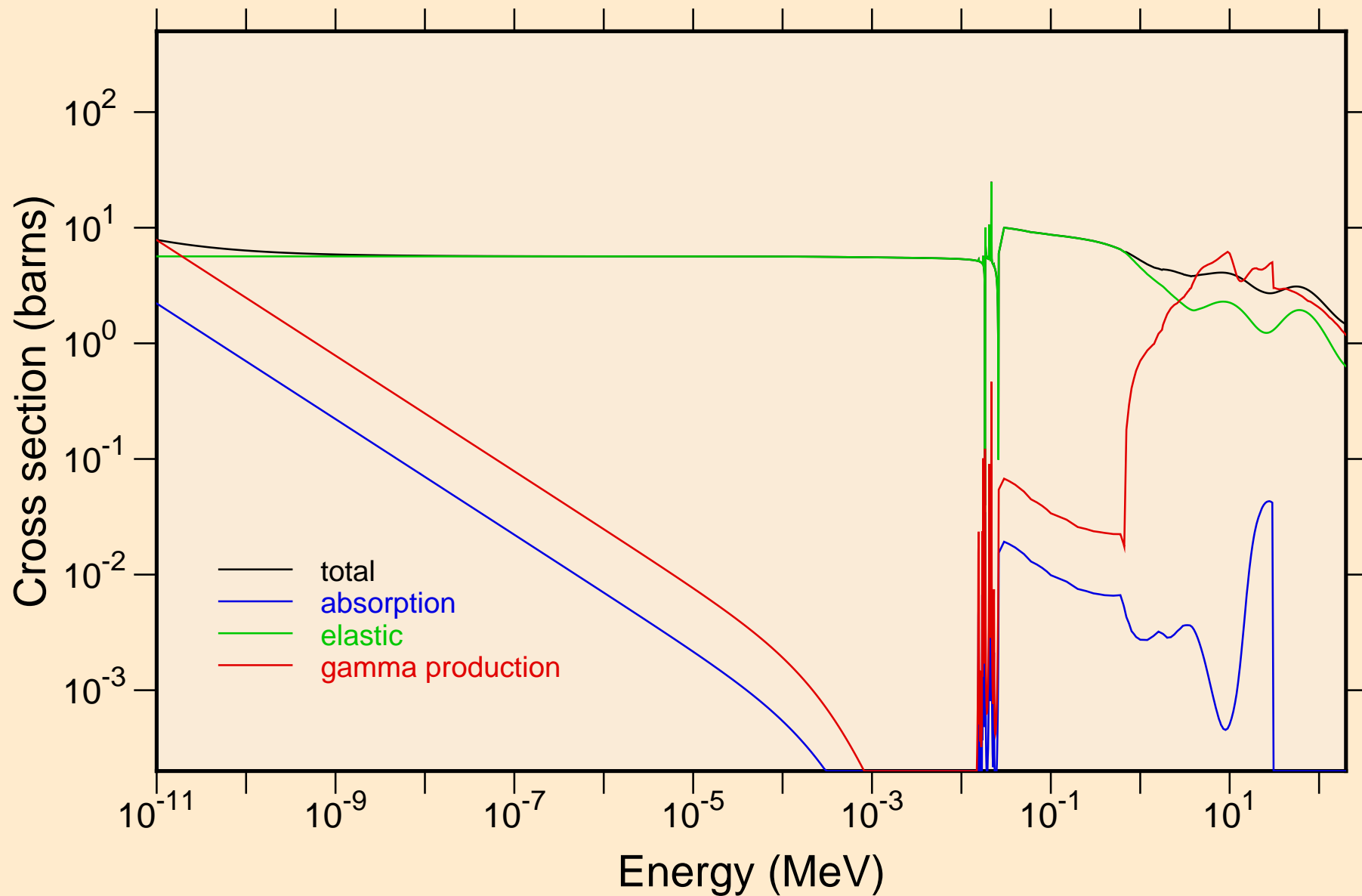
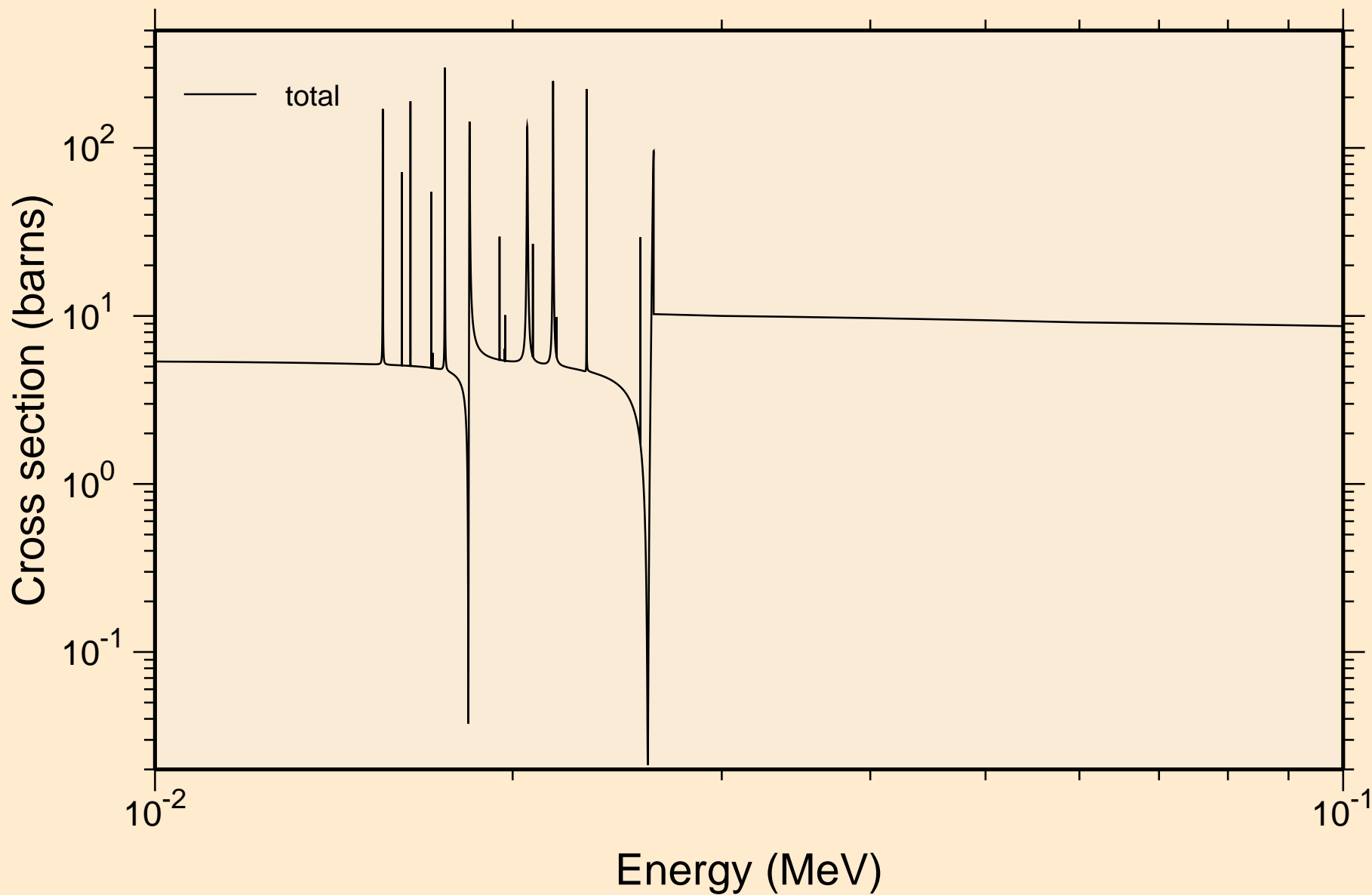


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

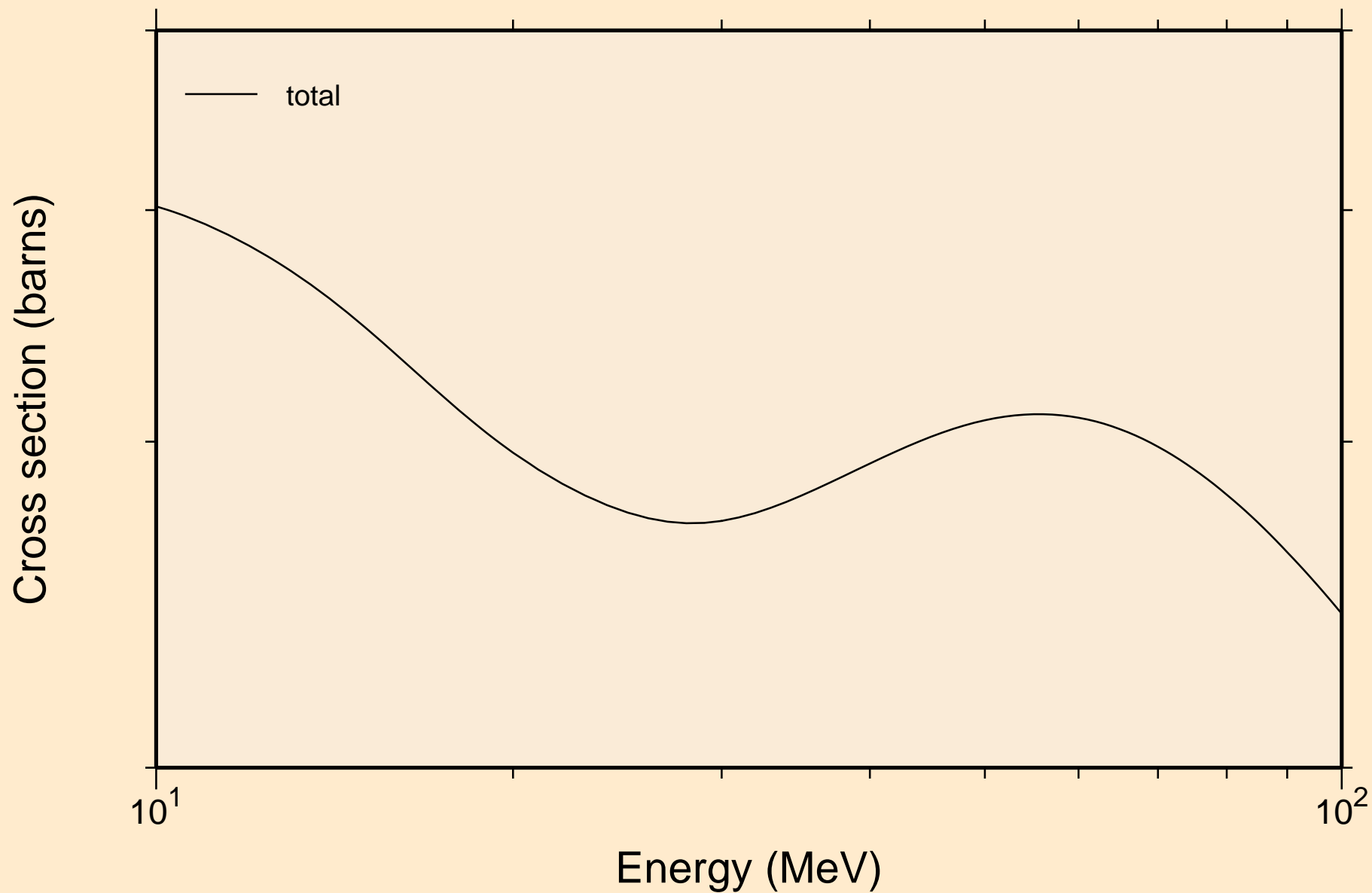
## Principal cross sections



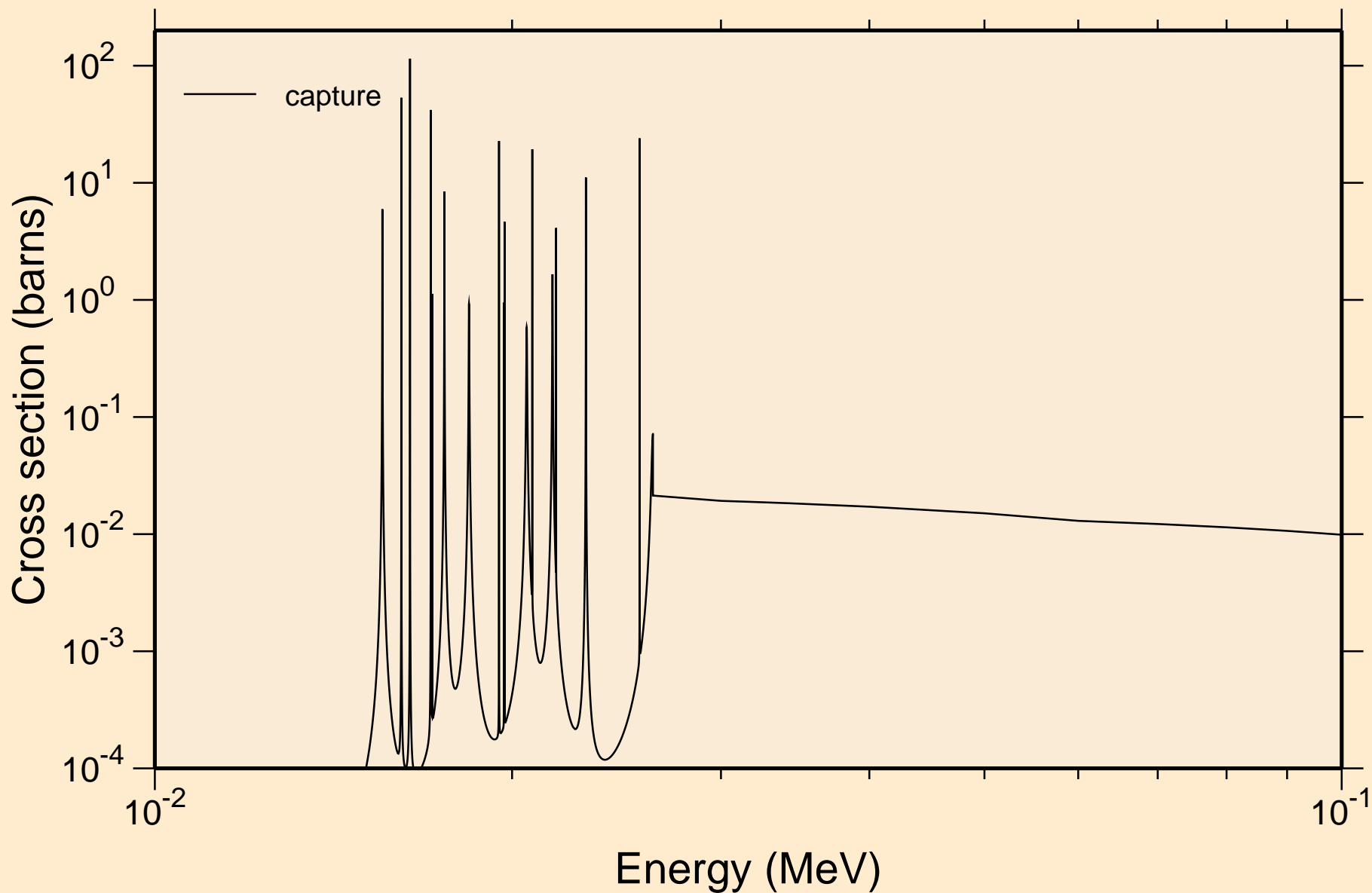
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



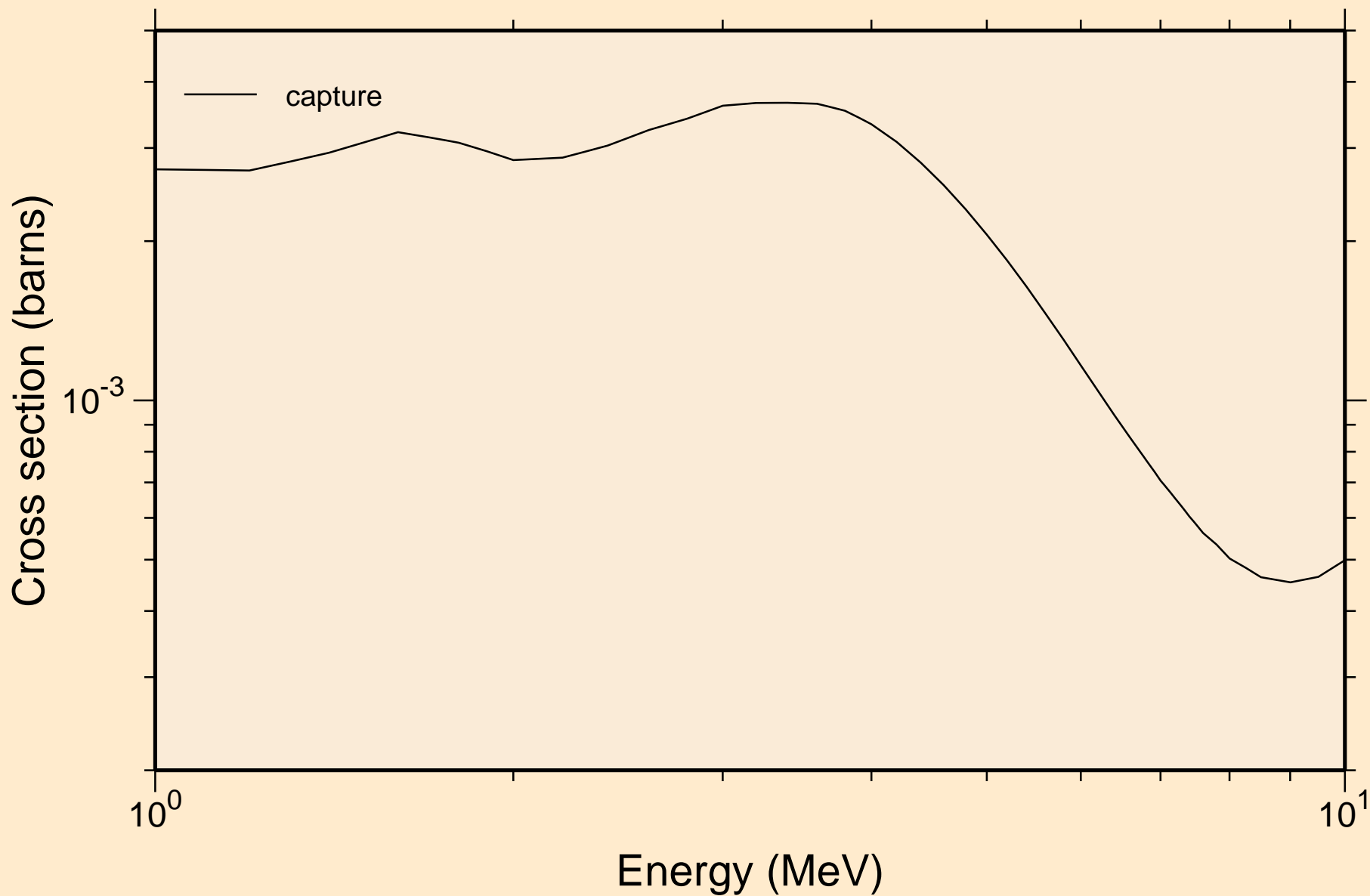
S $\bar{E}$ 082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



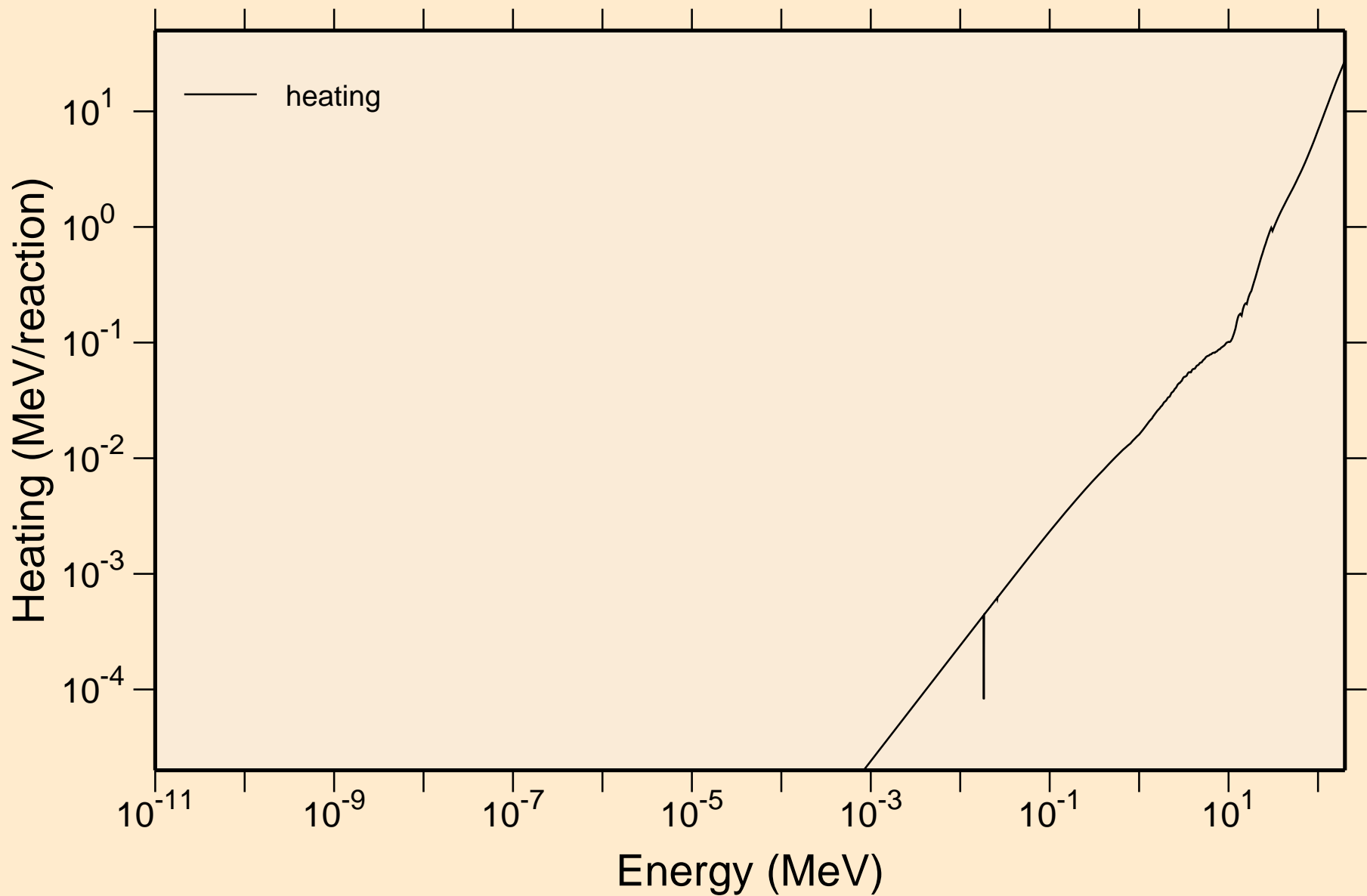
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



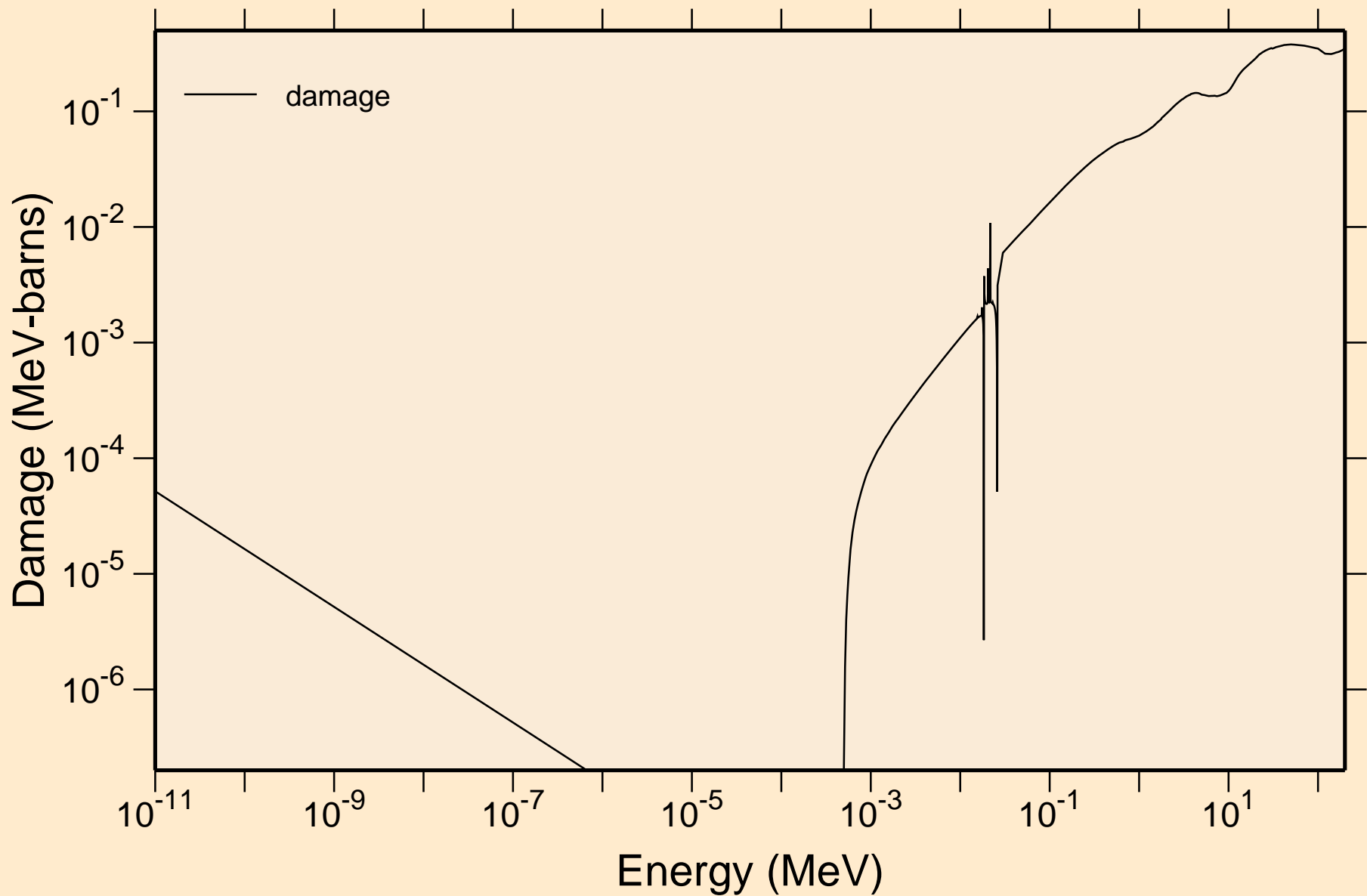
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



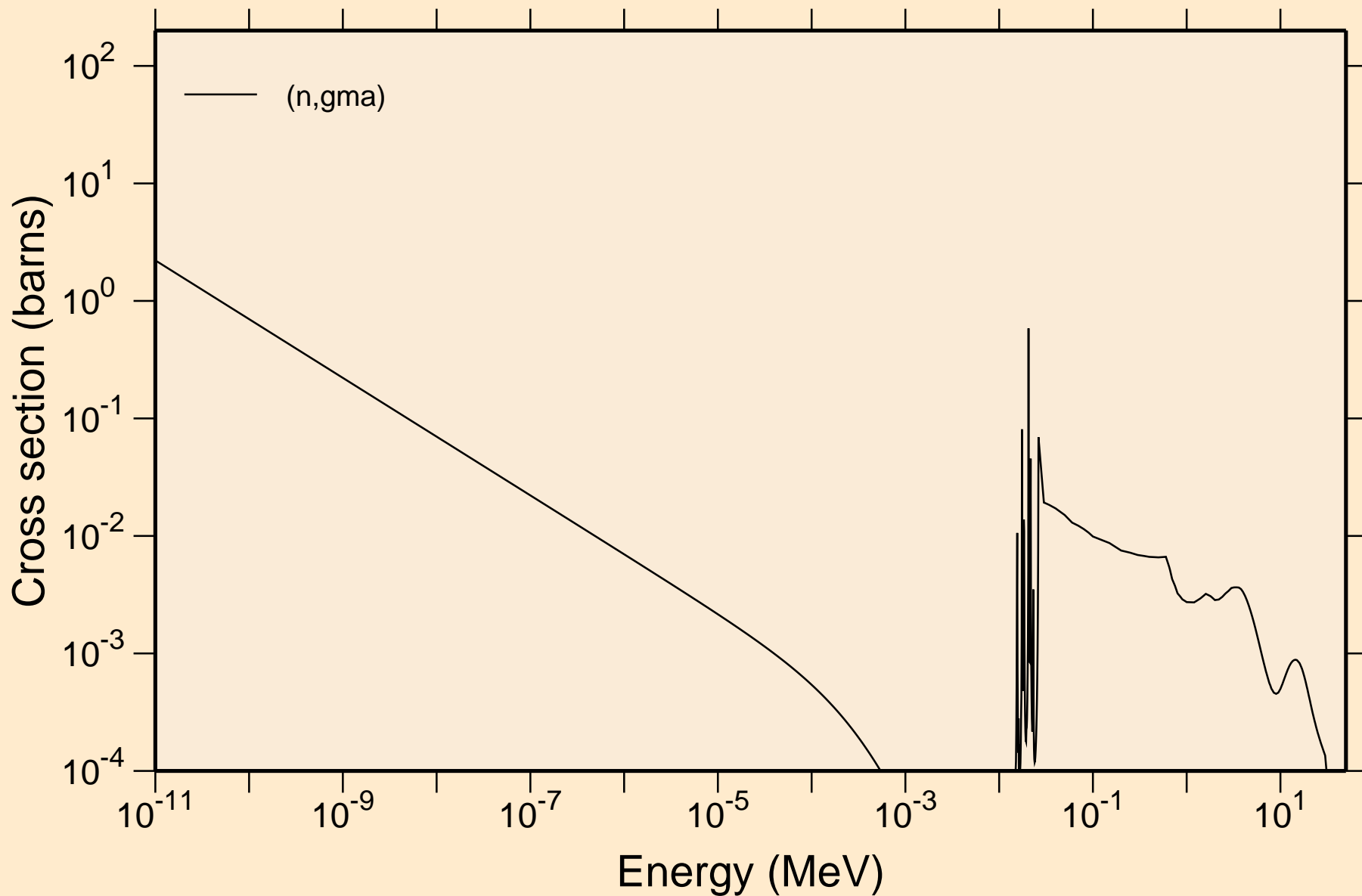
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

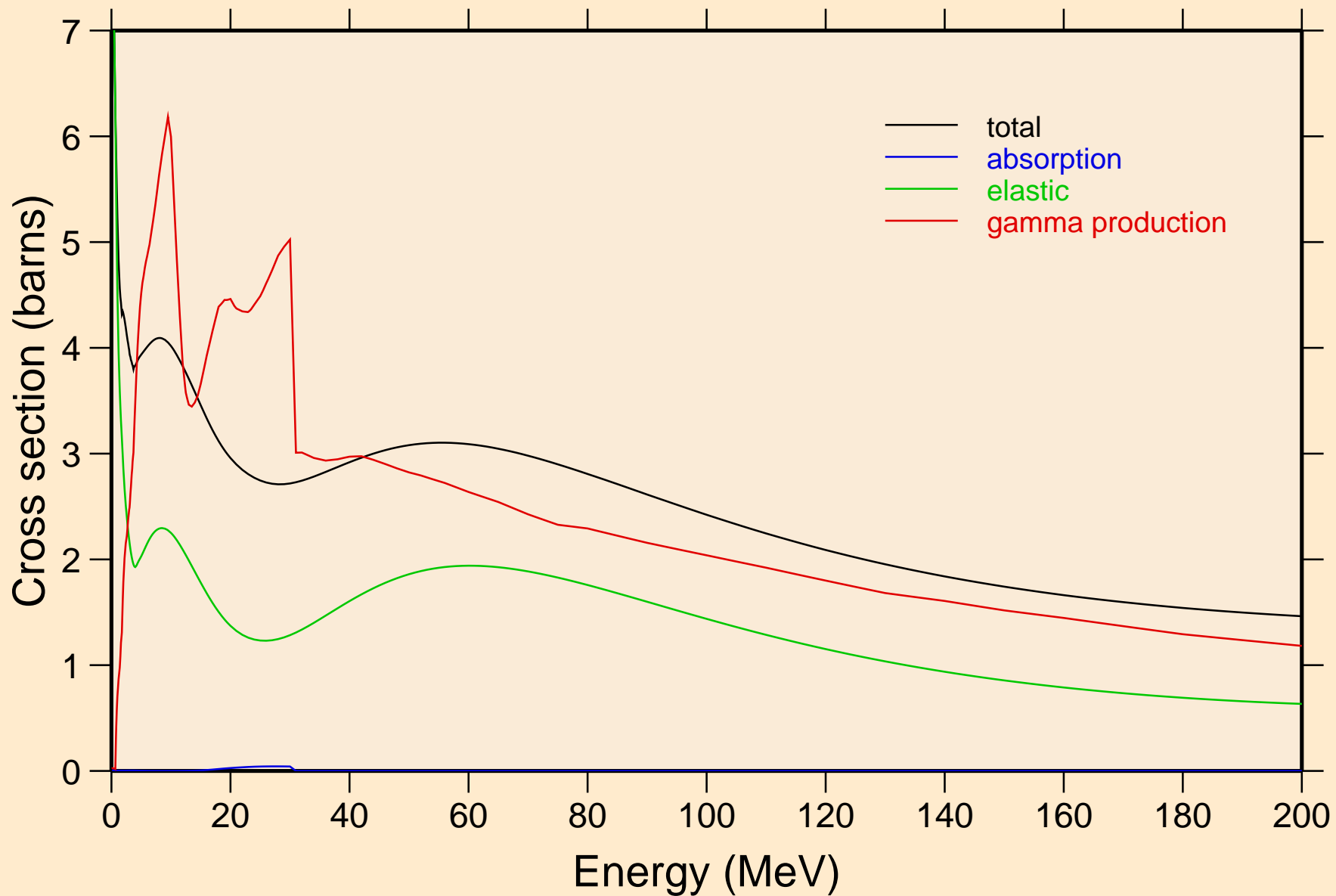


SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



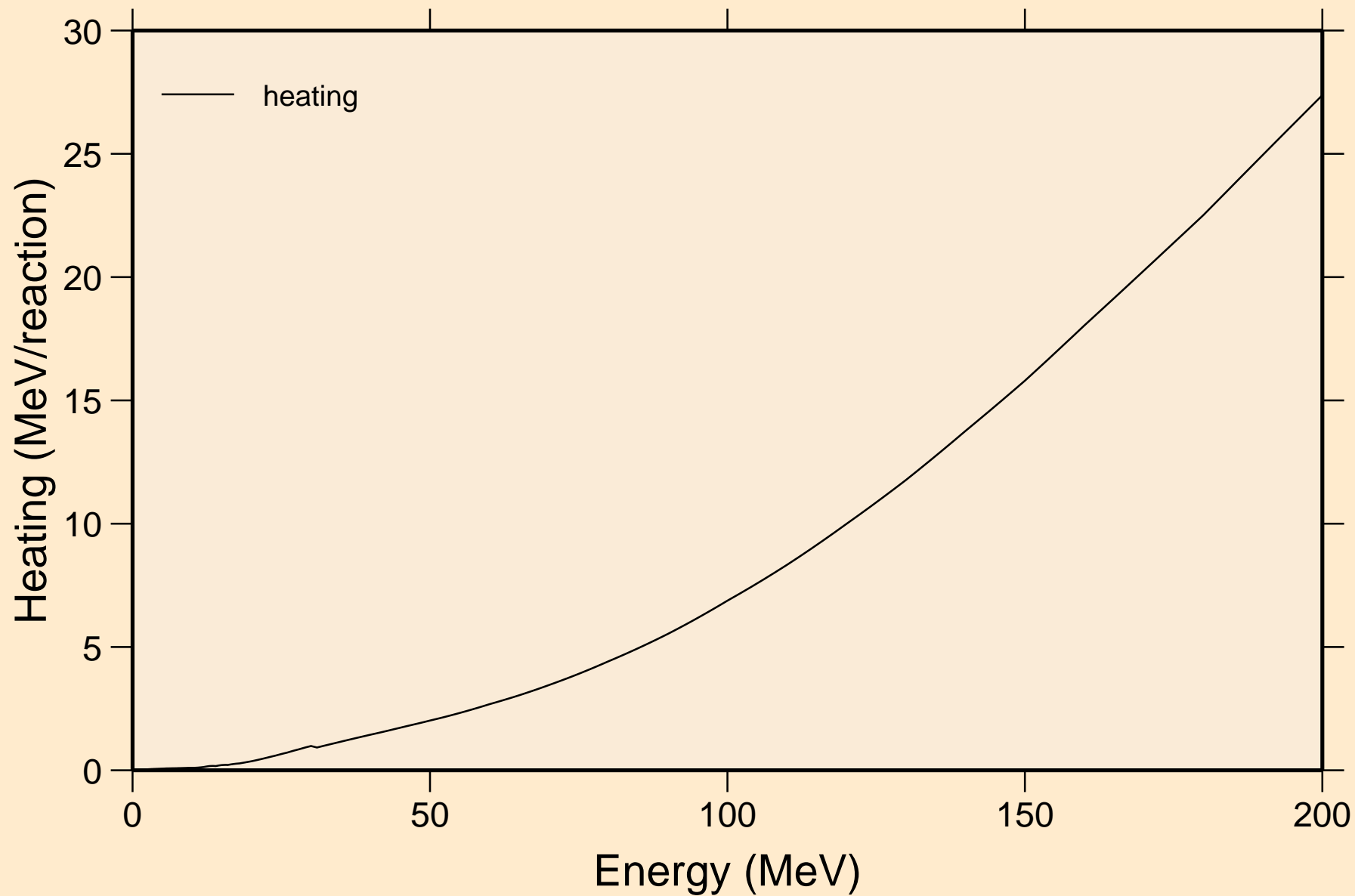
# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



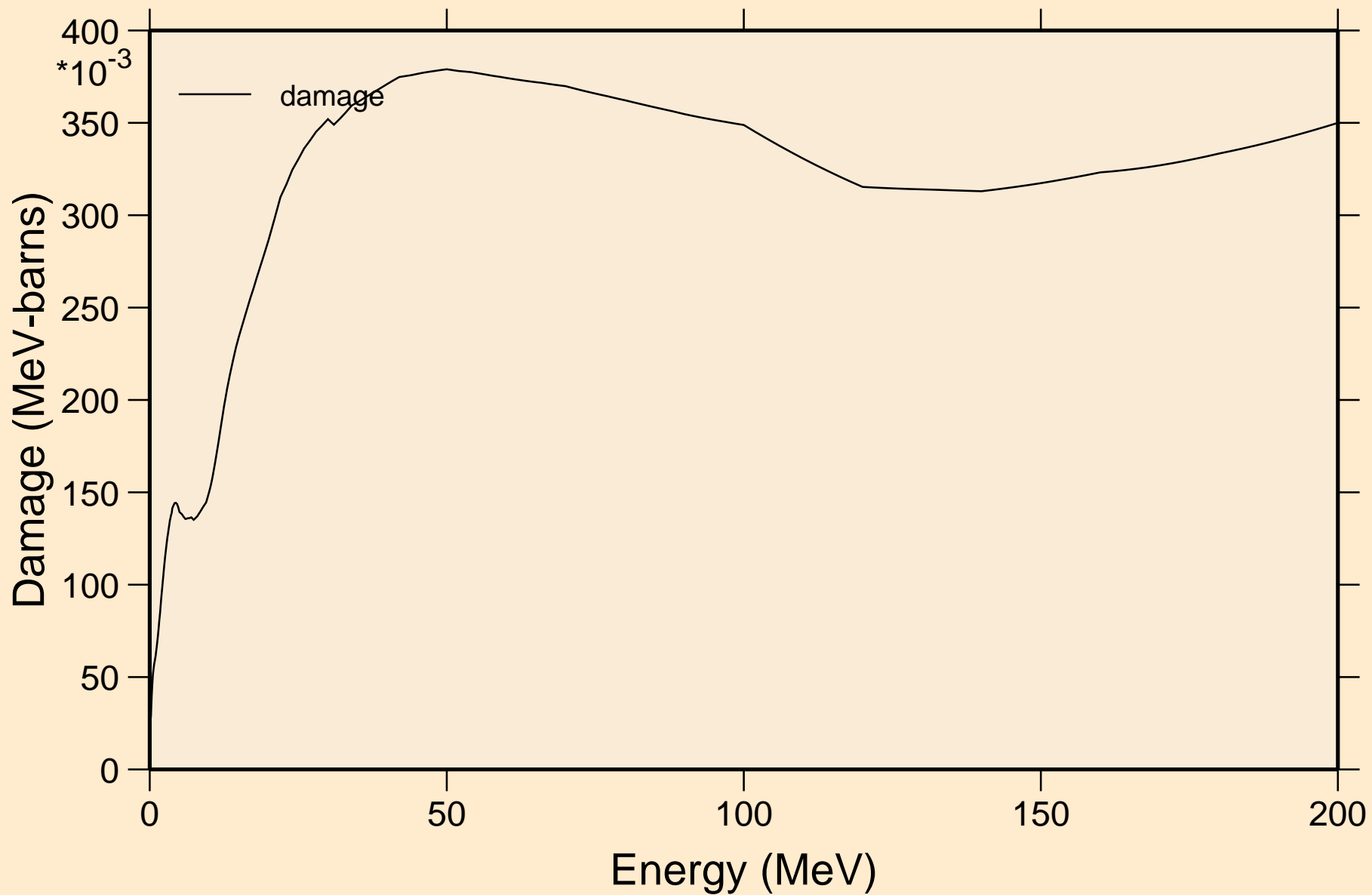
# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

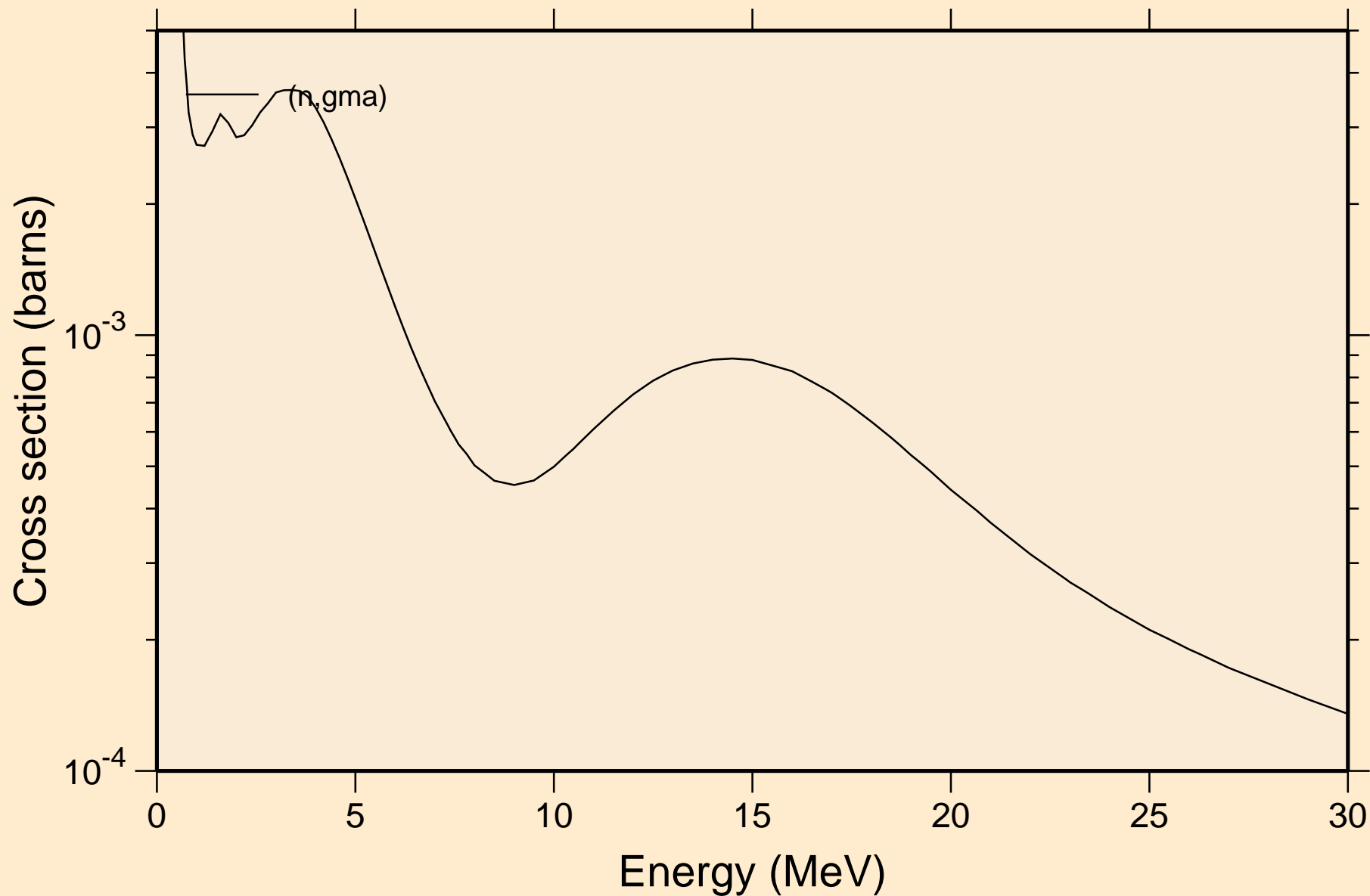


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

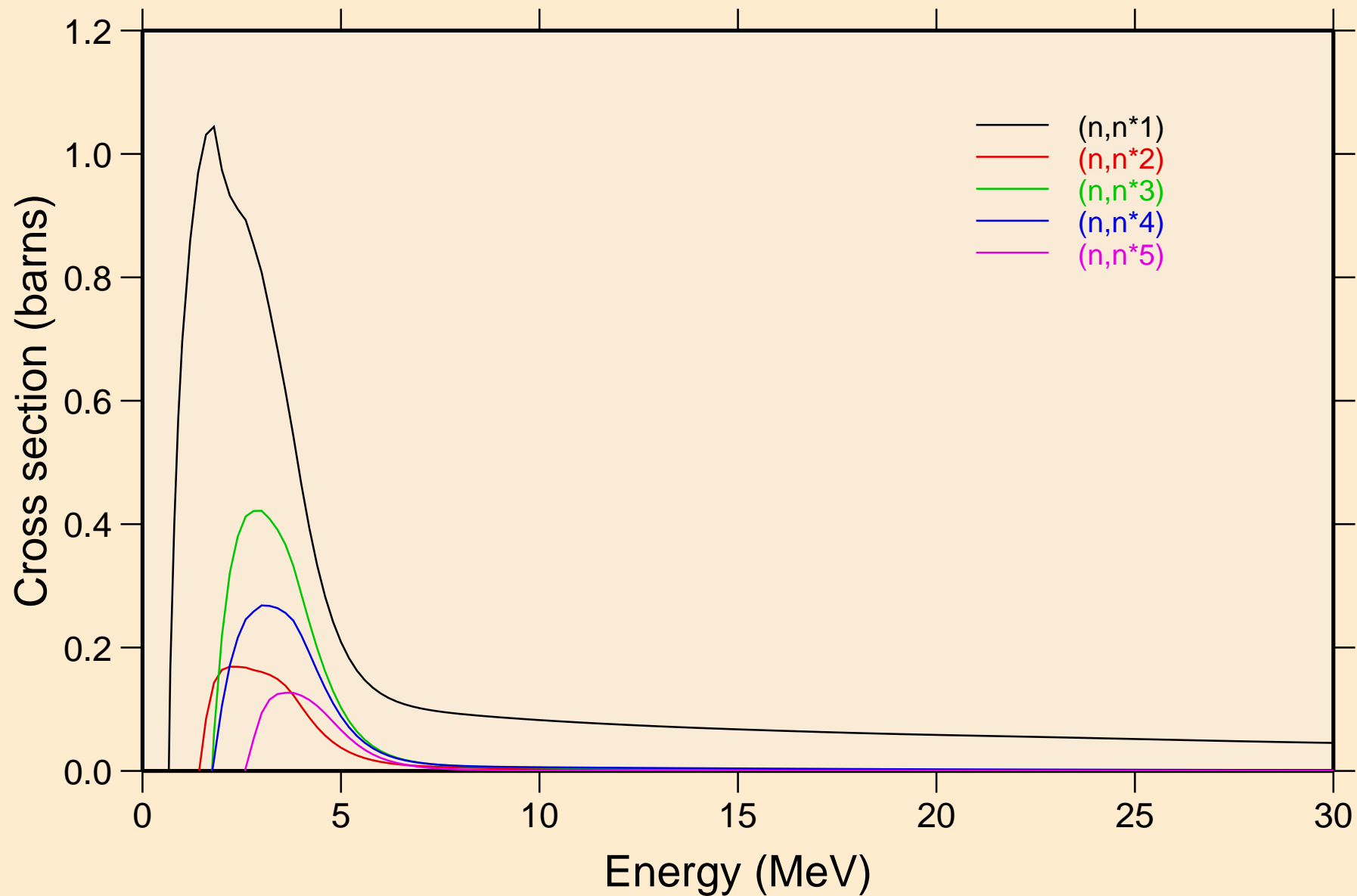
## Damage



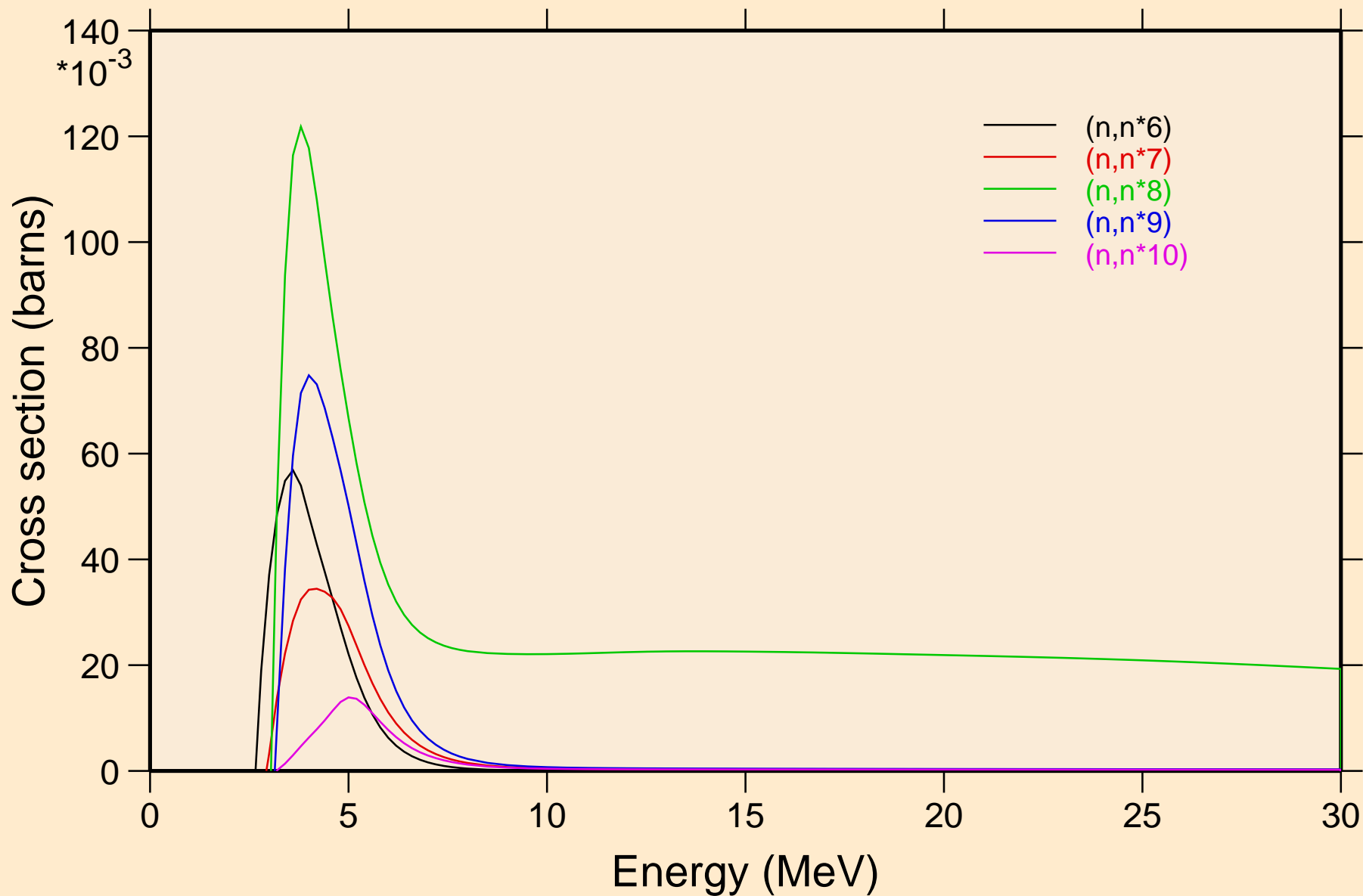
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



