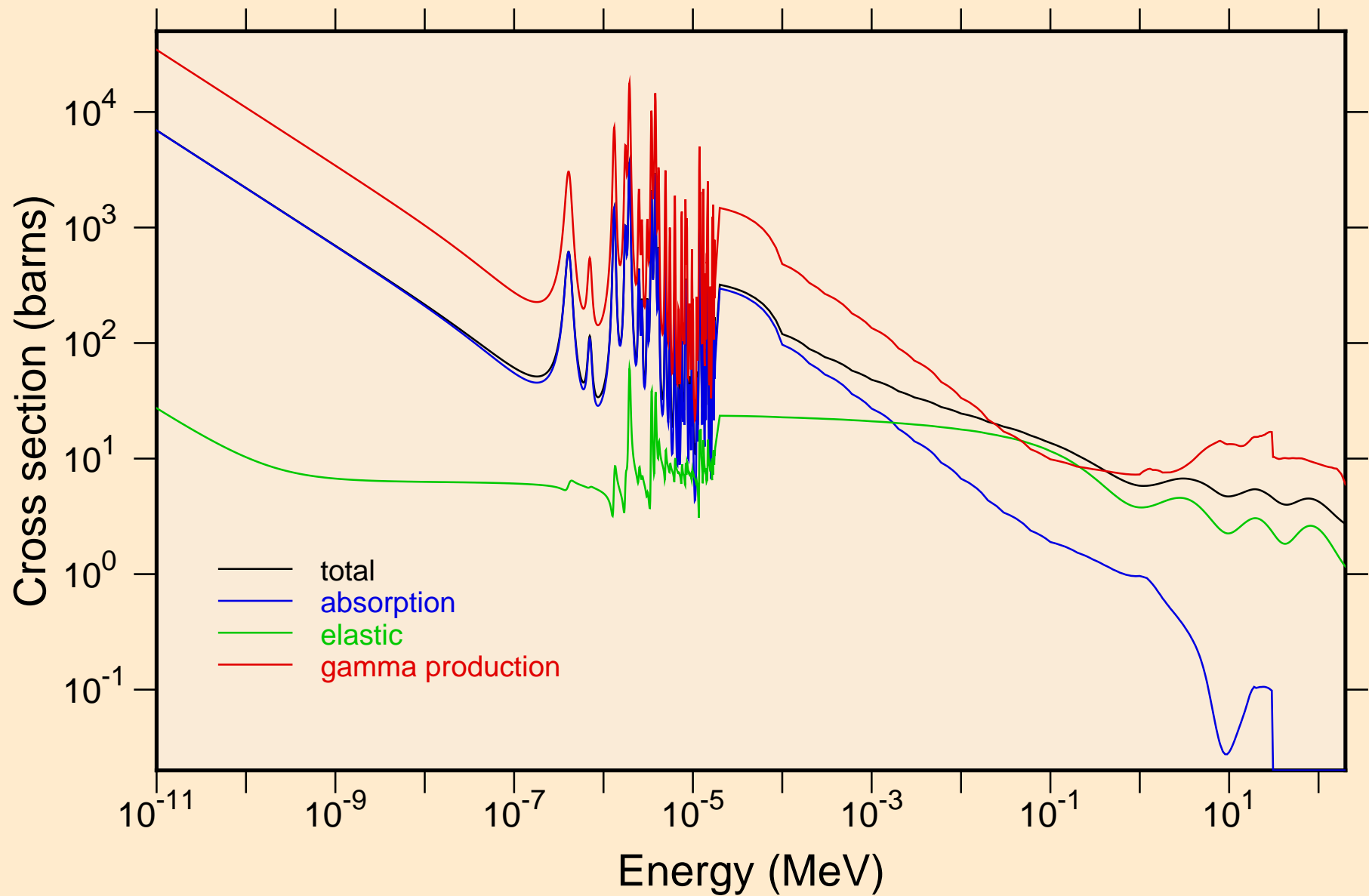
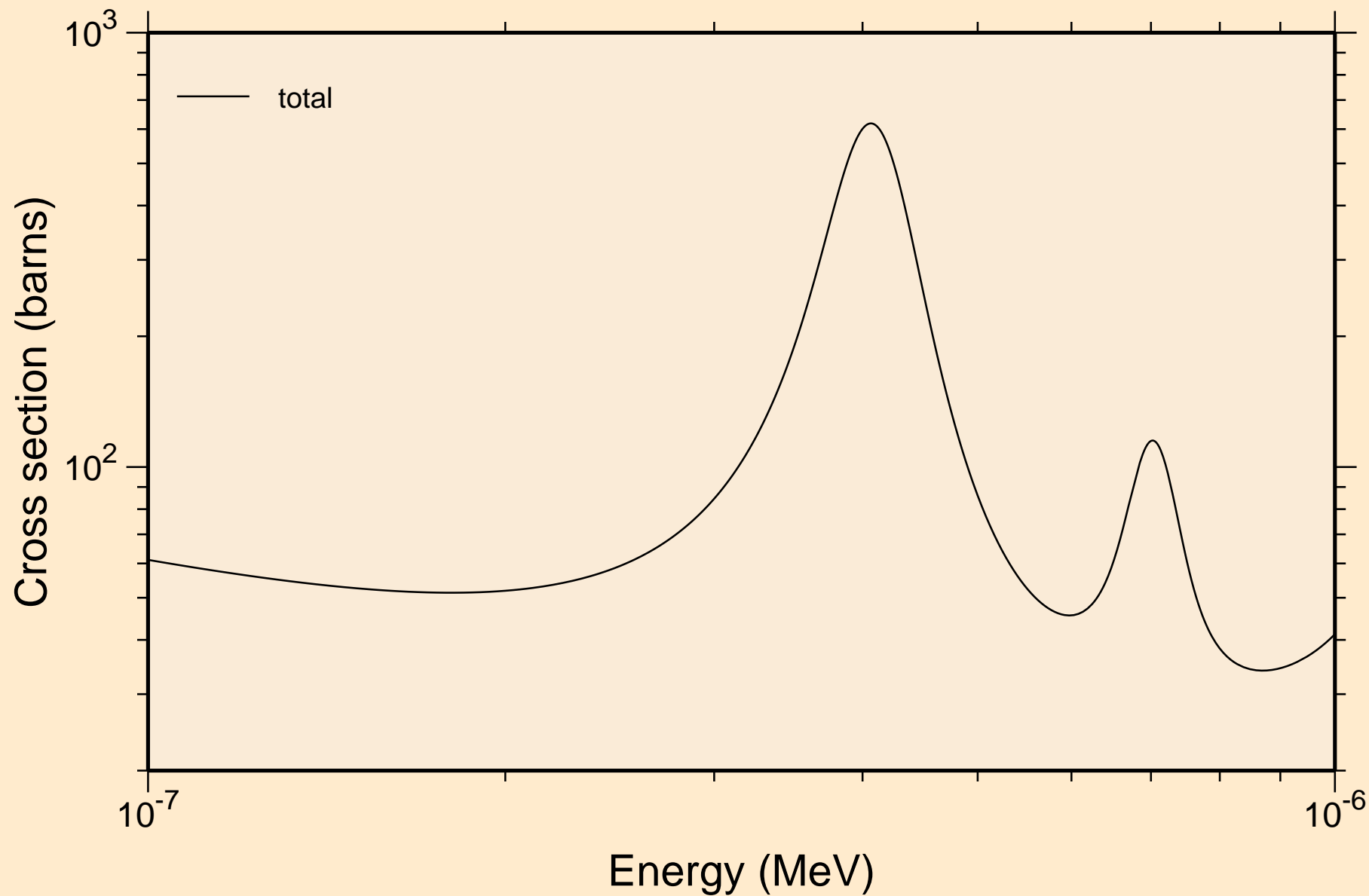


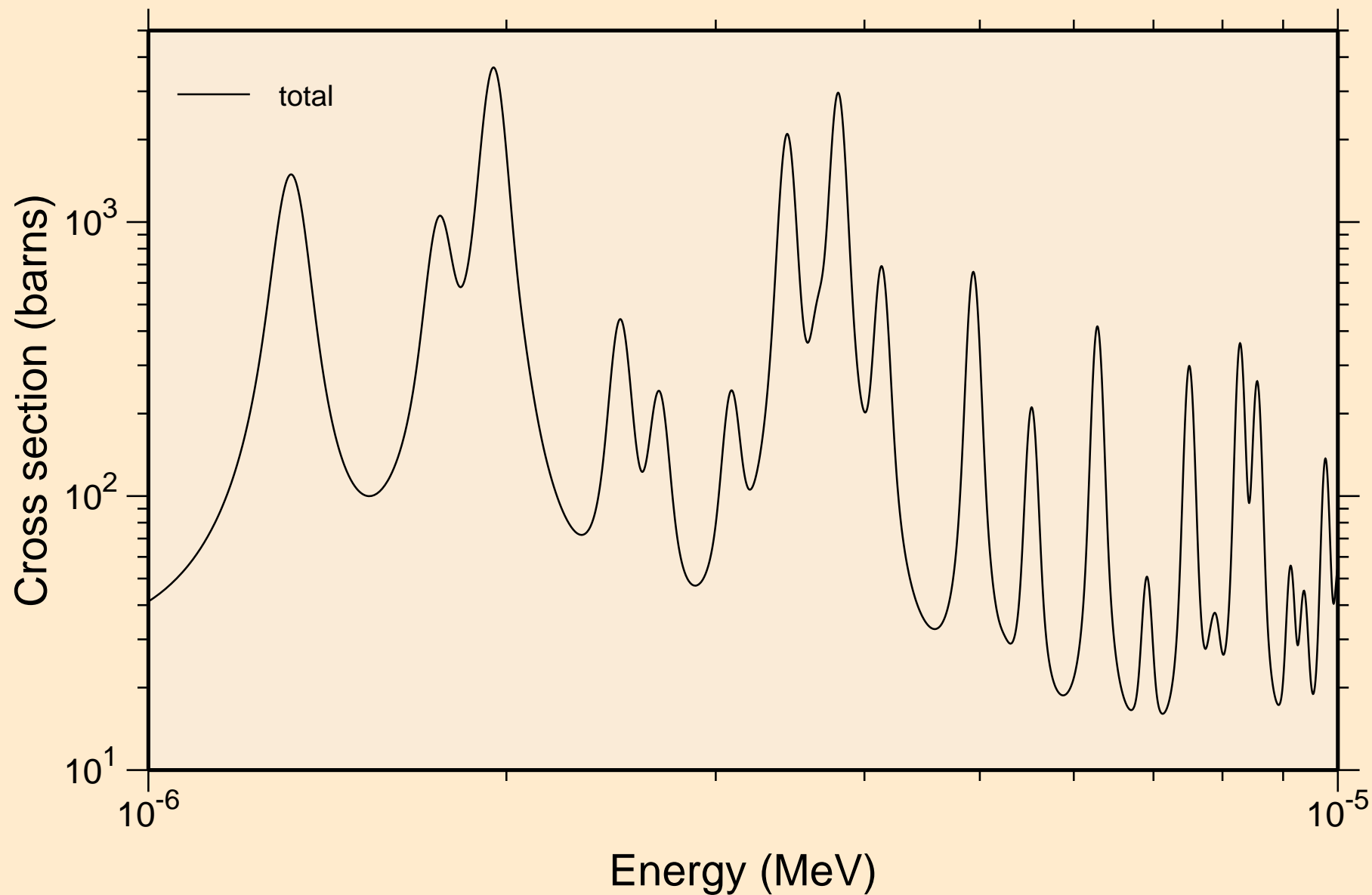
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



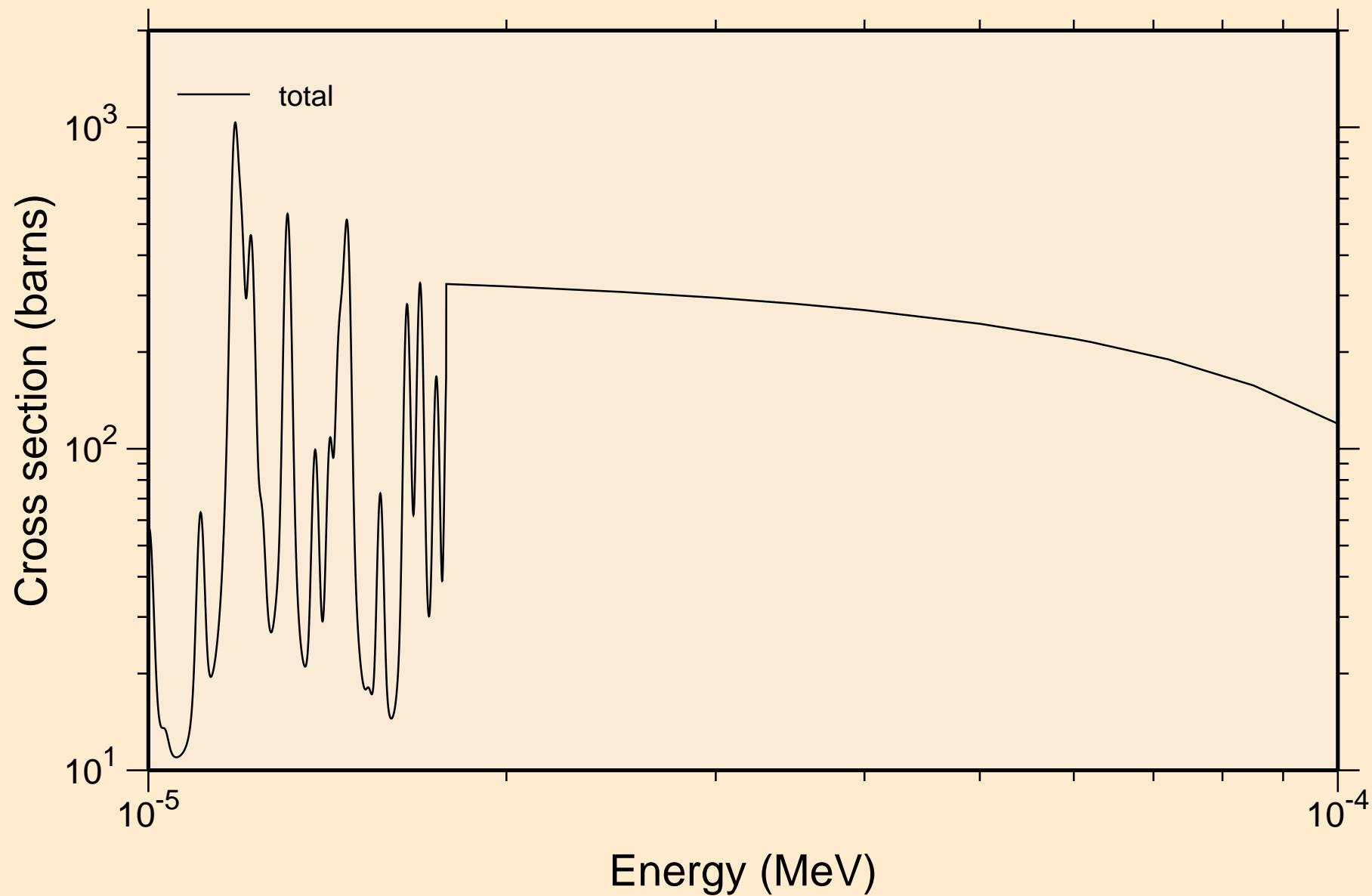
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



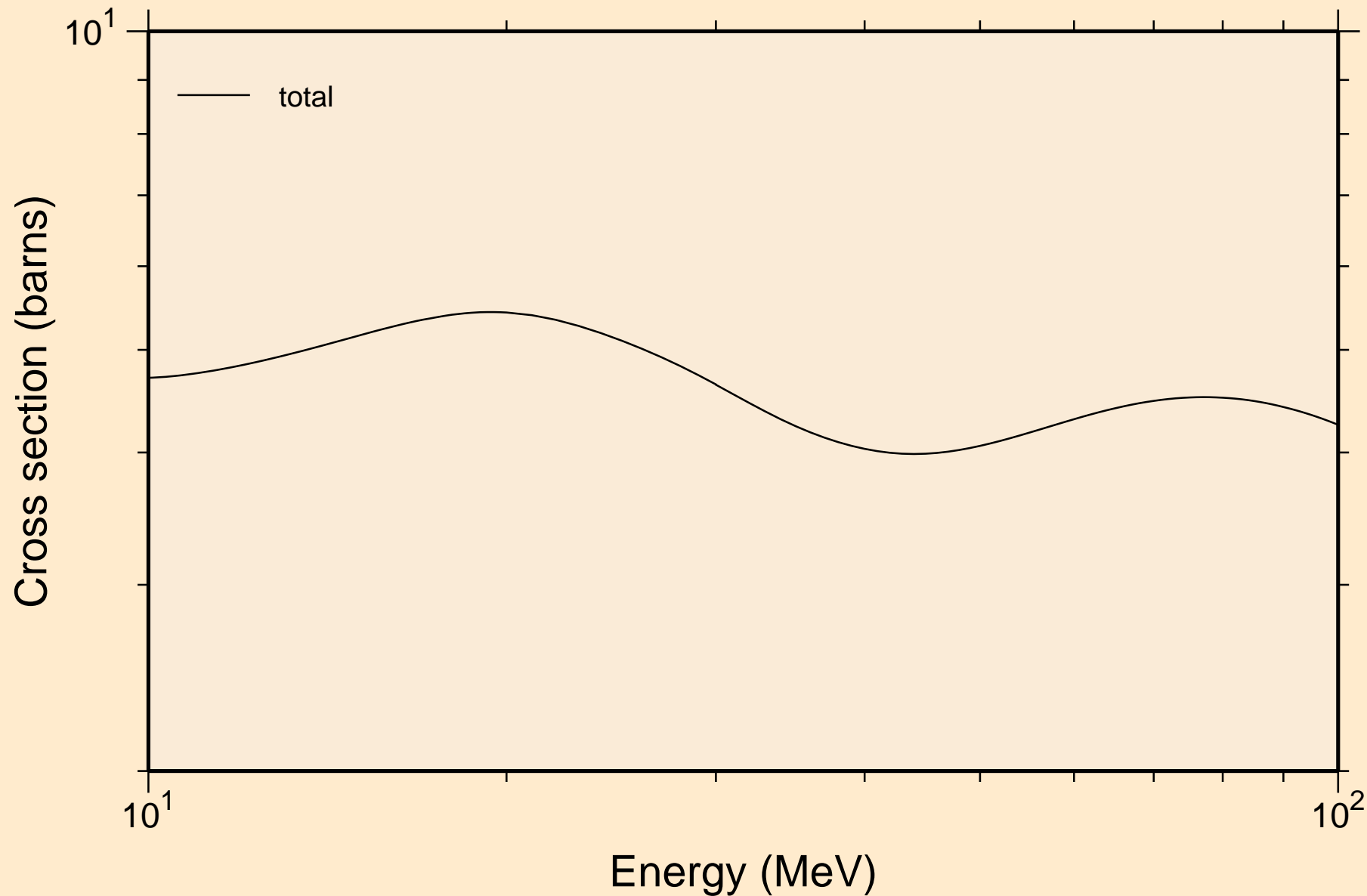
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



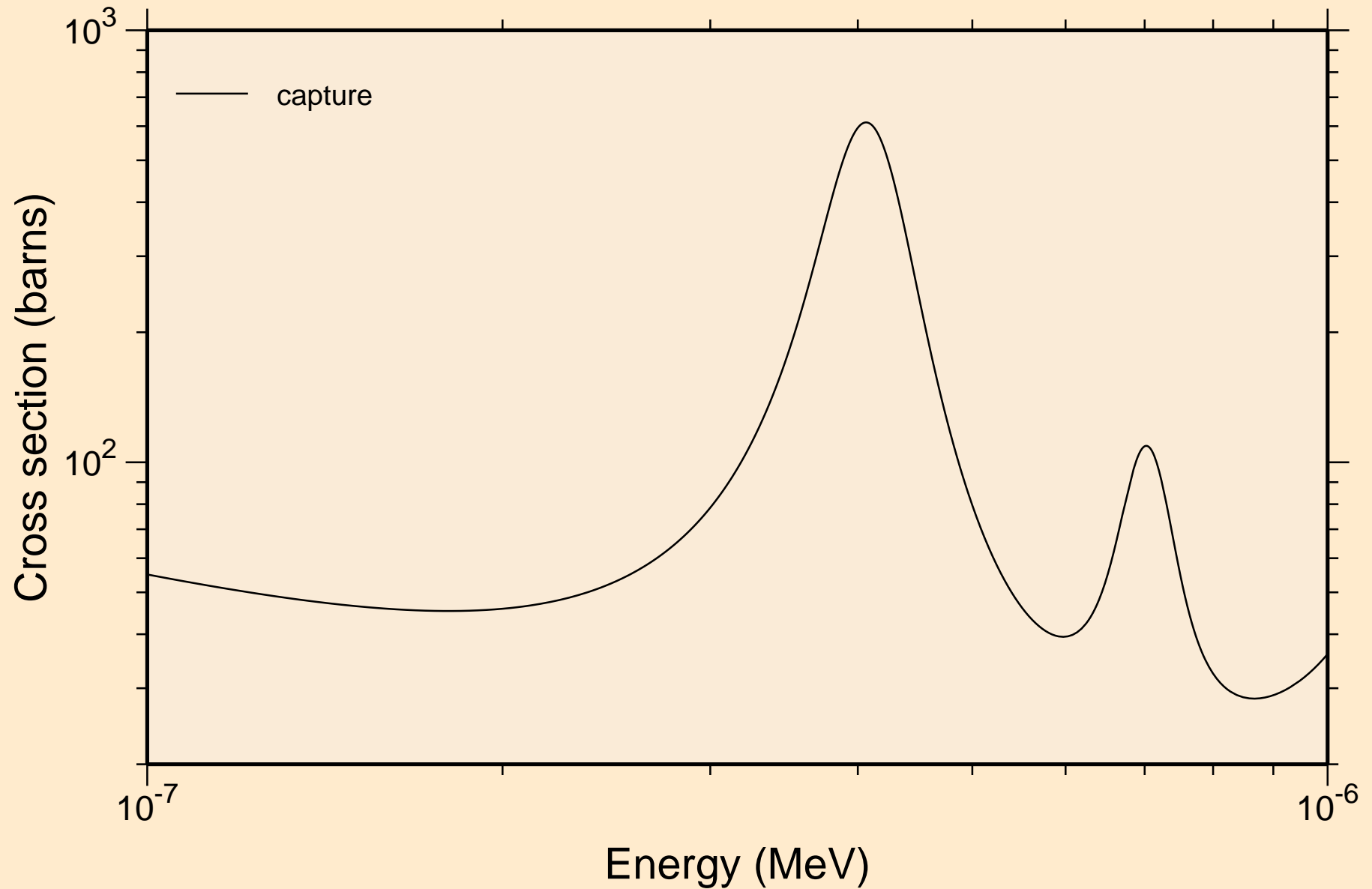
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



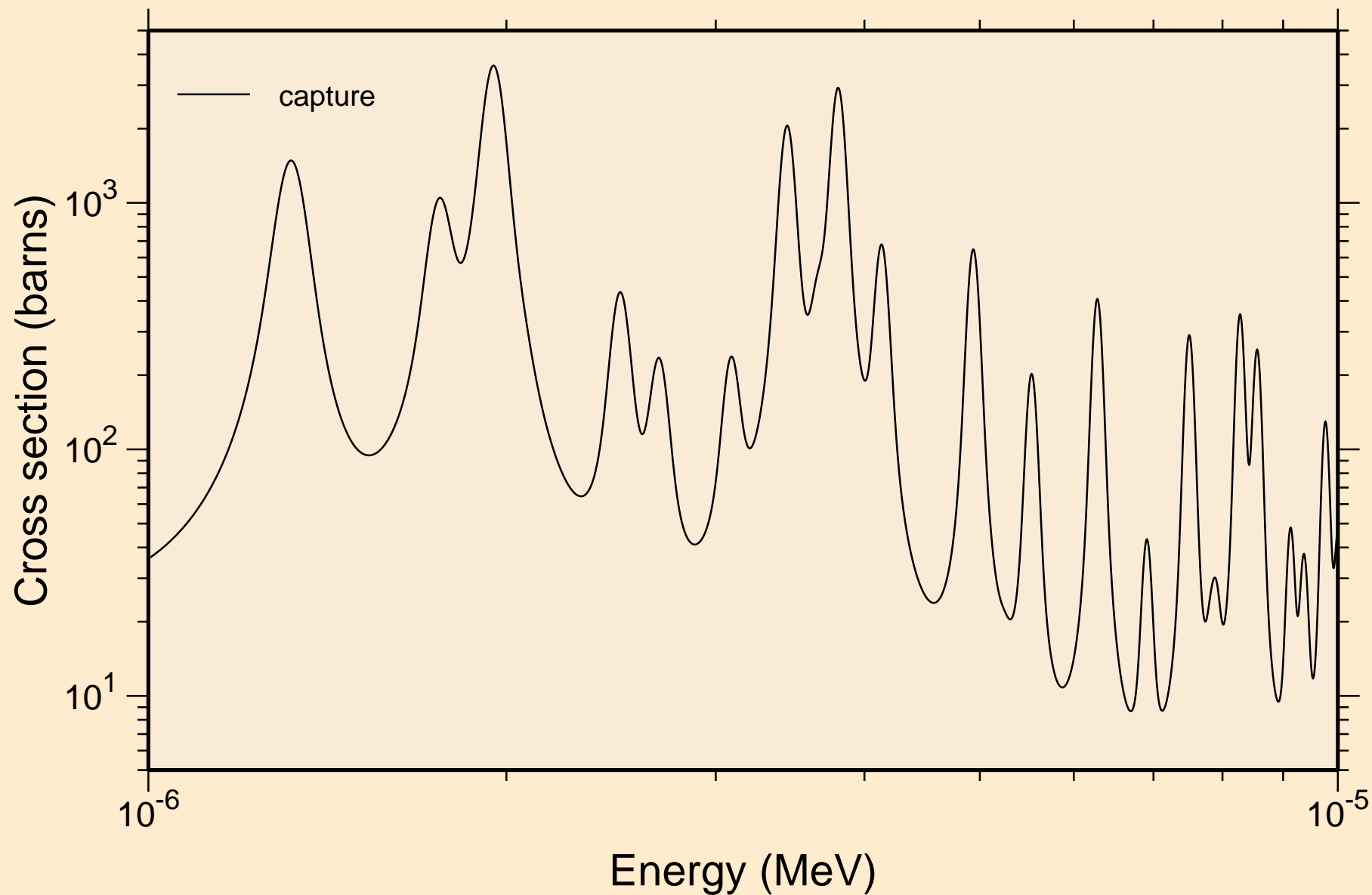
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



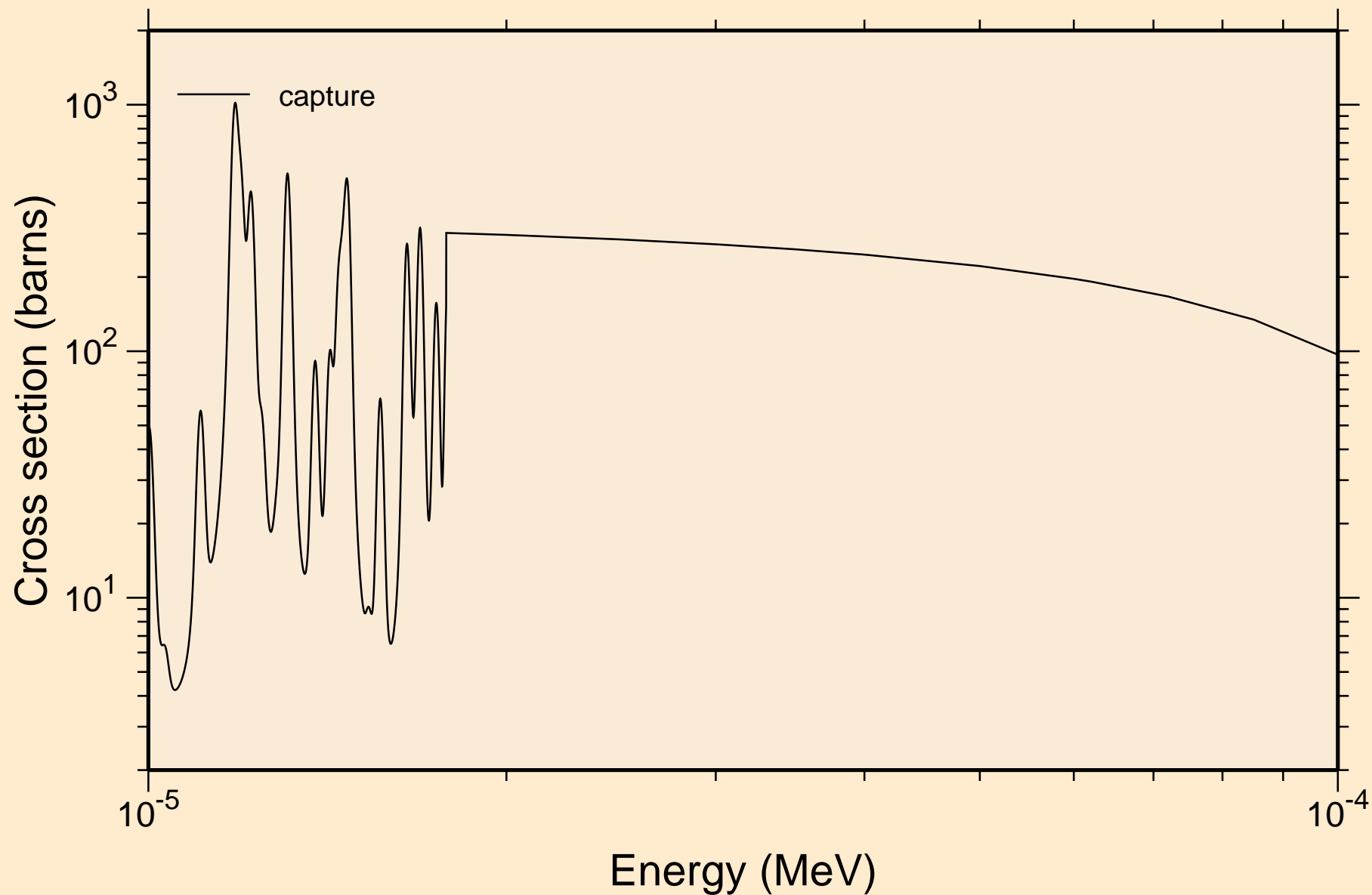
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

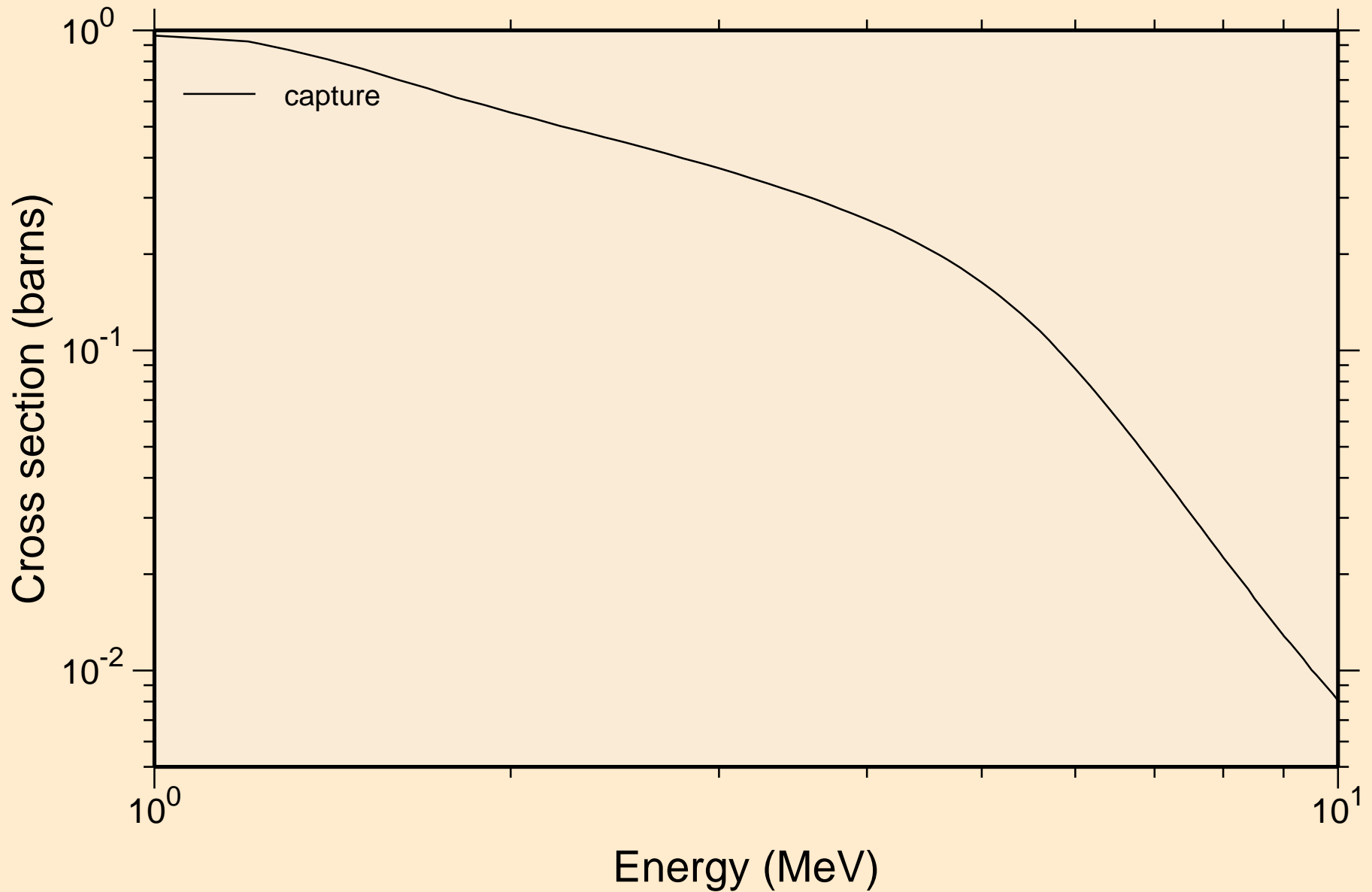


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

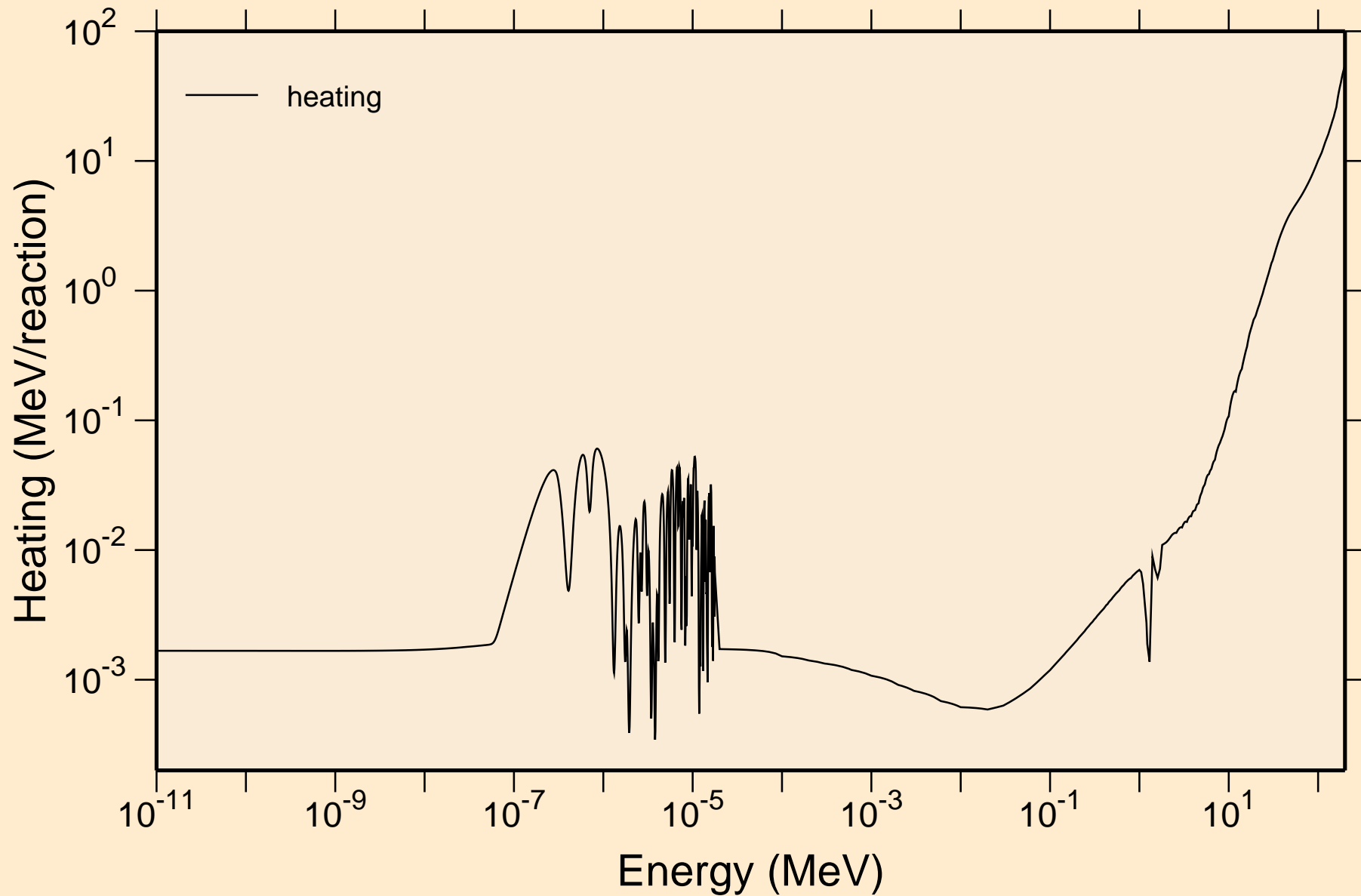




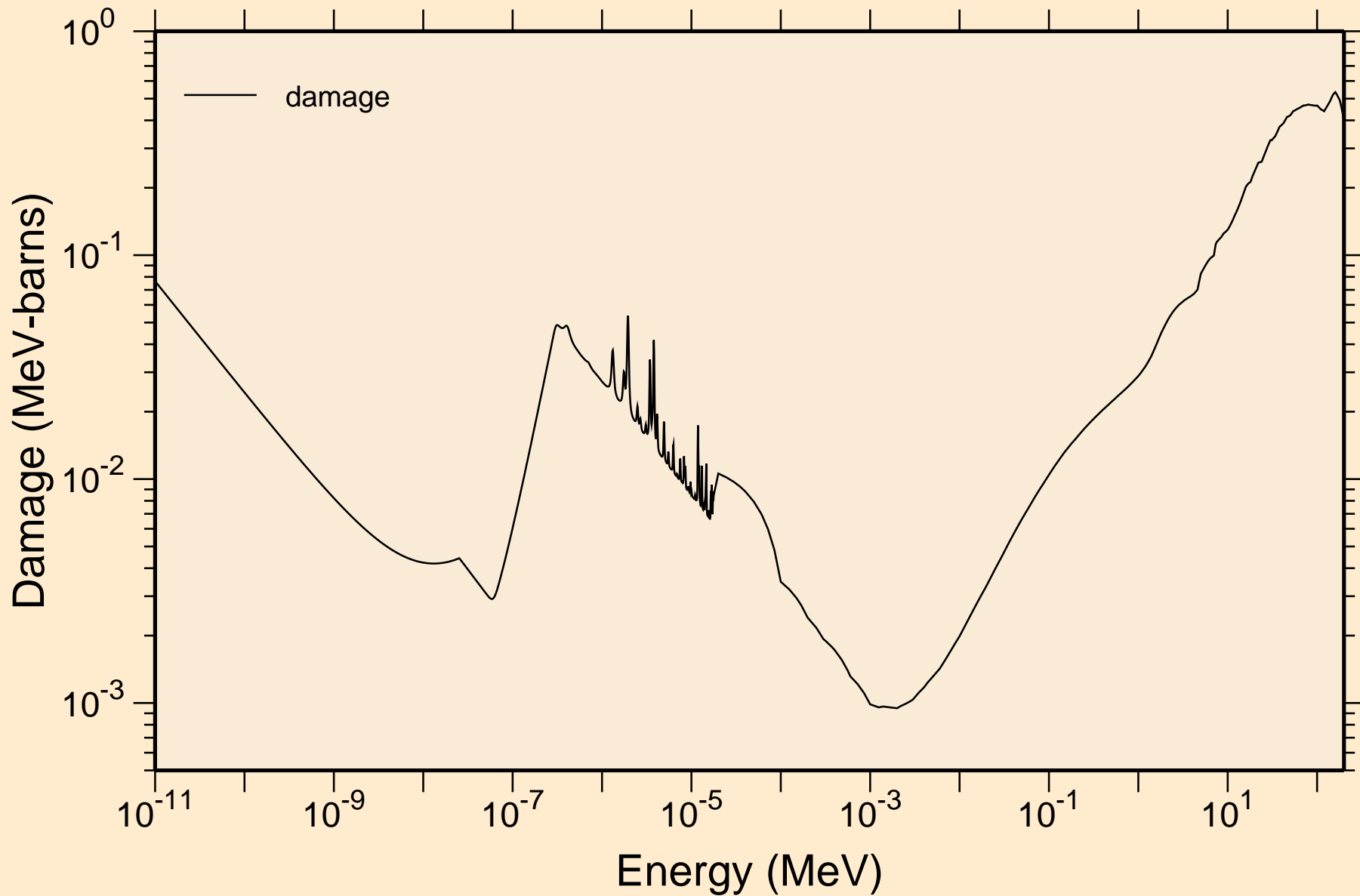
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



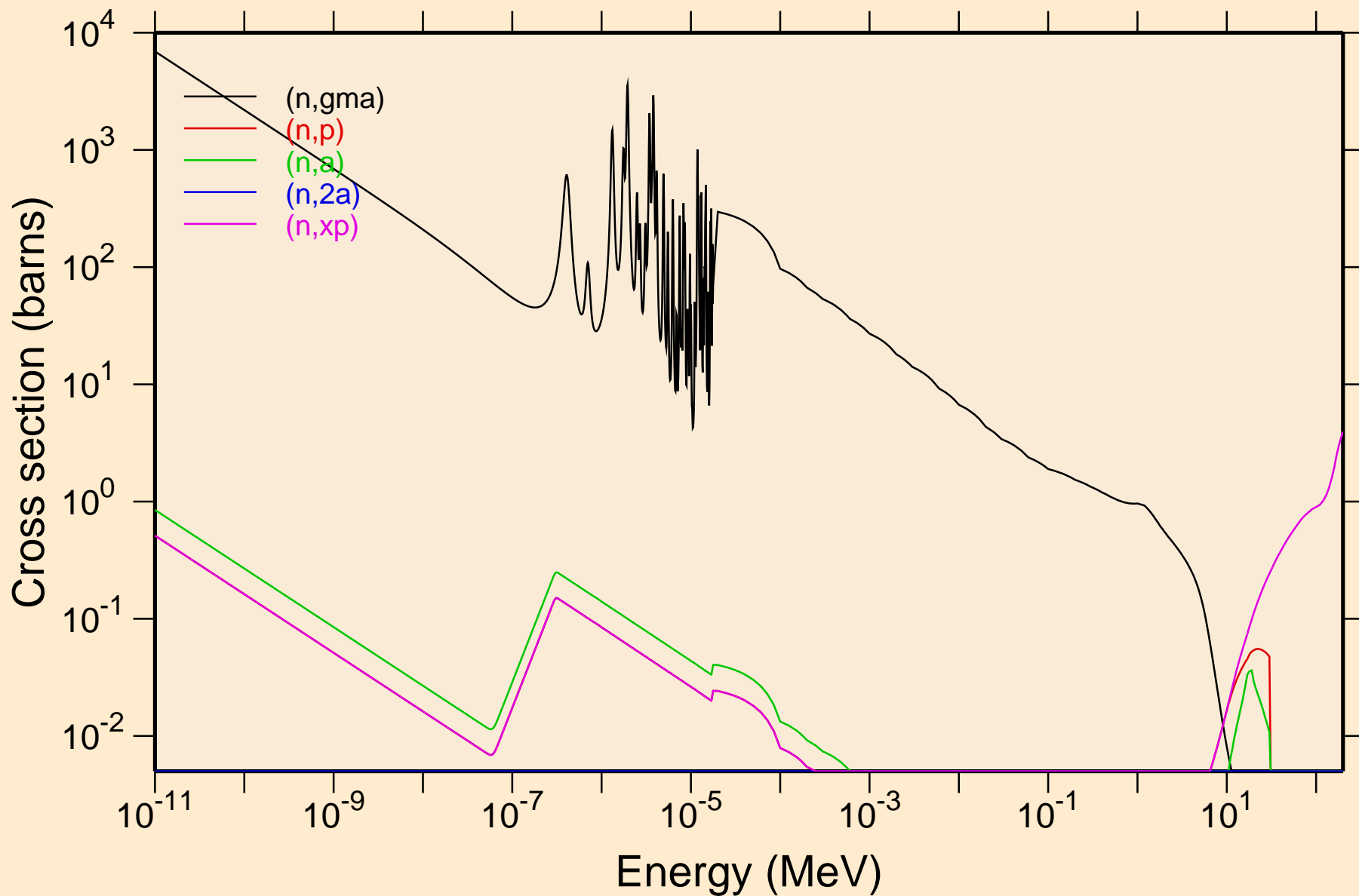
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



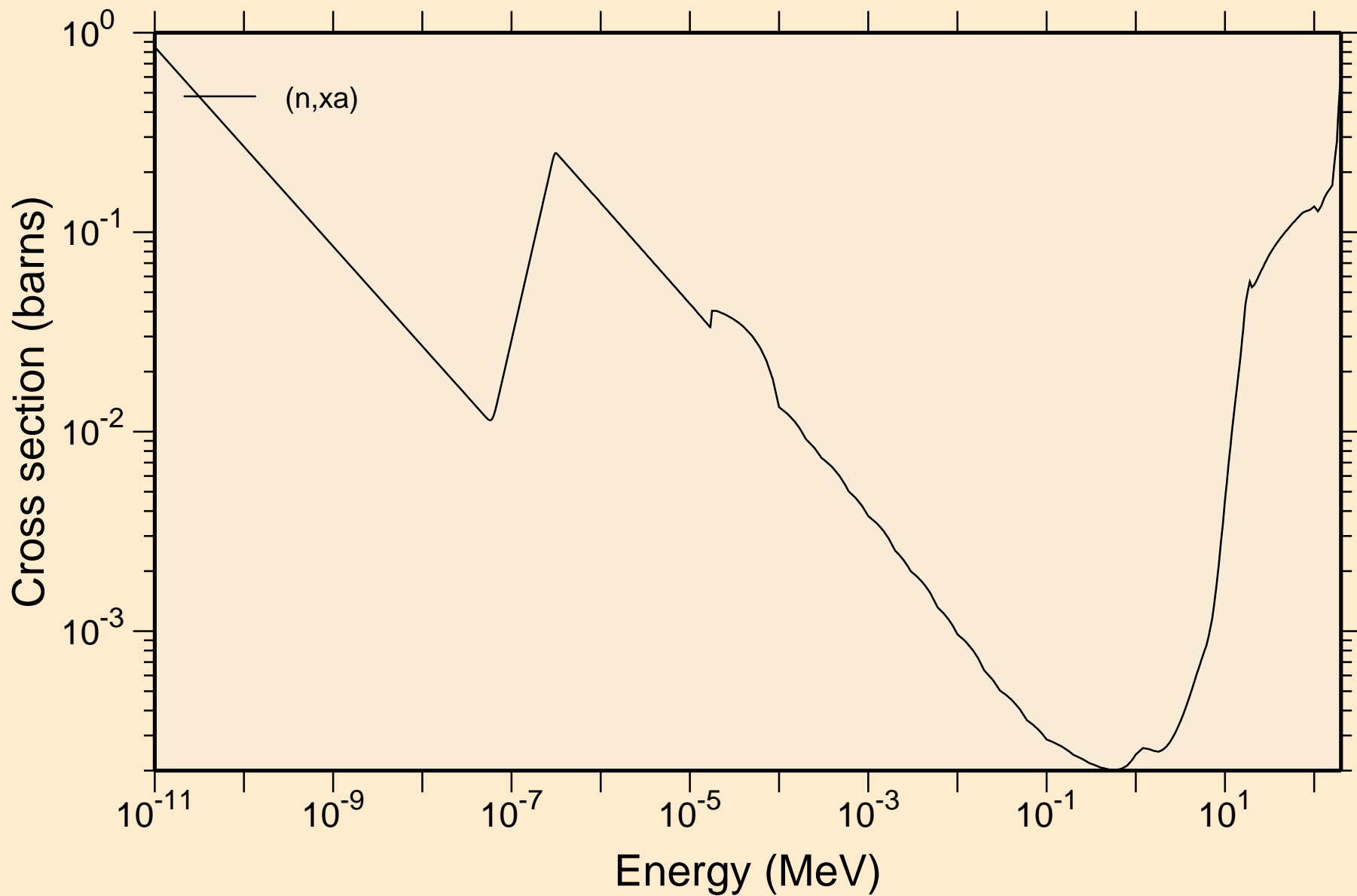
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



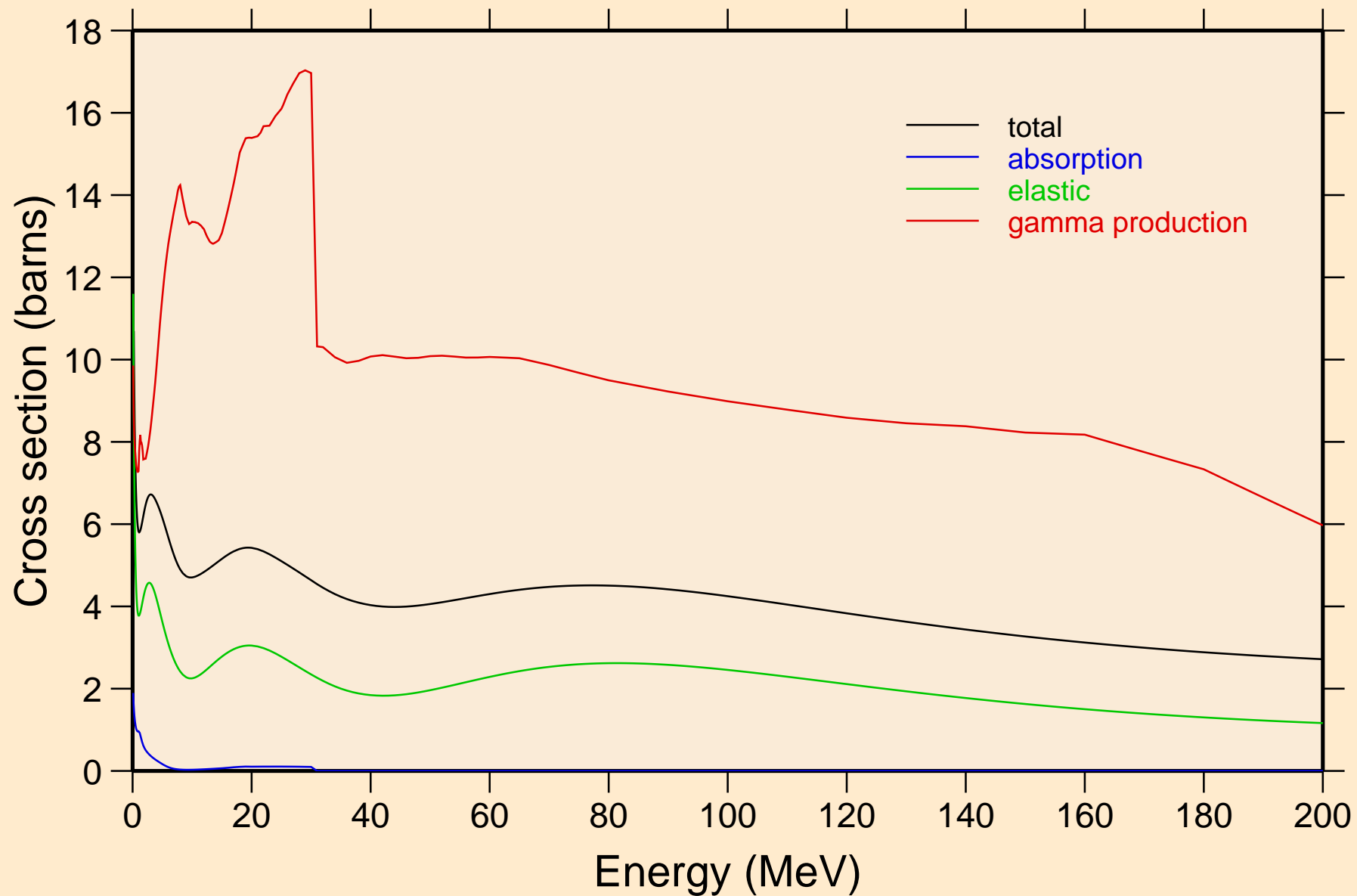
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



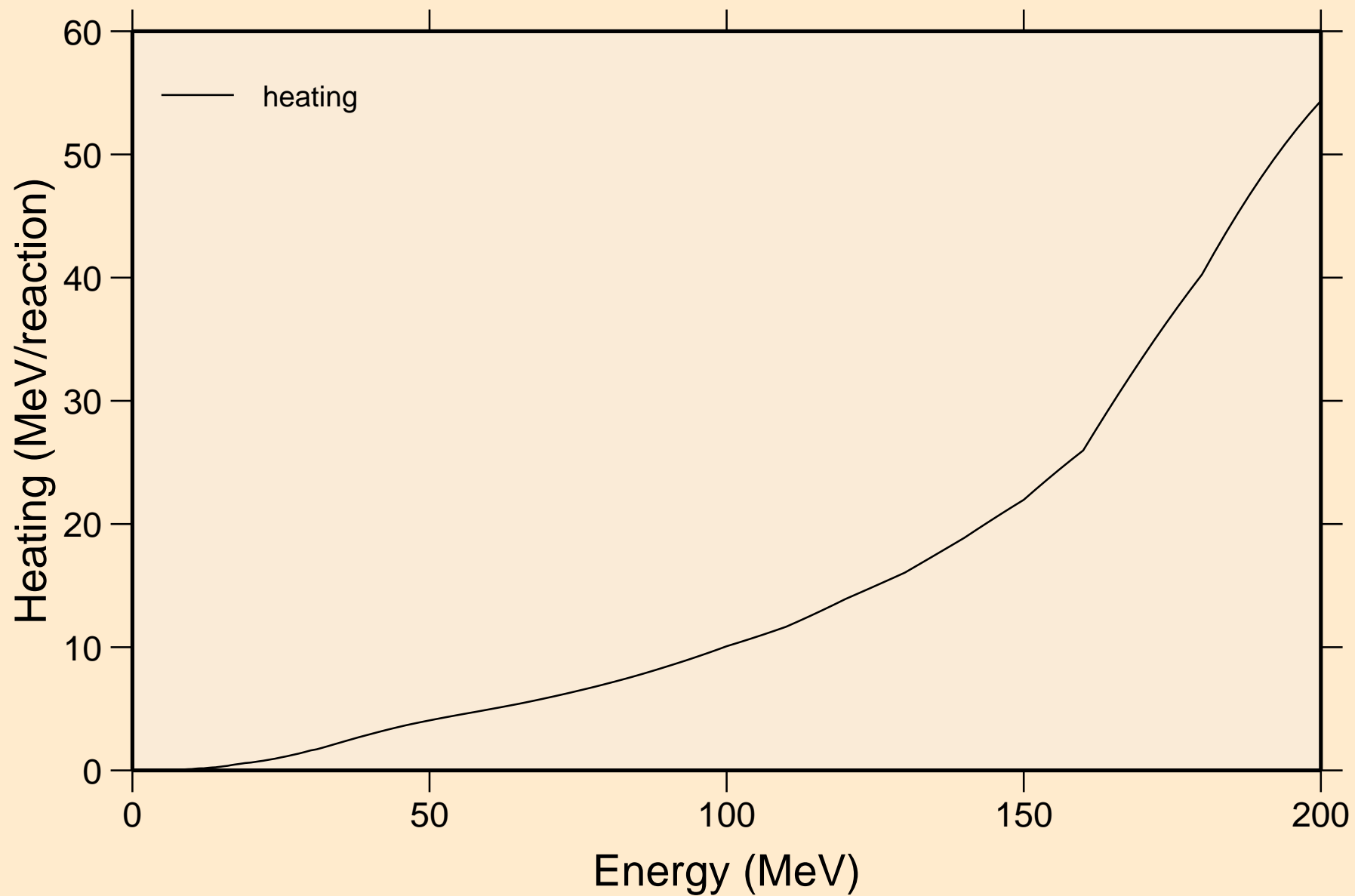
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



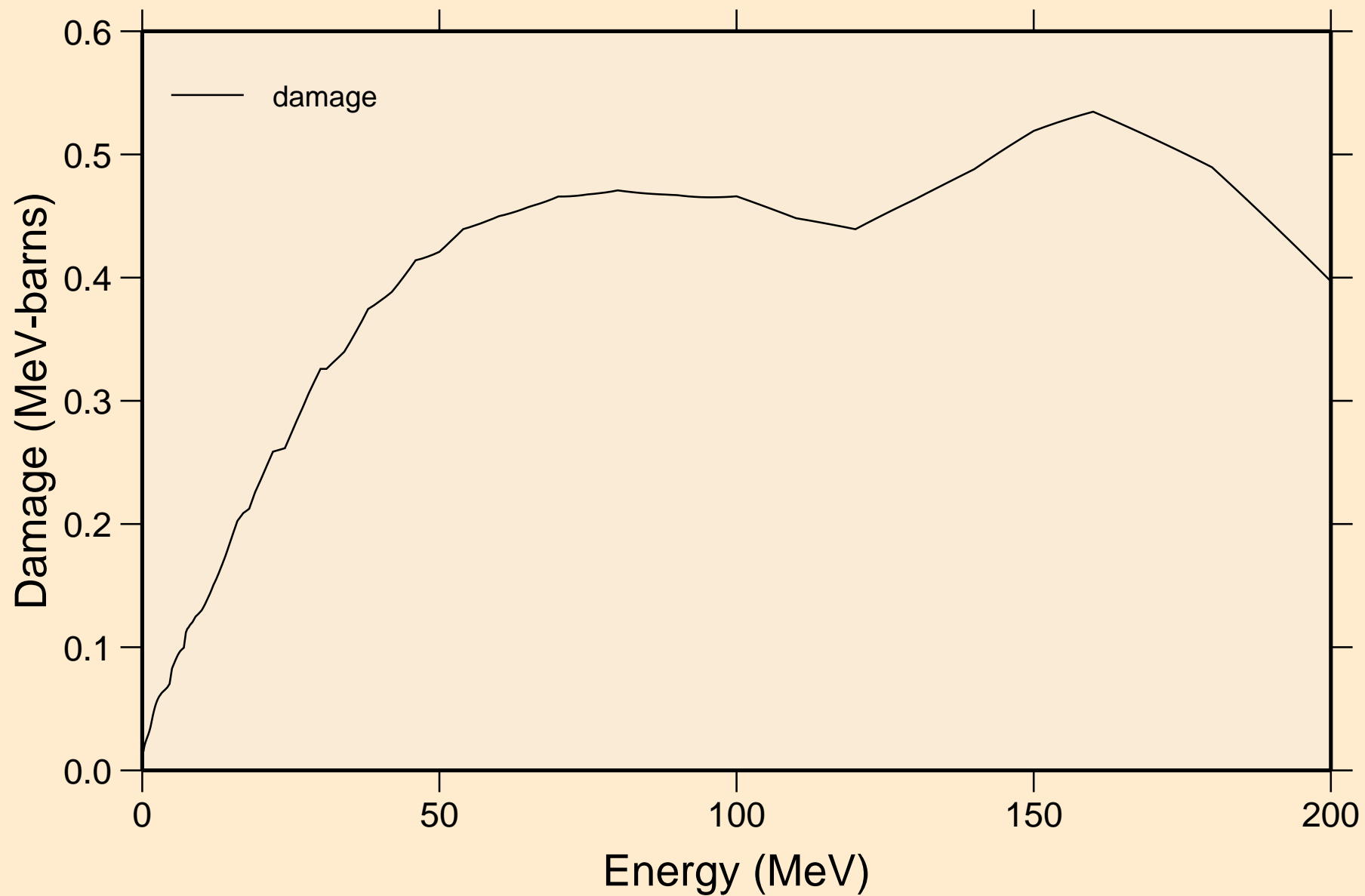
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

