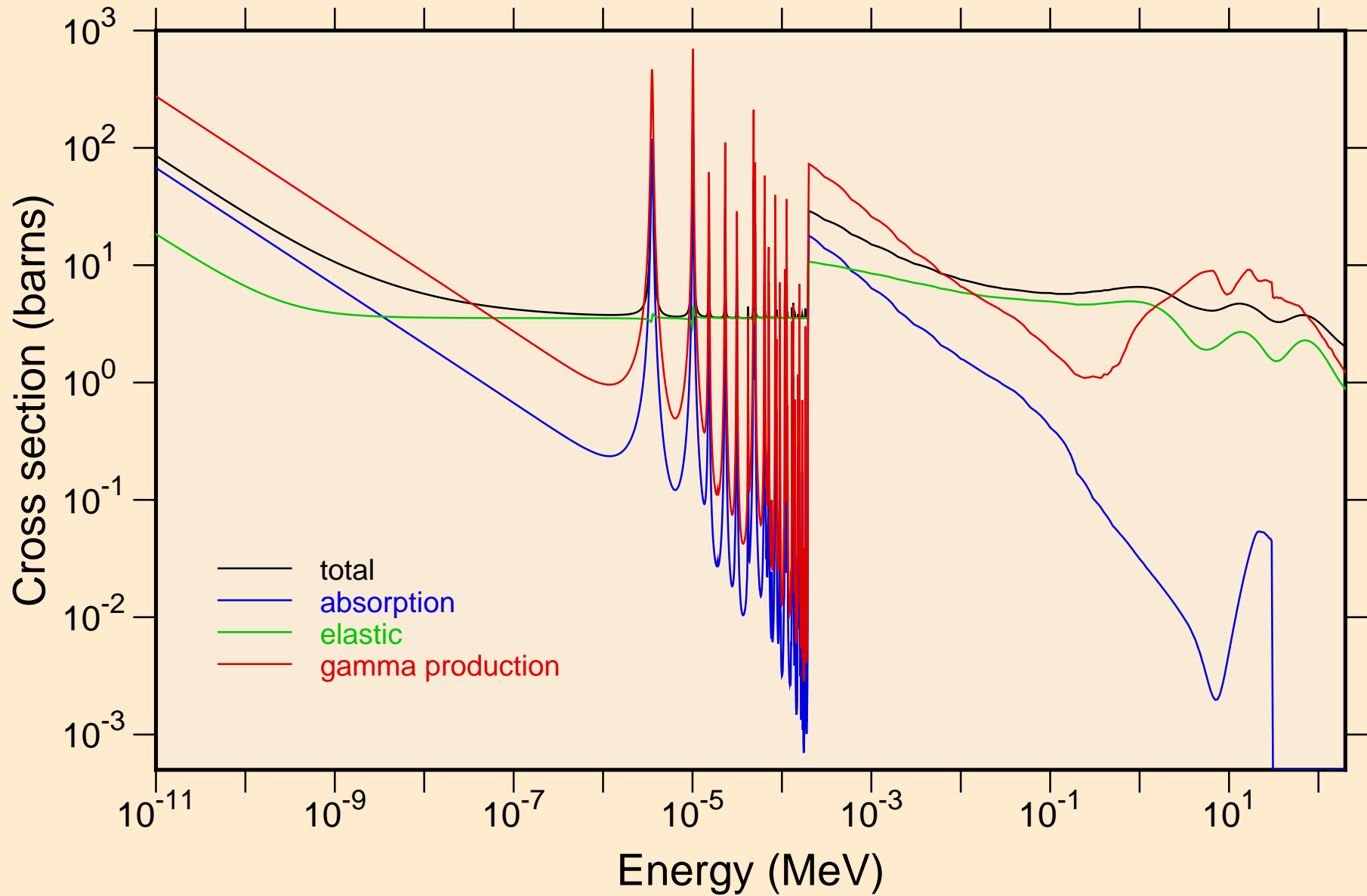
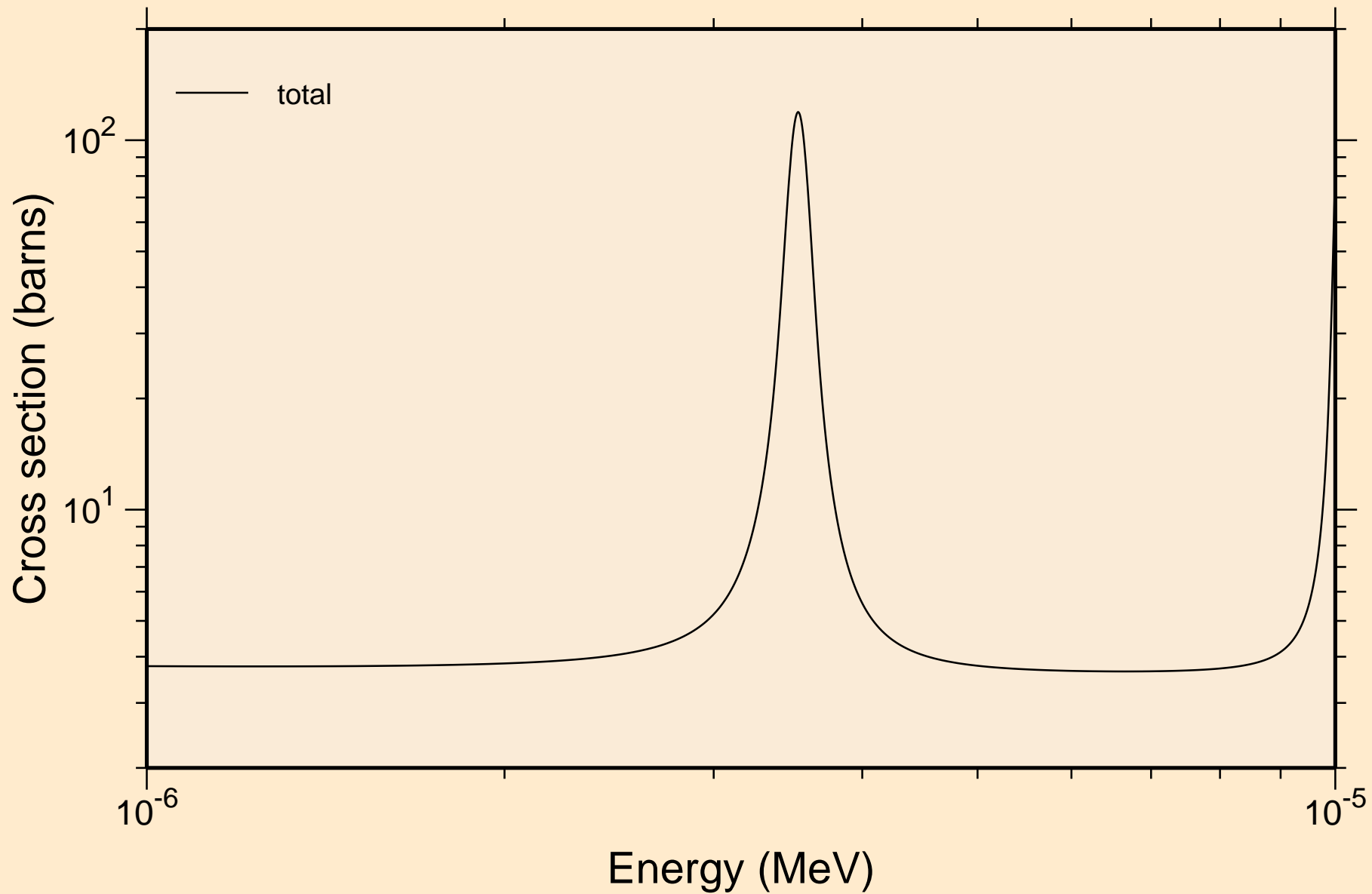


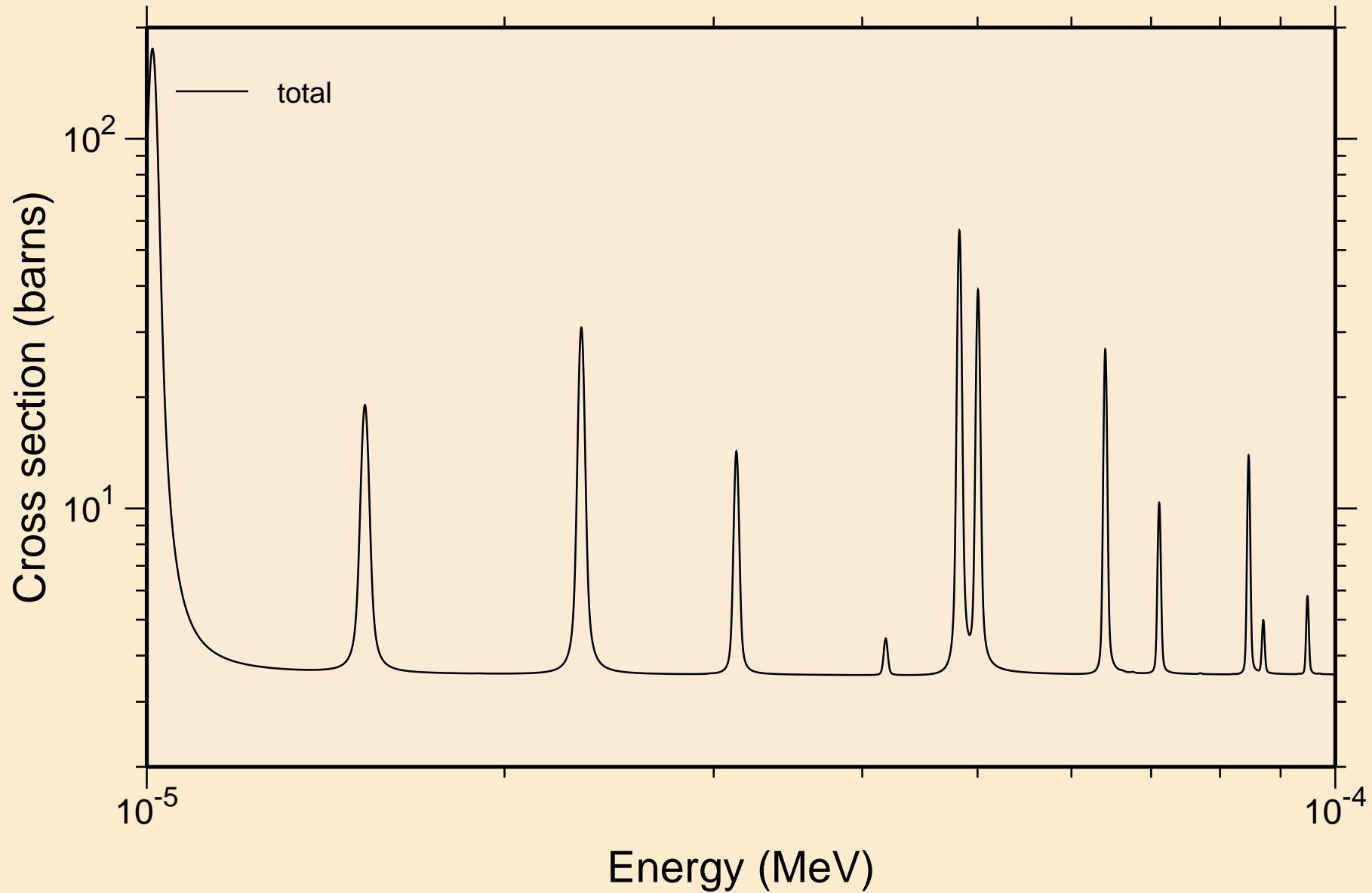
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



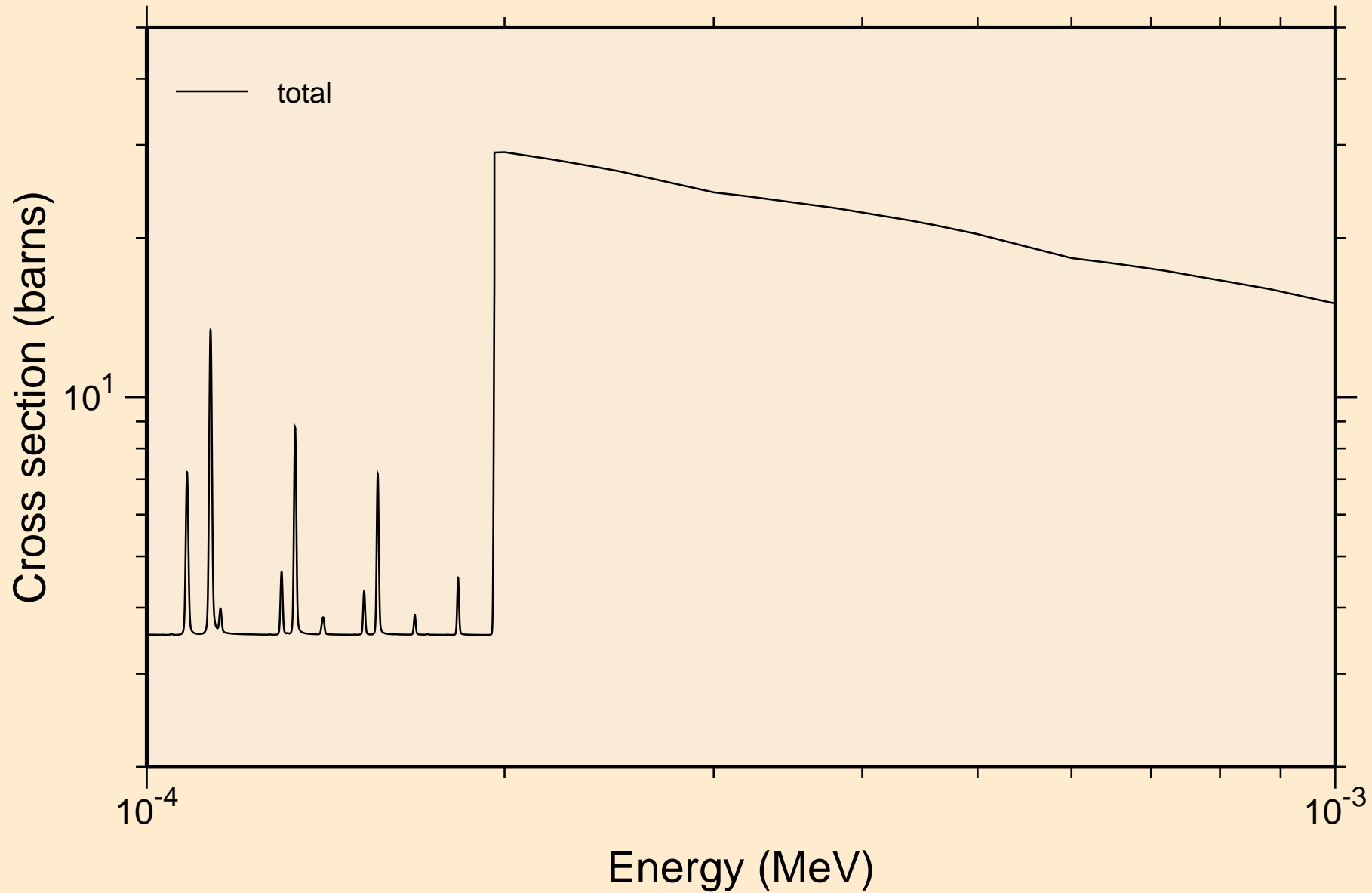
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



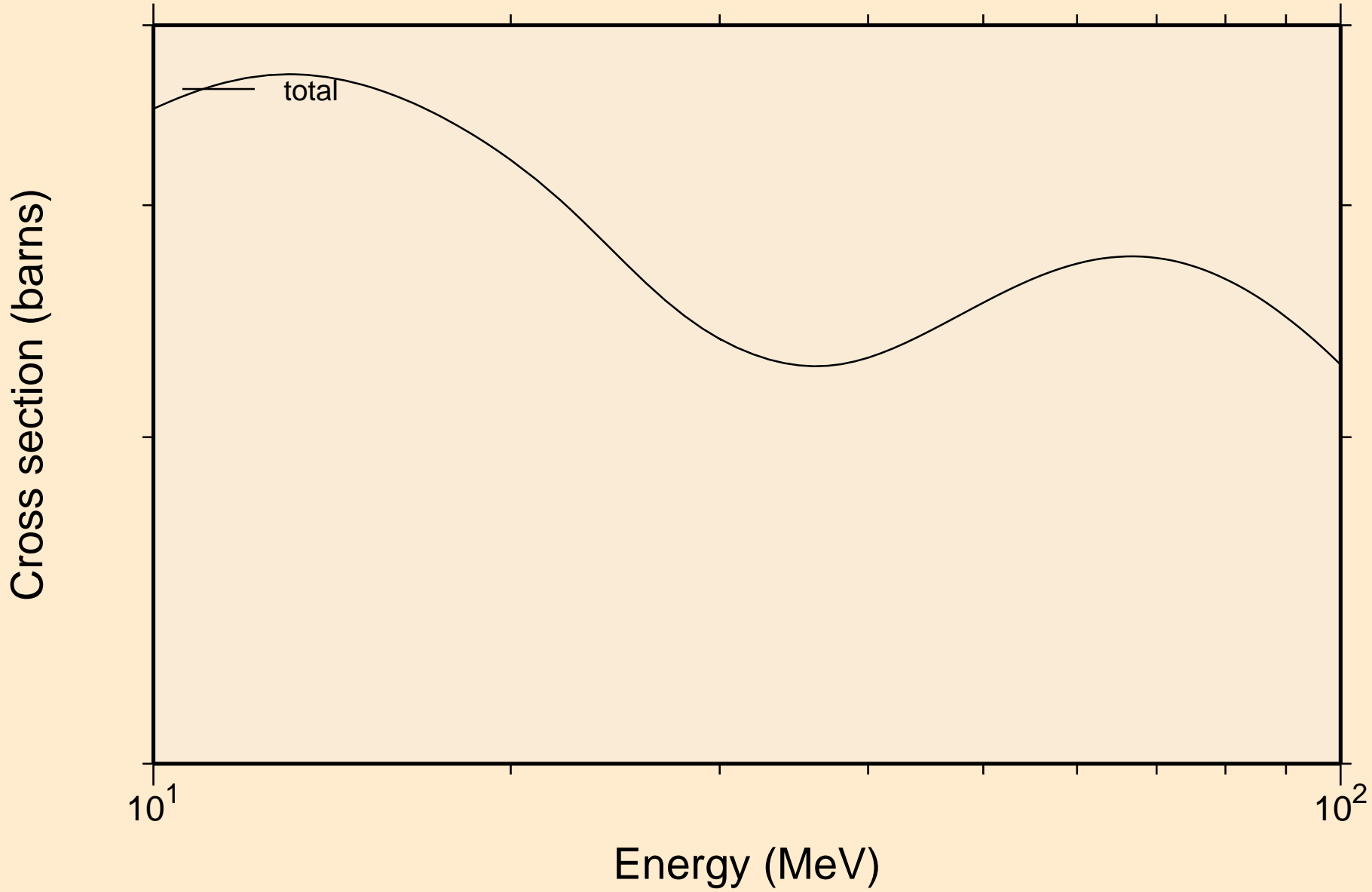
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



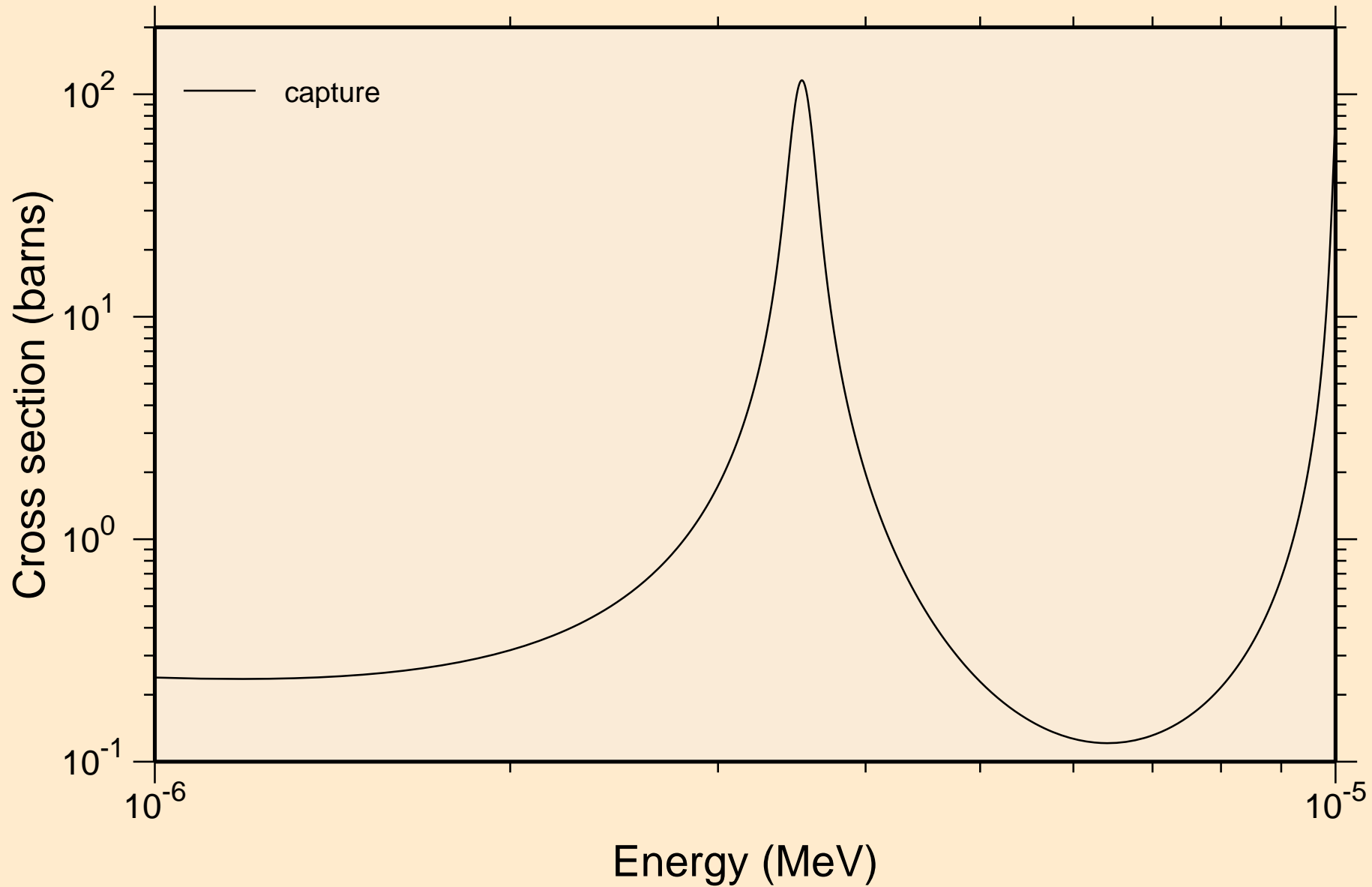
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



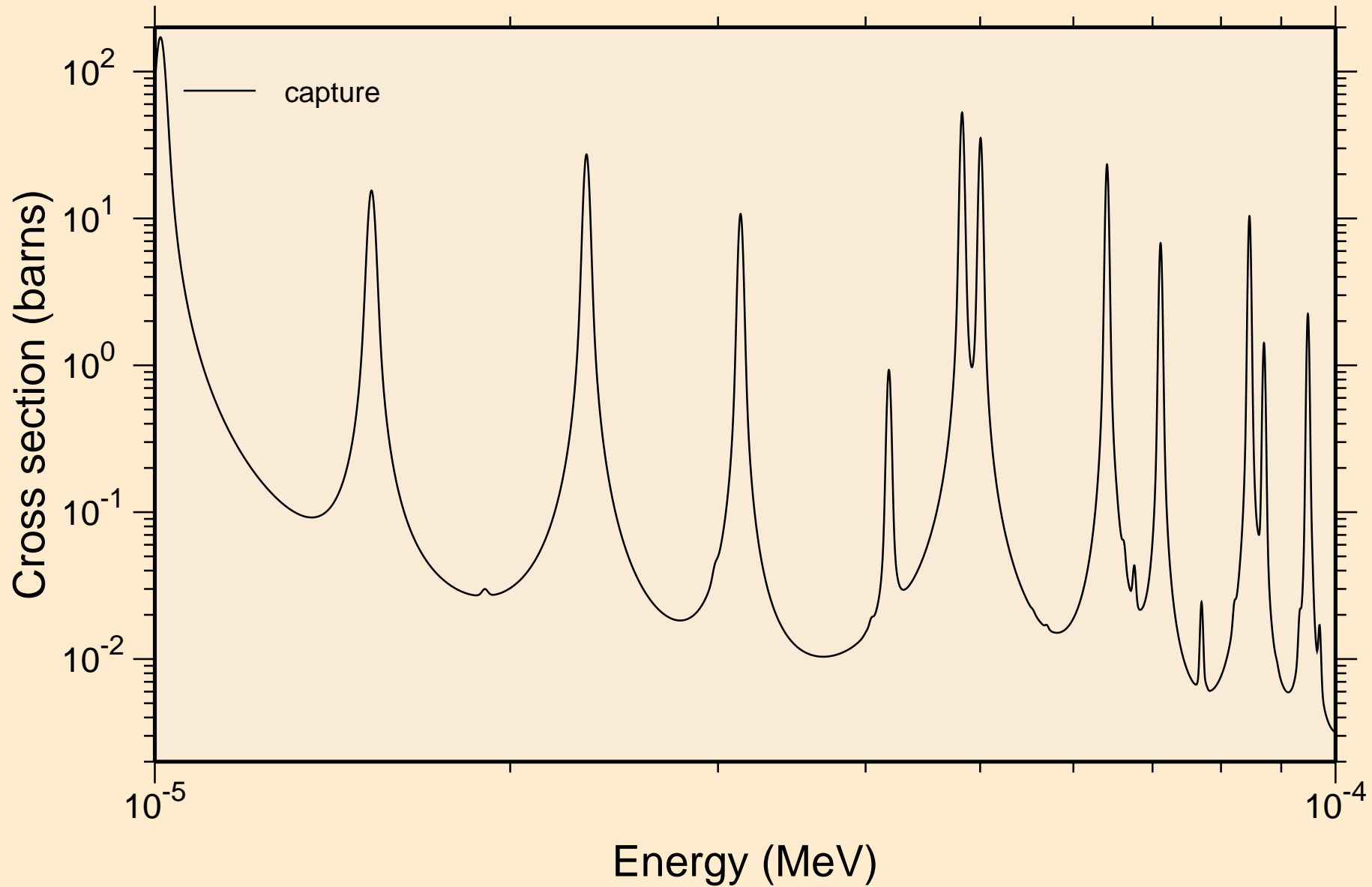
S \bar{B} 124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



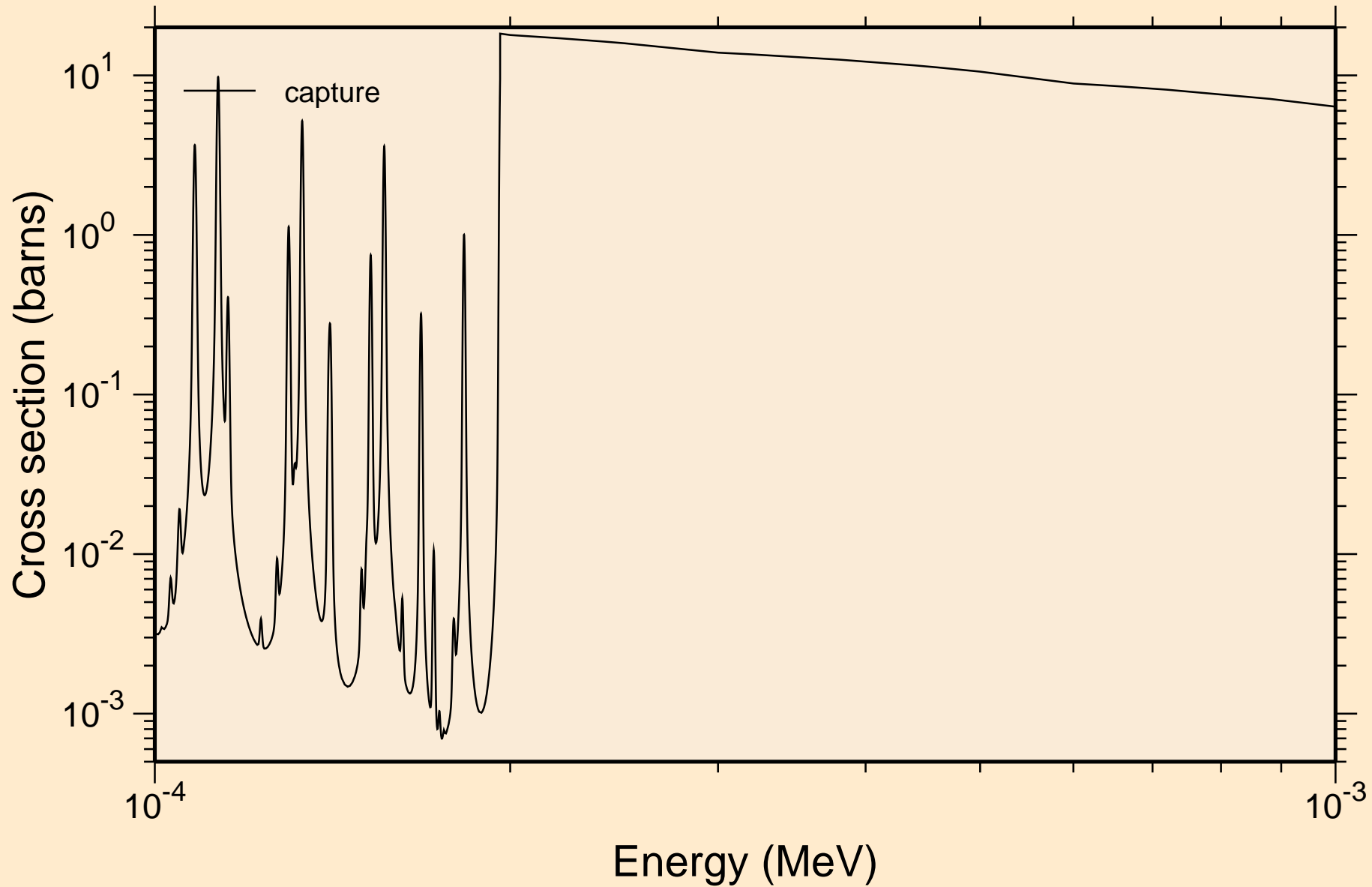
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



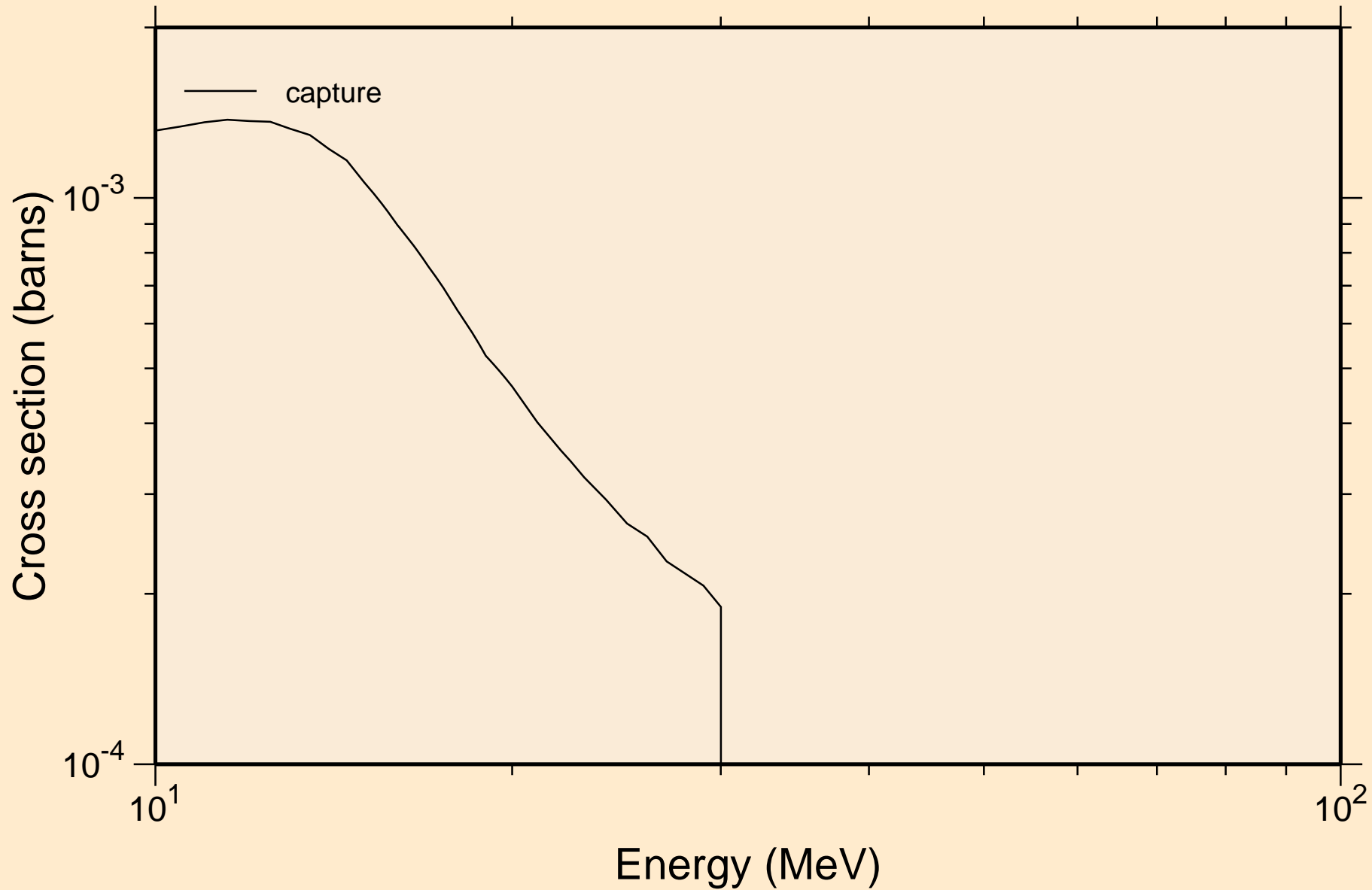
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



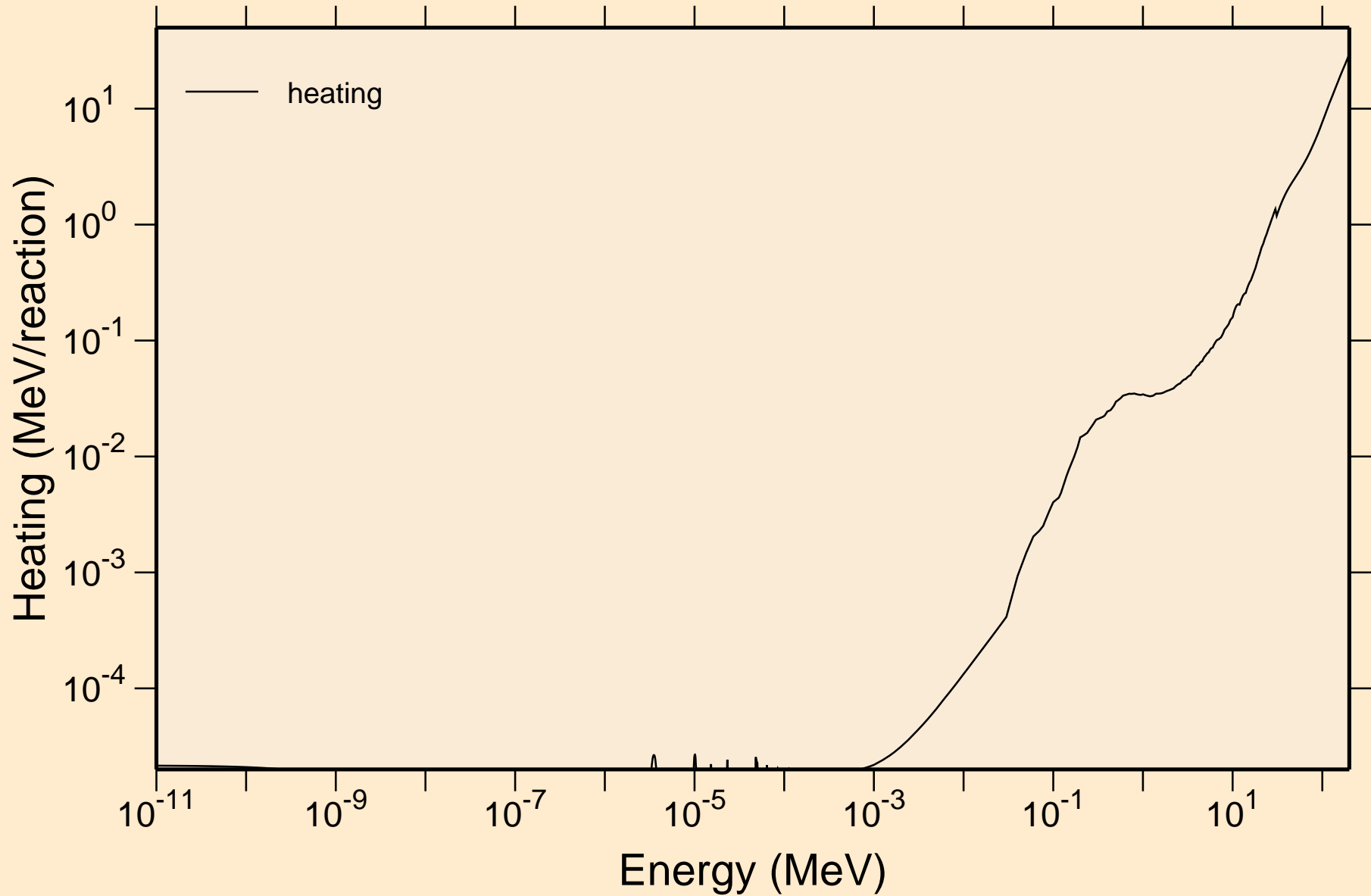
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



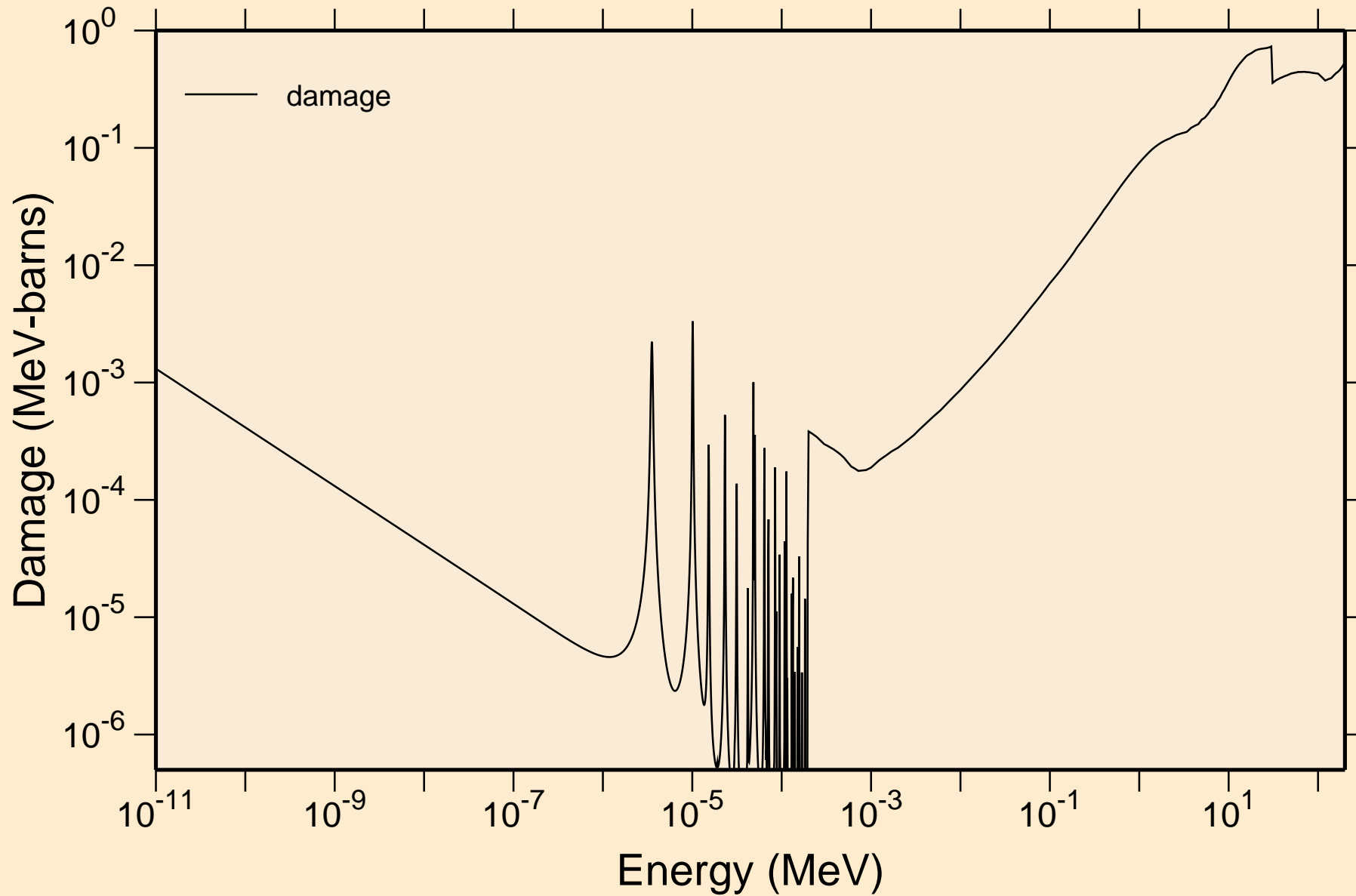
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



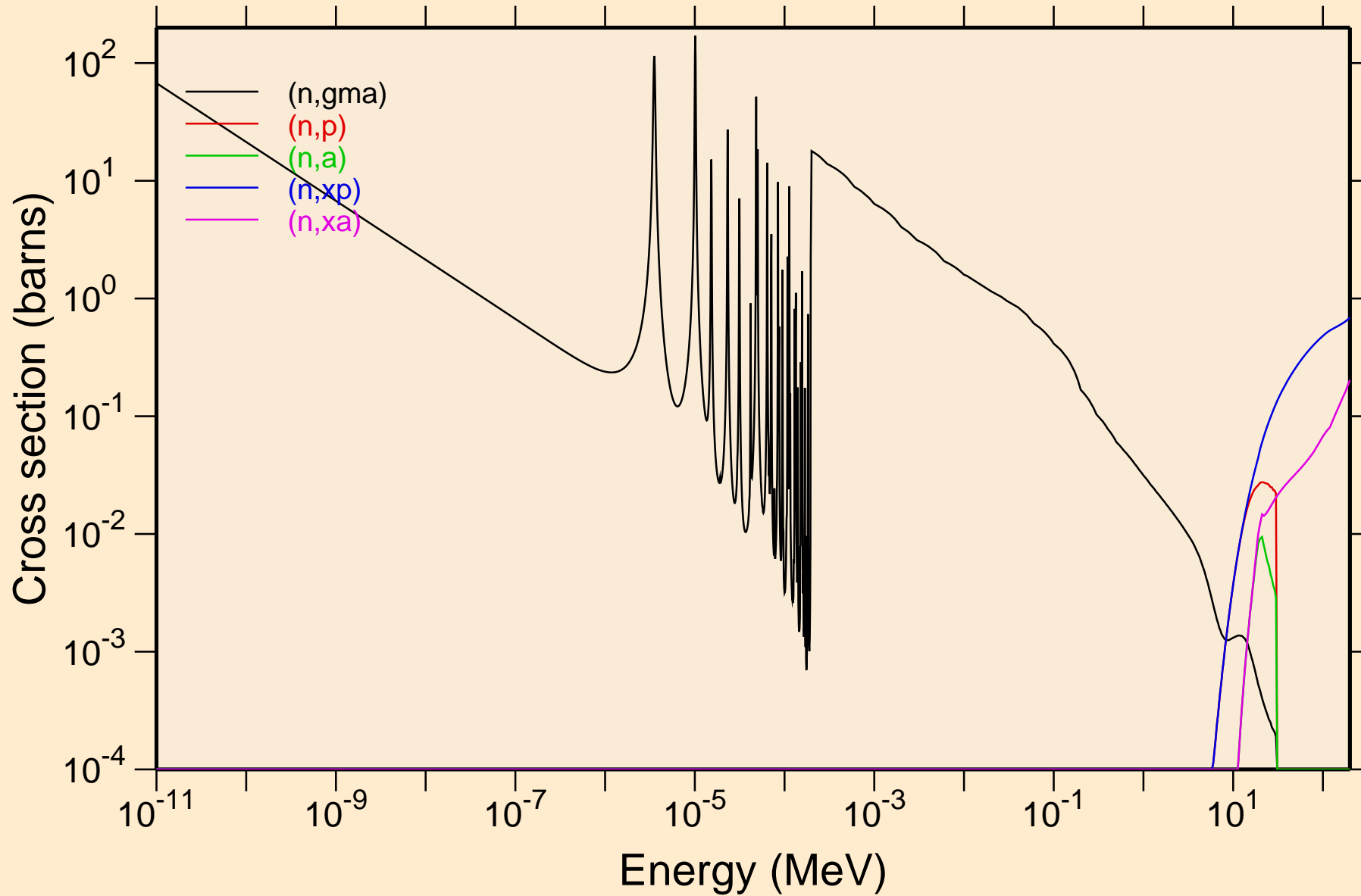
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



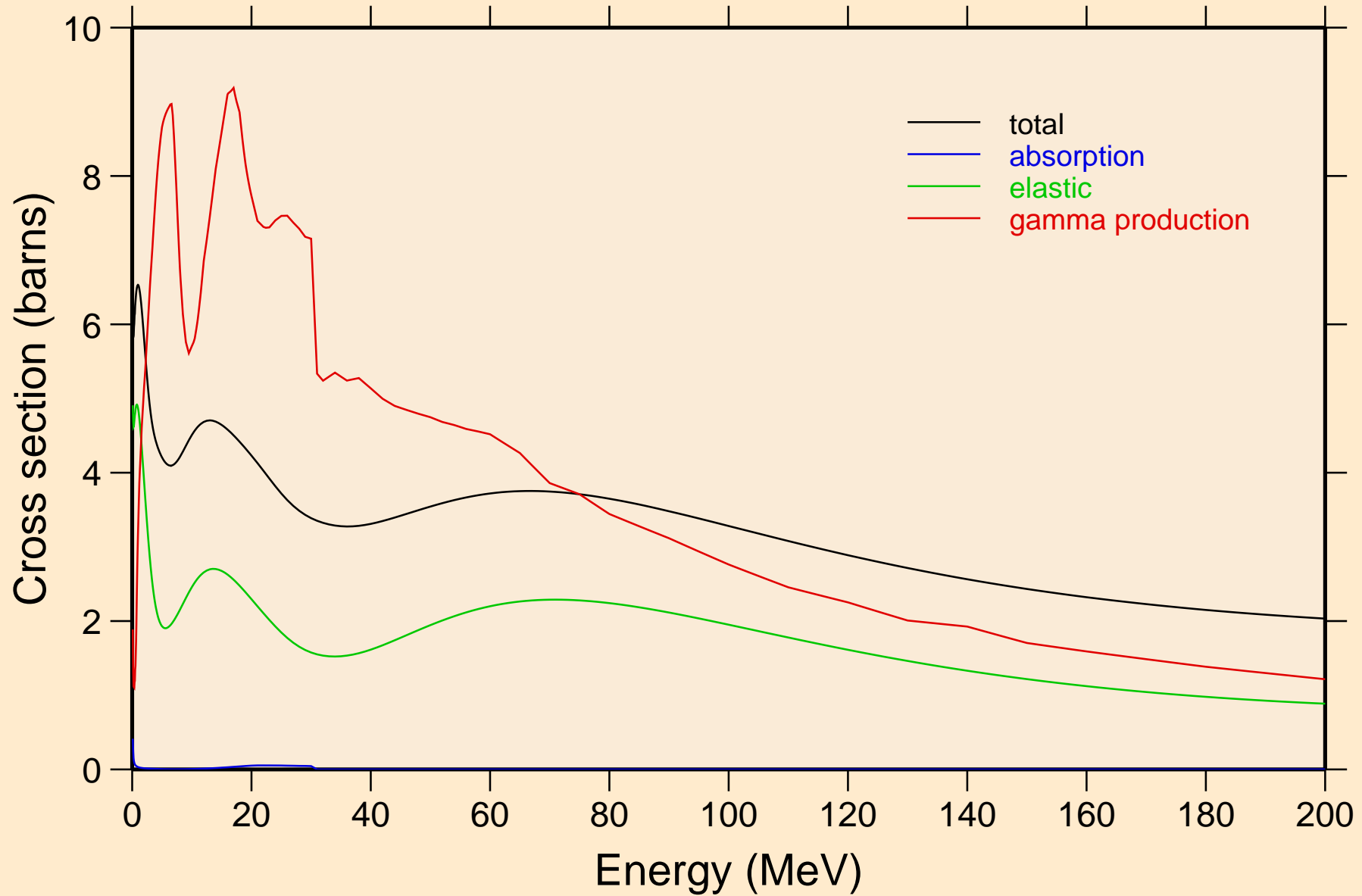
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage



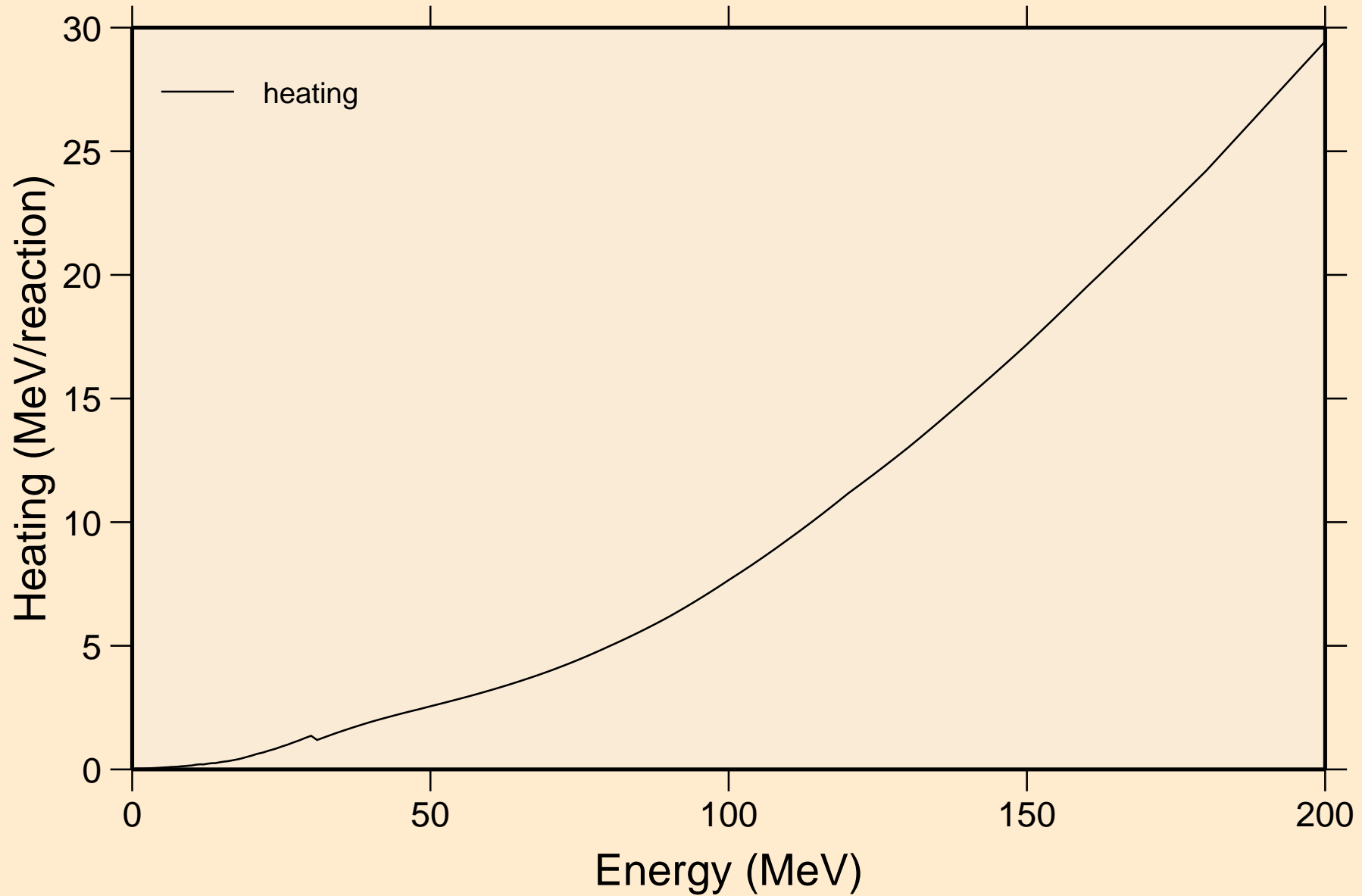
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions



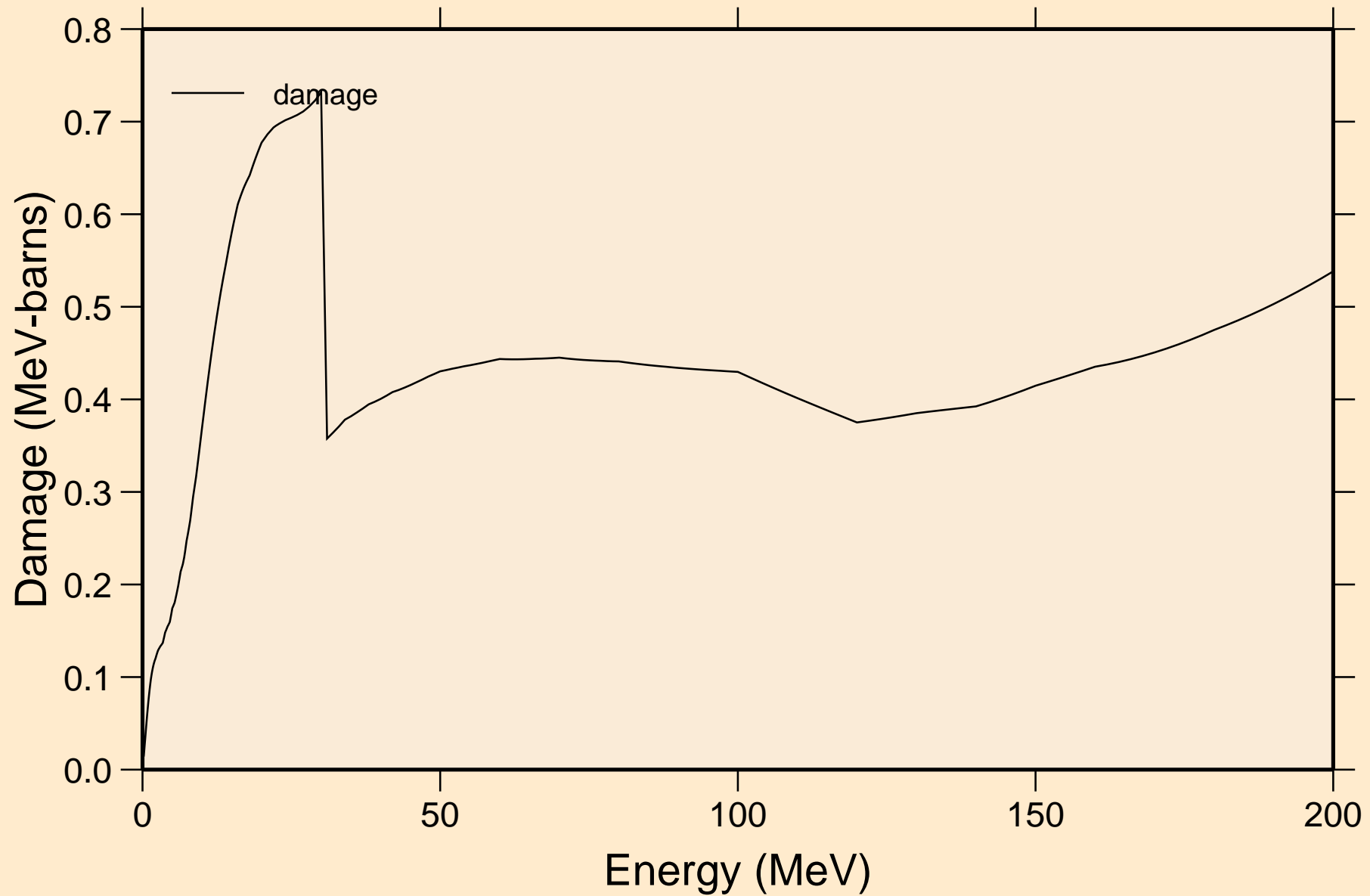
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



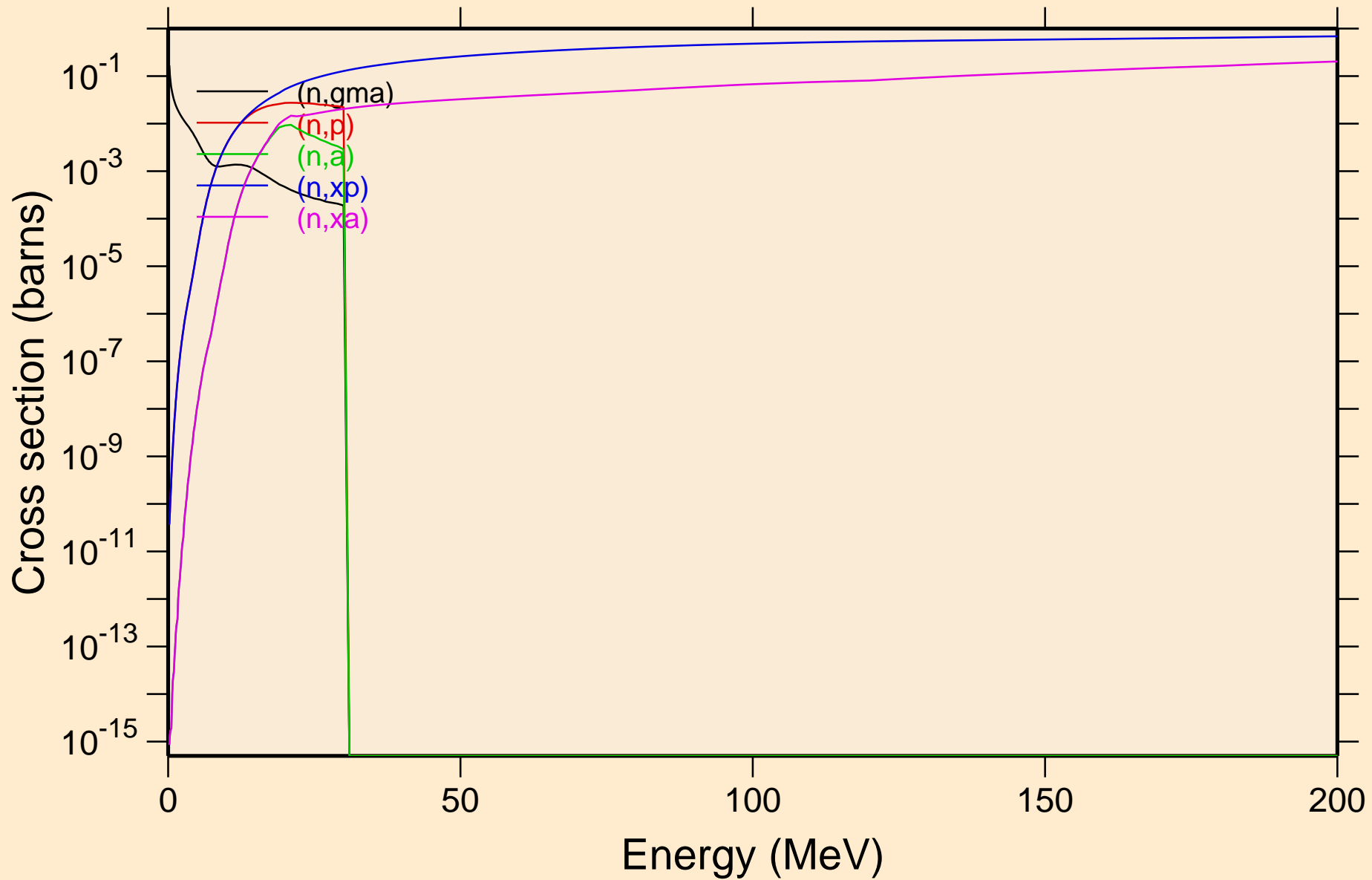
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



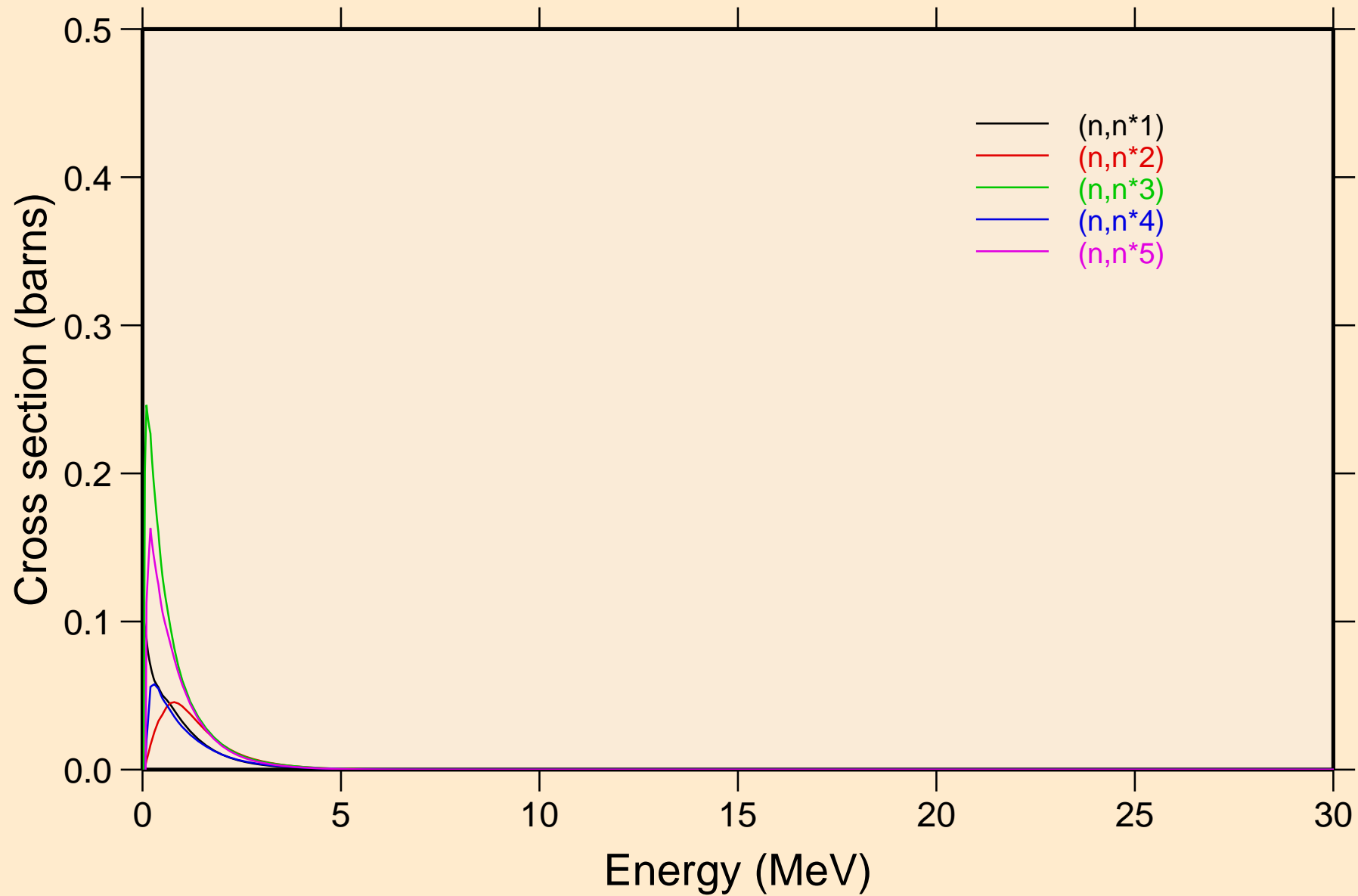
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage



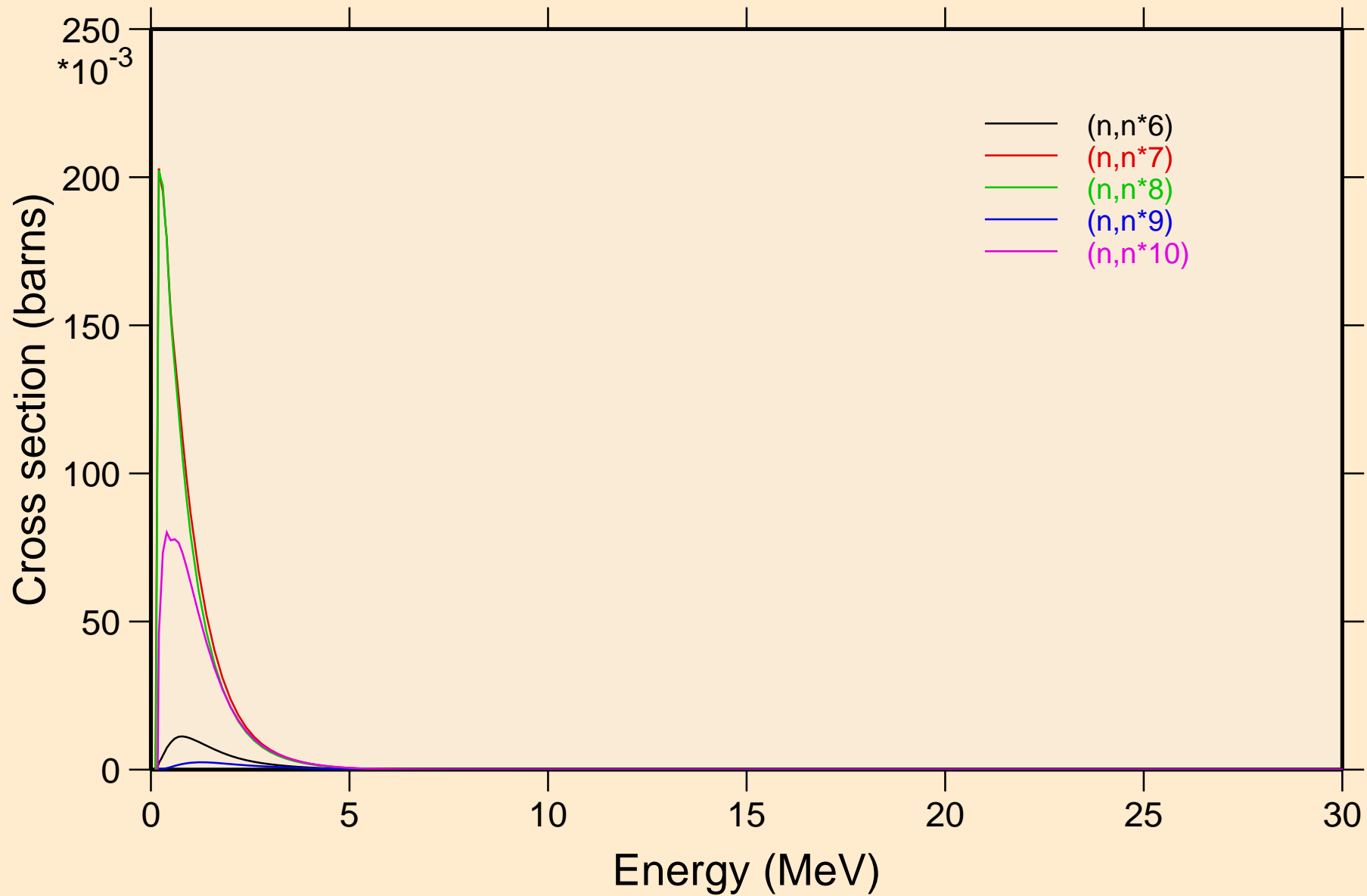
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions



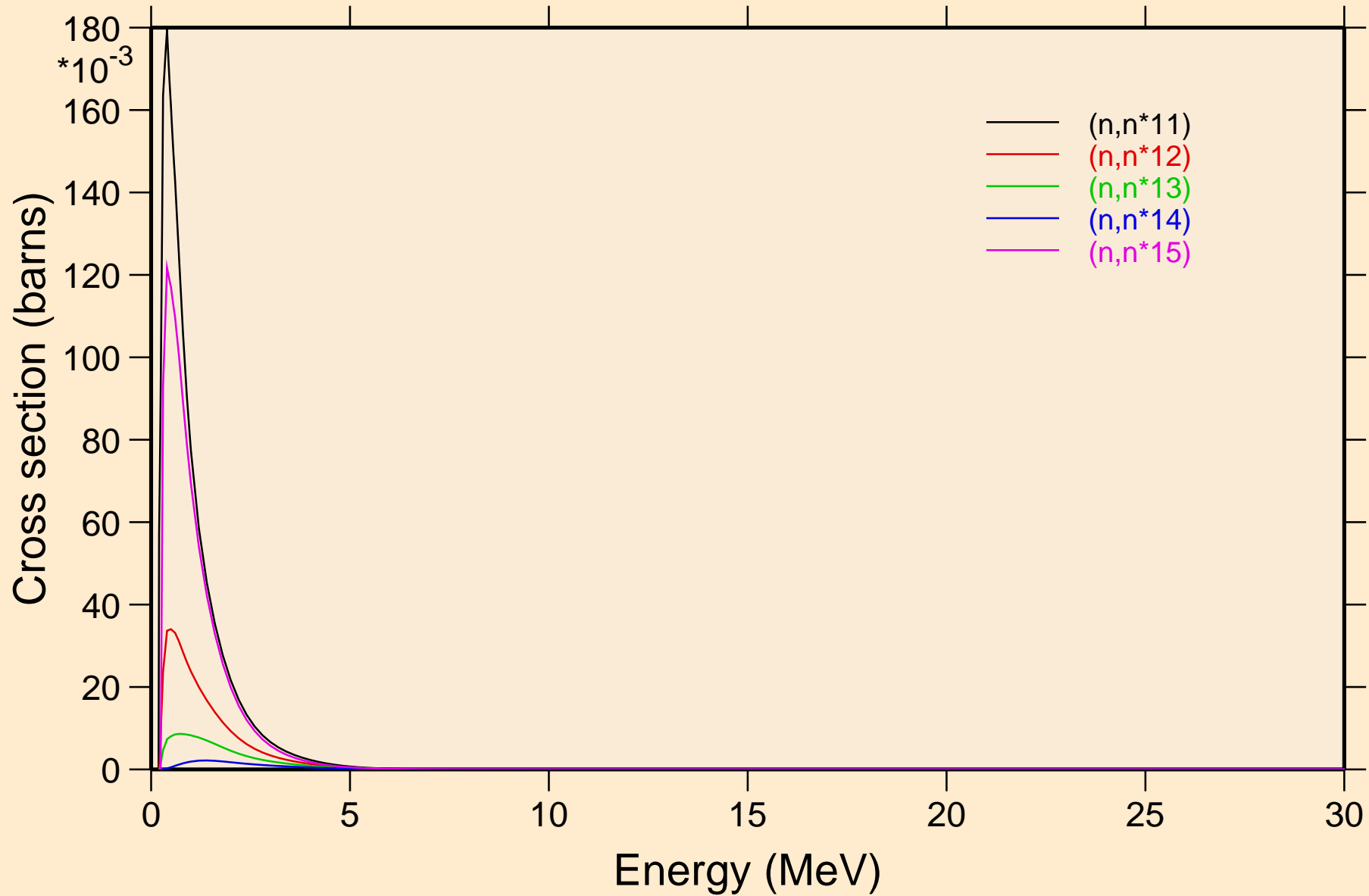
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



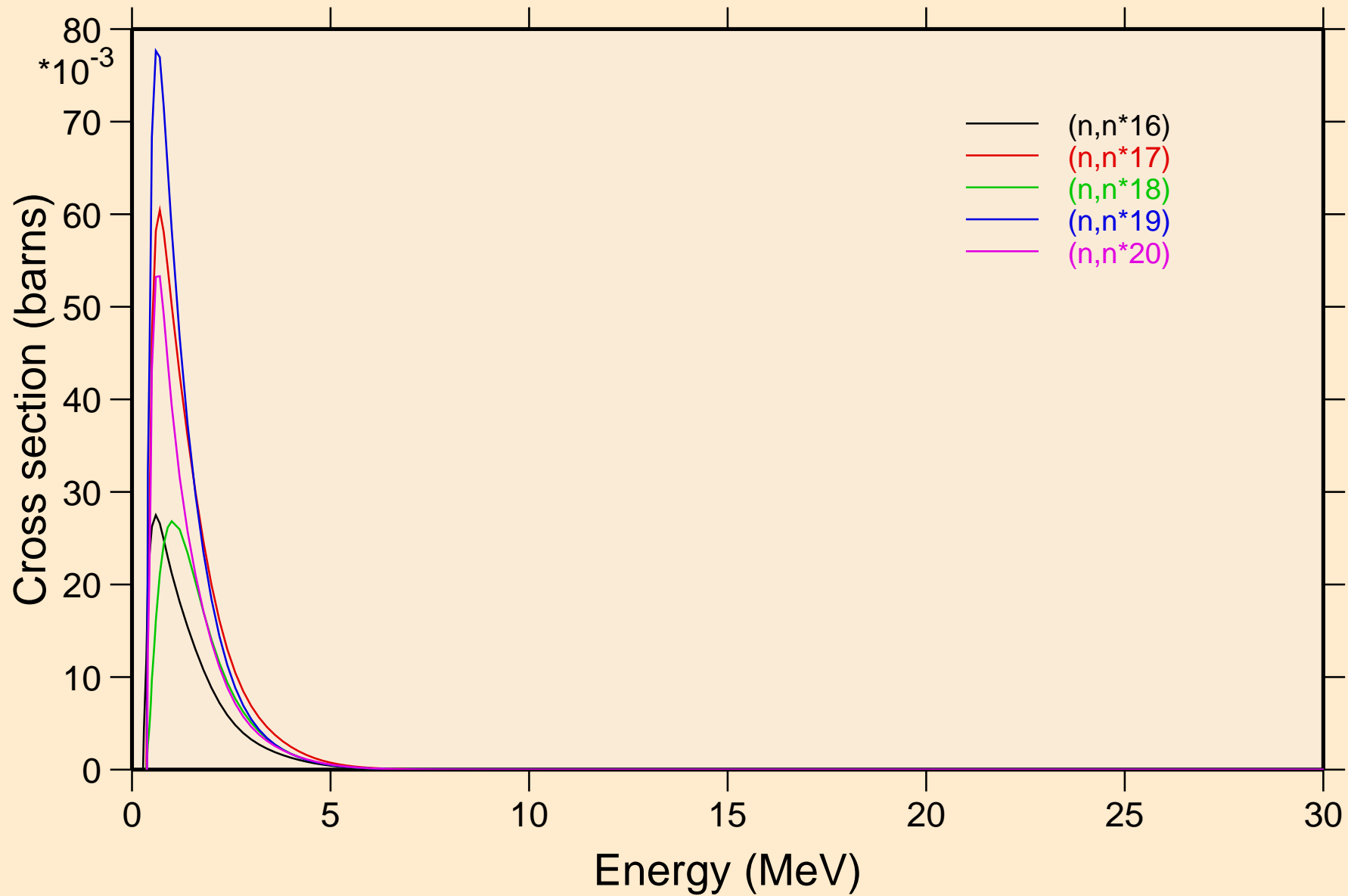
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



