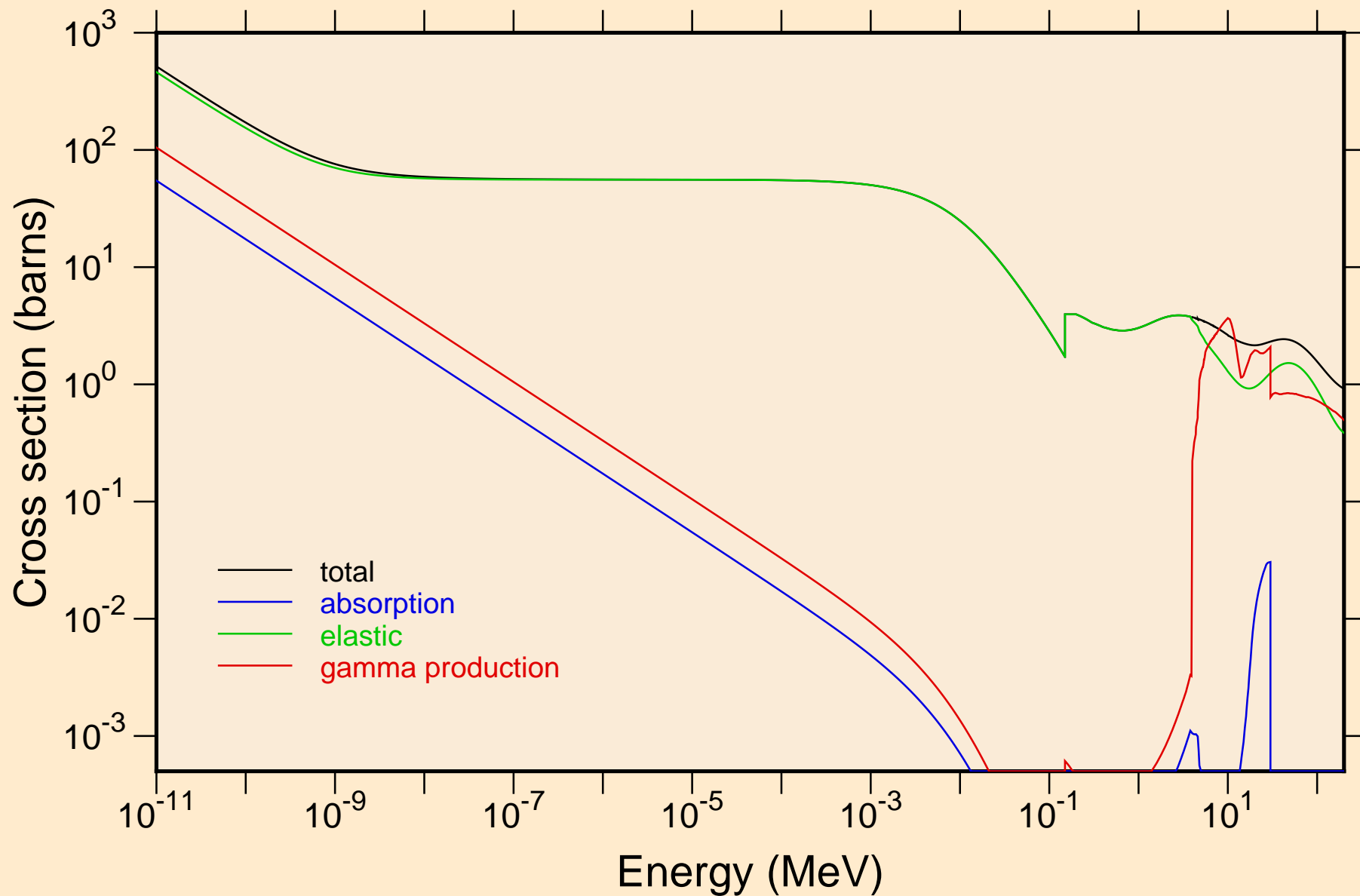
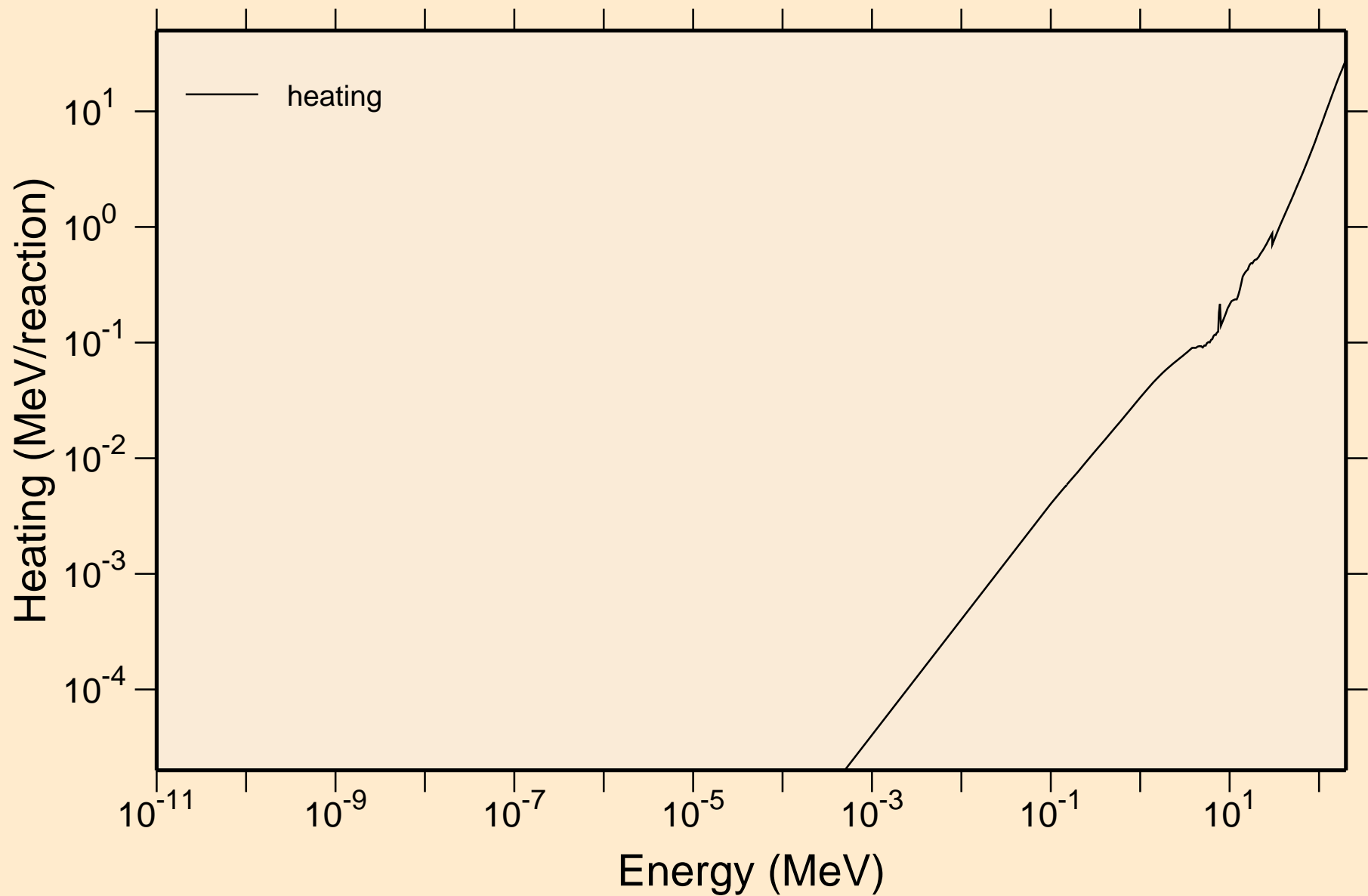


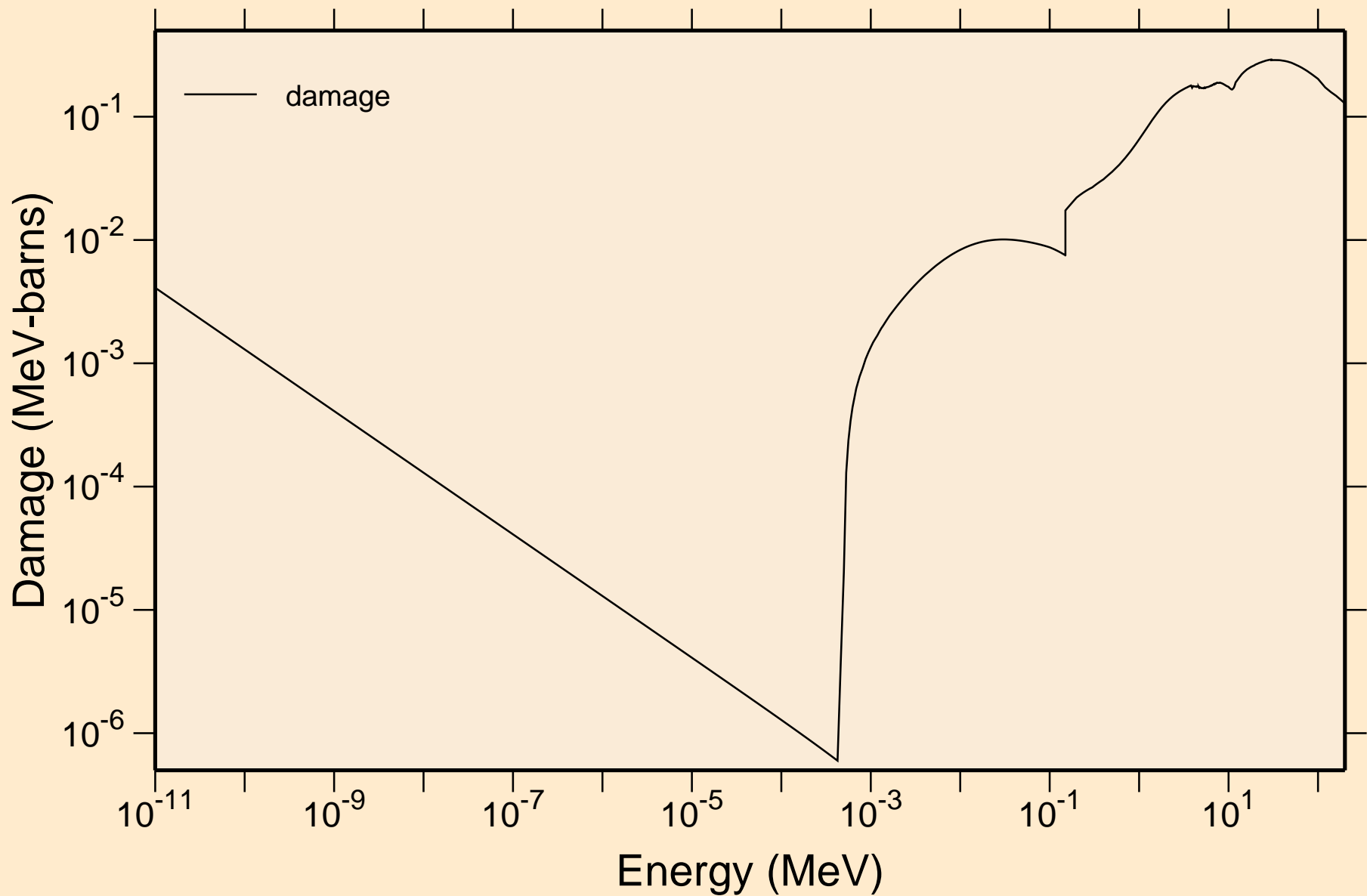
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



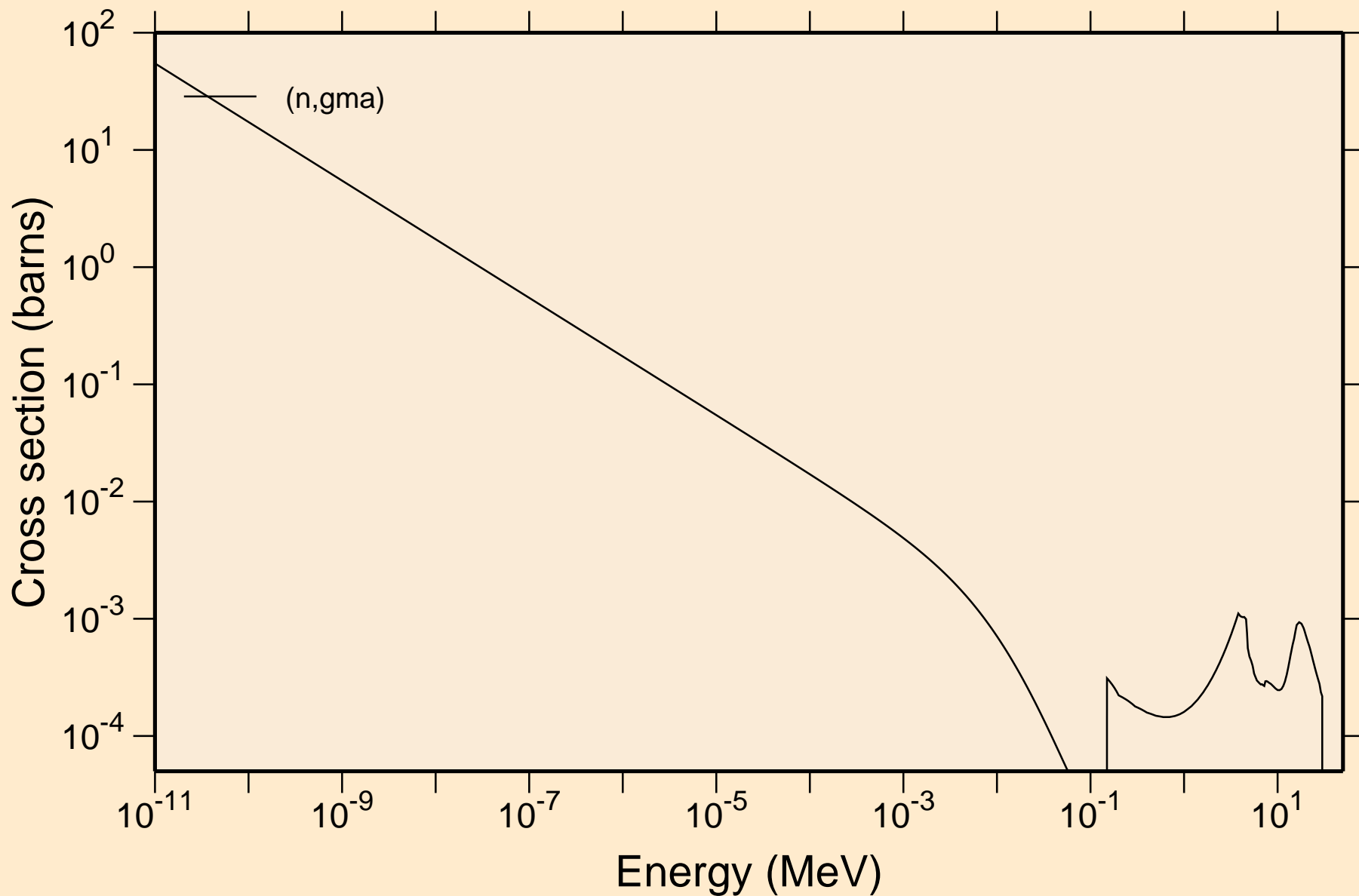
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

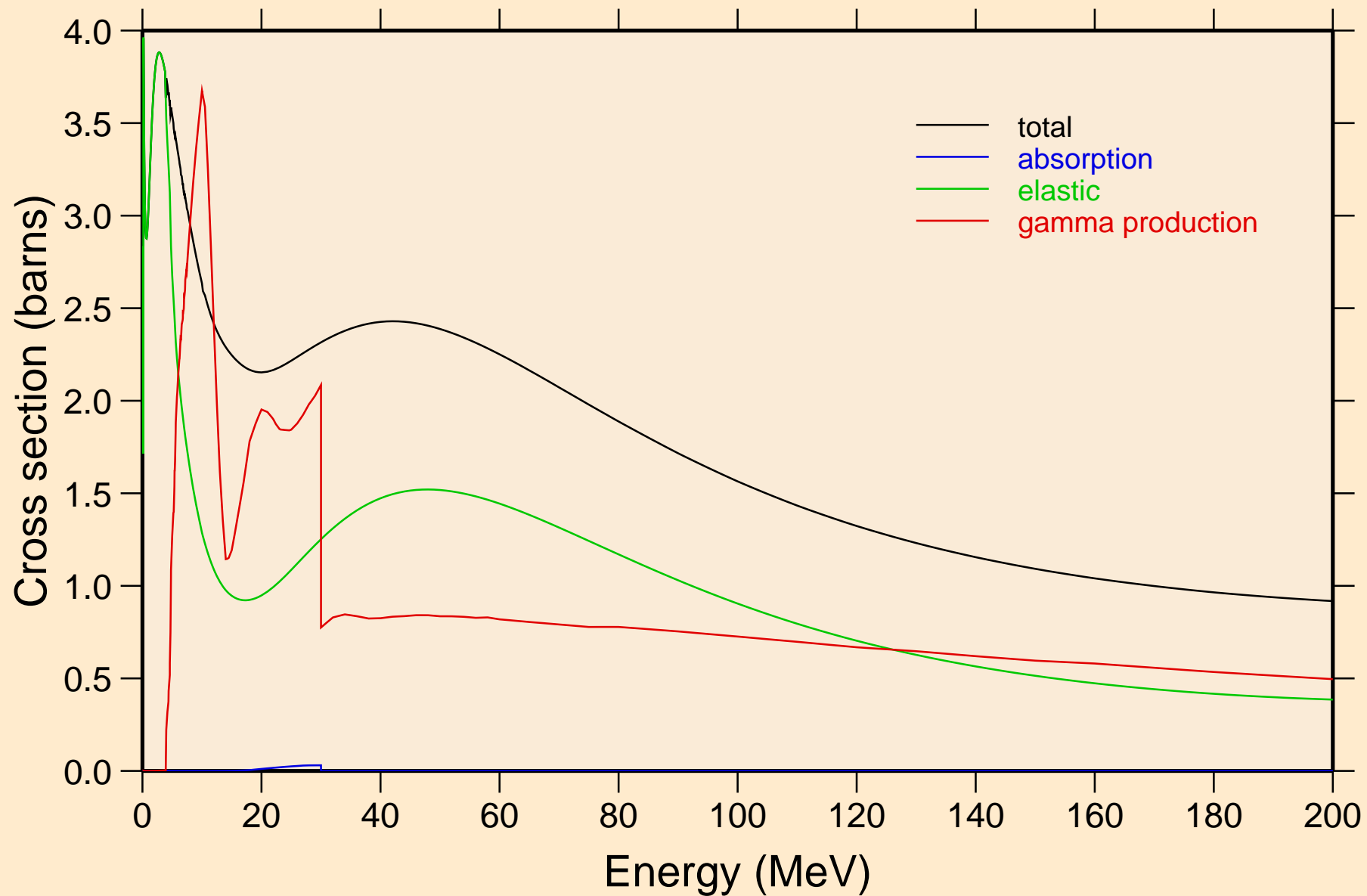


CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

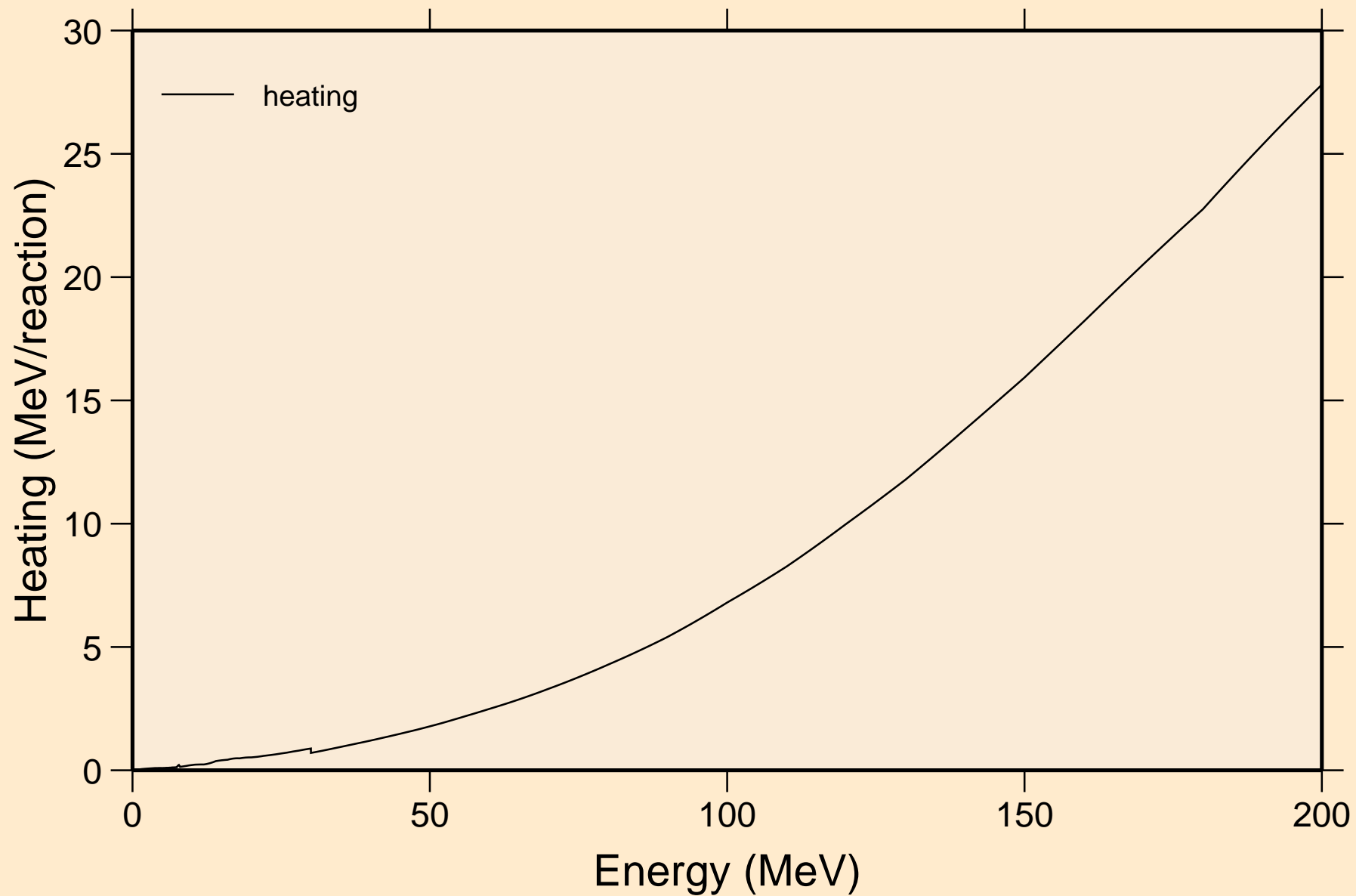


# CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

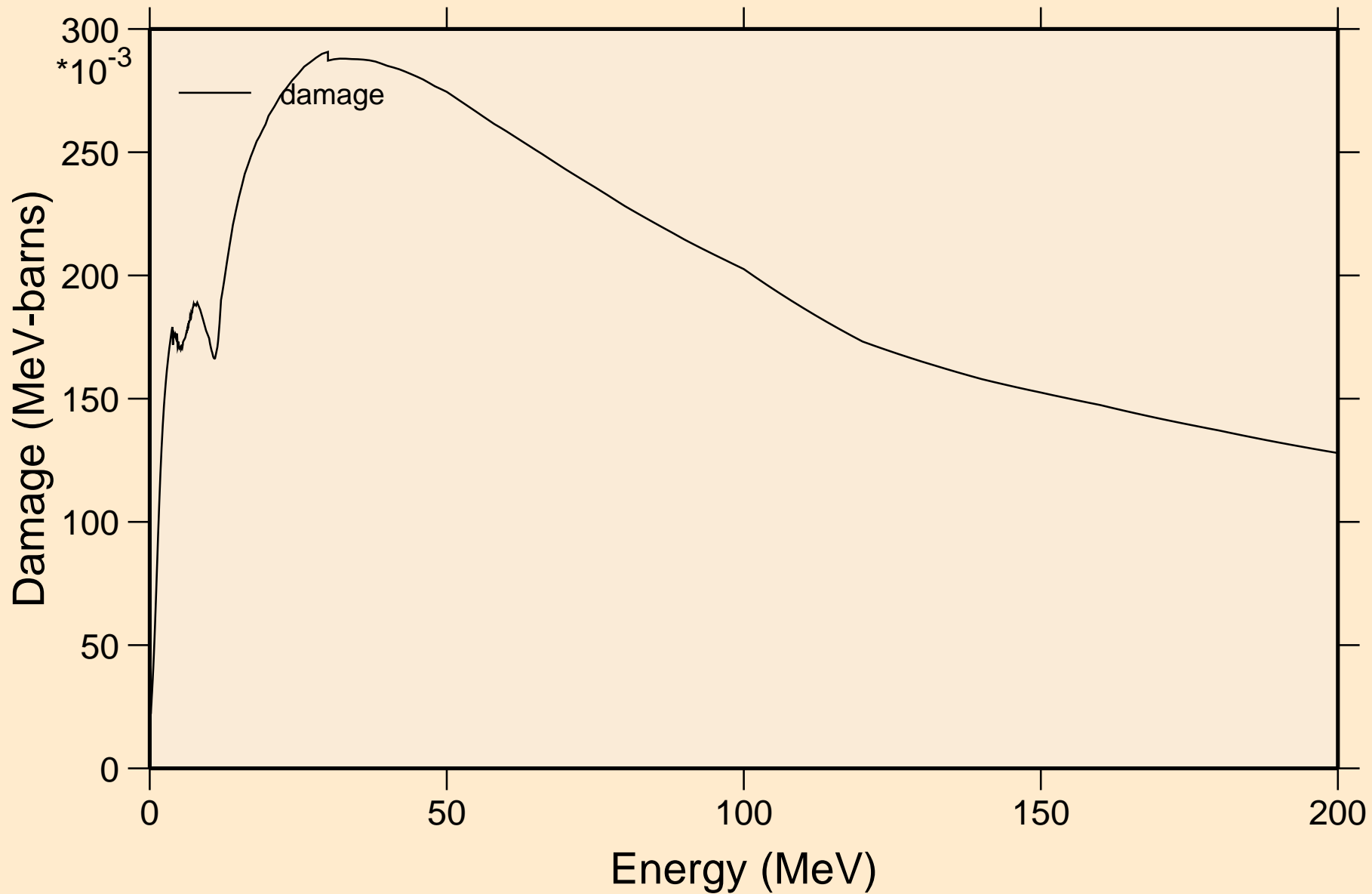
## Principal cross sections



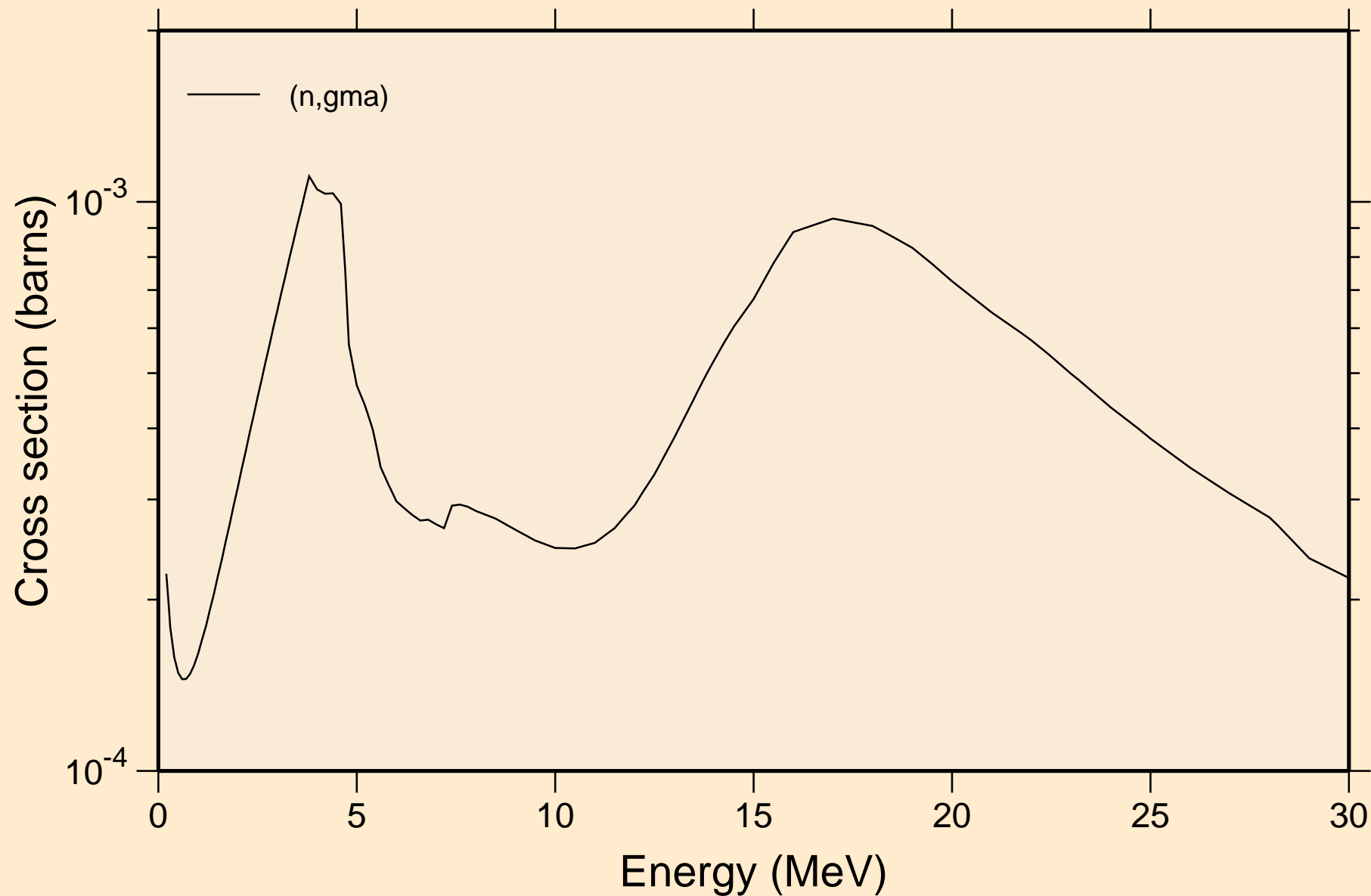
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



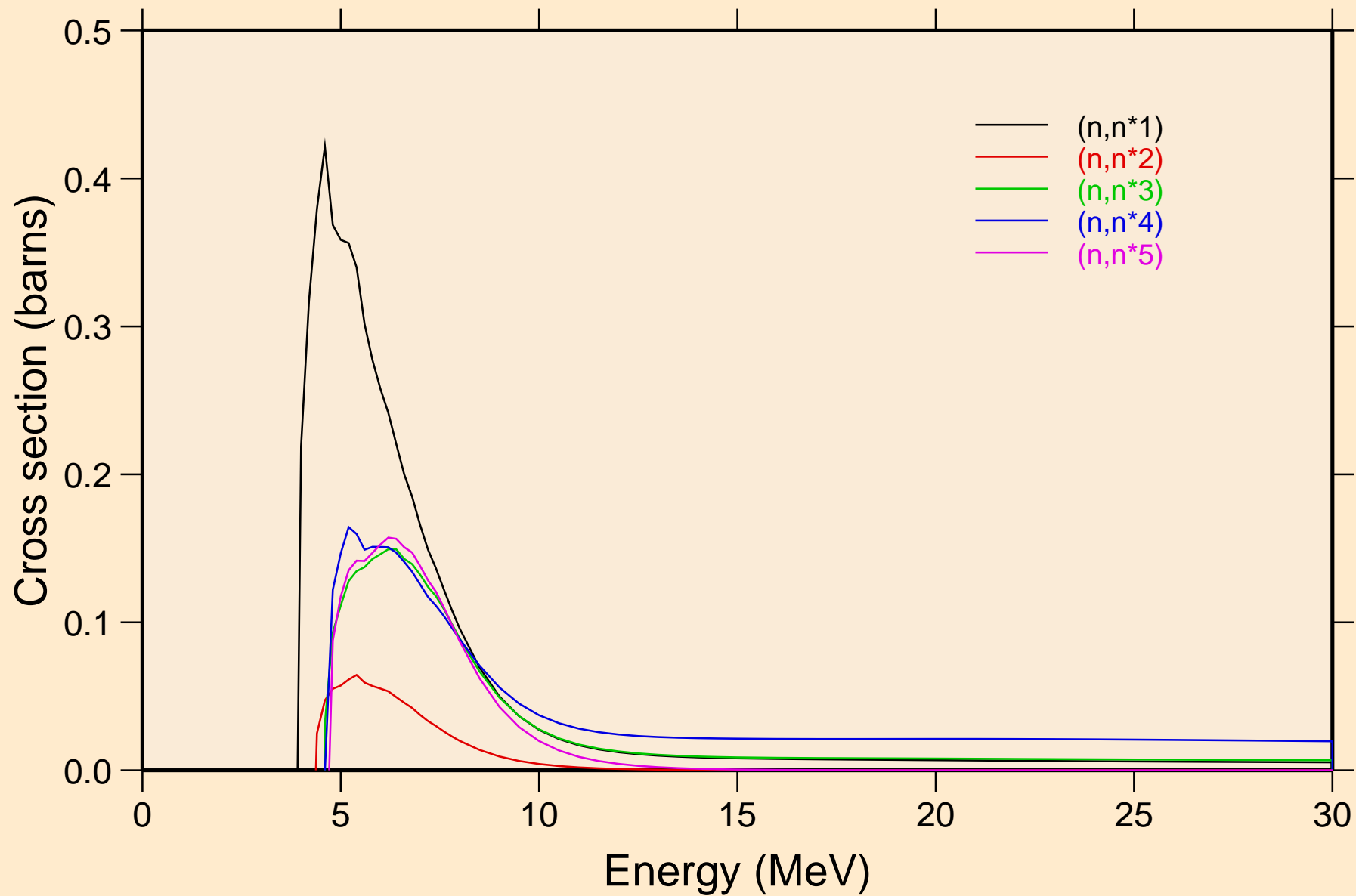
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



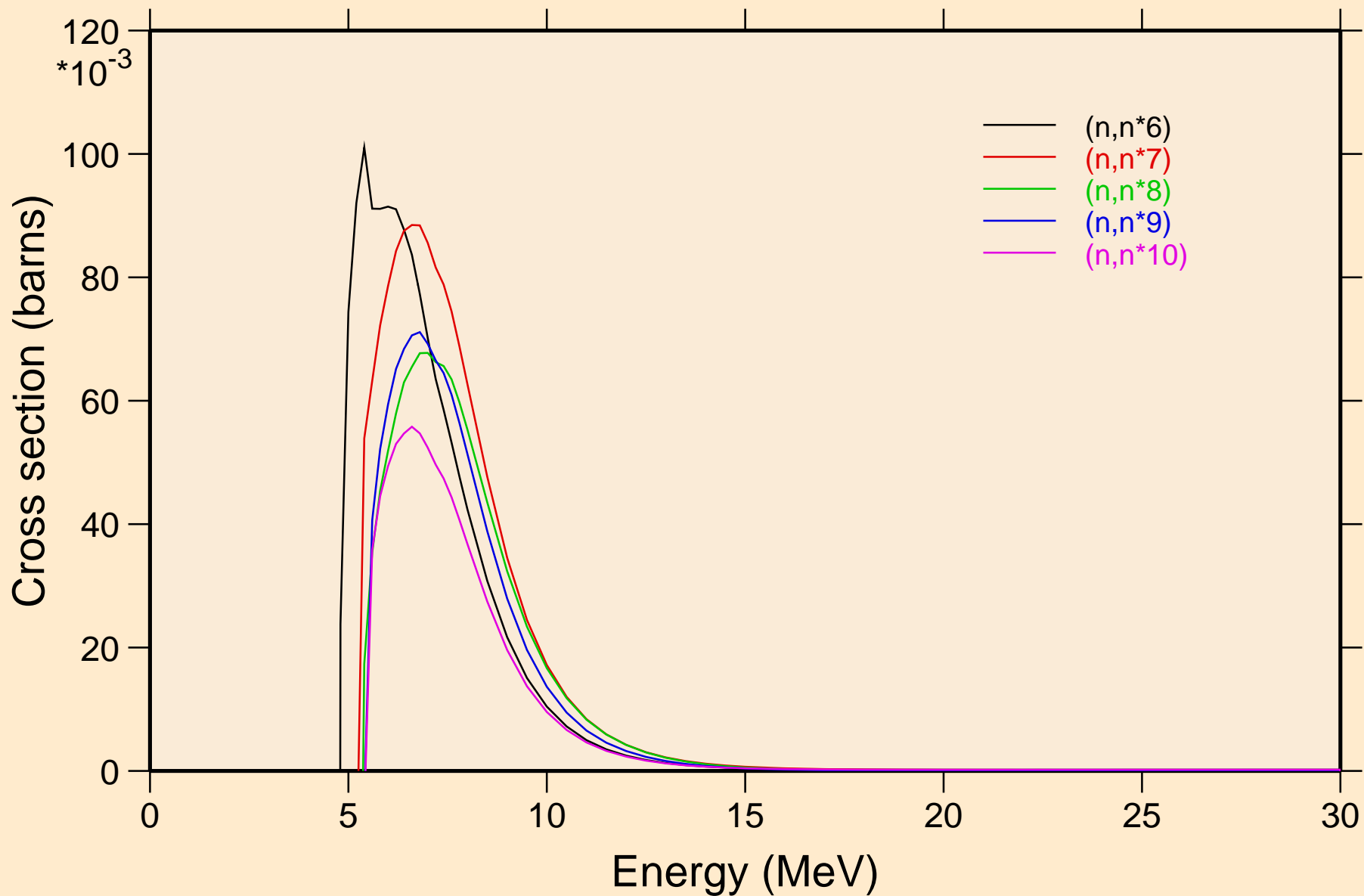
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



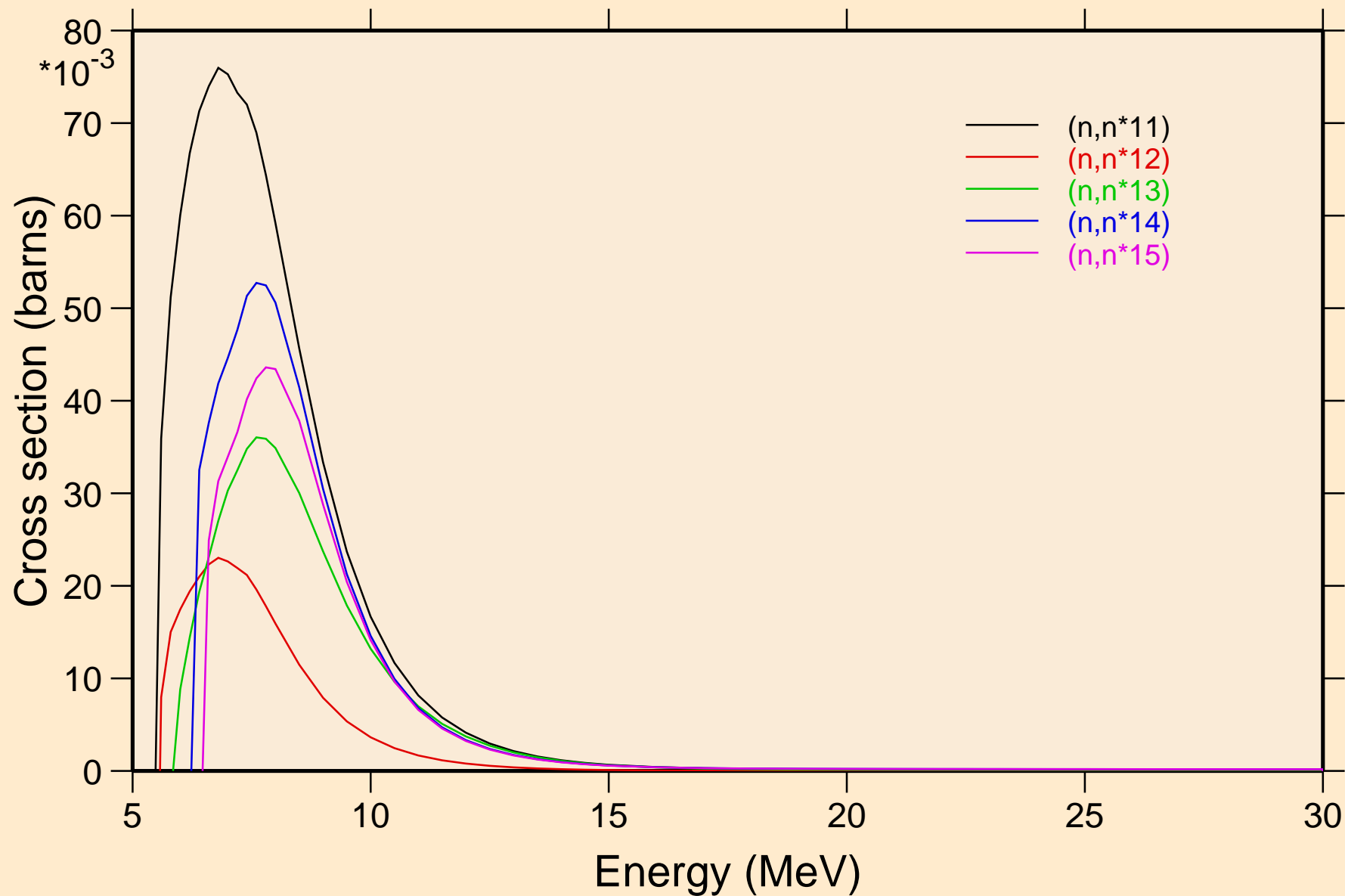
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



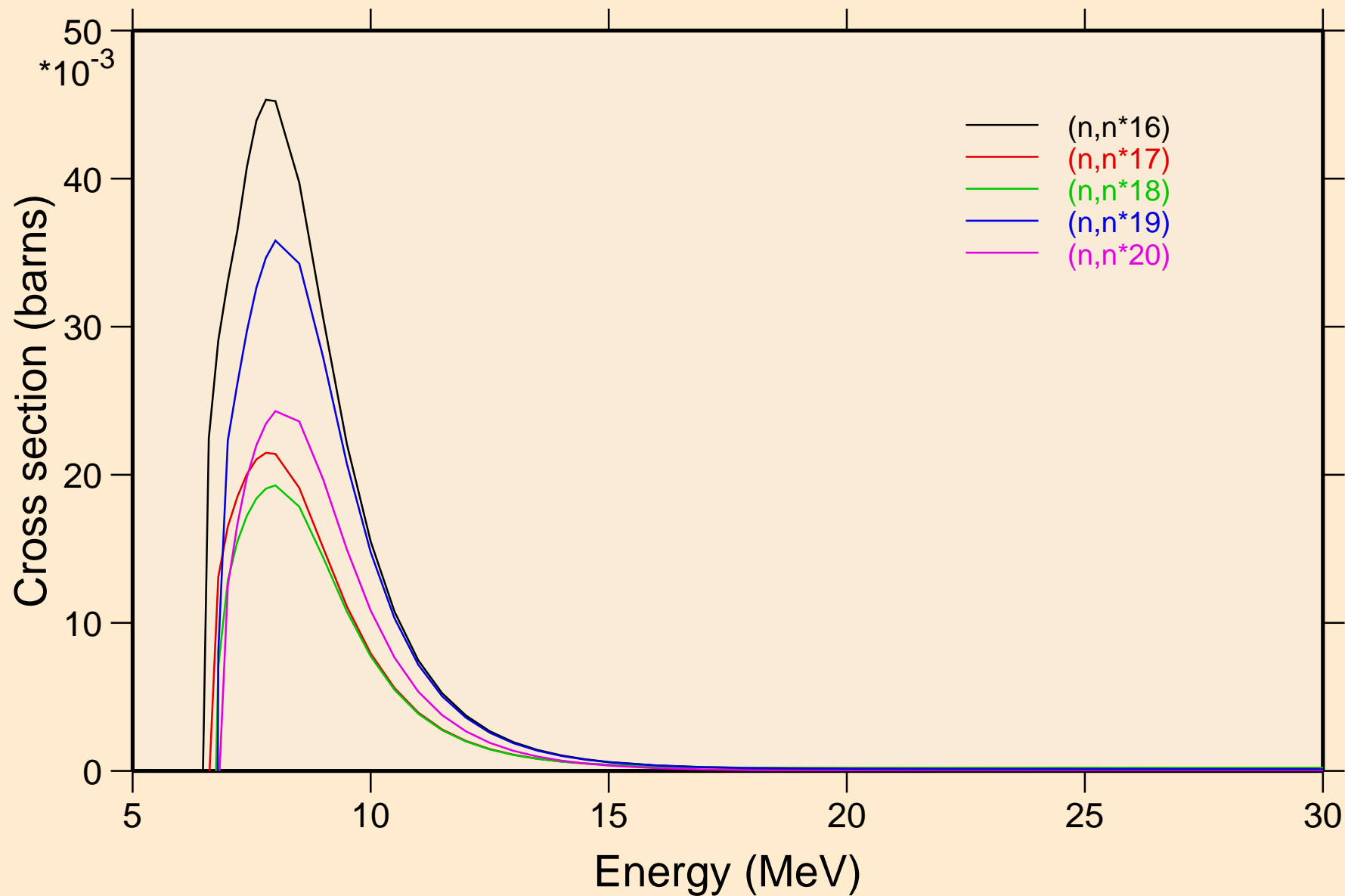
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