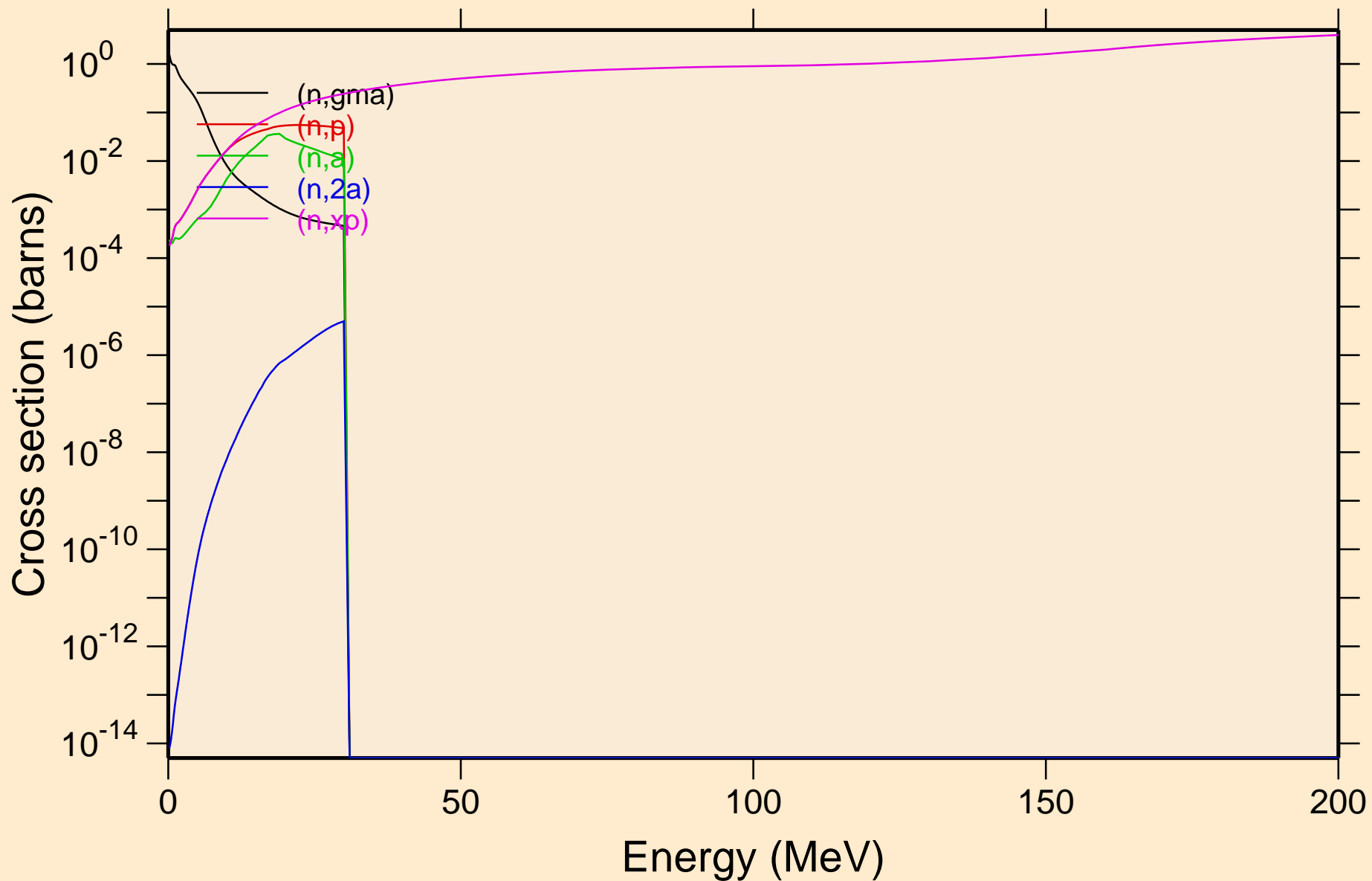


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

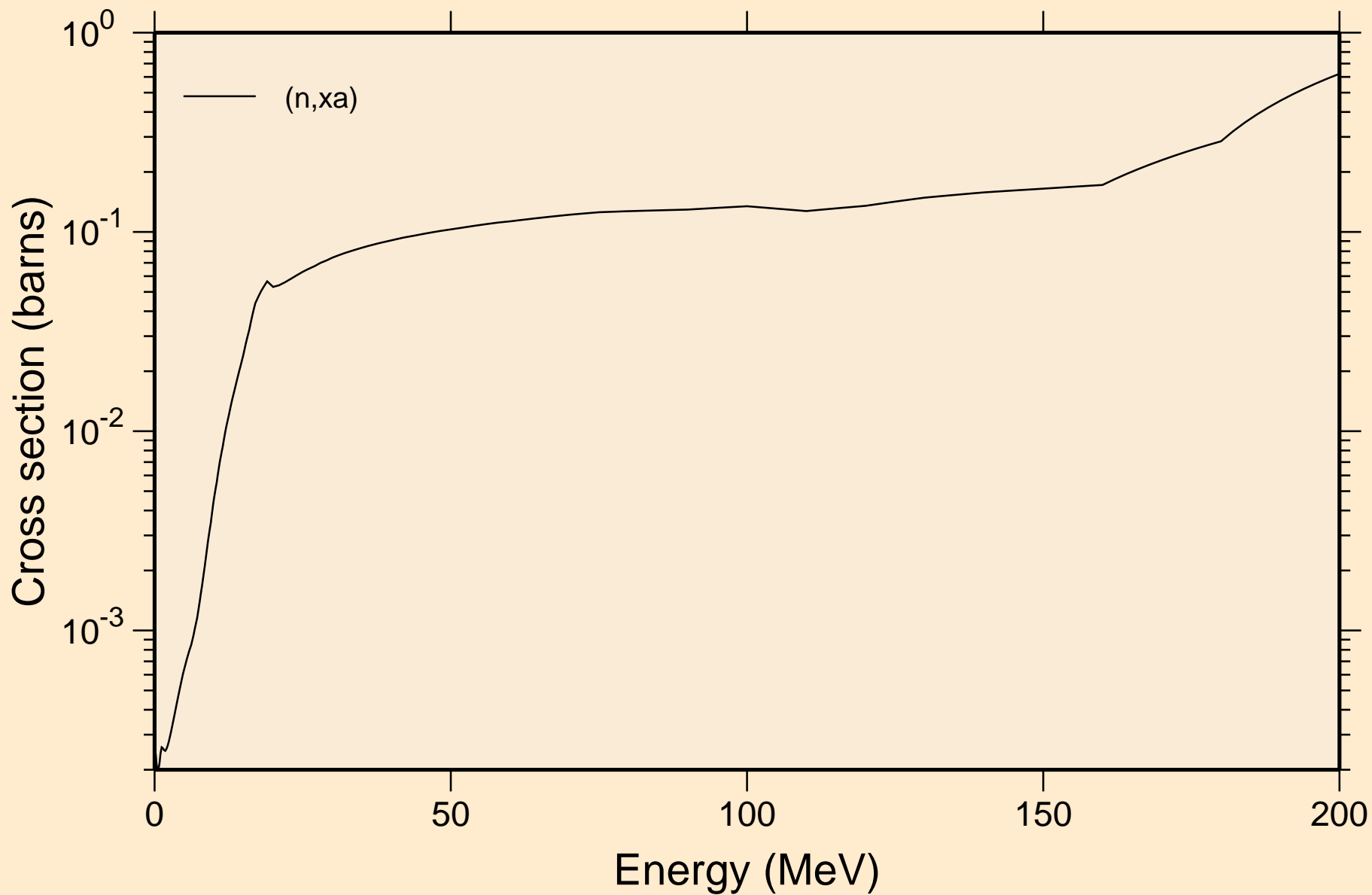




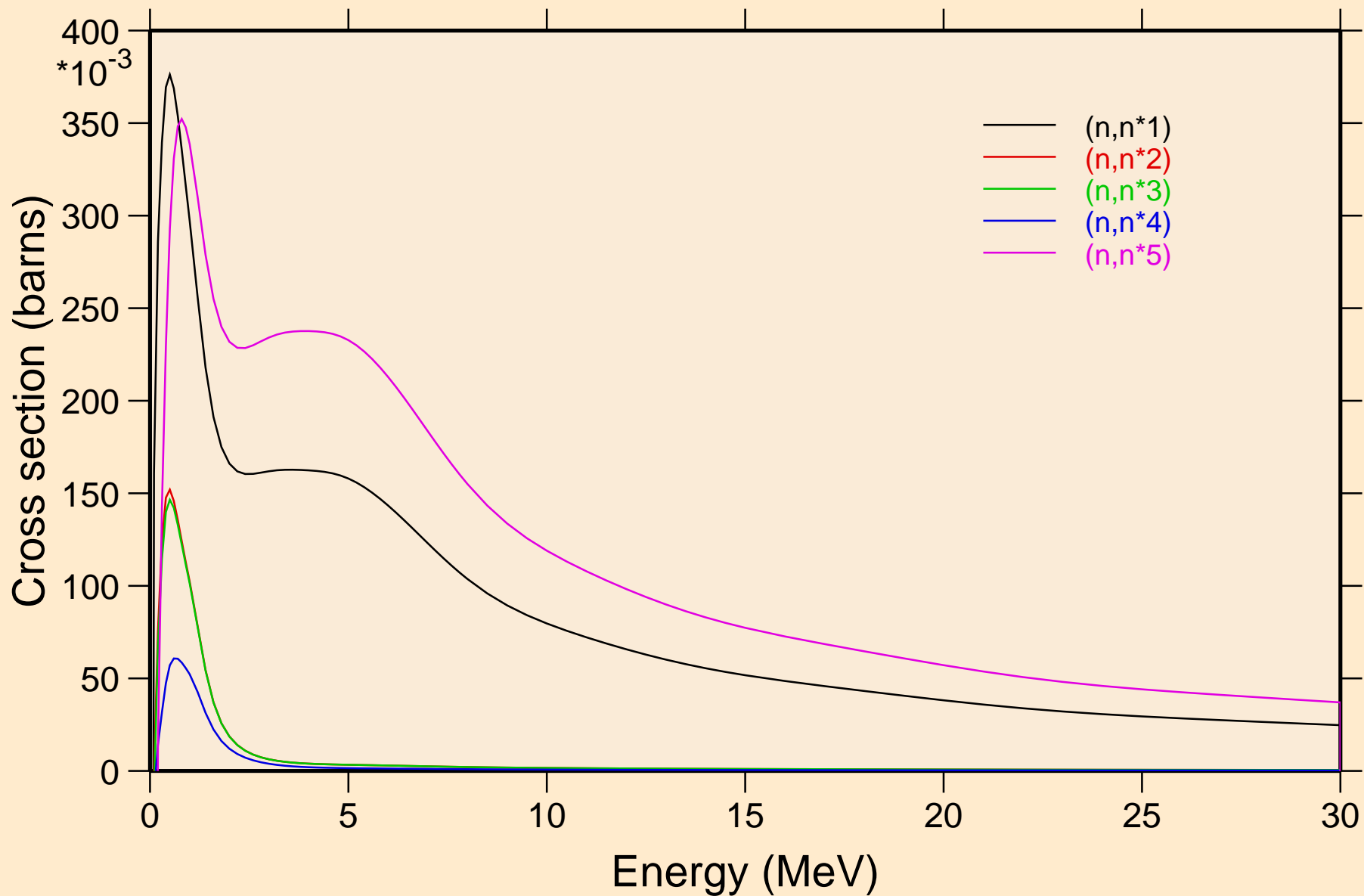
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



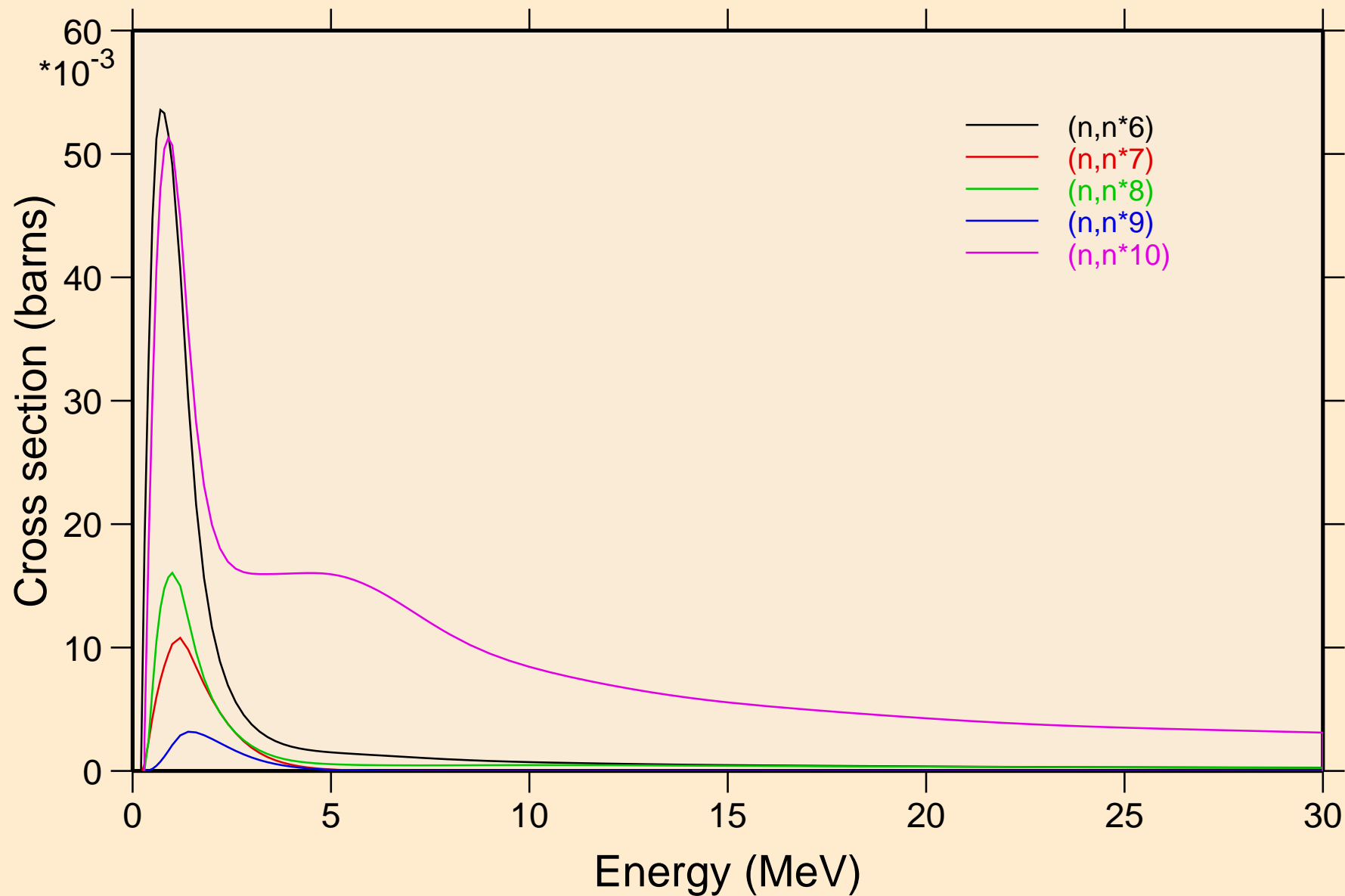
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



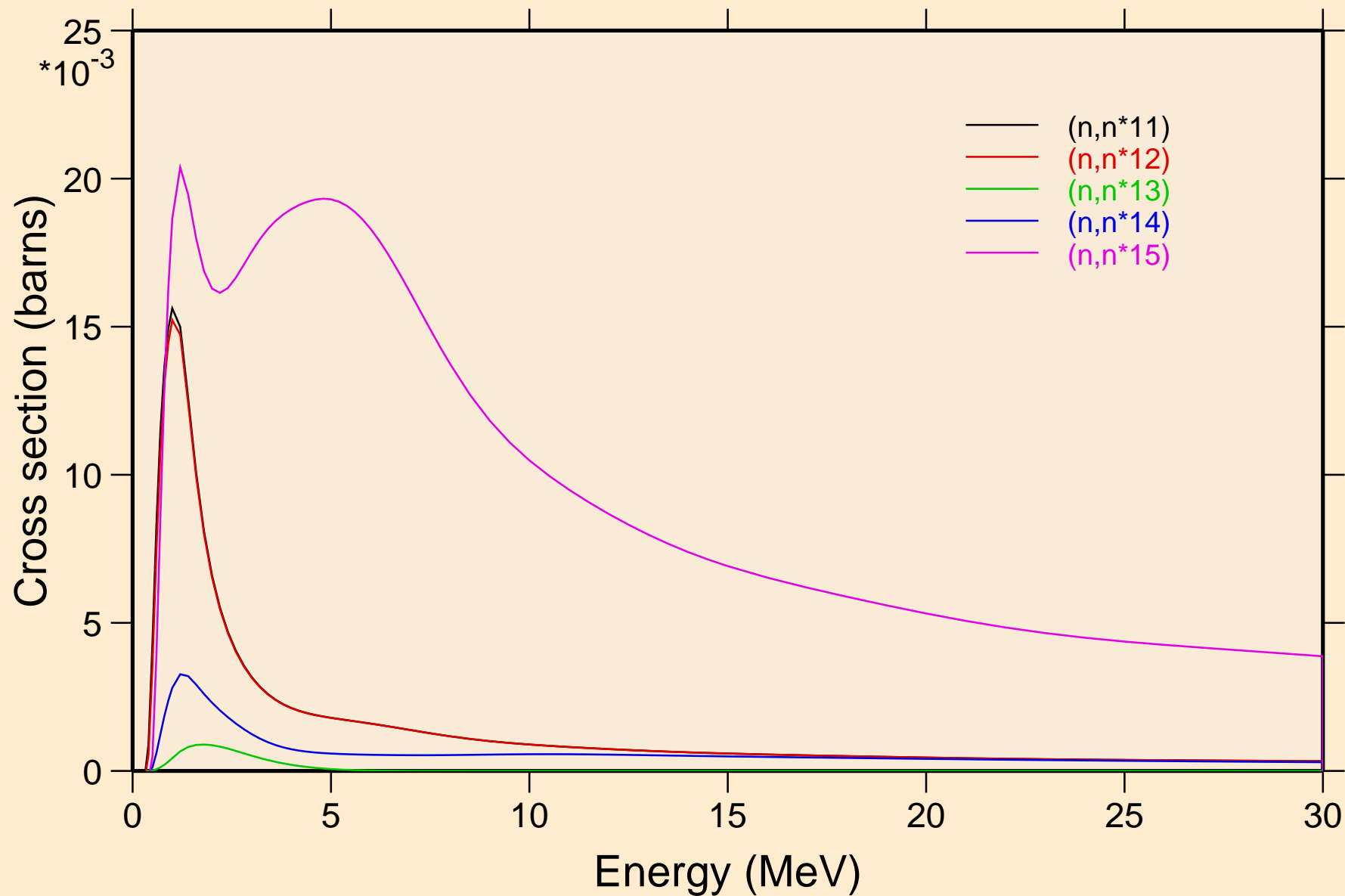
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



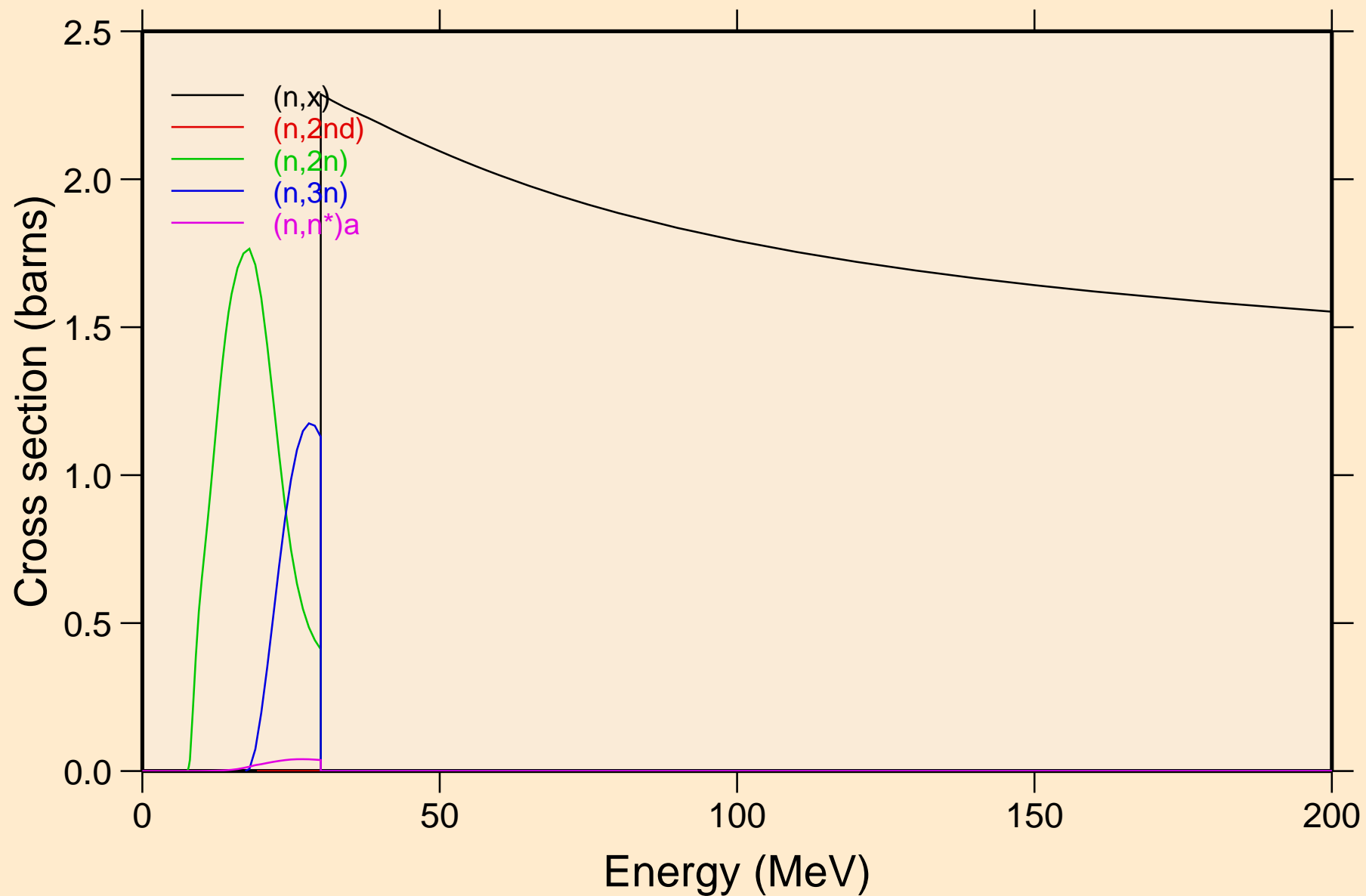
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



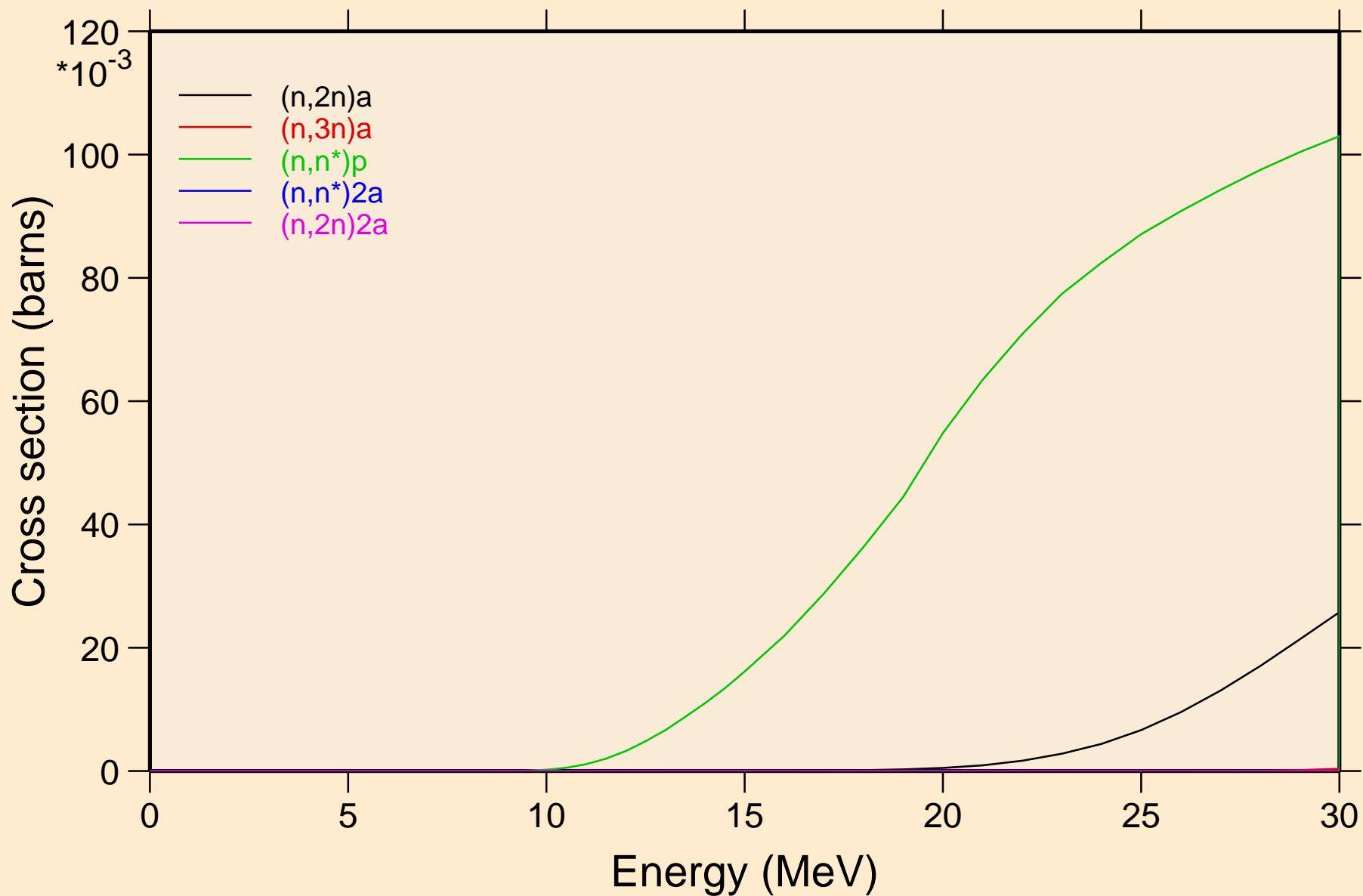
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



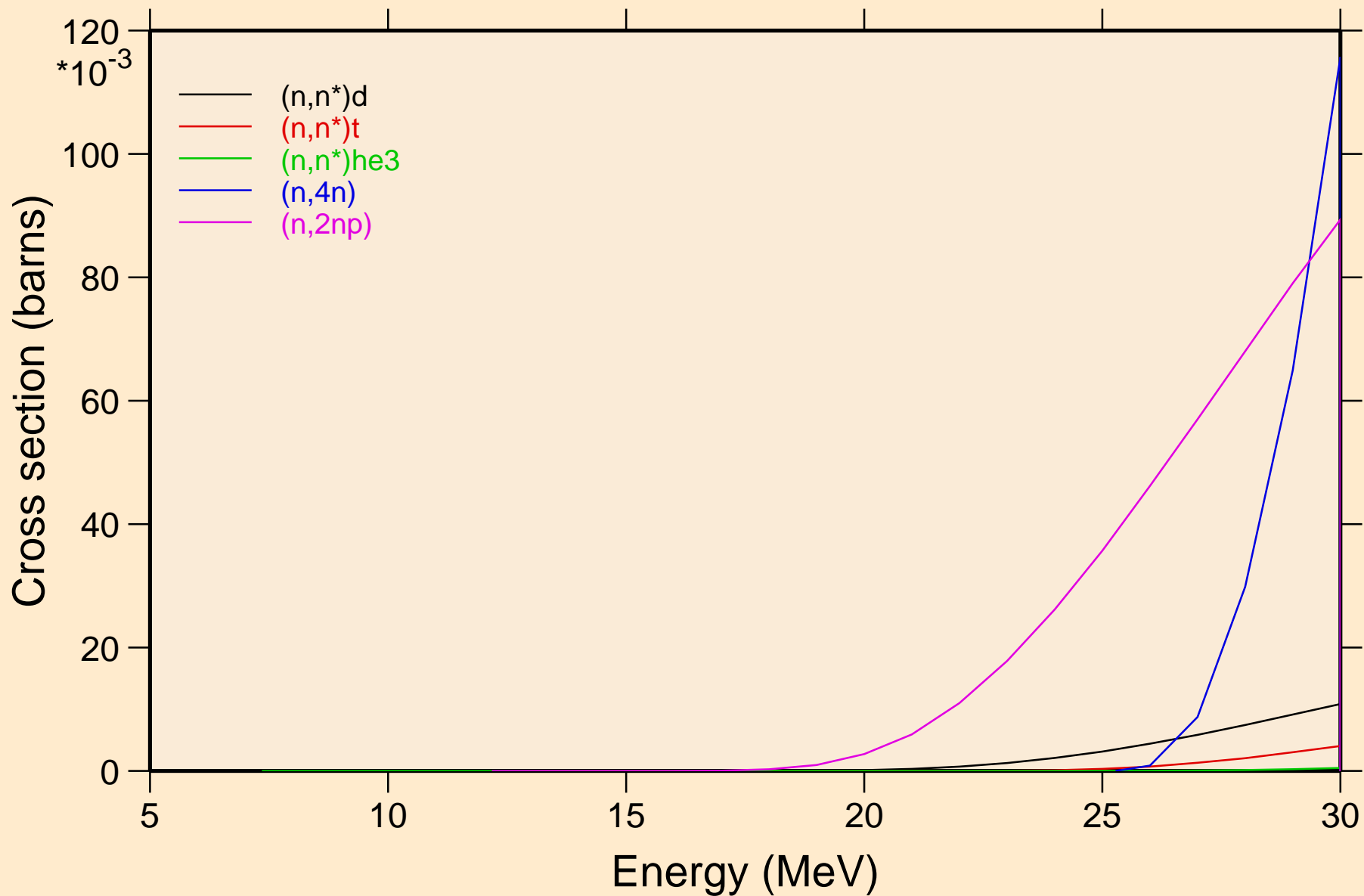
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

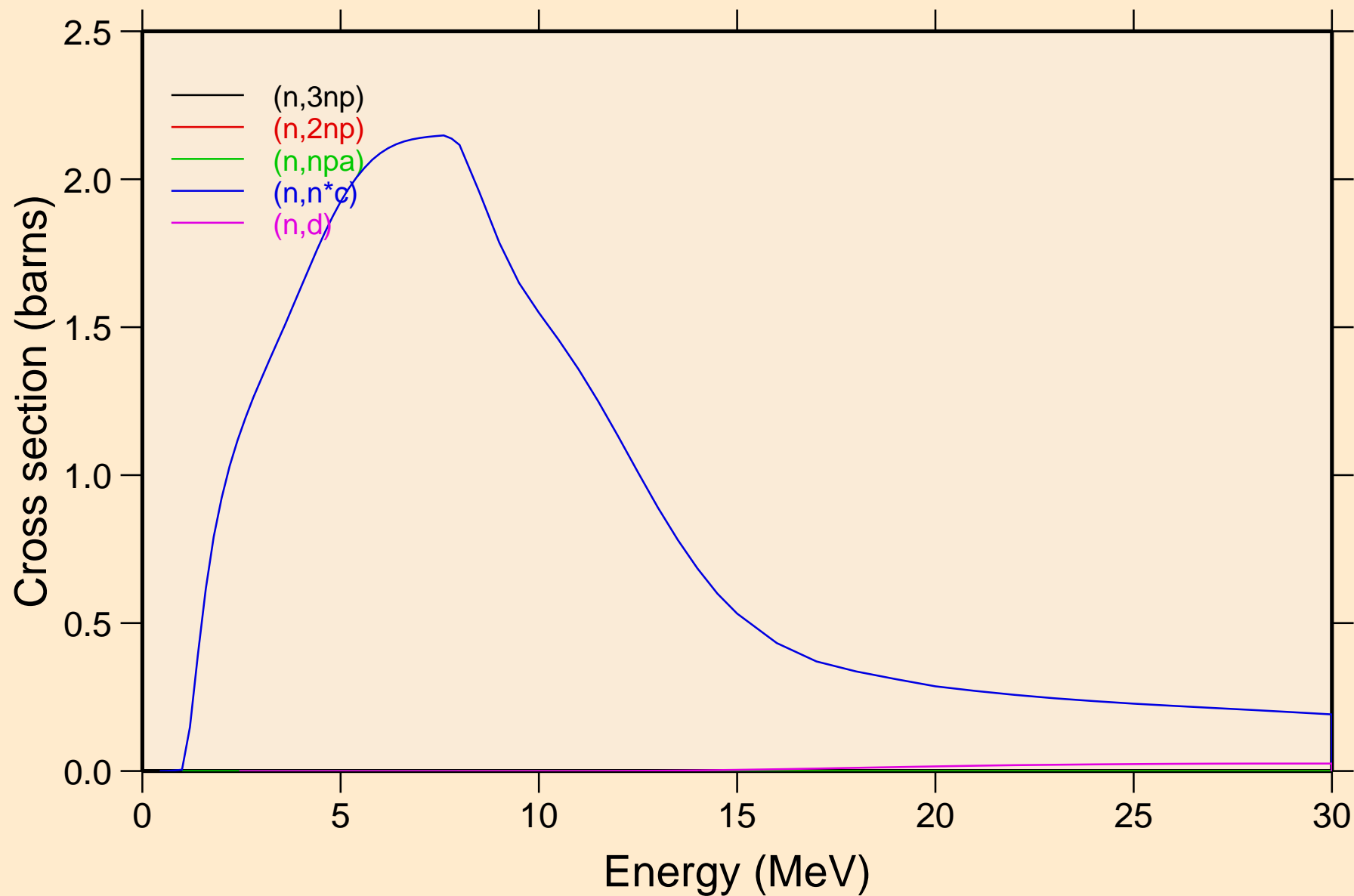


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

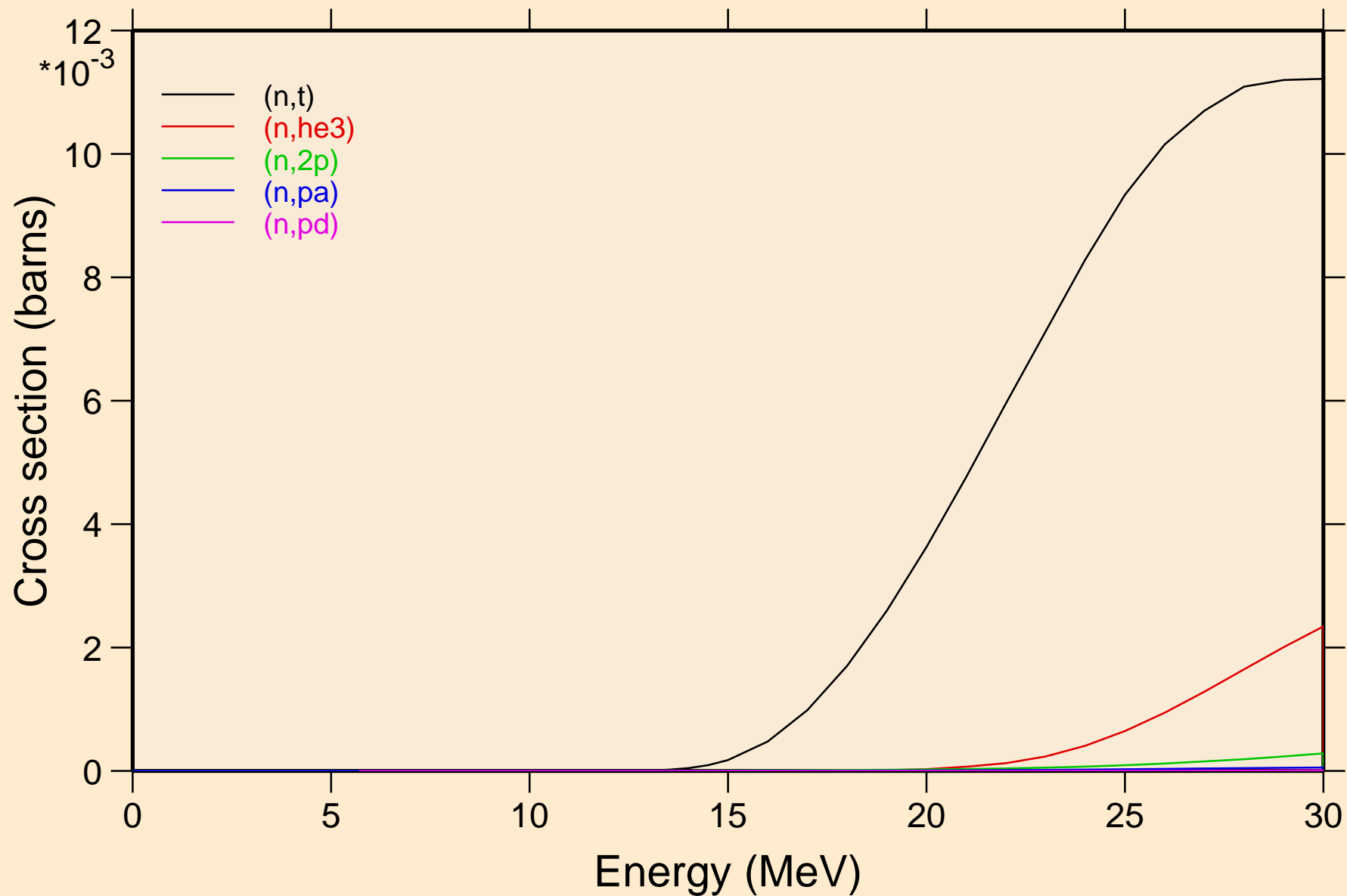




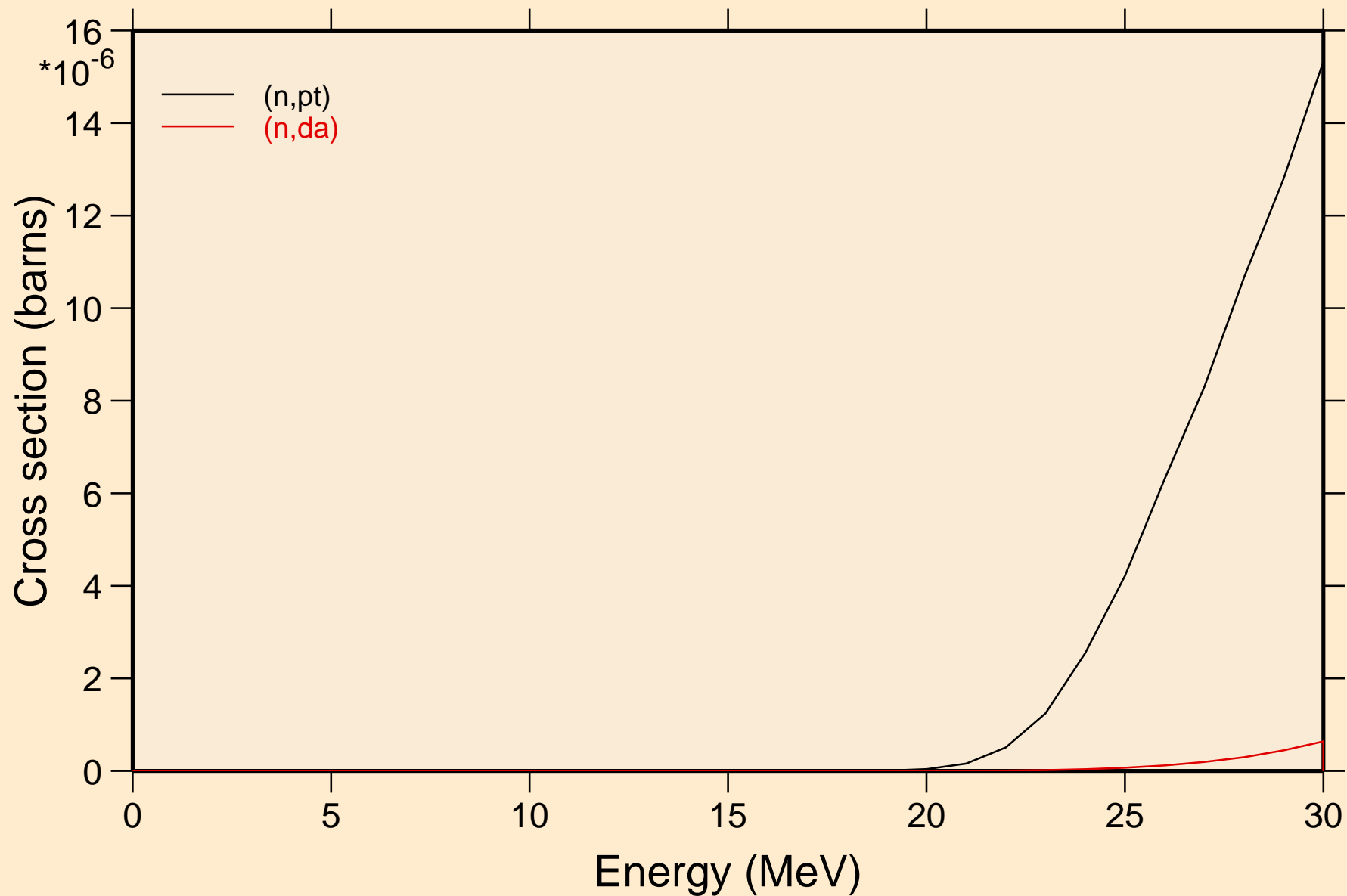
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



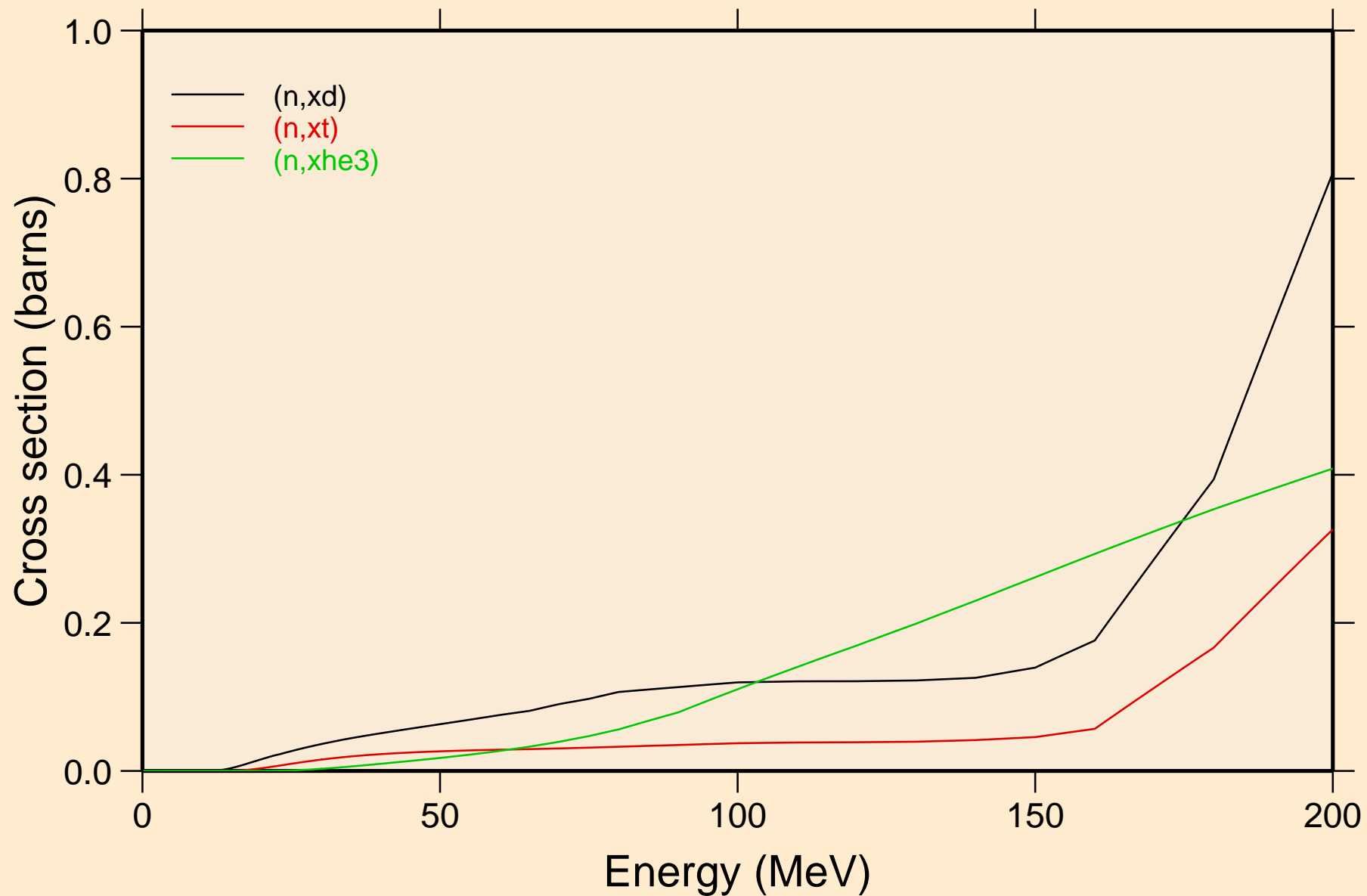
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



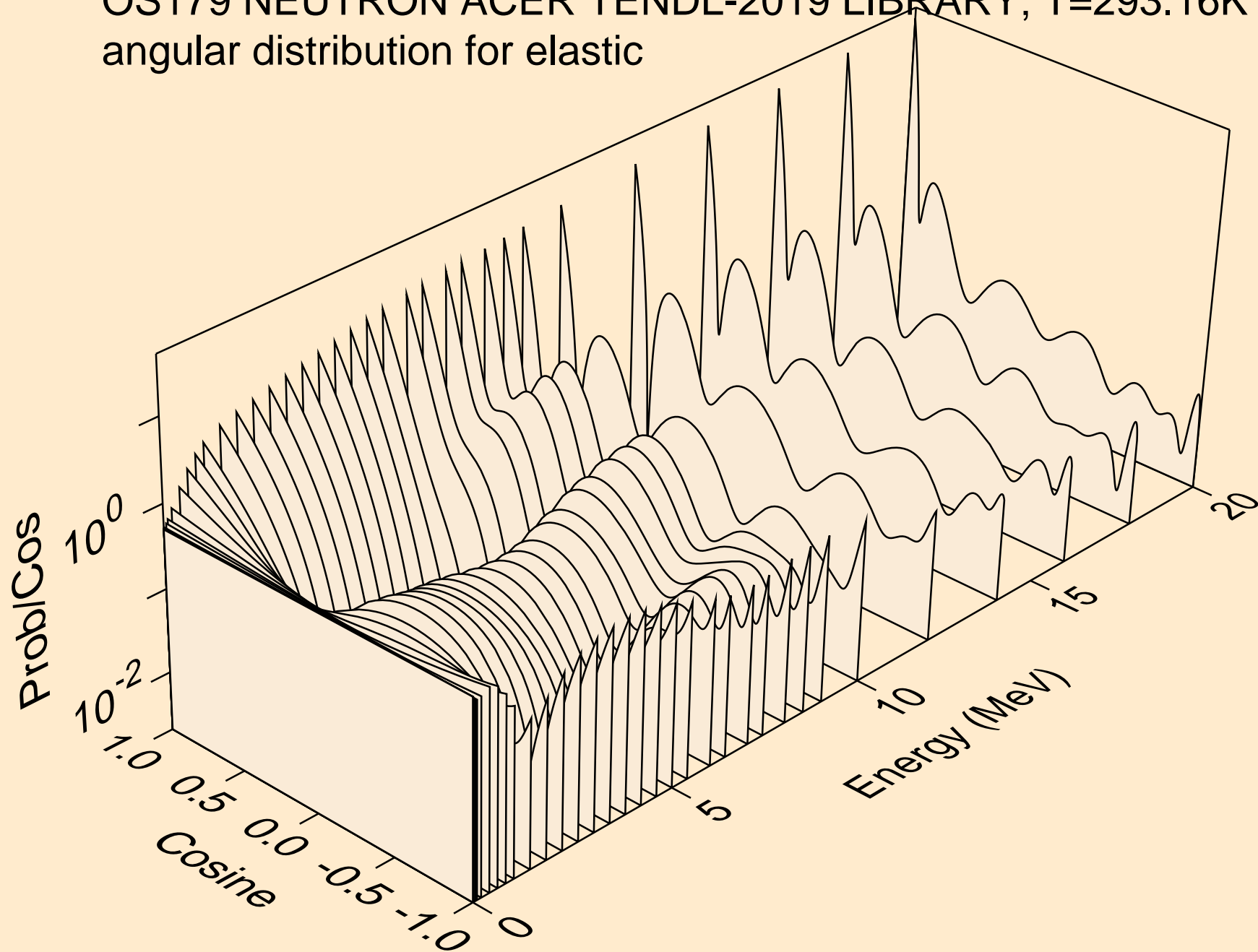
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



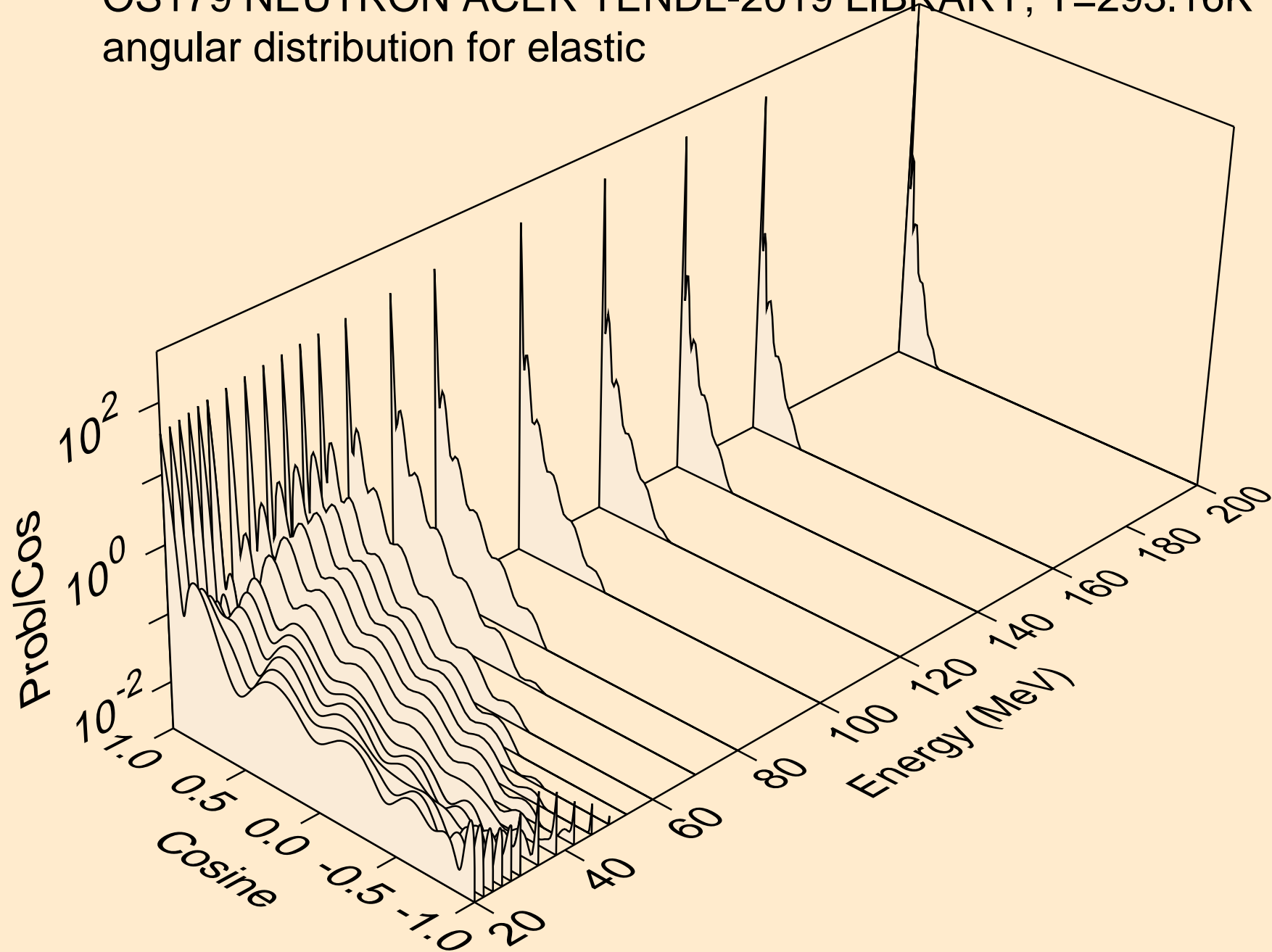
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



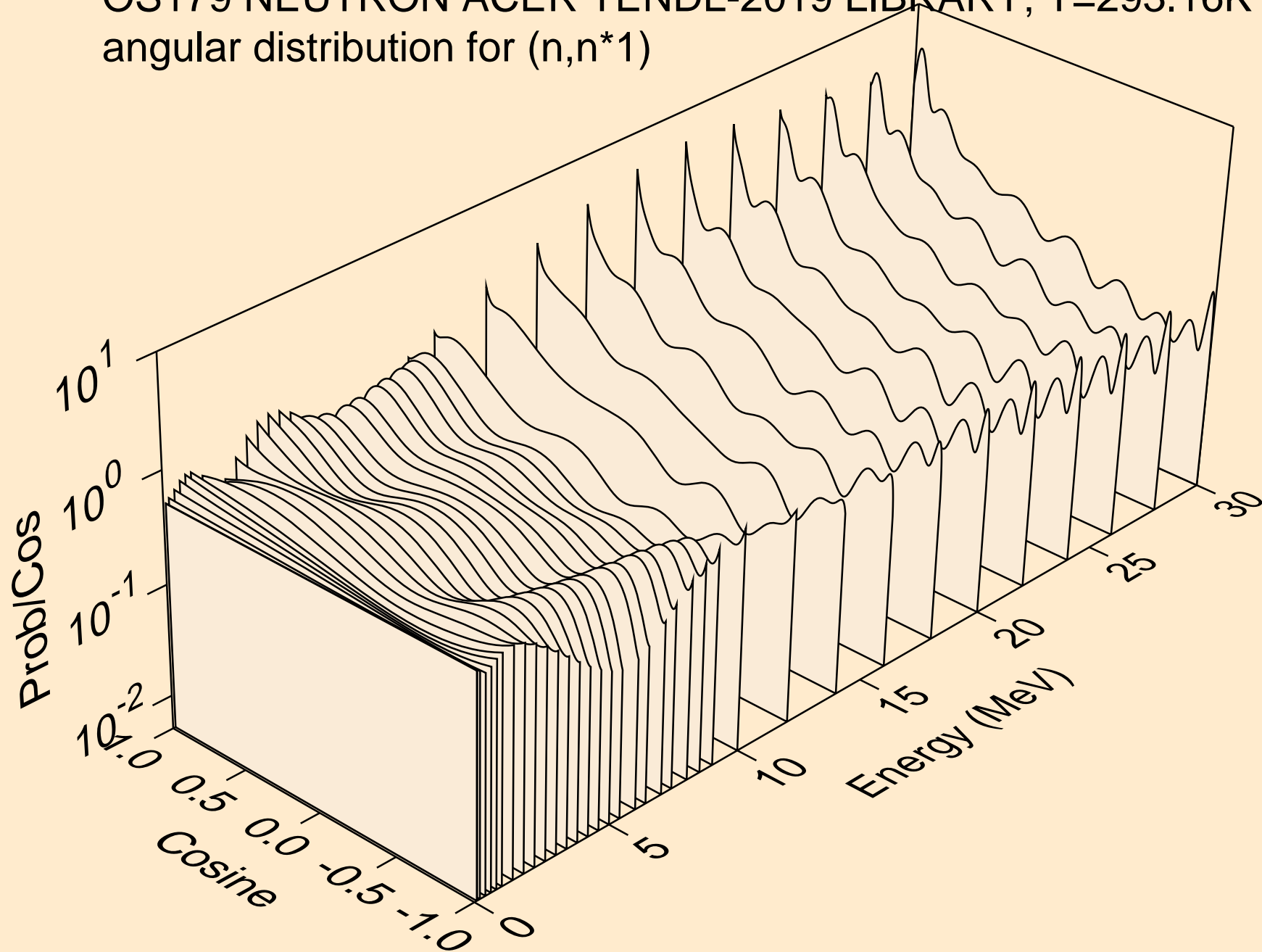
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



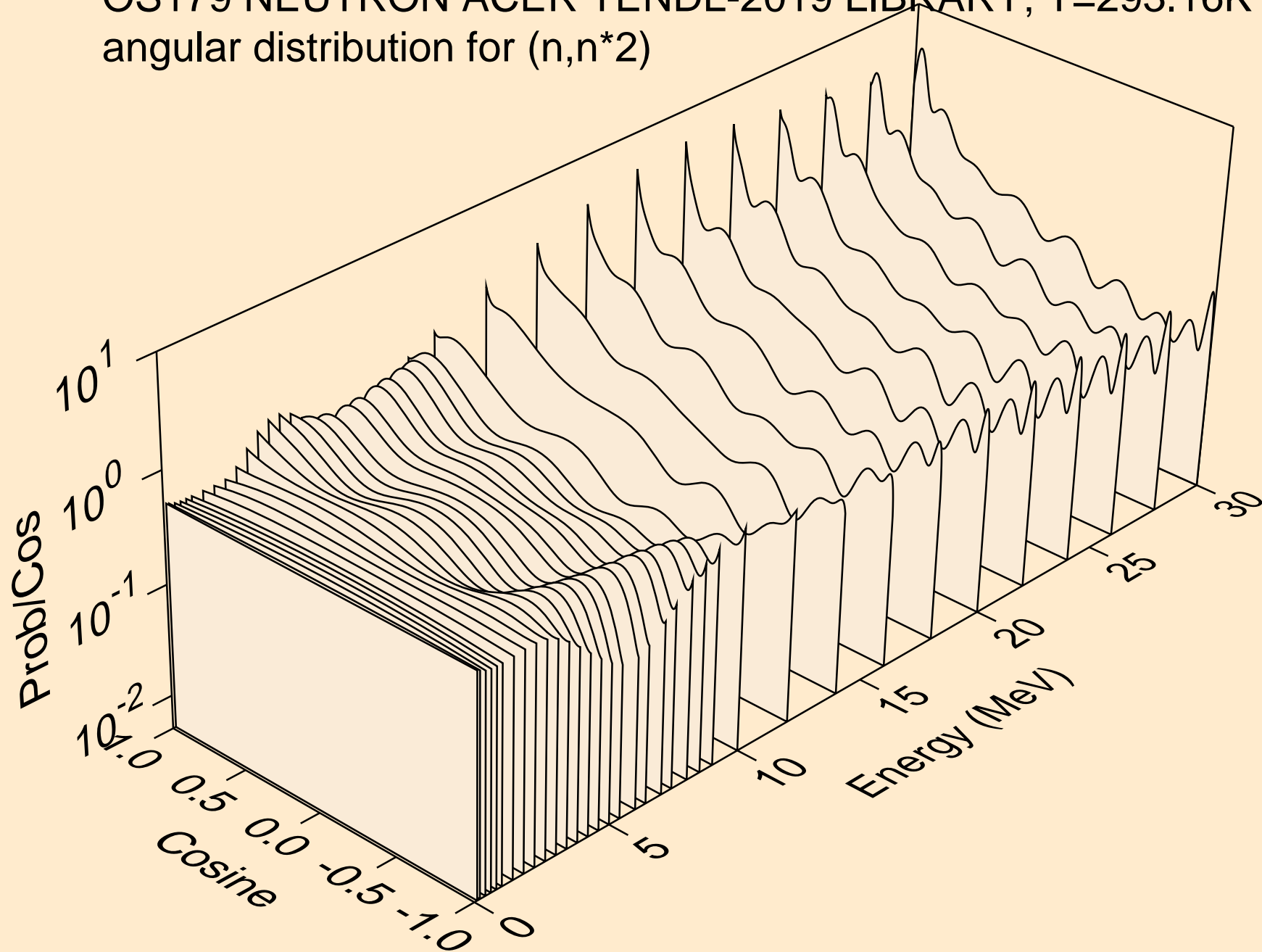
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