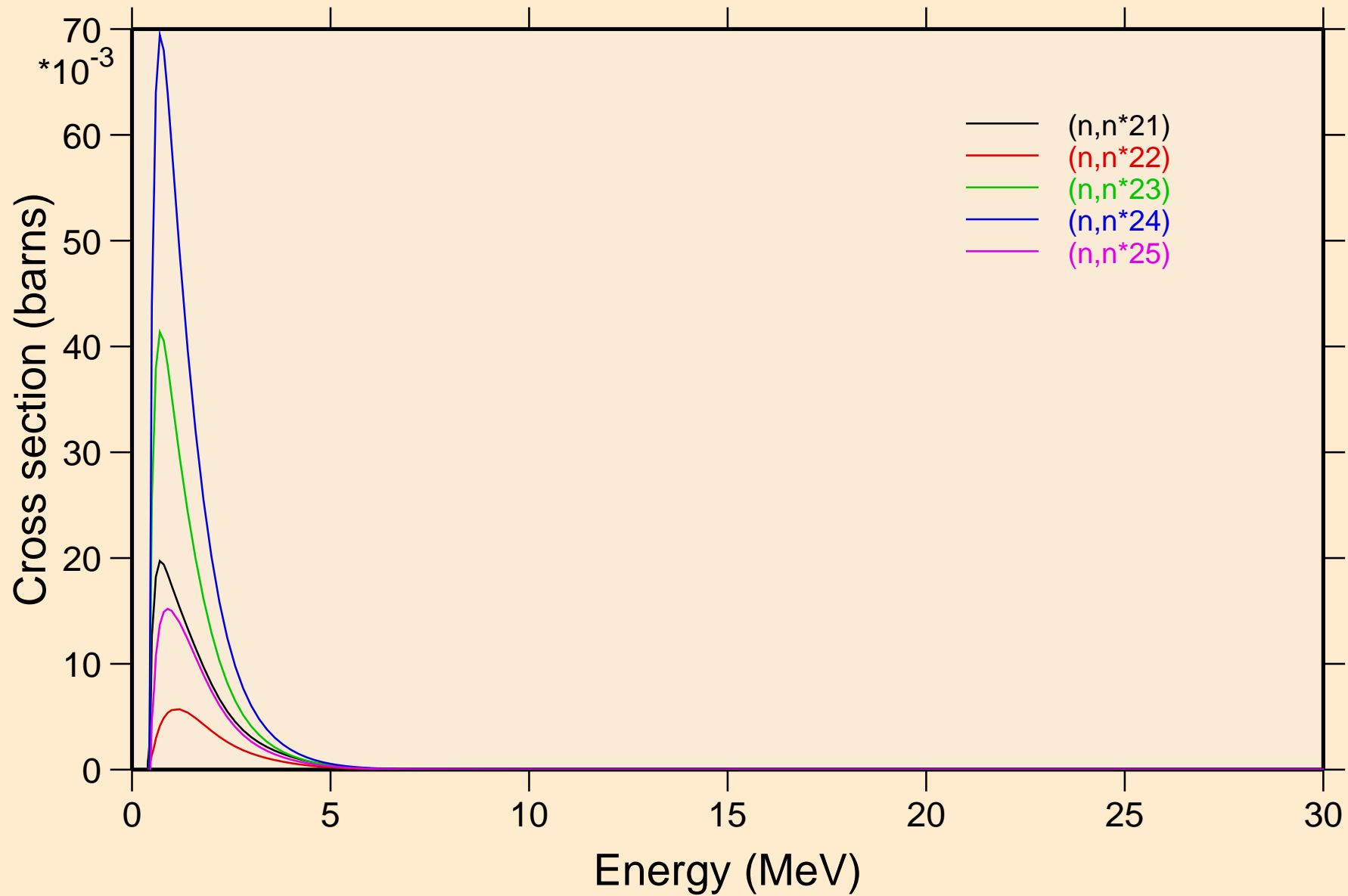
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



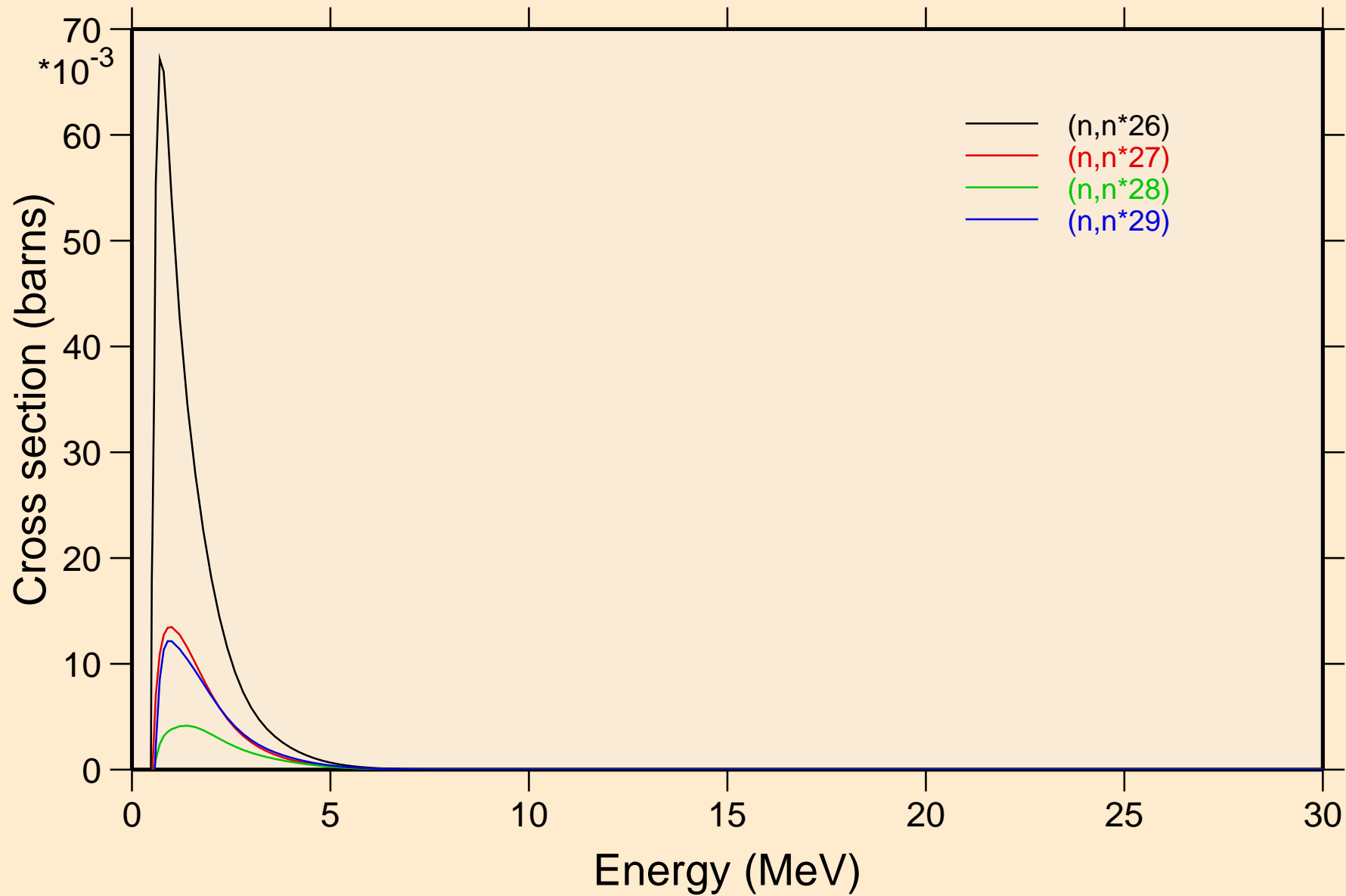
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



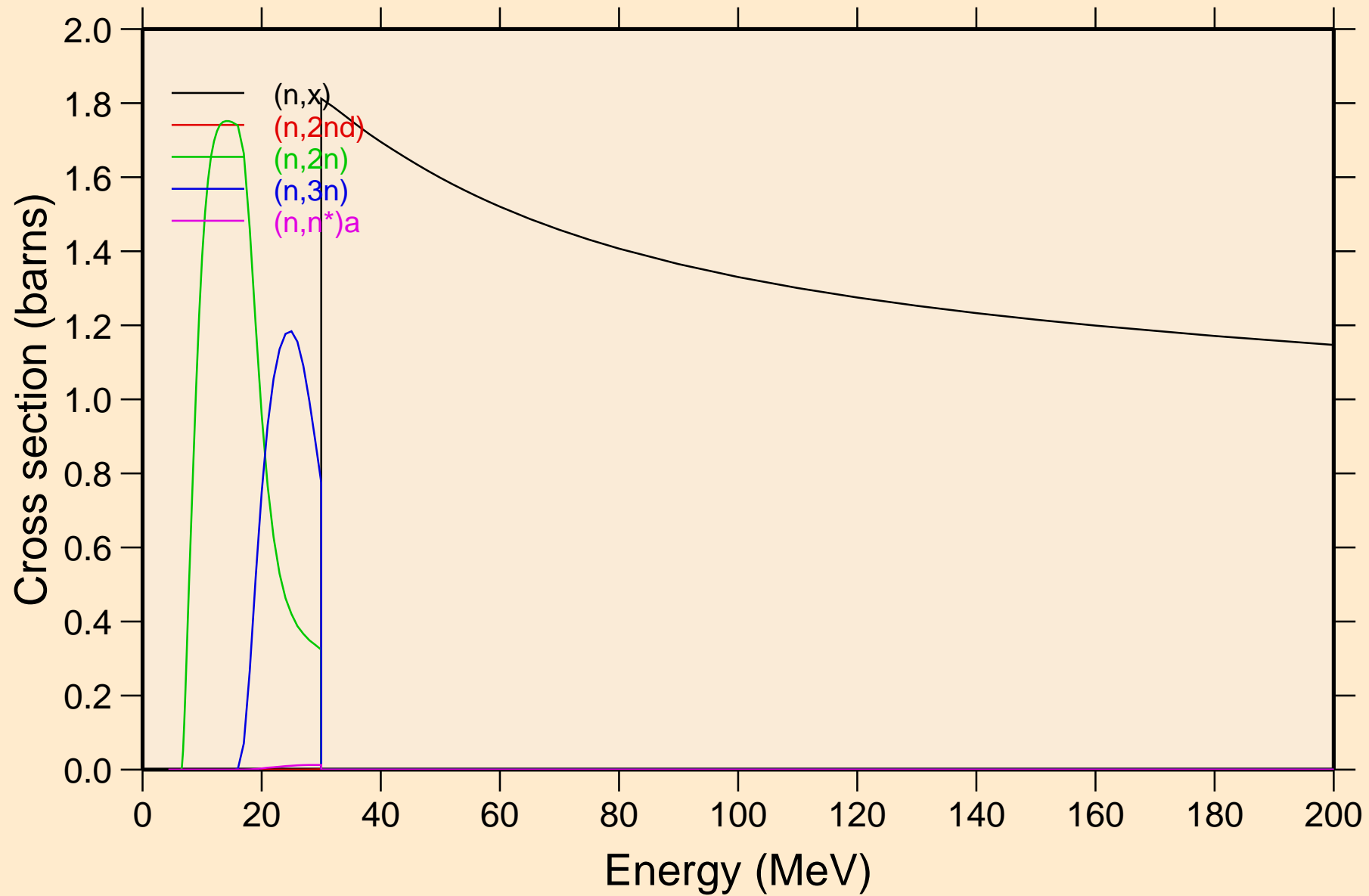
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels

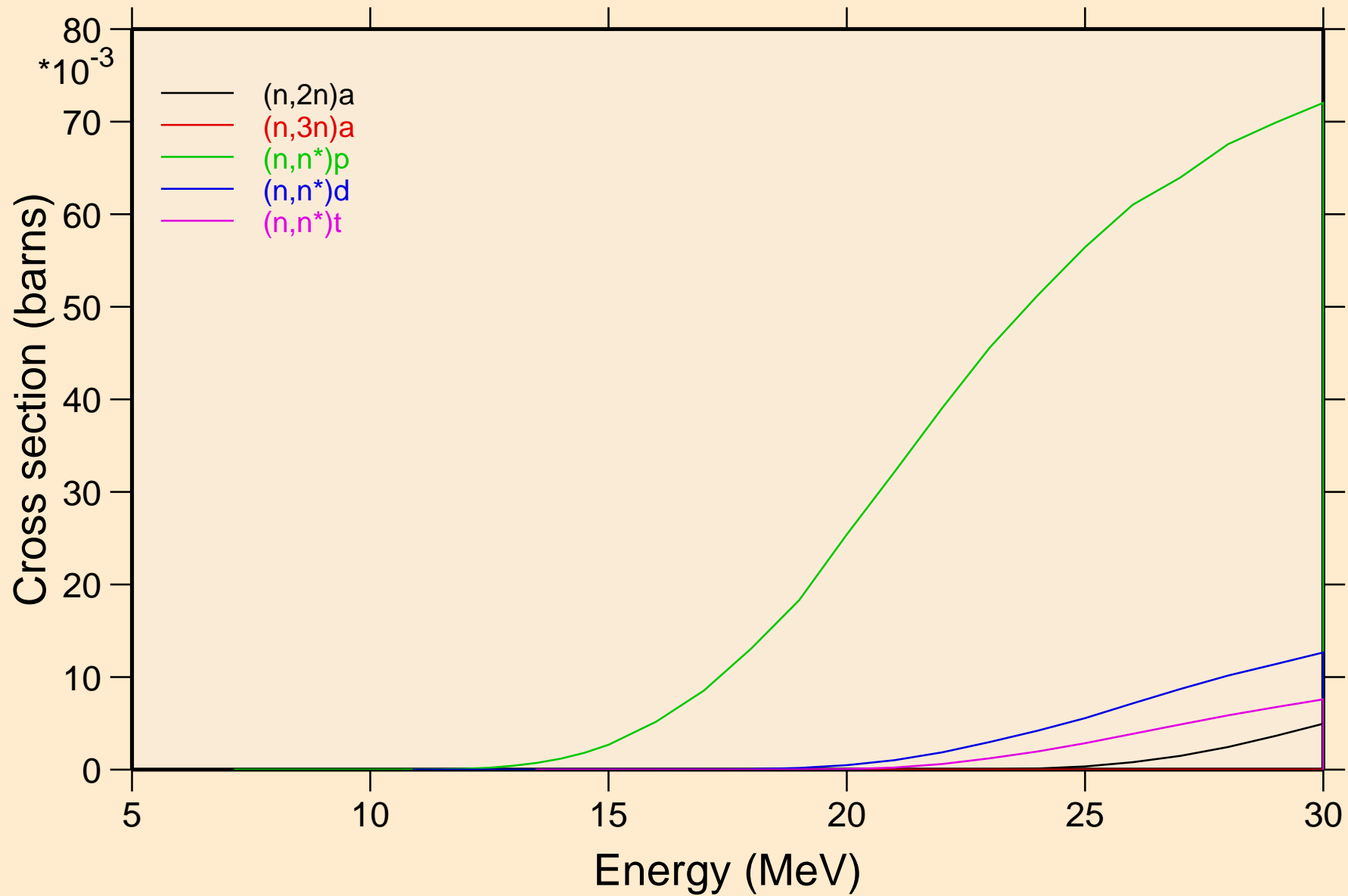


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

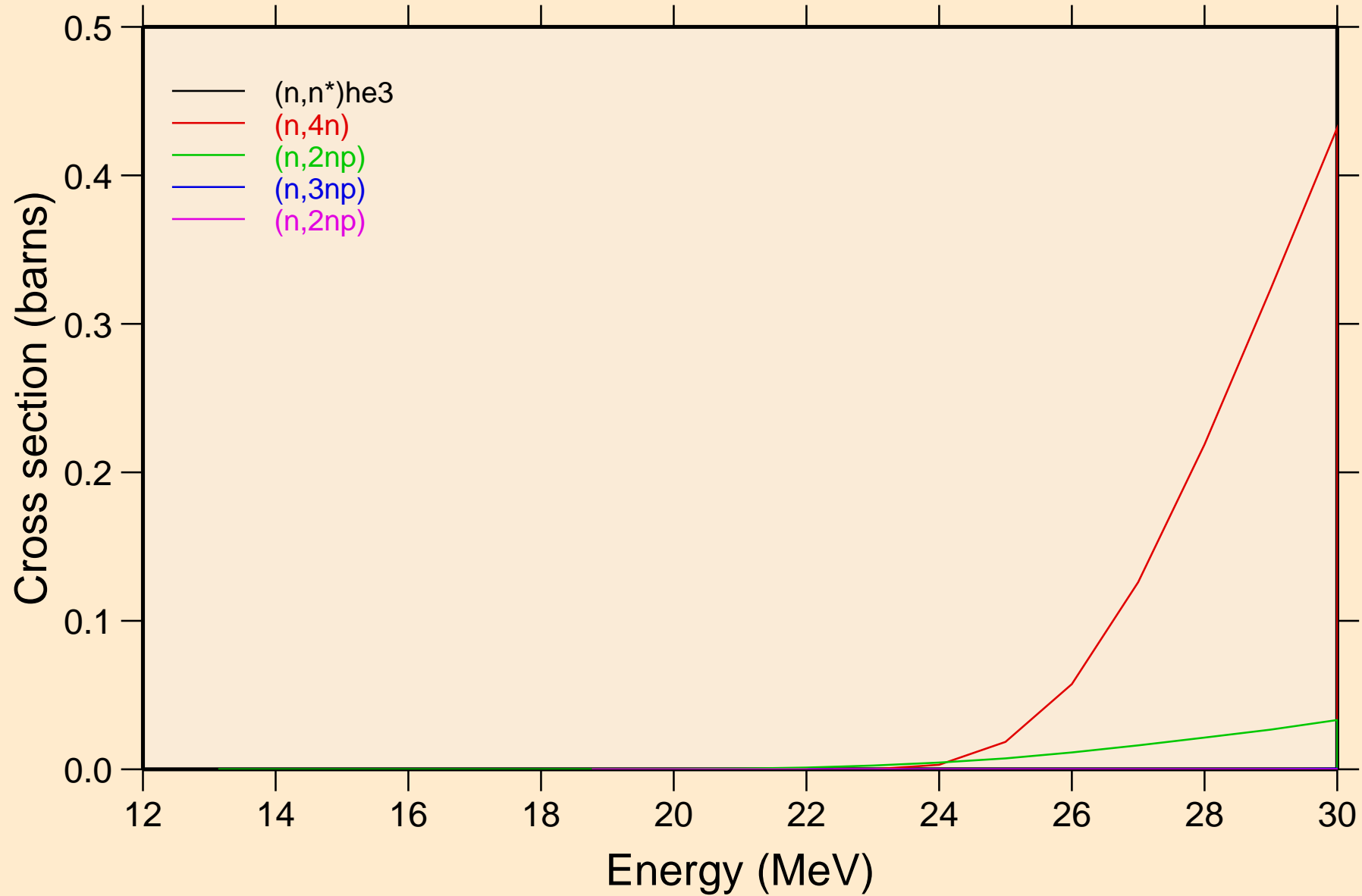


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

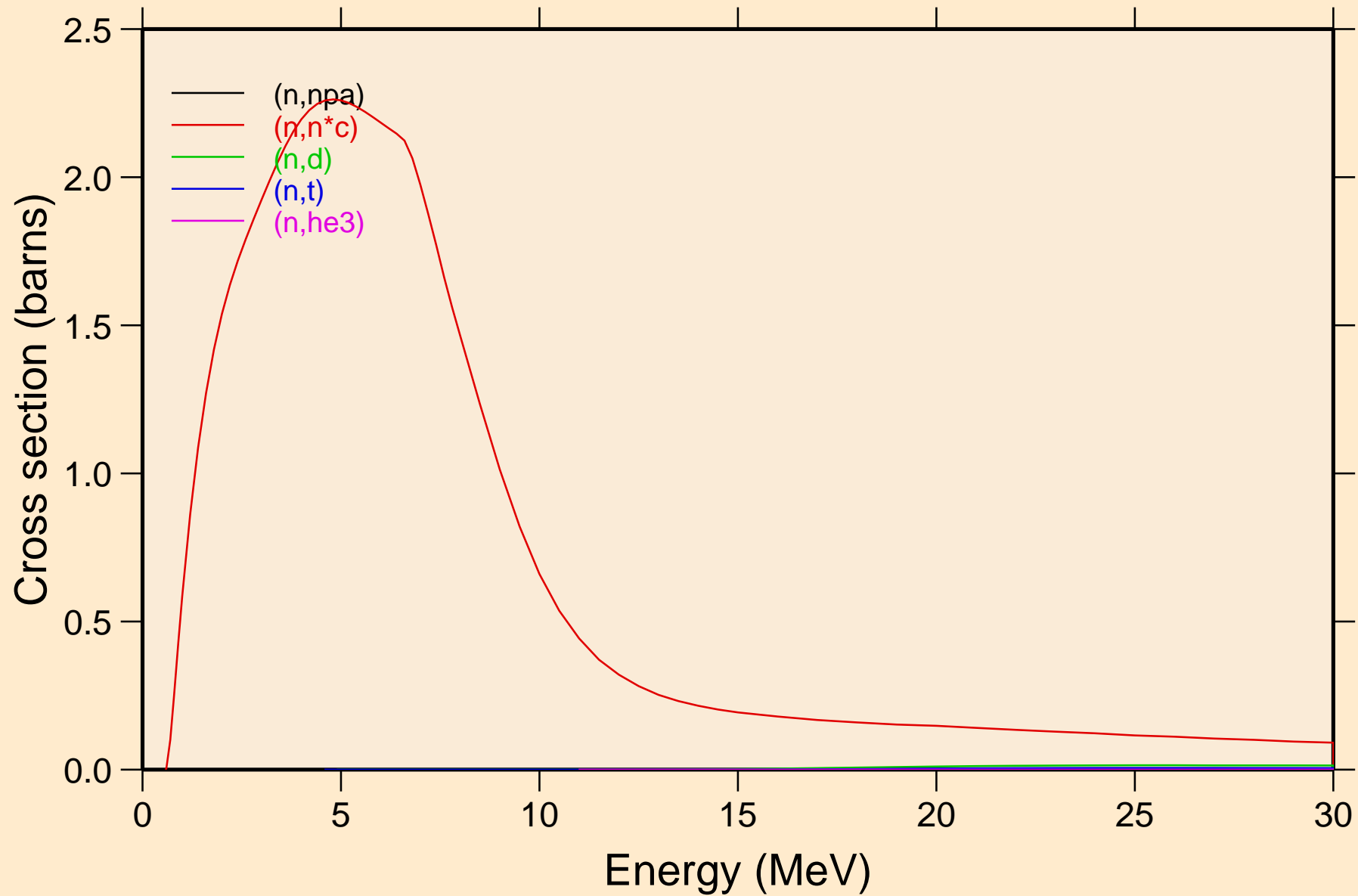
Threshold reactions



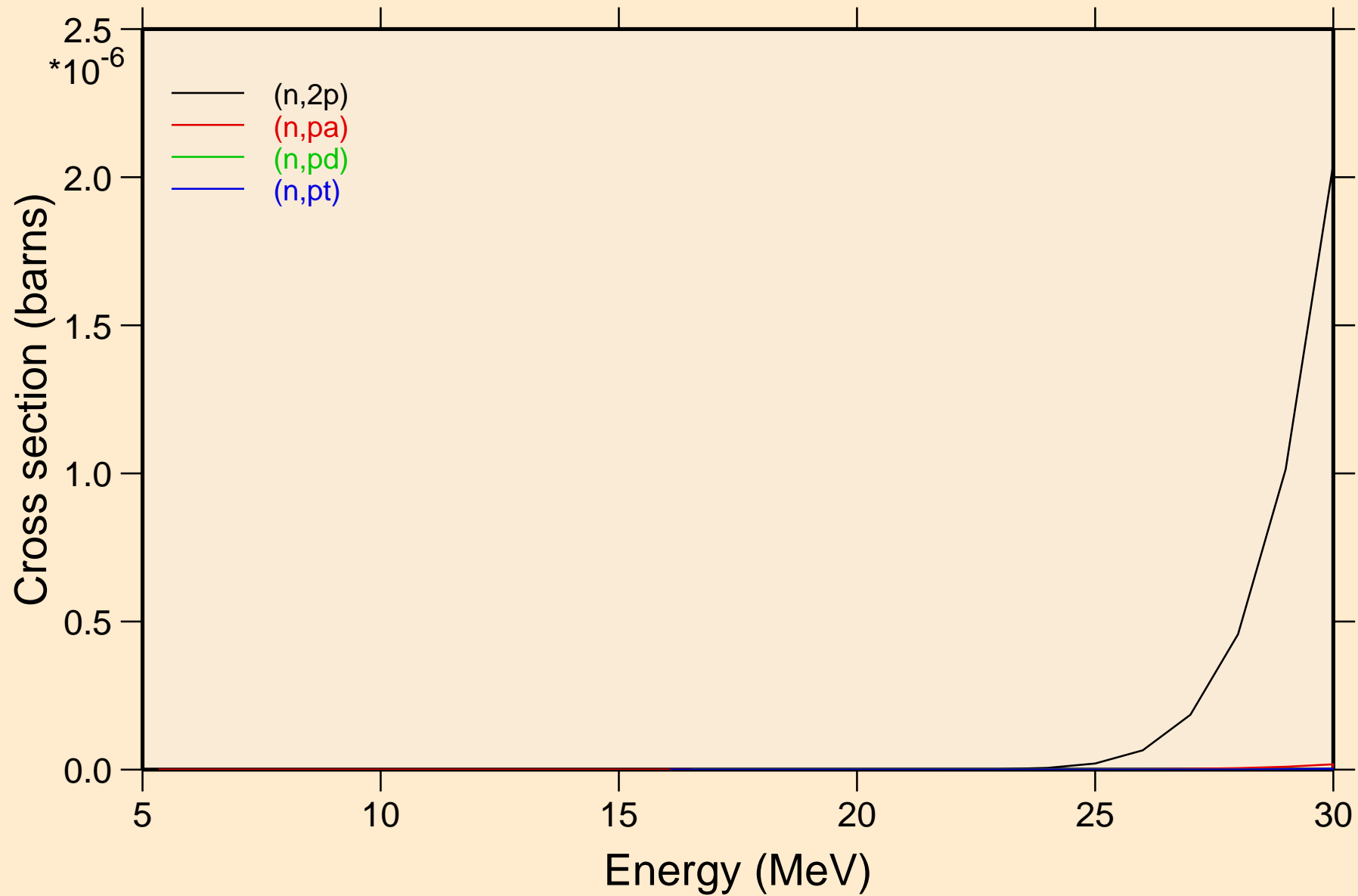
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

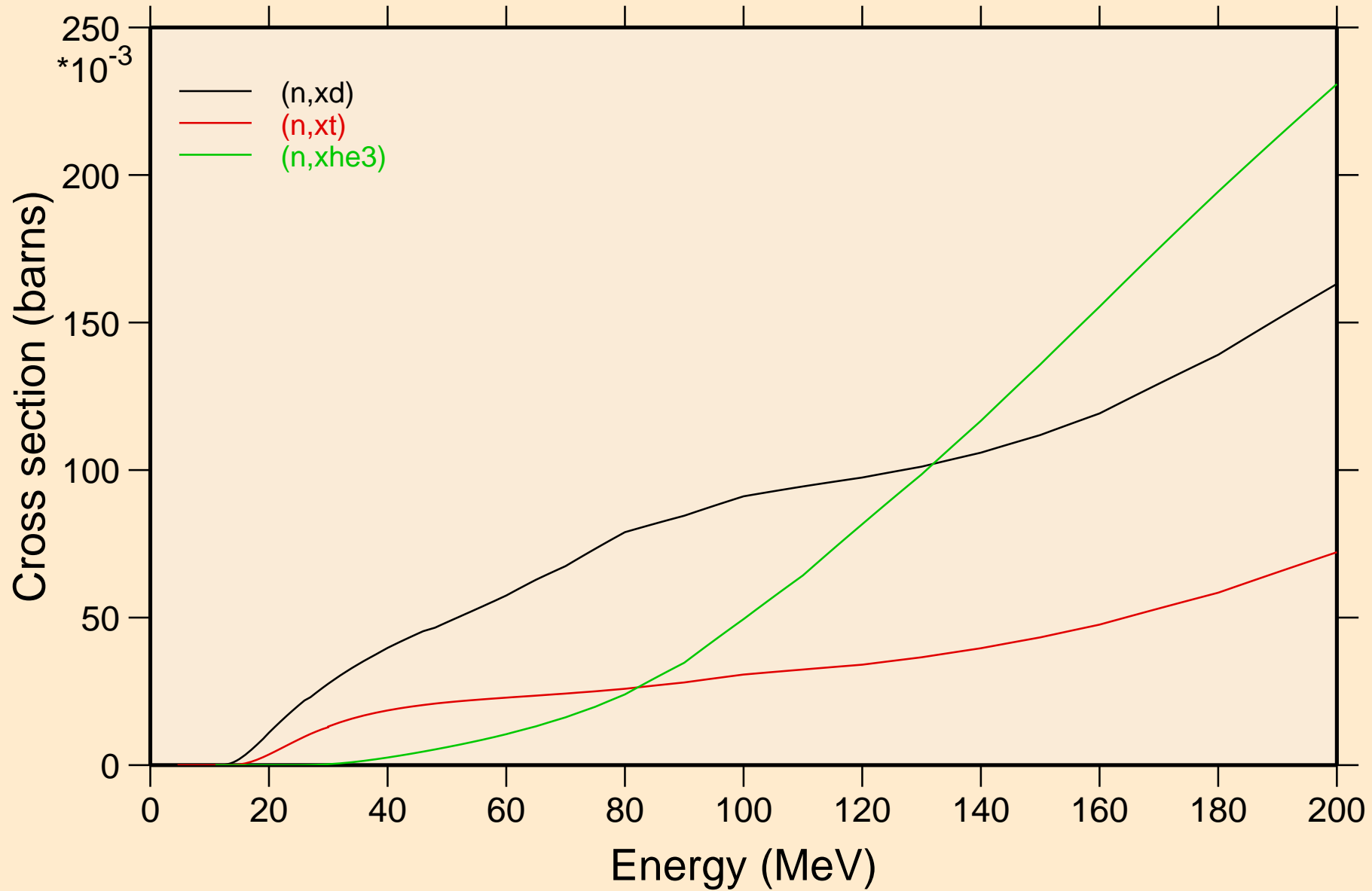


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

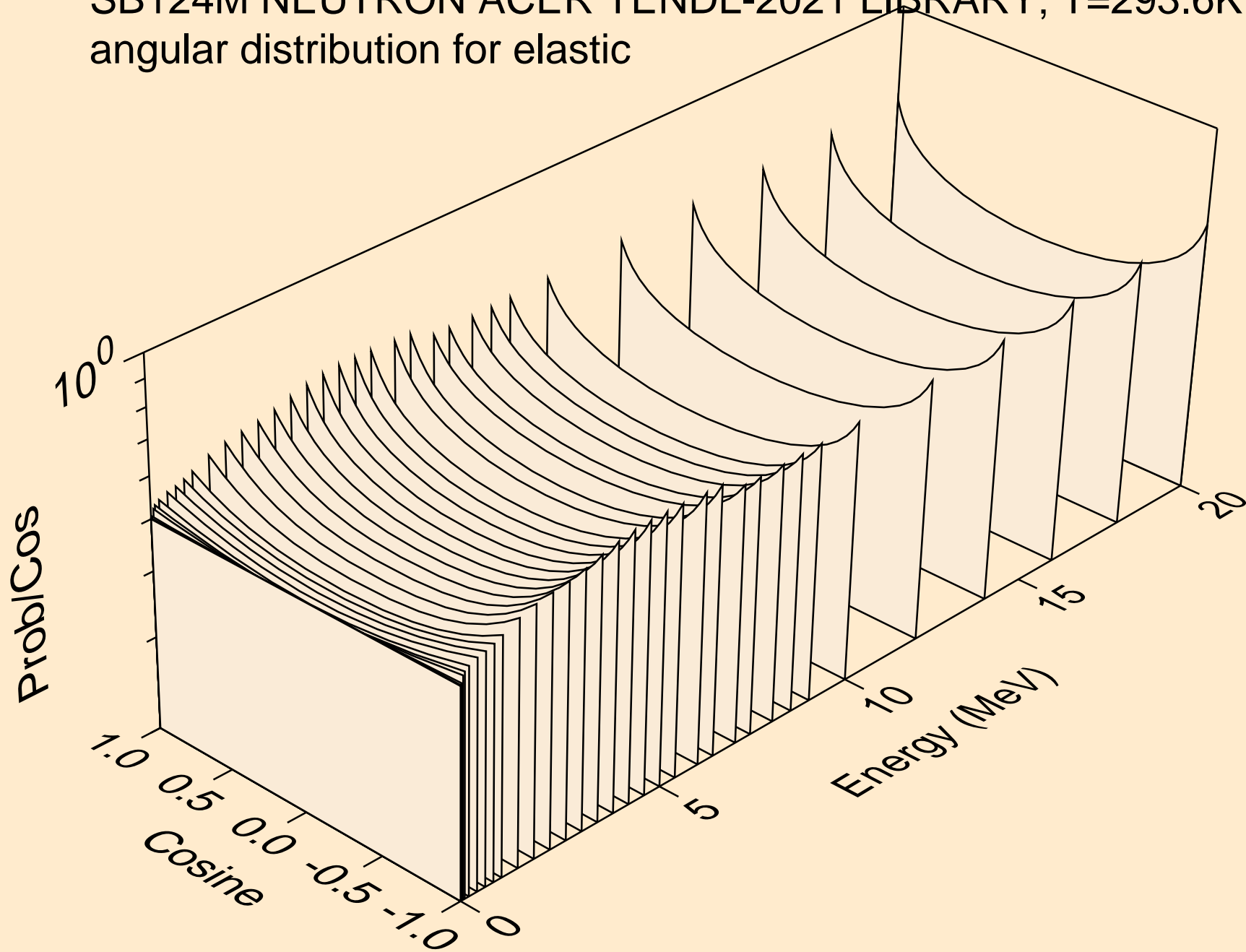


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

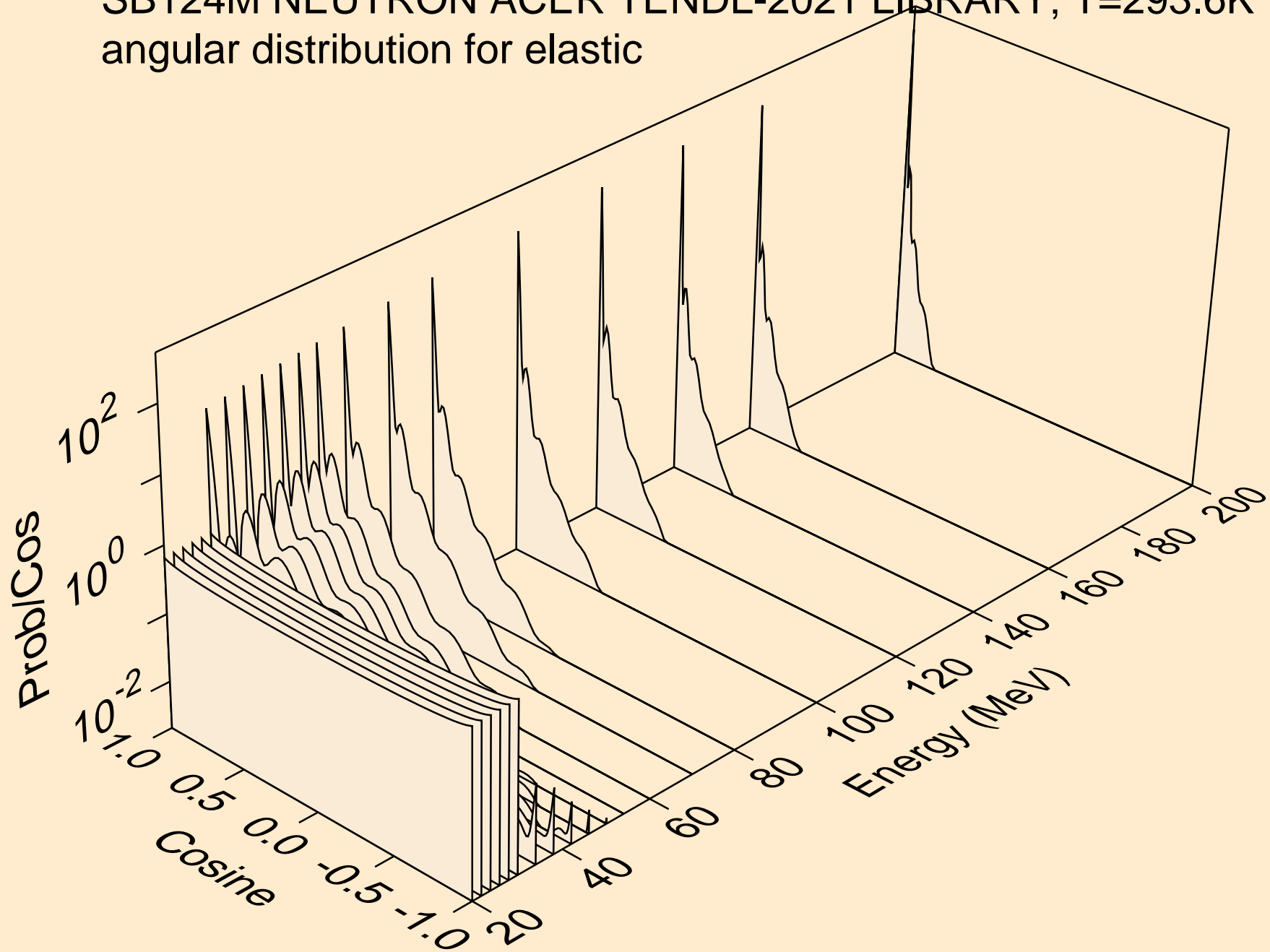
Threshold reactions



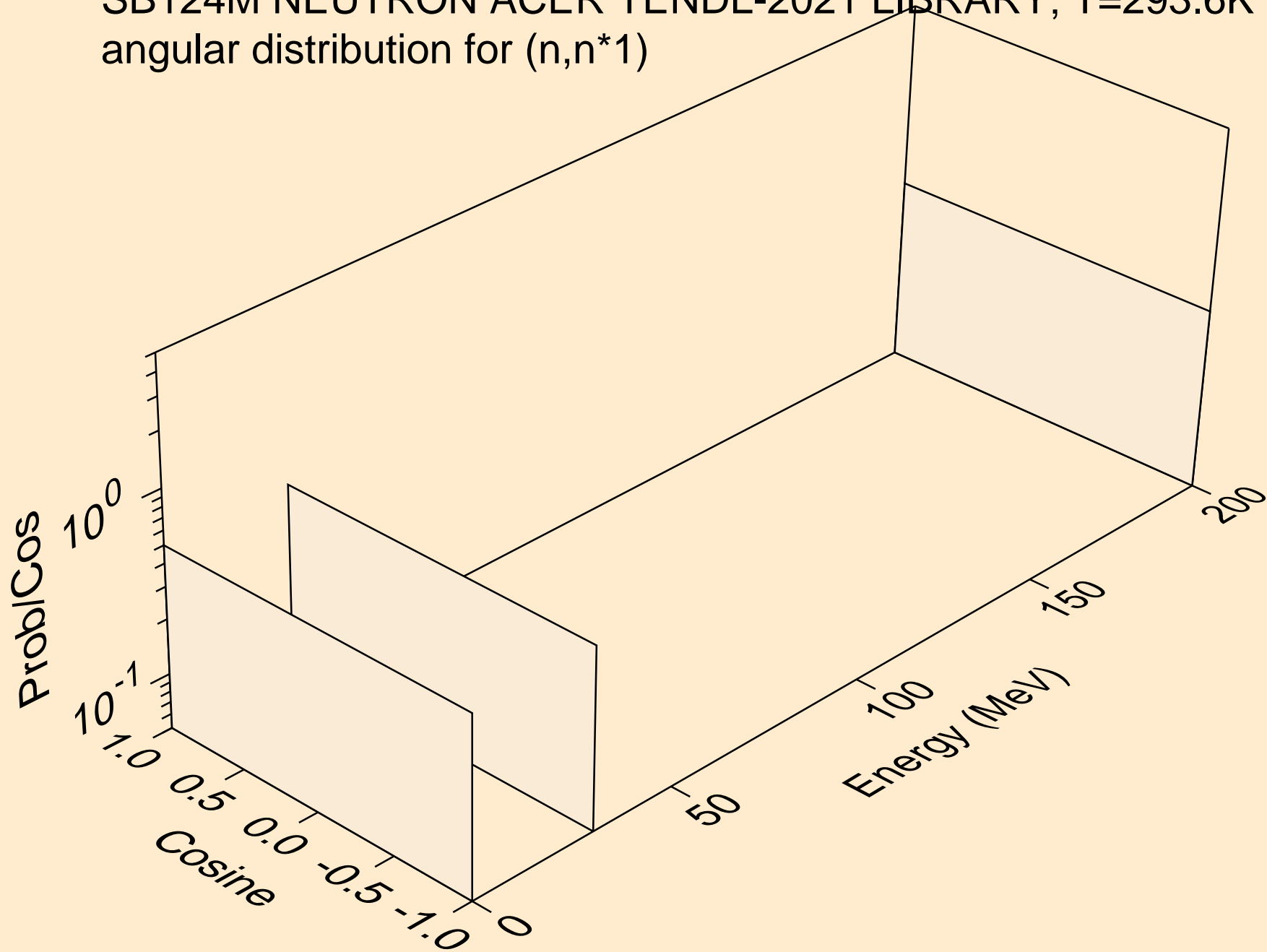
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



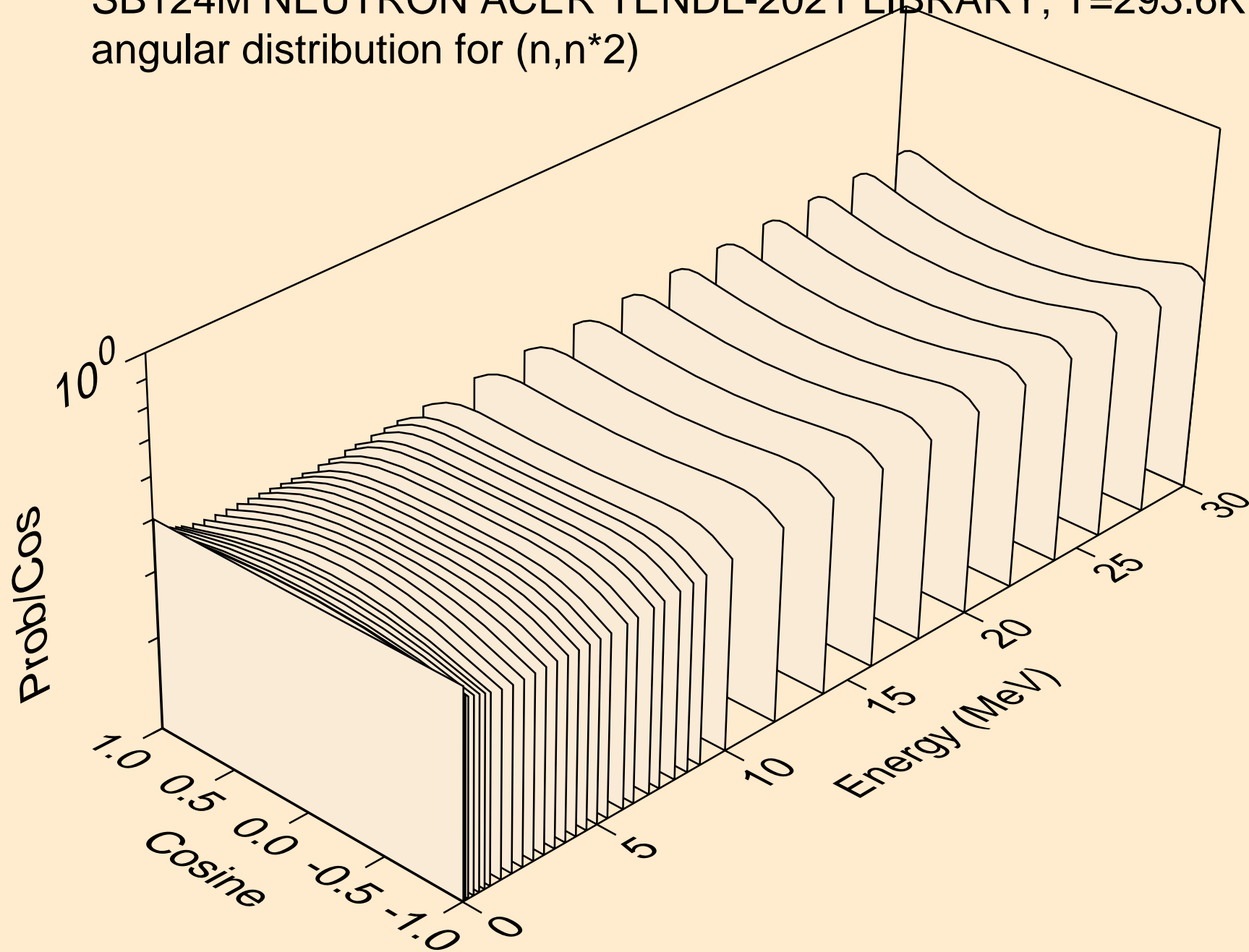
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



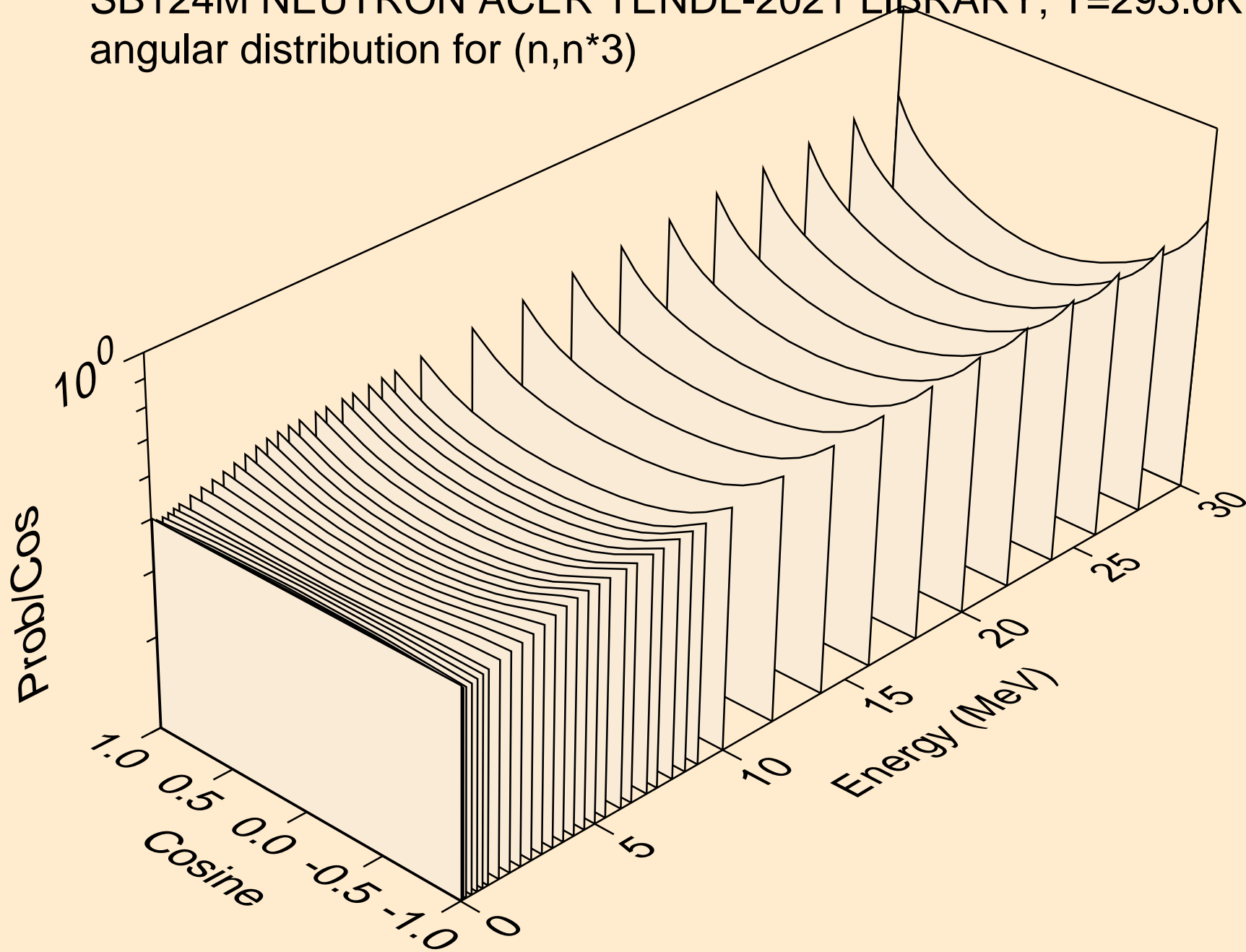
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*1)



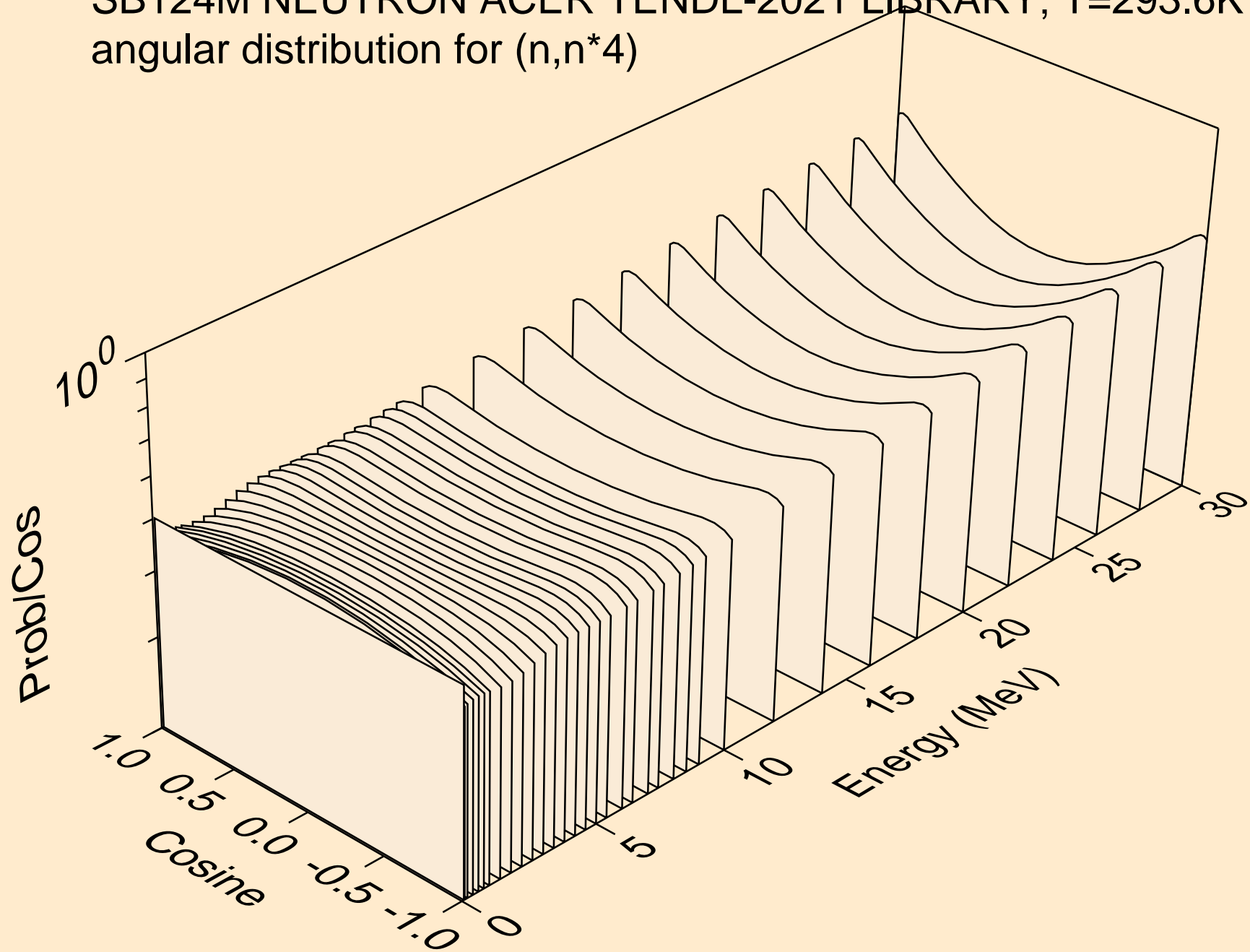
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*2)



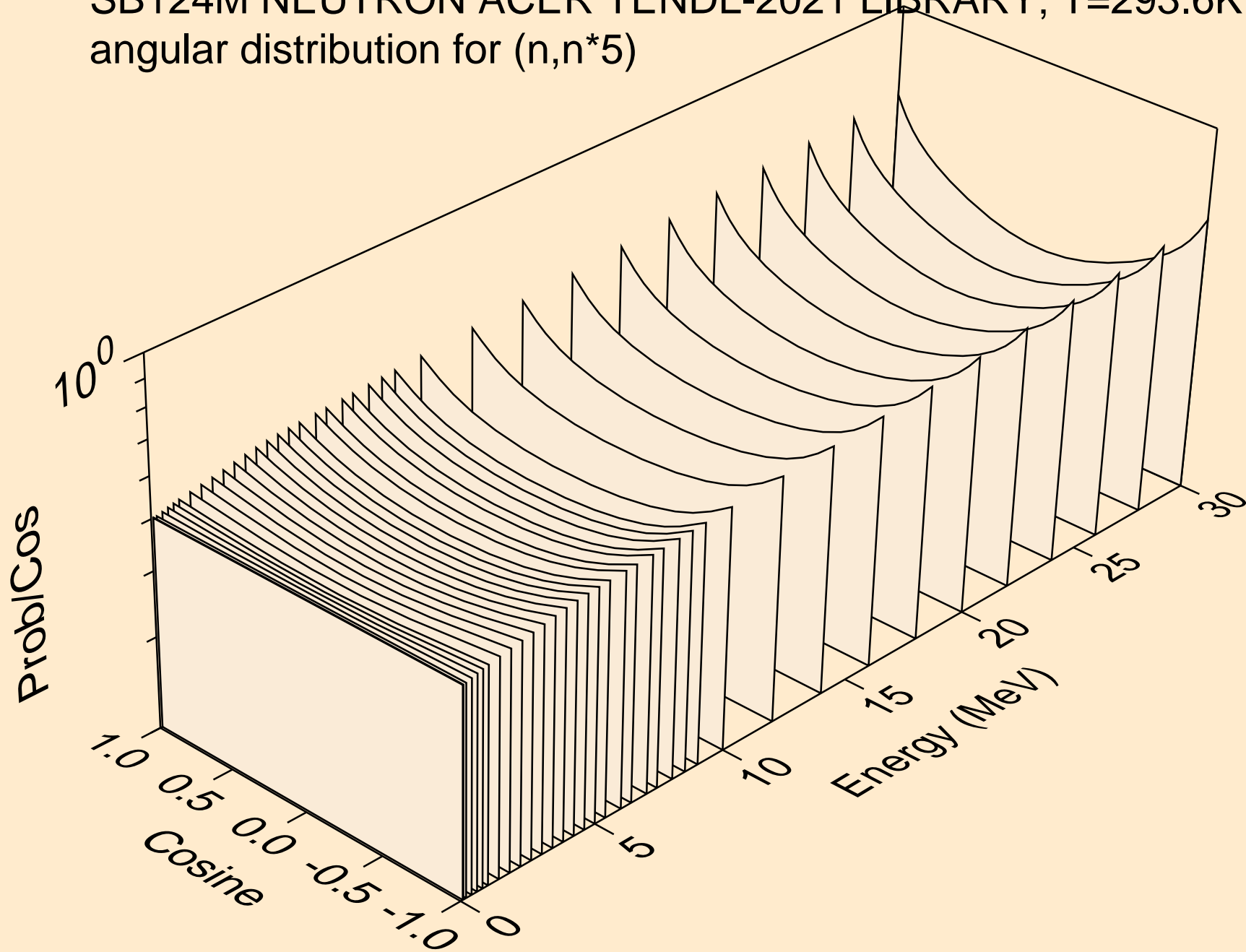
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*3)



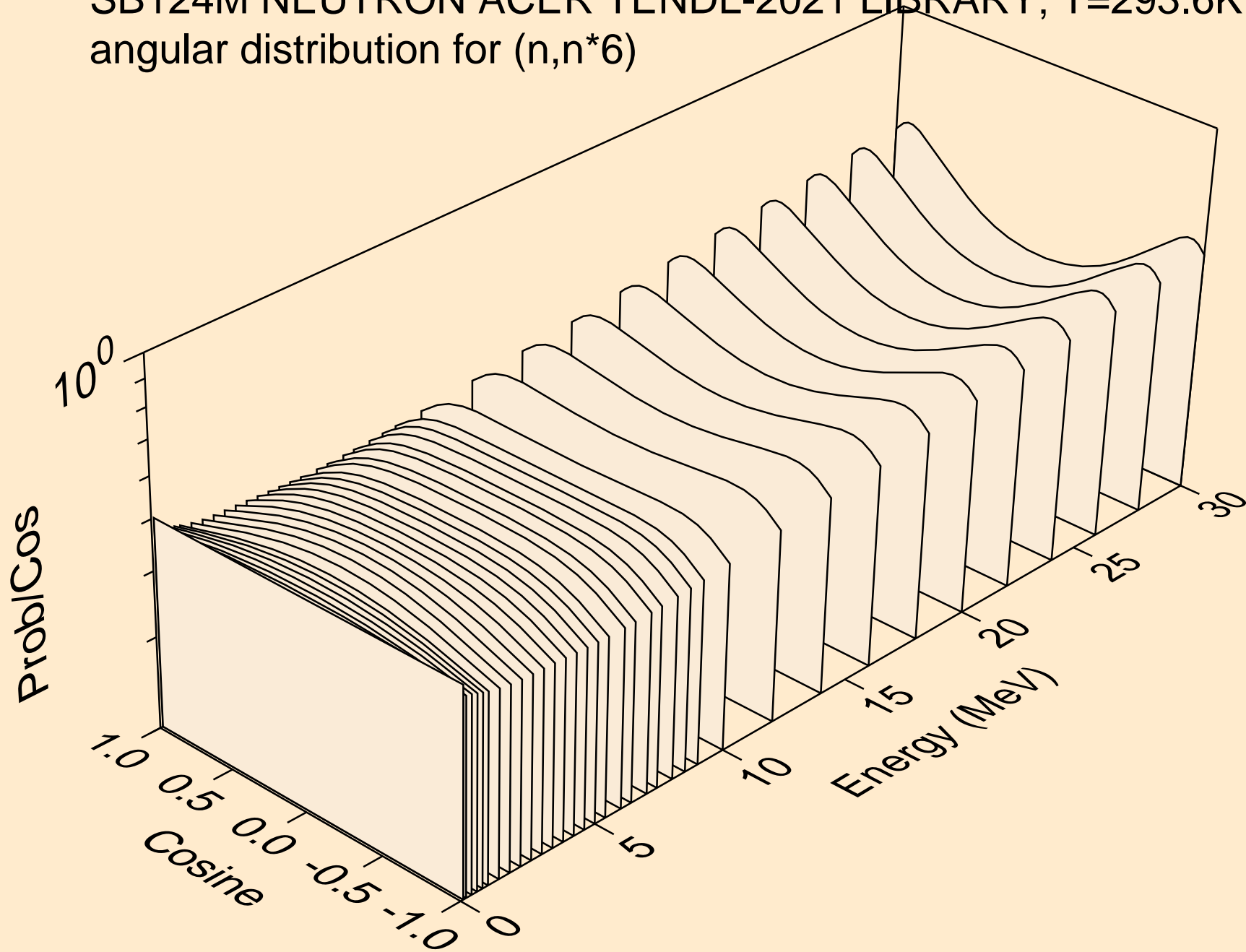
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*4)



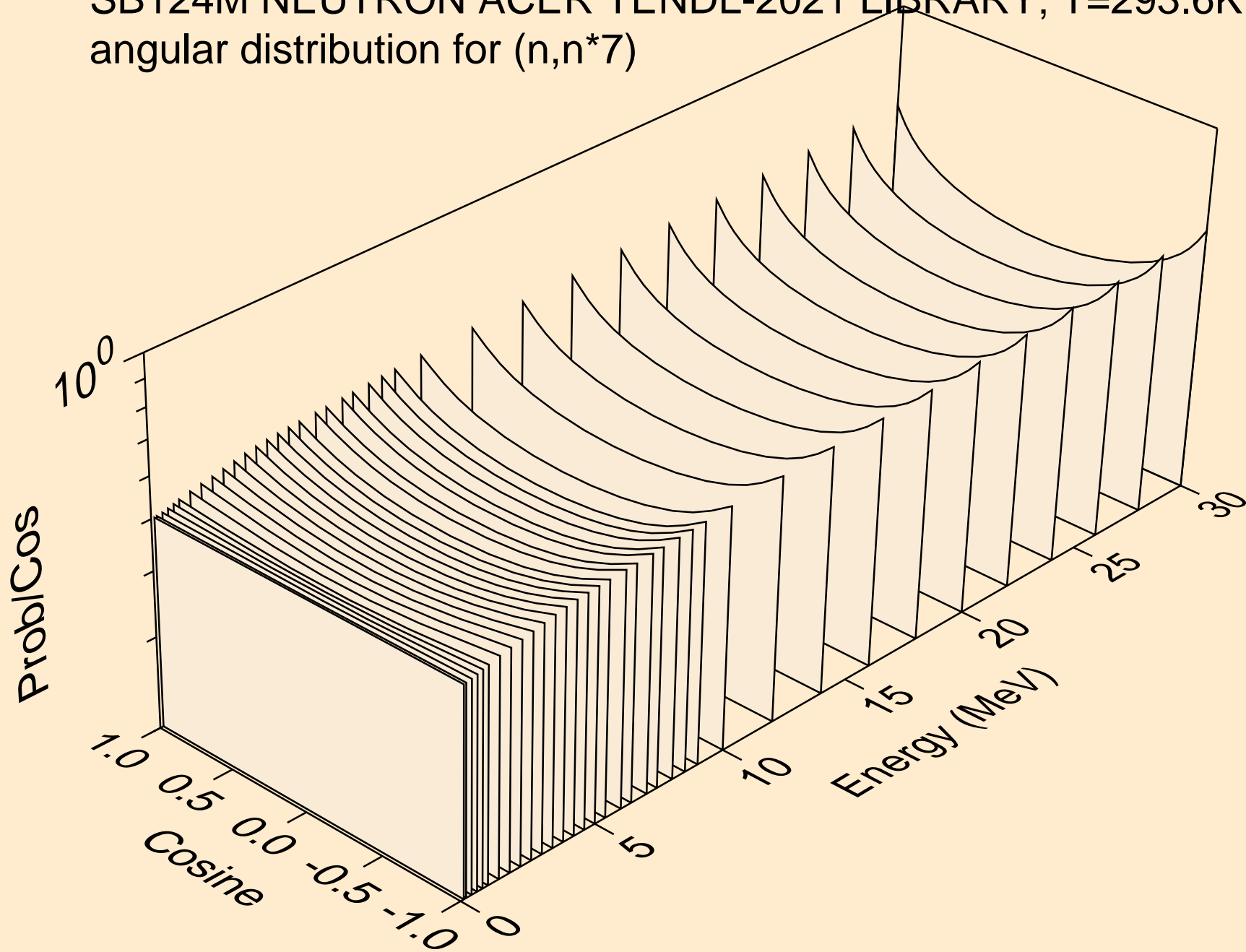
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*5)



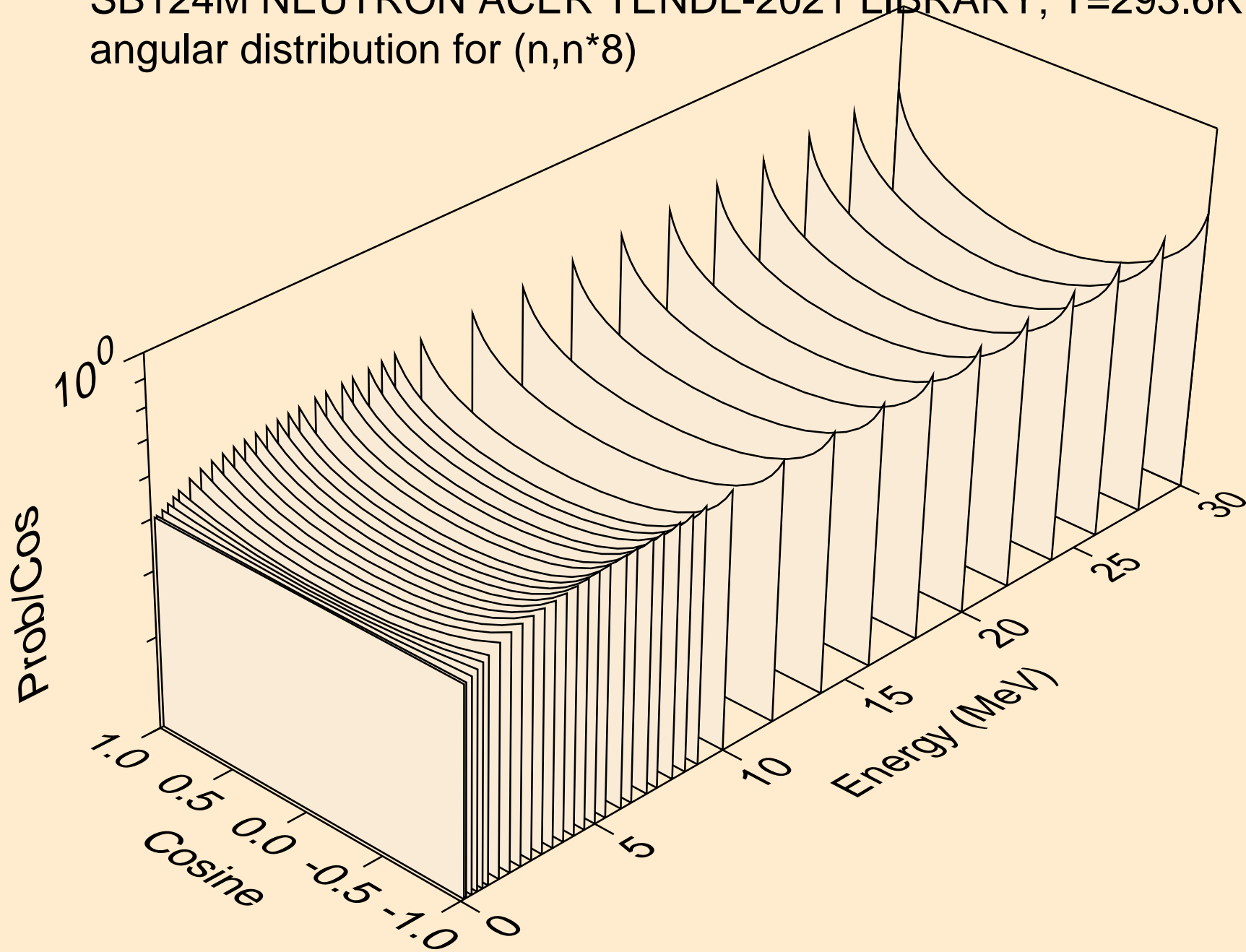
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*6)



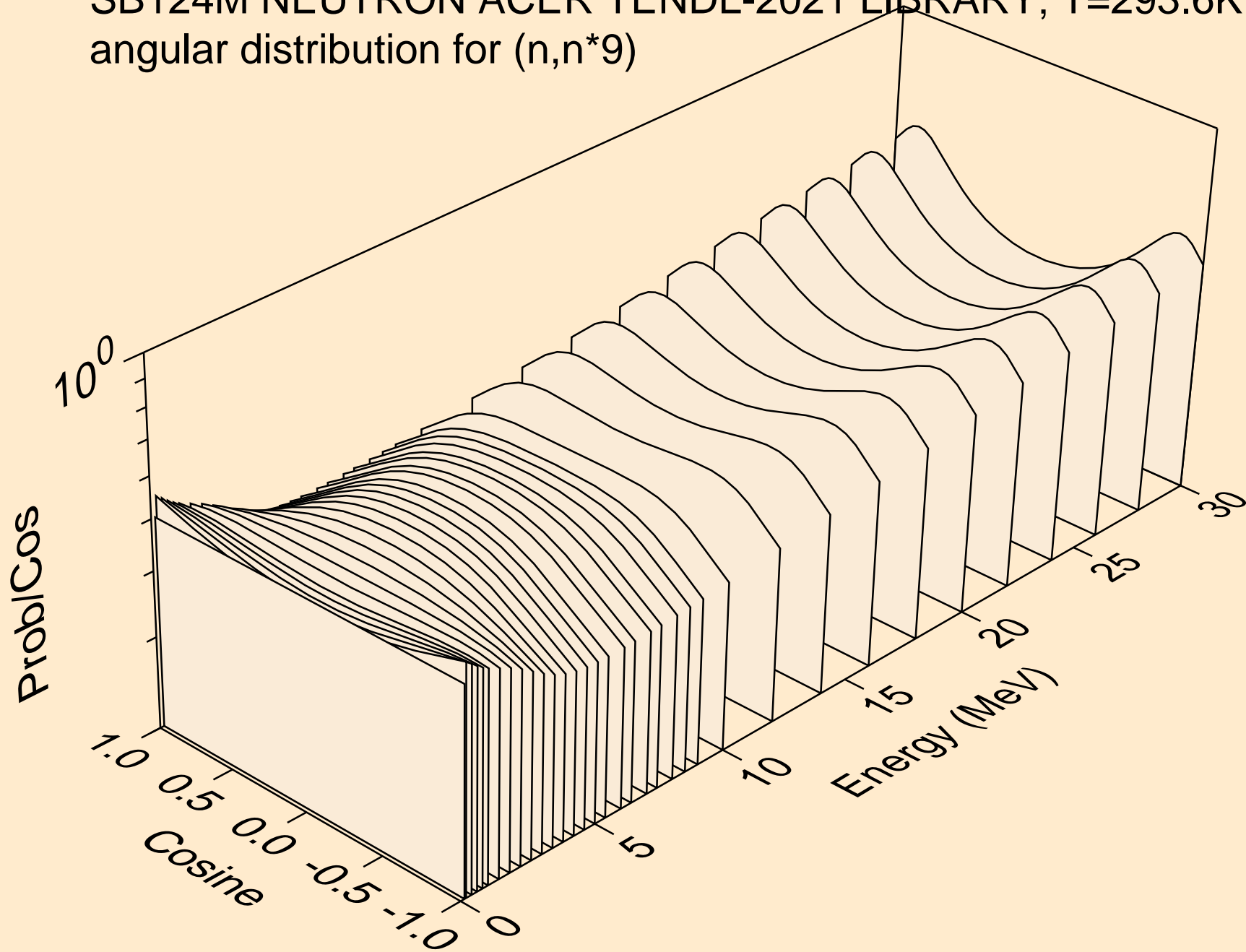
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*7)



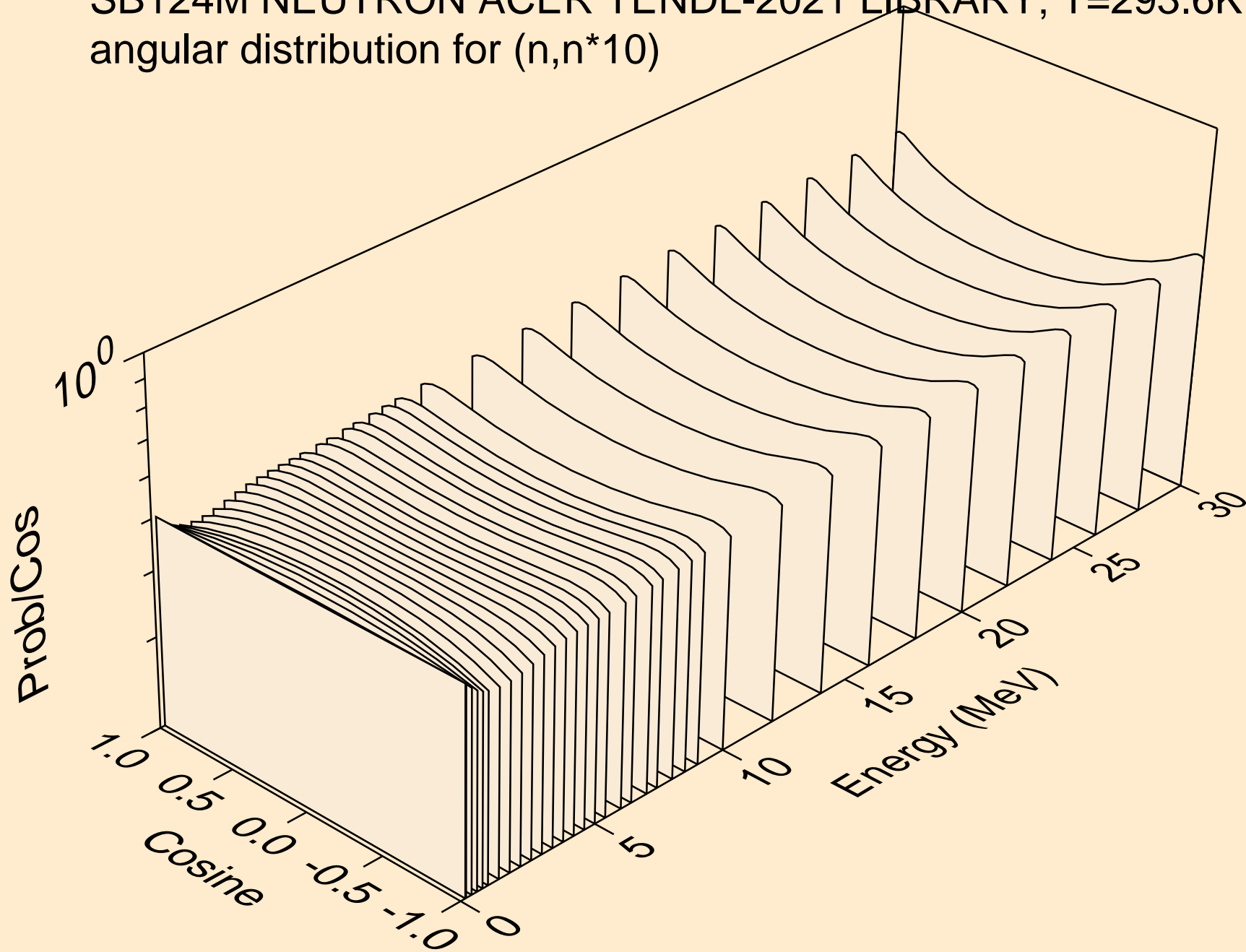
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*8)



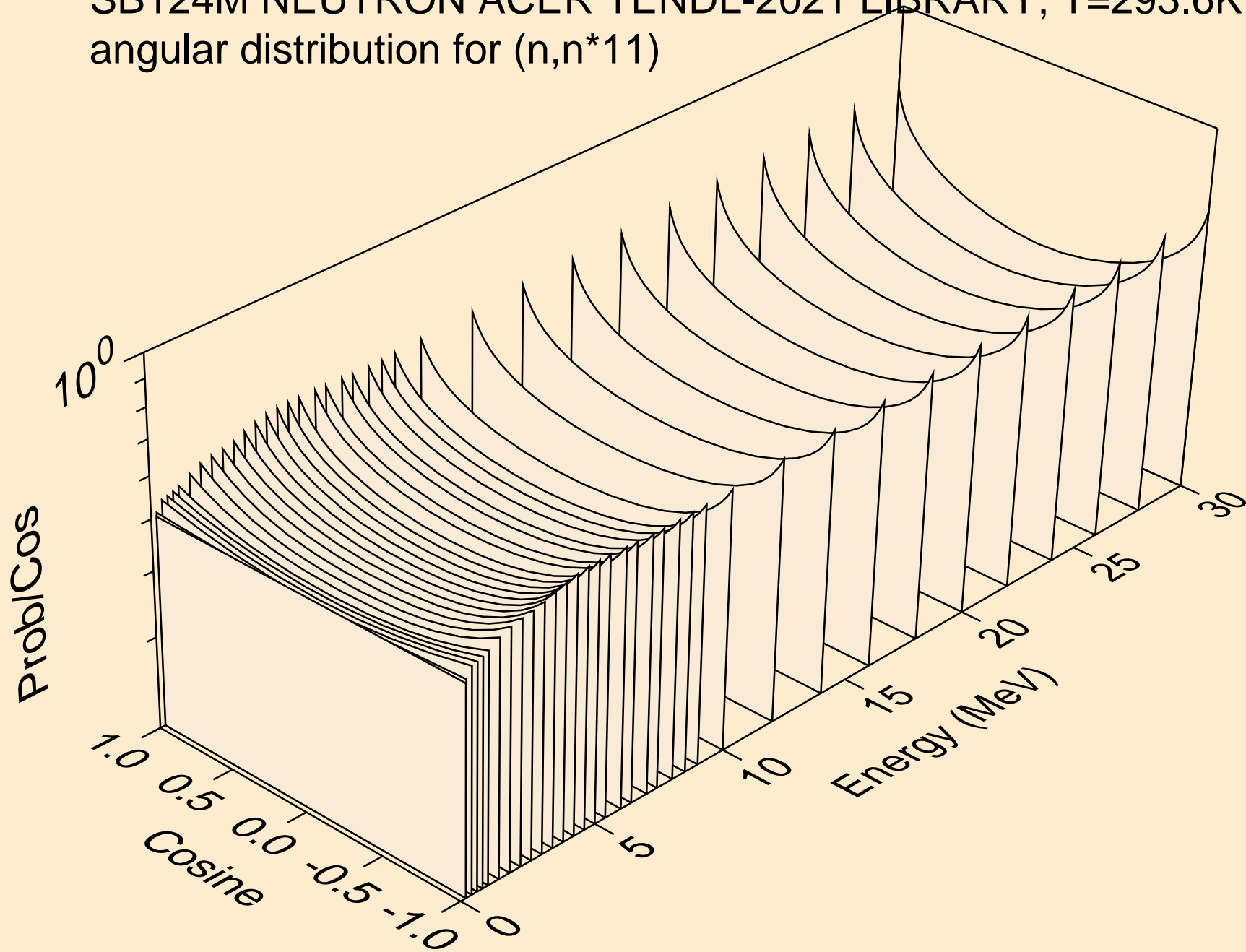
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*9)