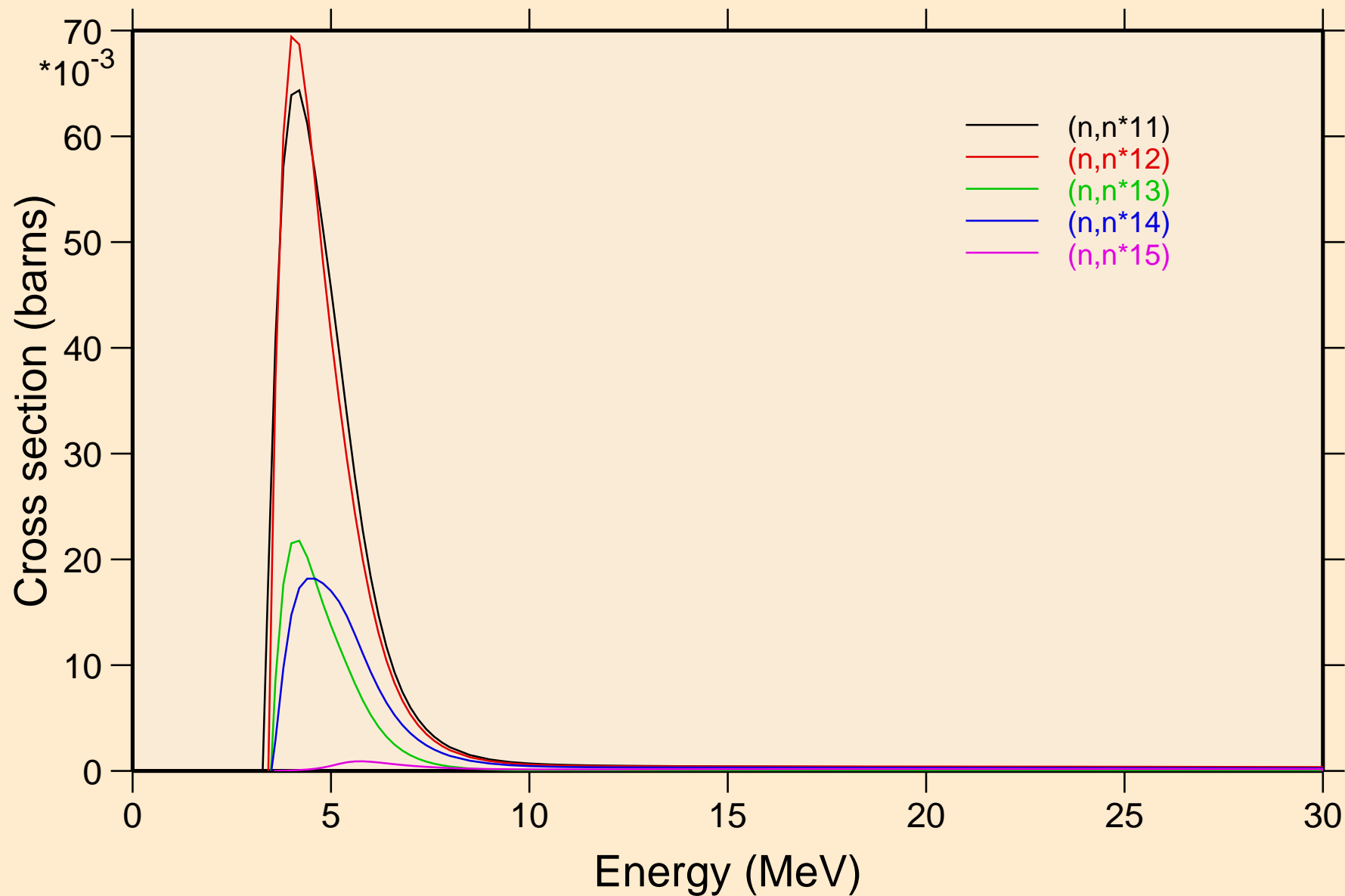
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



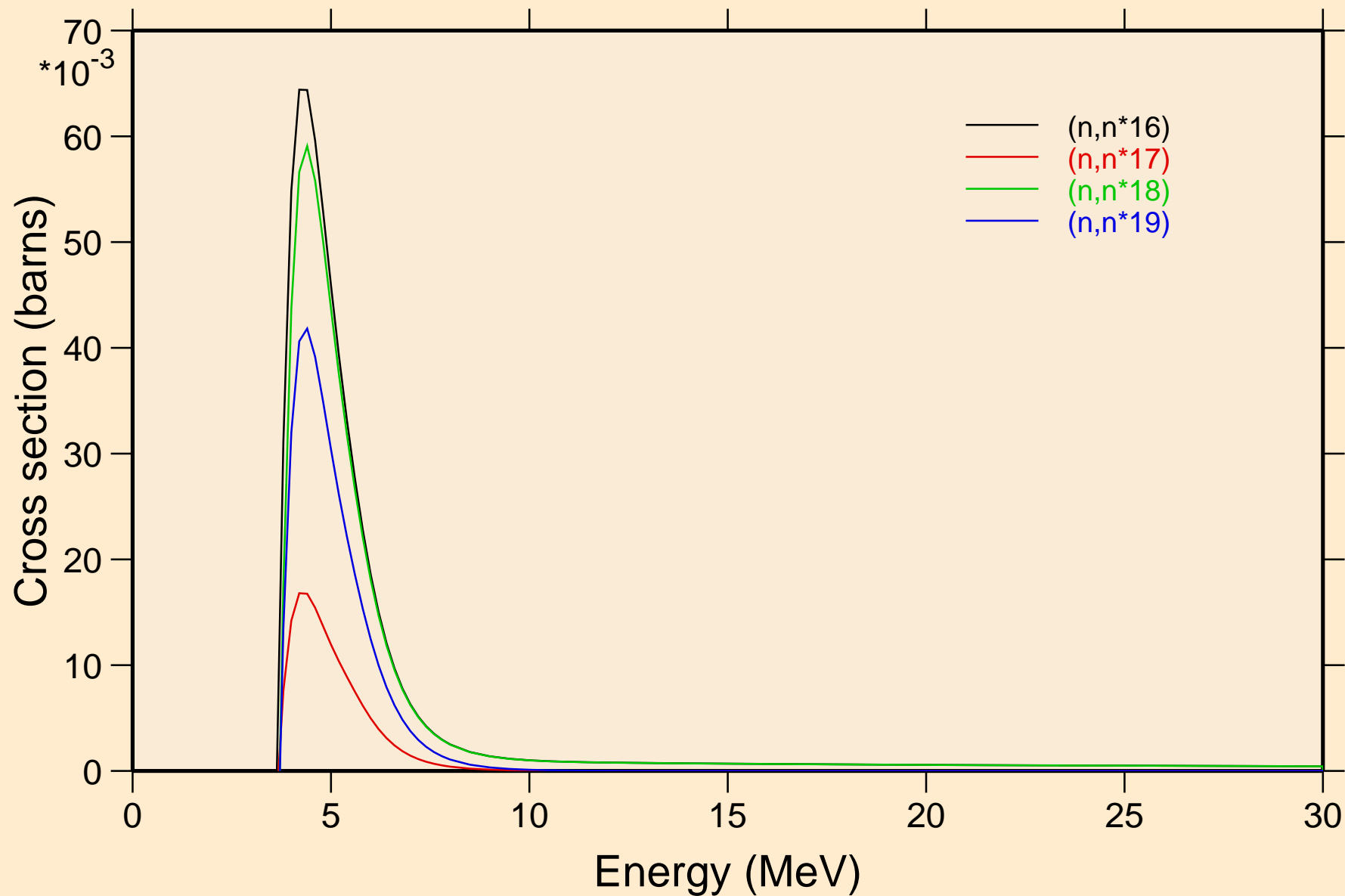
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



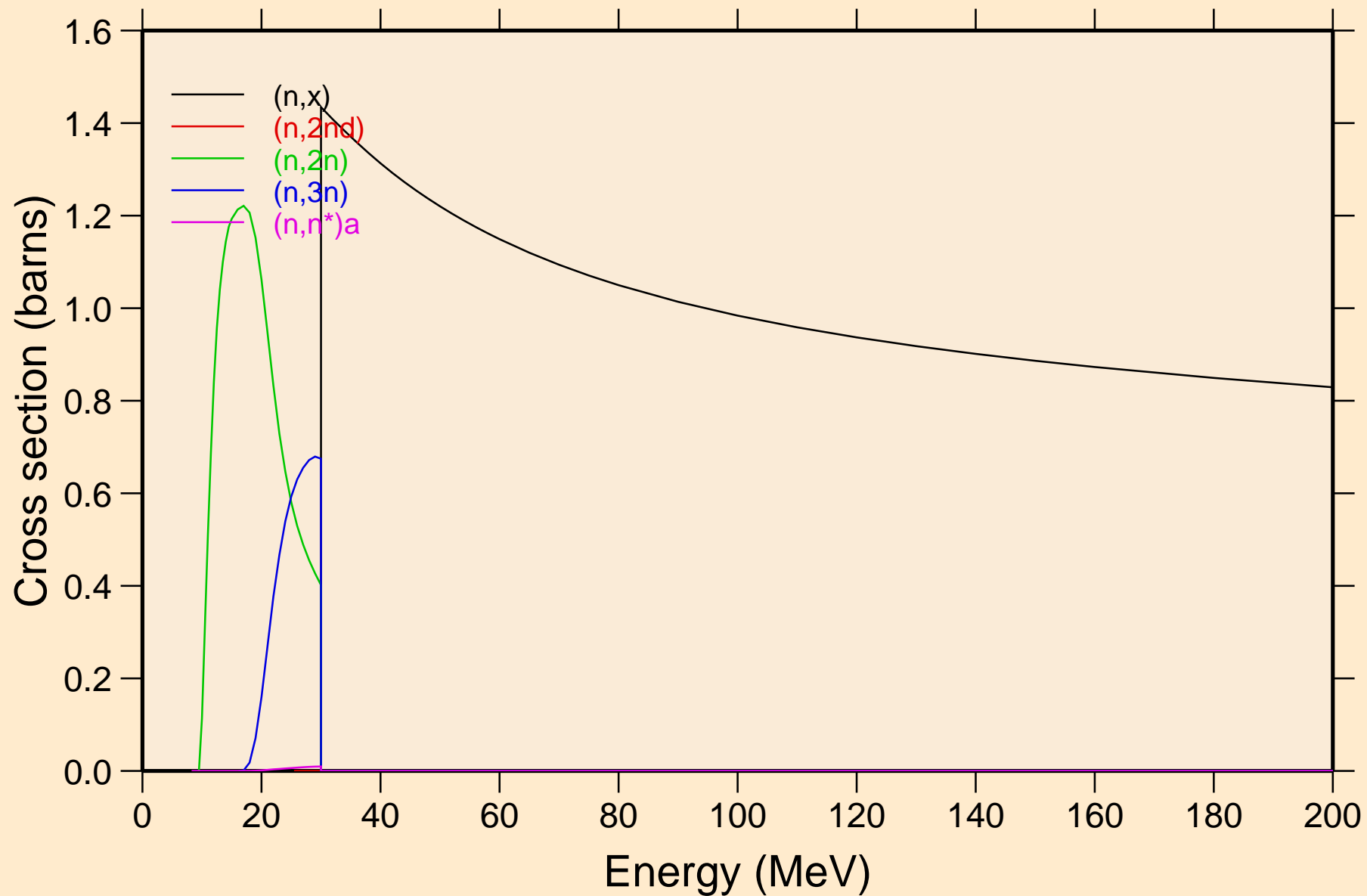
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

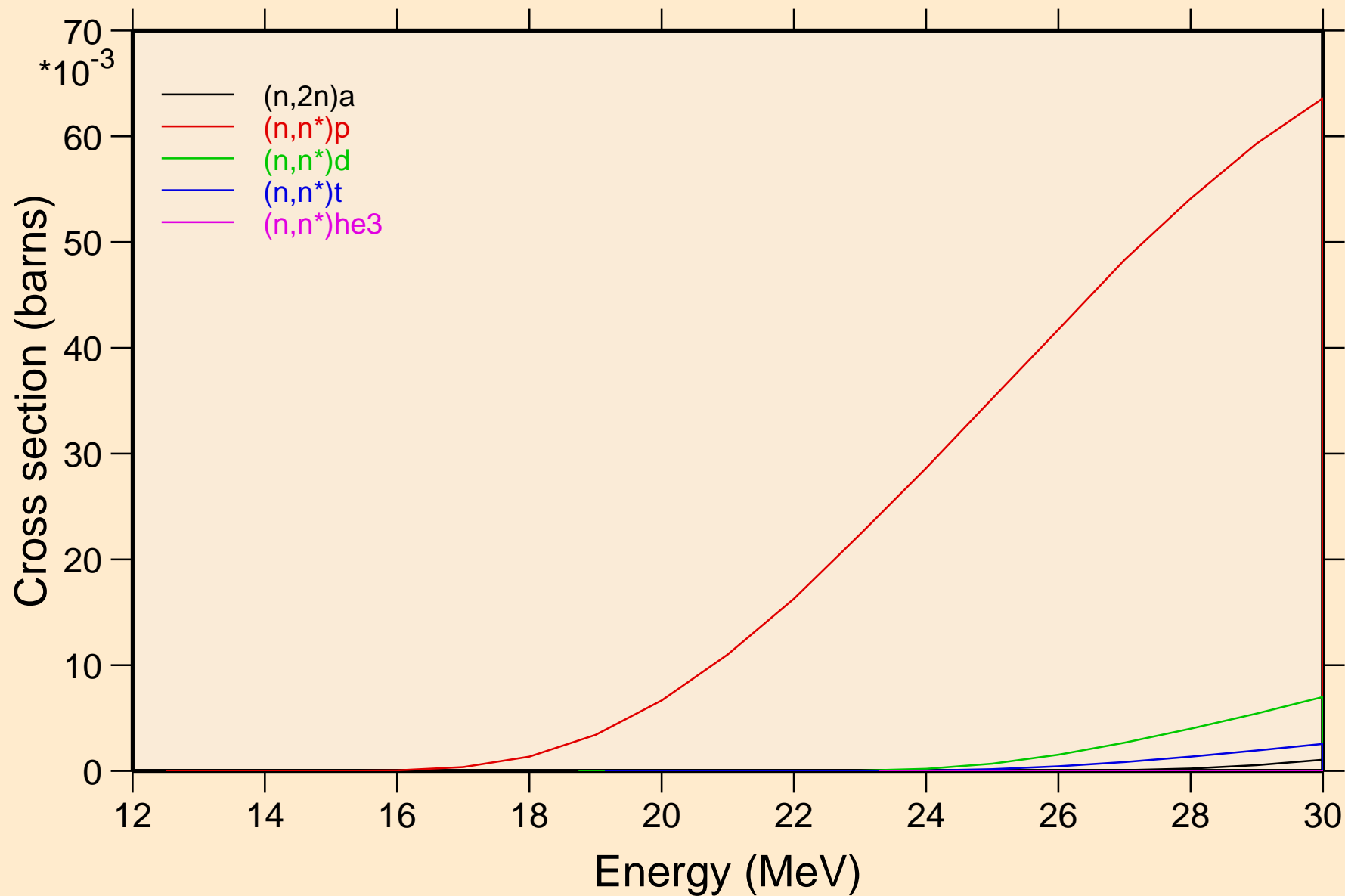


SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

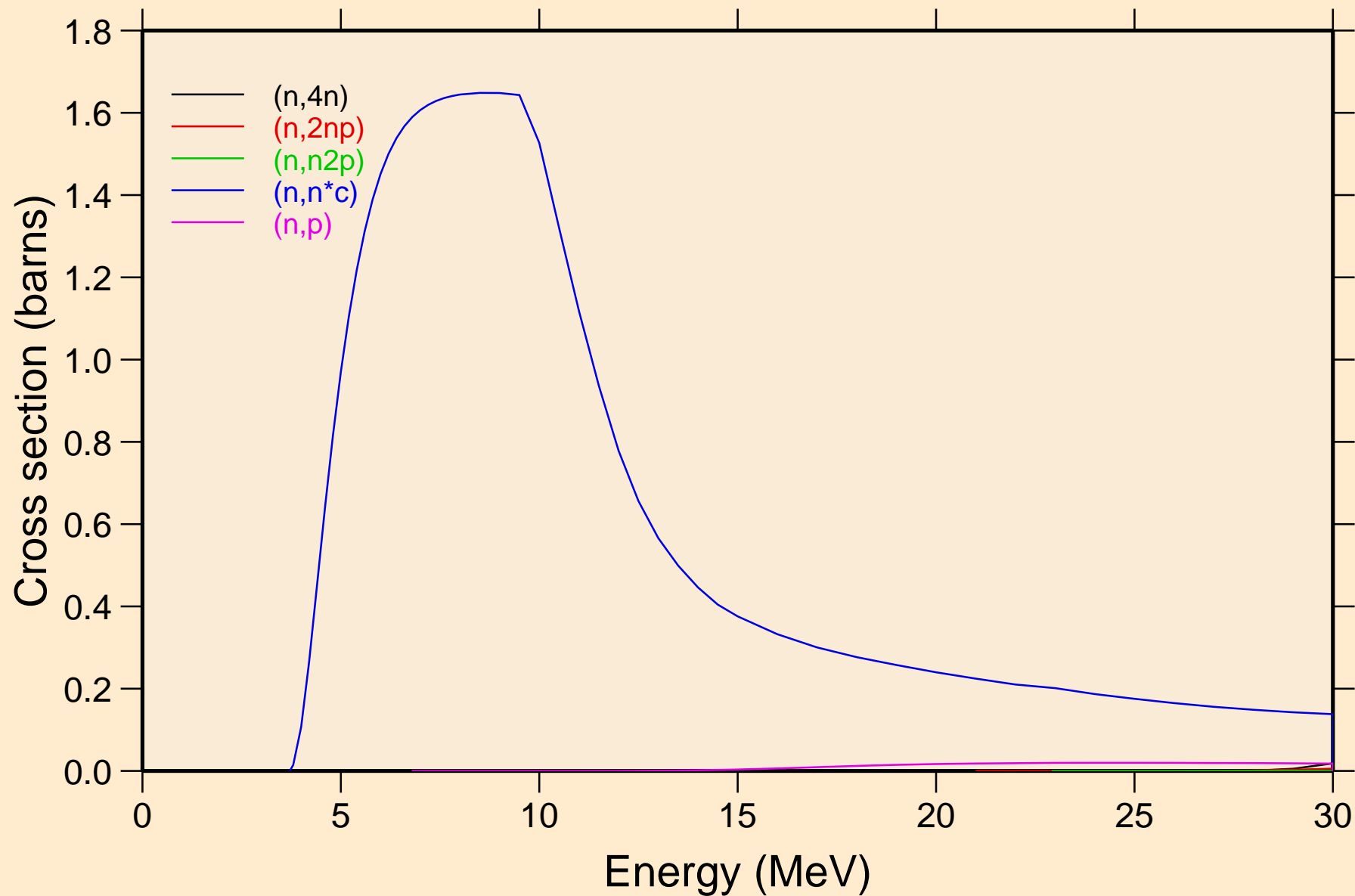


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

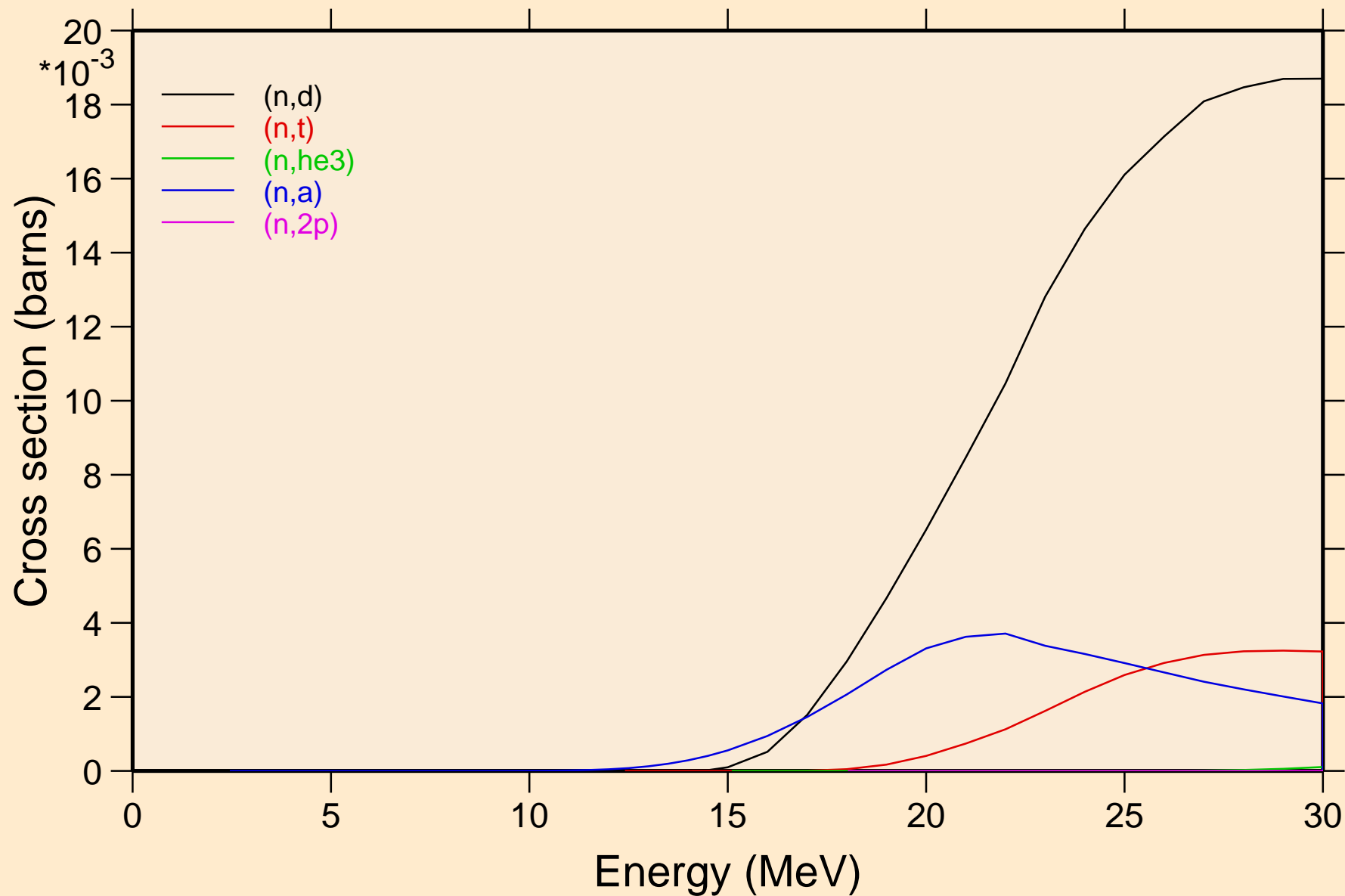
## Threshold reactions



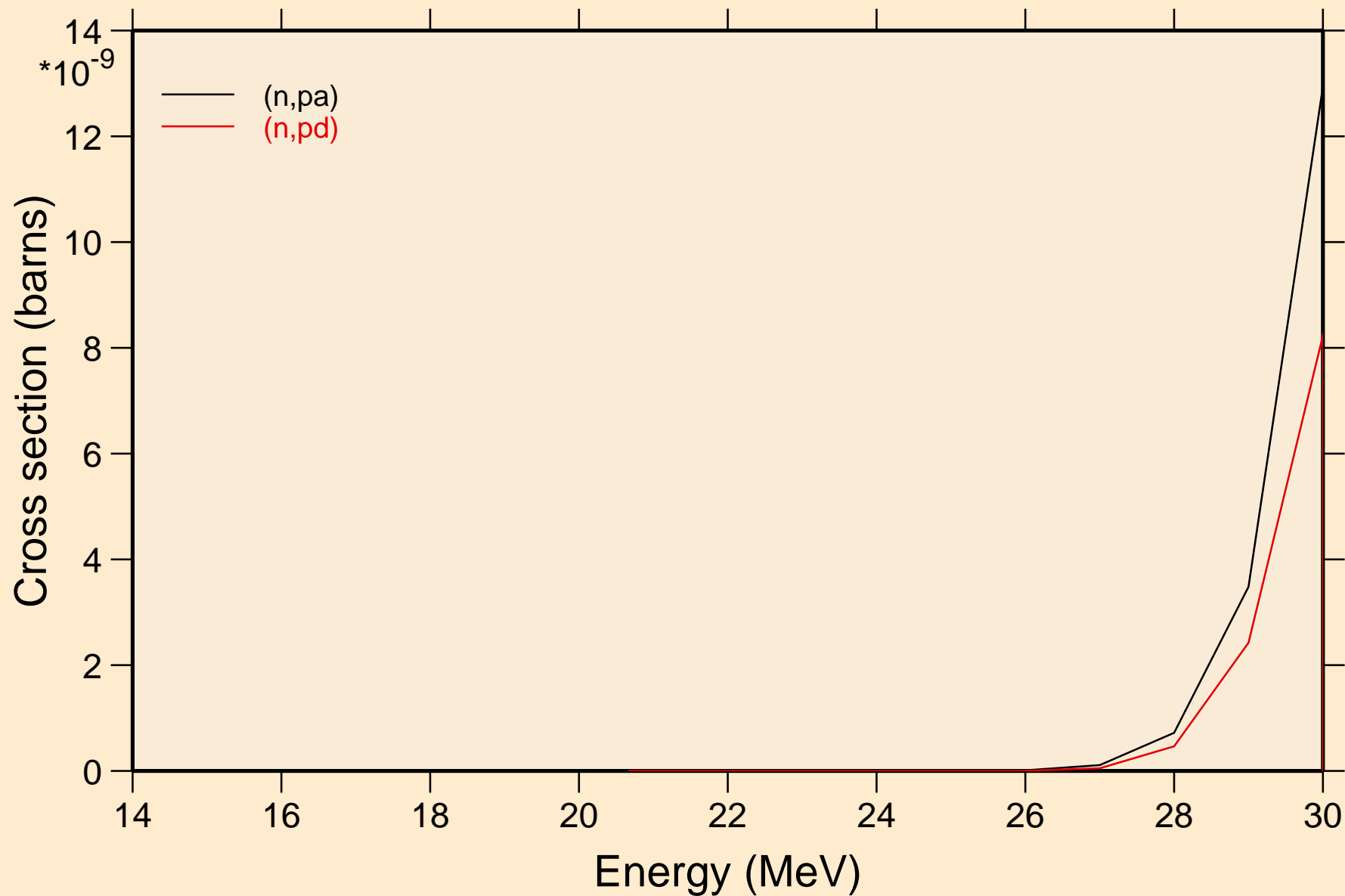
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

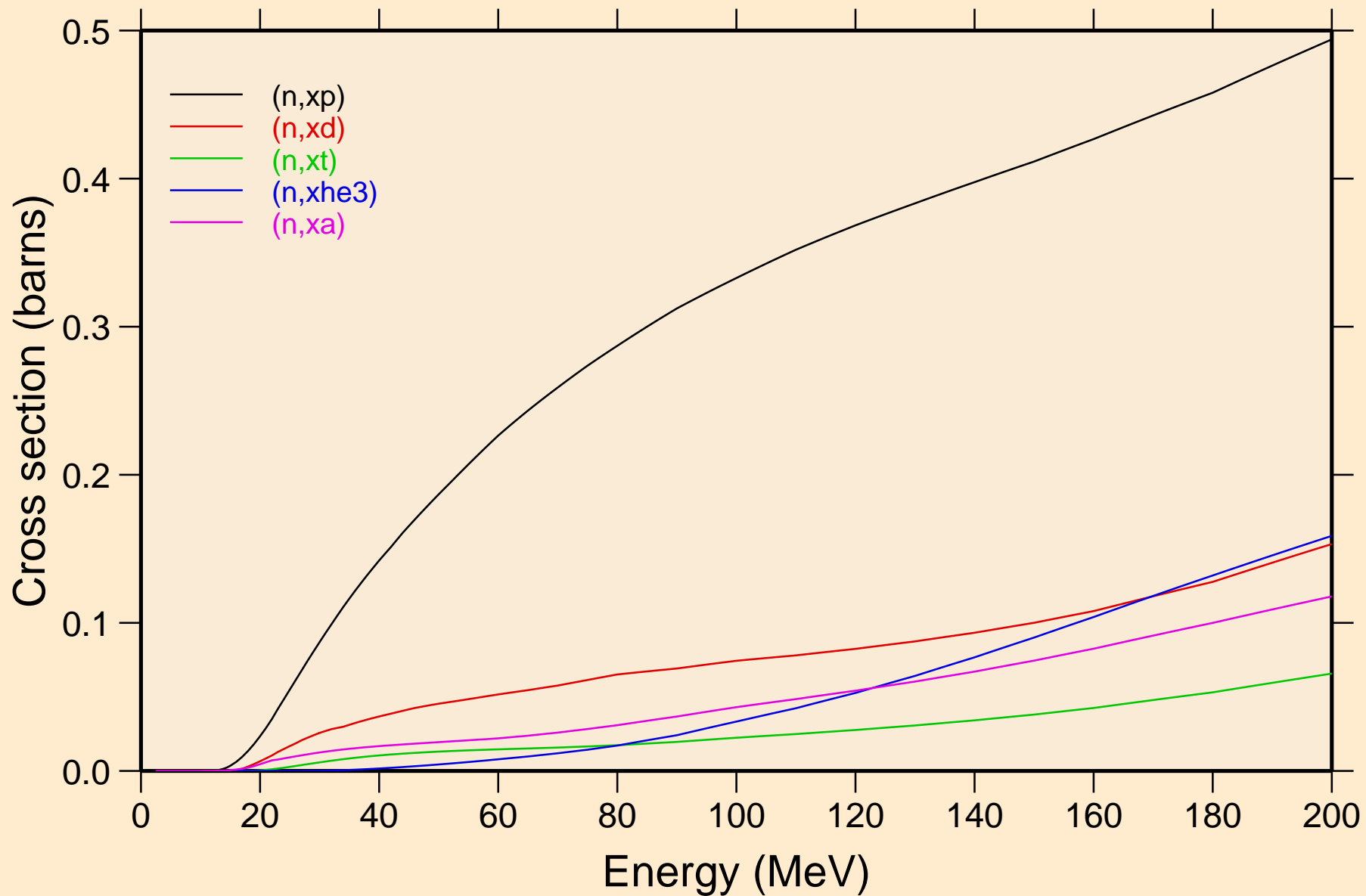


SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

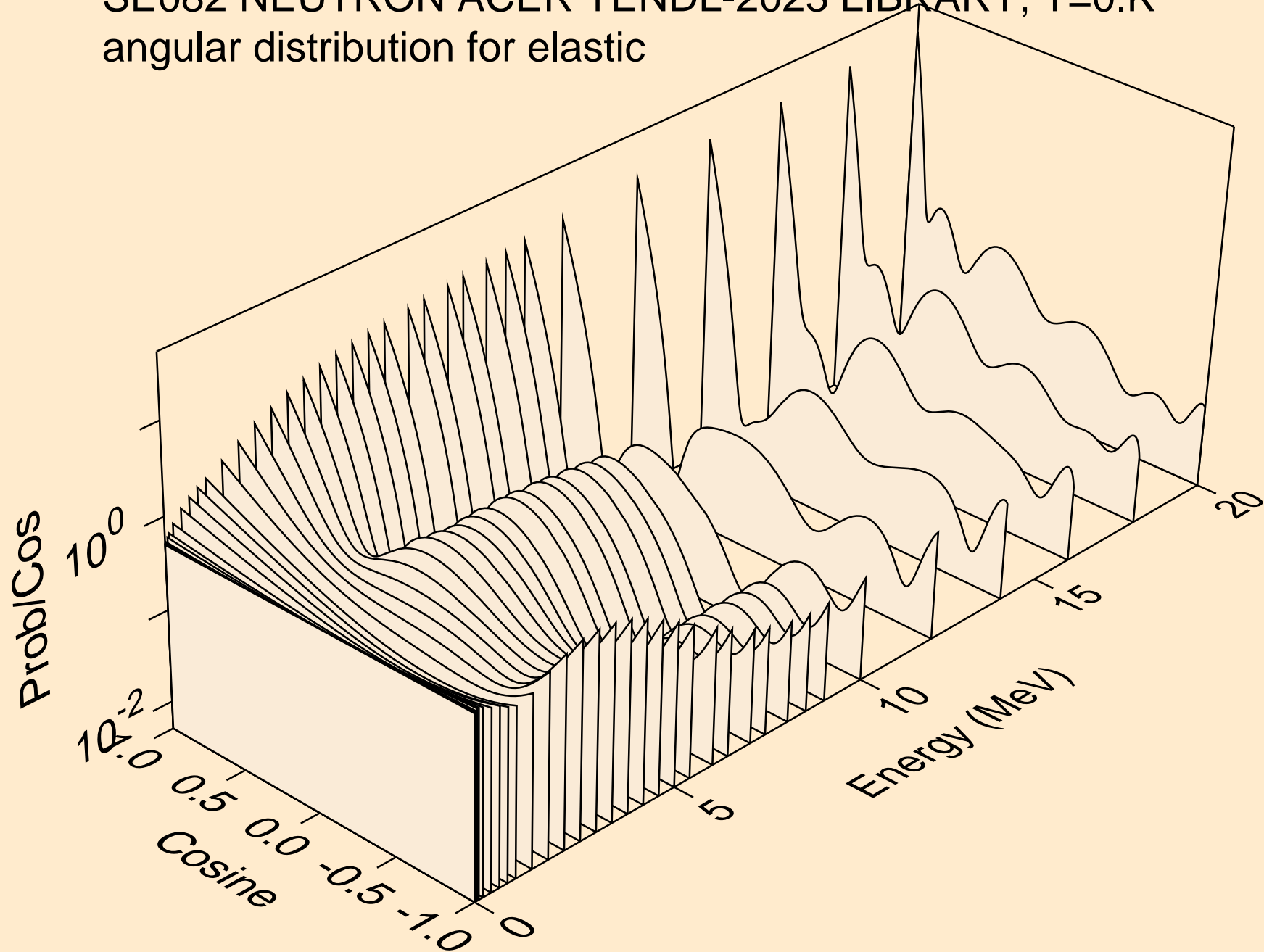


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

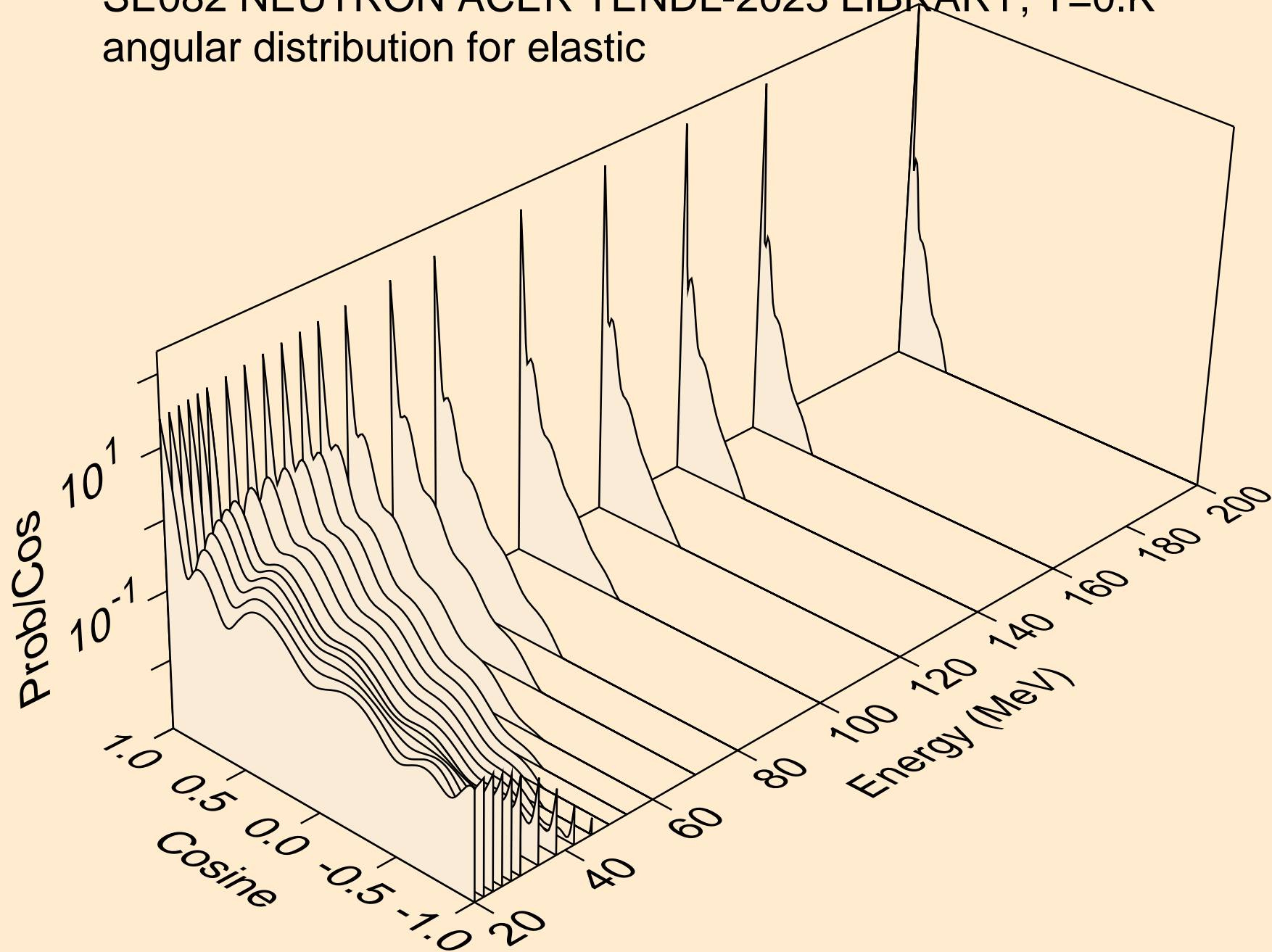
## Threshold reactions



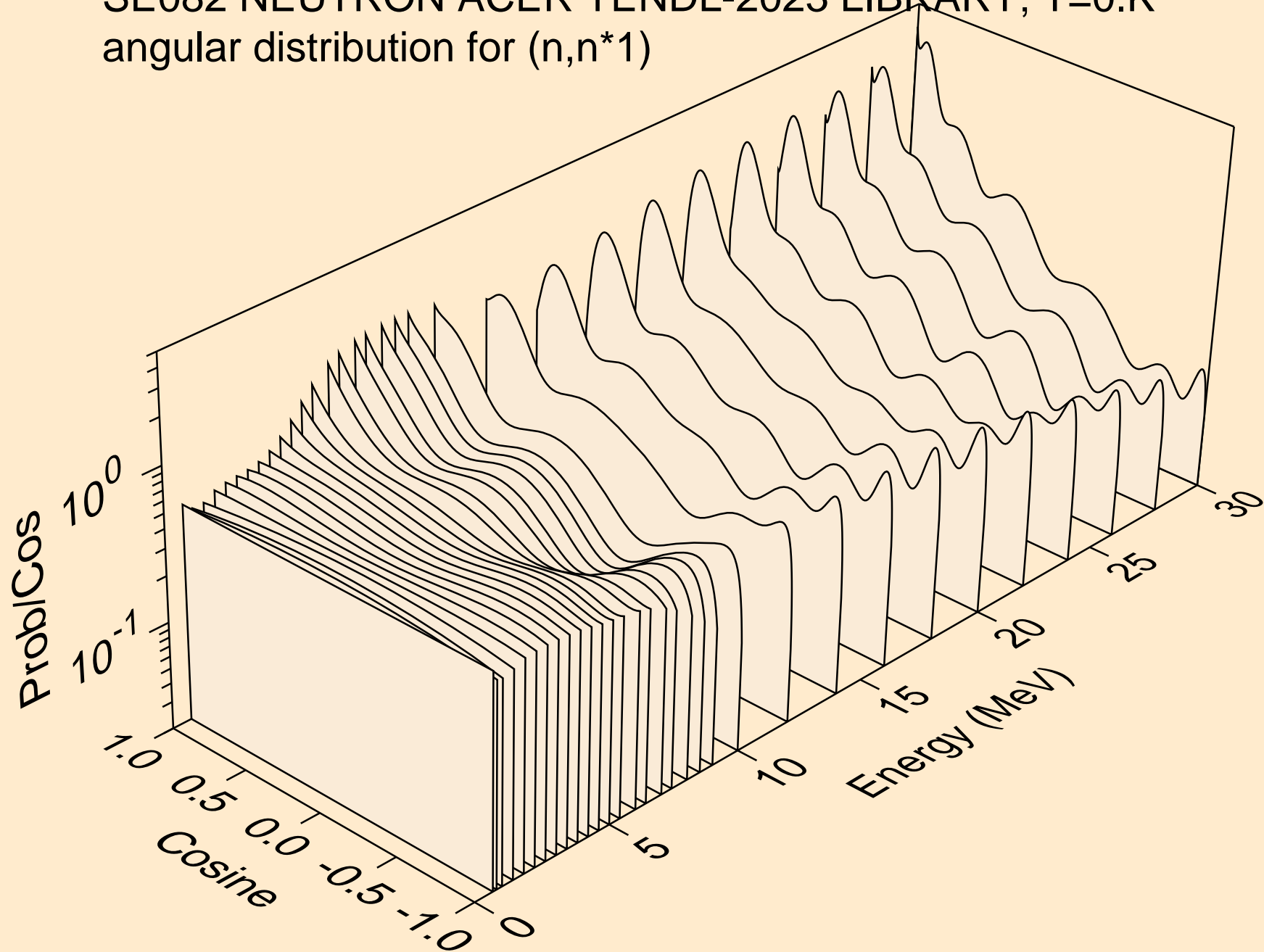
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



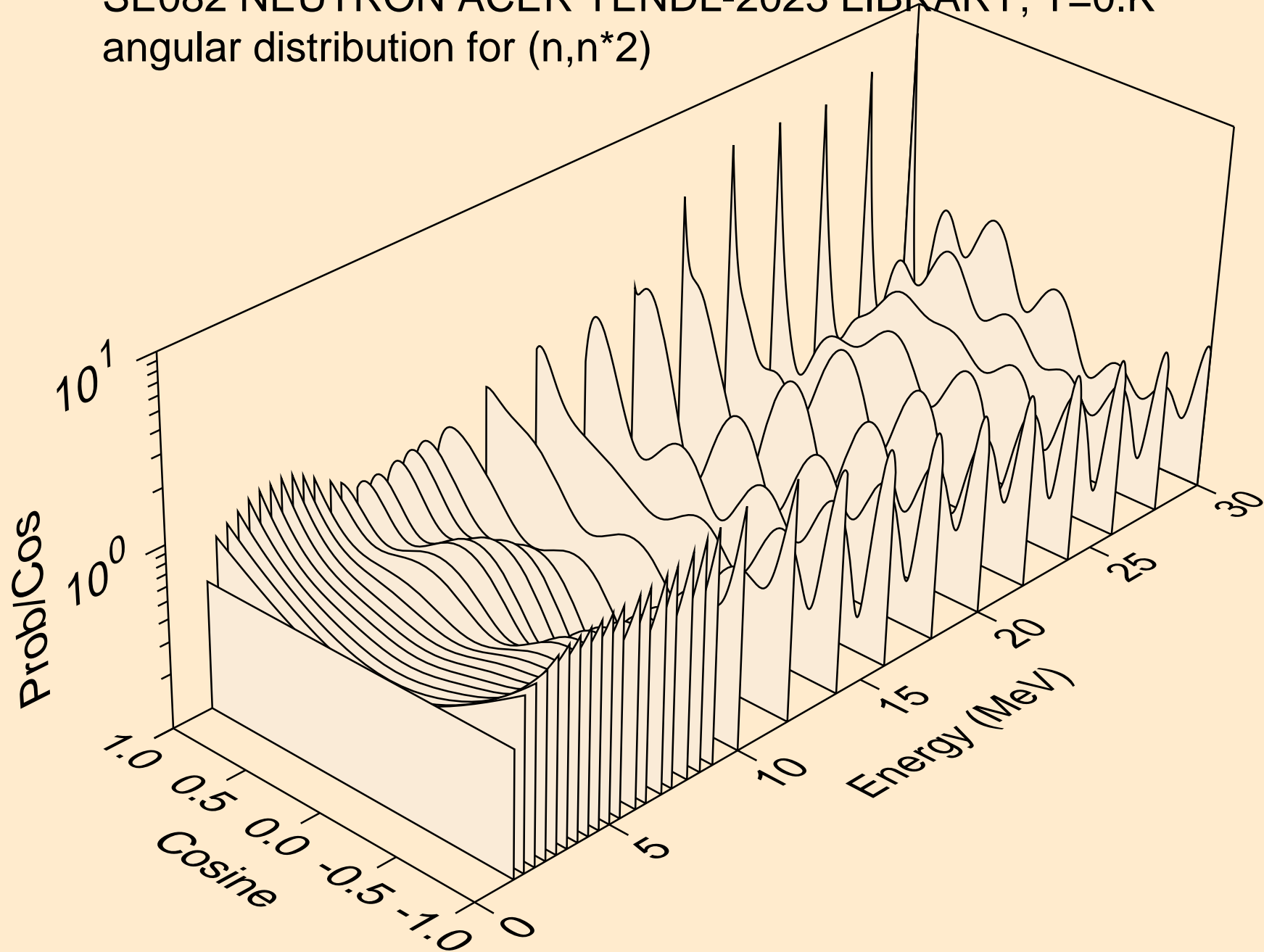
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



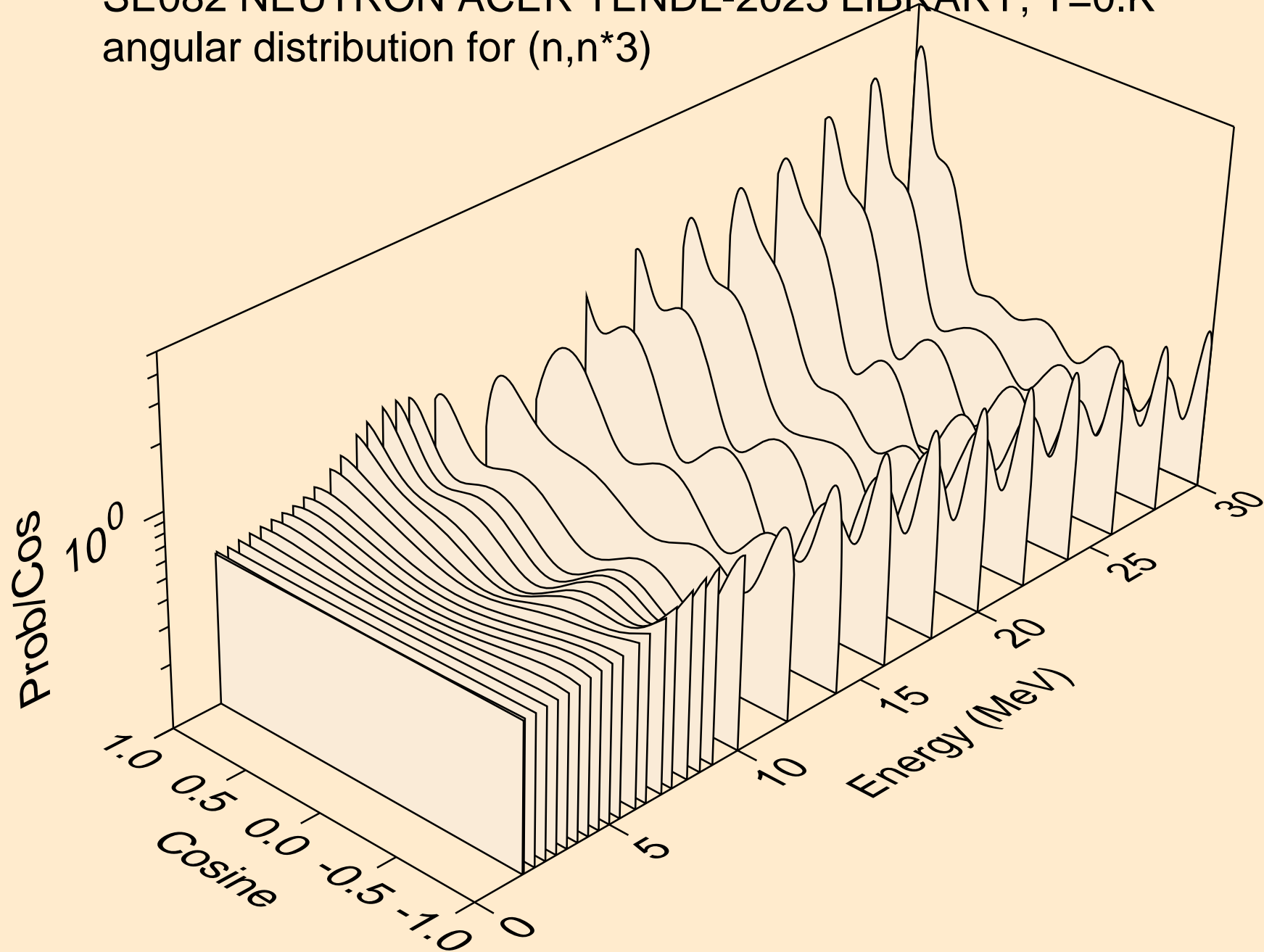
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



