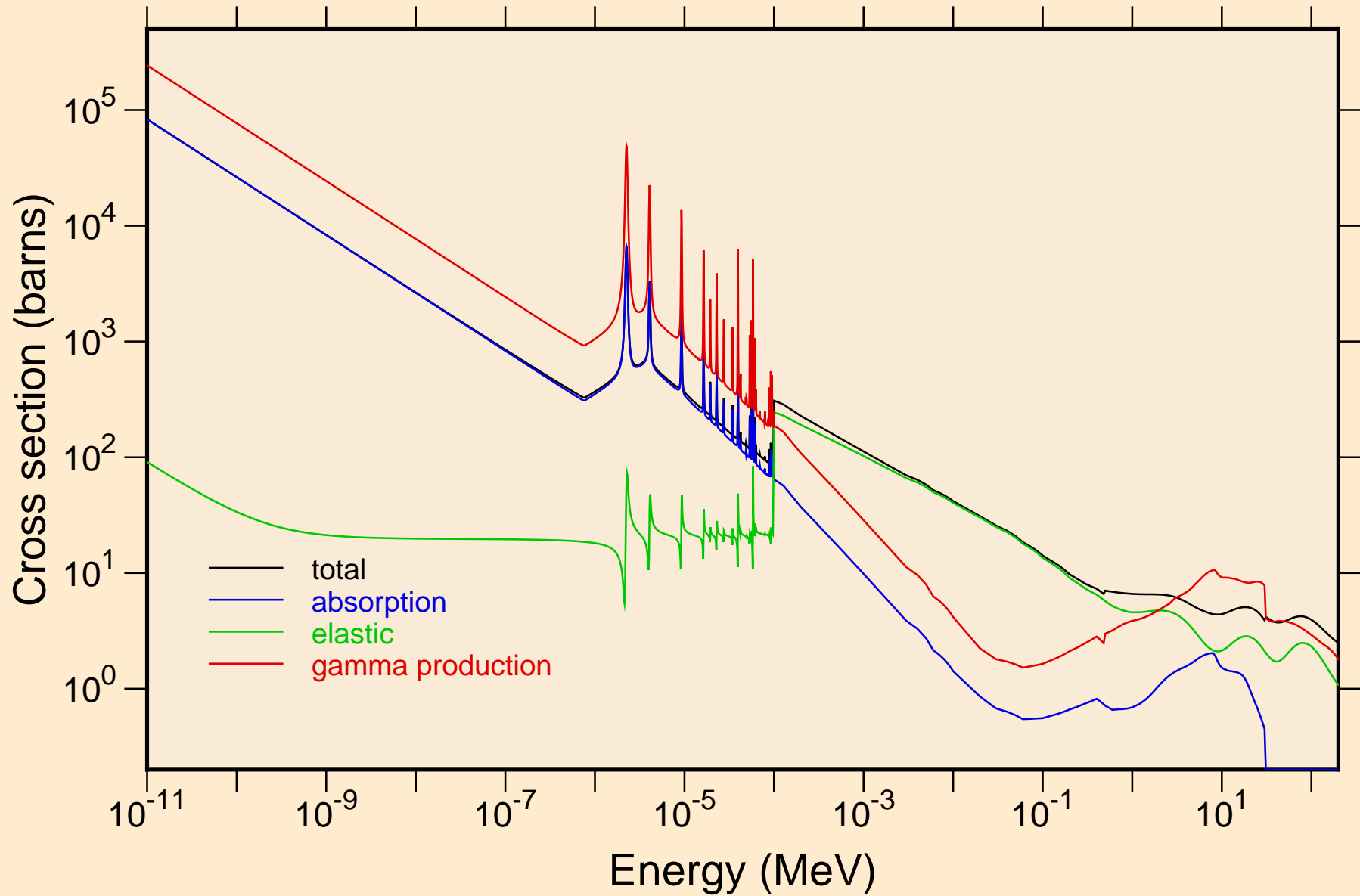
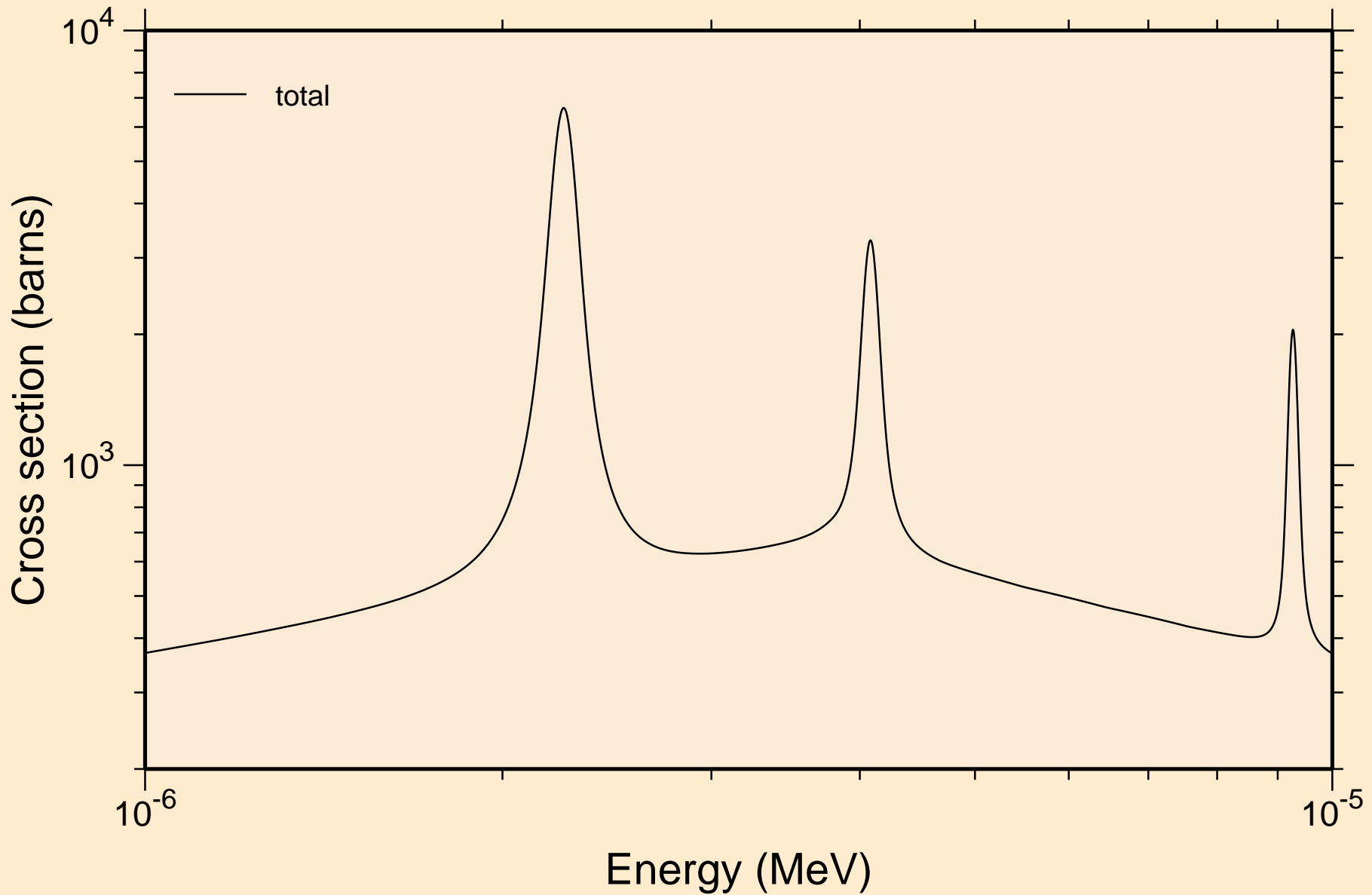


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

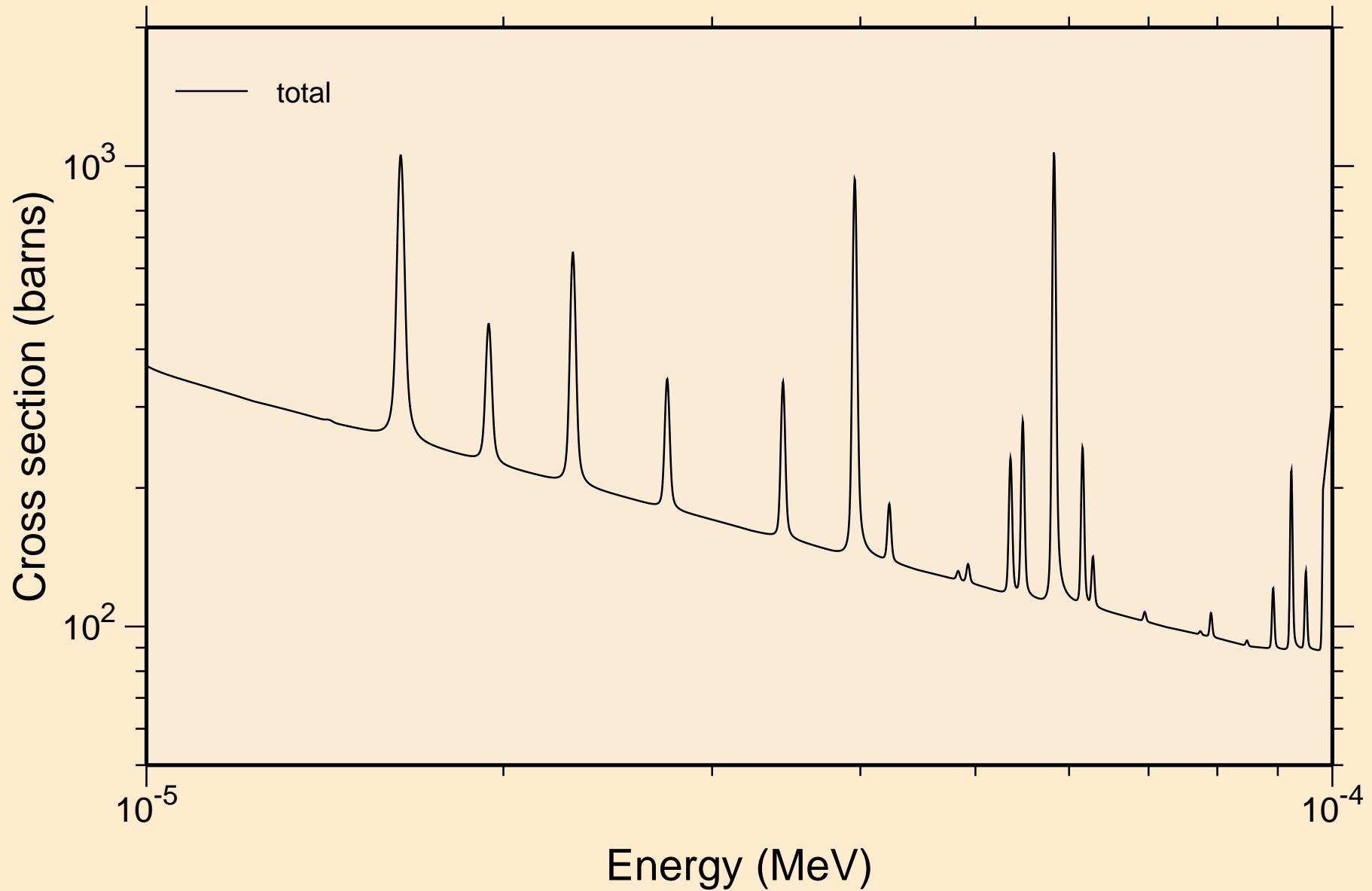
Principal cross sections



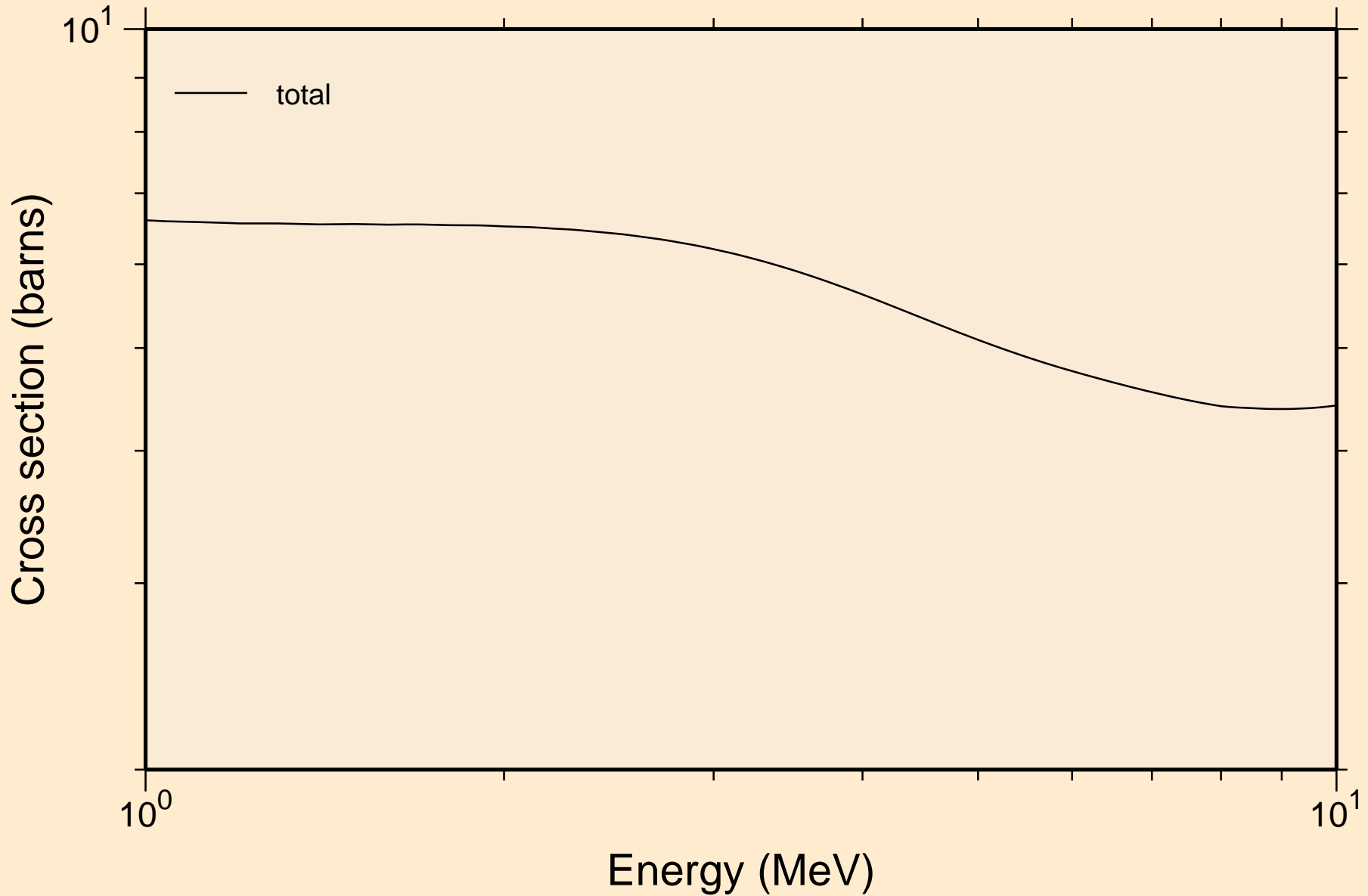
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



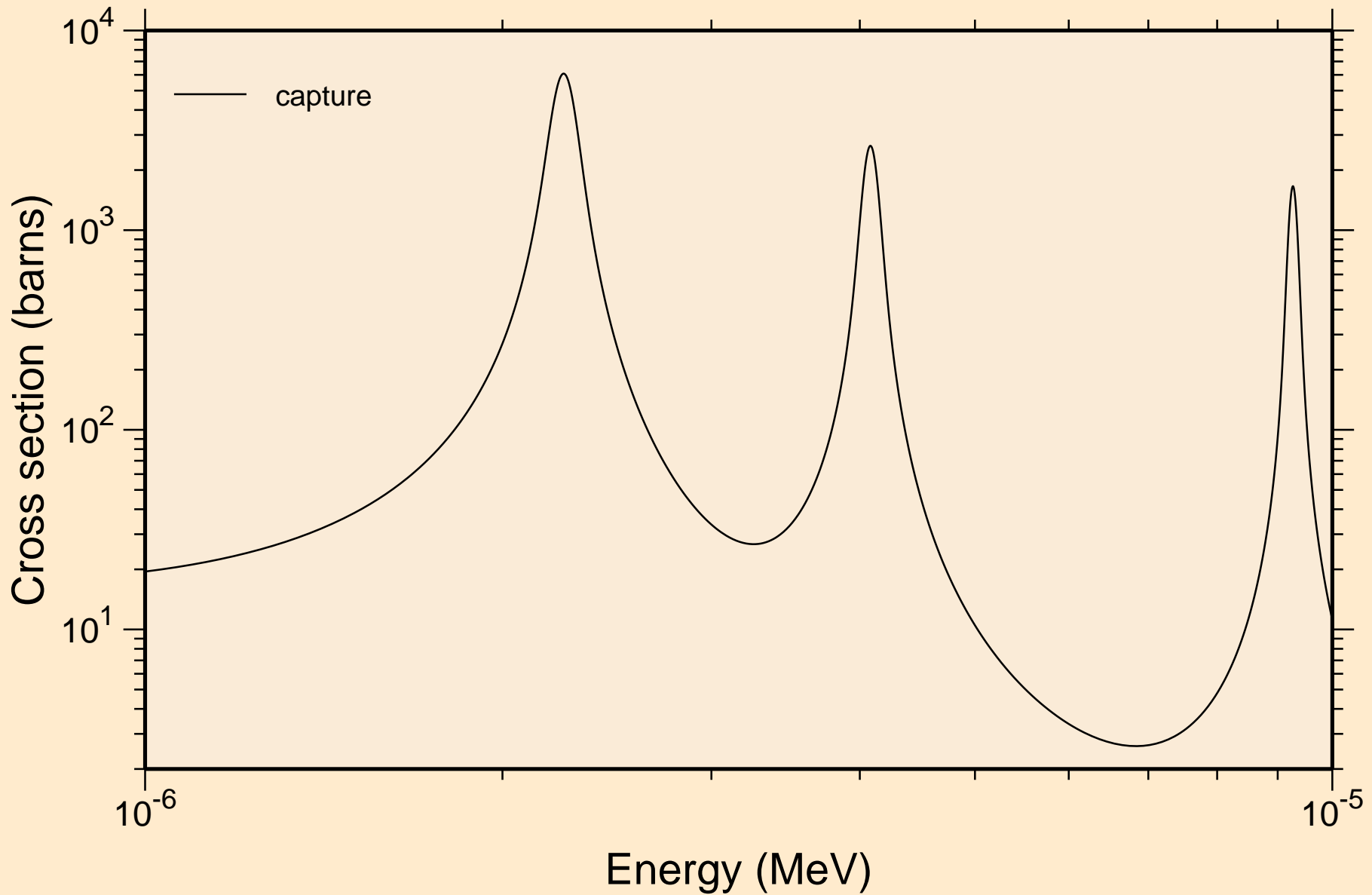
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



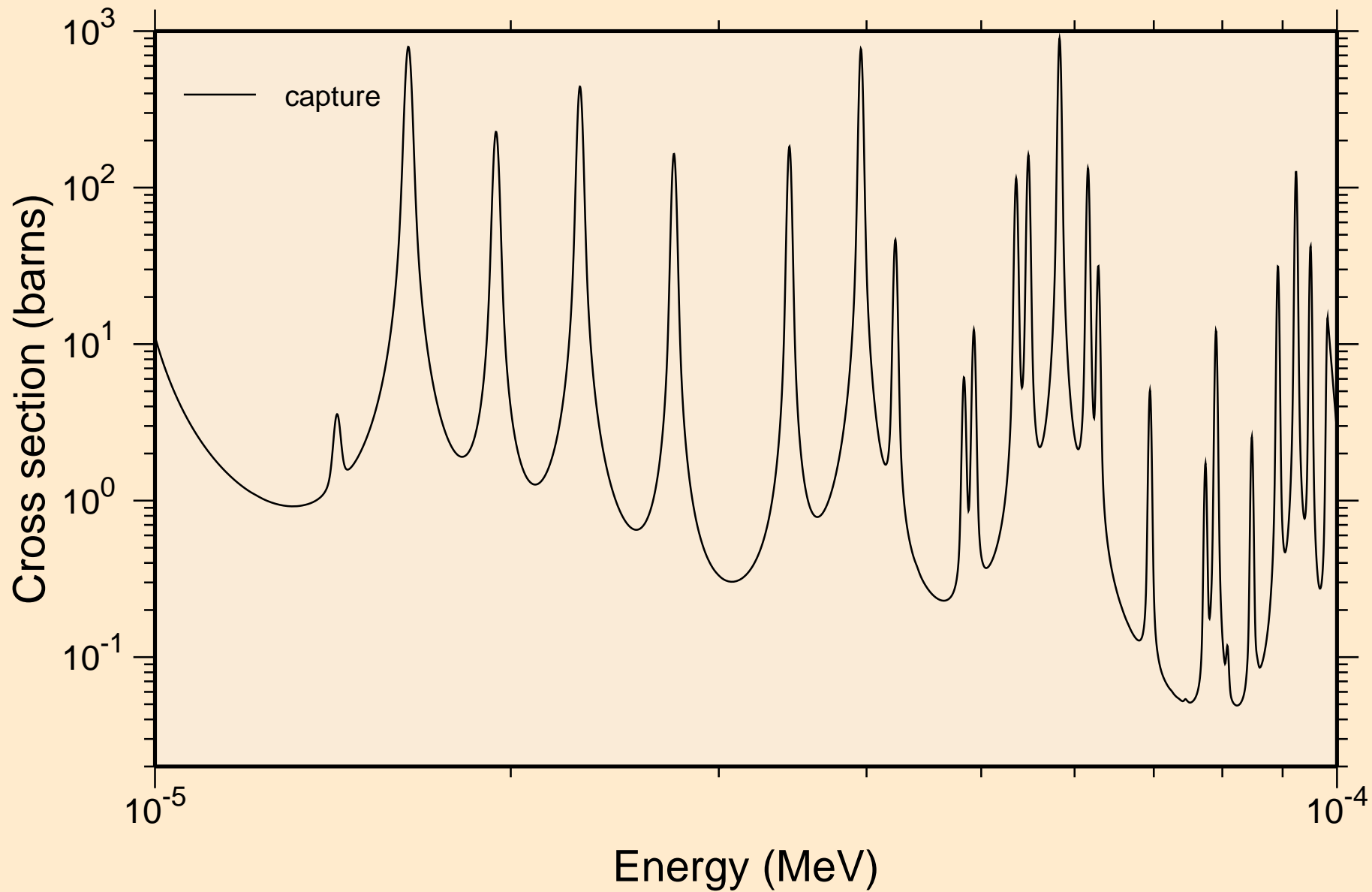
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



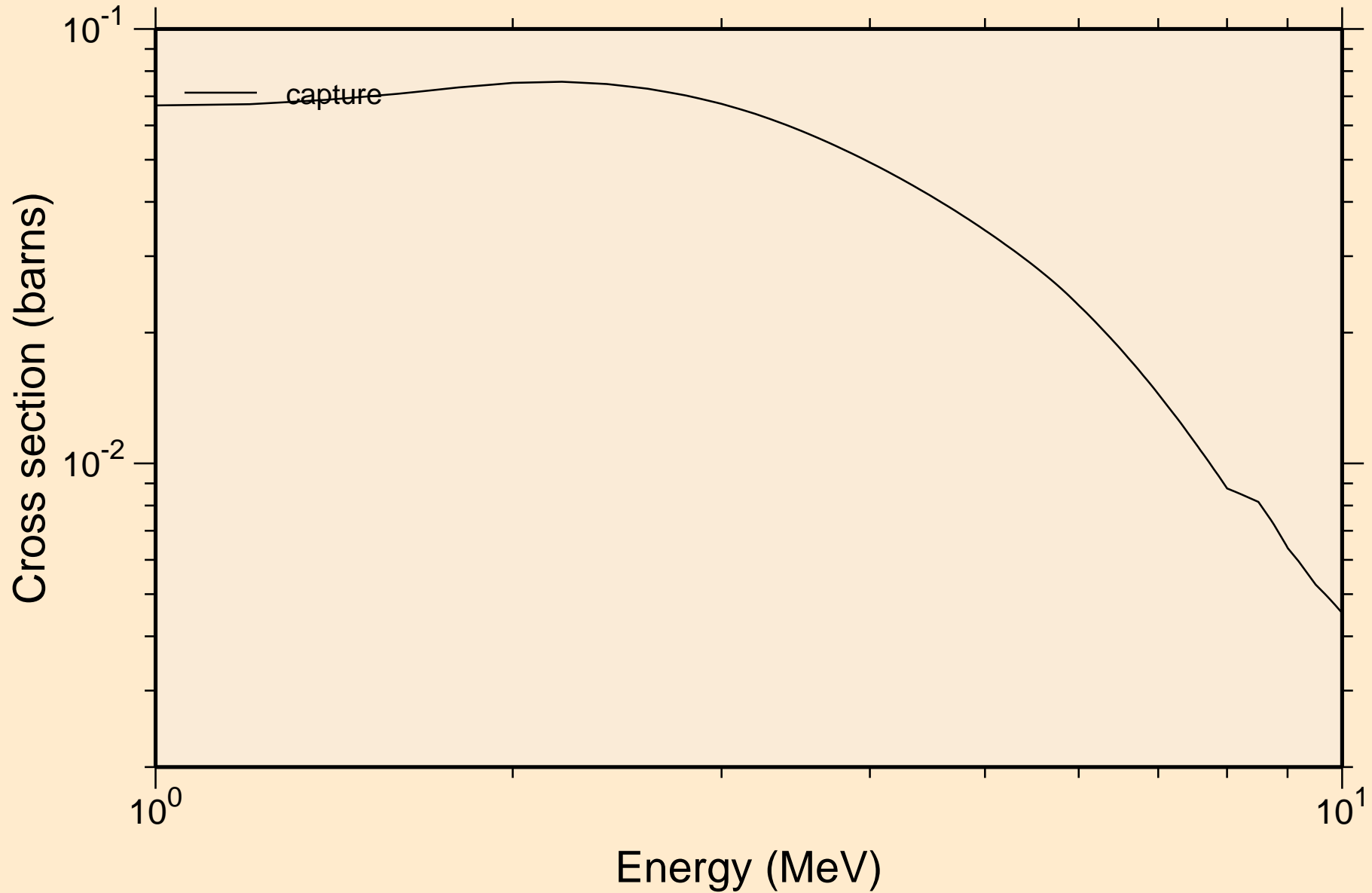
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

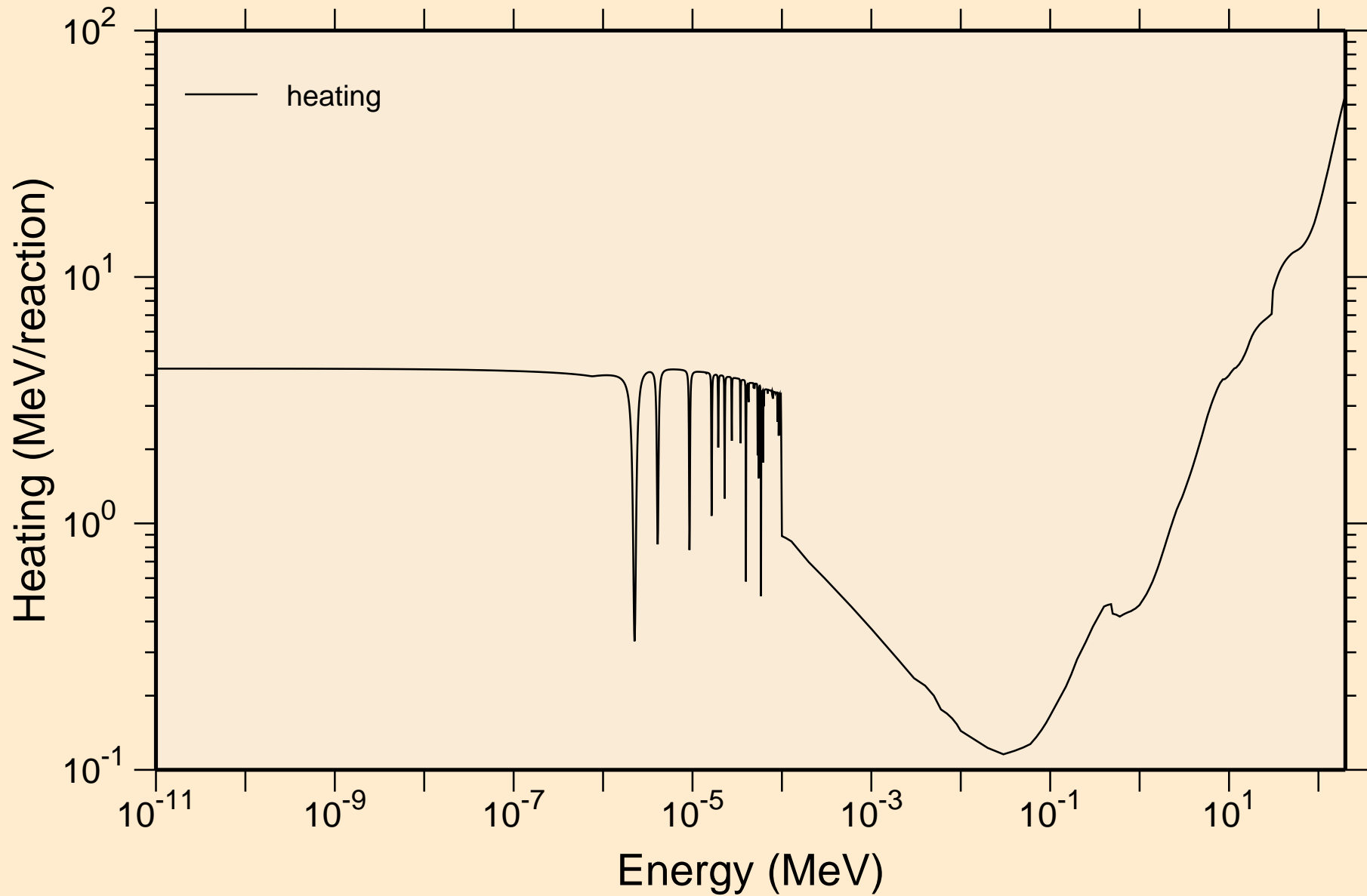


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

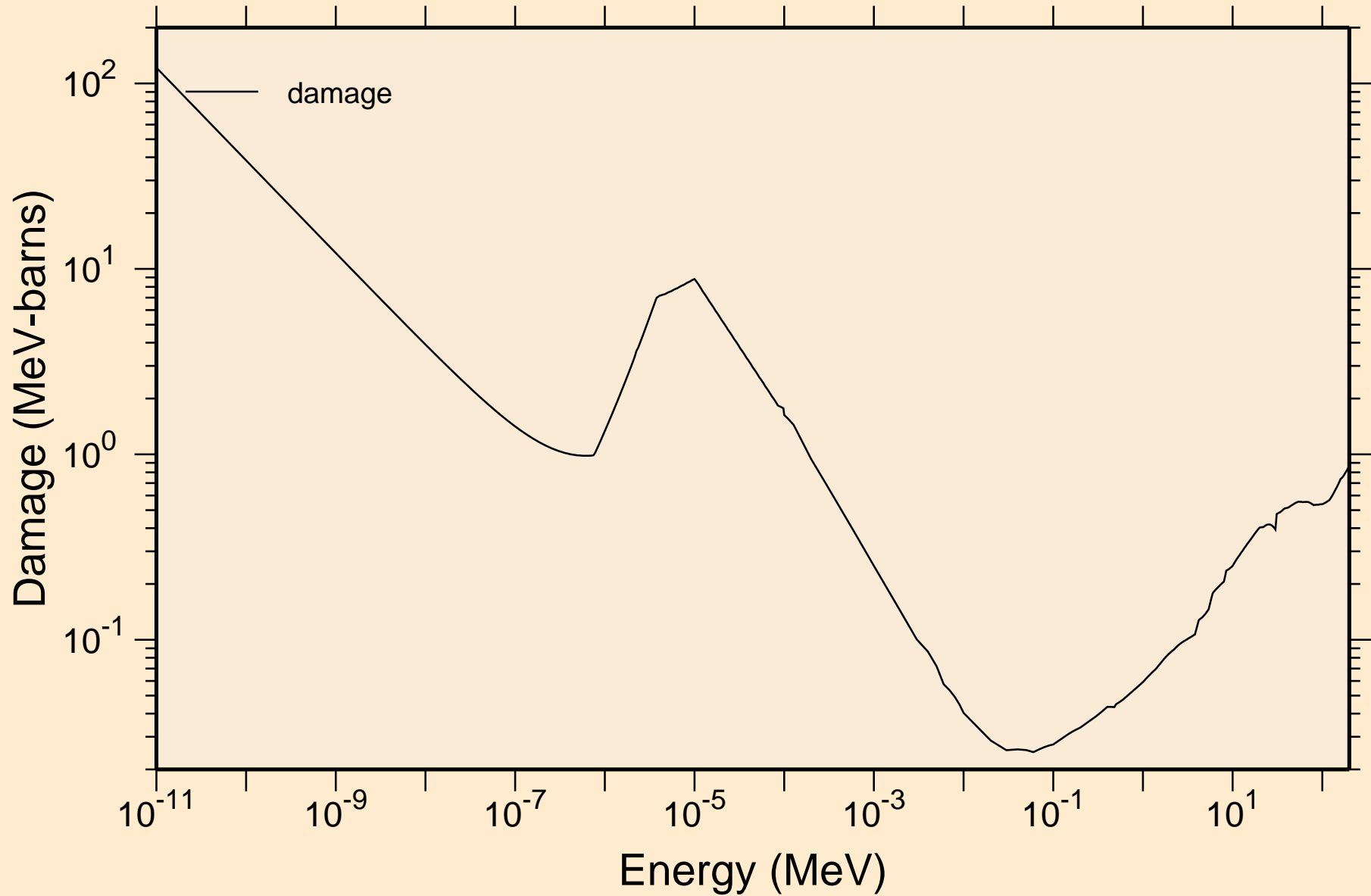


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

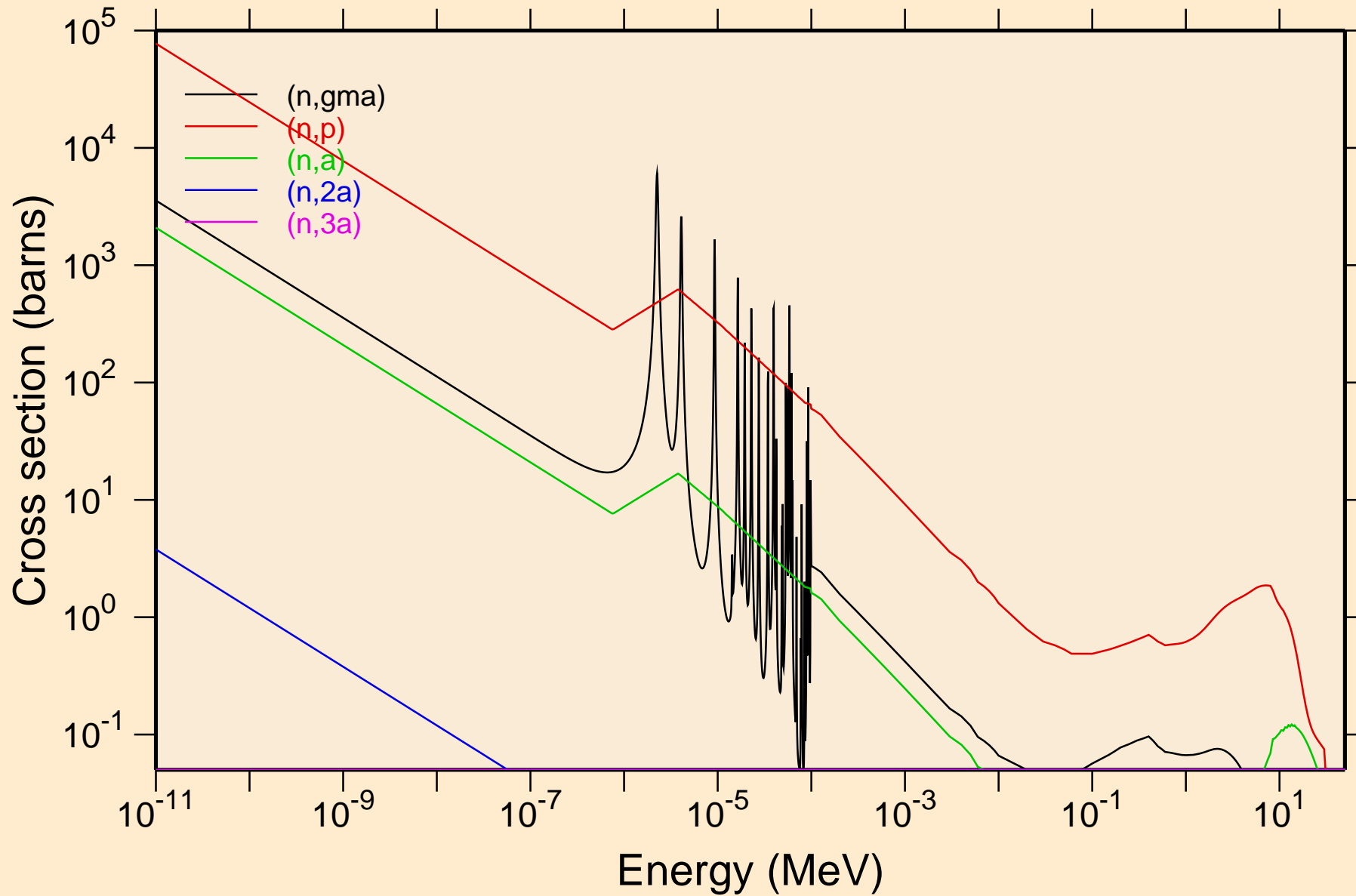


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



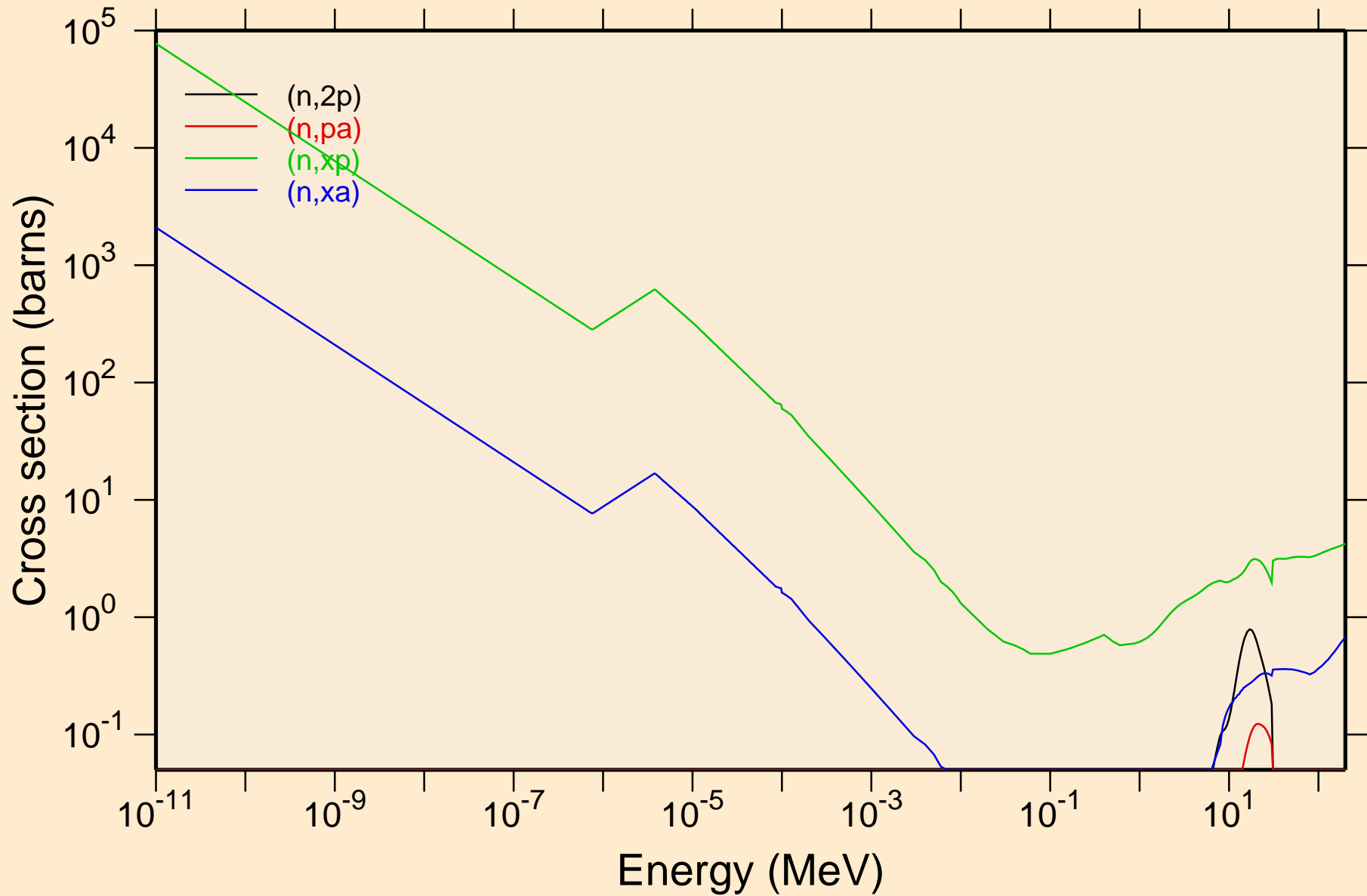
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions



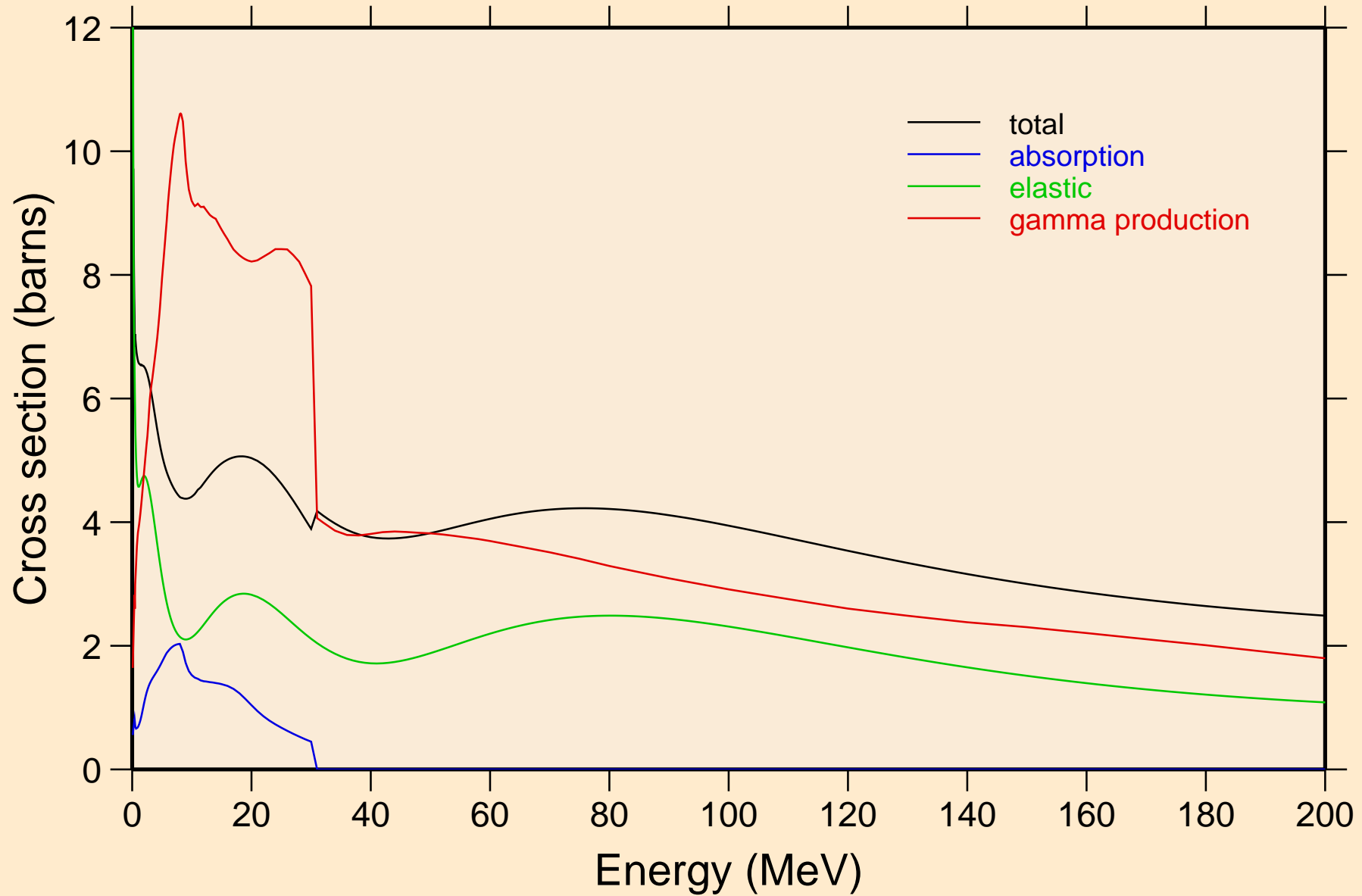
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions

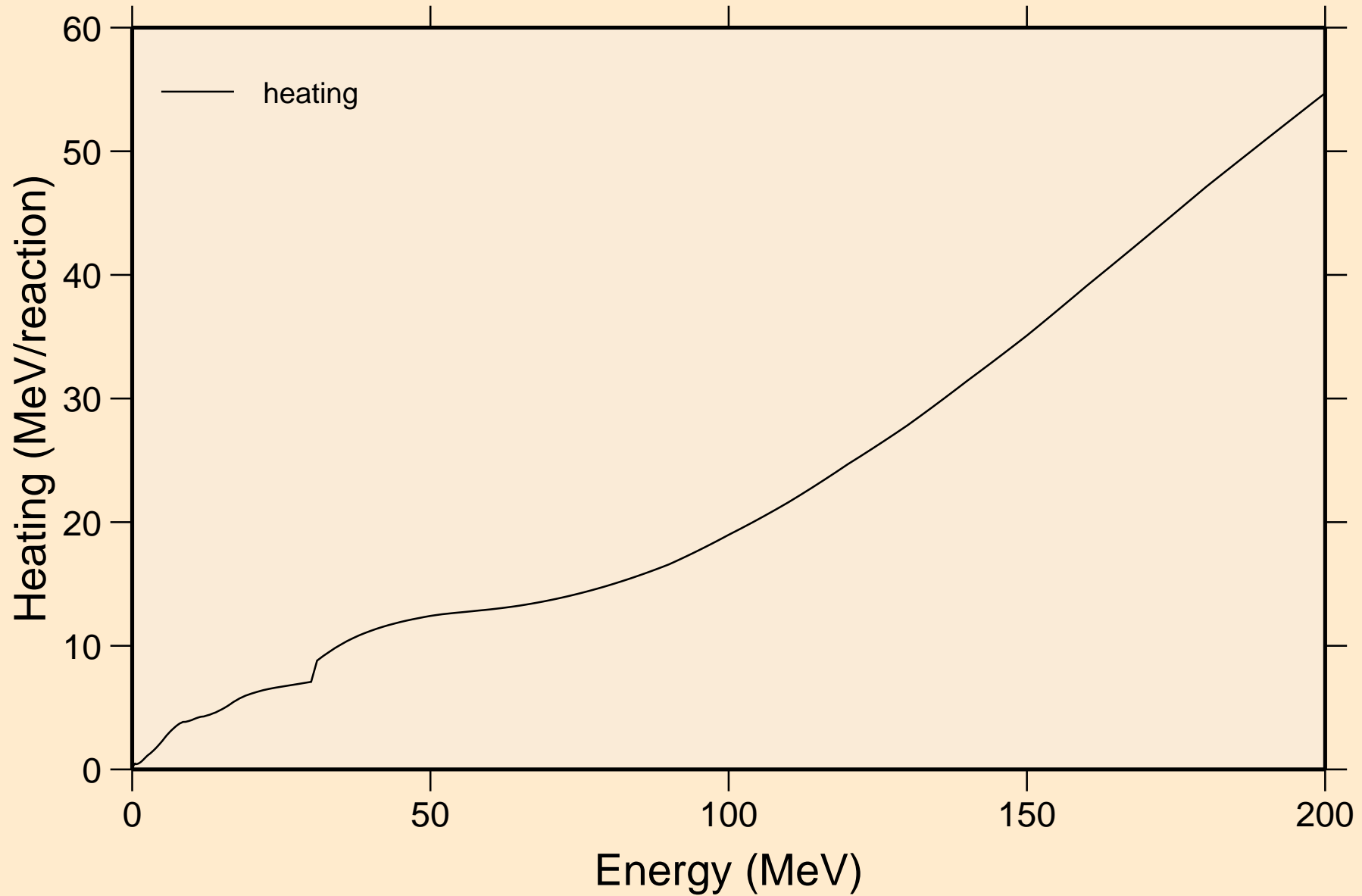


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

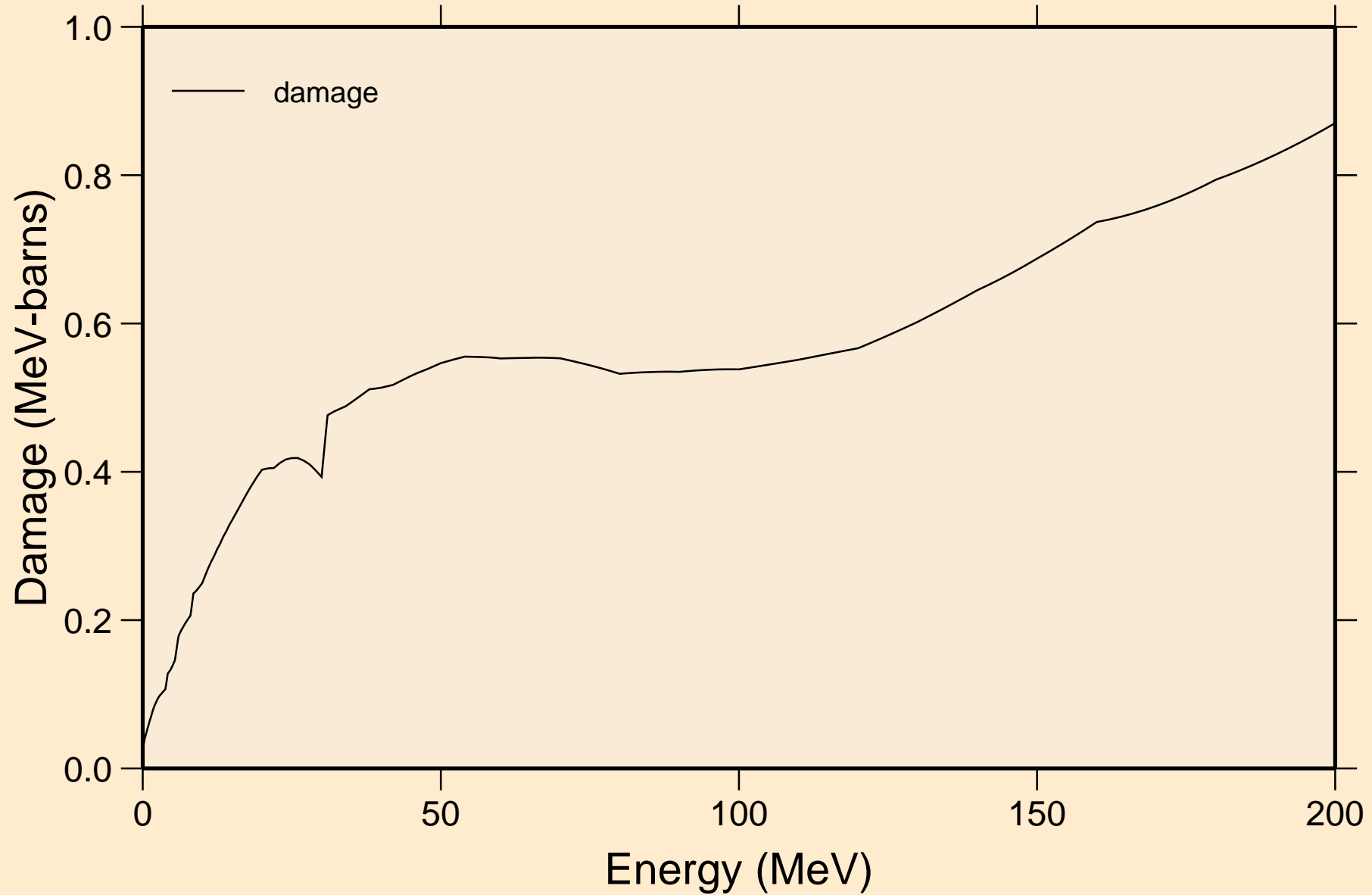
Principal cross sections



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

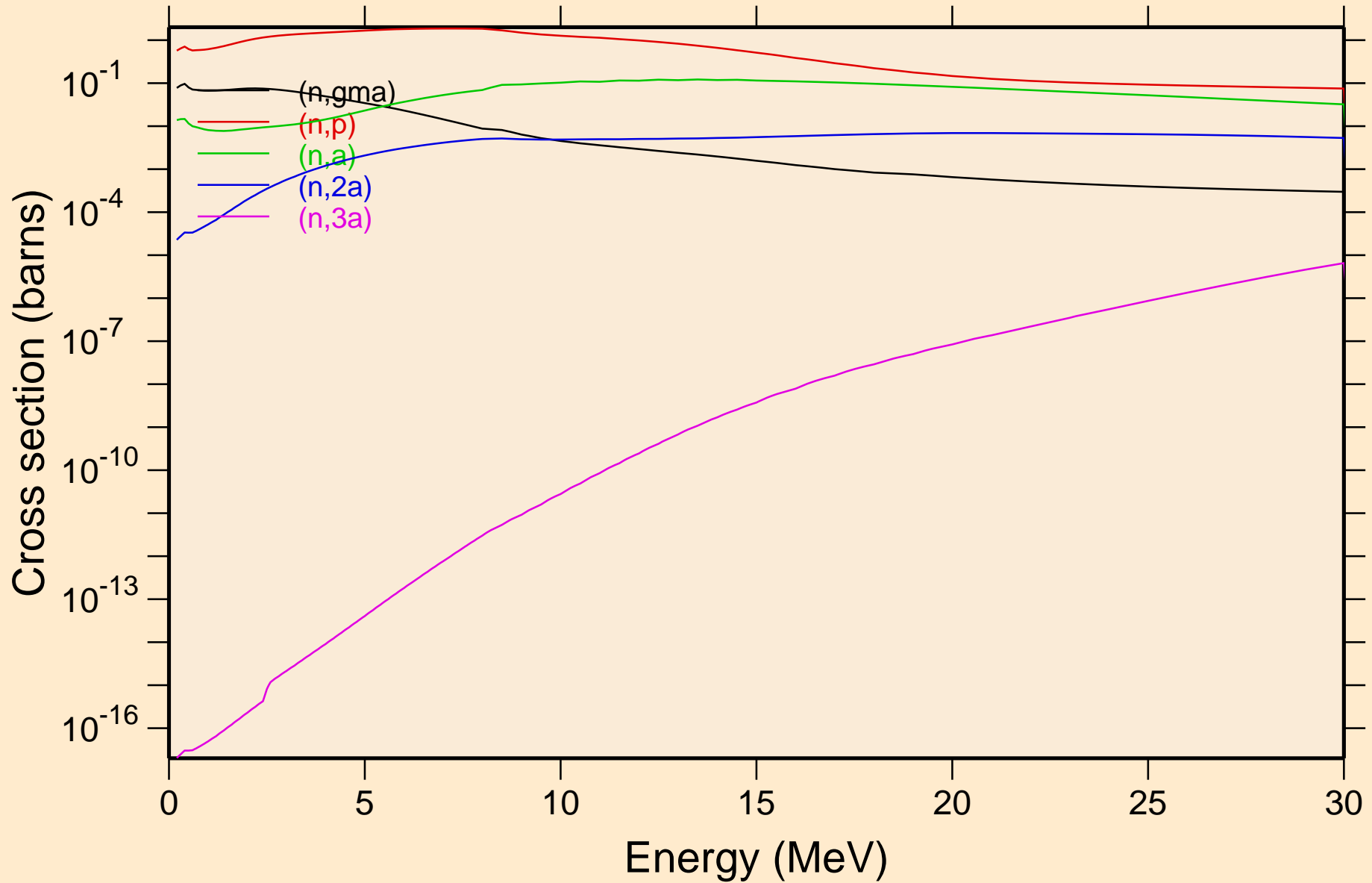


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



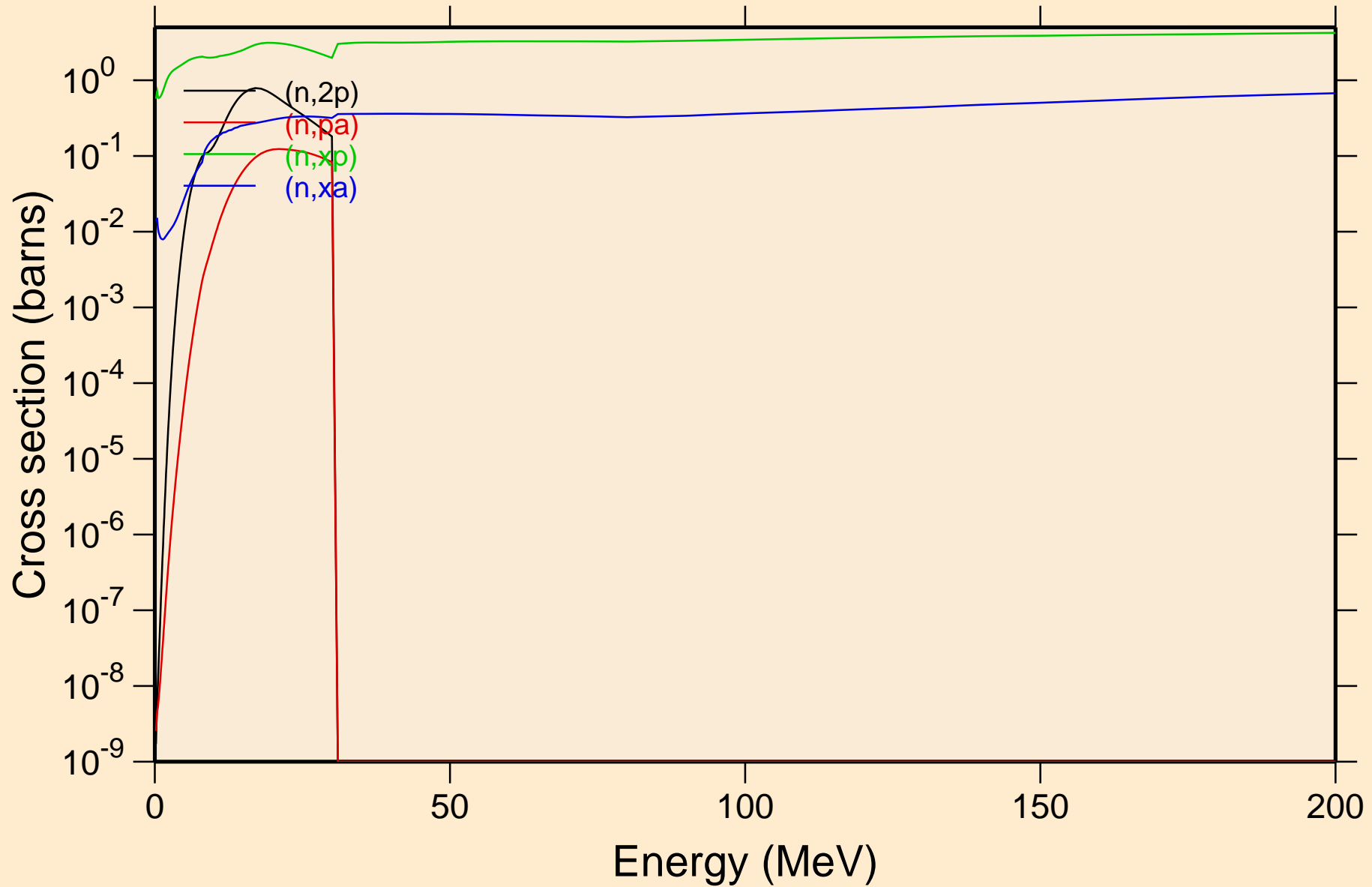
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions

