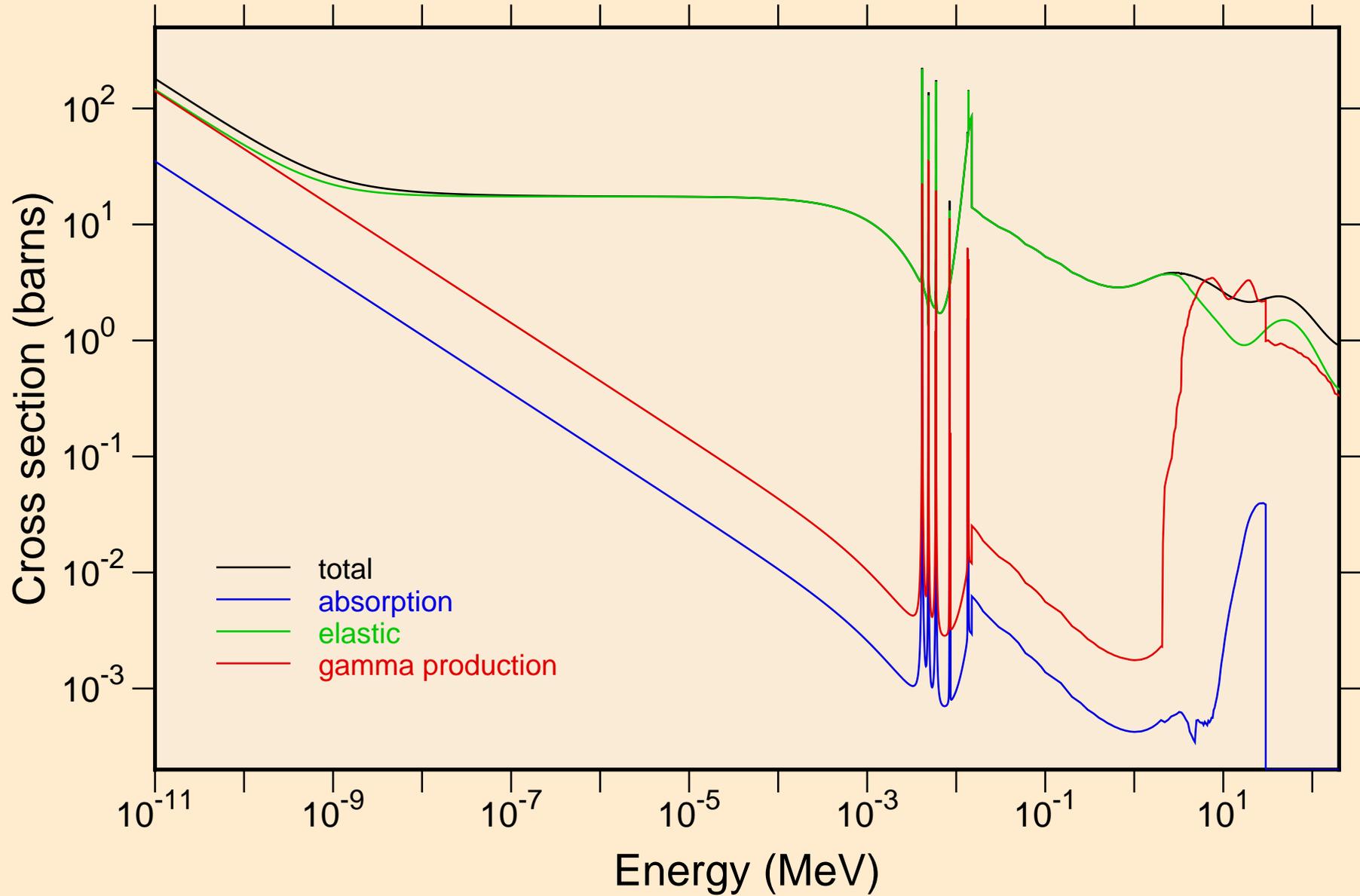
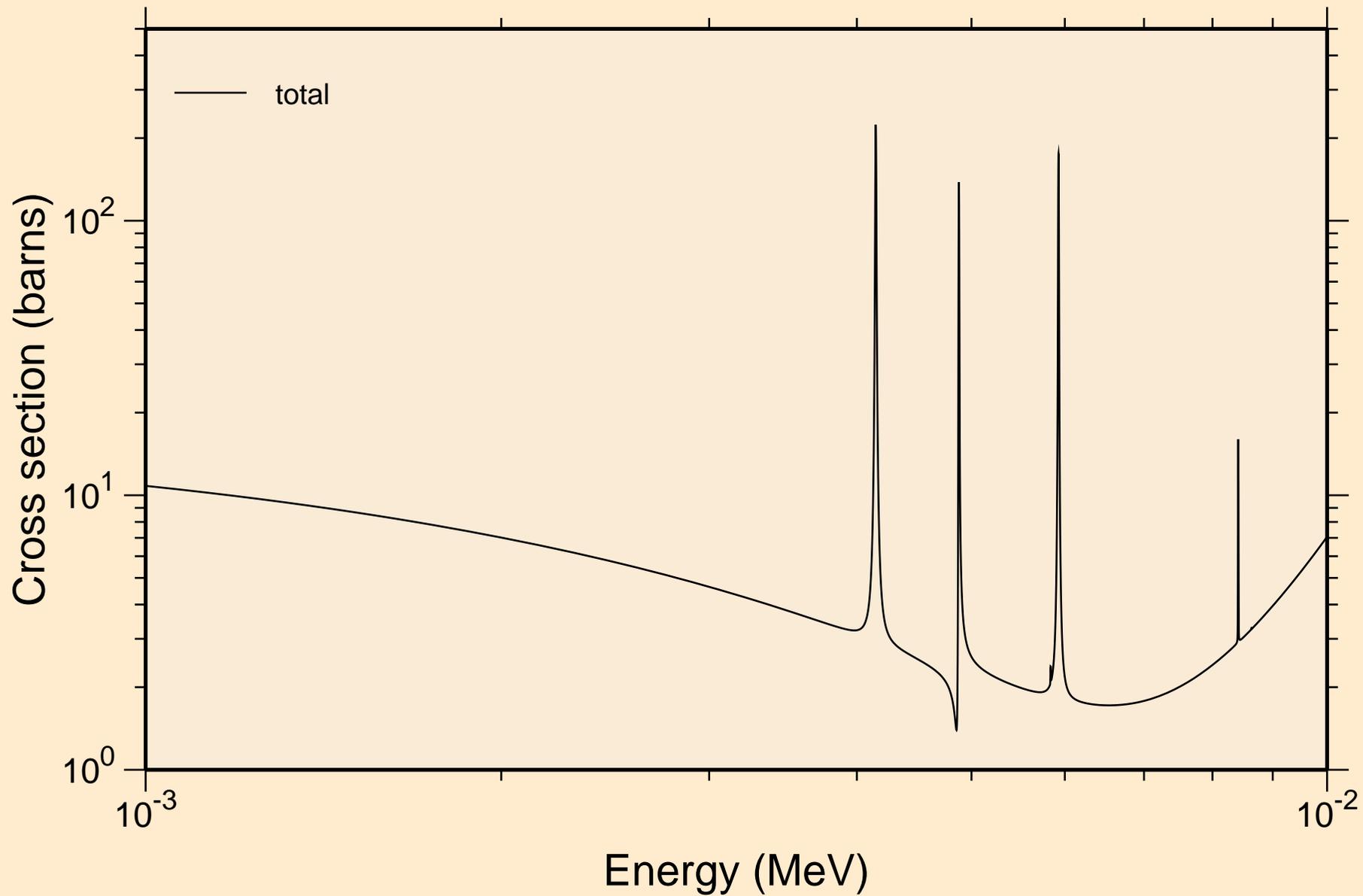


# CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

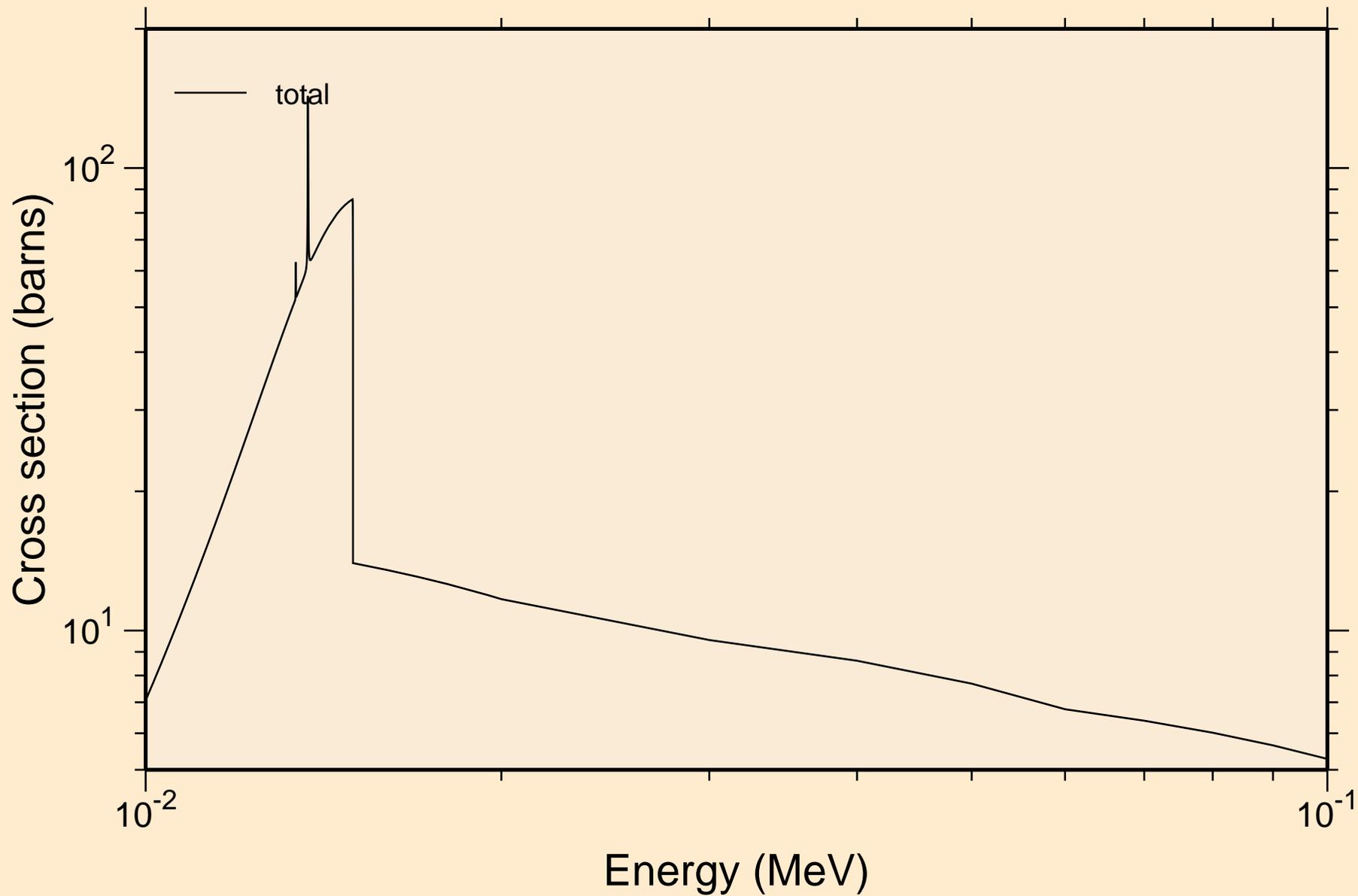
## Principal cross sections



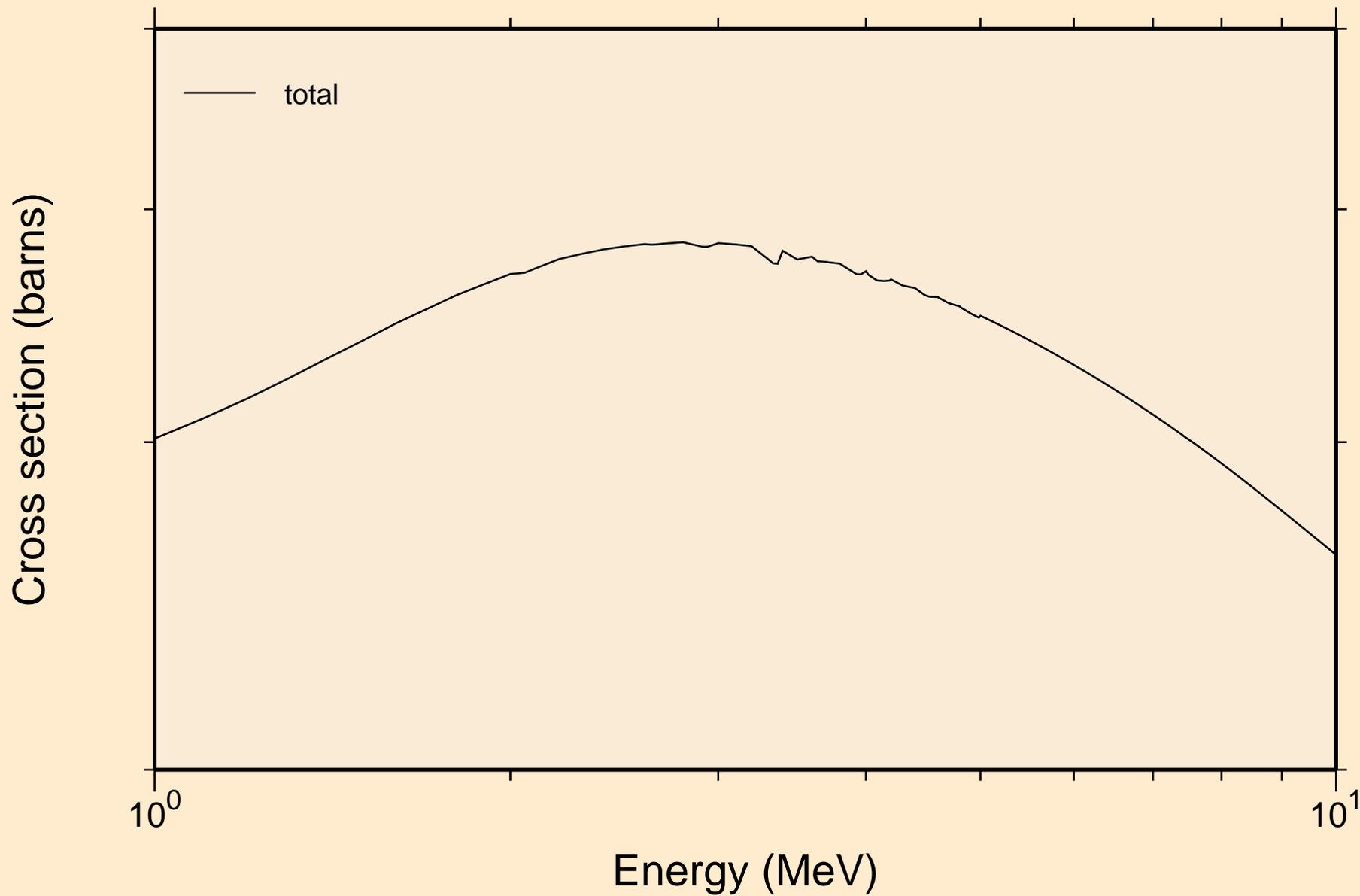
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



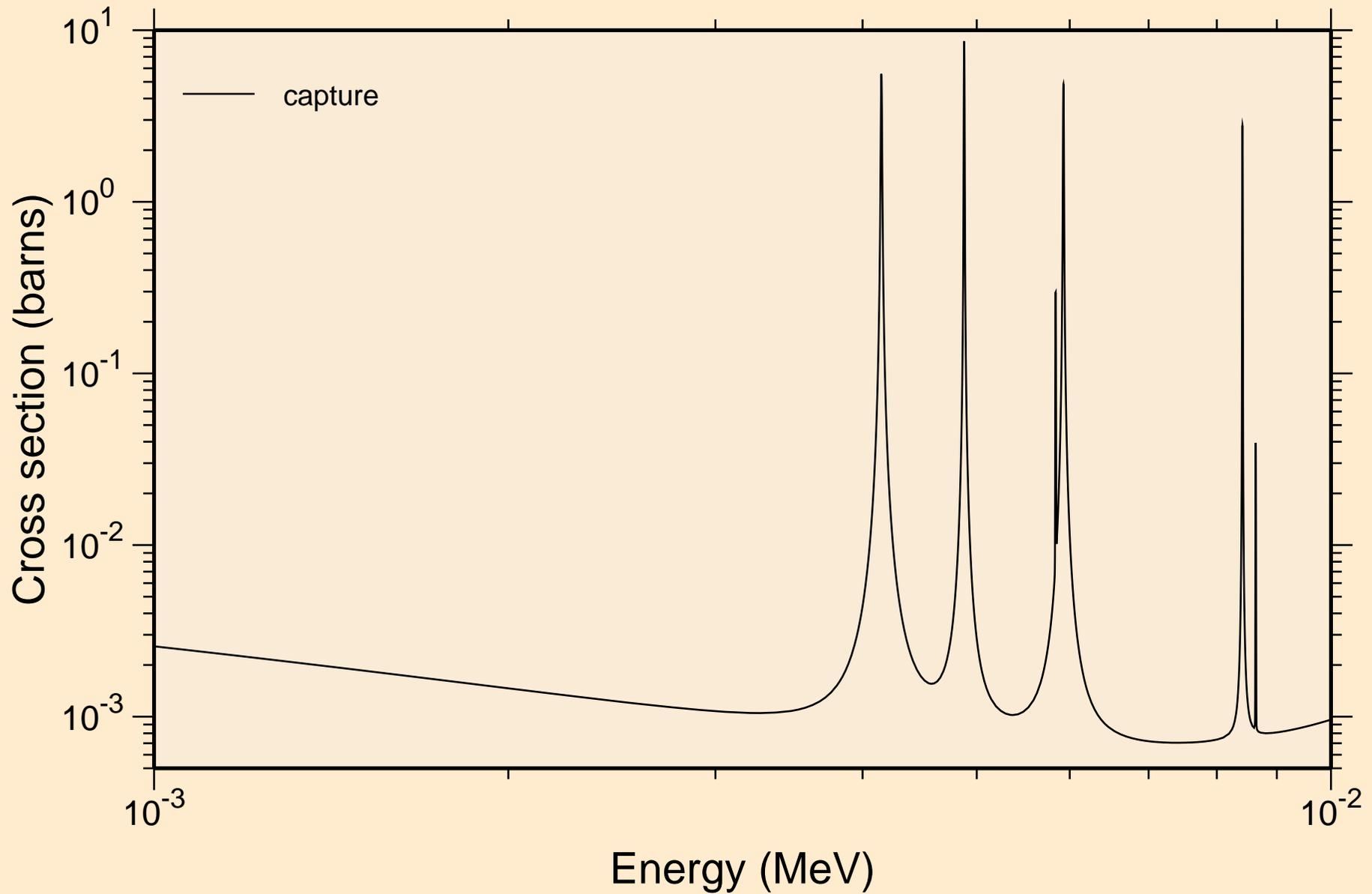
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



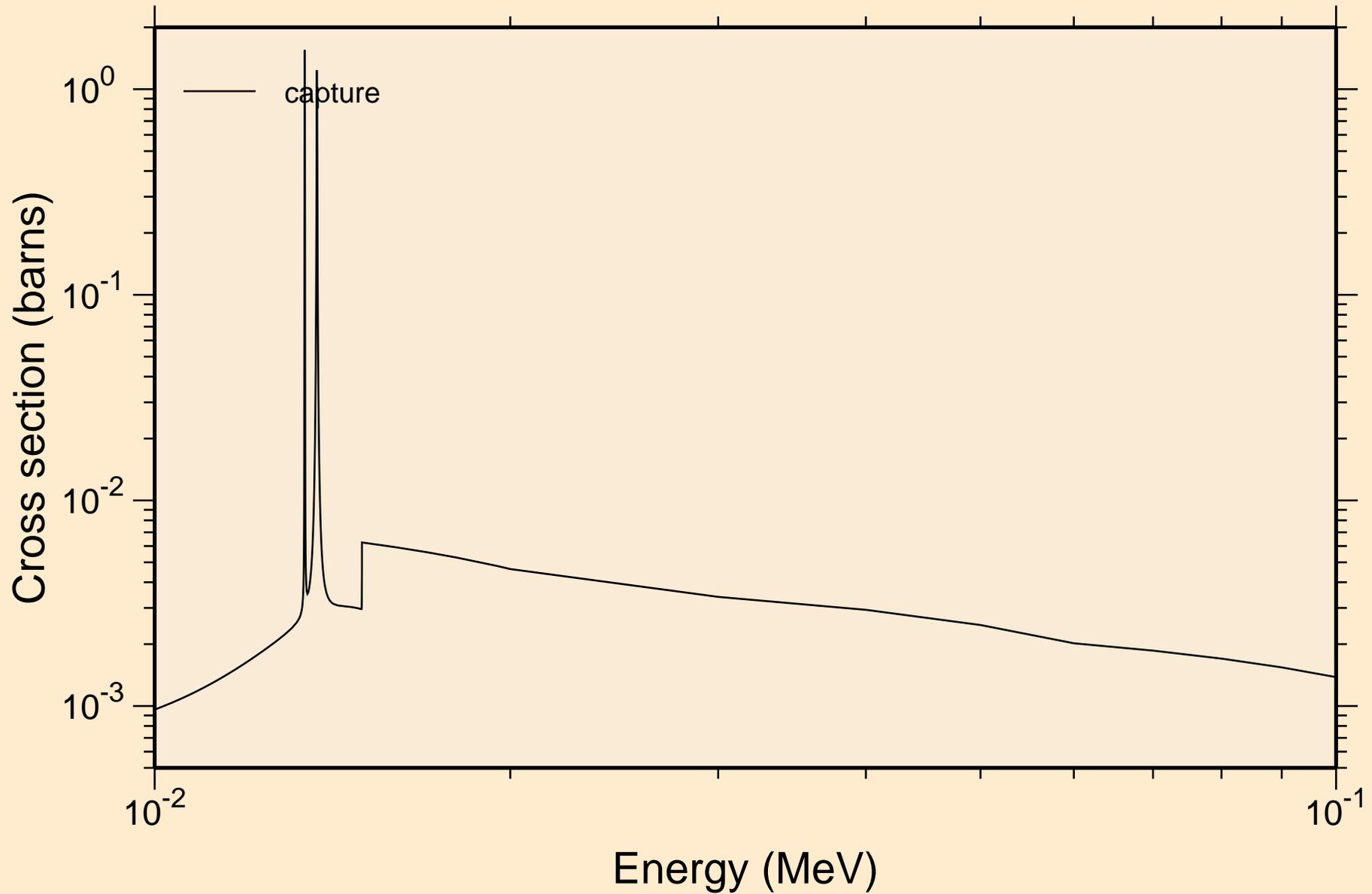
C̄A047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



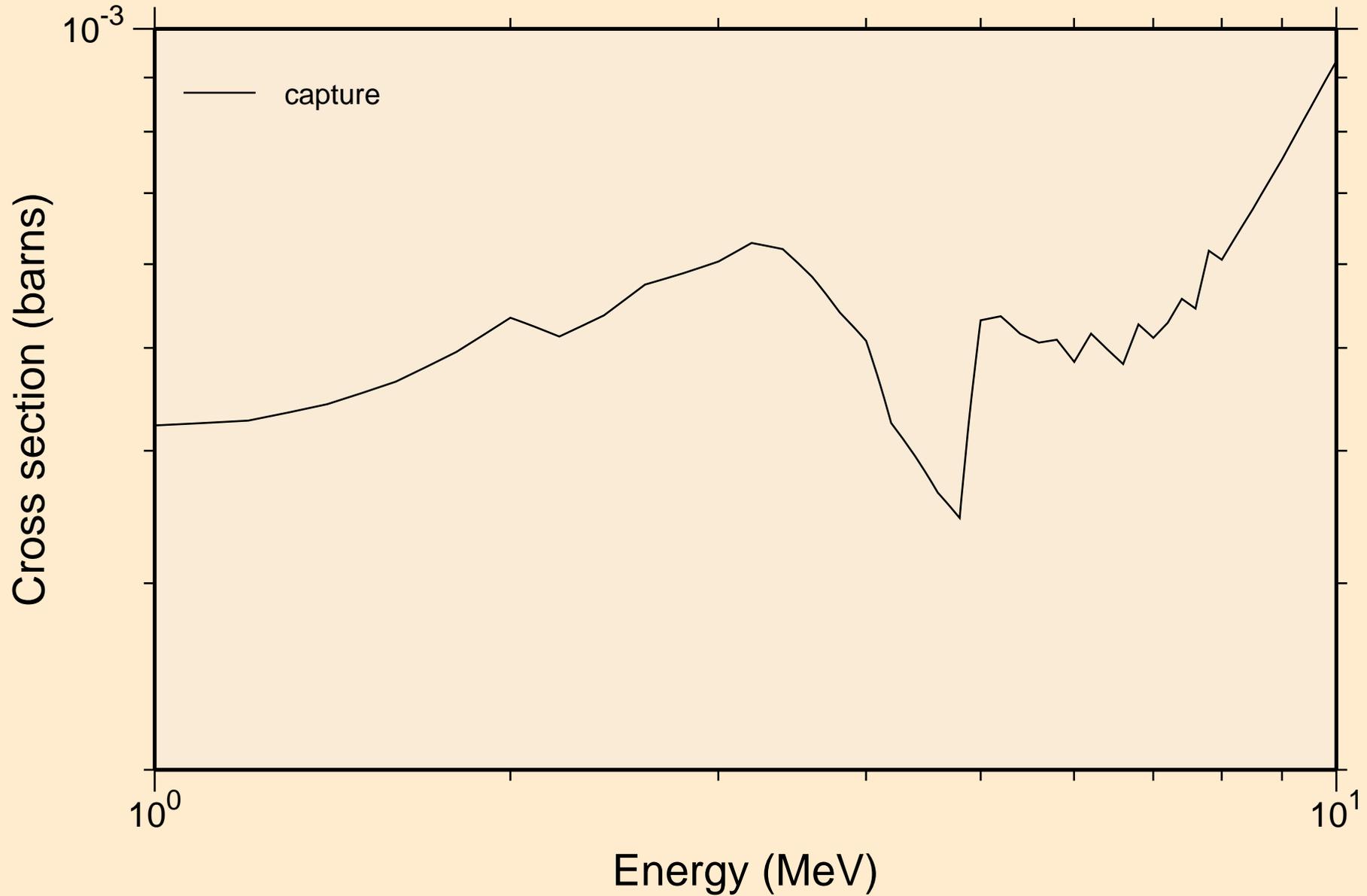
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



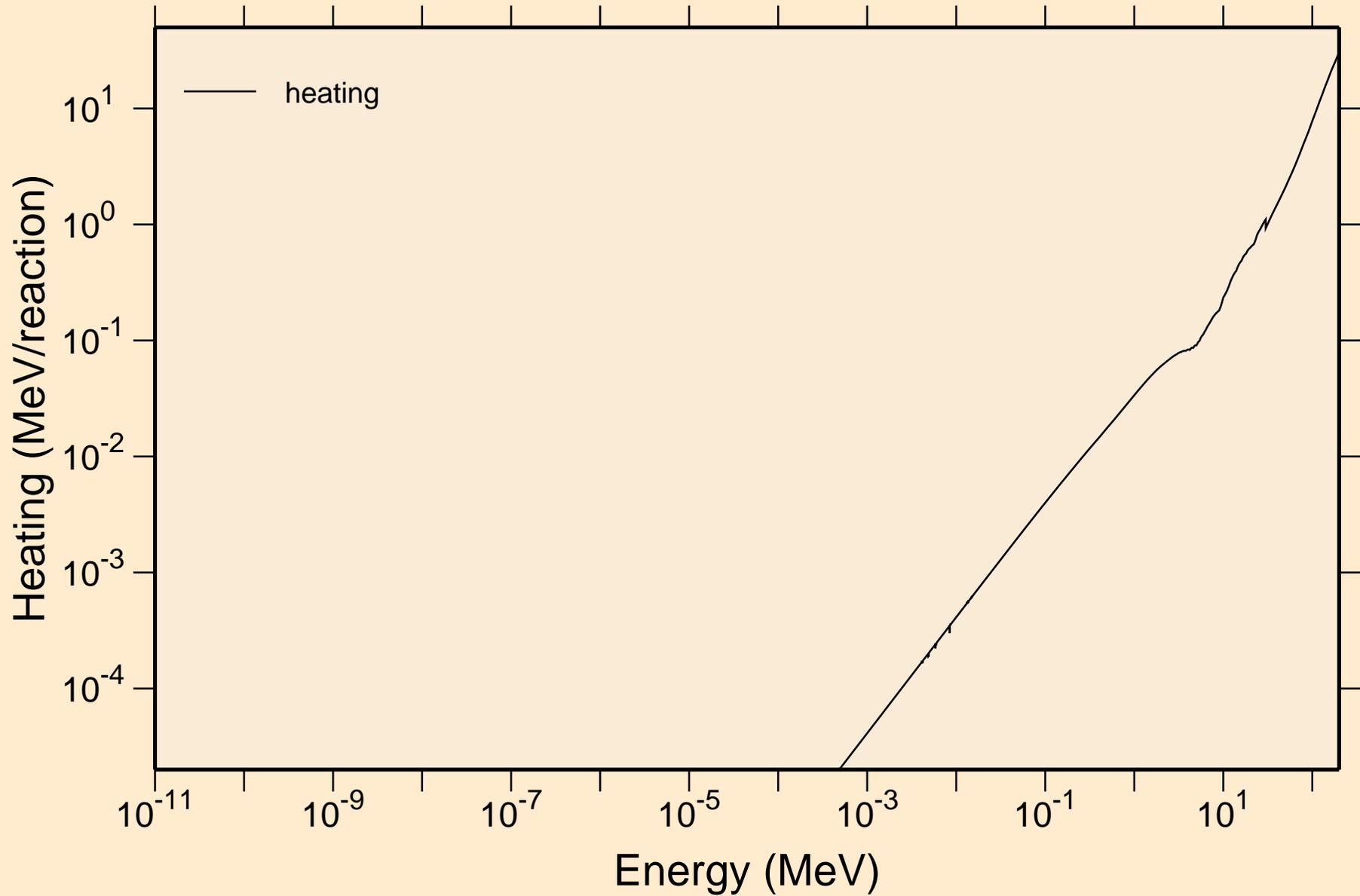
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



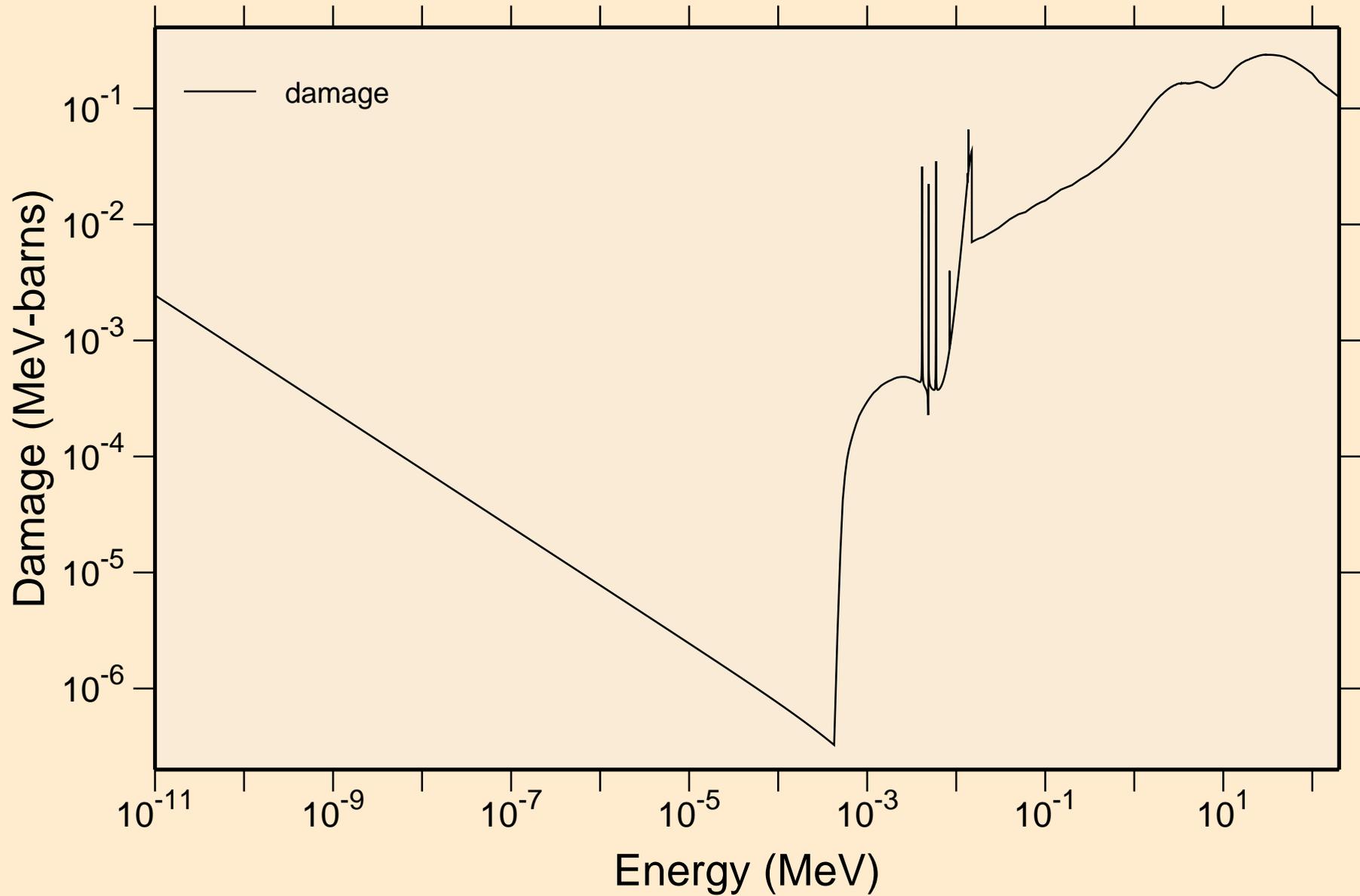
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



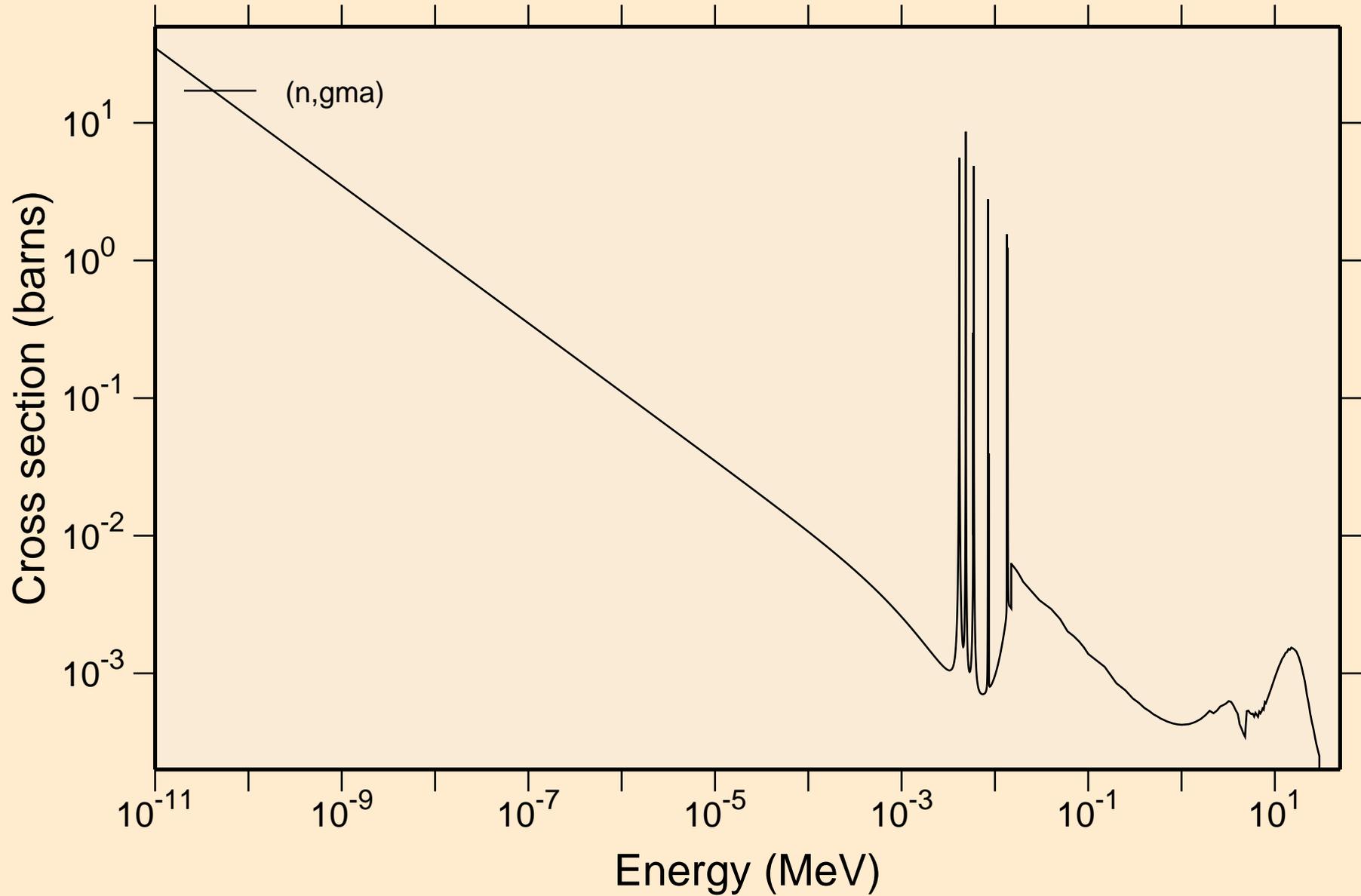
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

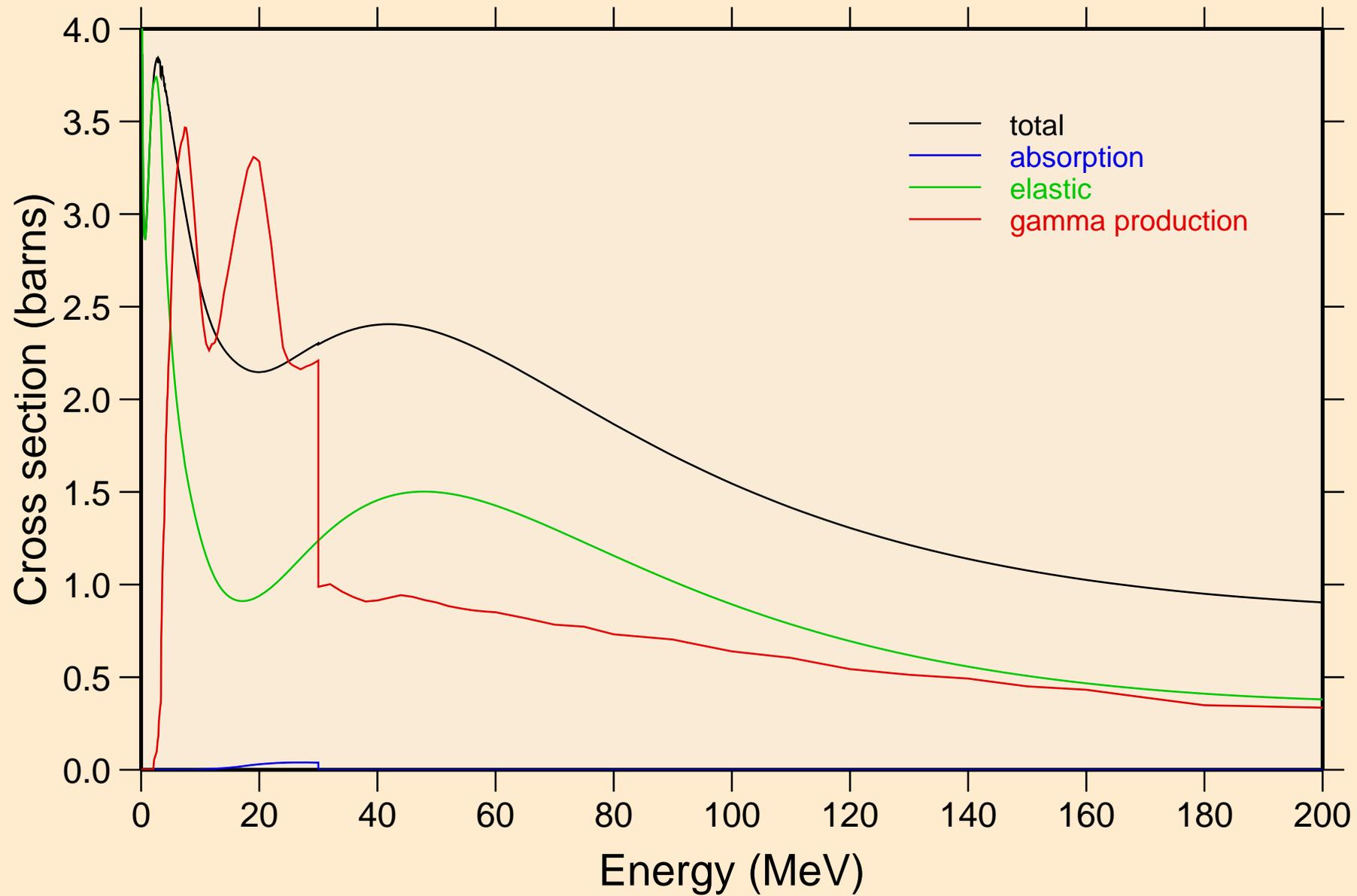


CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

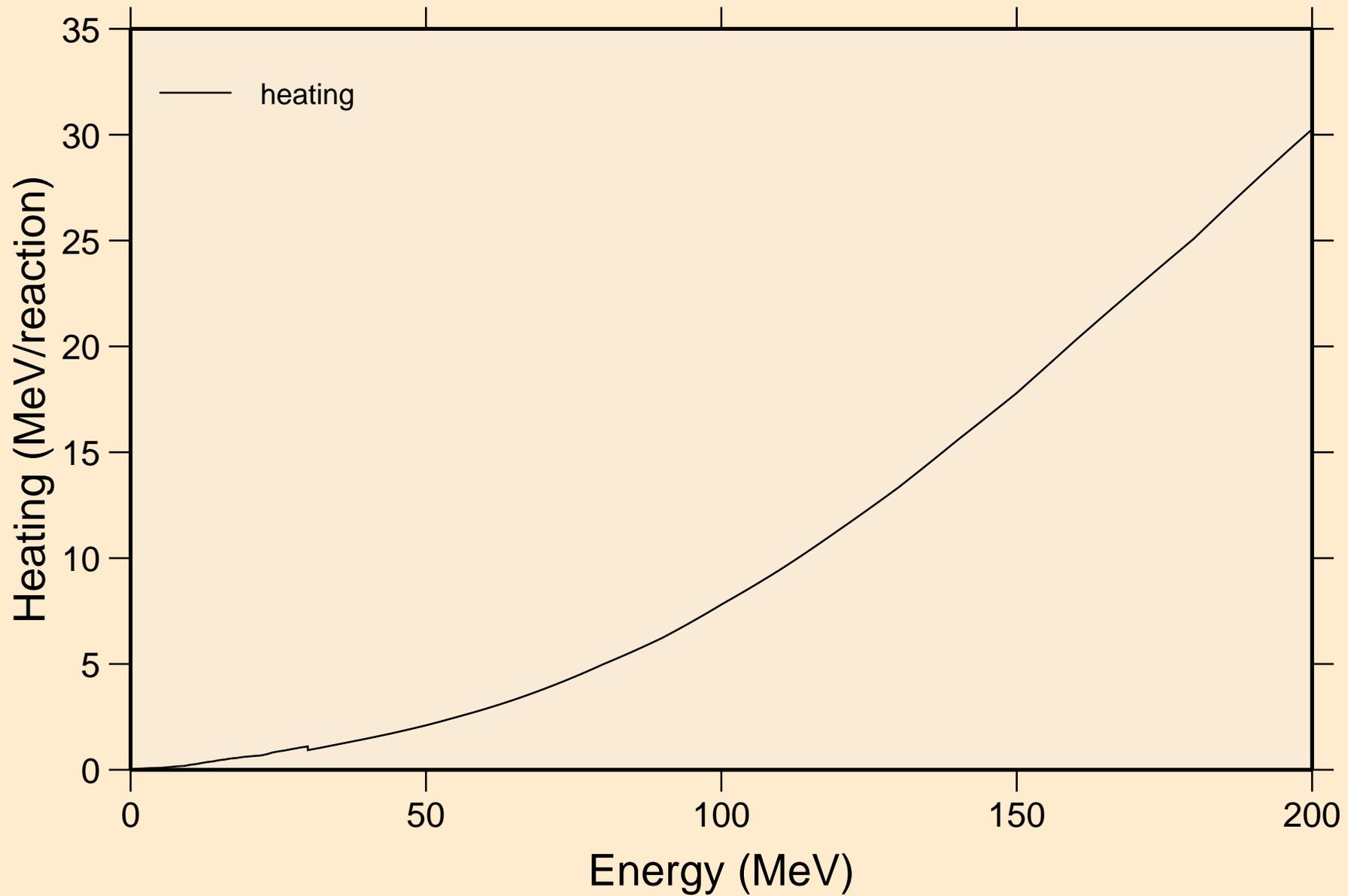


# CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

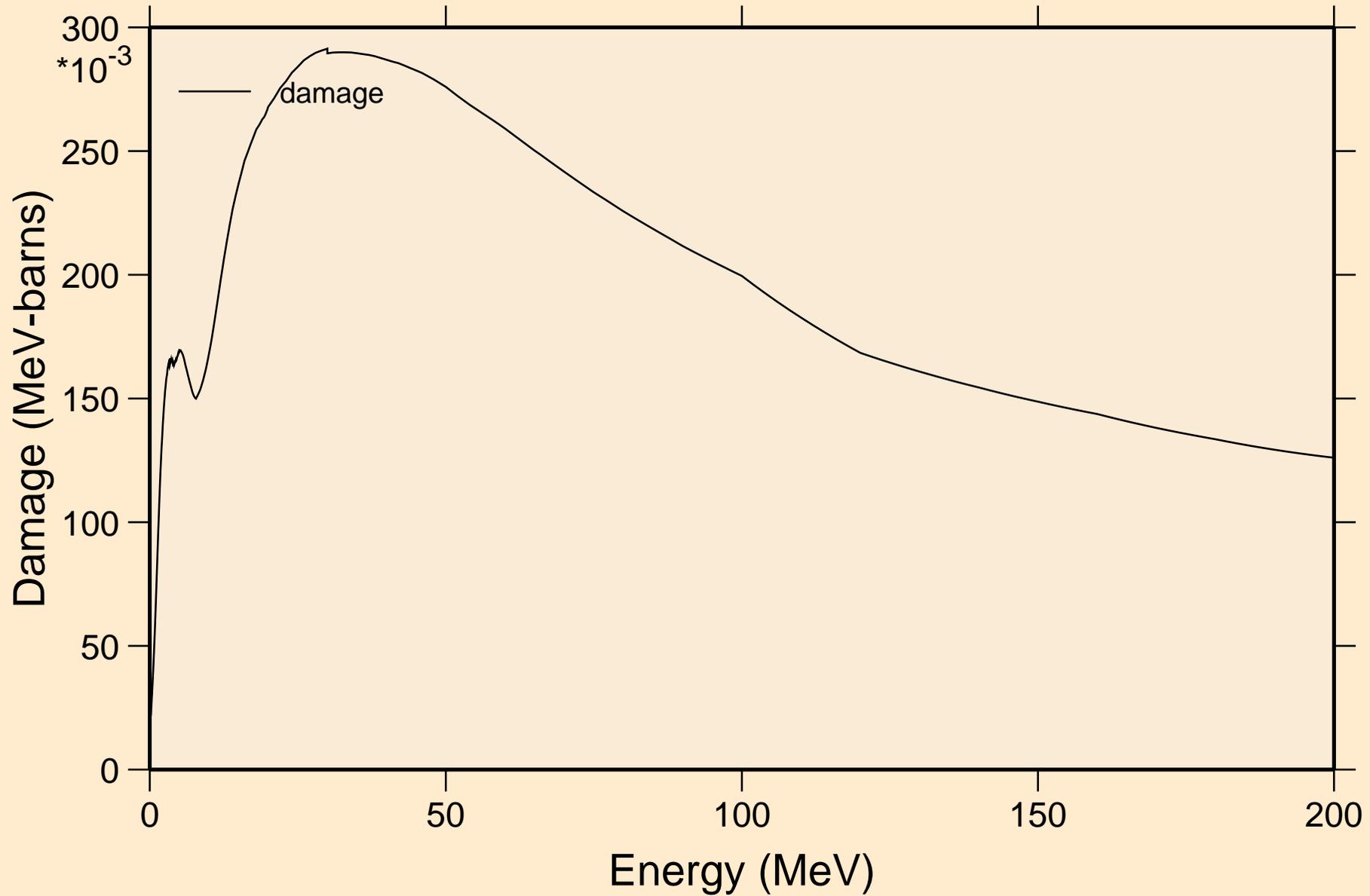
## Principal cross sections



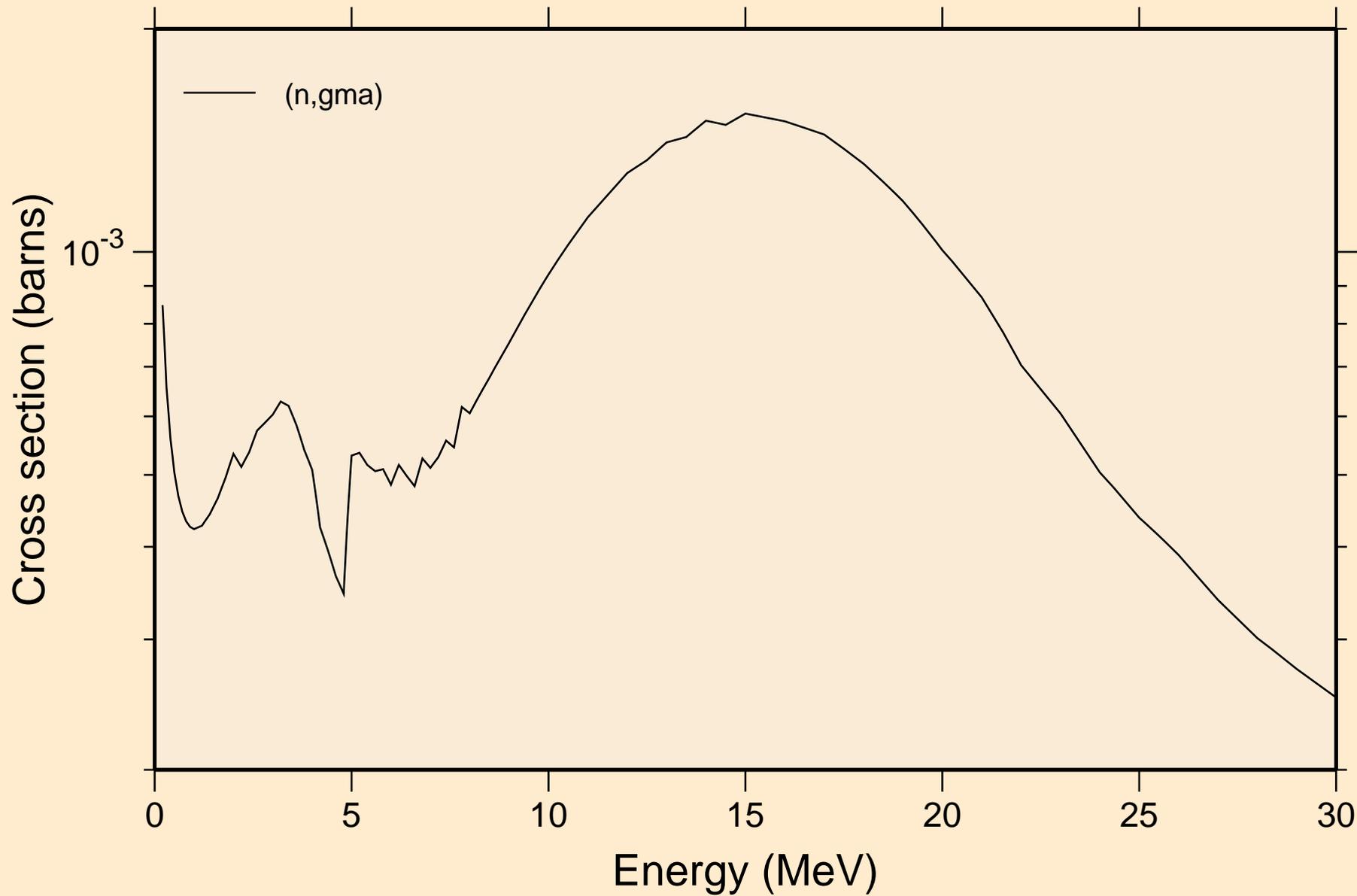
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



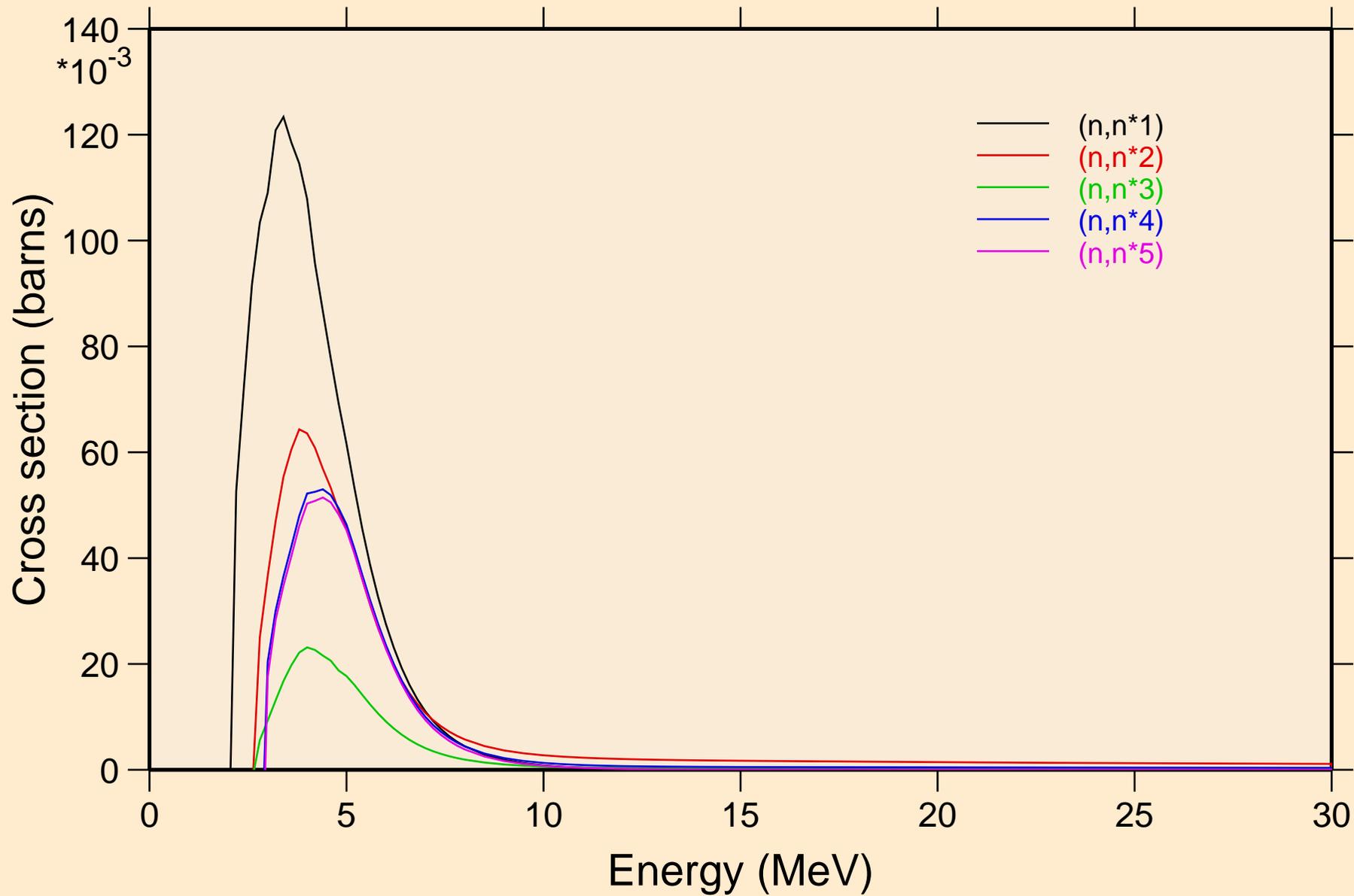
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



