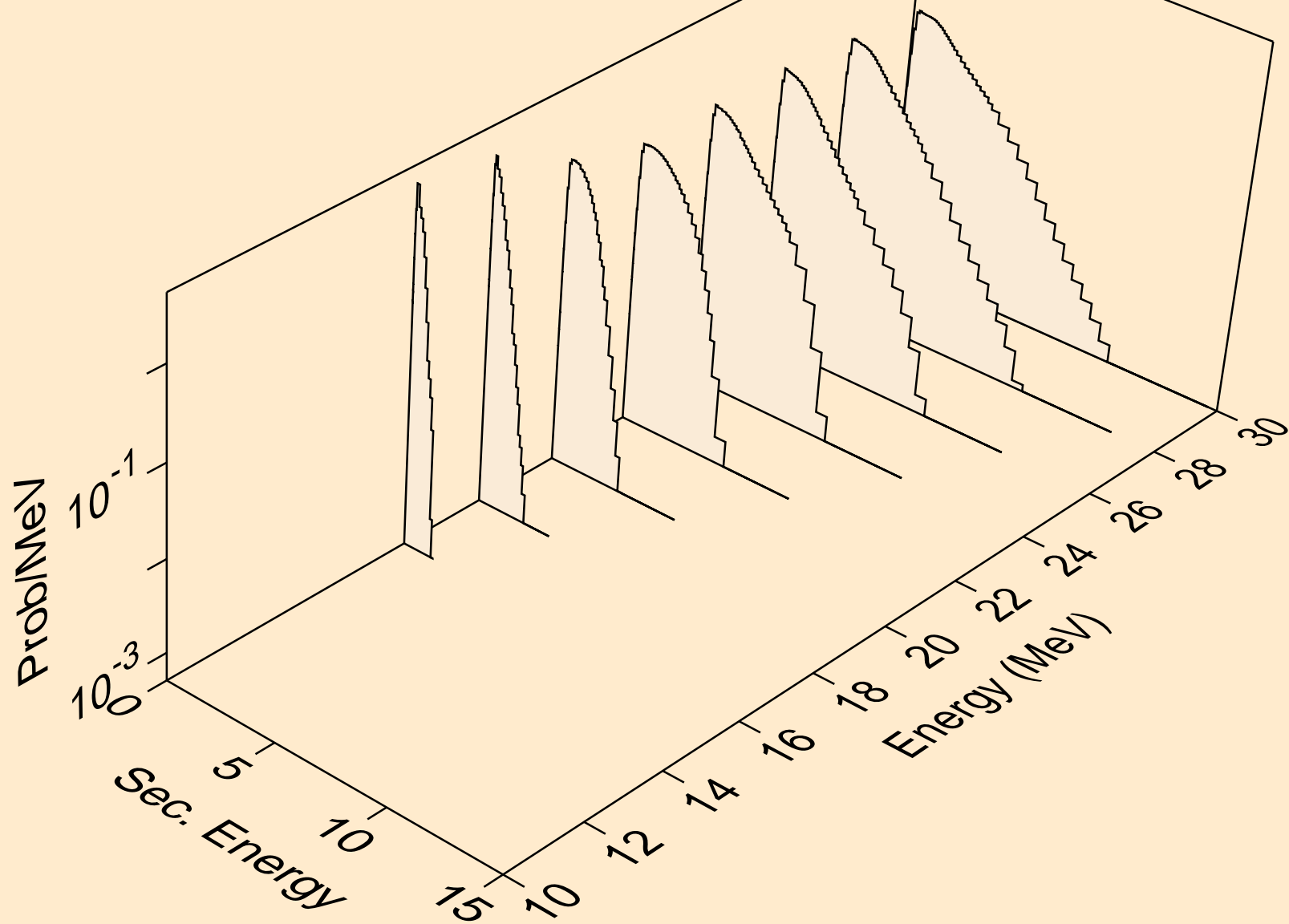
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



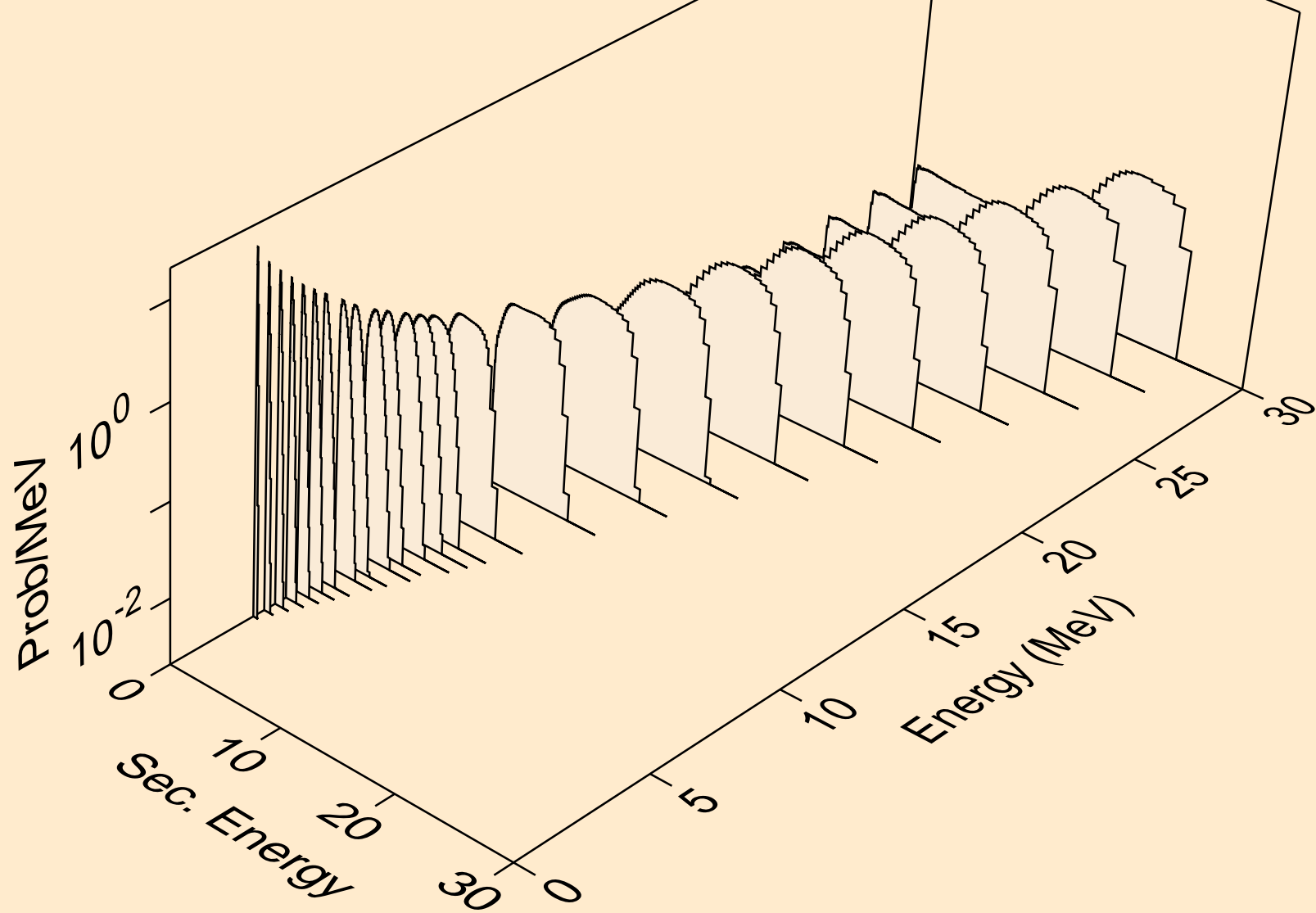
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



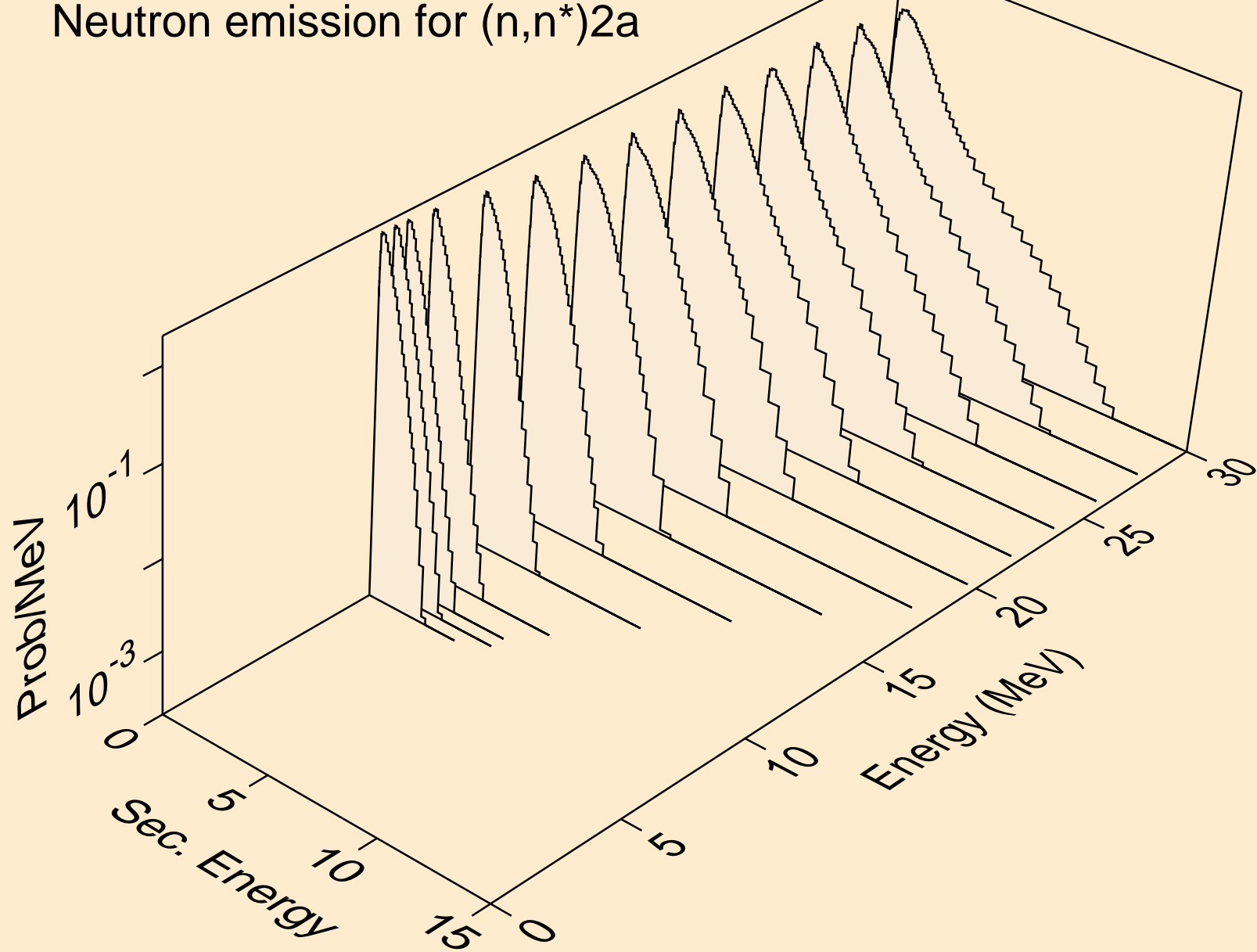
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



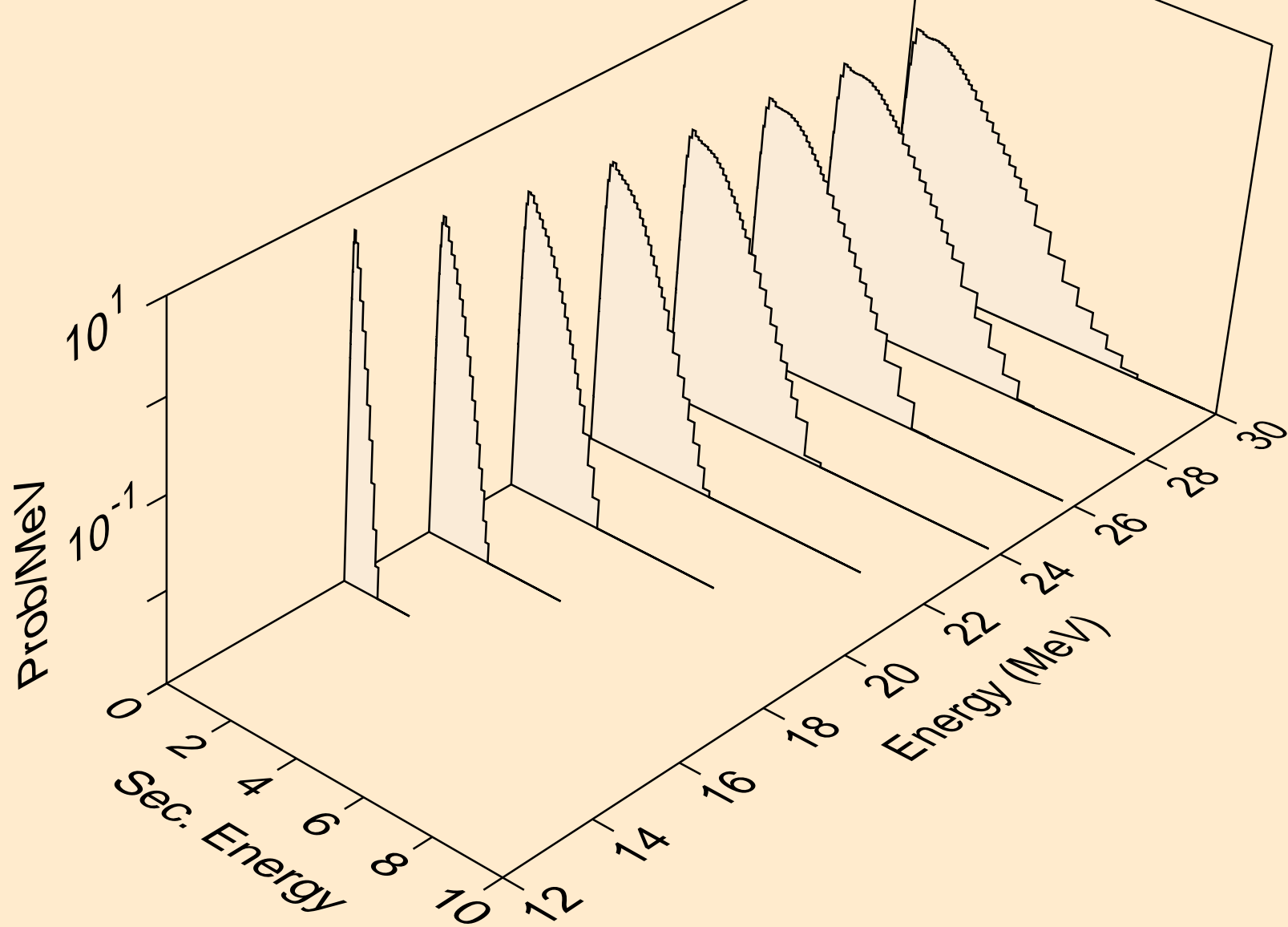
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



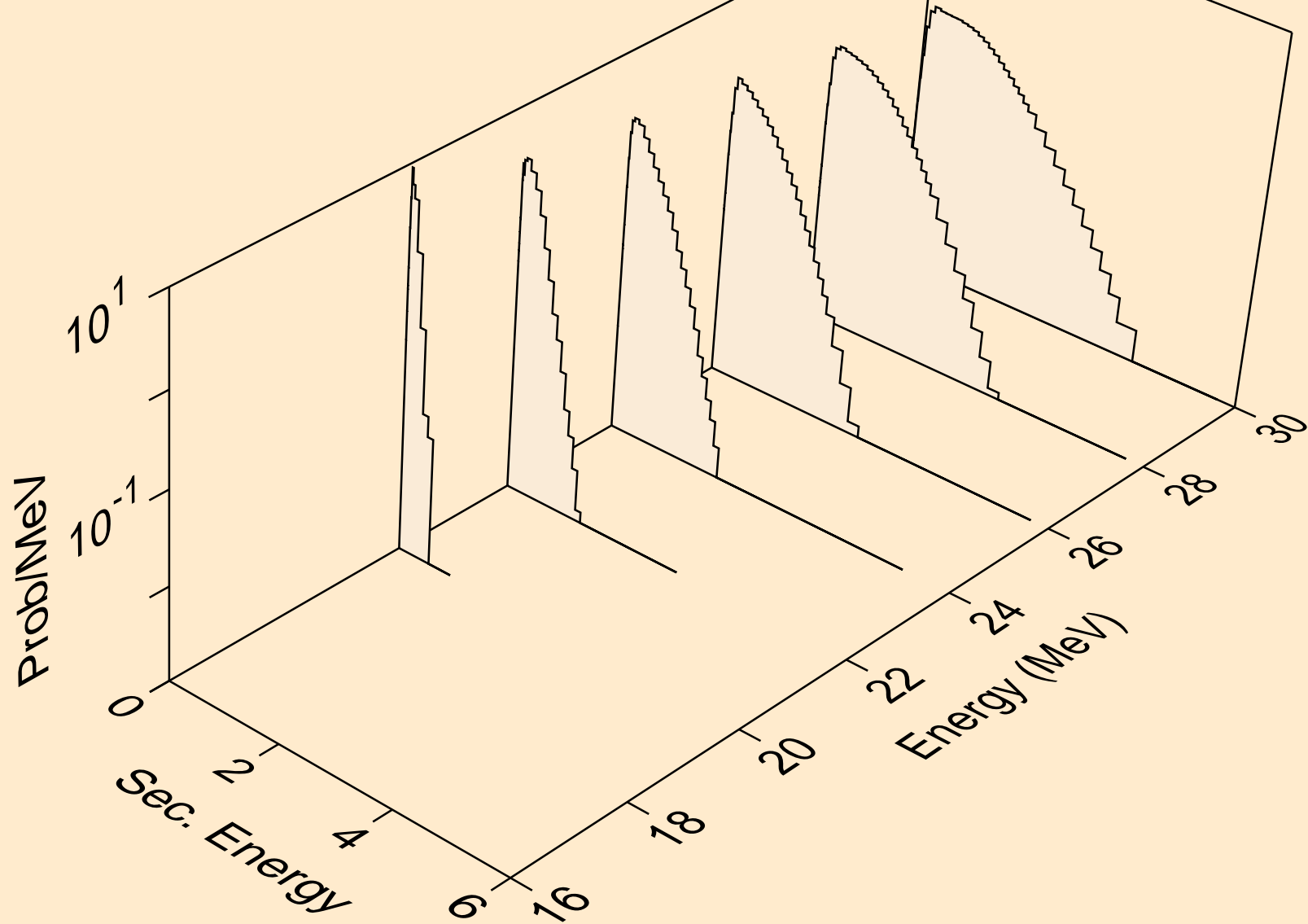
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



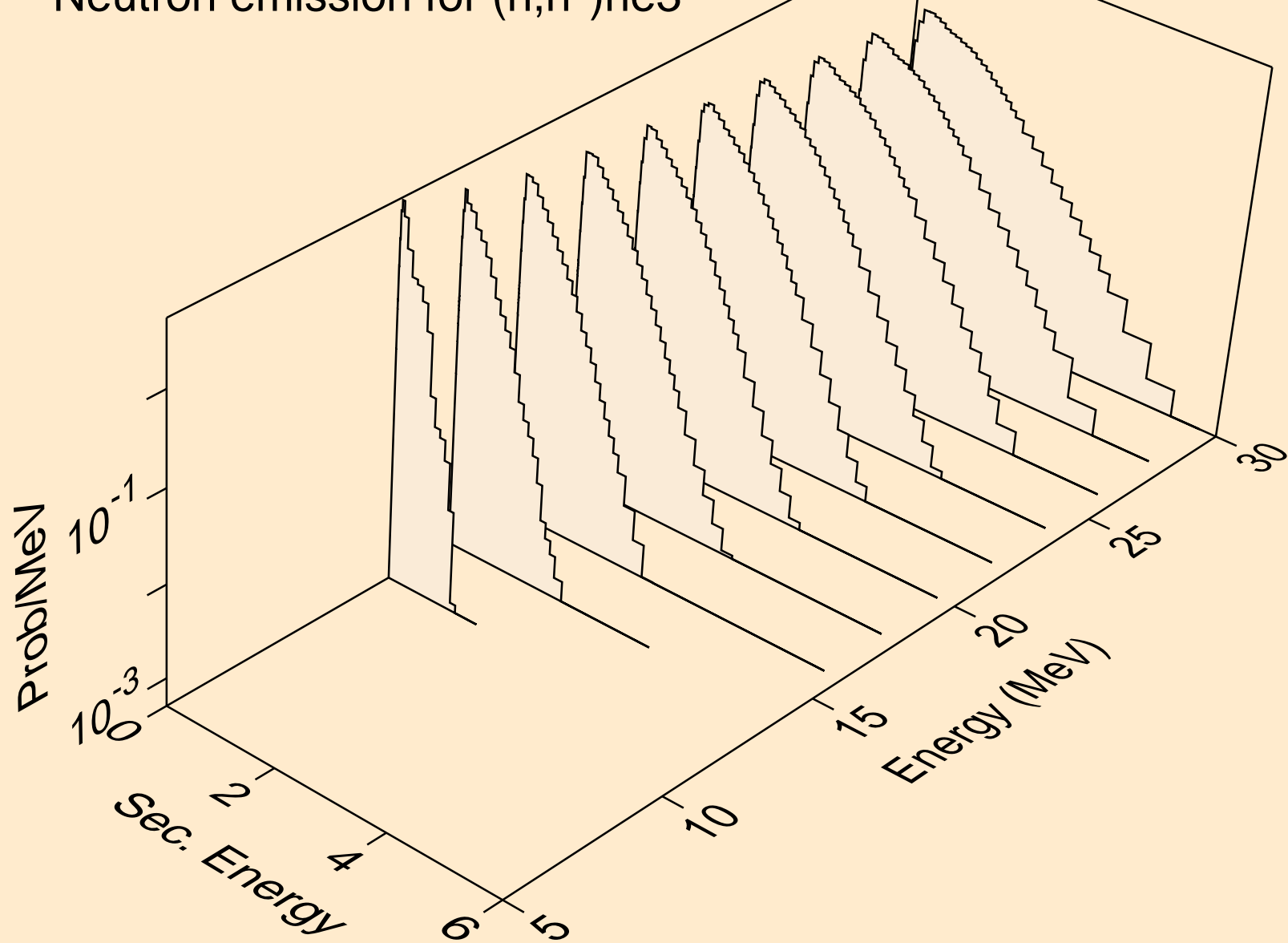
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



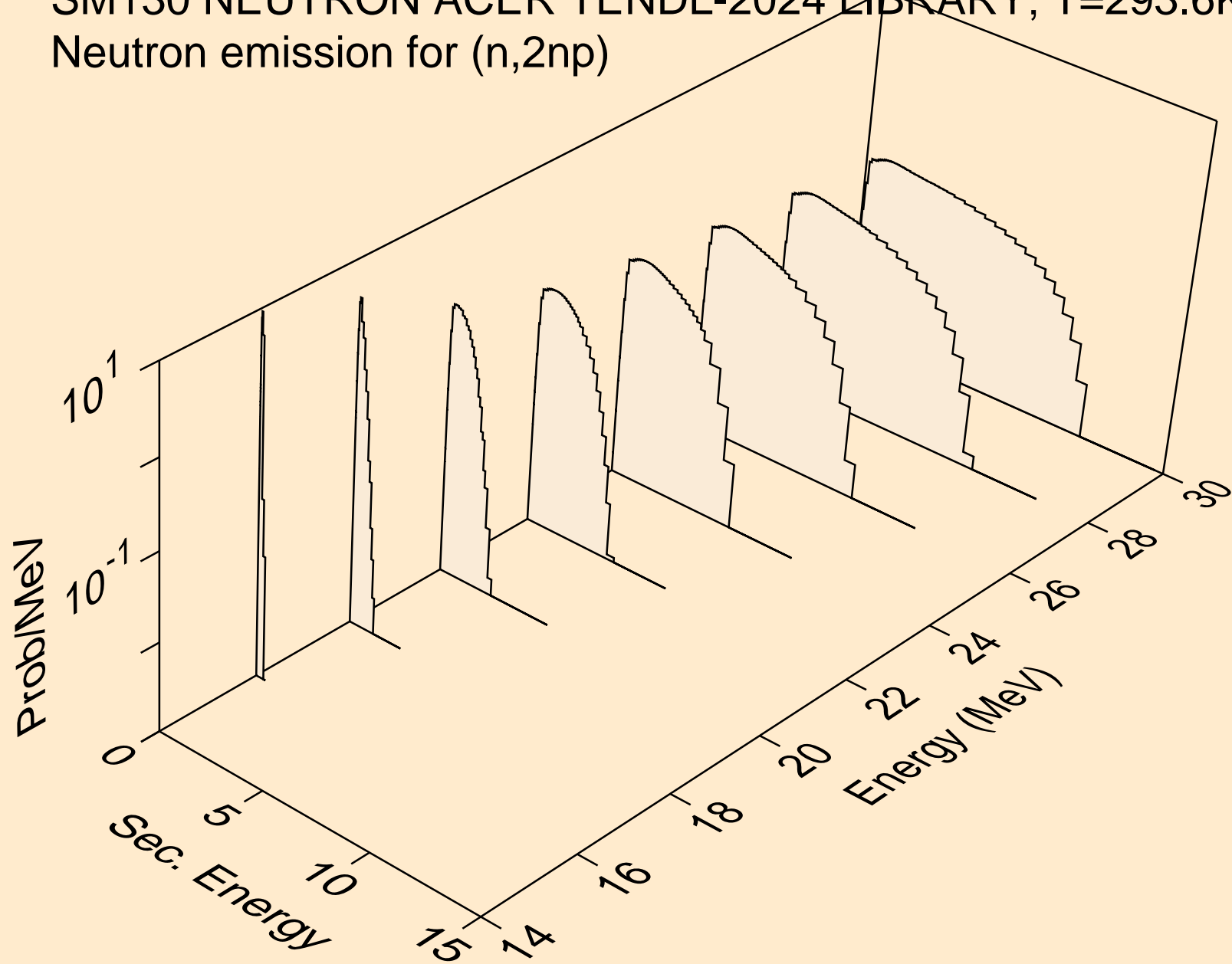
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



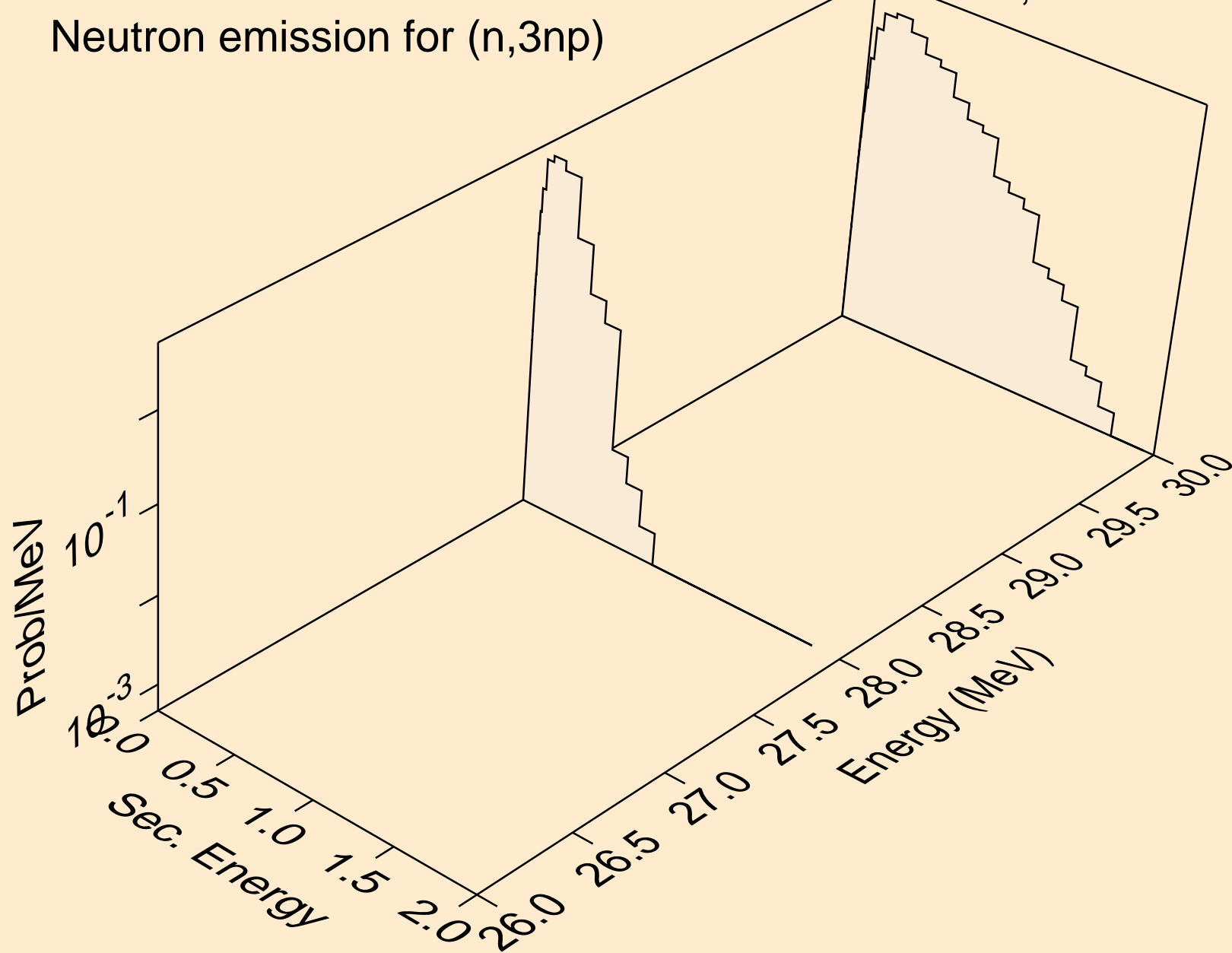
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



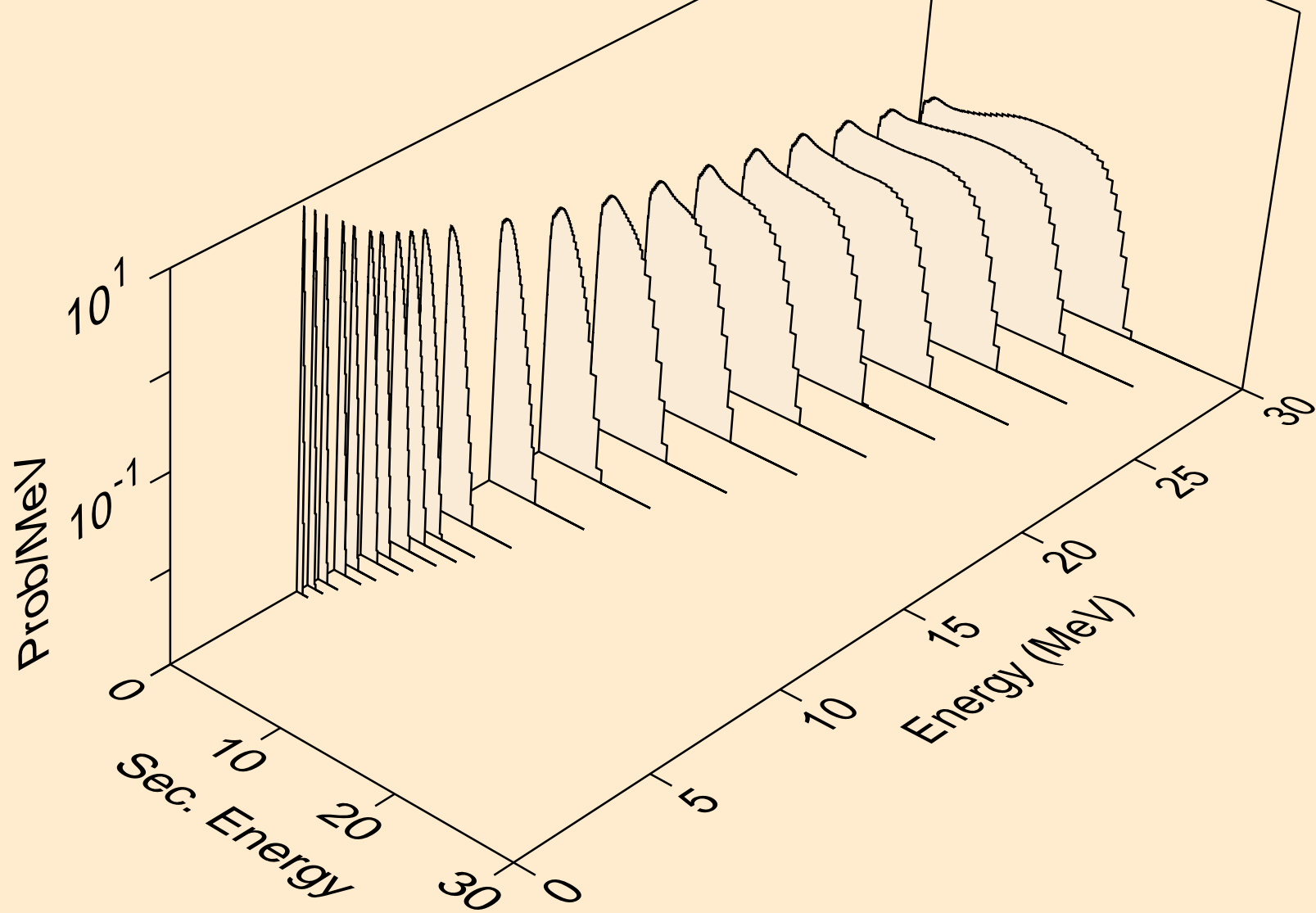
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



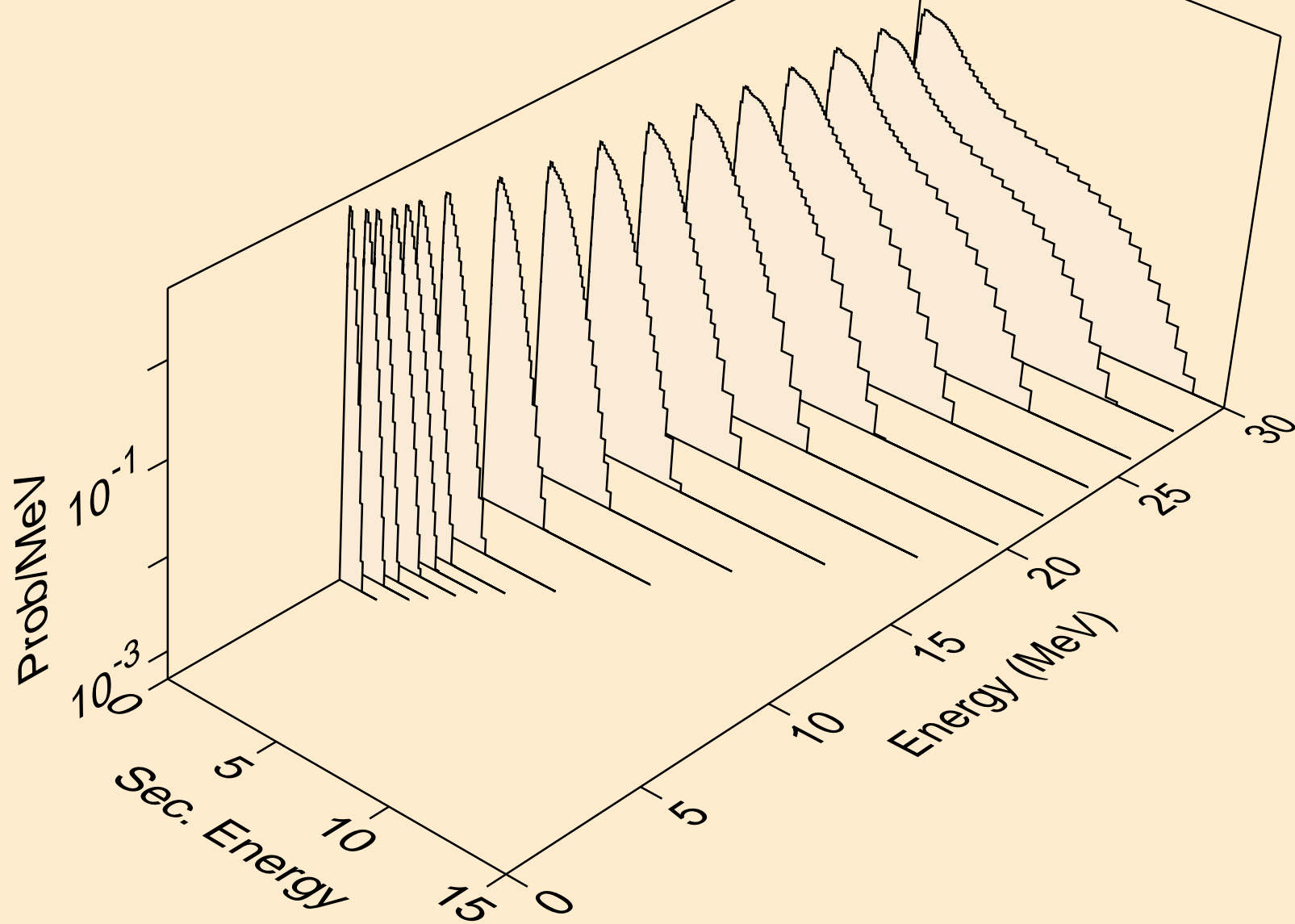
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