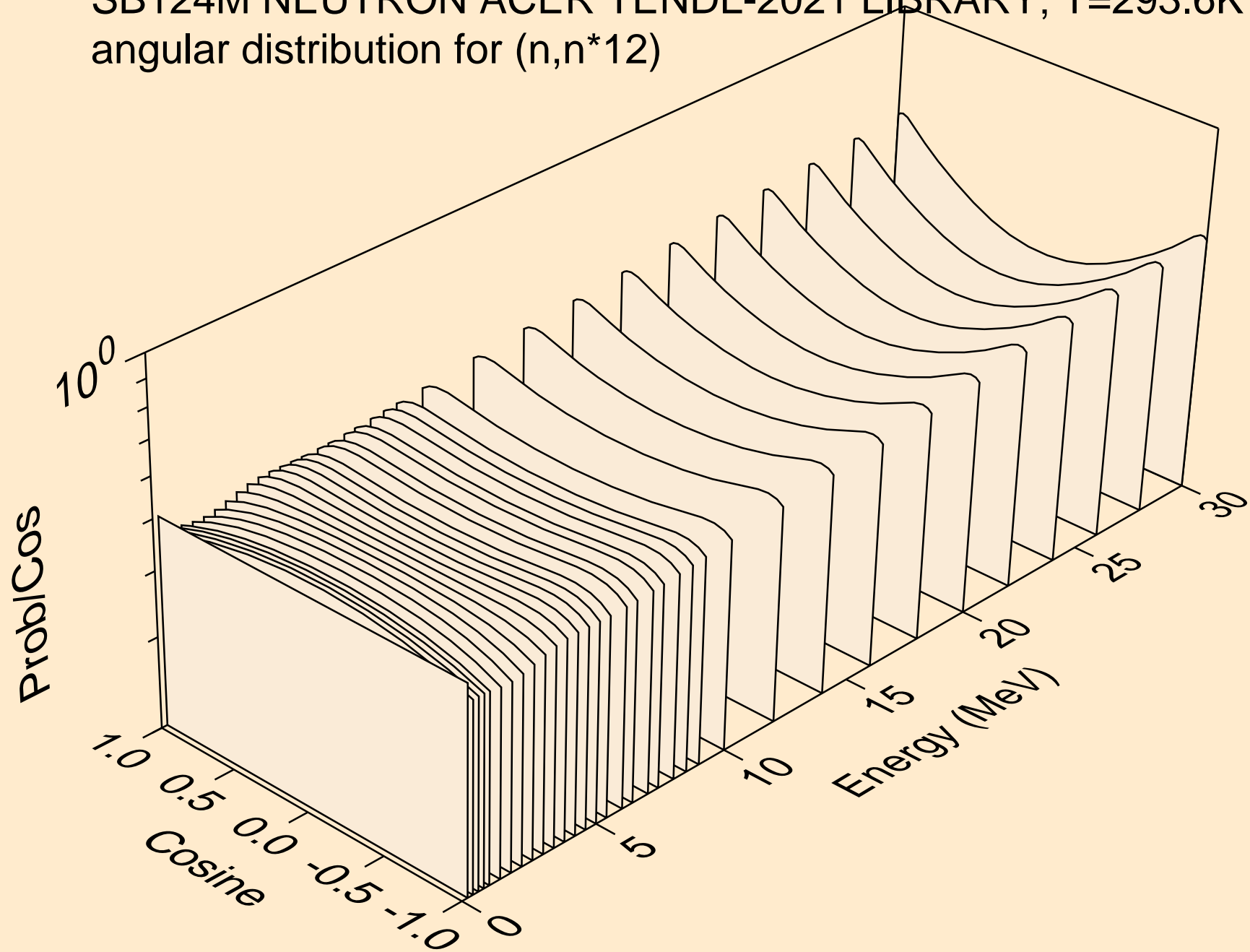
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*10)



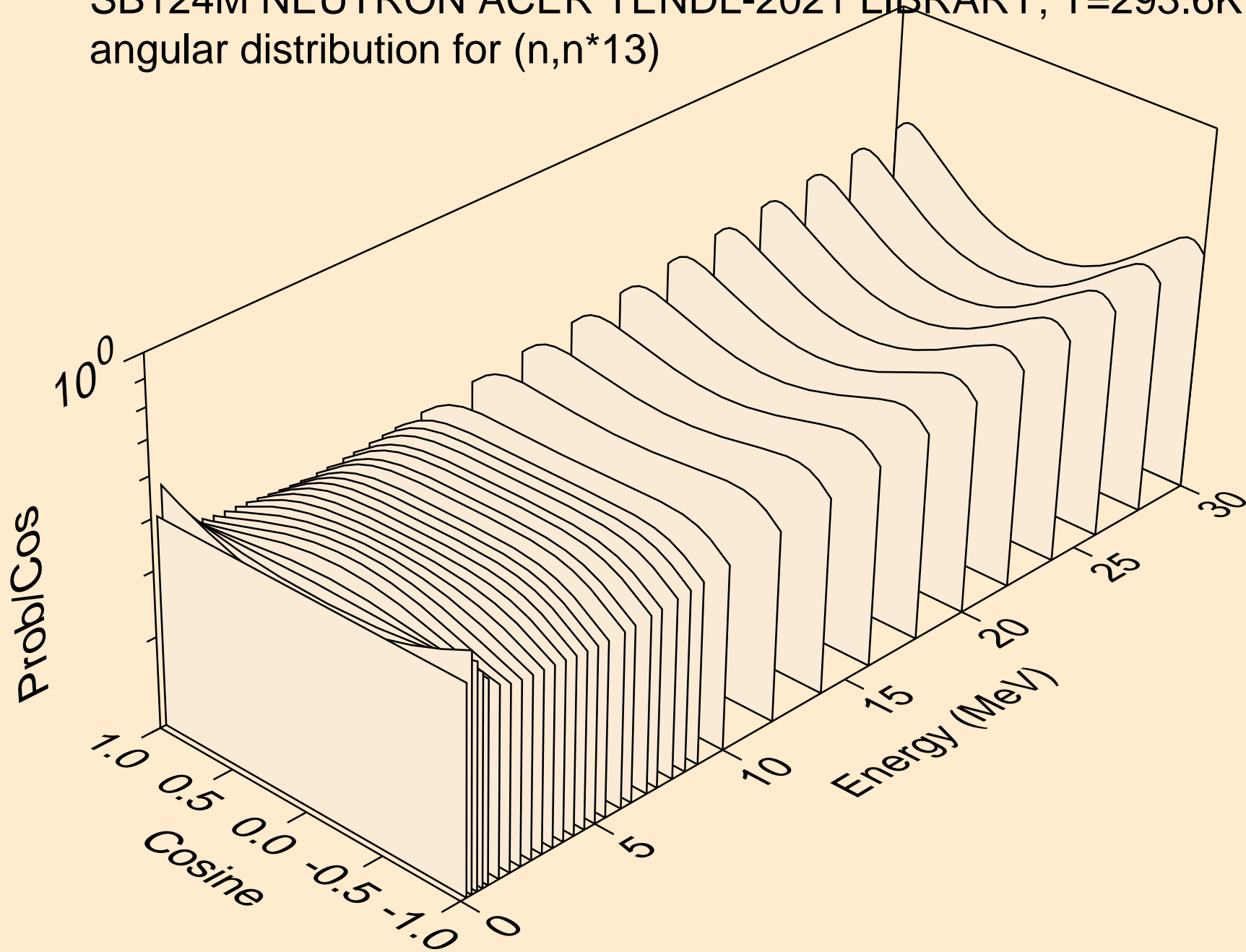
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*11)



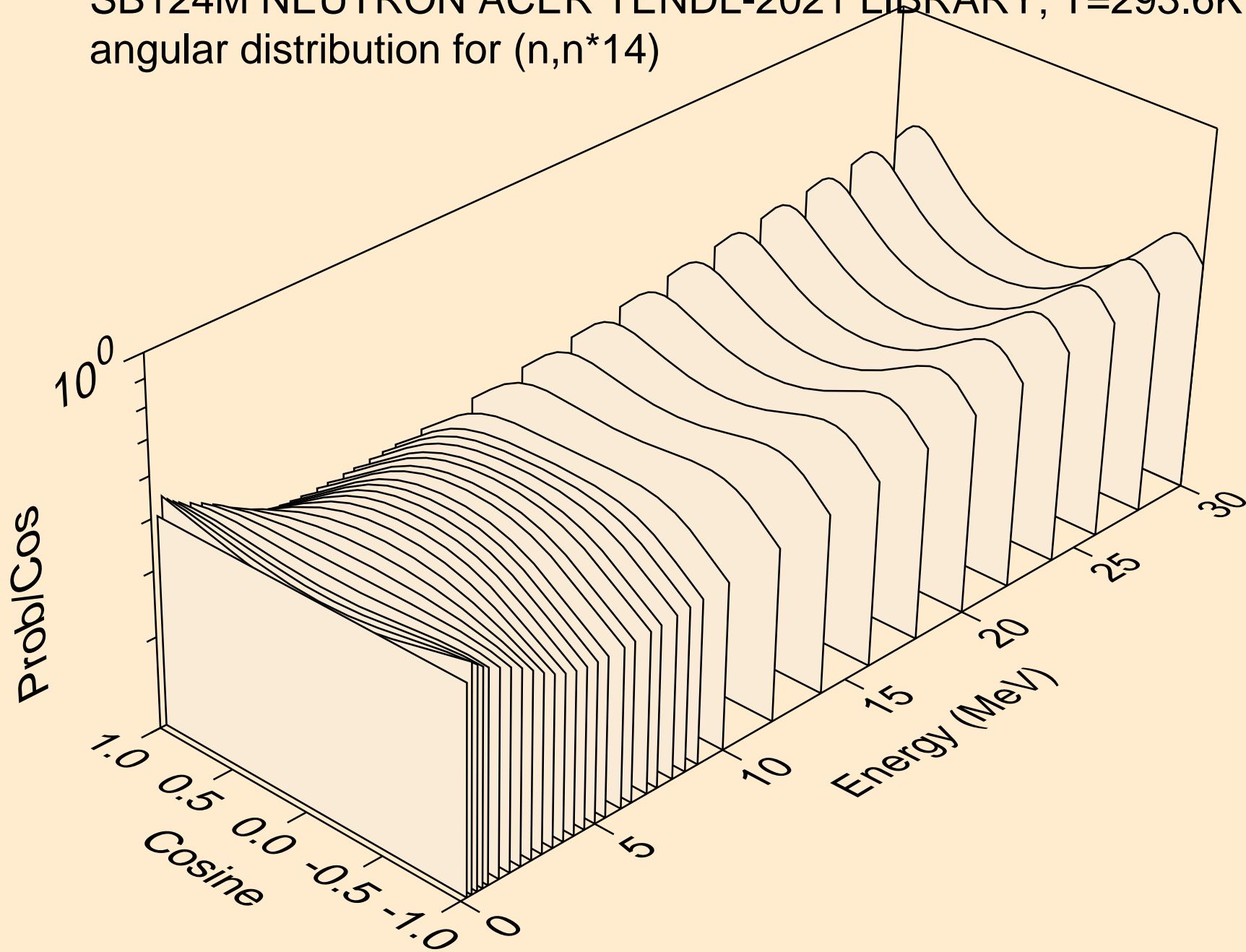
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*12)



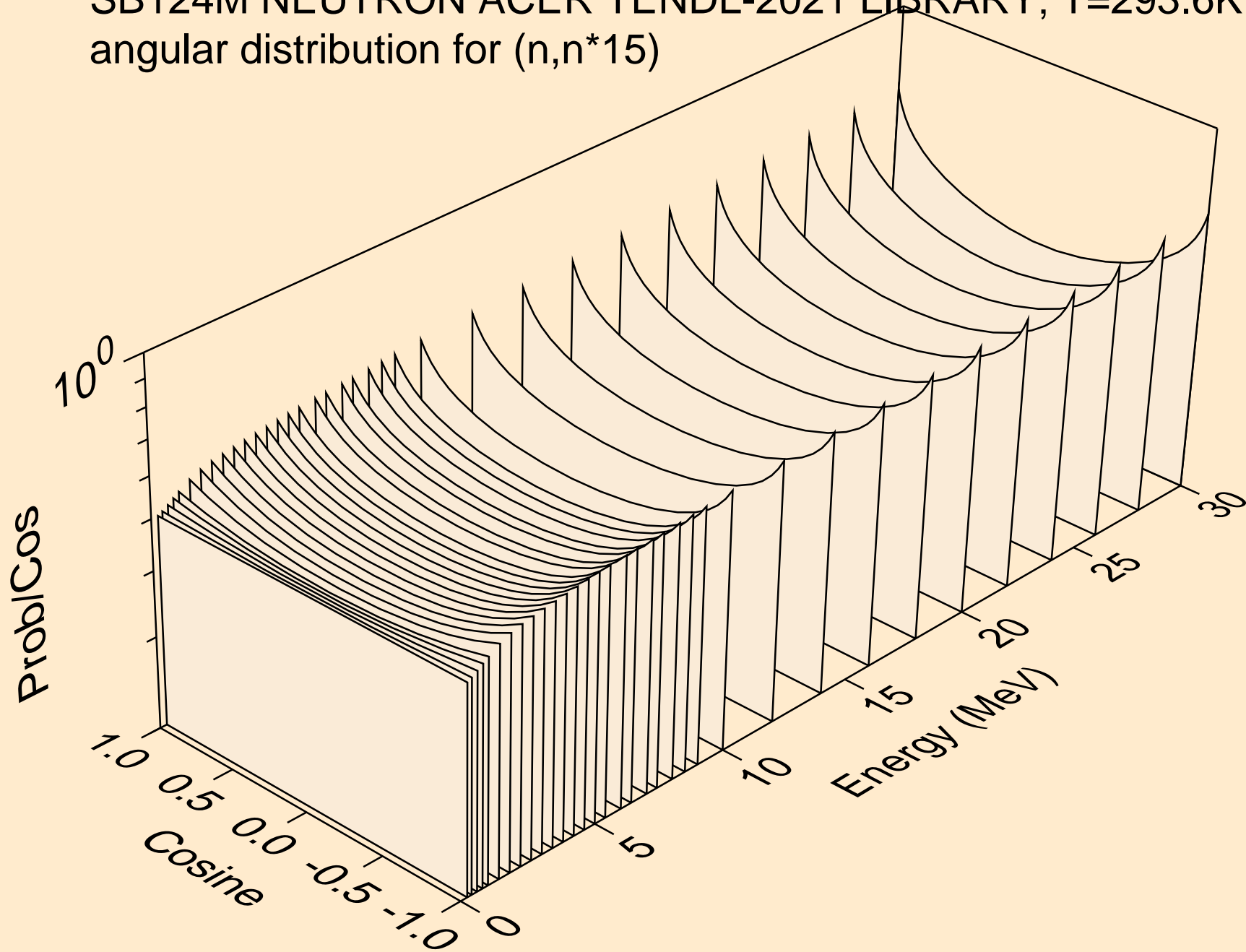
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*13)



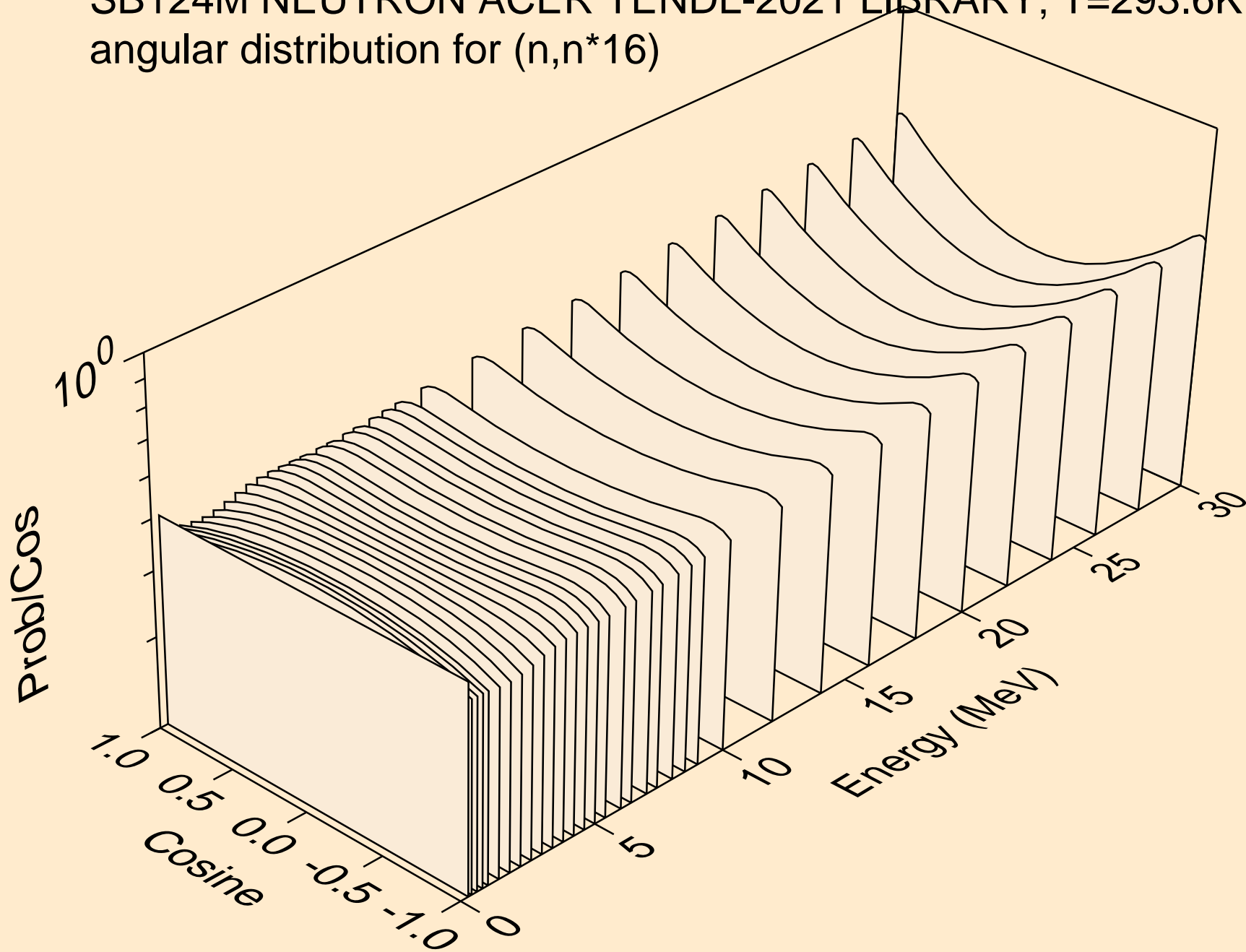
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*14)



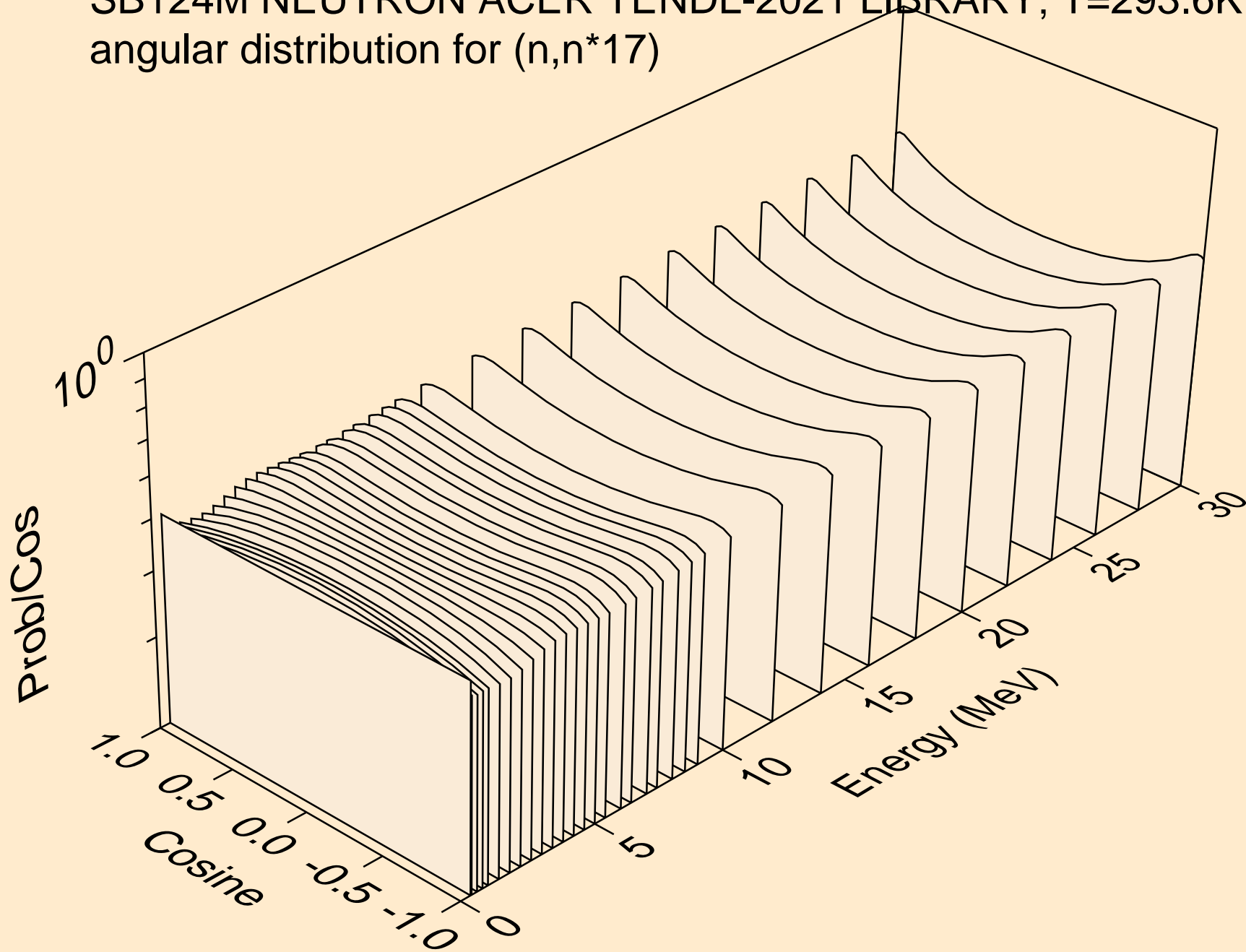
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*15)



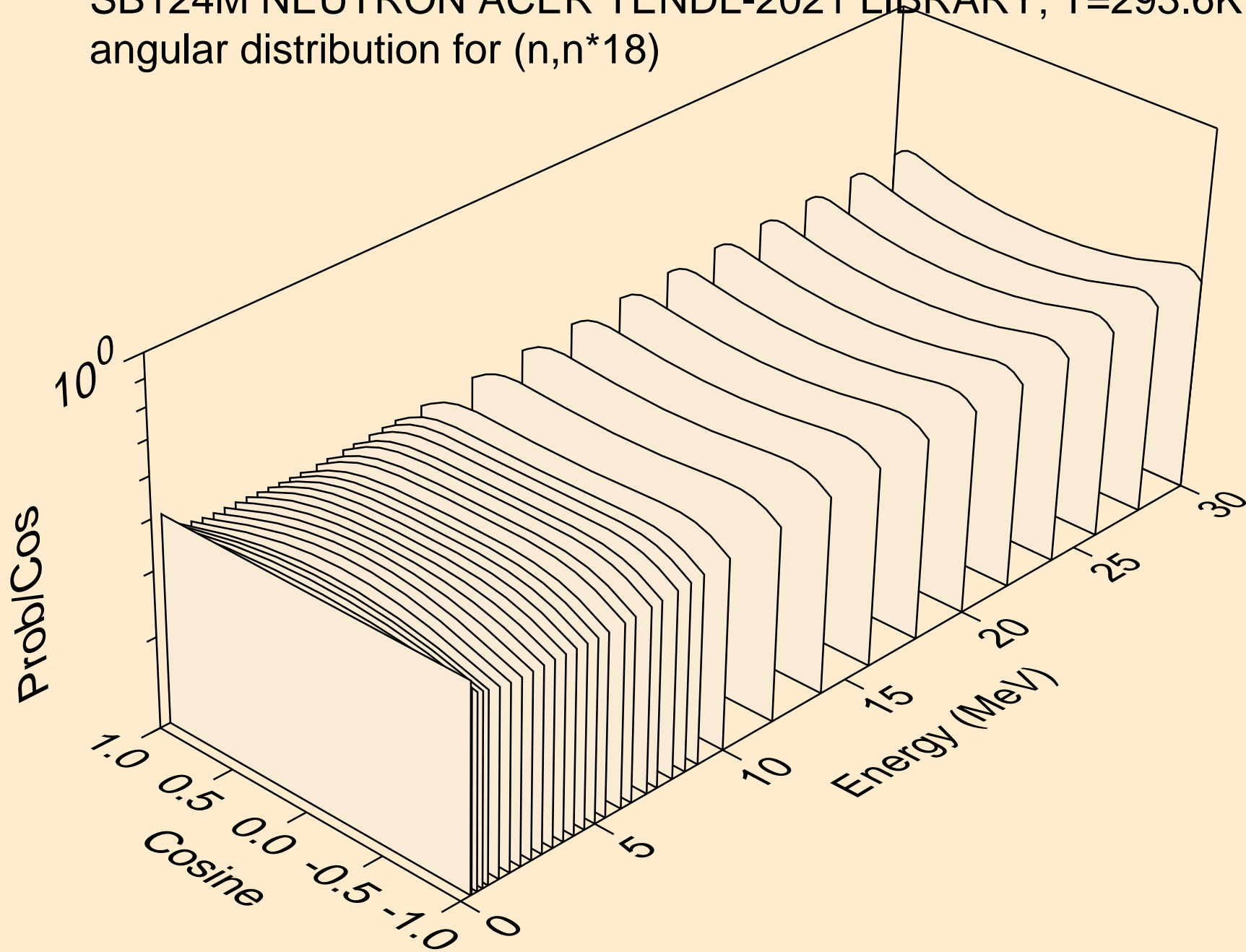
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*16)



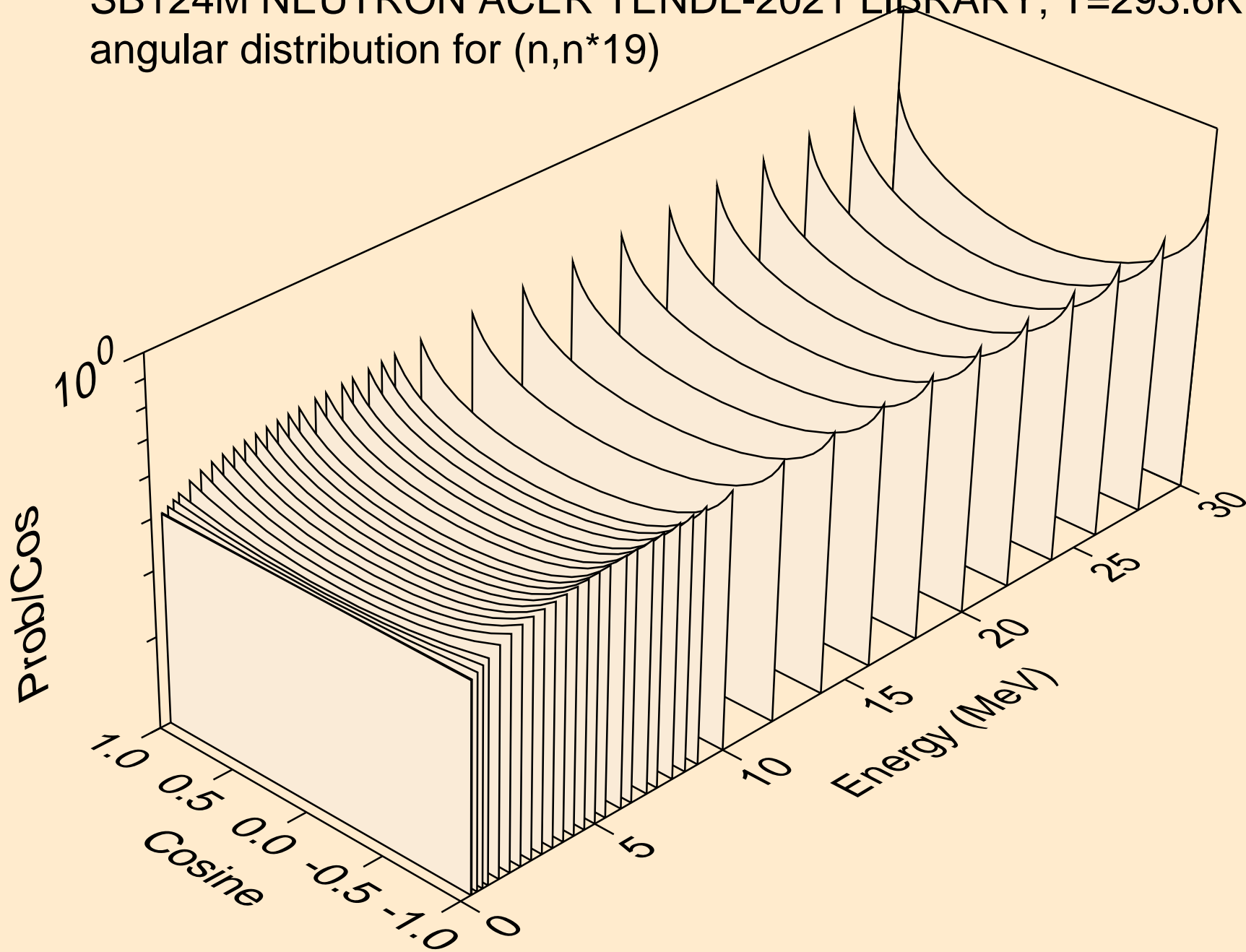
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*17)



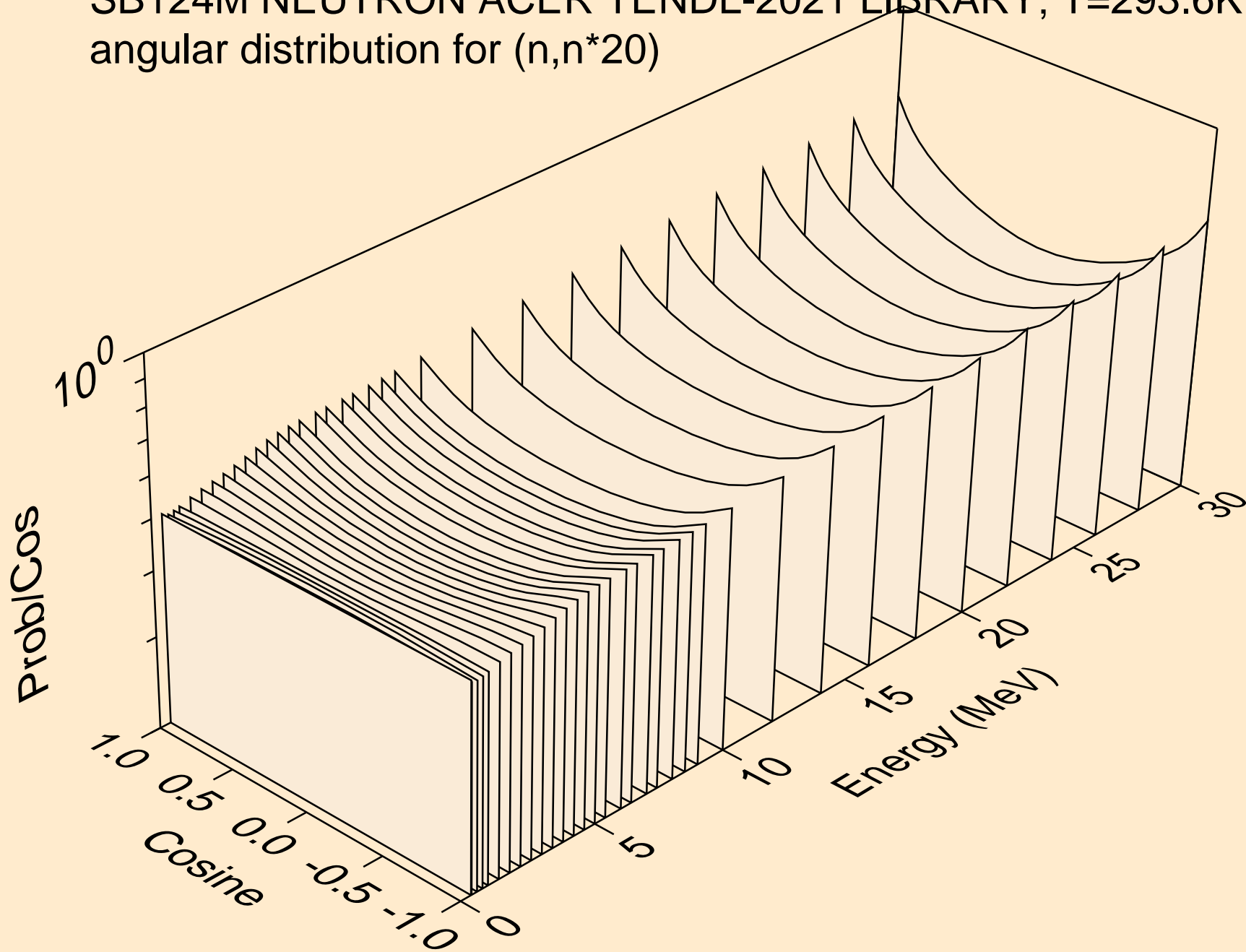
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*18)



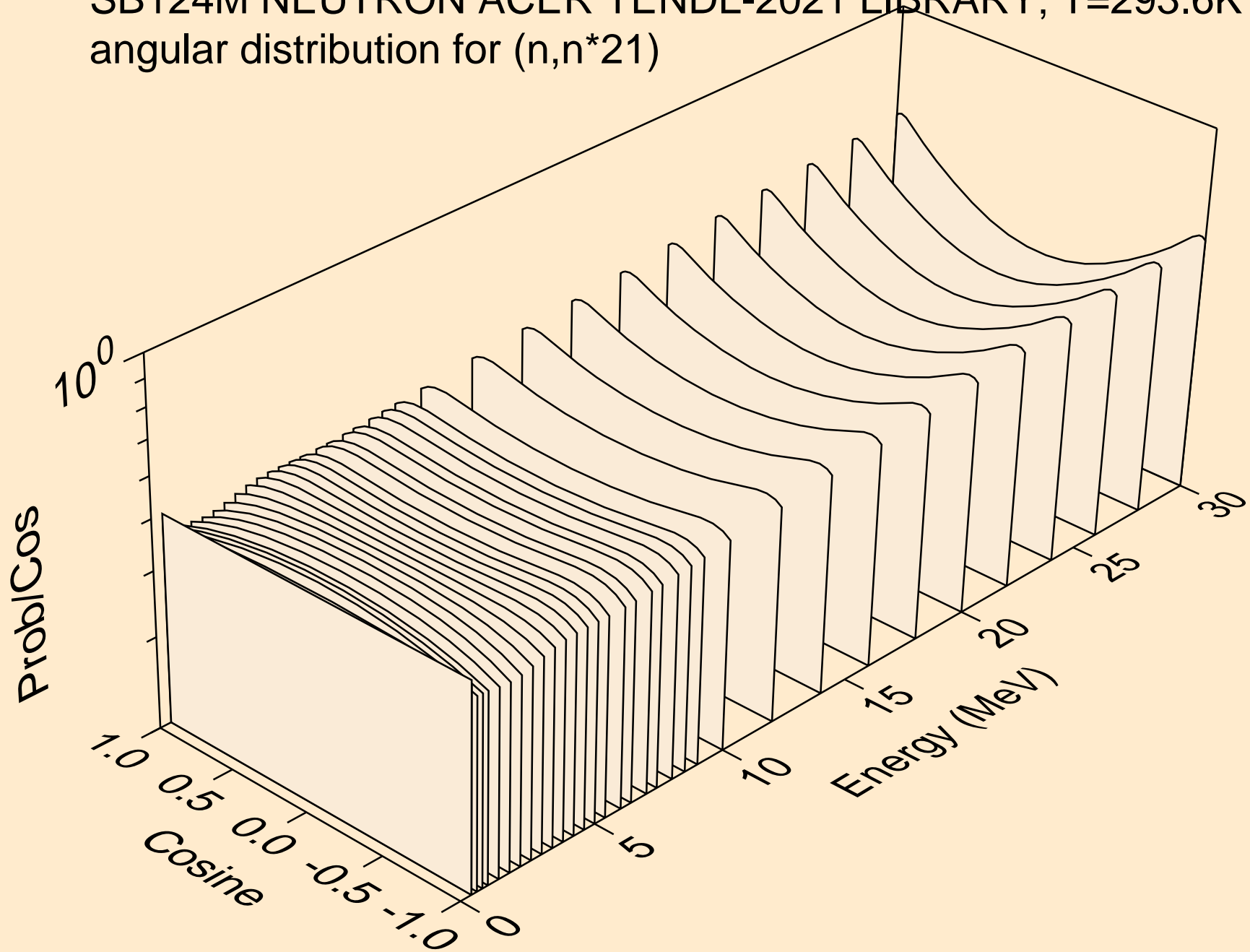
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*19)



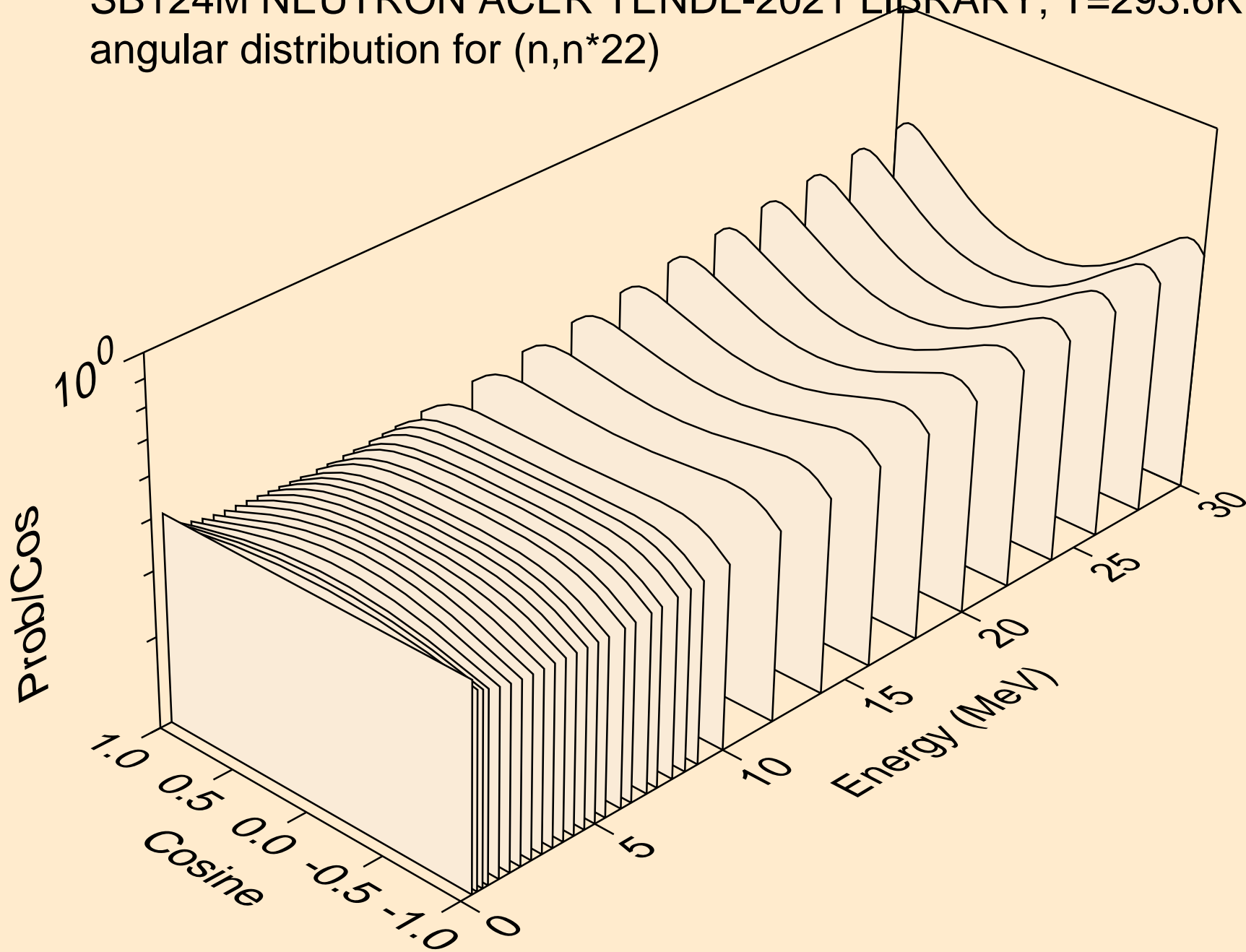
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*20)



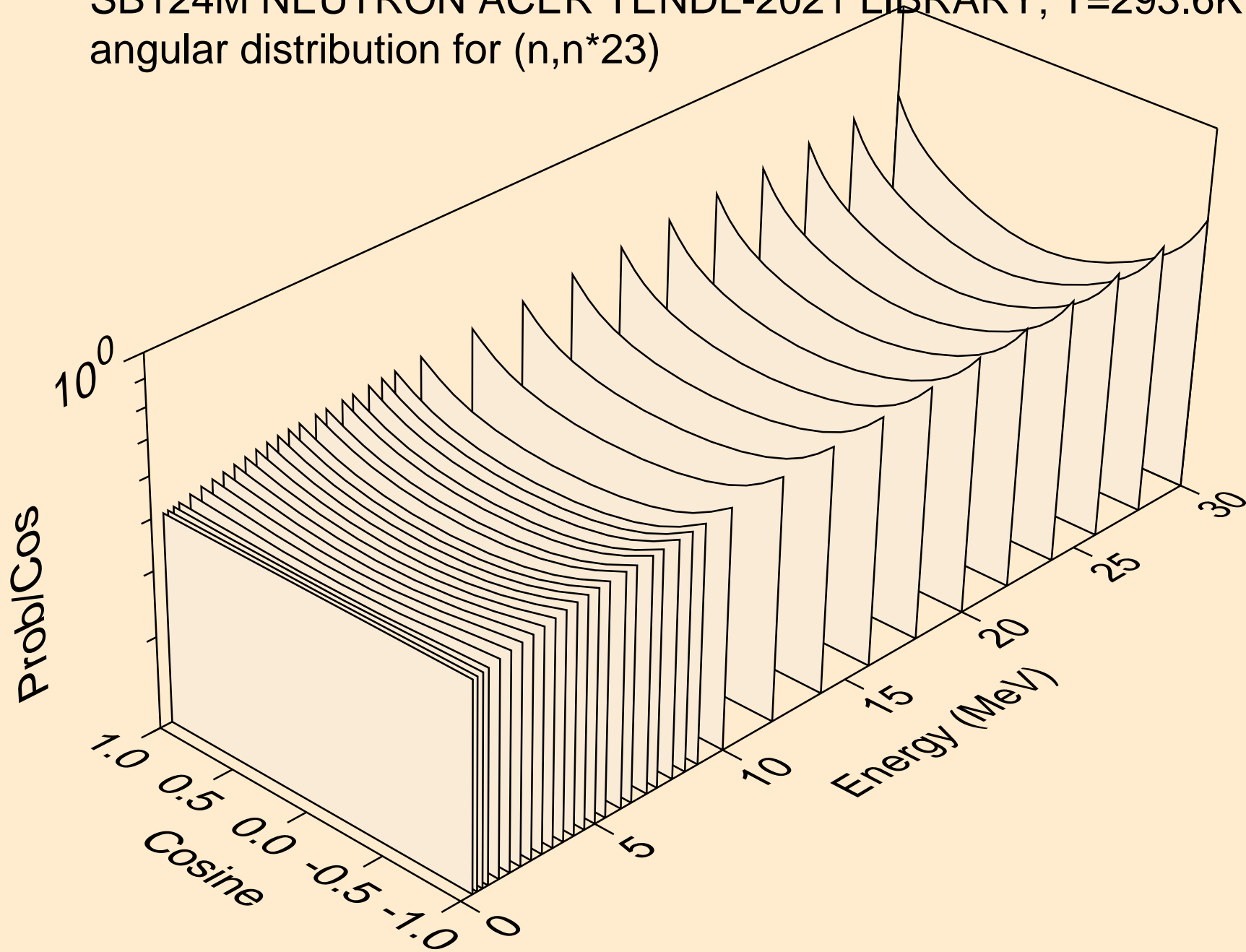
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*21)



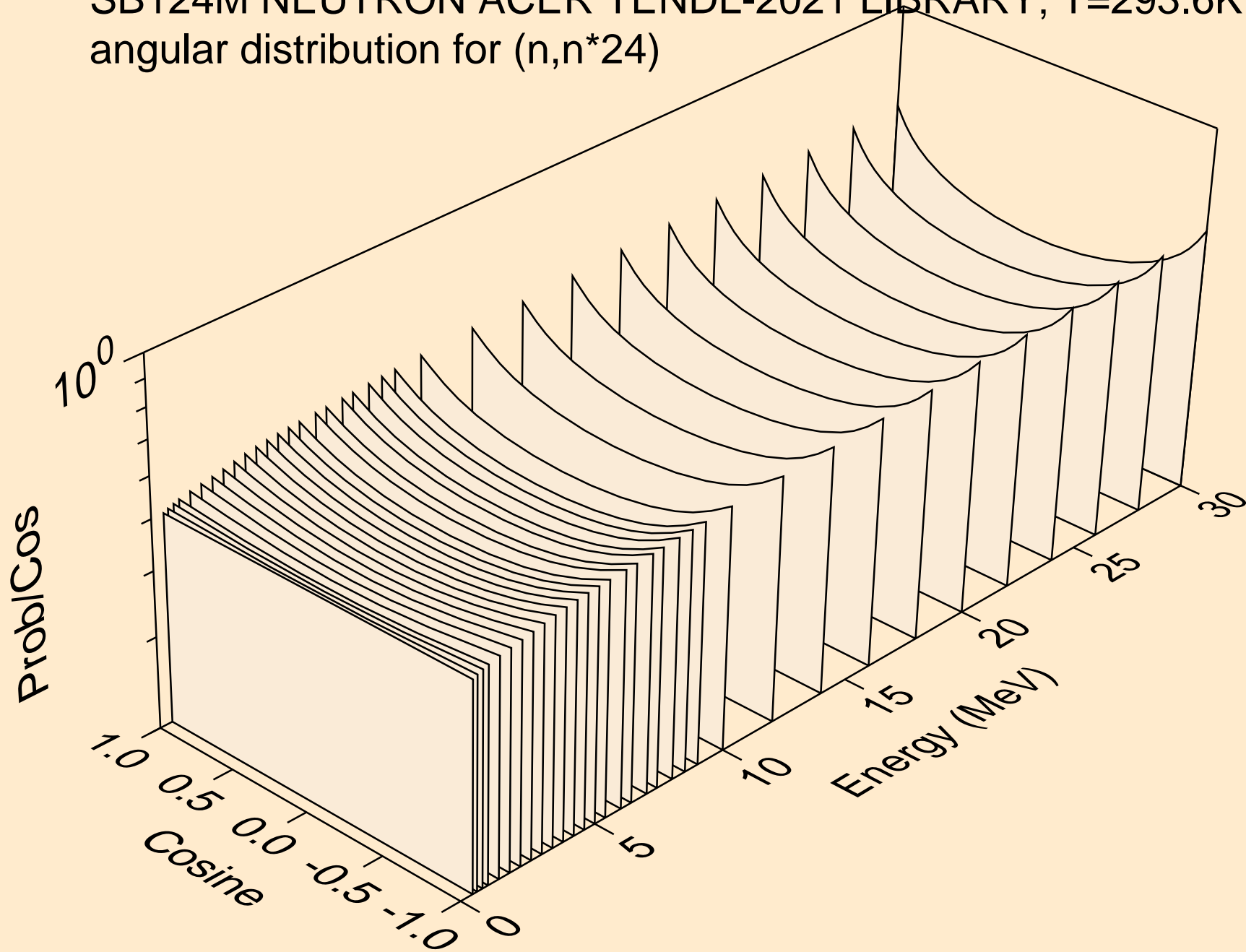
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*22)



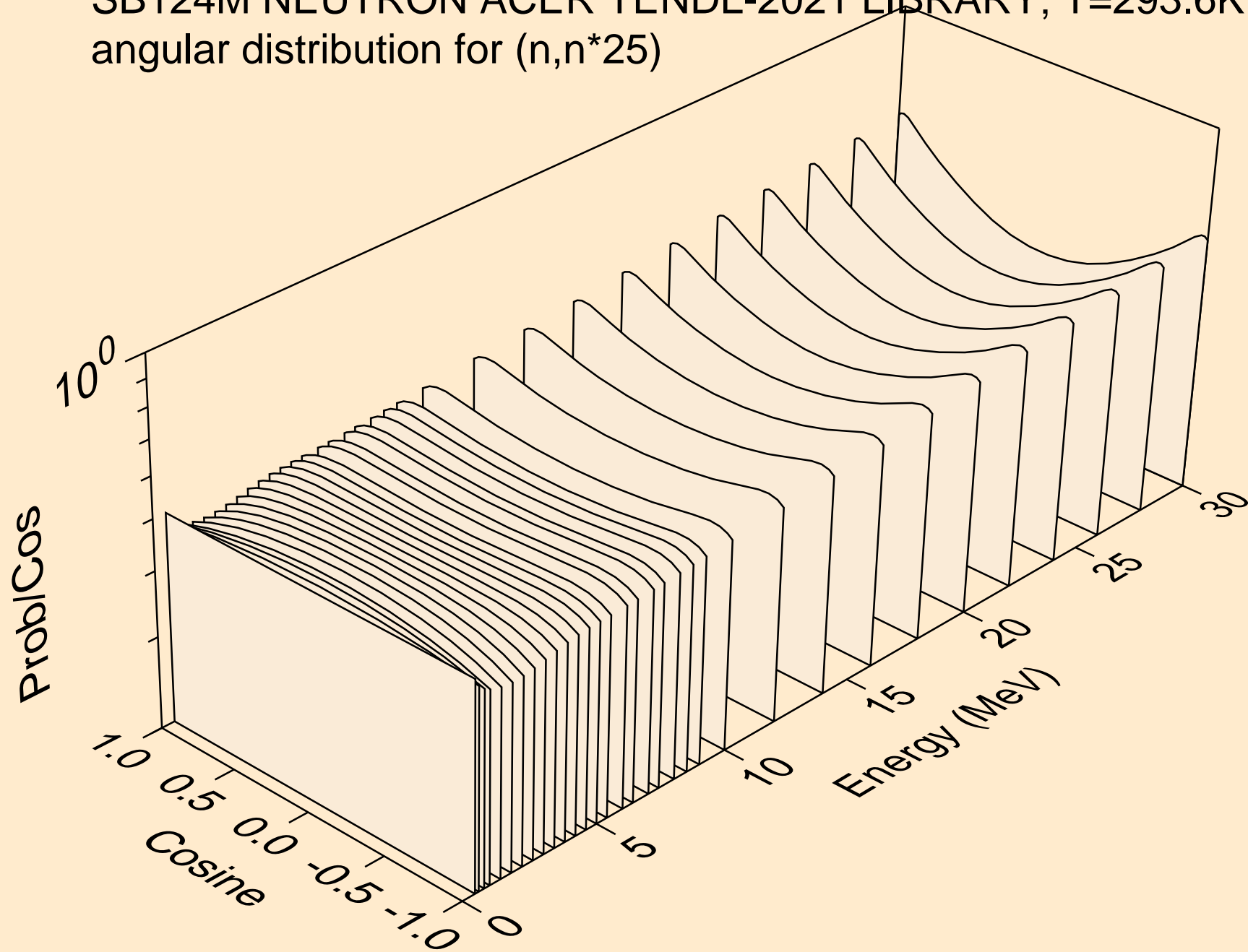
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*23)



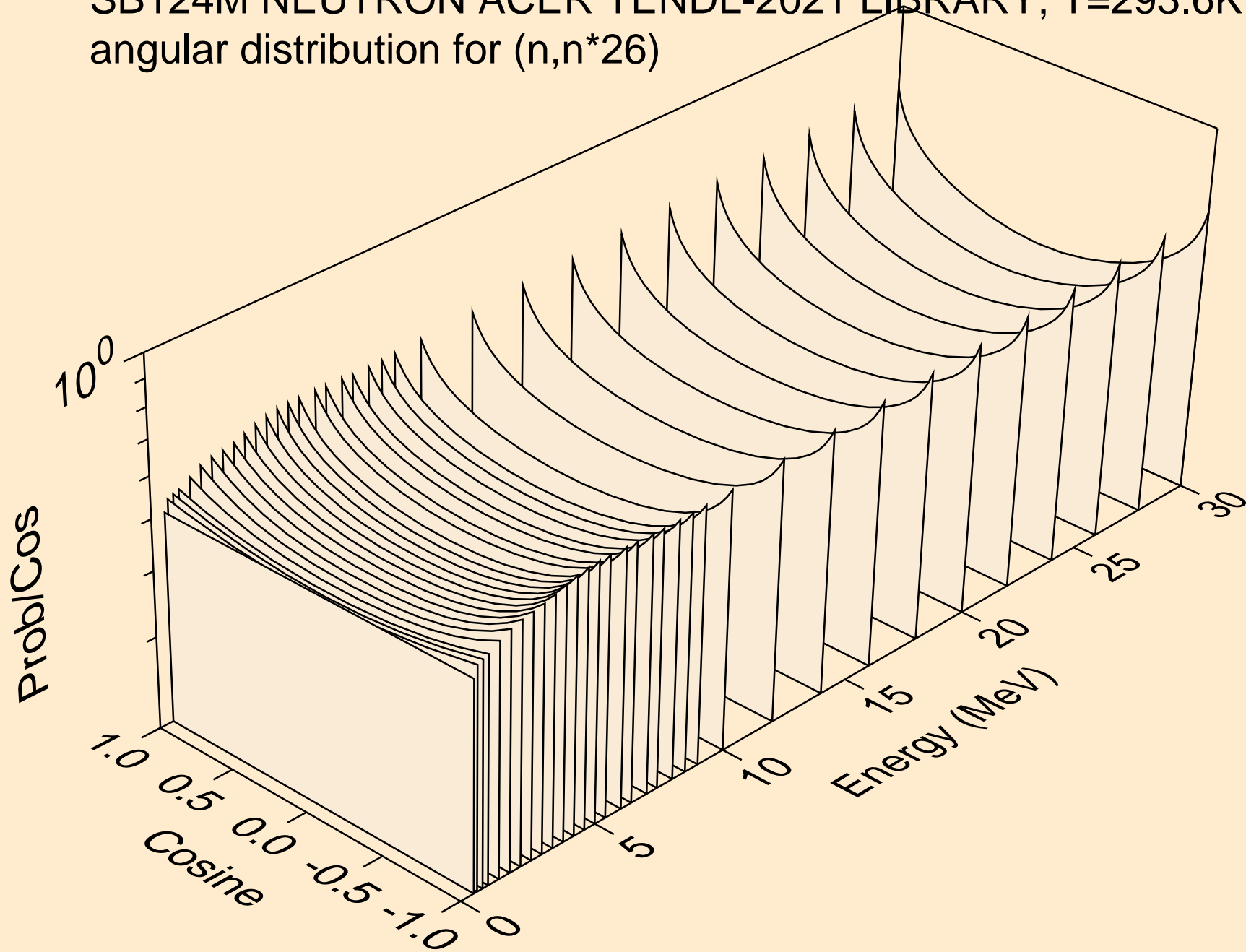
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*24)



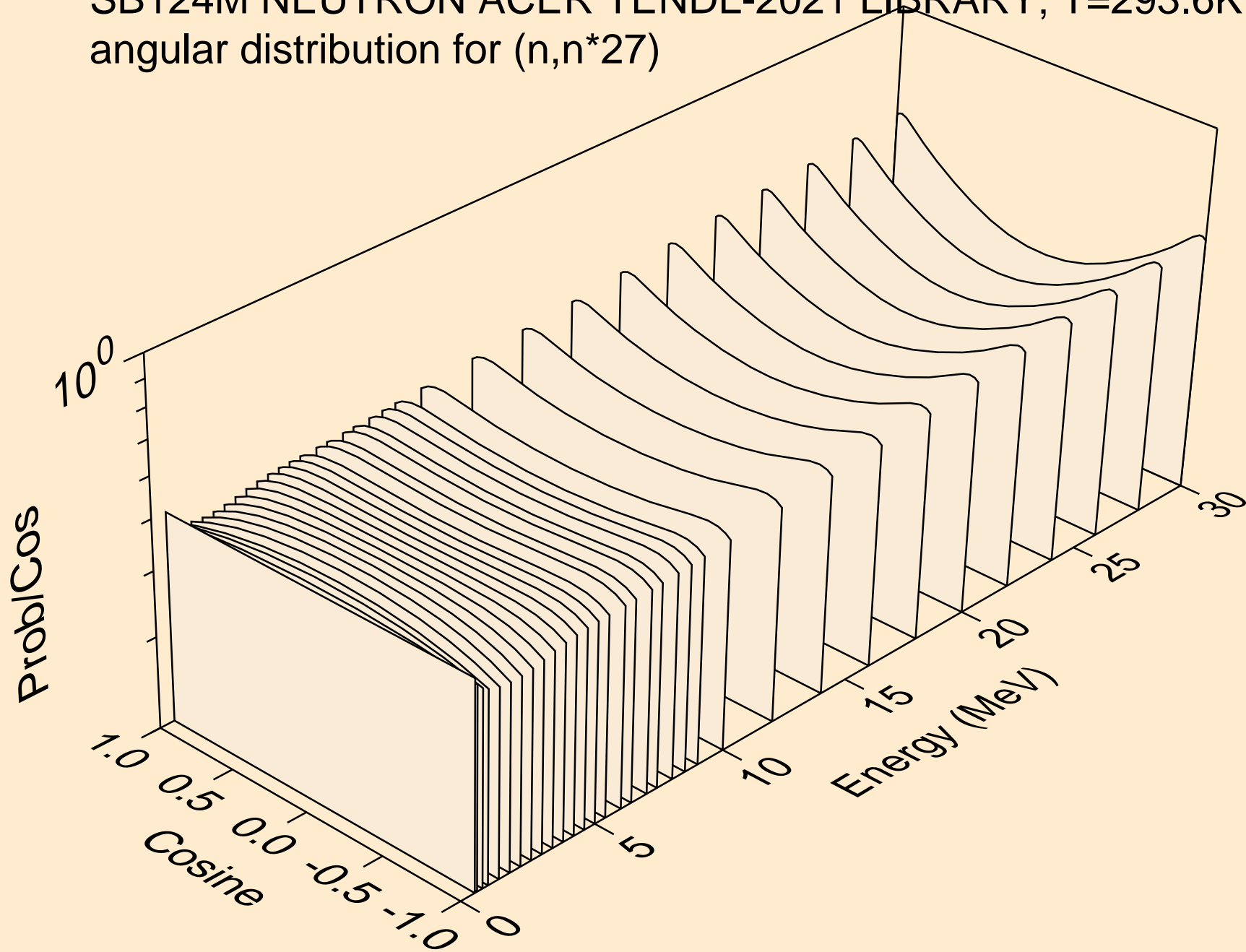
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*25)



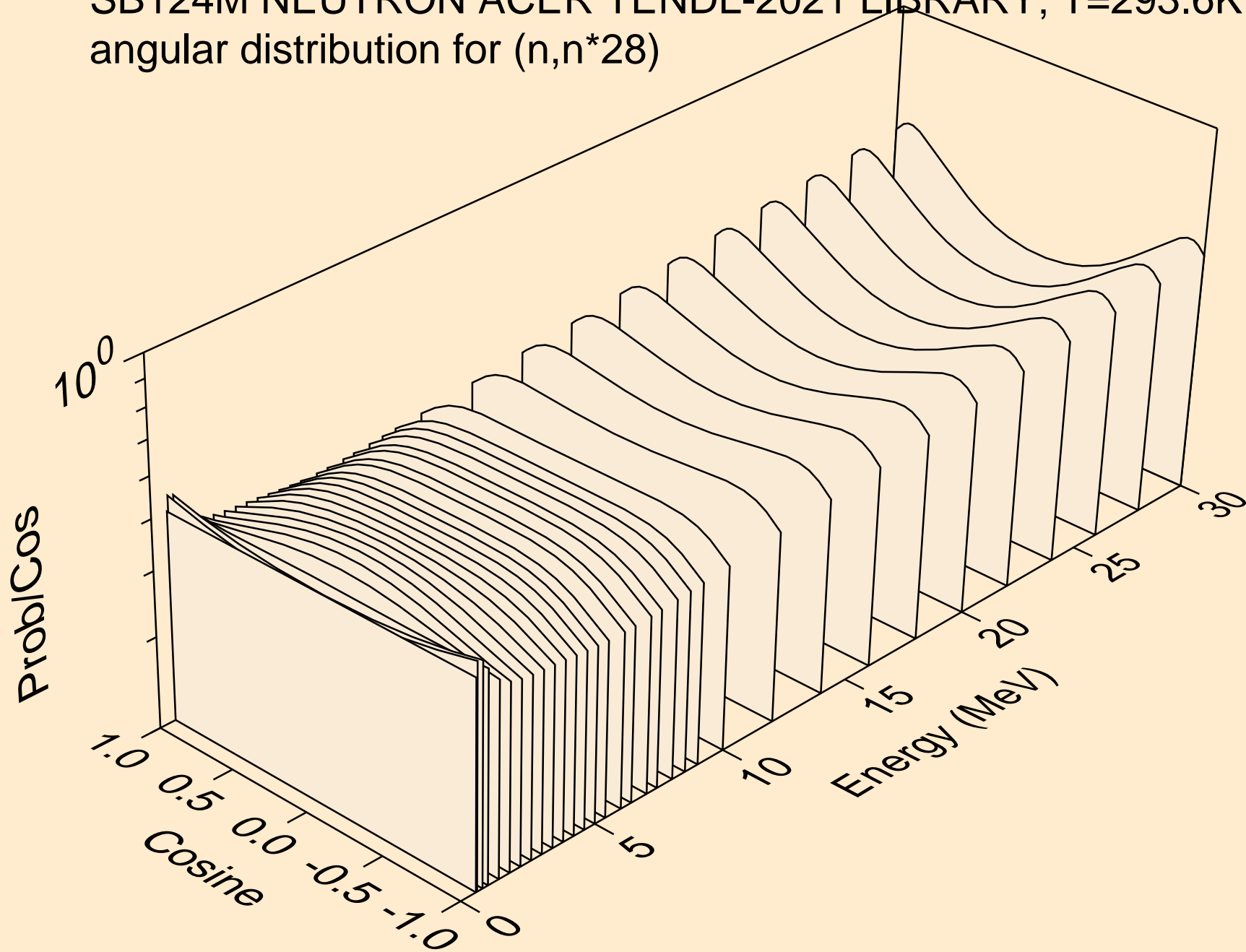
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*26)



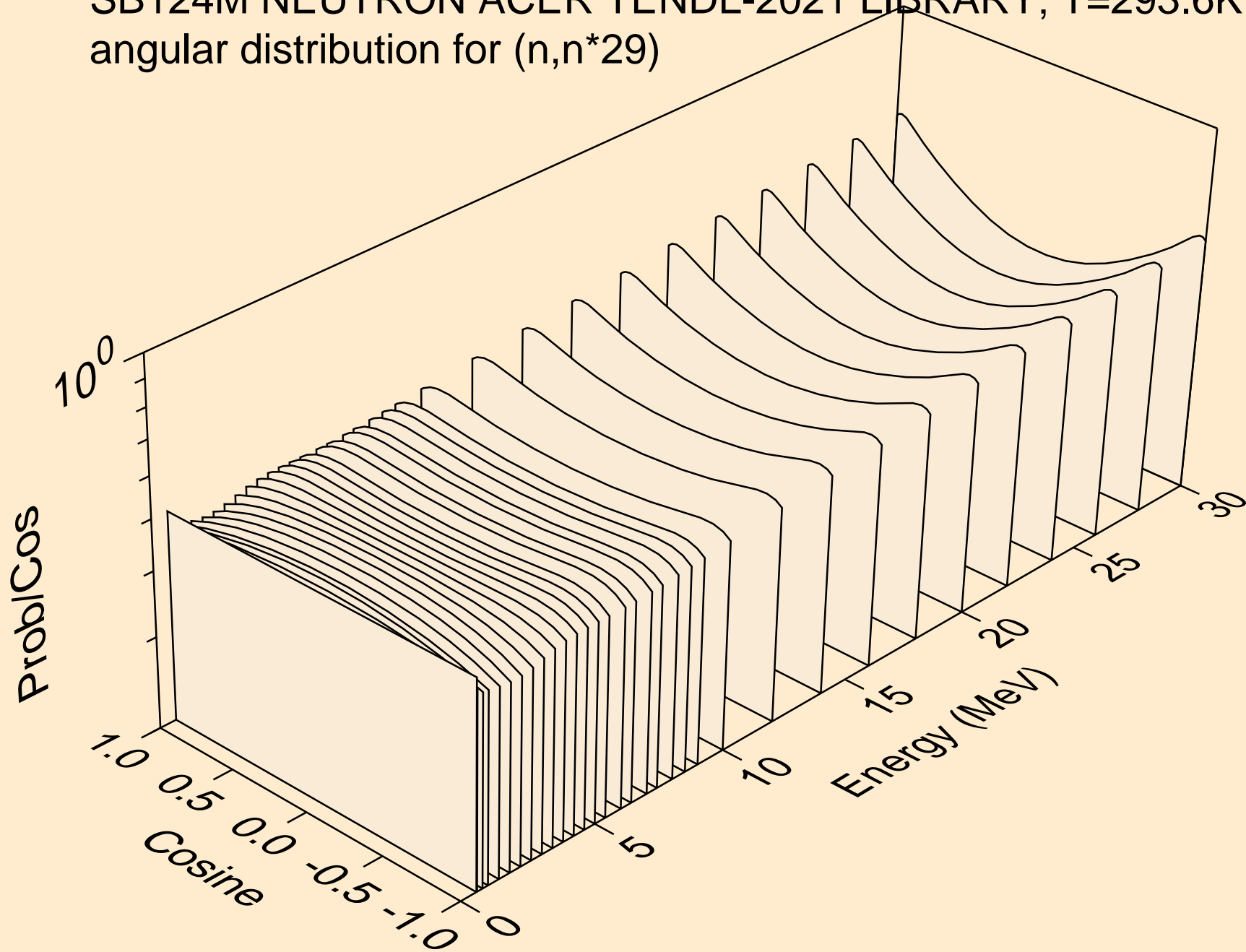
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*27)



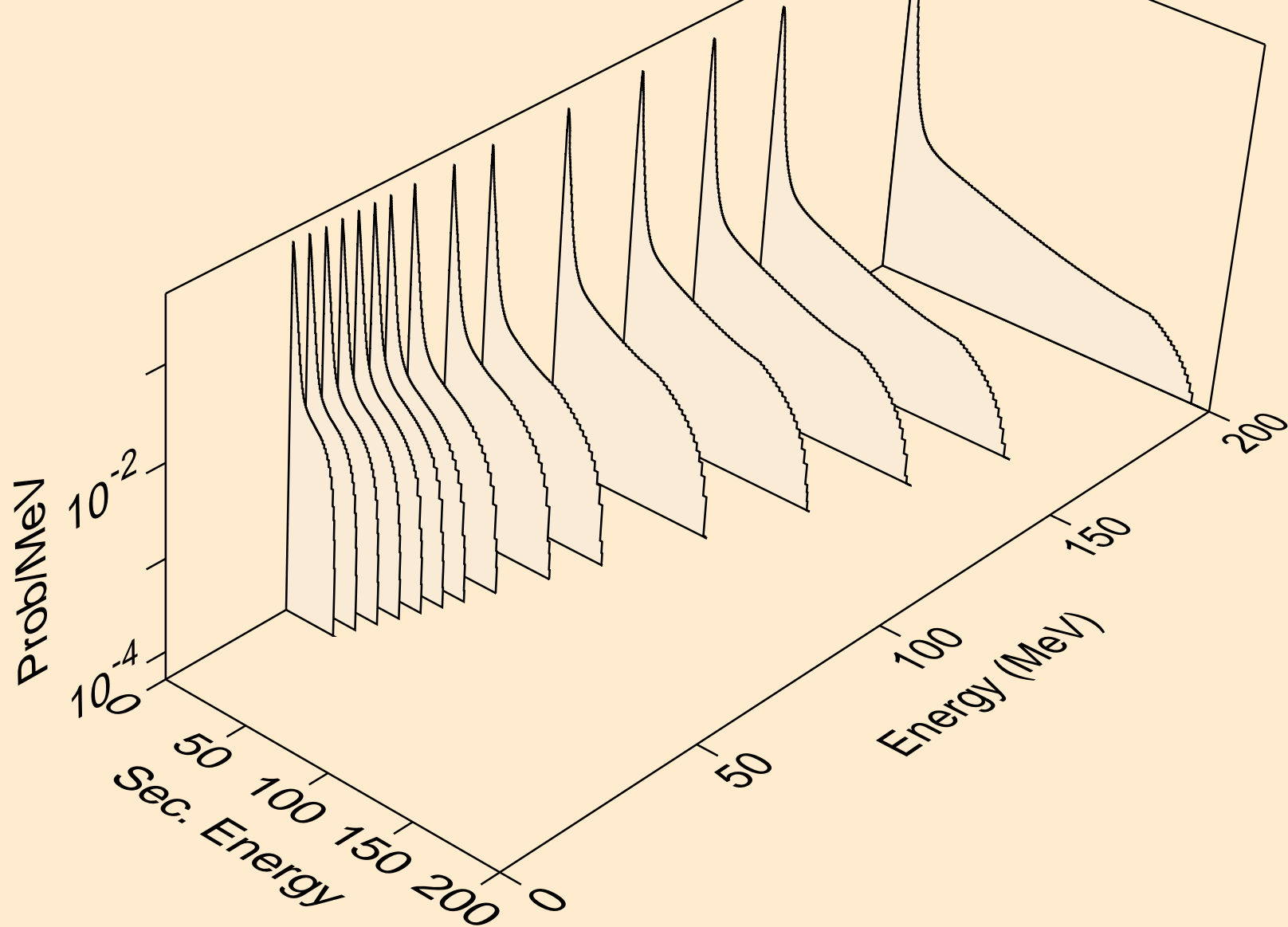
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*28)



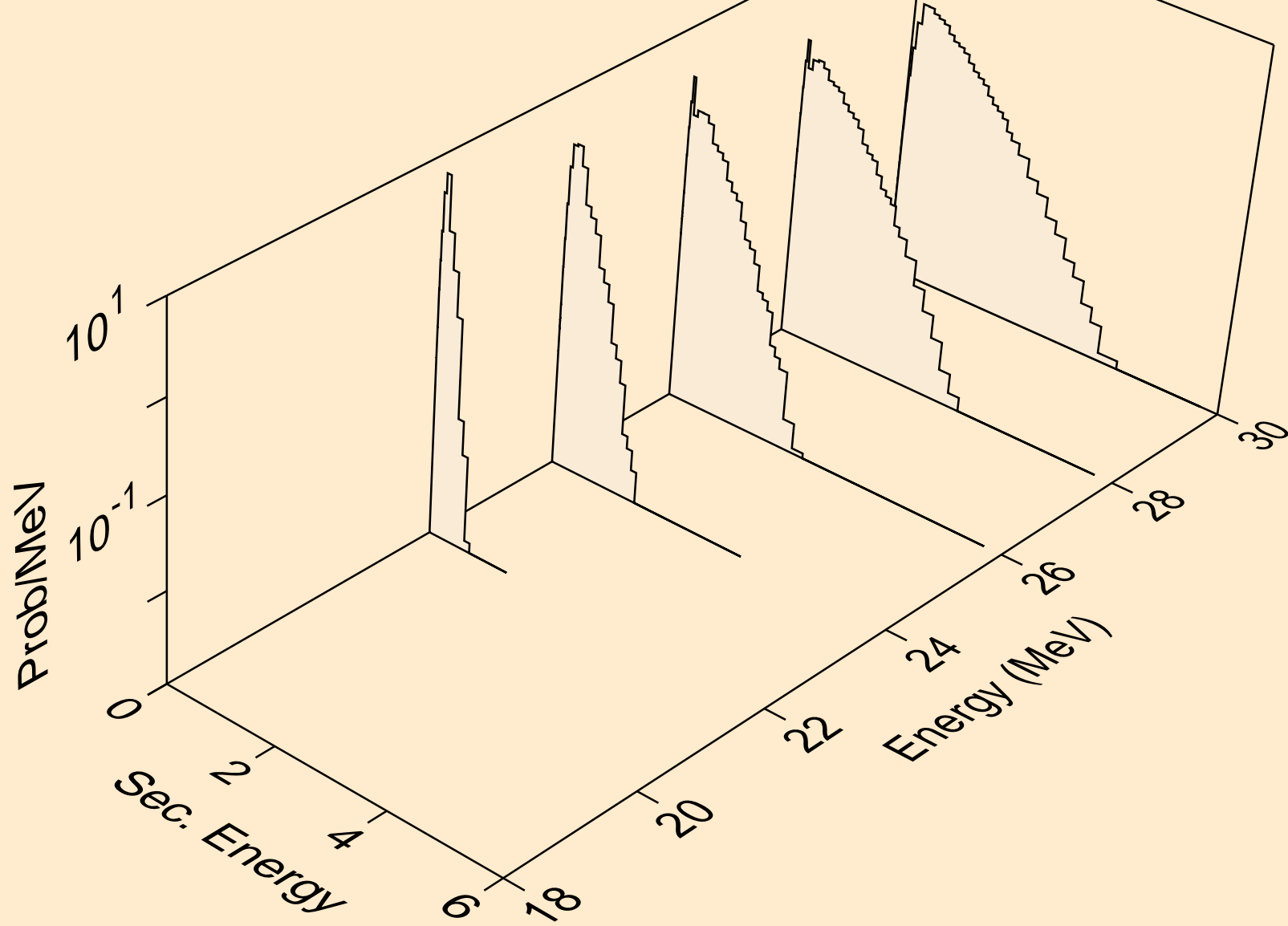
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*29)



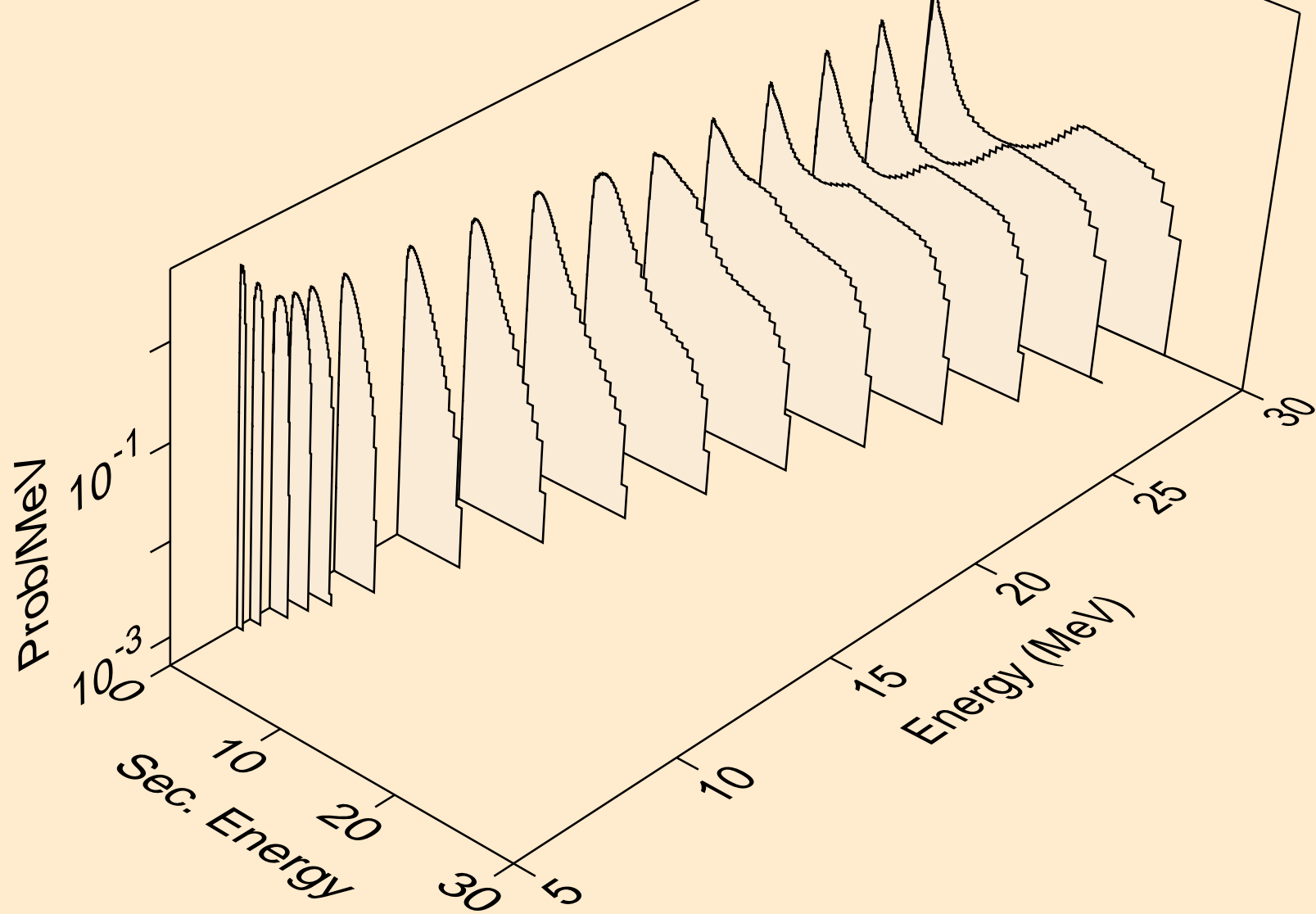
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