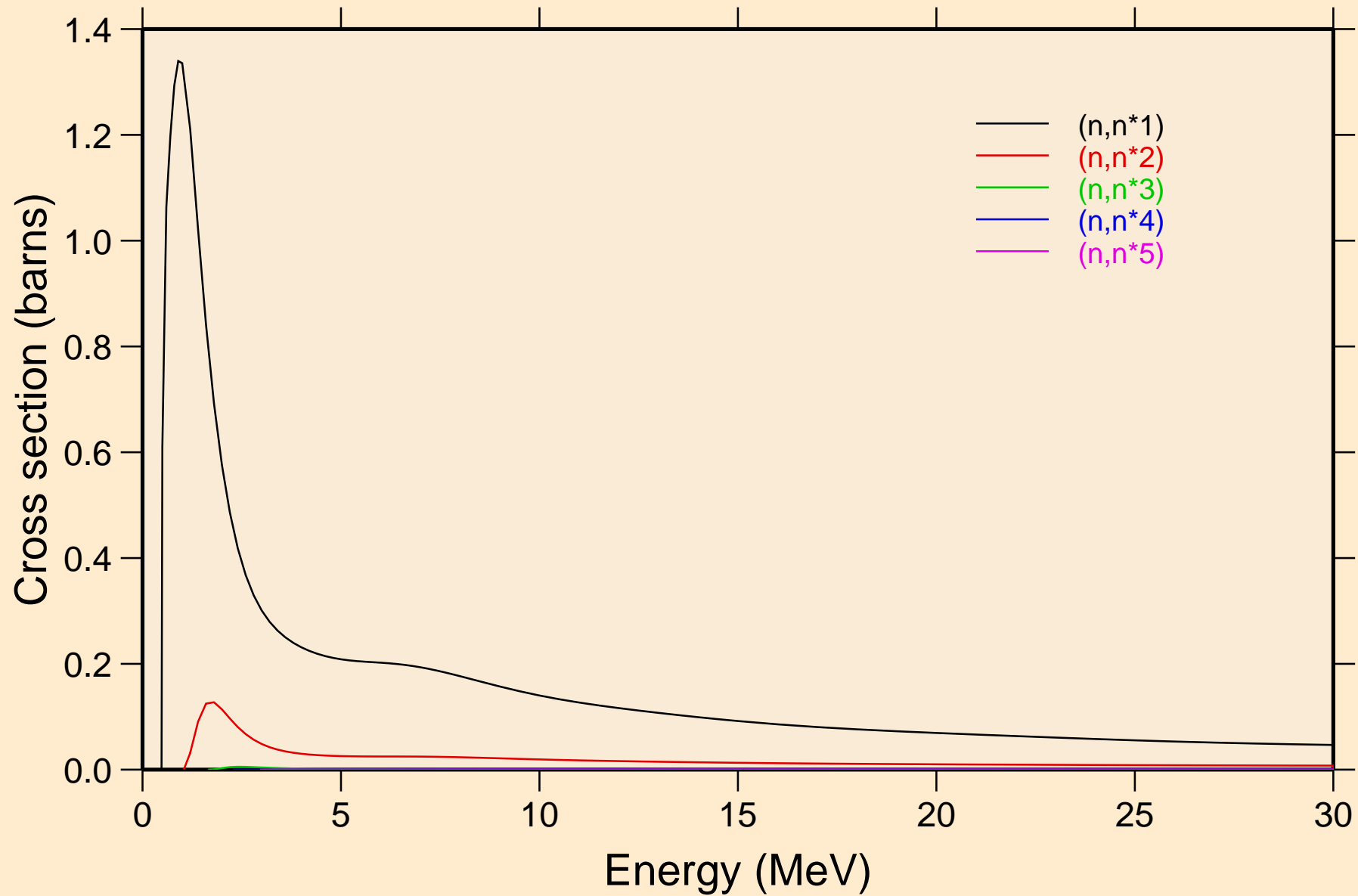


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

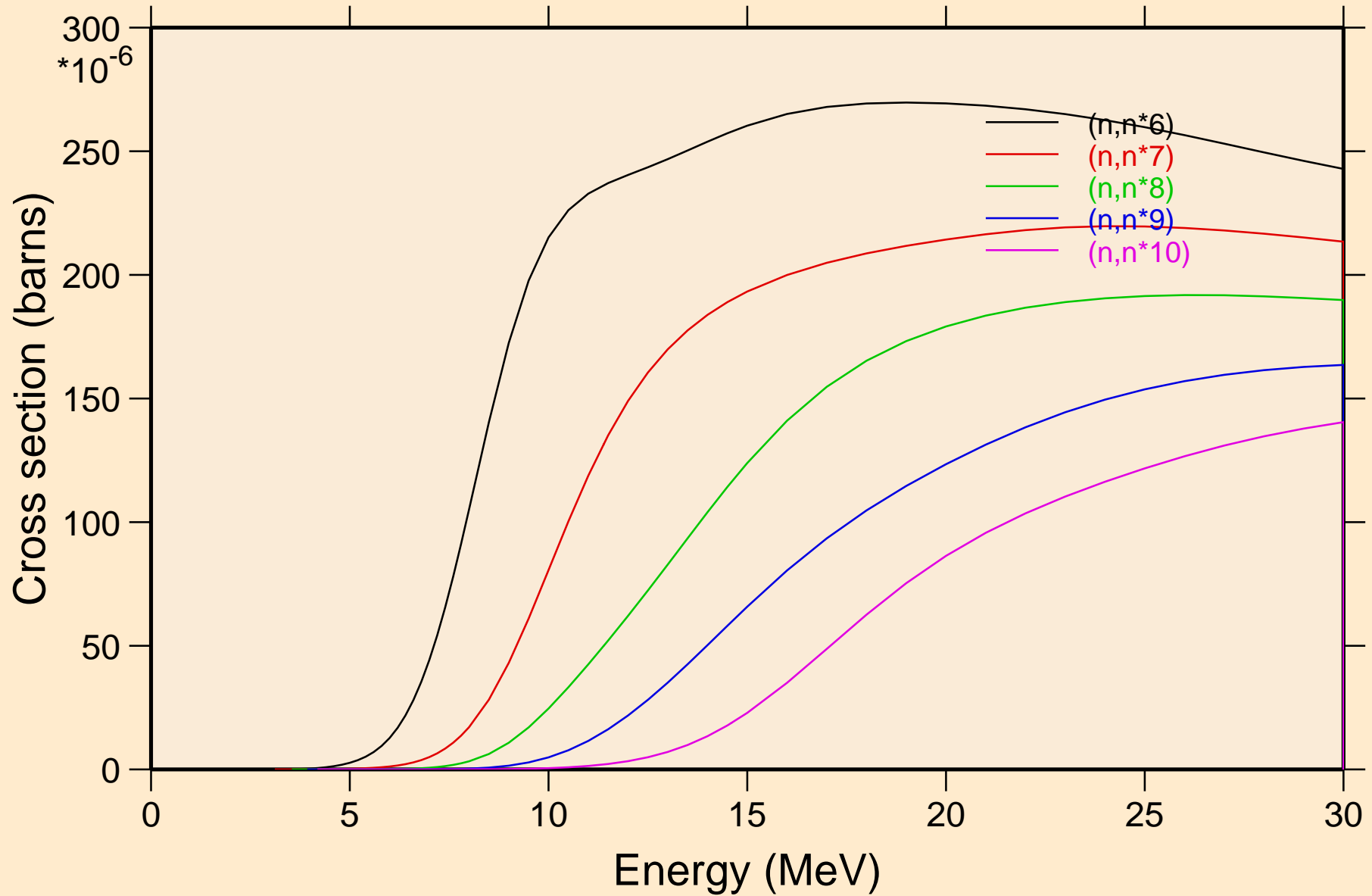
Non-threshold reactions



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

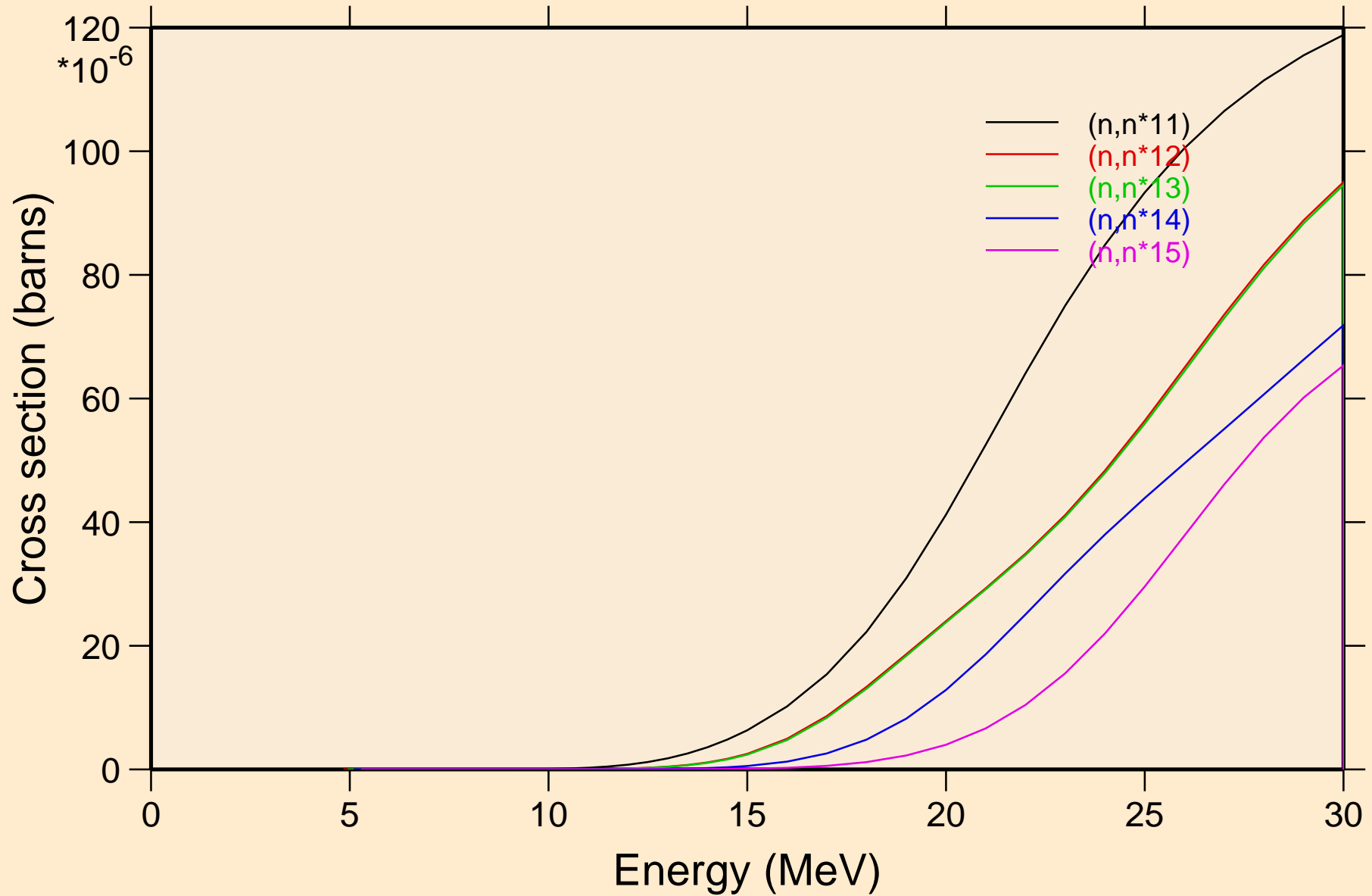


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

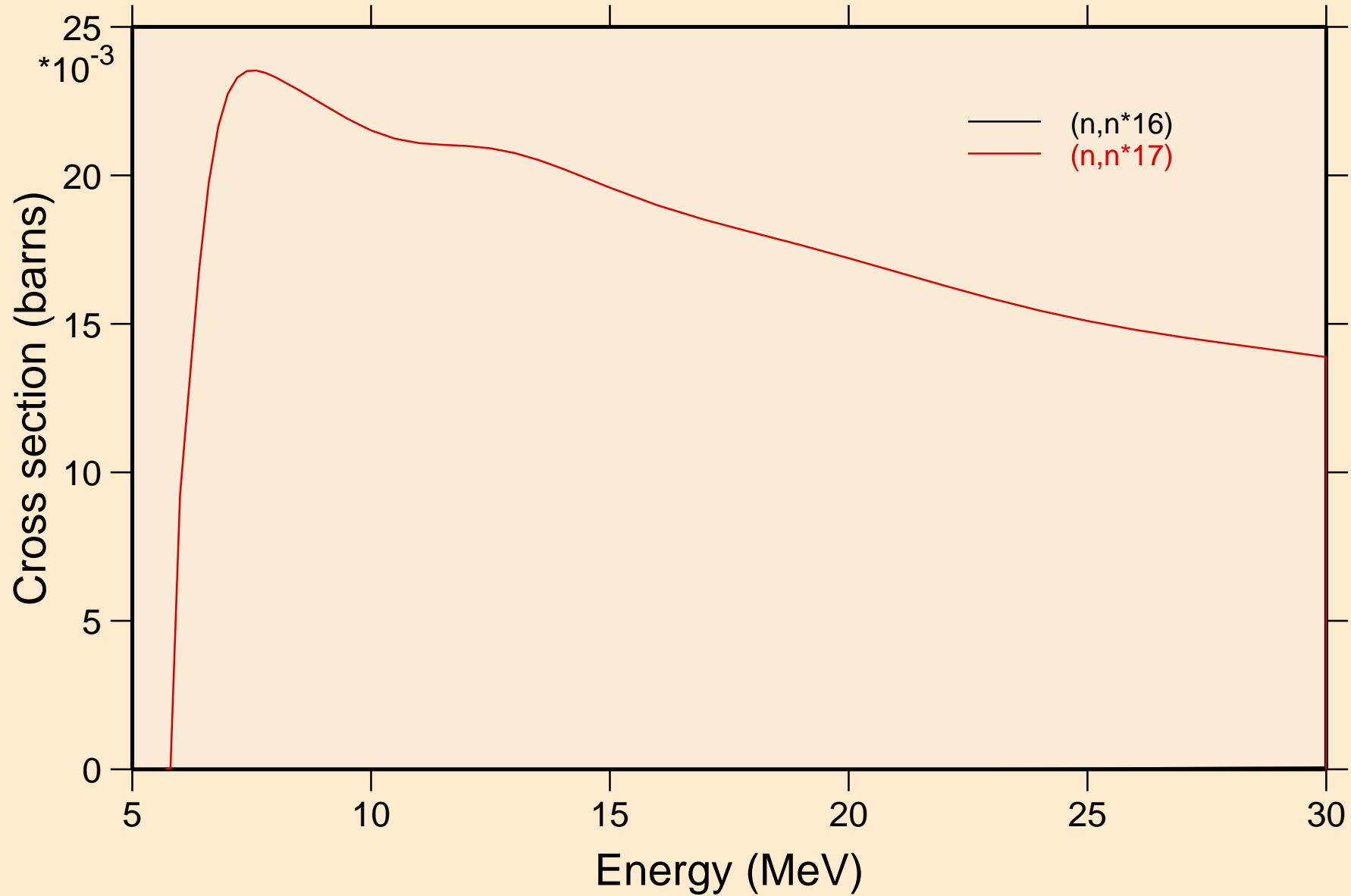


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

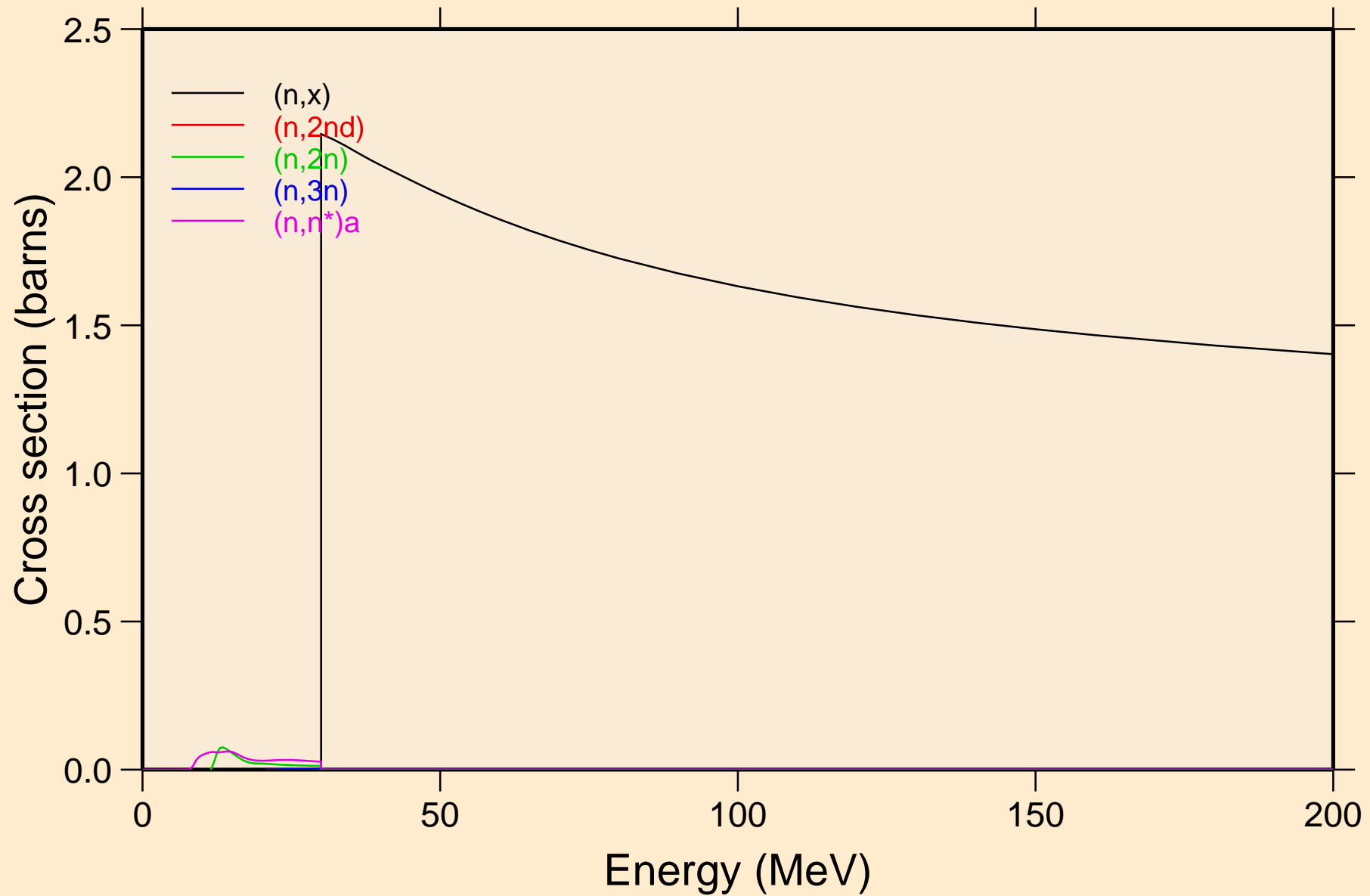


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



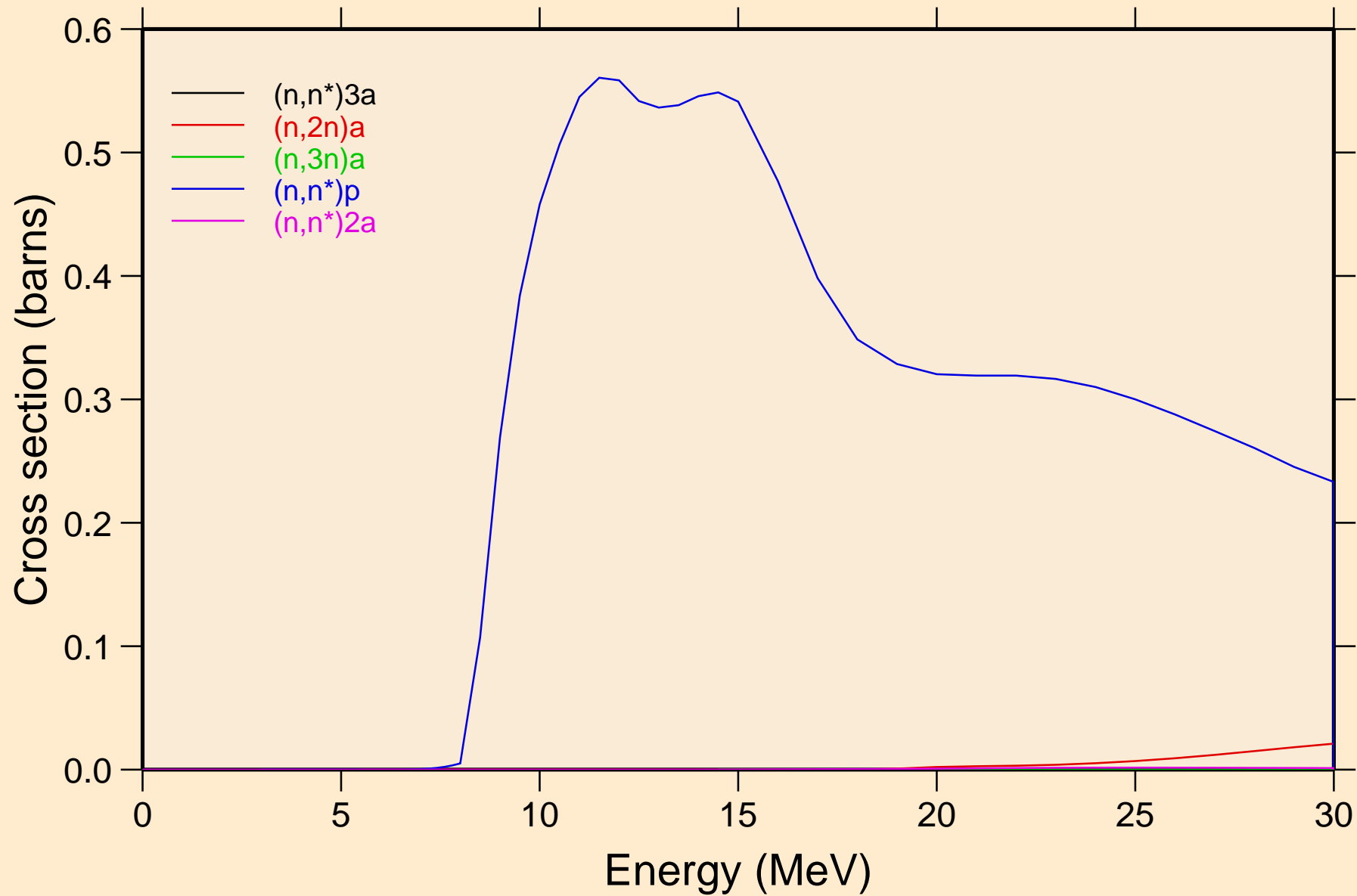
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



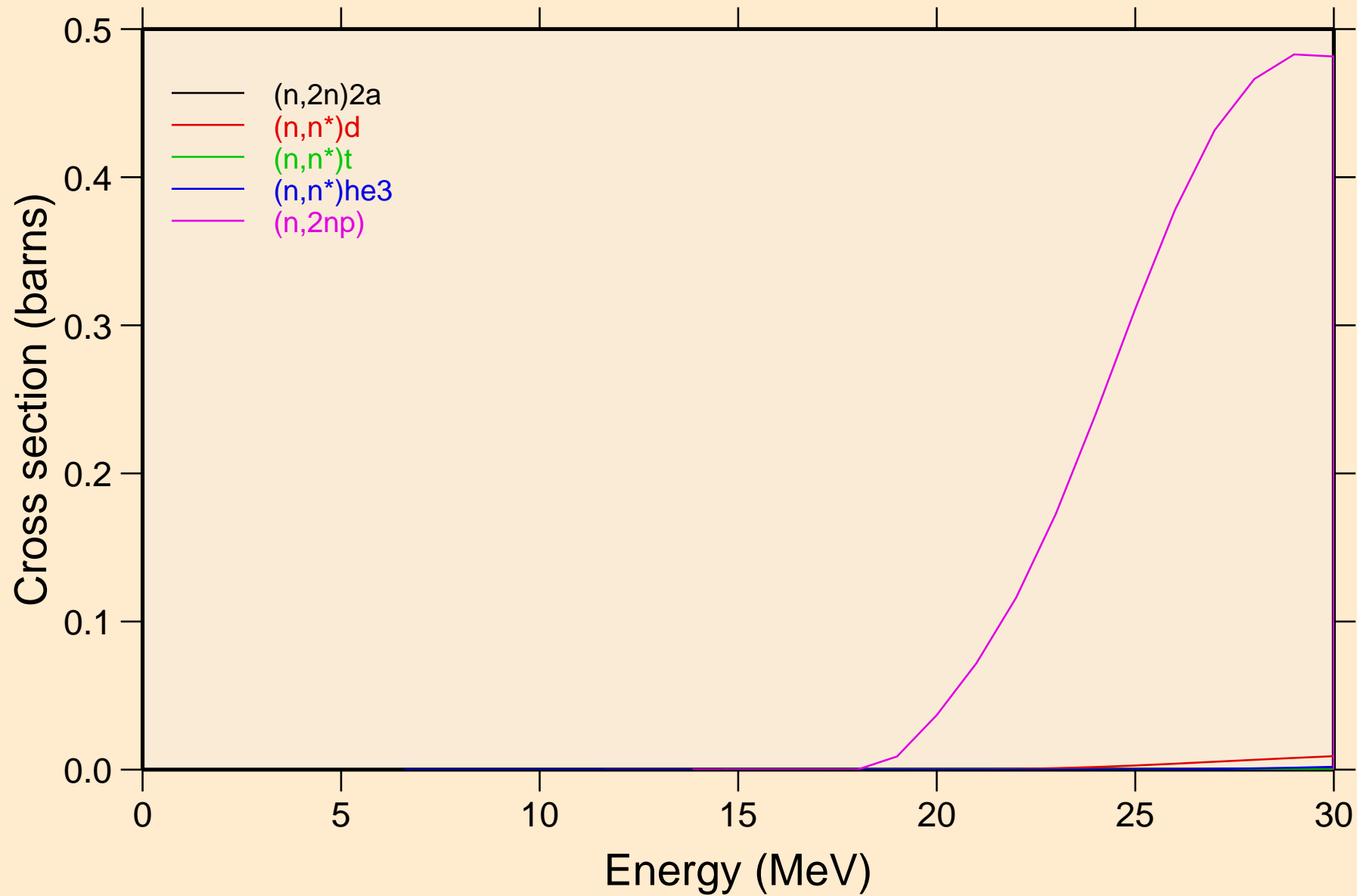
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



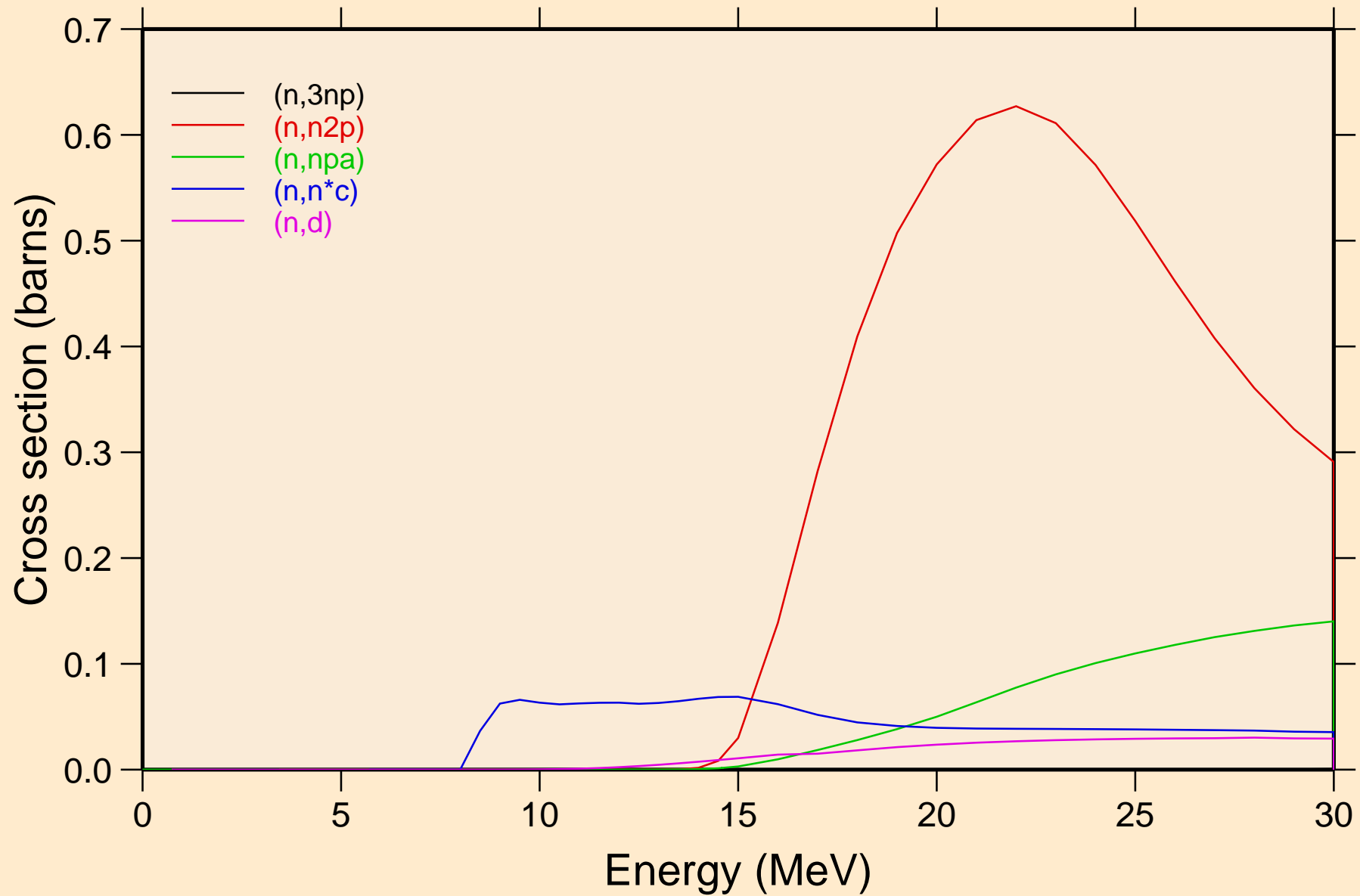
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



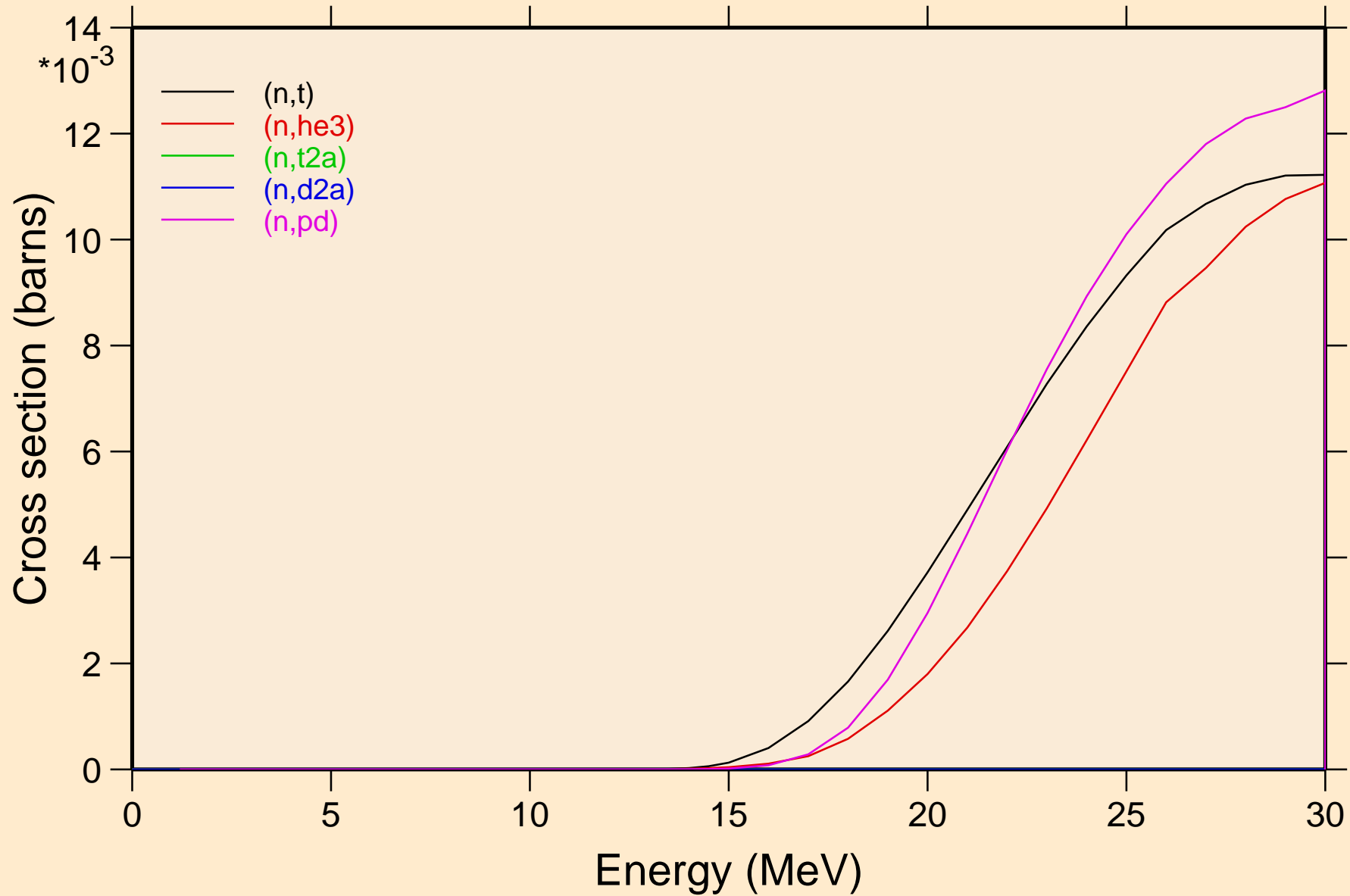
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

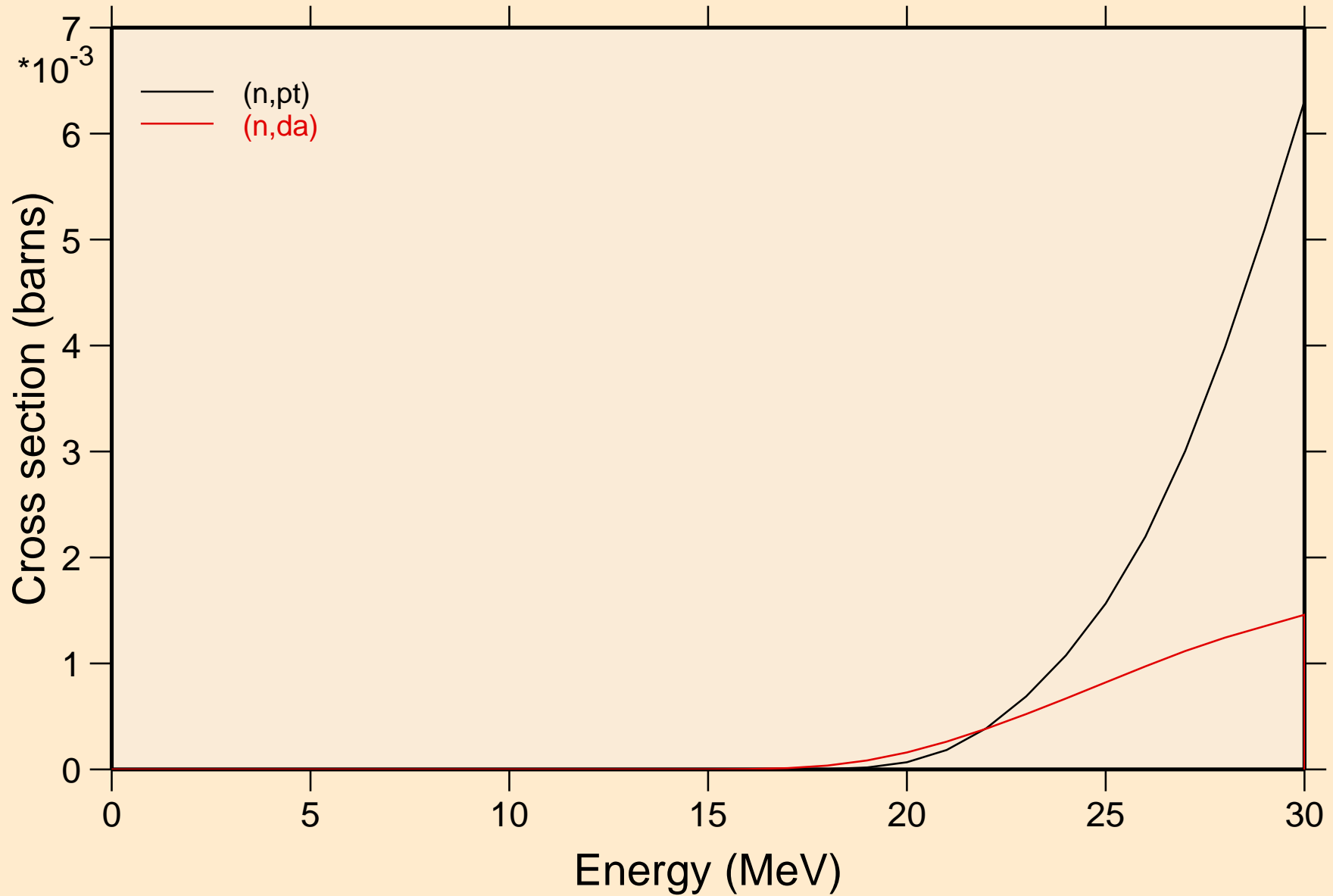


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

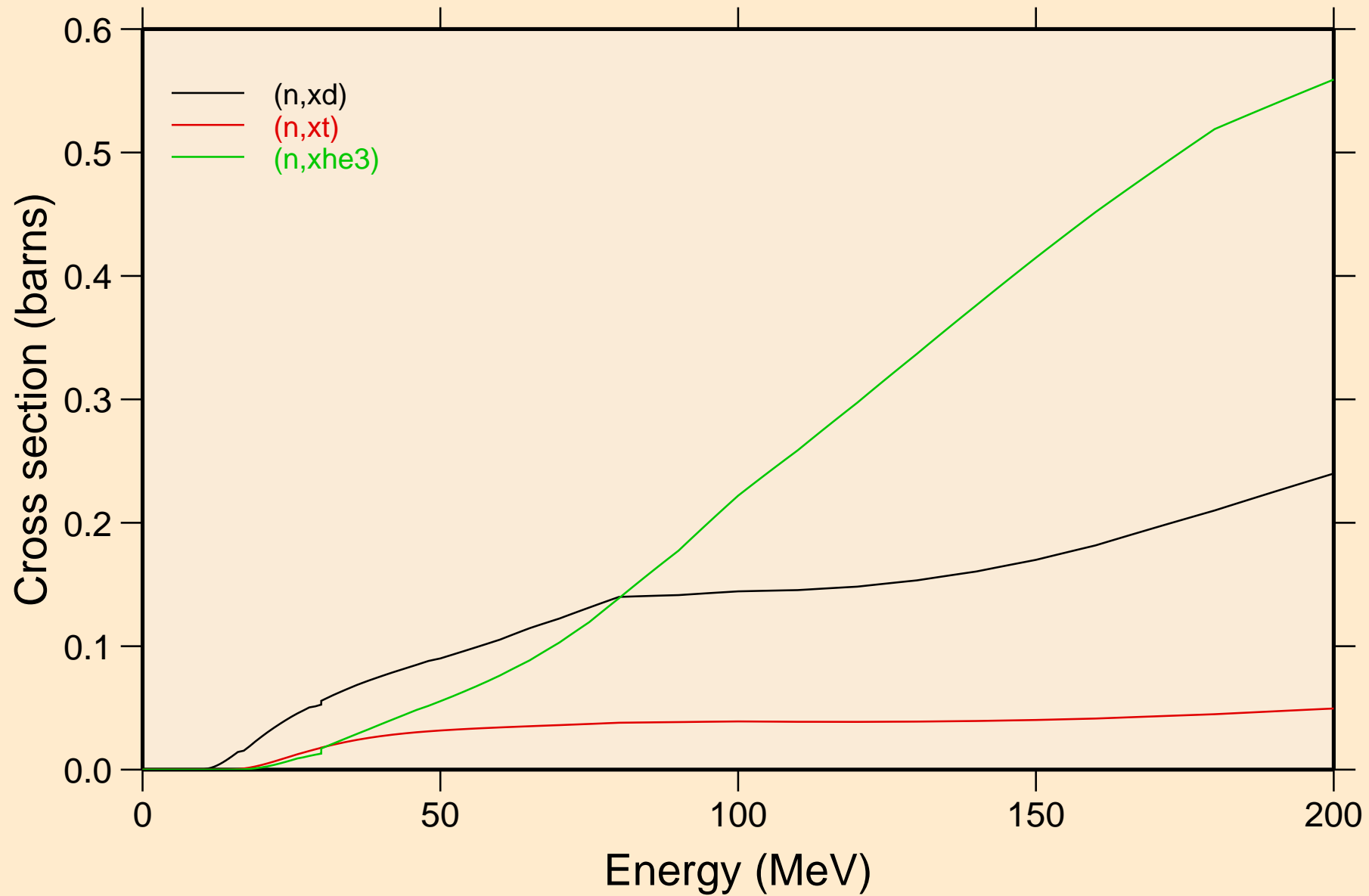
Threshold reactions



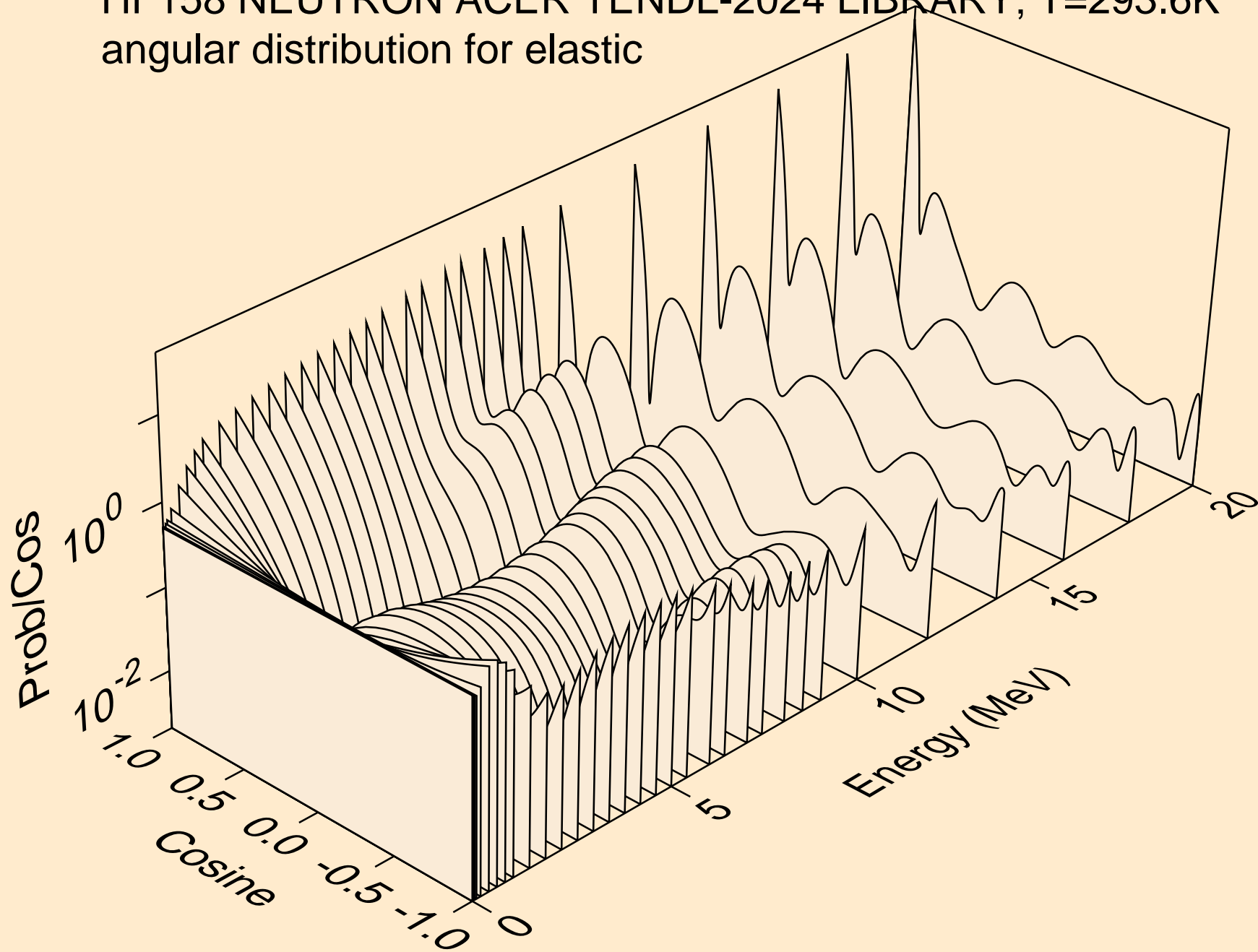
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



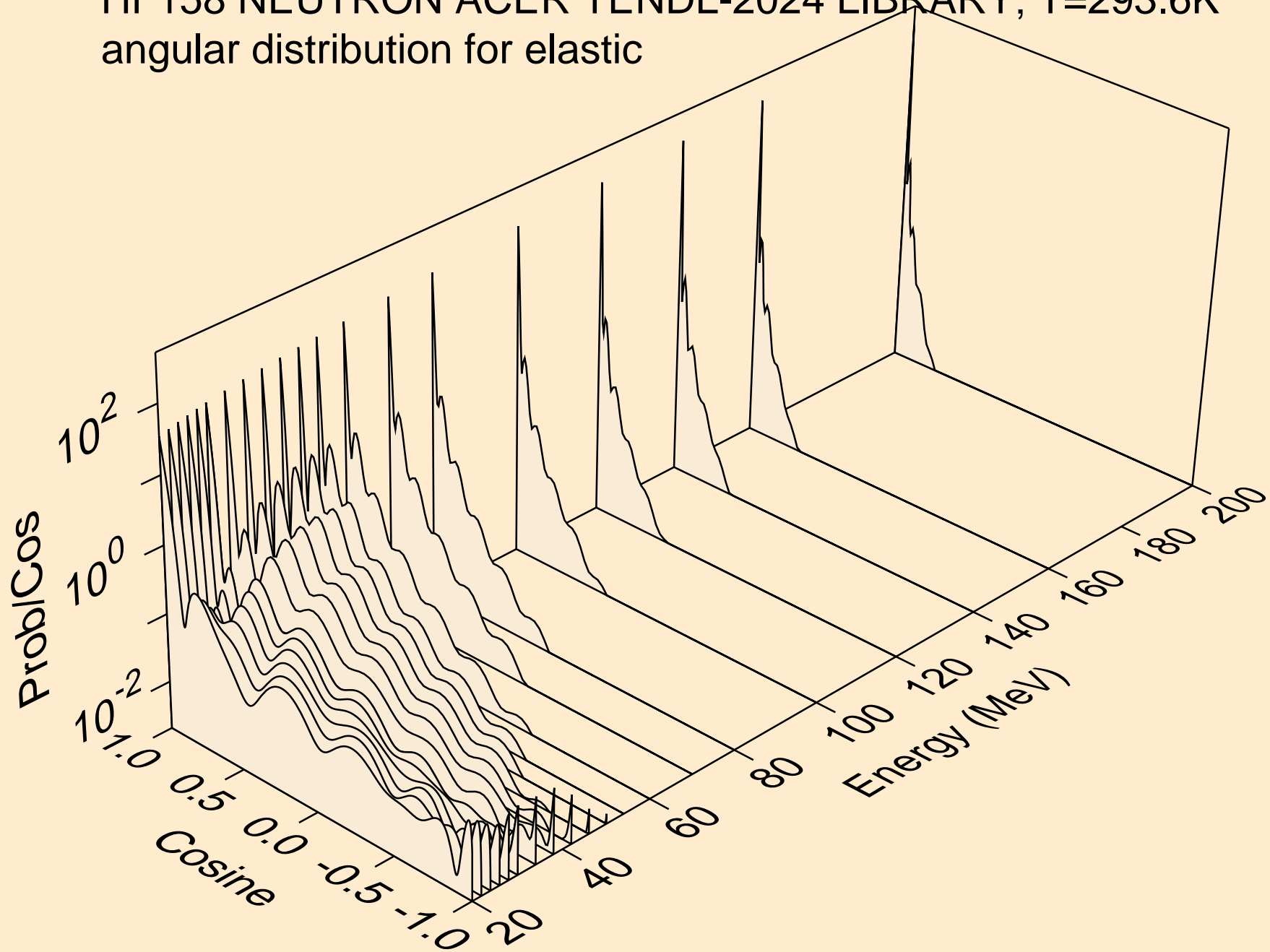
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



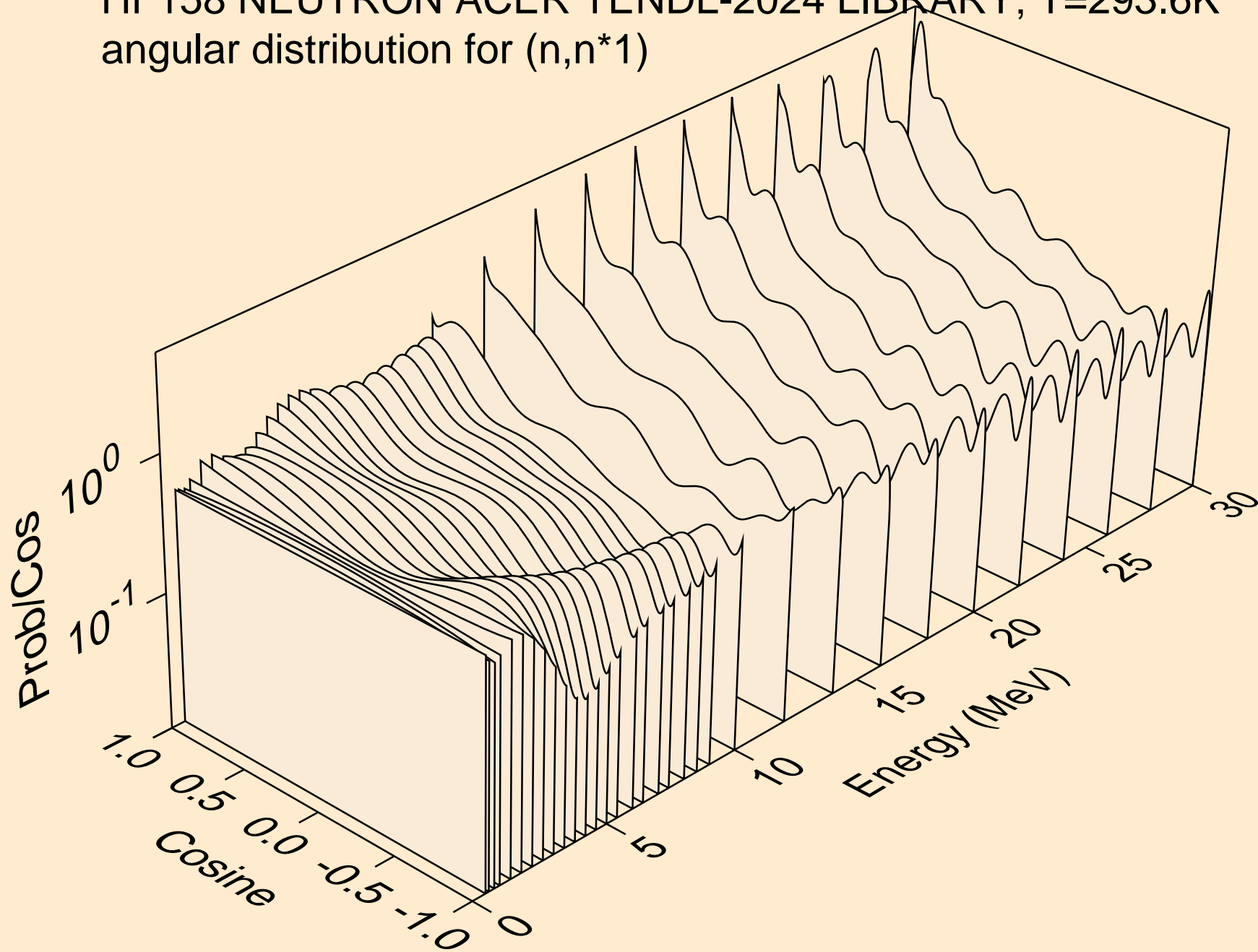
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



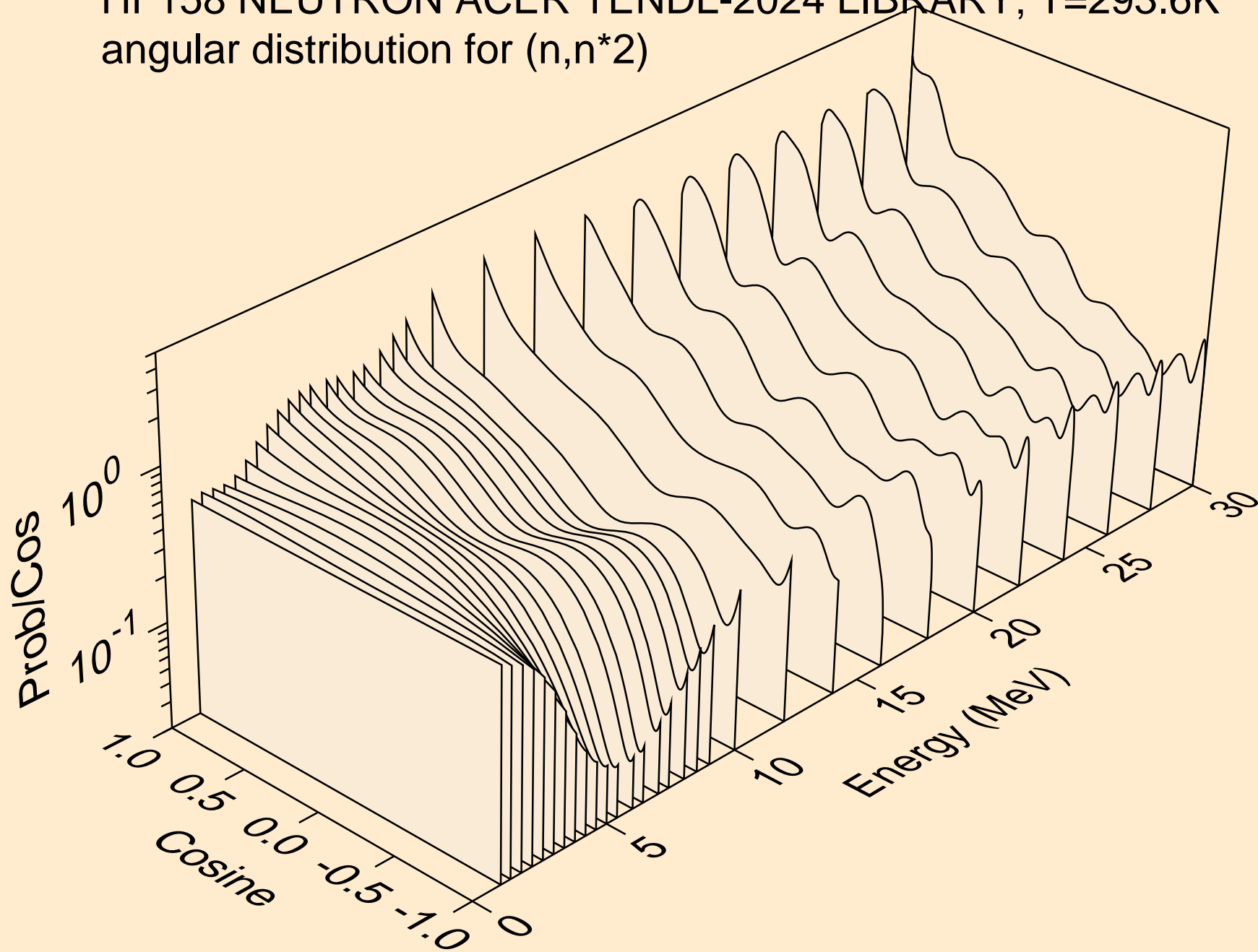
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



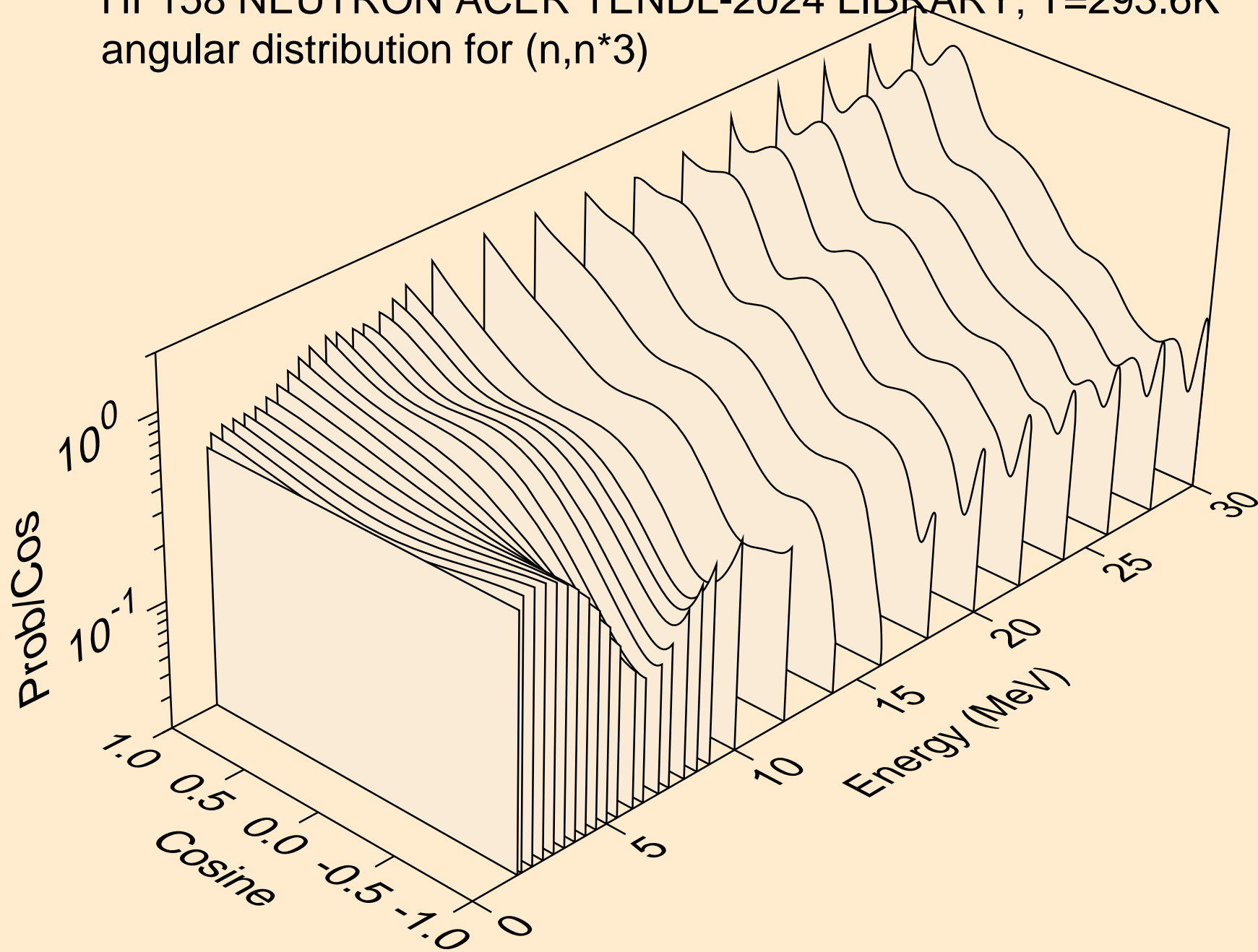
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



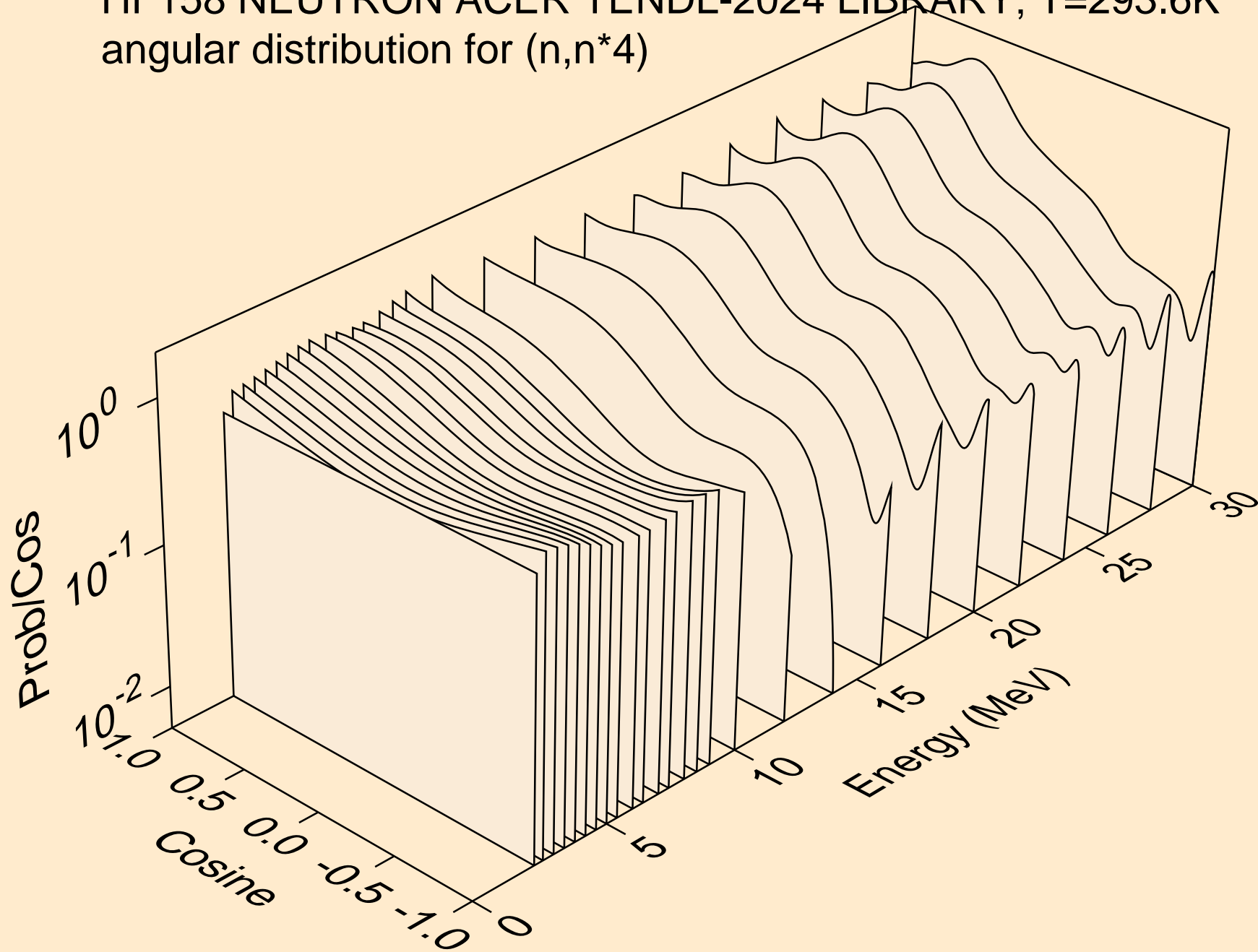
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



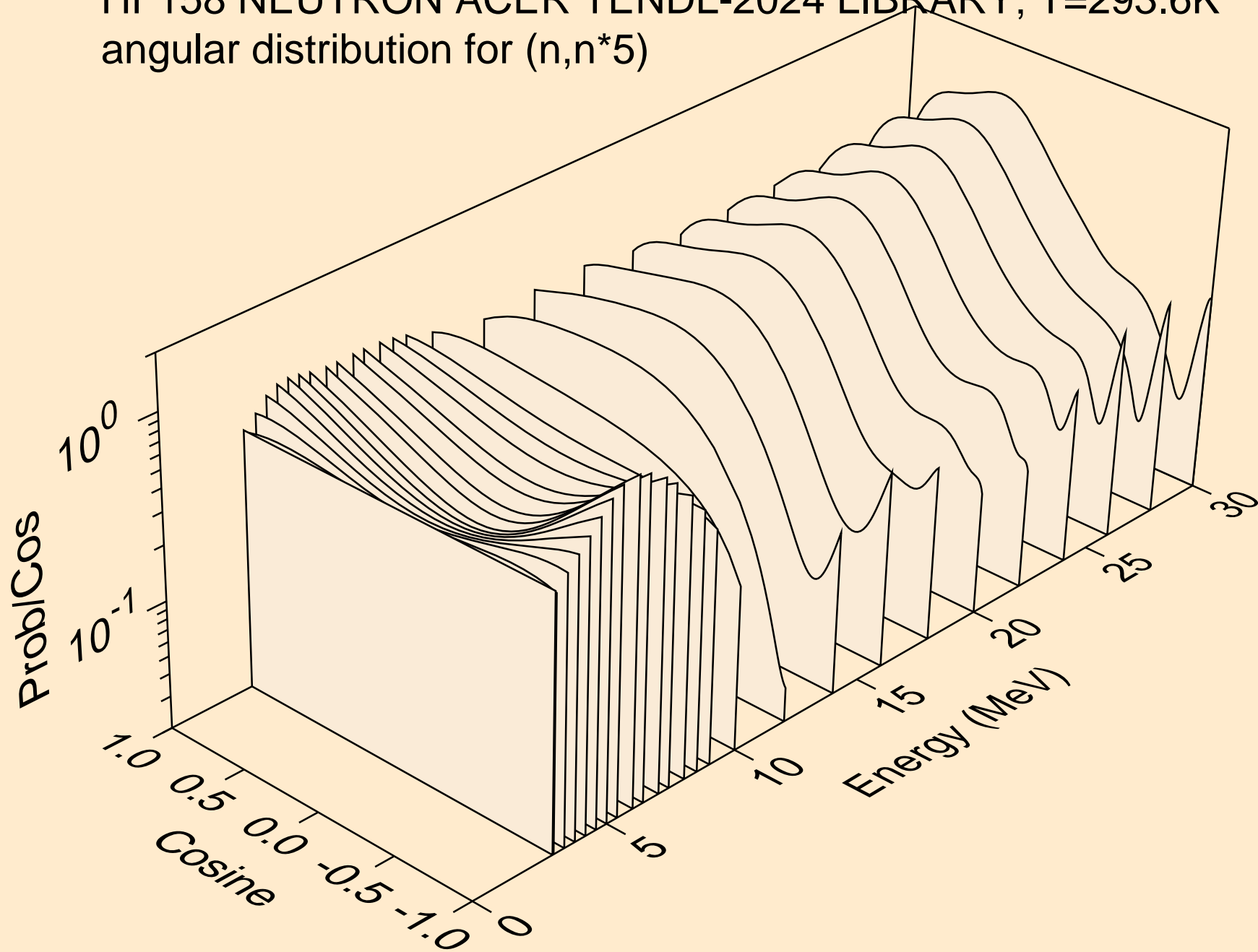
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



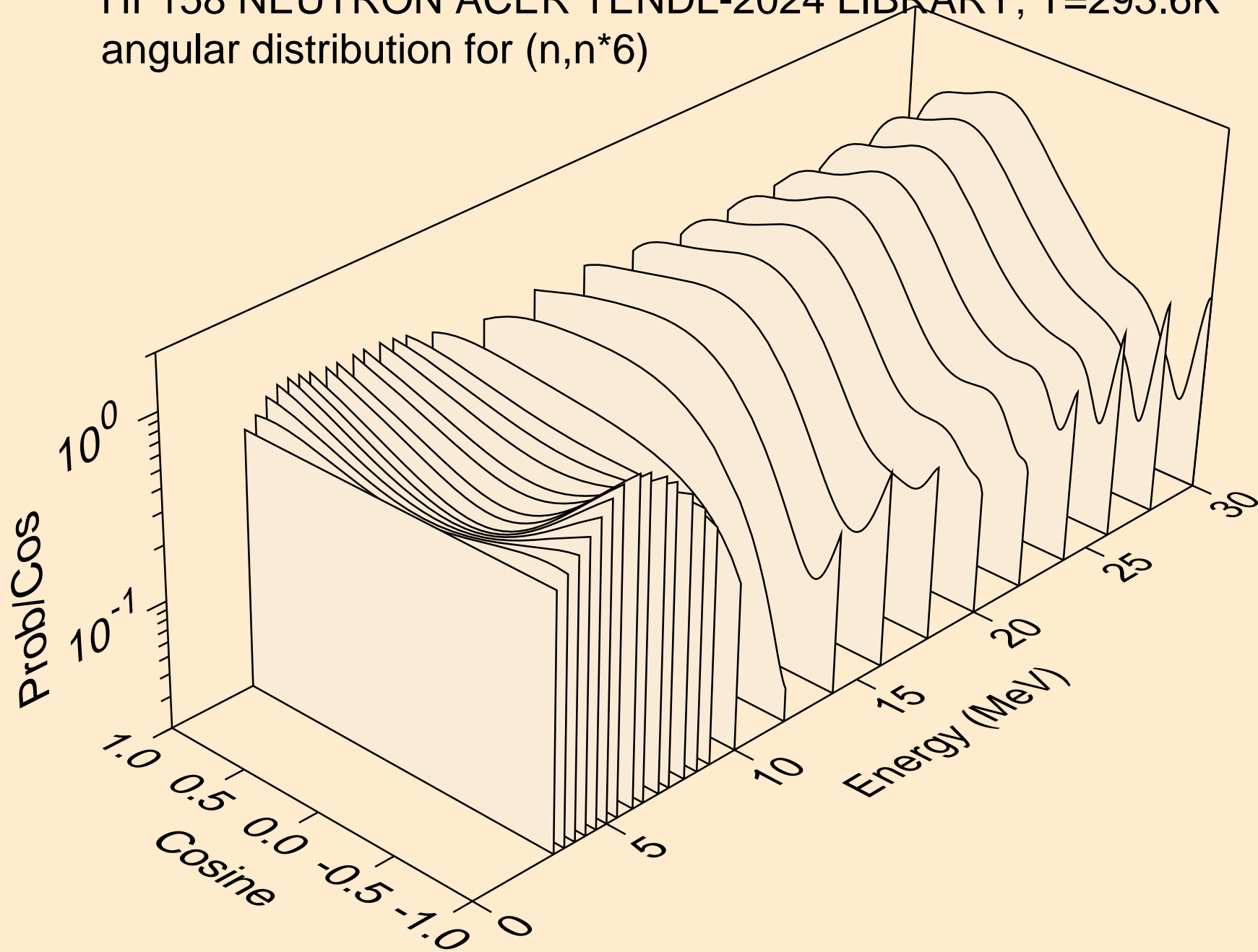
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



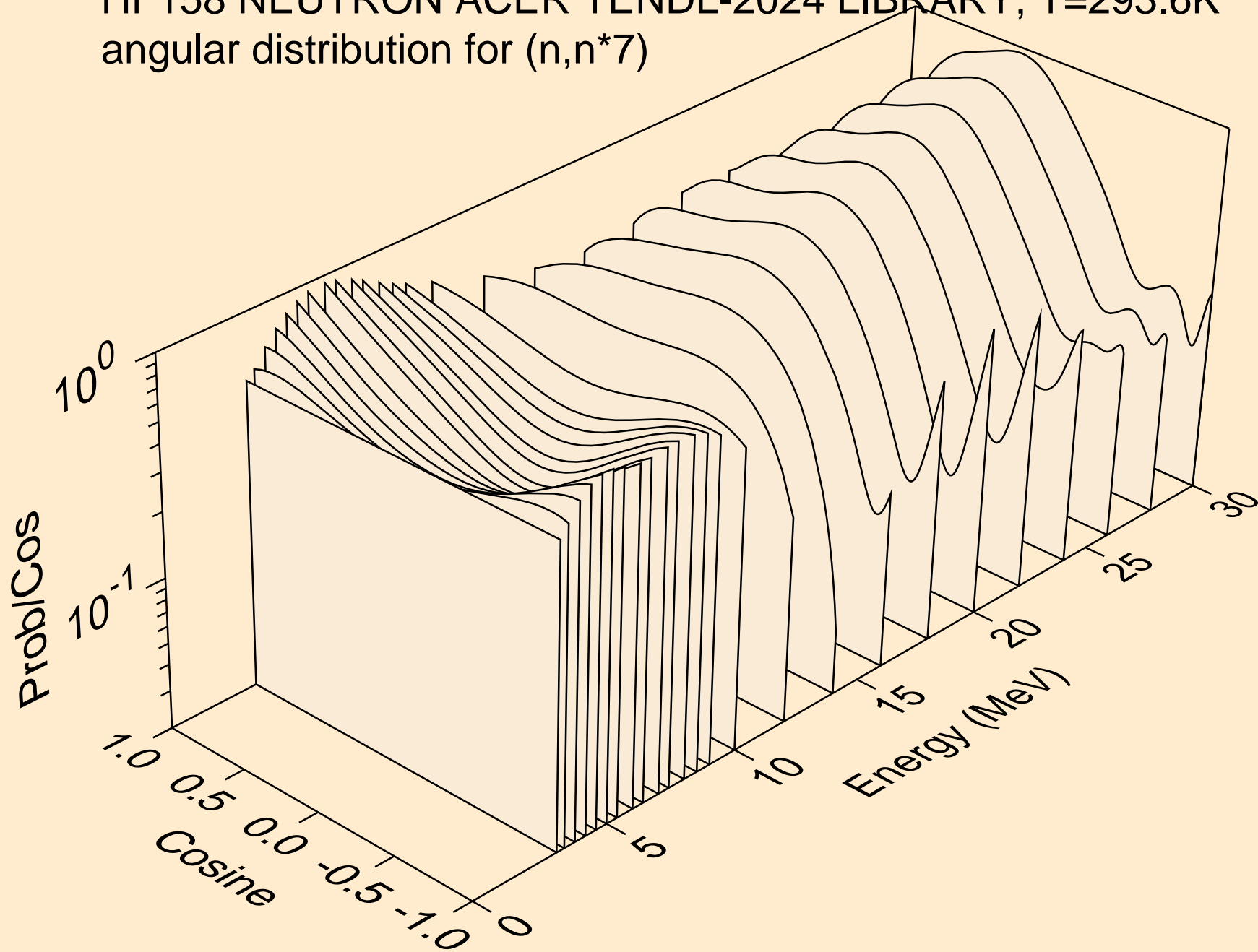
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