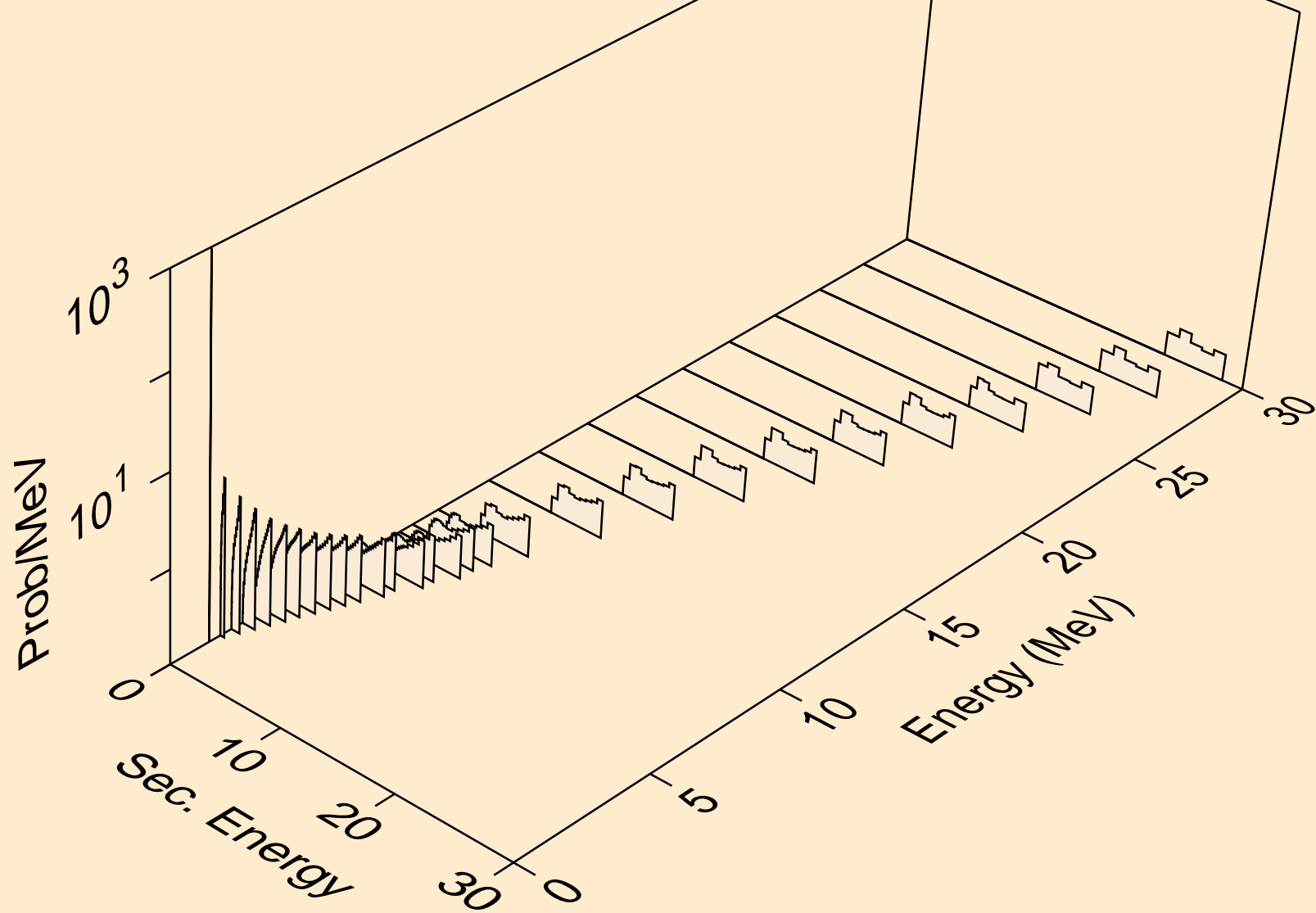
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



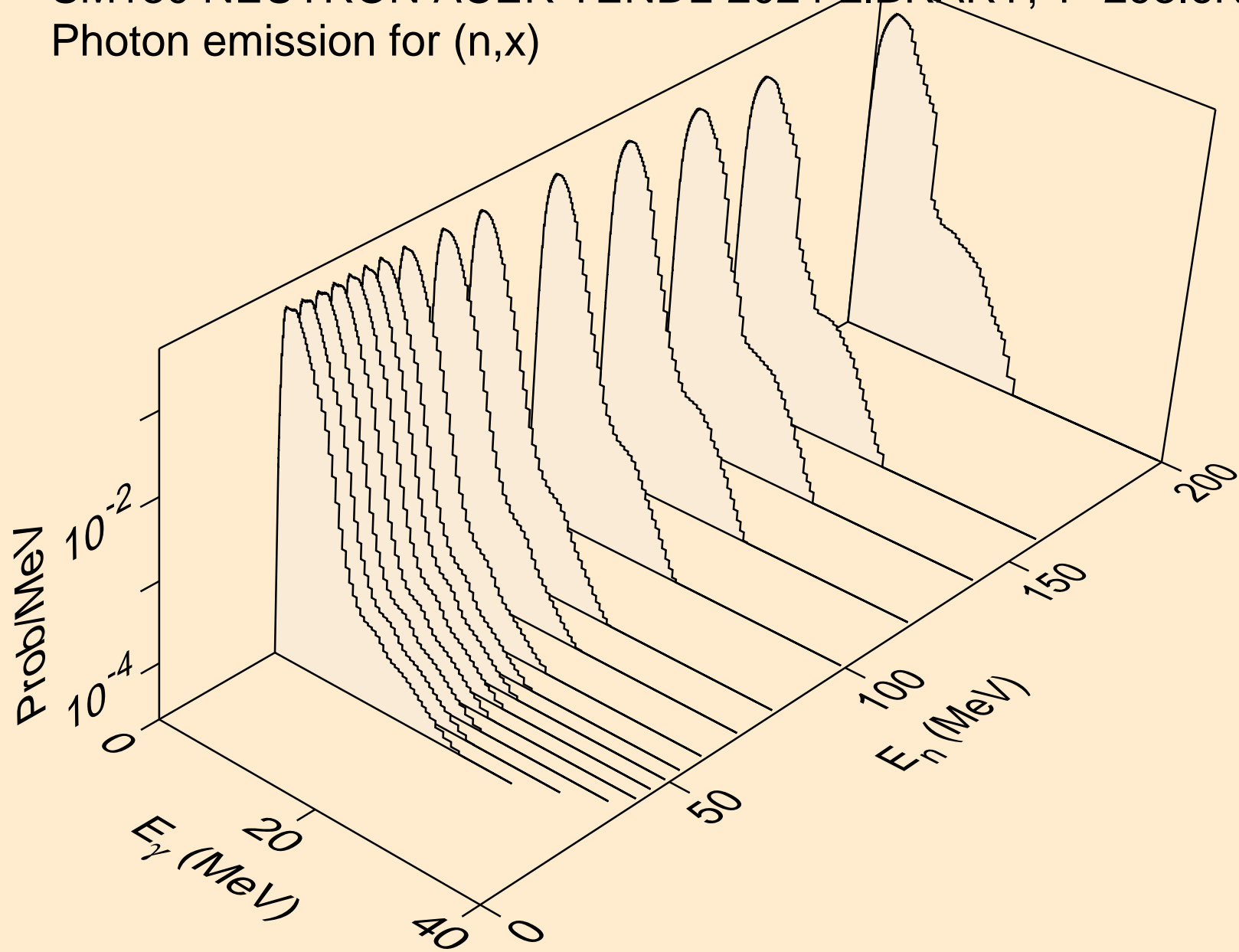
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



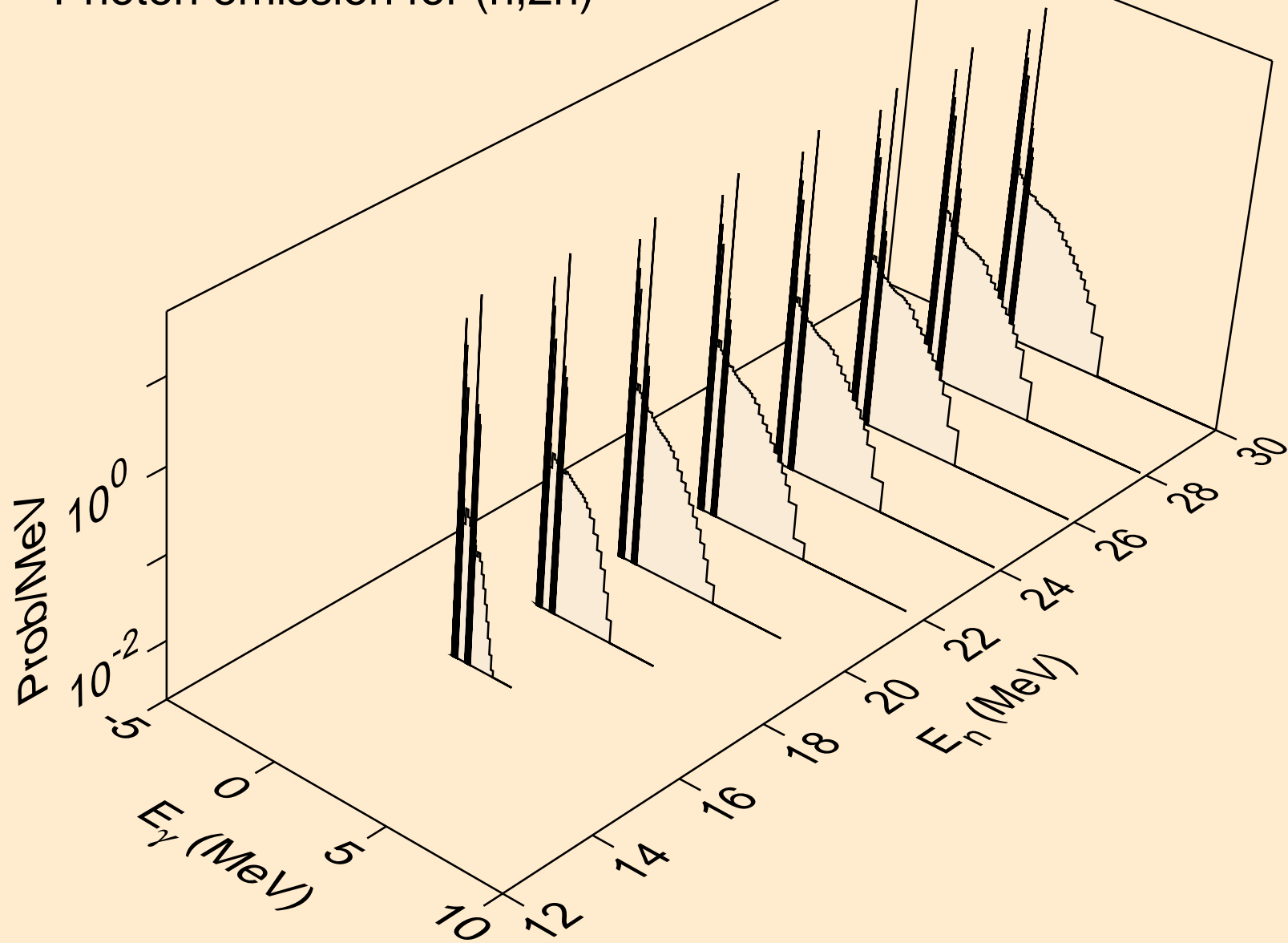
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



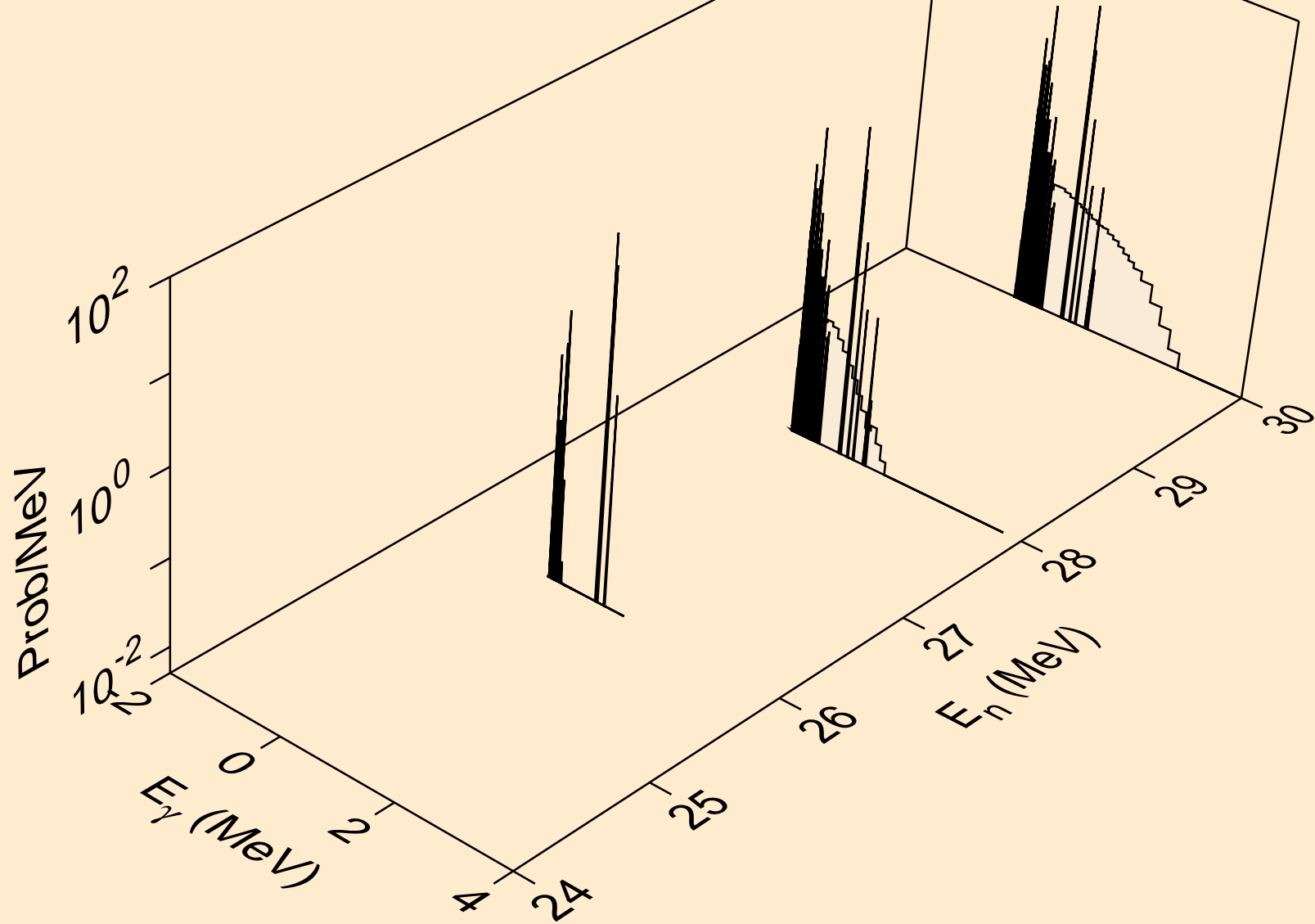
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



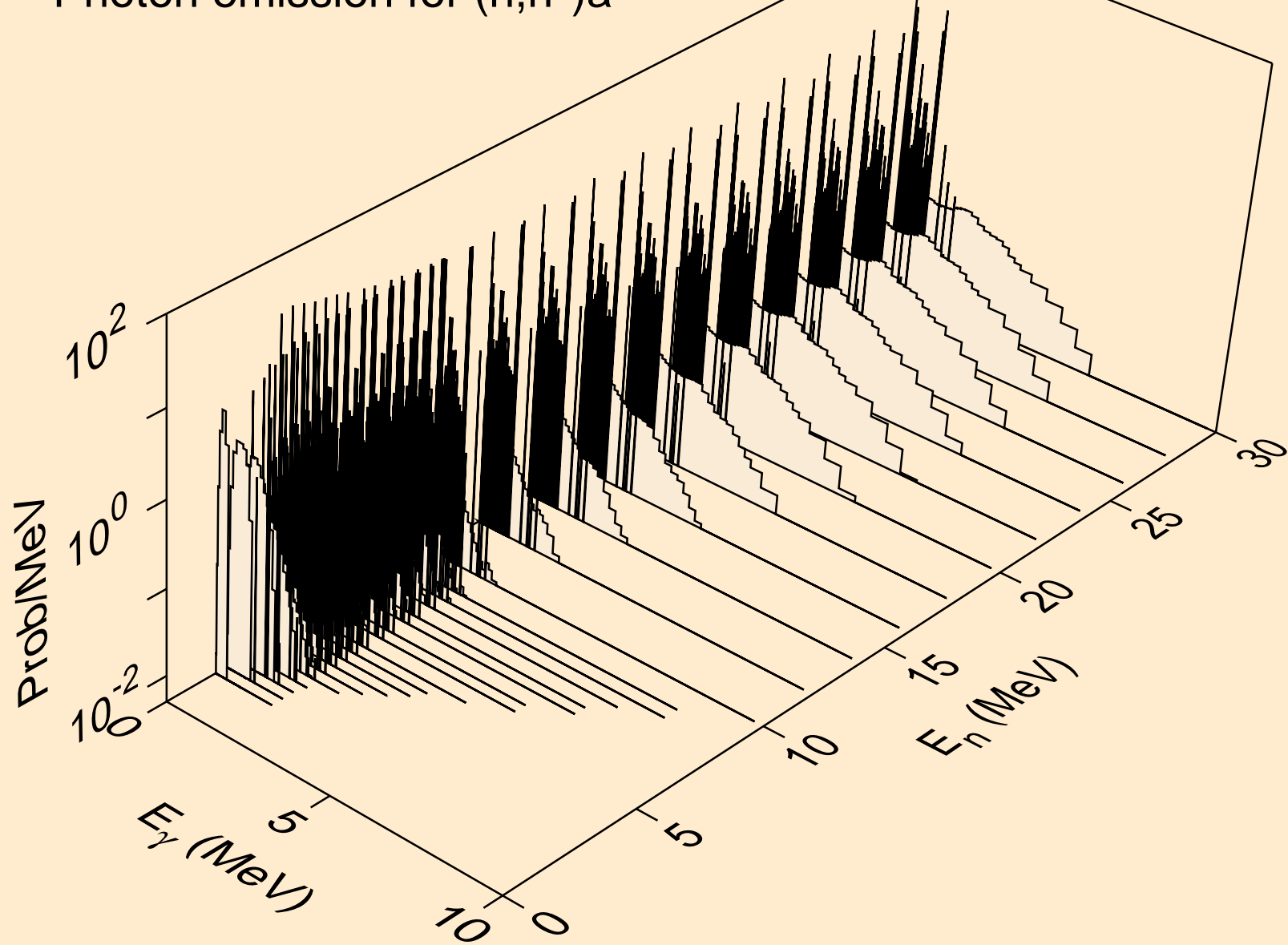
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



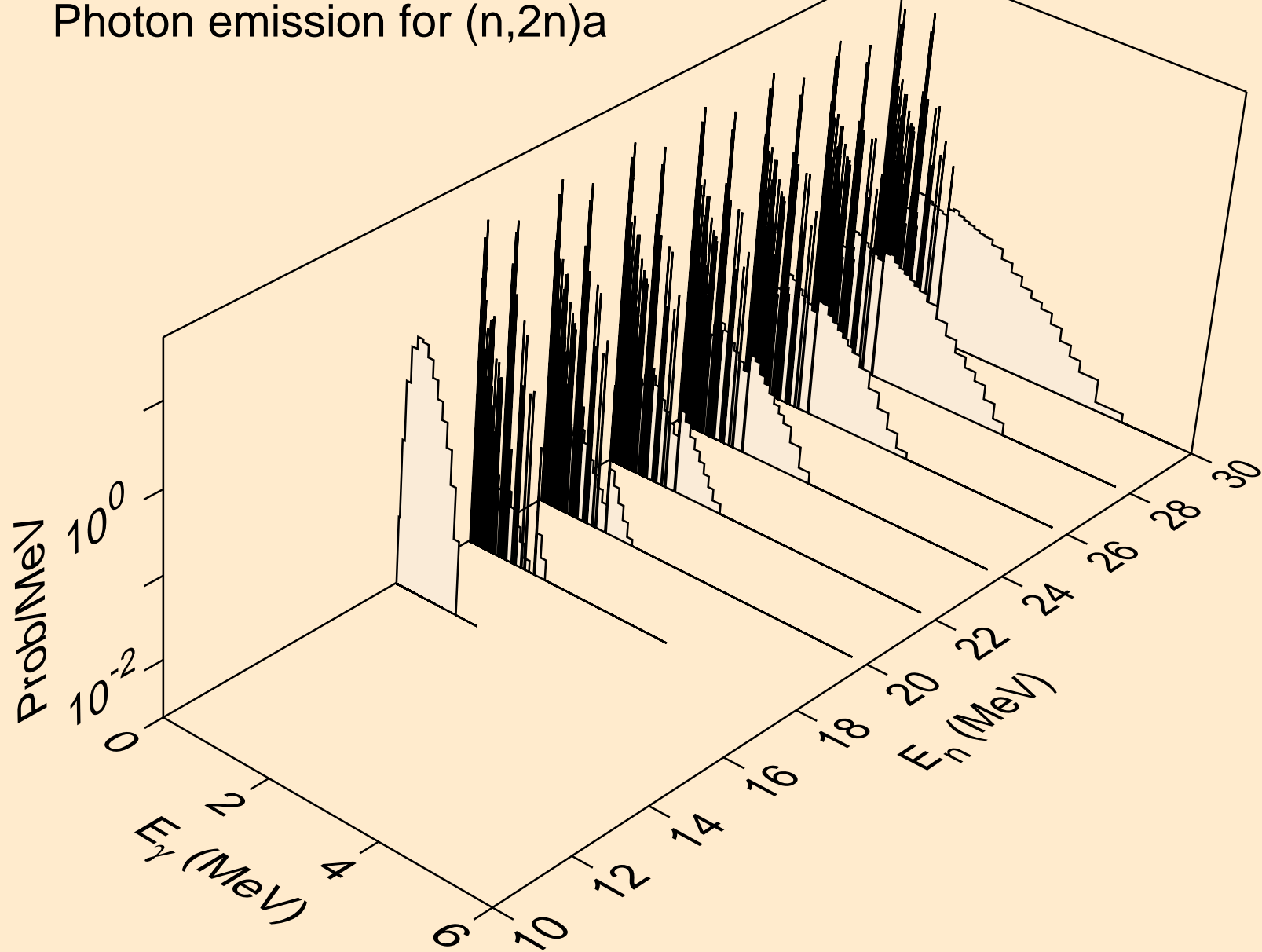
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



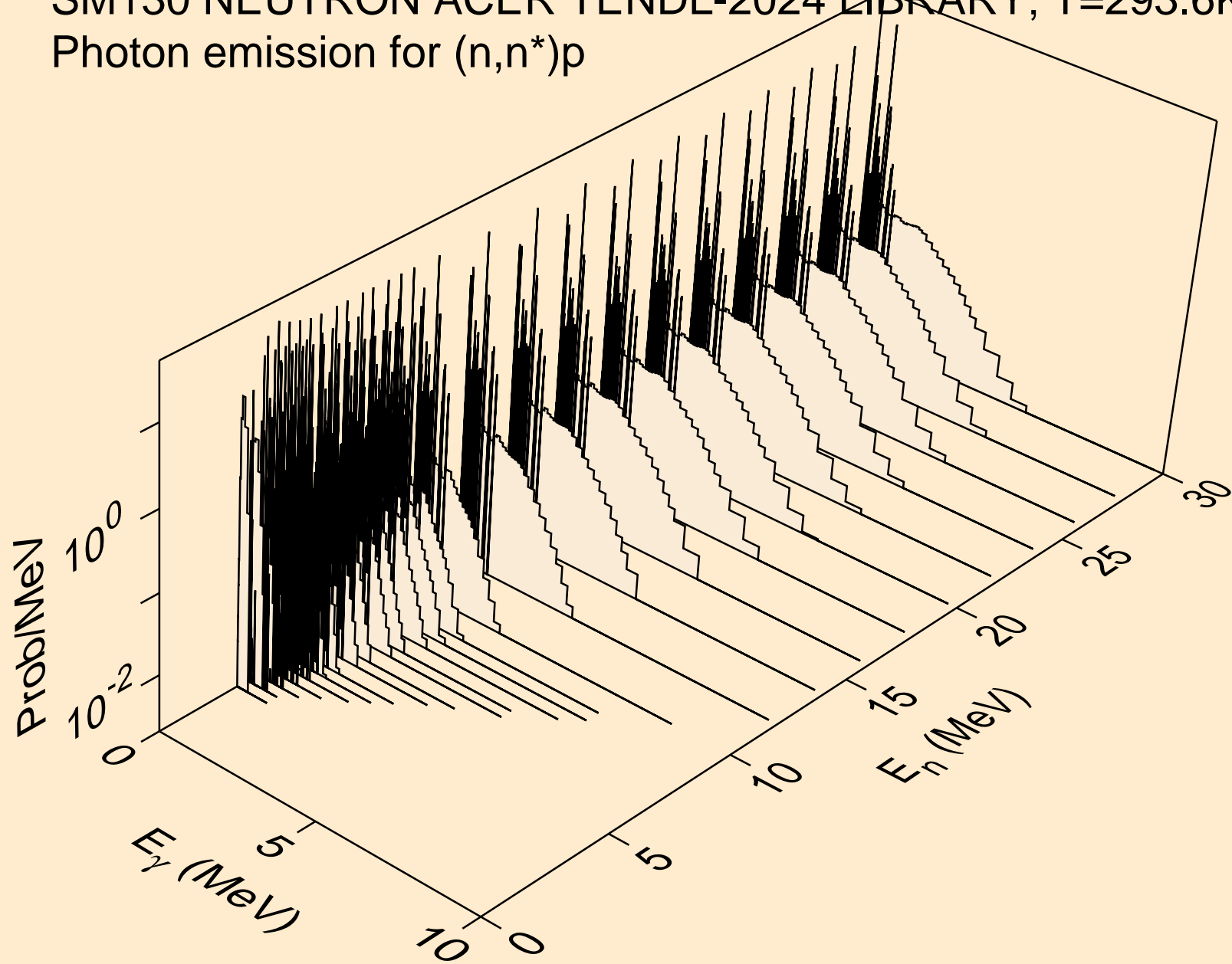
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



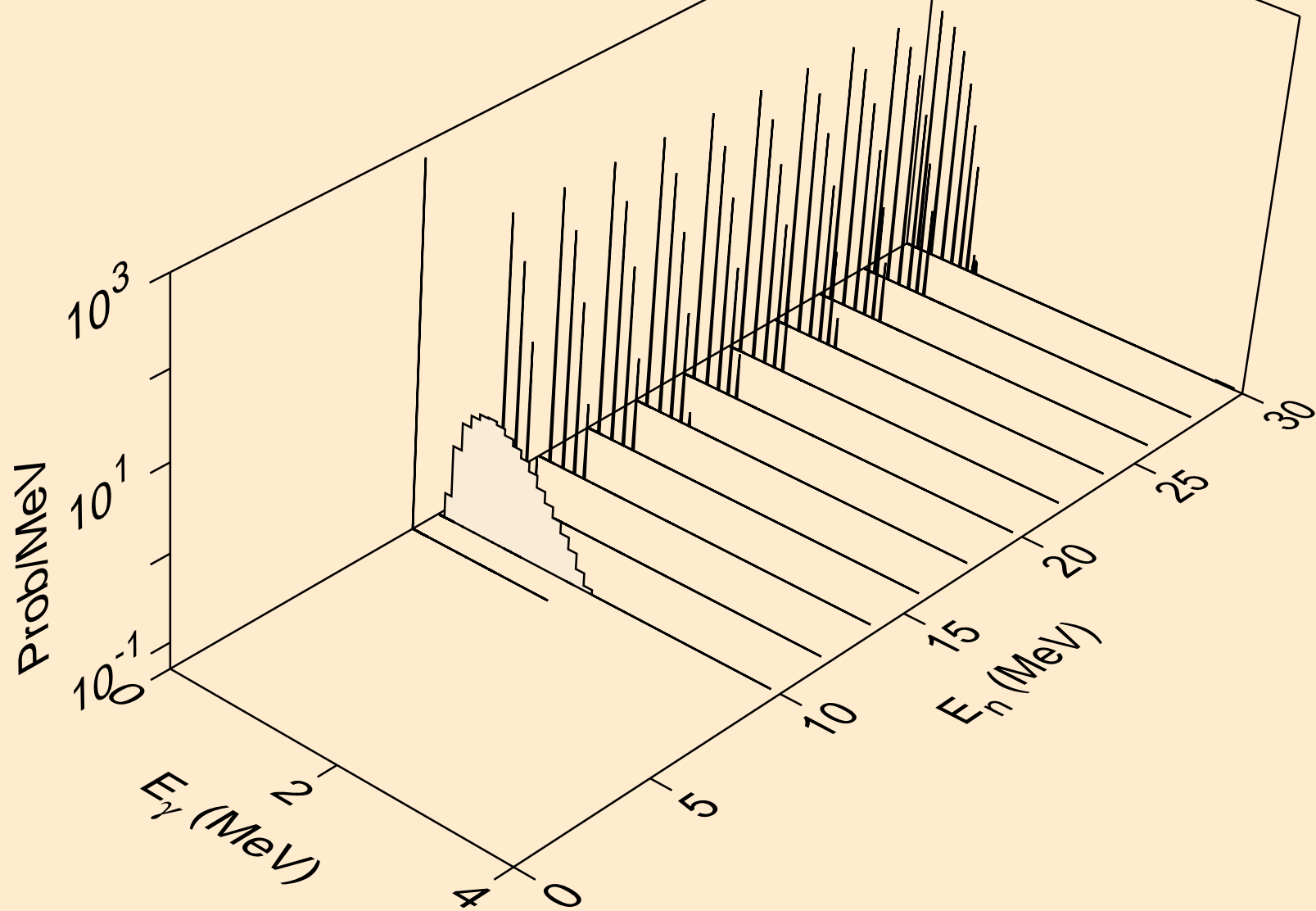
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



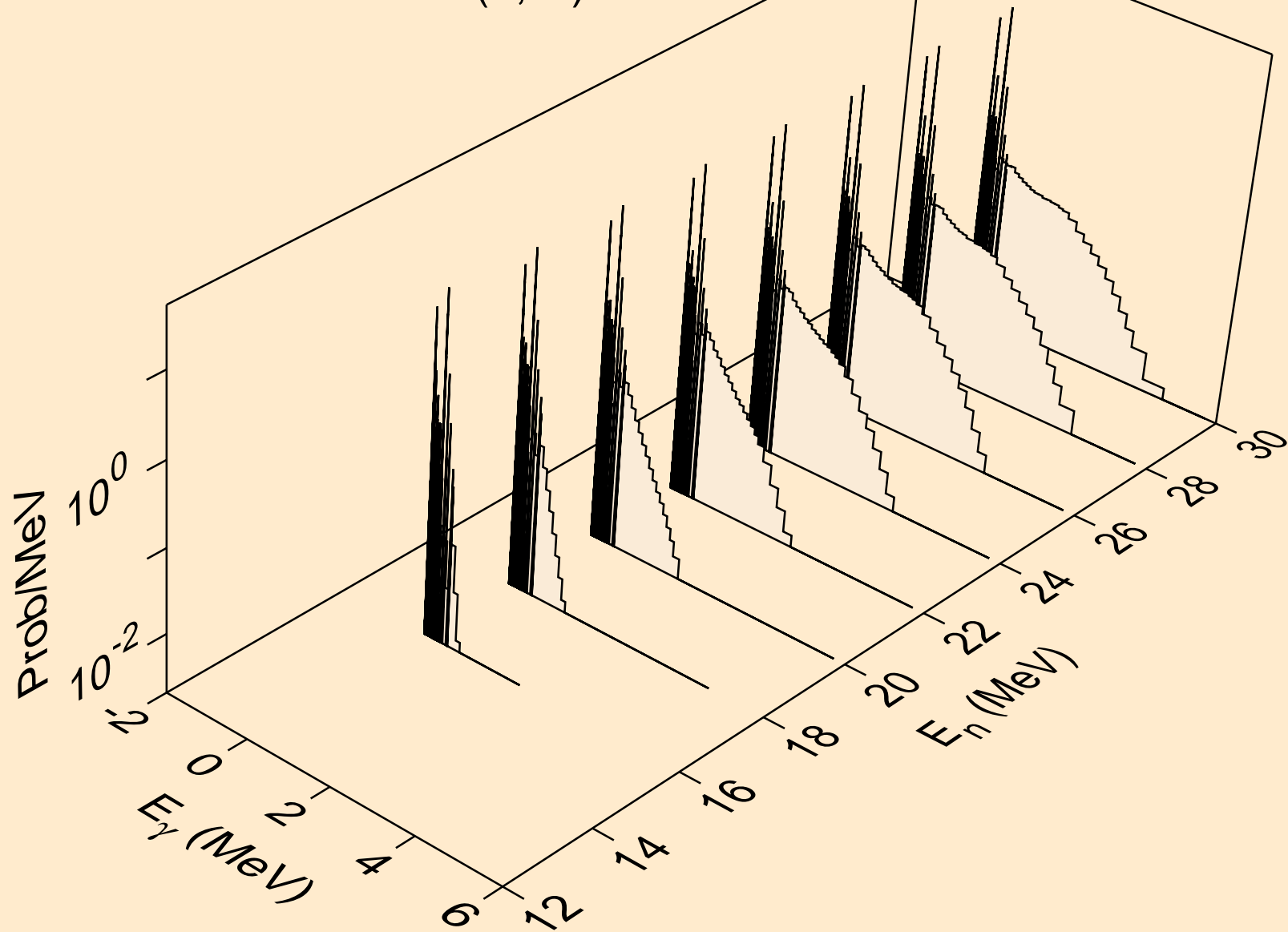
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



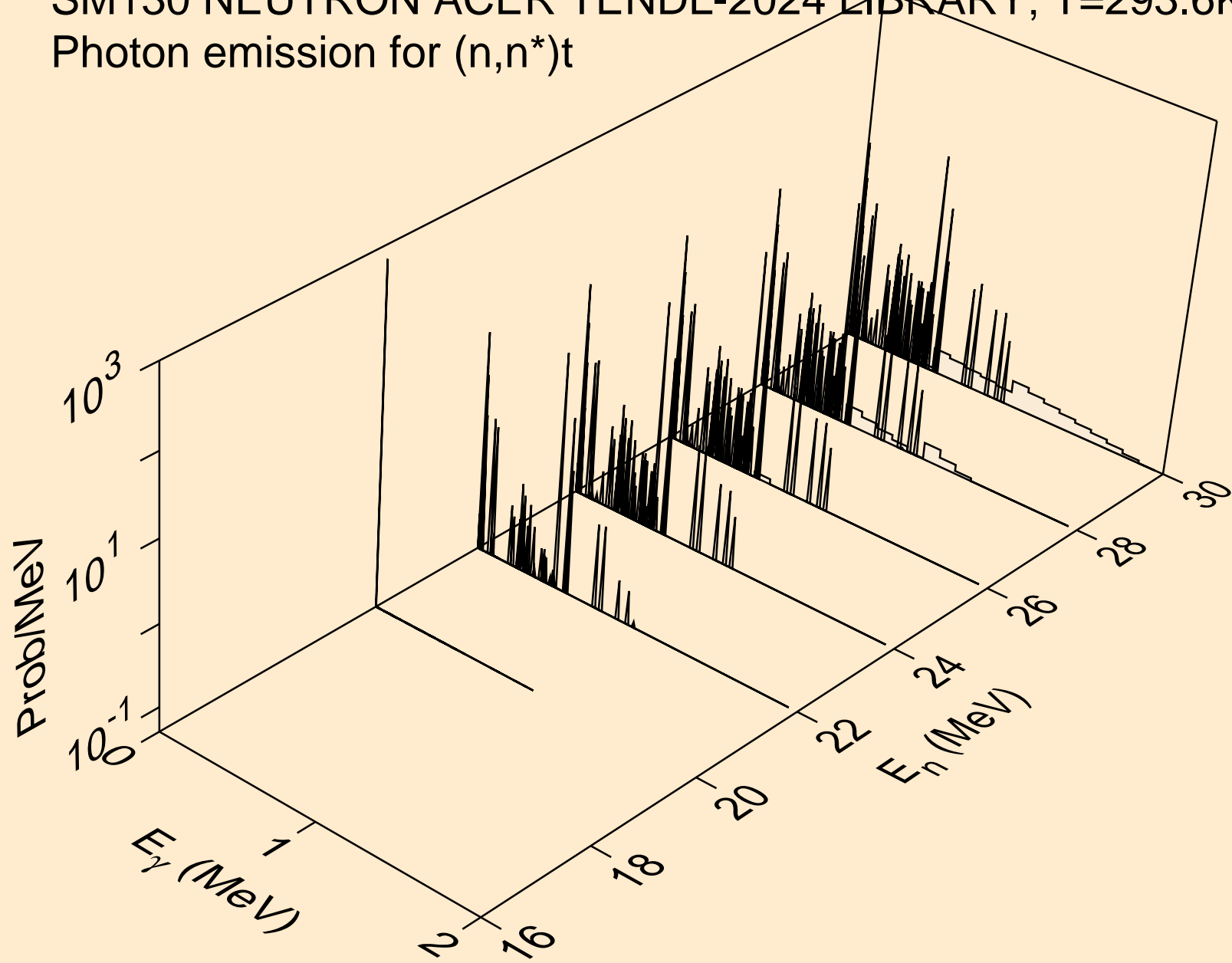
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