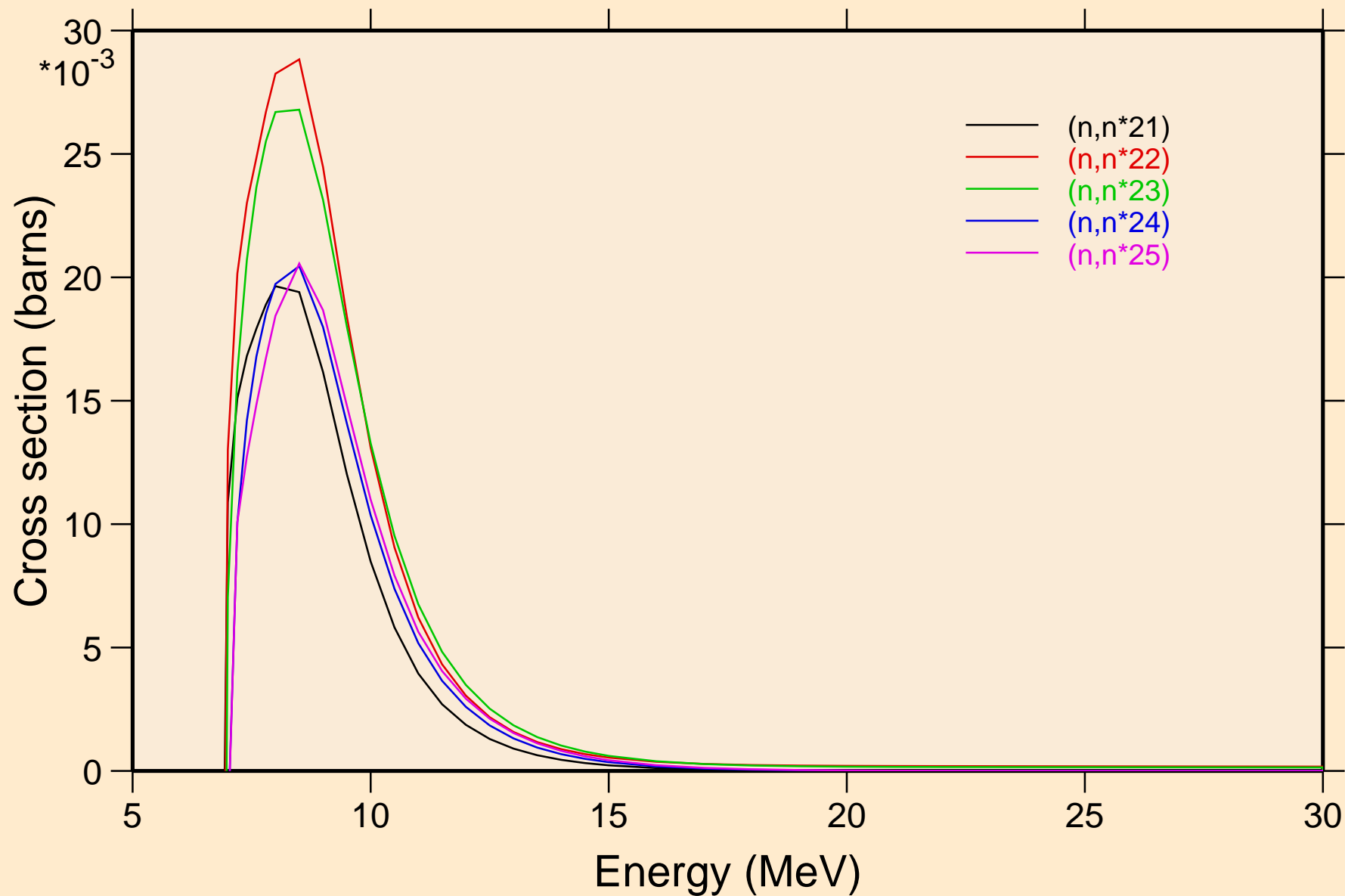
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



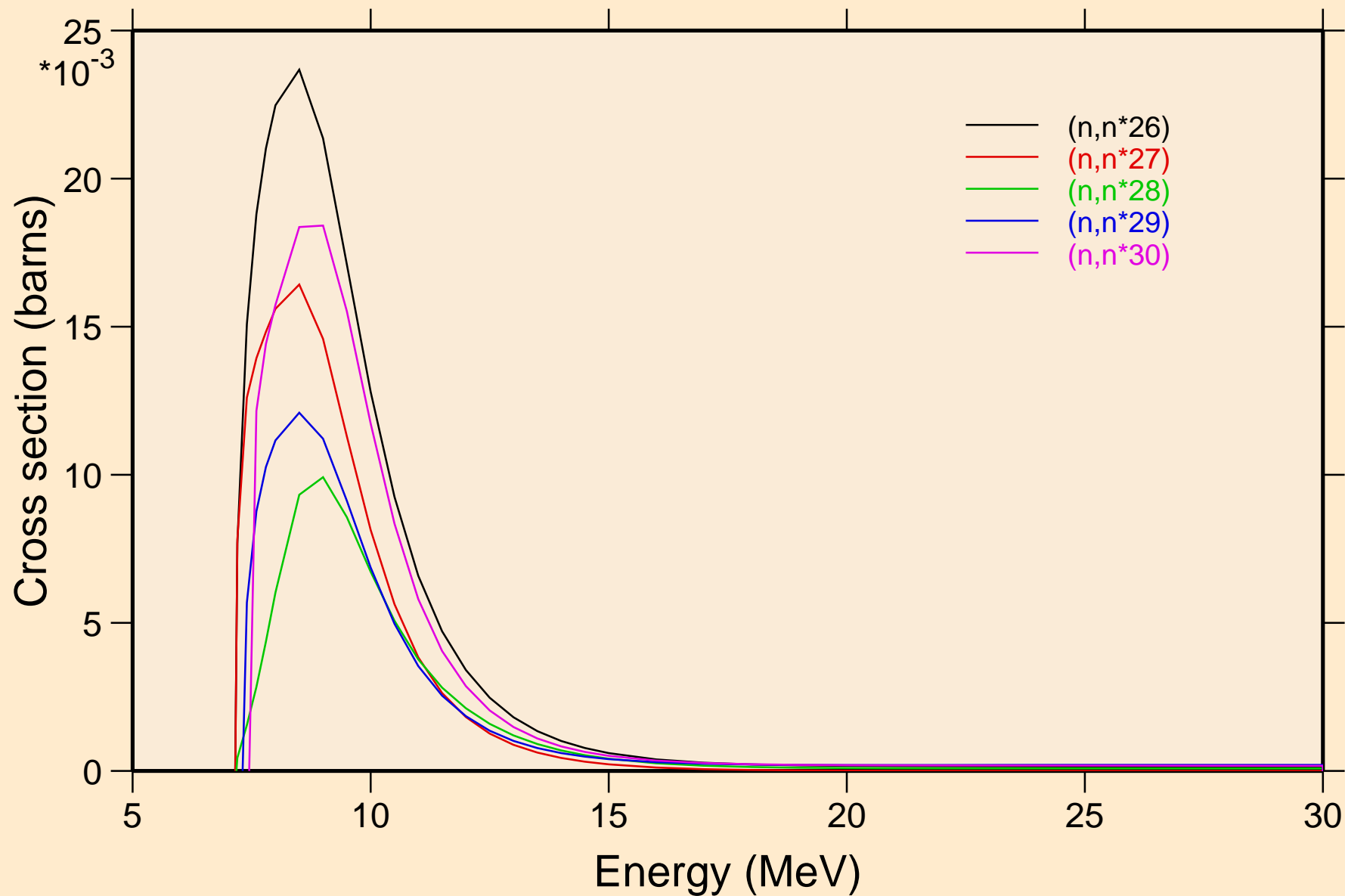
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



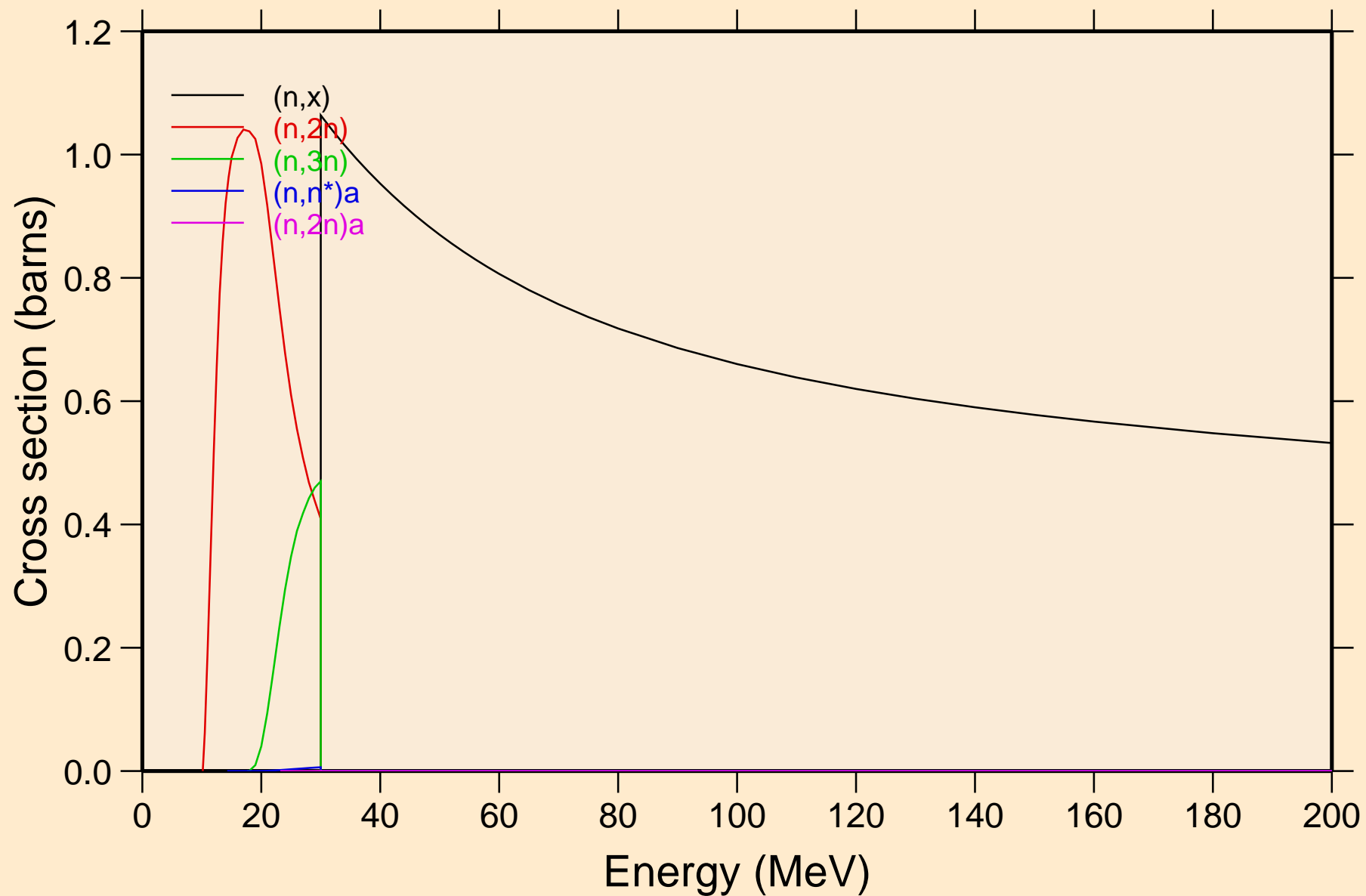
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



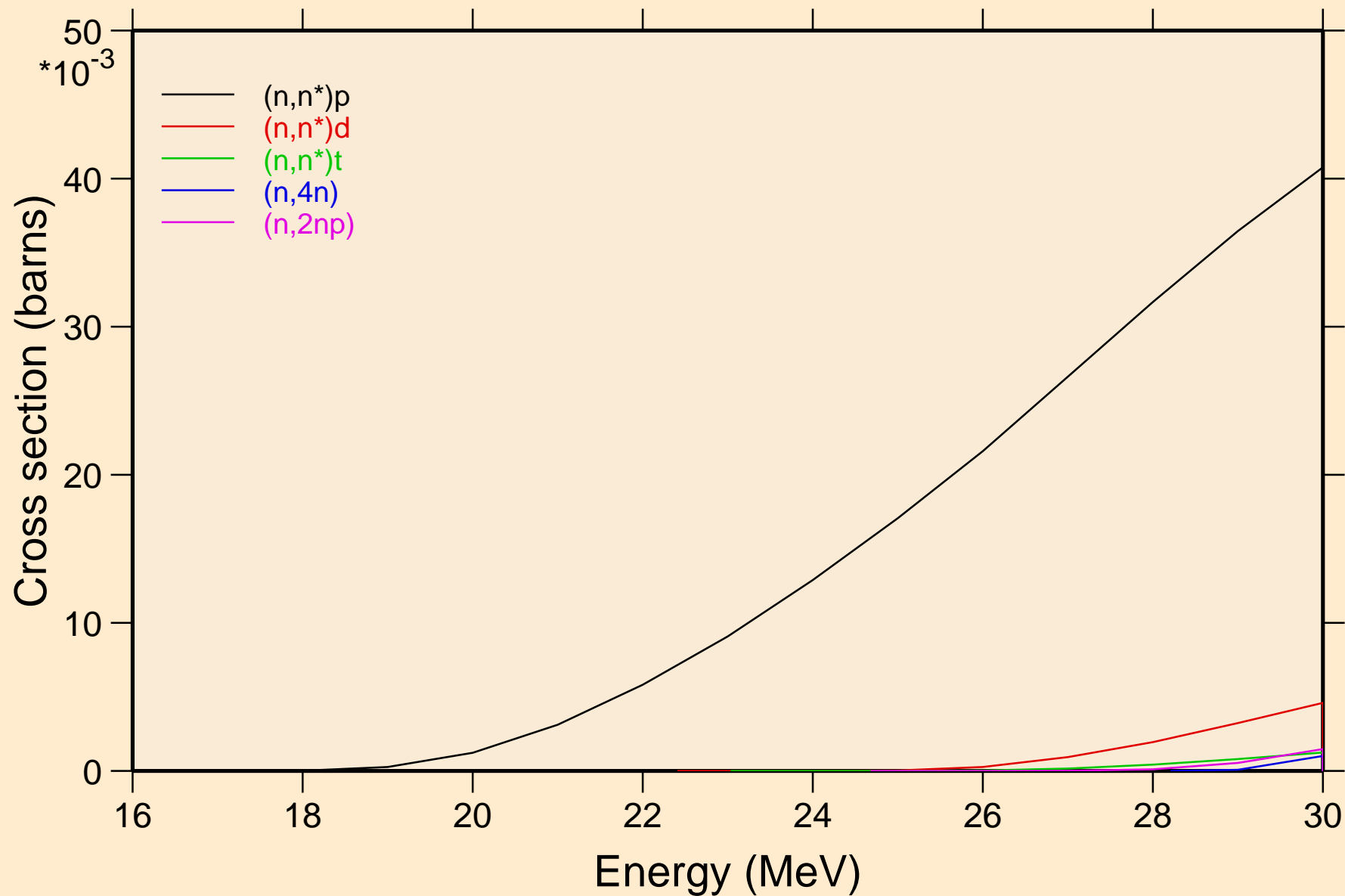
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



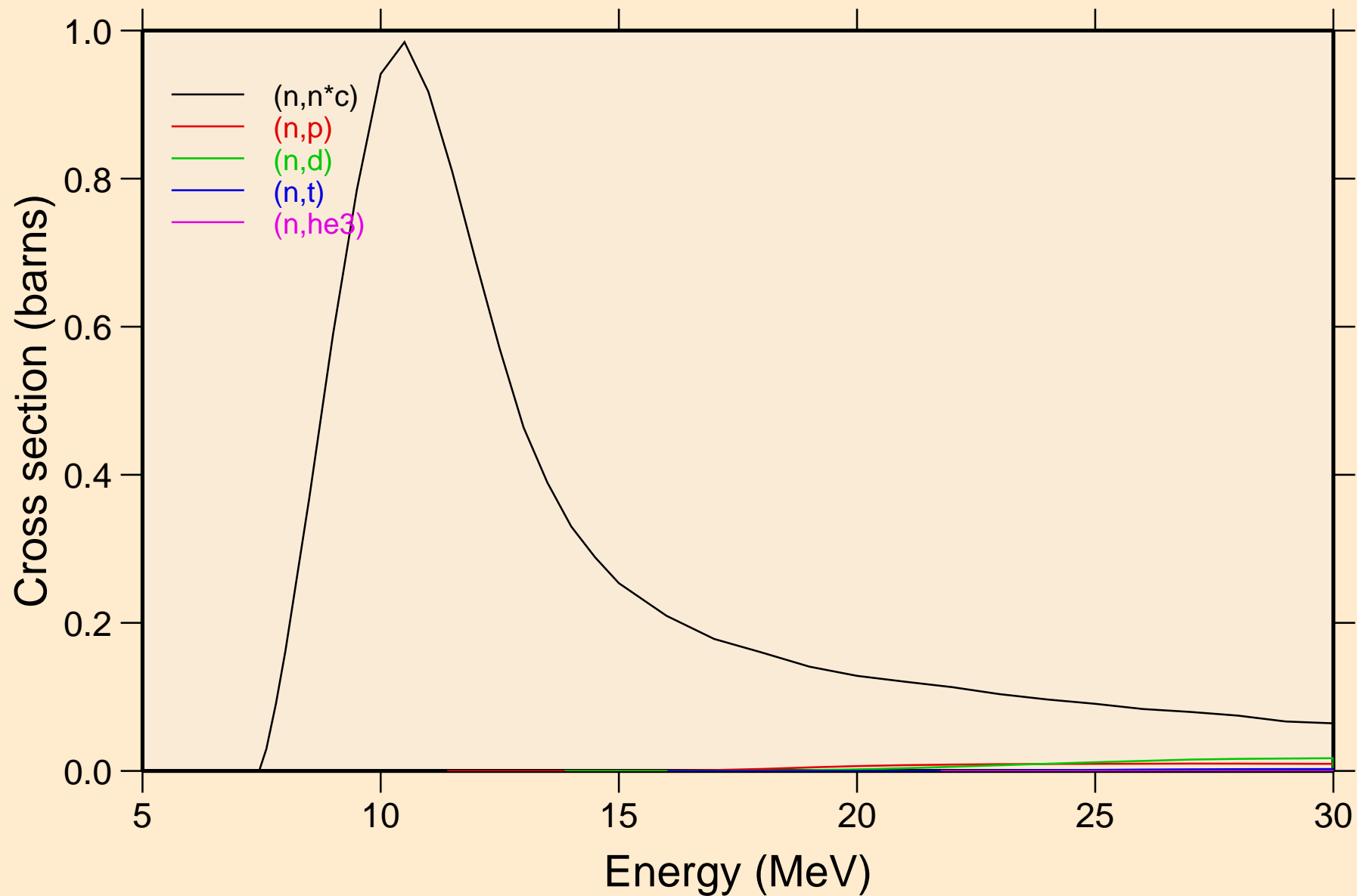
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



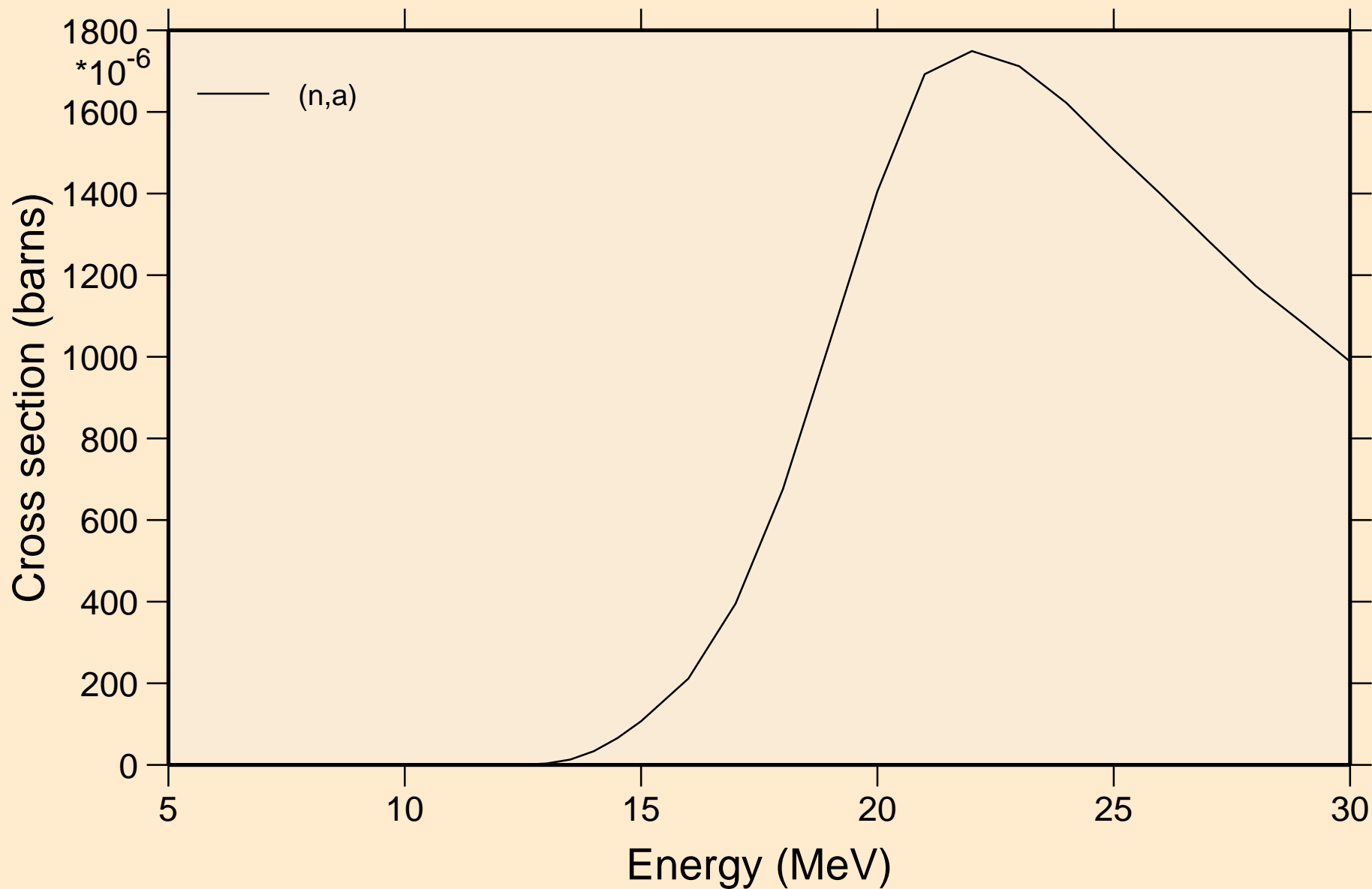
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



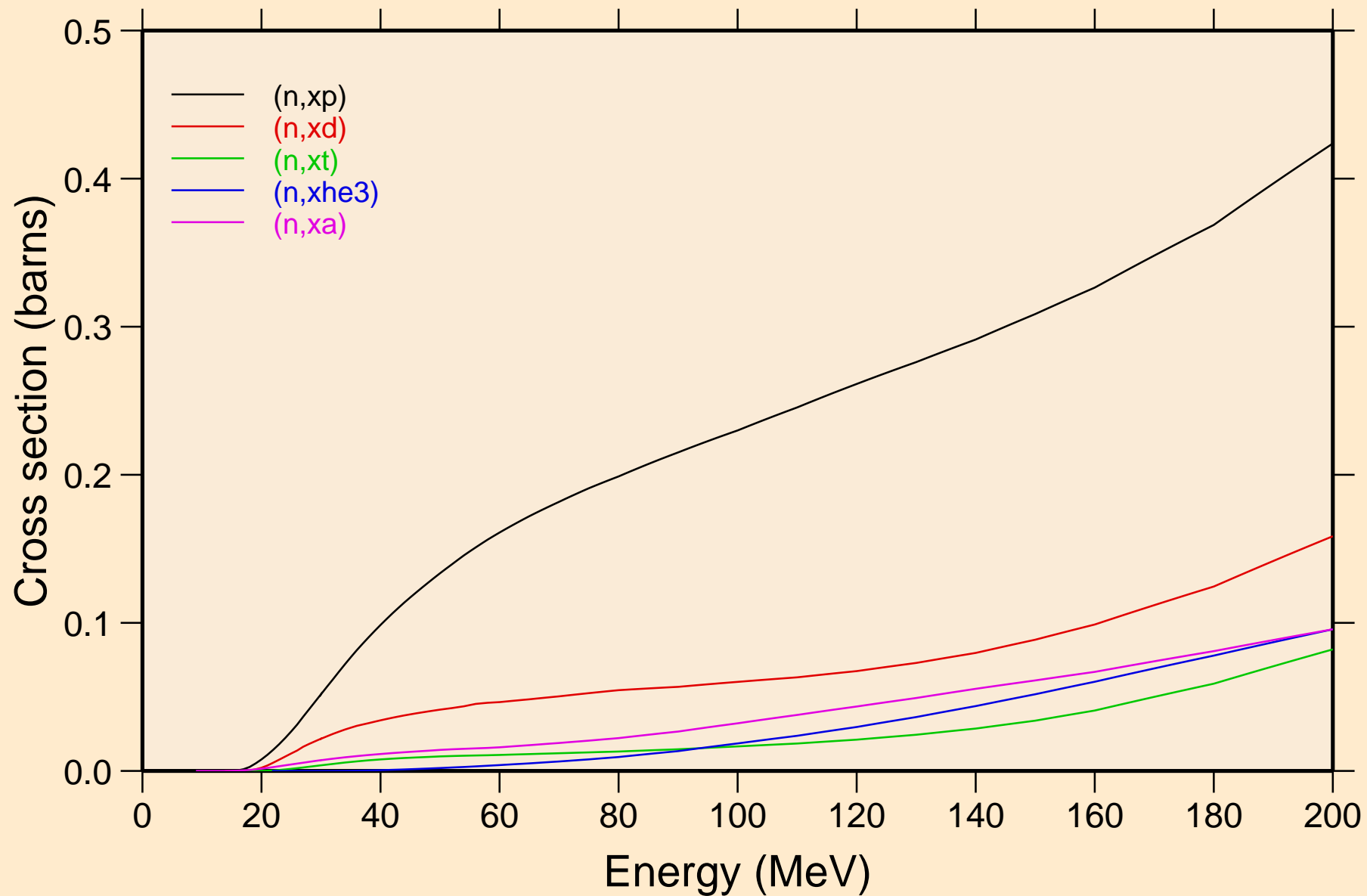
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



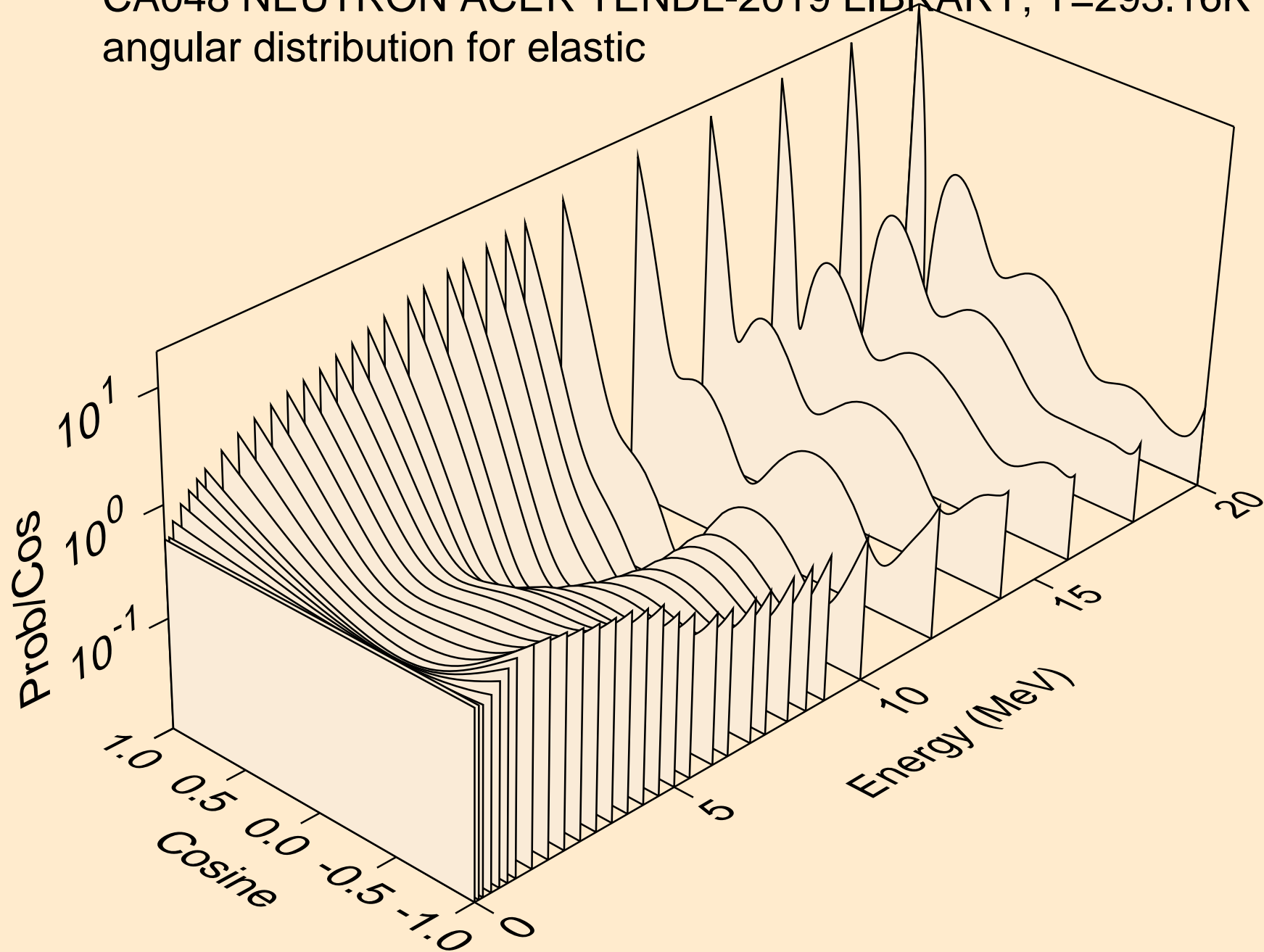
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



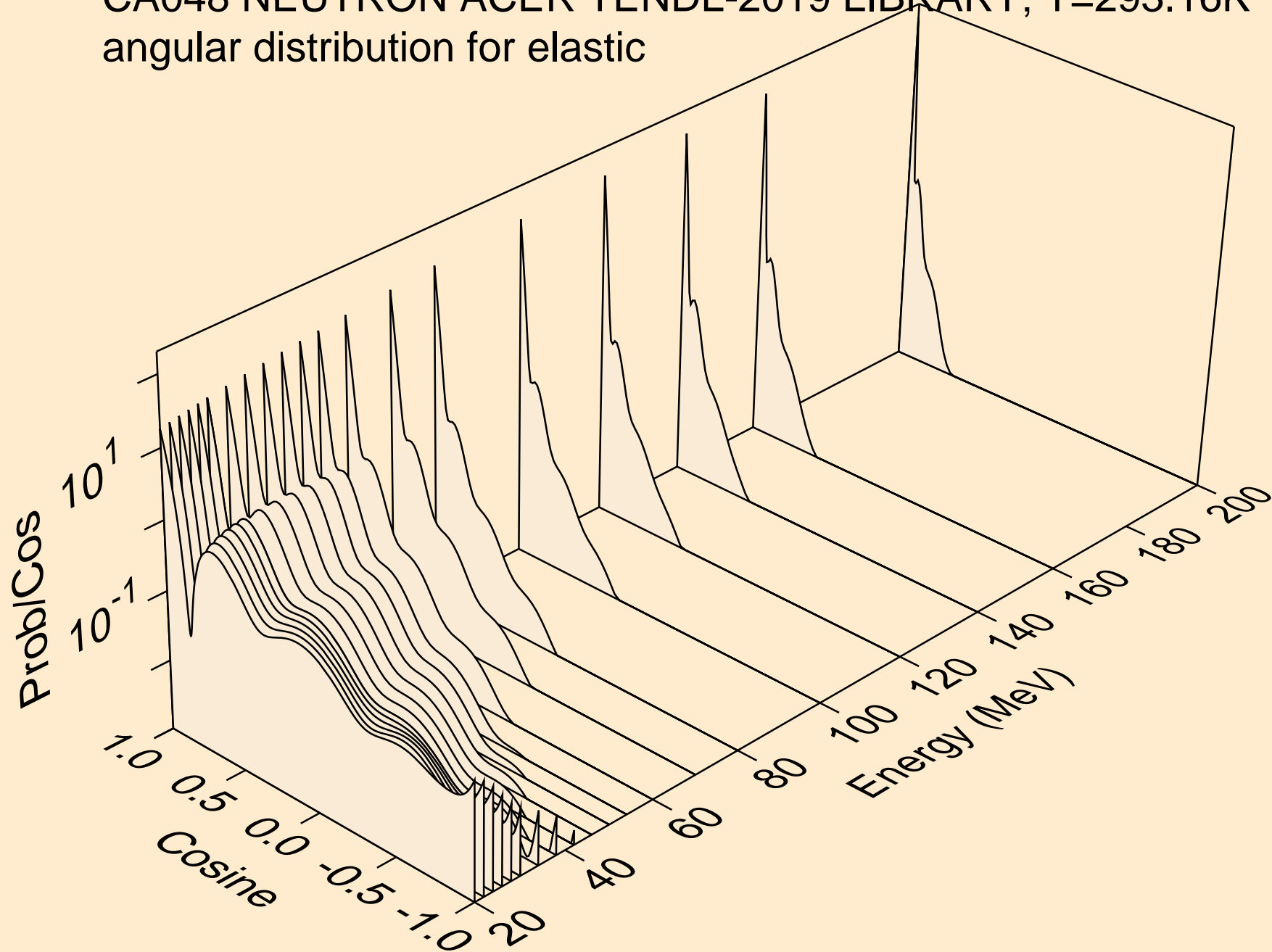
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



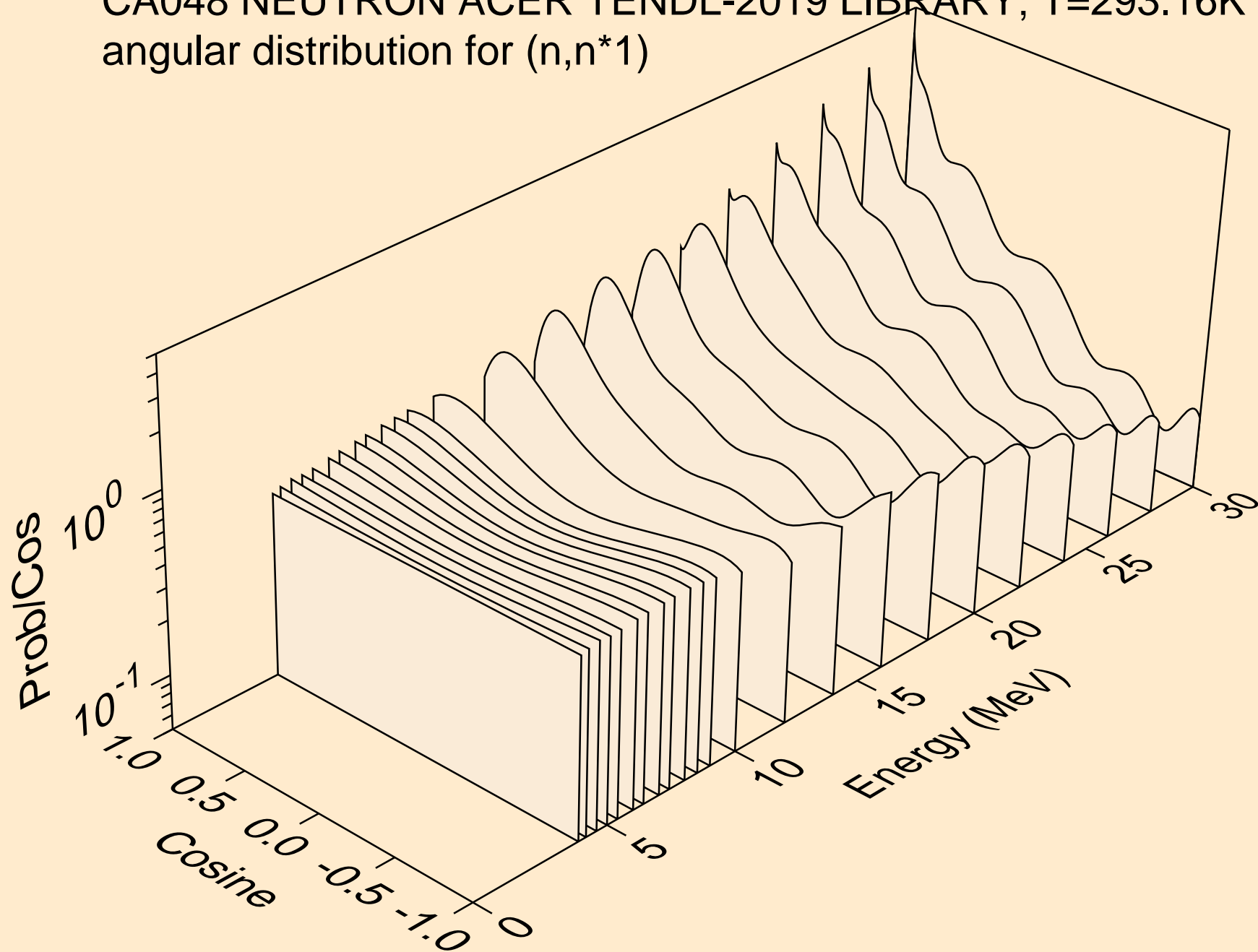
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



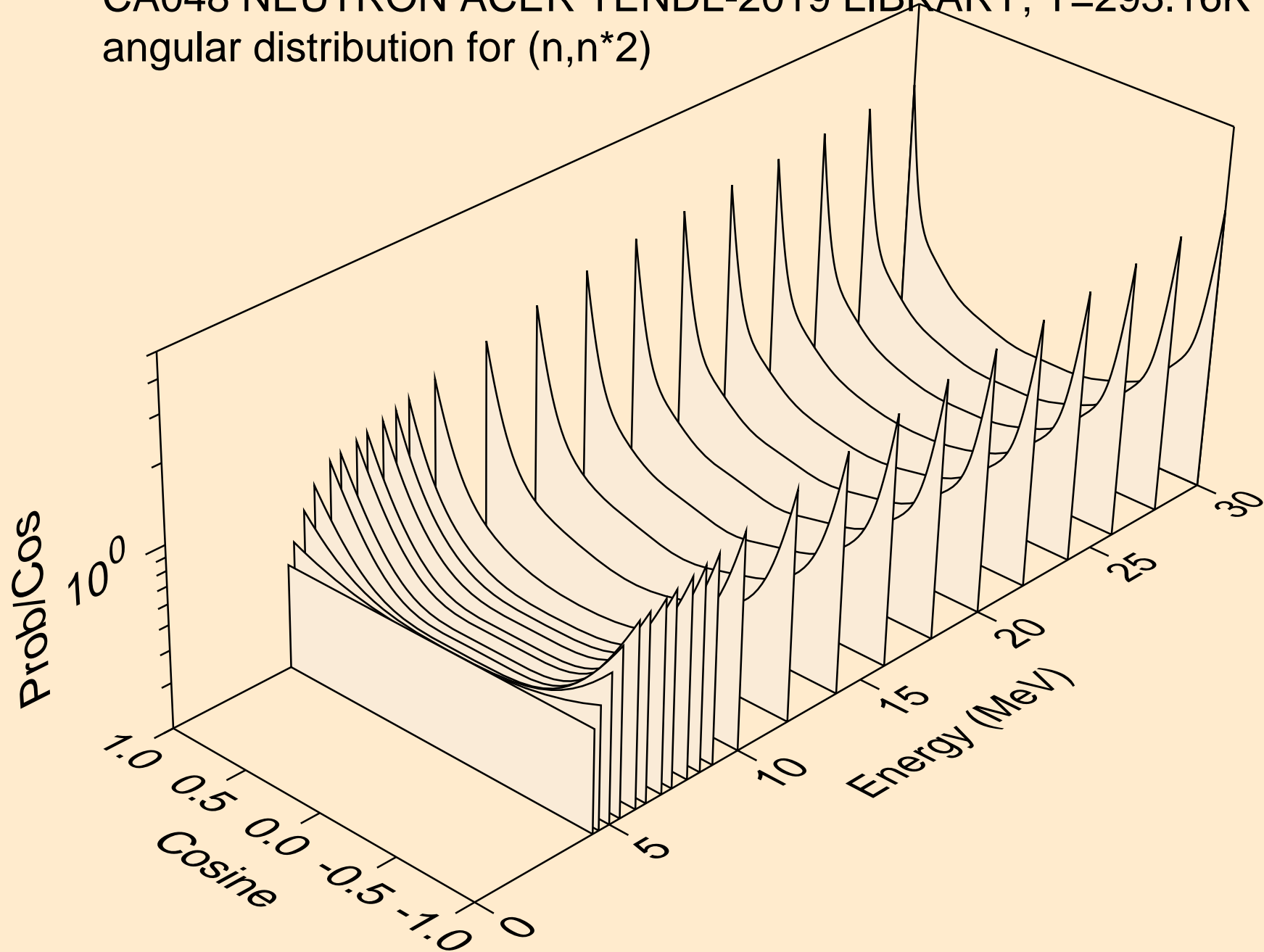
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



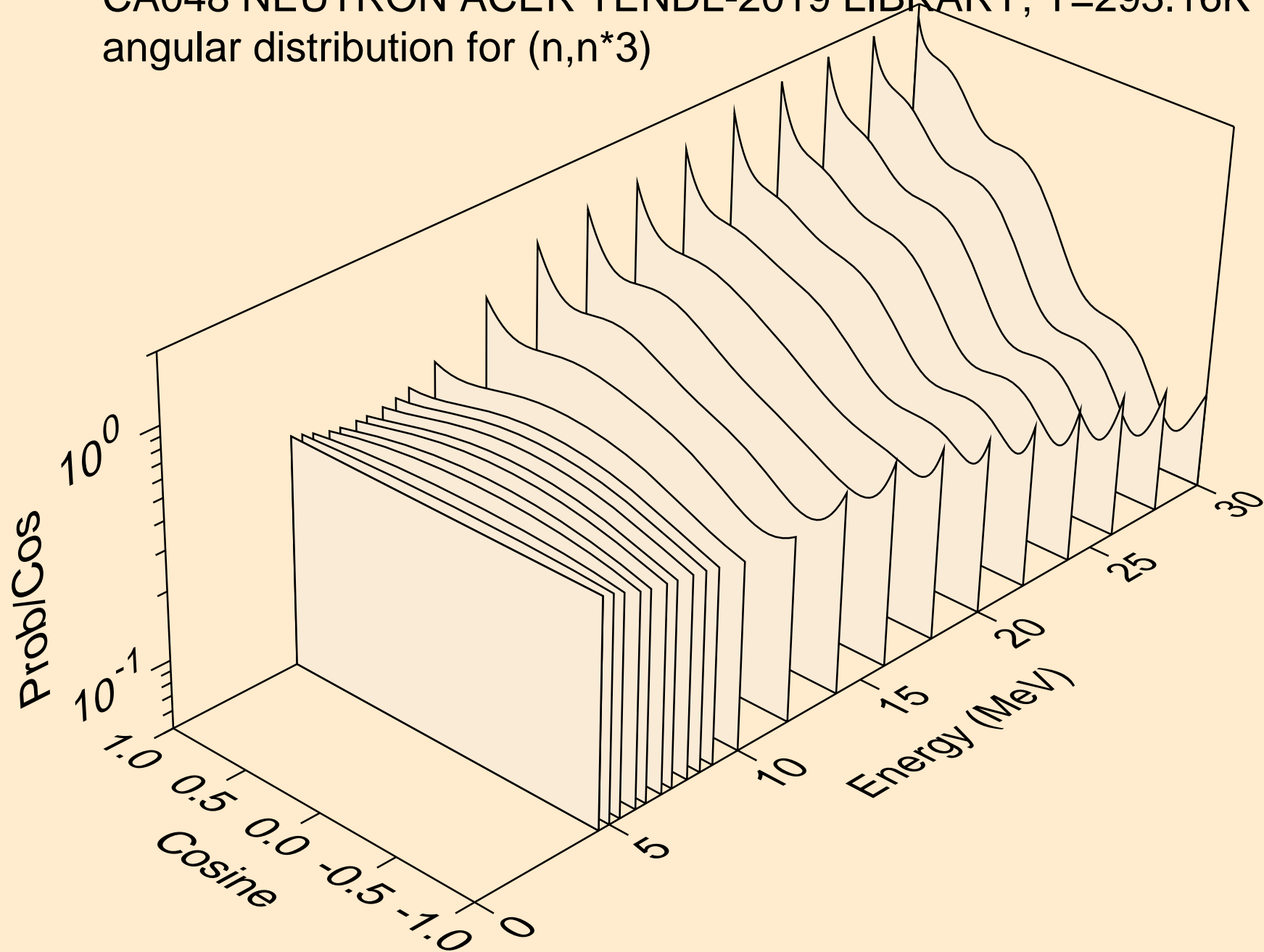
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



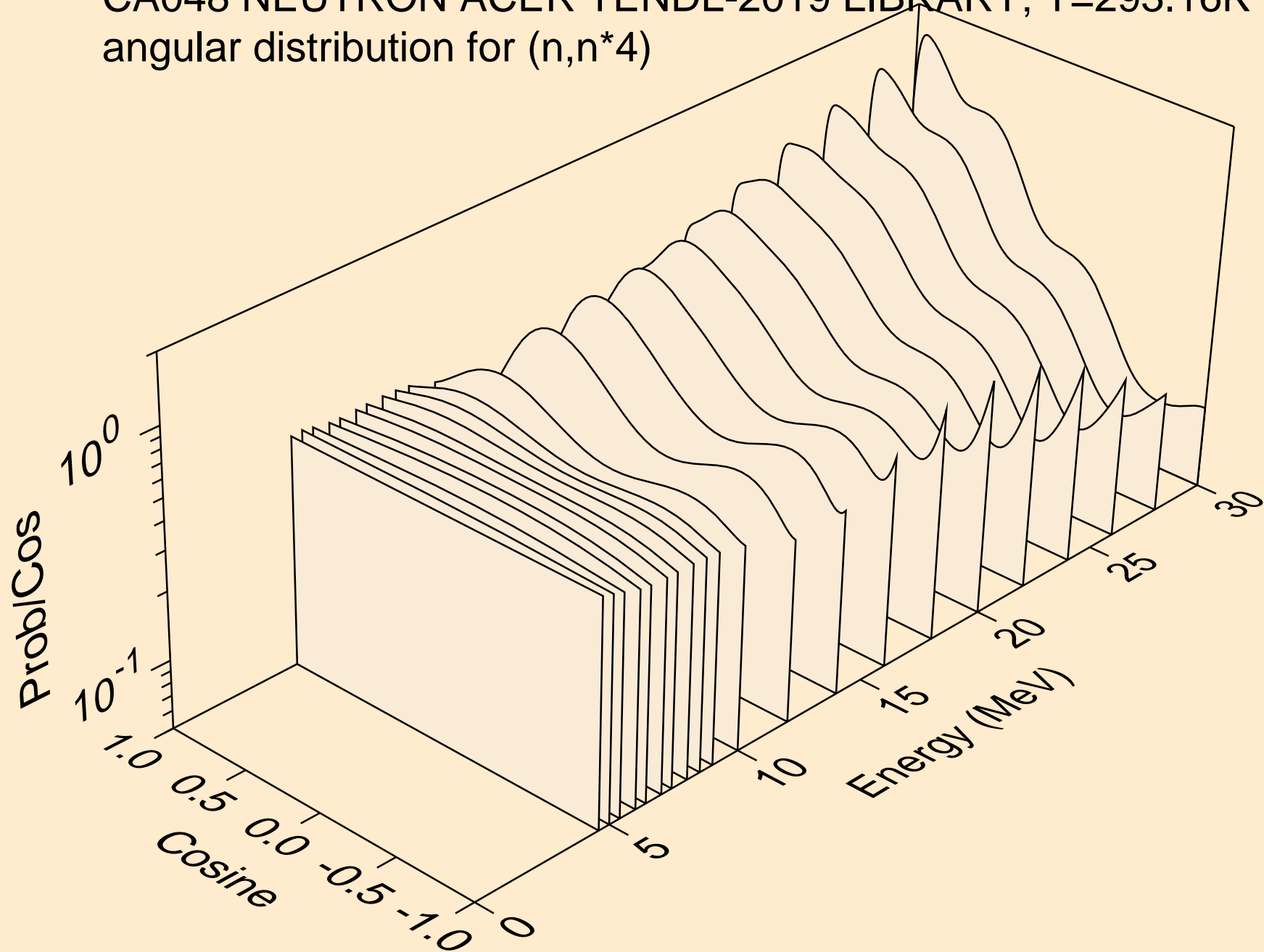
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