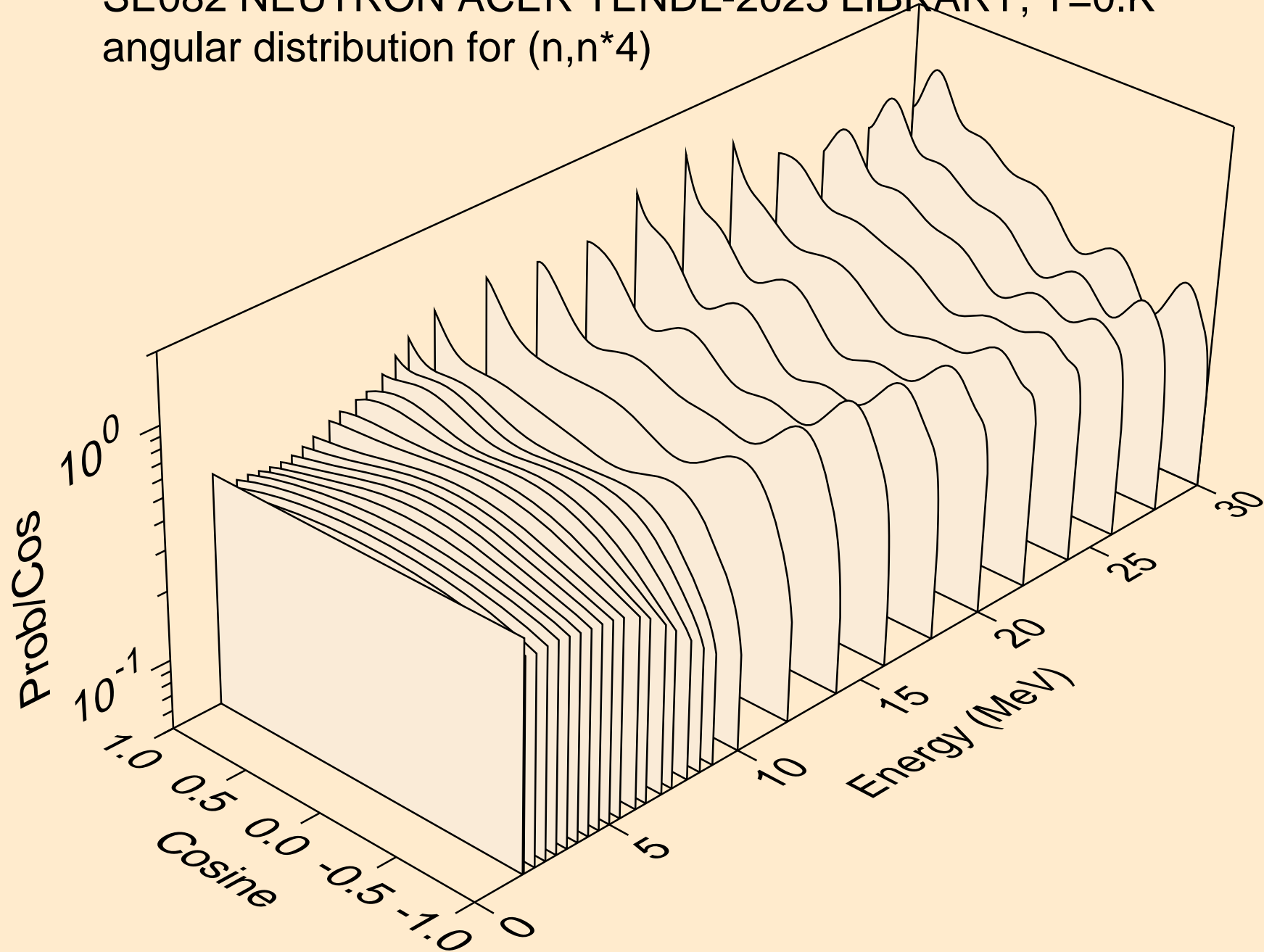
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



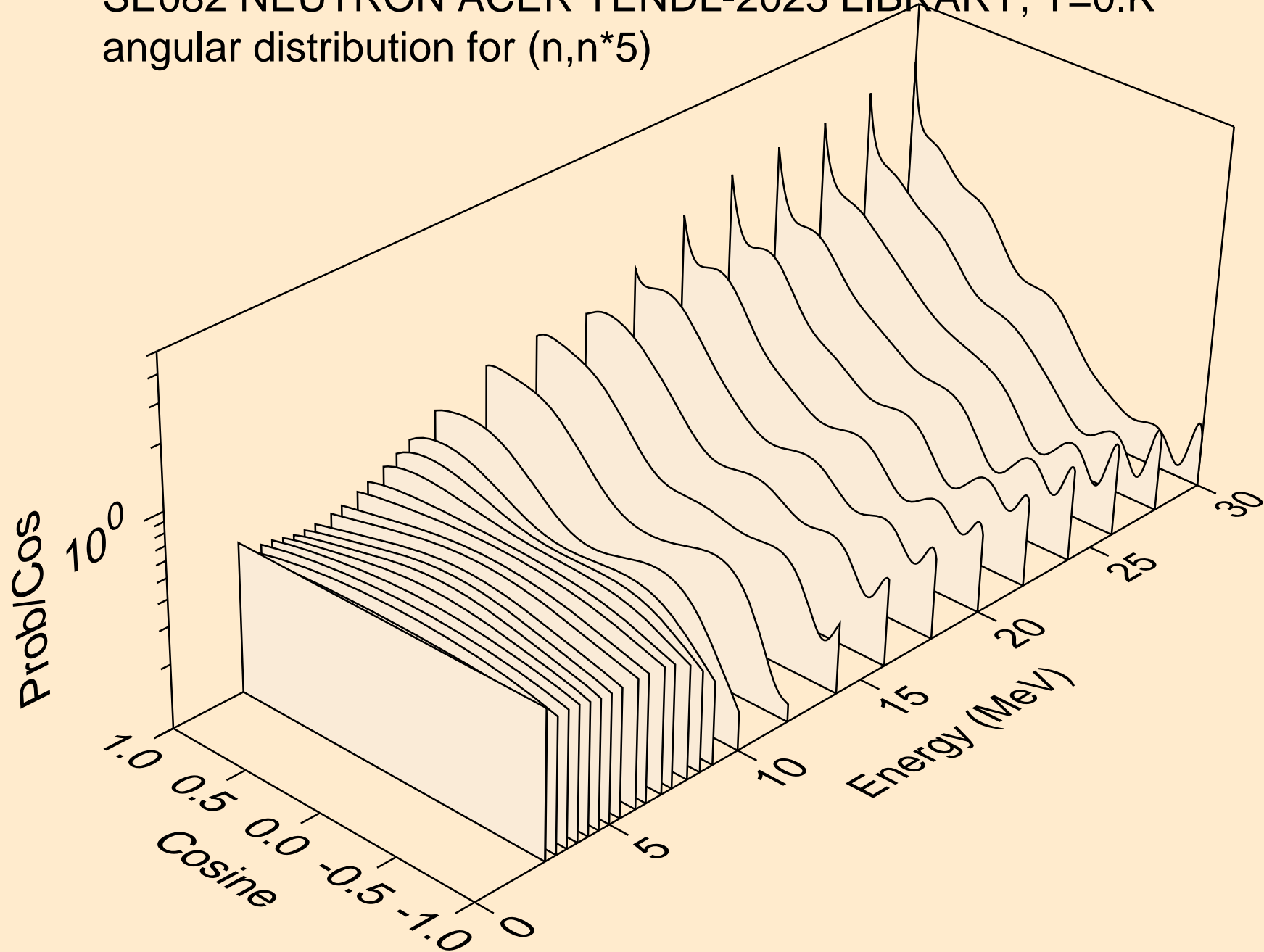
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



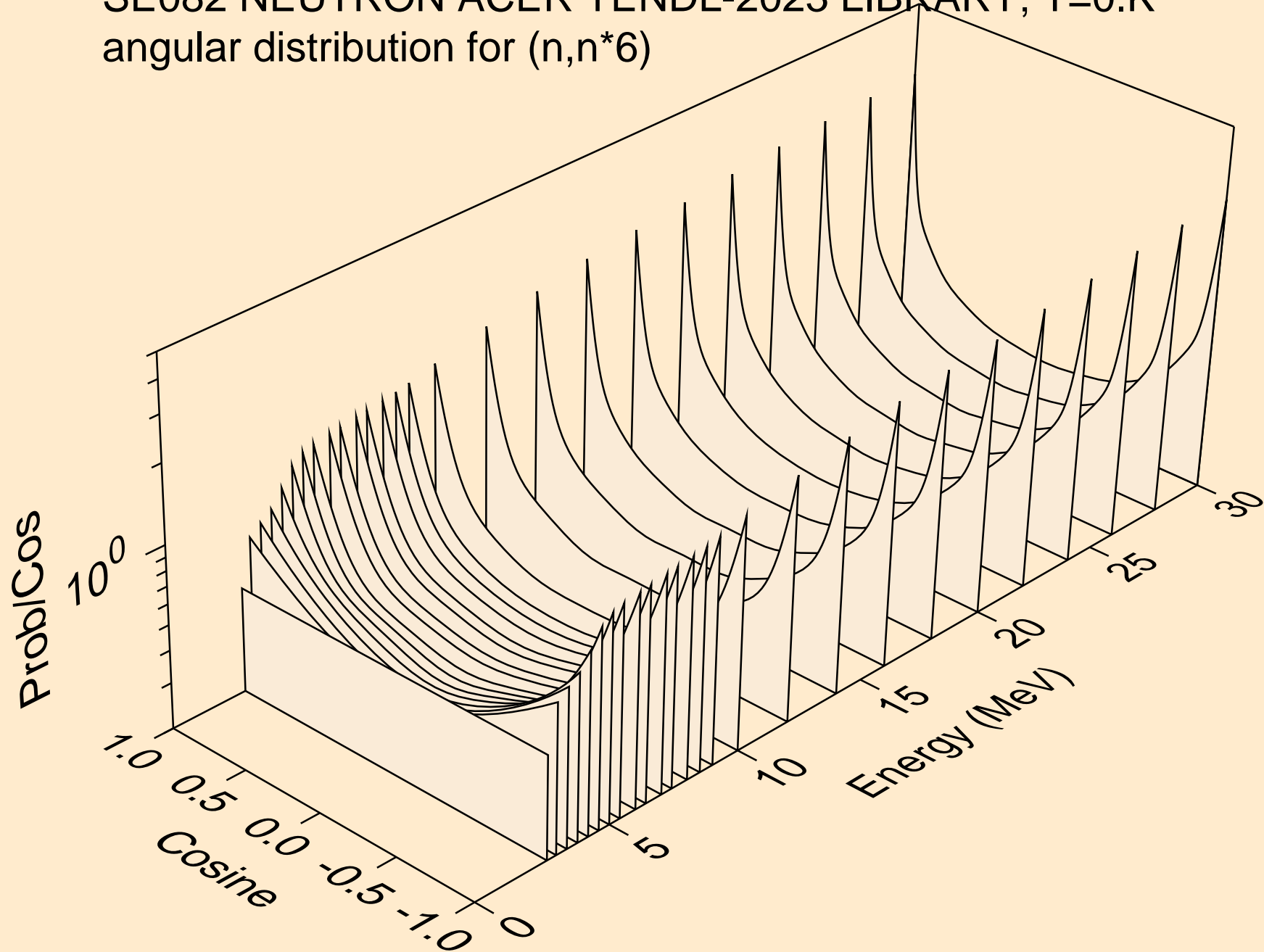
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



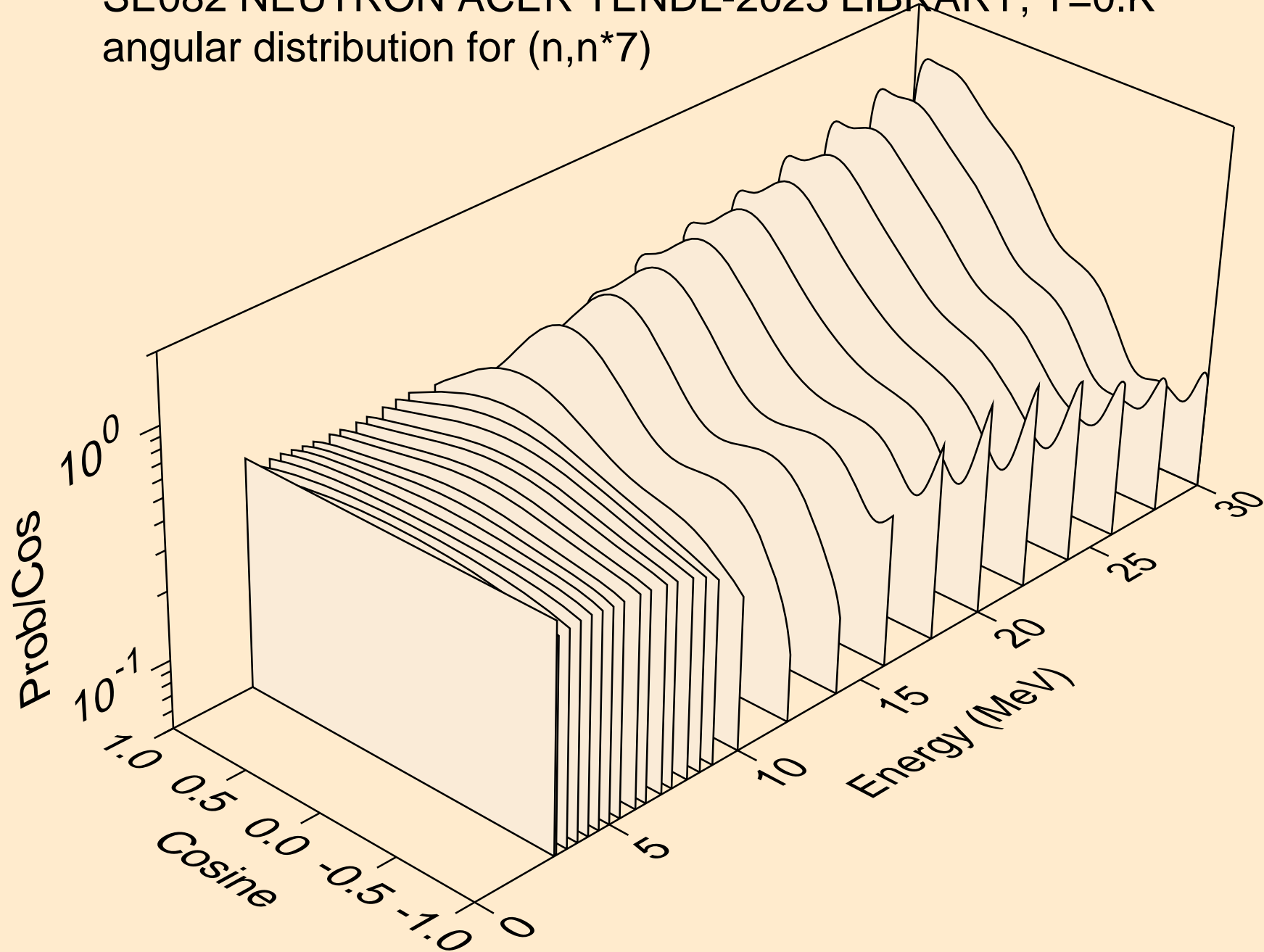
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



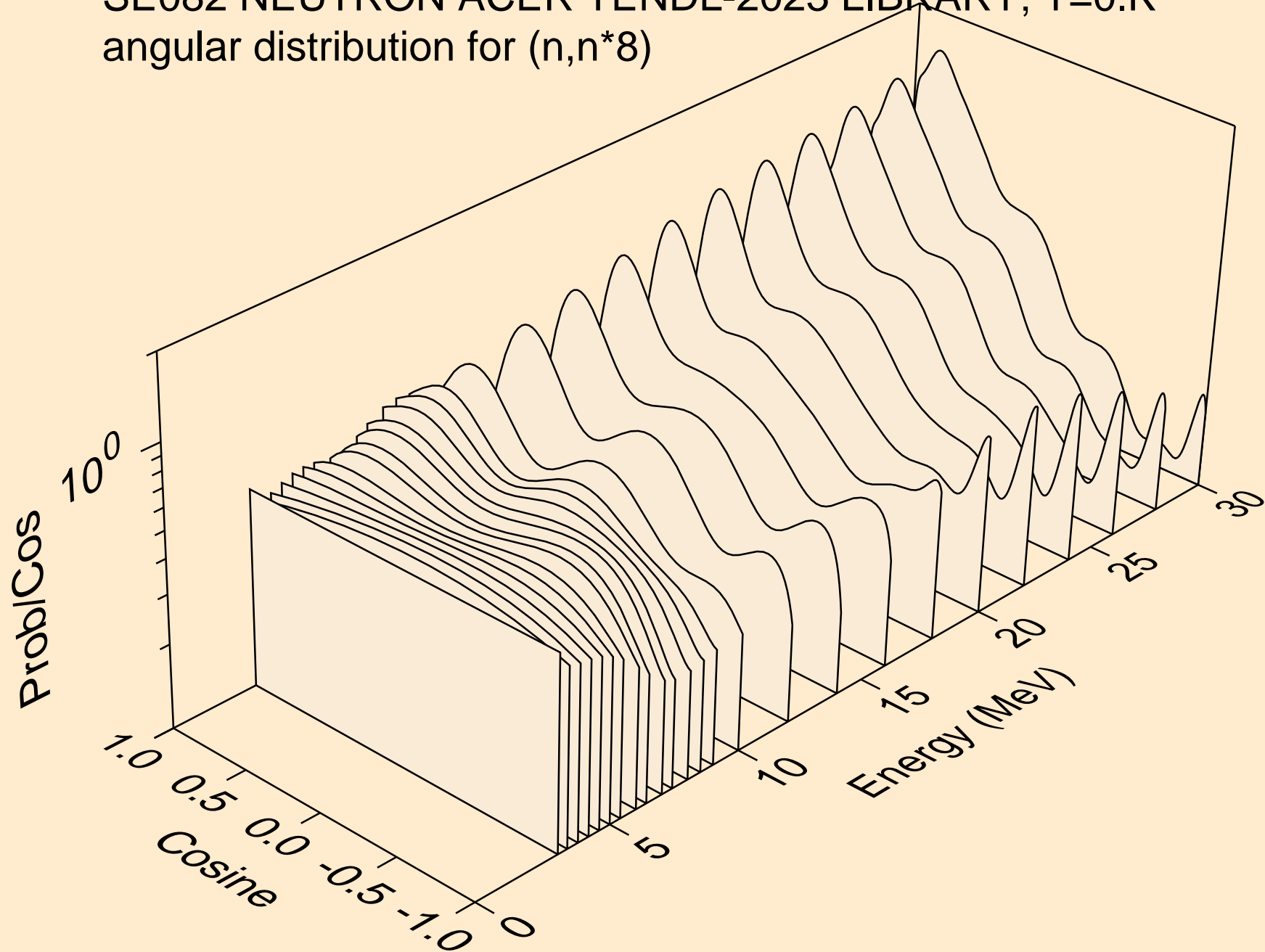
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



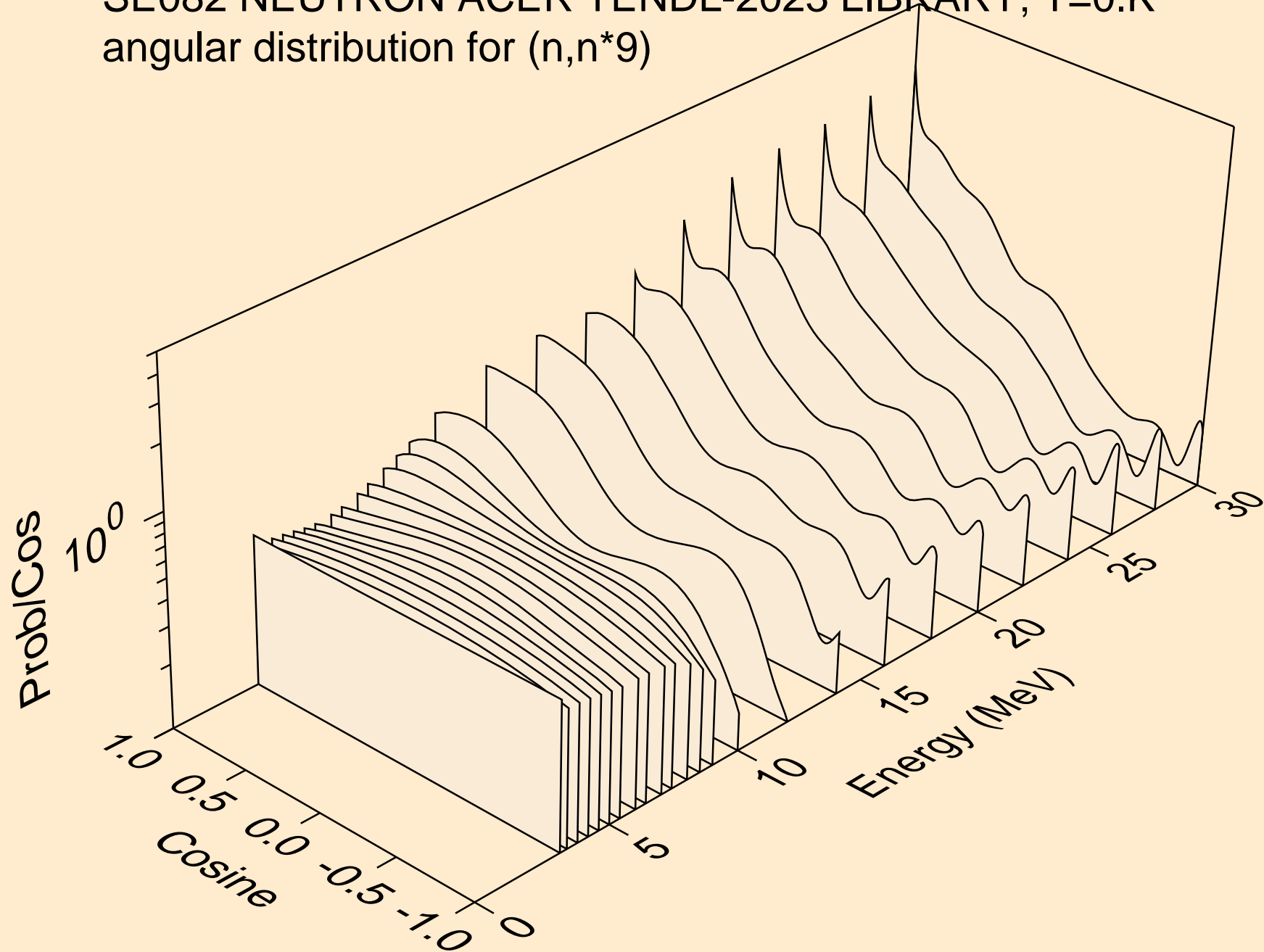
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



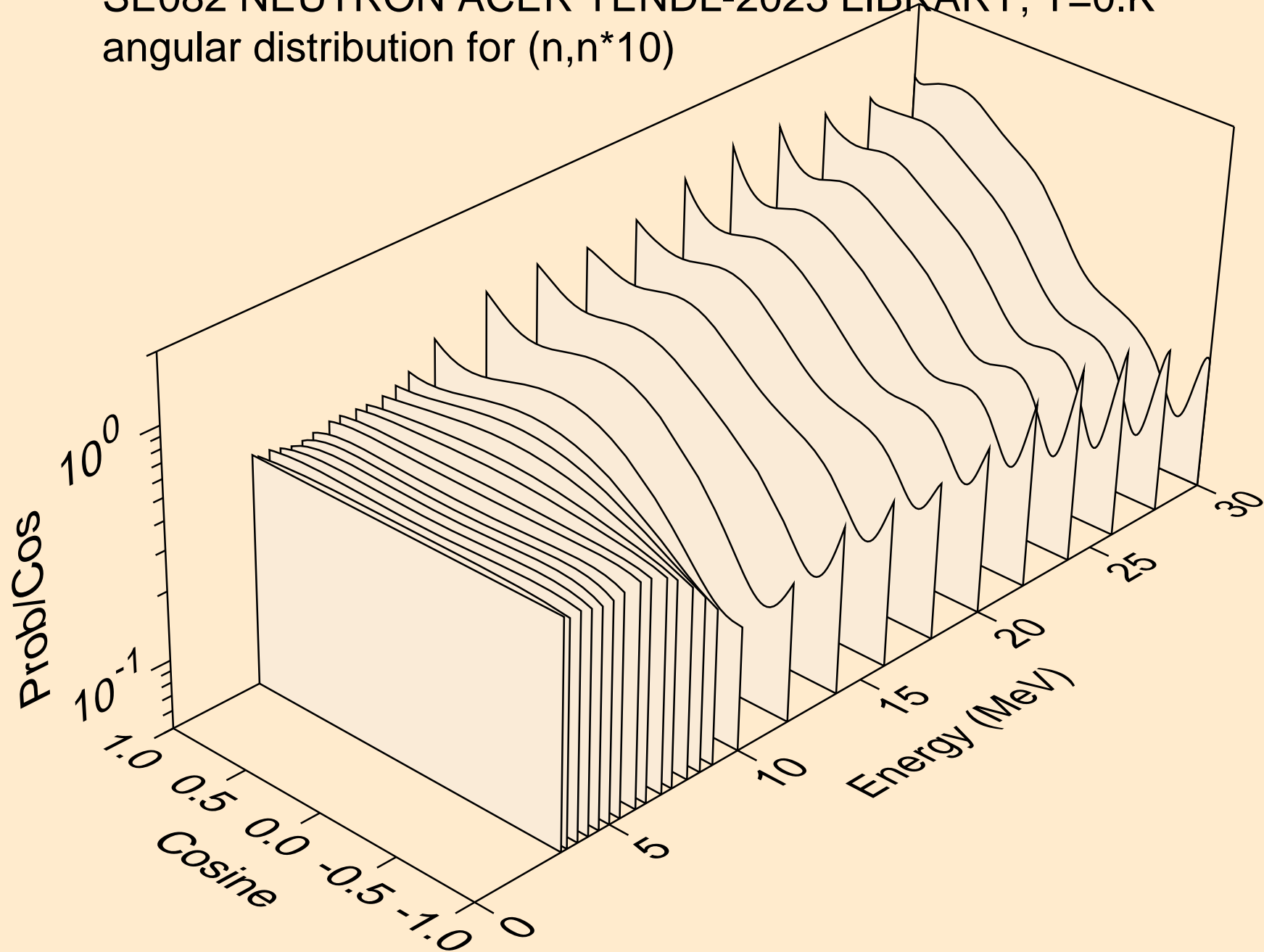
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



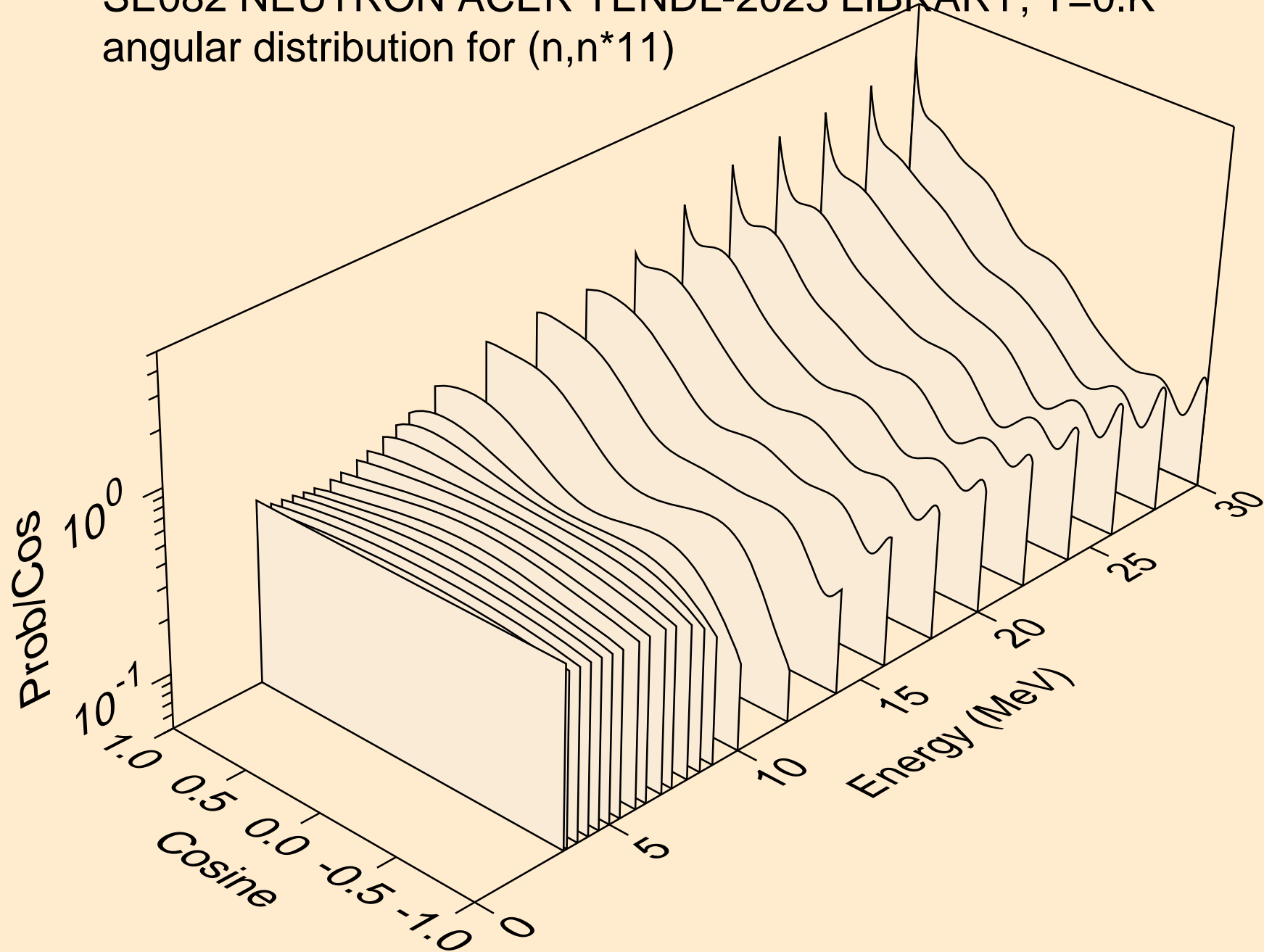
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



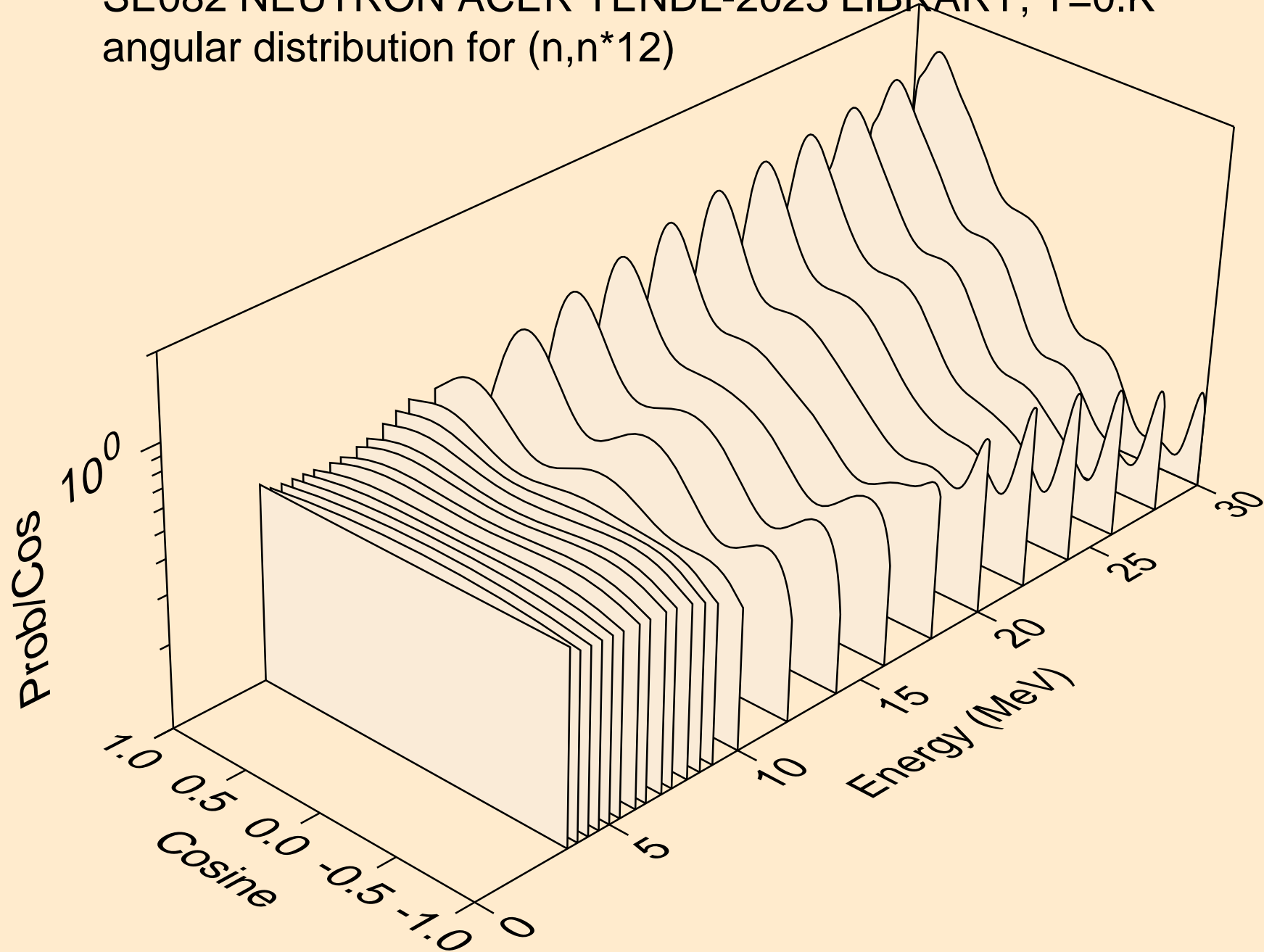
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



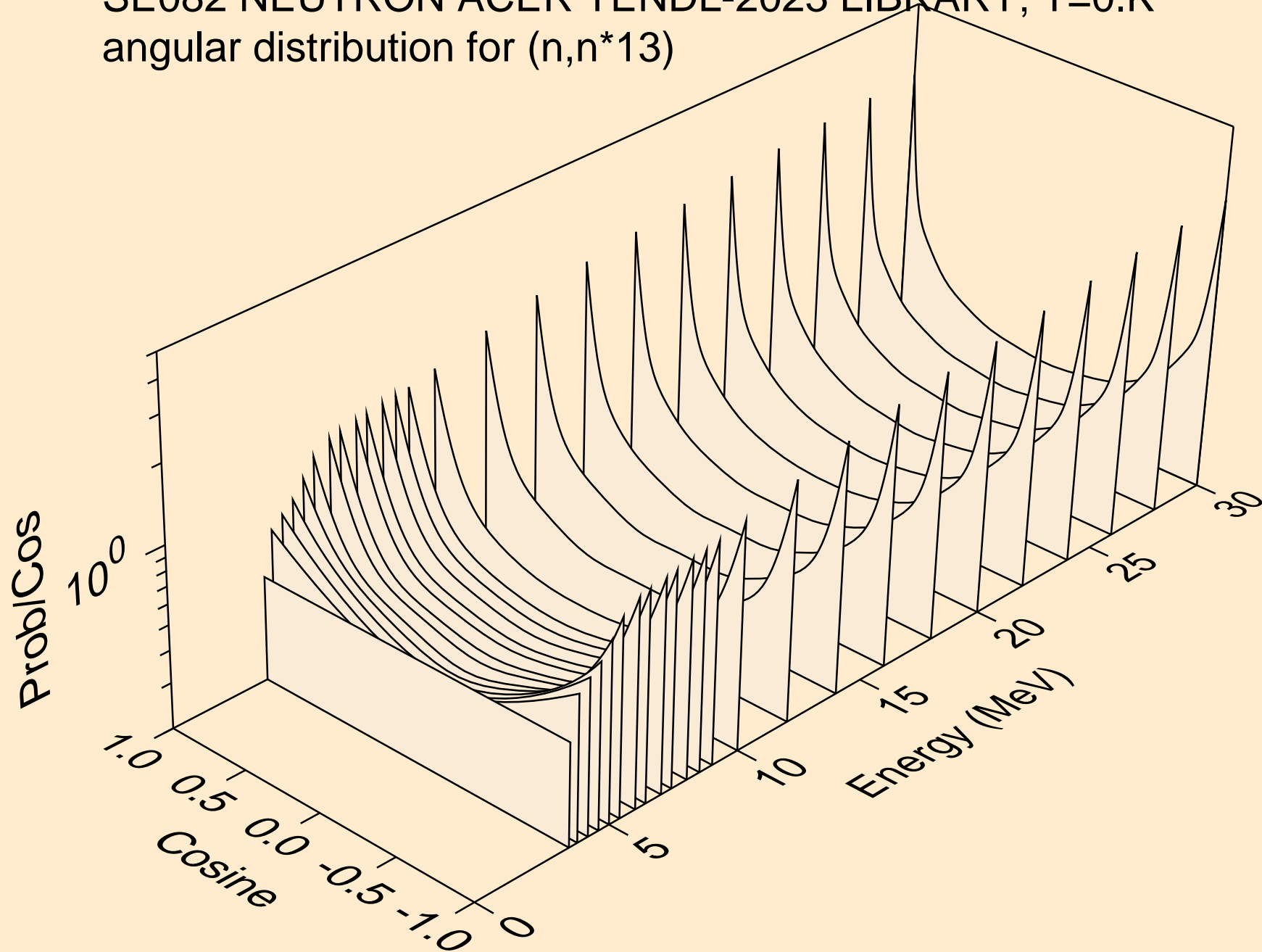
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



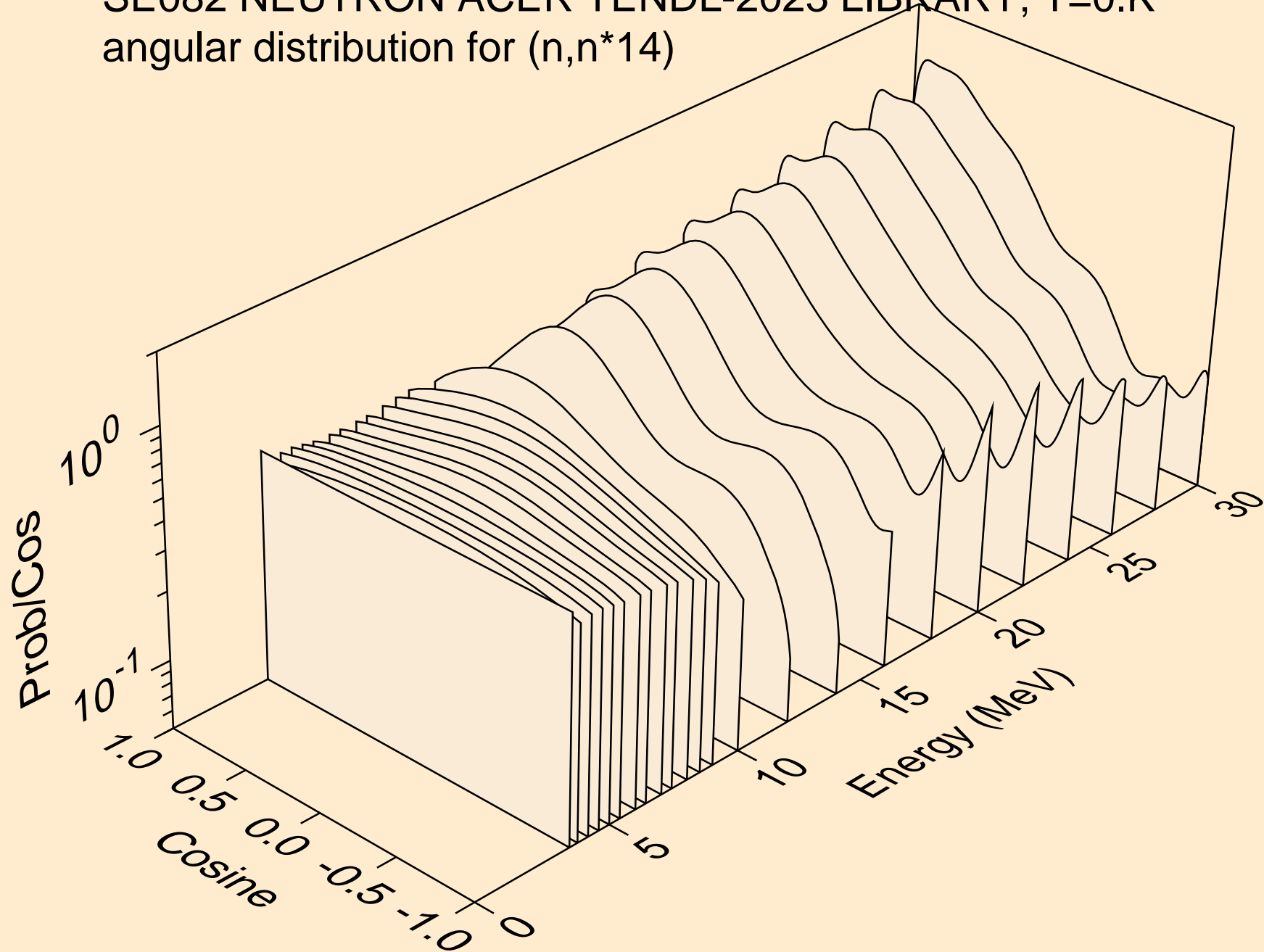
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



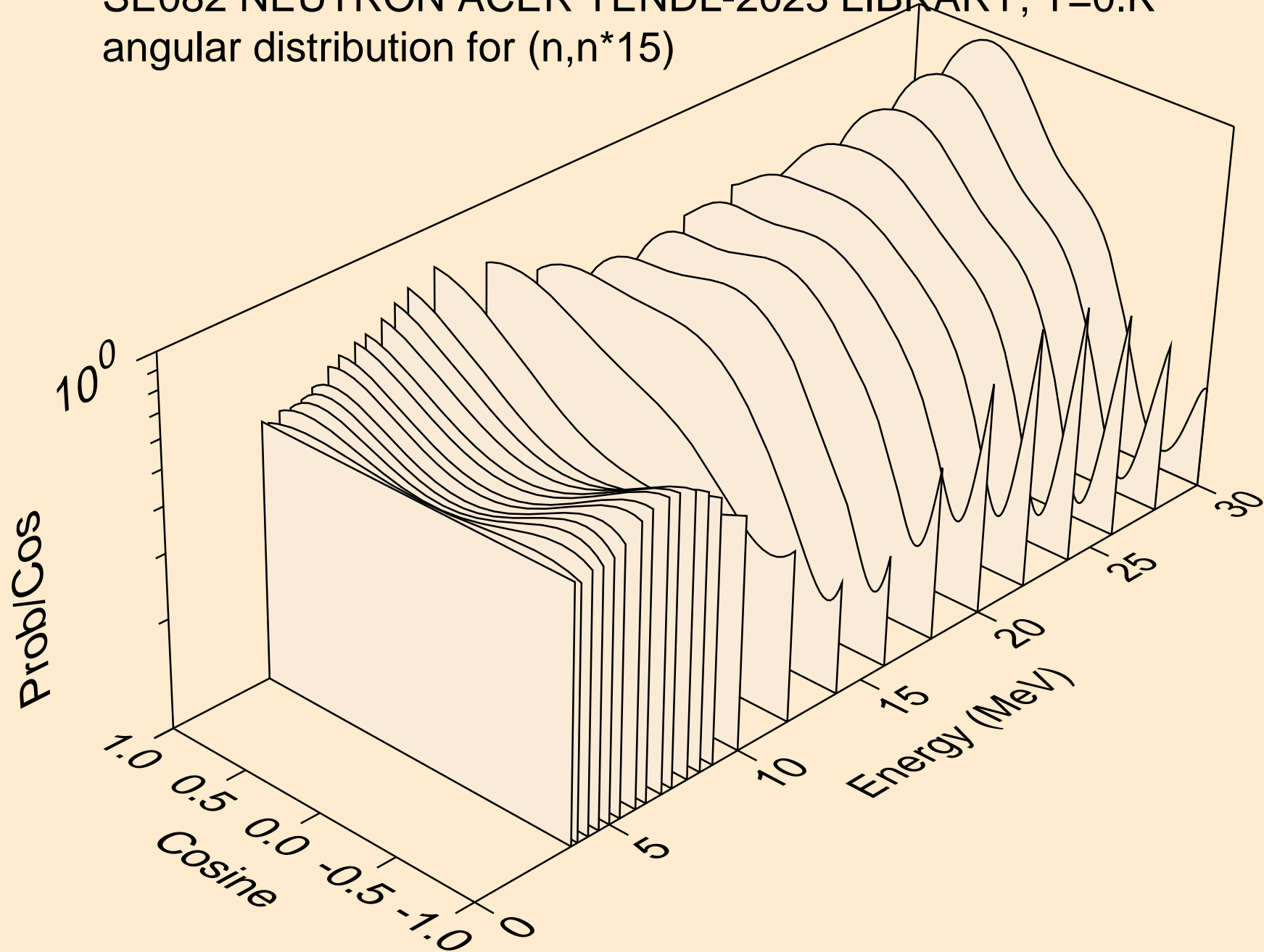
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



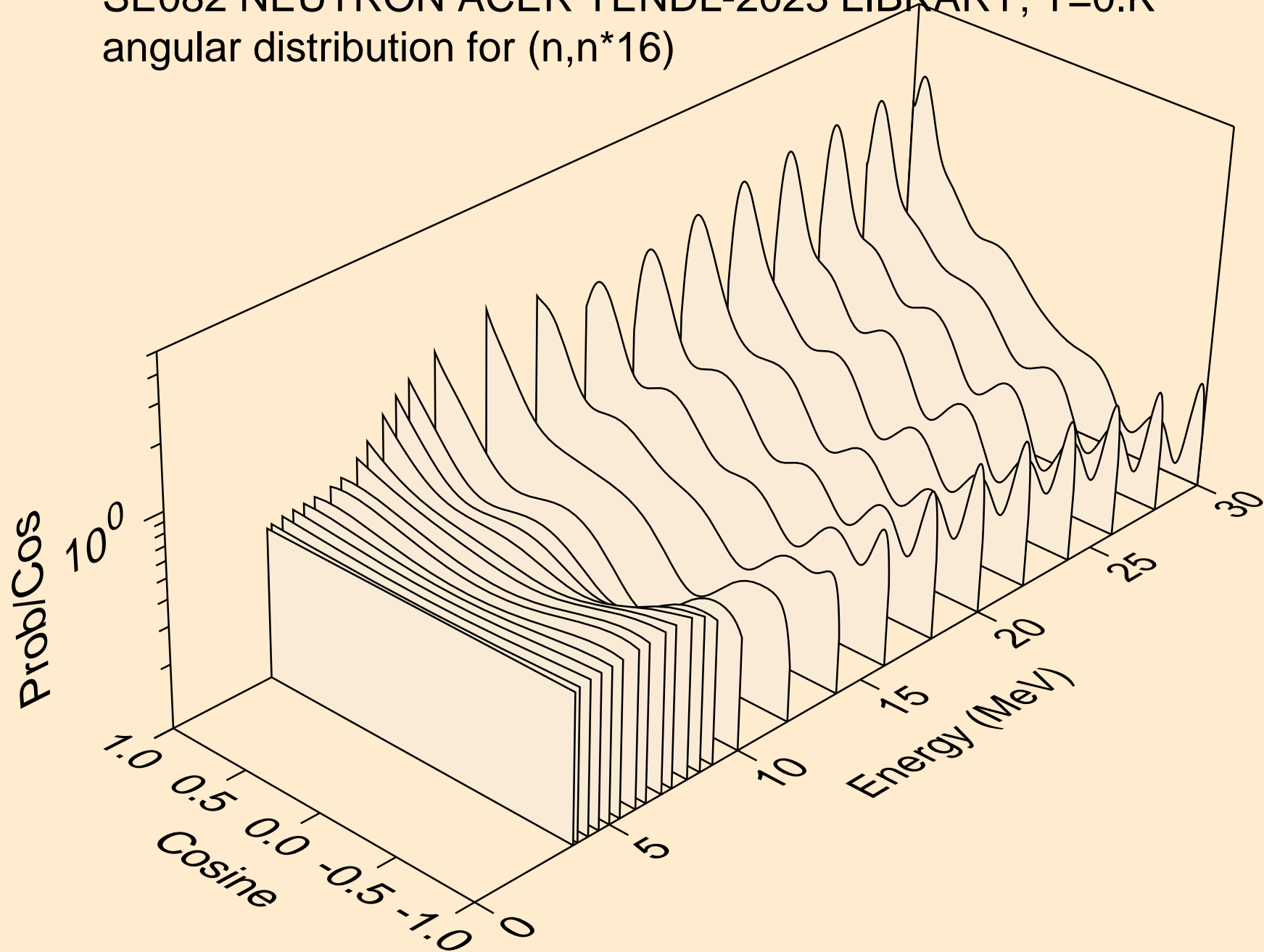
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