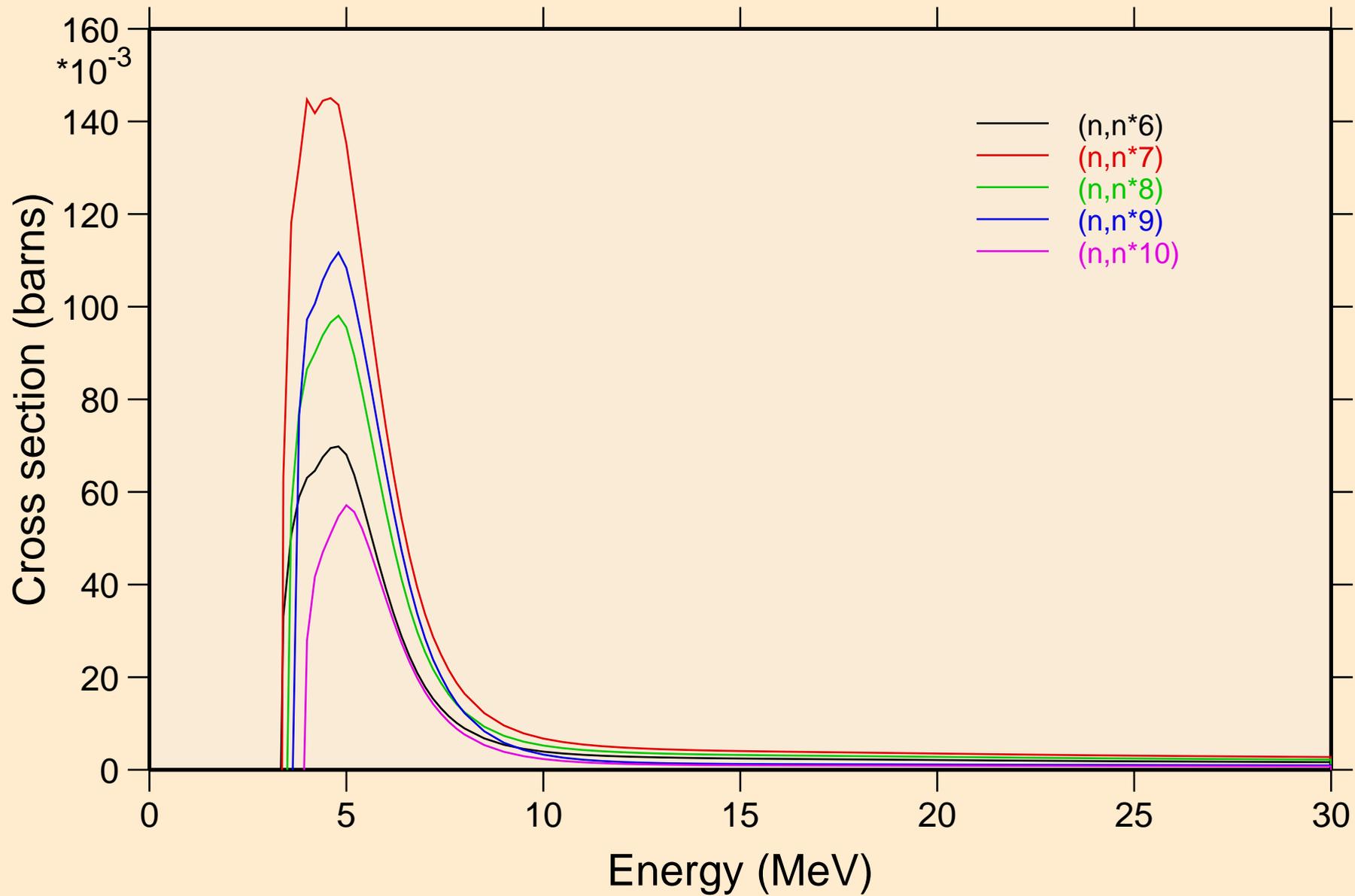
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



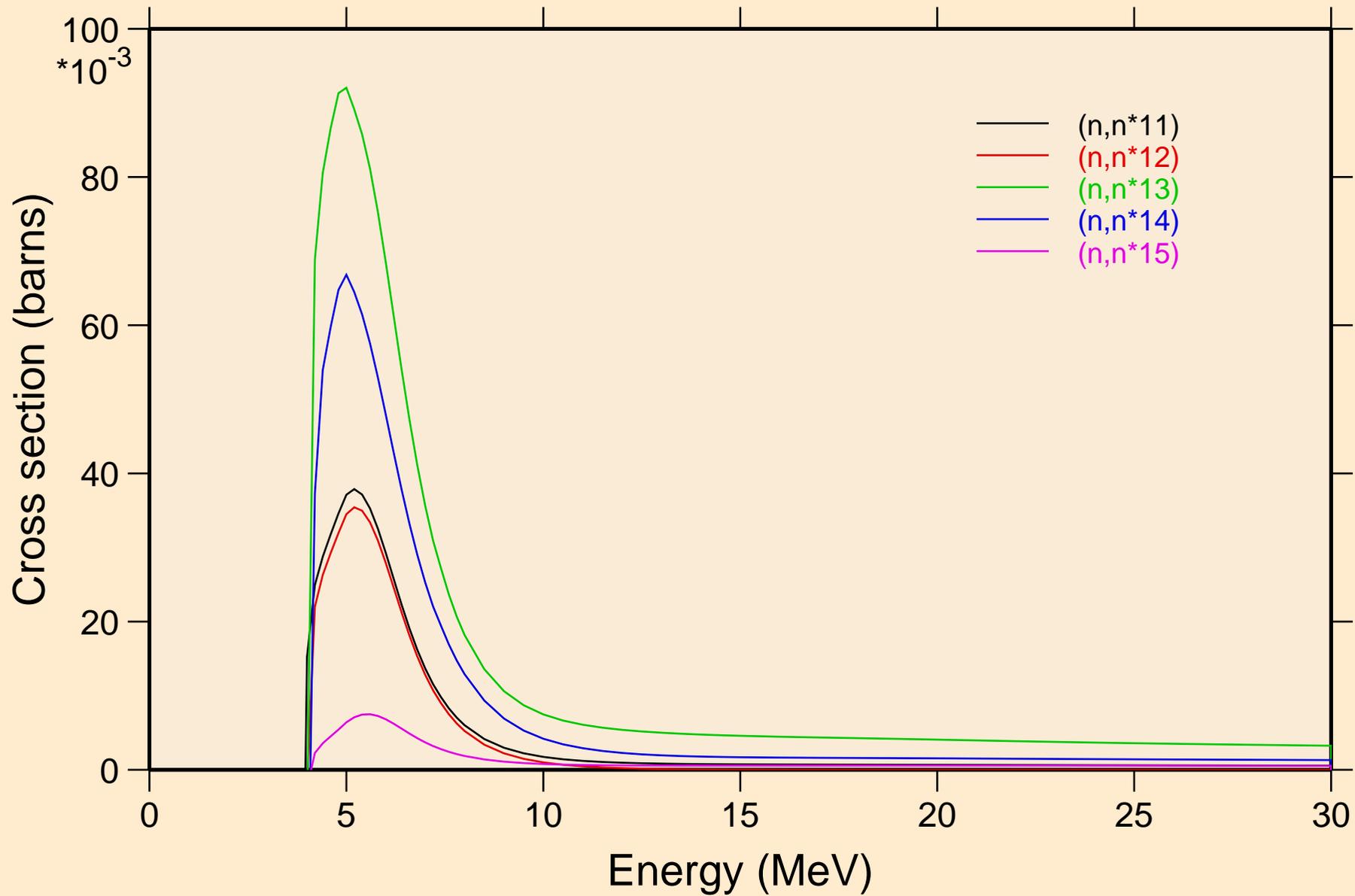
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



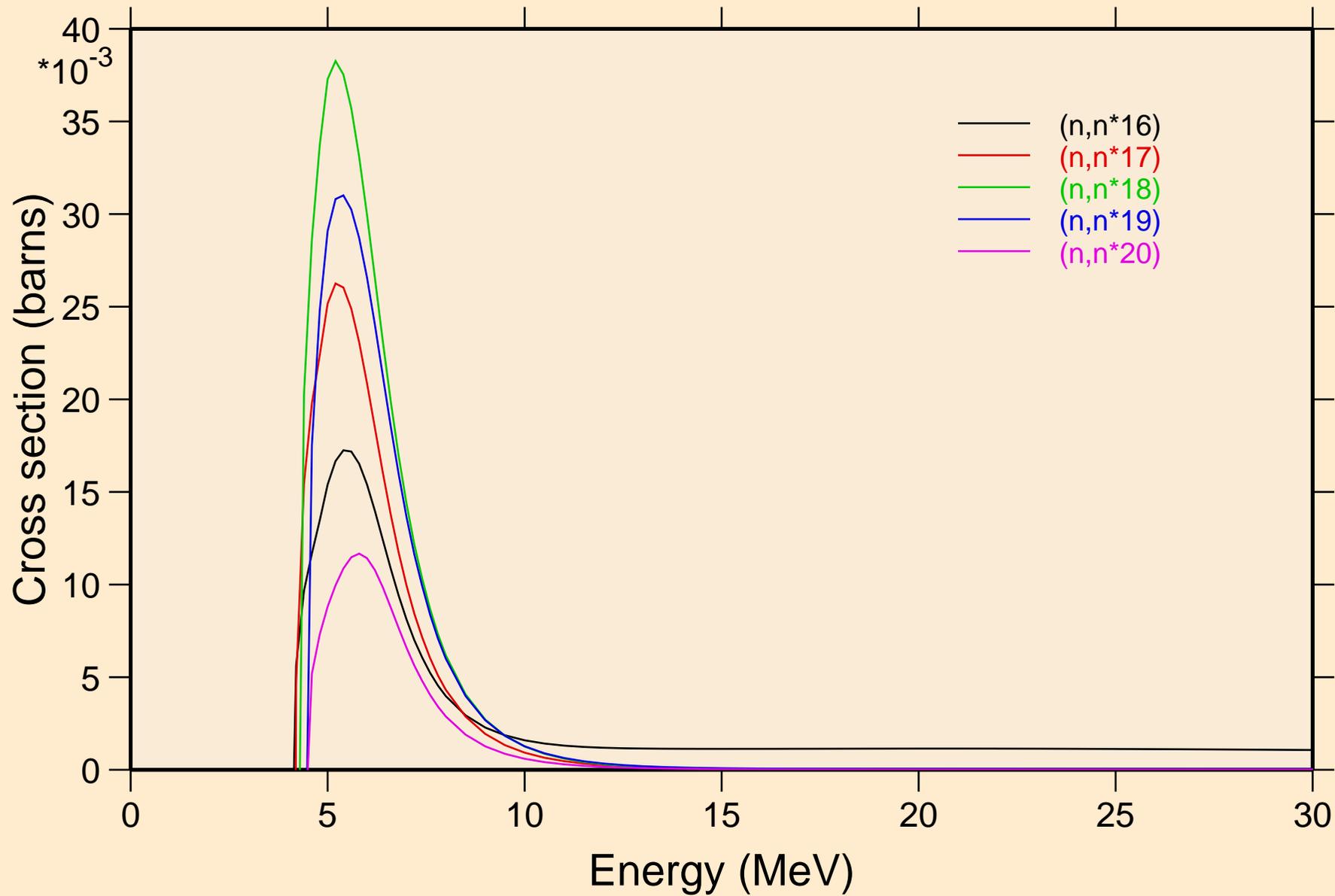
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



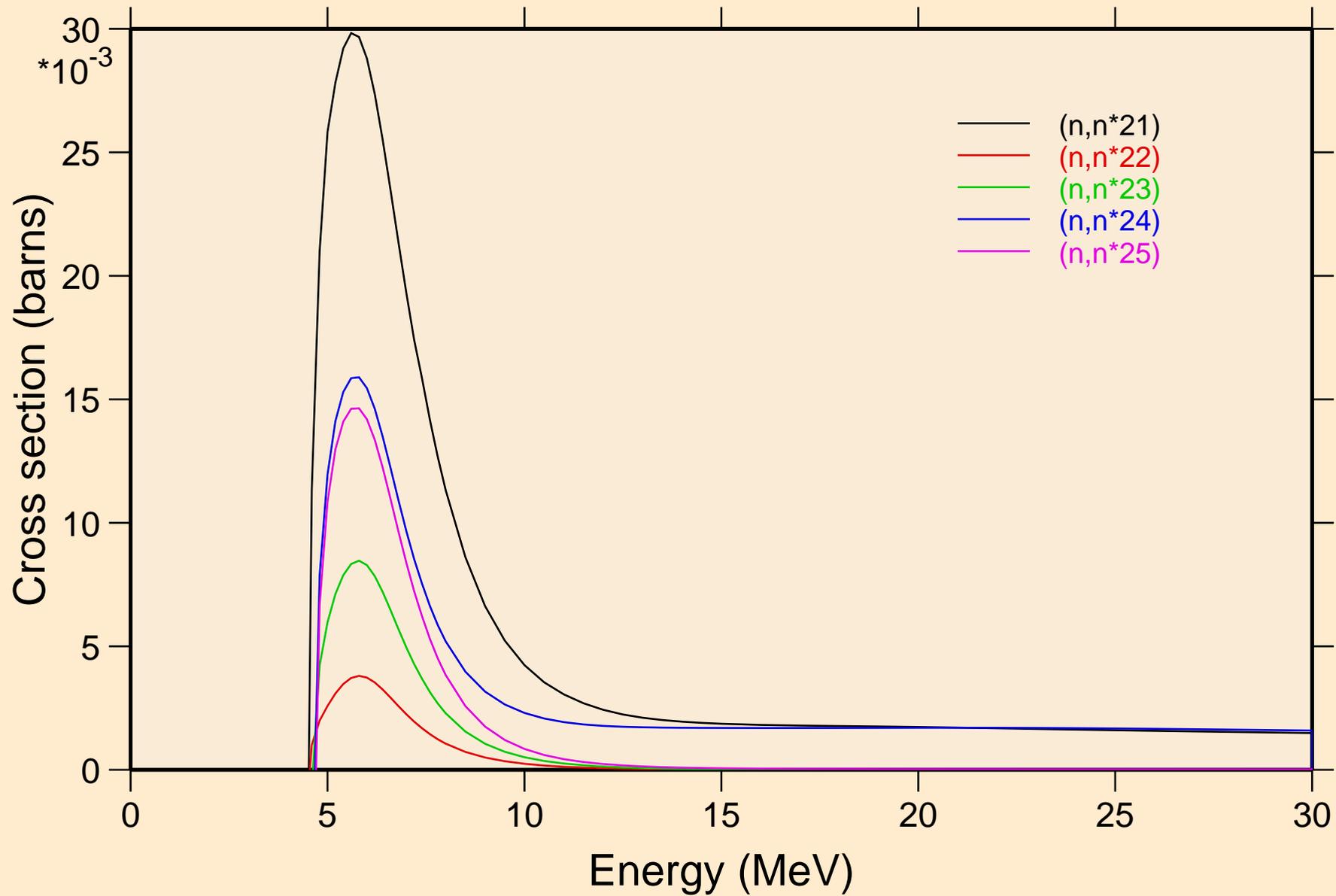
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



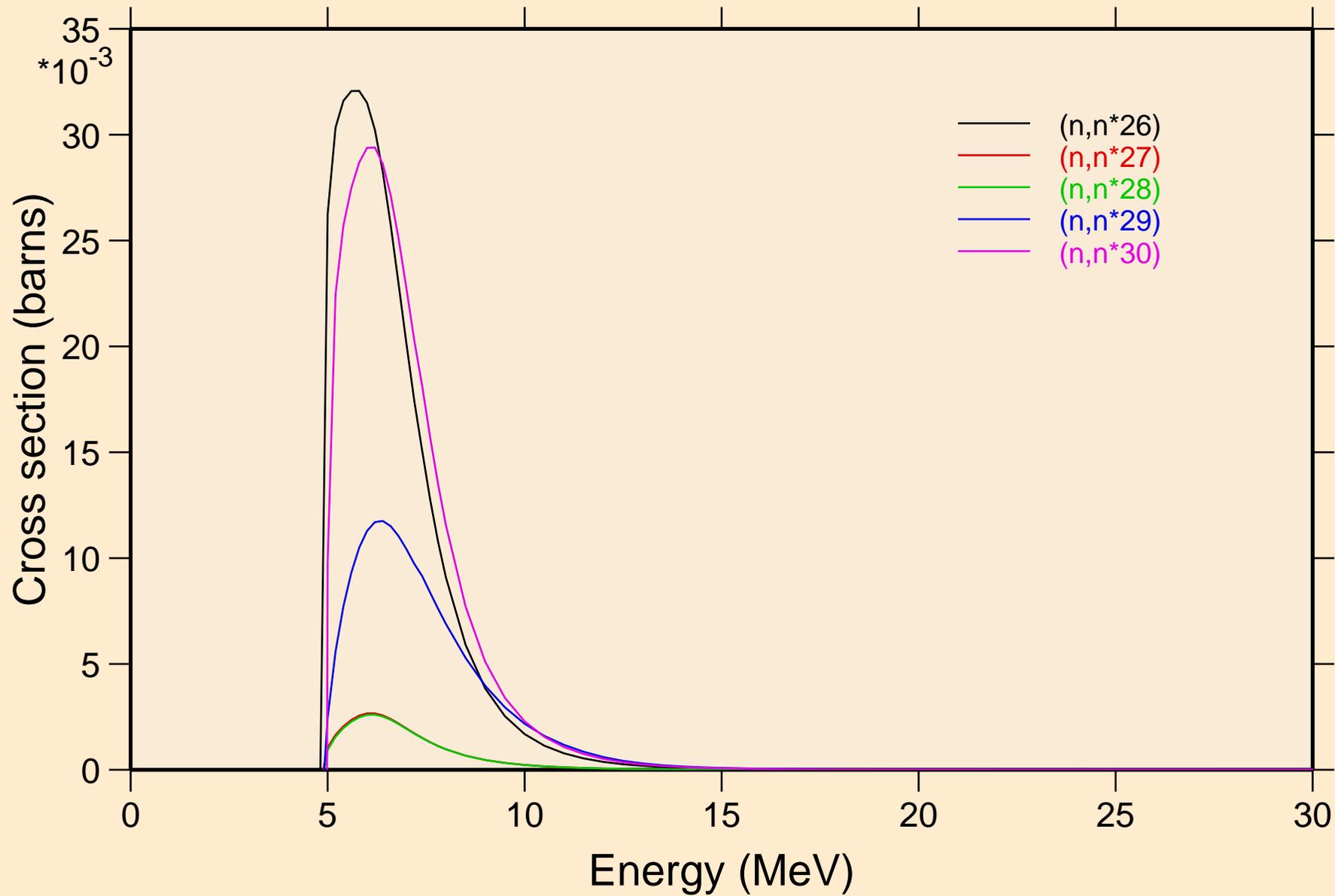
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



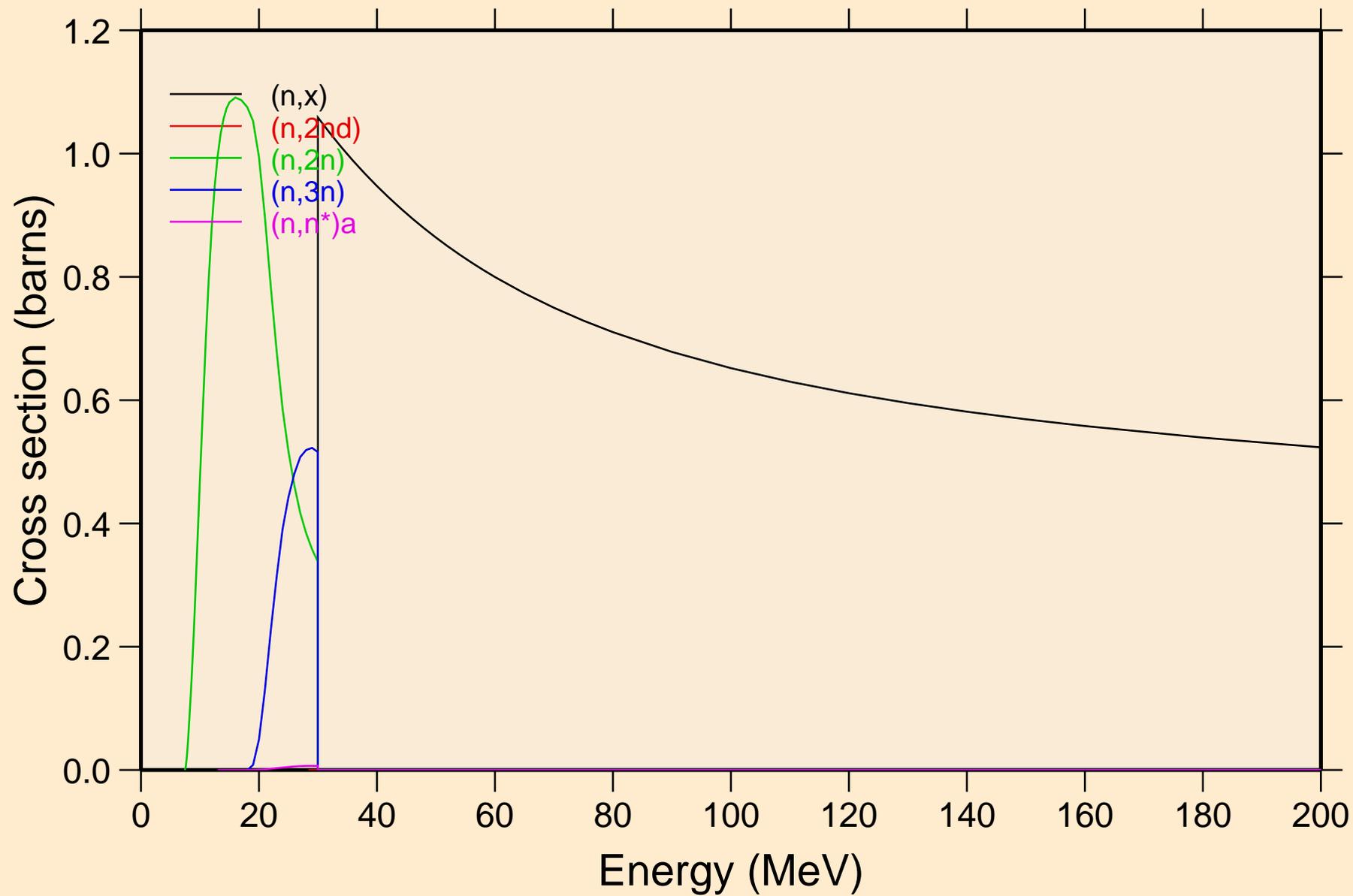
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



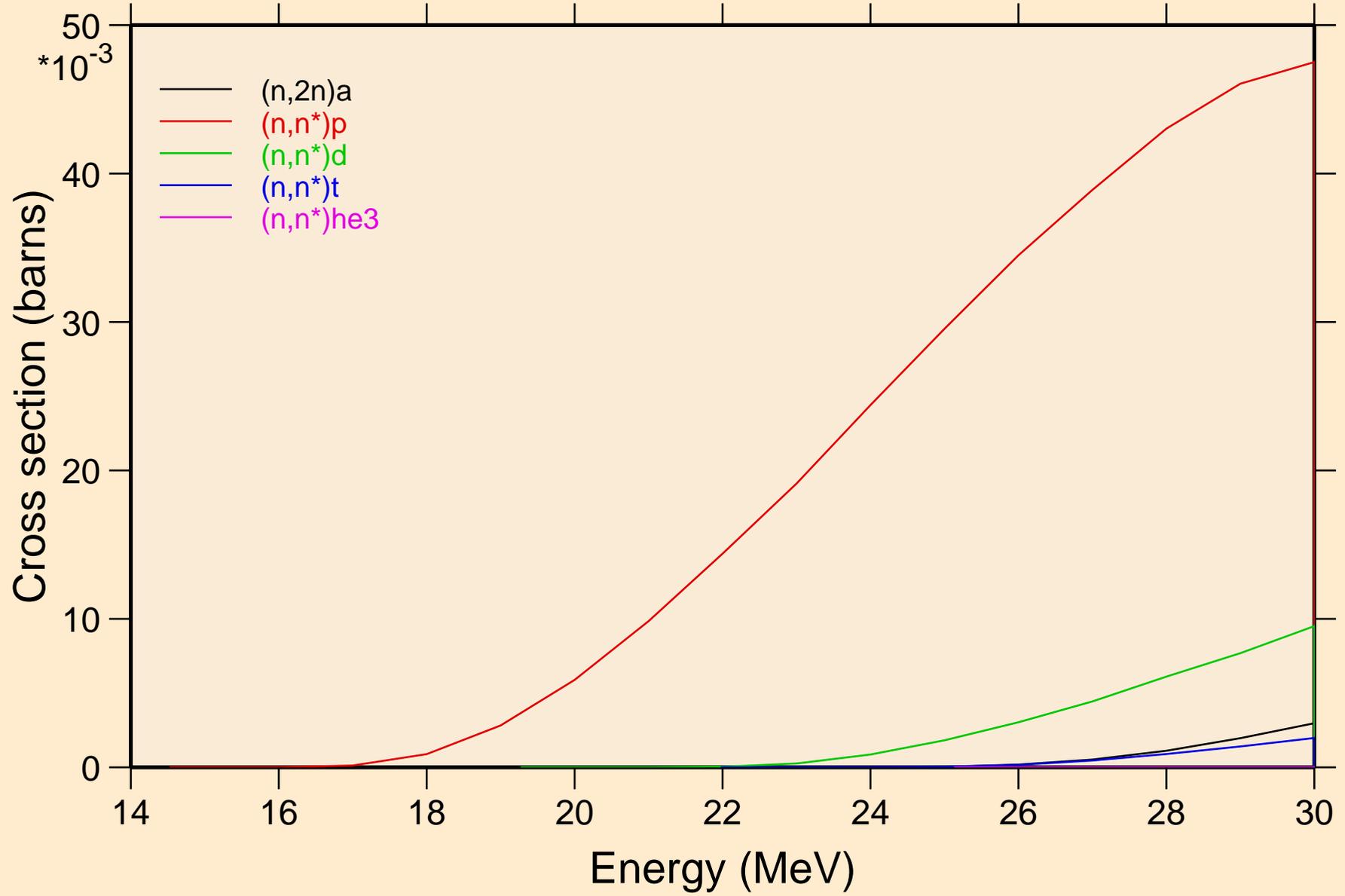
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



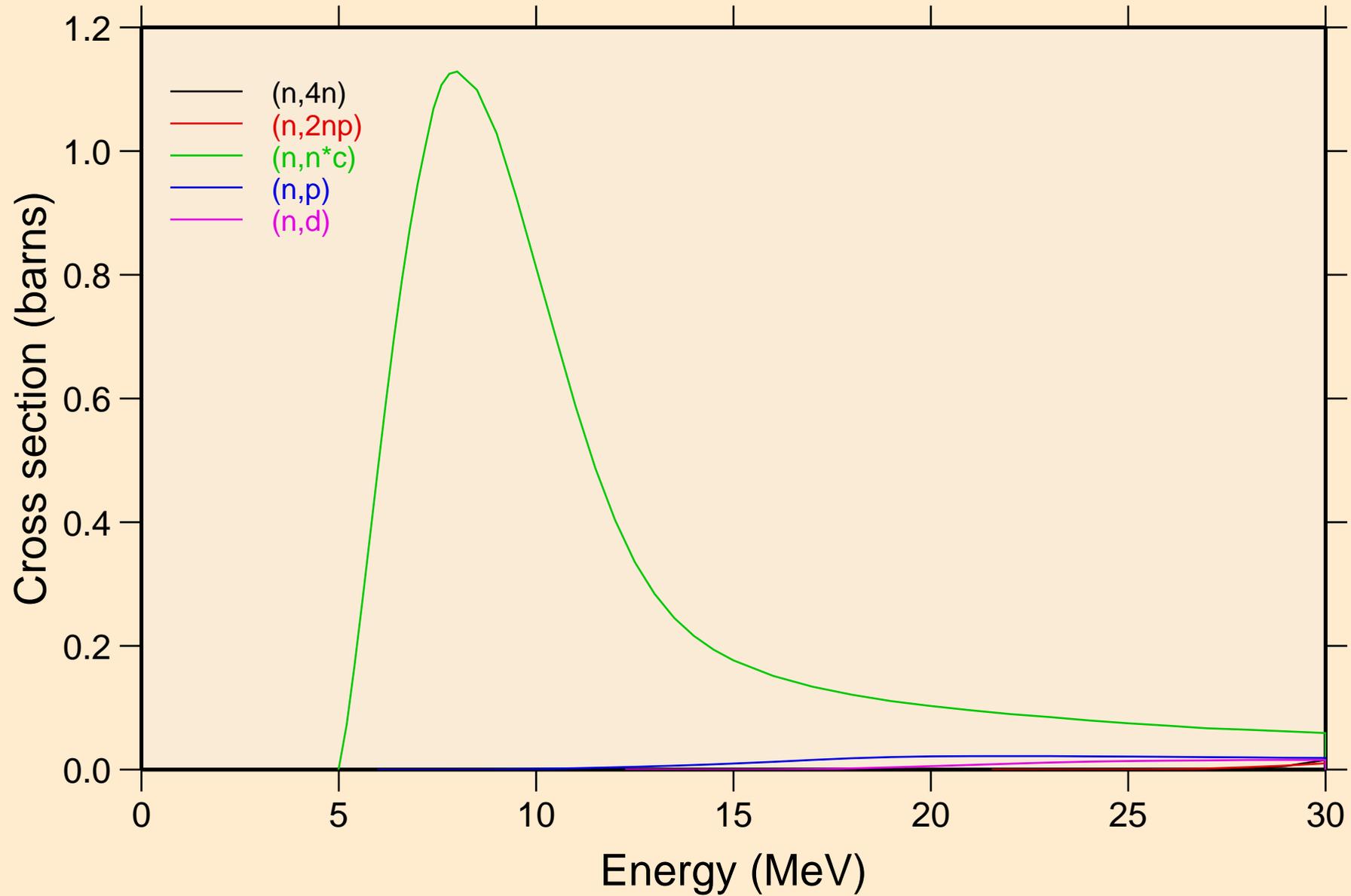
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



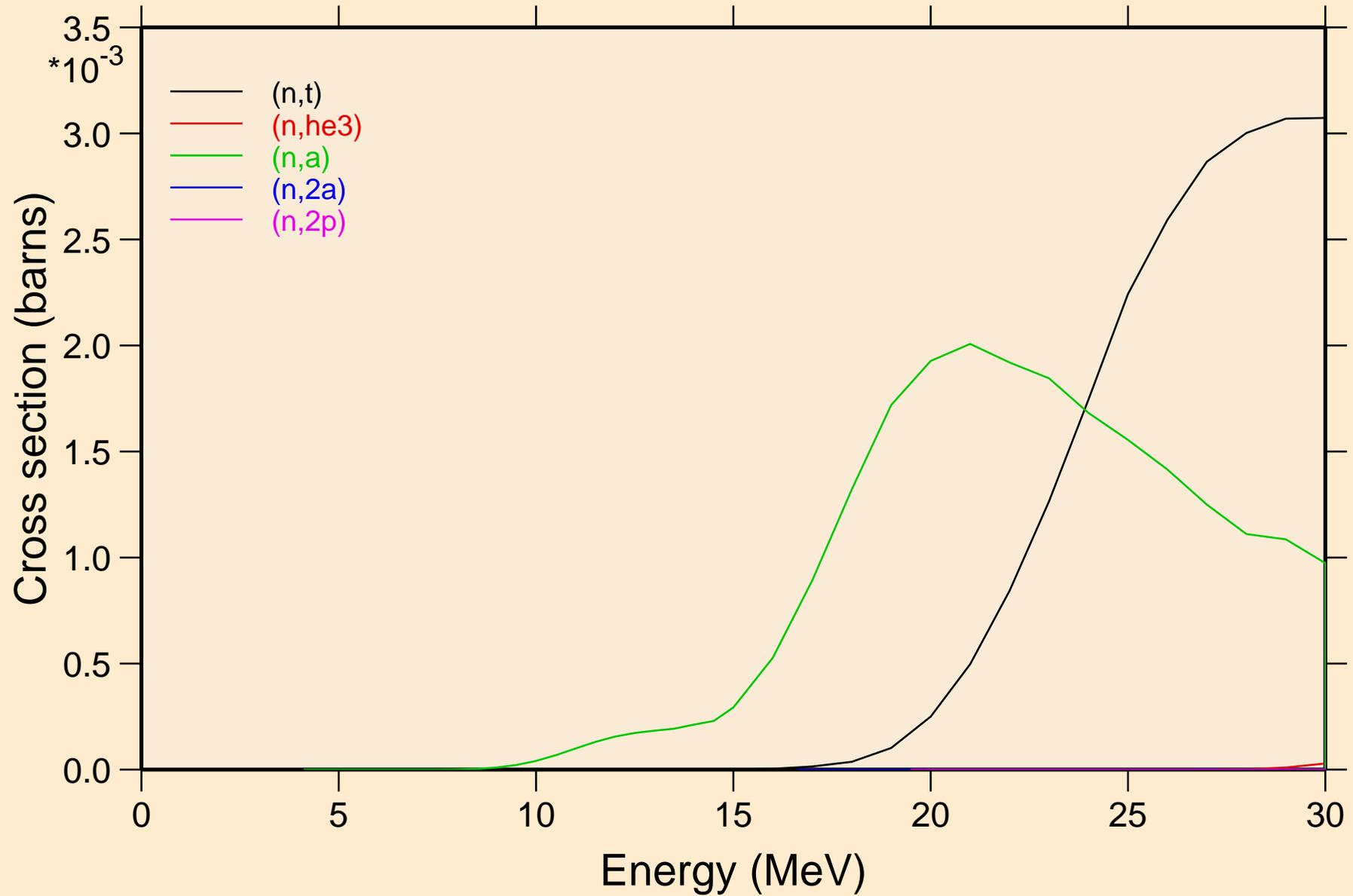
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

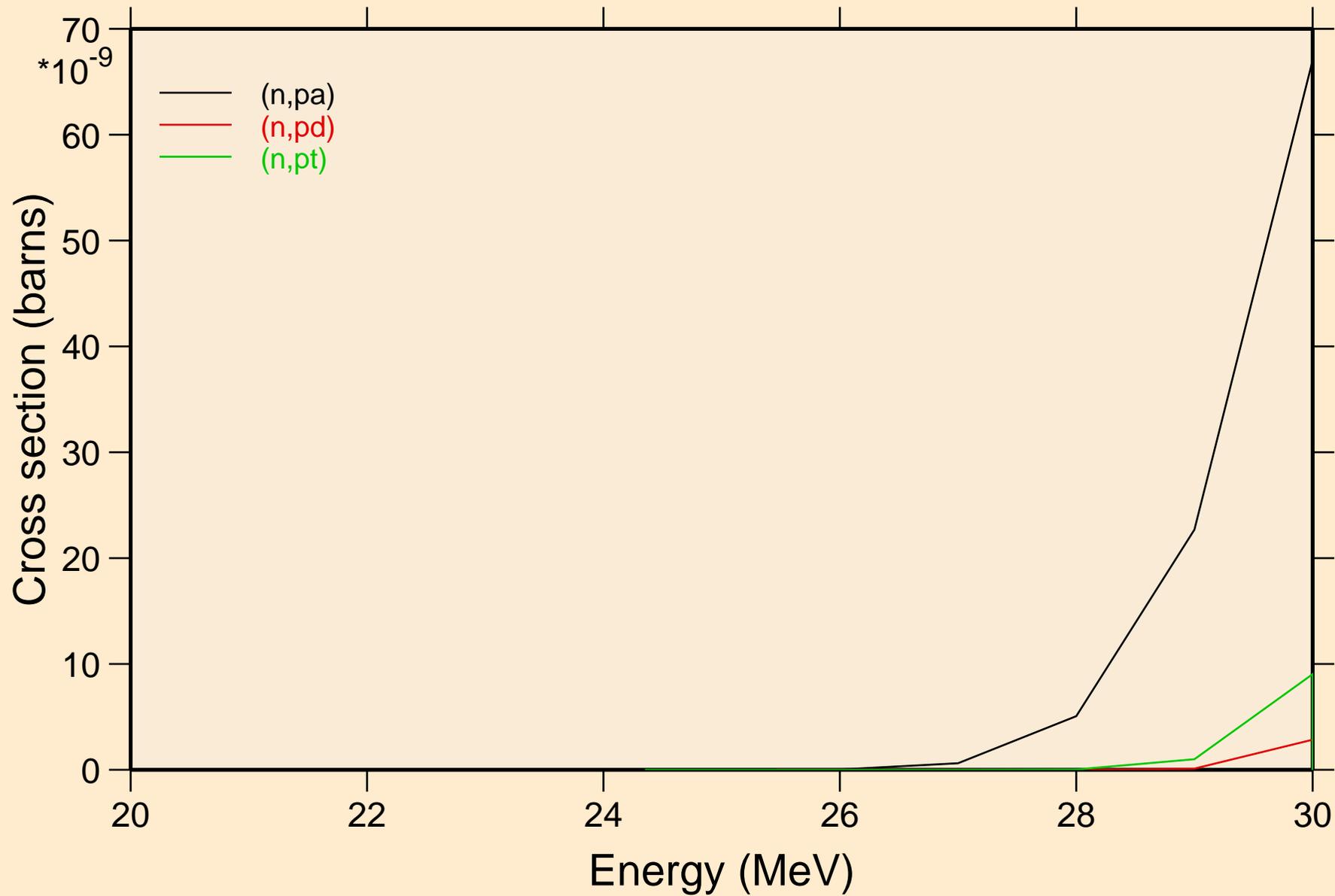


CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

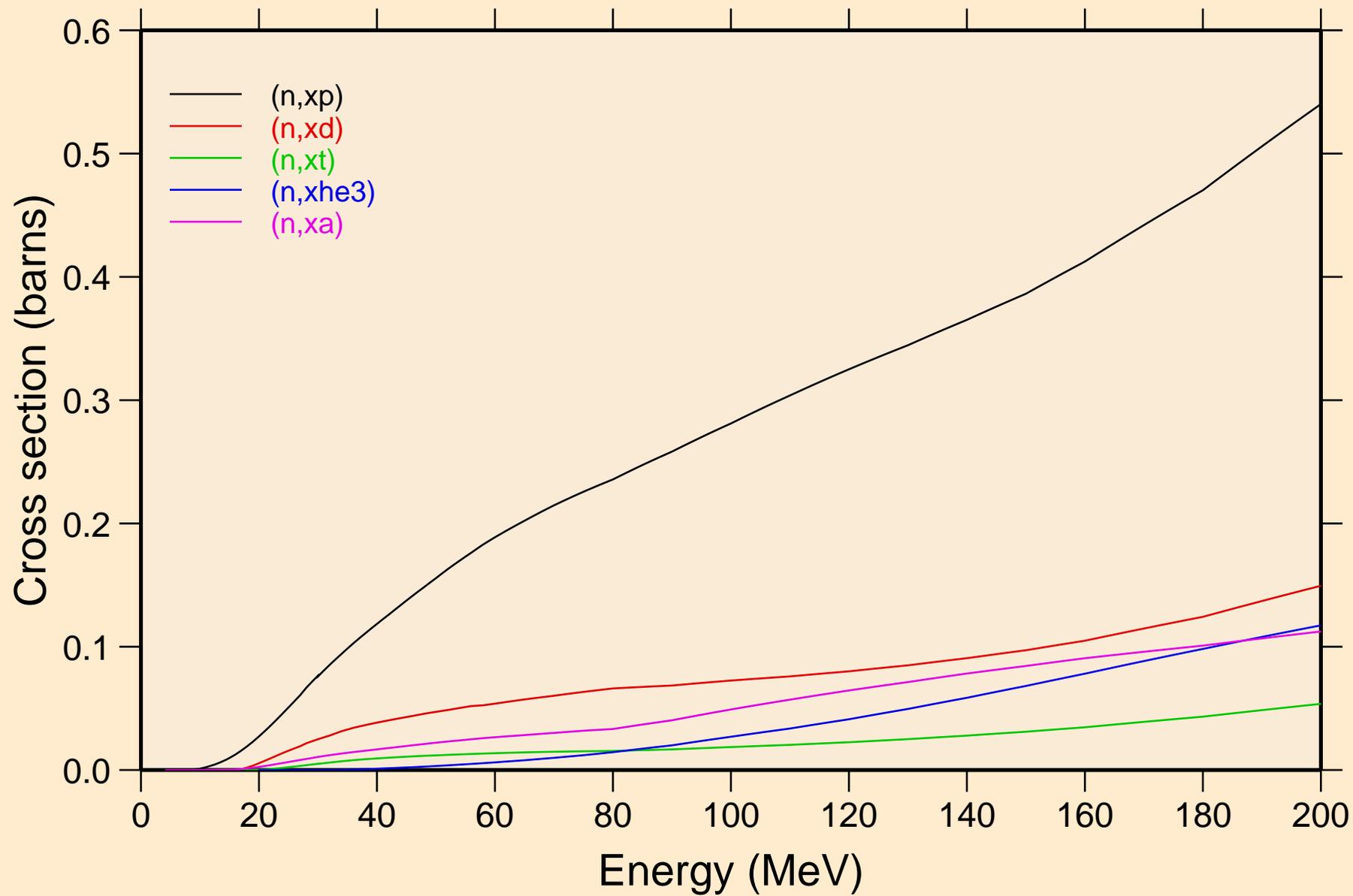


# CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

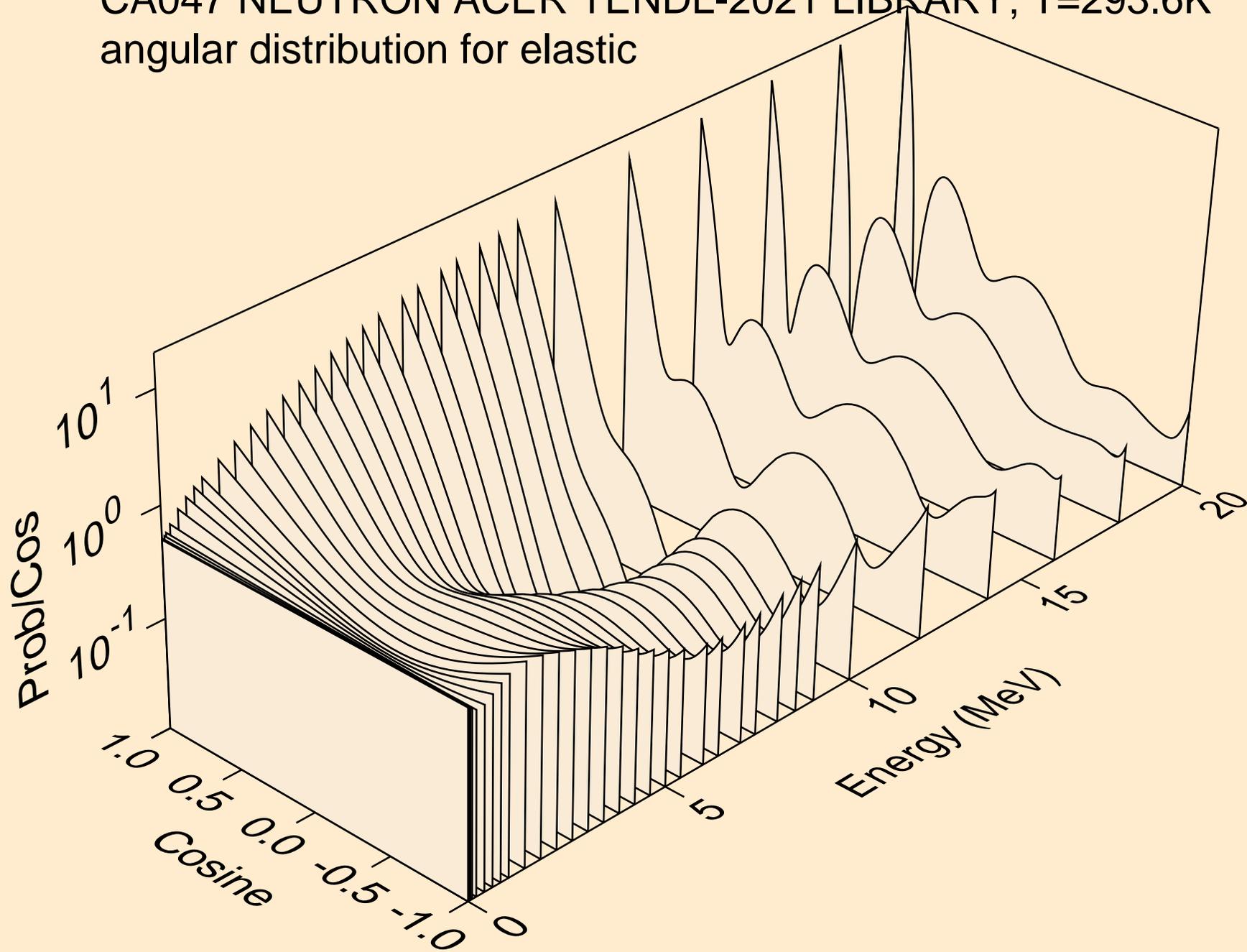
## Threshold reactions



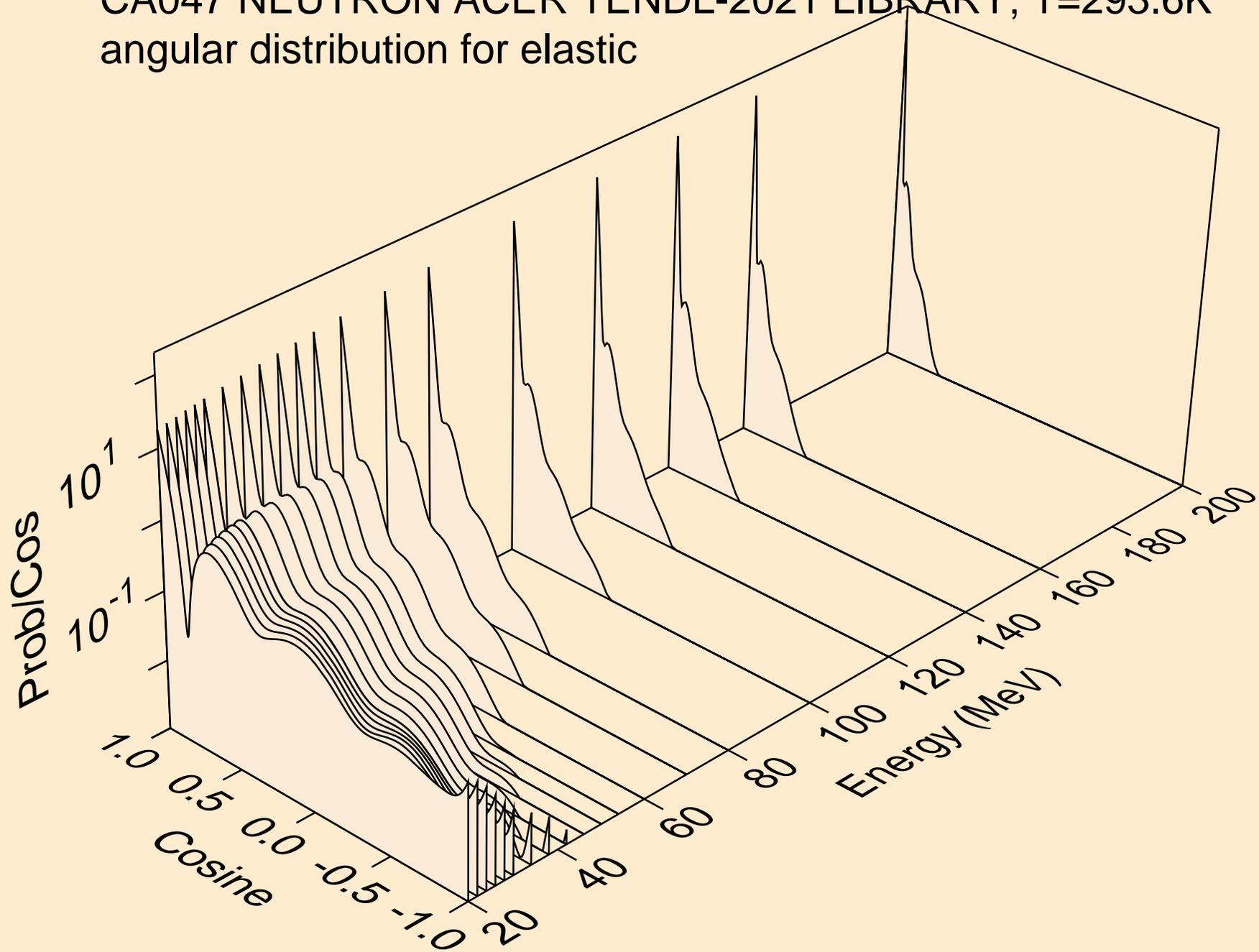
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



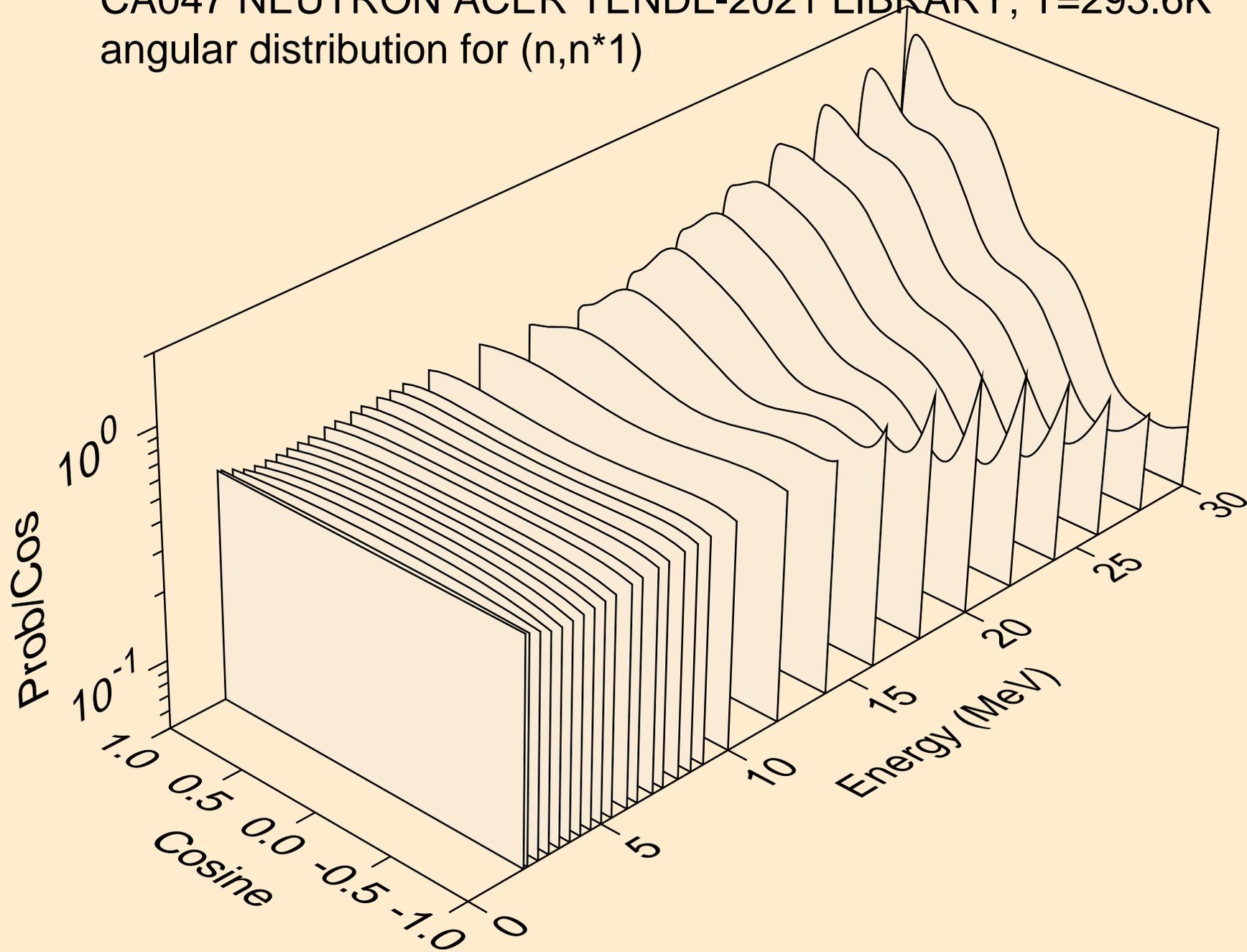
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



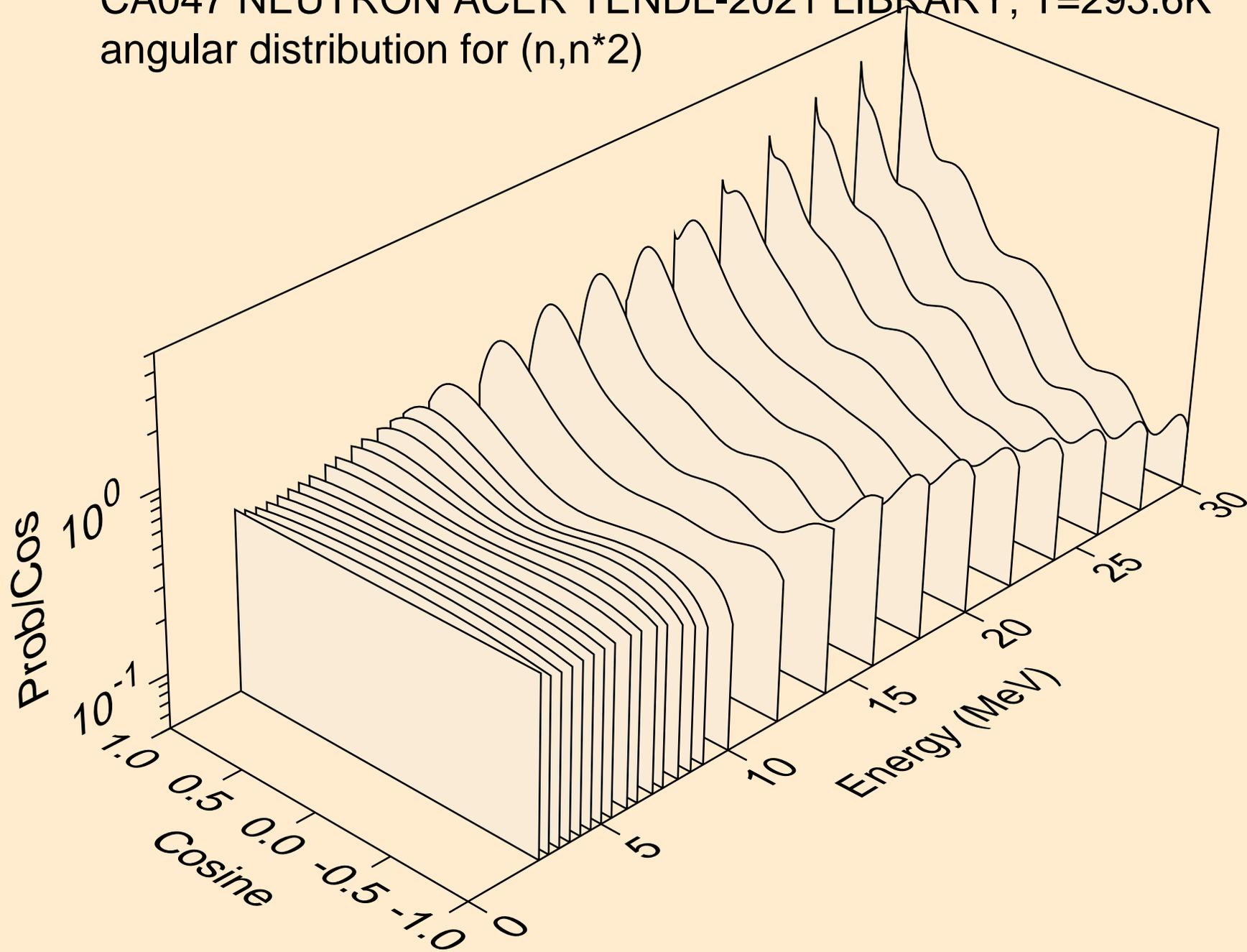
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



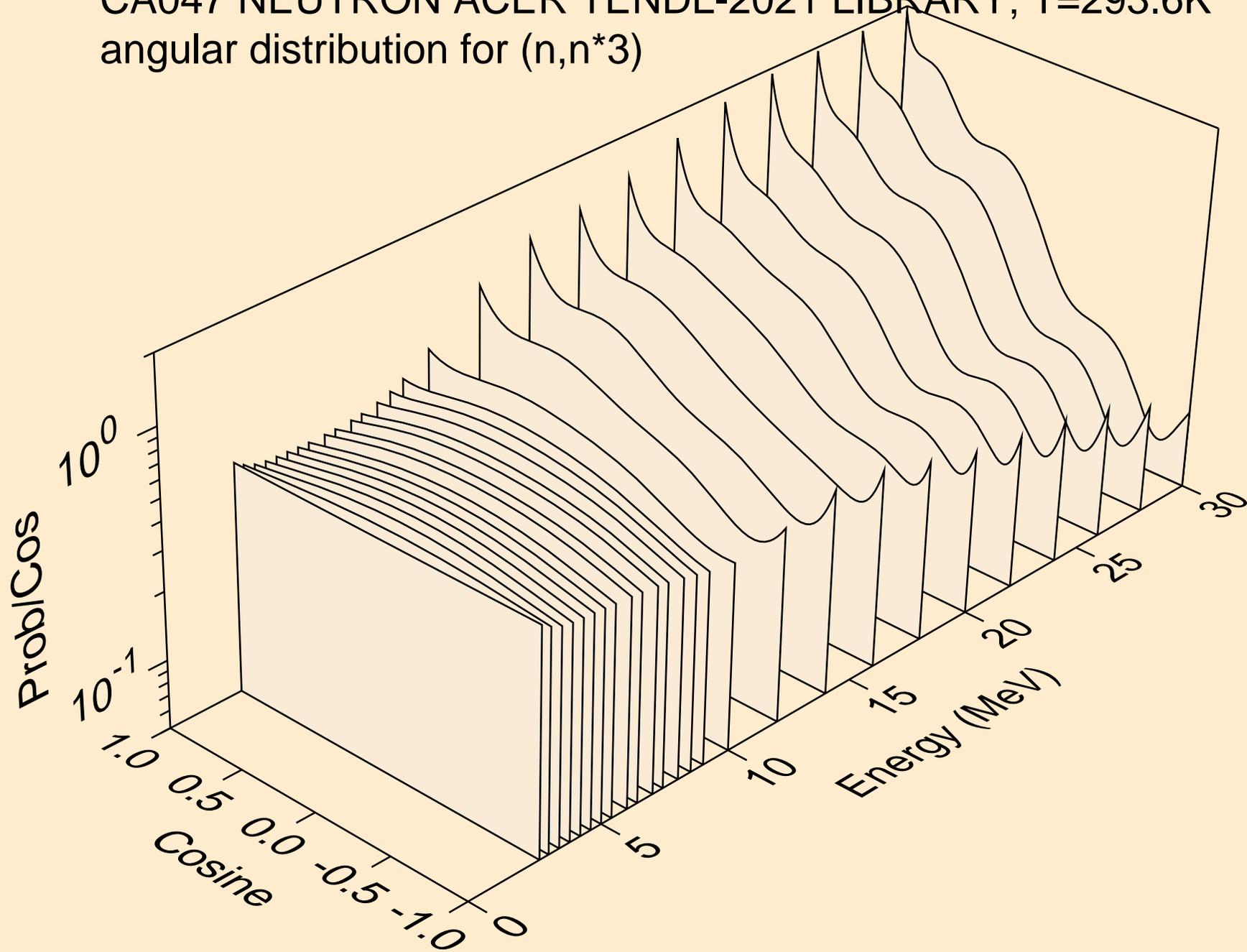
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