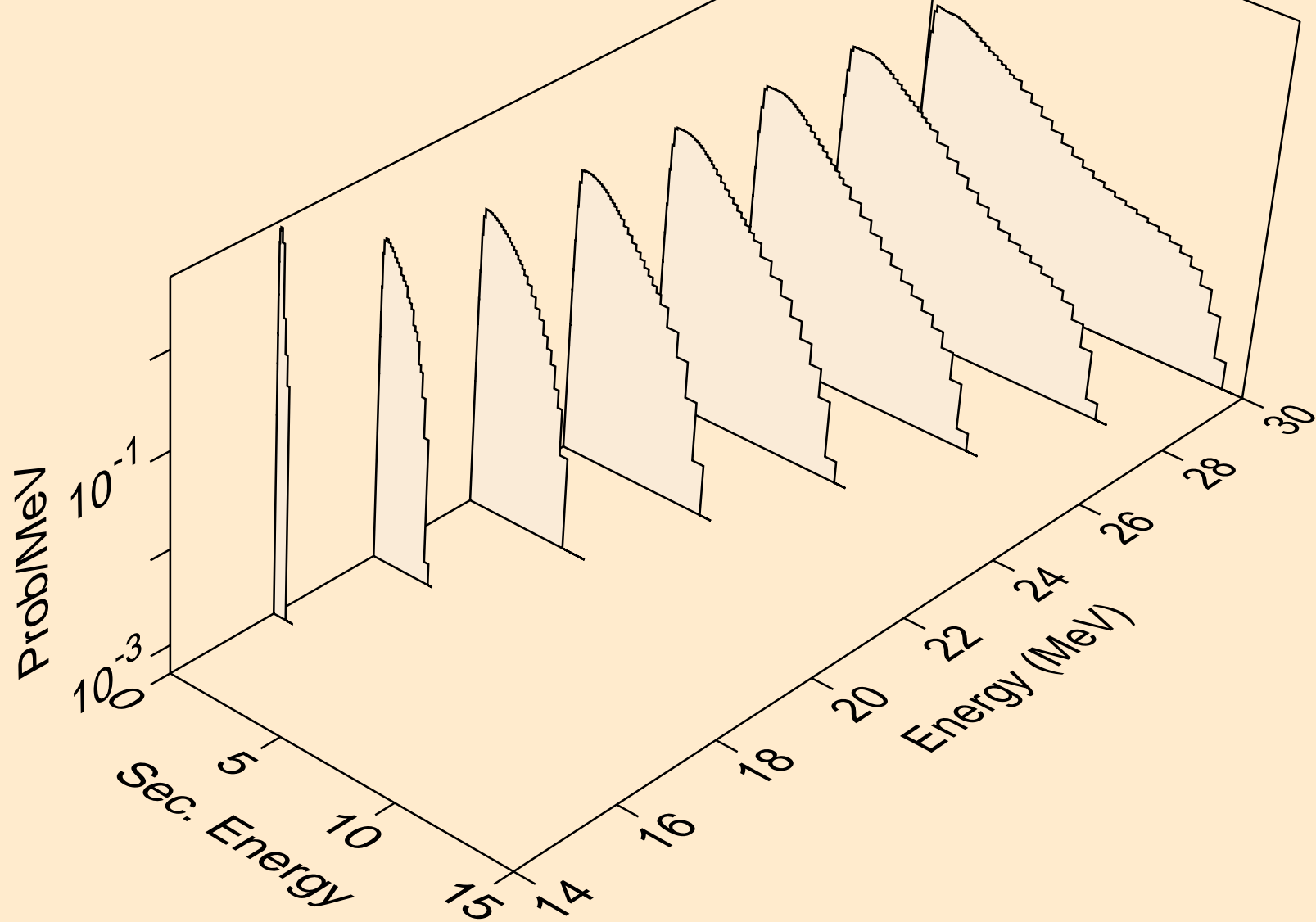
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



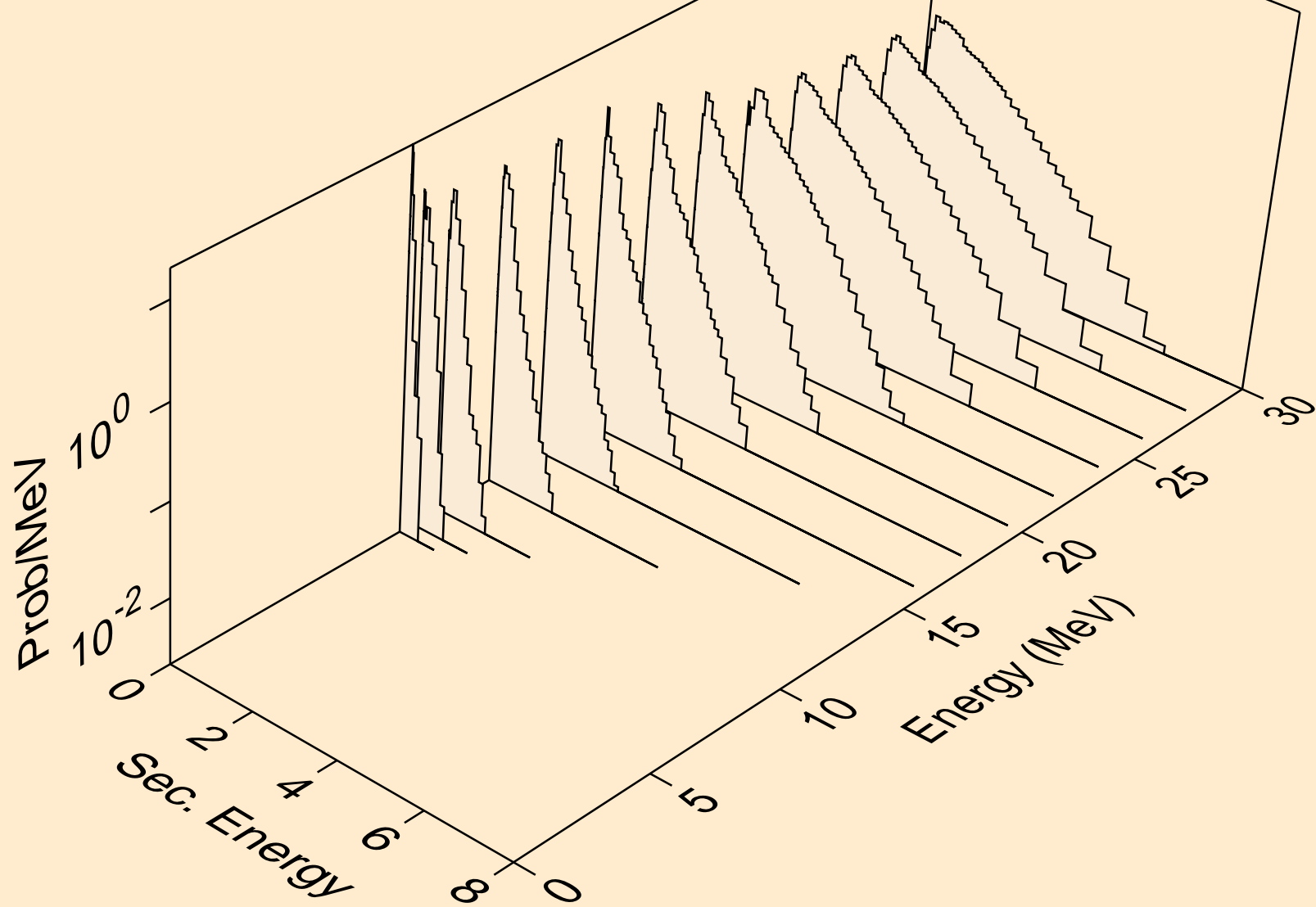
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



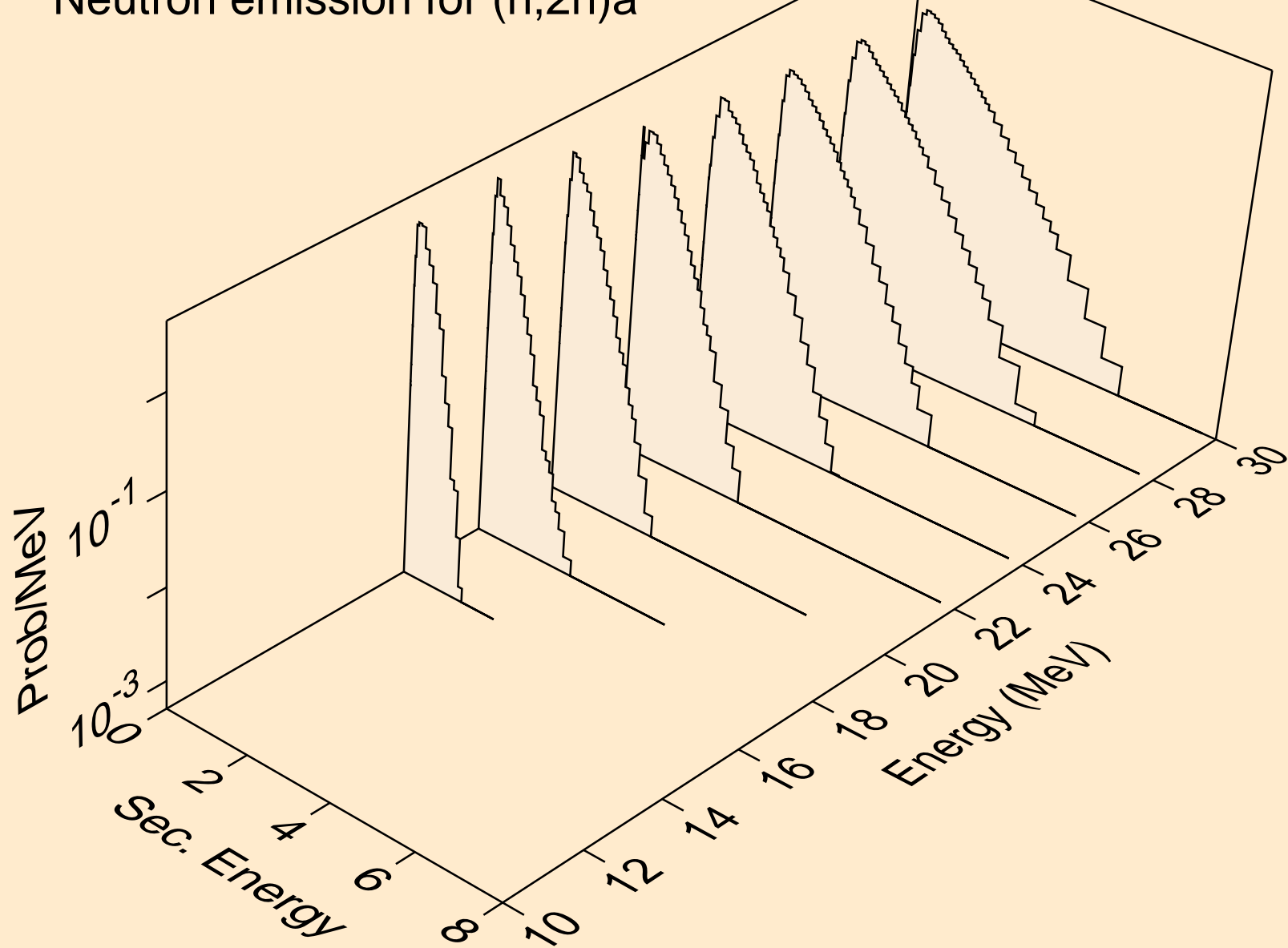
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



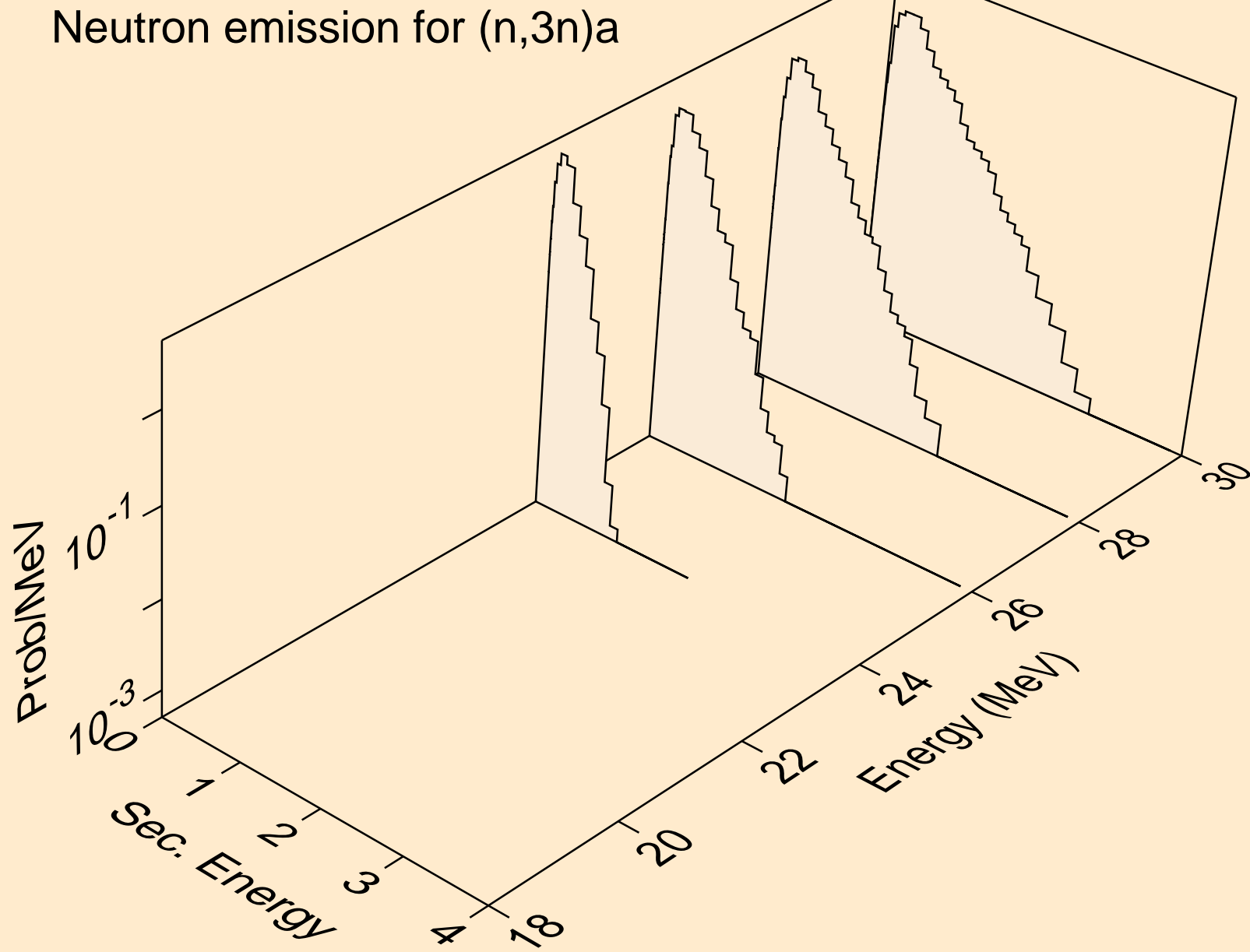
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



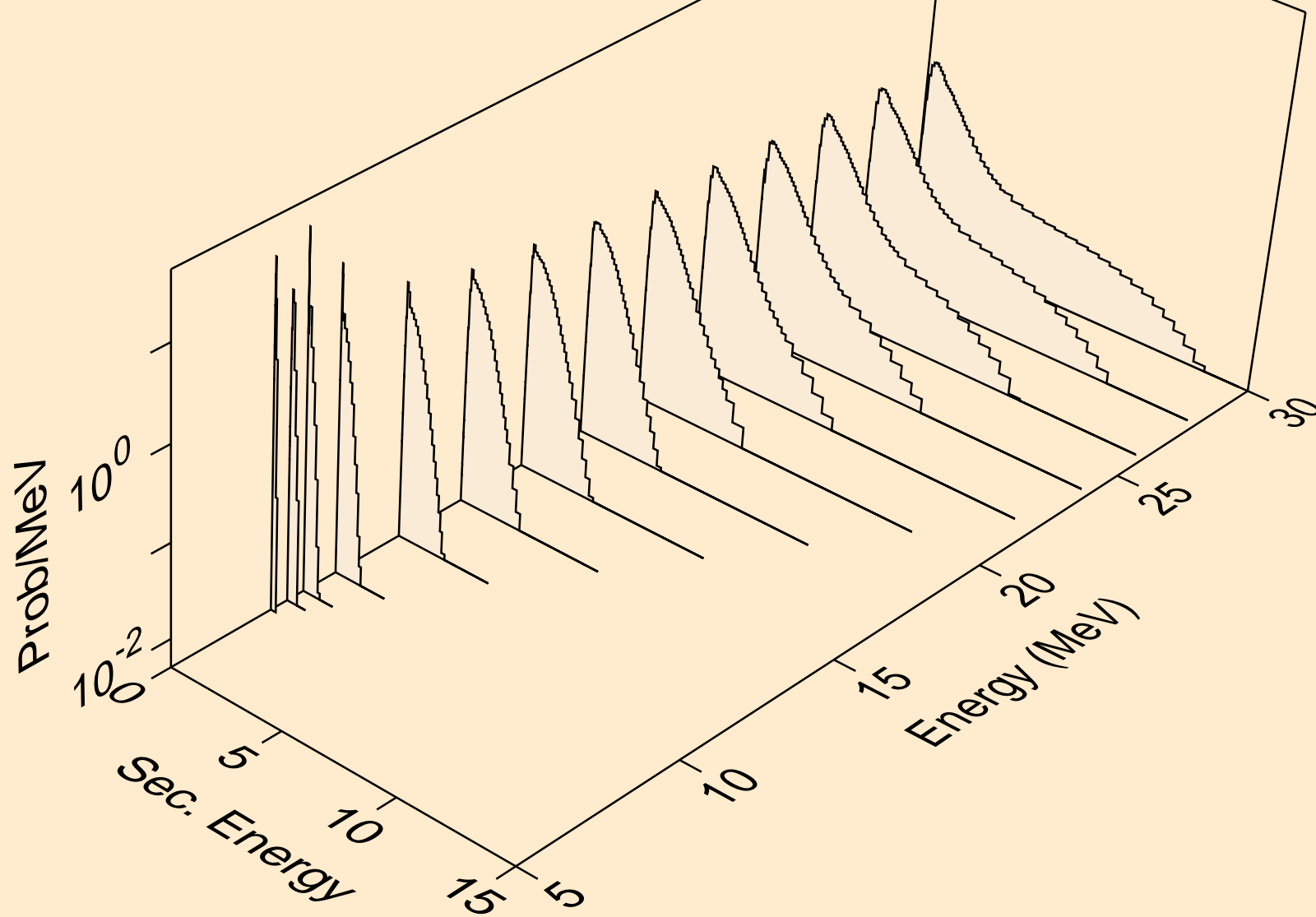
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



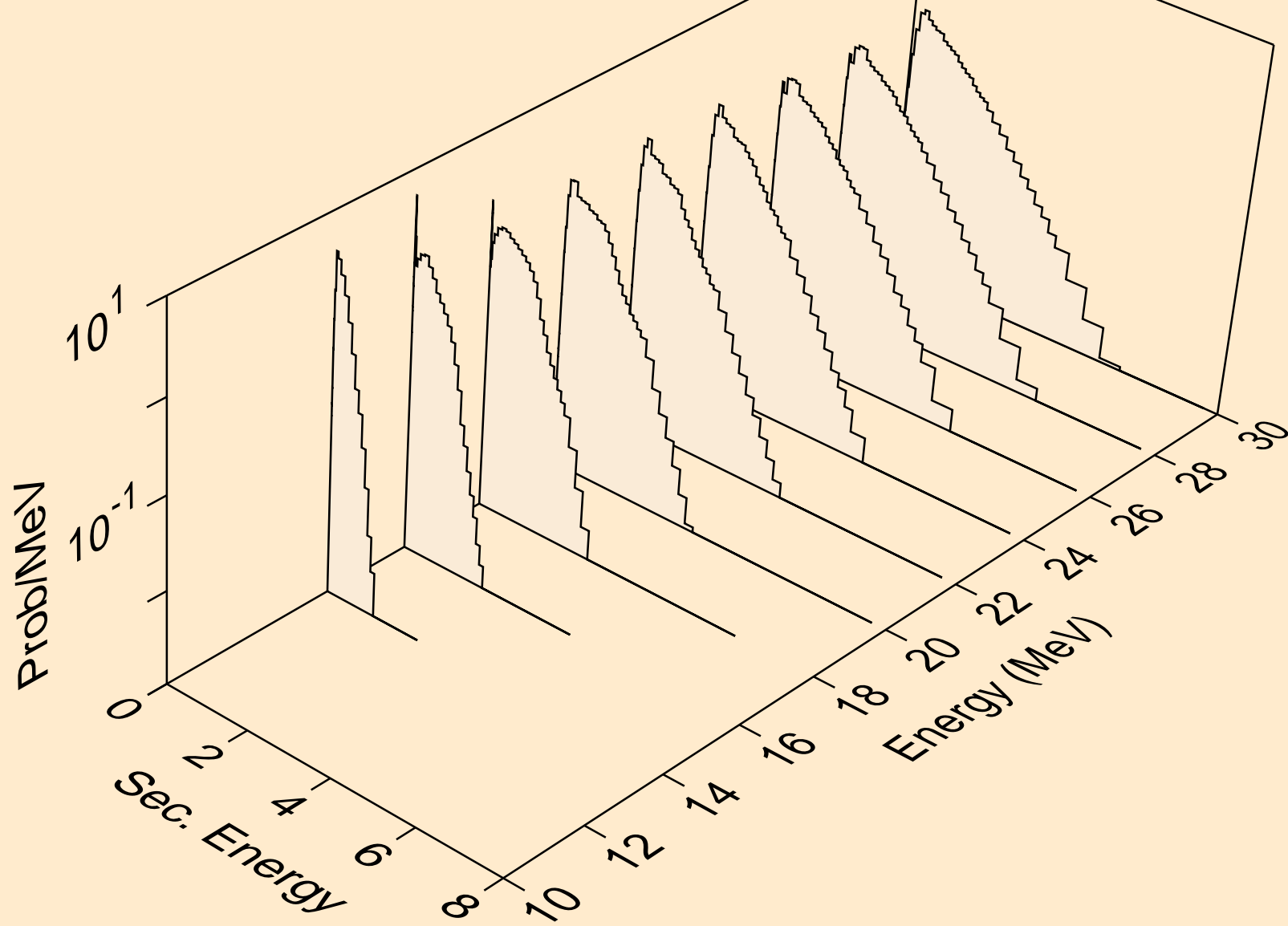
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



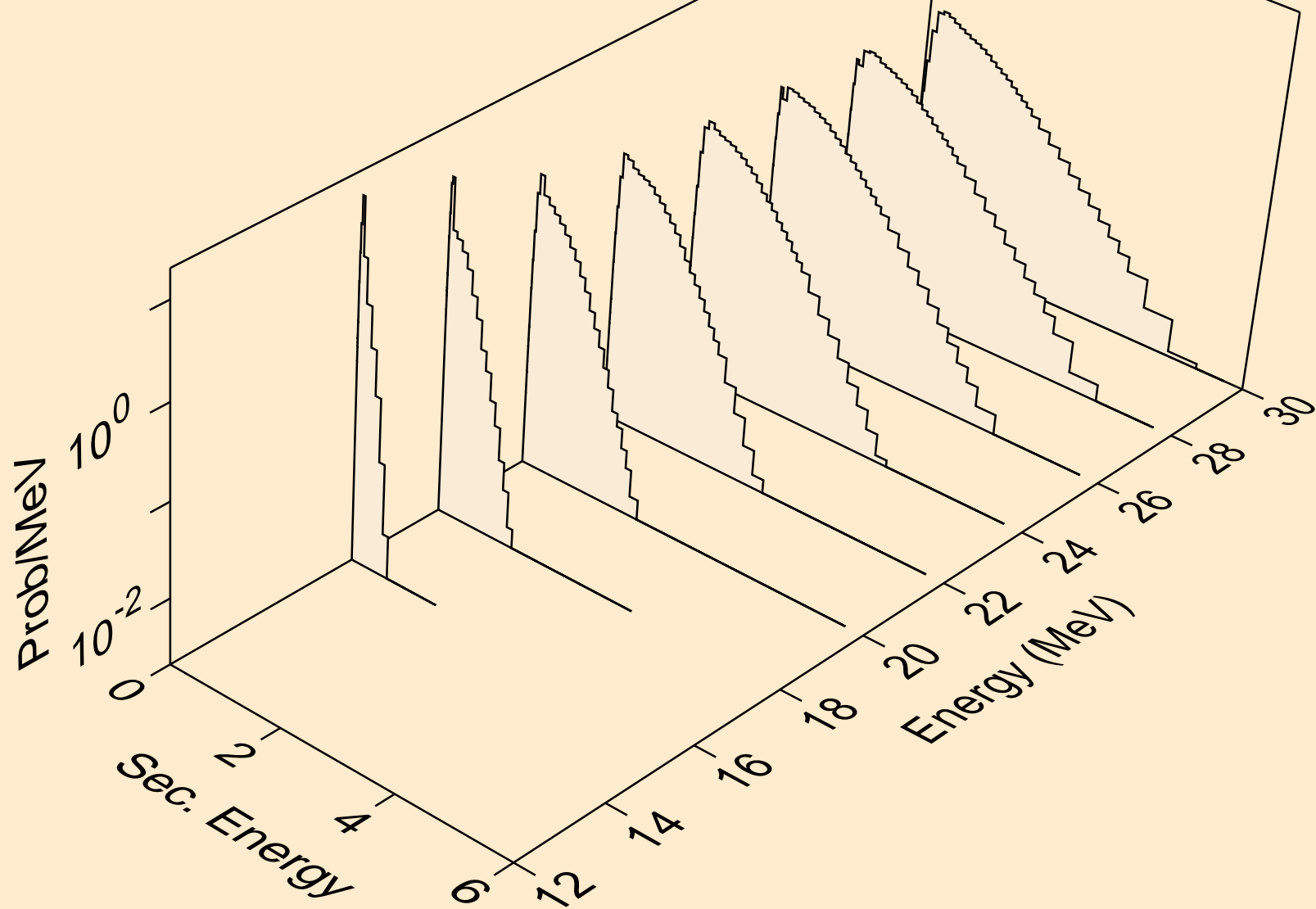
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



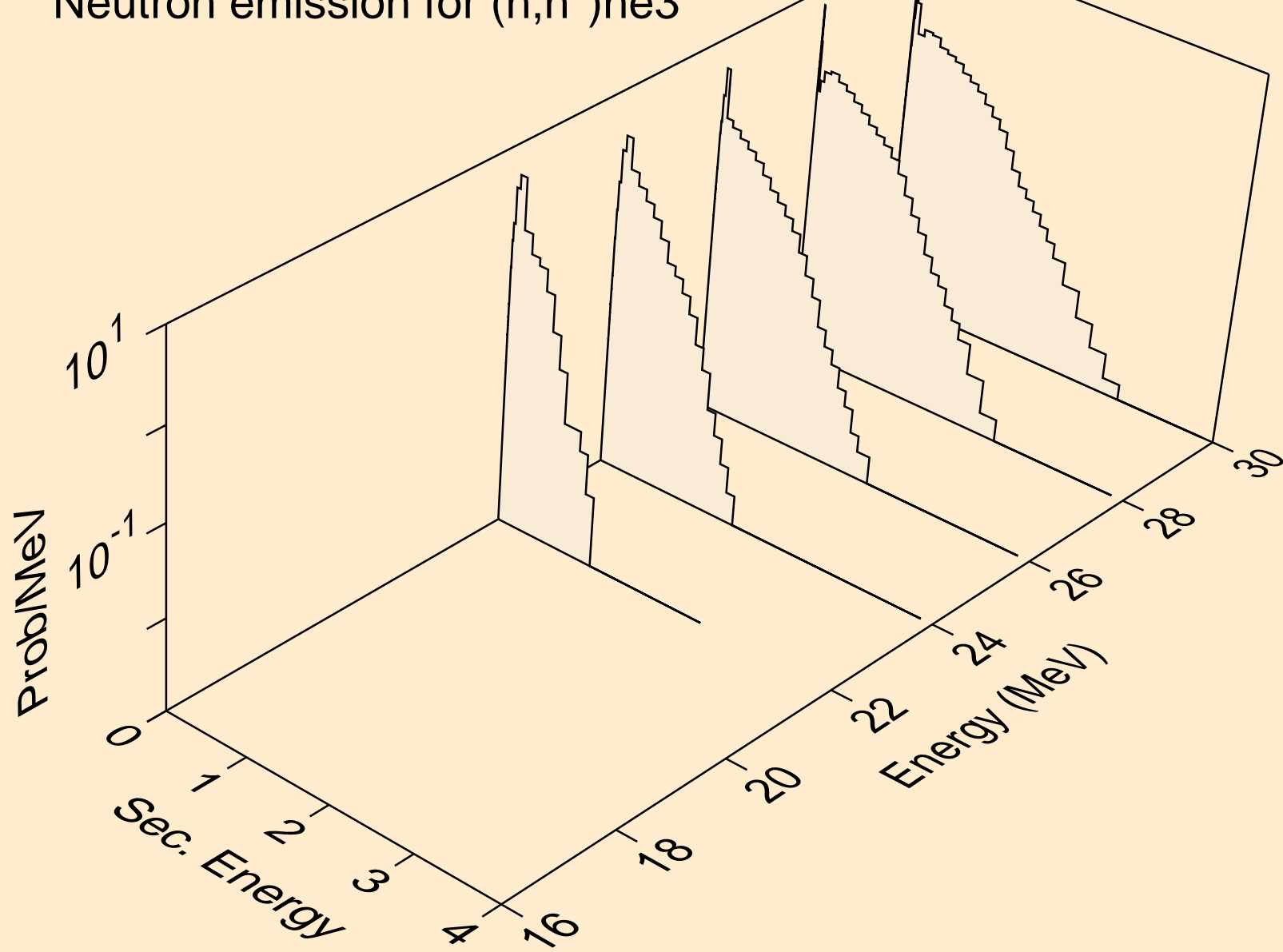
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



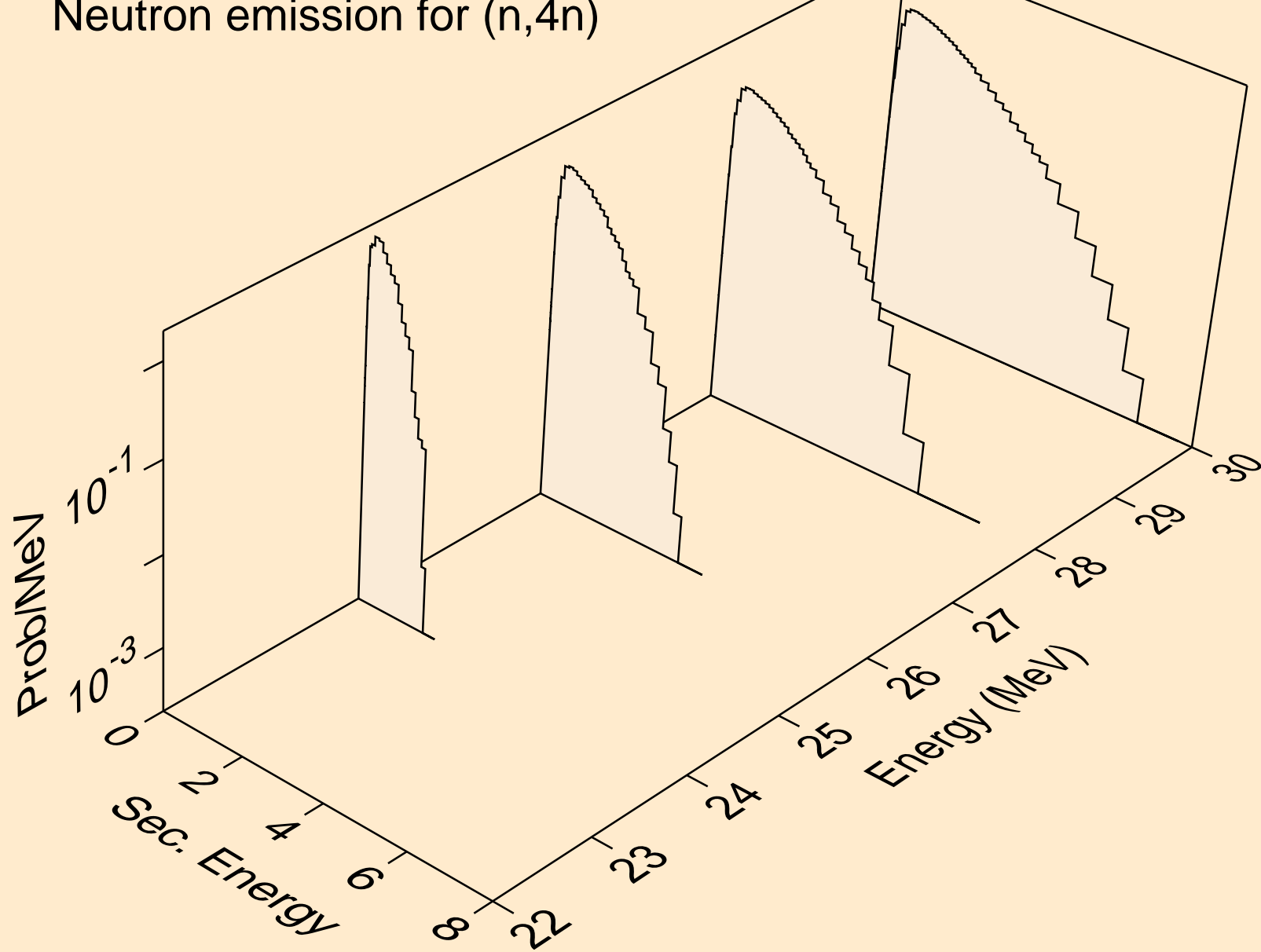
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



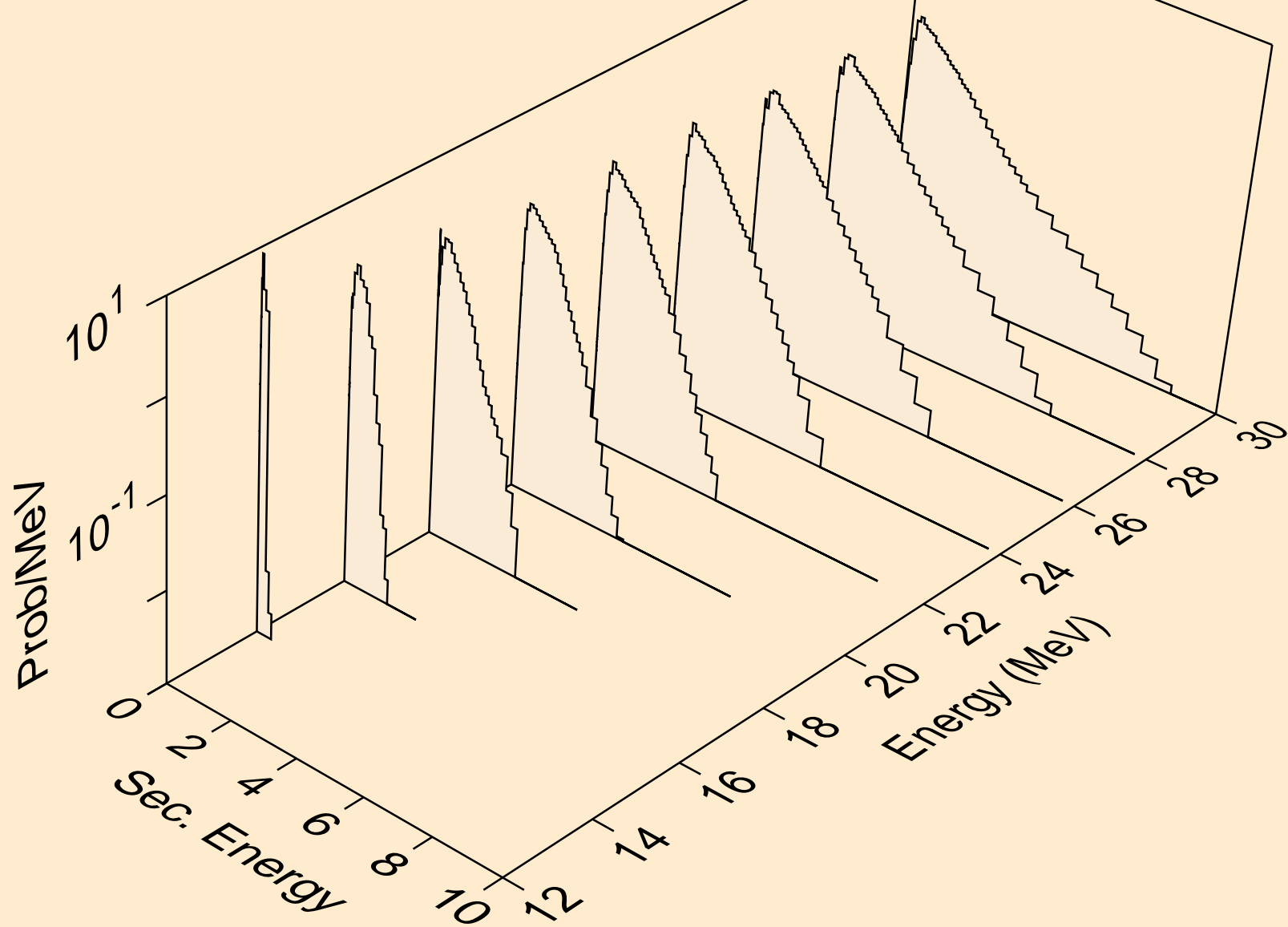
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



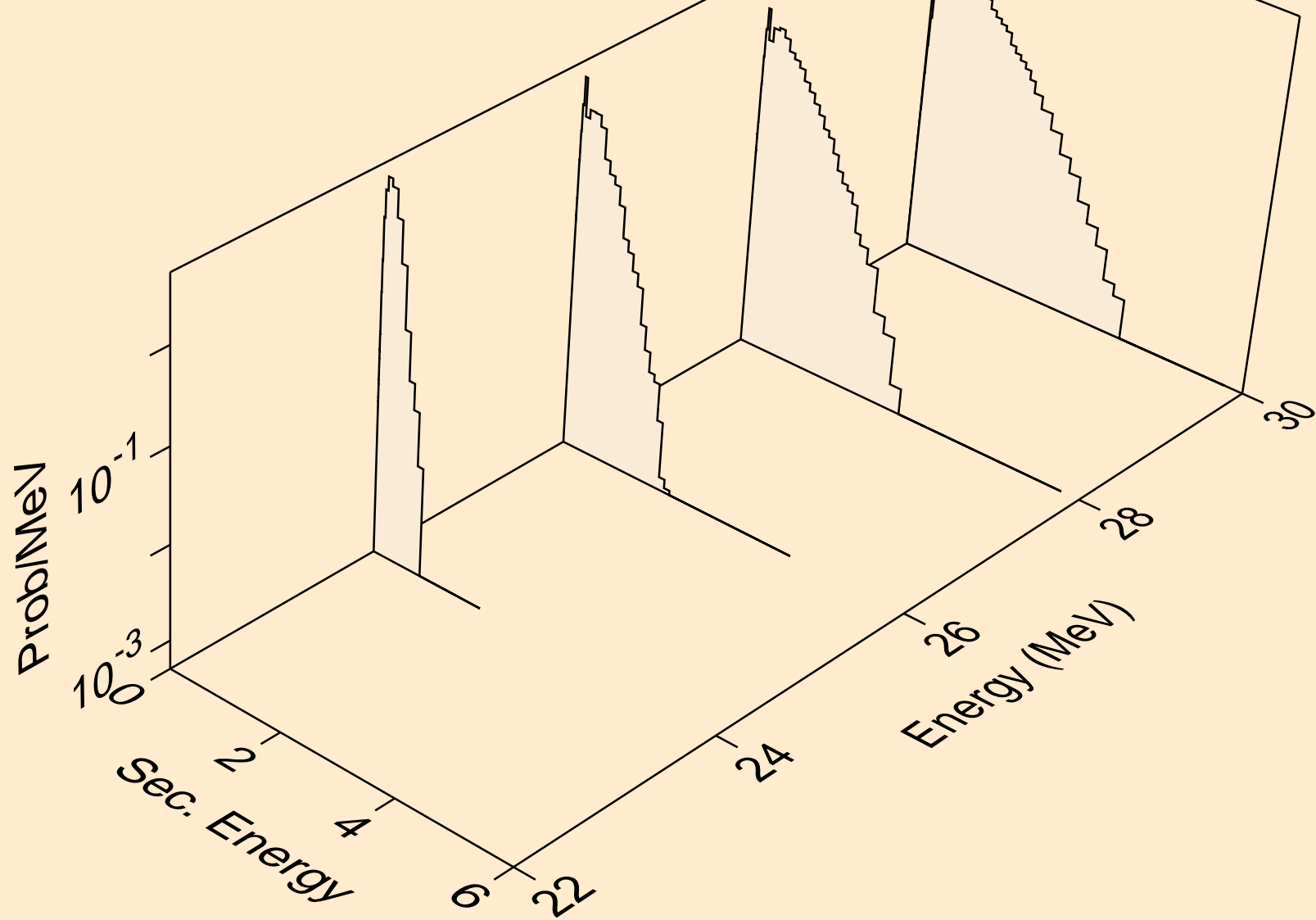
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



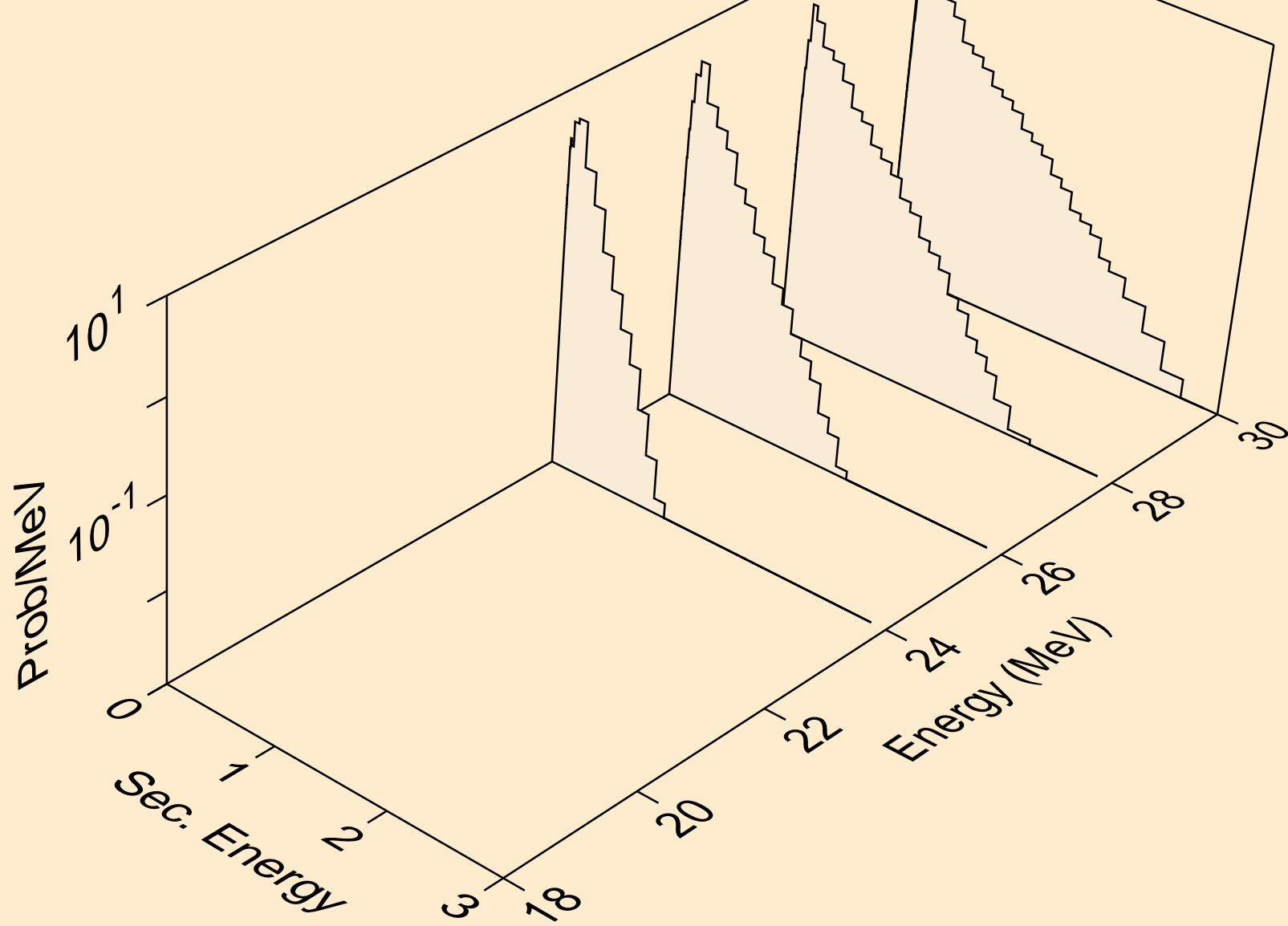
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



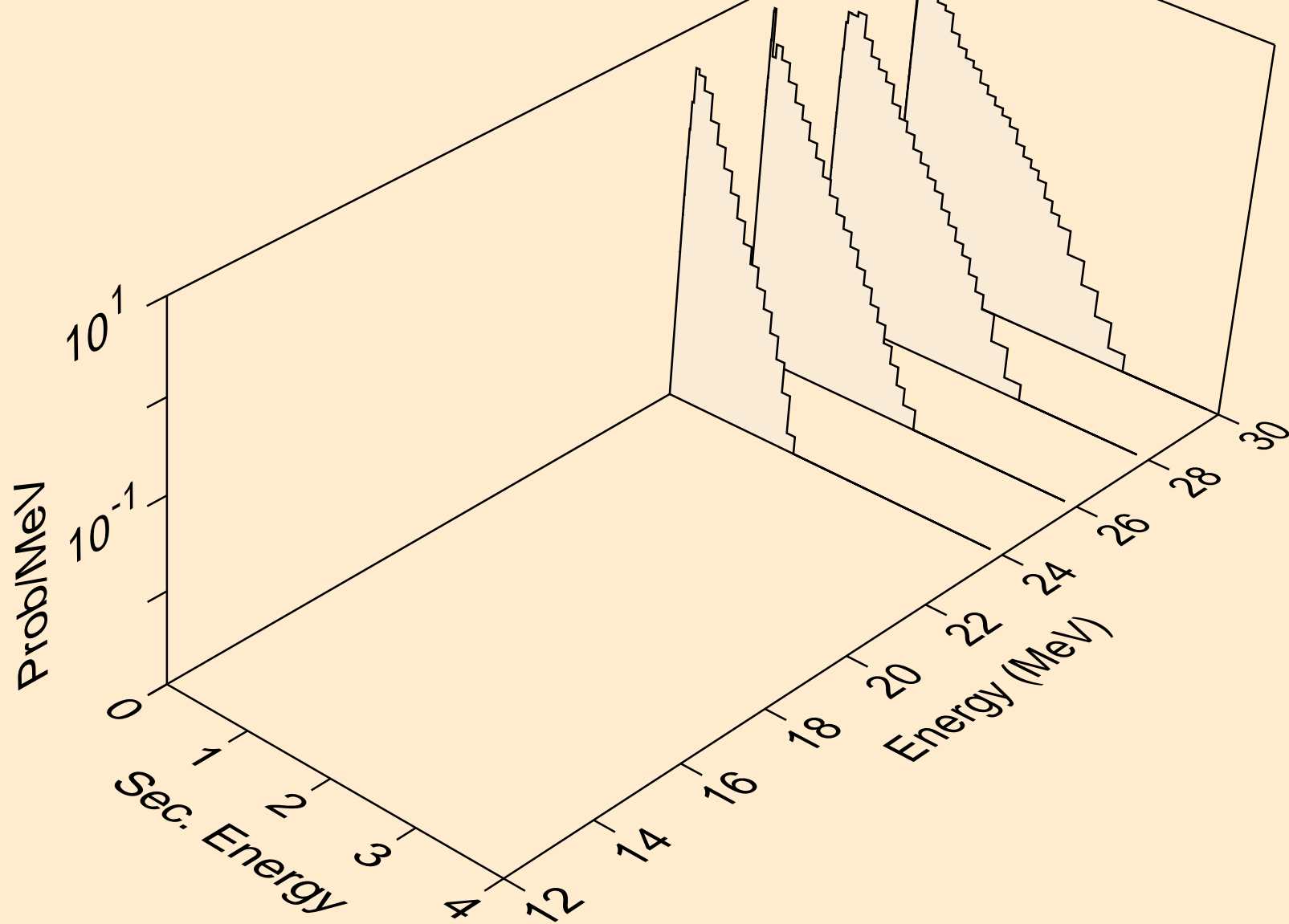
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



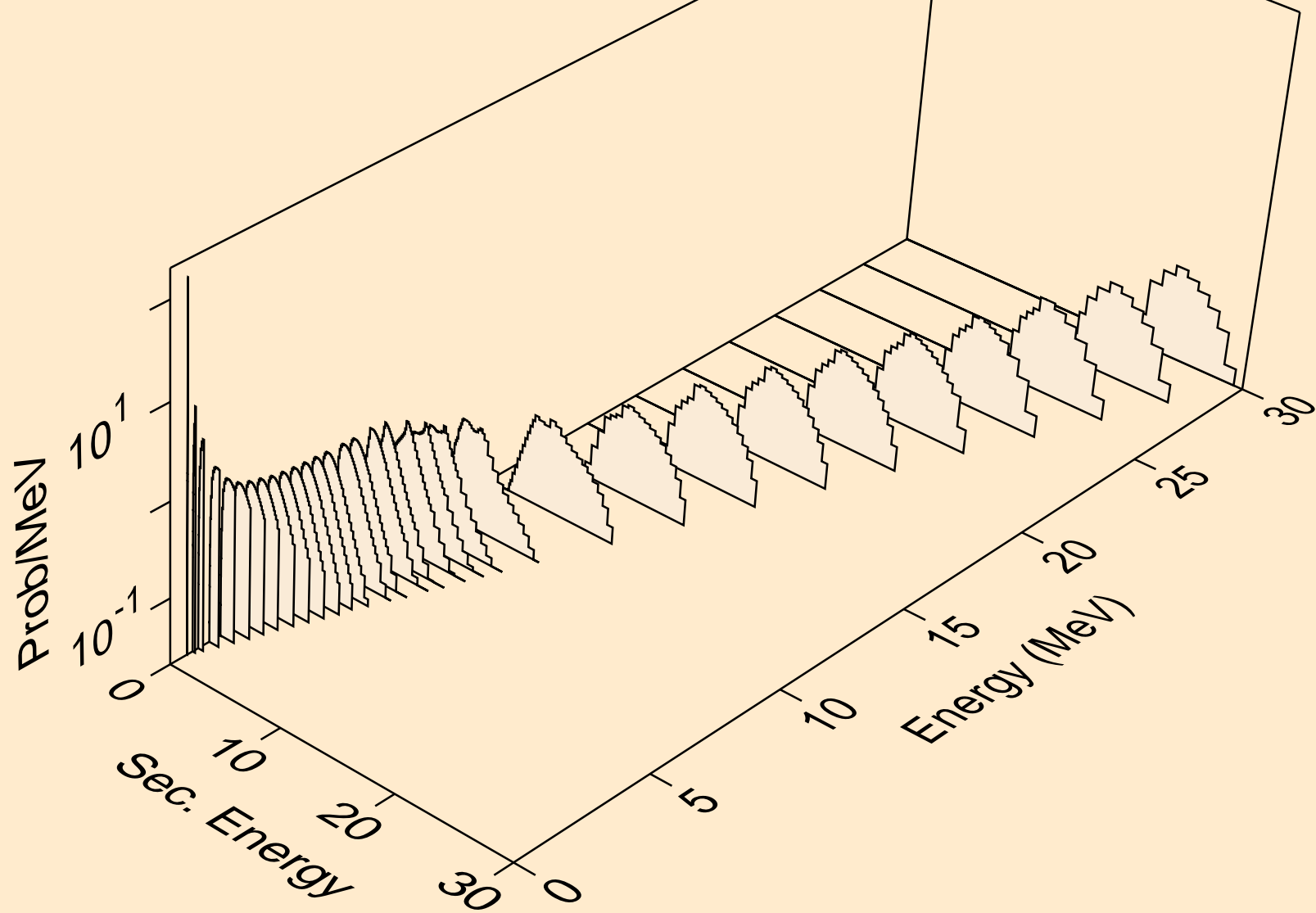
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



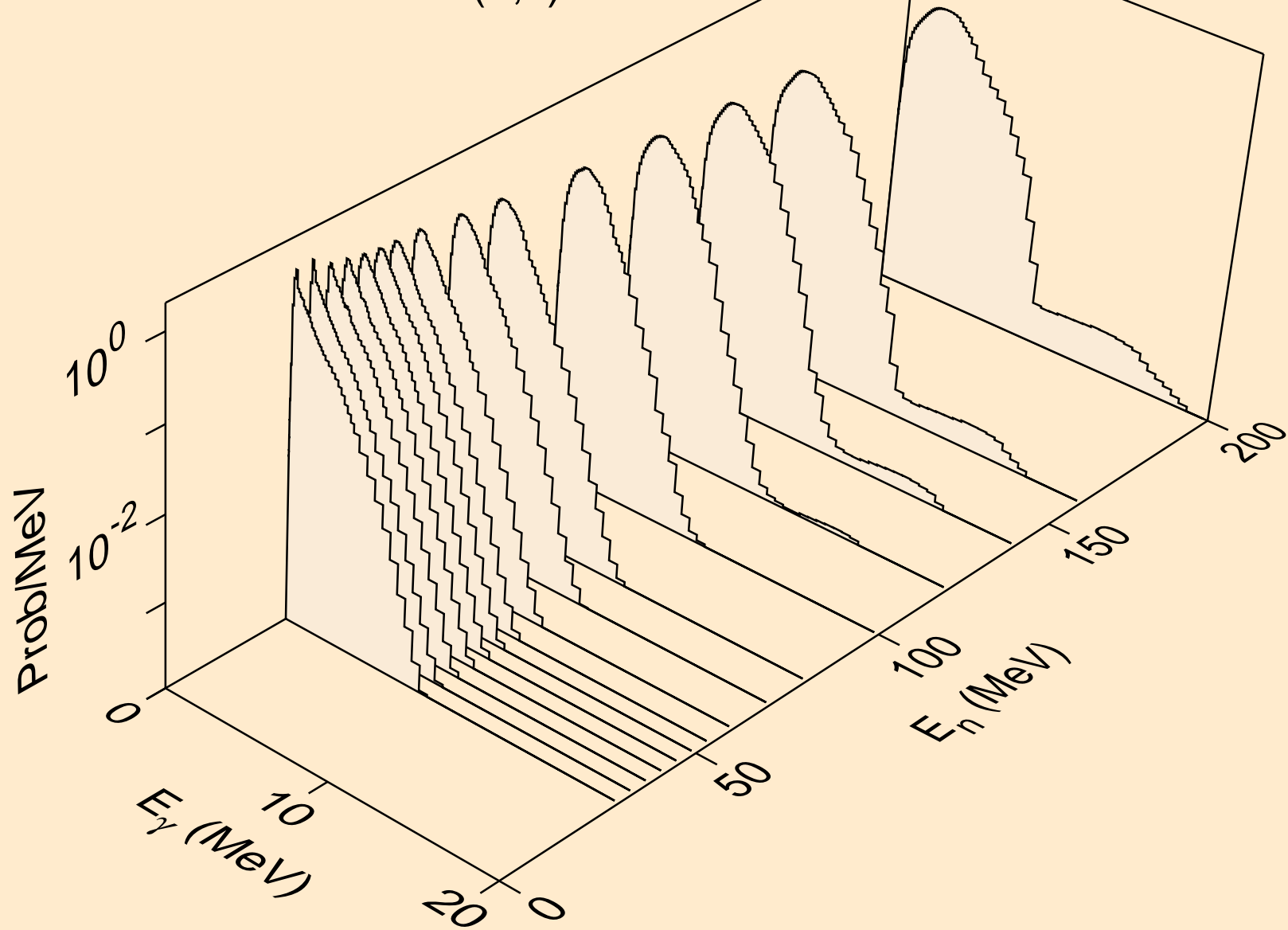
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



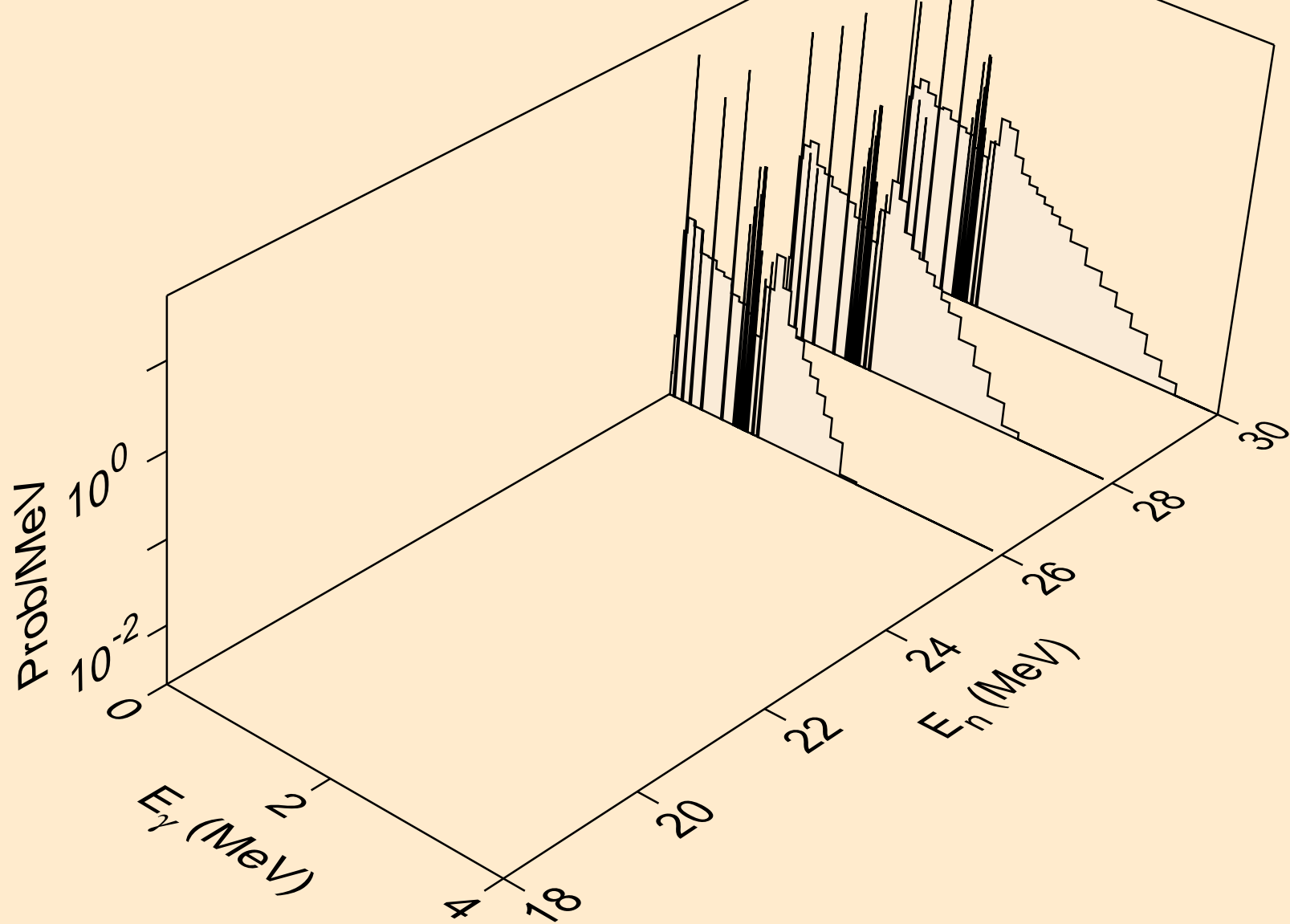
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



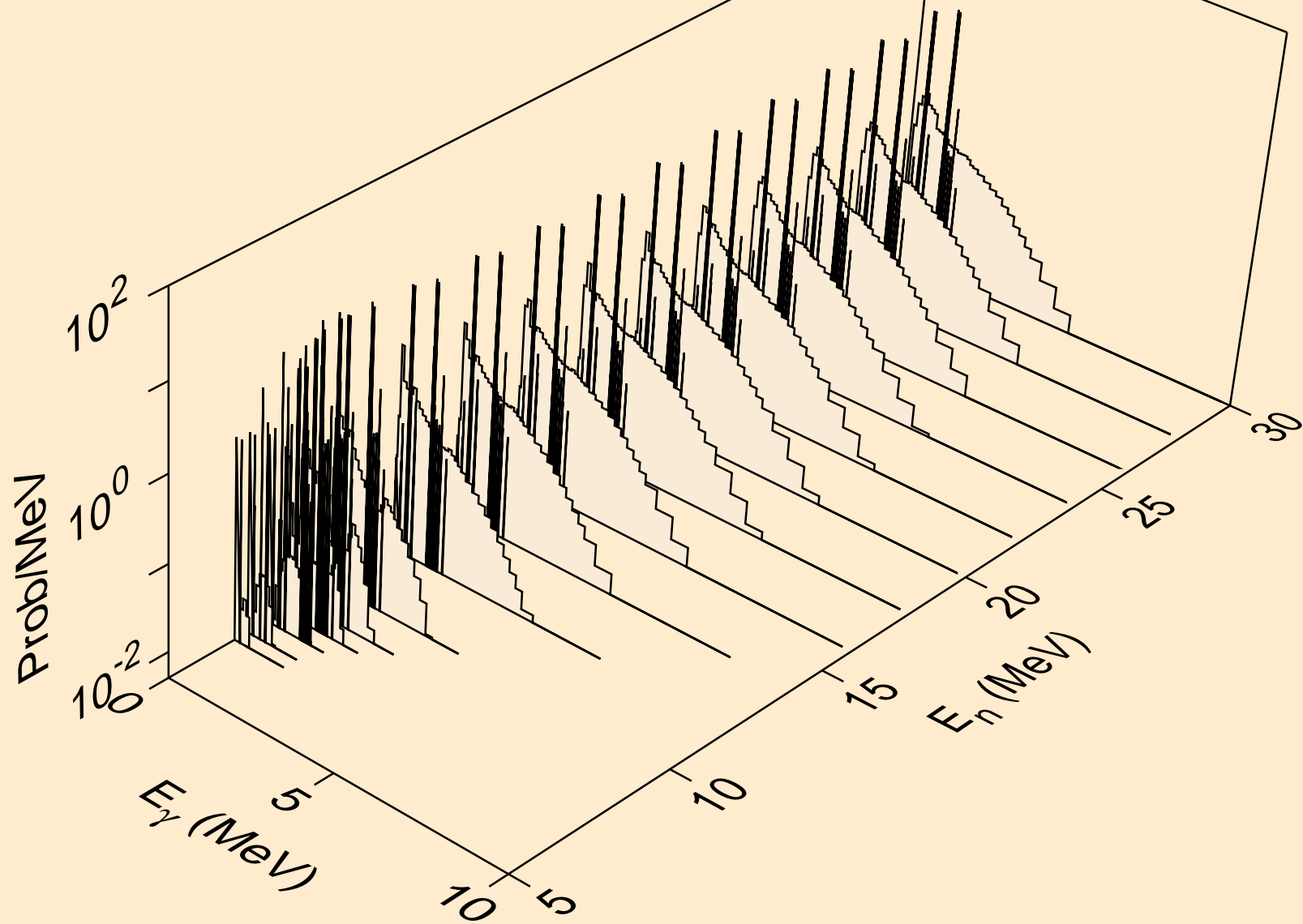
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



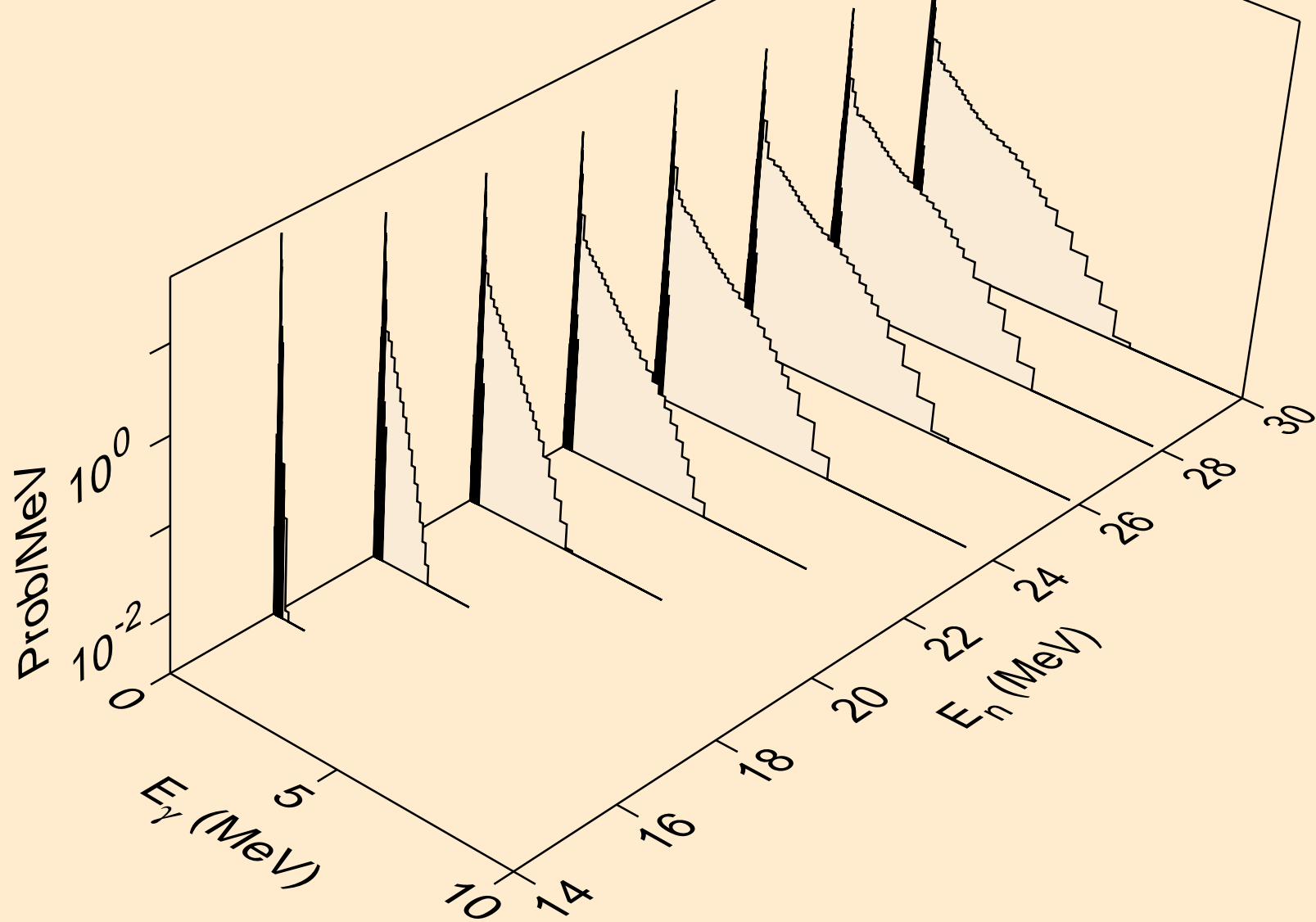
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



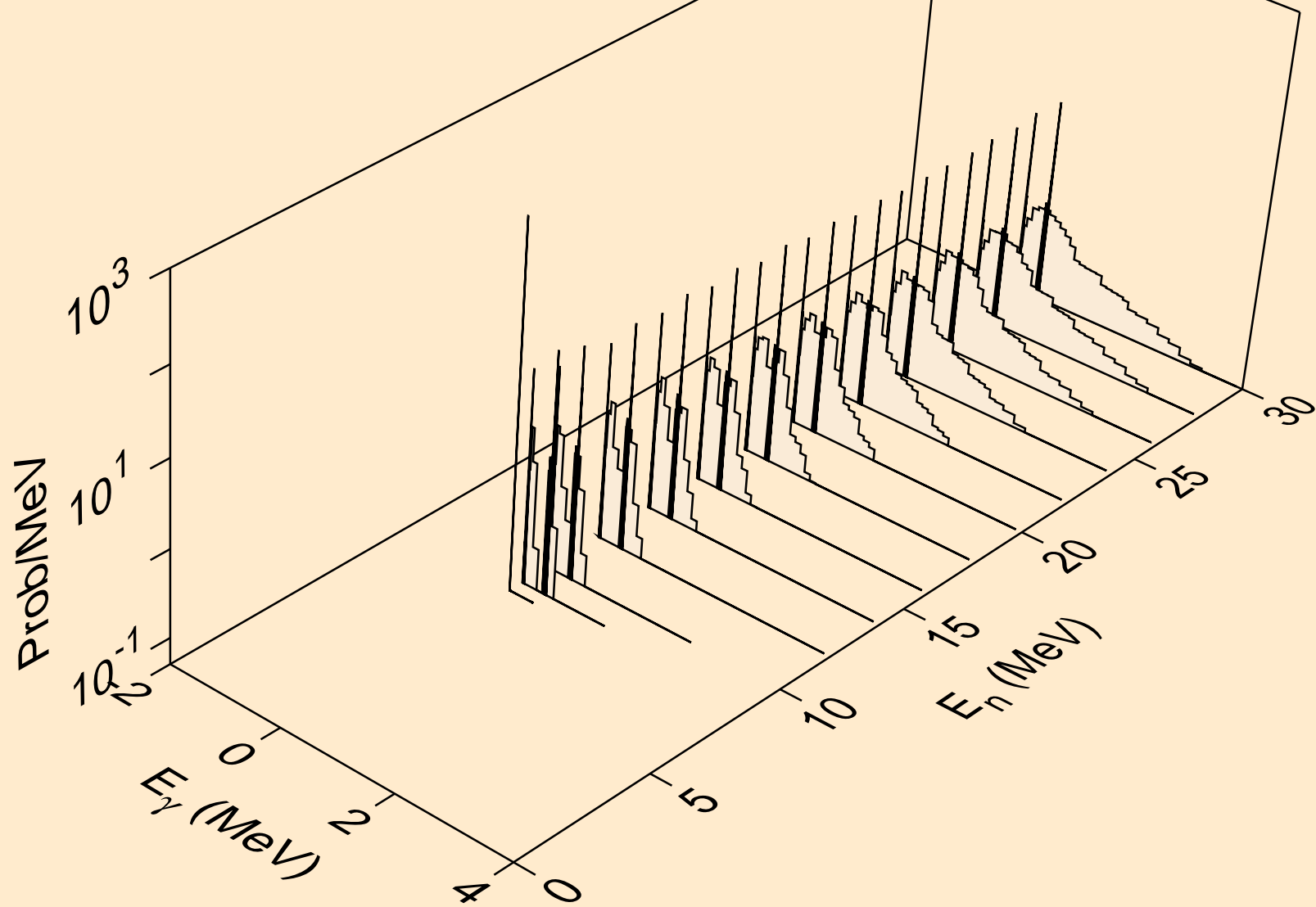
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



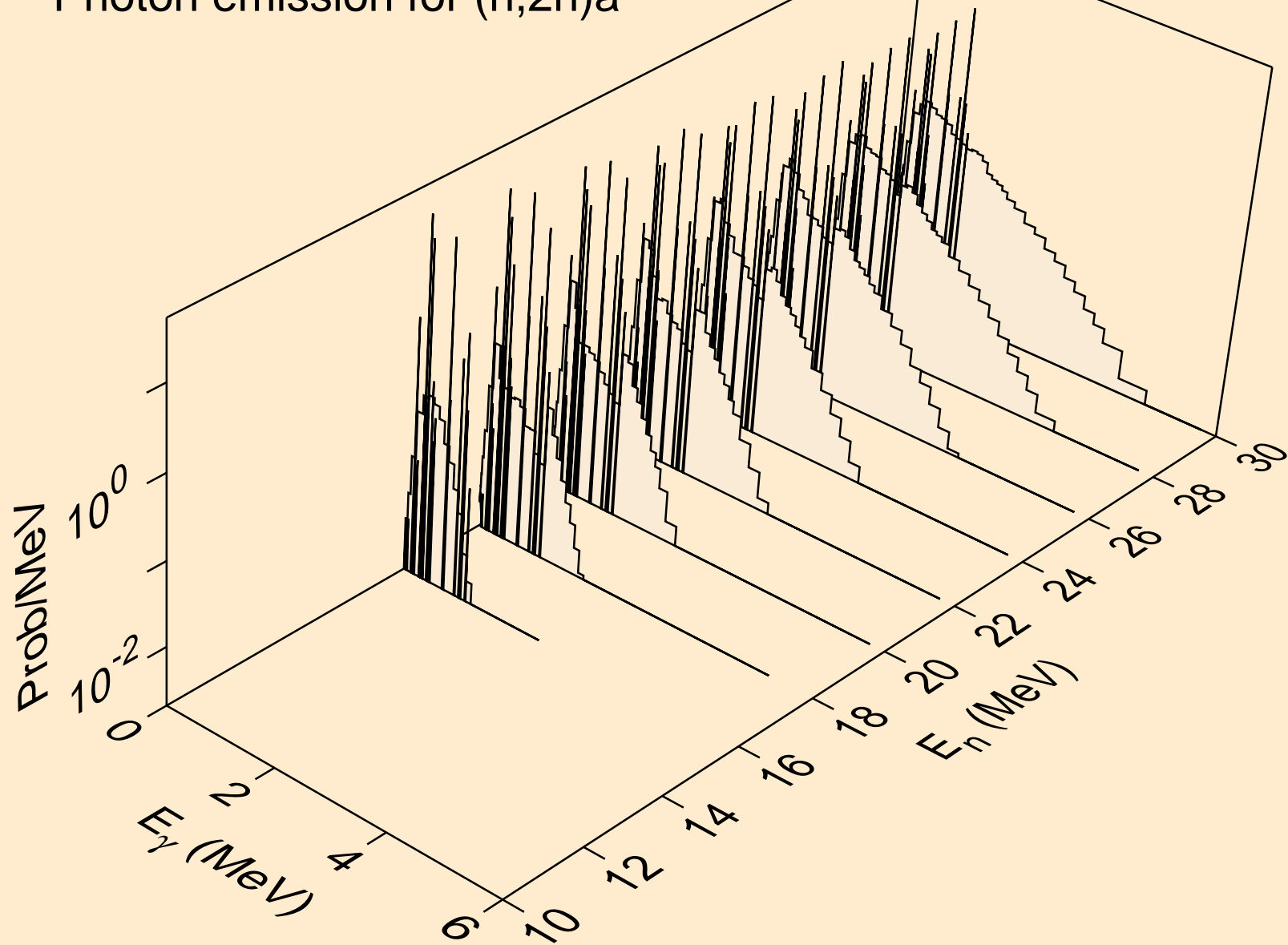
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