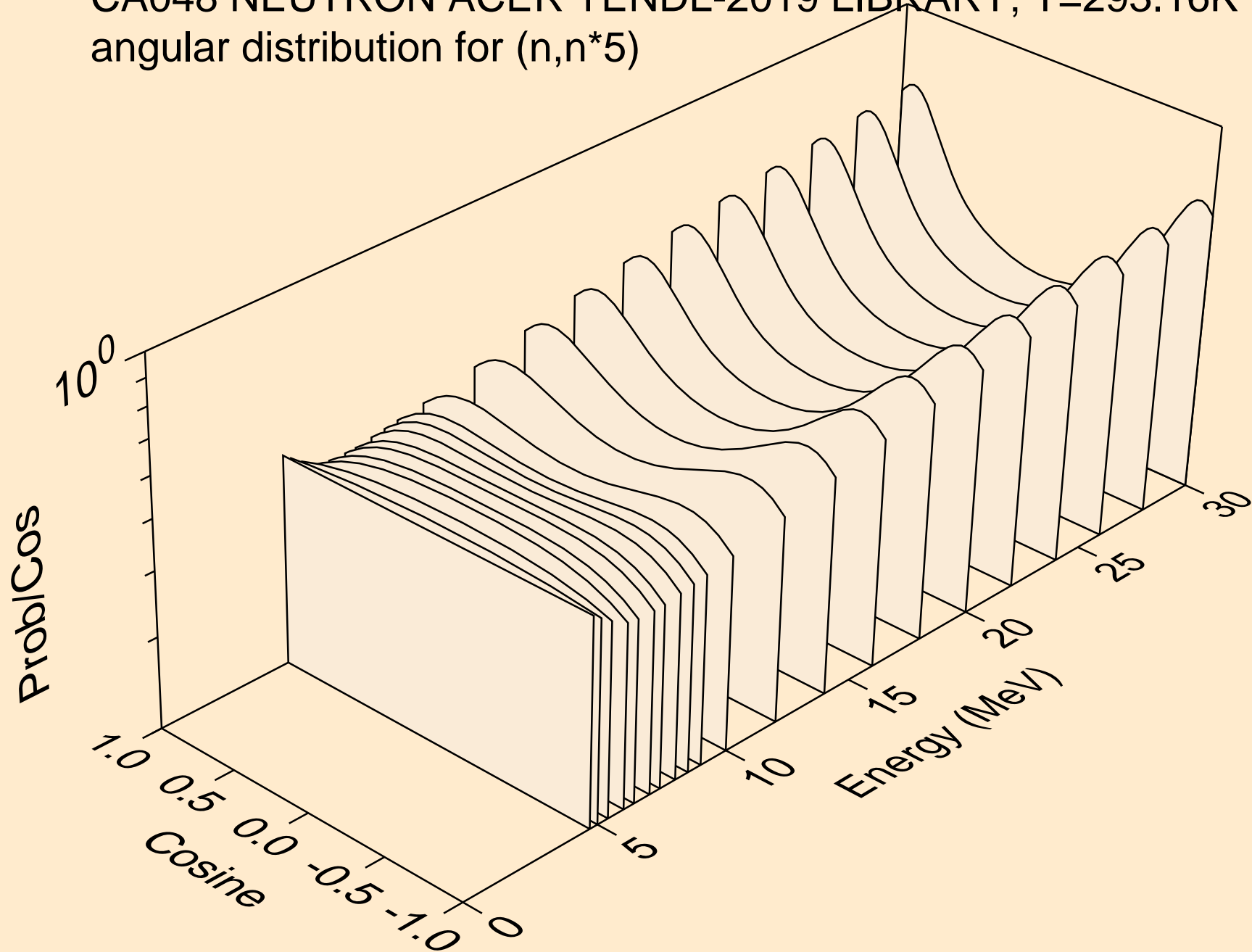
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



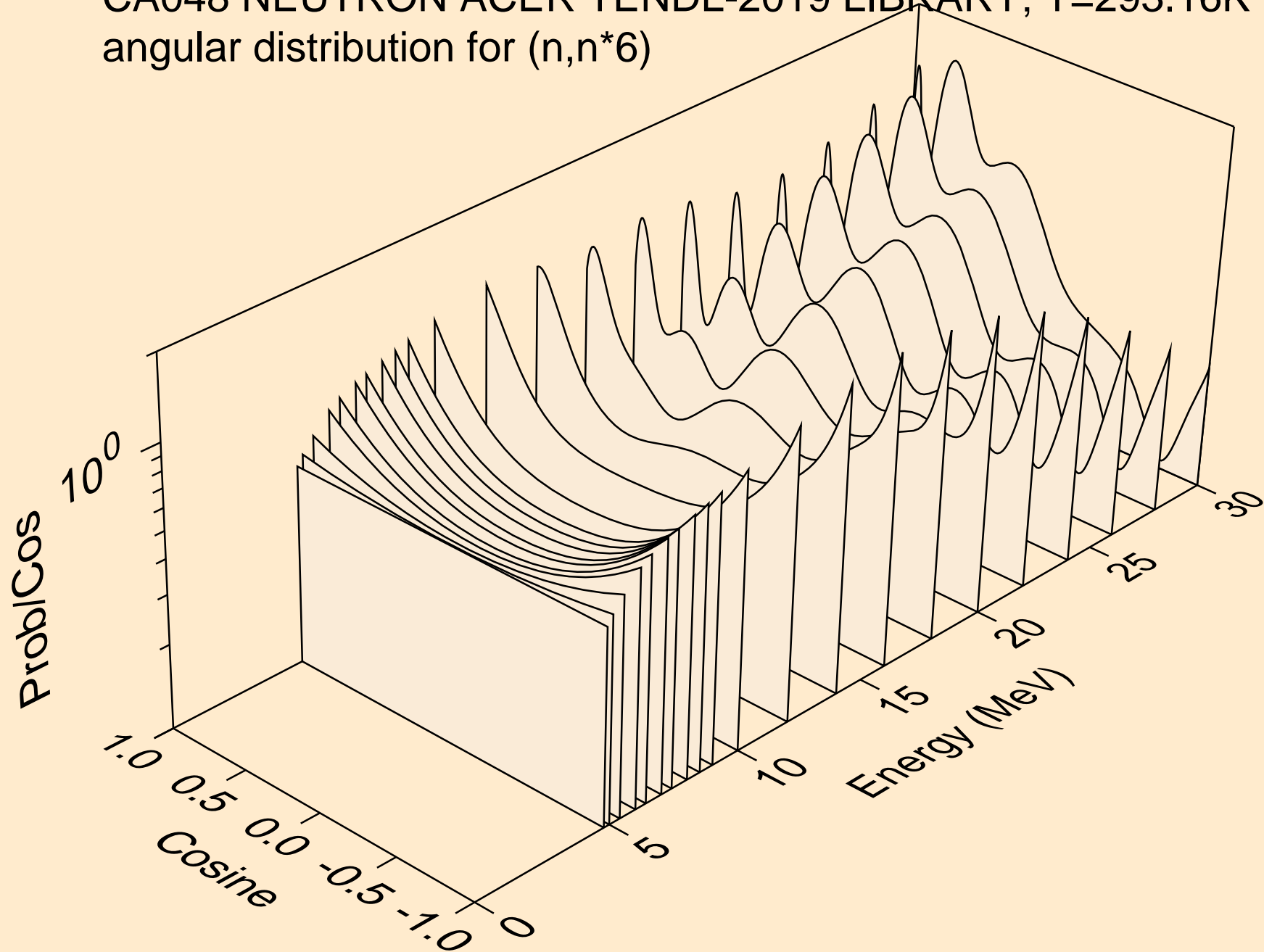
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



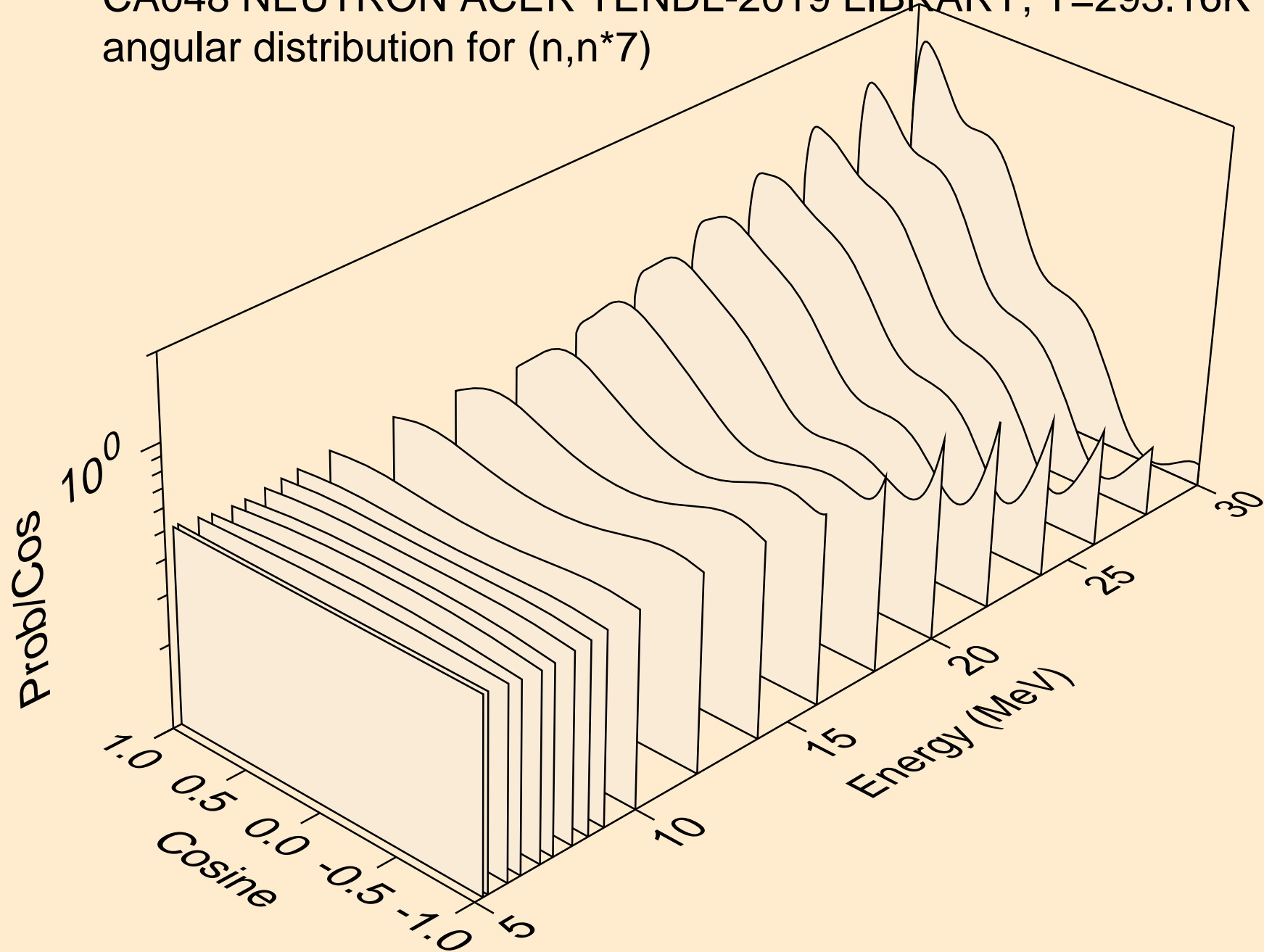
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



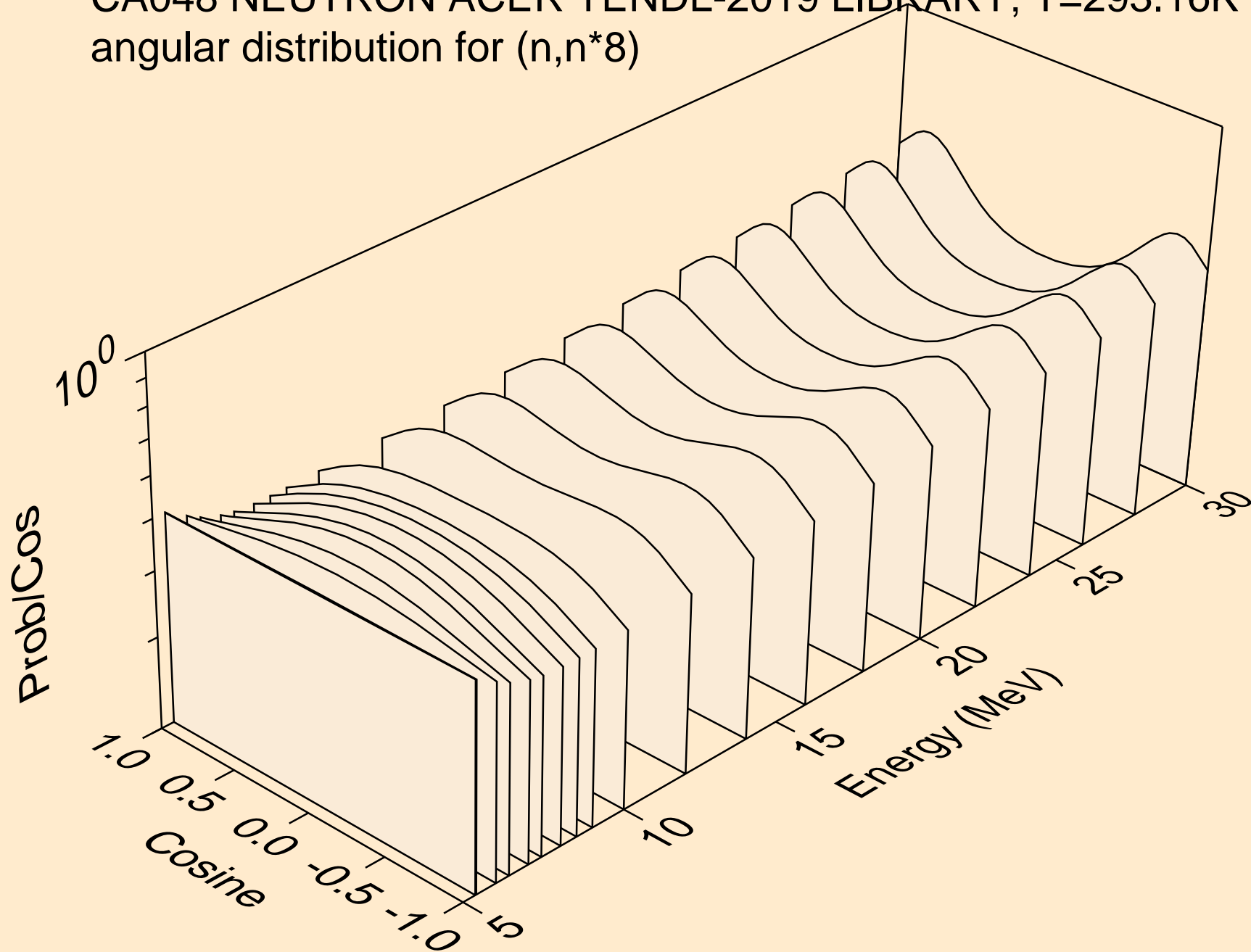
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



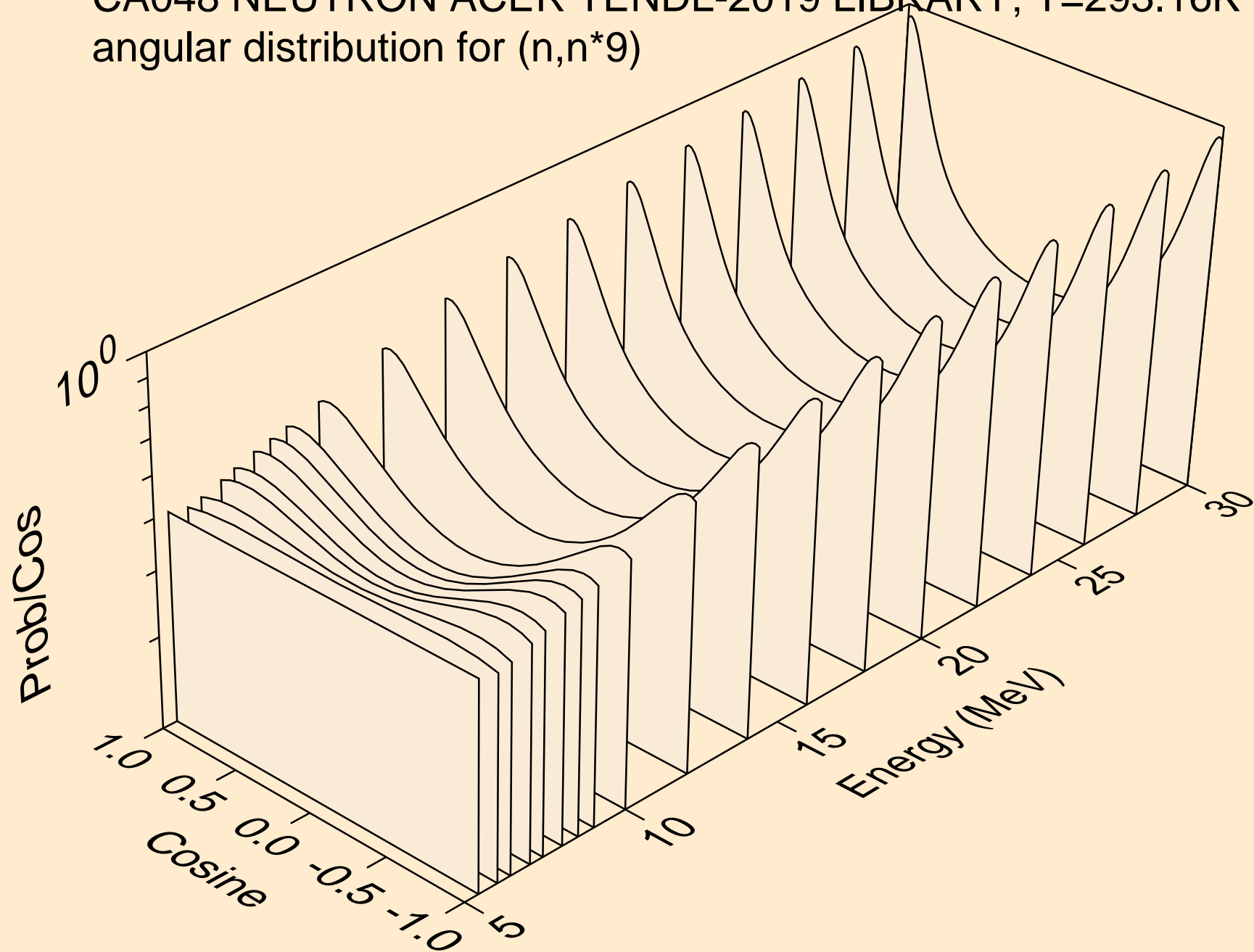
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



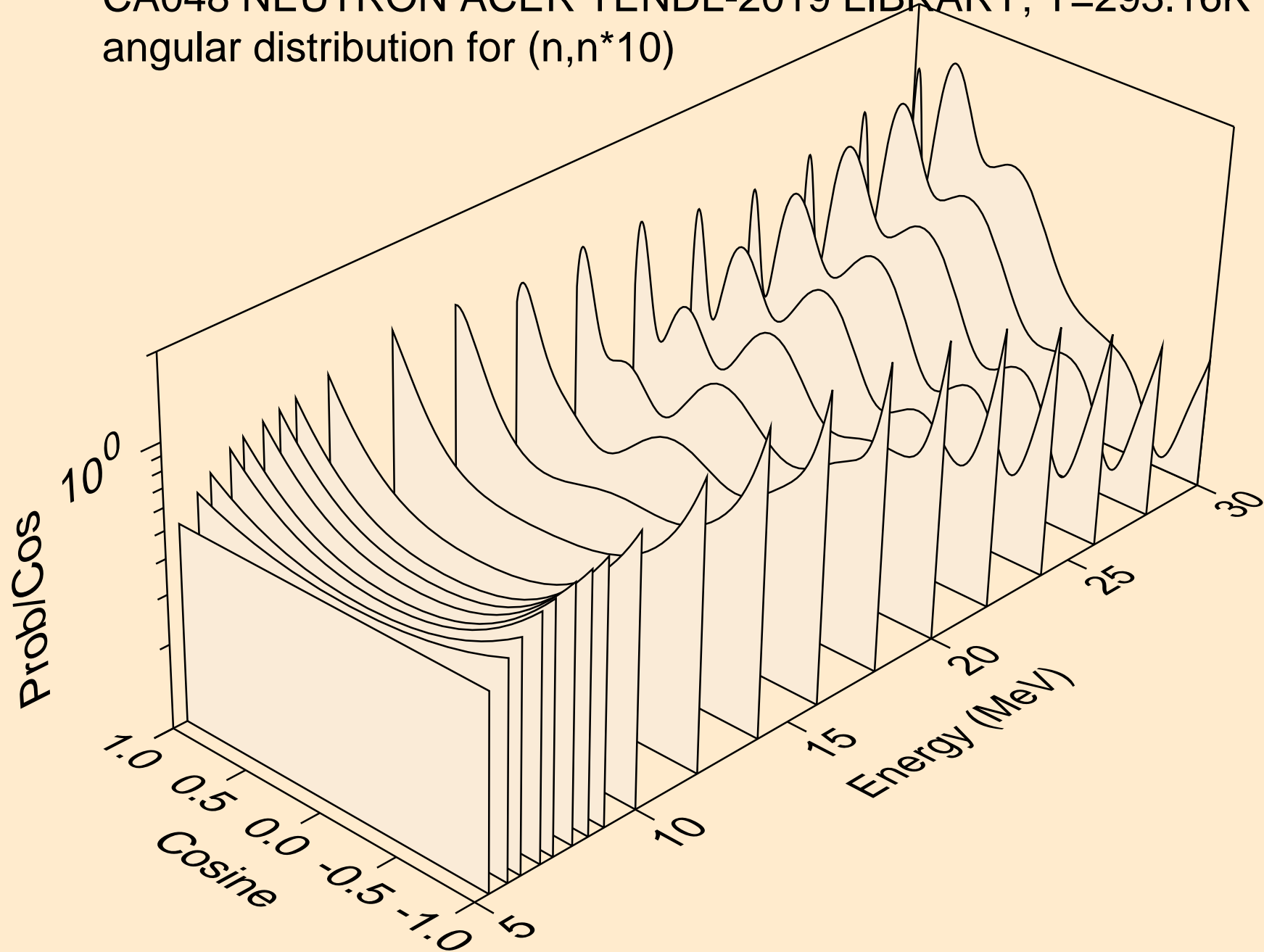
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



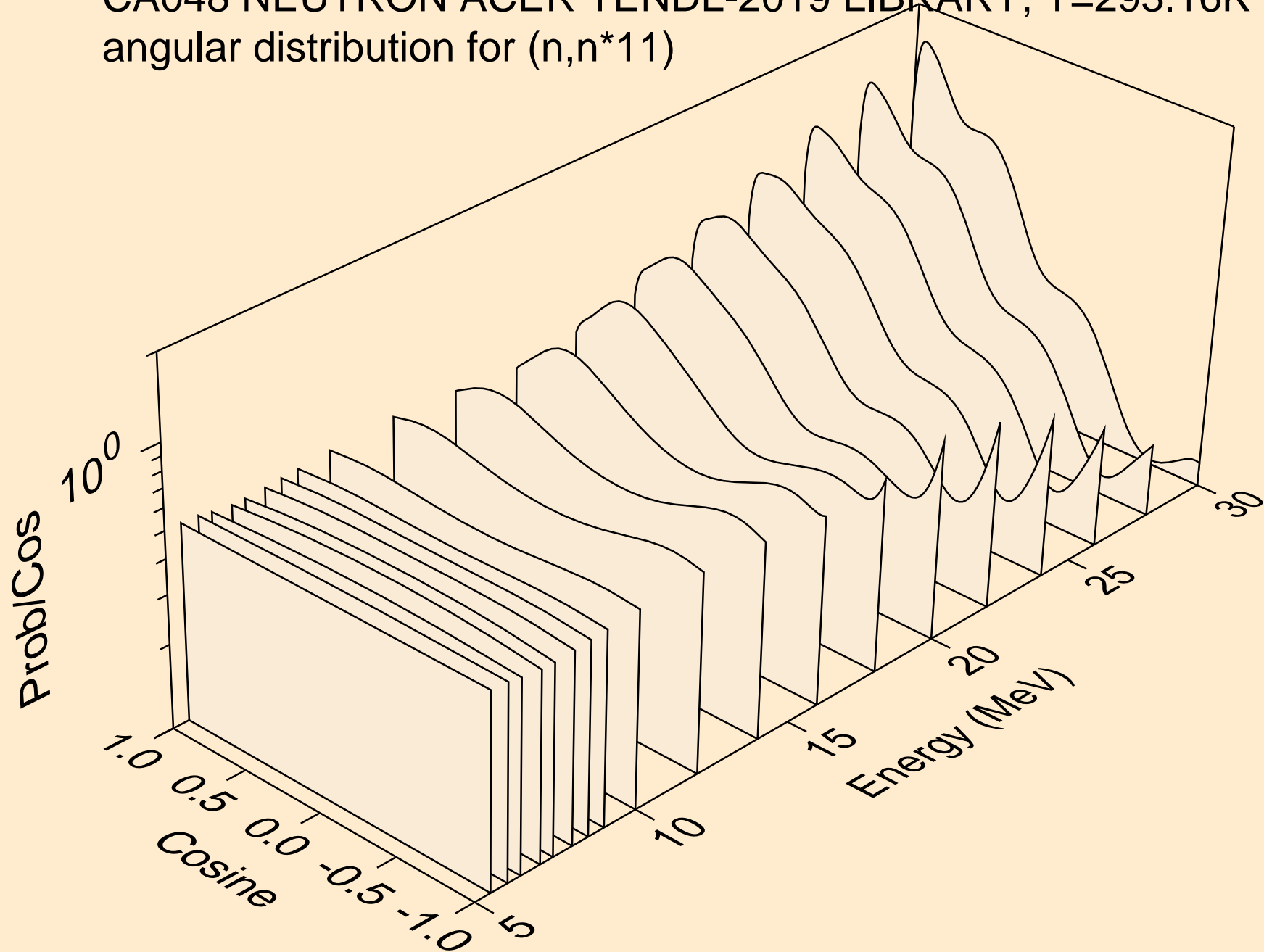
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



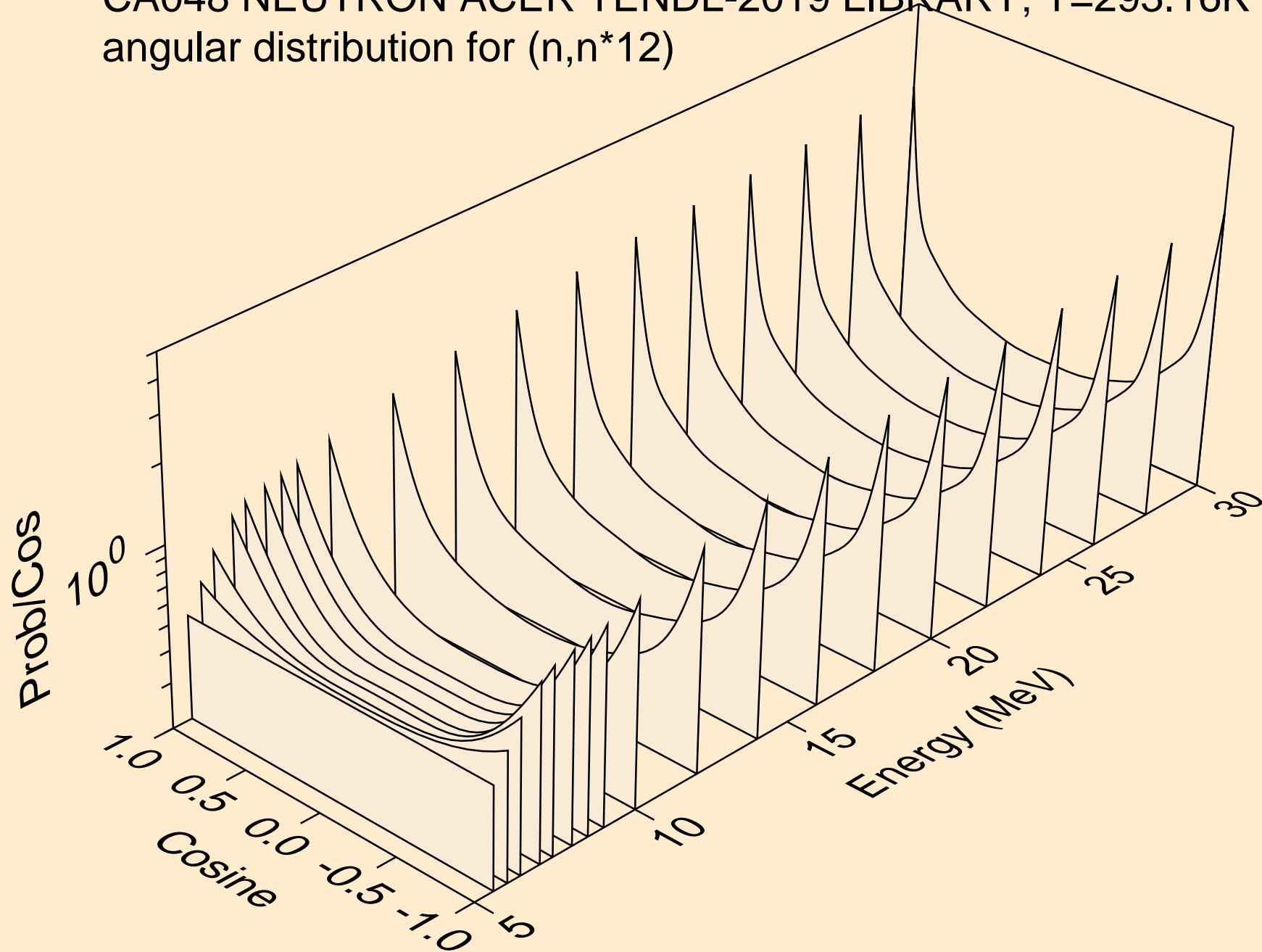
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



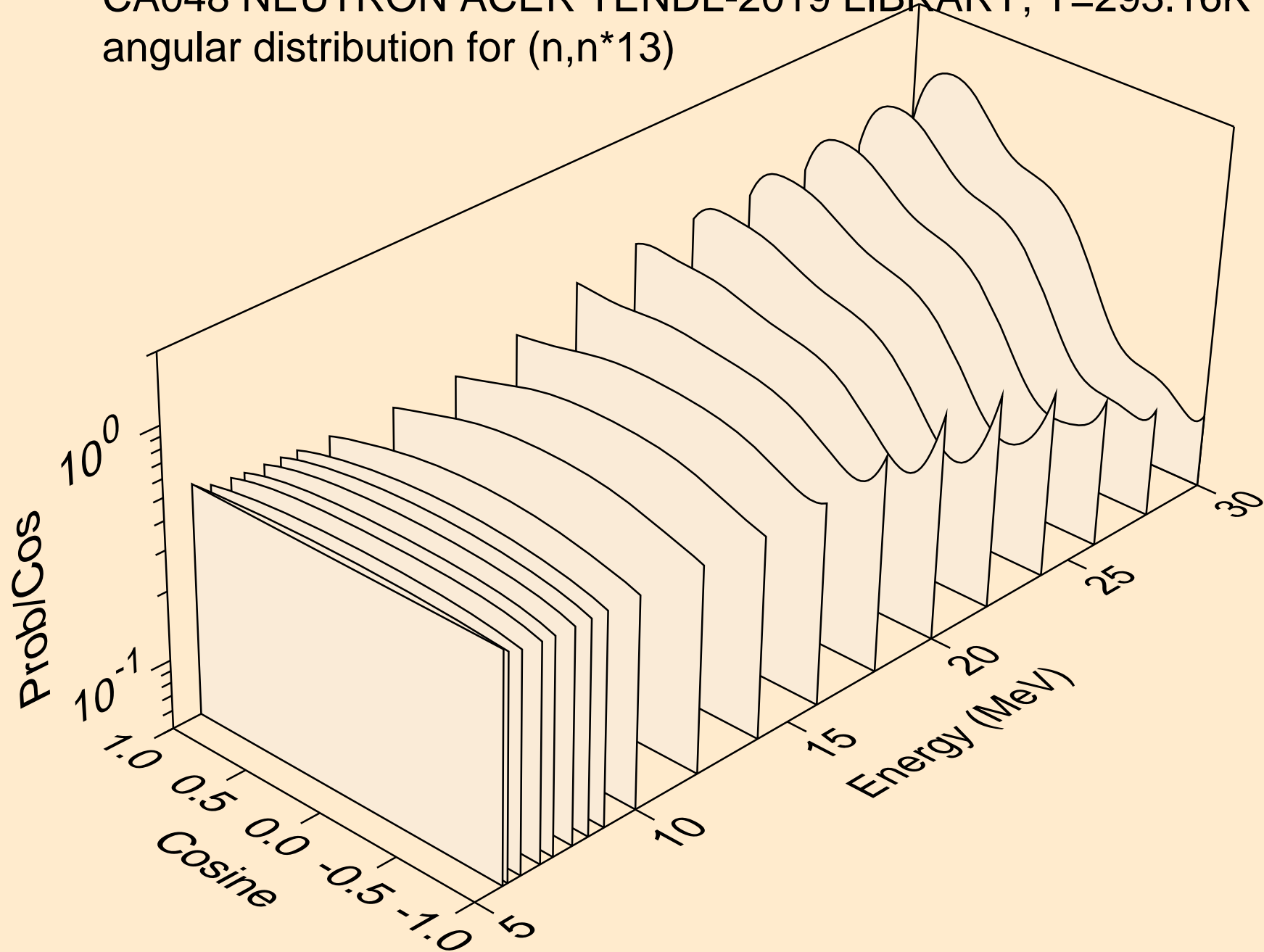
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



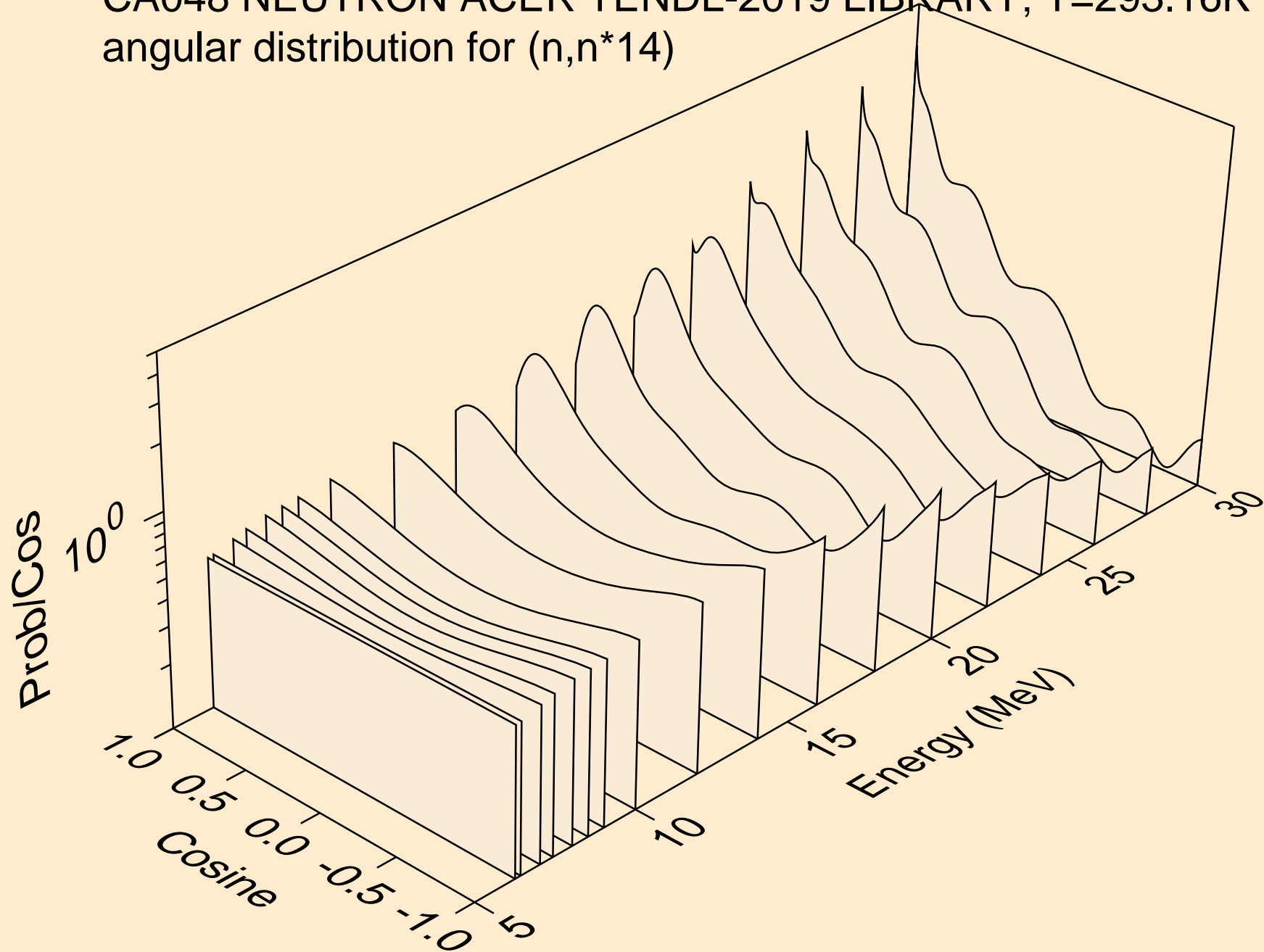
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



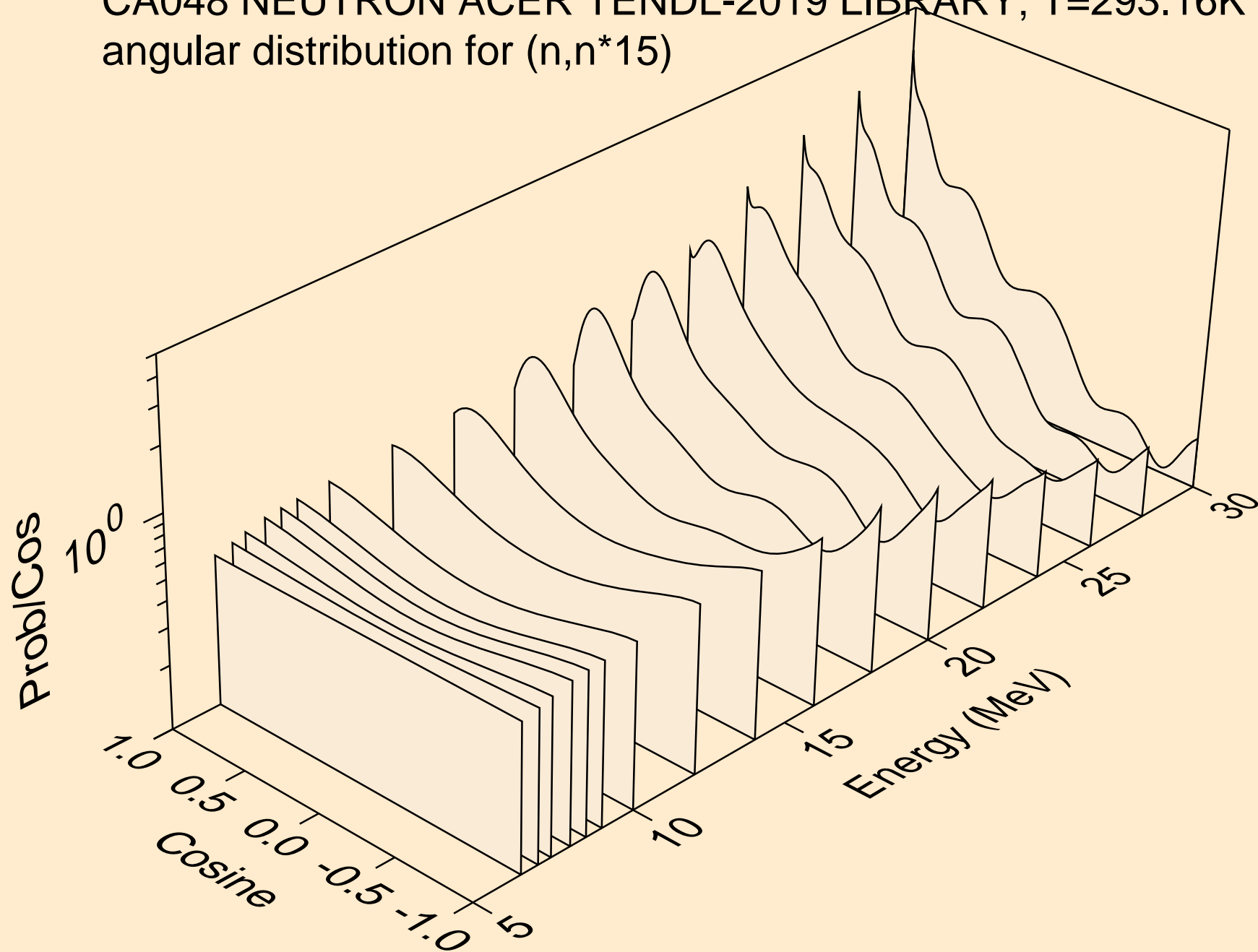
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



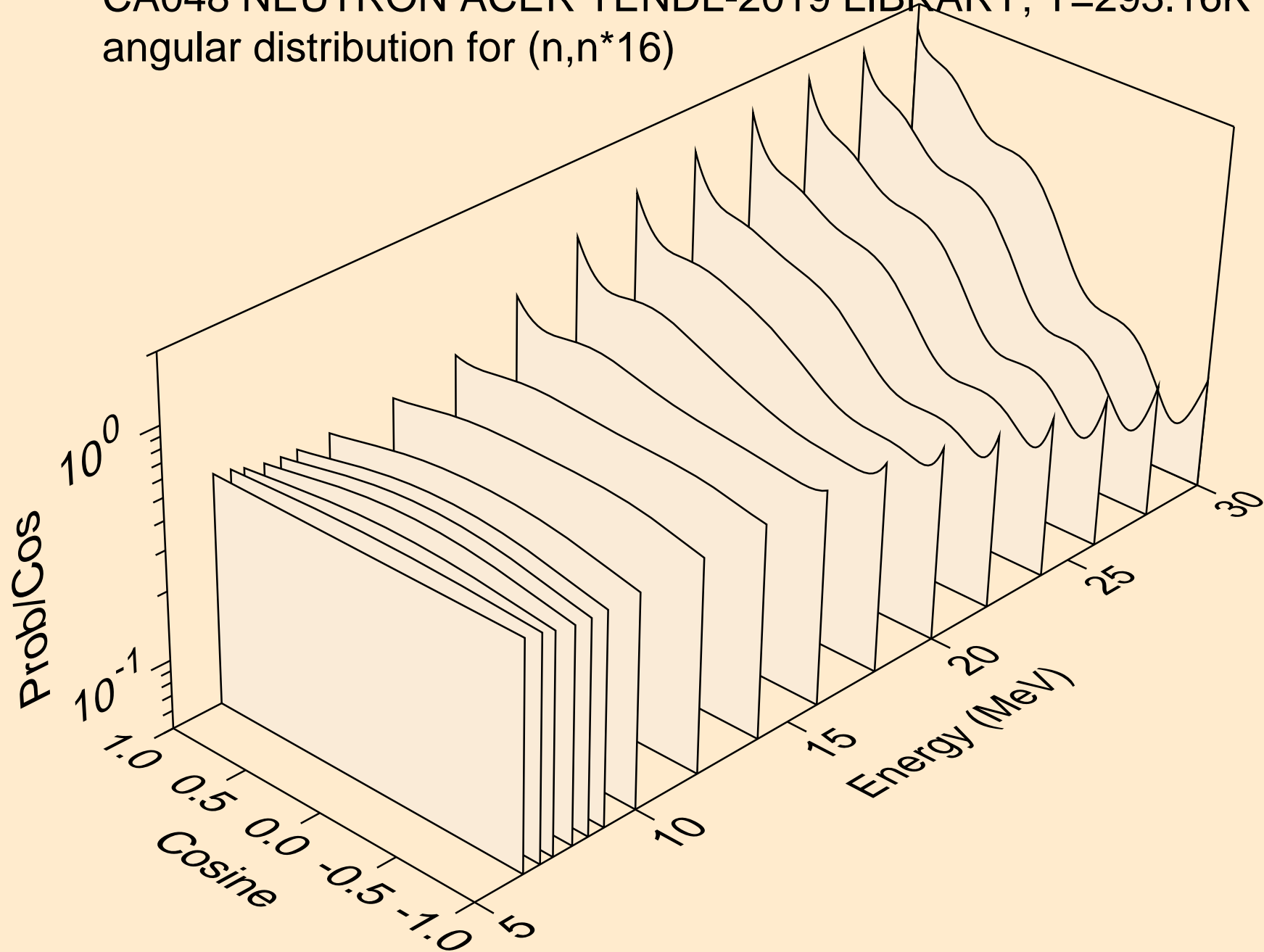
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