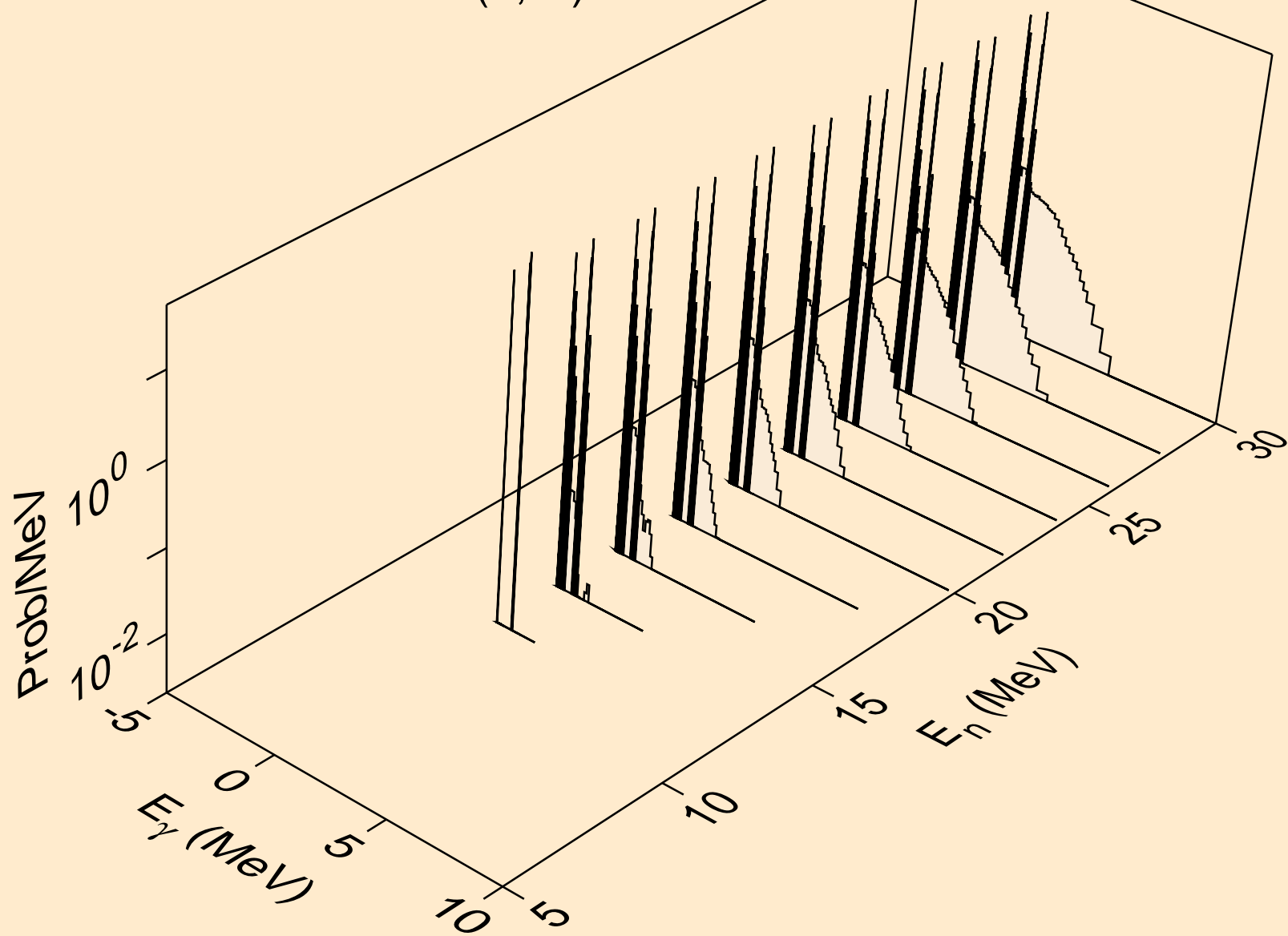
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



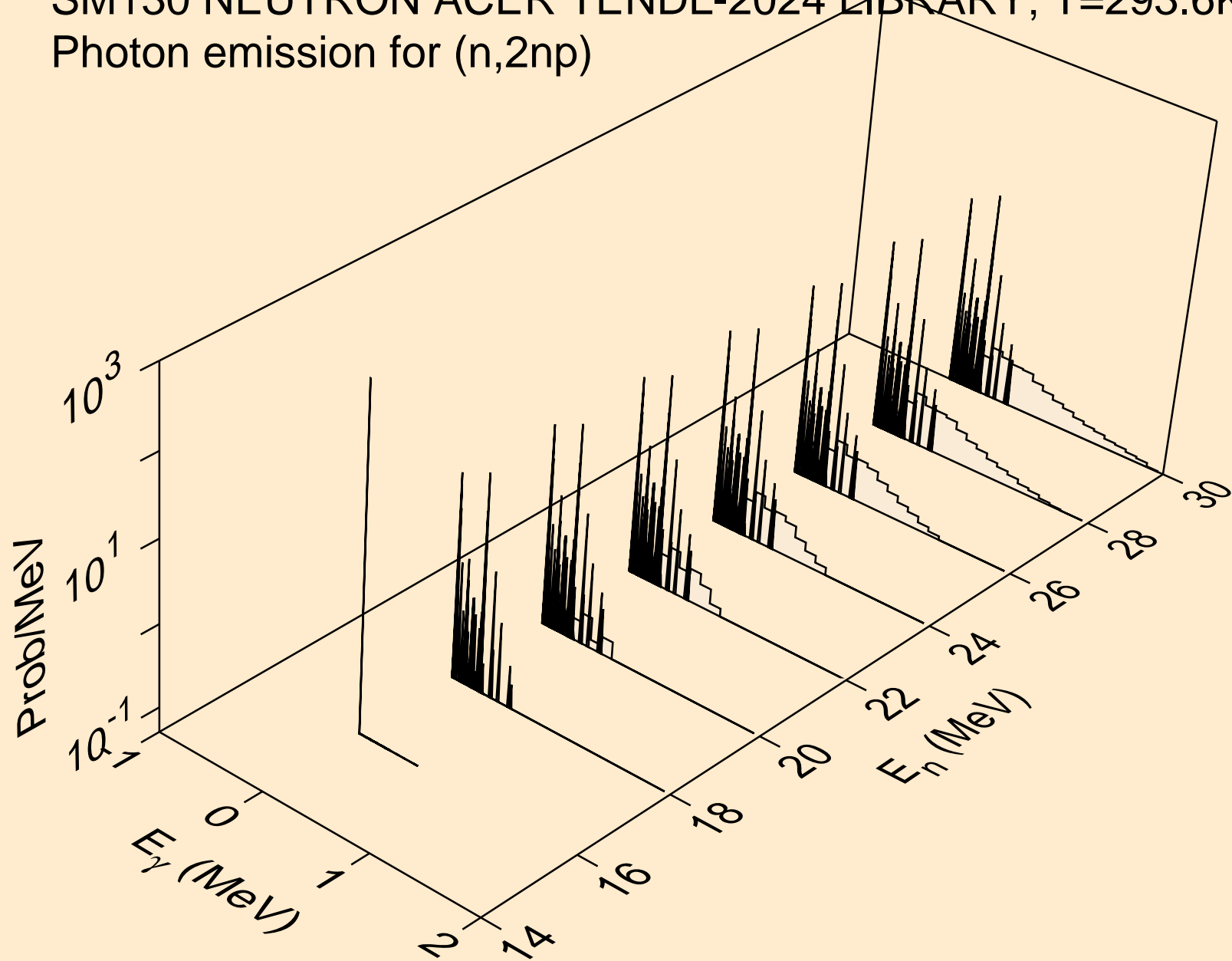
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



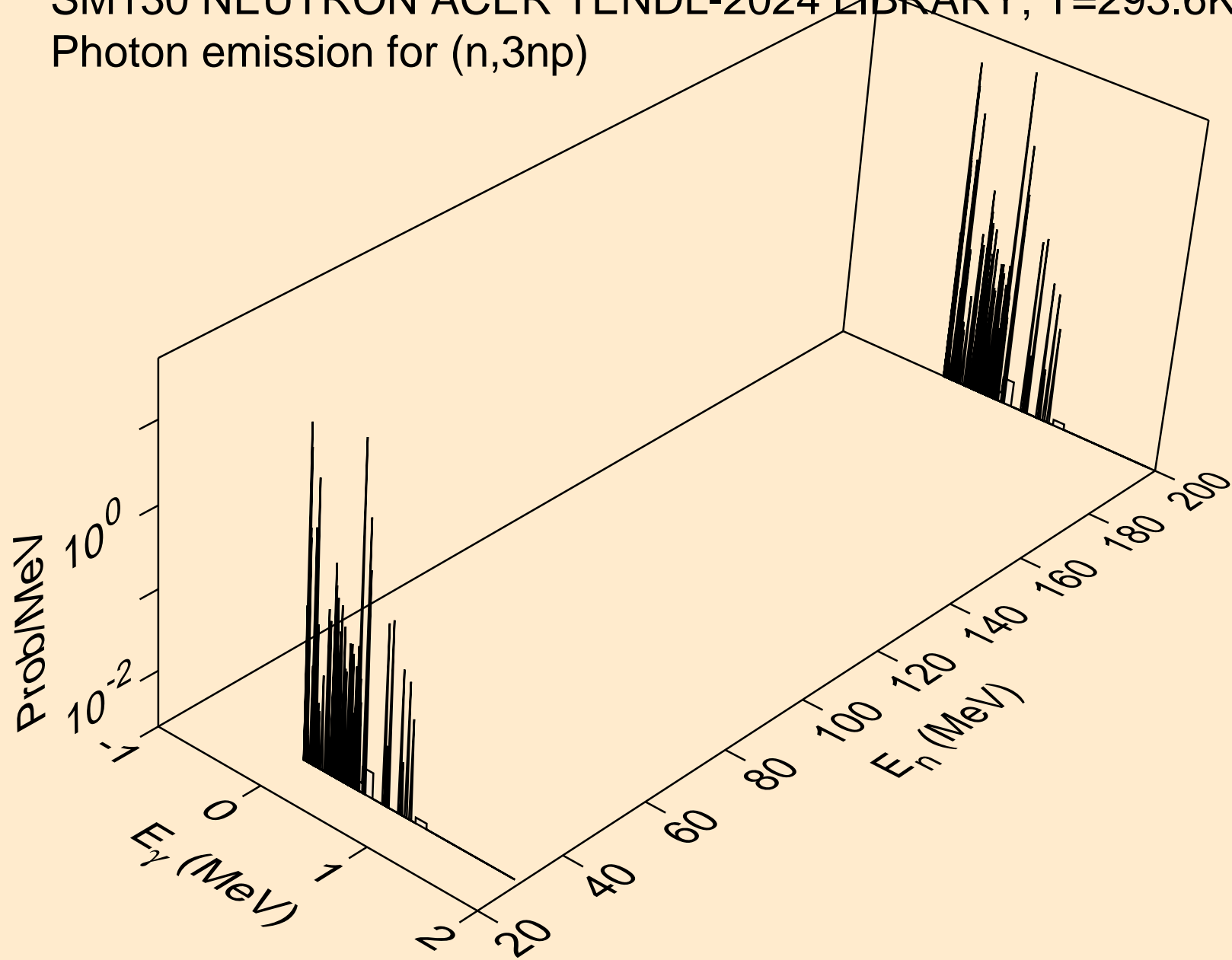
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



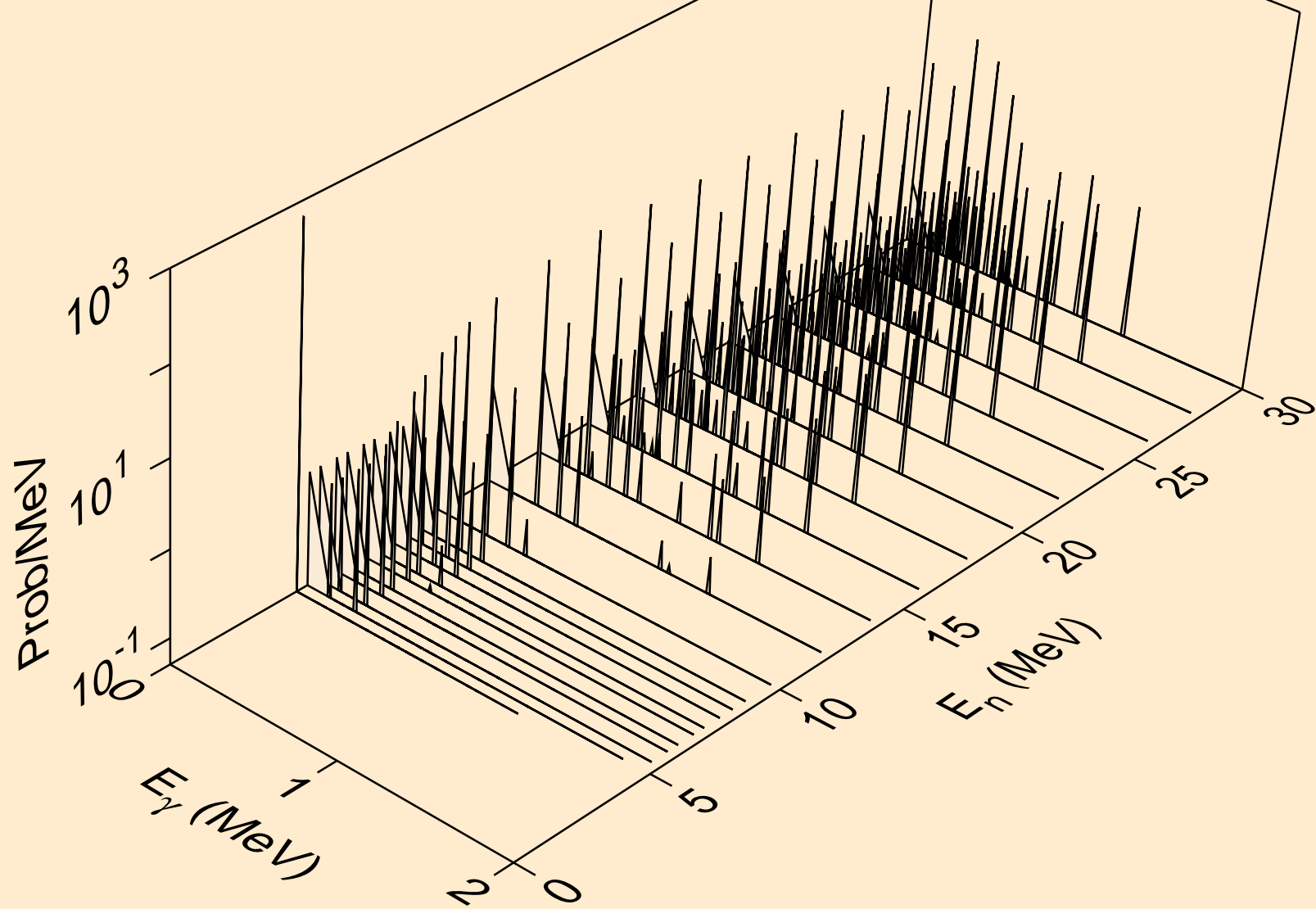
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



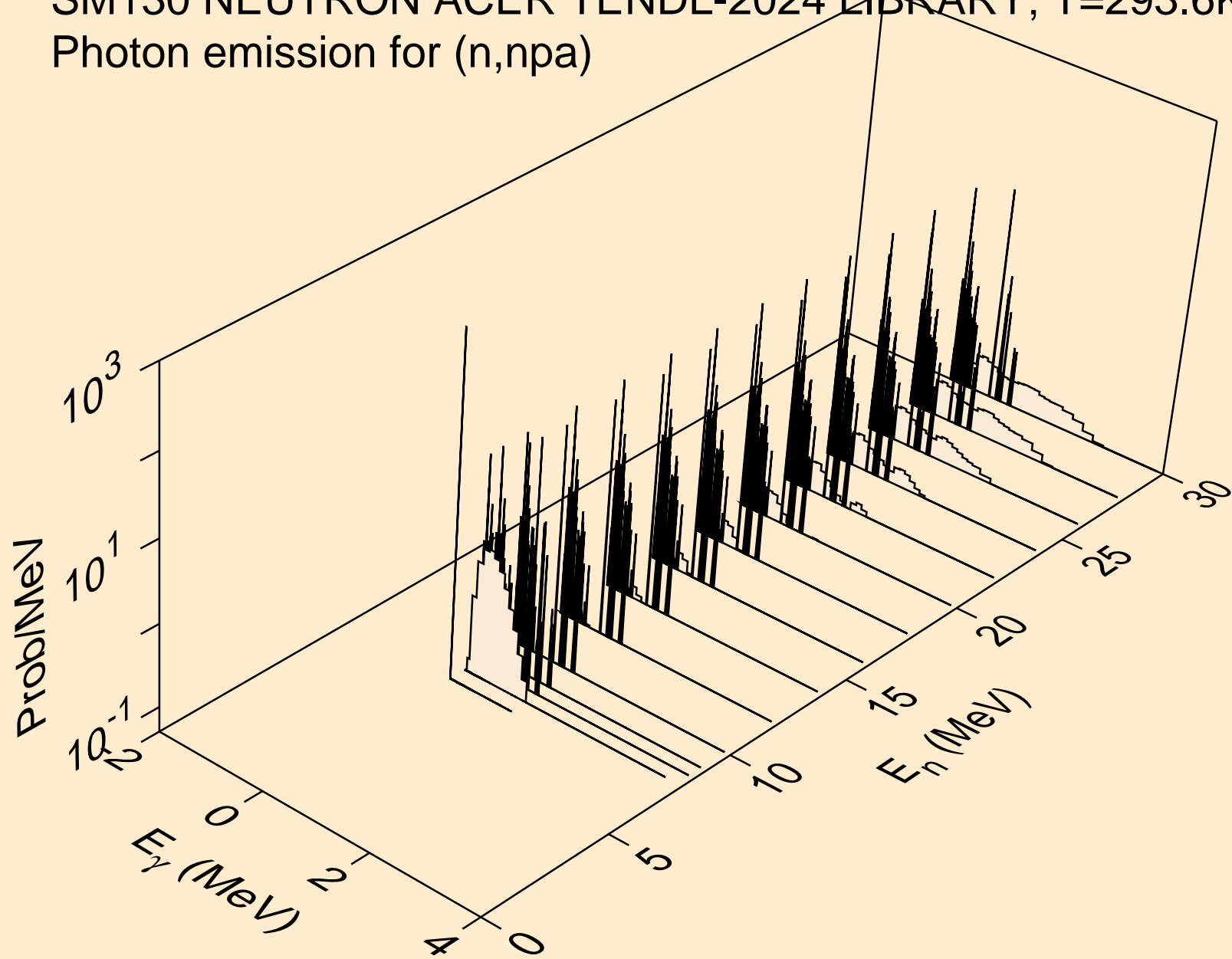
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



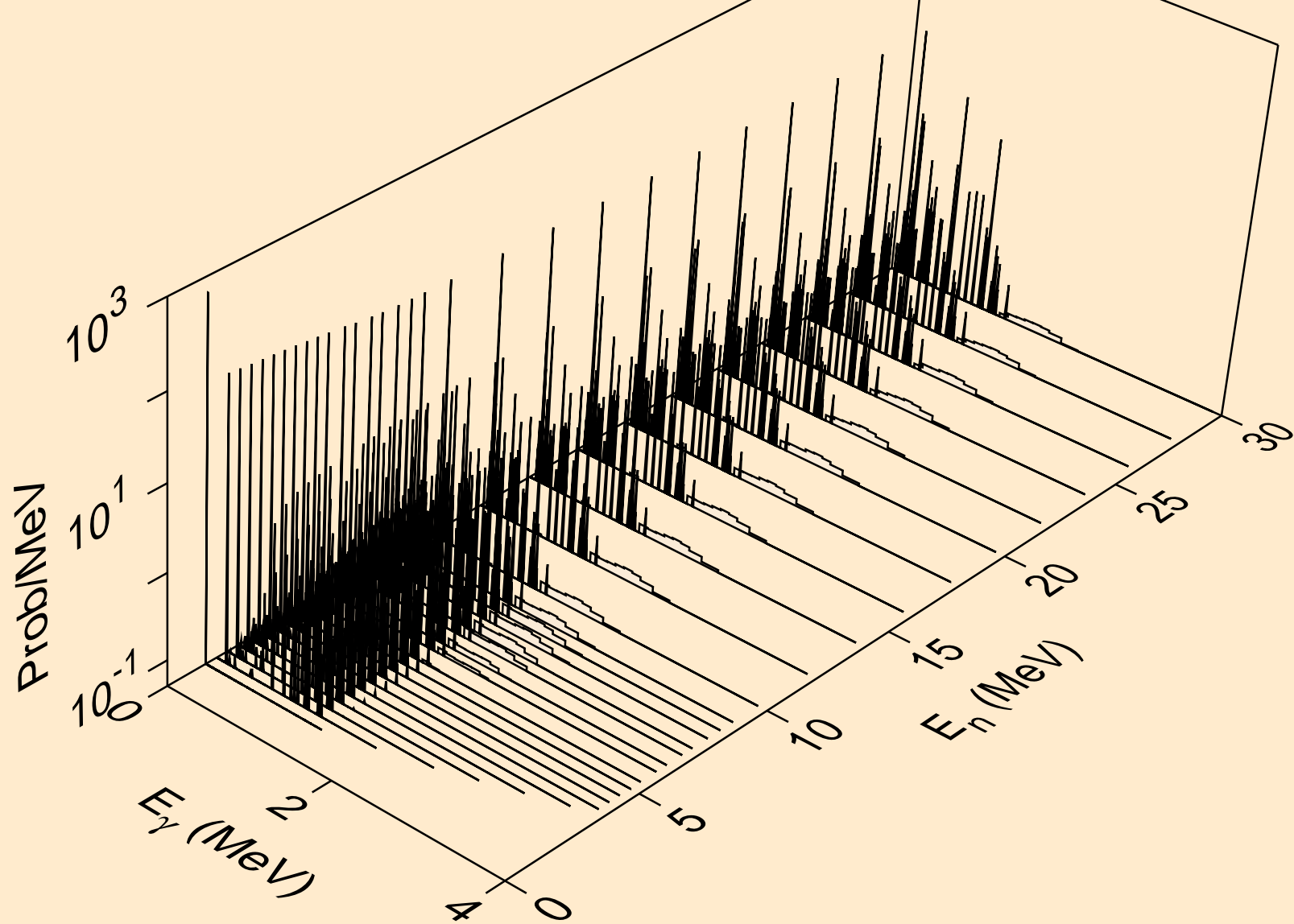
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



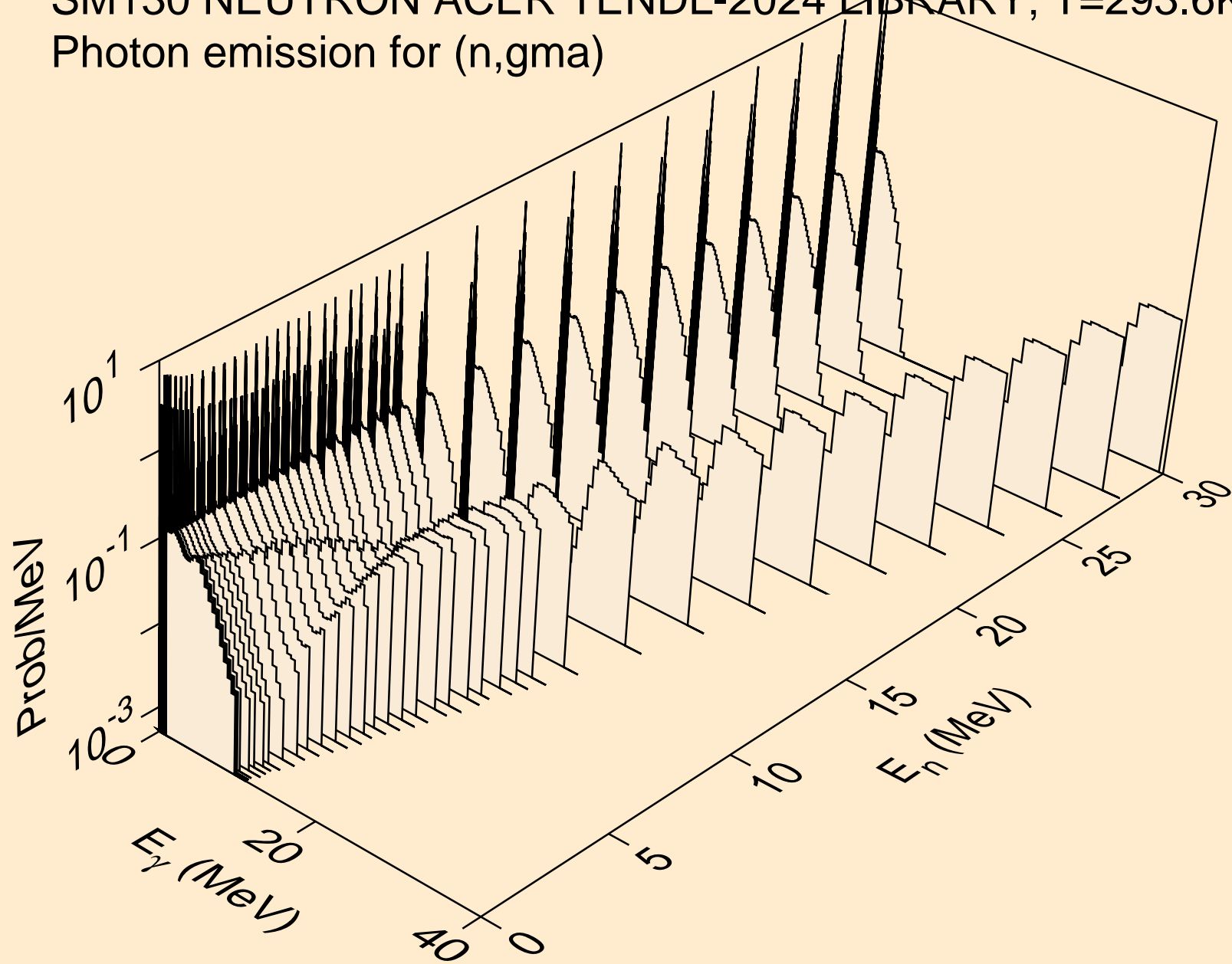
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



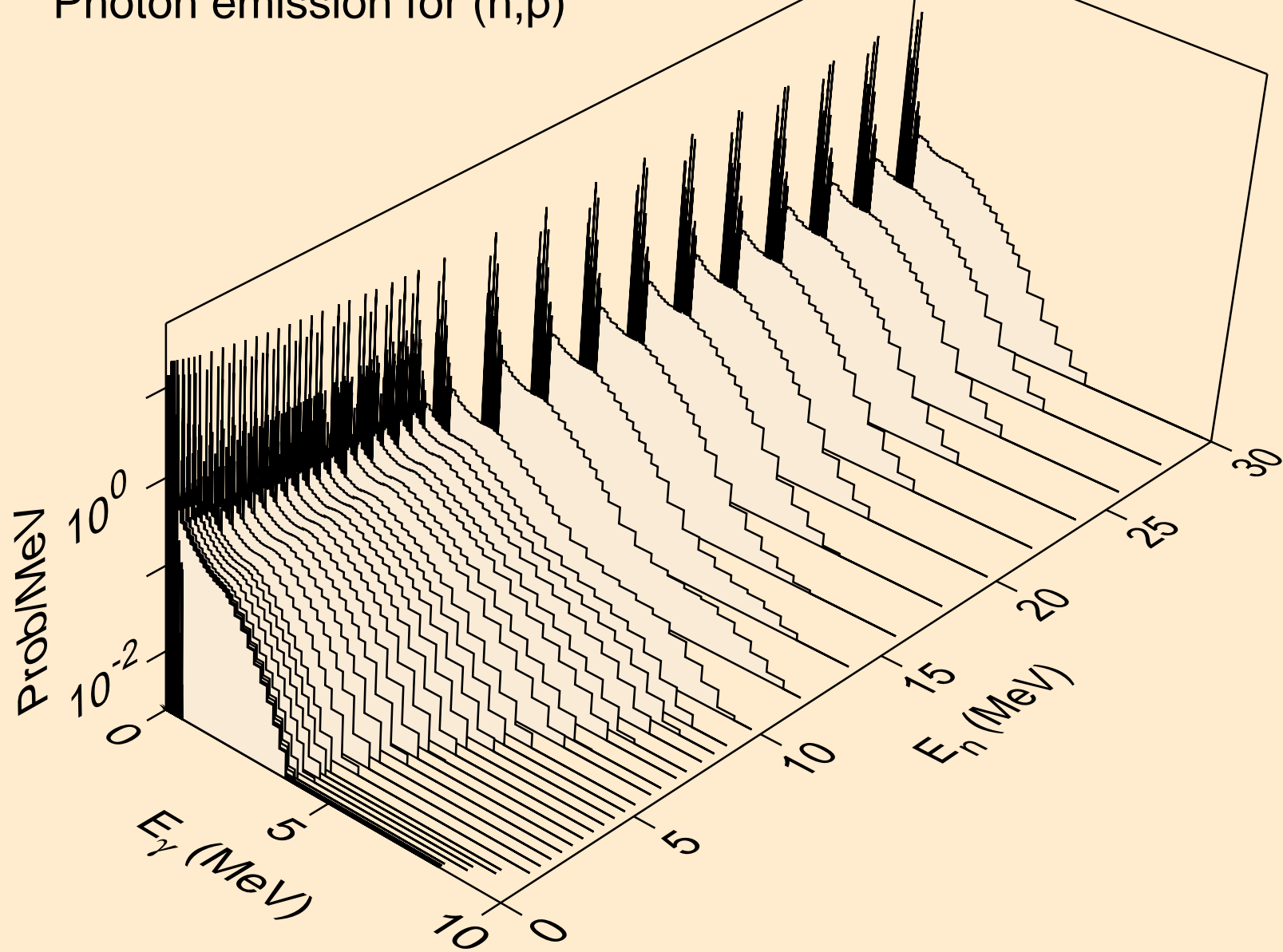
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



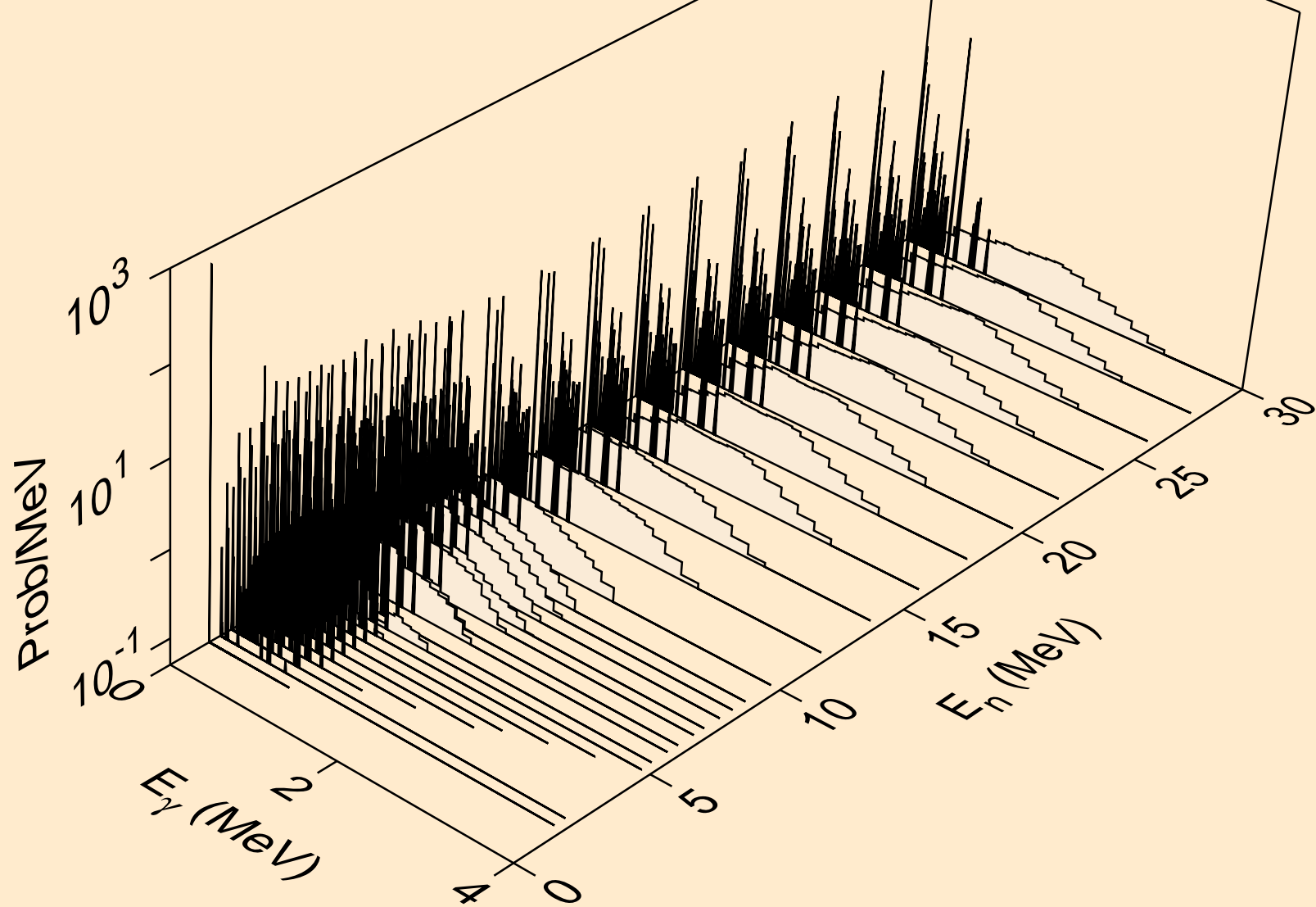
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



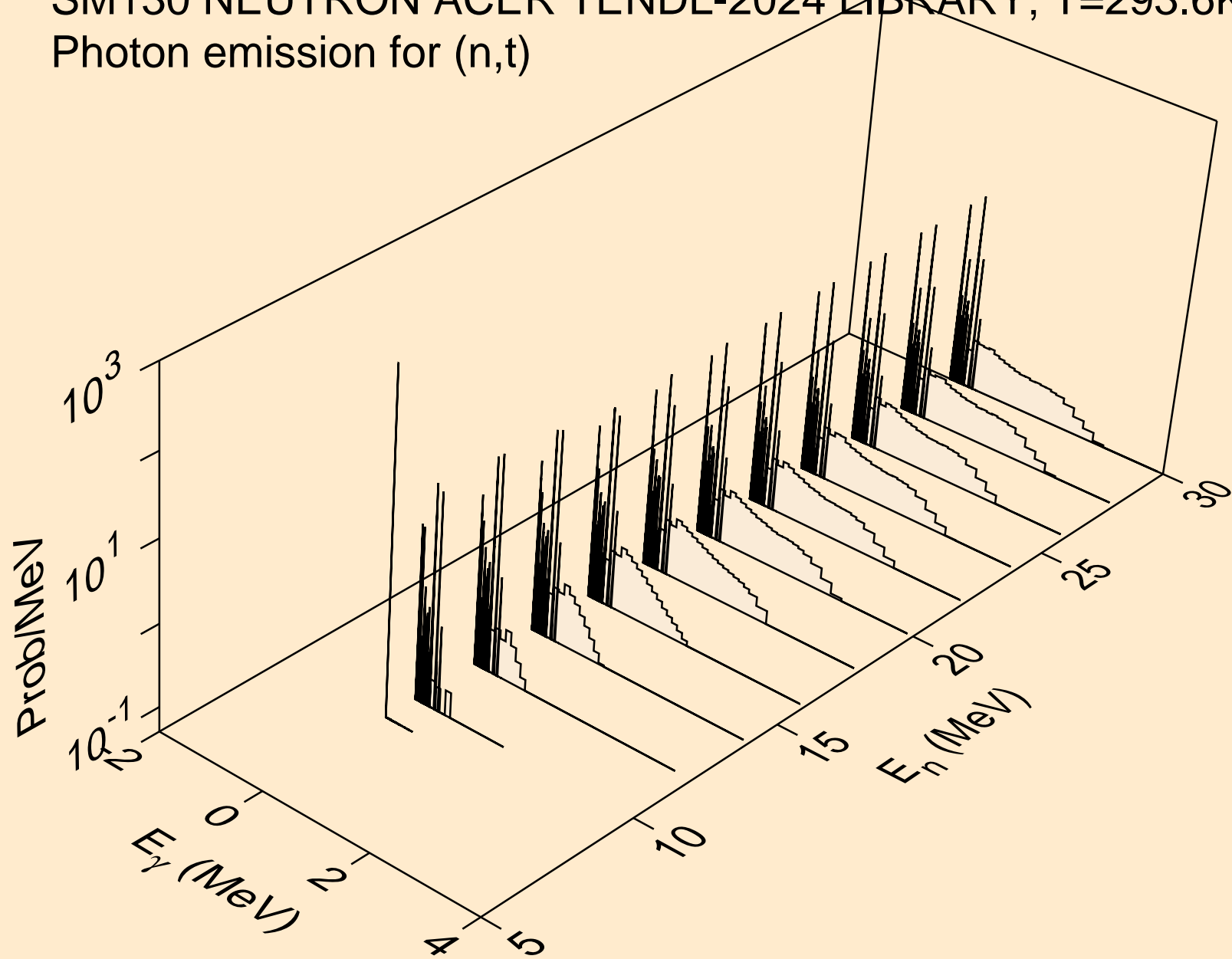
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