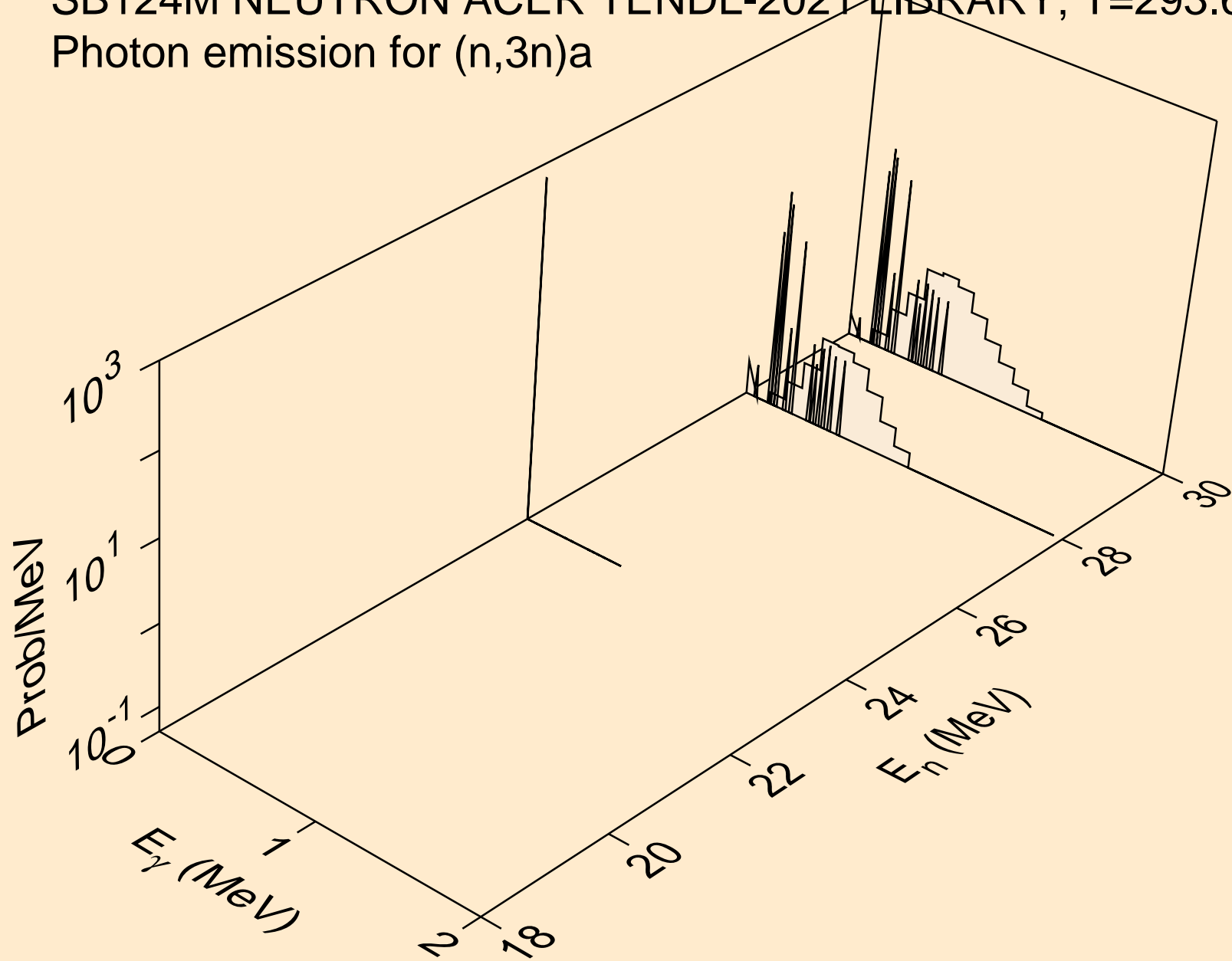
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



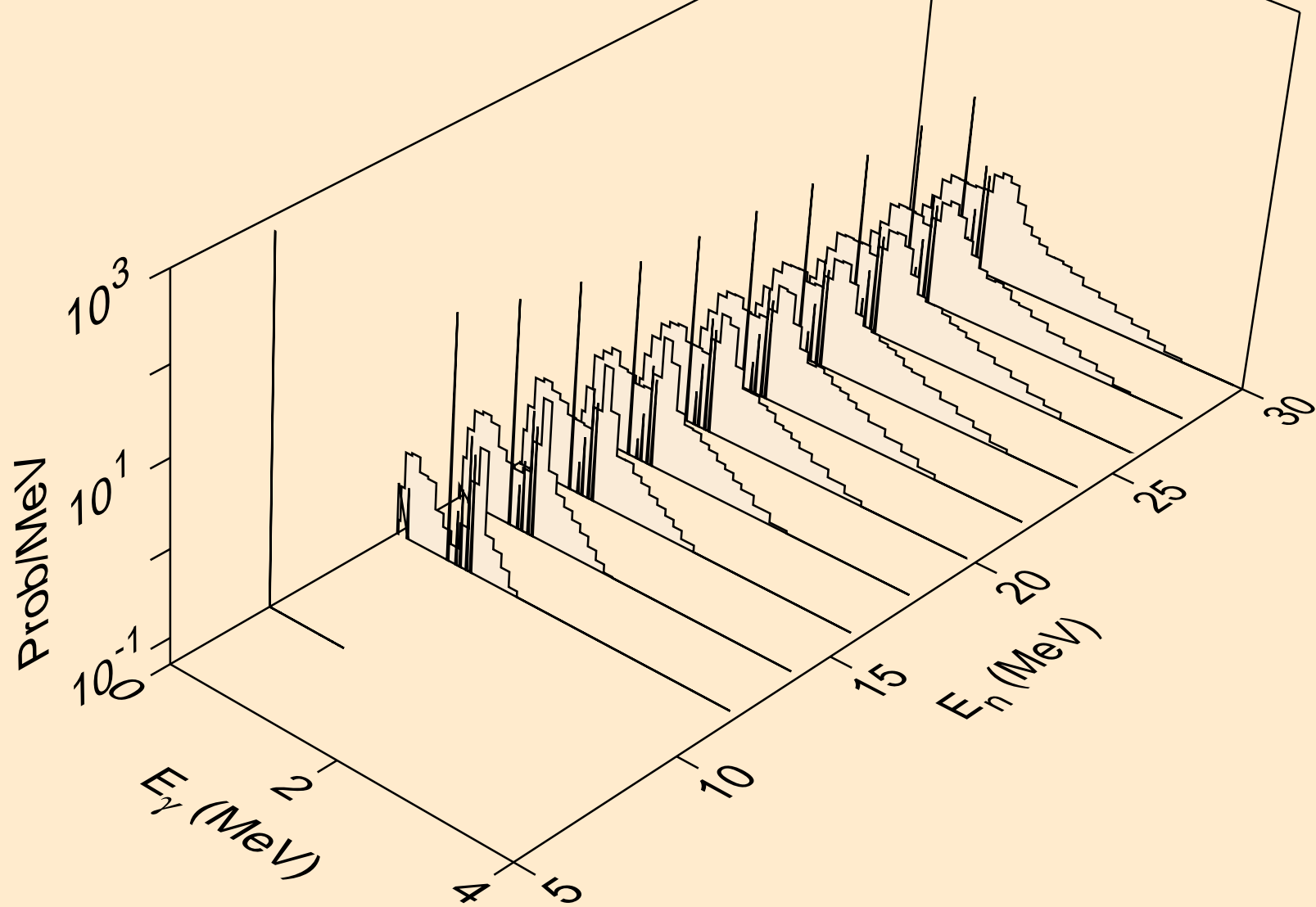
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)a



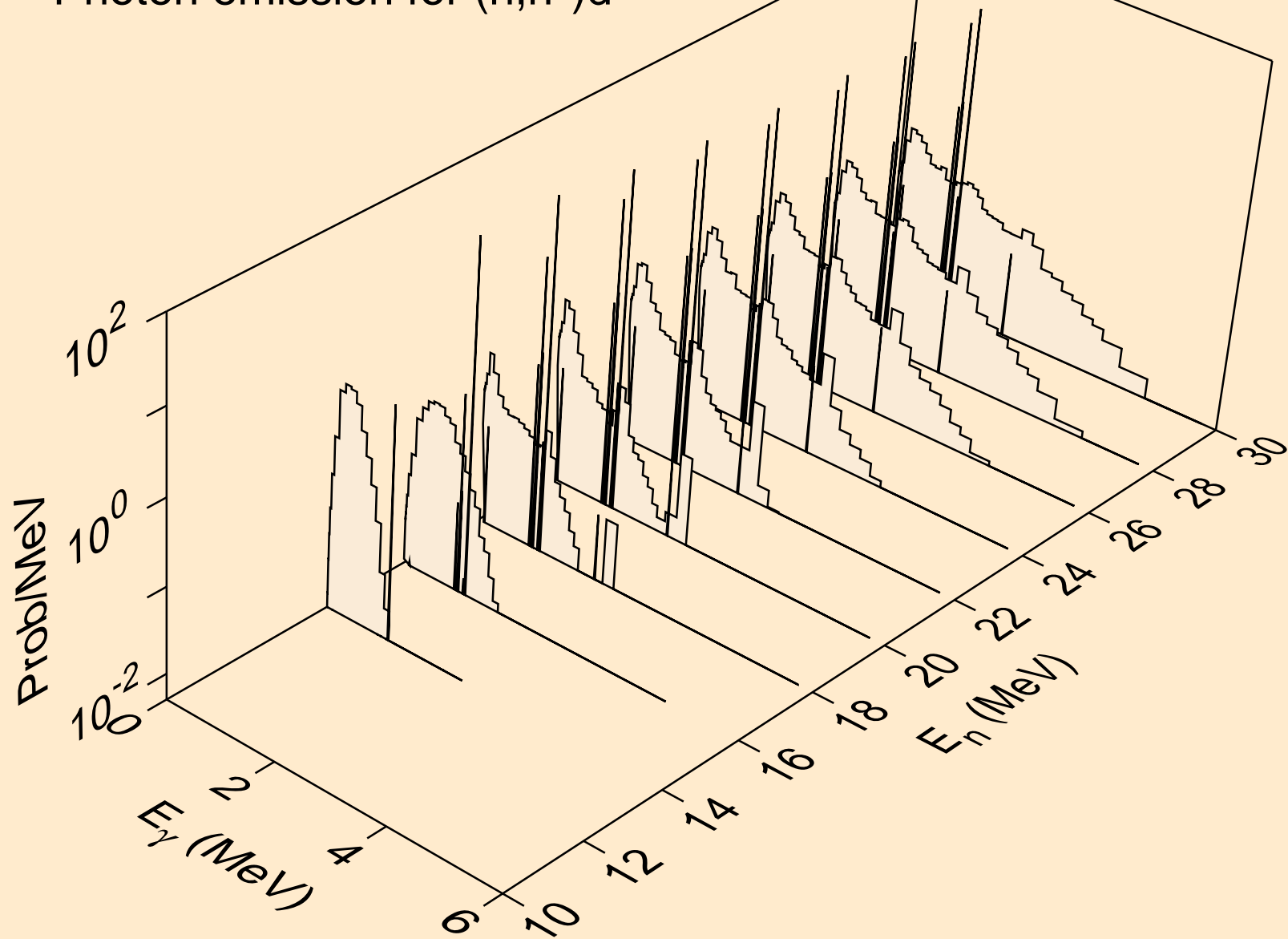
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)a



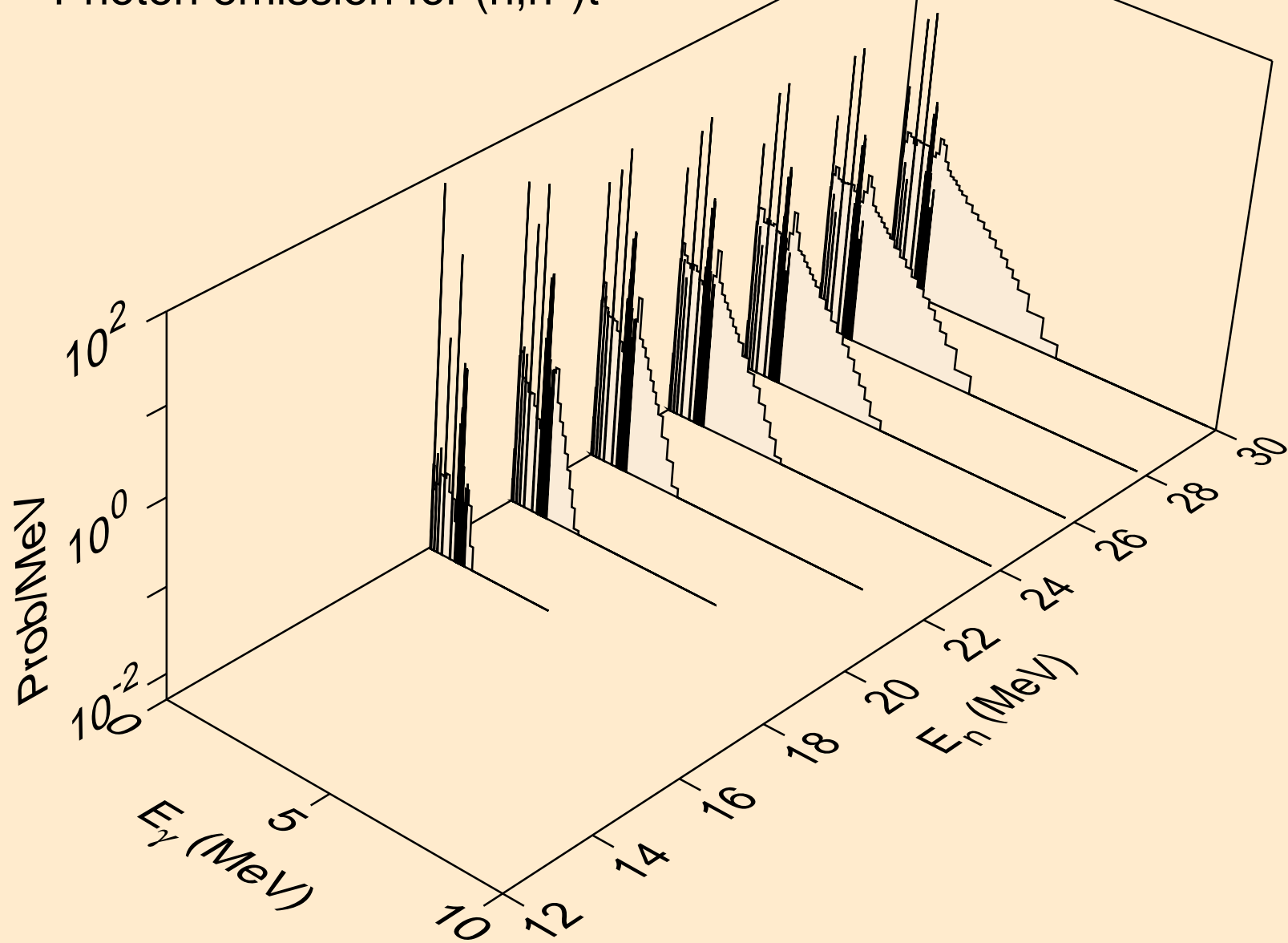
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



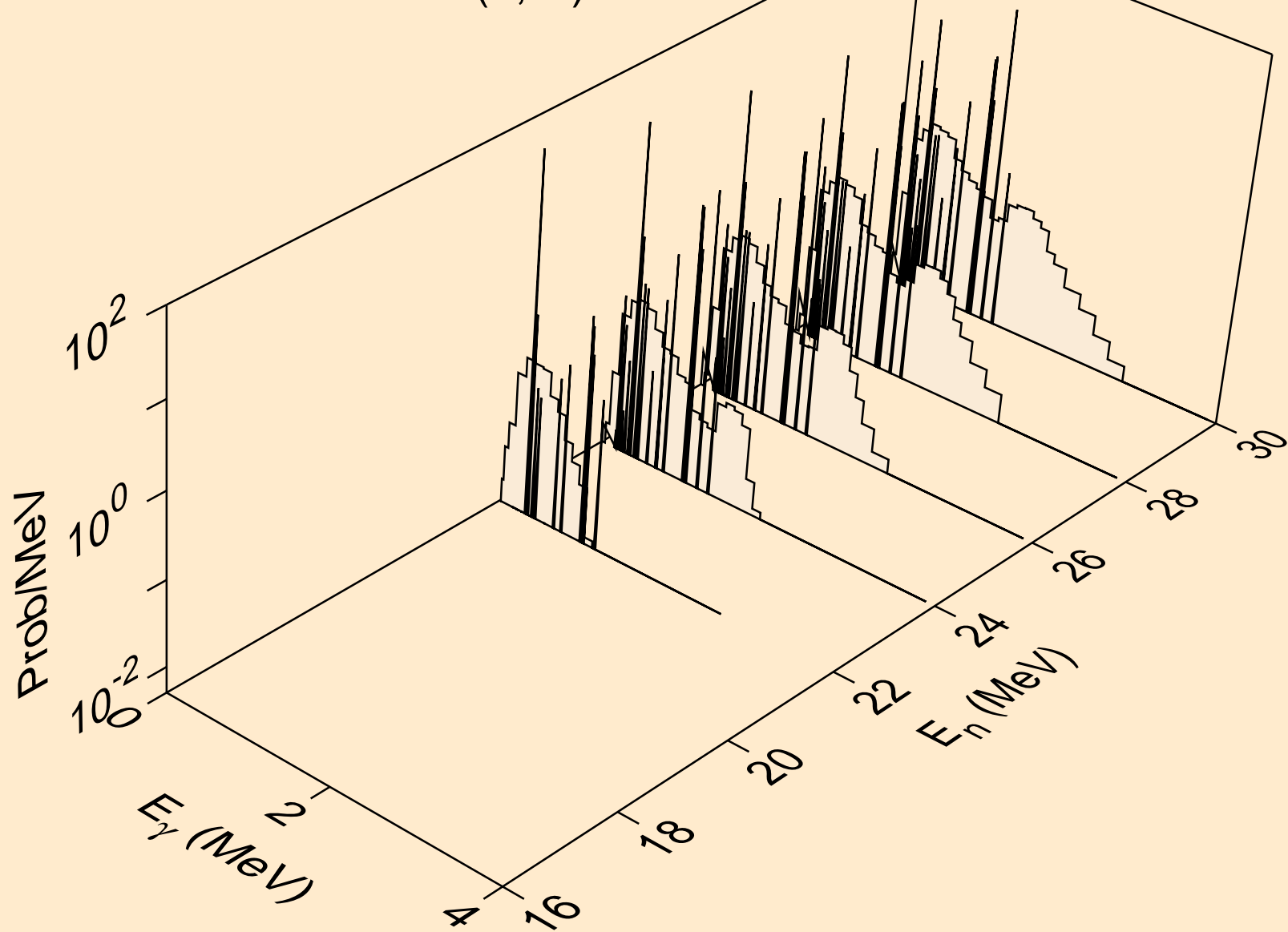
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



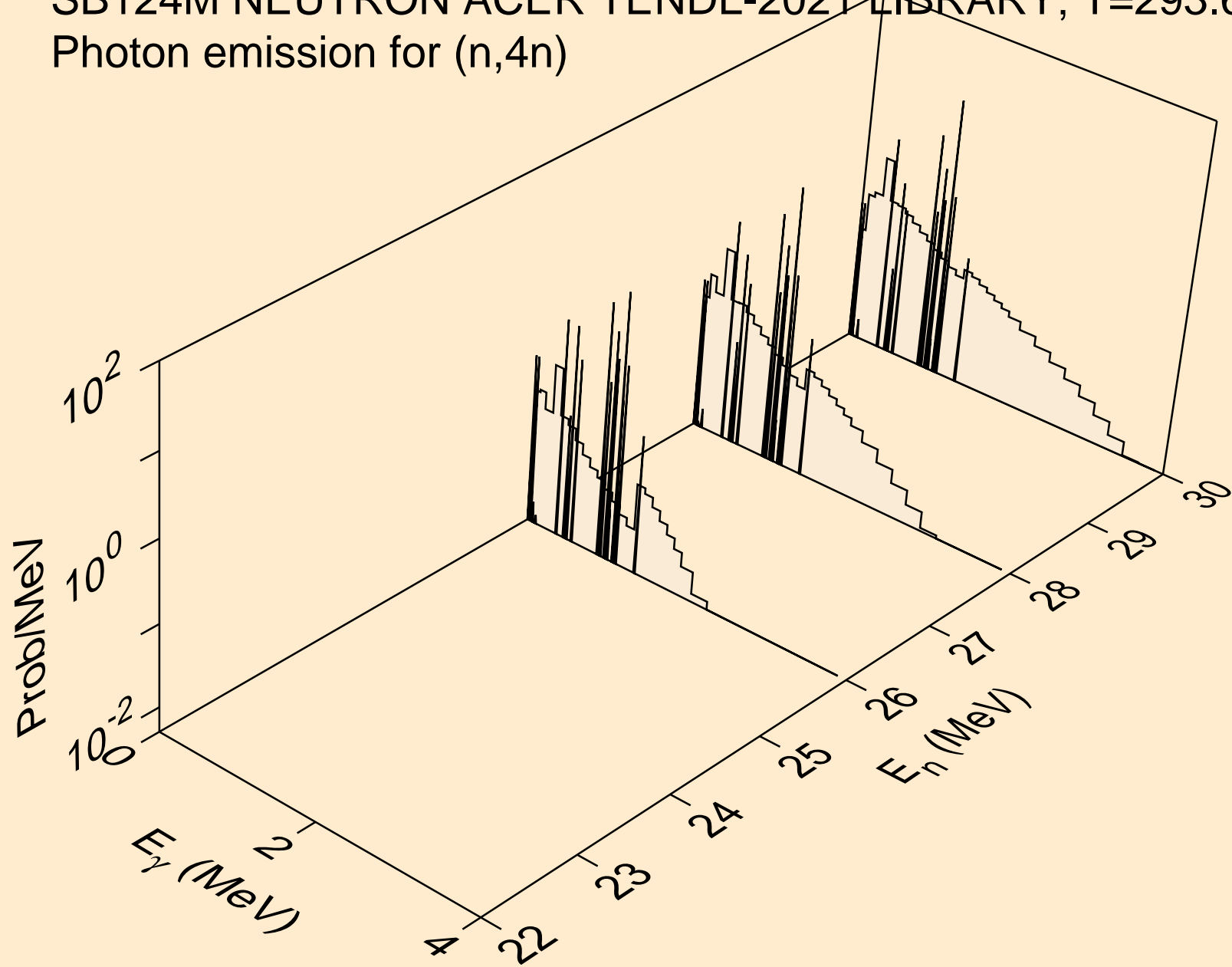
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



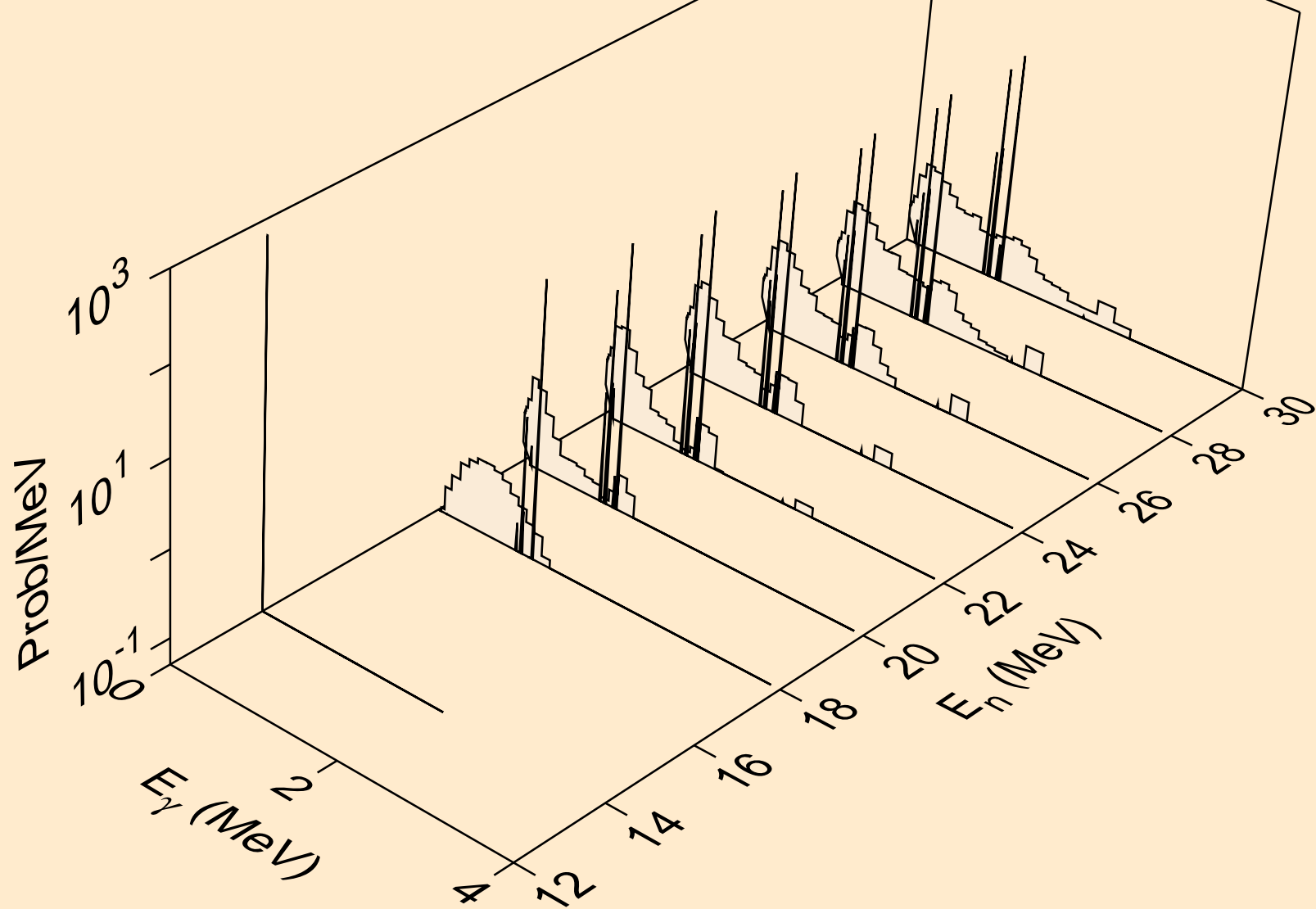
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



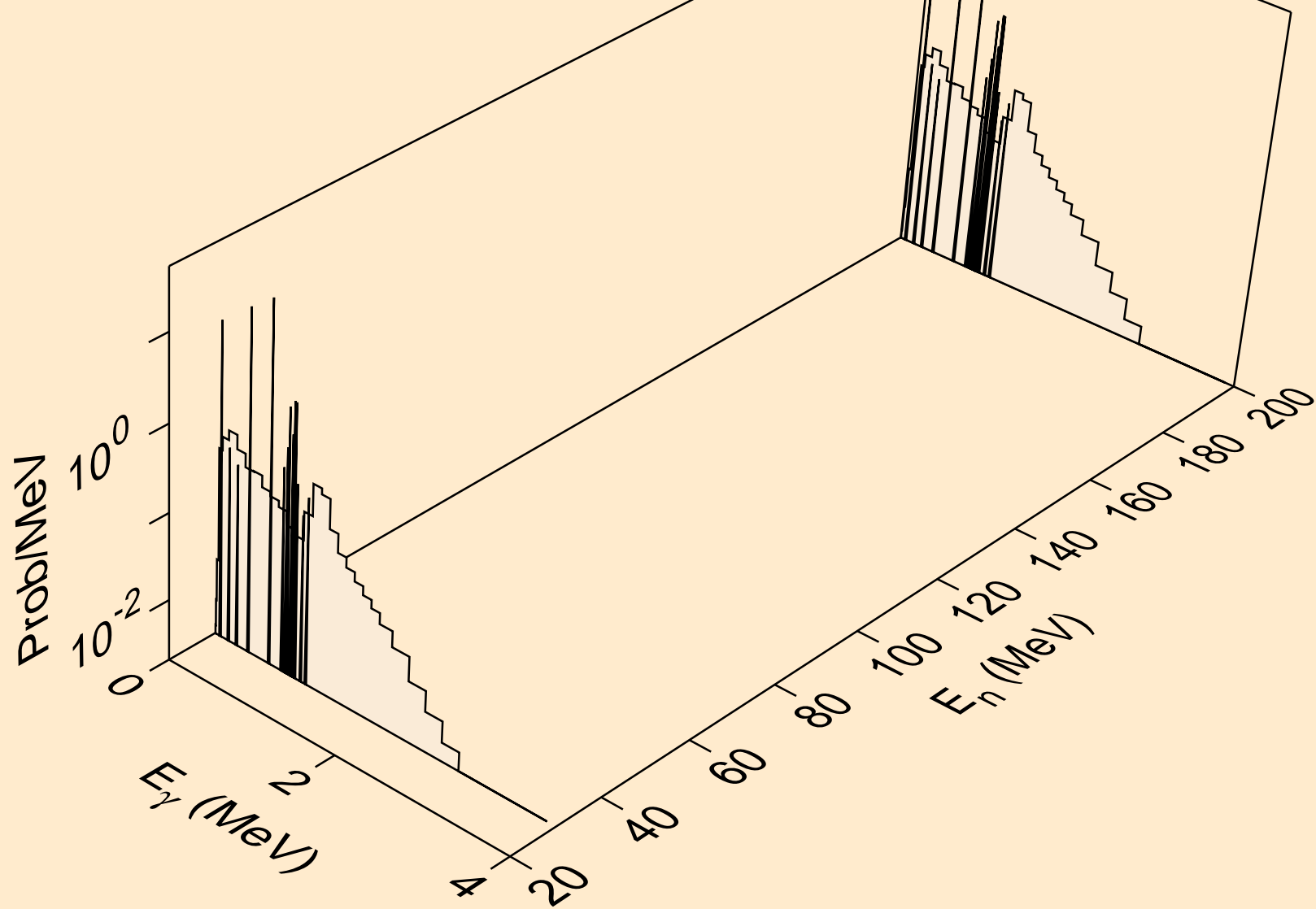
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



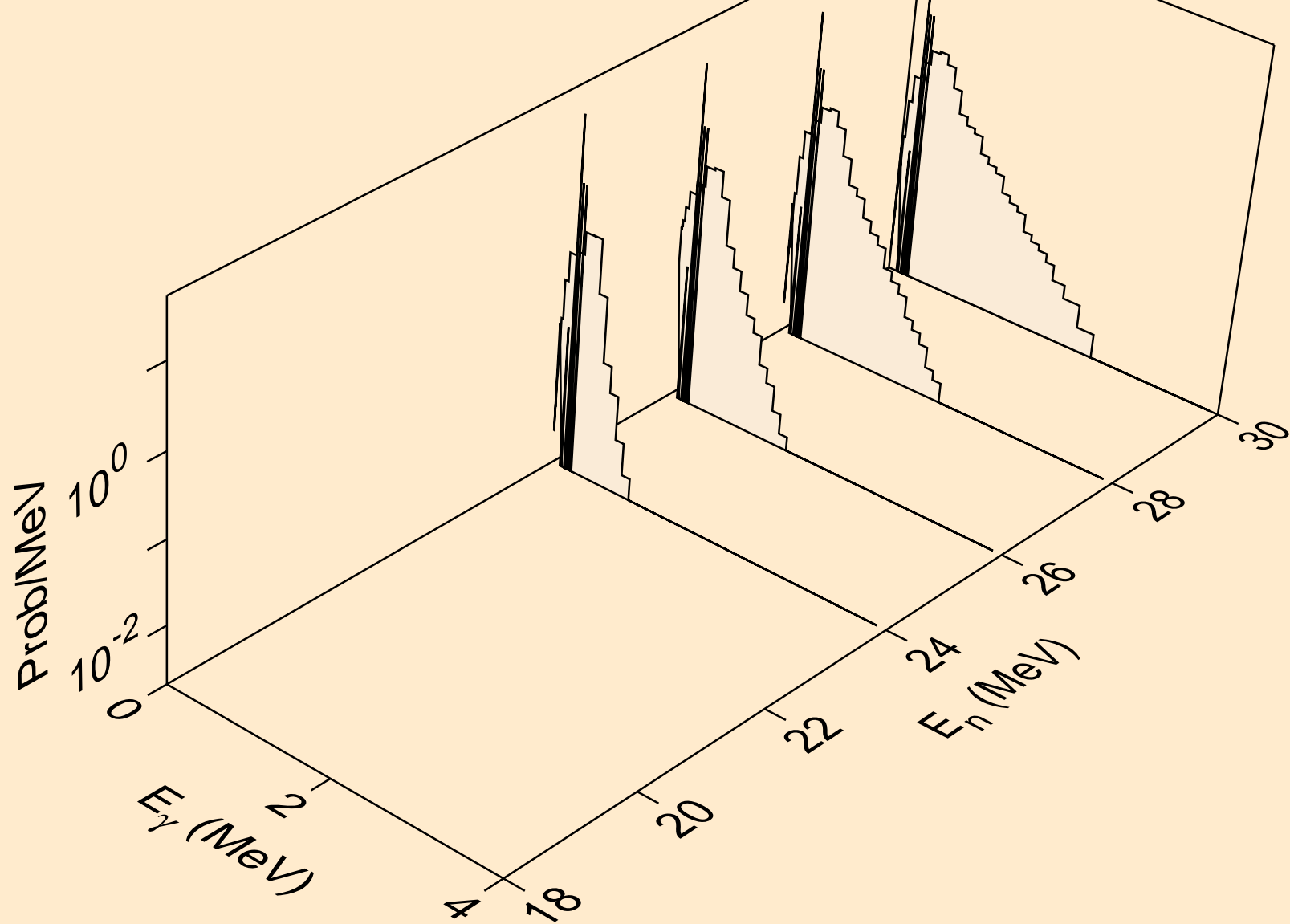
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



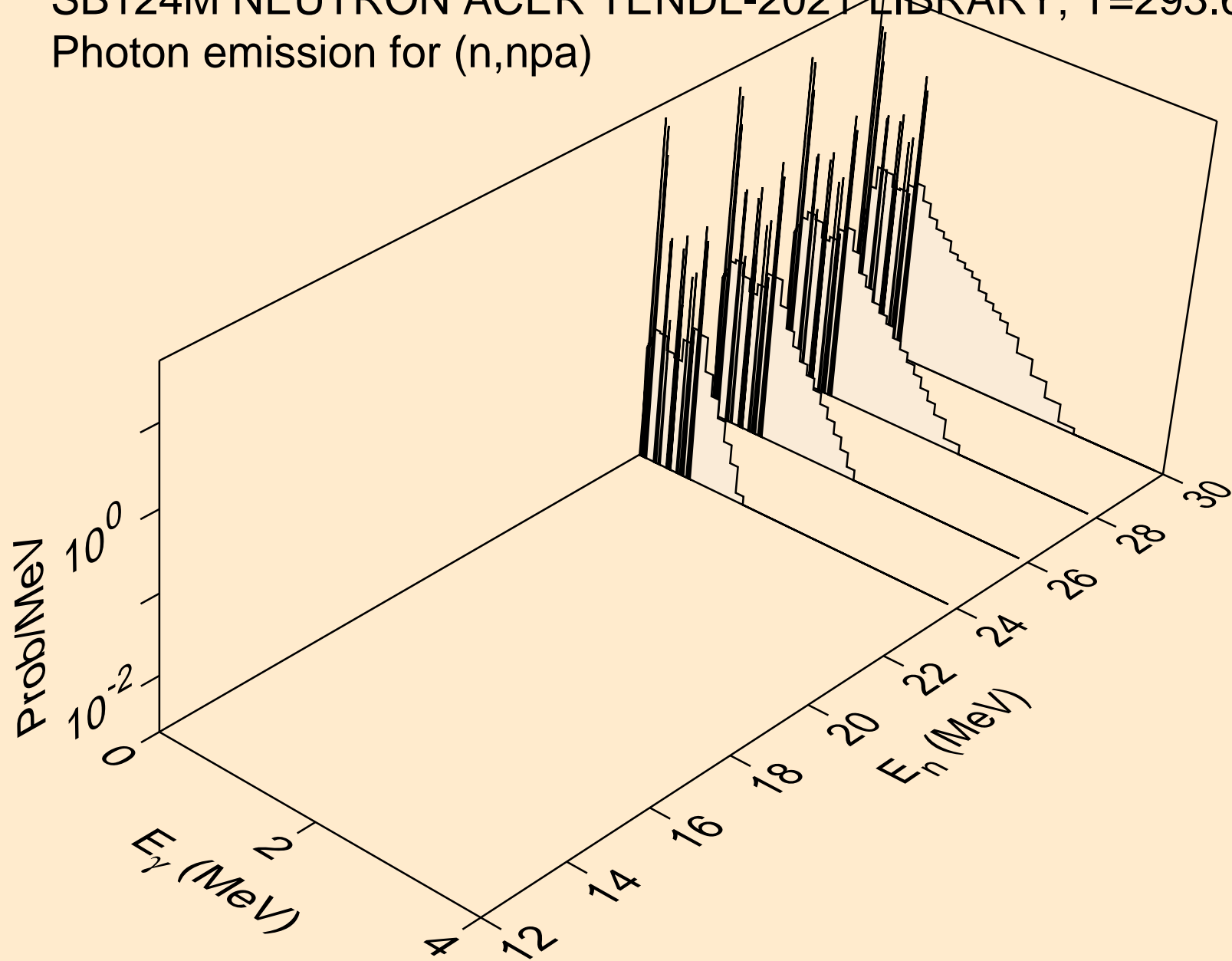
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



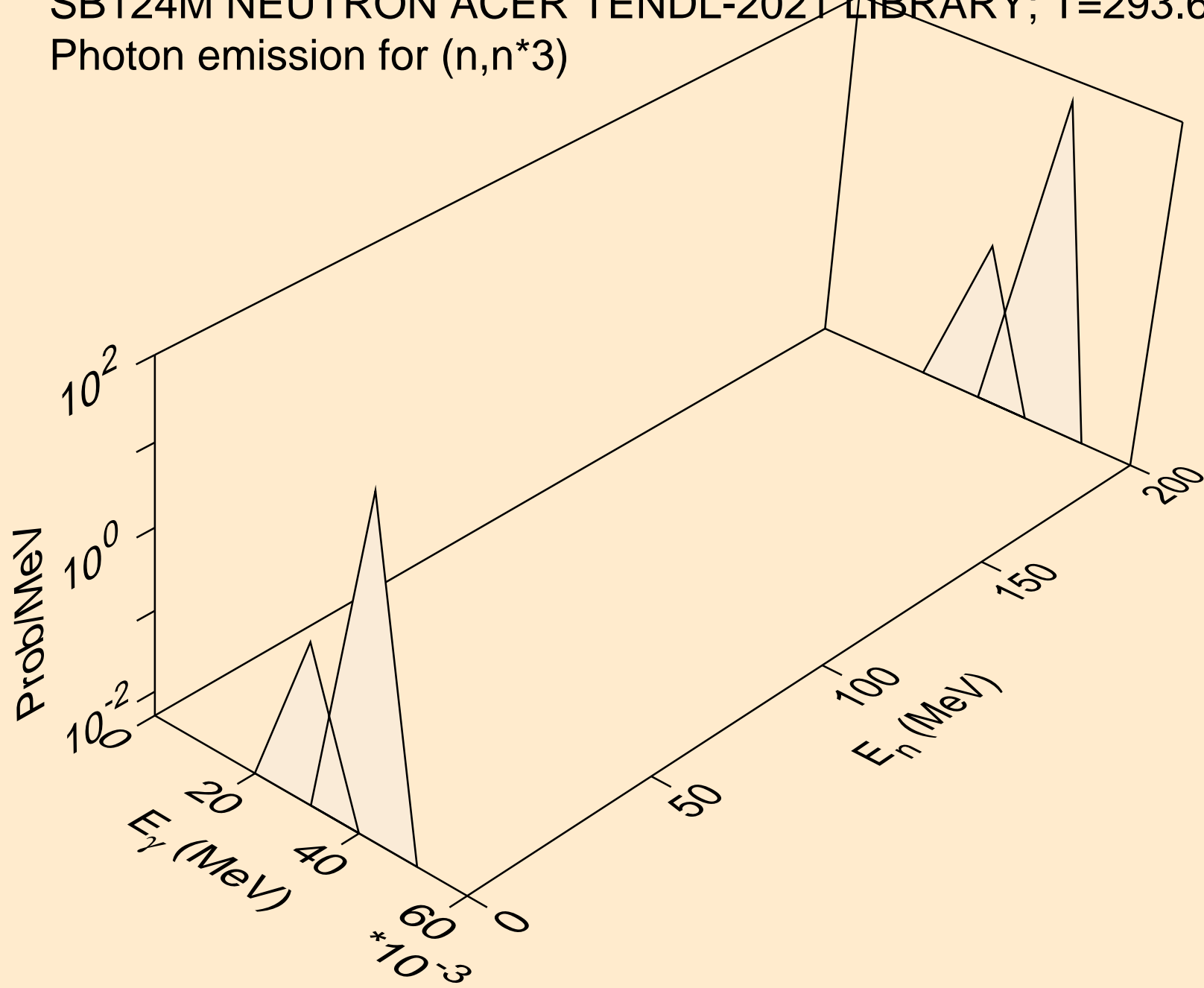
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



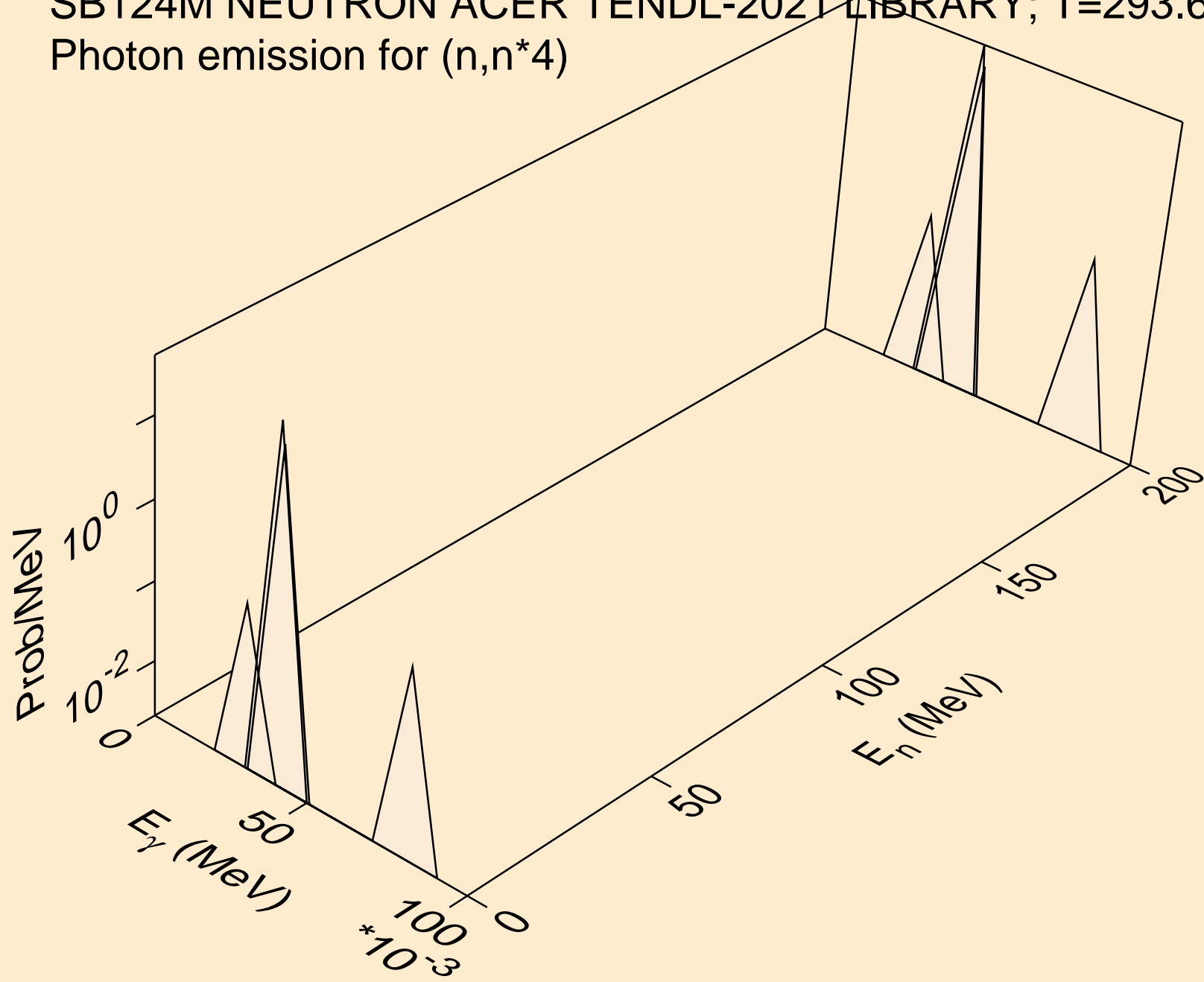
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



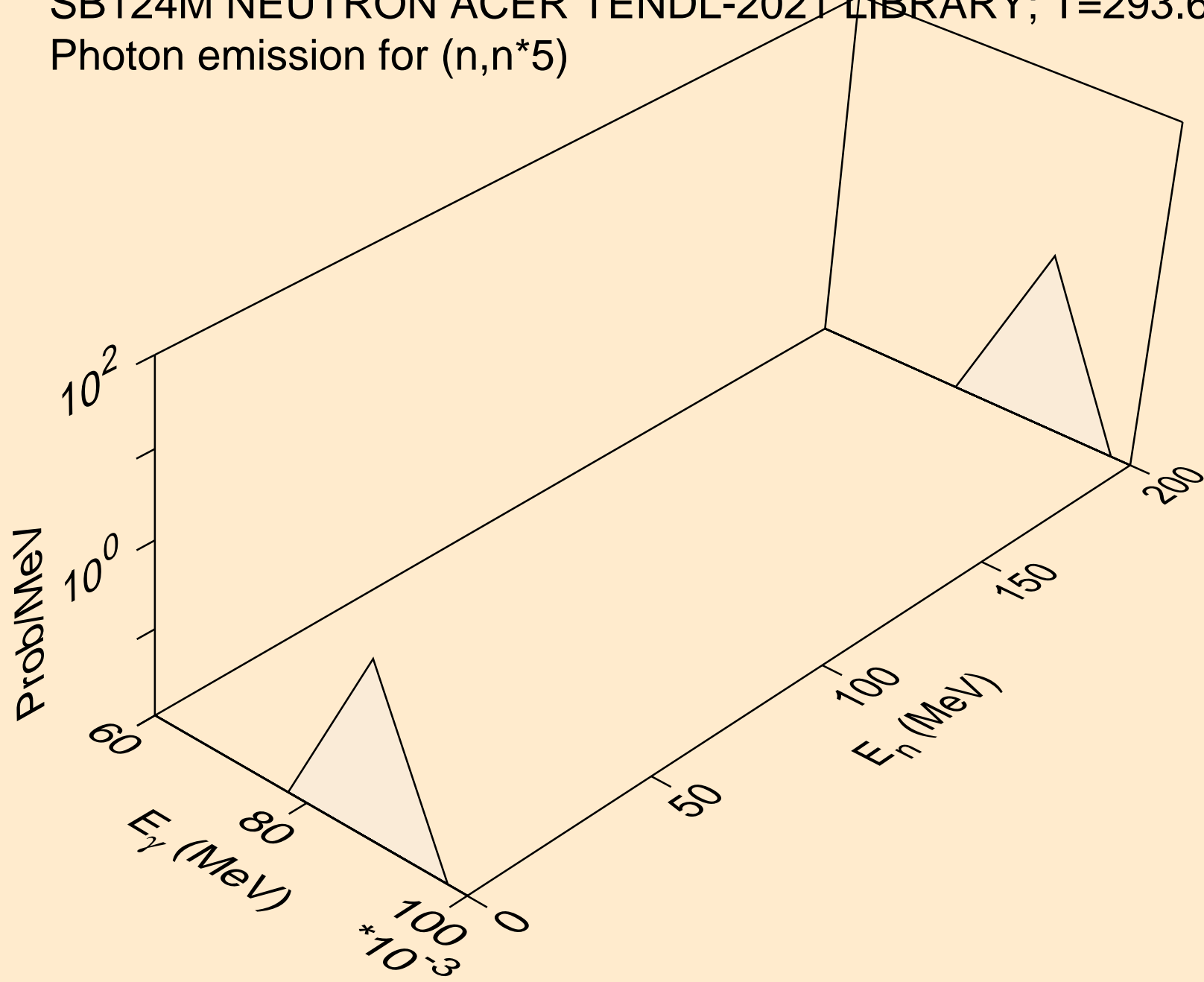
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*3)



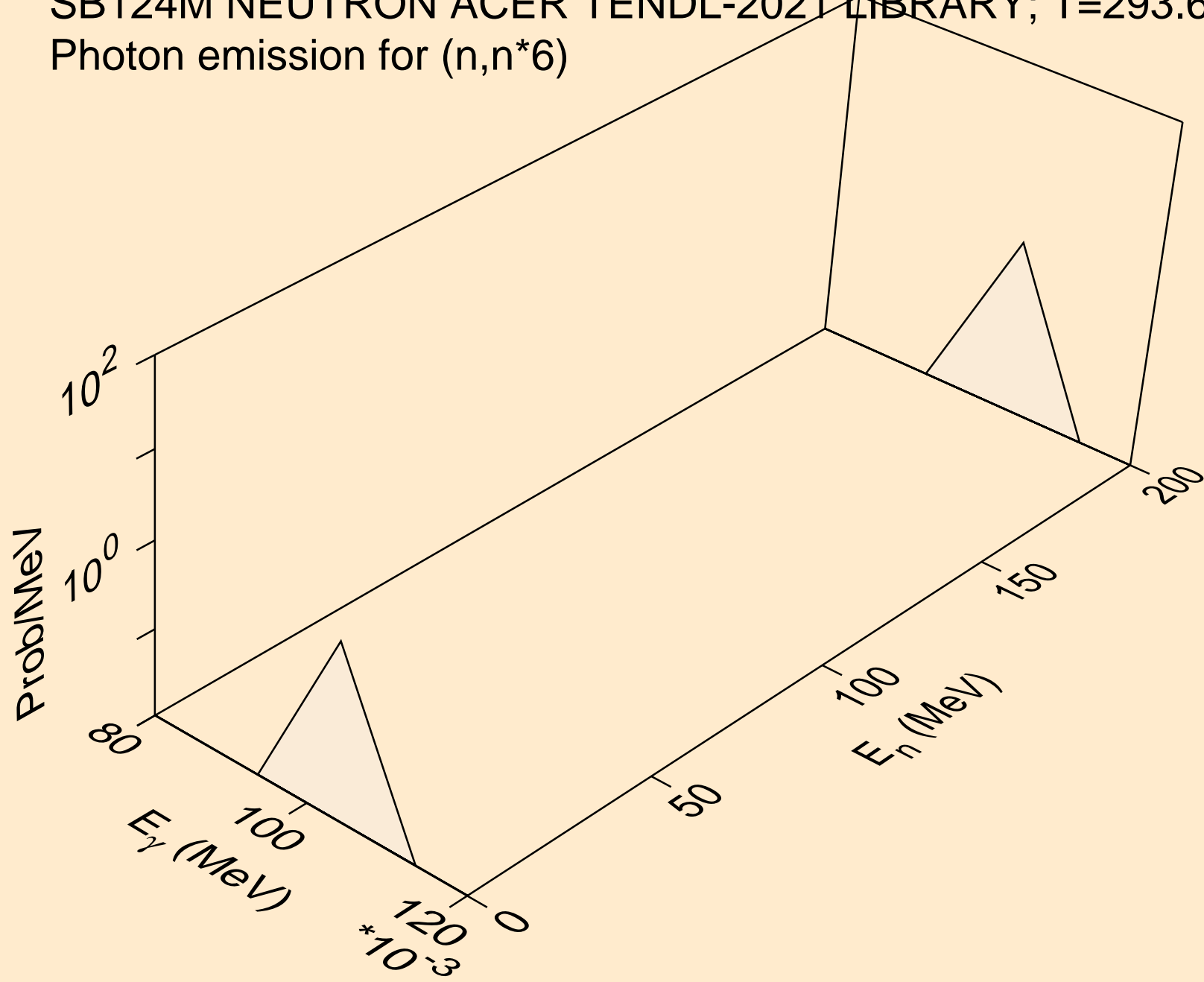
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*4)



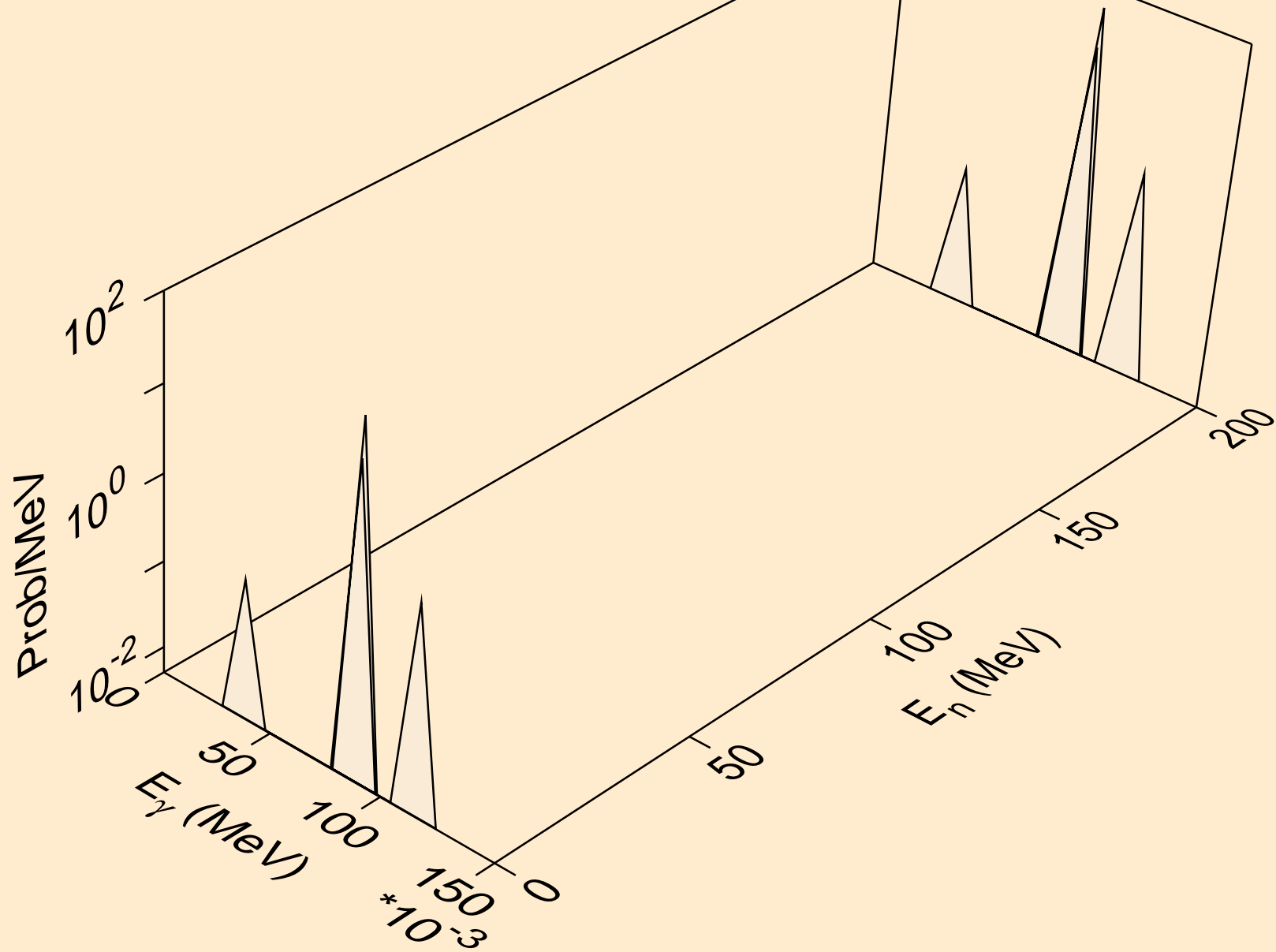
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*5)



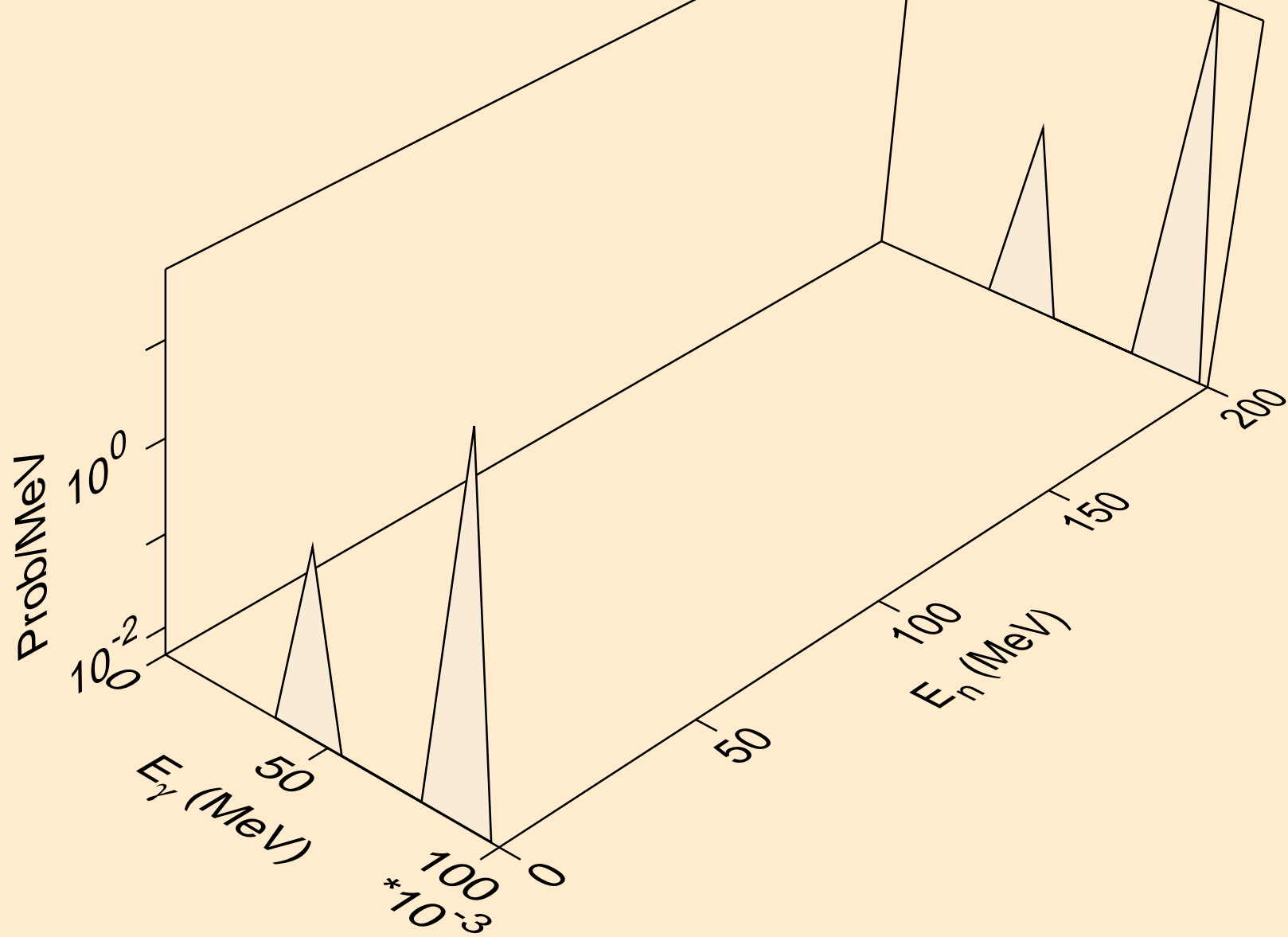
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*6)



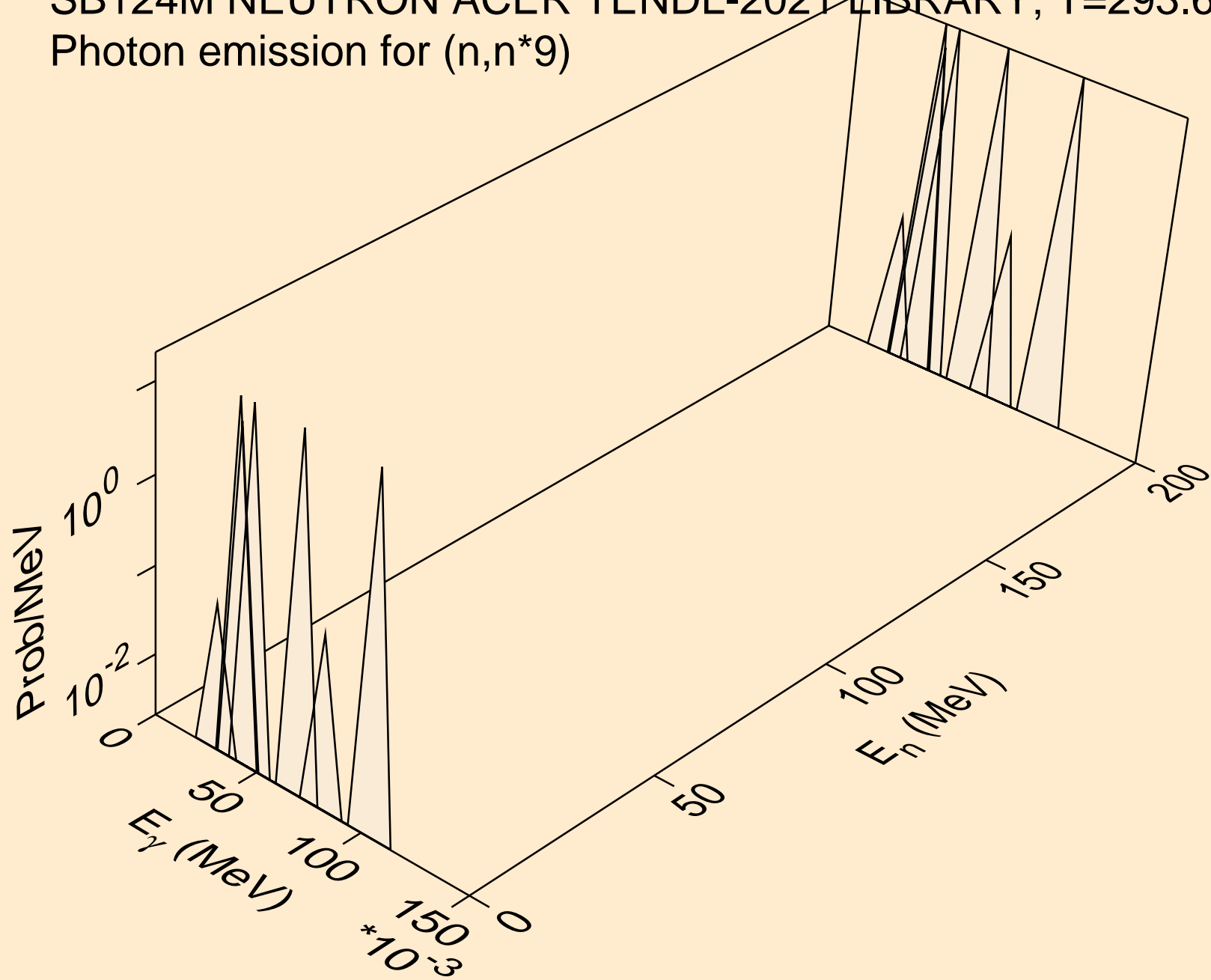
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*7)



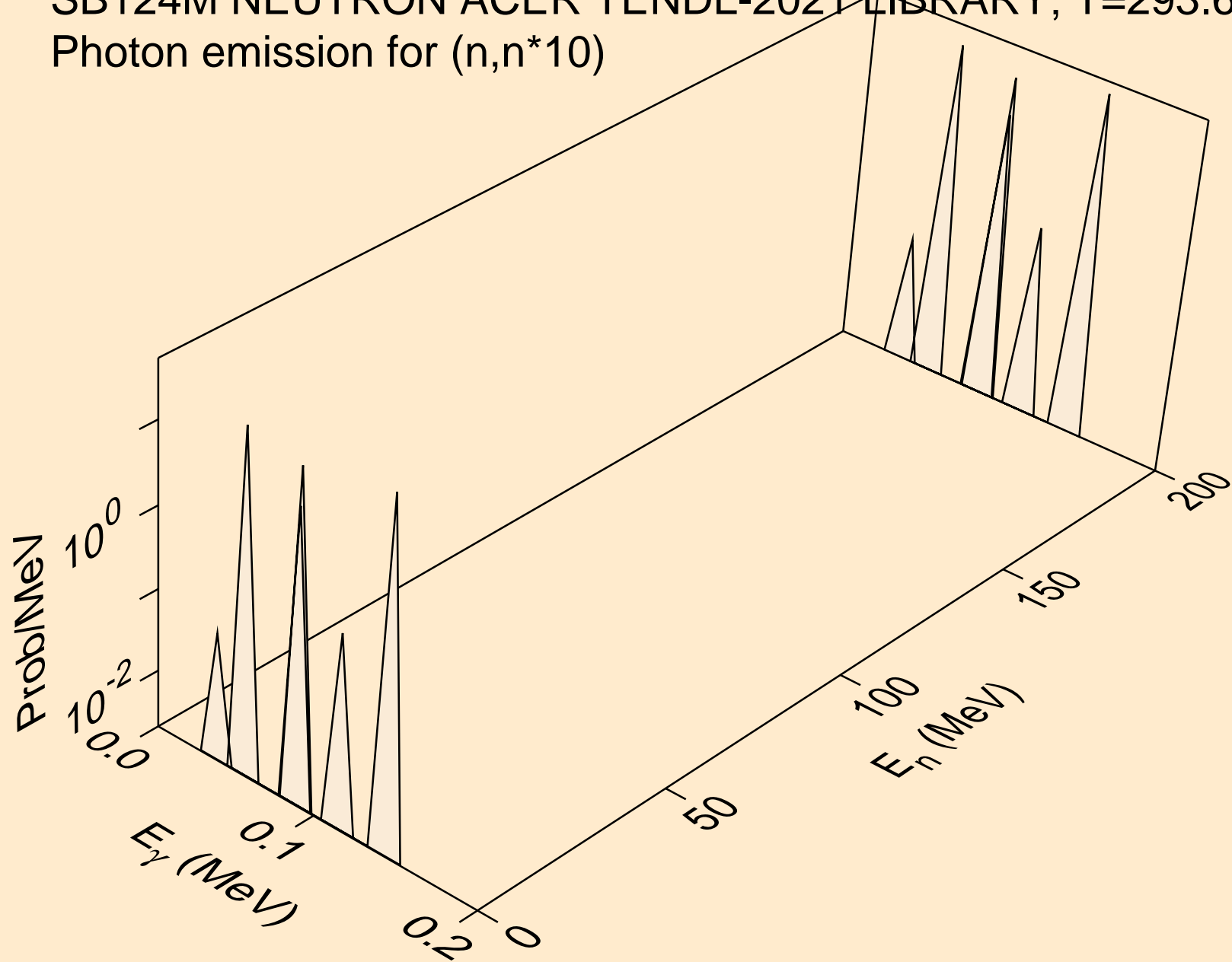
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*8)



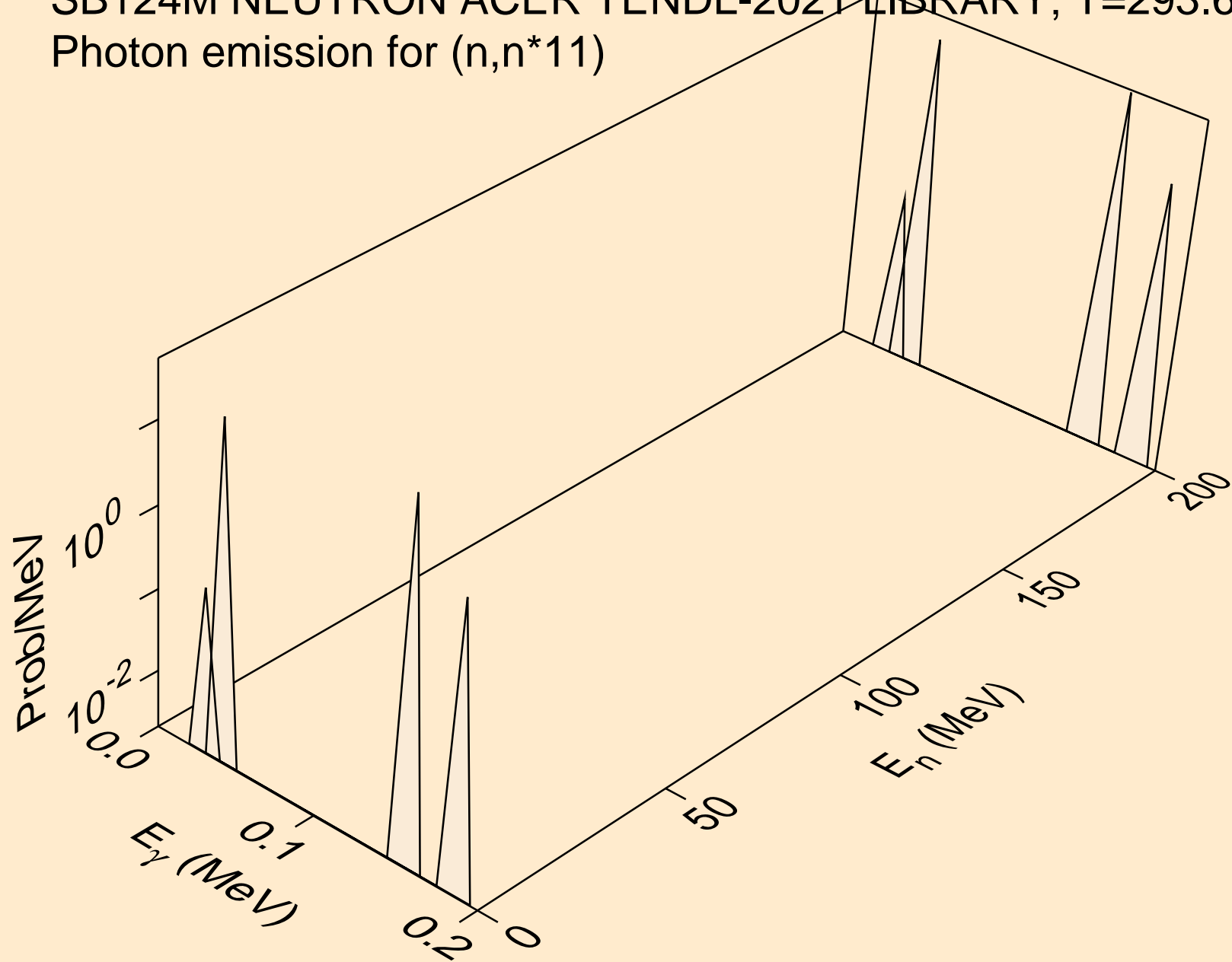
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*9)



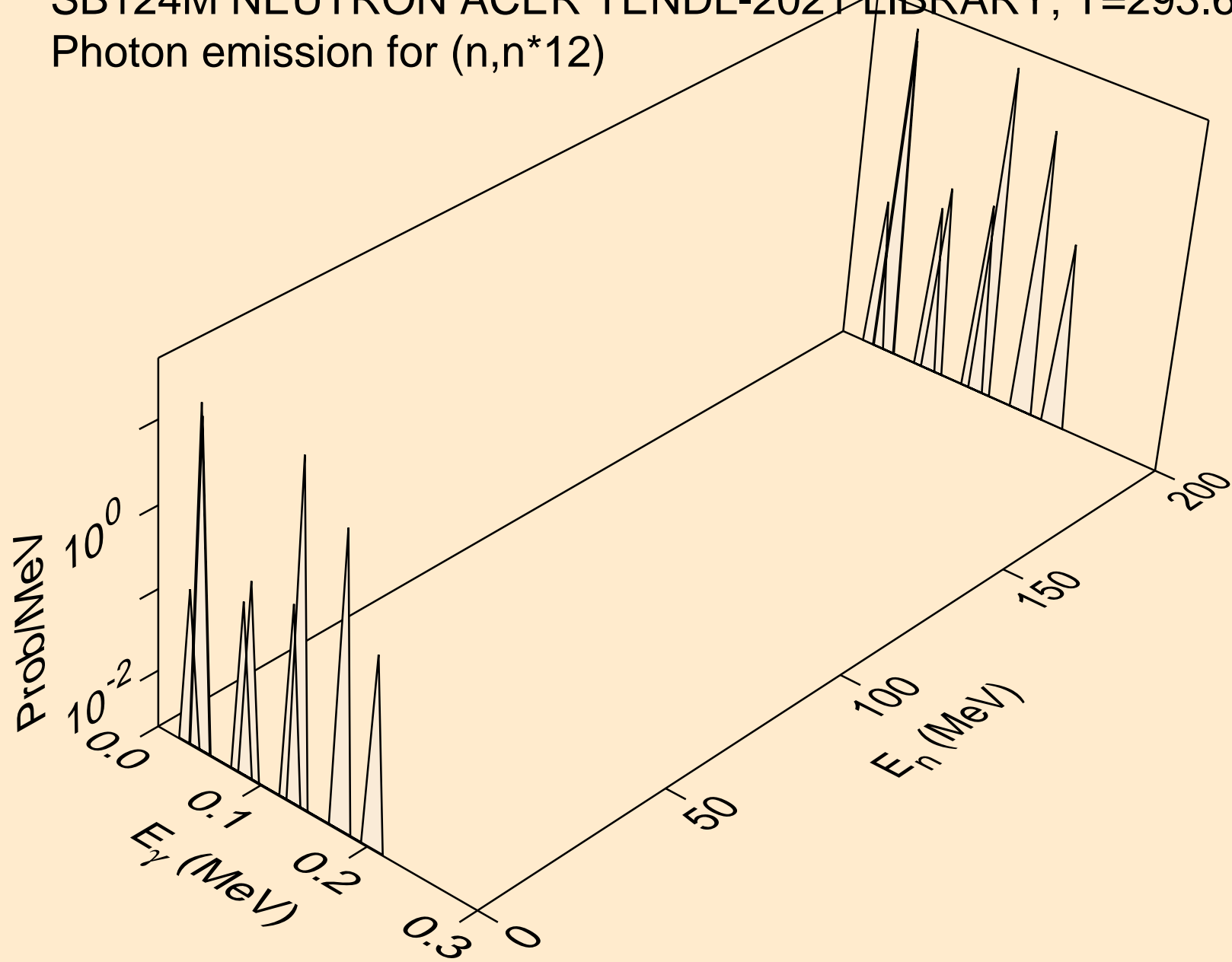
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*10)



