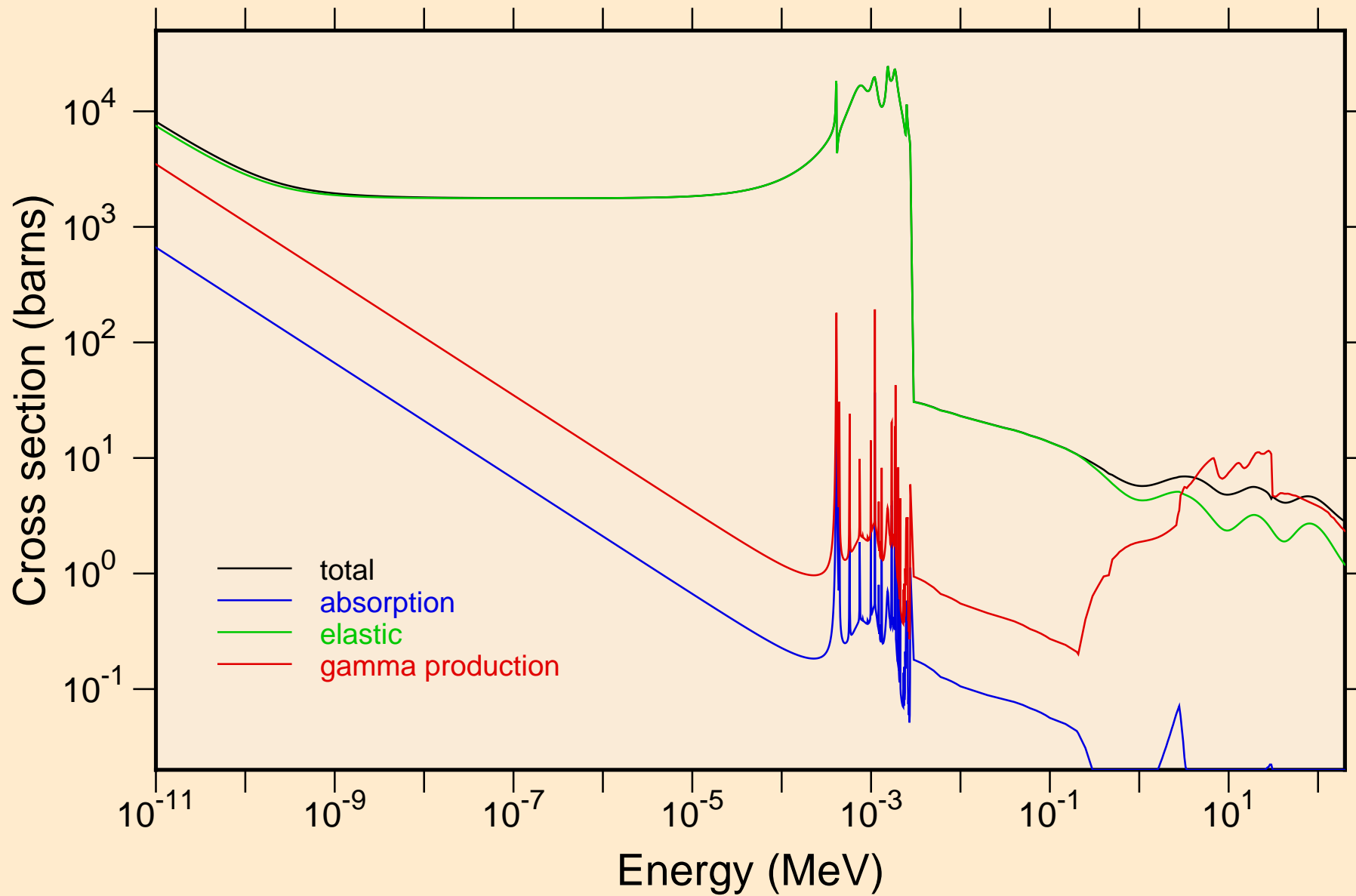
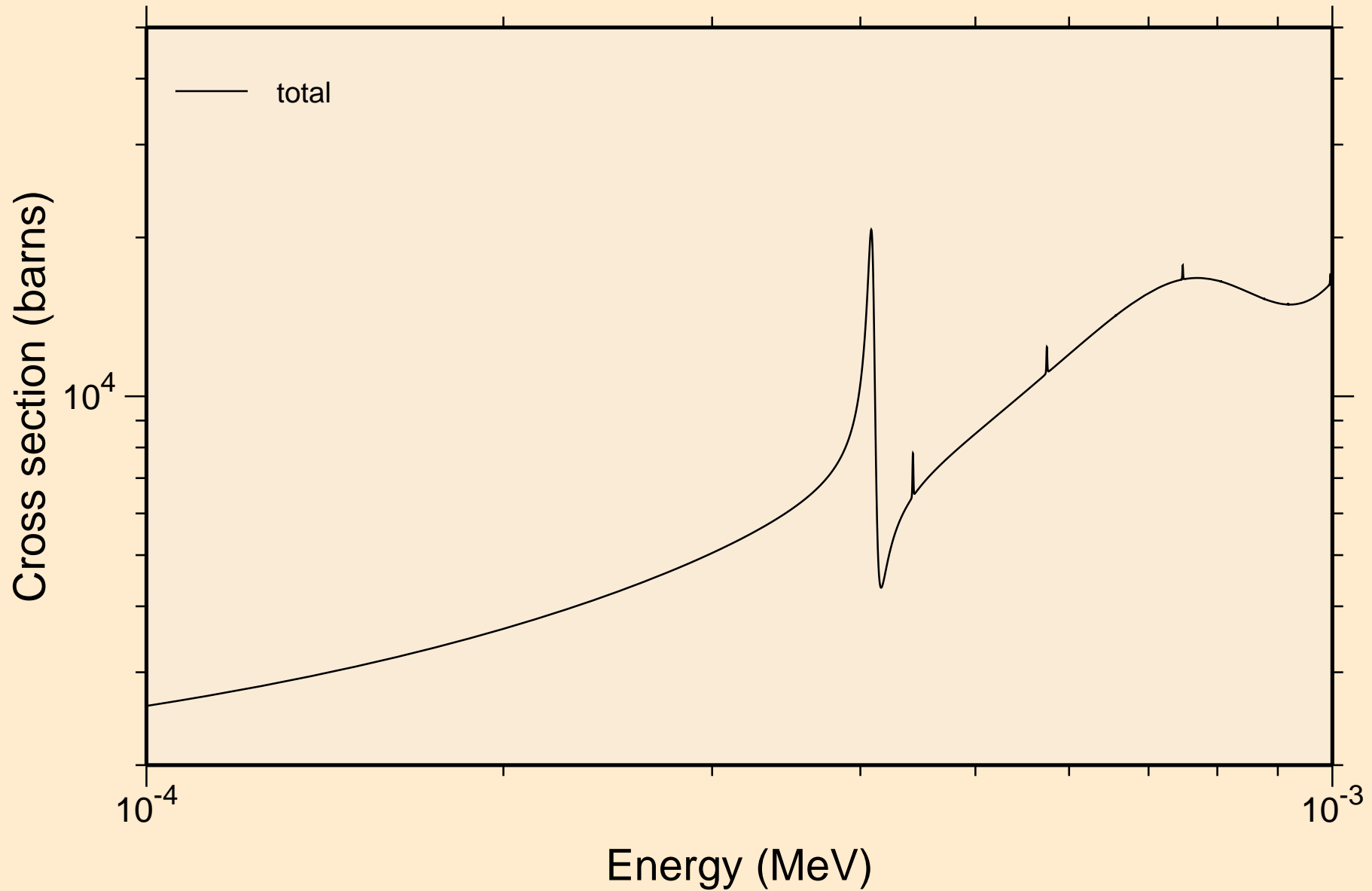


# W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

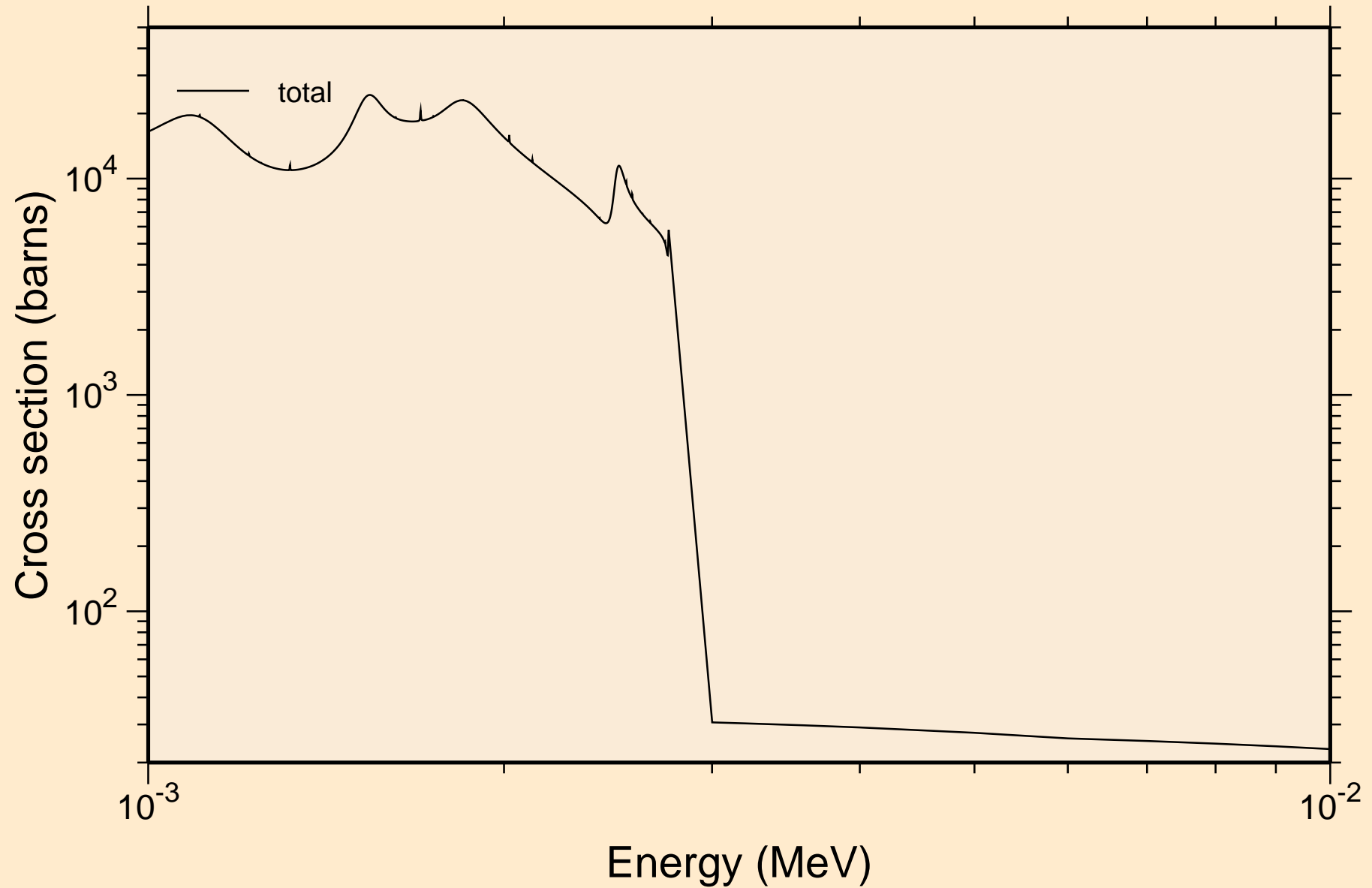
## Principal cross sections



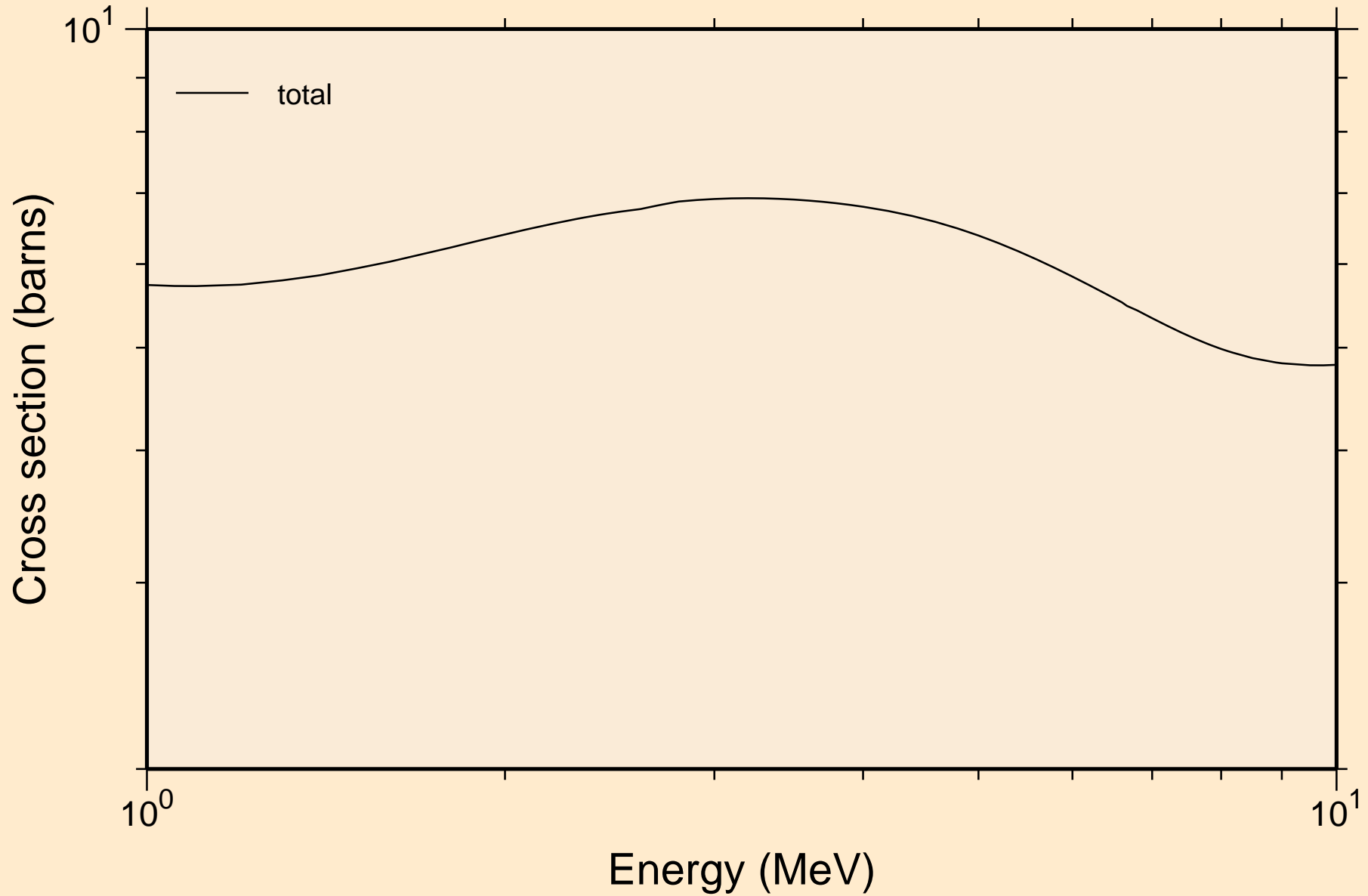
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



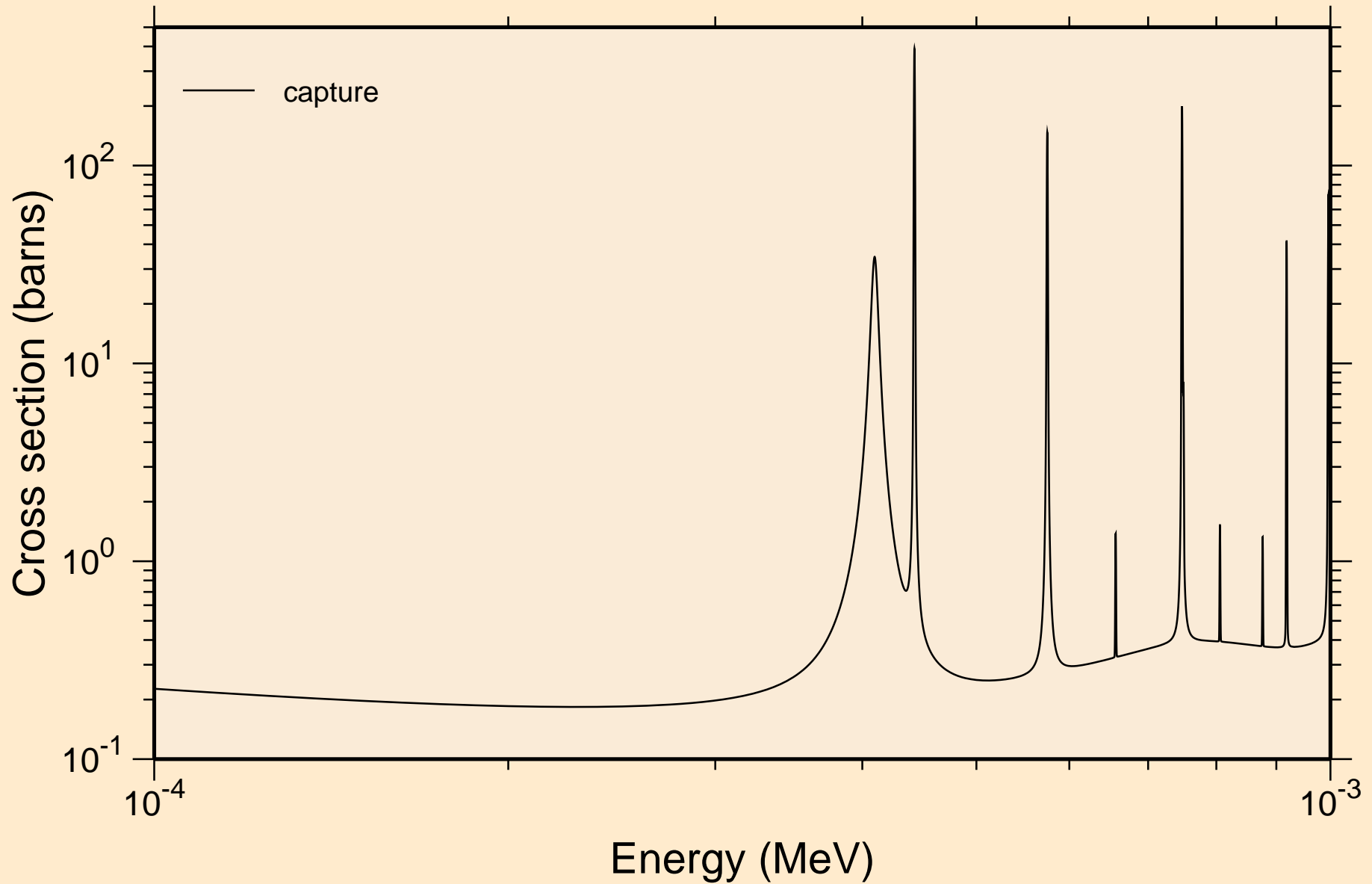
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



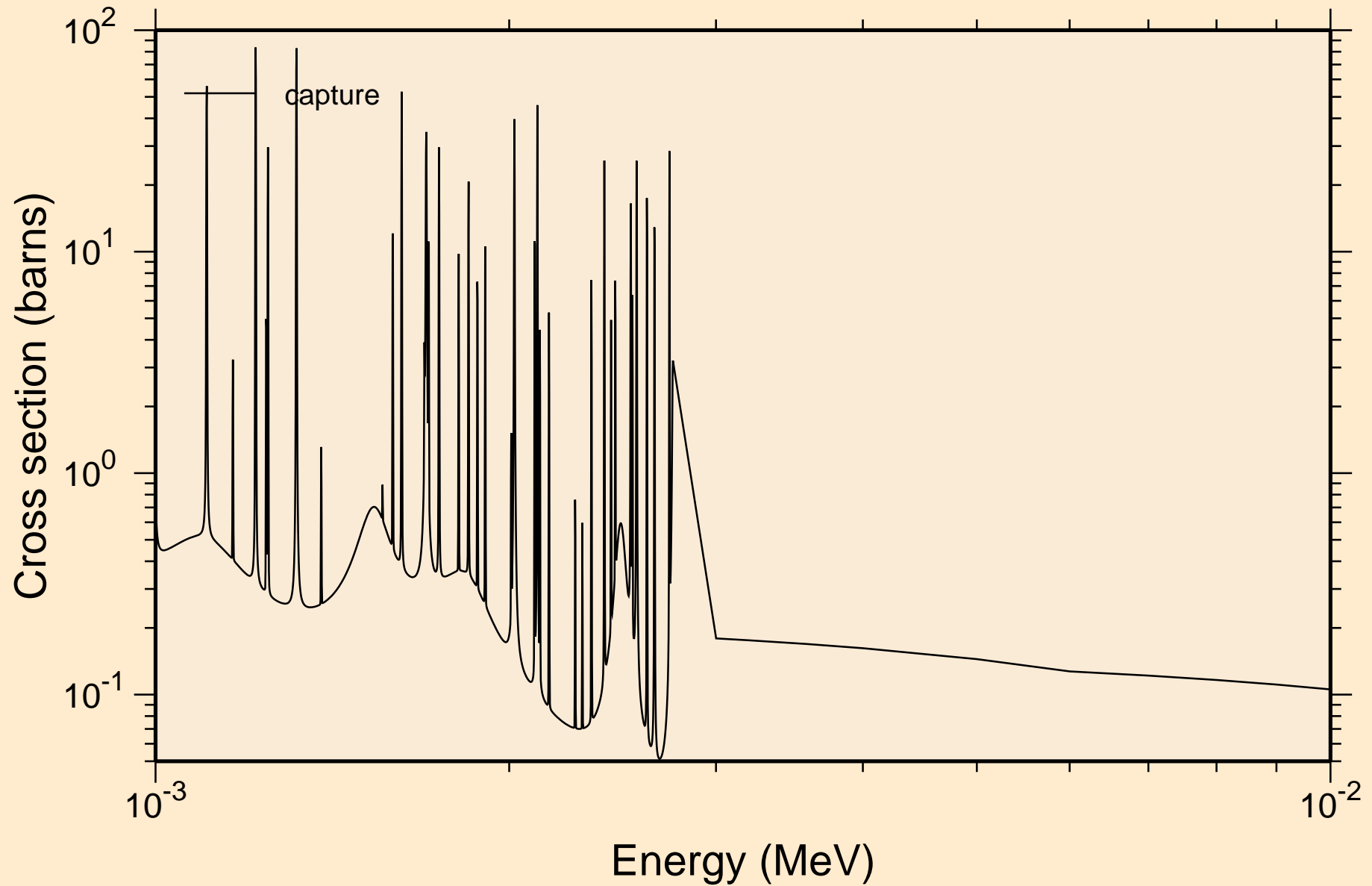
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



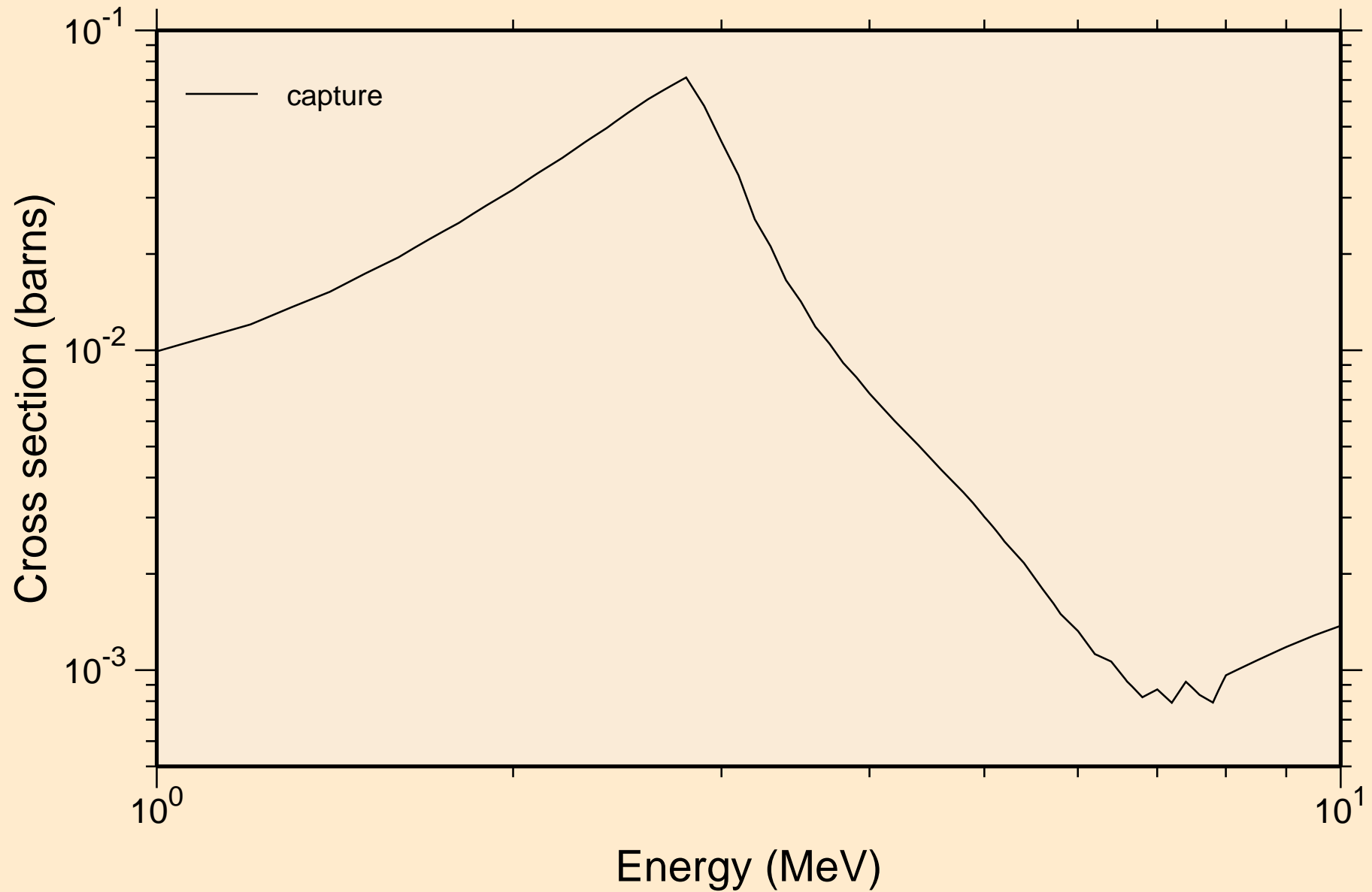
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



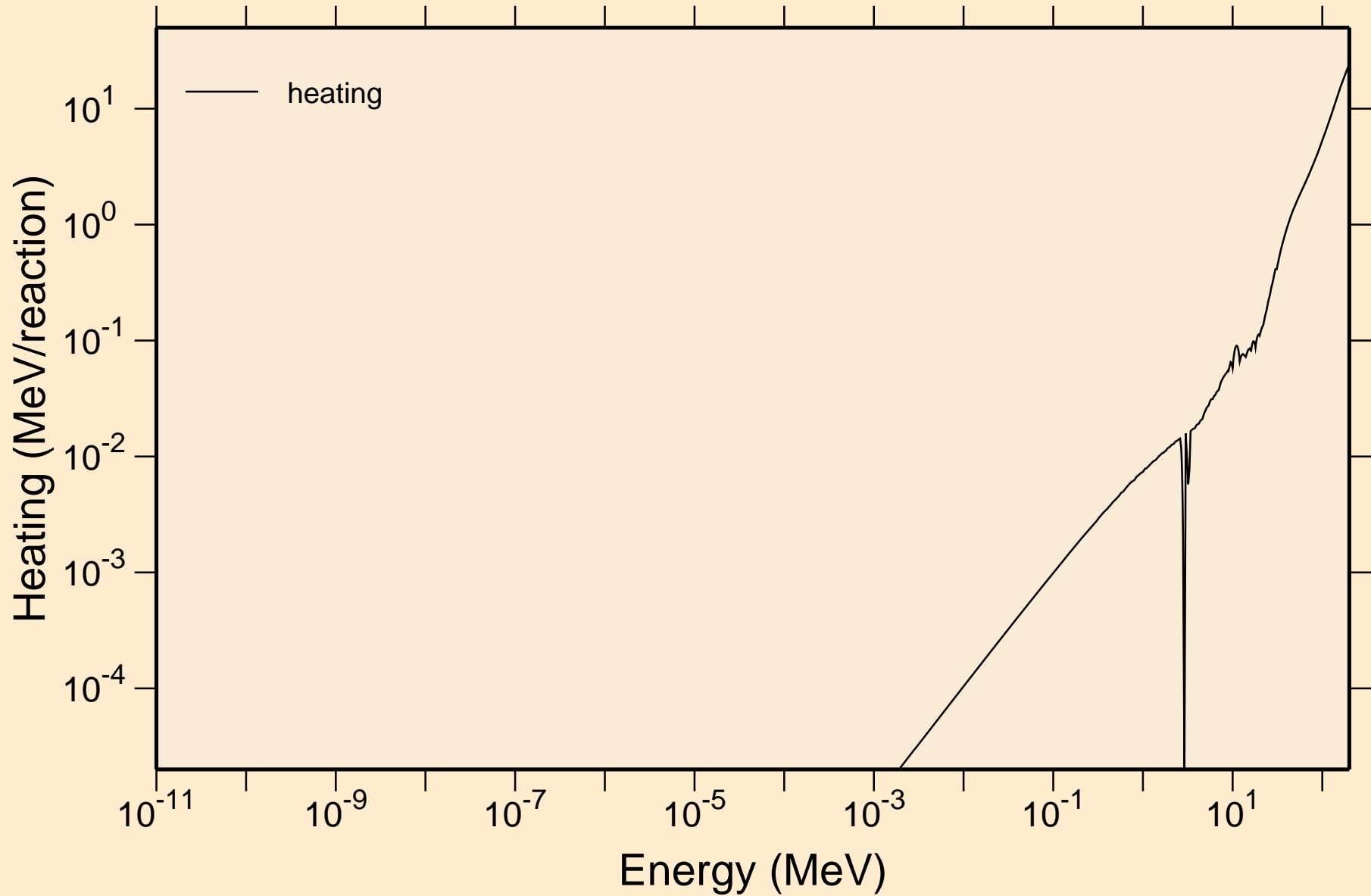
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



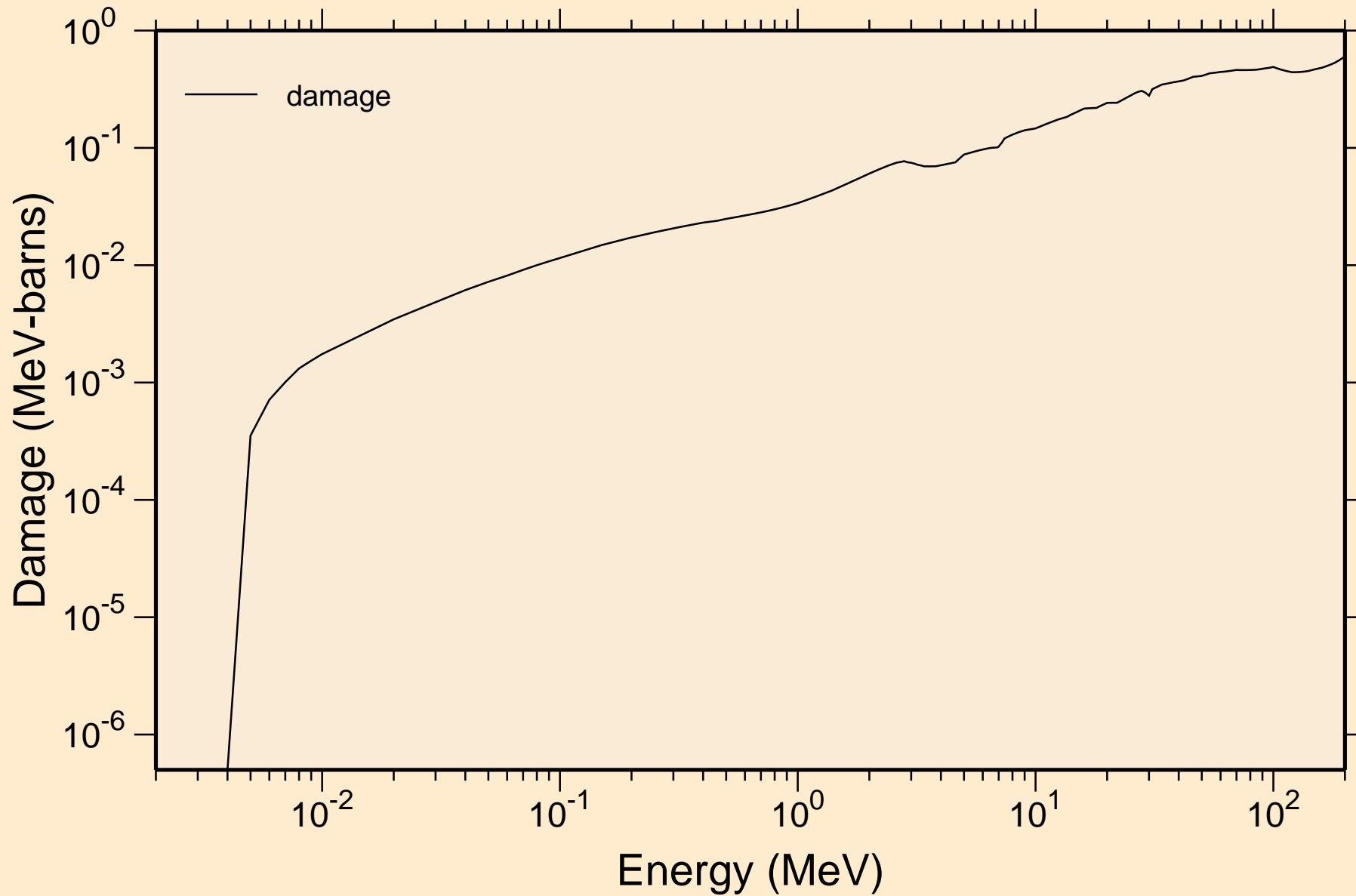
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



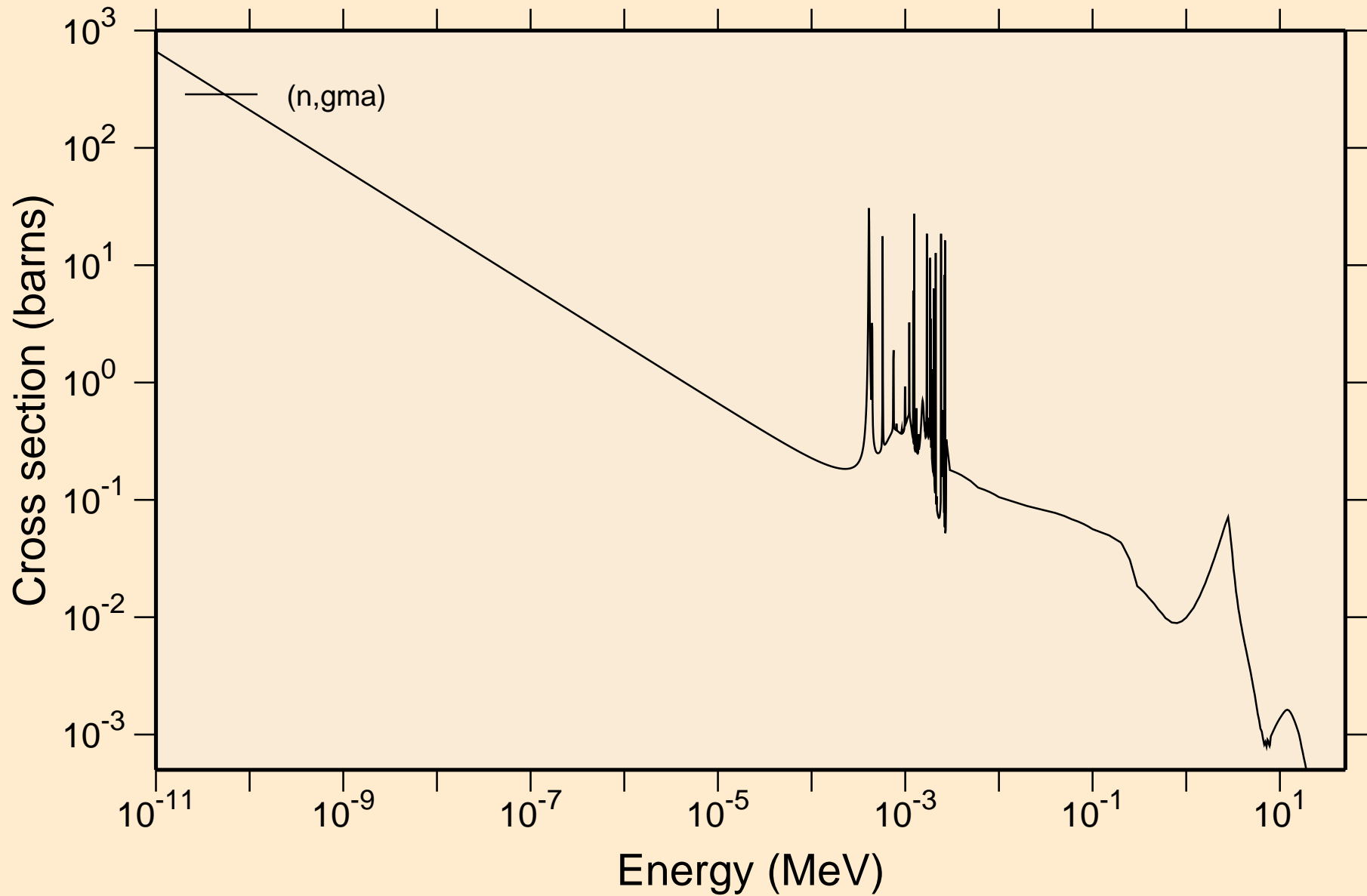
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



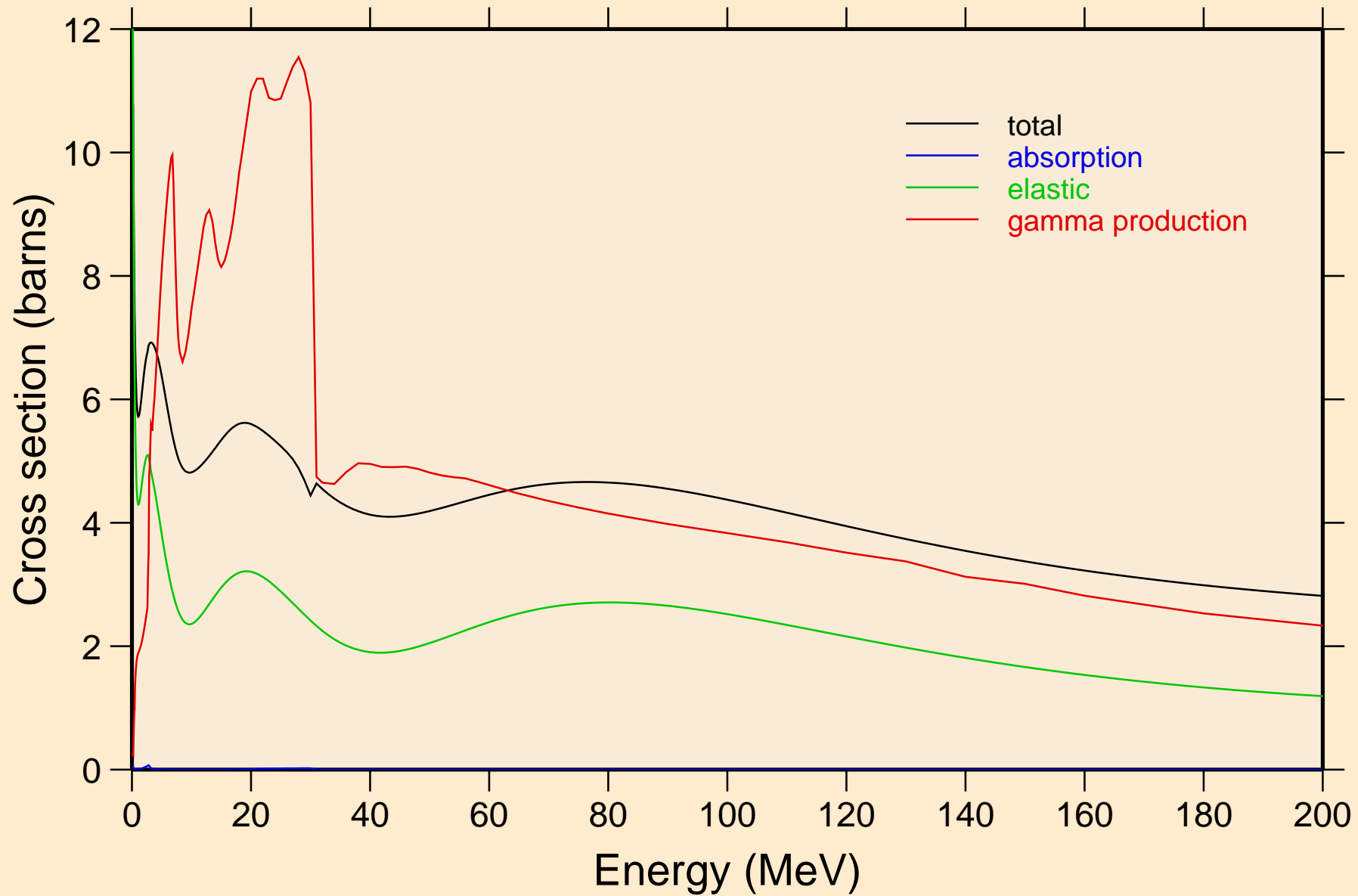
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