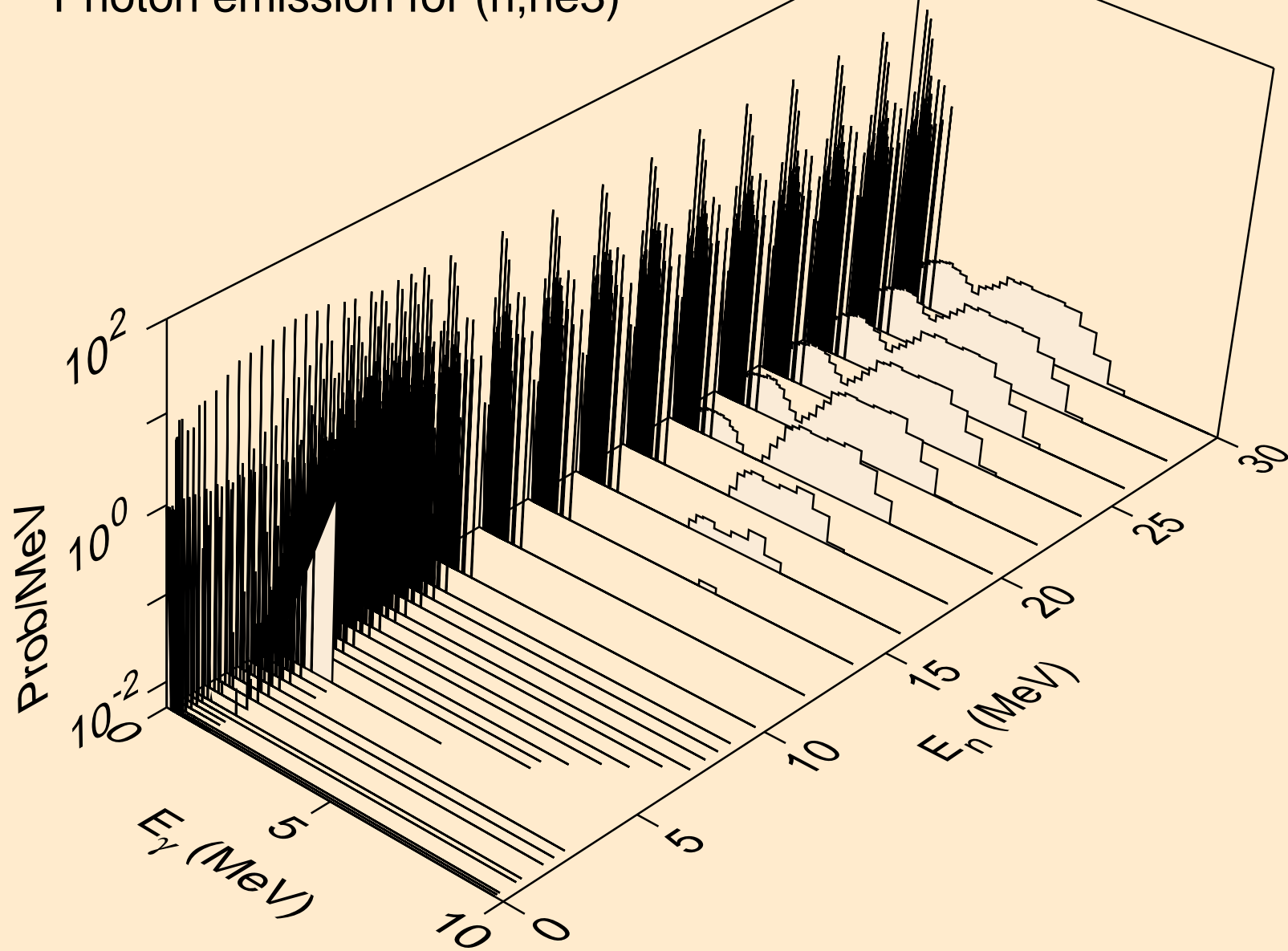
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



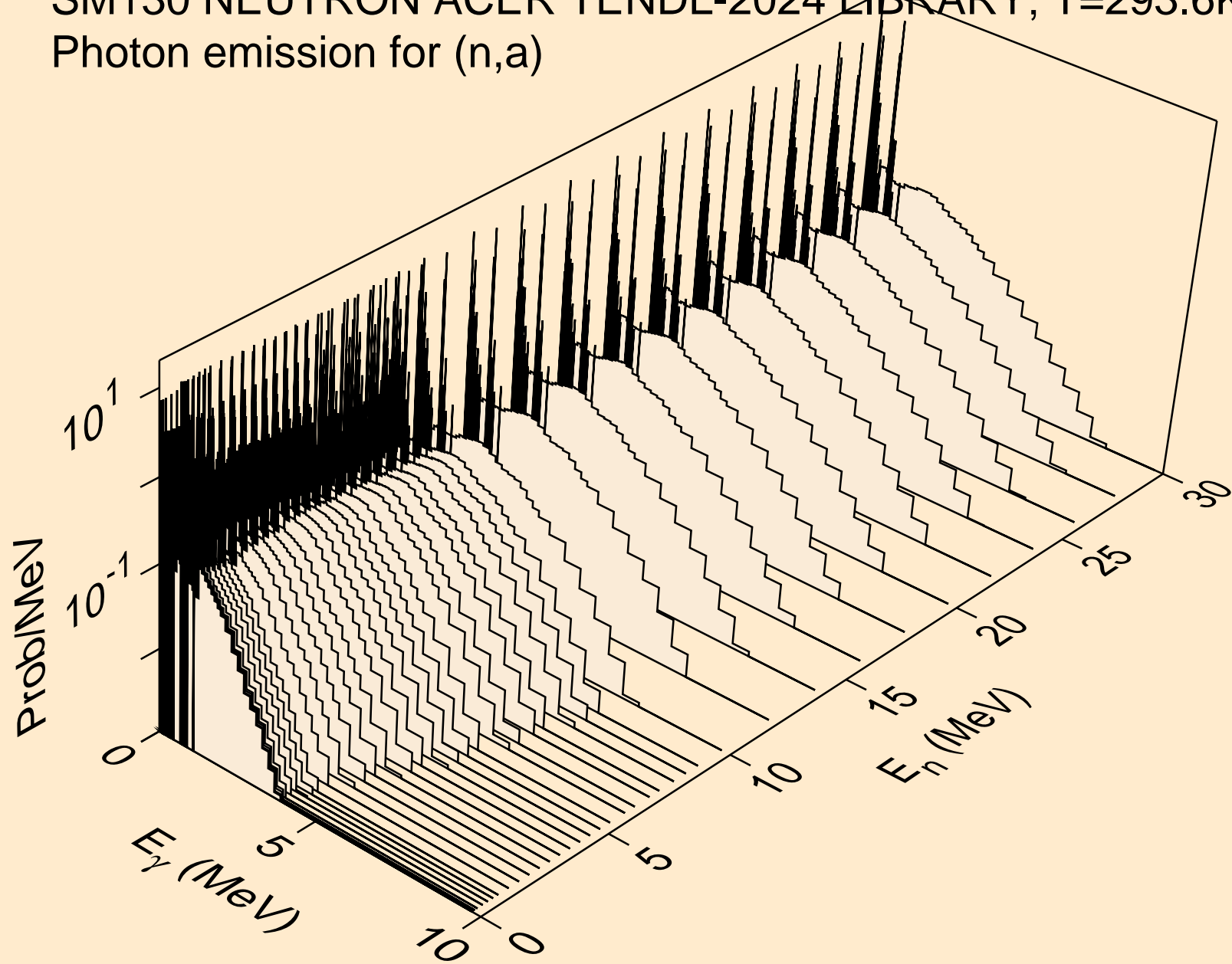
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



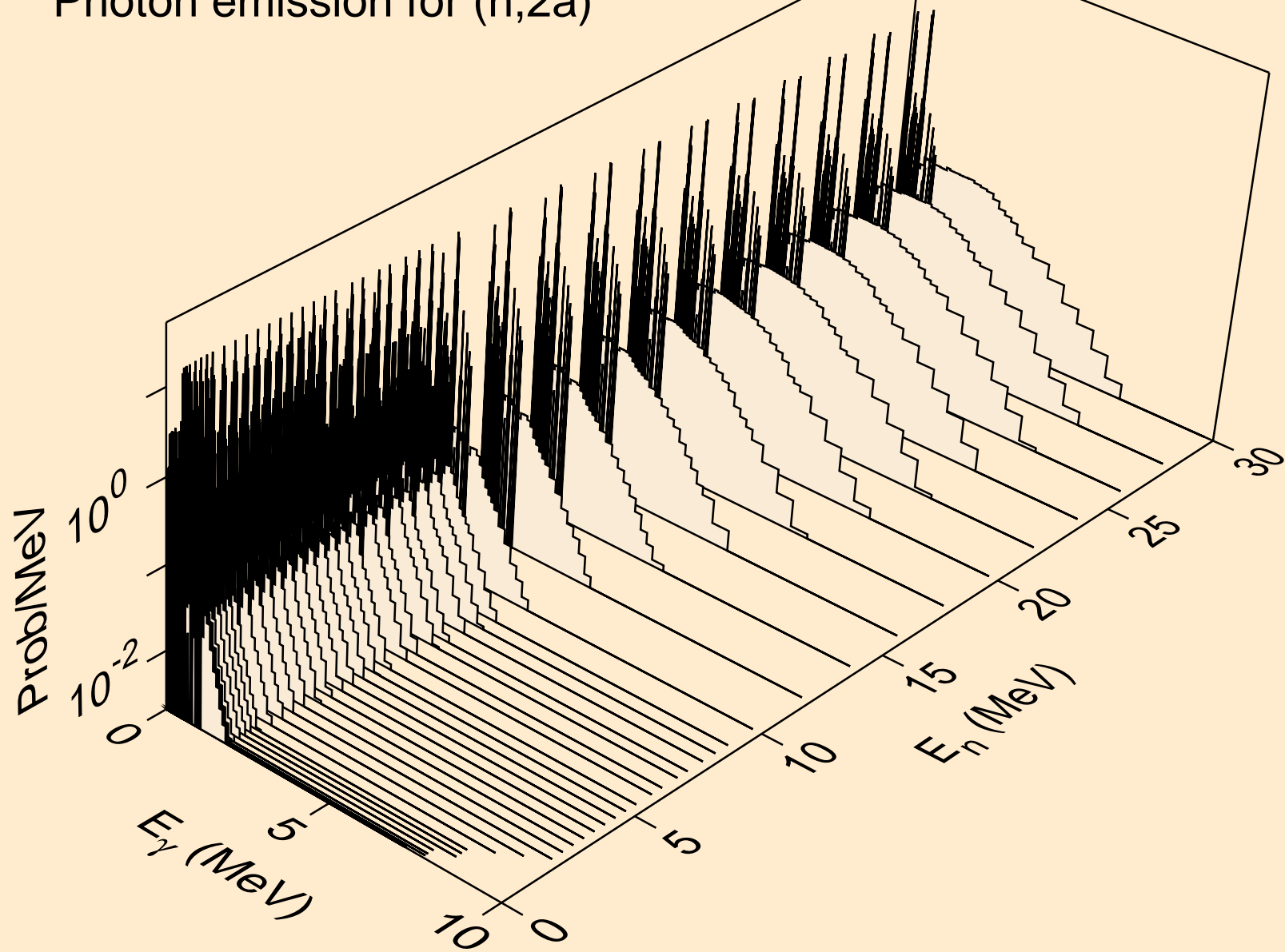
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



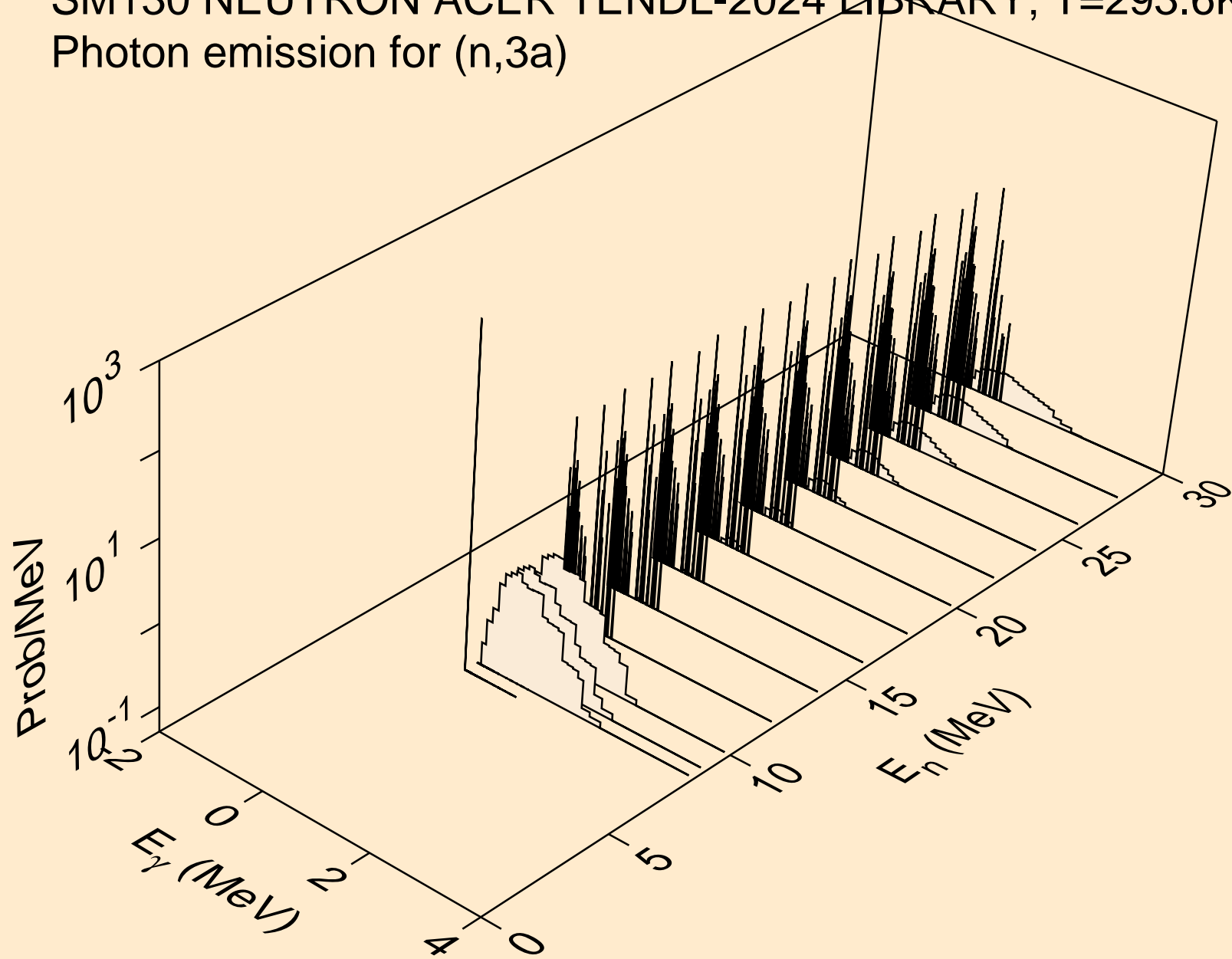
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



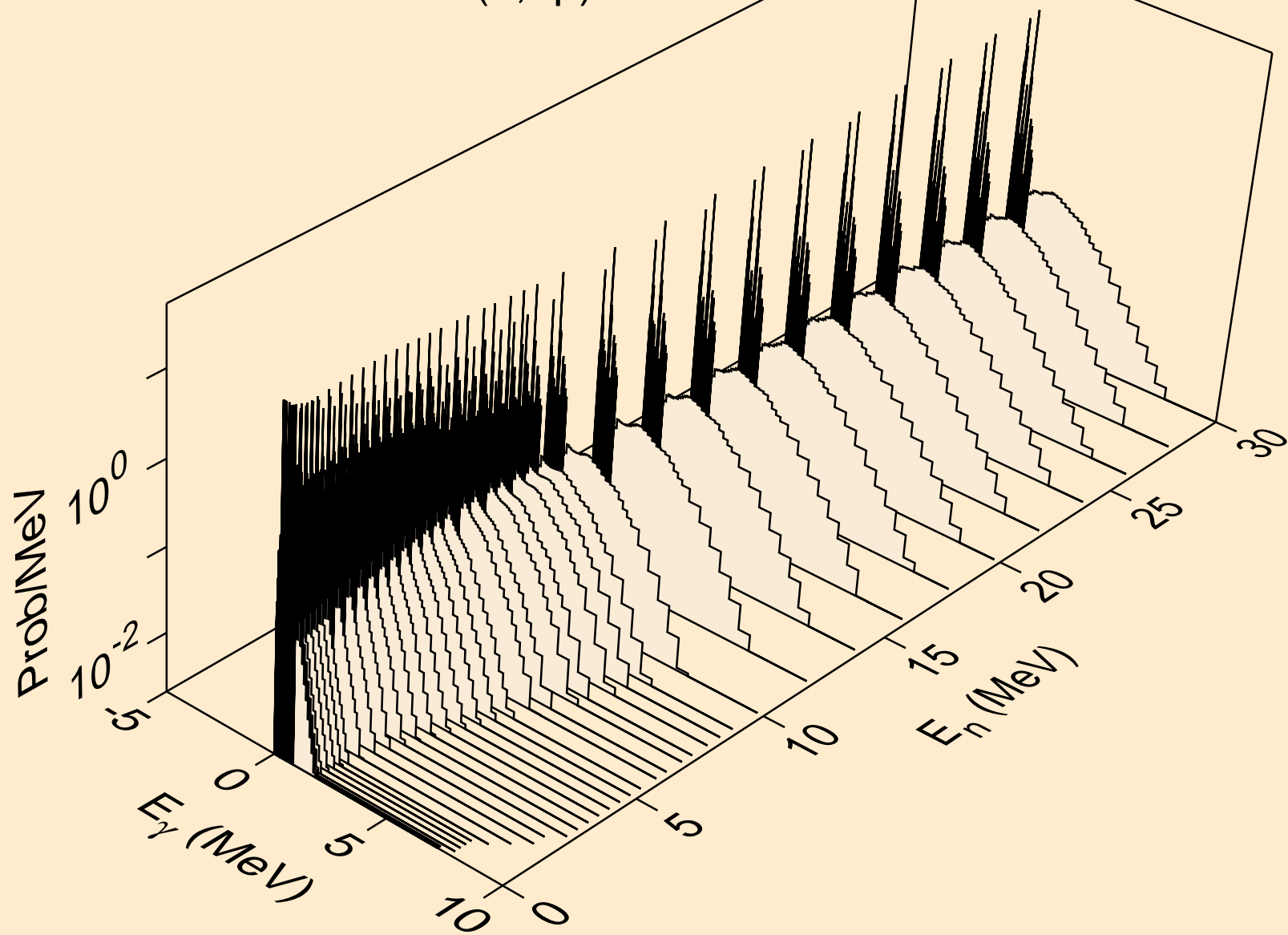
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



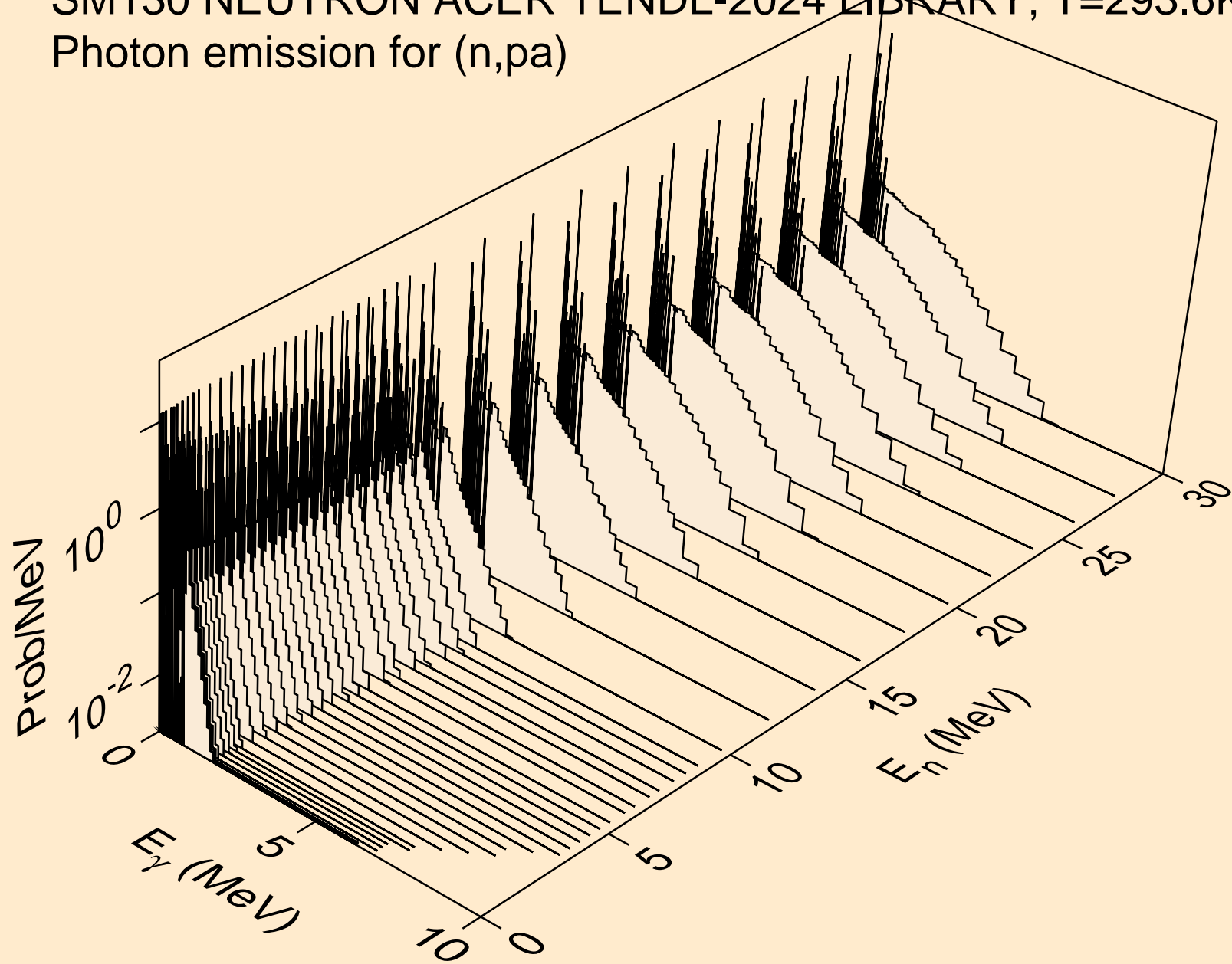
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



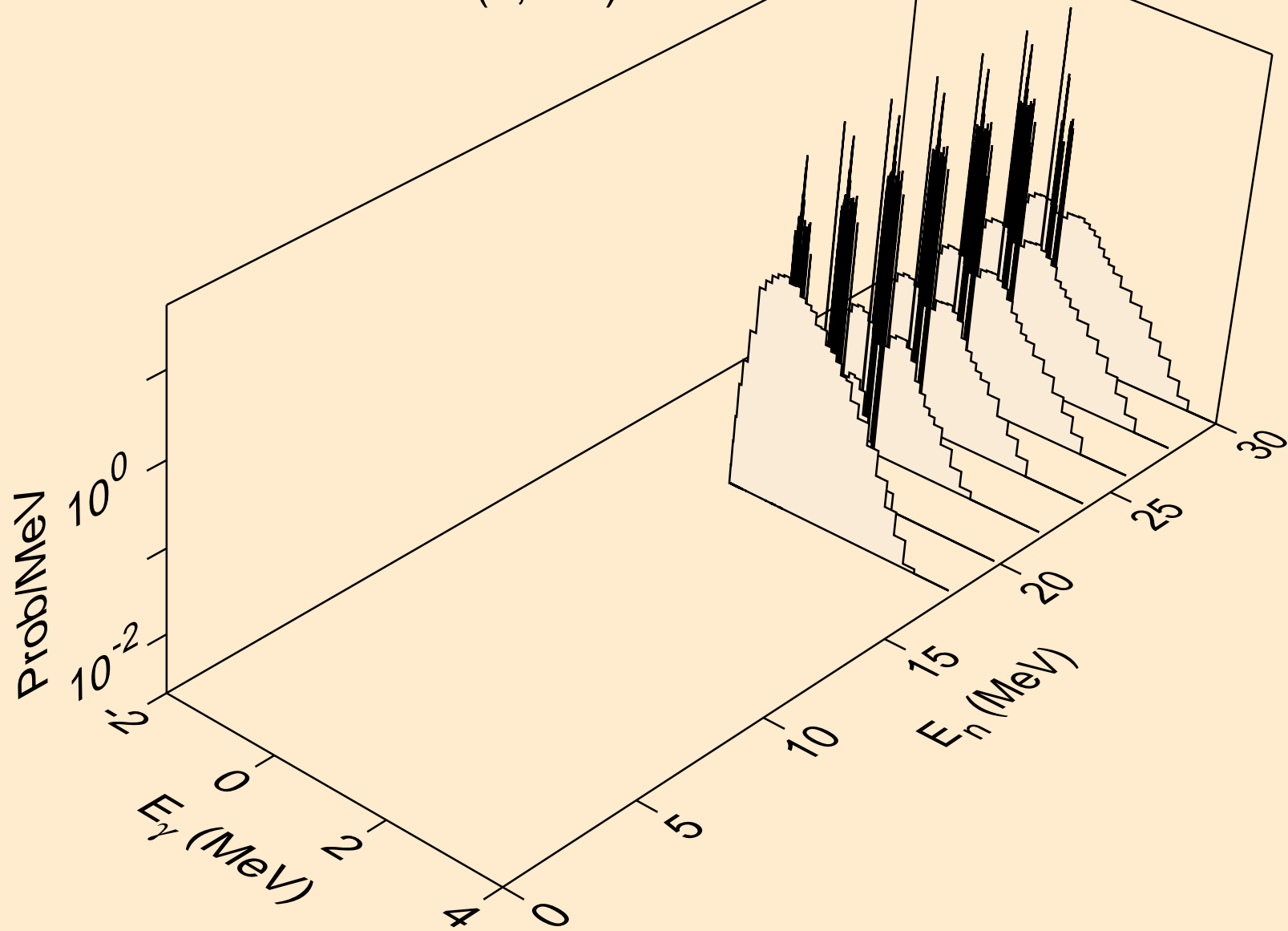
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



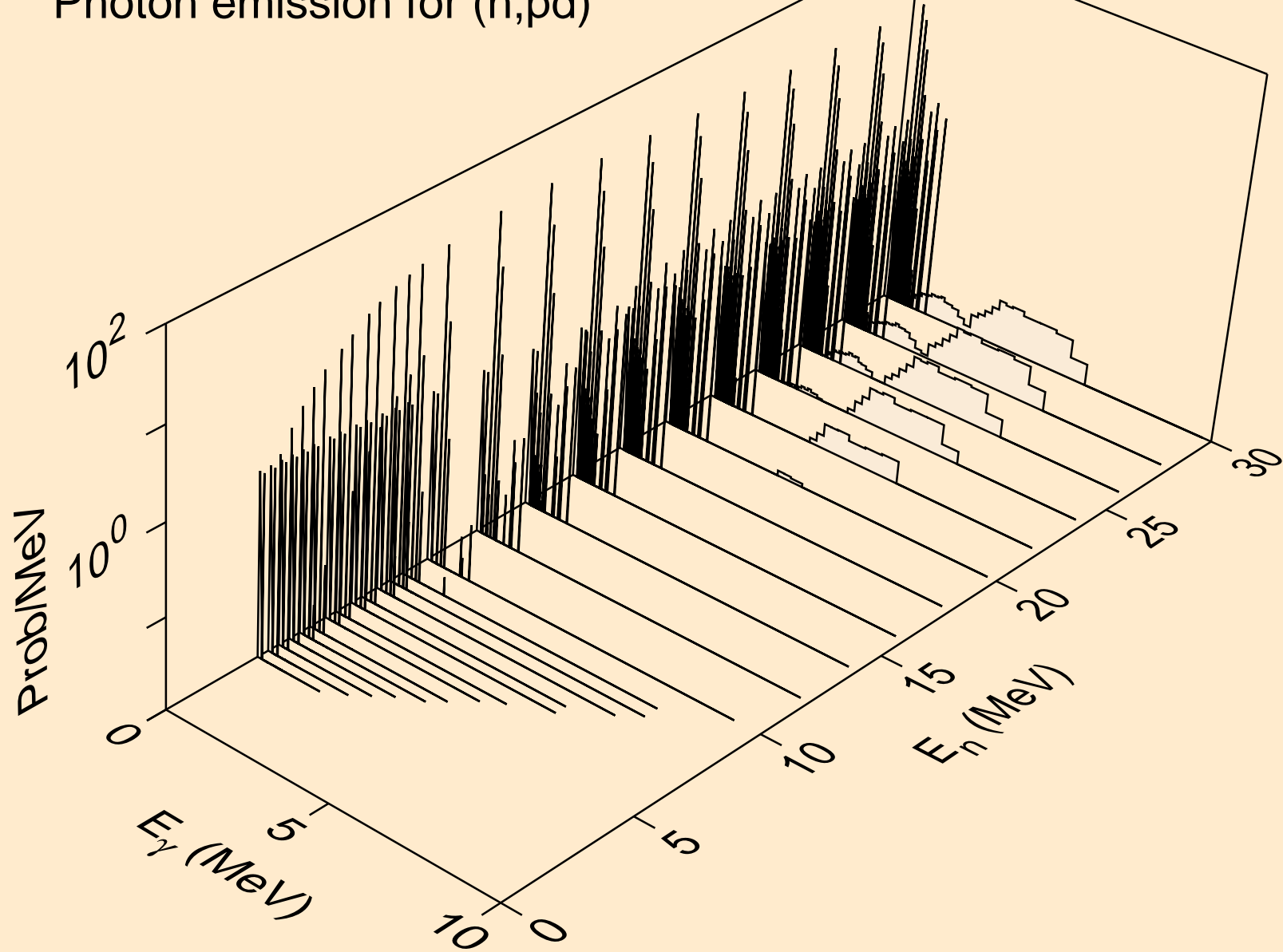
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



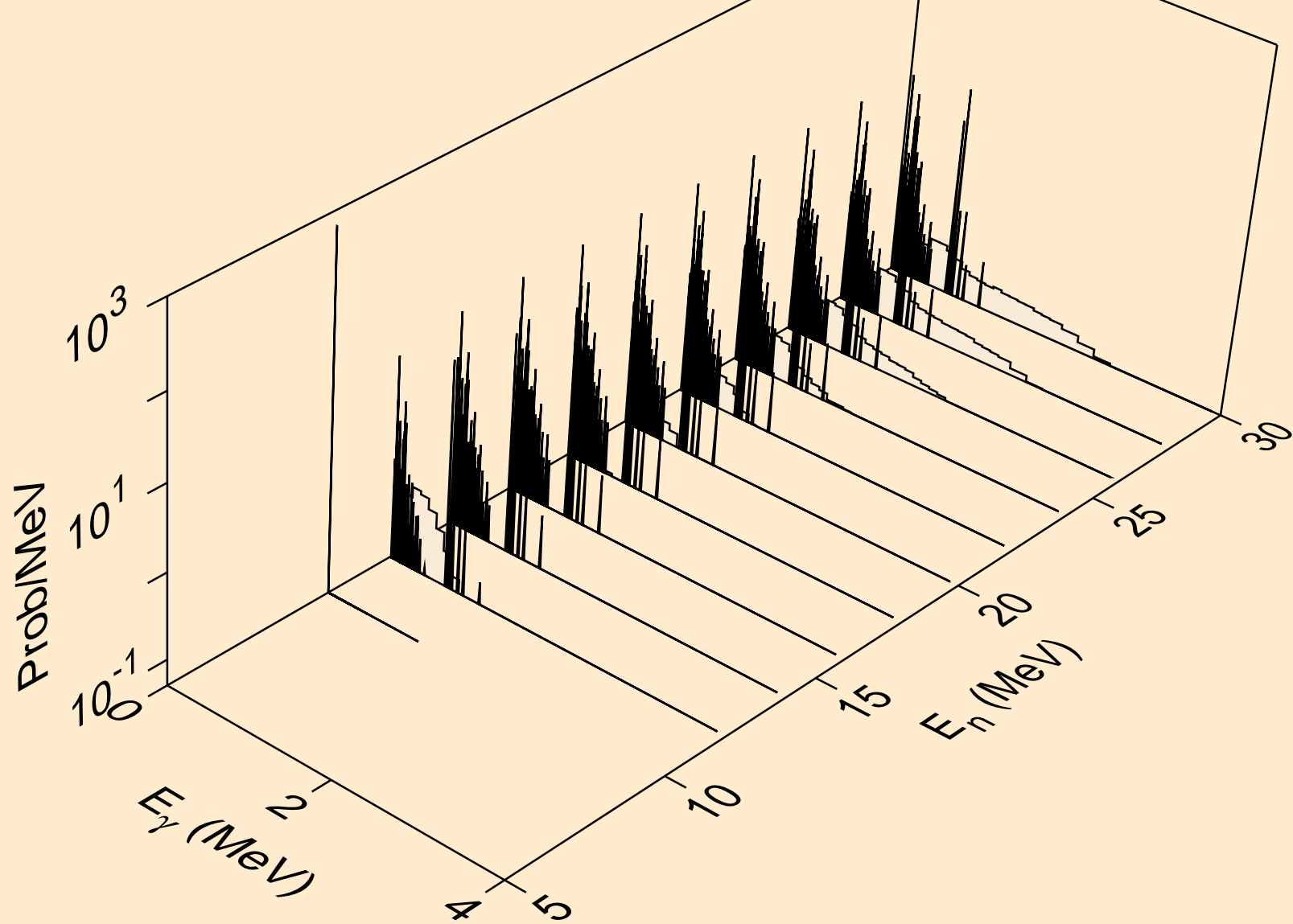
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



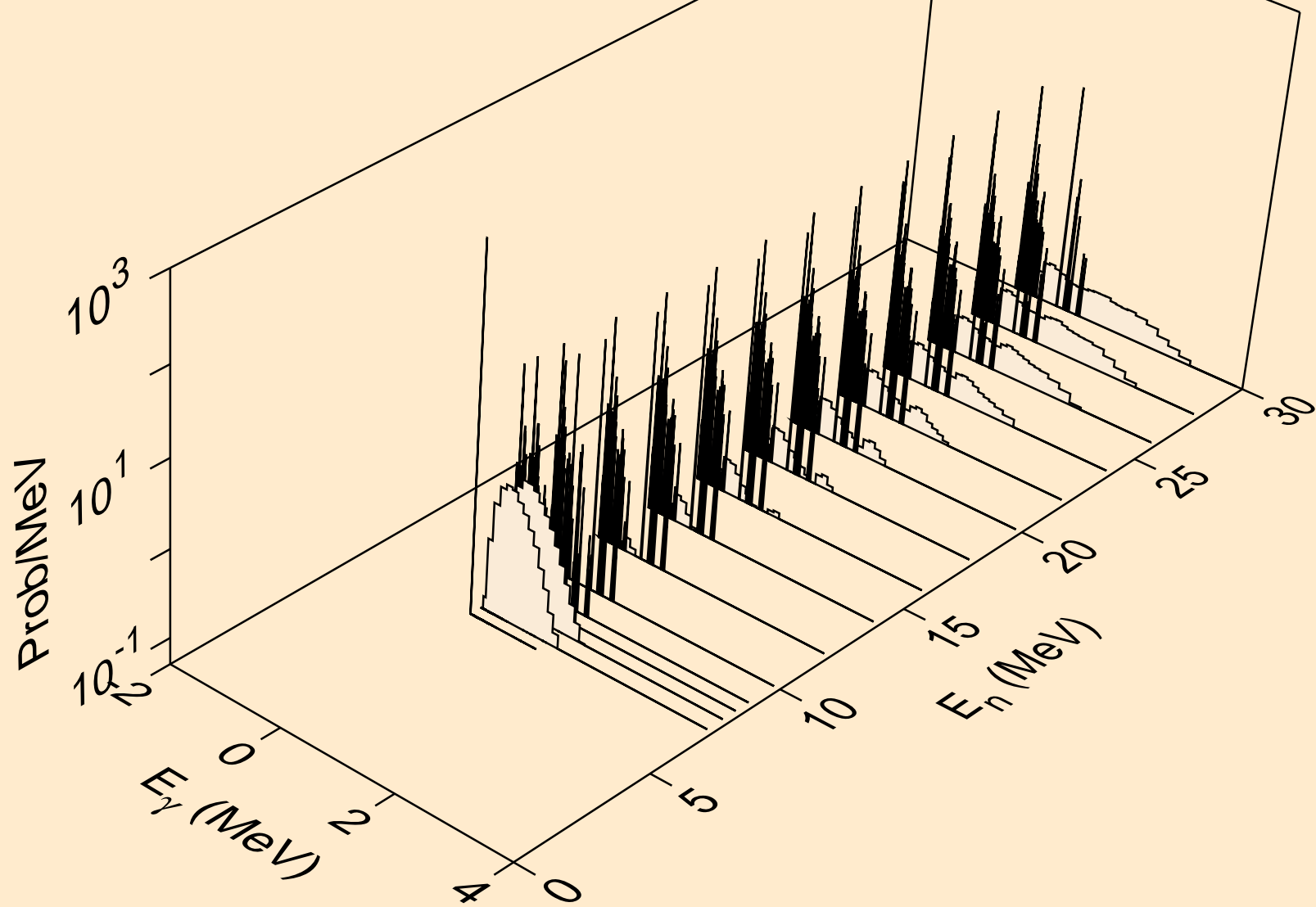
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