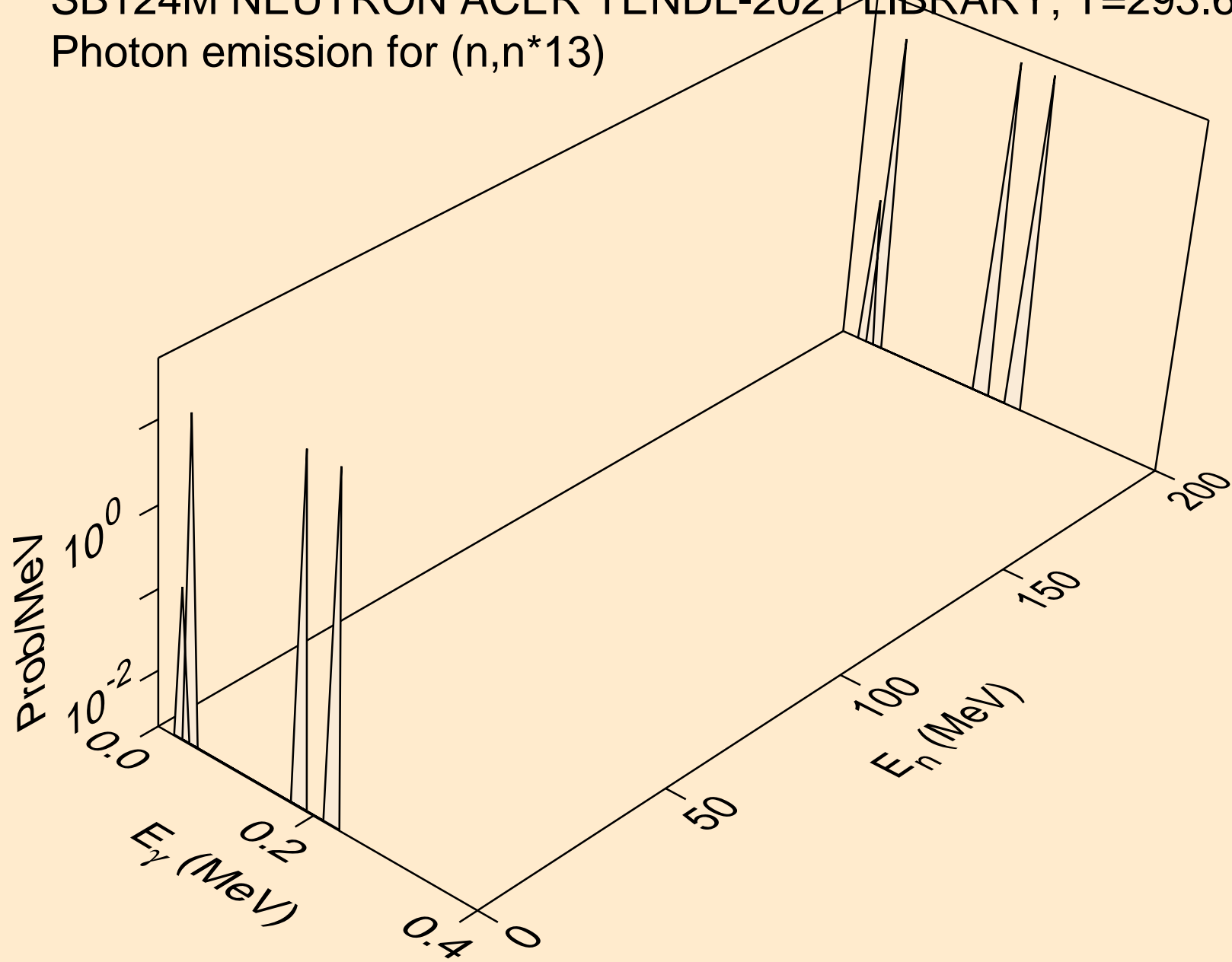
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*11)



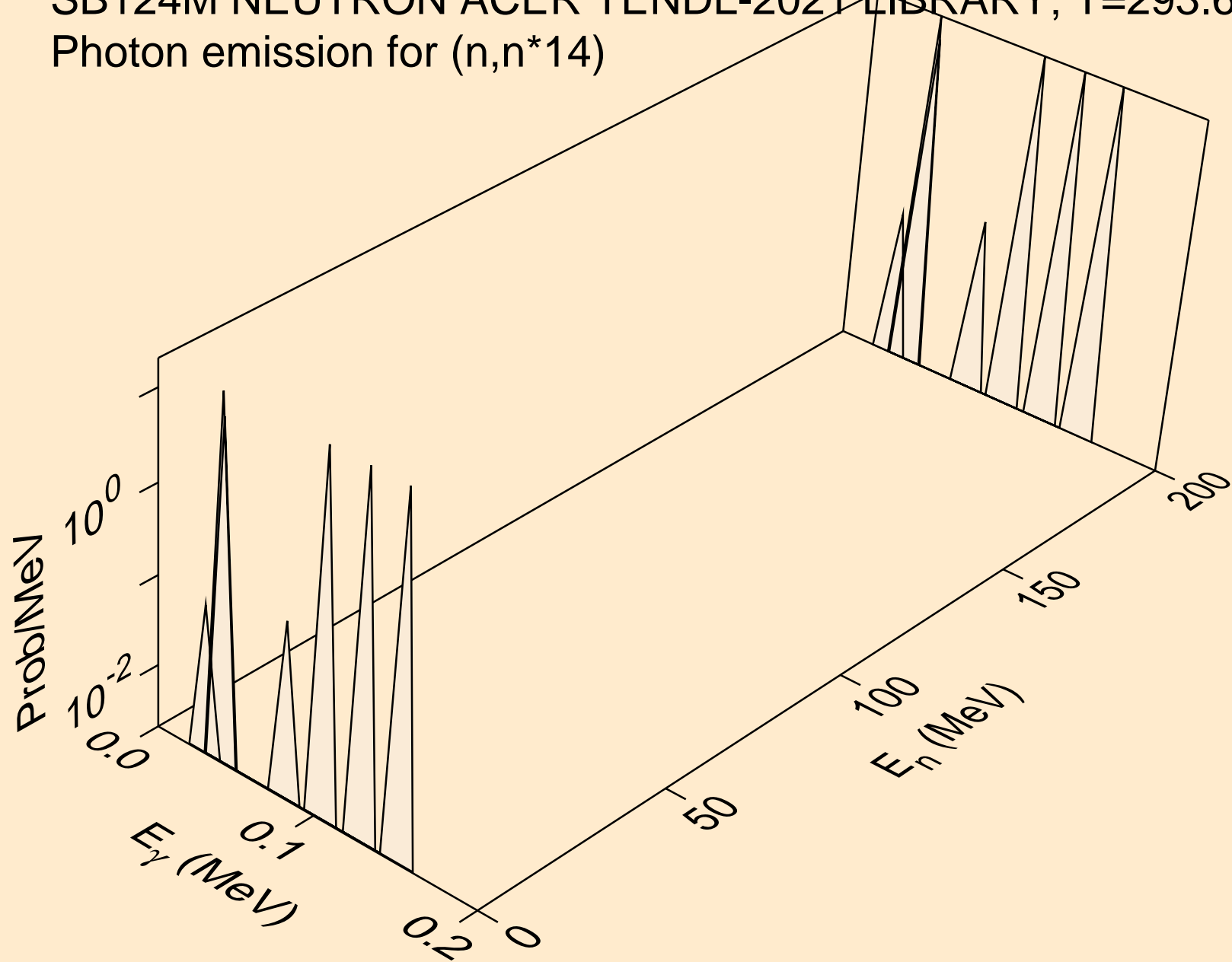
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*12)



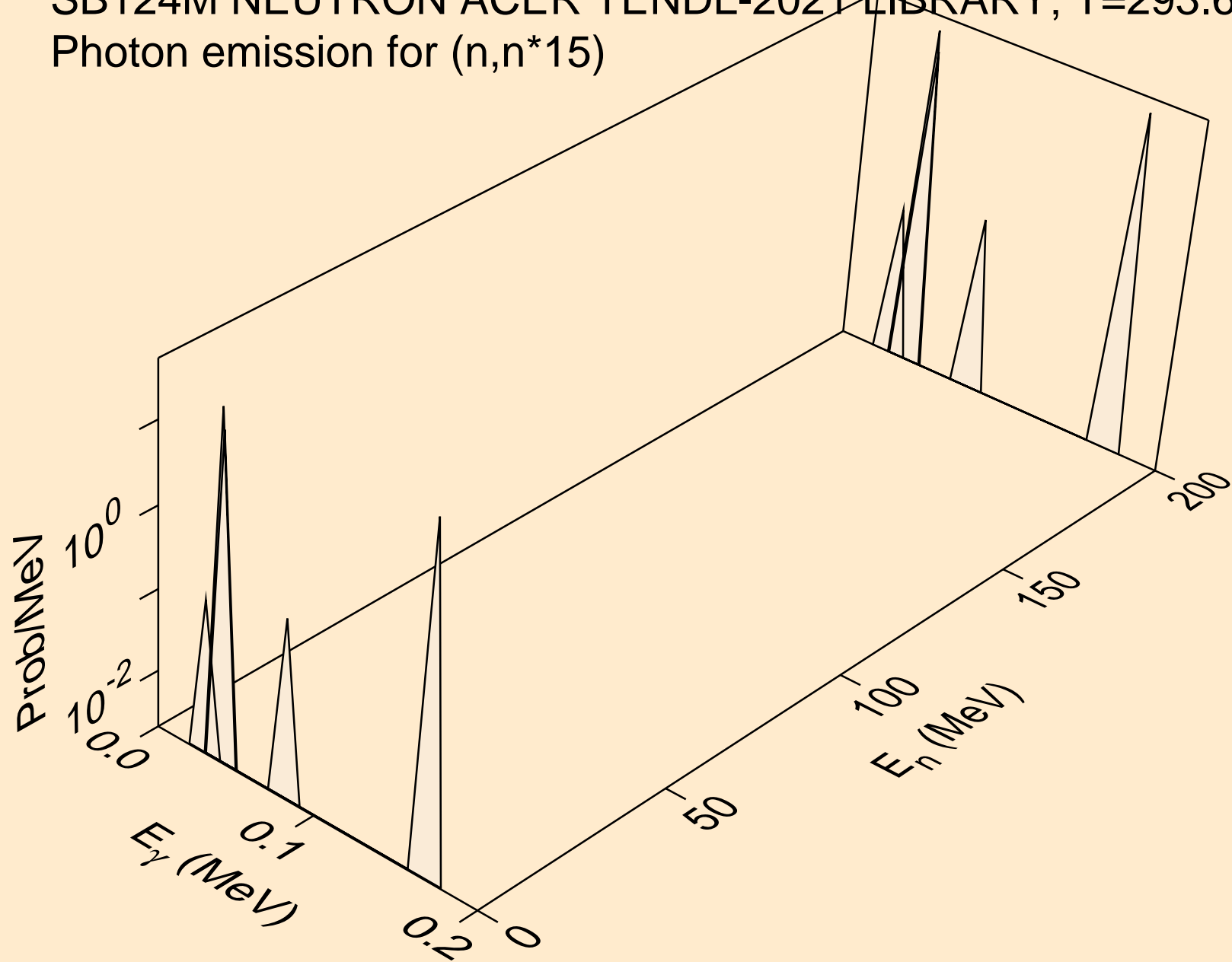
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*13)



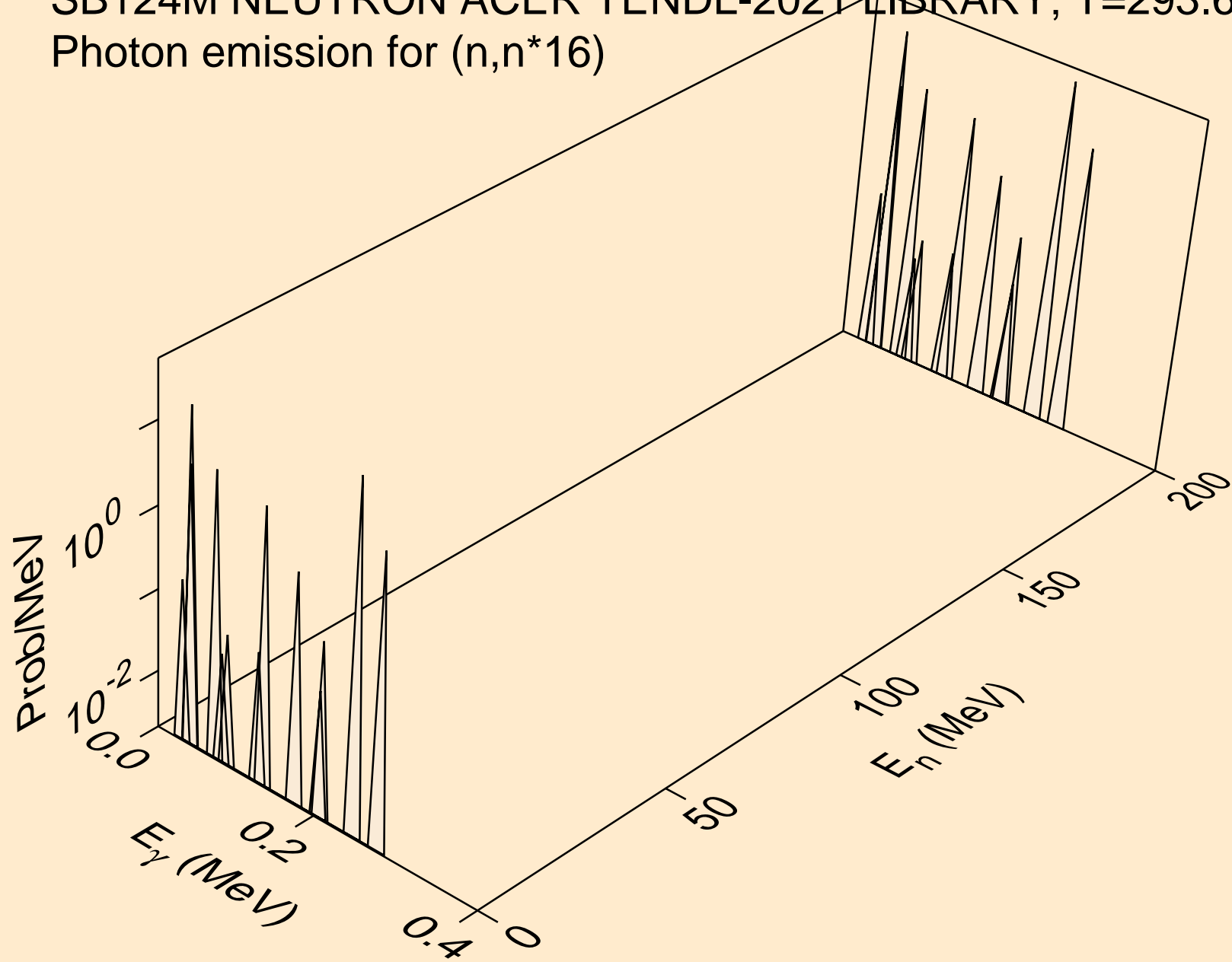
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*14)



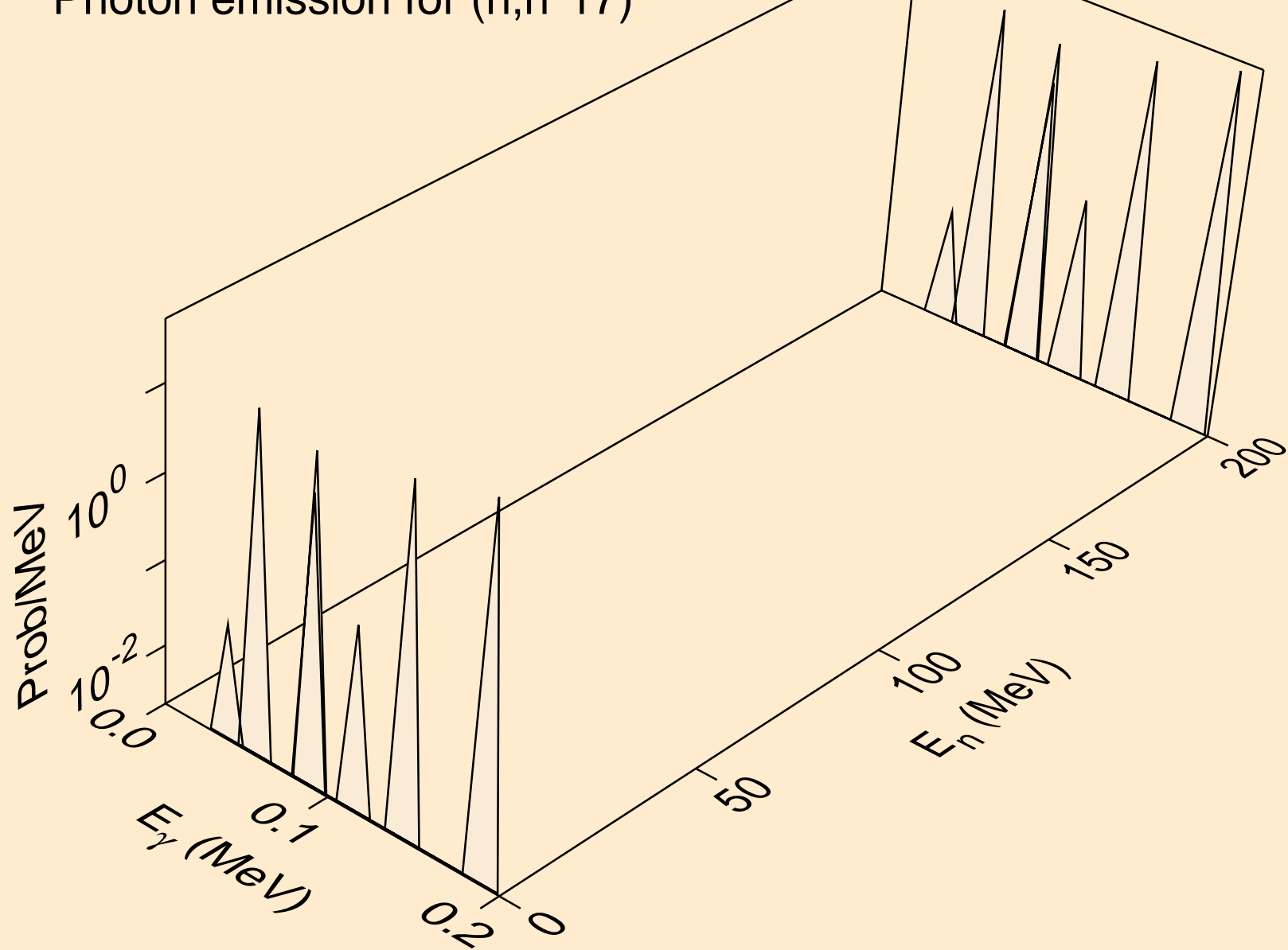
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*15)



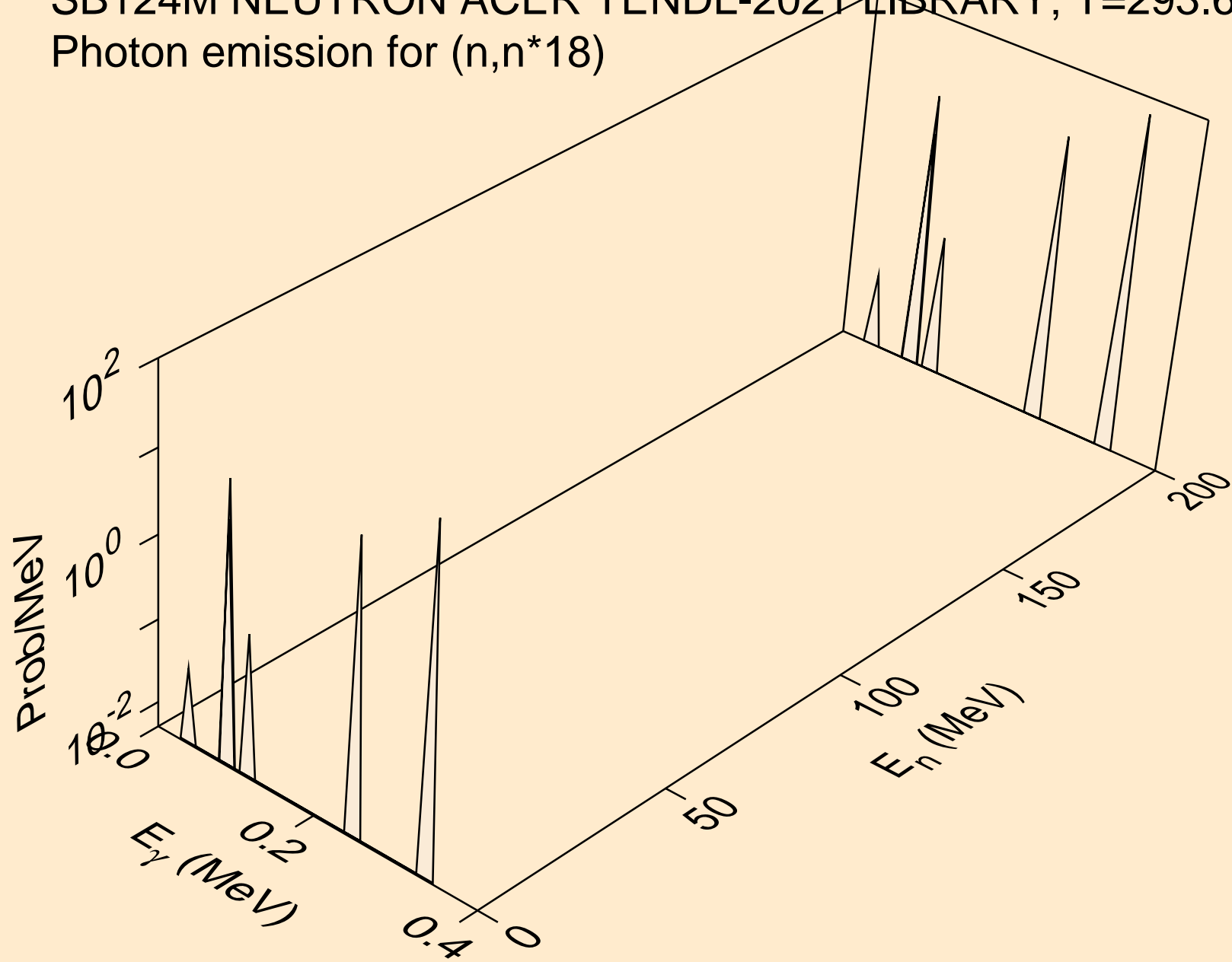
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*16)



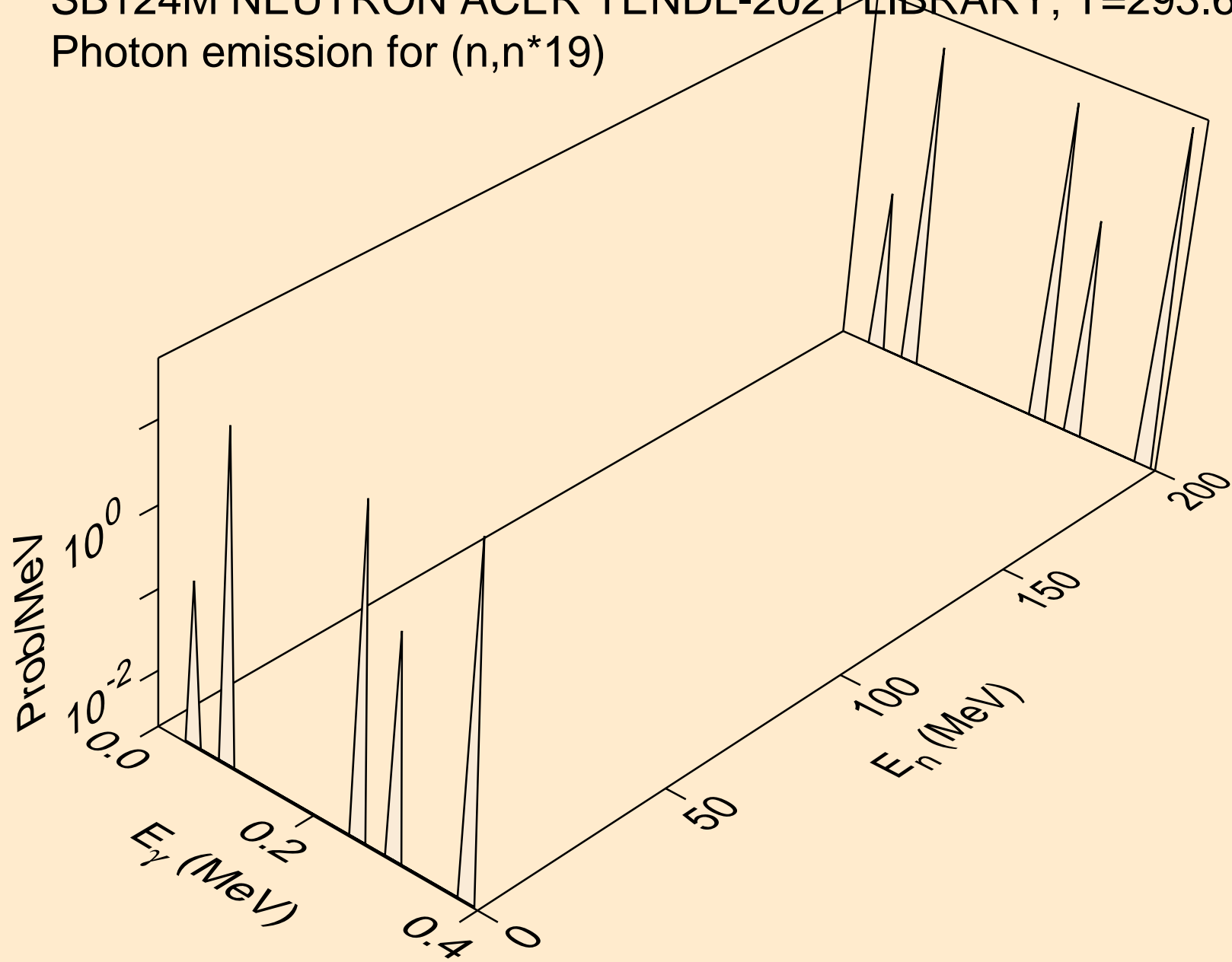
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*17)



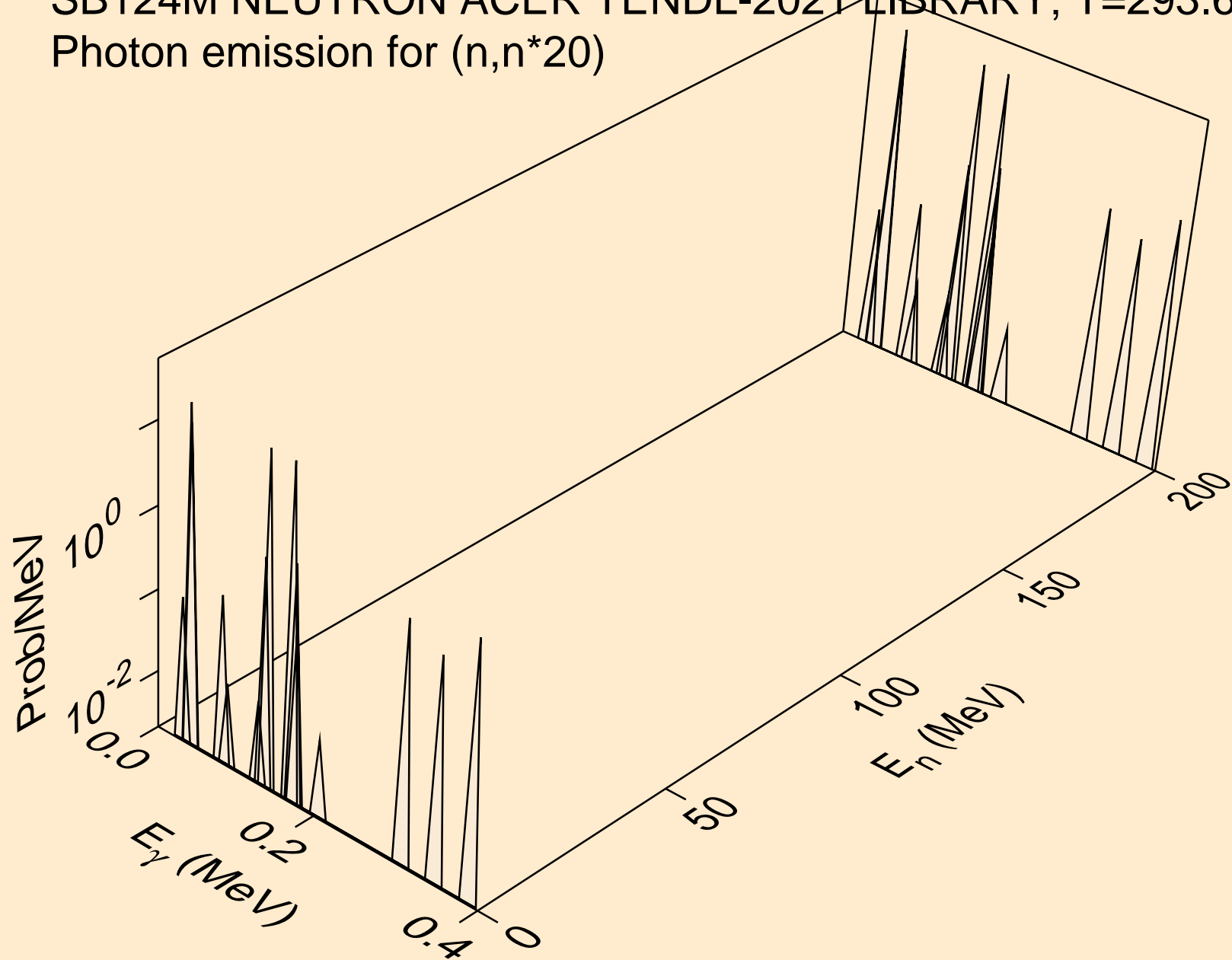
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*18)



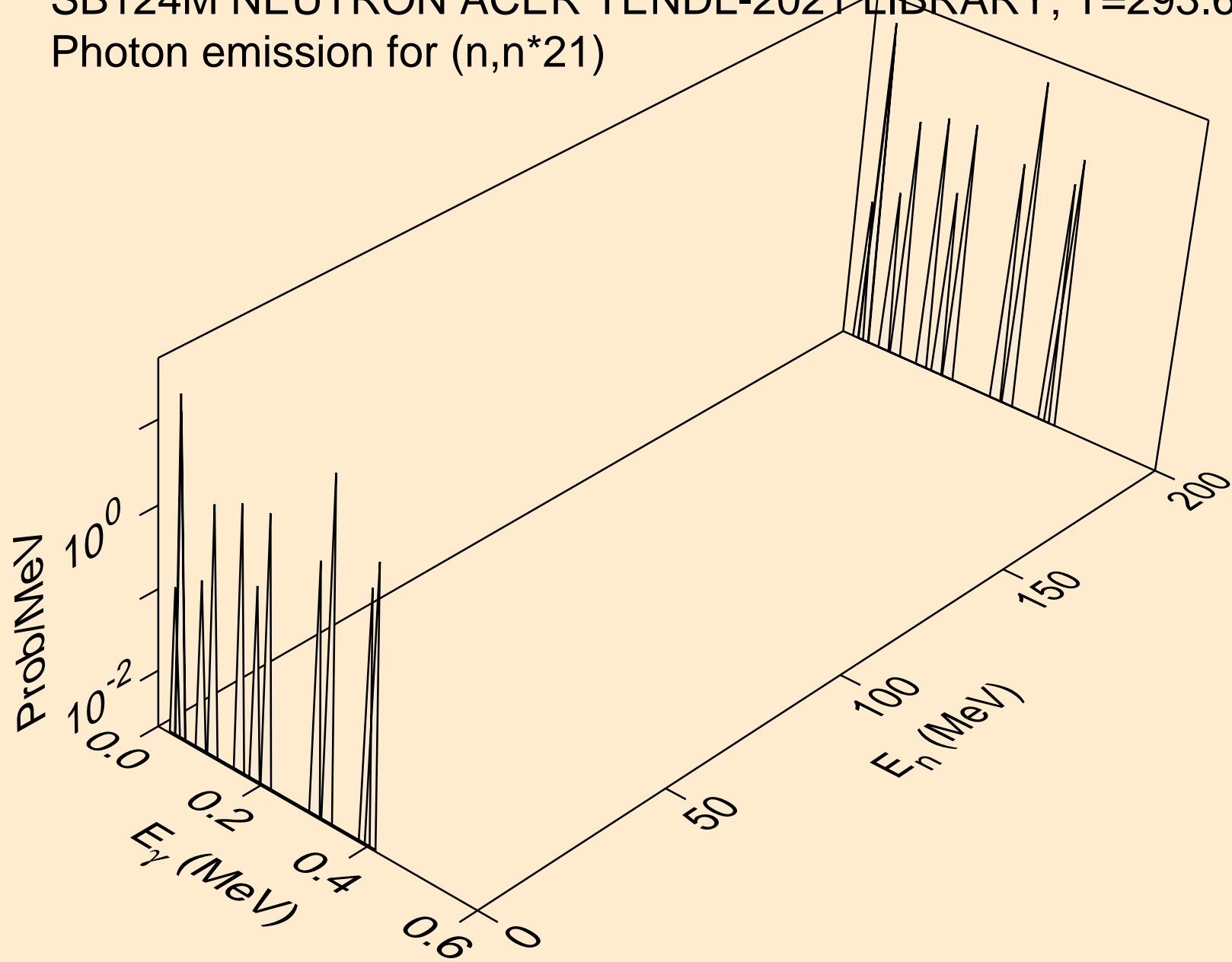
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*19)



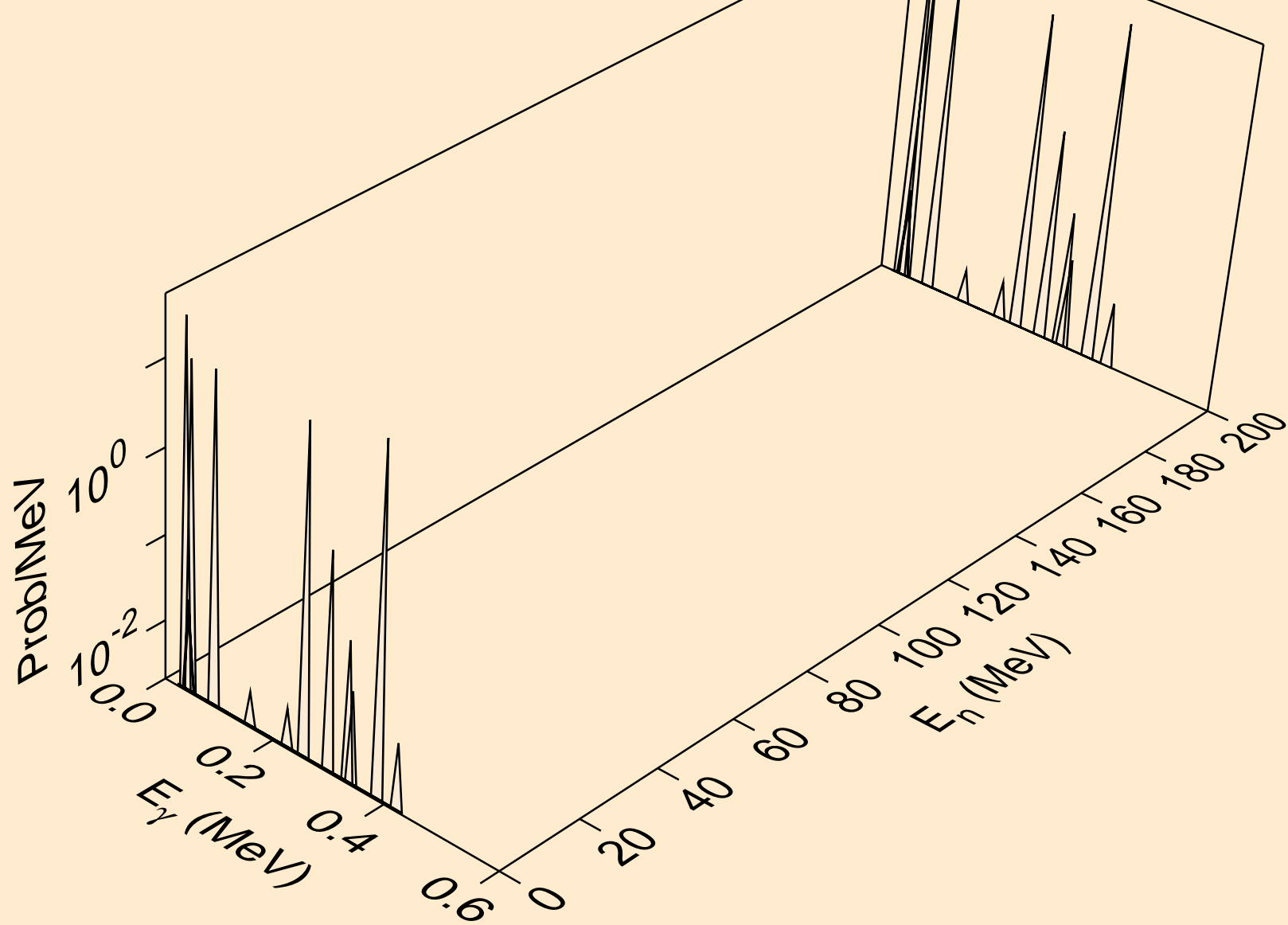
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*20)



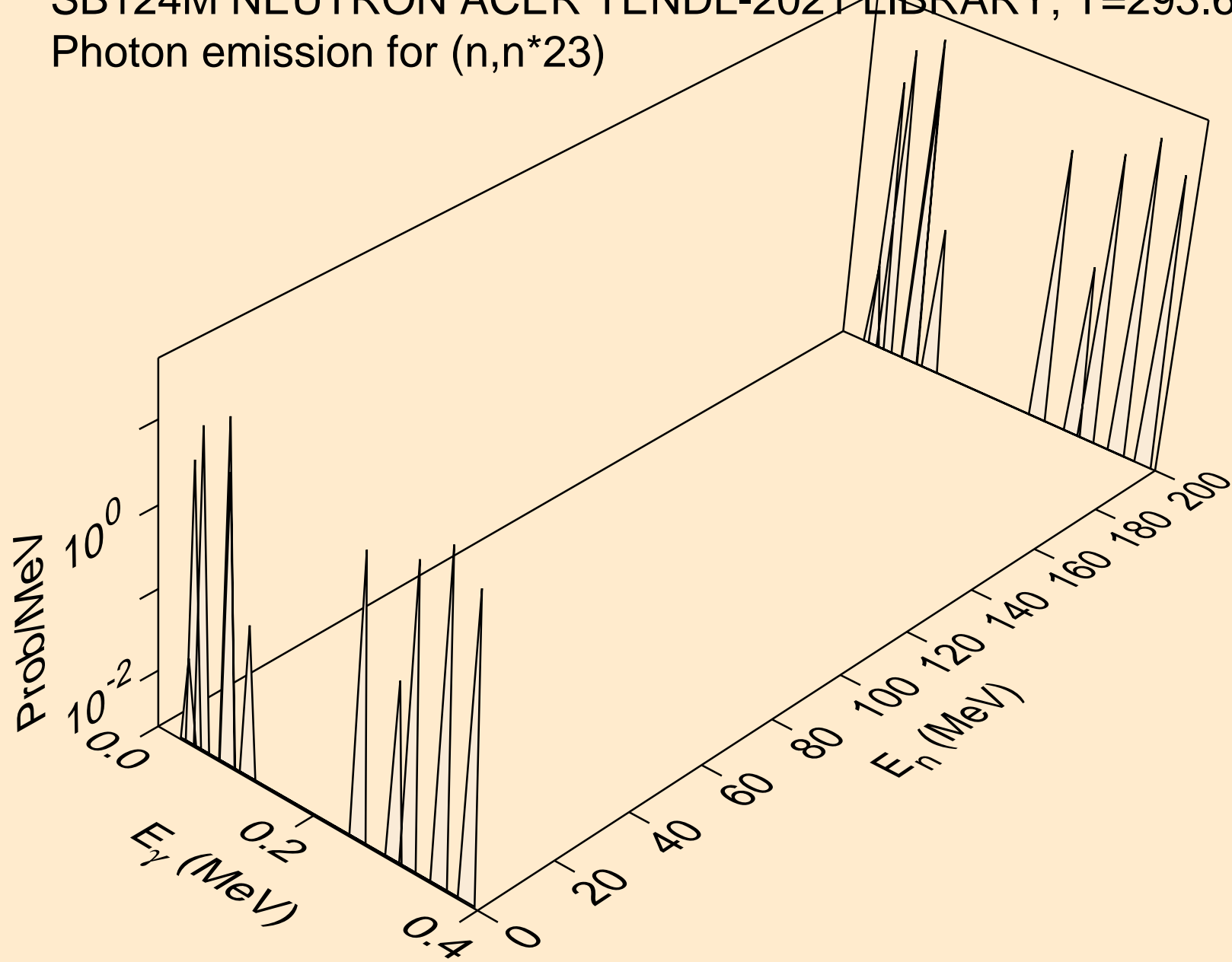
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*21)



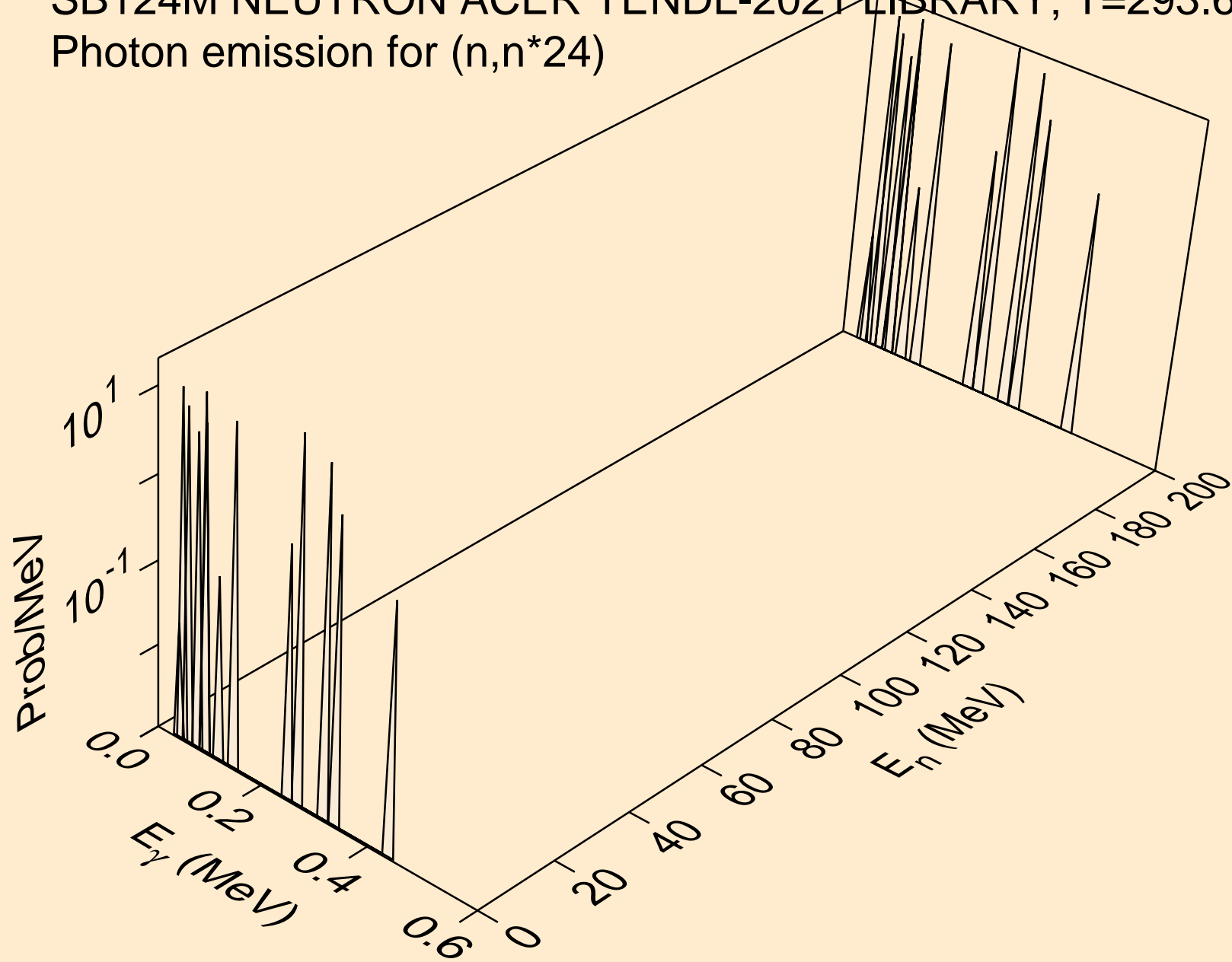
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*22)



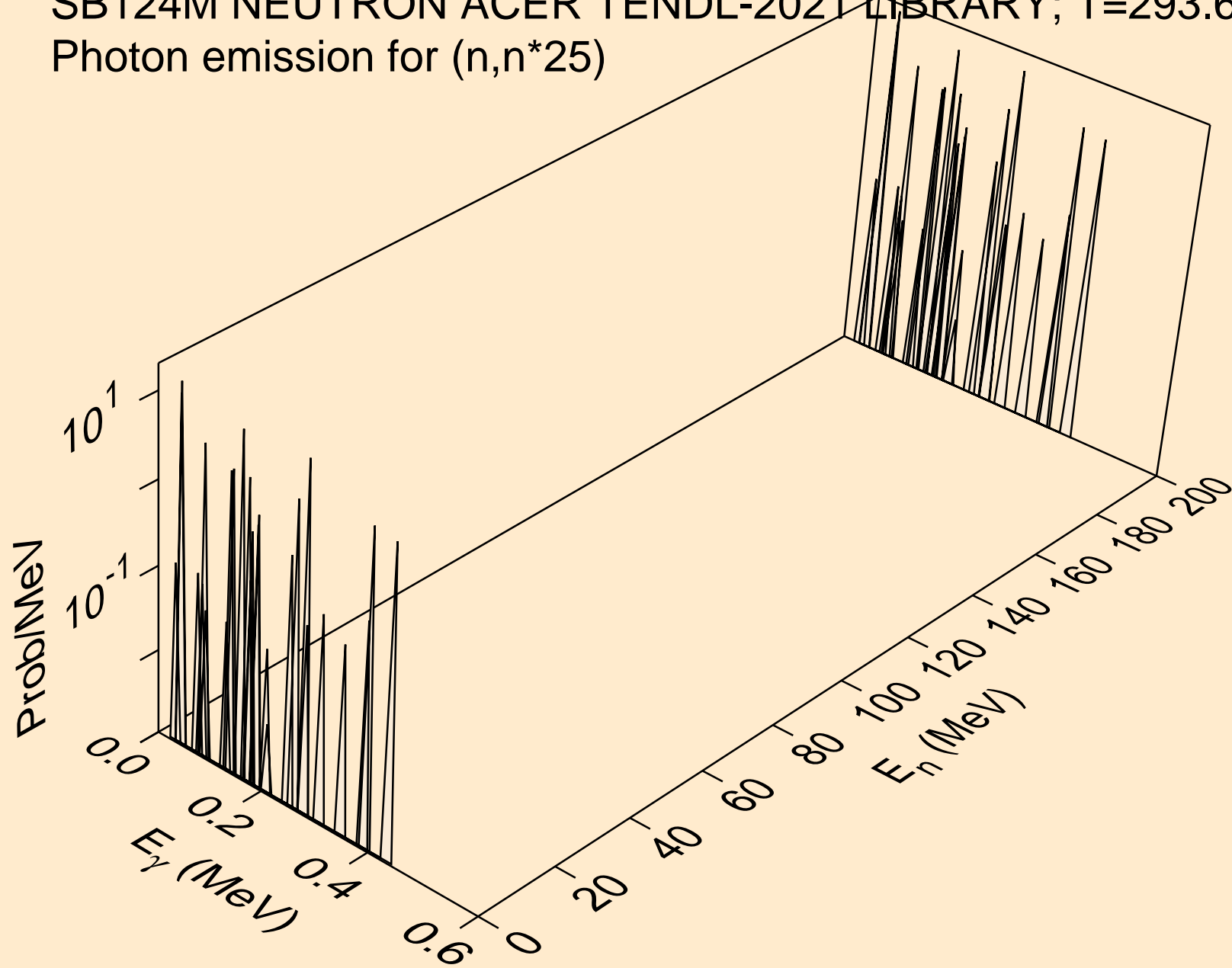
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*23)



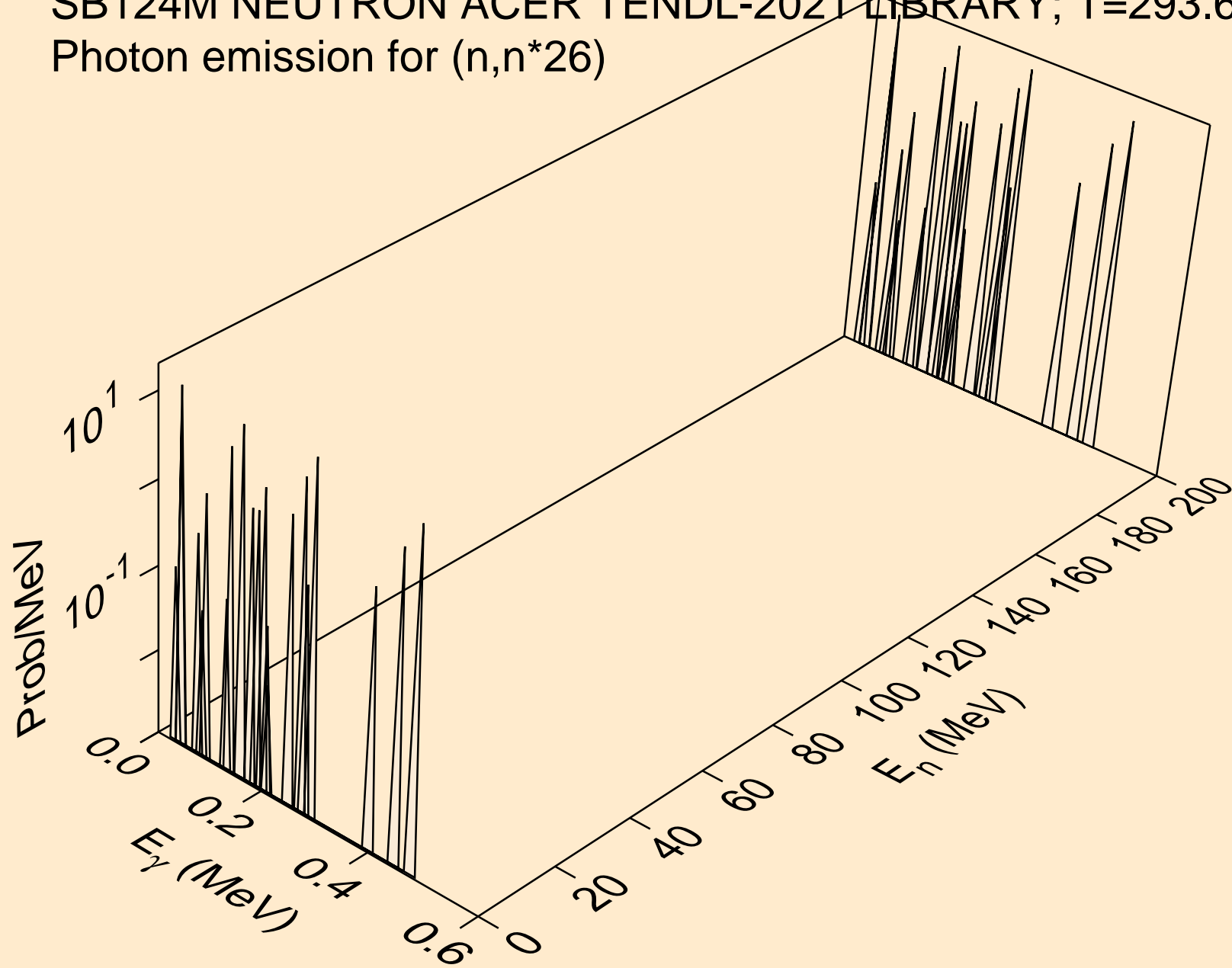
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*24)



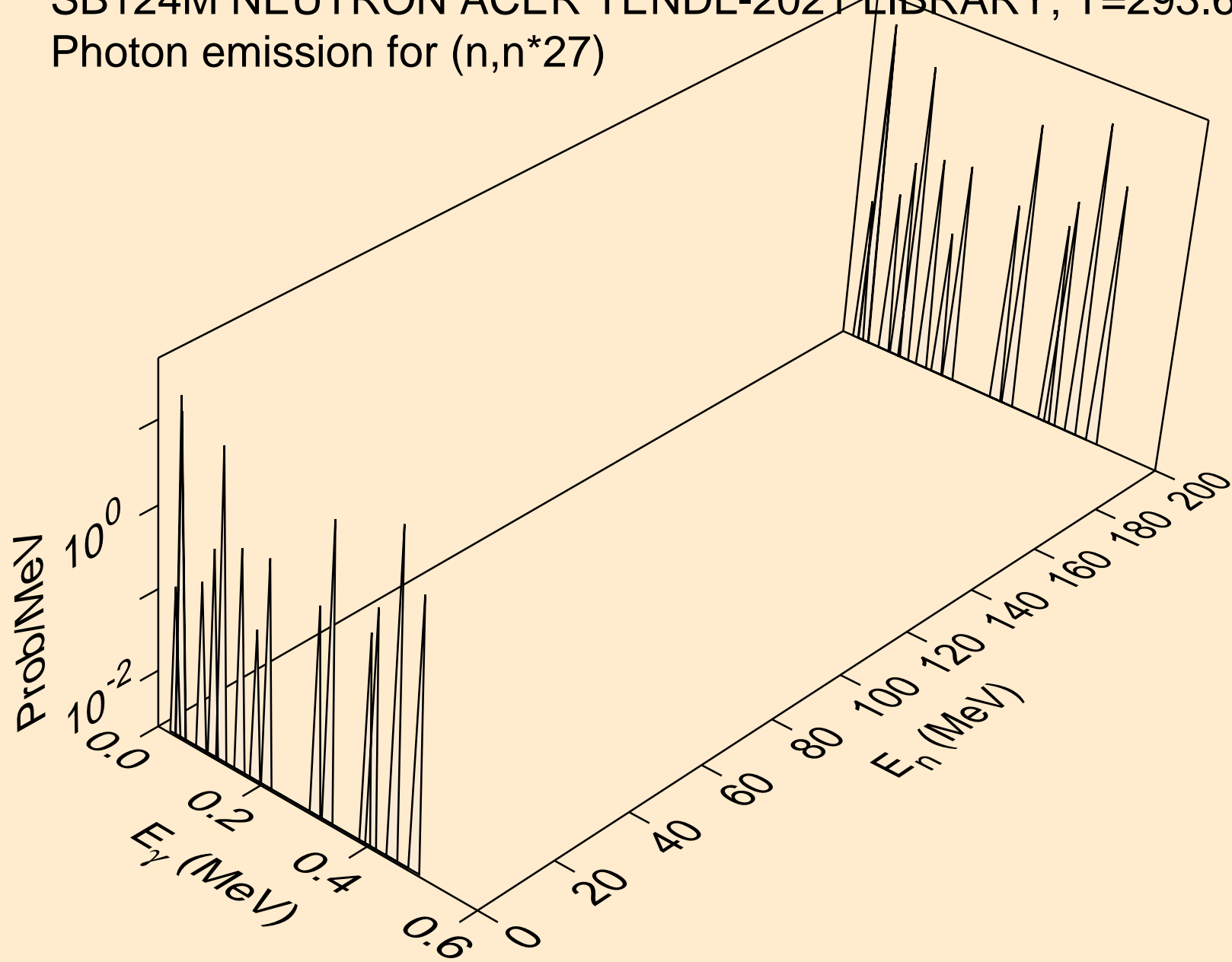
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*25)



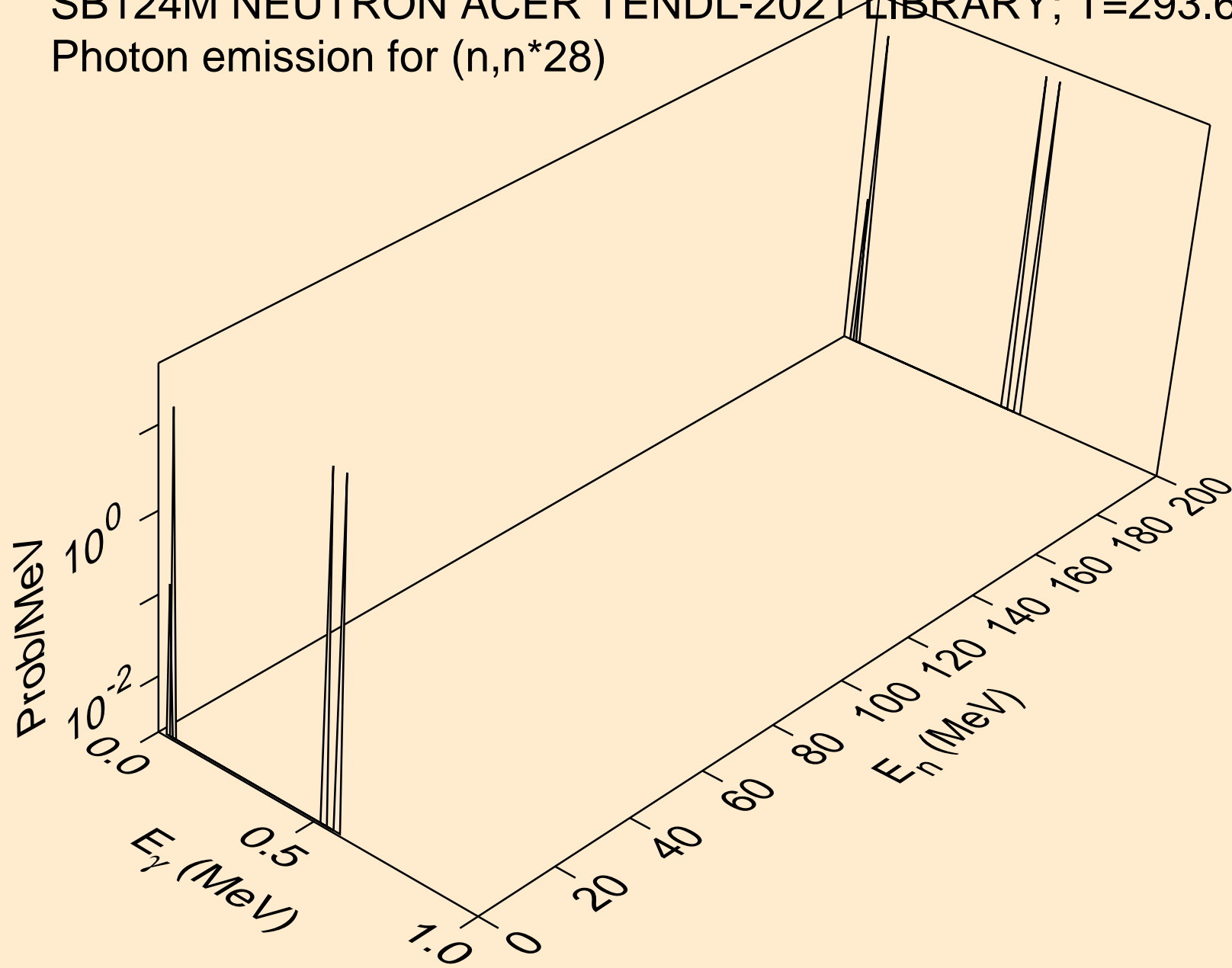
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*26)



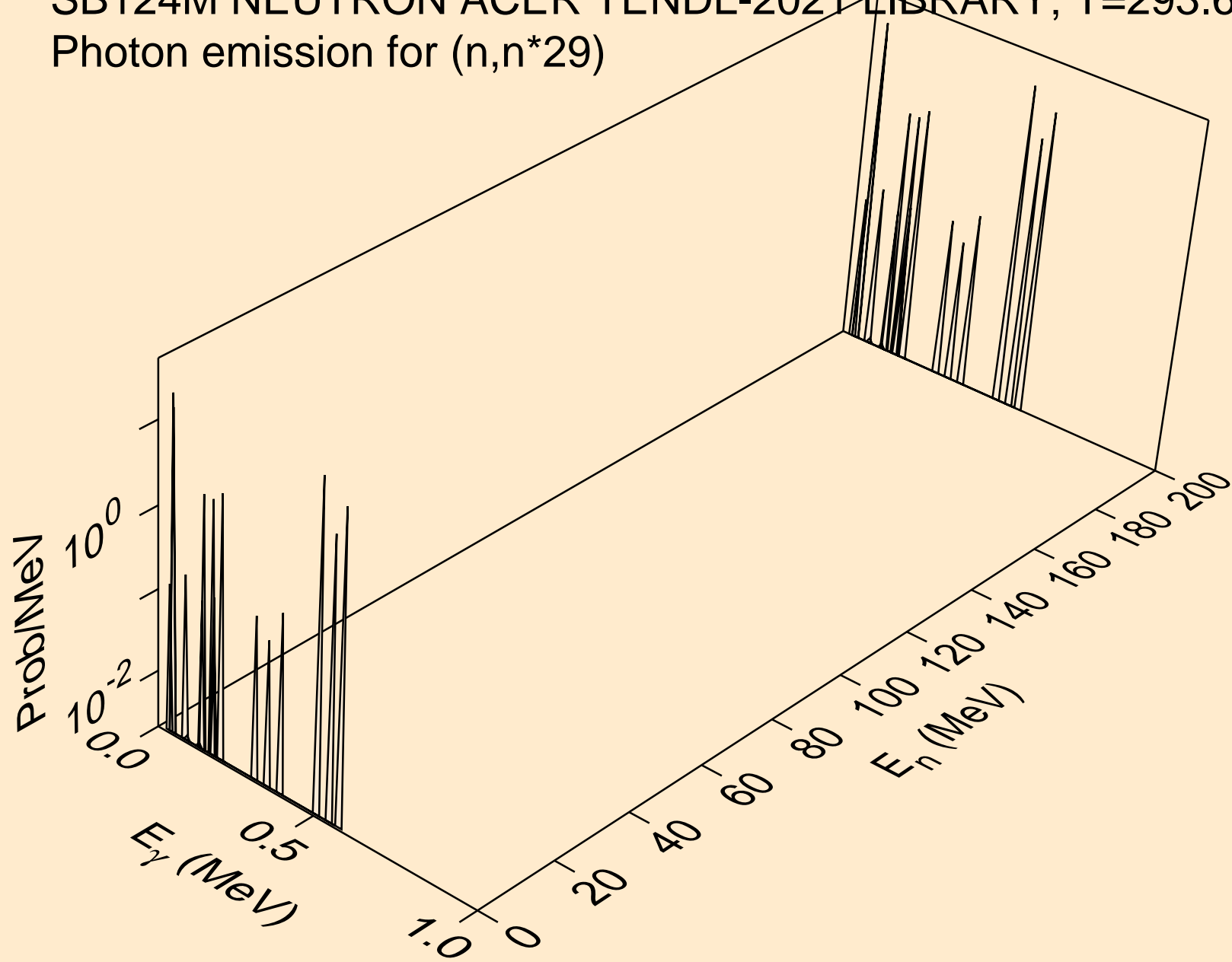
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*27)



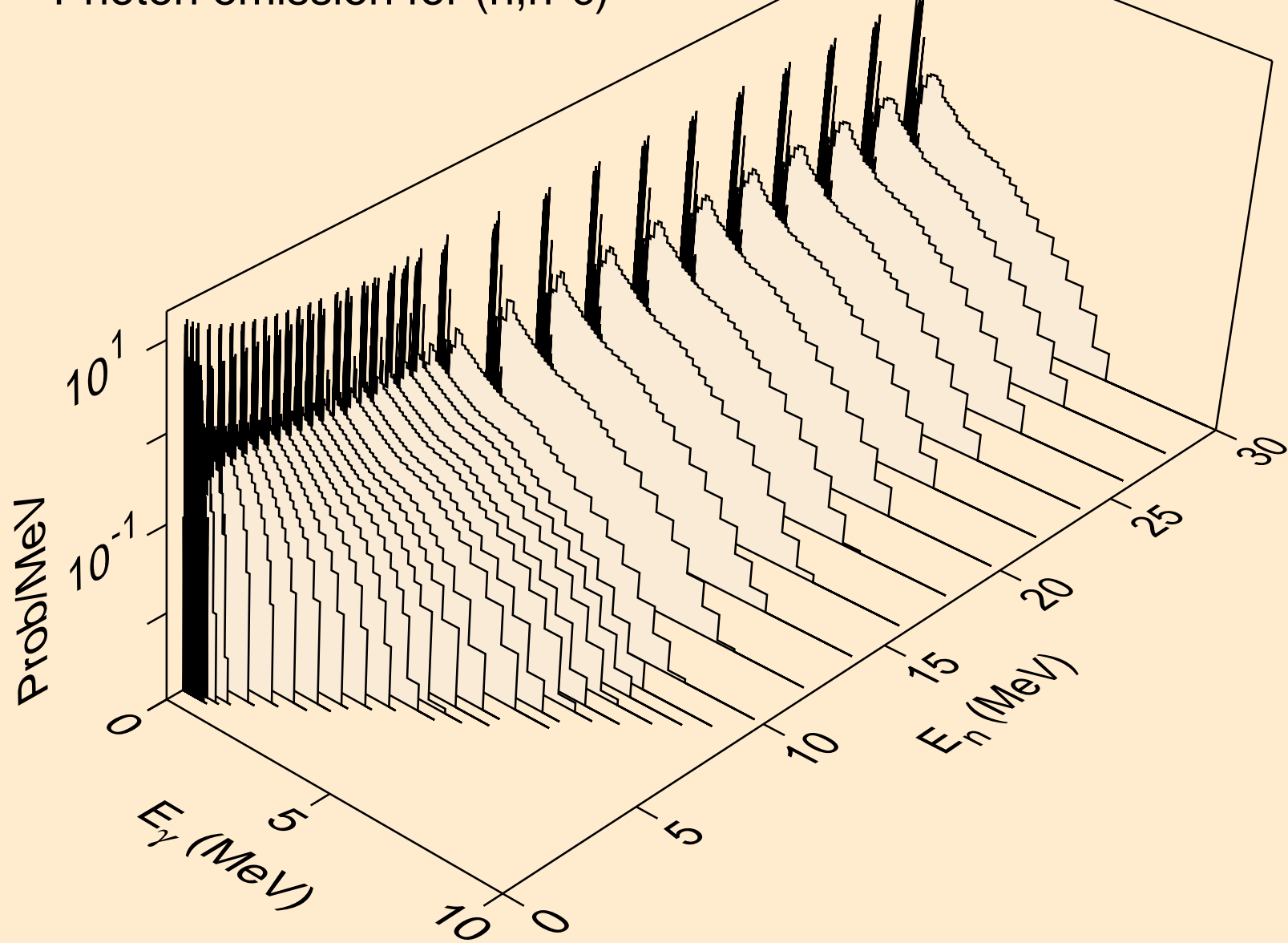
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*28)



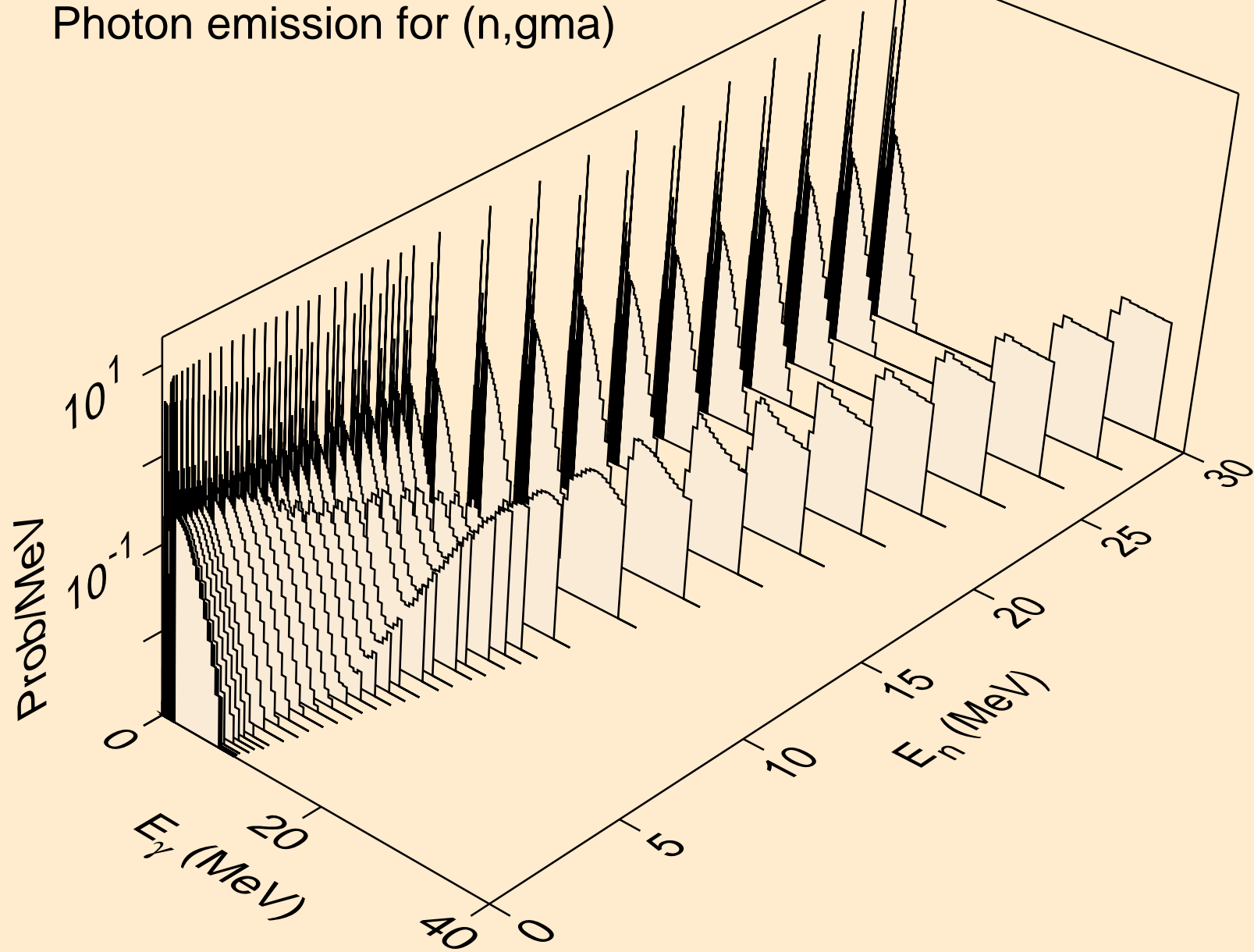
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*29)



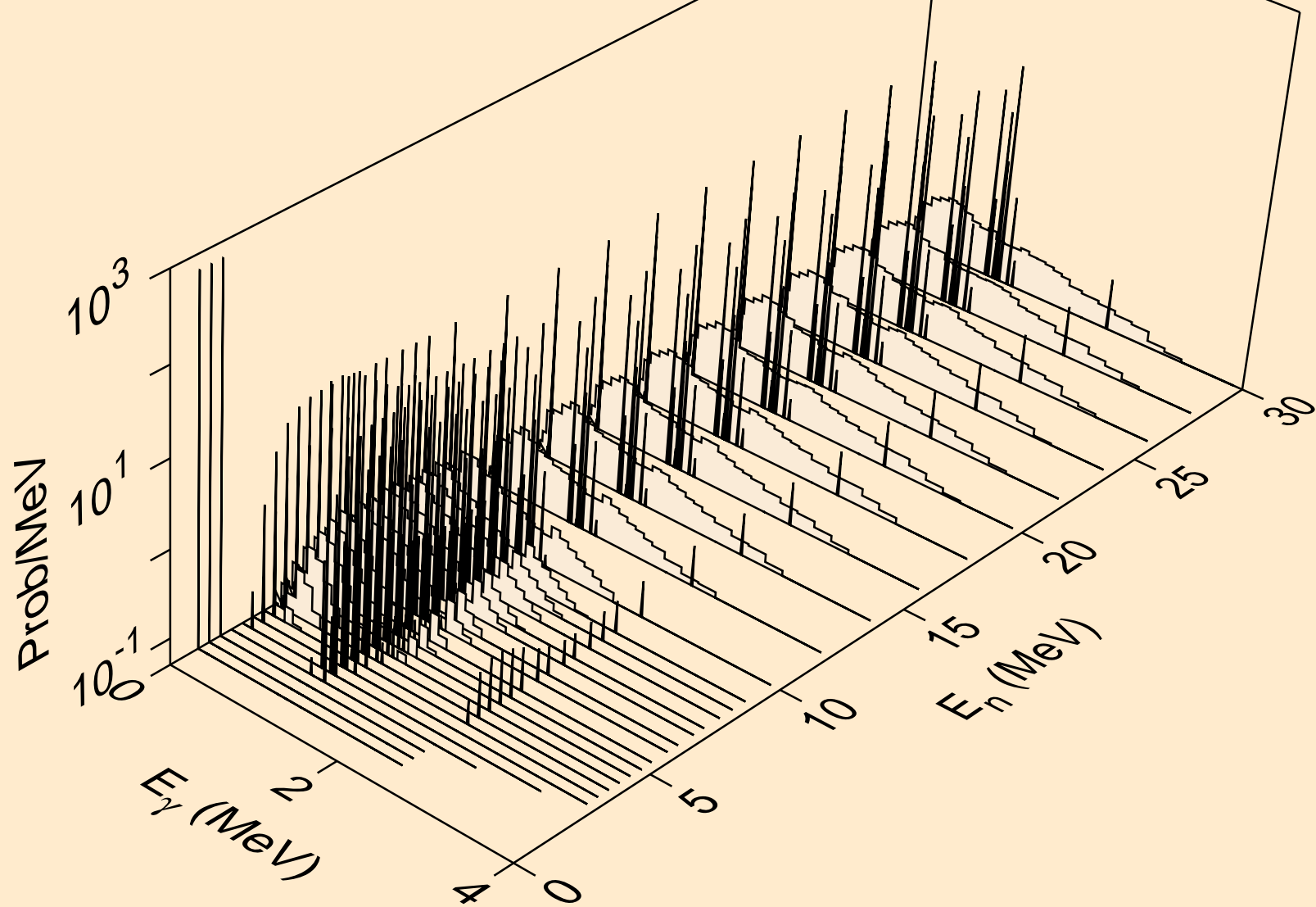
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



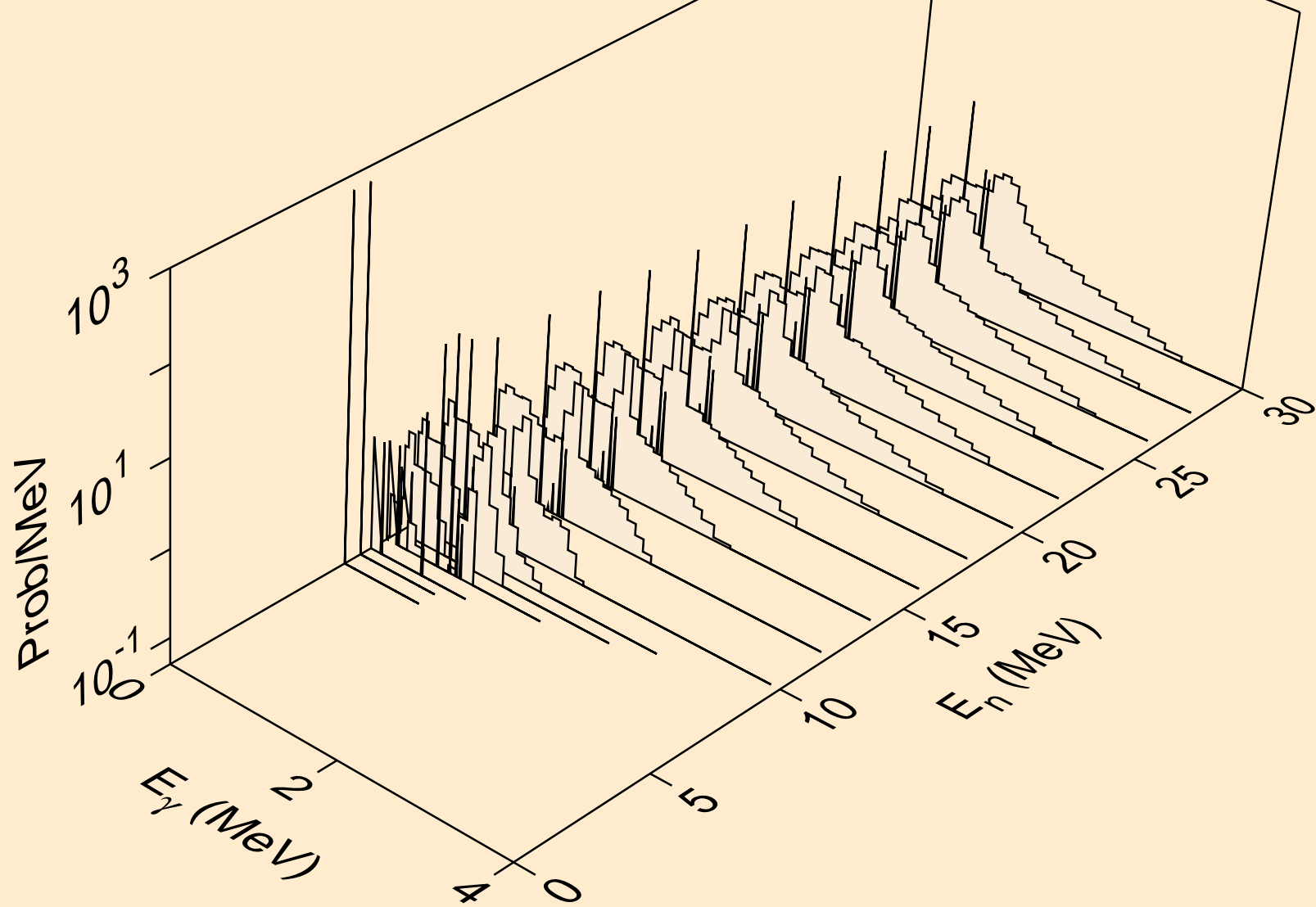
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