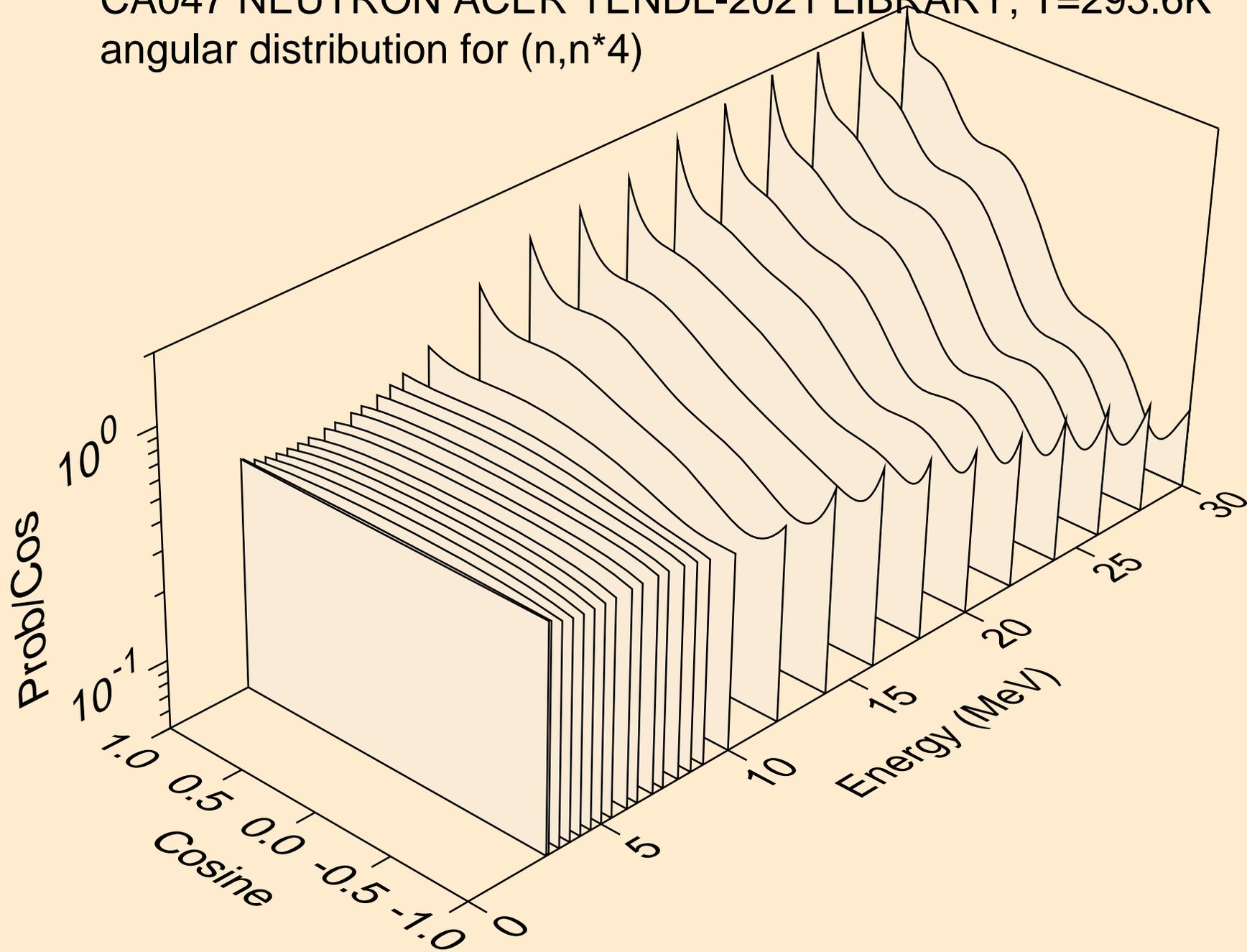
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



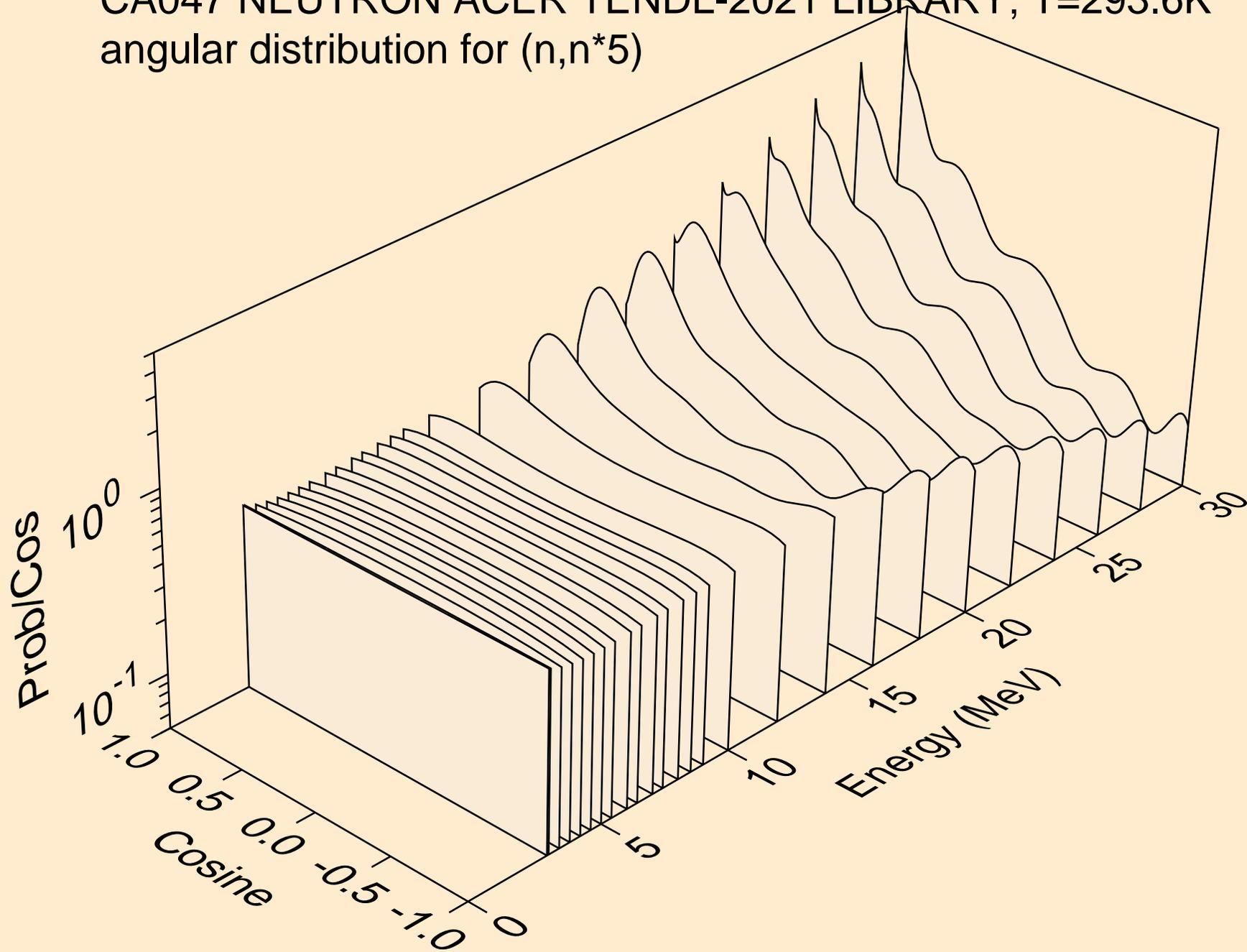
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



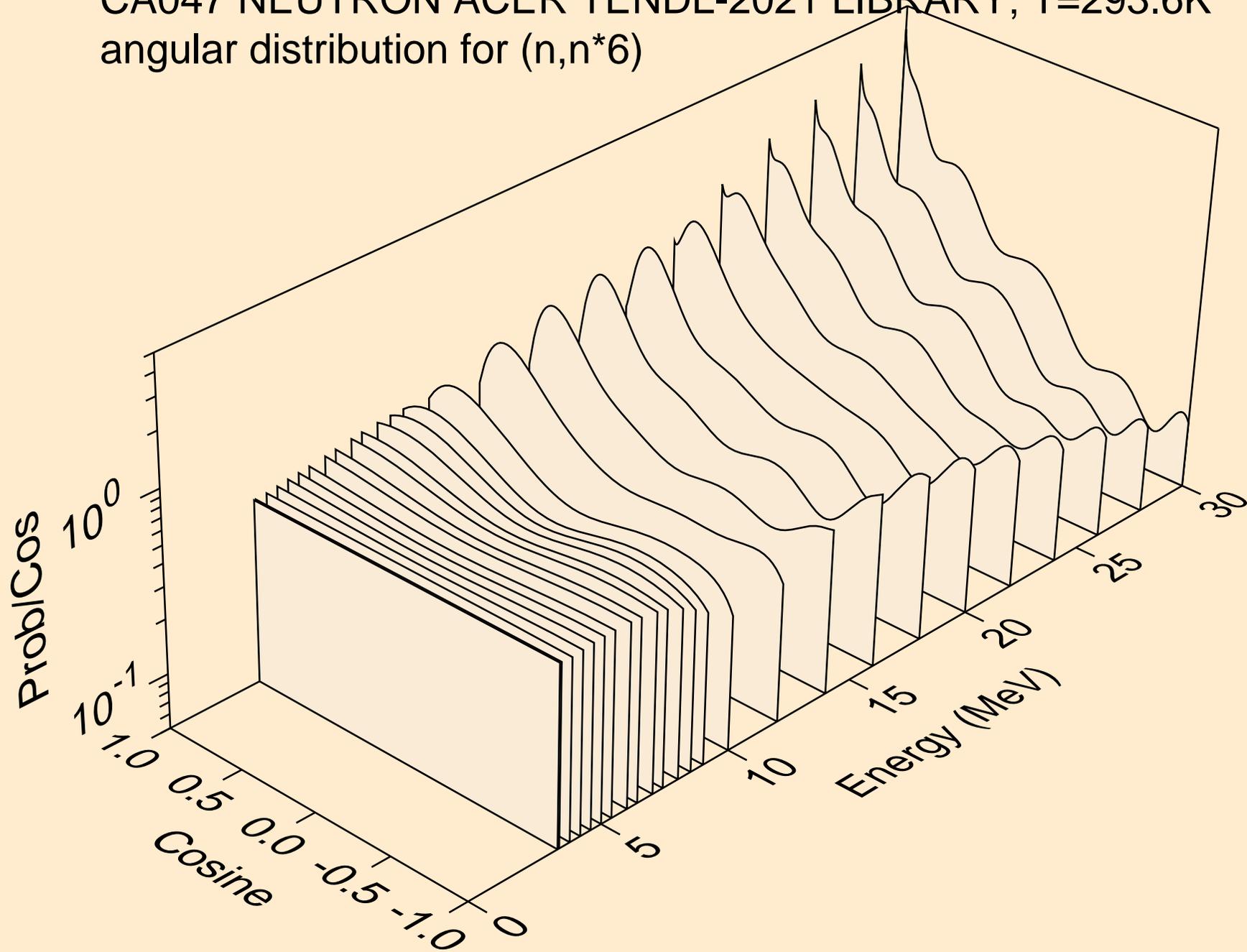
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



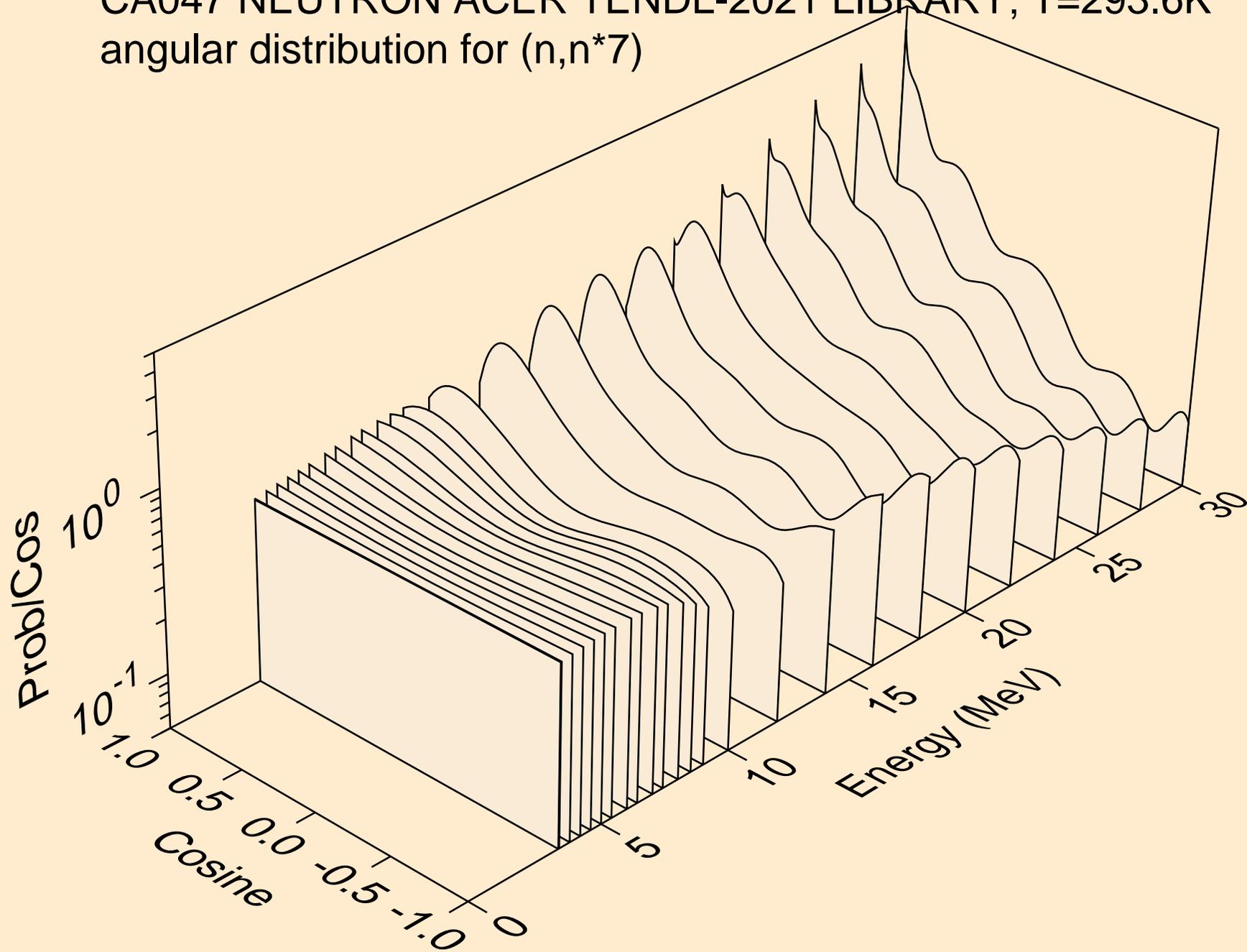
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



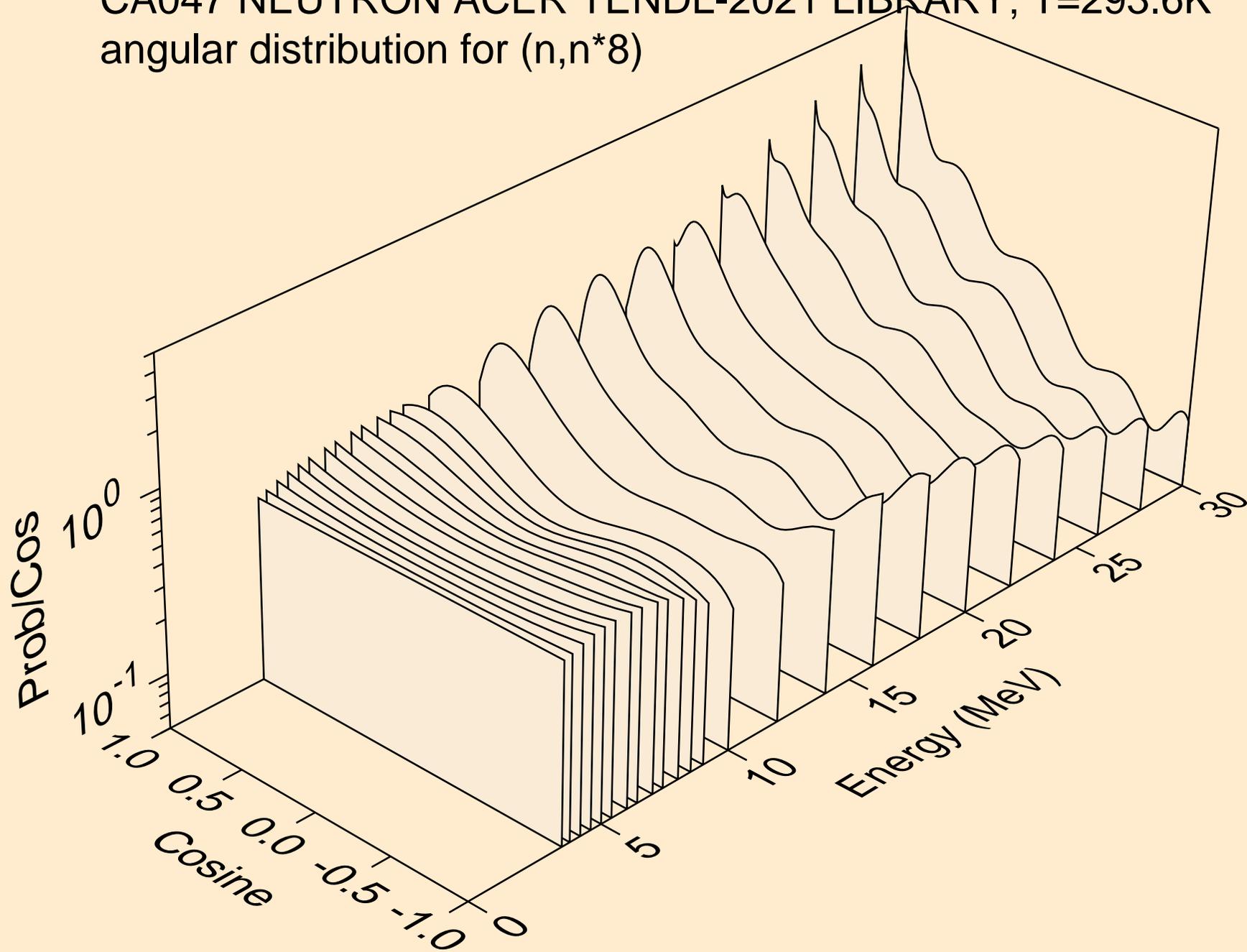
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



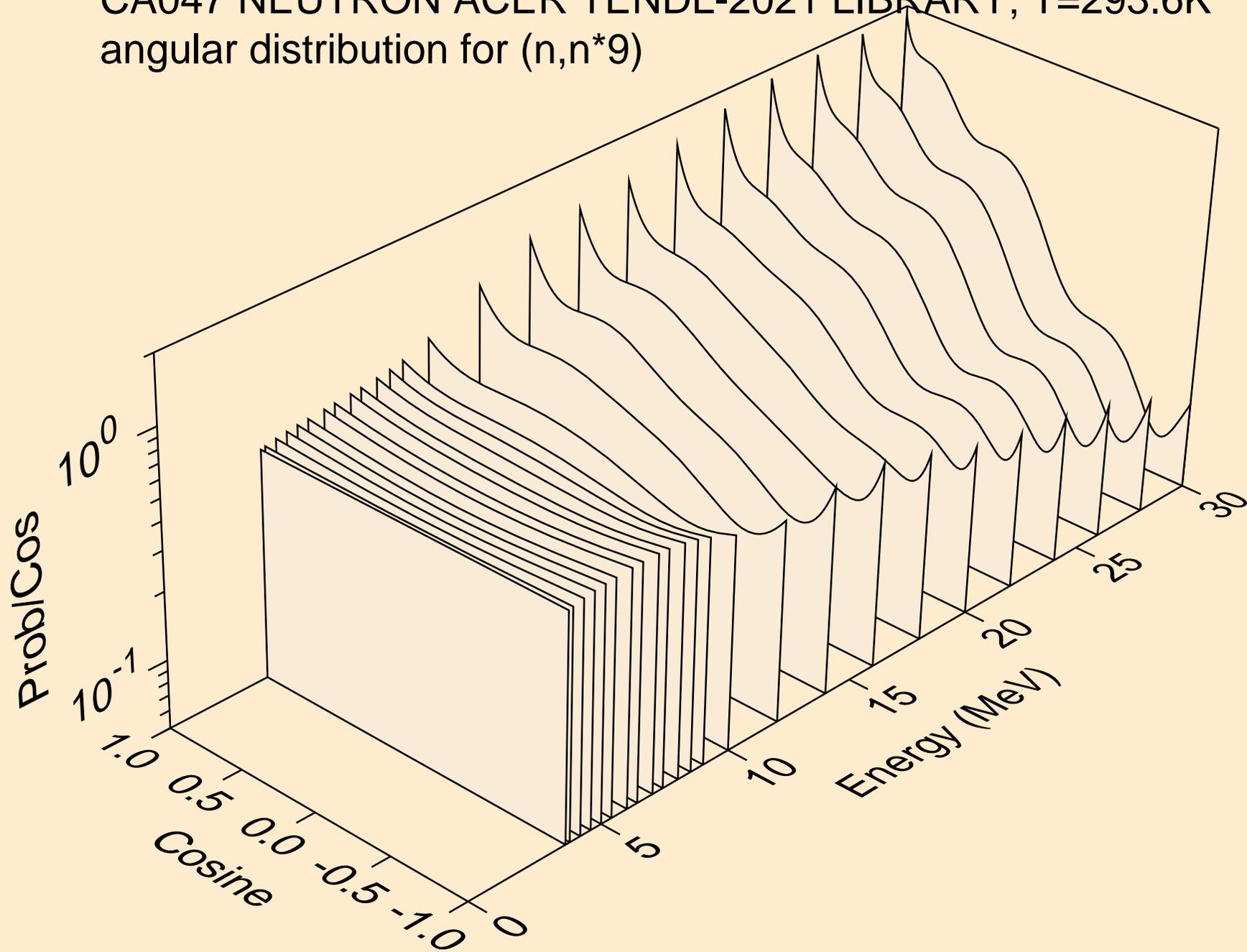
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



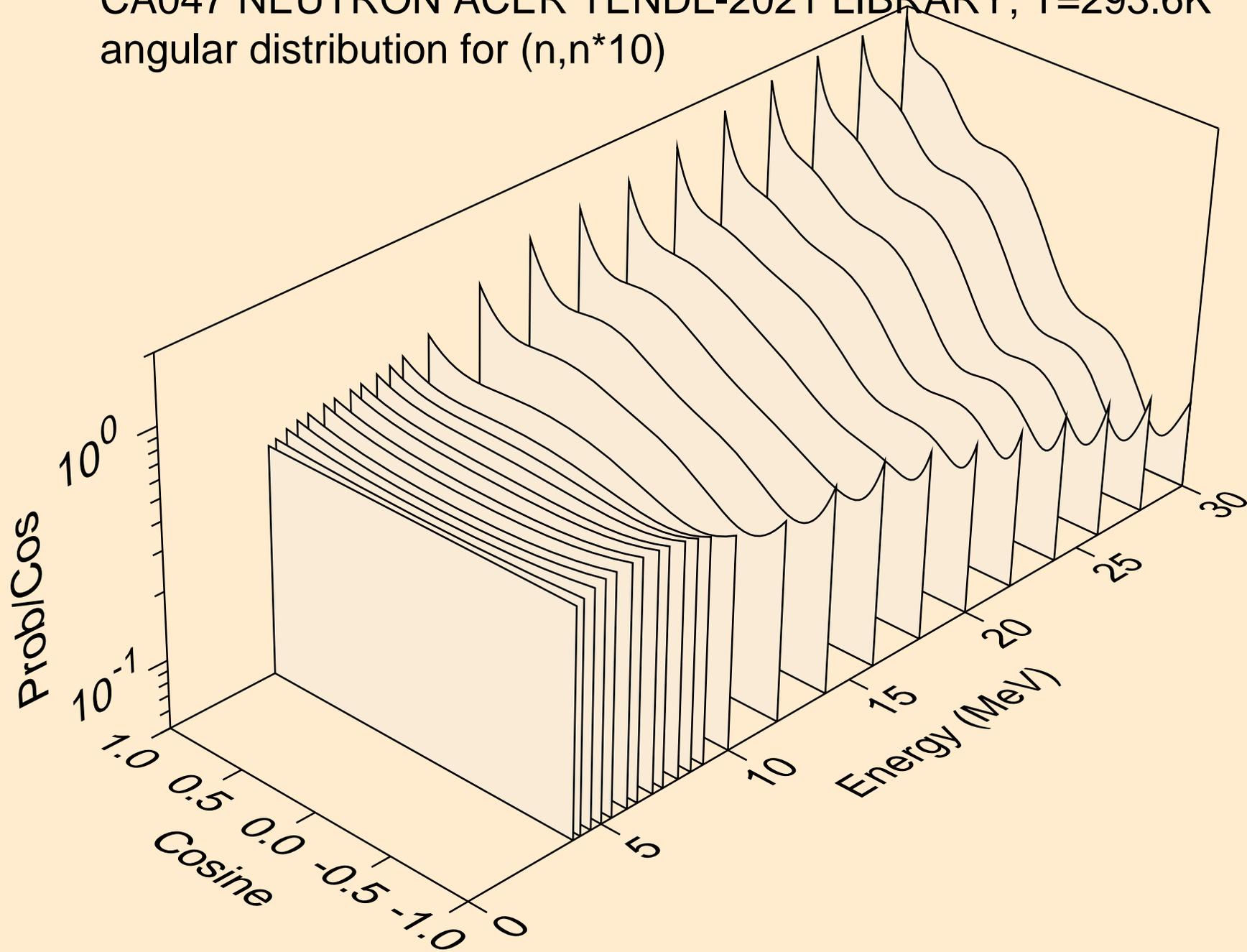
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



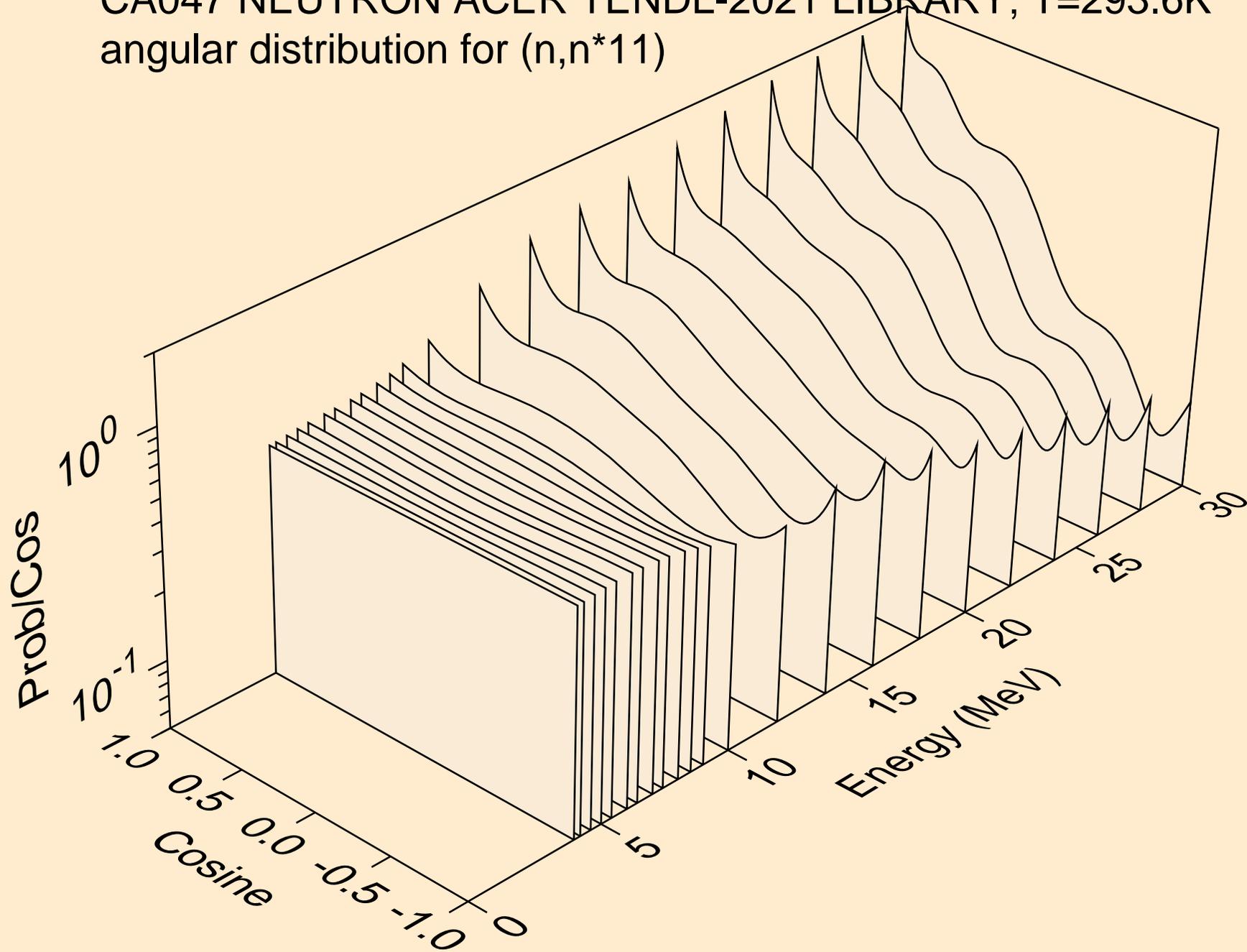
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



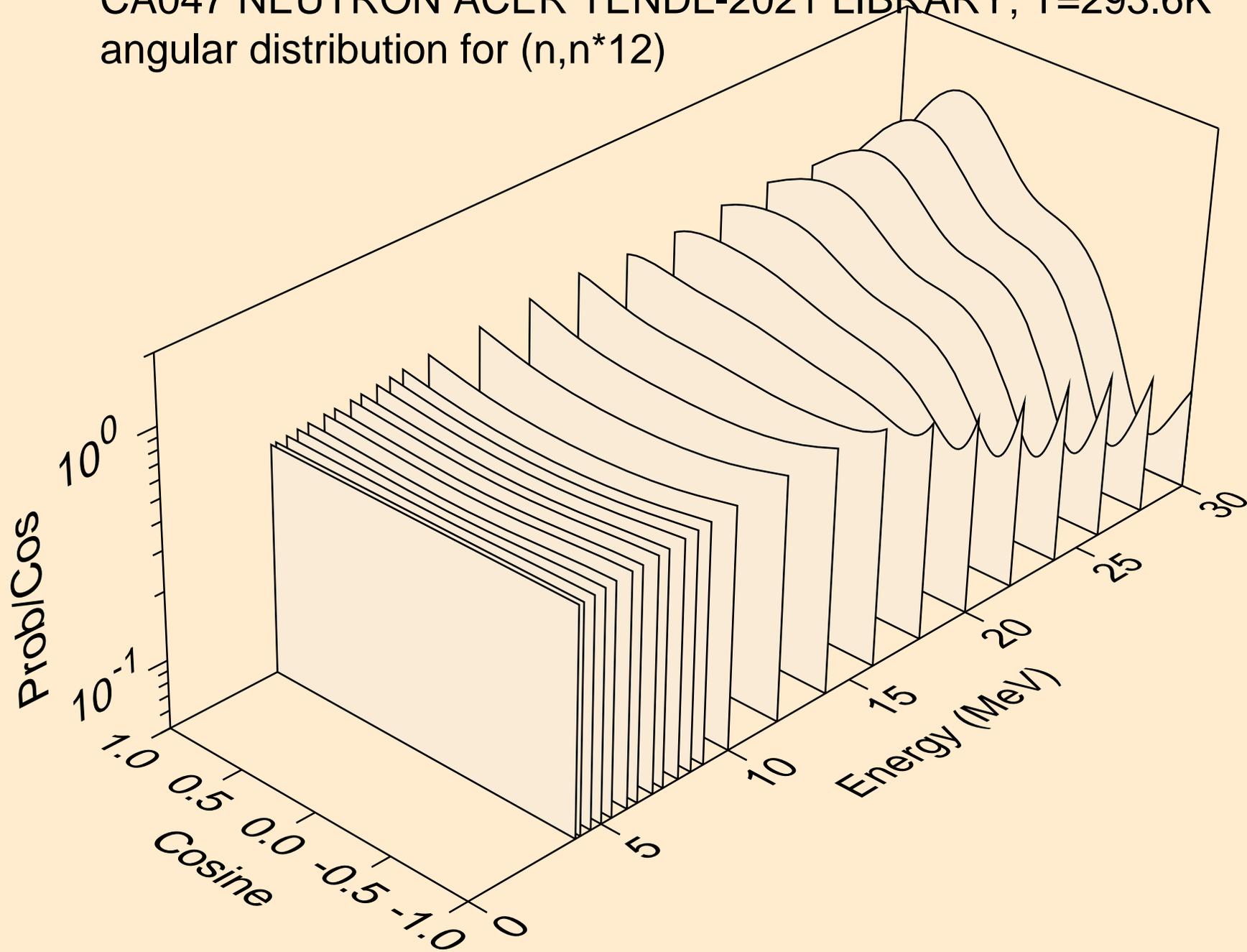
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



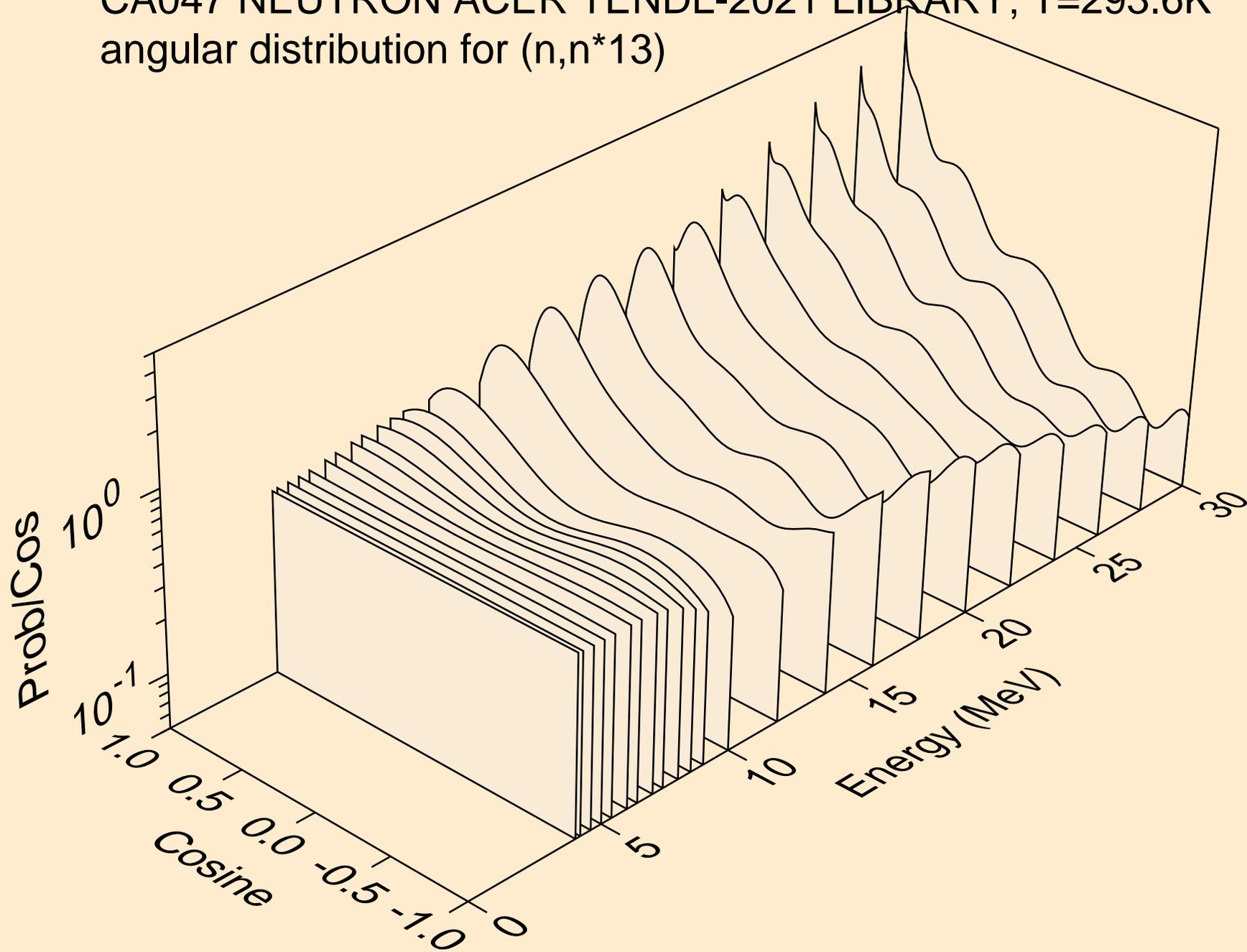
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



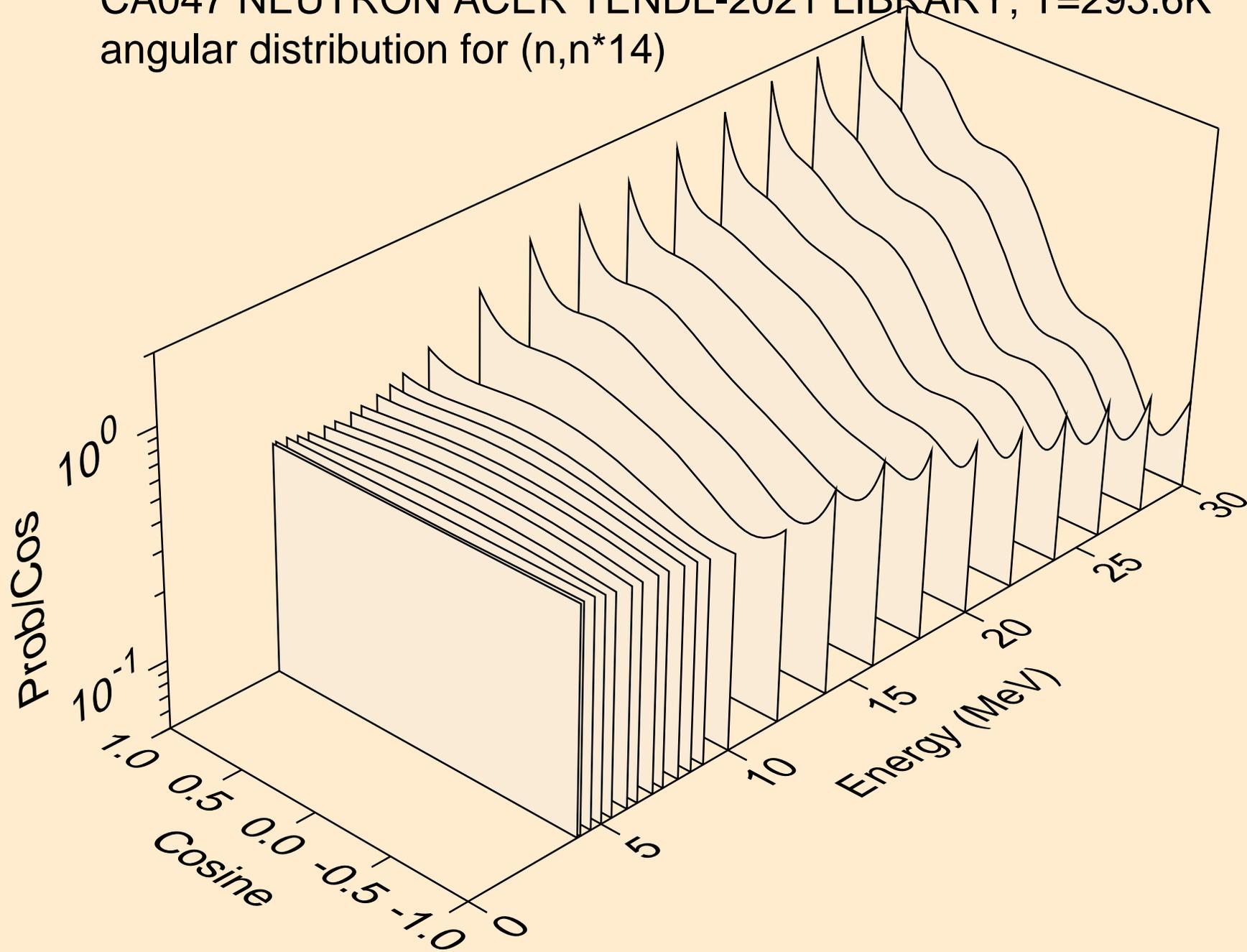
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



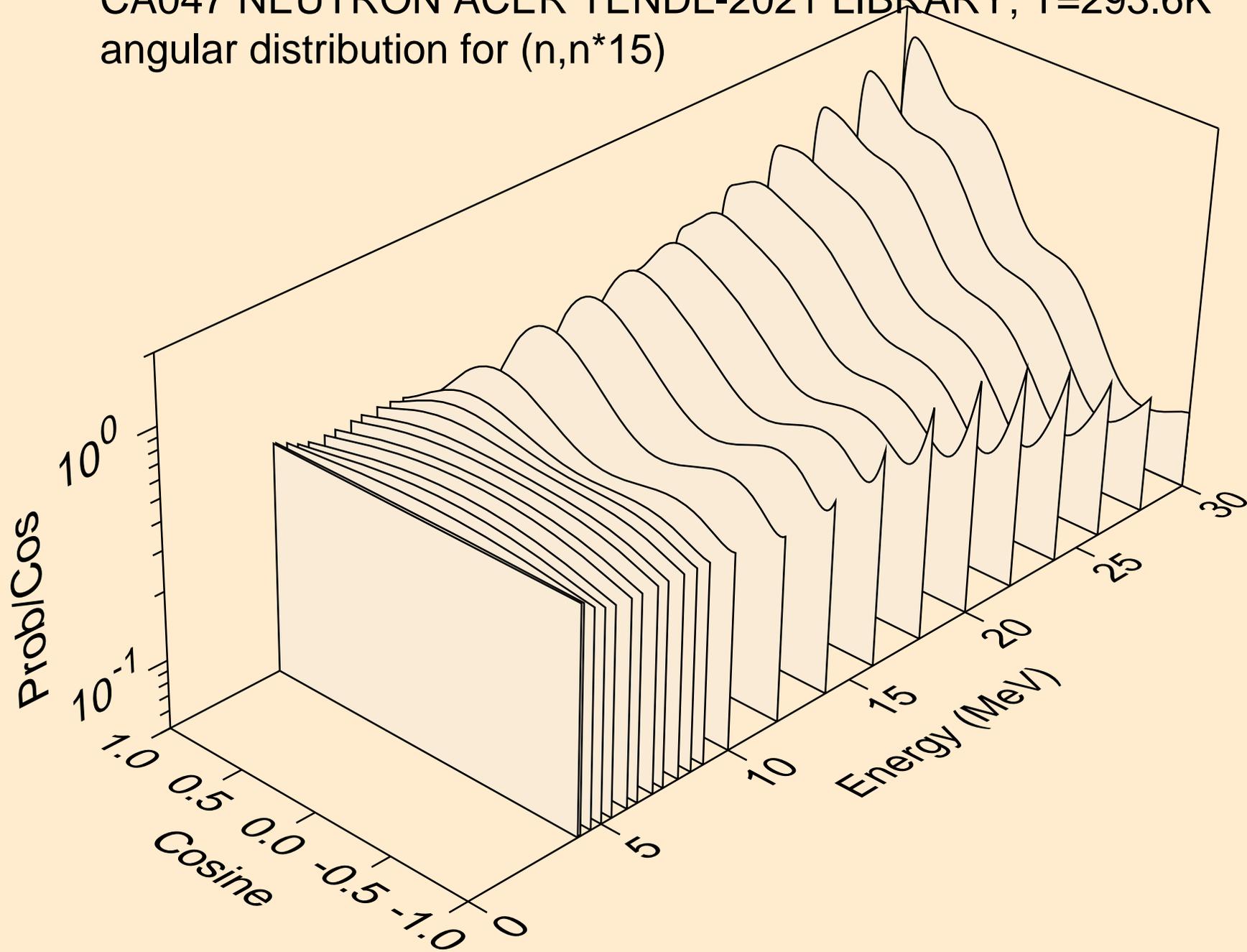
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



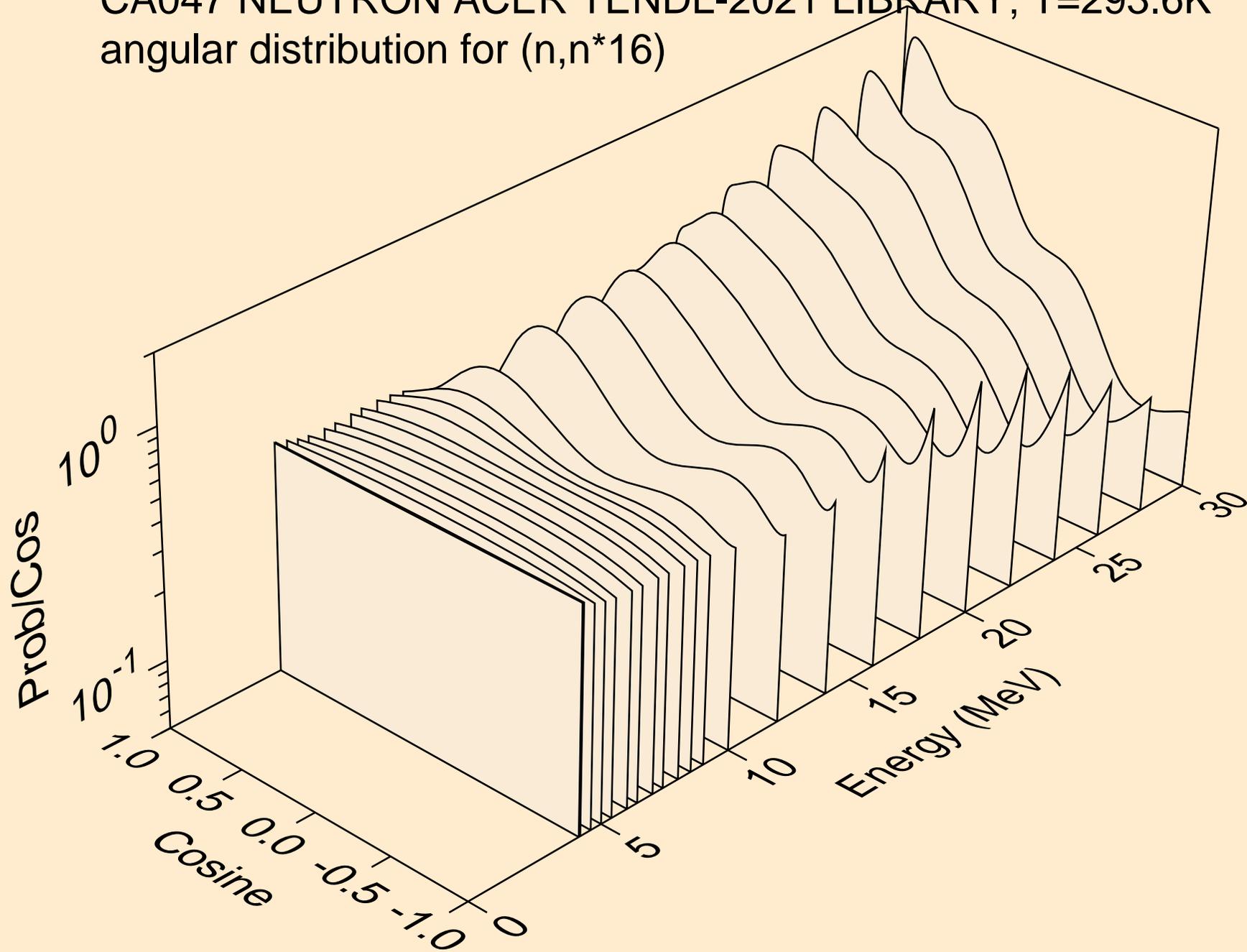
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



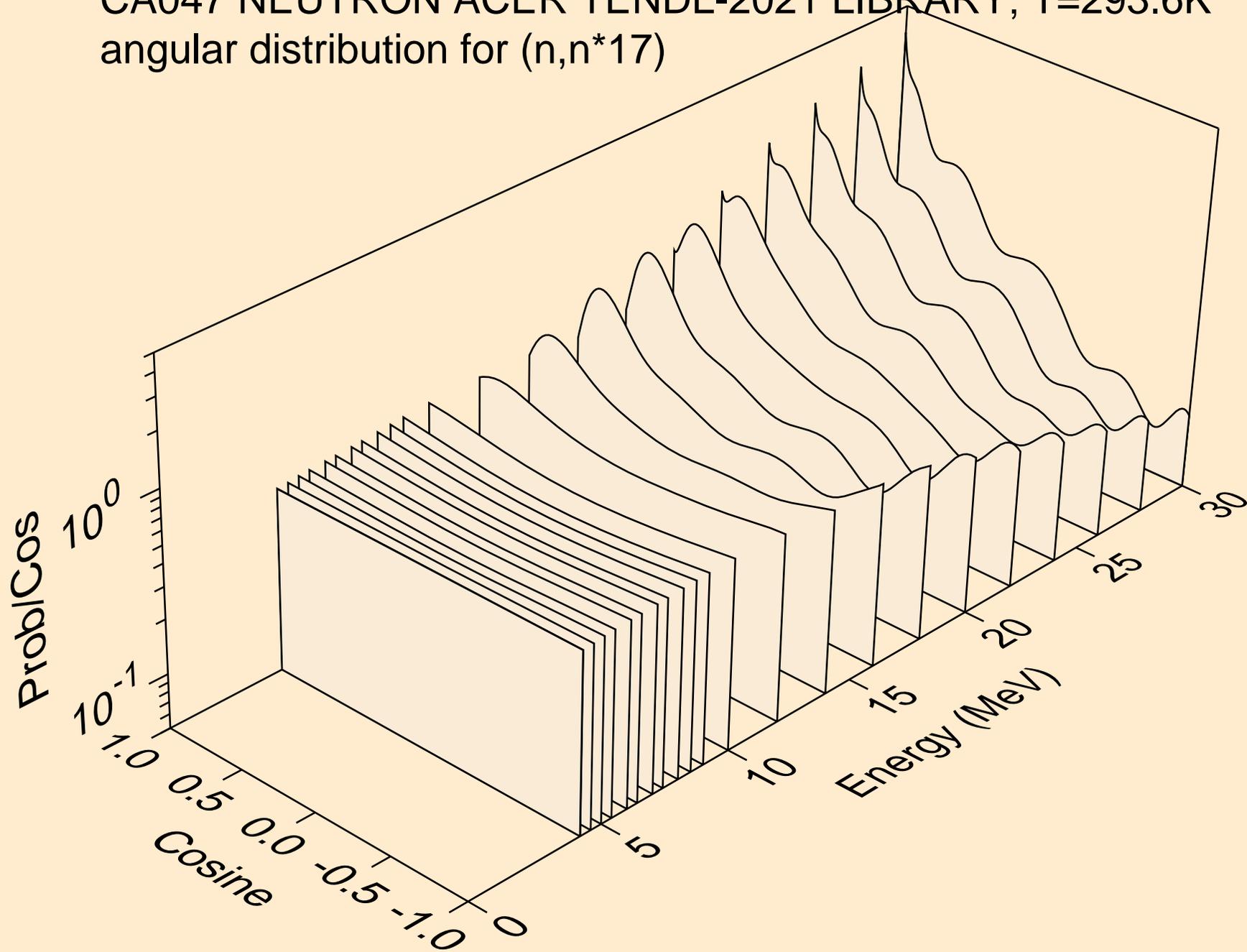
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



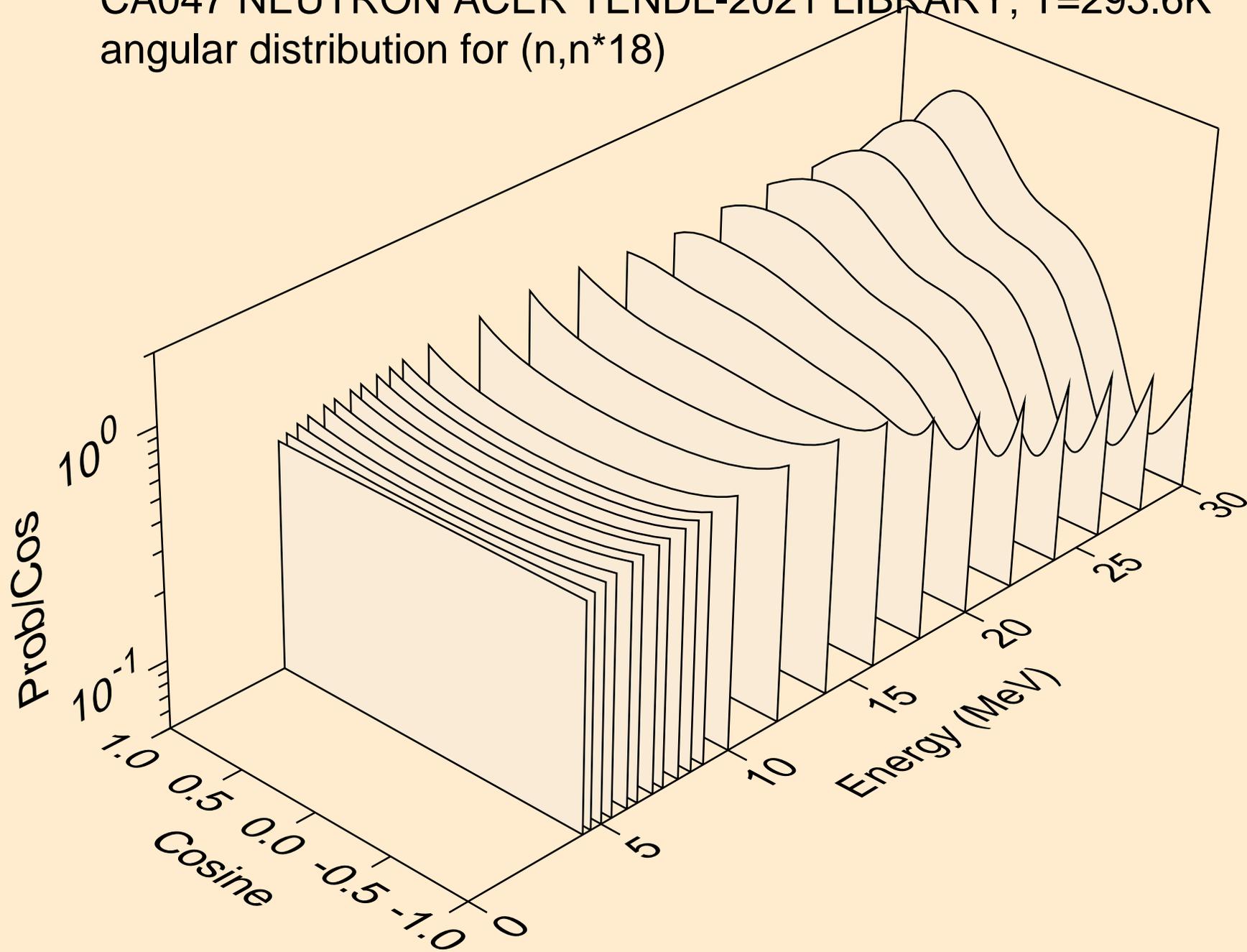
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



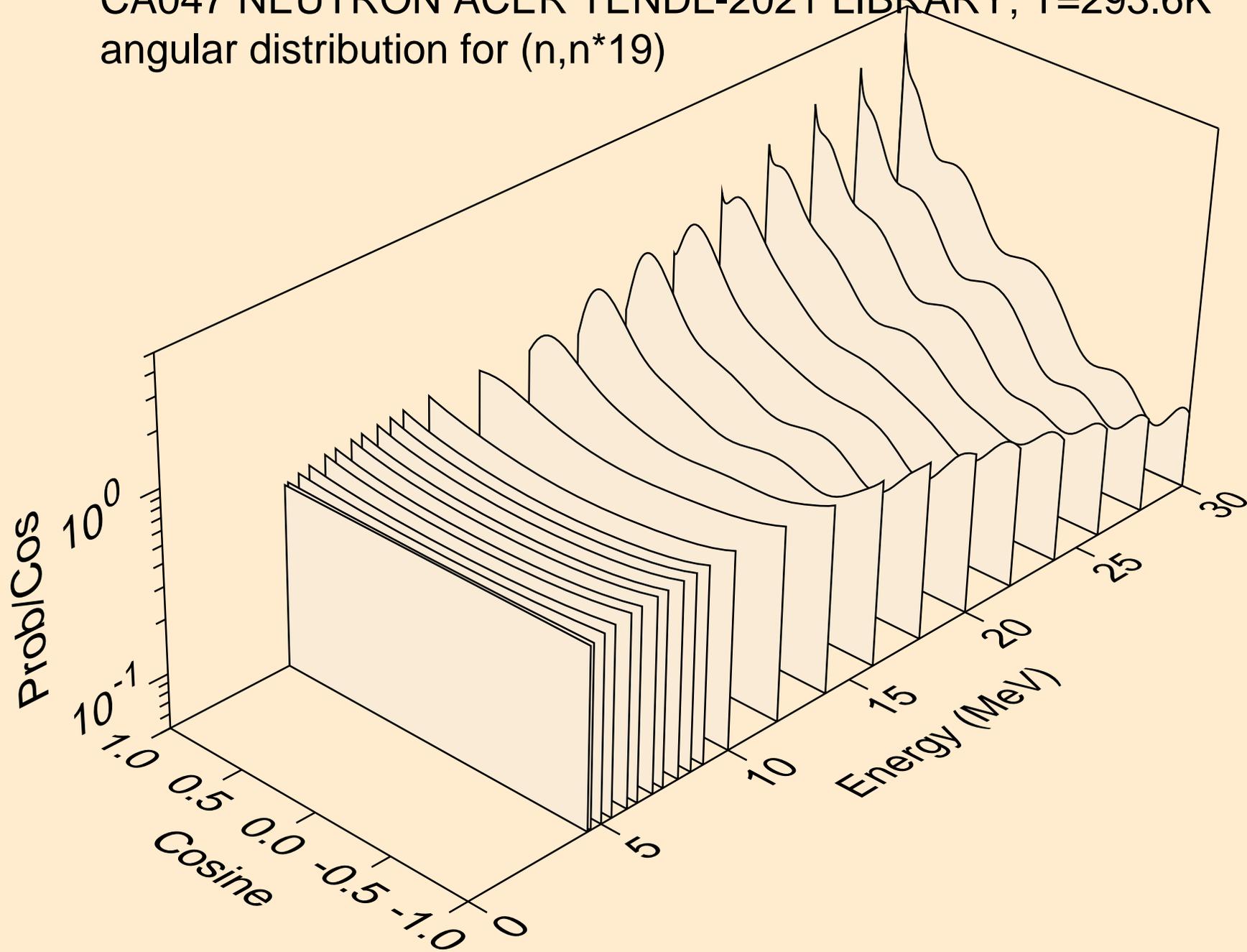
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



