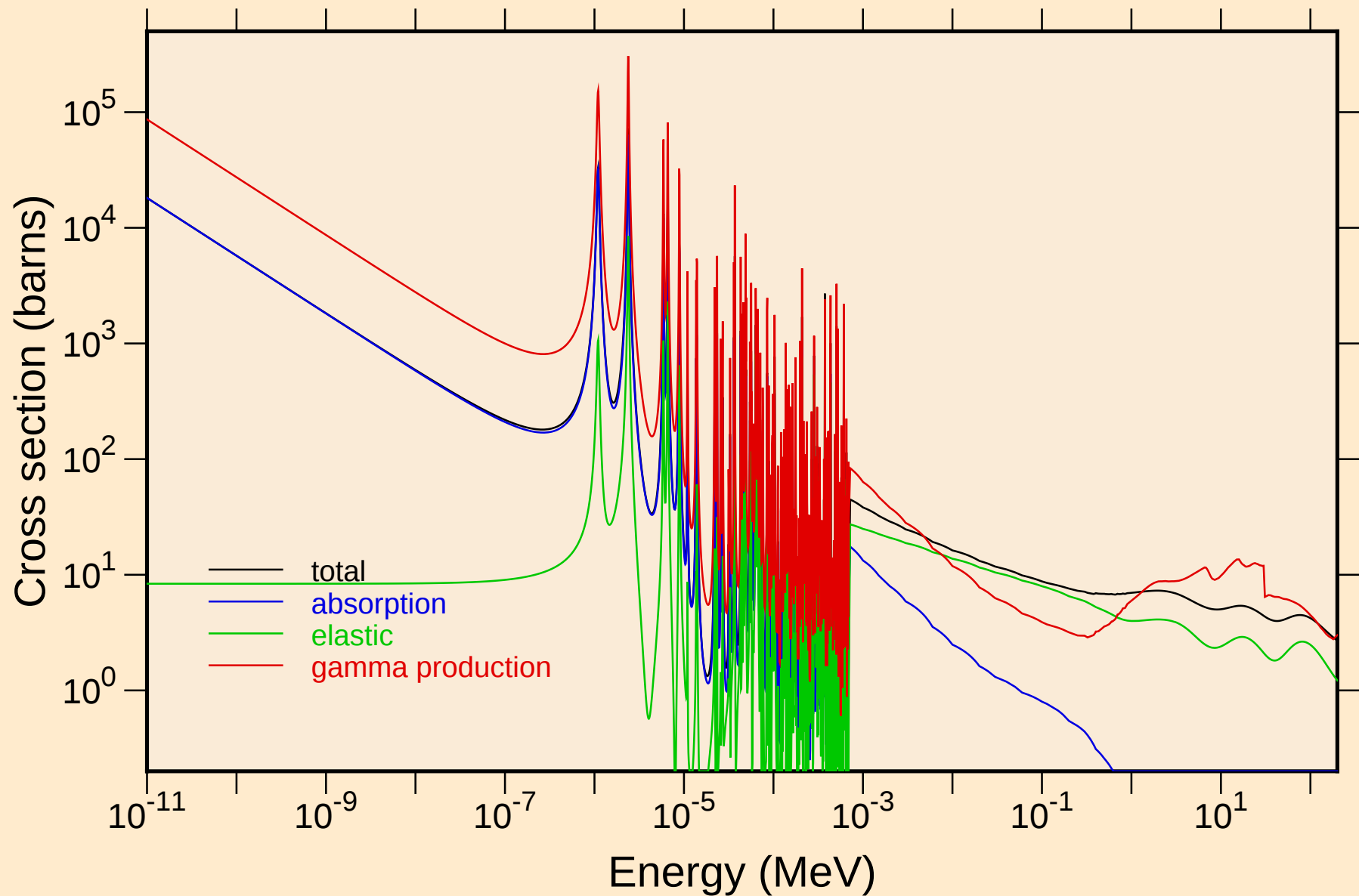
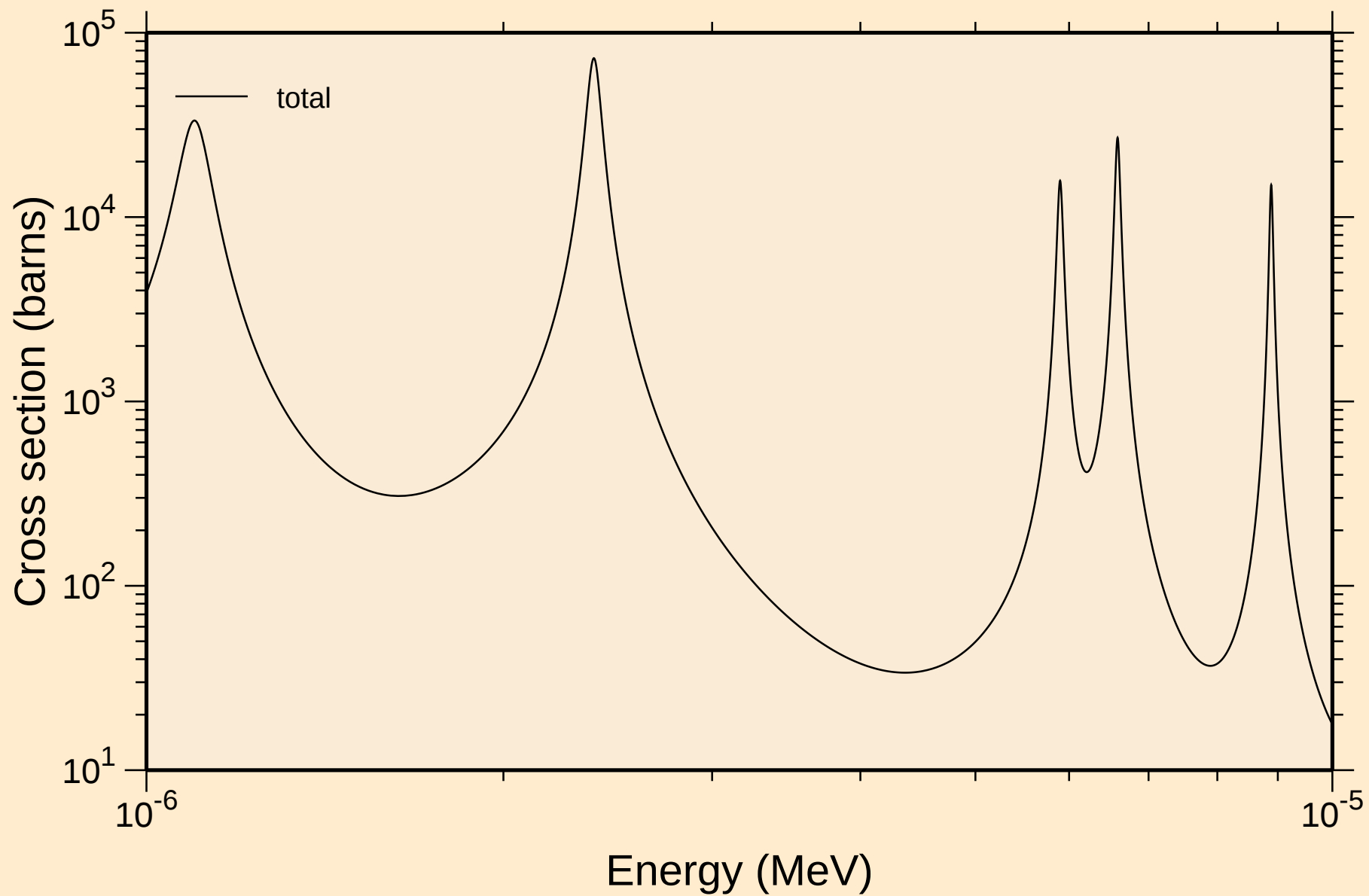


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