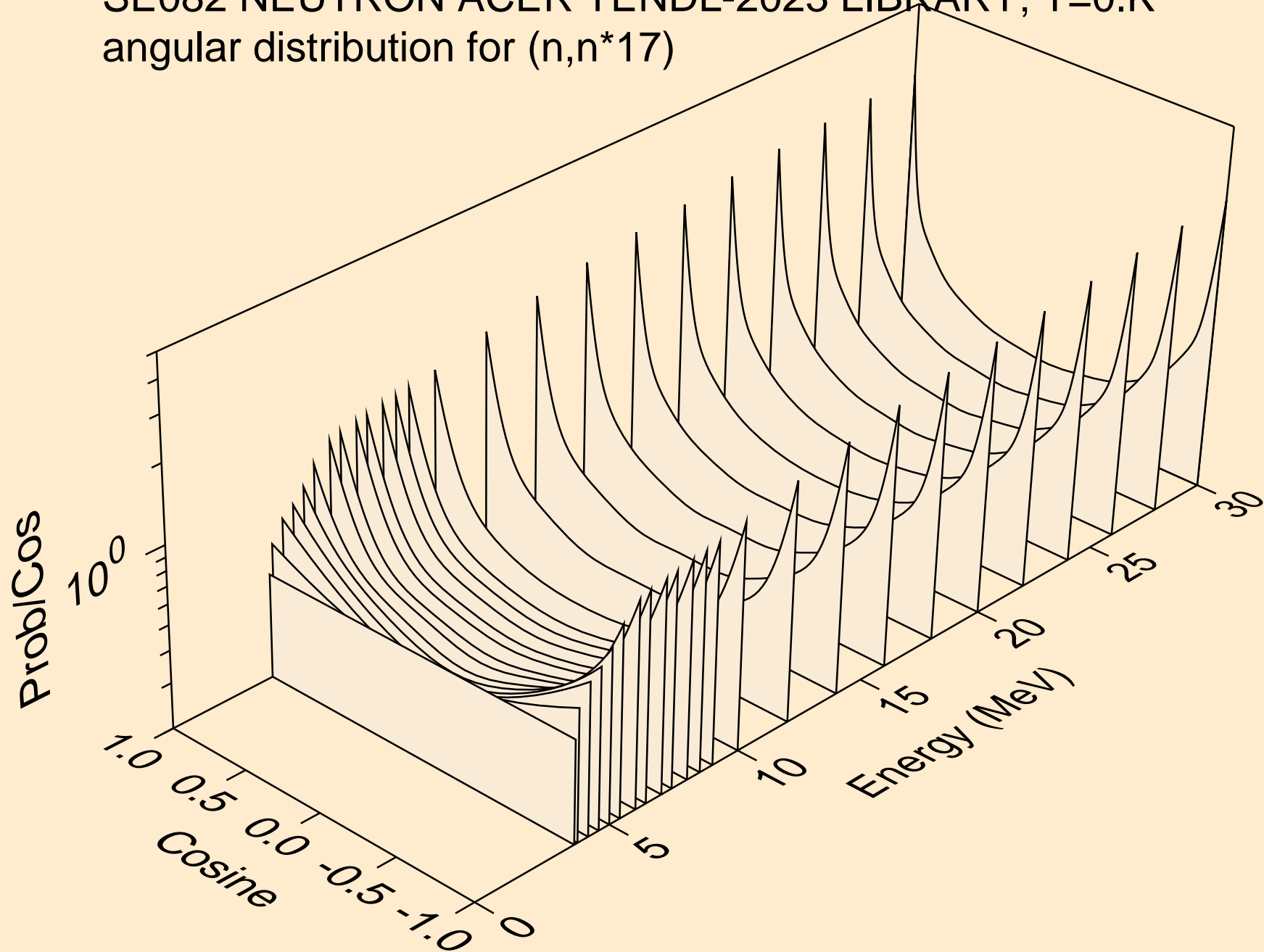
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



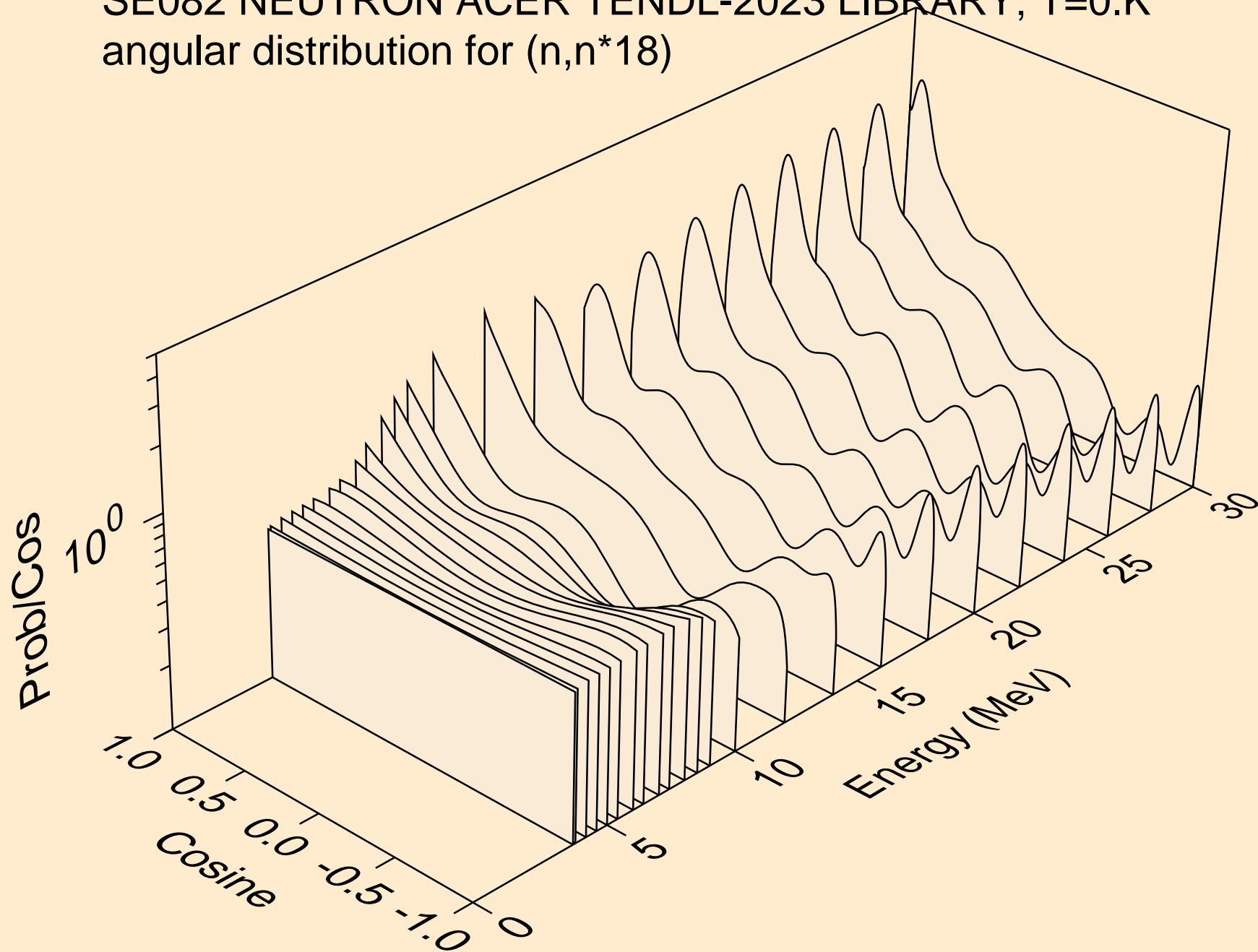
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



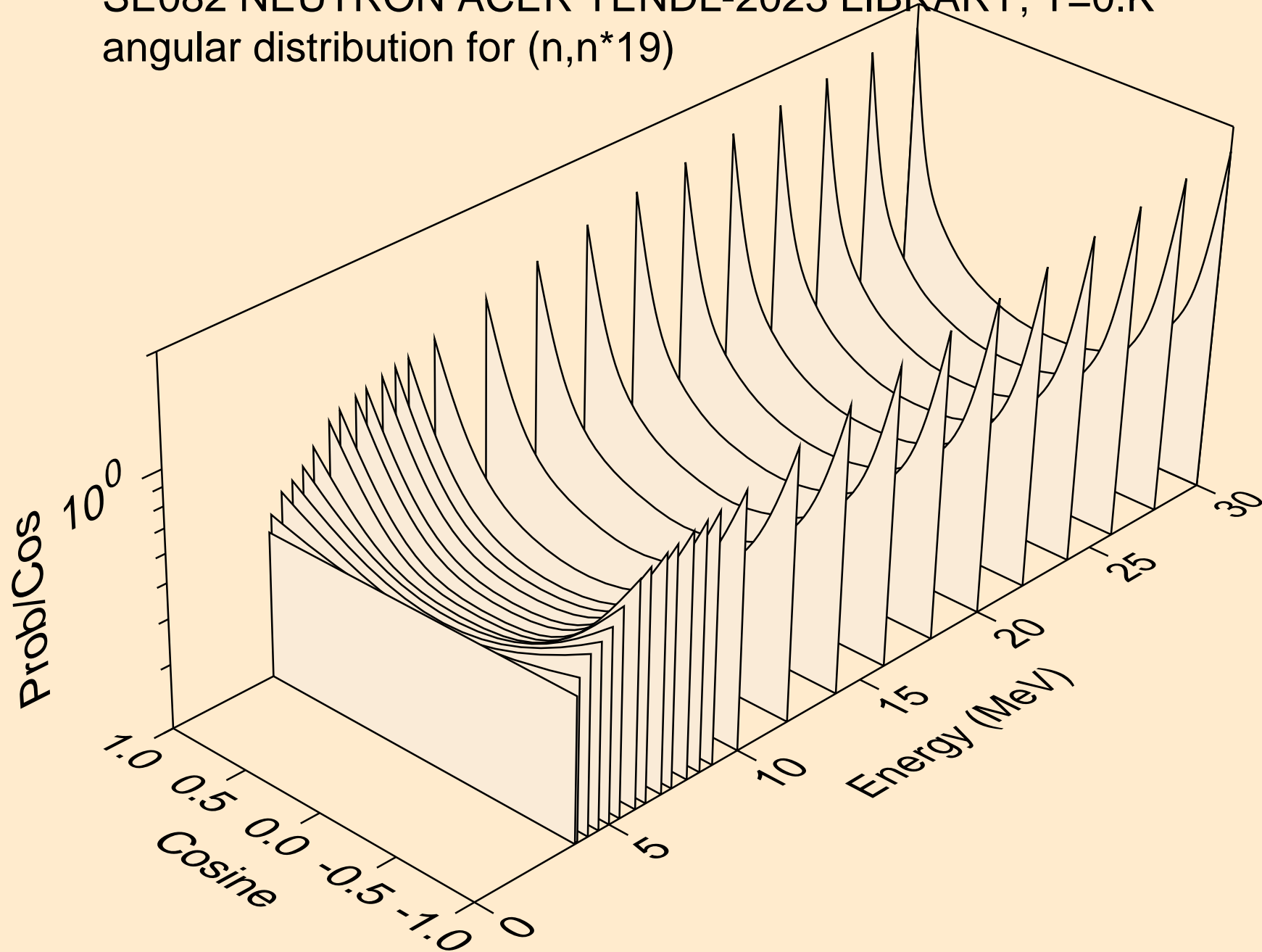
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



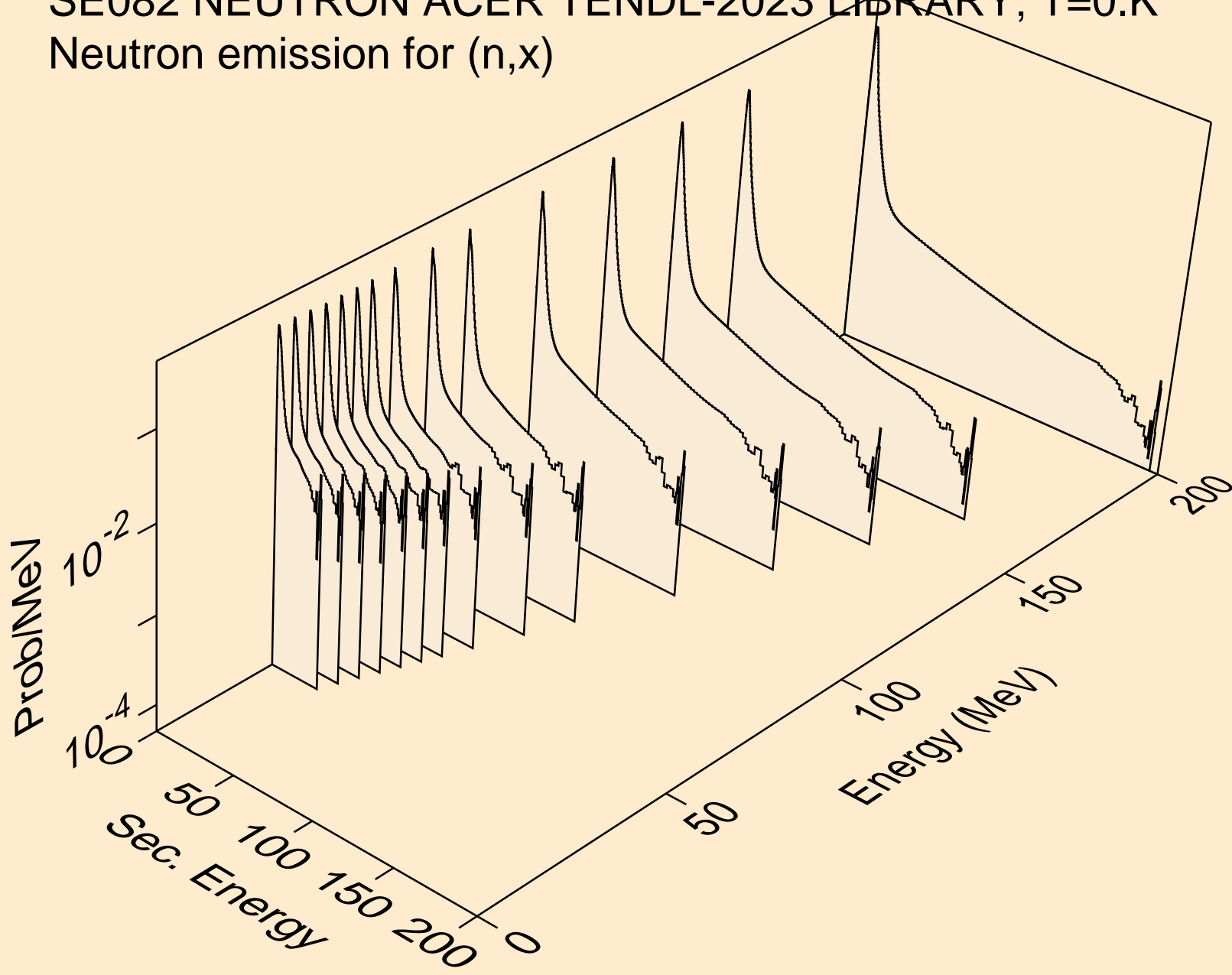
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



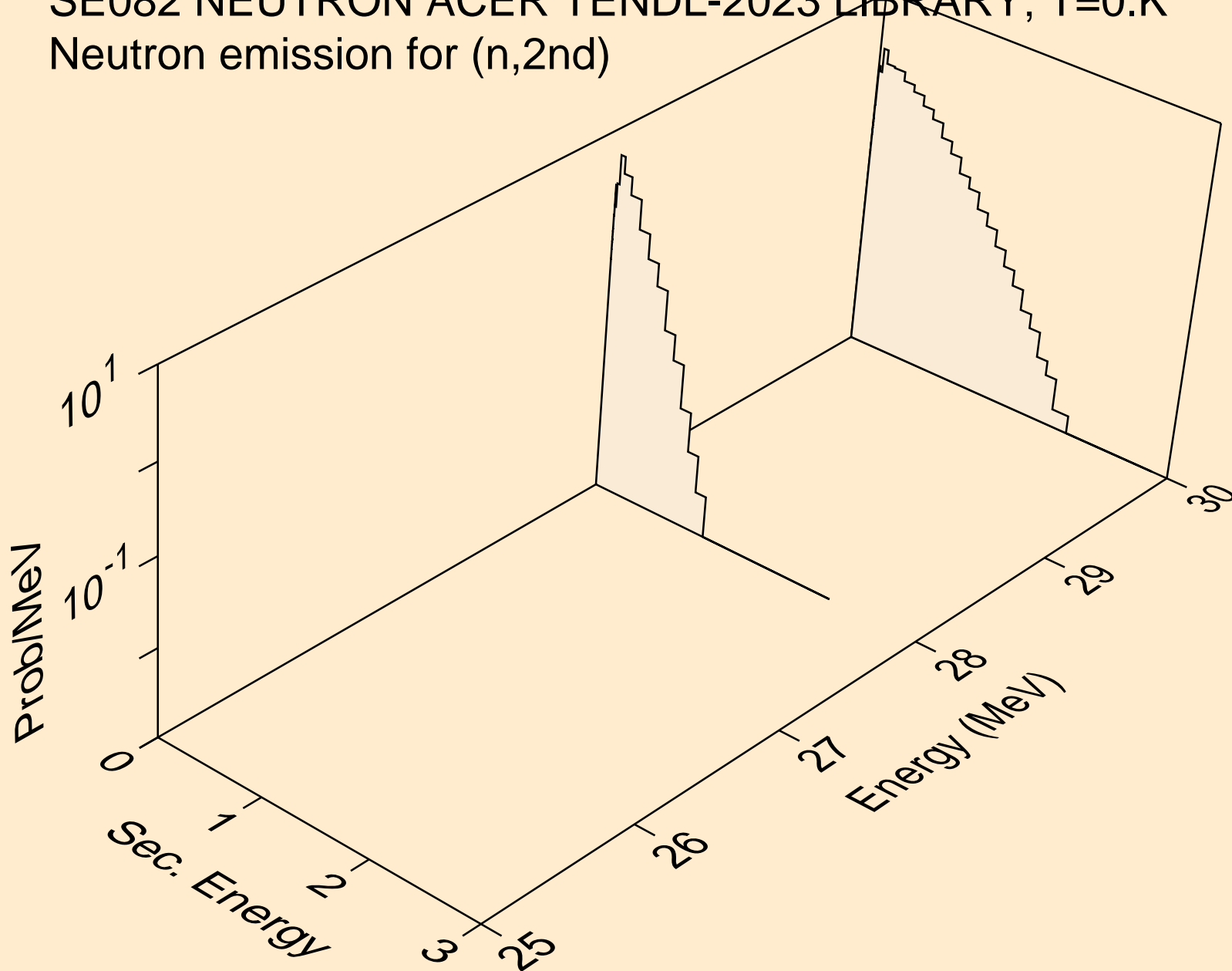
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



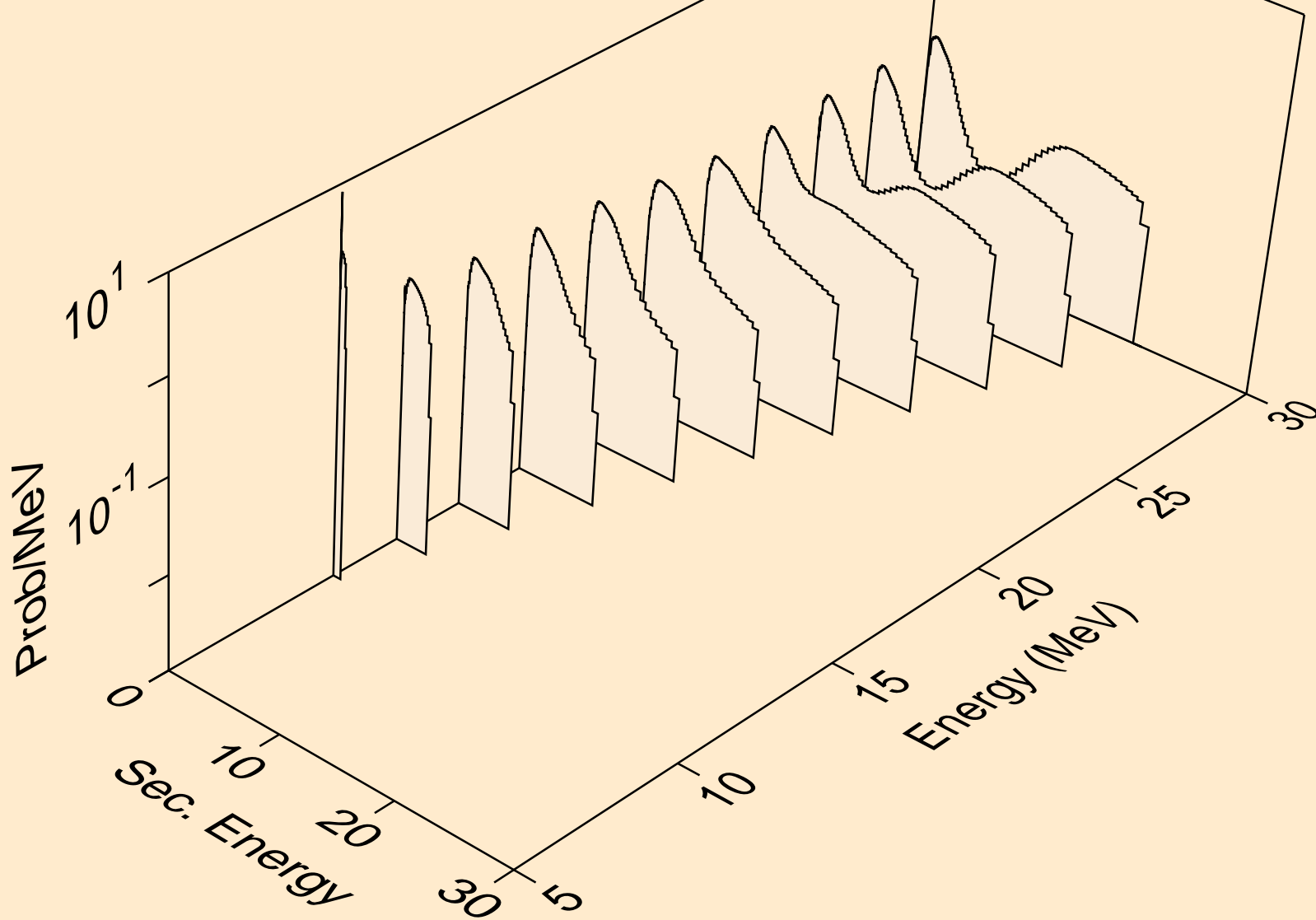
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



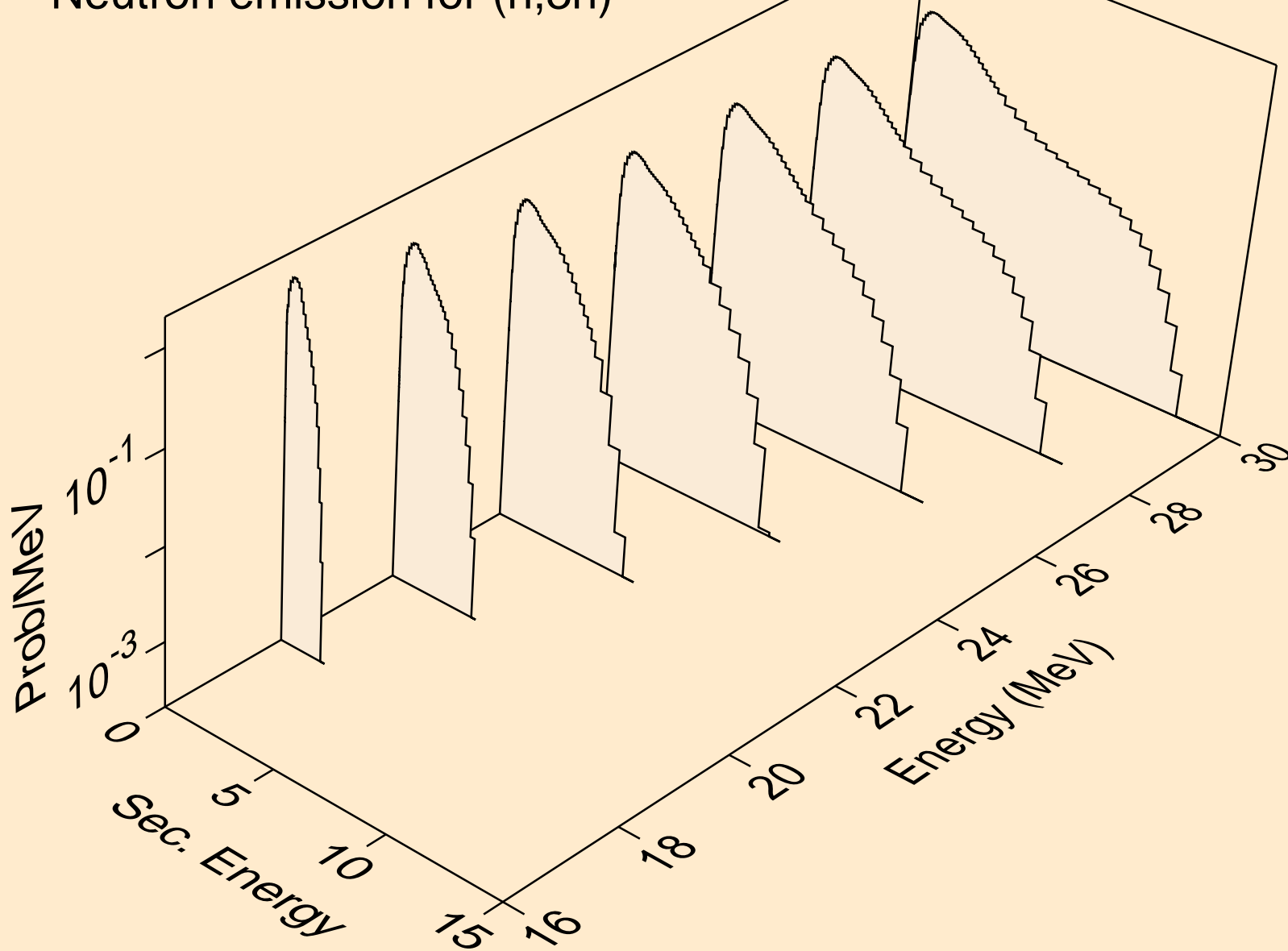
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



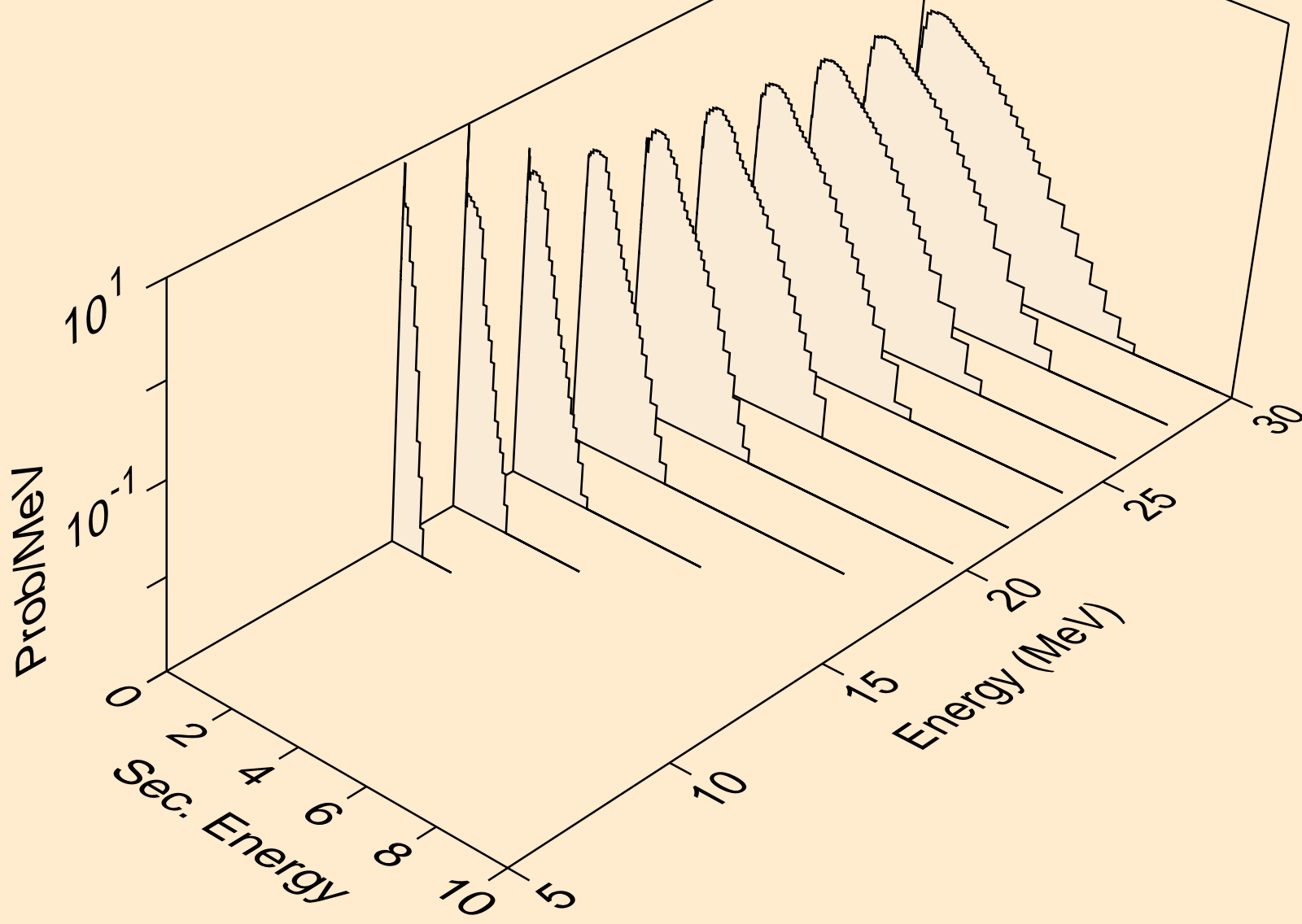
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



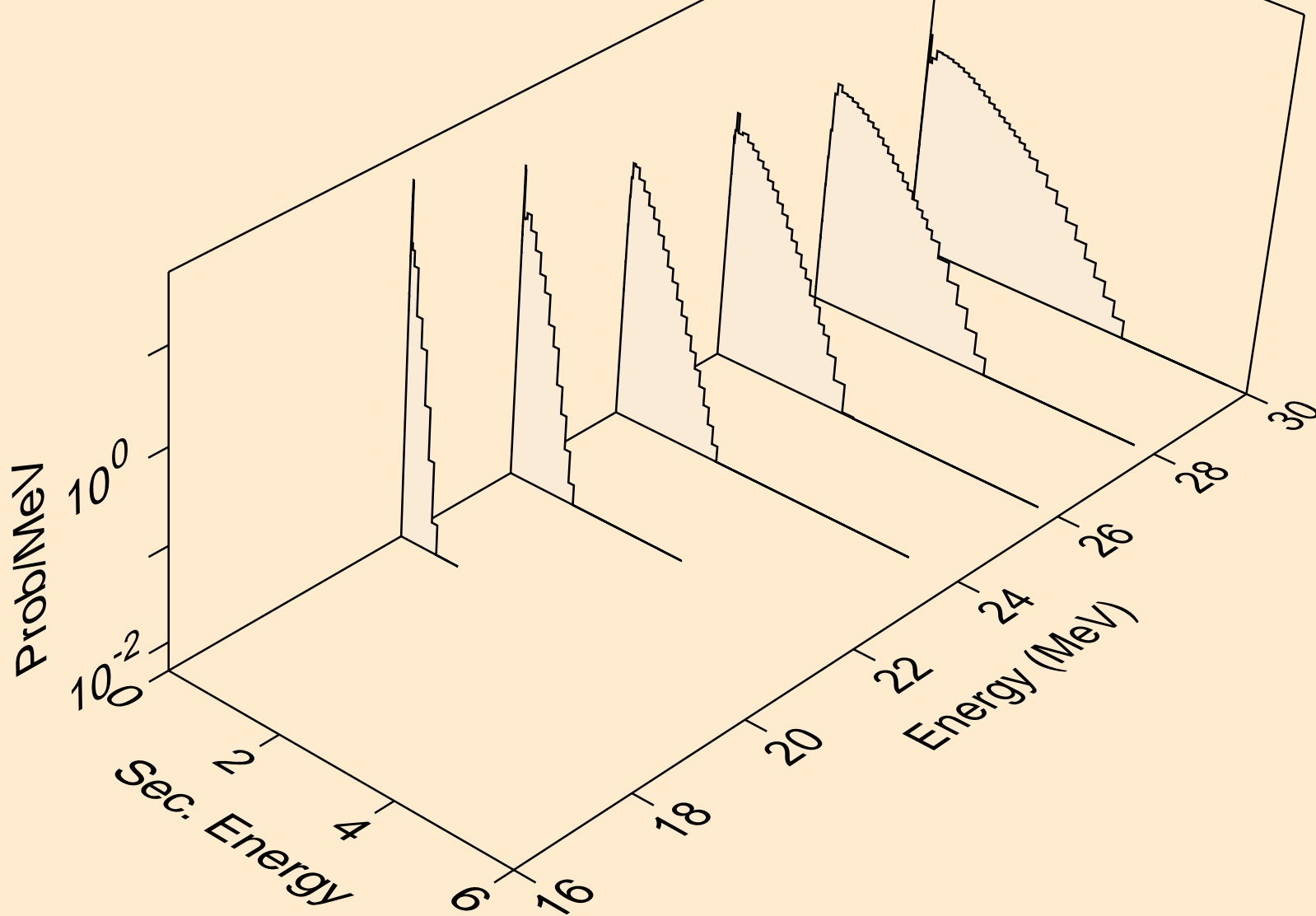
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



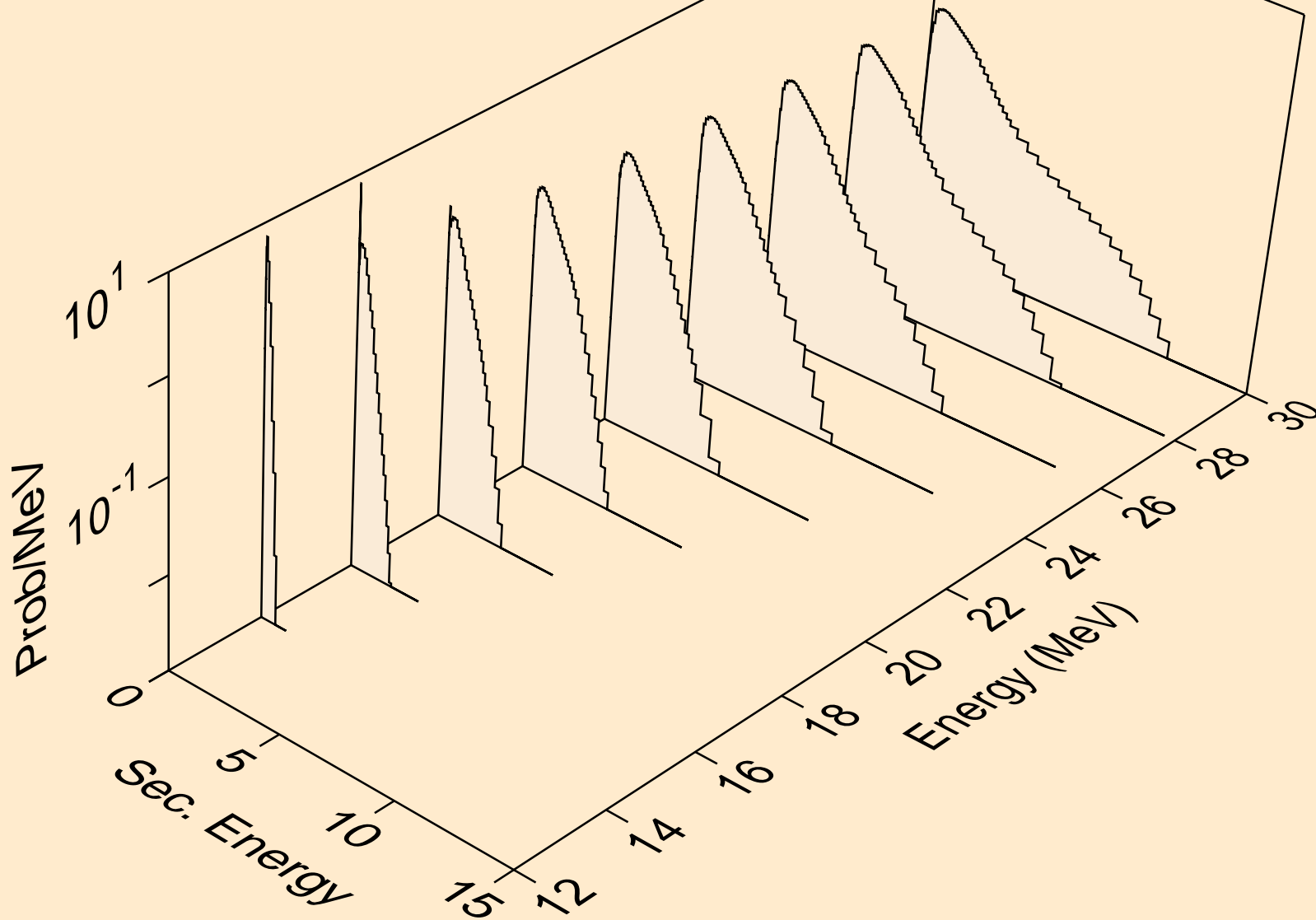
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



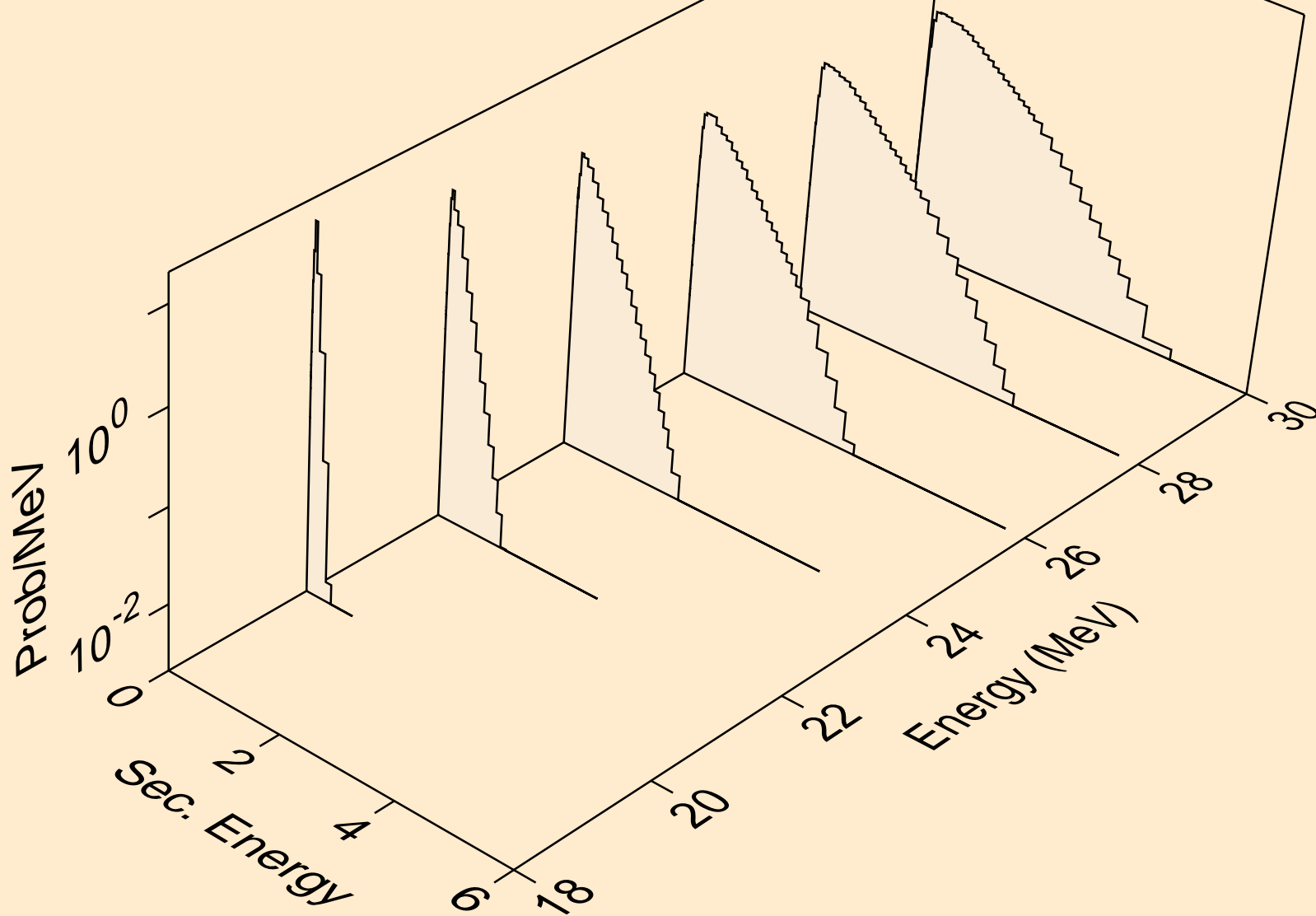
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



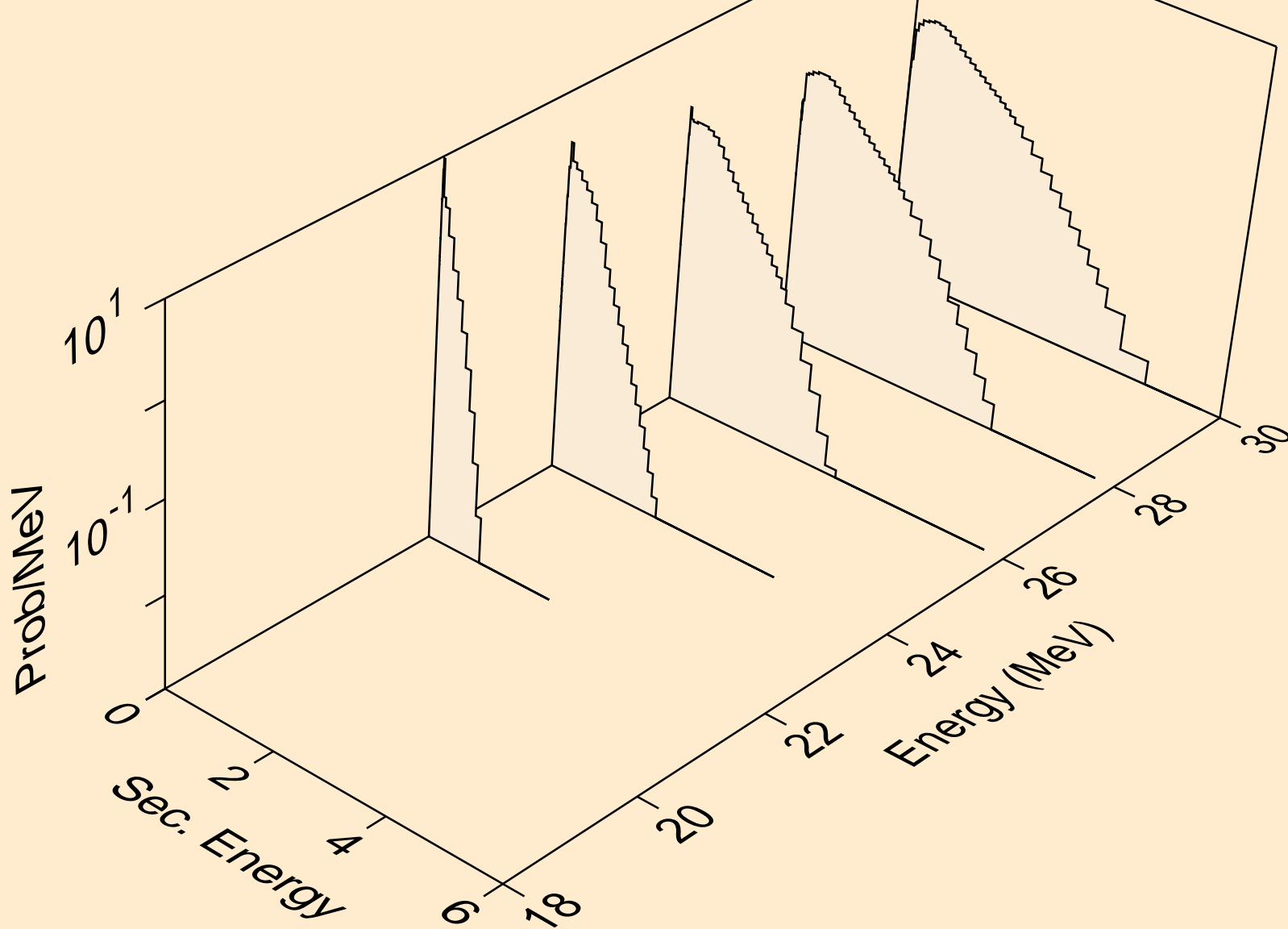
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



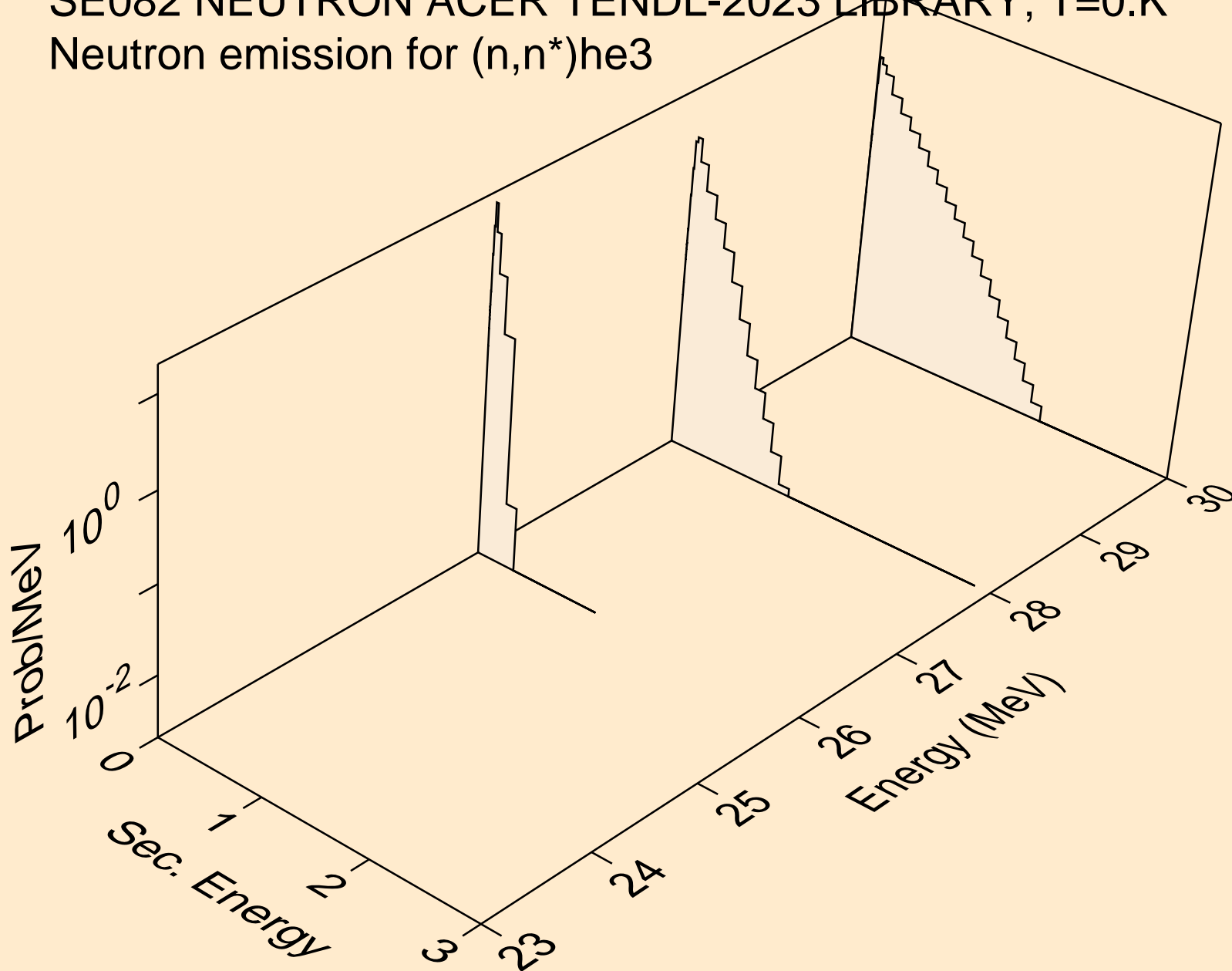
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



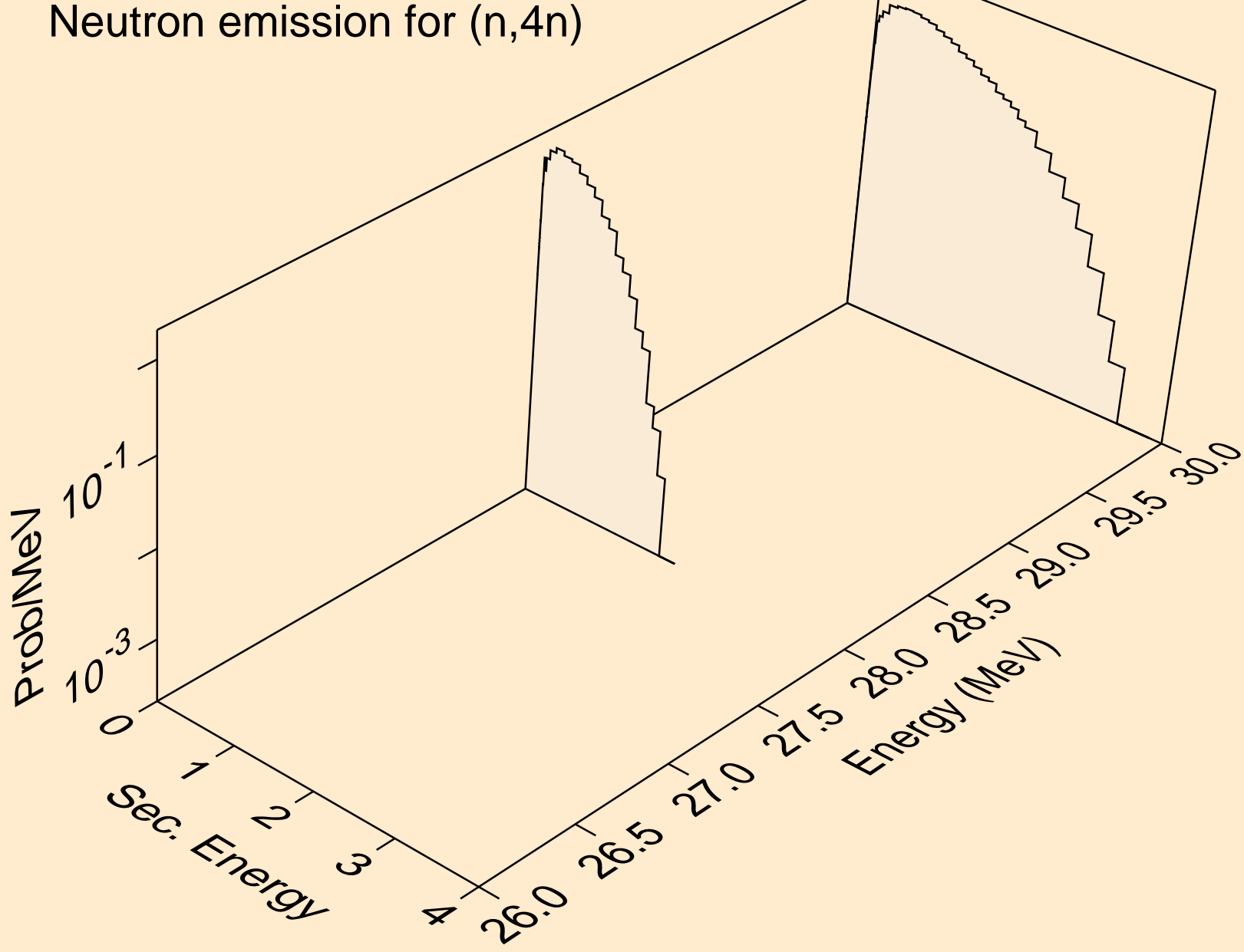
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