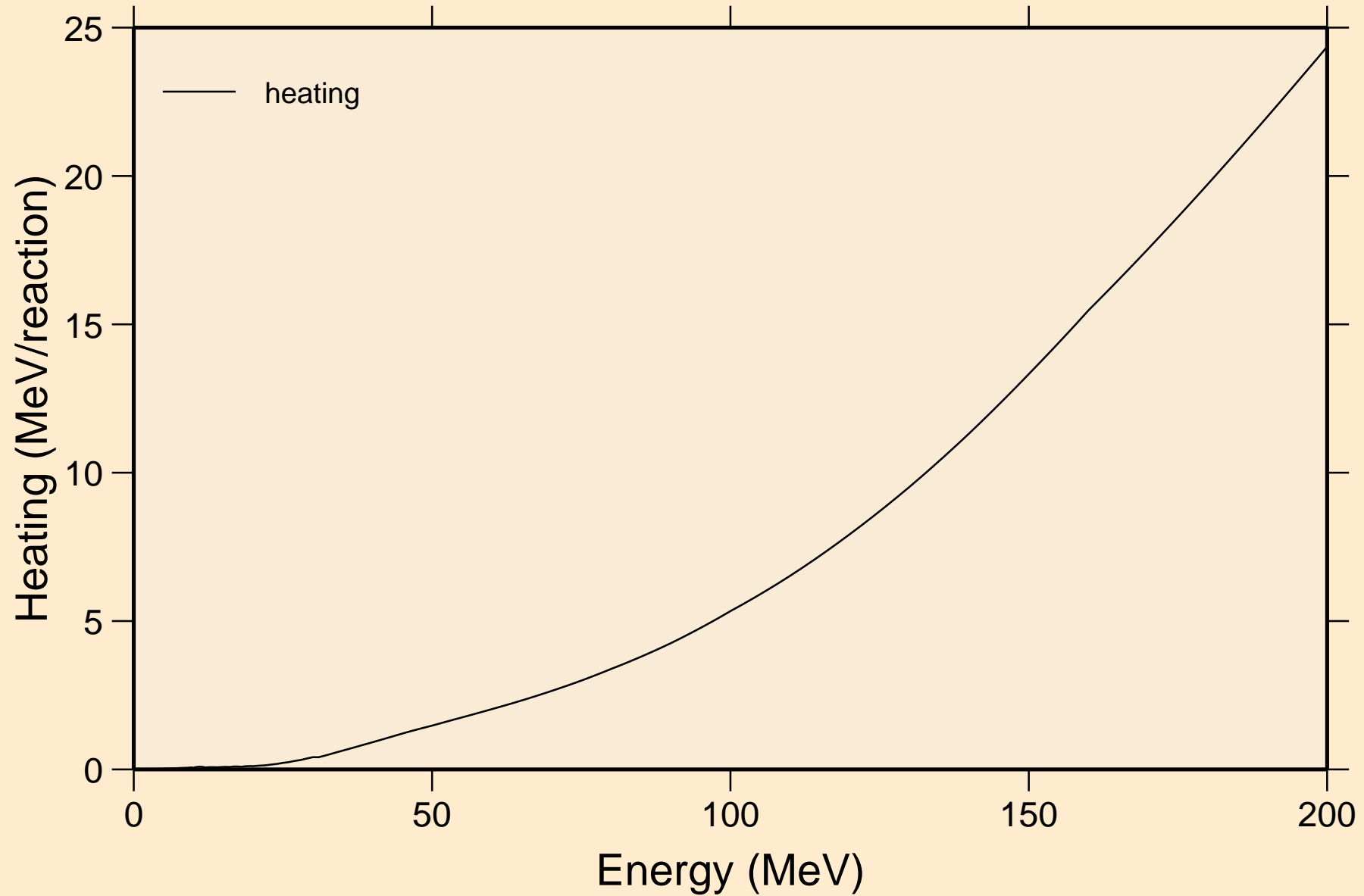
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



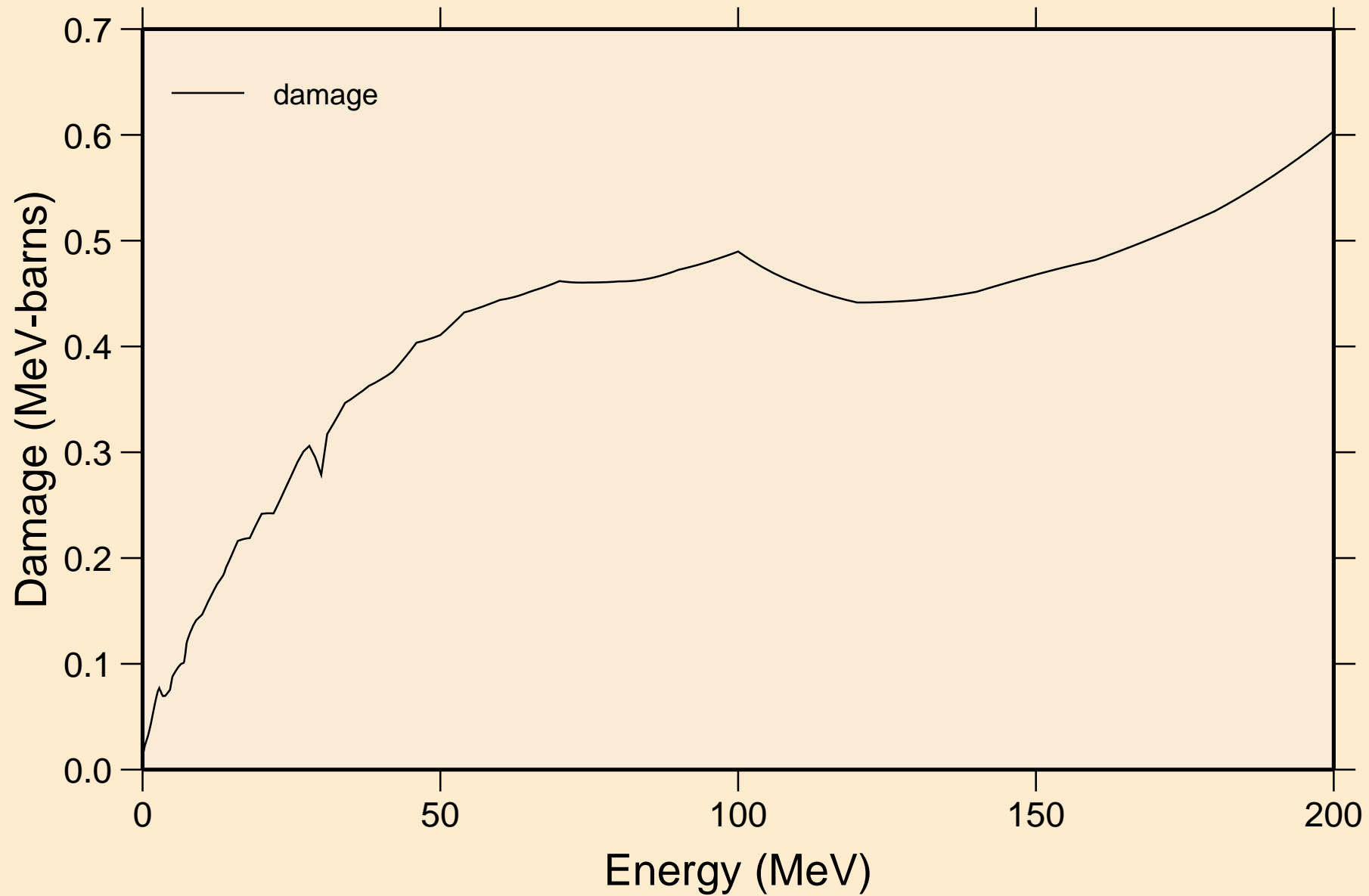
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



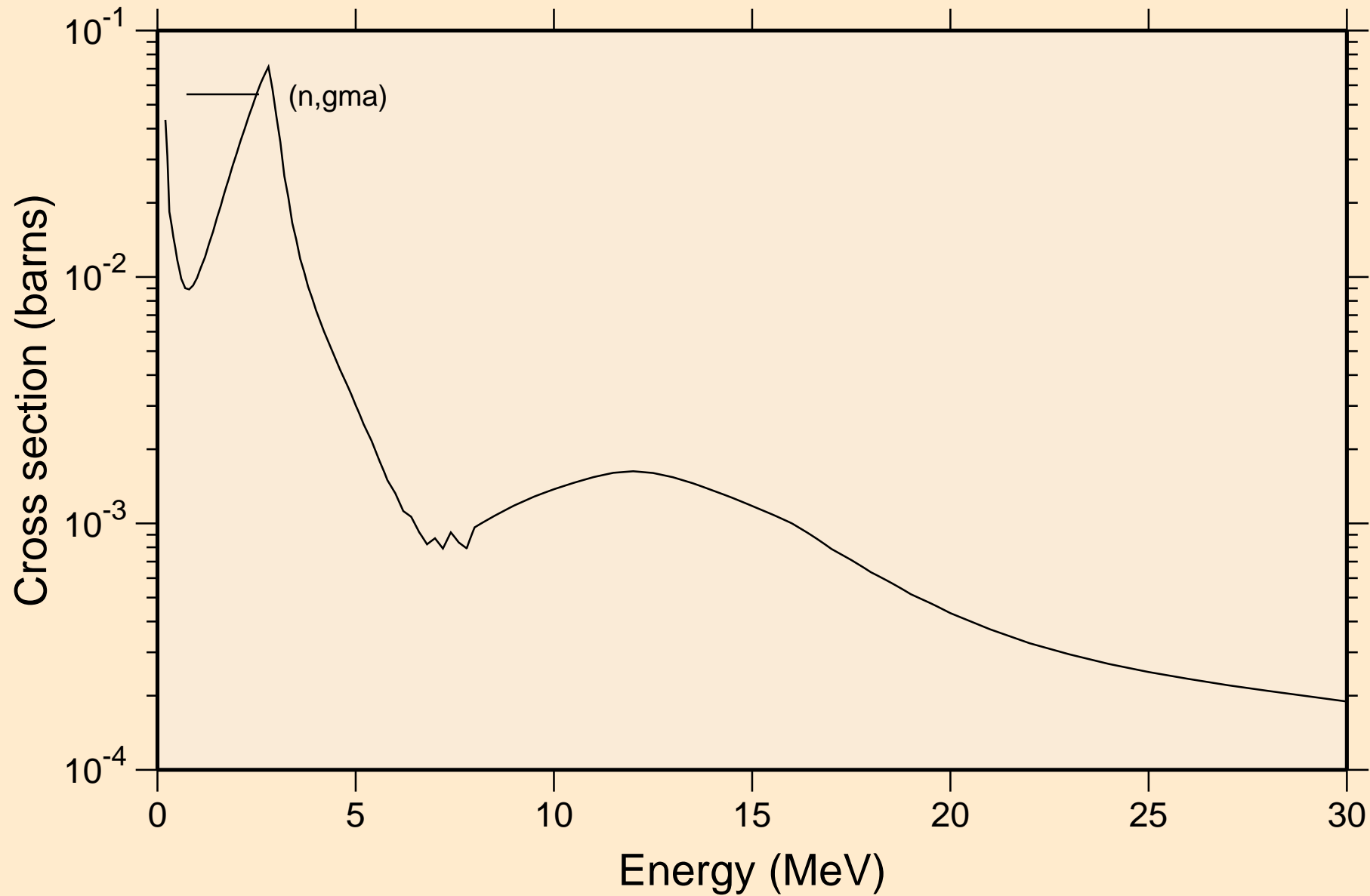
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



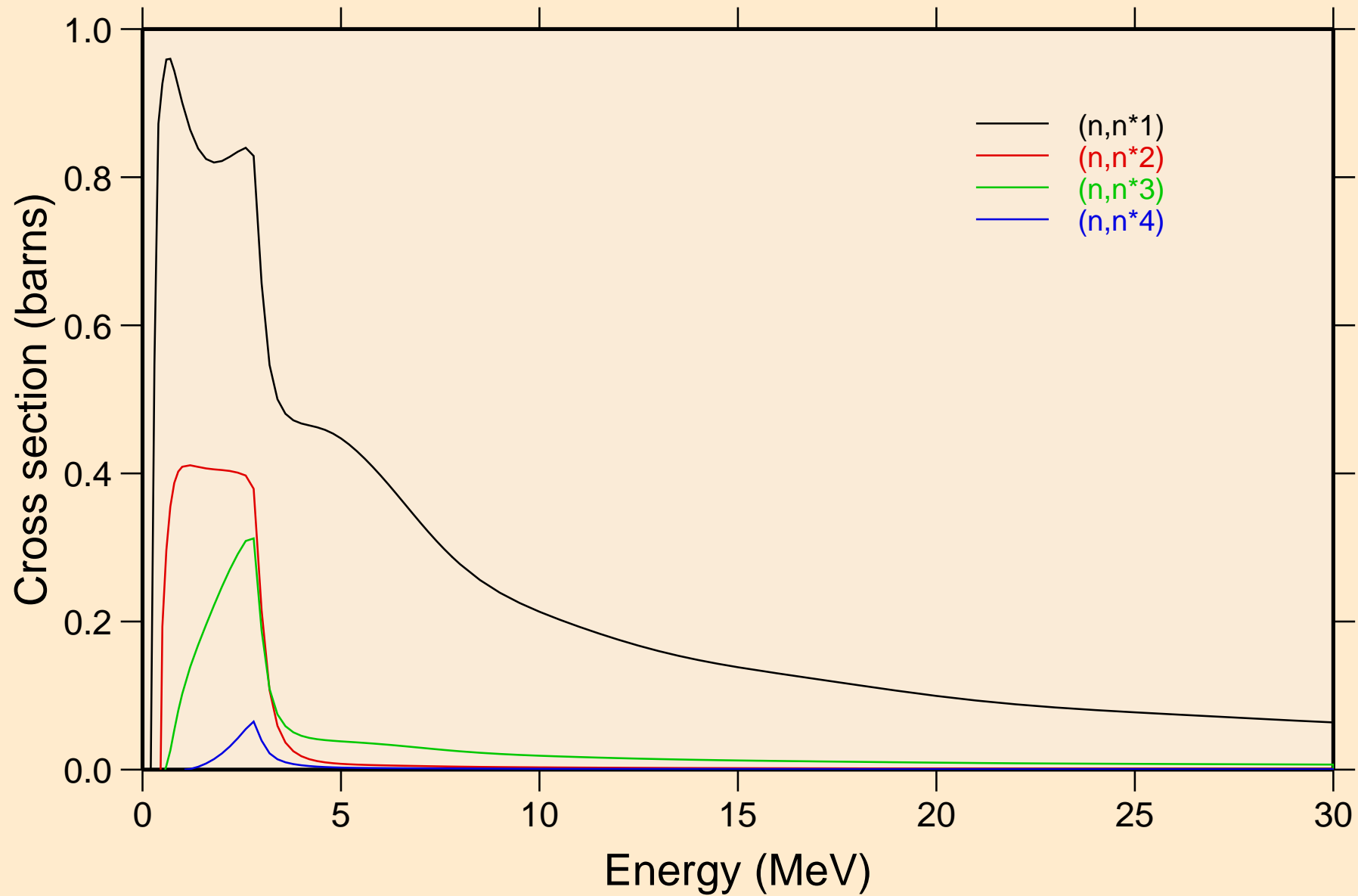
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



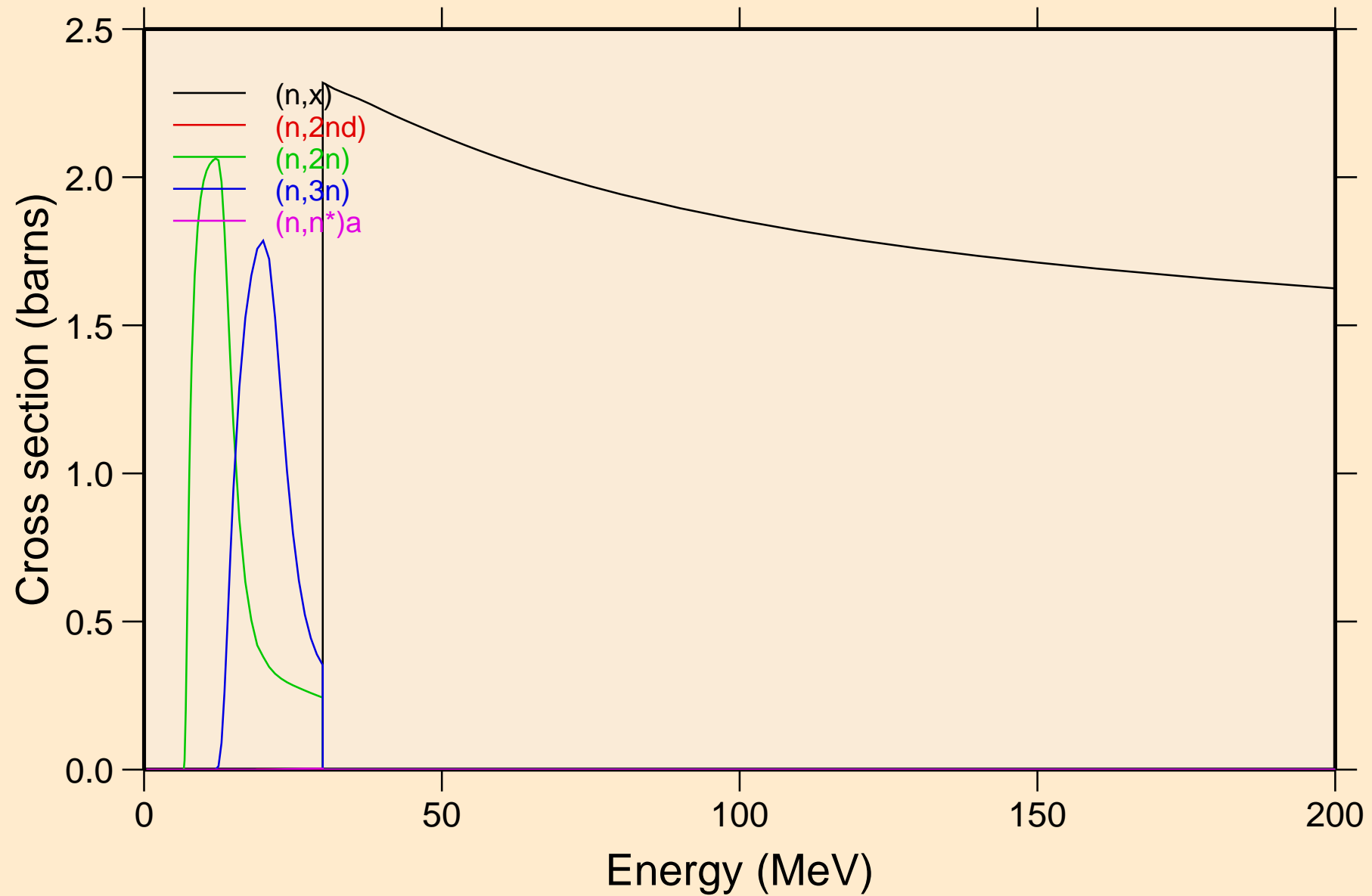
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



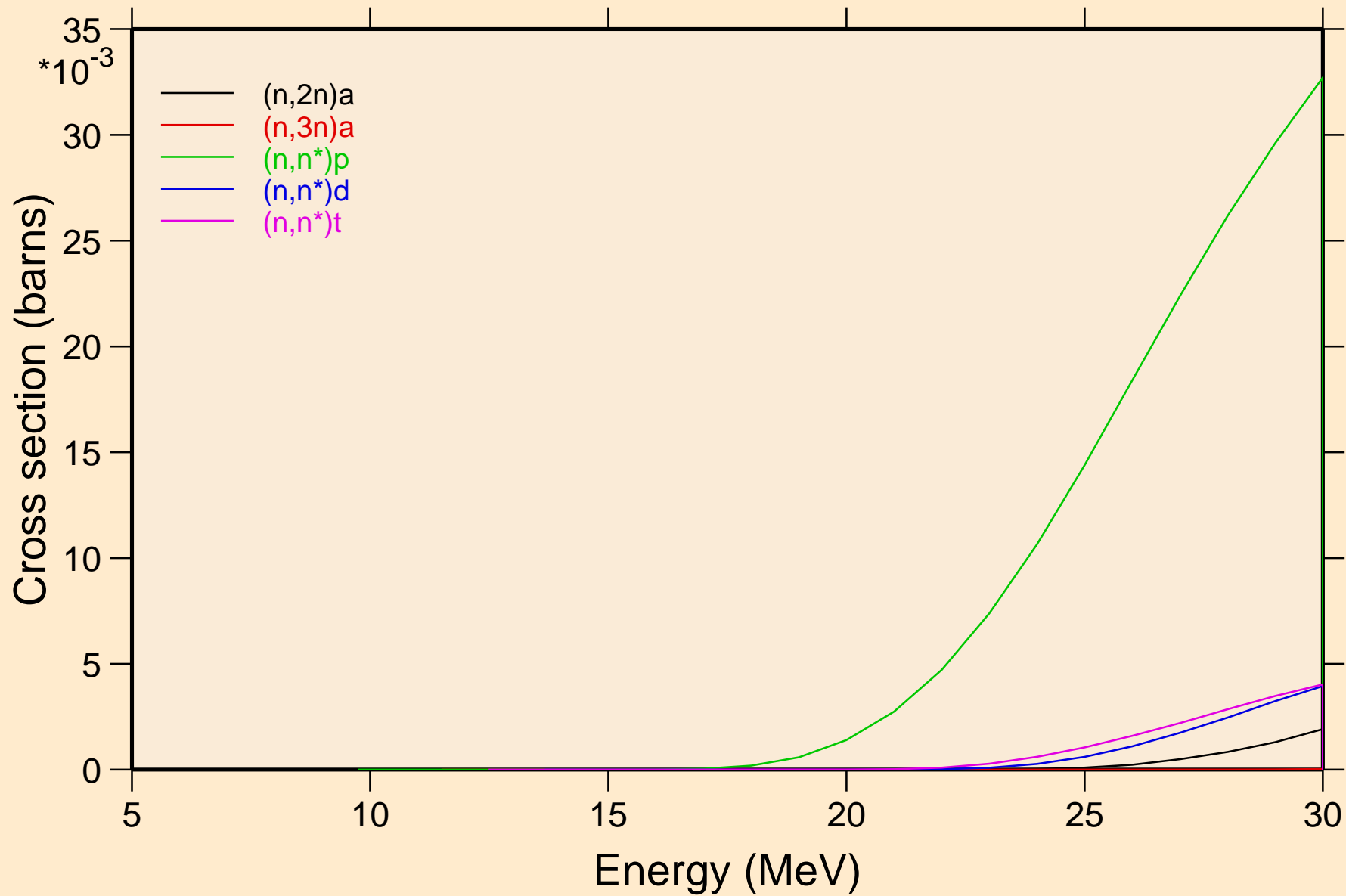
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



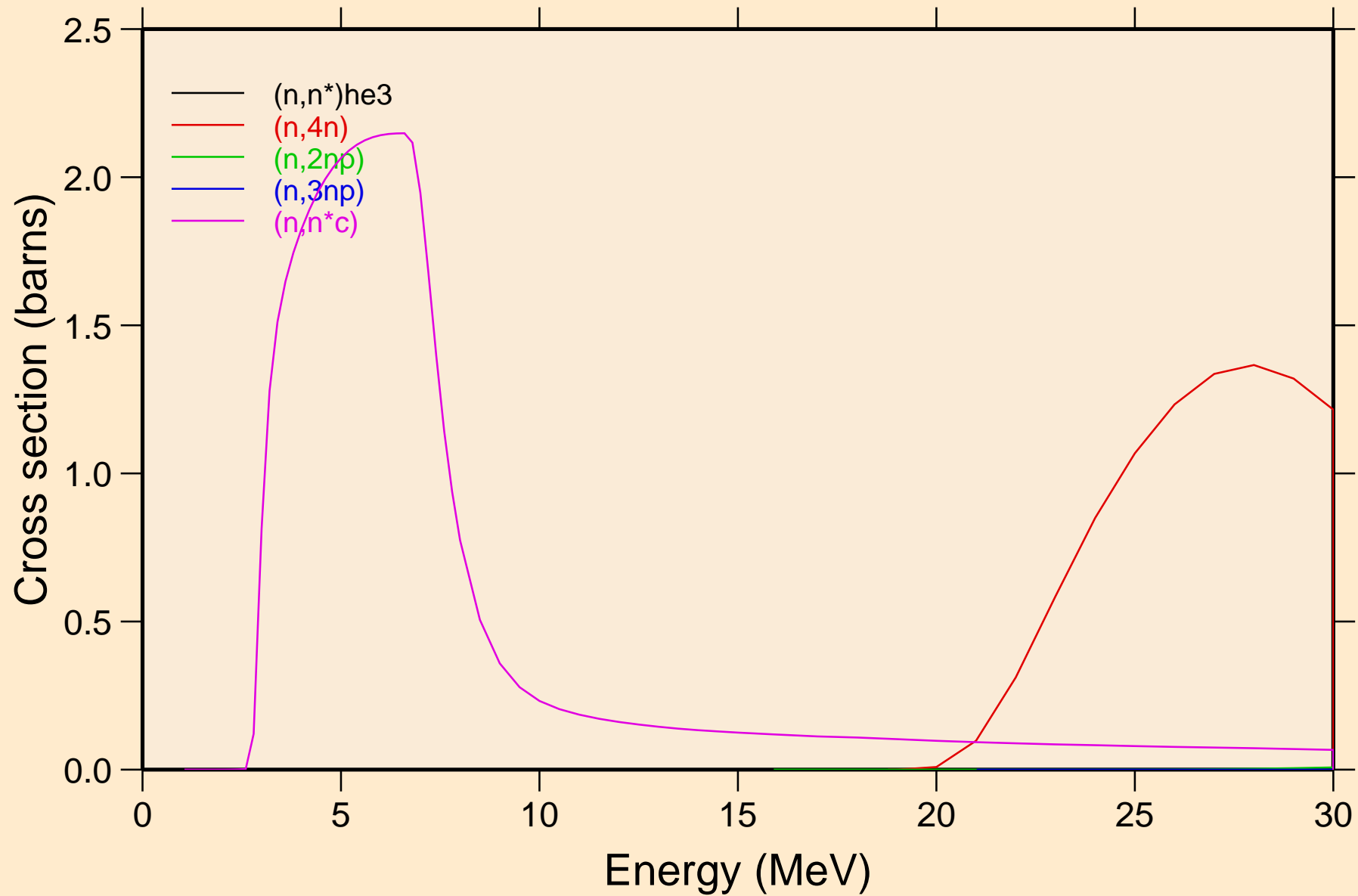
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



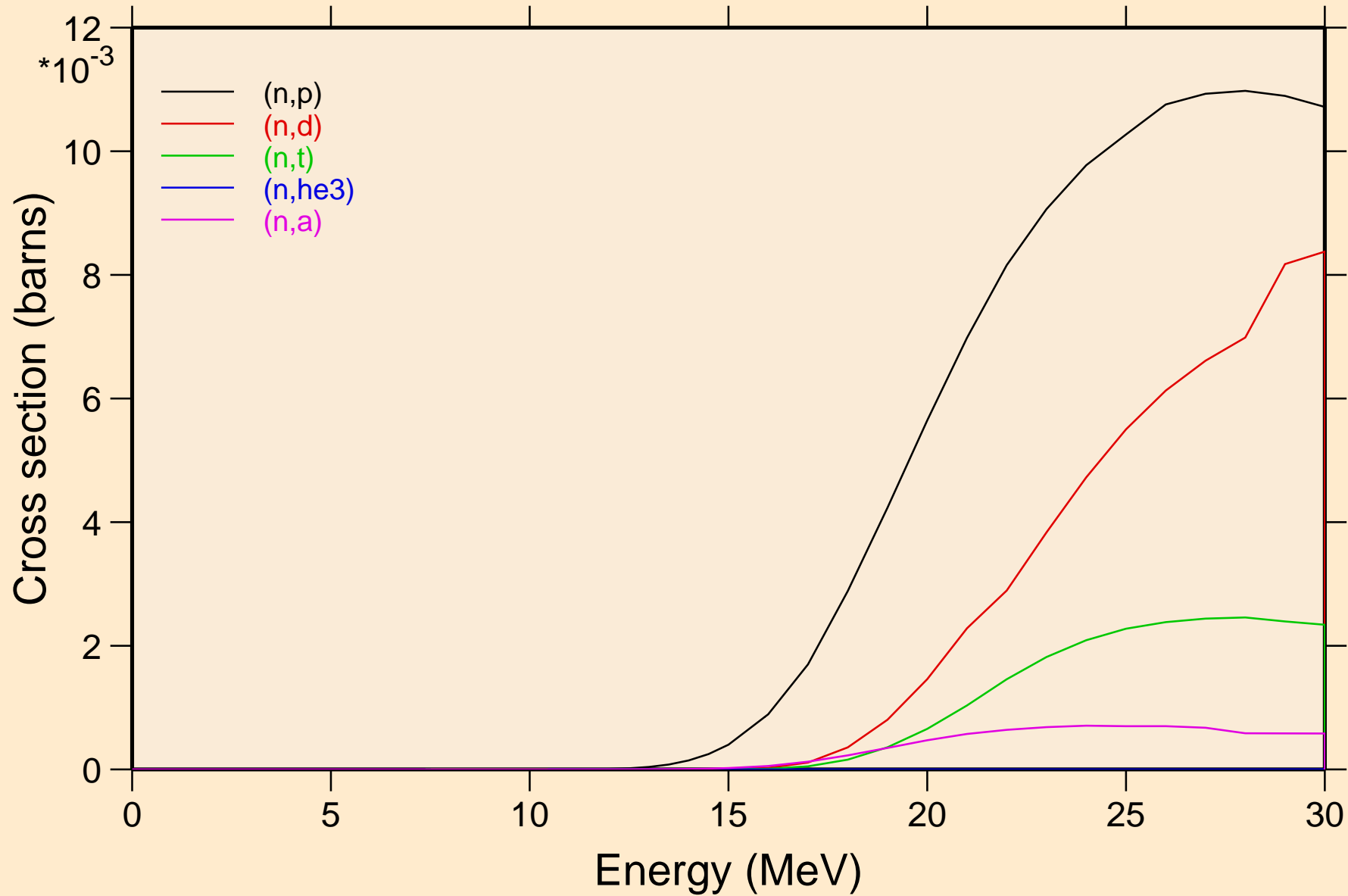
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



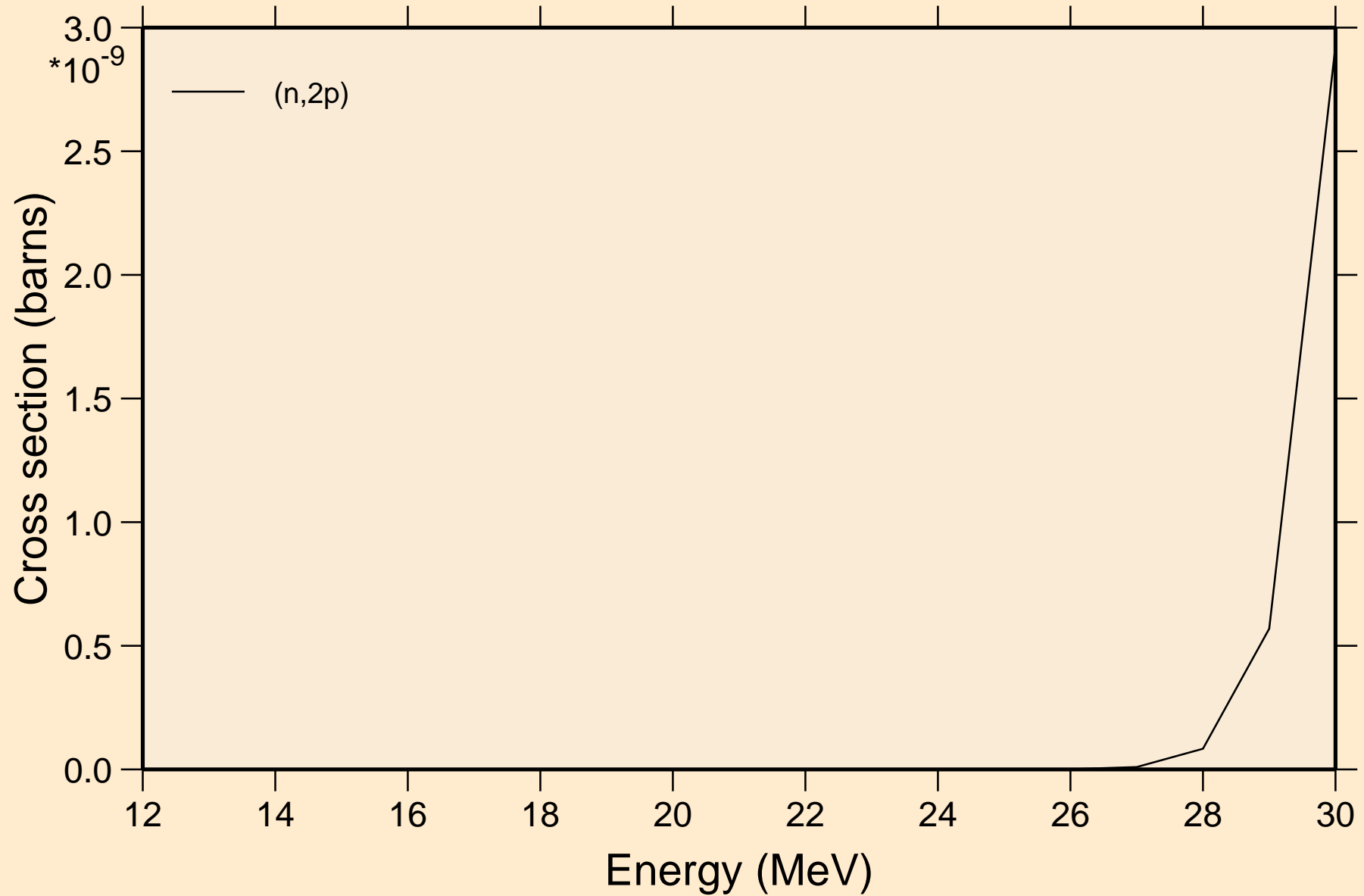
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



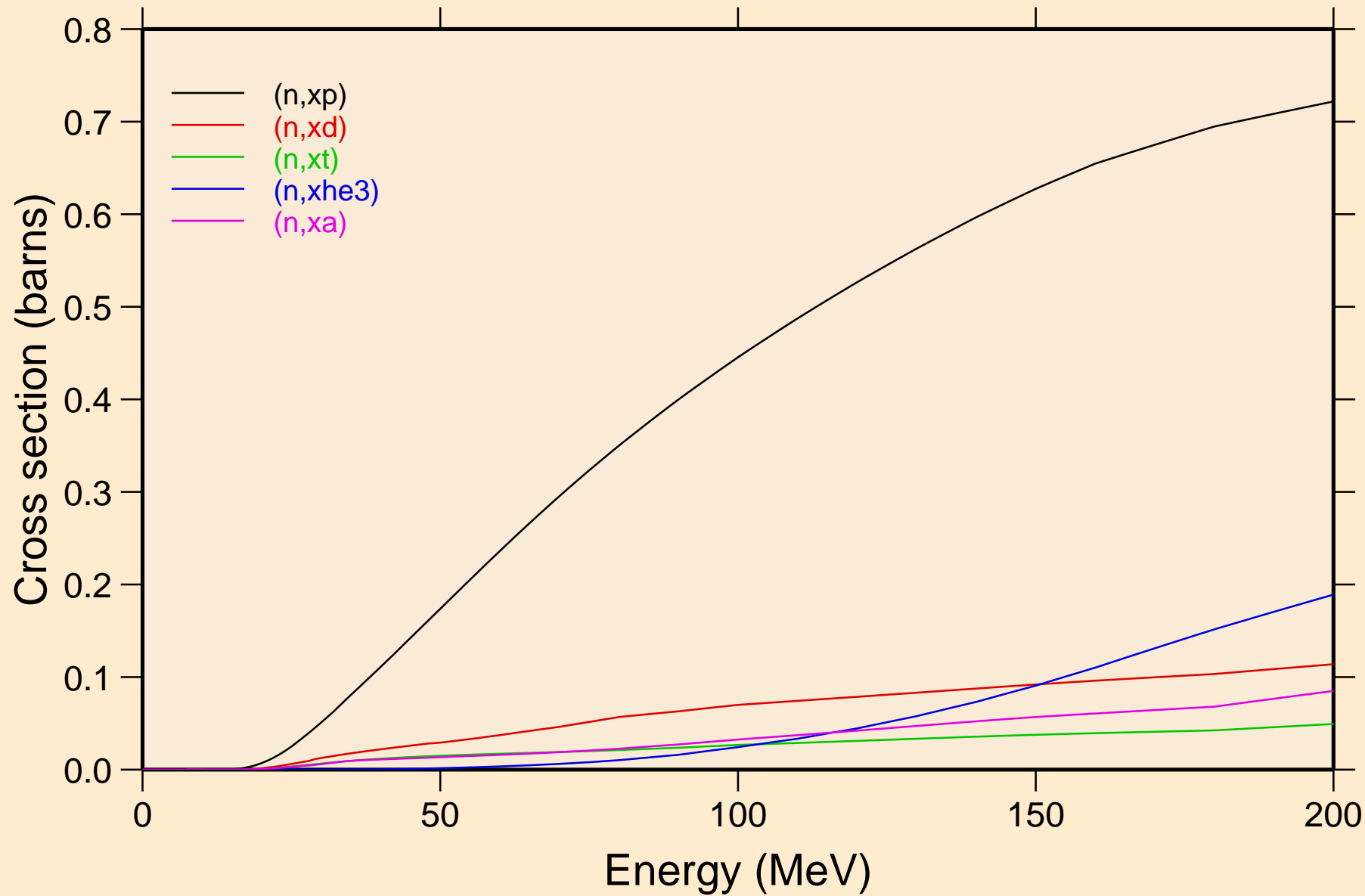
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



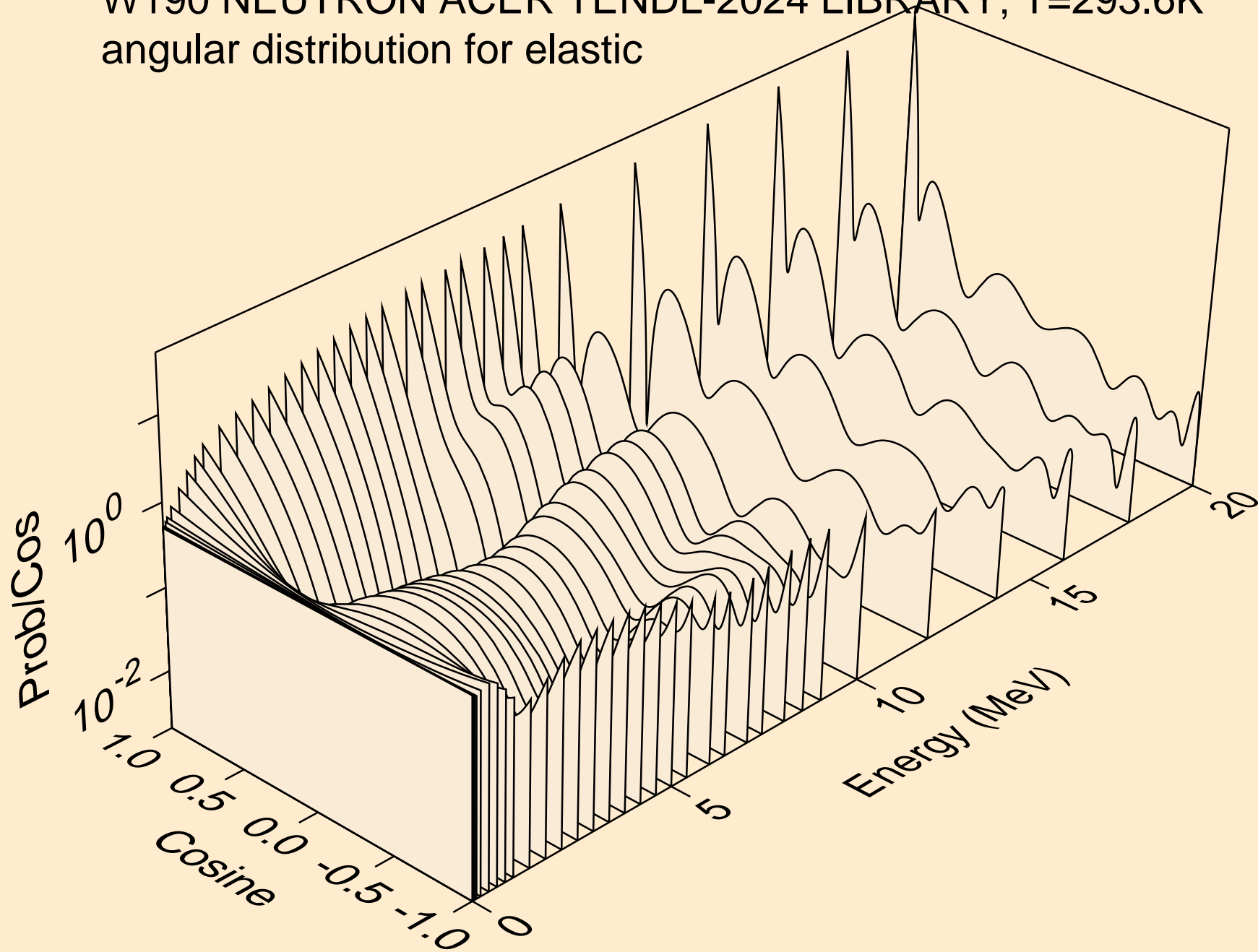
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