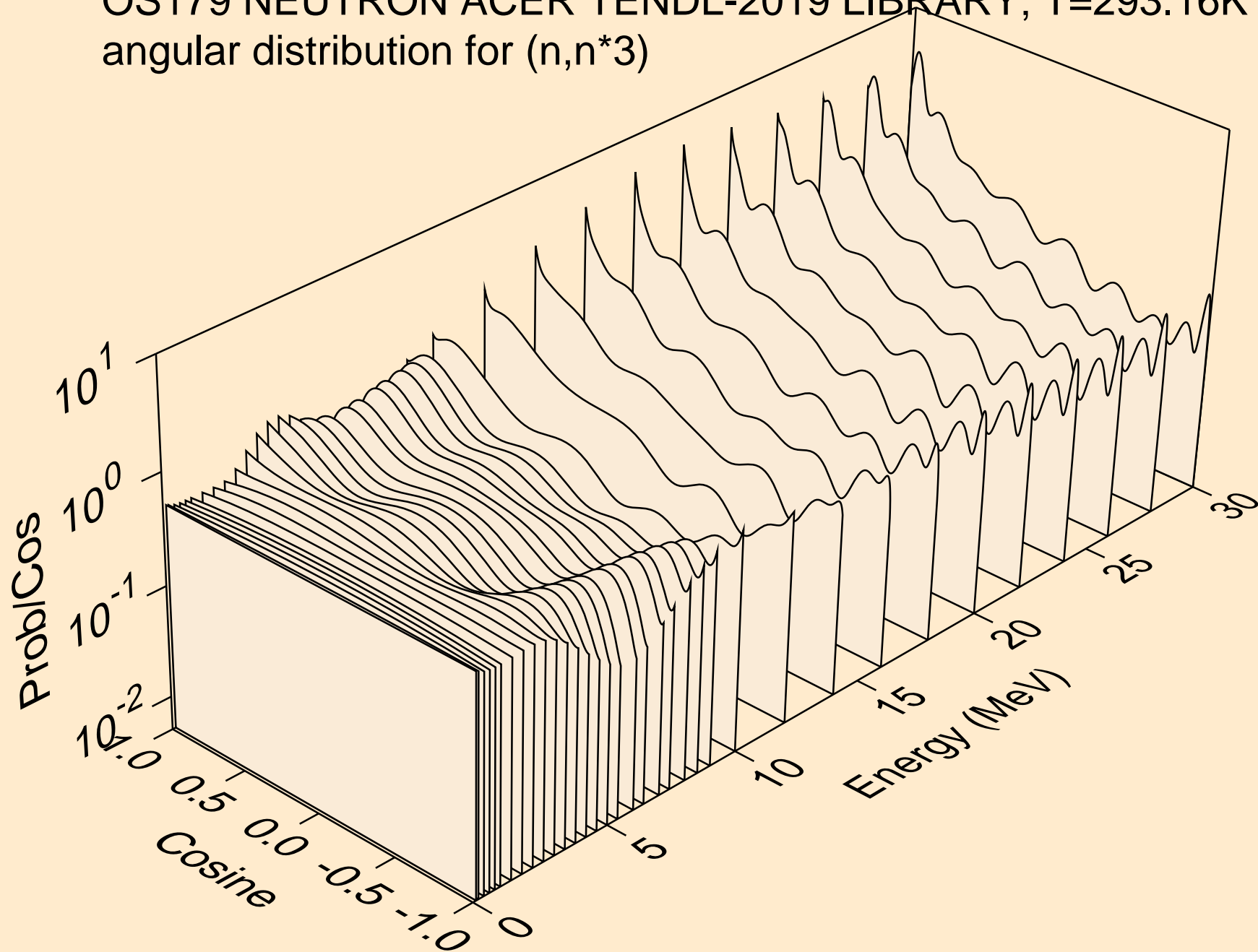


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

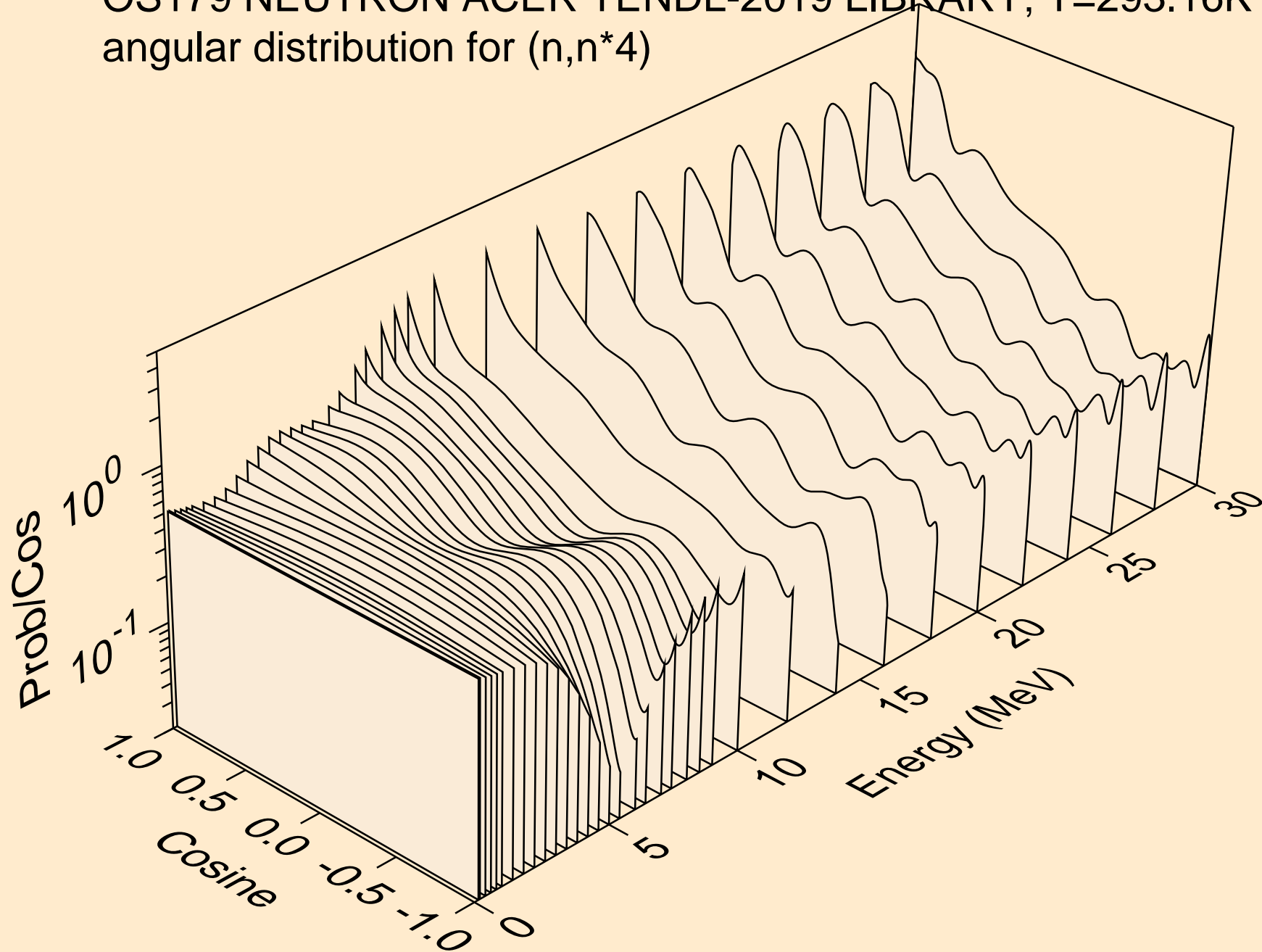




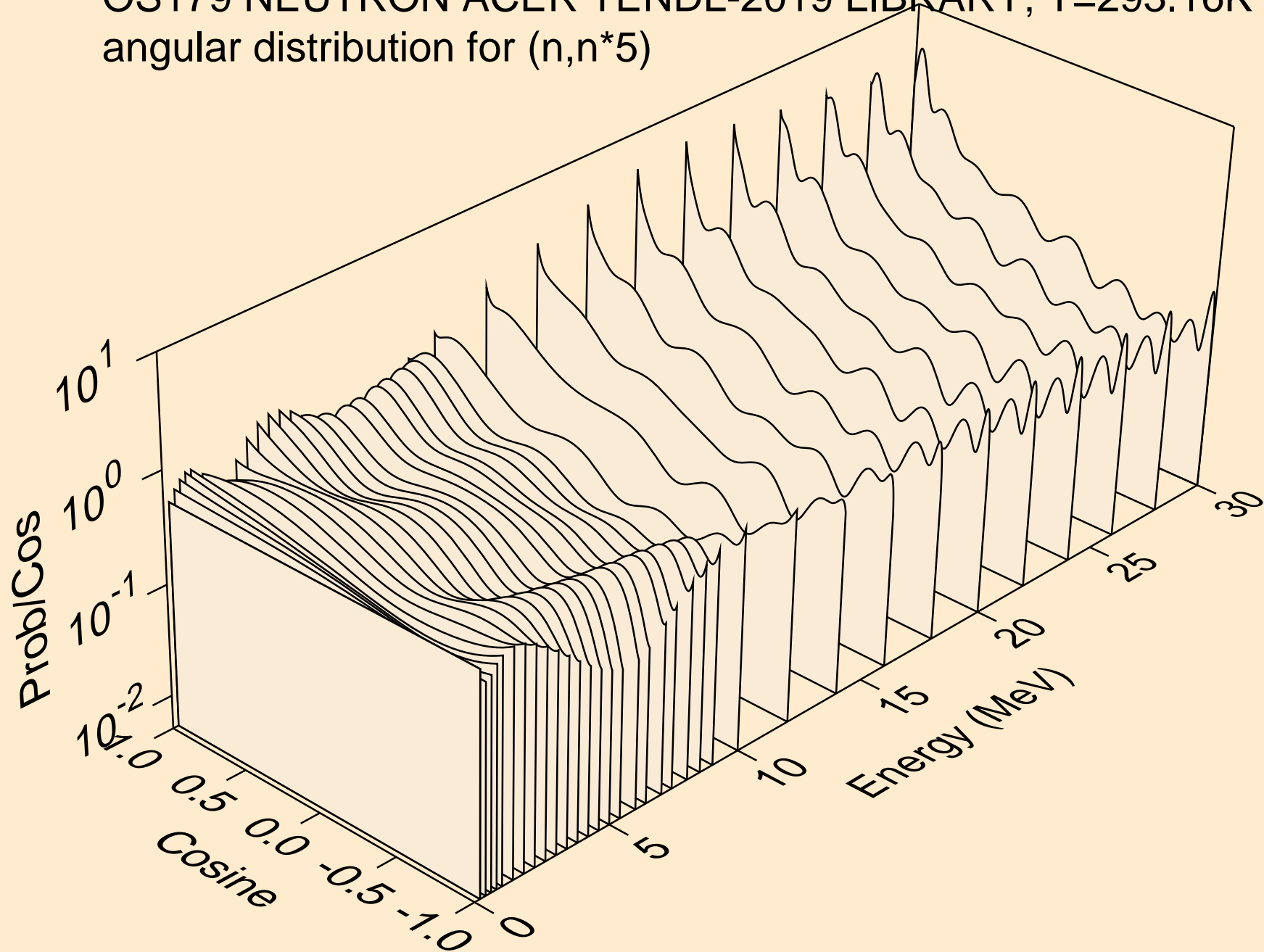
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



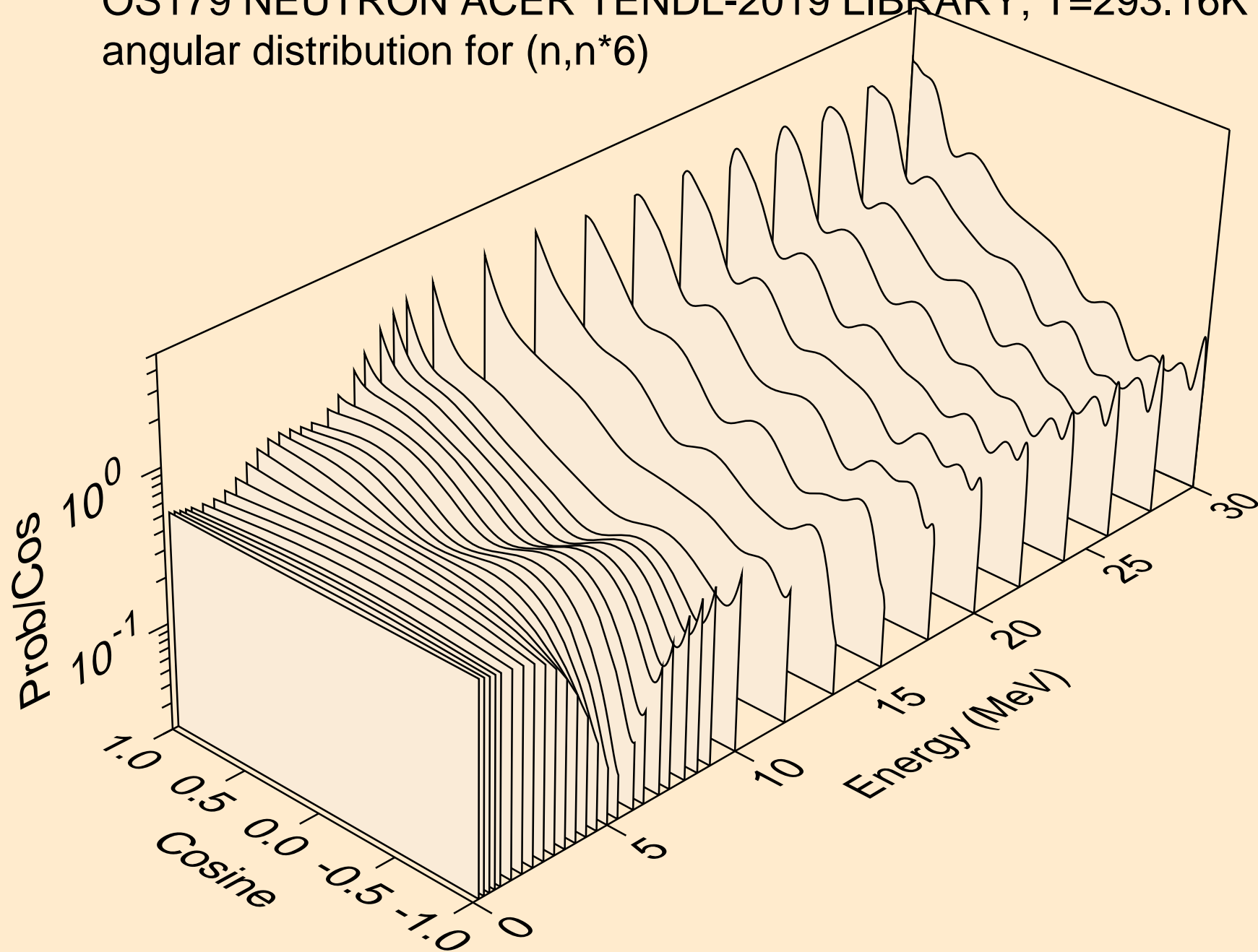
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



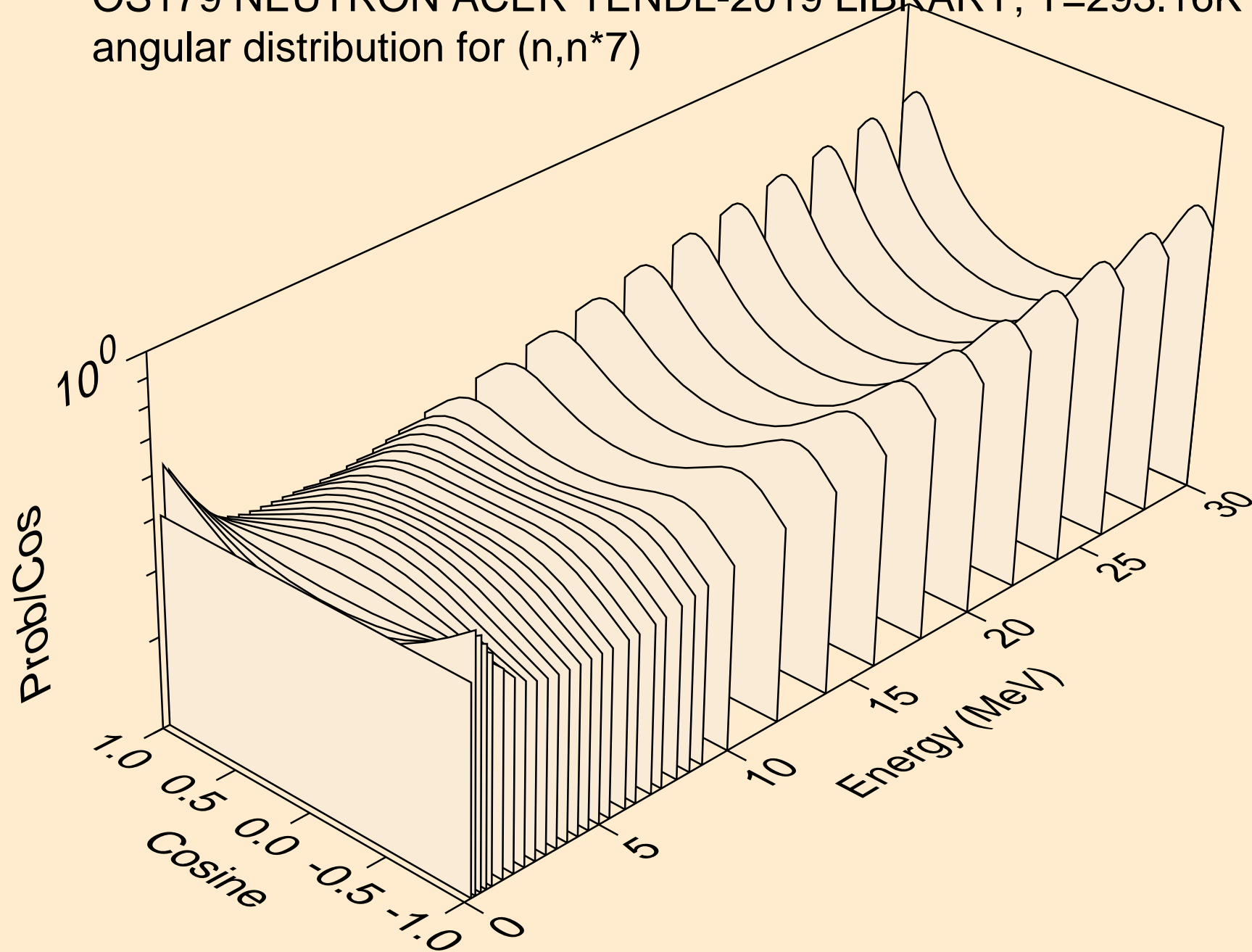
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



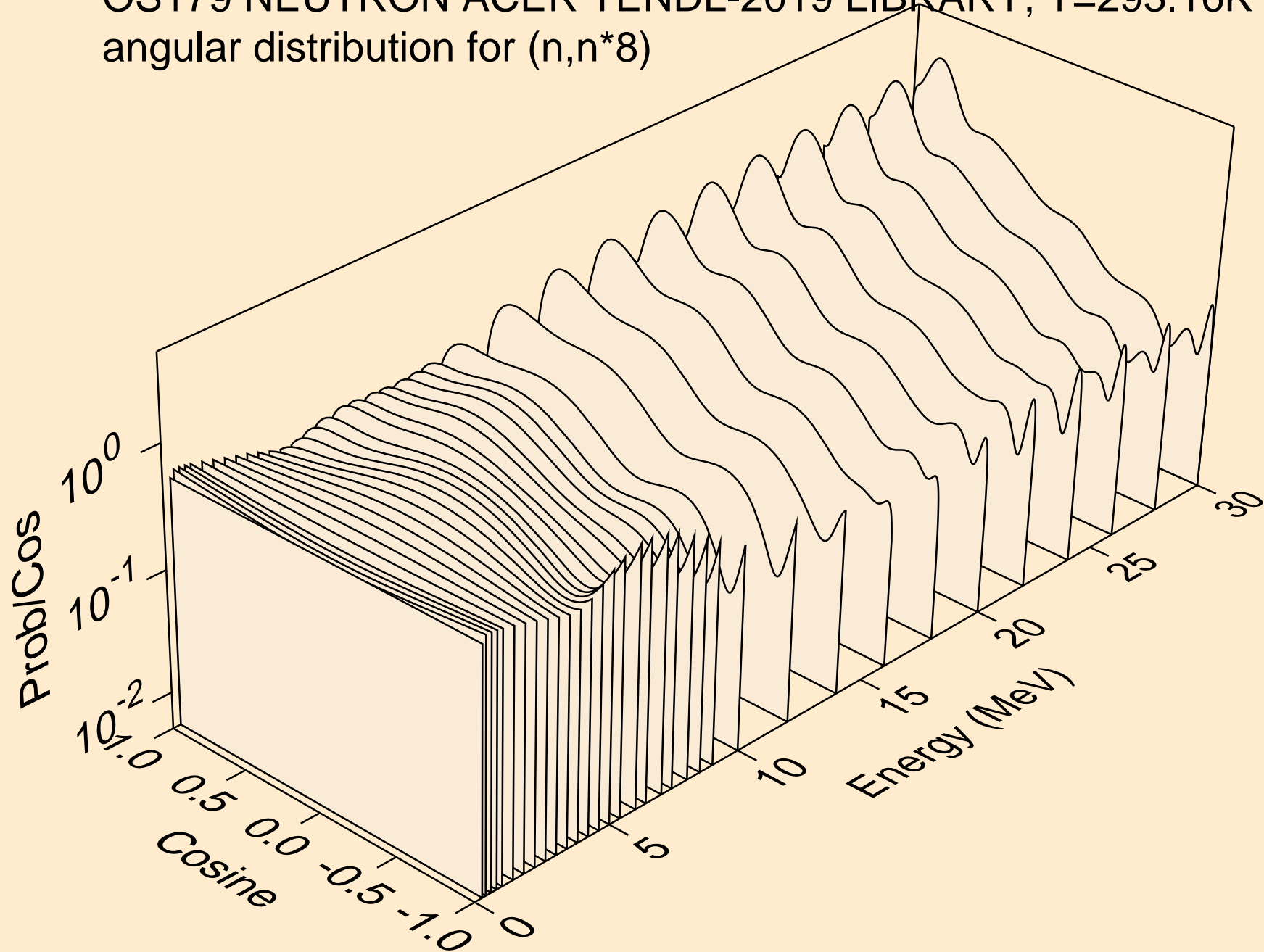
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



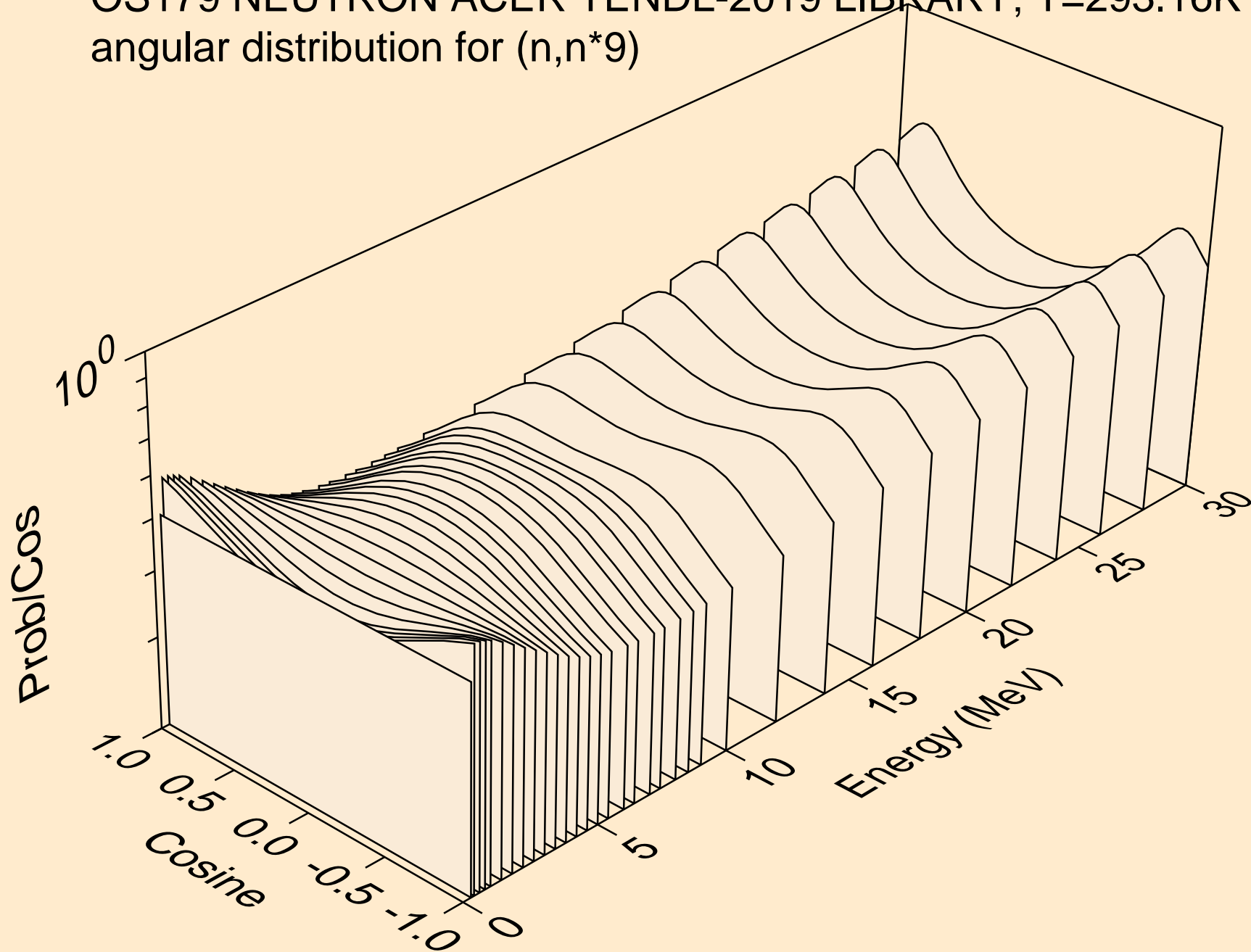
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



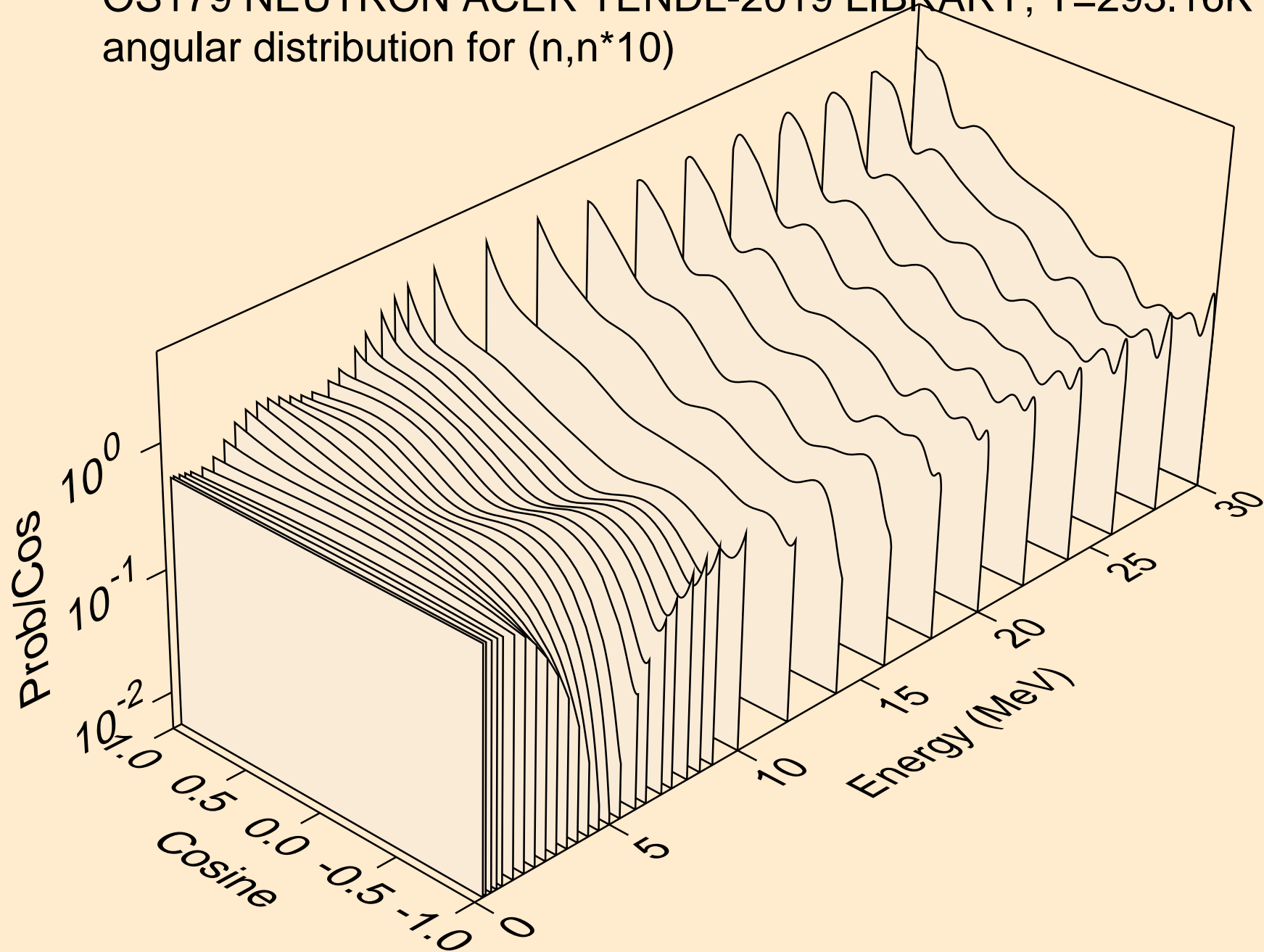
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

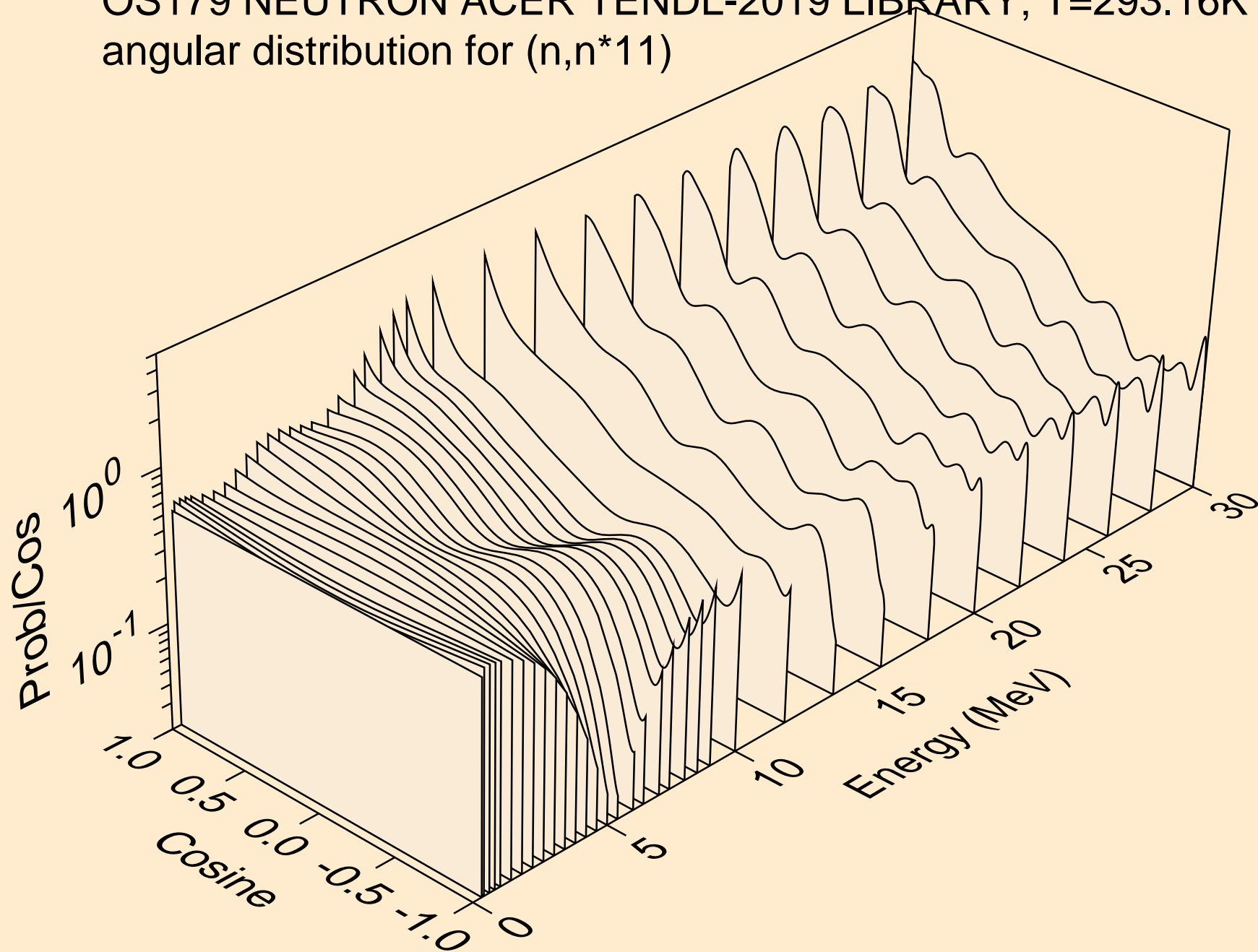


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

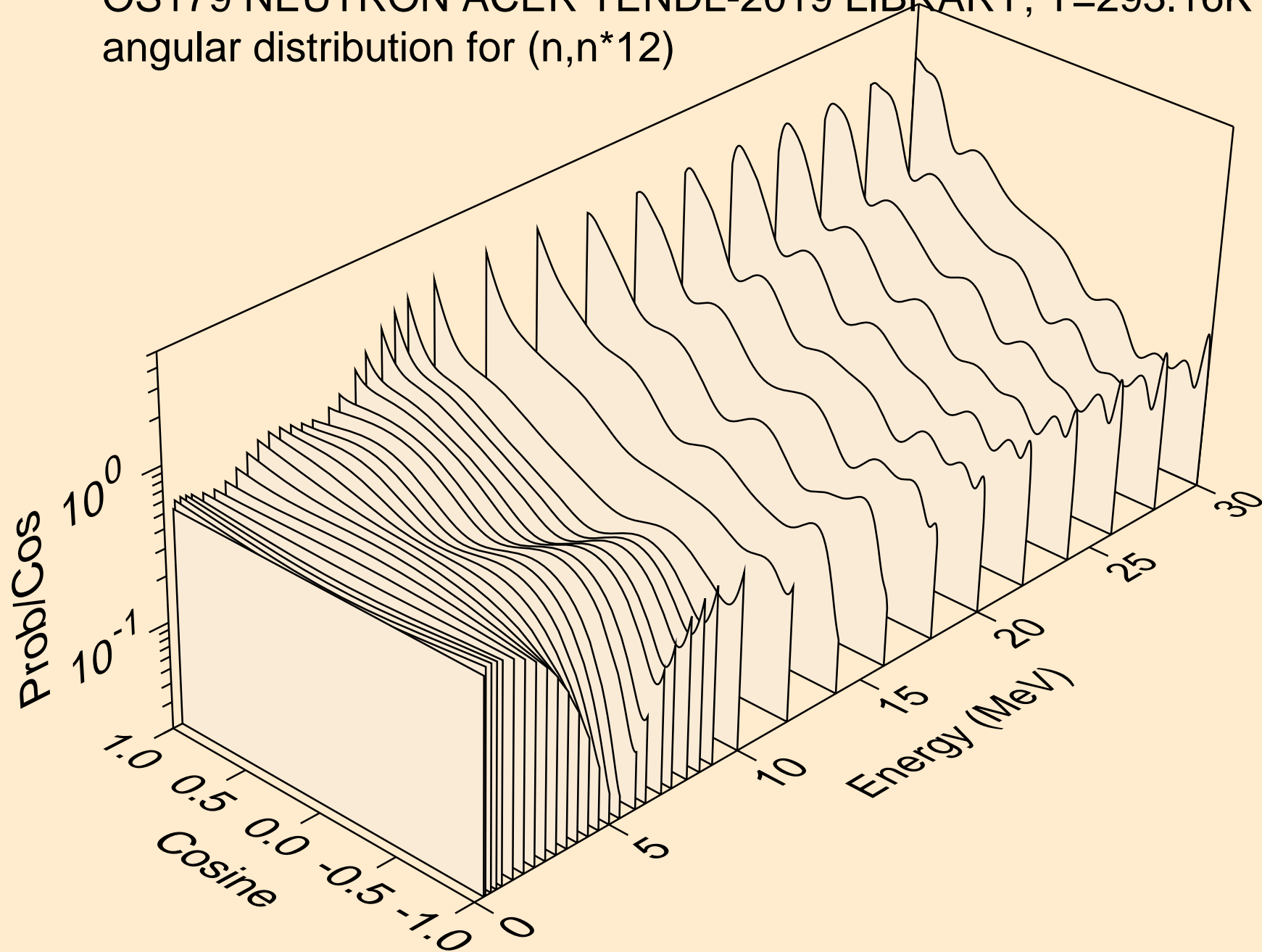




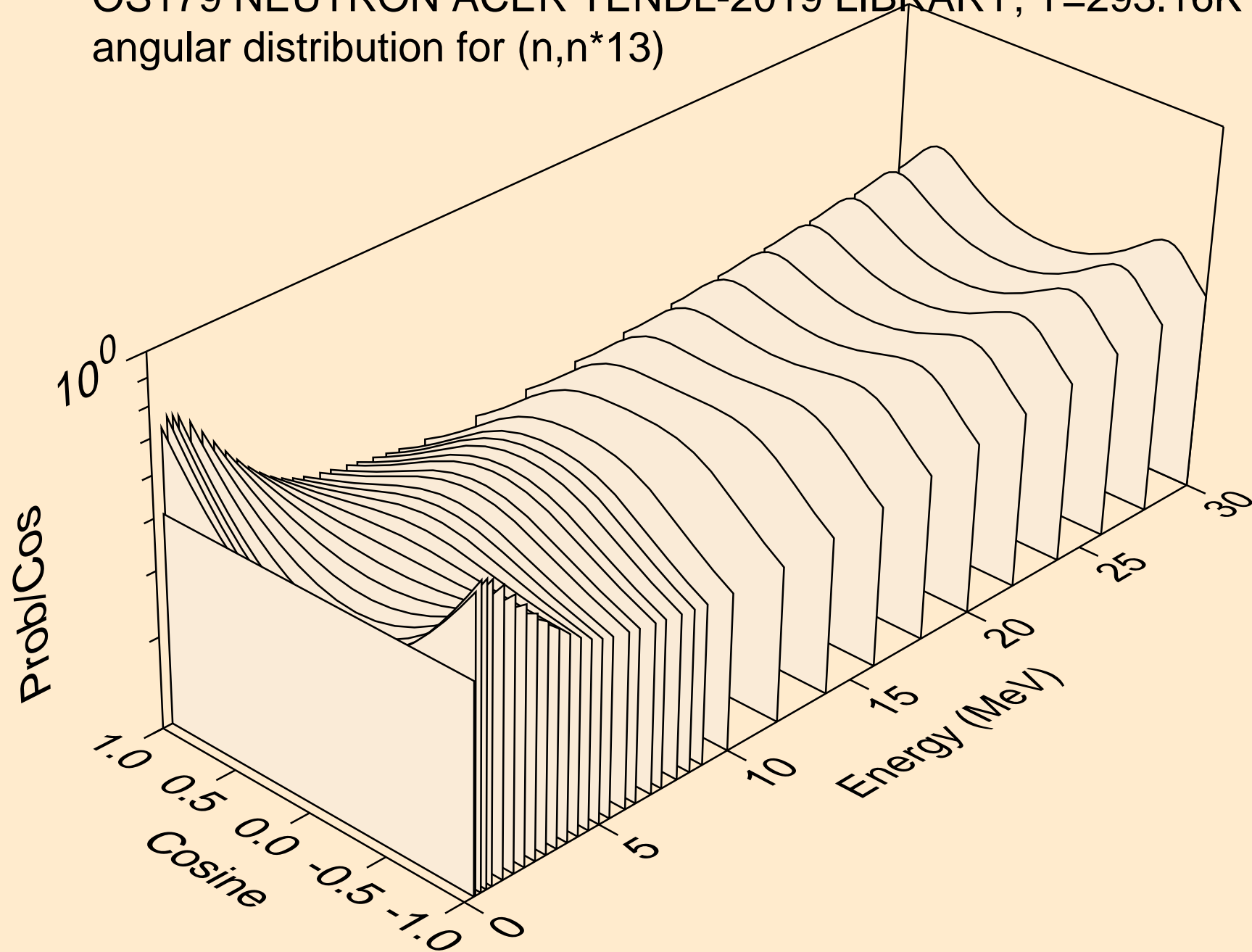
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



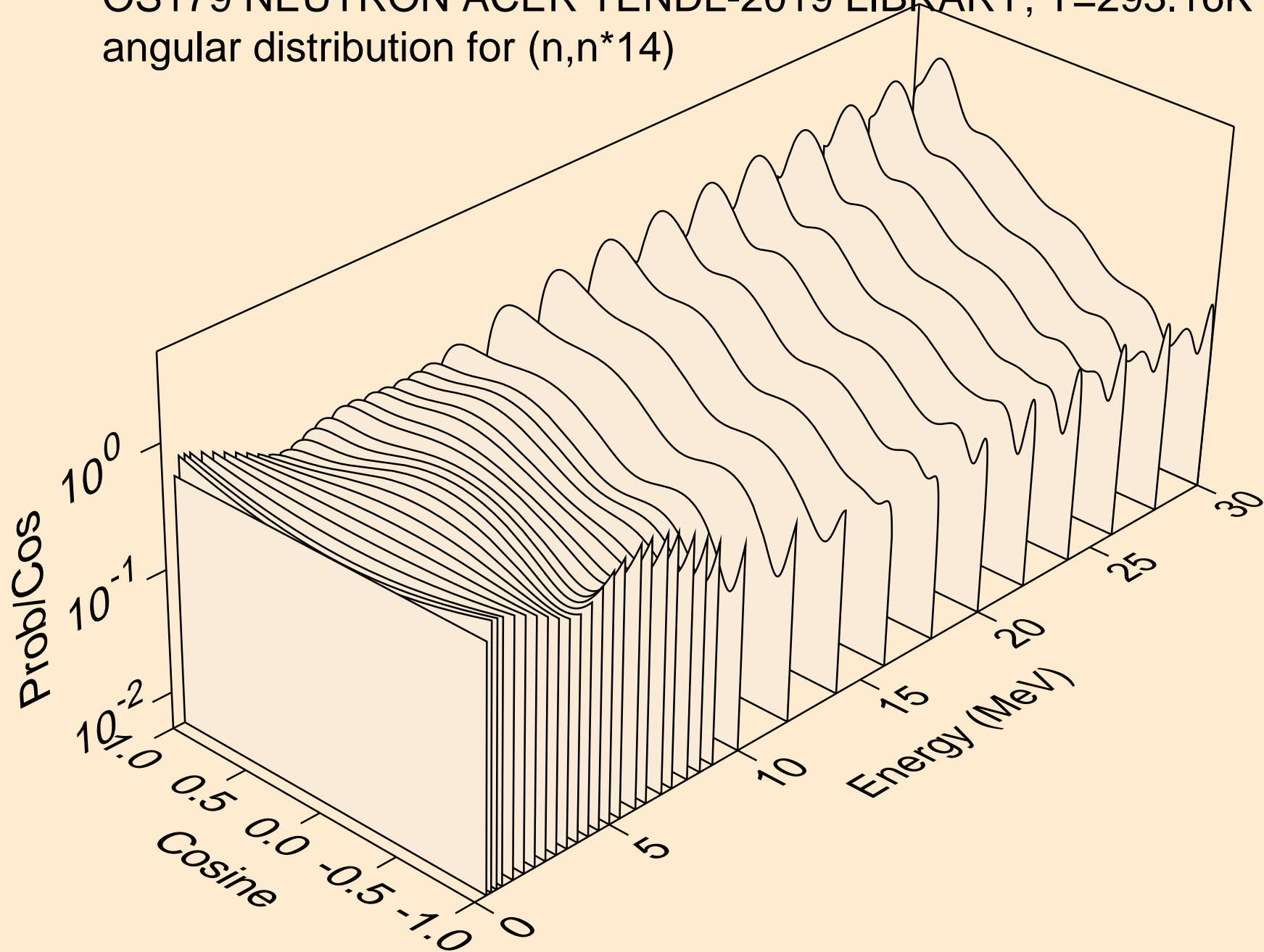
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



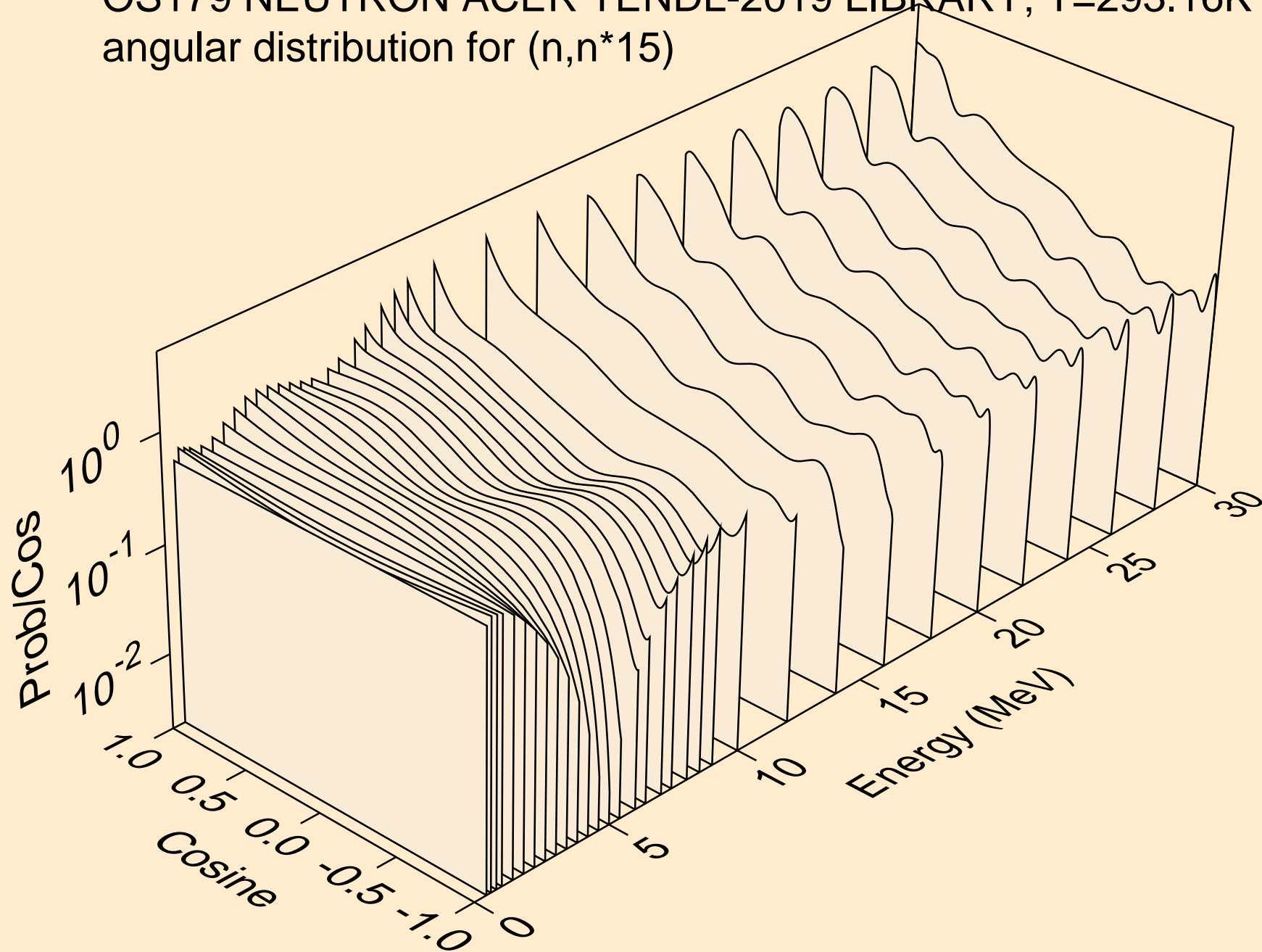
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



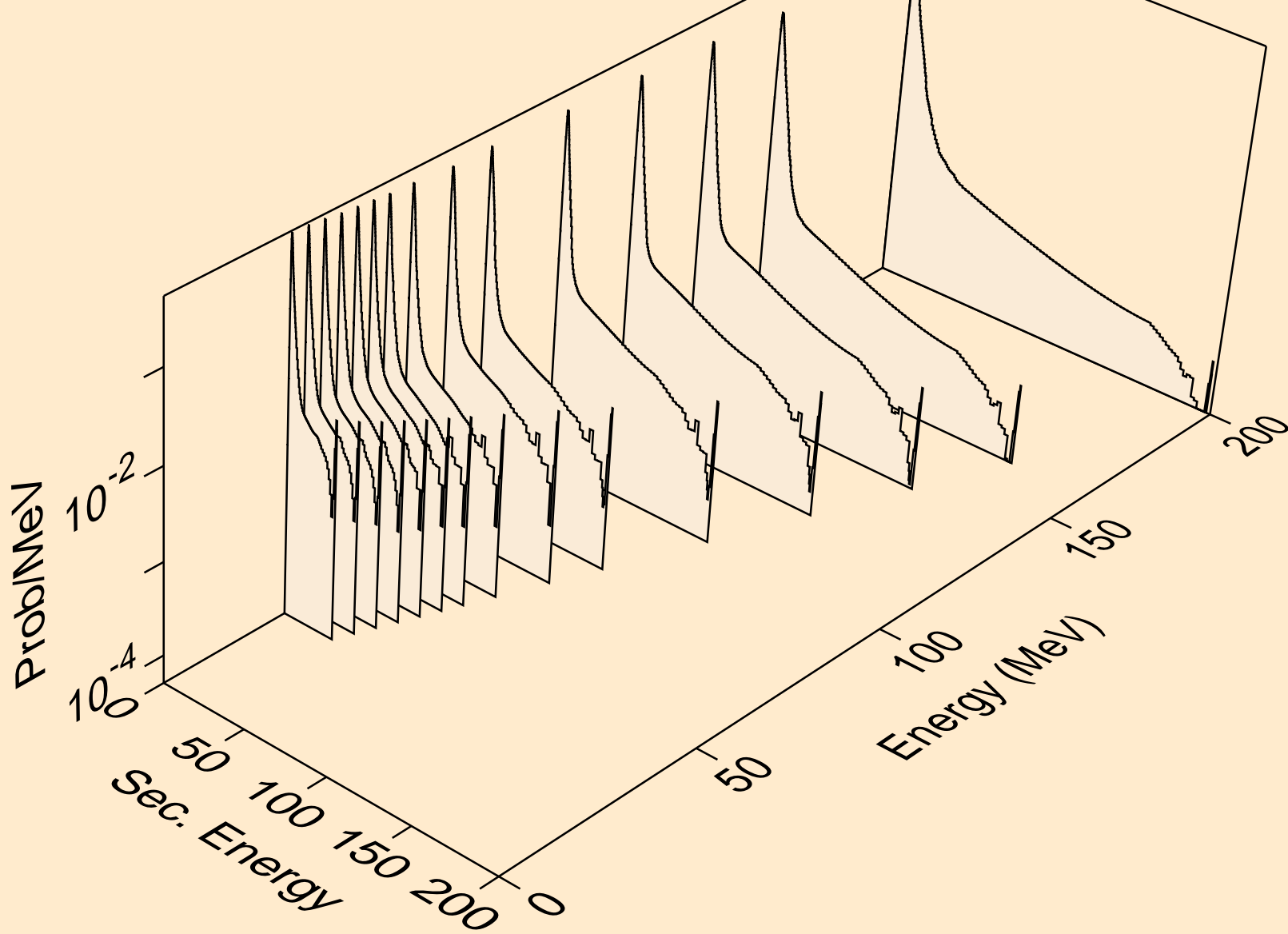
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



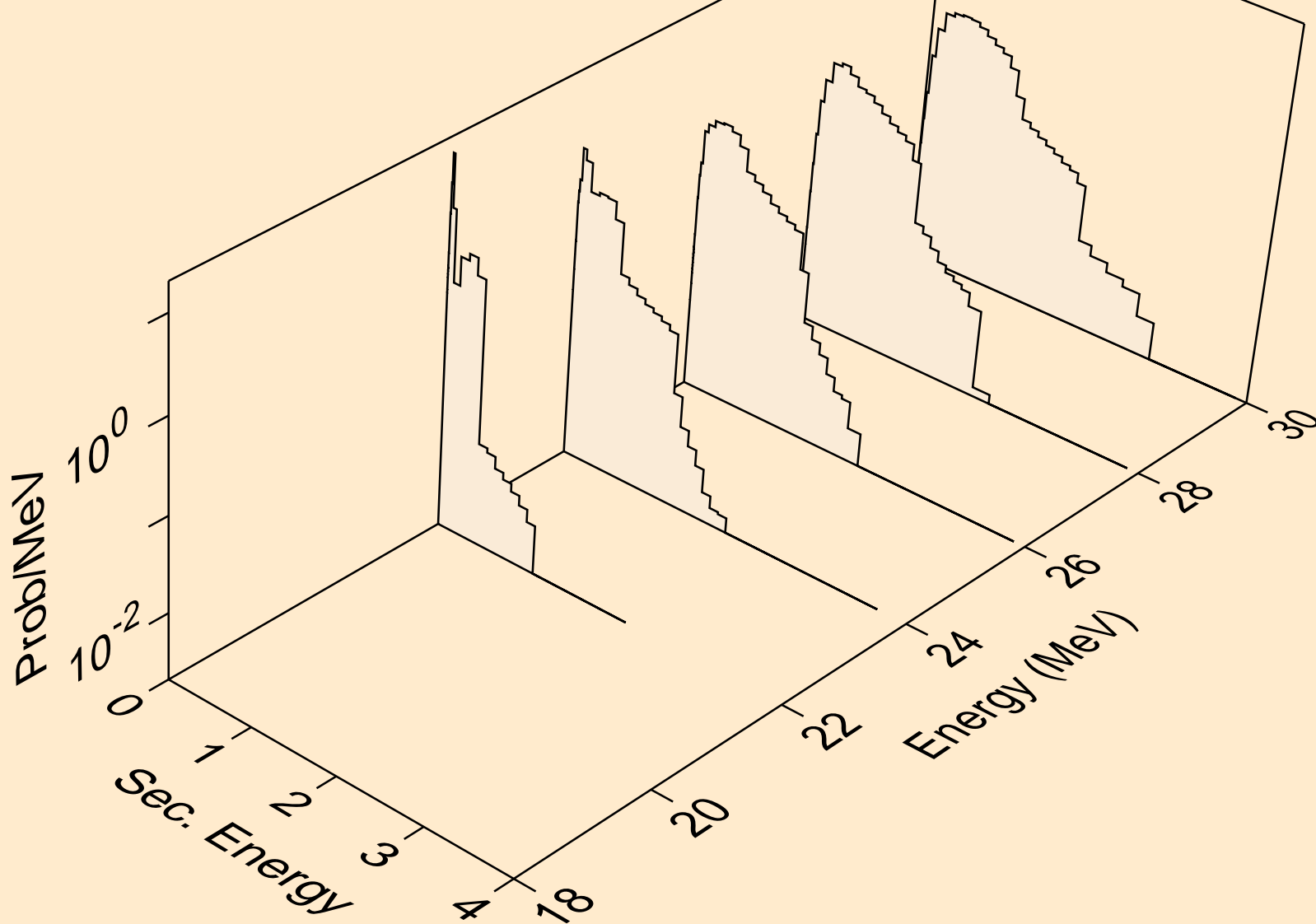
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



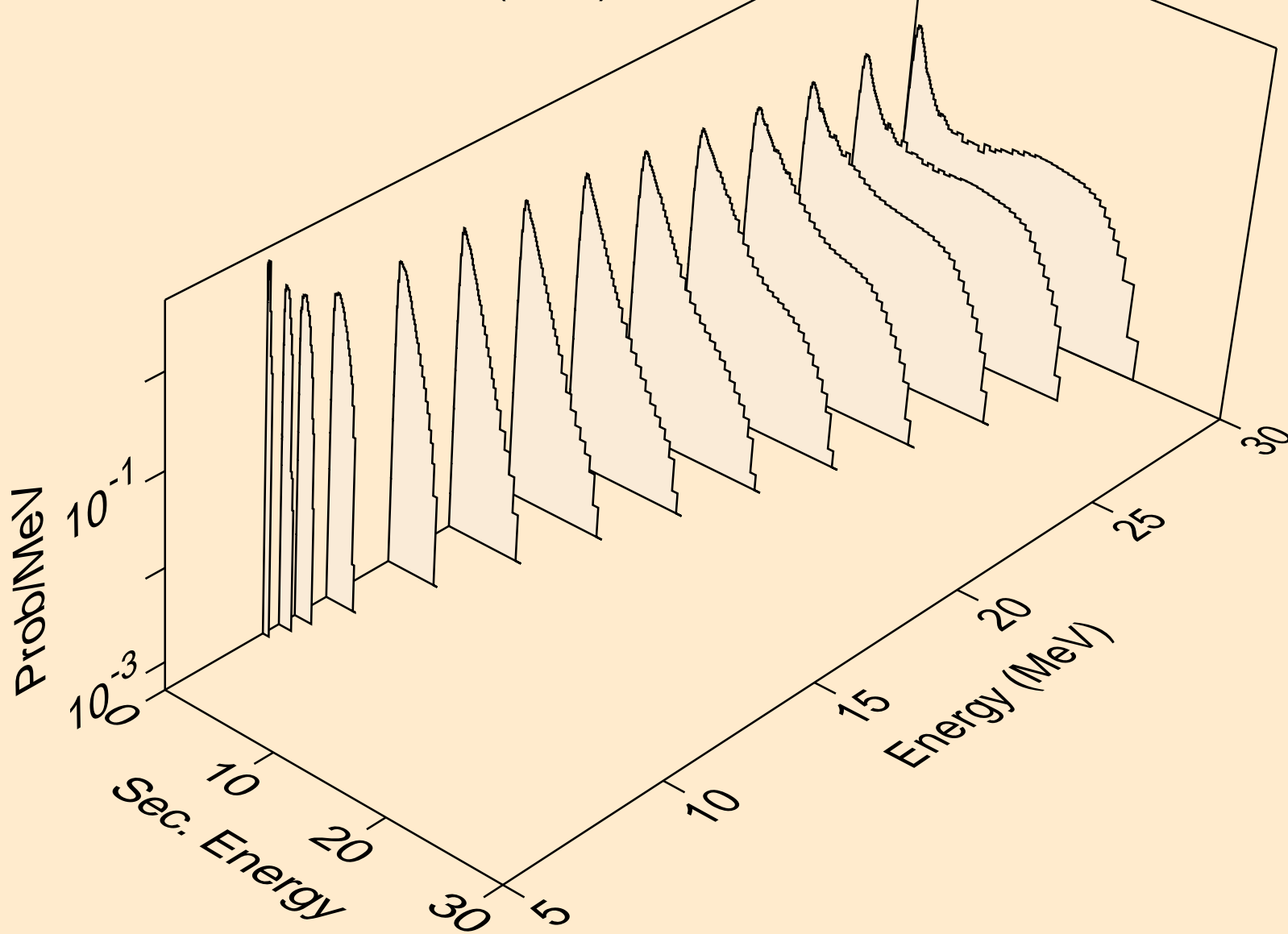
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

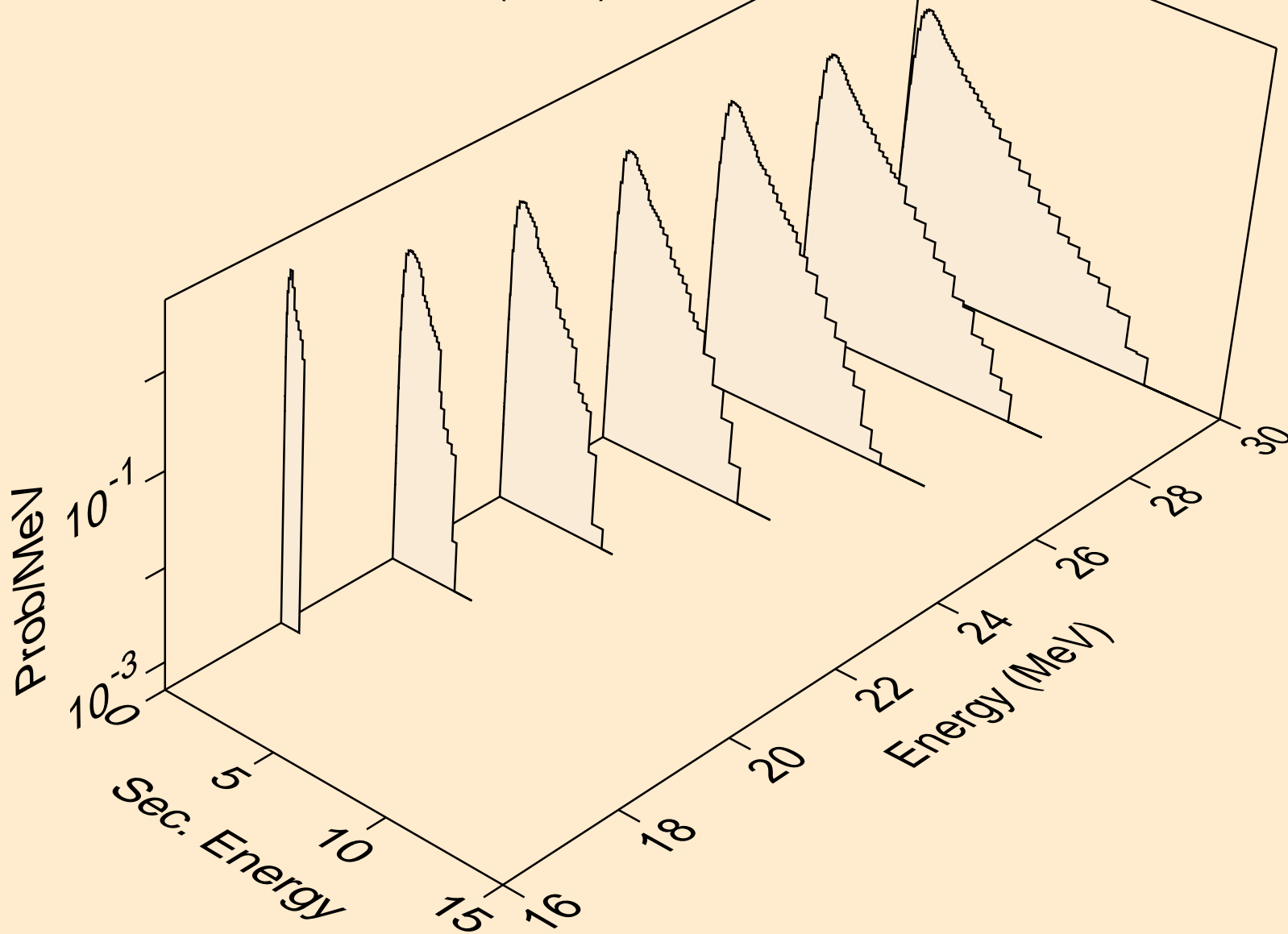


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

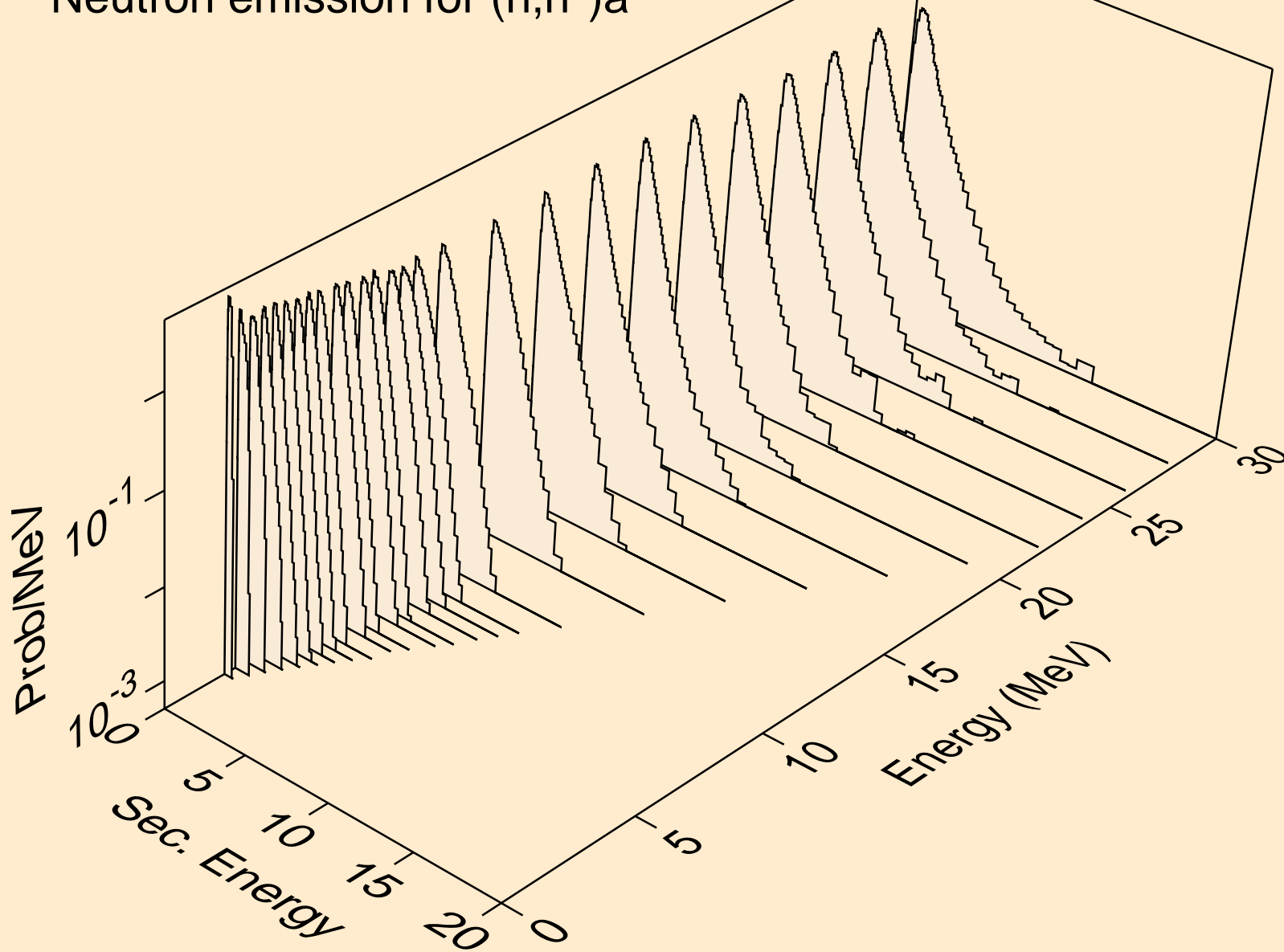




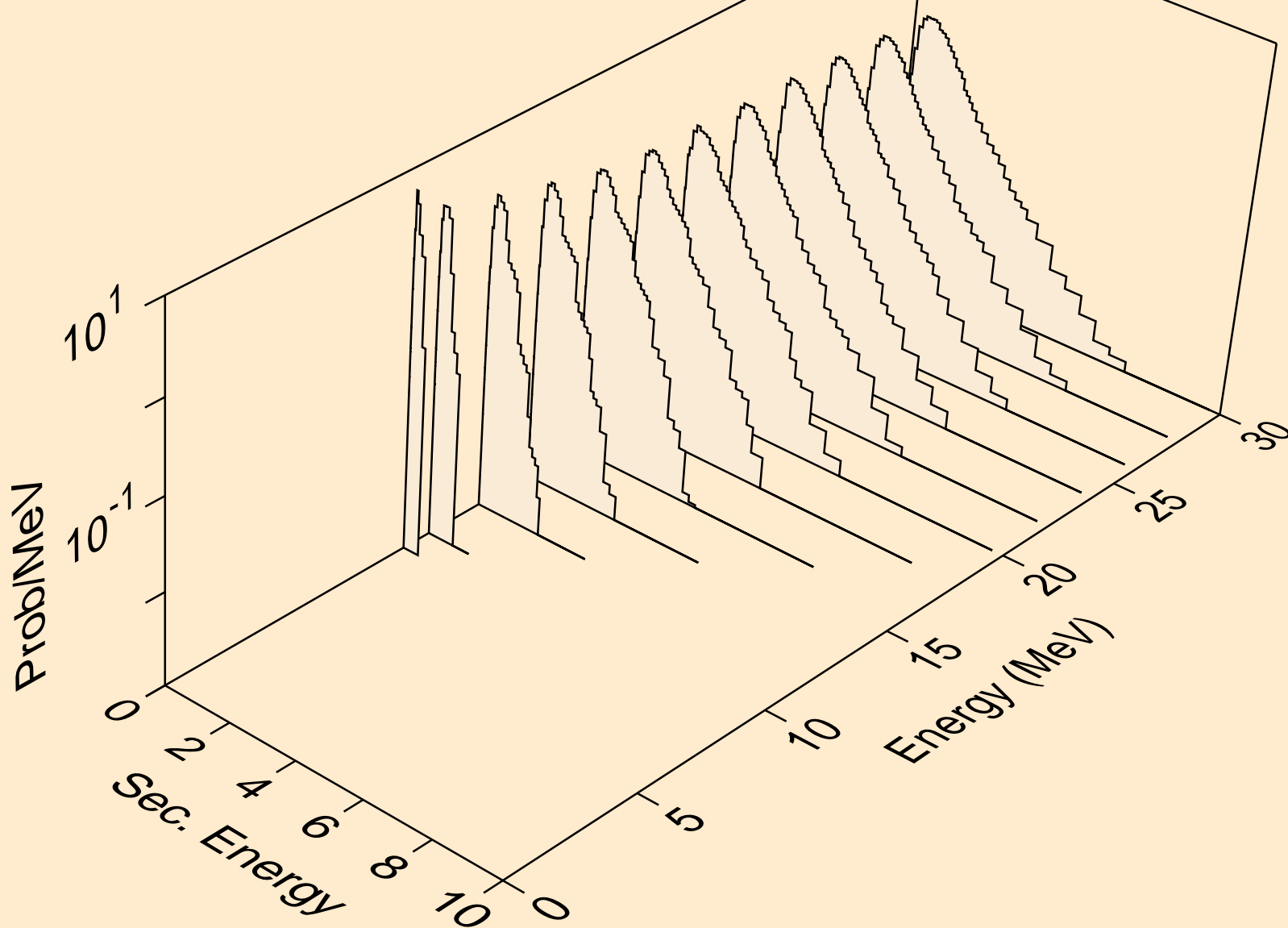
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