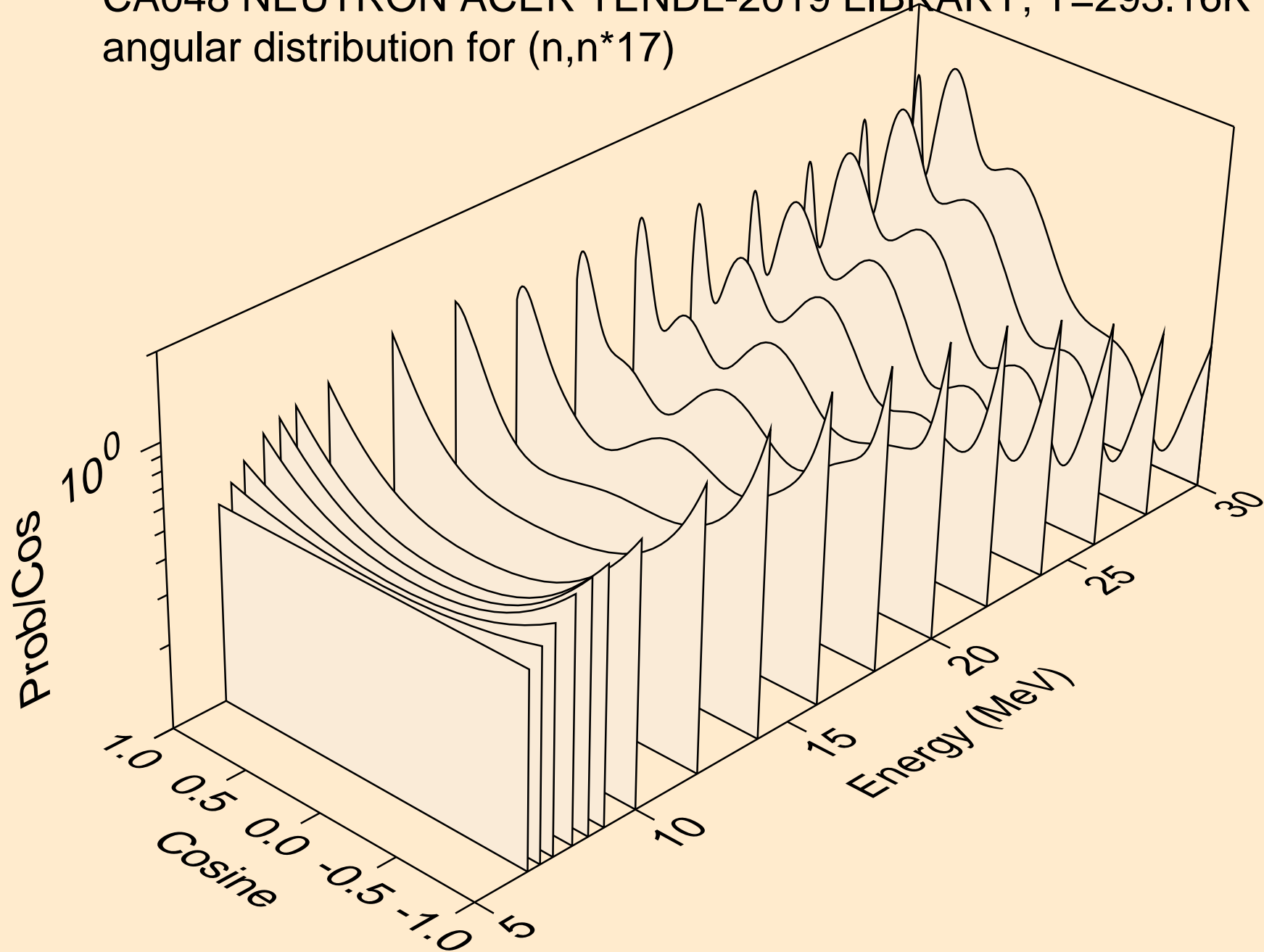
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



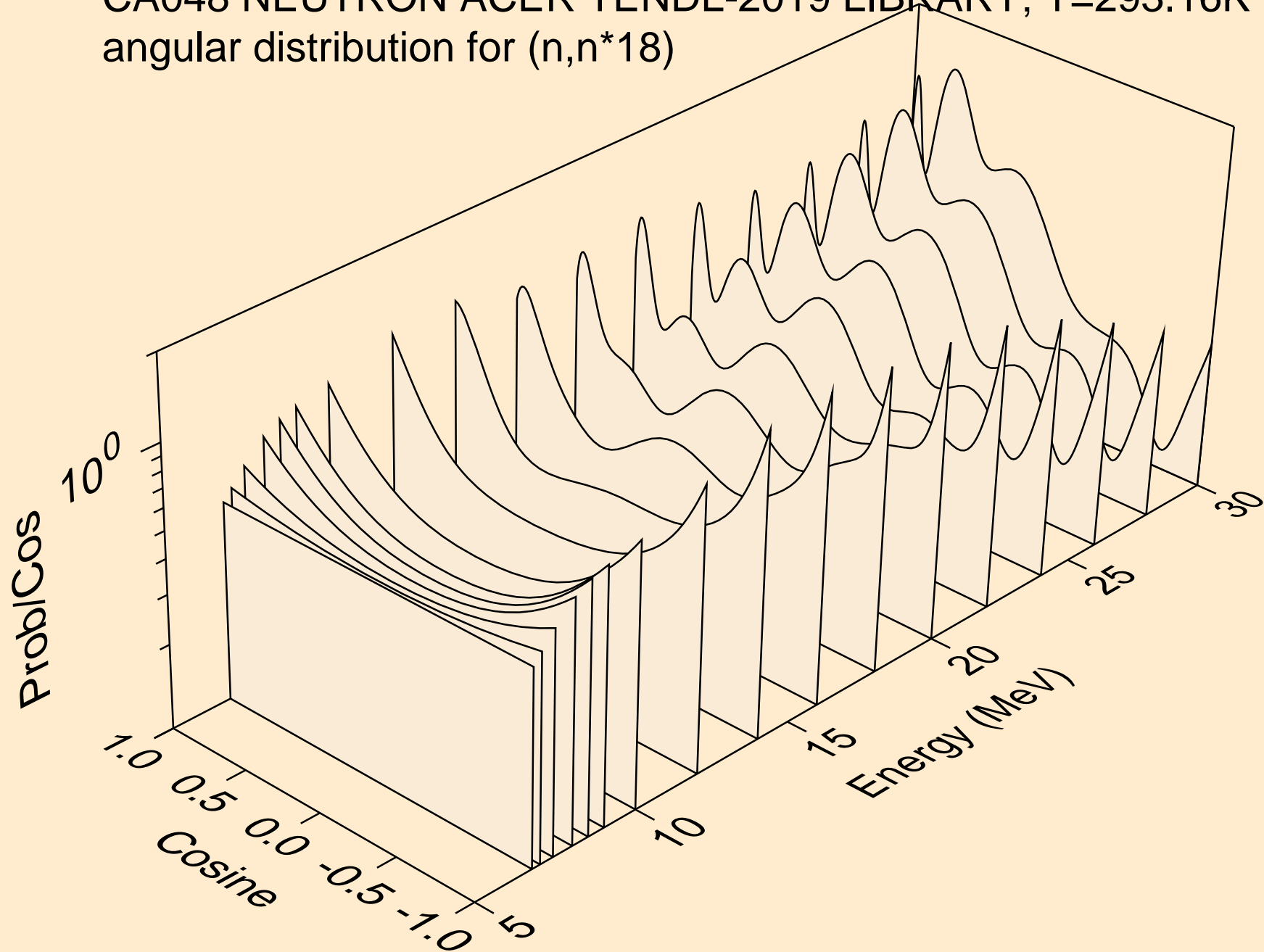
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



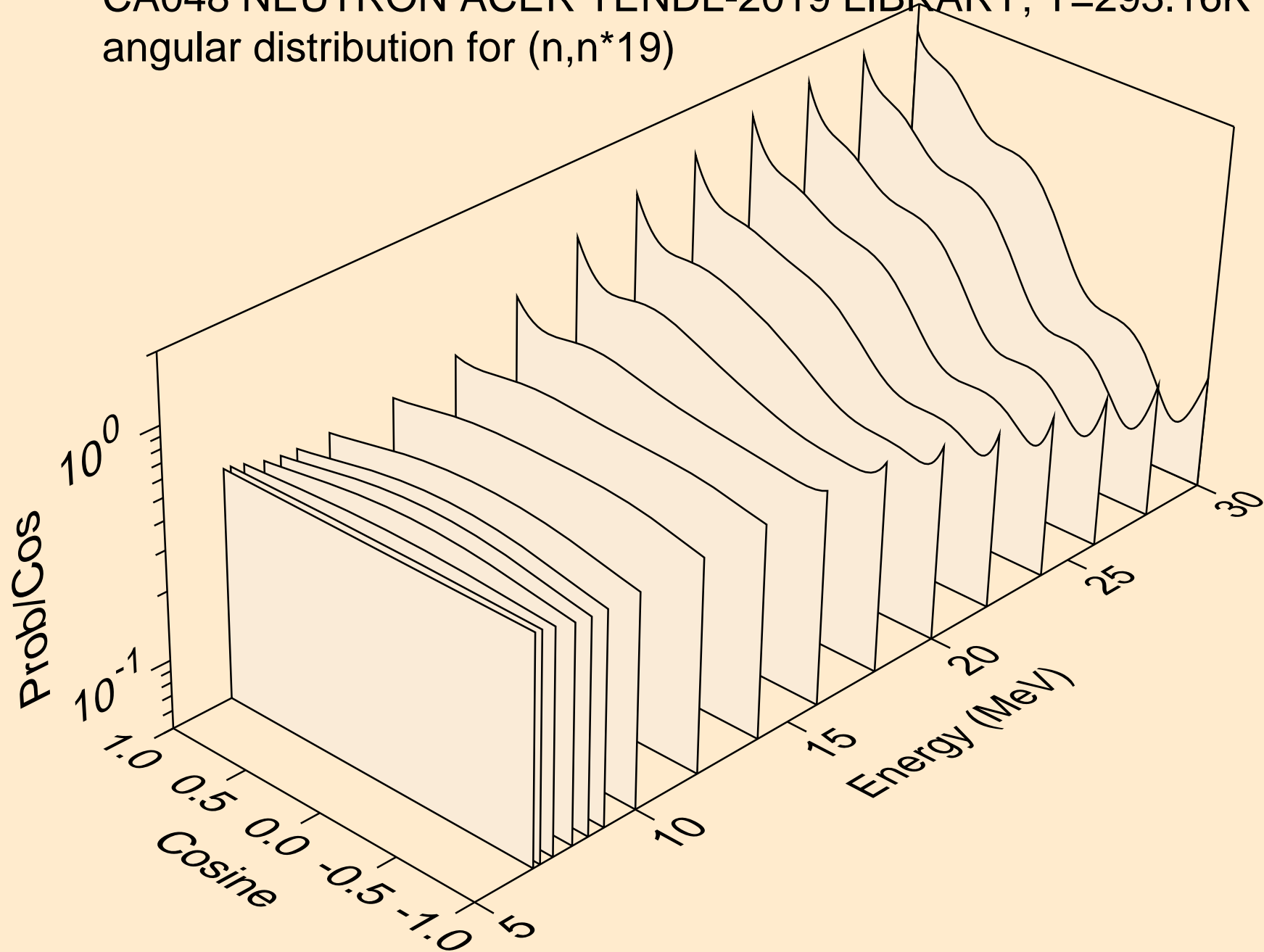
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



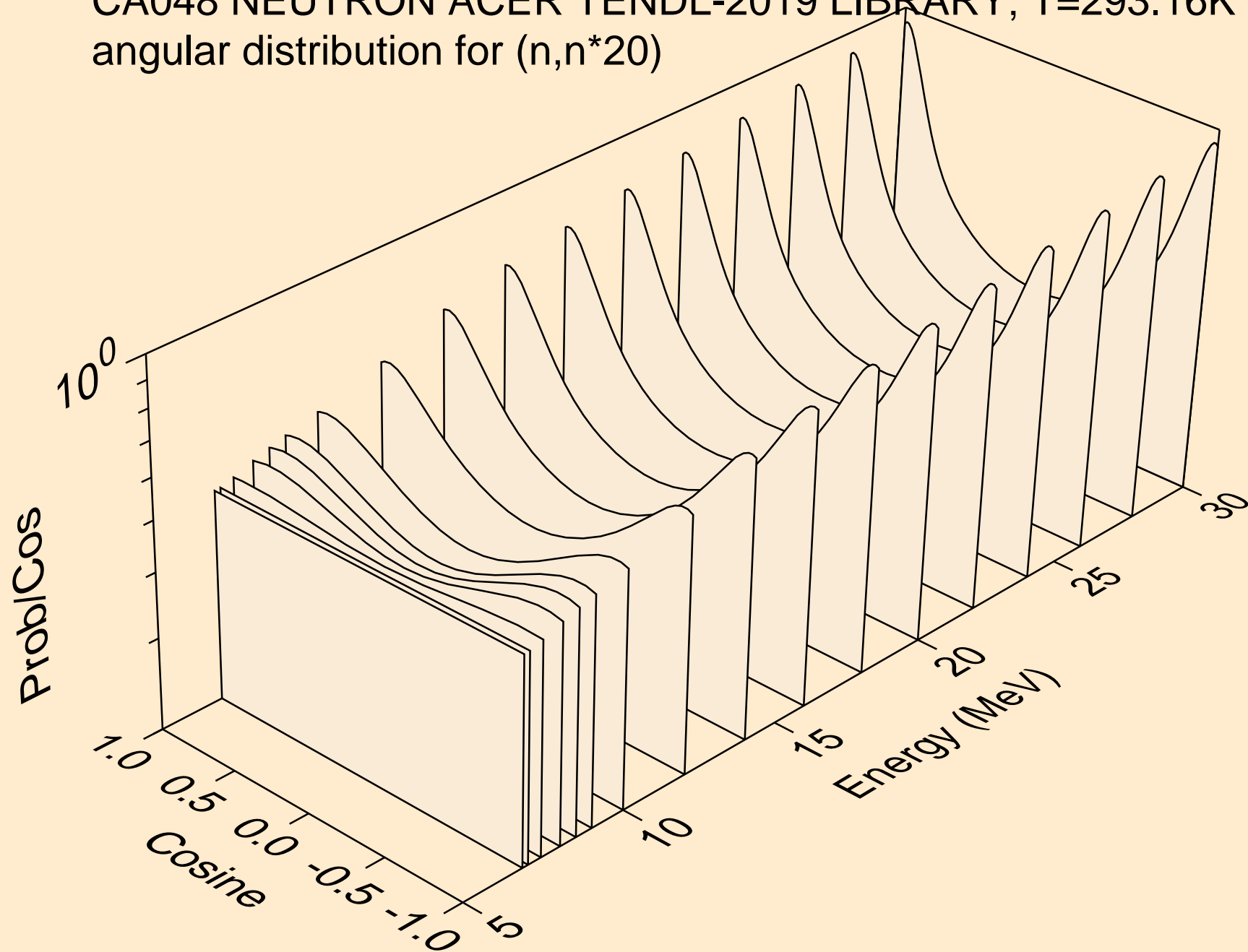
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



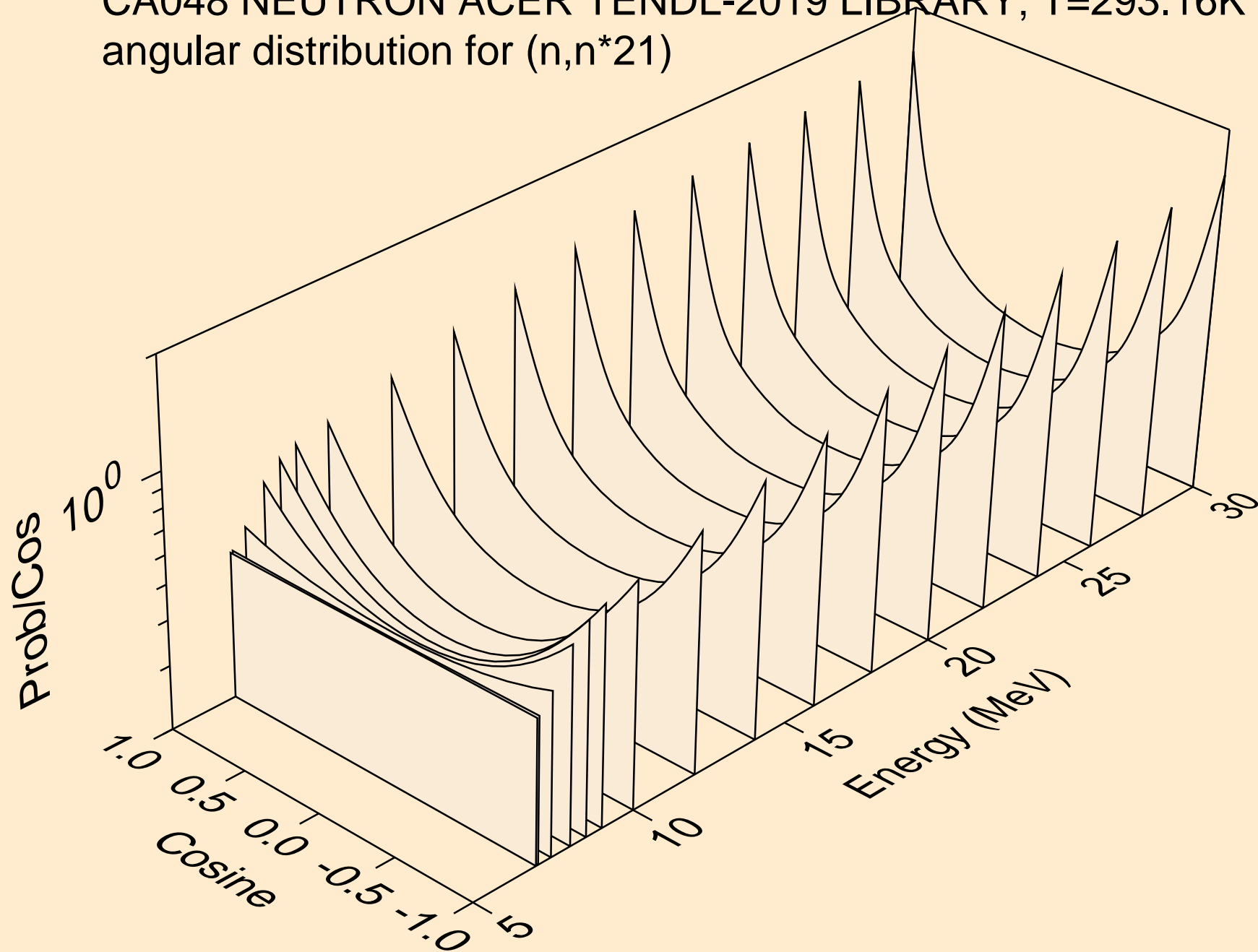
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



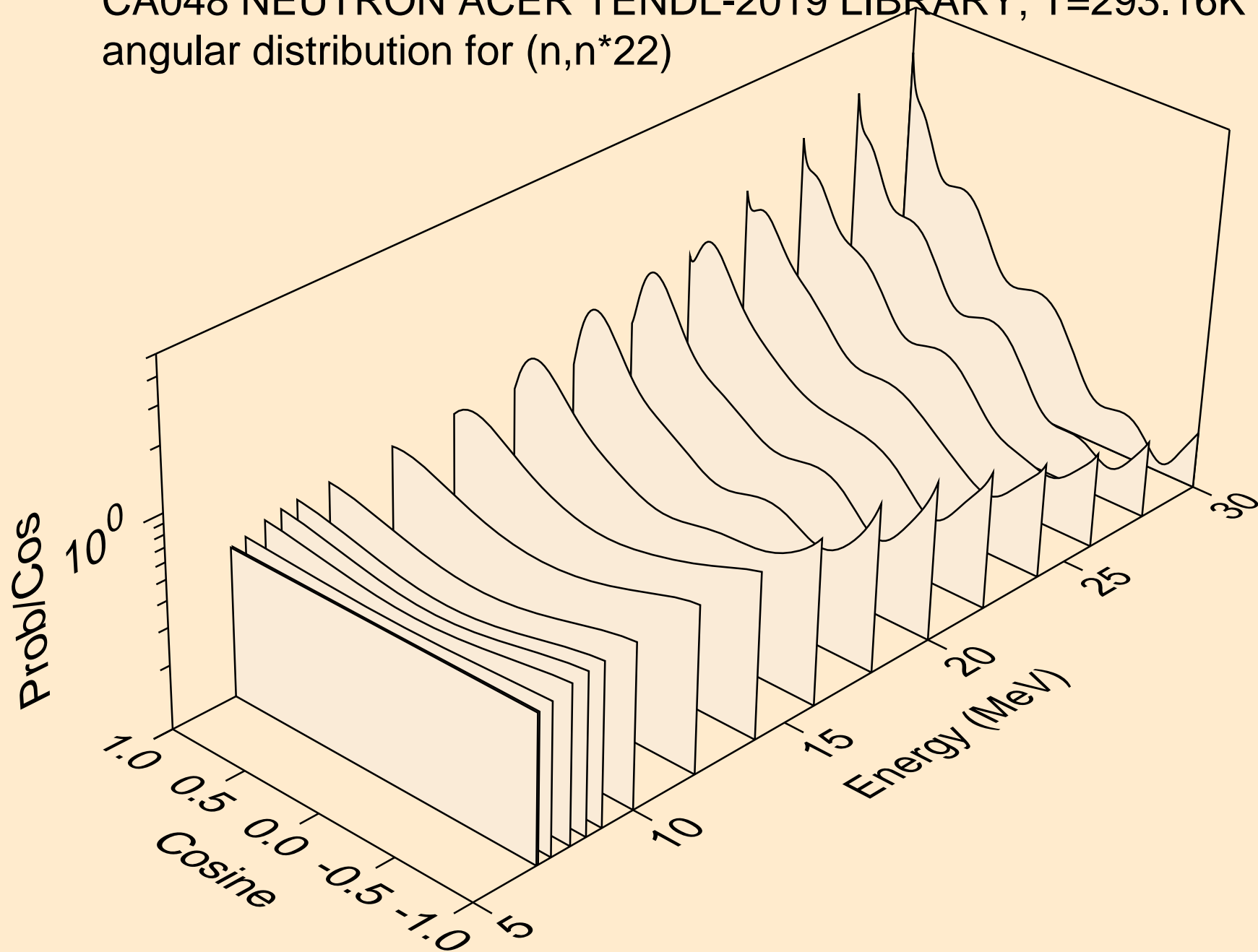
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



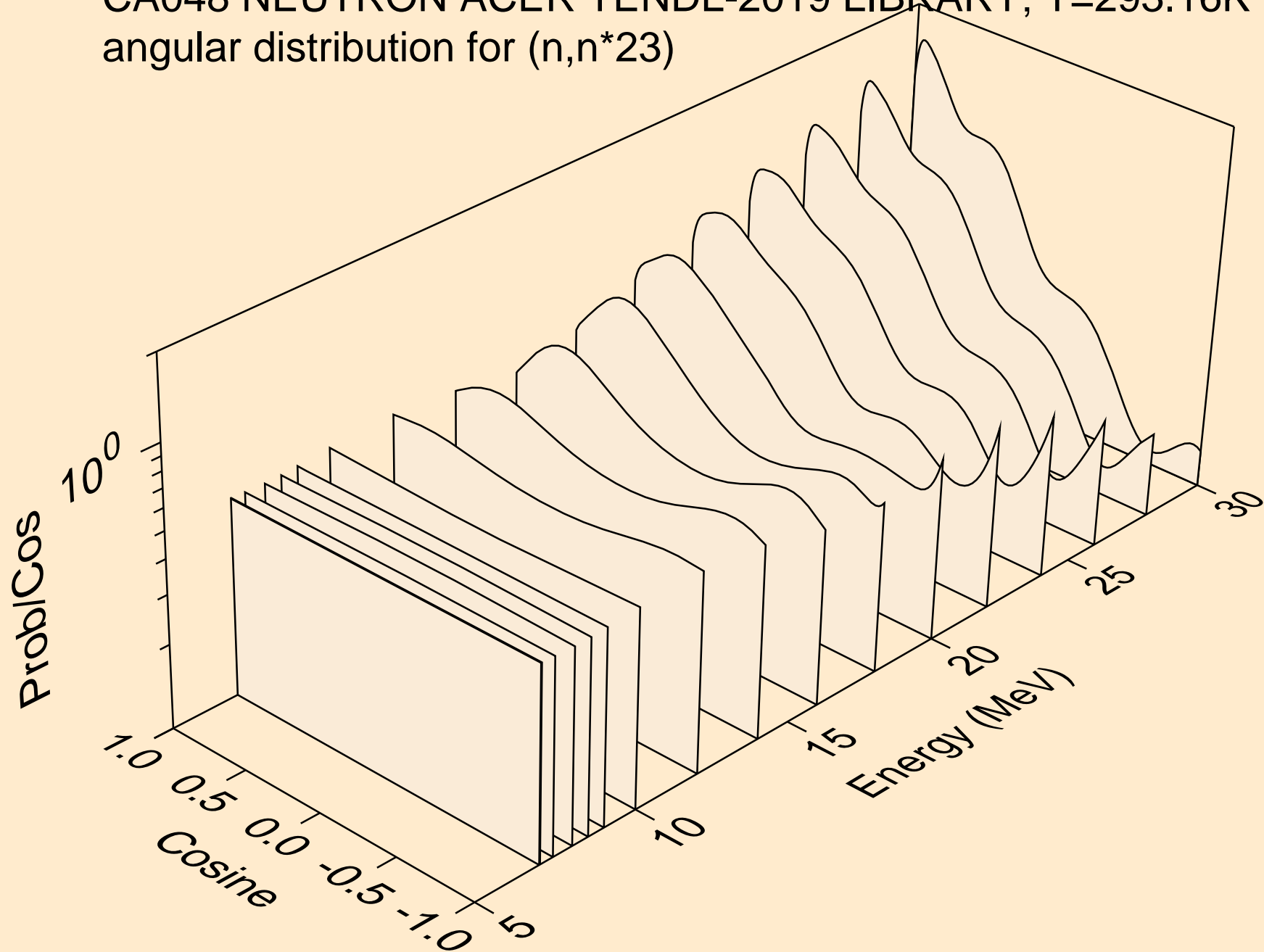
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



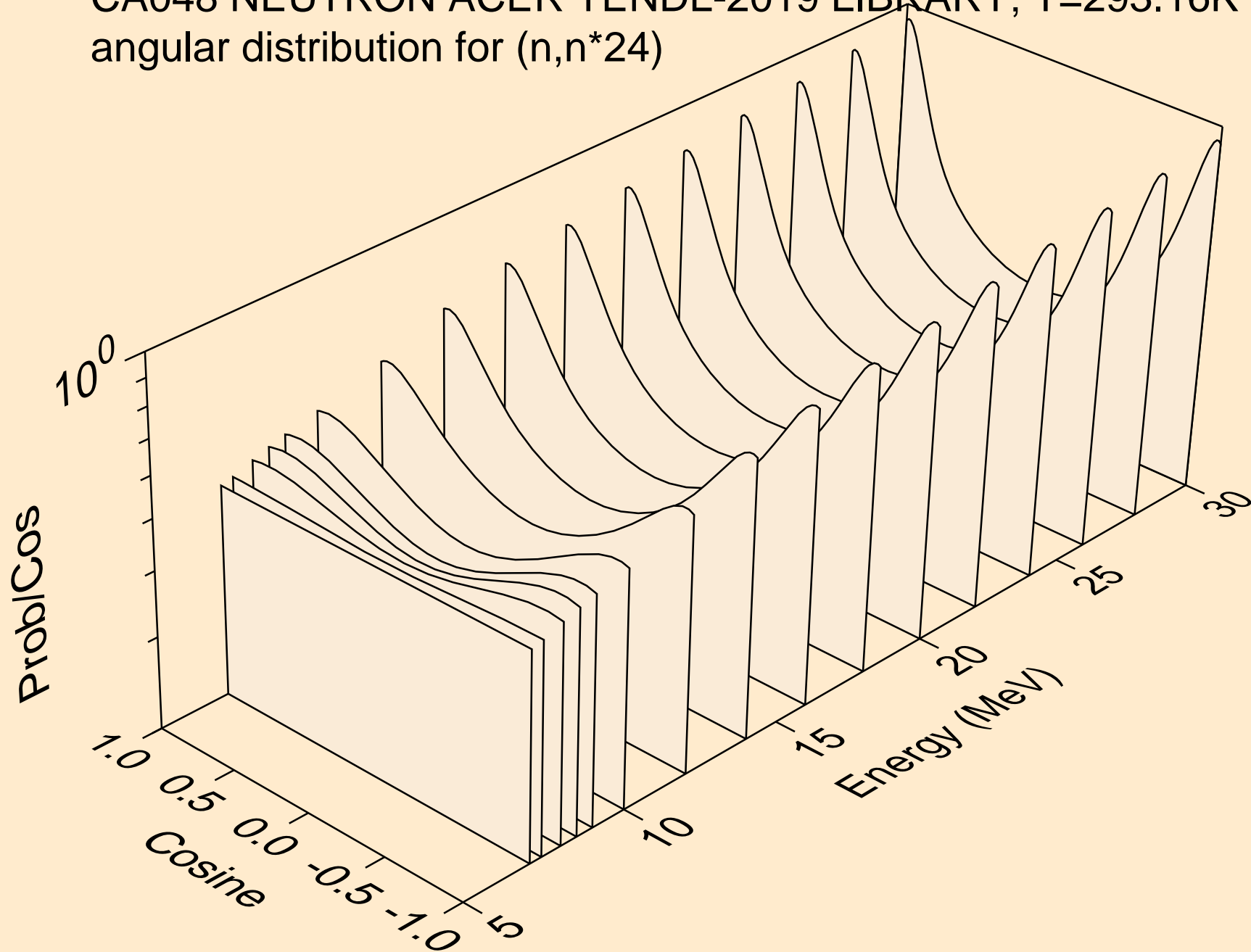
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



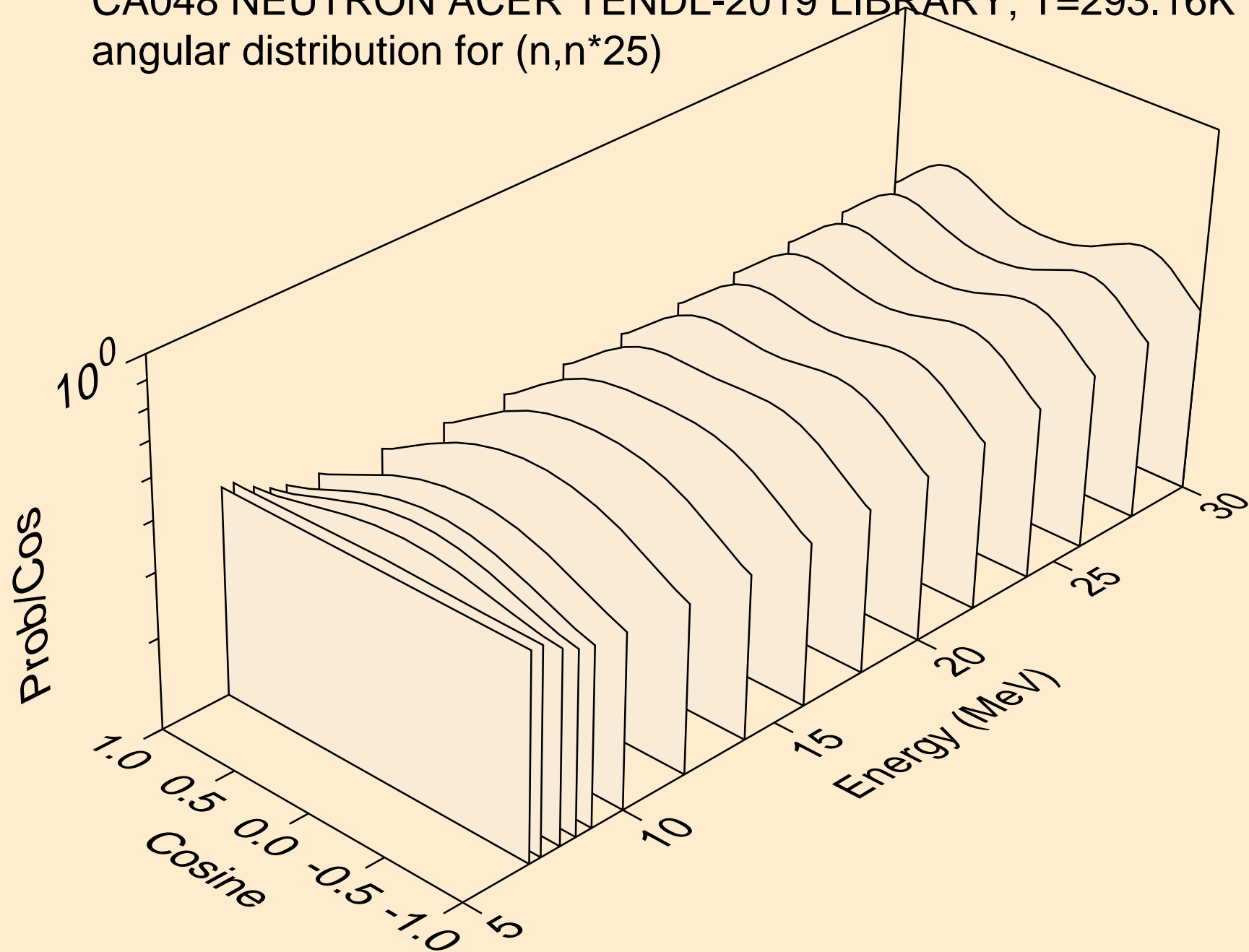
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



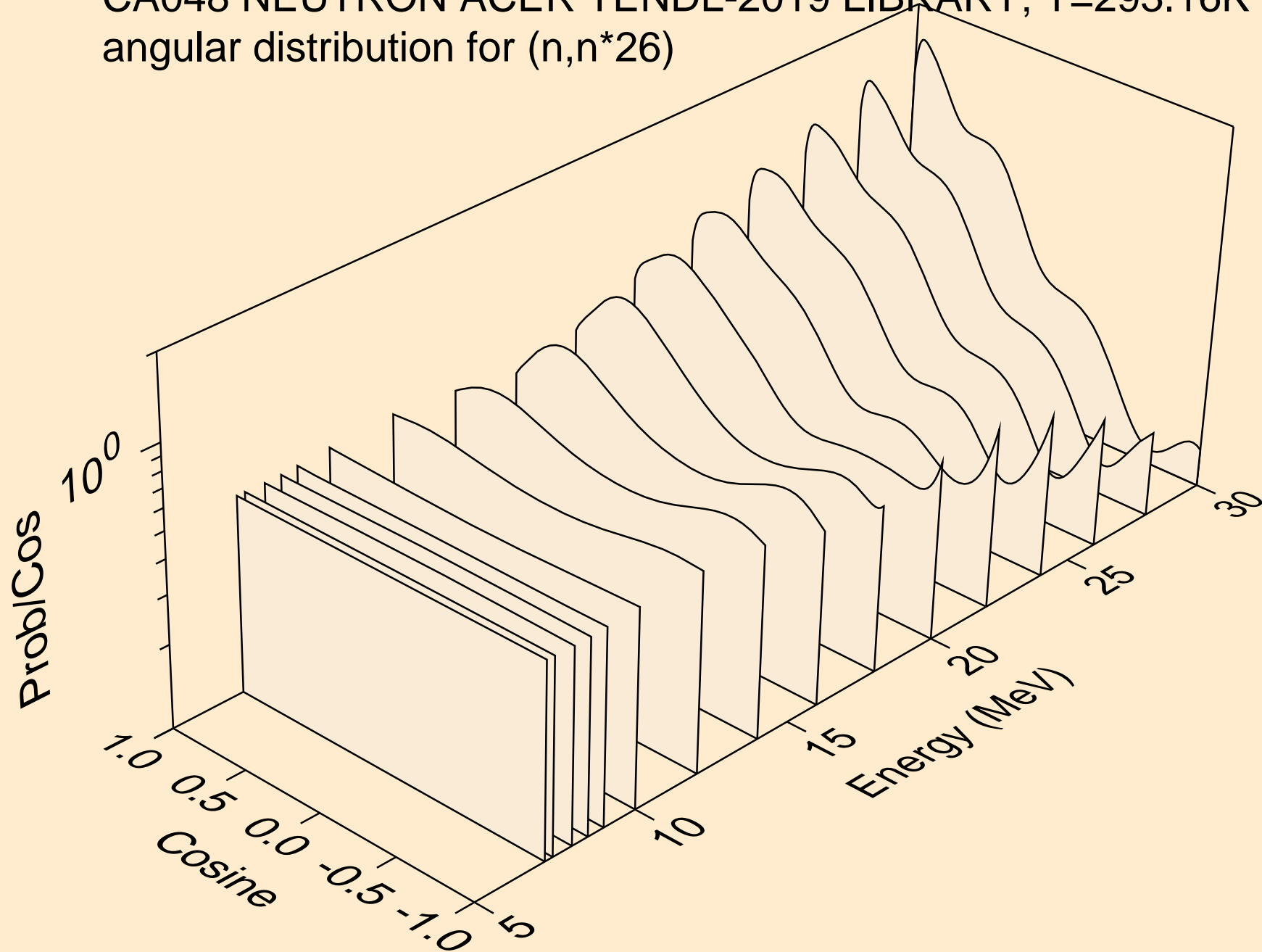
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



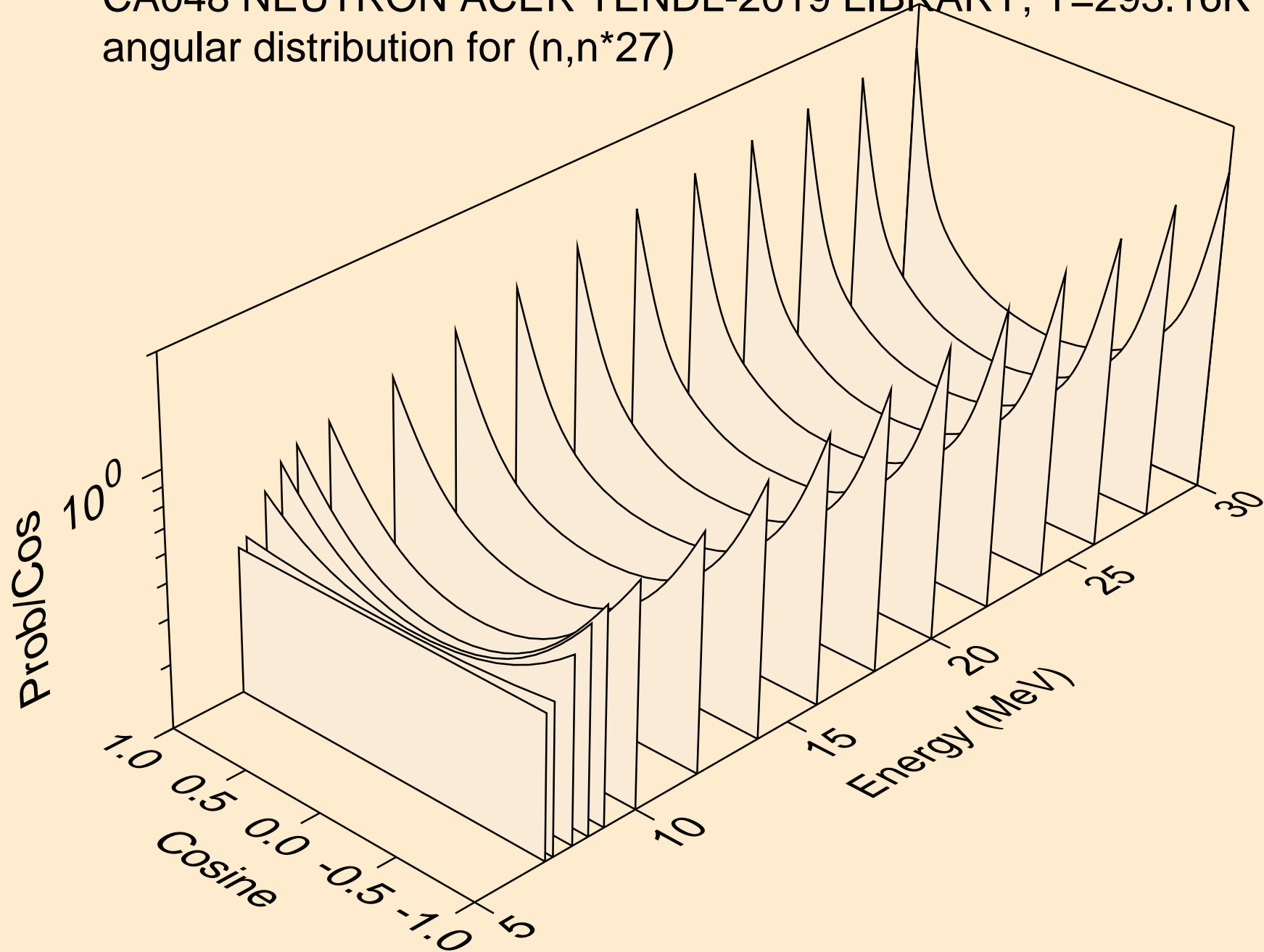
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



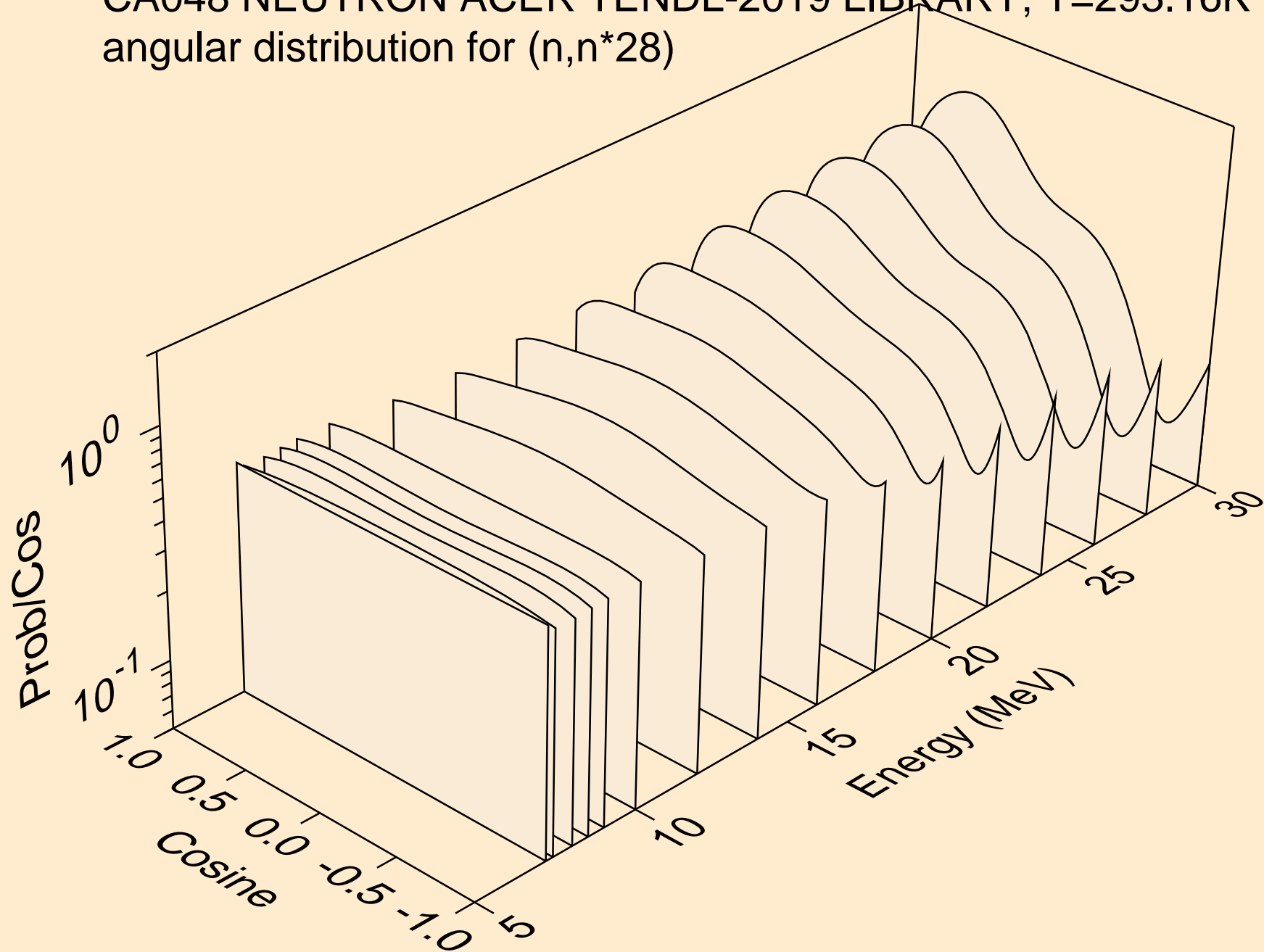
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