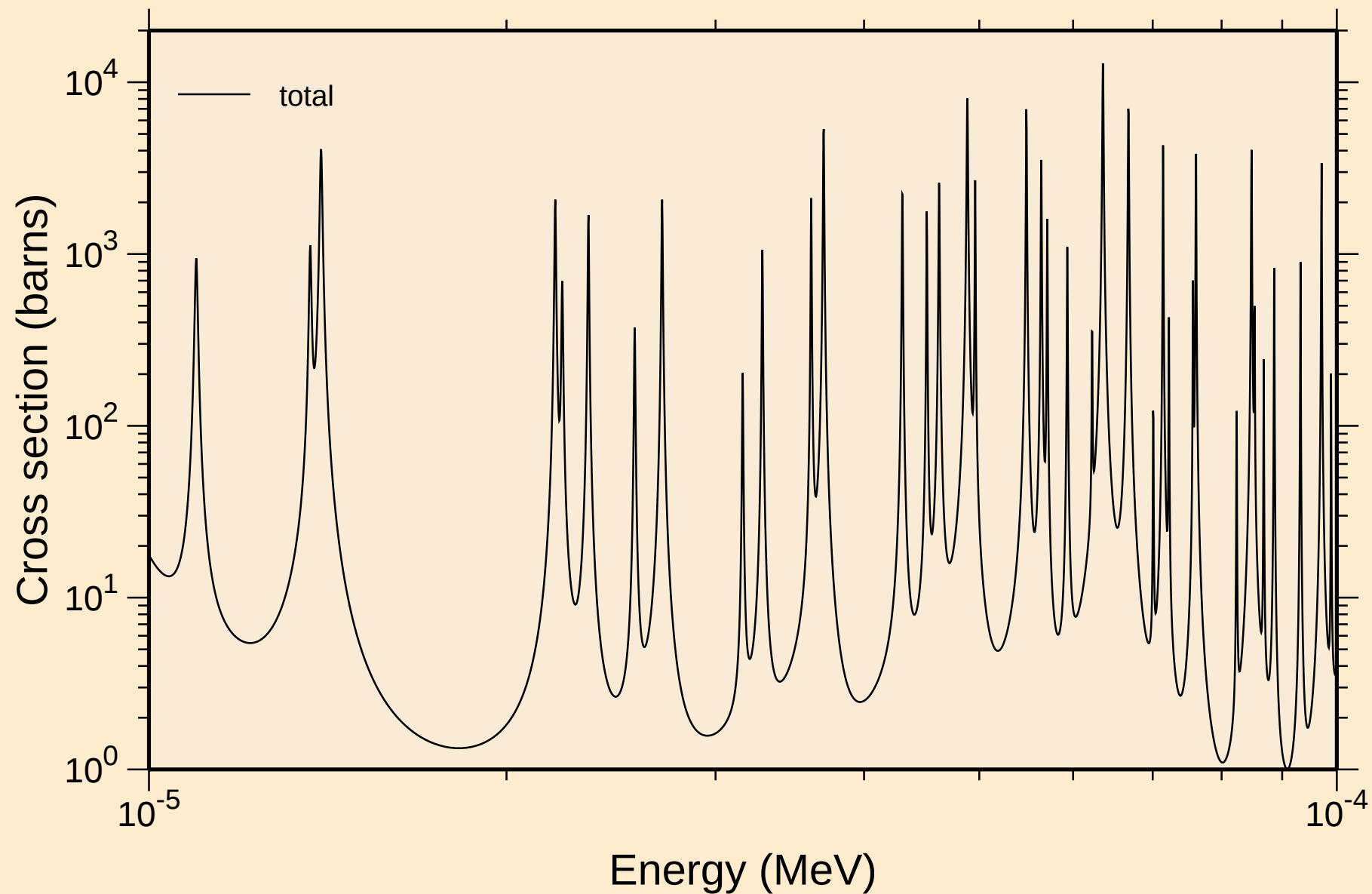
Principal cross sections



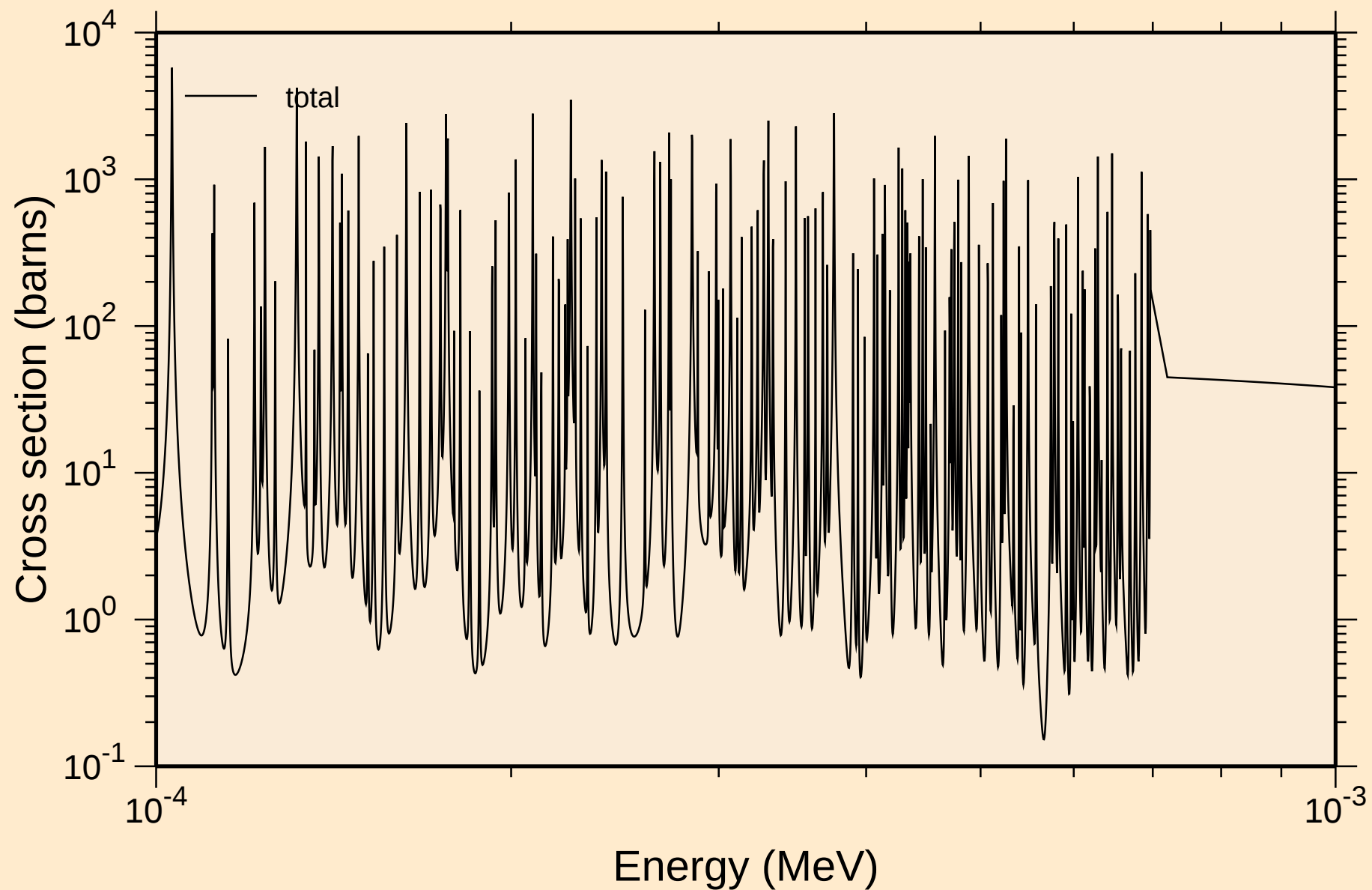