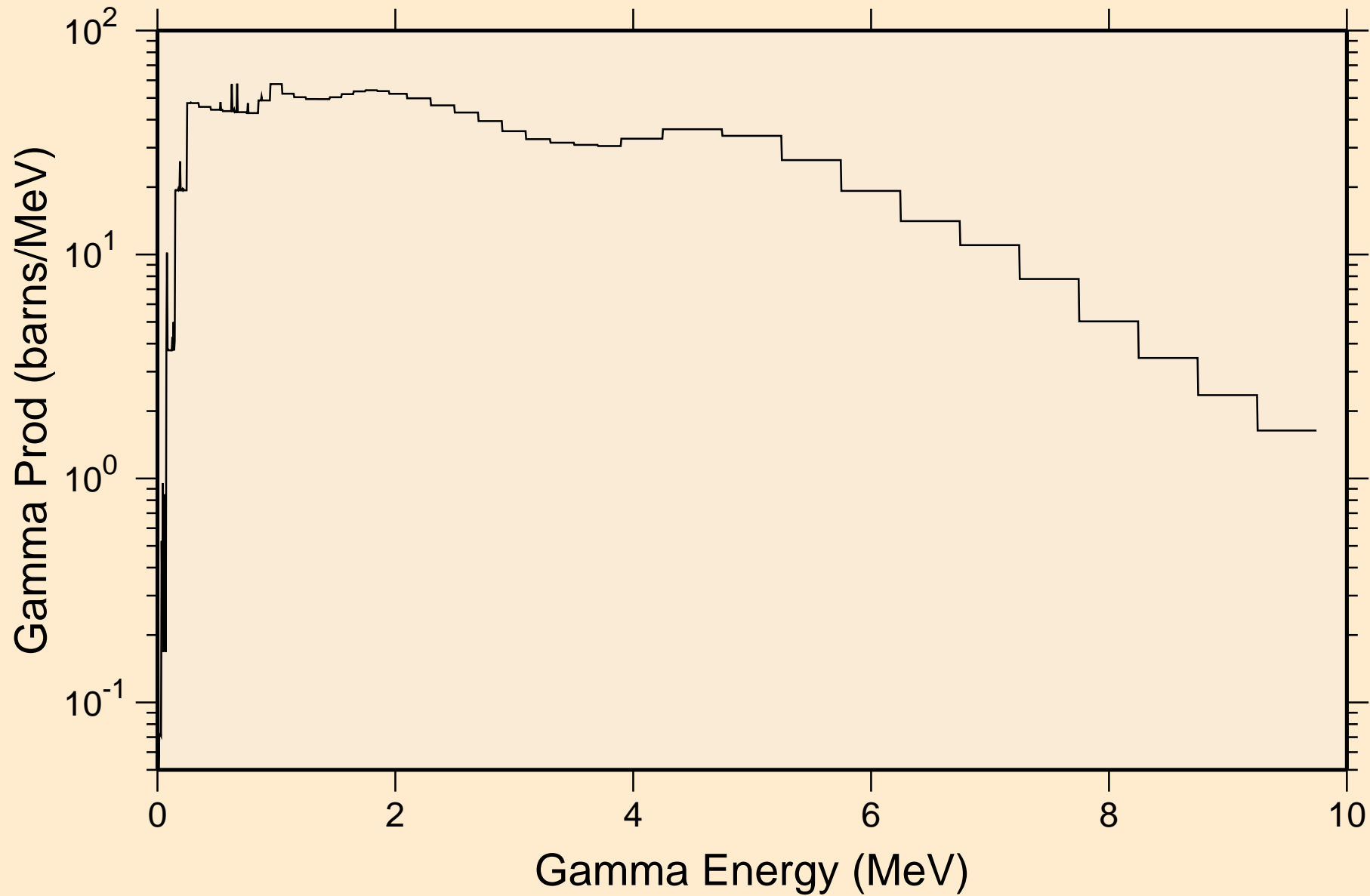
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



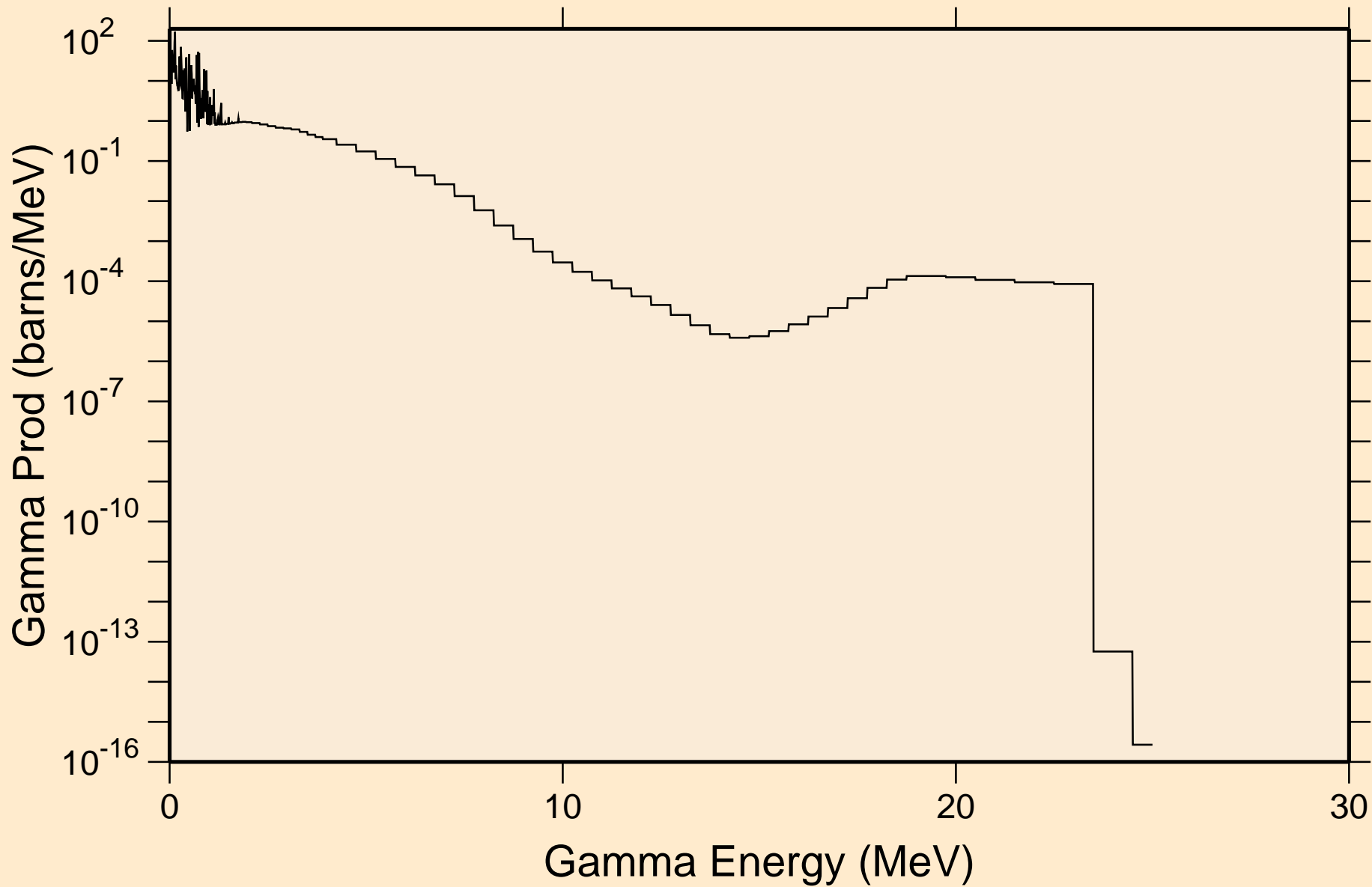
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



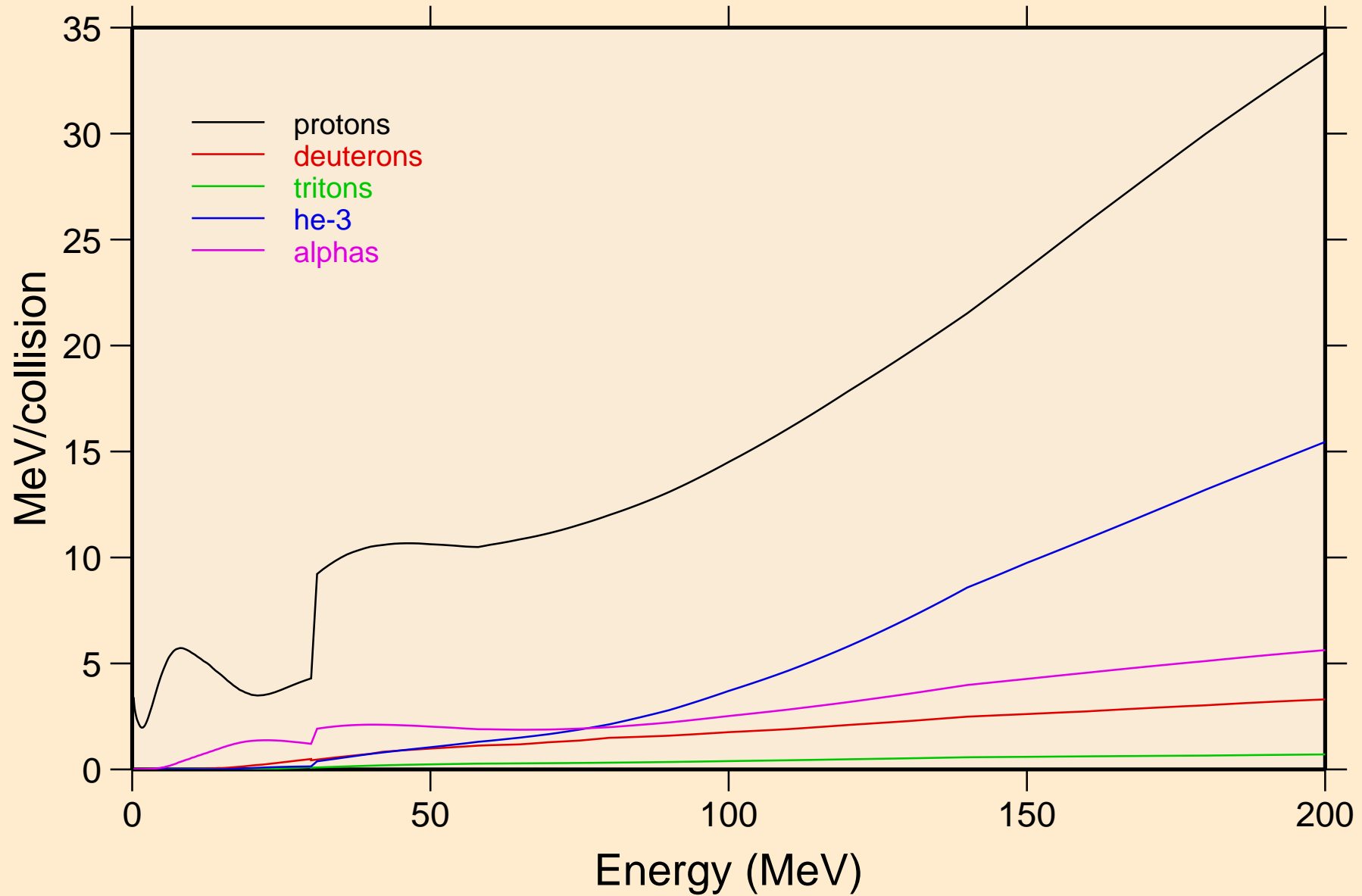
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



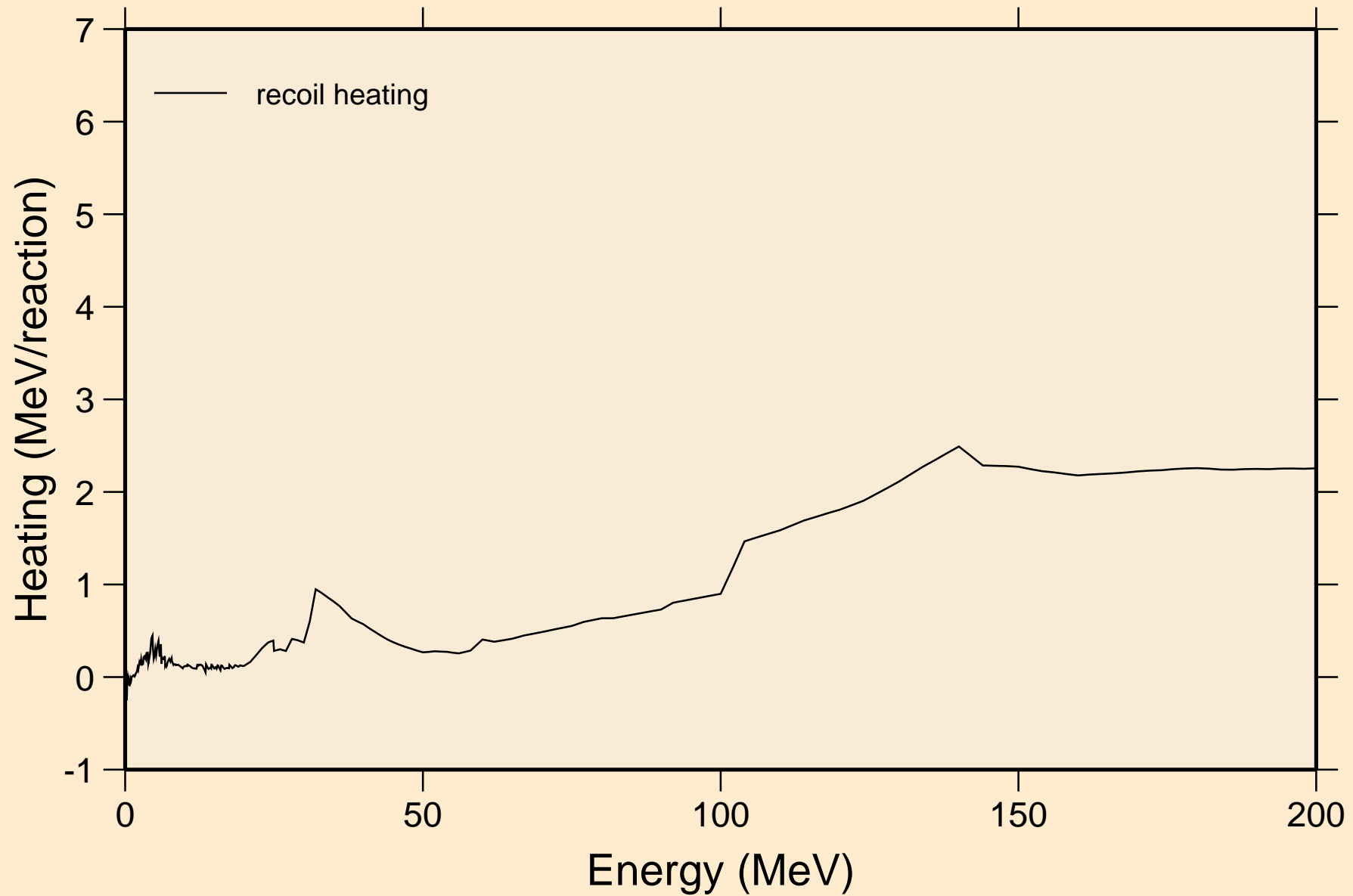
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



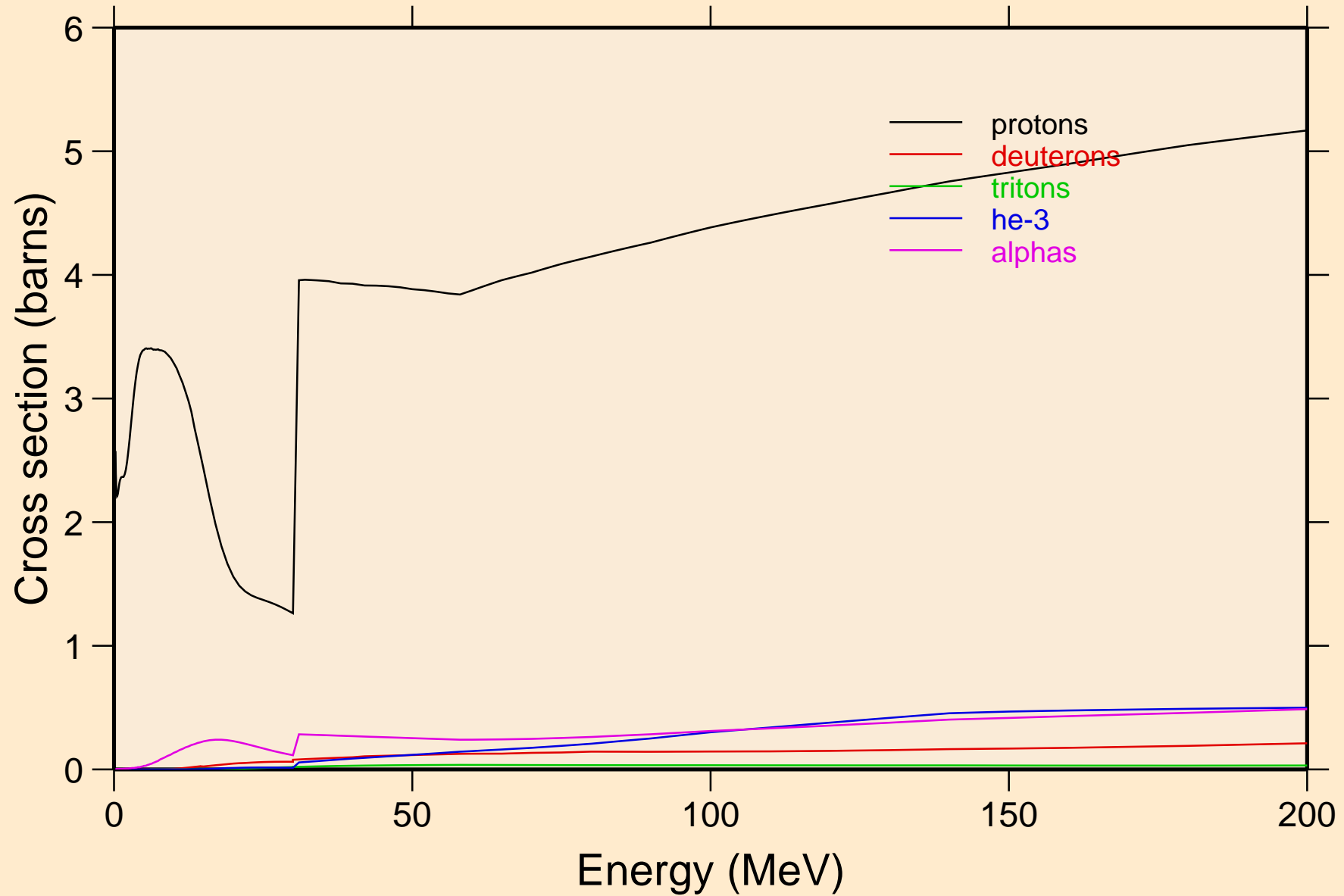
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



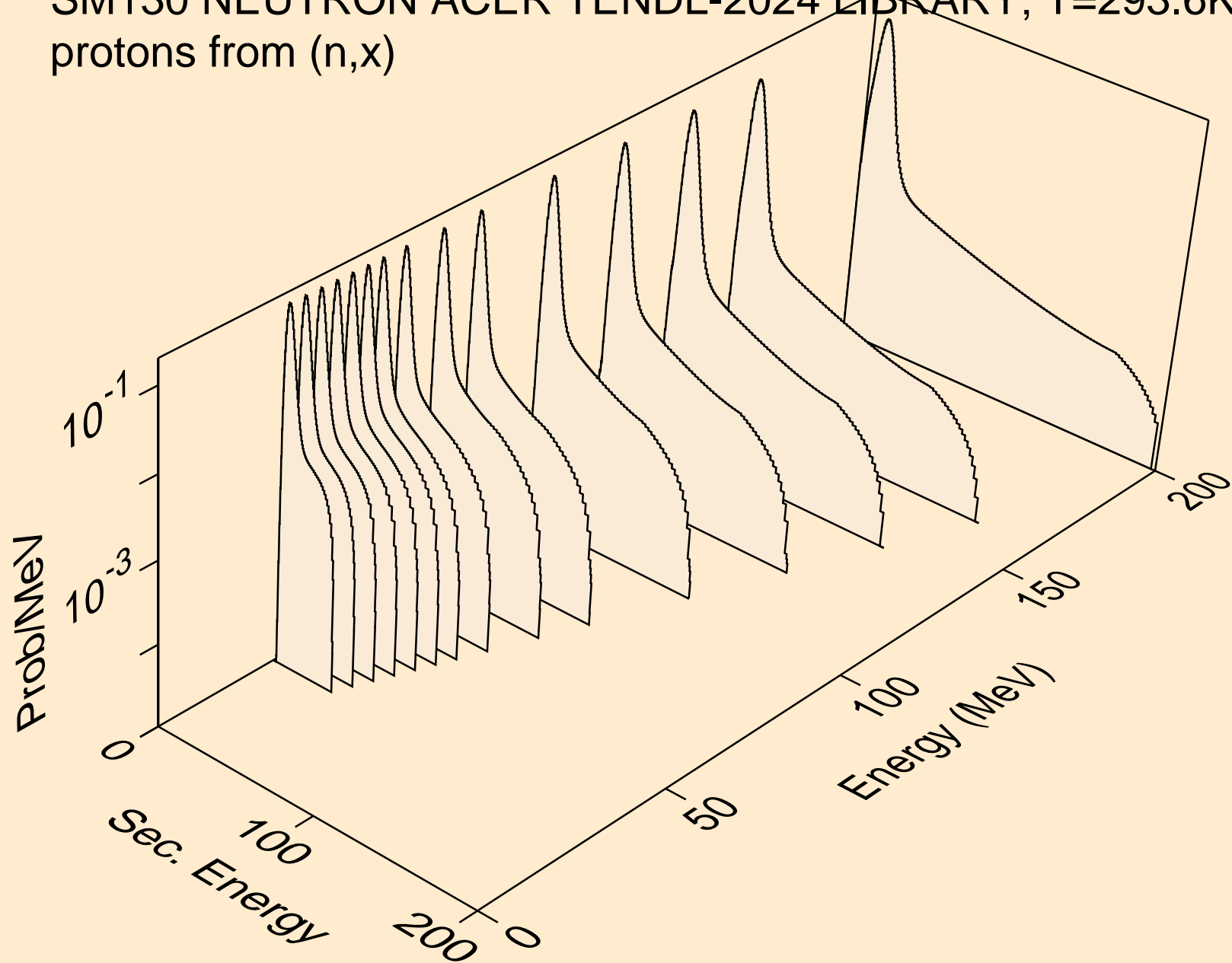
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



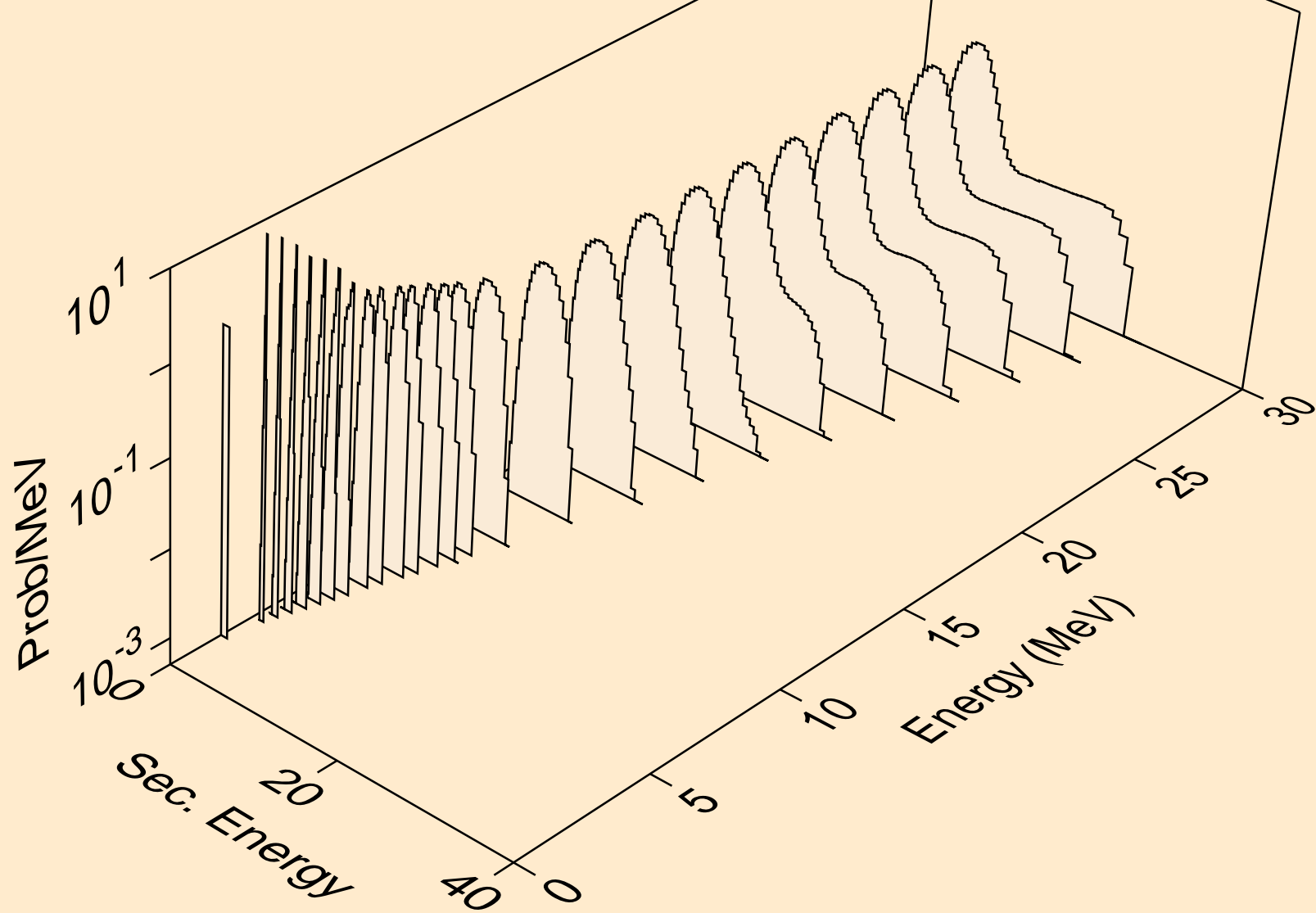
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



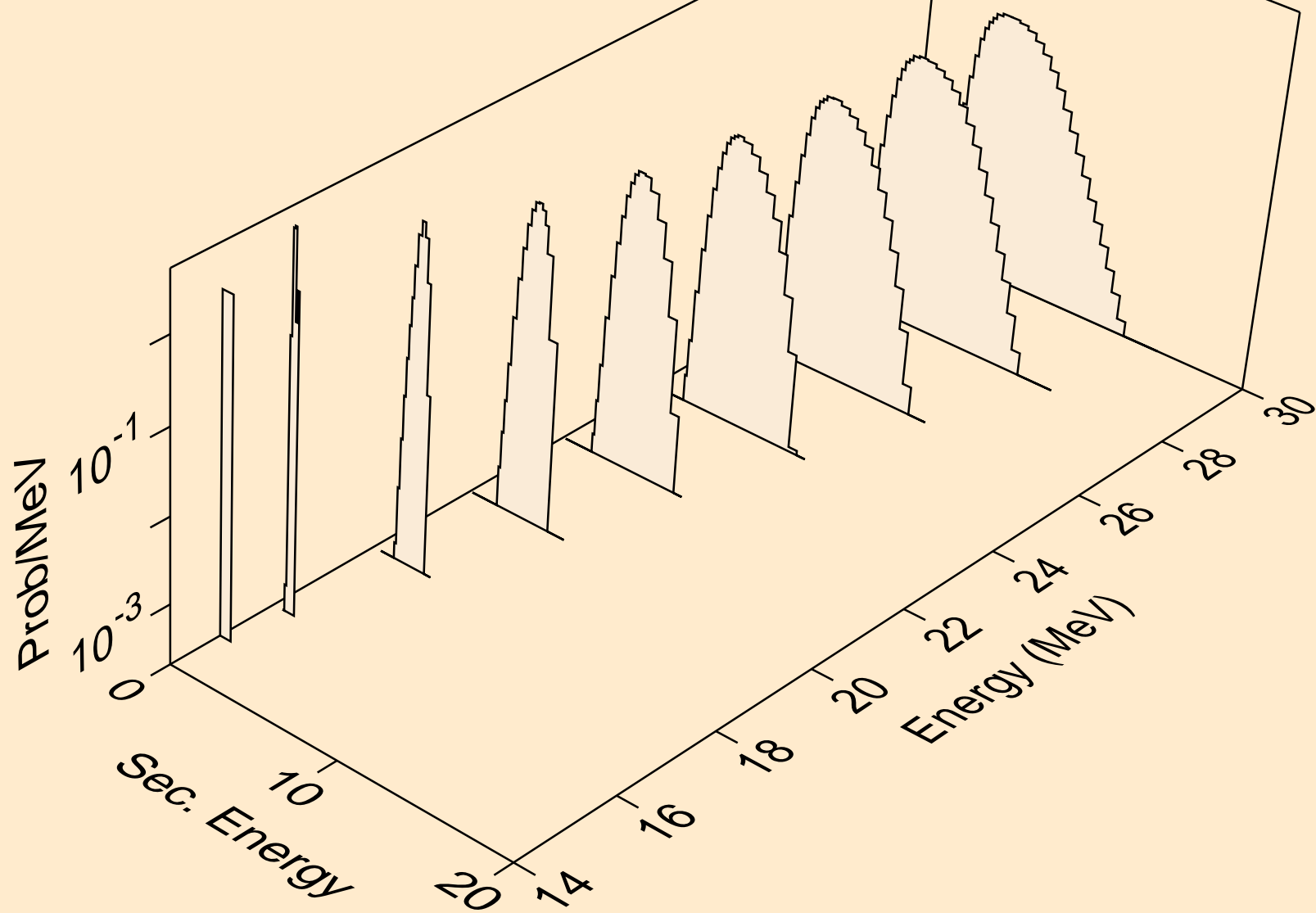
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



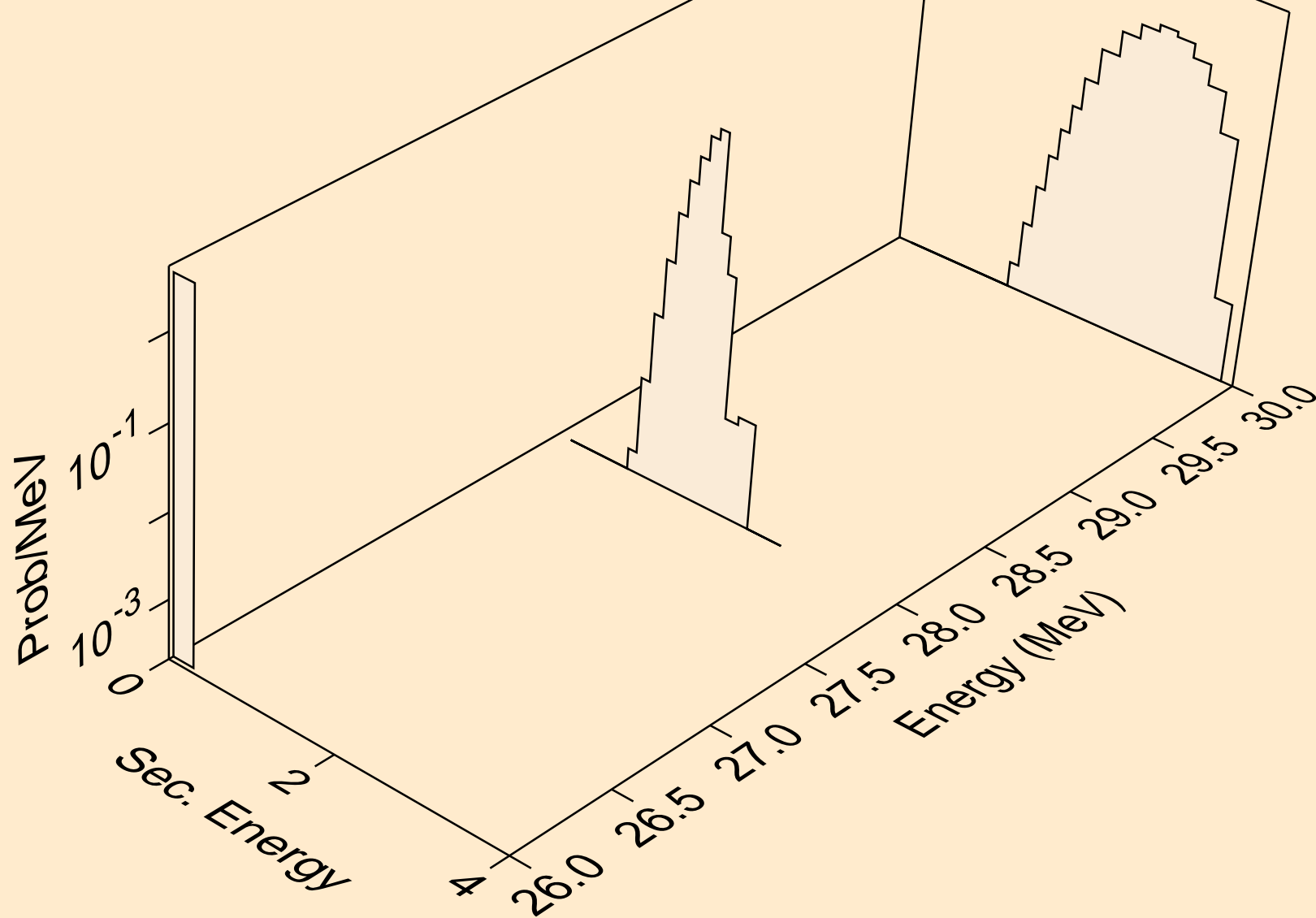
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