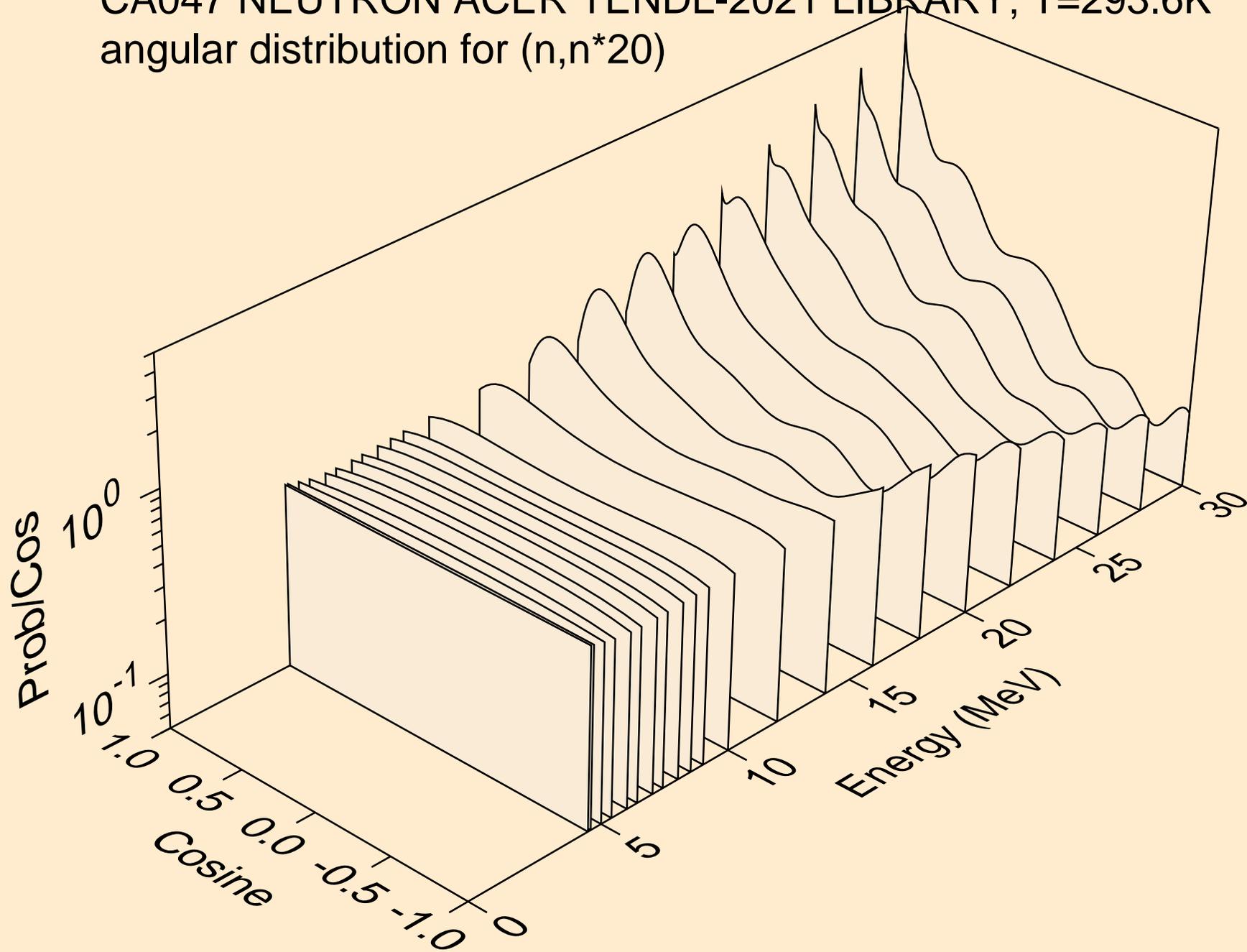
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



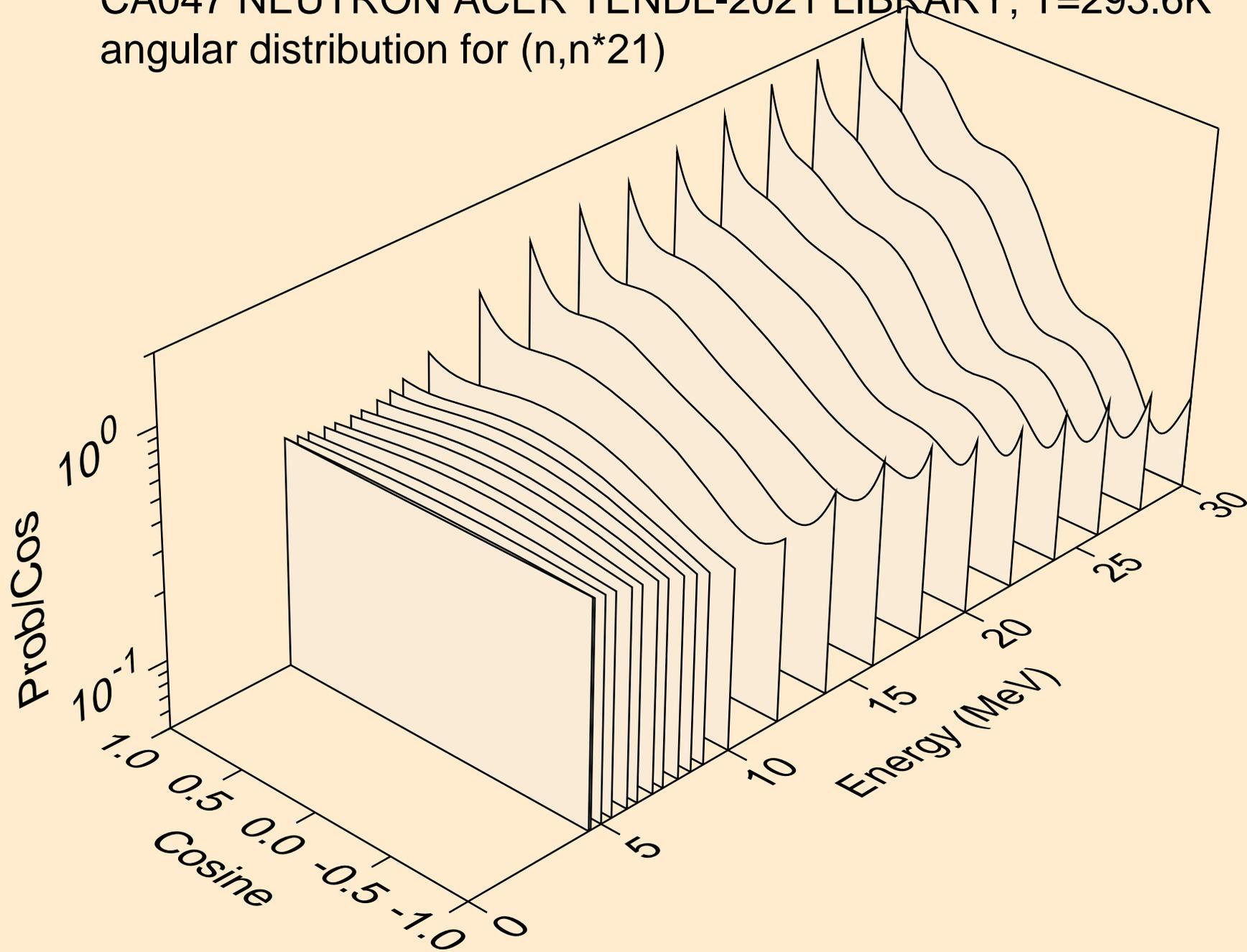
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



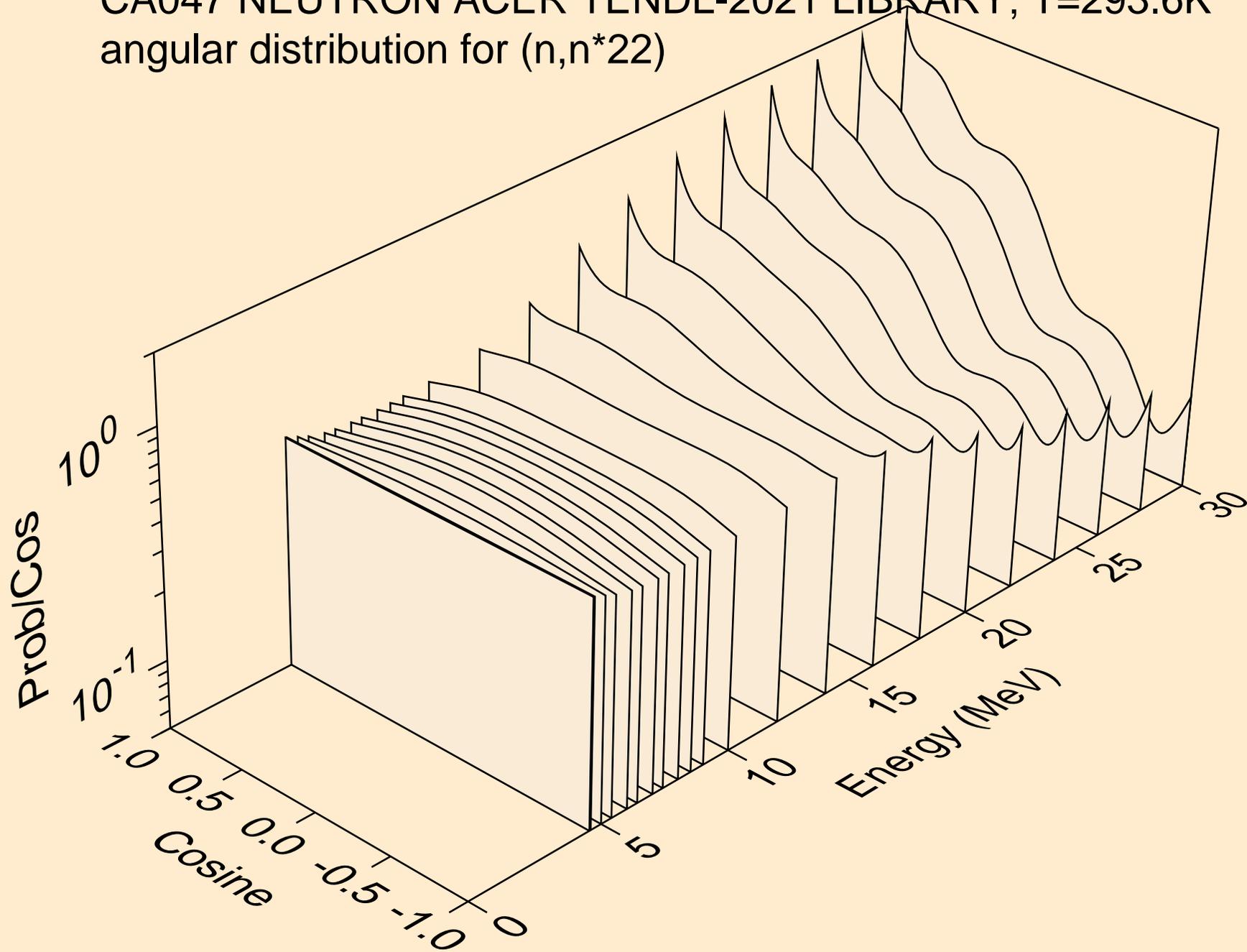
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



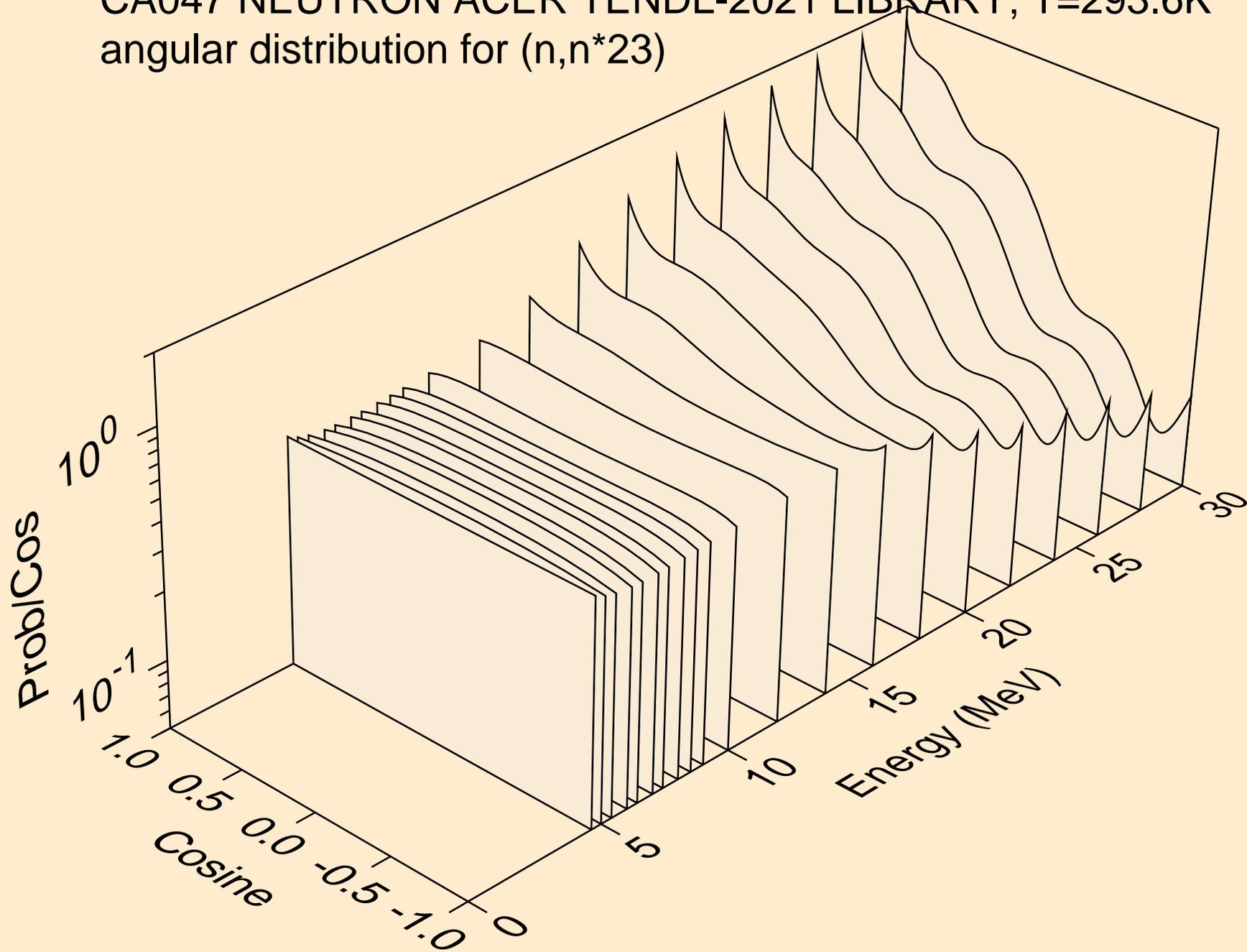
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



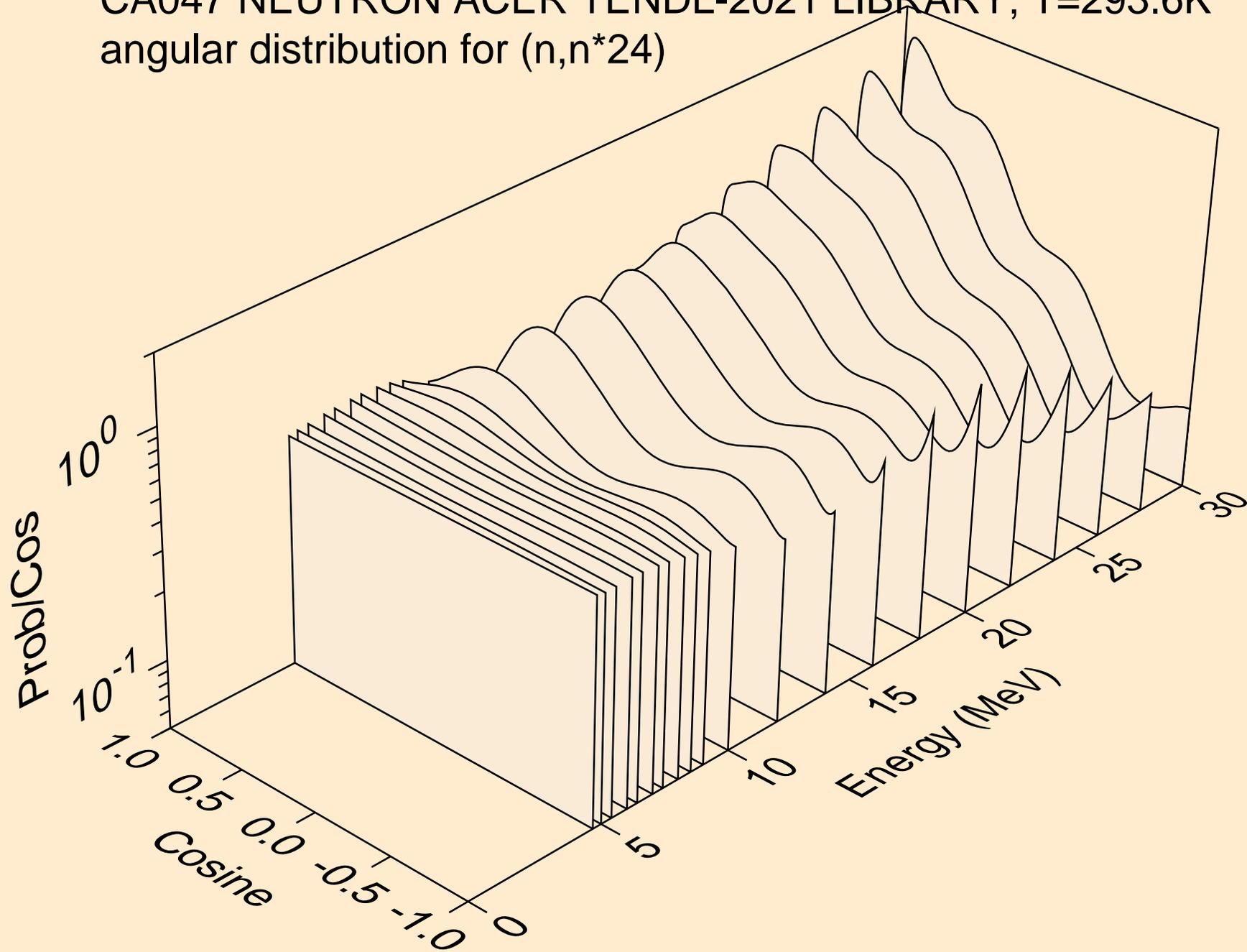
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



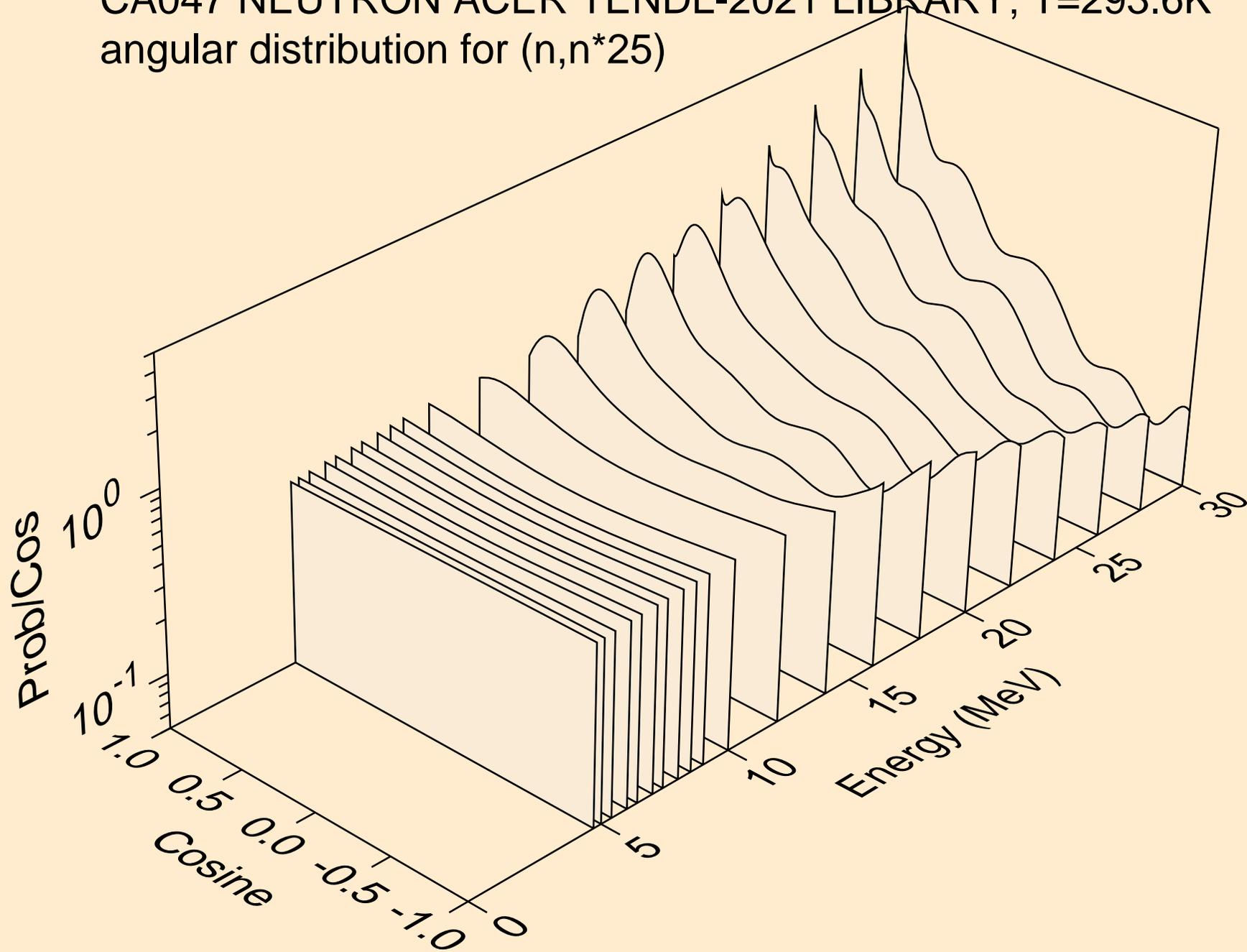
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



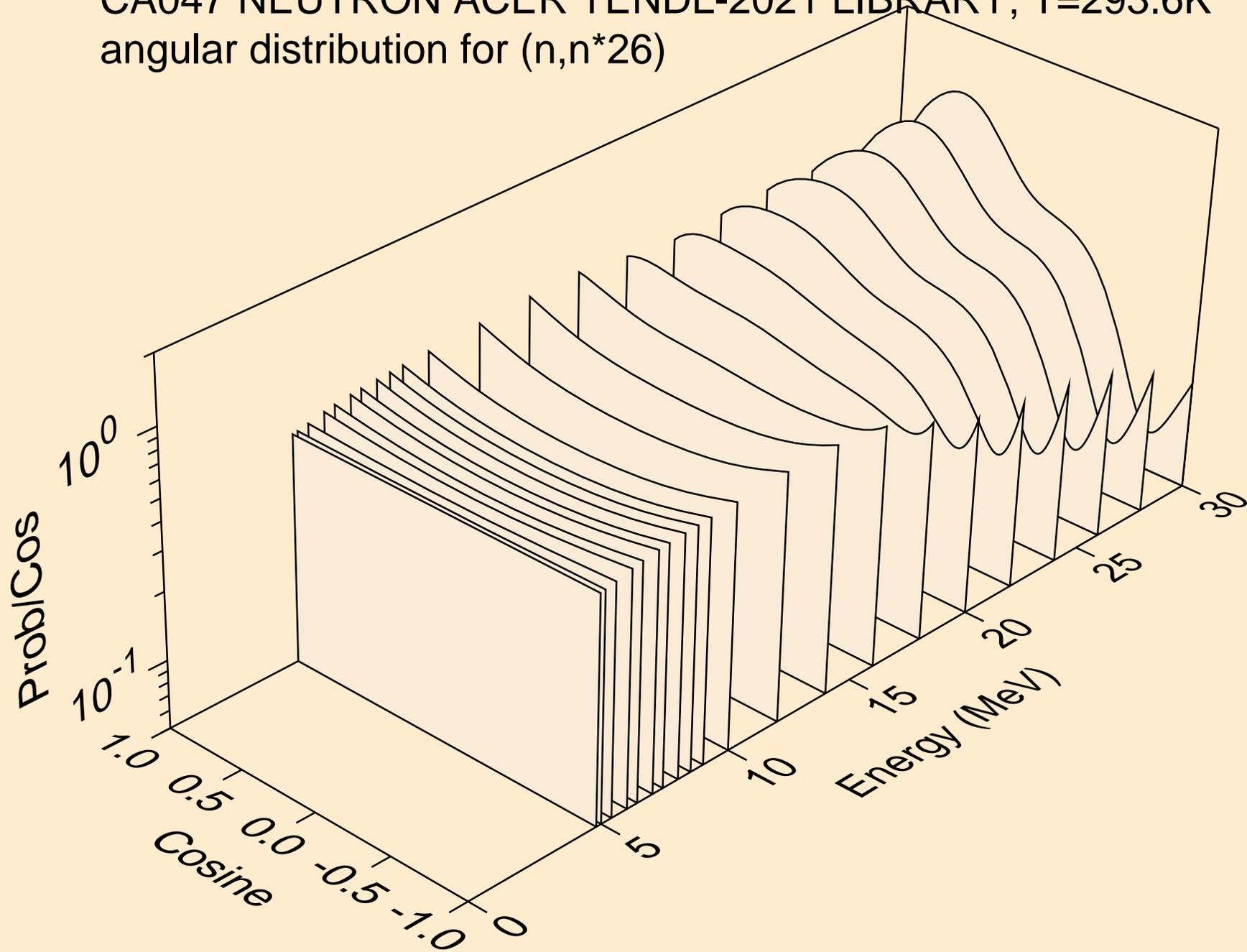
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



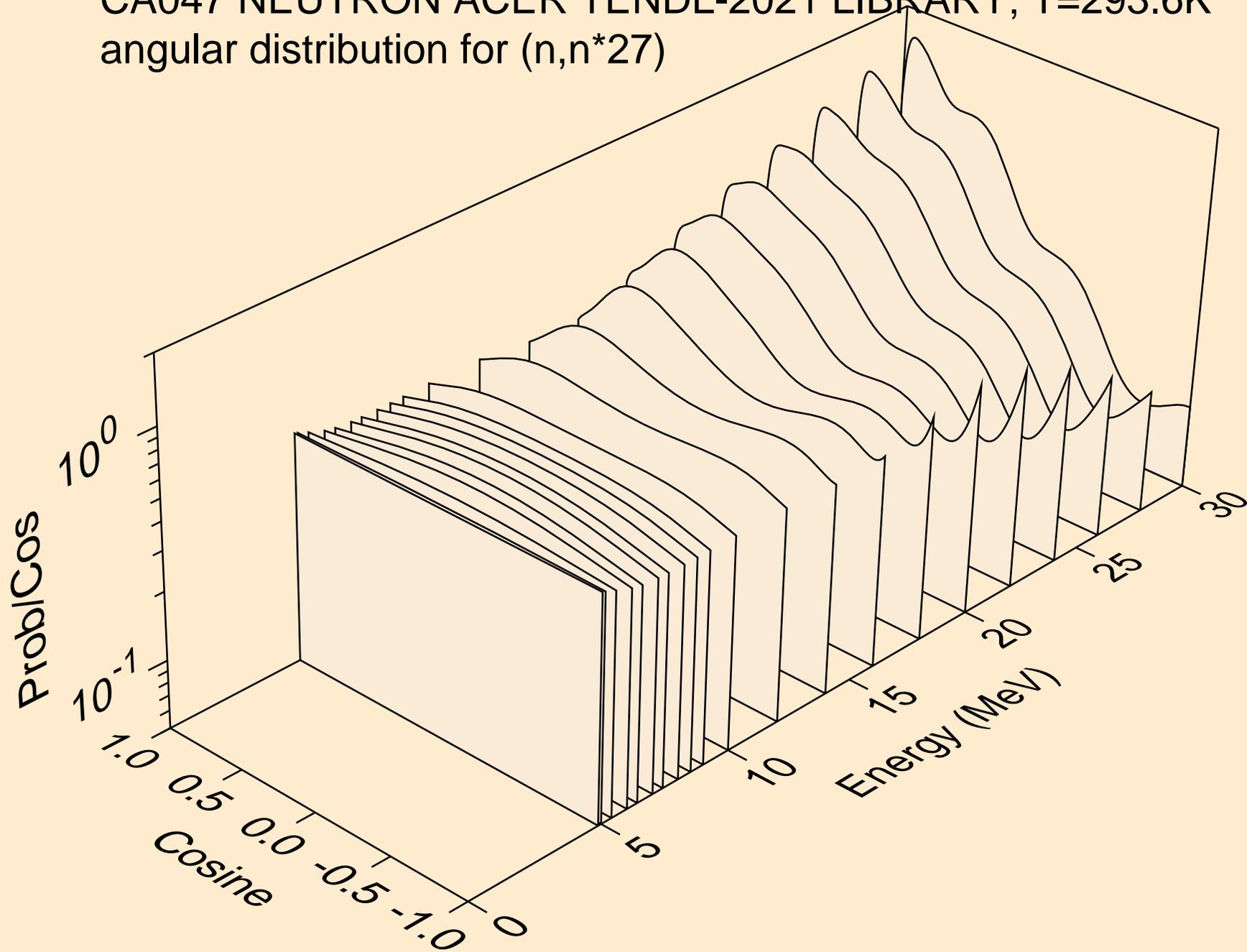
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



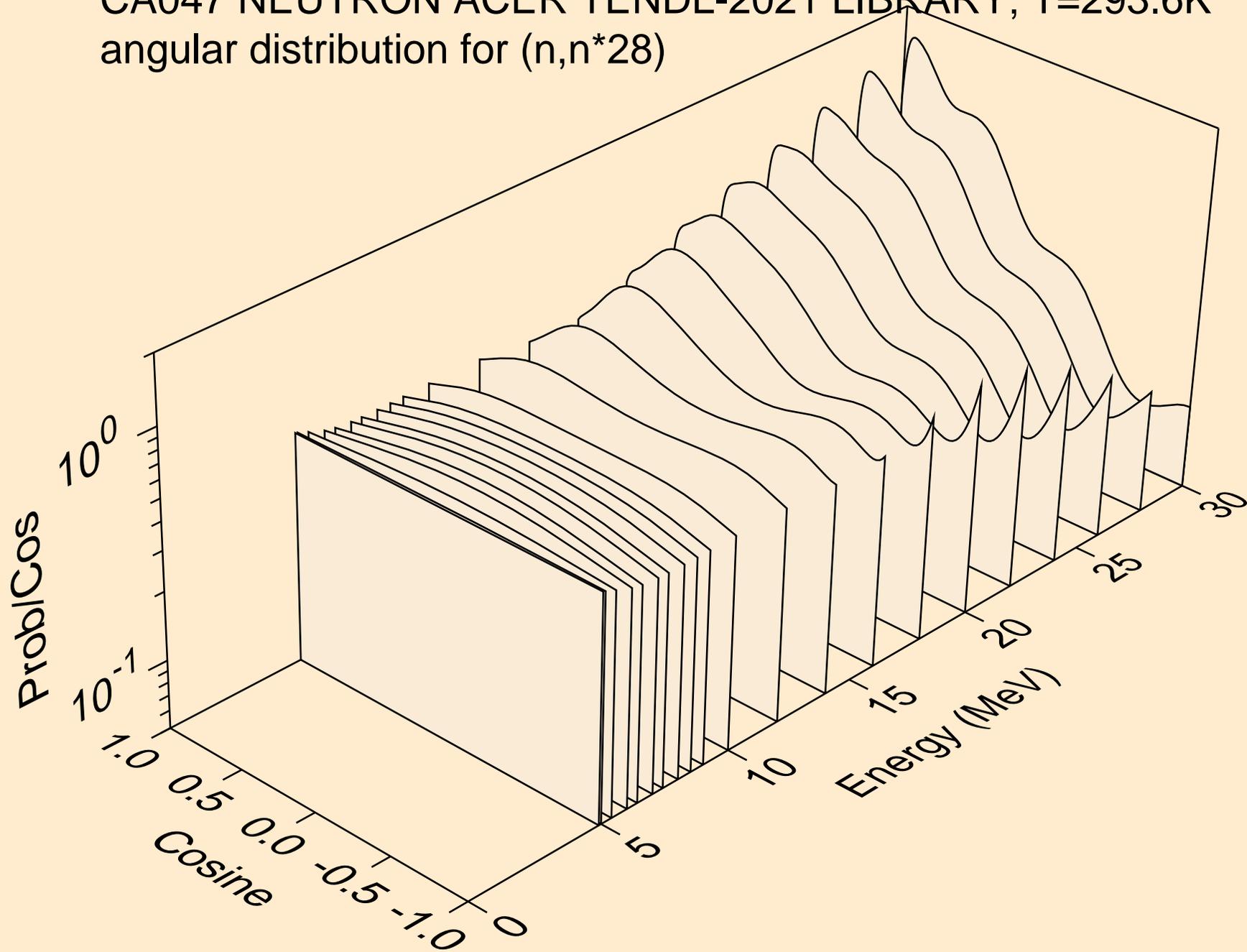
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



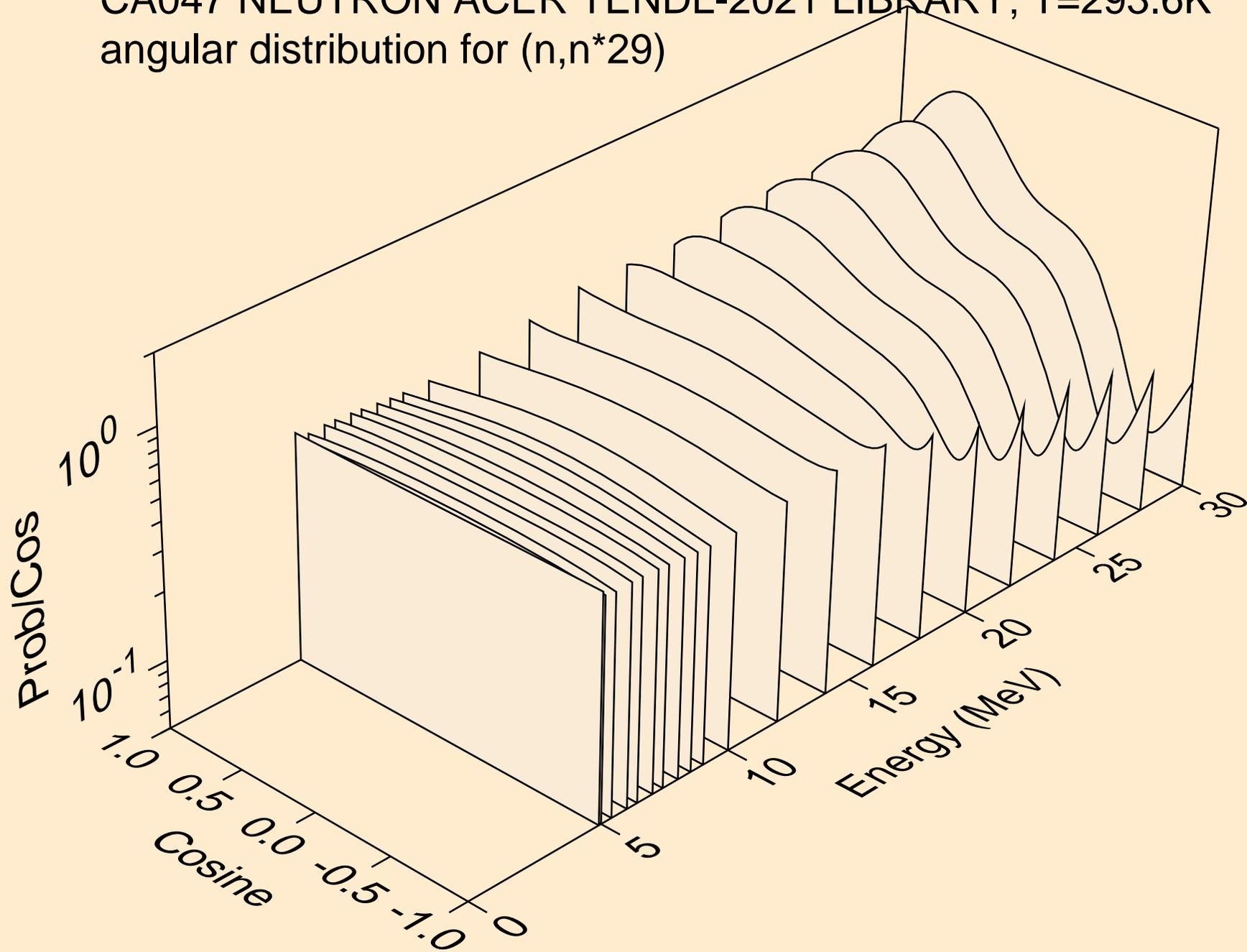
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



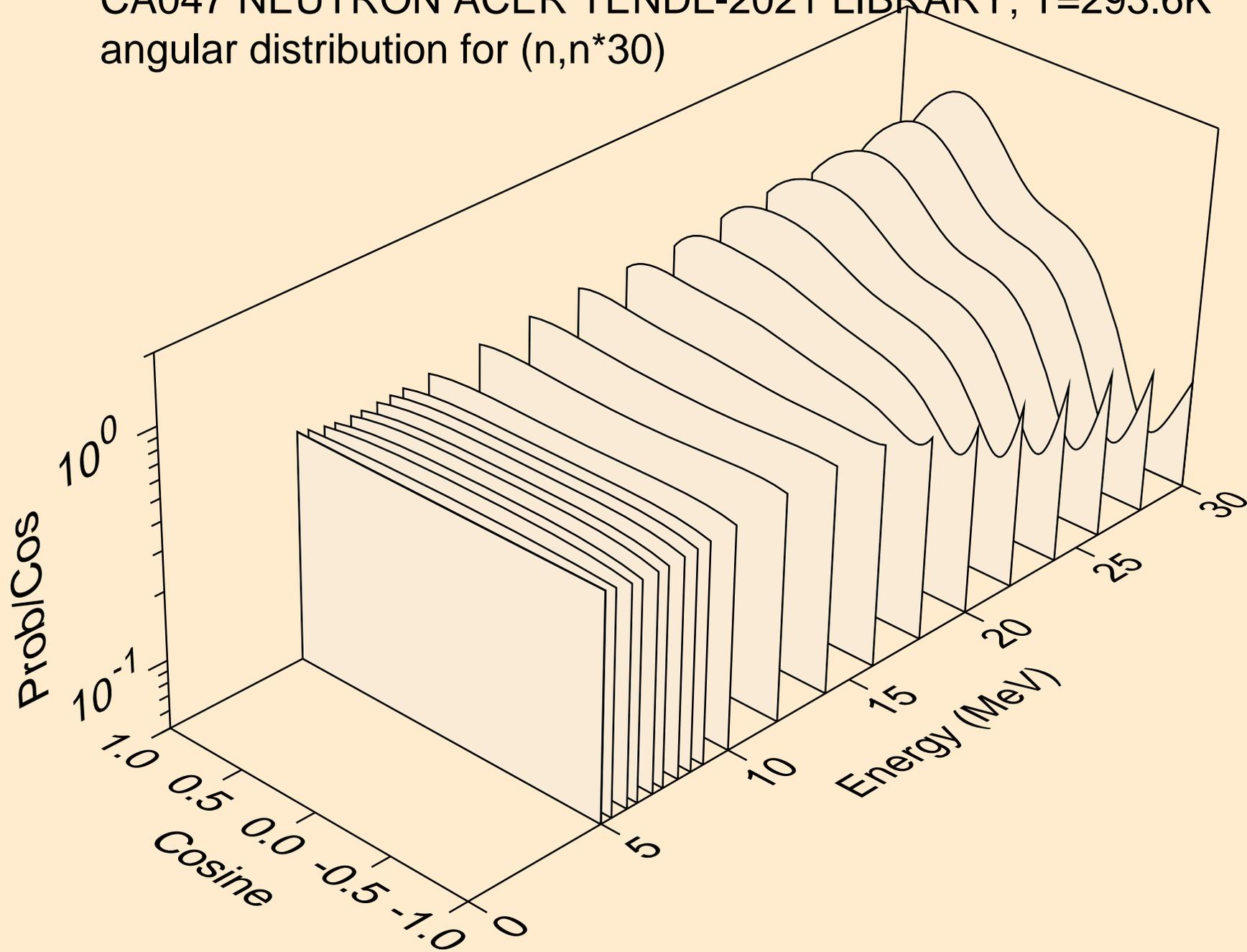
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



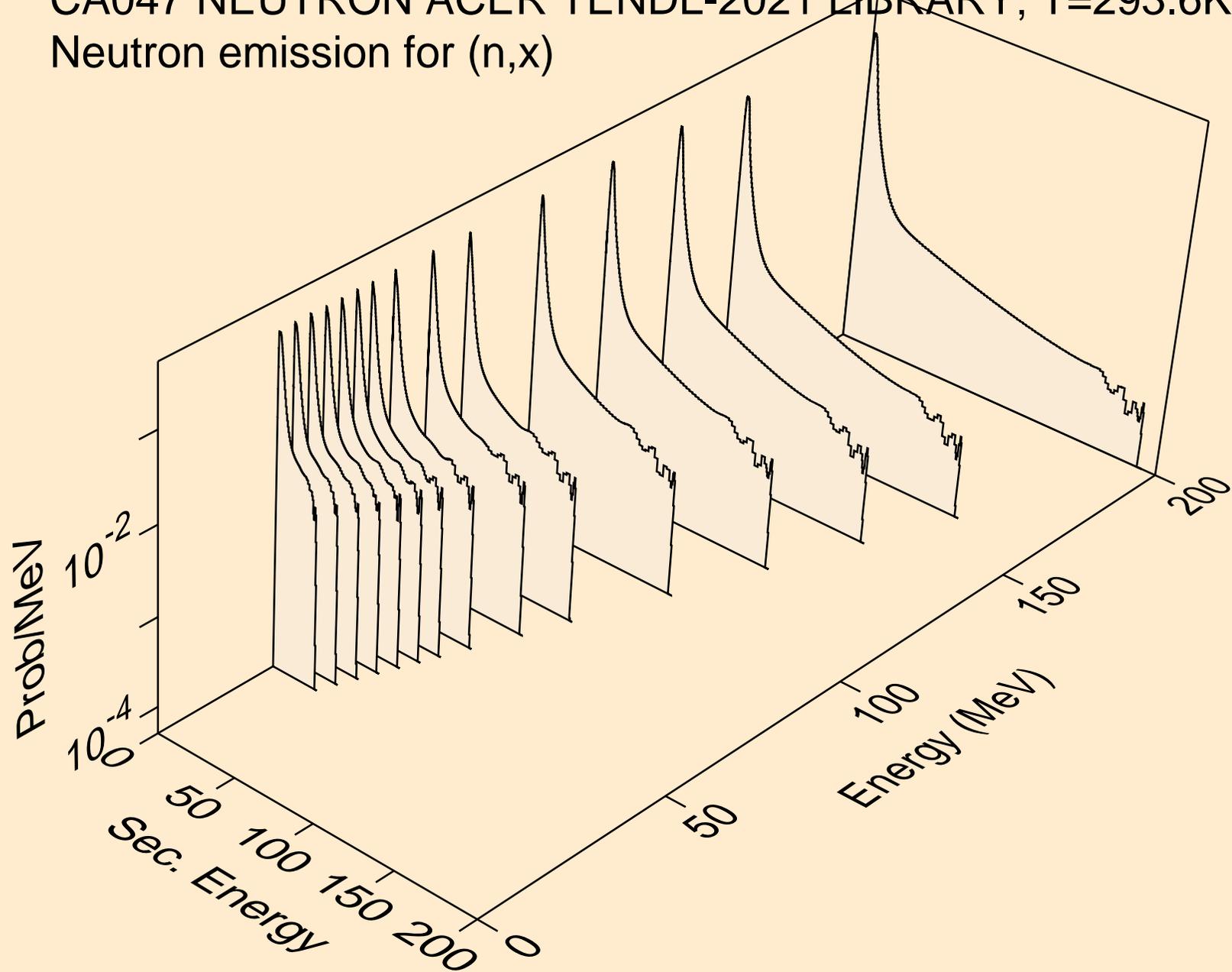
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



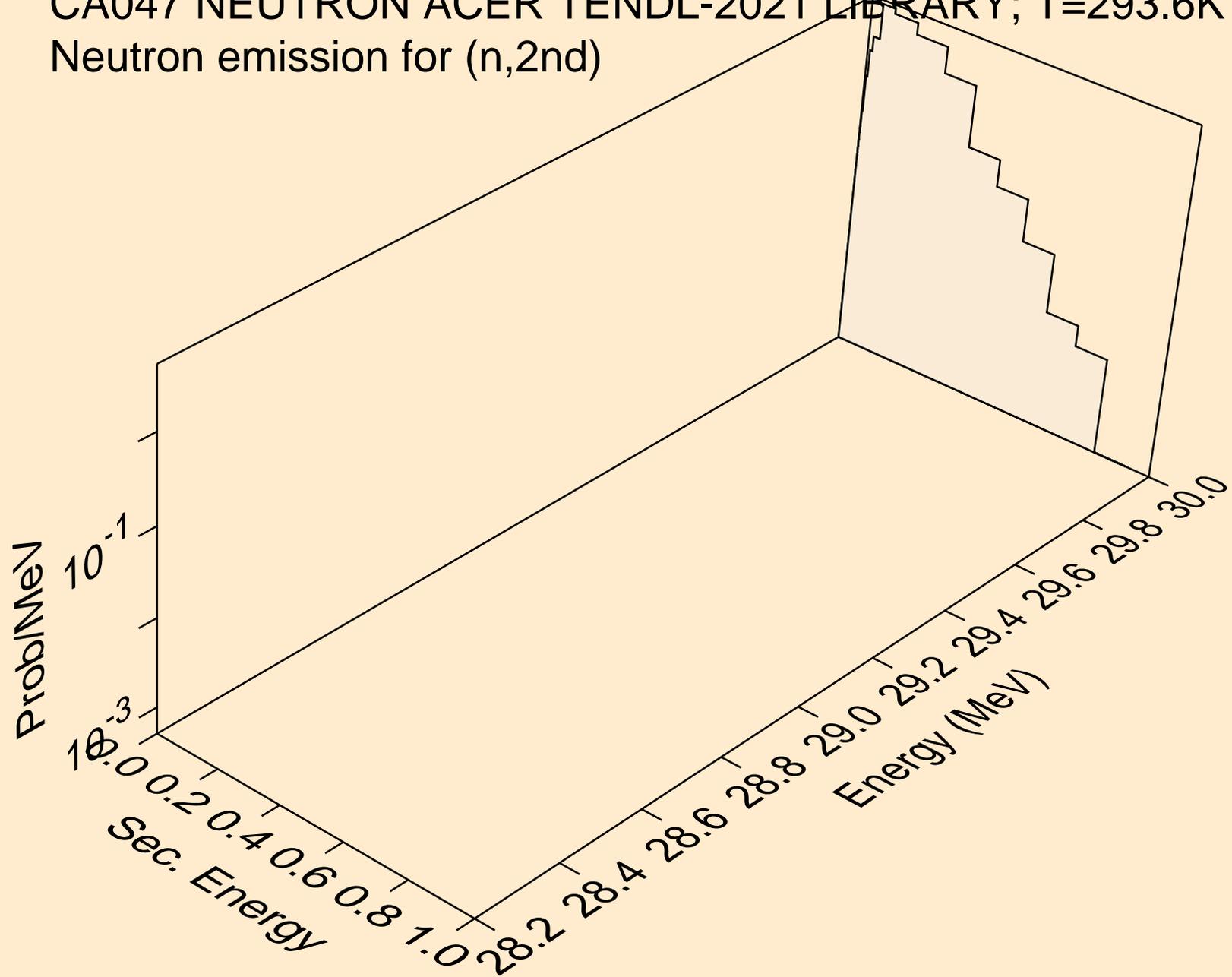
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



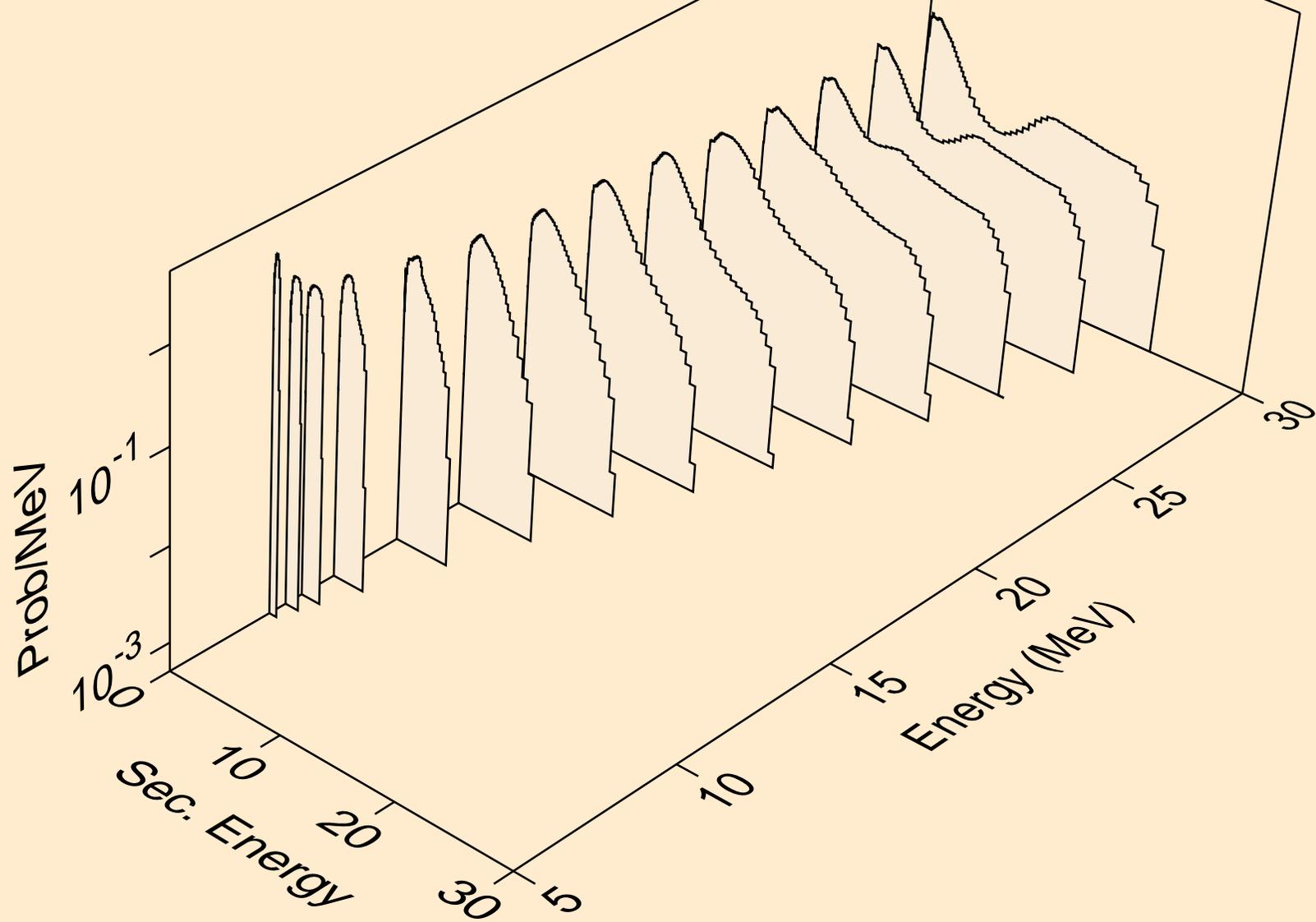
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



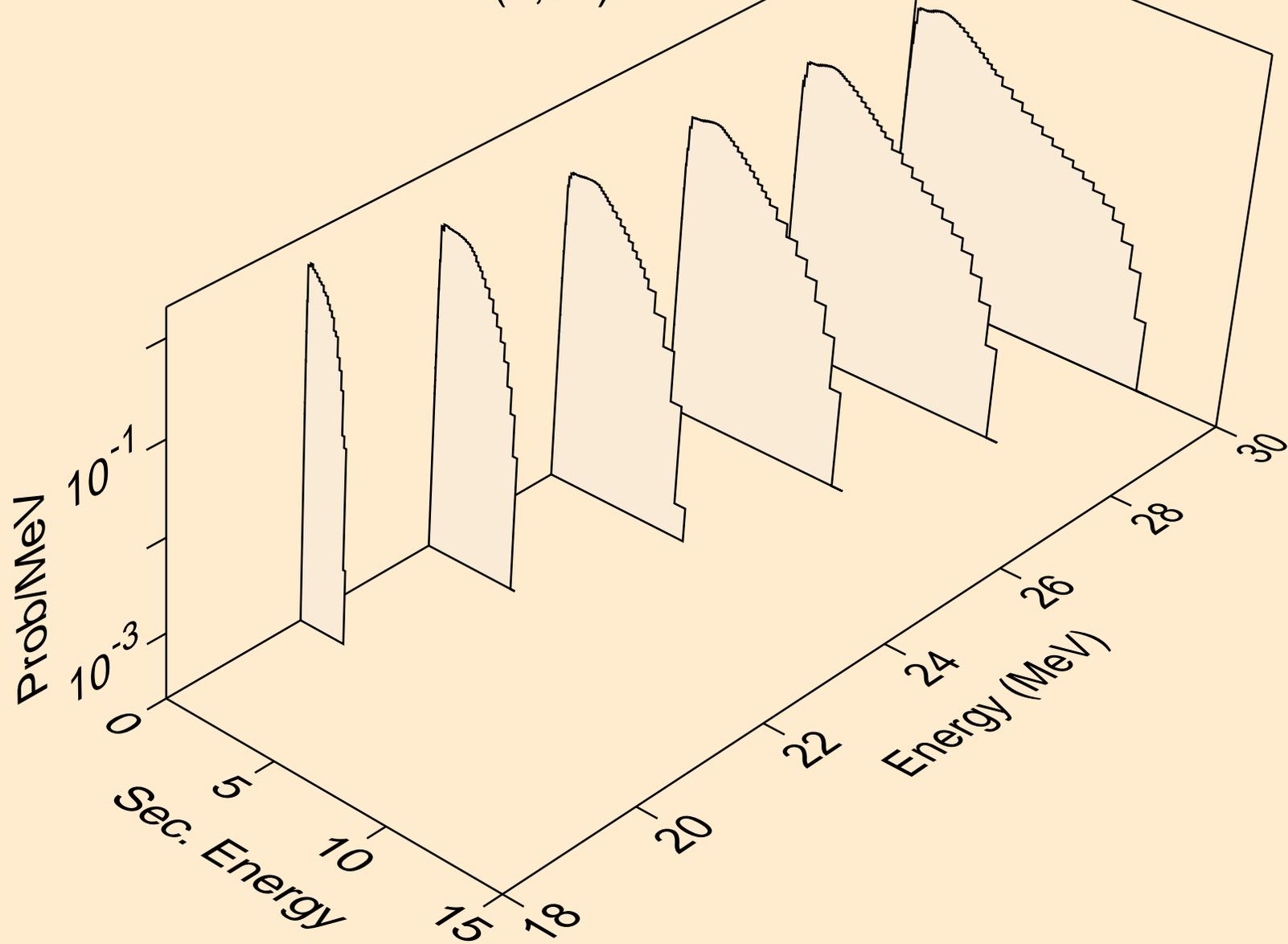
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



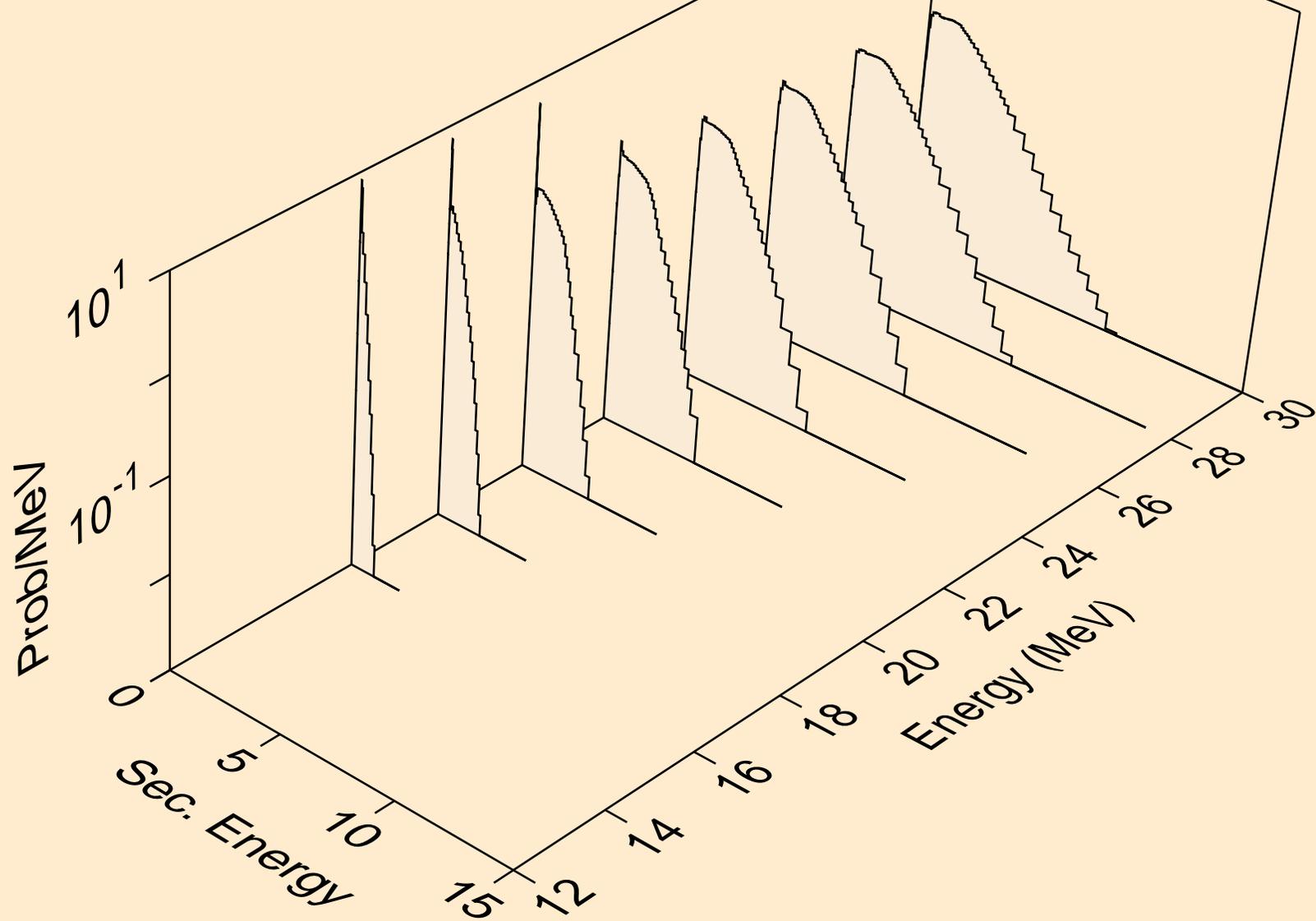
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