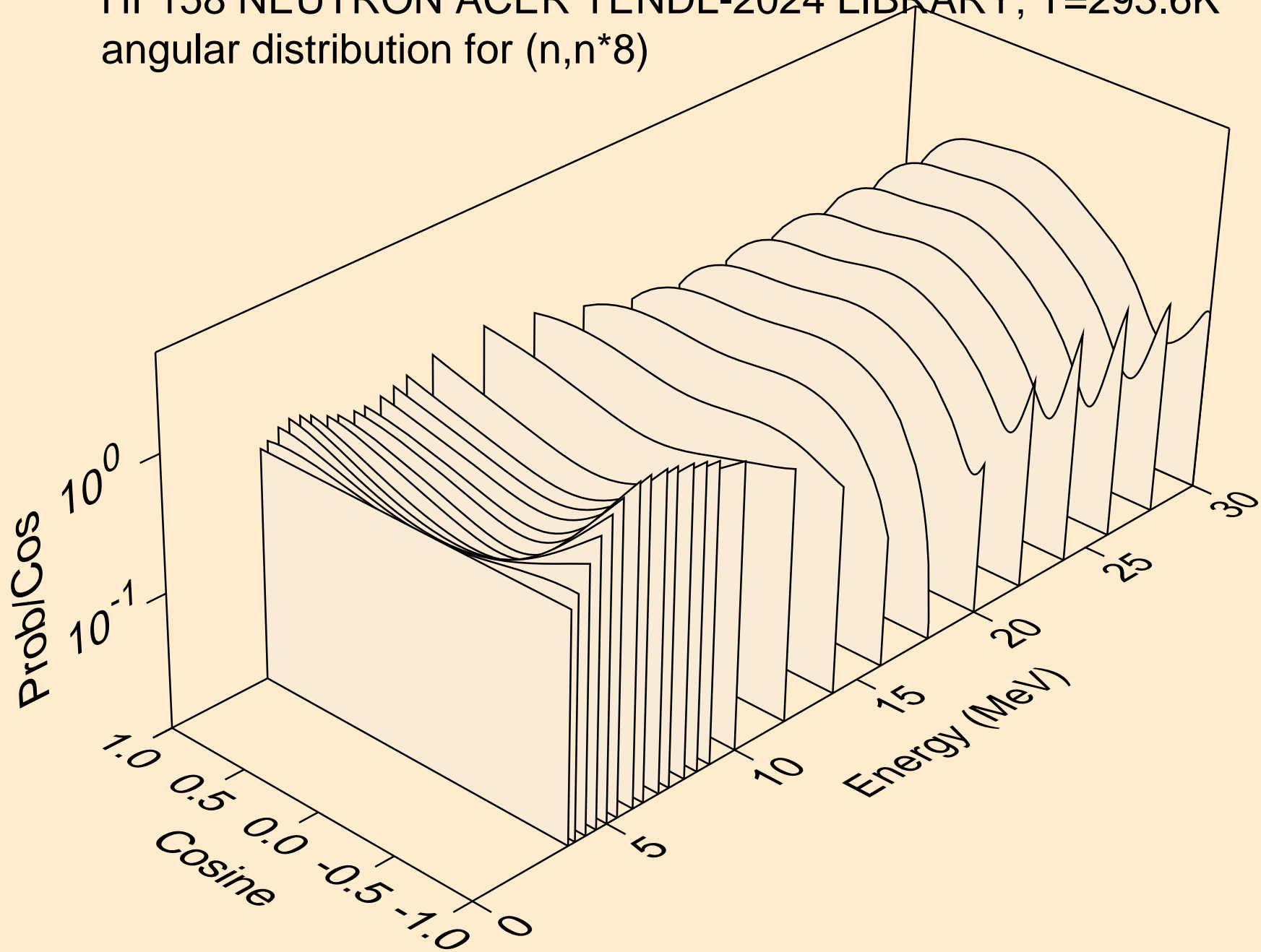
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



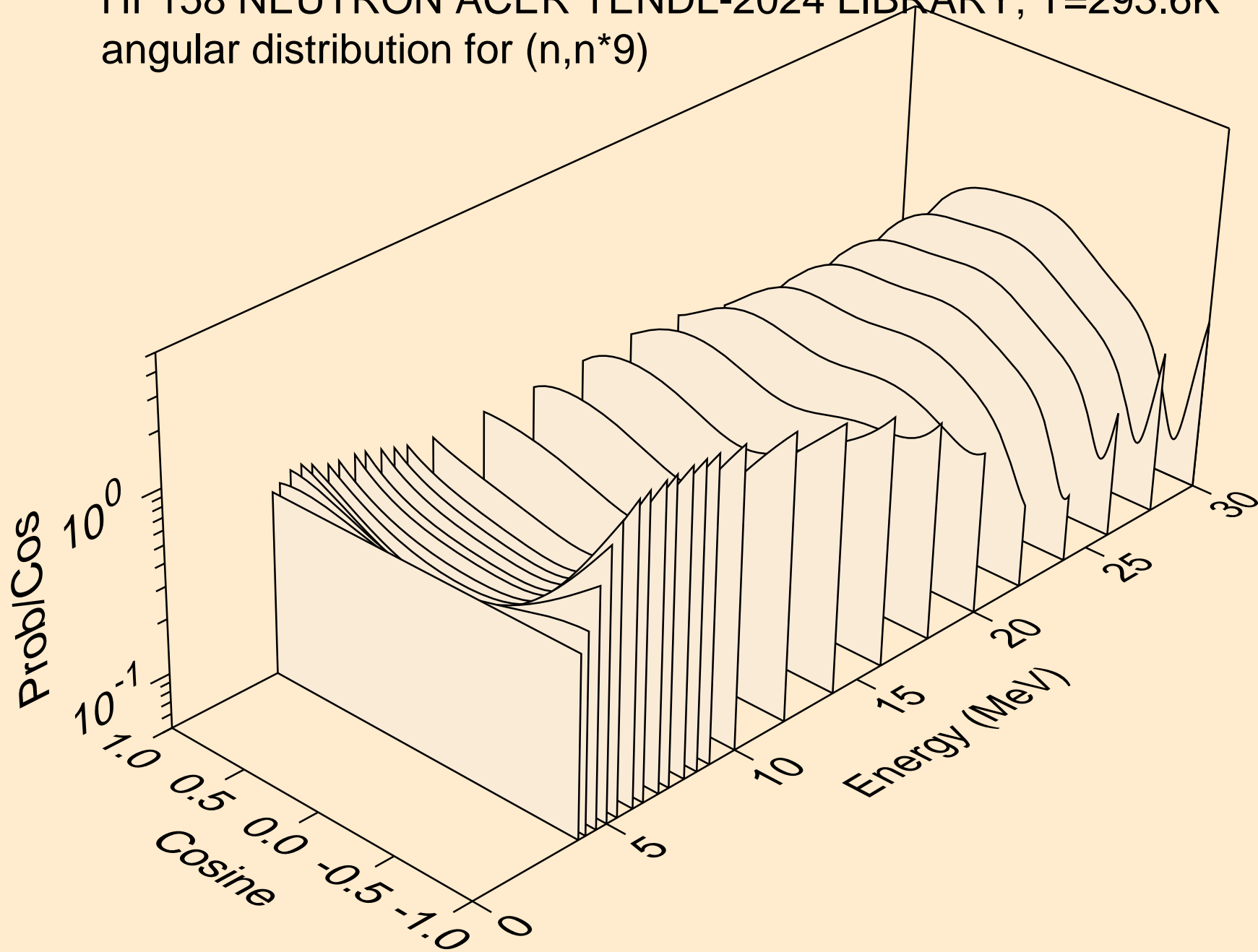
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



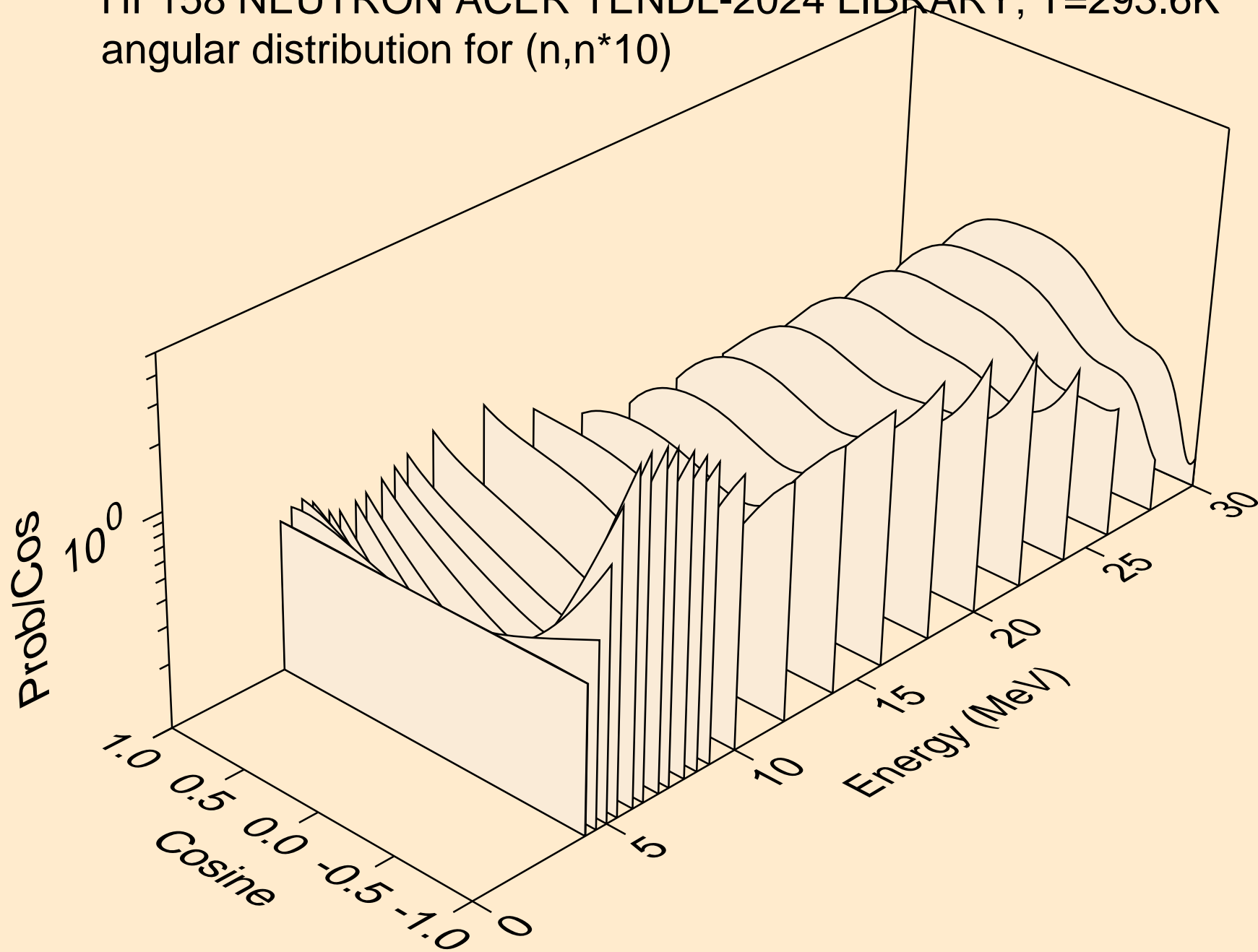
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



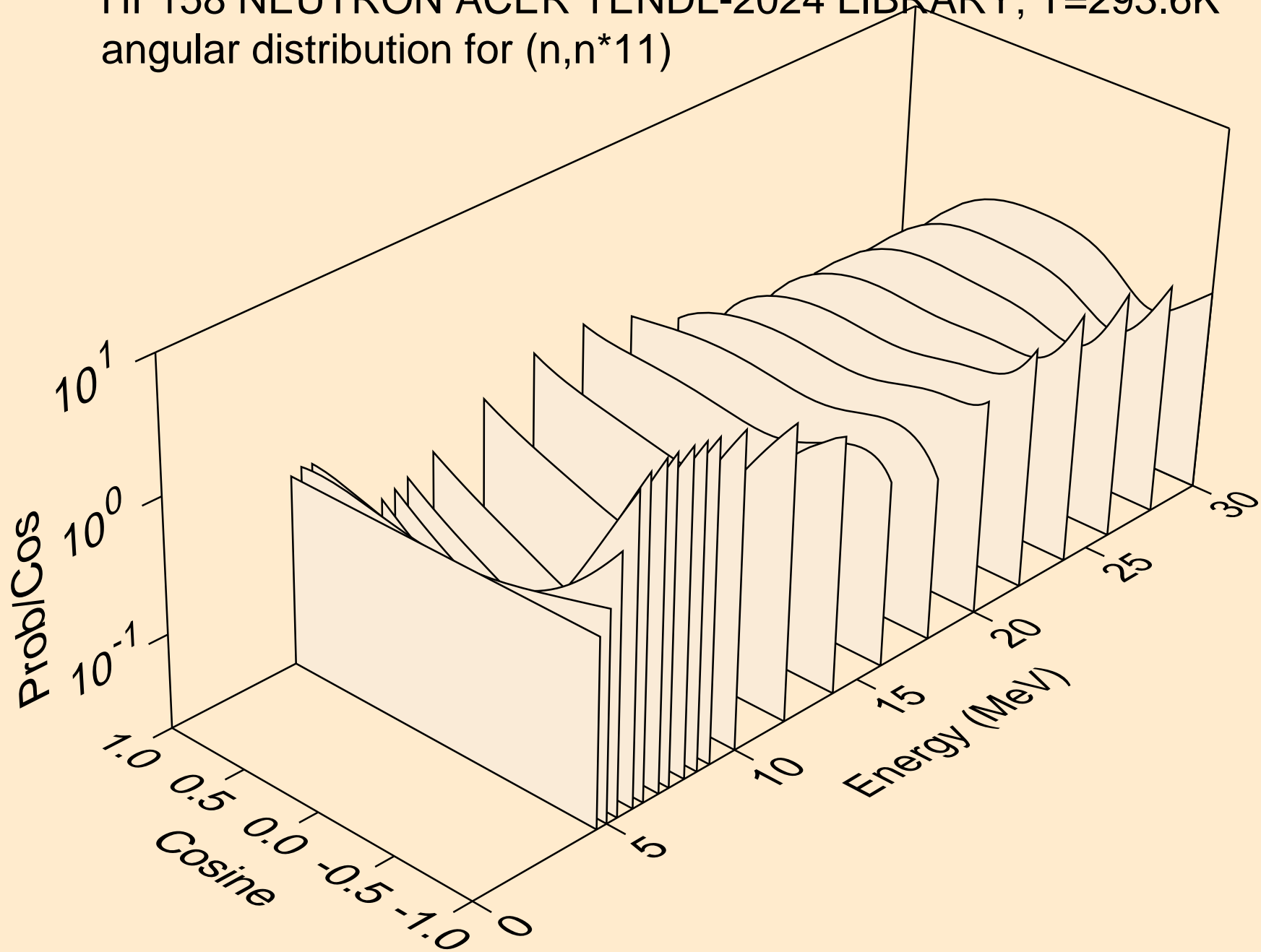
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



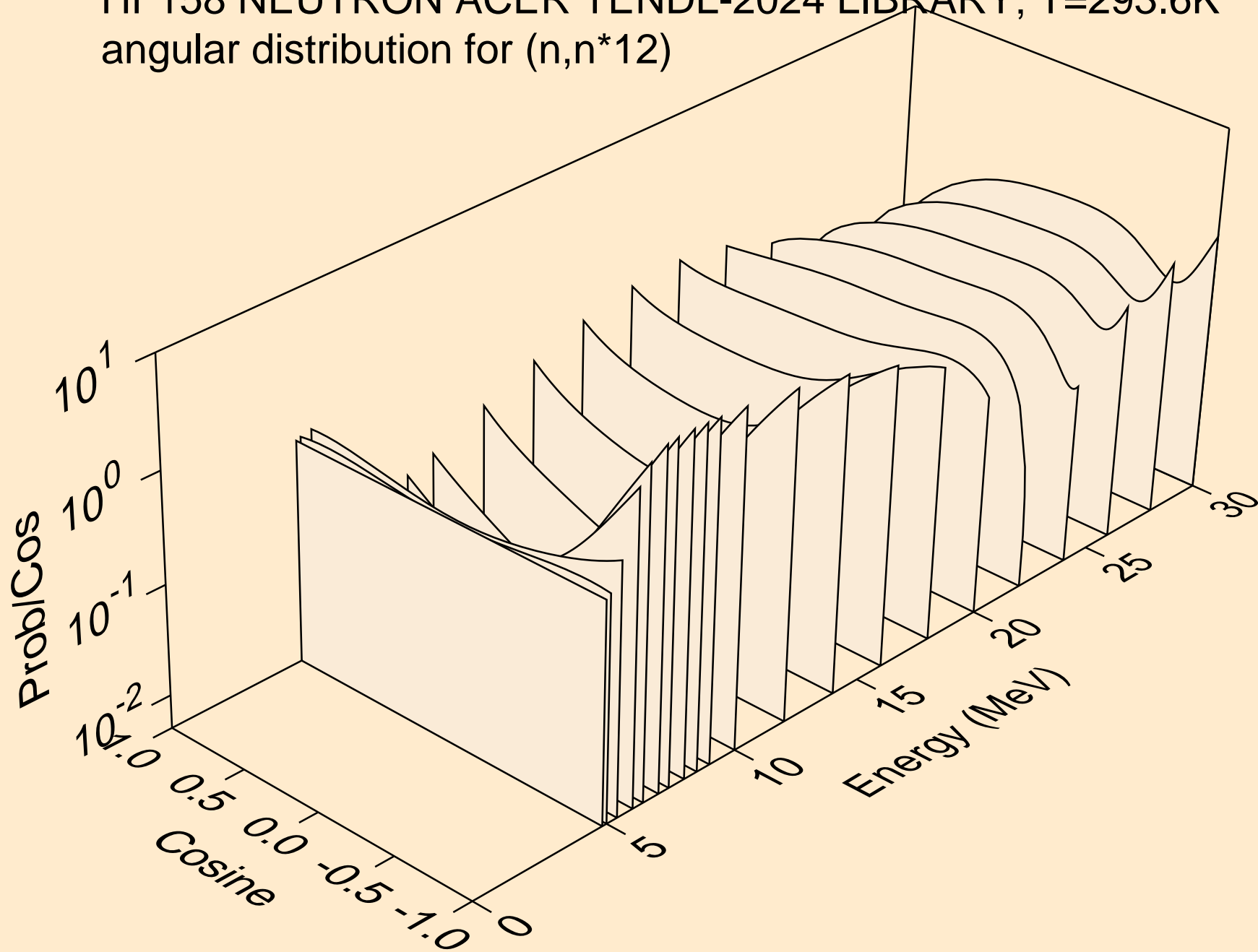
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



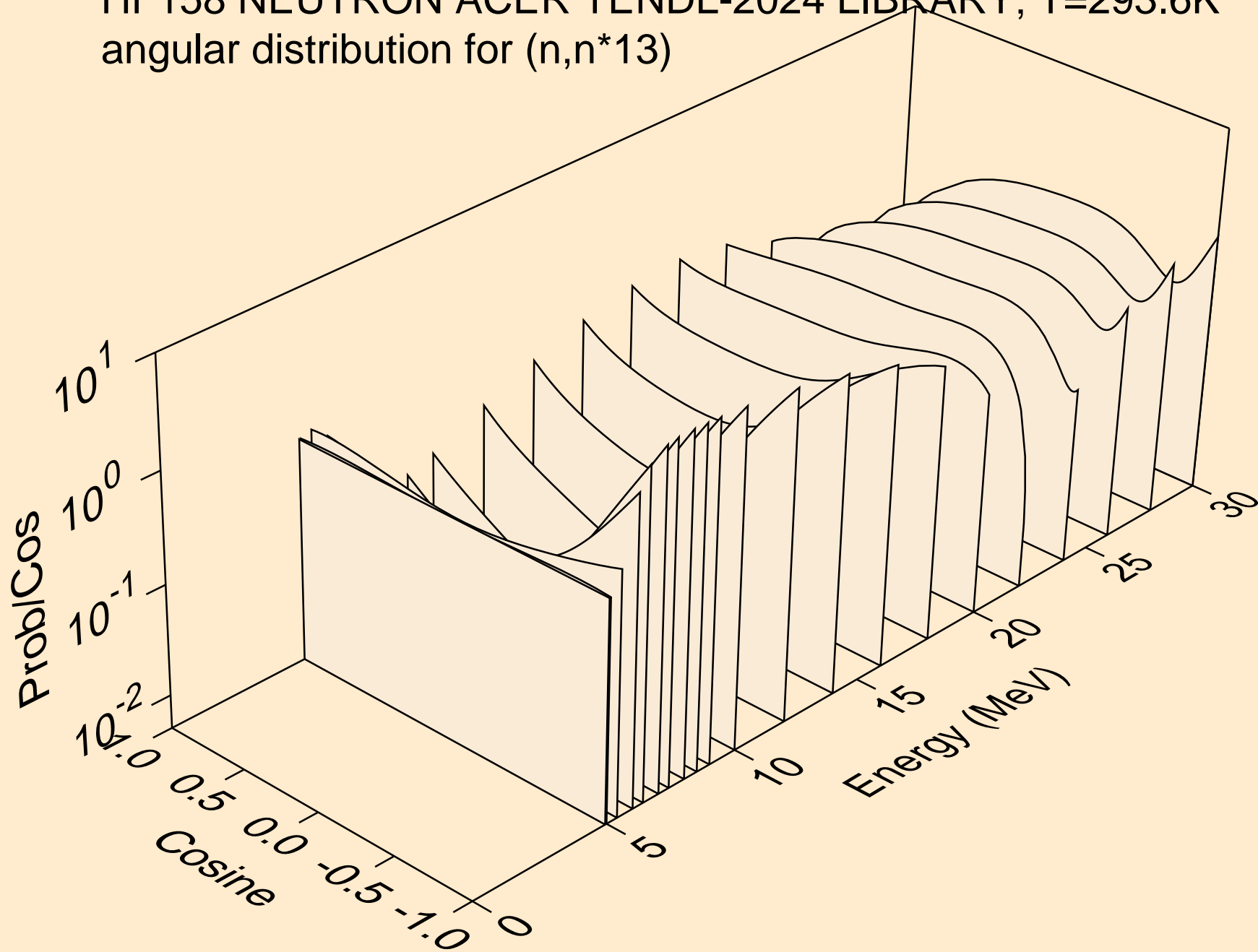
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



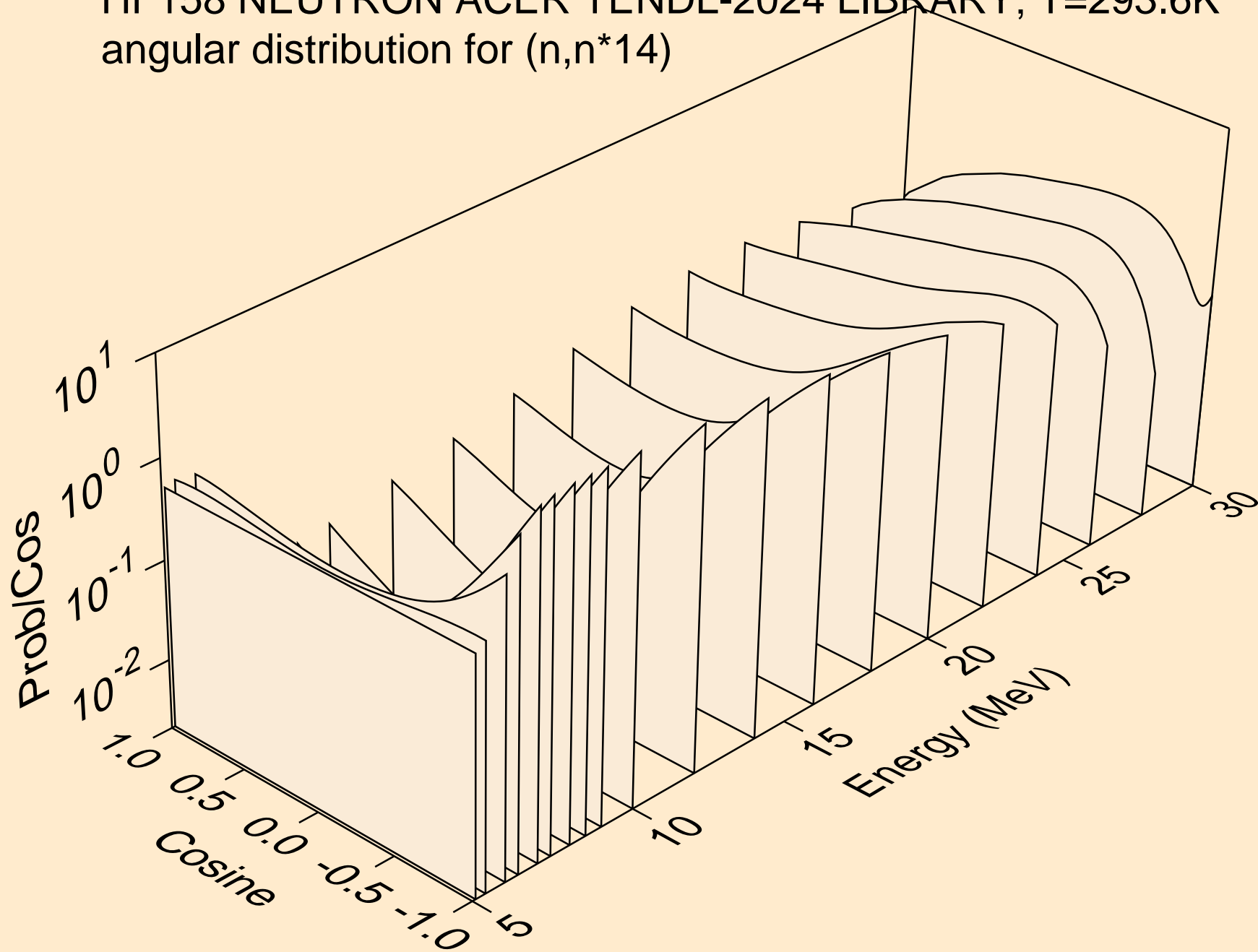
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



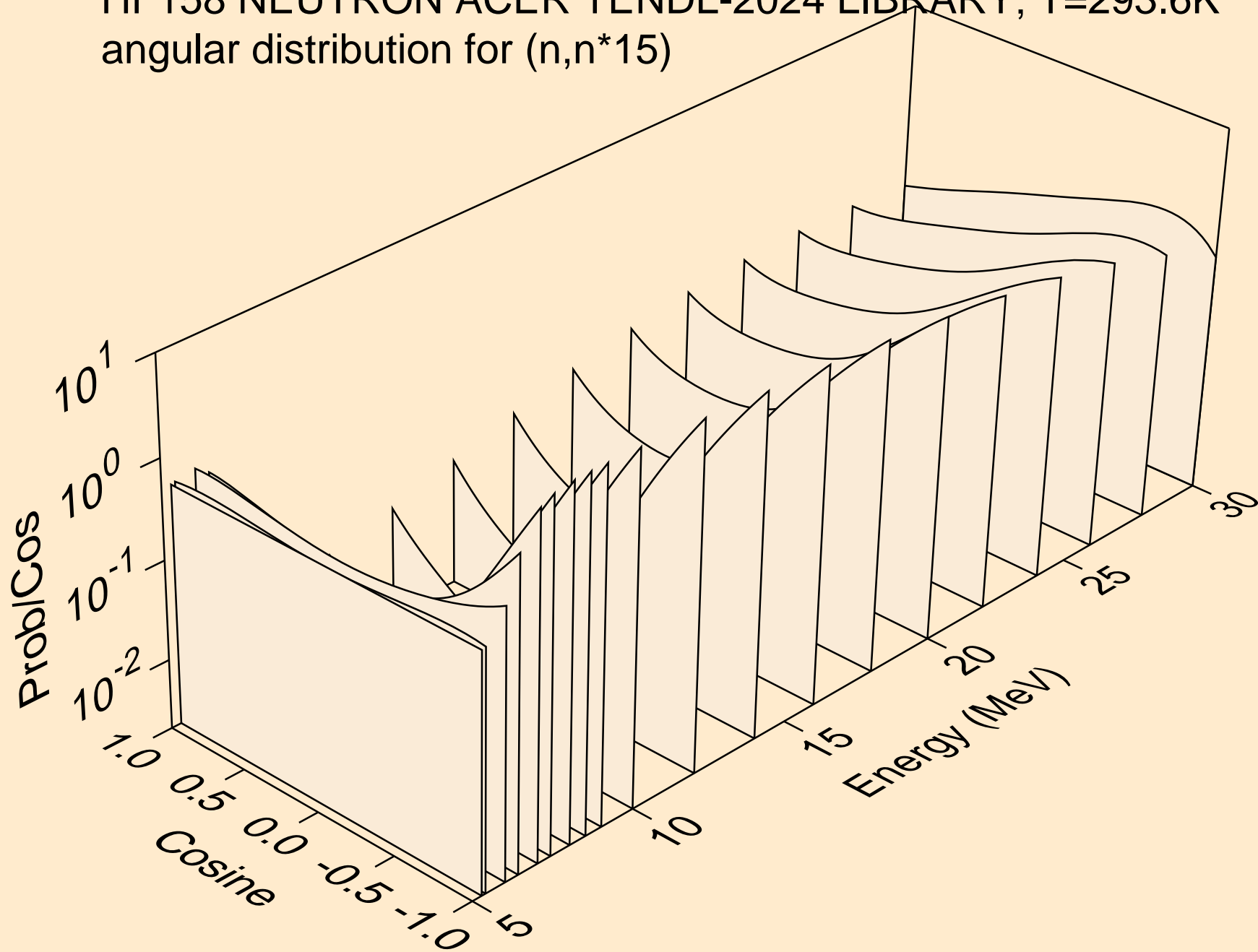
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



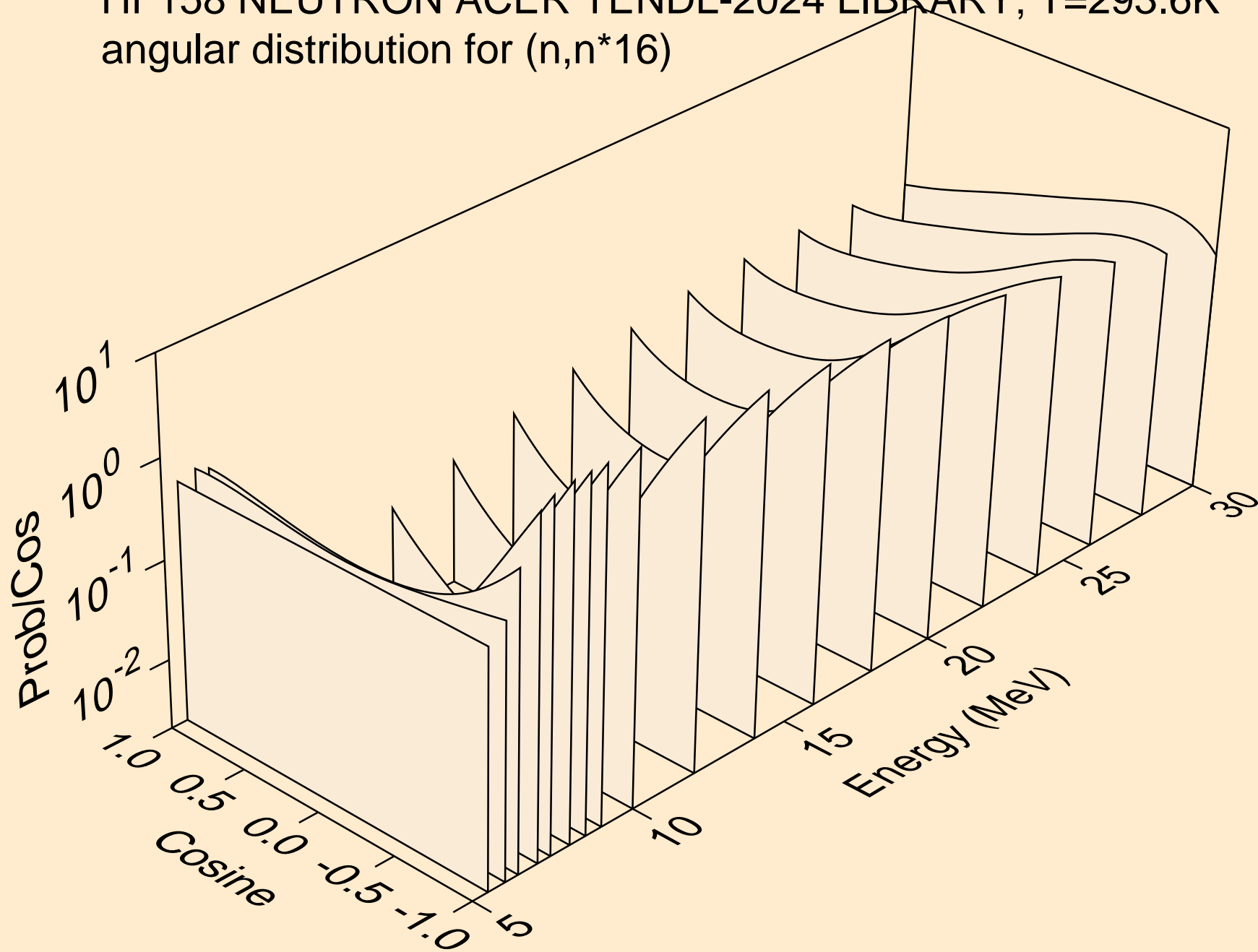
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



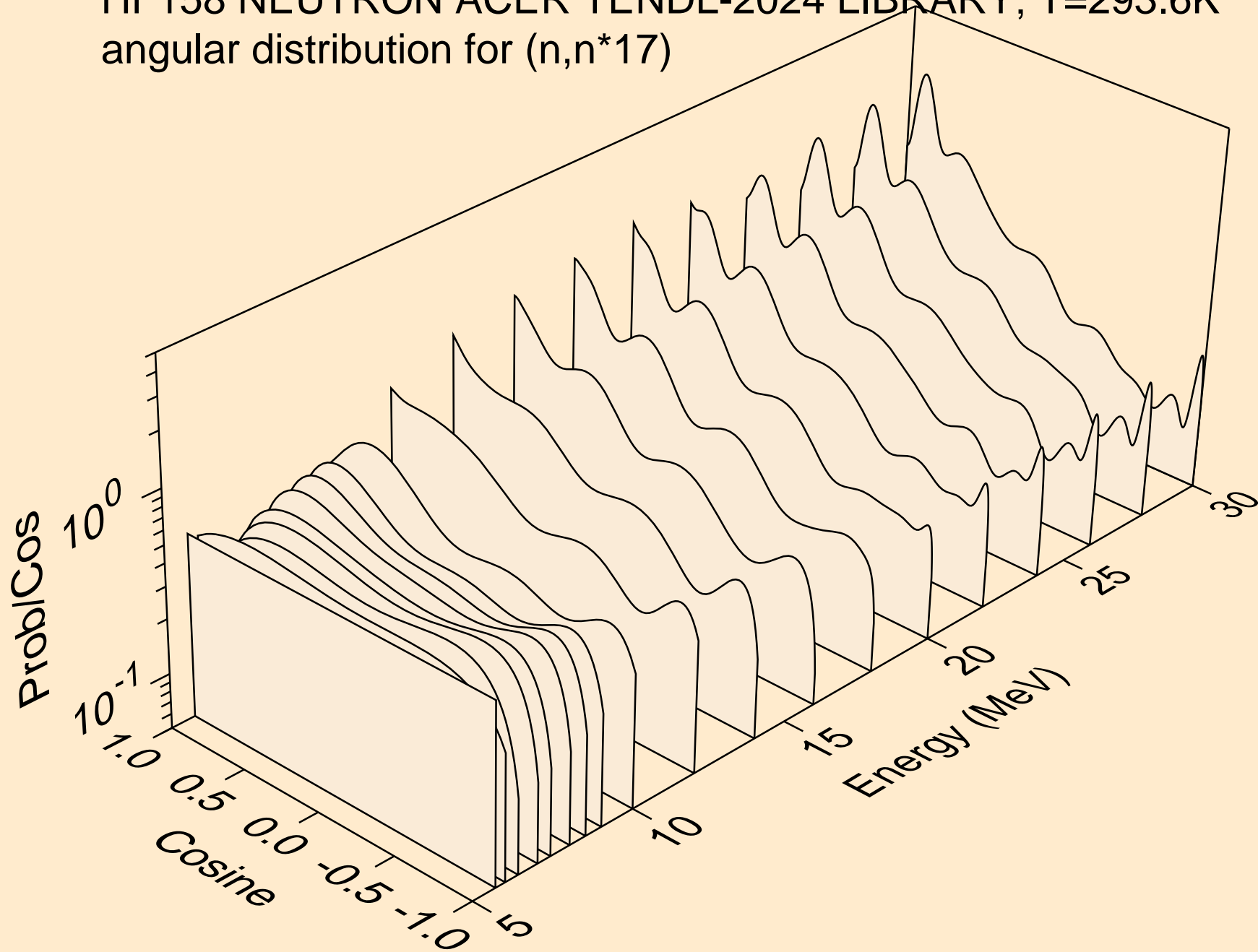
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



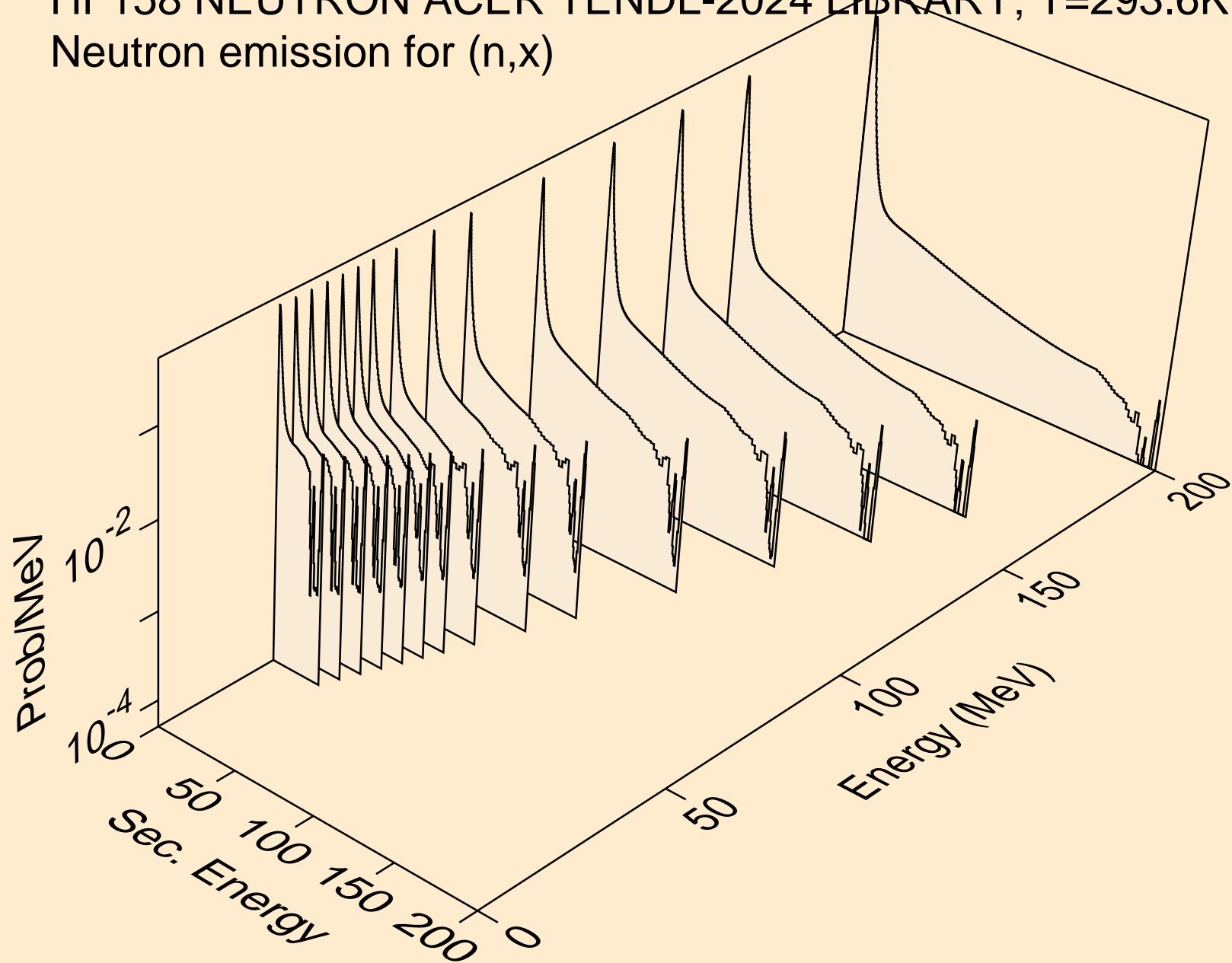
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



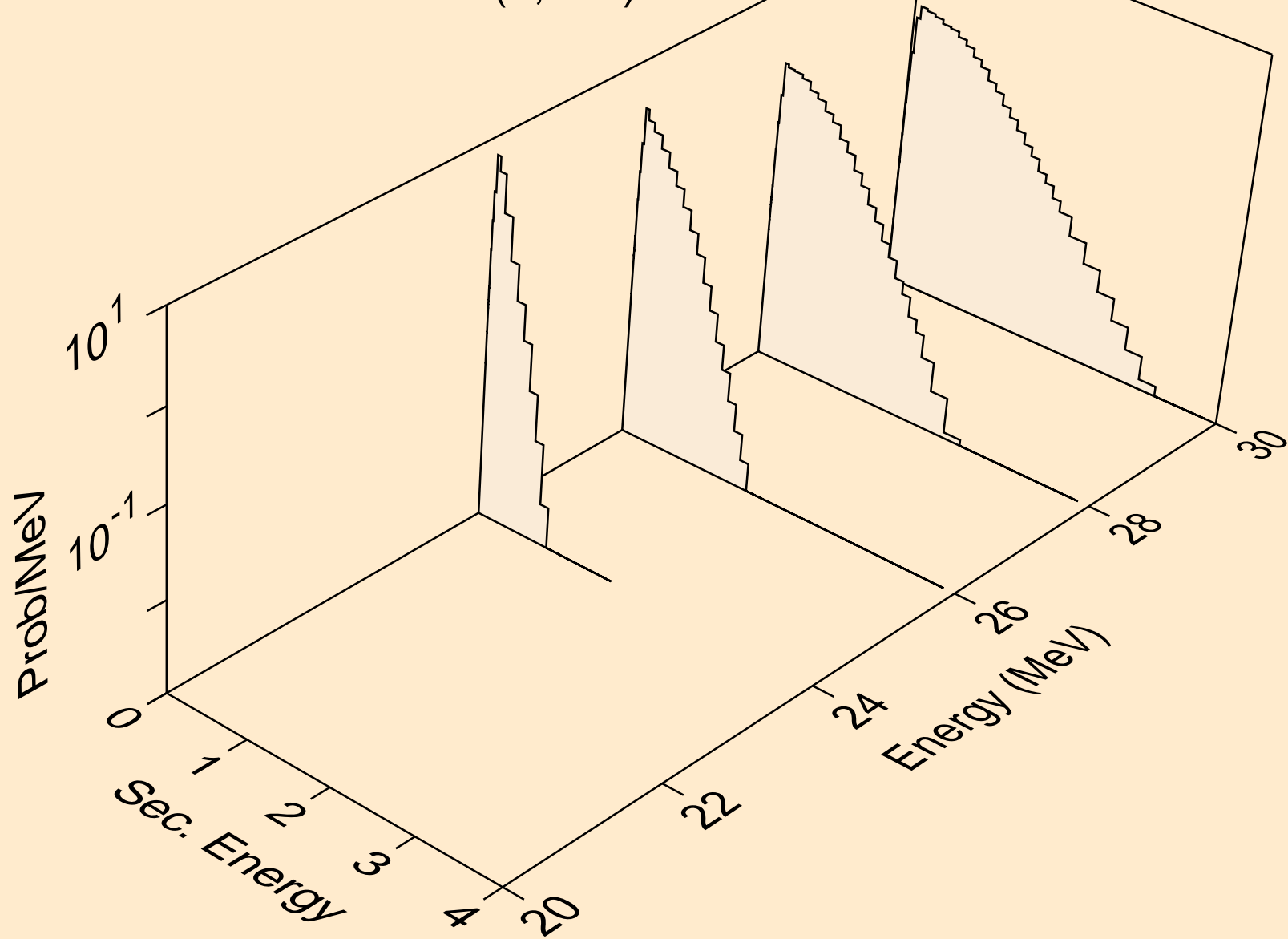
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



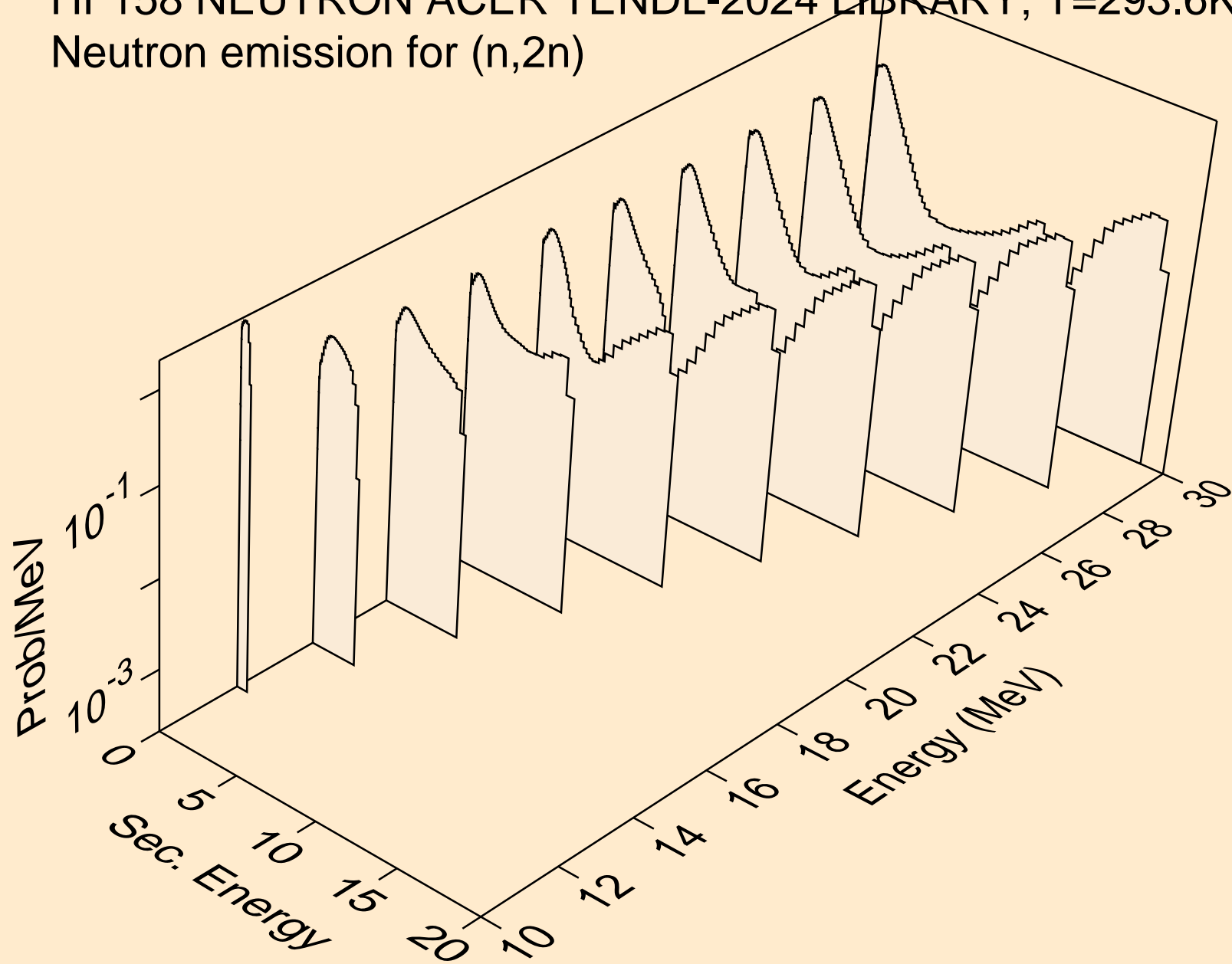
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



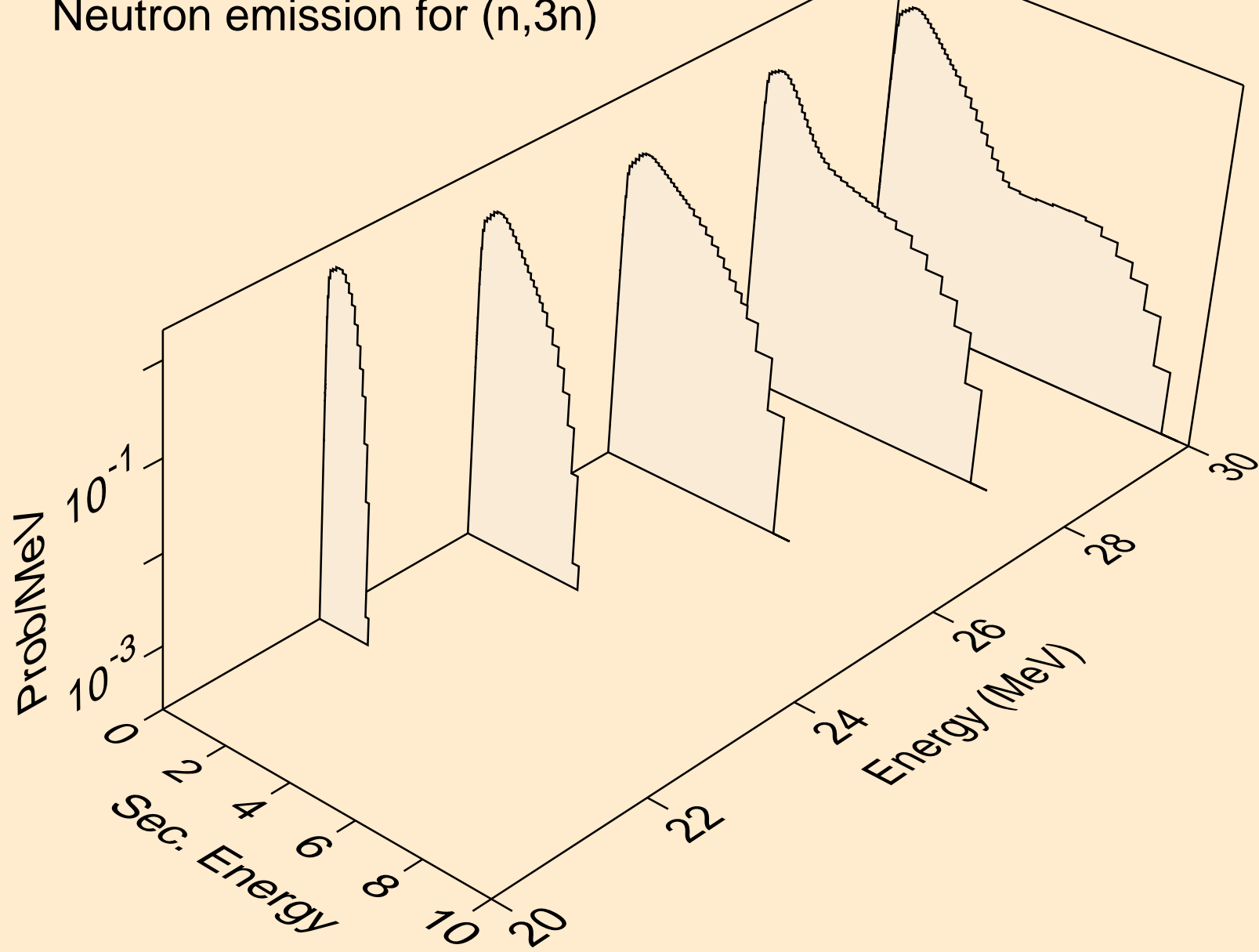
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



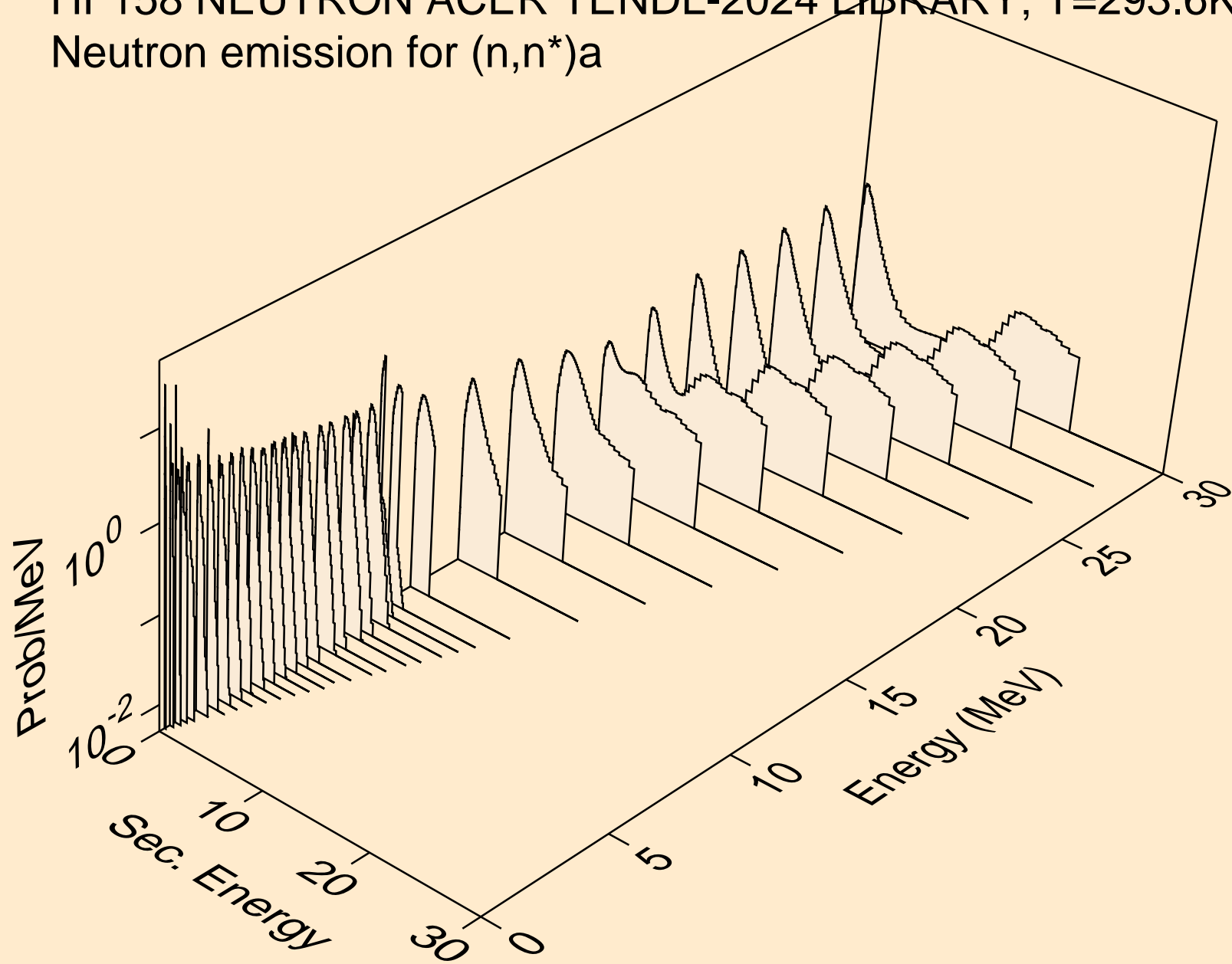
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



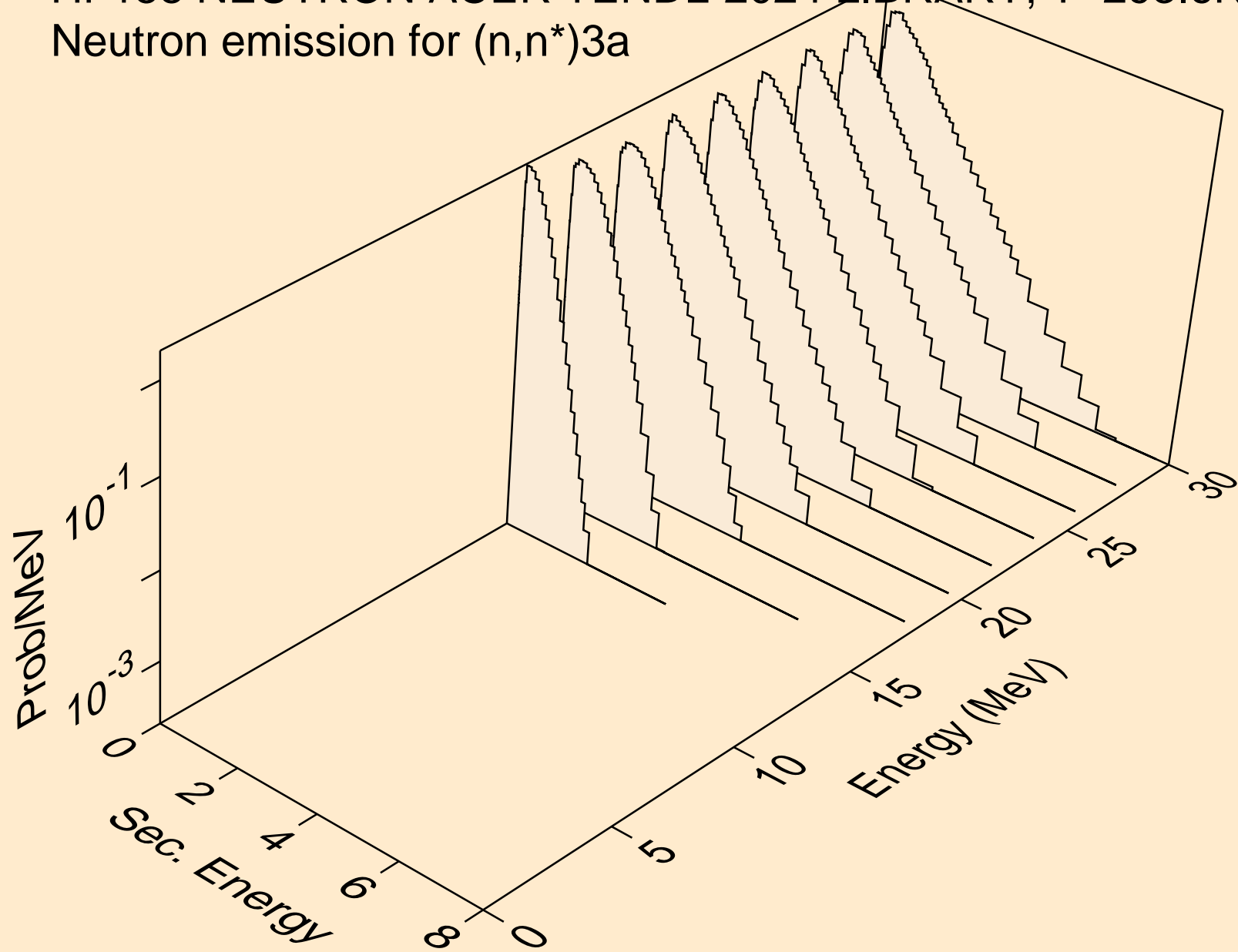
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



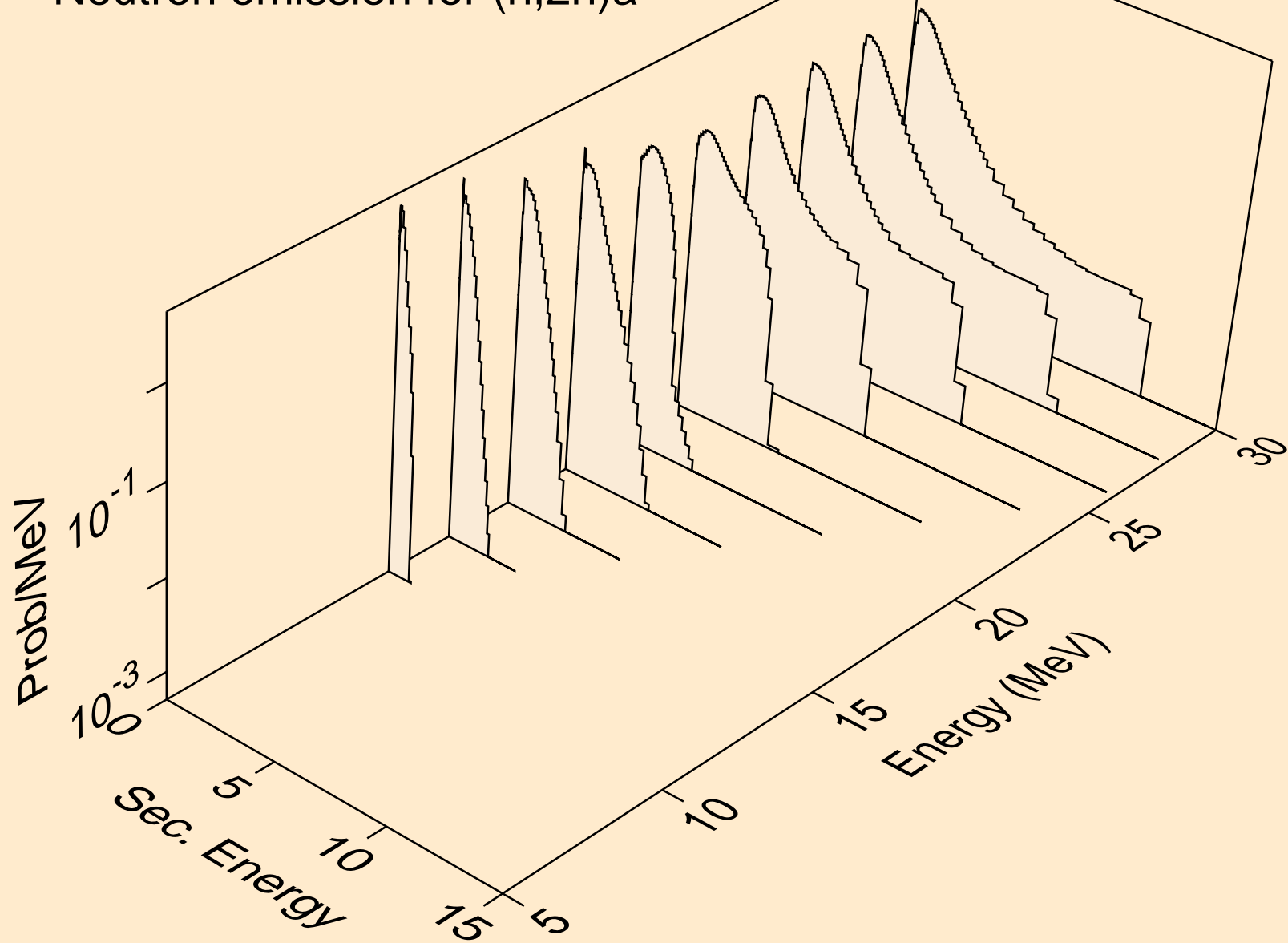
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



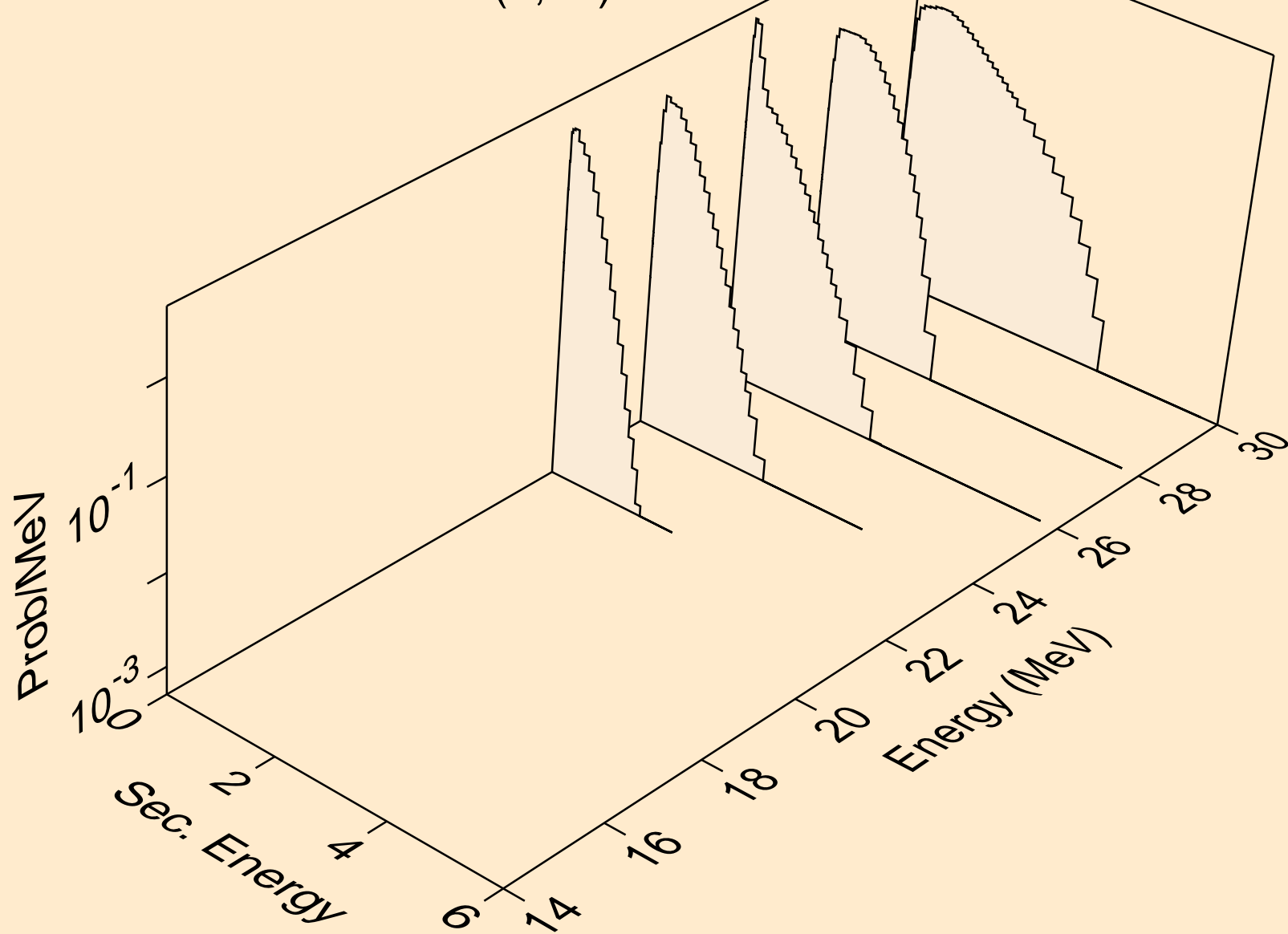
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)3a