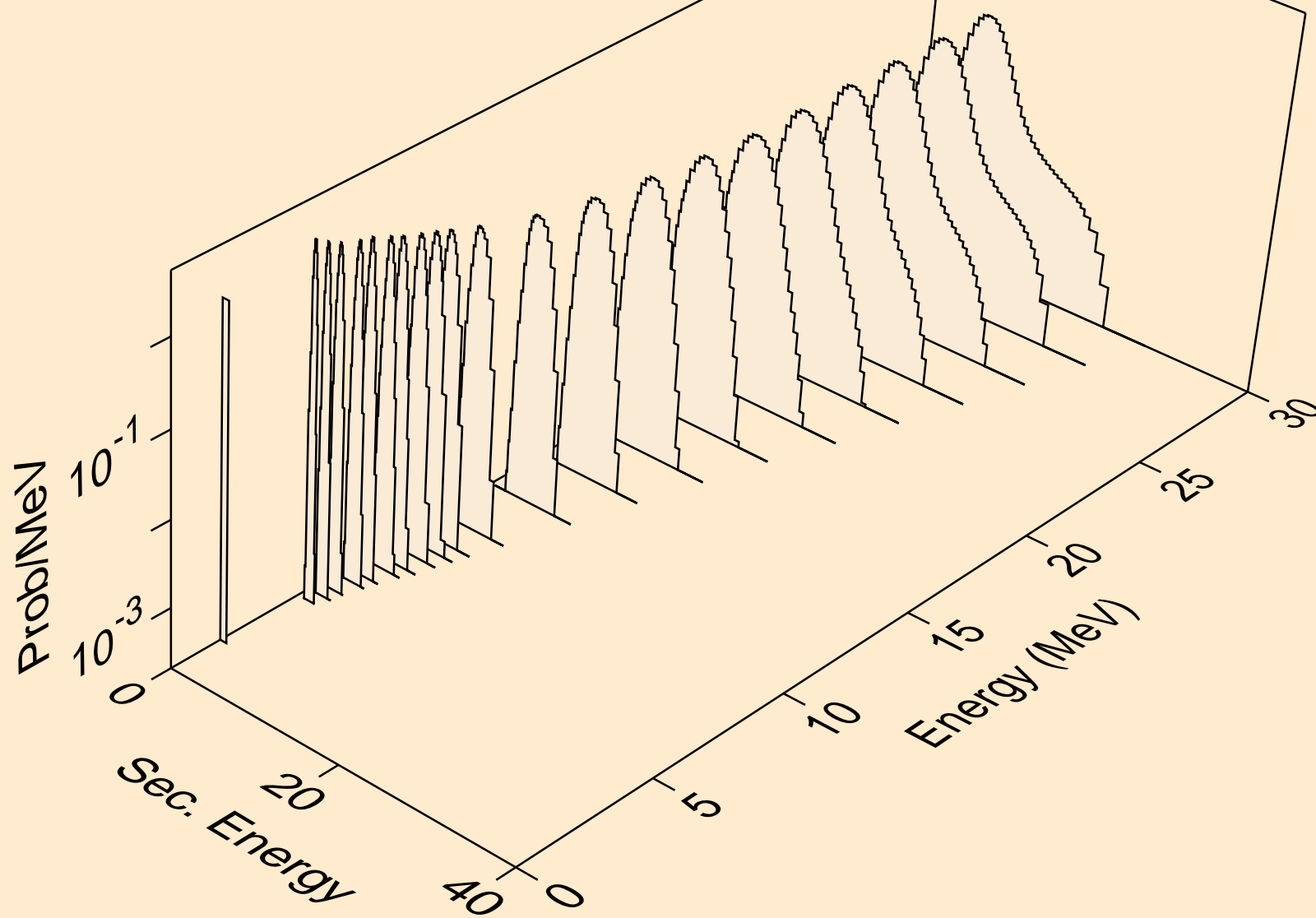
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



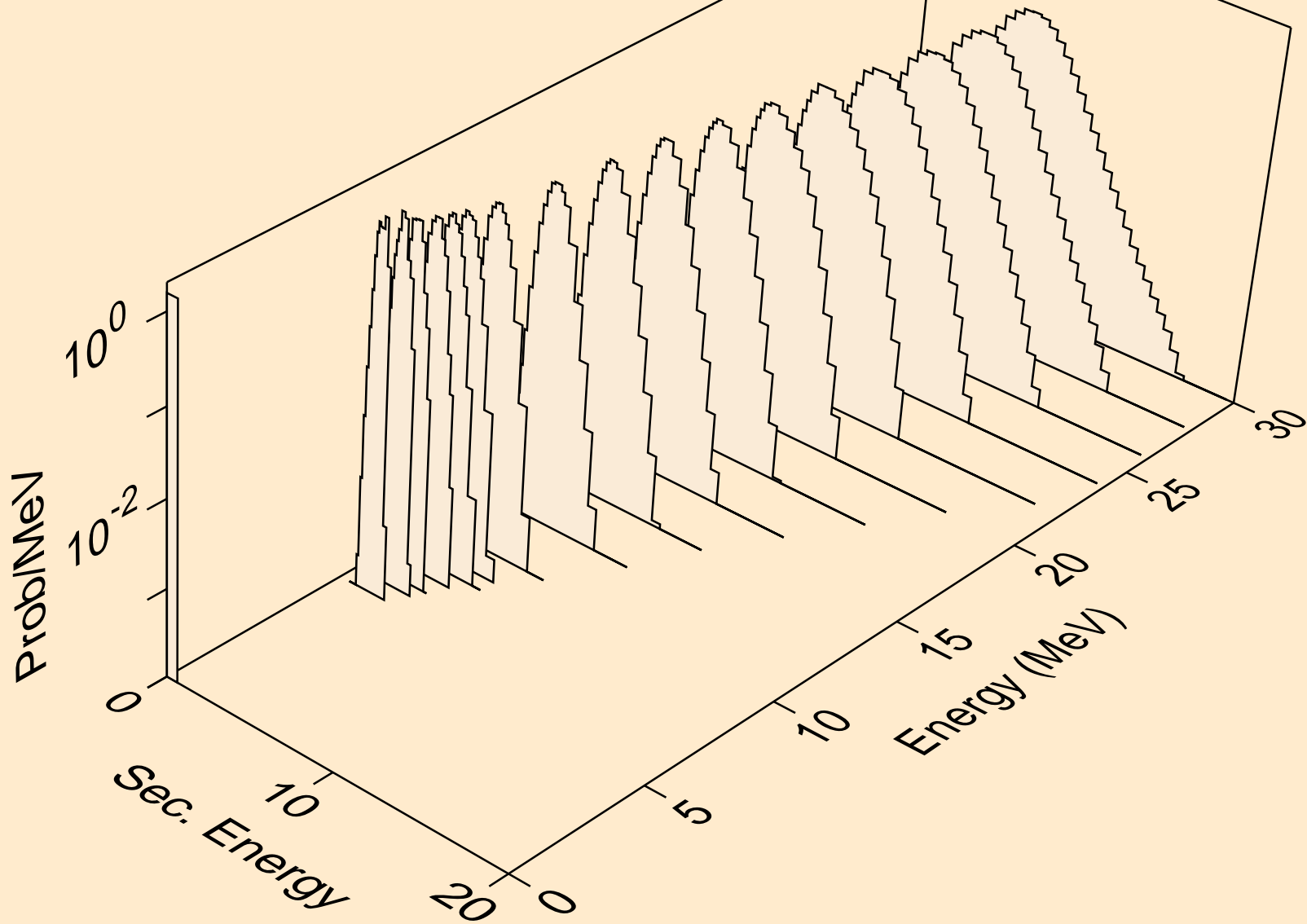
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



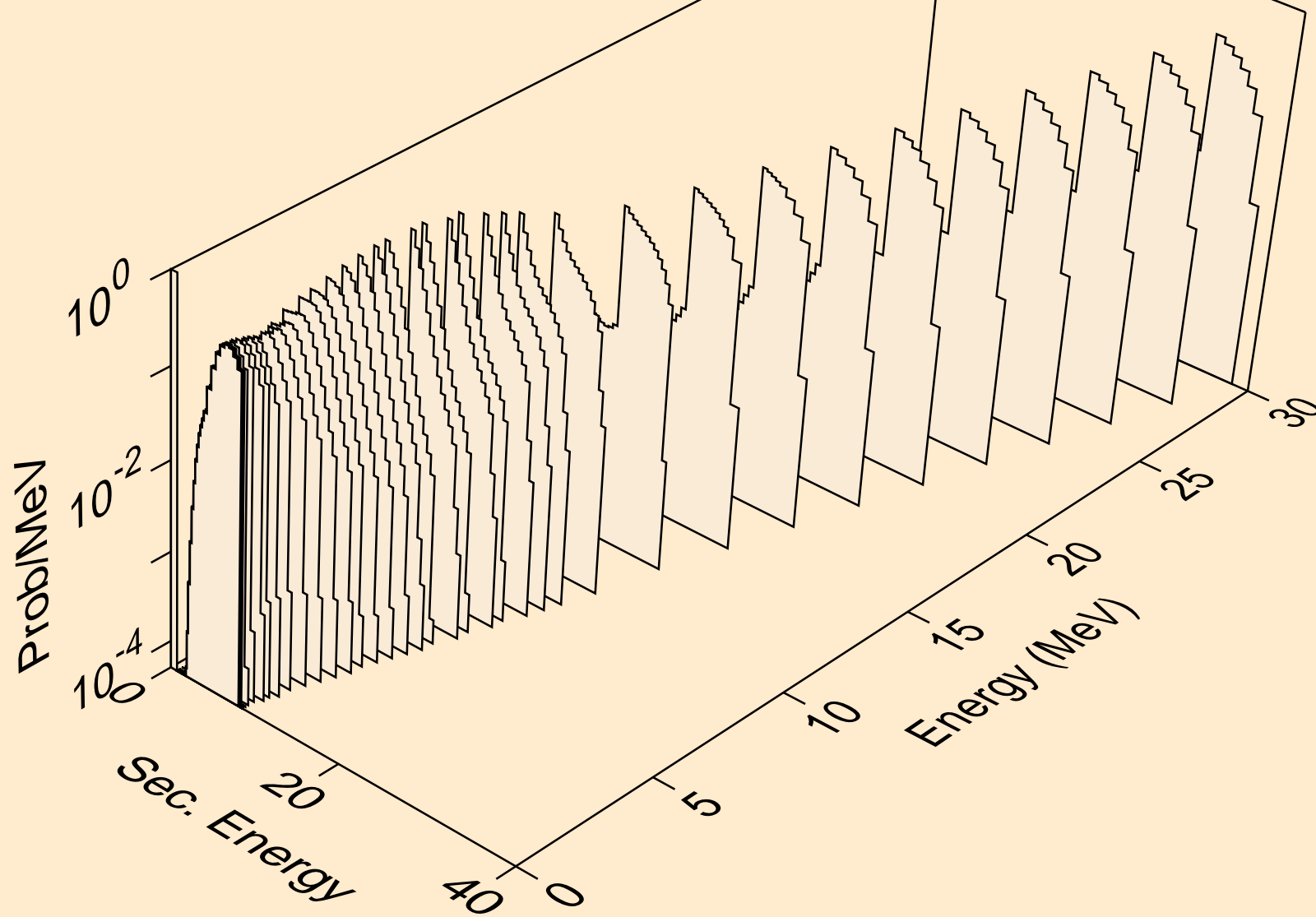
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



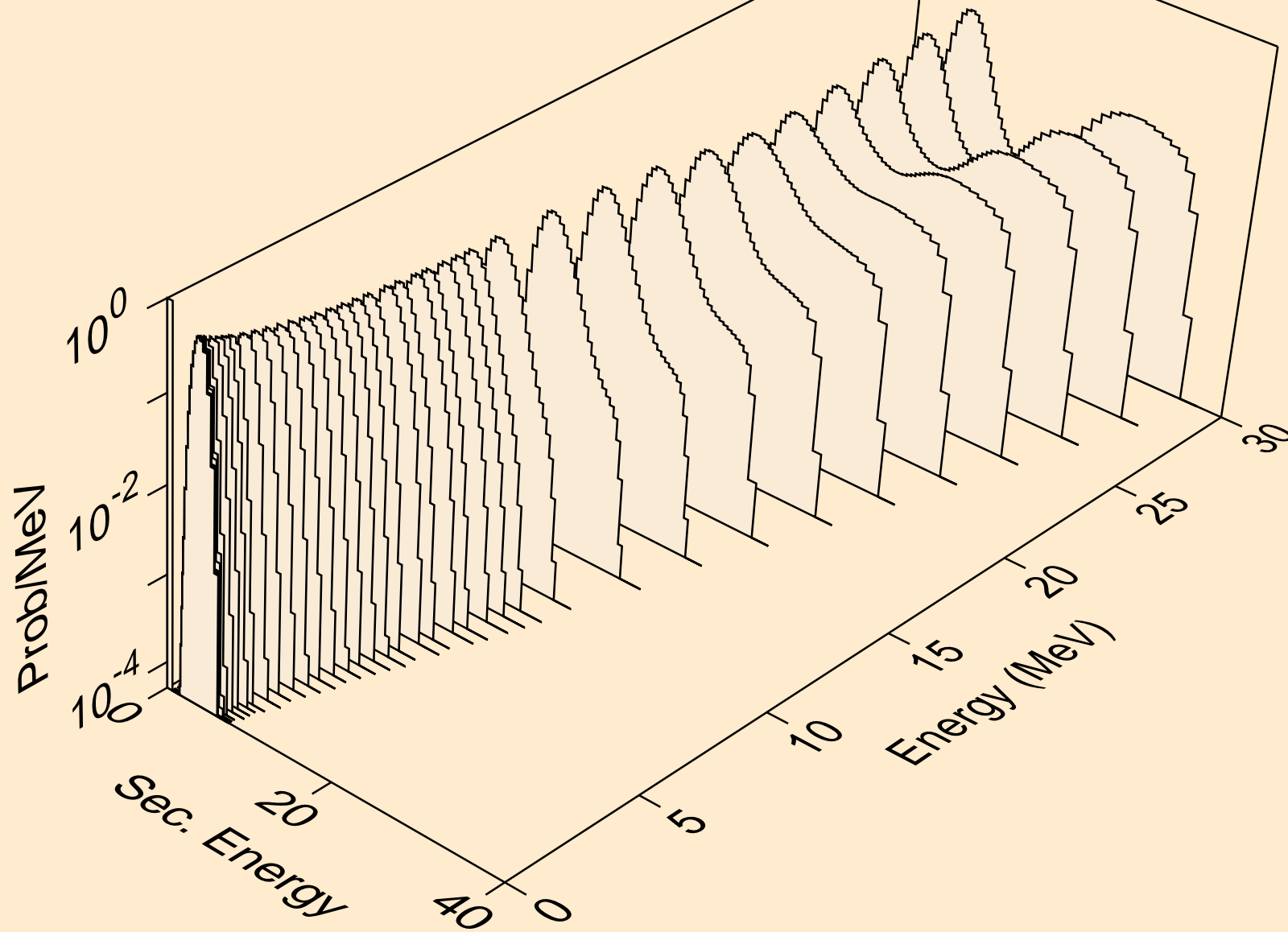
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



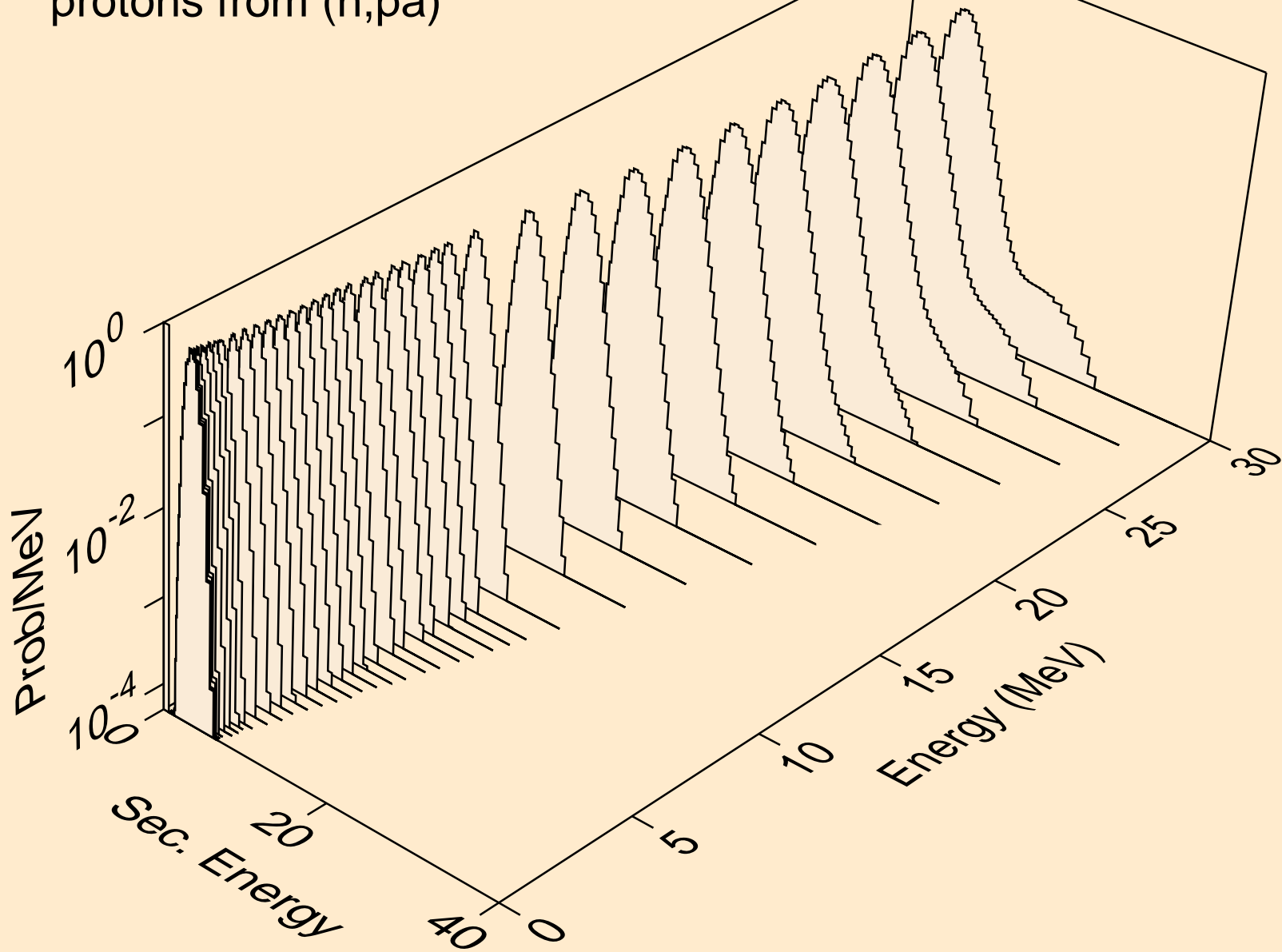
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



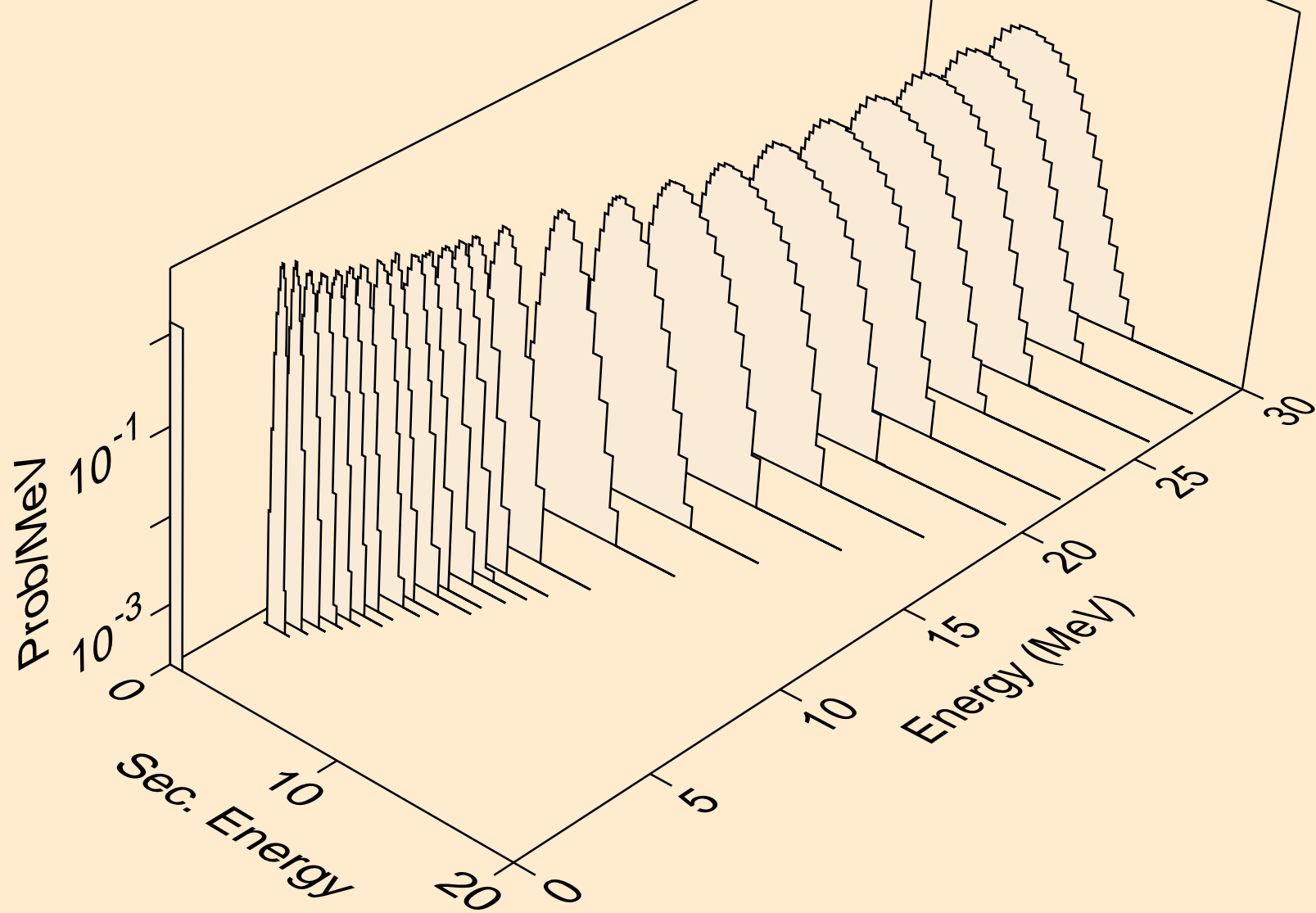
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



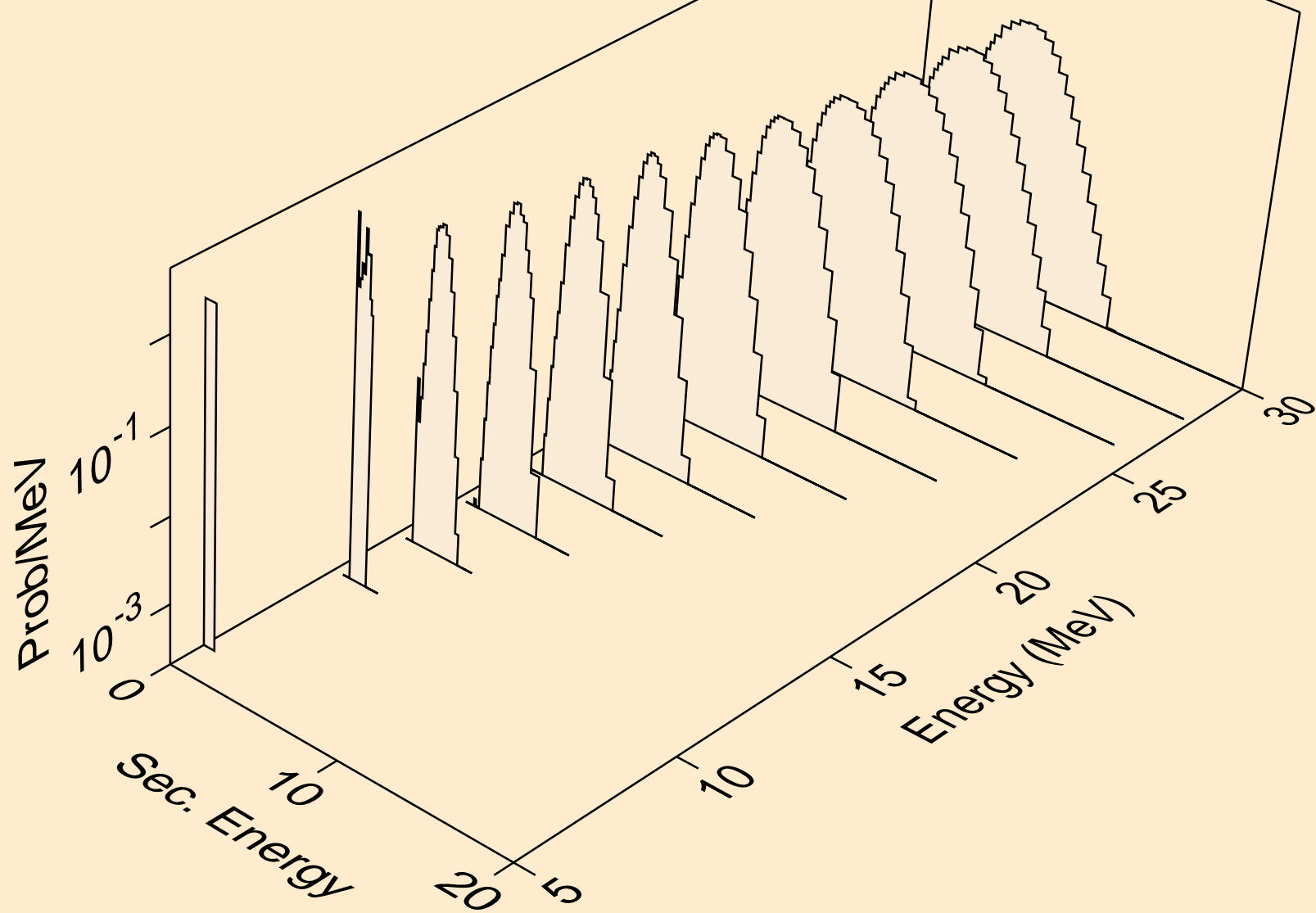
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



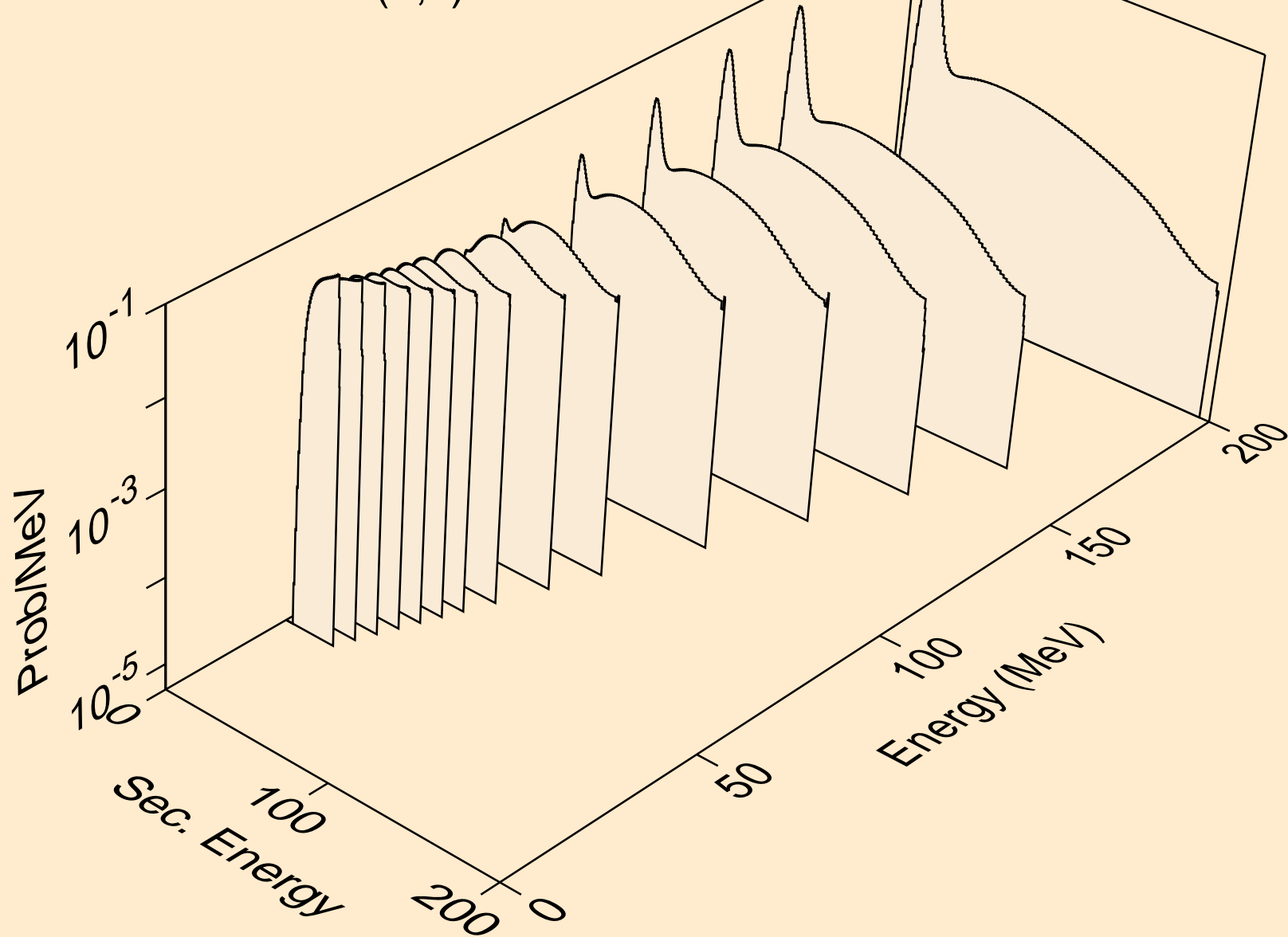
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



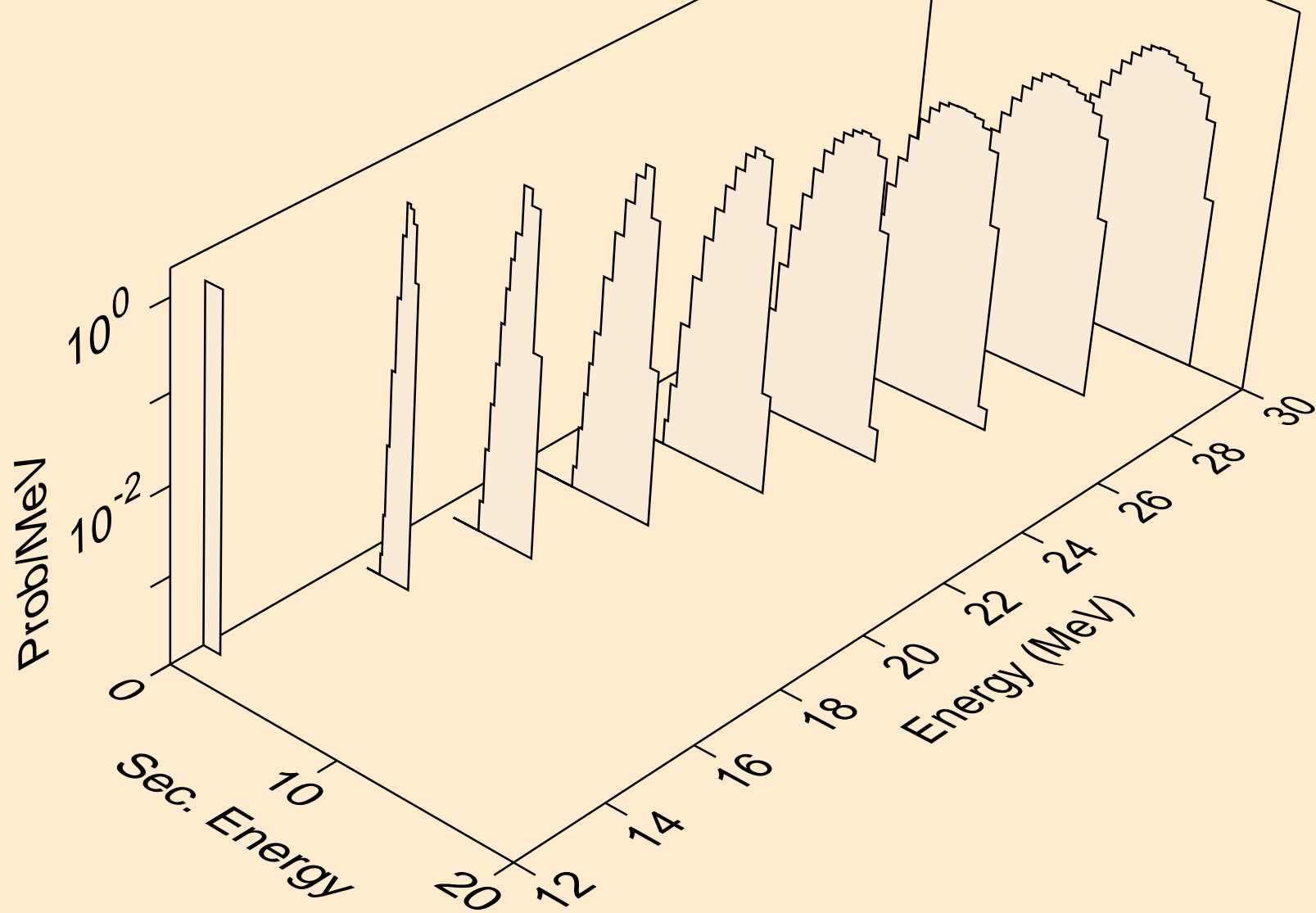
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



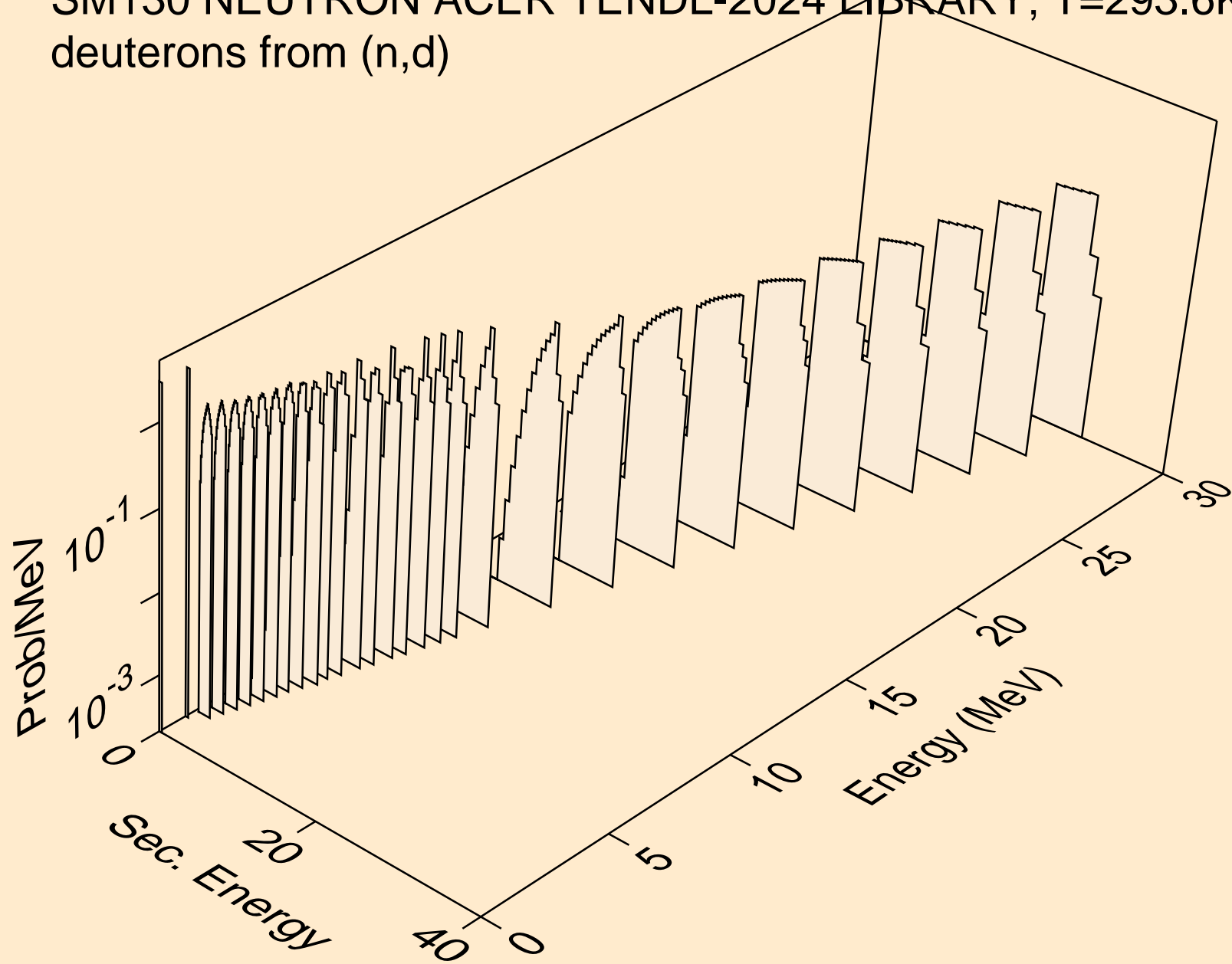
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