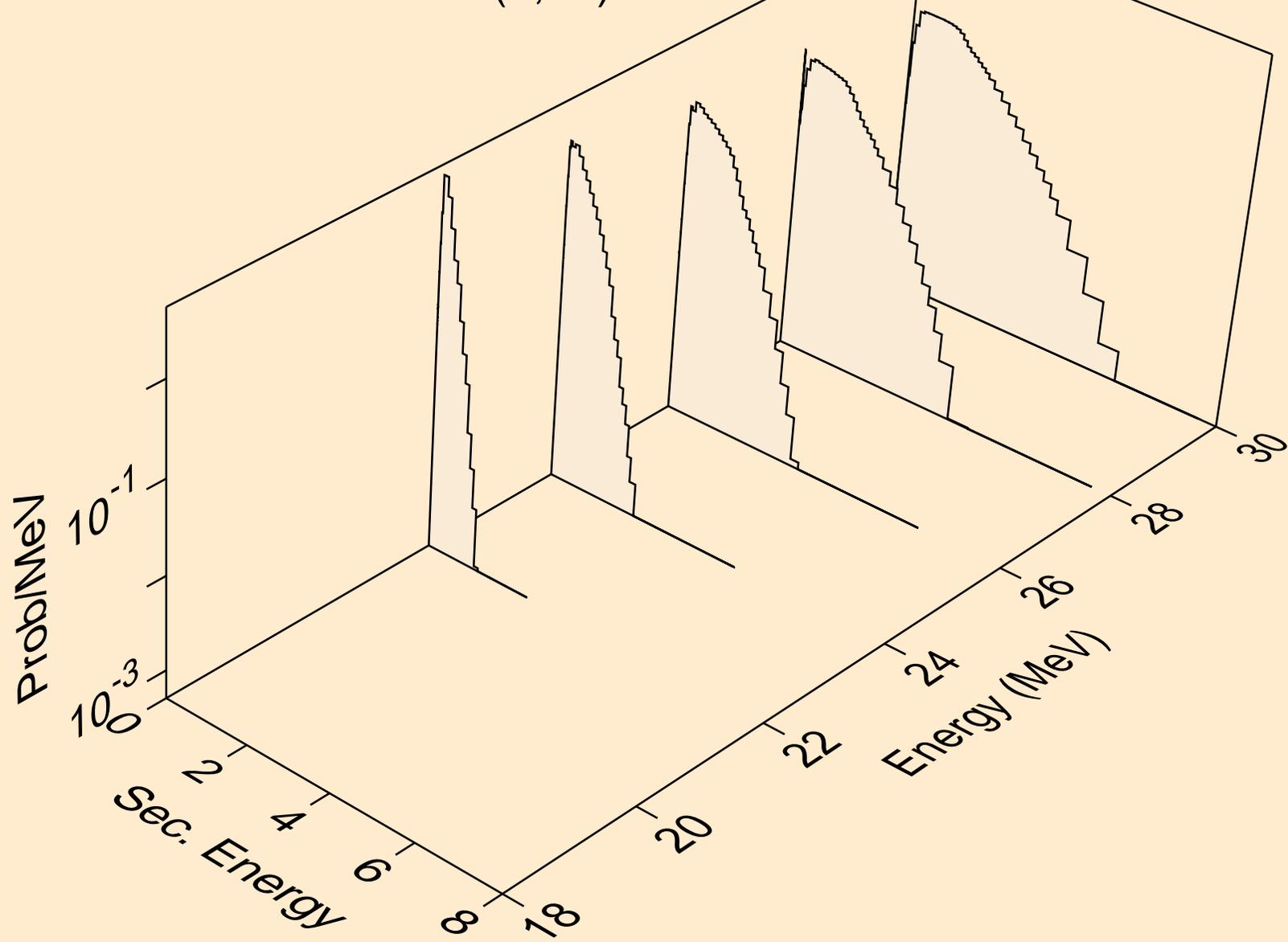
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



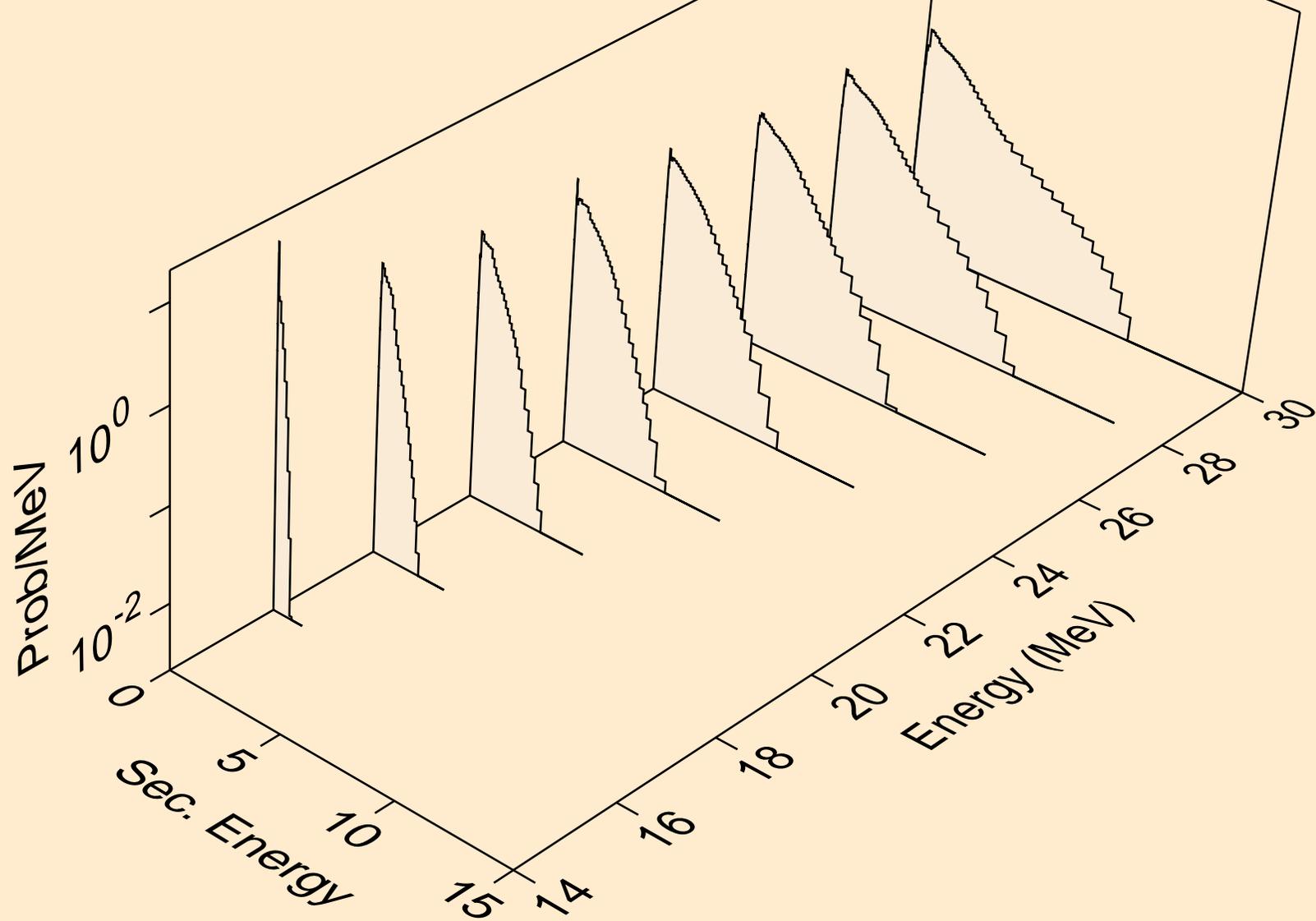
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



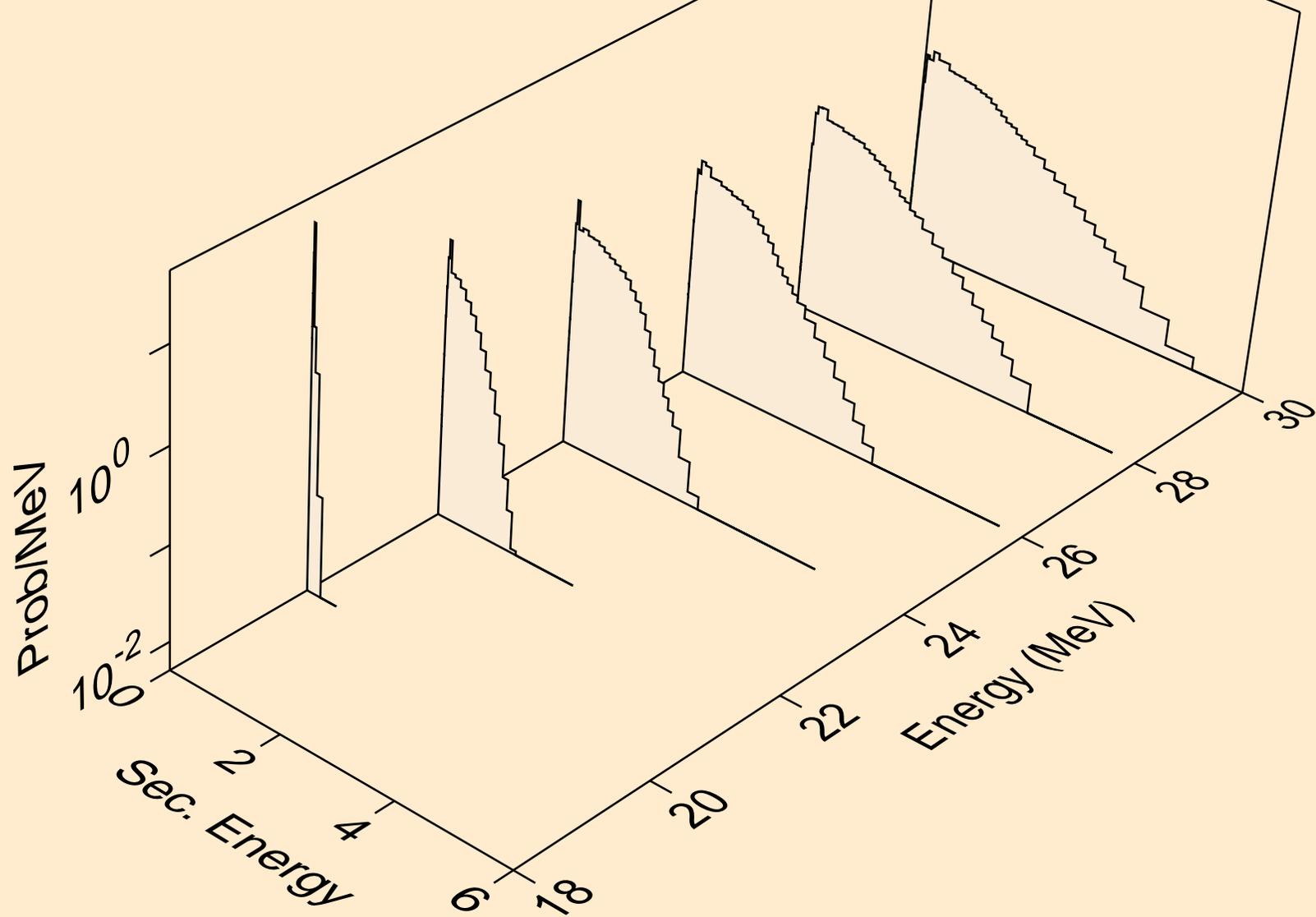
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



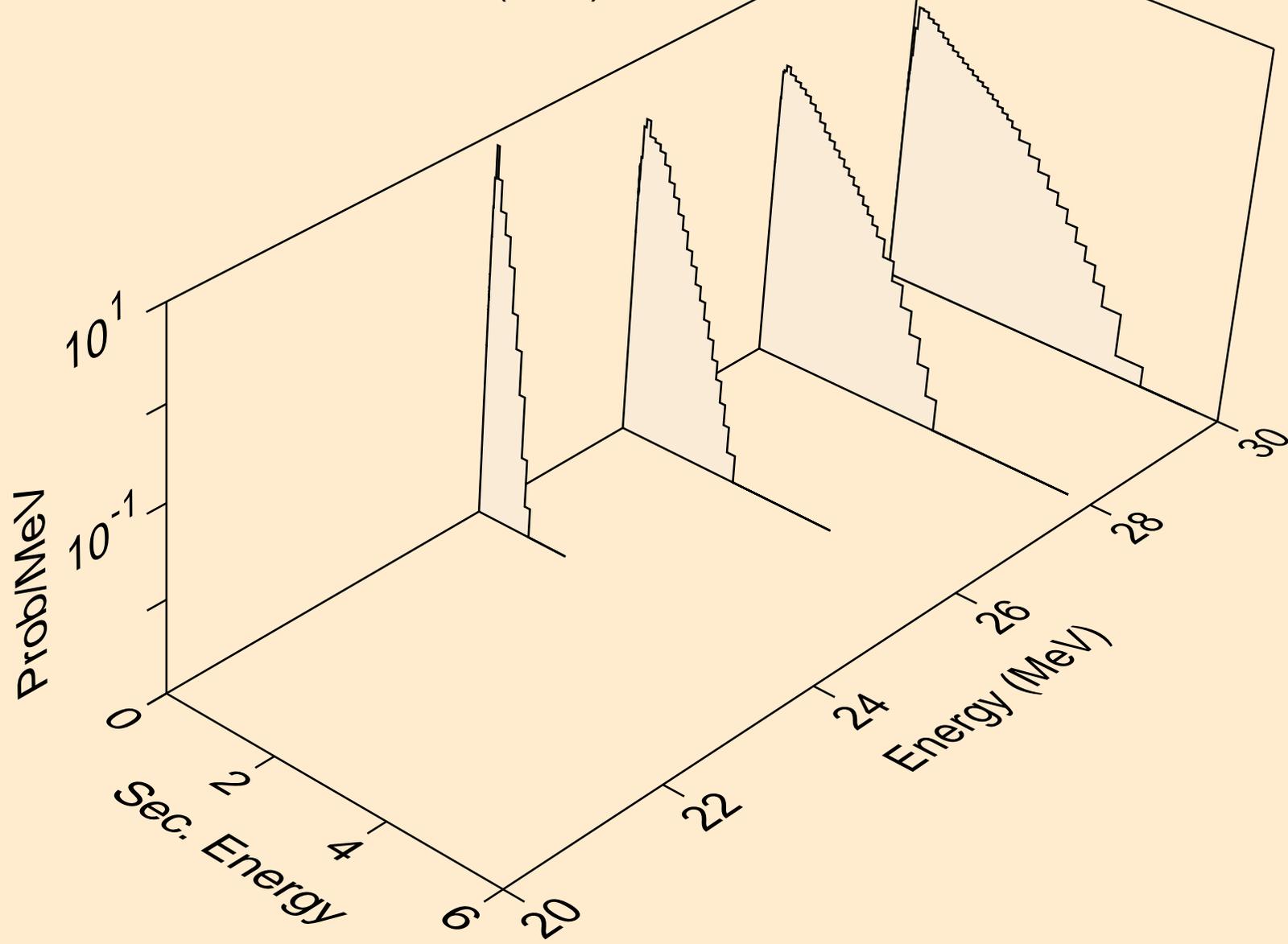
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



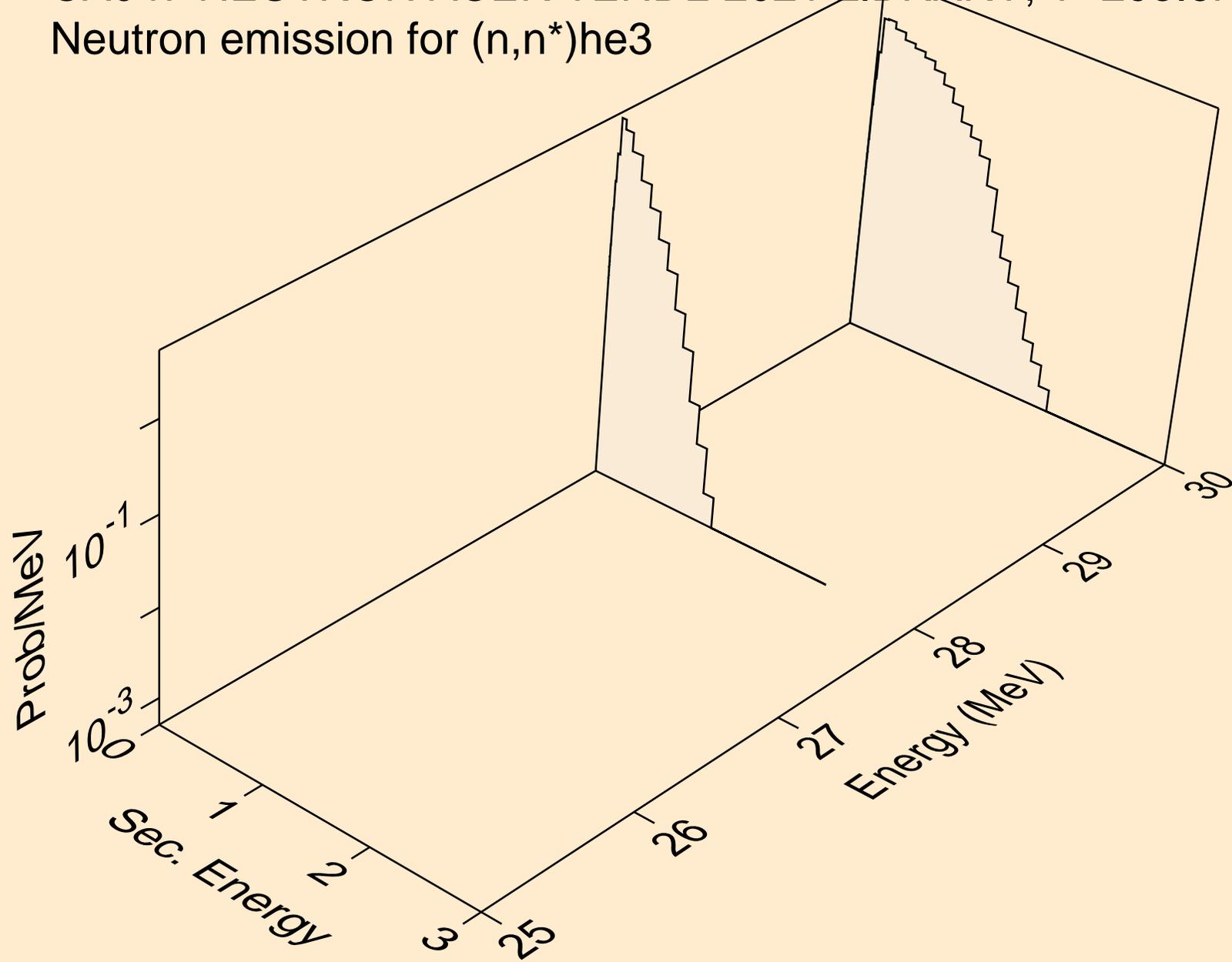
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



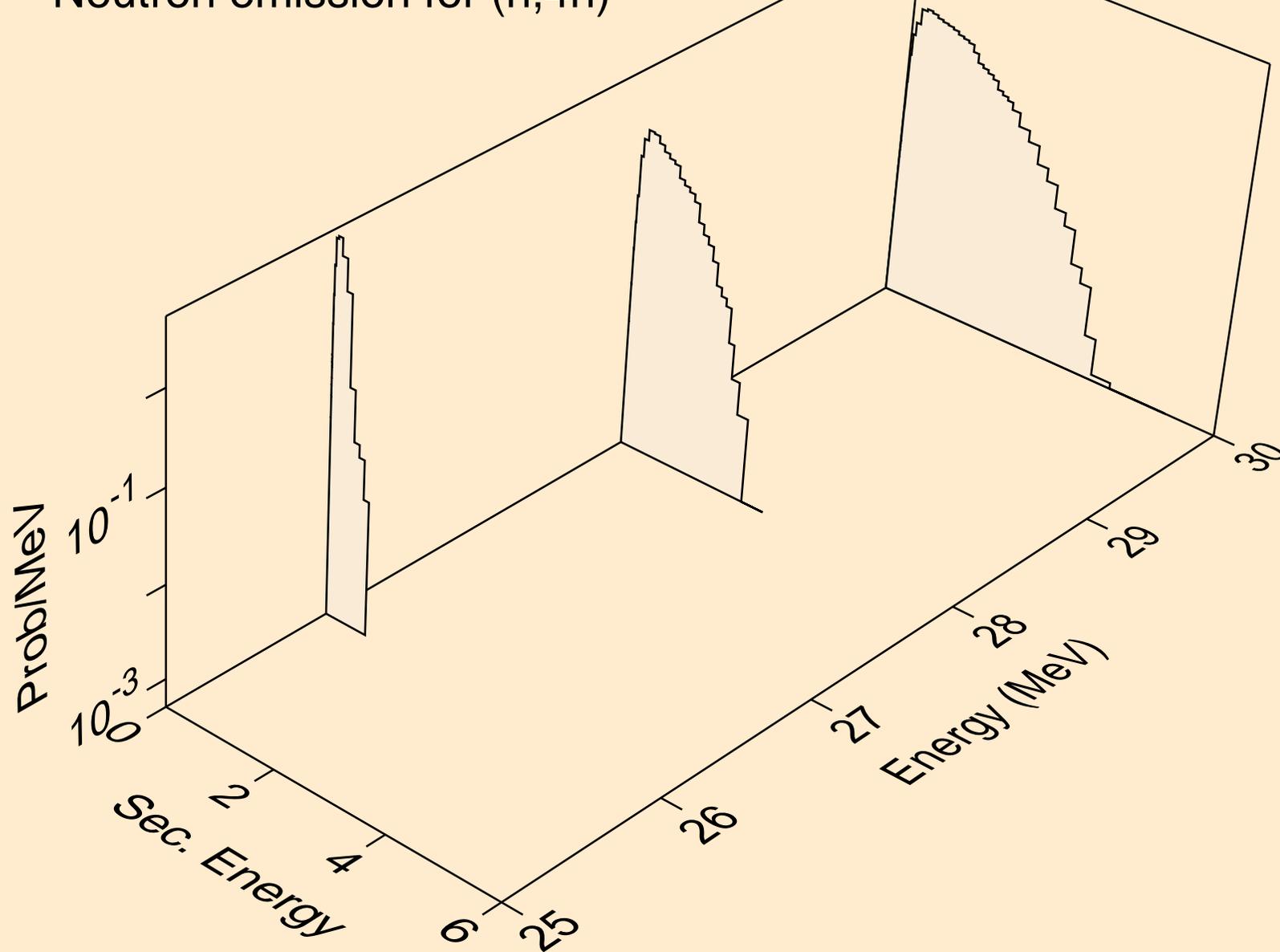
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



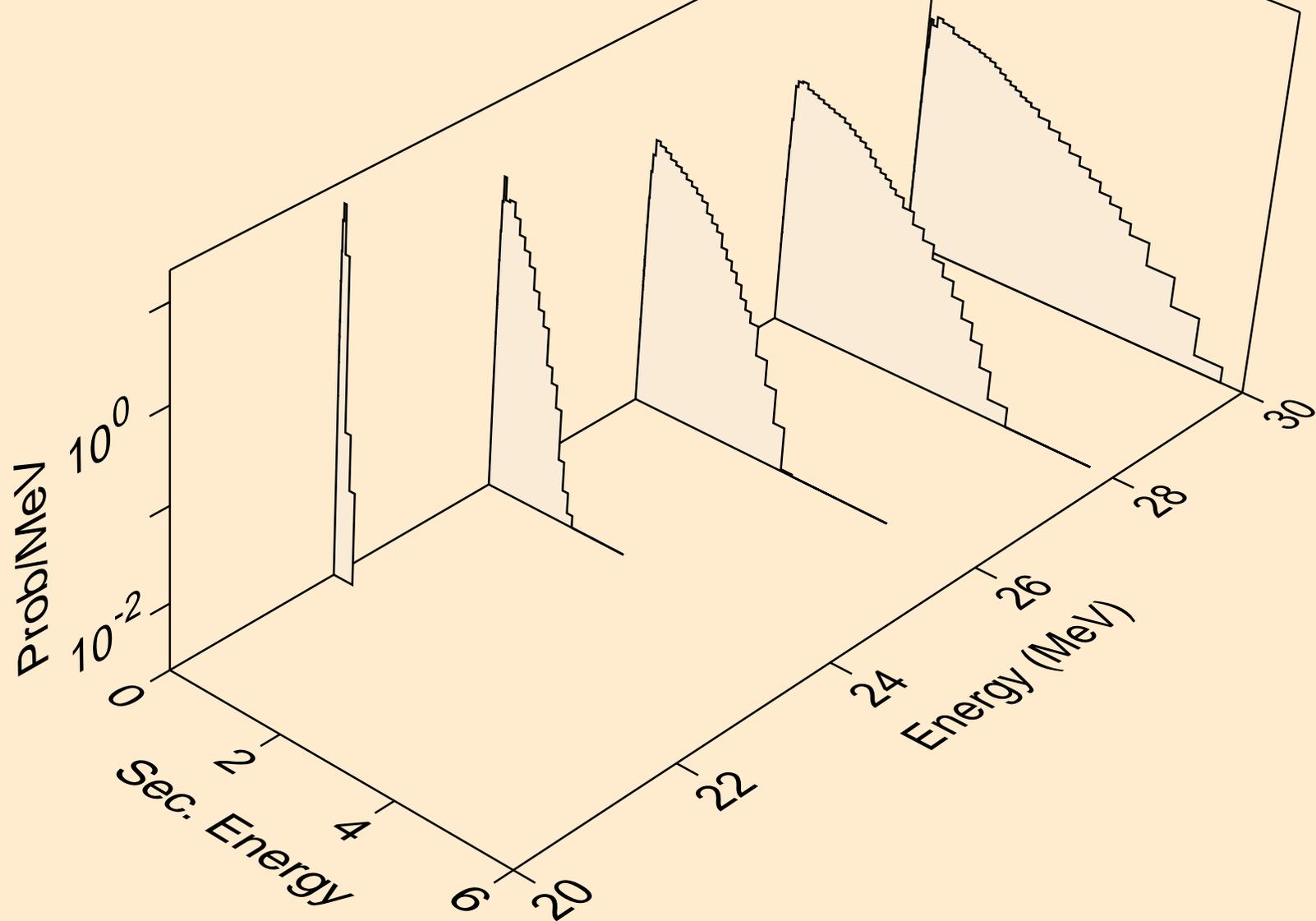
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



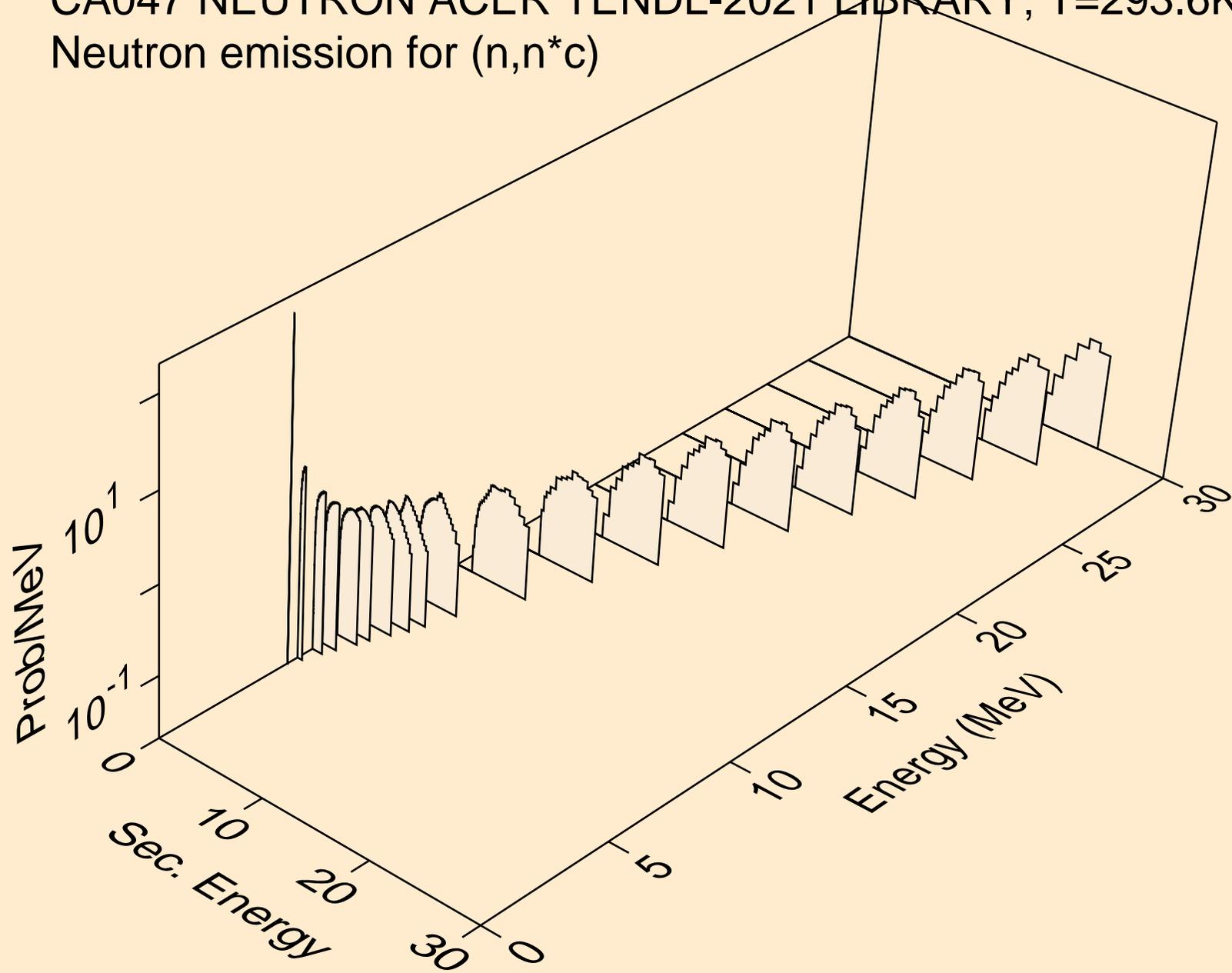
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



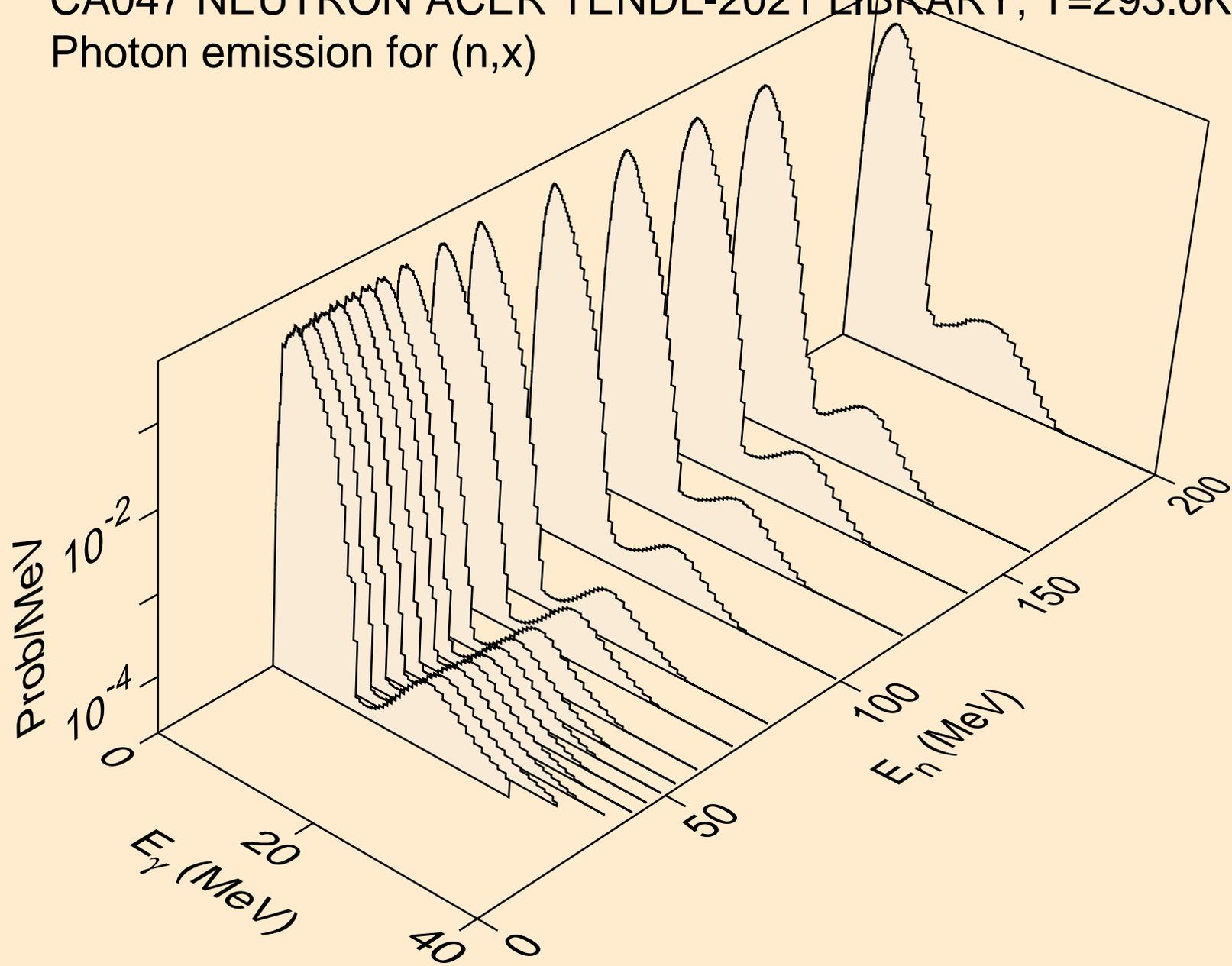
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



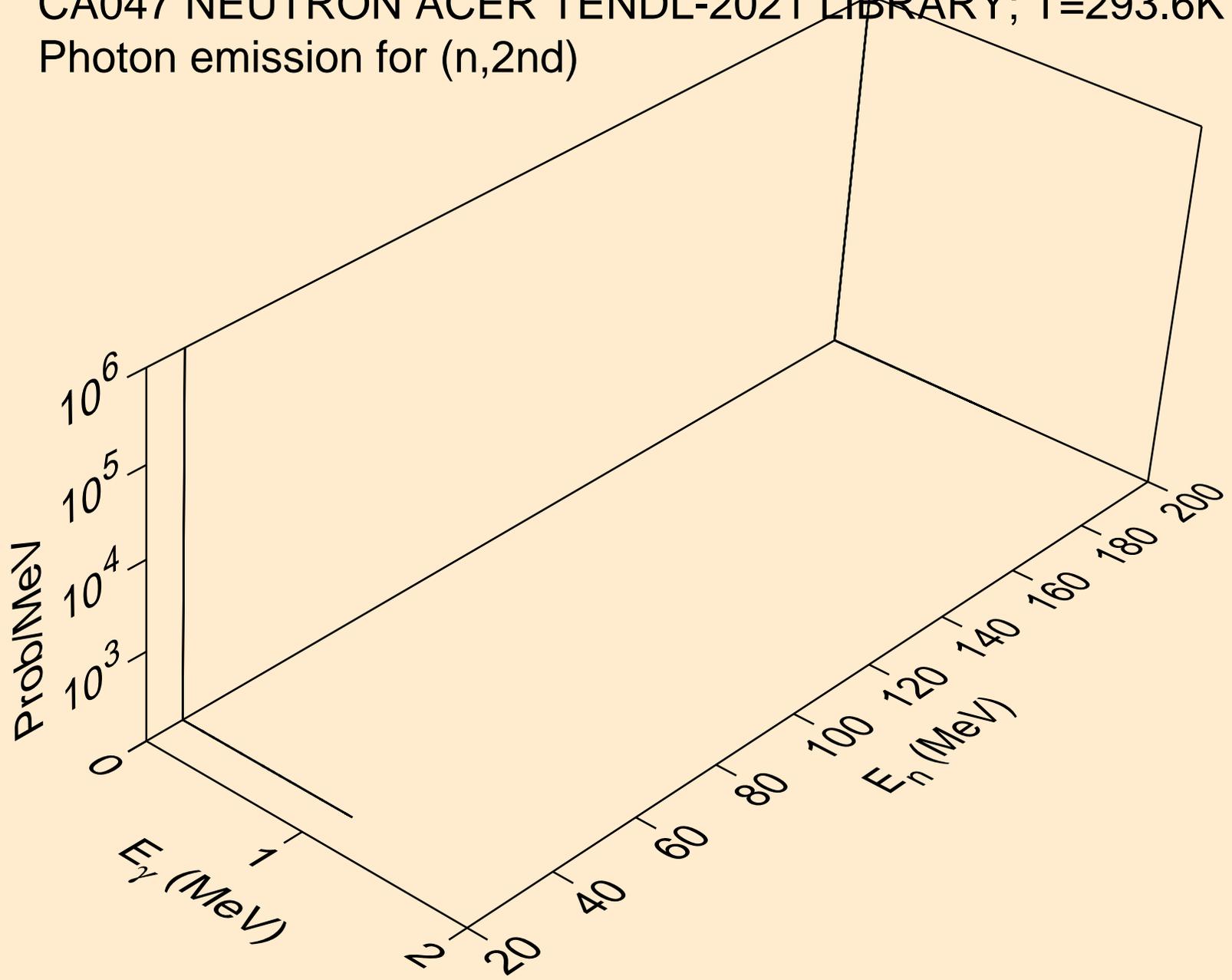
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



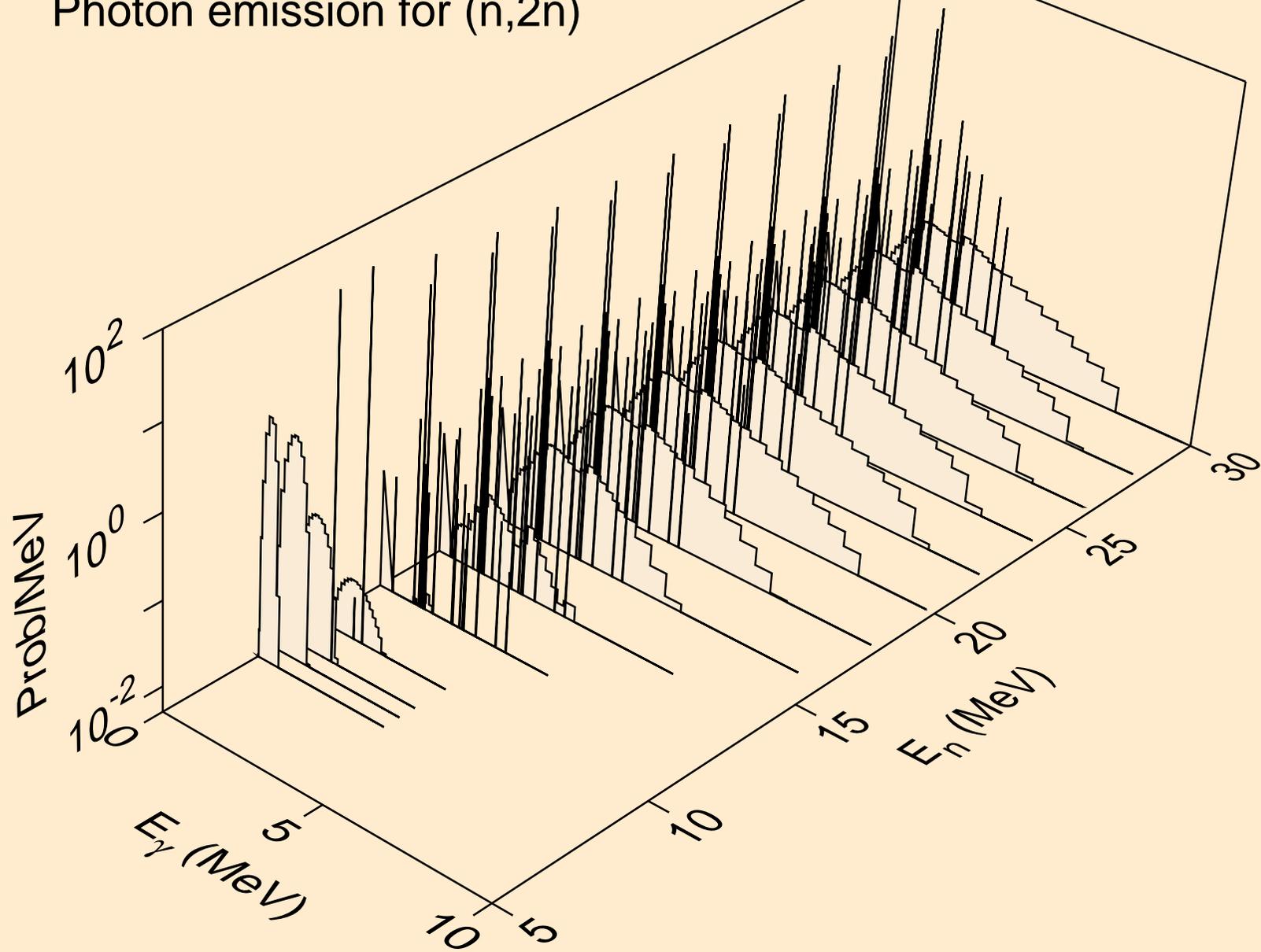
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



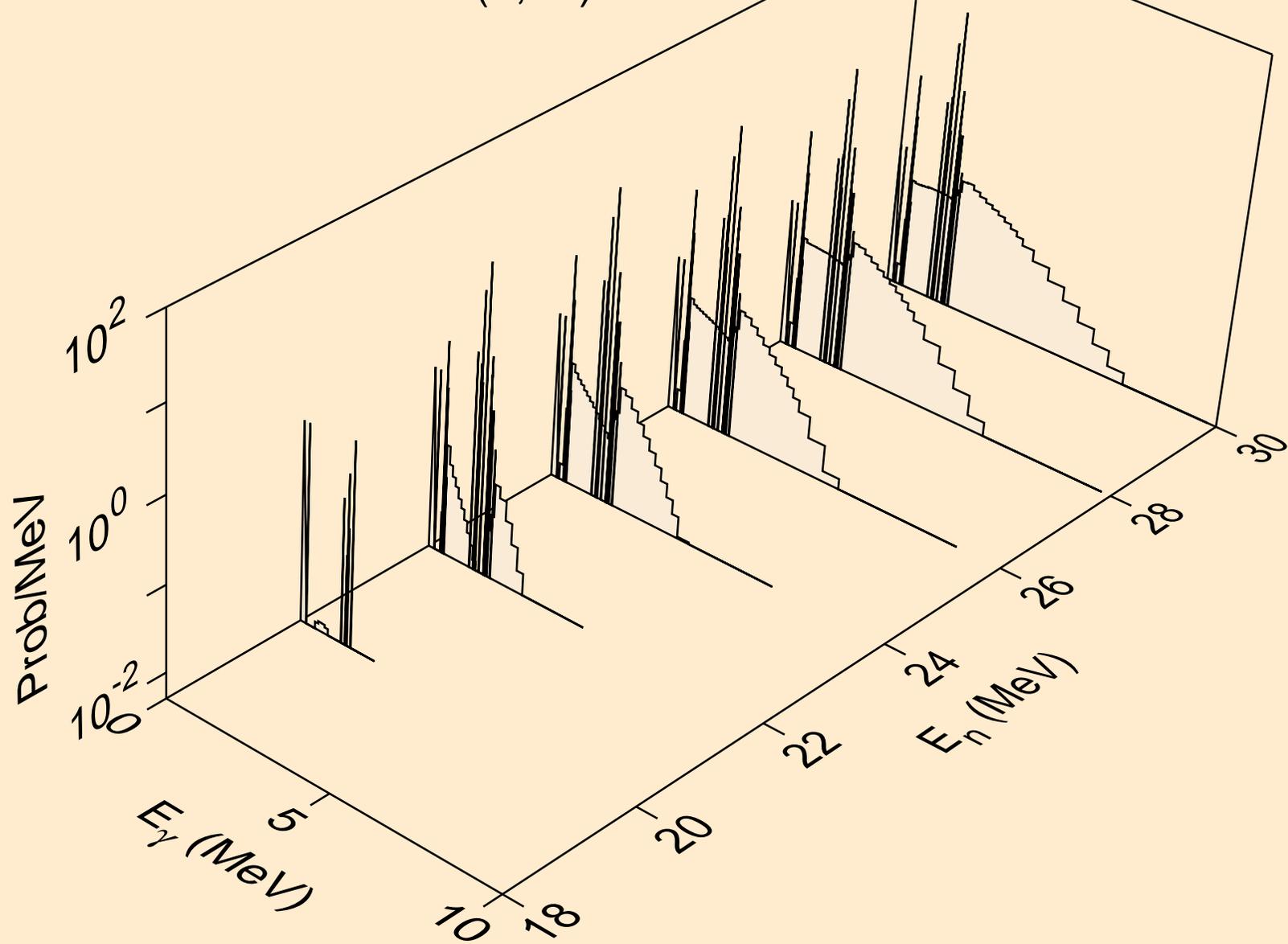
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



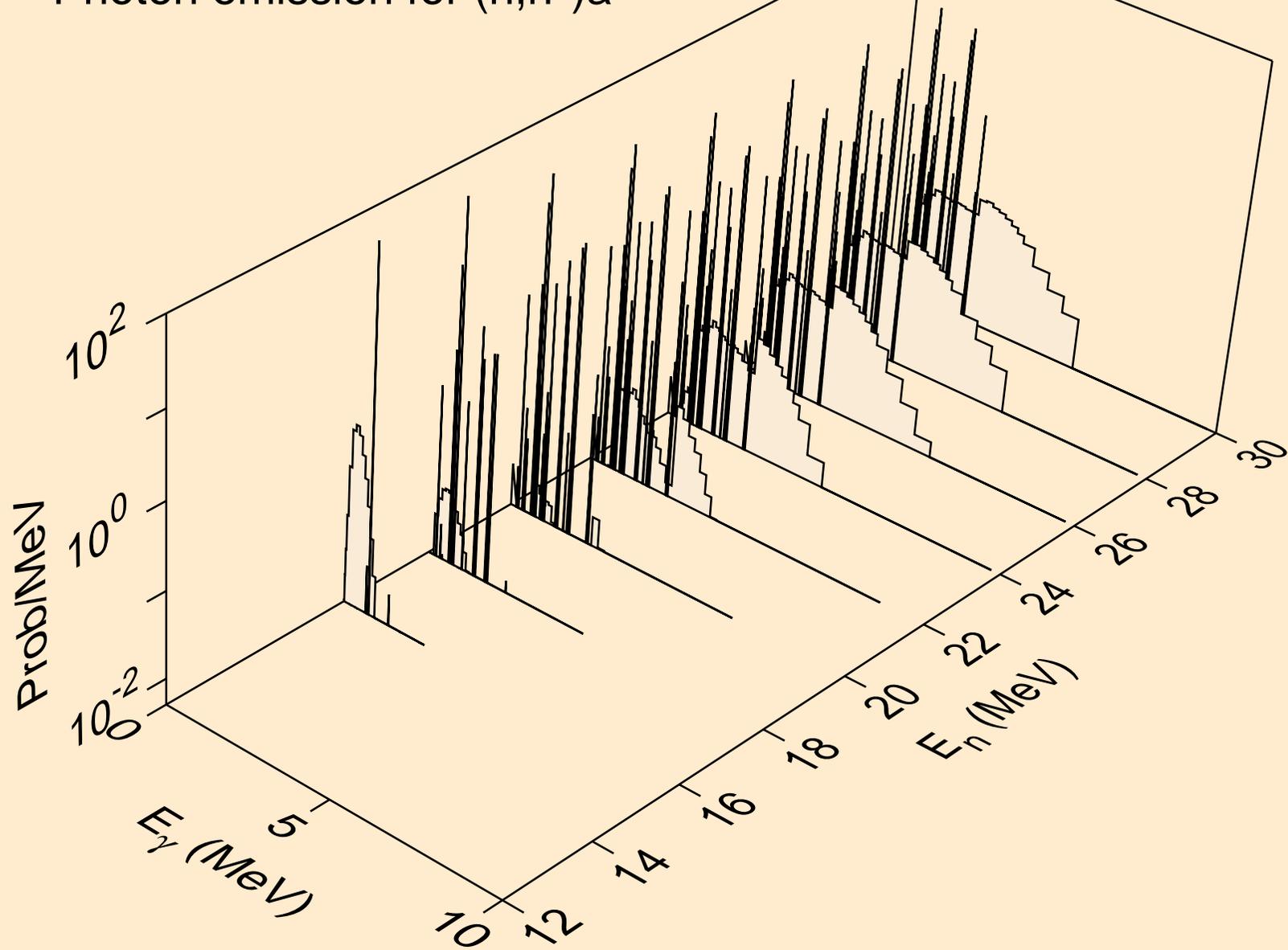
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



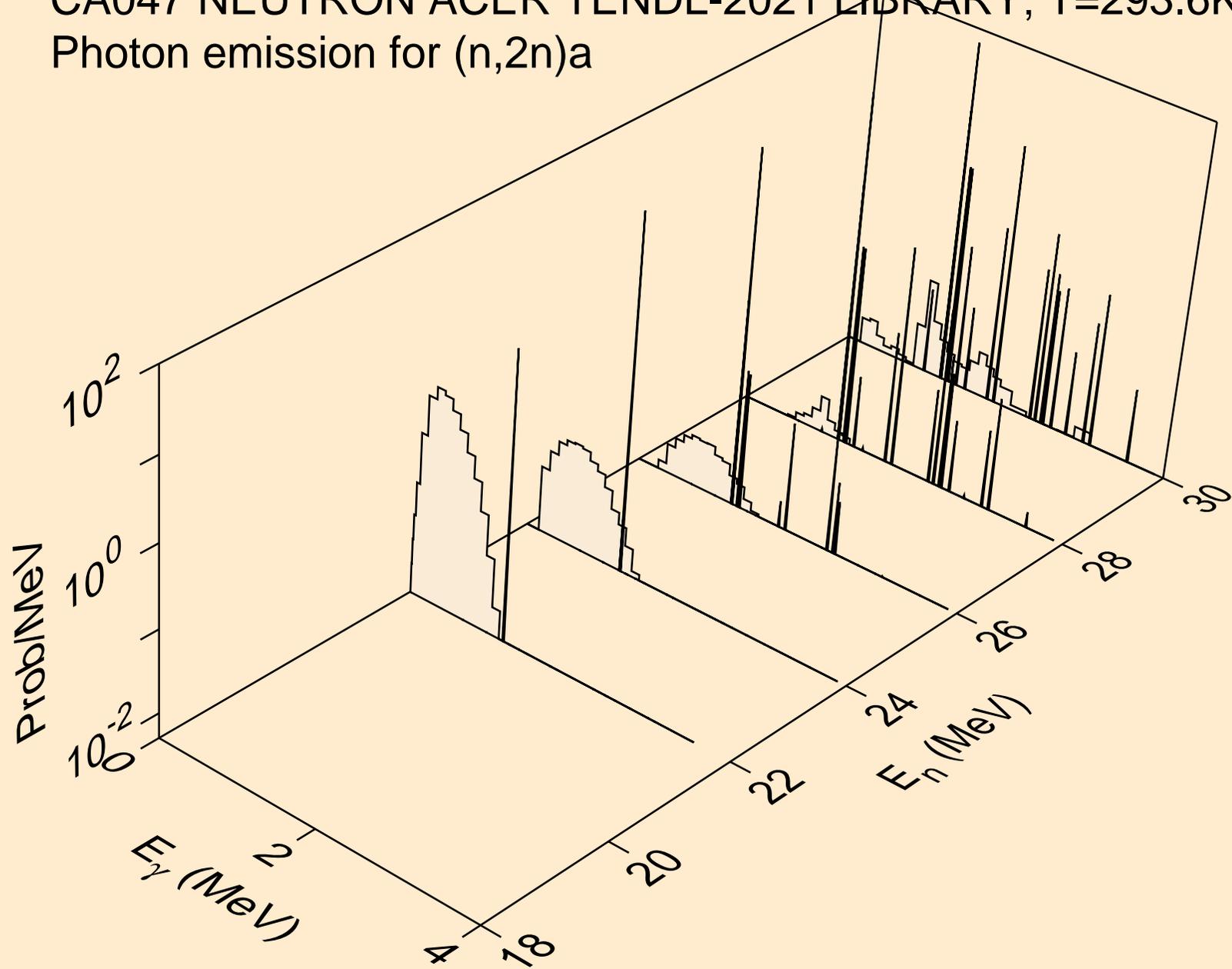
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



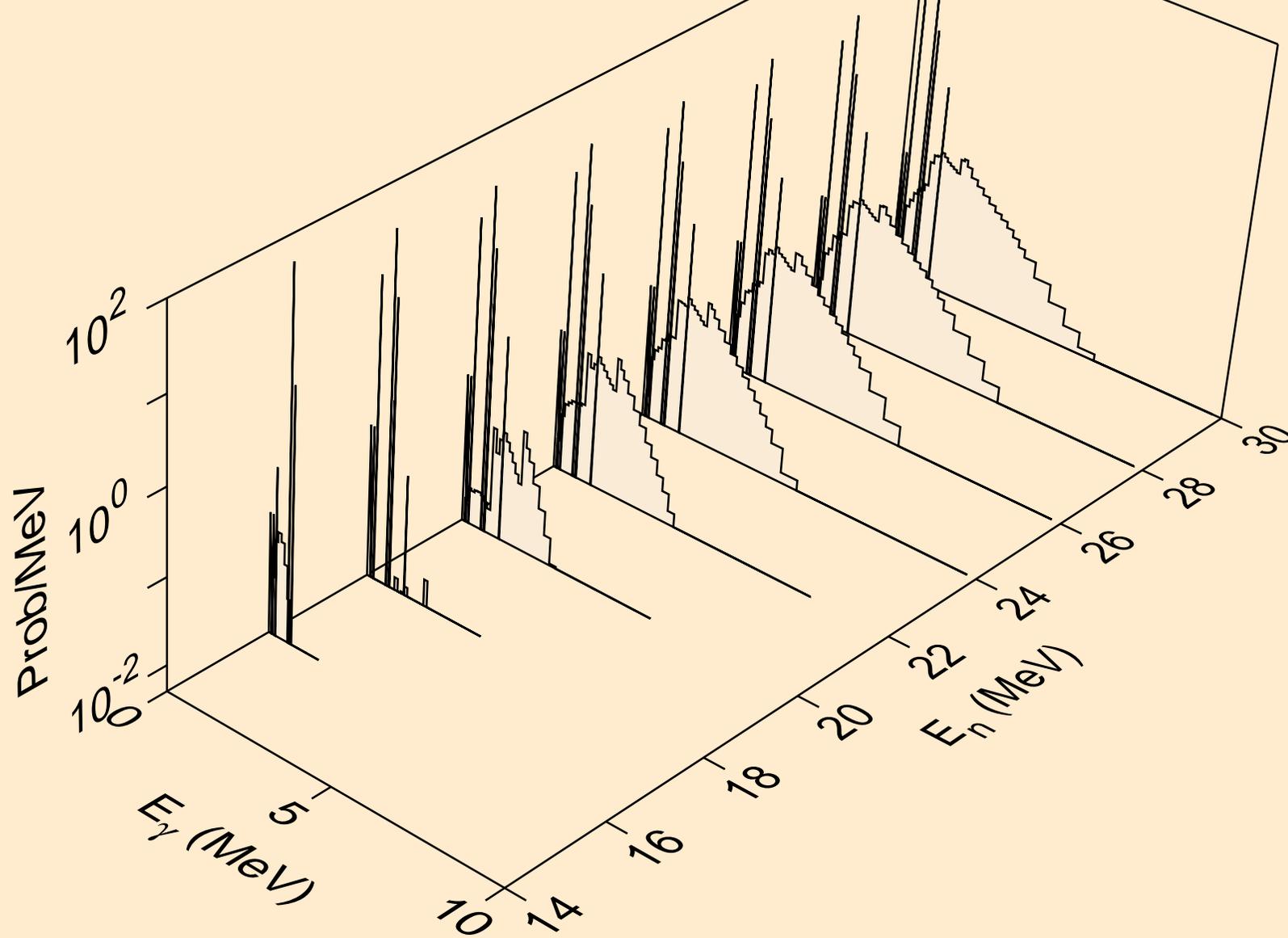
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