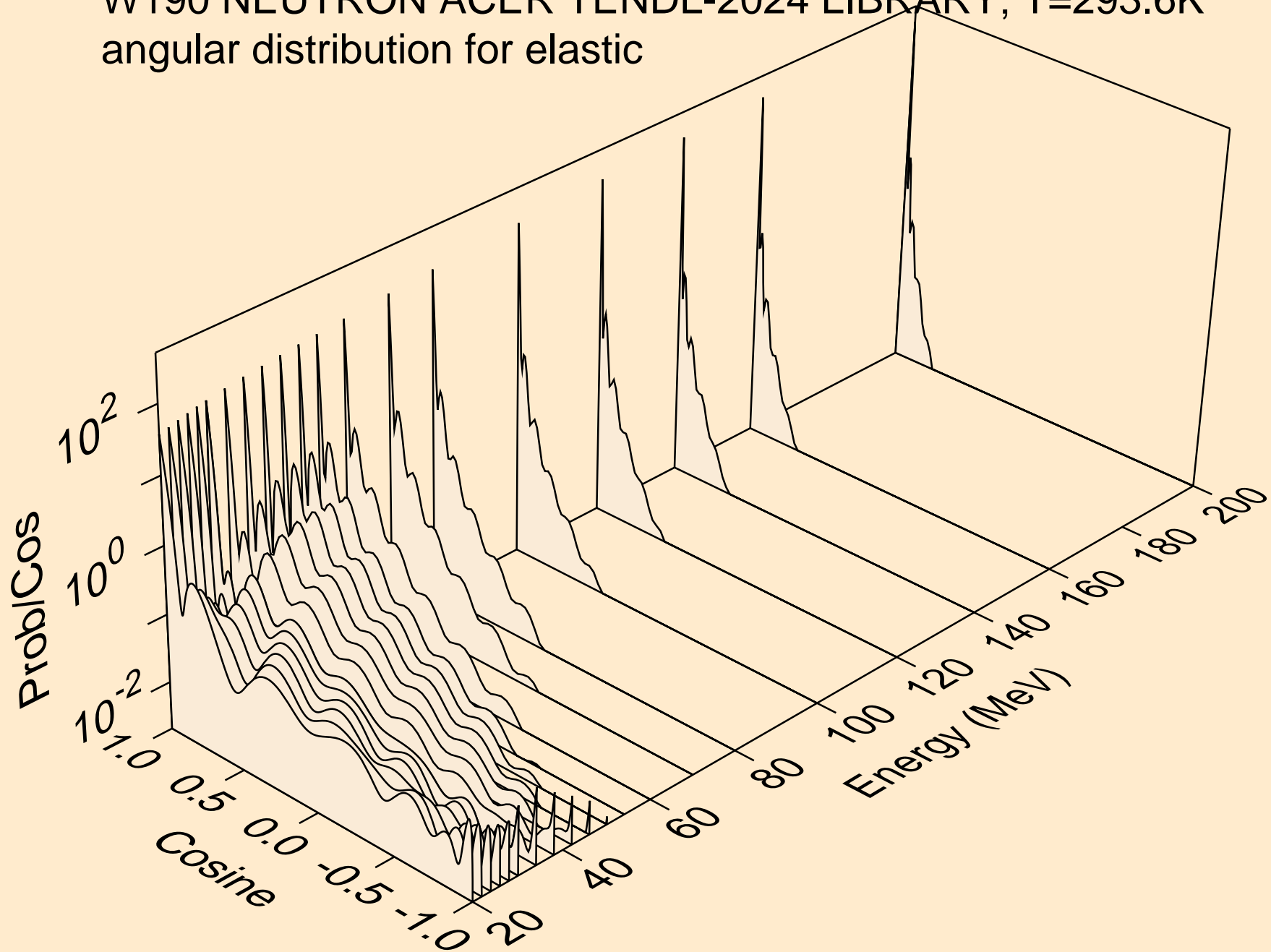
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



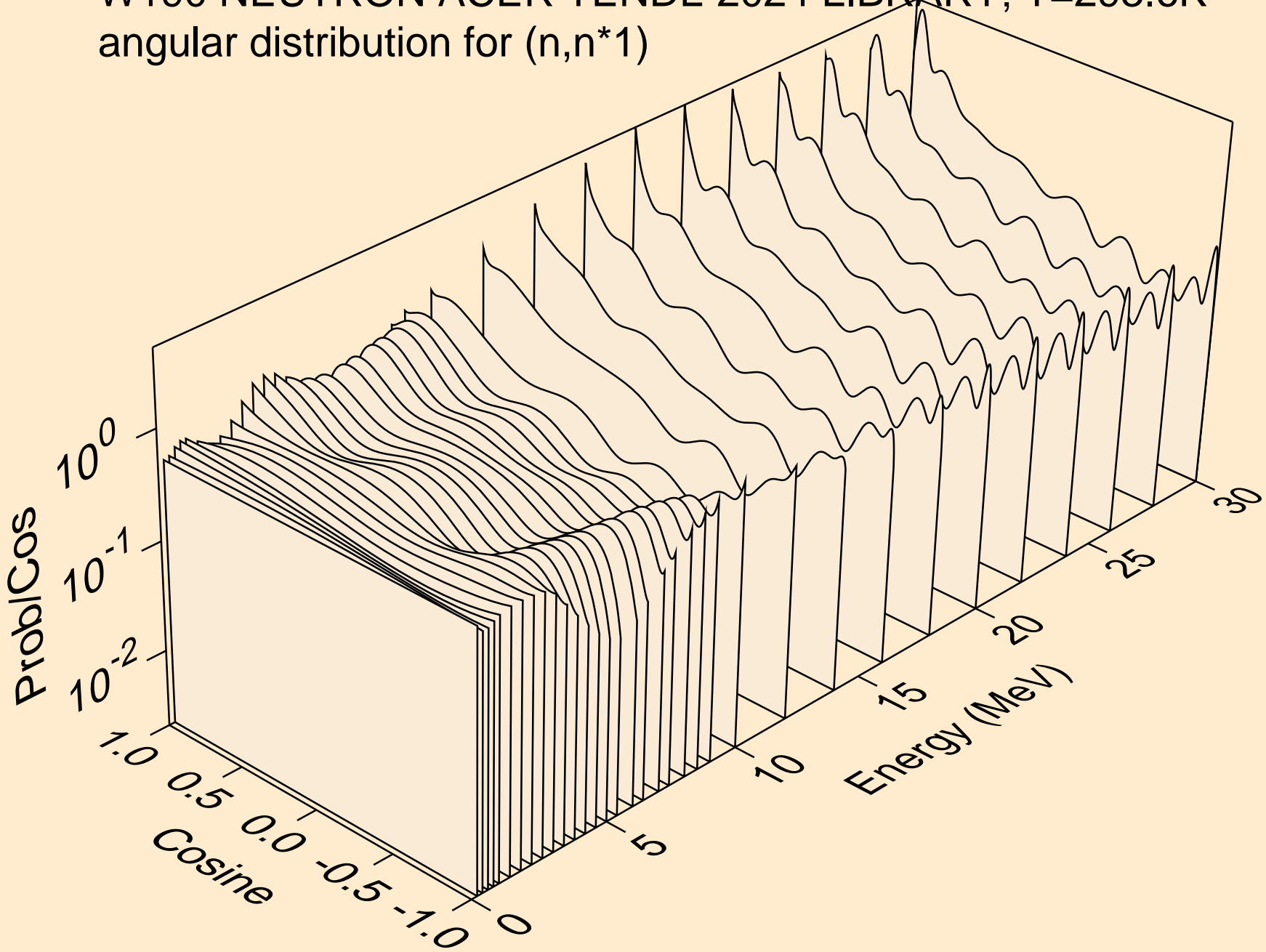
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



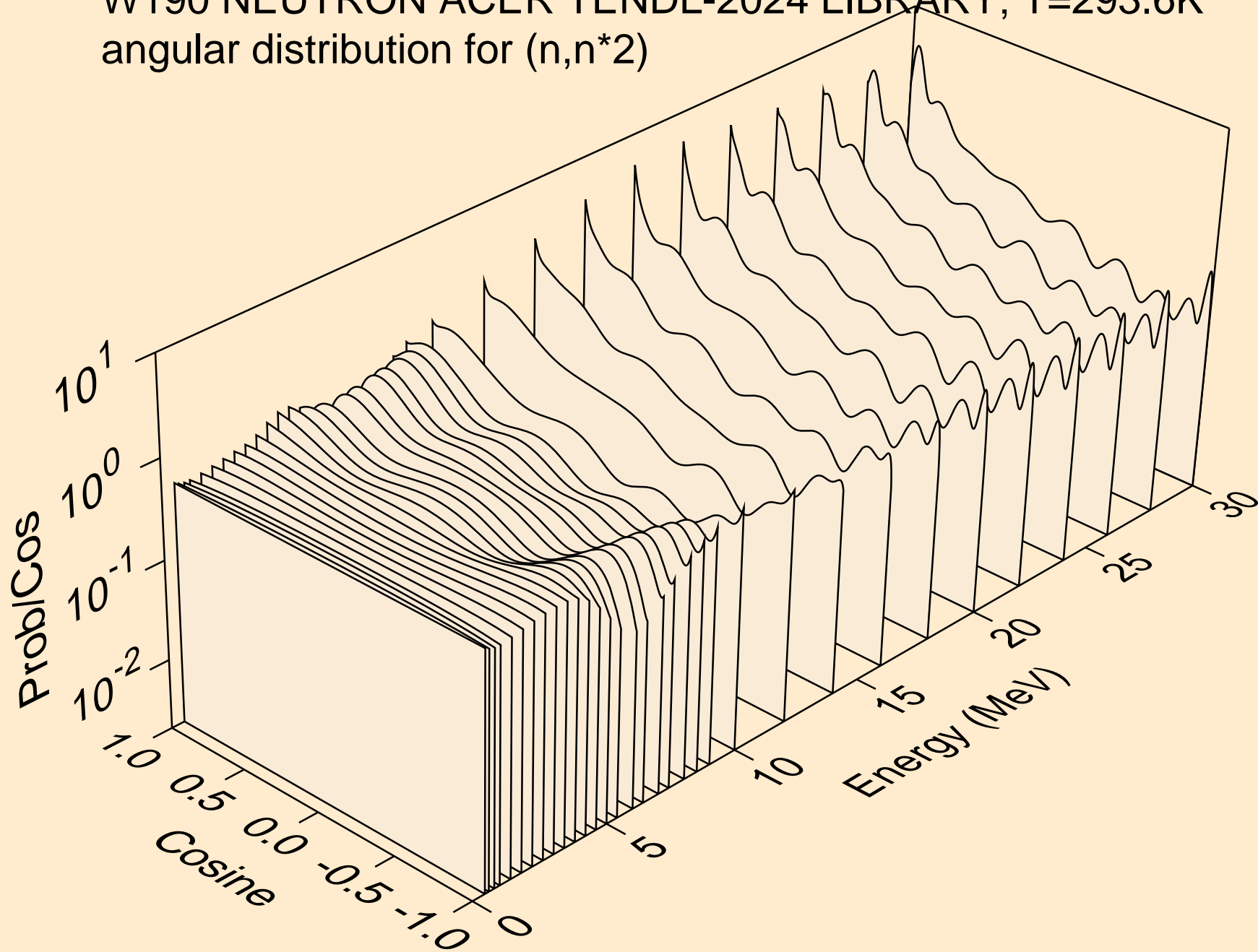
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



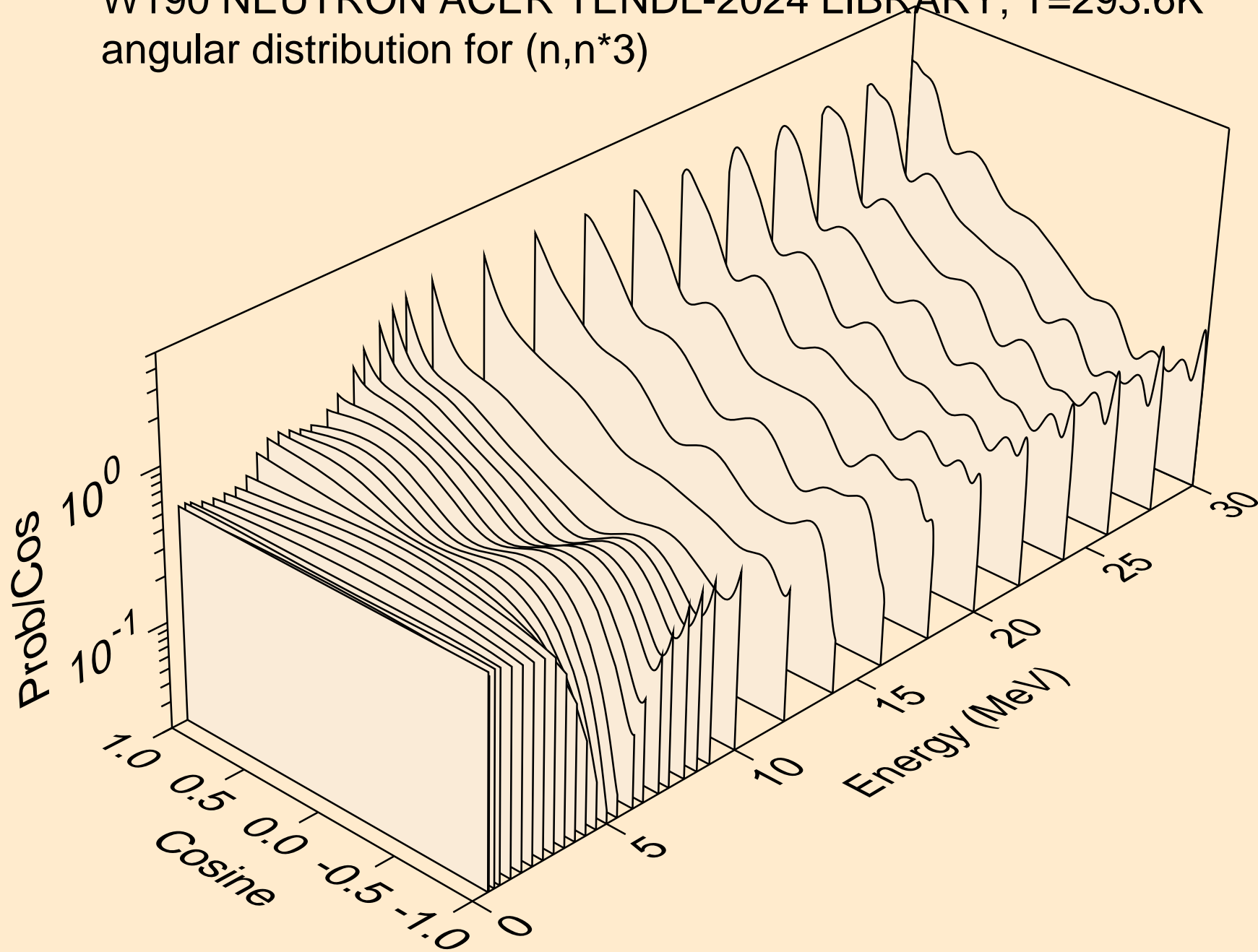
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



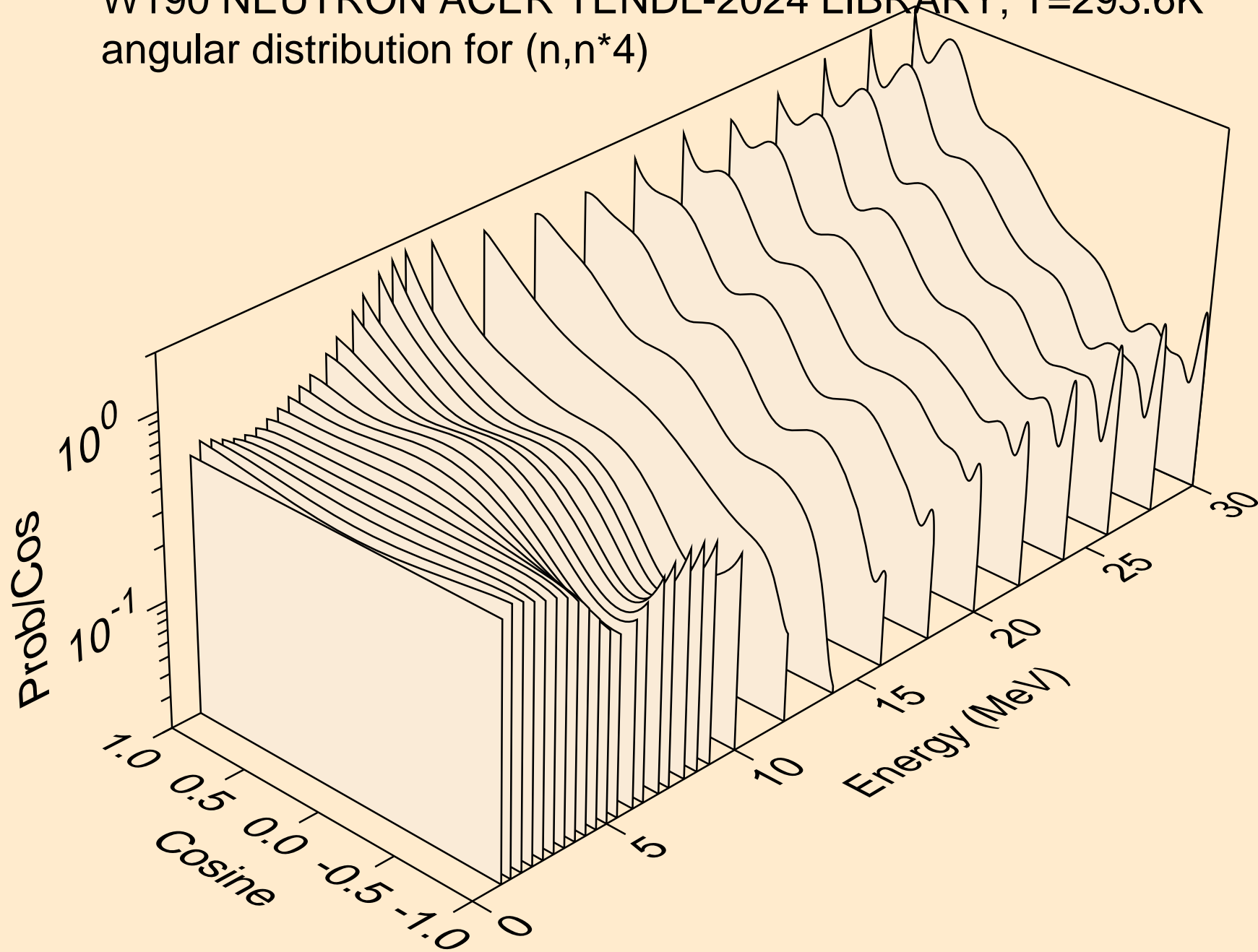
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



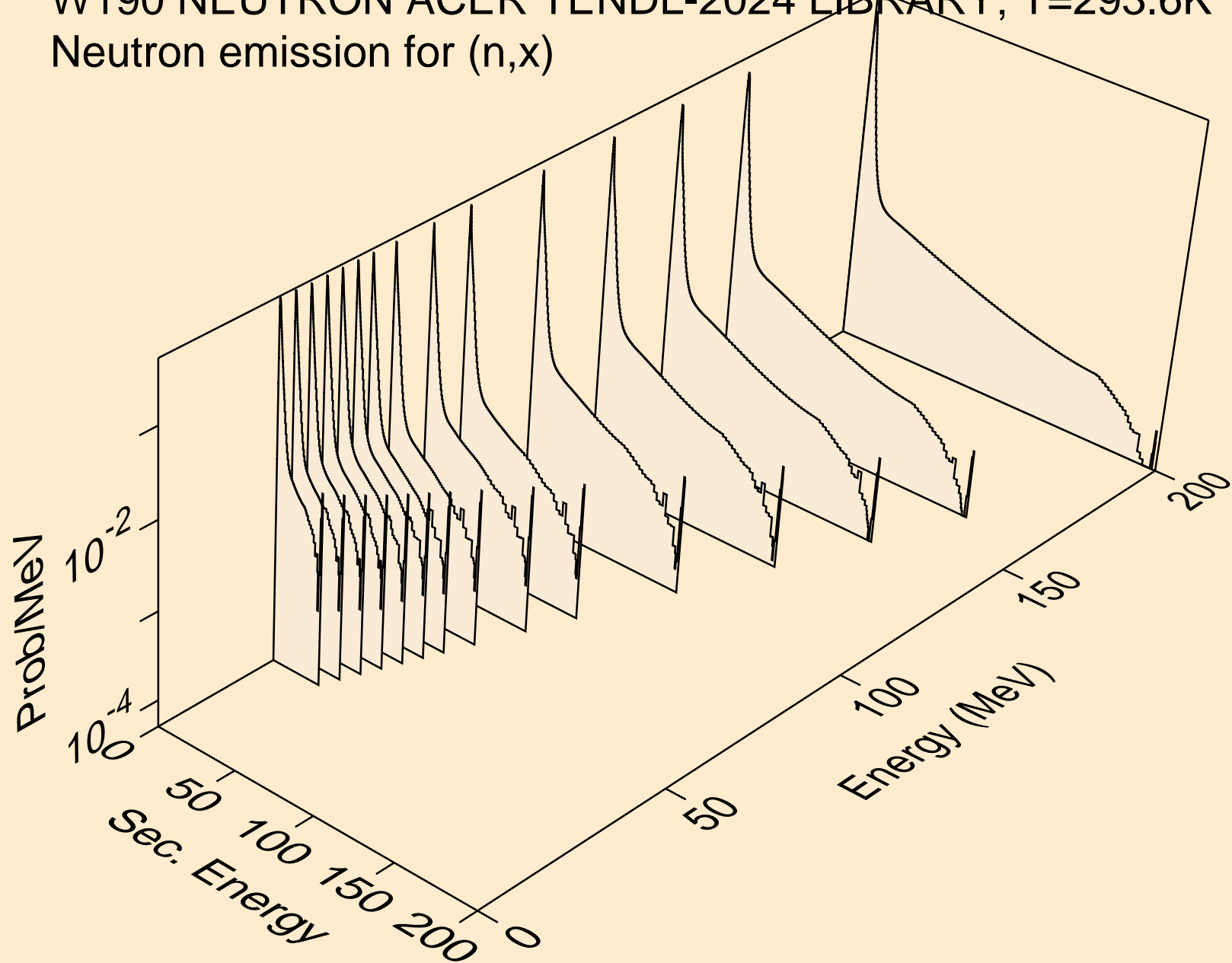
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



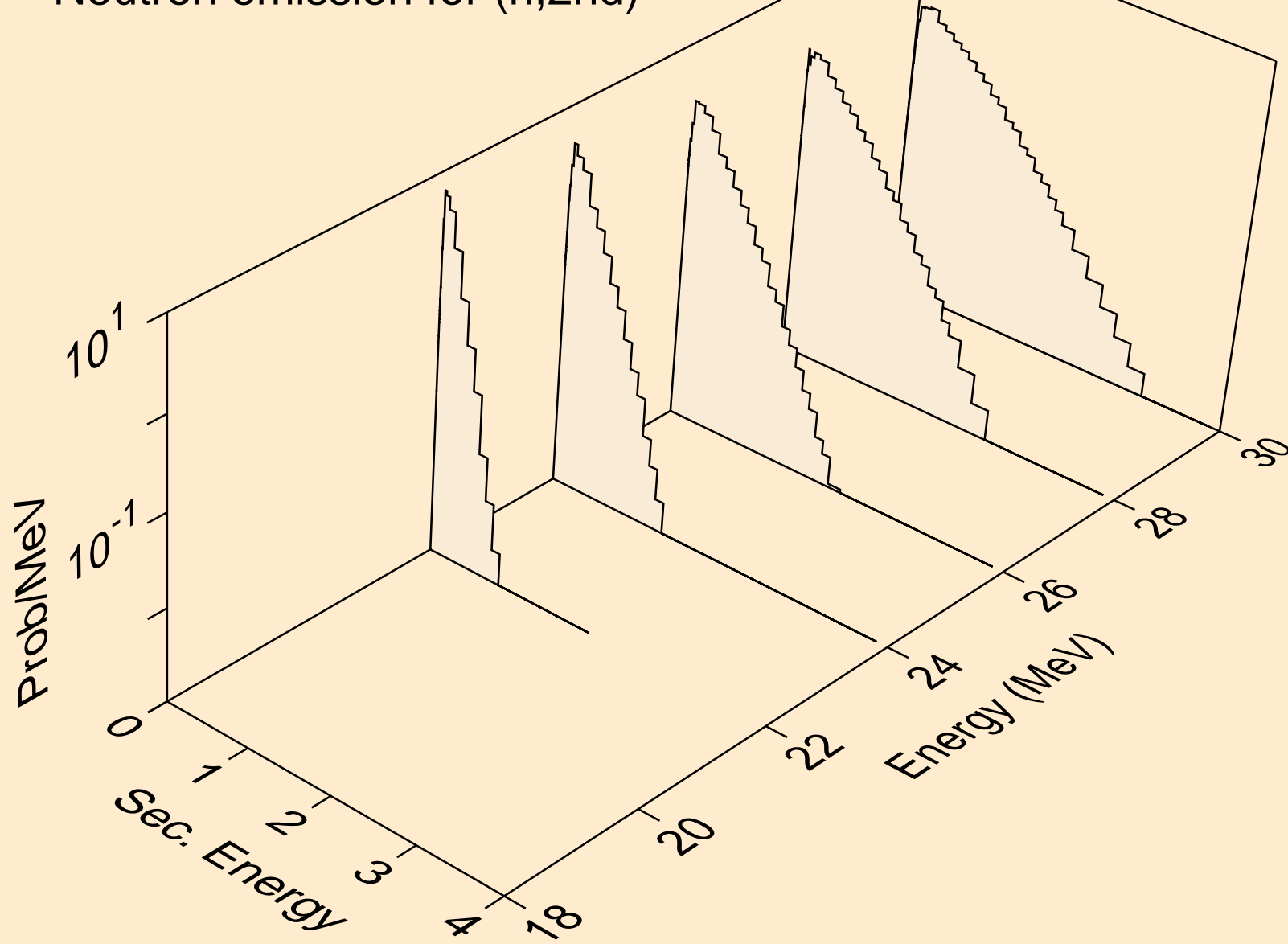
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



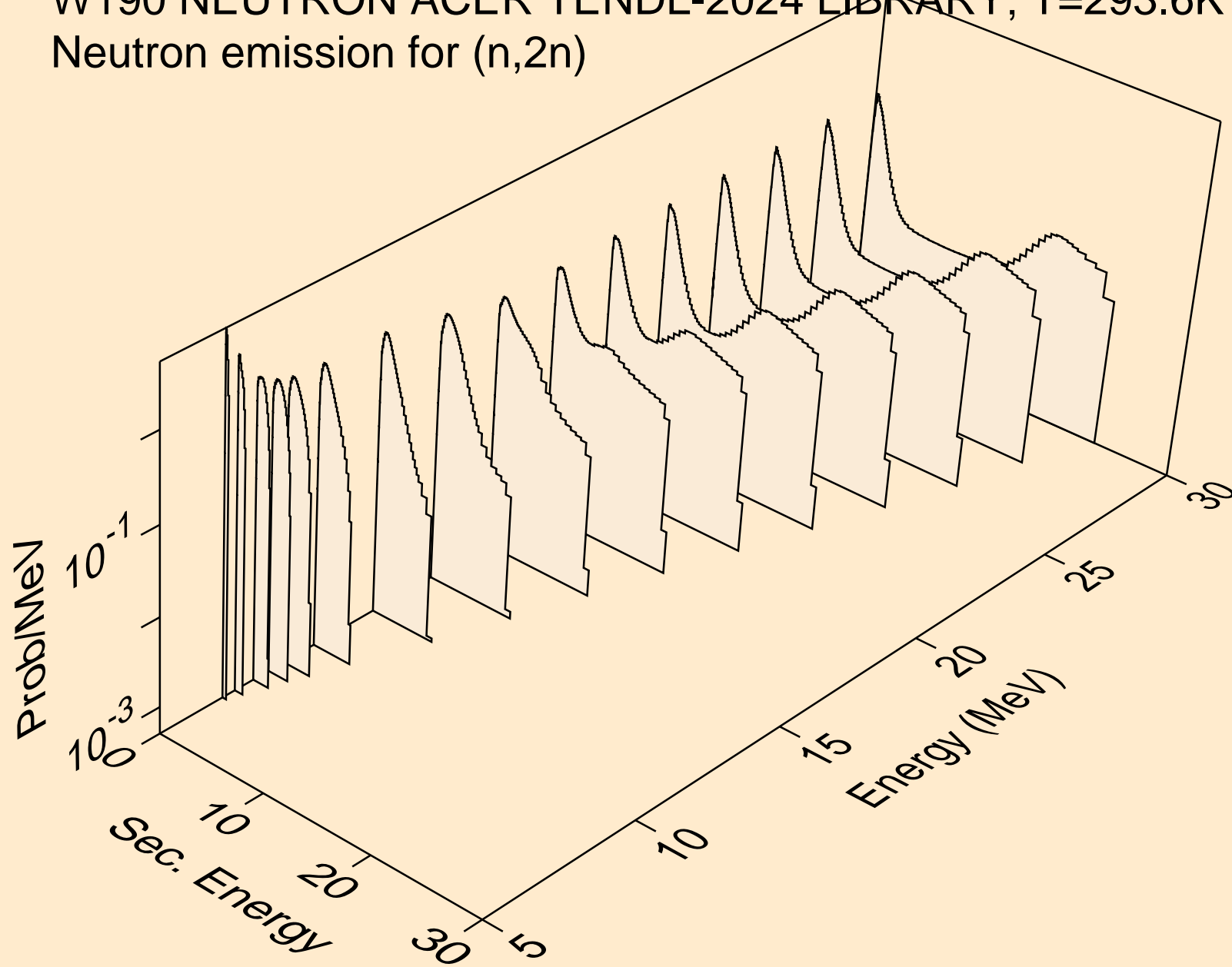
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



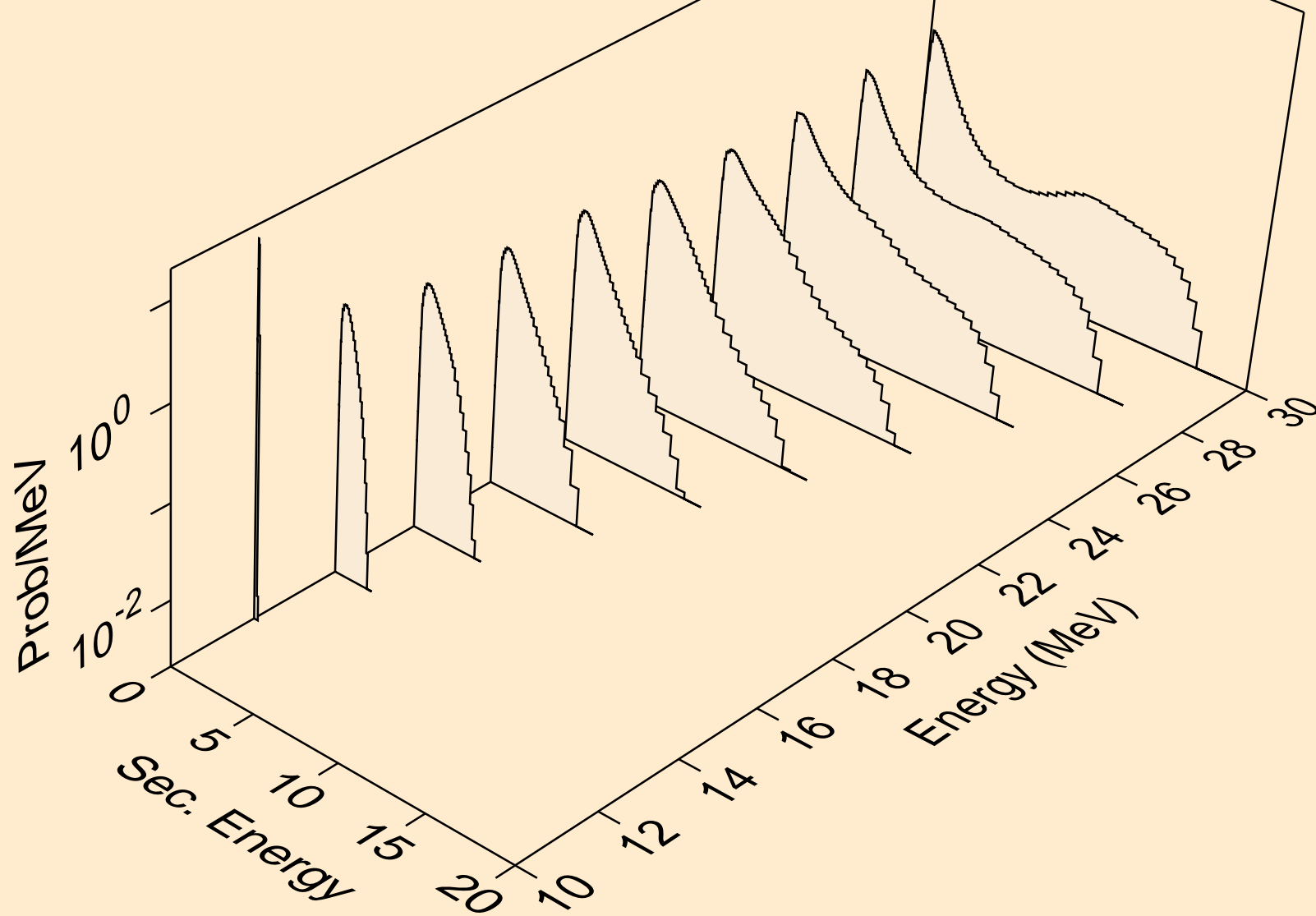
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



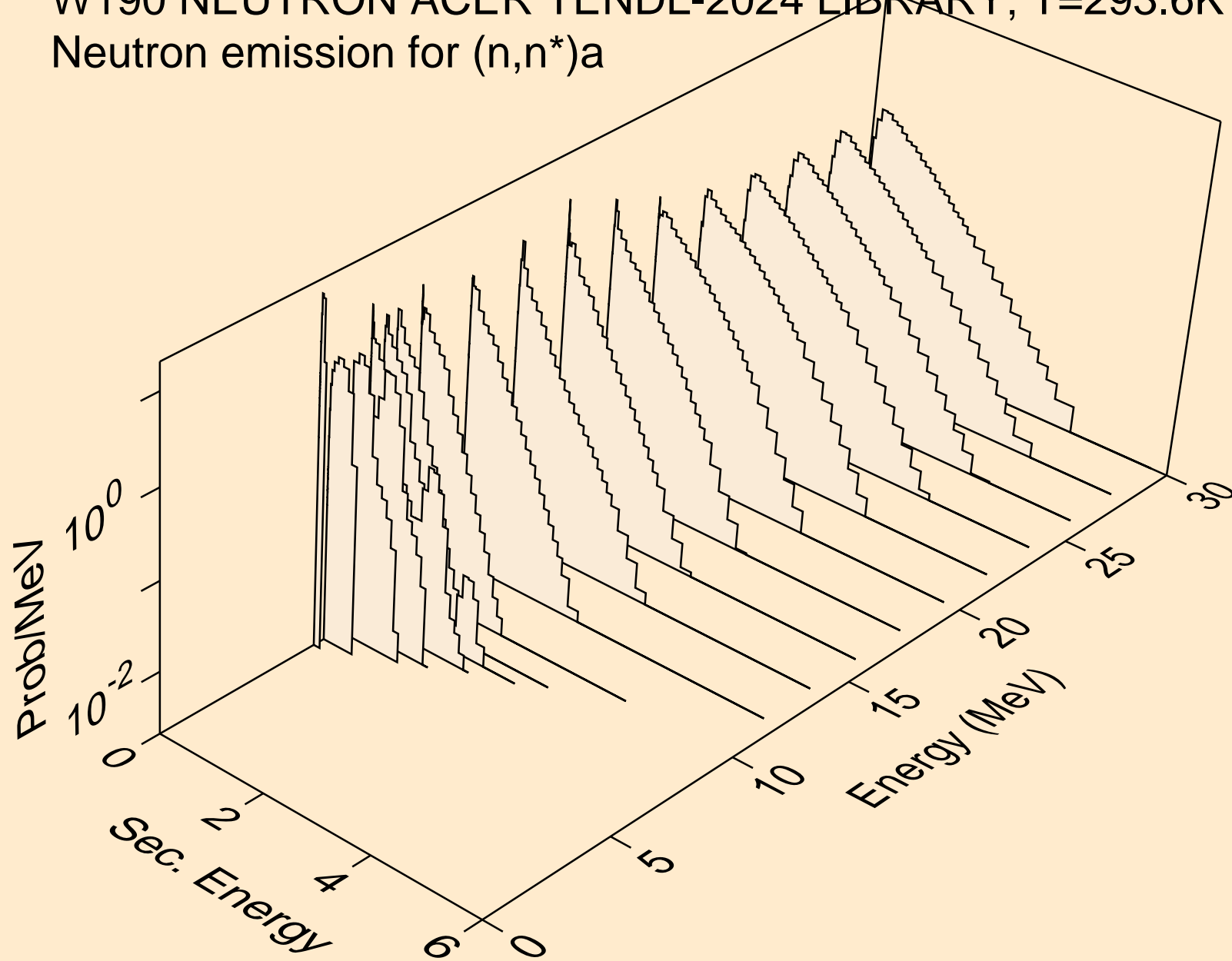
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



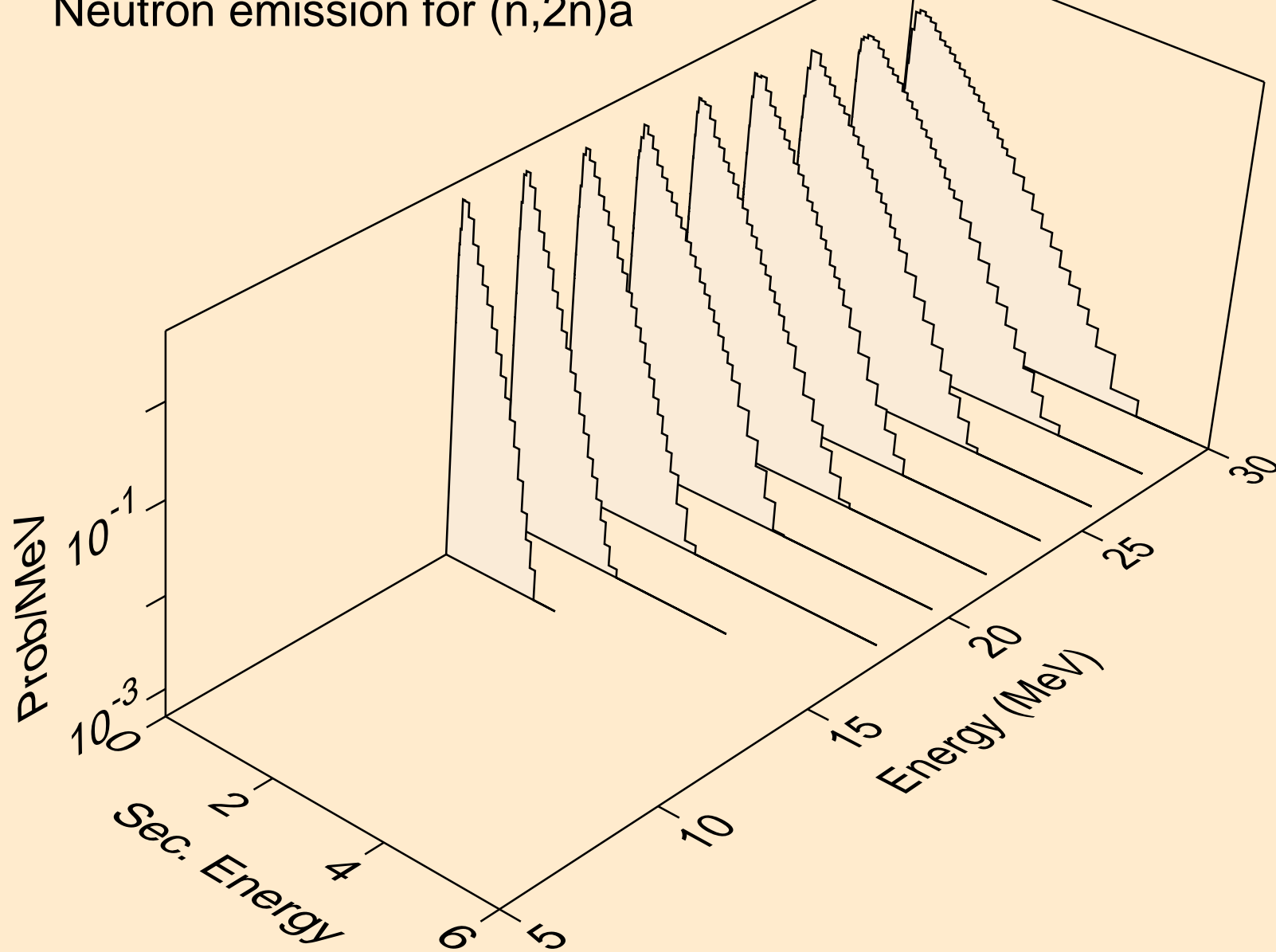
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