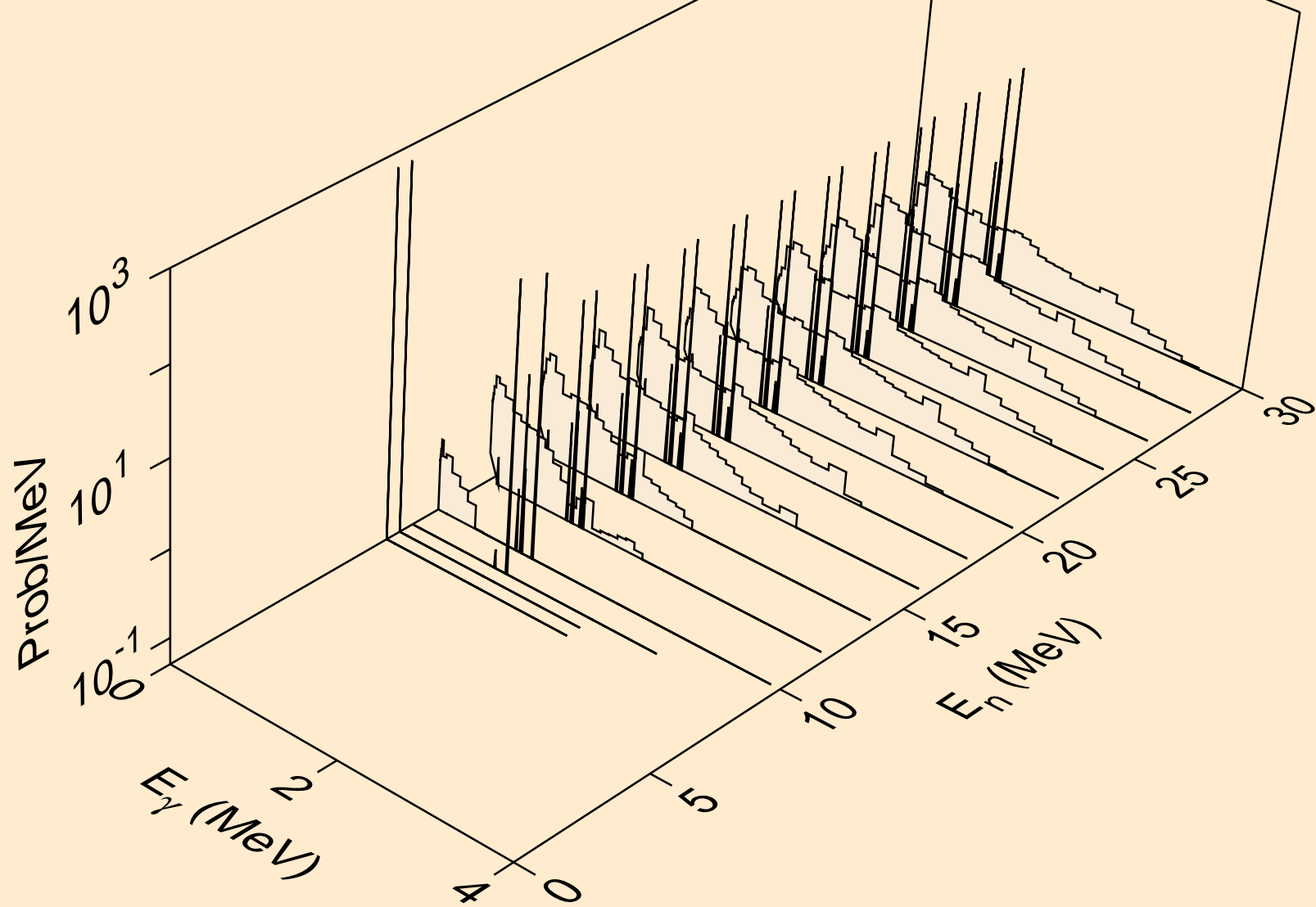
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



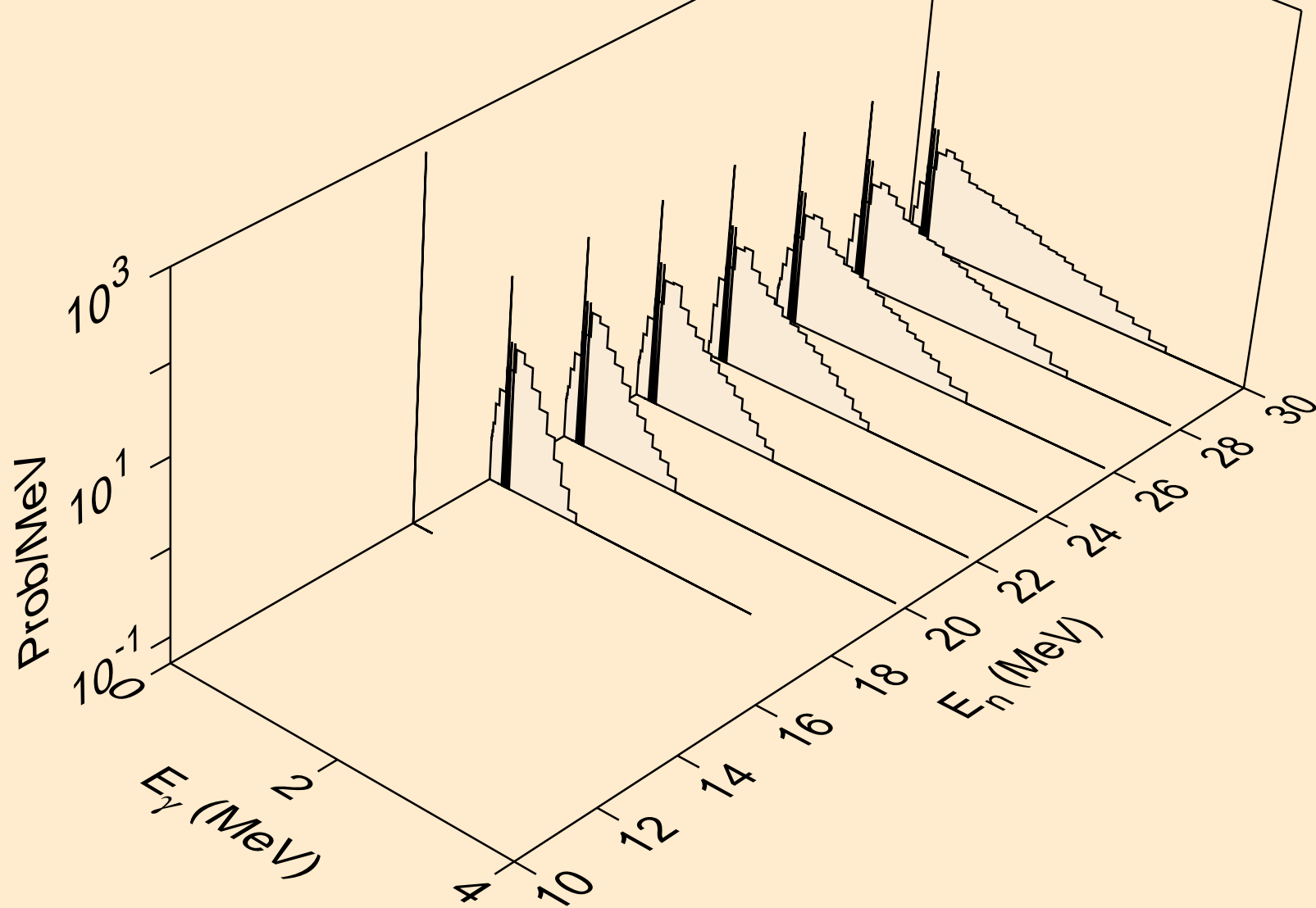
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



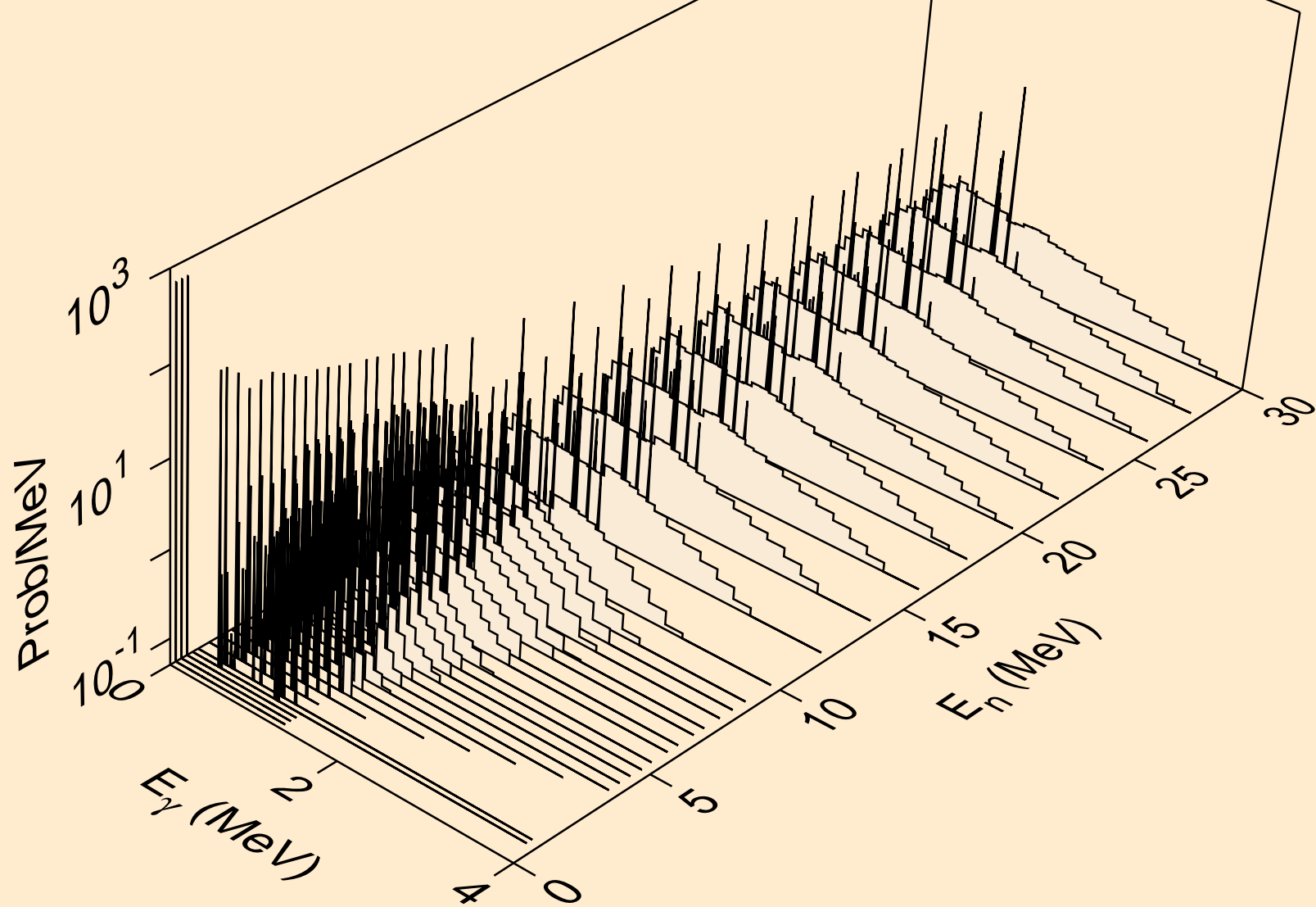
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



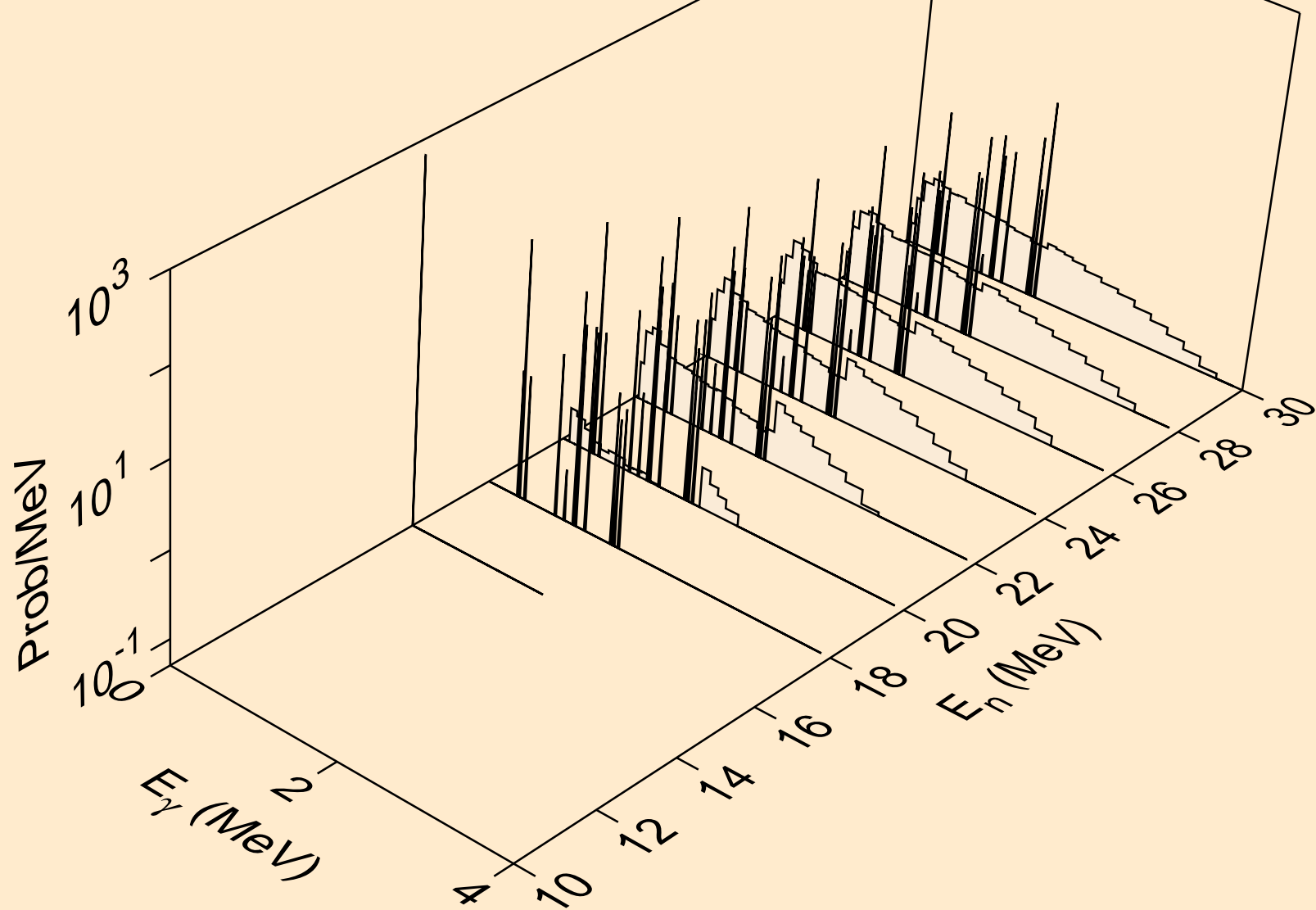
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



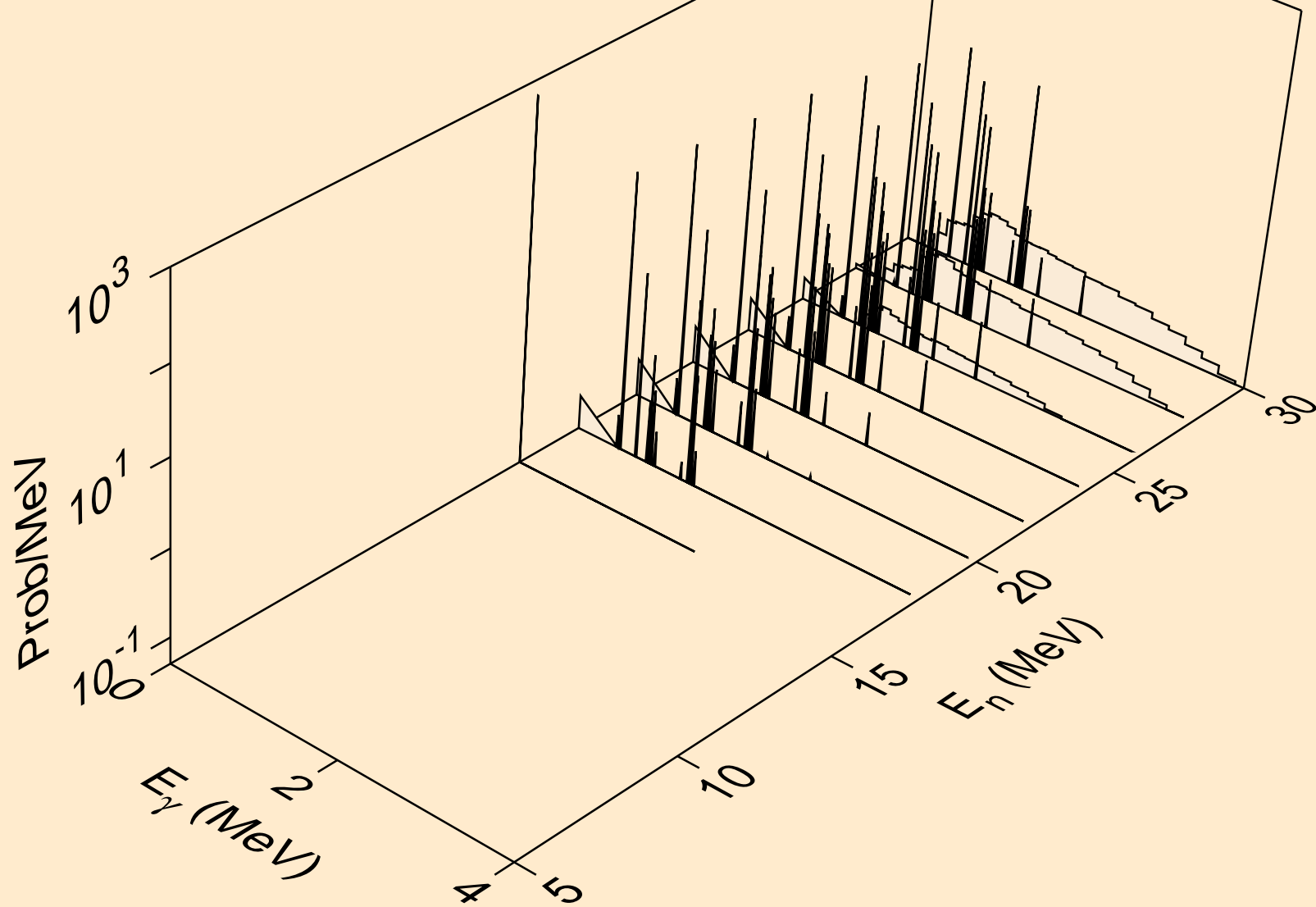
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



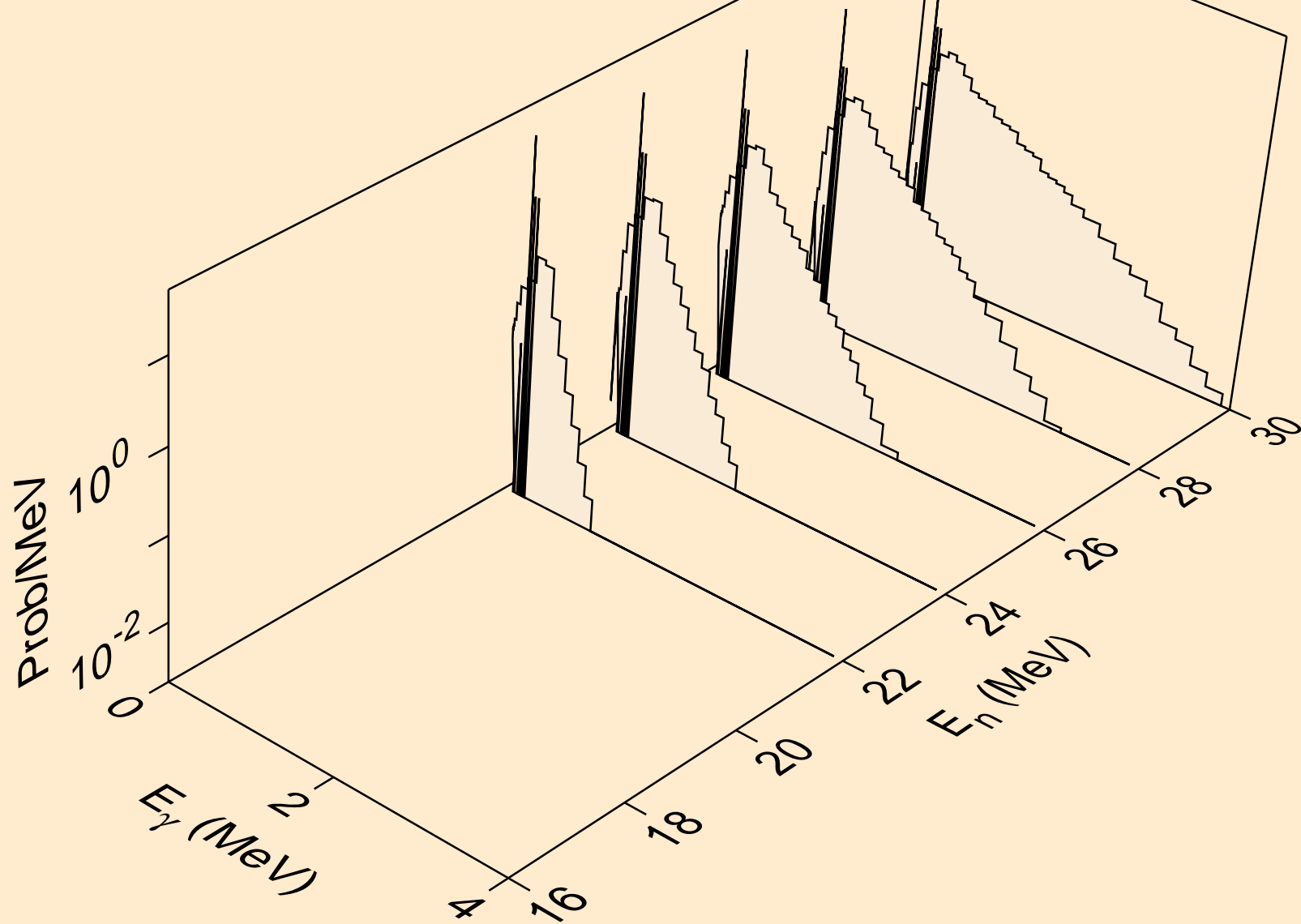
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



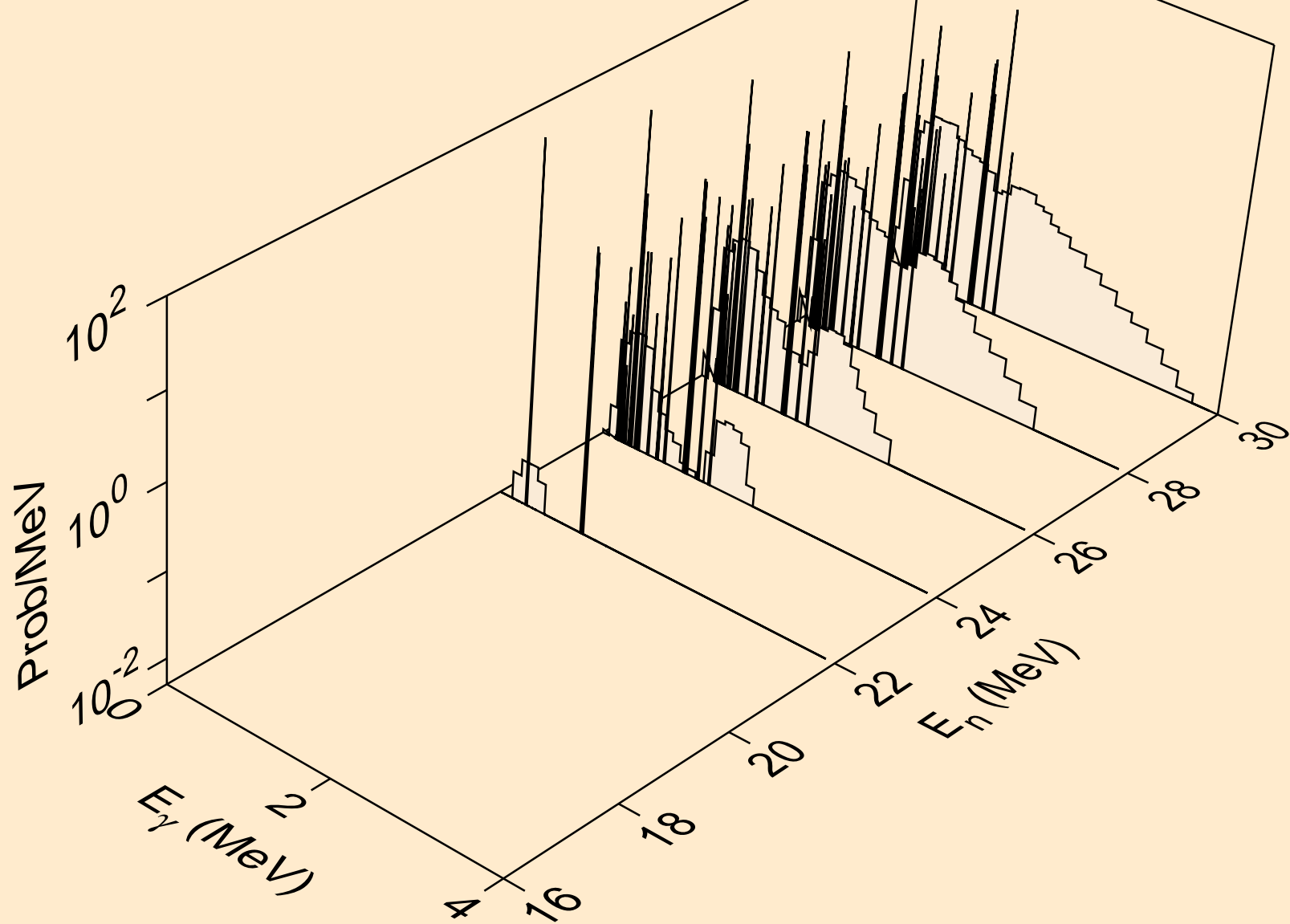
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p α)



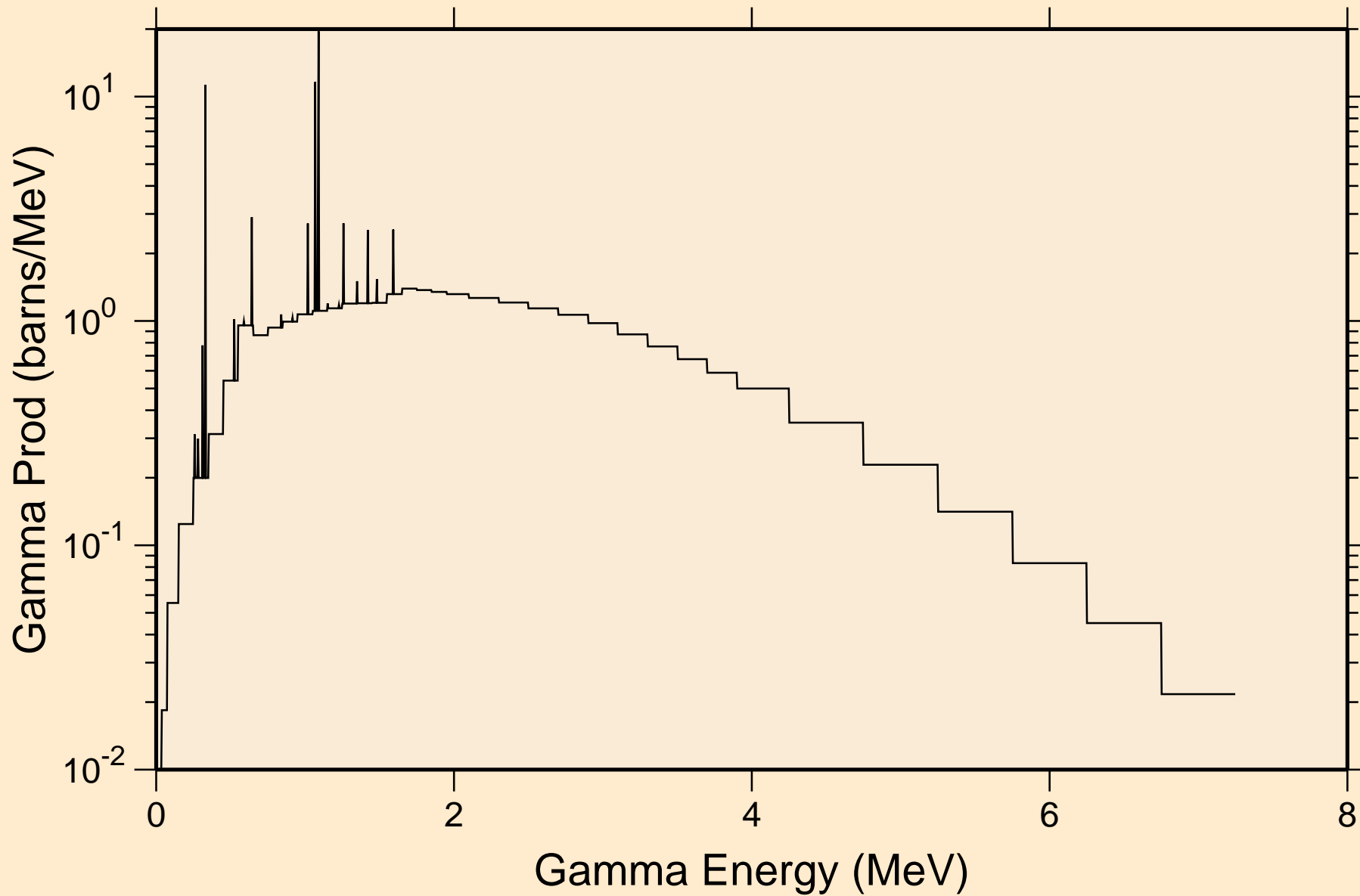
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



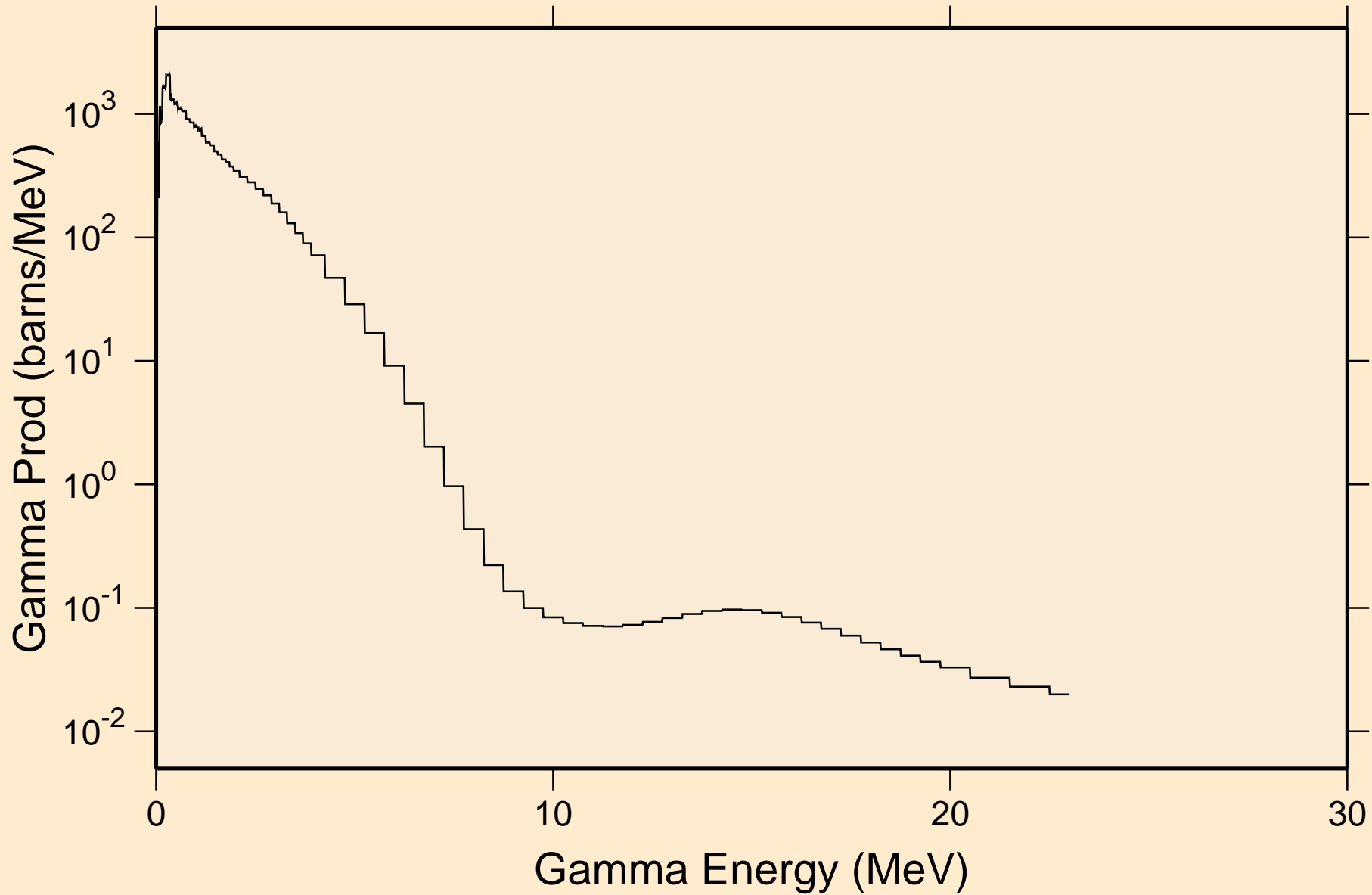
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

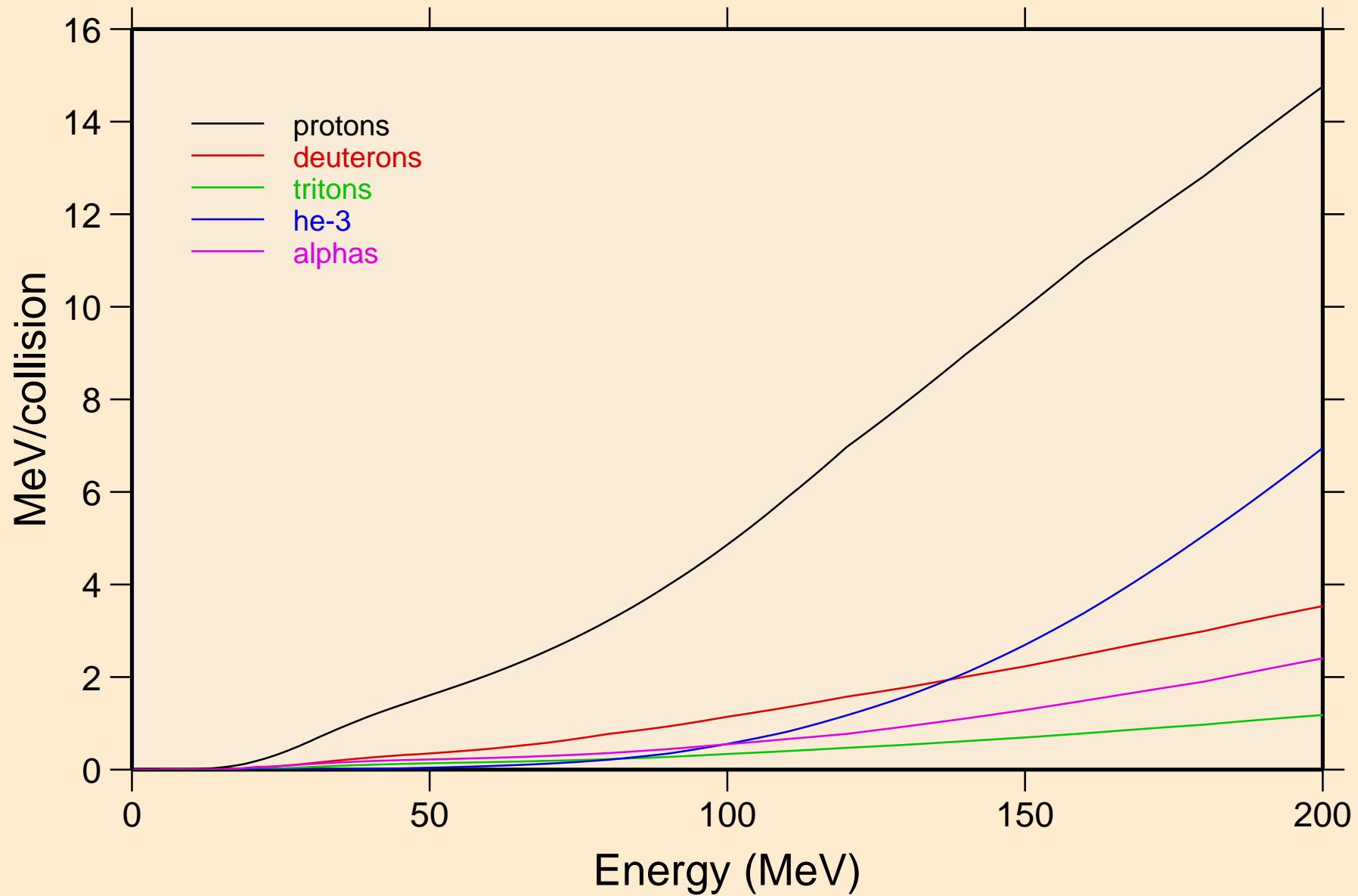


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum

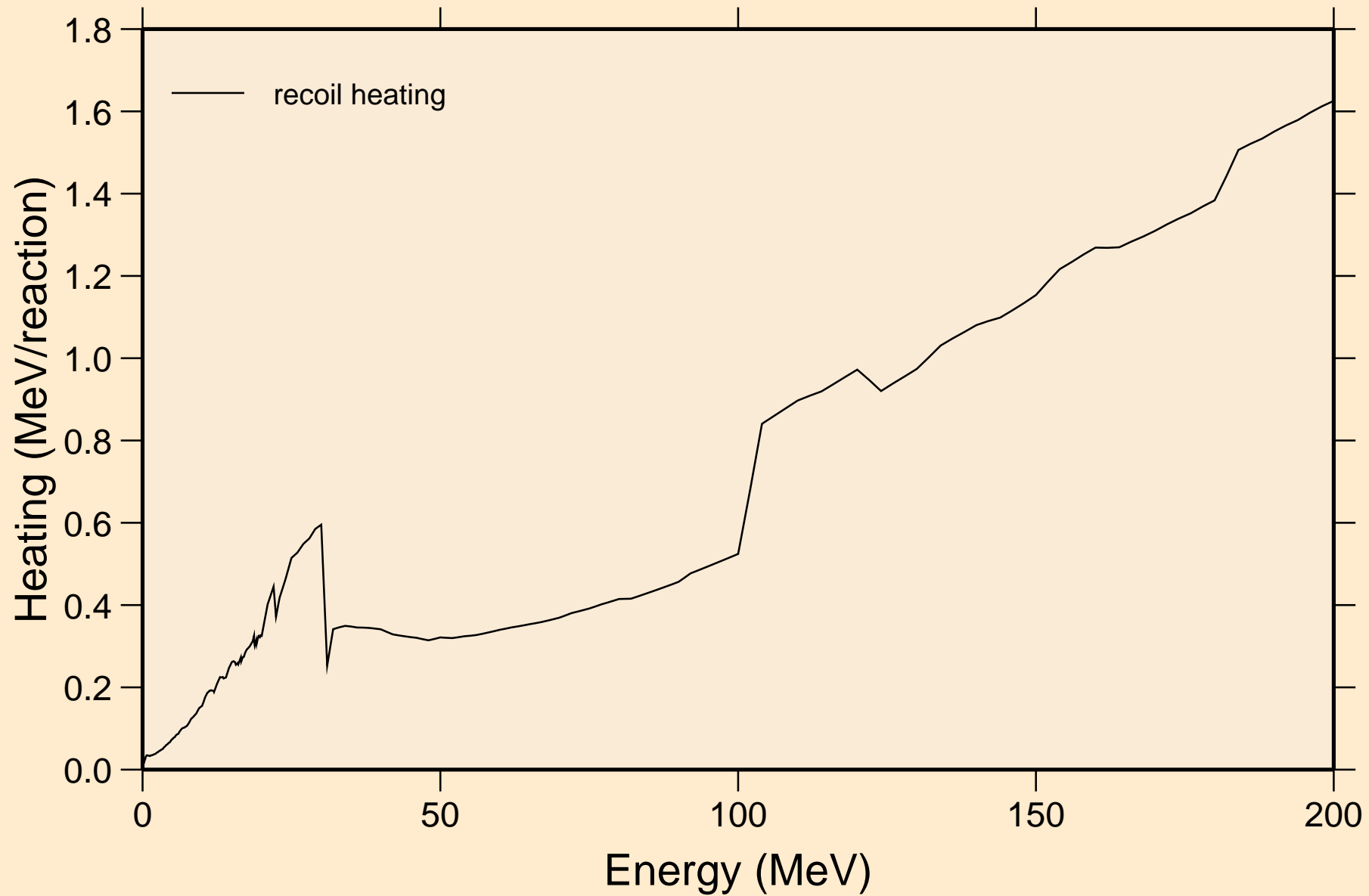


SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

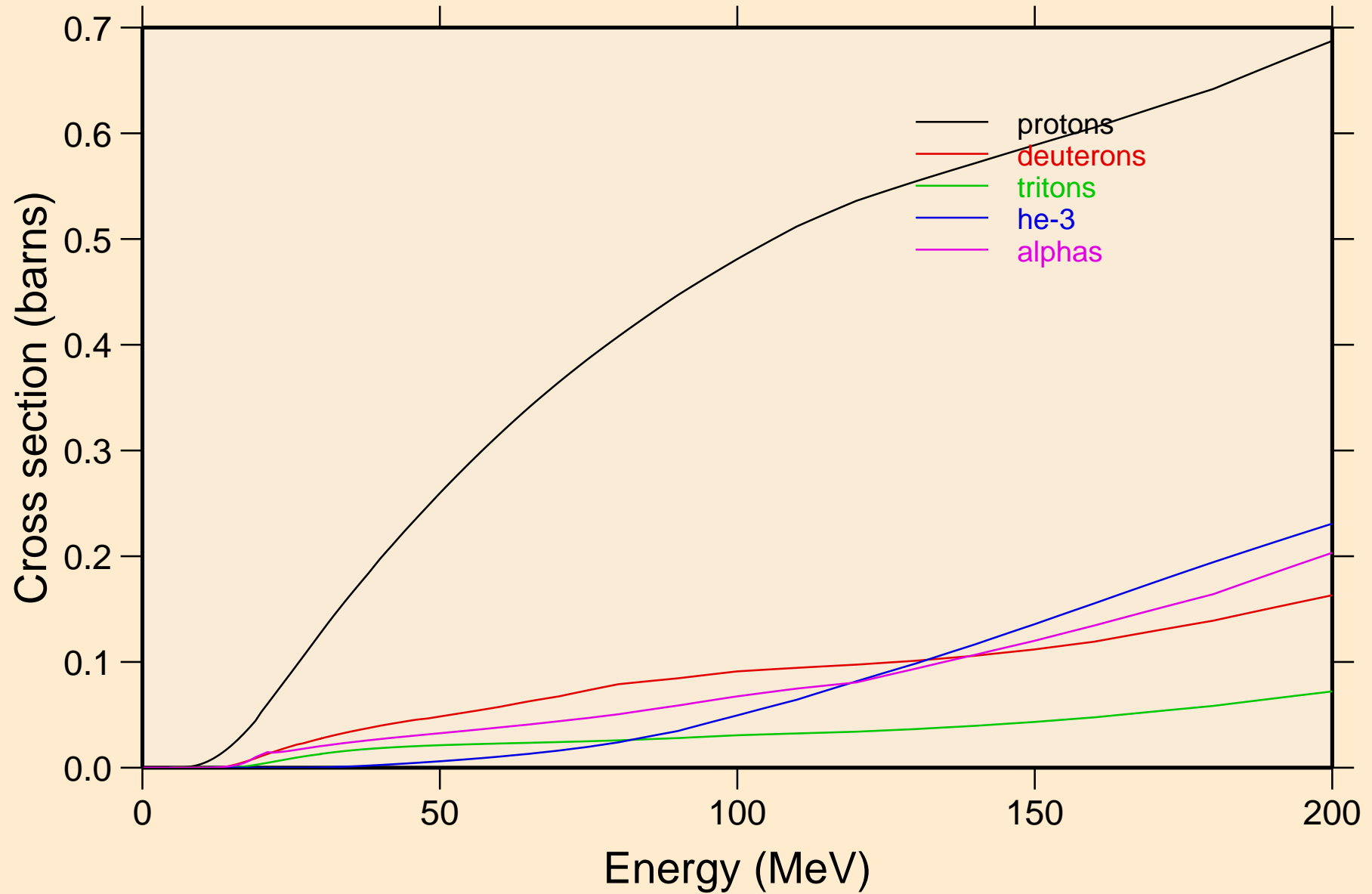
Particle heating contributions



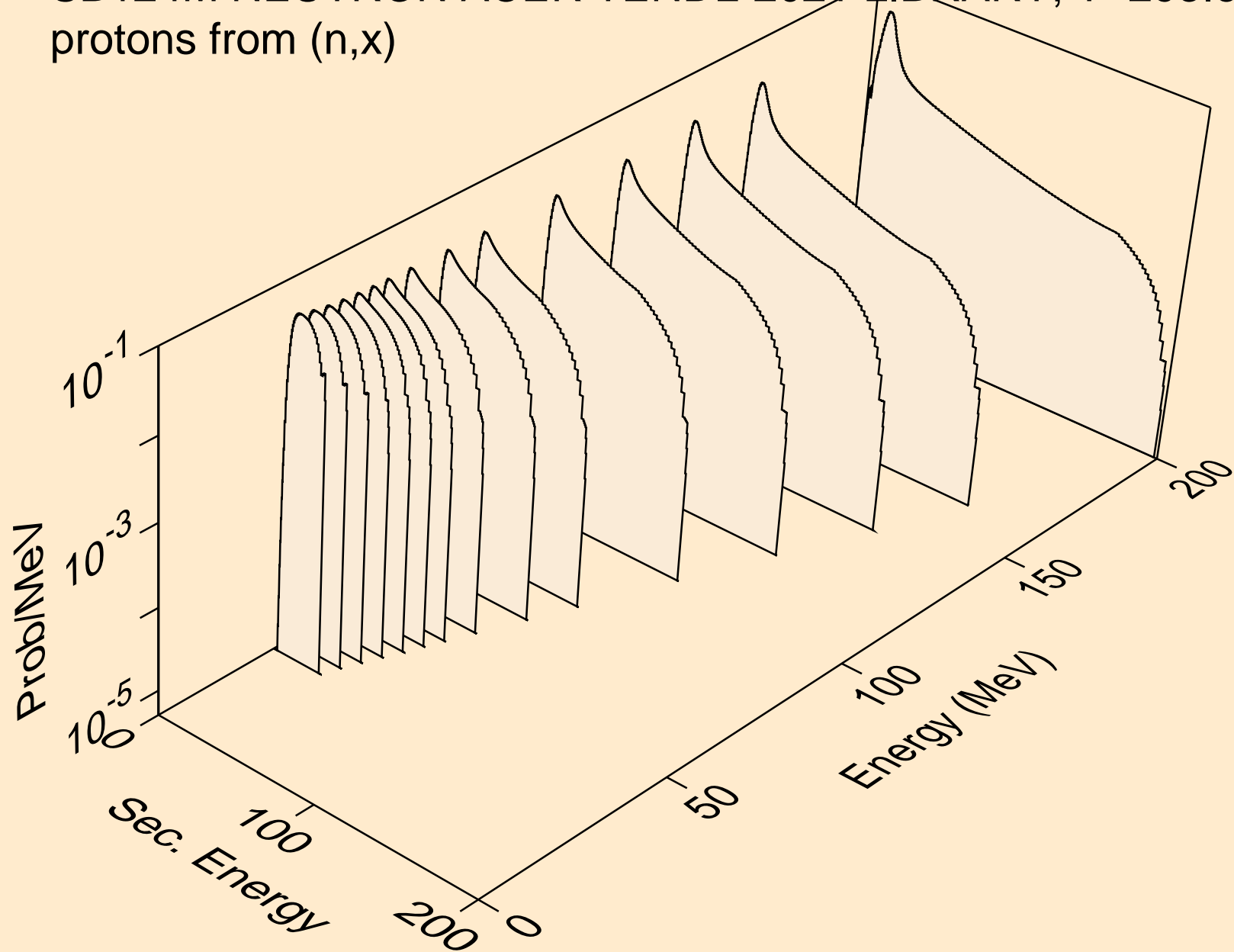
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating



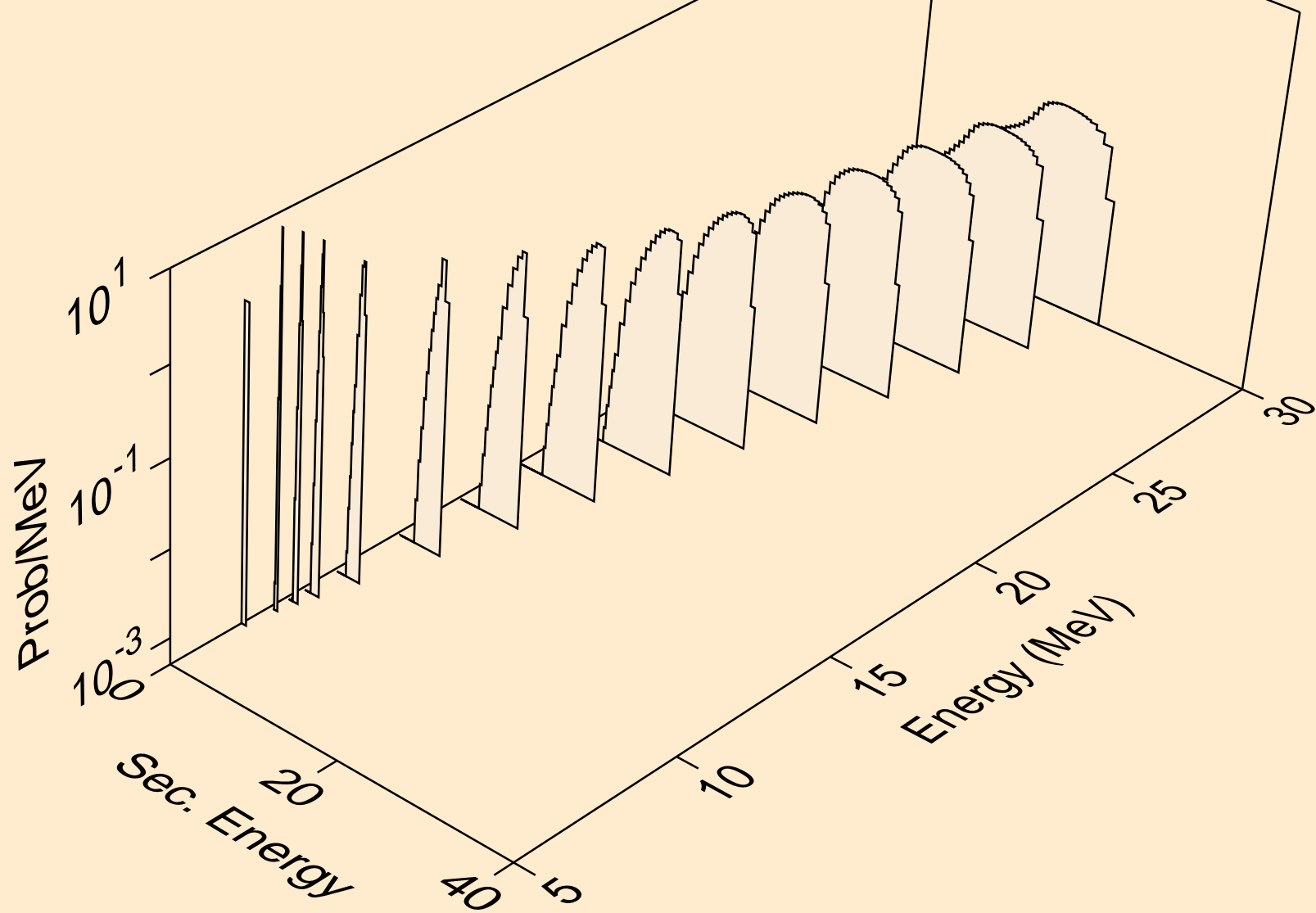
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle production cross sections



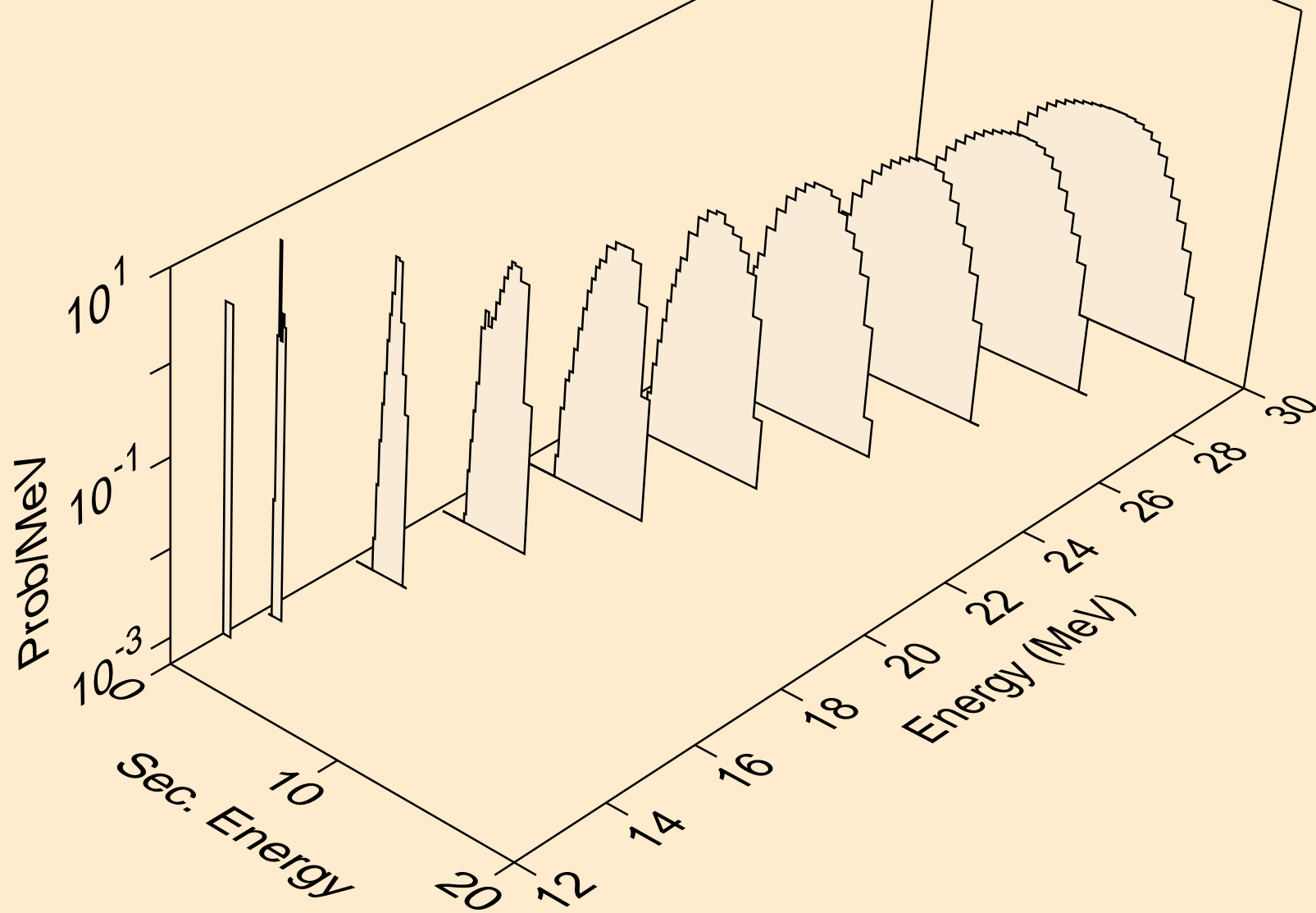
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



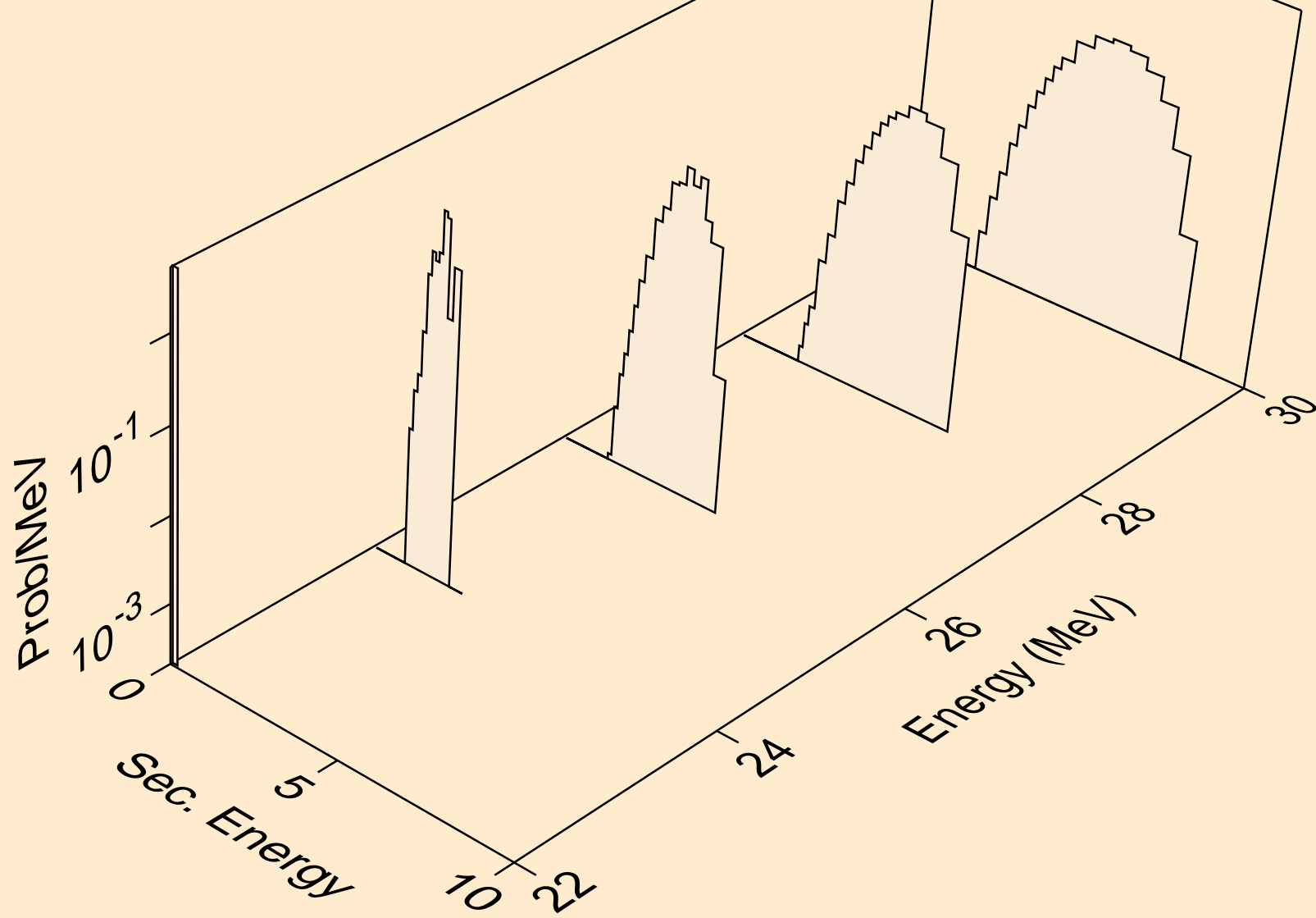
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



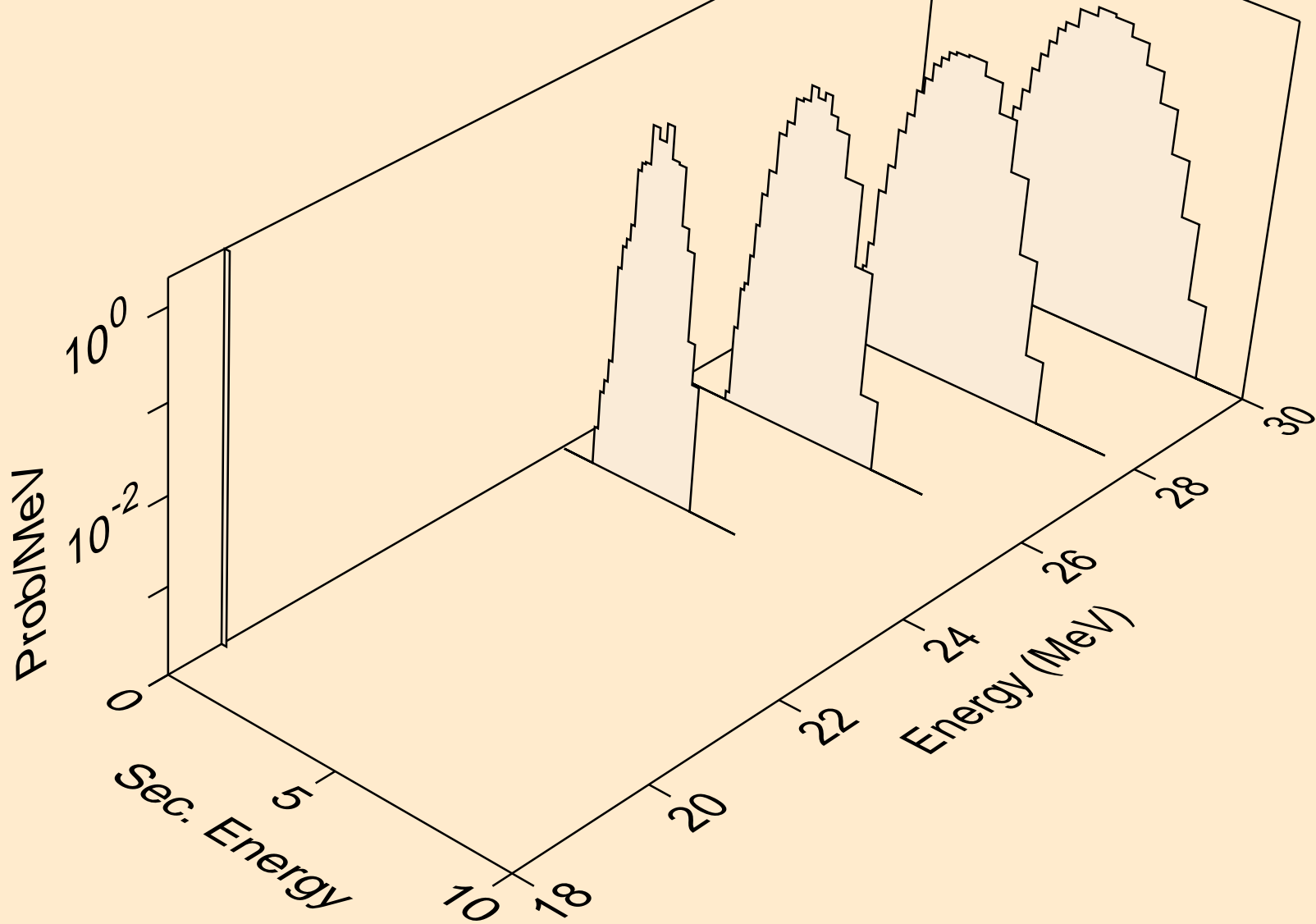
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



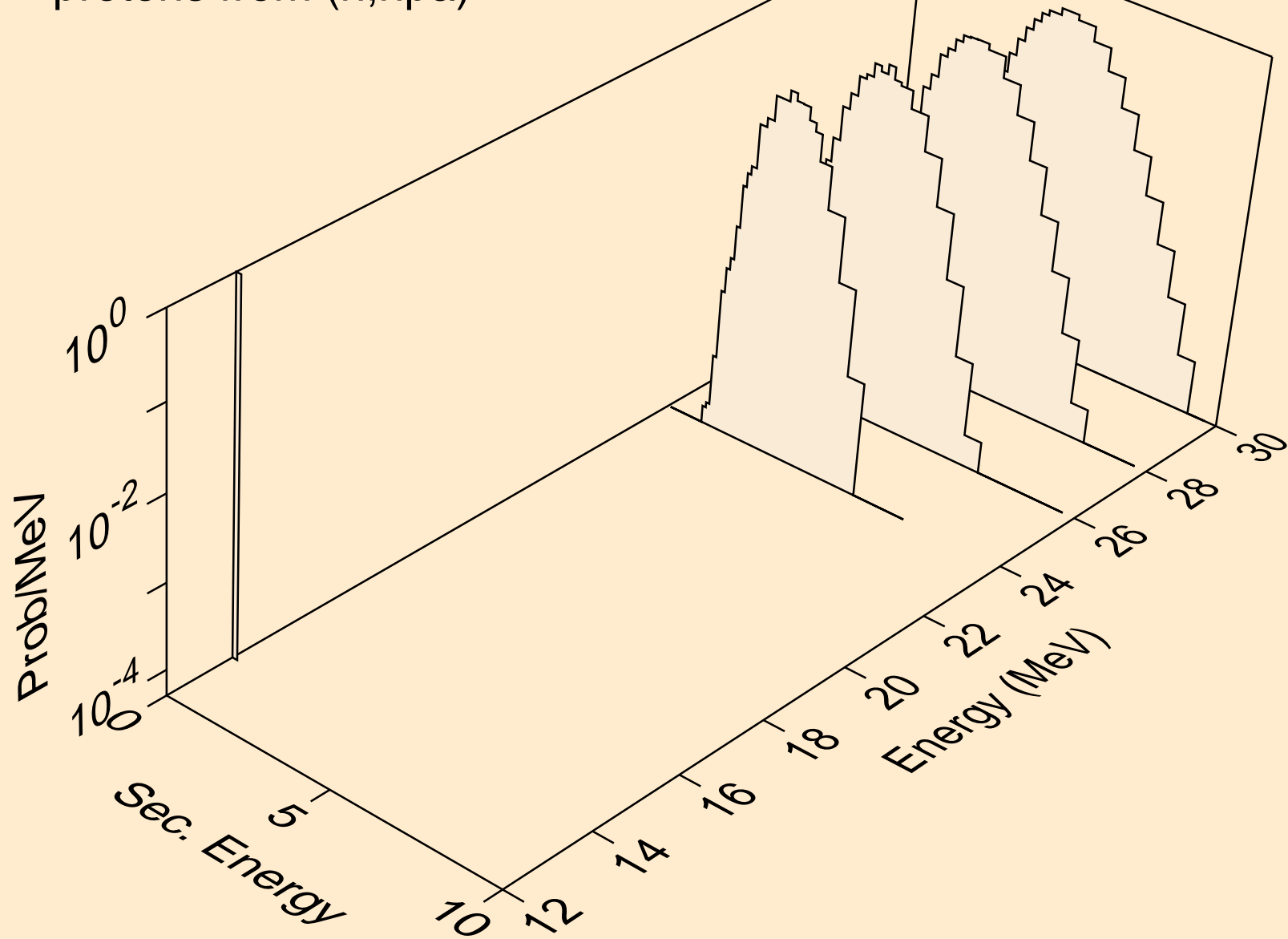
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



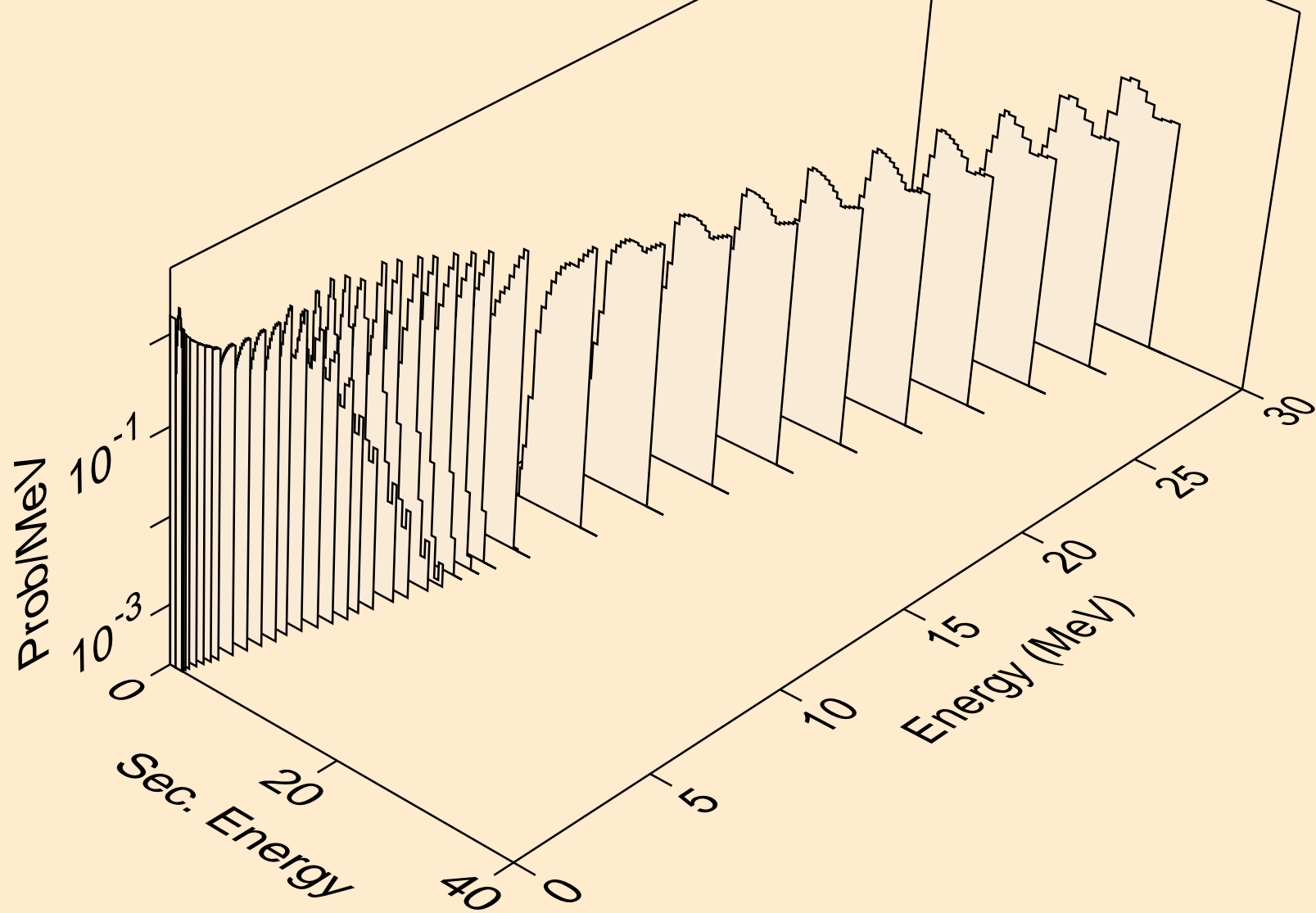
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



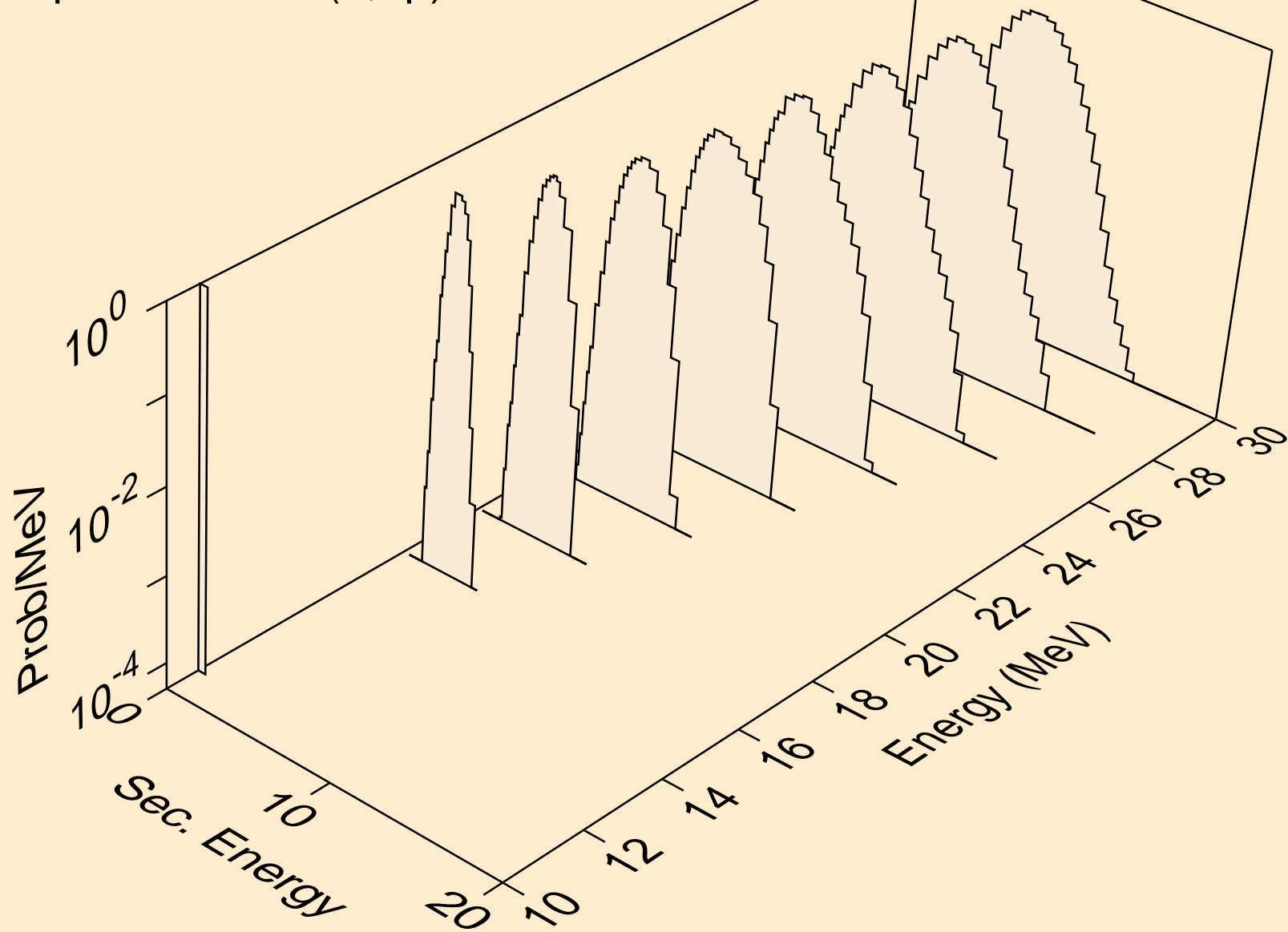
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