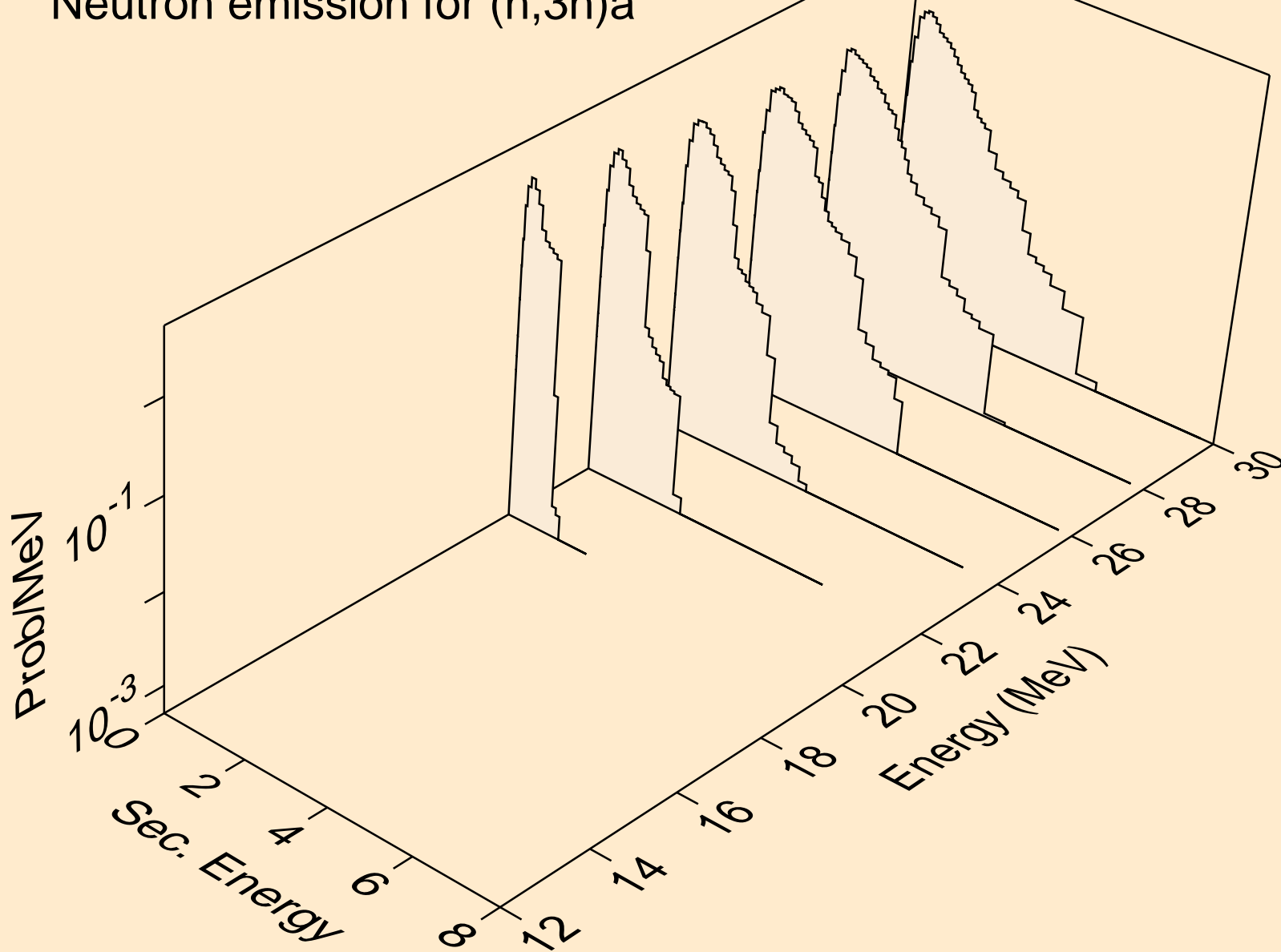
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



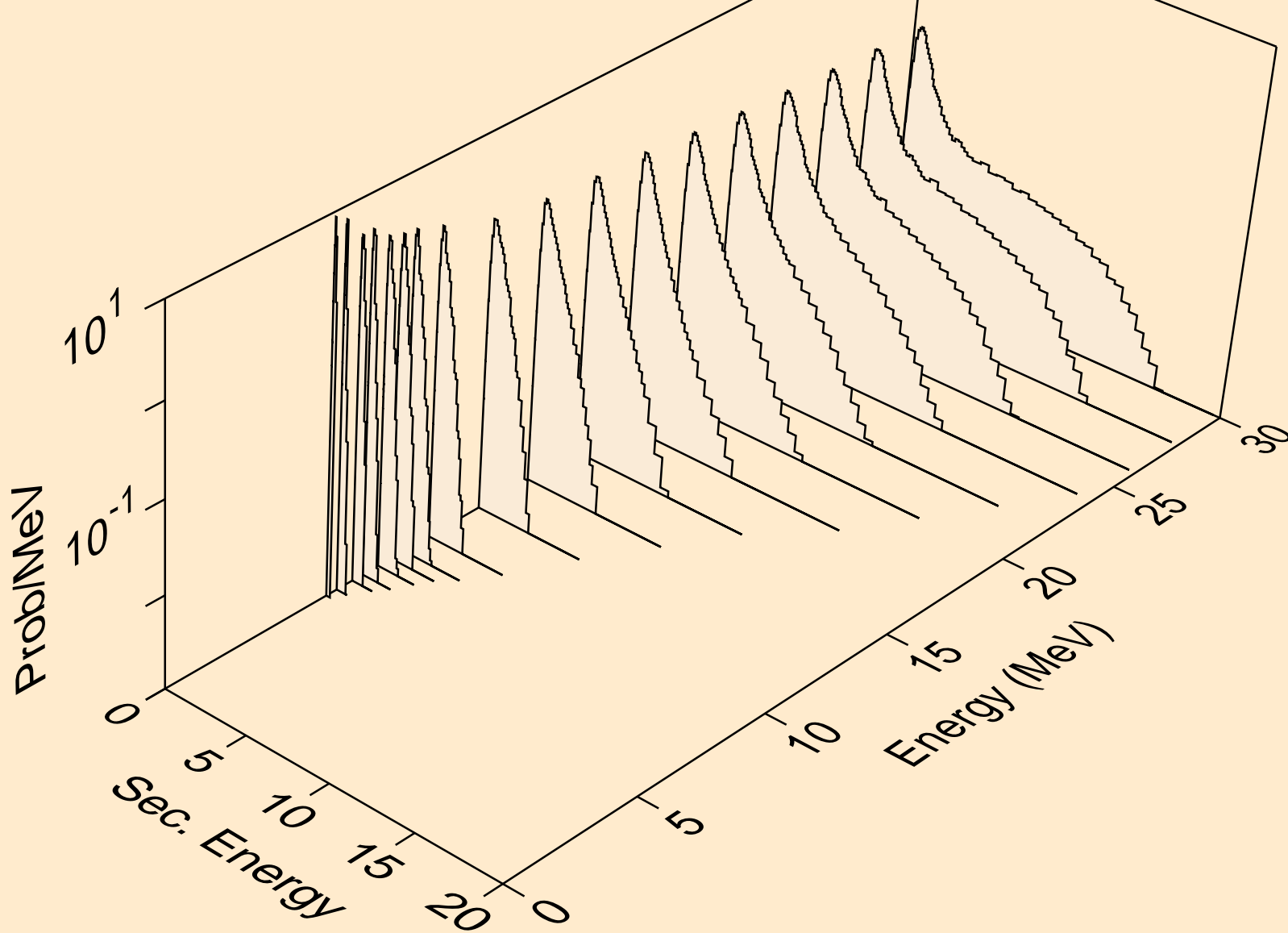
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



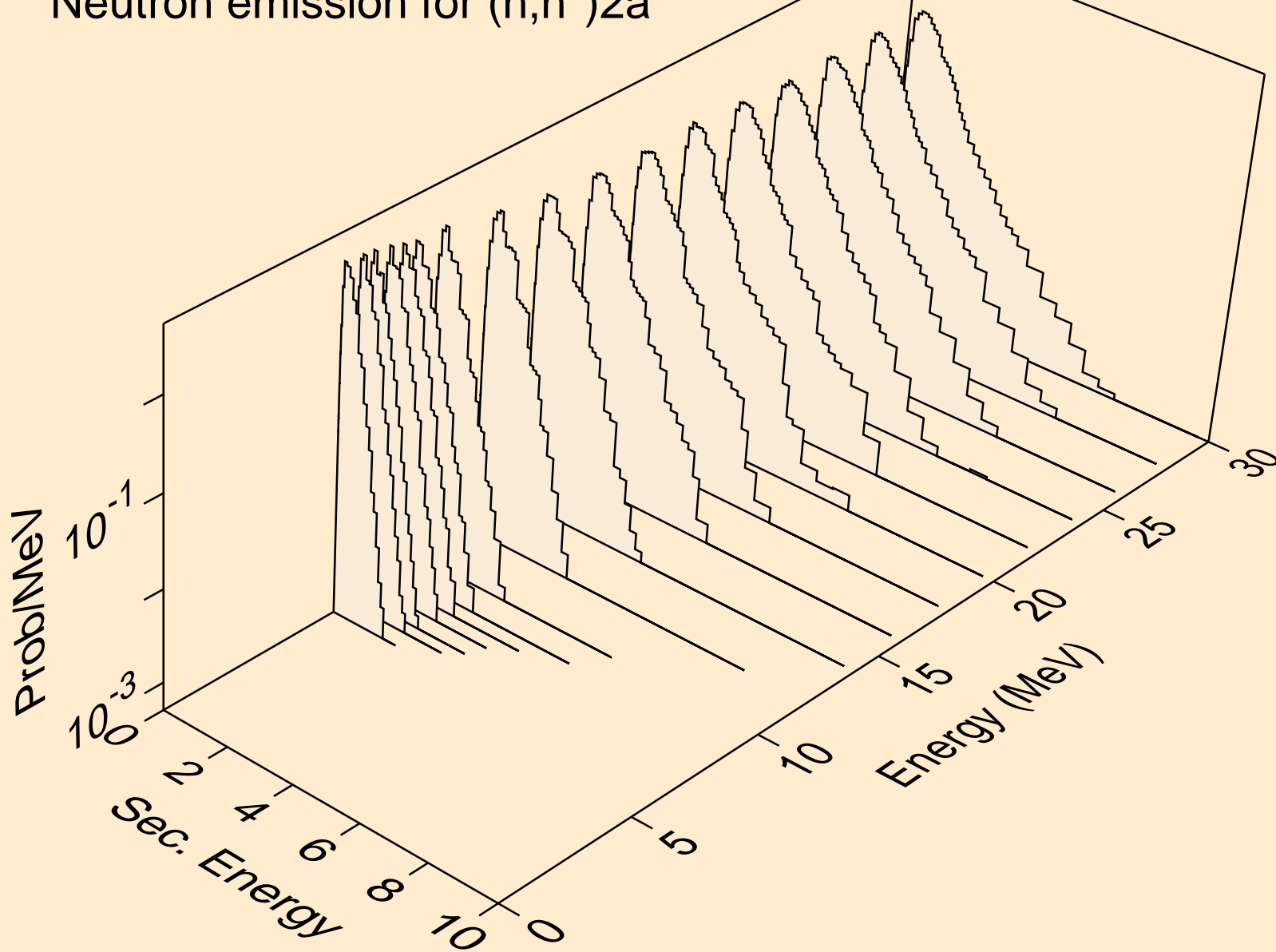
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



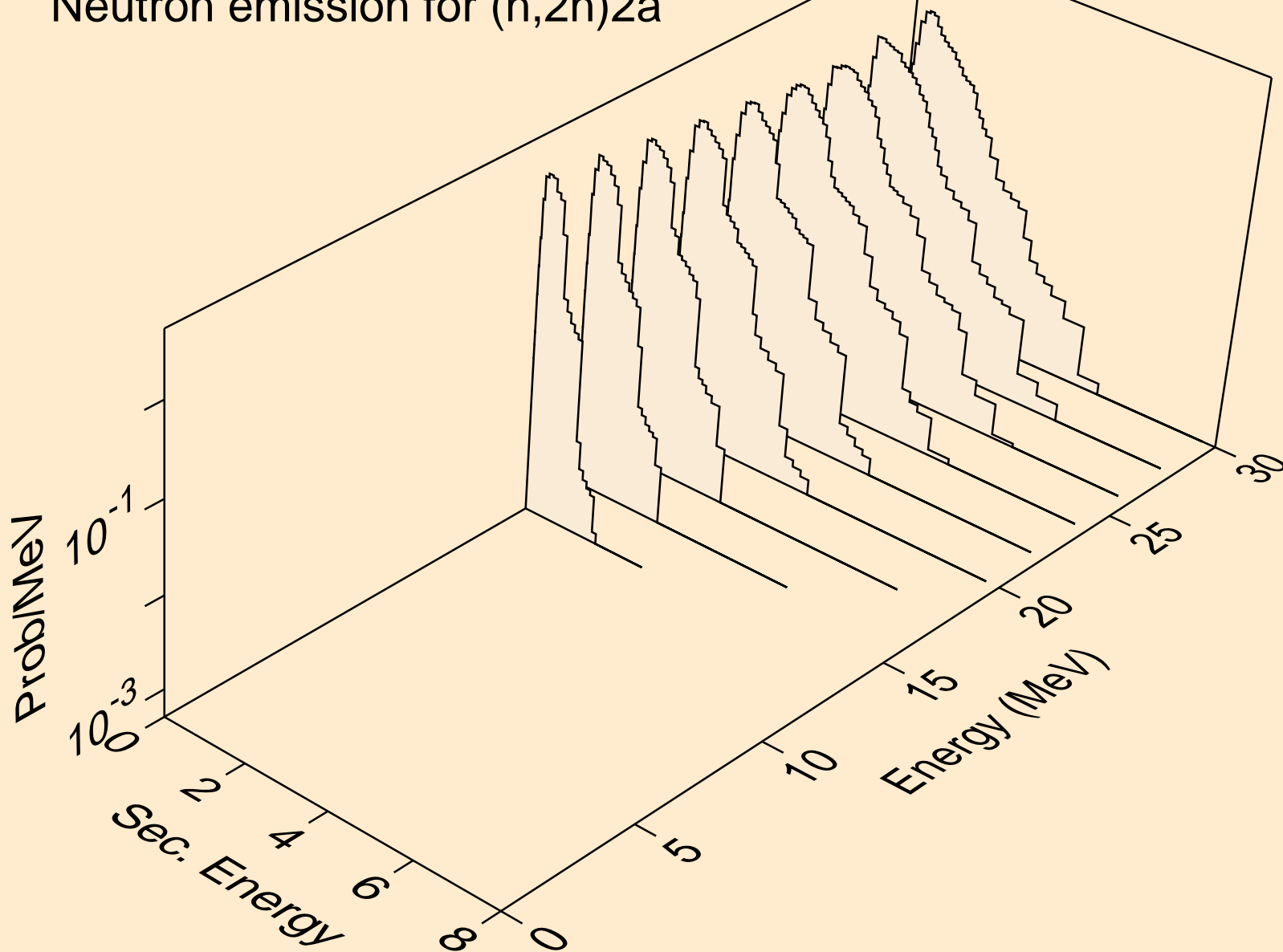
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



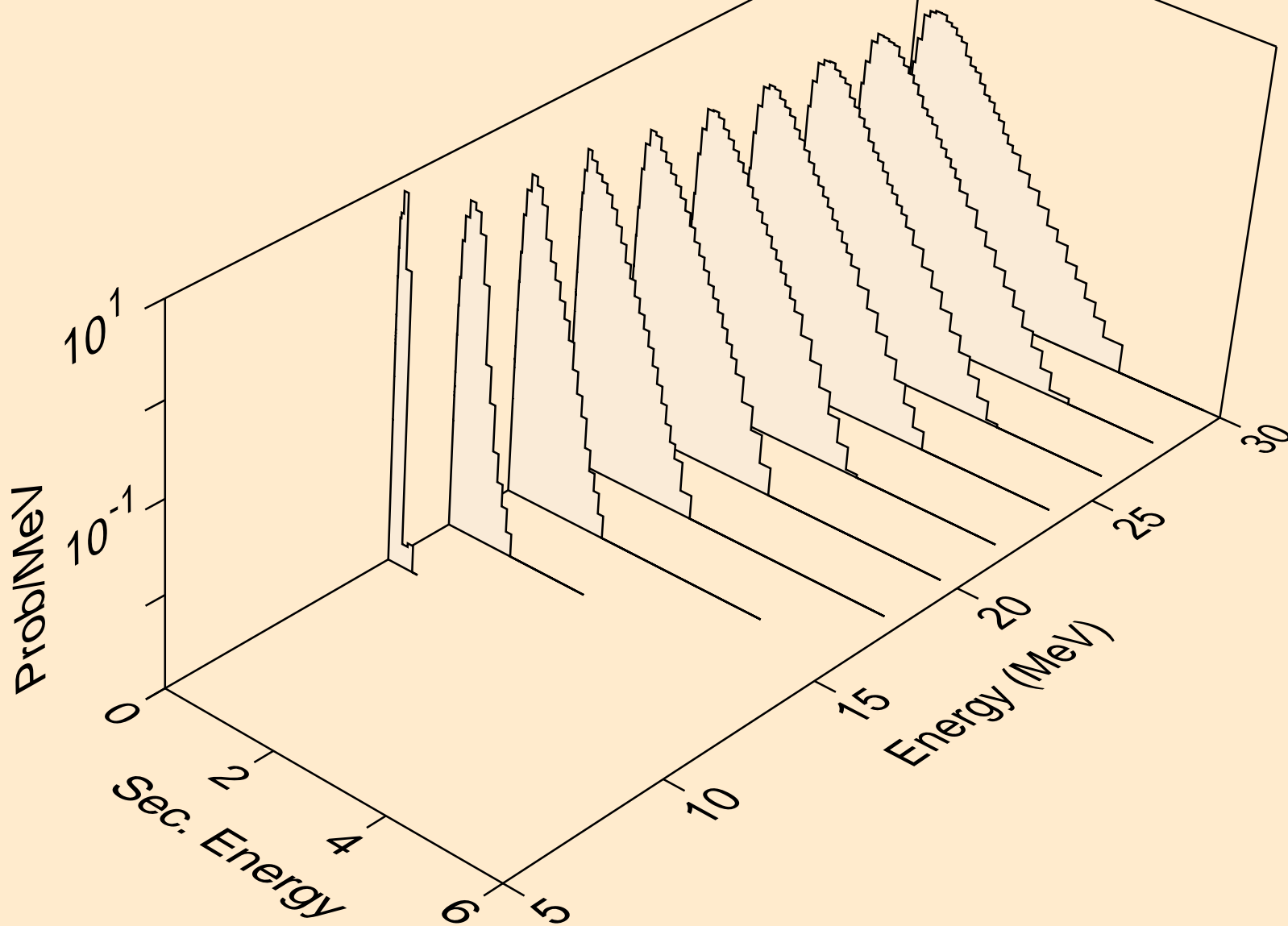
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a

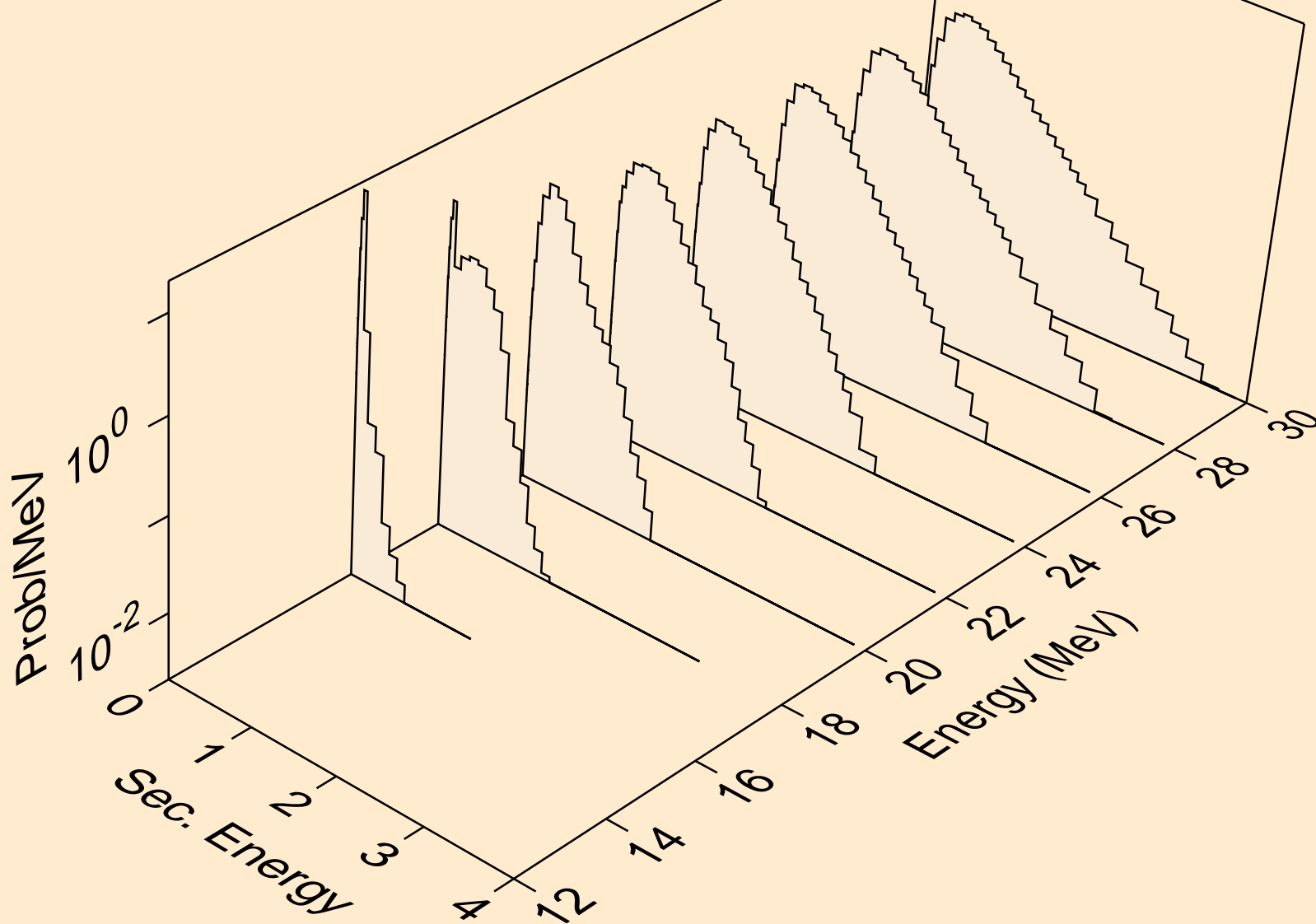


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

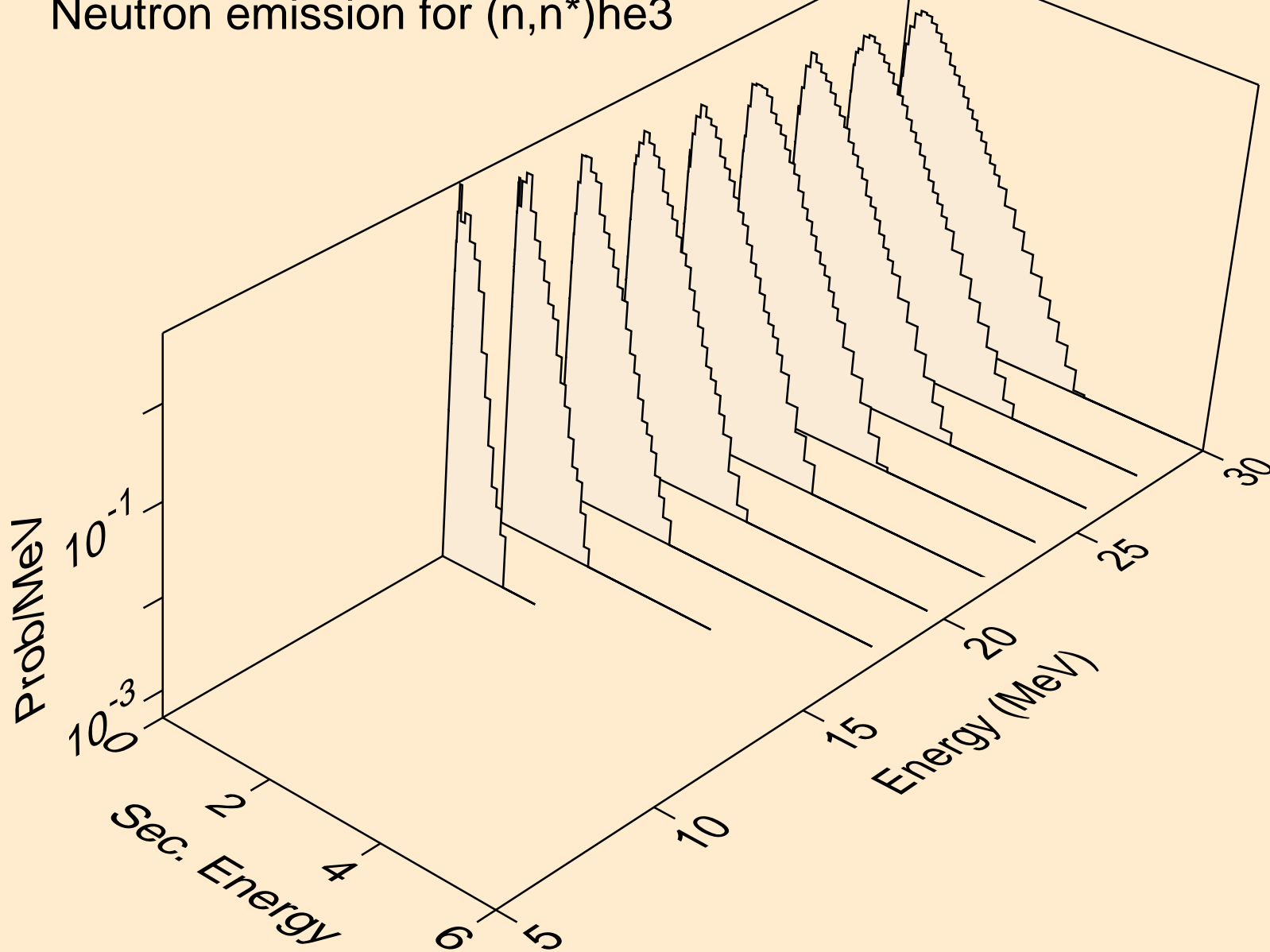




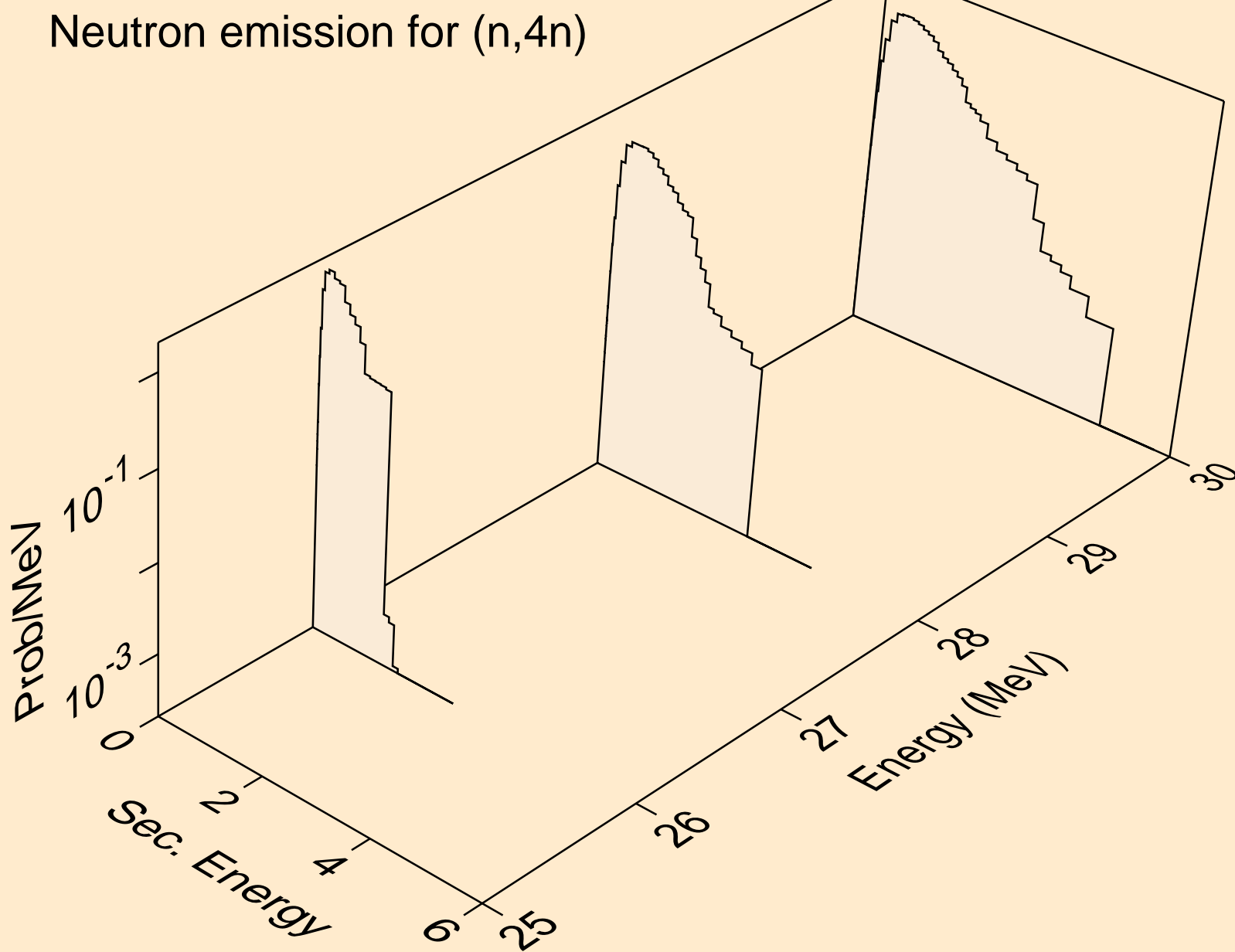
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



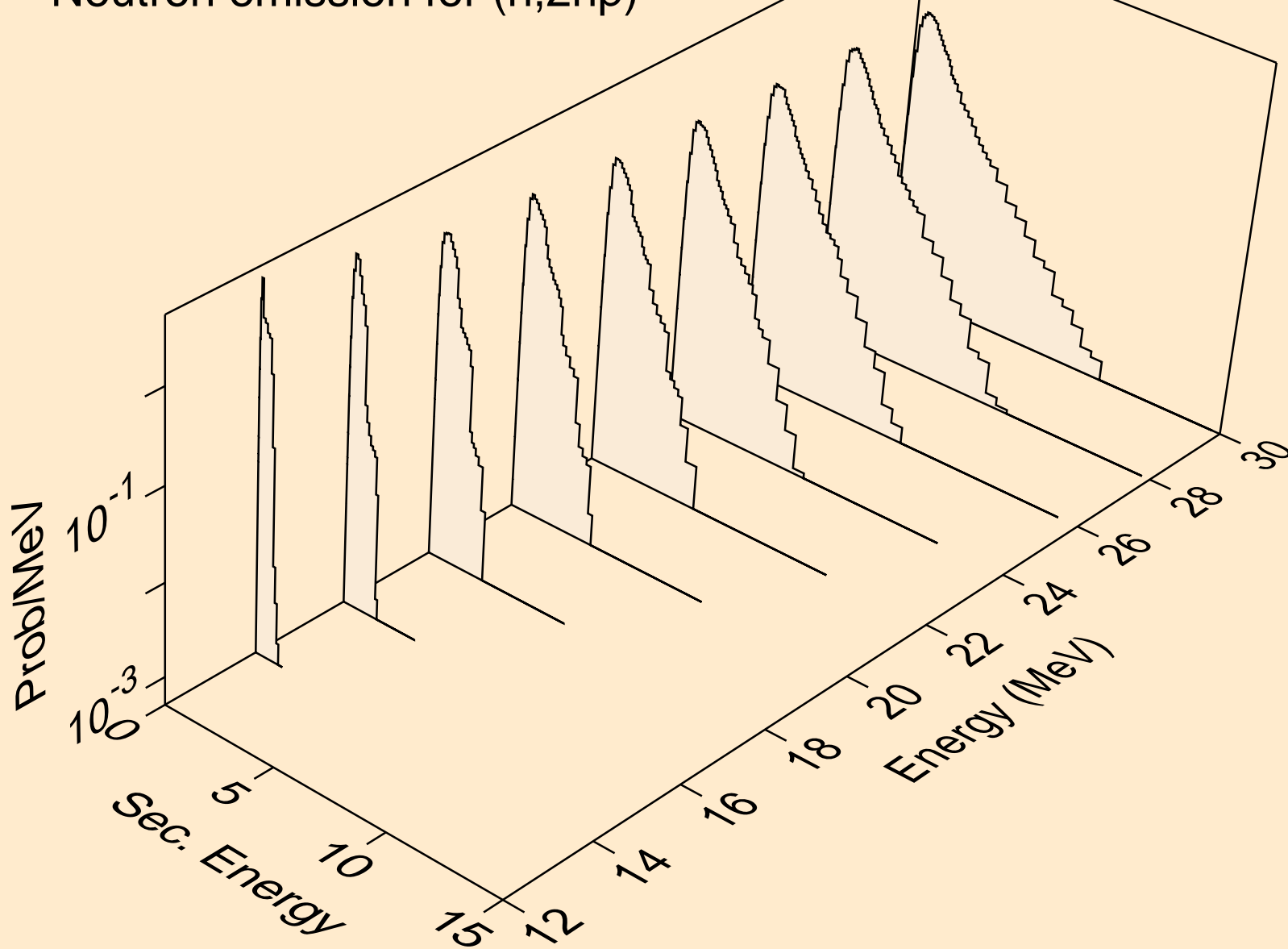
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



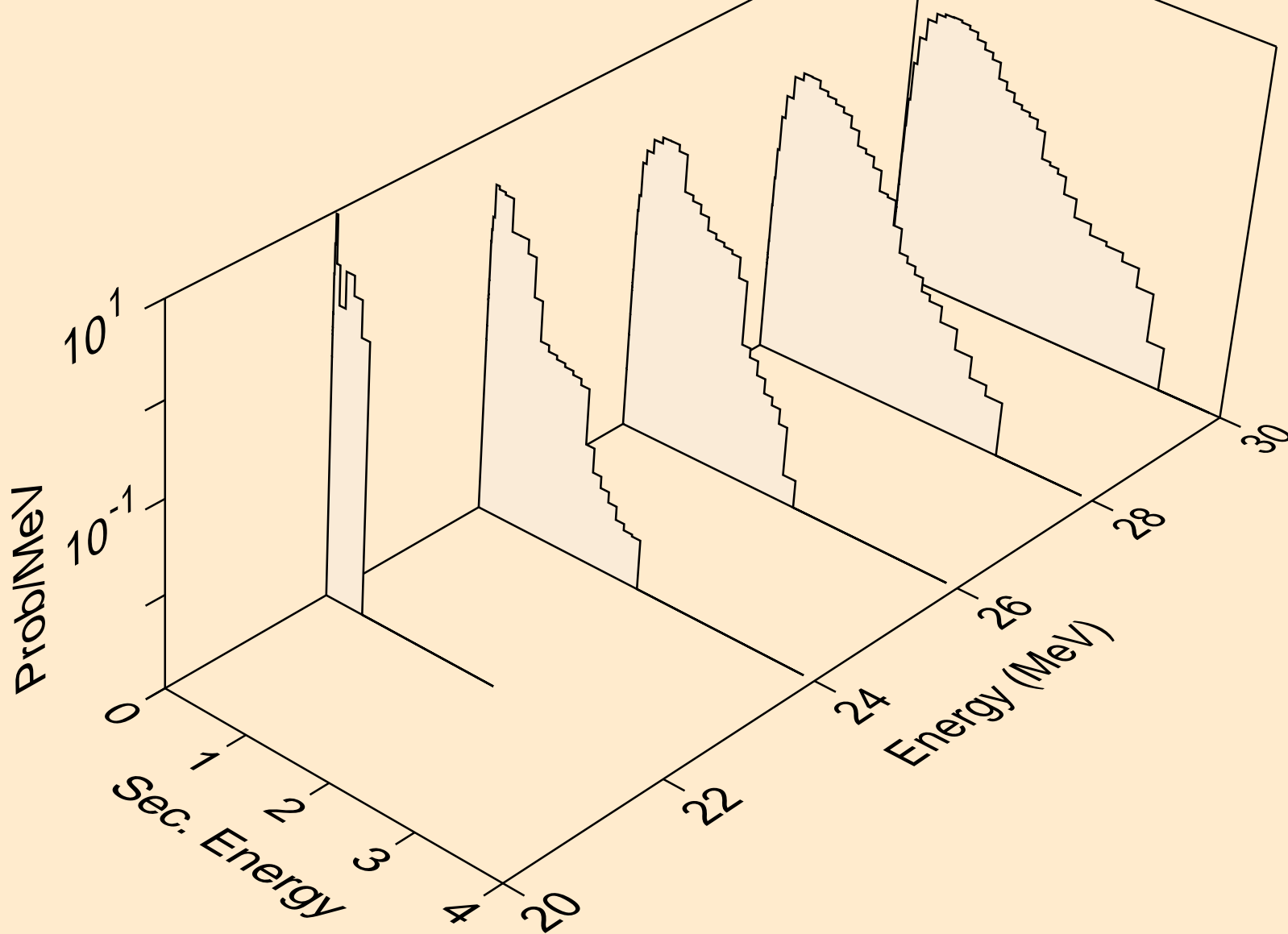
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



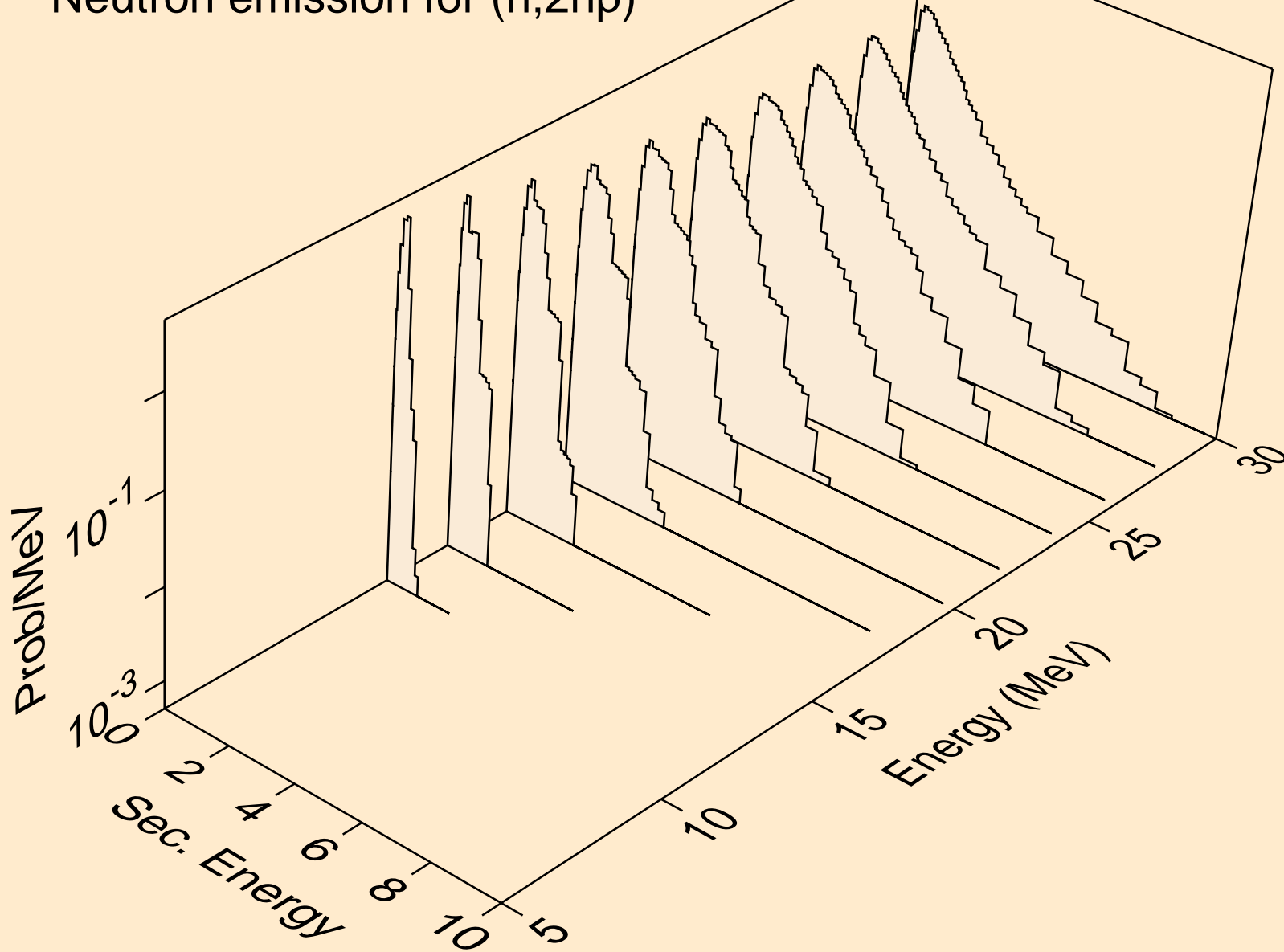
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



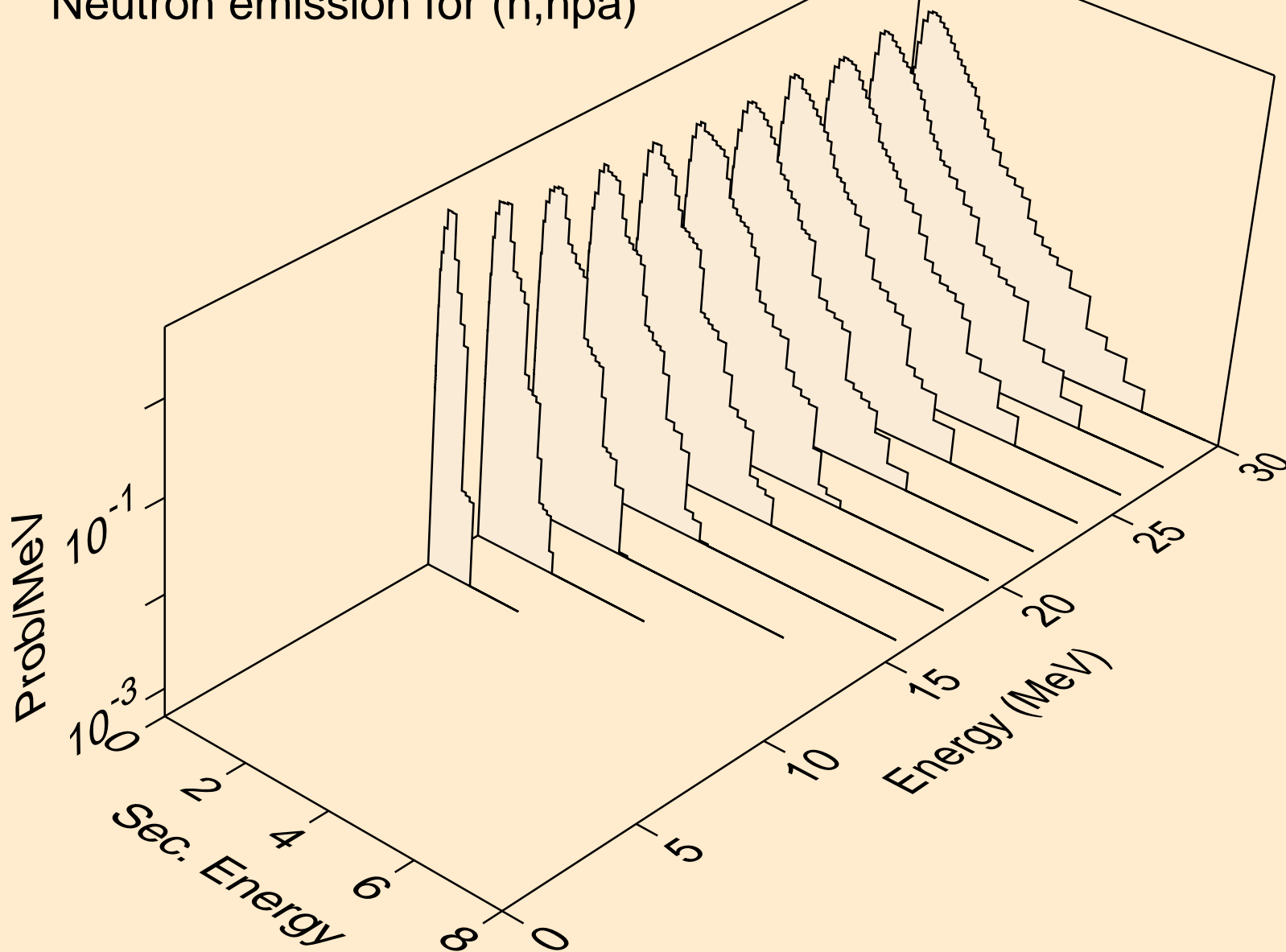
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



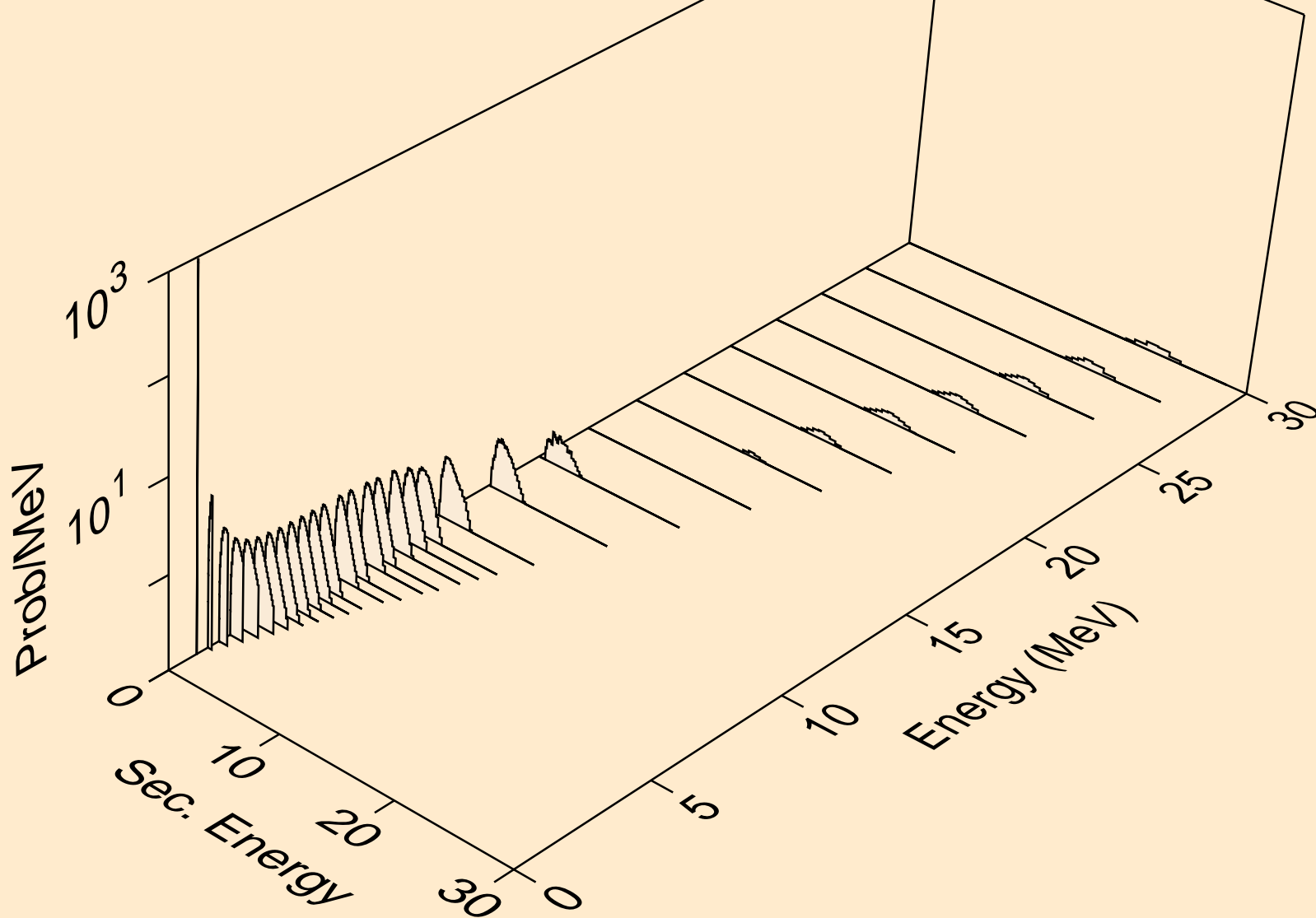
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

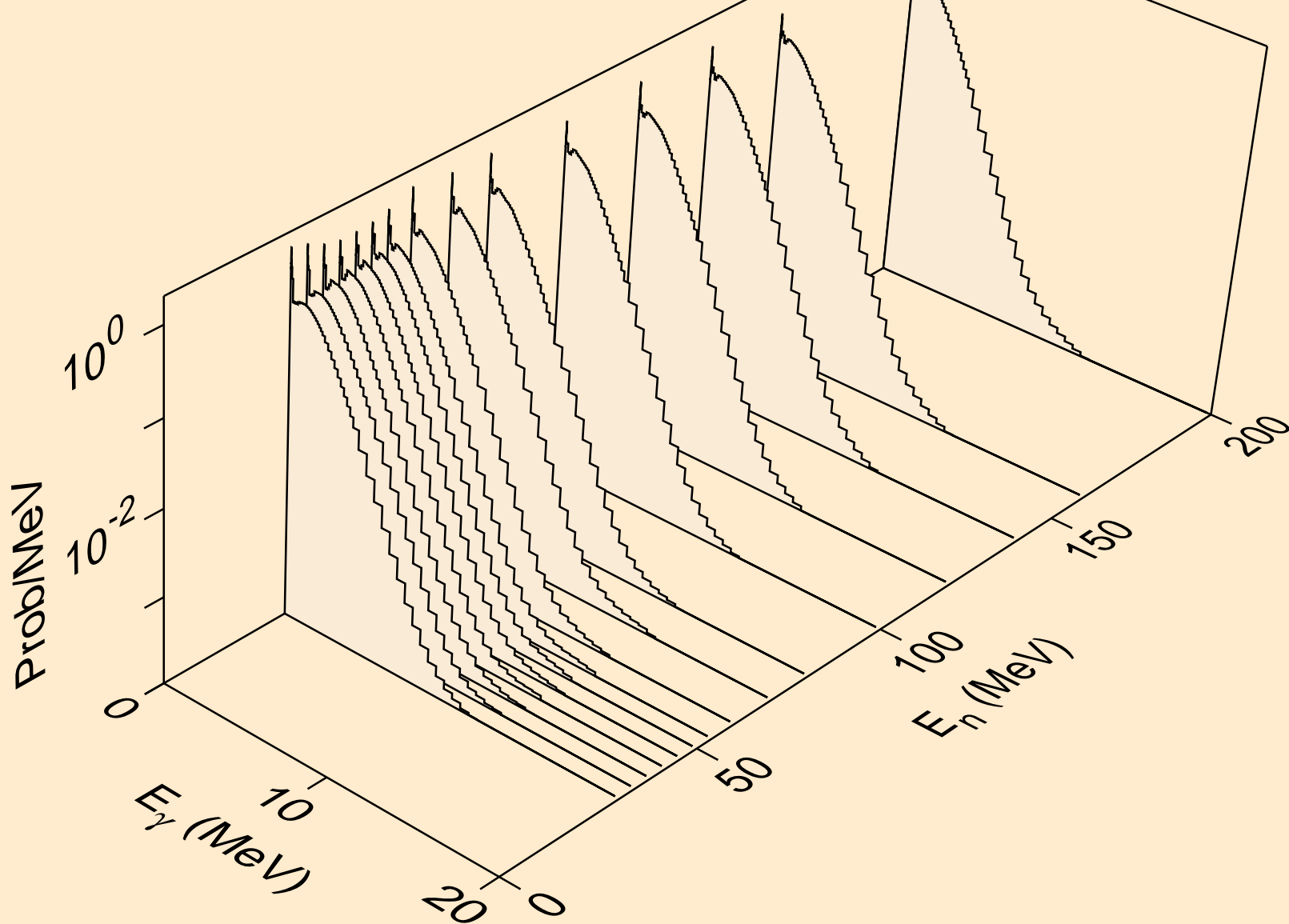


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

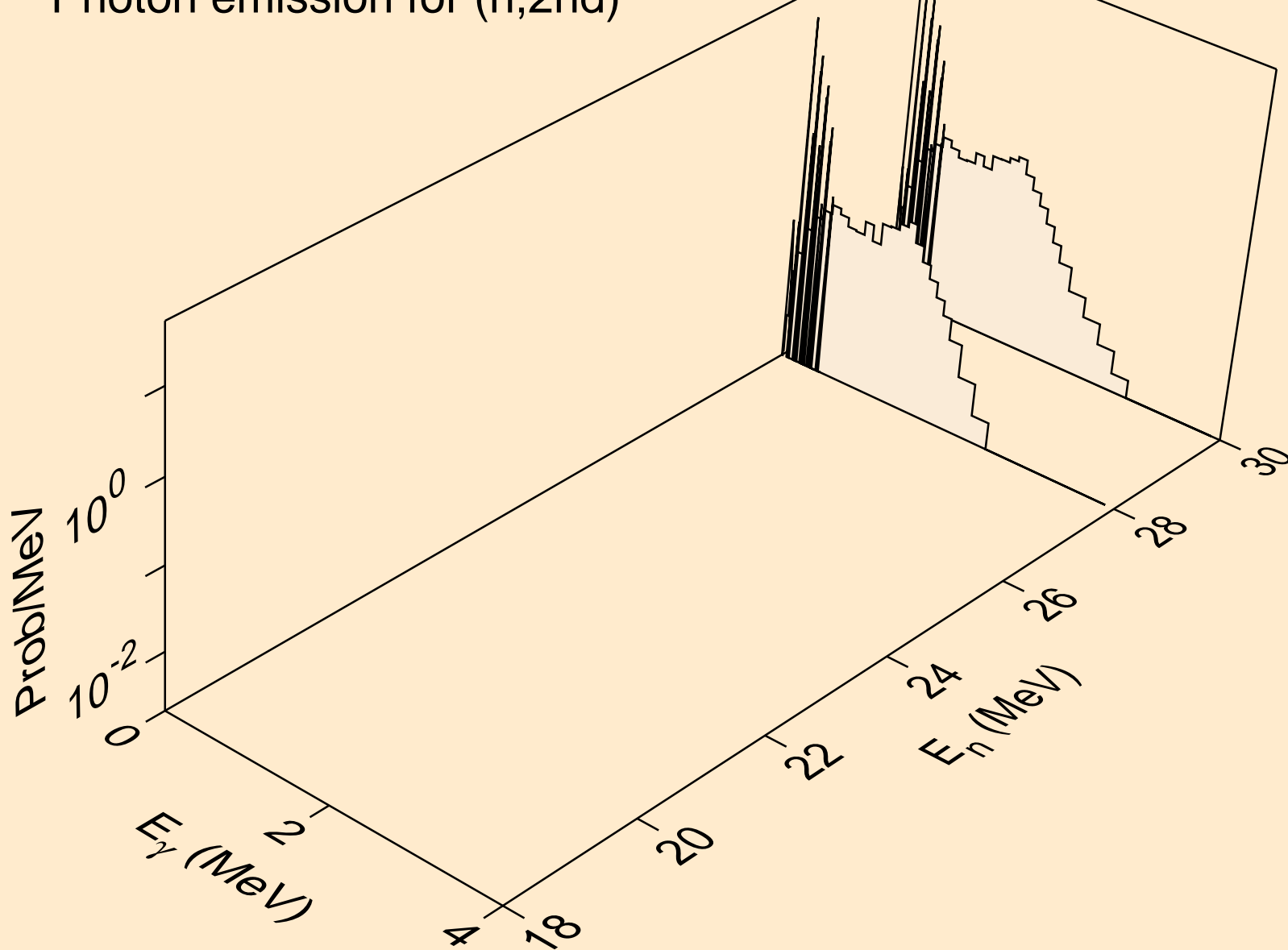




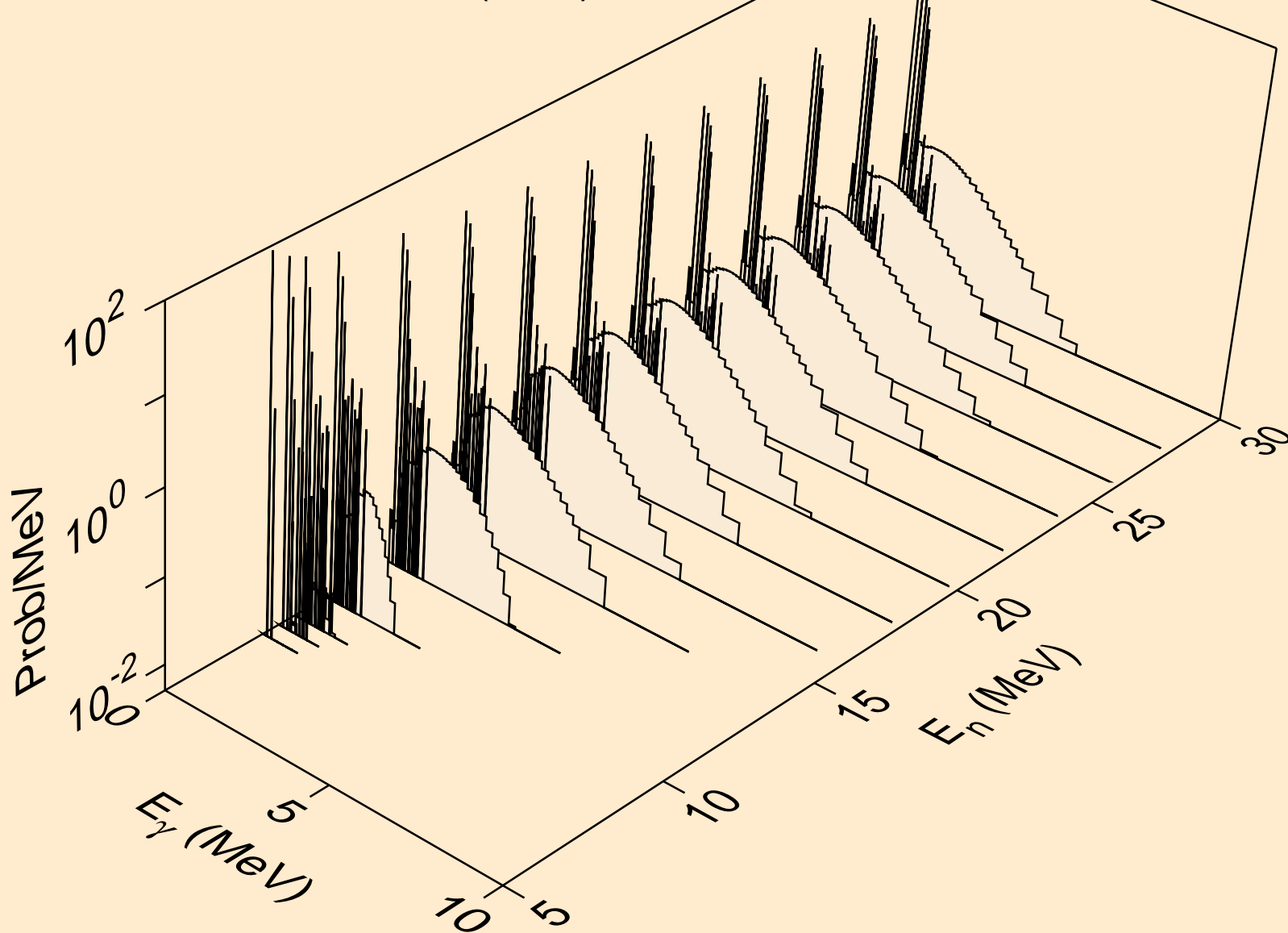
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