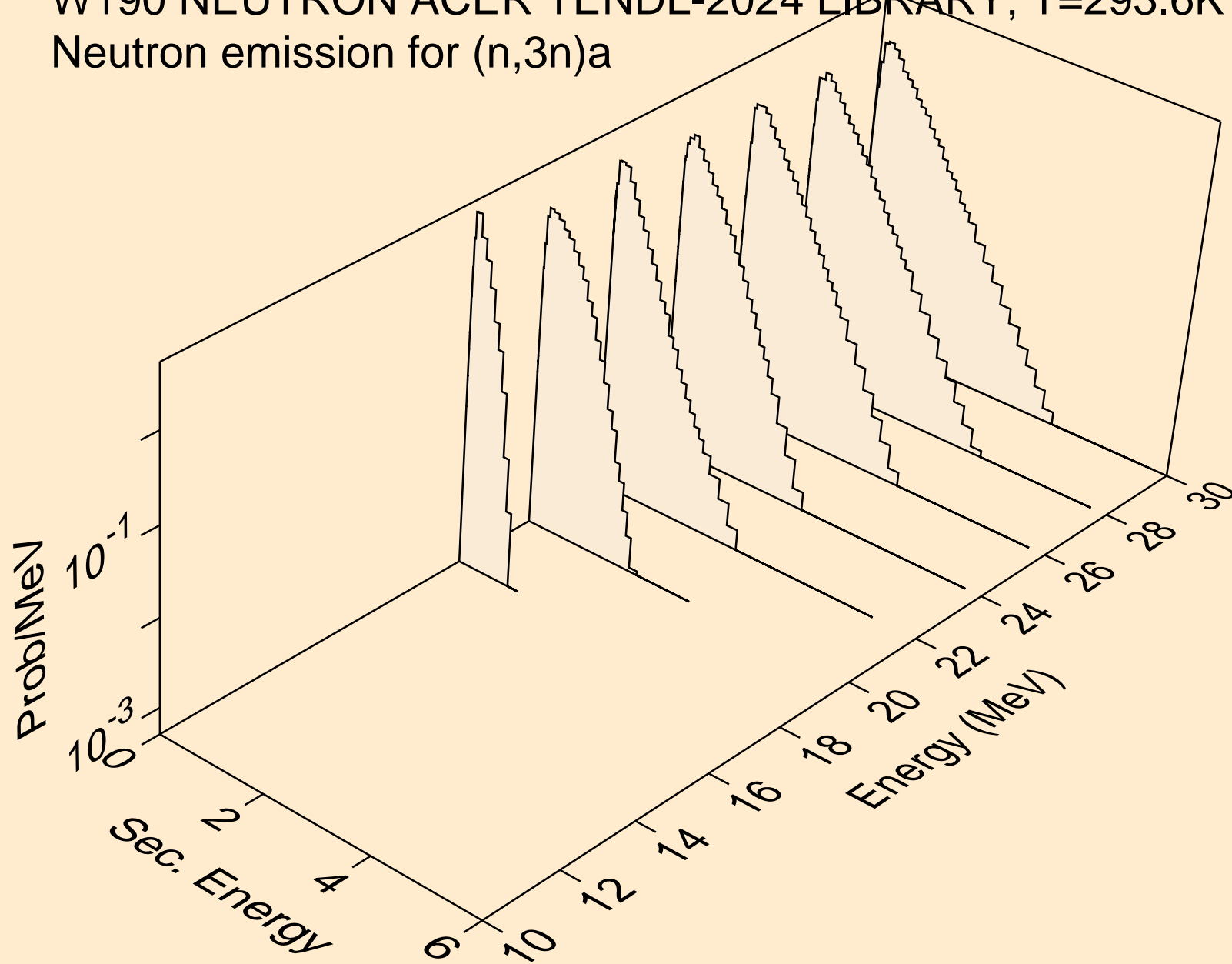
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



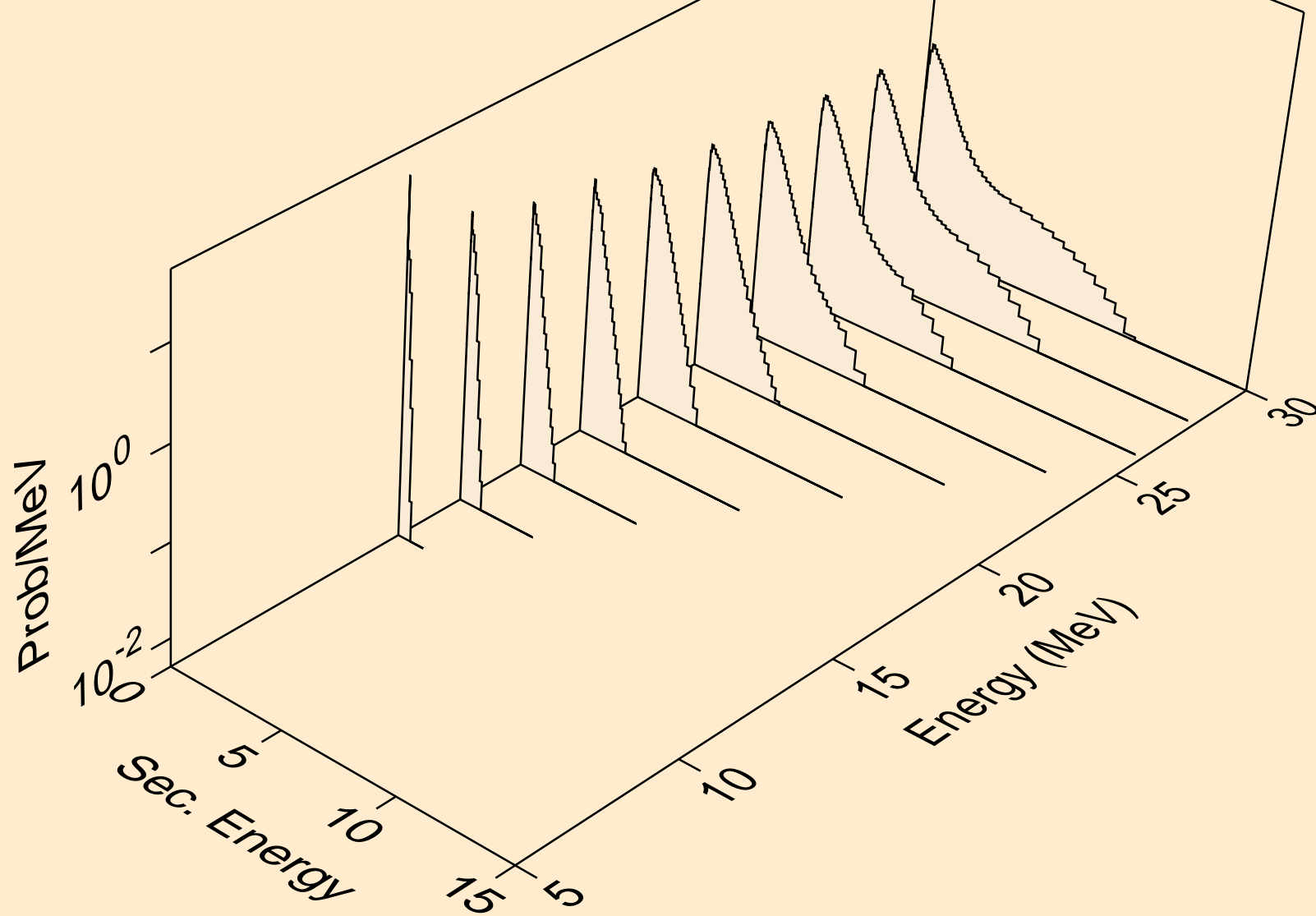
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



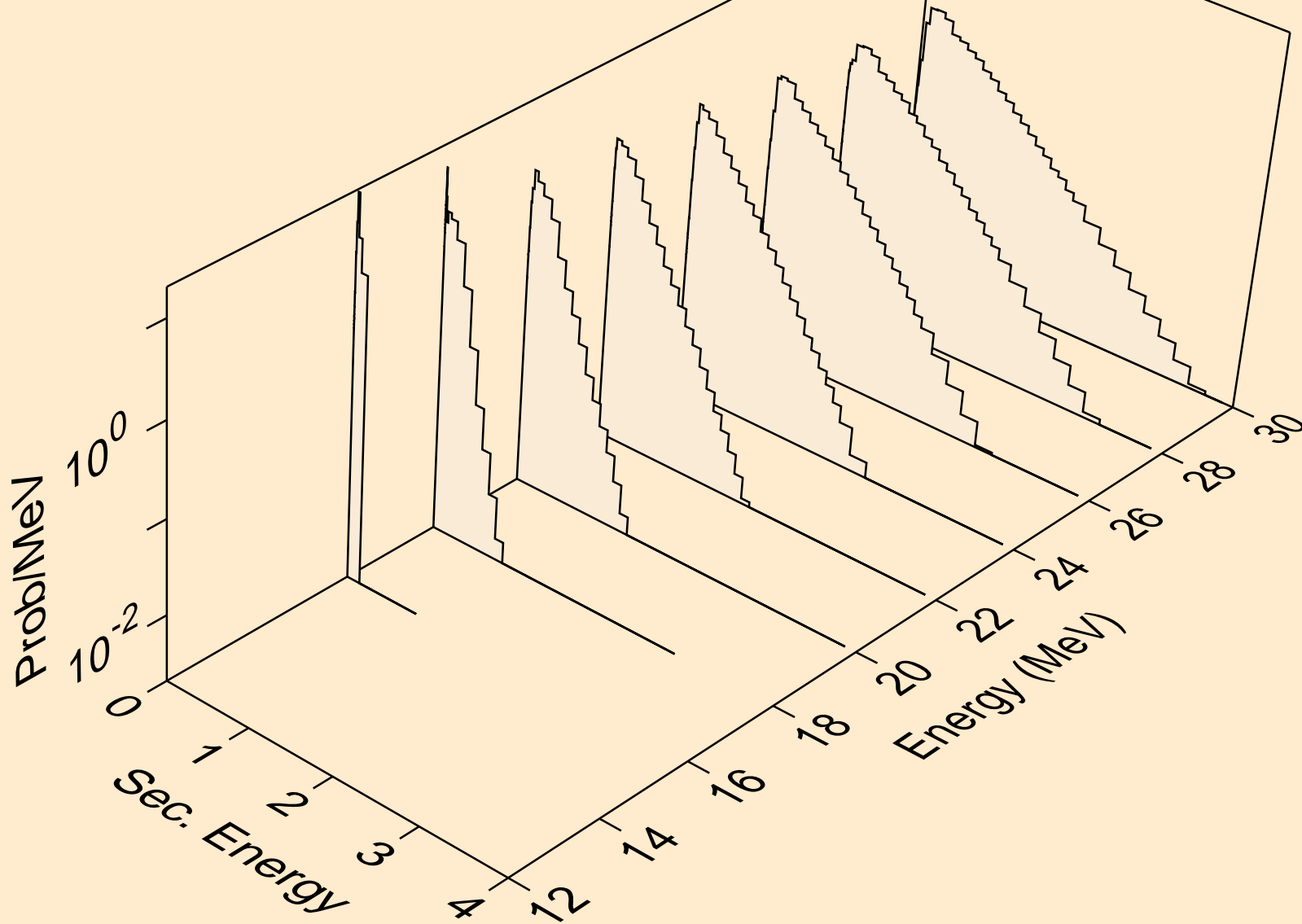
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



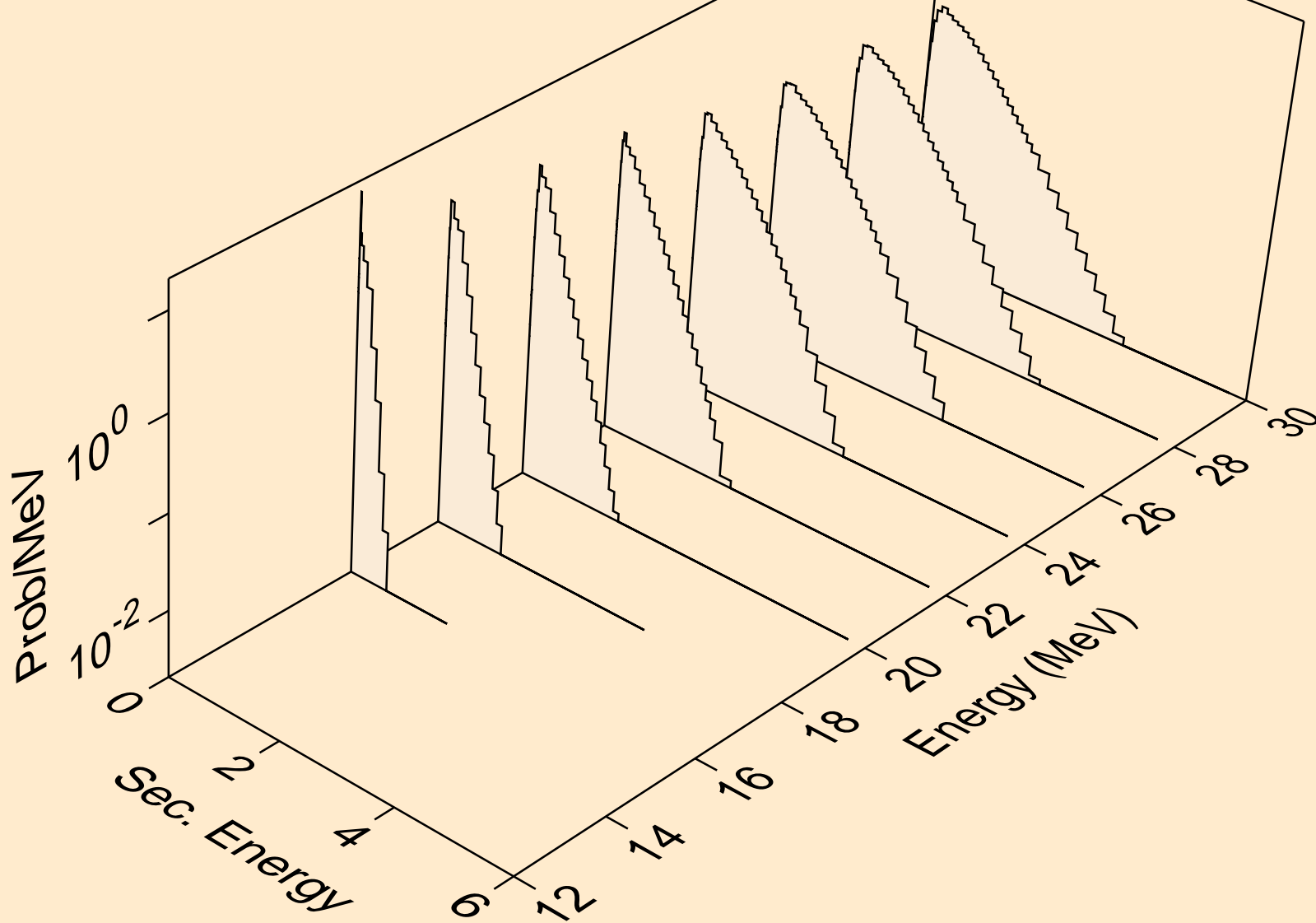
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



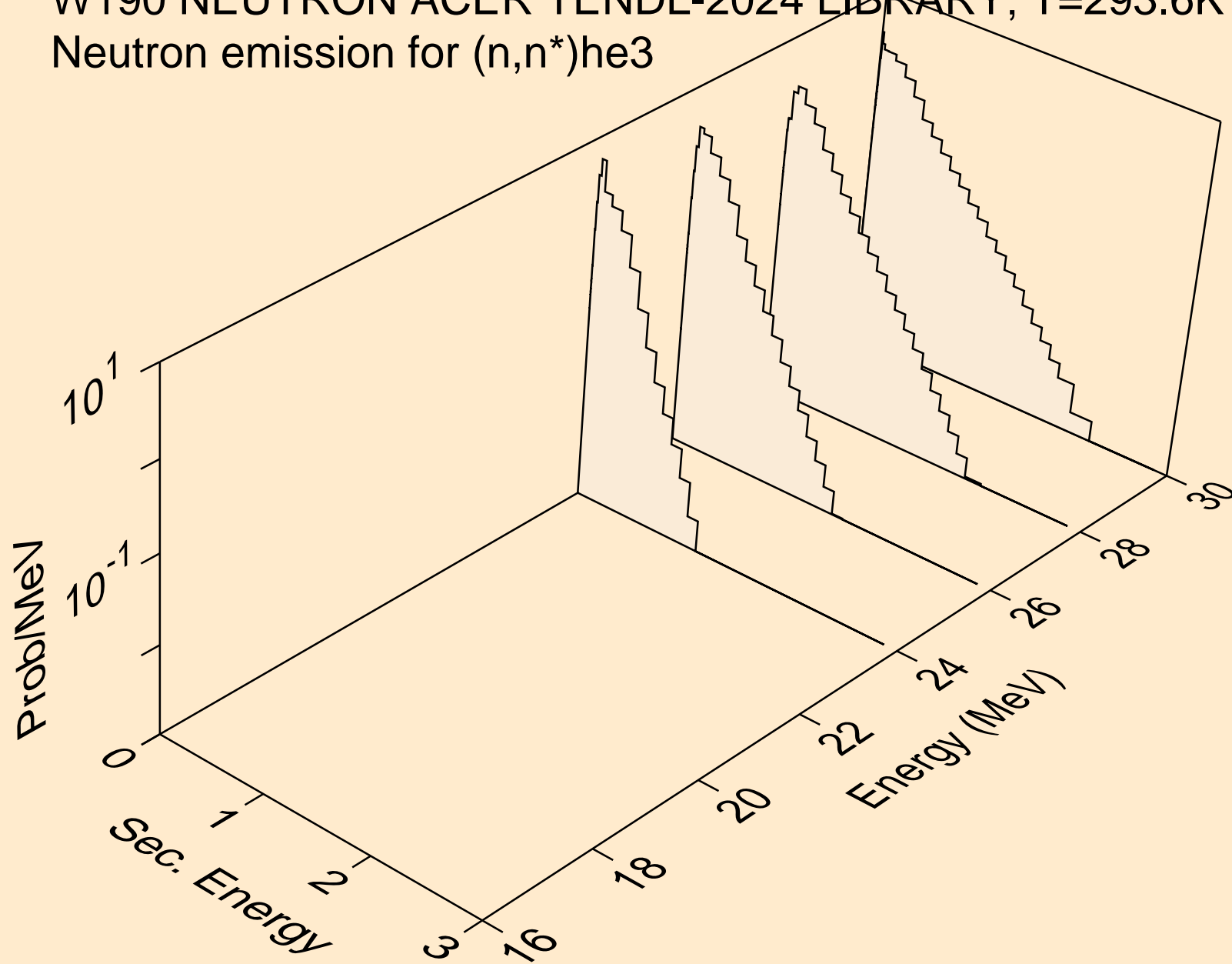
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



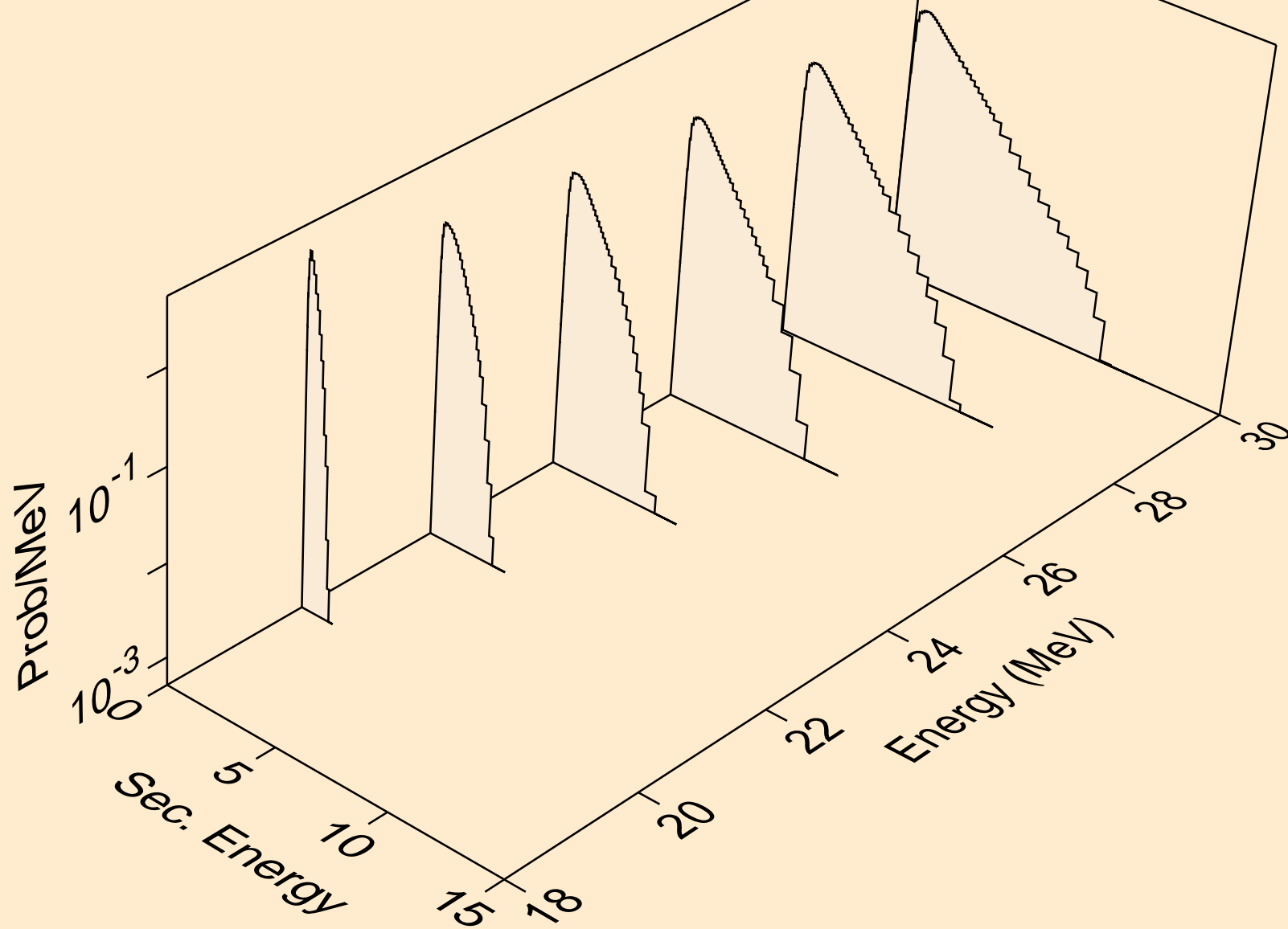
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



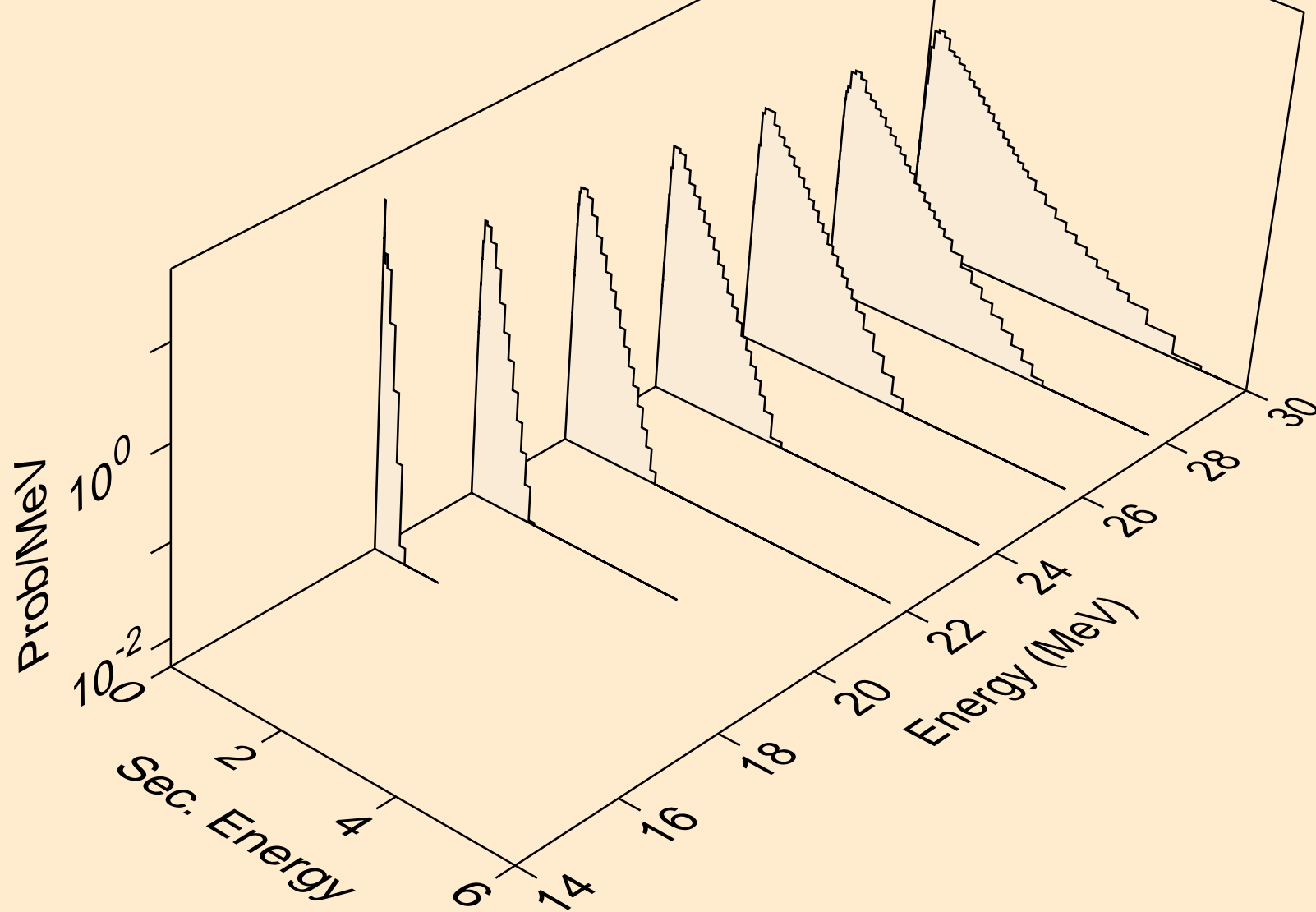
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



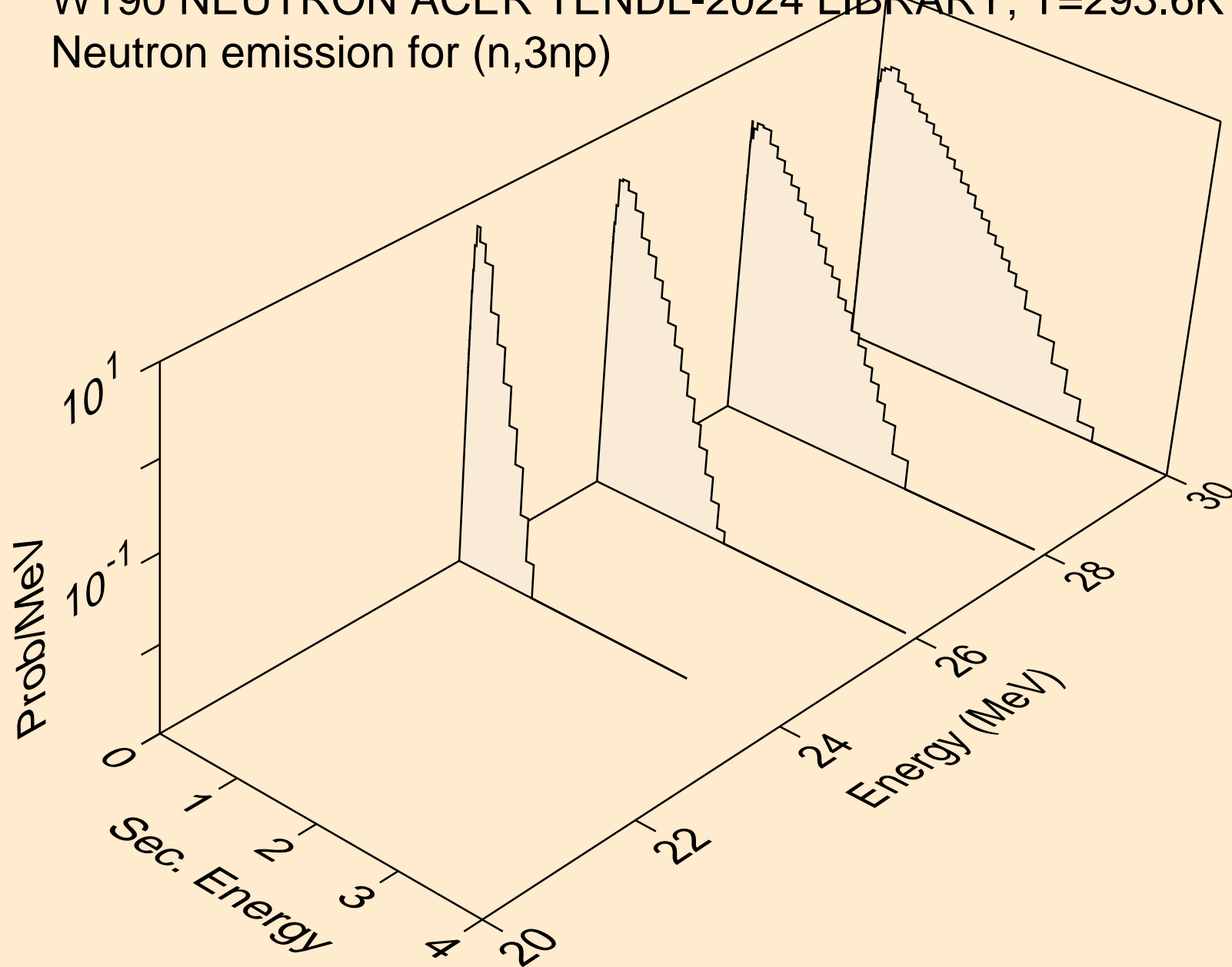
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



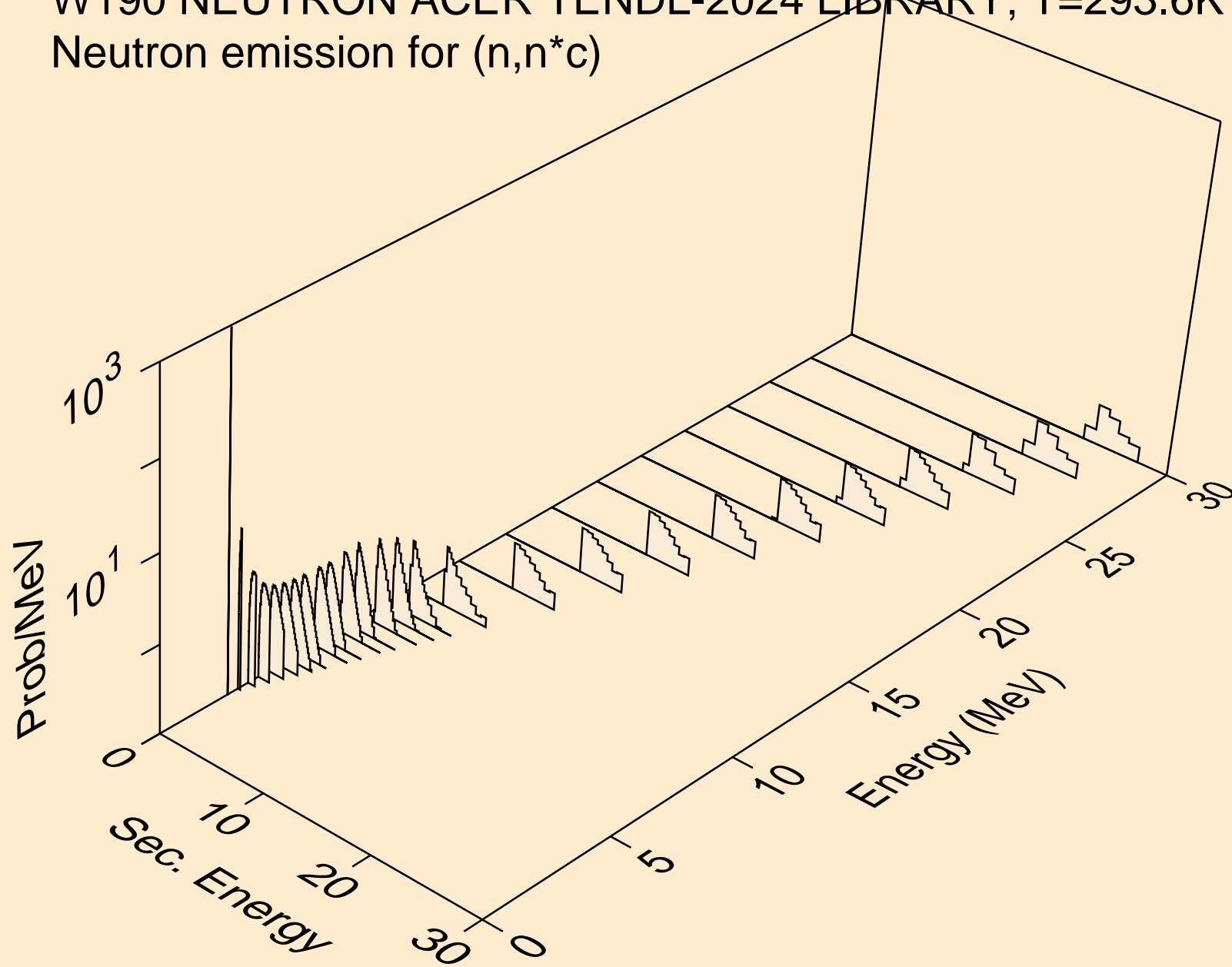
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



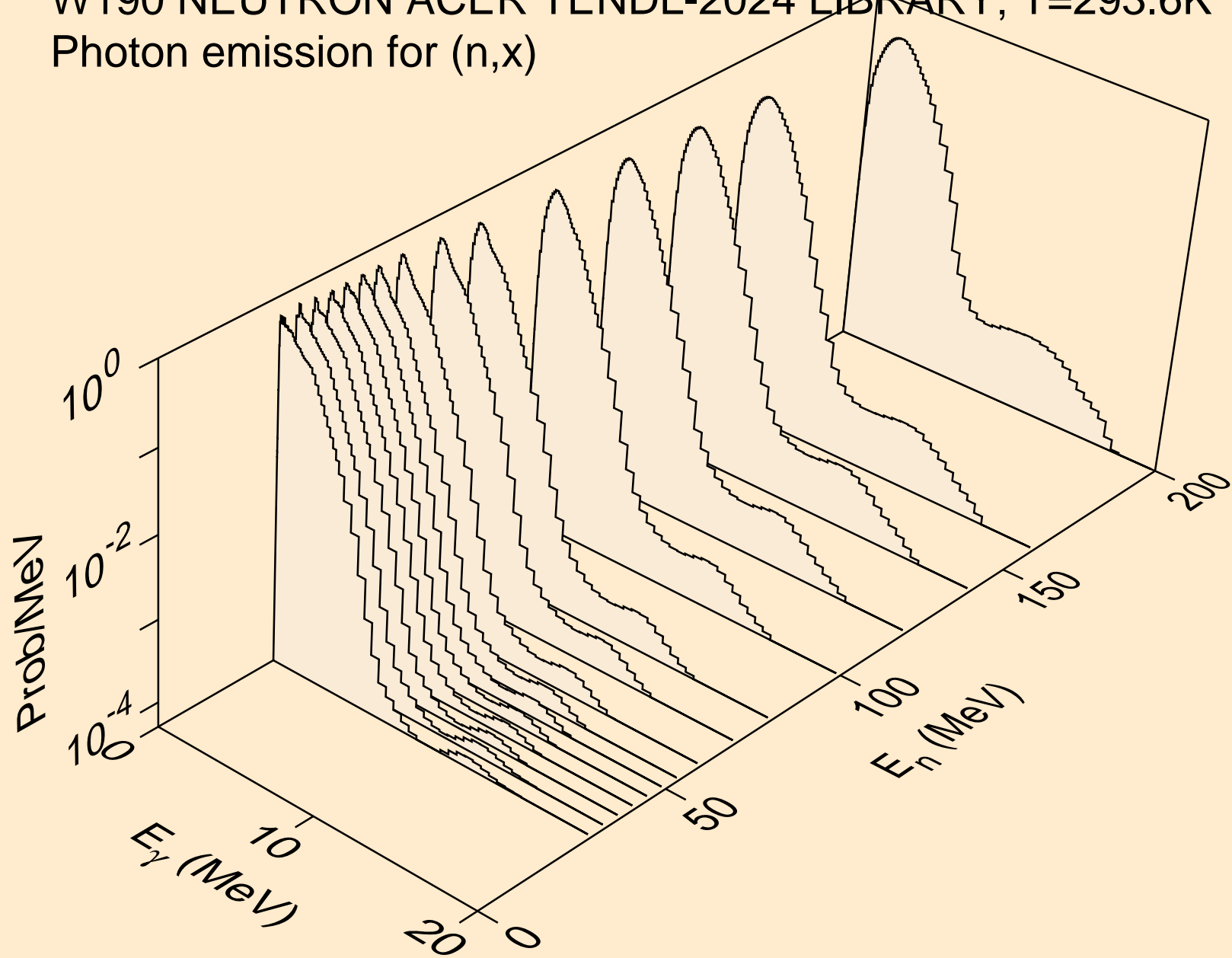
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



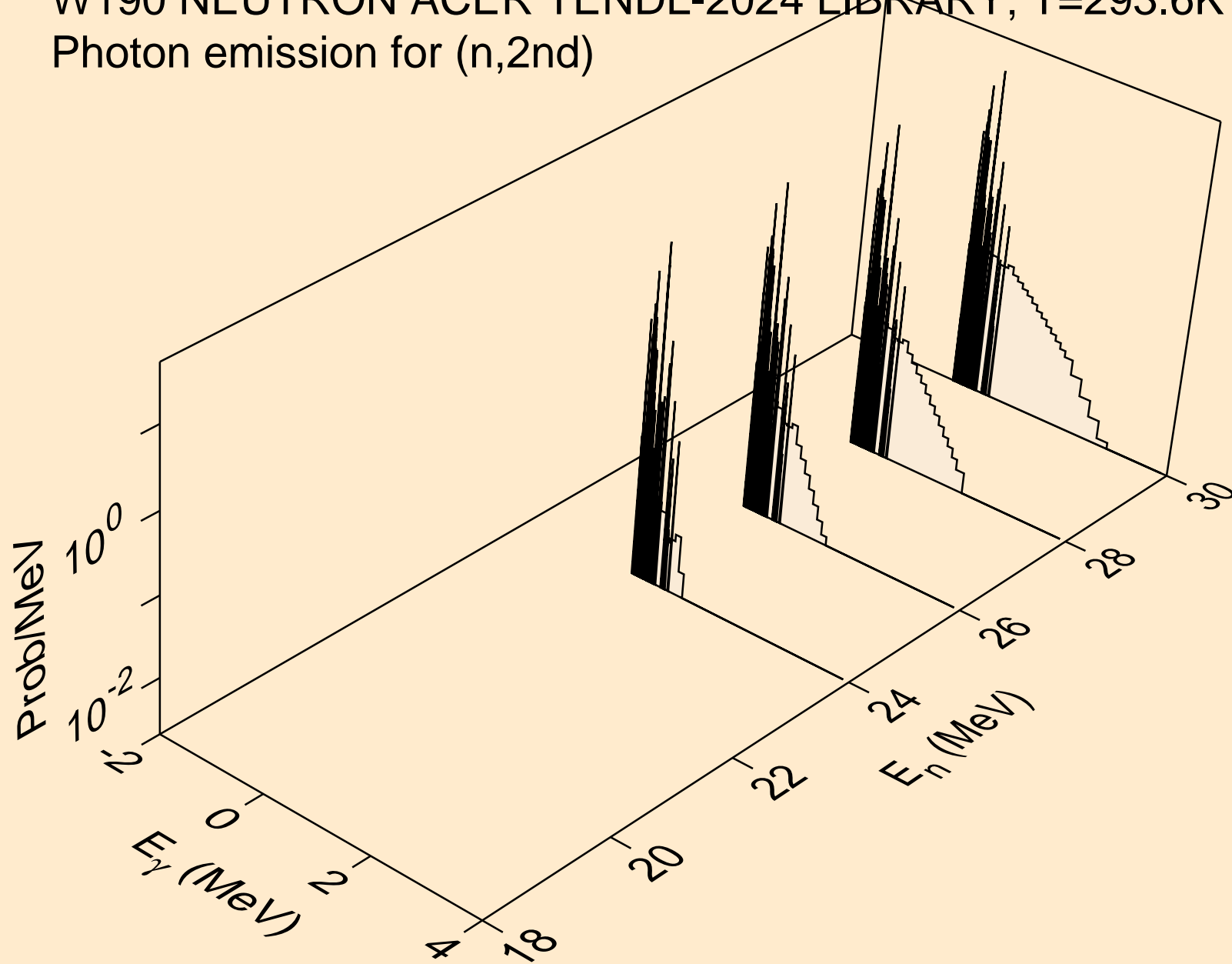
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