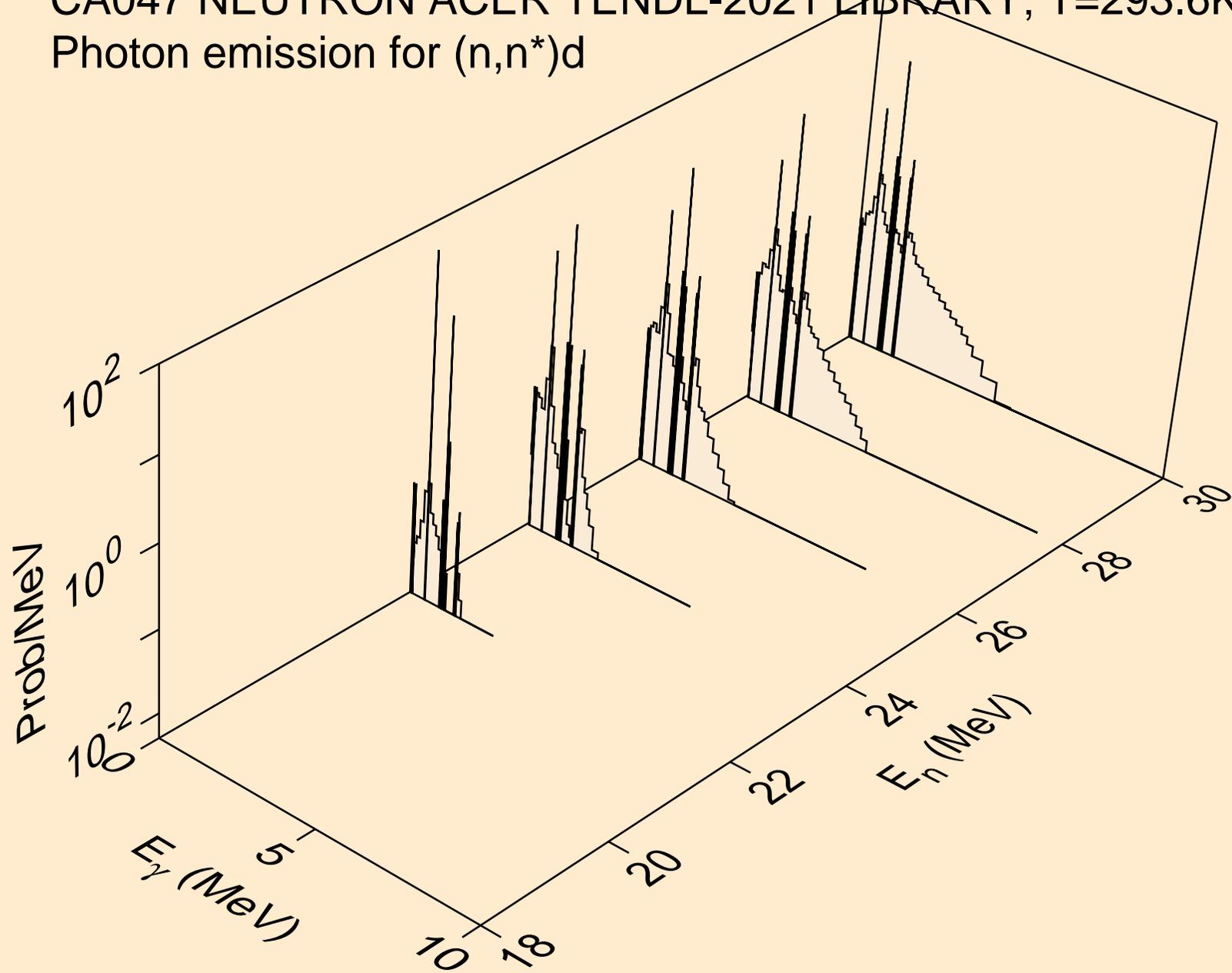
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



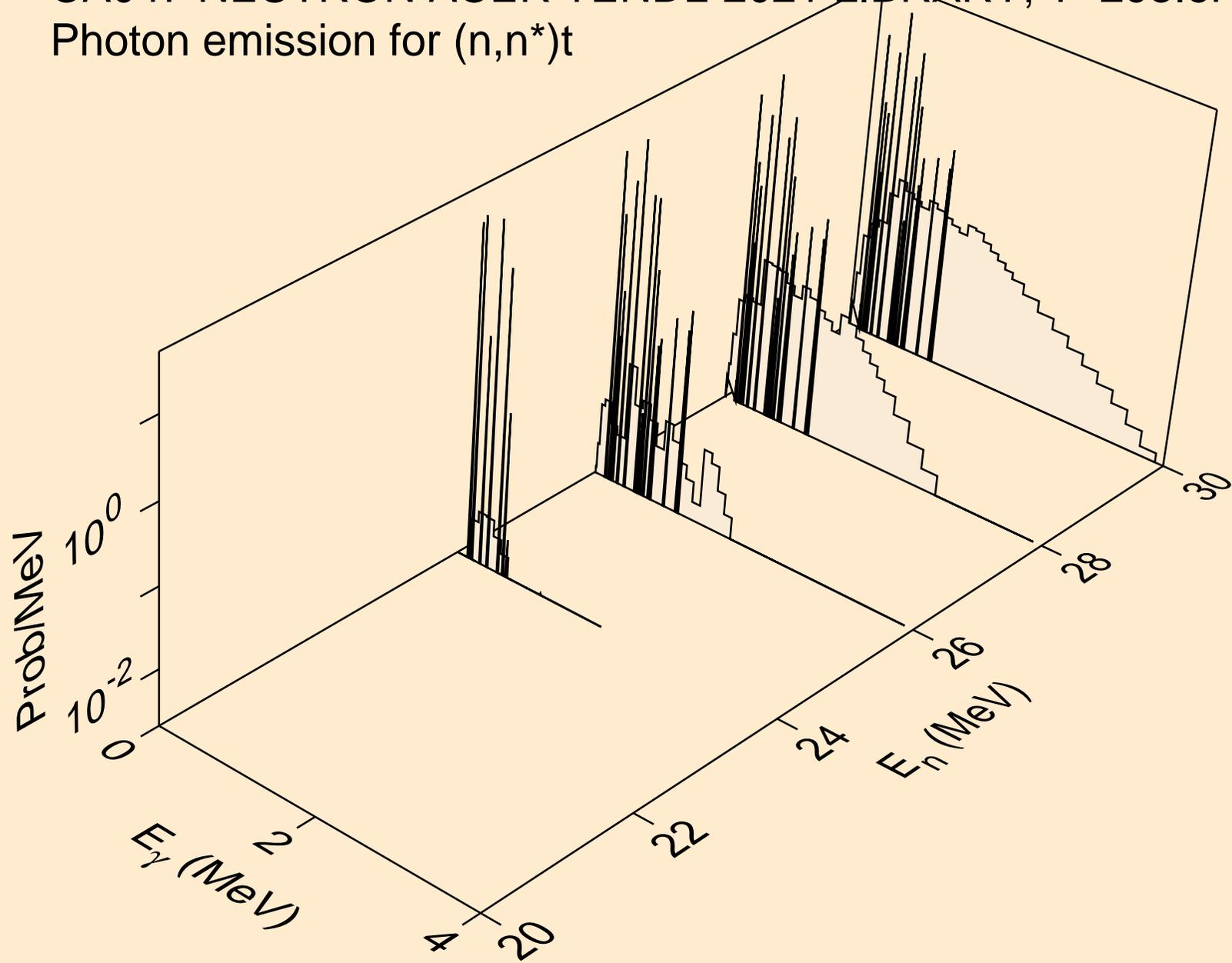
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



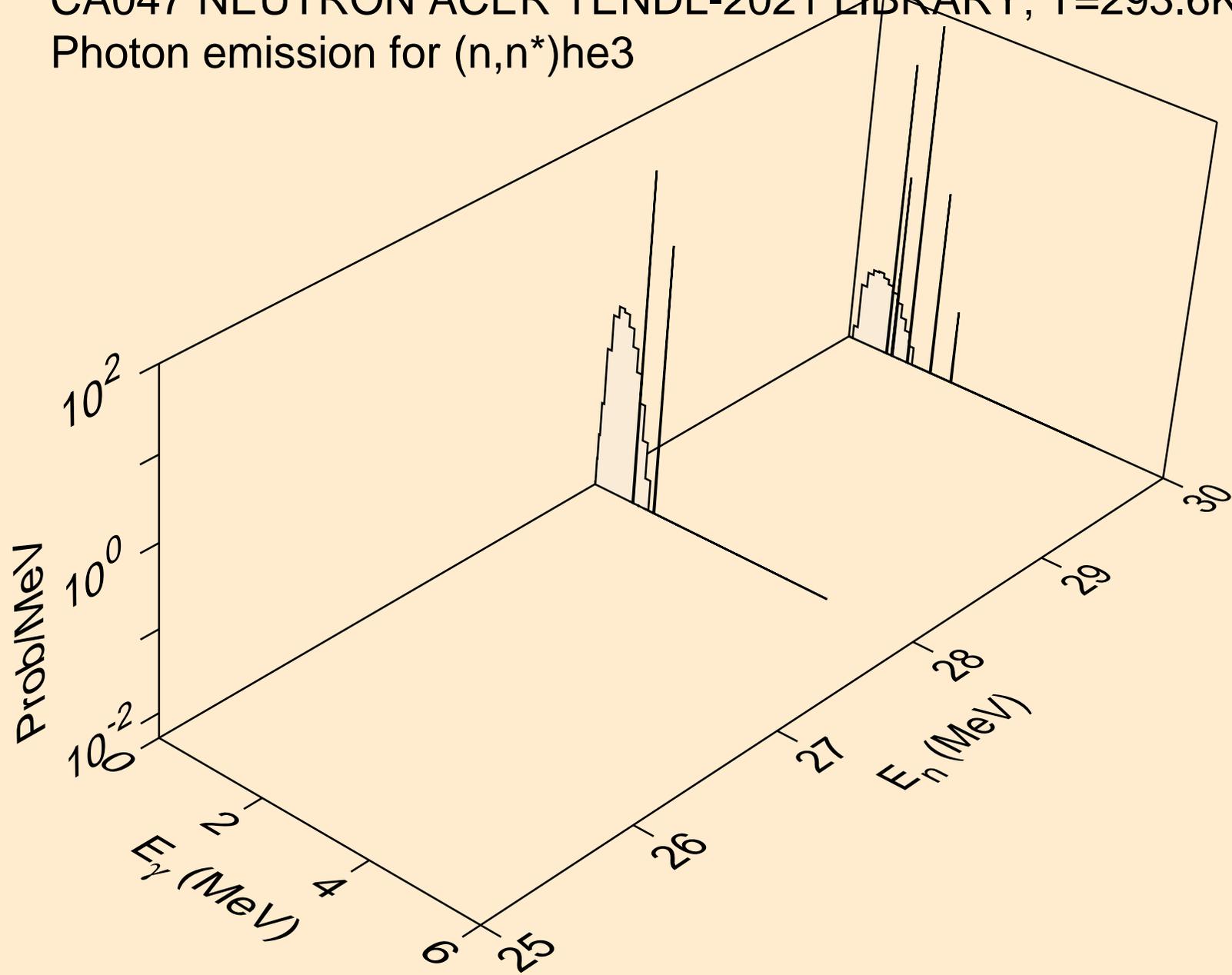
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



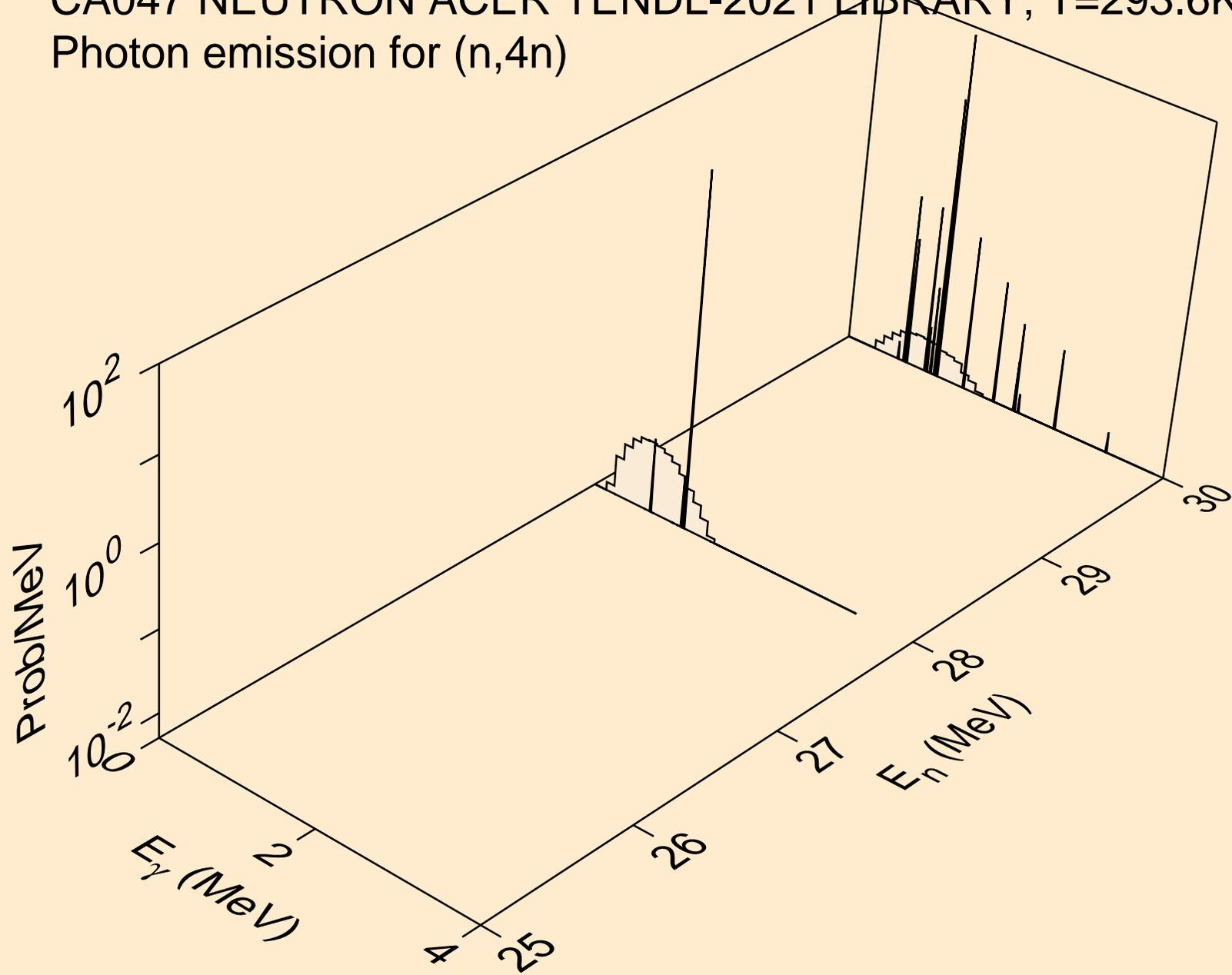
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



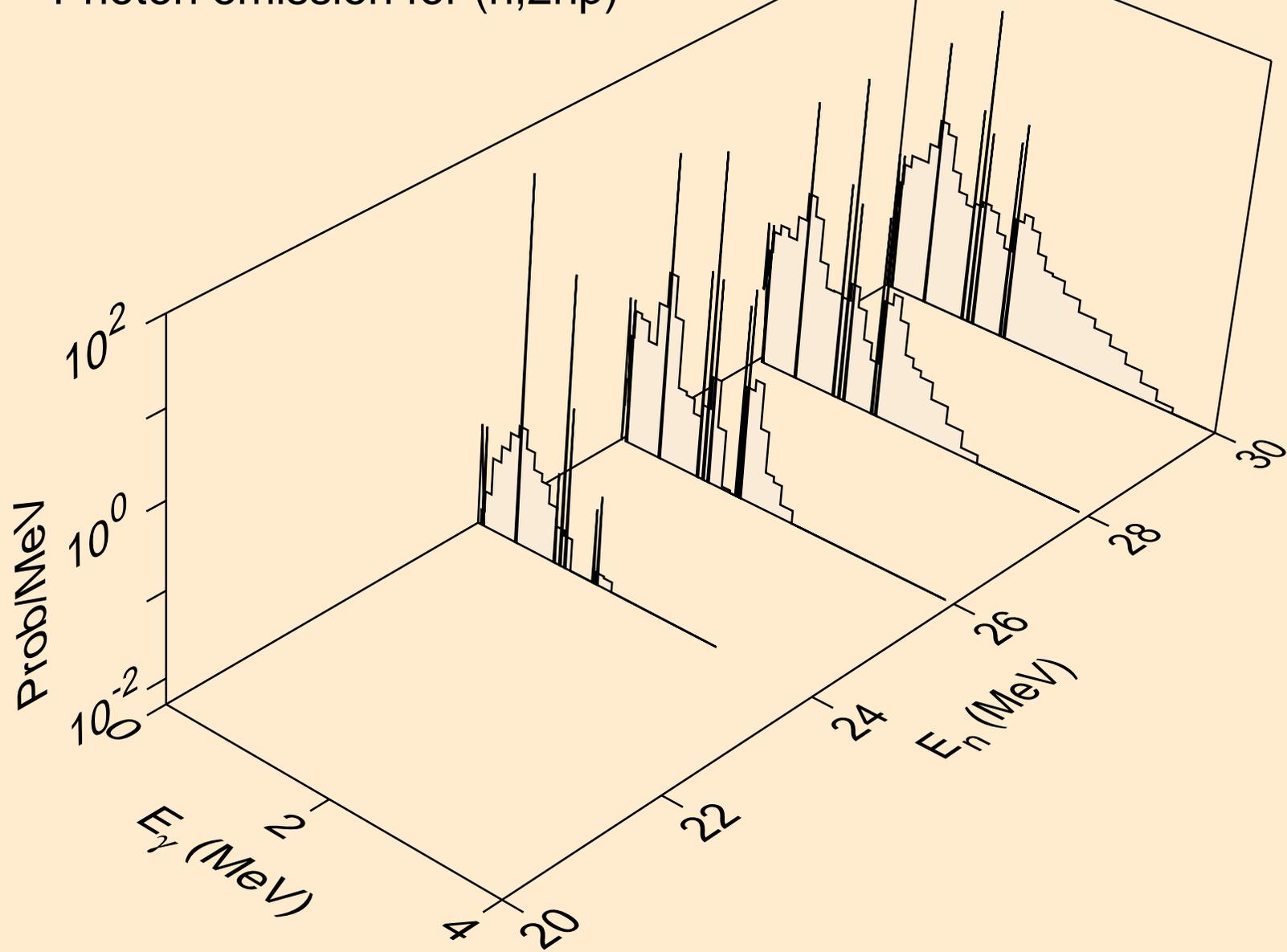
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



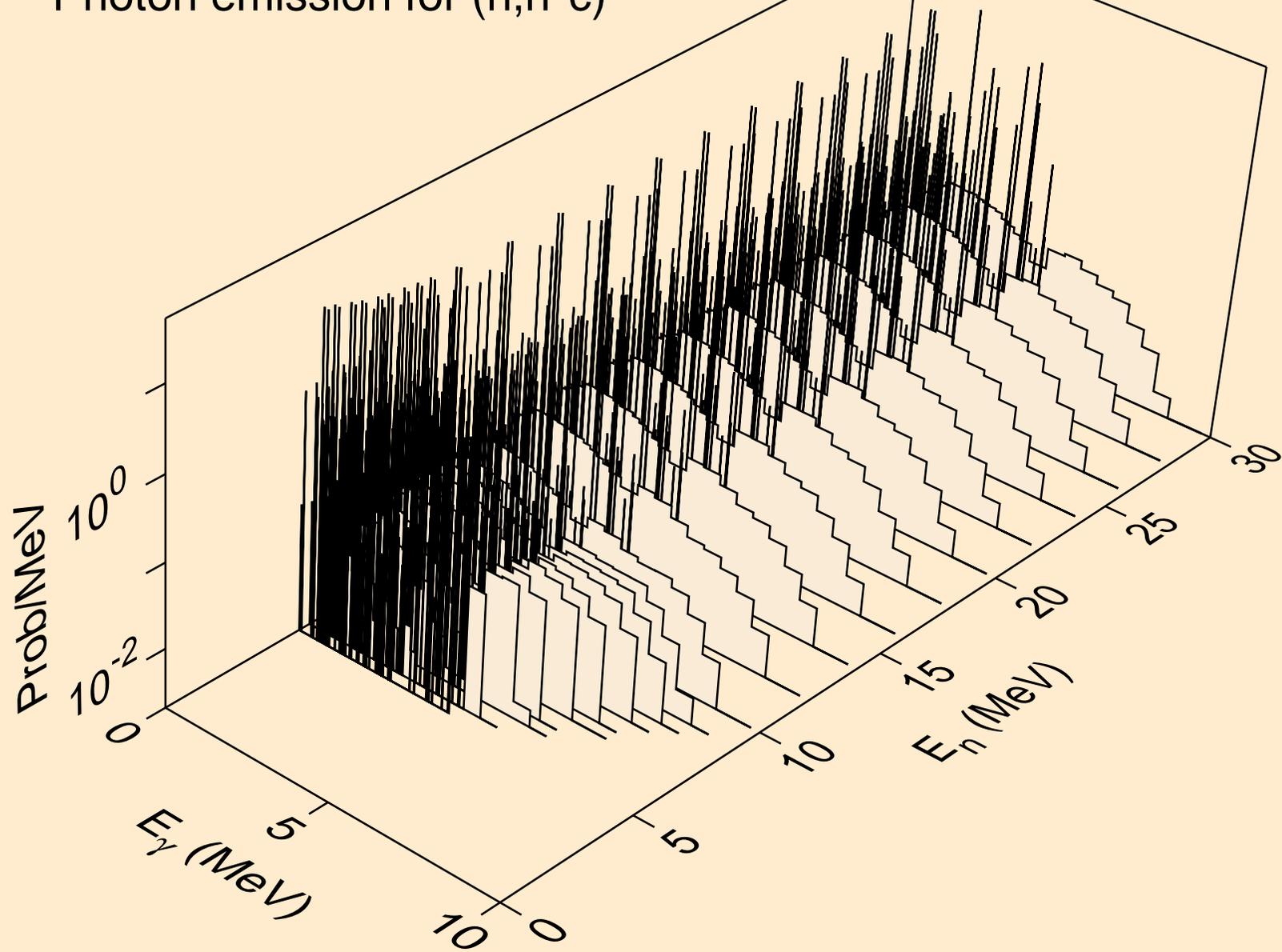
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



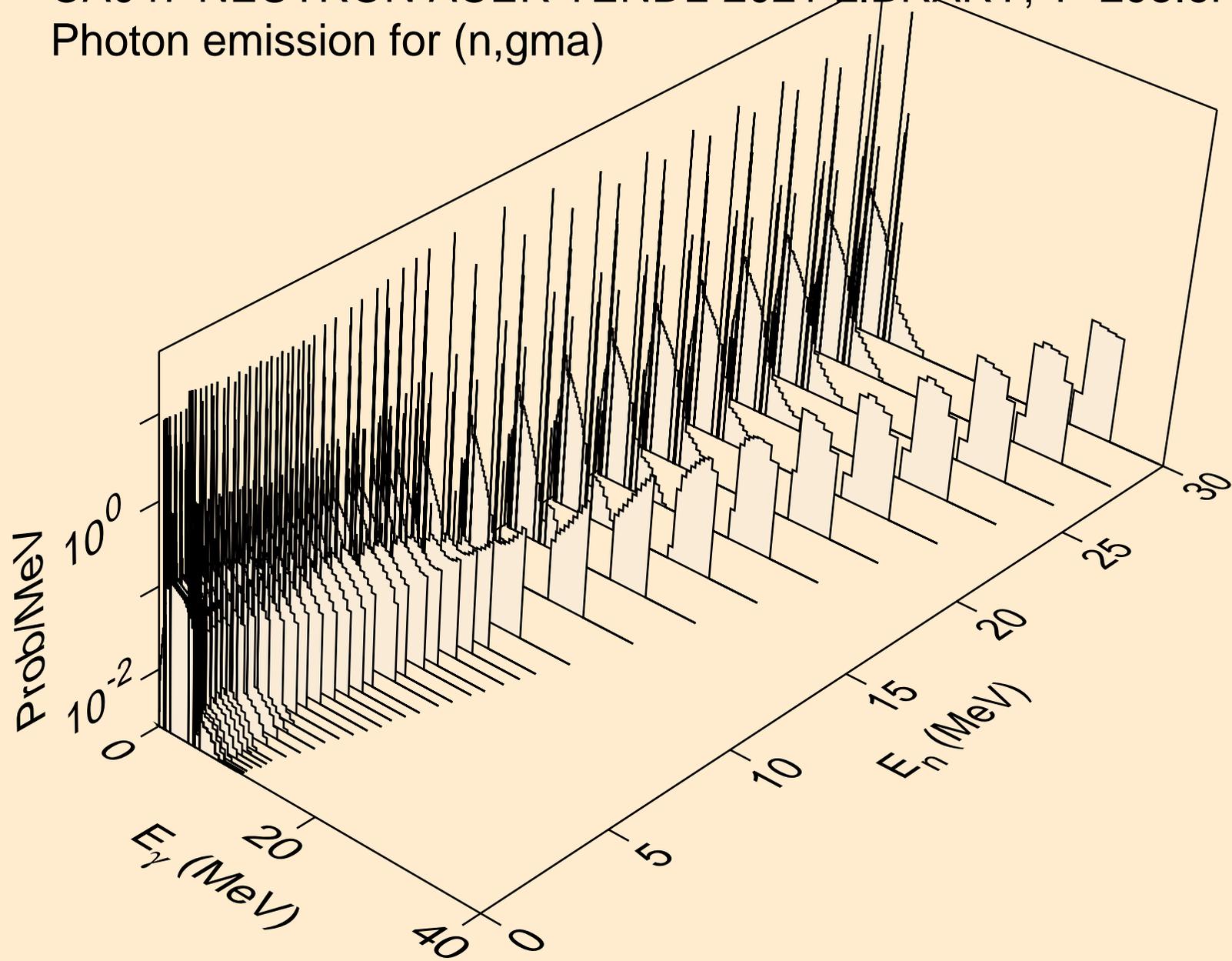
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



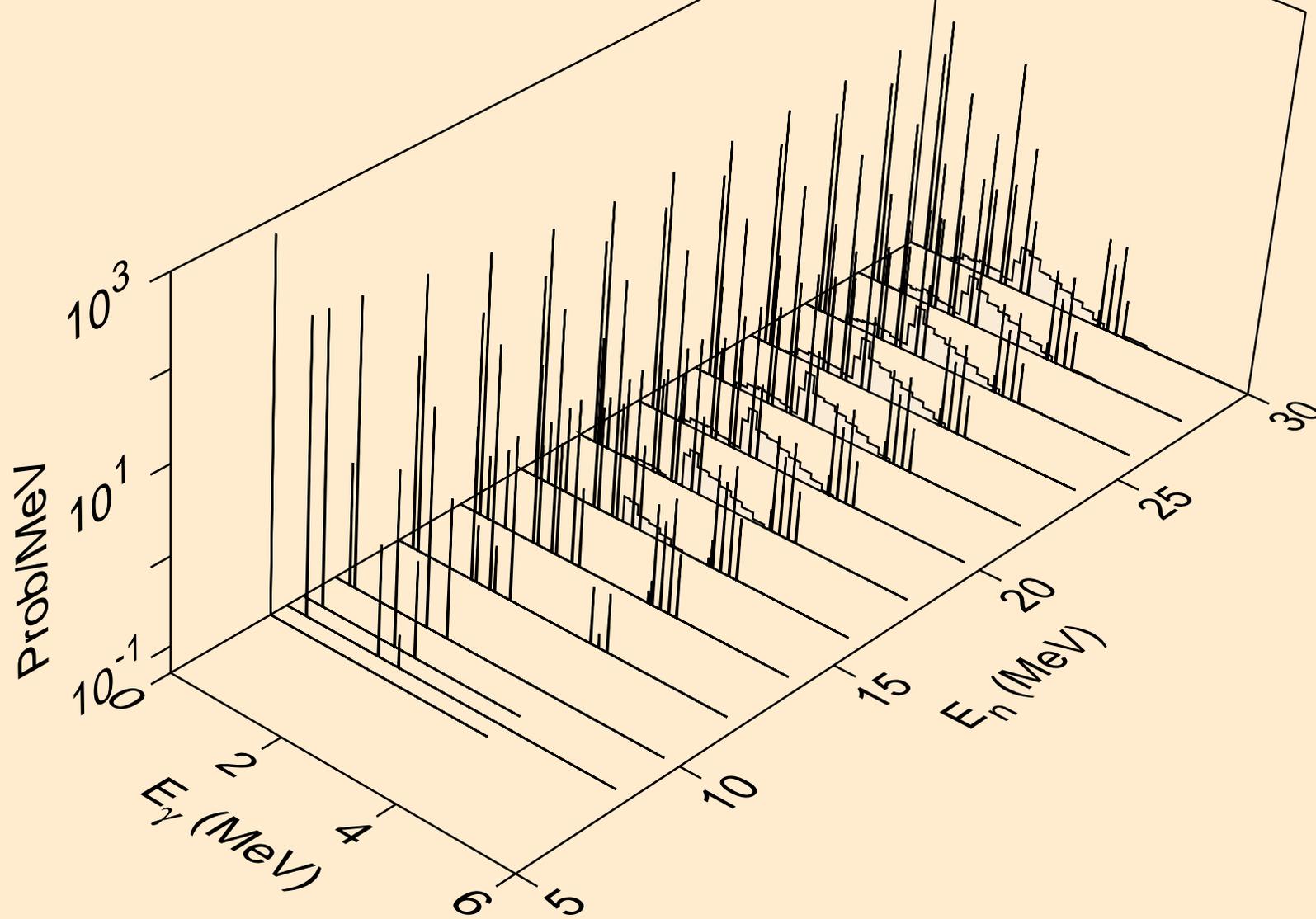
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



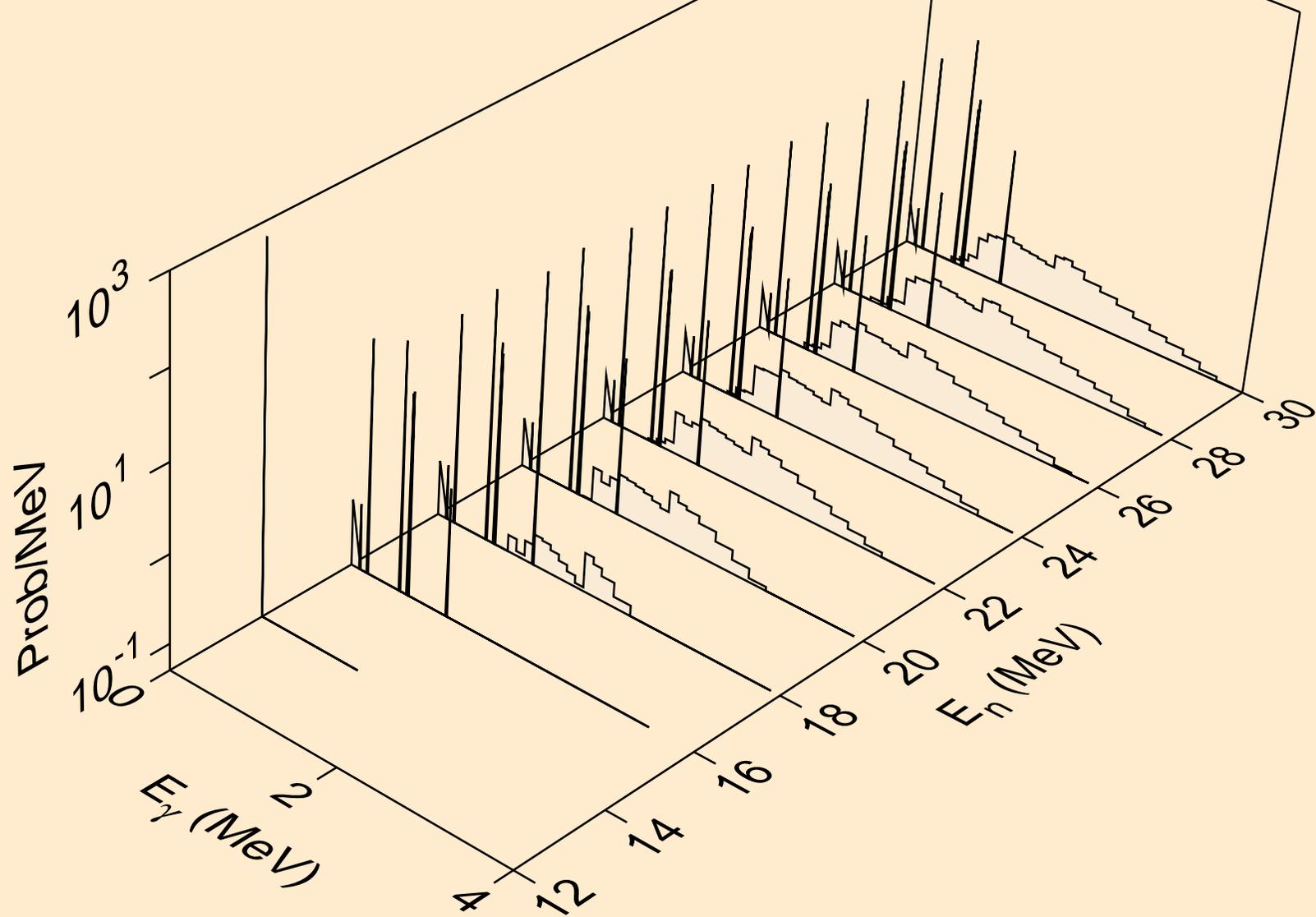
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



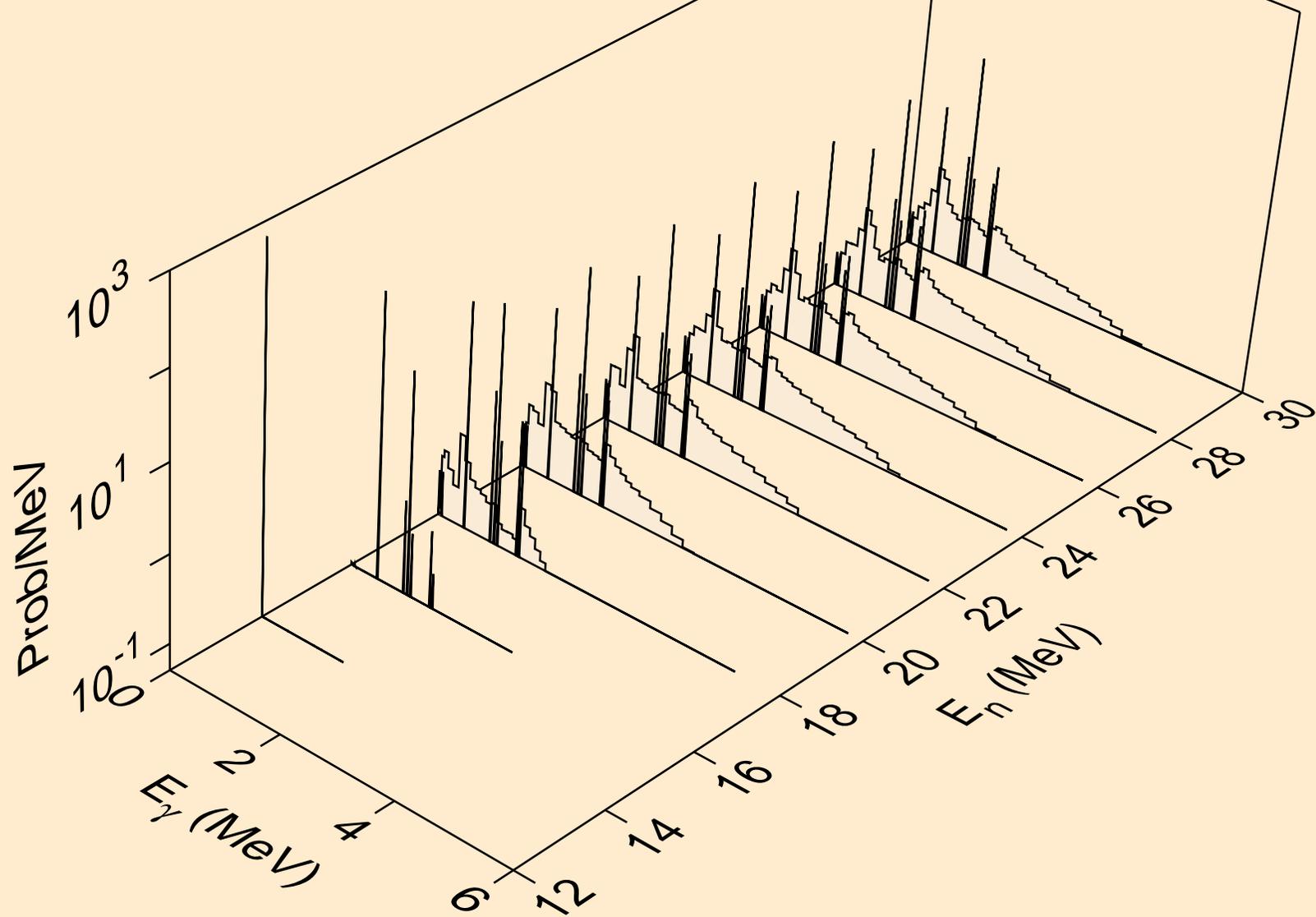
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



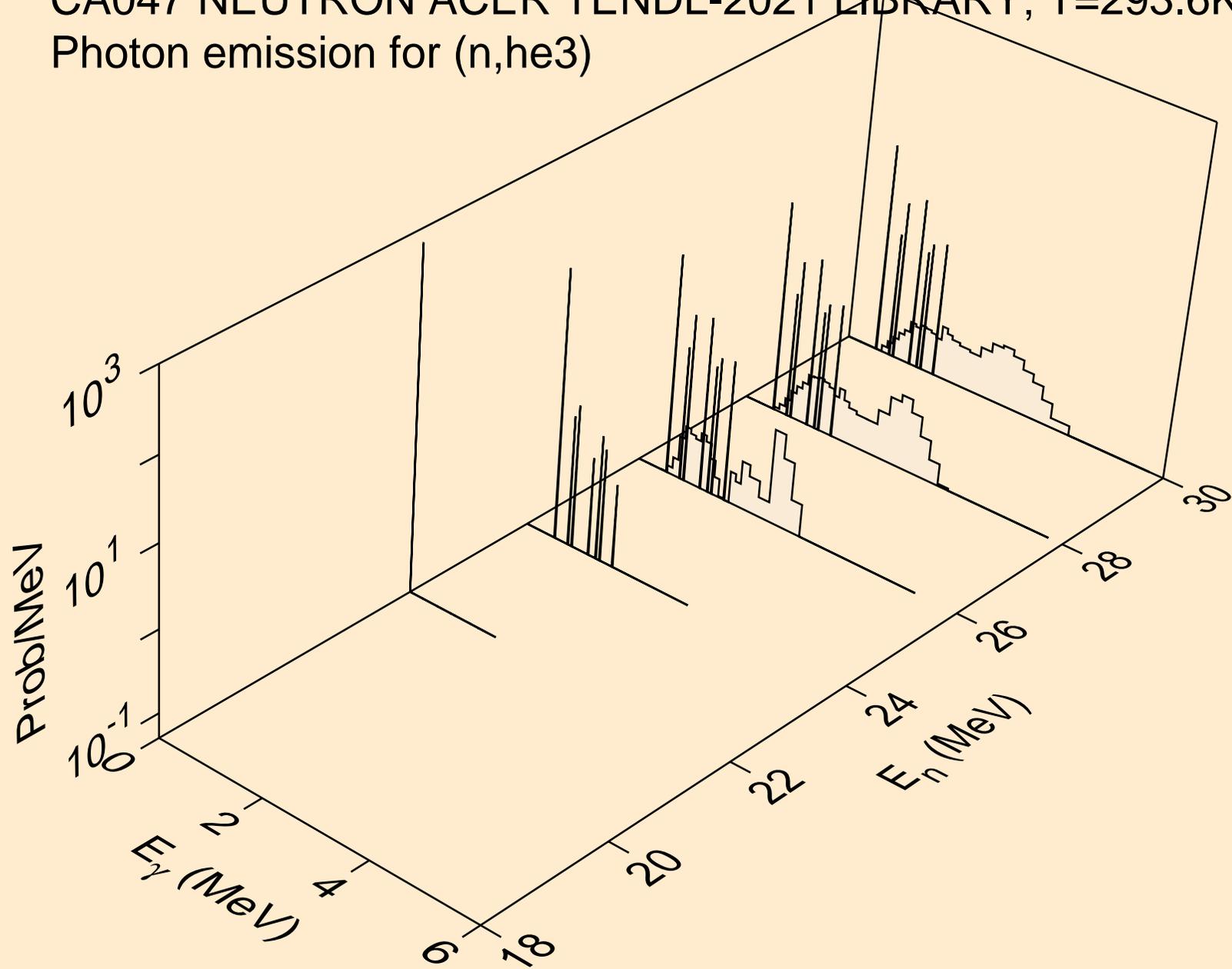
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



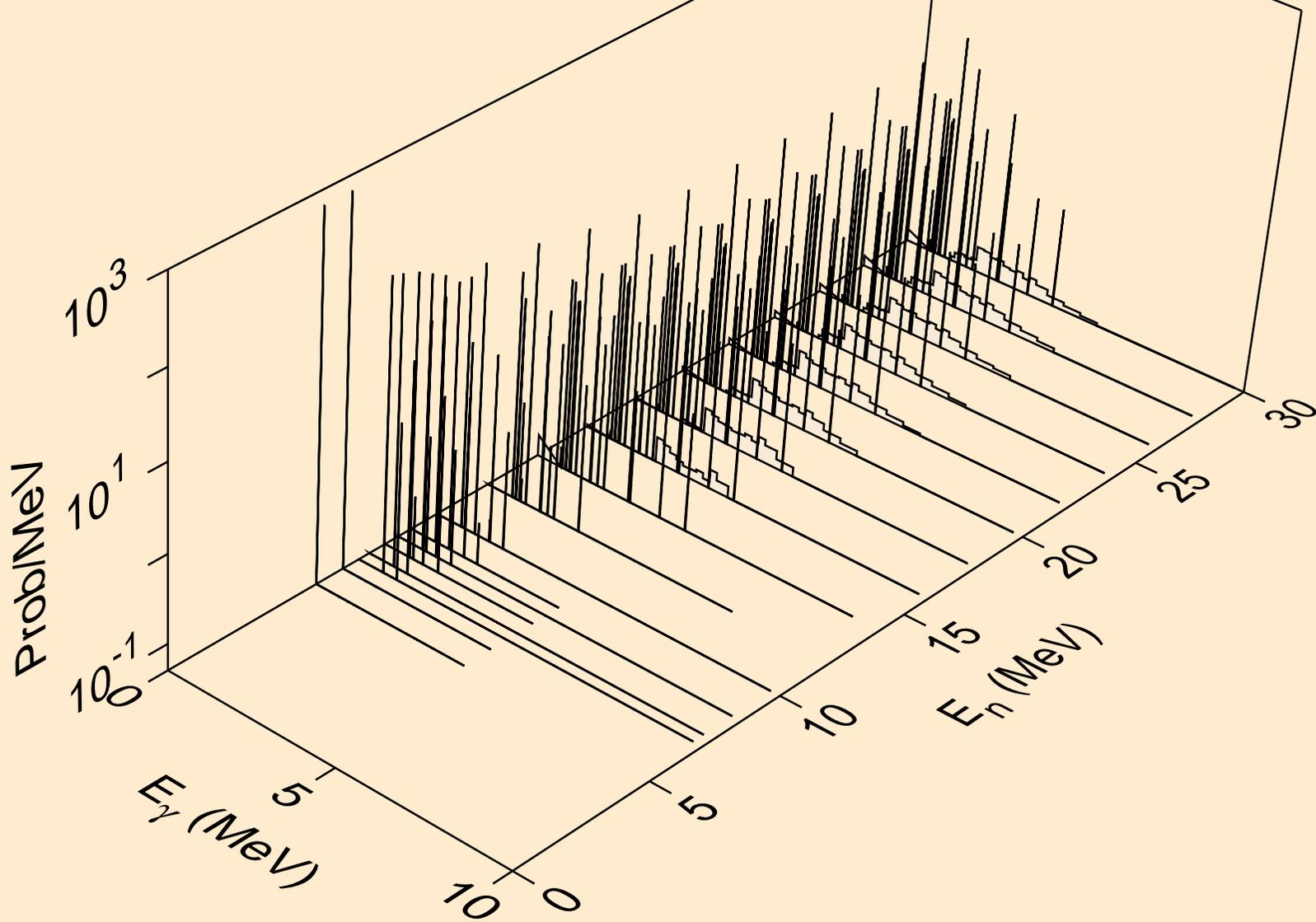
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



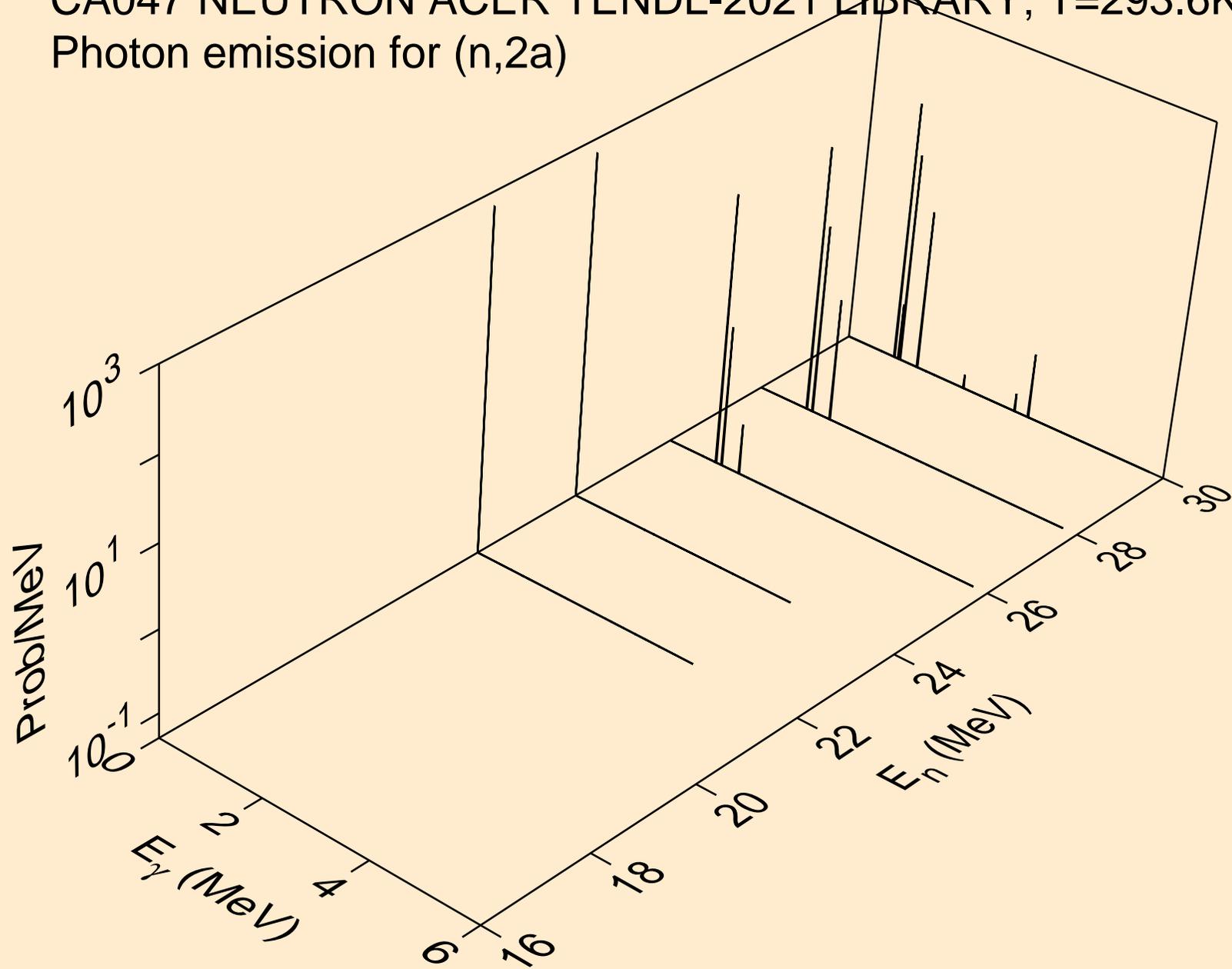
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



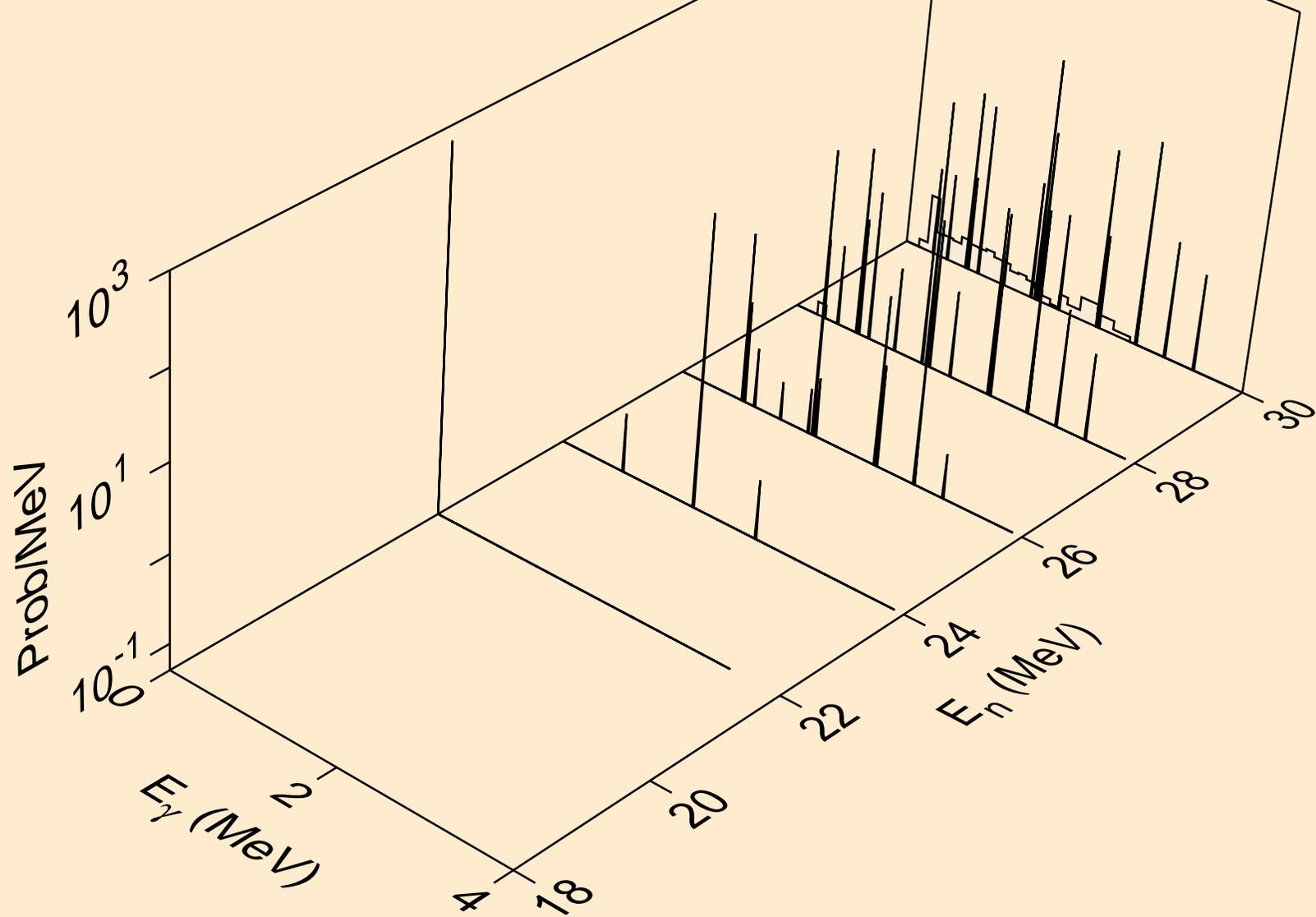
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



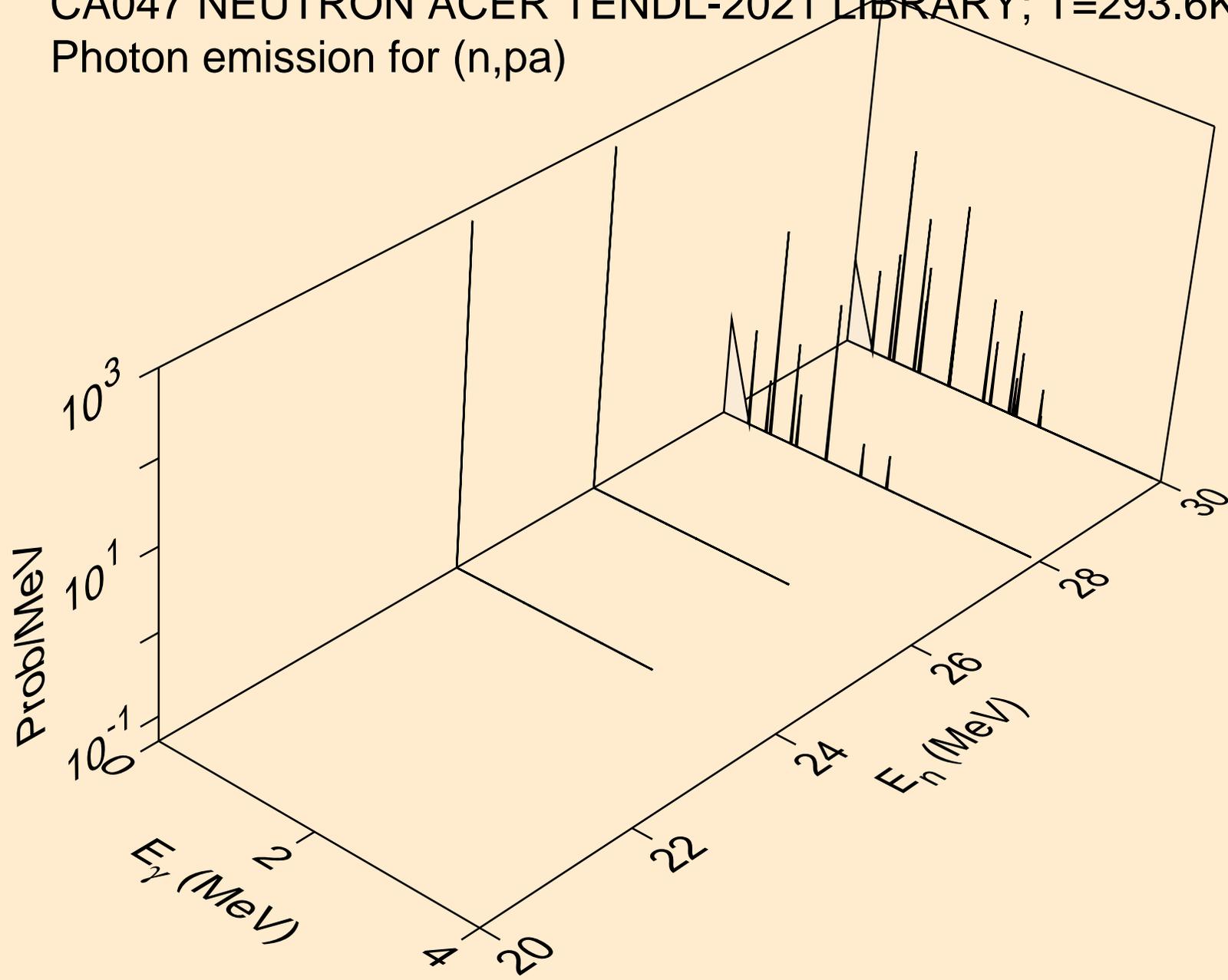
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



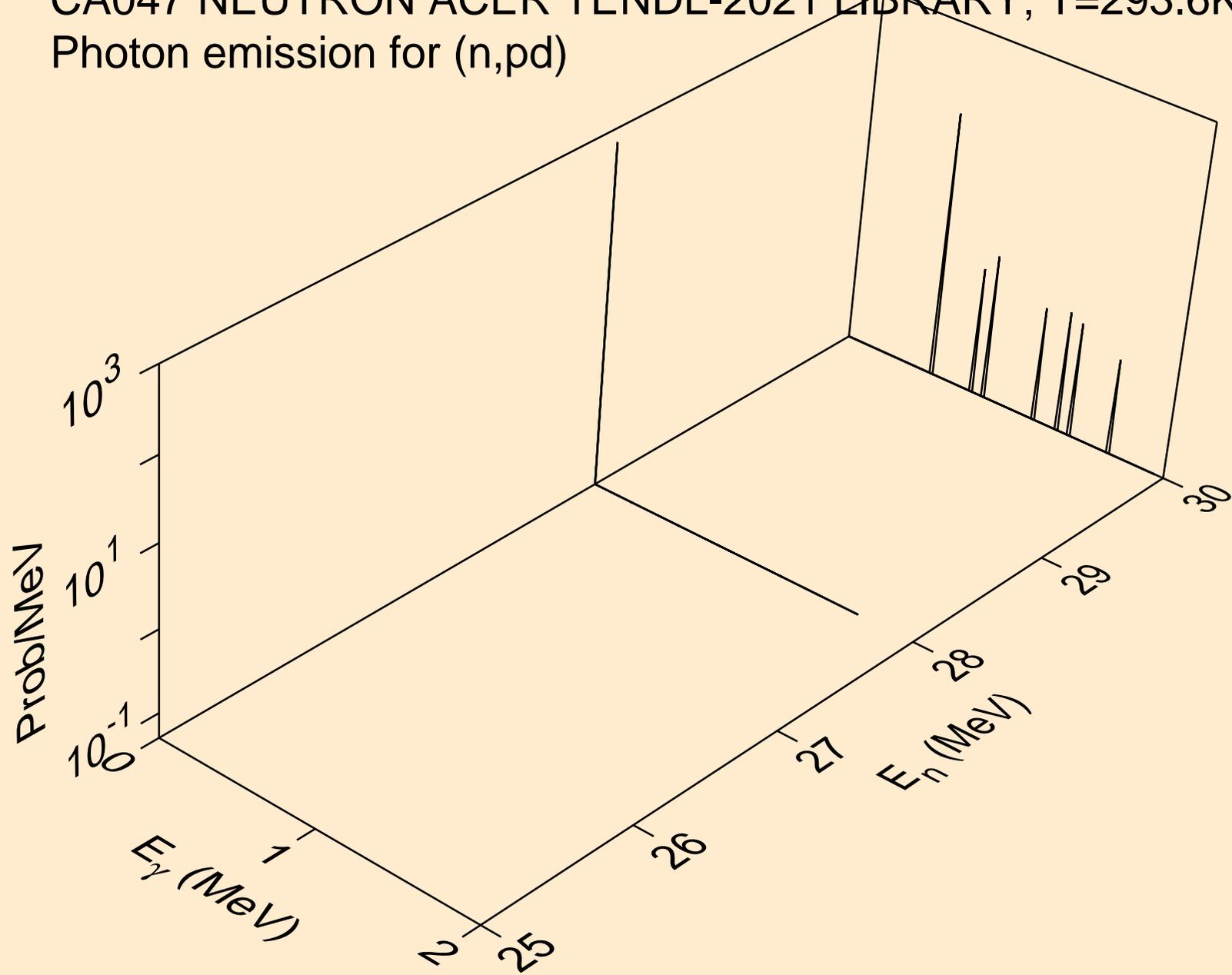
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