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



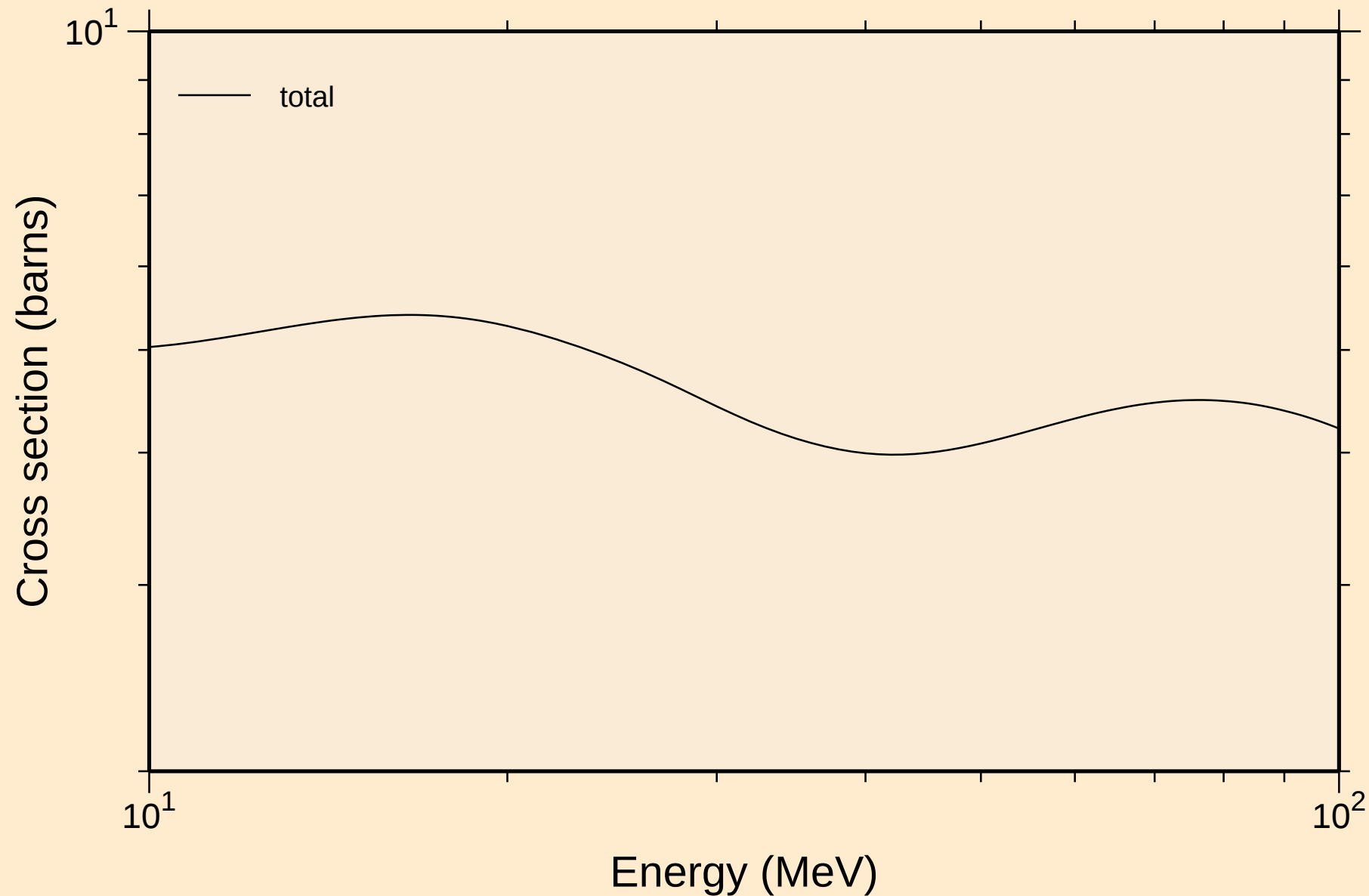
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