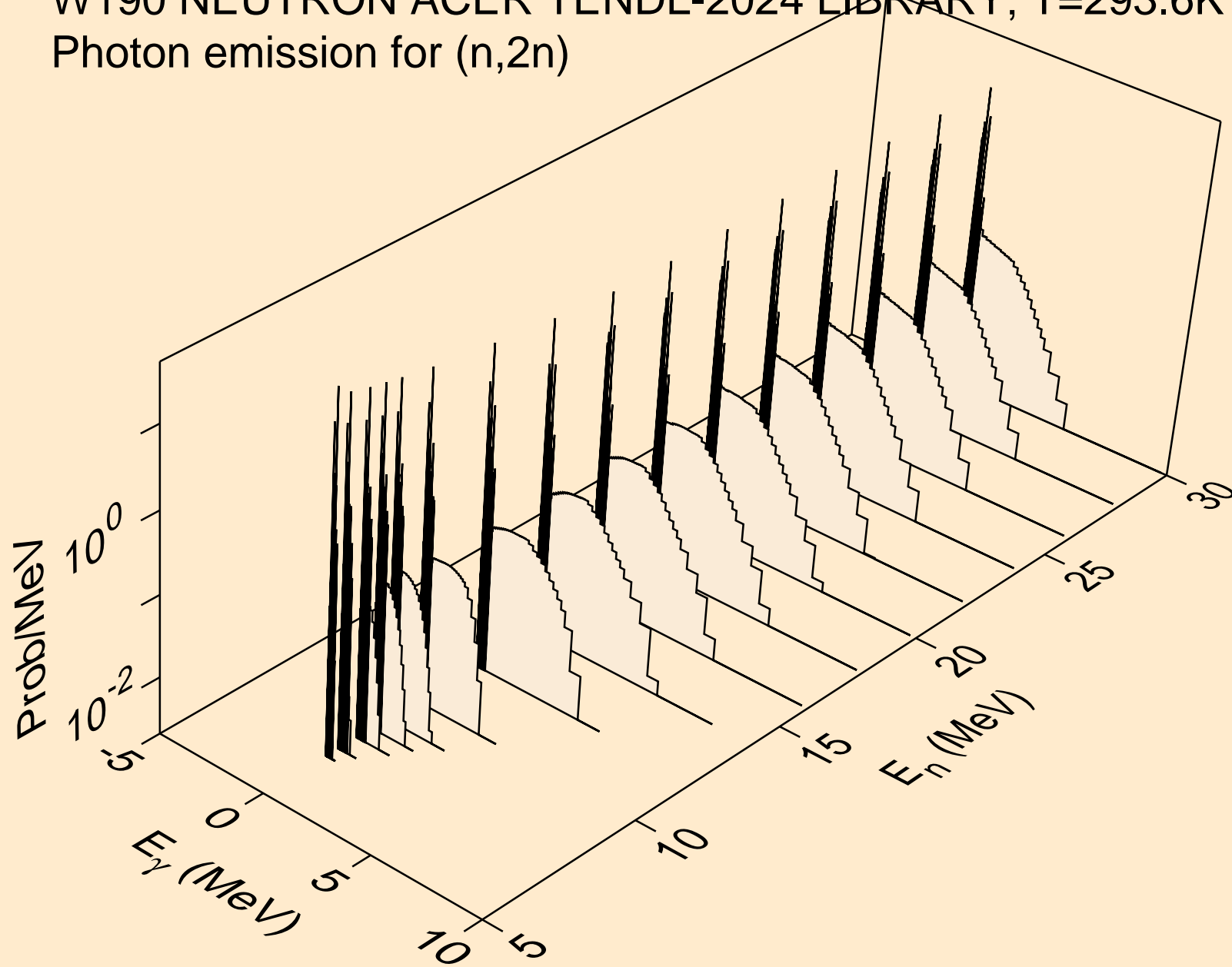
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



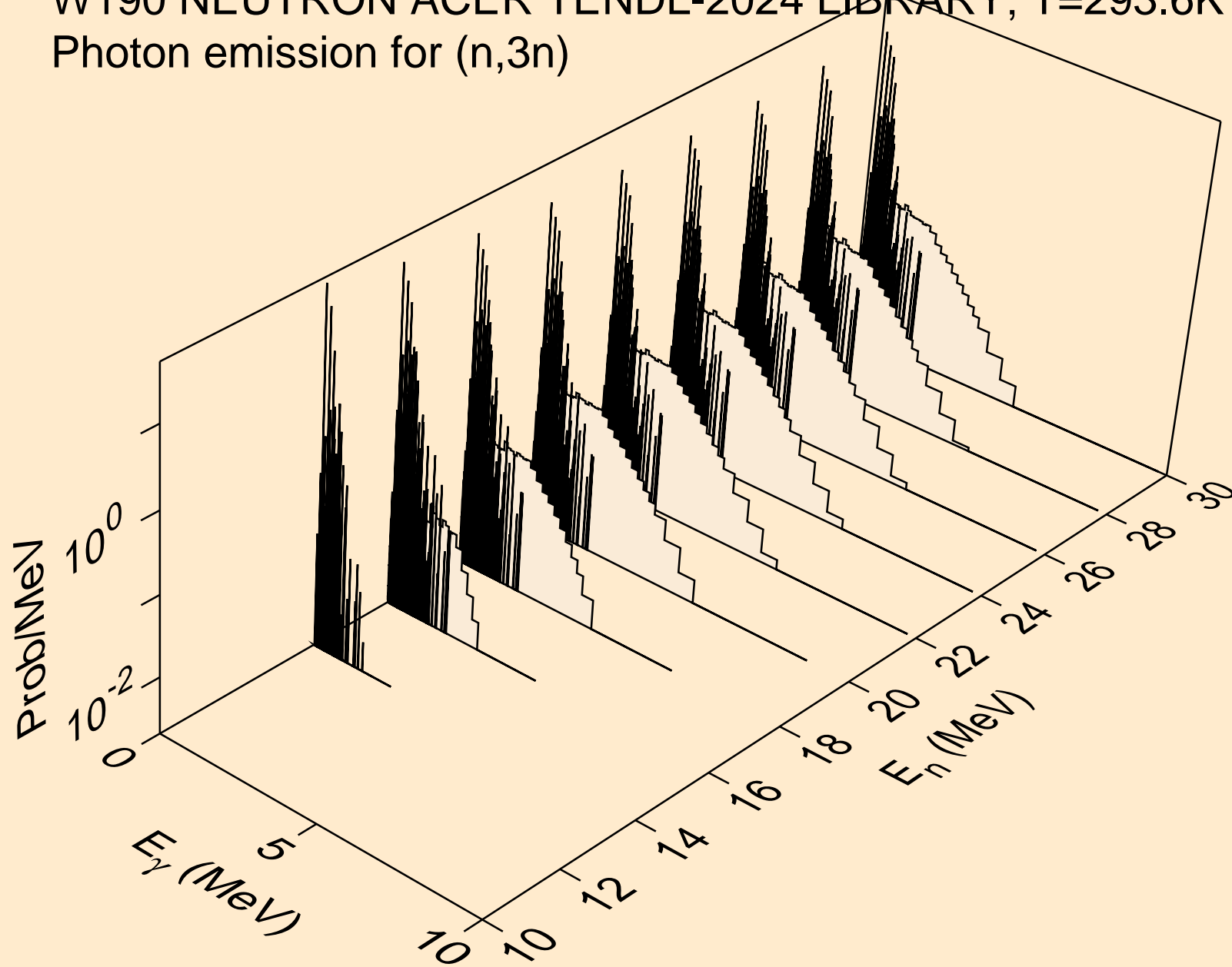
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



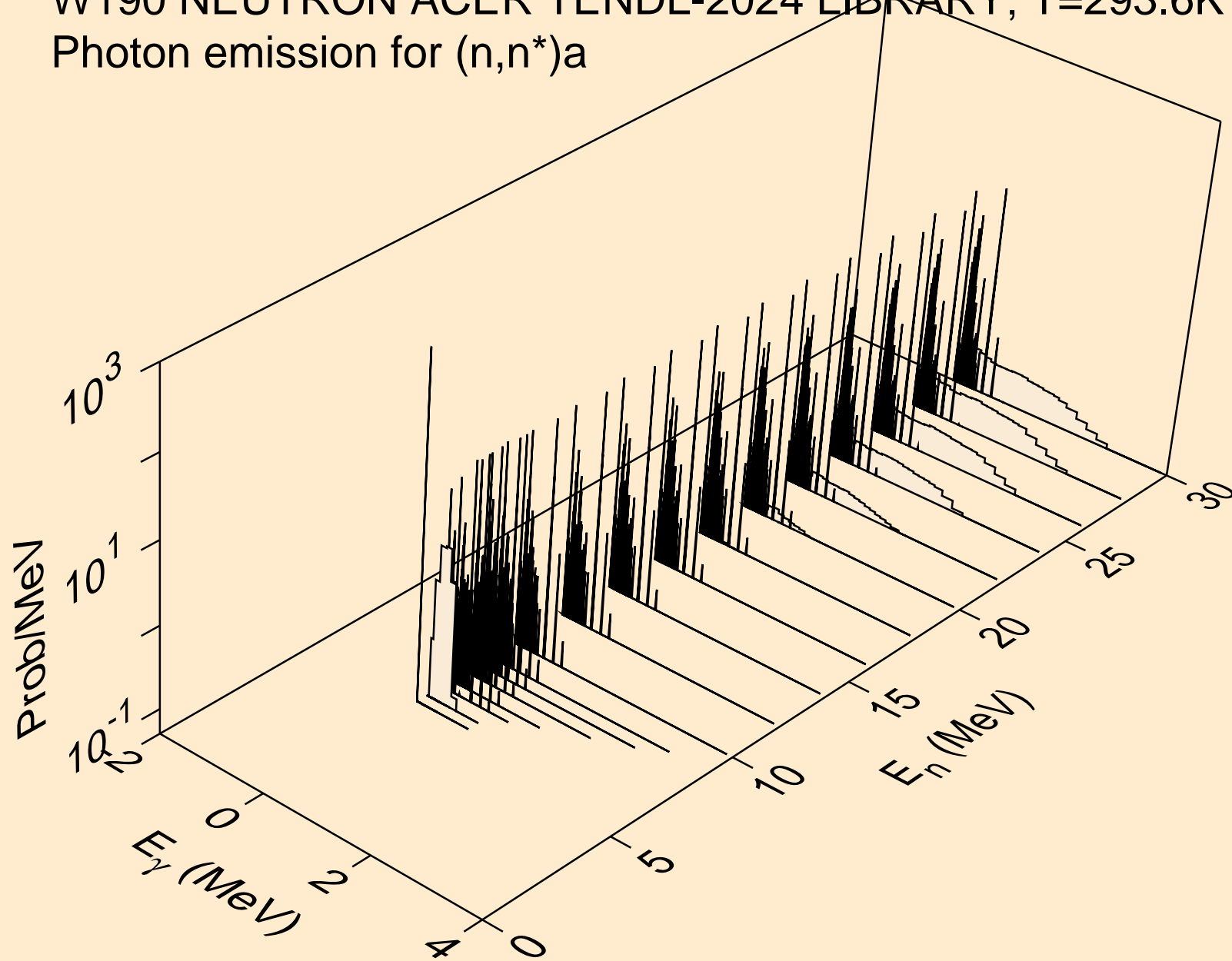
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



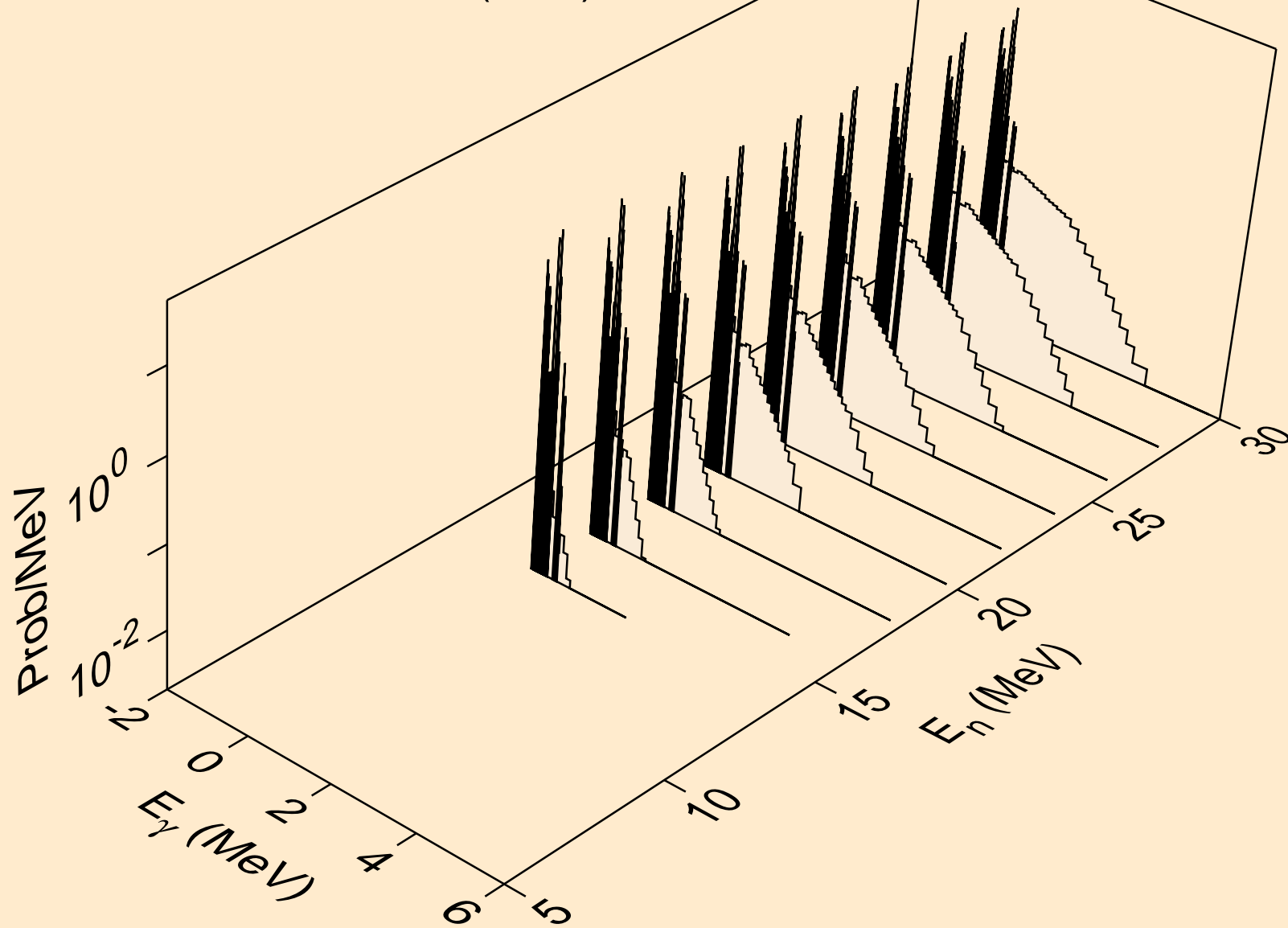
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



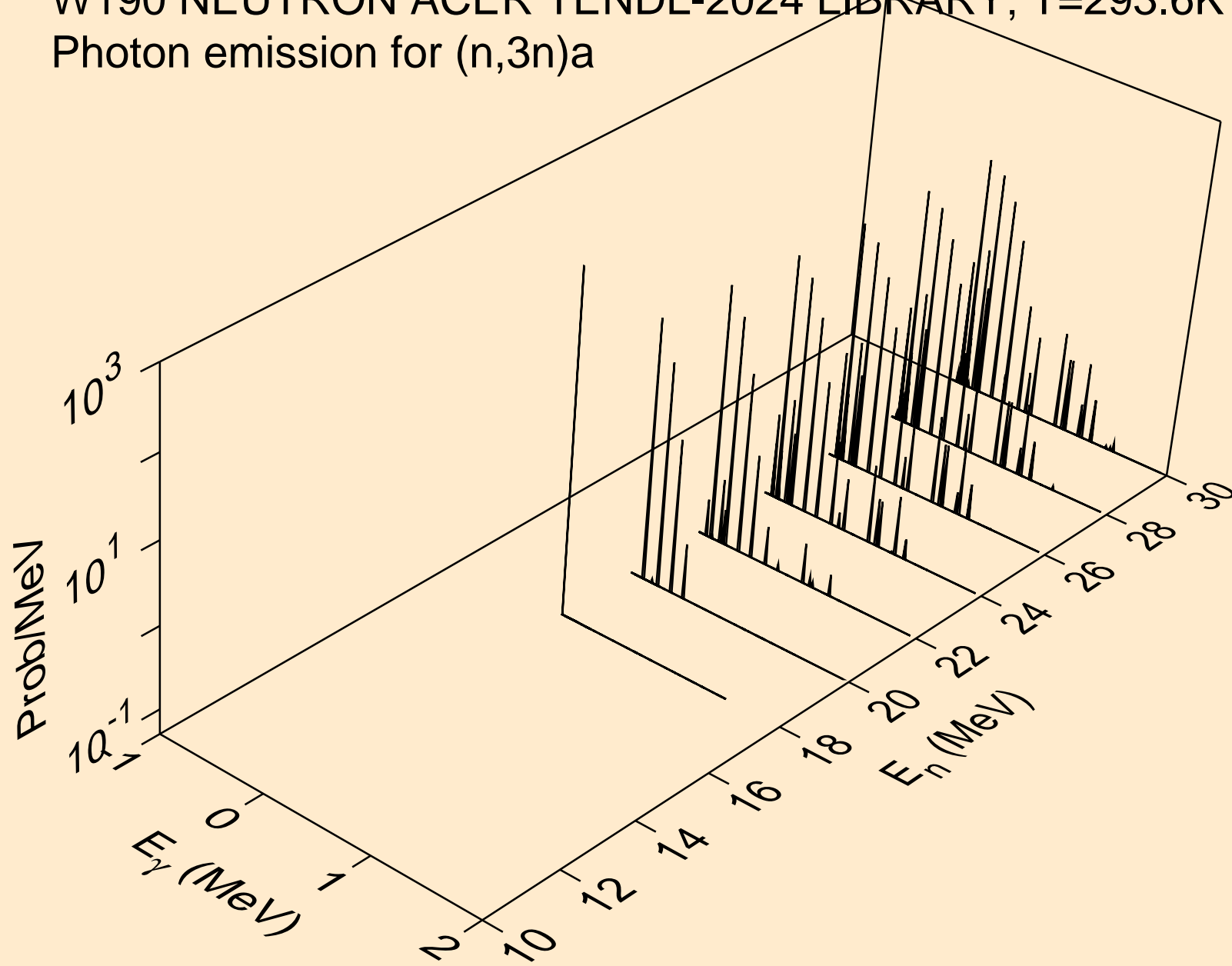
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



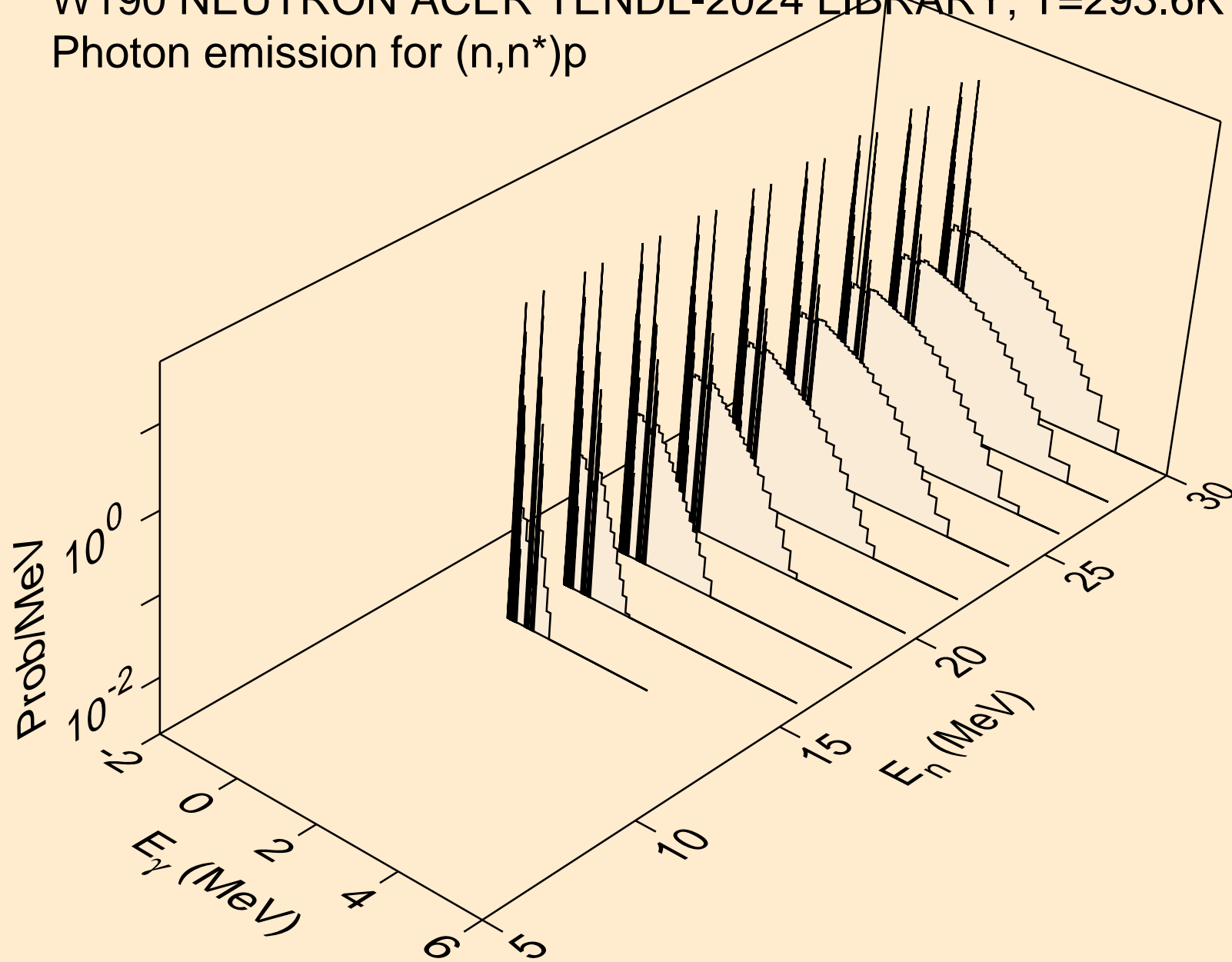
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



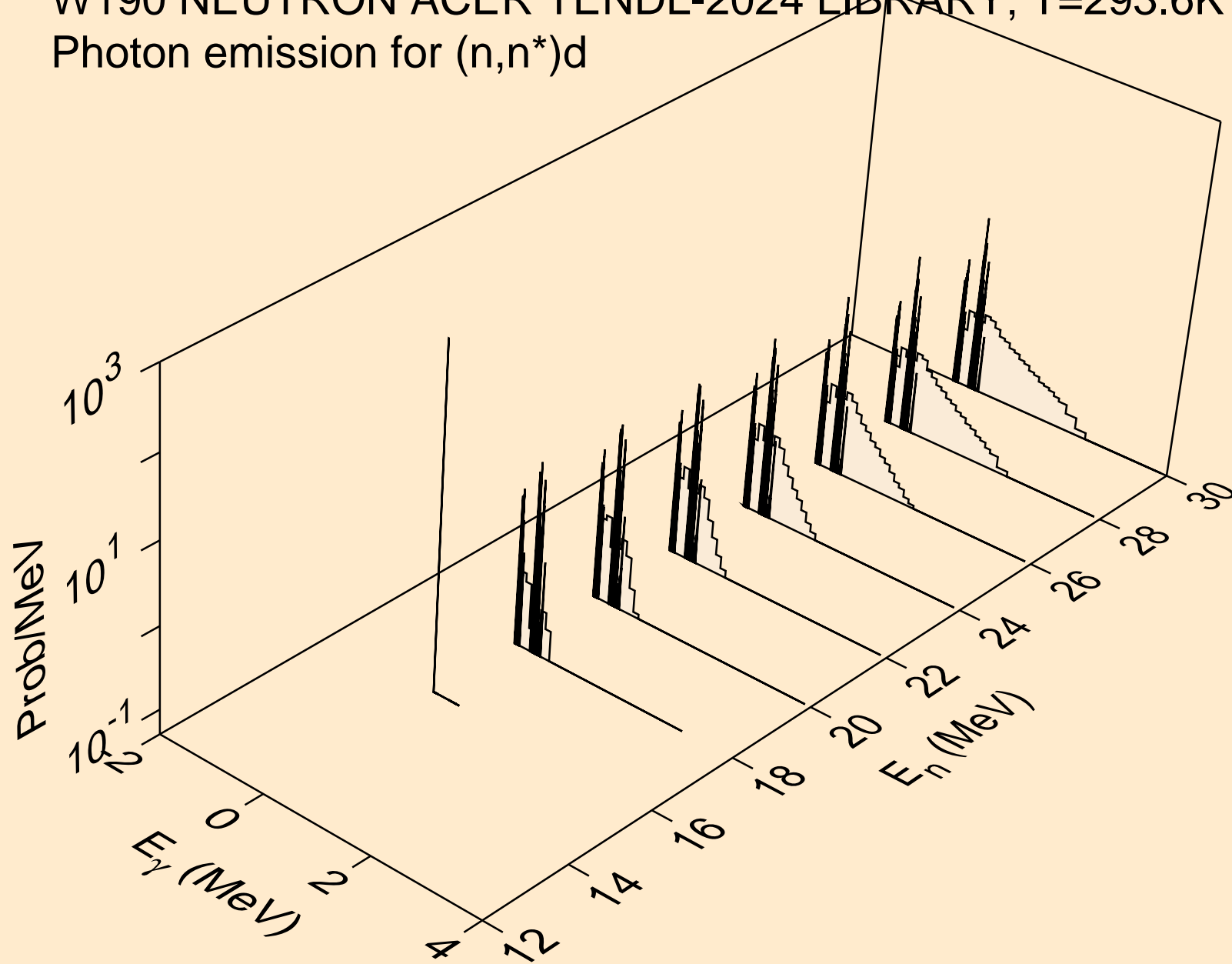
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



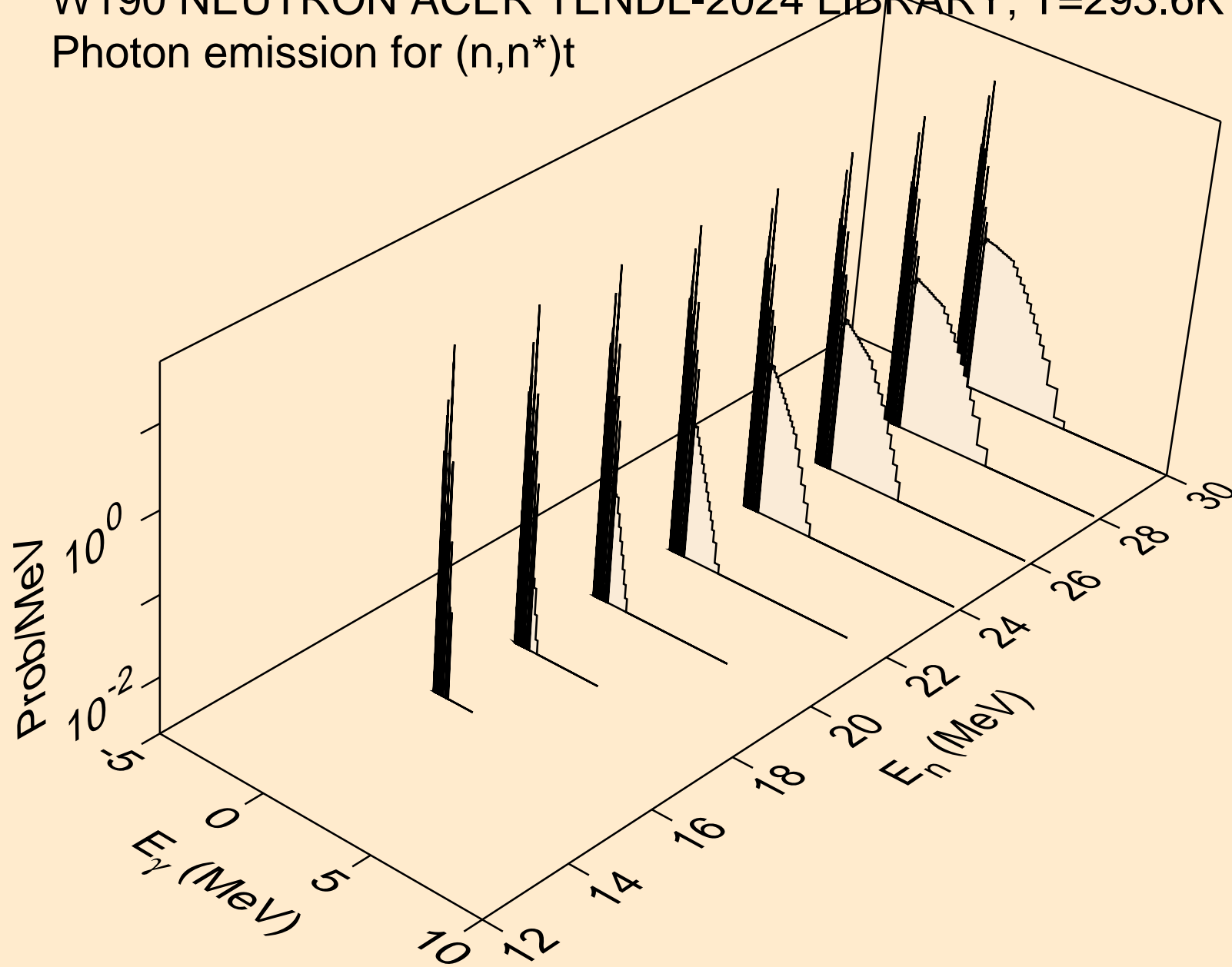
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



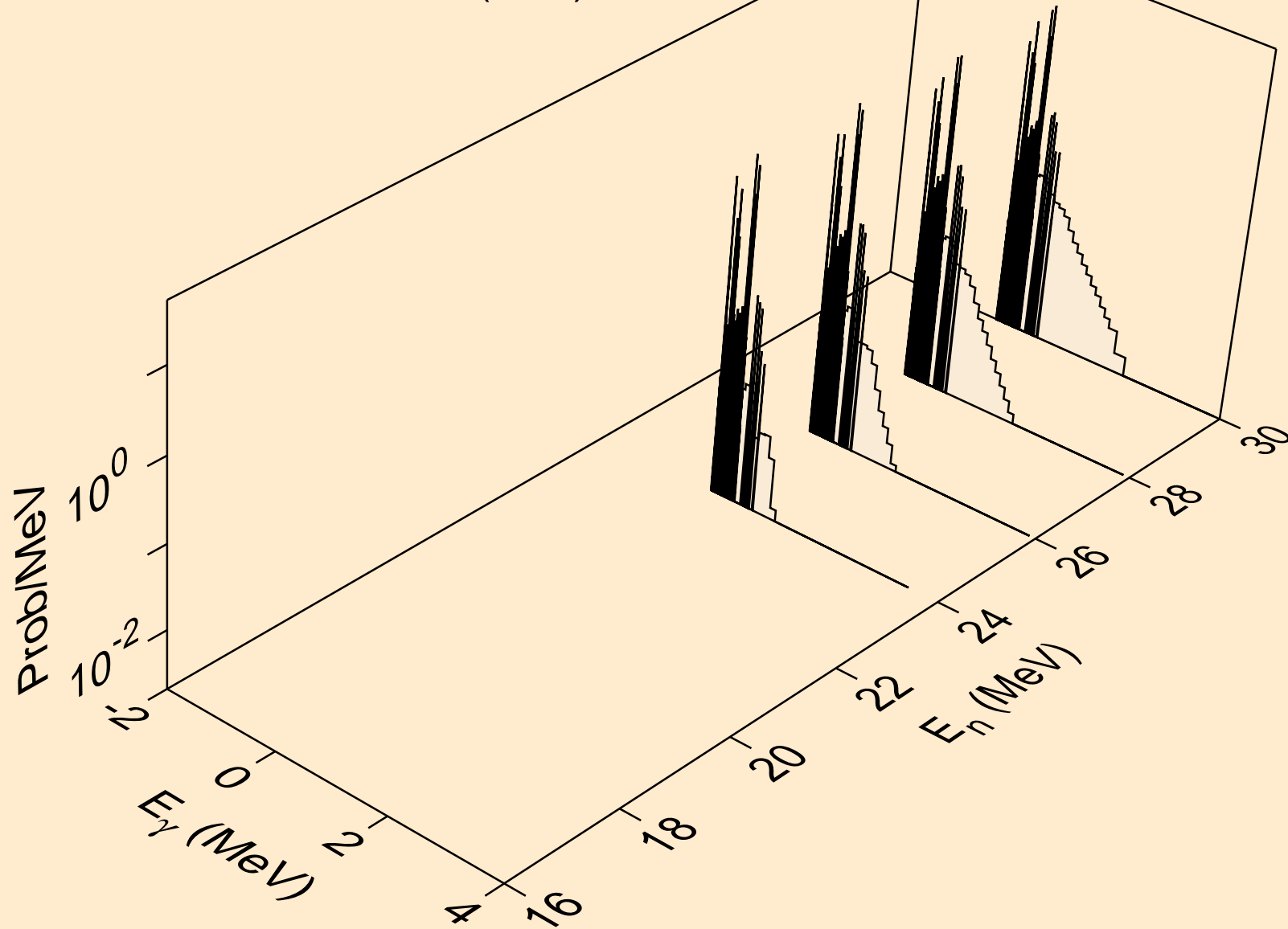
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



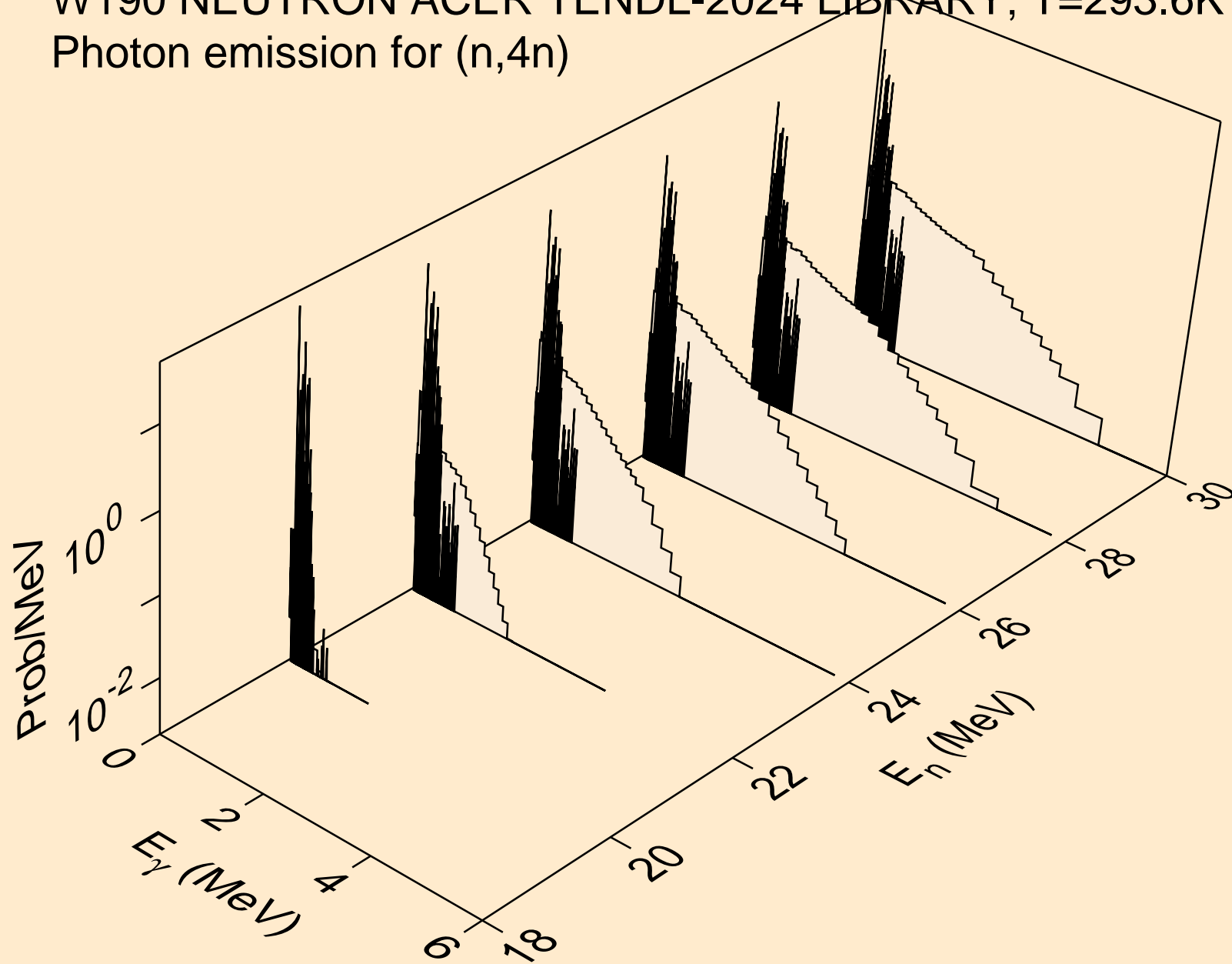
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



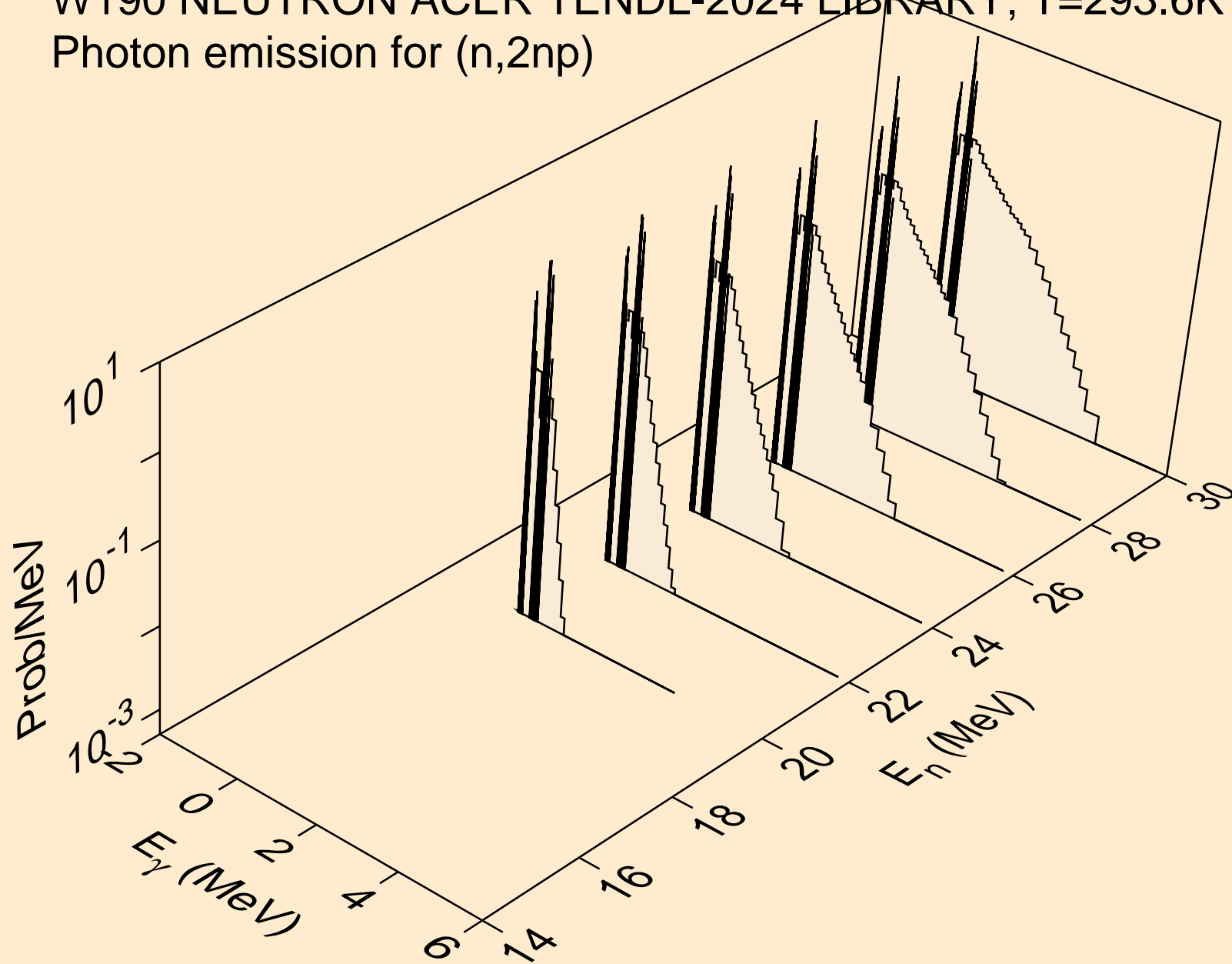
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



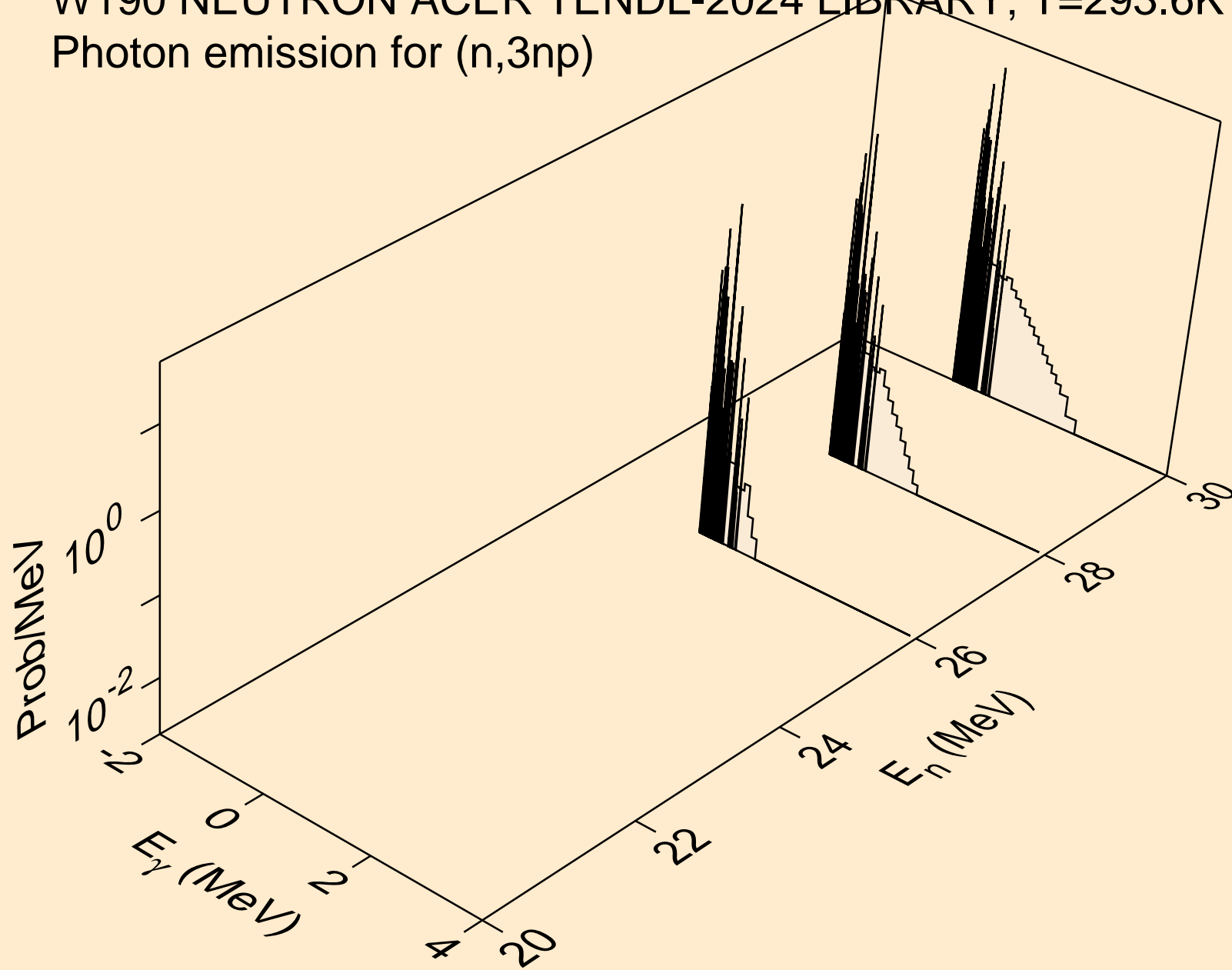
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