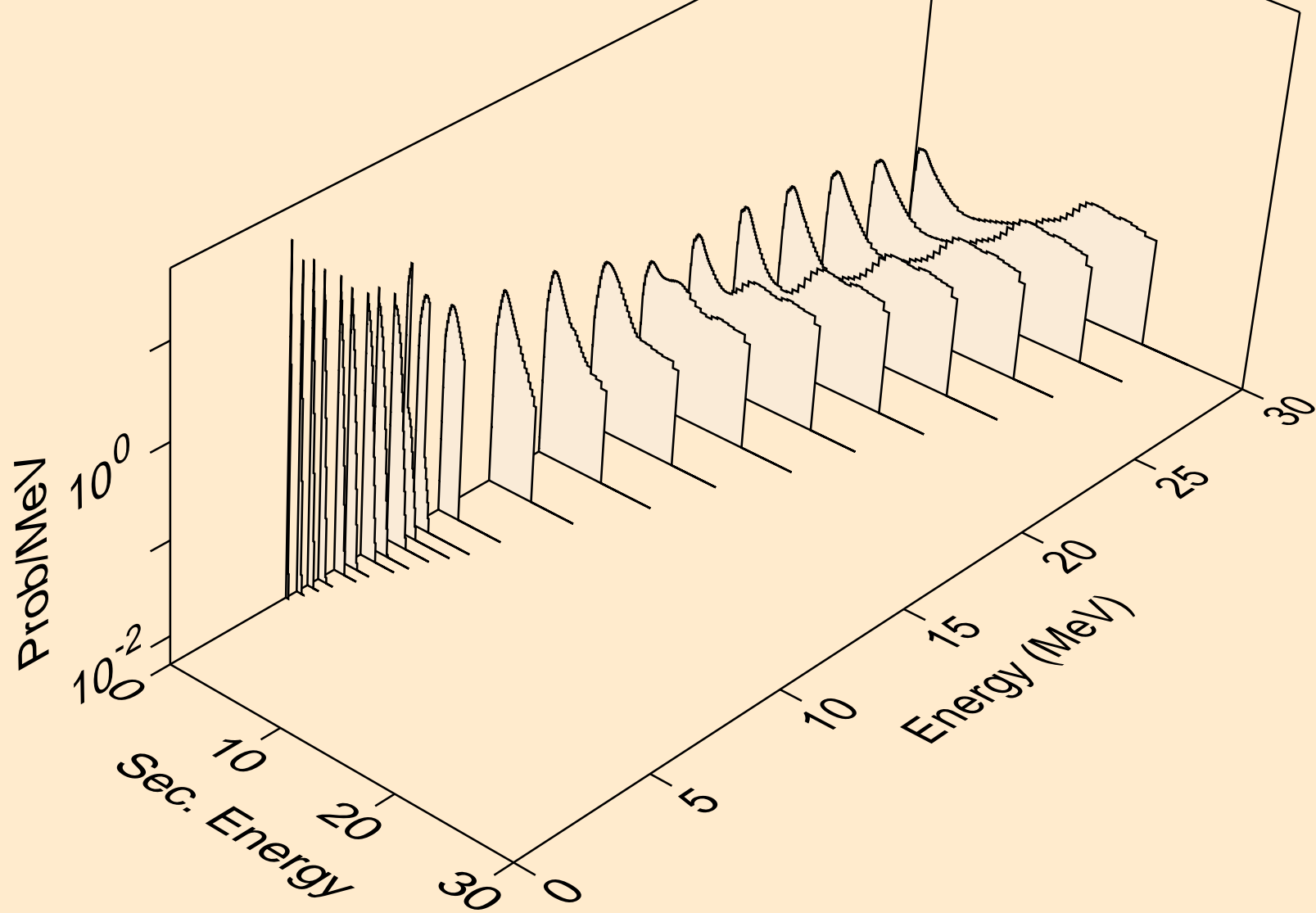
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



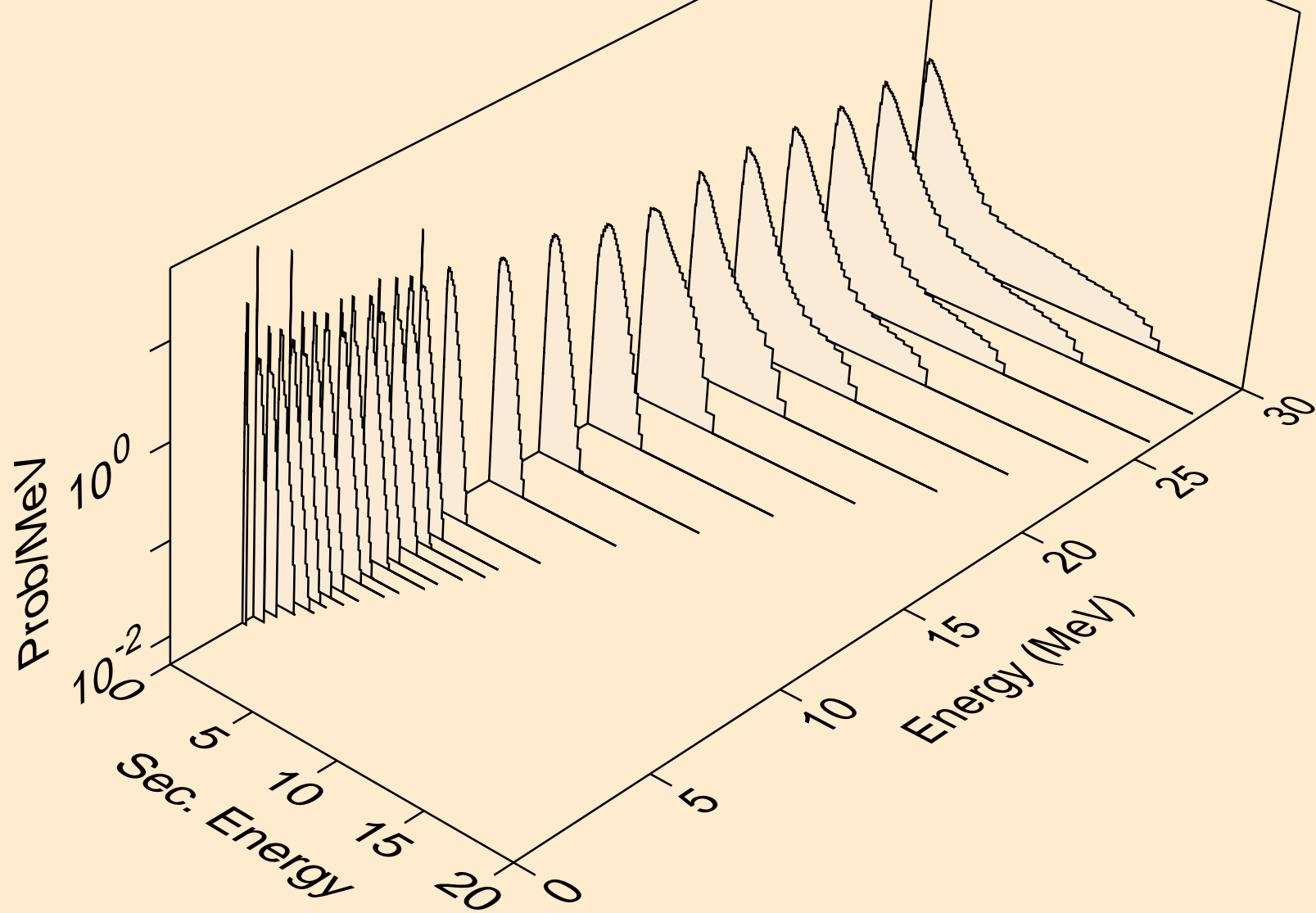
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)_a



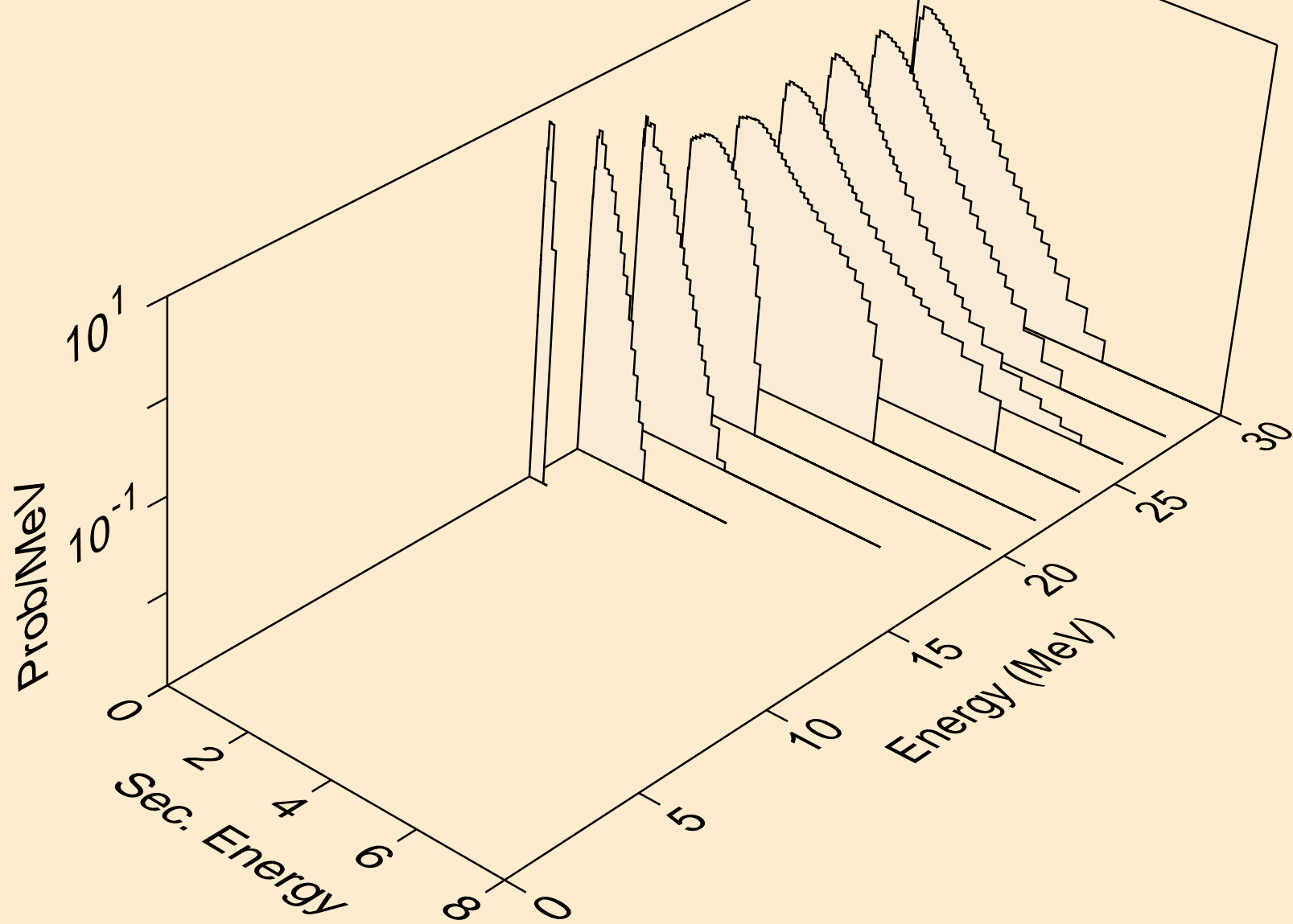
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



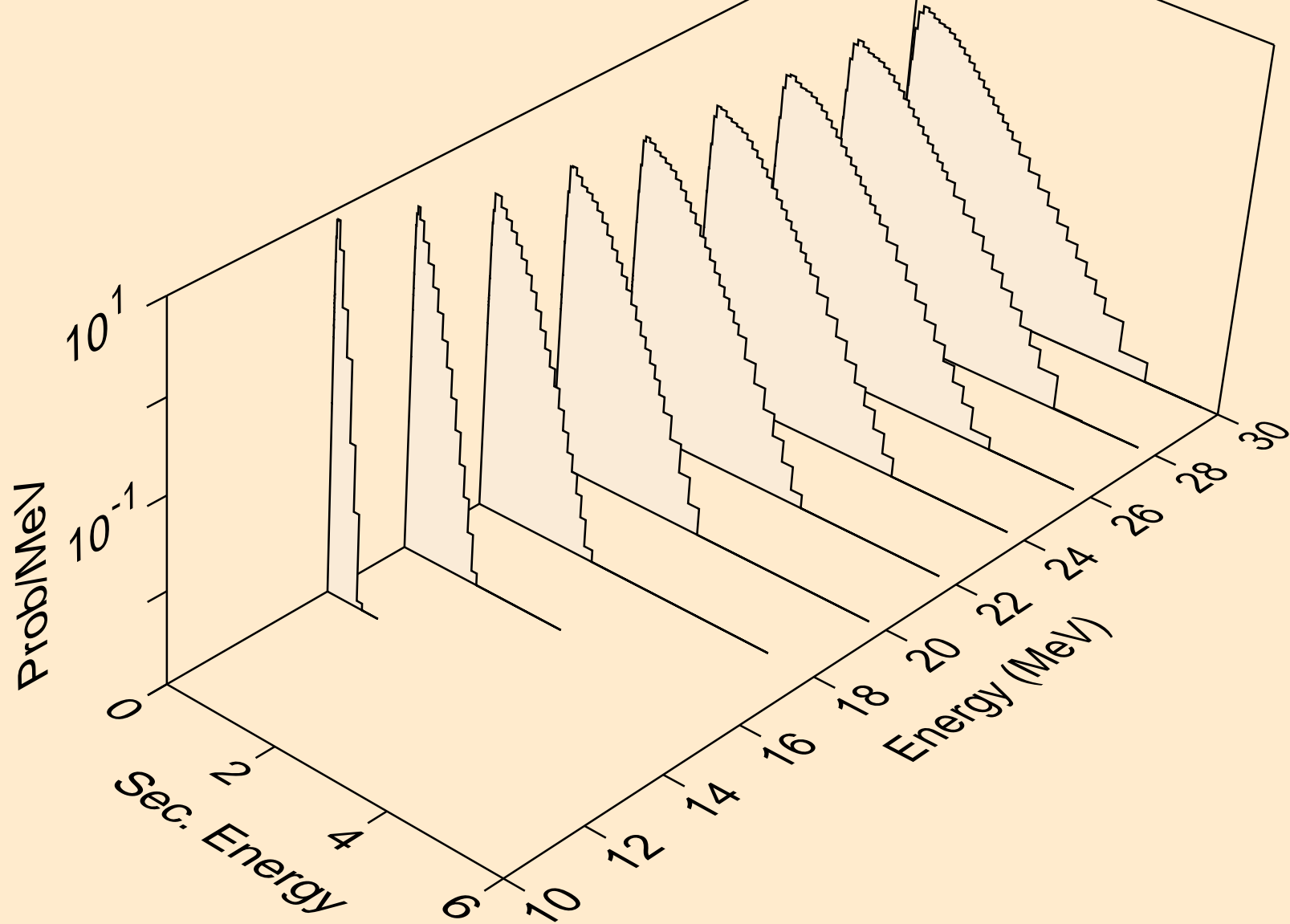
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



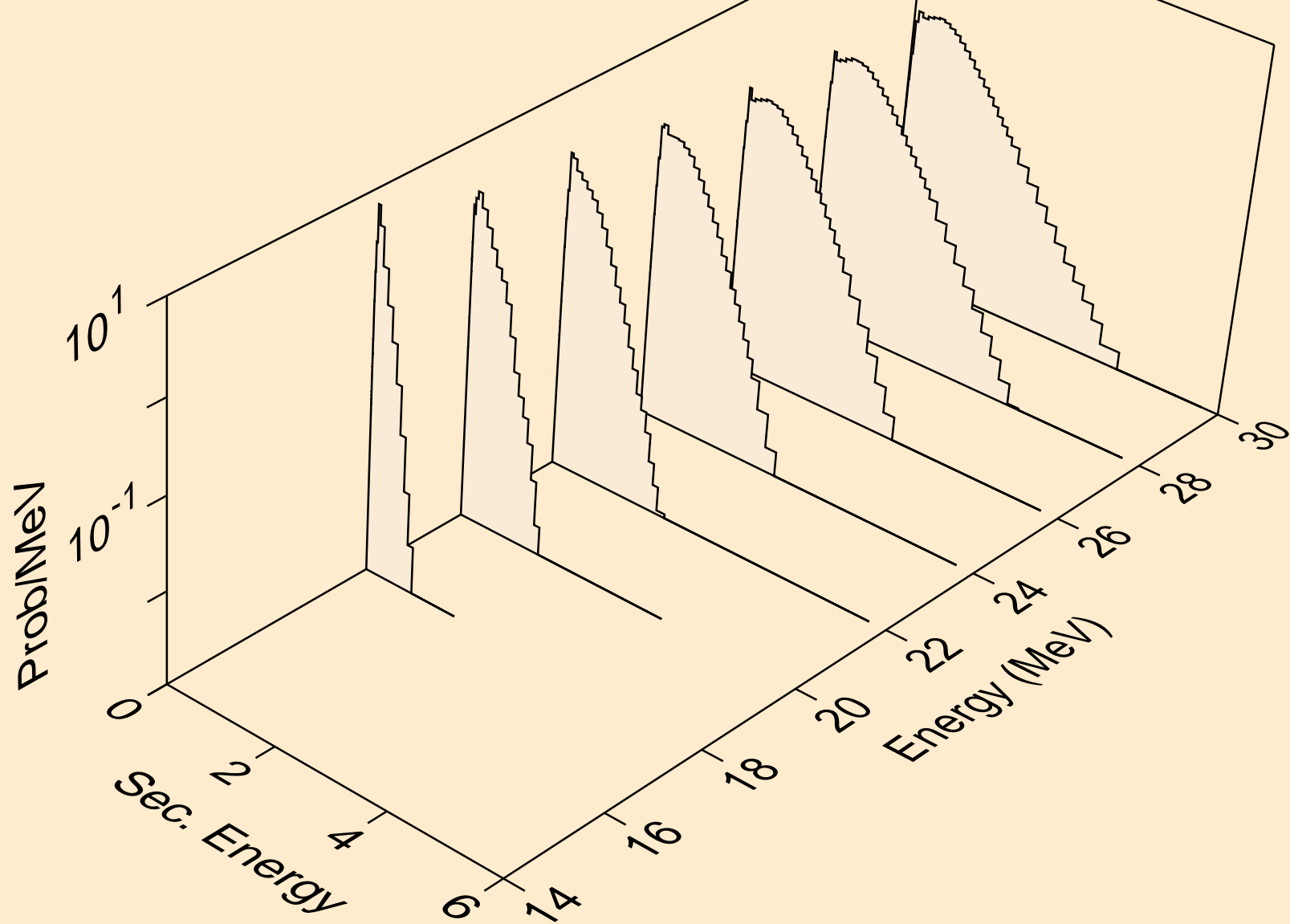
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



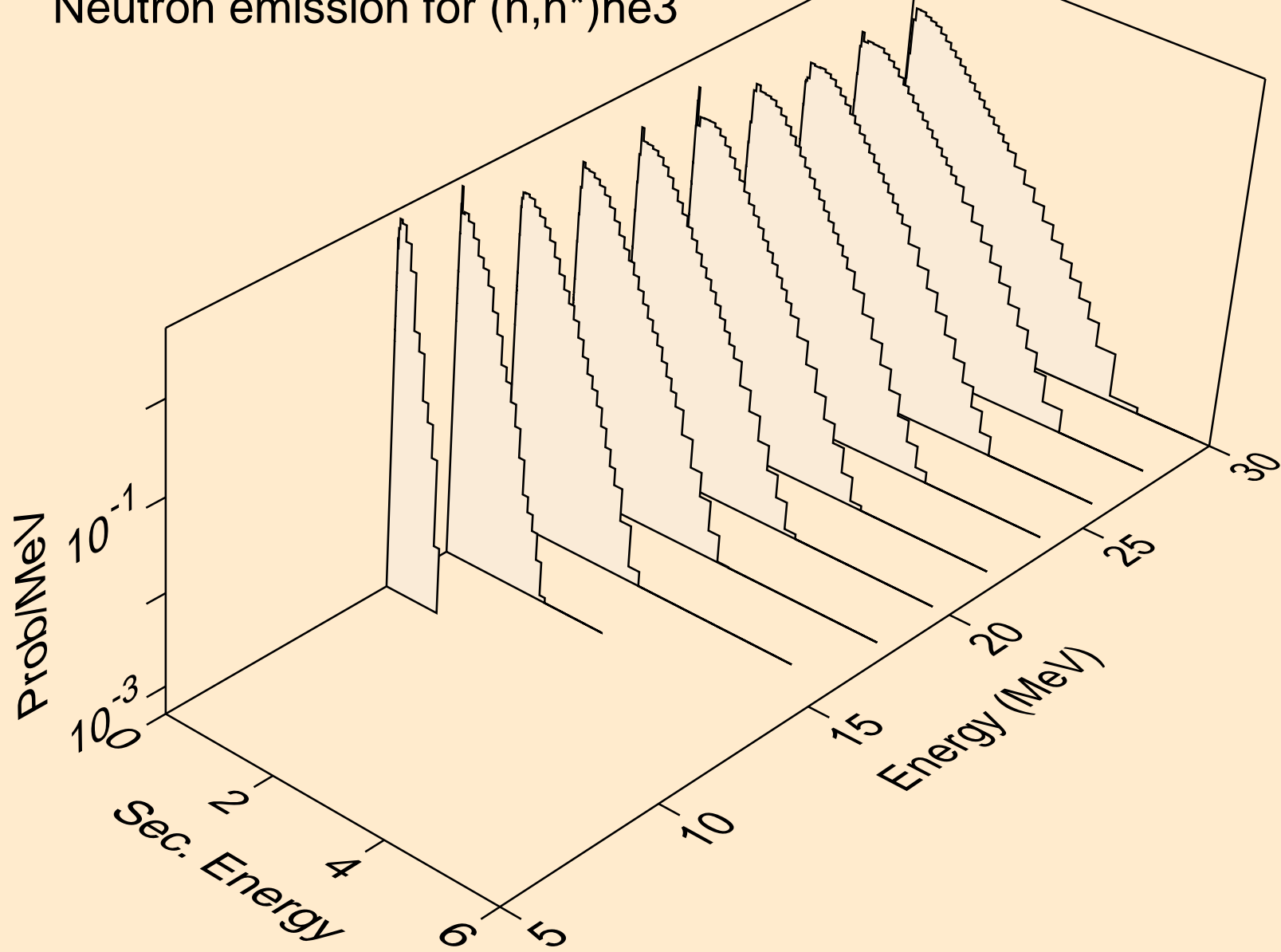
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



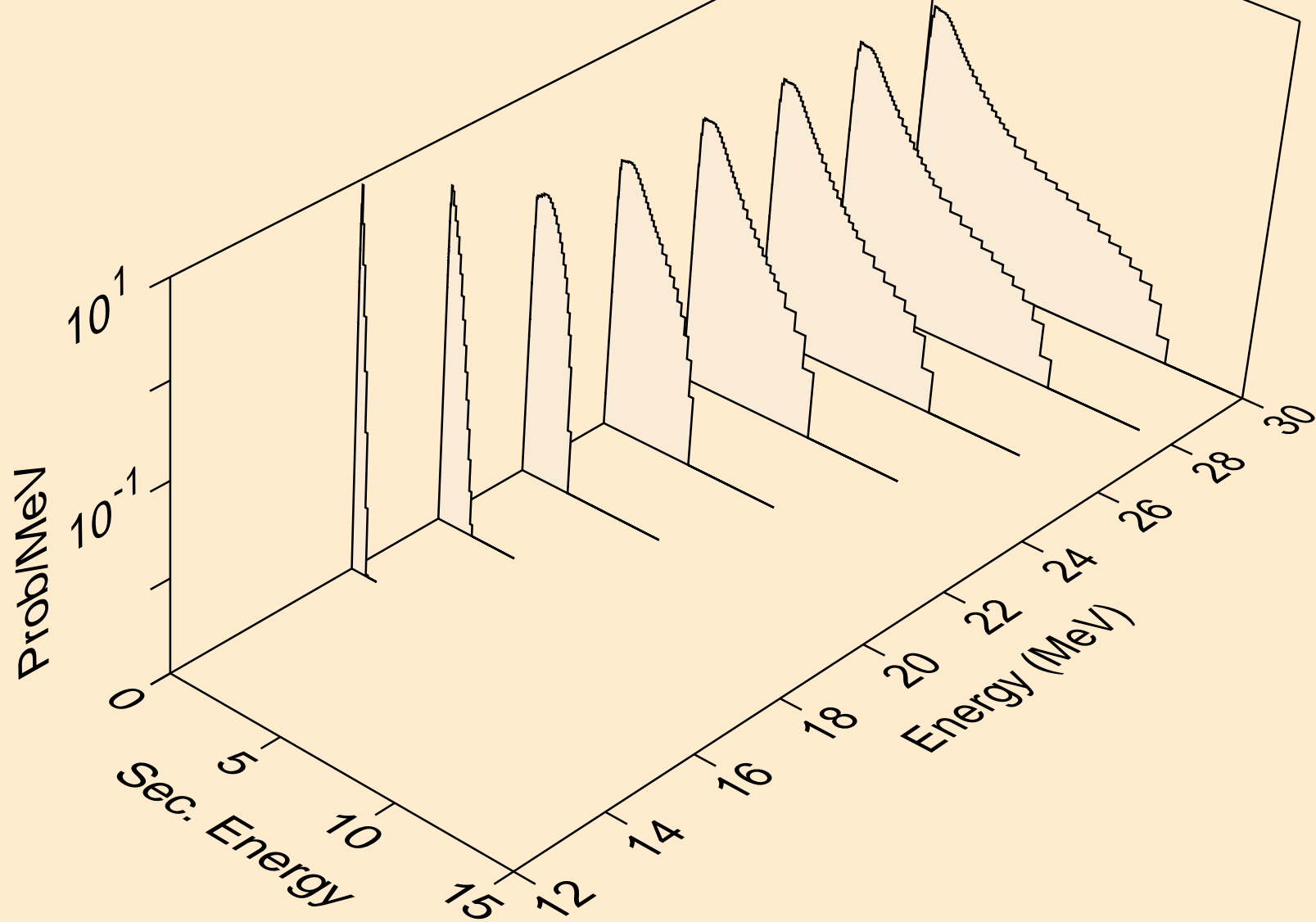
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



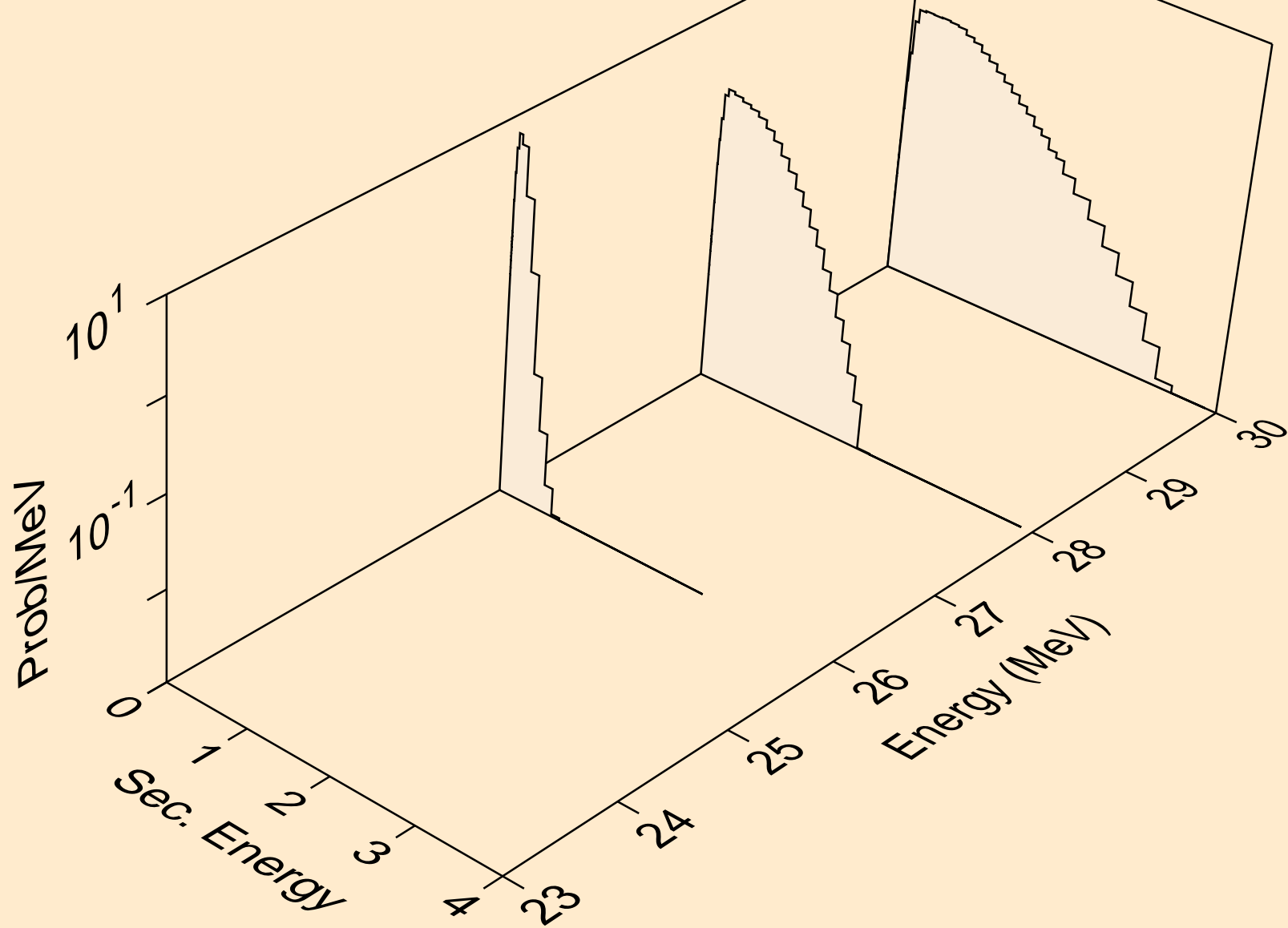
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



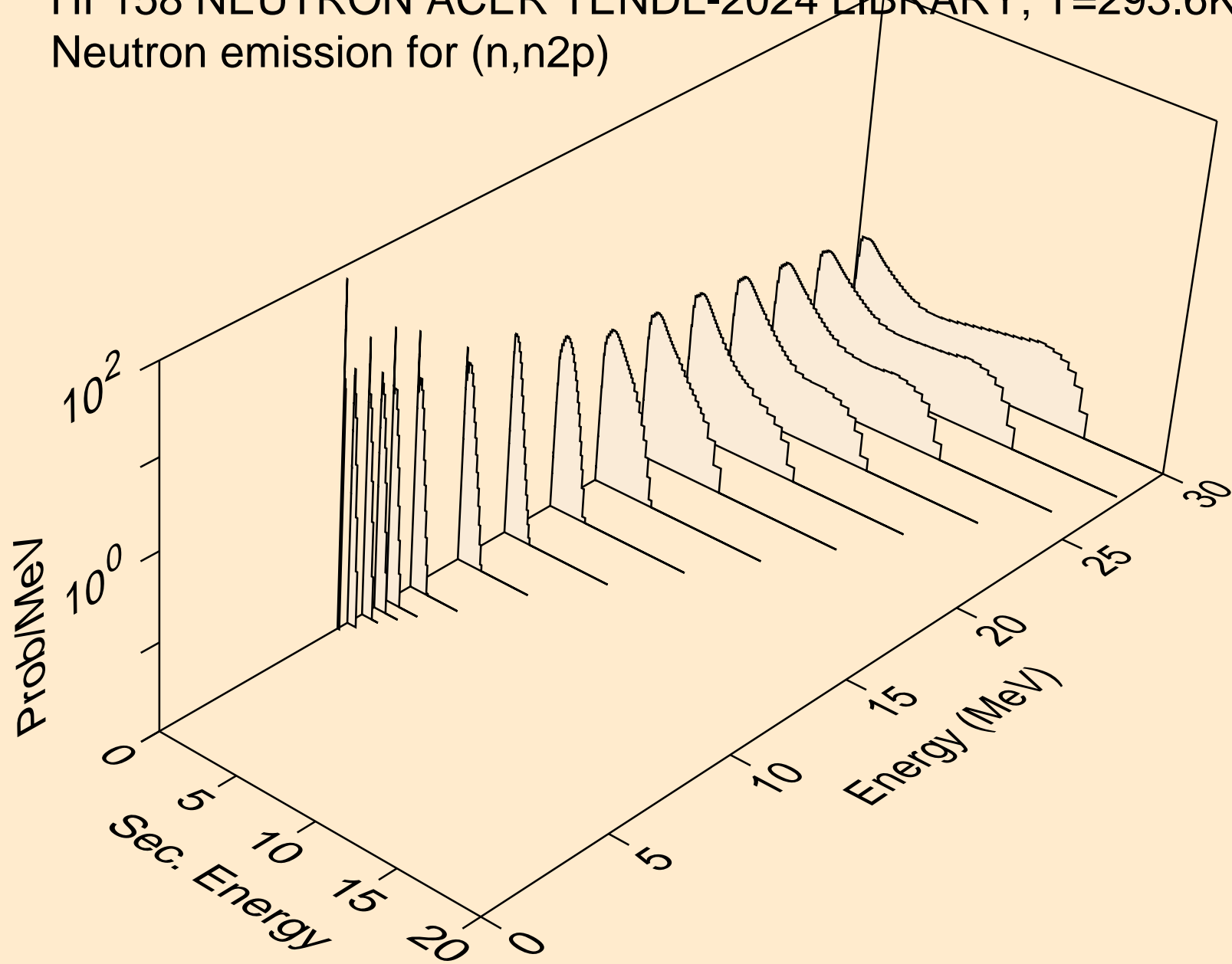
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



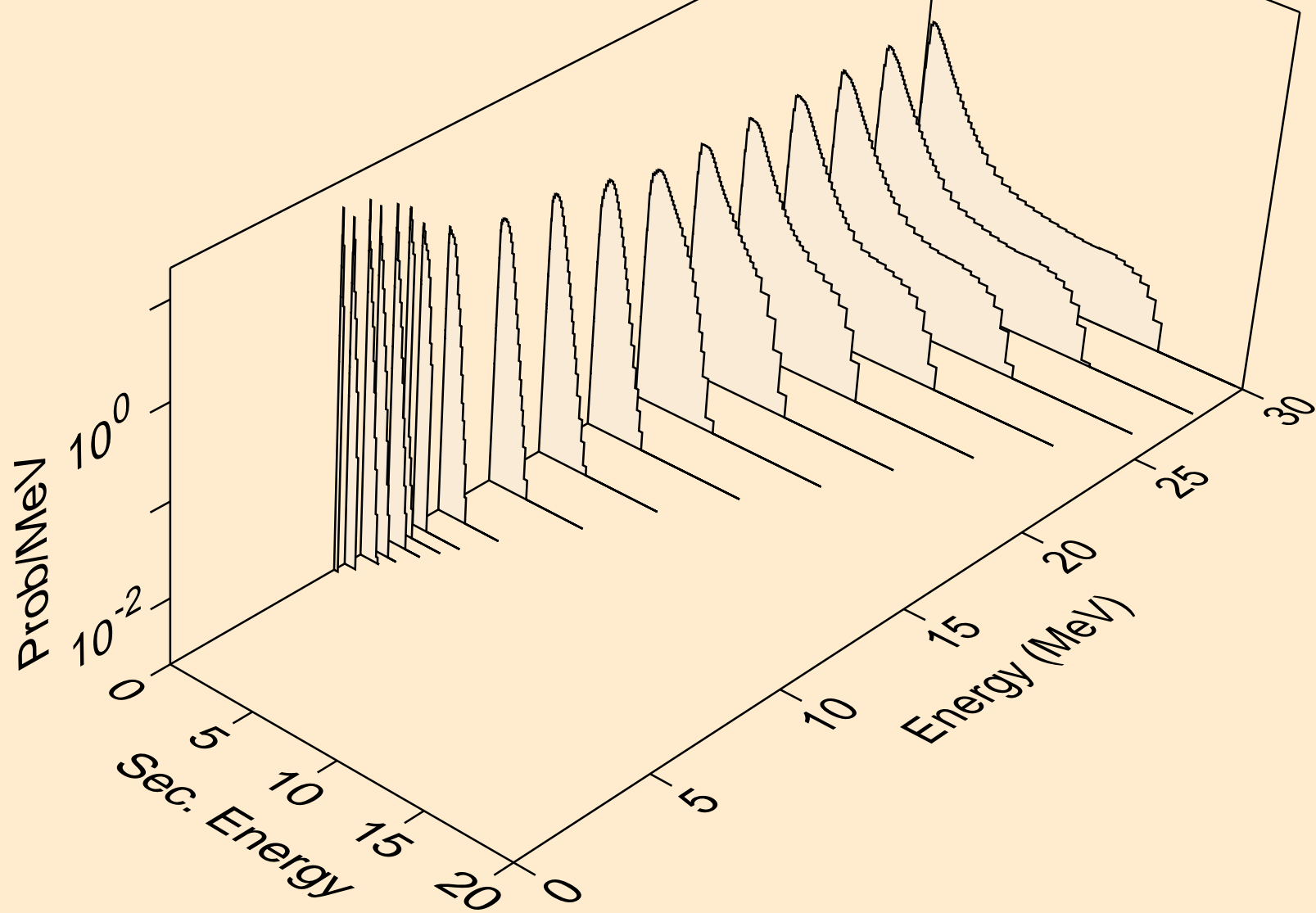
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



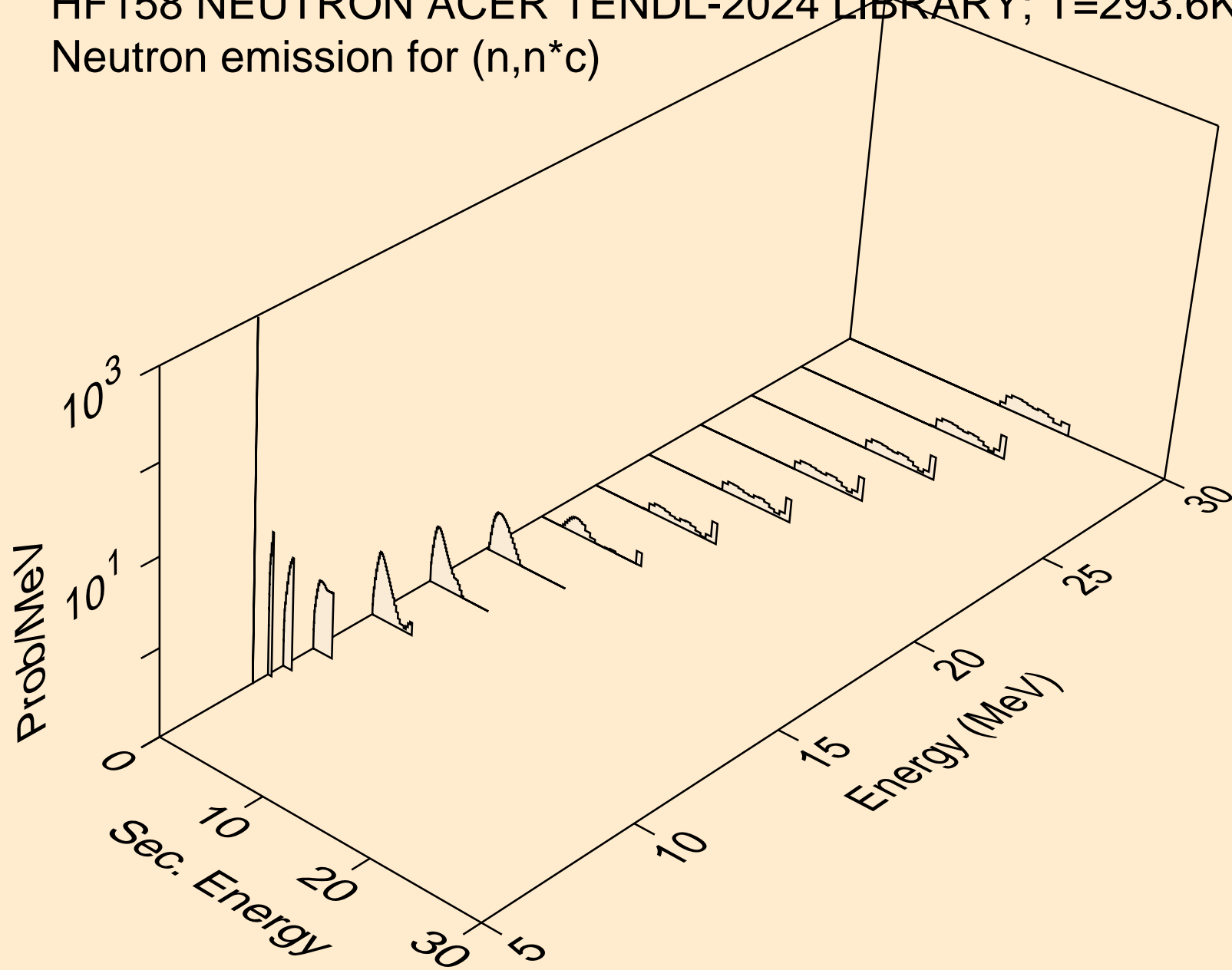
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



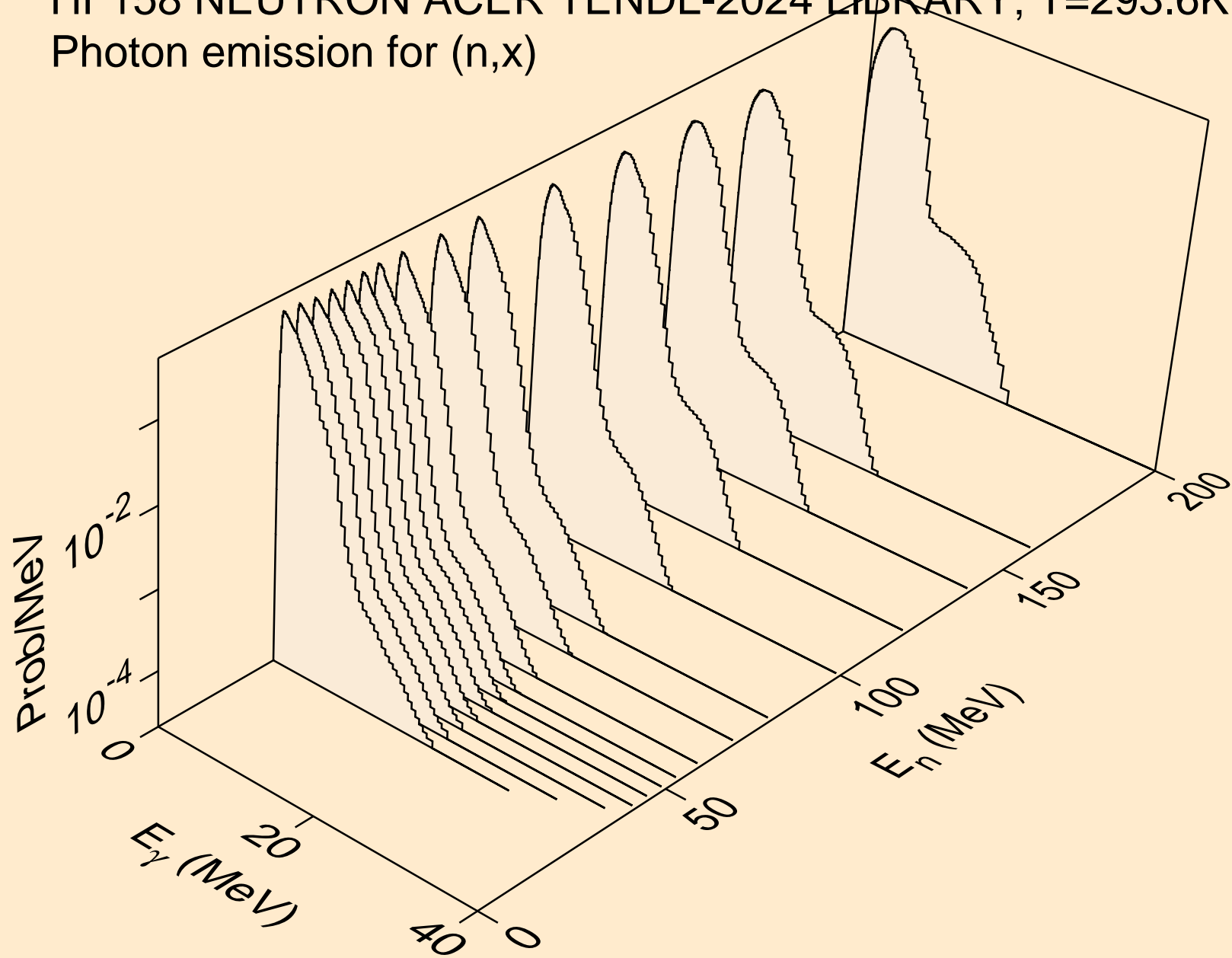
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



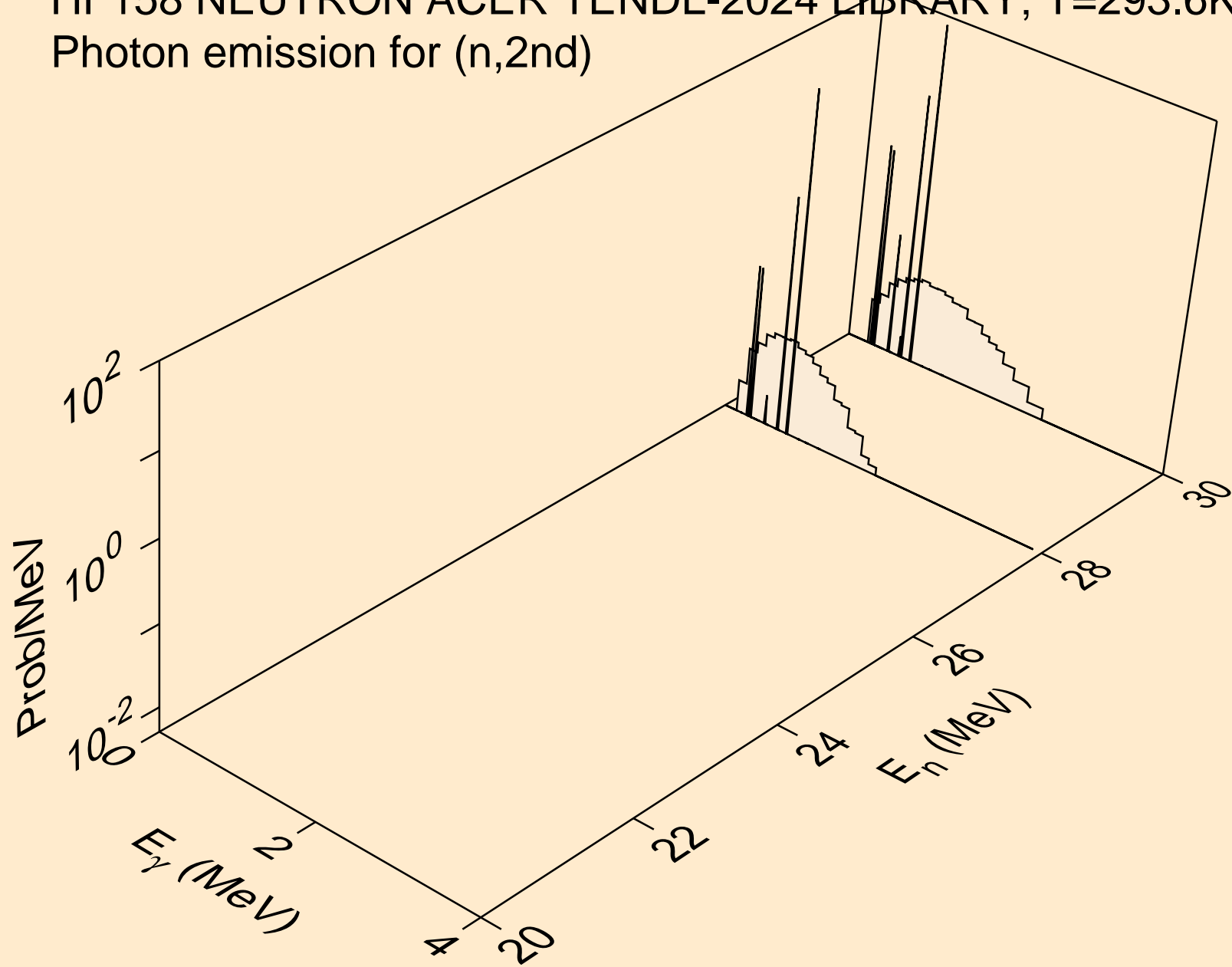
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



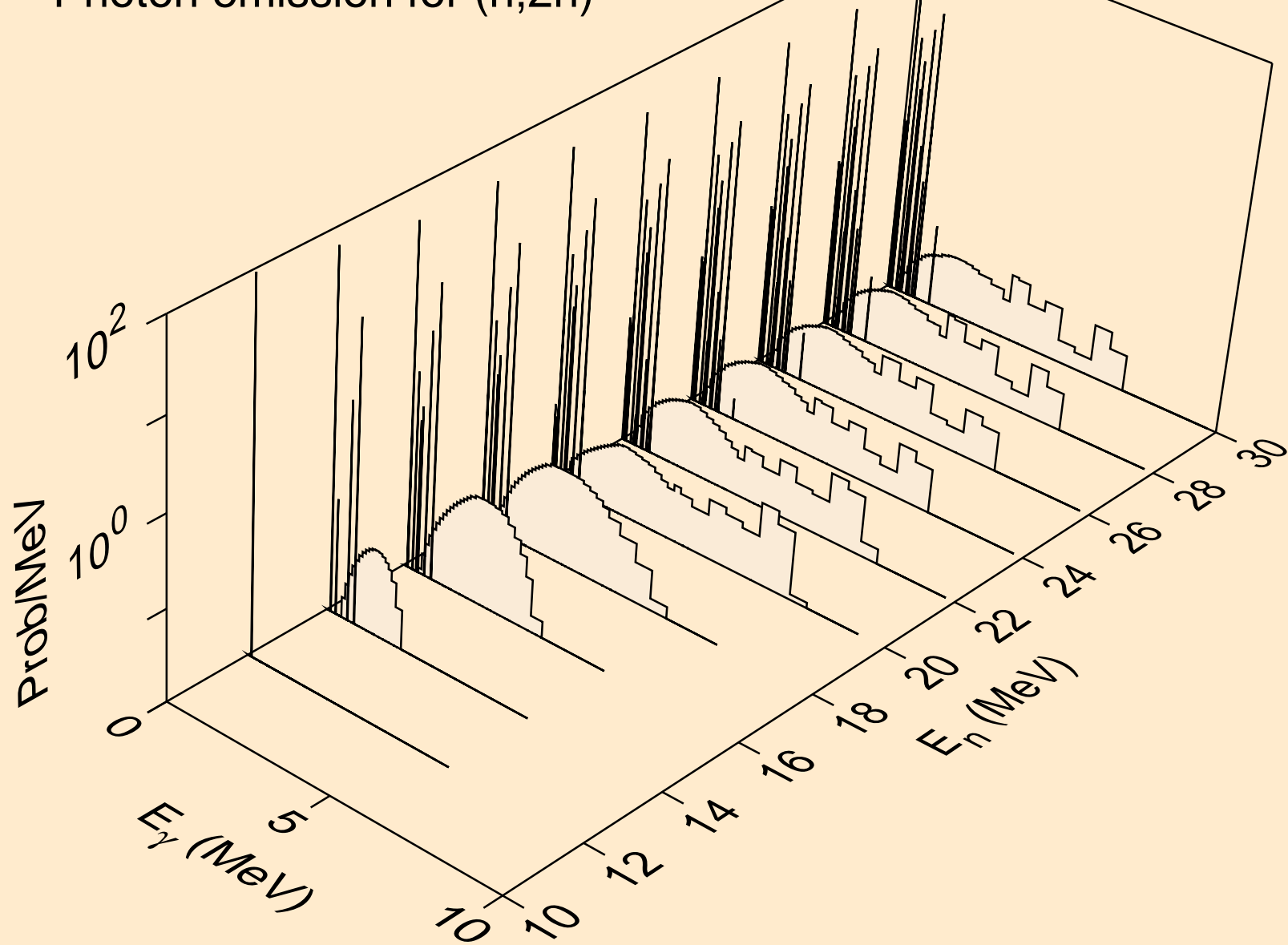
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



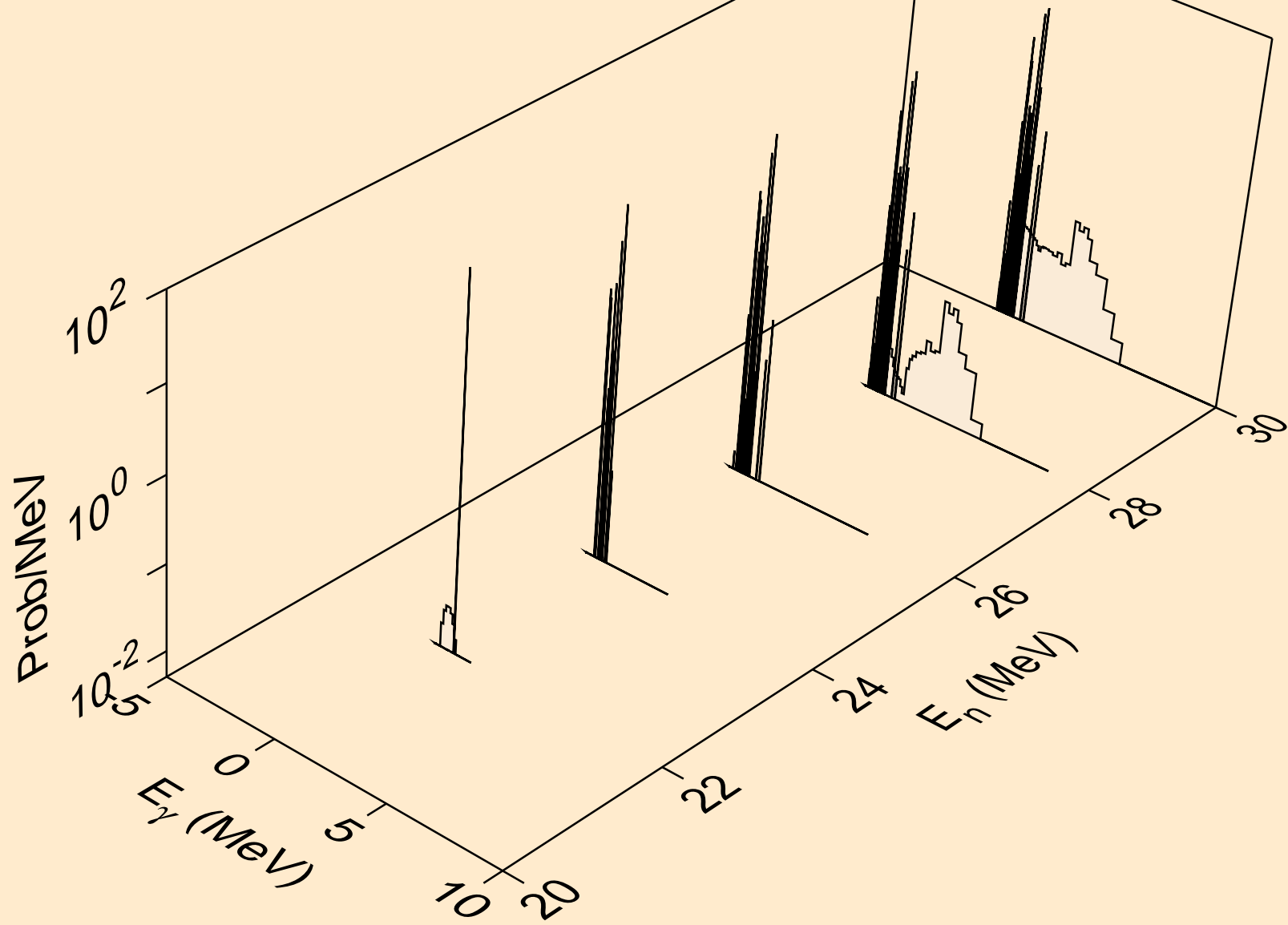
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



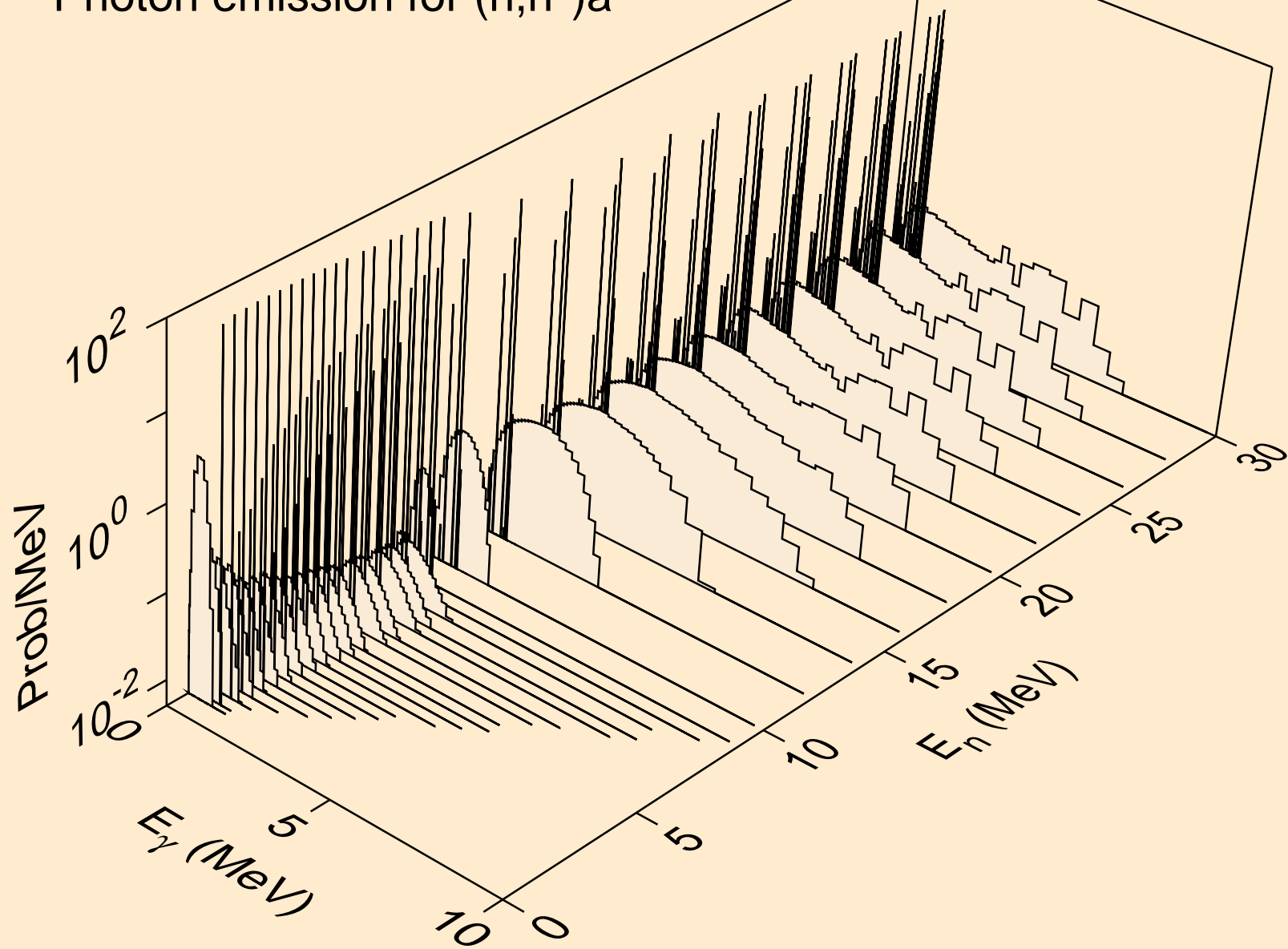
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



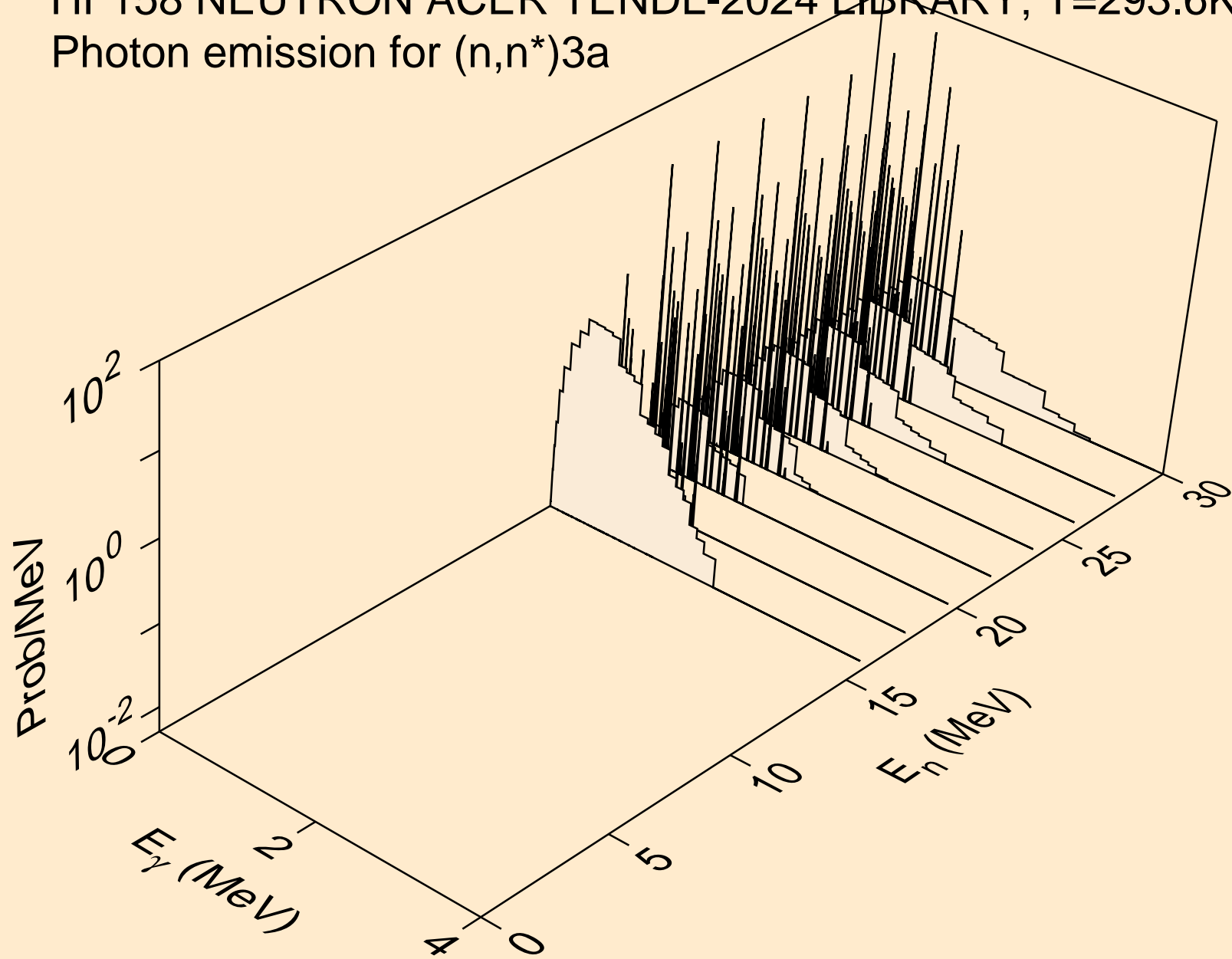
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