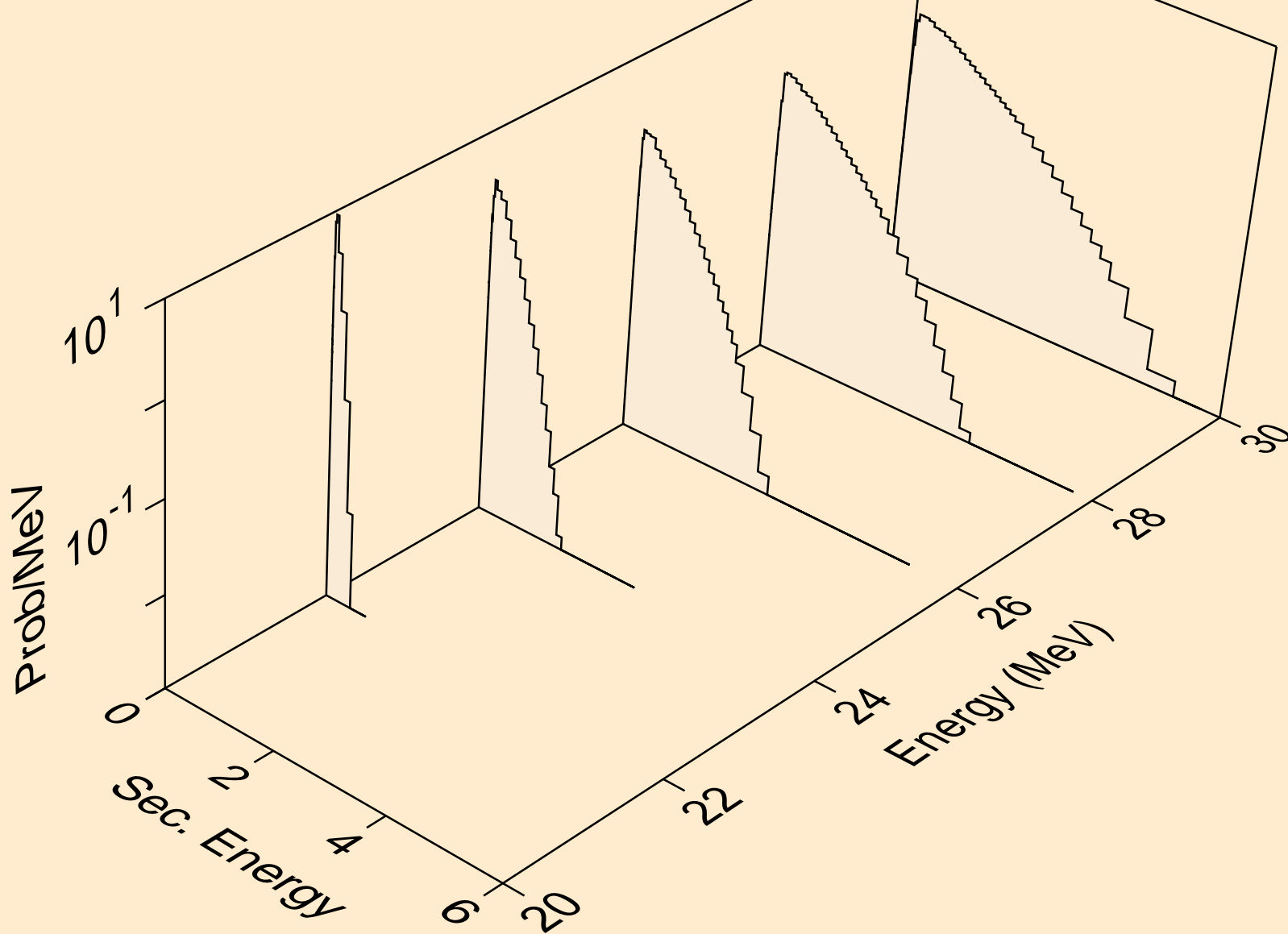
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



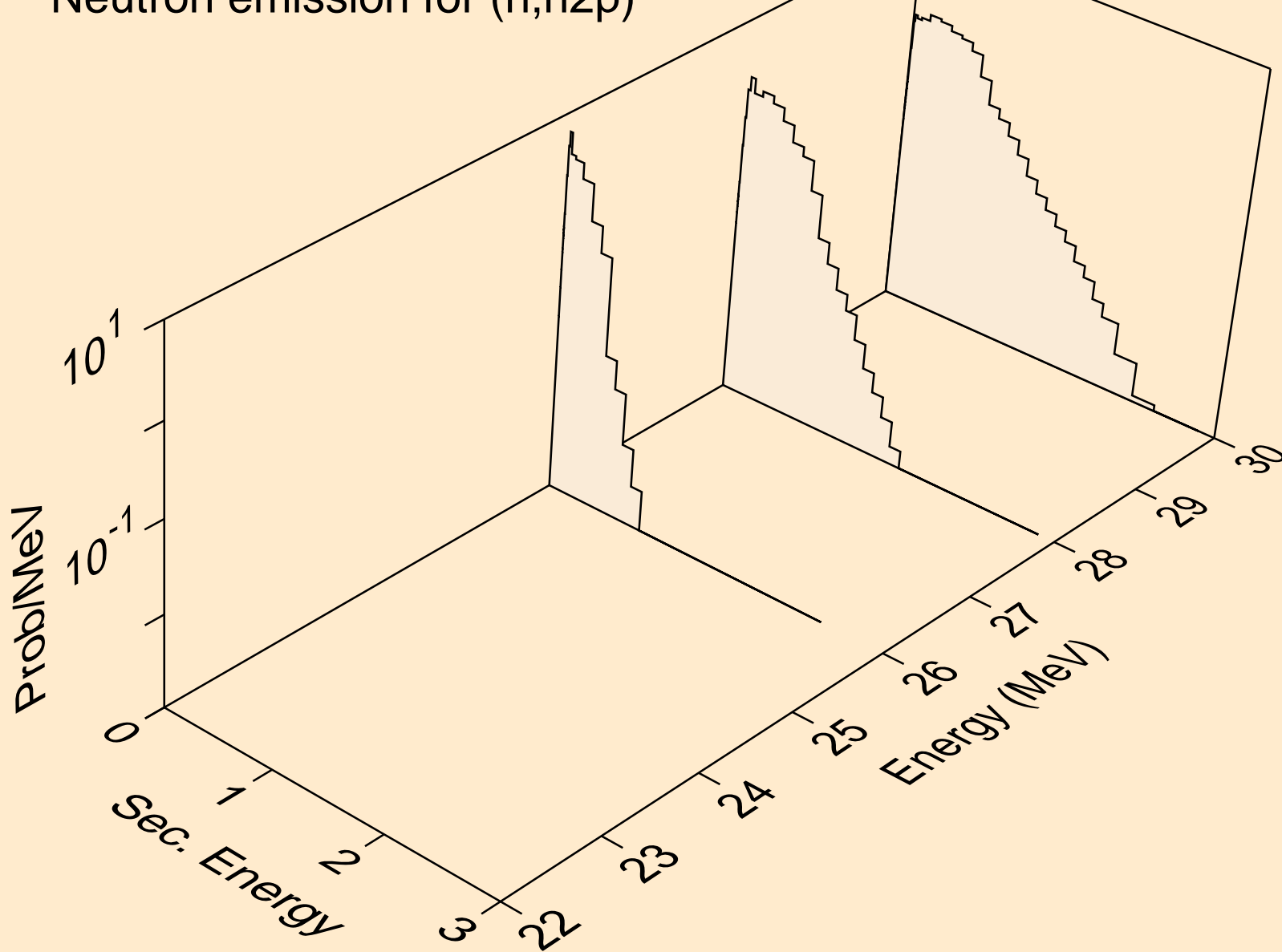
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



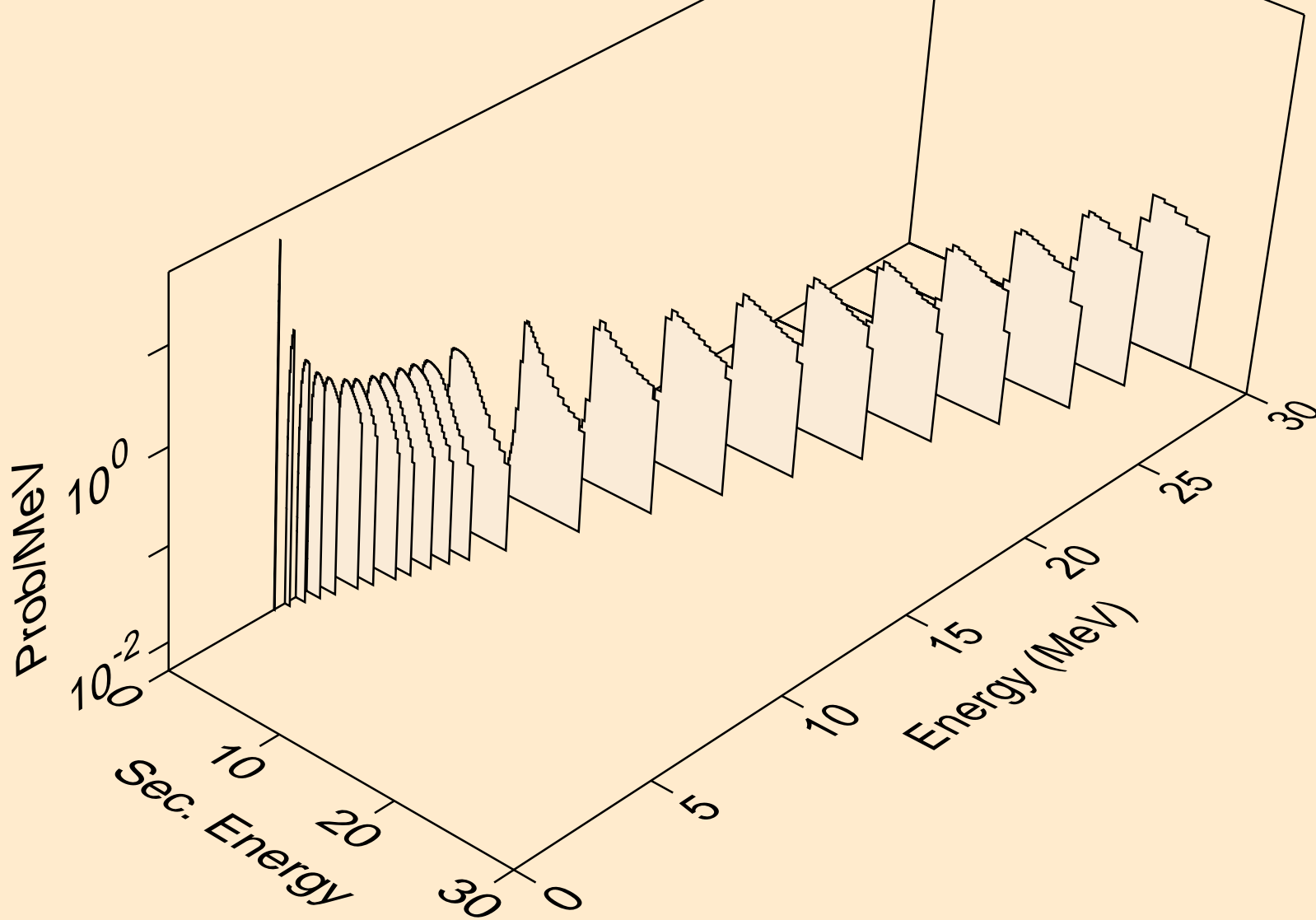
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



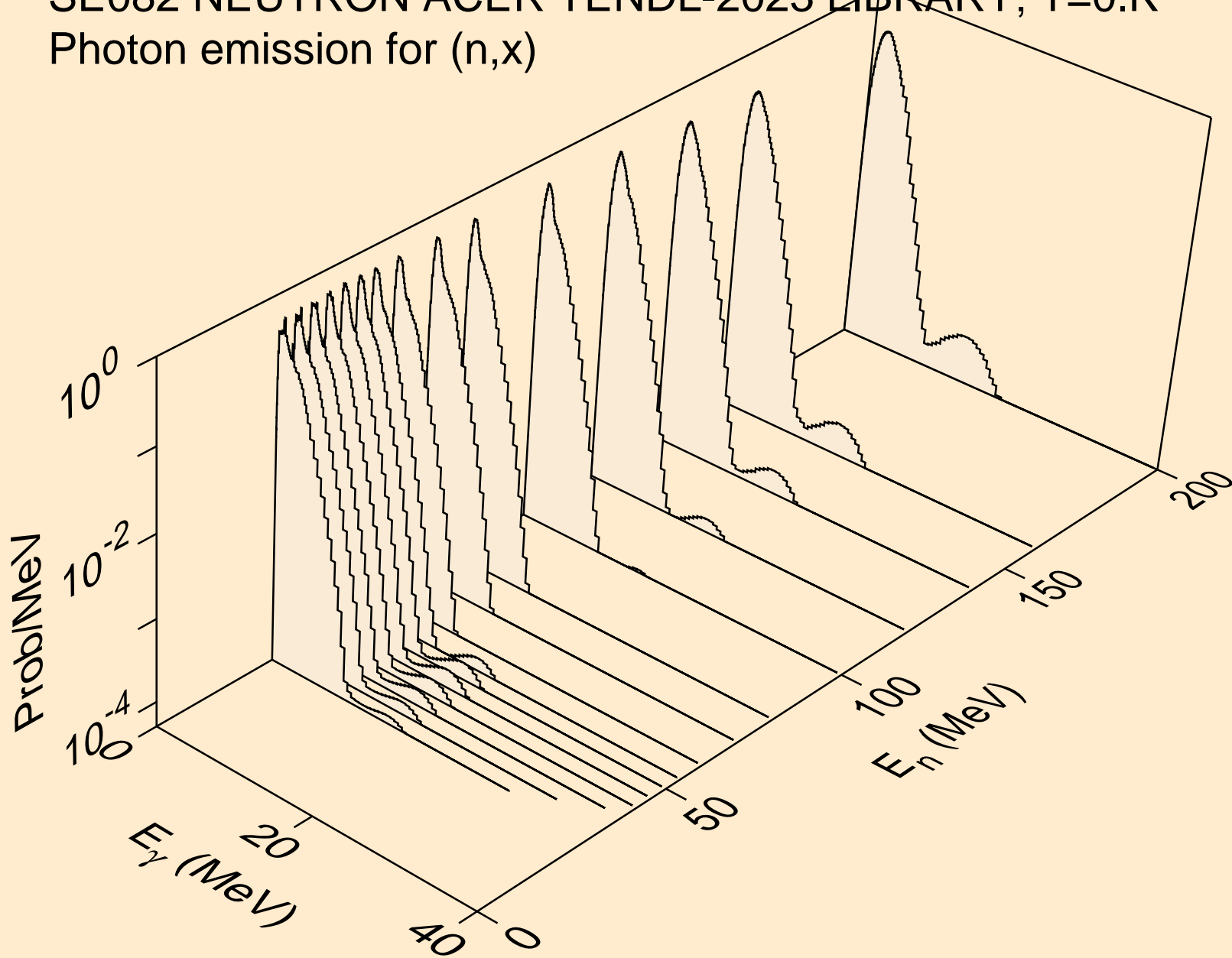
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



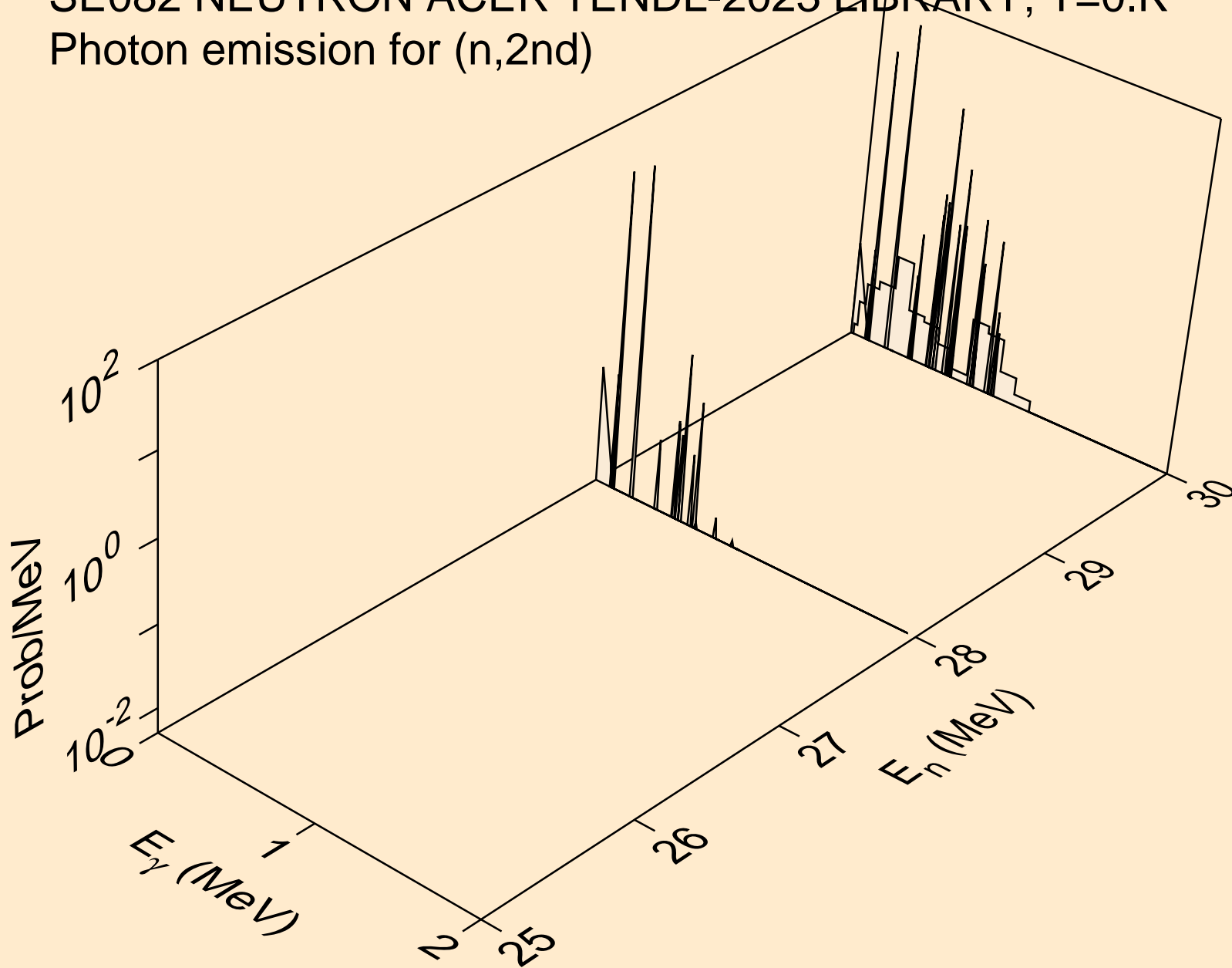
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



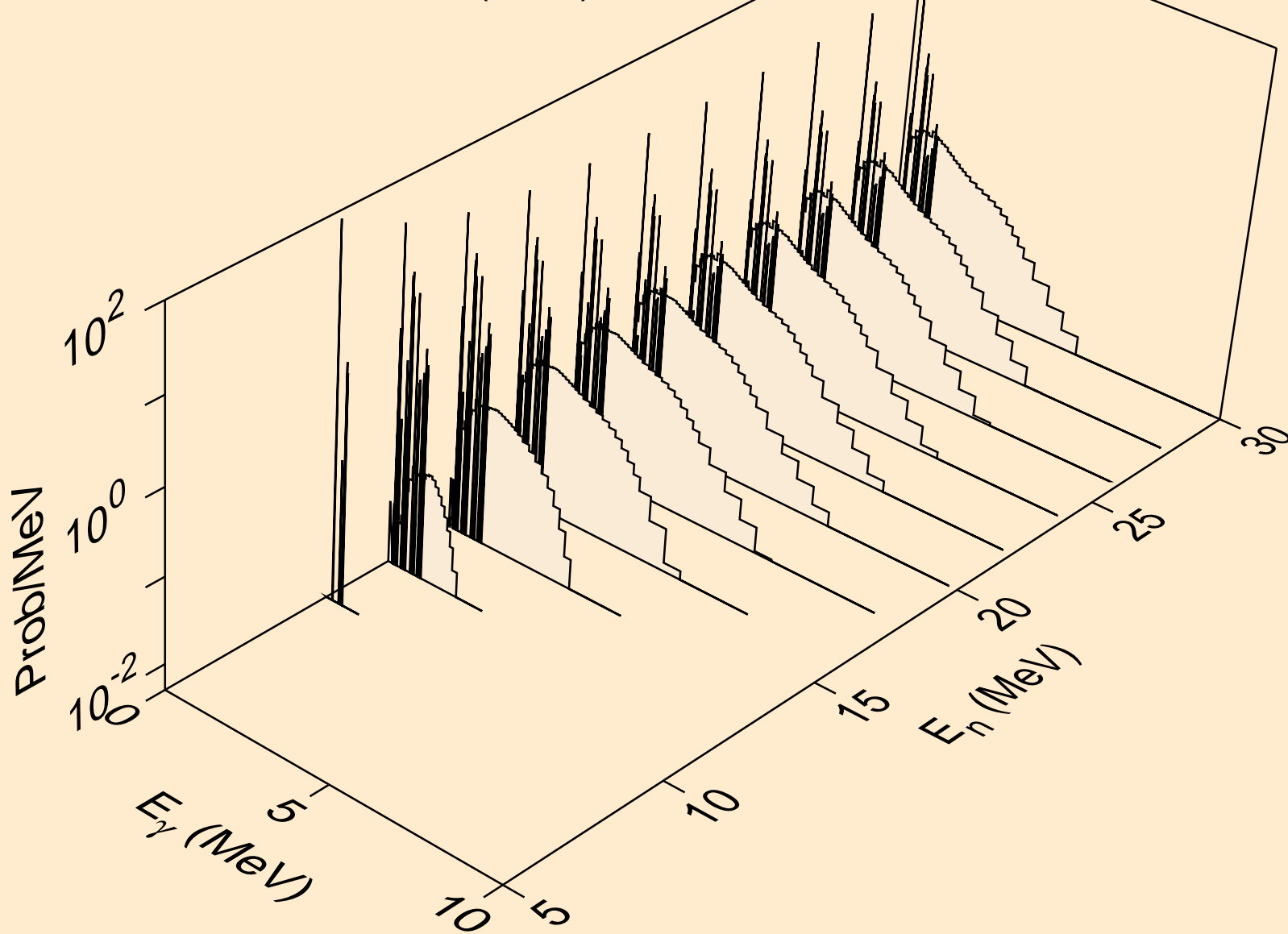
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



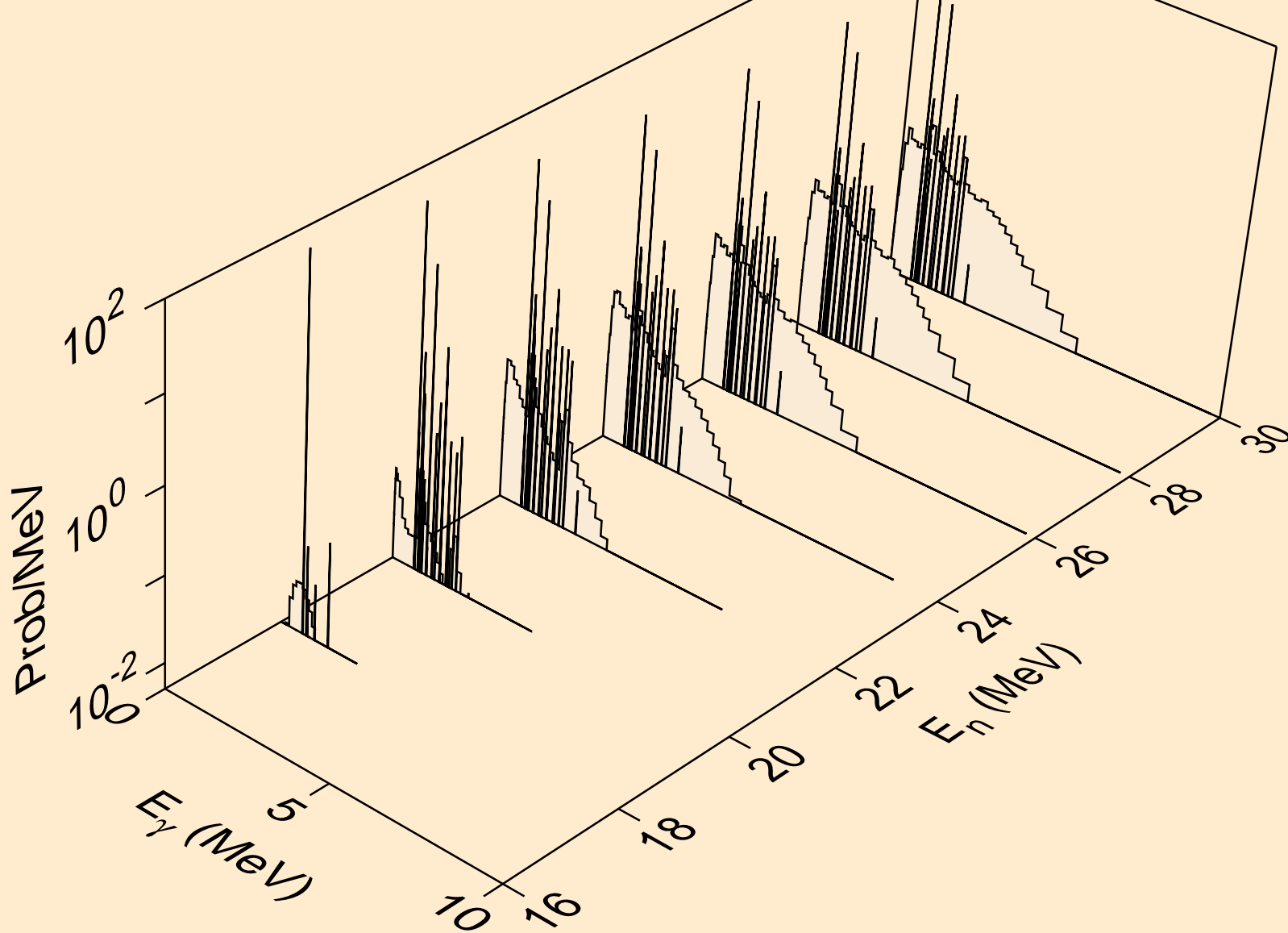
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



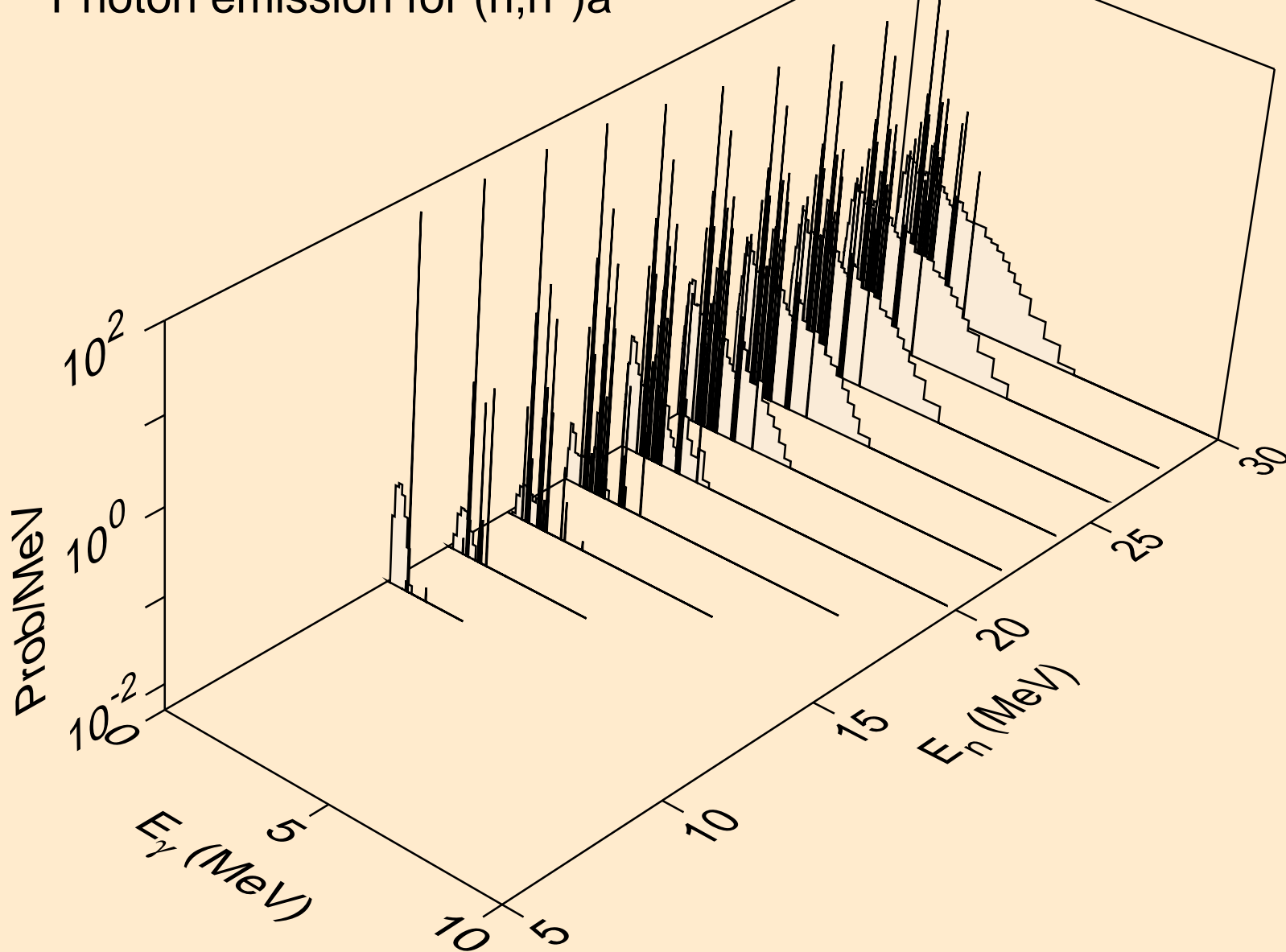
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



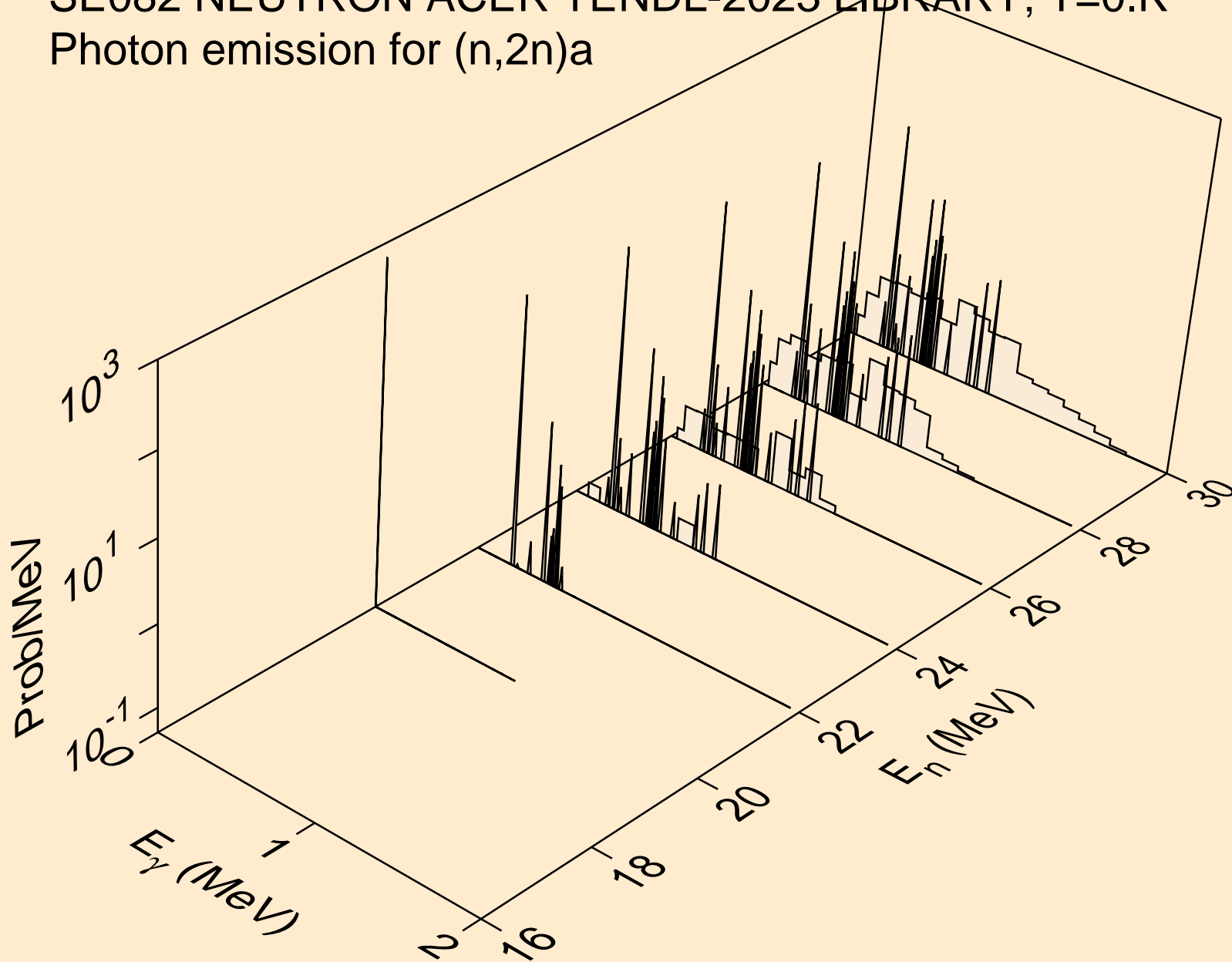
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



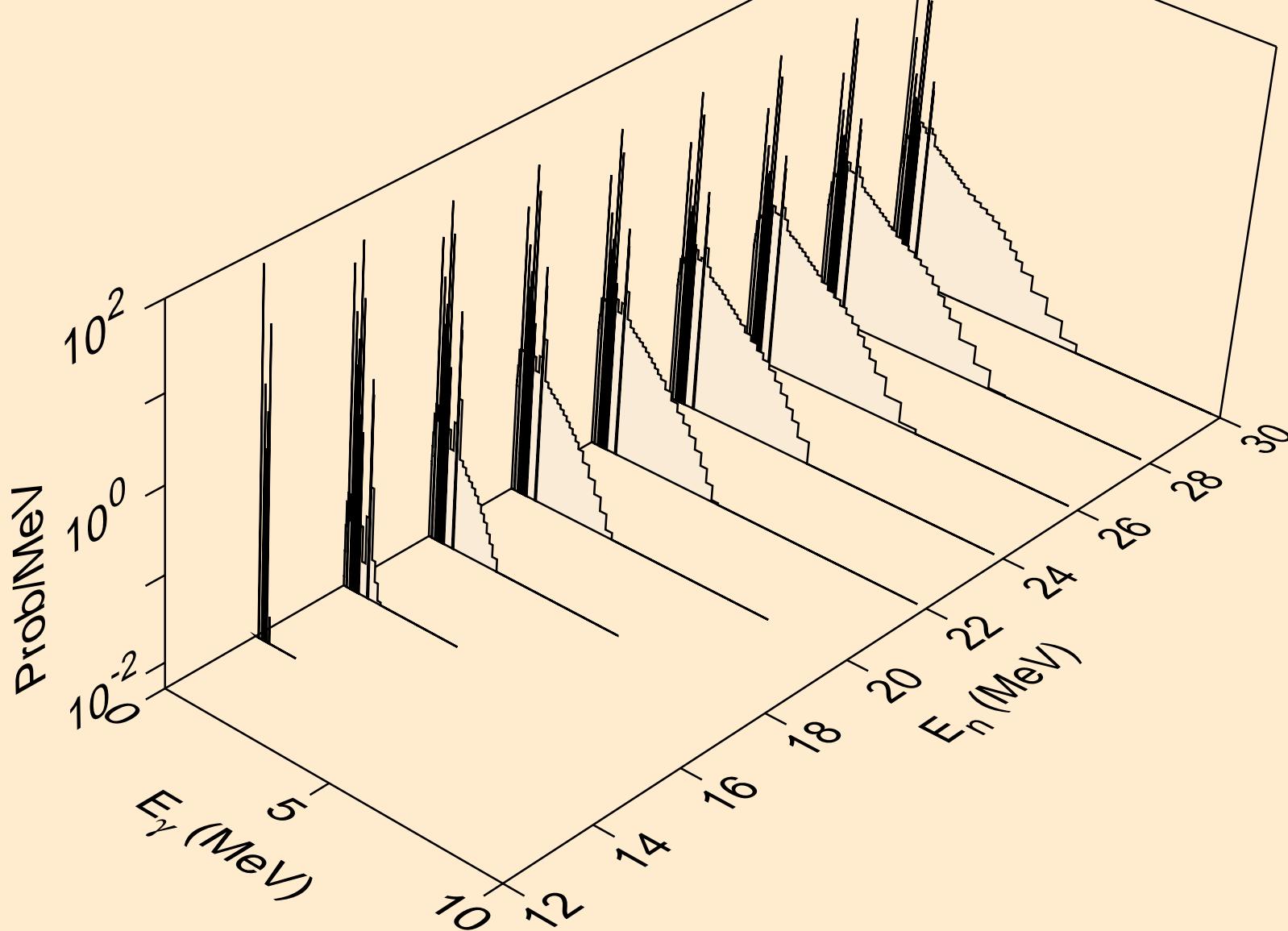
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



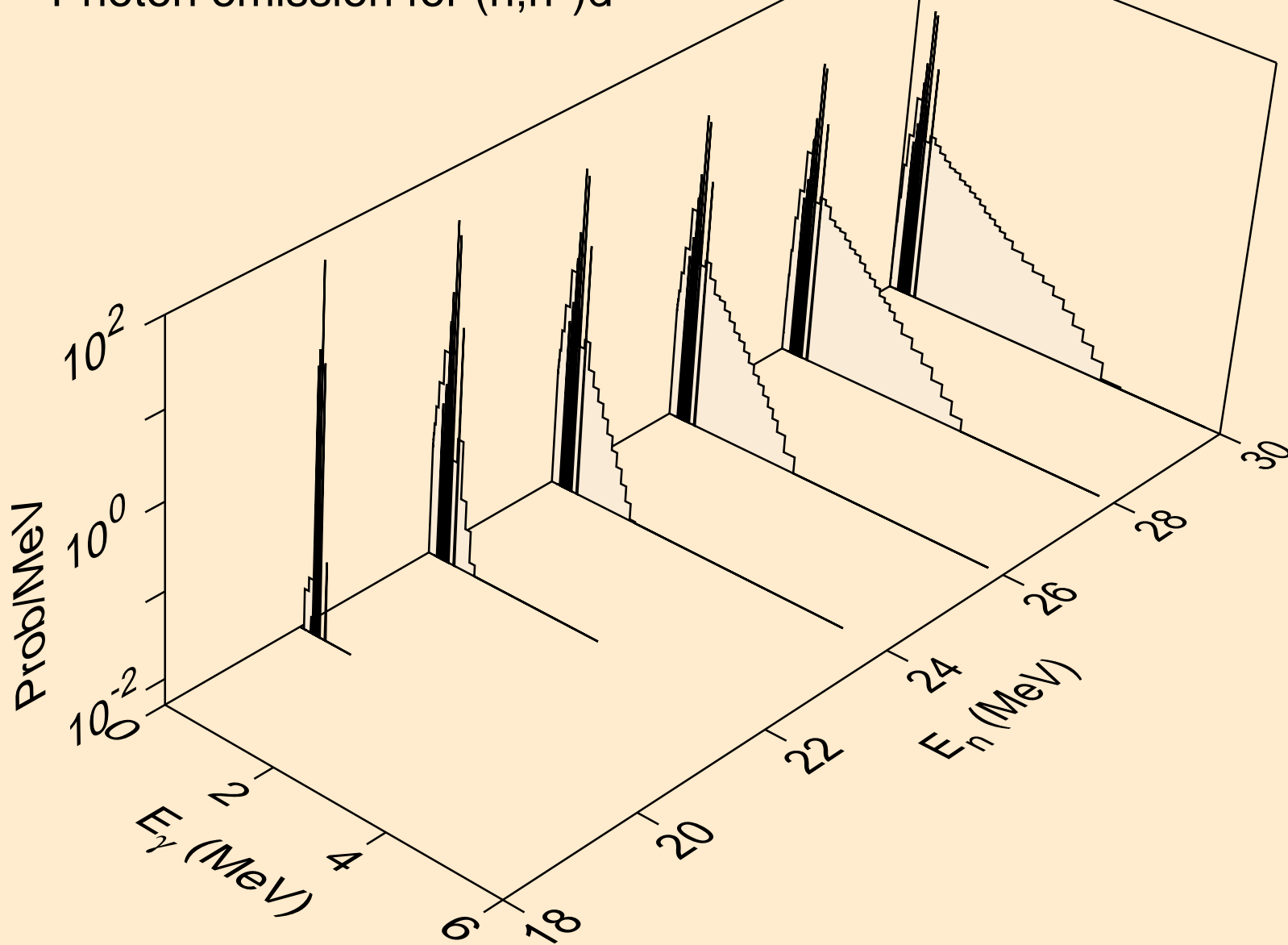
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



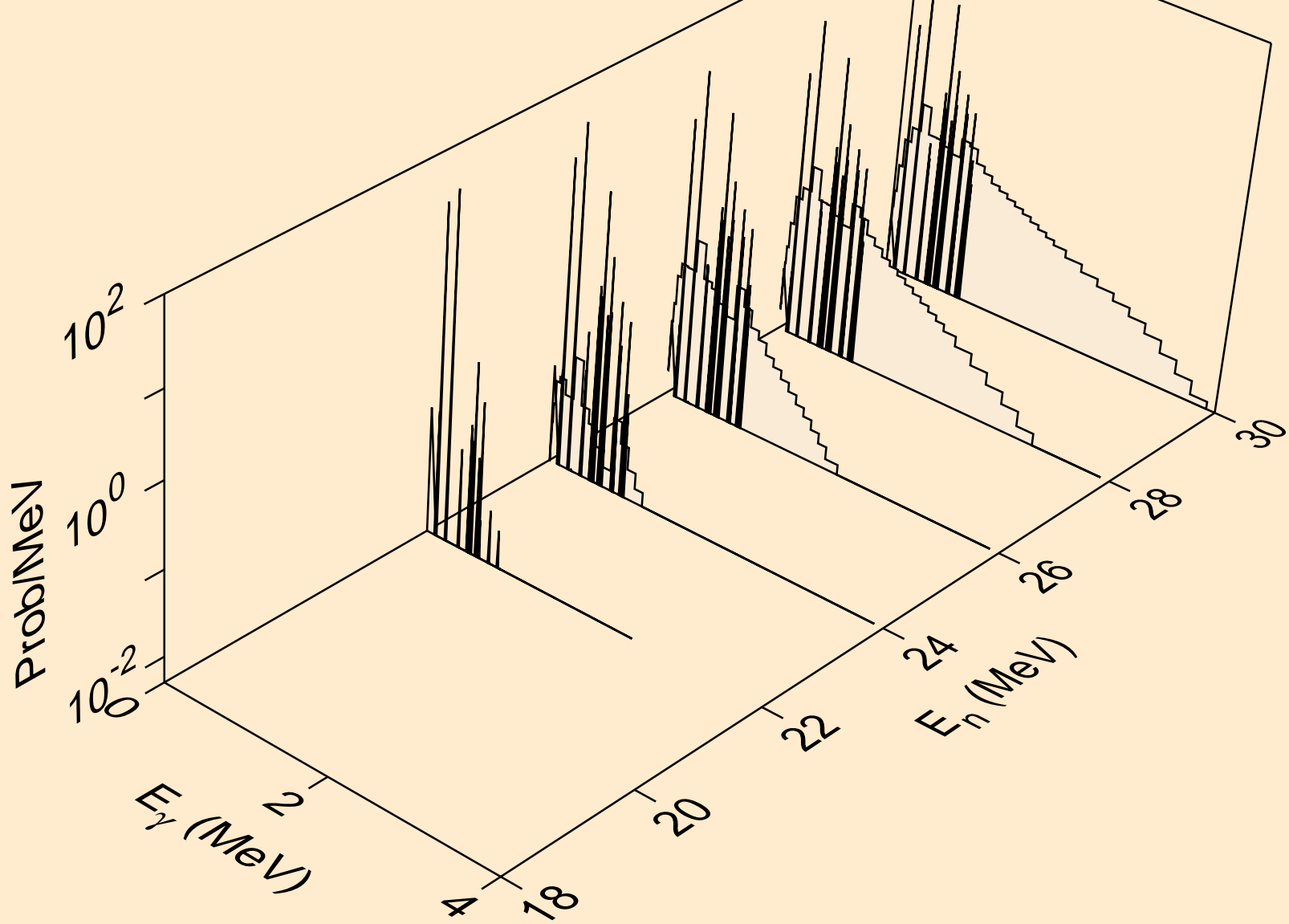
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



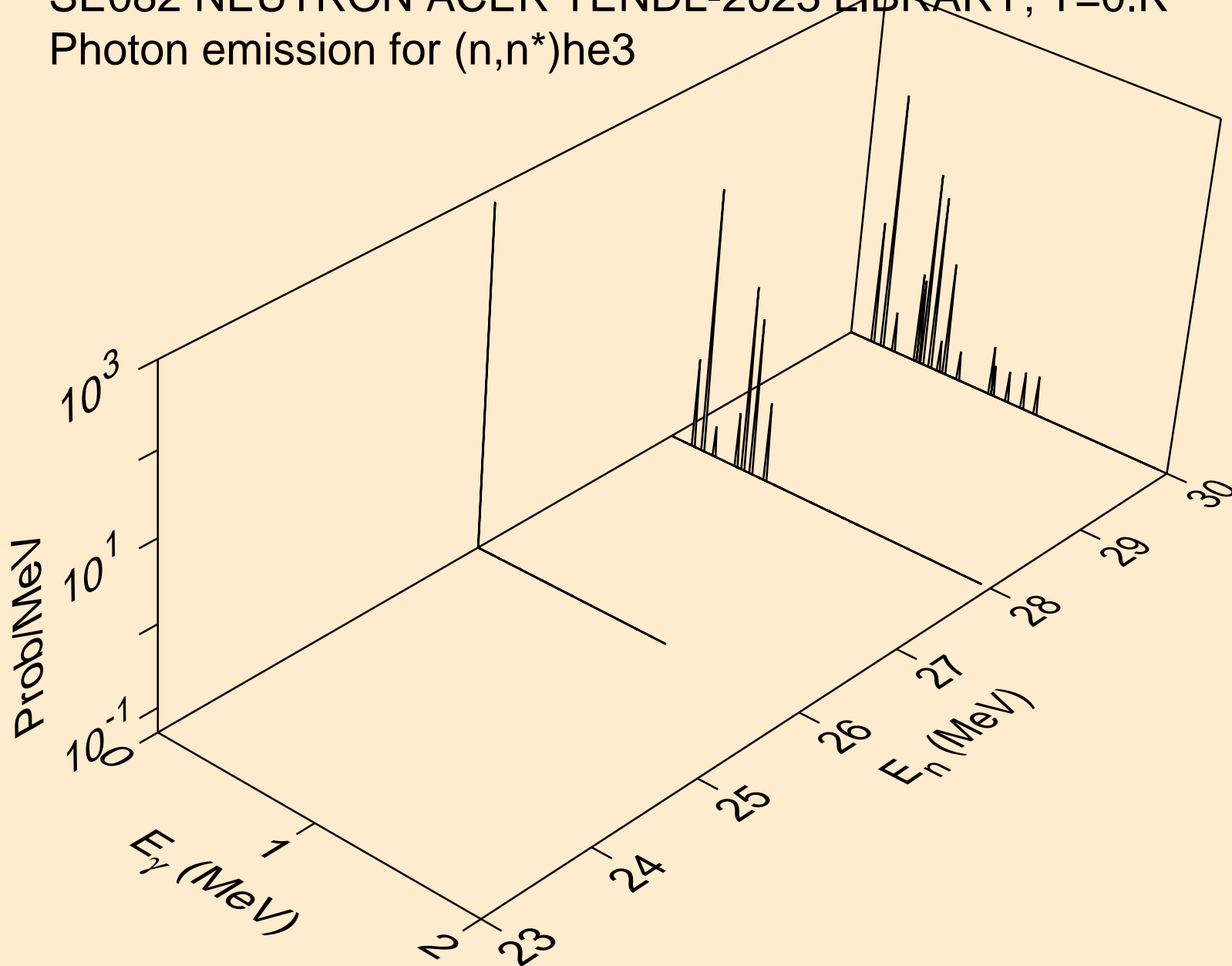
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