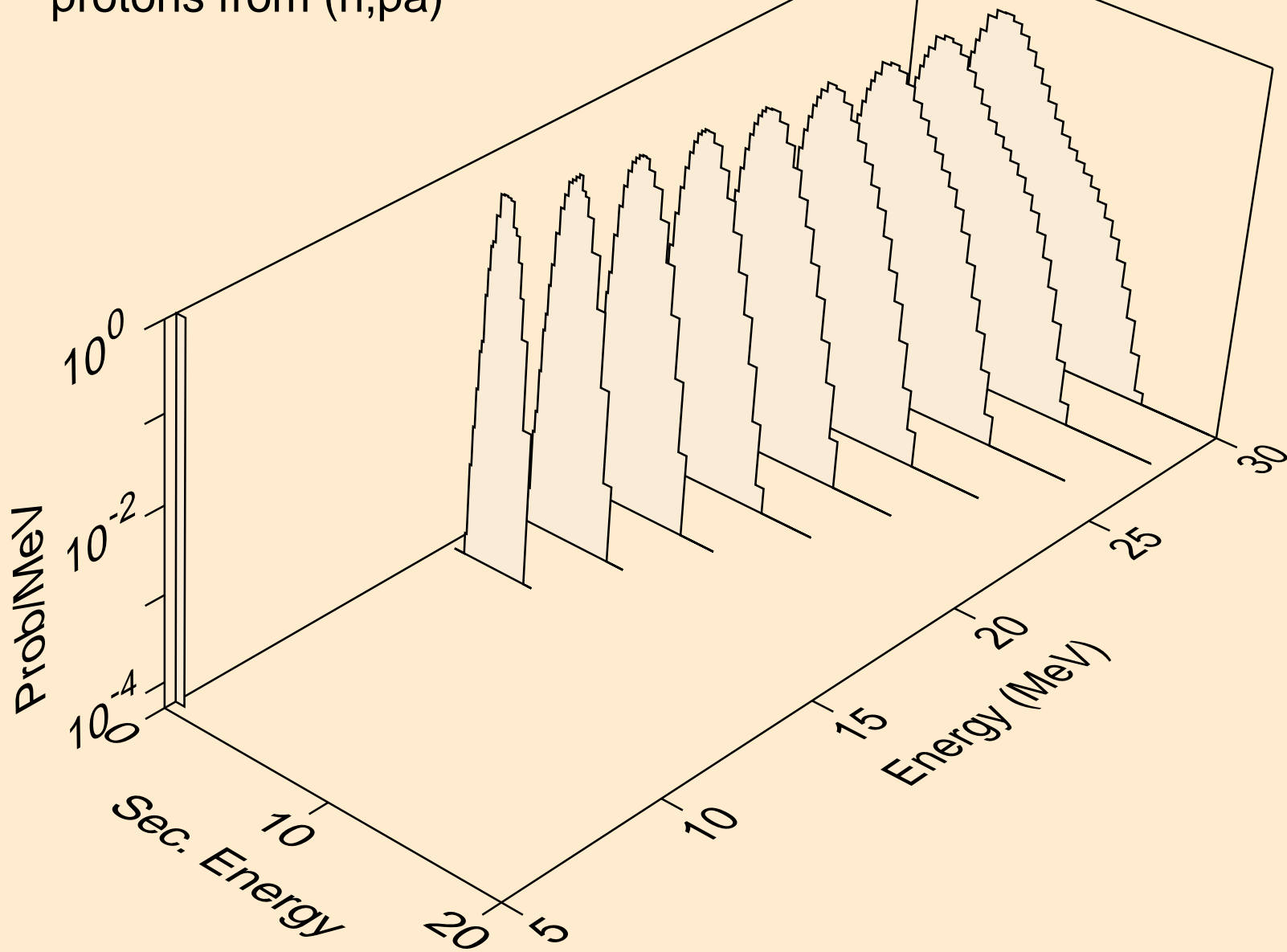
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



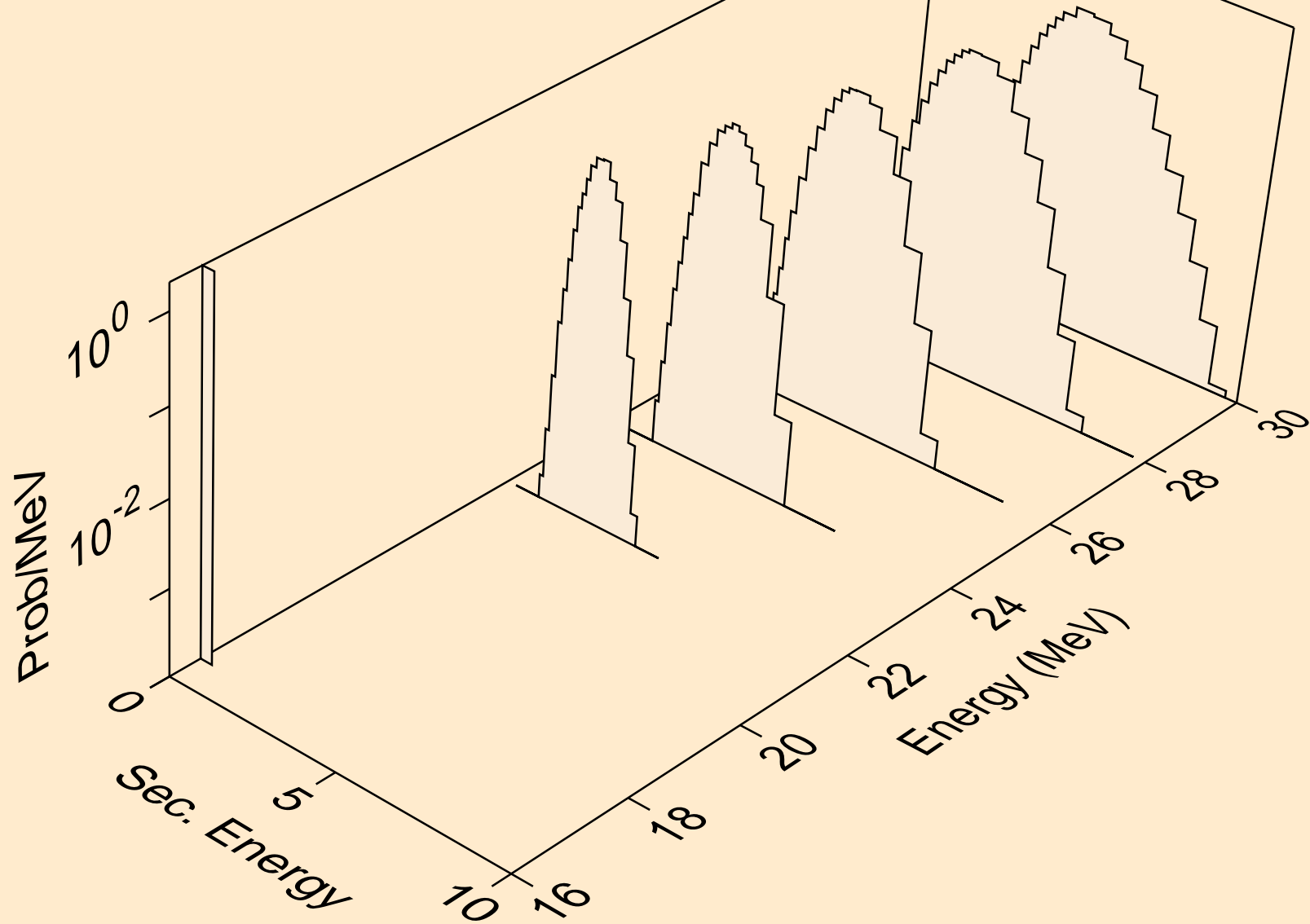
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2p)



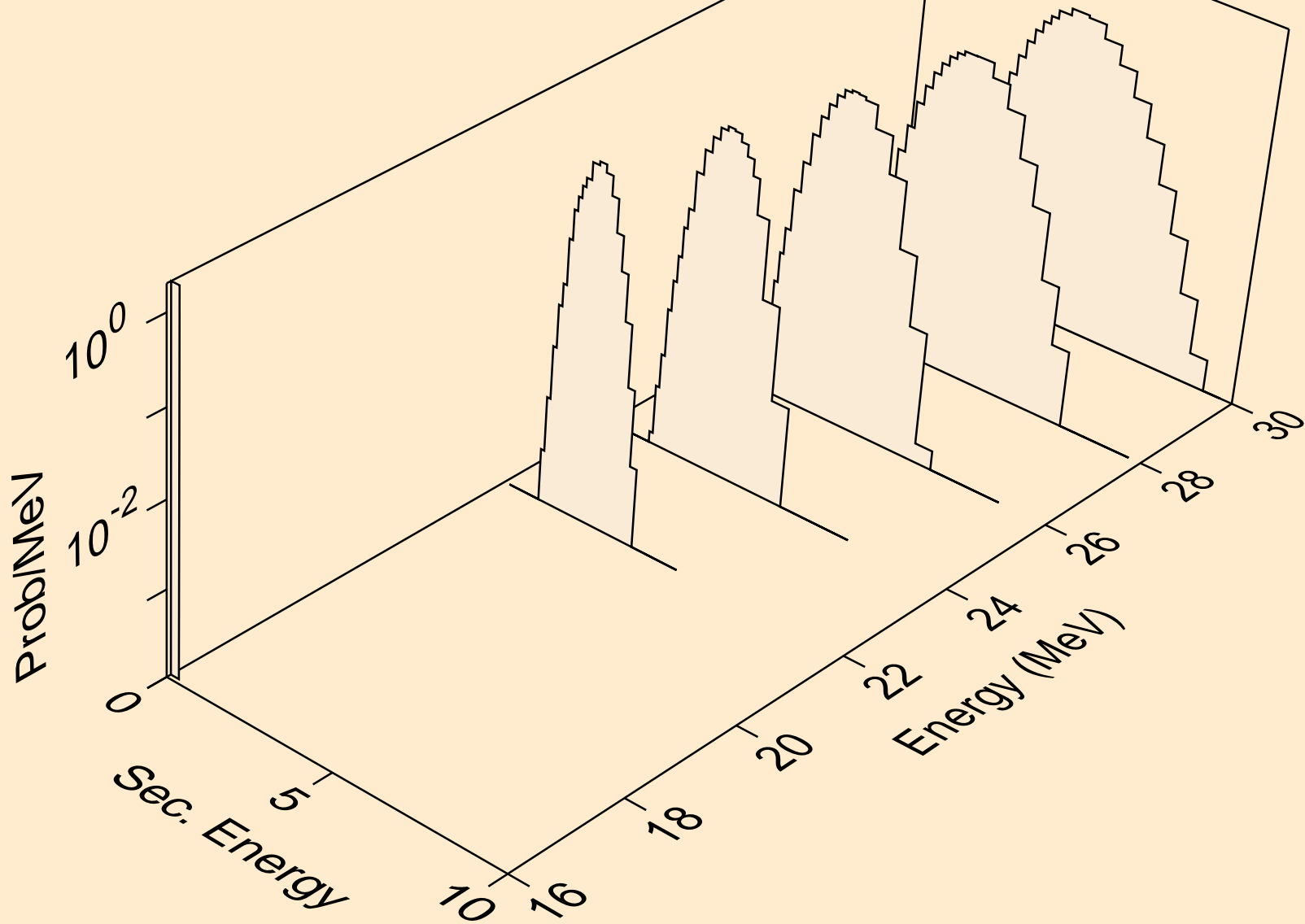
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



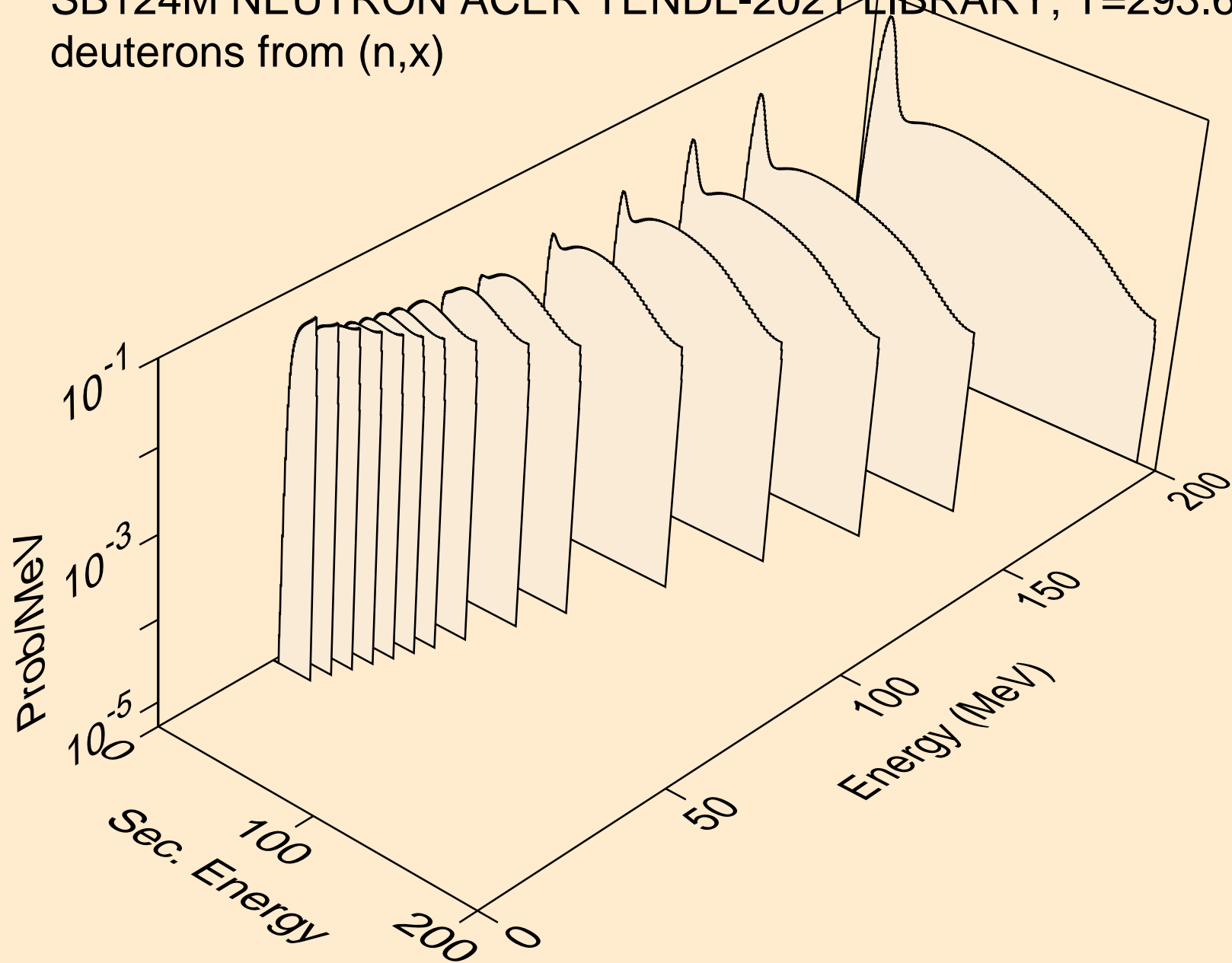
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pd)



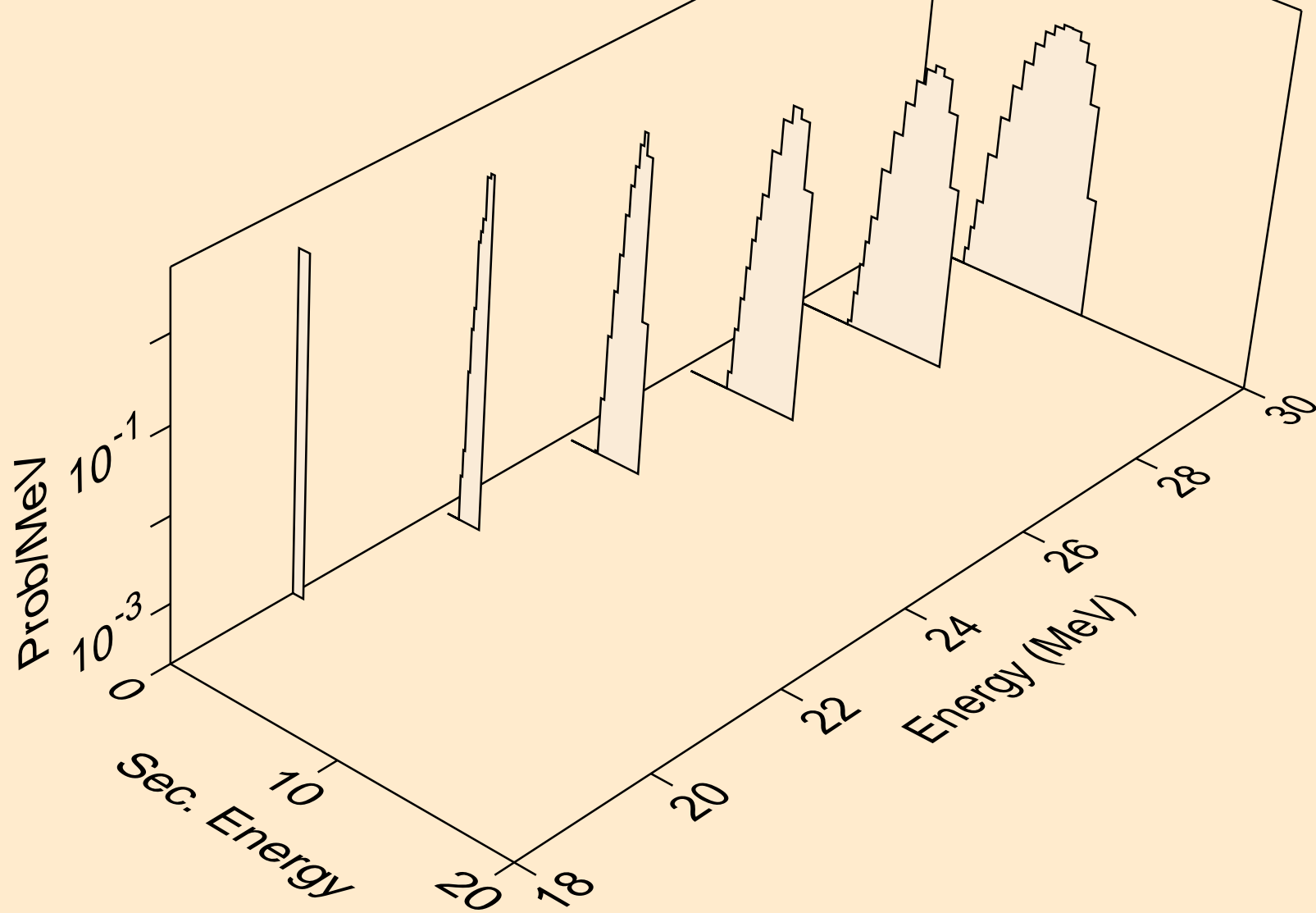
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



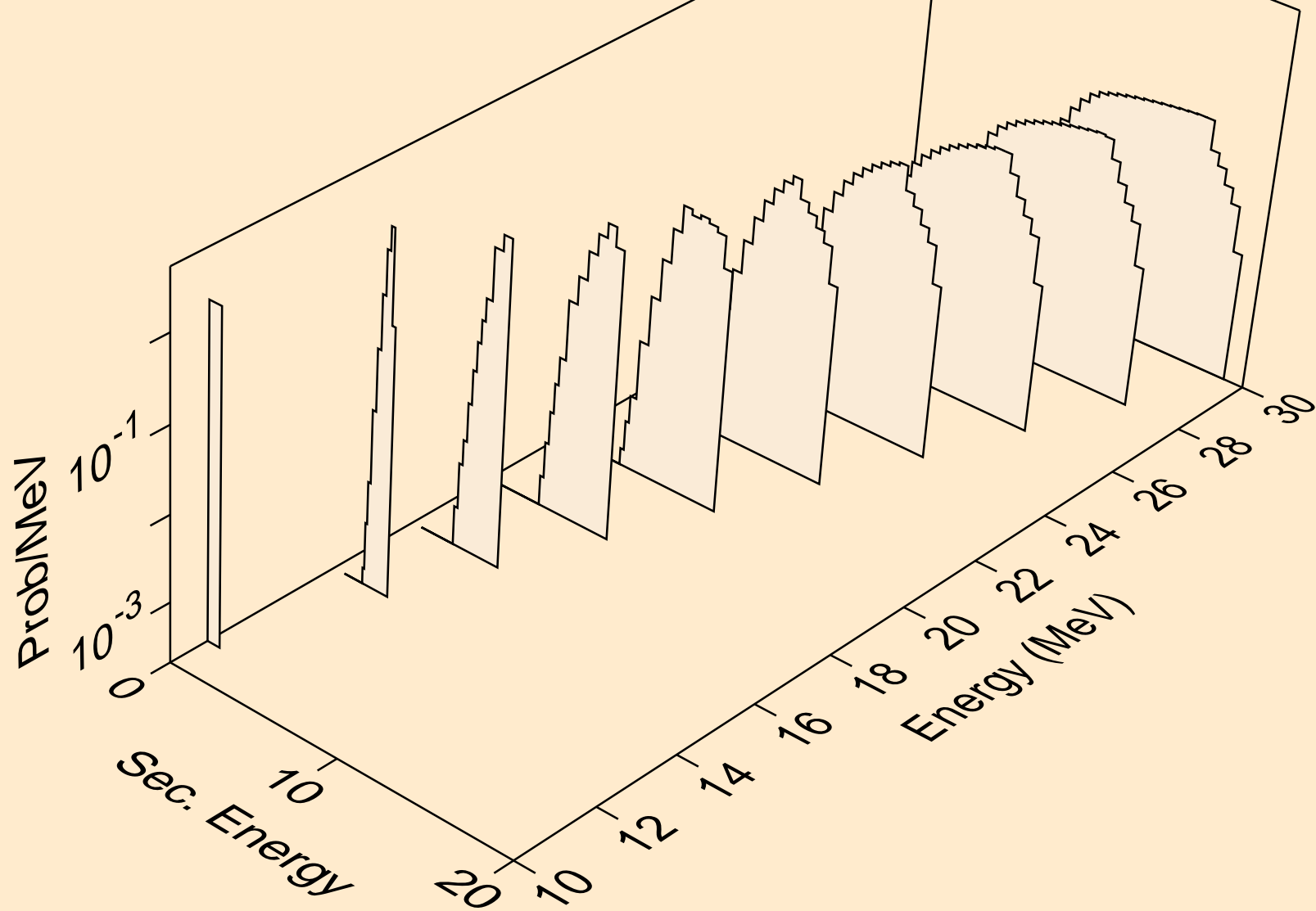
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



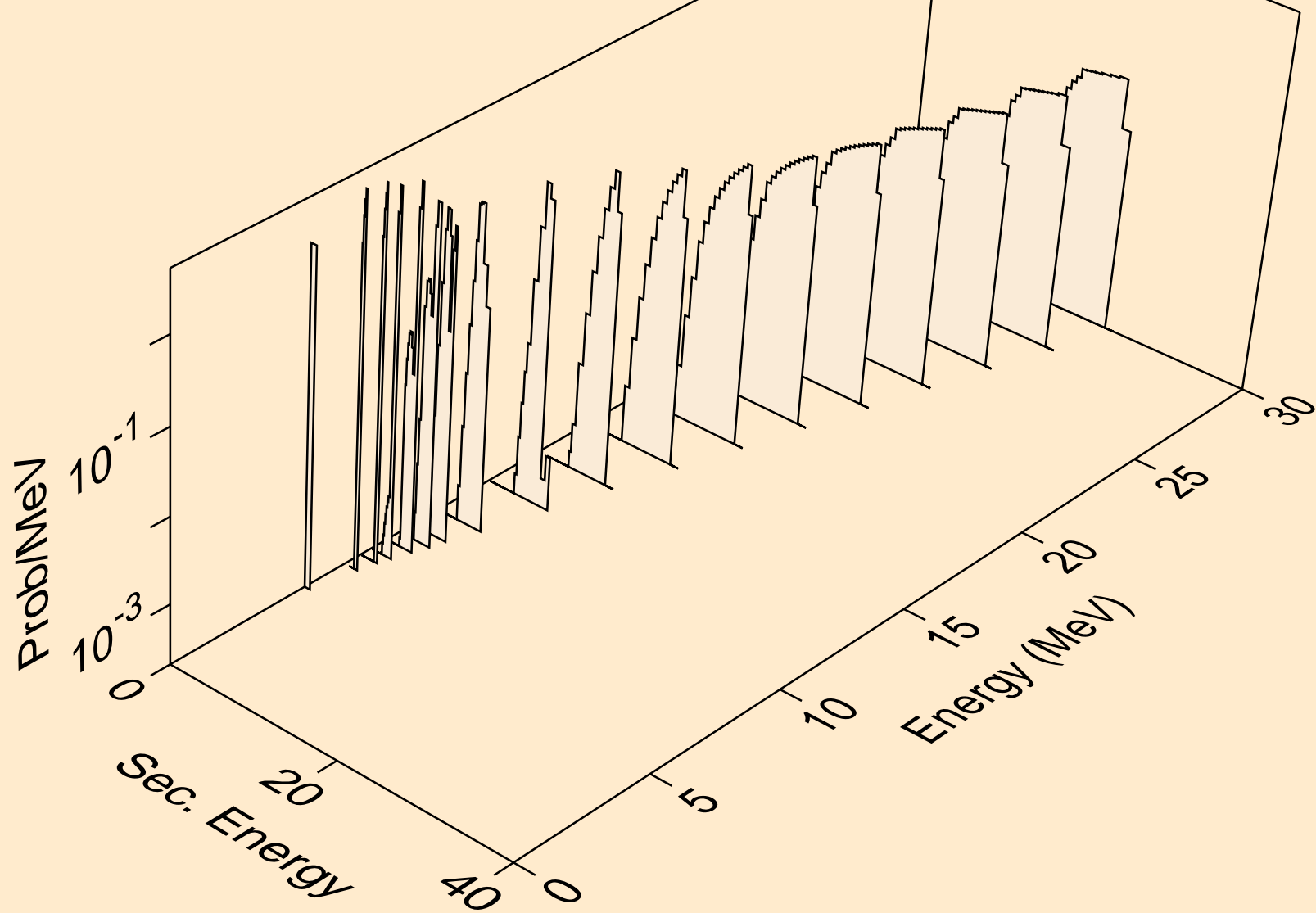
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,2nd)



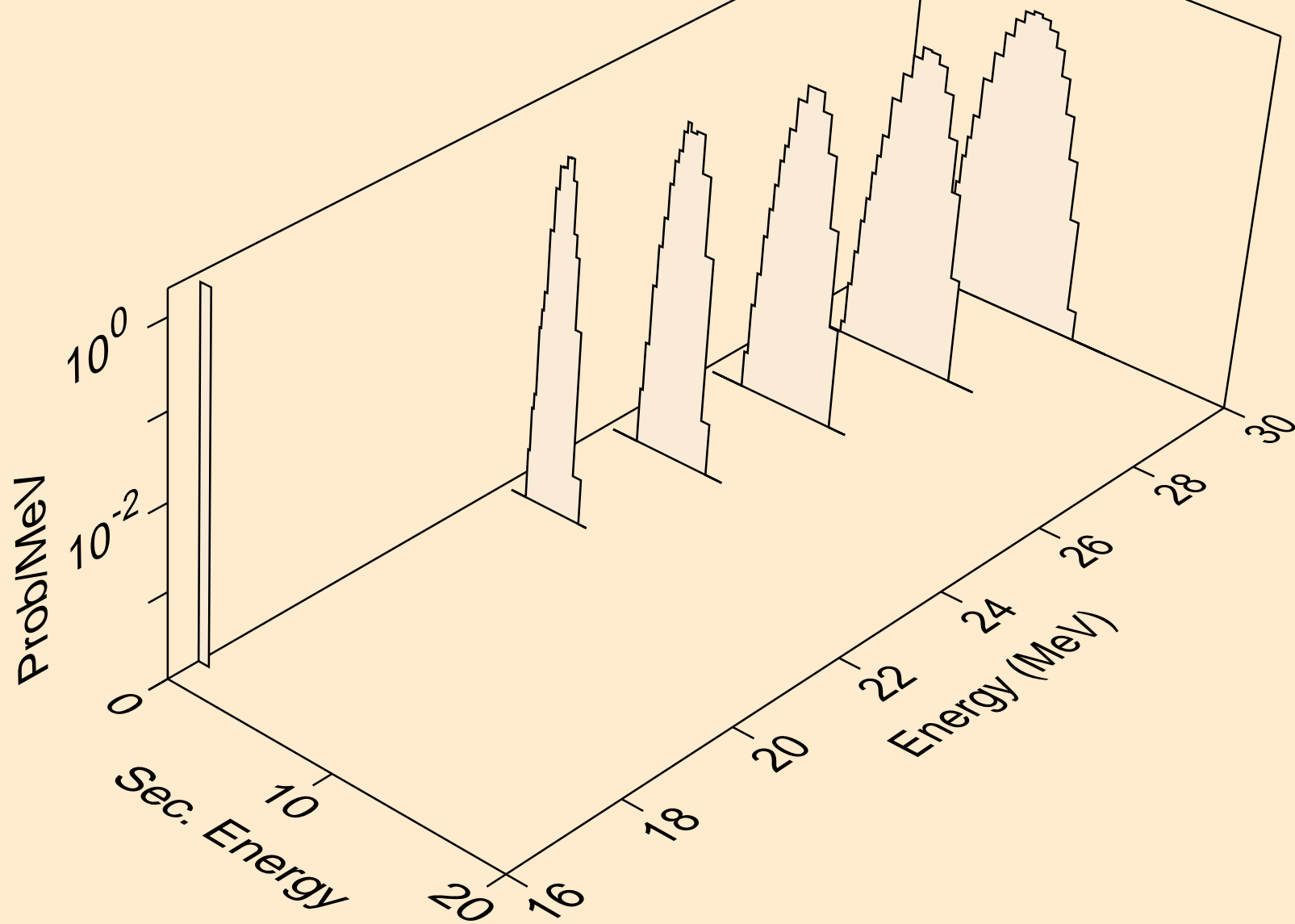
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



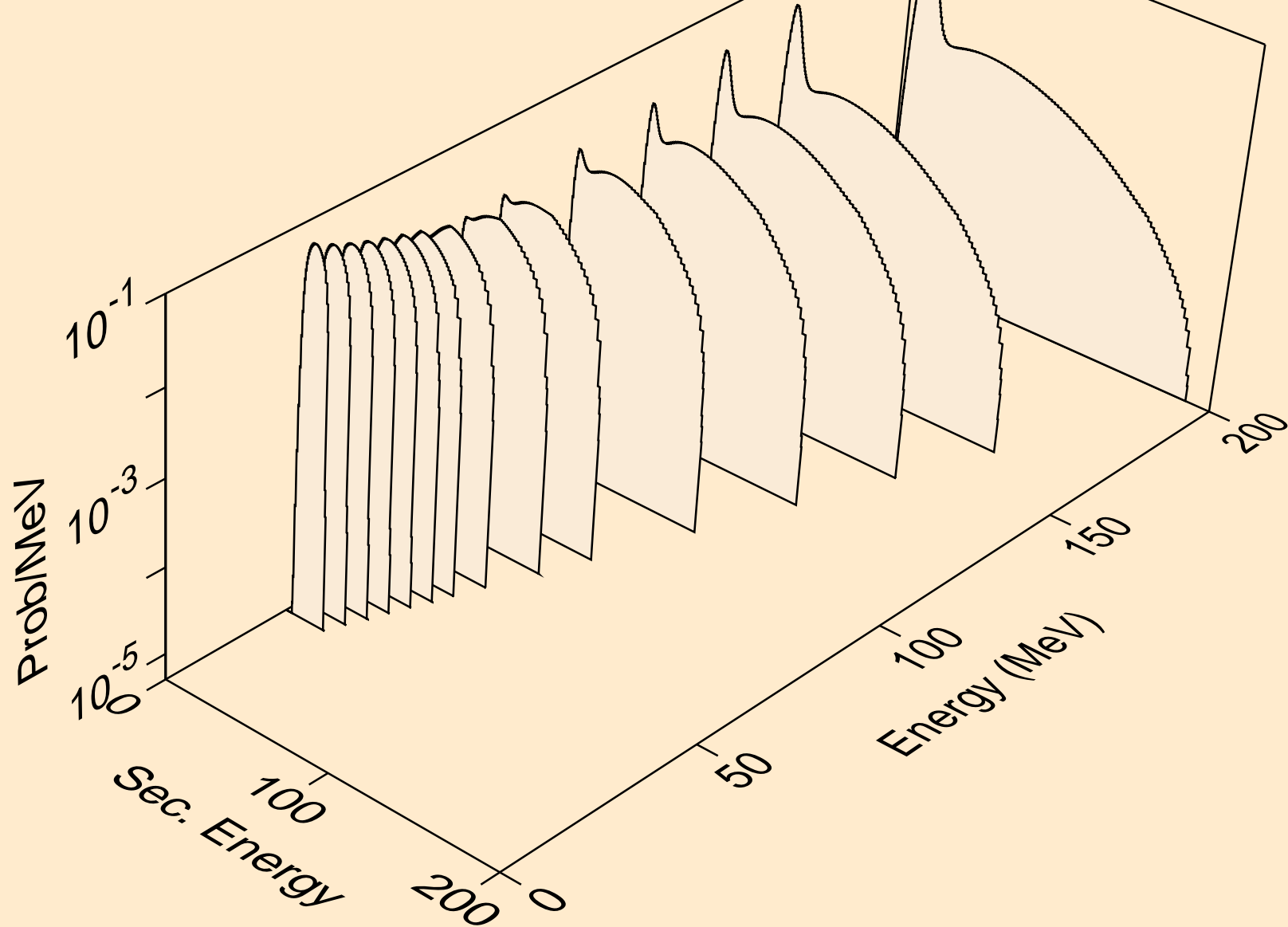
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,d)



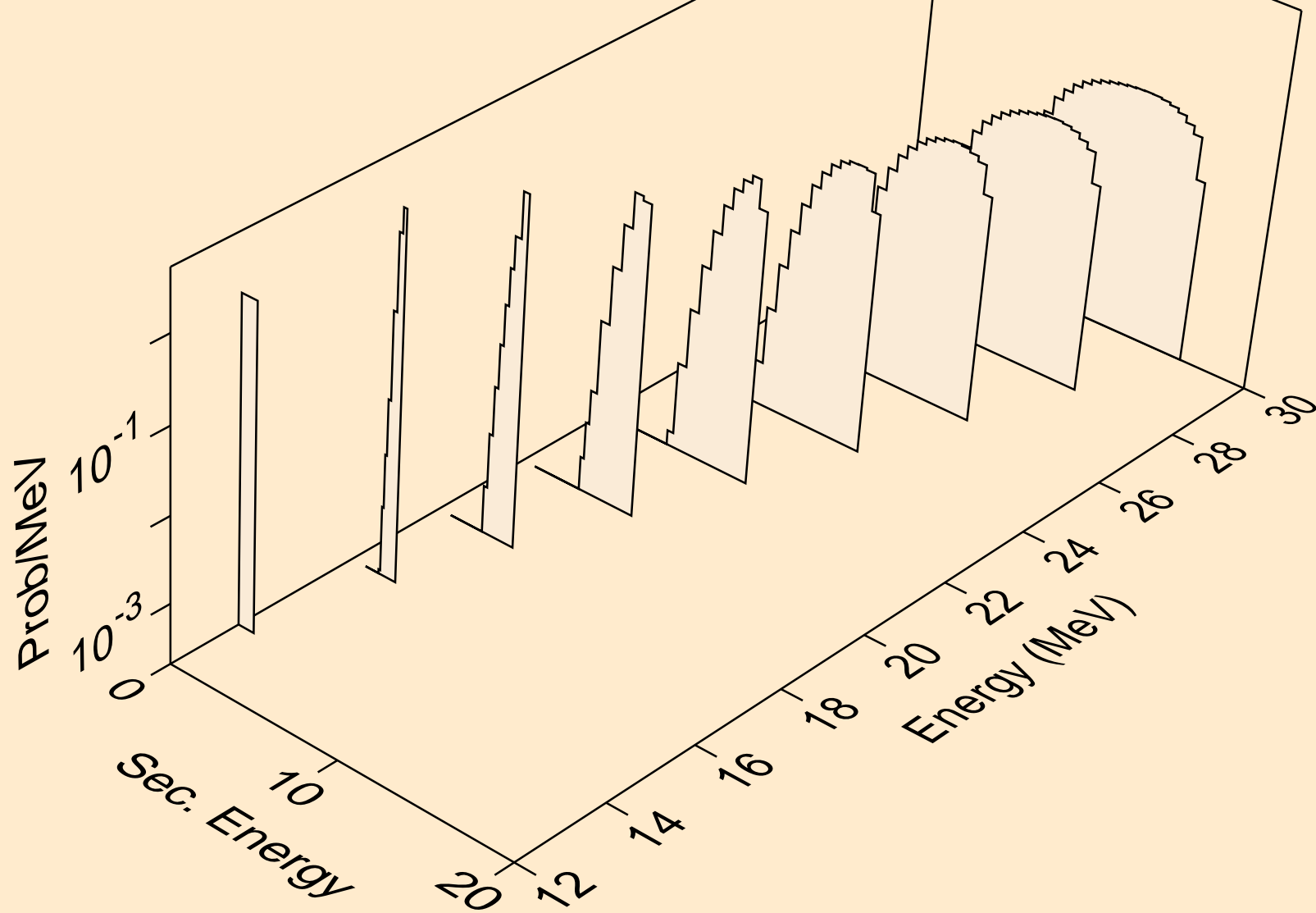
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,pd)



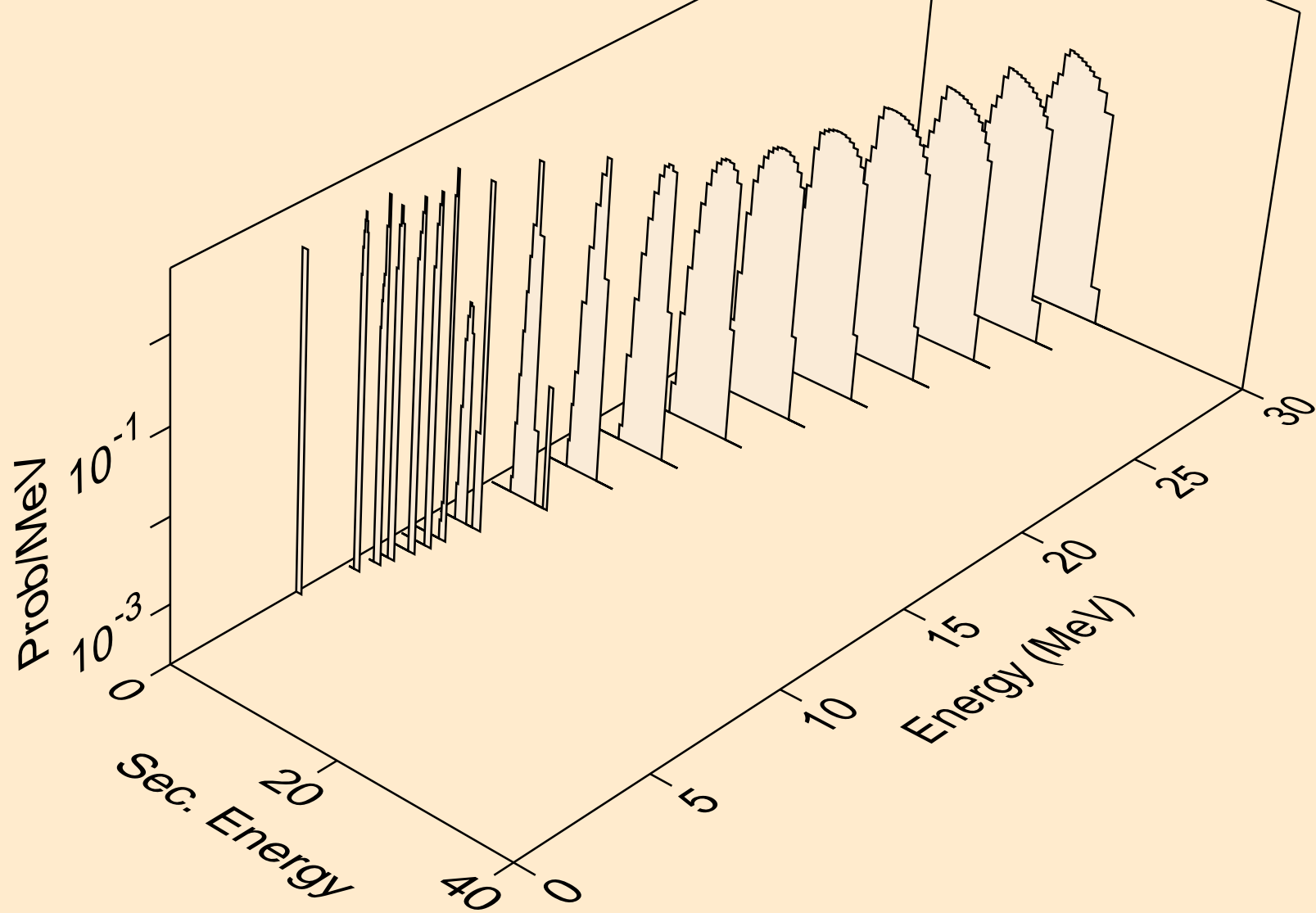
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



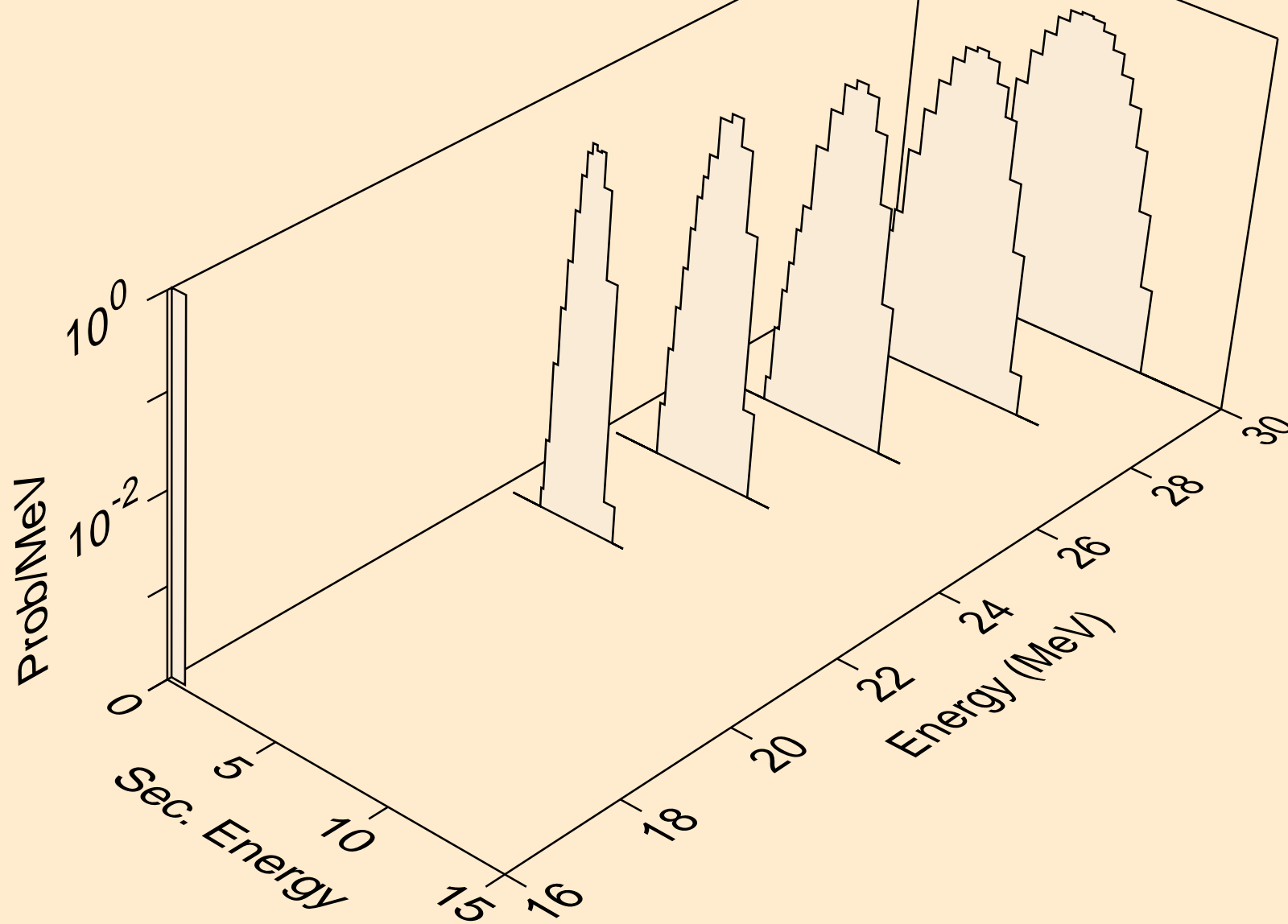
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



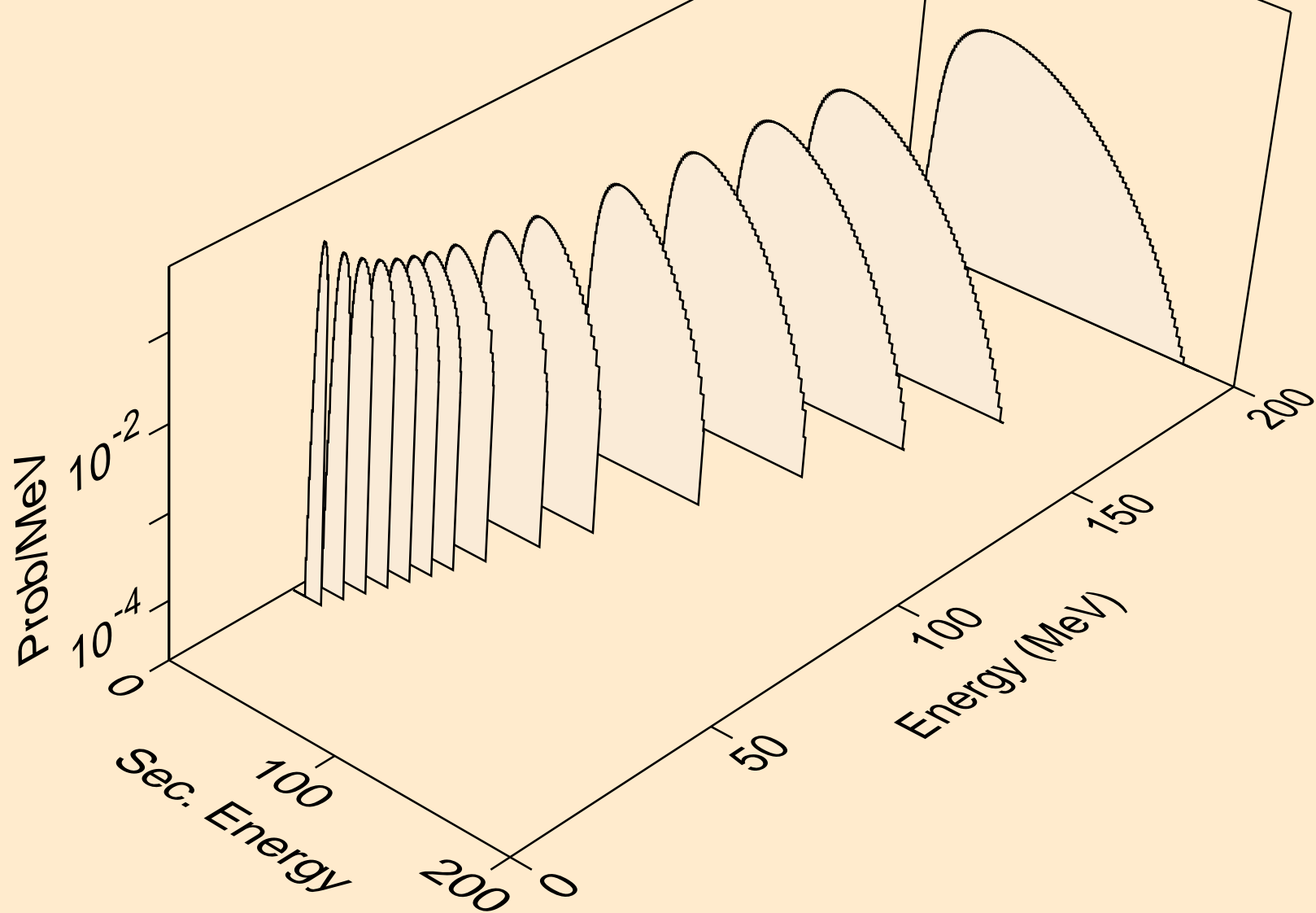
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,t)



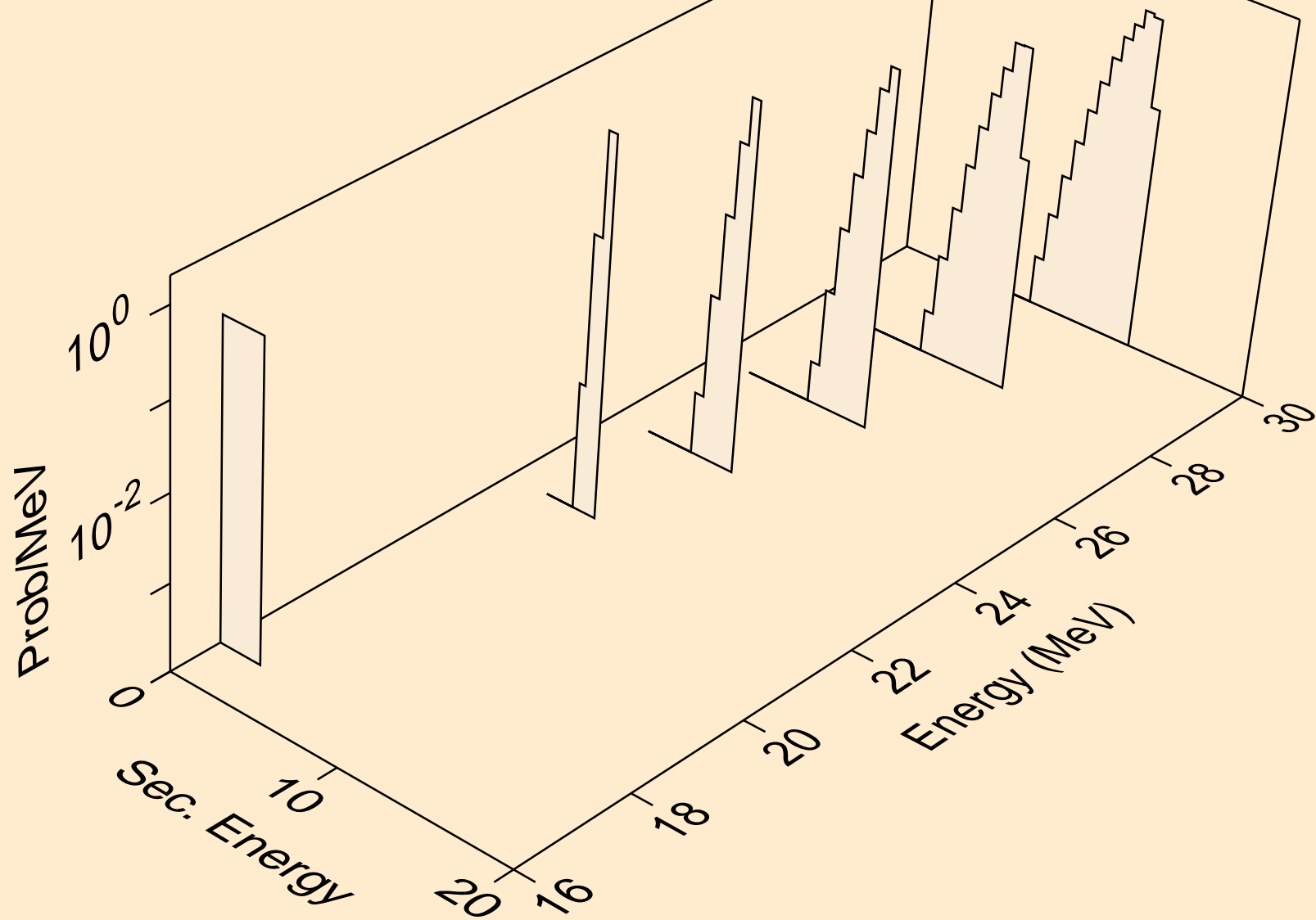
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



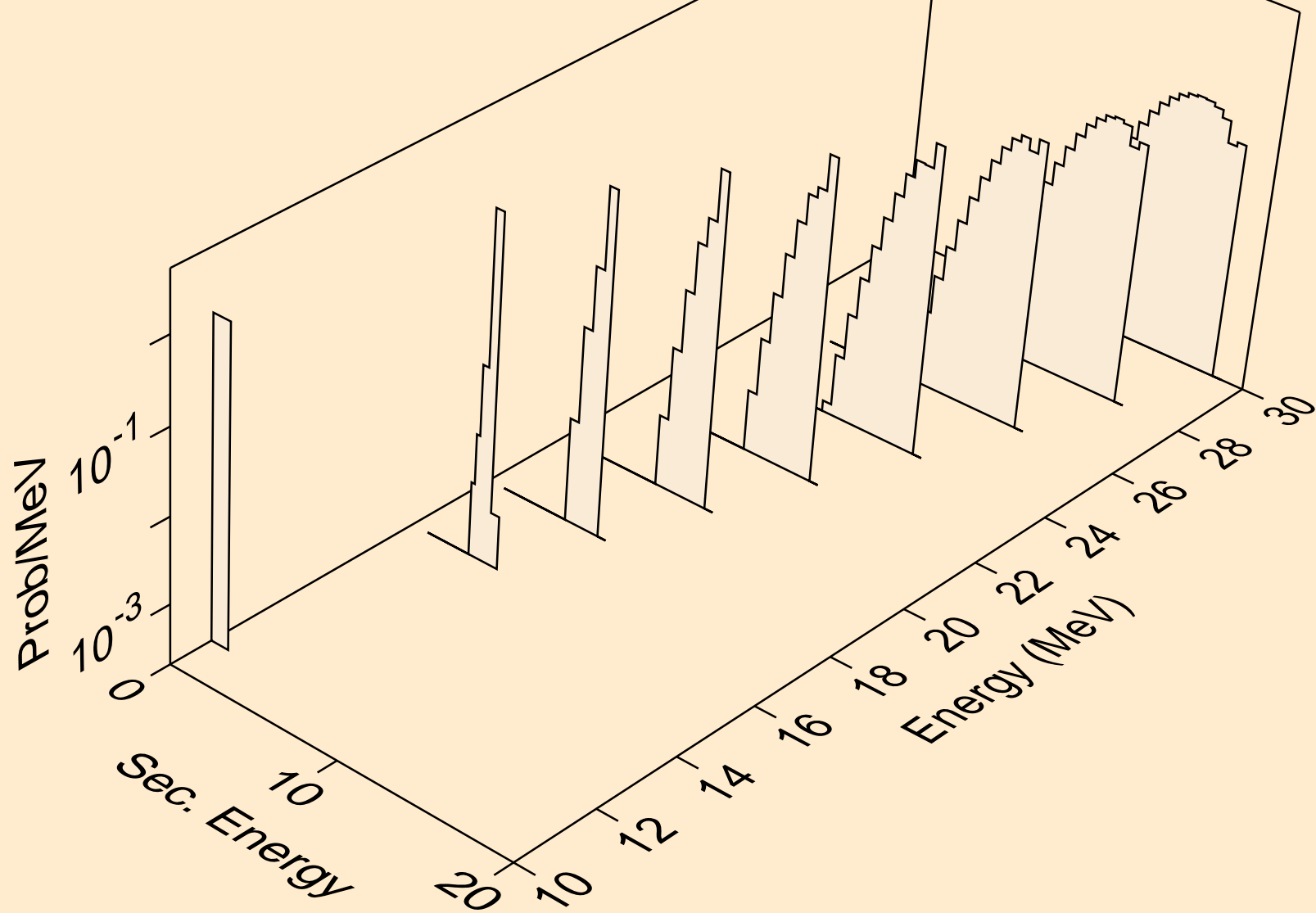
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



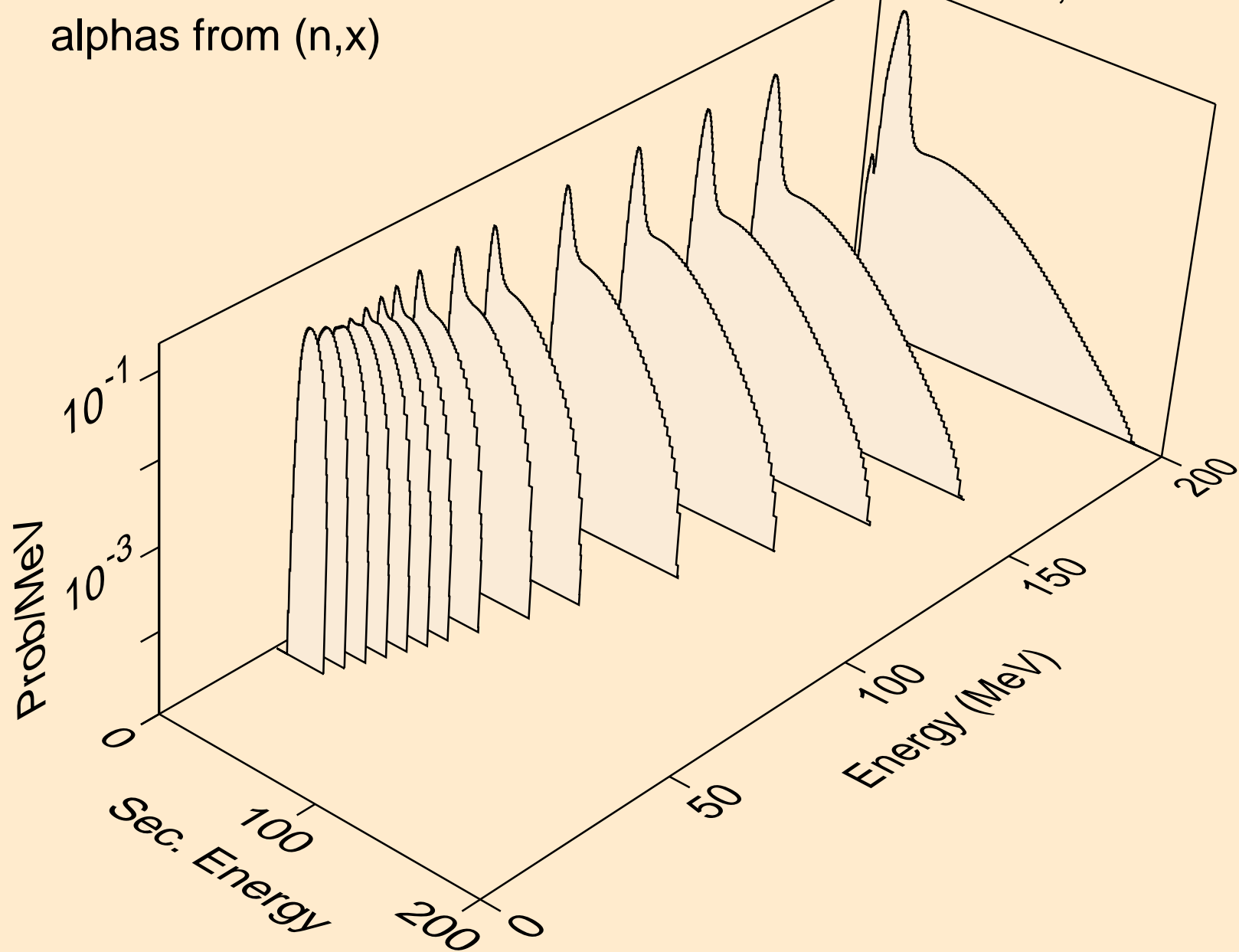
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,n*)he3



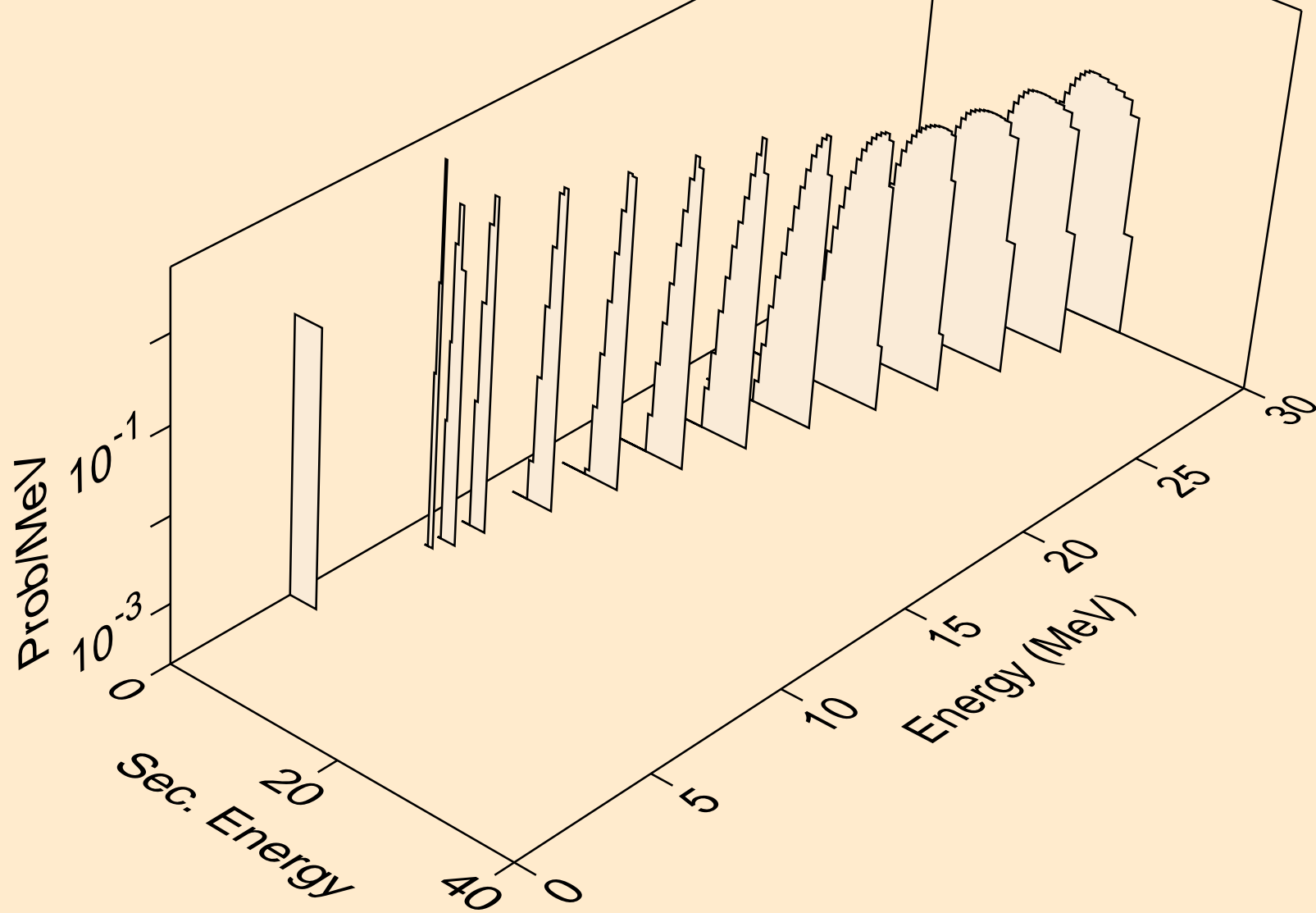
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,he3)



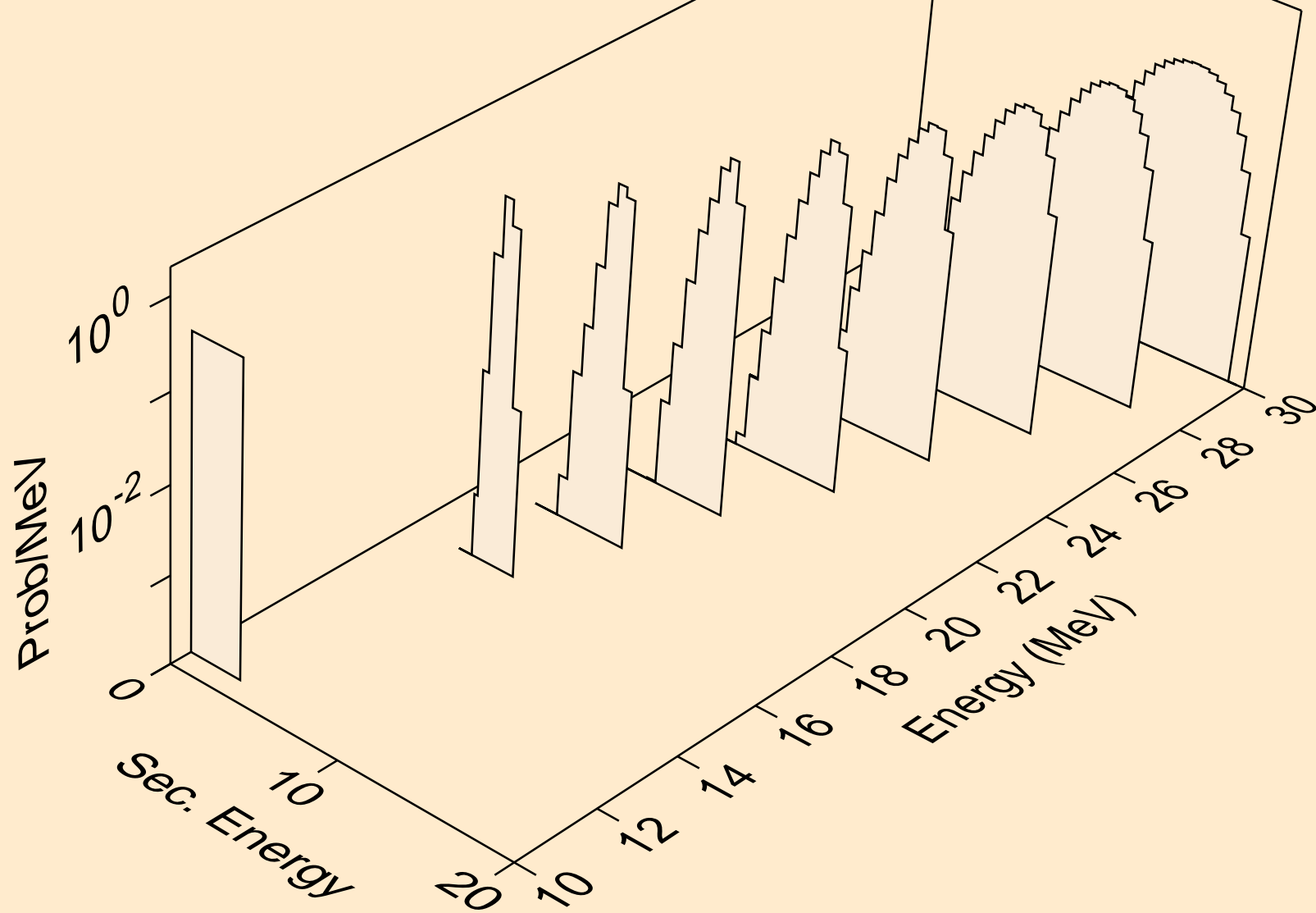
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



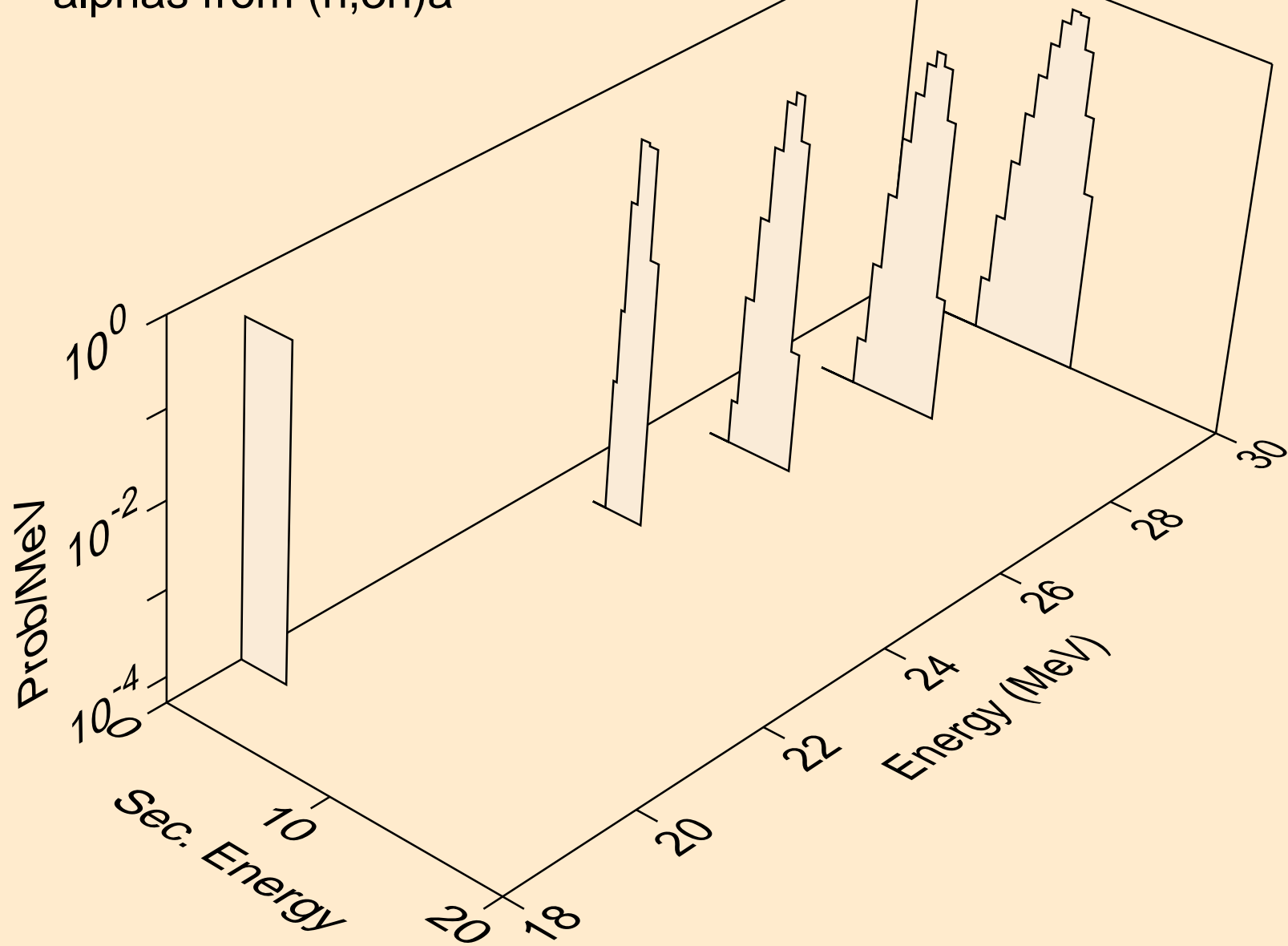
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



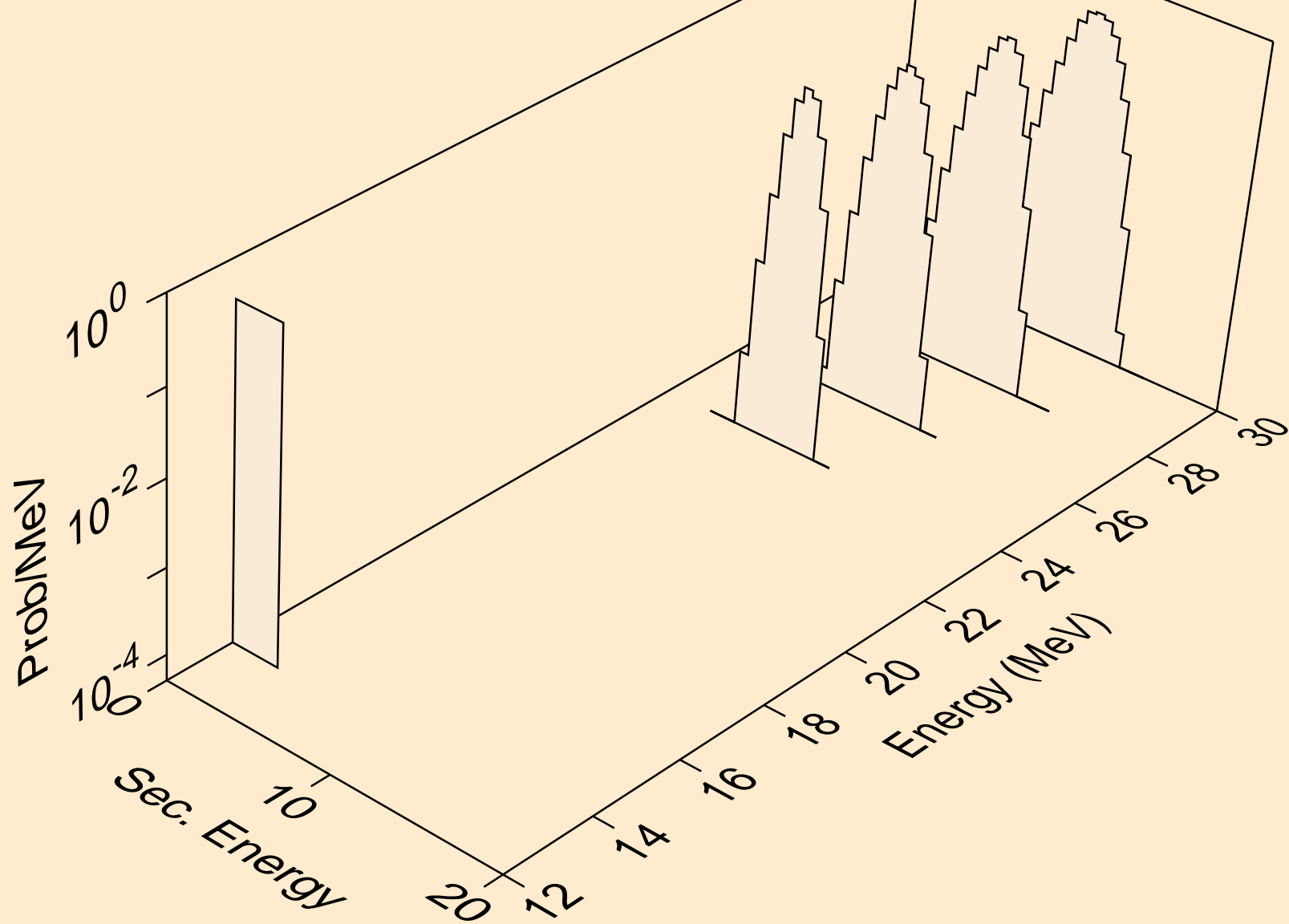
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



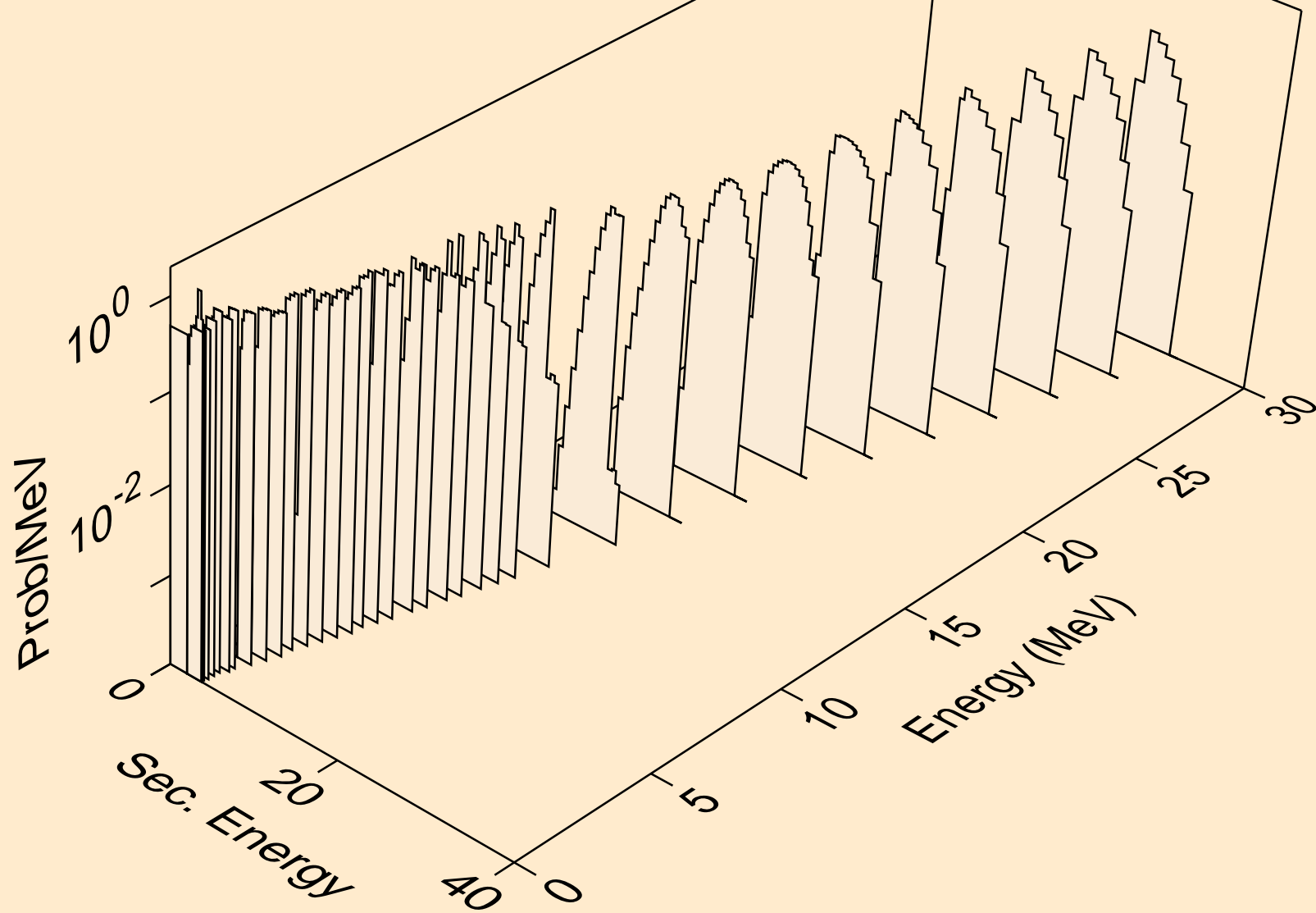
SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



SB124M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)