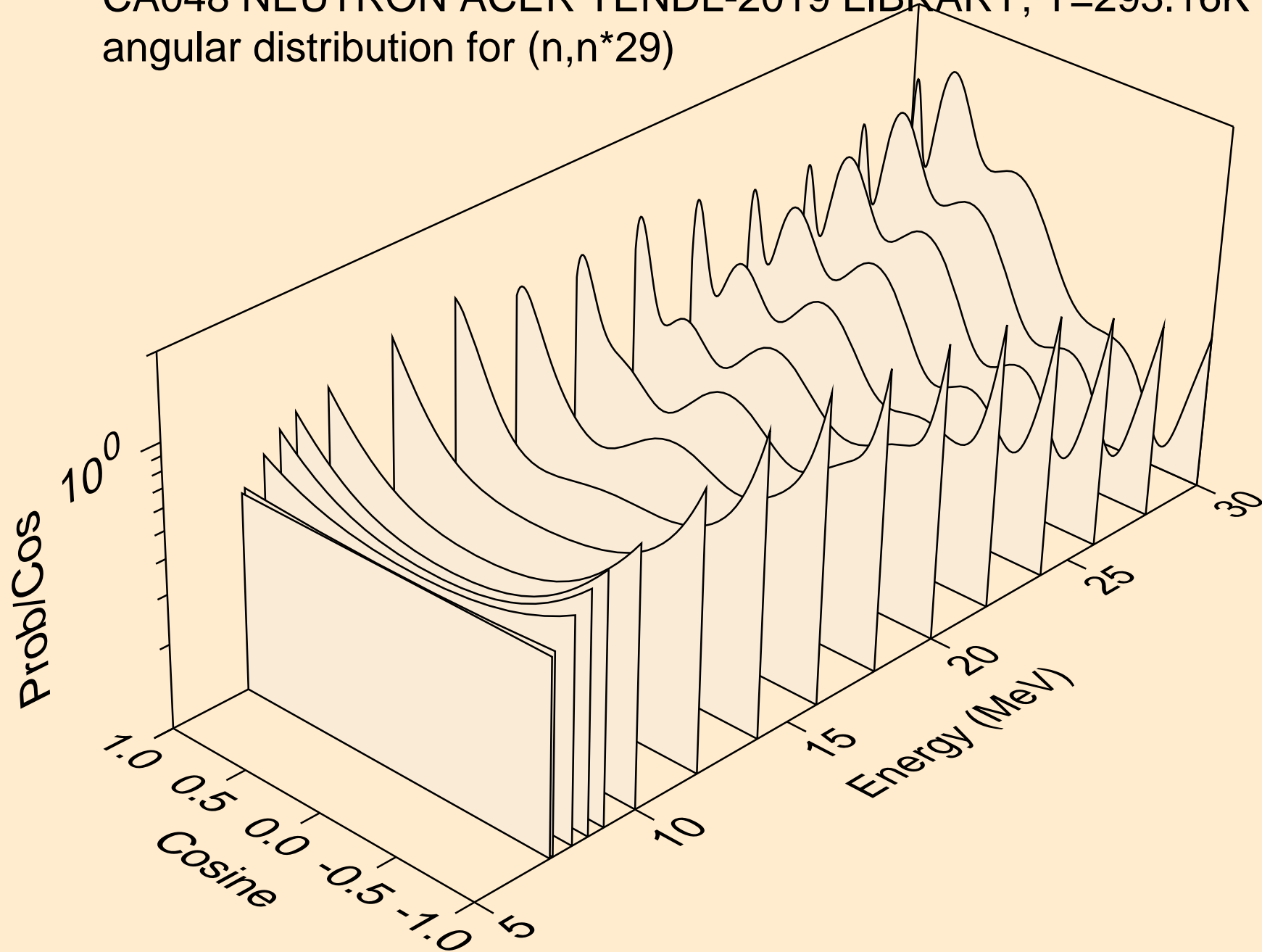
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



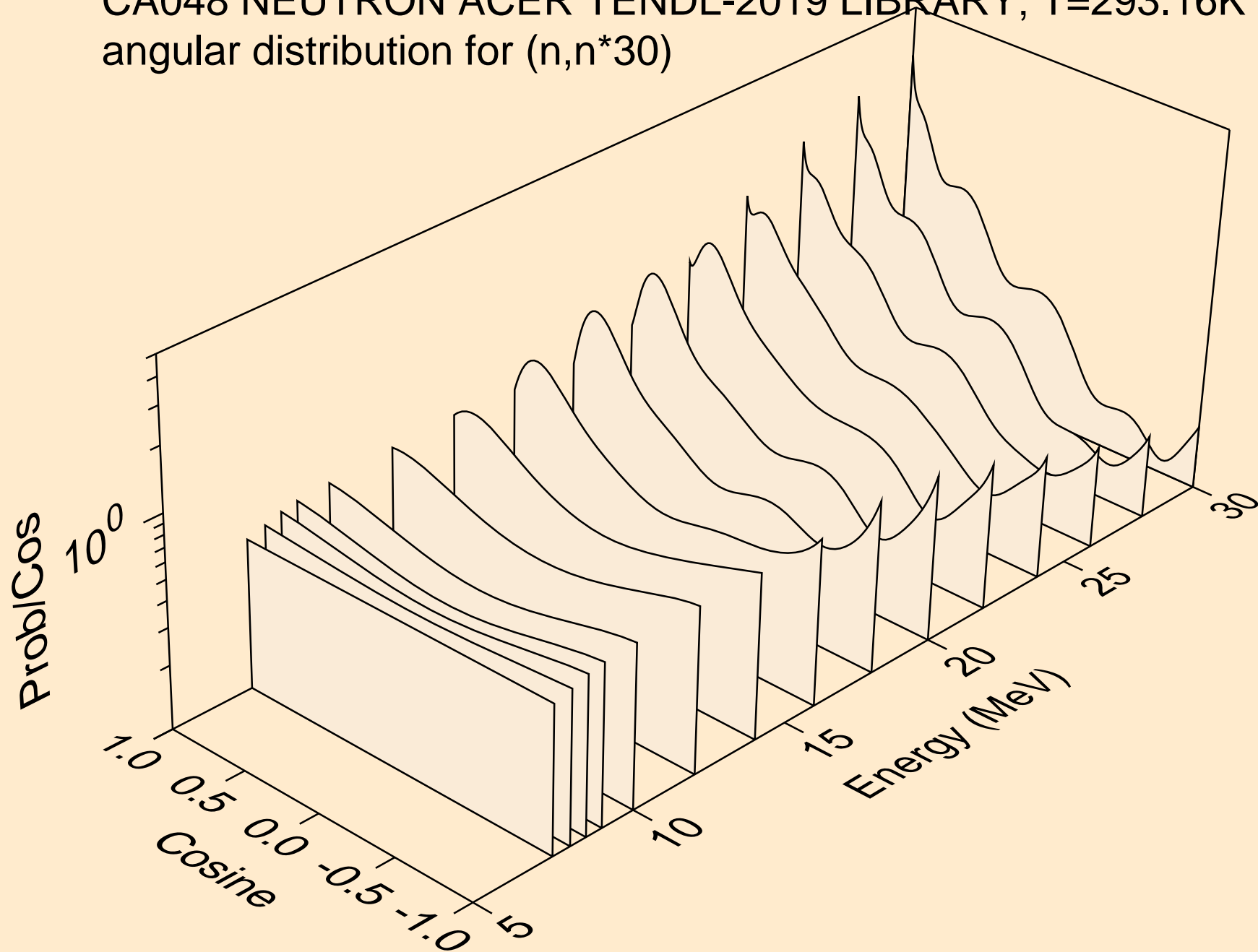
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



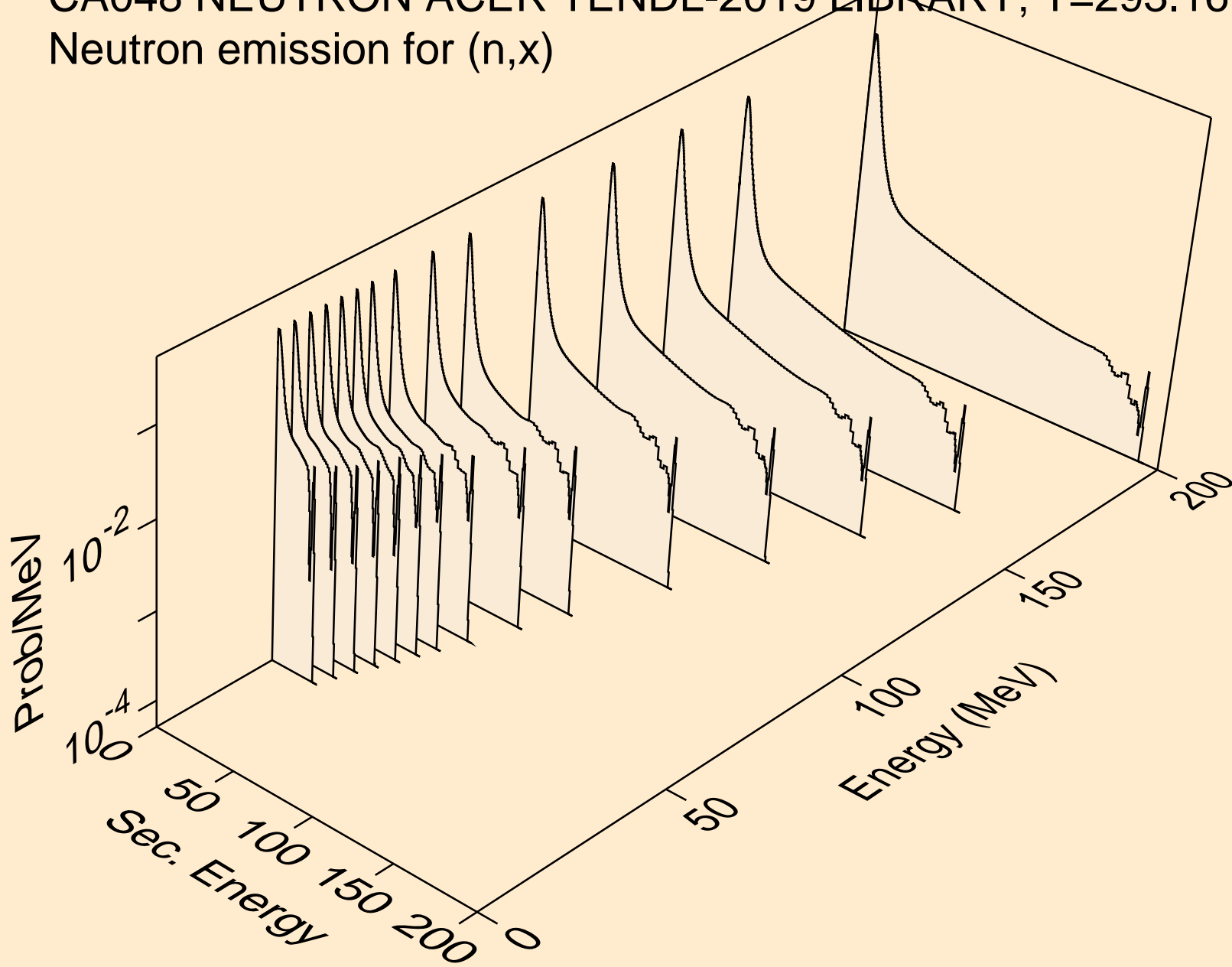
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



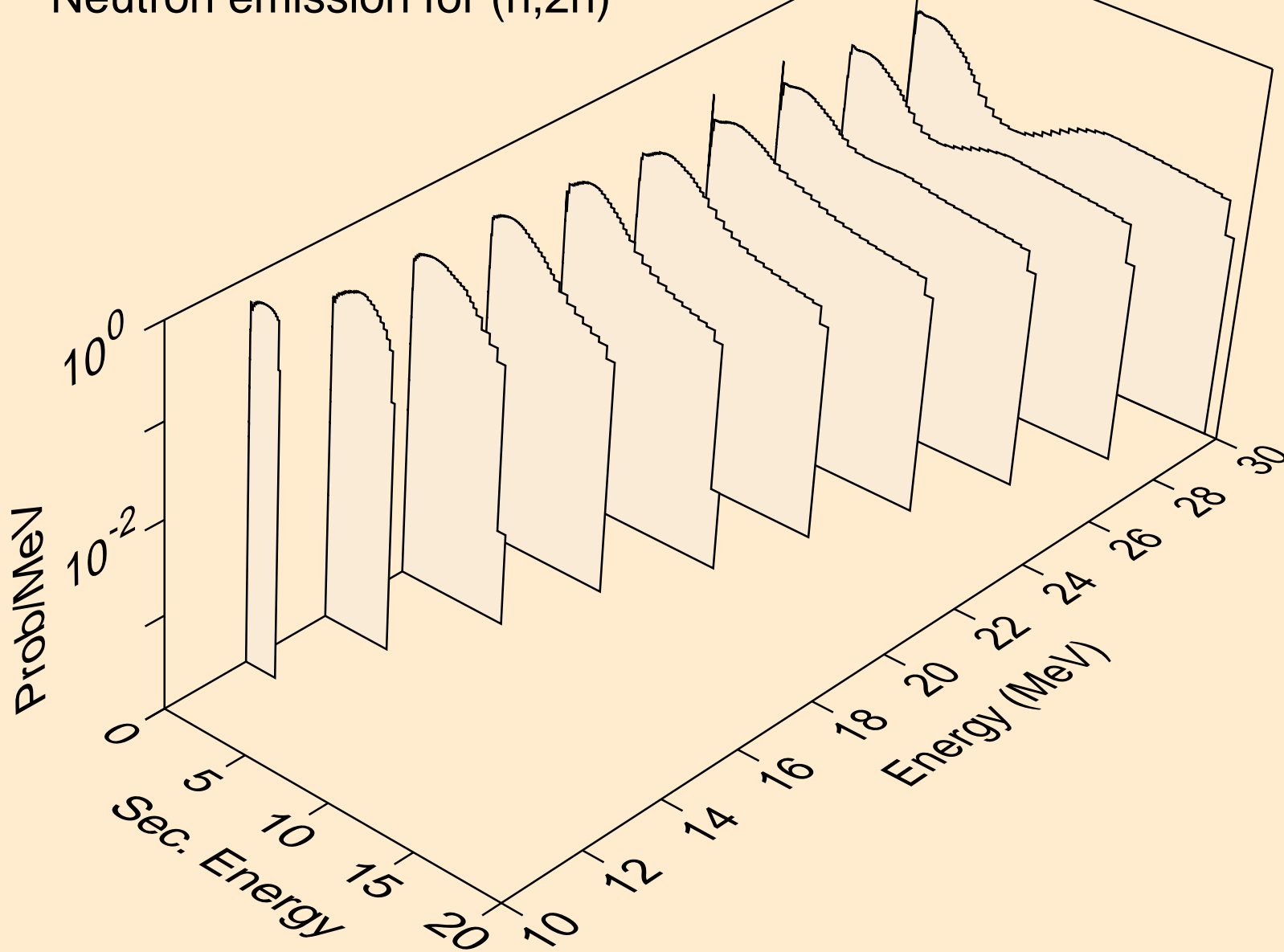
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



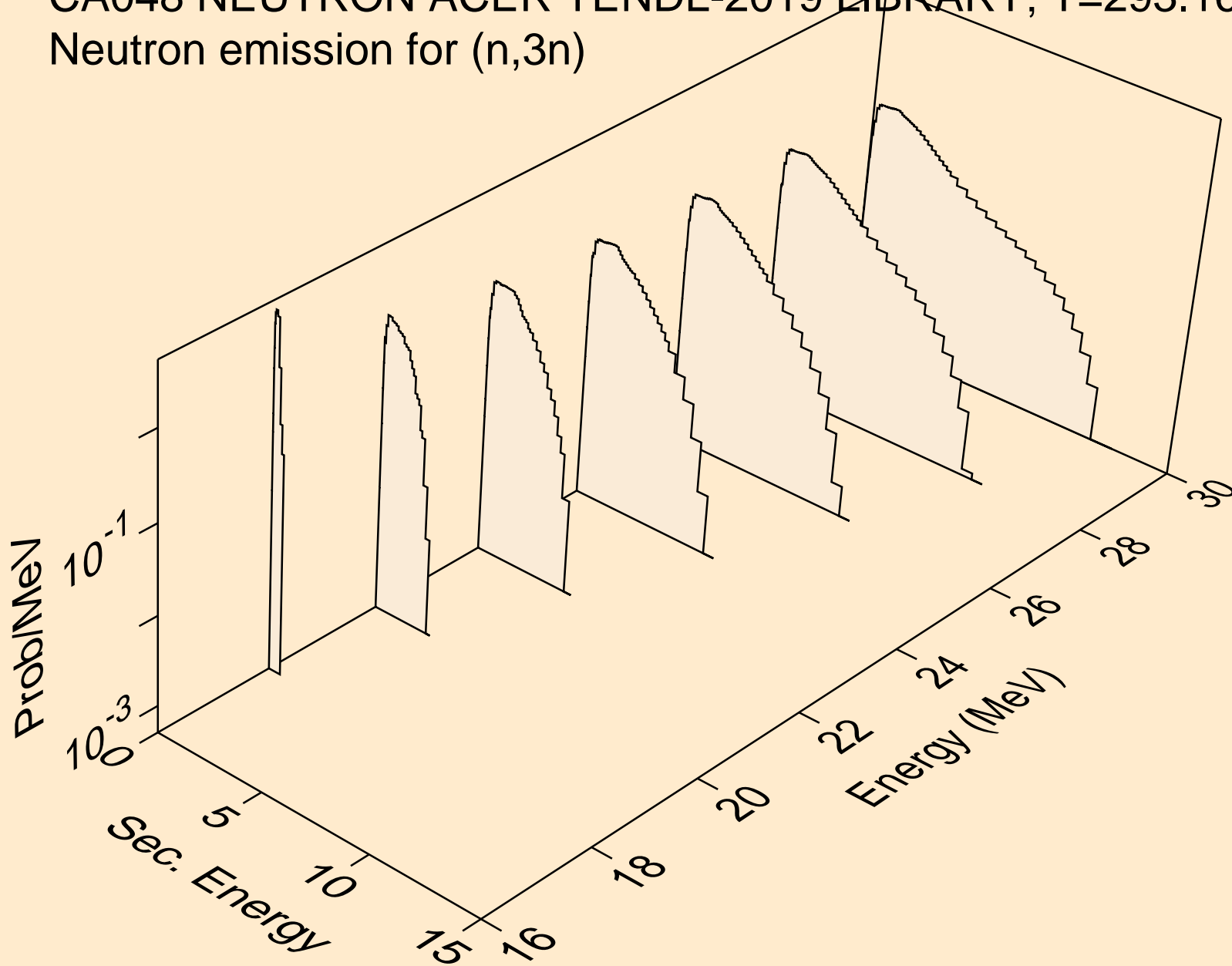
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



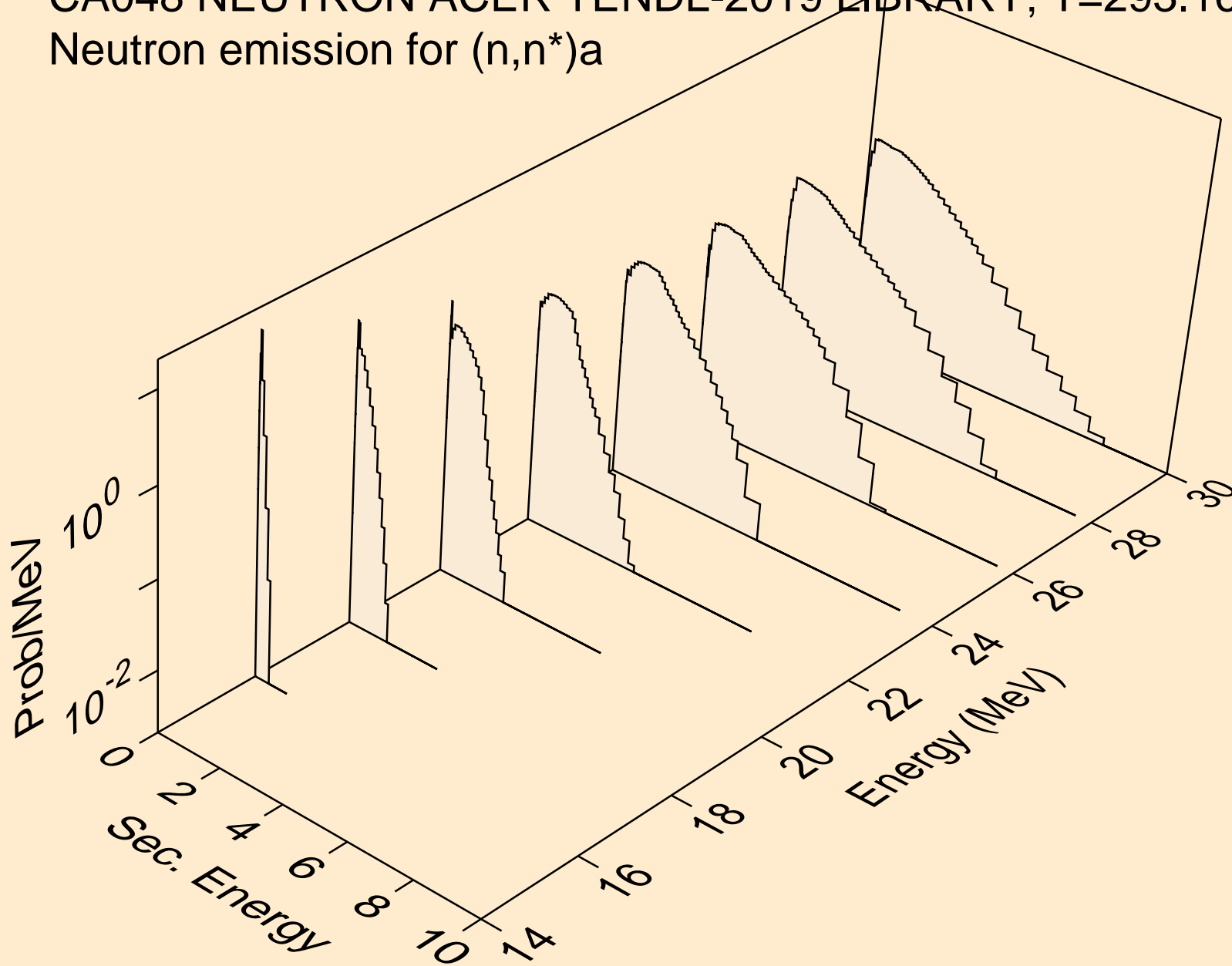
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



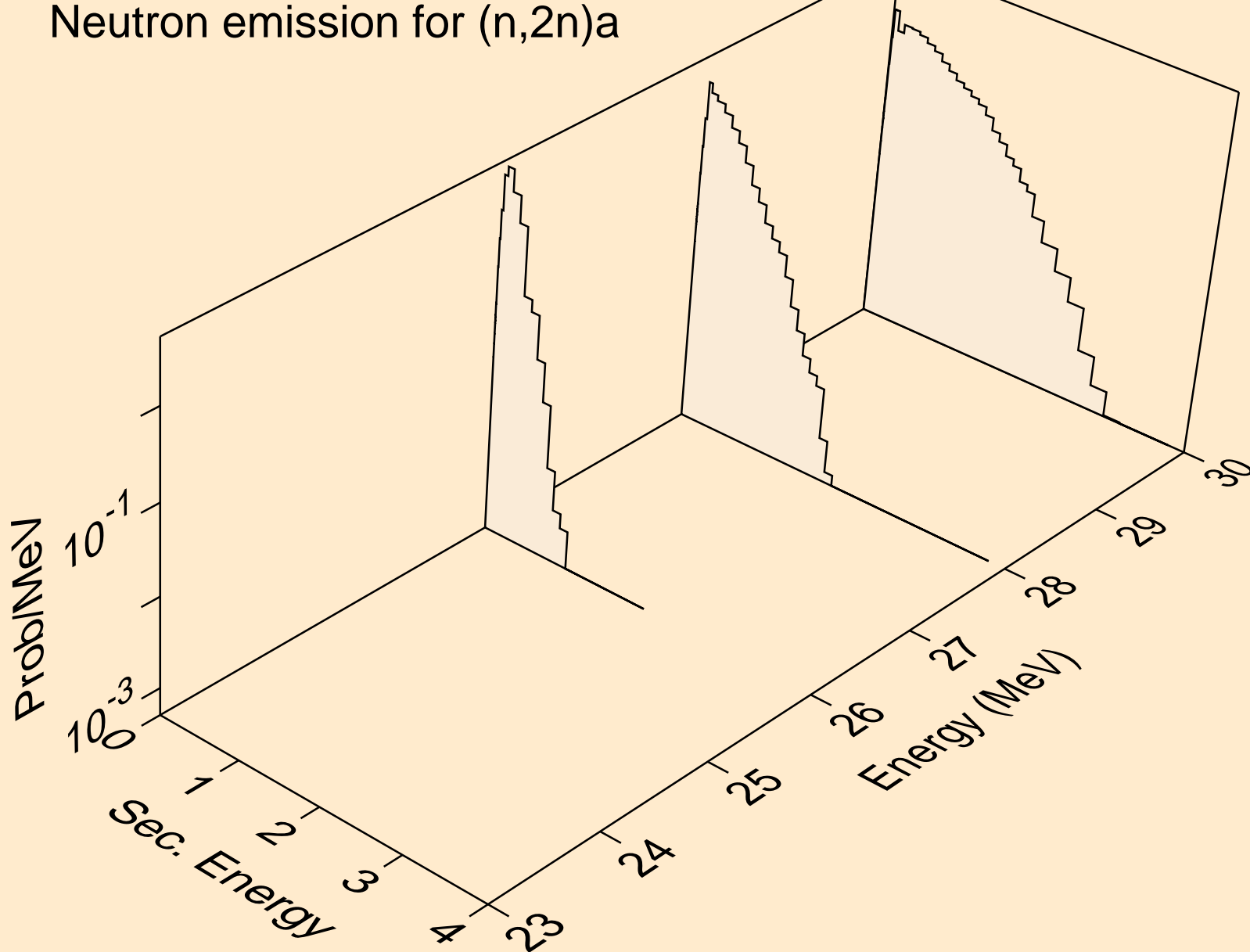
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



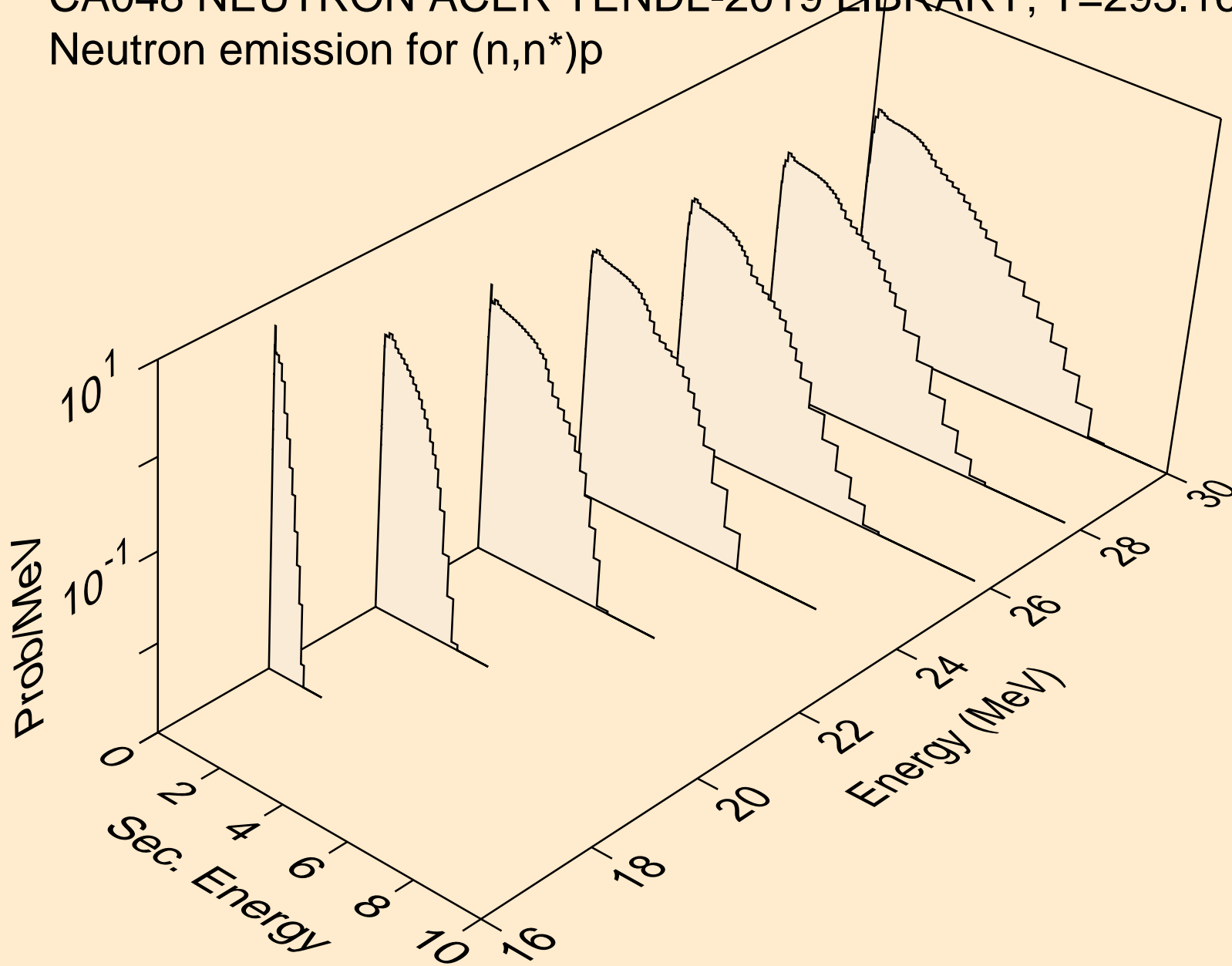
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



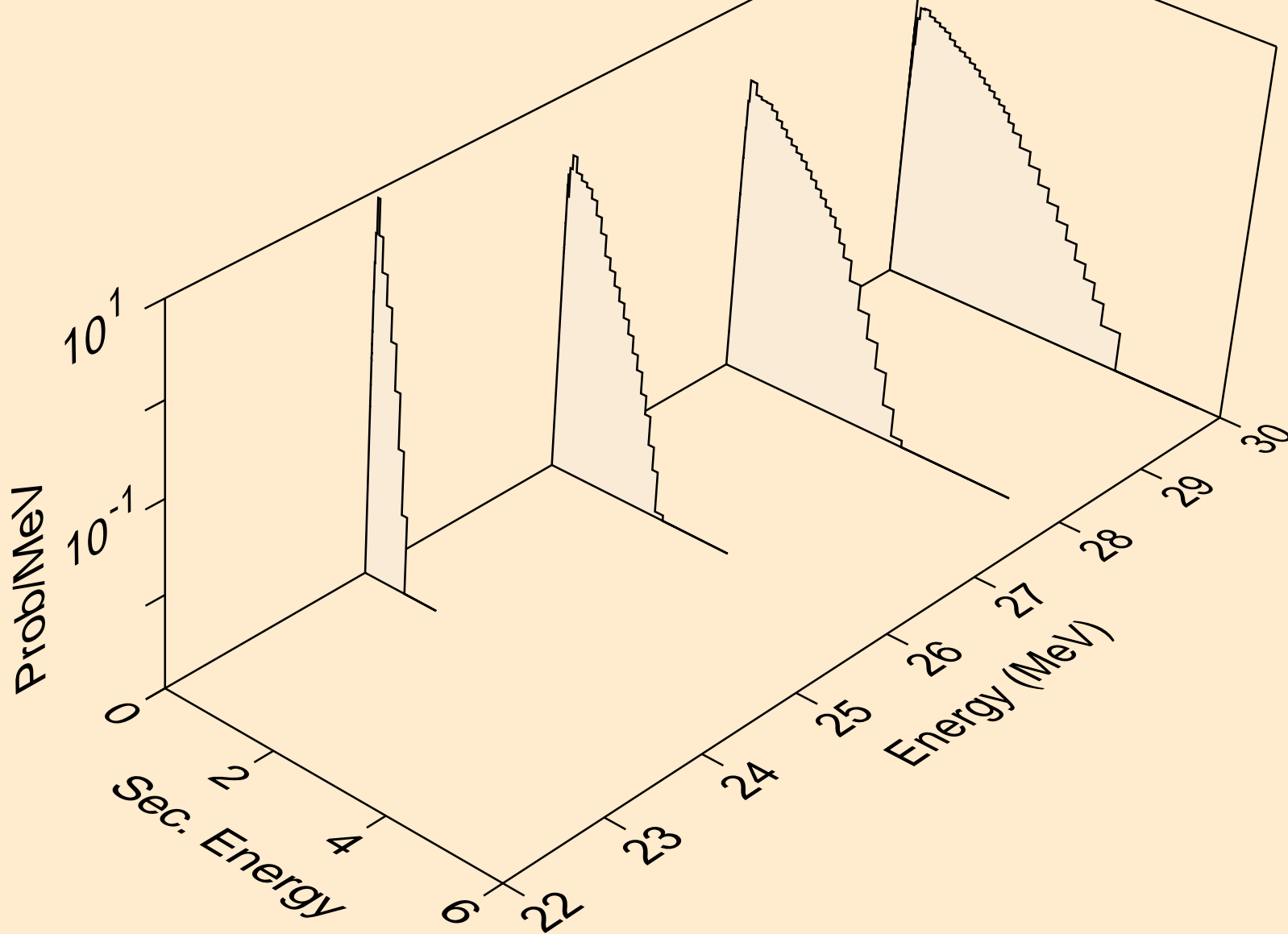
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



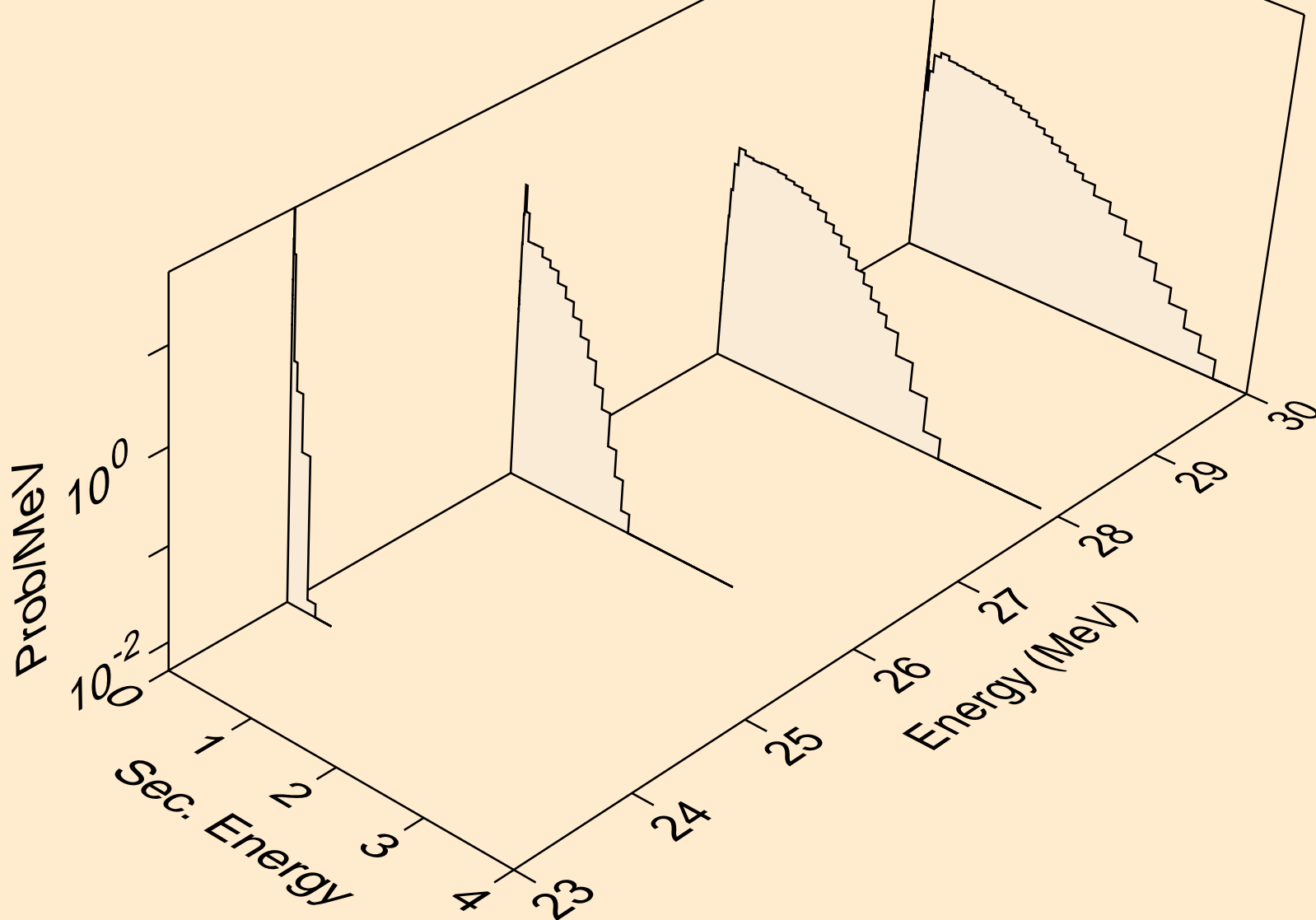
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



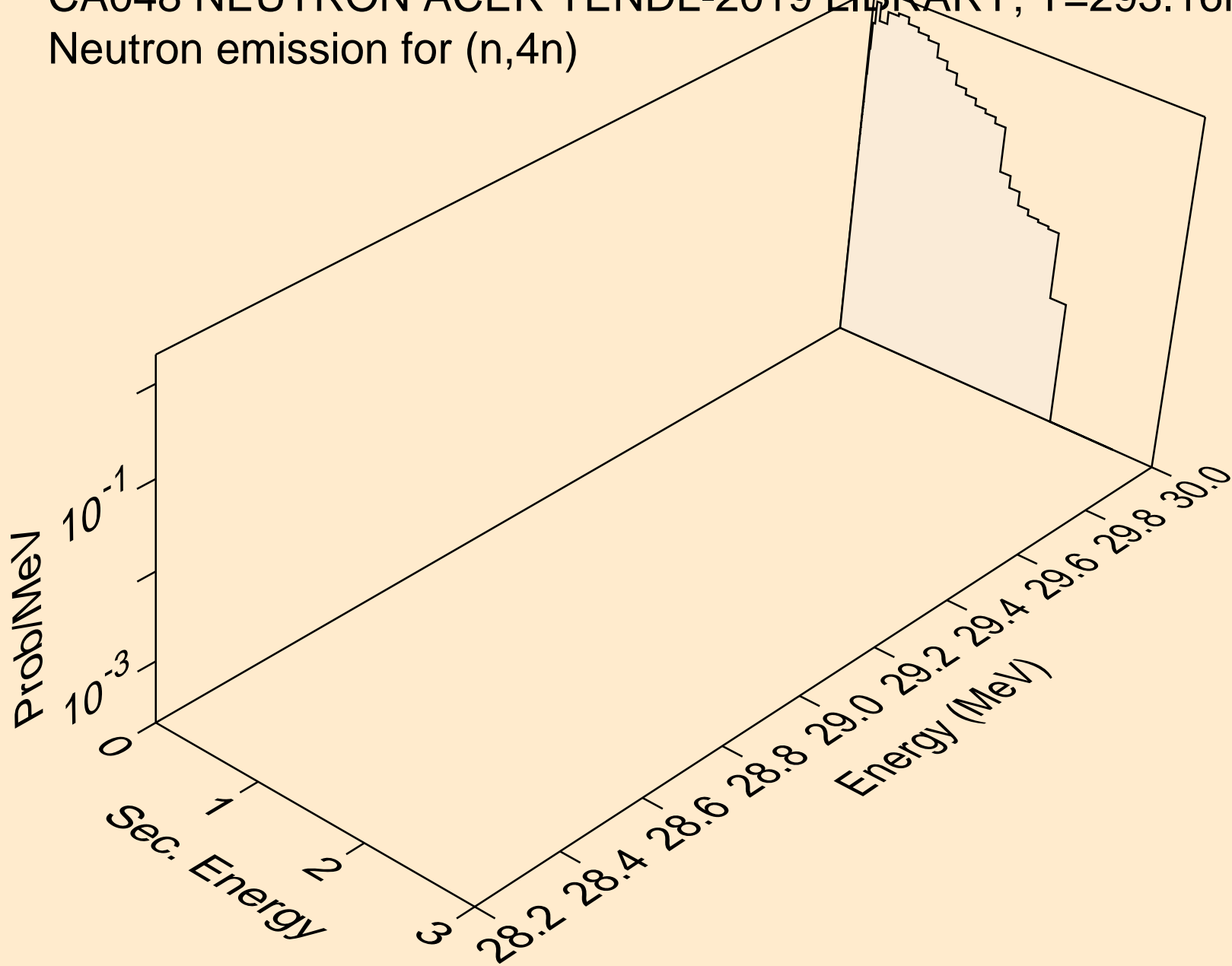
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



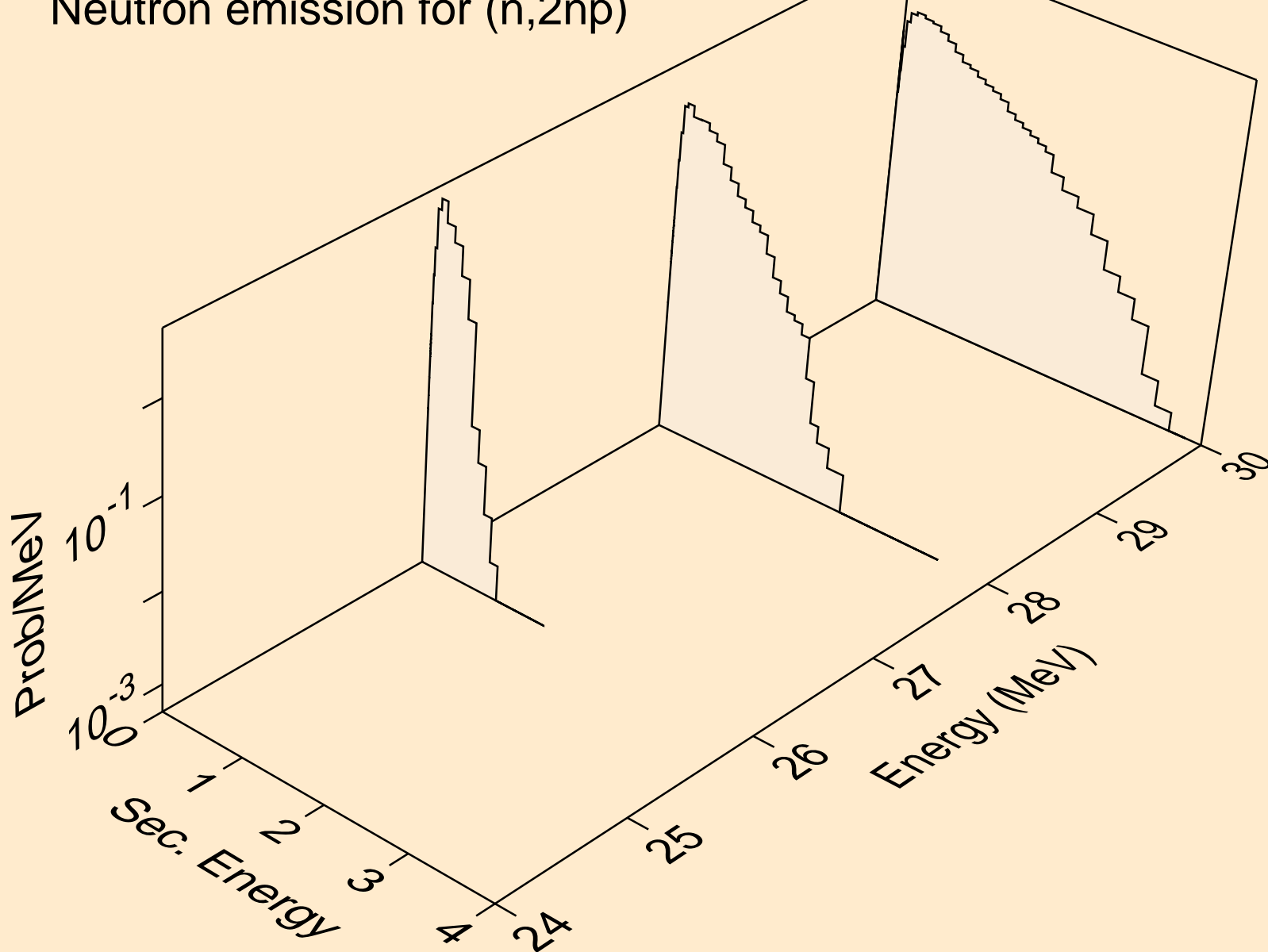
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



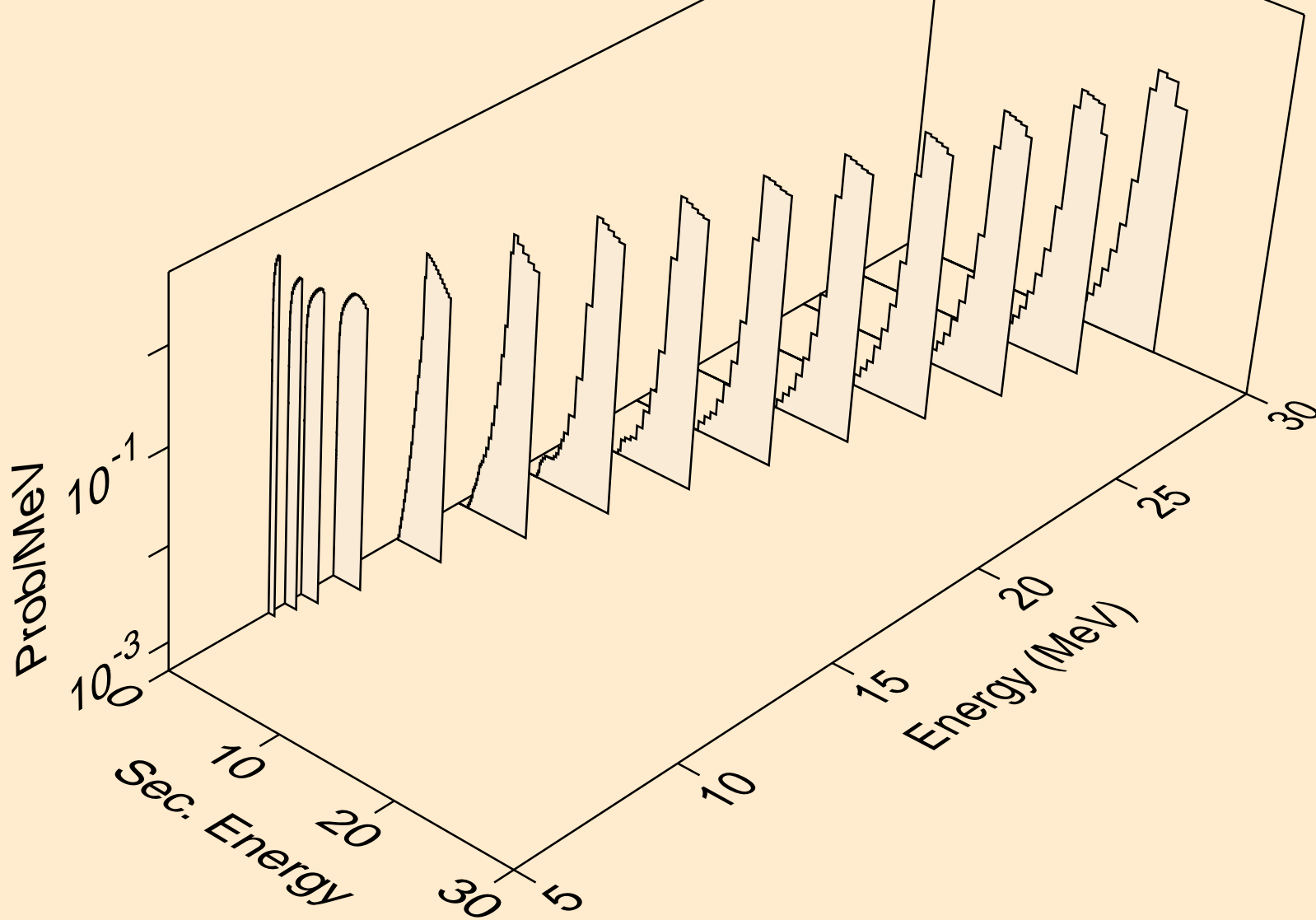
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