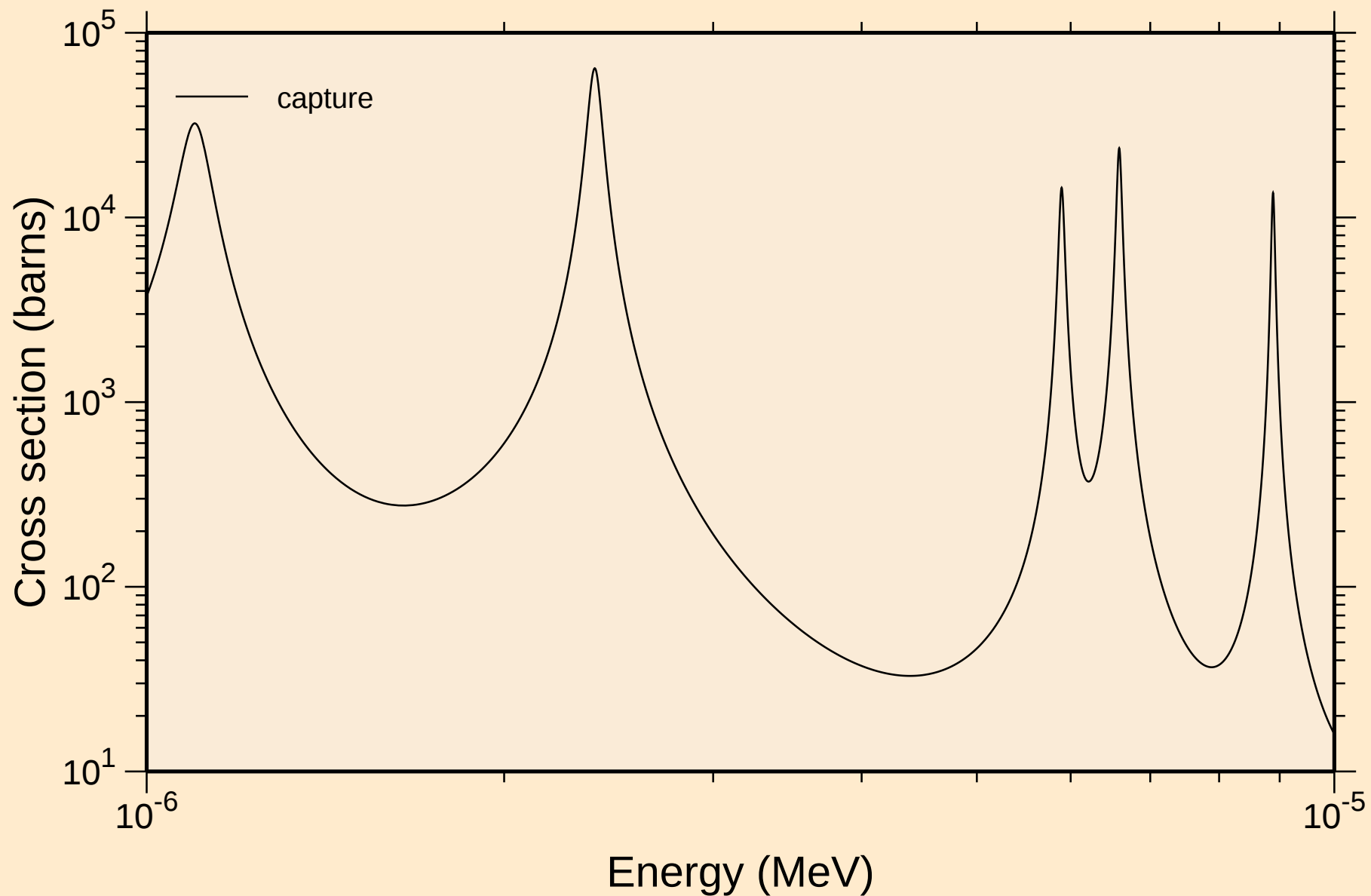
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



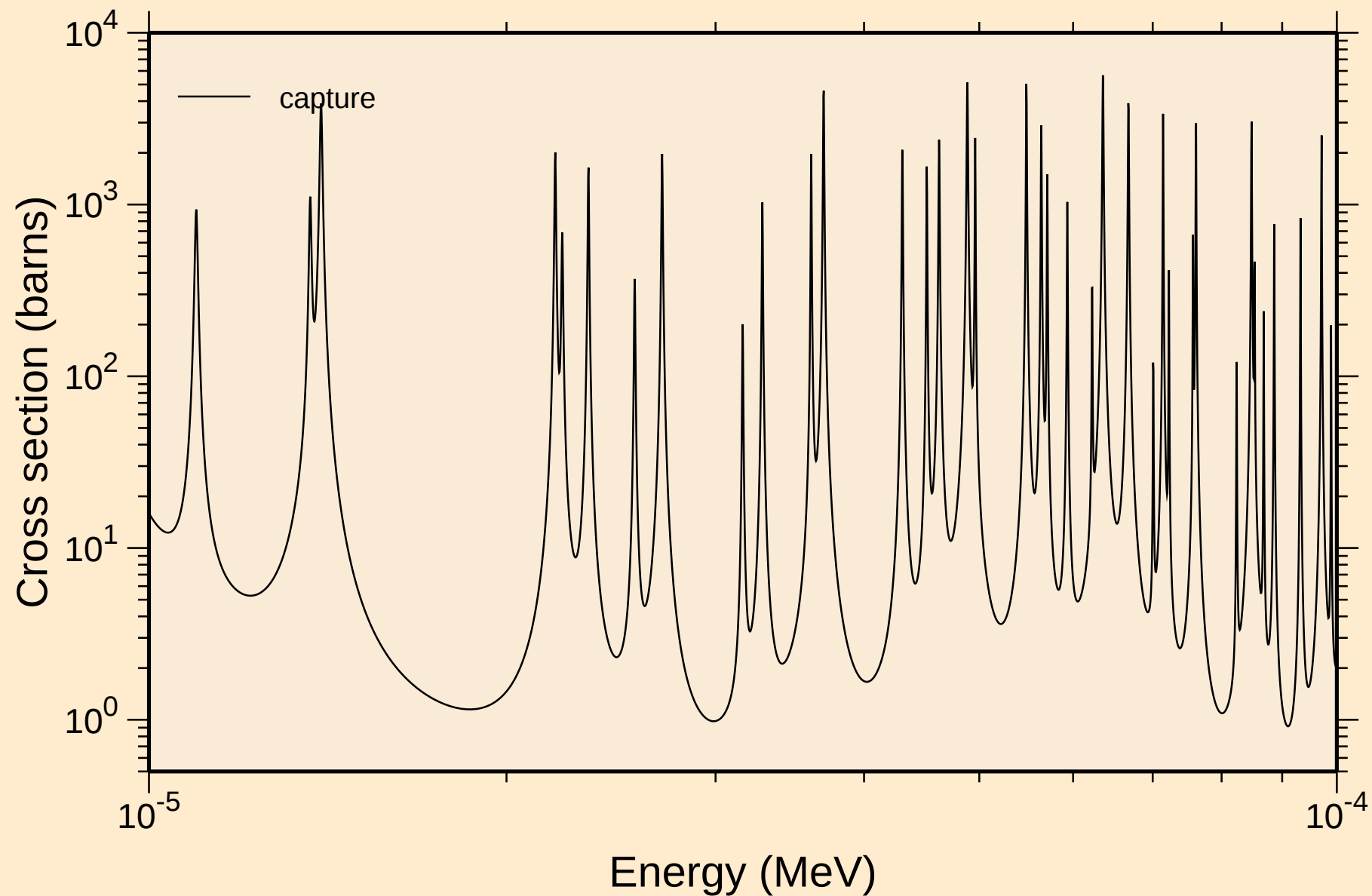