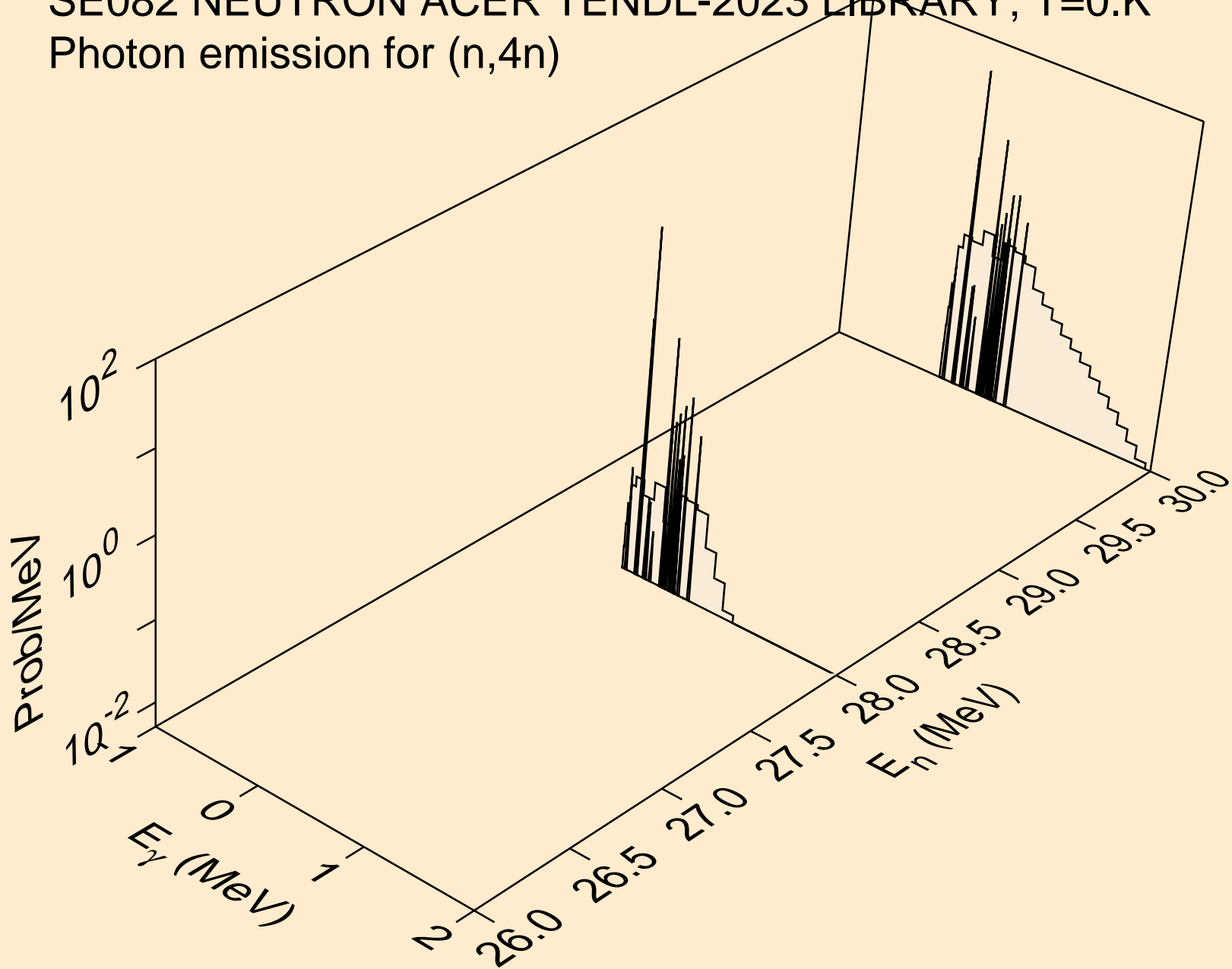
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



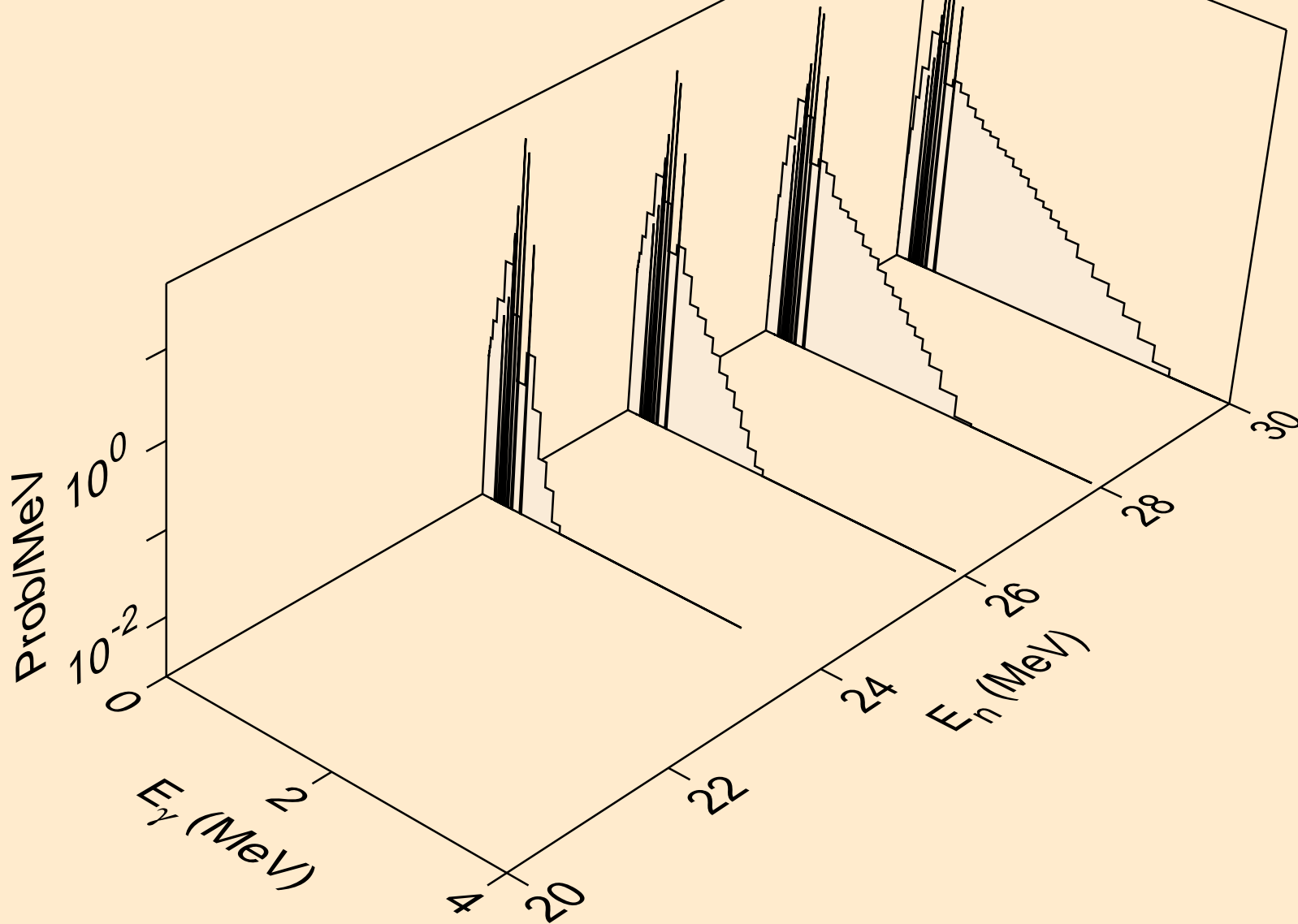
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



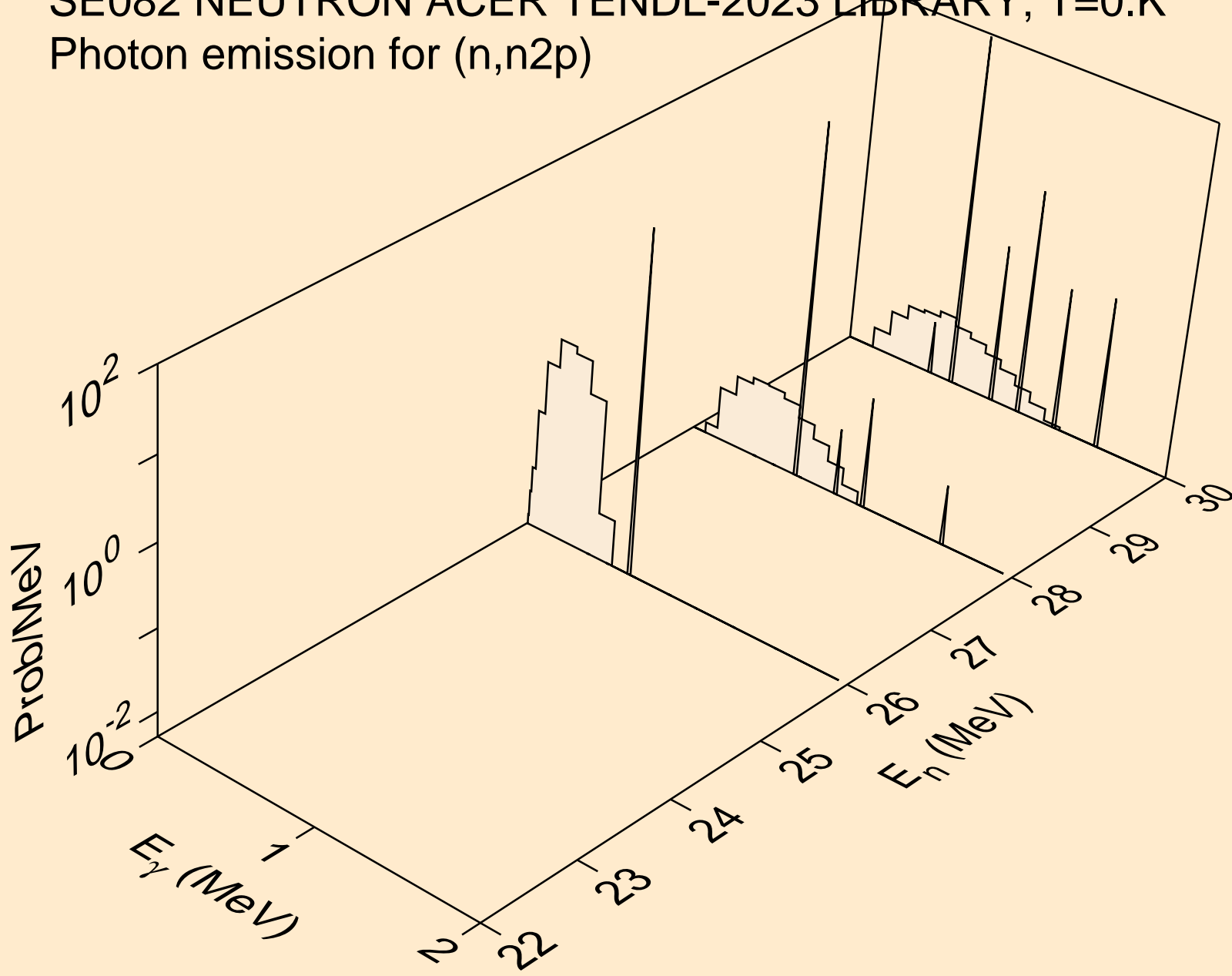
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



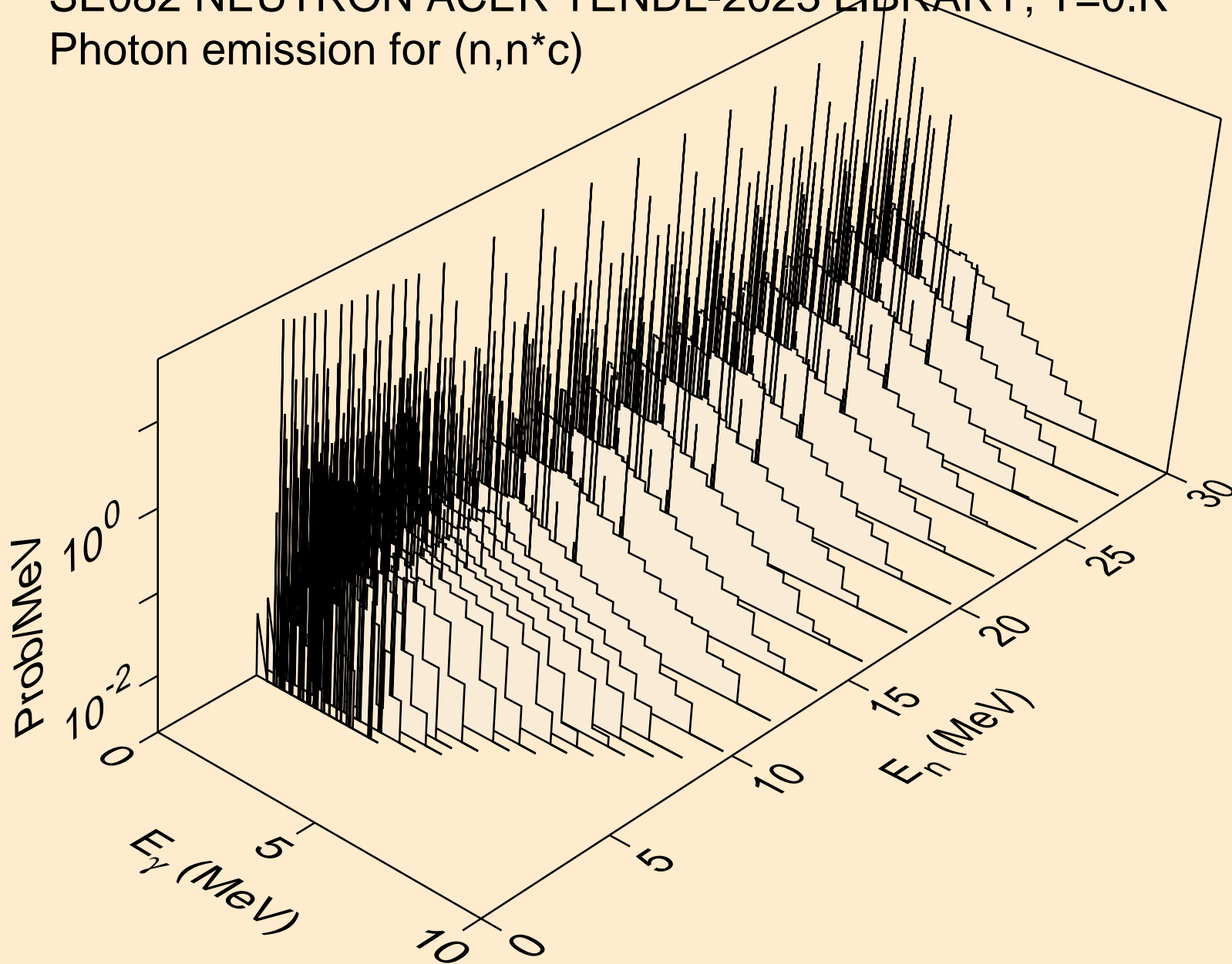
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



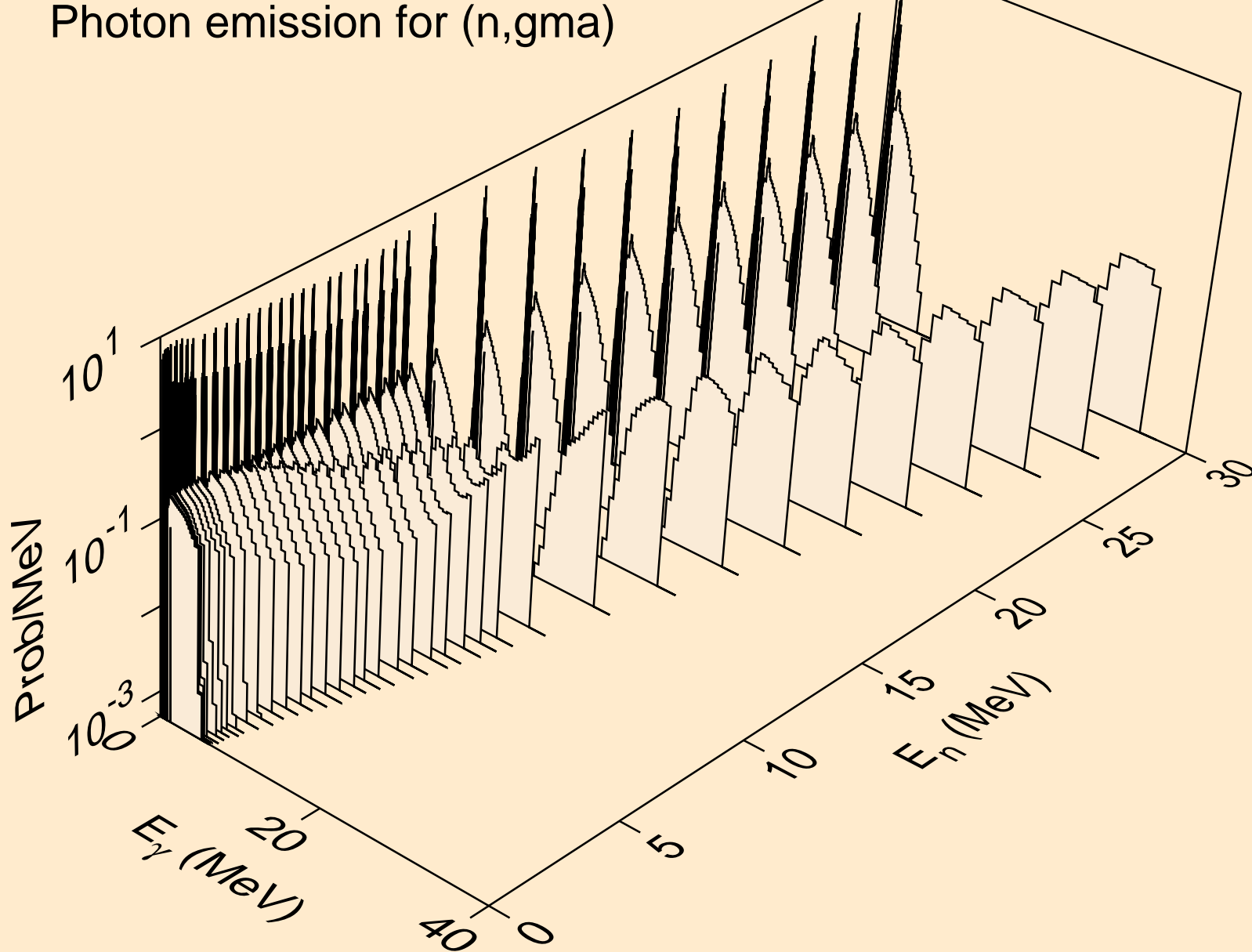
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



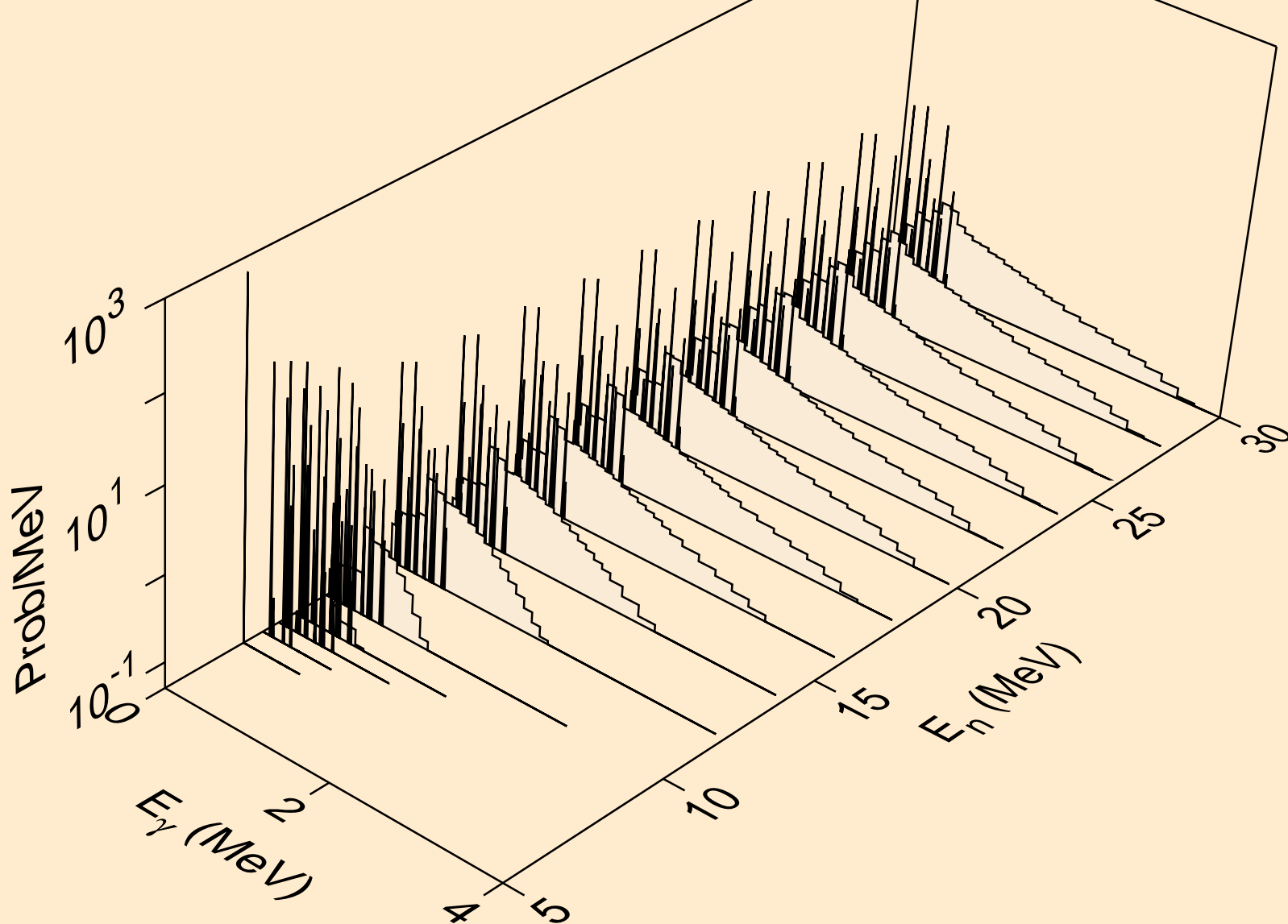
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



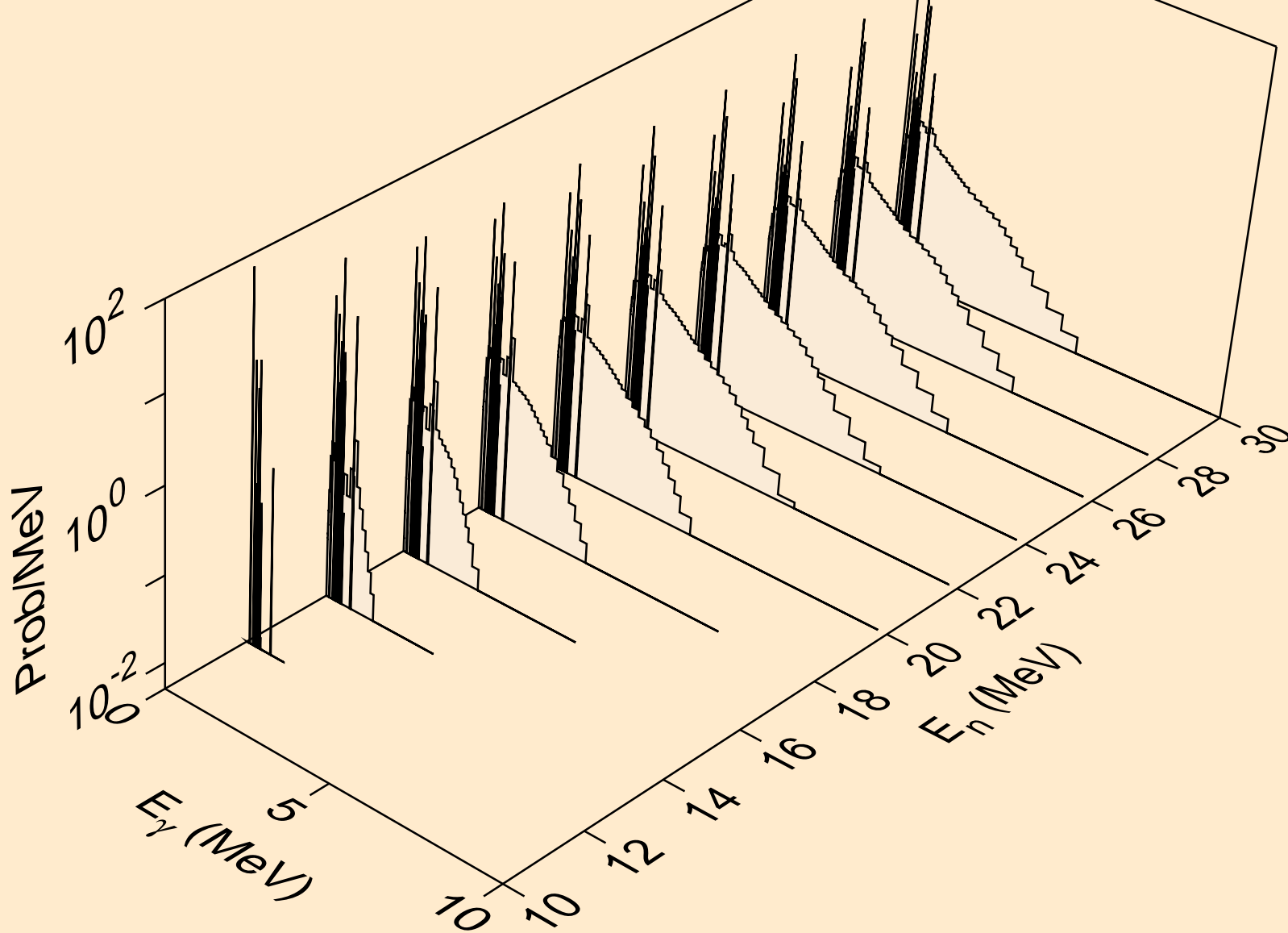
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



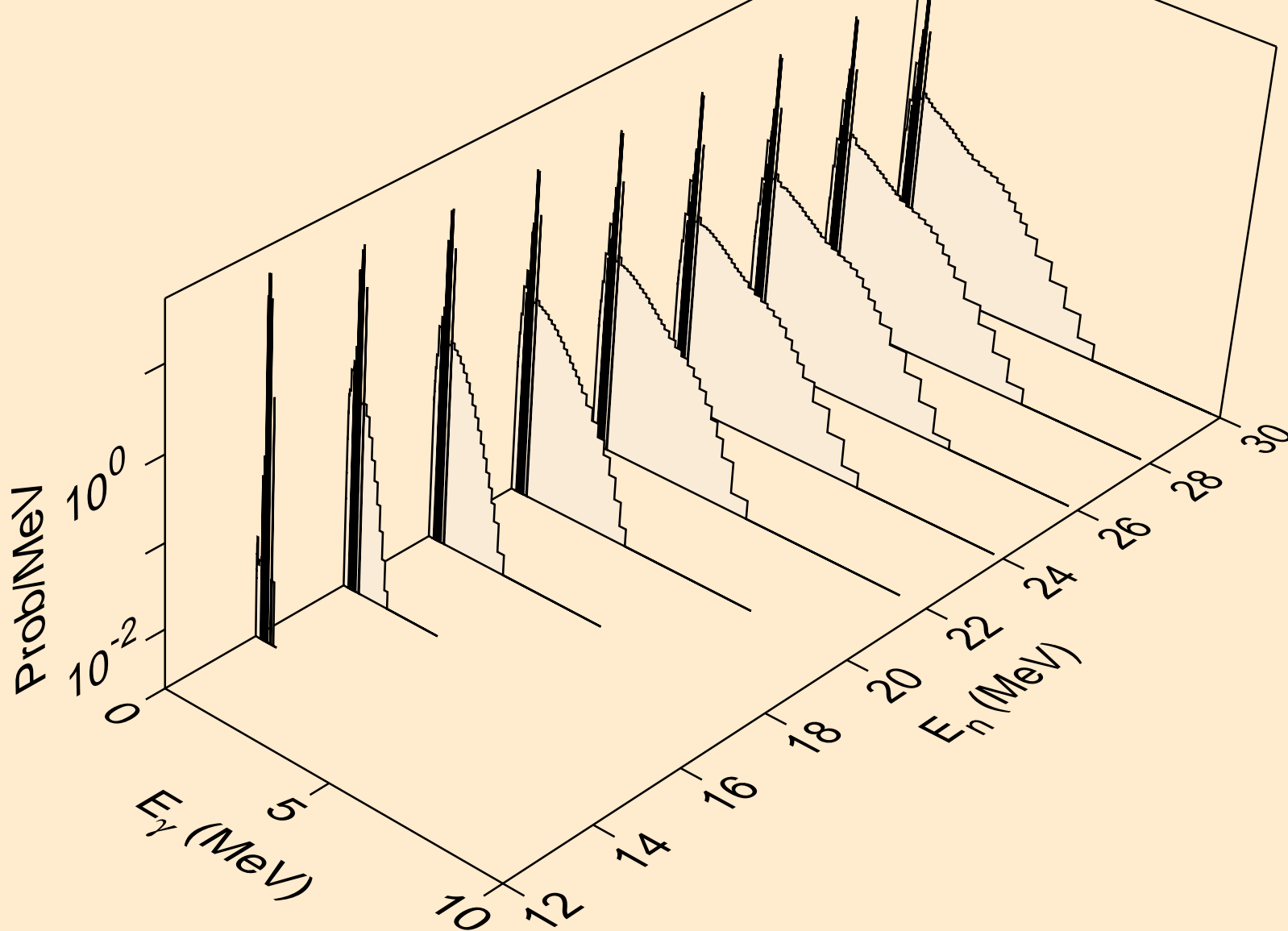
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



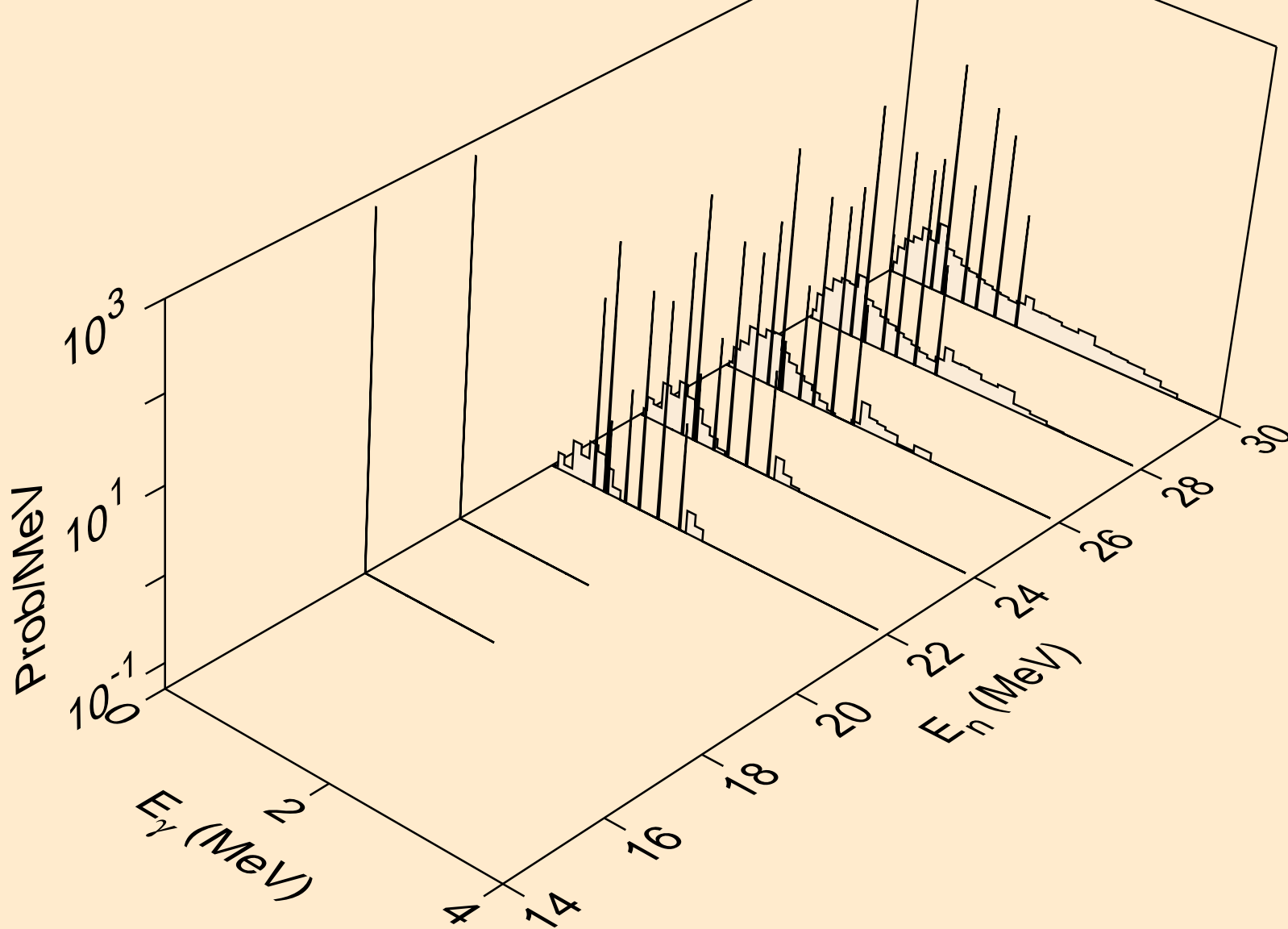
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



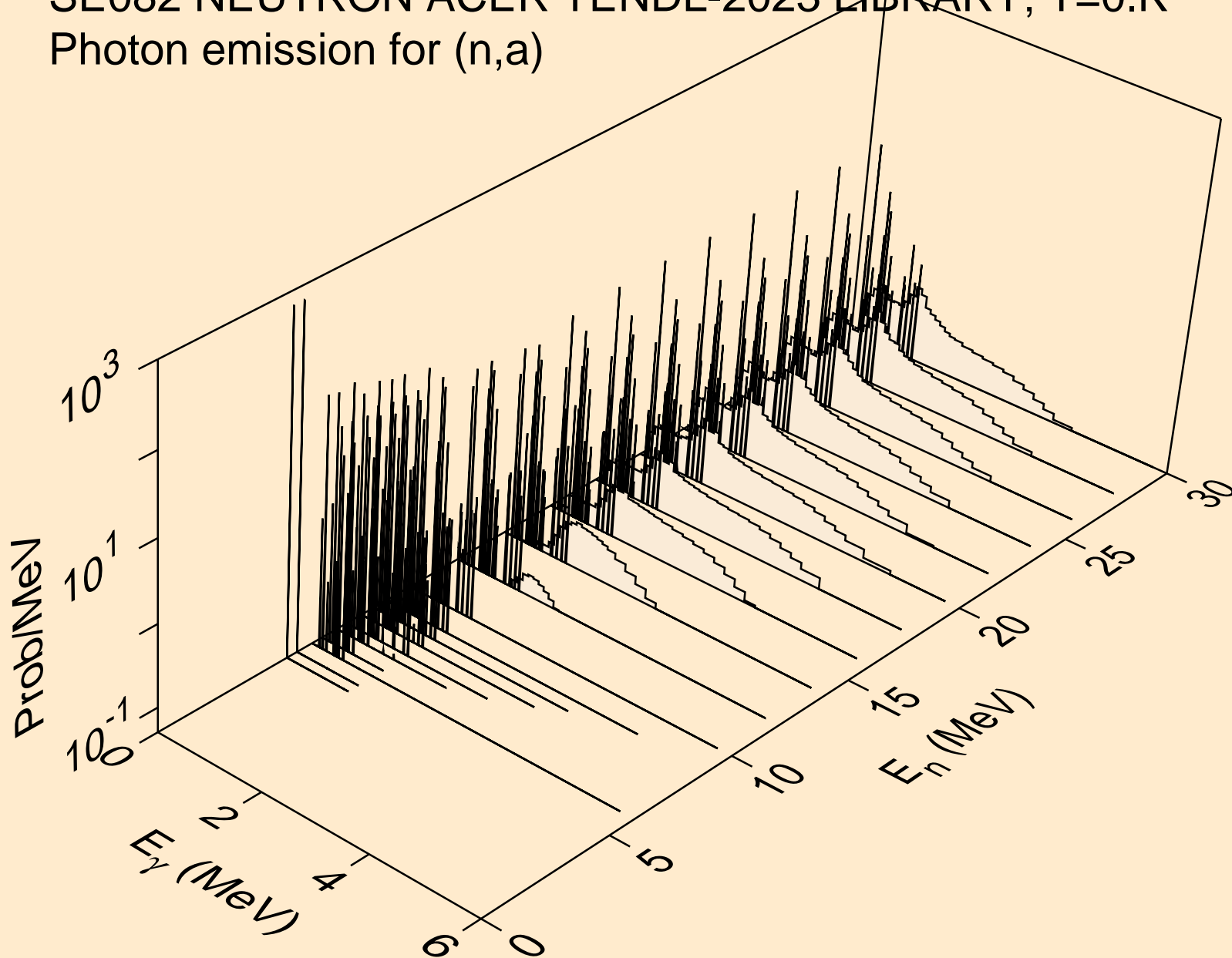
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



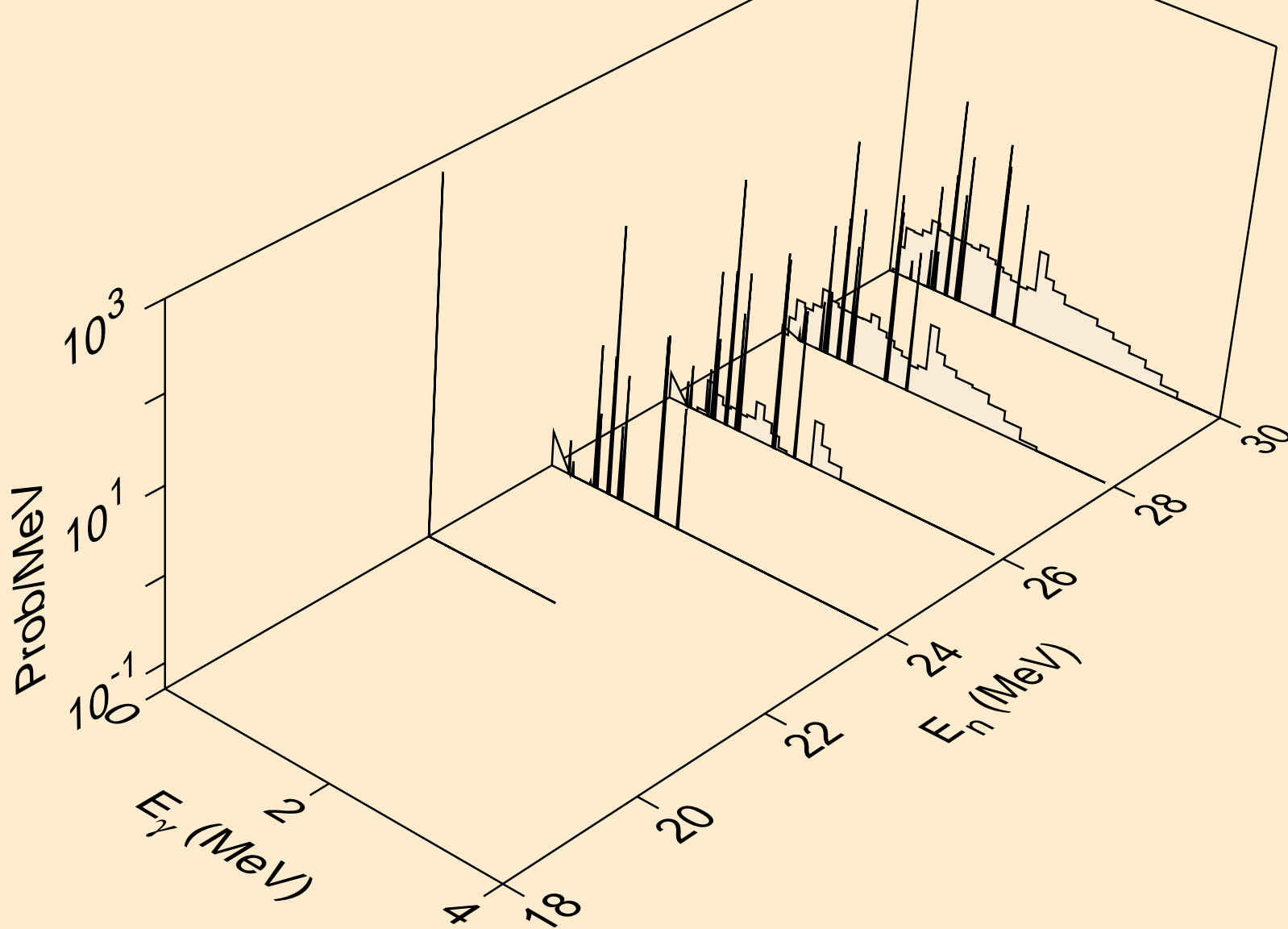
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



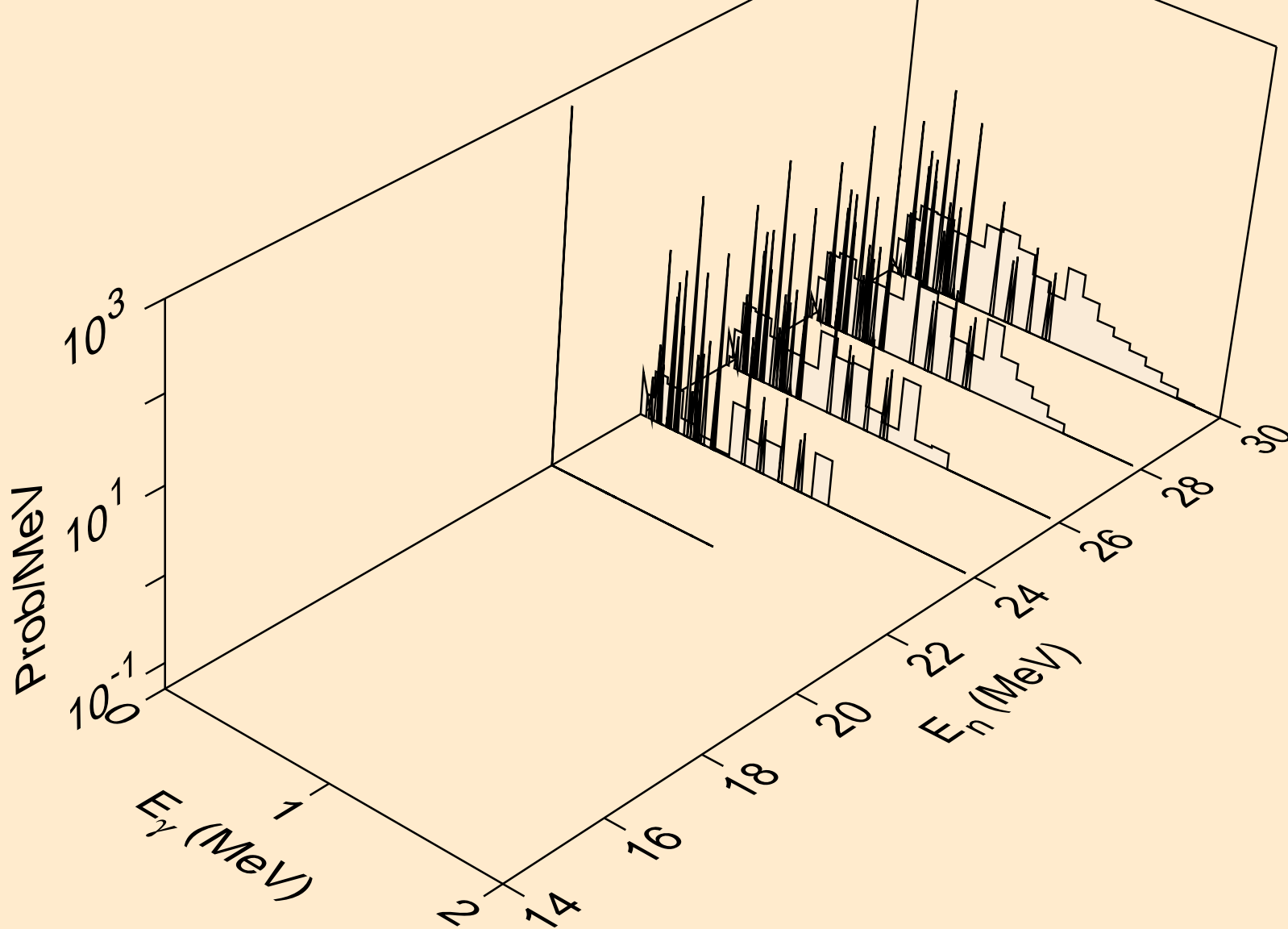
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



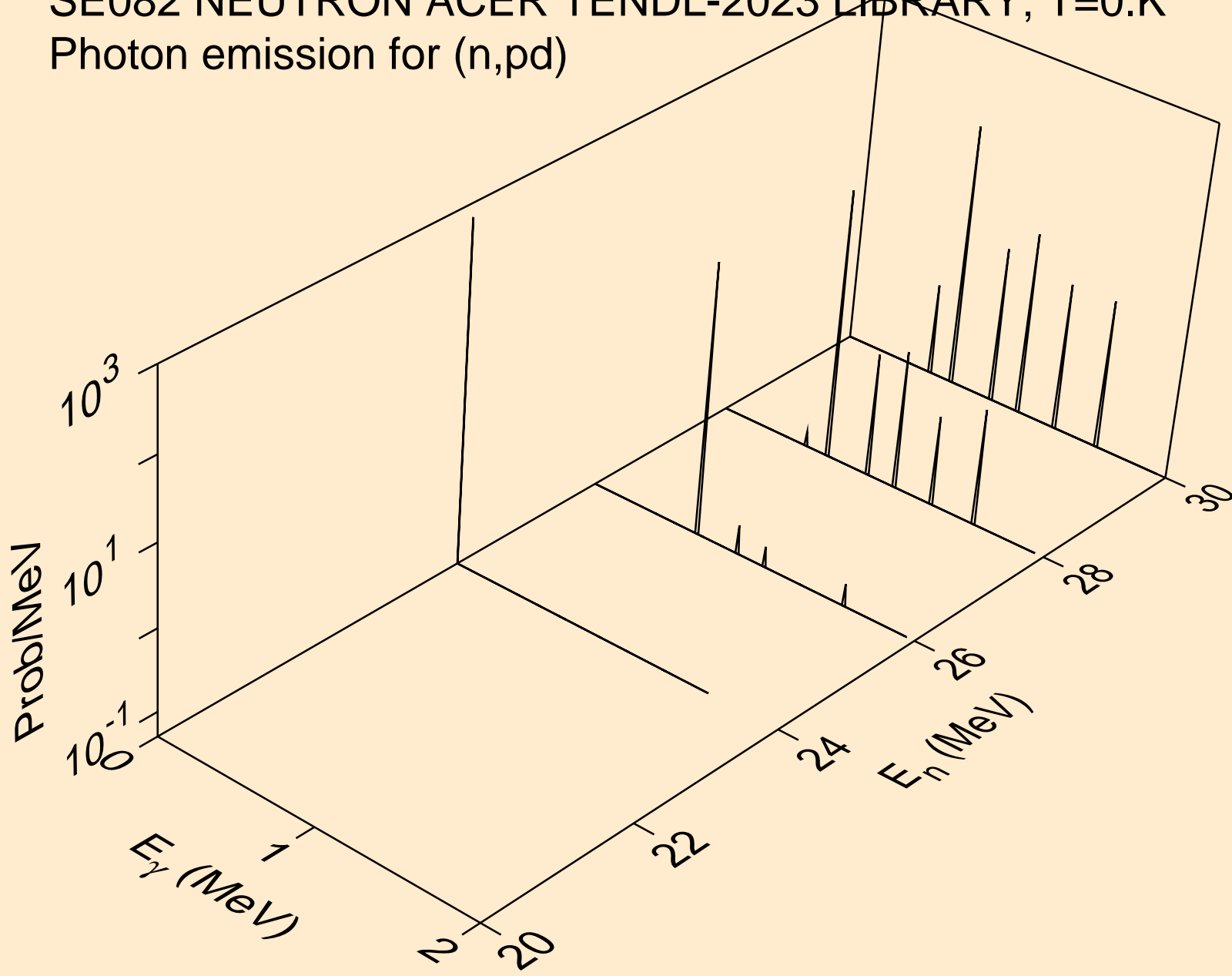
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



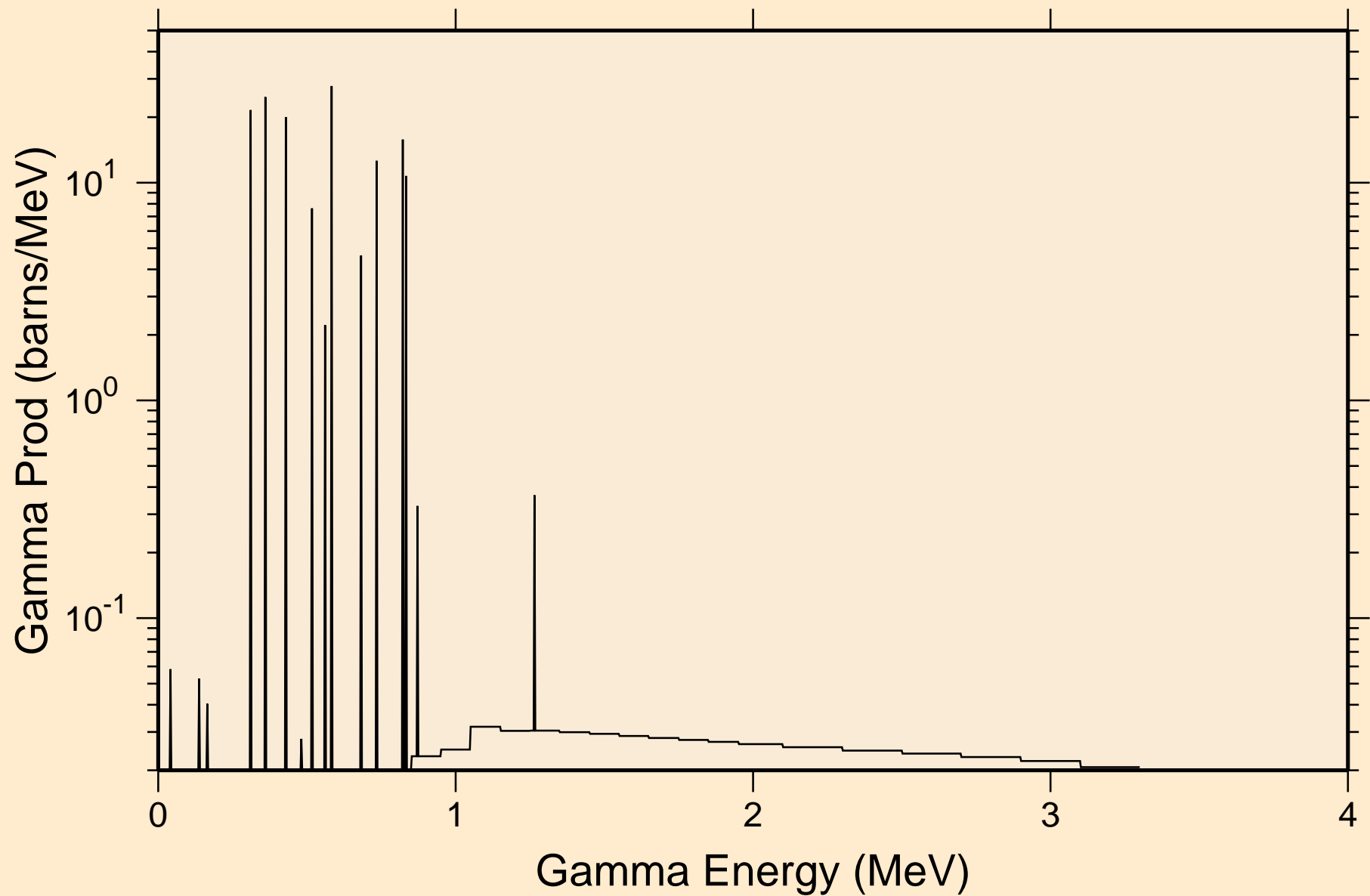
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