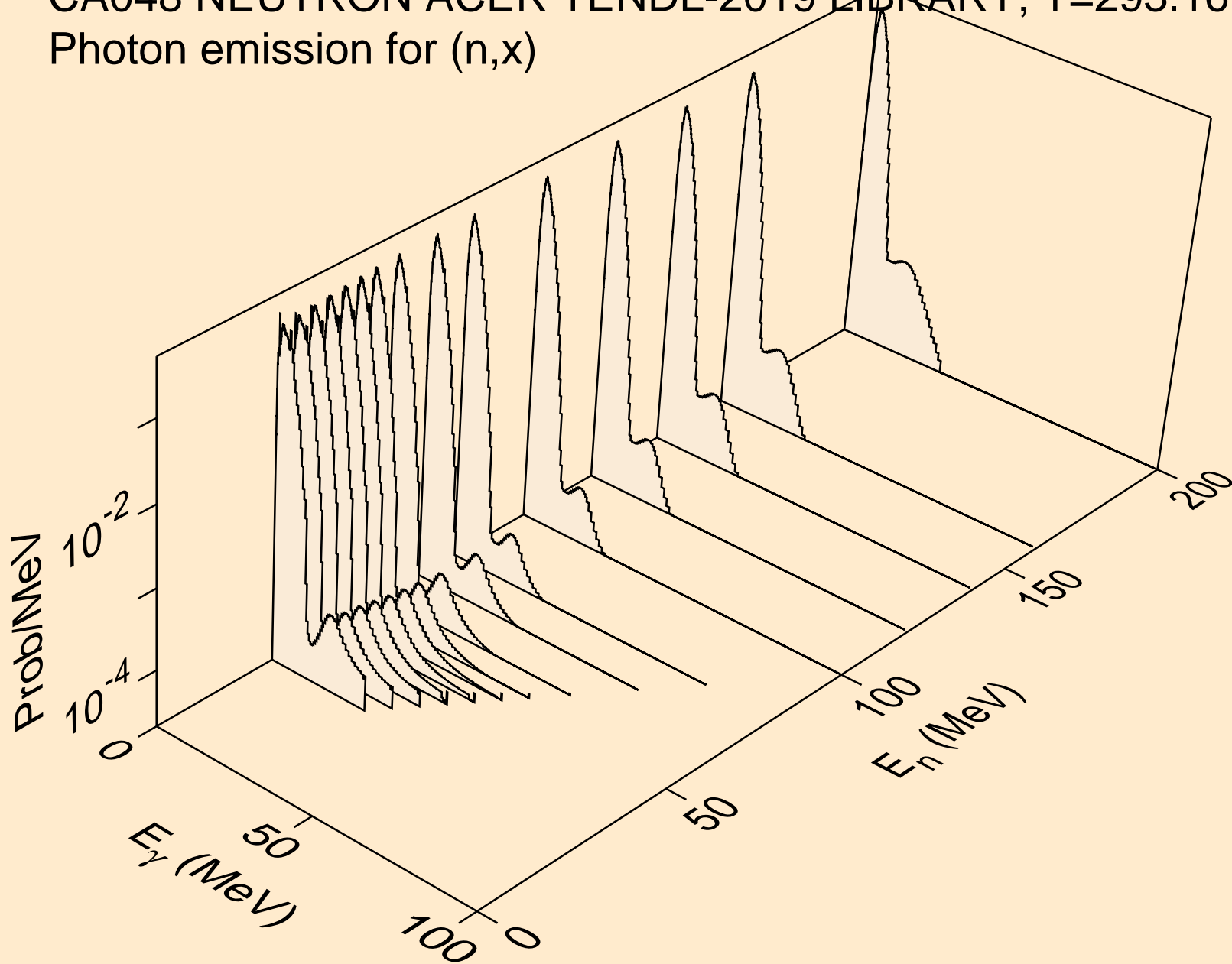
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



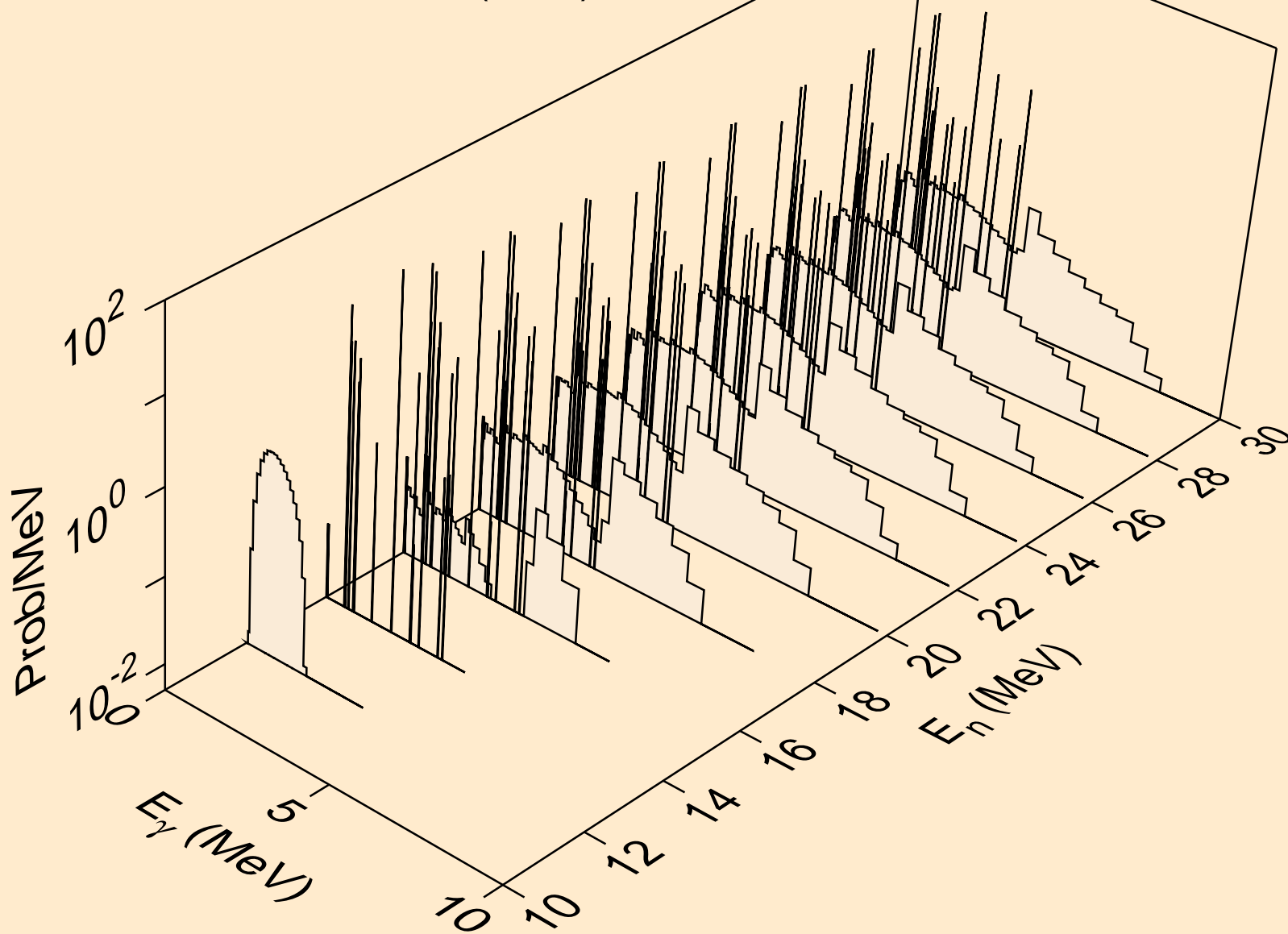
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



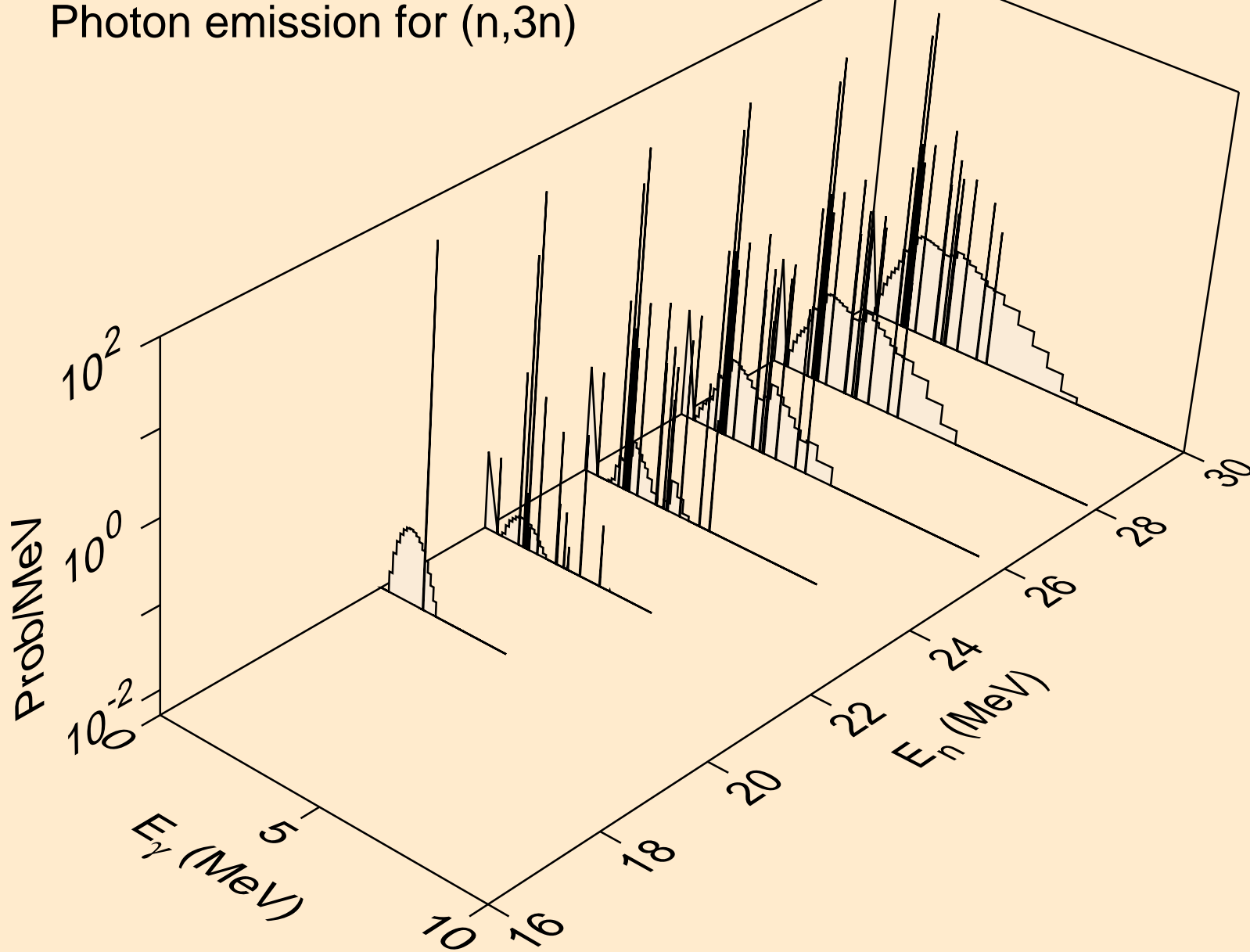
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



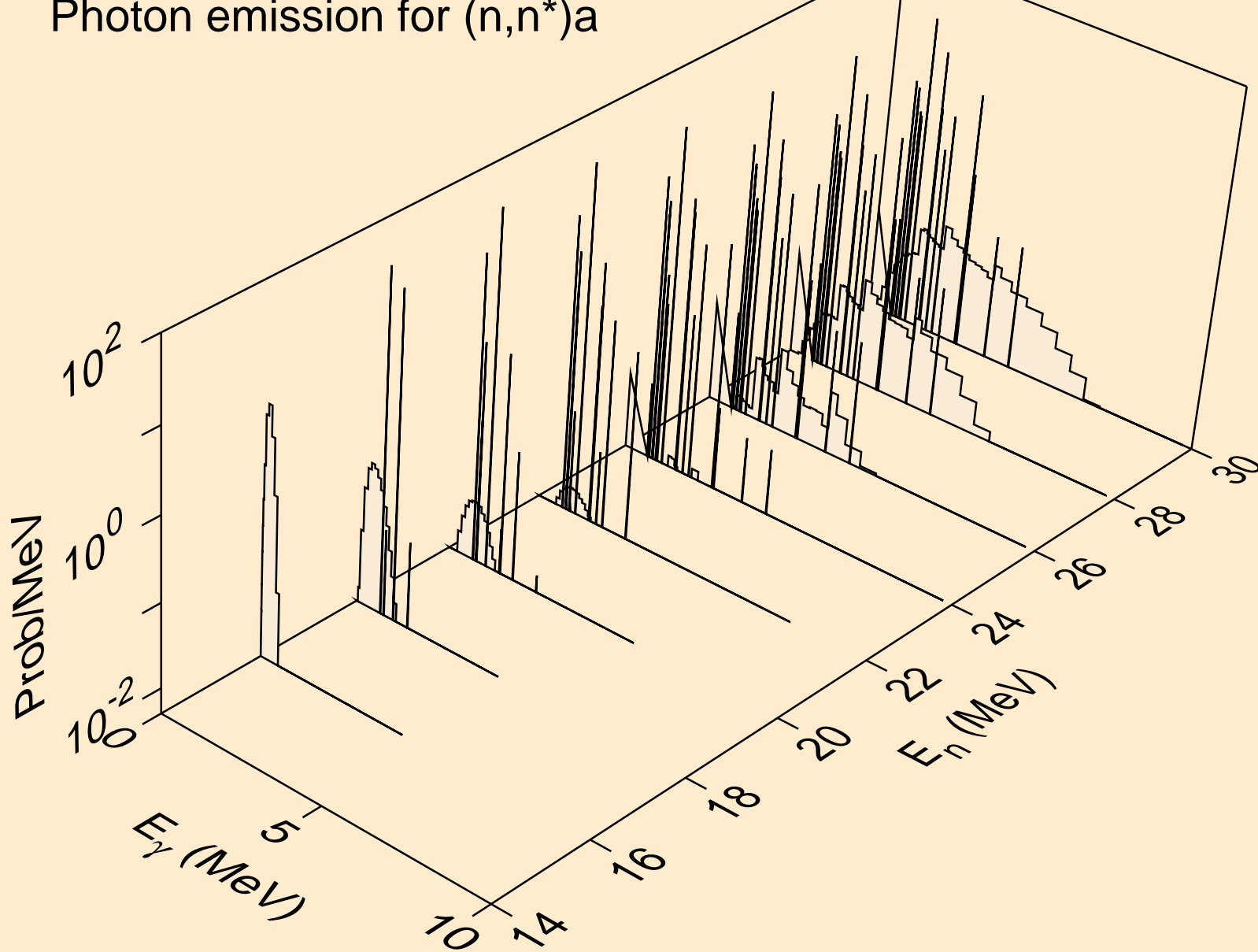
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



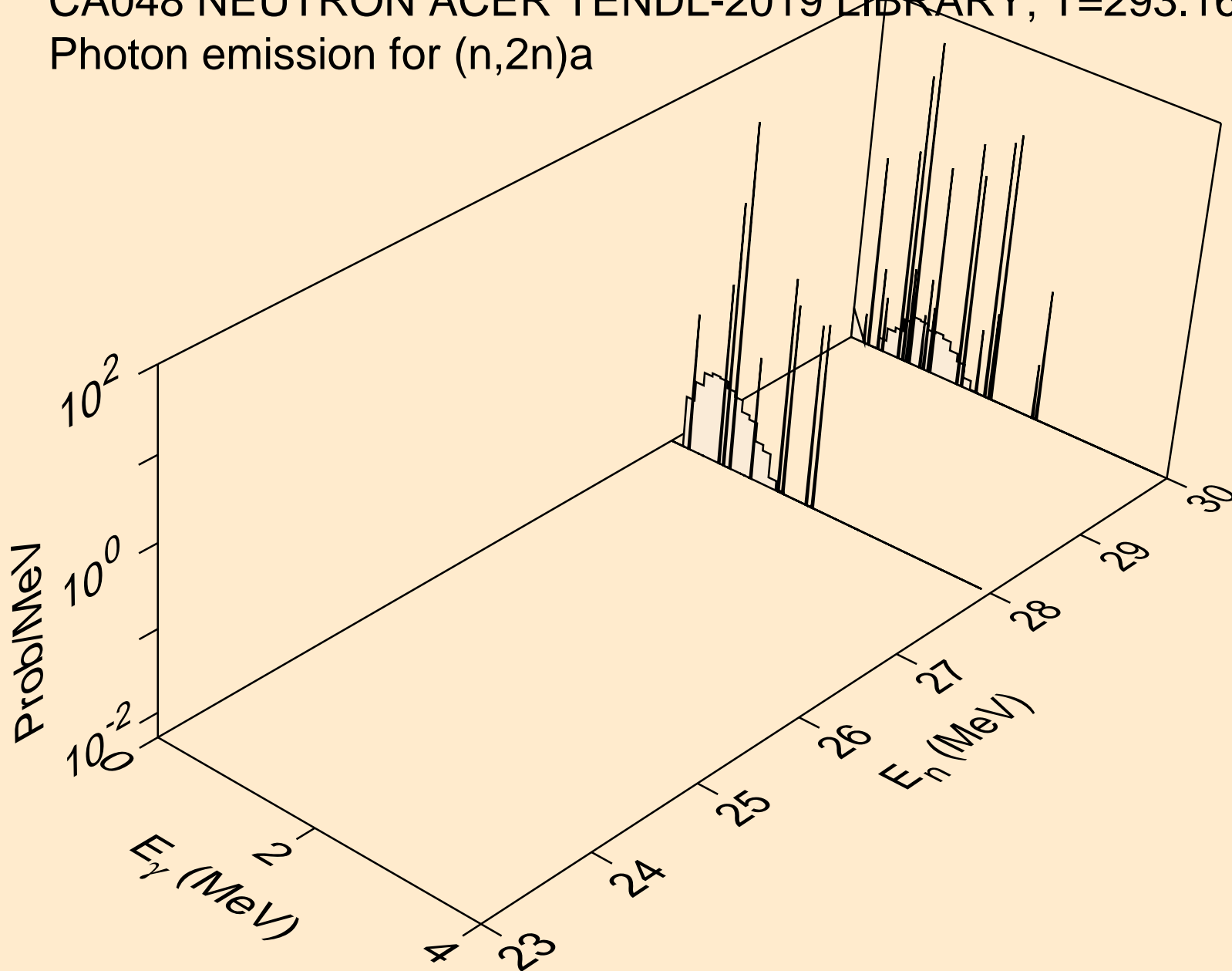
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



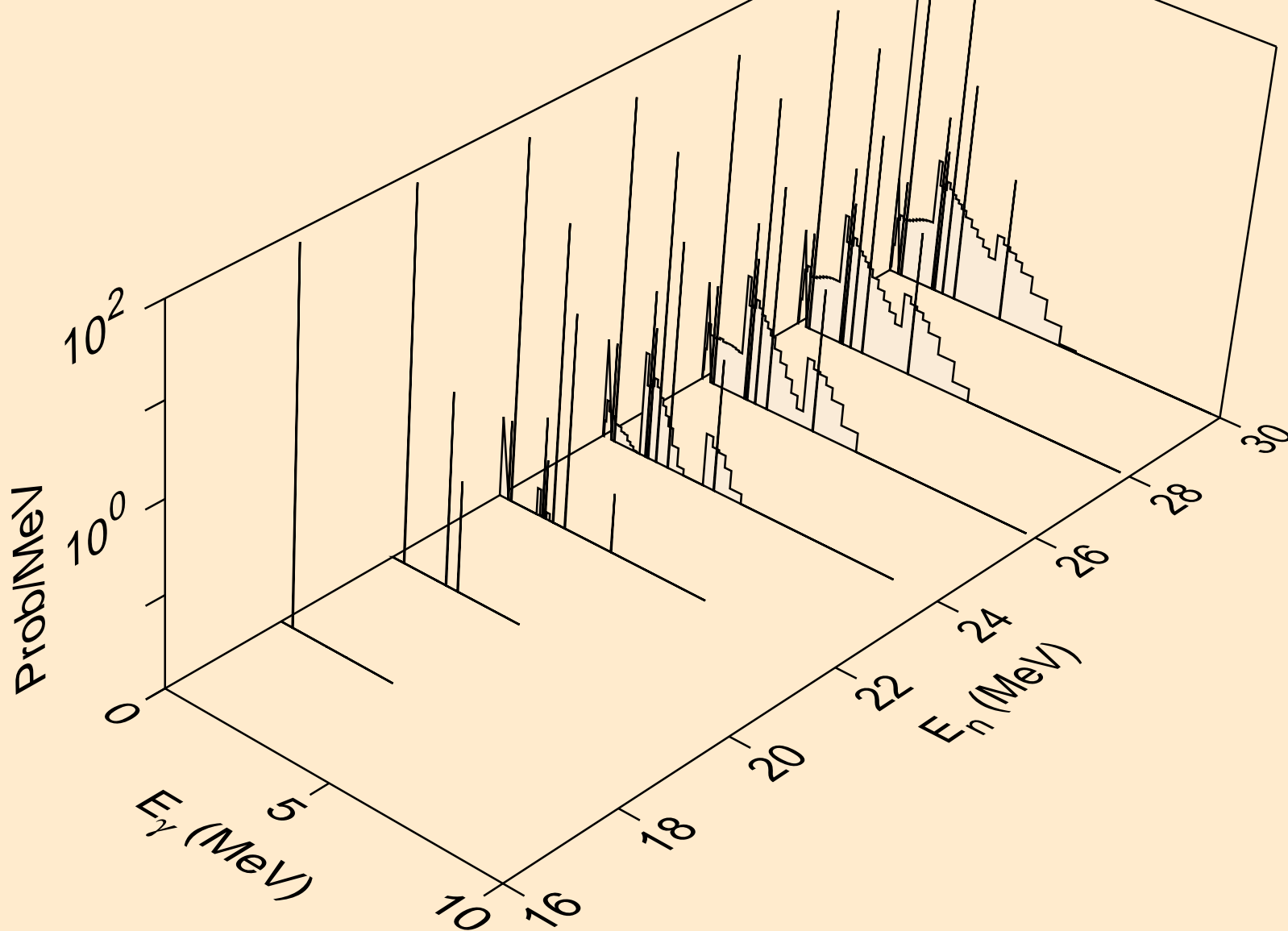
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



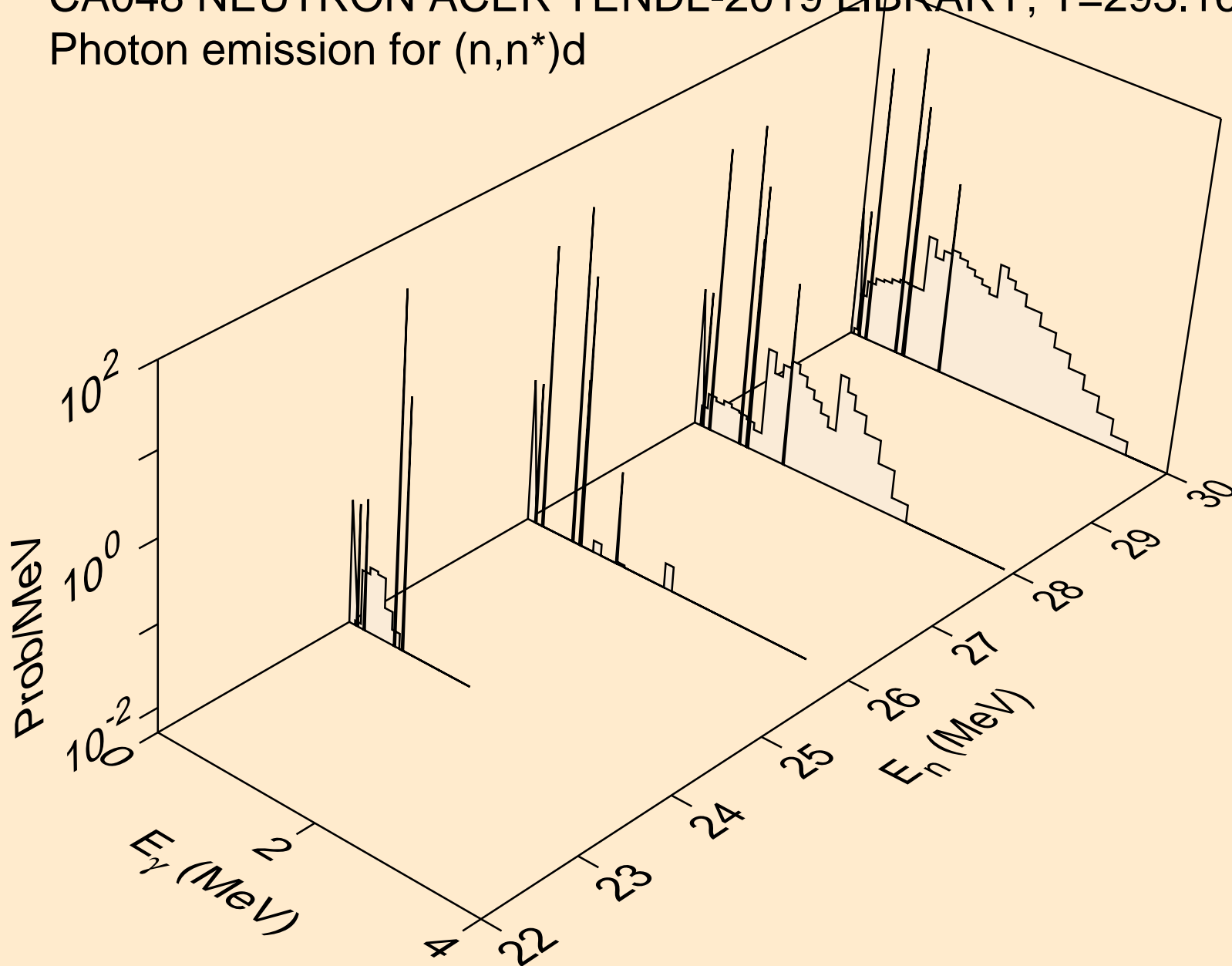
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



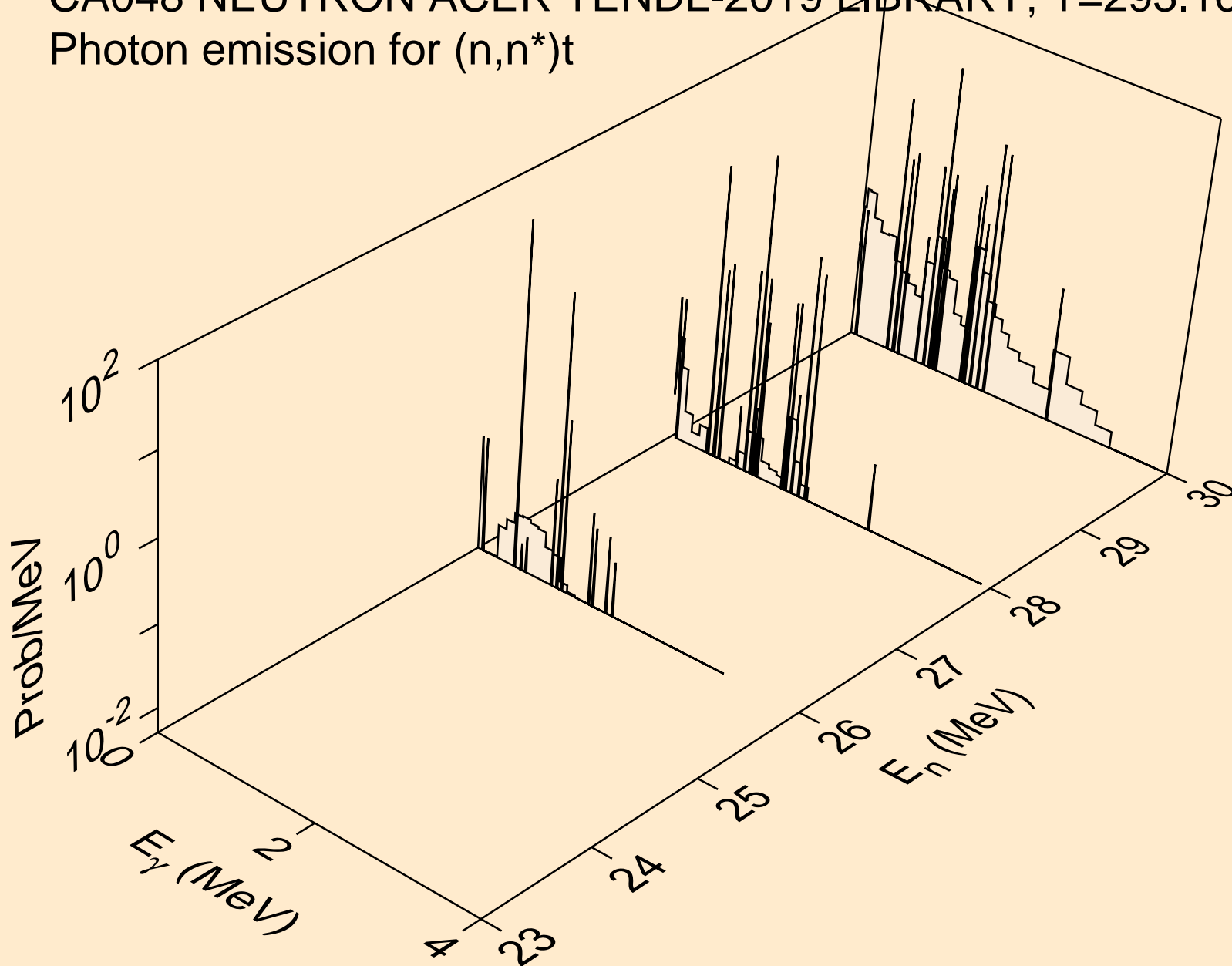
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



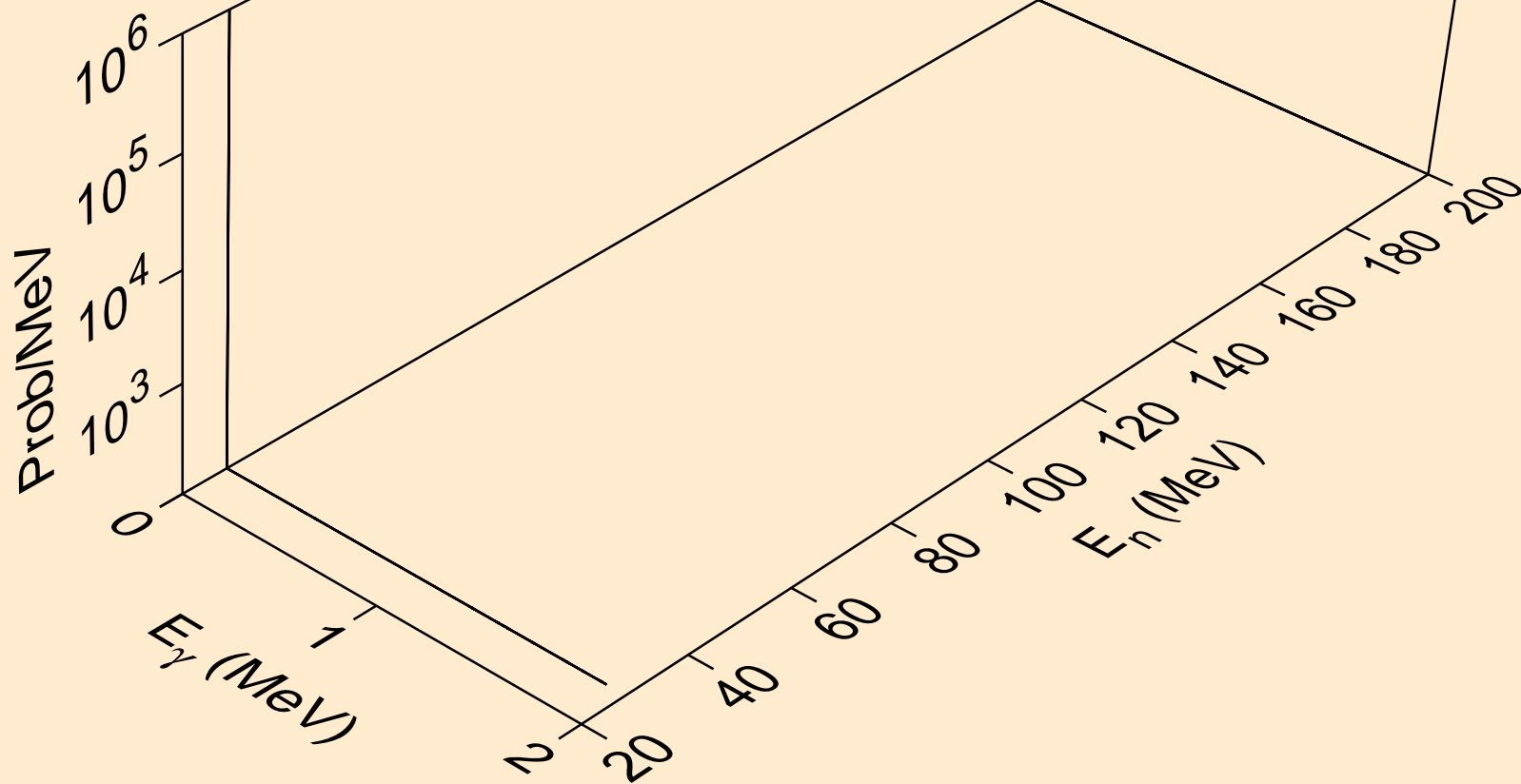
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



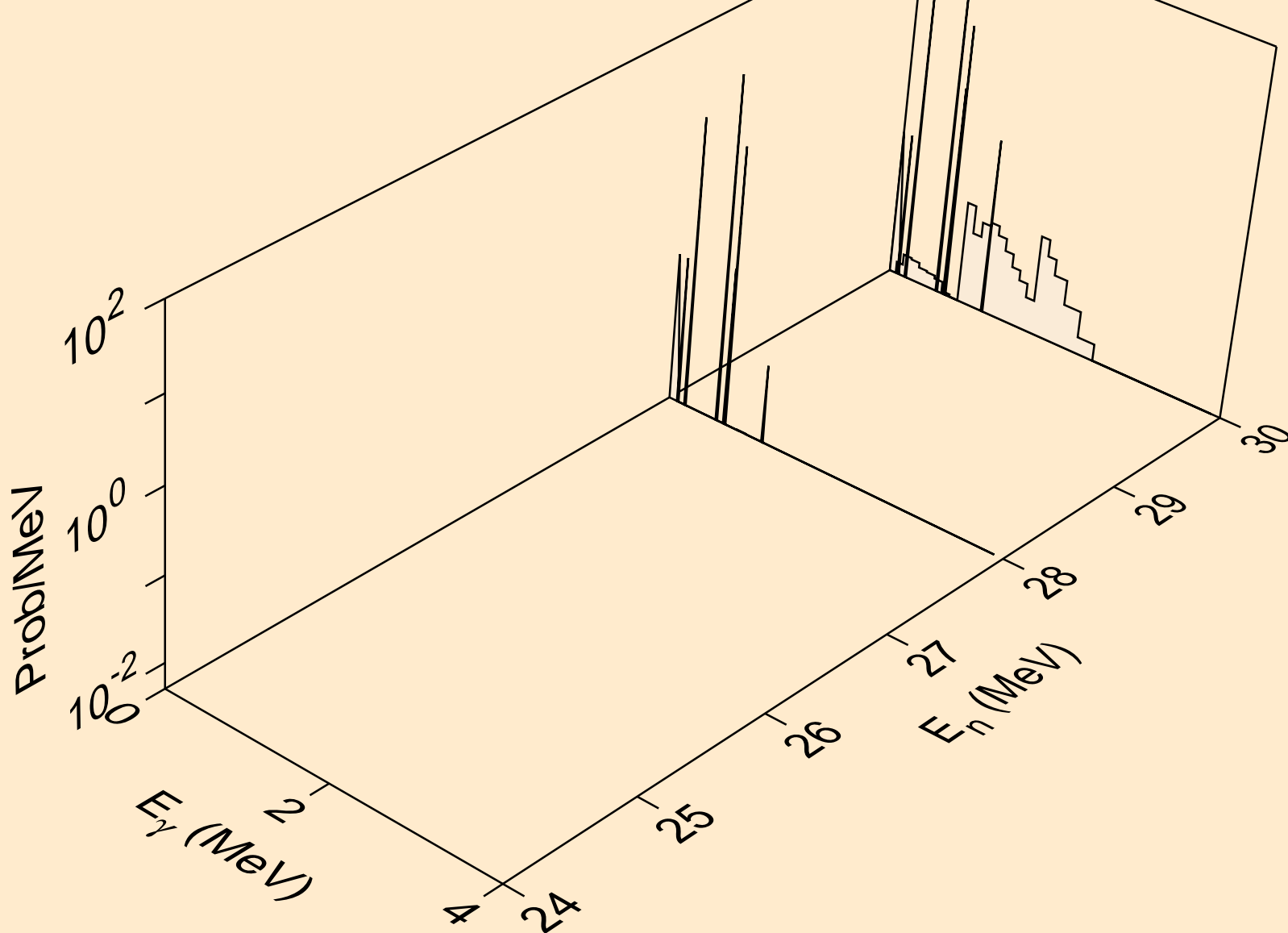
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



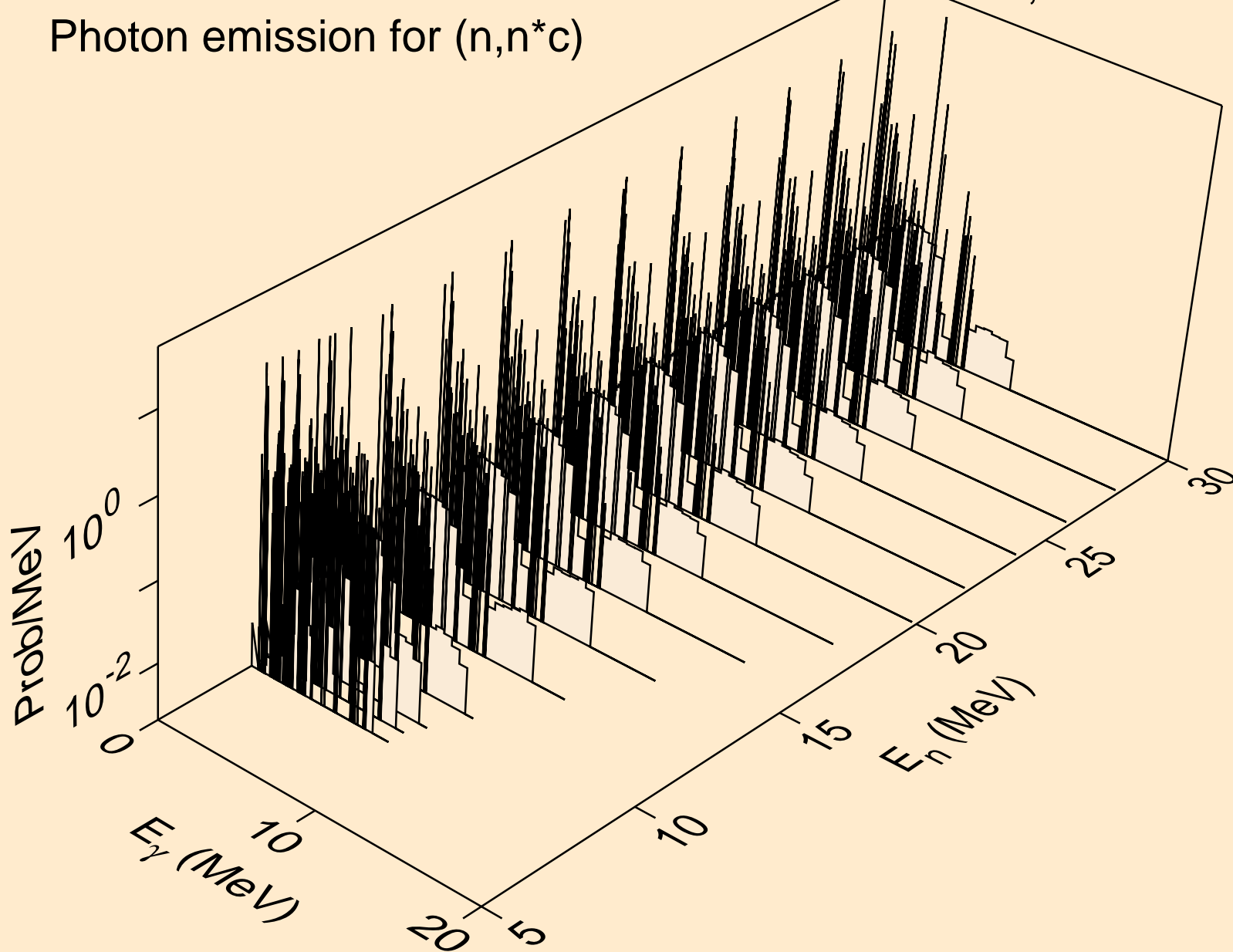
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



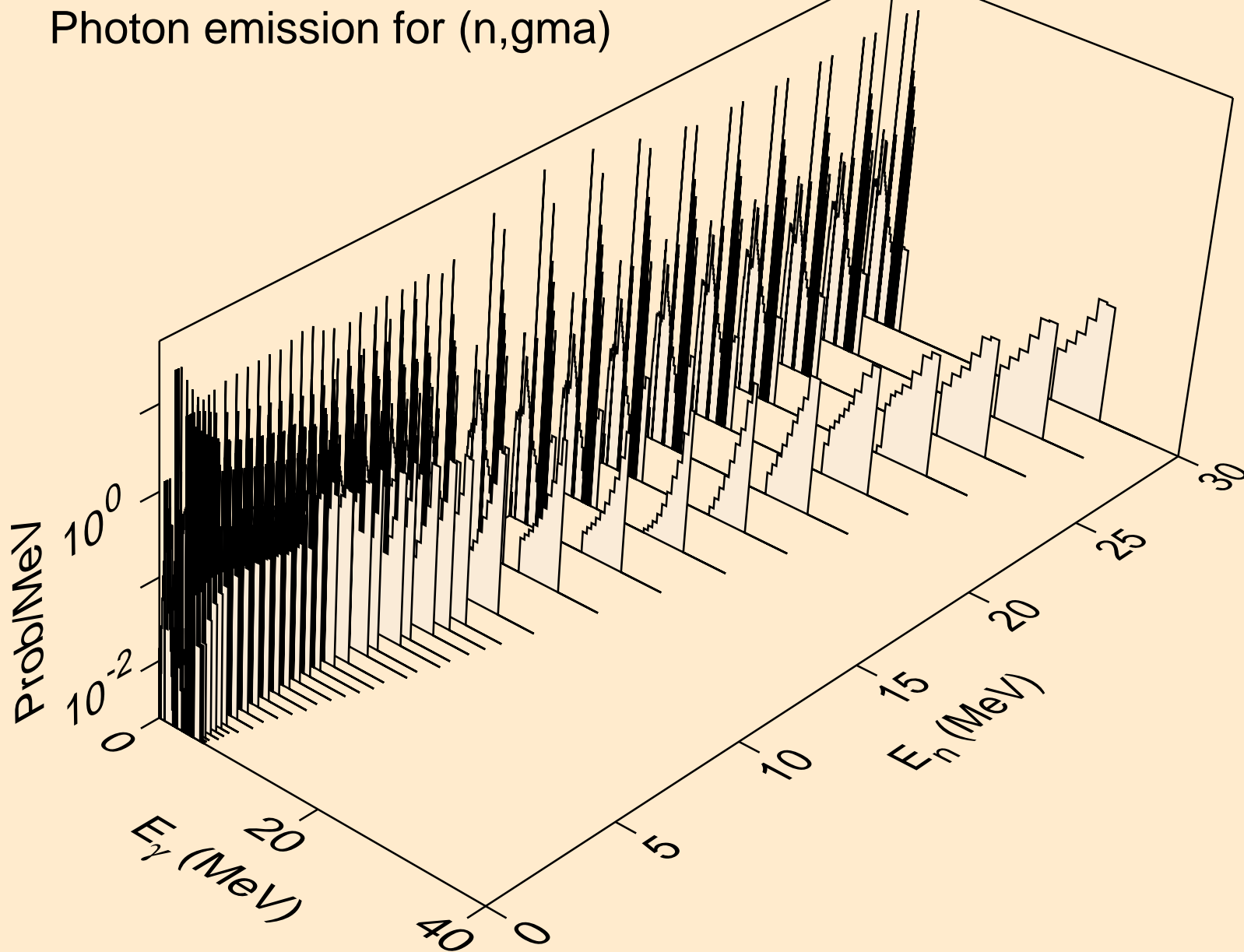
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