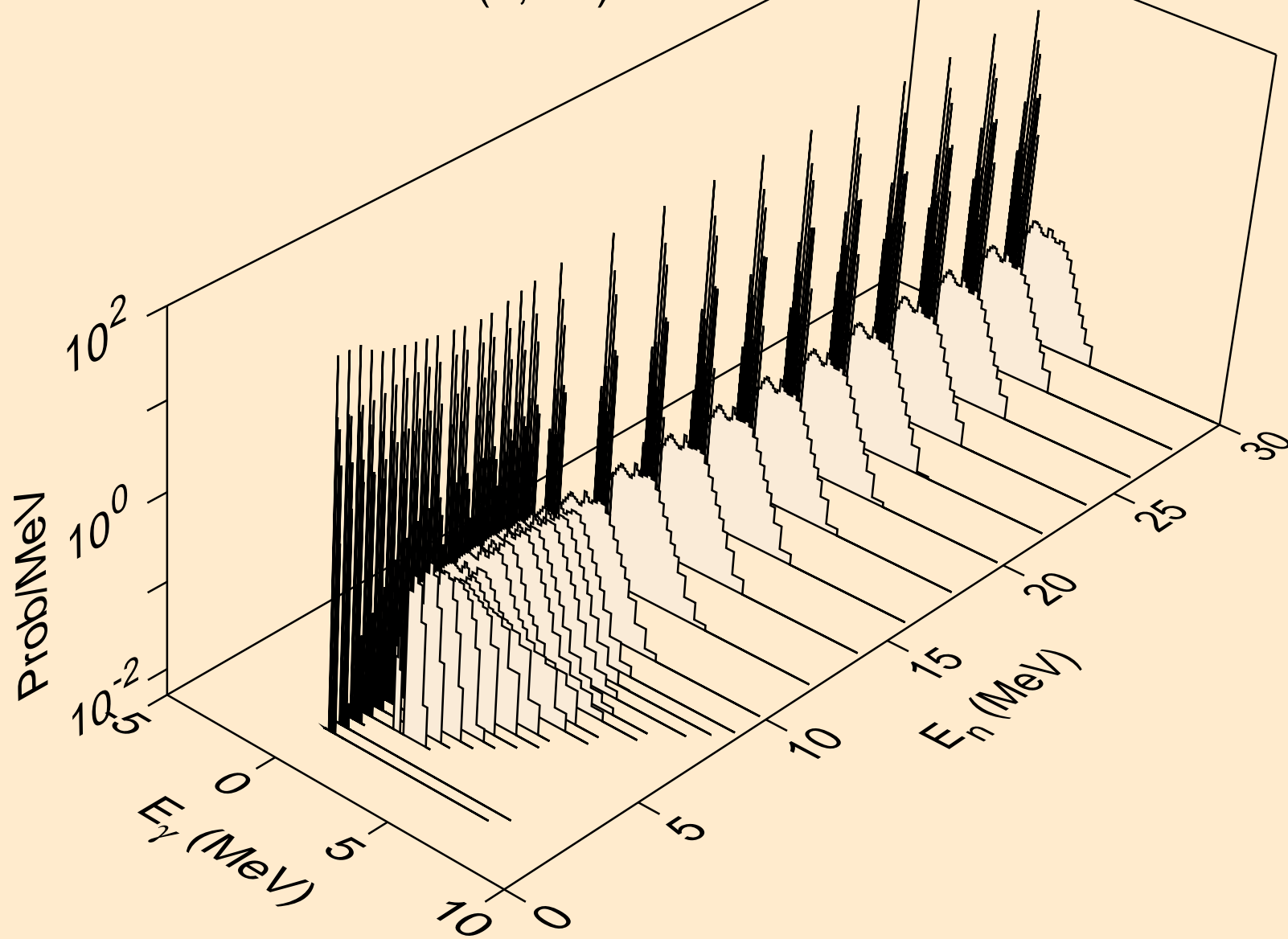
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



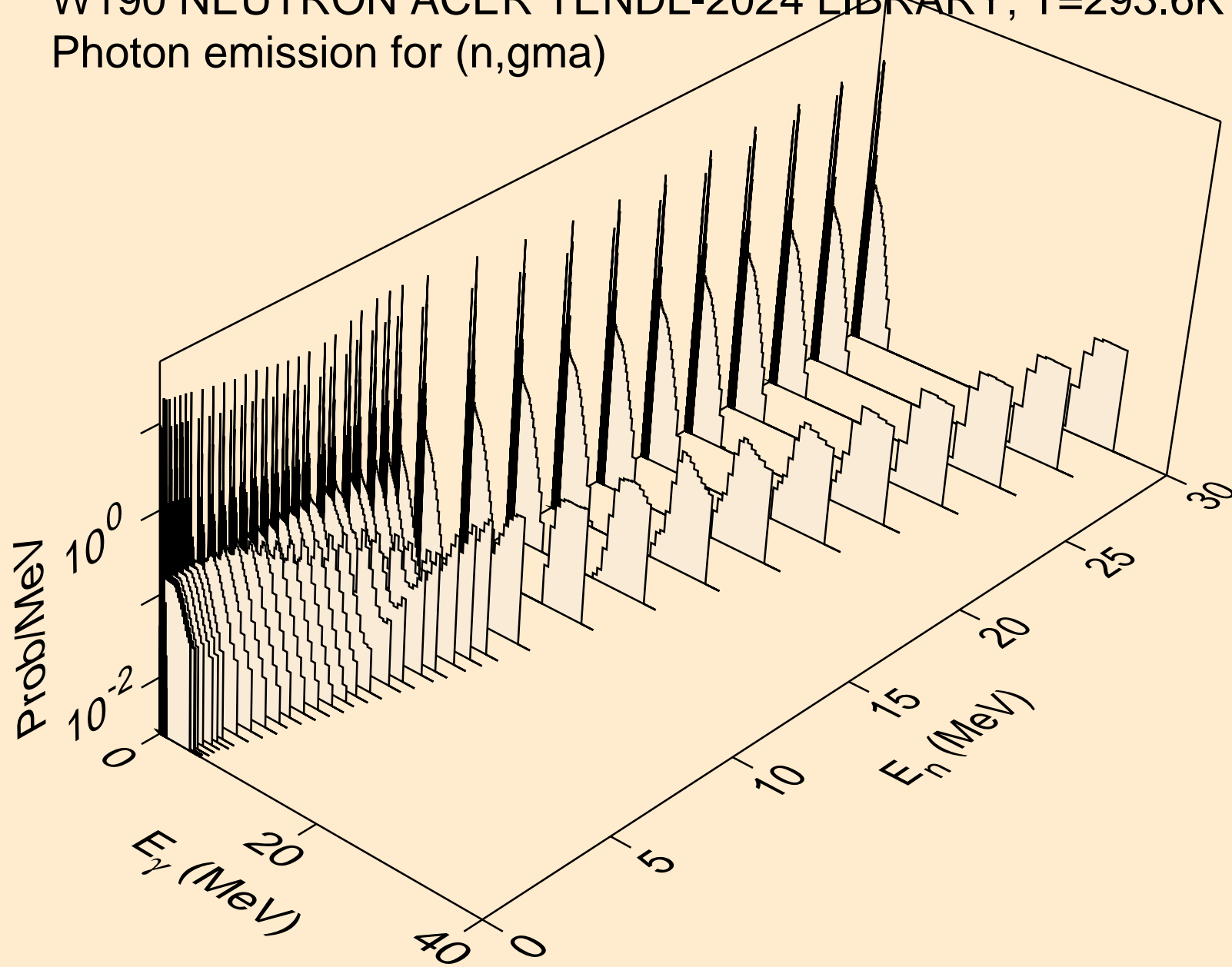
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



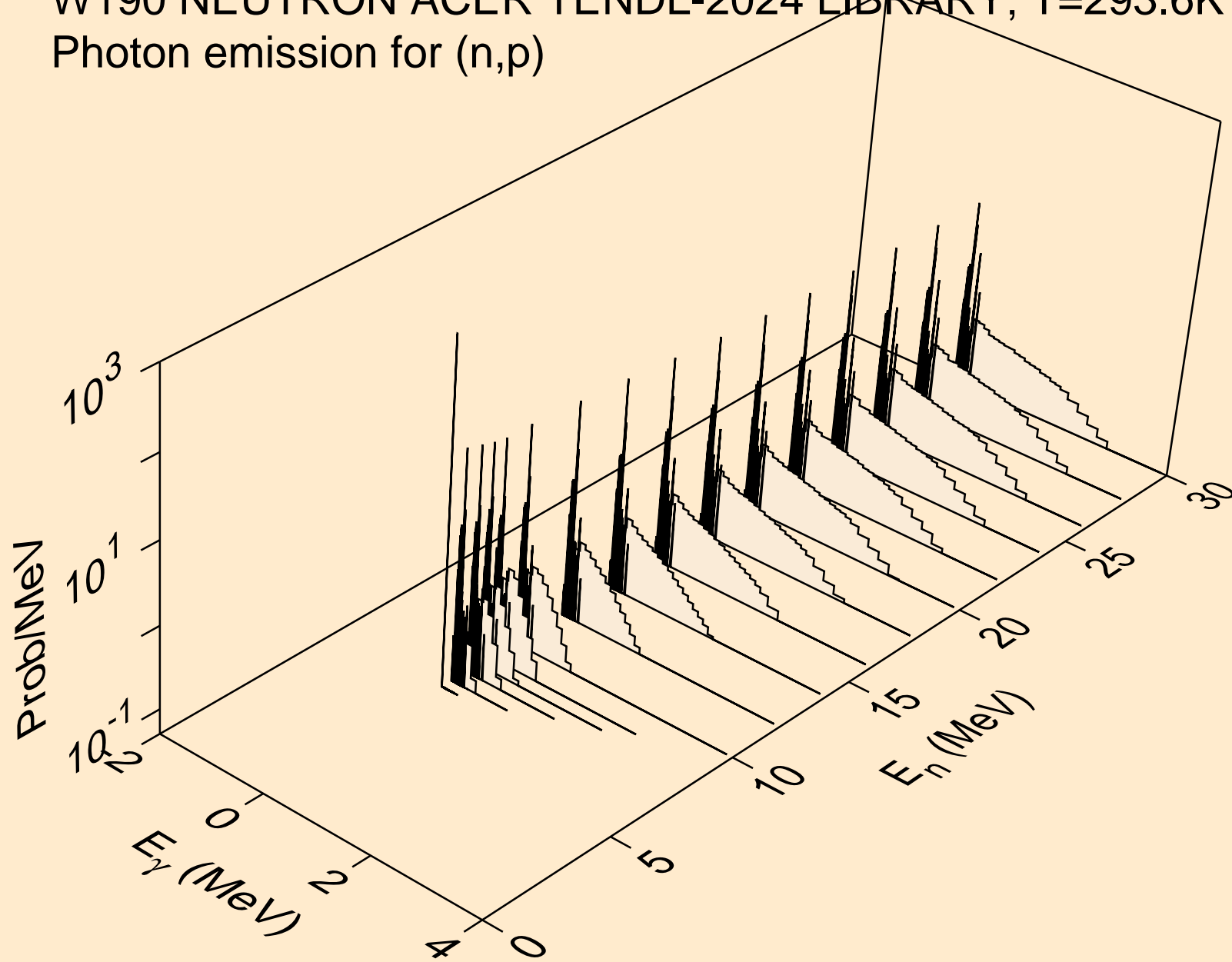
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



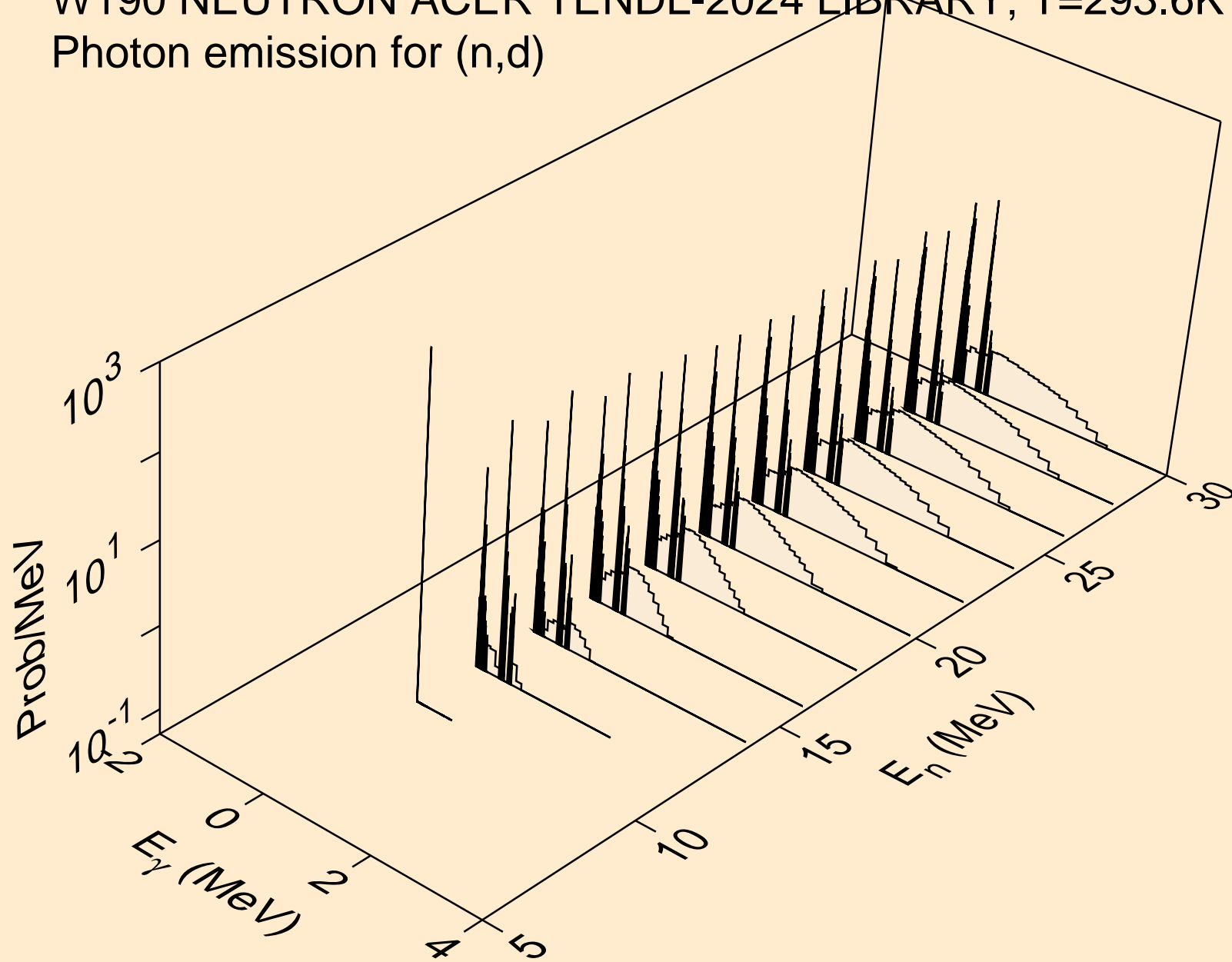
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



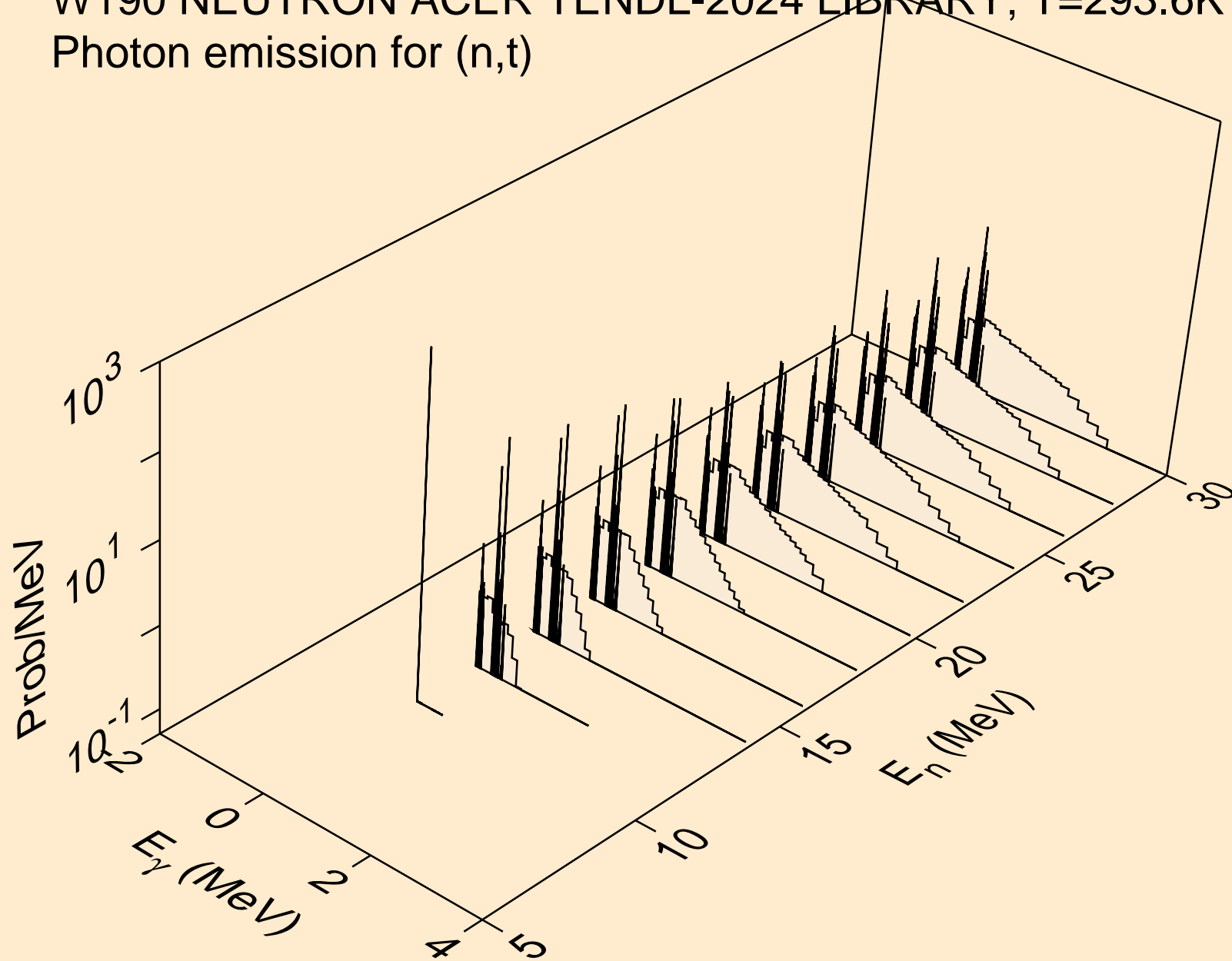
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



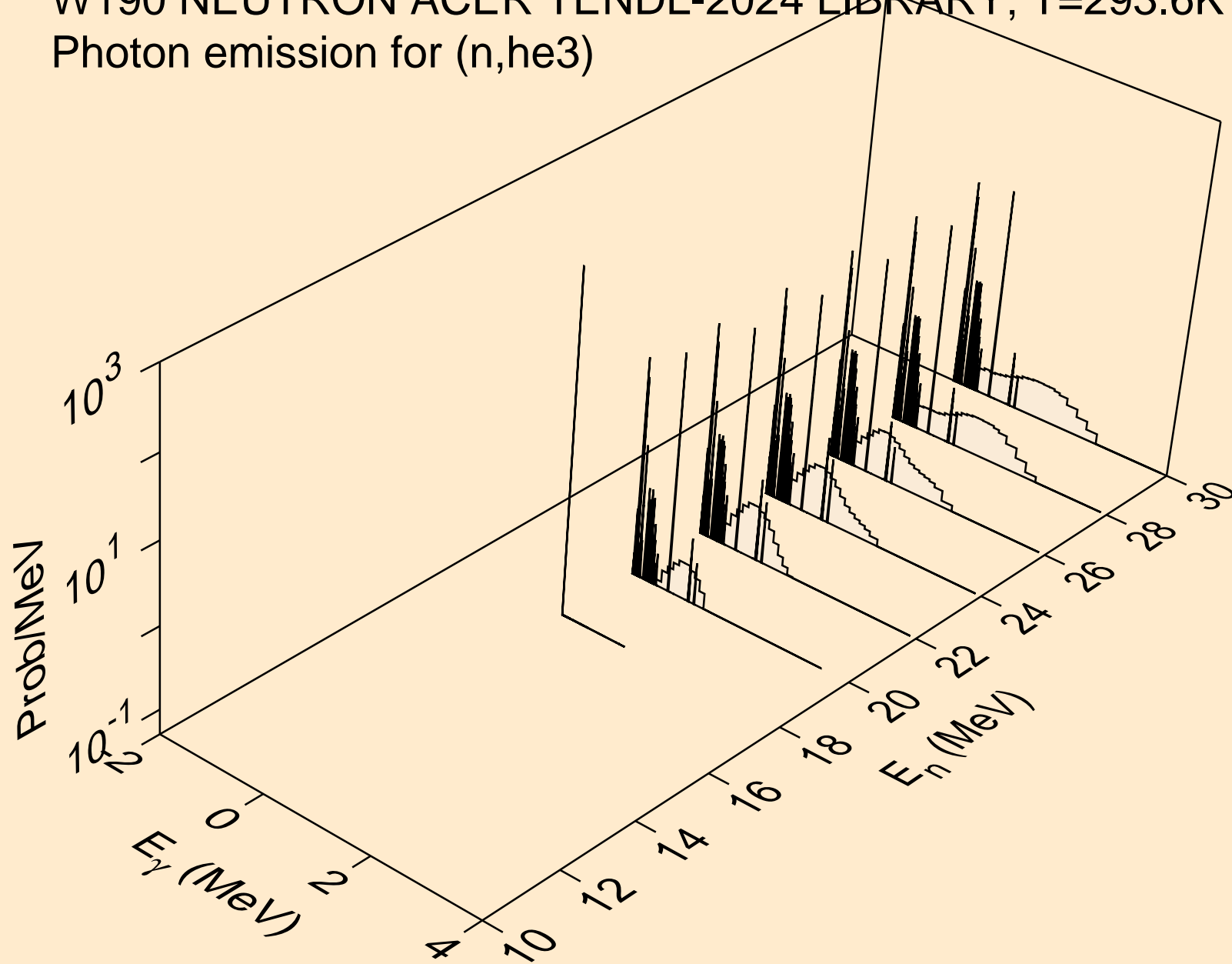
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



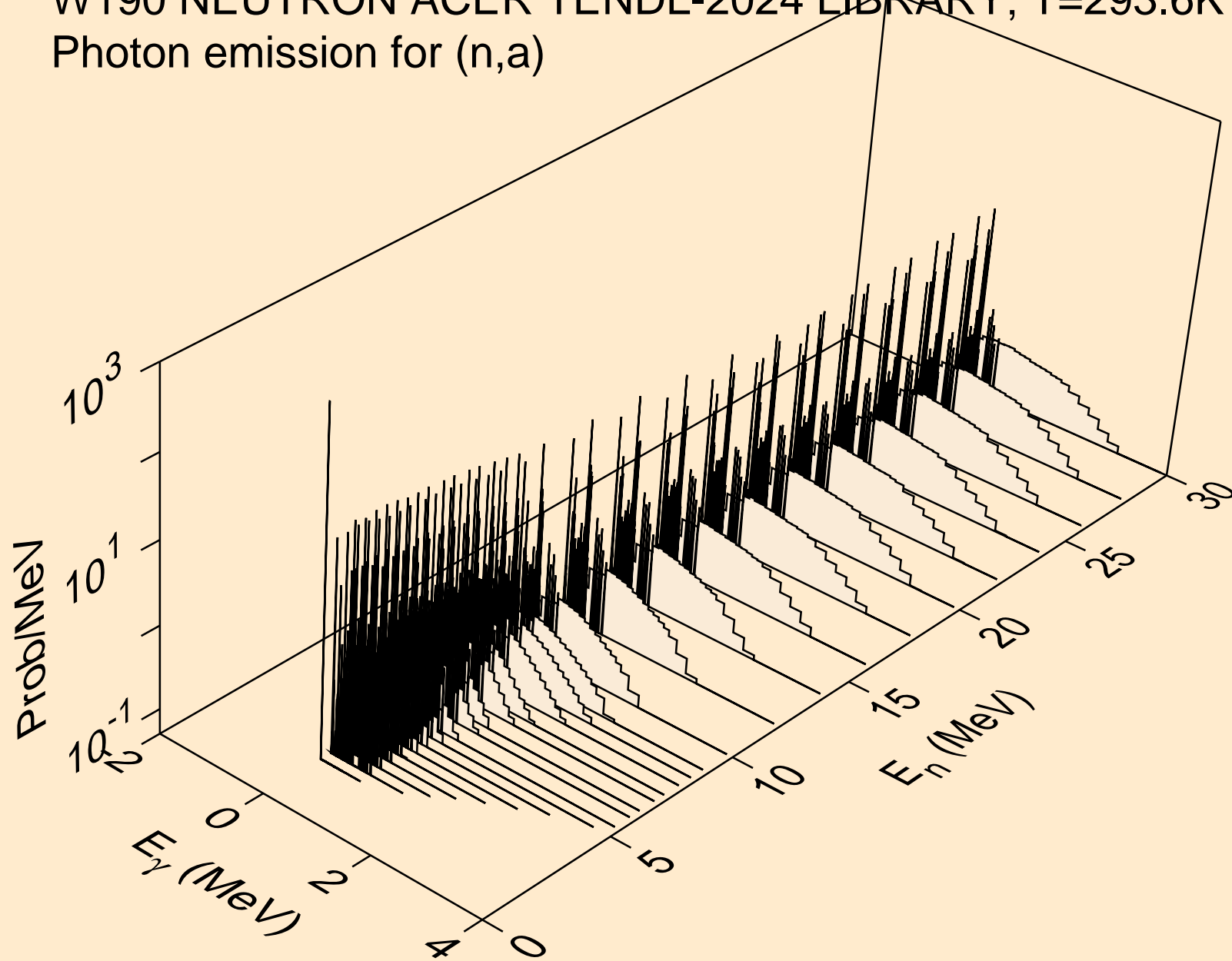
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



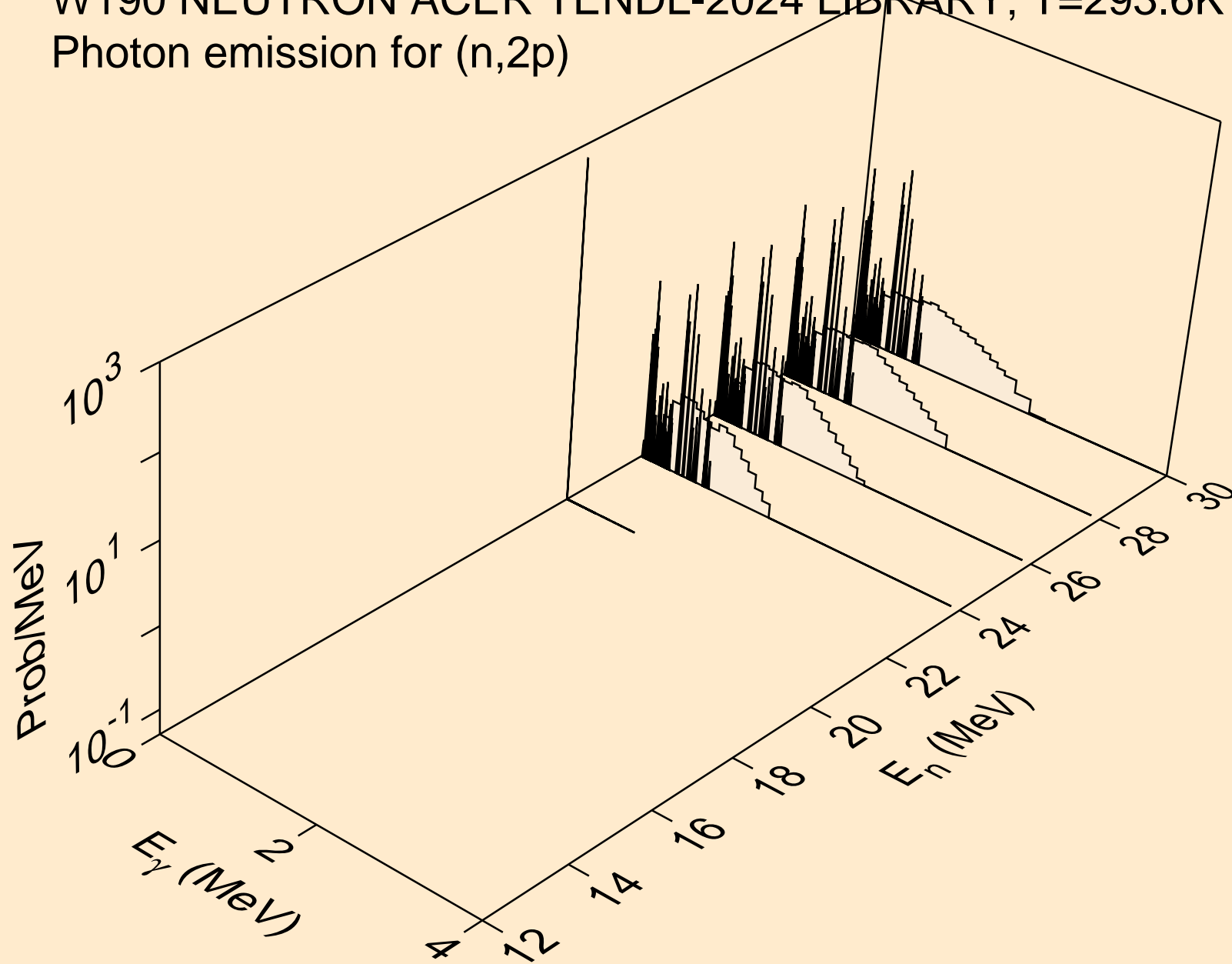
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



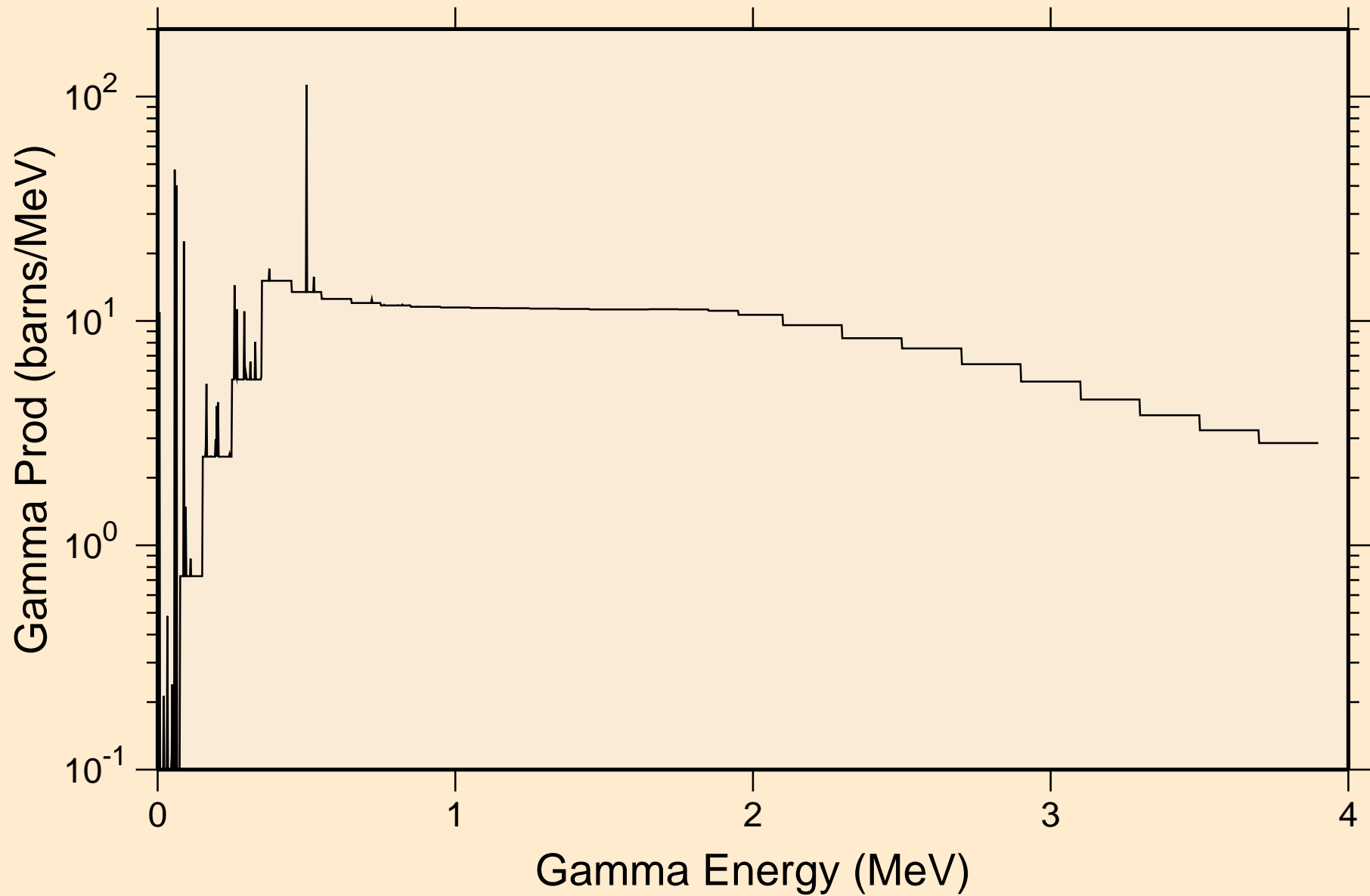
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



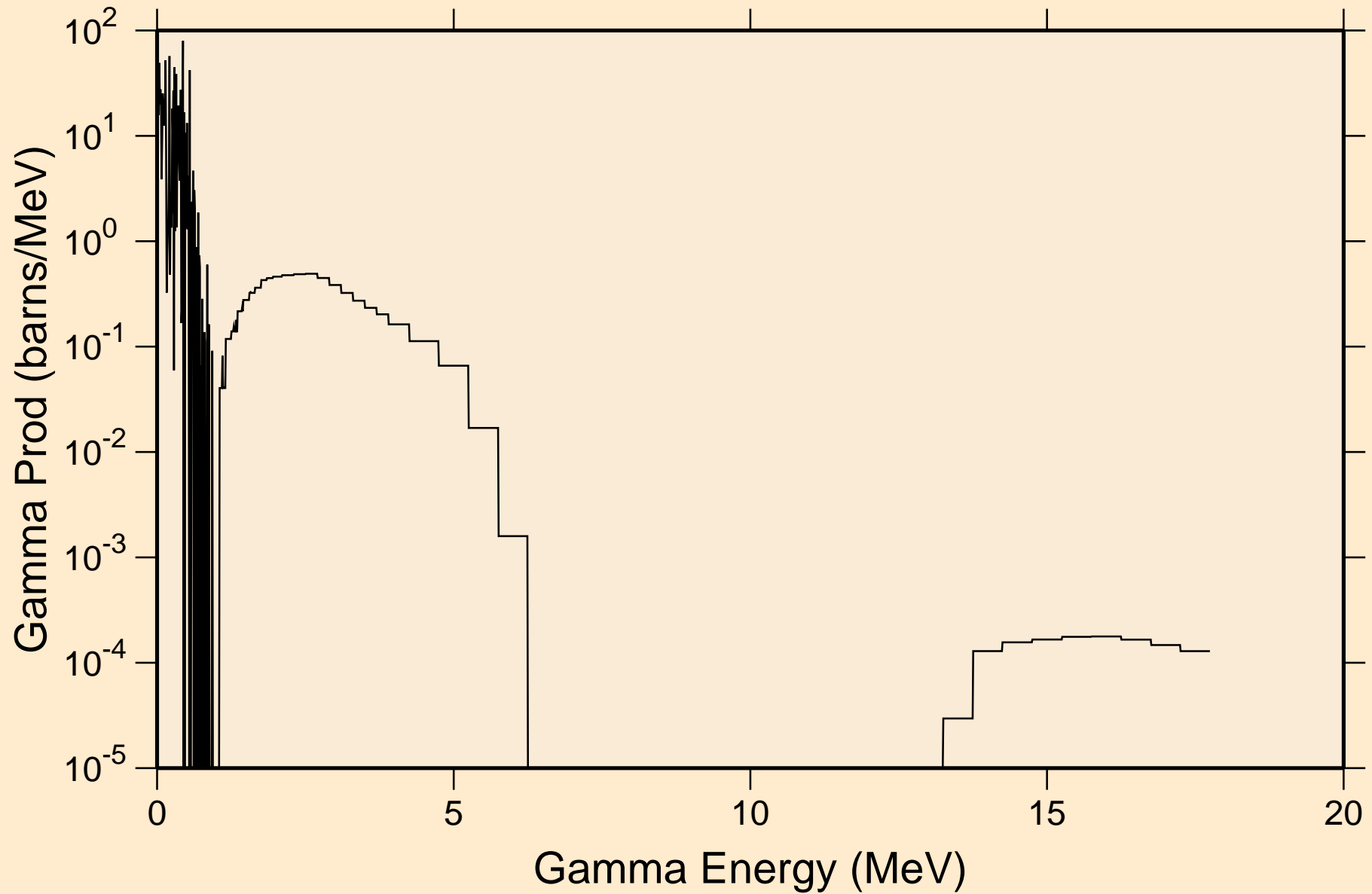
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