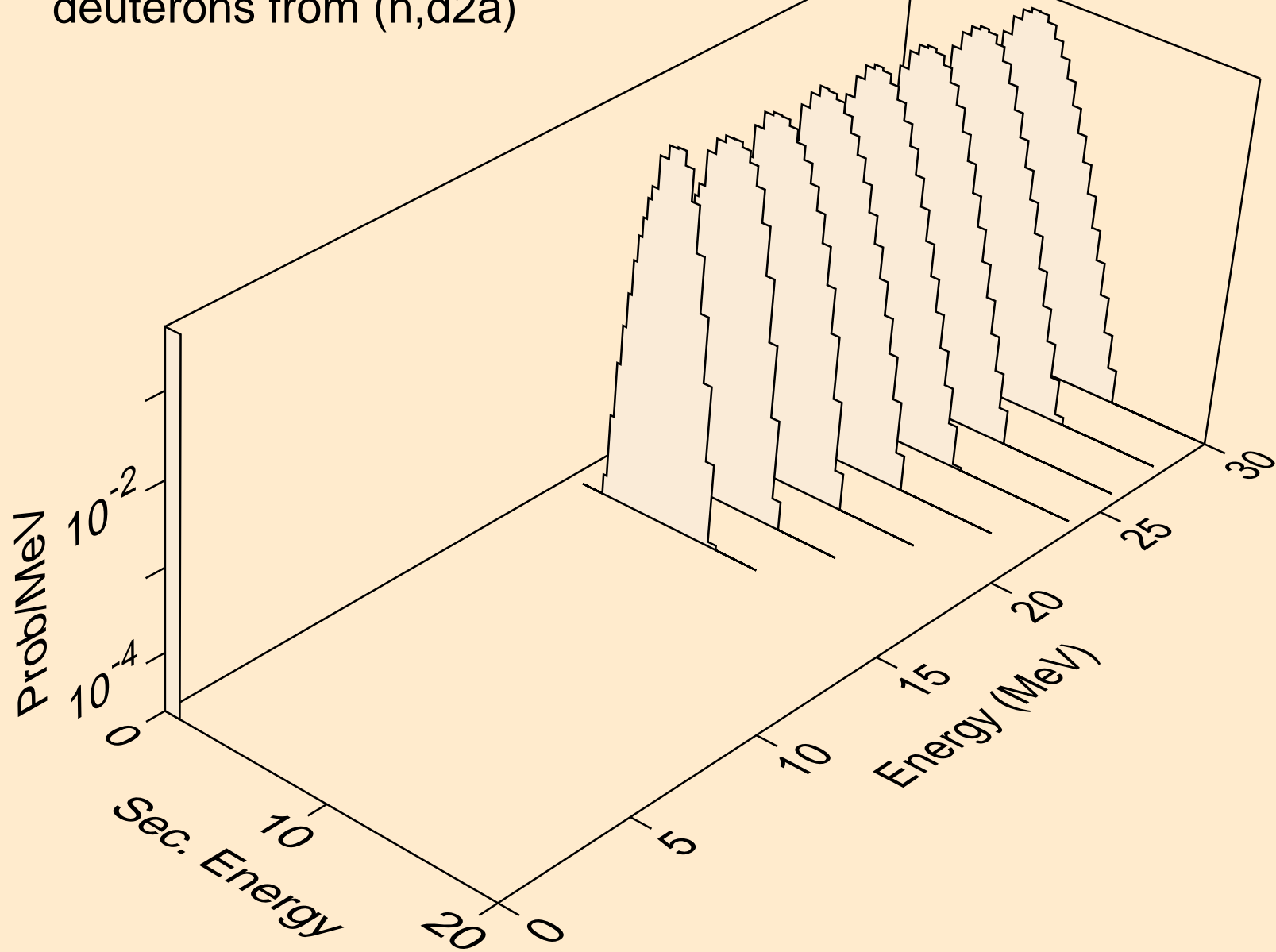
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



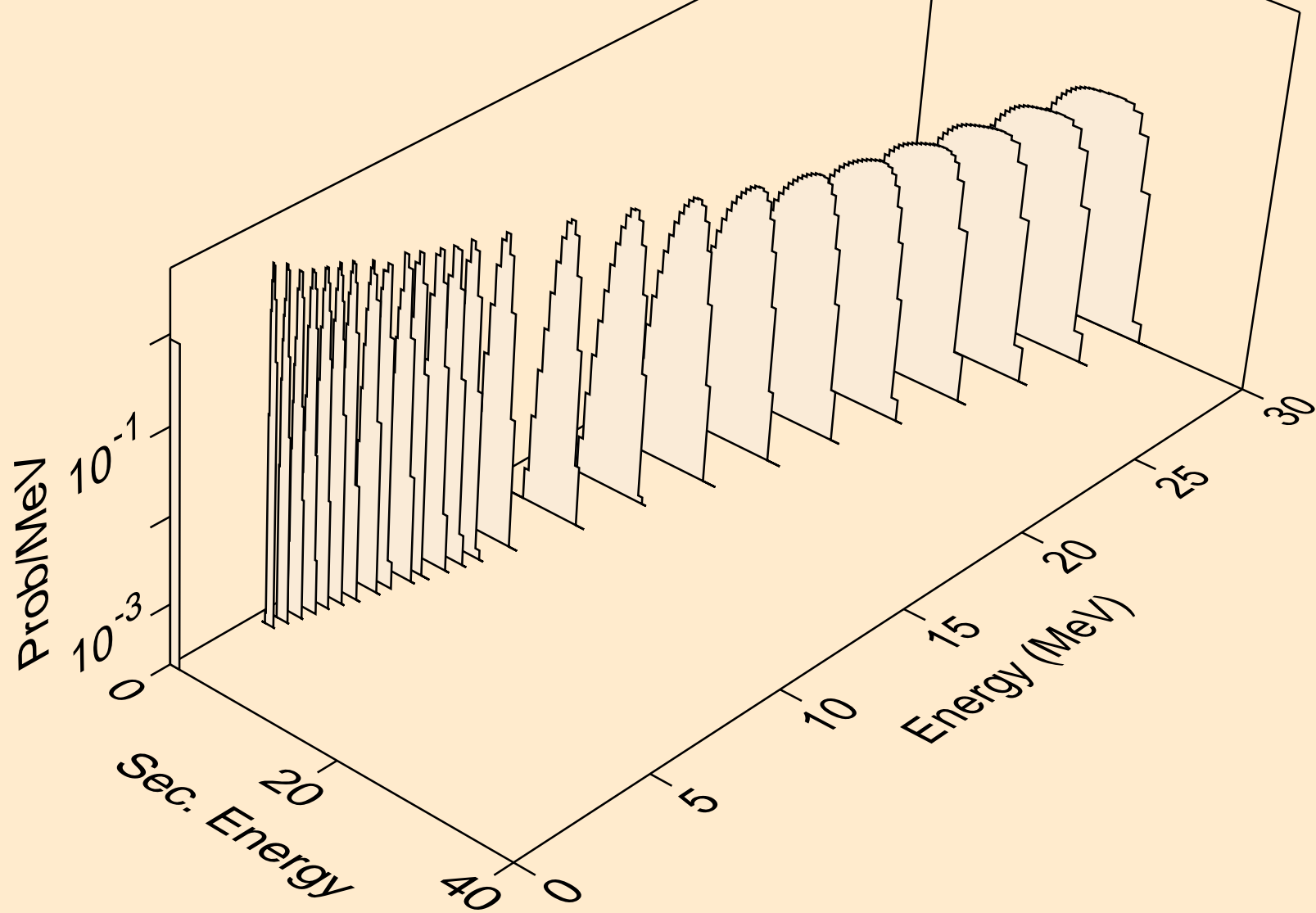
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



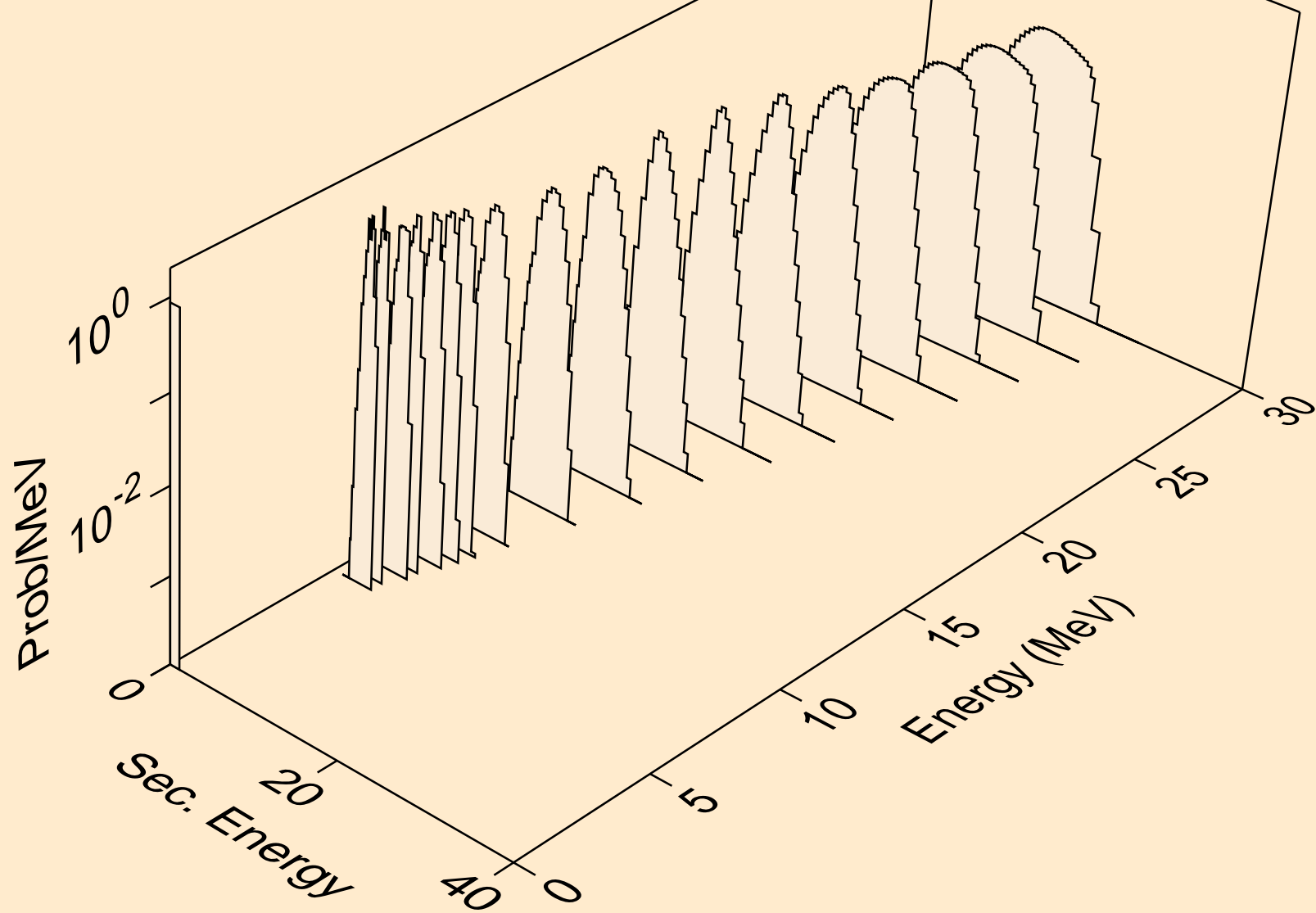
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d2a)



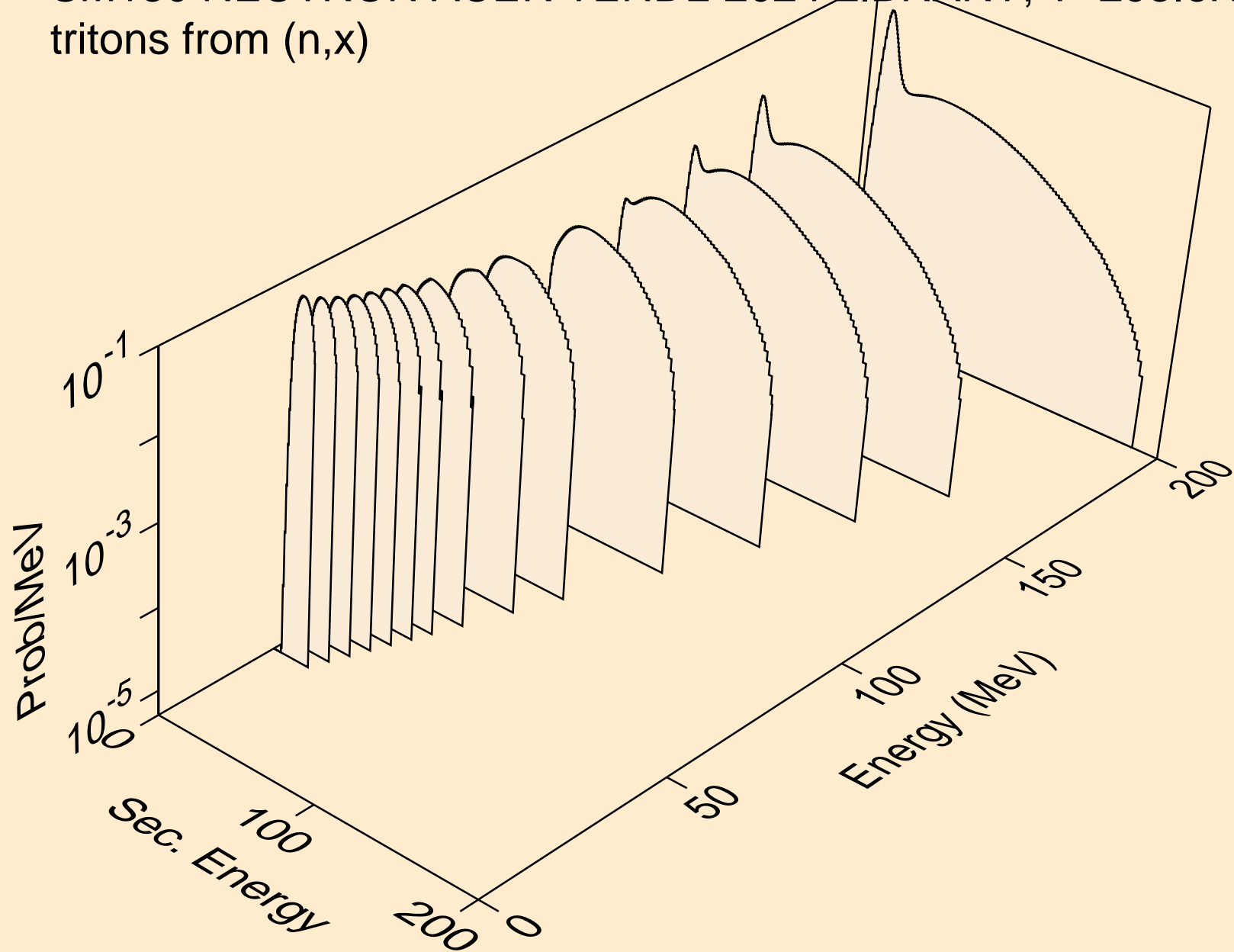
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



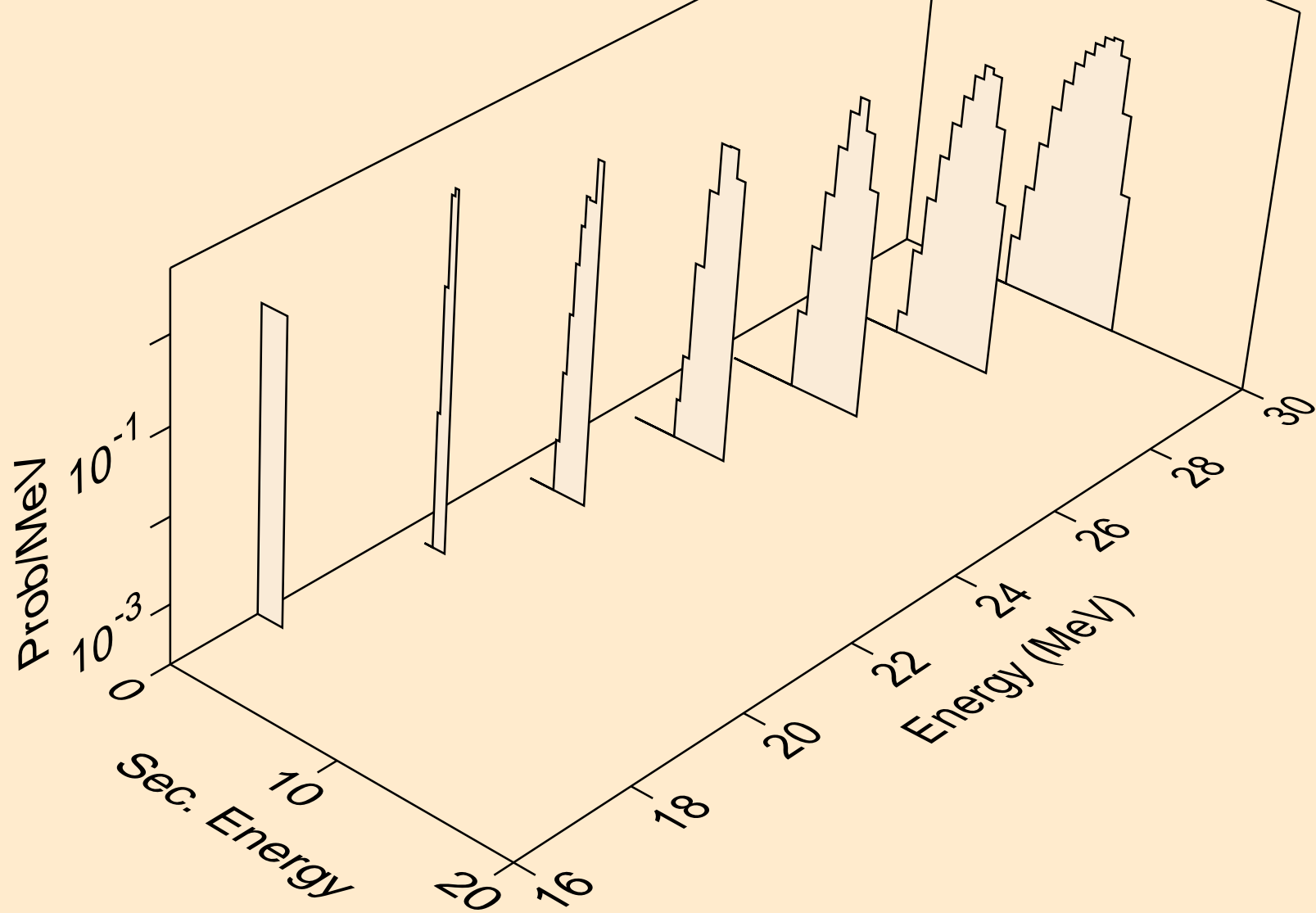
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,da)



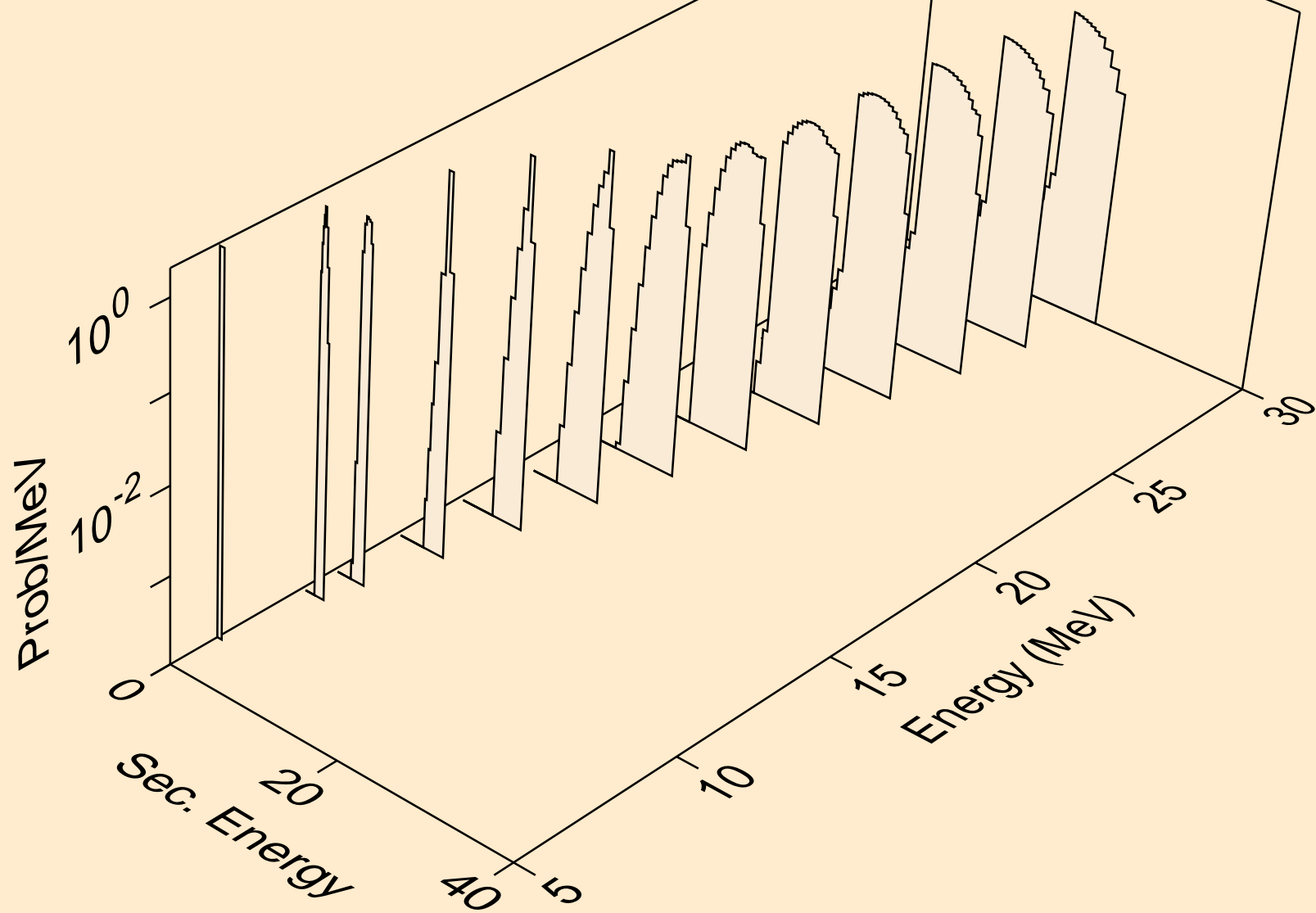
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



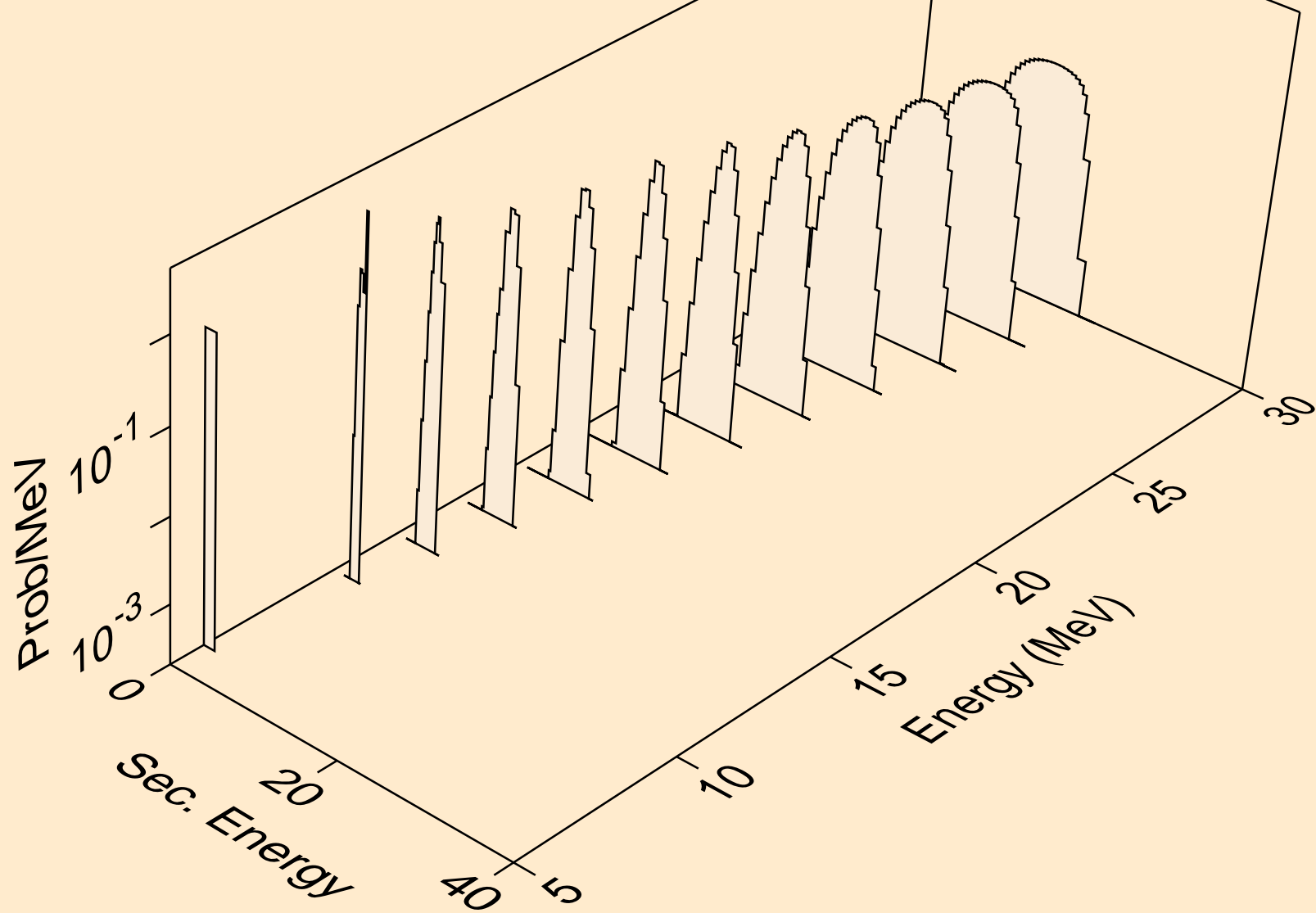
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



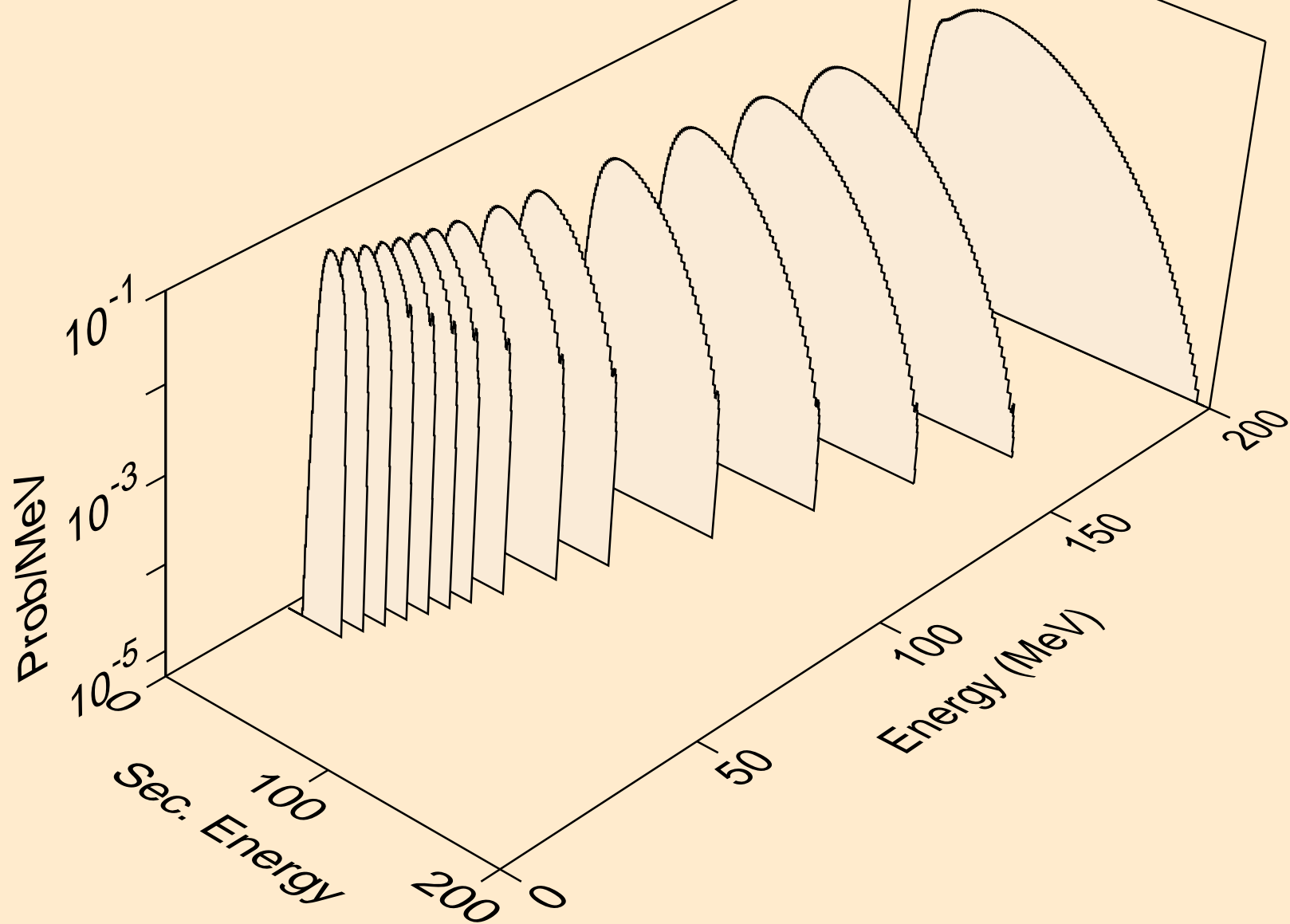
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



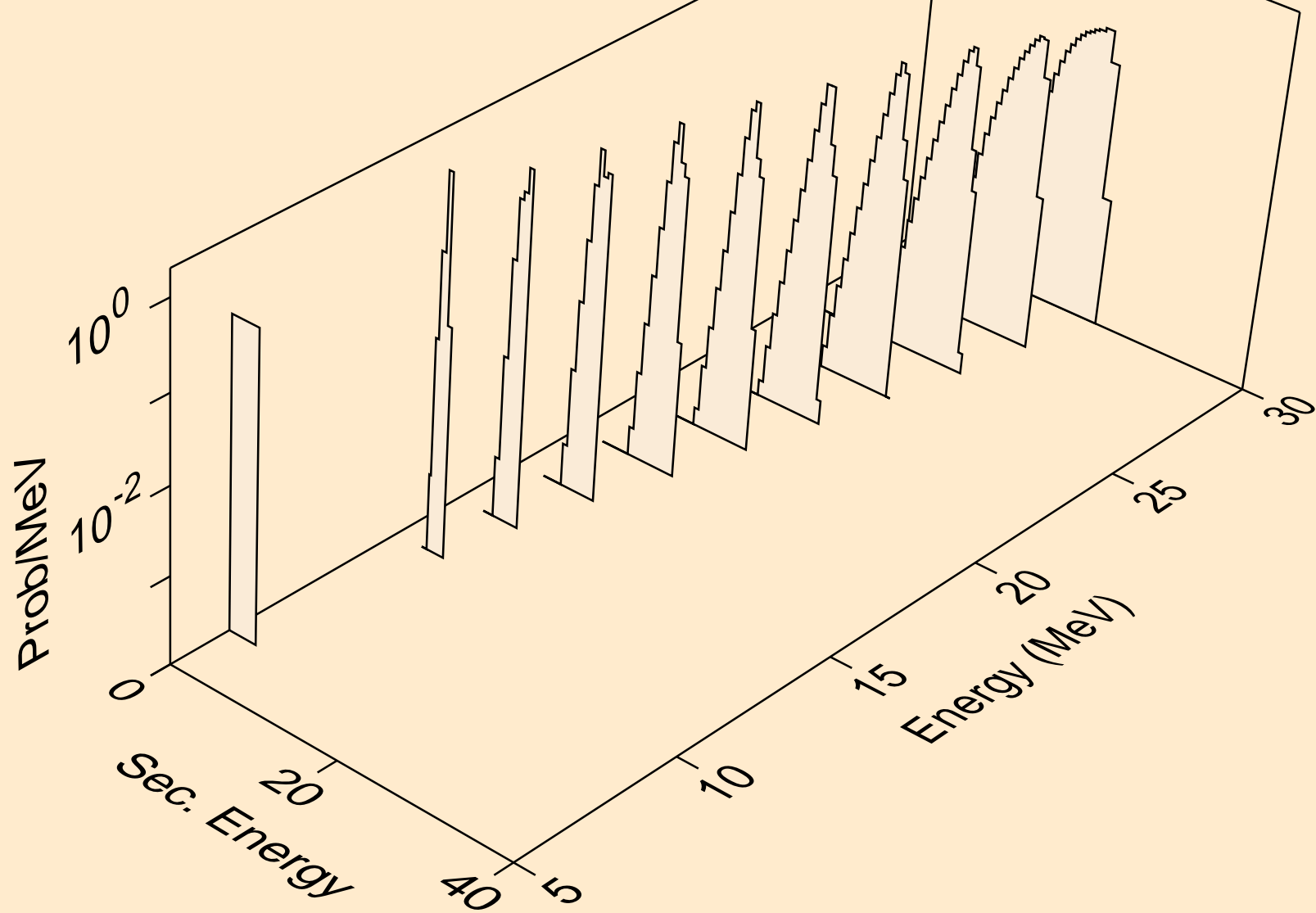
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



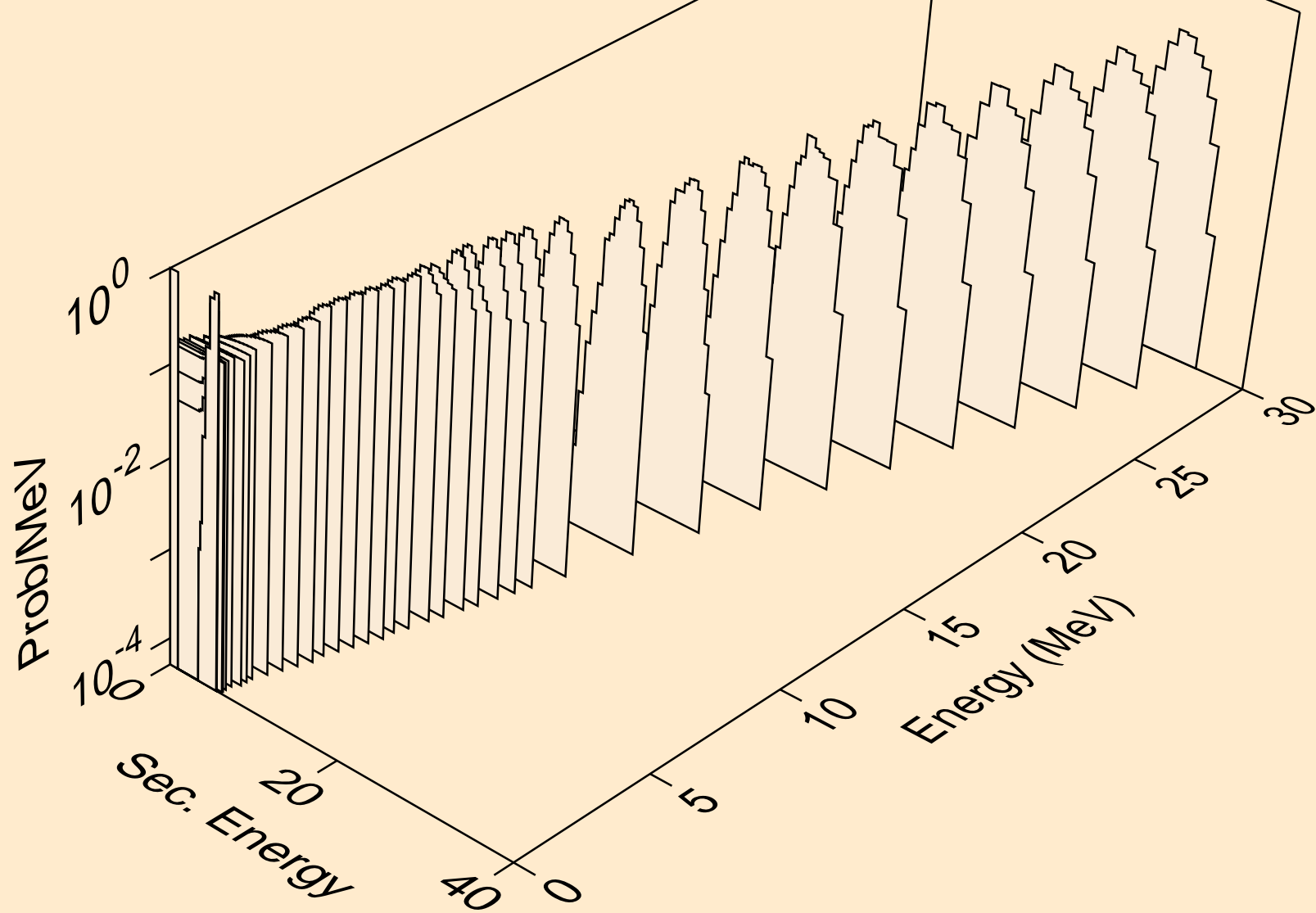
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