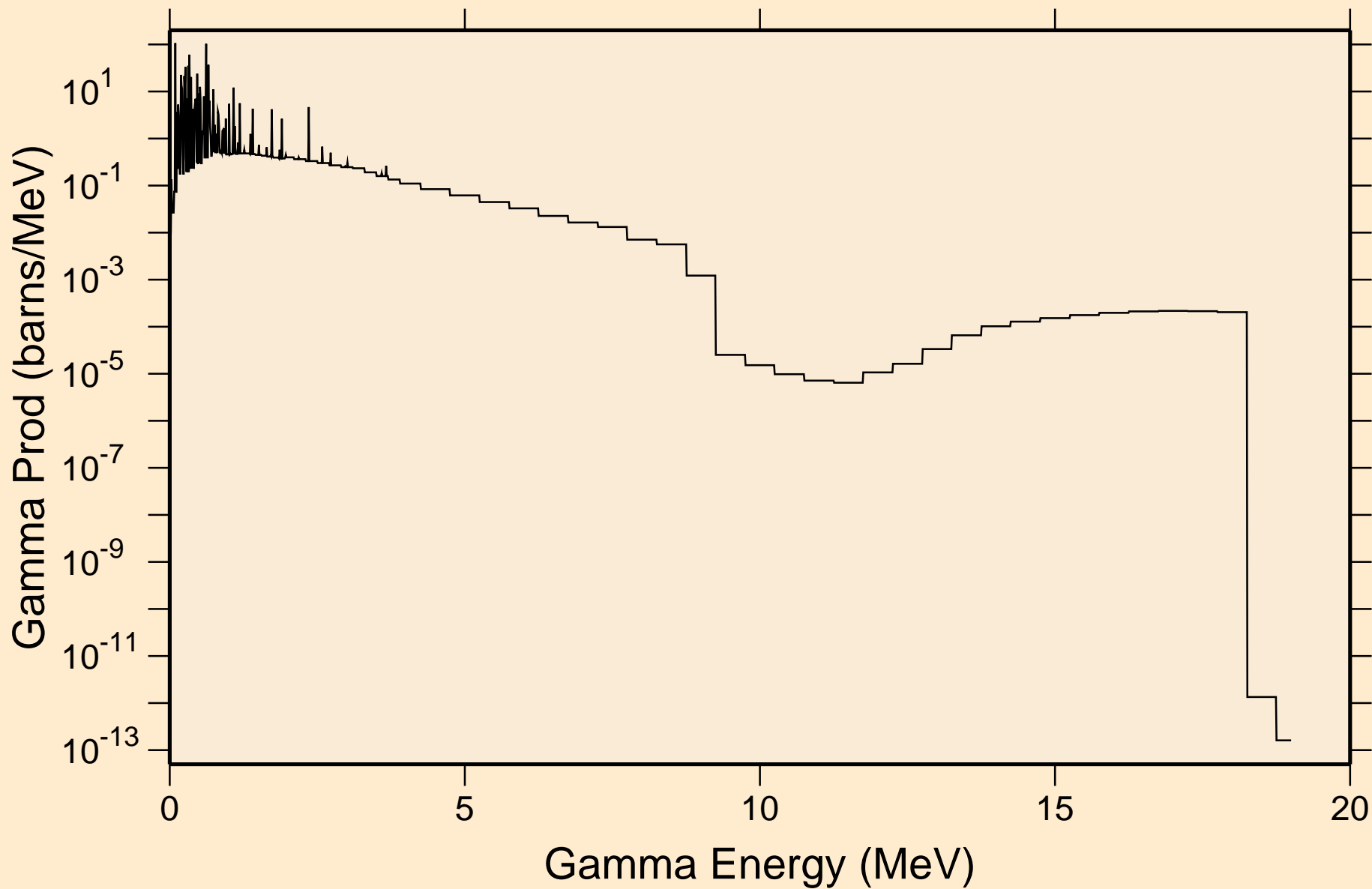
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

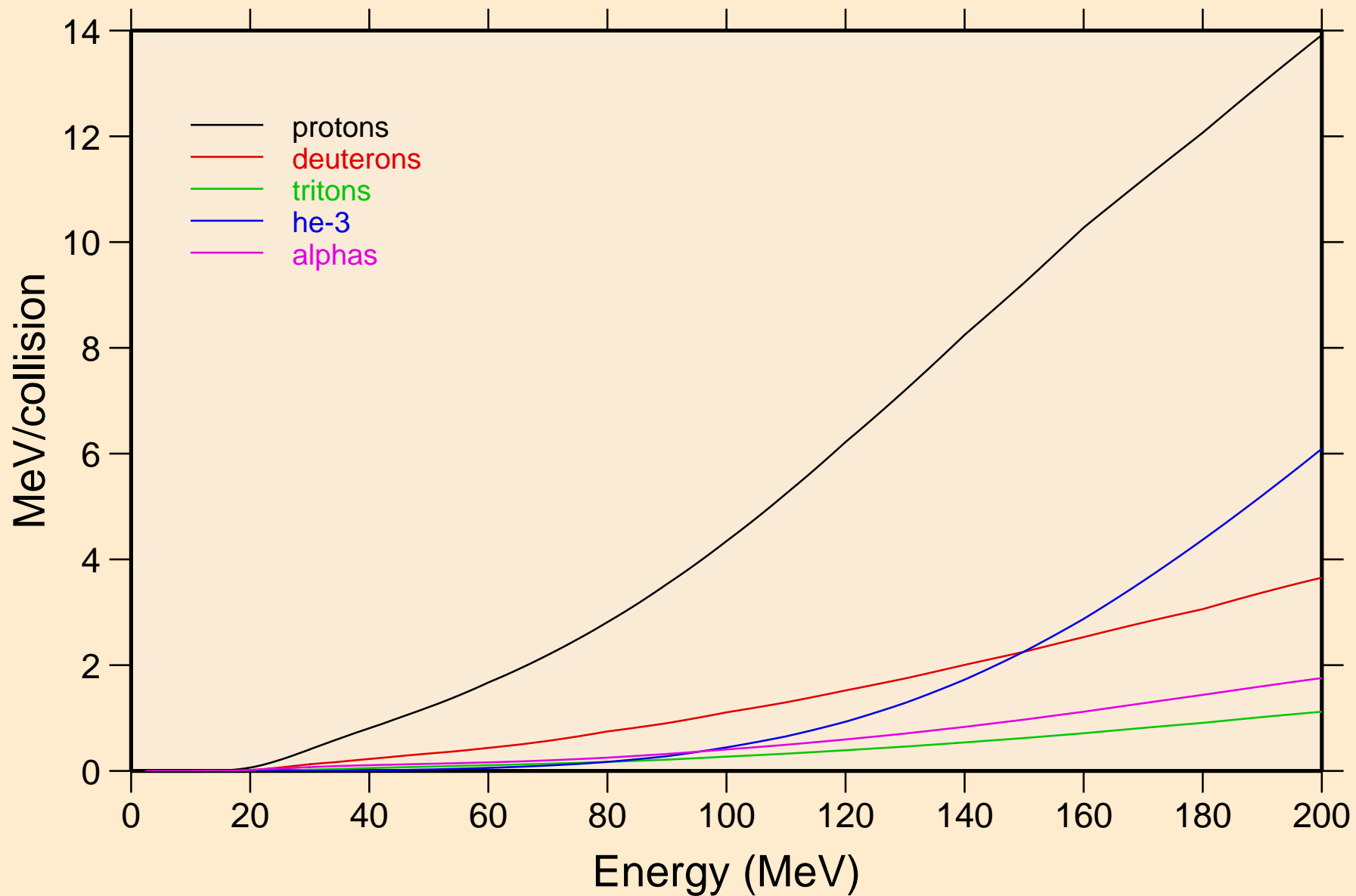


SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

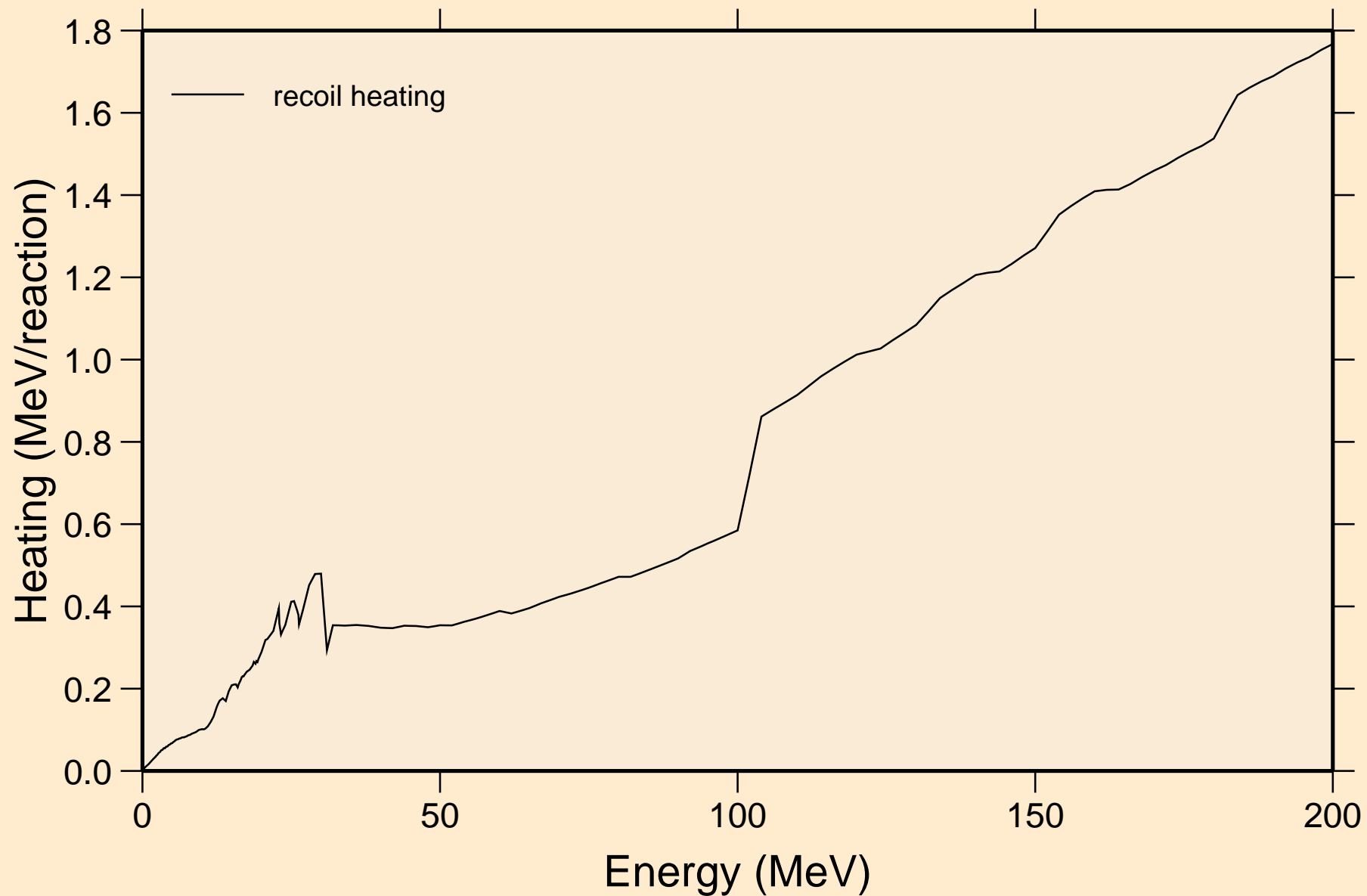


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

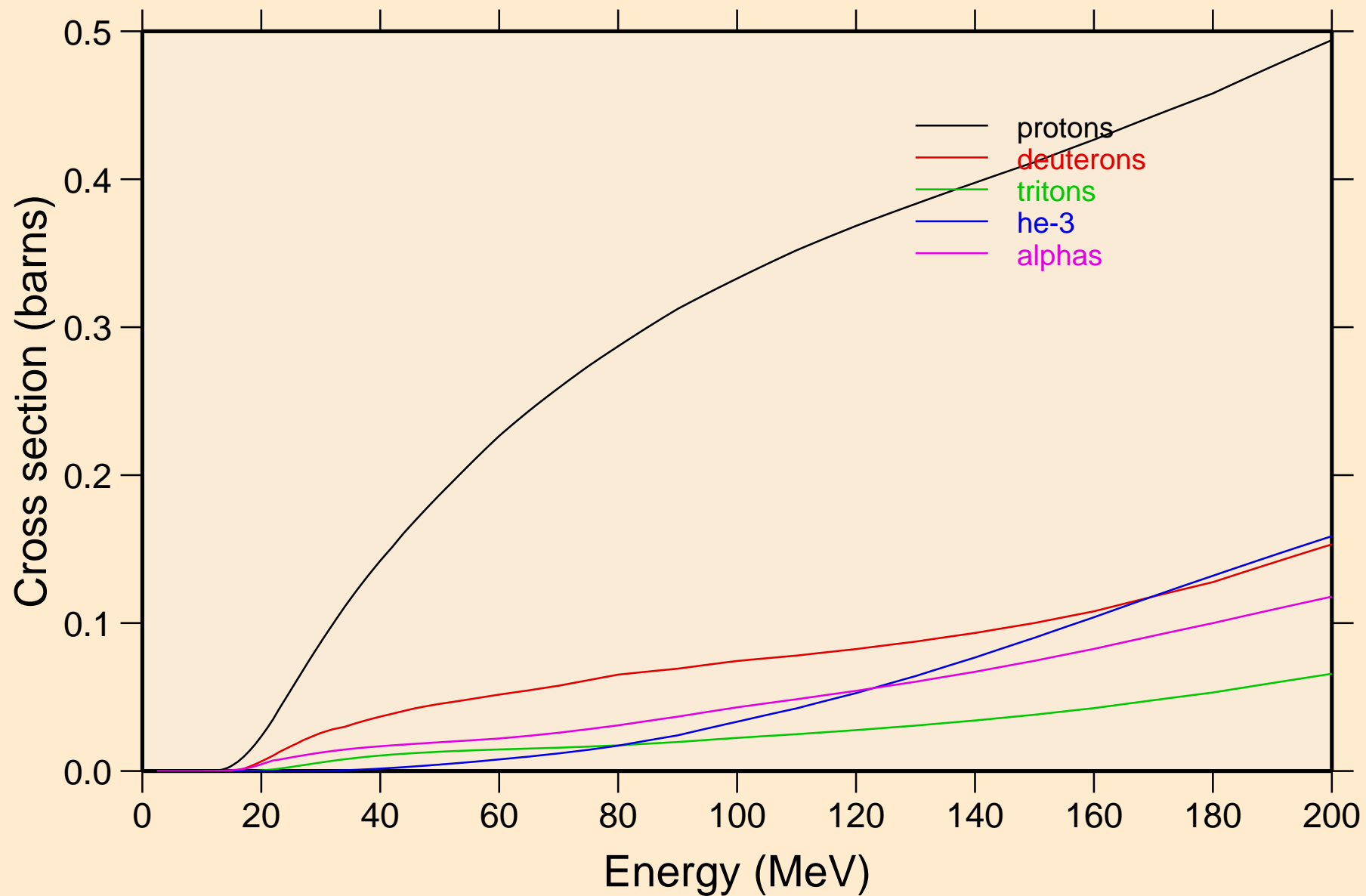


SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

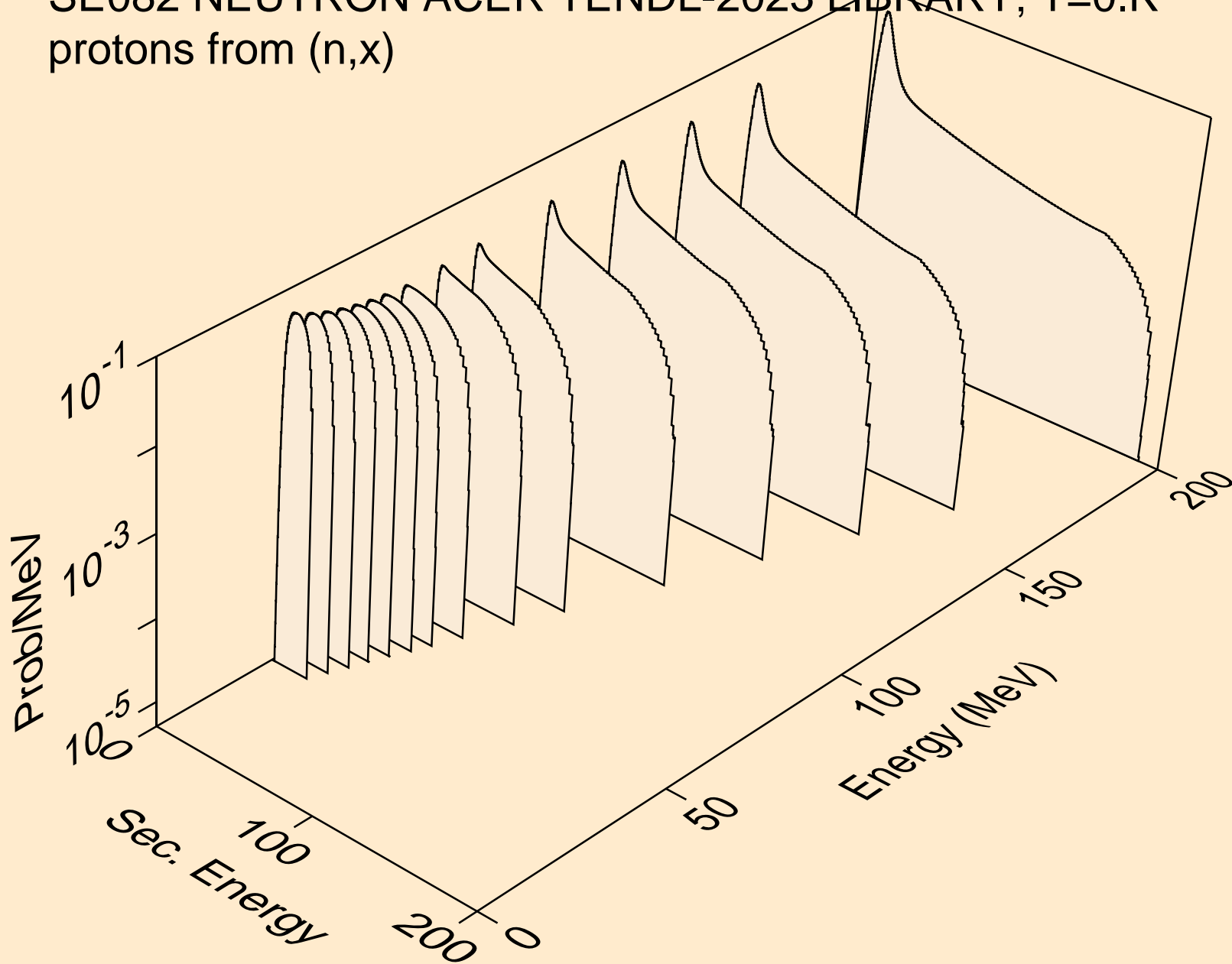


# SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

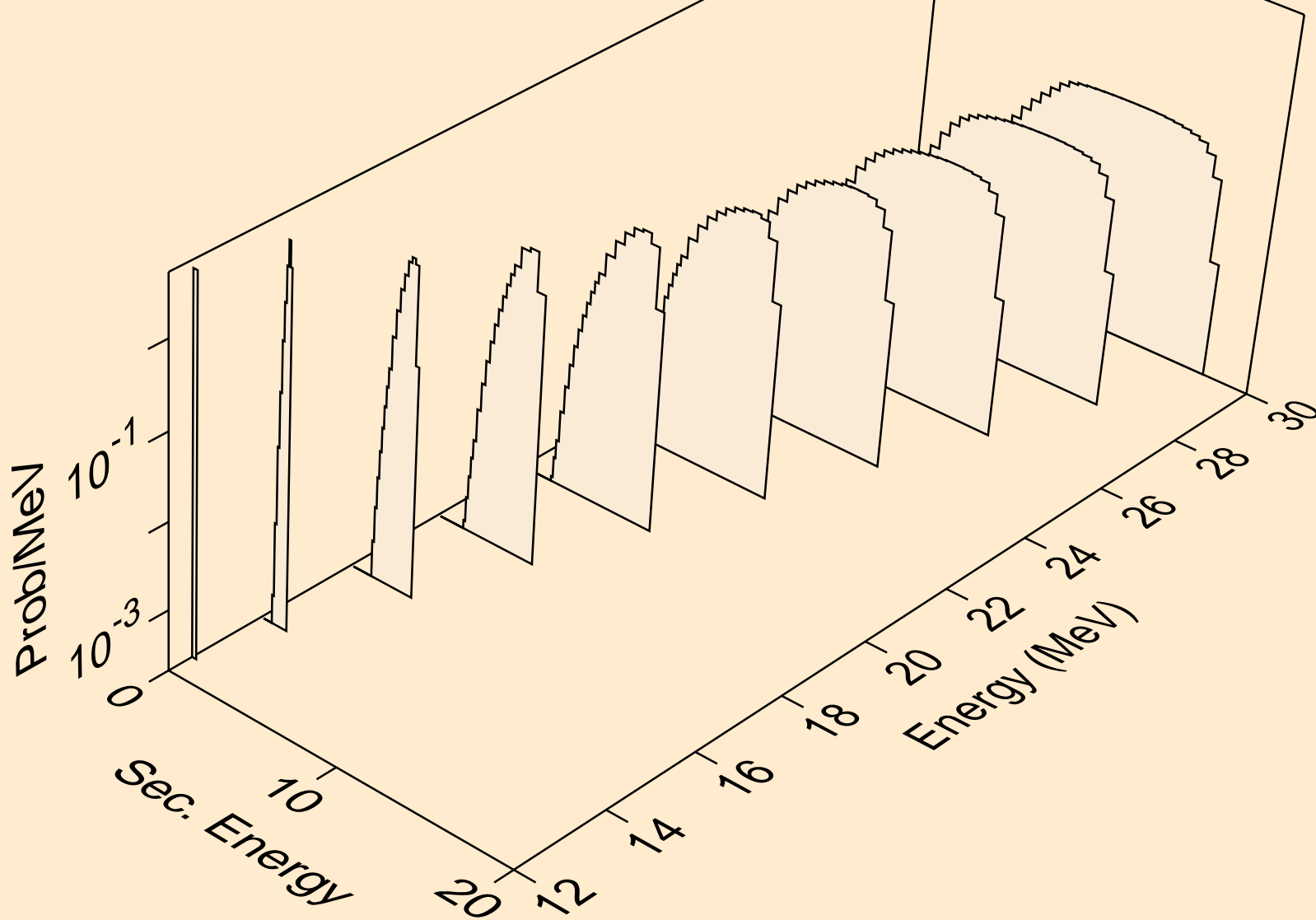
## Particle production cross sections



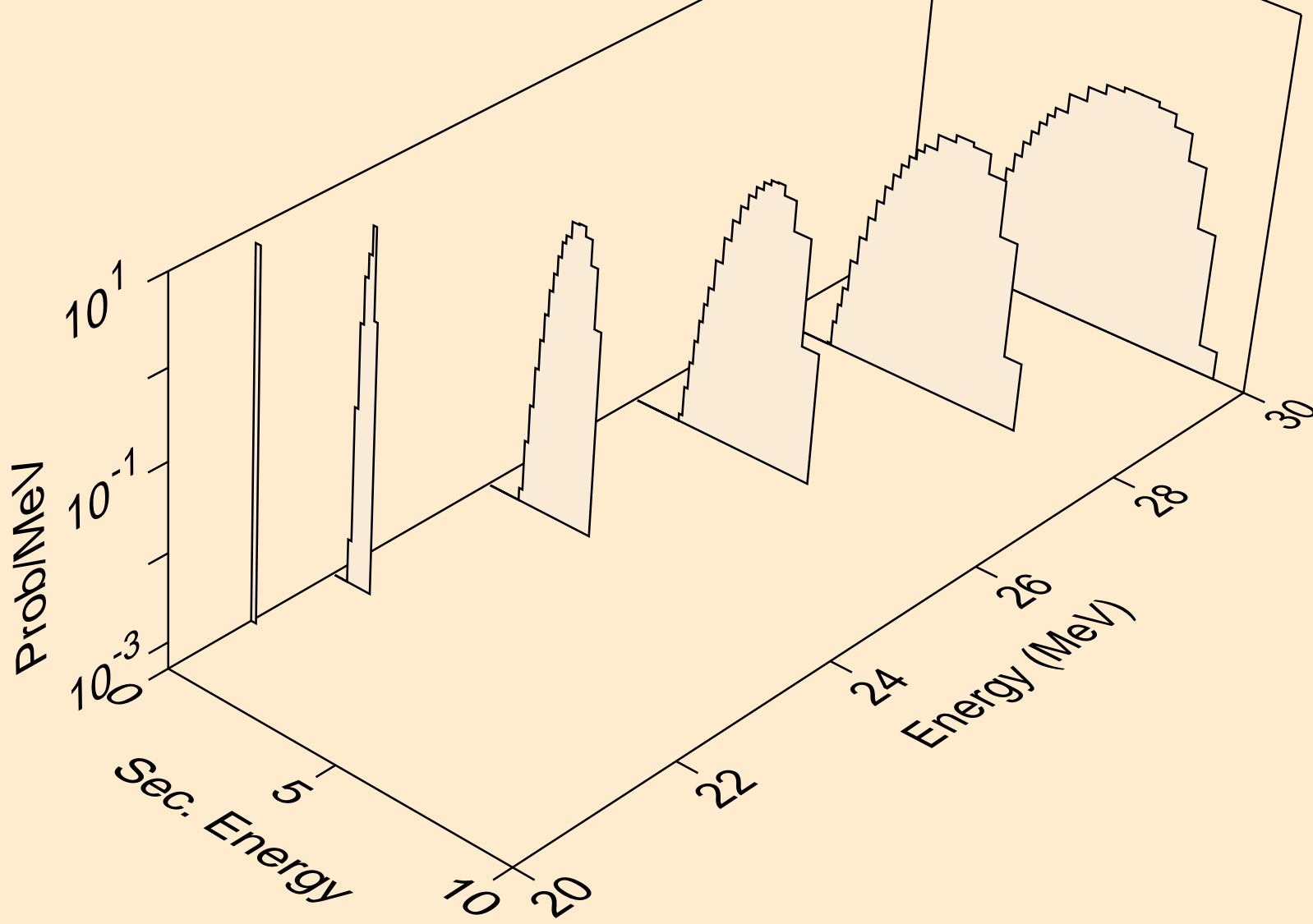
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



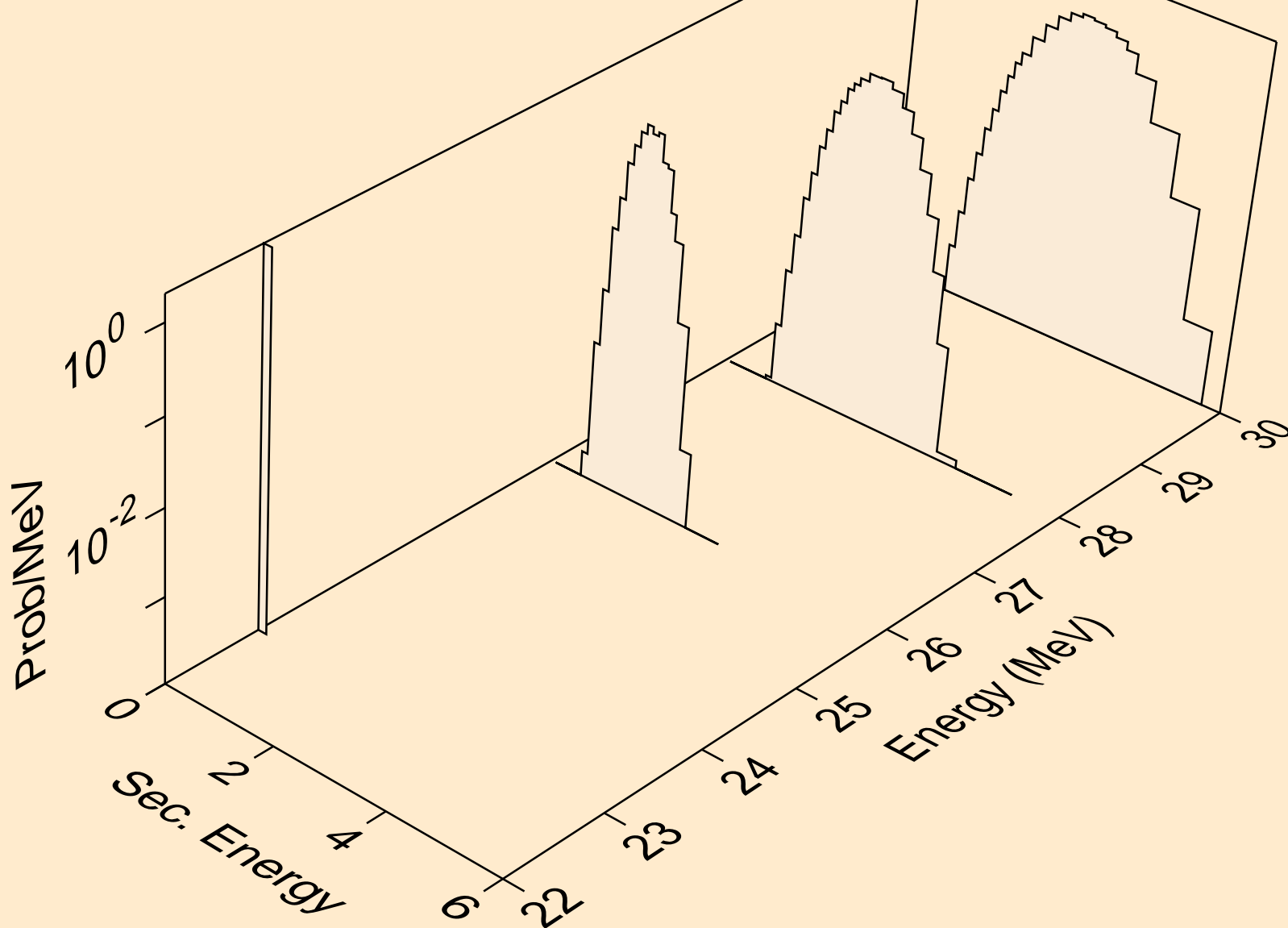
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



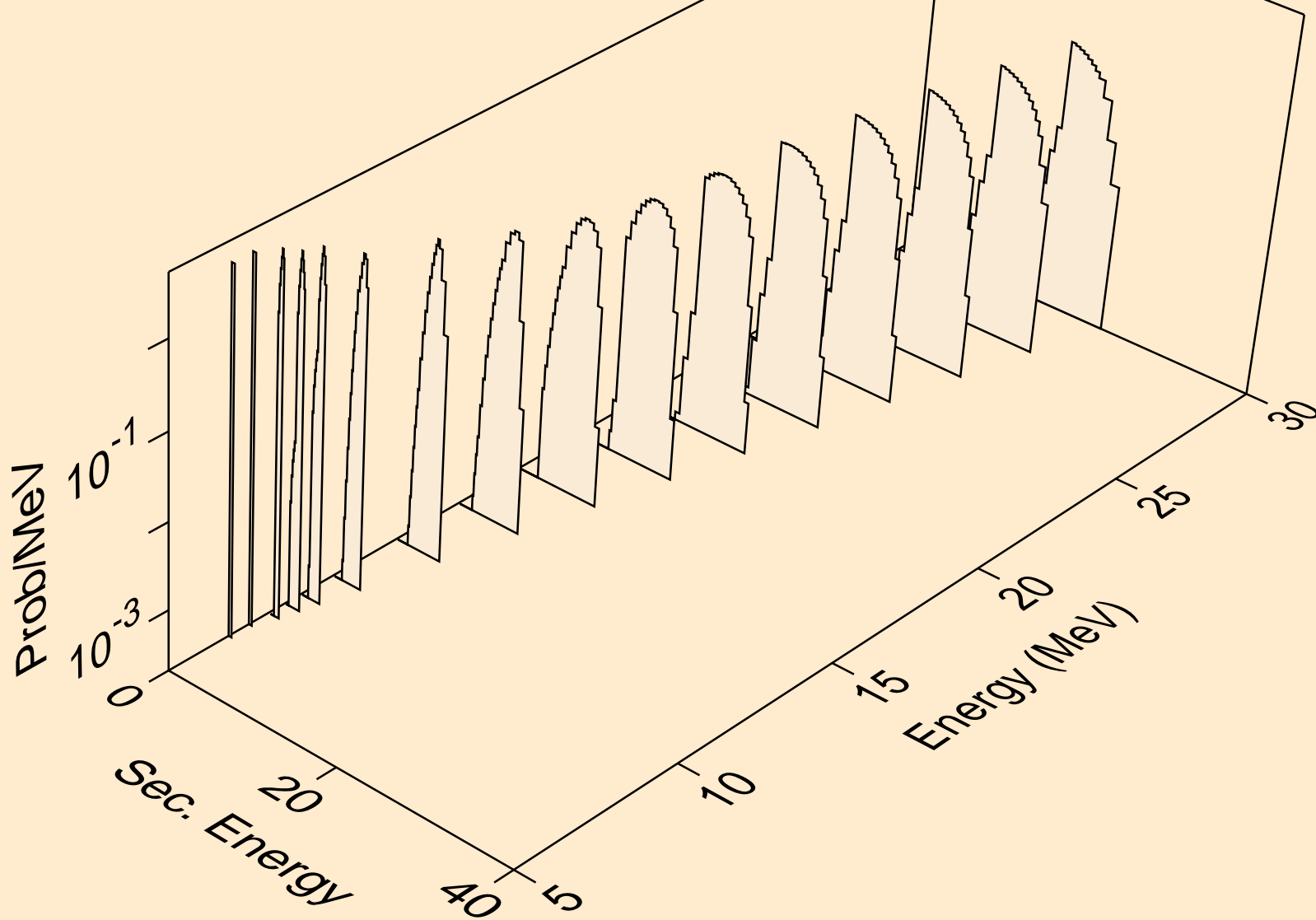
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



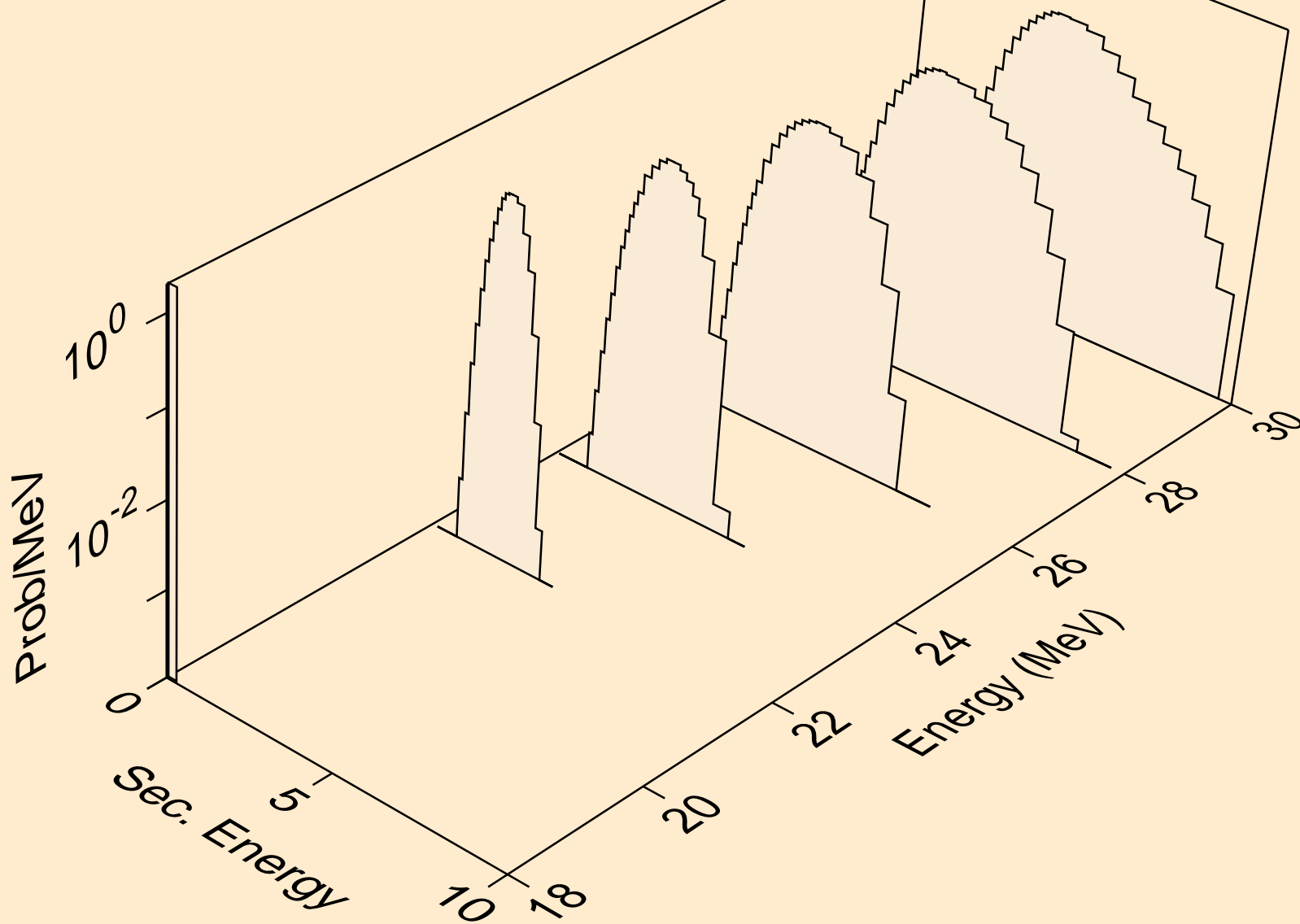
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



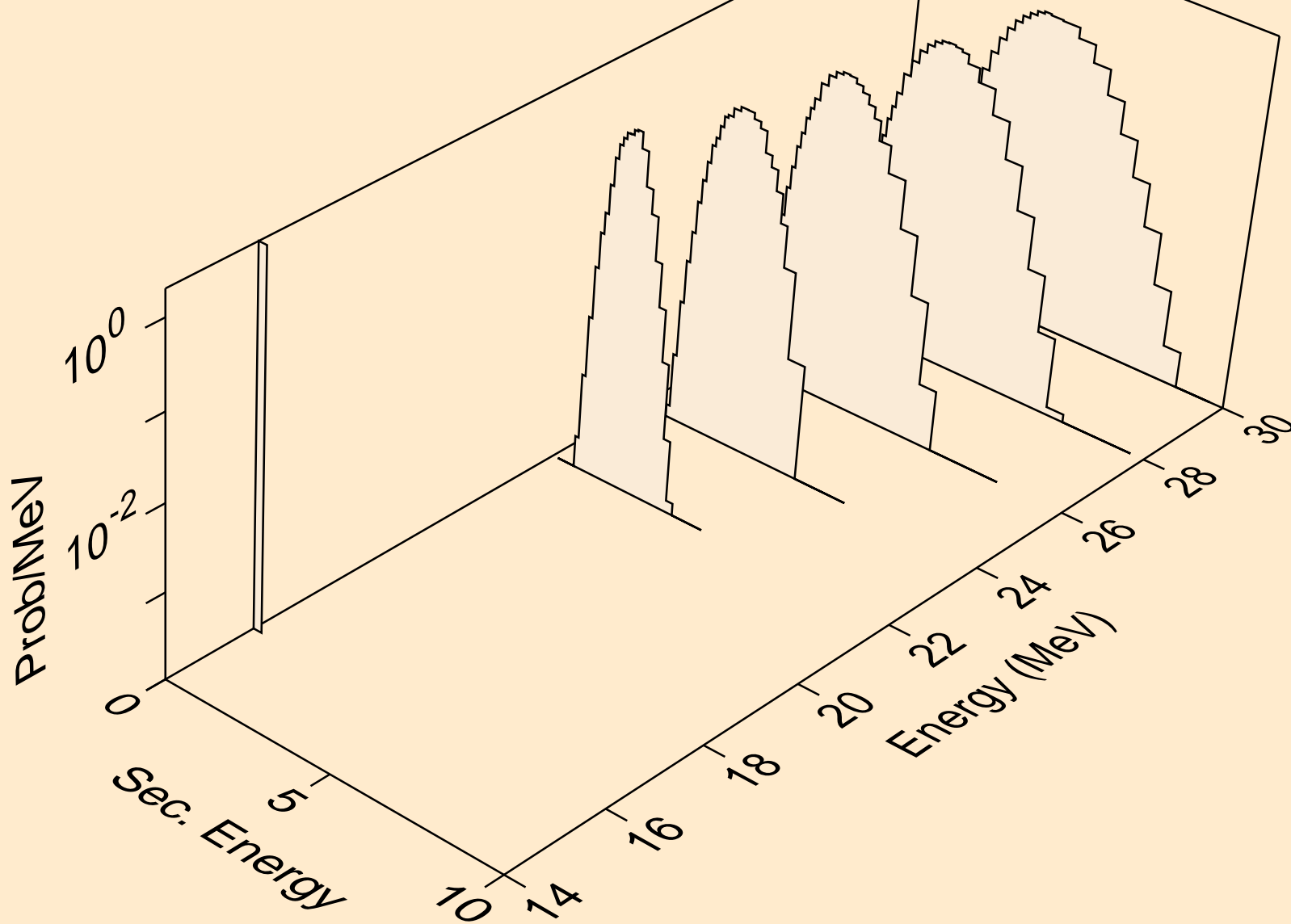
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



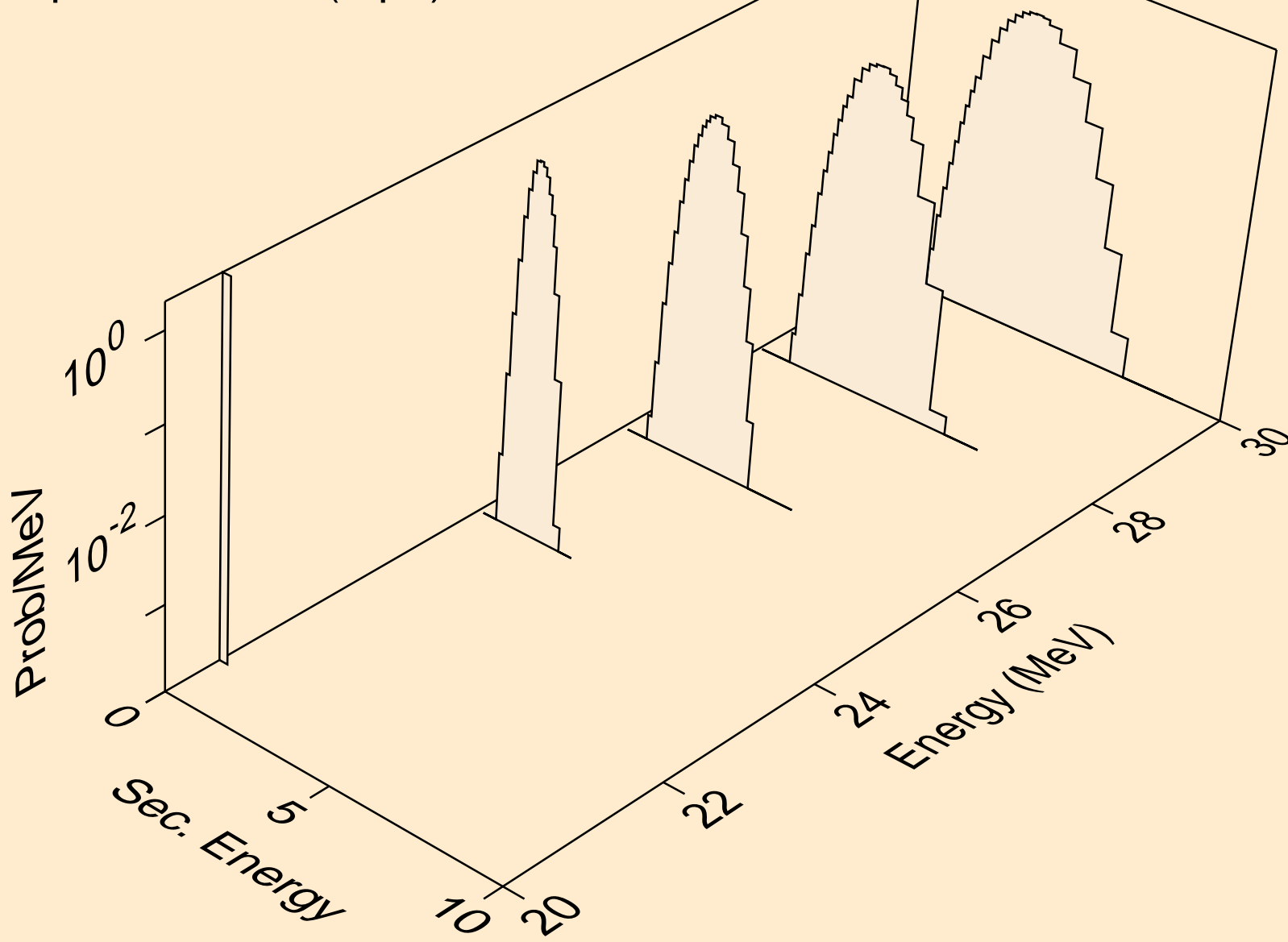
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



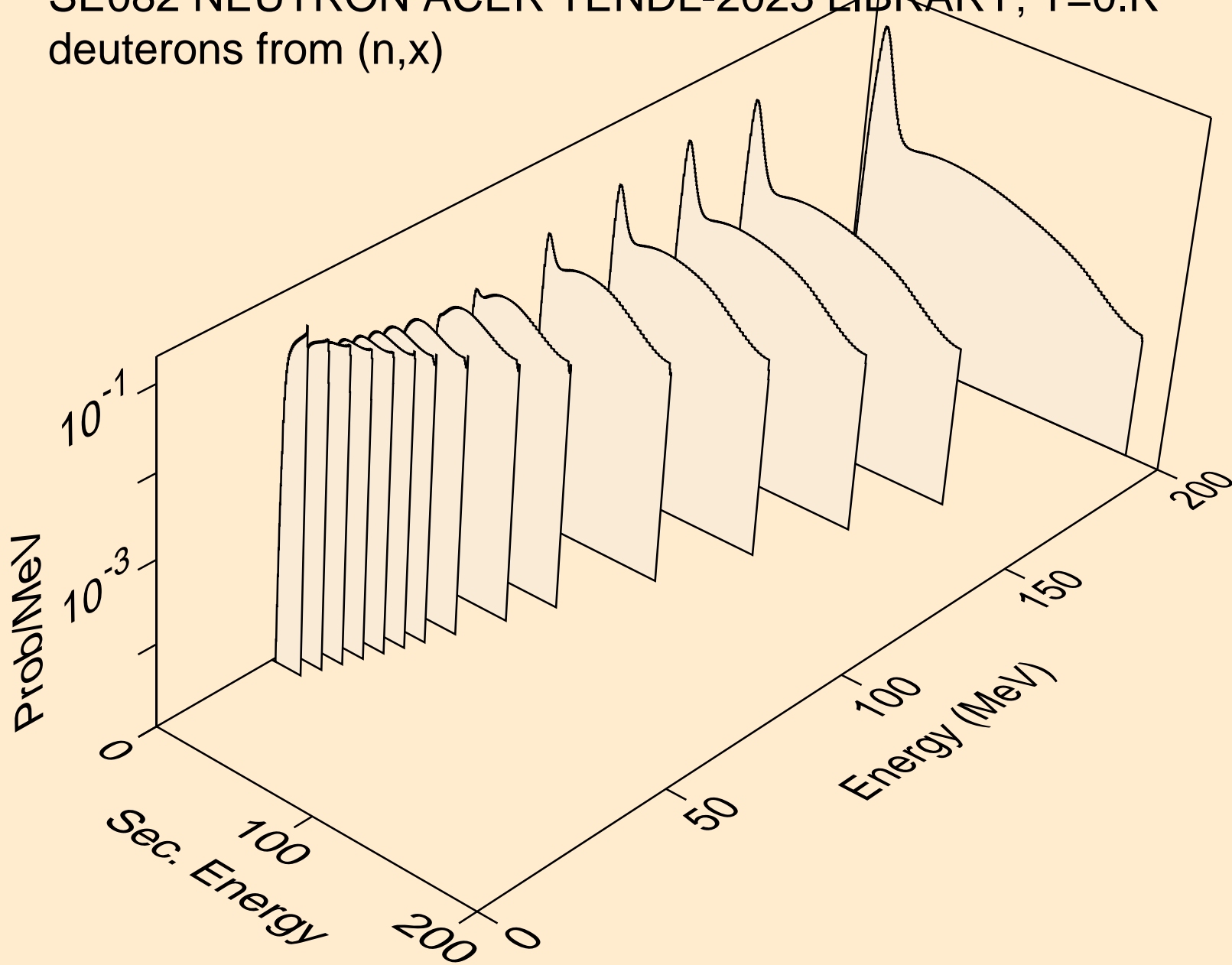
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)