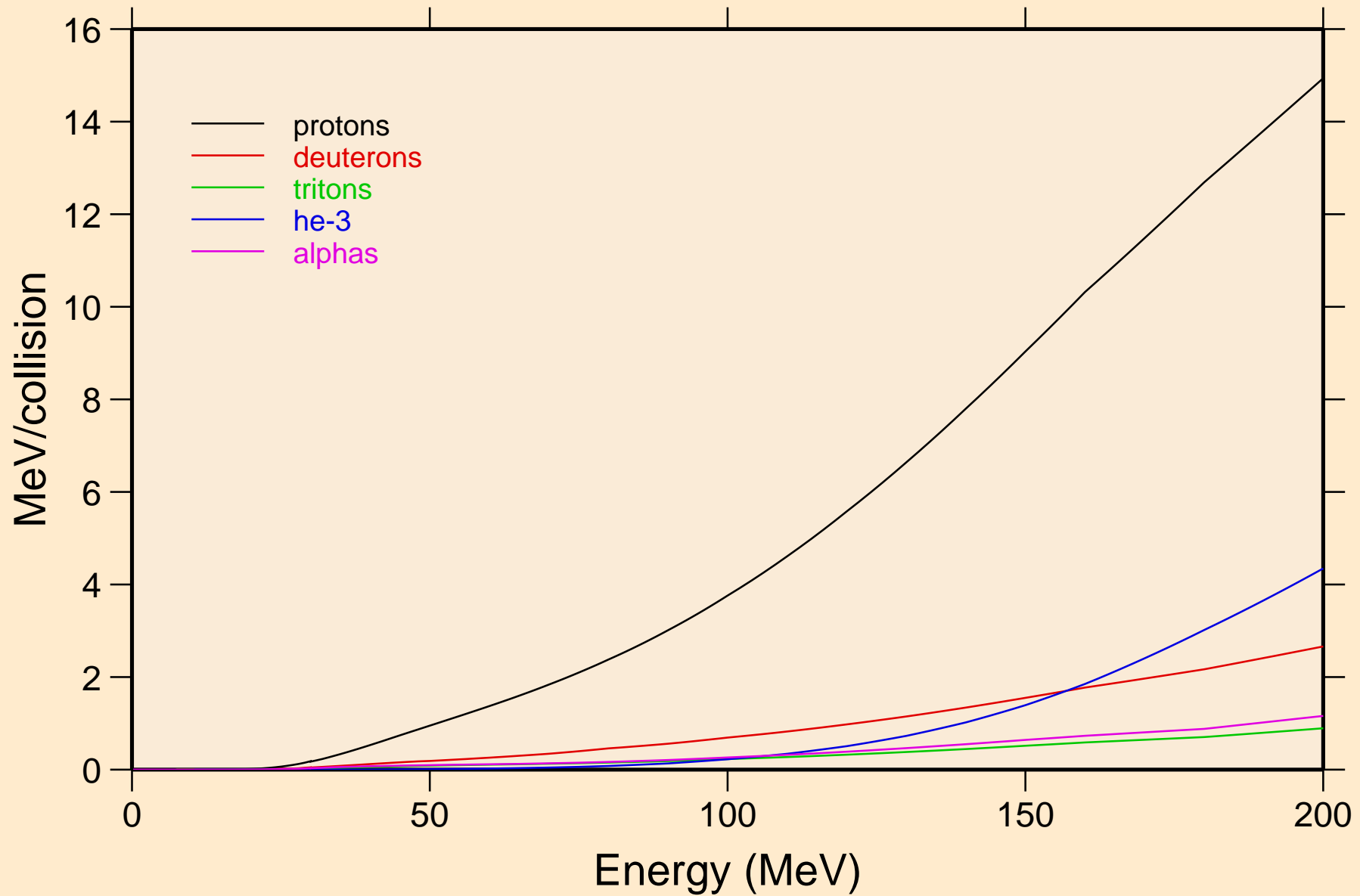


W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

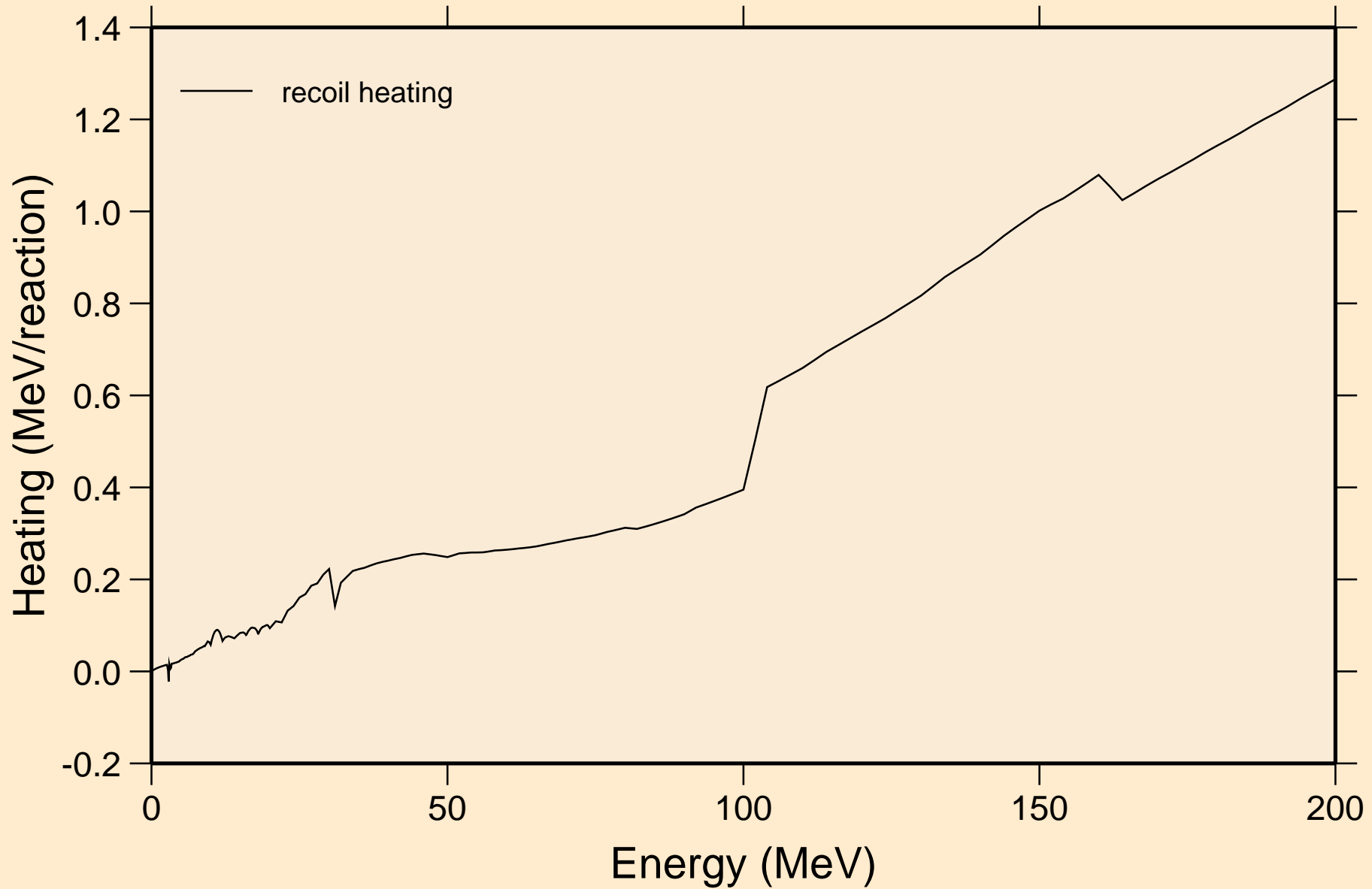


# W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

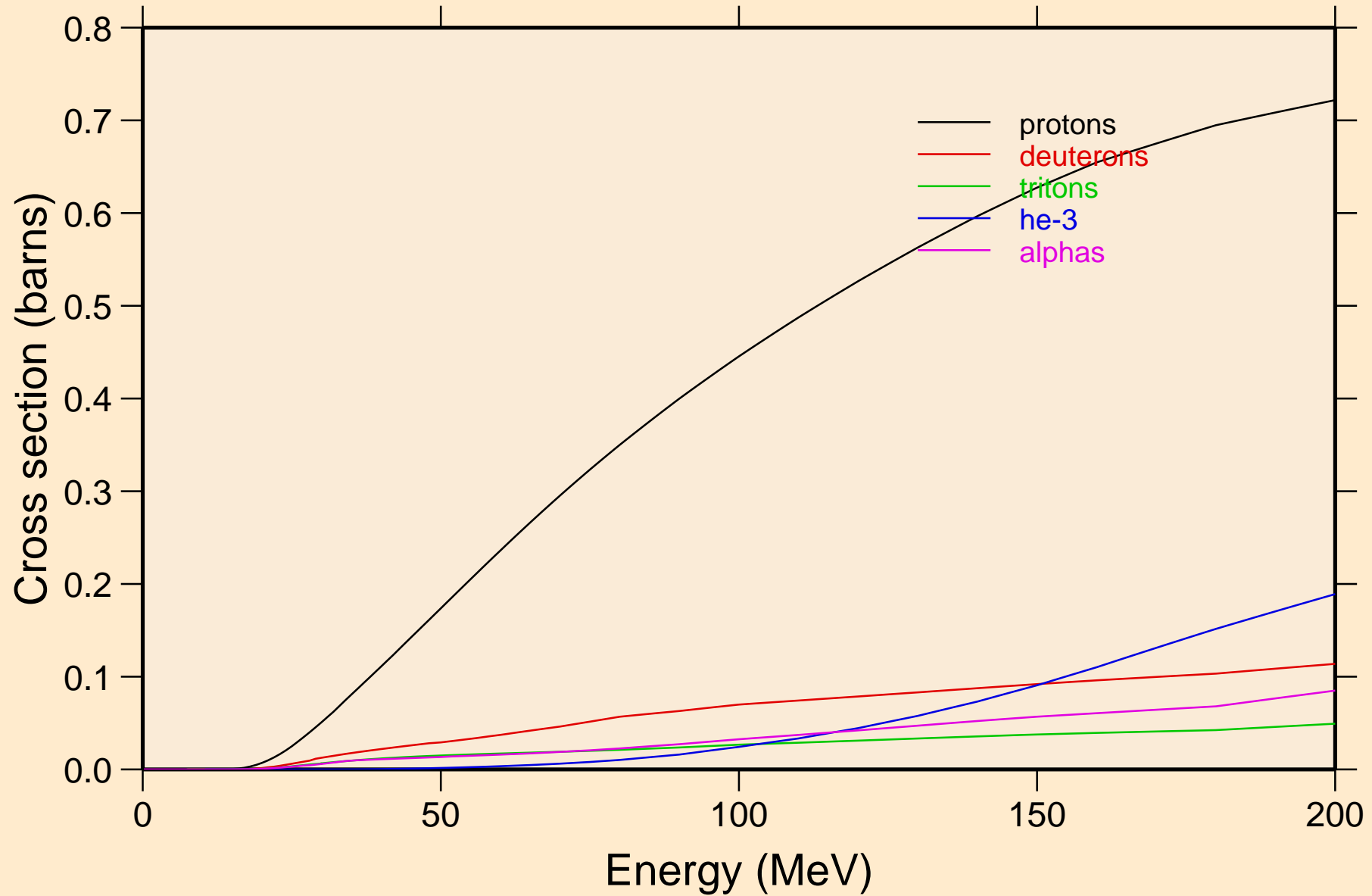
## Particle heating contributions



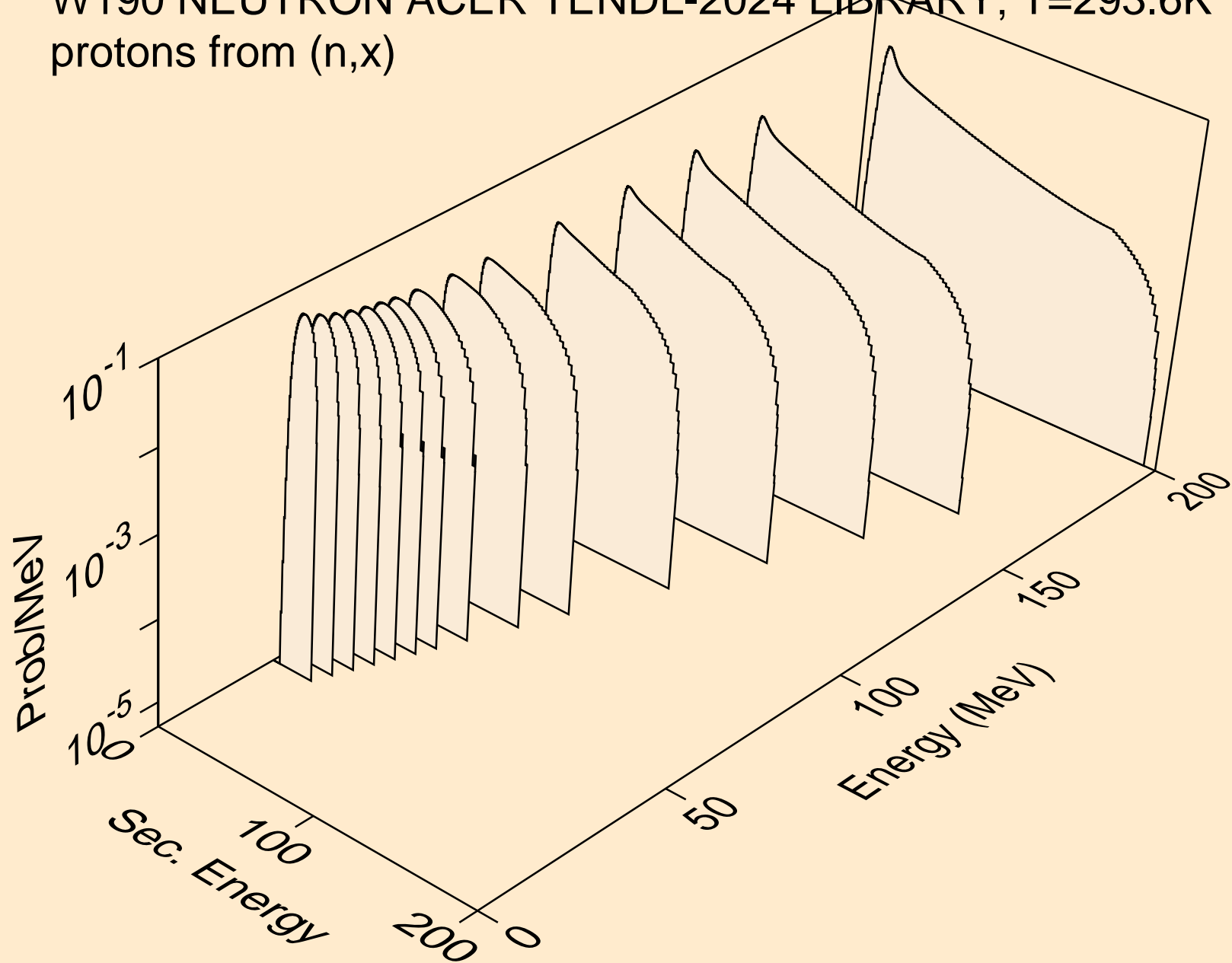
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



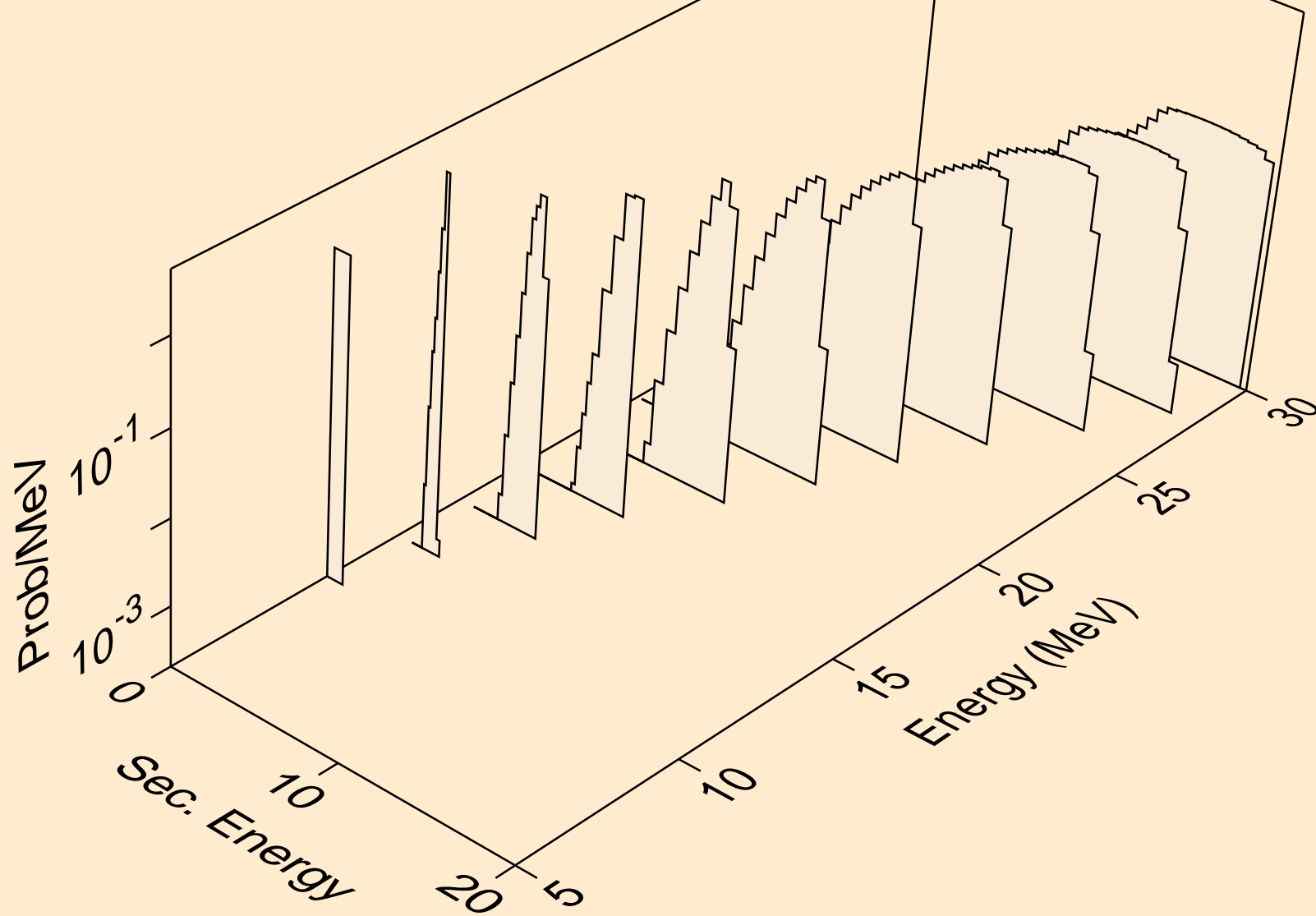
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



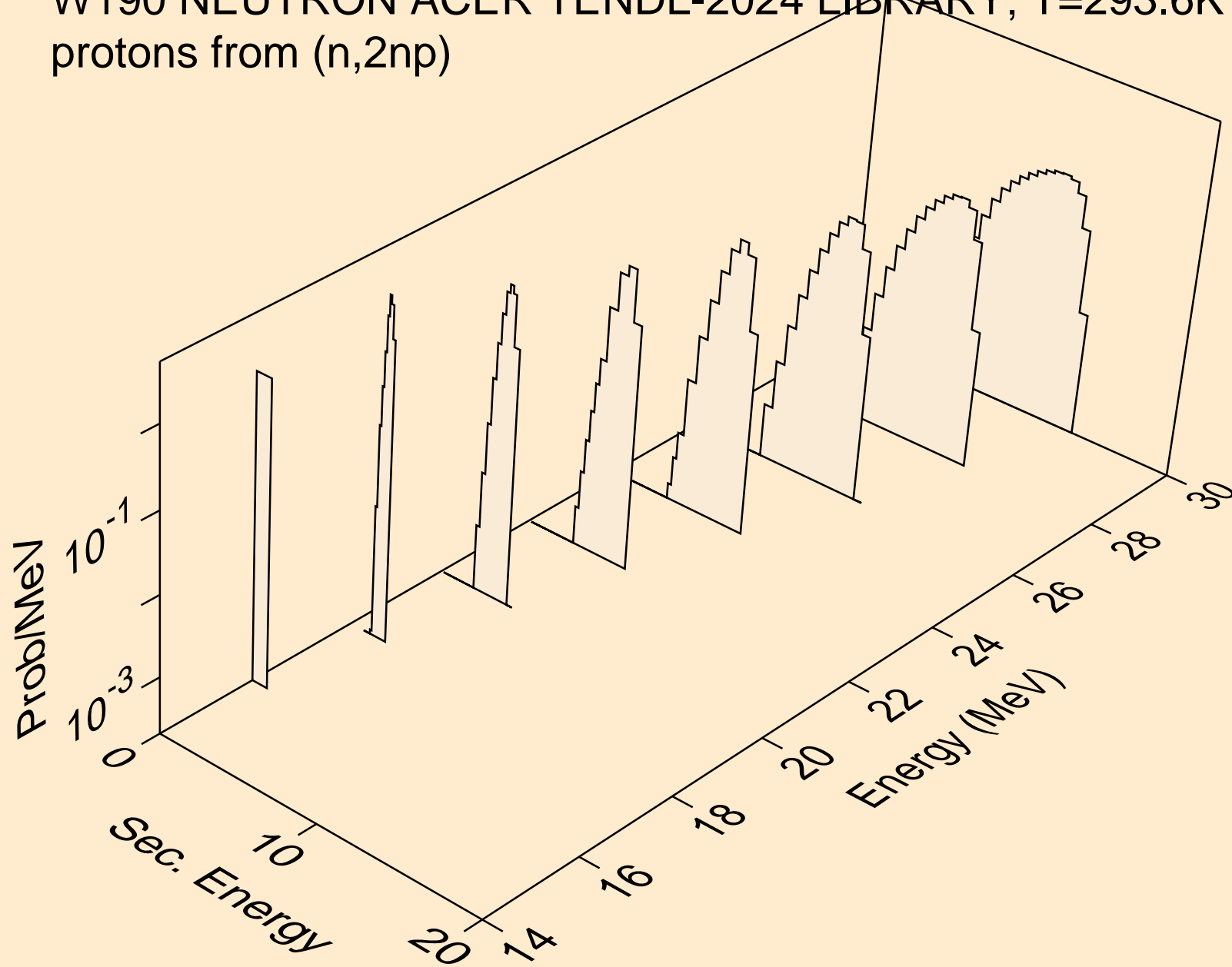
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



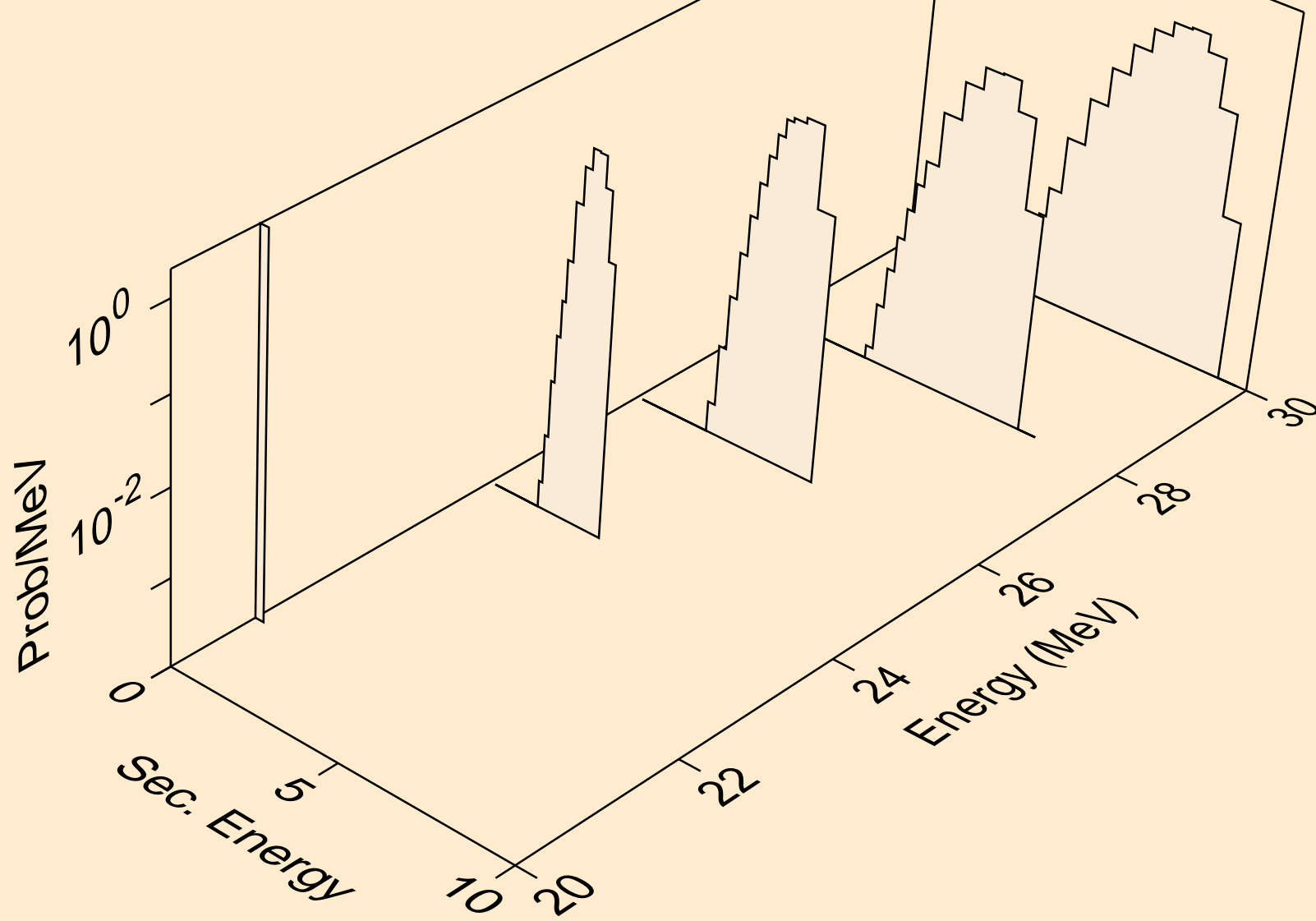
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



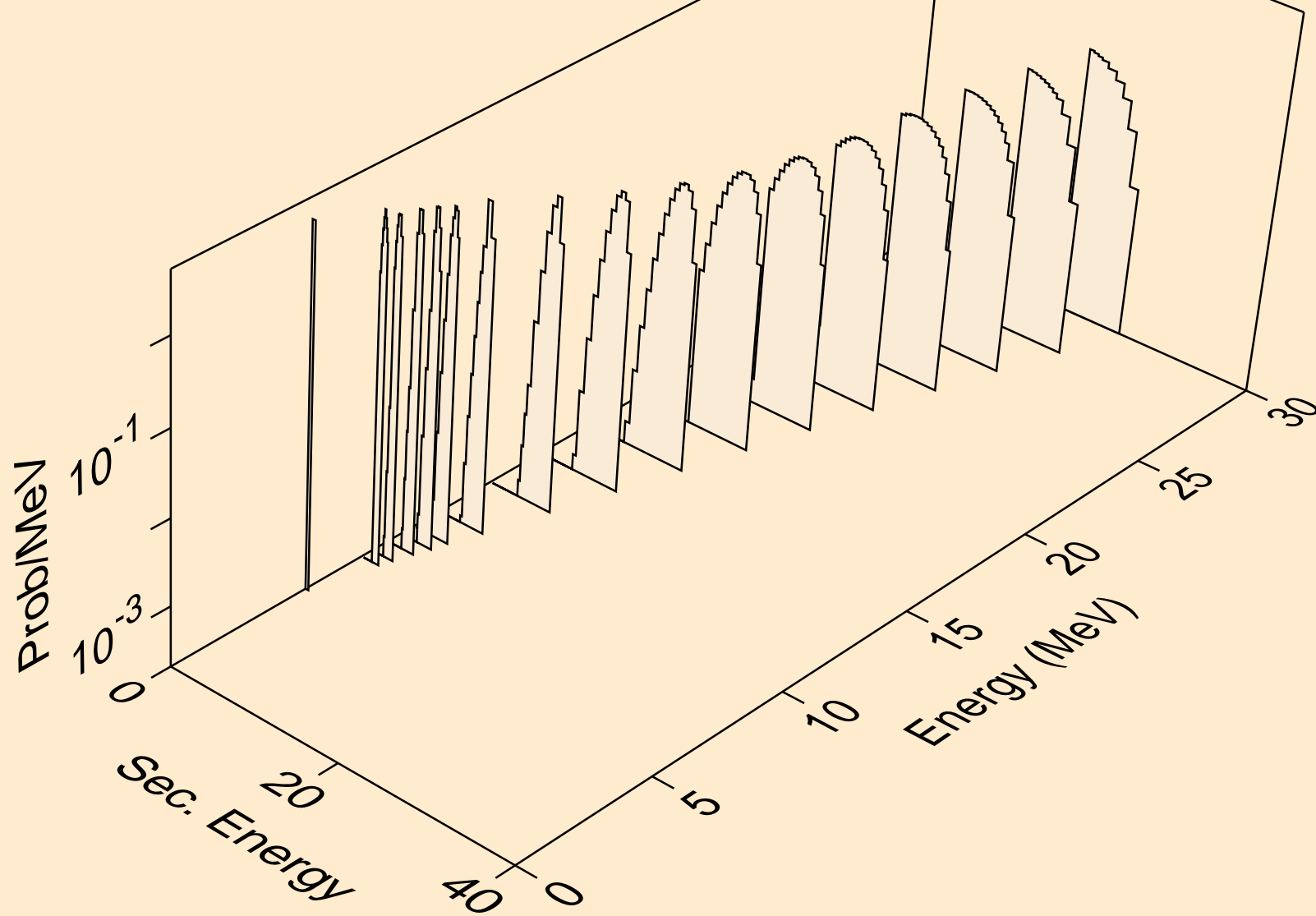
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



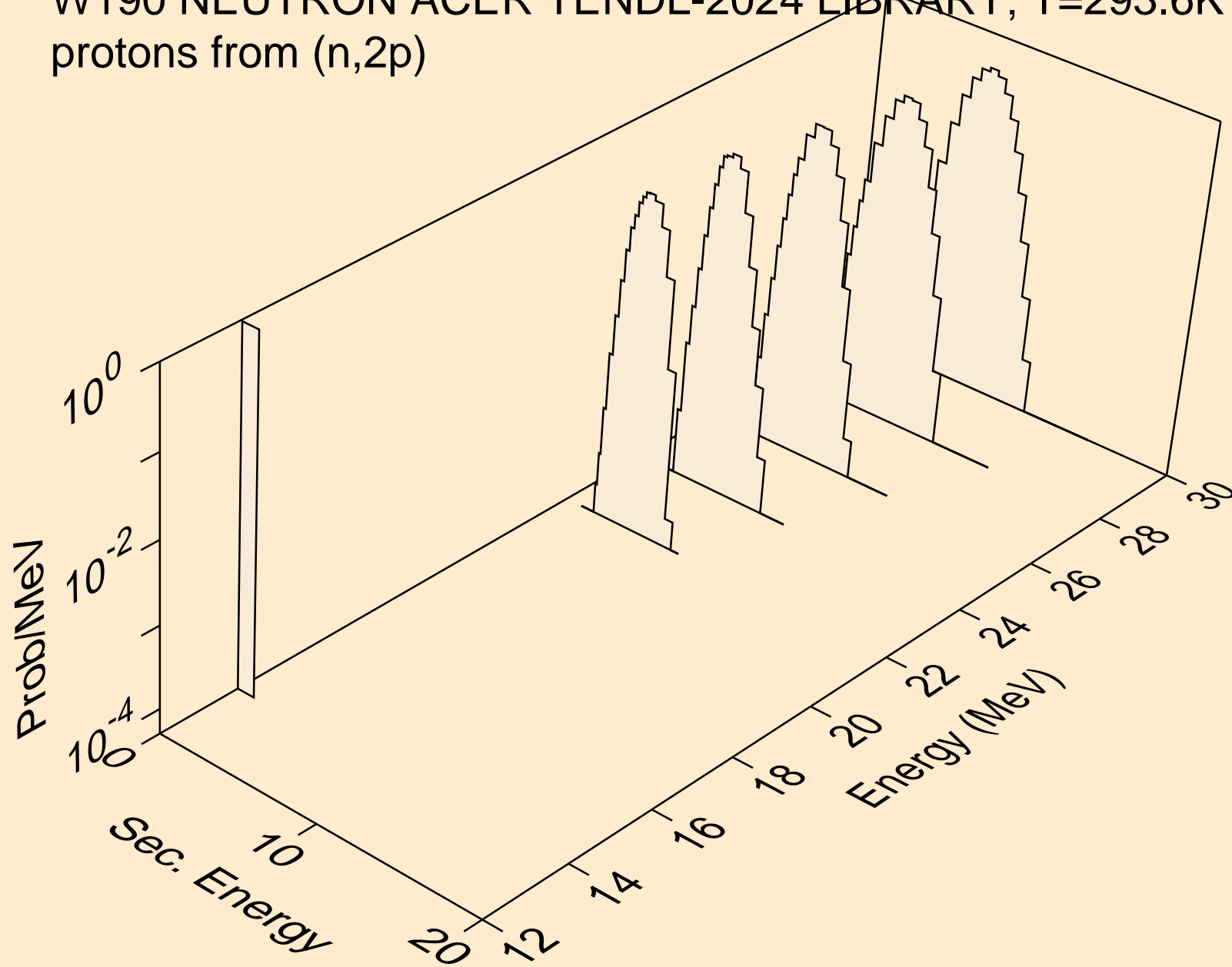
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



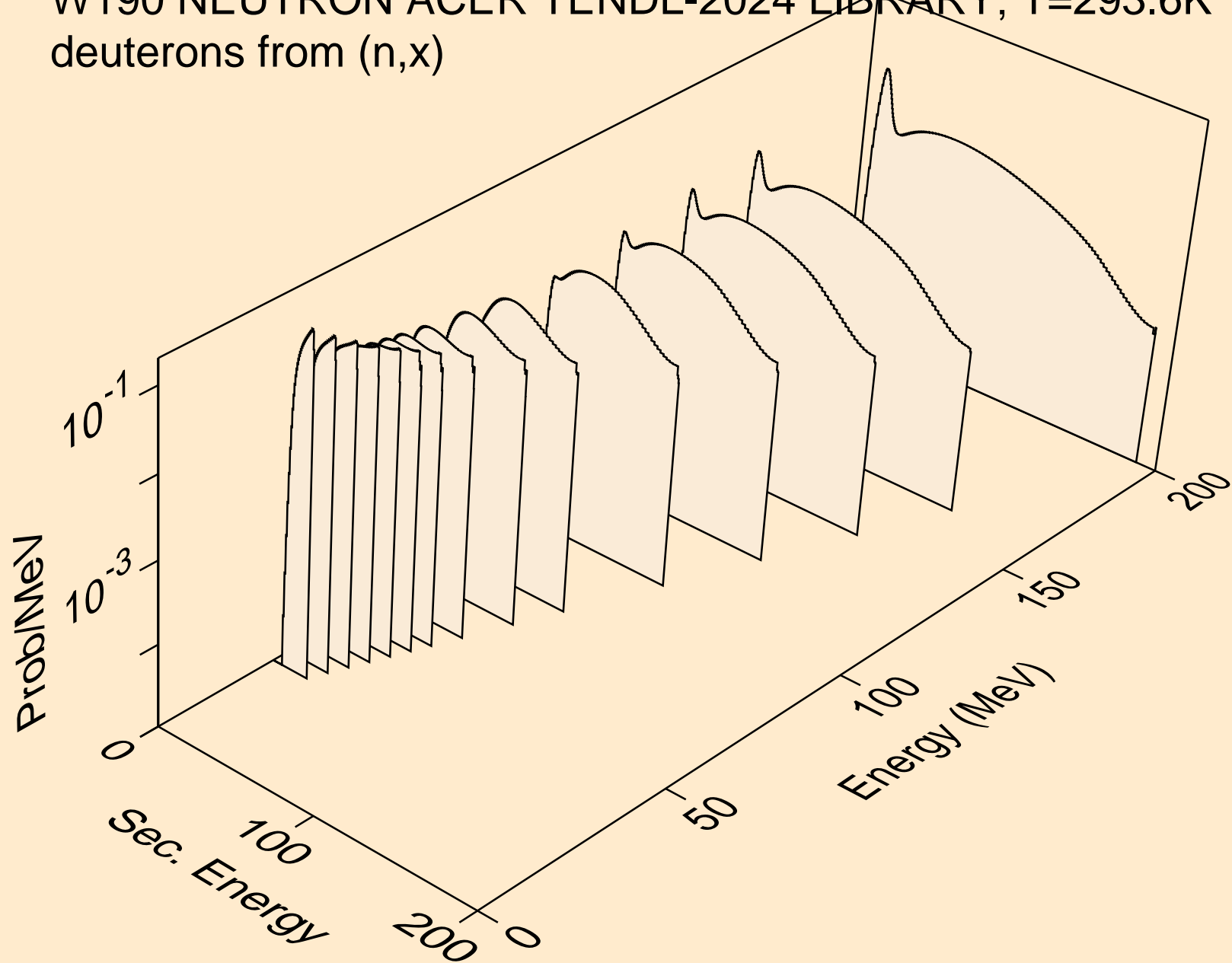
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



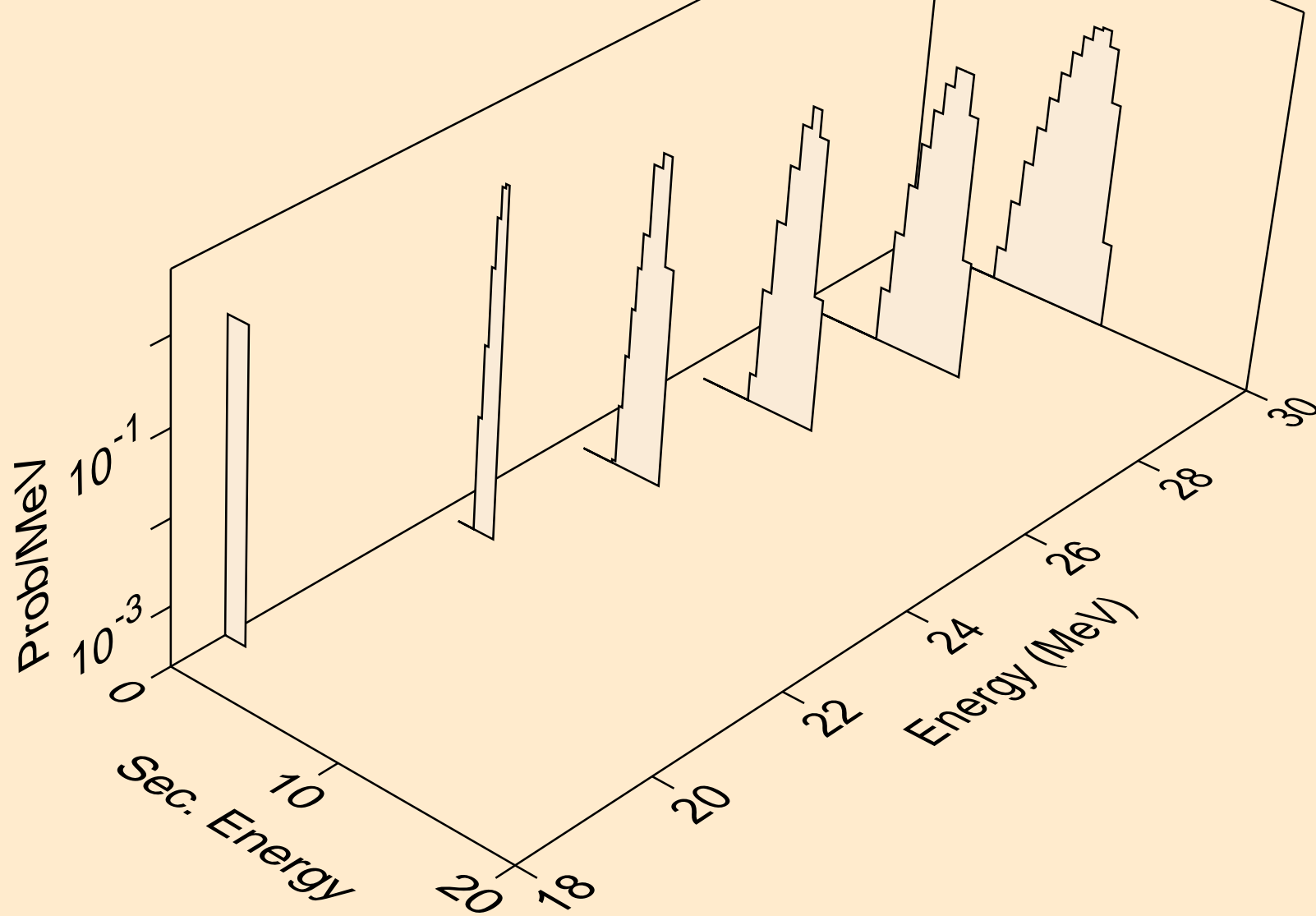
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



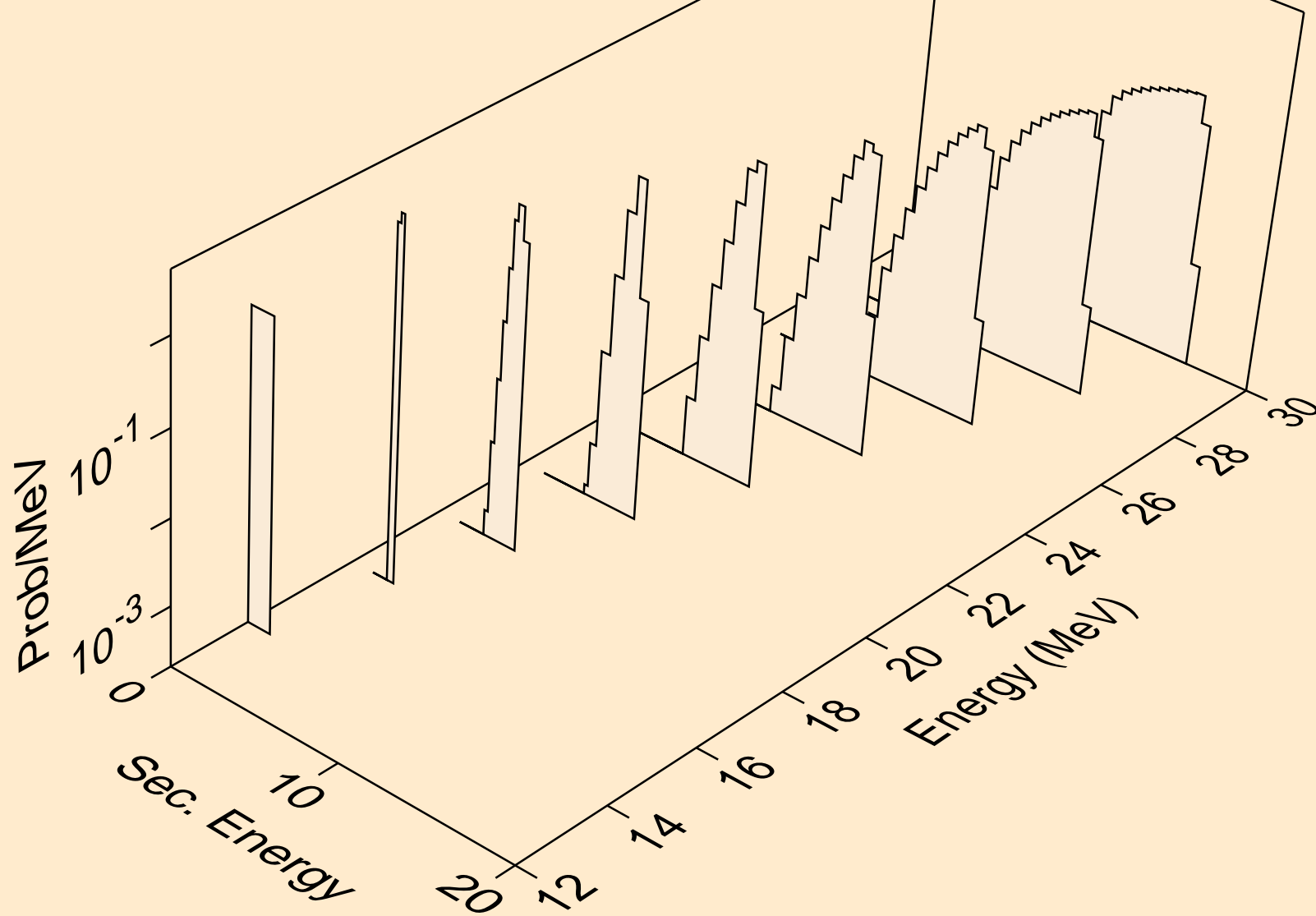
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