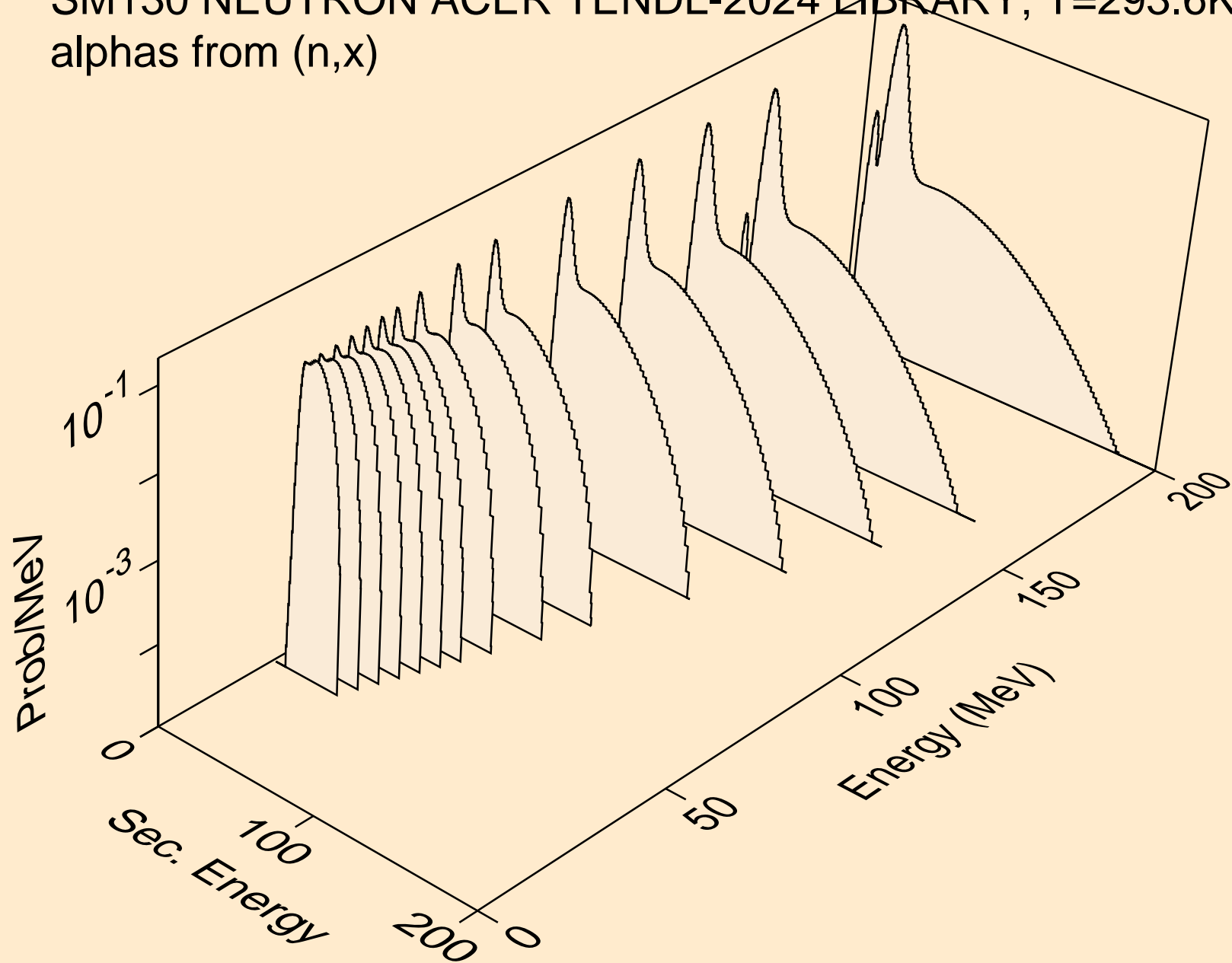
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



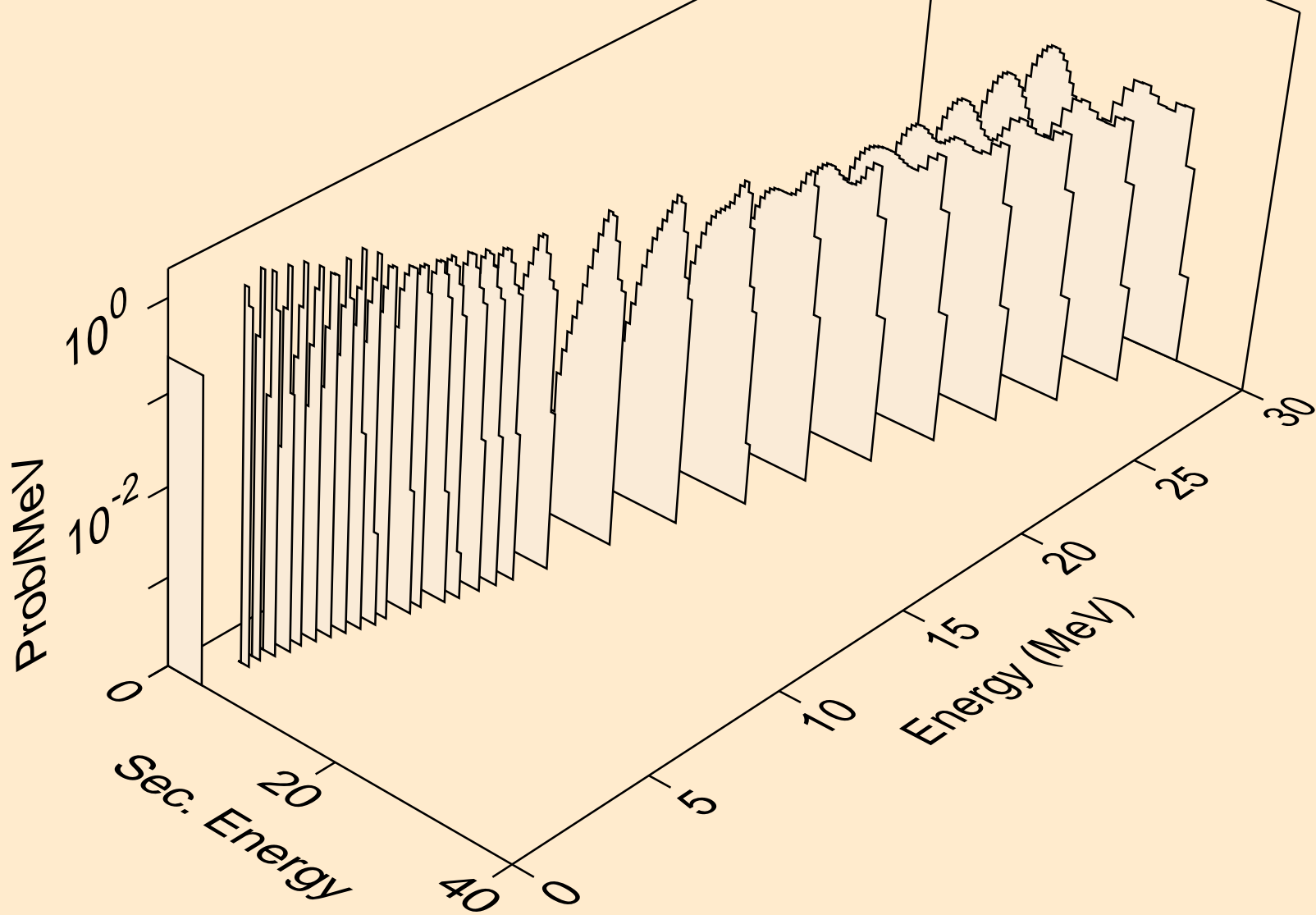
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



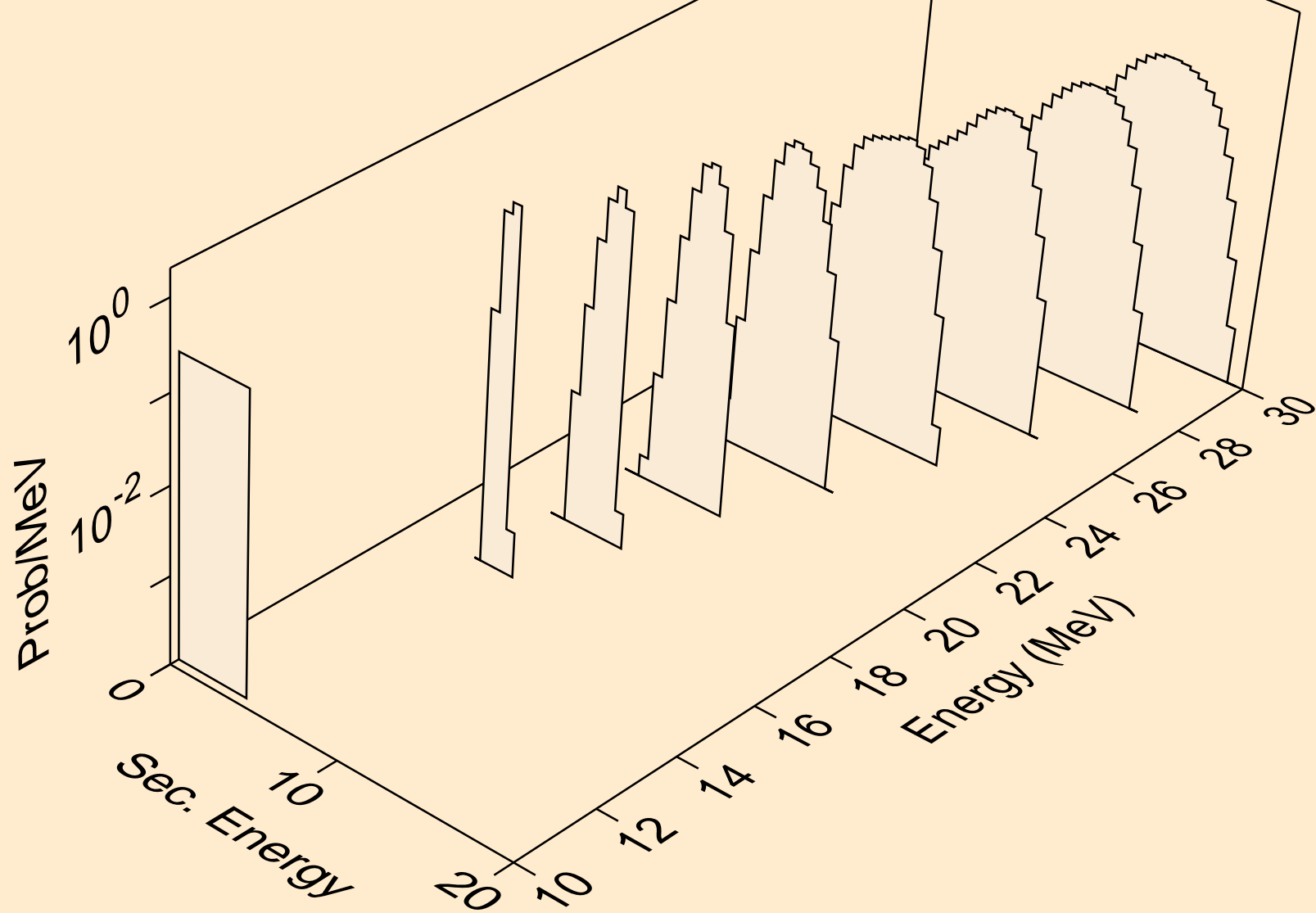
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



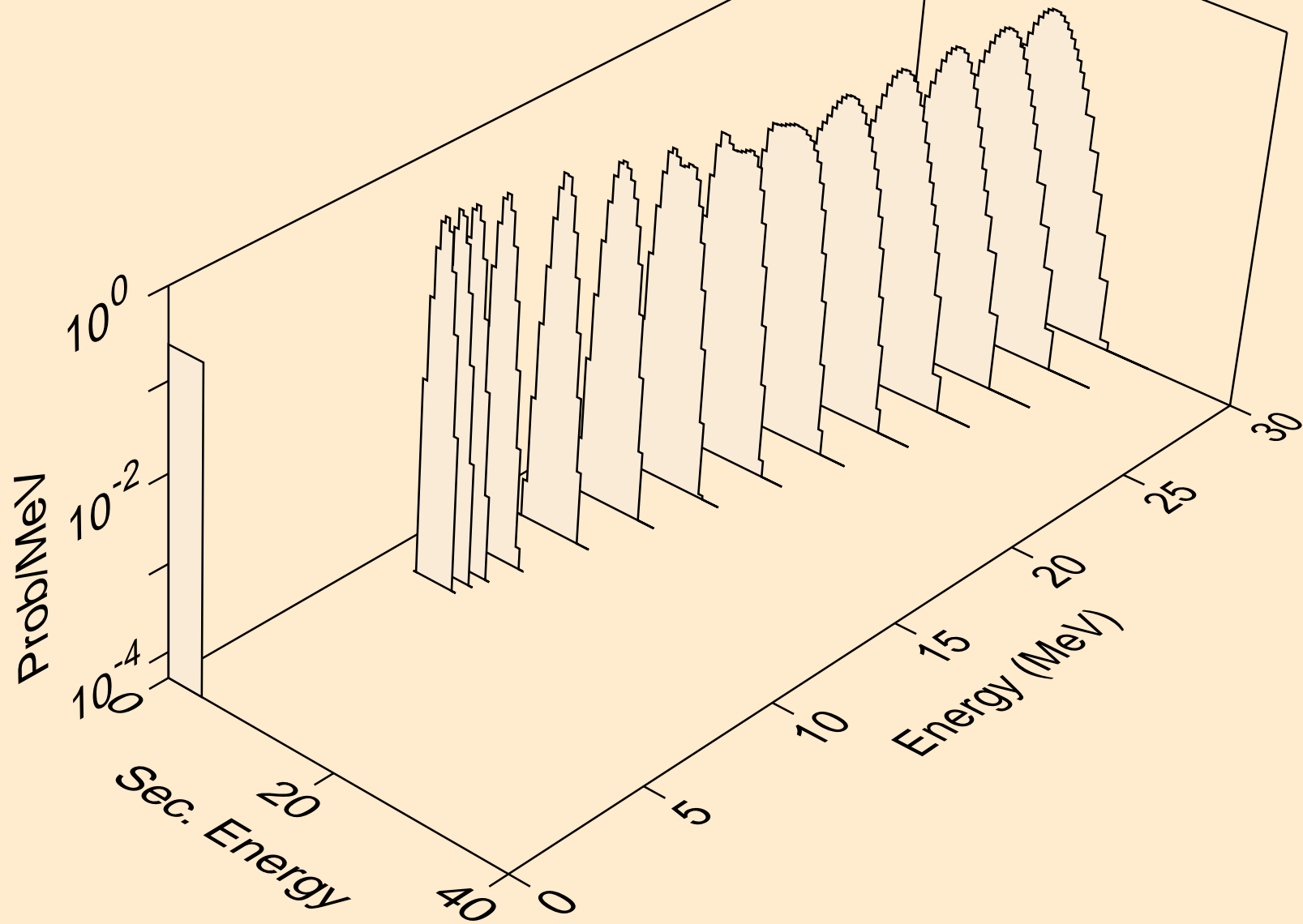
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



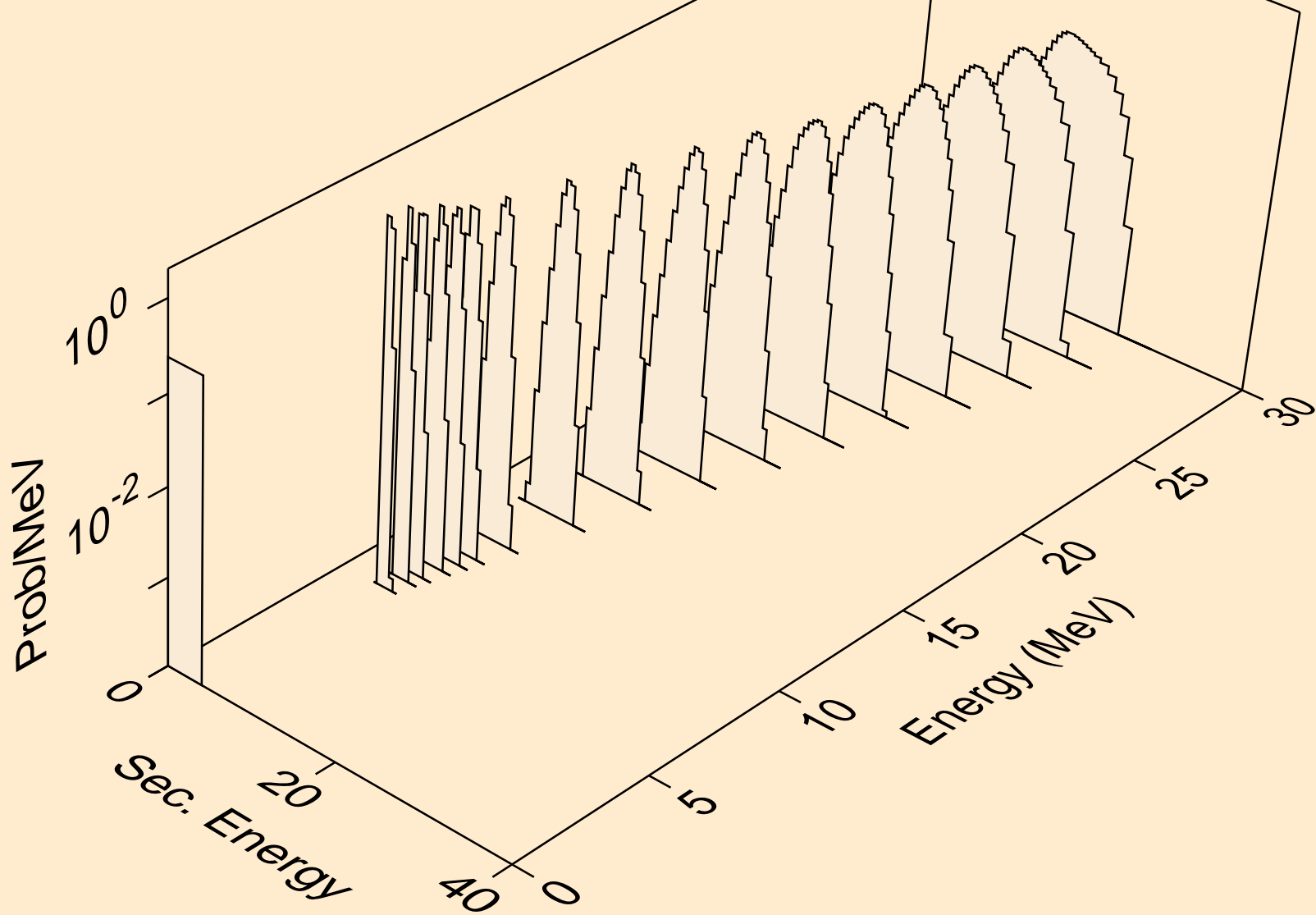
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



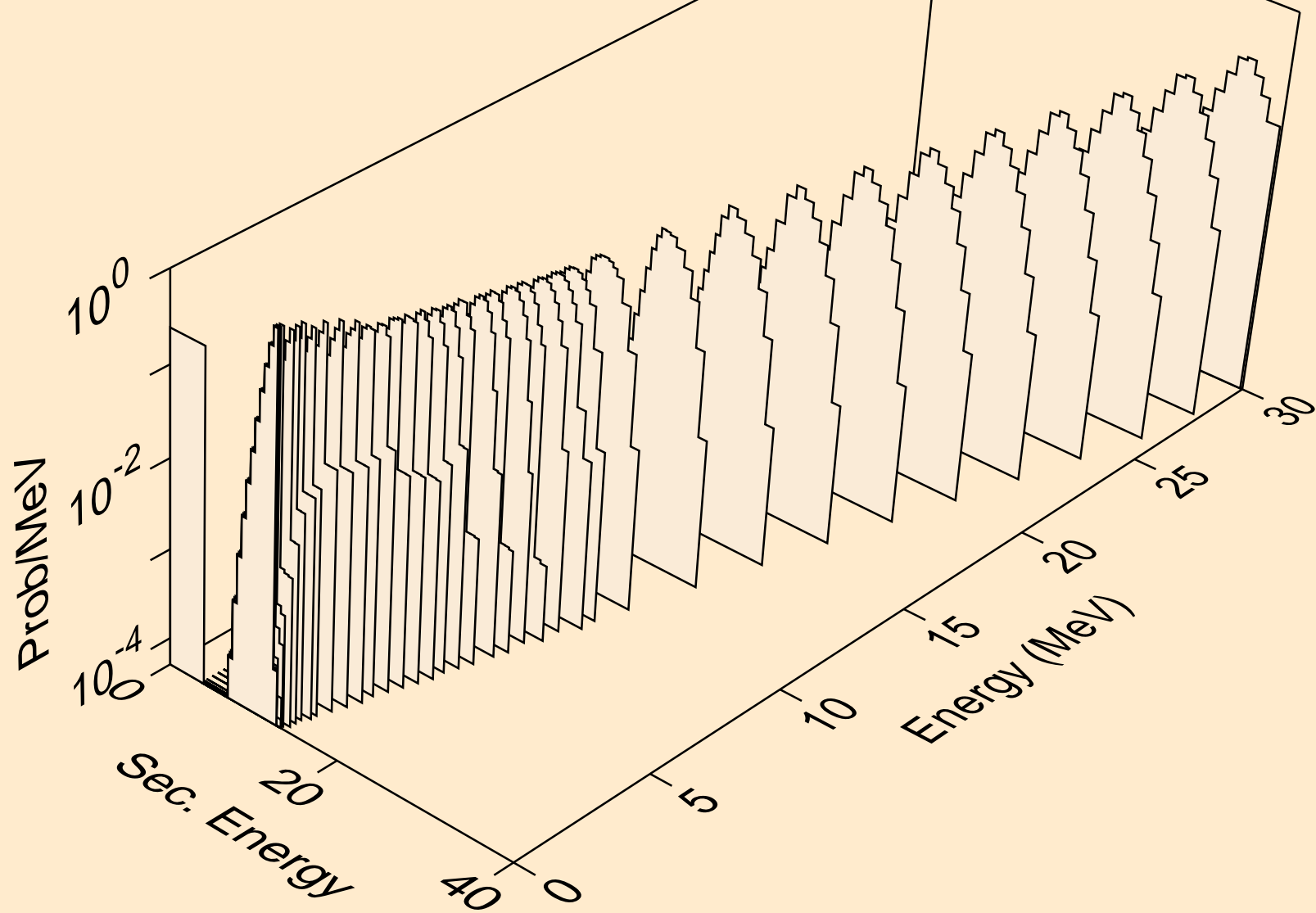
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



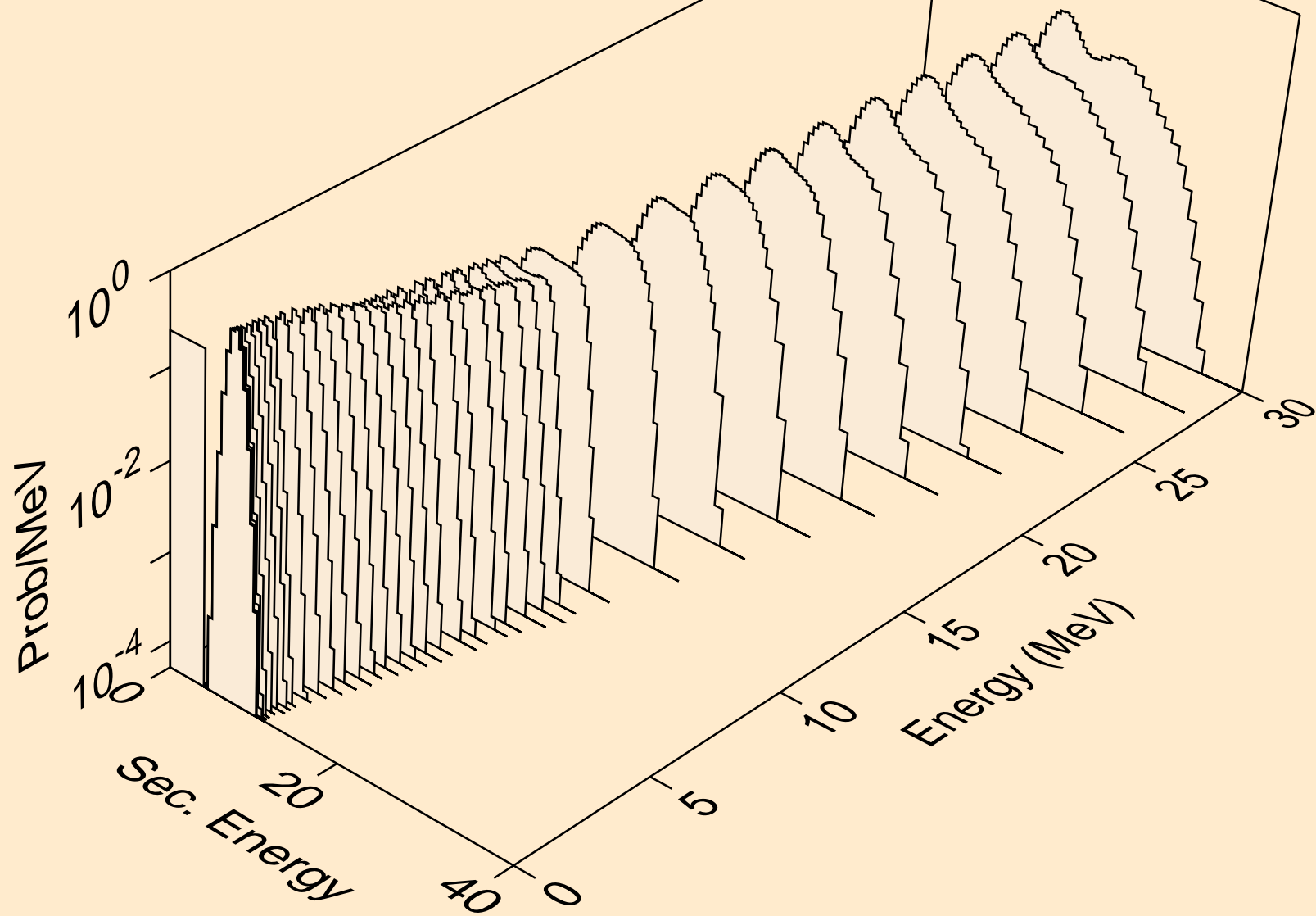
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



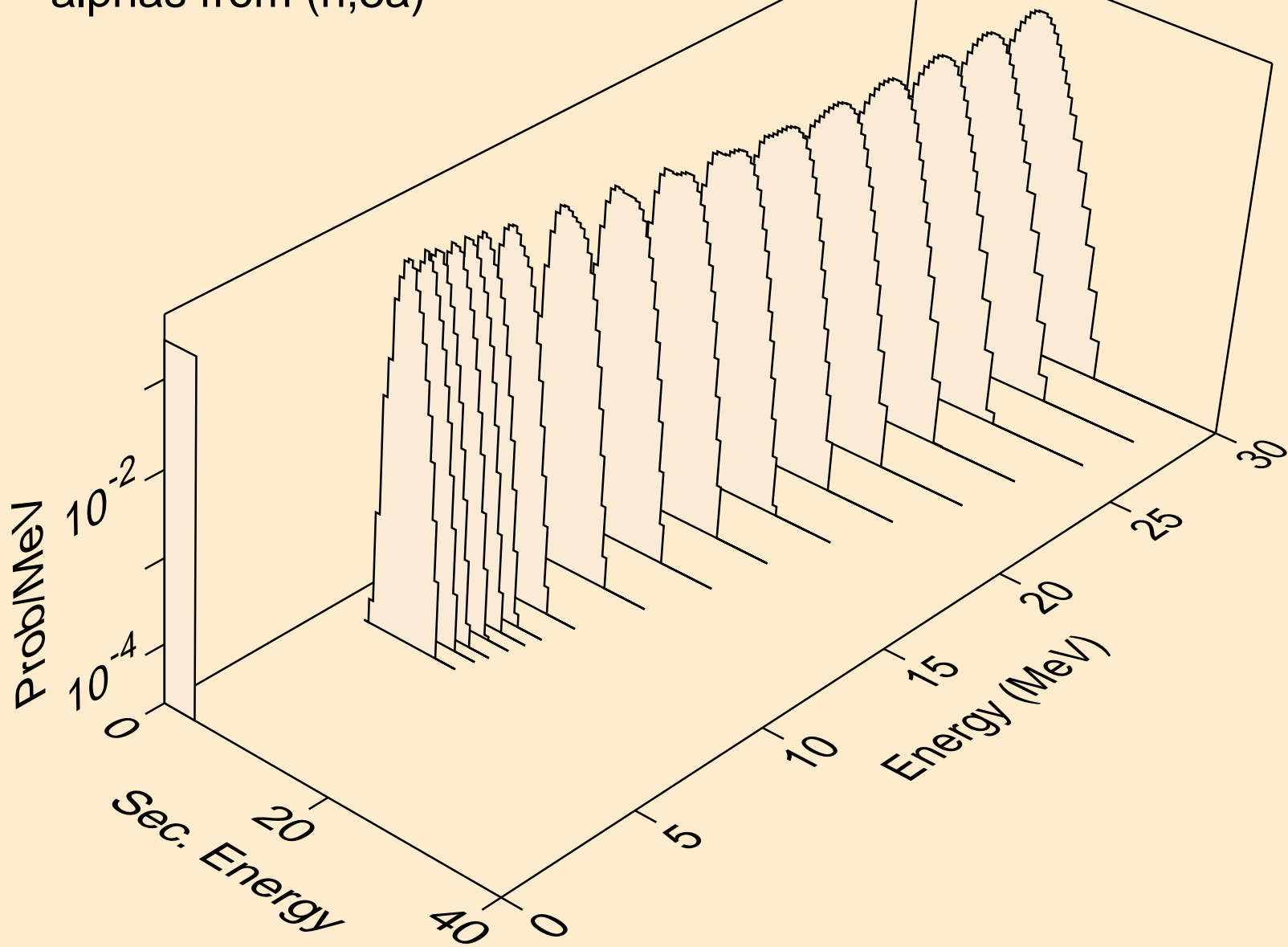
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



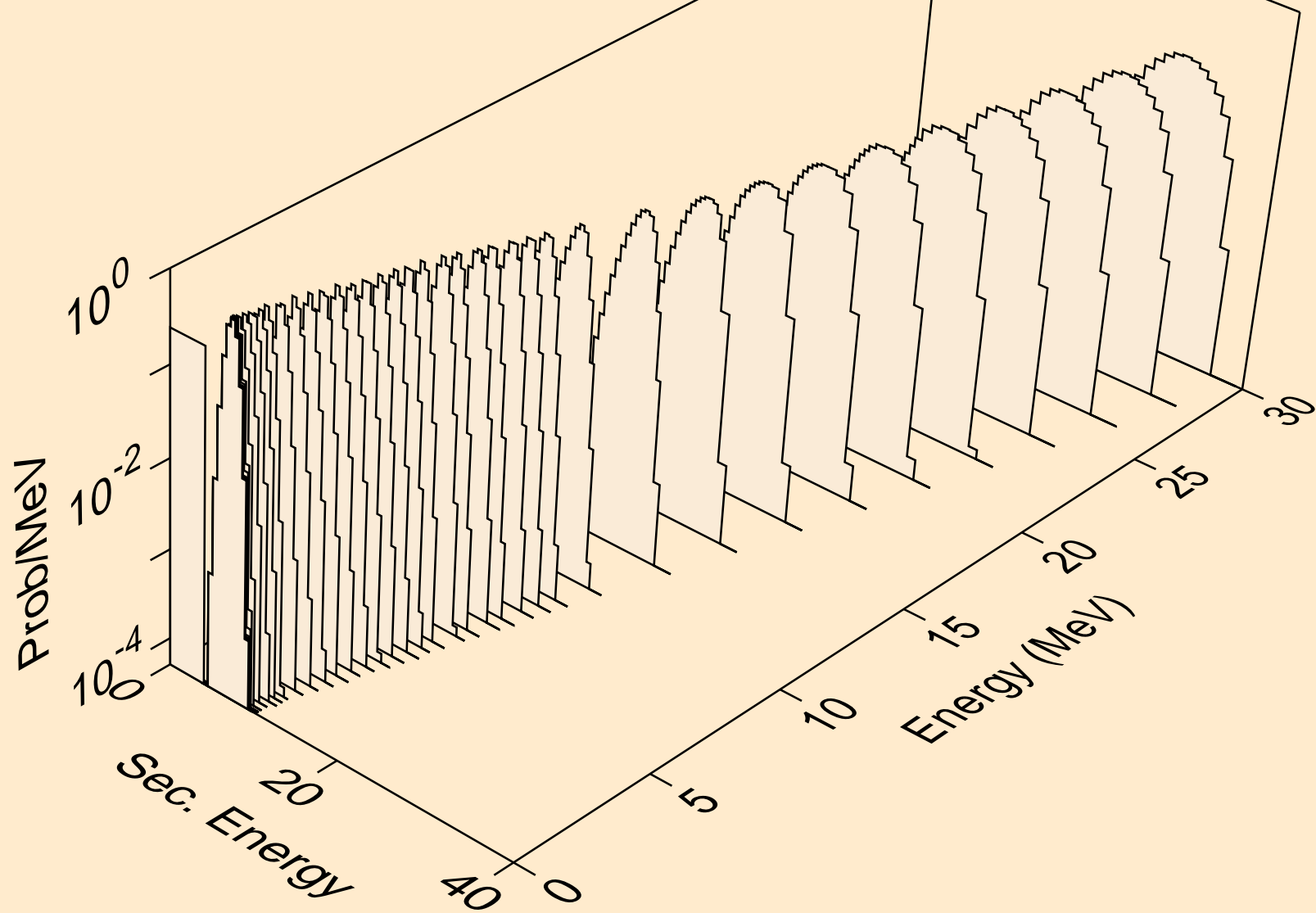
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



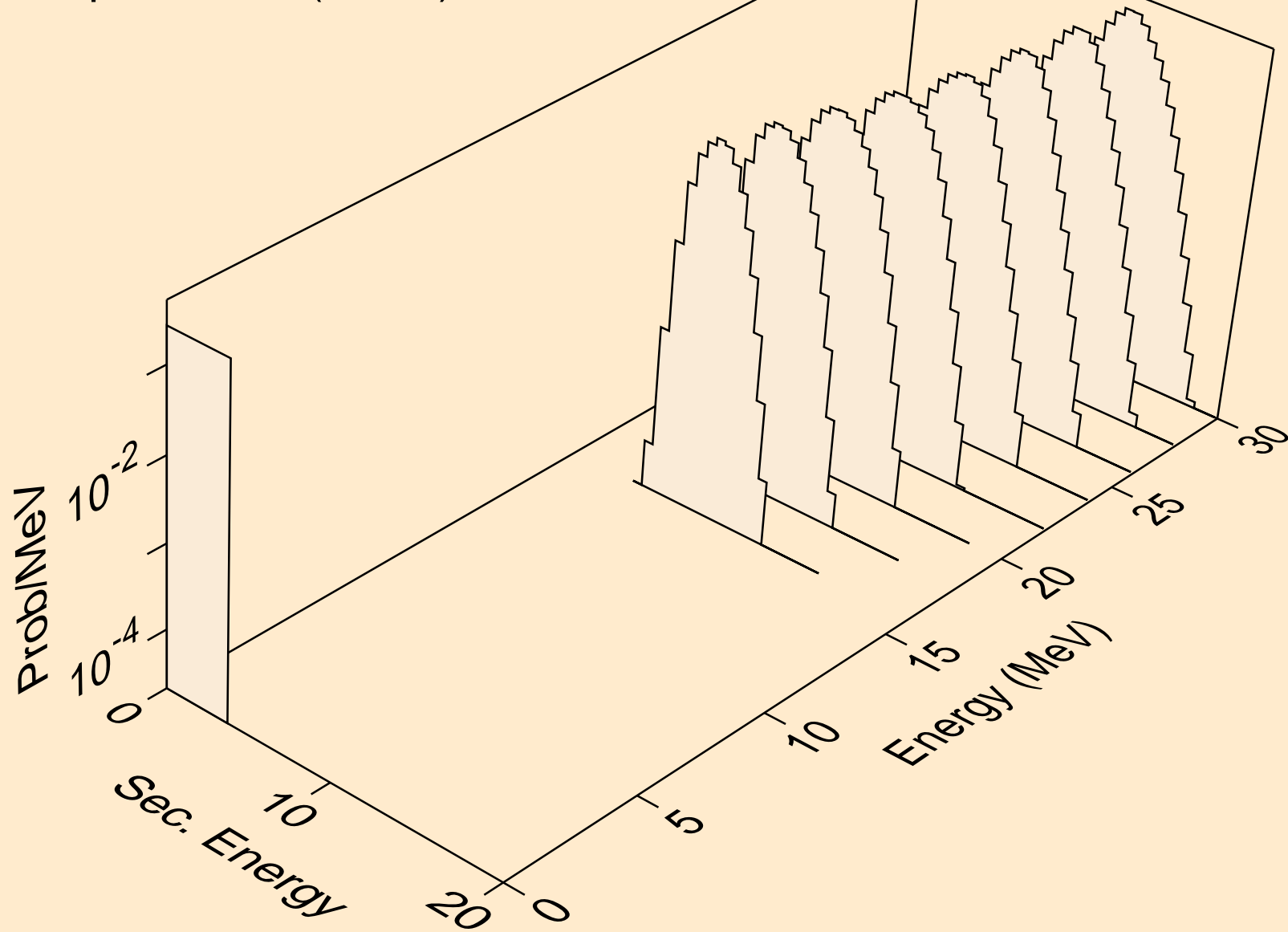
SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



SM130 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