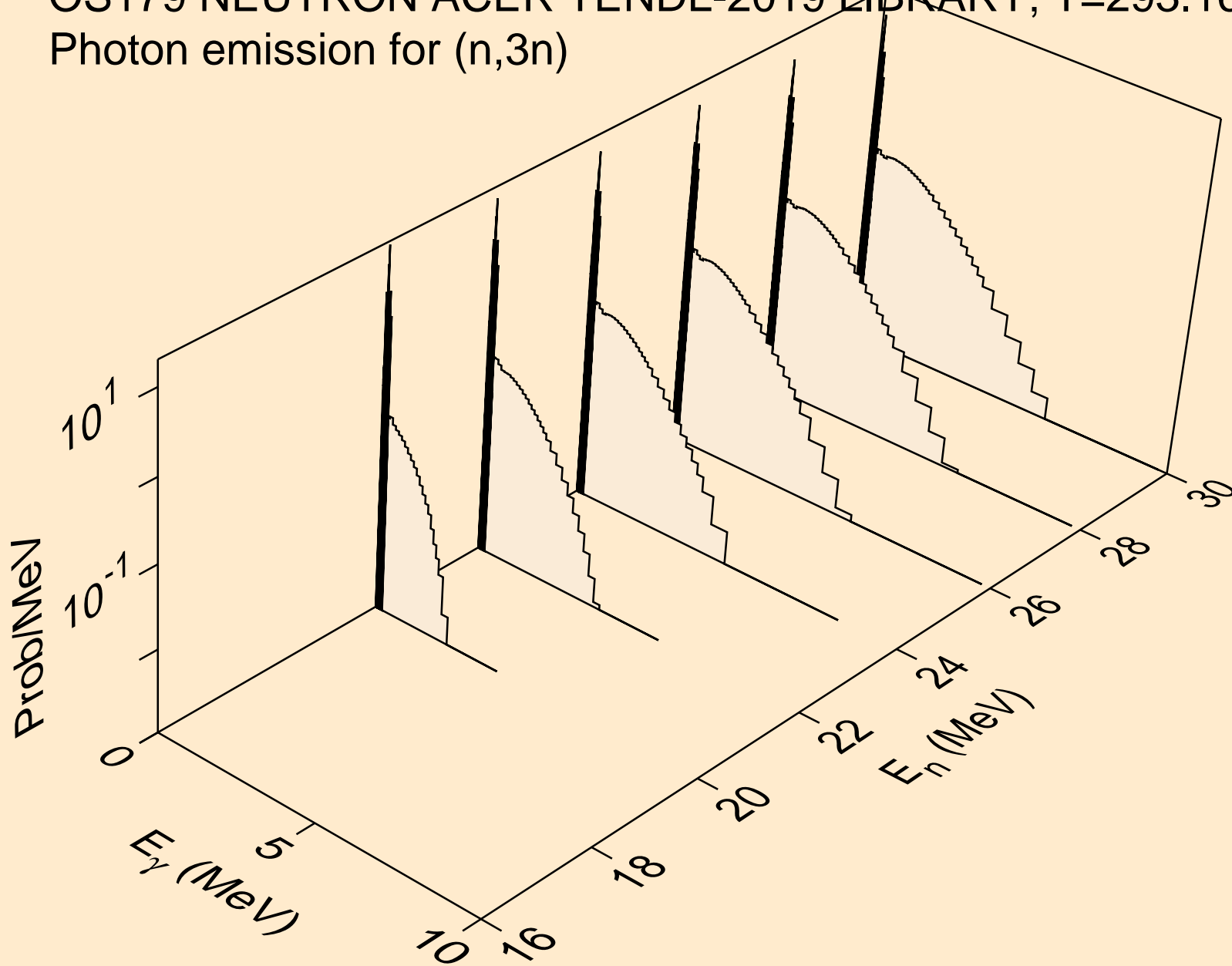
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



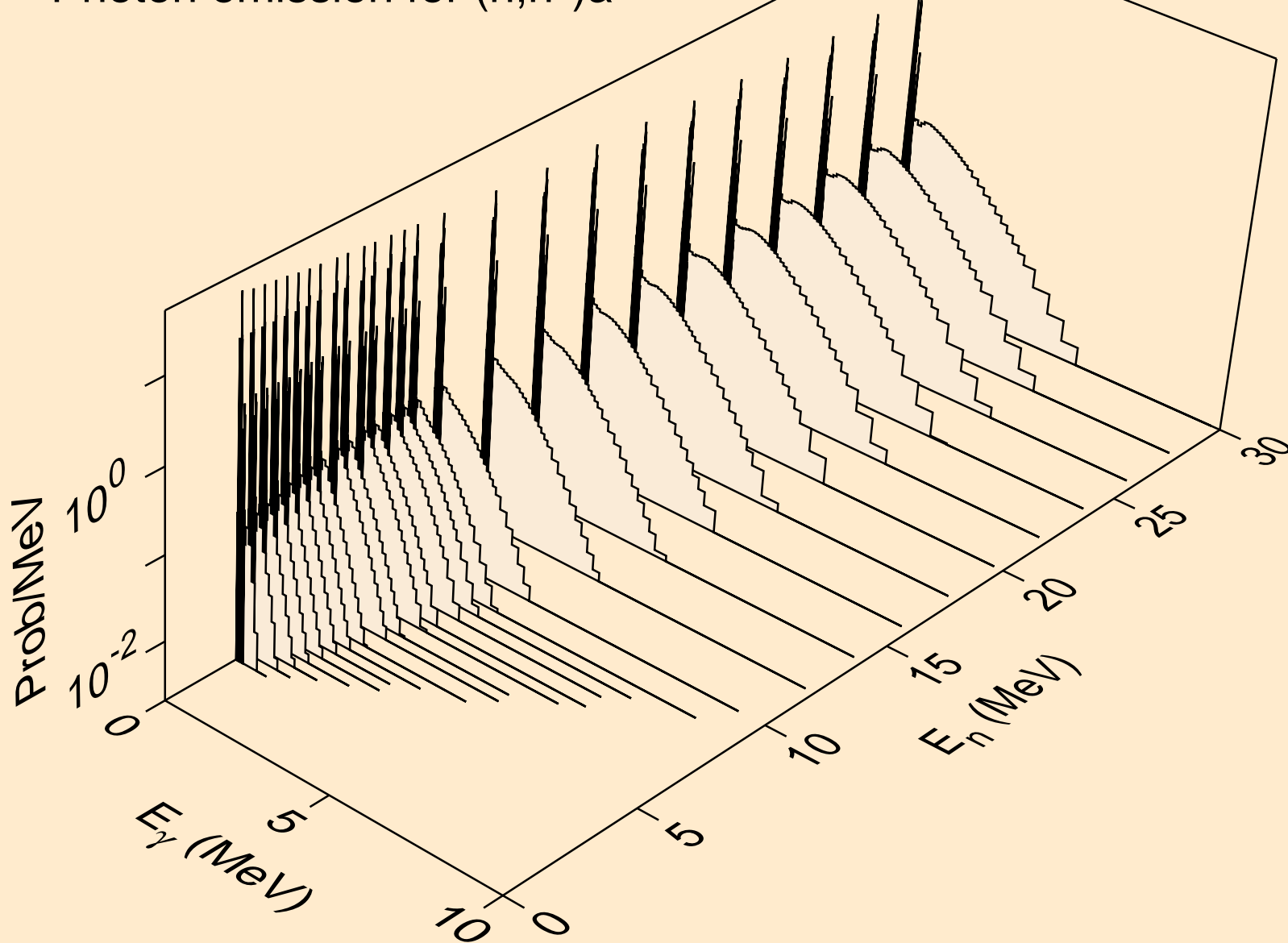
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



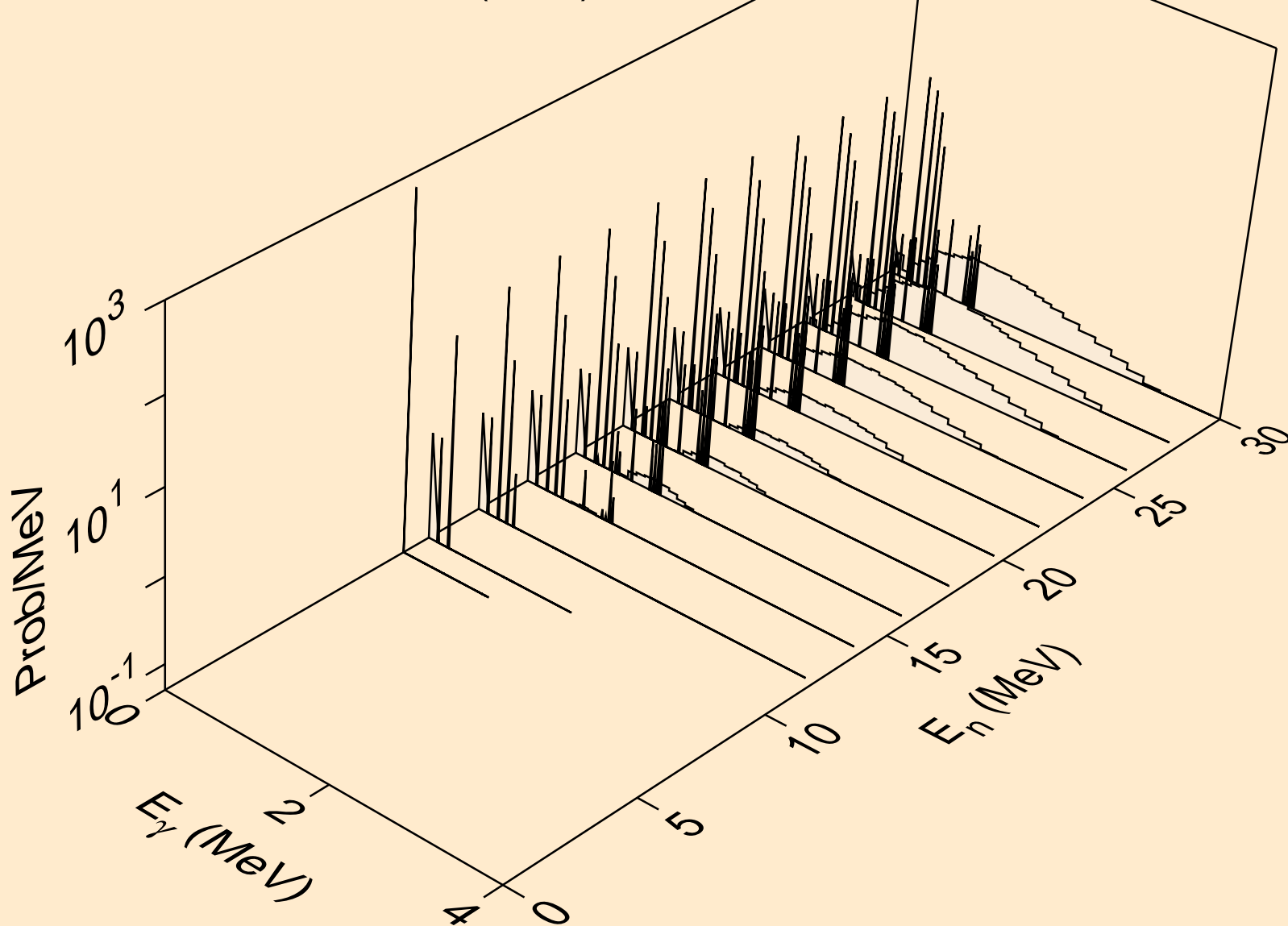
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



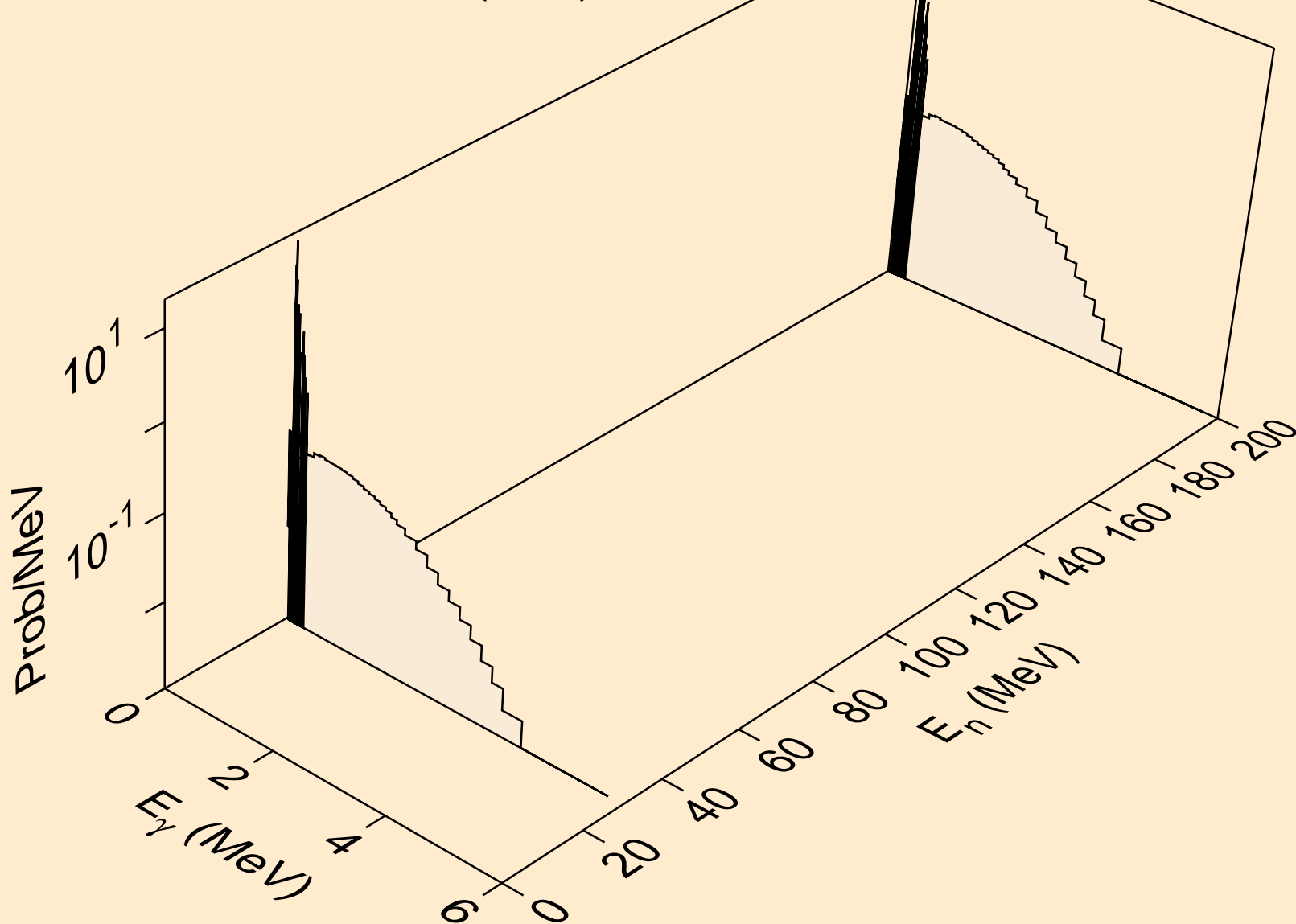
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



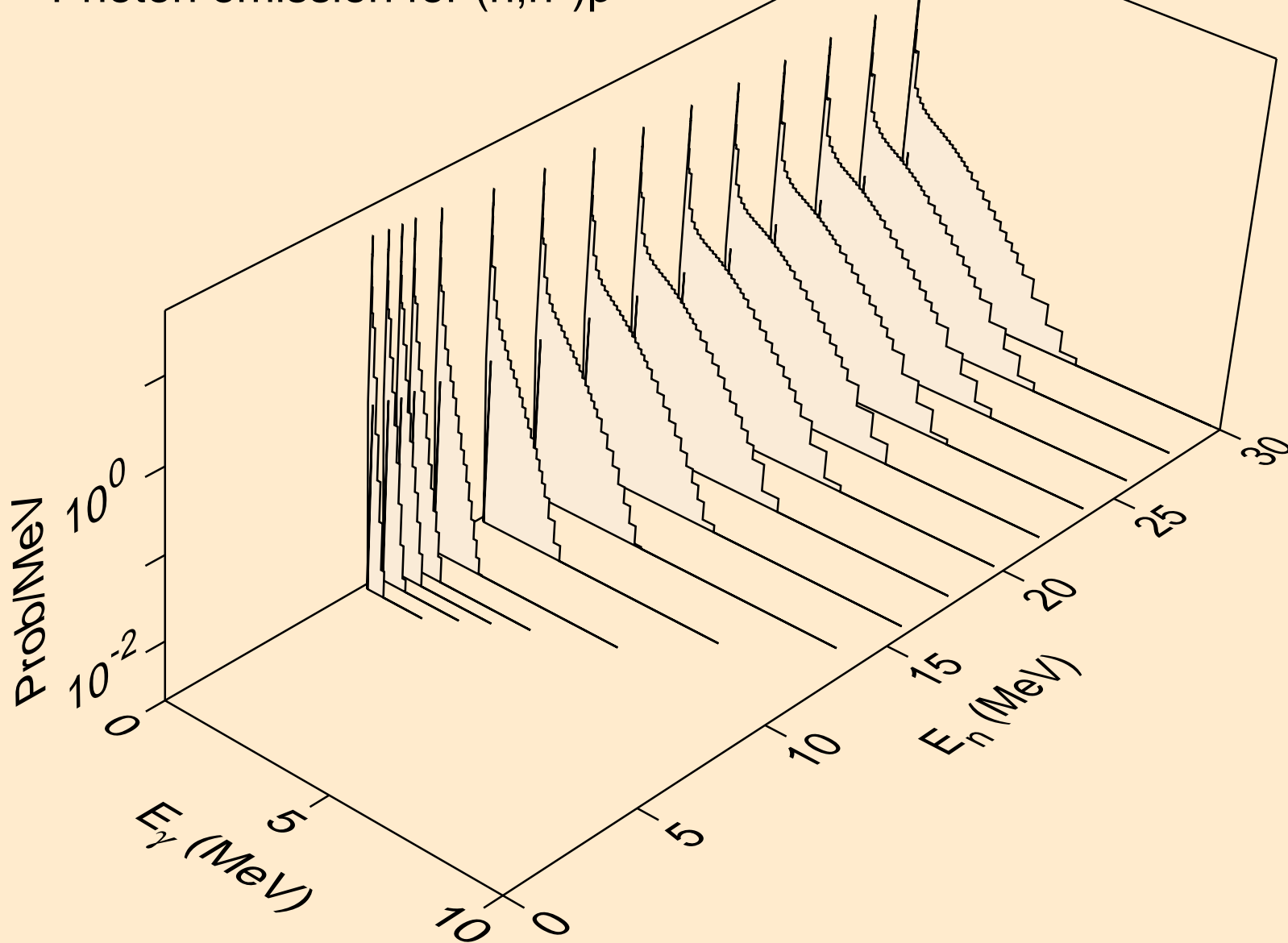
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

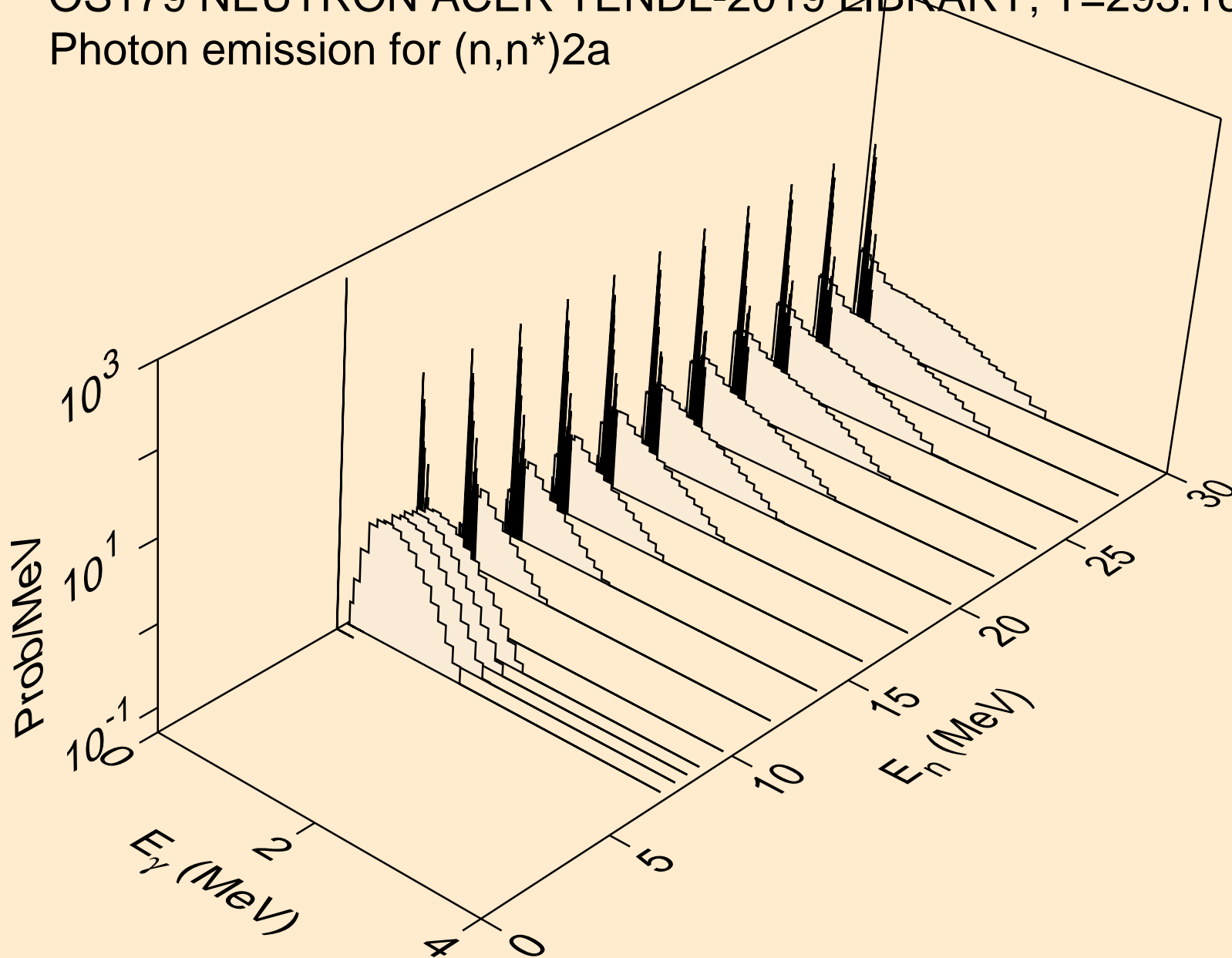


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

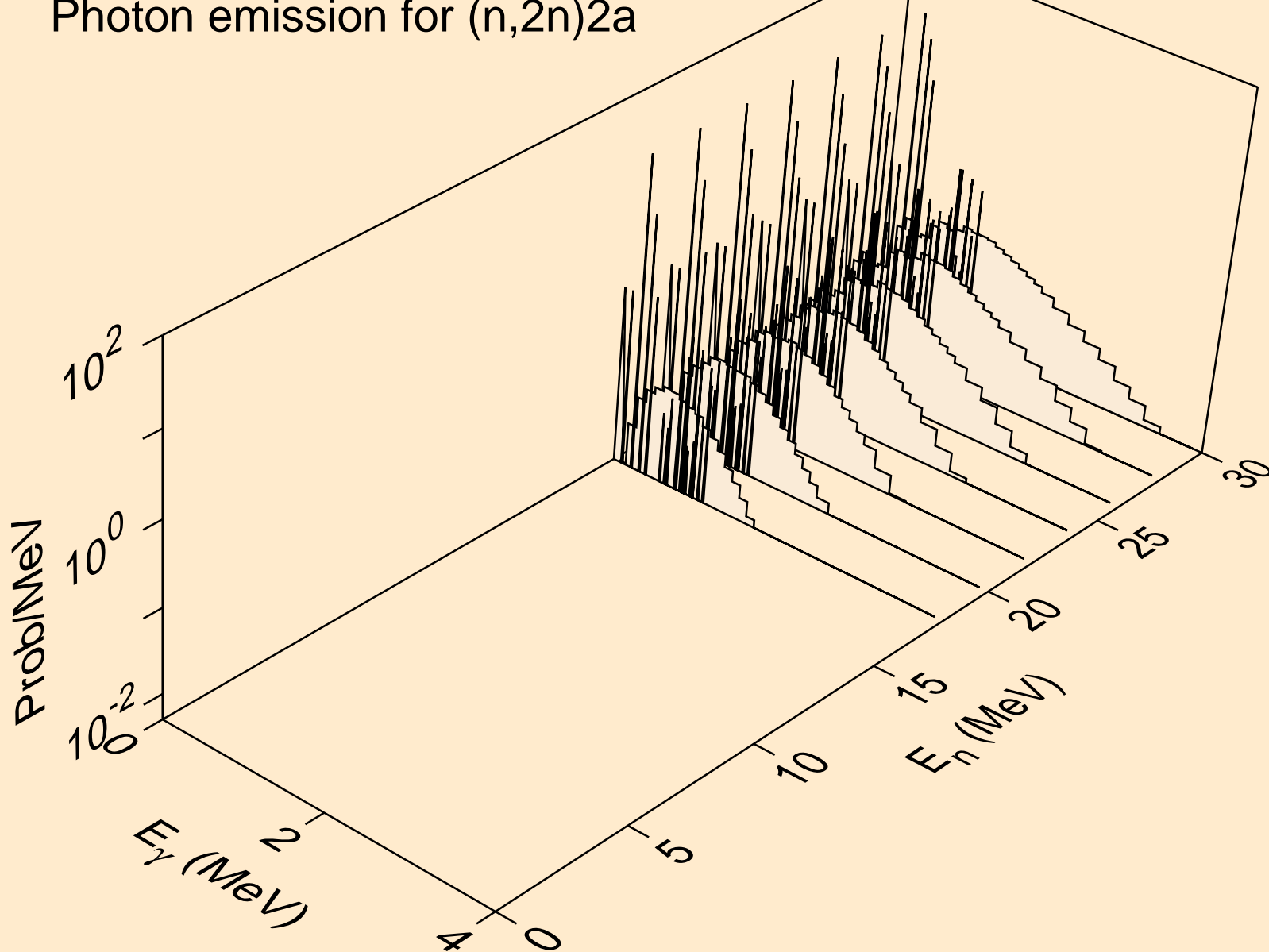




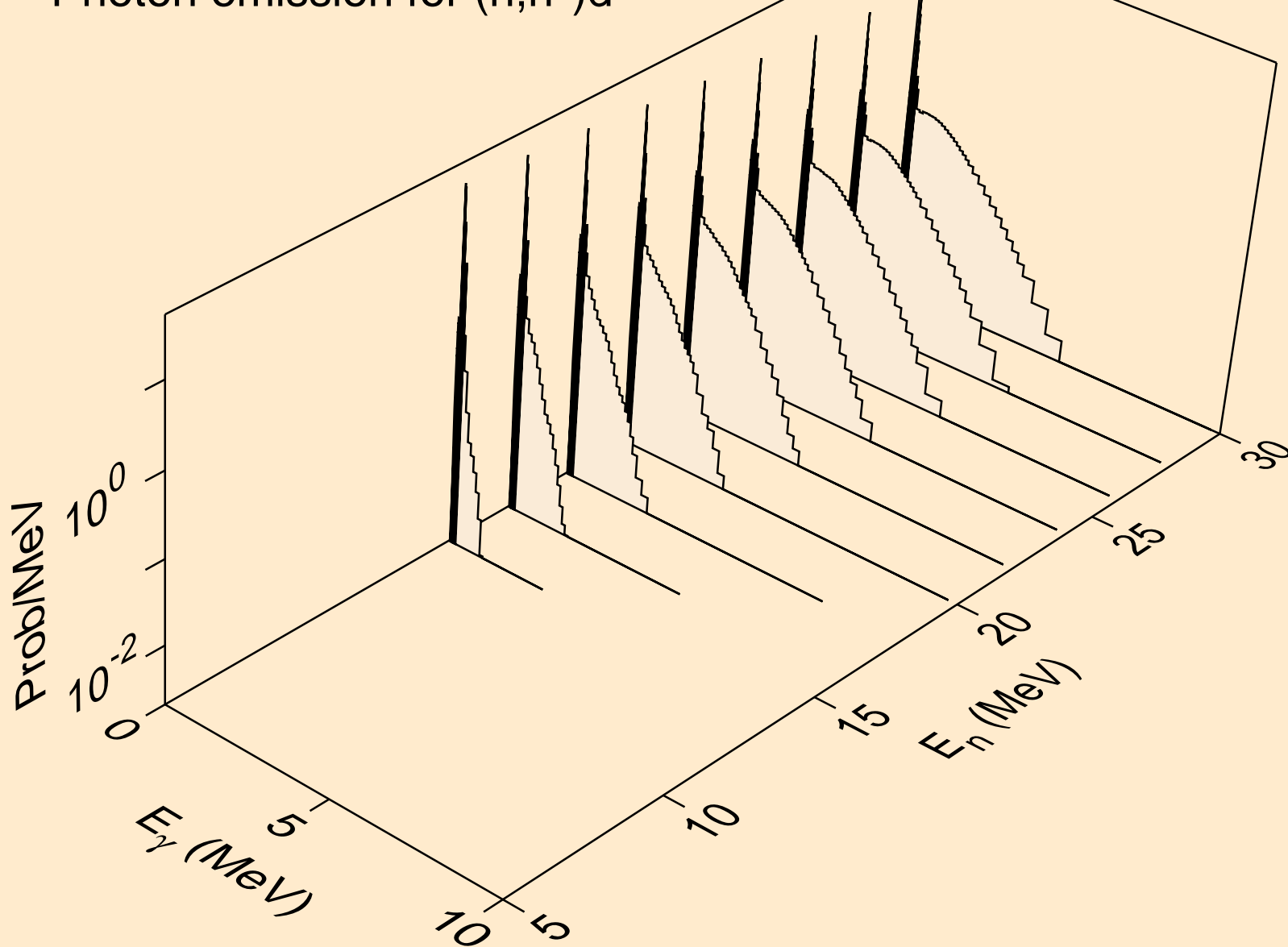
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



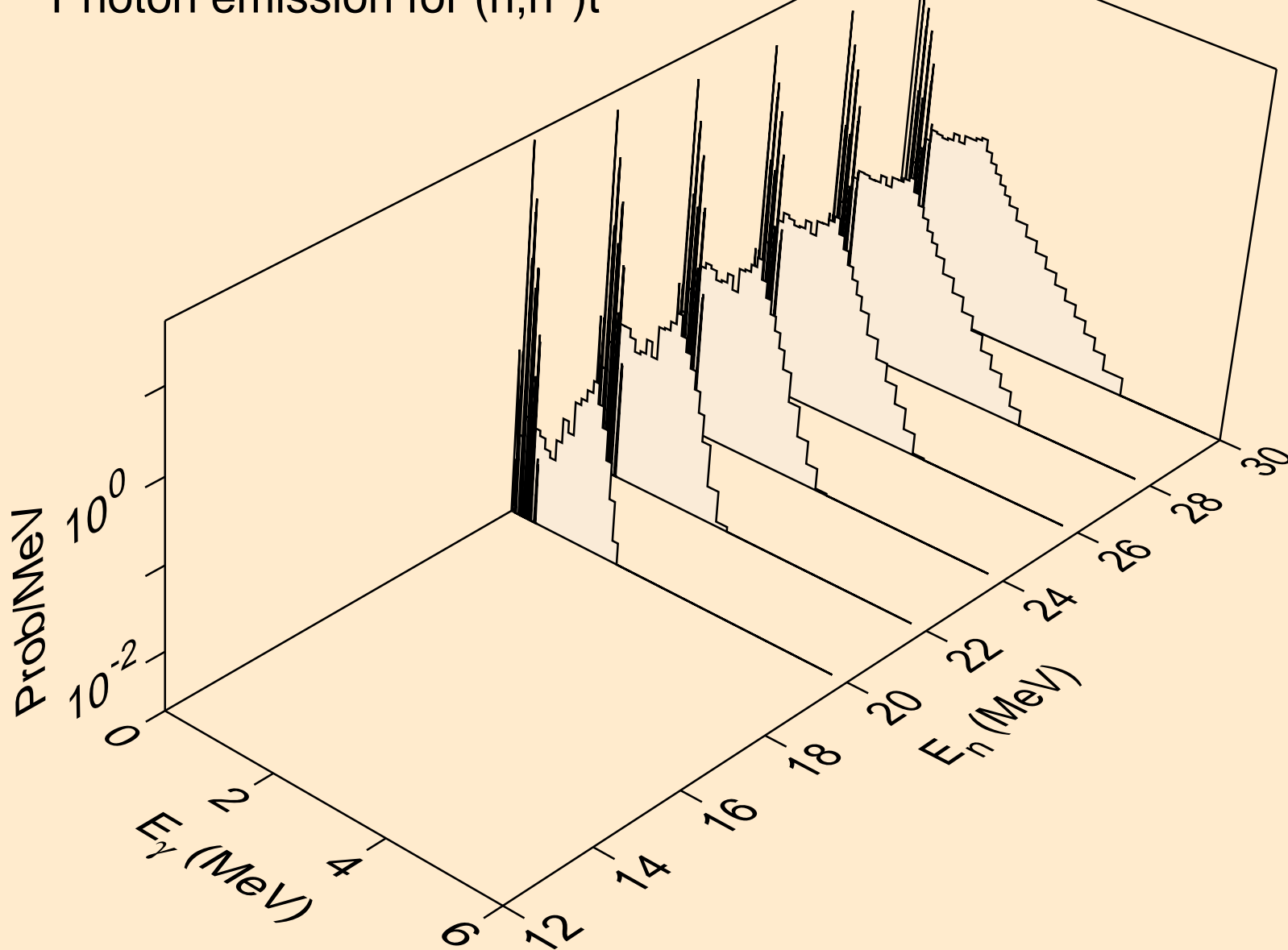
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



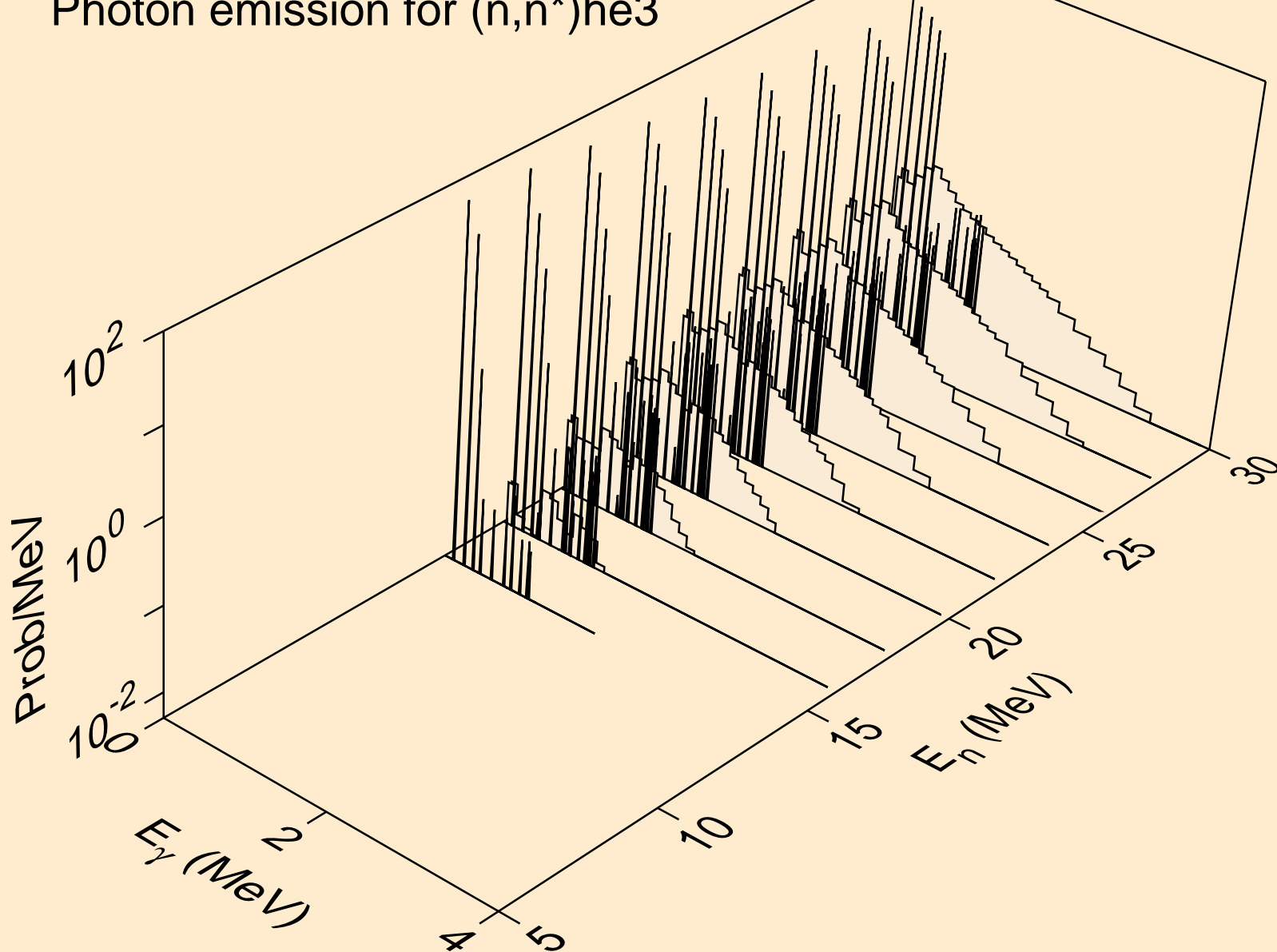
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



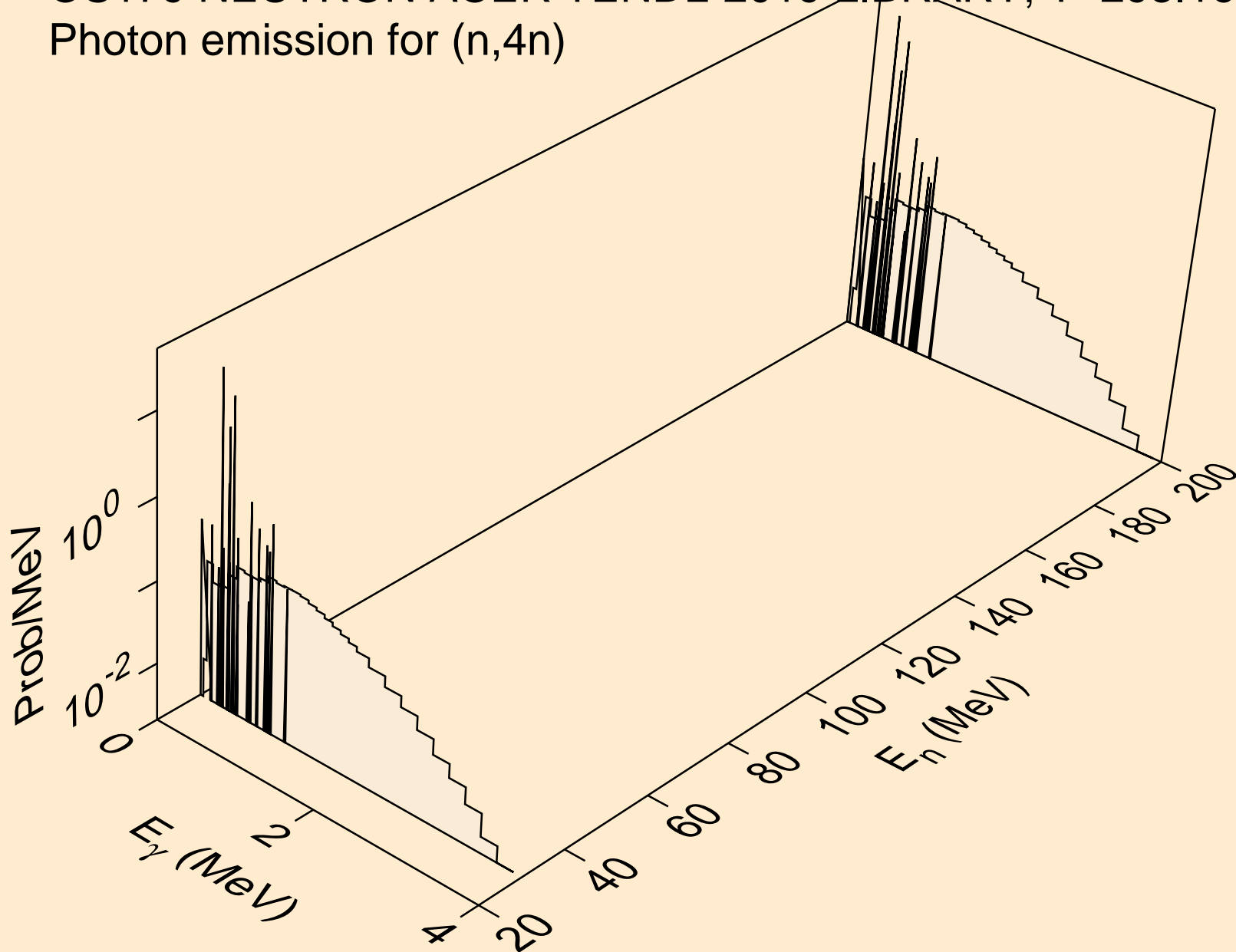
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



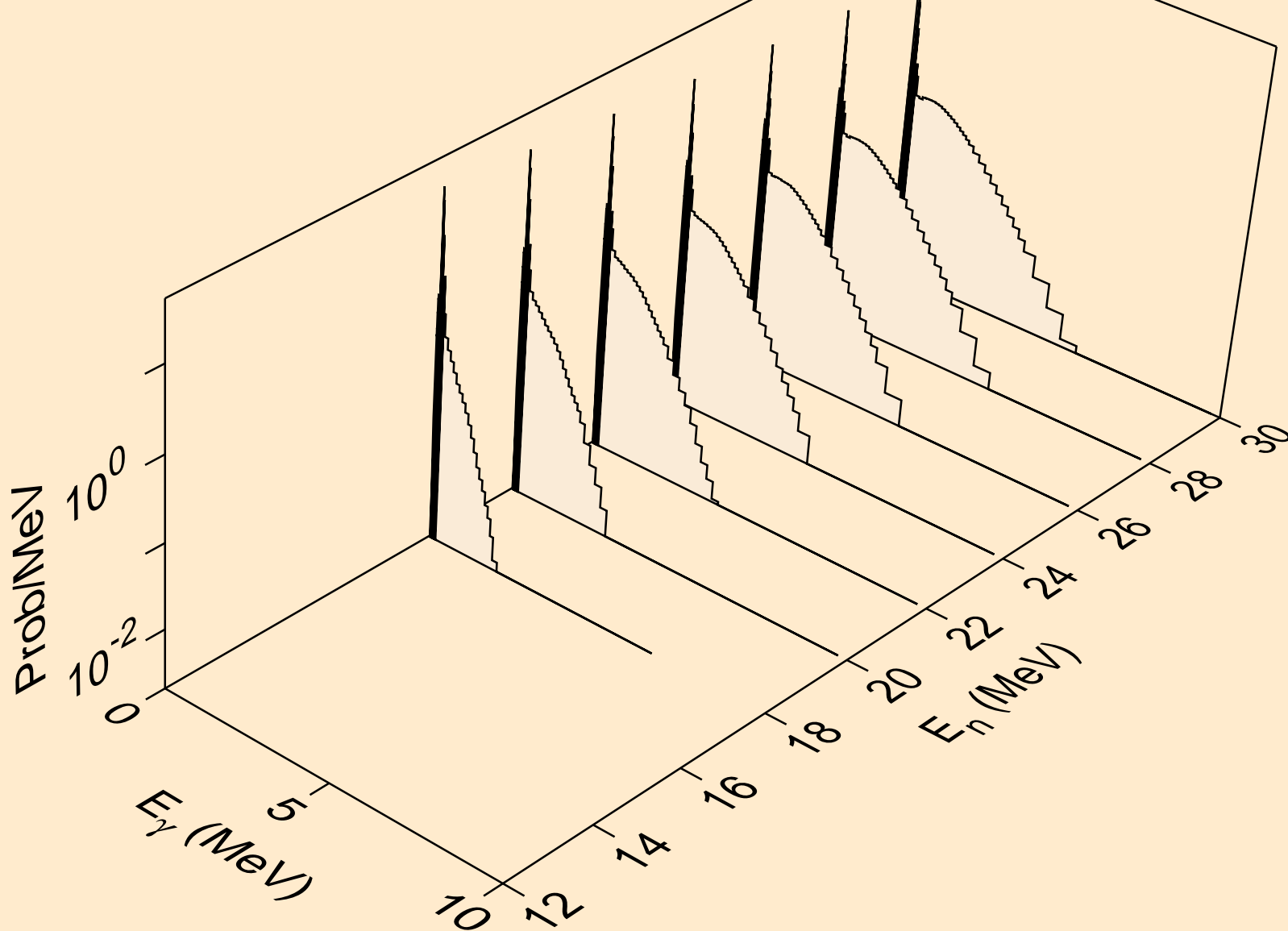
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



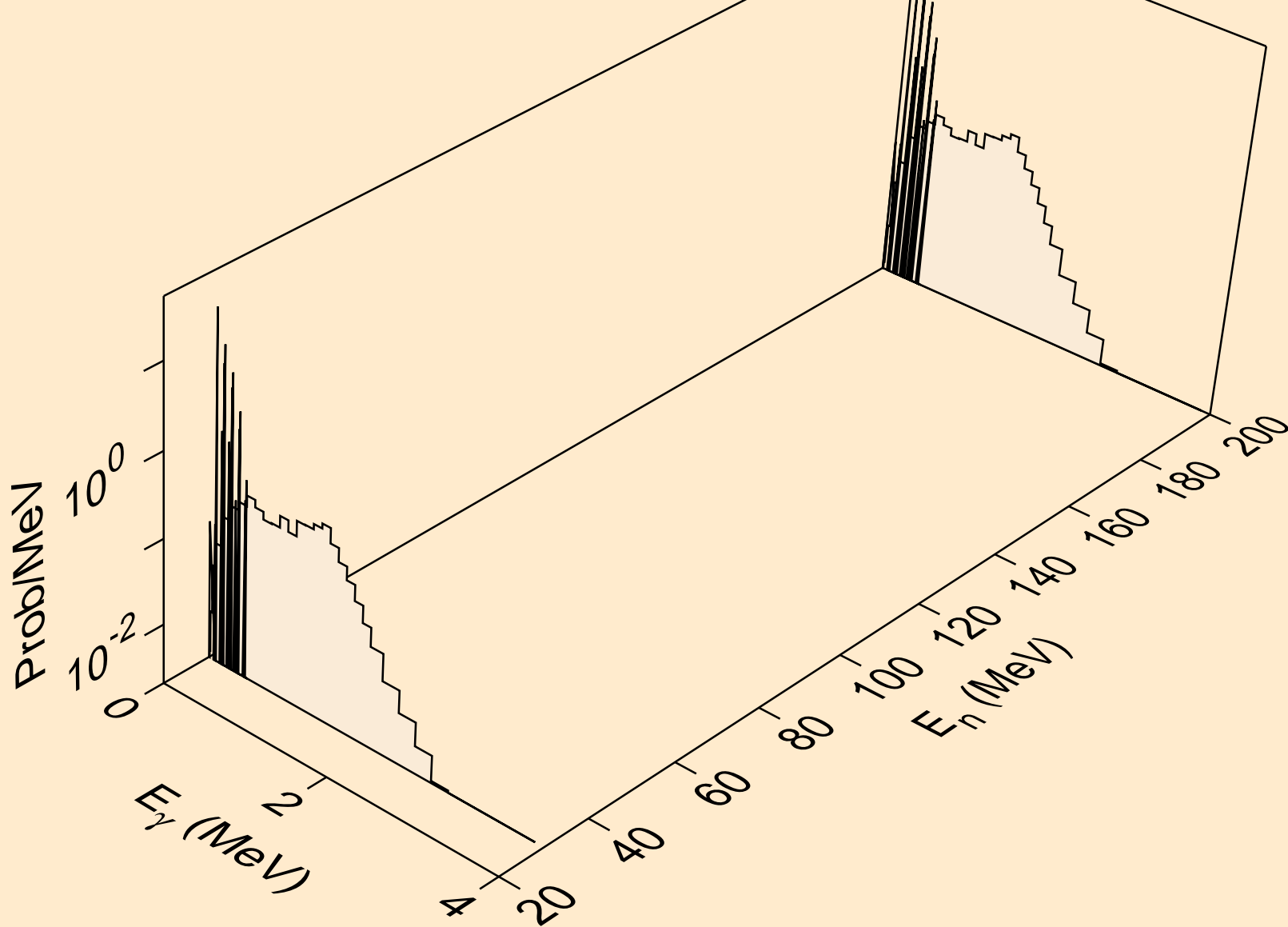
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

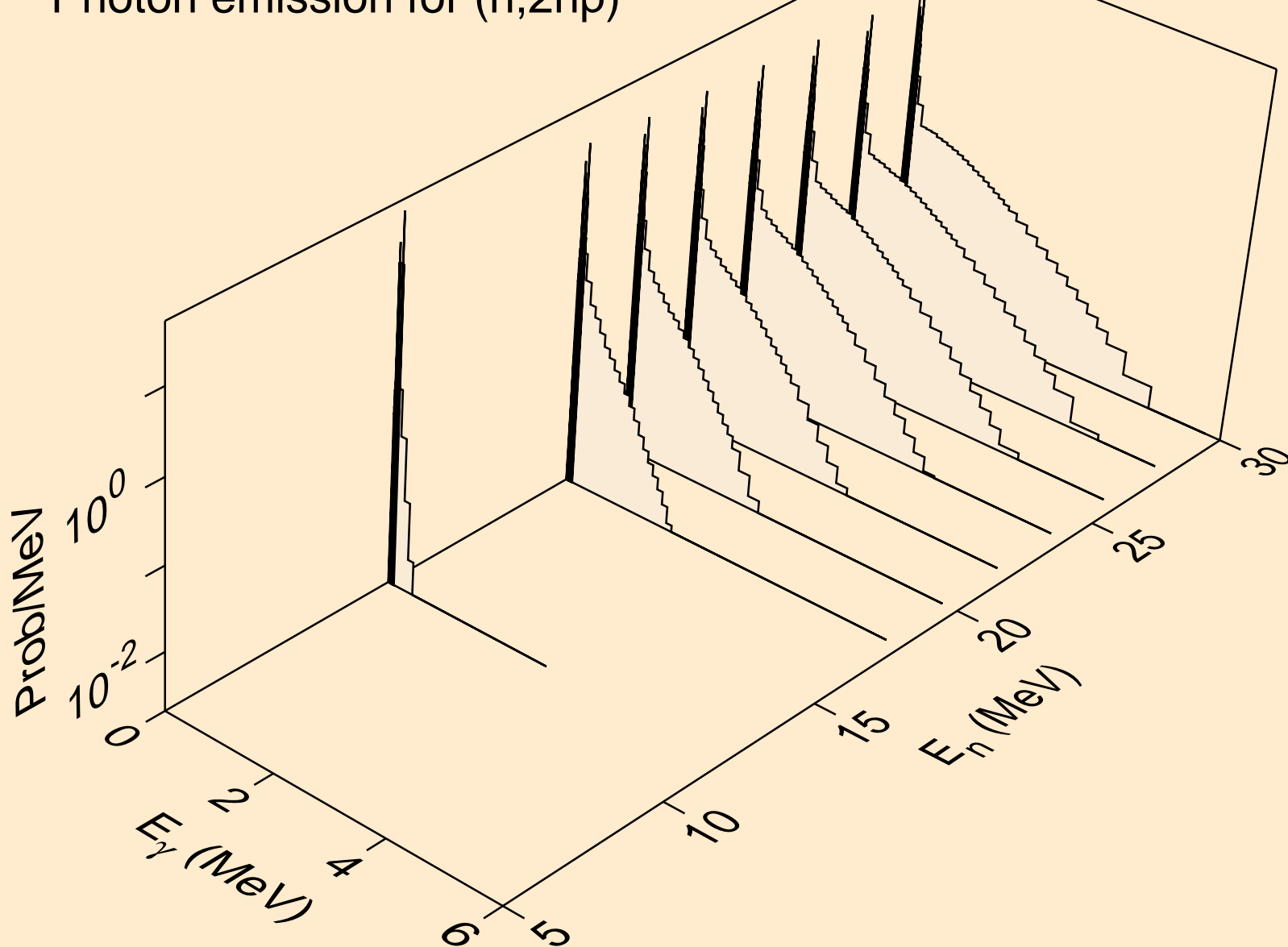


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

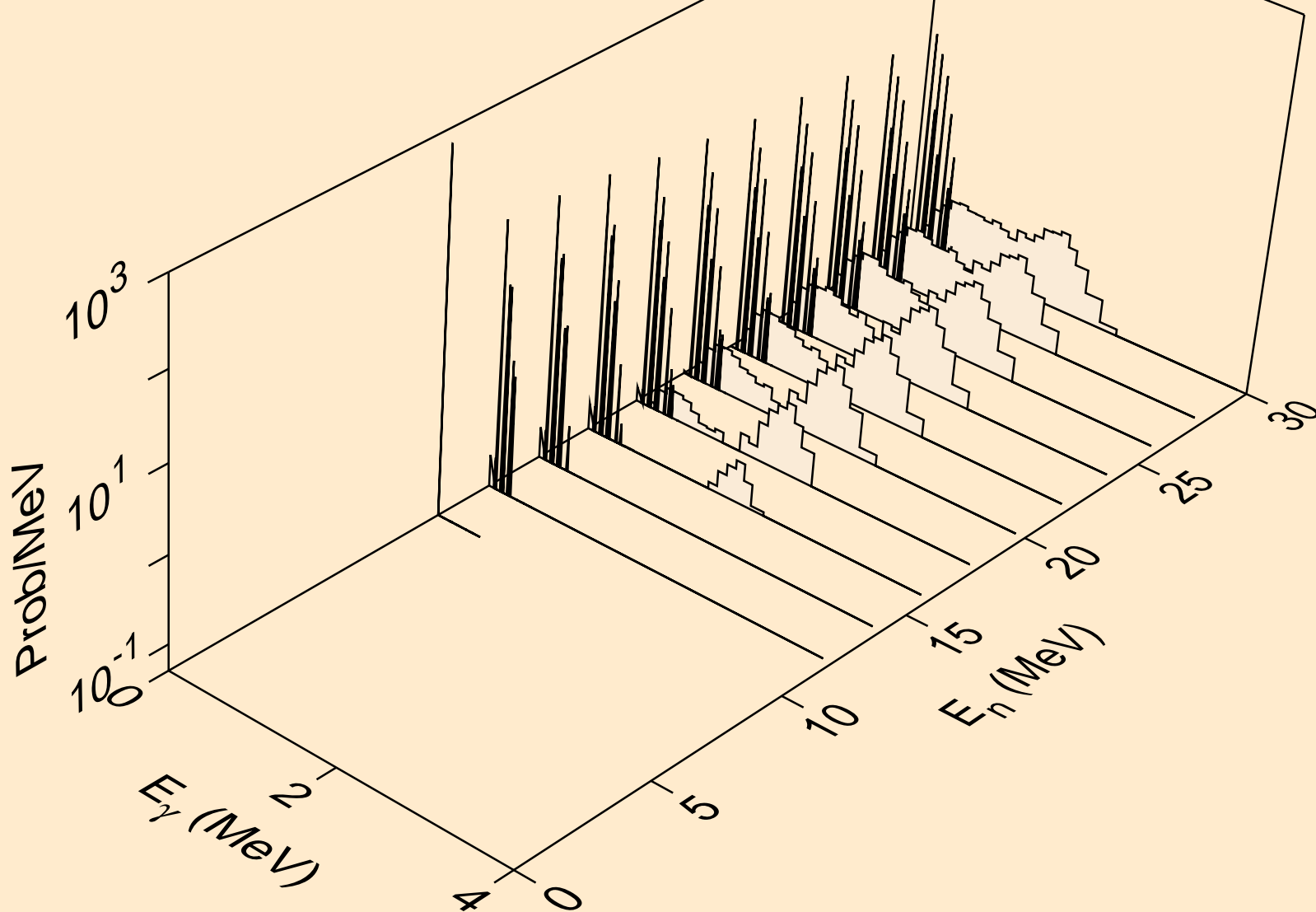




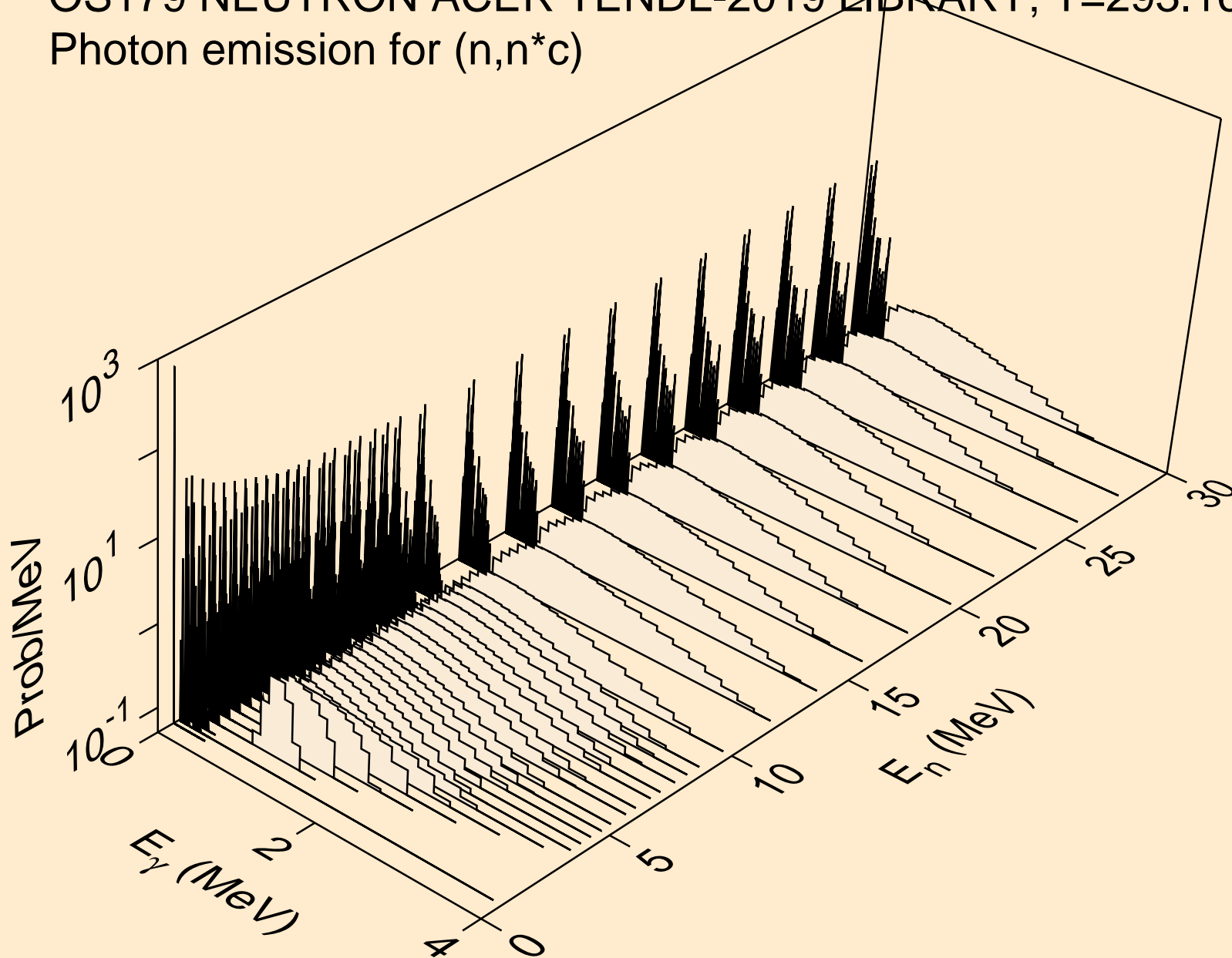
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



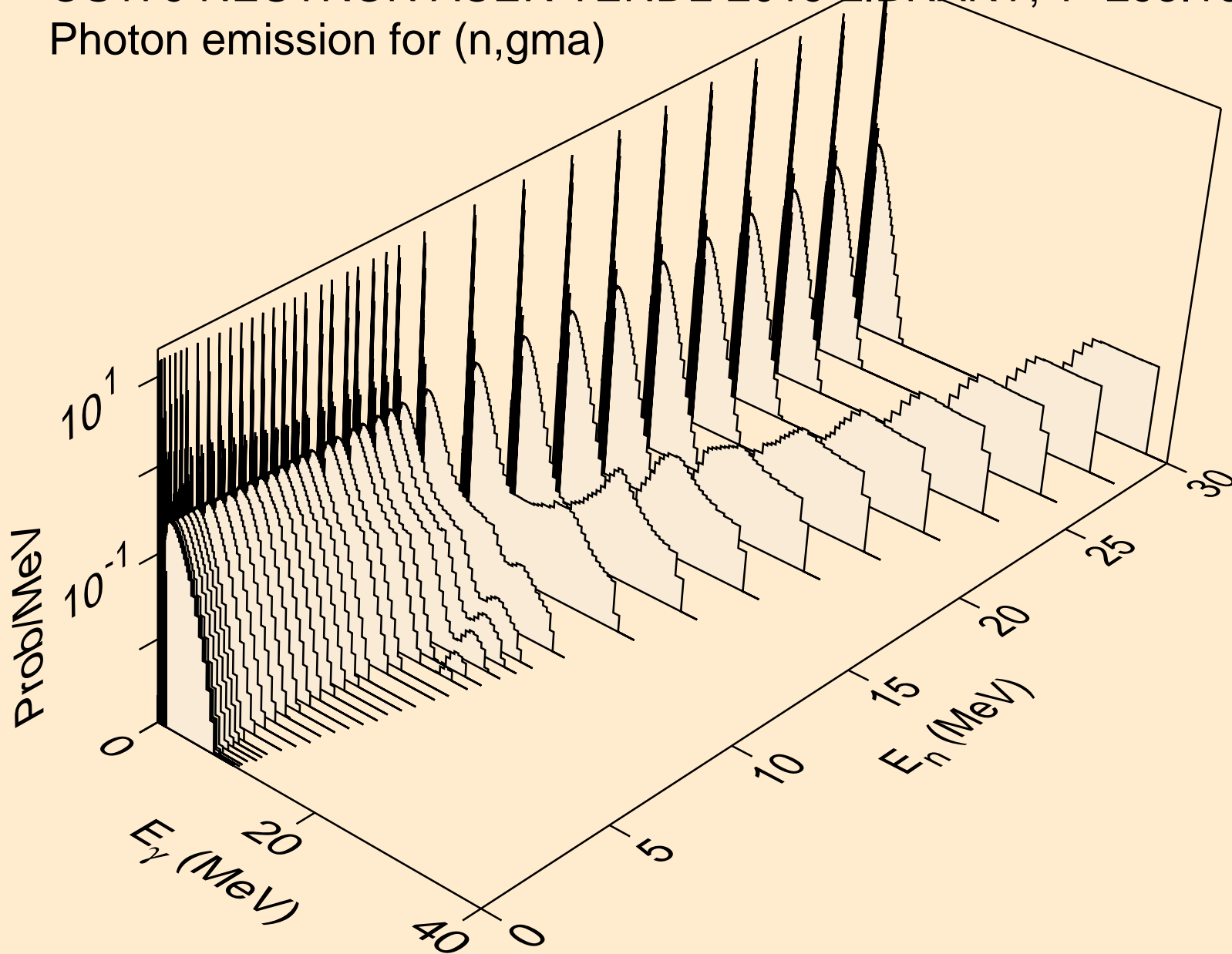
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