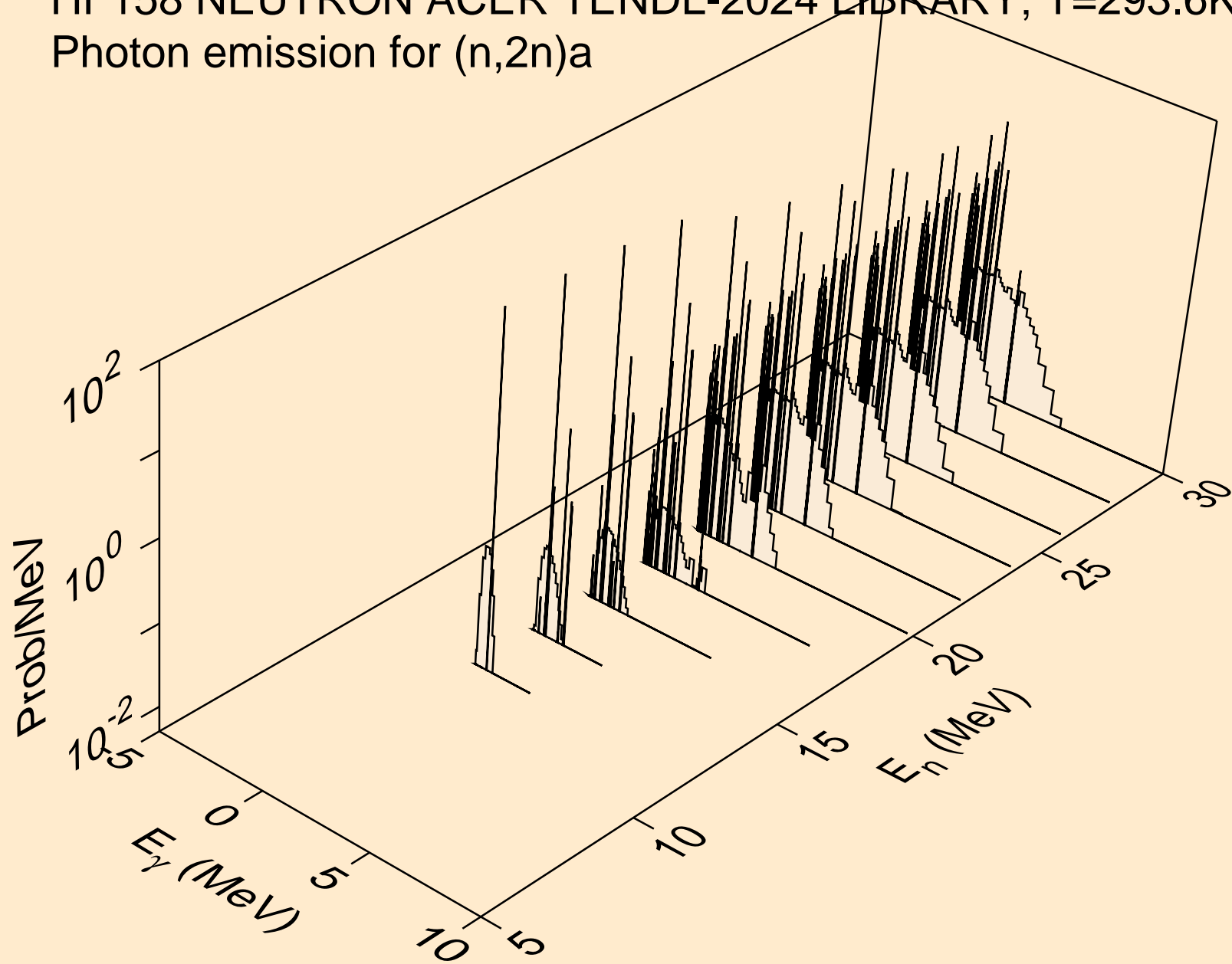
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



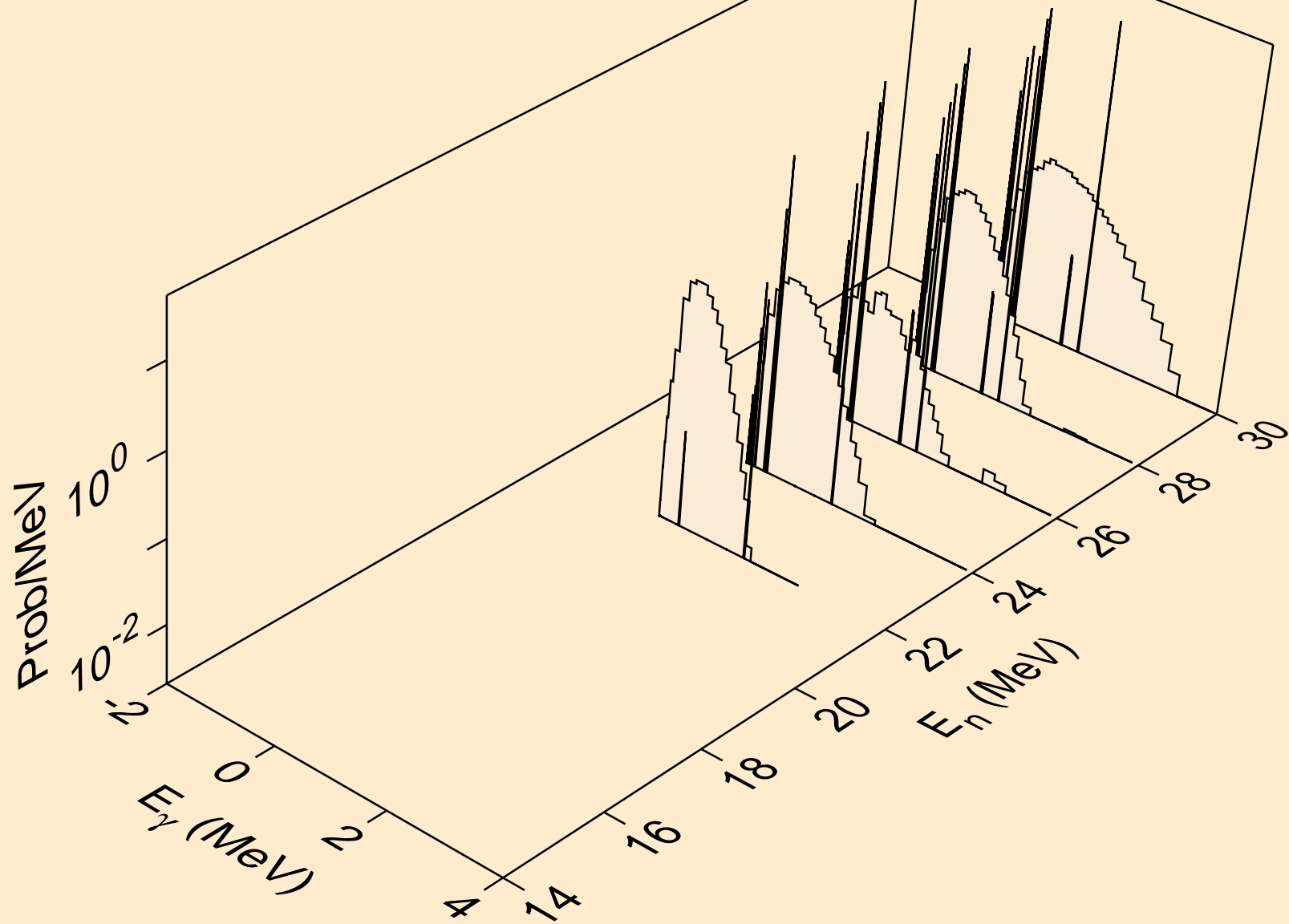
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)3a



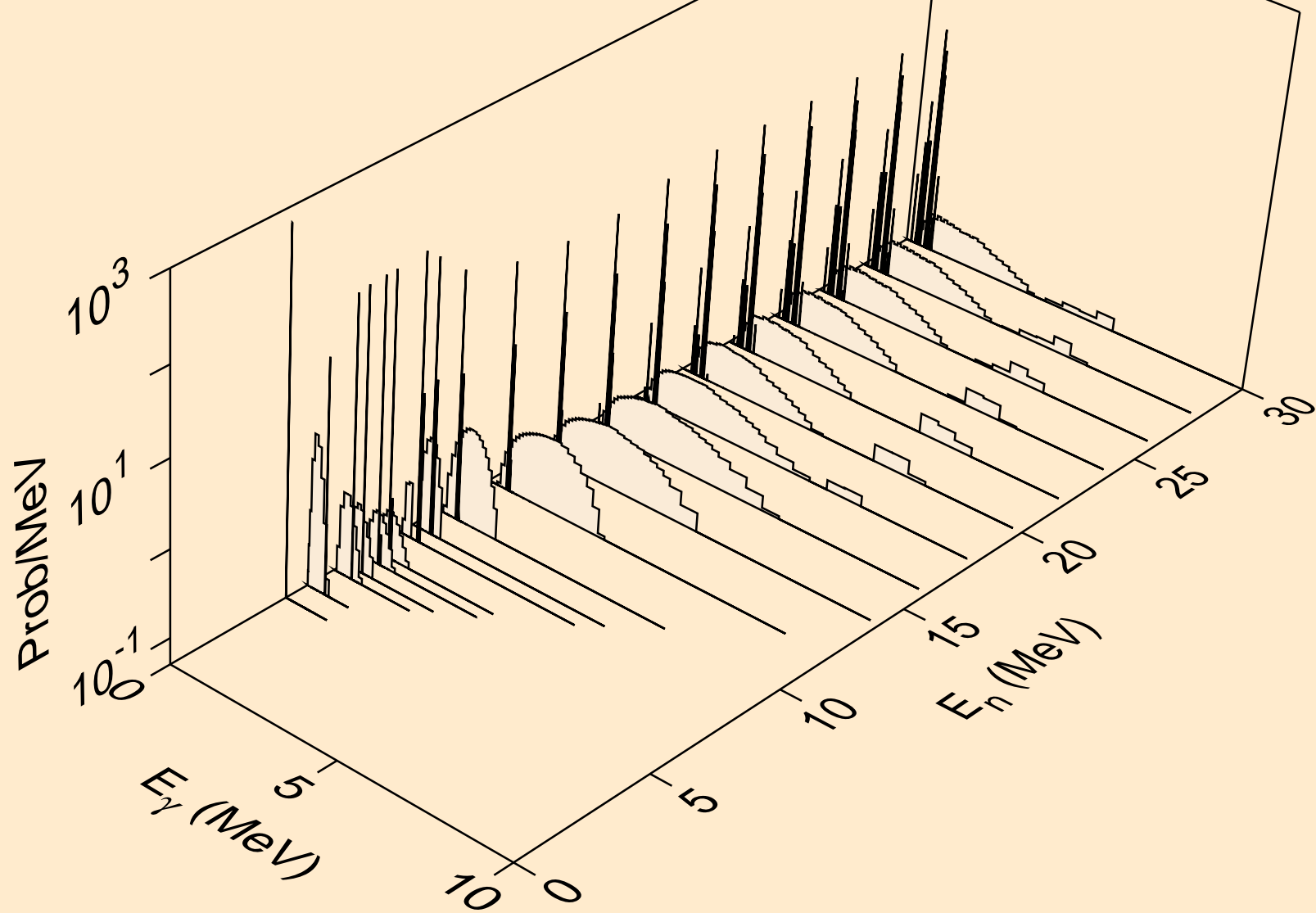
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



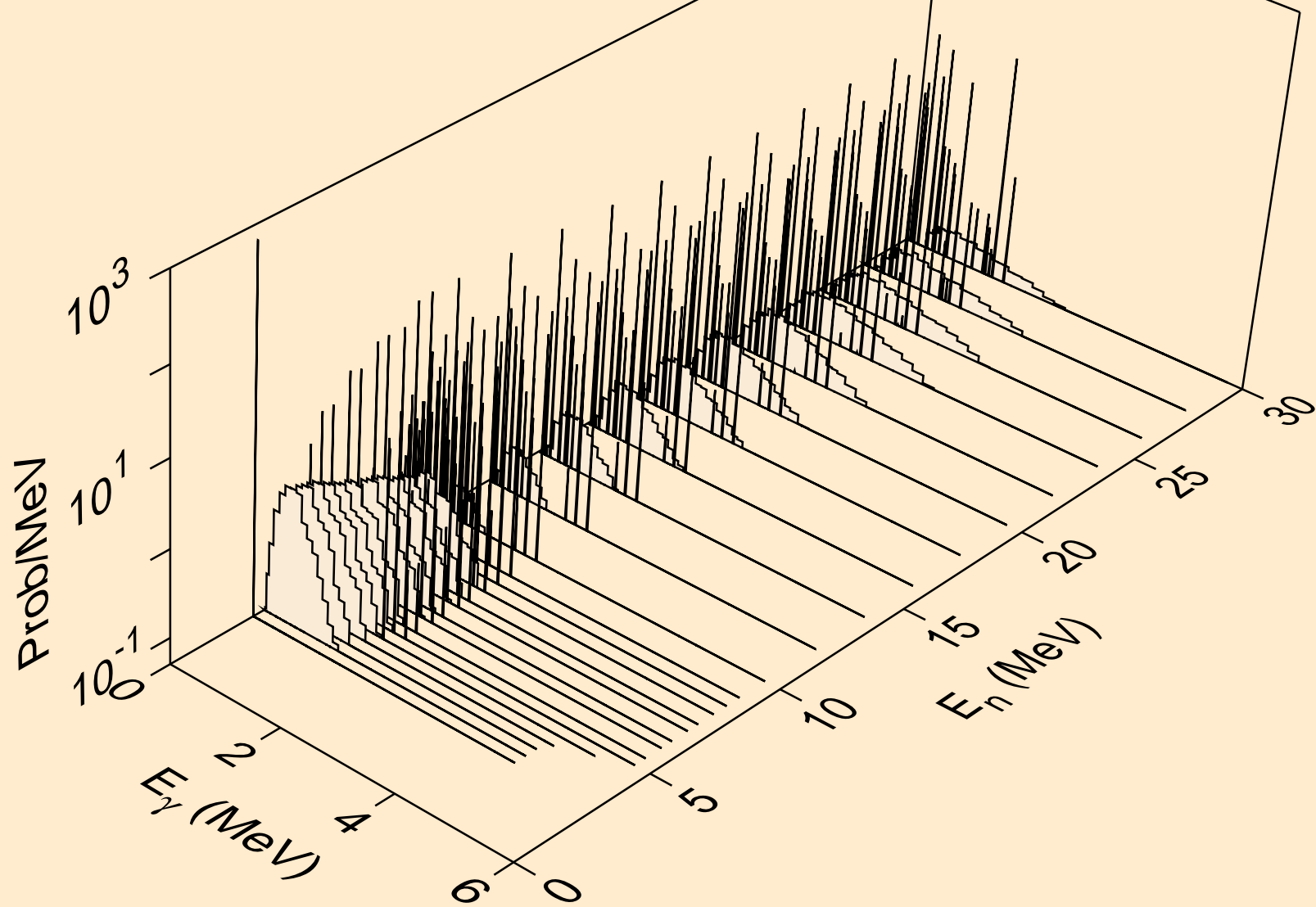
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



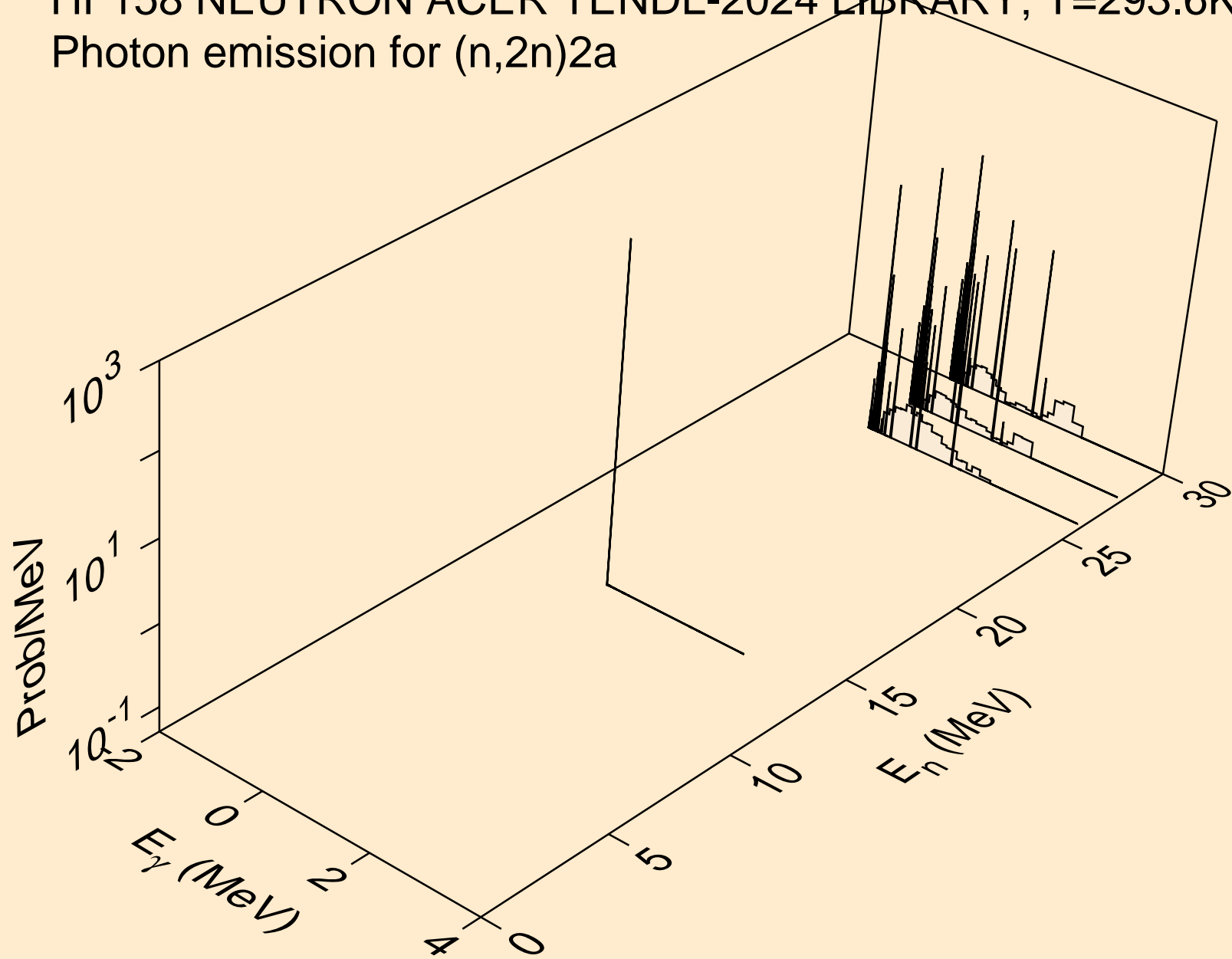
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



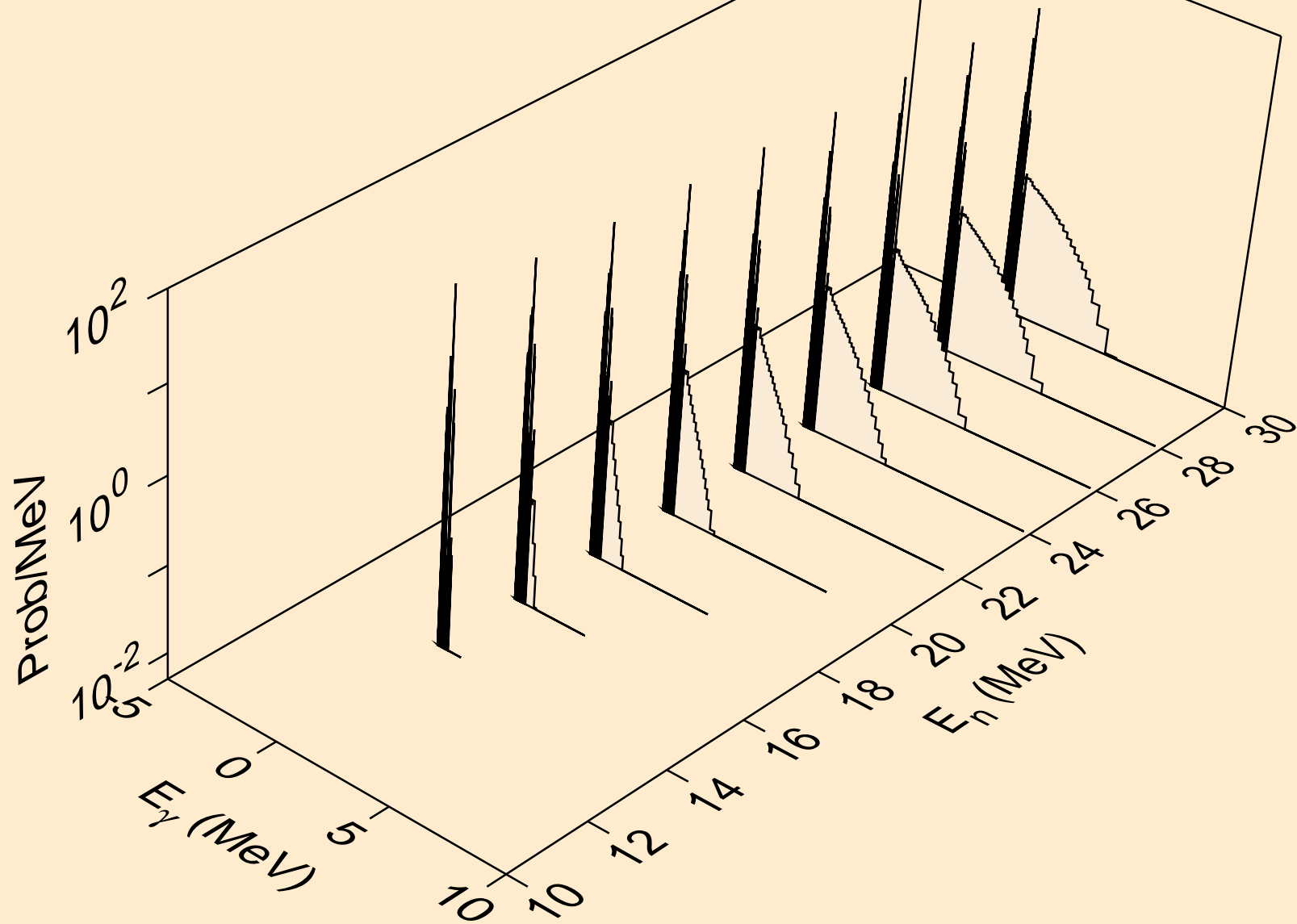
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



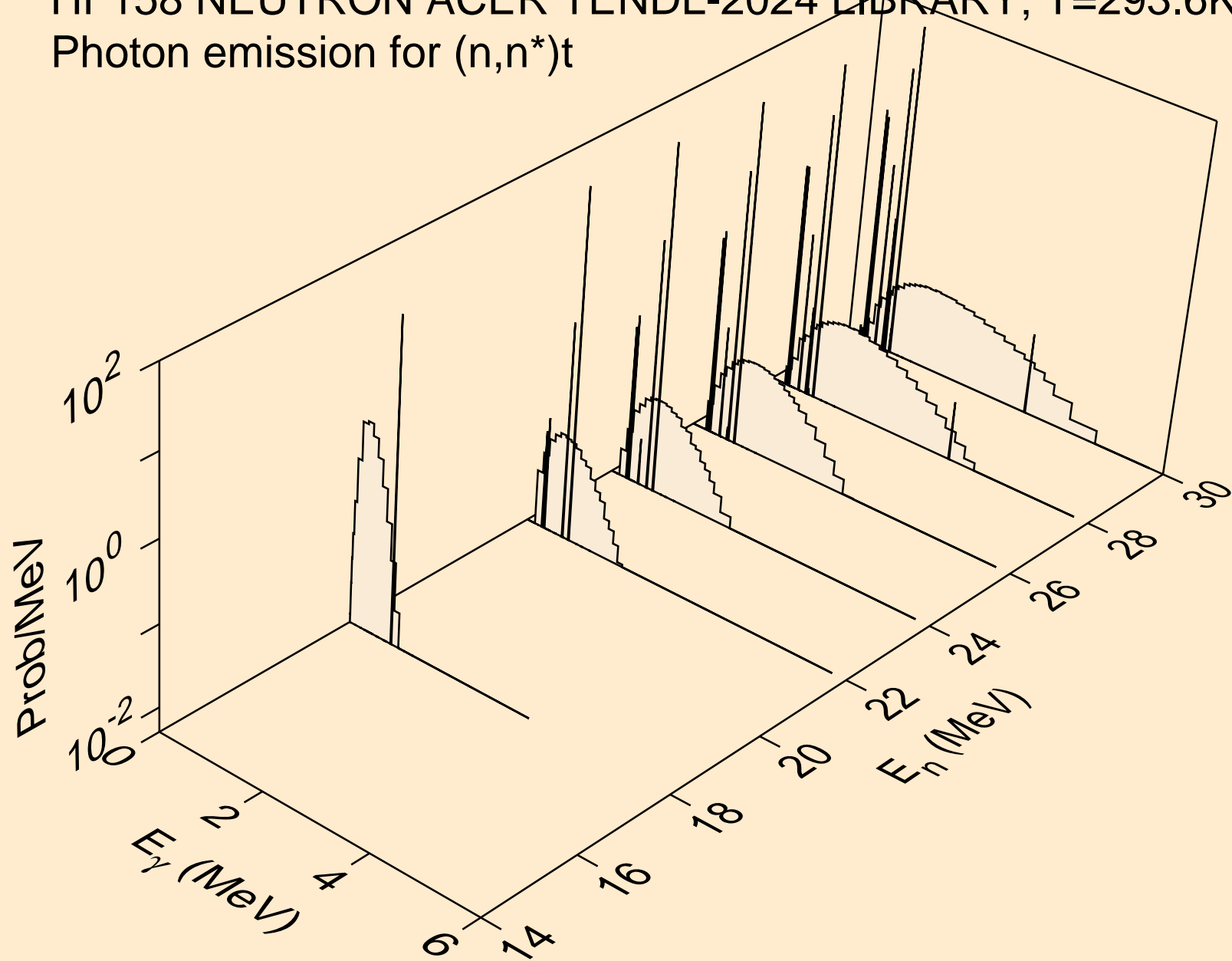
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



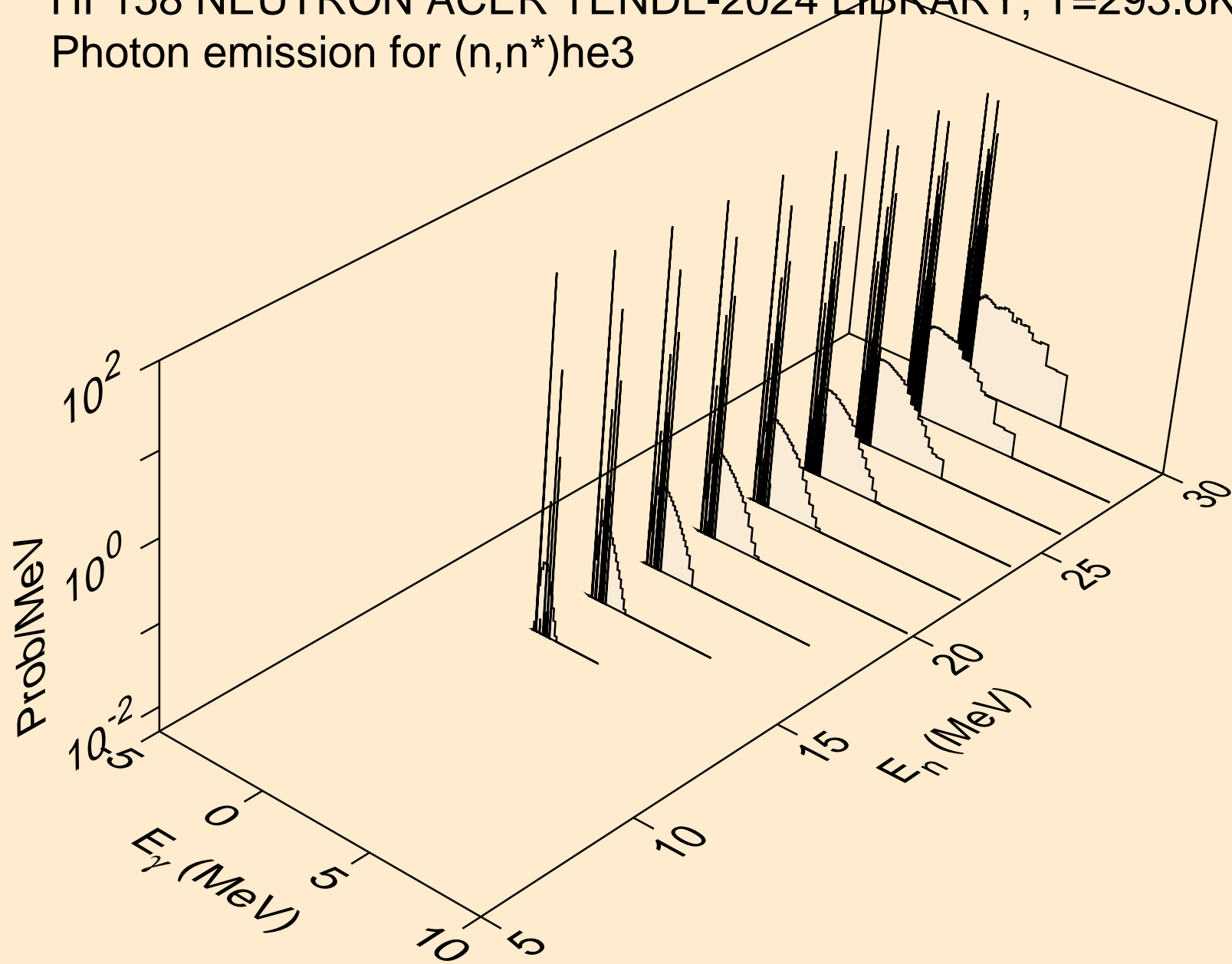
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



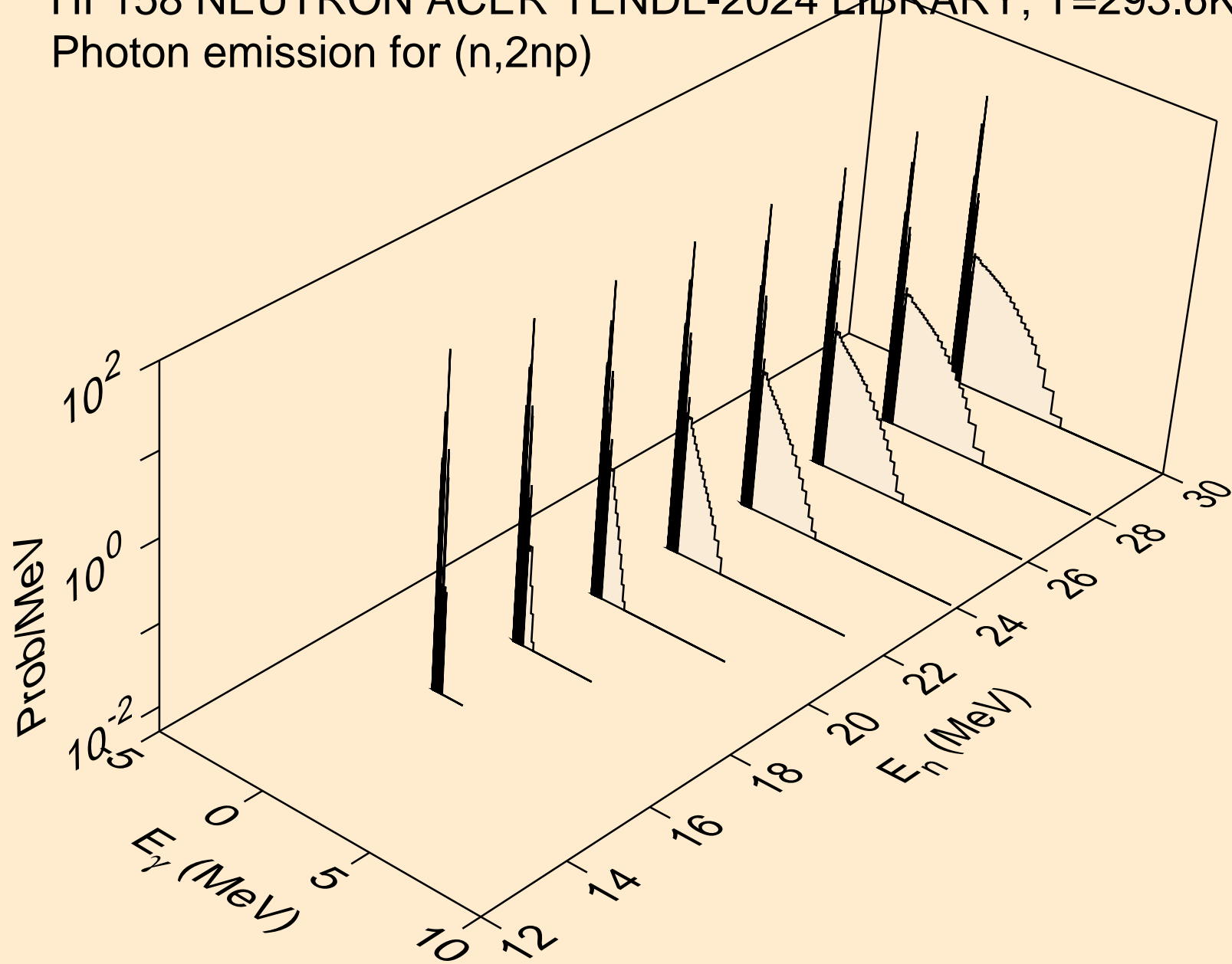
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



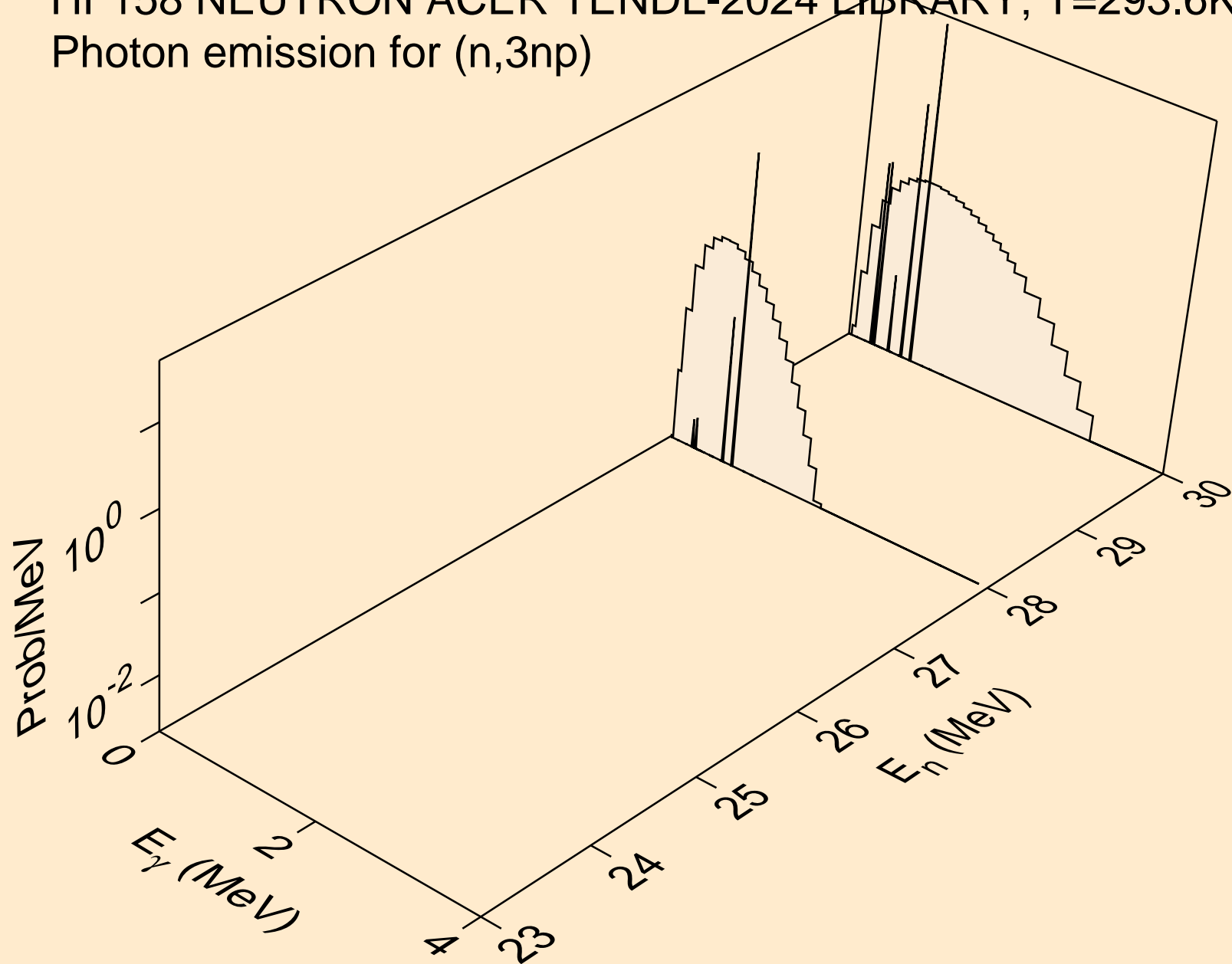
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



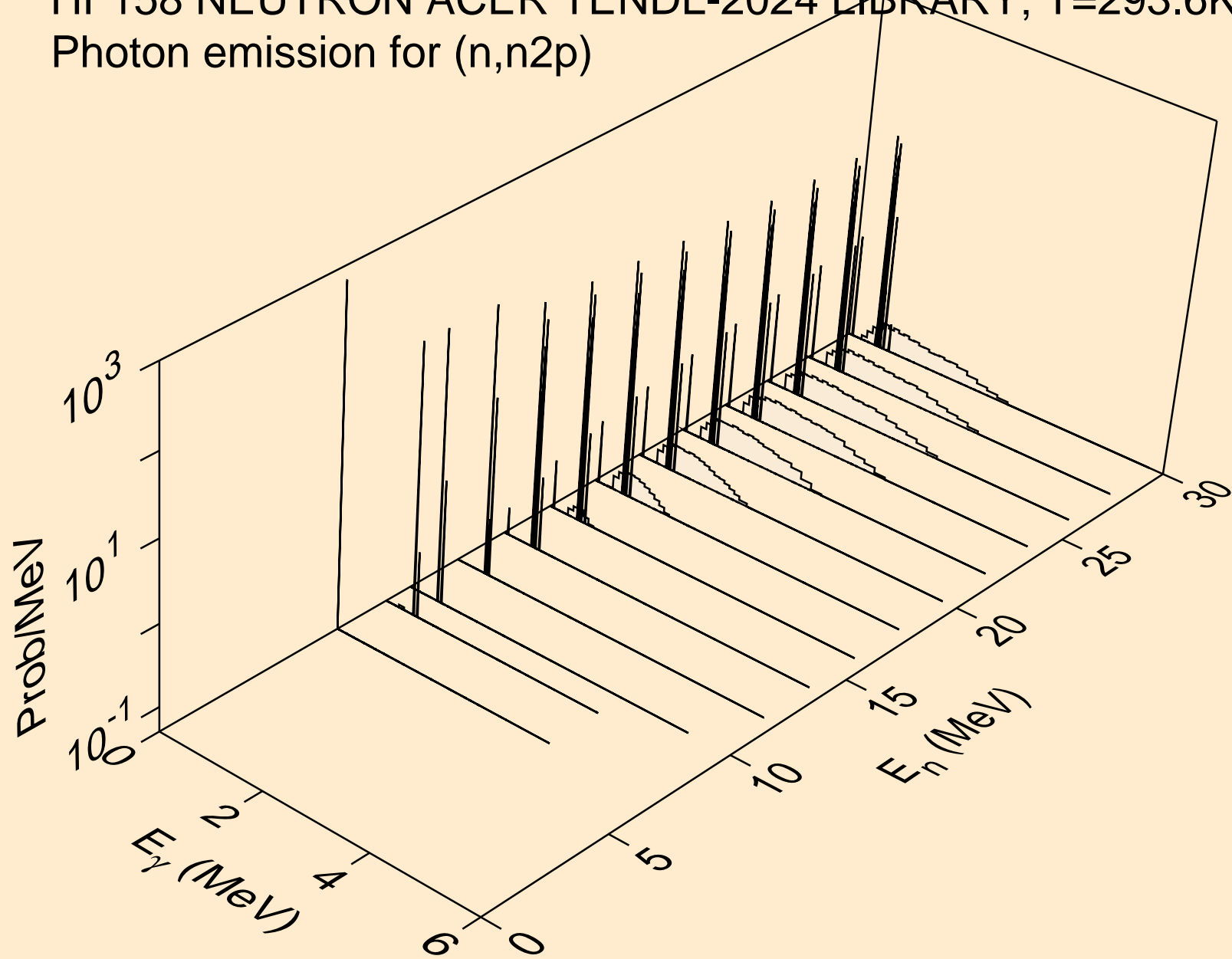
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



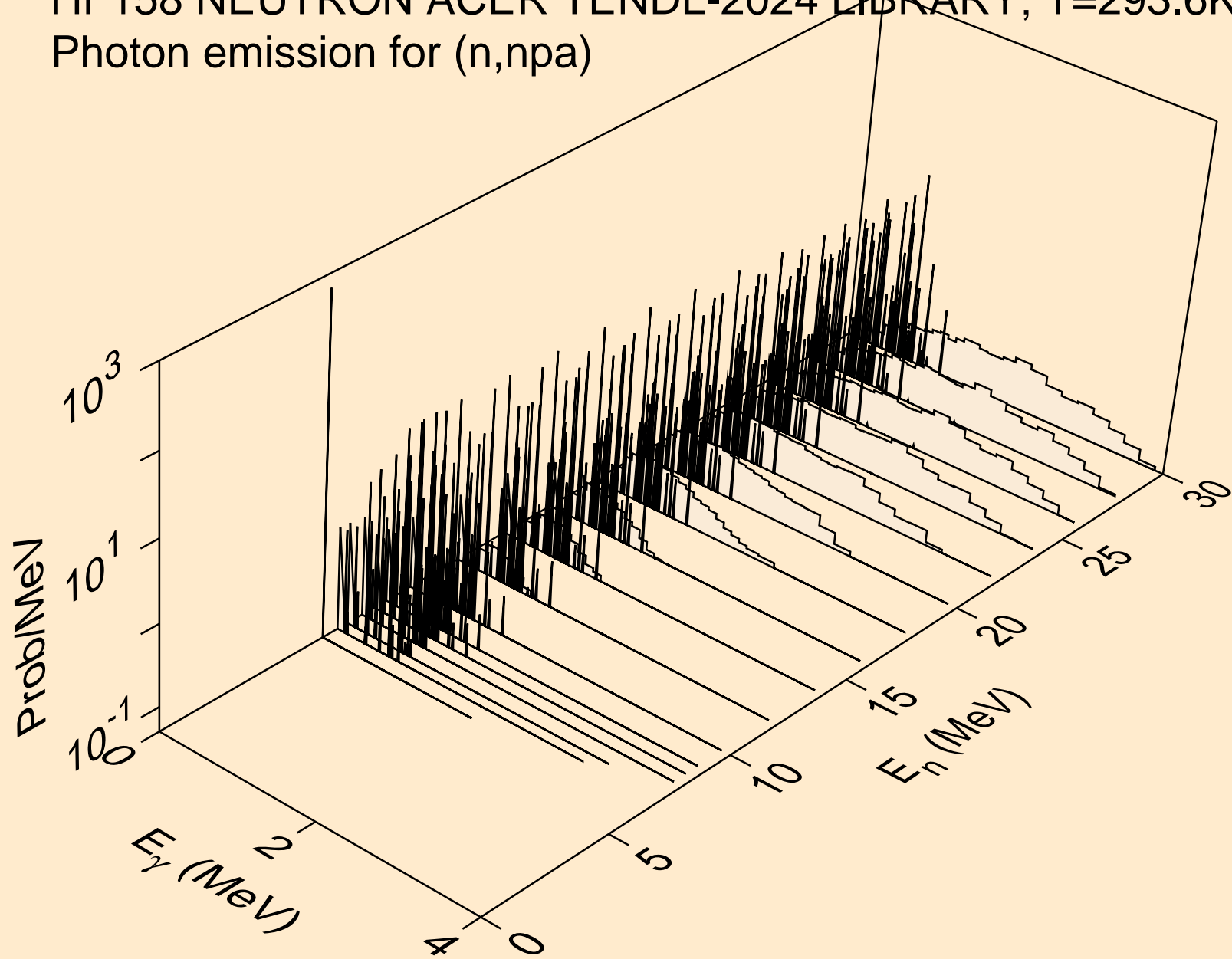
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



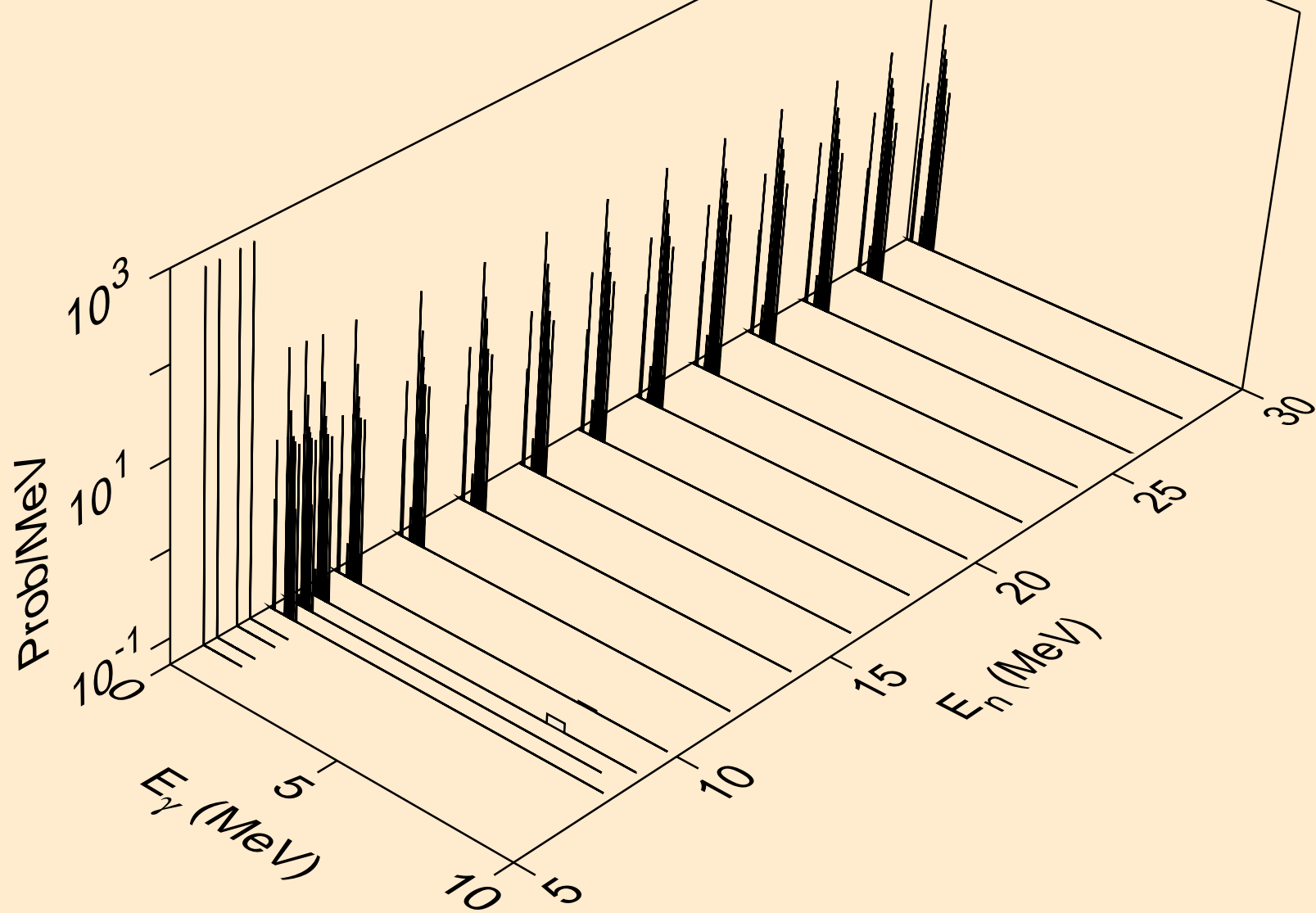
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



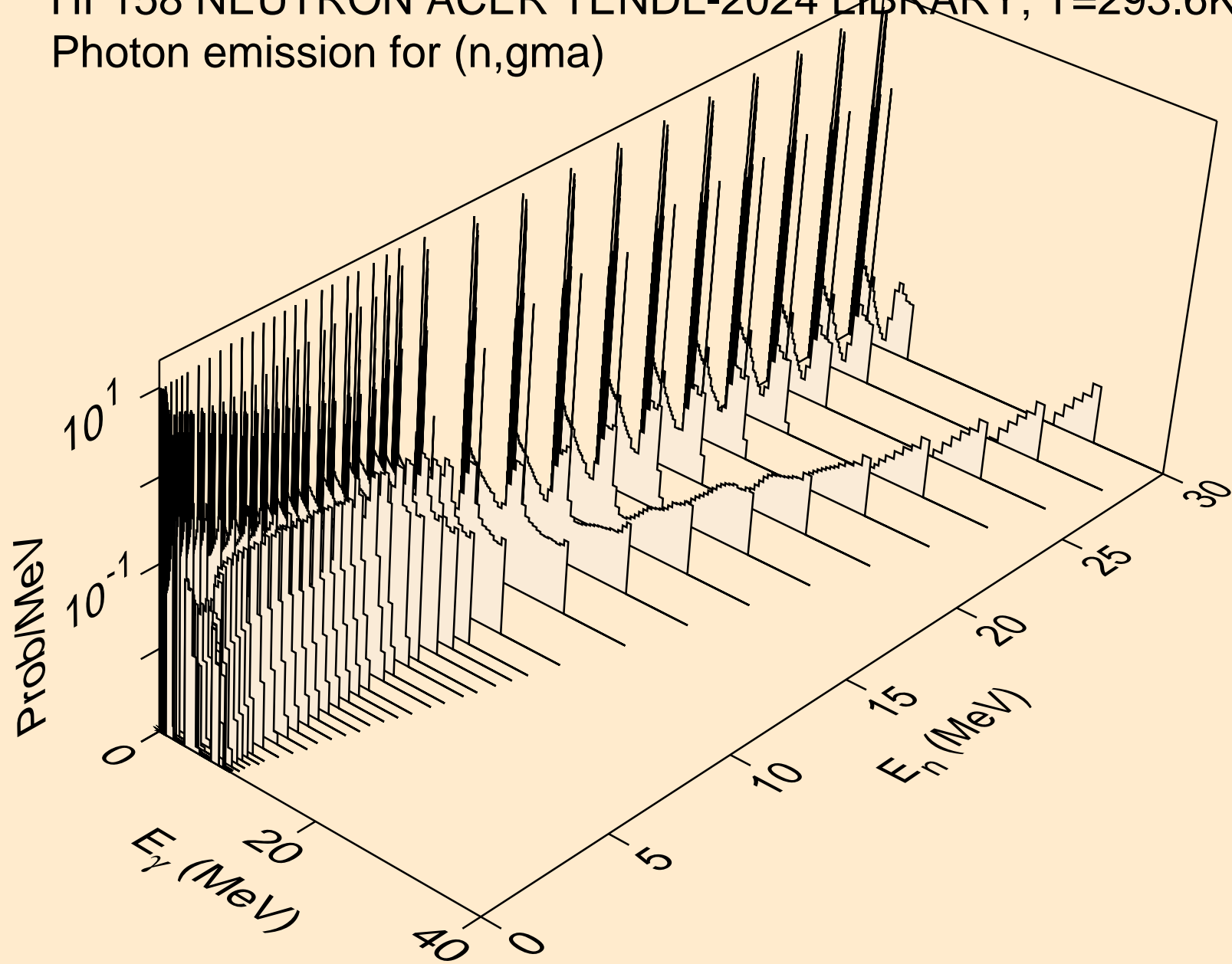
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



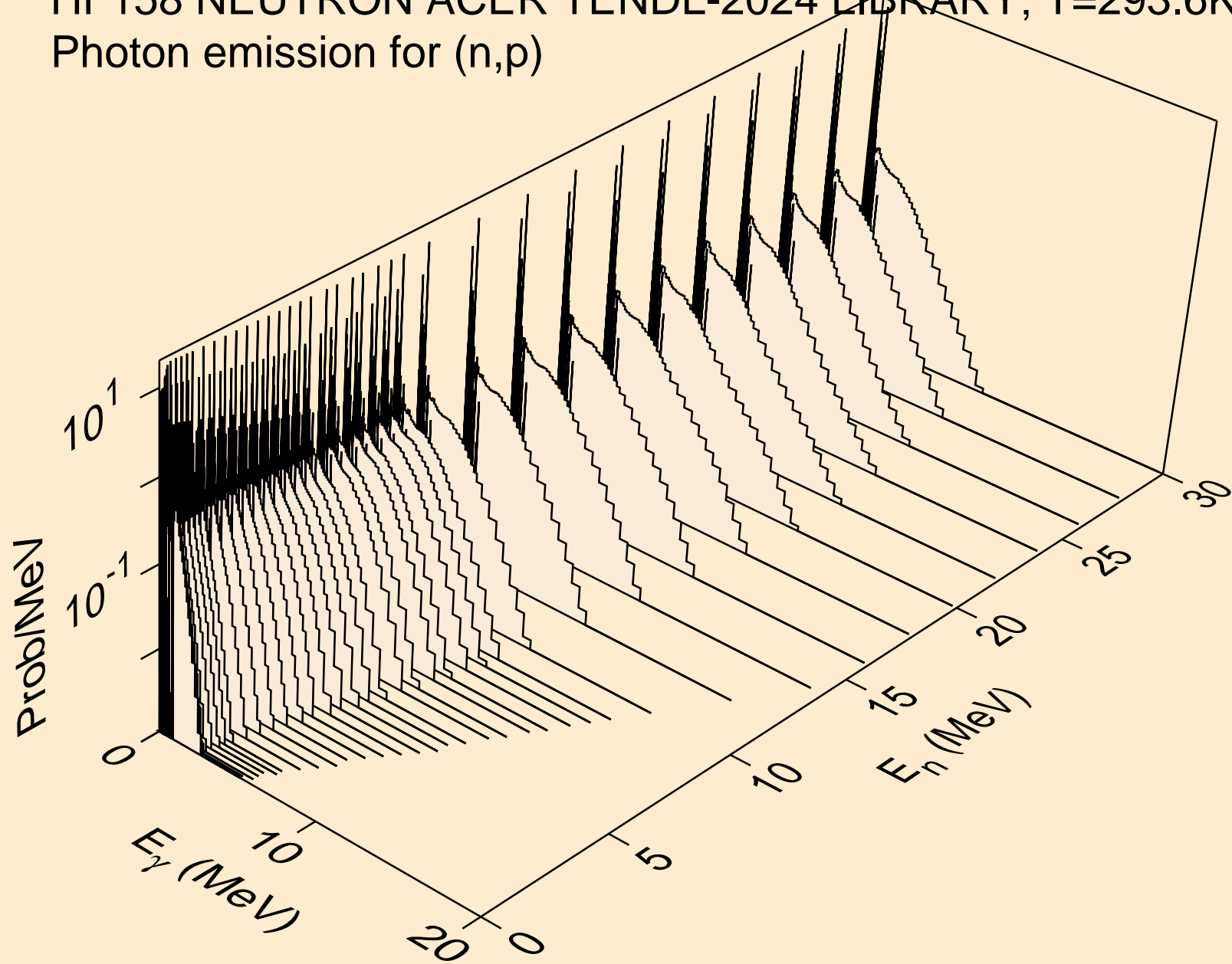
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



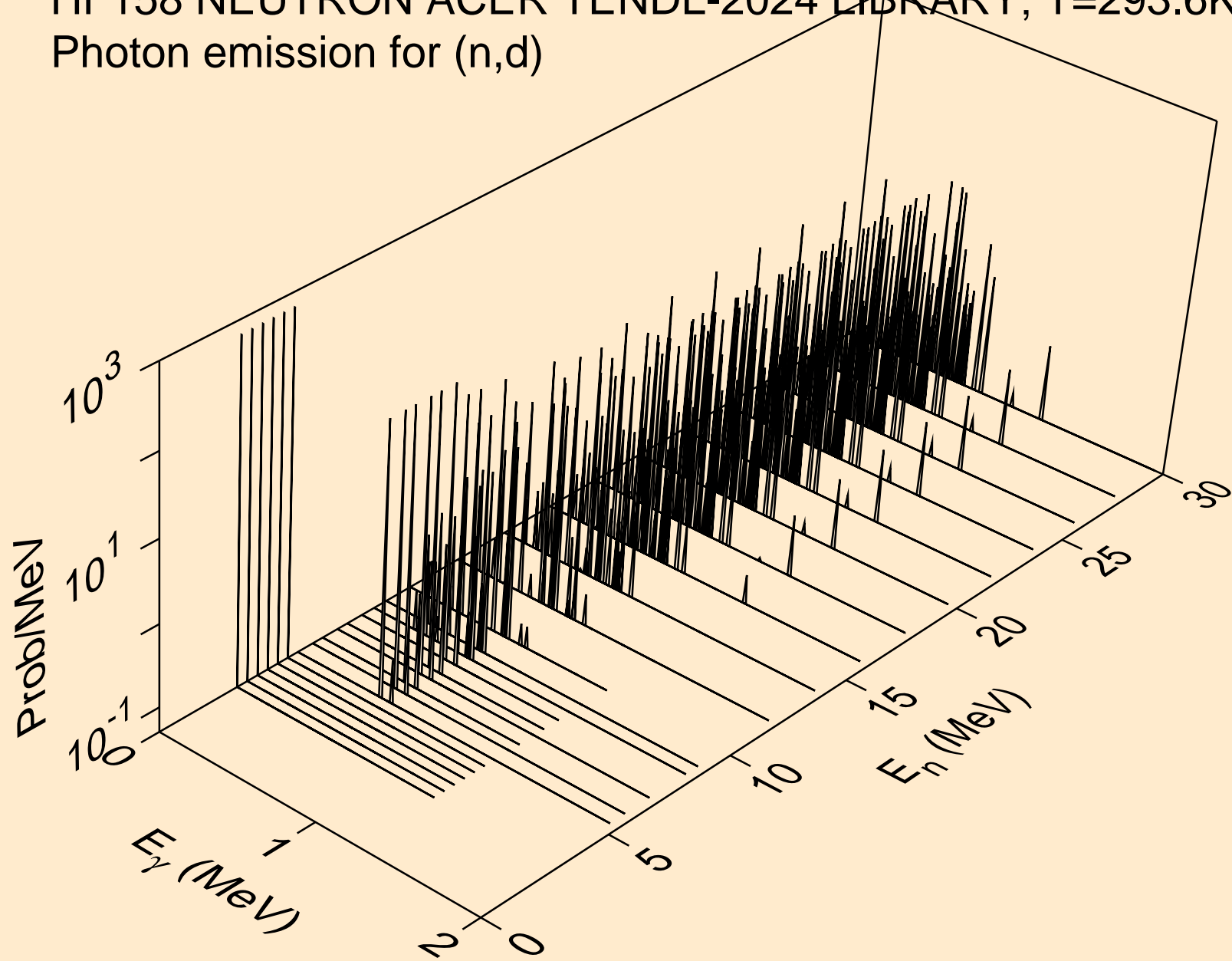
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



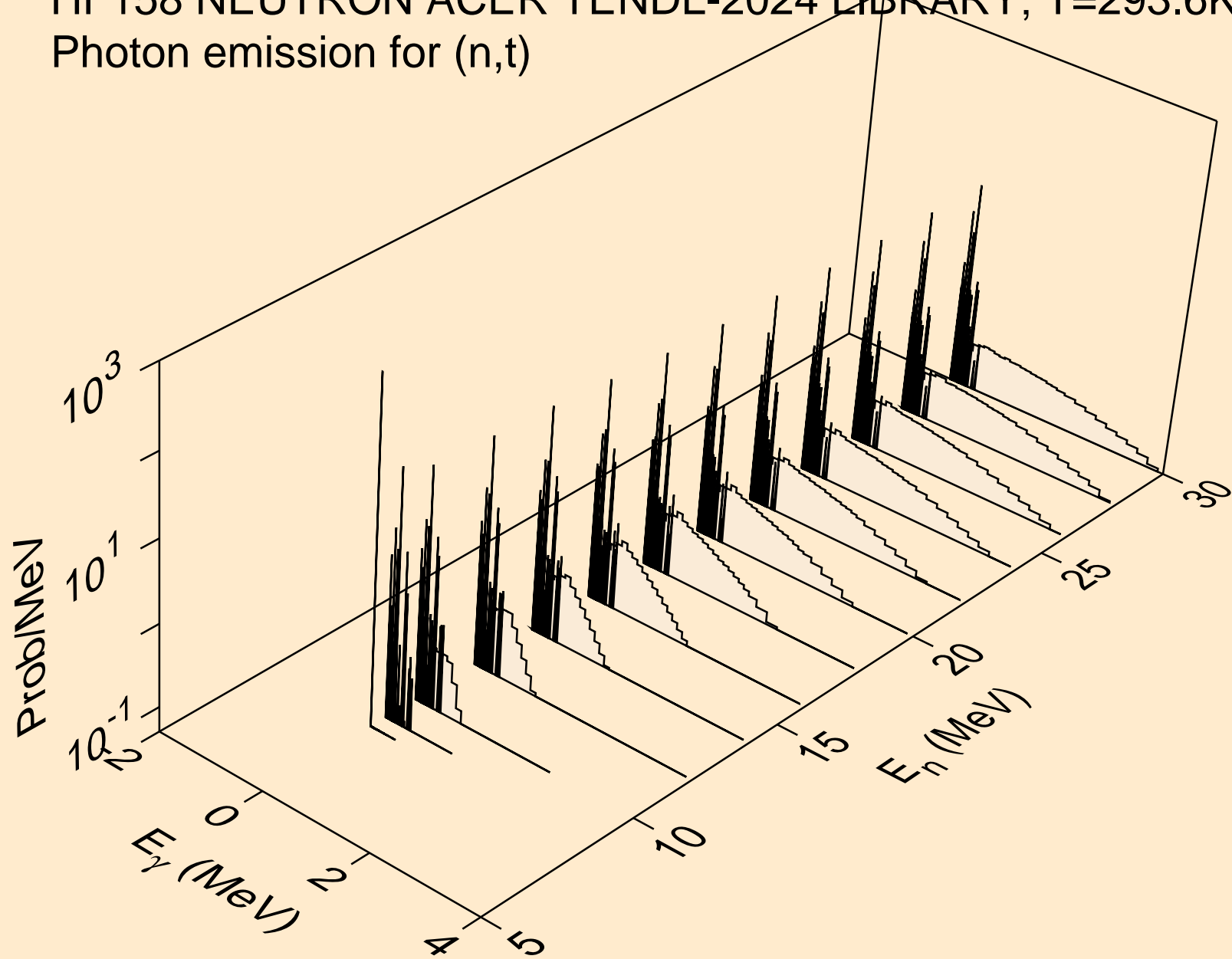
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



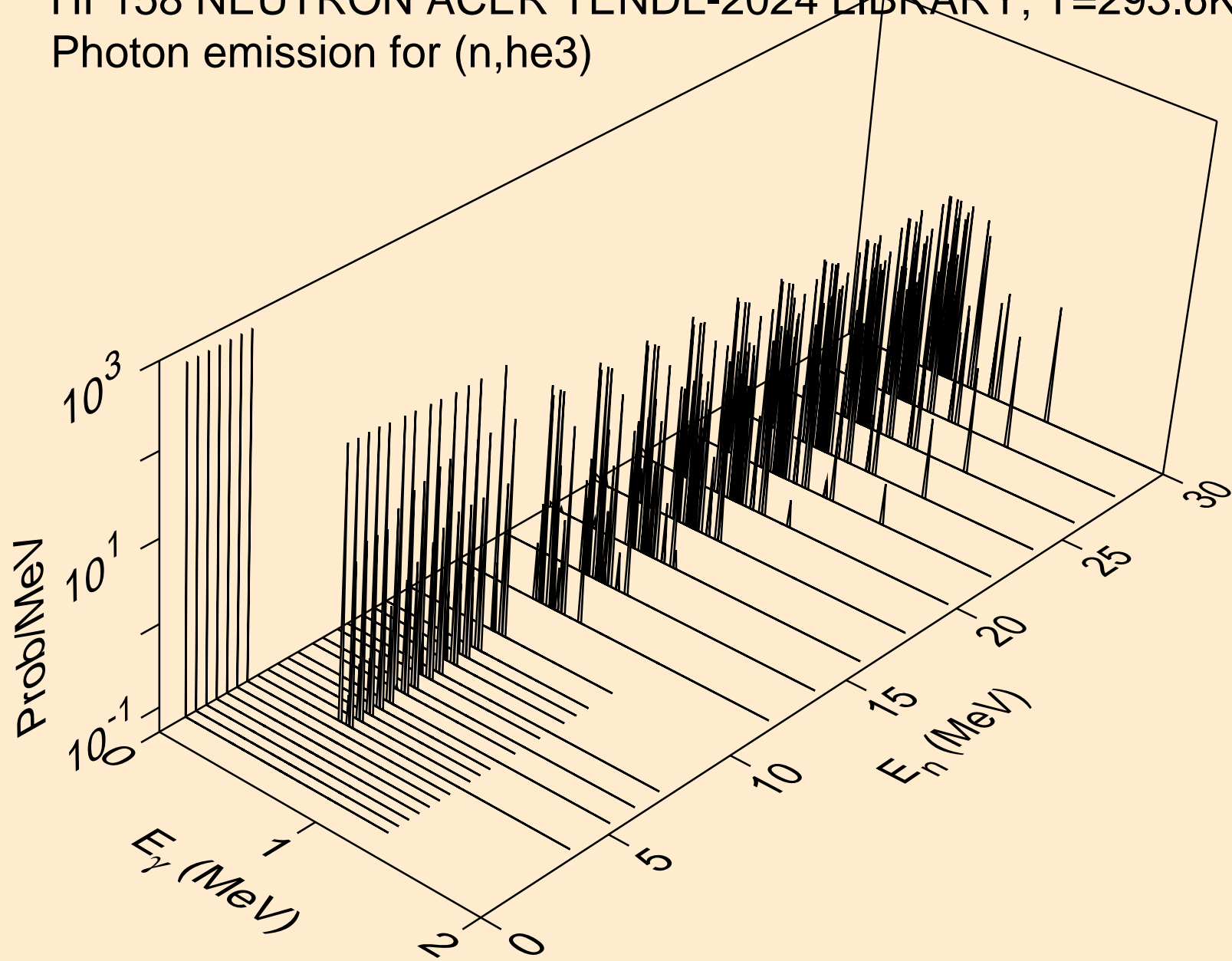
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