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



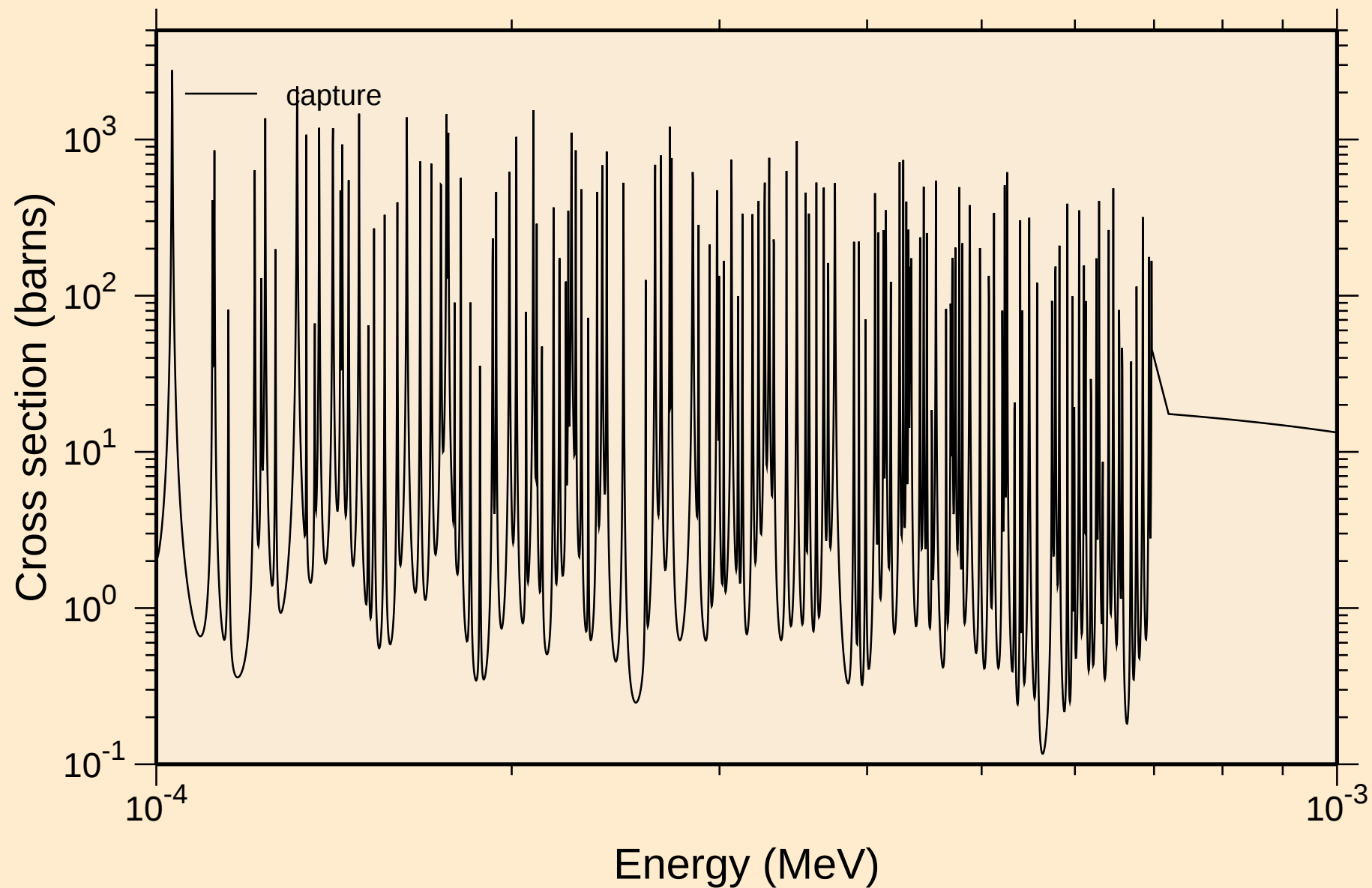
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