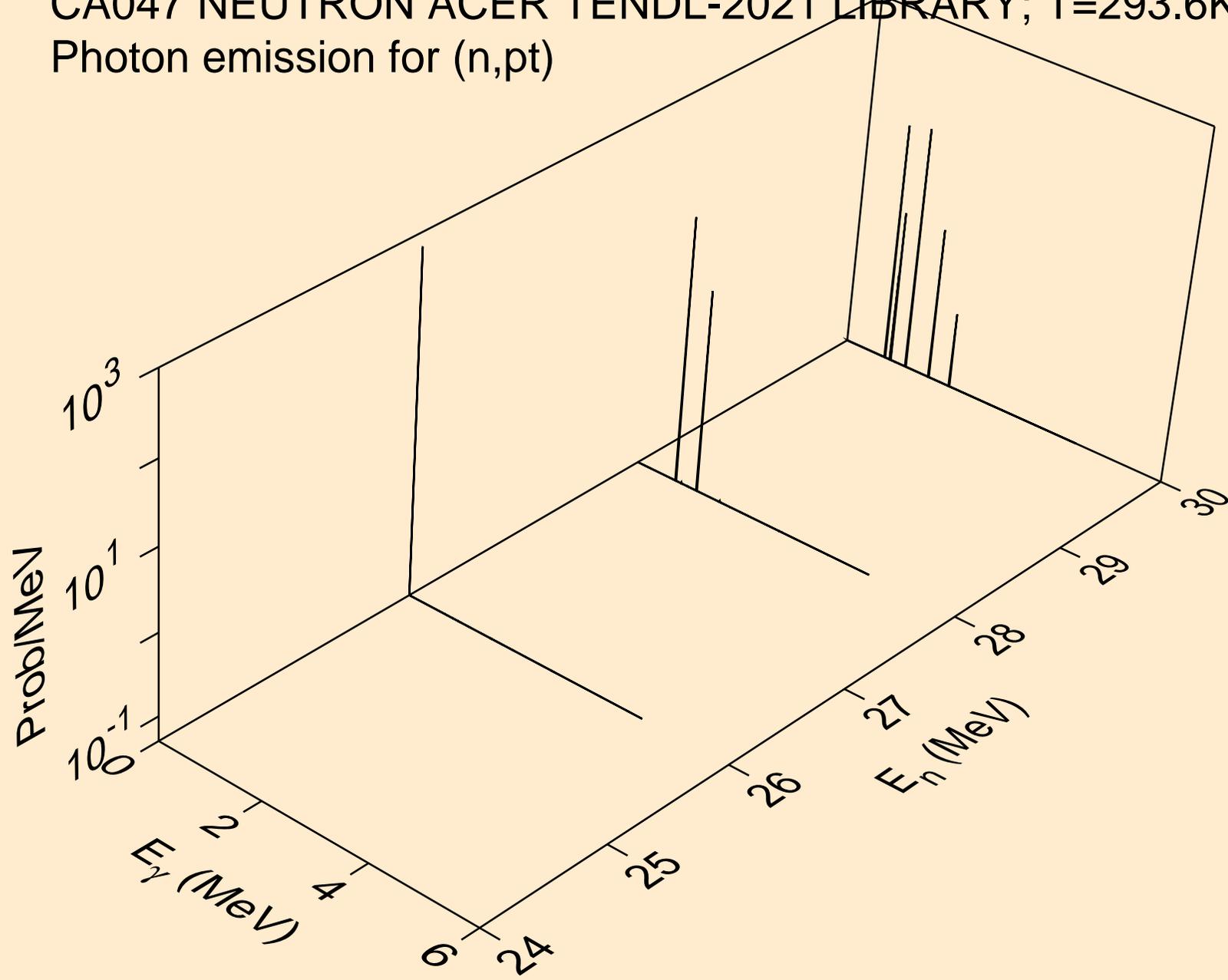
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pa)



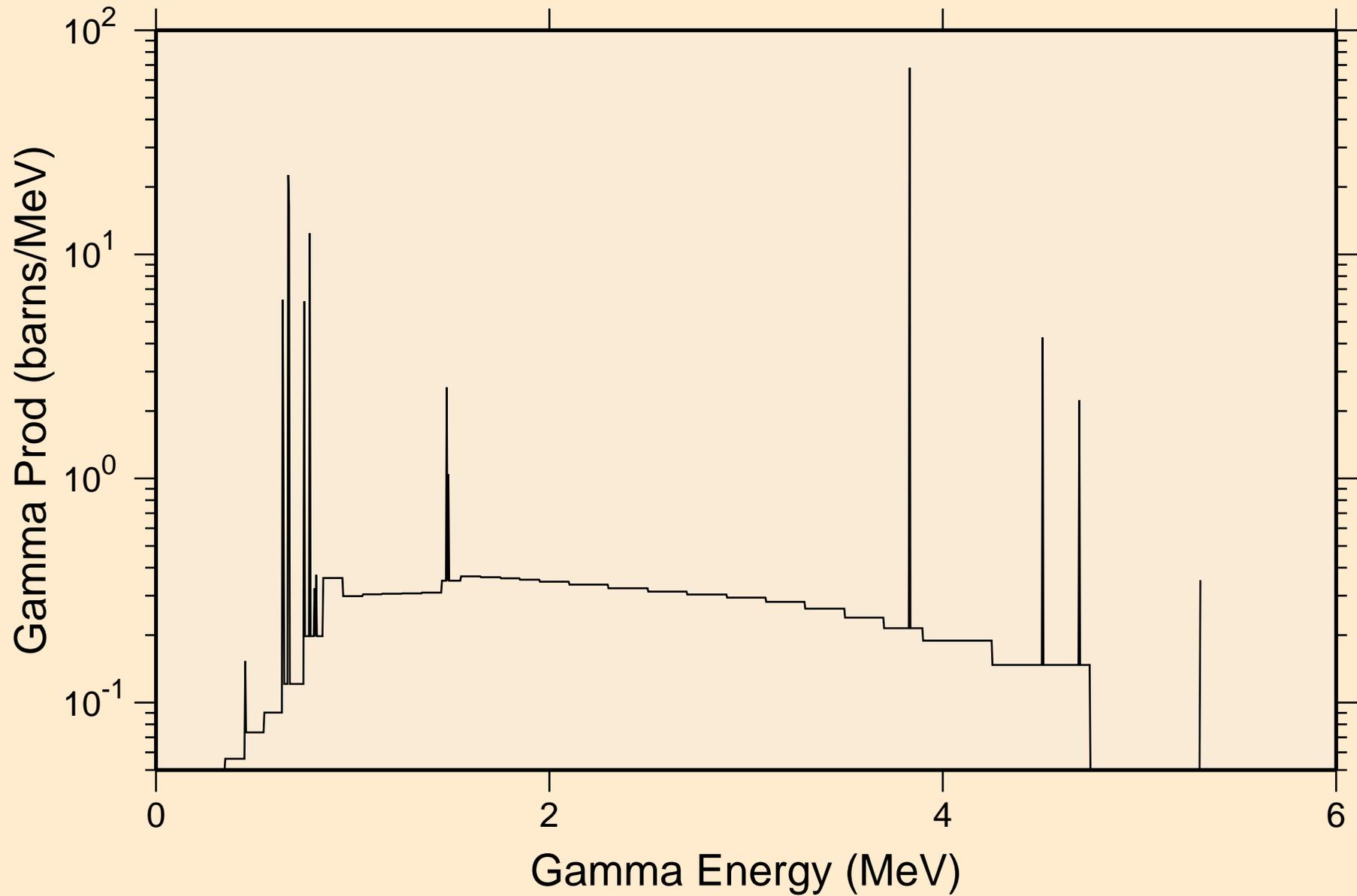
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



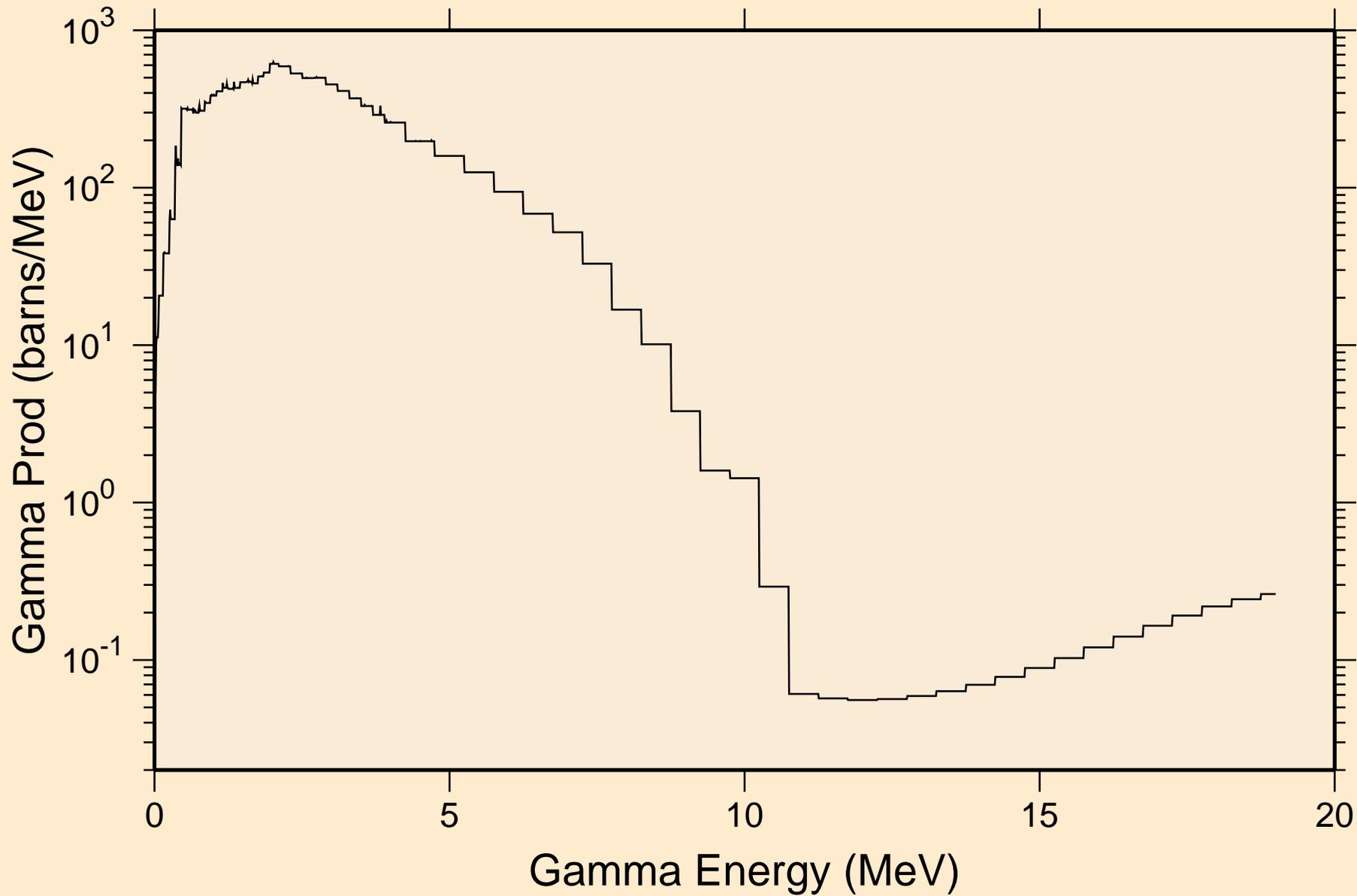
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



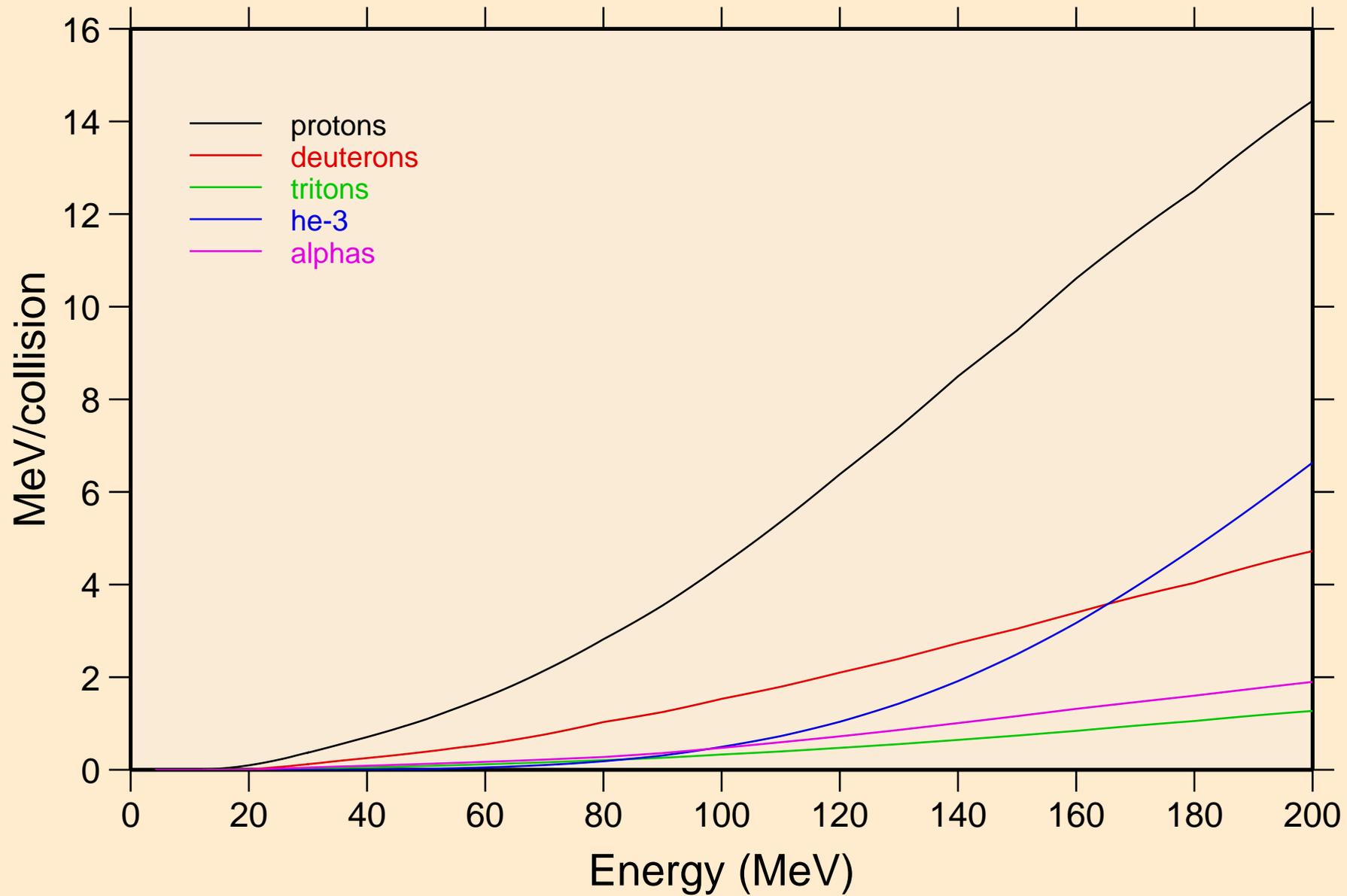
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



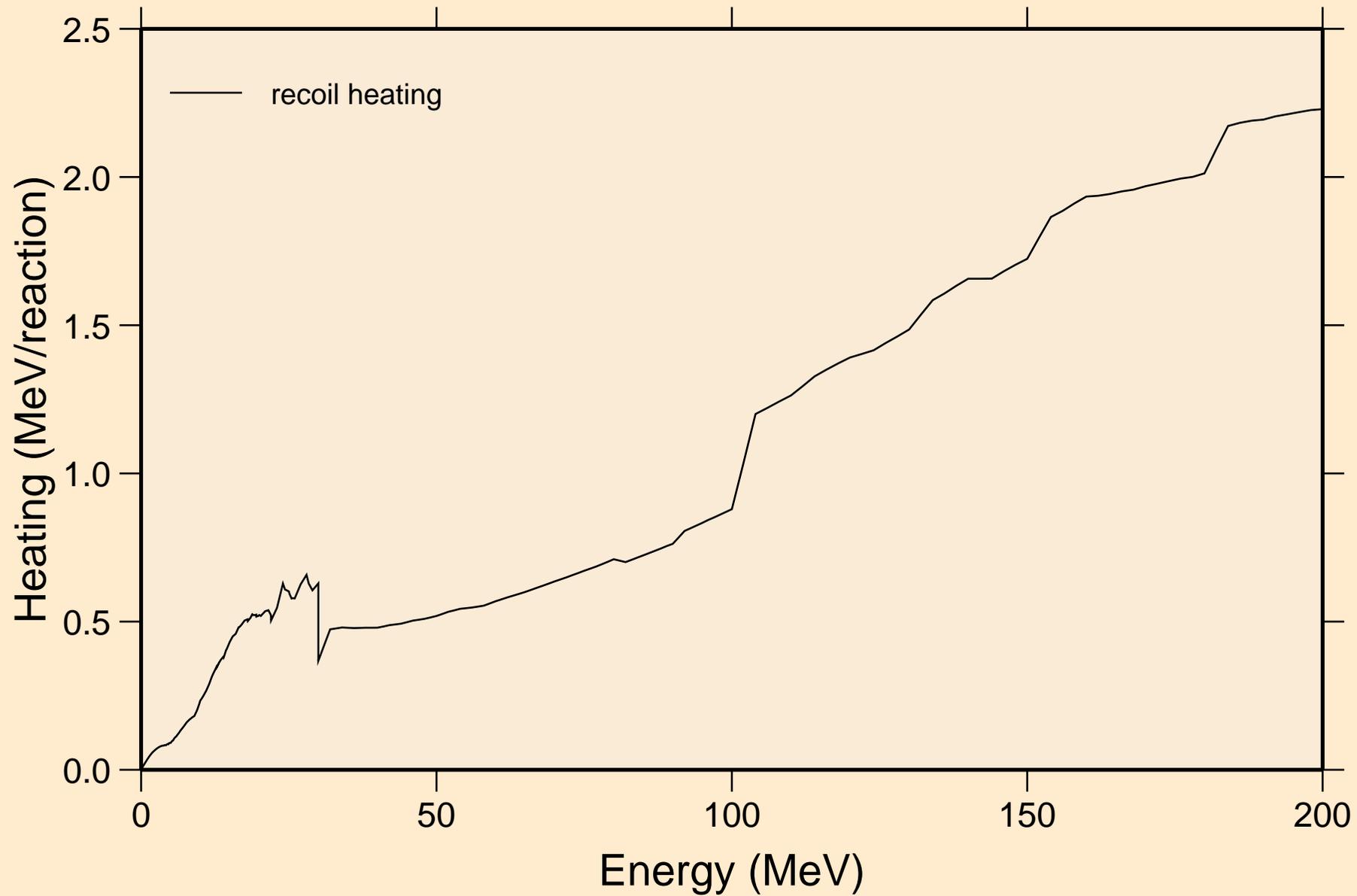
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



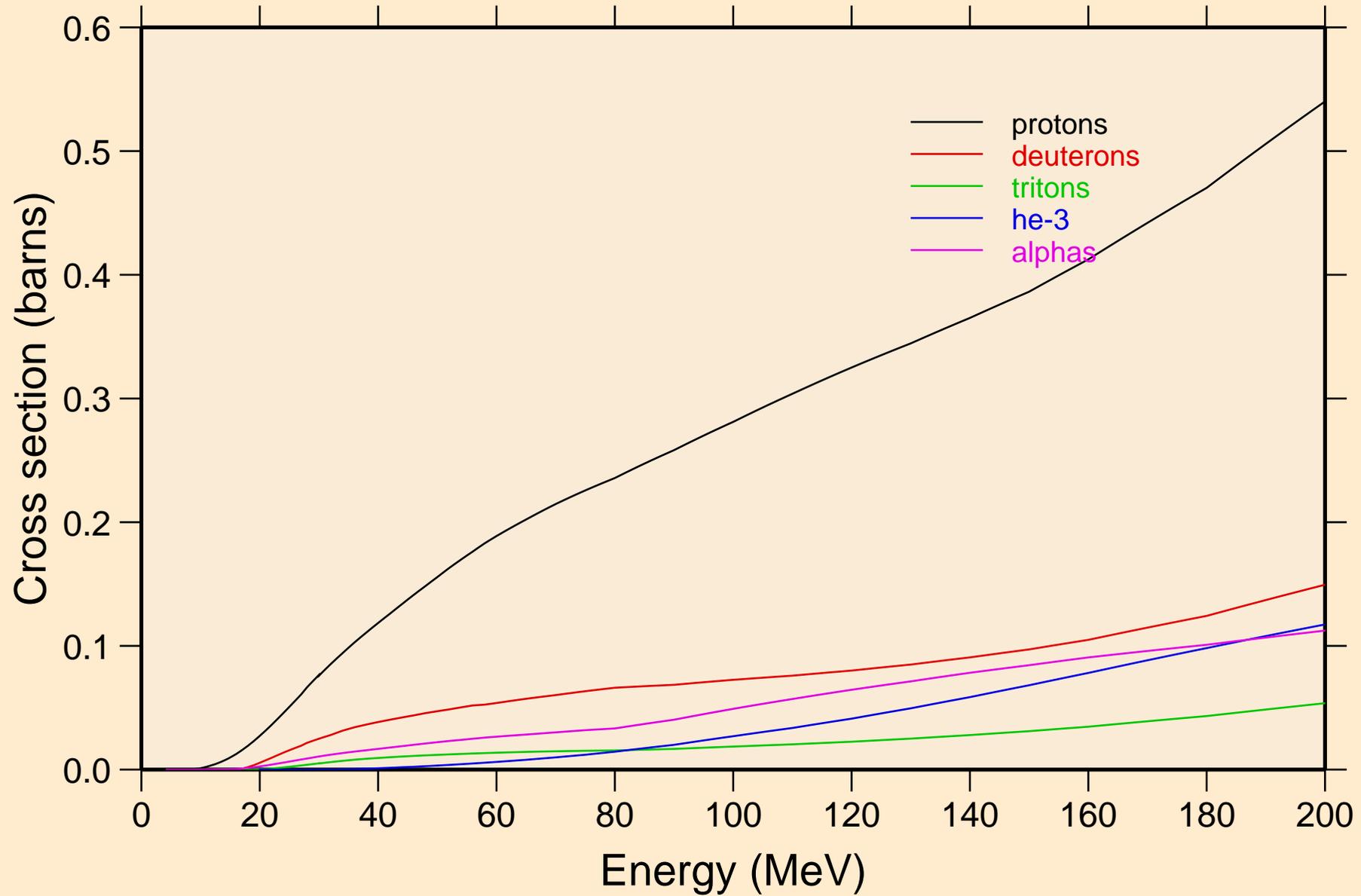
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



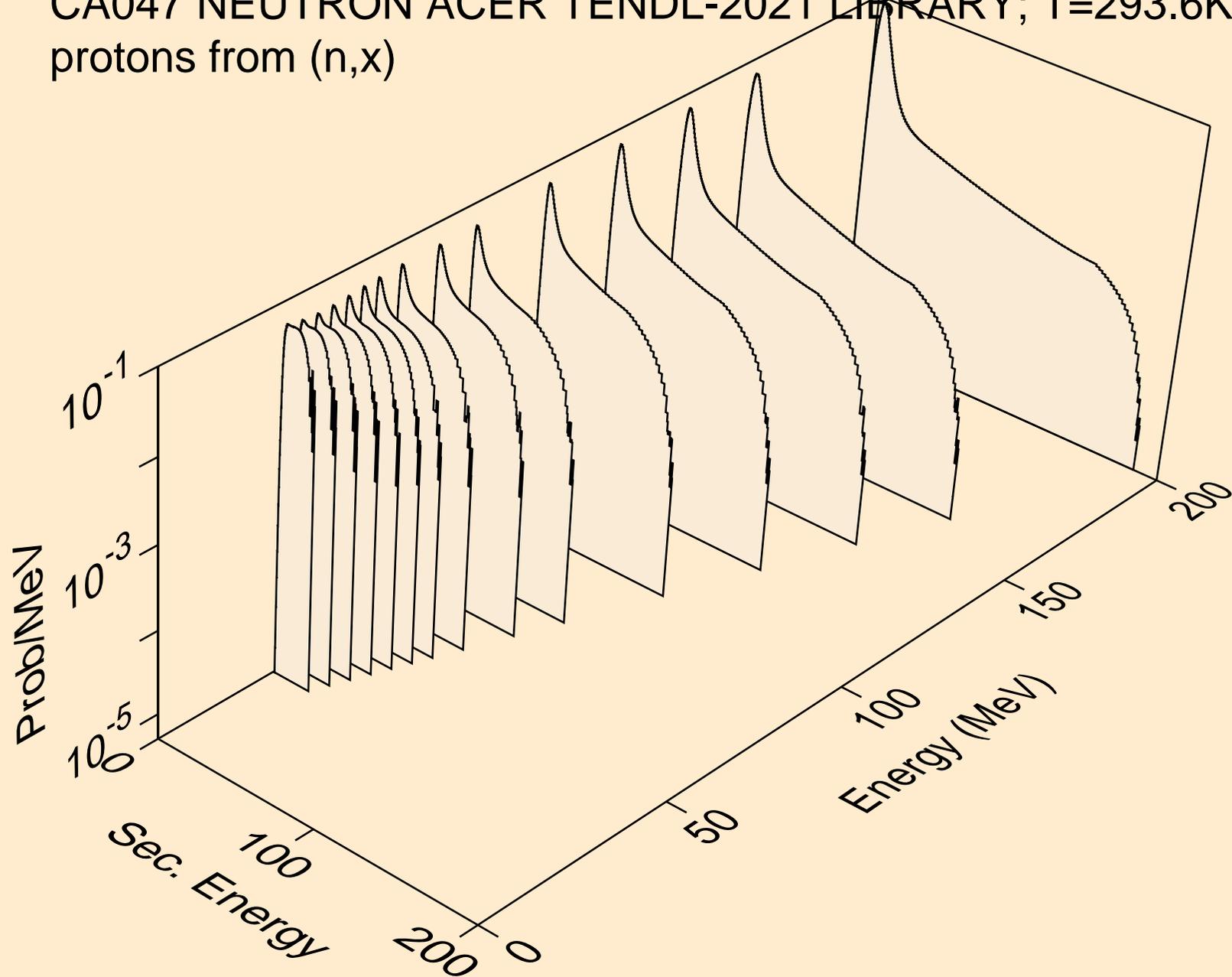
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



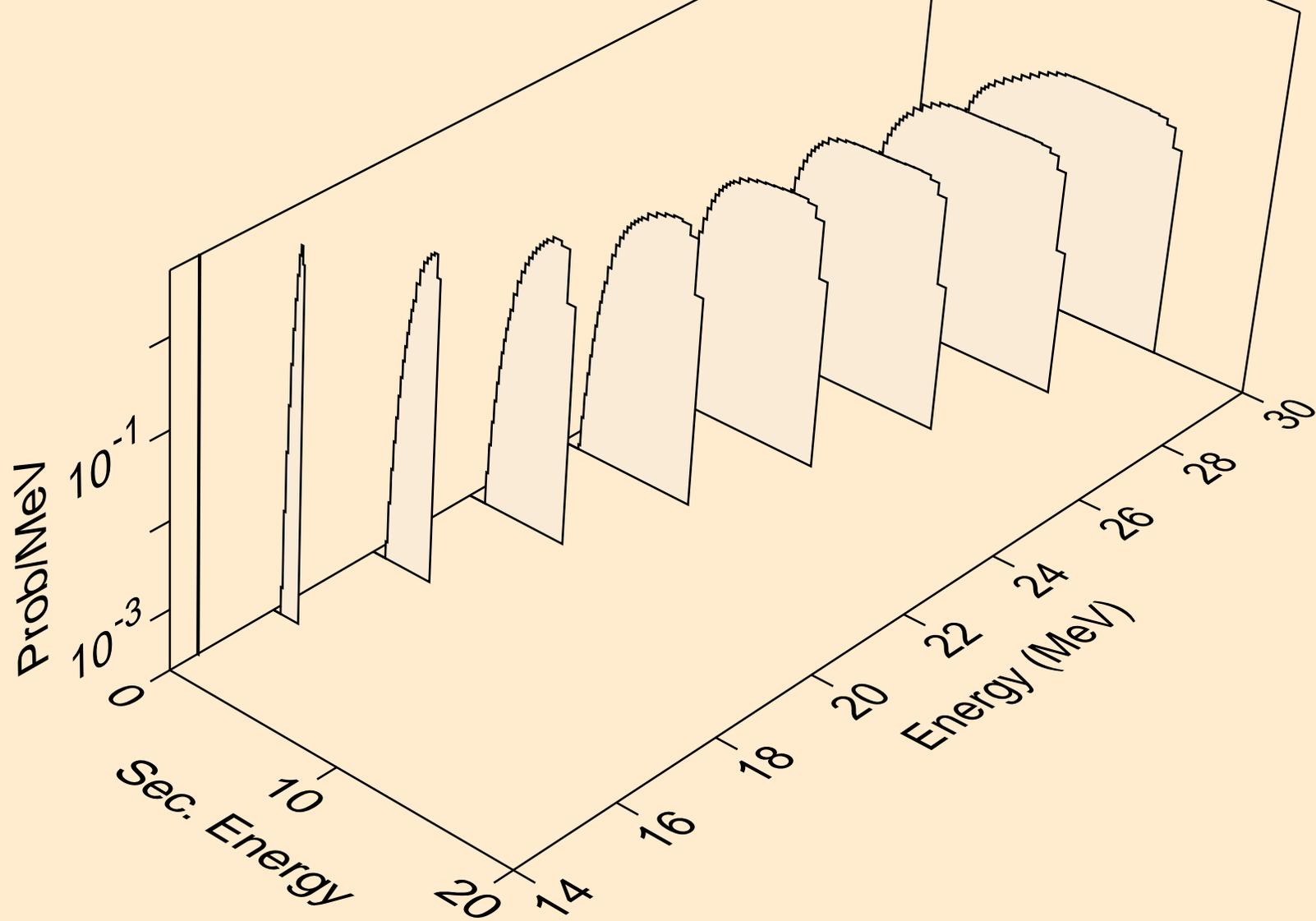
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



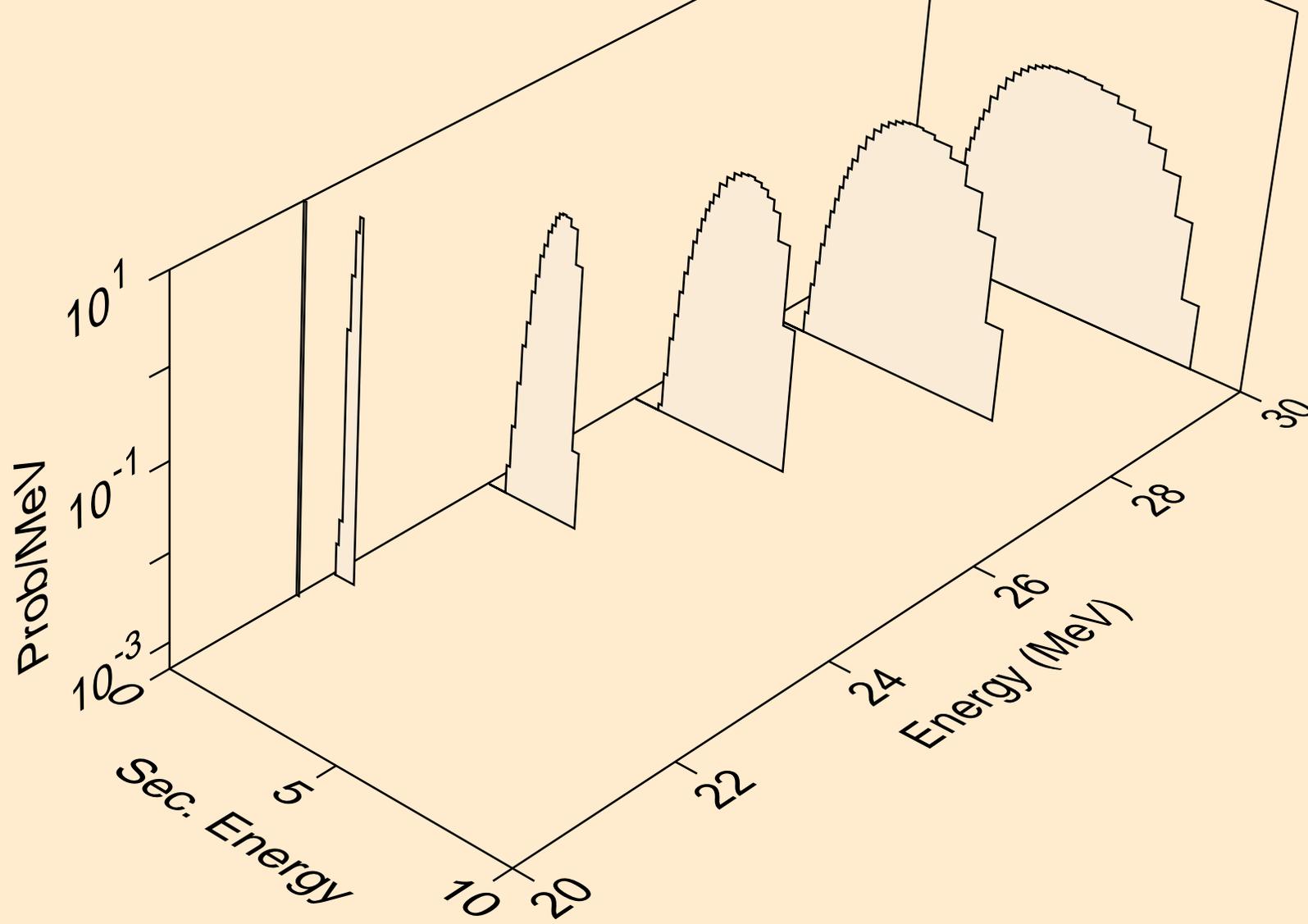
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



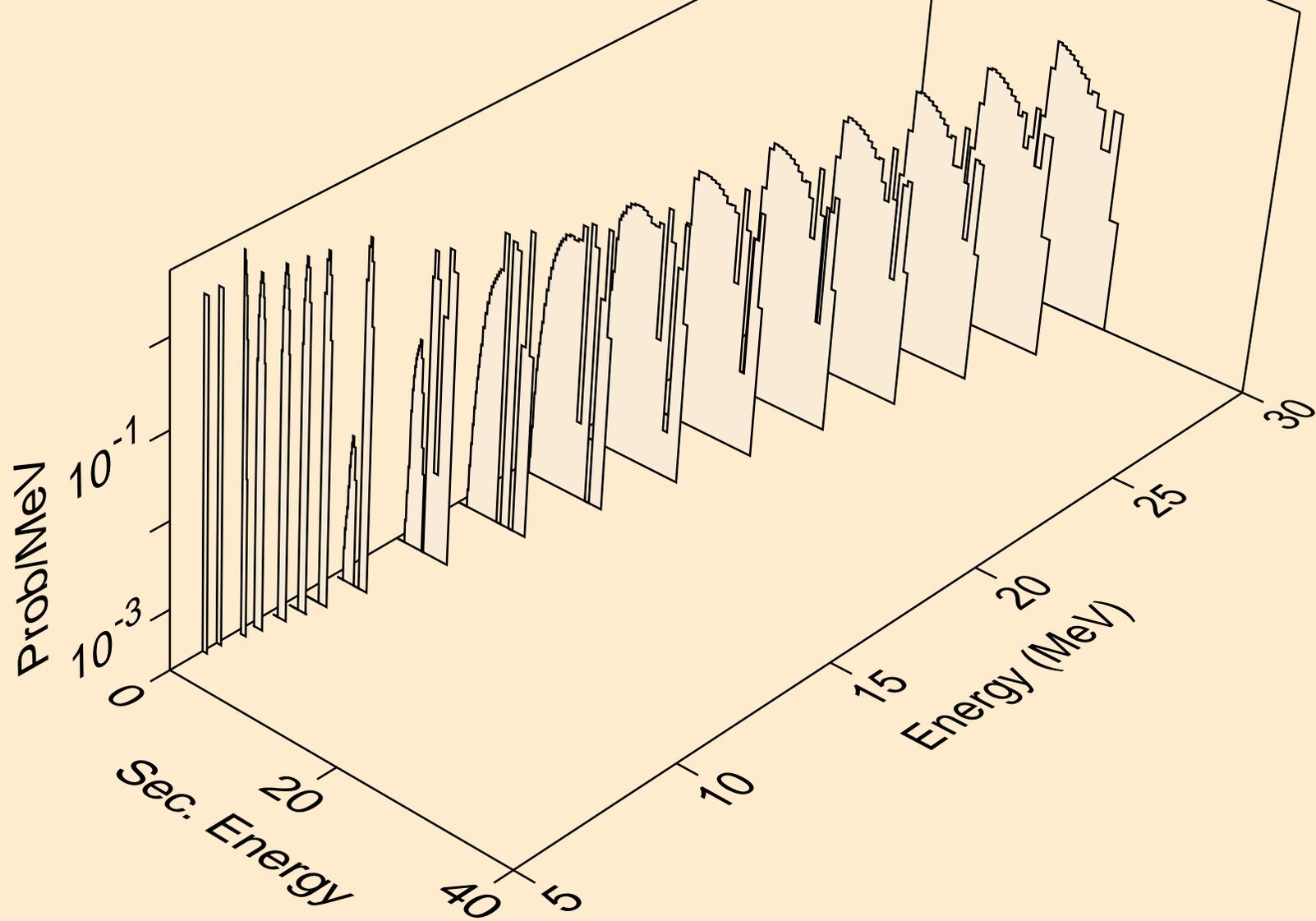
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



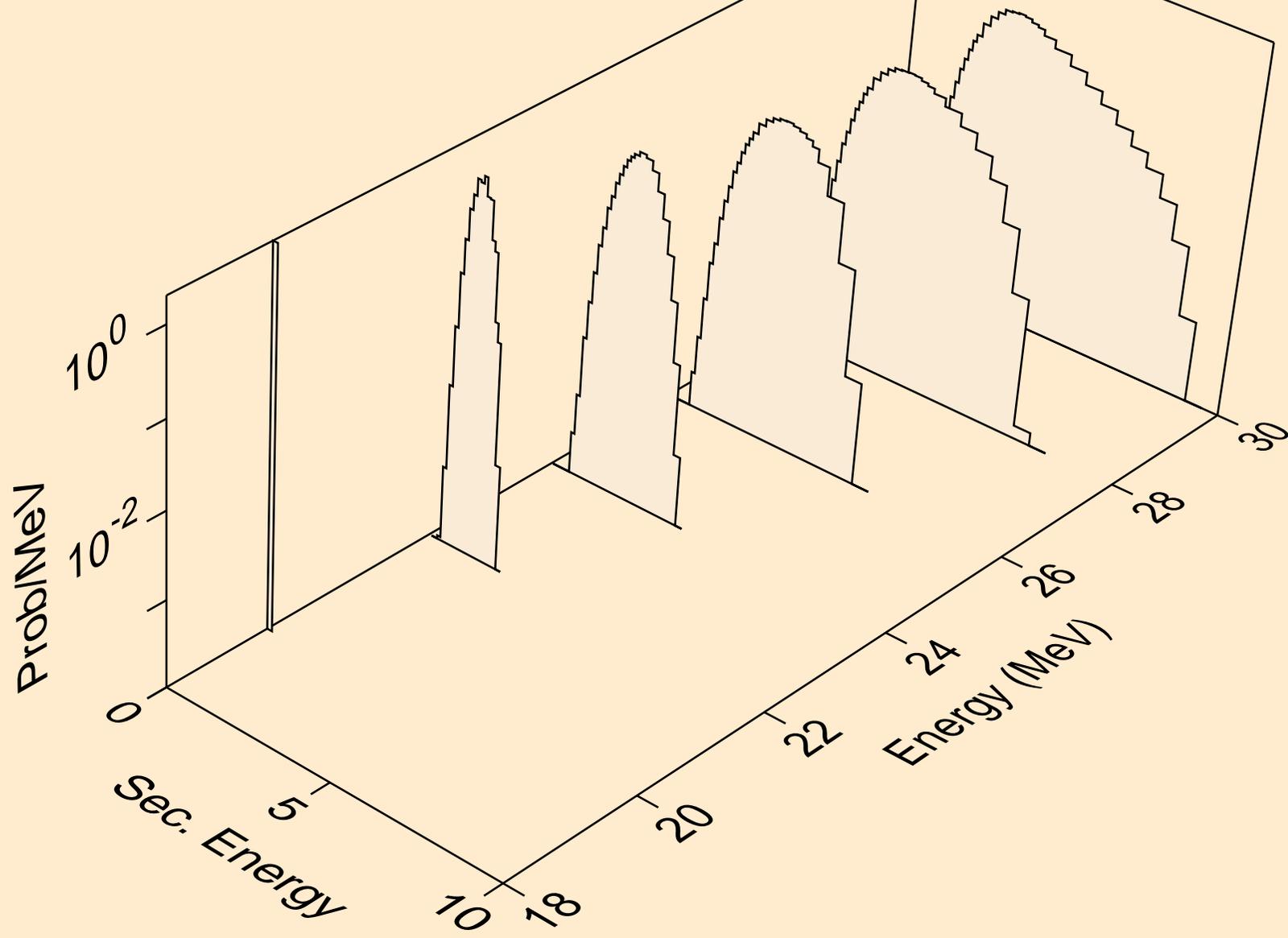
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



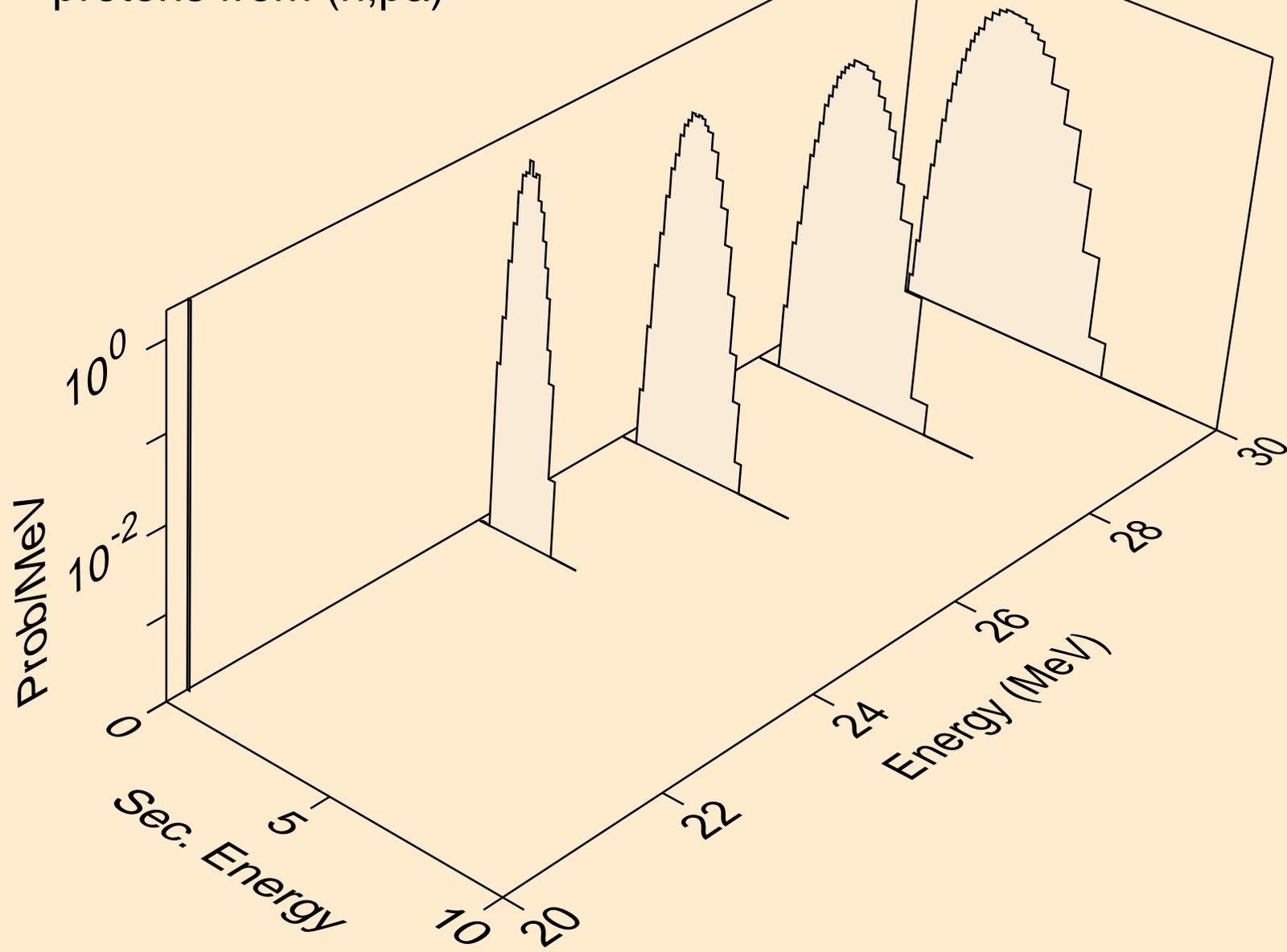
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



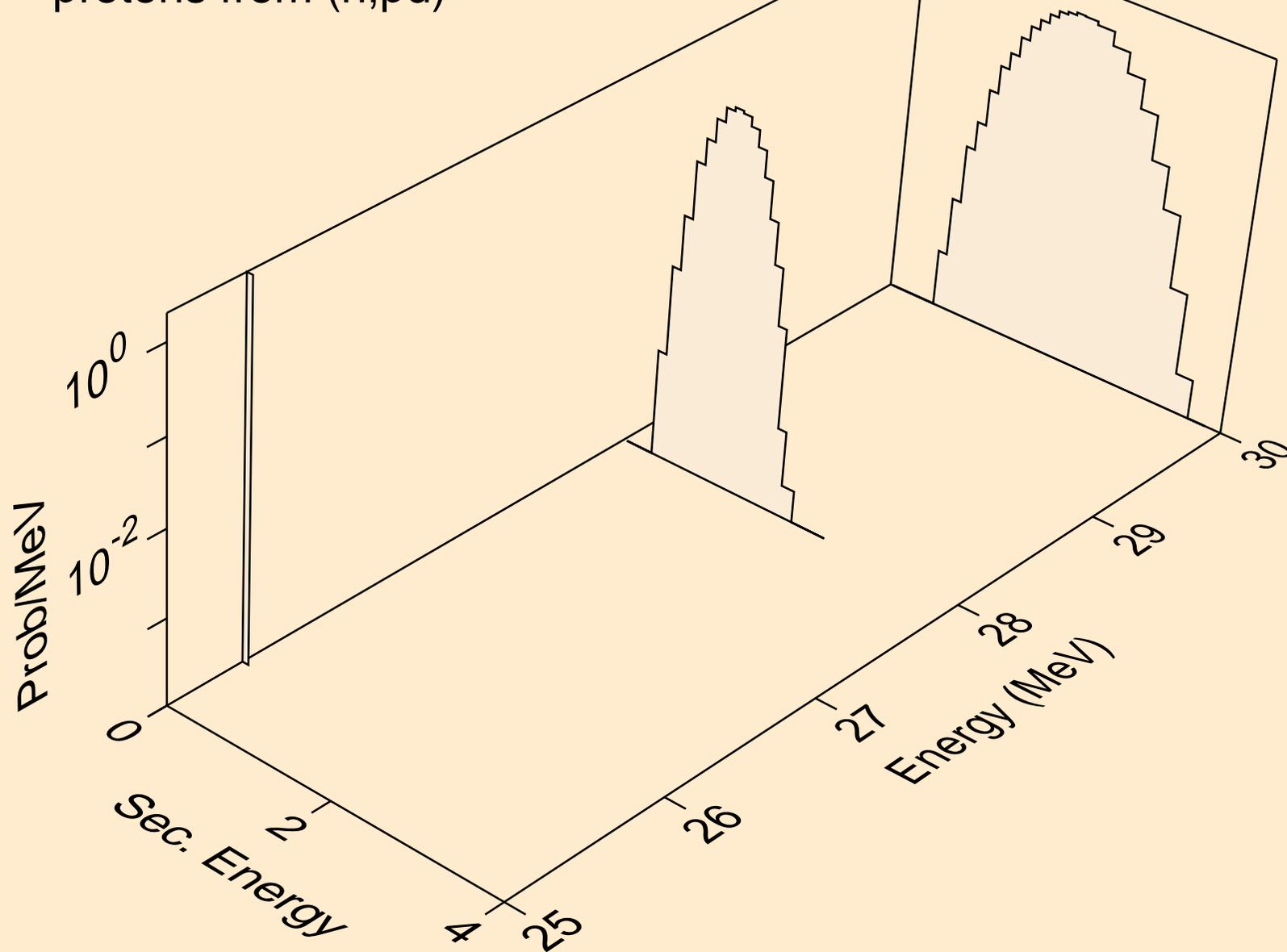
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



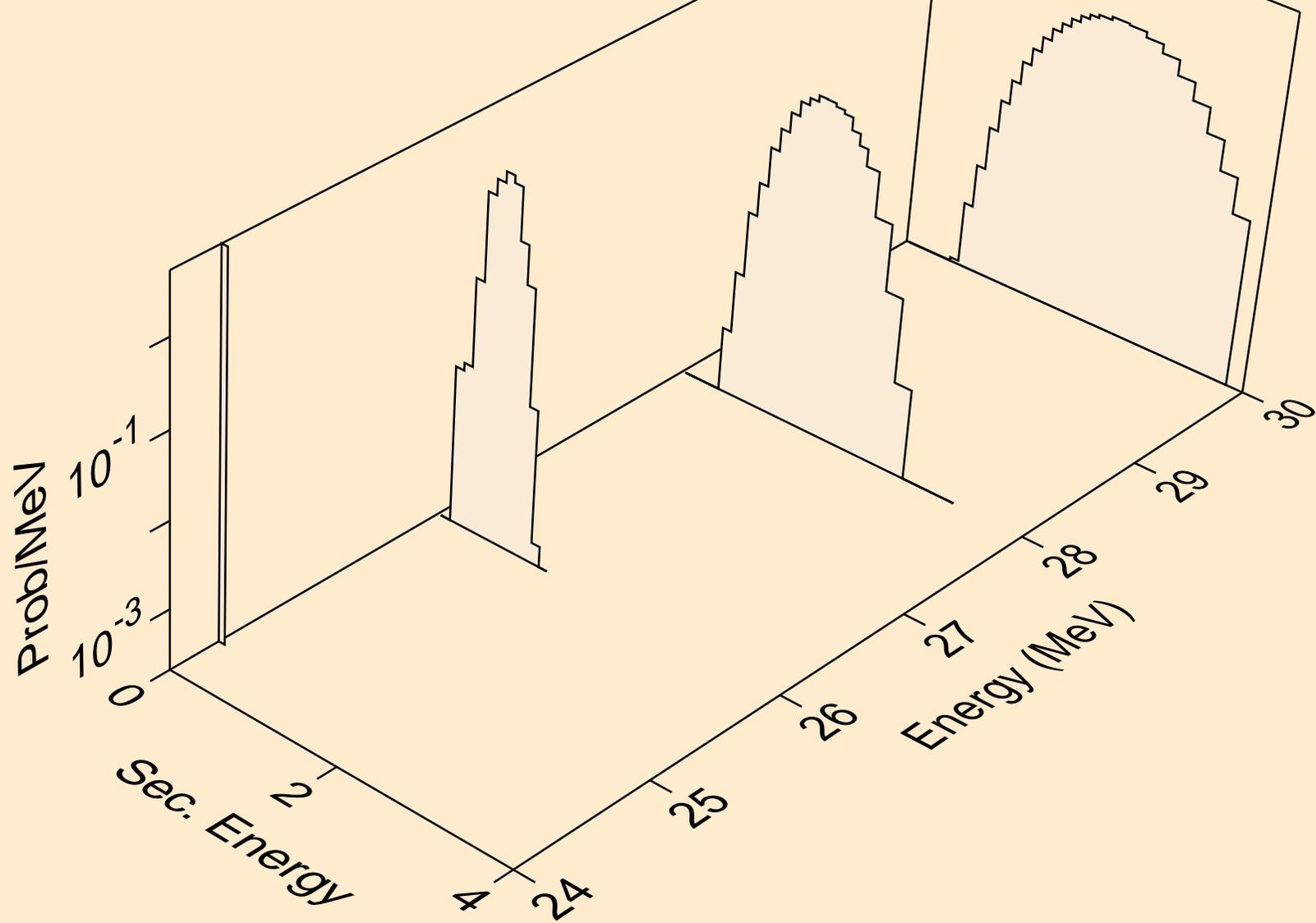
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pa)



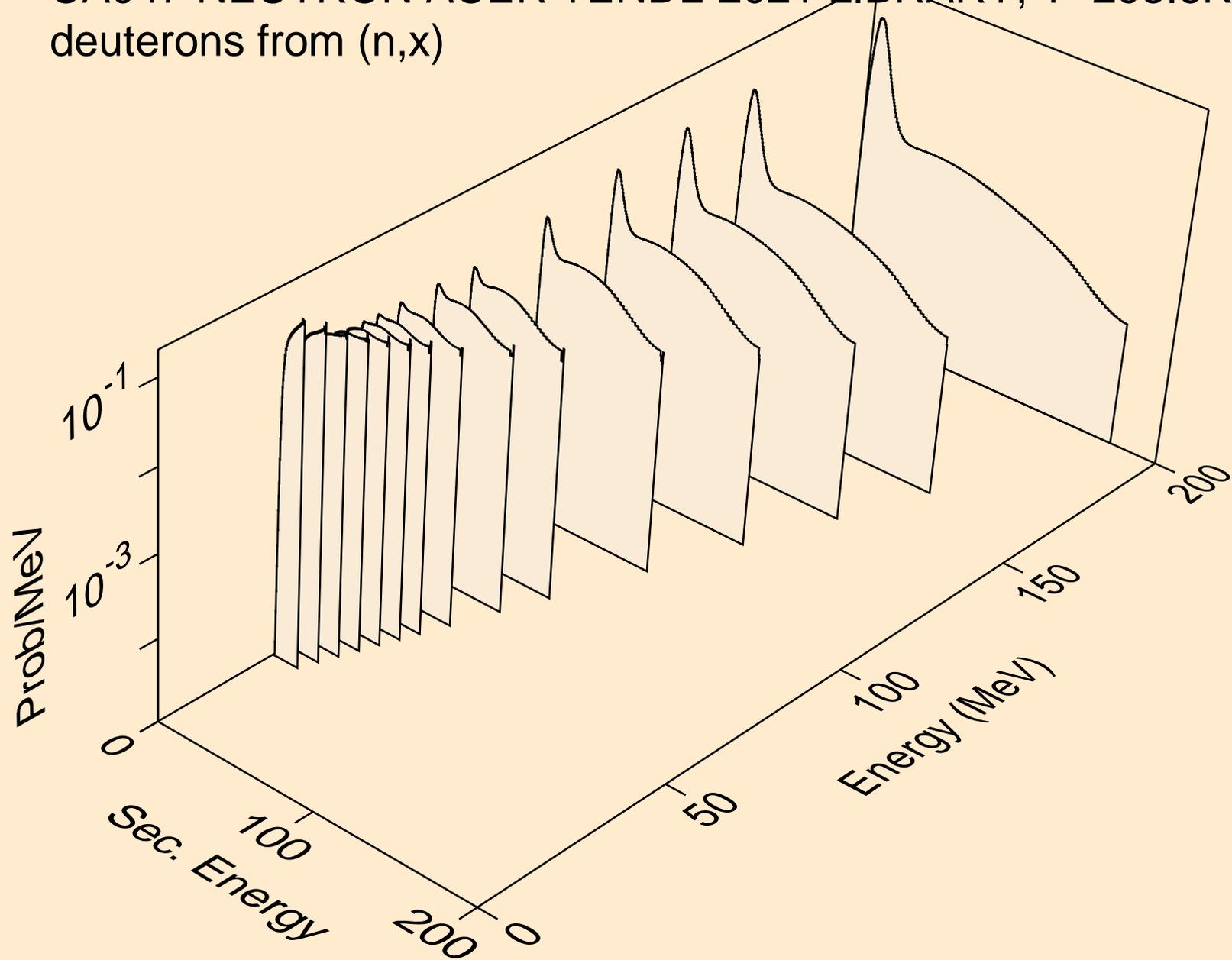
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