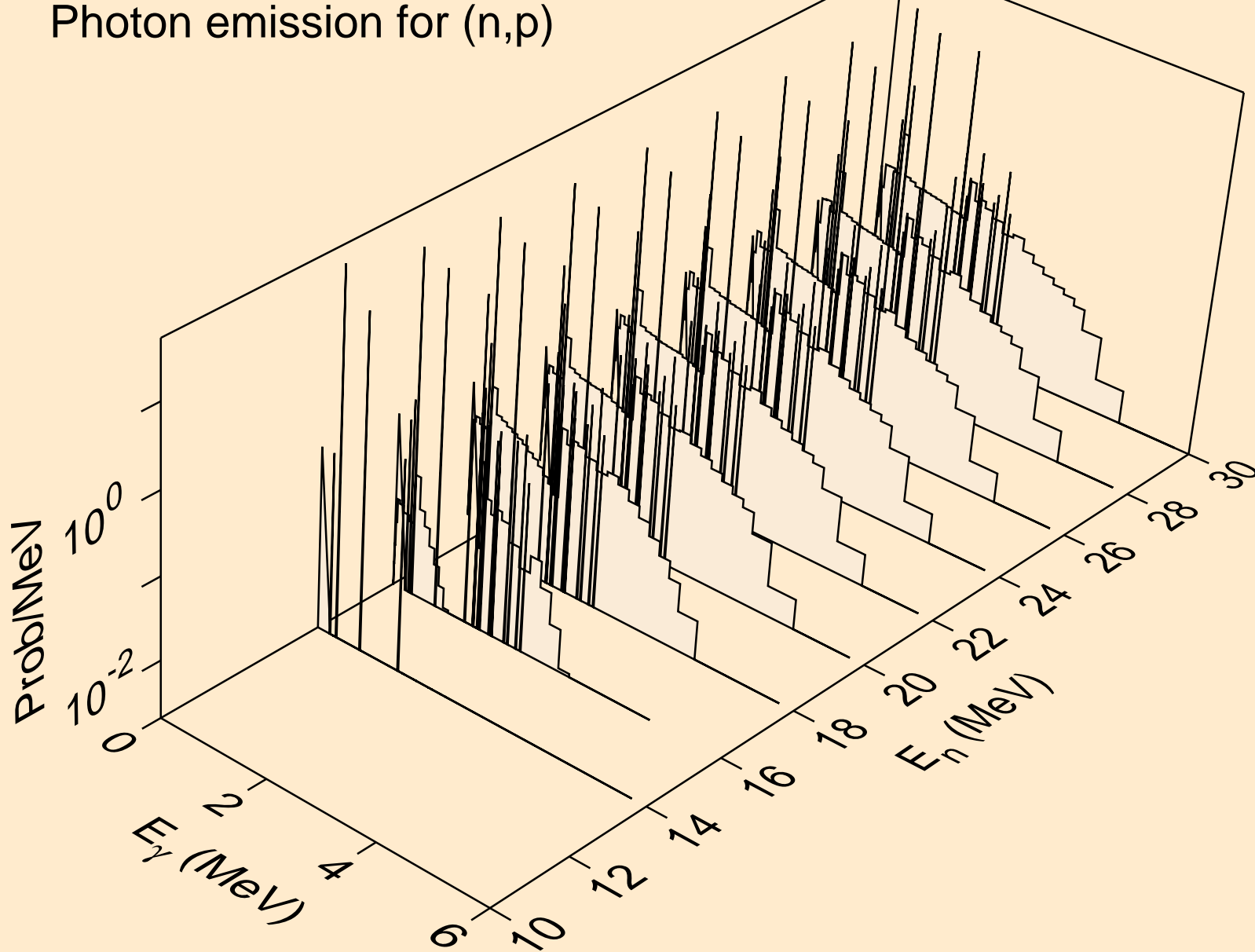
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



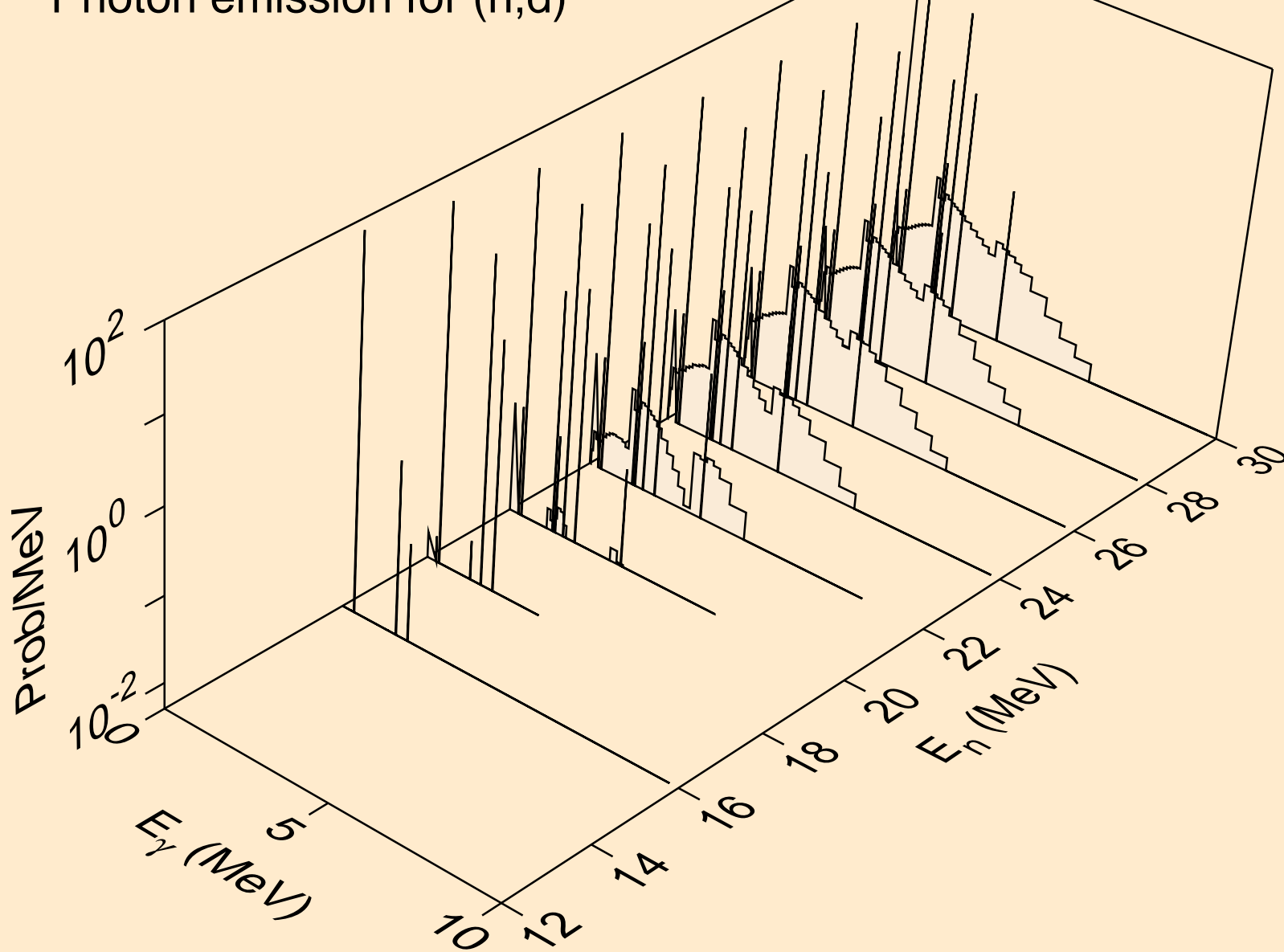
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



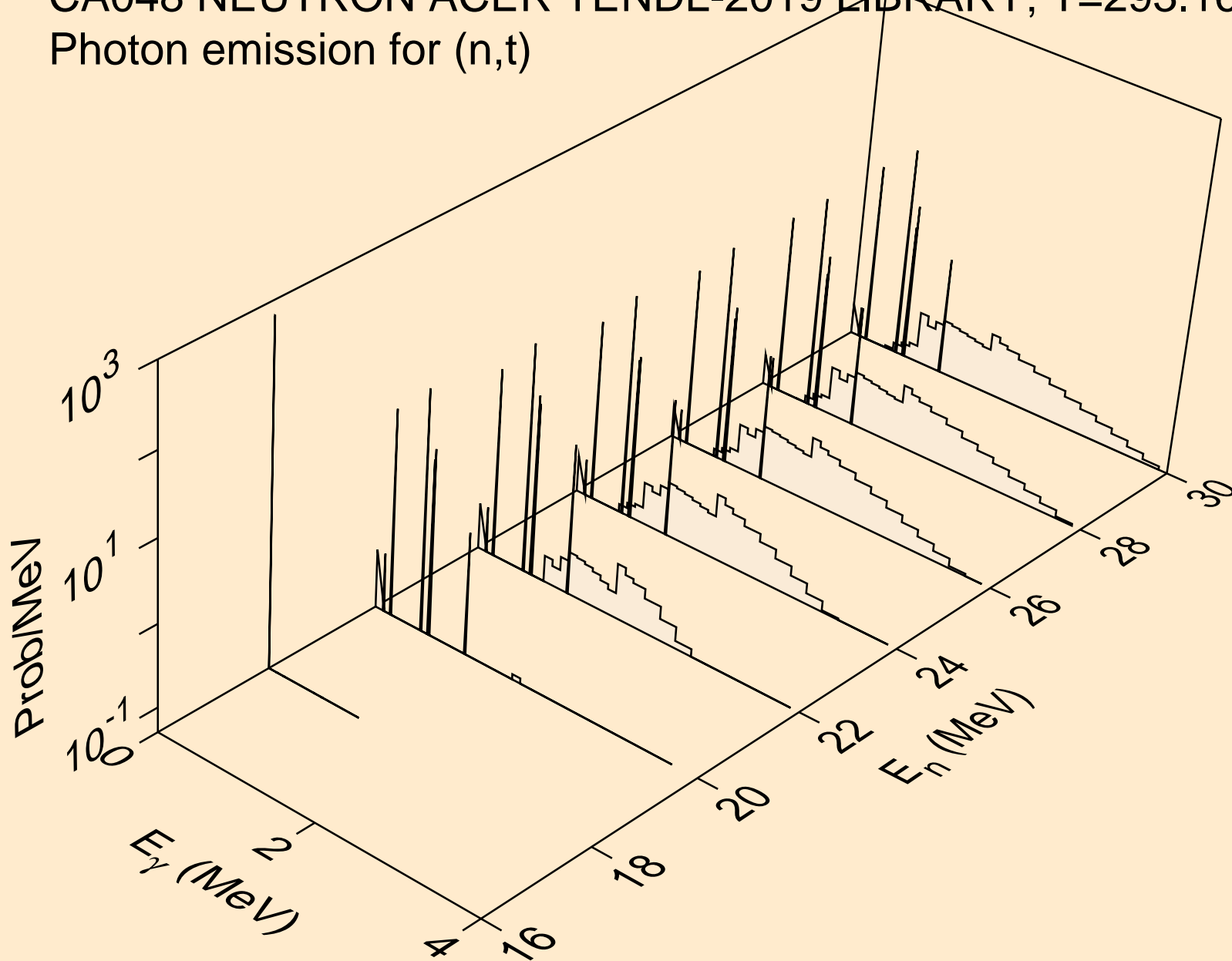
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



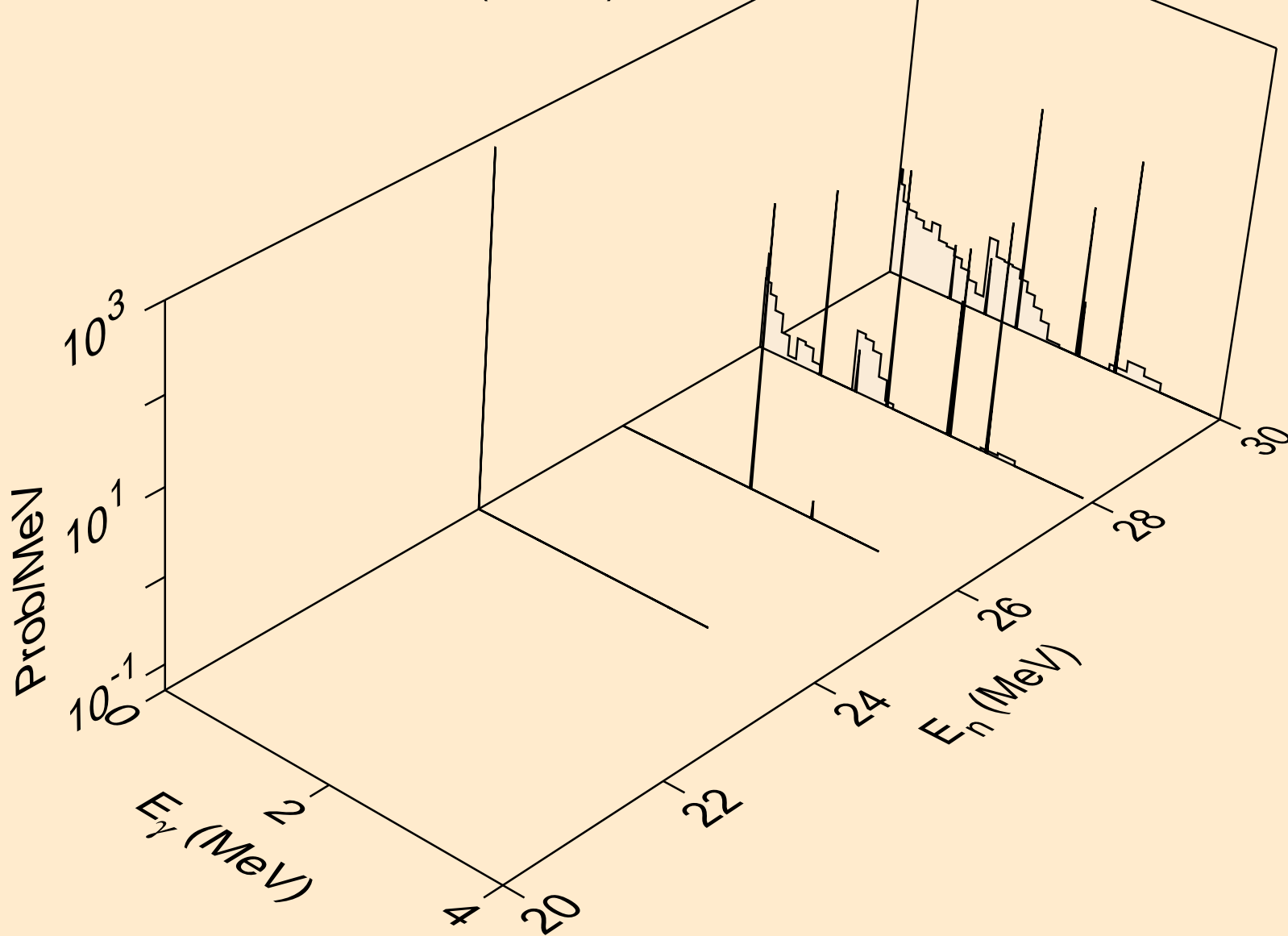
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



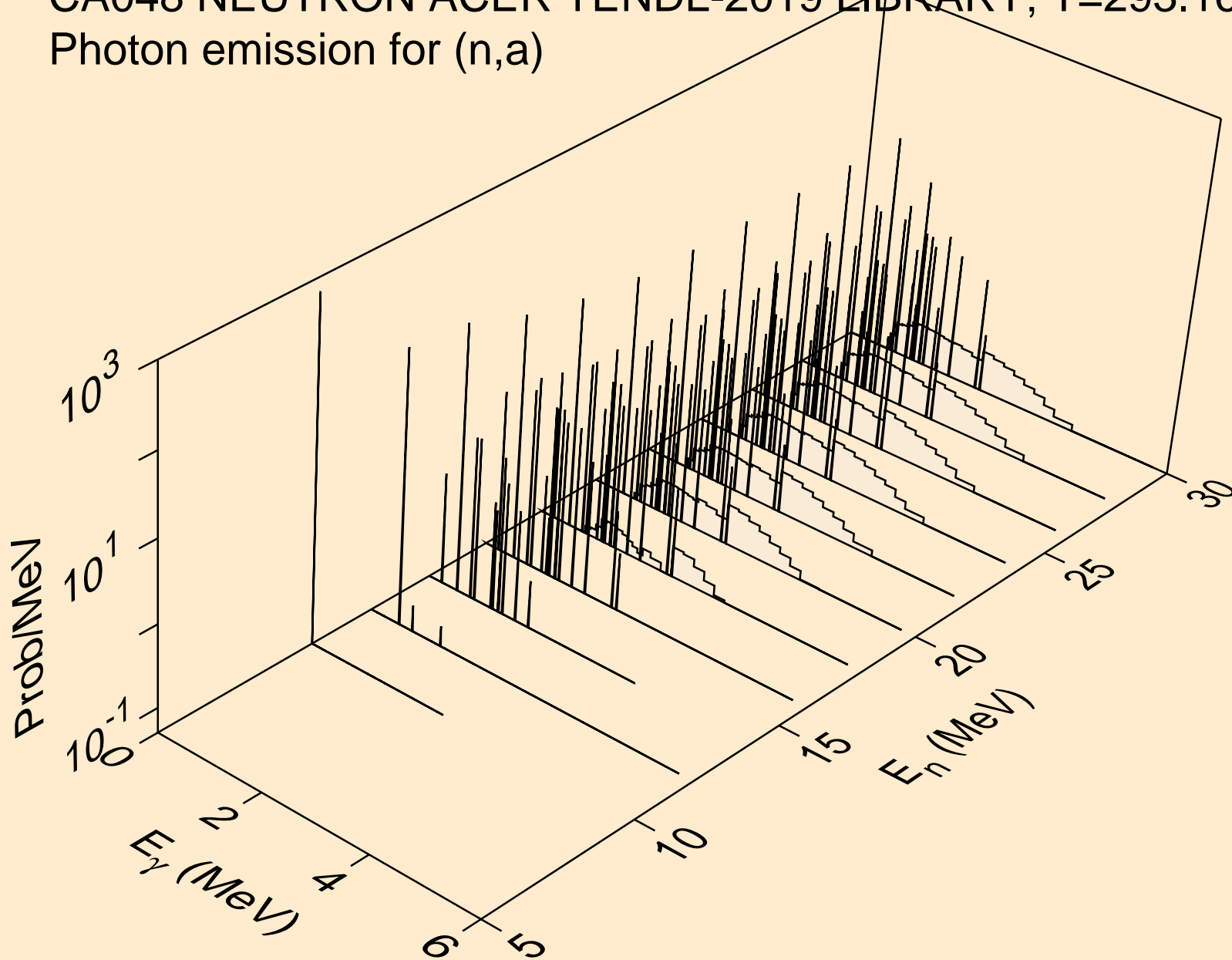
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



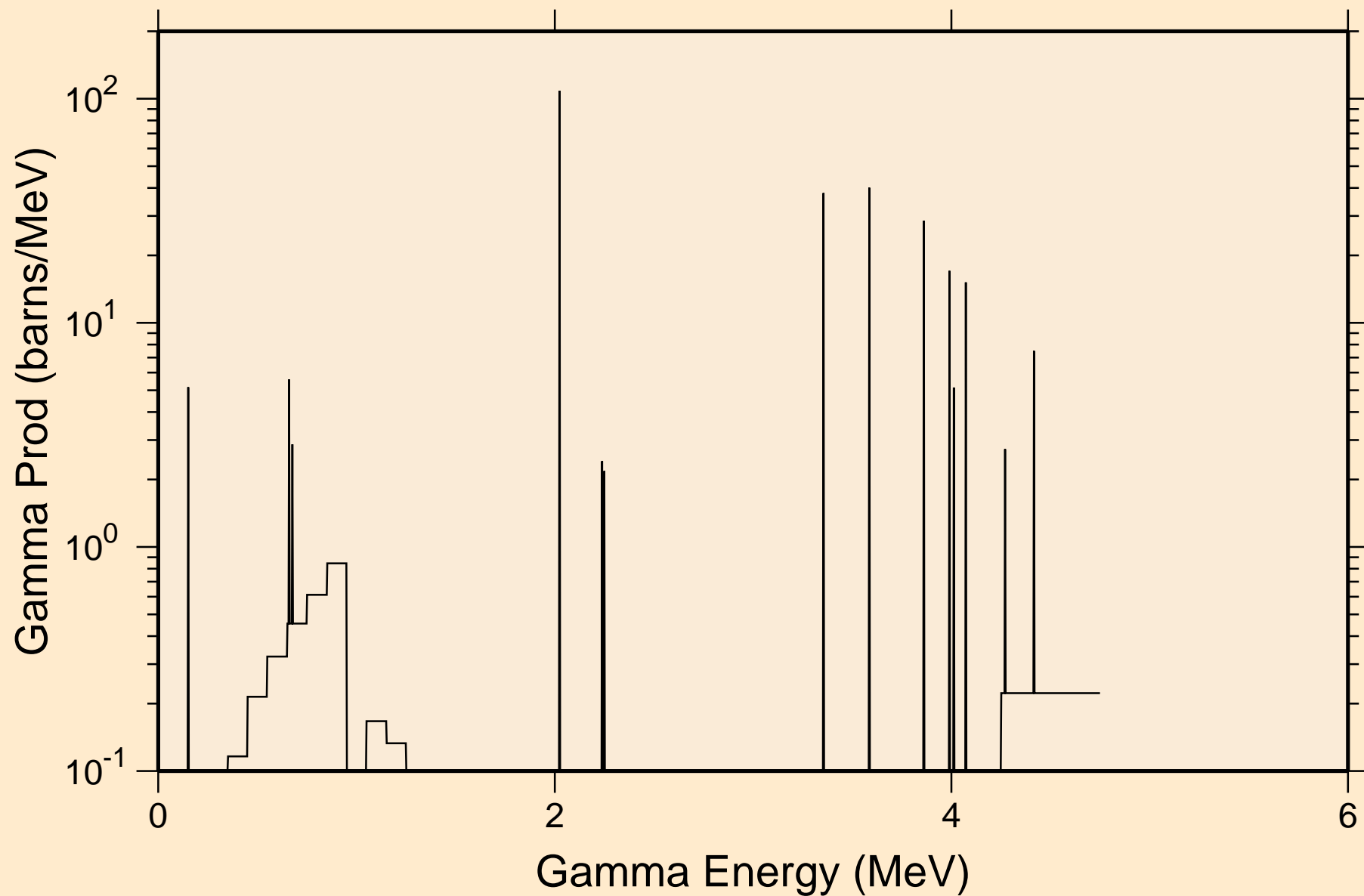
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



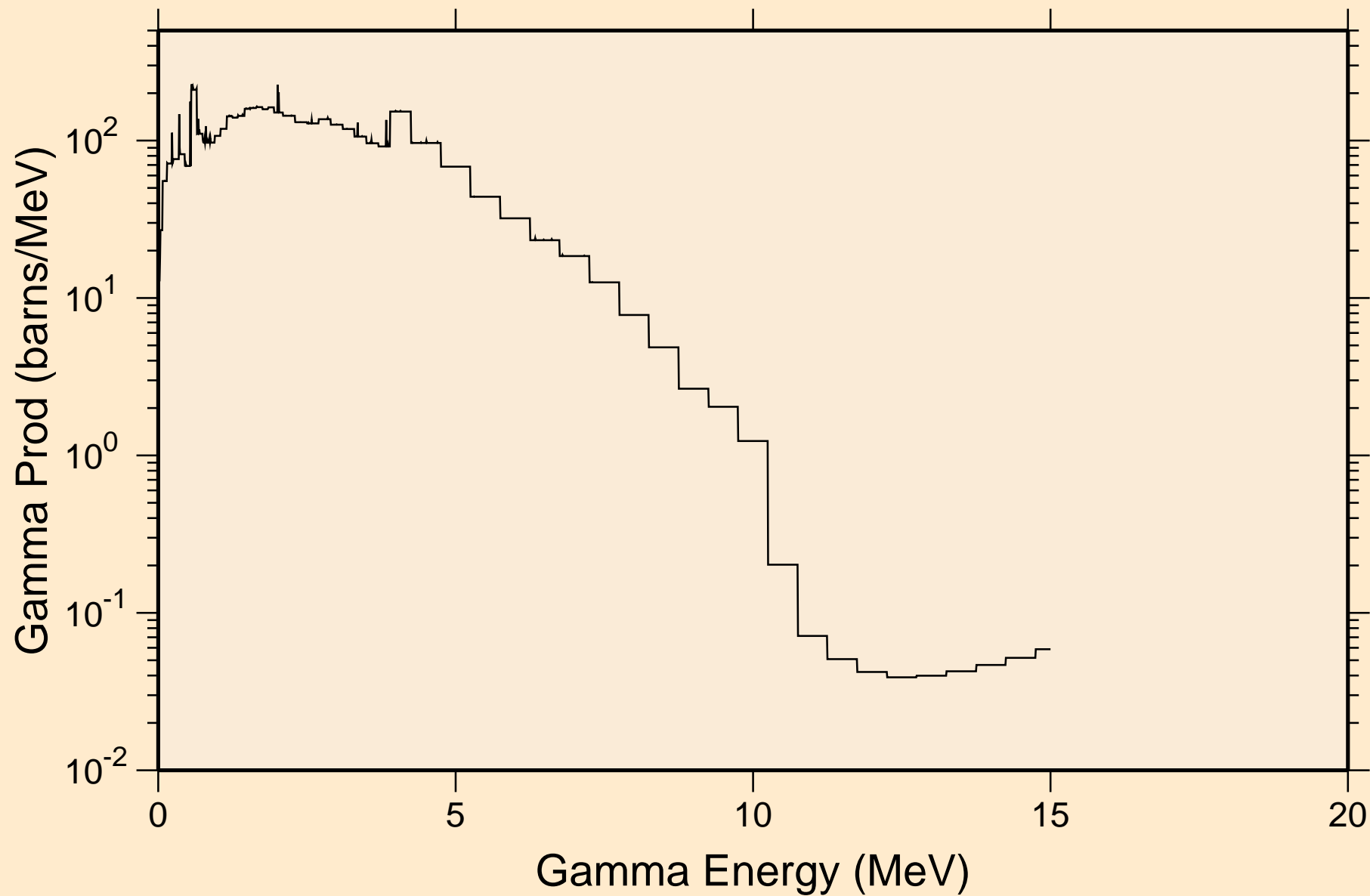
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



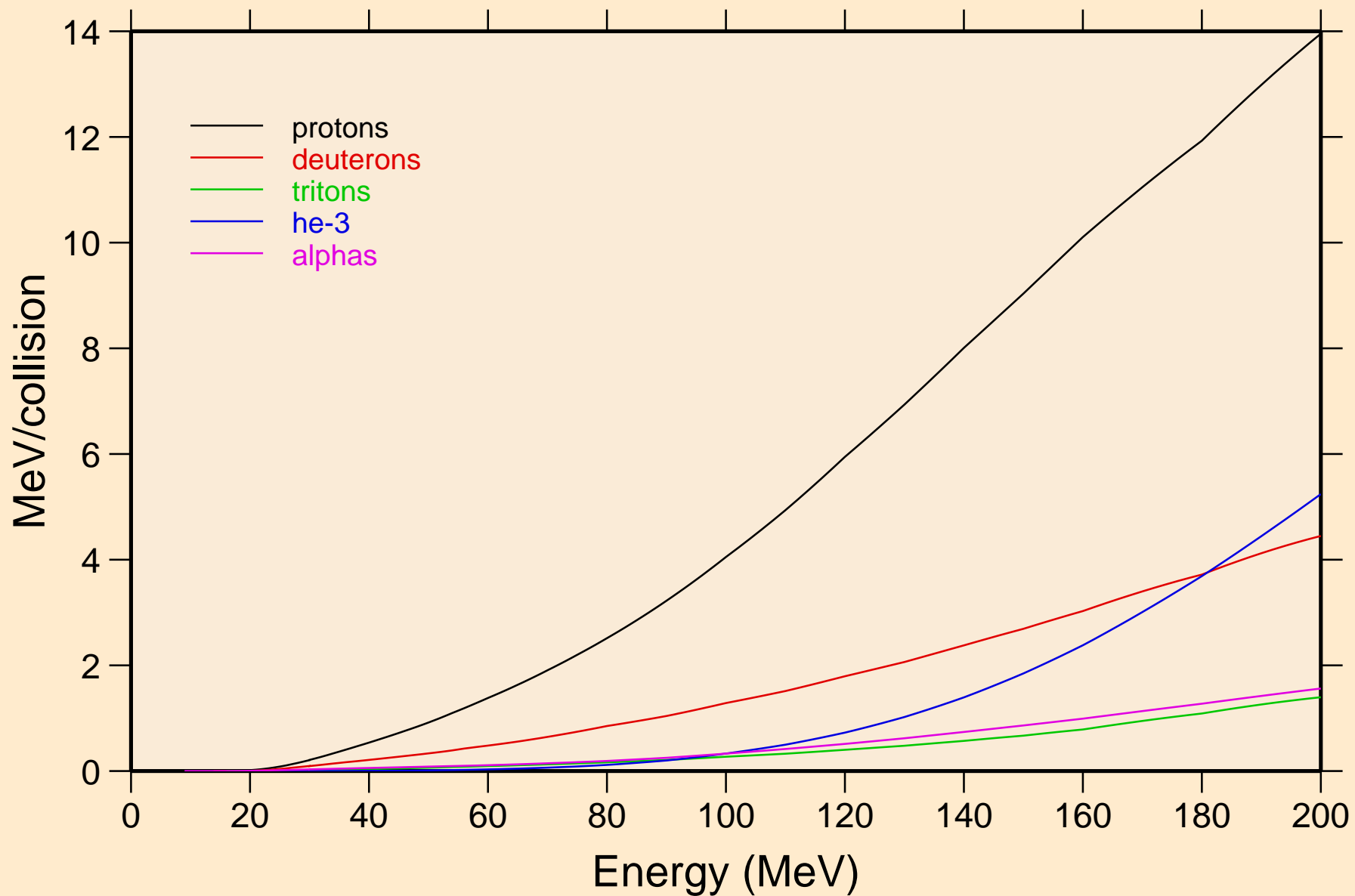
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



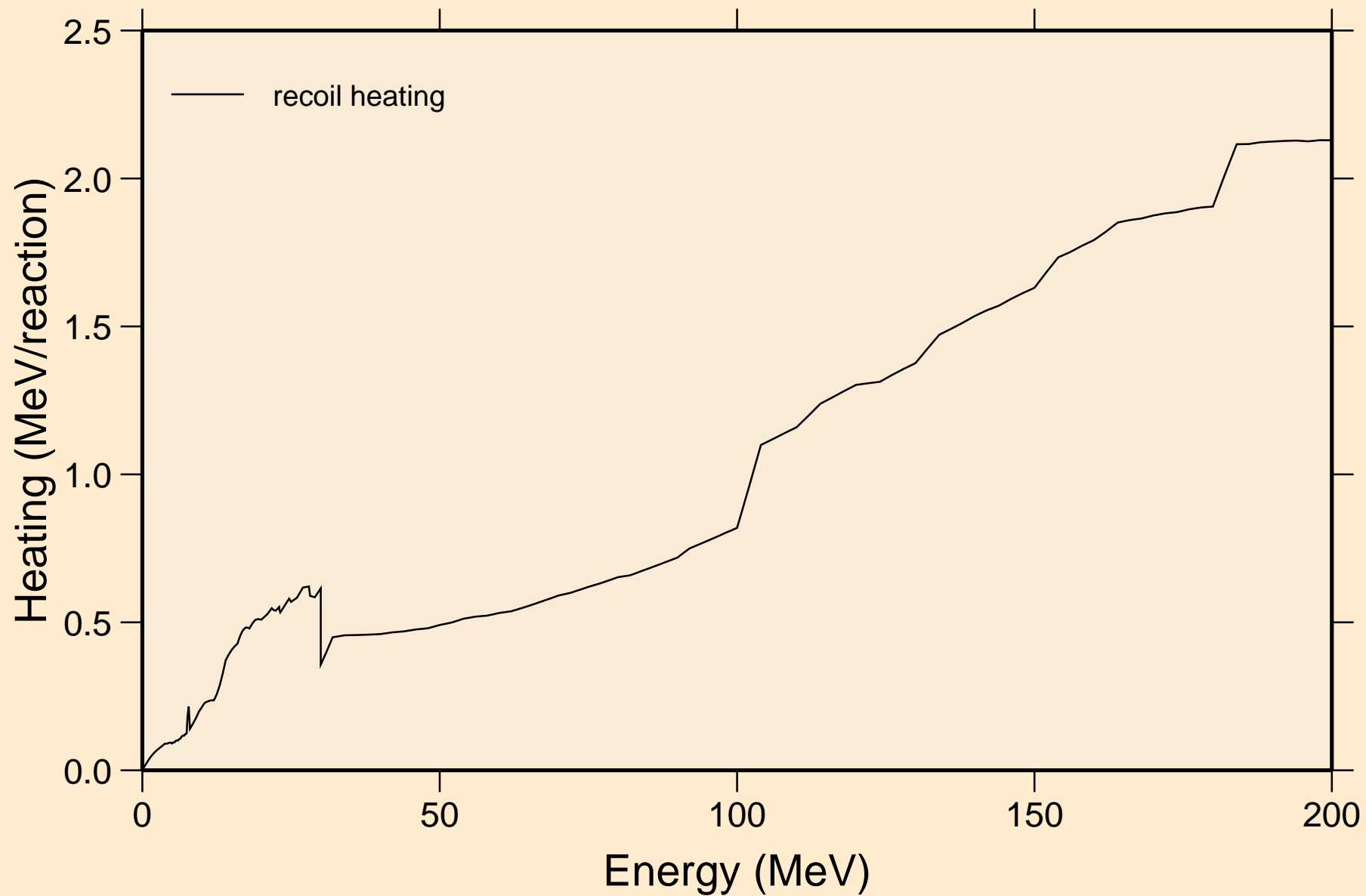
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions

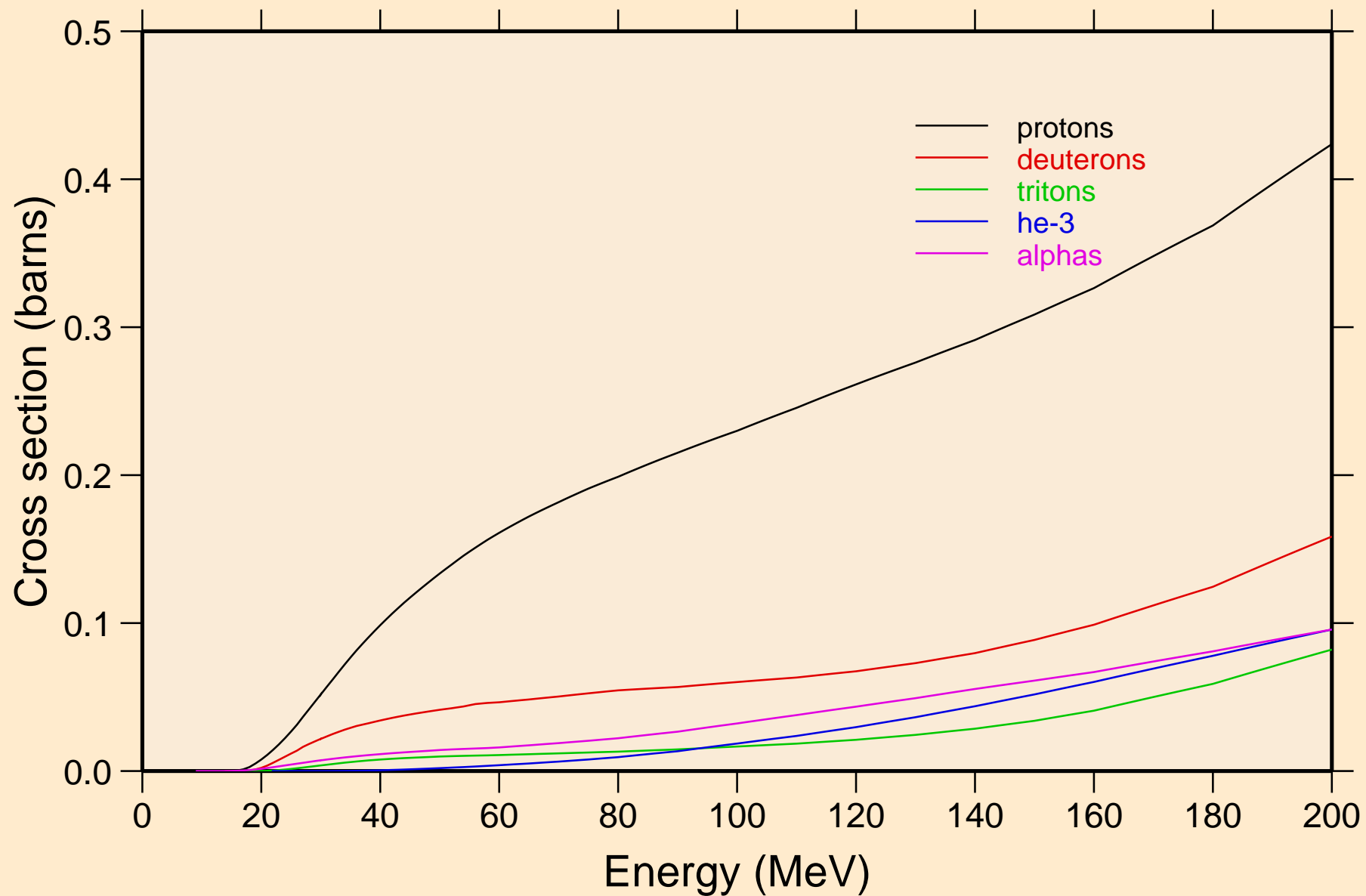


CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

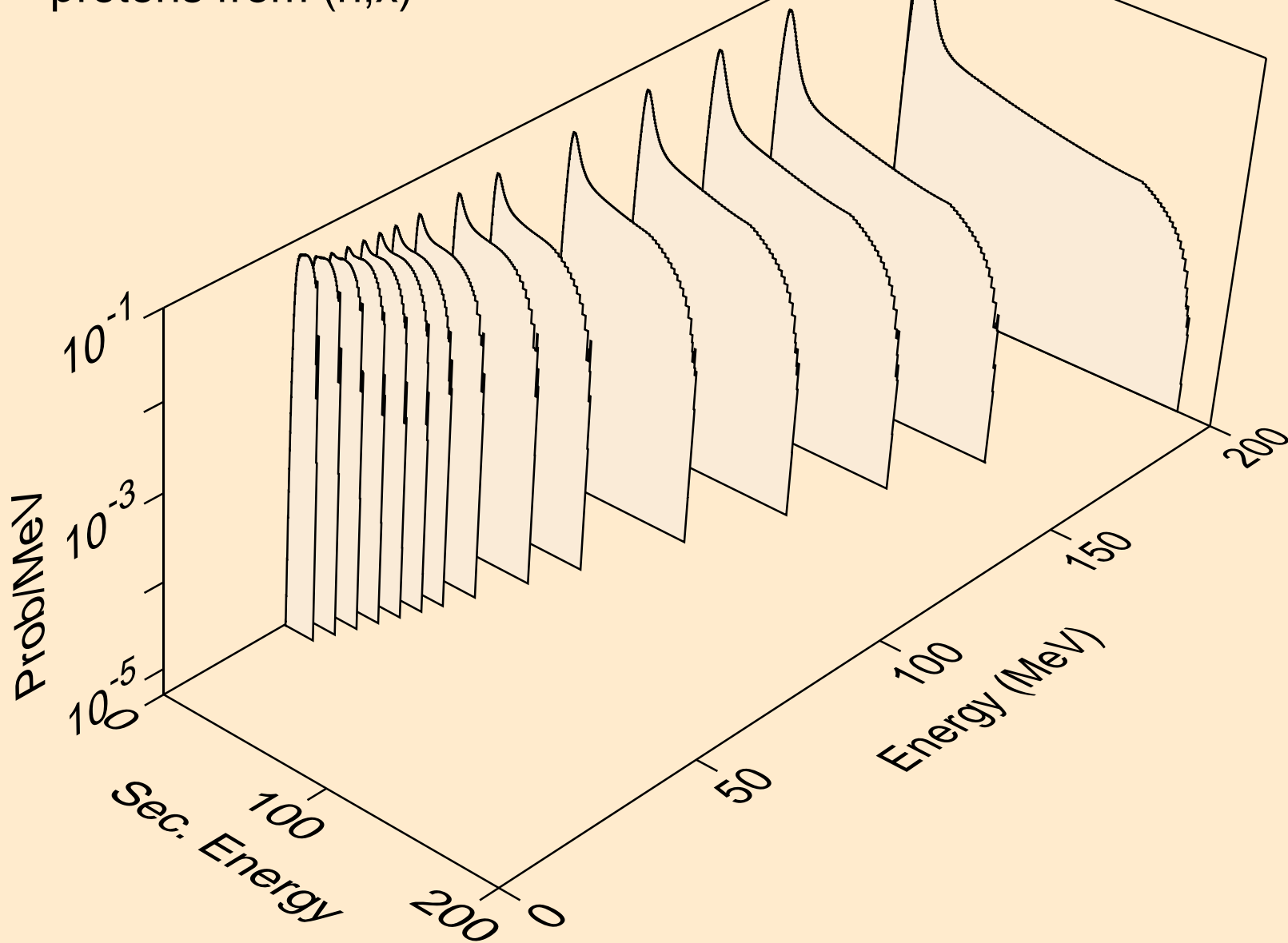


# CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

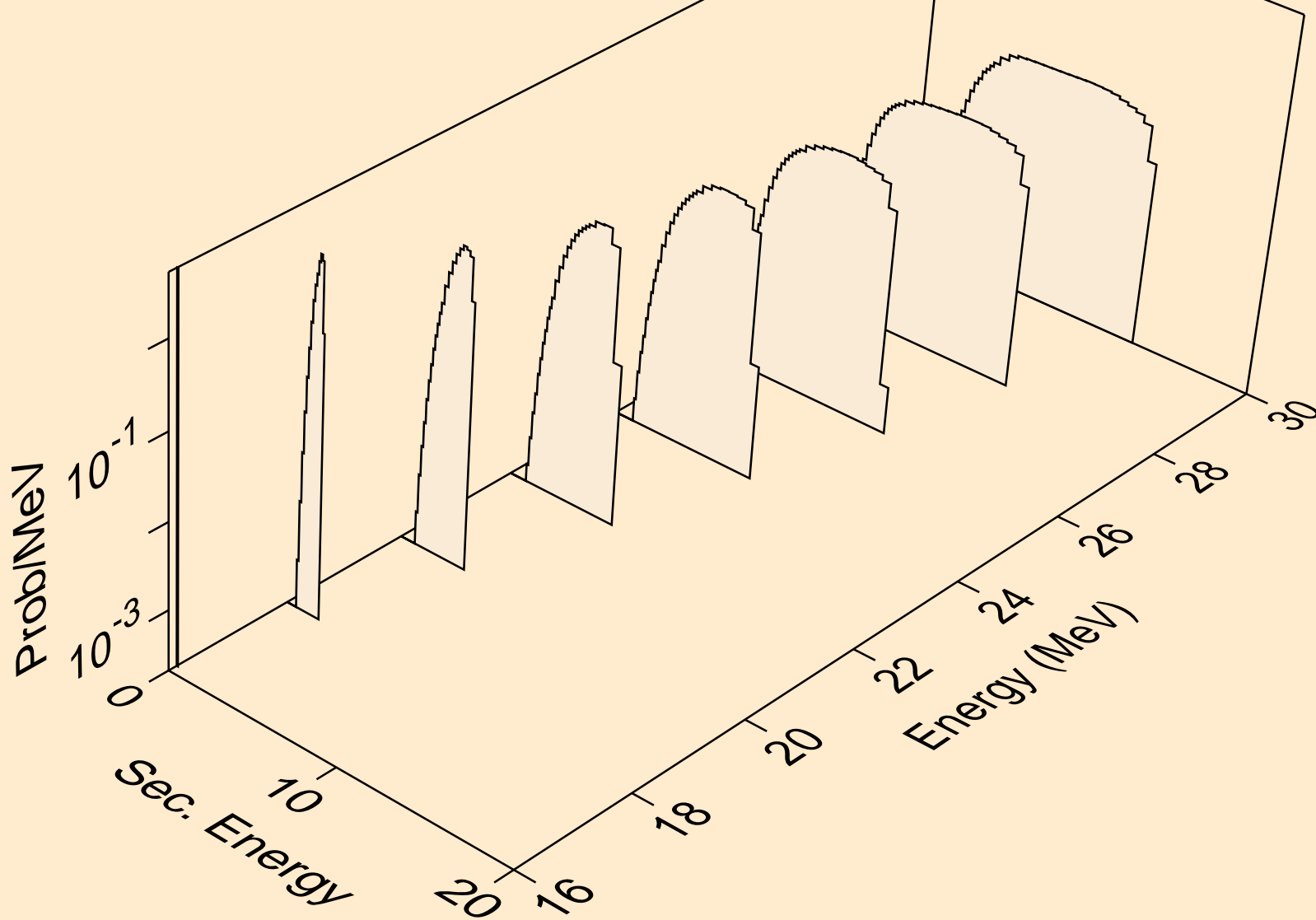
## Particle production cross sections



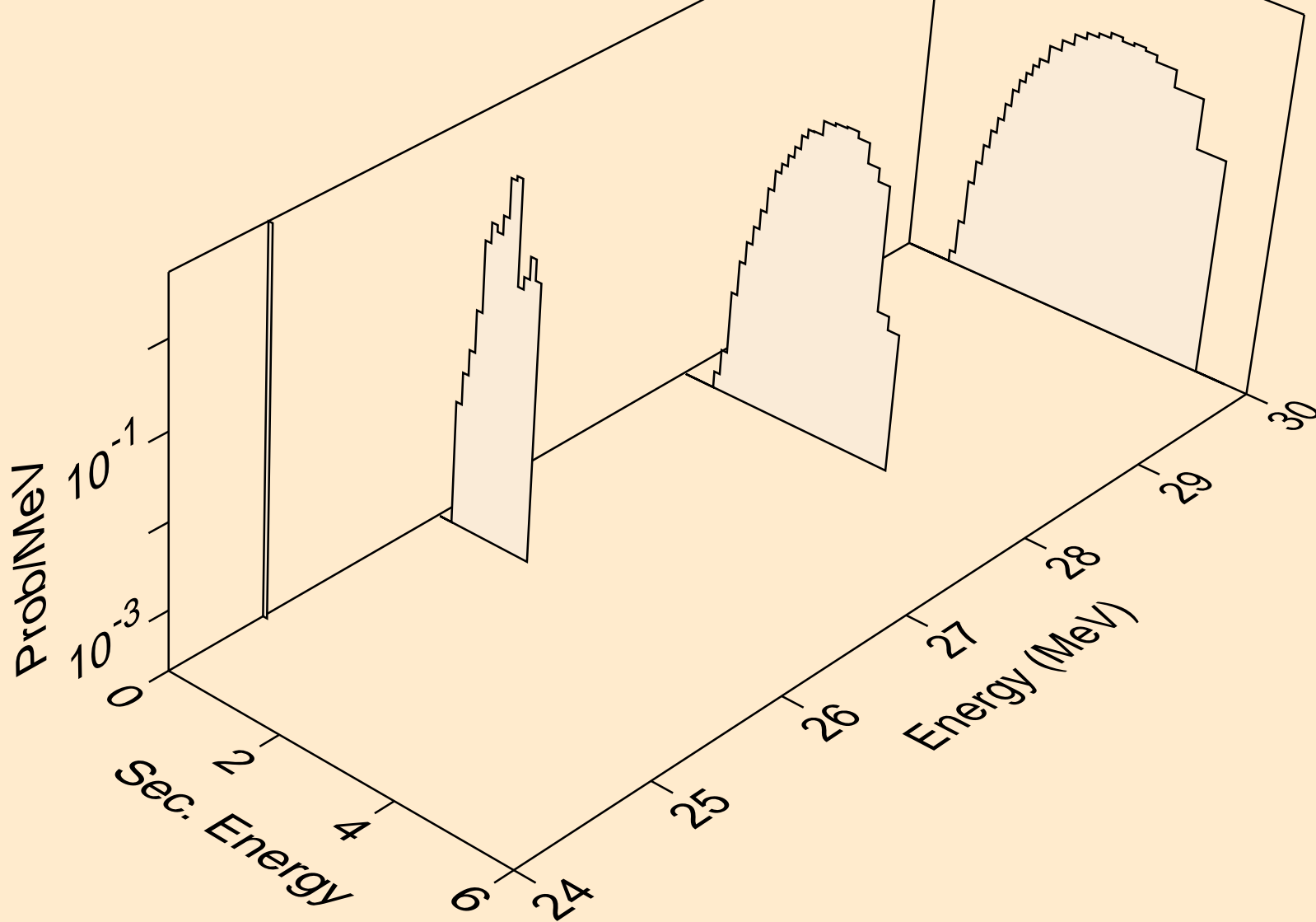
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