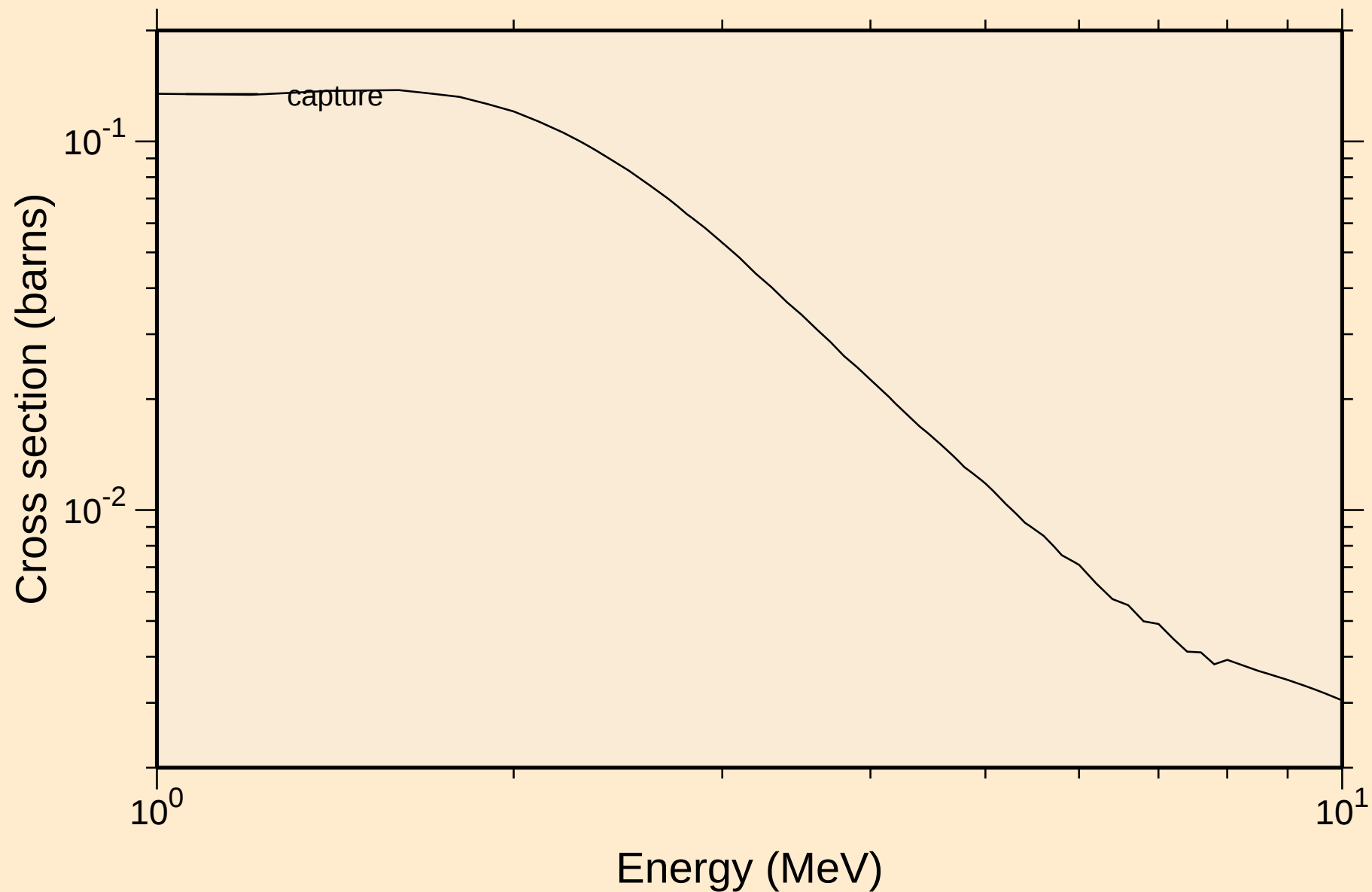
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

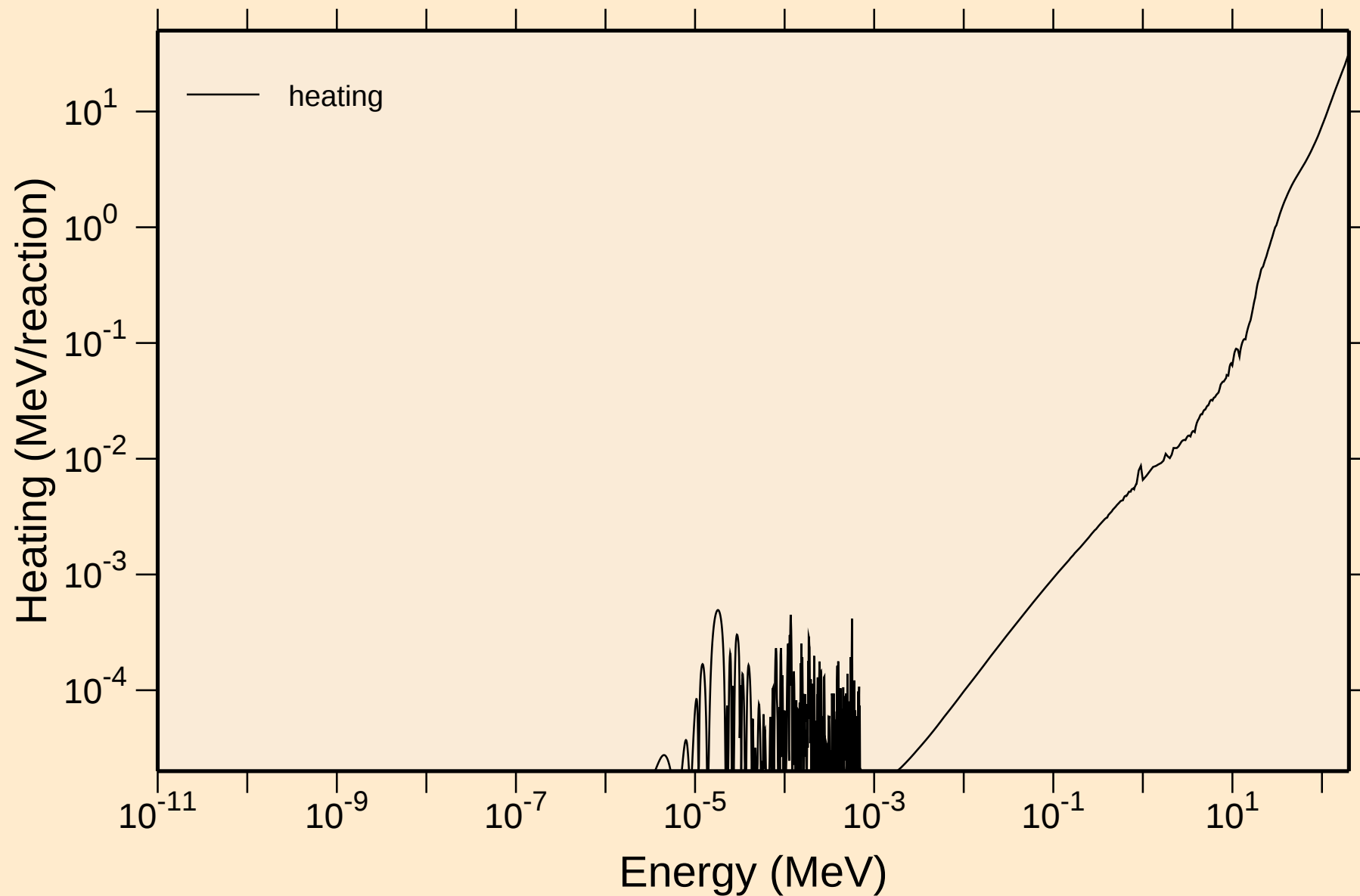