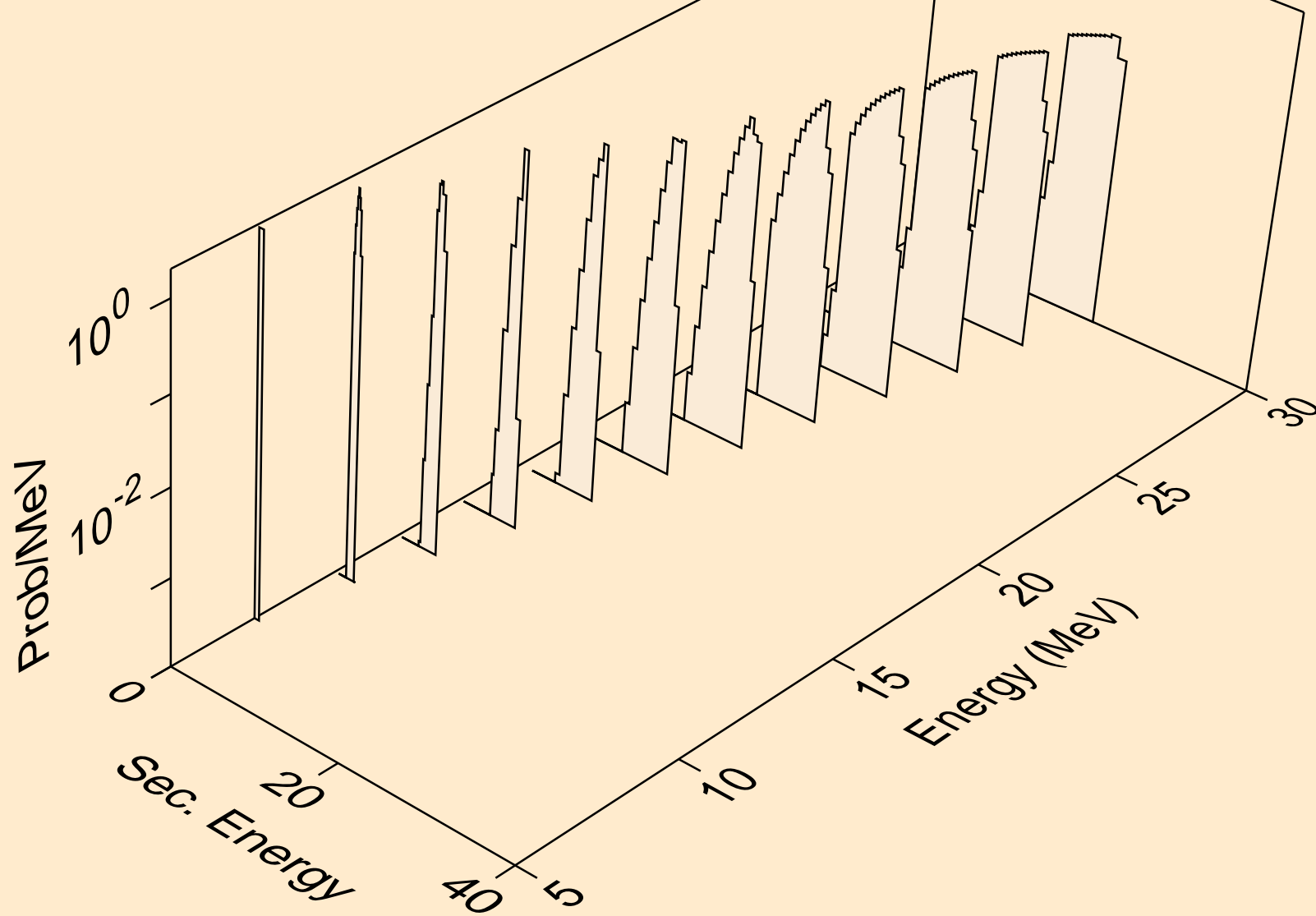
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



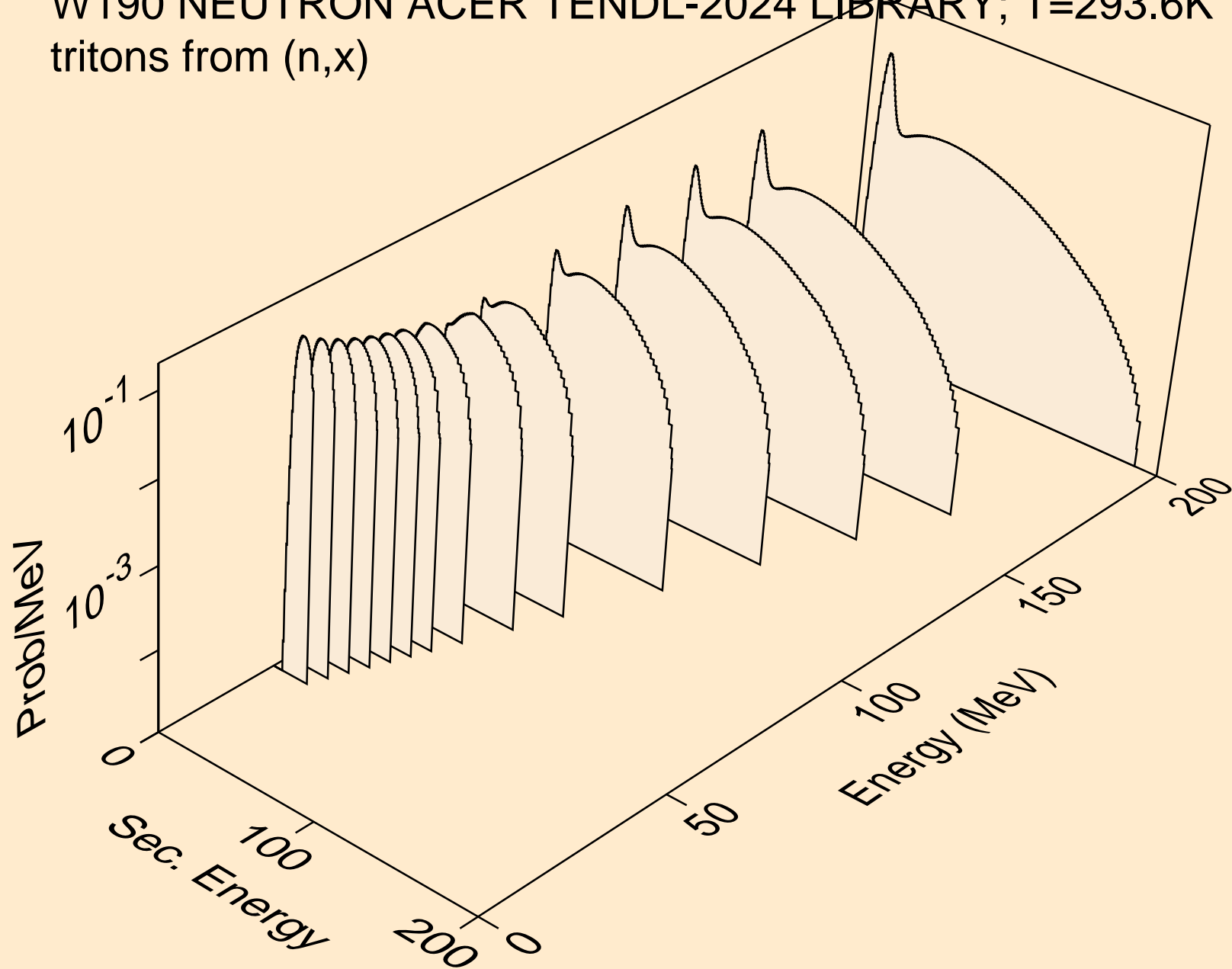
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



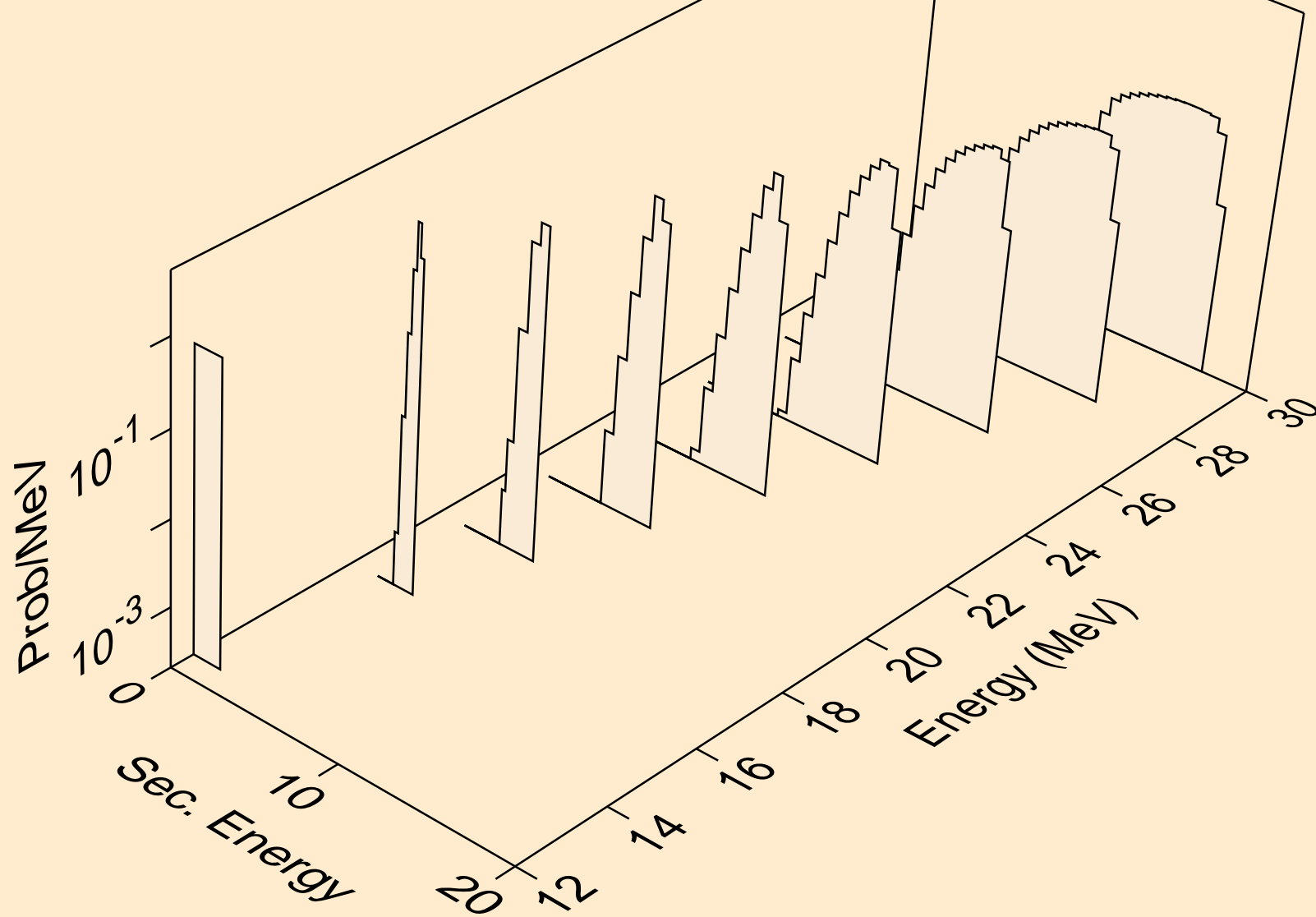
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



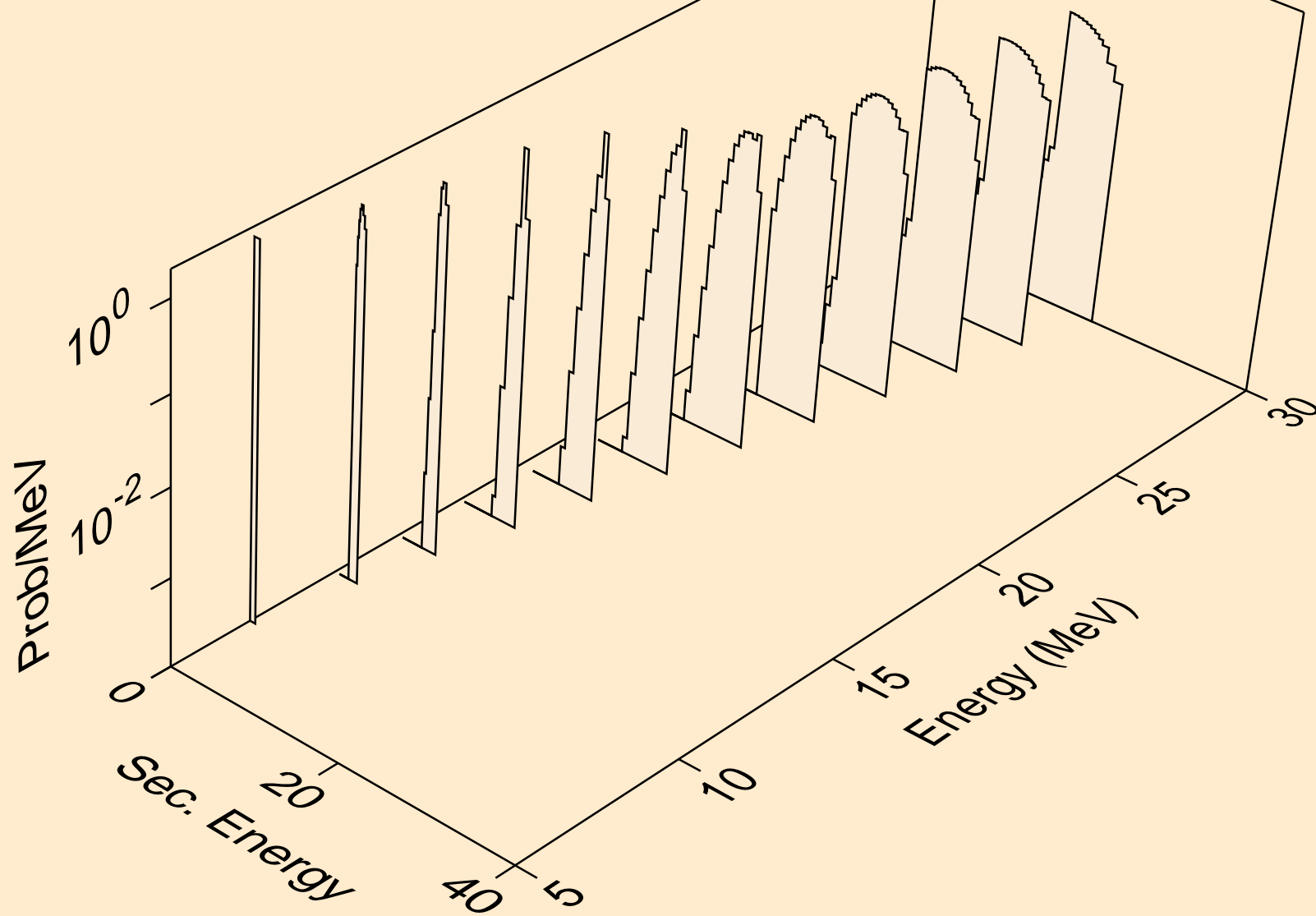
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



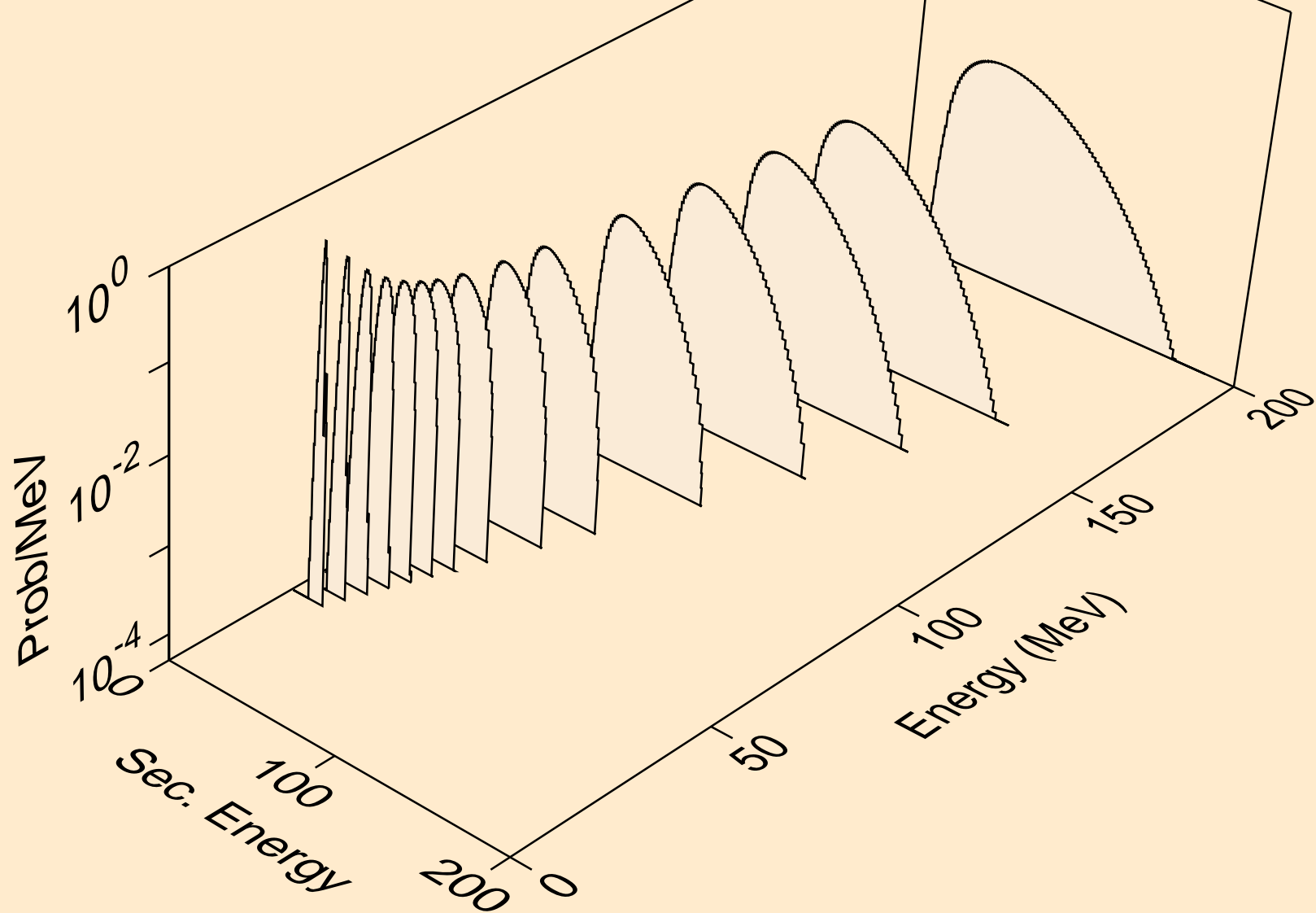
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



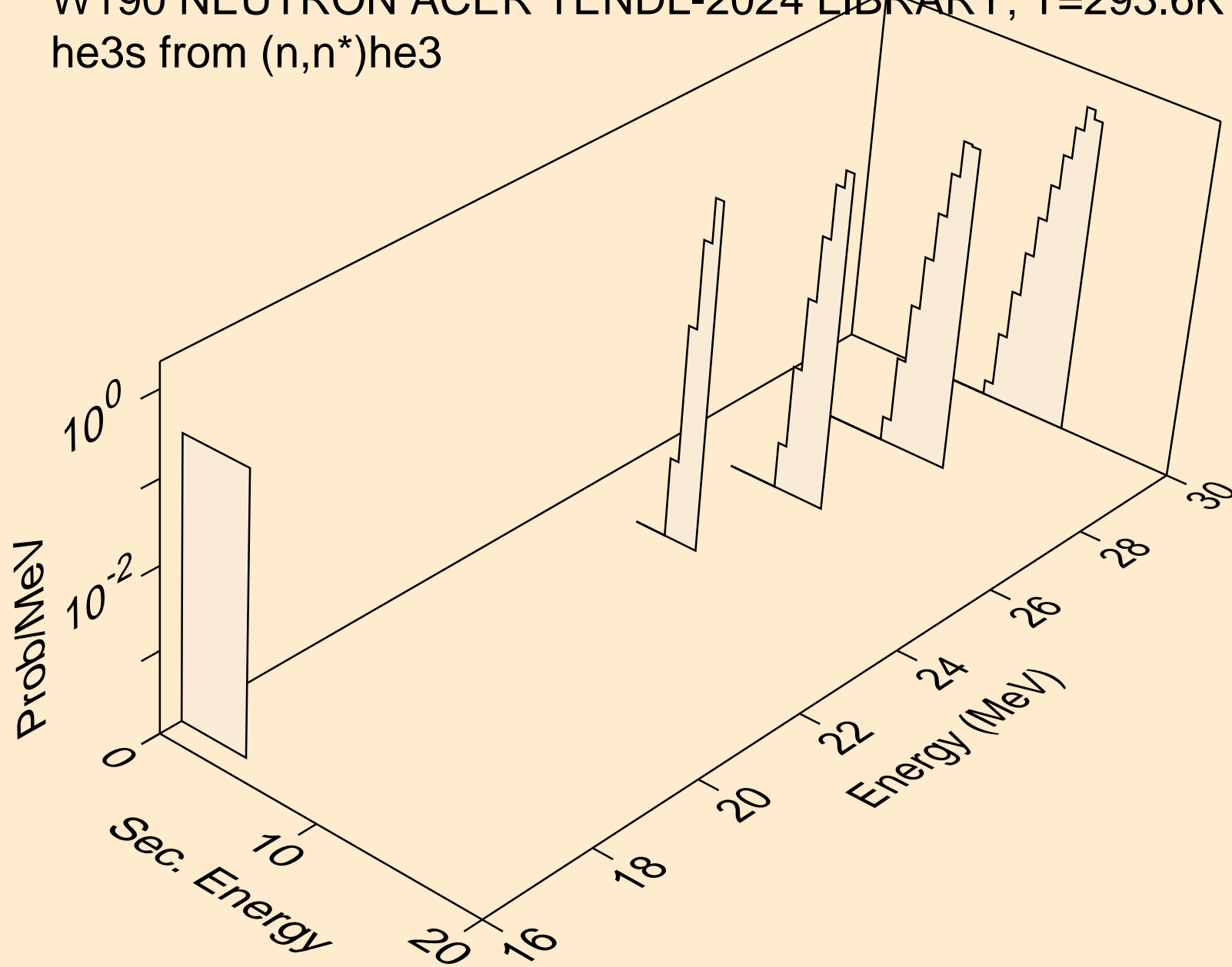
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



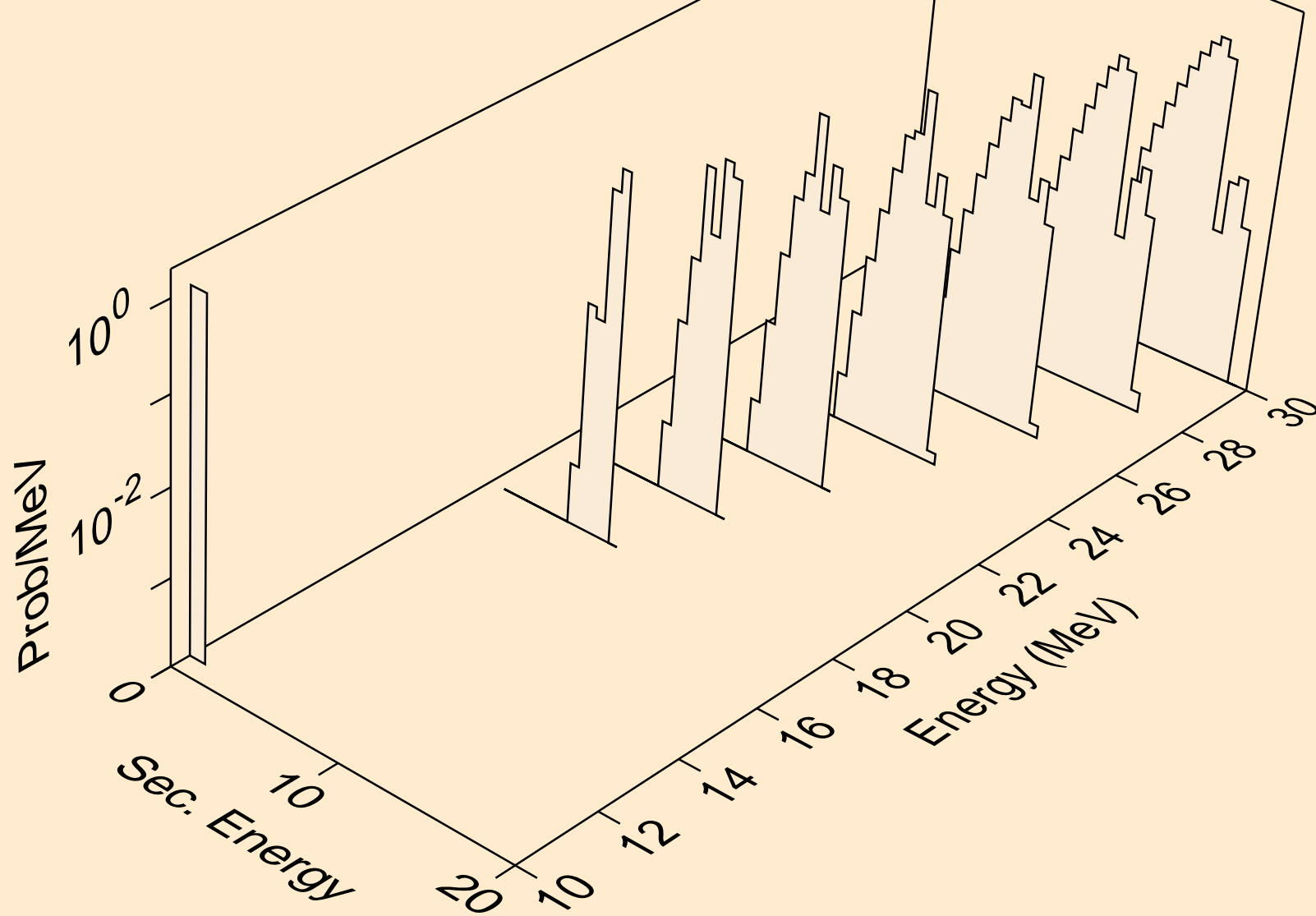
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



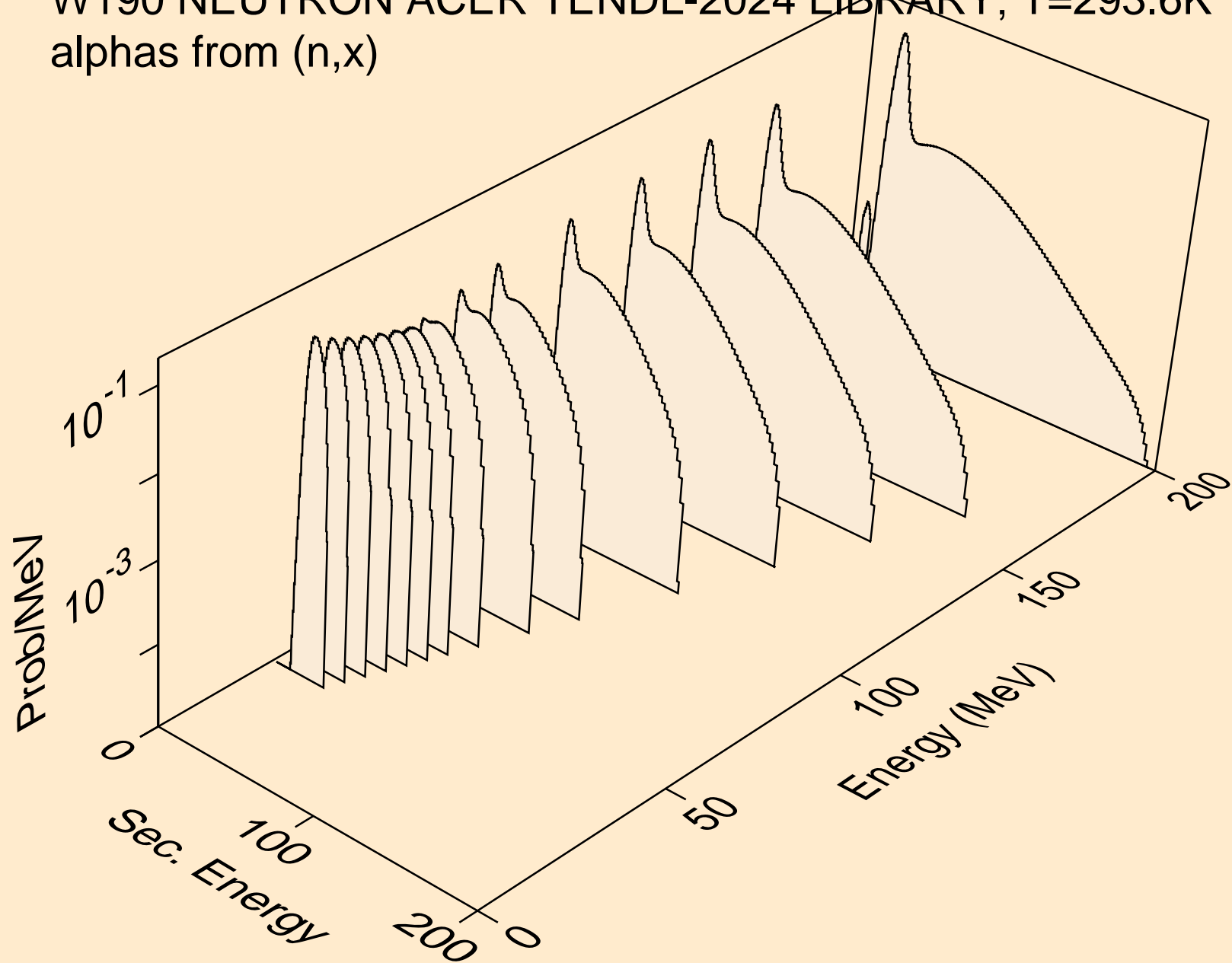
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



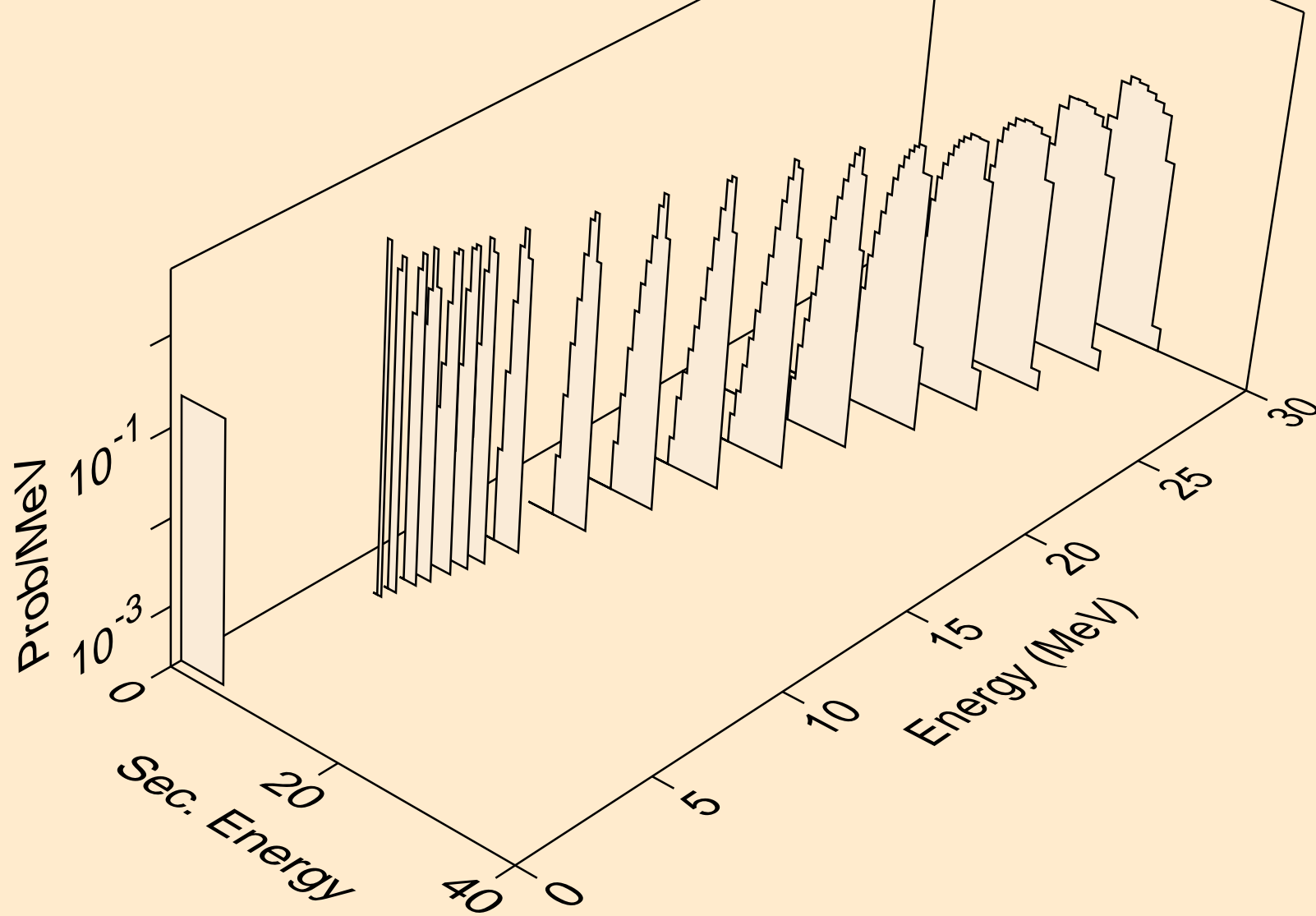
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



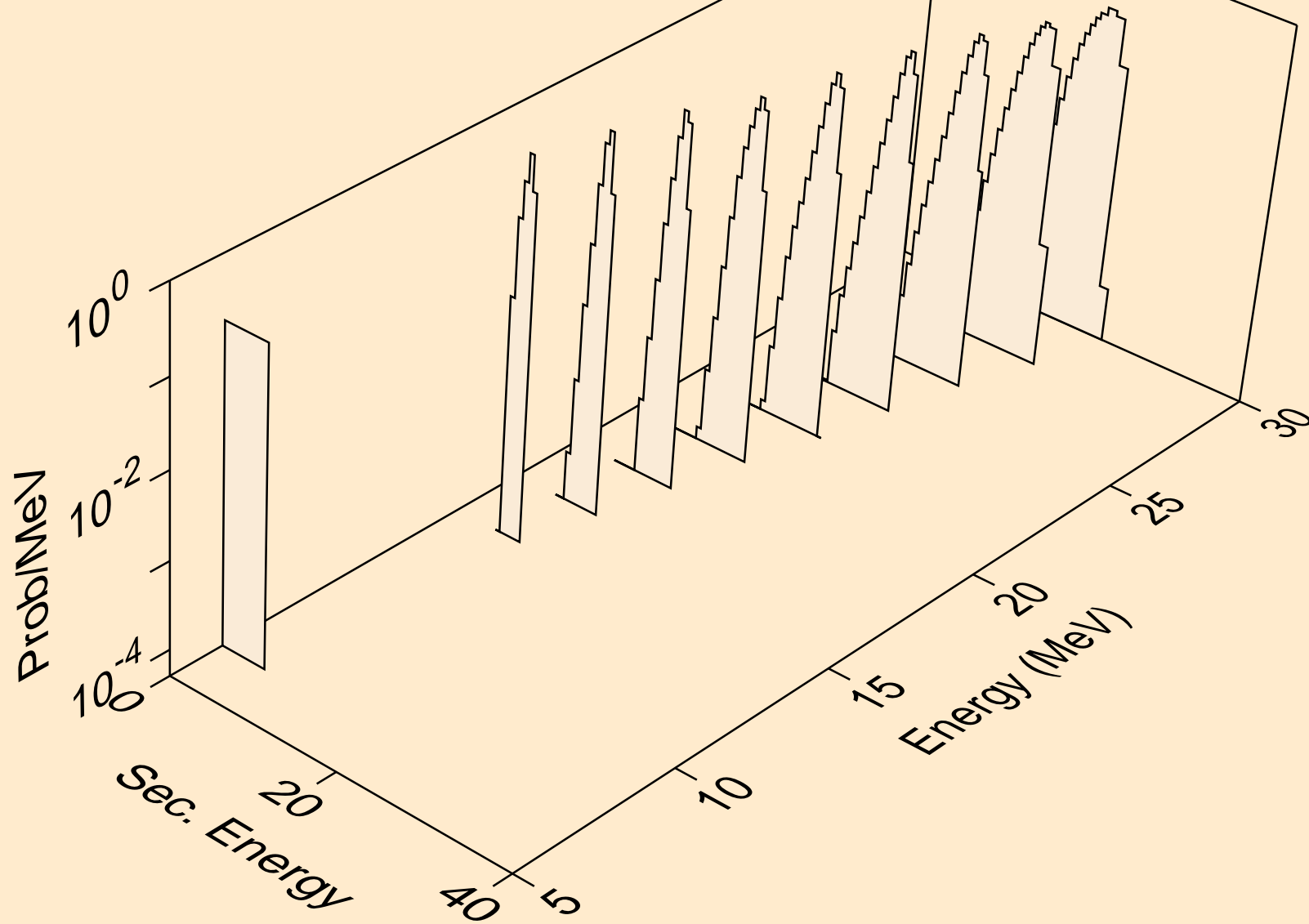
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



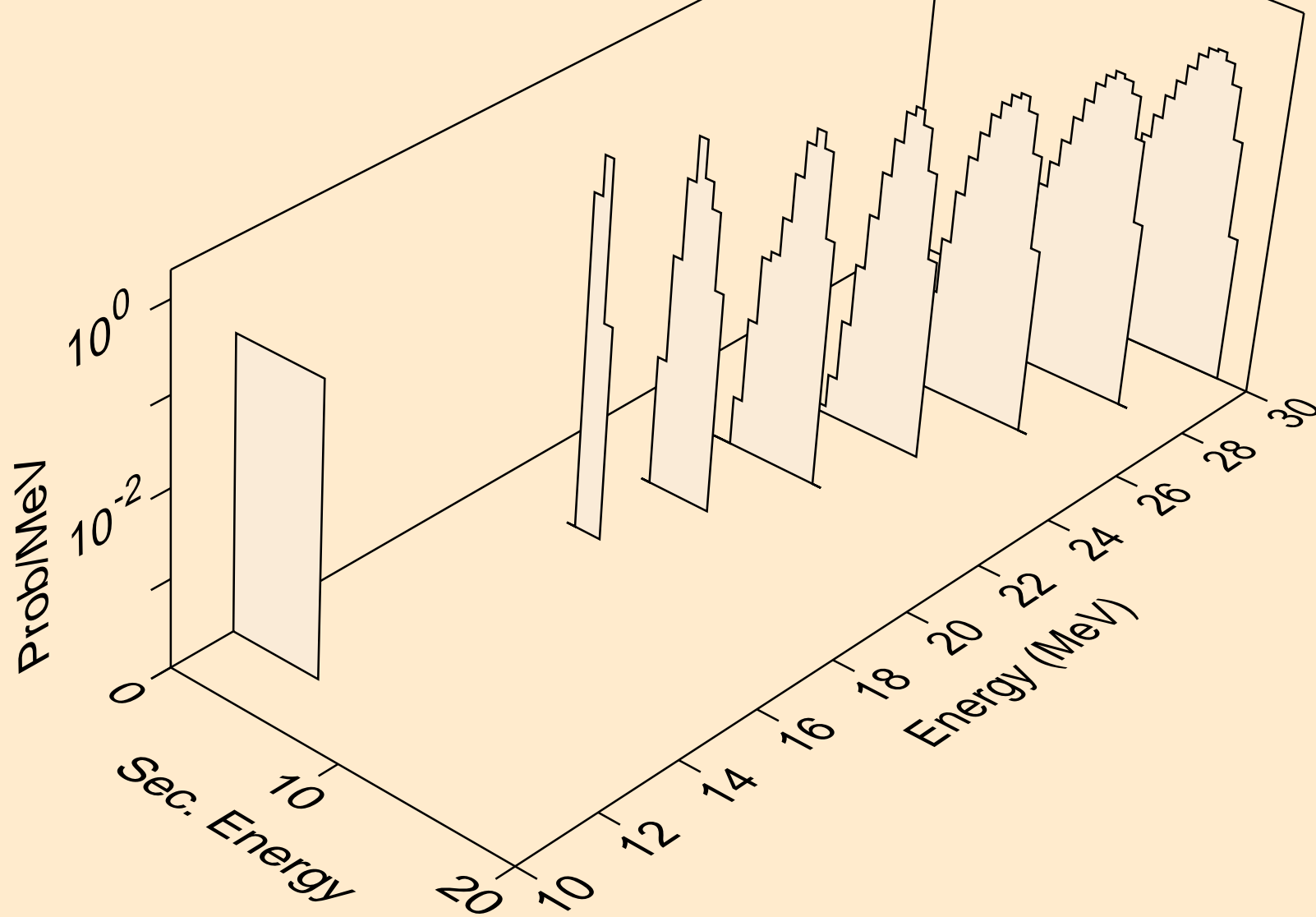
W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



W190 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