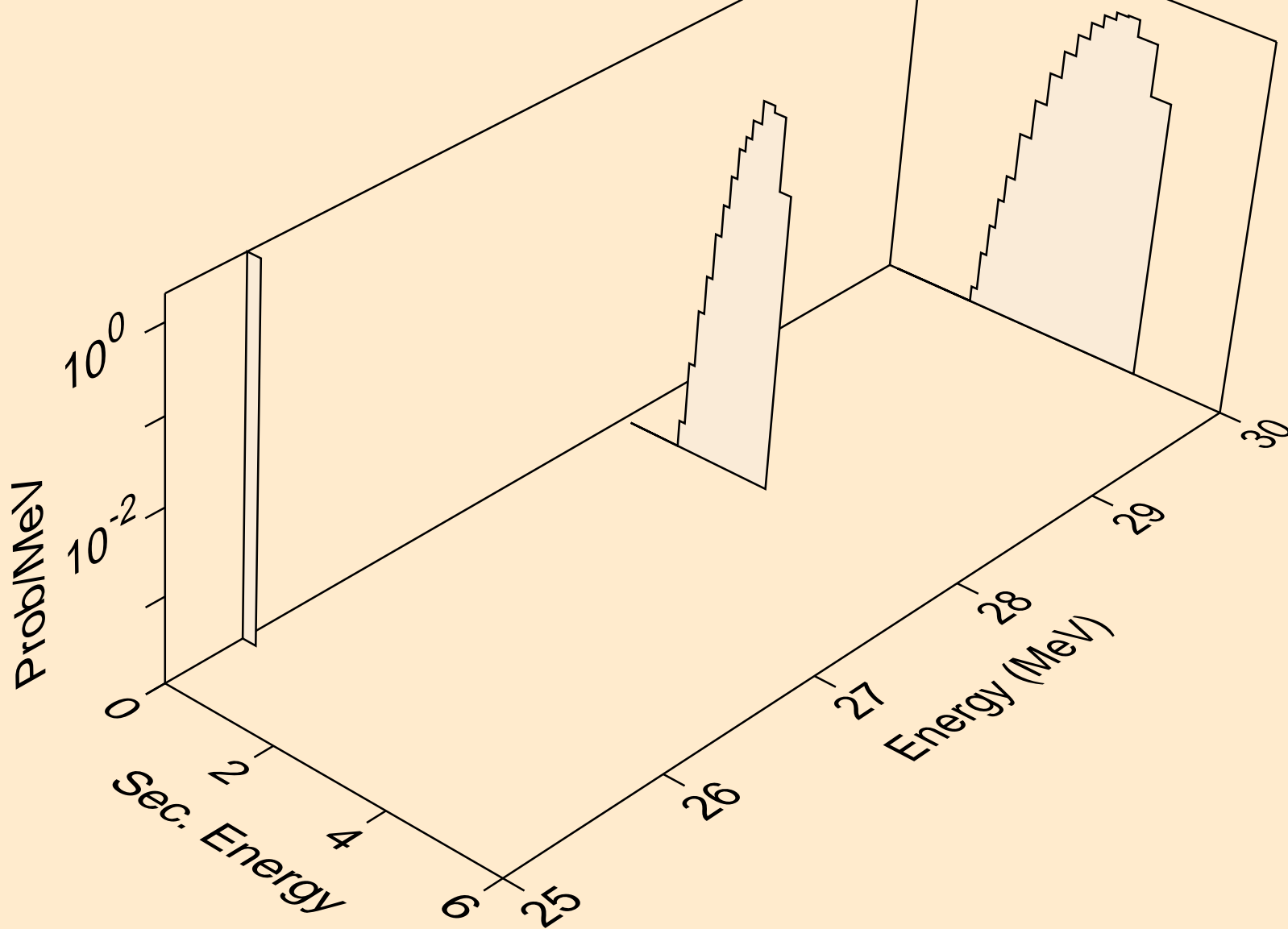
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



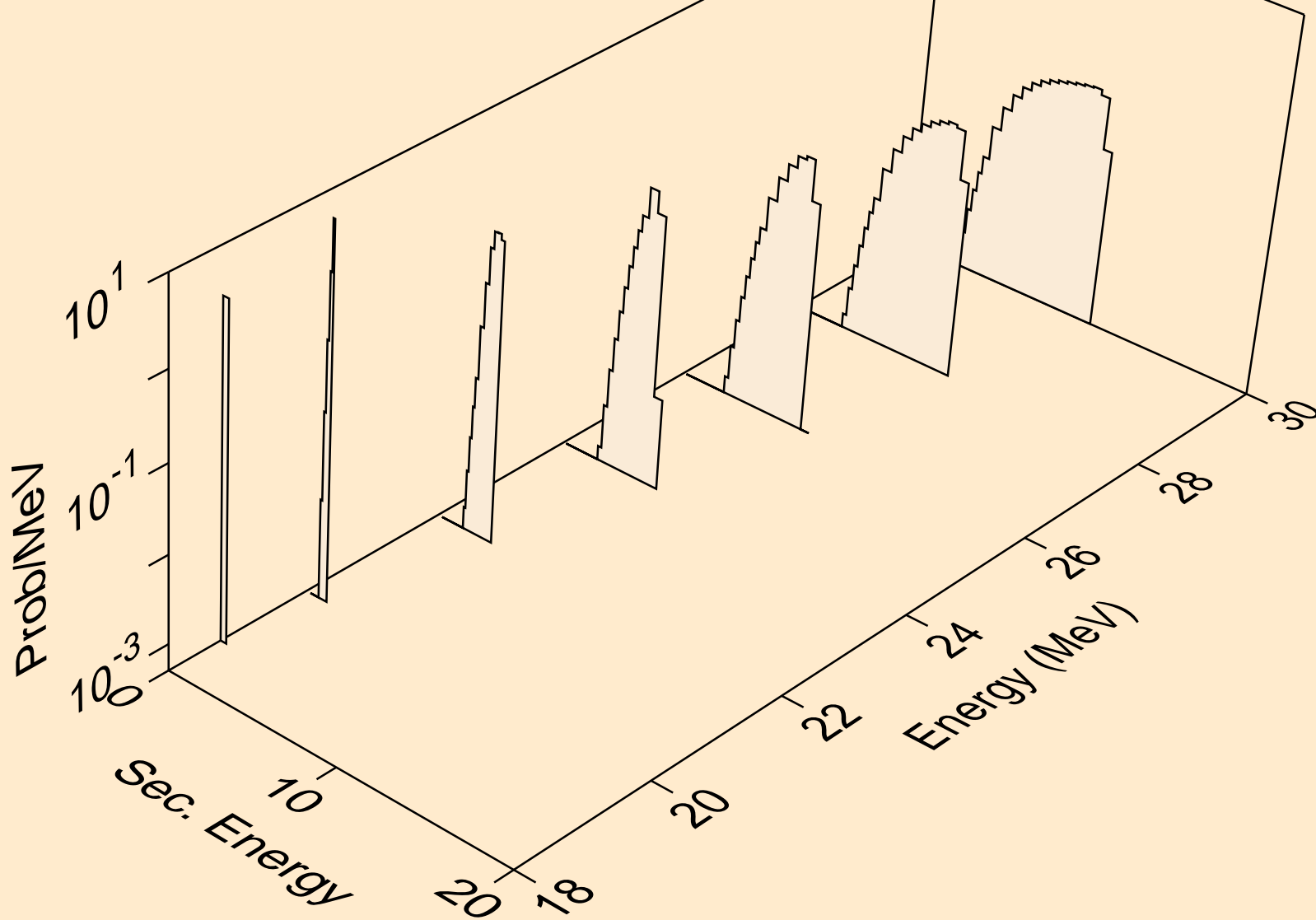
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



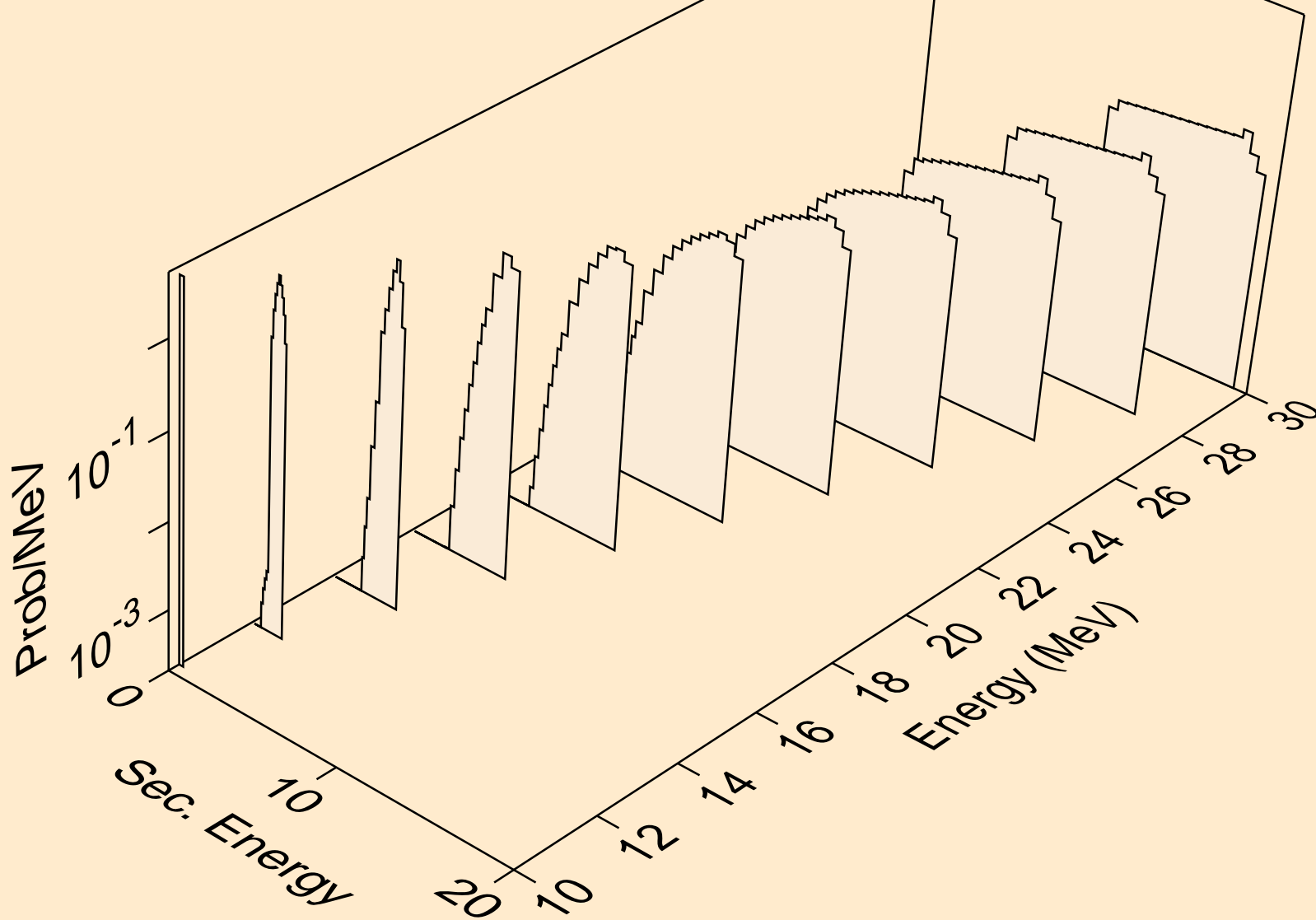
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



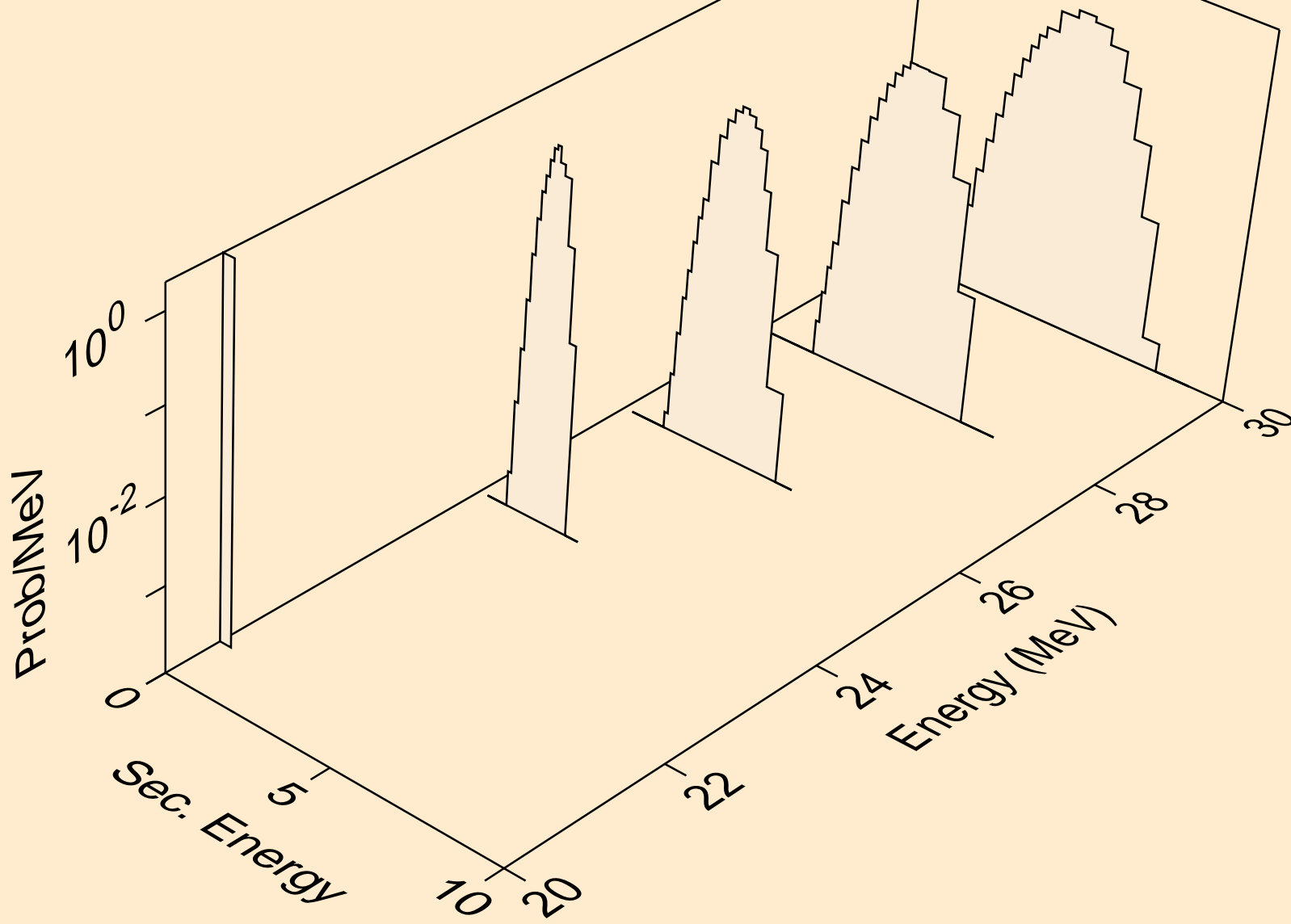
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



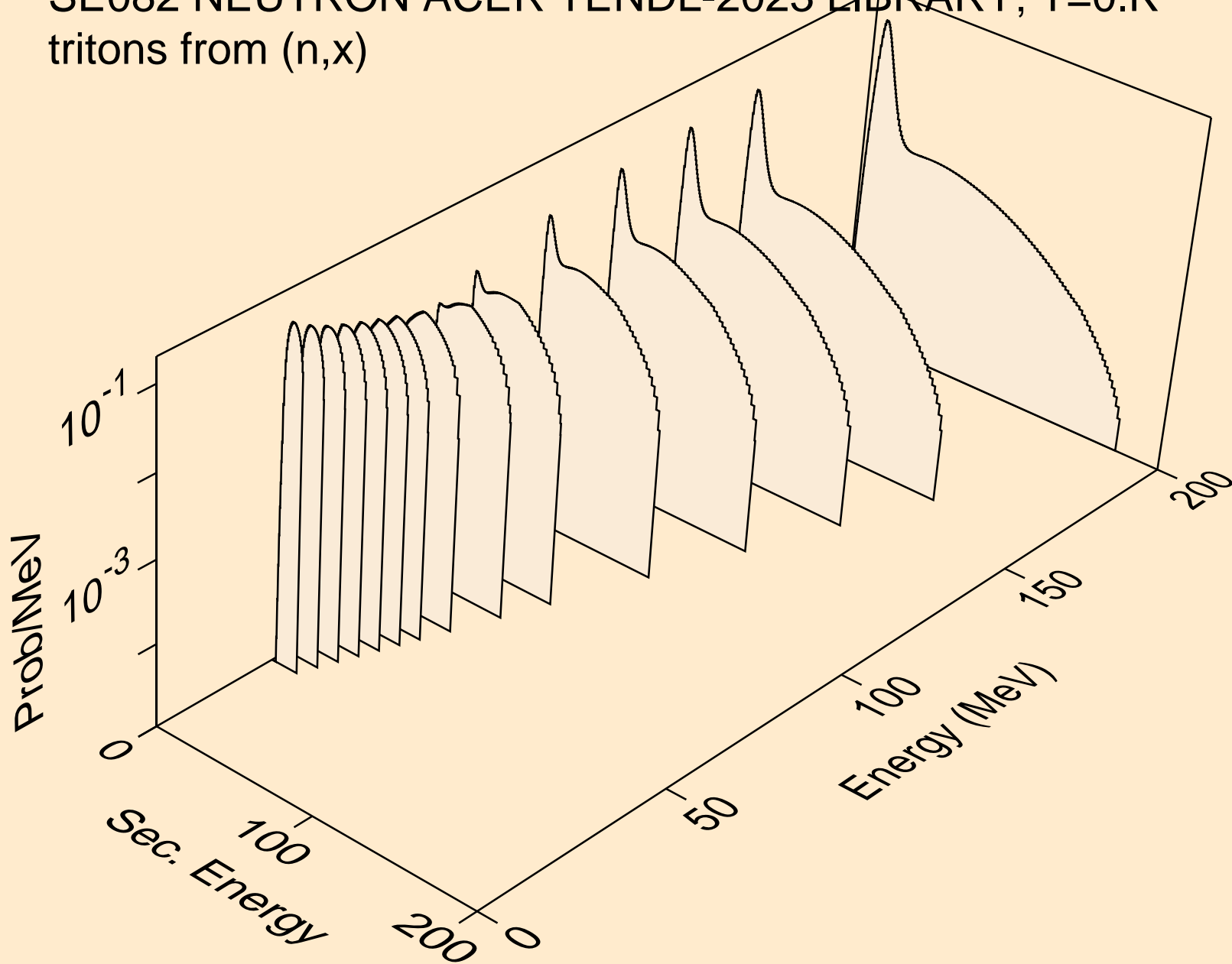
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



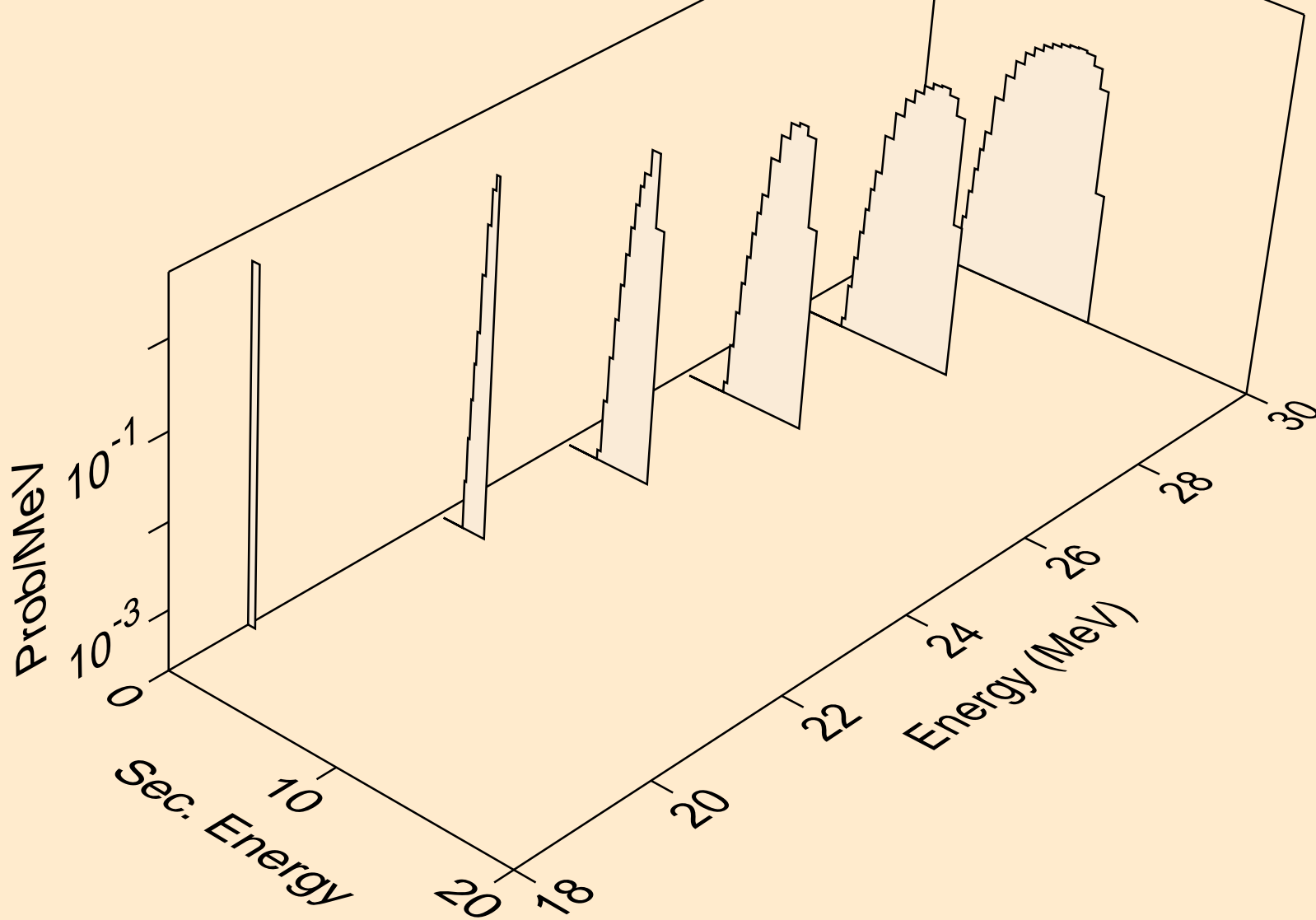
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



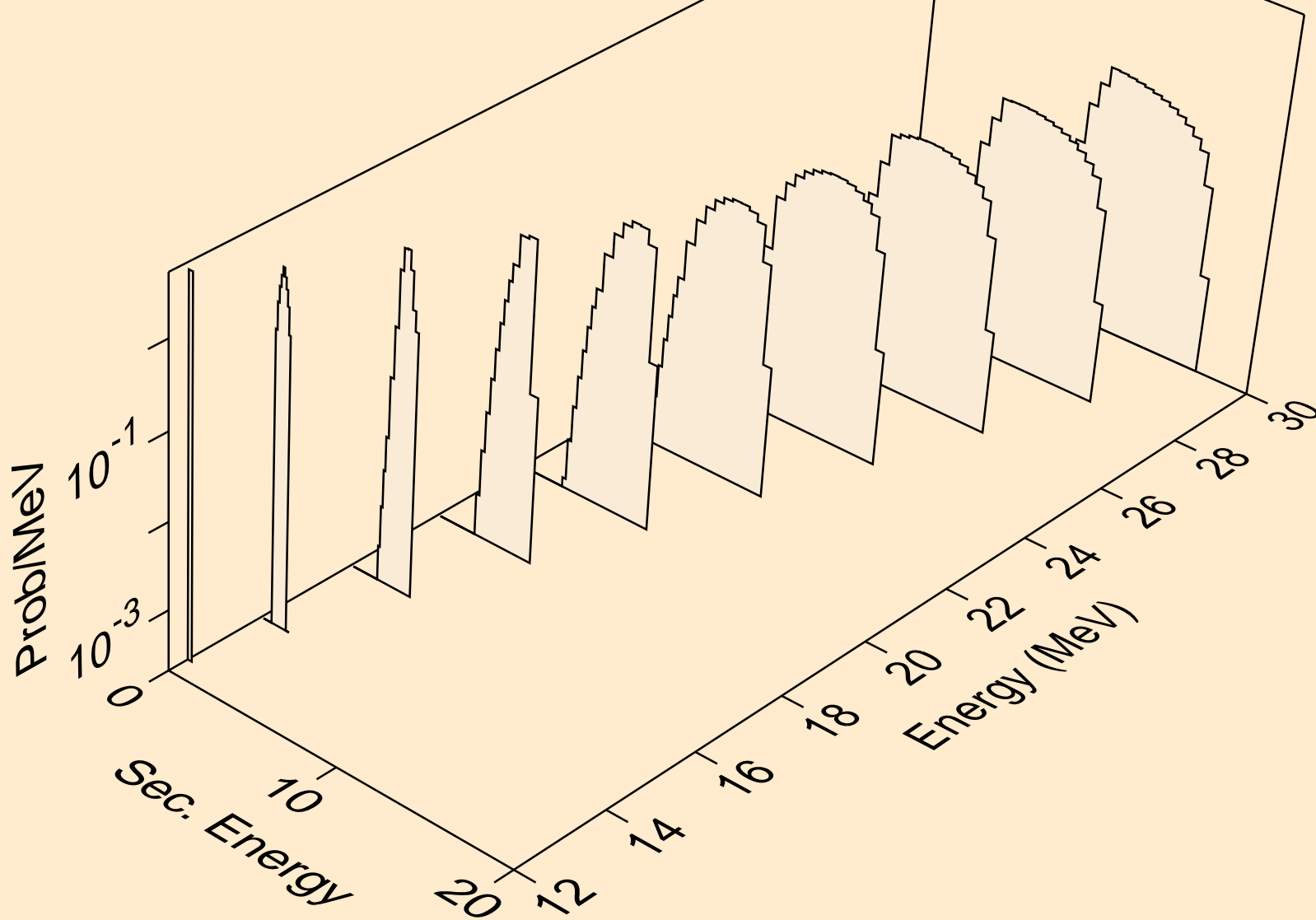
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



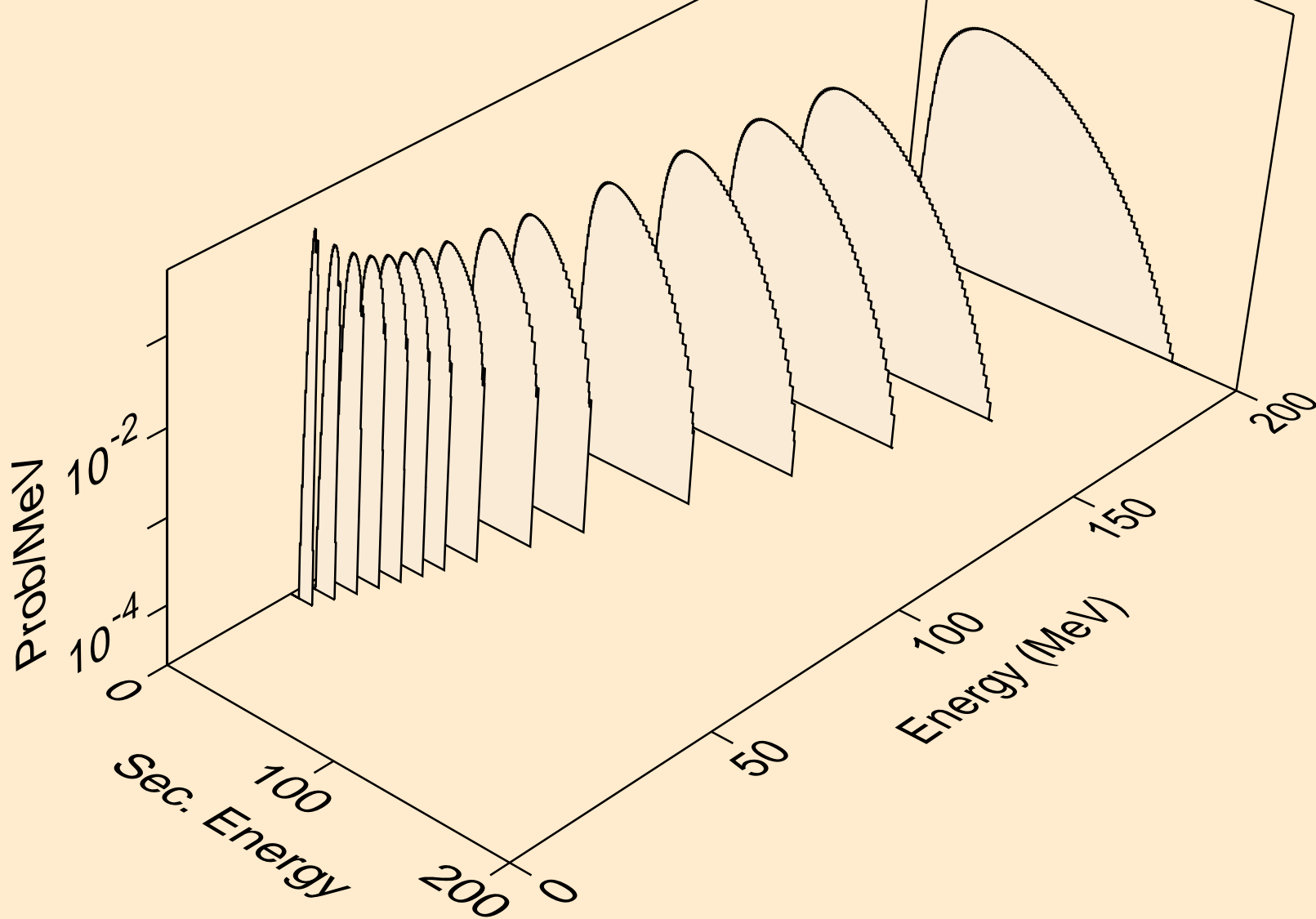
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



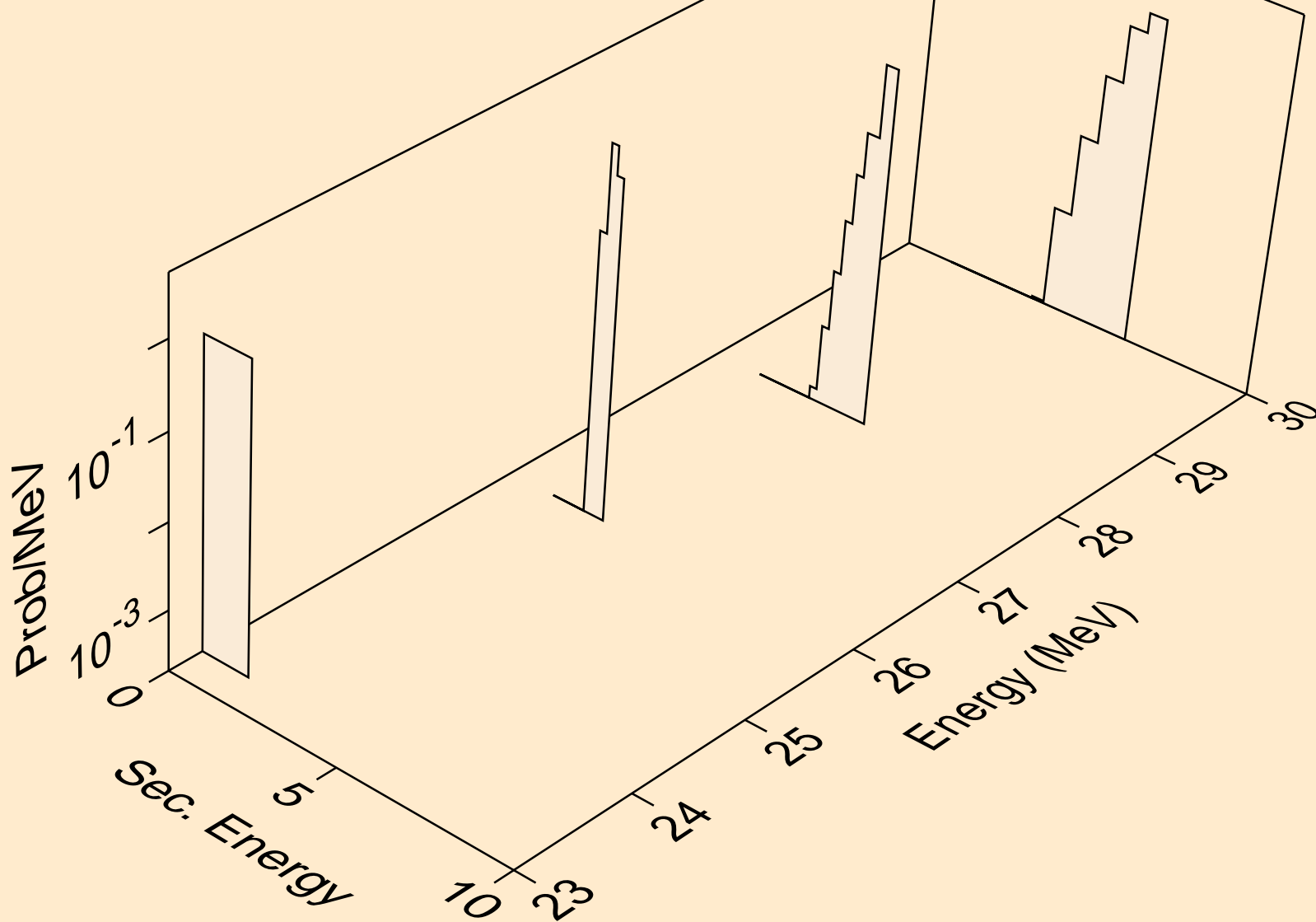
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



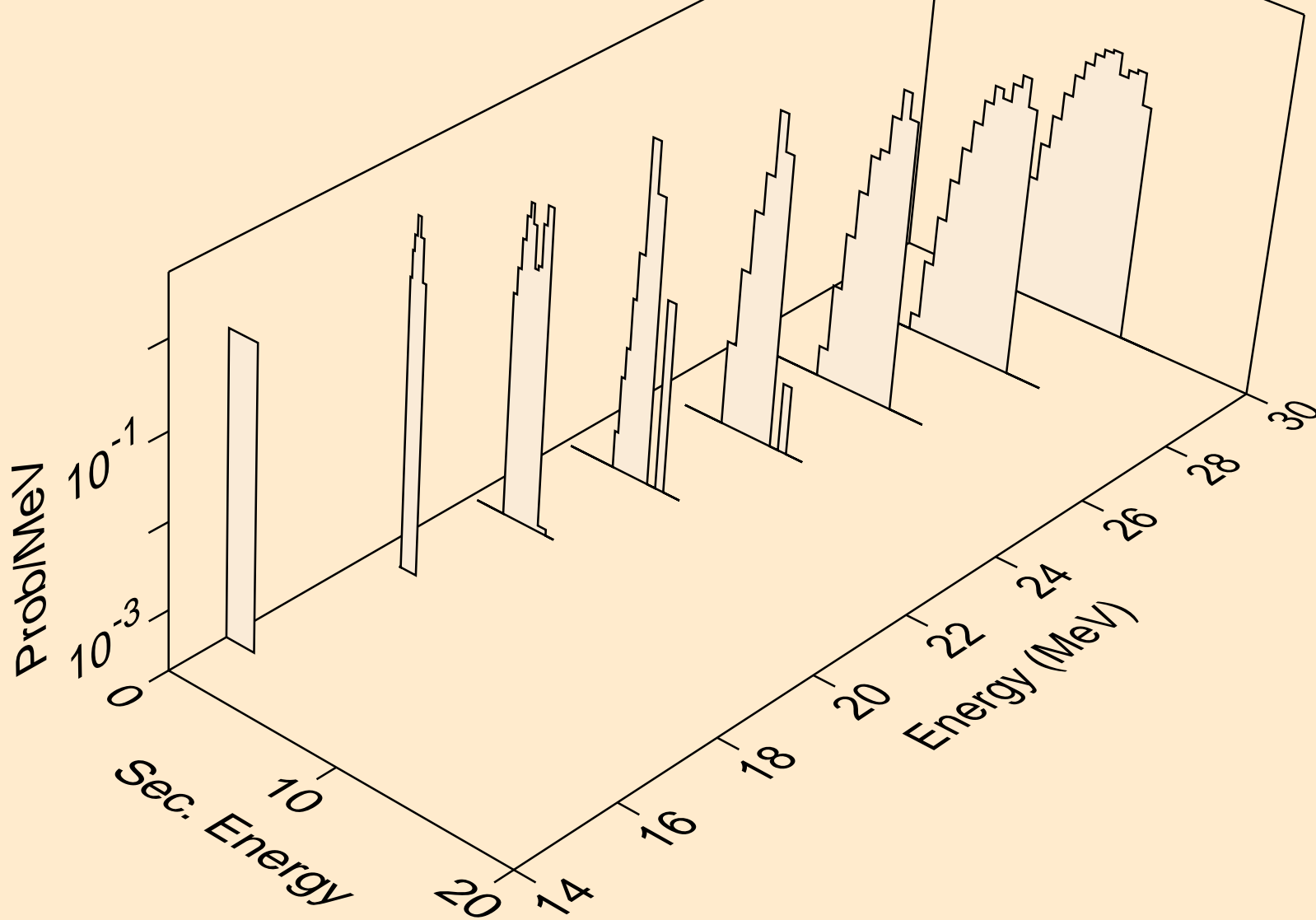
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



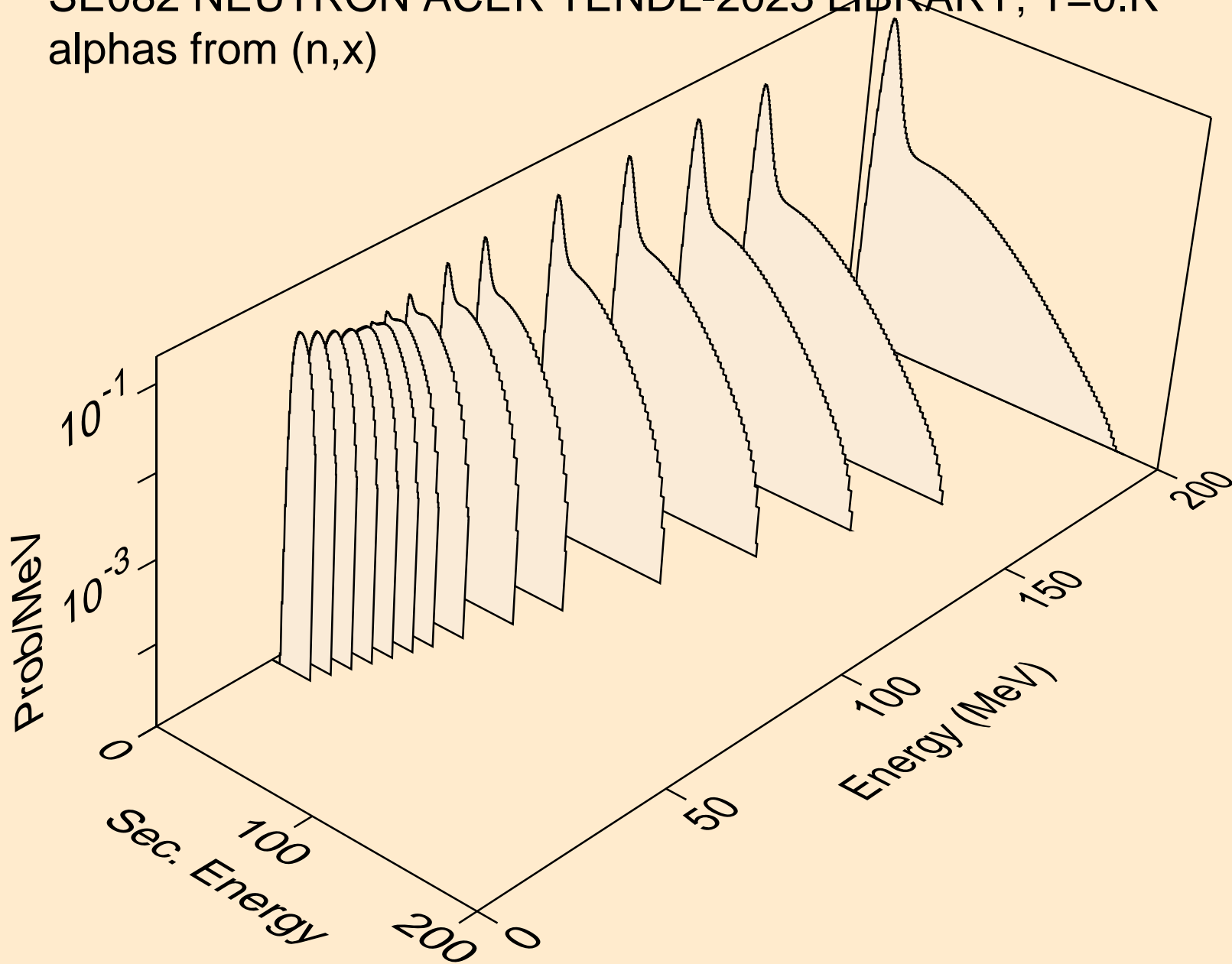
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



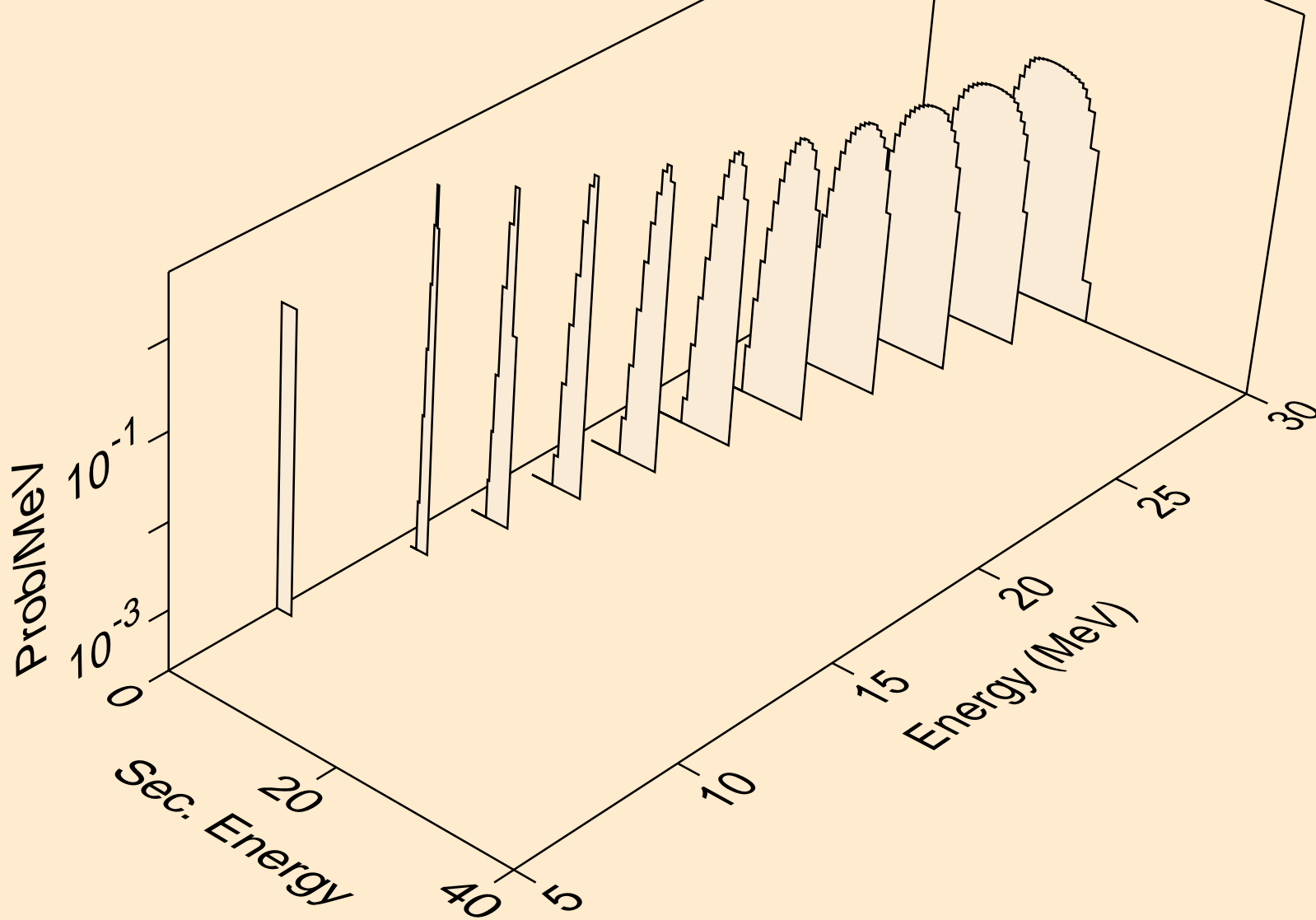
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



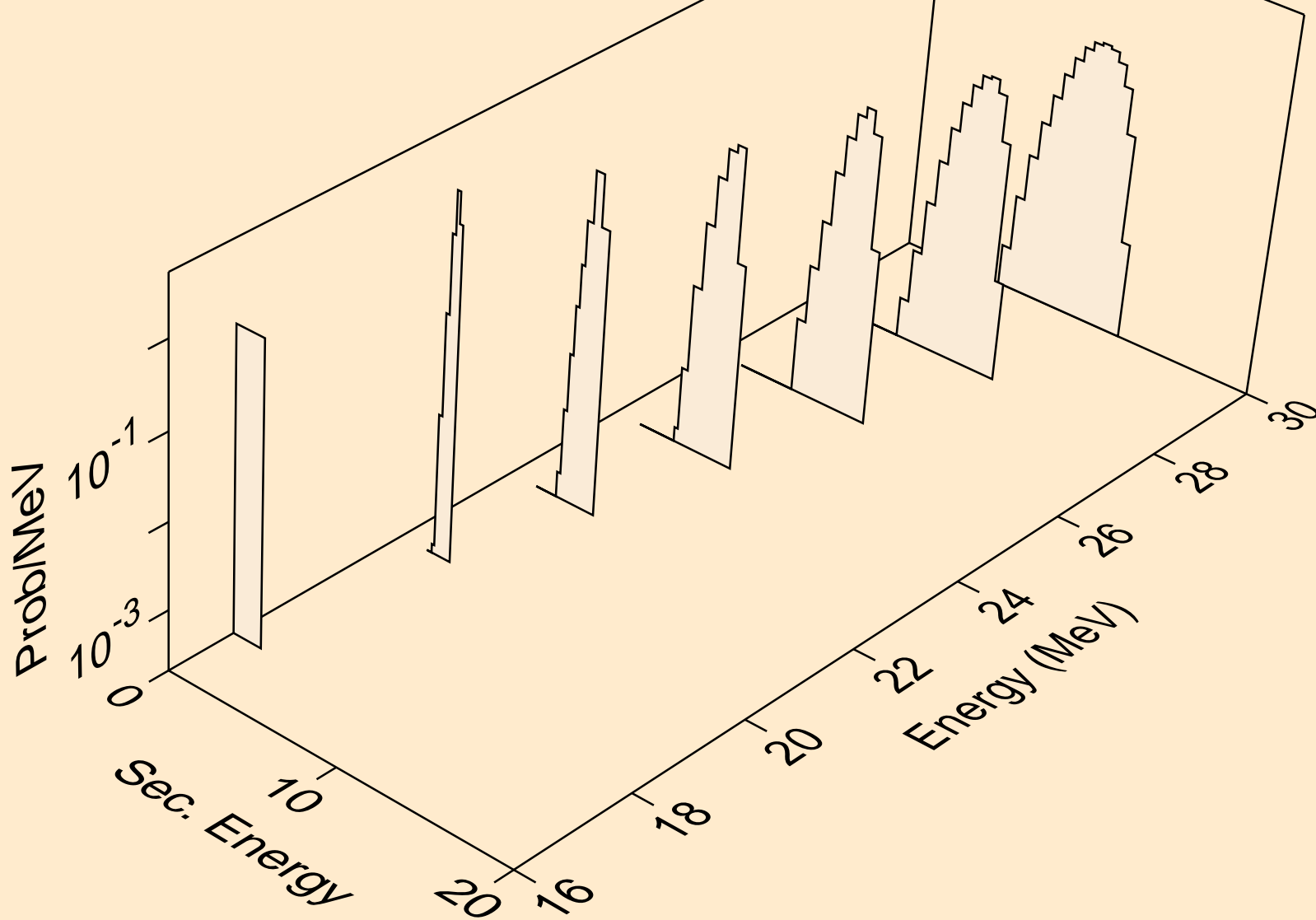
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



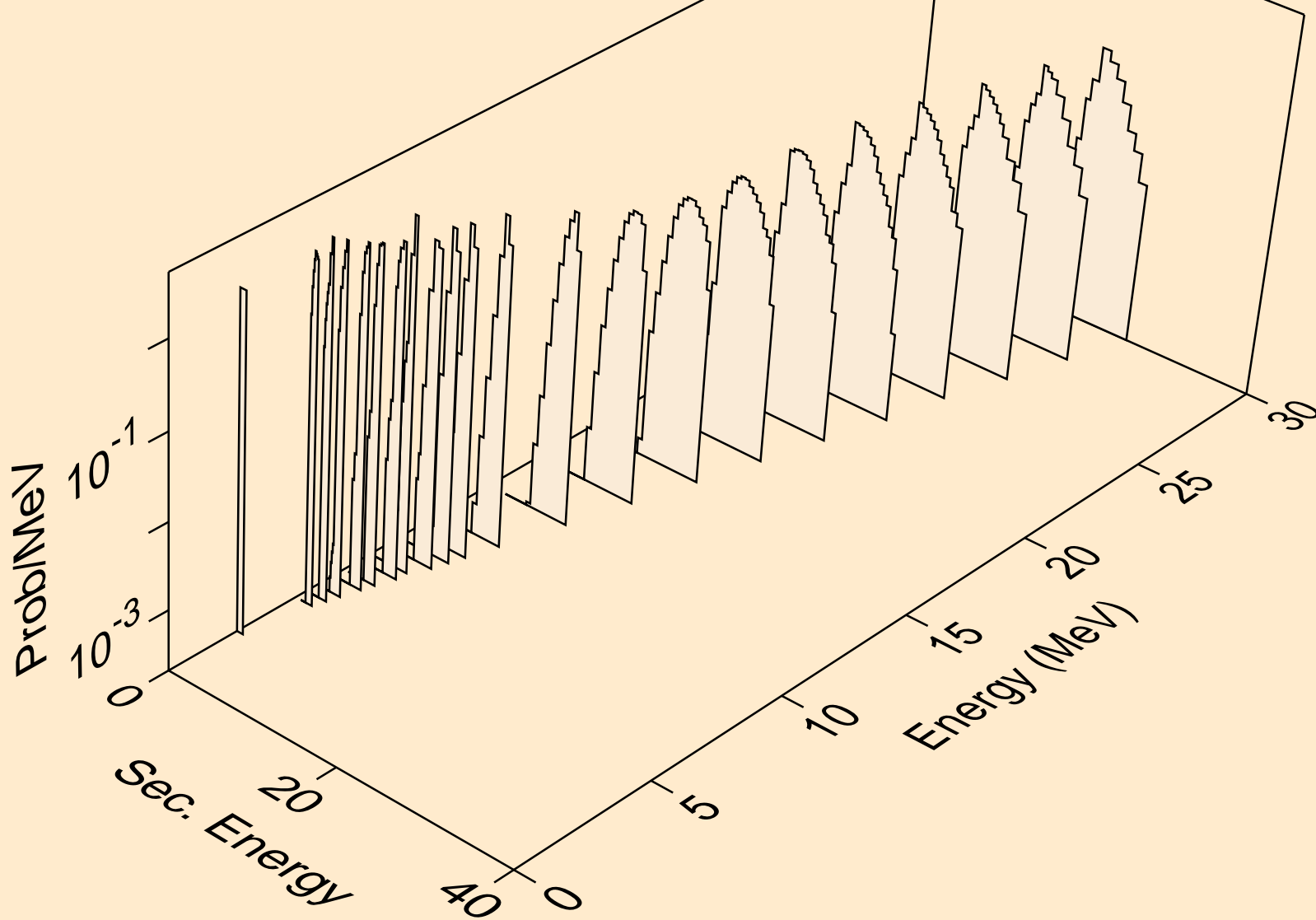
SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SE082 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