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



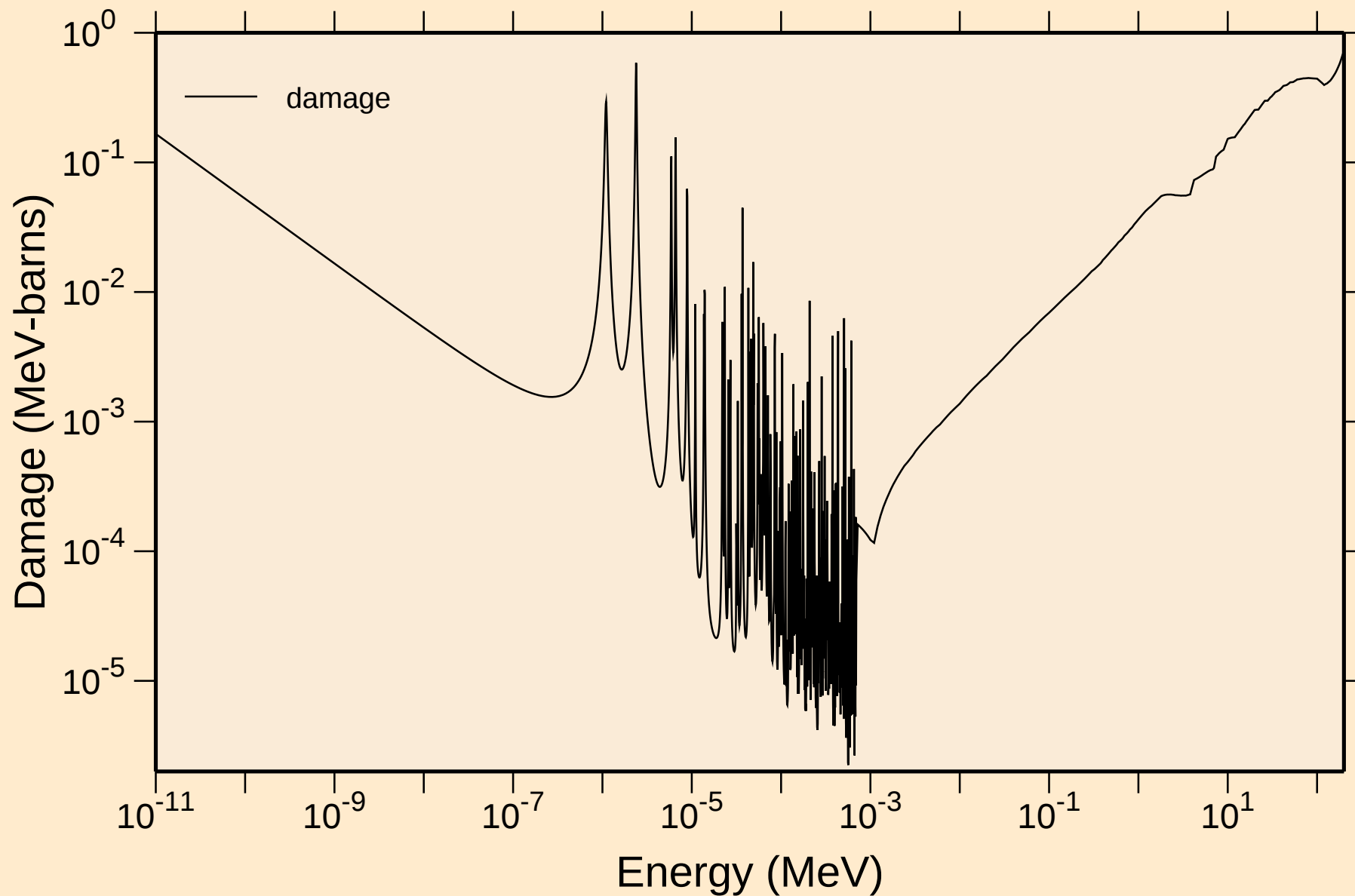