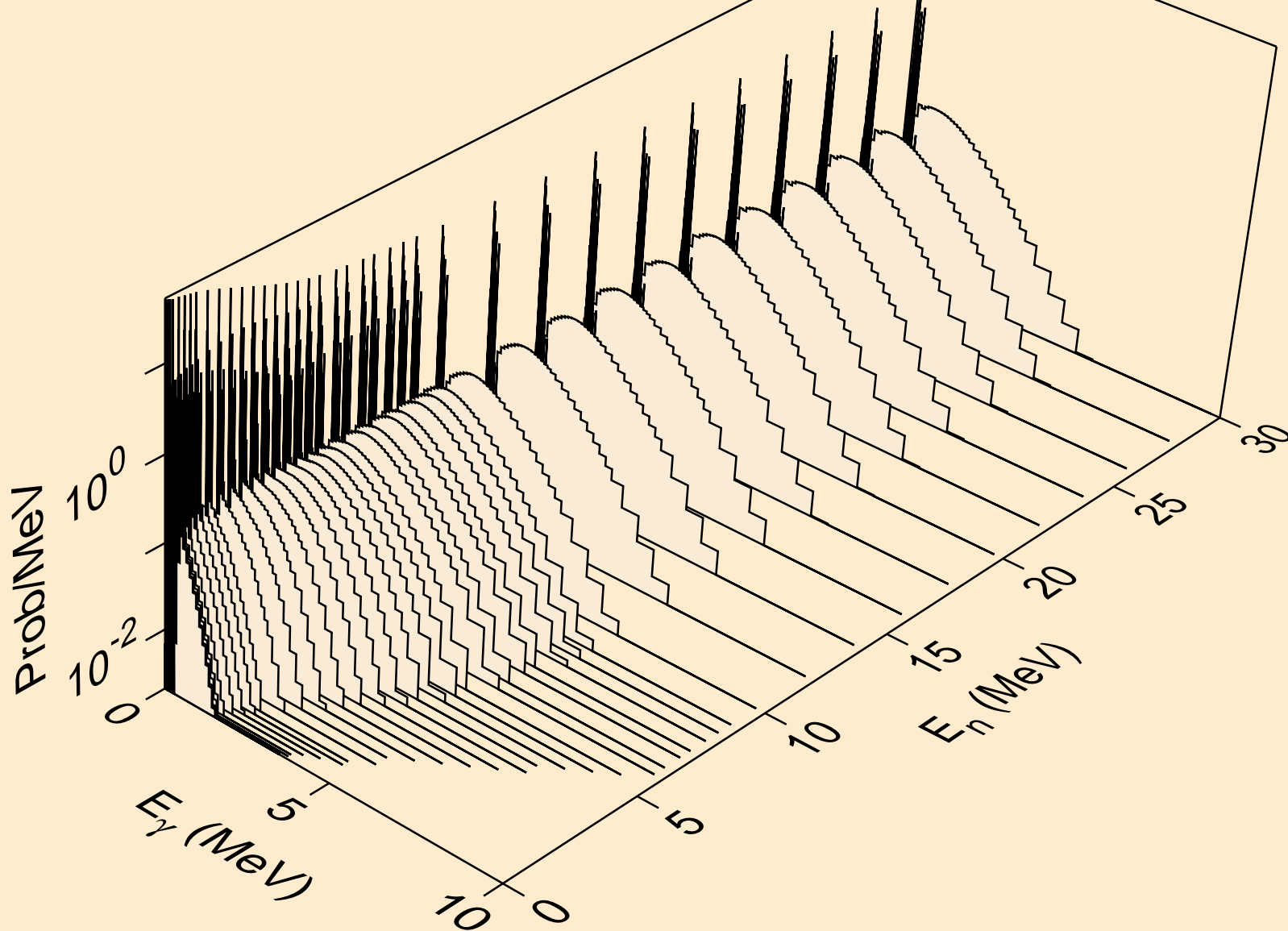
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



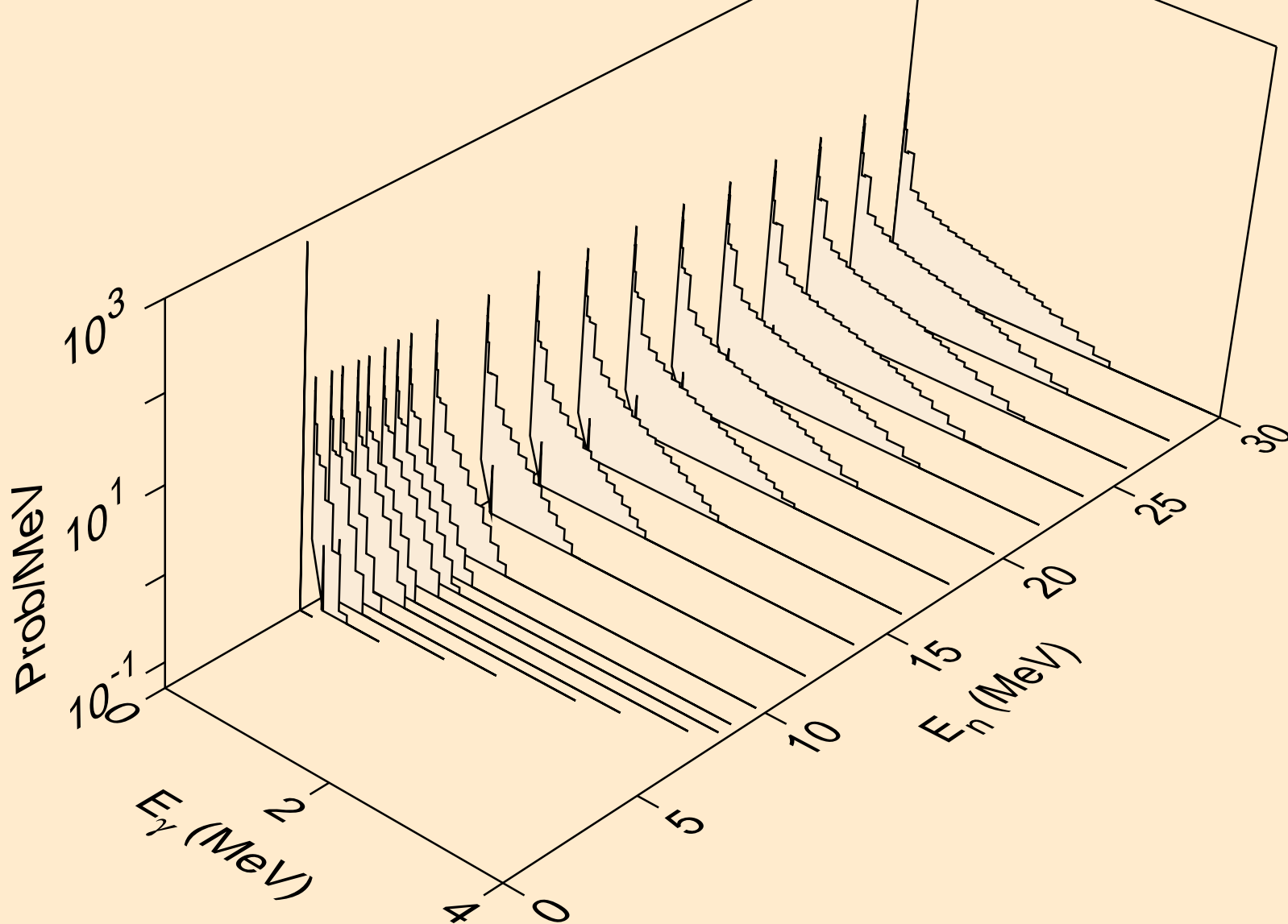
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



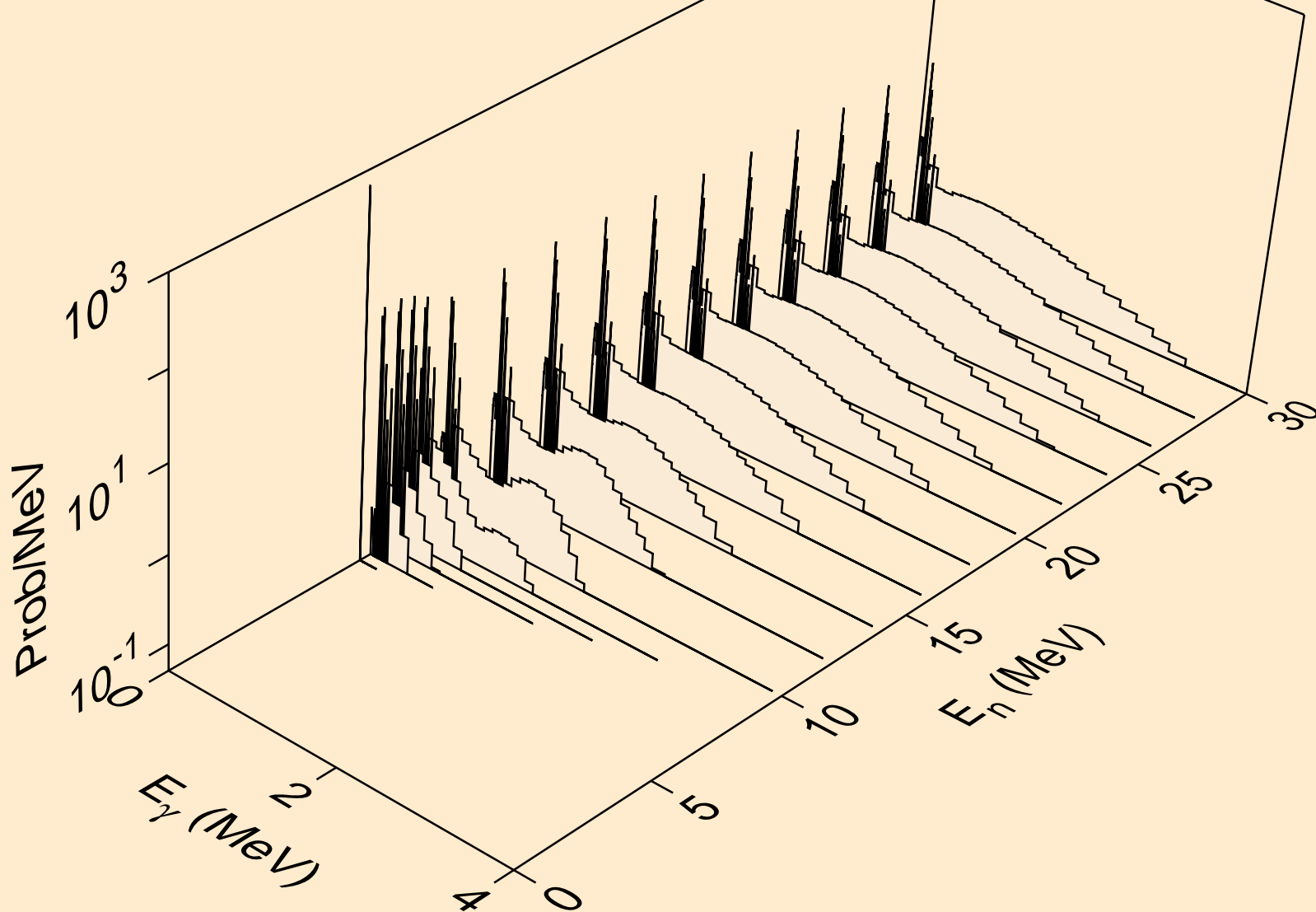
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



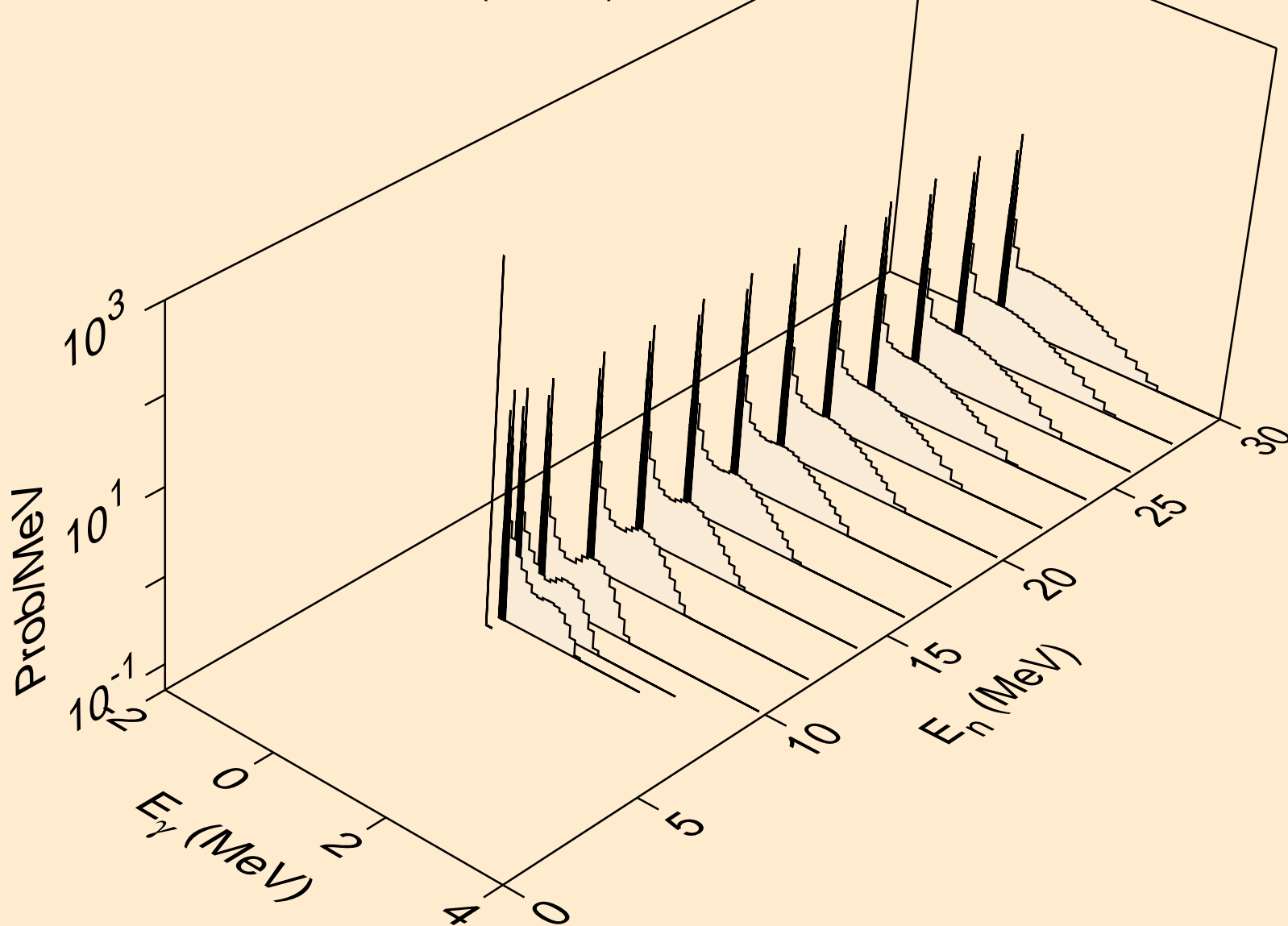
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

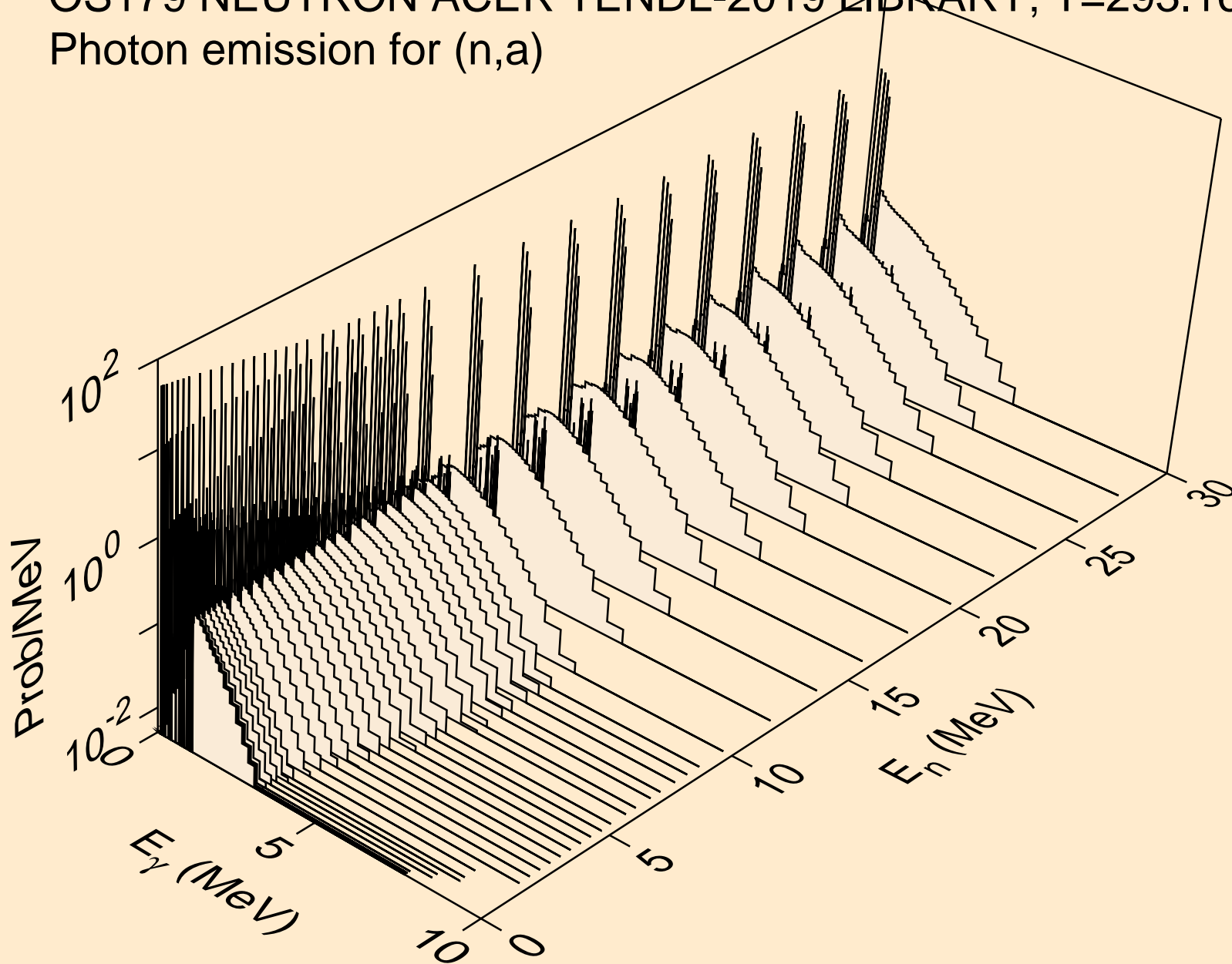


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

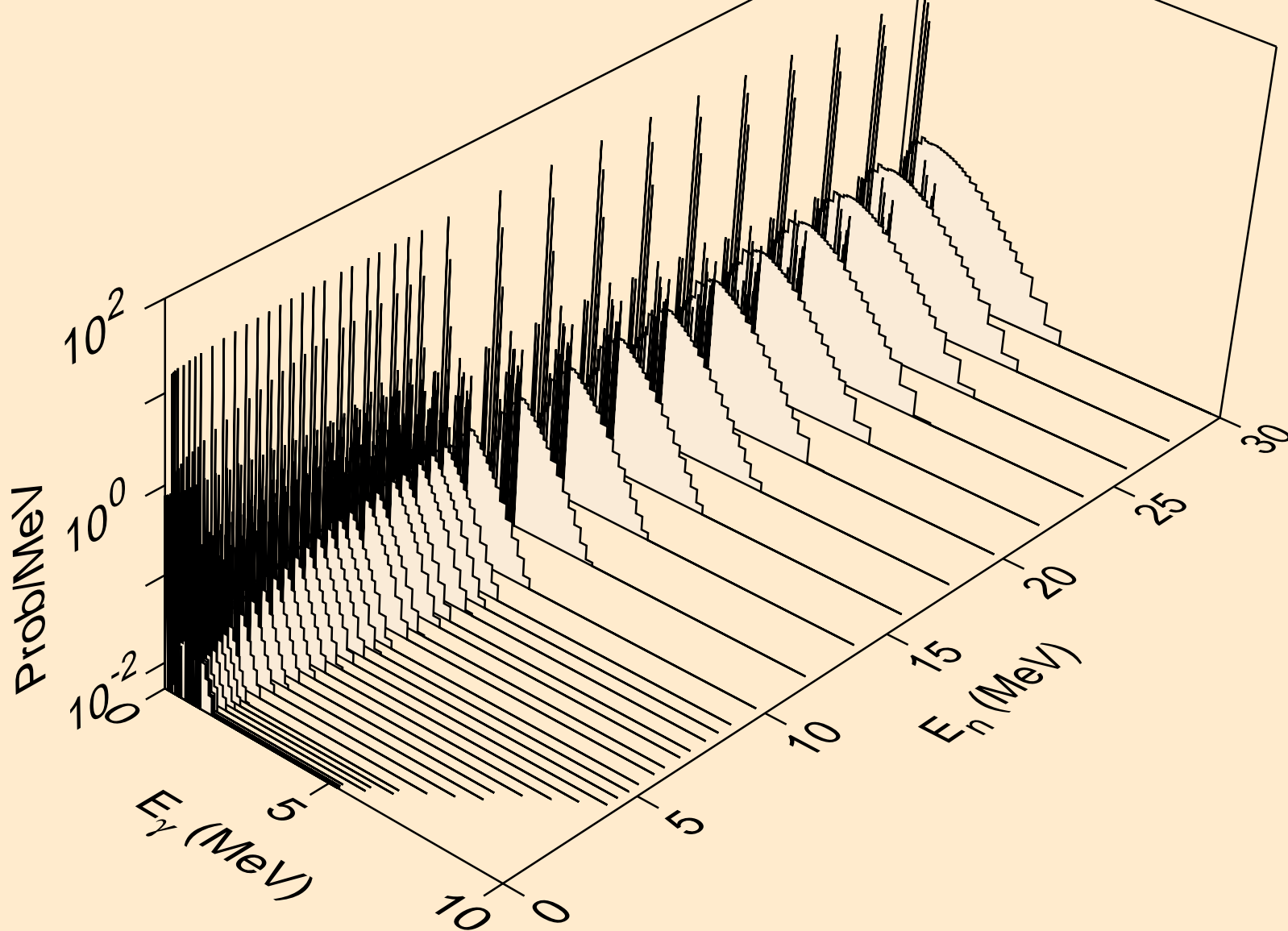




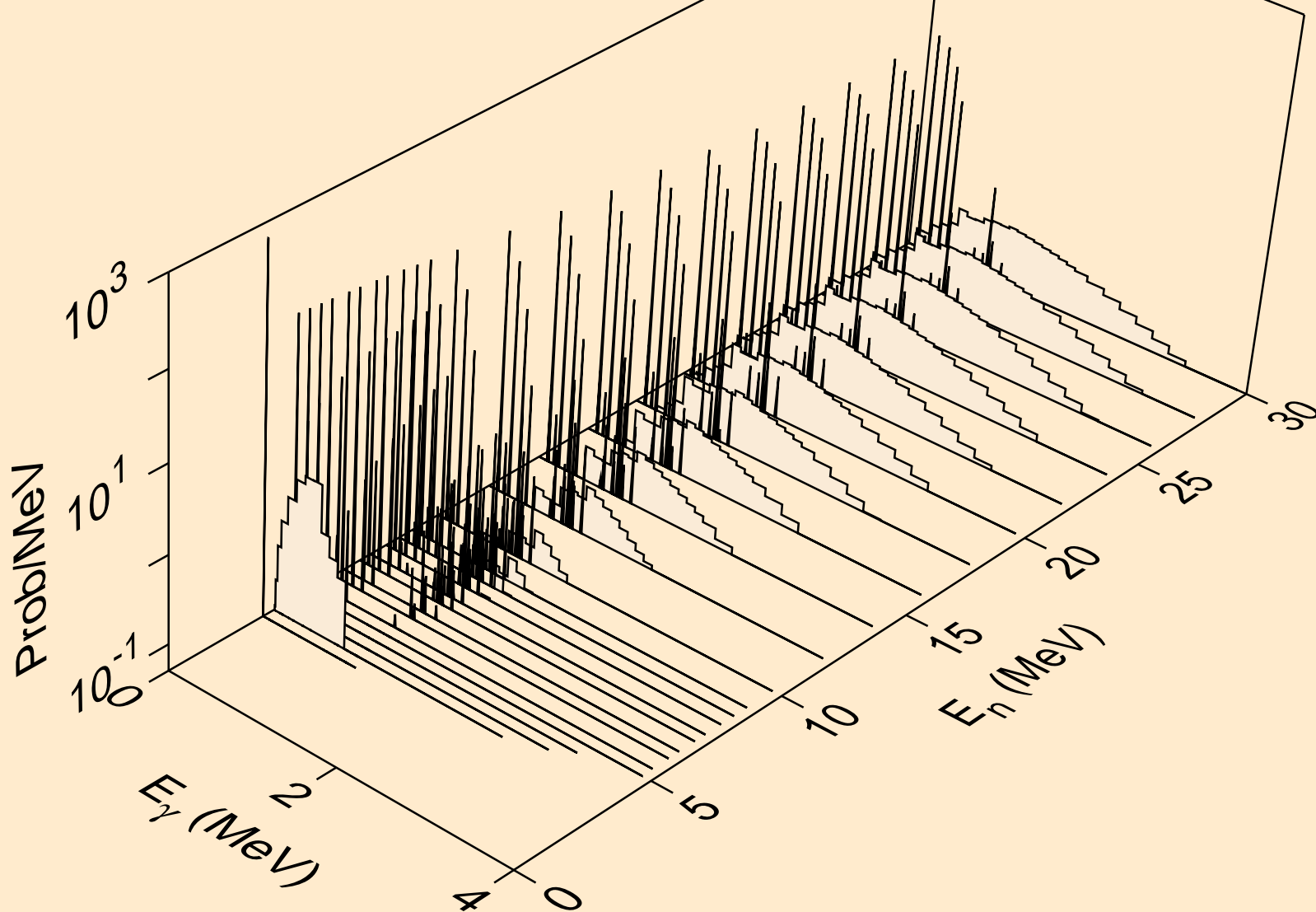
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



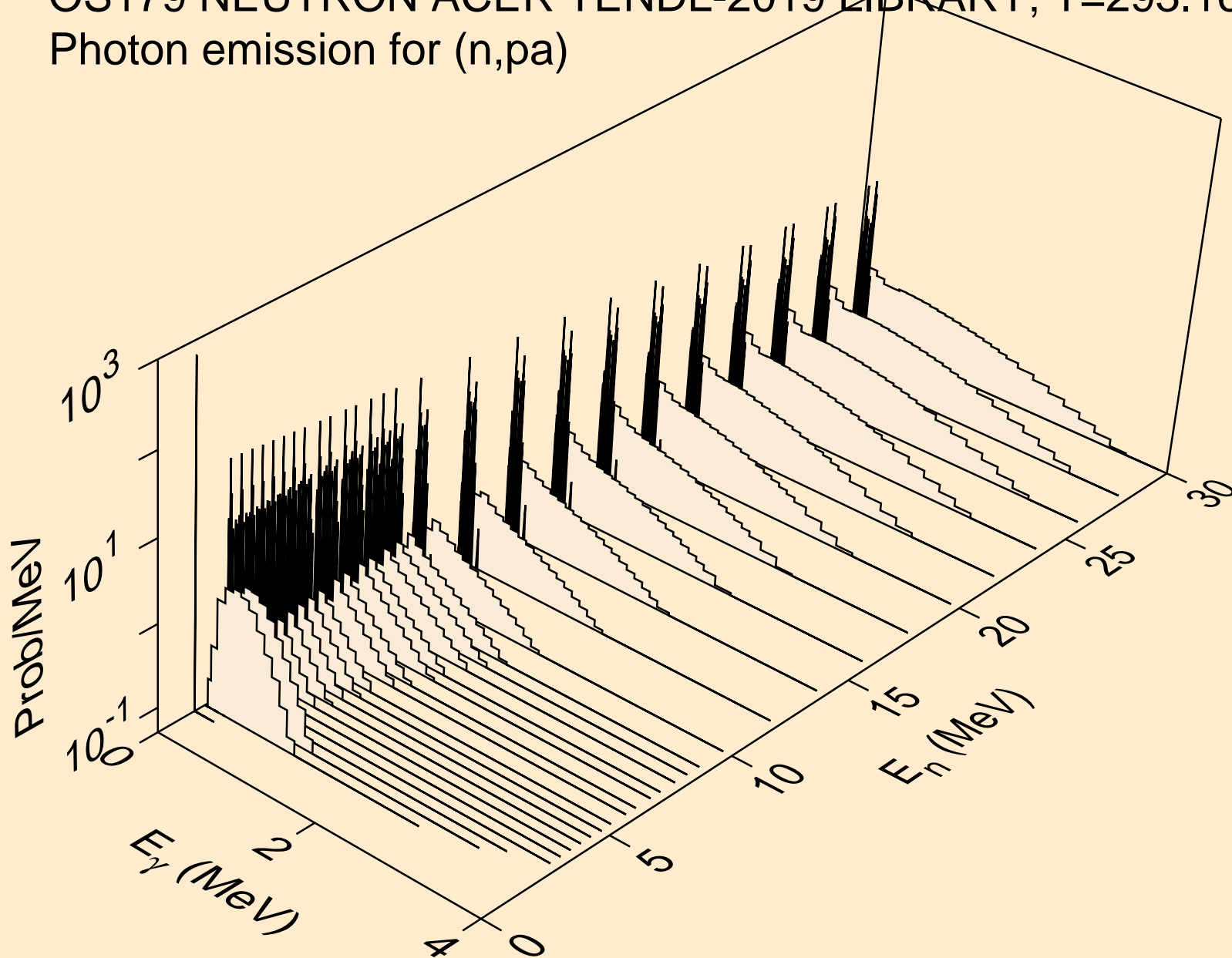
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



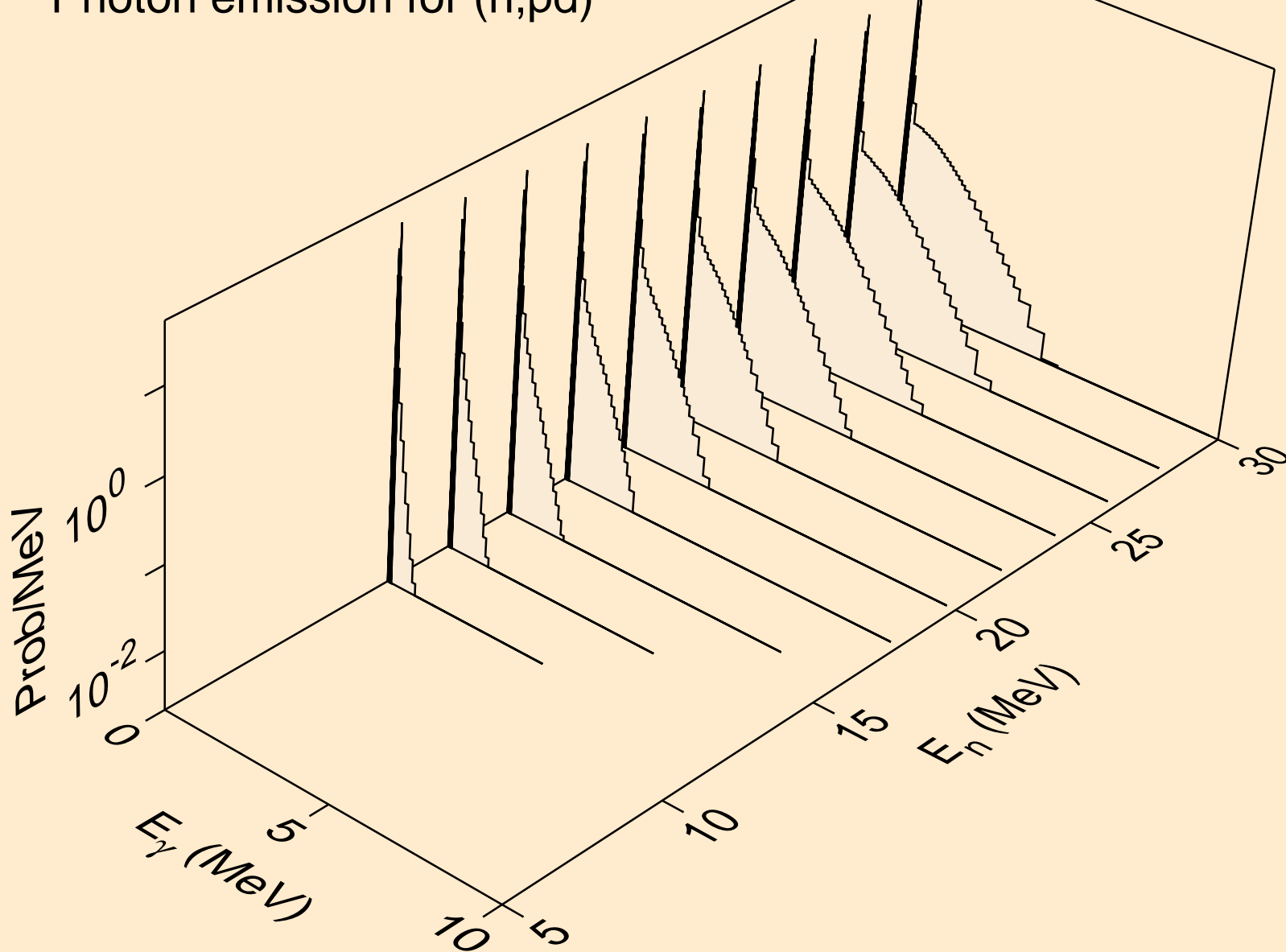
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



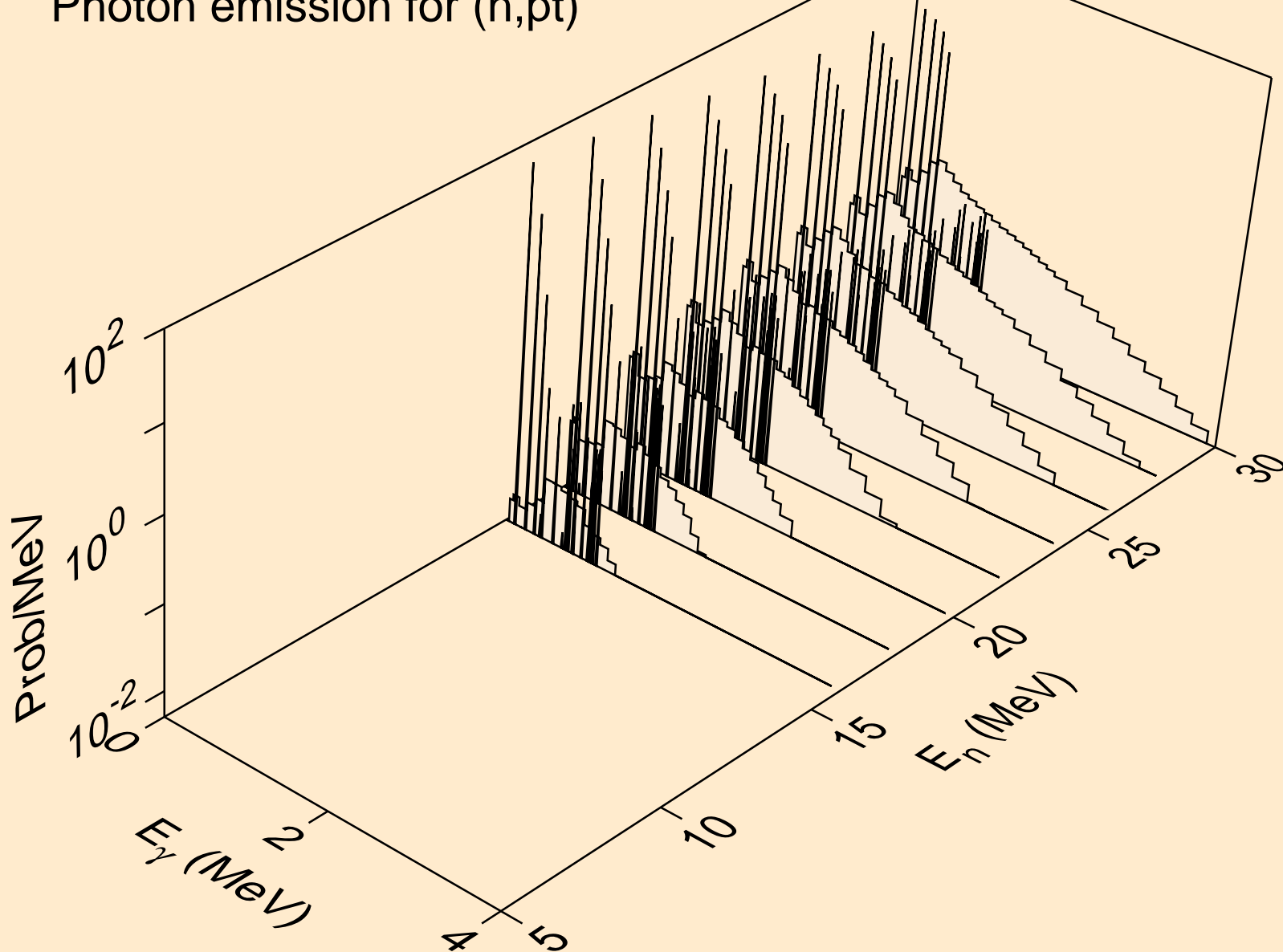
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



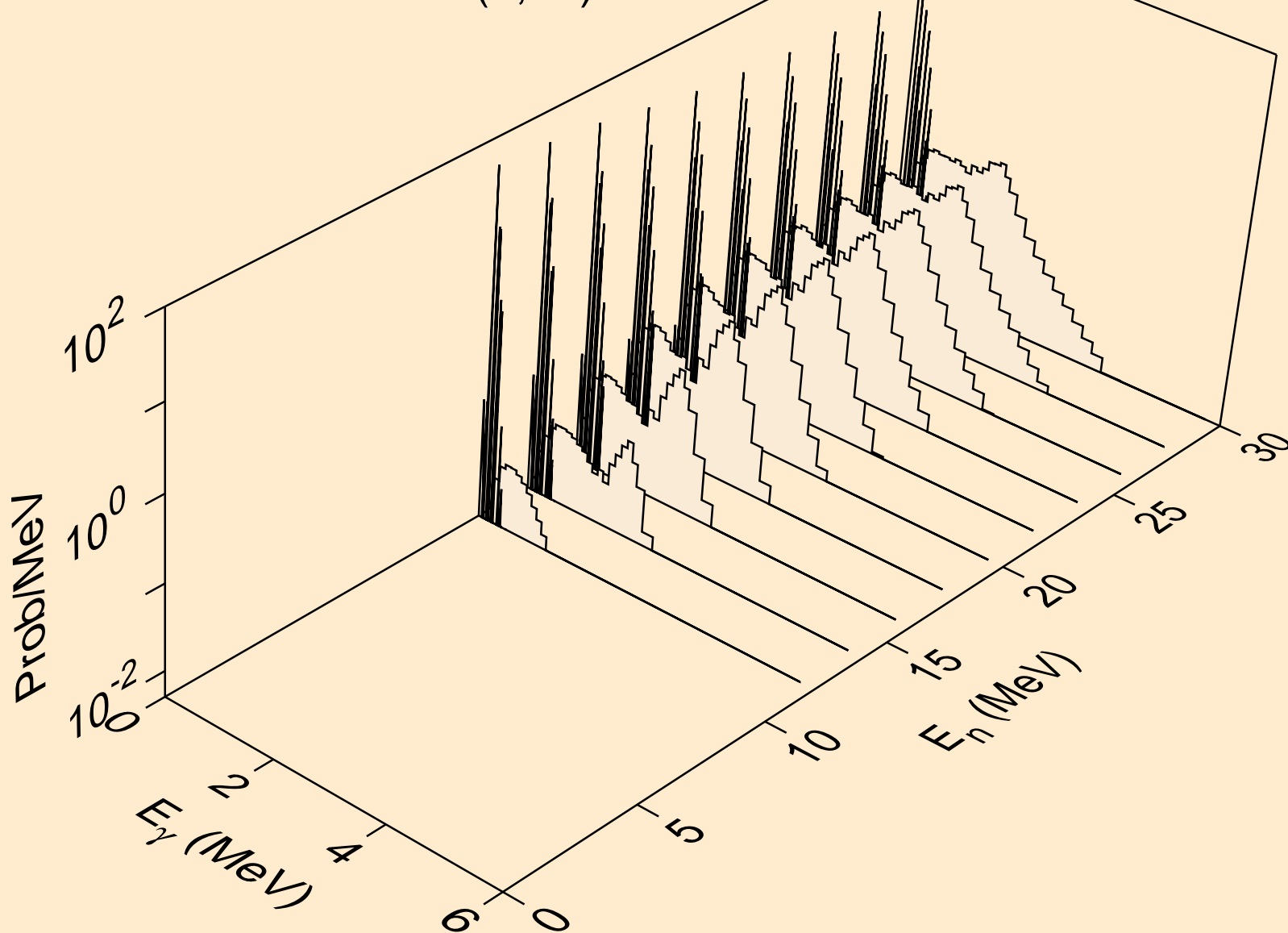
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



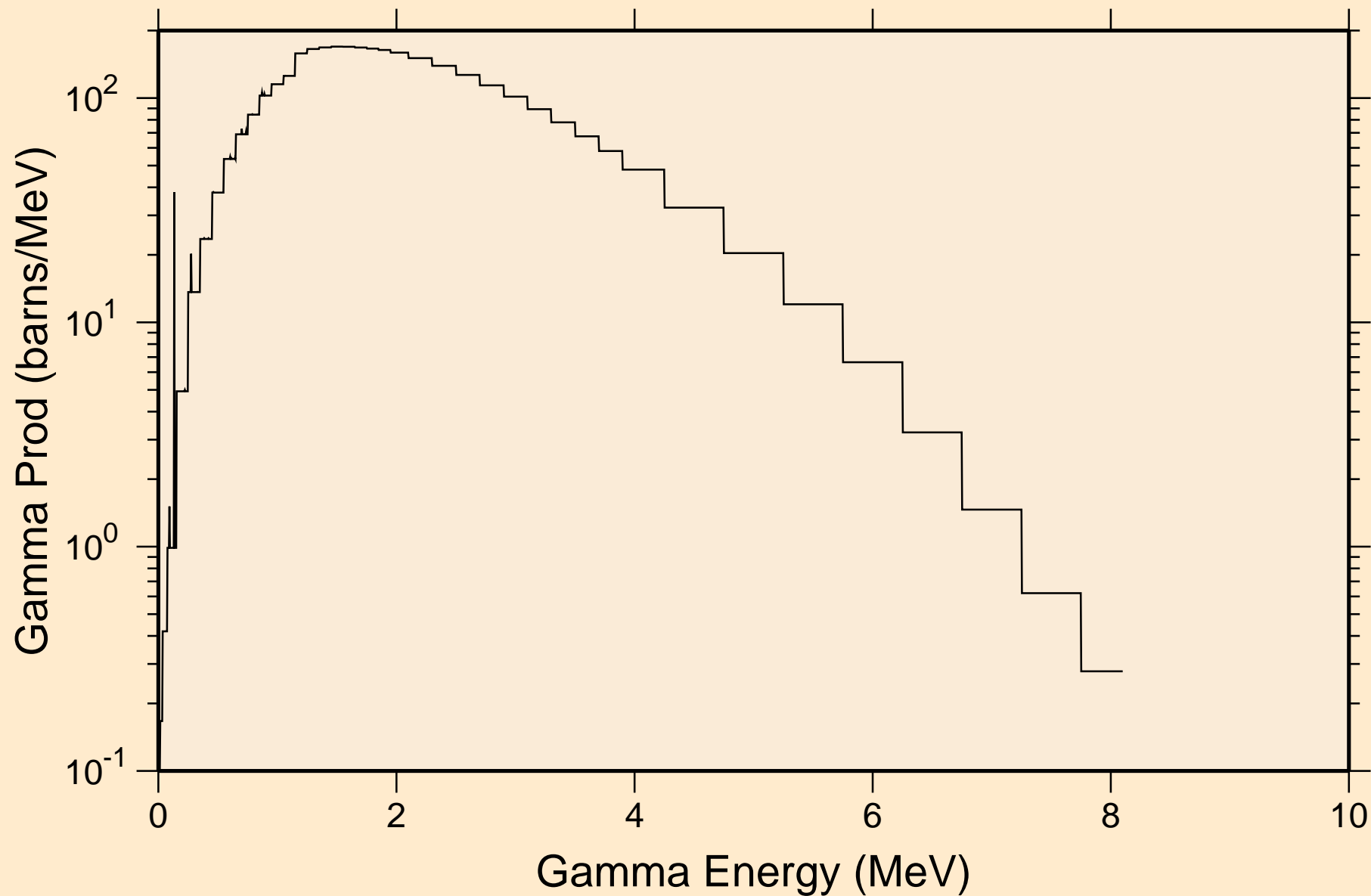
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

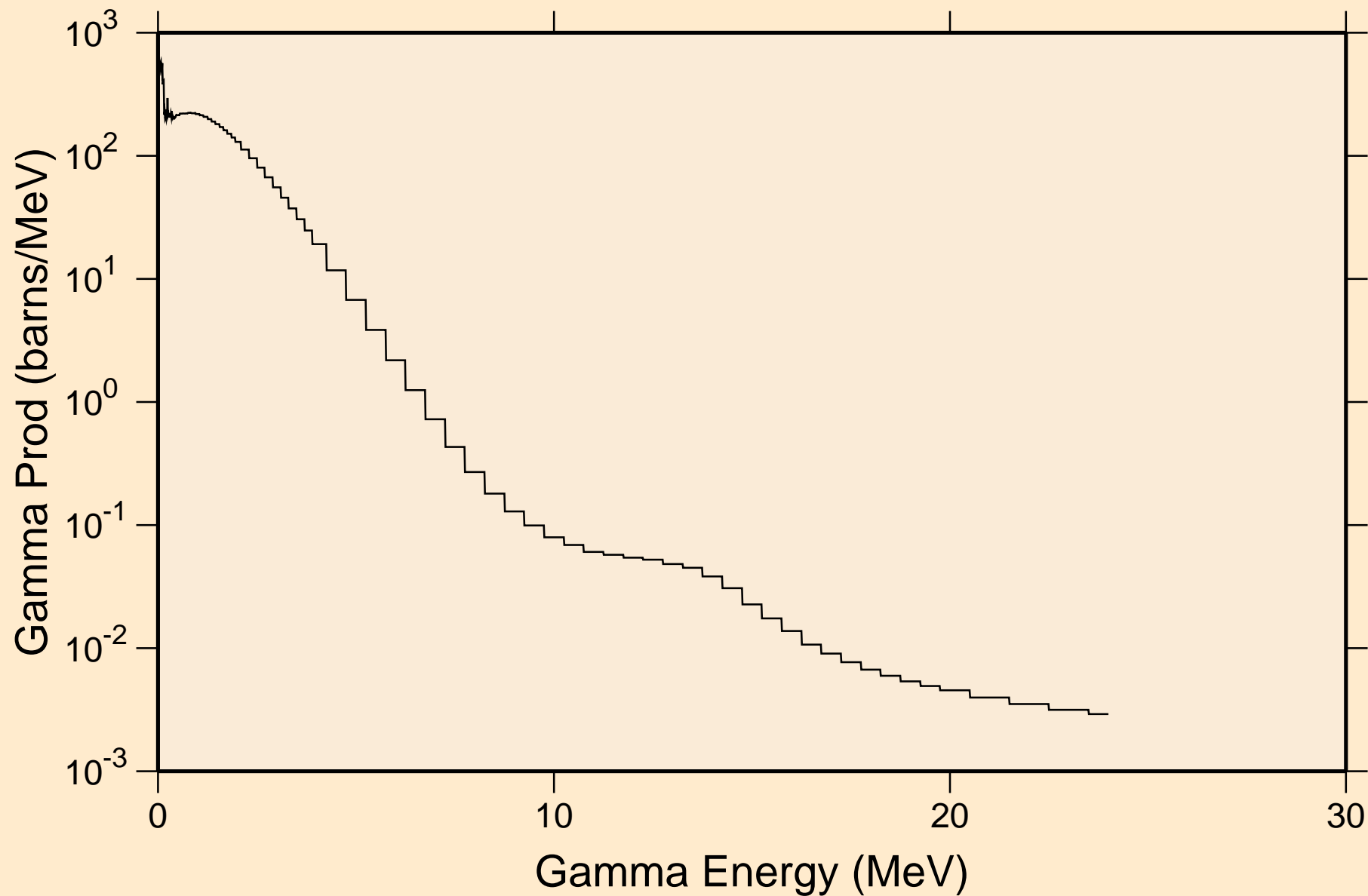


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

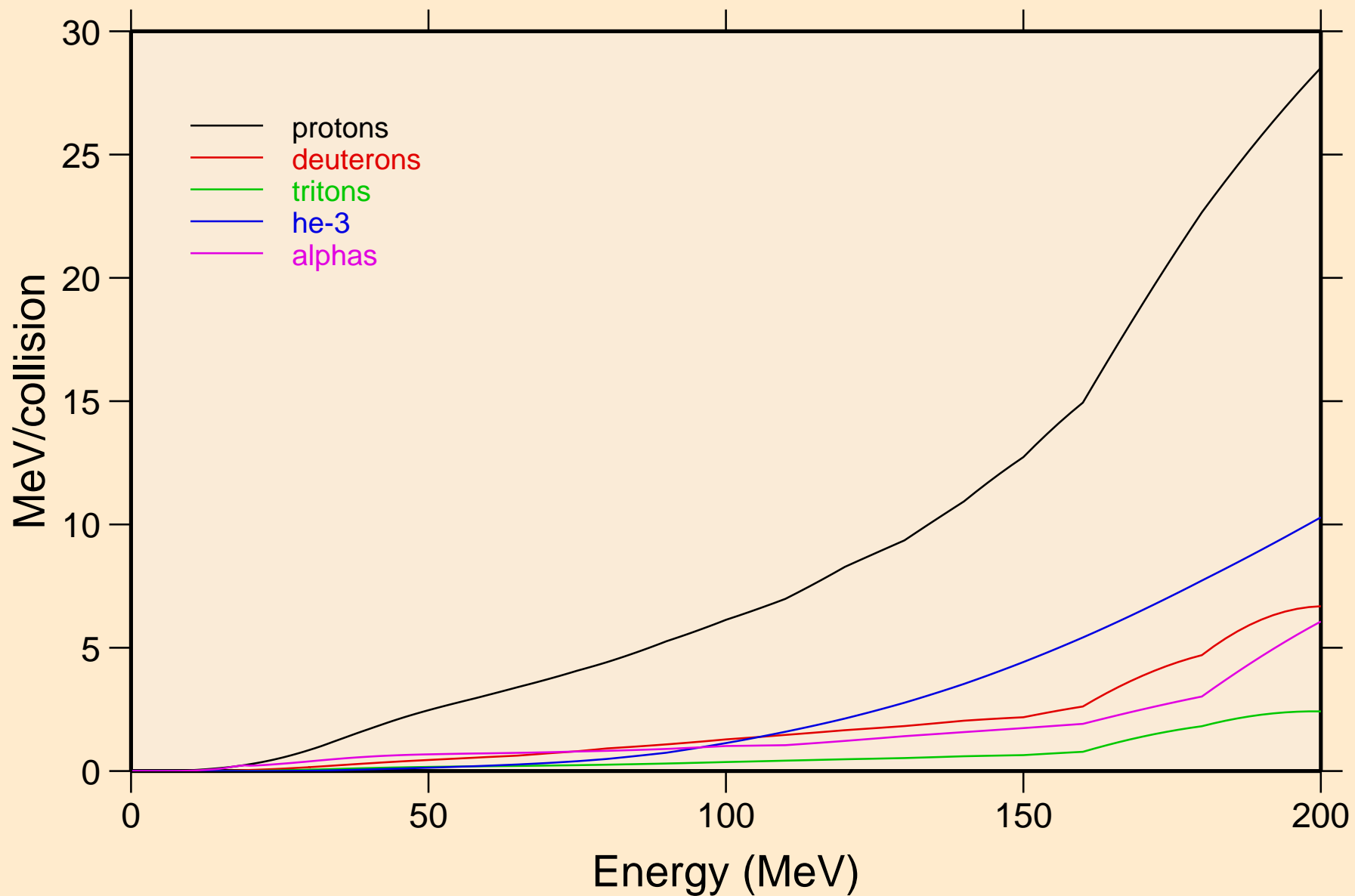




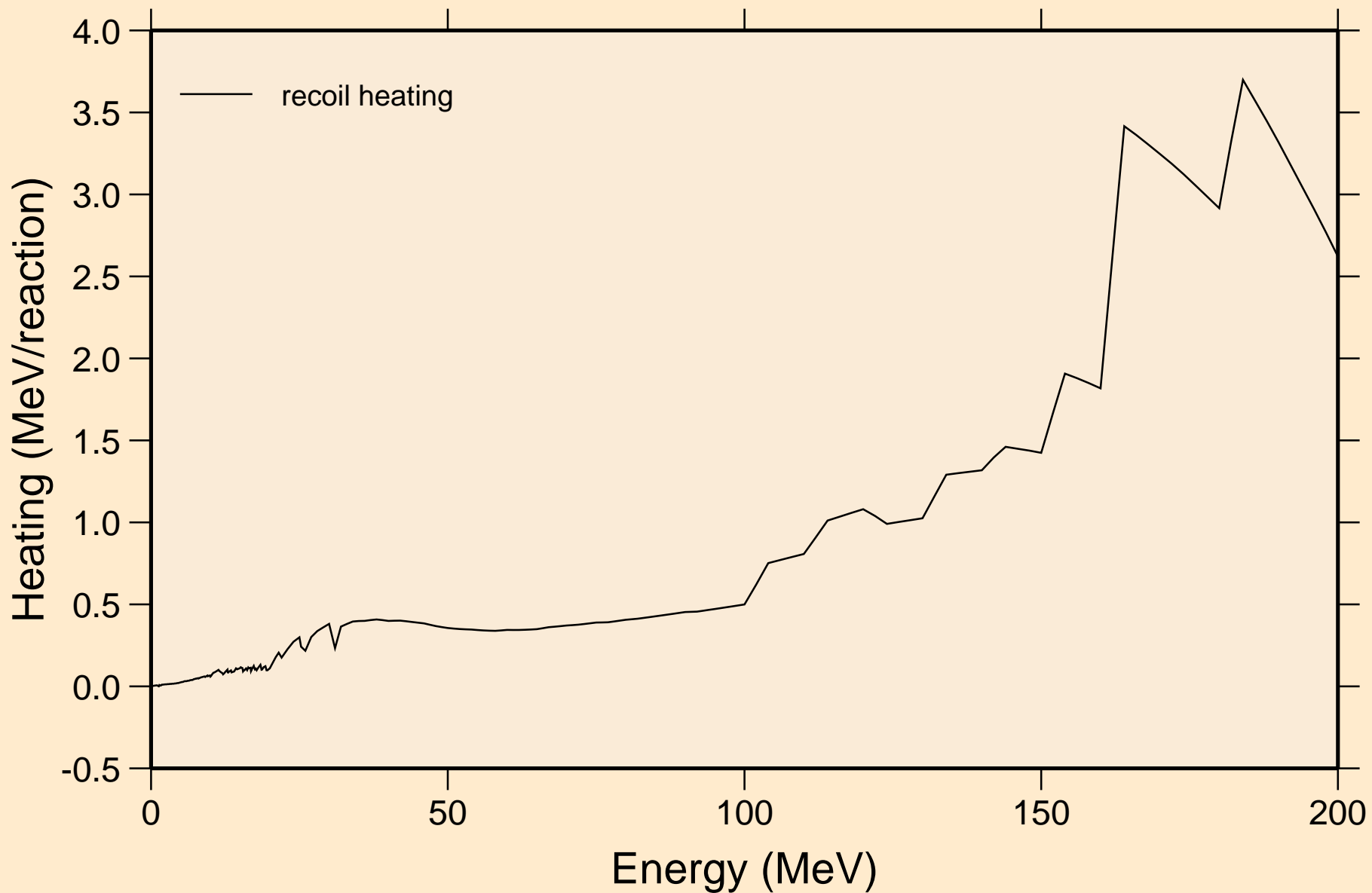
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



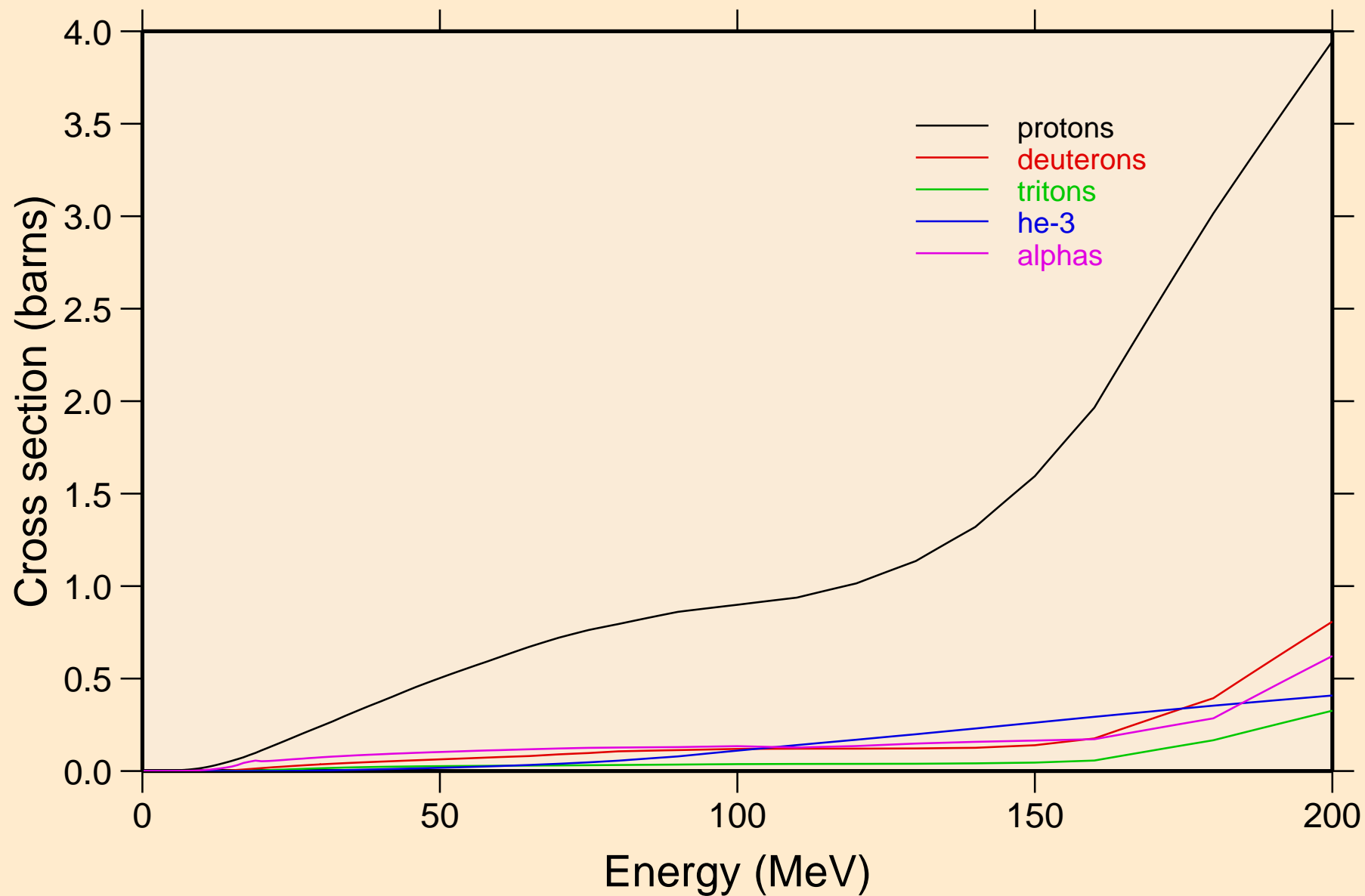
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