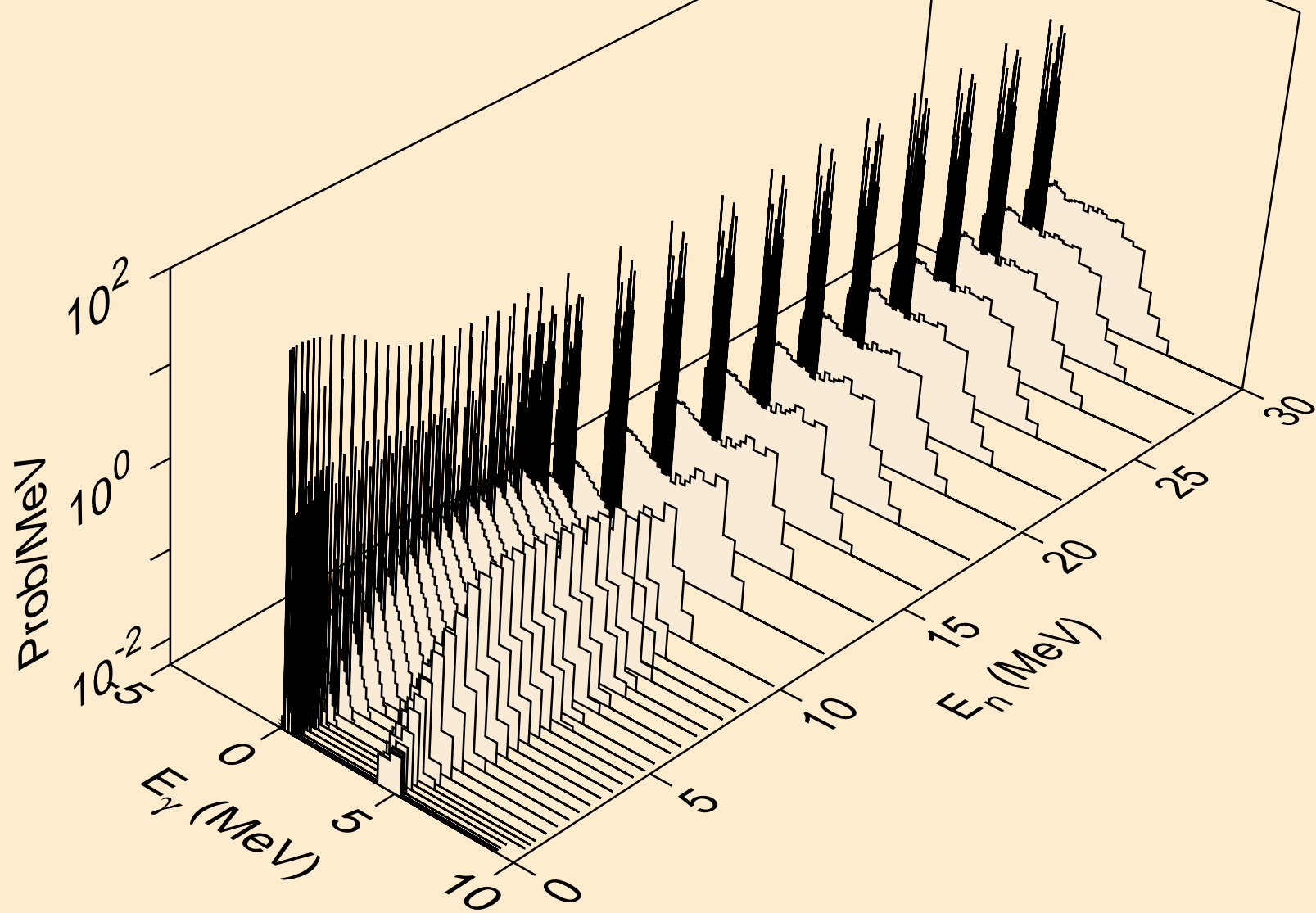
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



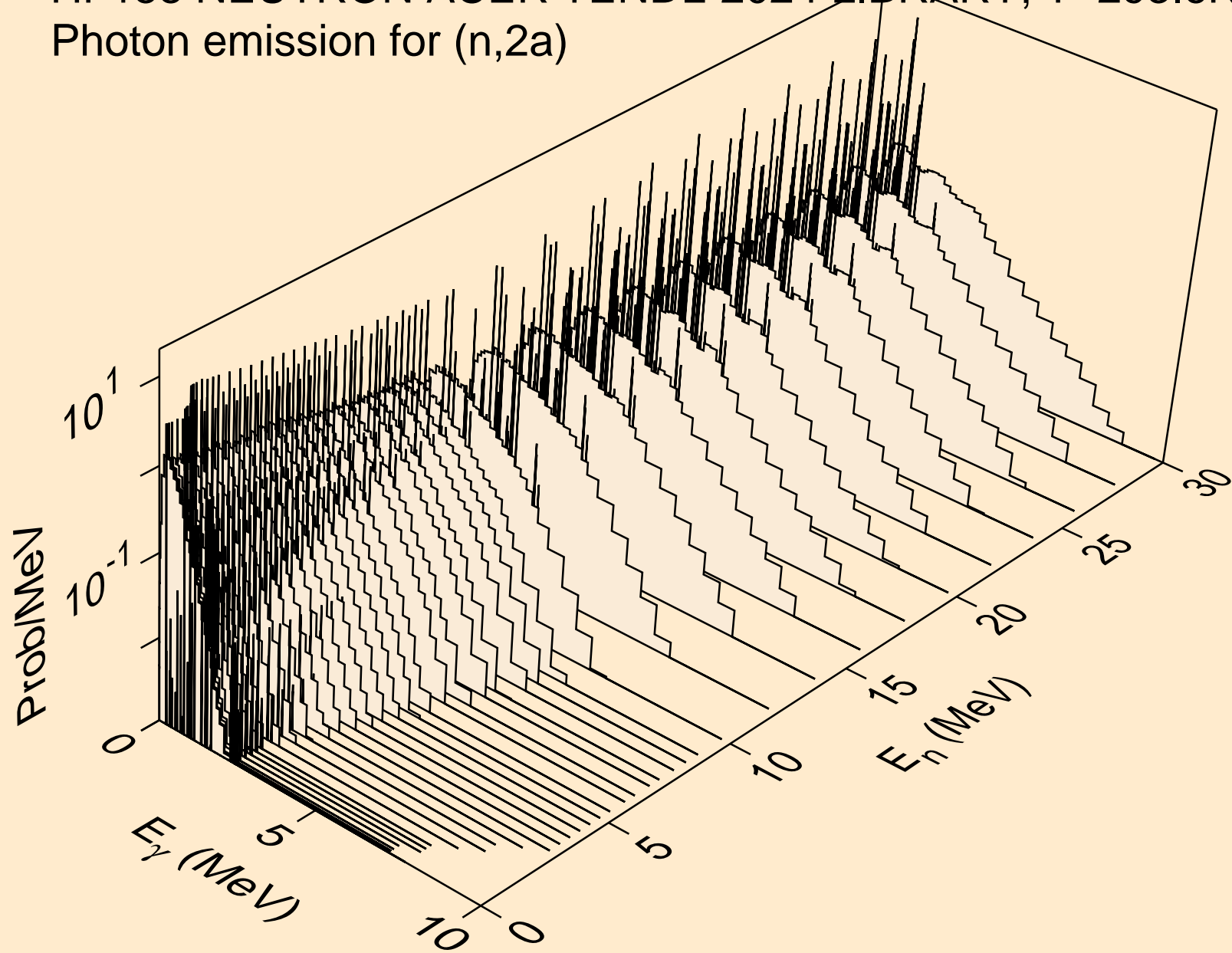
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



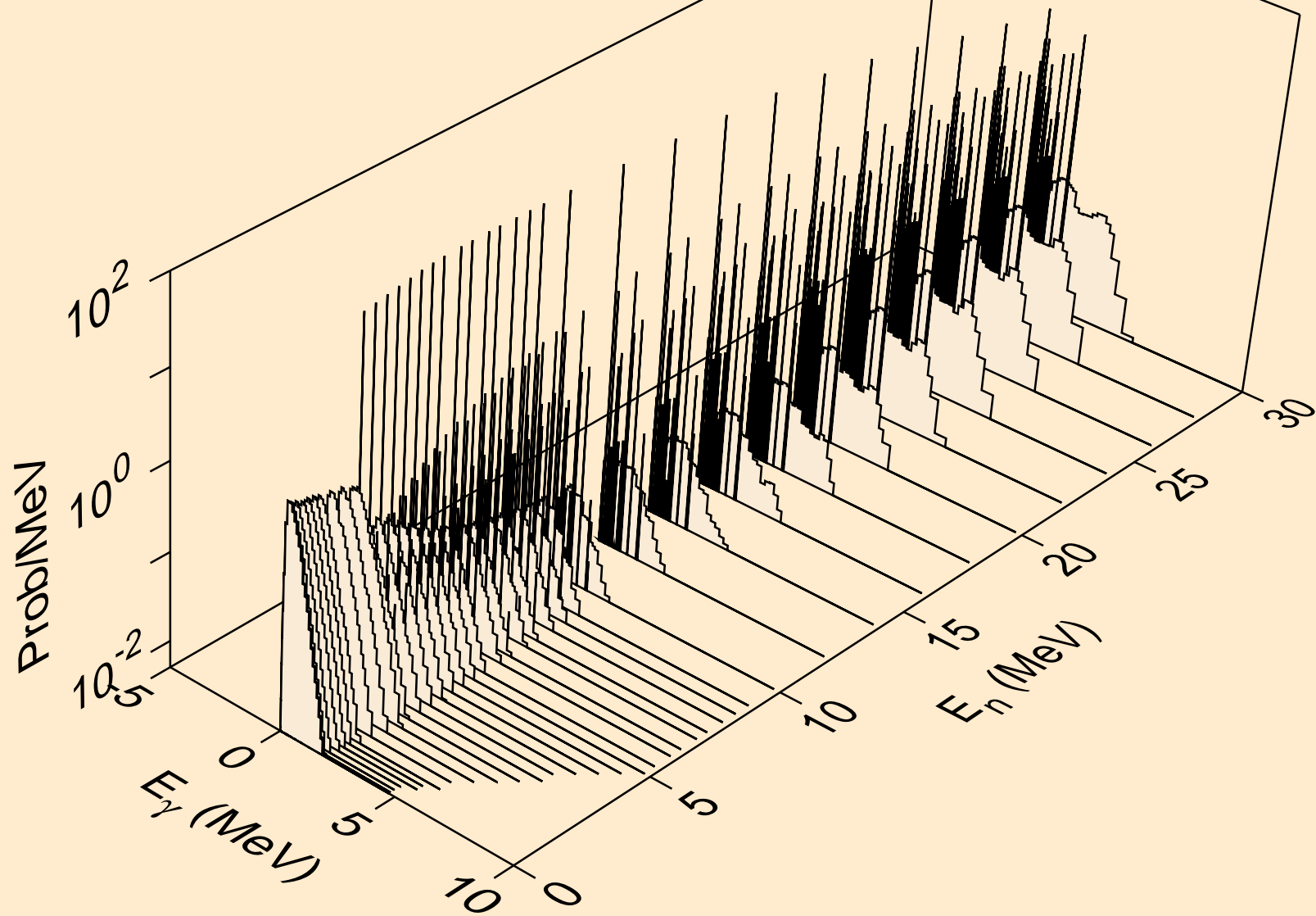
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



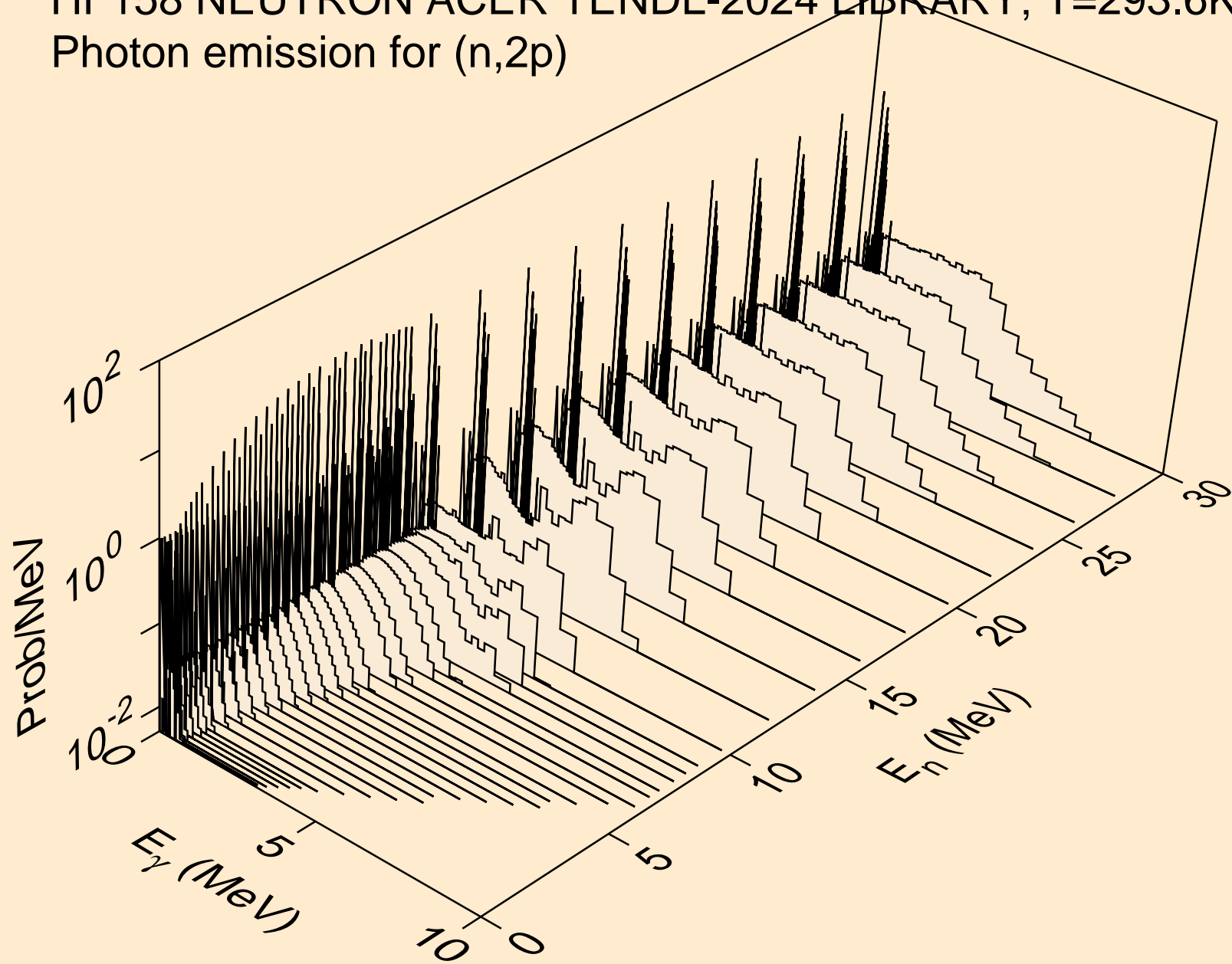
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



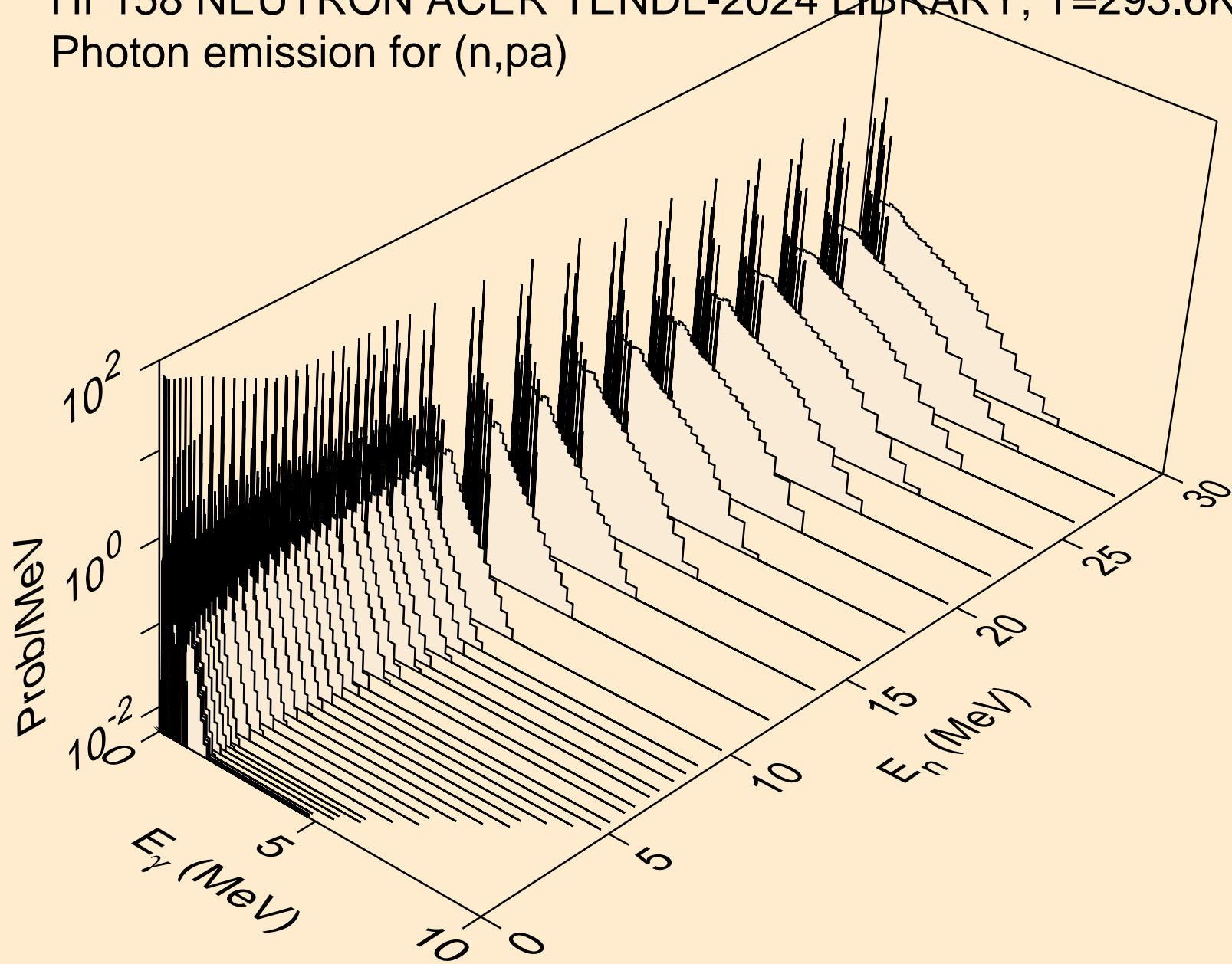
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



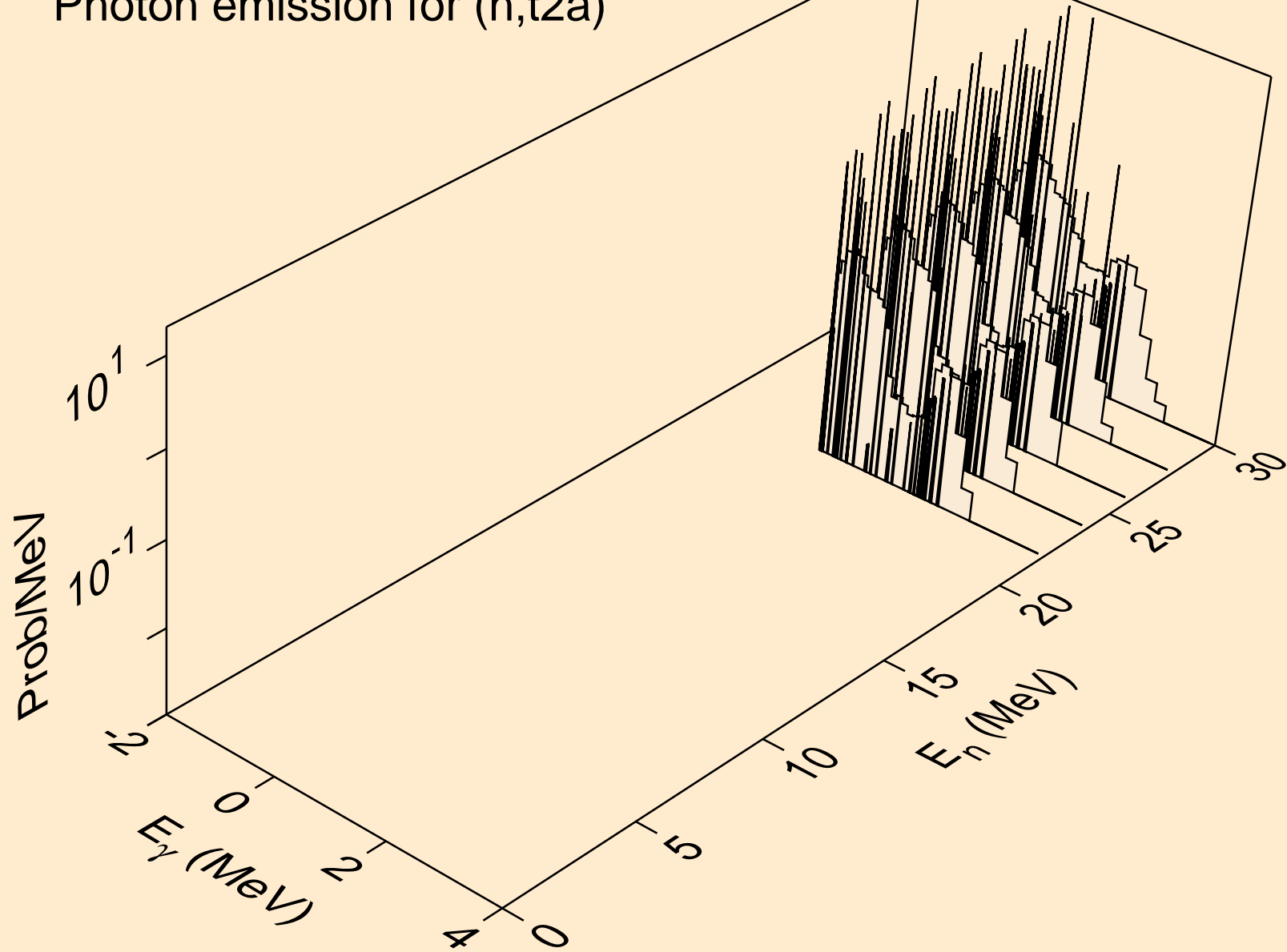
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



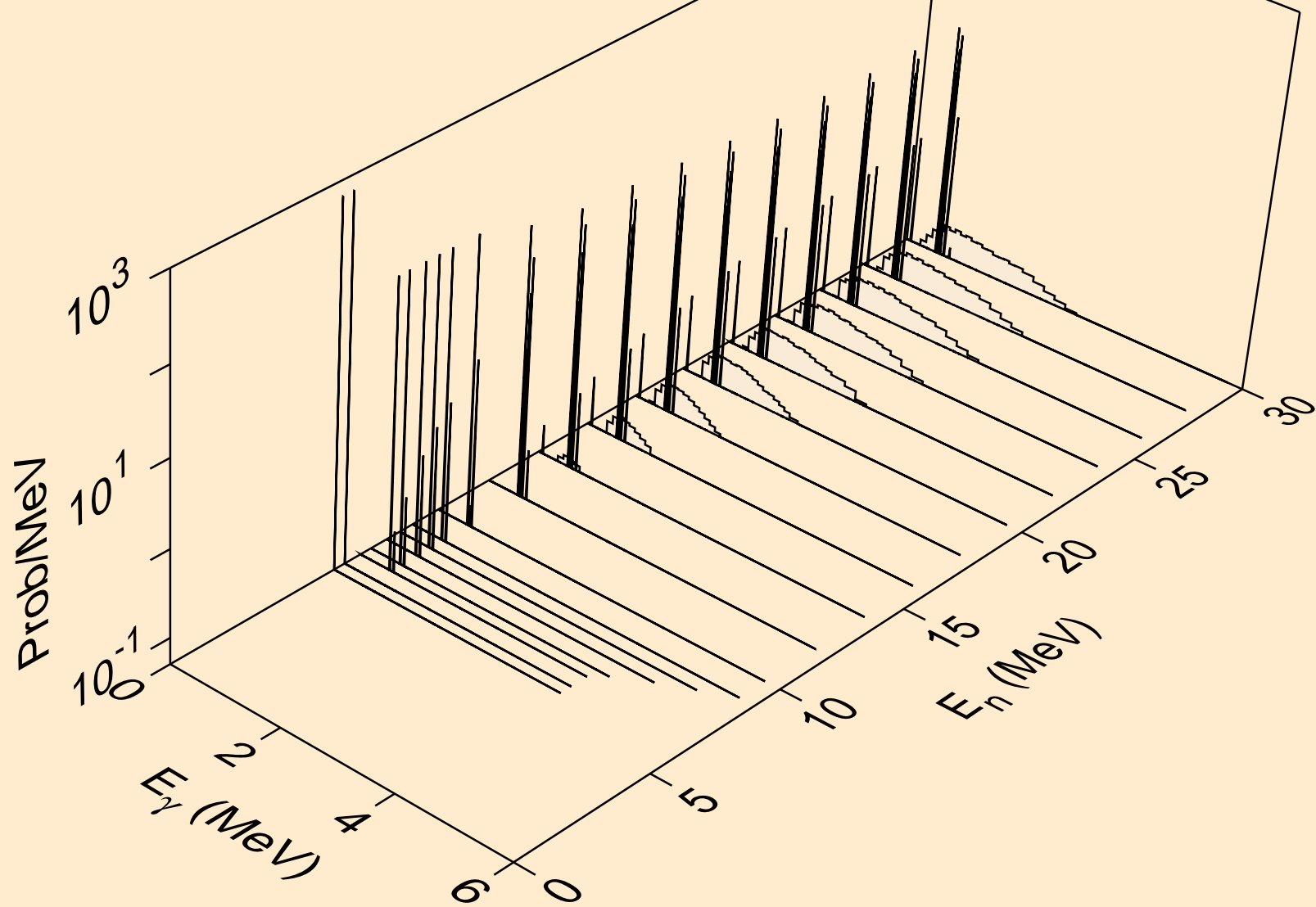
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t2a)



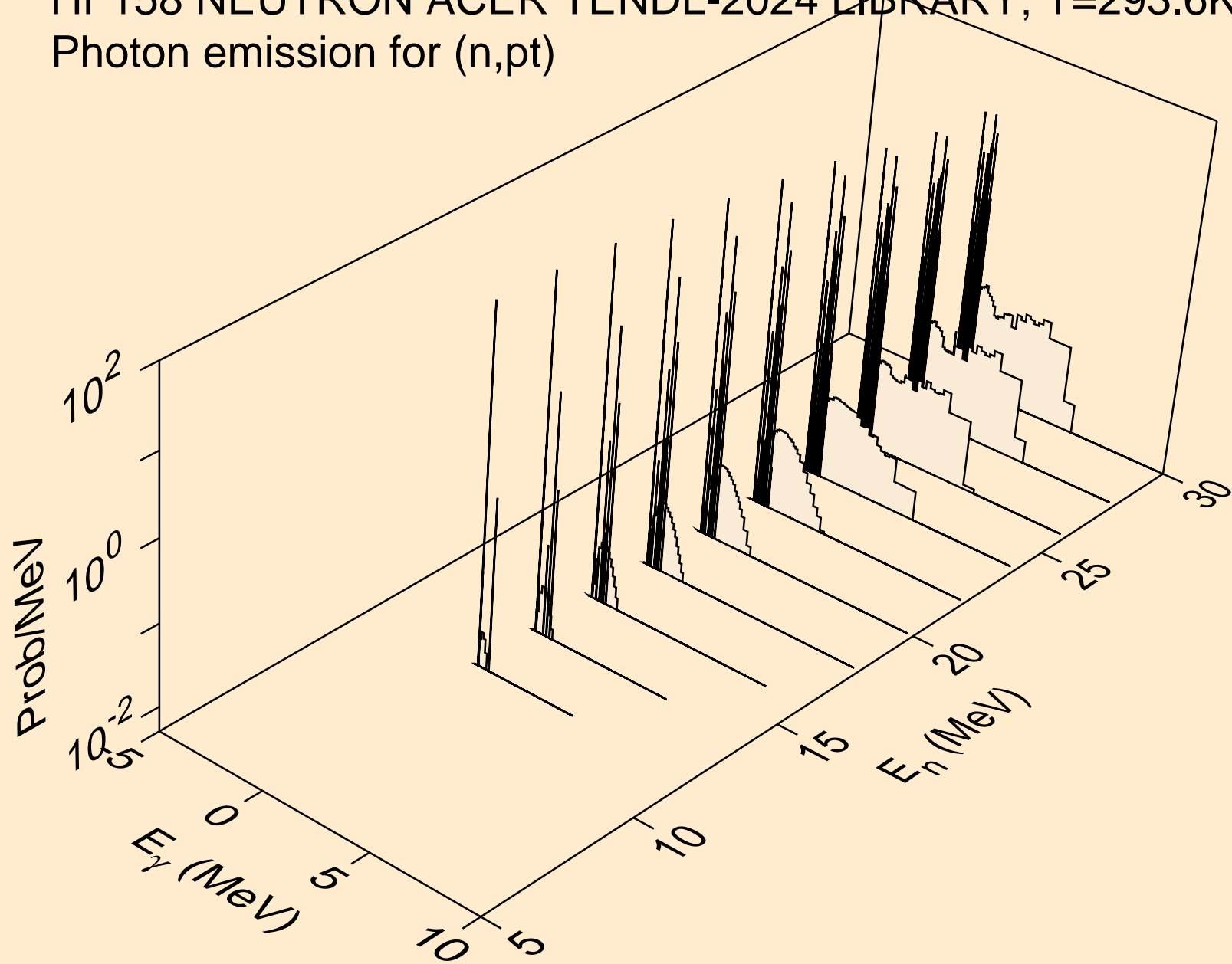
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d2a)



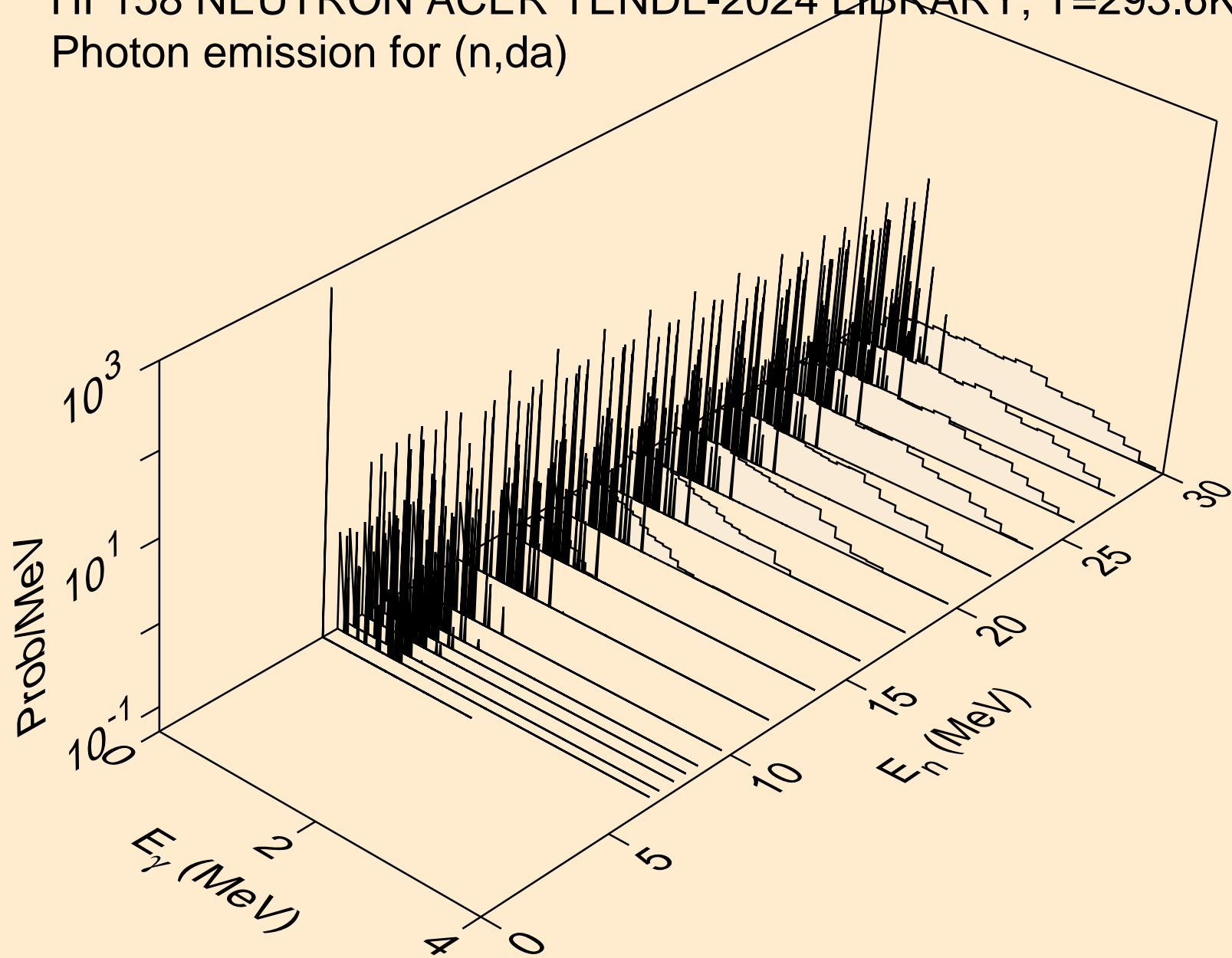
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



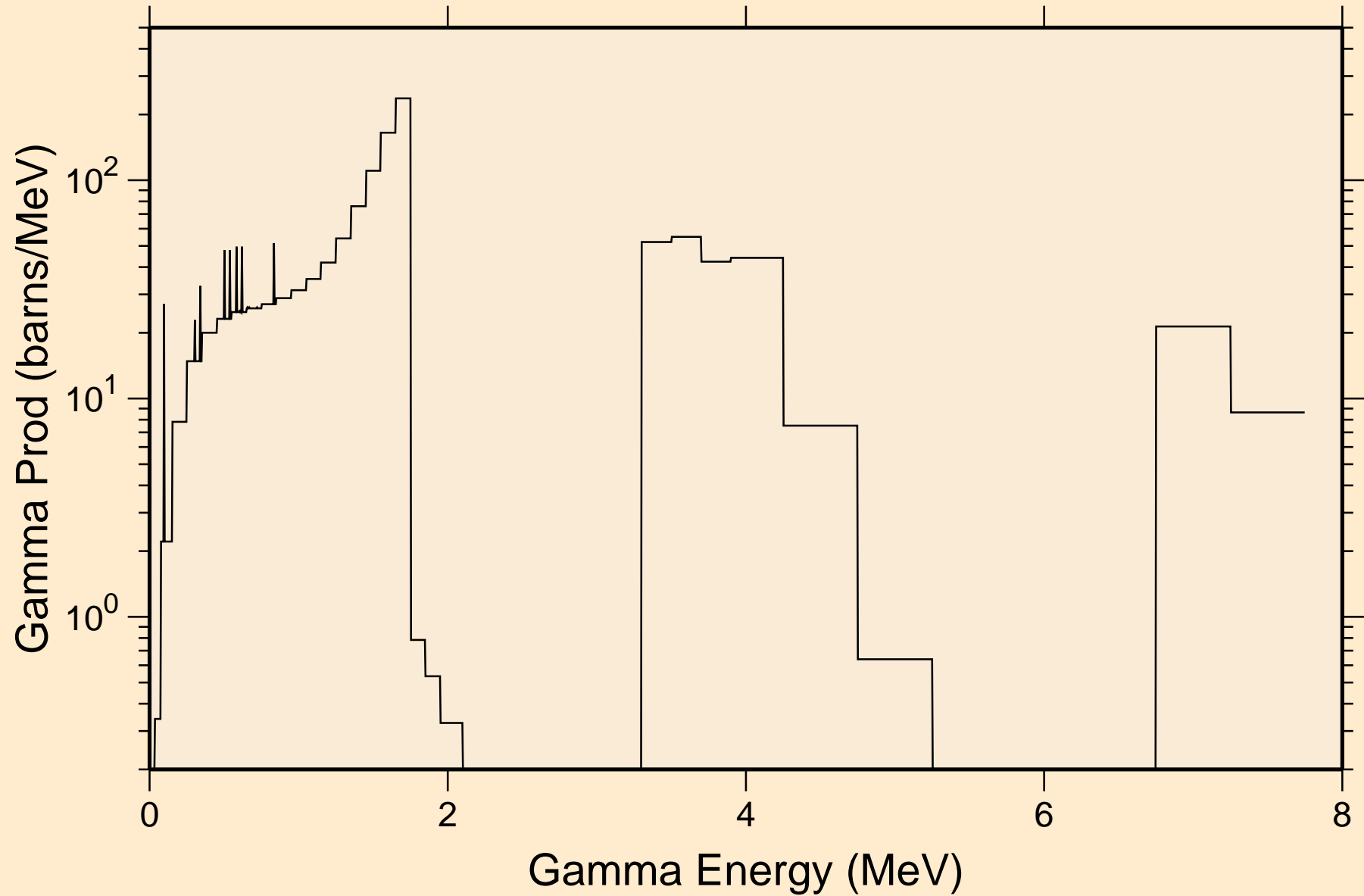
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



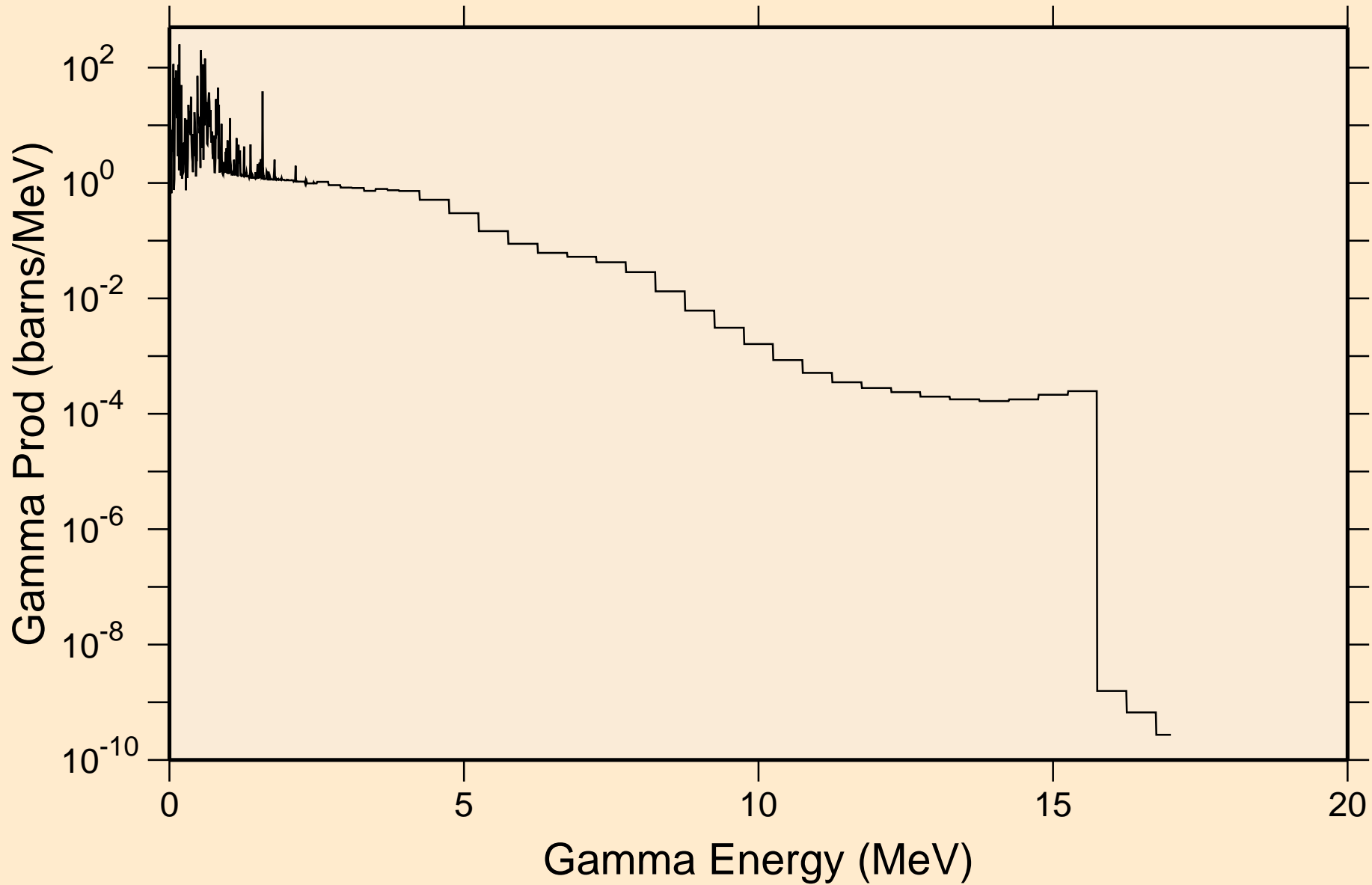
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

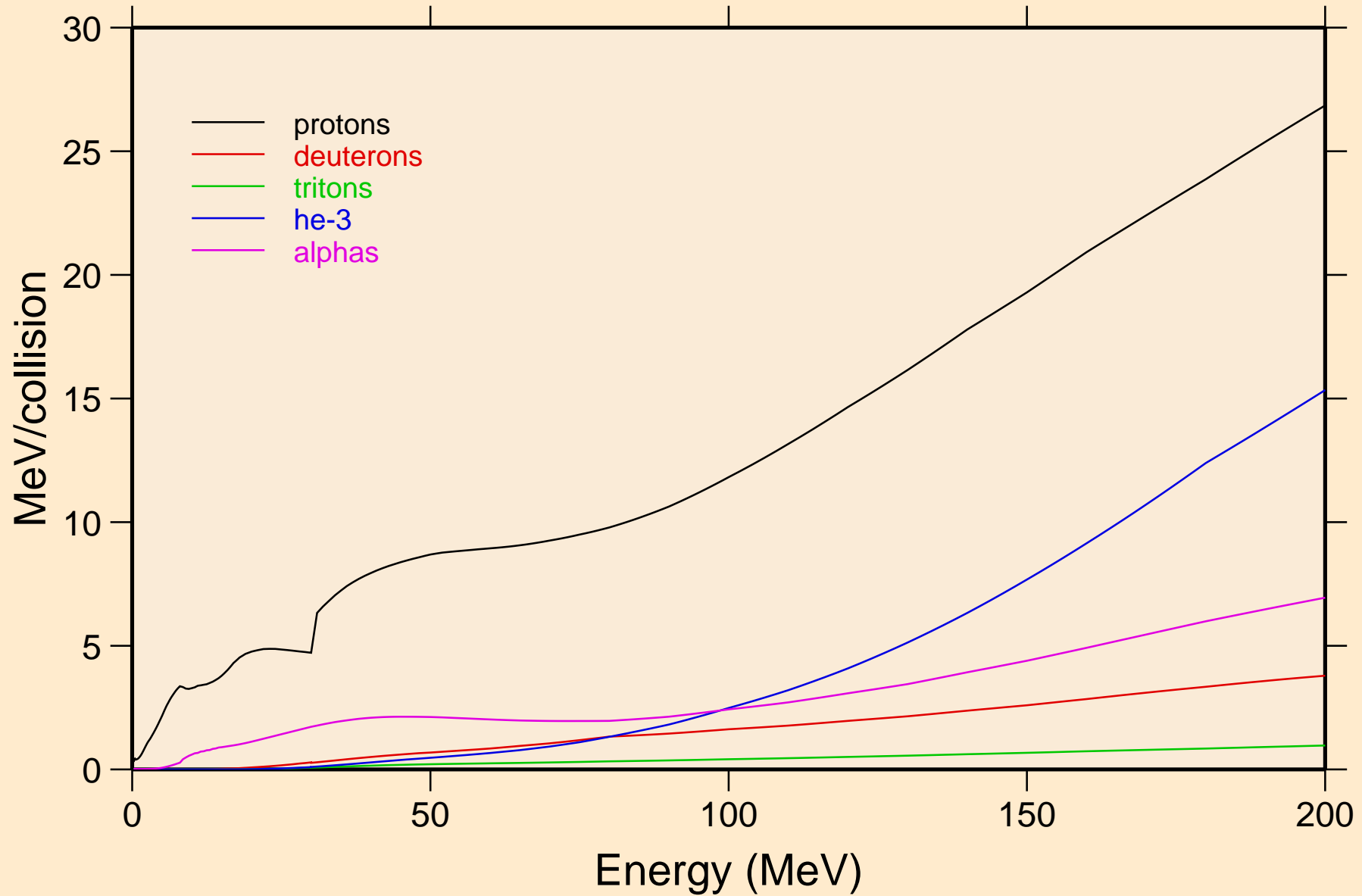


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

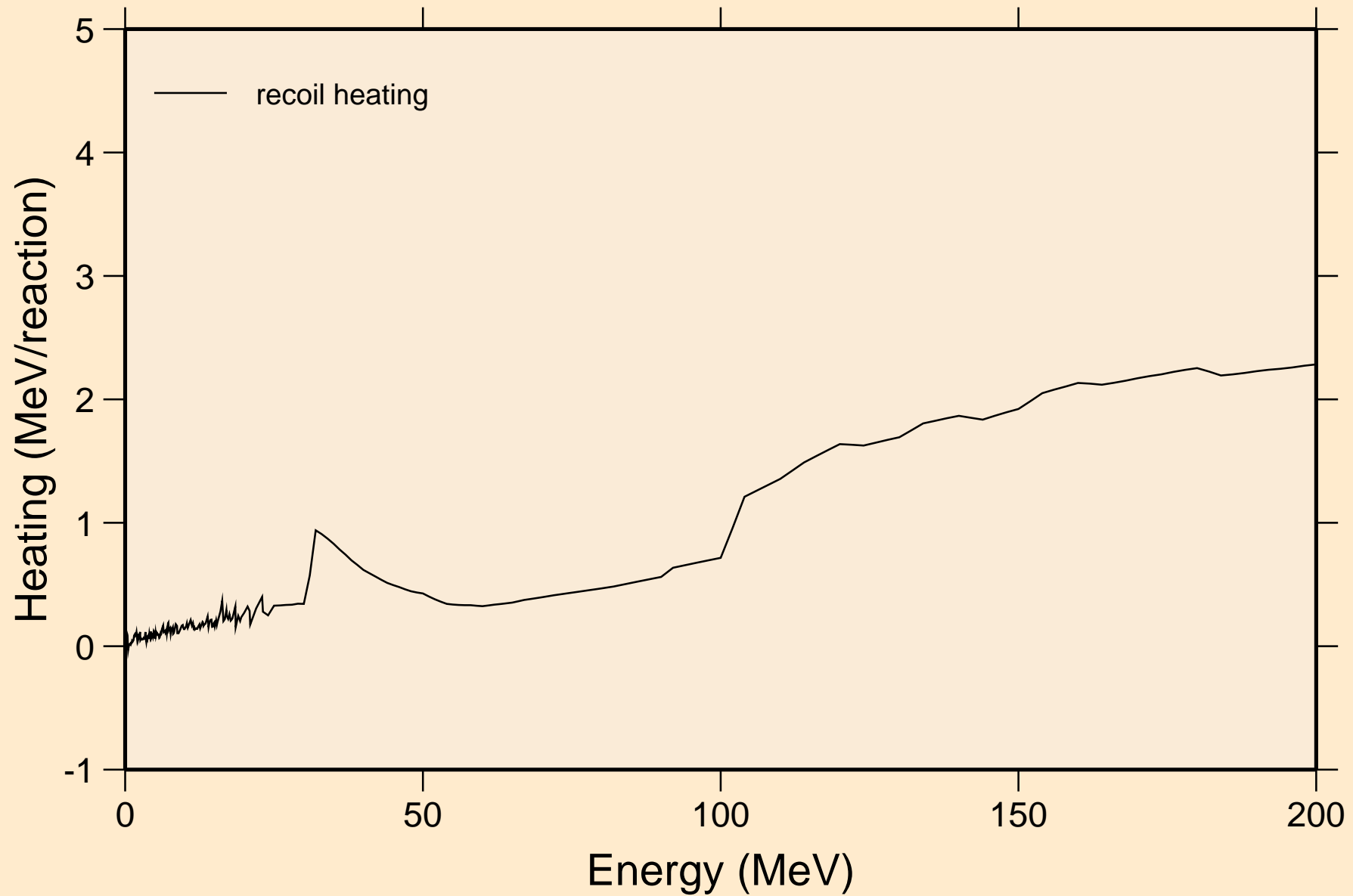


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Particle heating contributions

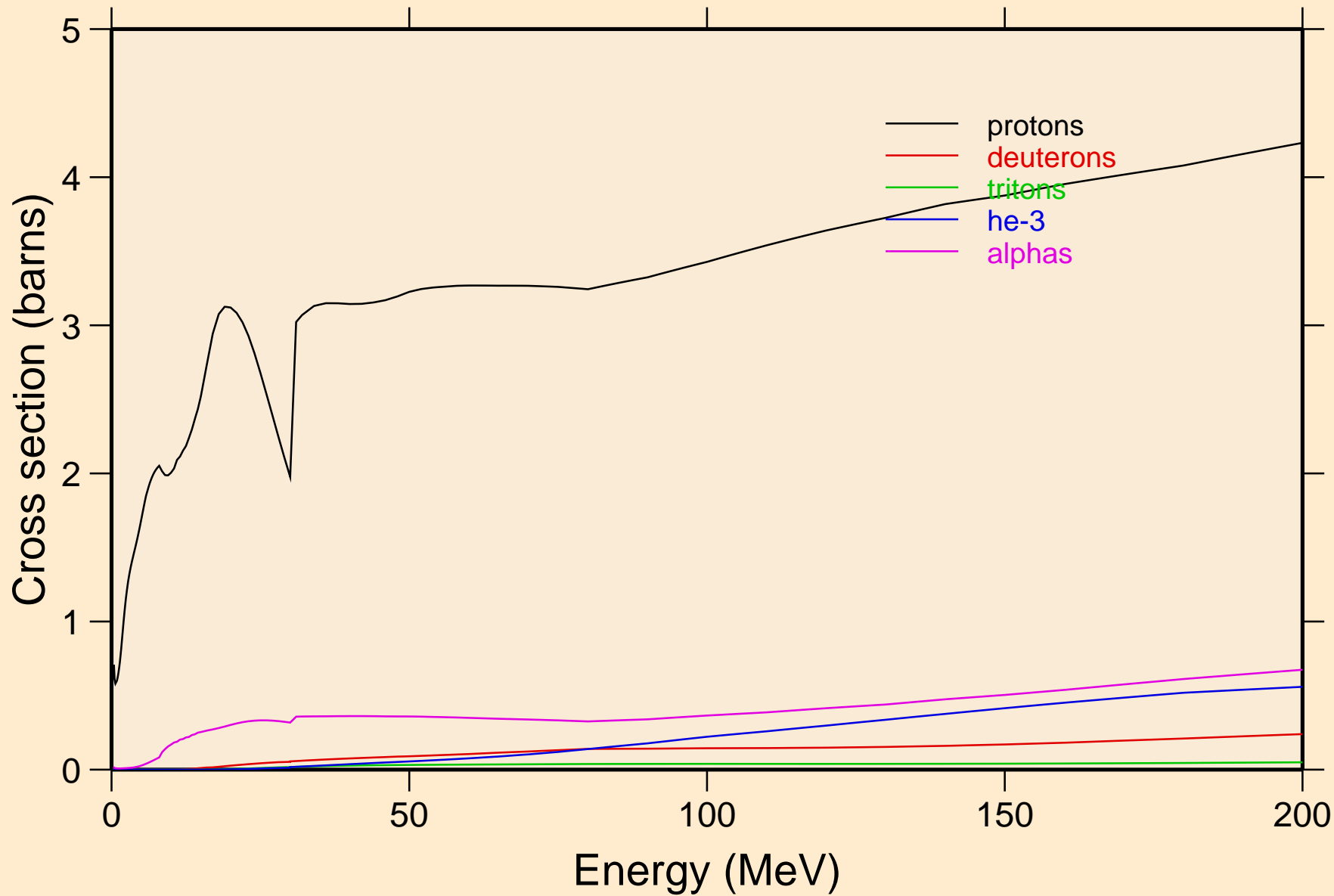


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating

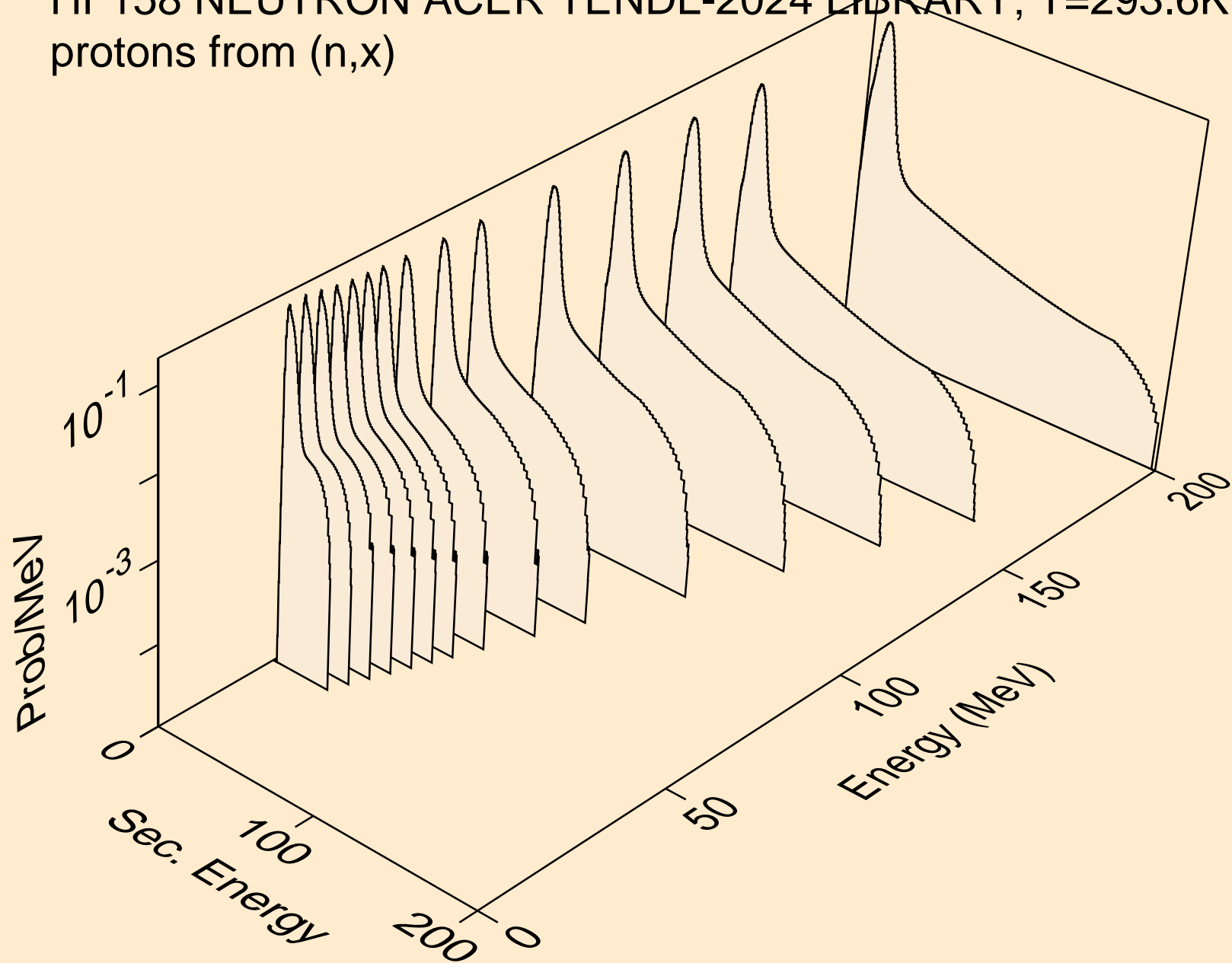


HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

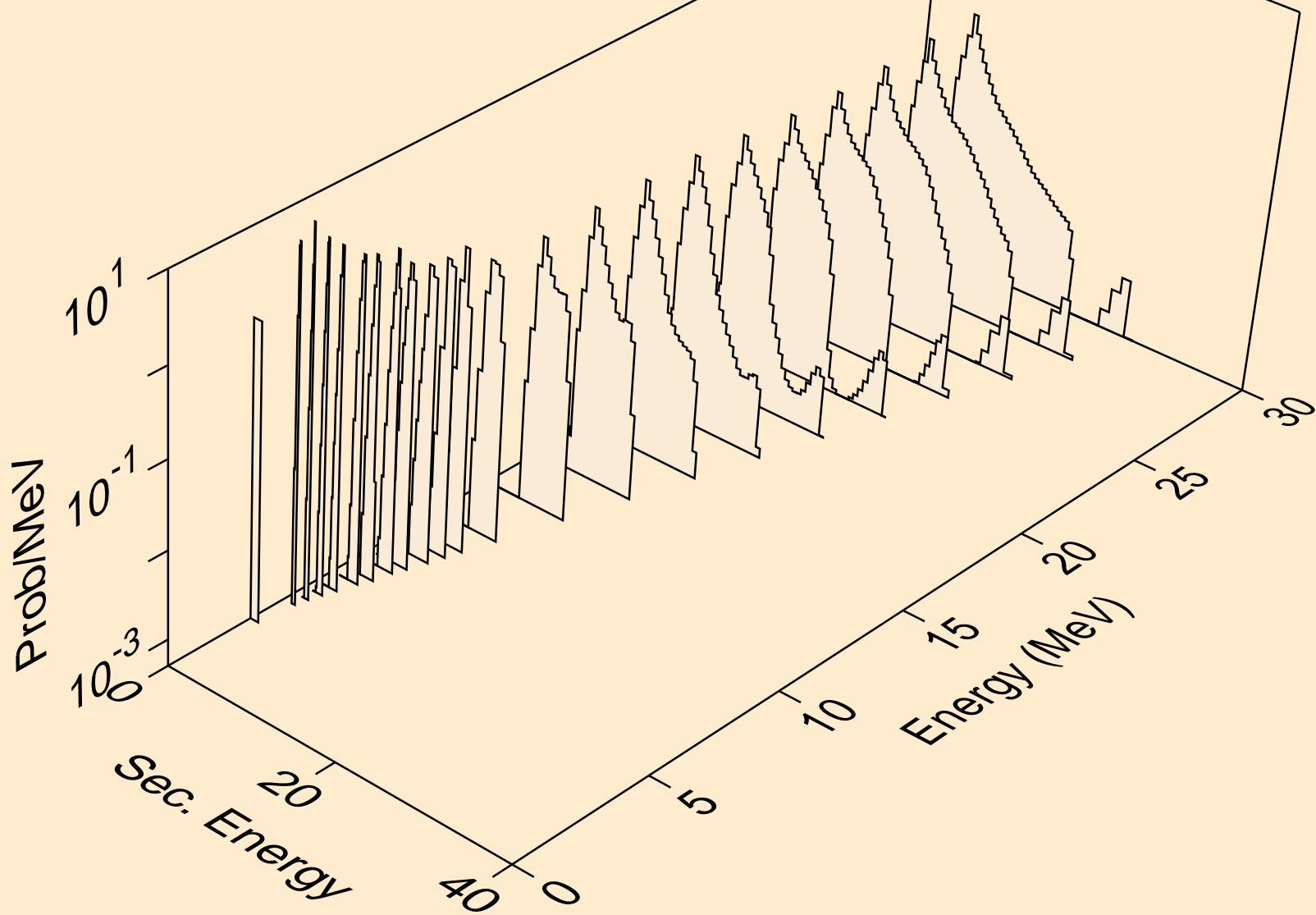
Particle production cross sections



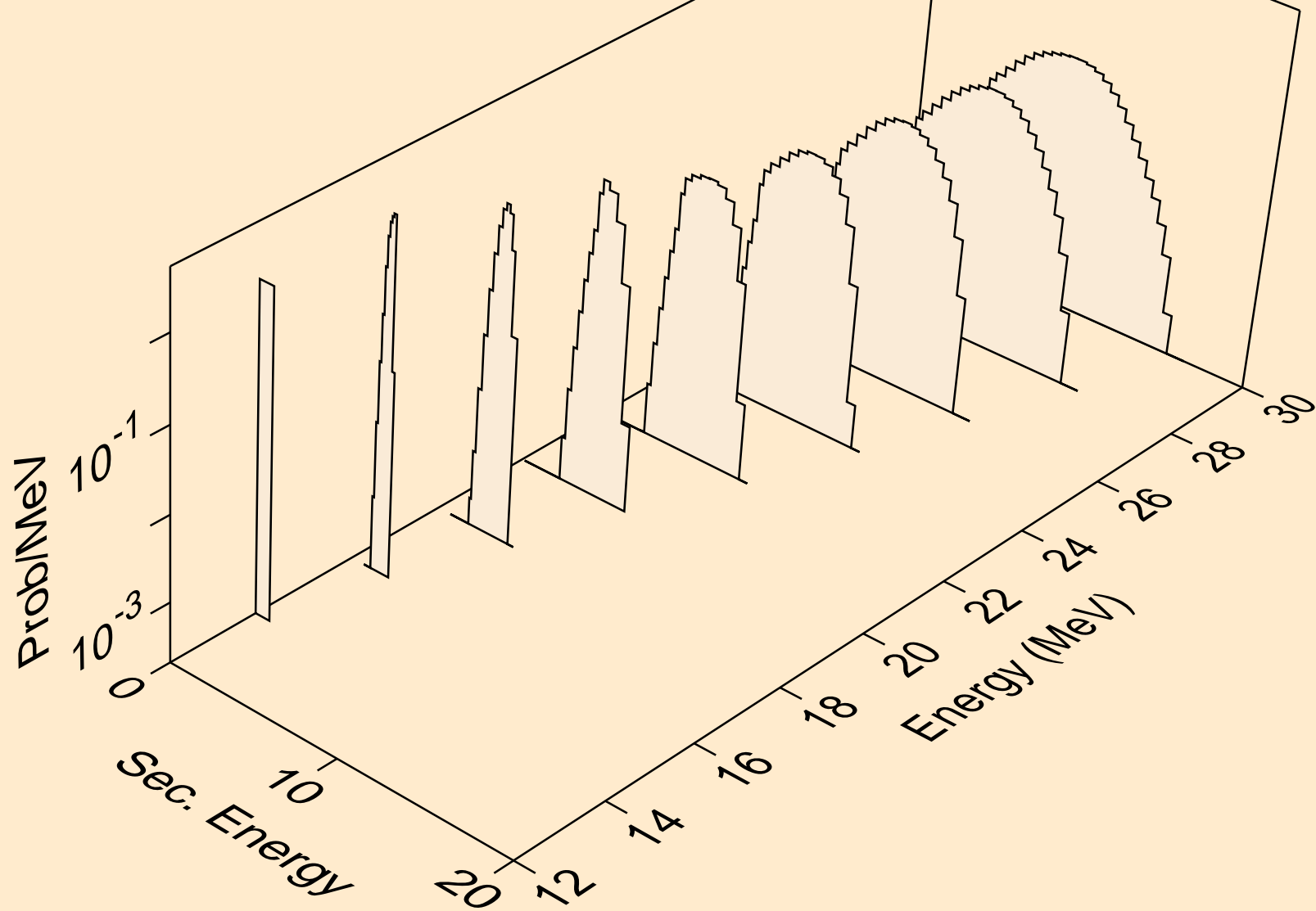
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



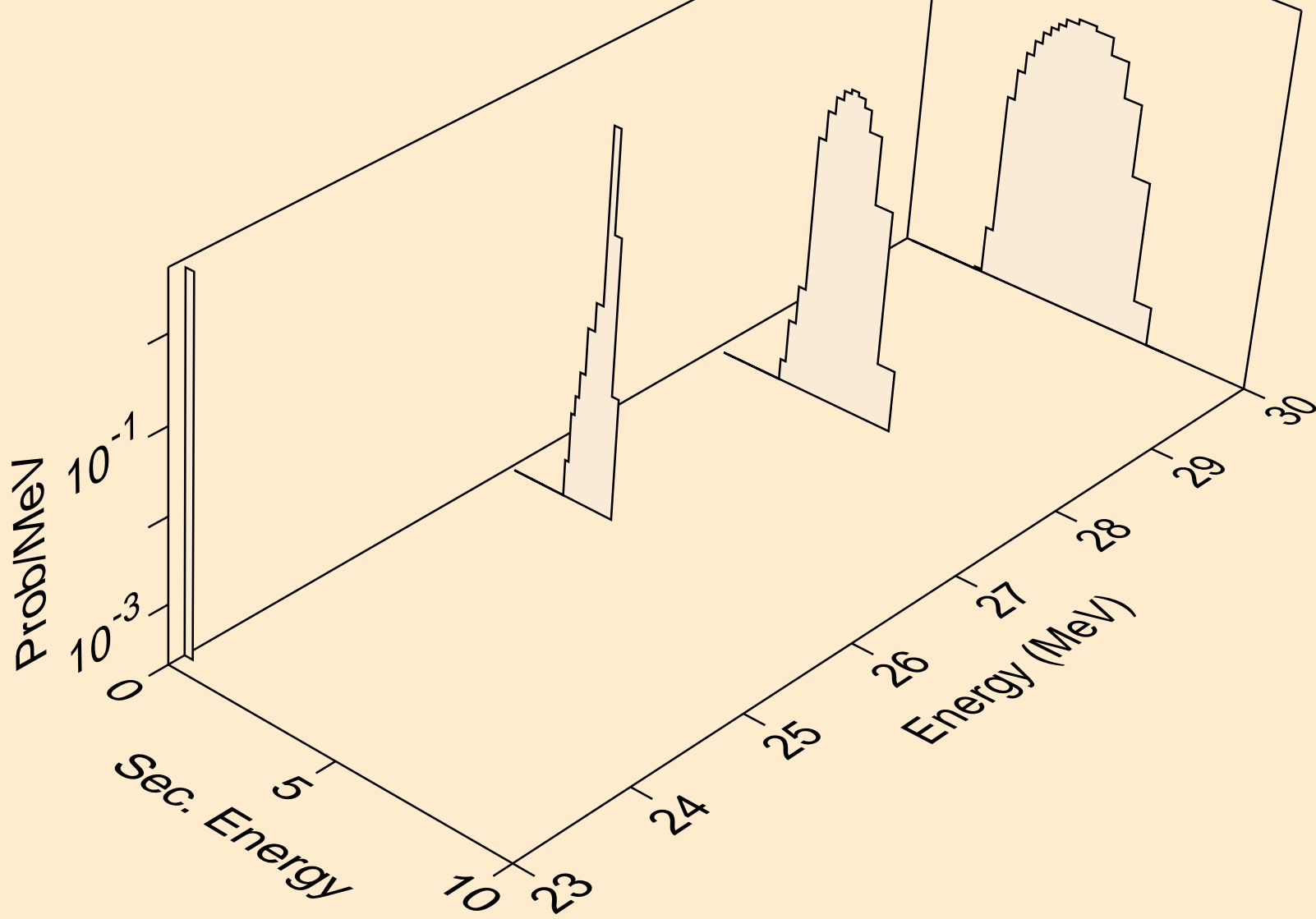
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