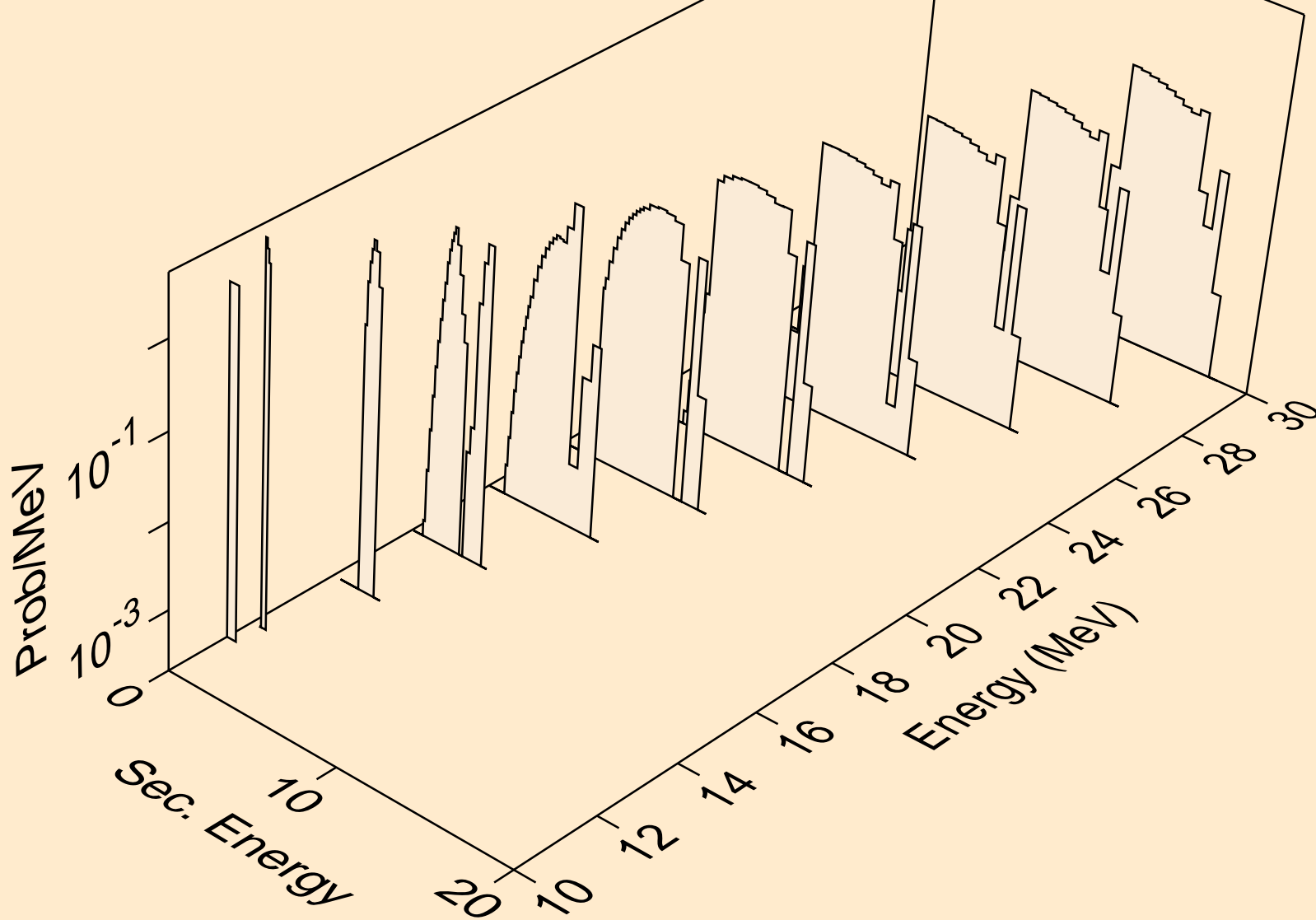
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



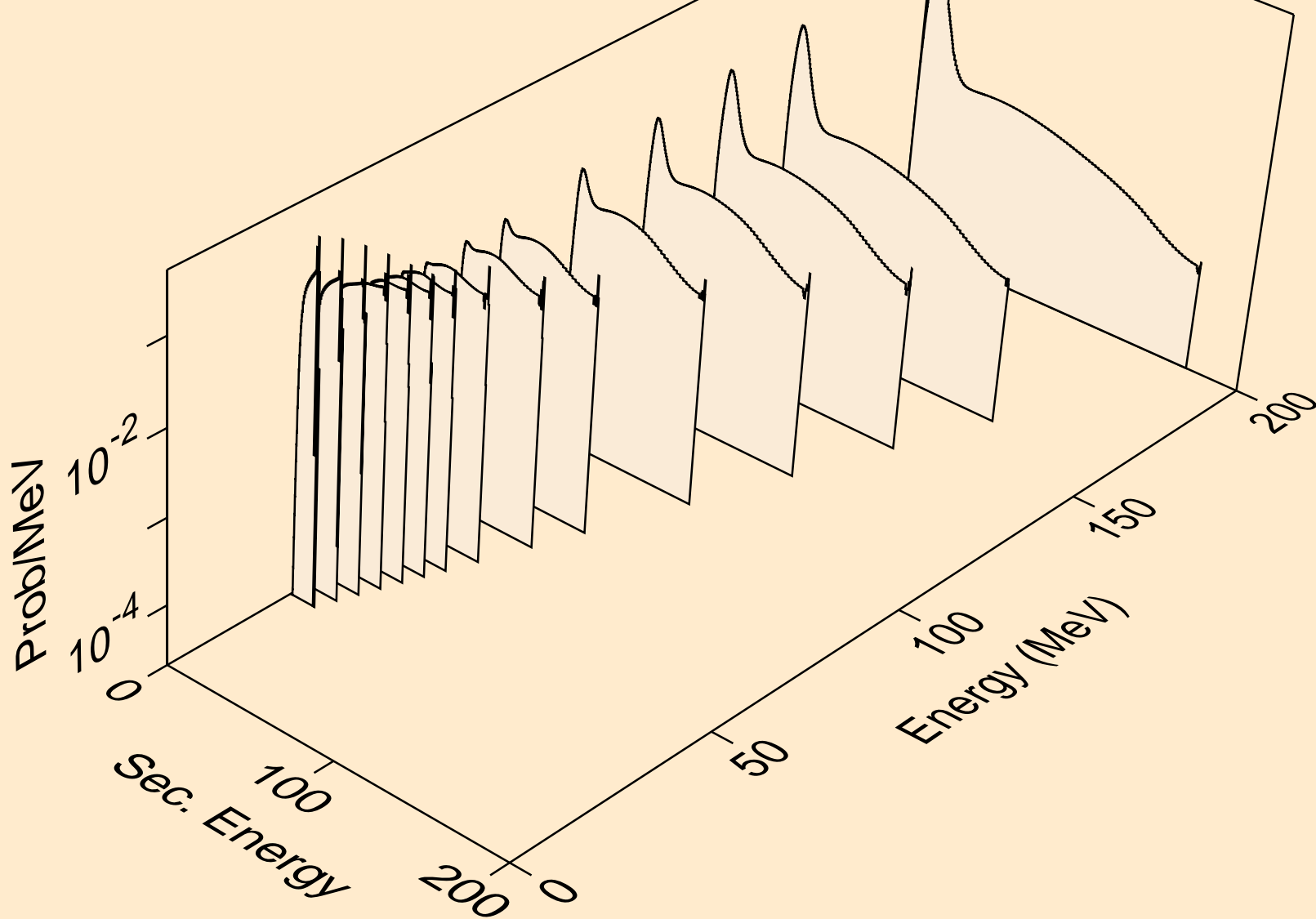
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



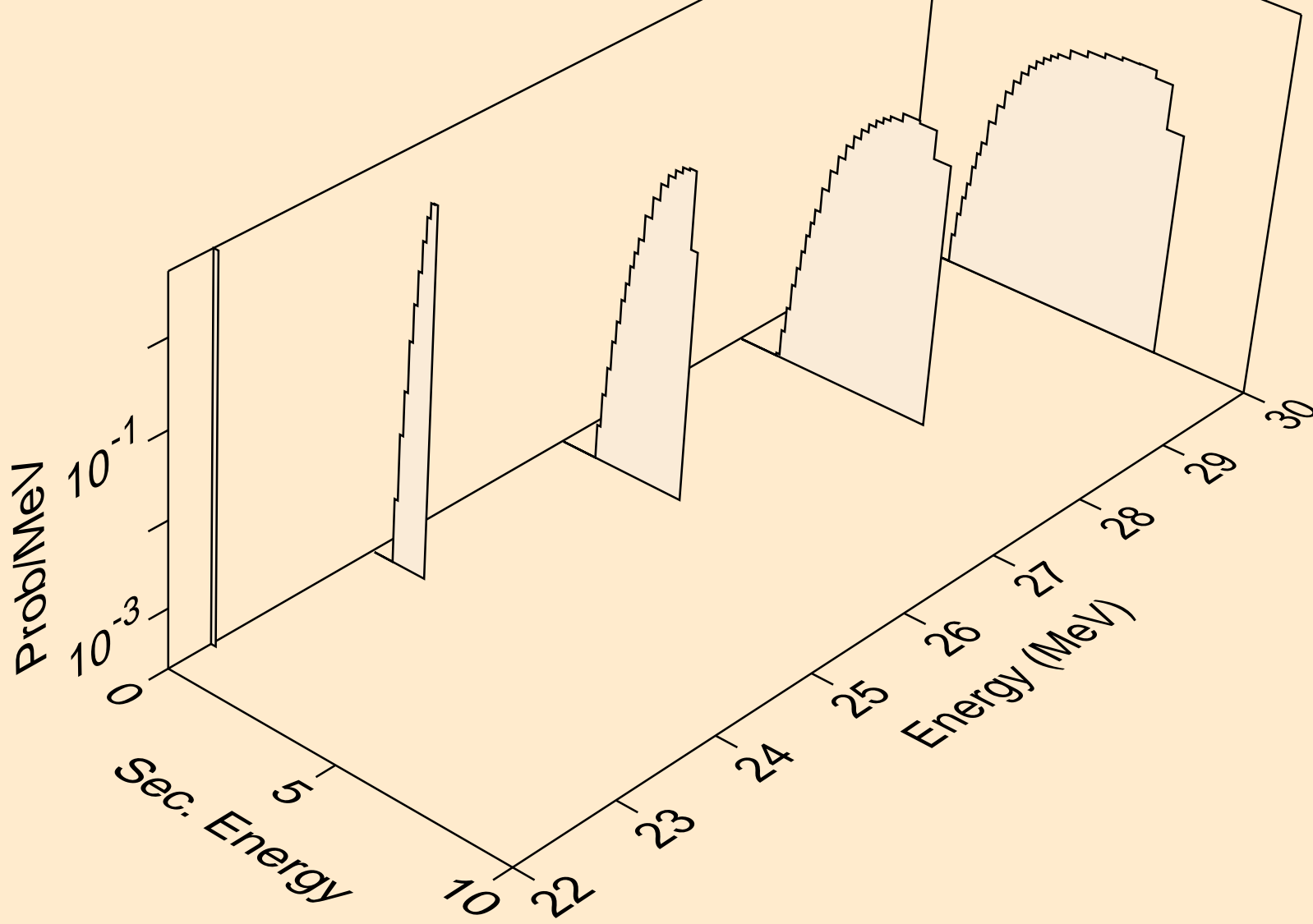
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



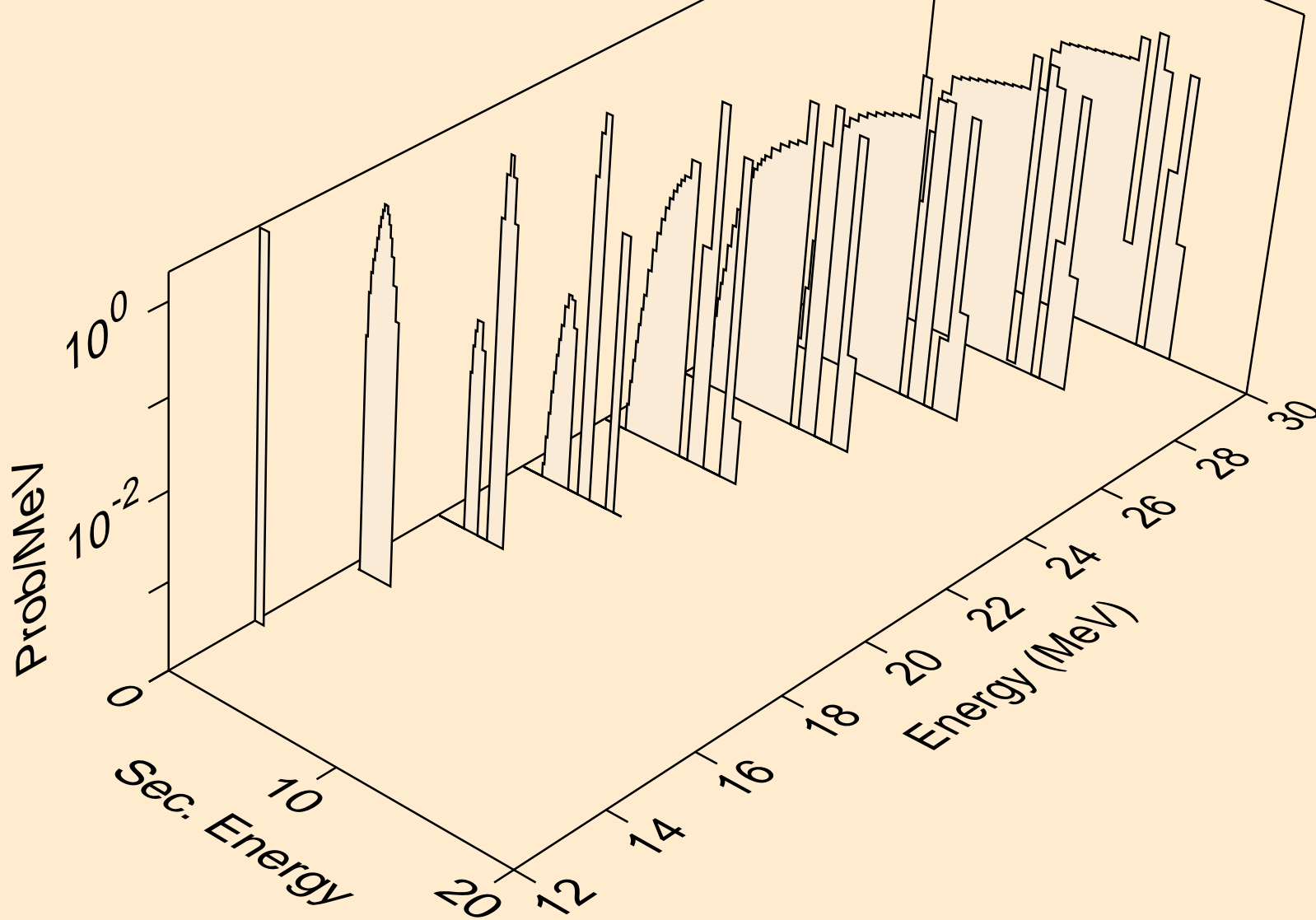
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



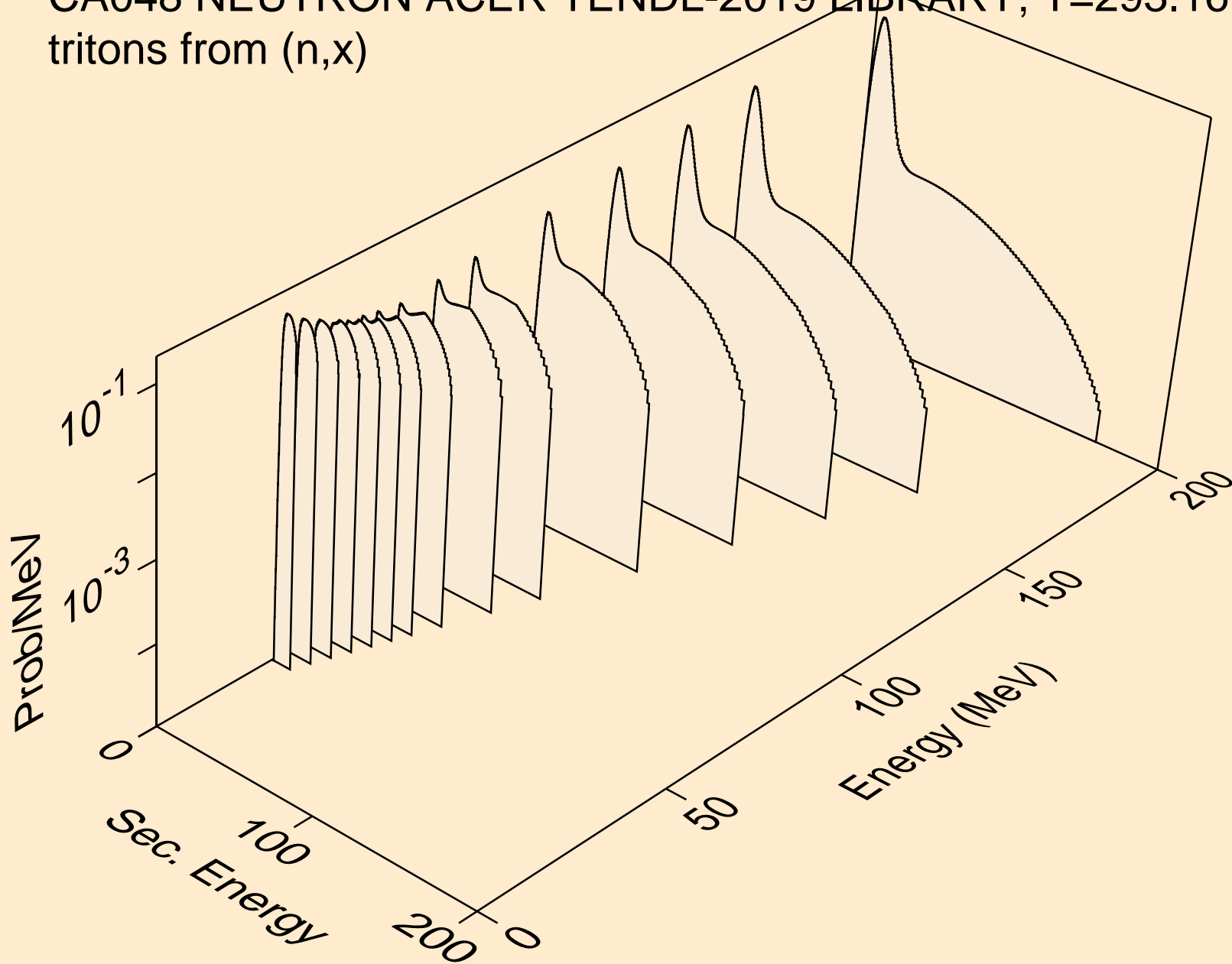
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



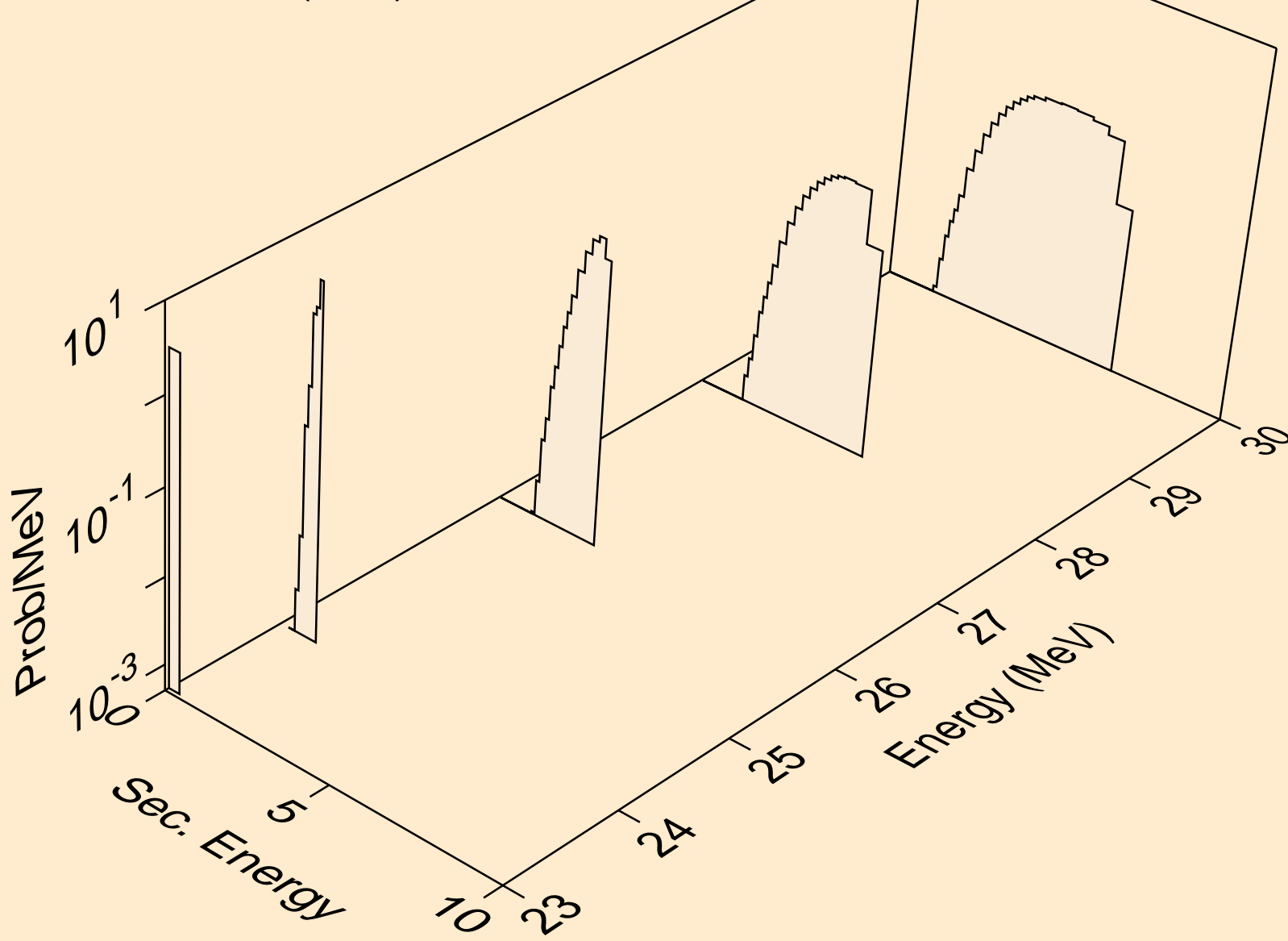
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



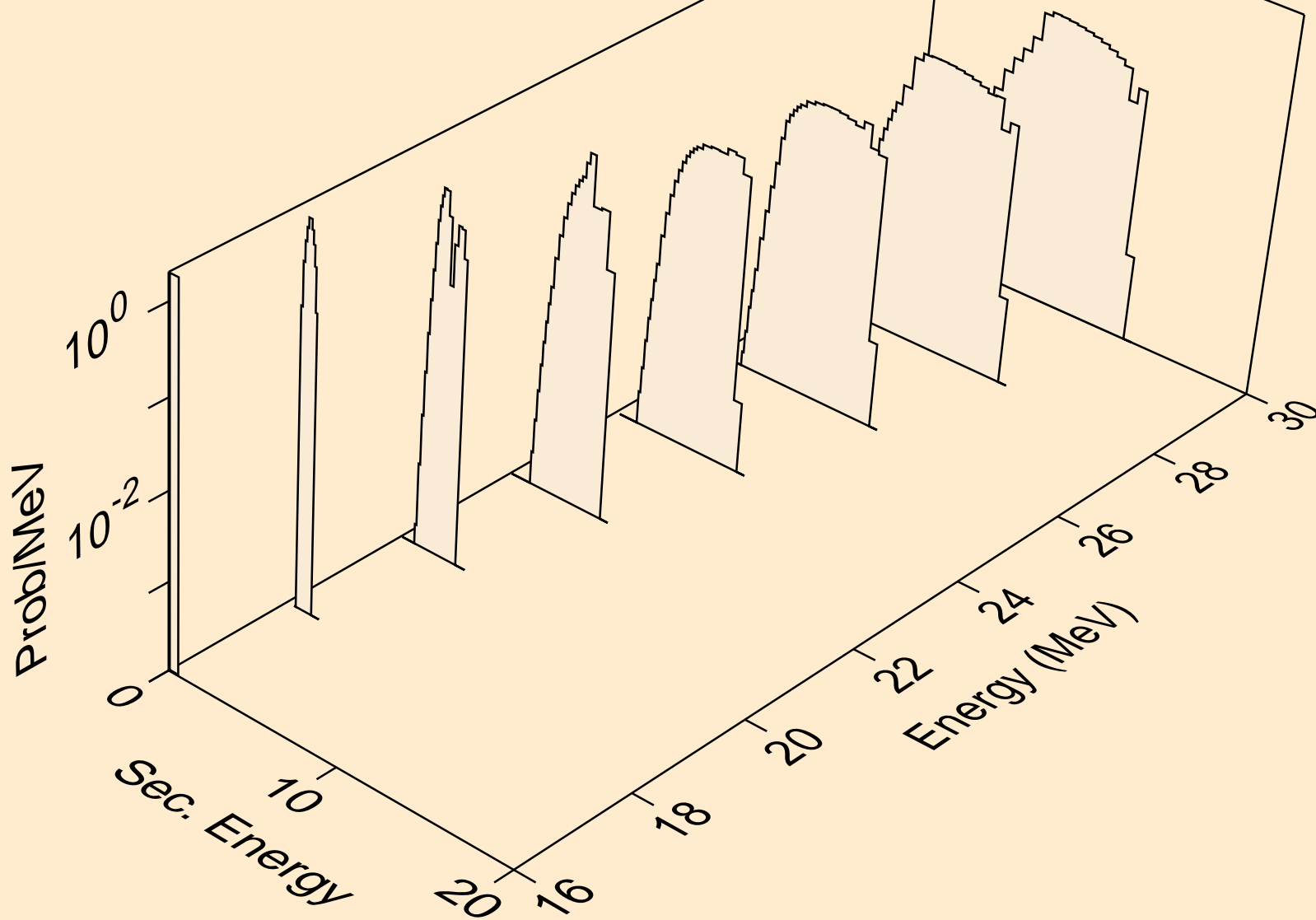
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



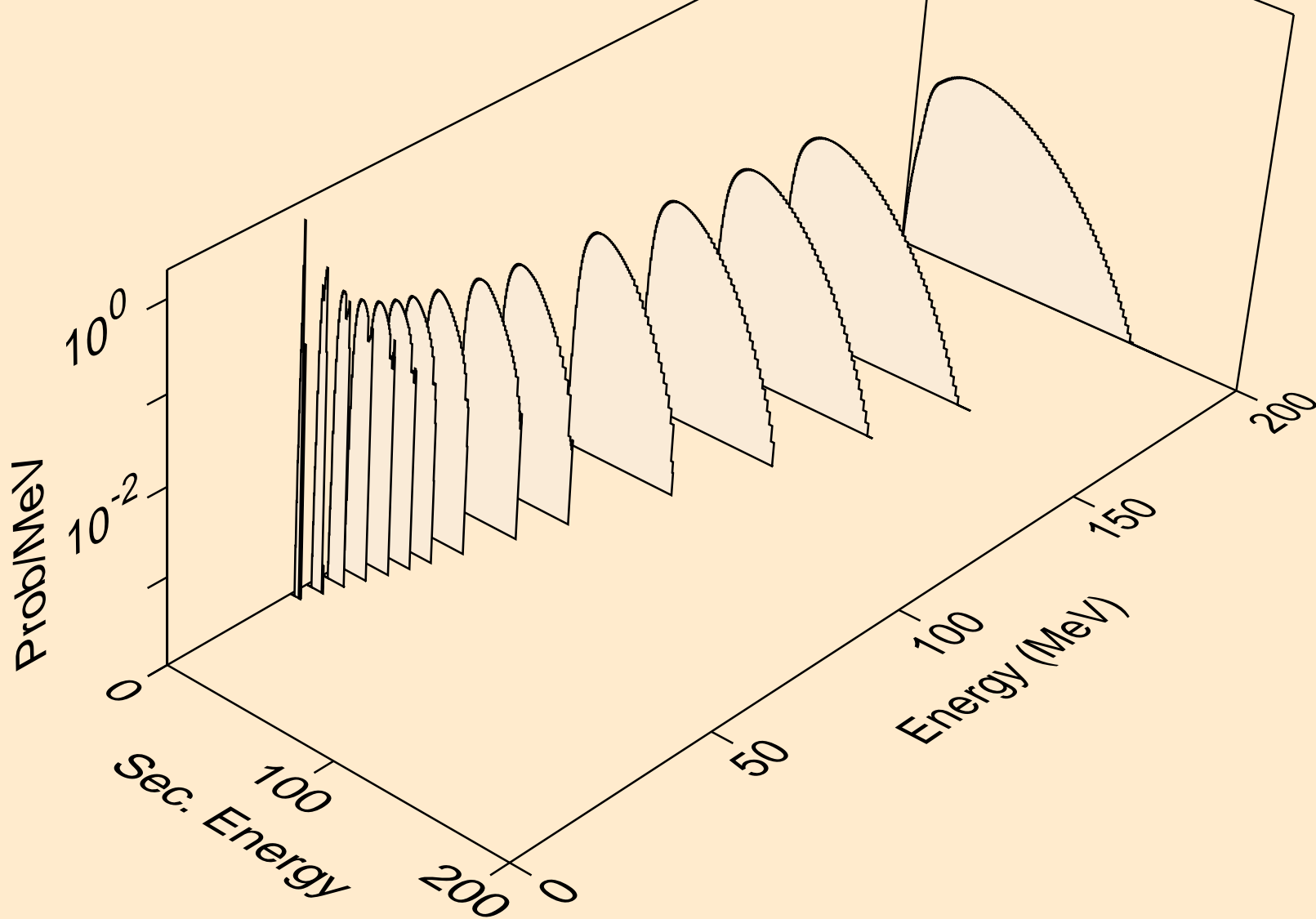
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



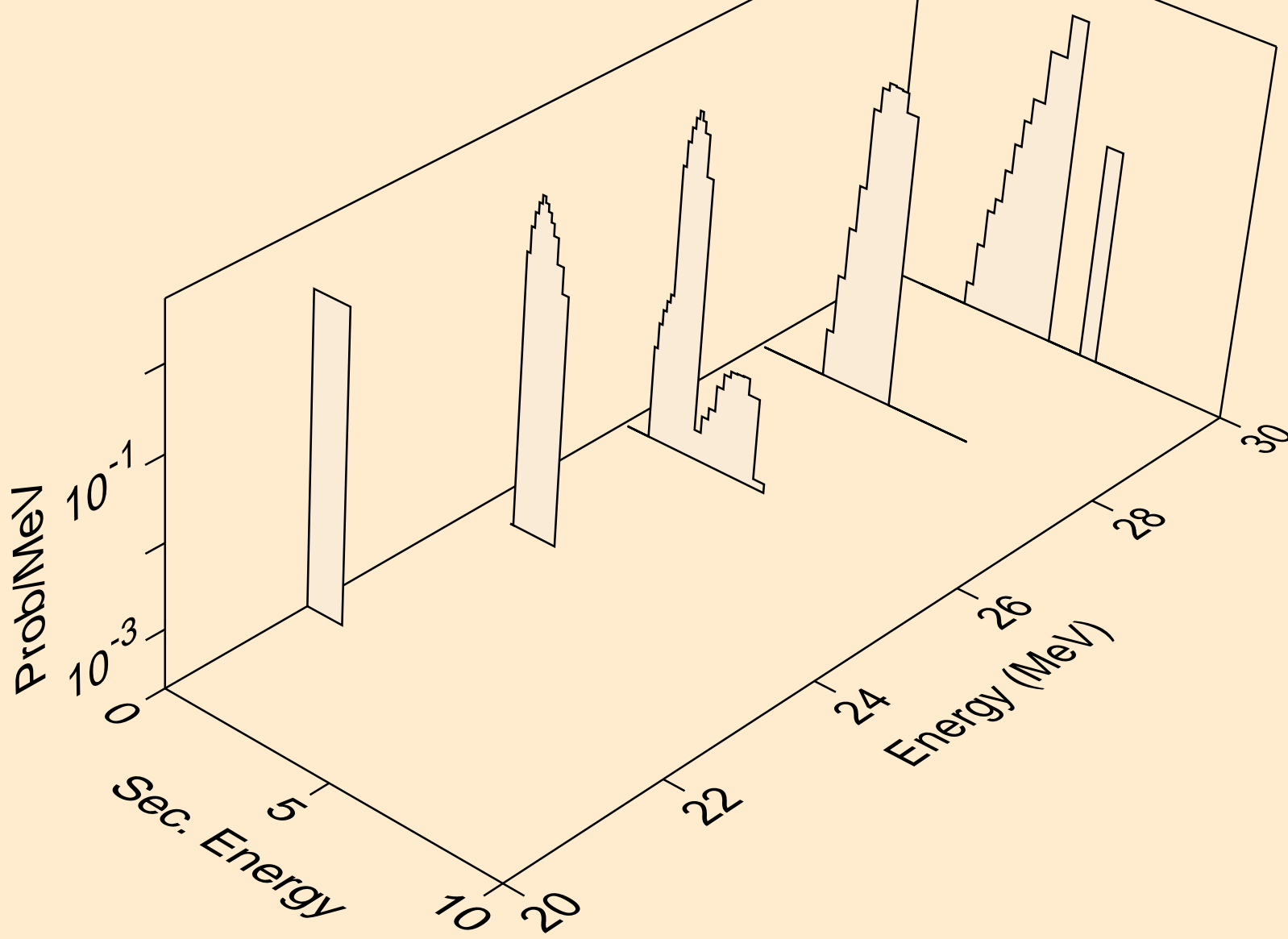
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



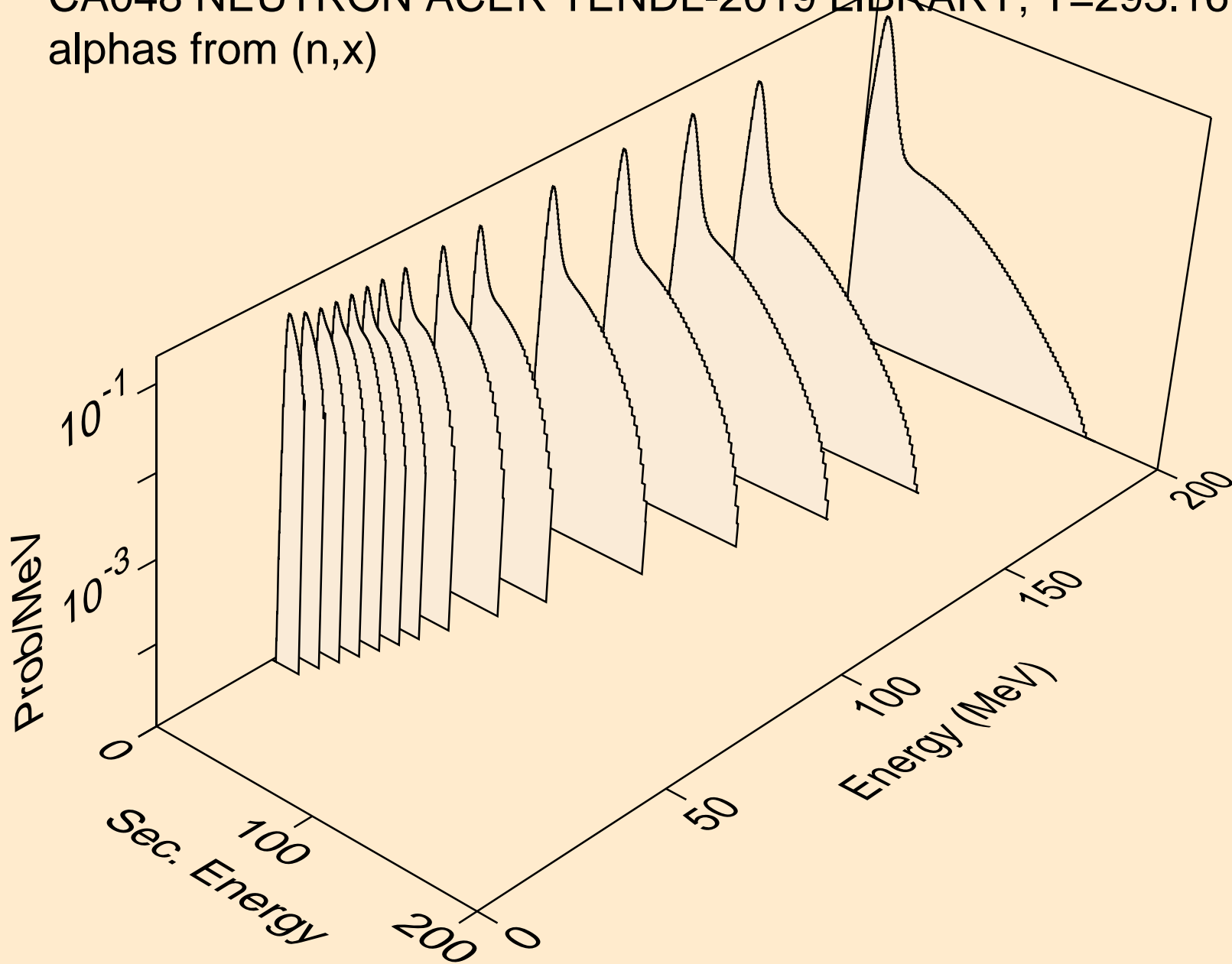
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



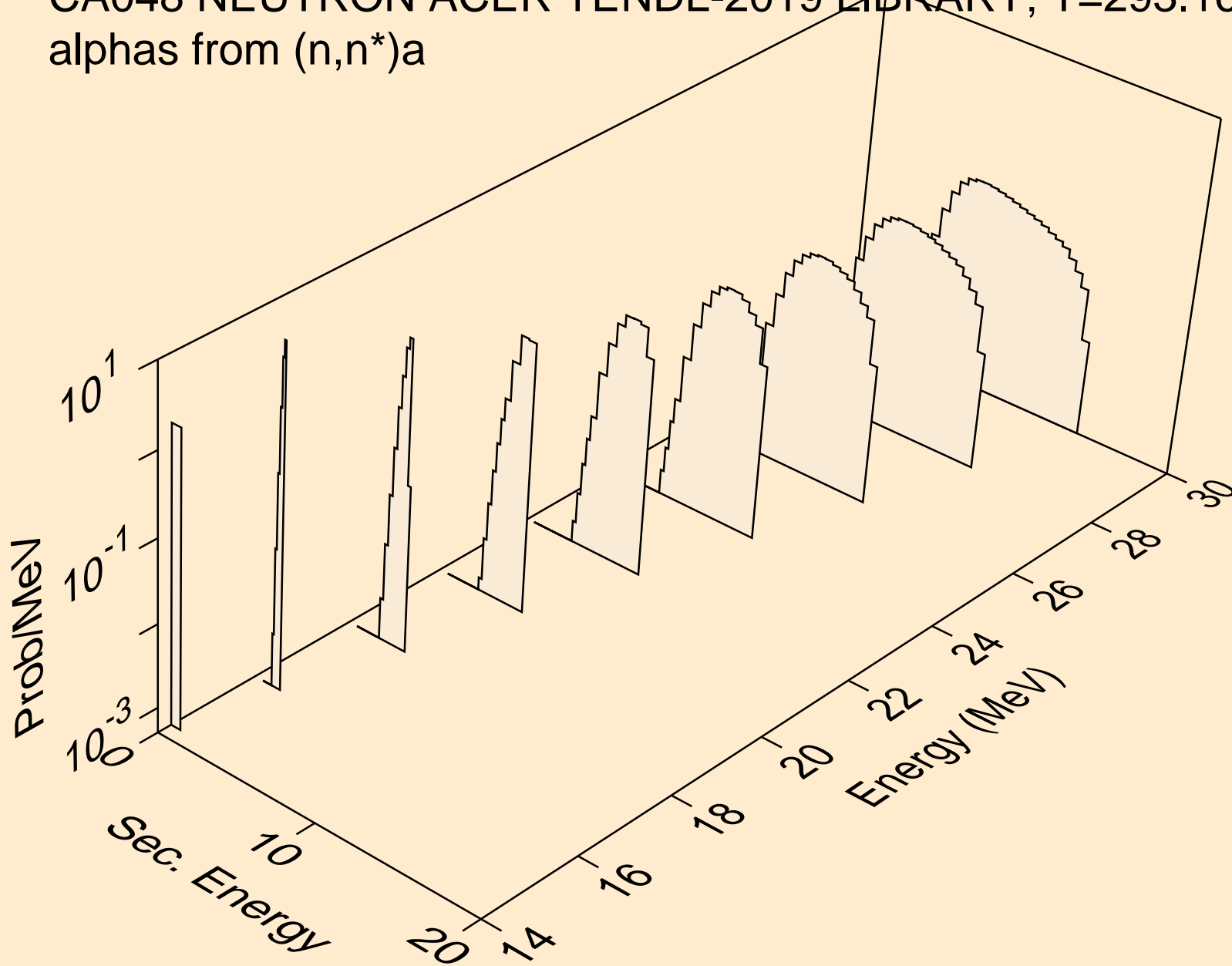
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



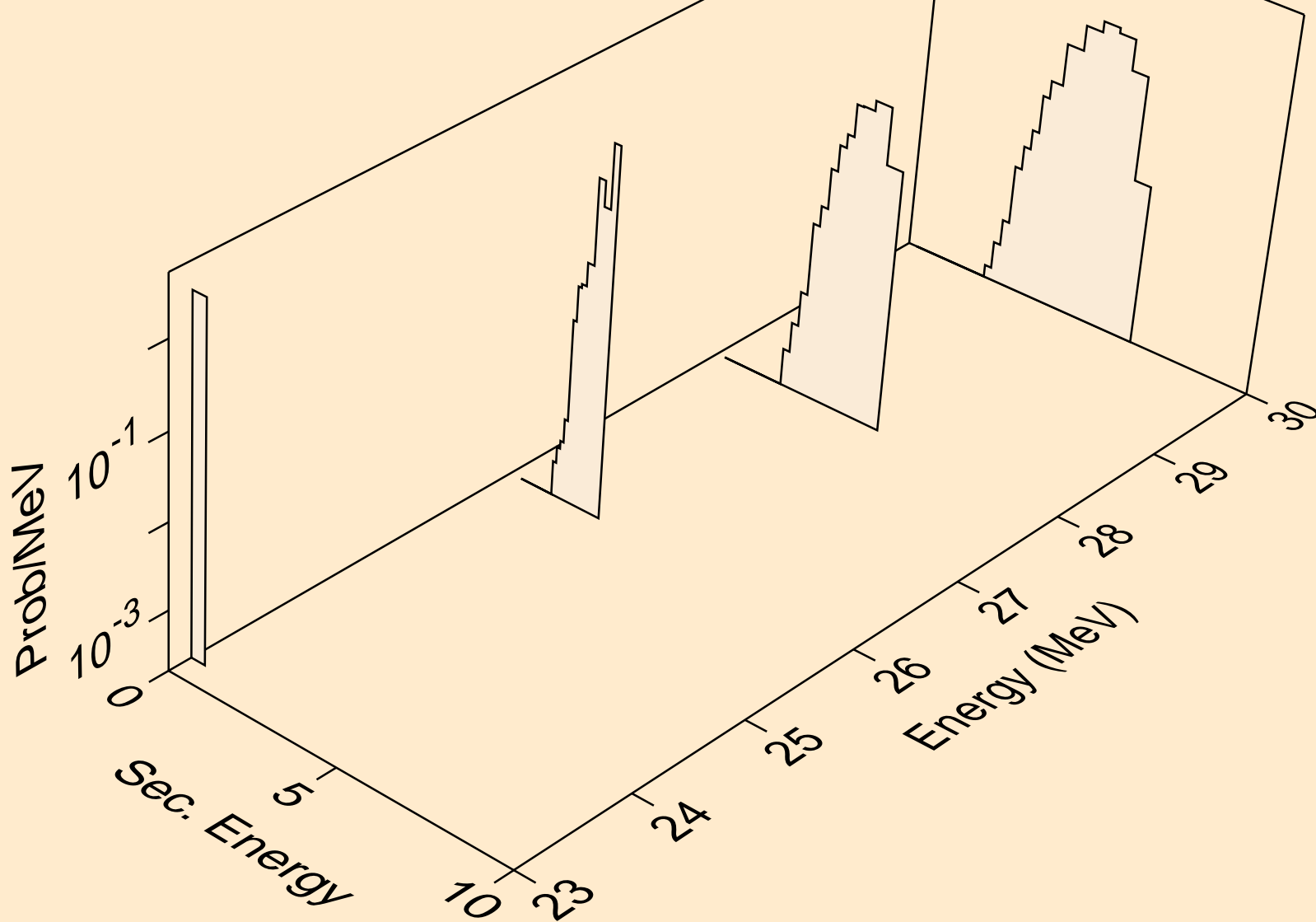
CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



CA048 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