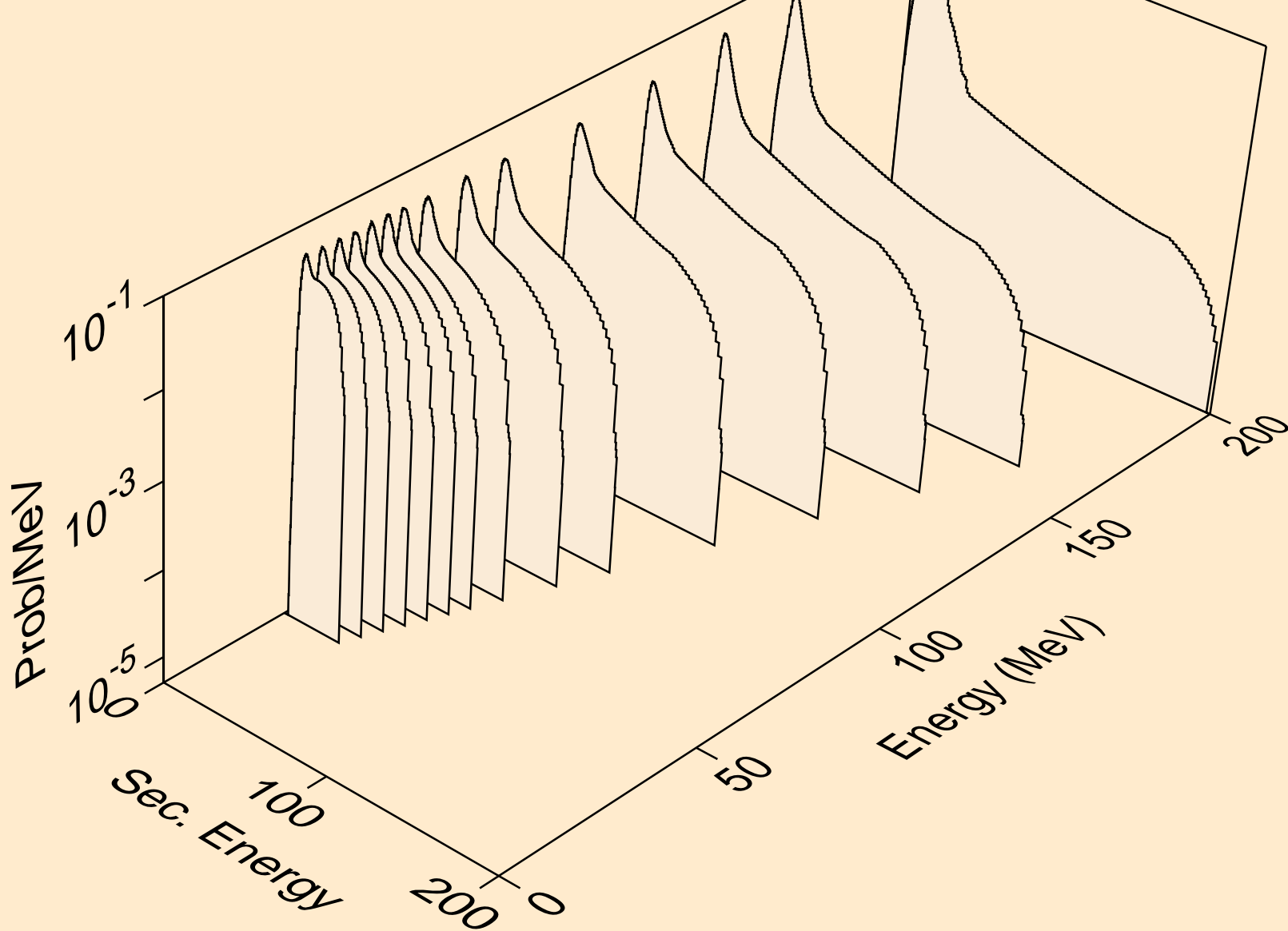
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



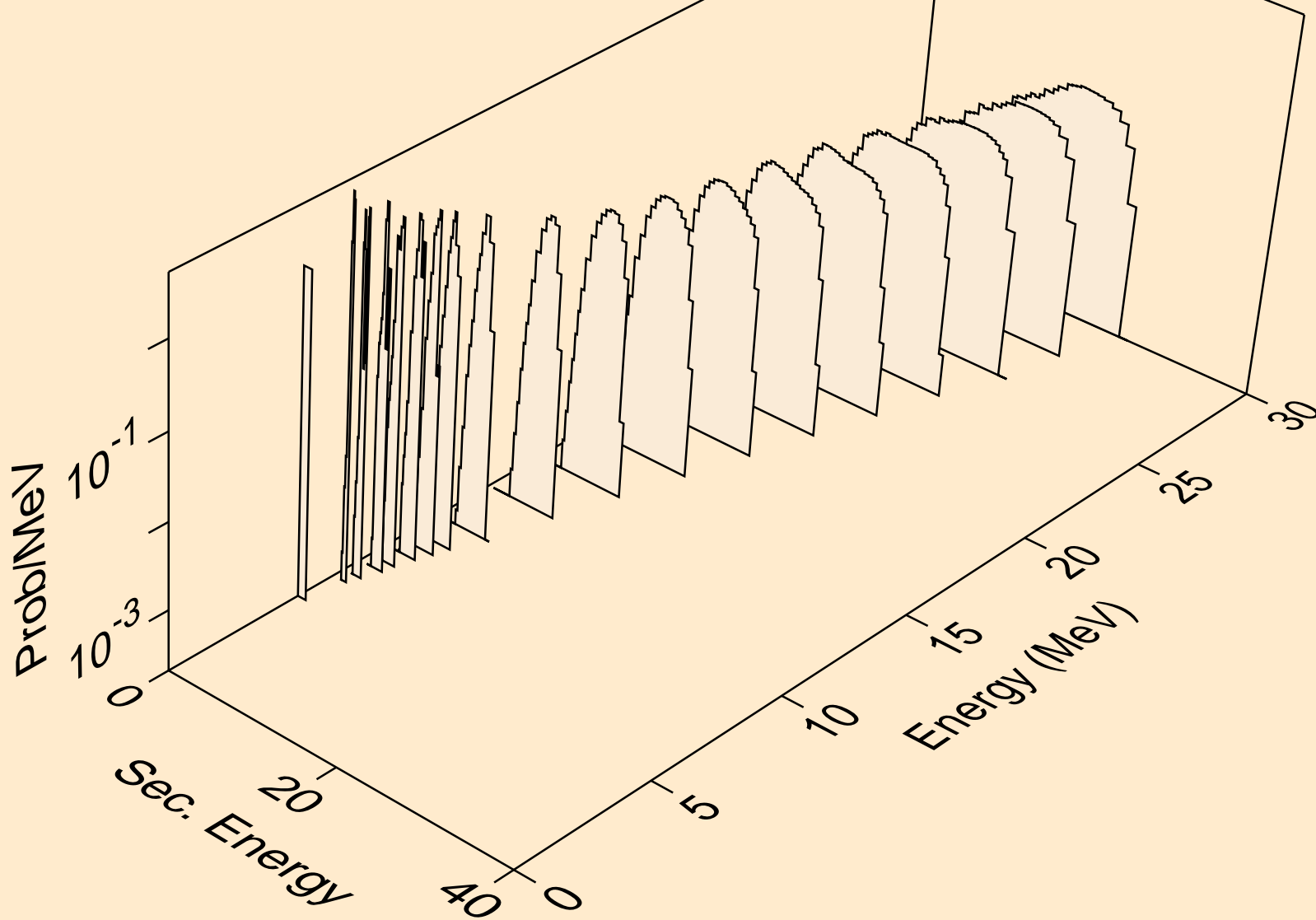
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



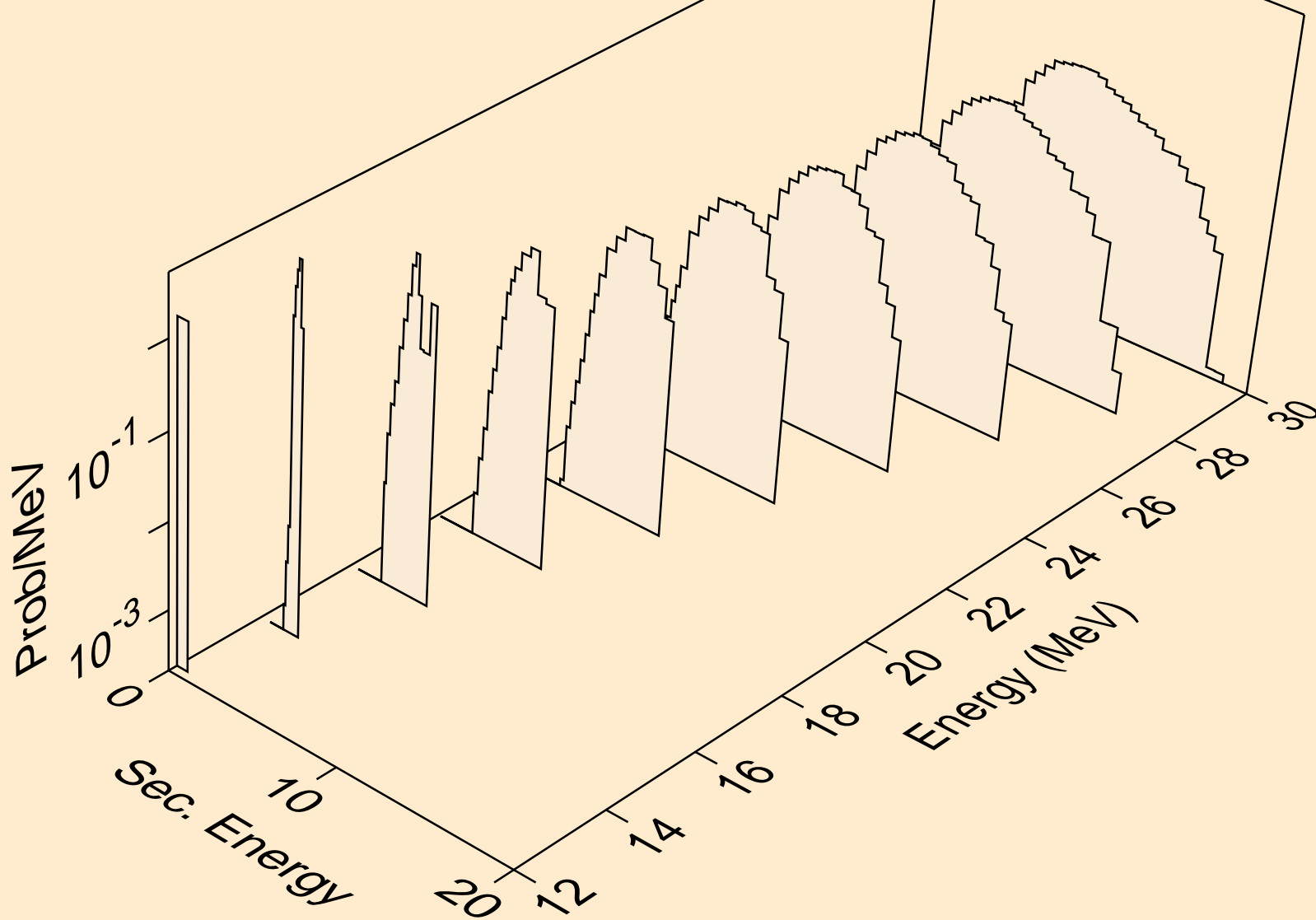
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



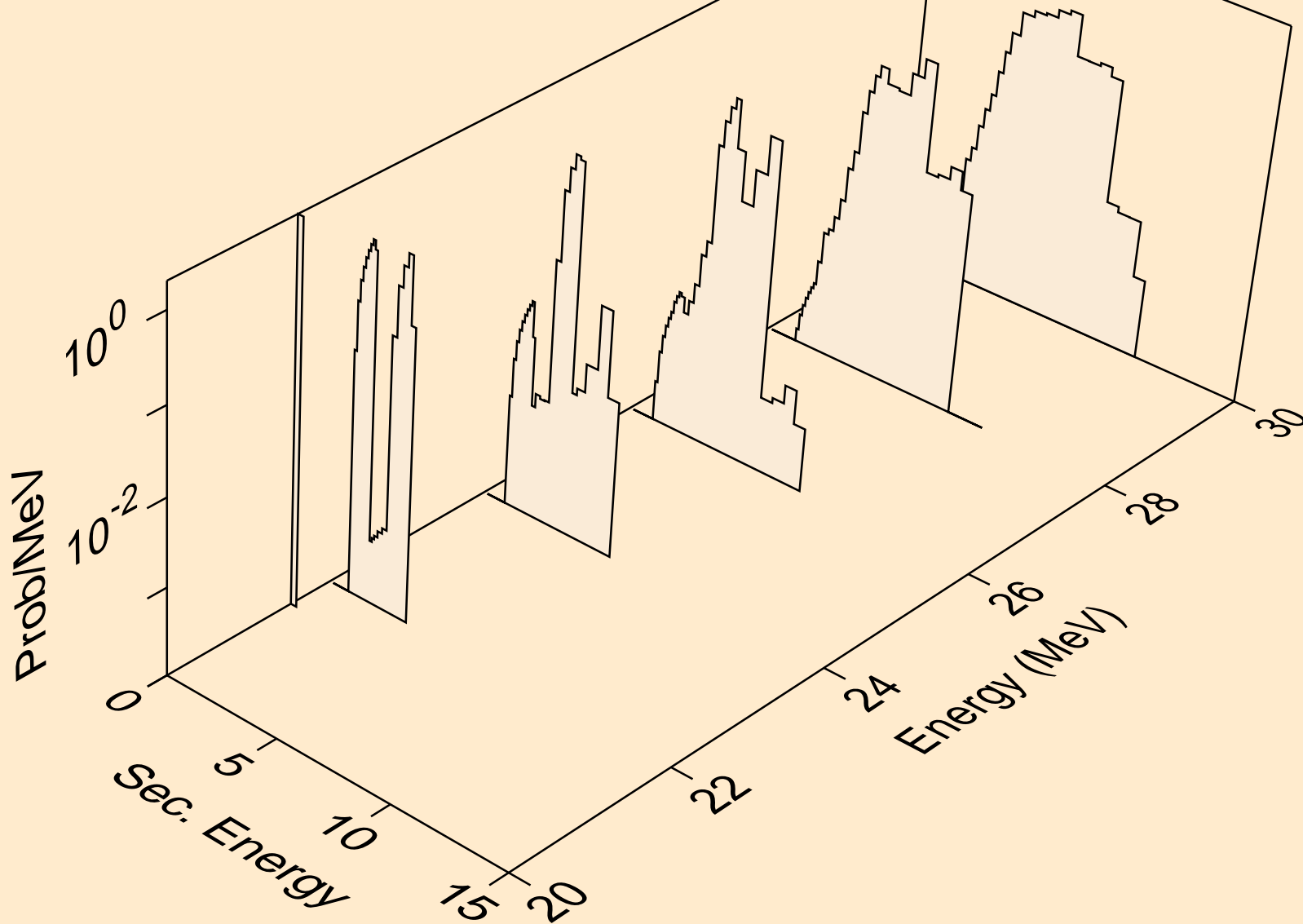
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

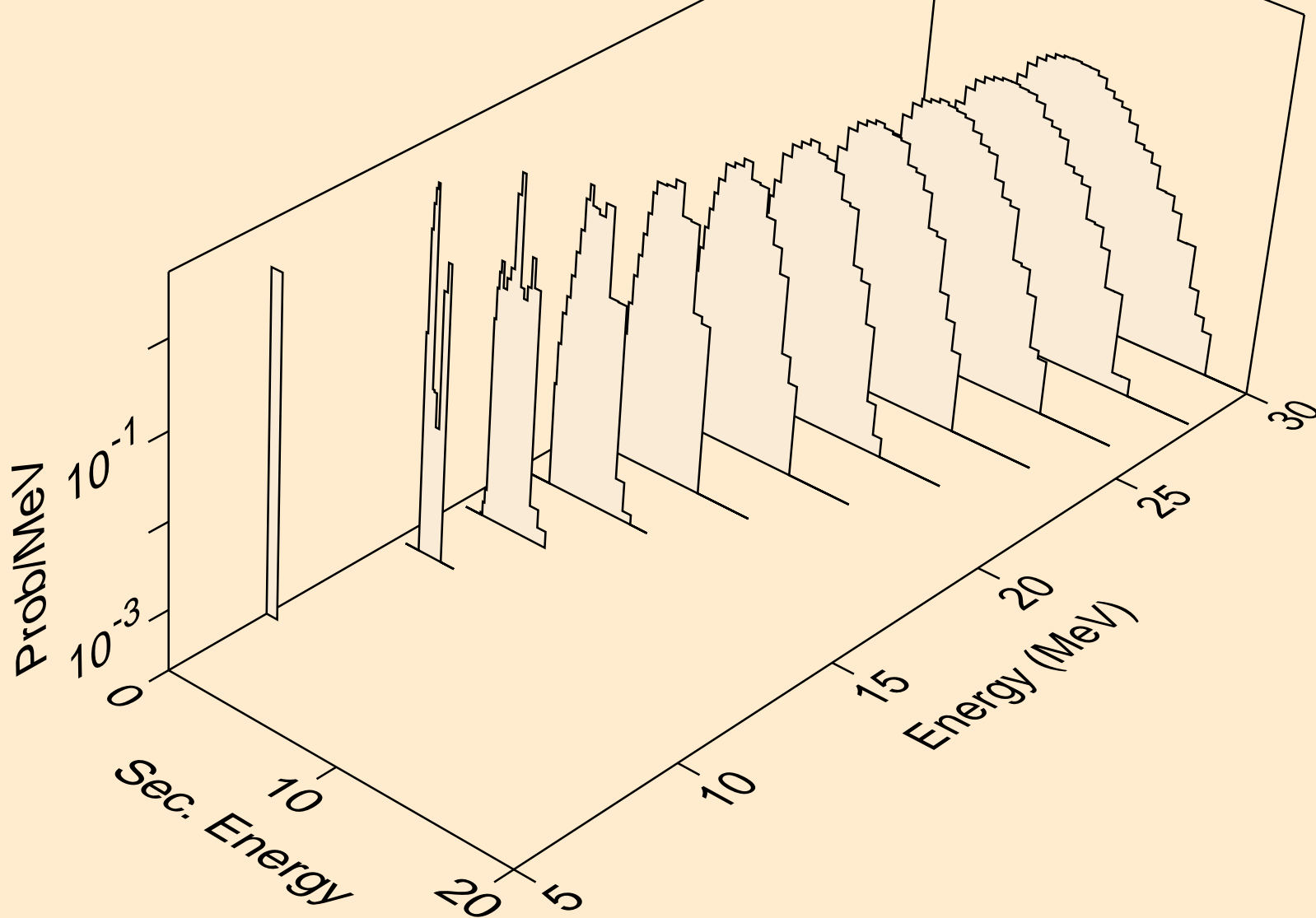


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

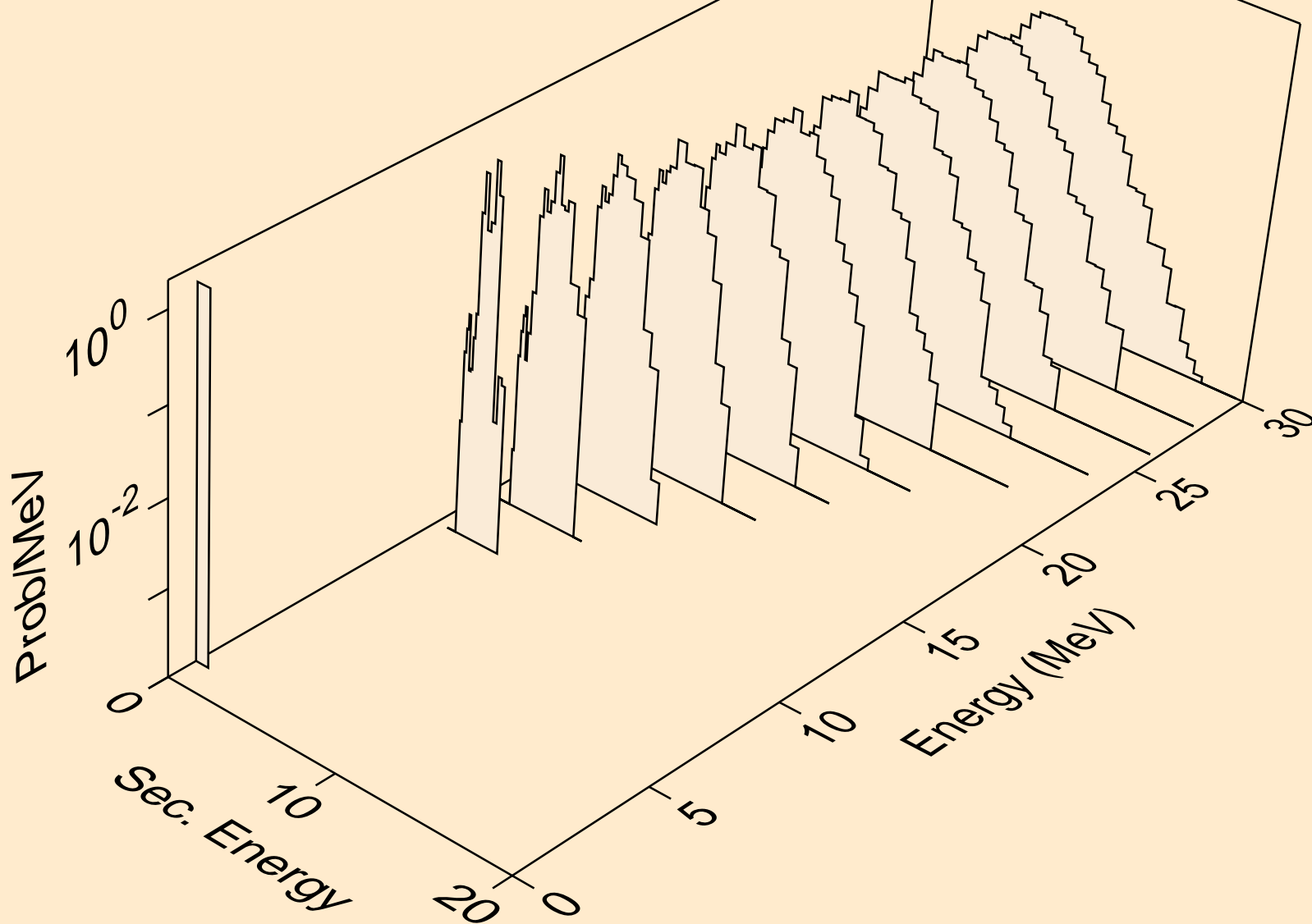




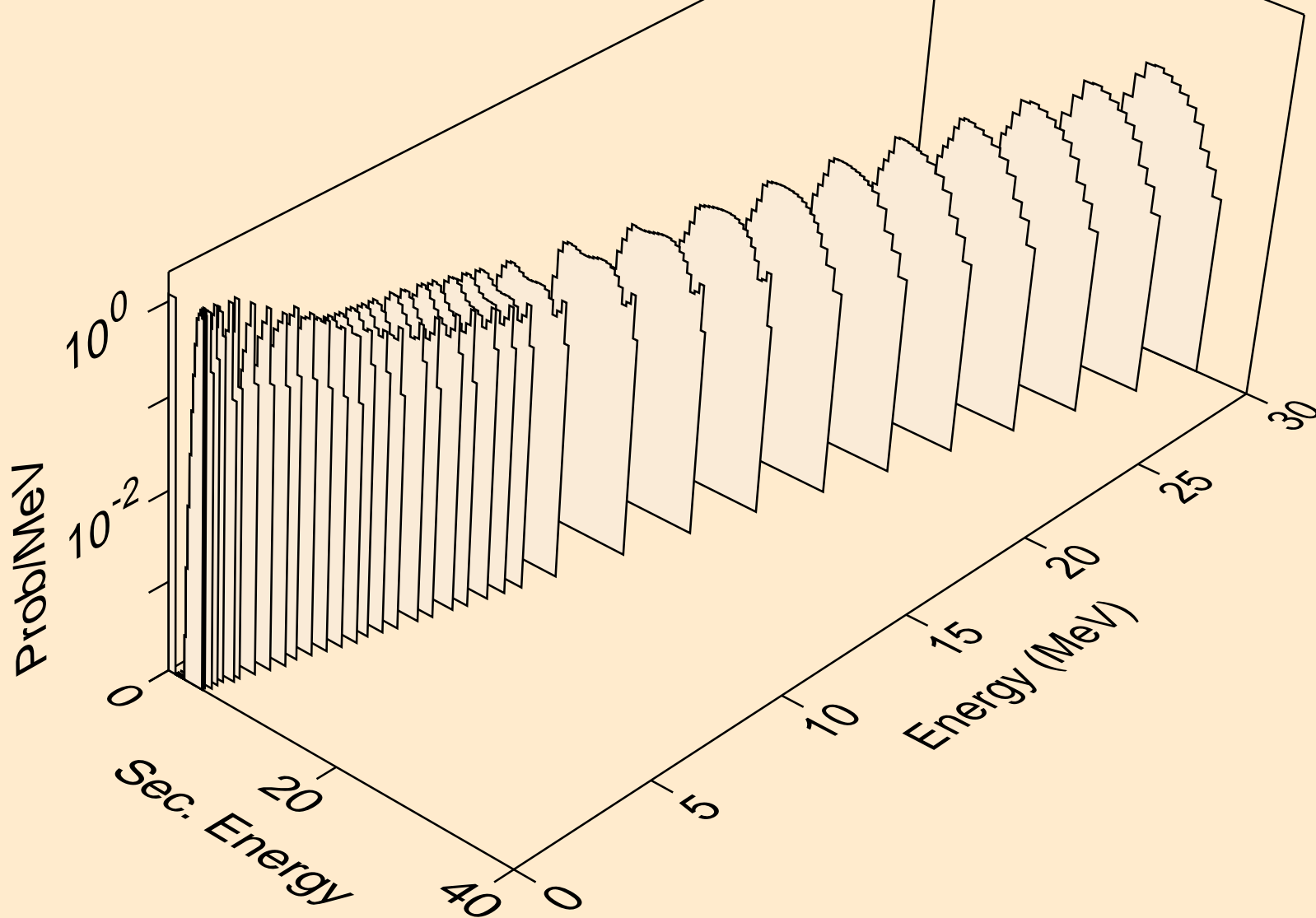
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



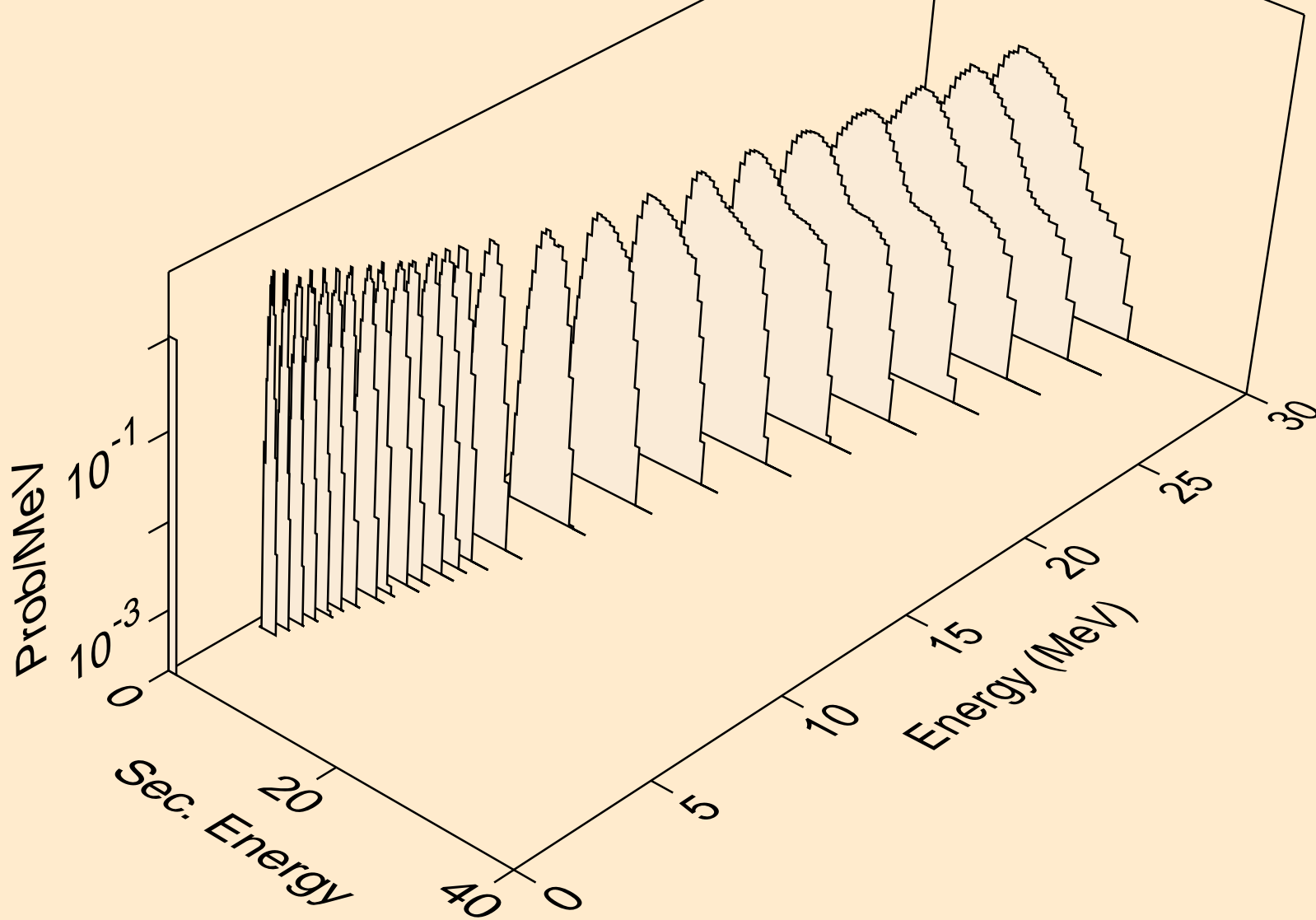
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



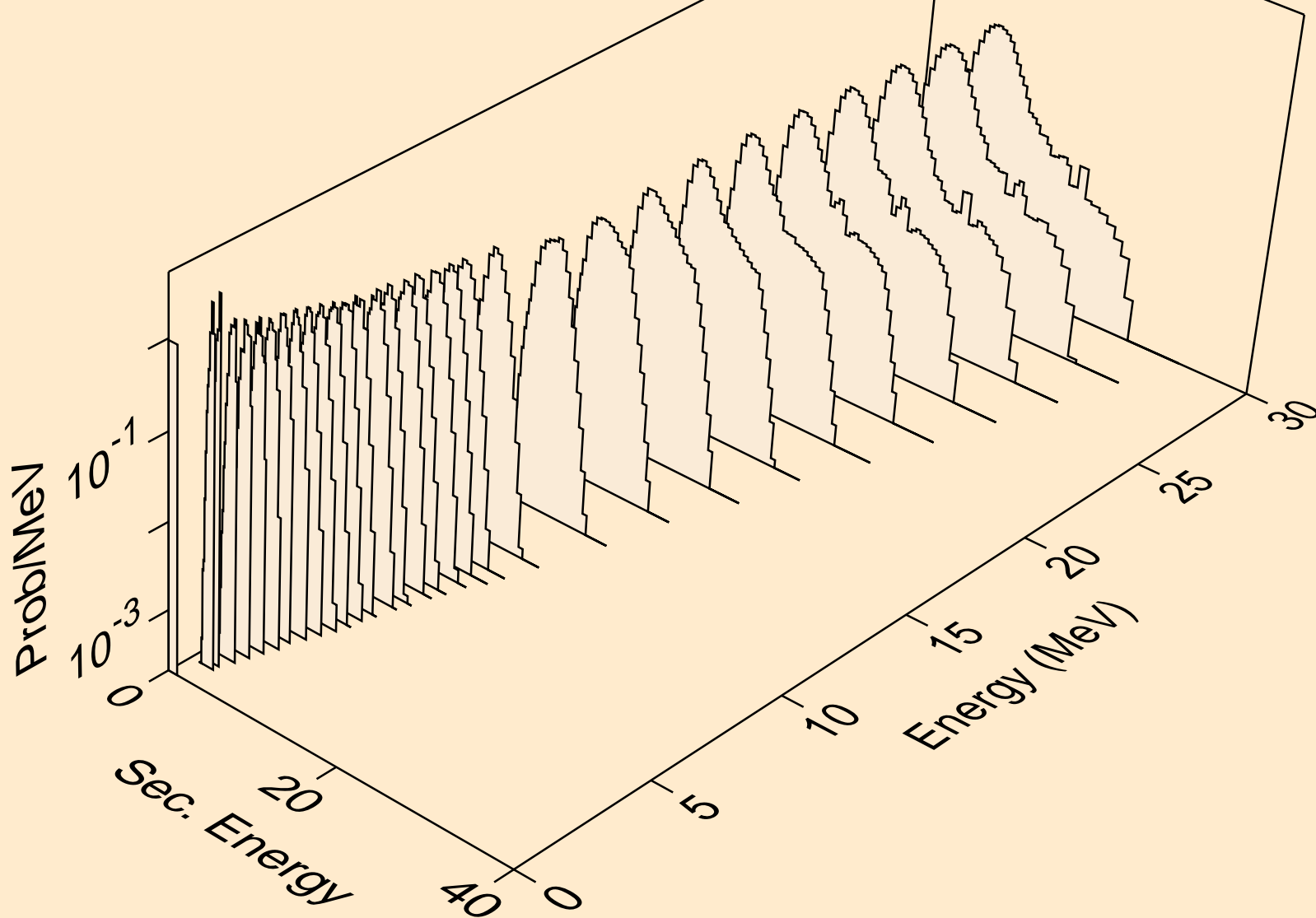
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



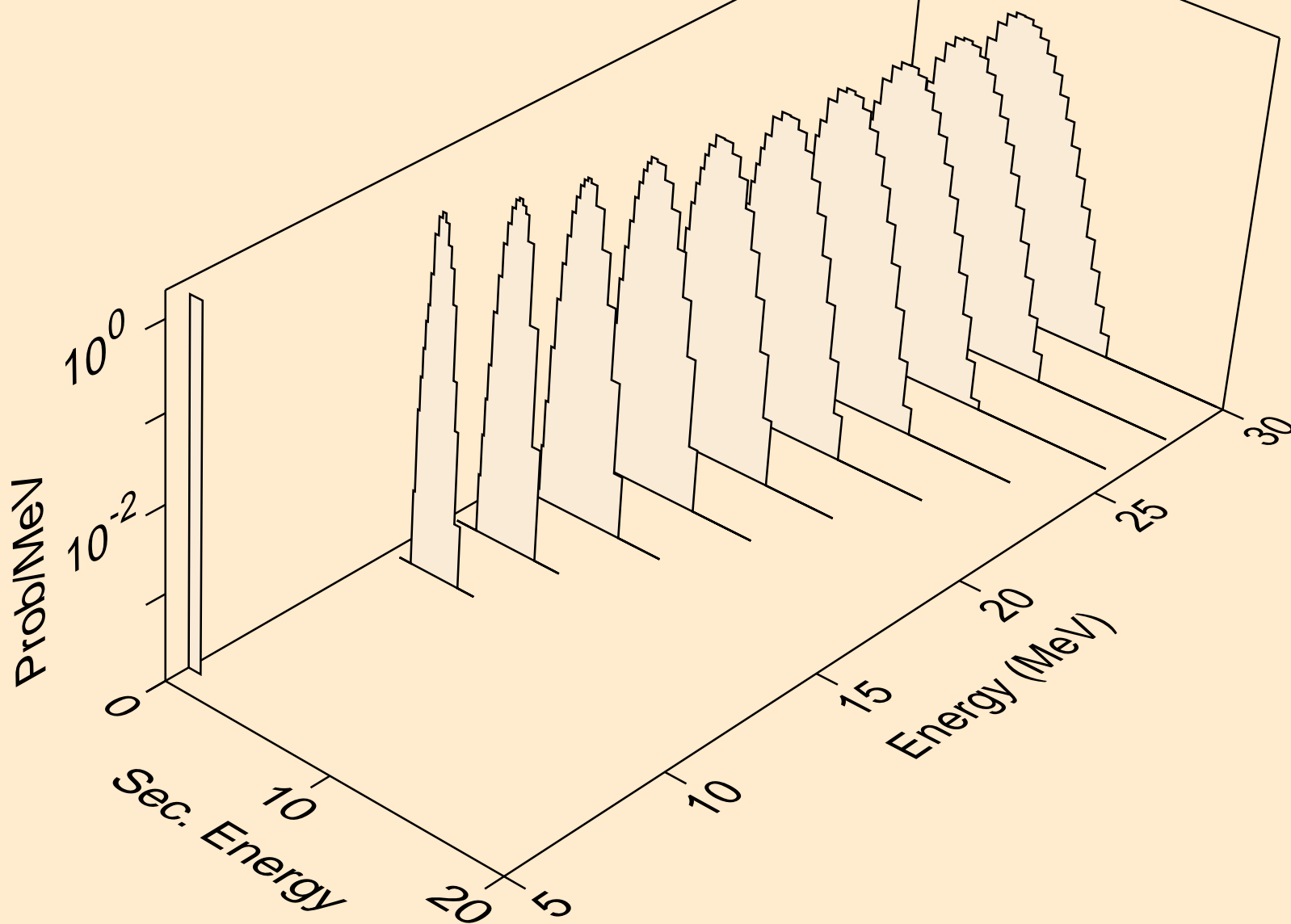
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



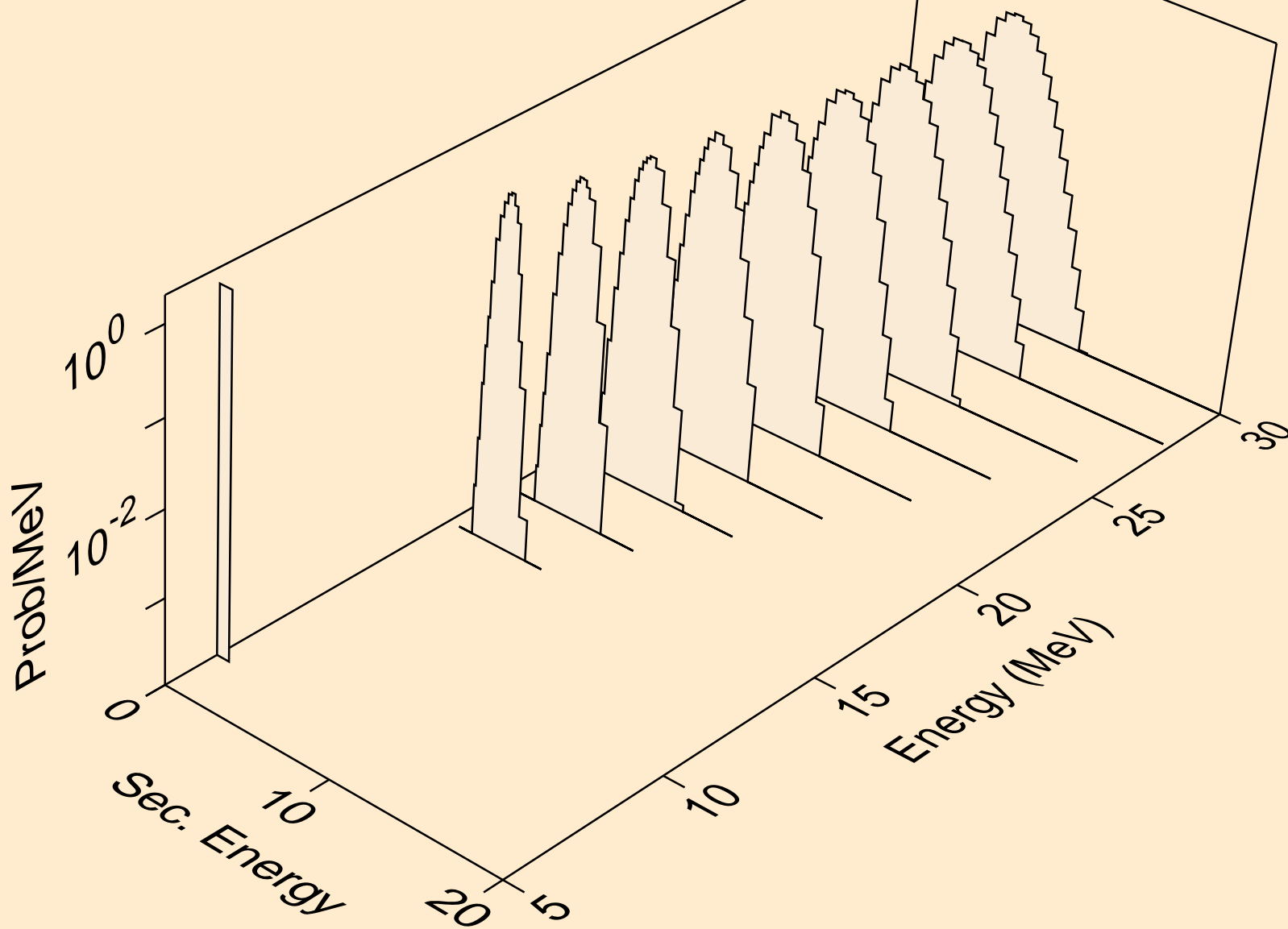
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



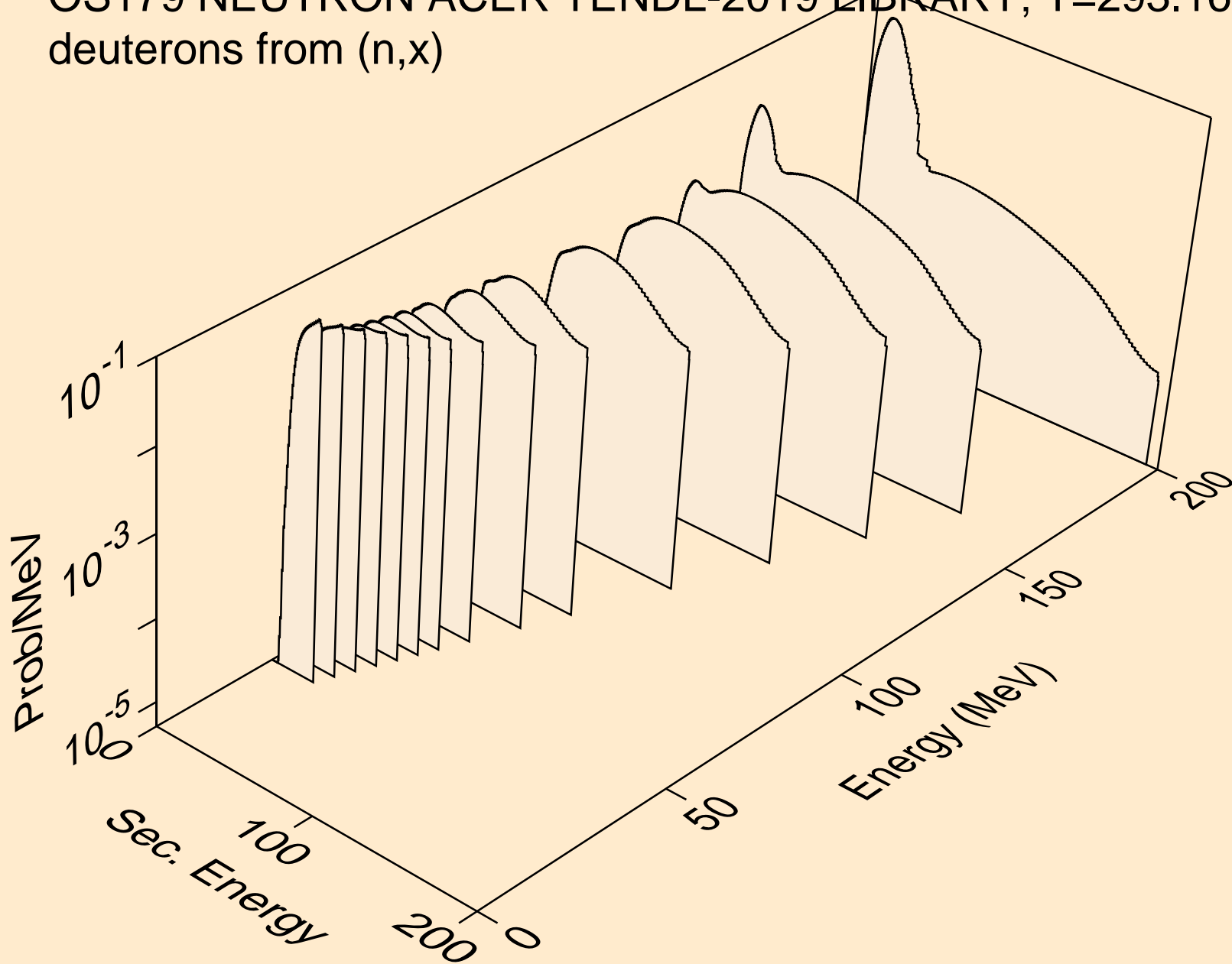
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

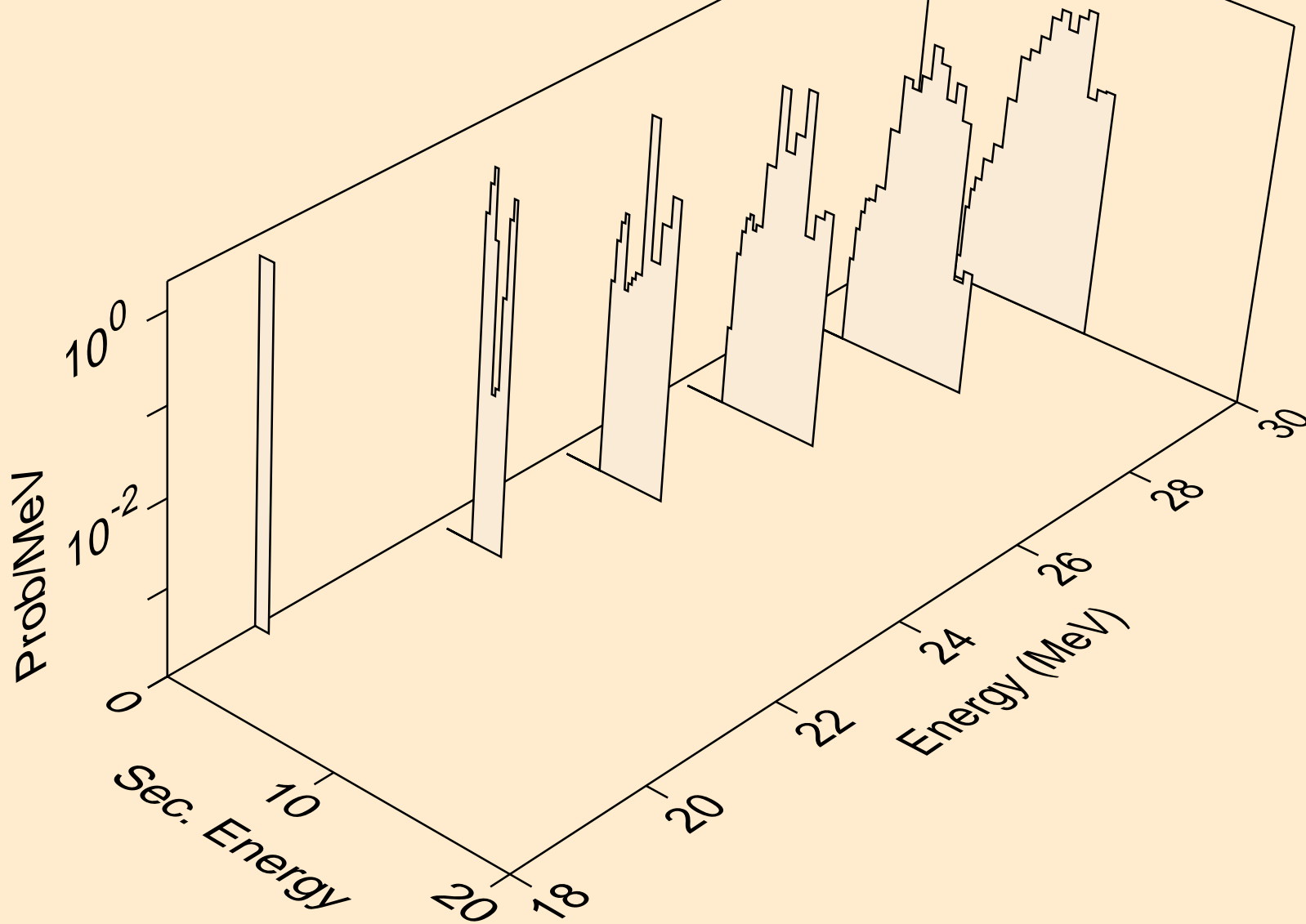


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

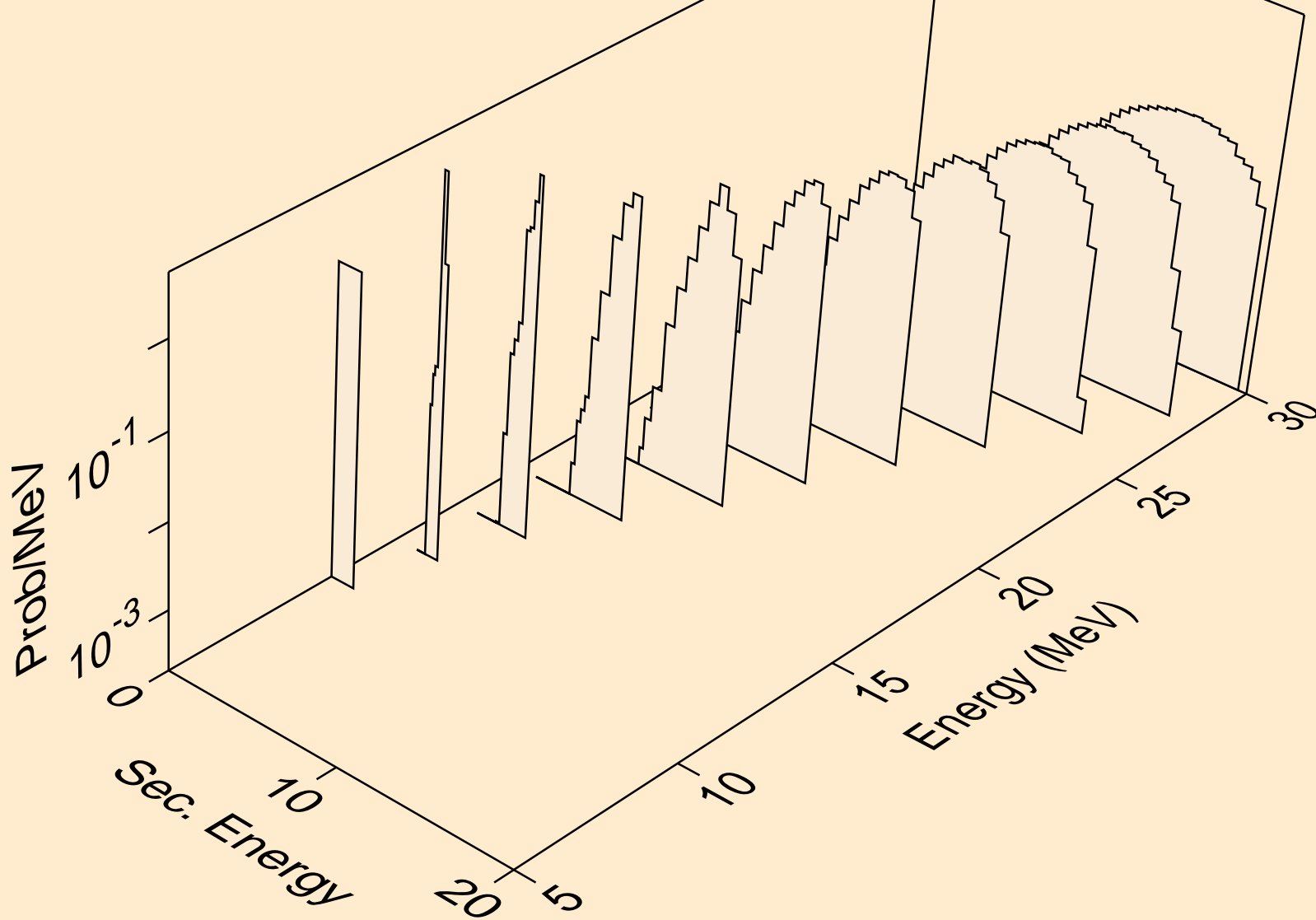




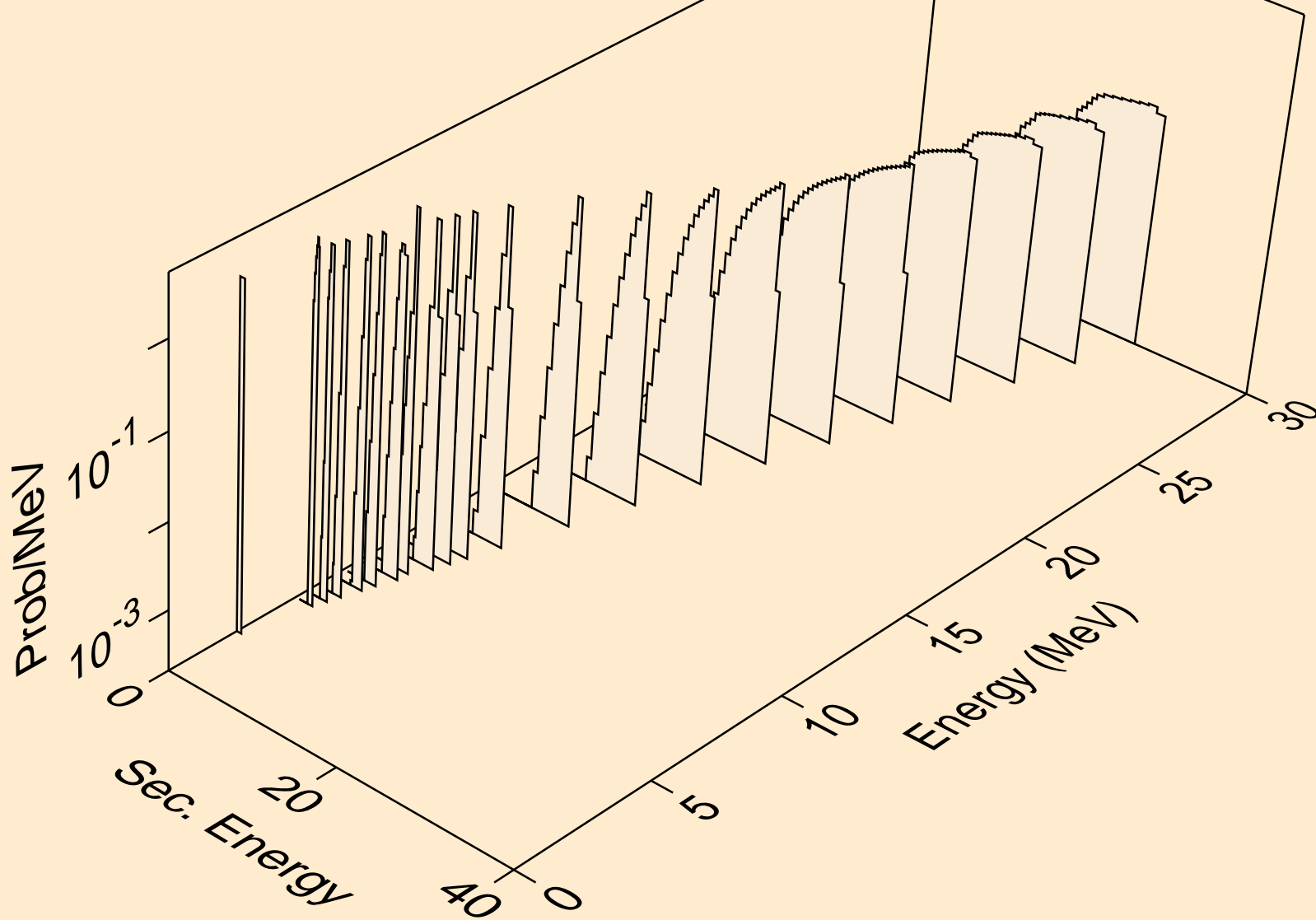
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



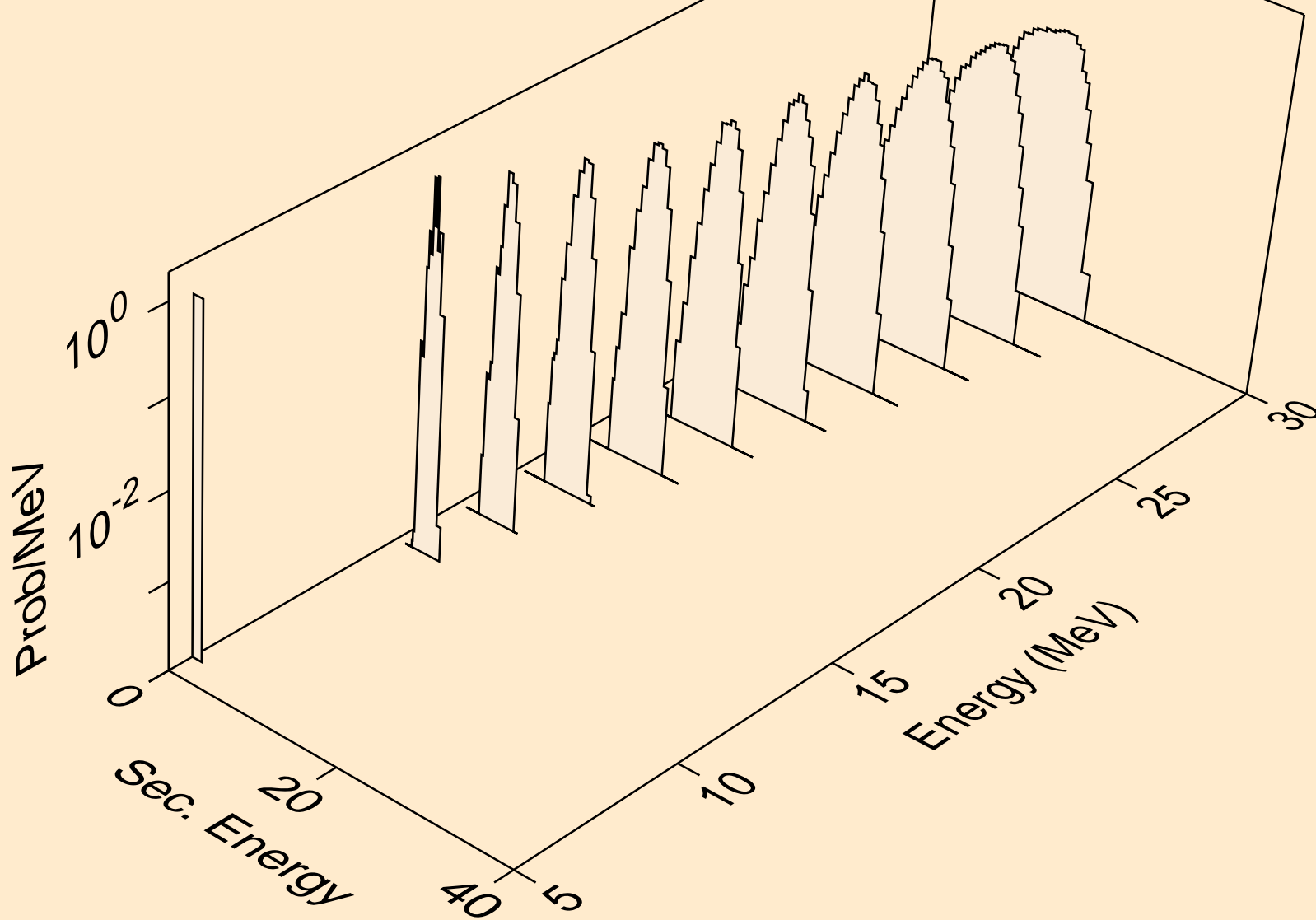
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



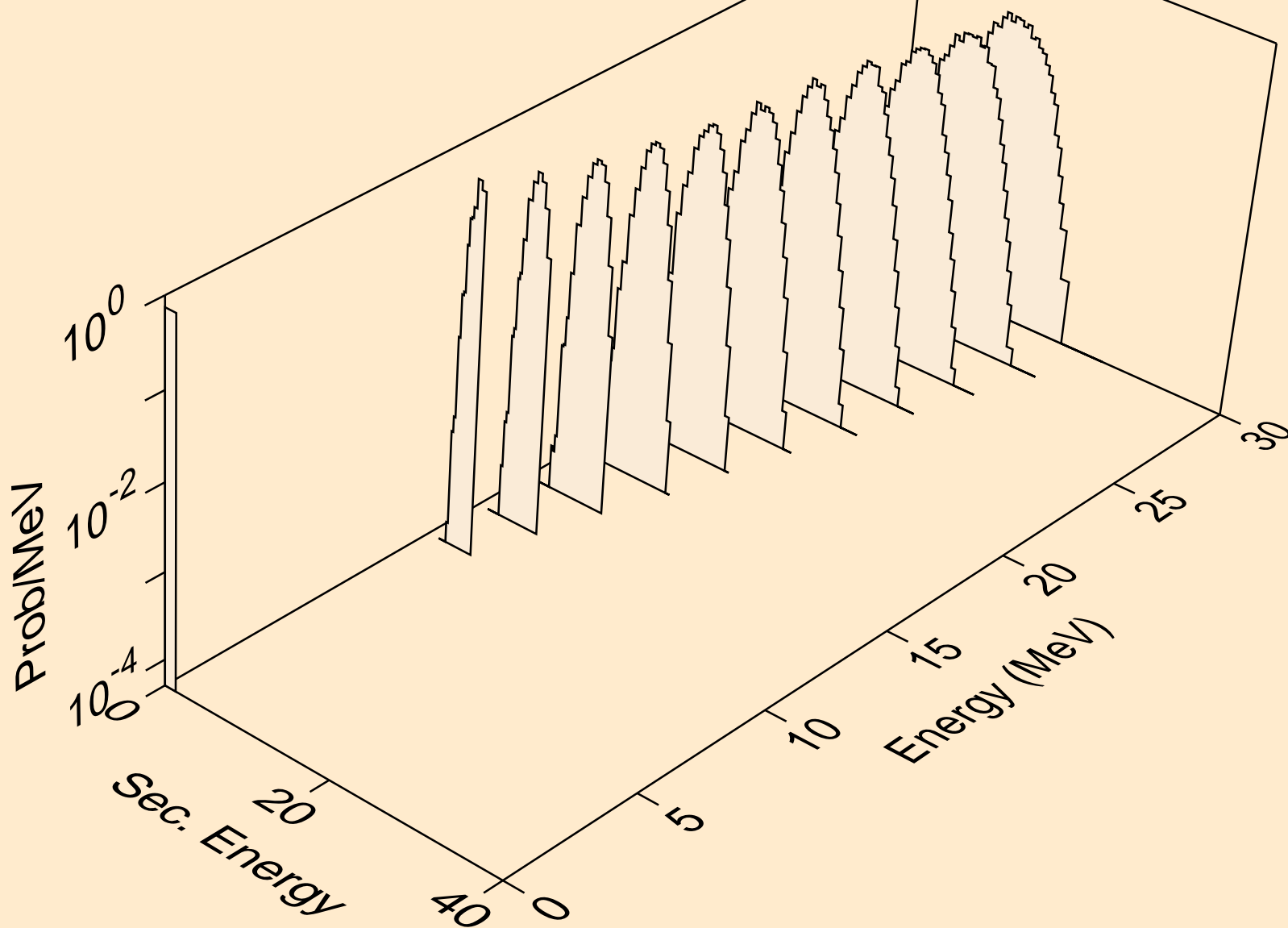
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