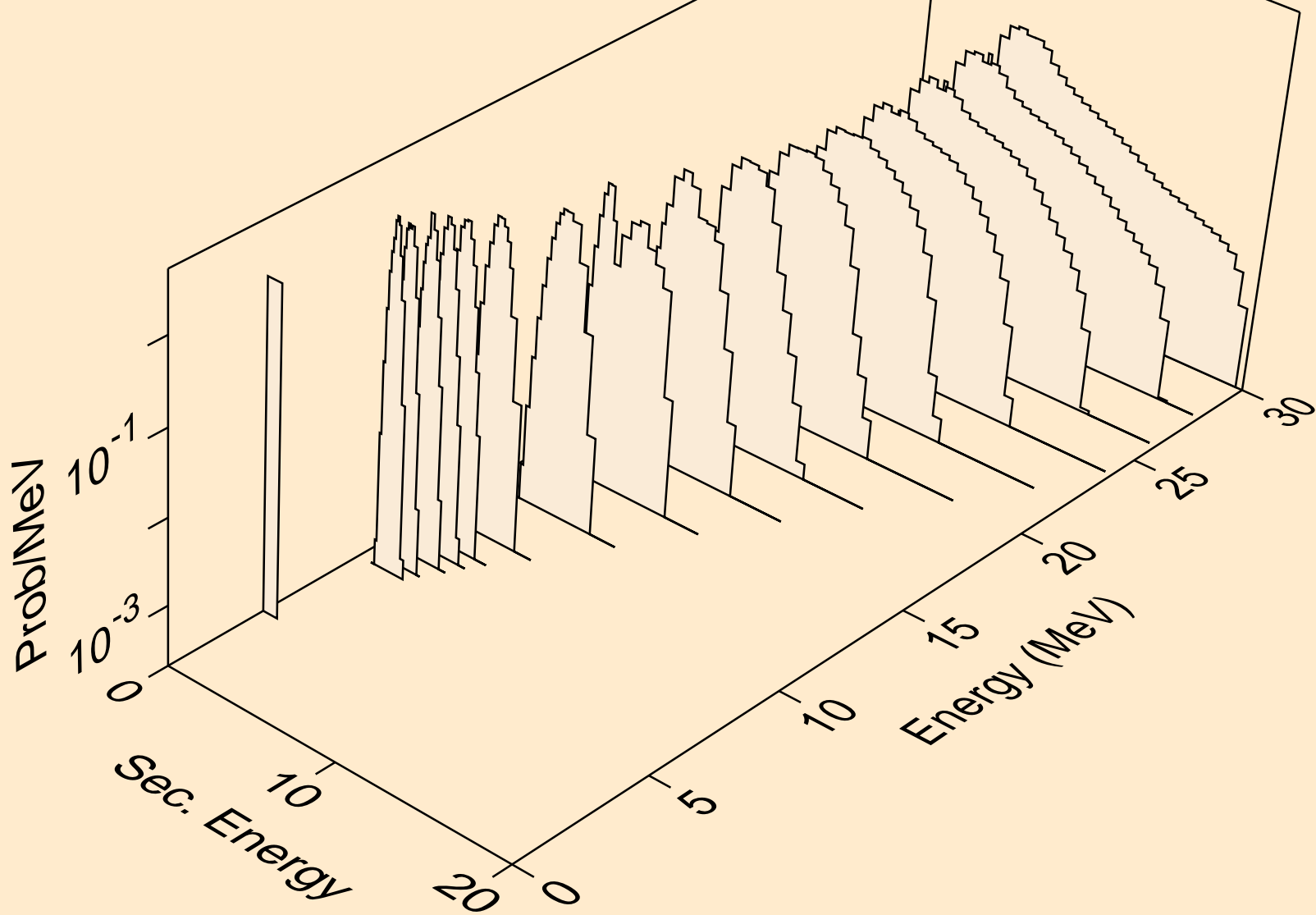
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



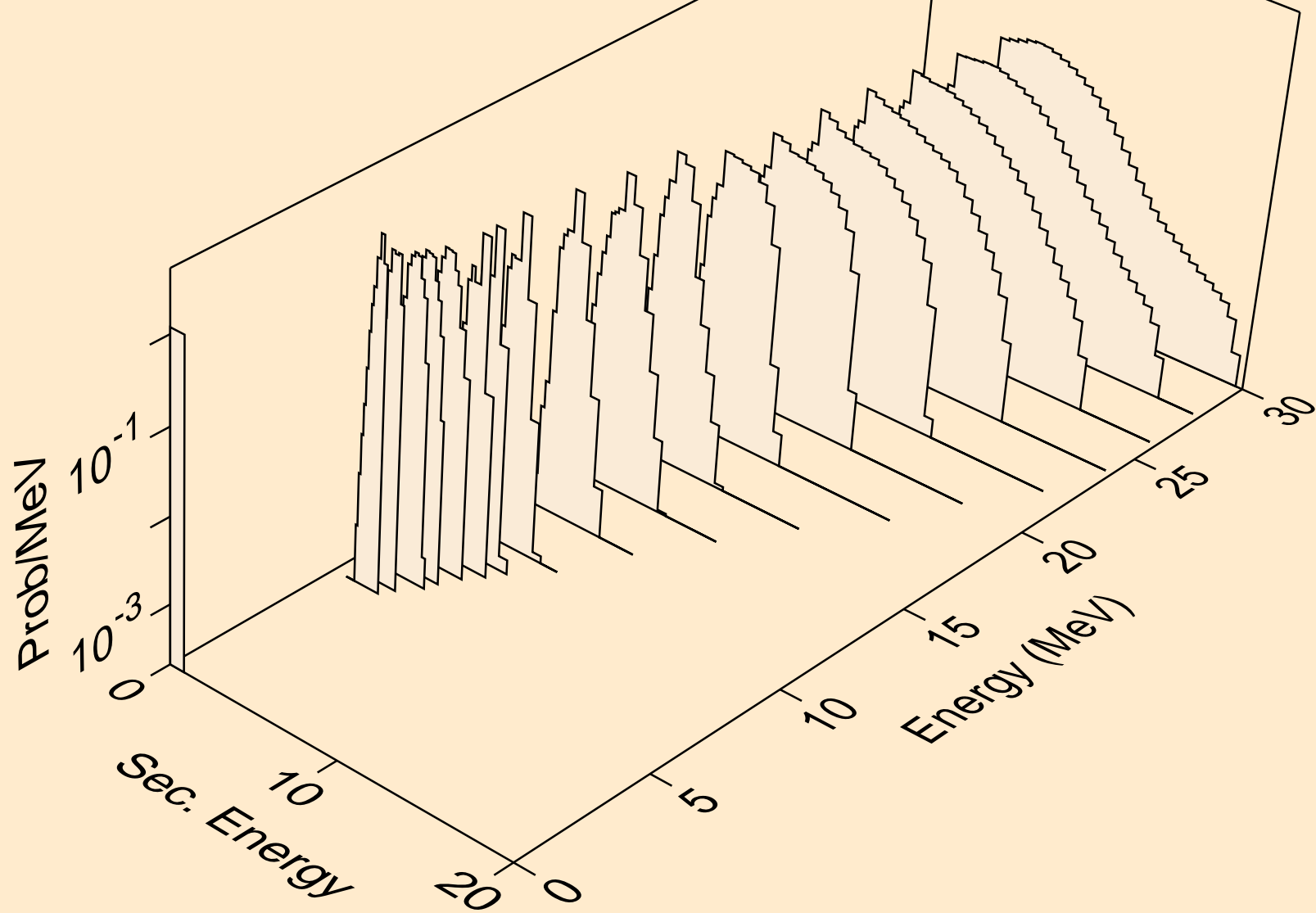
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



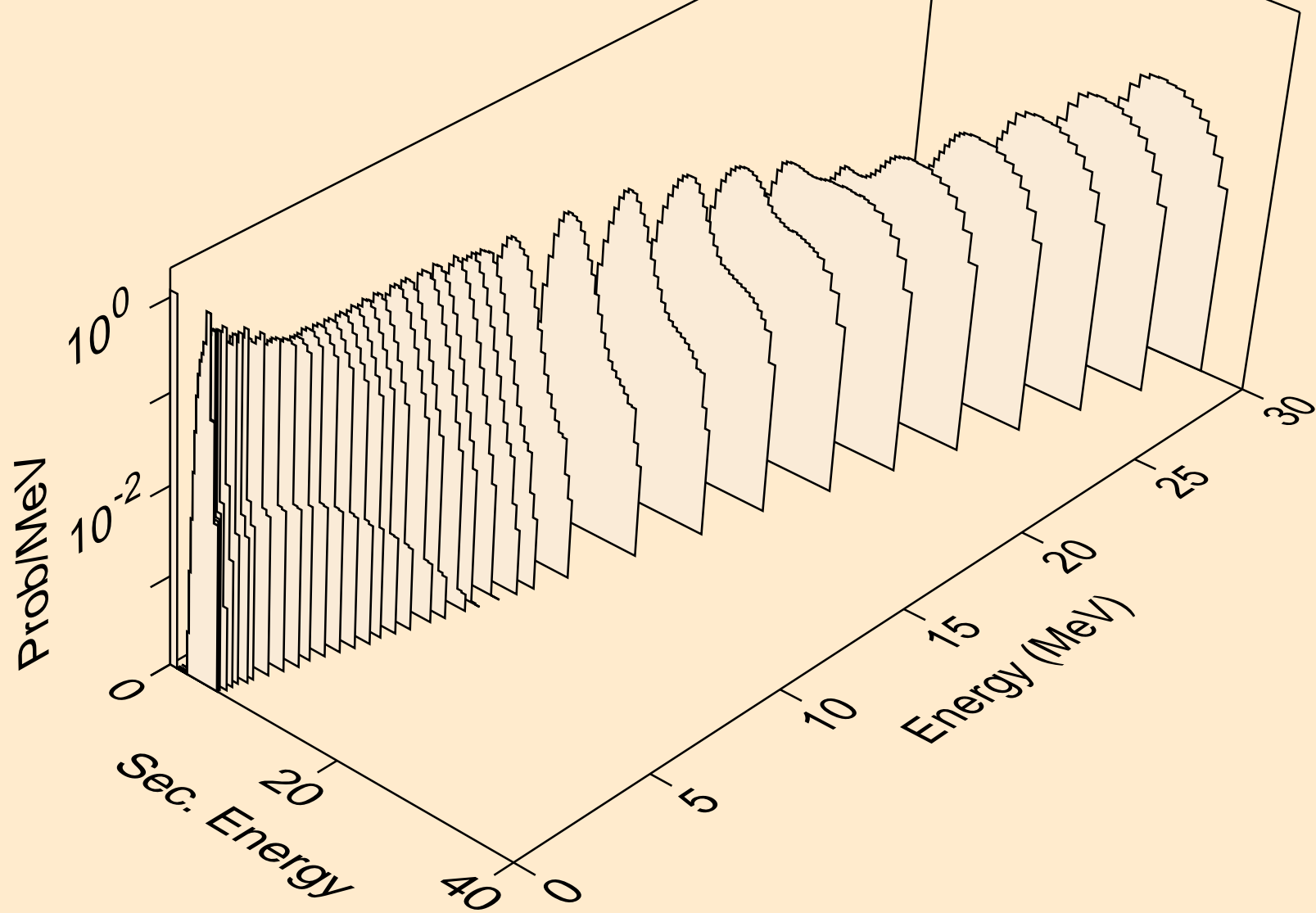
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



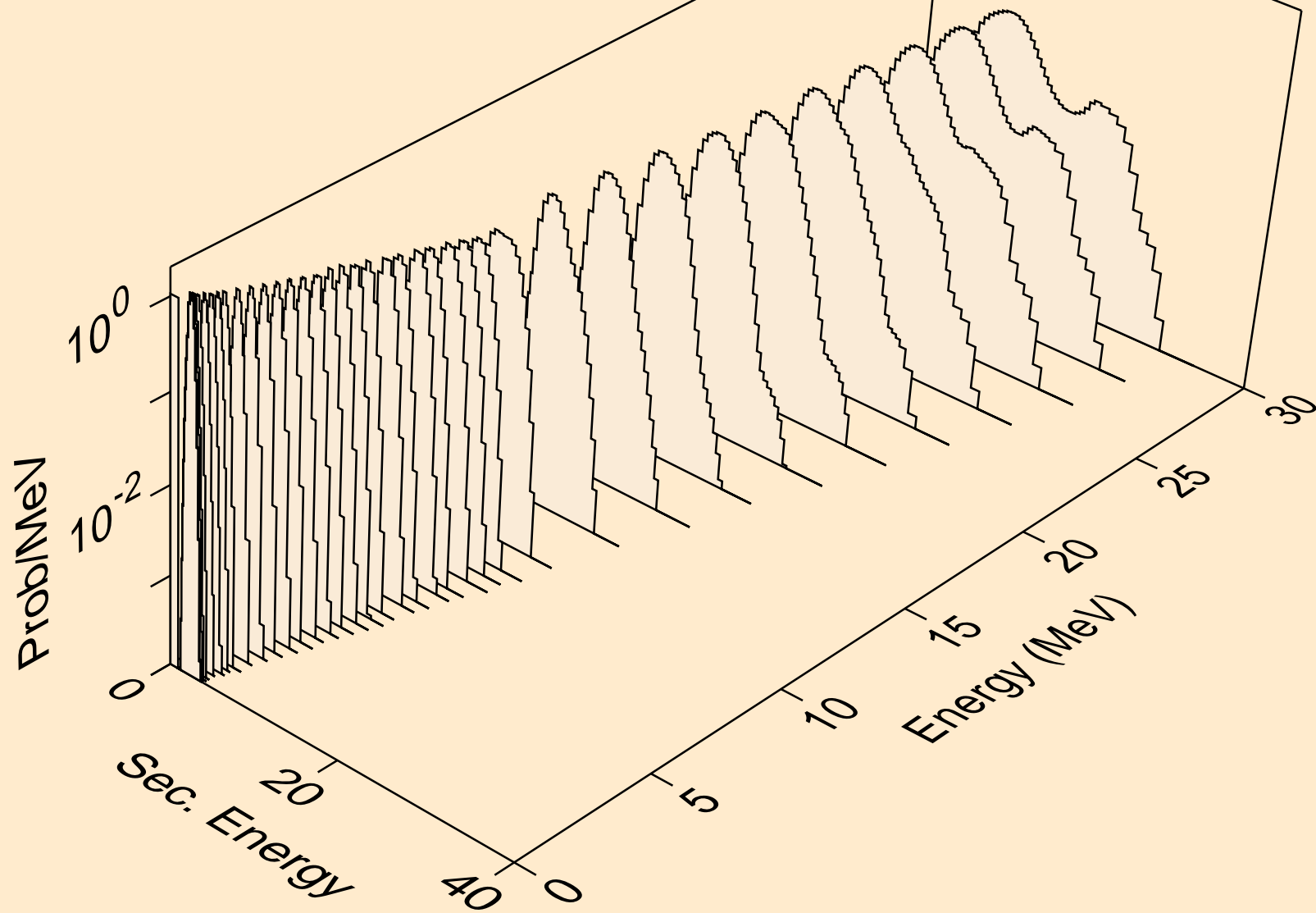
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



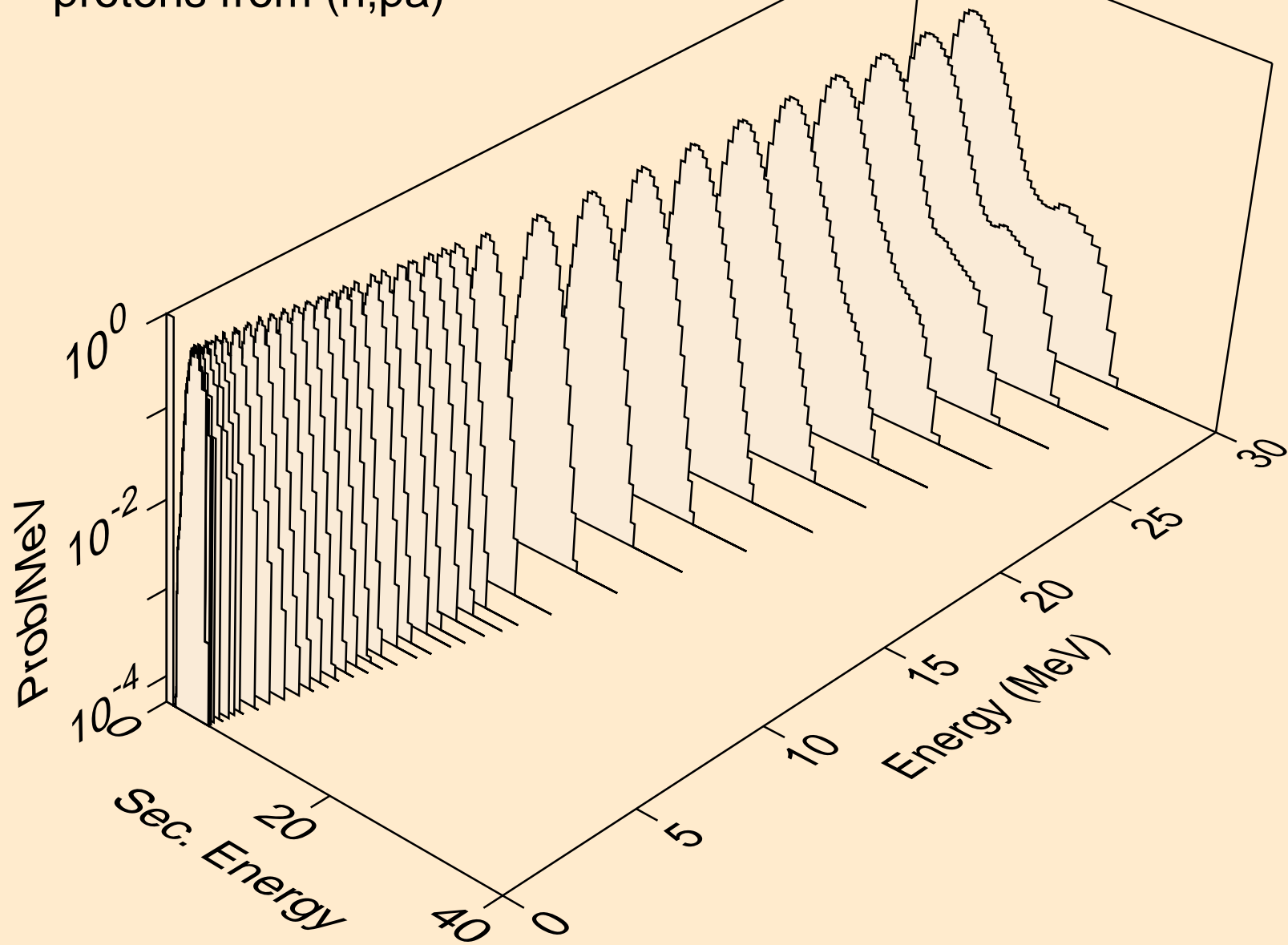
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



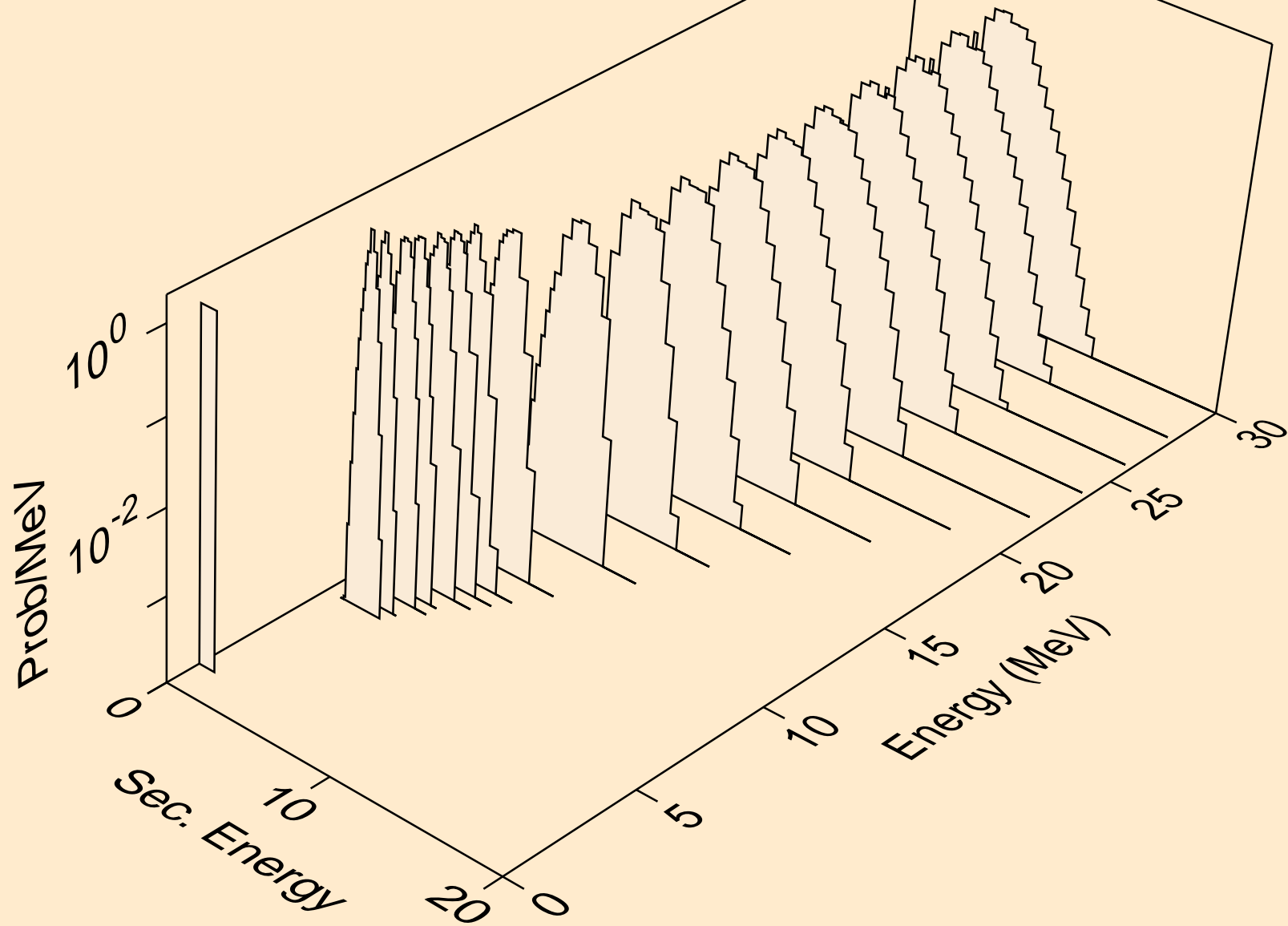
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



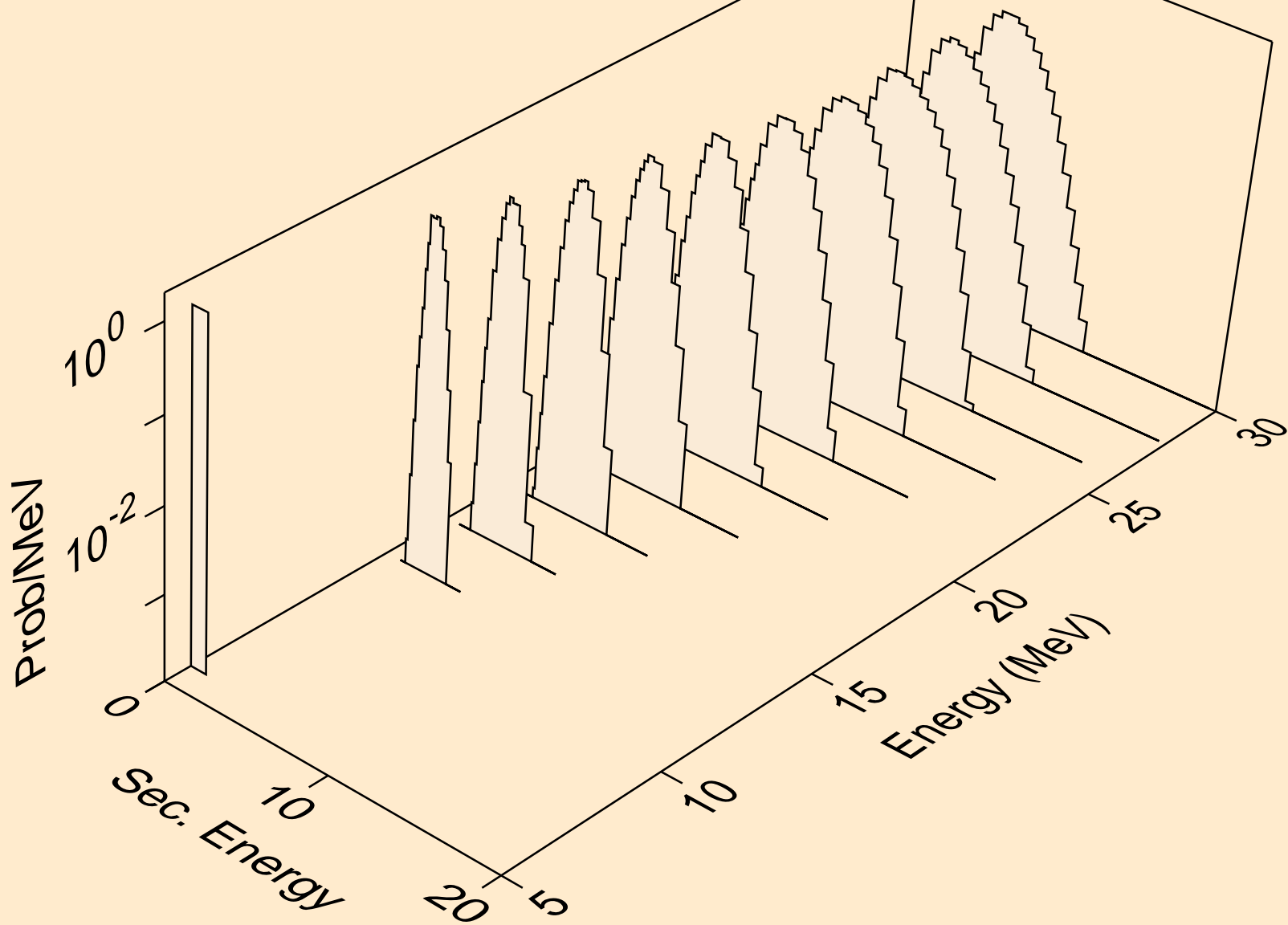
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



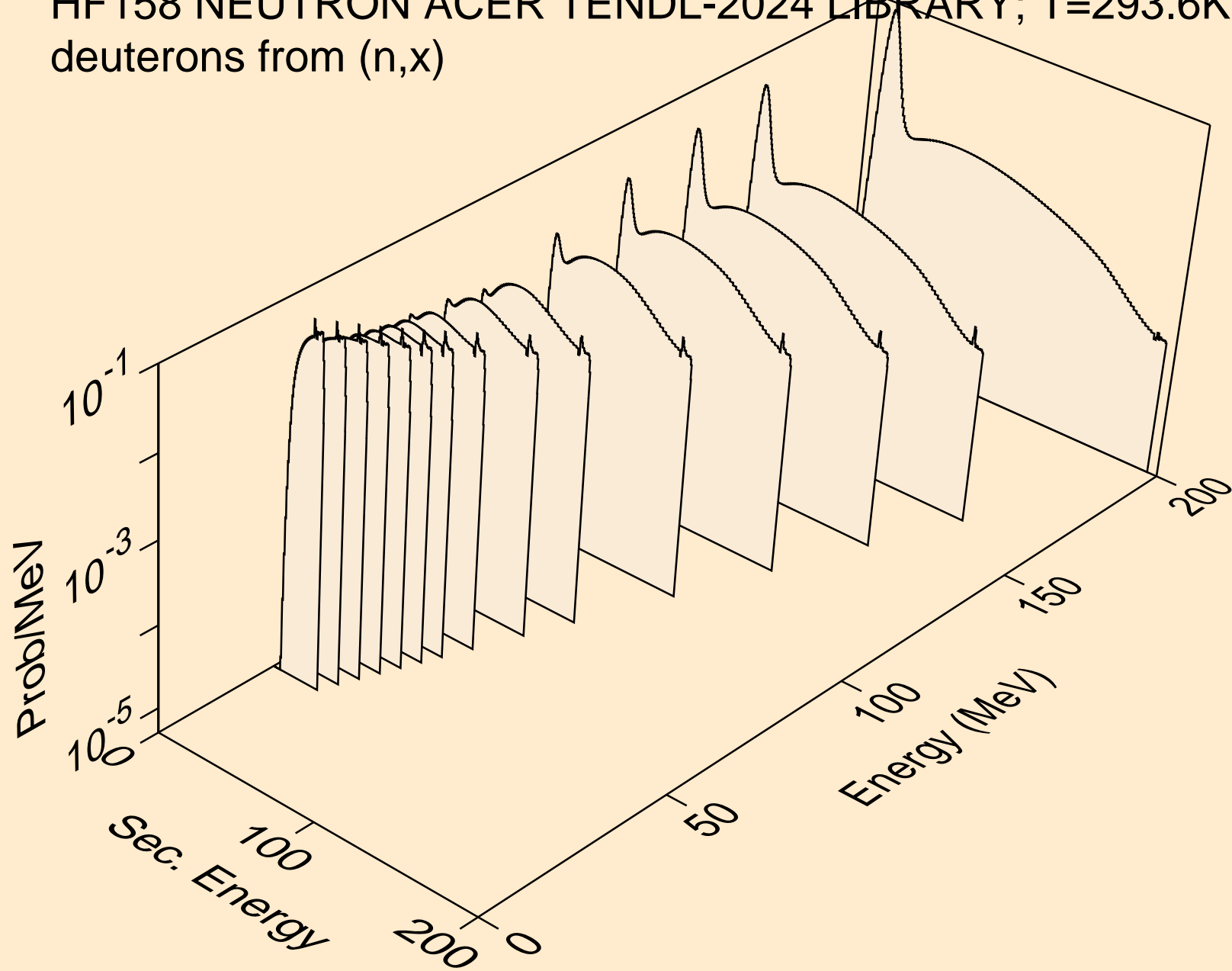
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



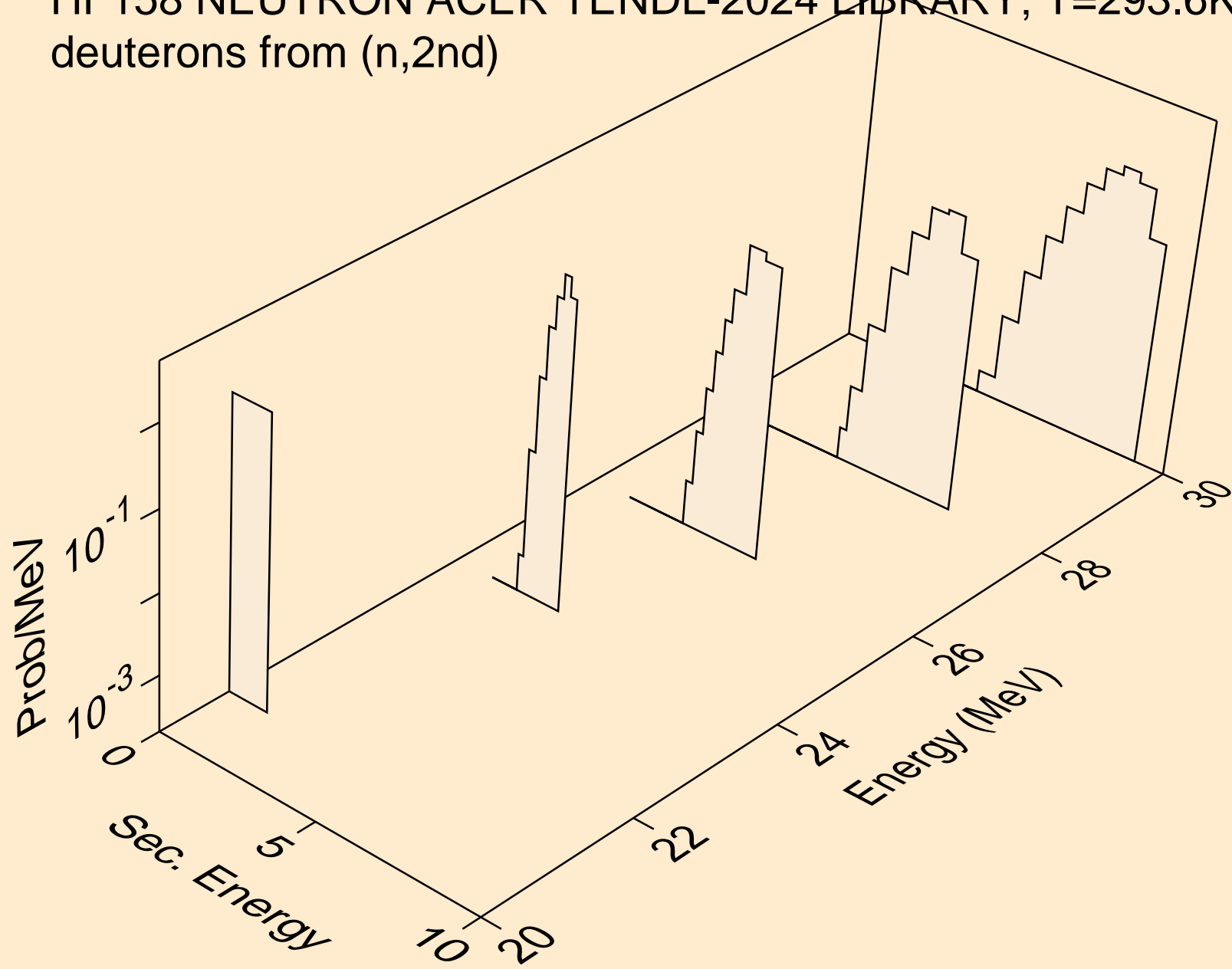
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



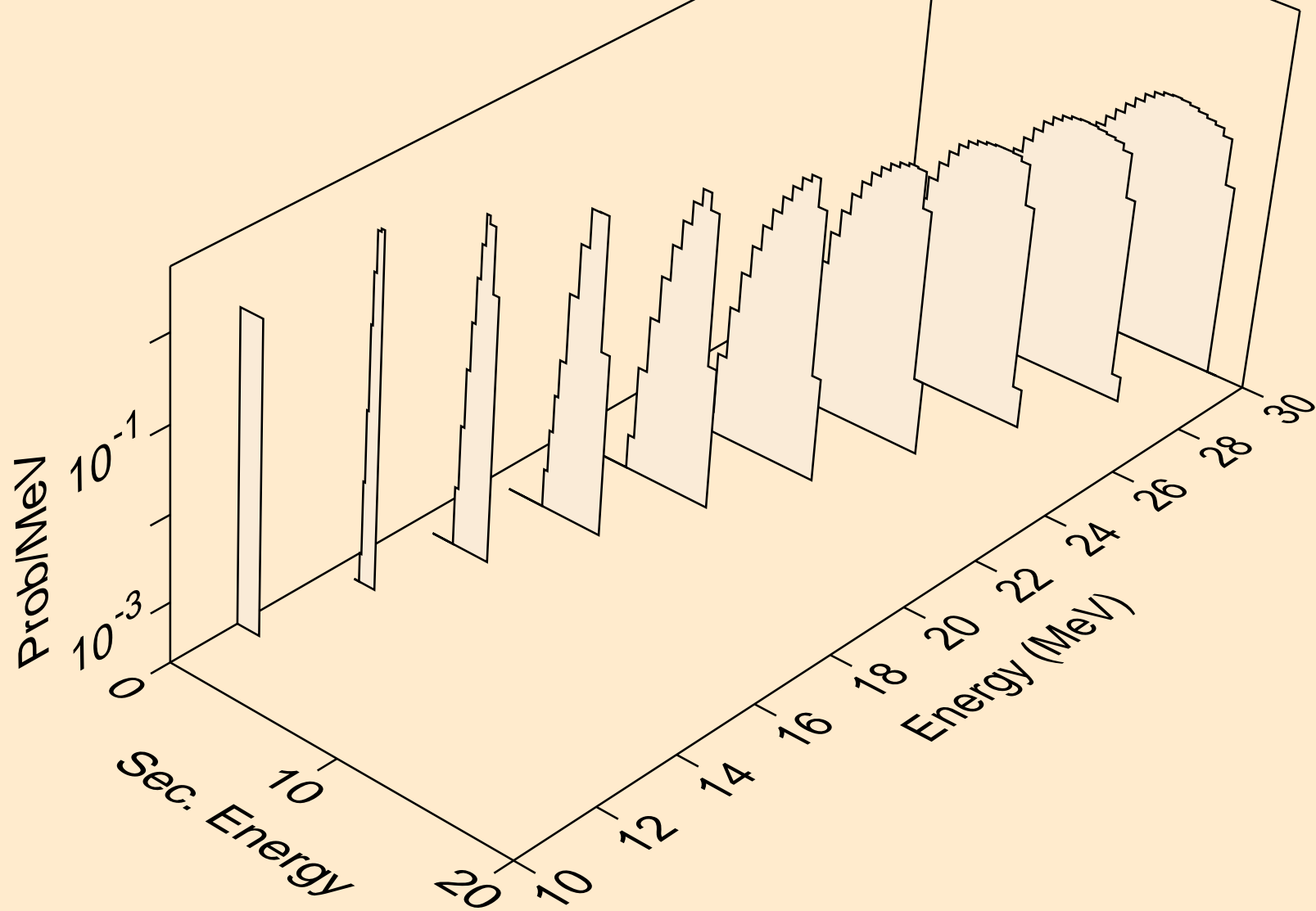
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



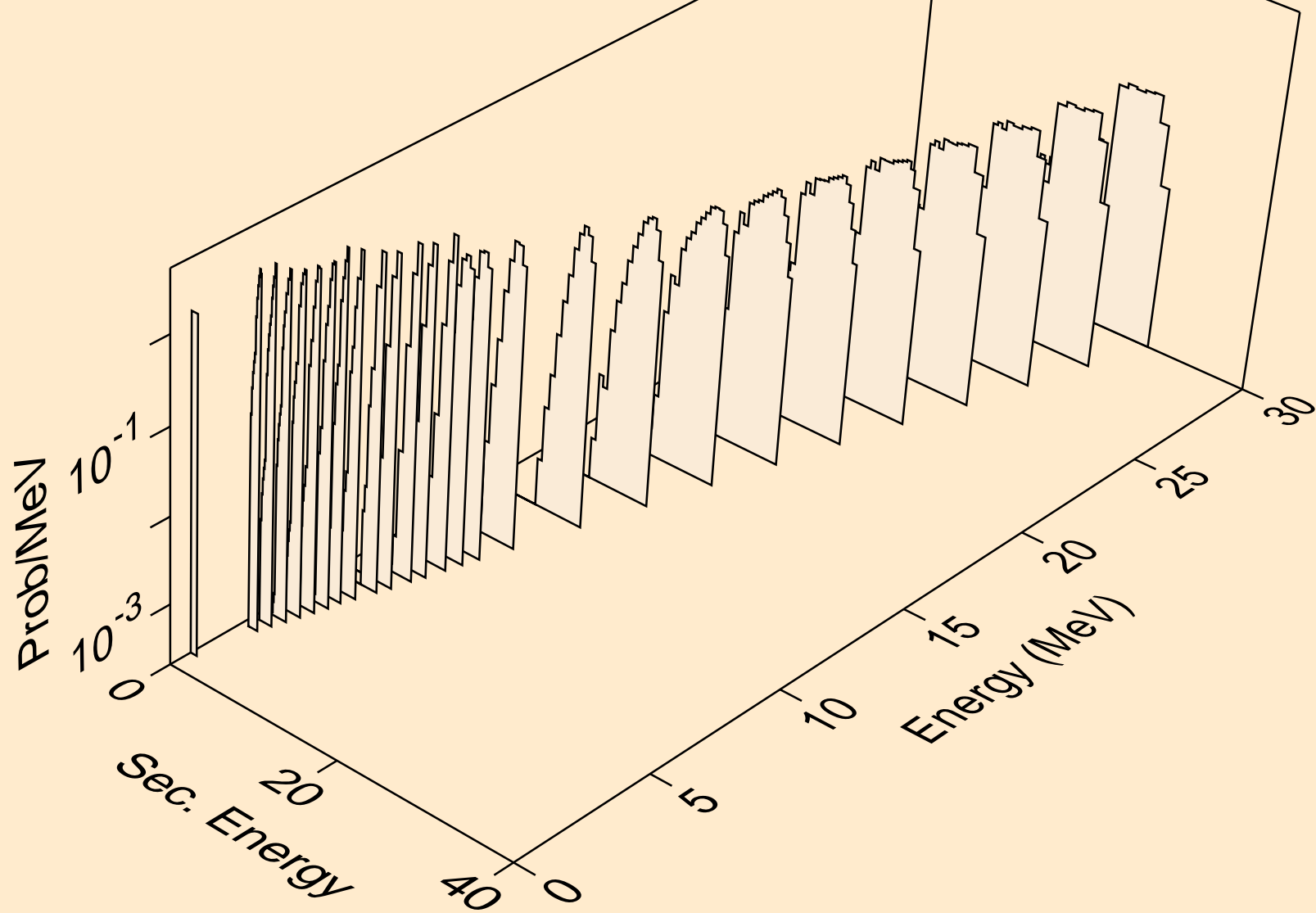
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



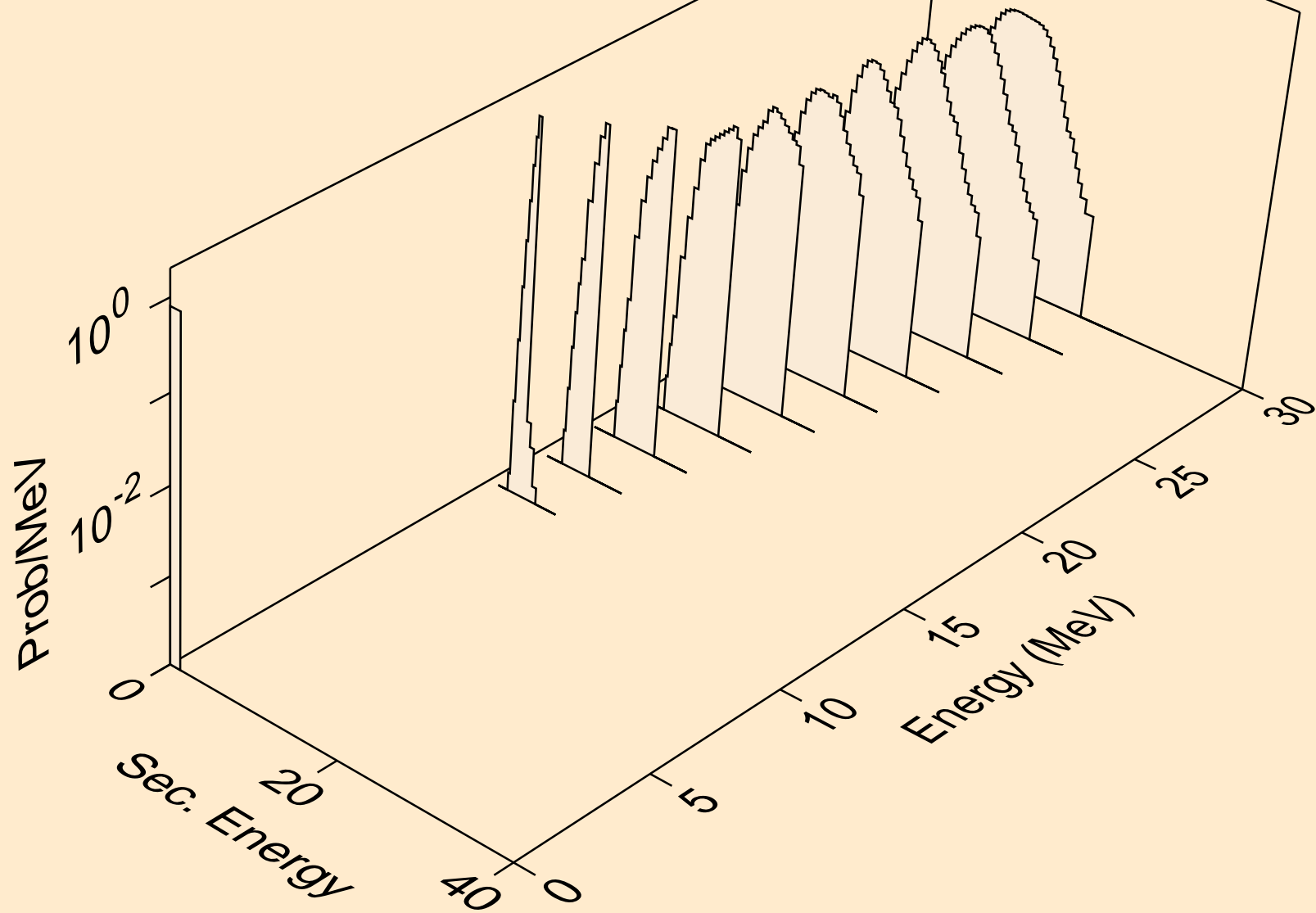
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



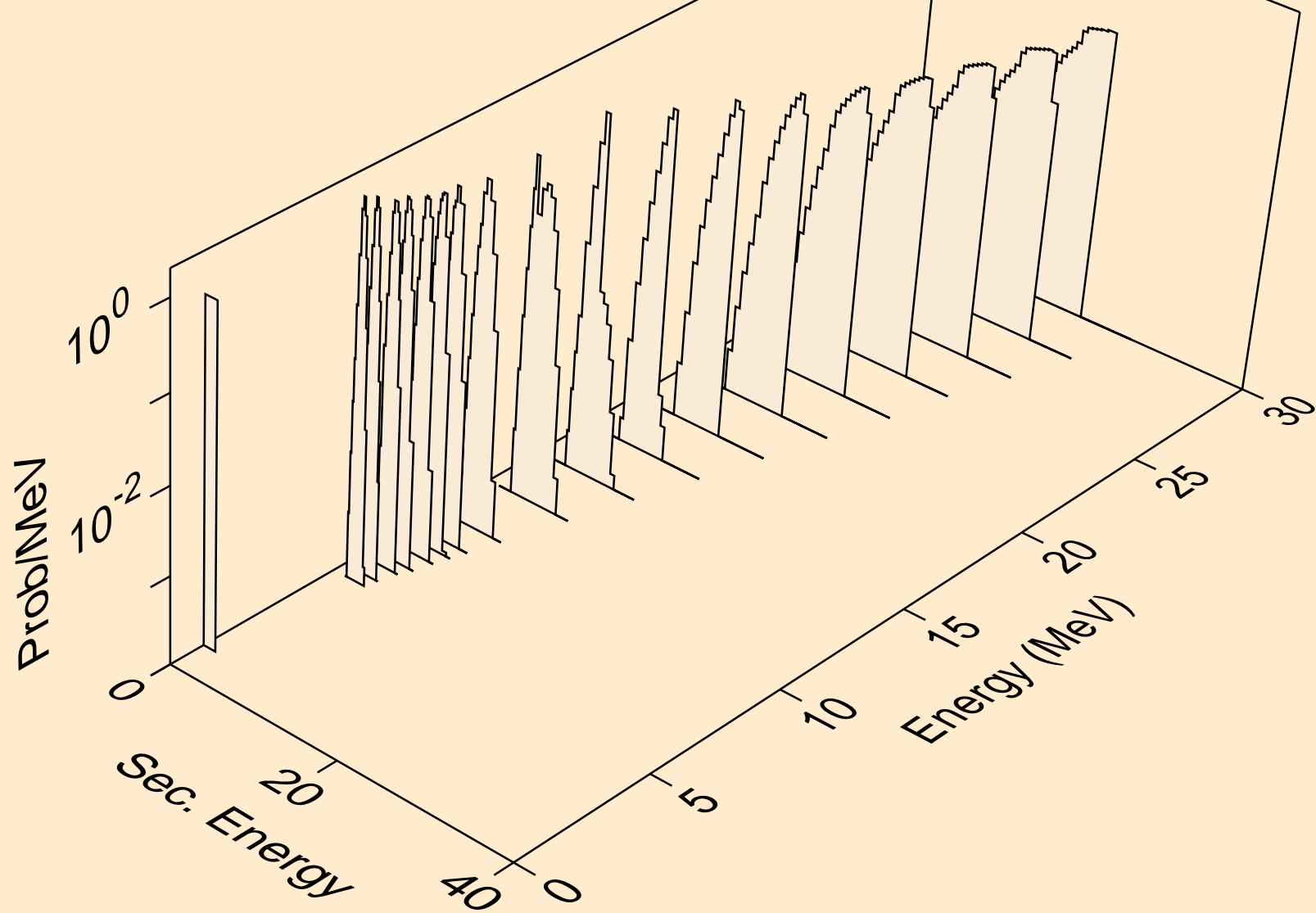
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



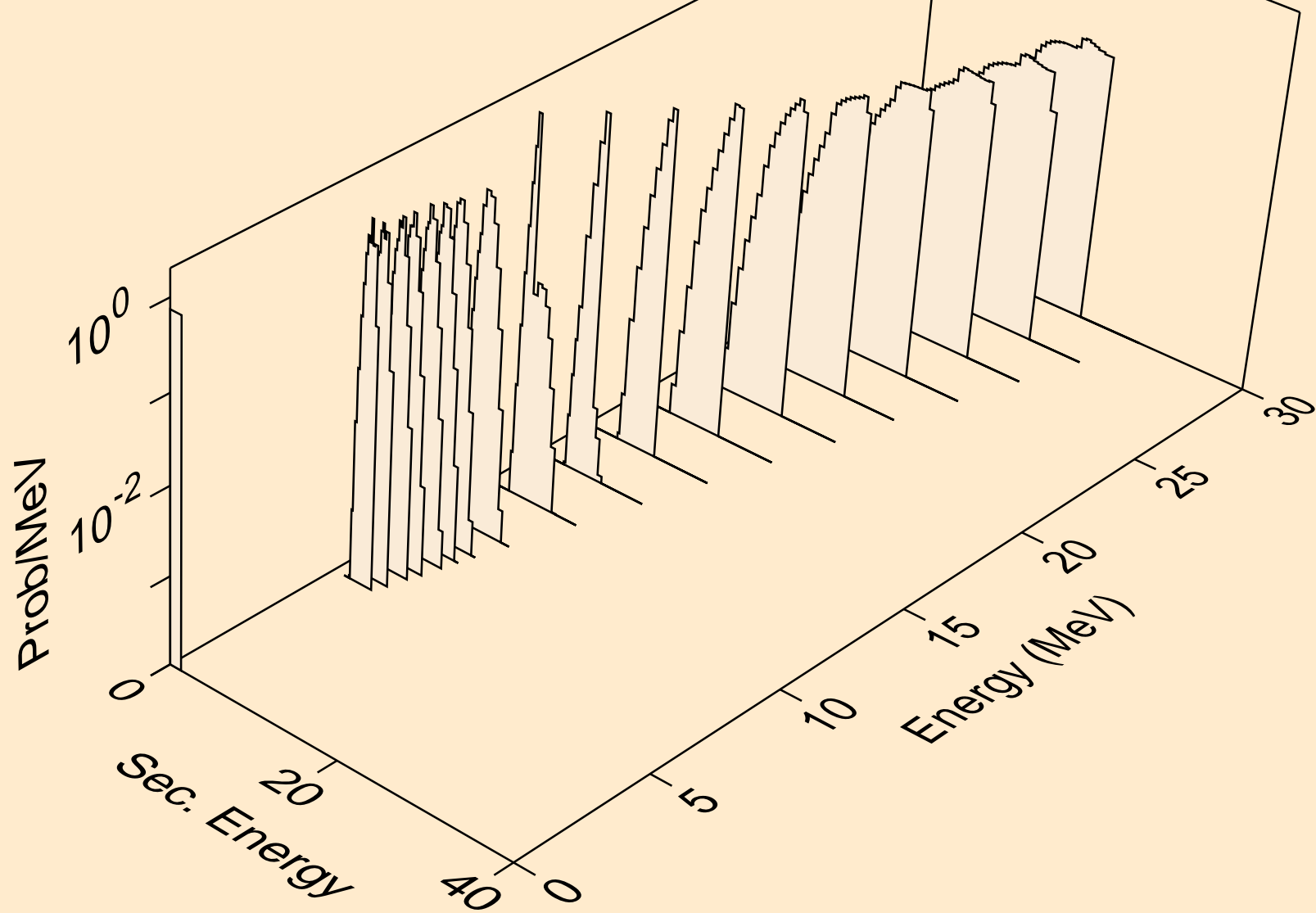
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d2a)



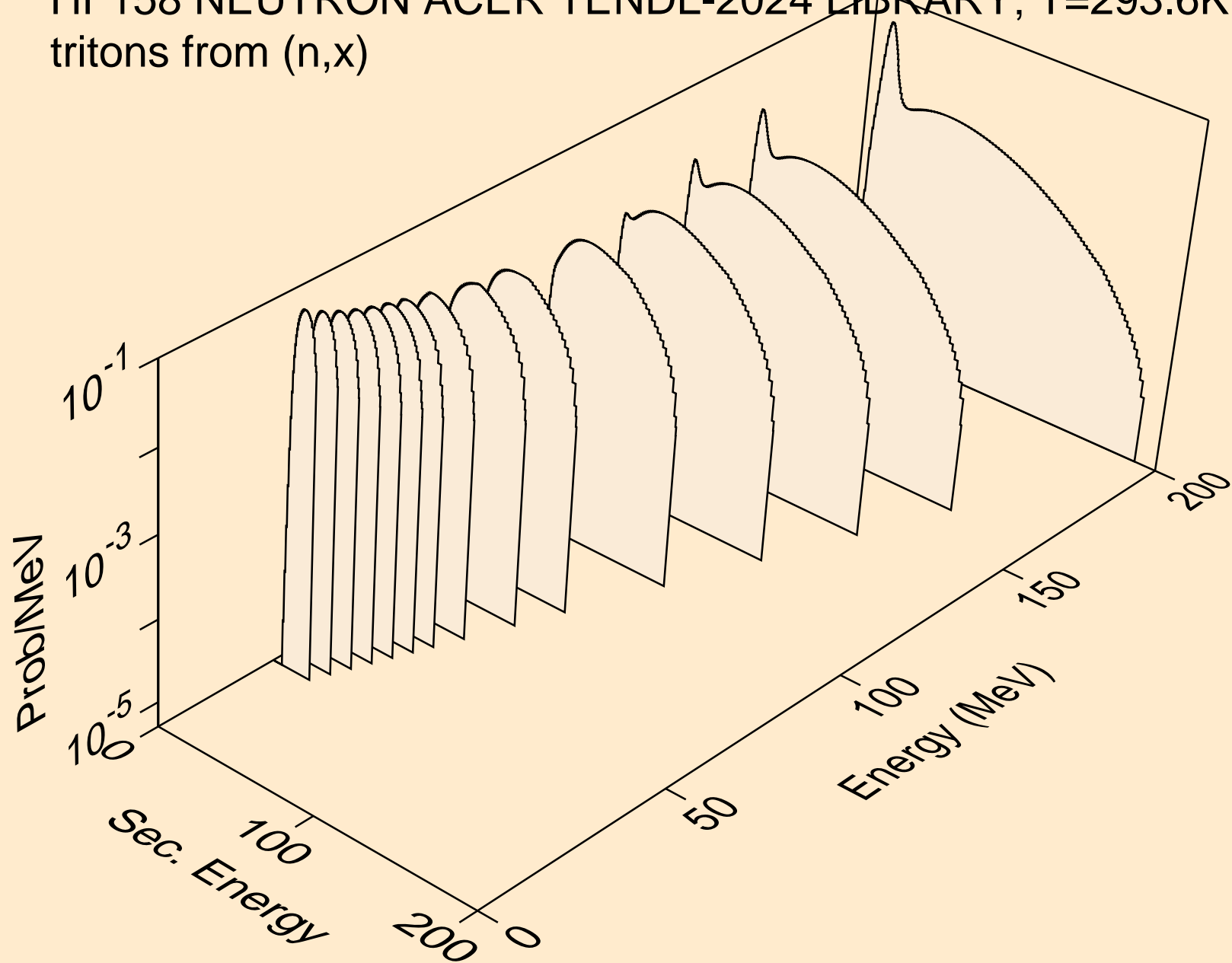
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



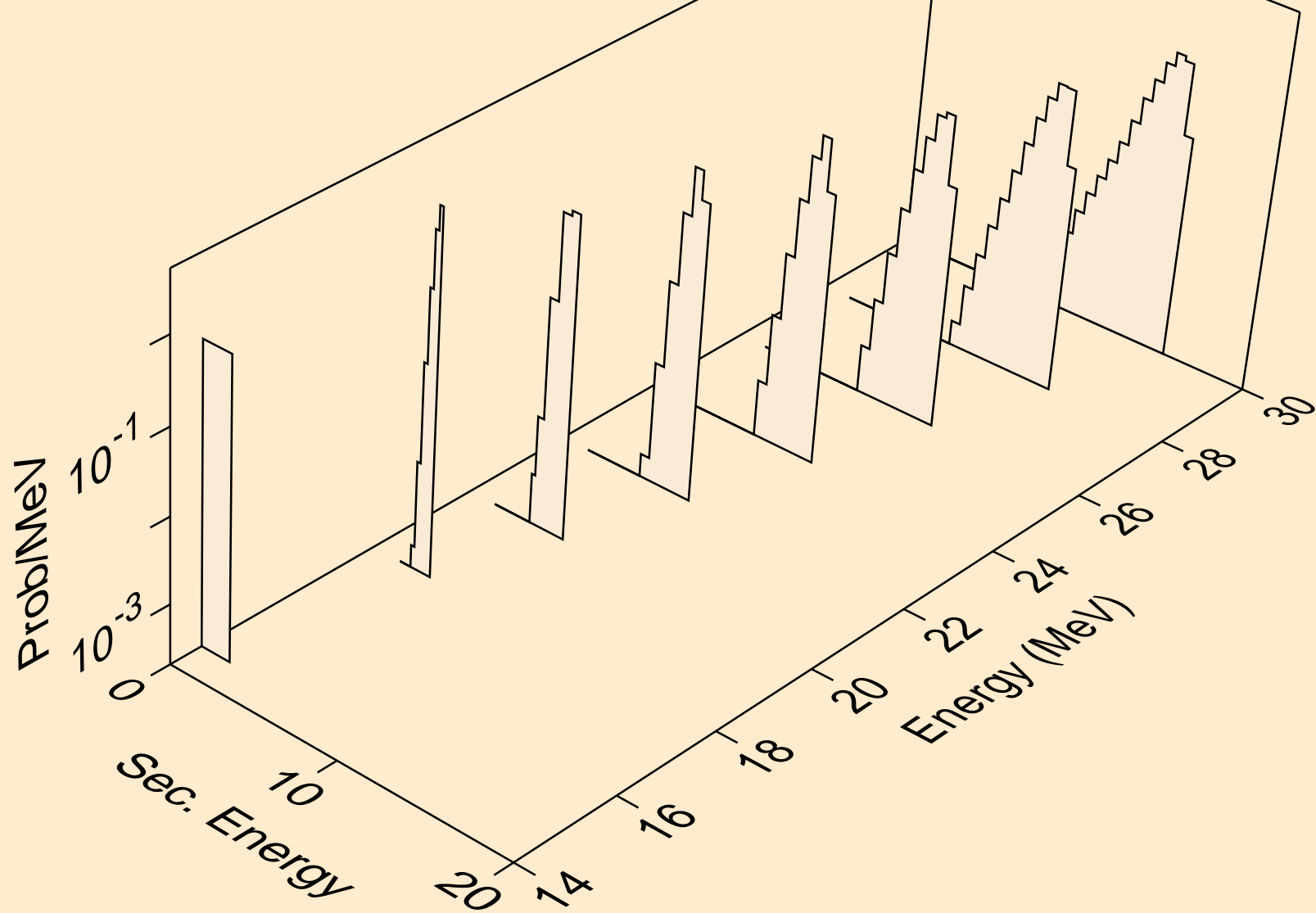
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



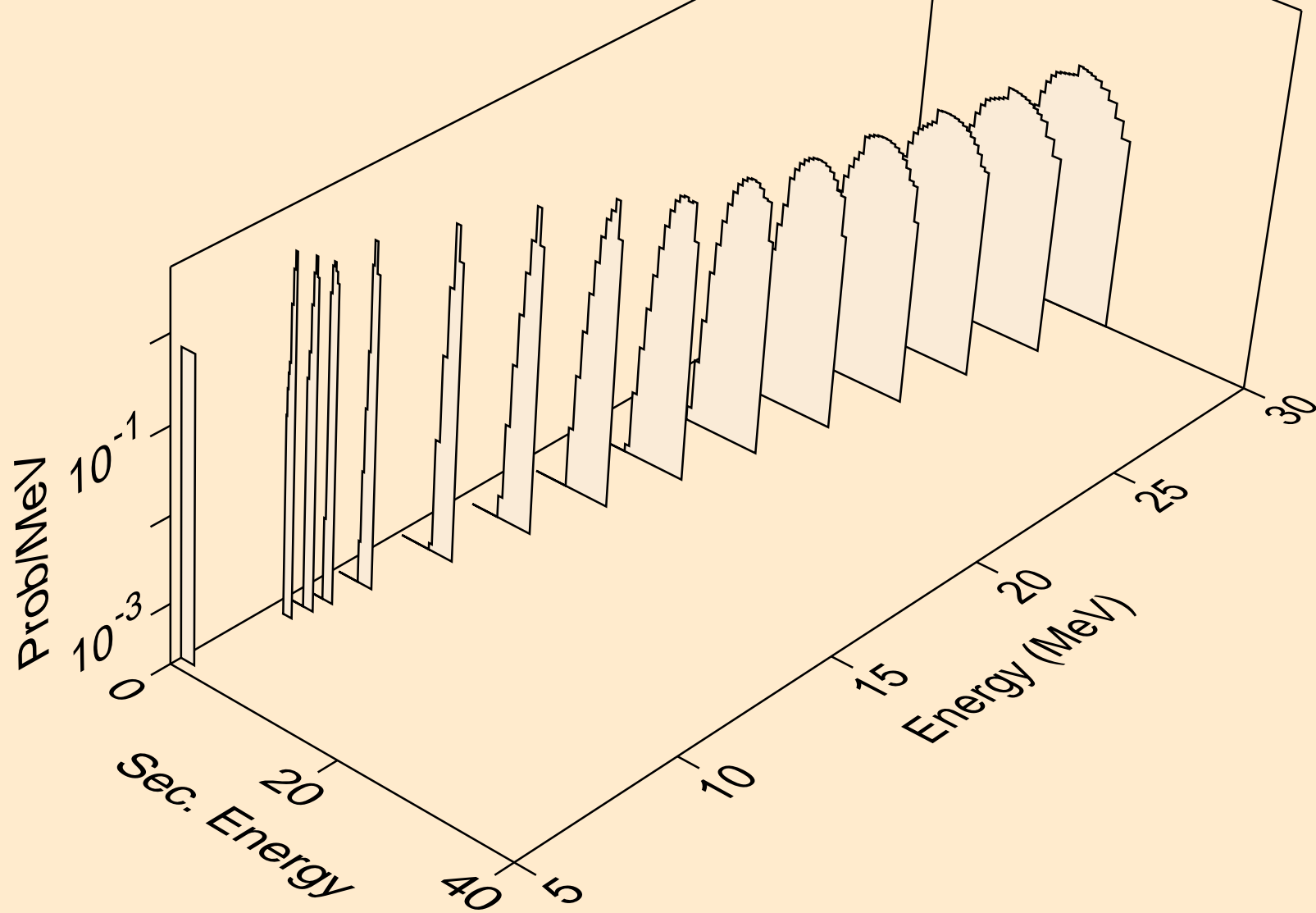
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



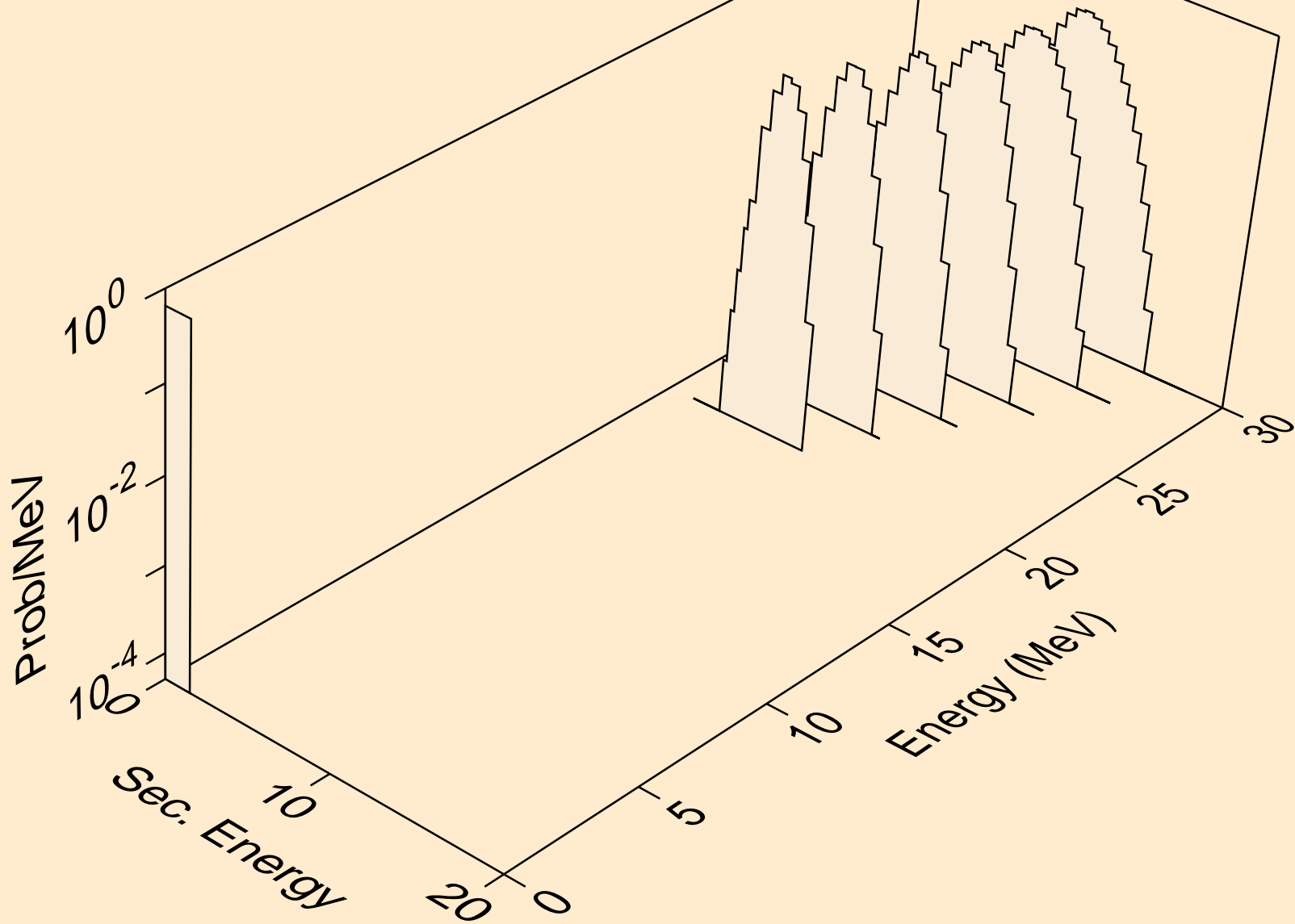
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