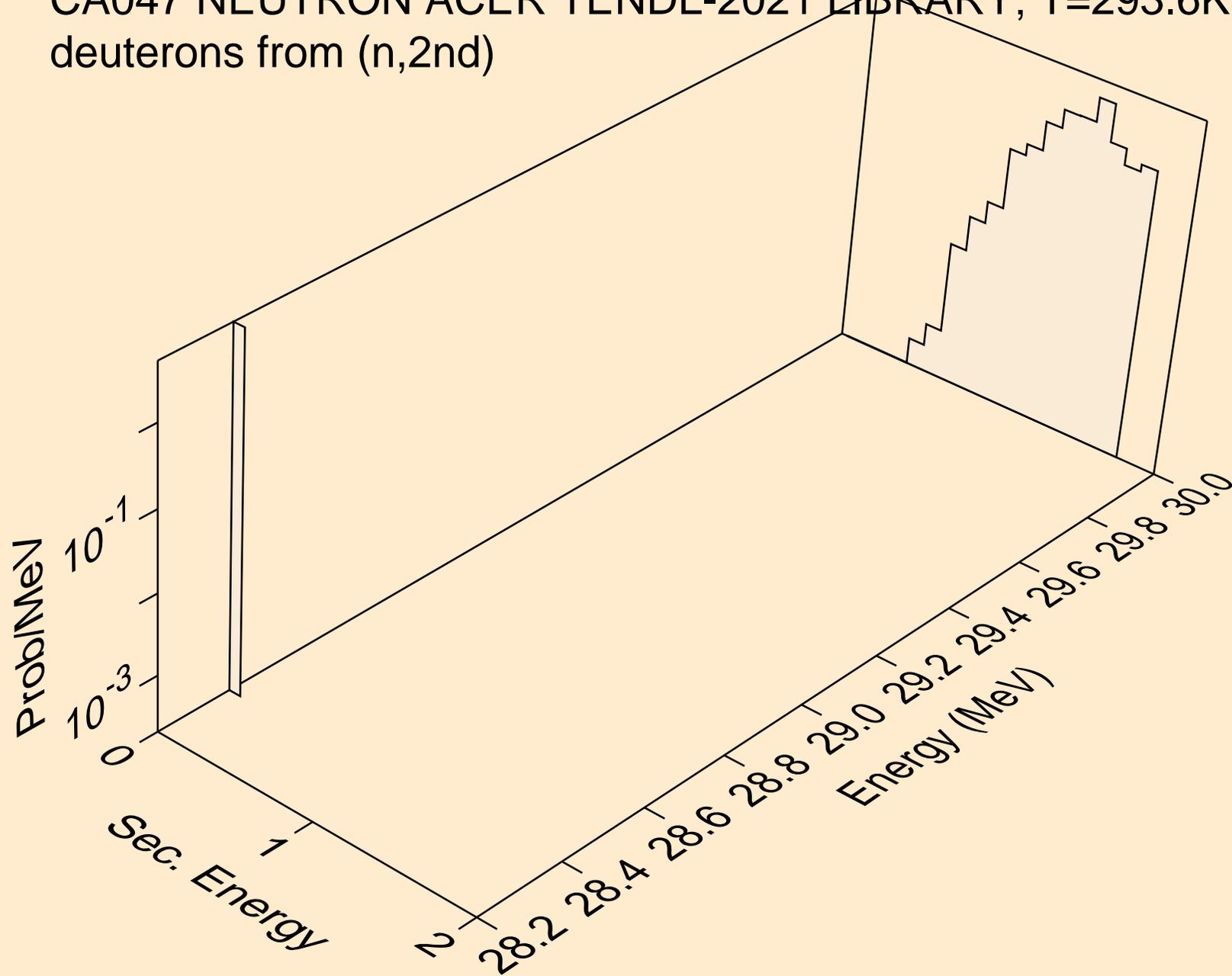
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



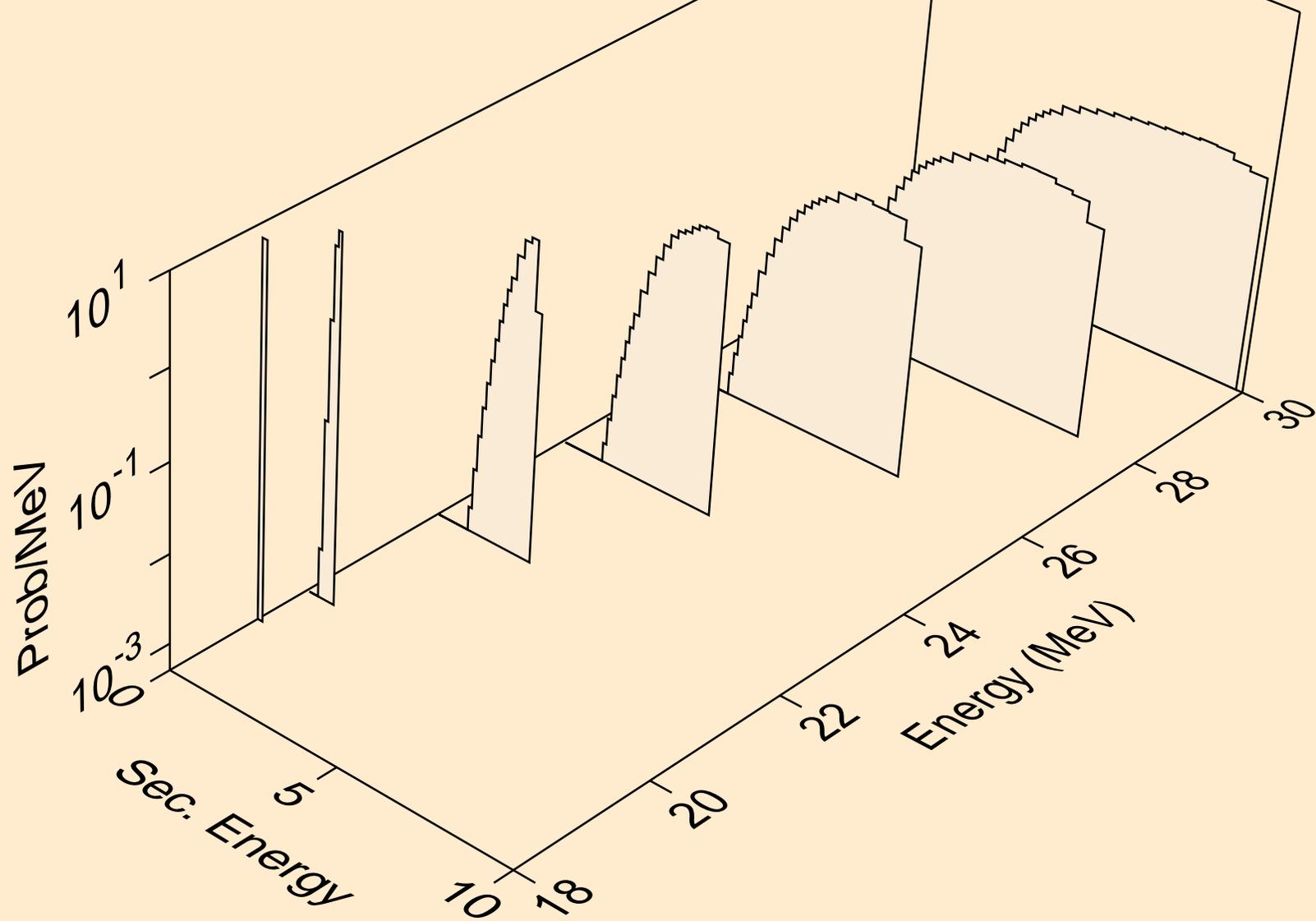
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



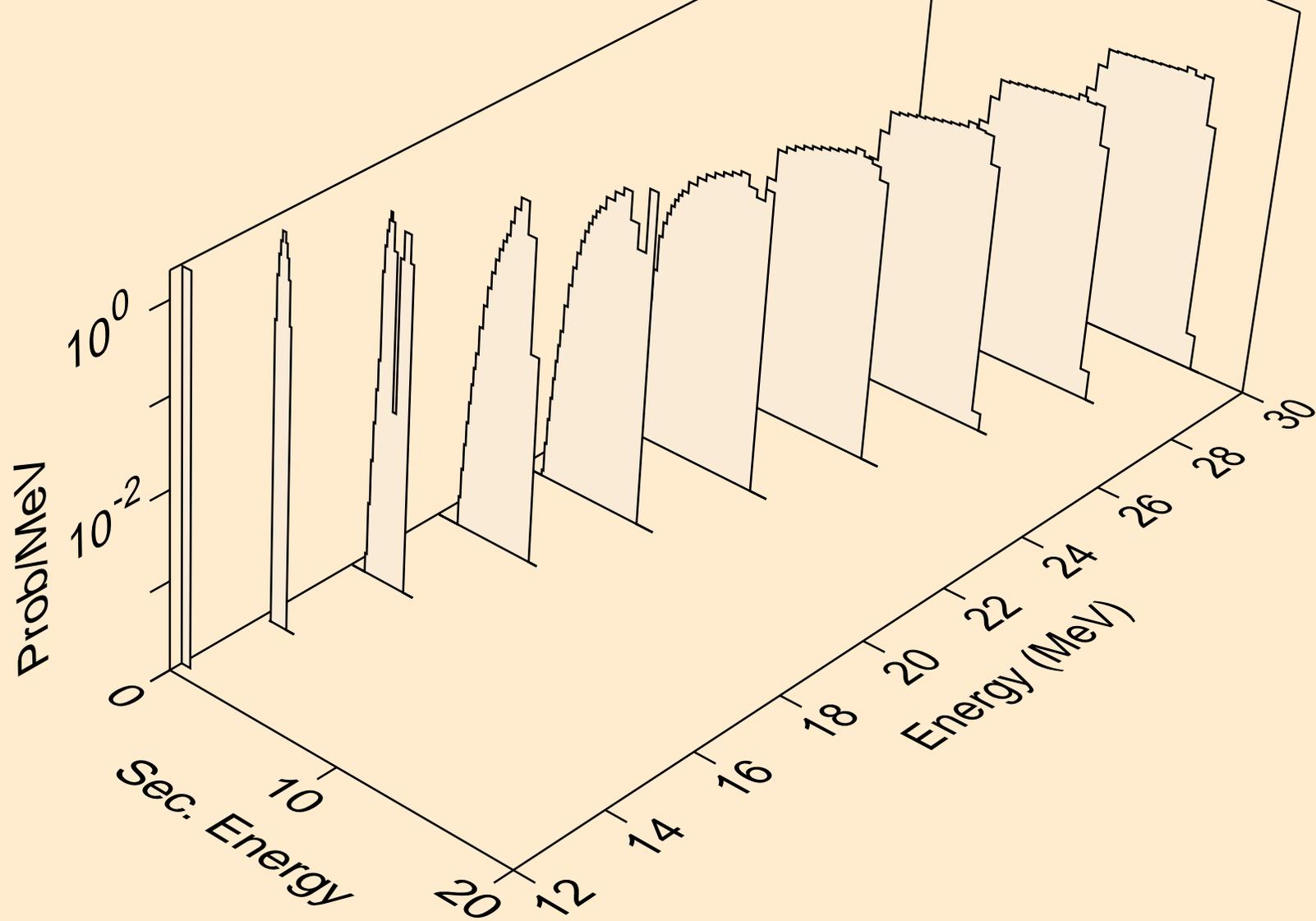
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



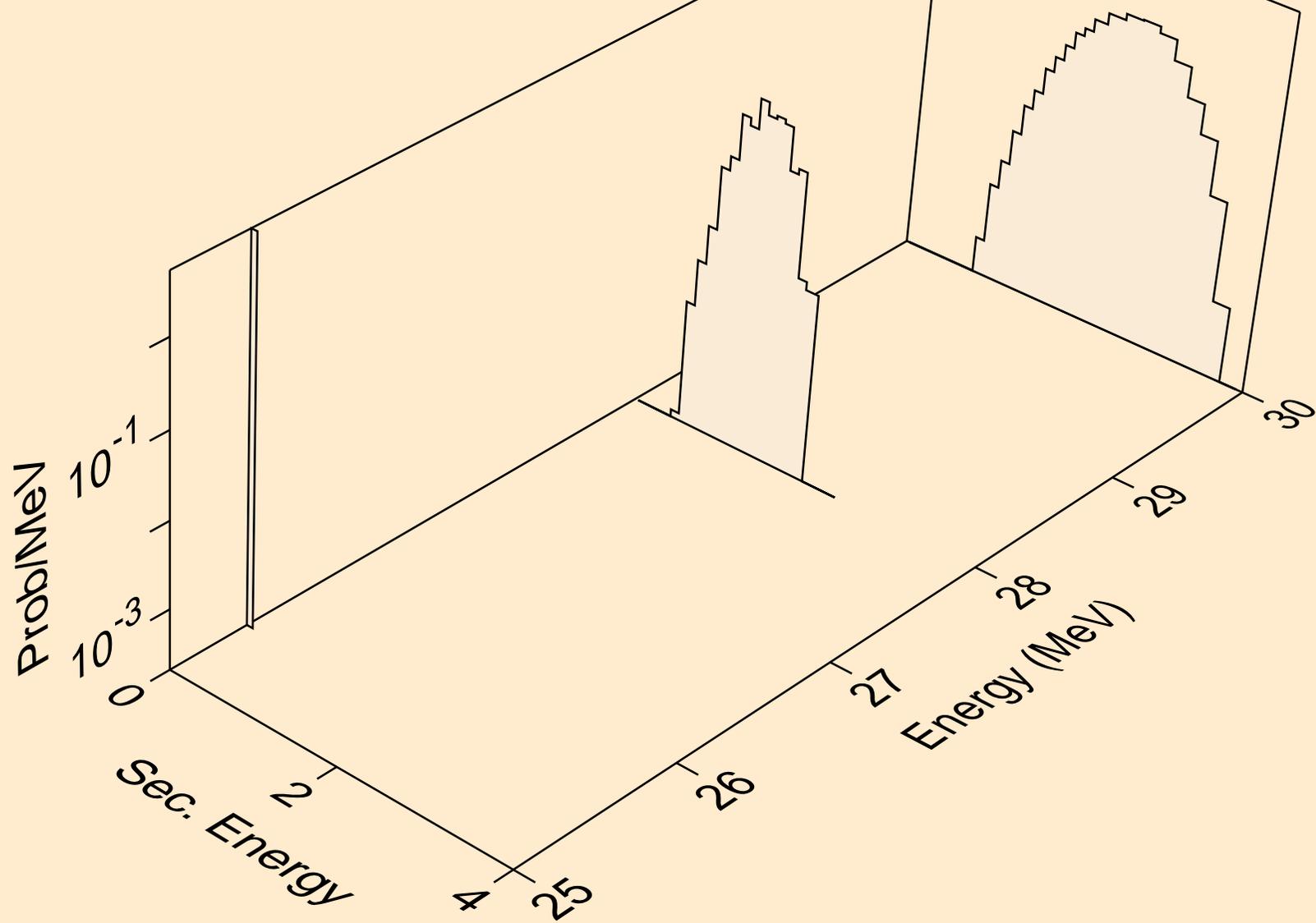
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



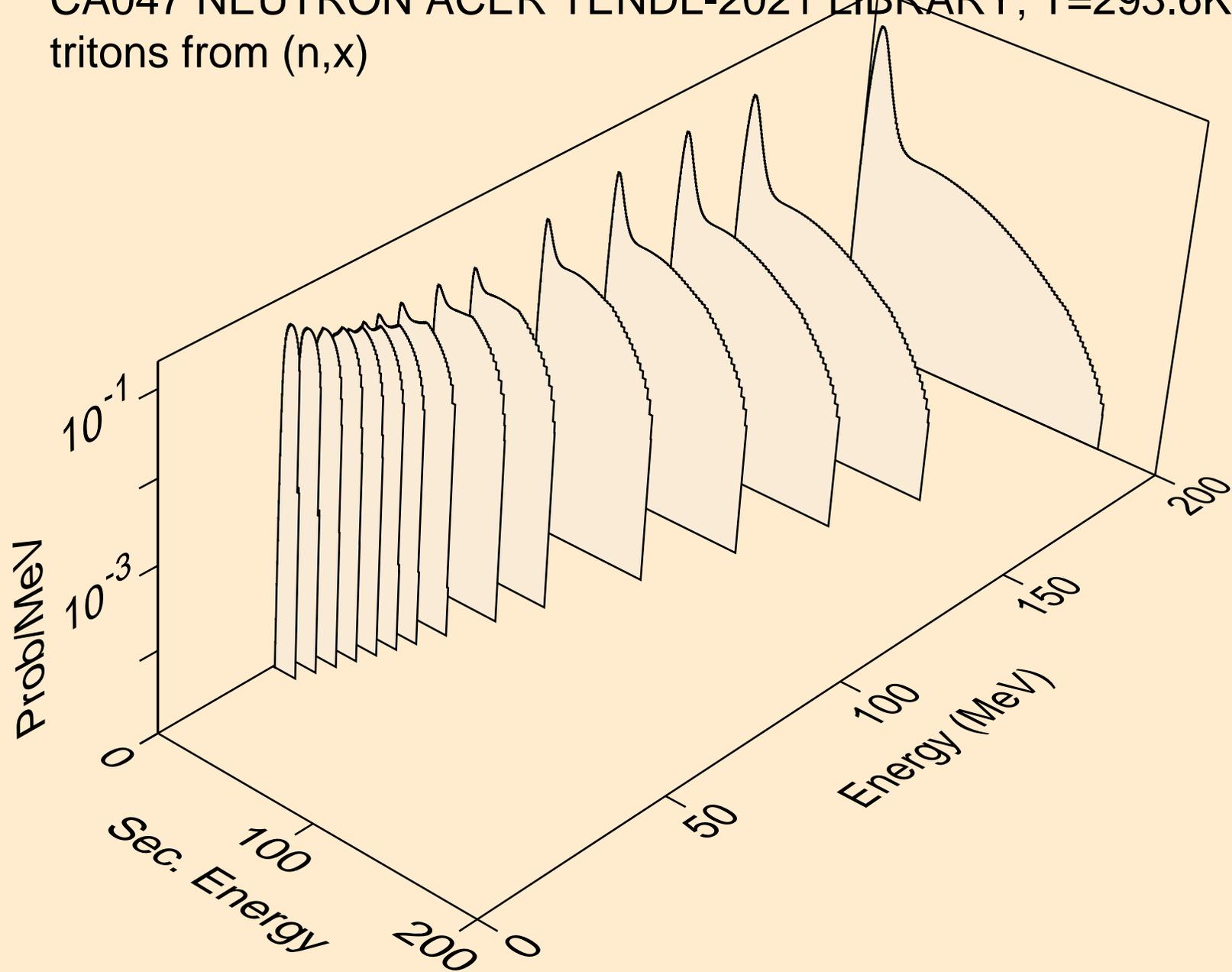
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



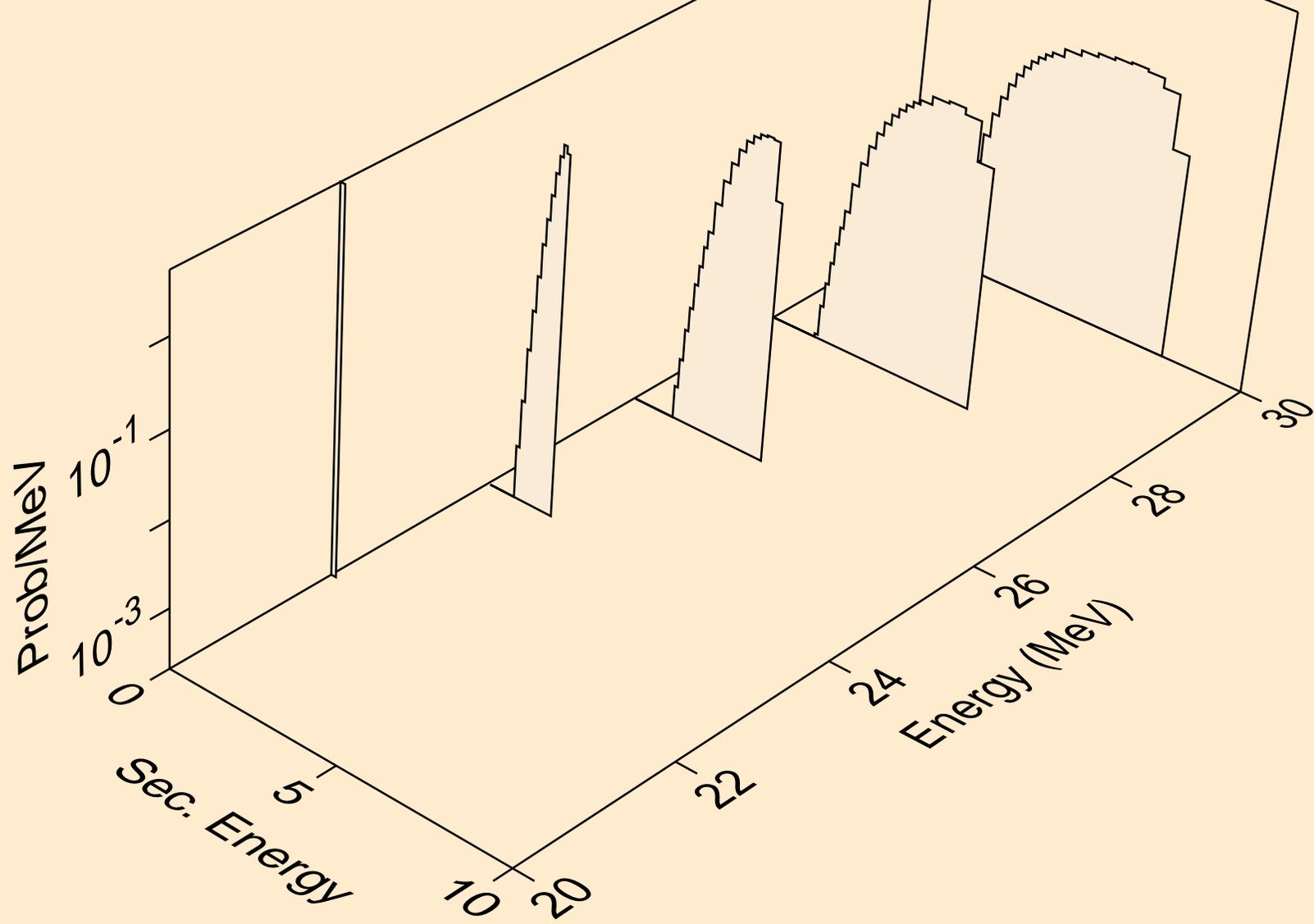
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



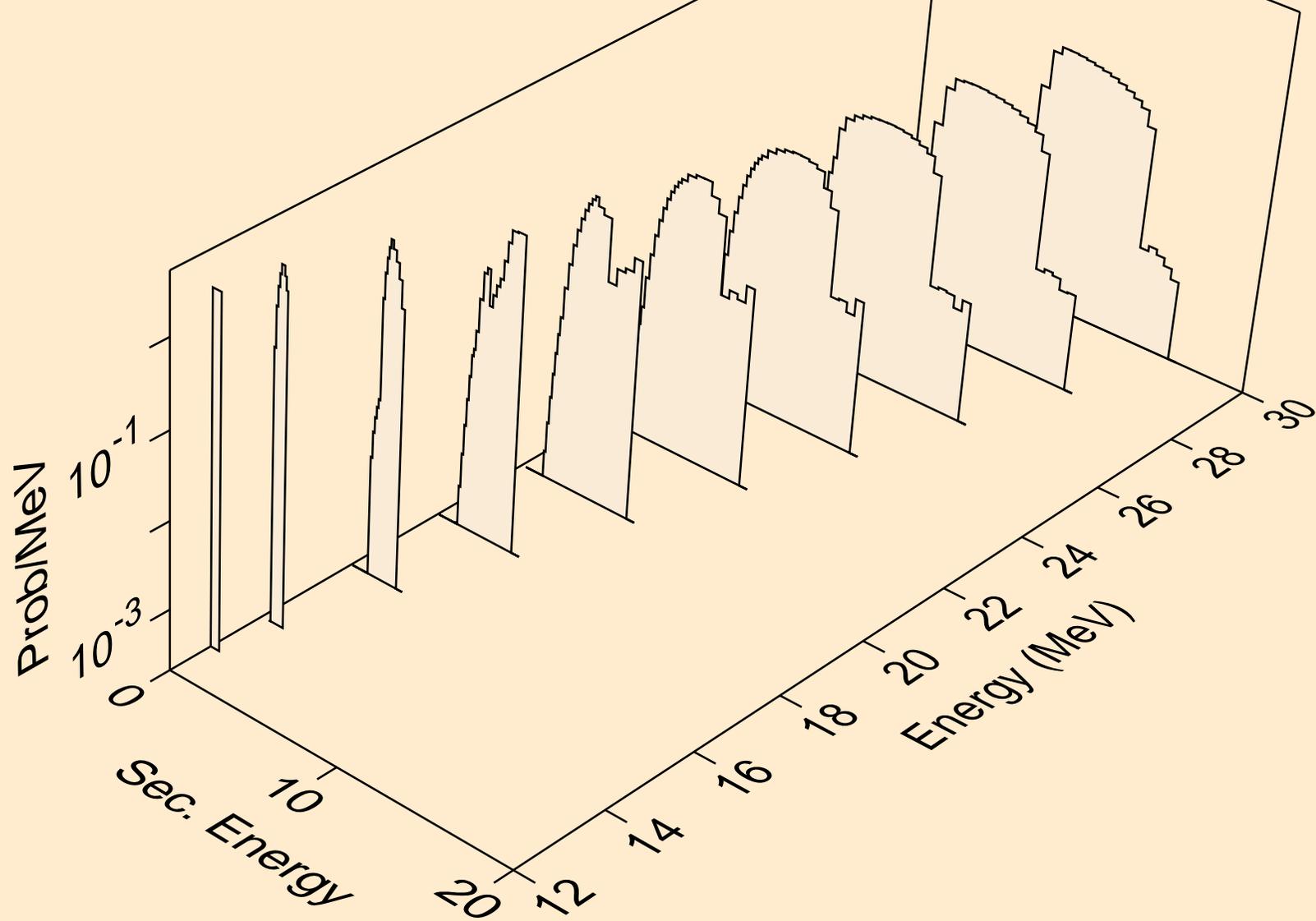
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



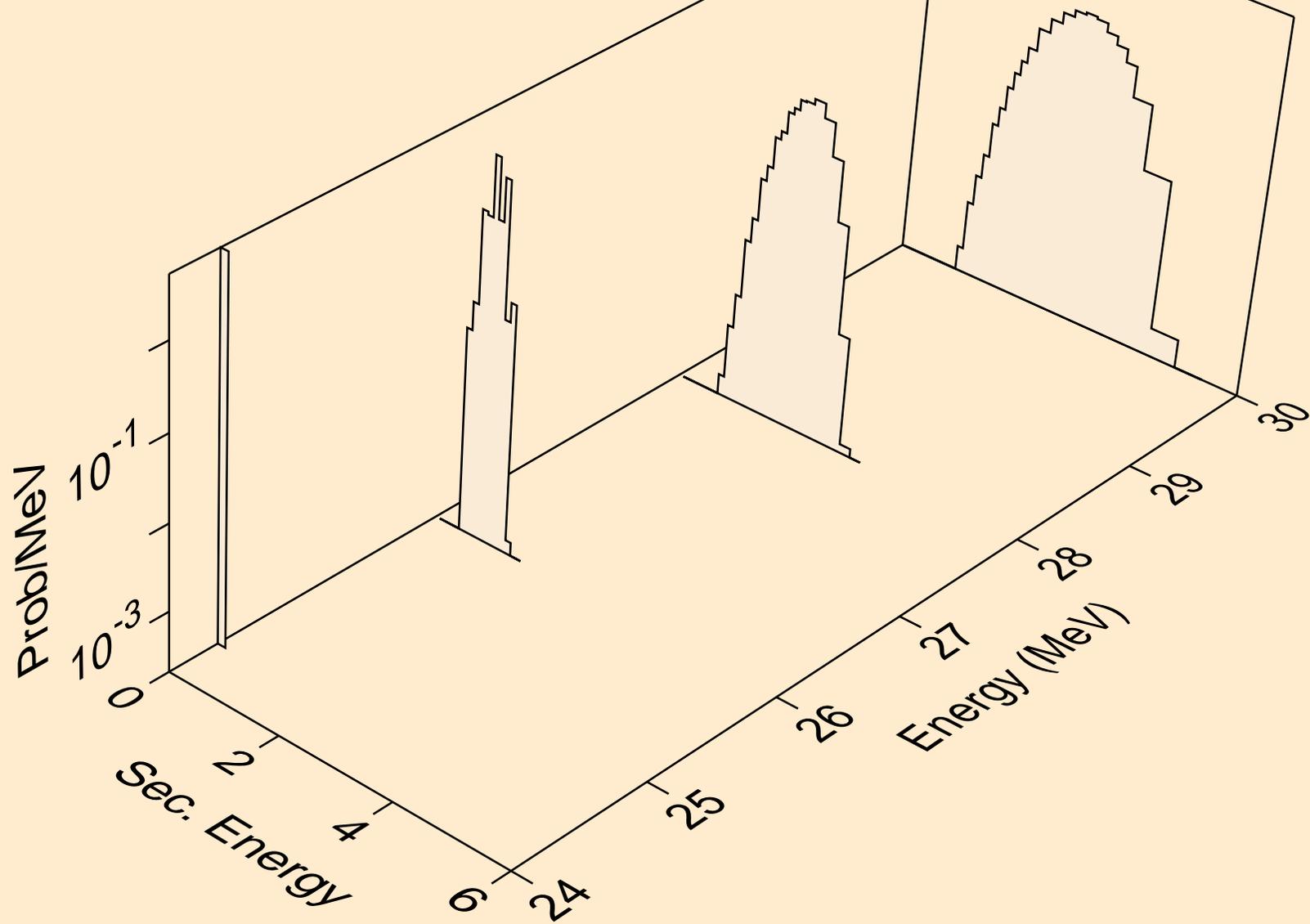
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



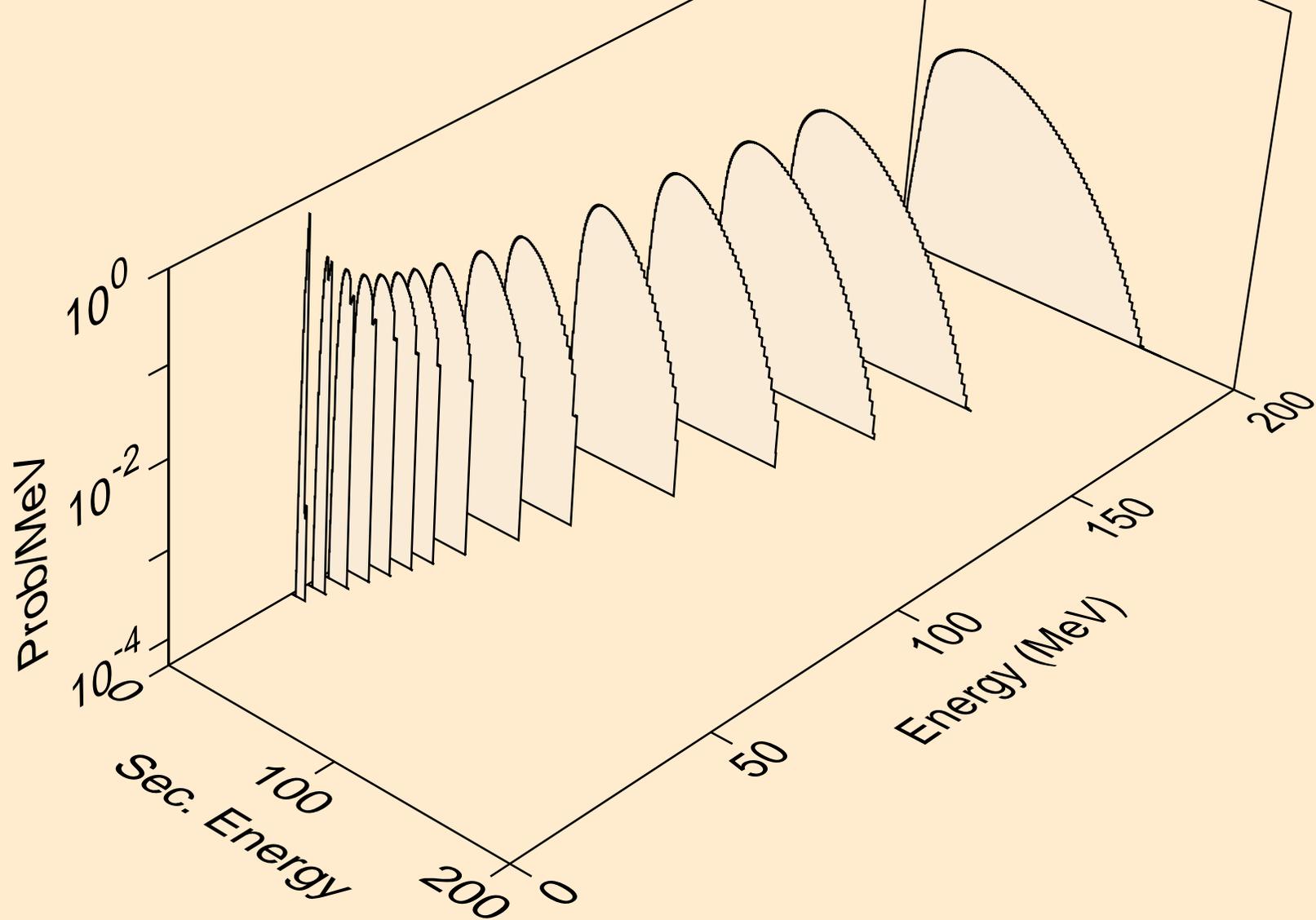
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



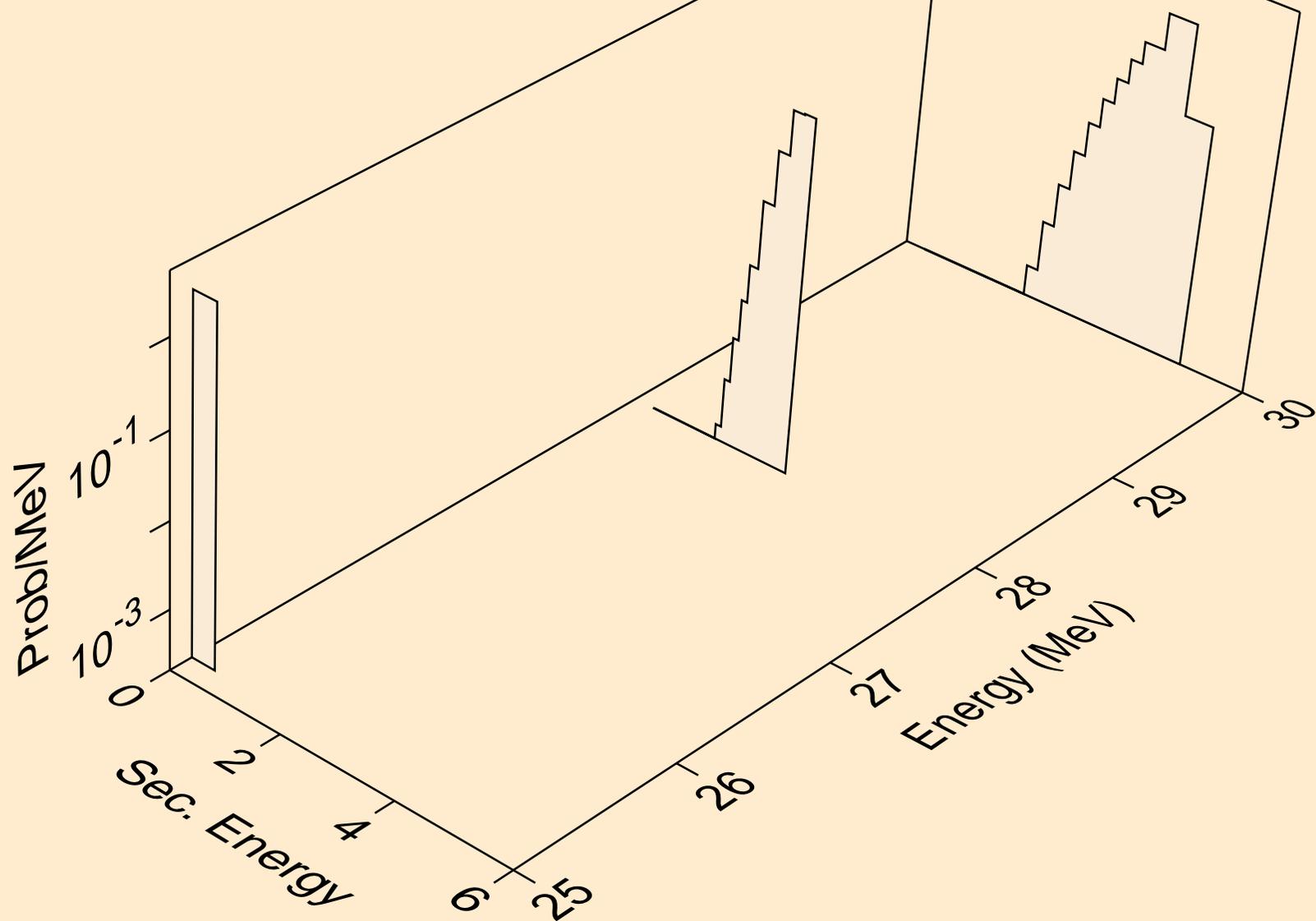
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



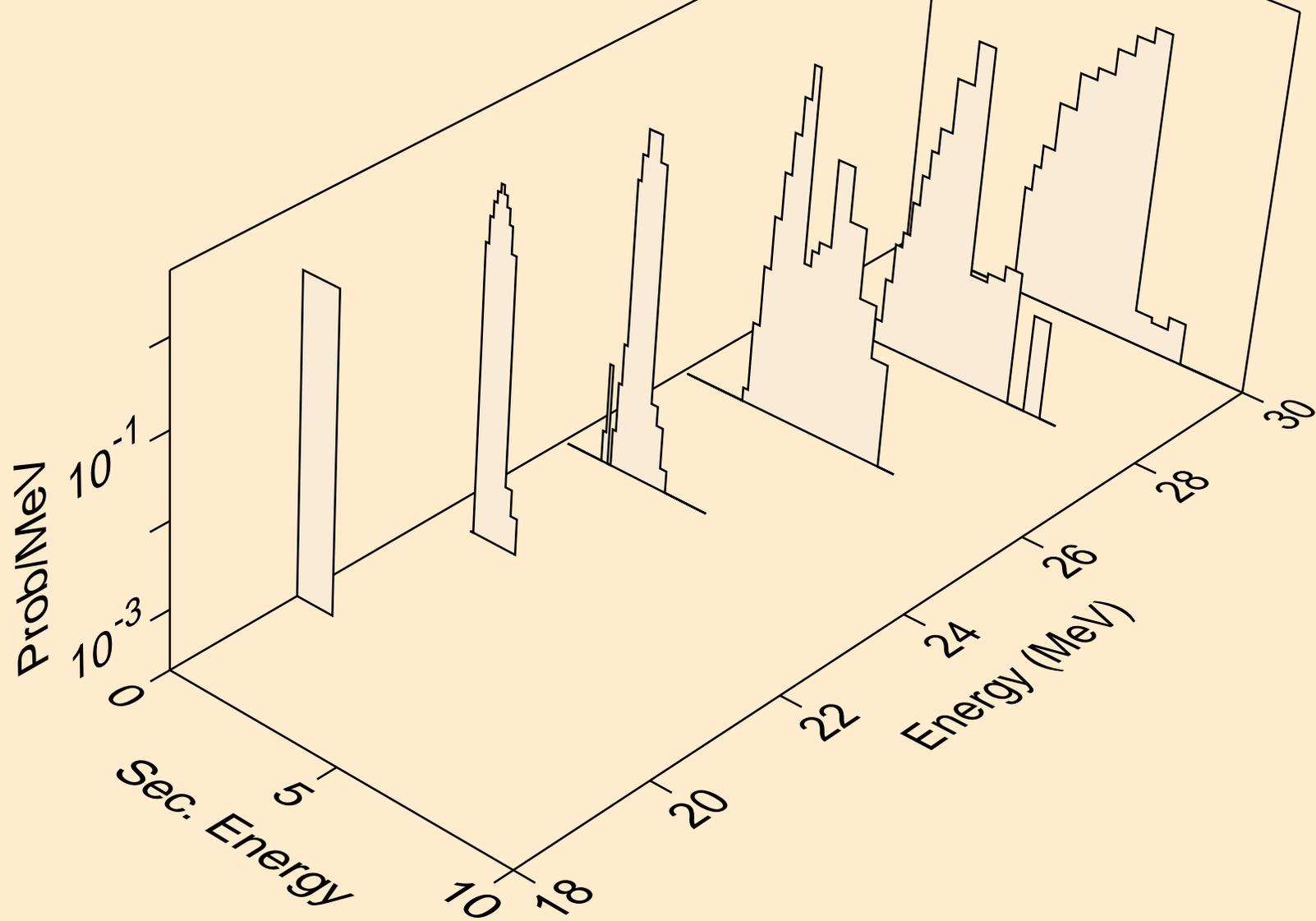
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



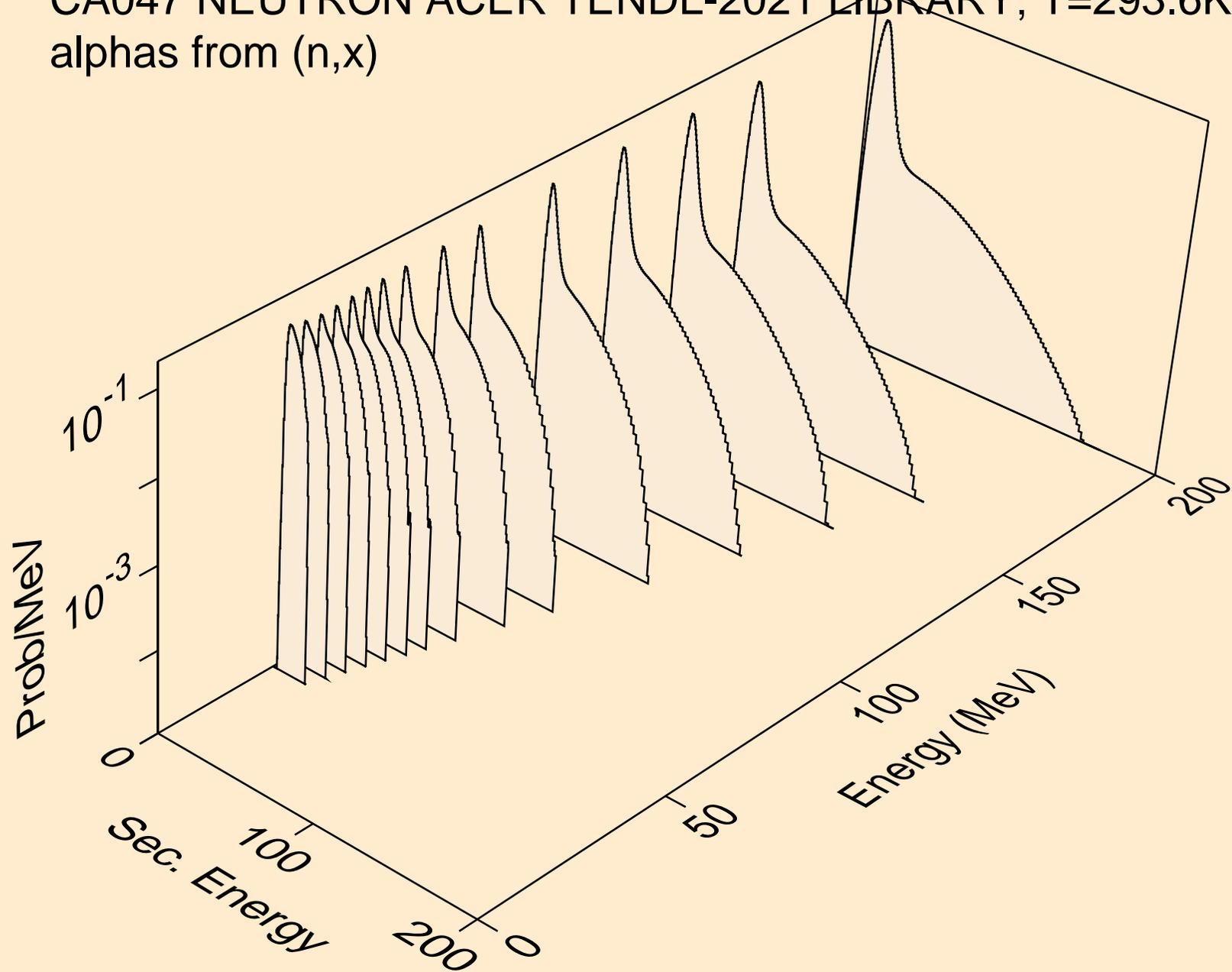
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



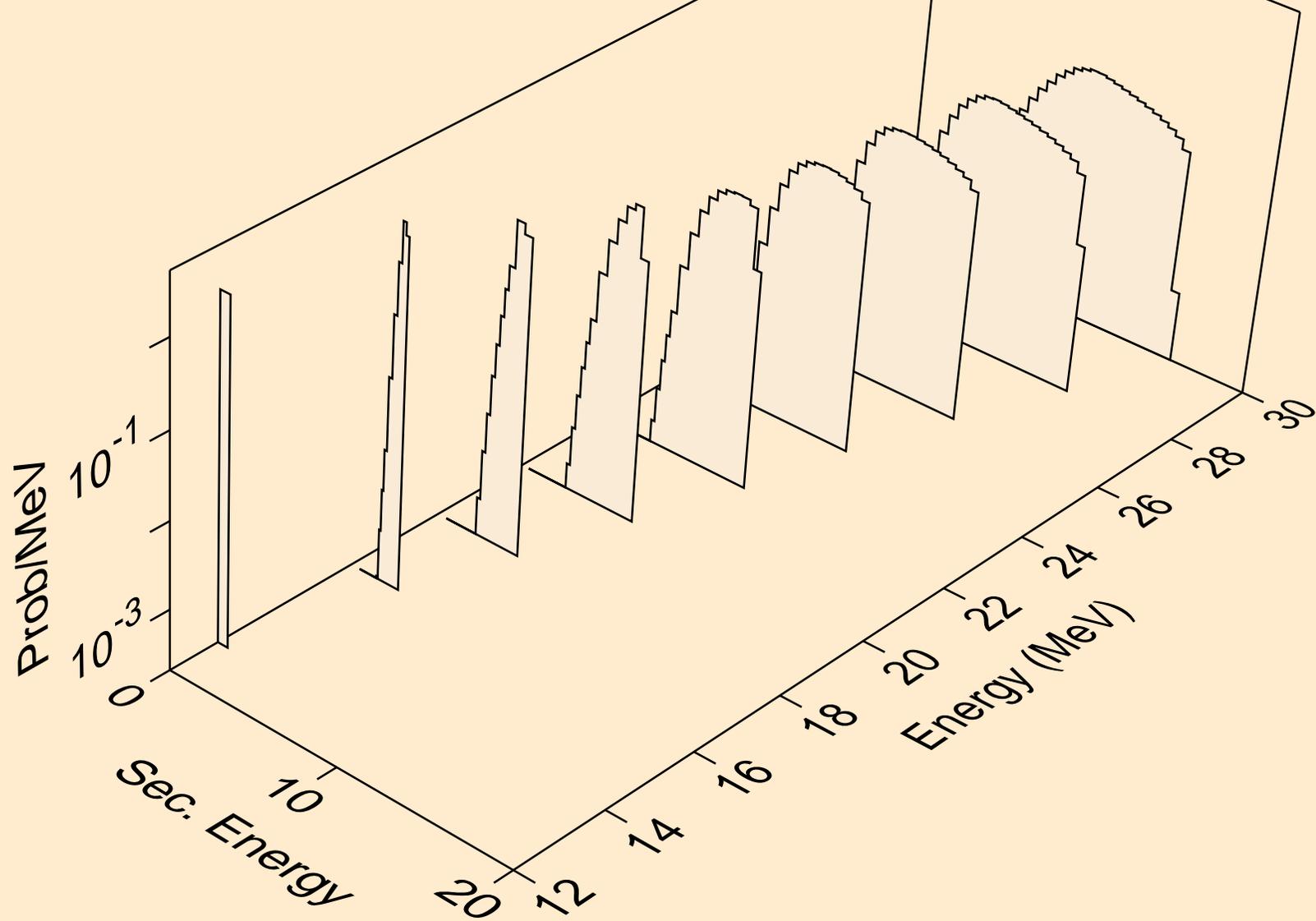
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



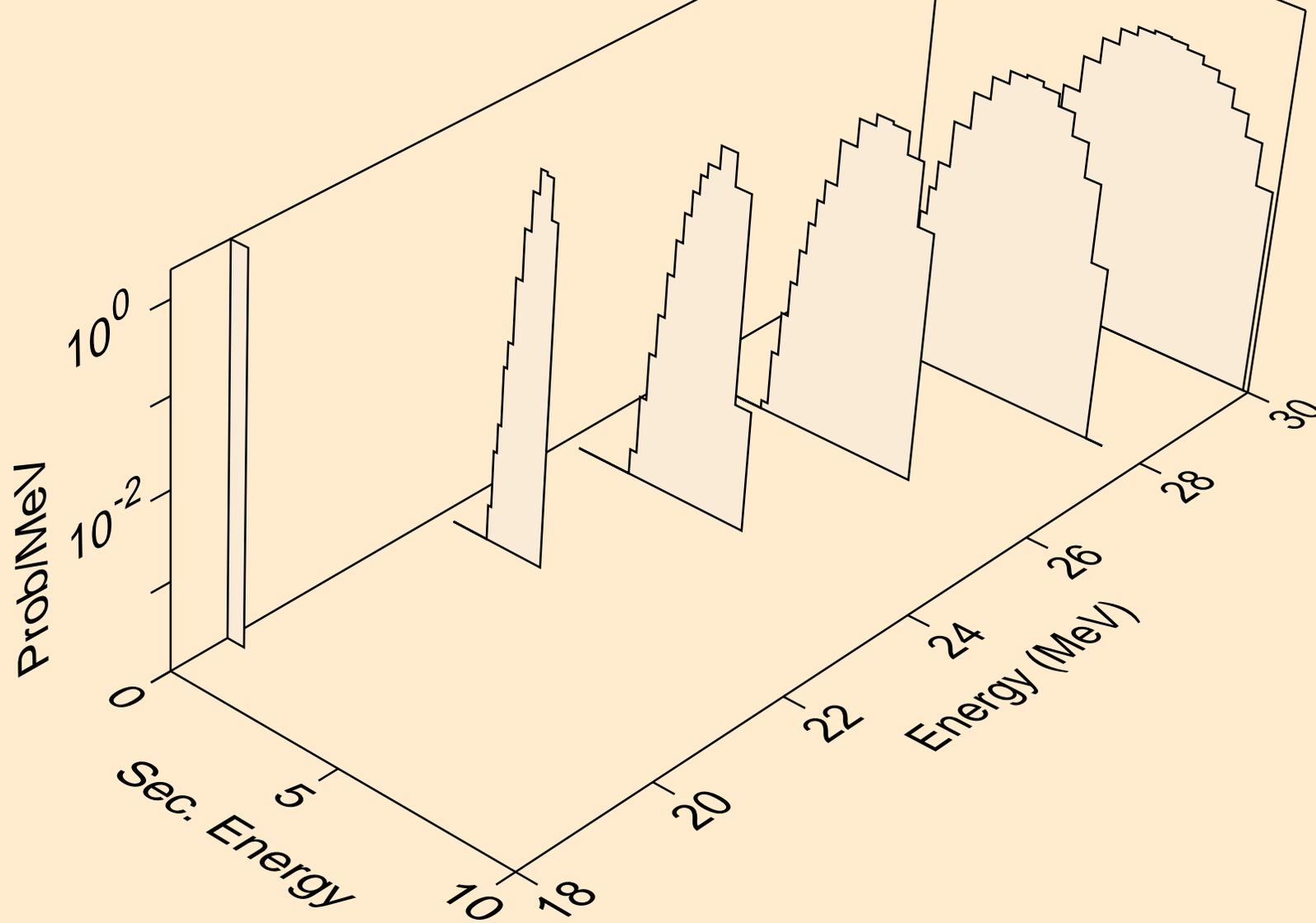
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



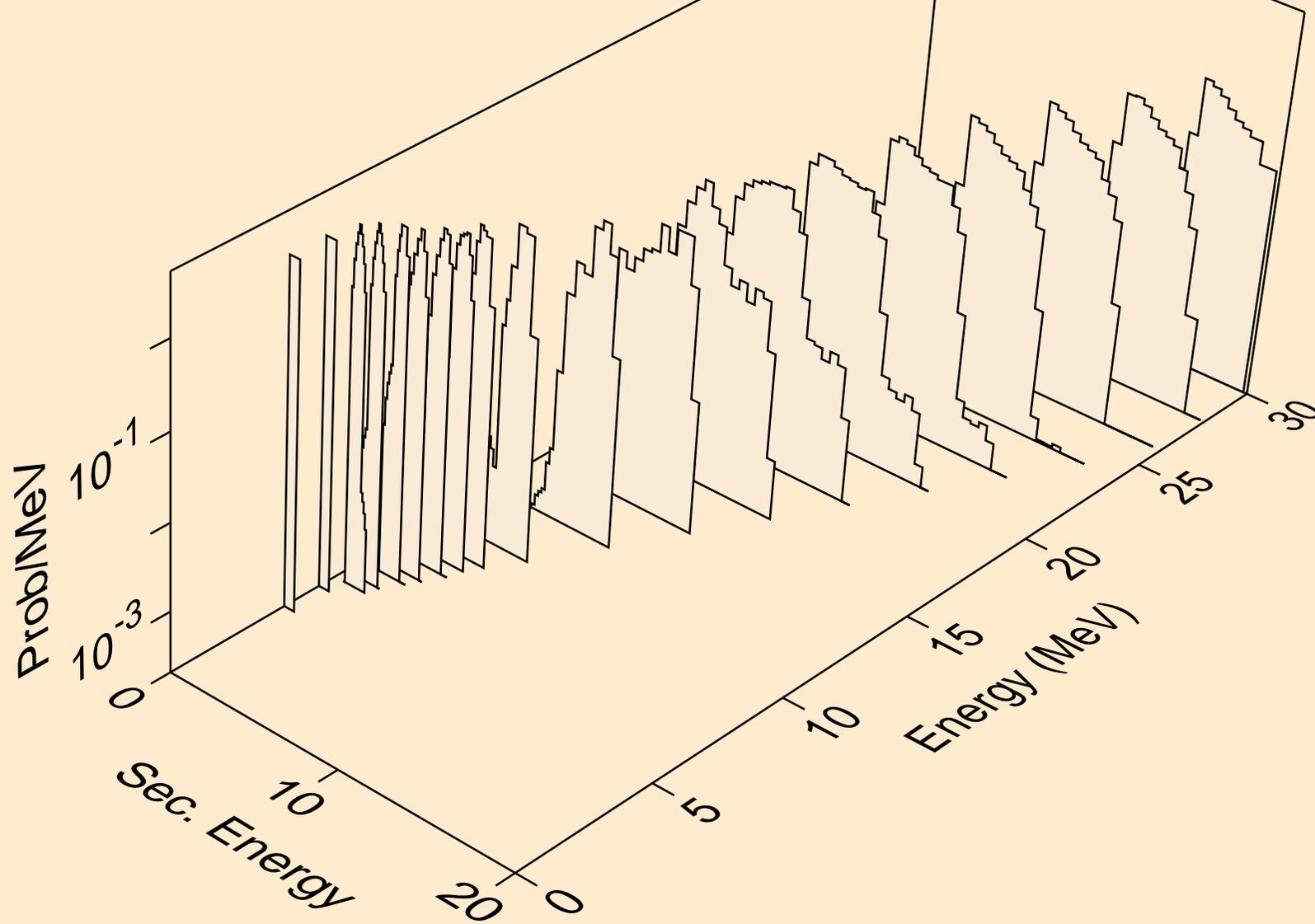
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



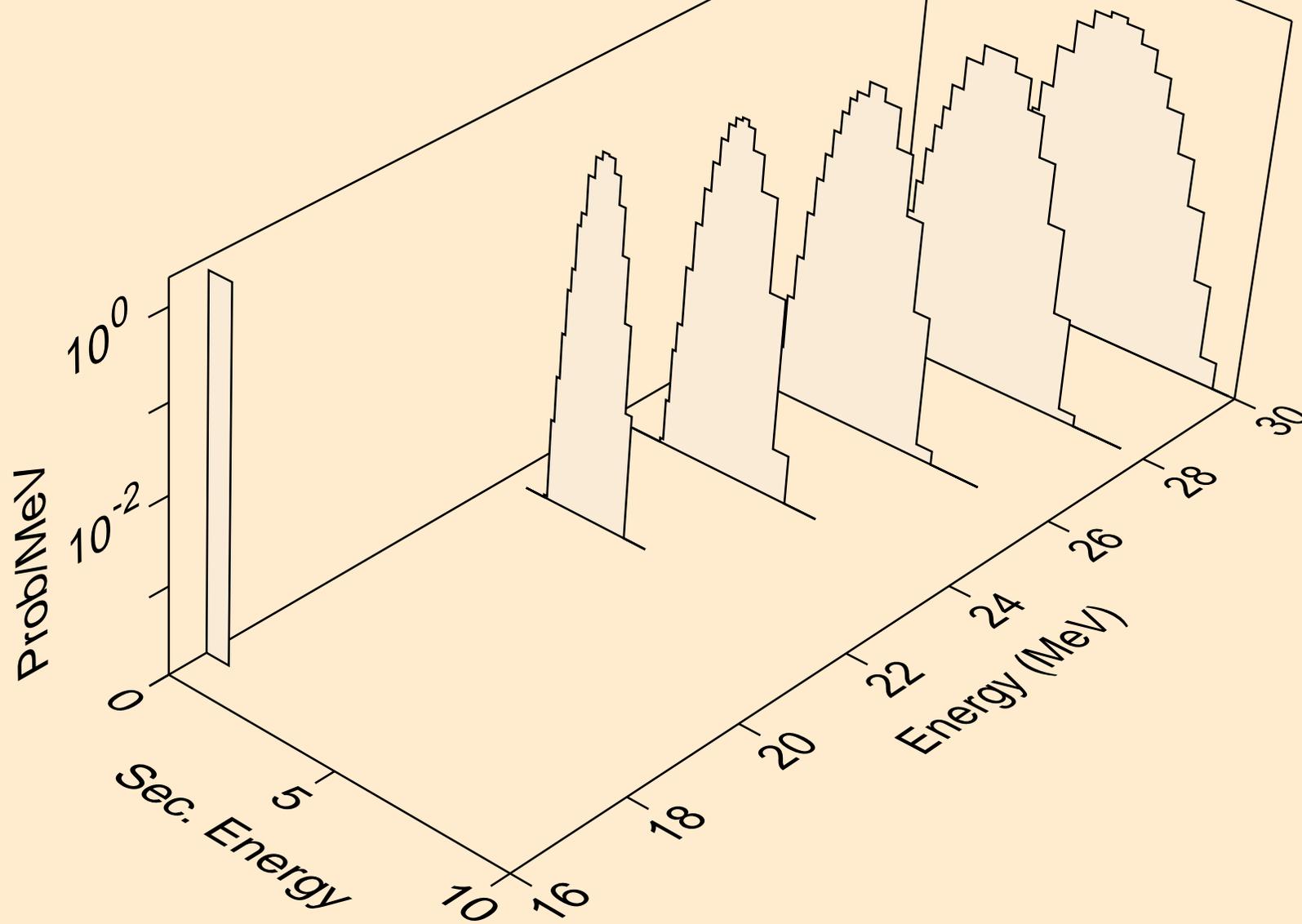
CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



CA047 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)