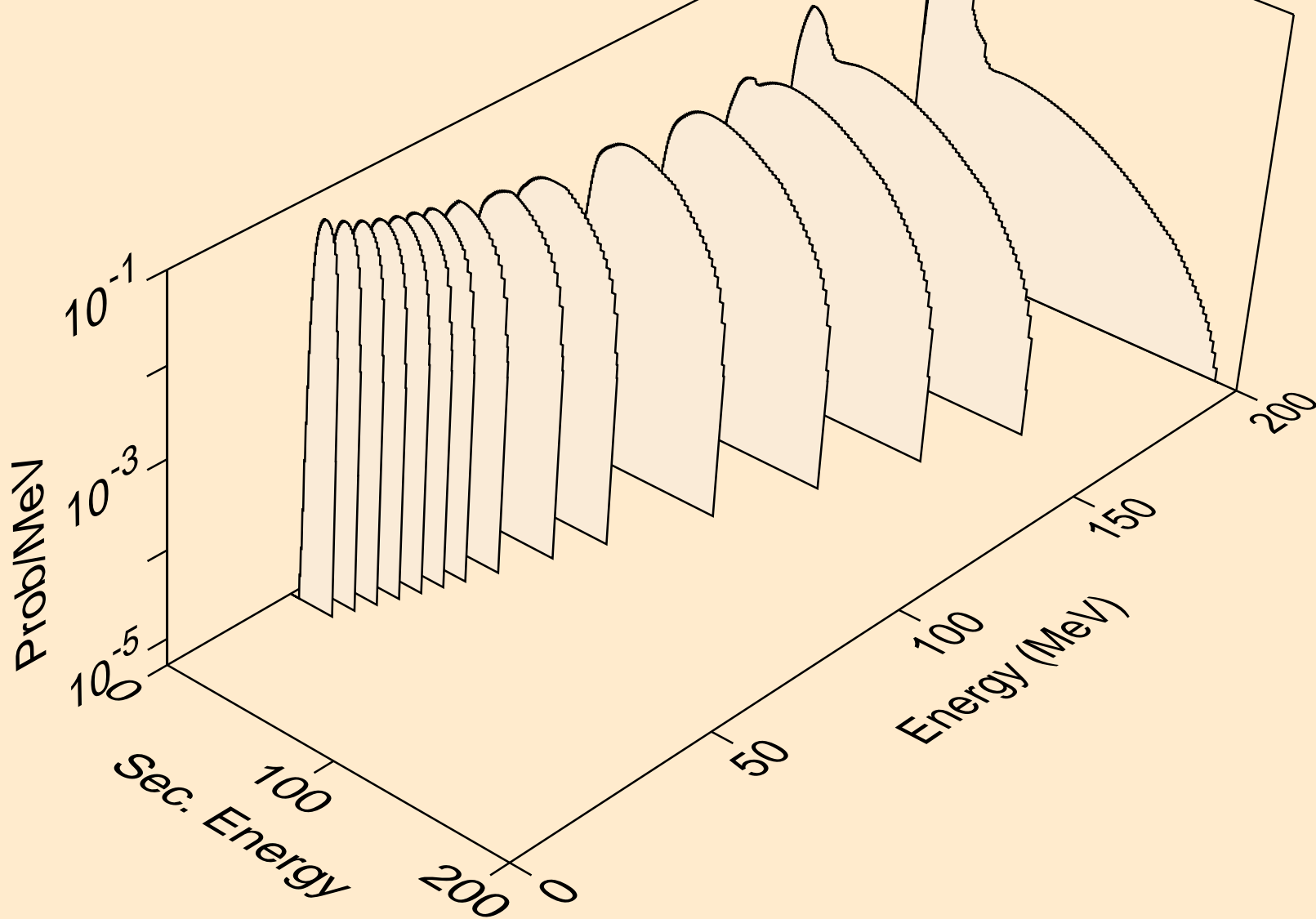
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



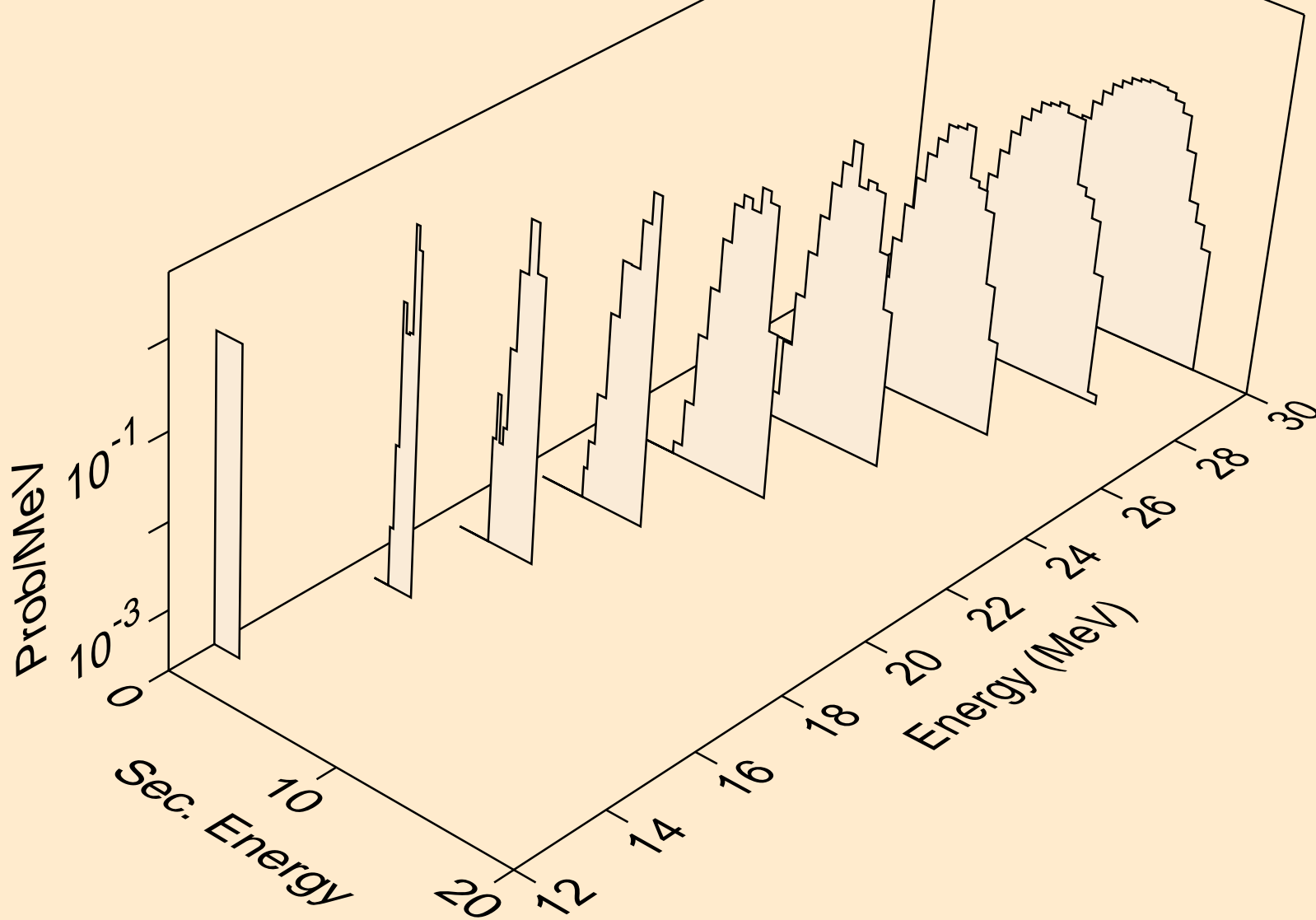
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



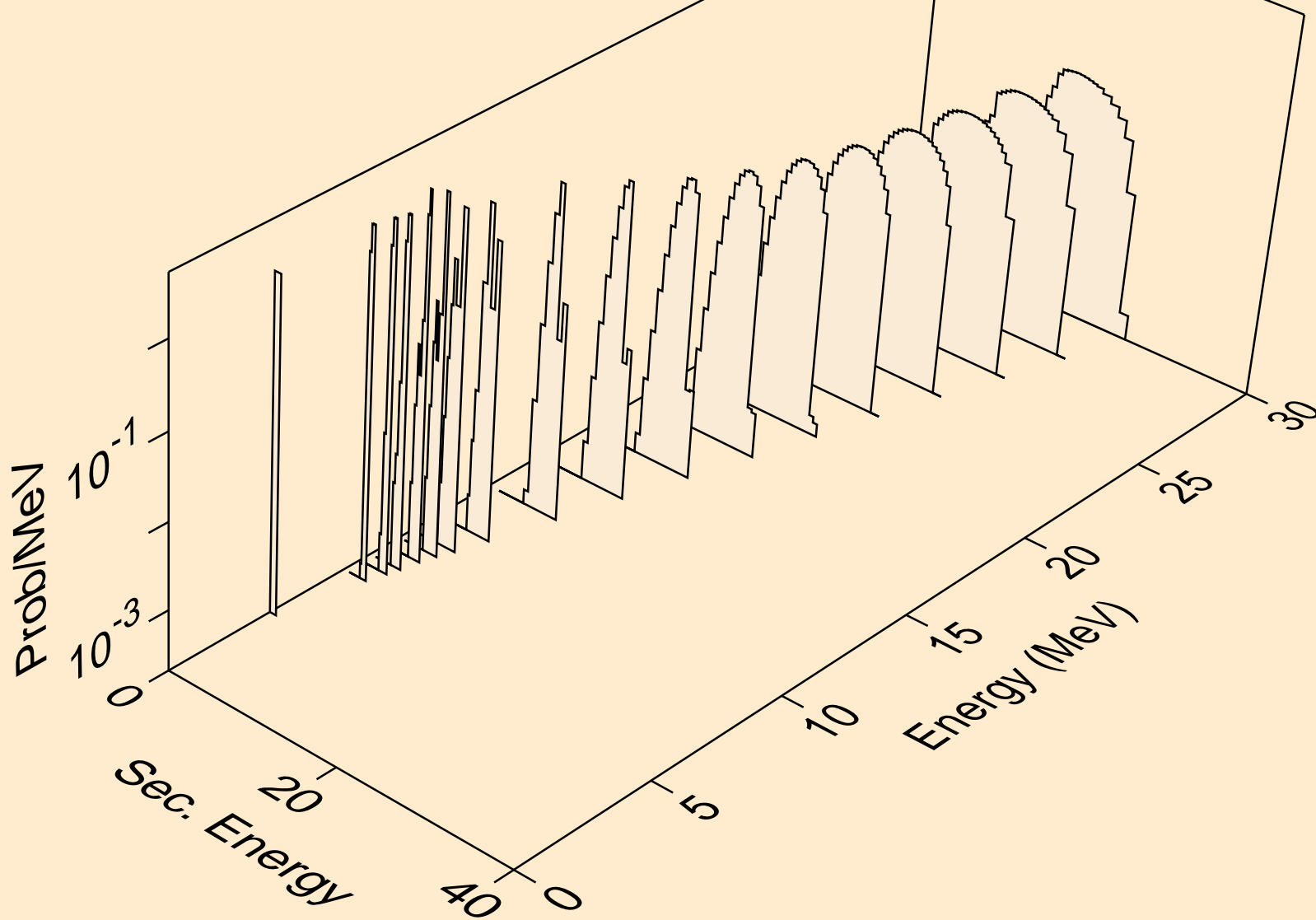
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

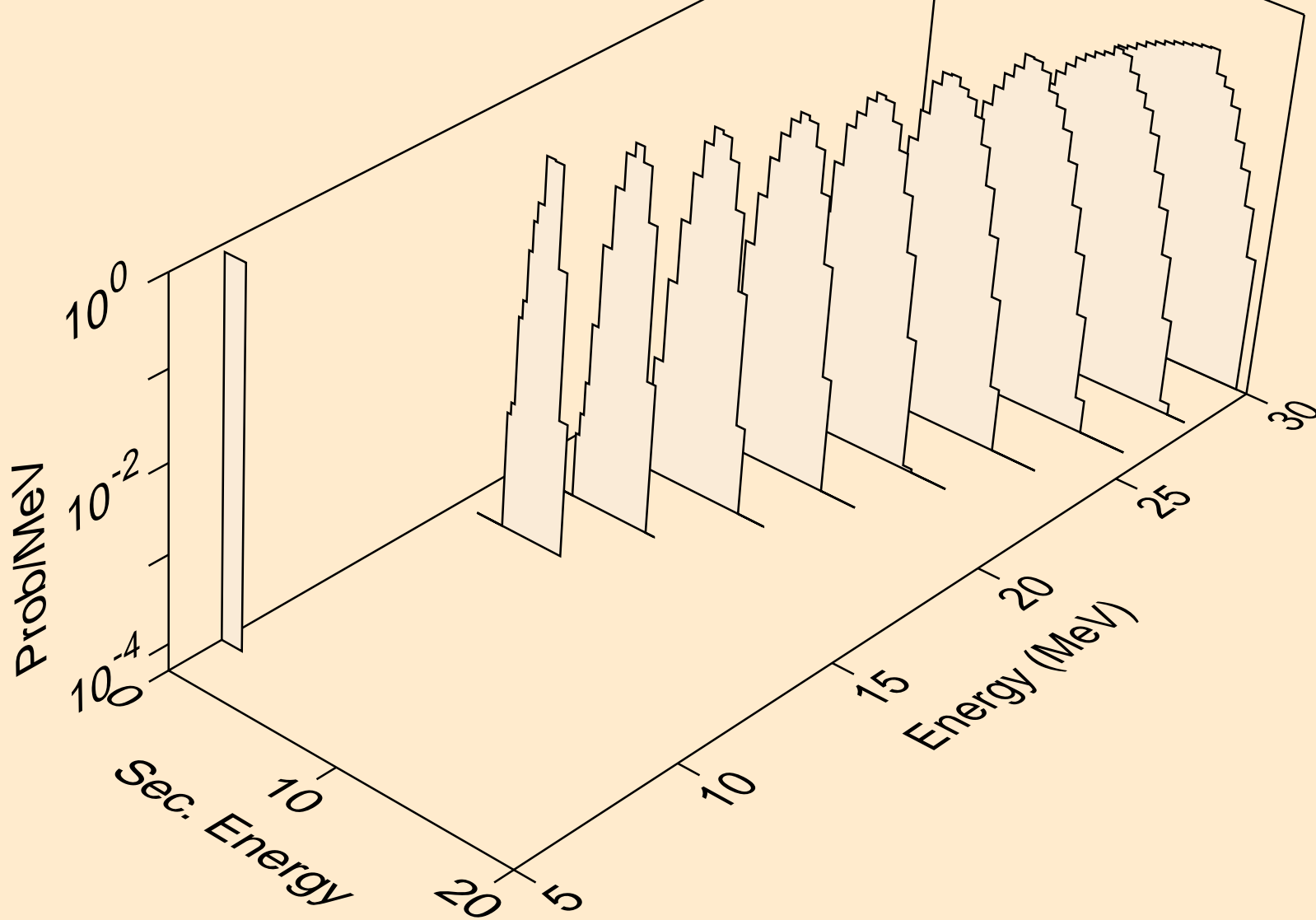


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

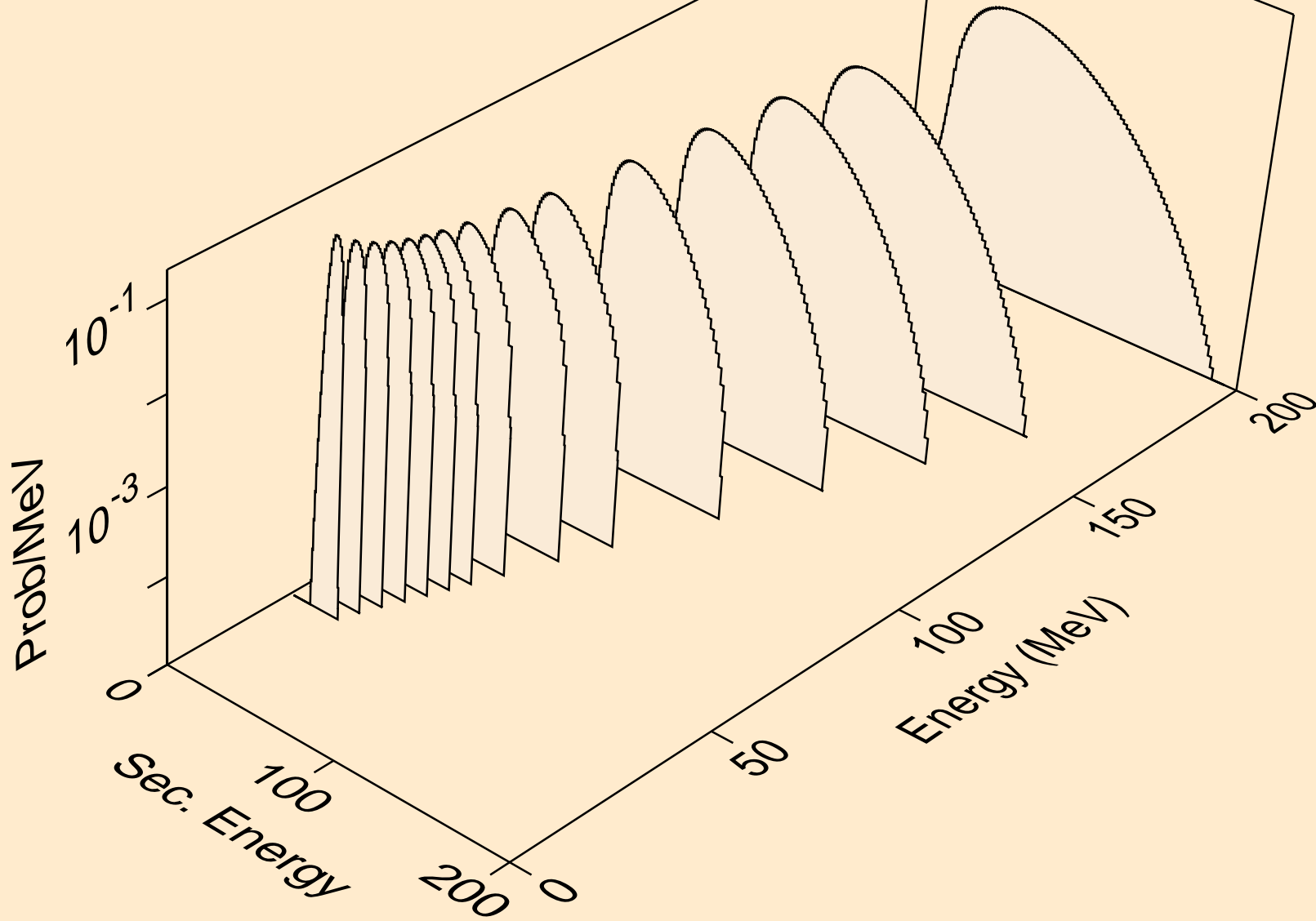




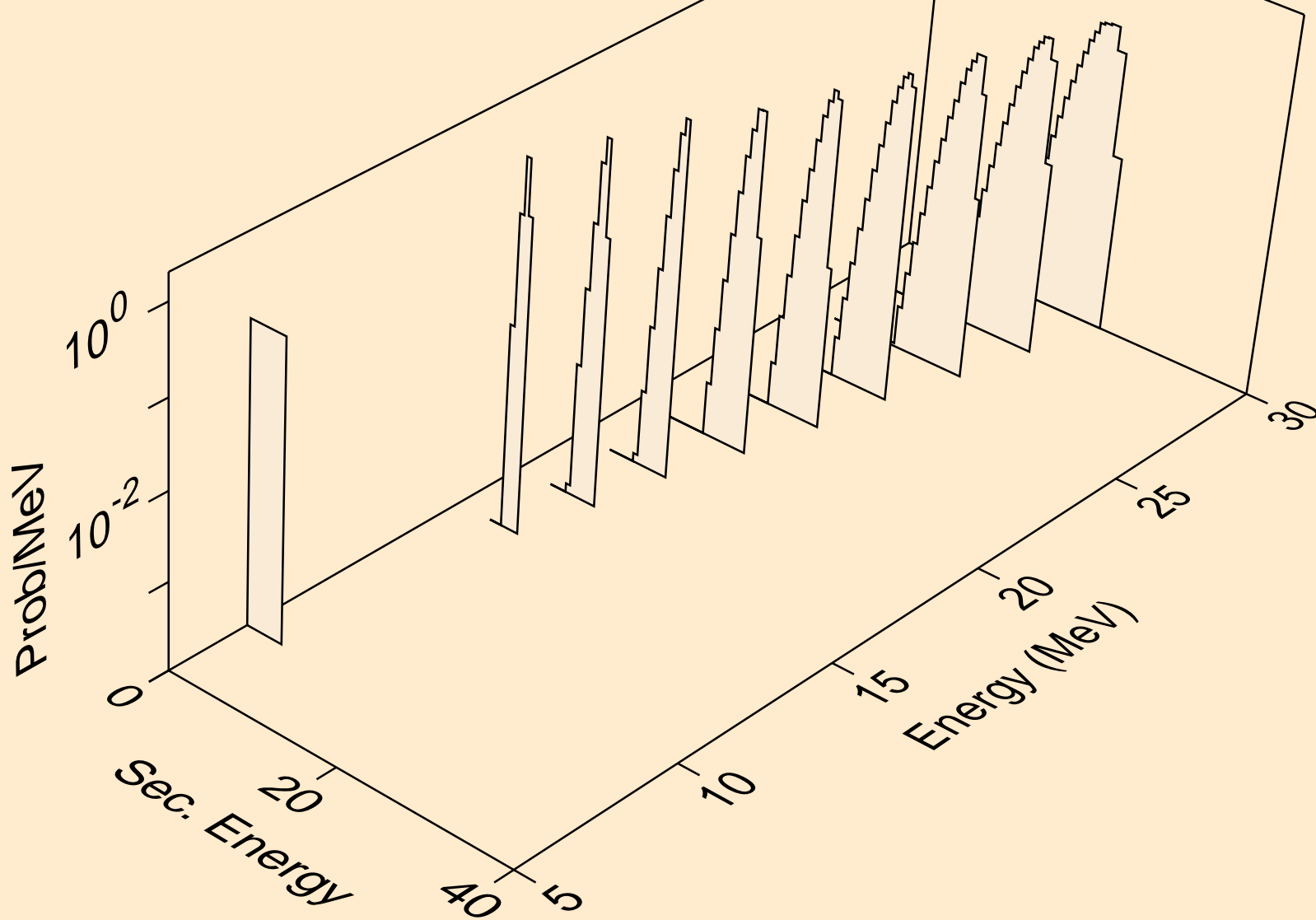
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



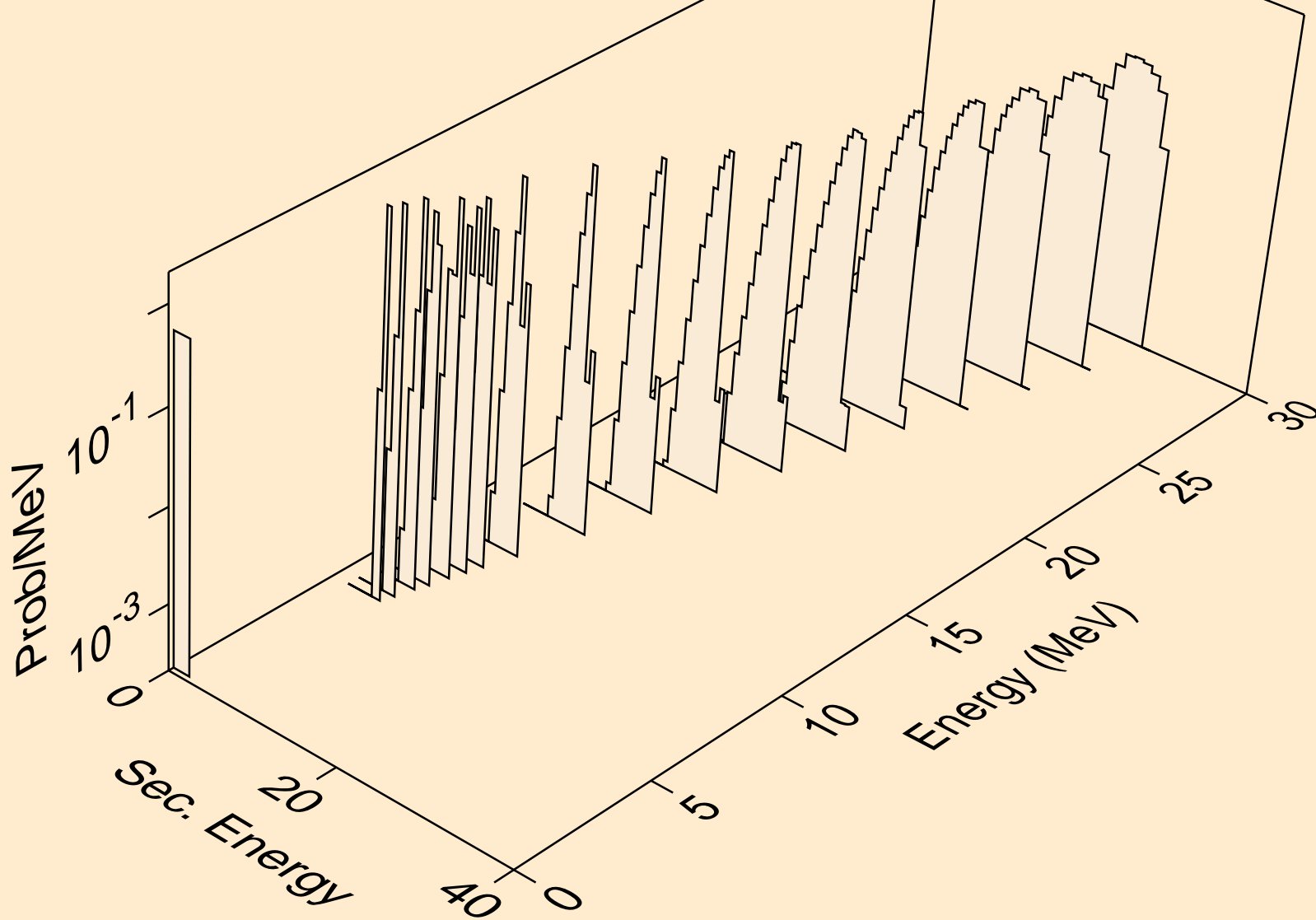
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



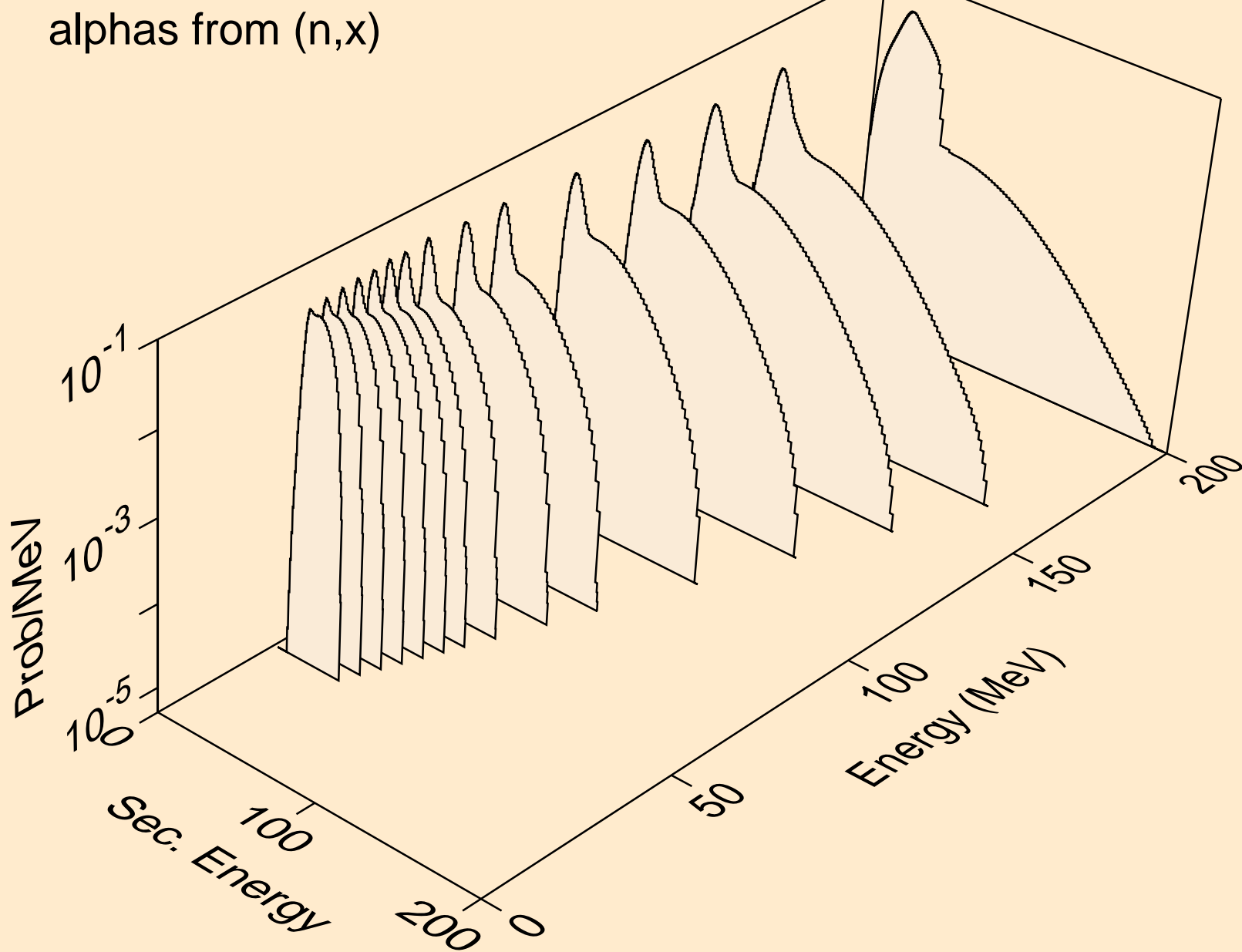
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



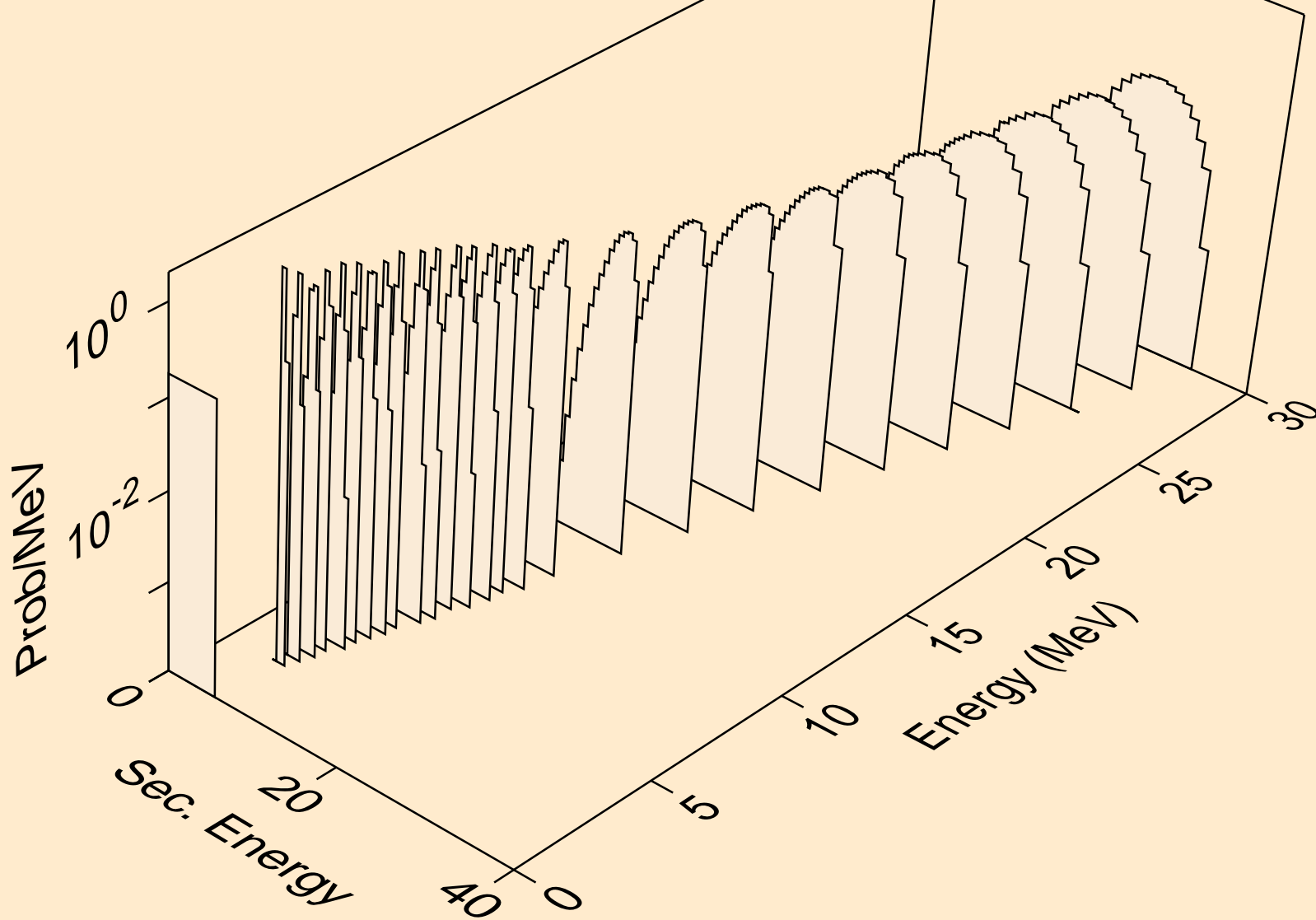
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



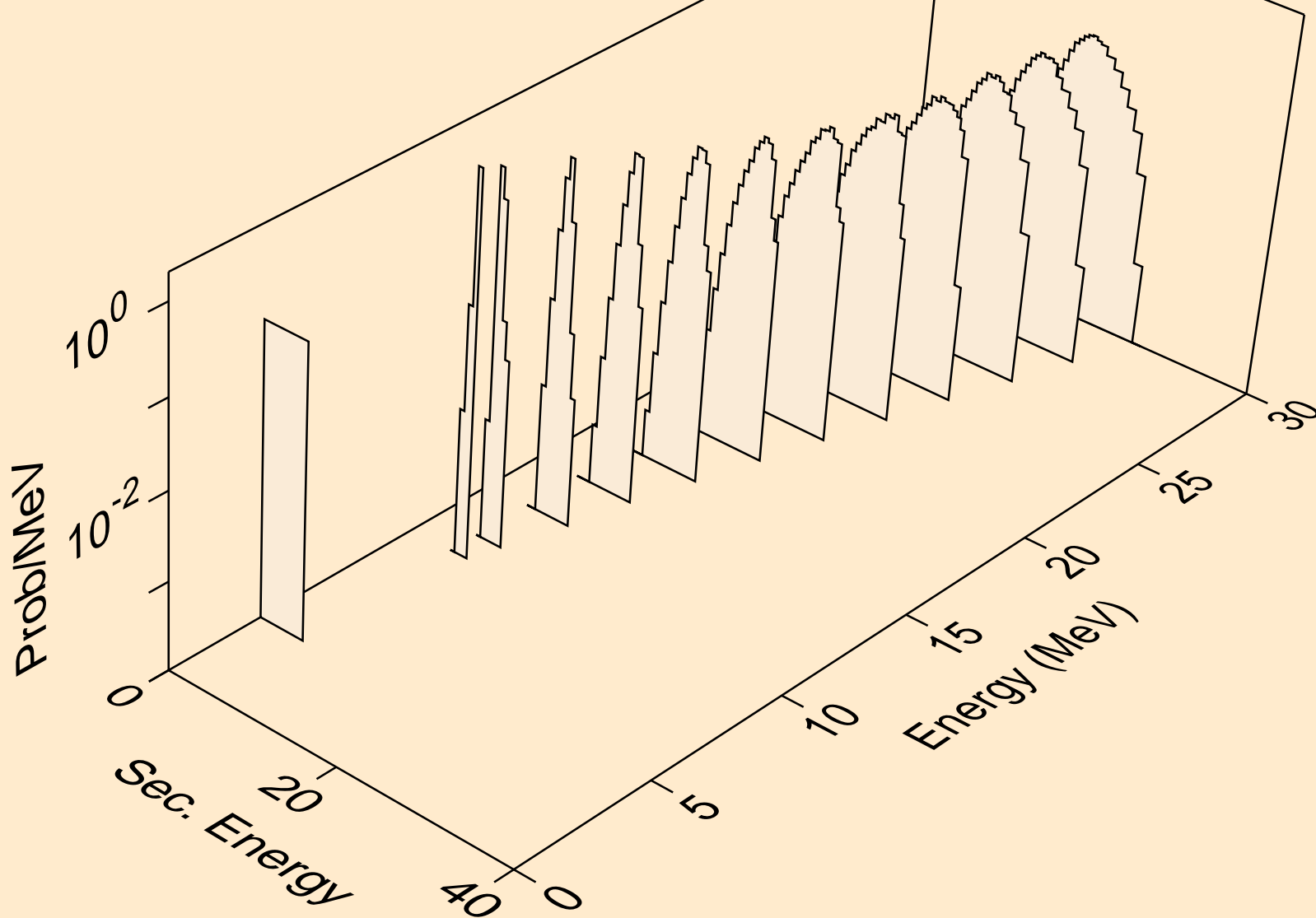
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



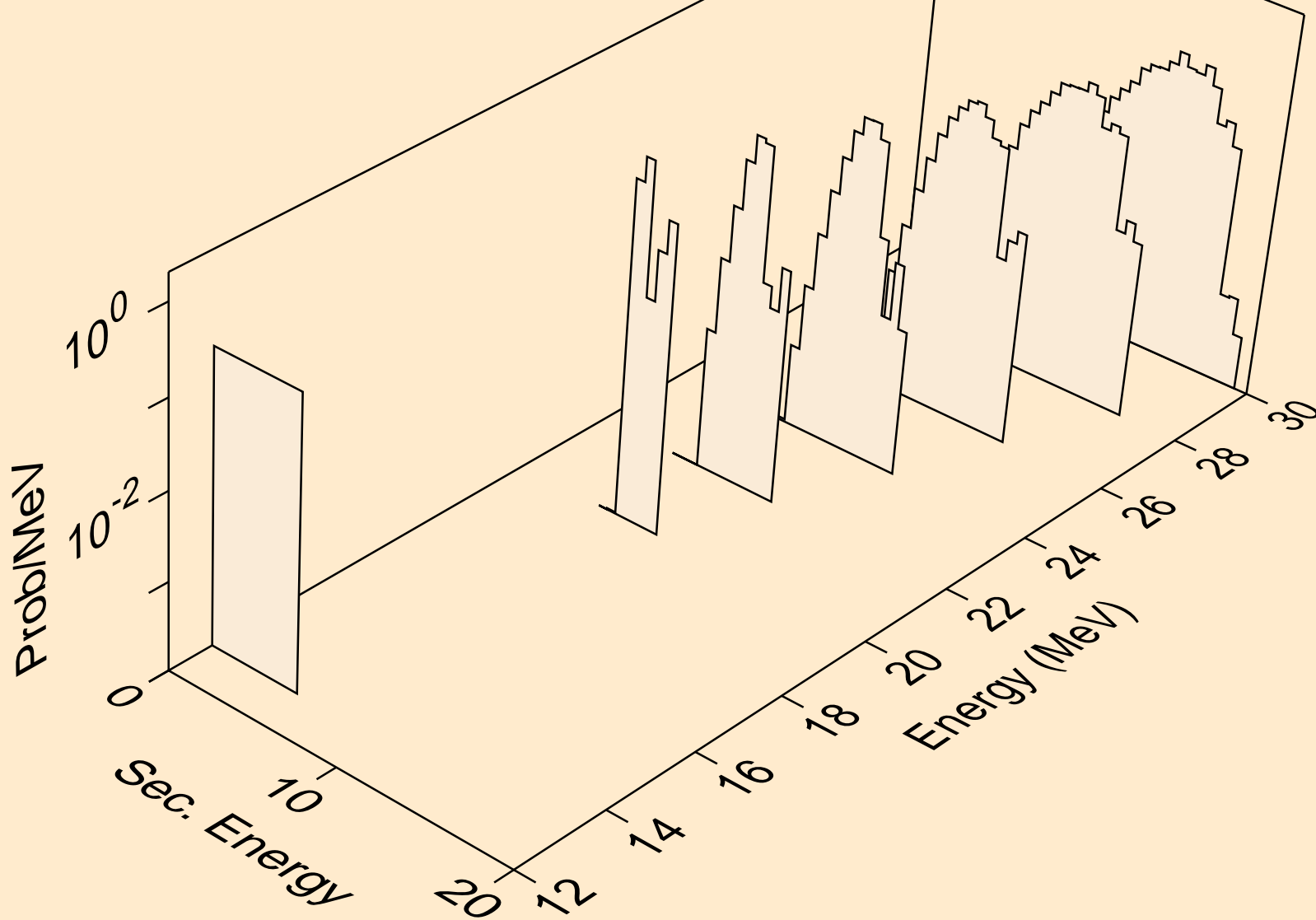
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

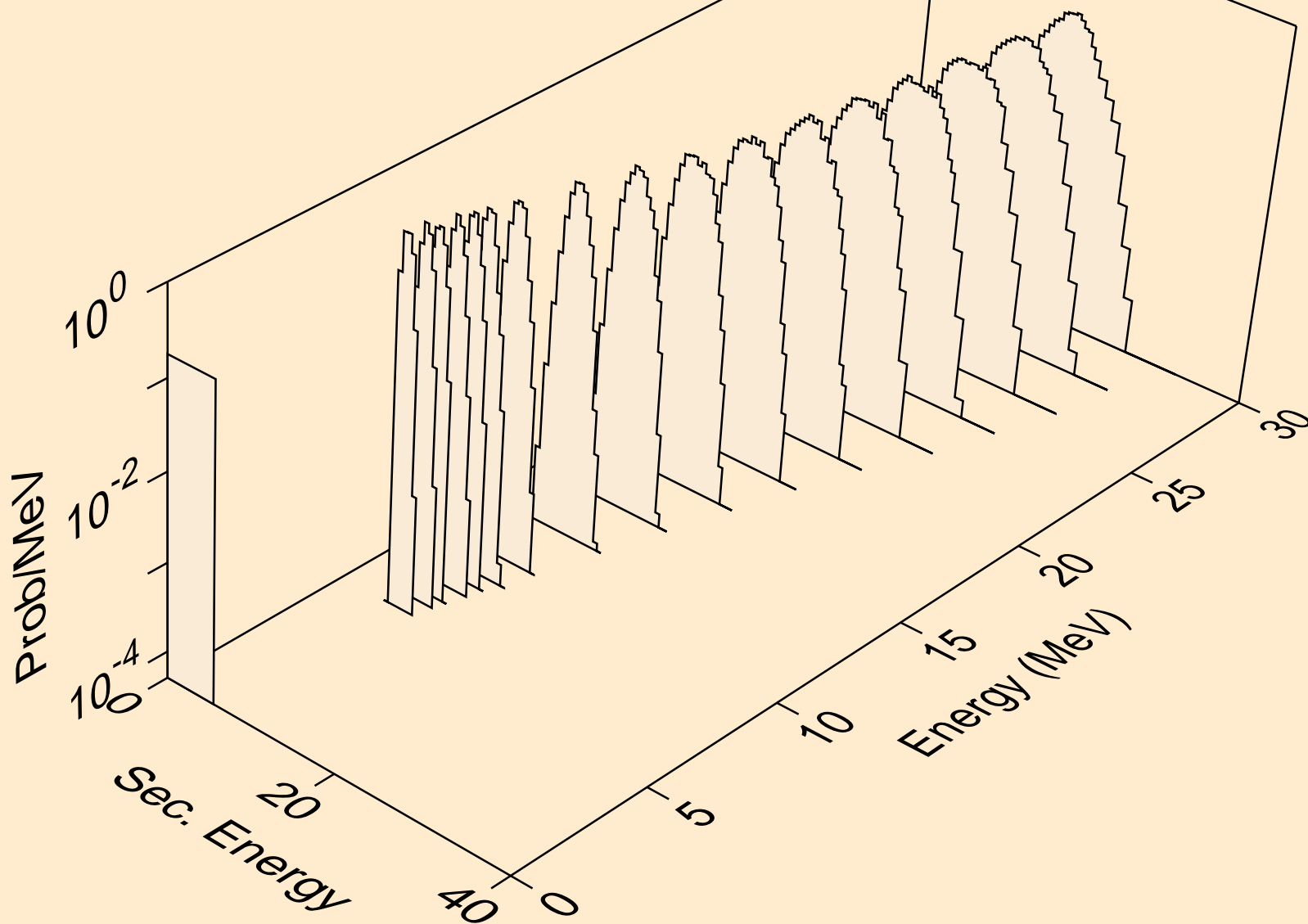


OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

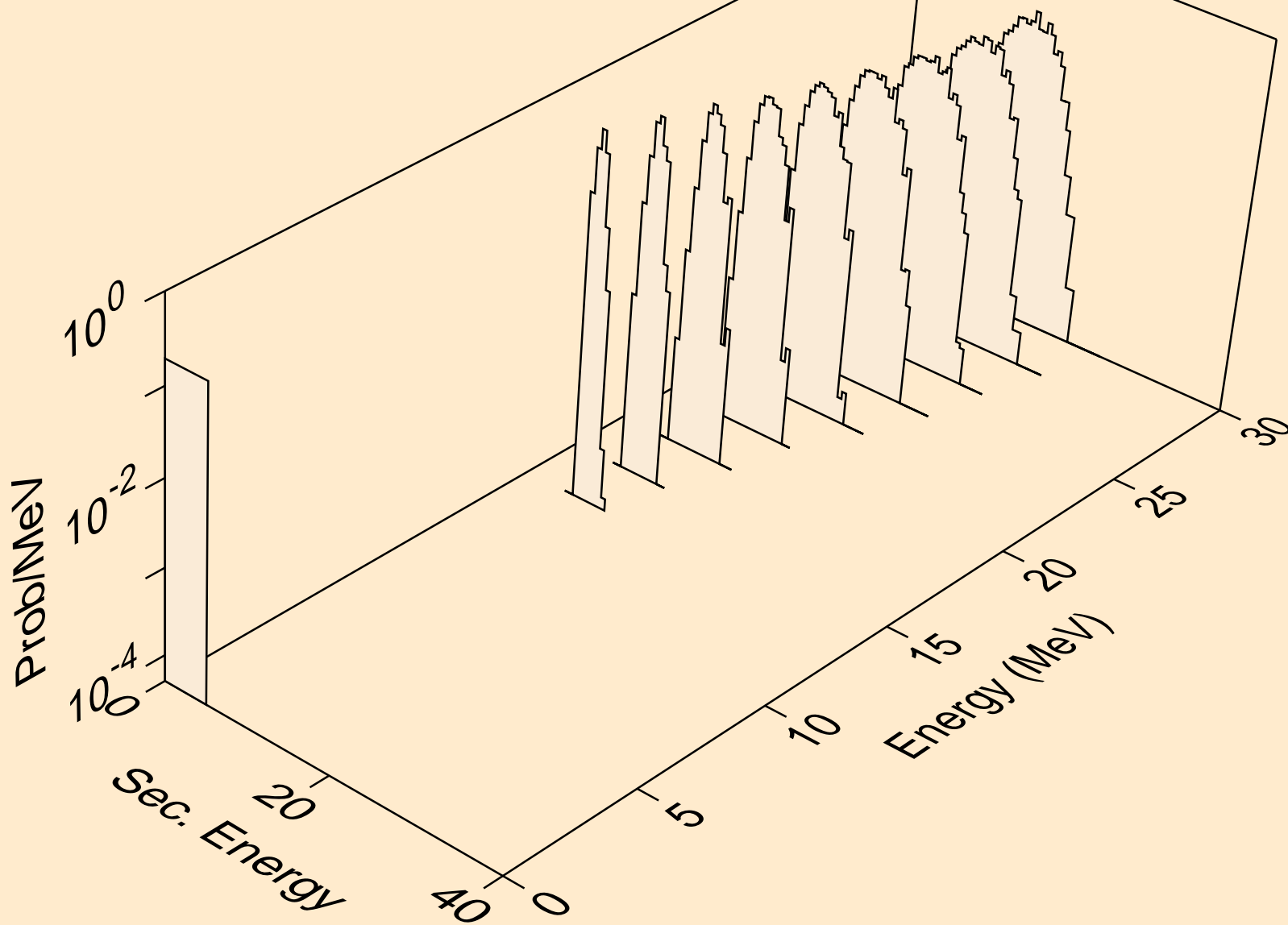




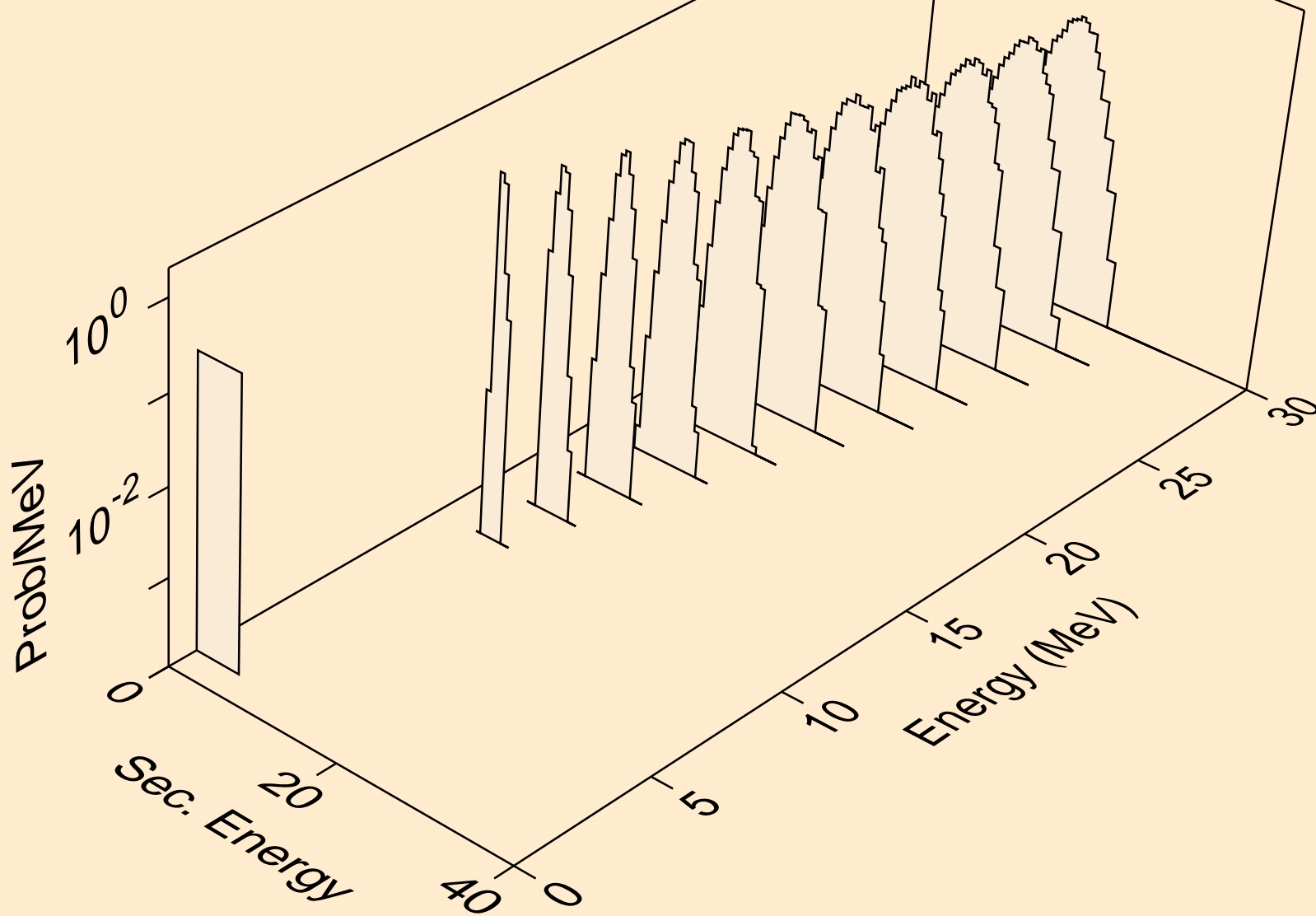
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



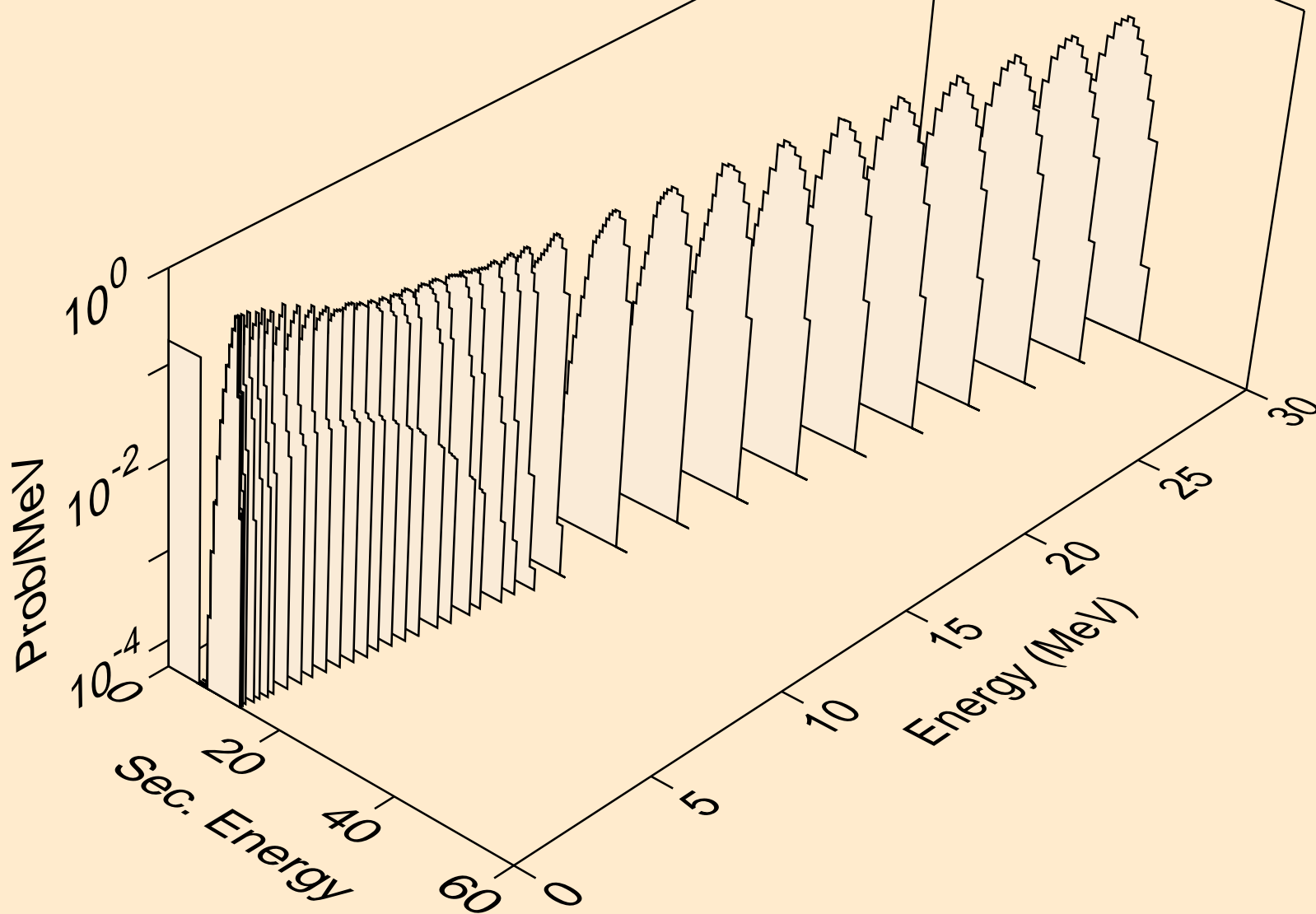
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



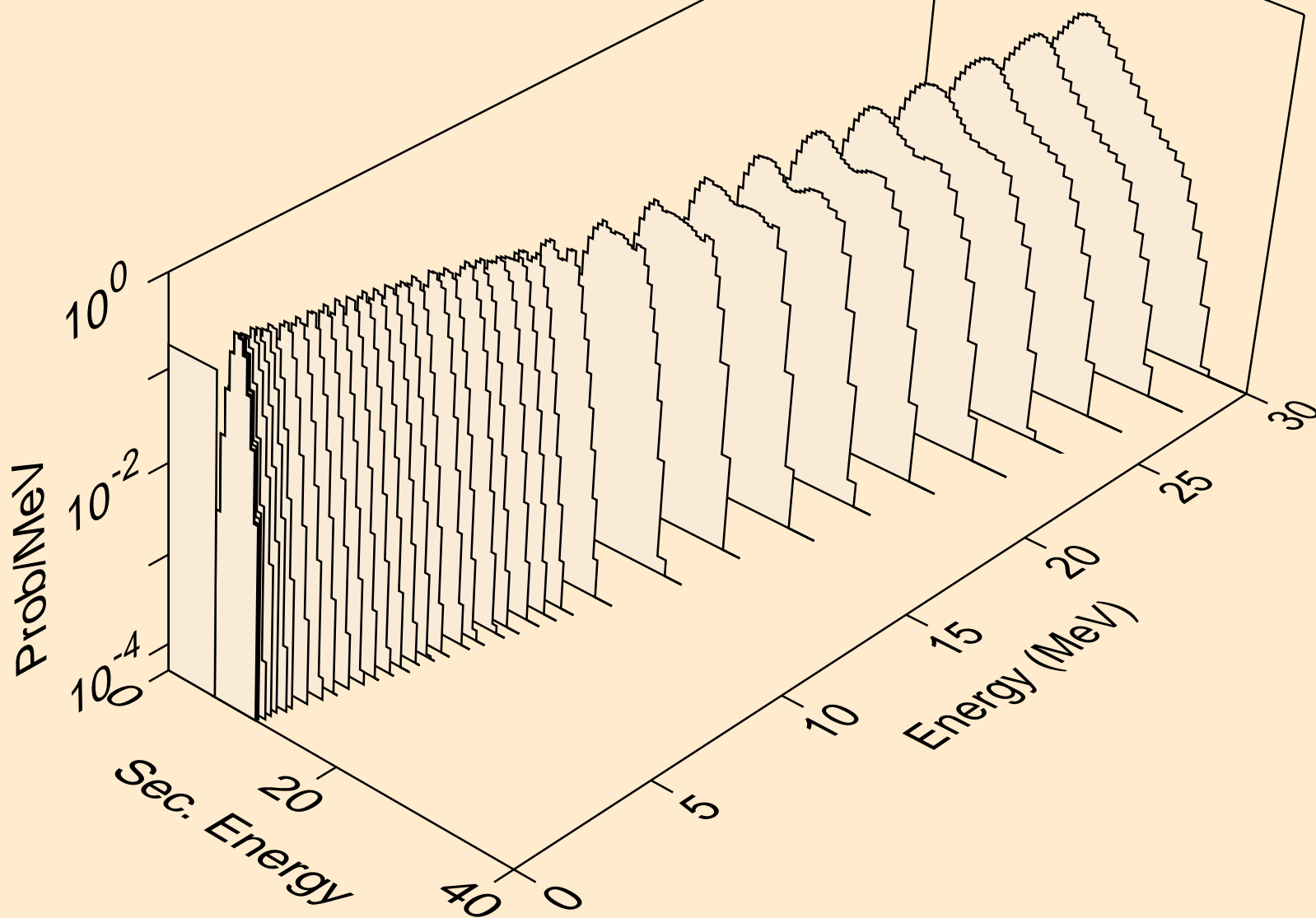
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



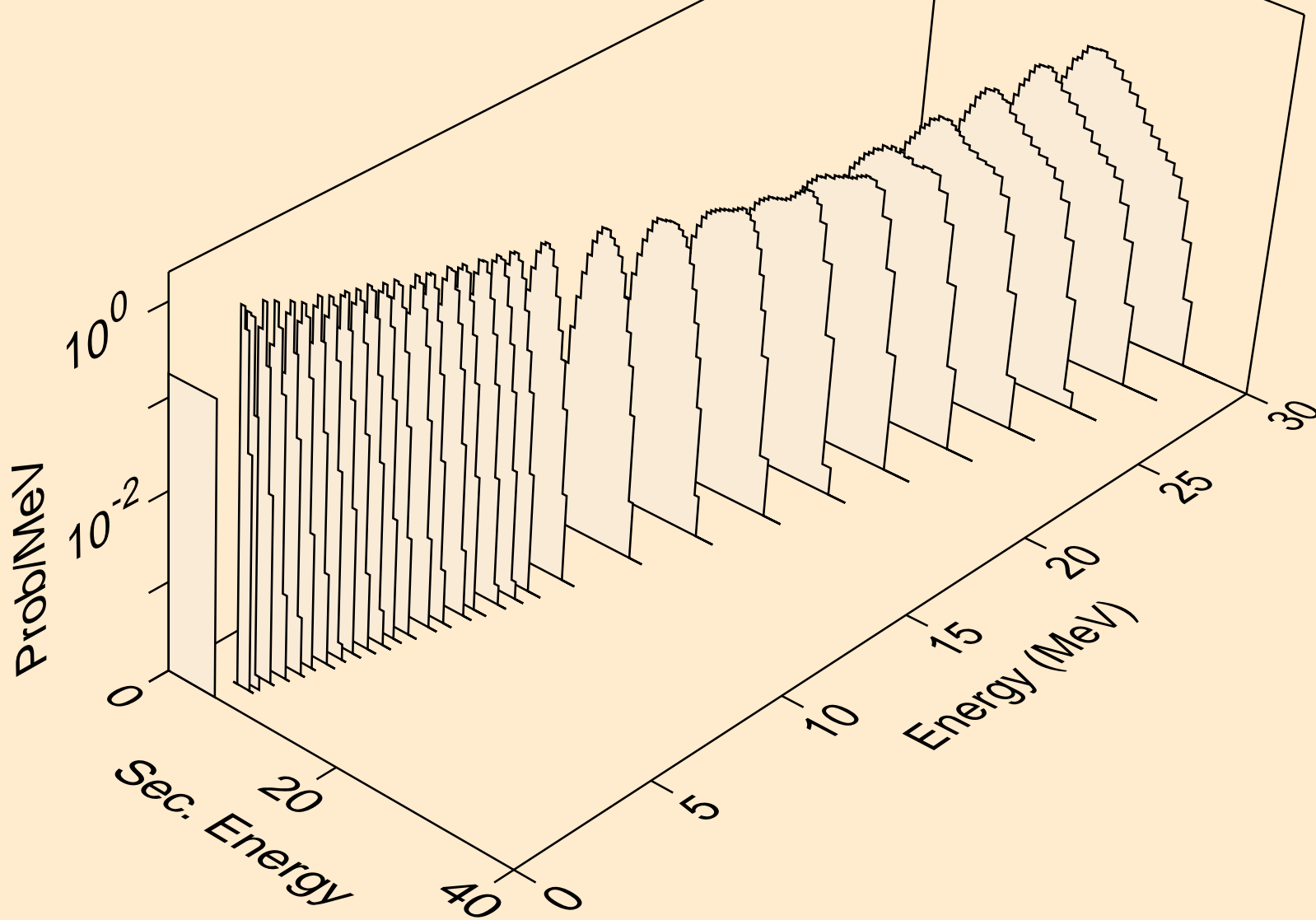
OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,p)



OS179 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