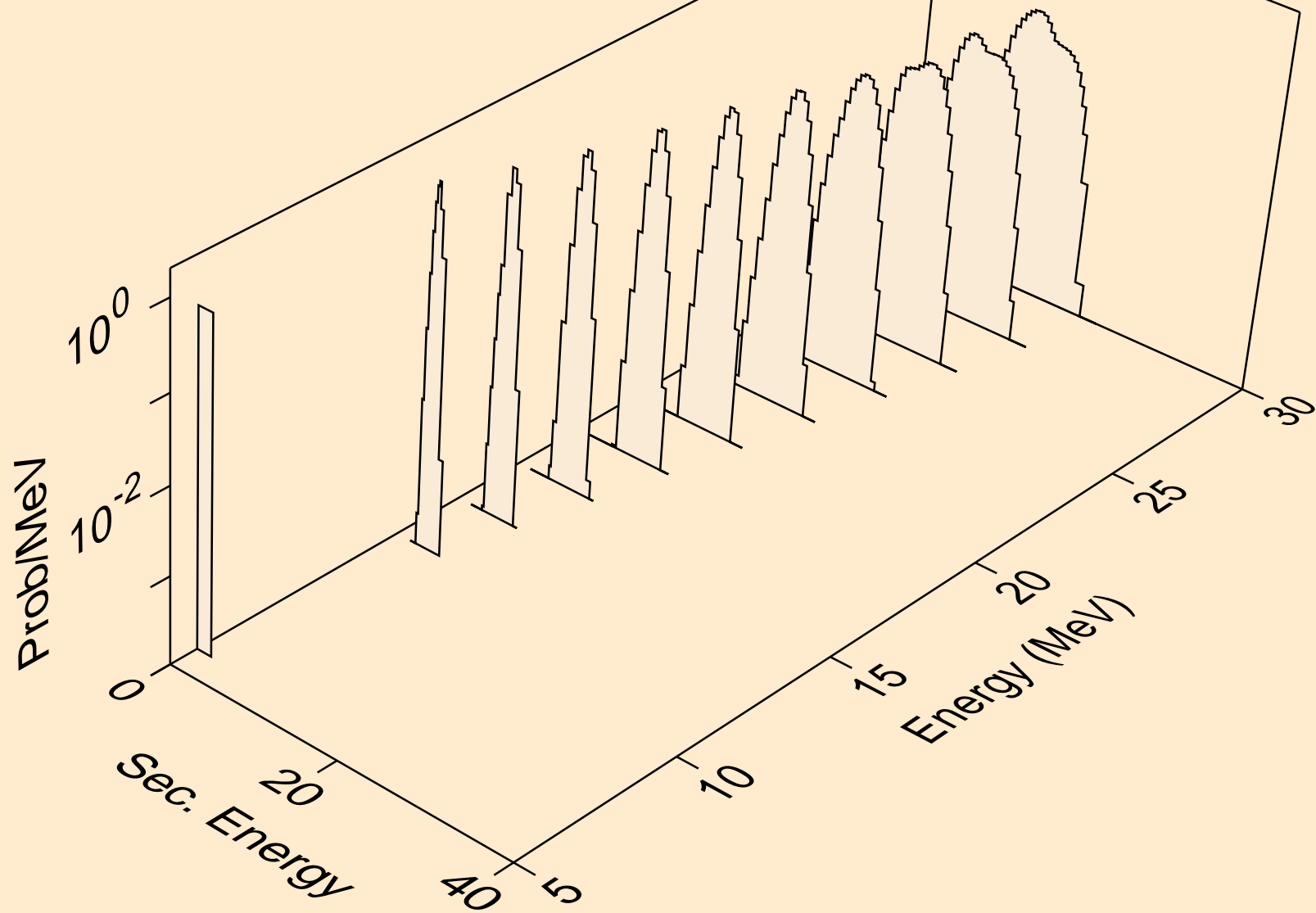
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



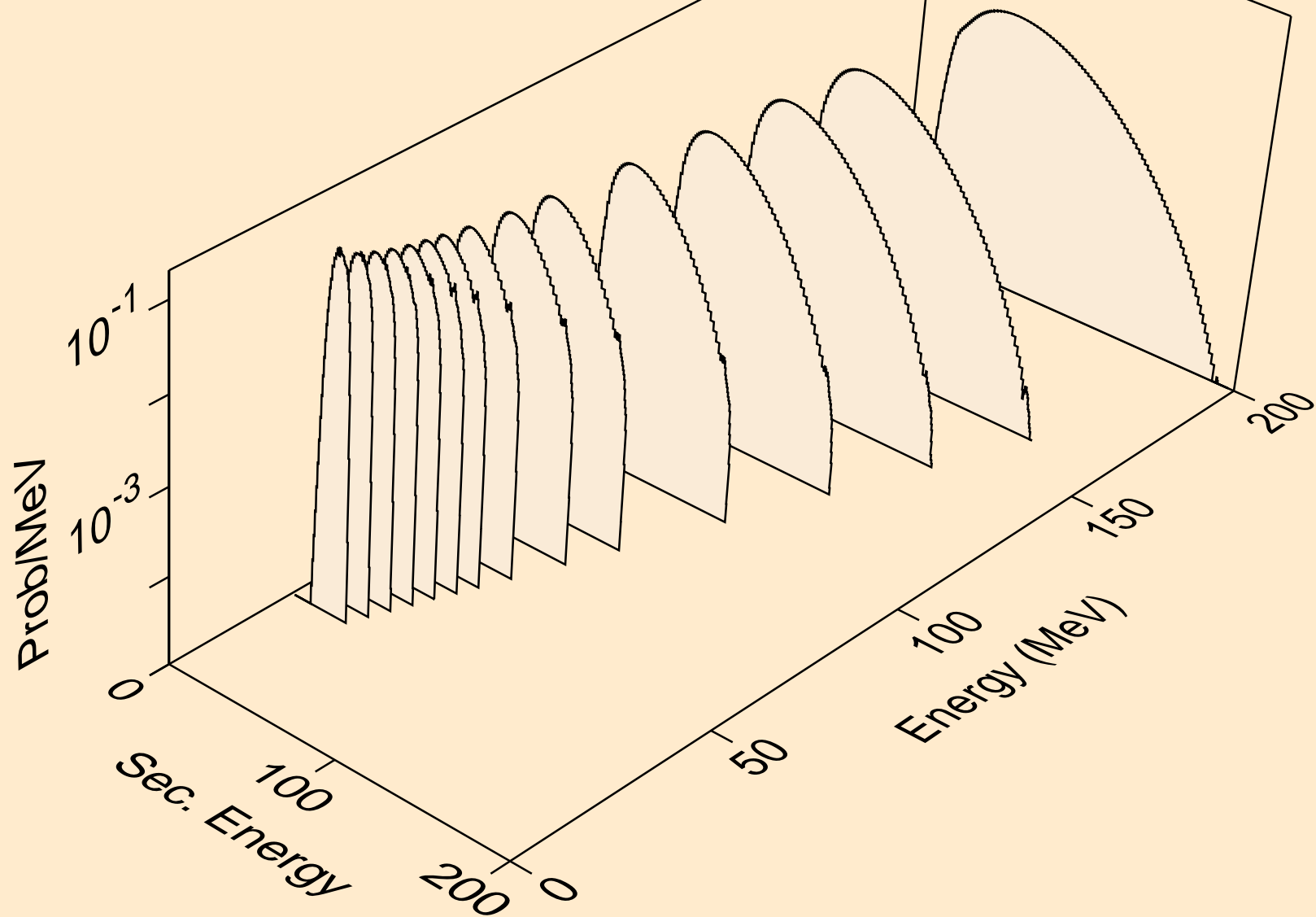
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t2a)



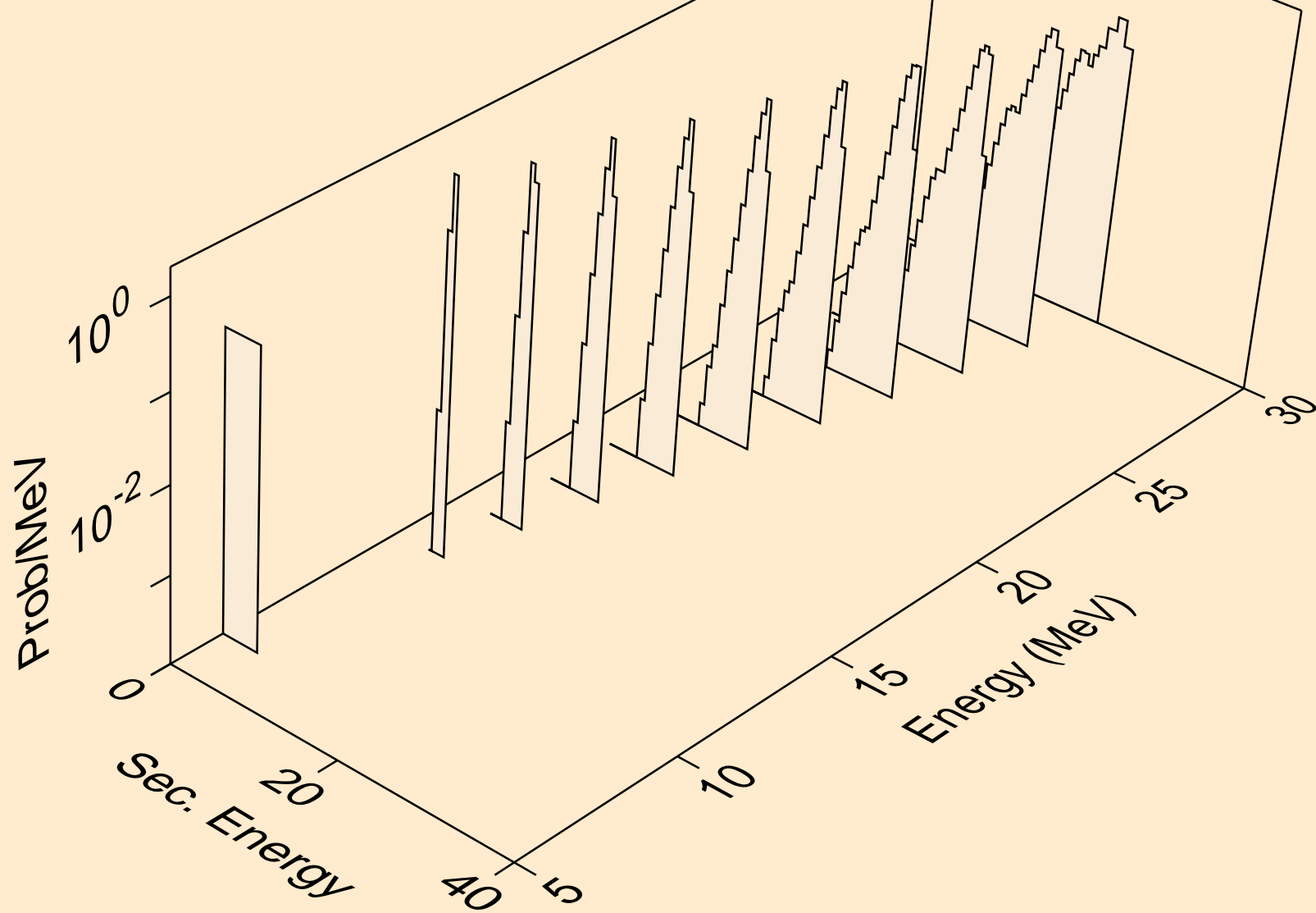
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



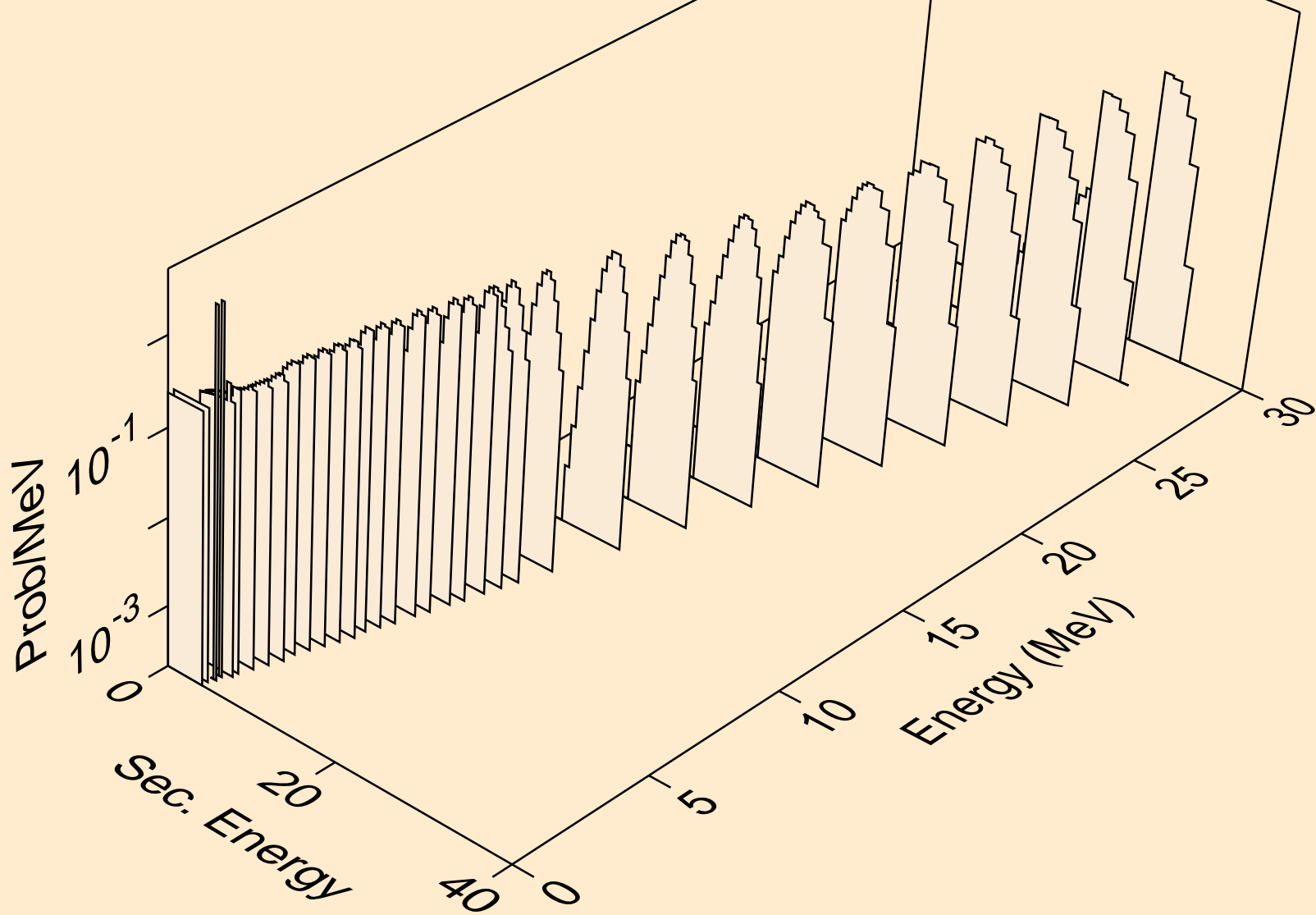
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



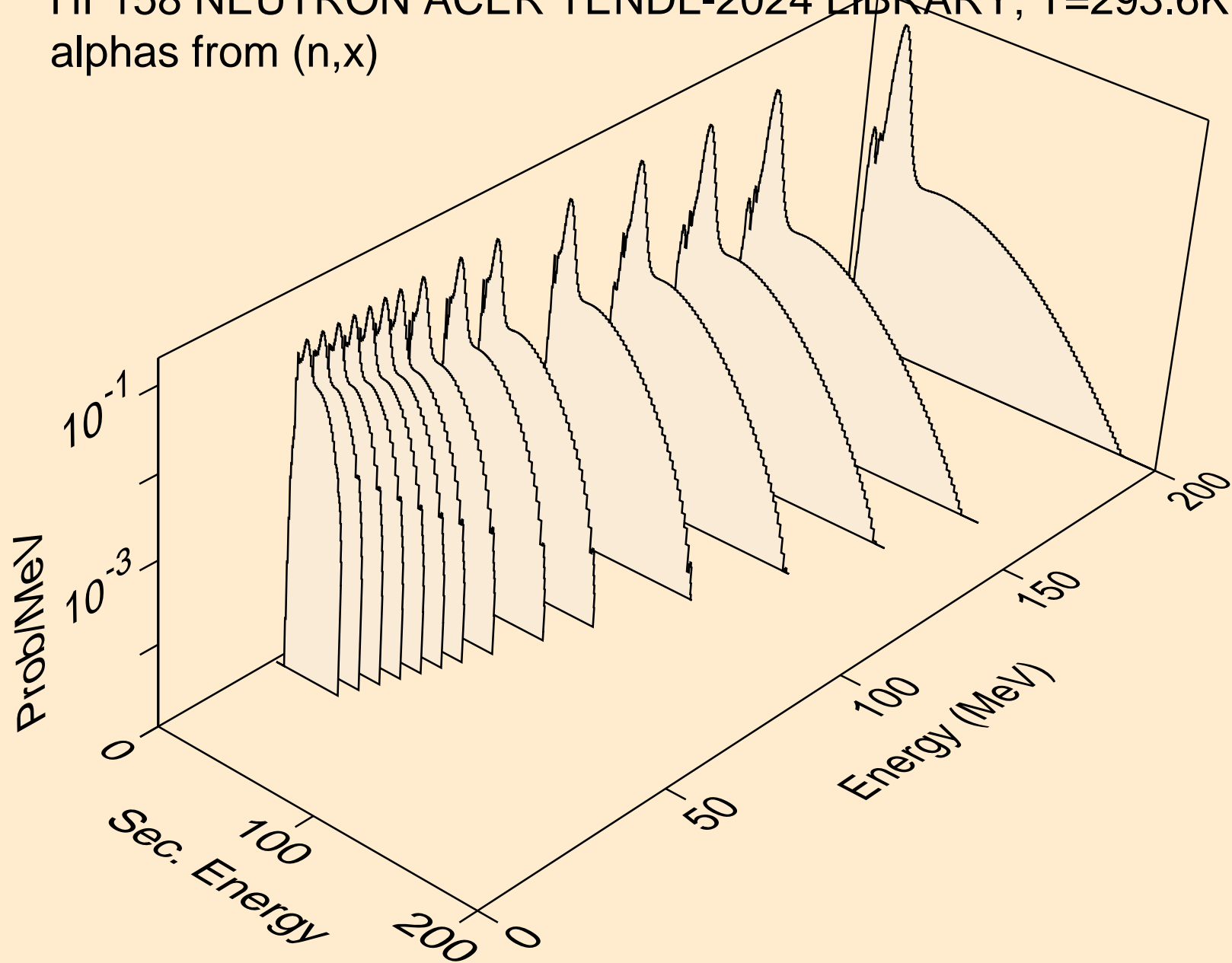
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



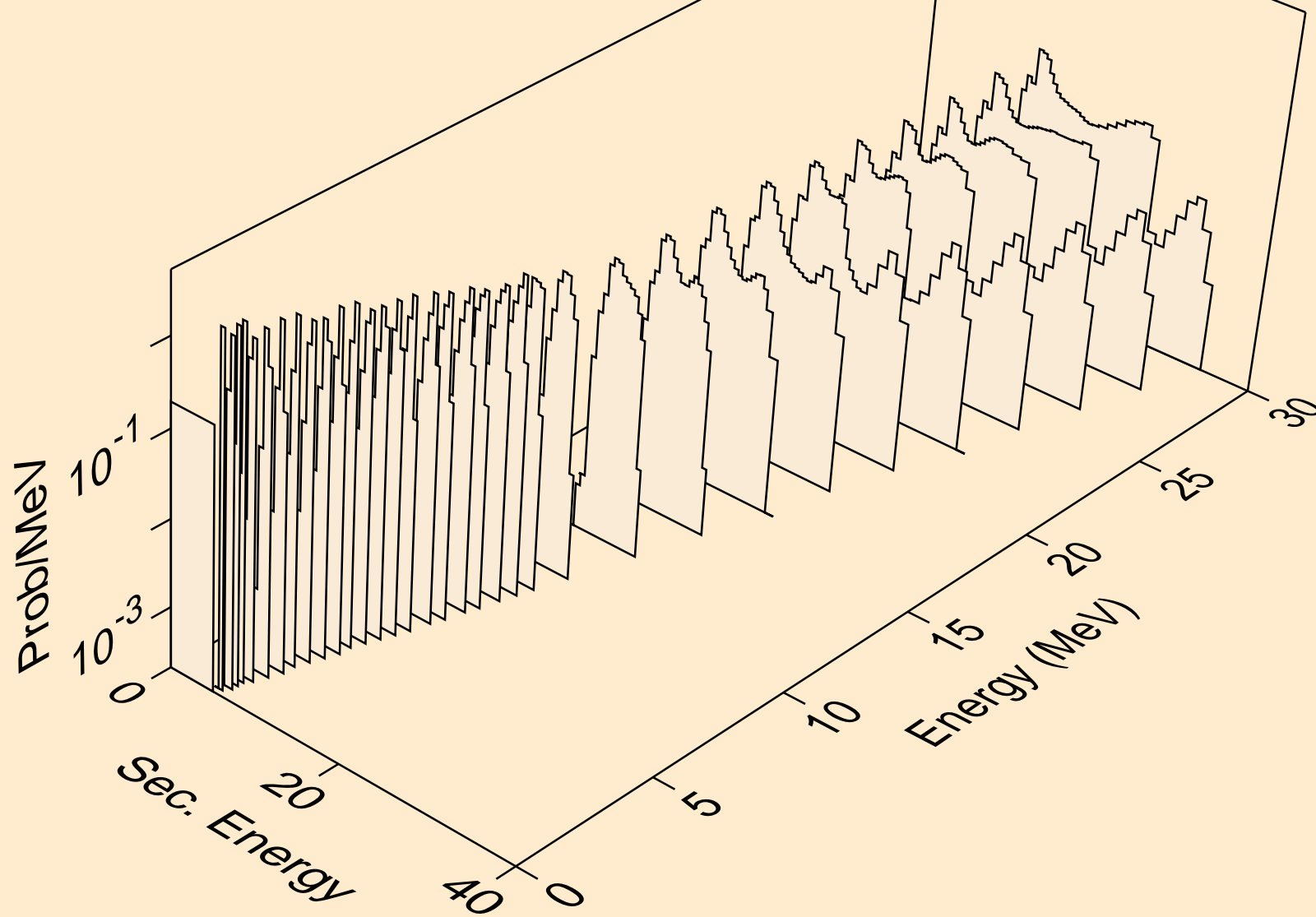
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



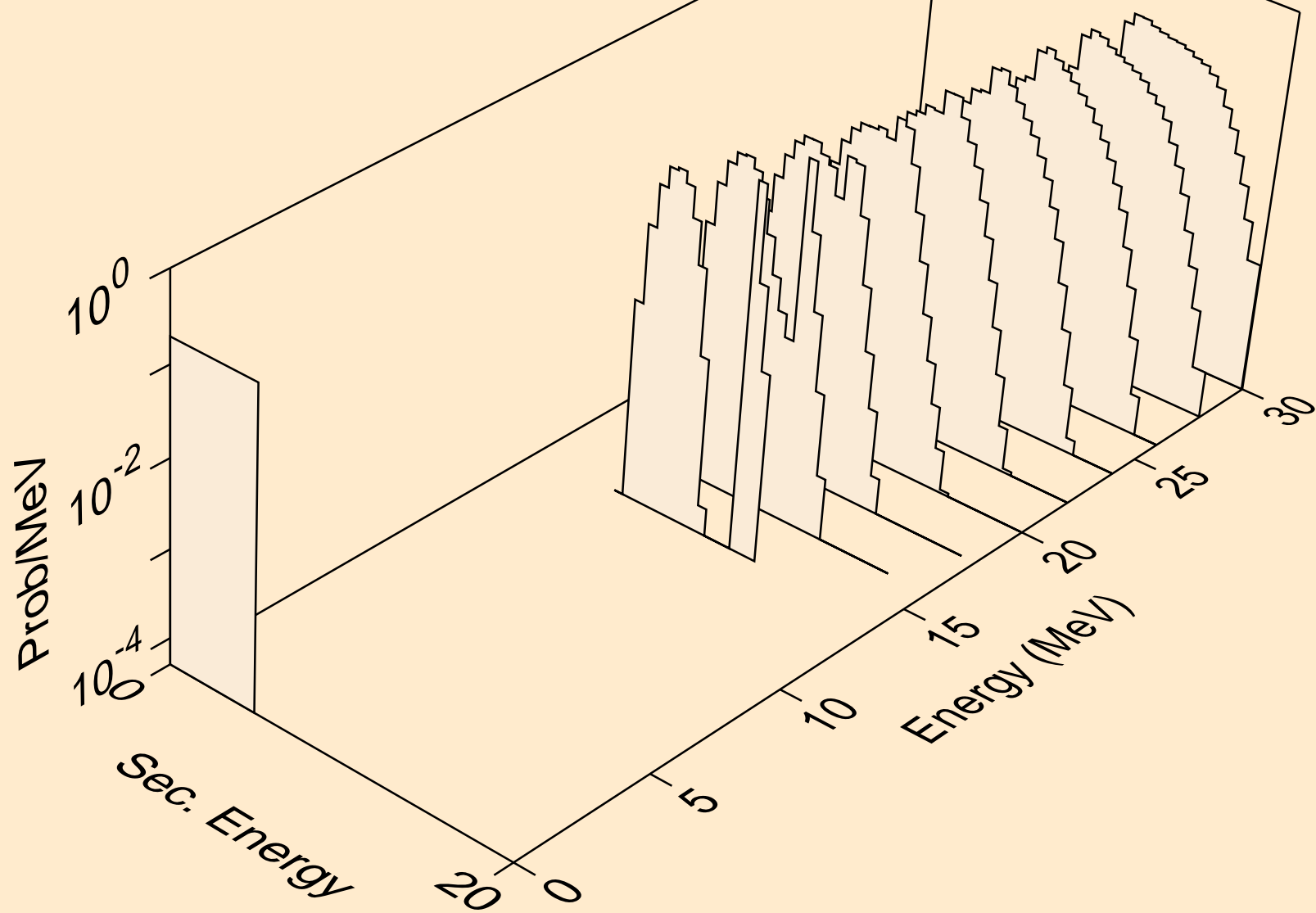
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



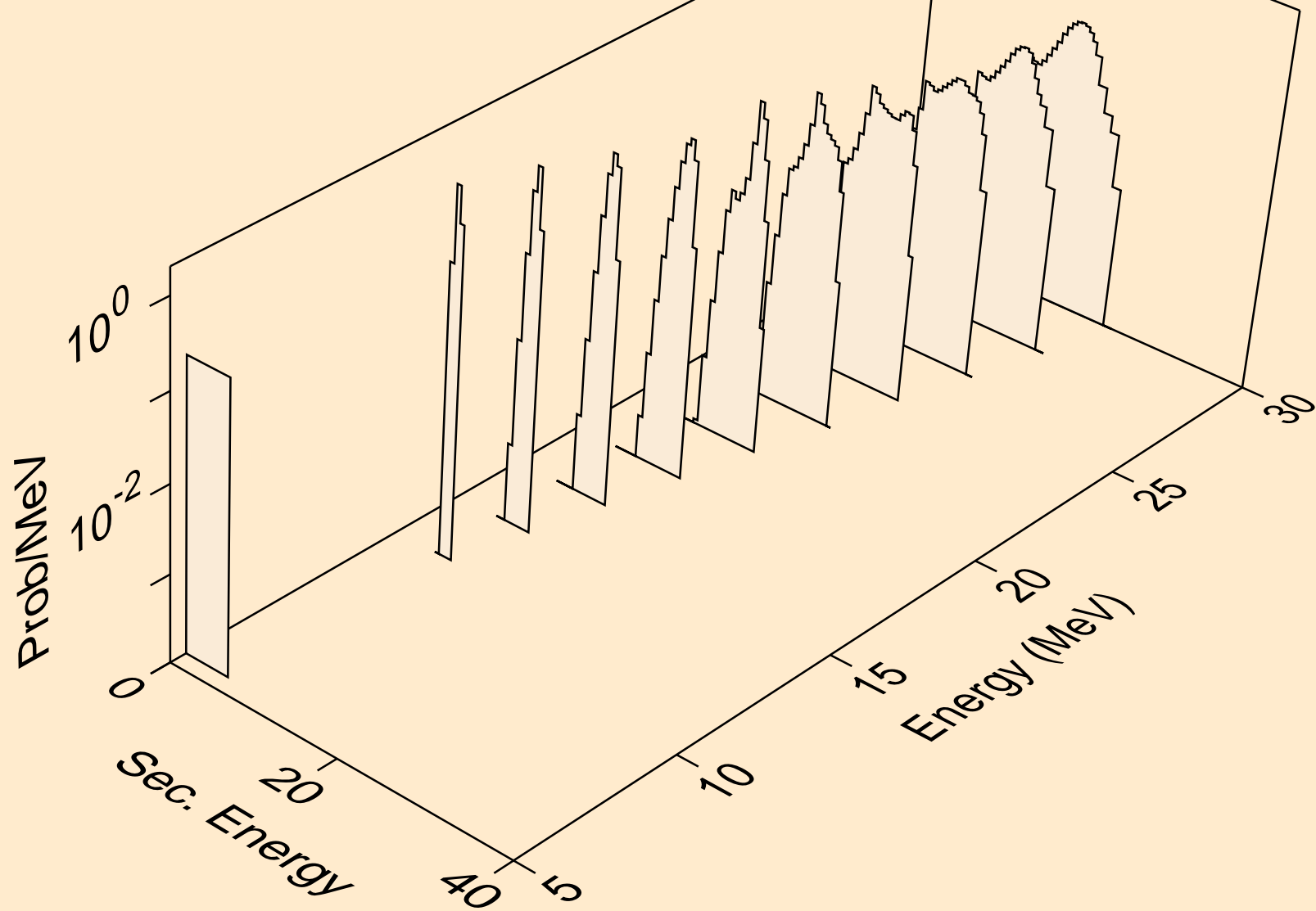
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



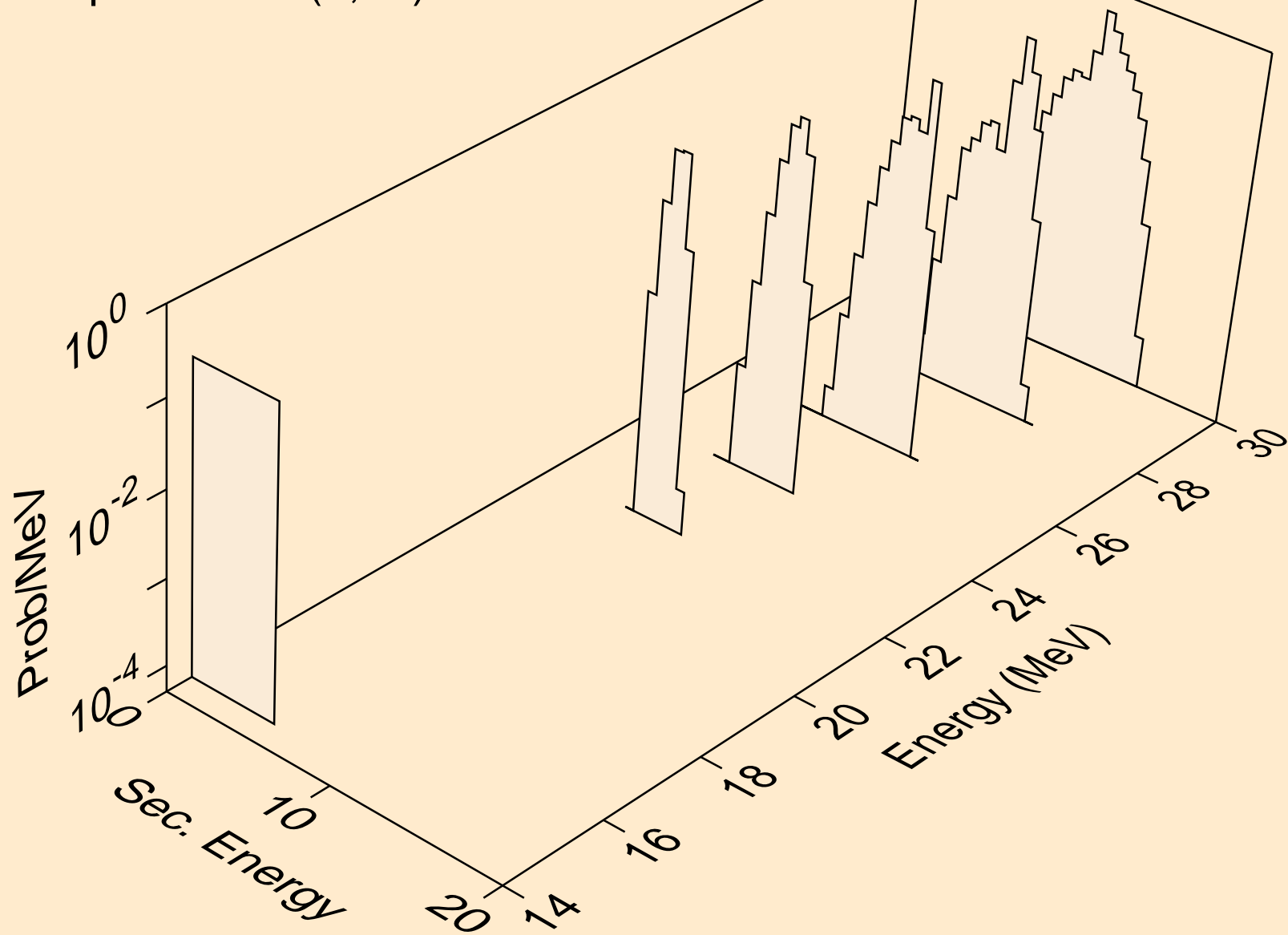
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)3a



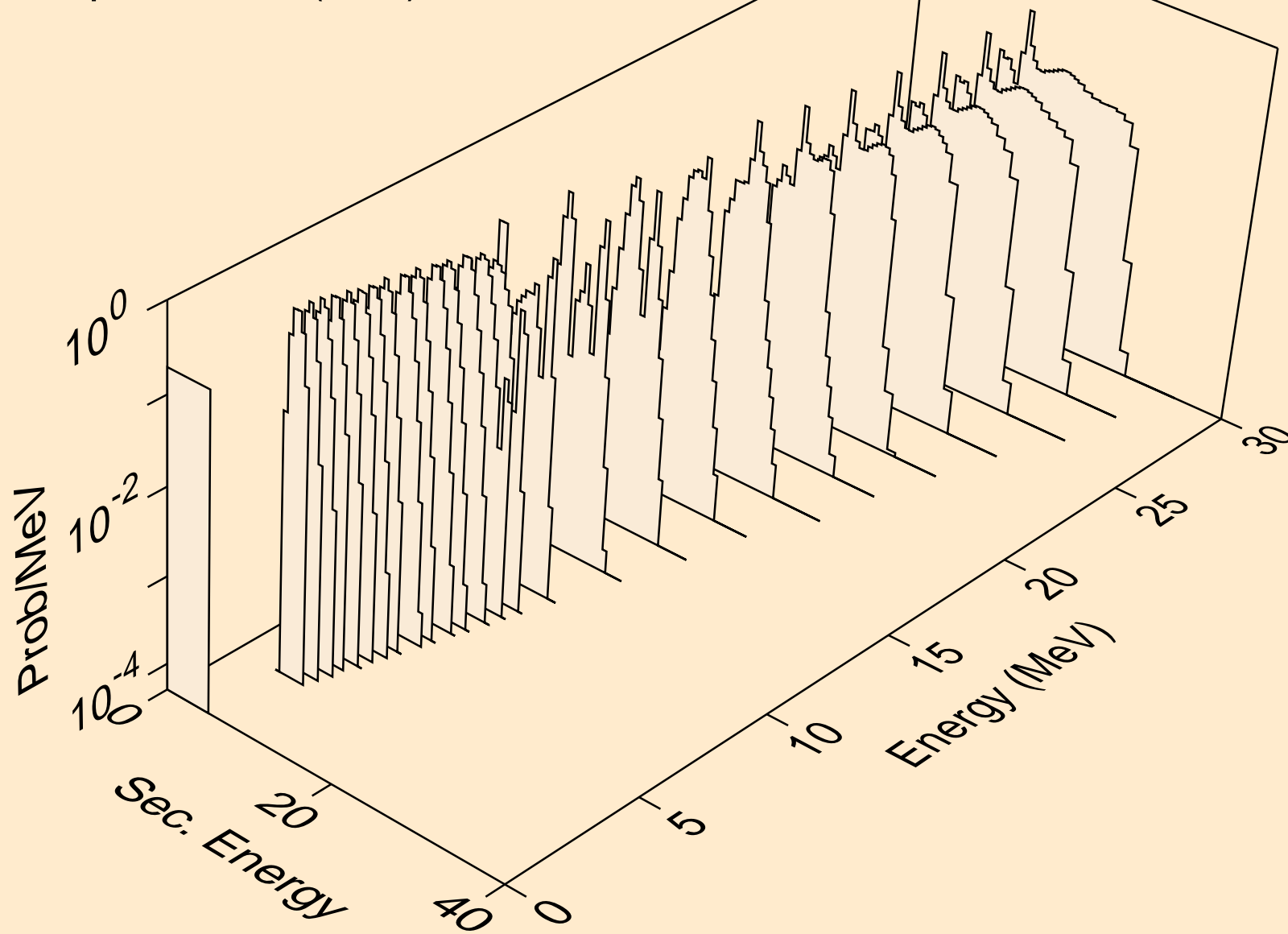
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



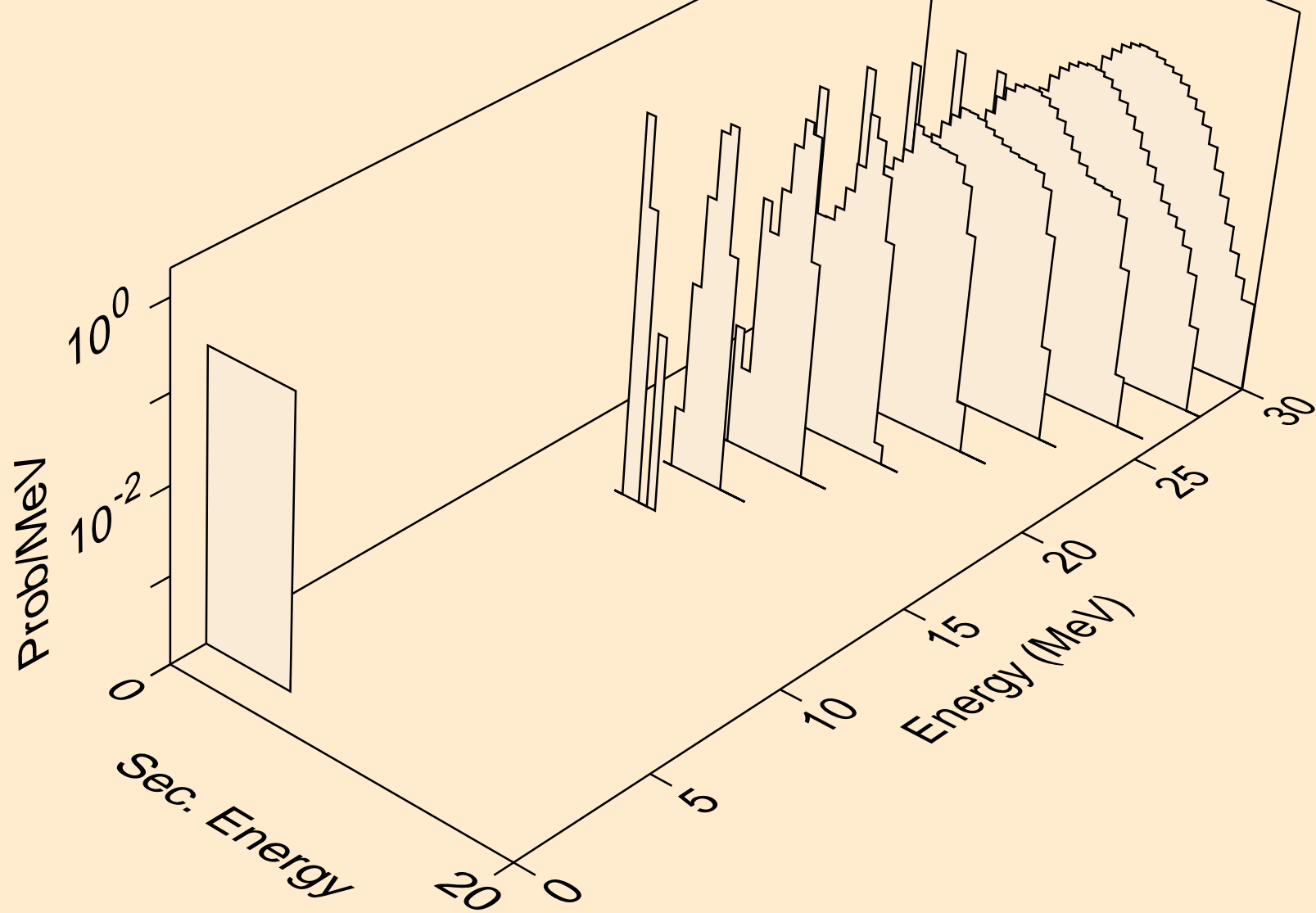
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



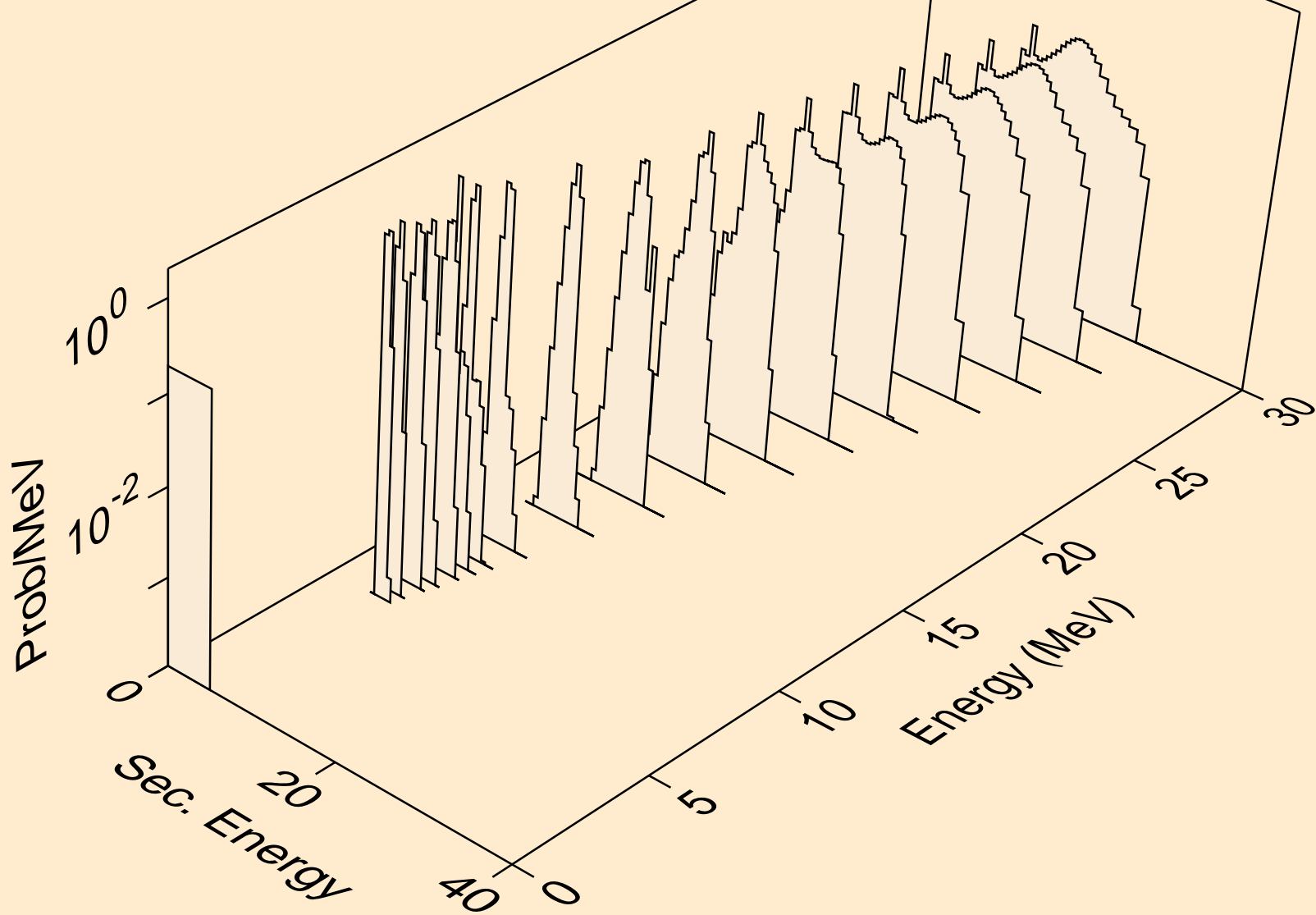
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



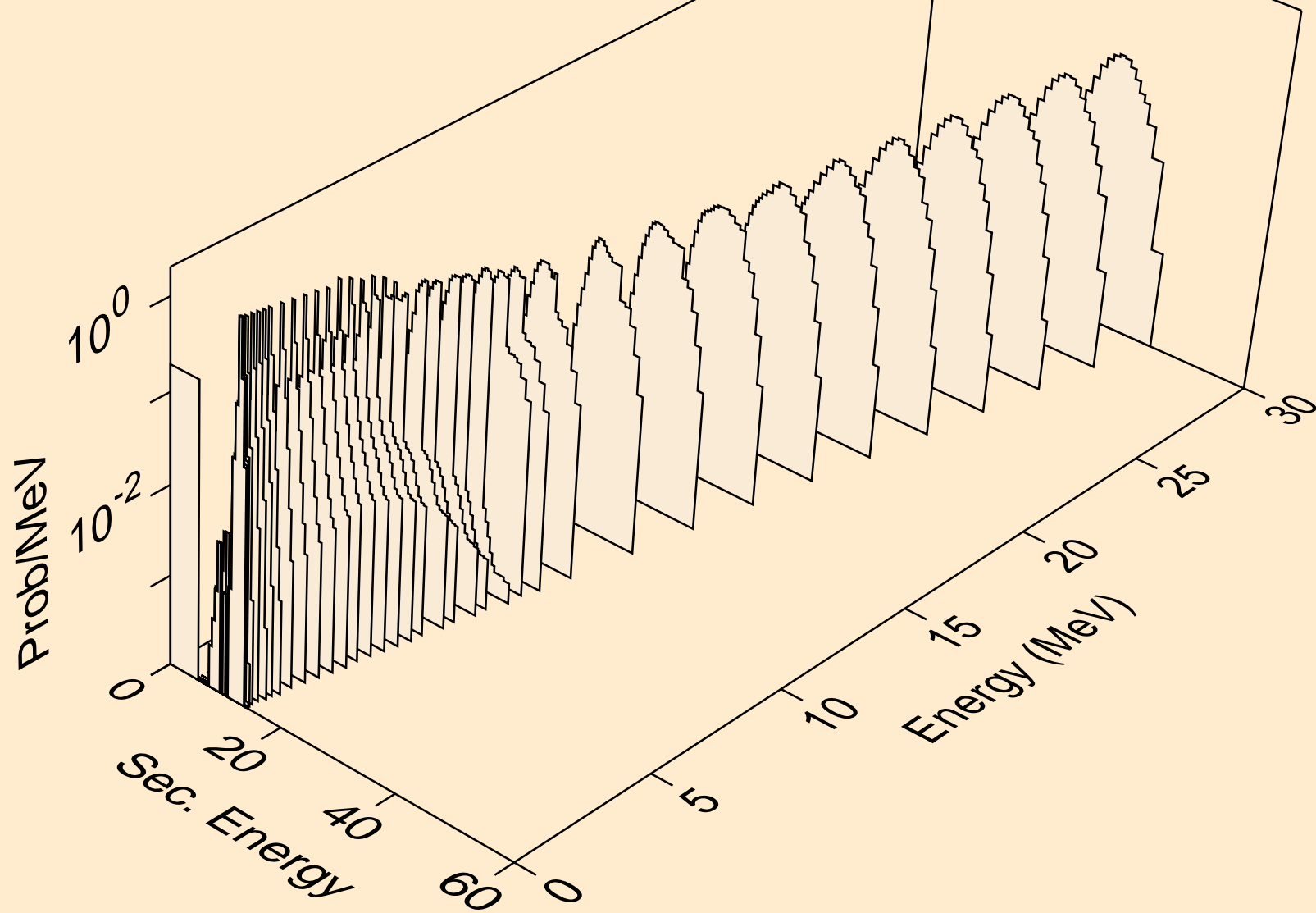
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



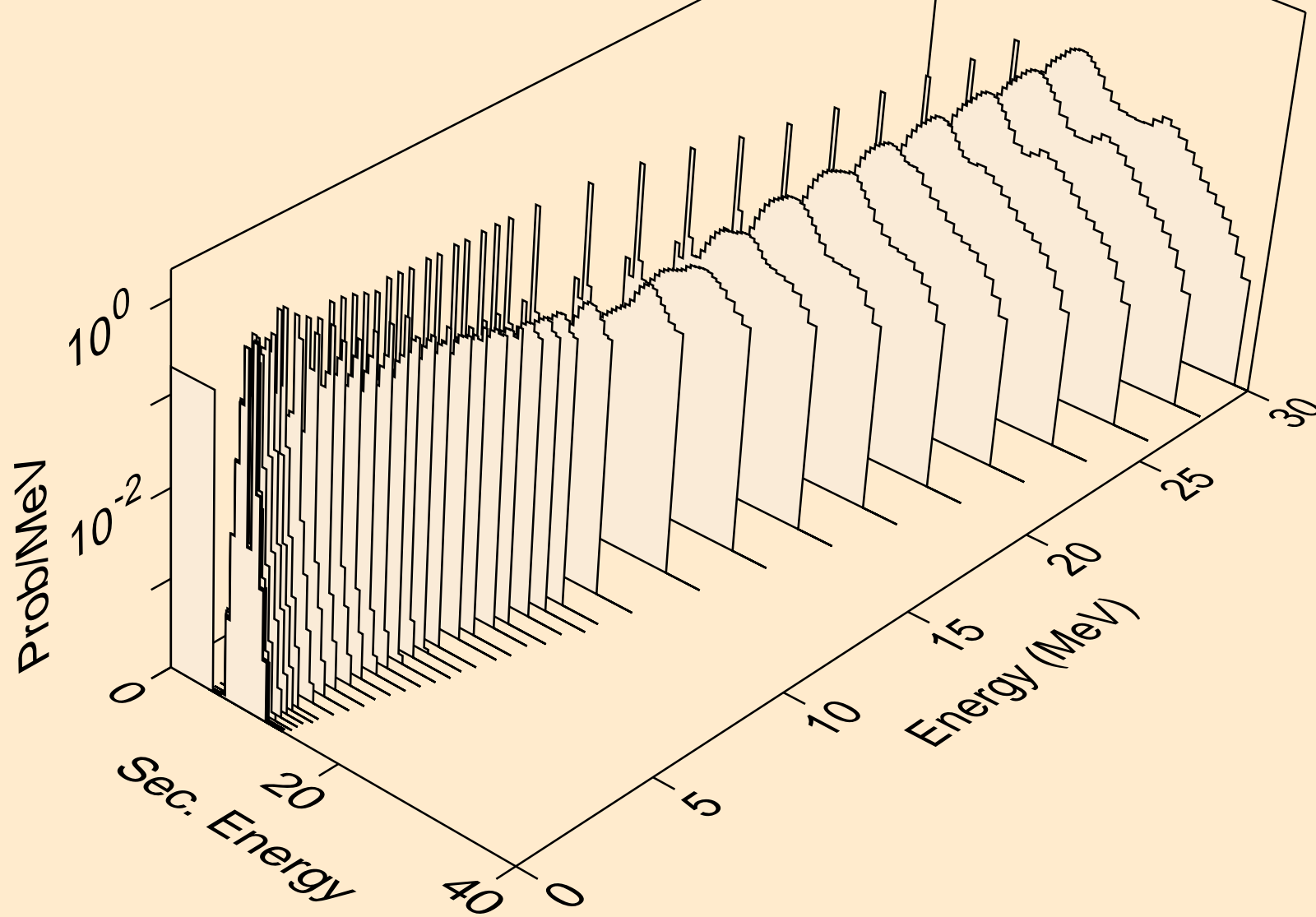
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



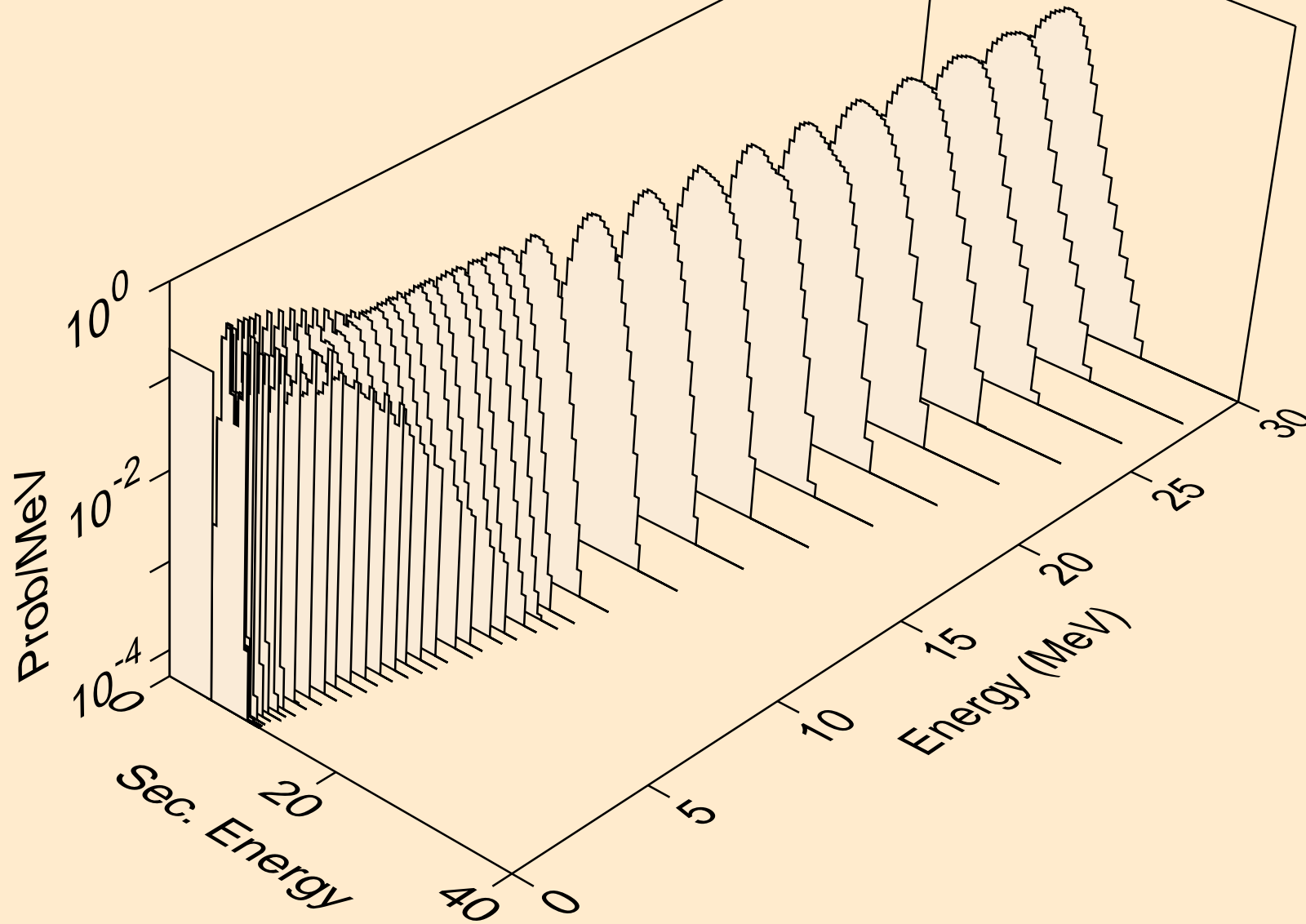
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



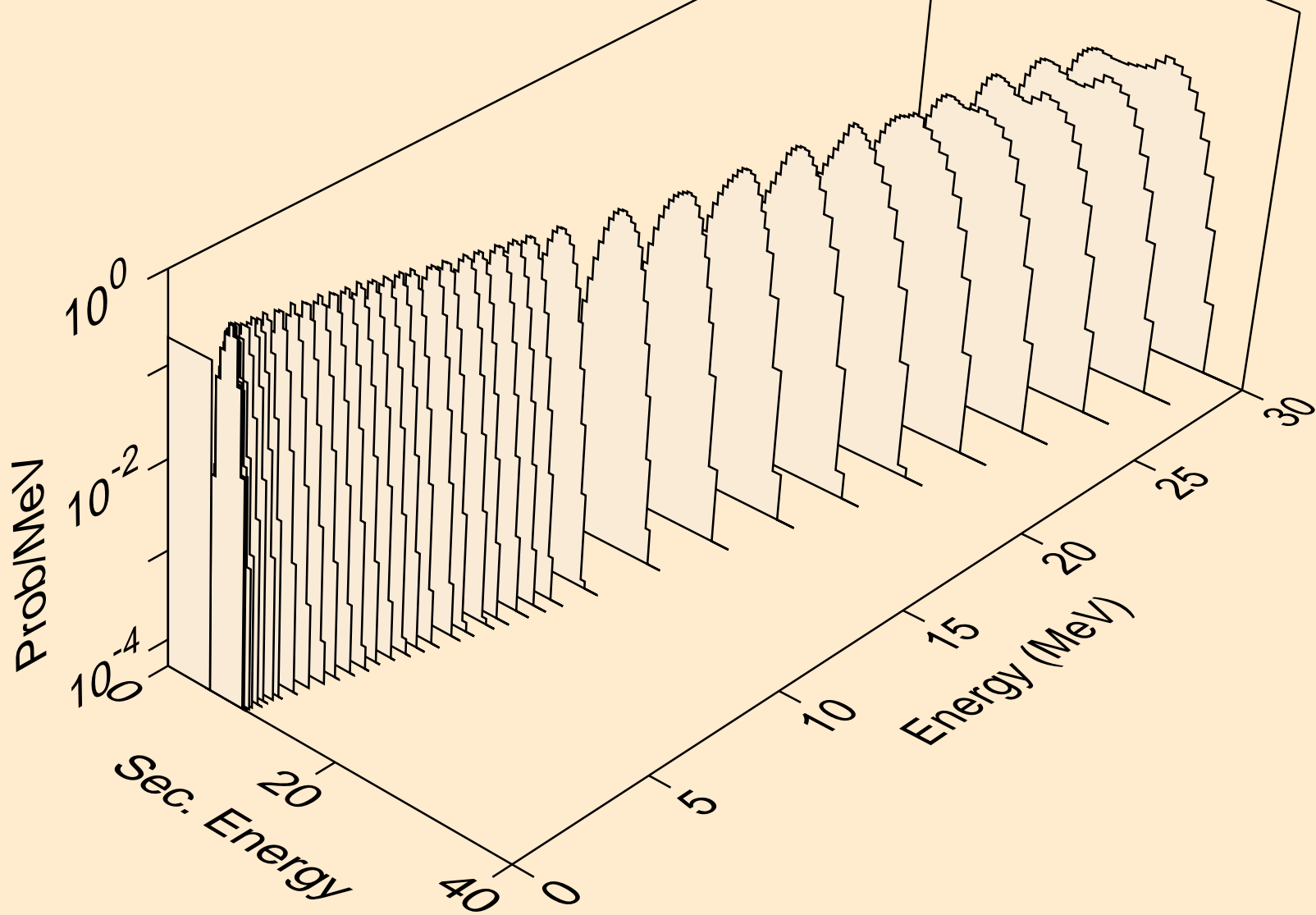
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



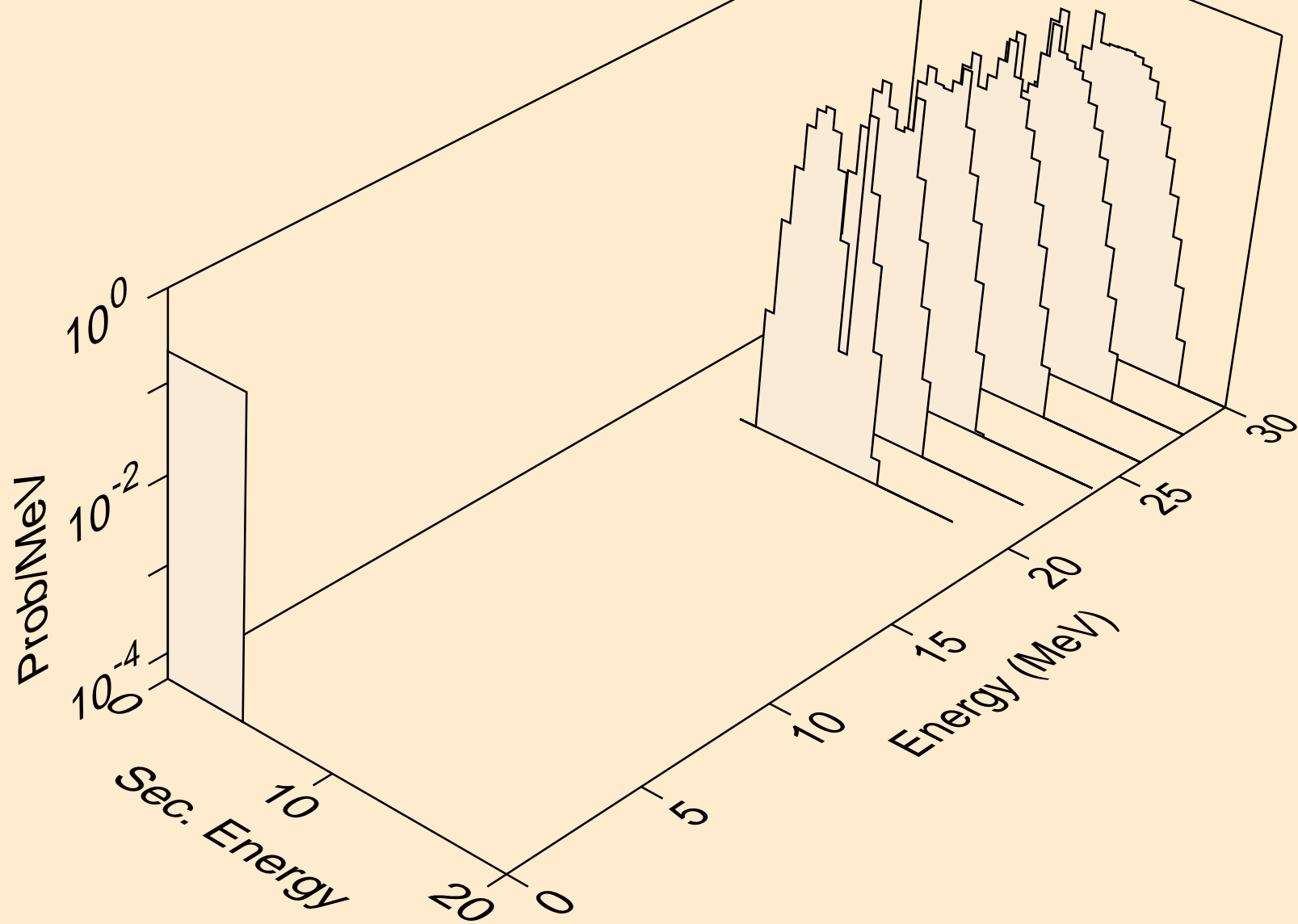
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



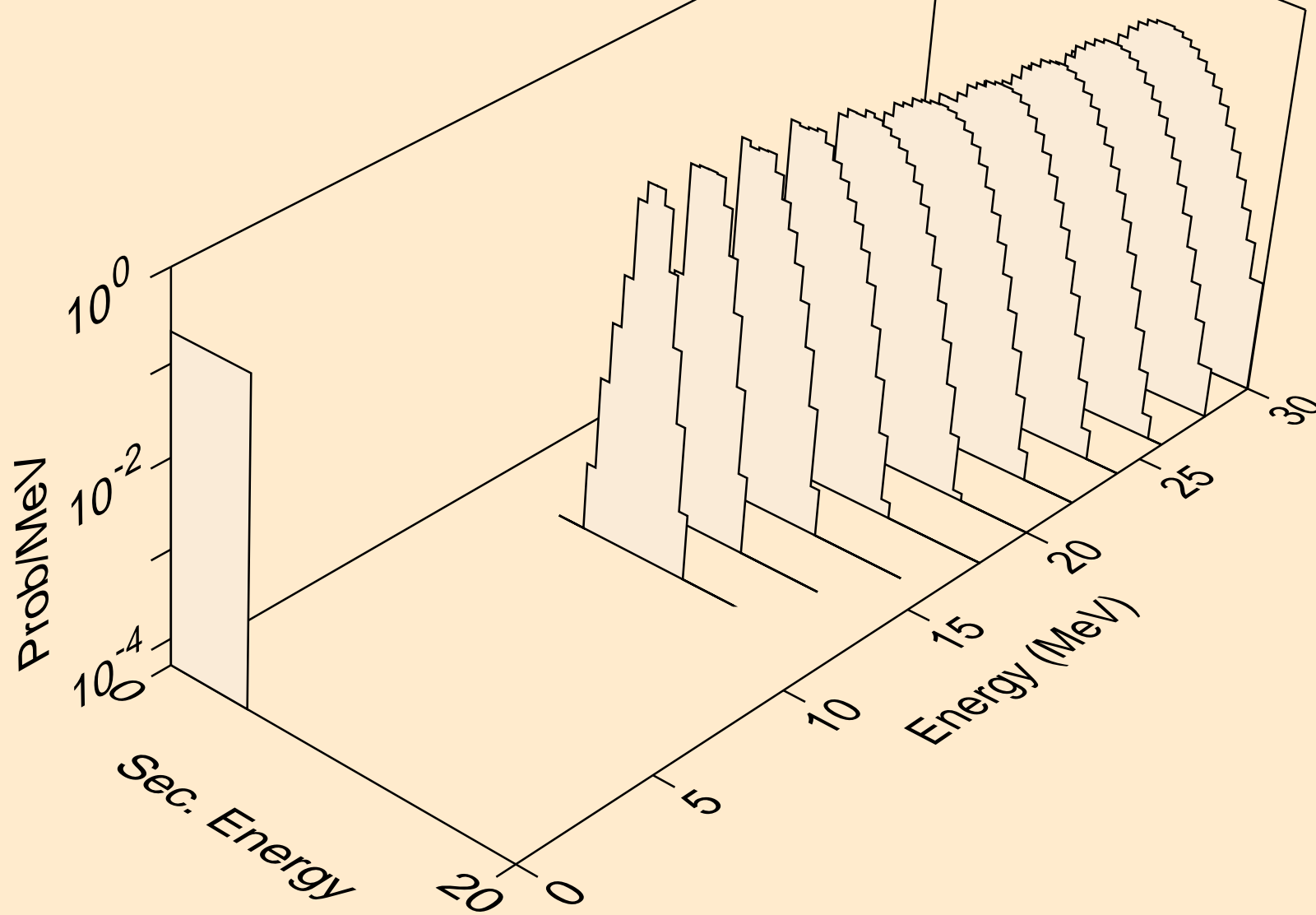
HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,t2a)



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,d2a)



HF158 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