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



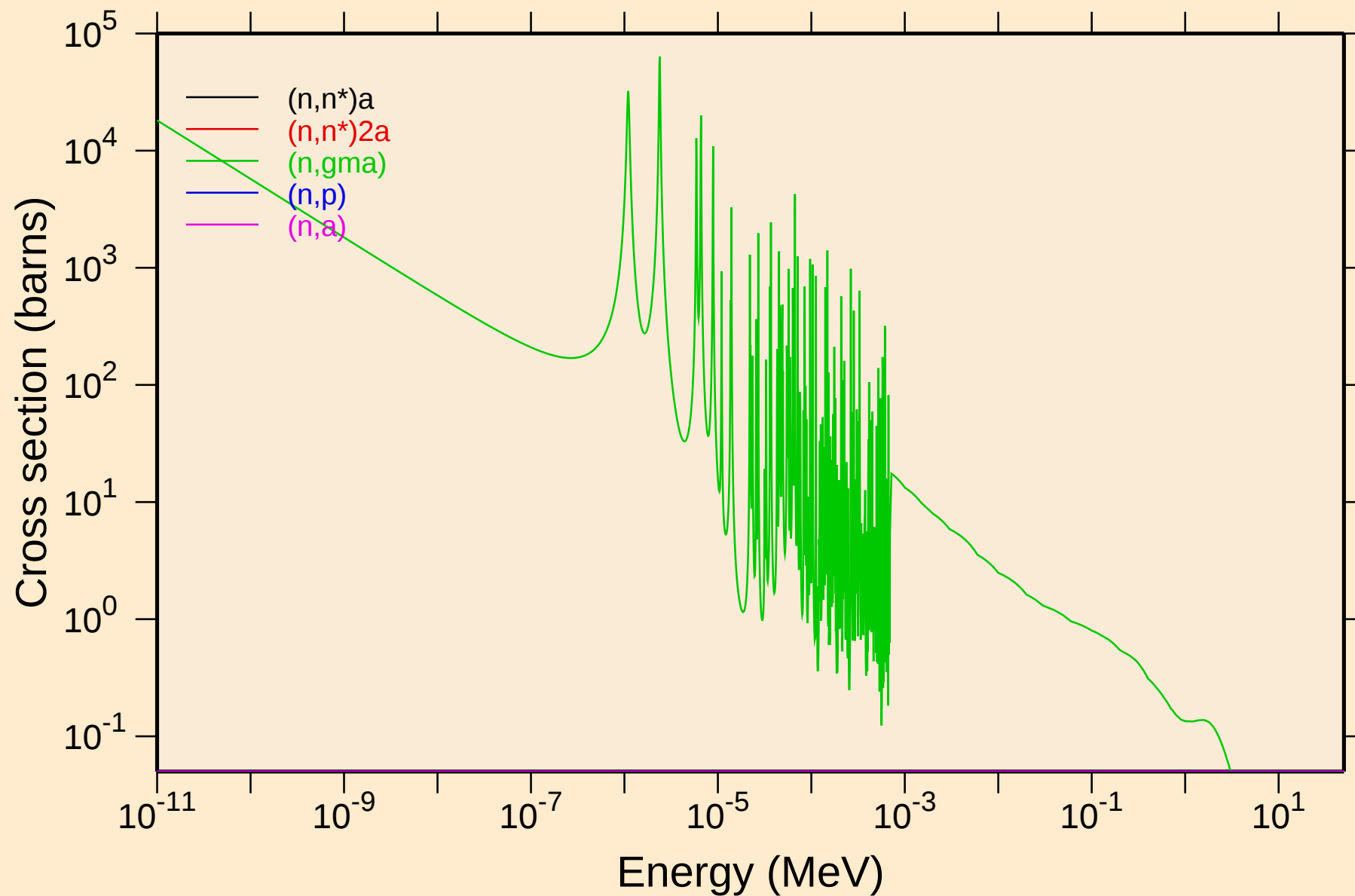
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

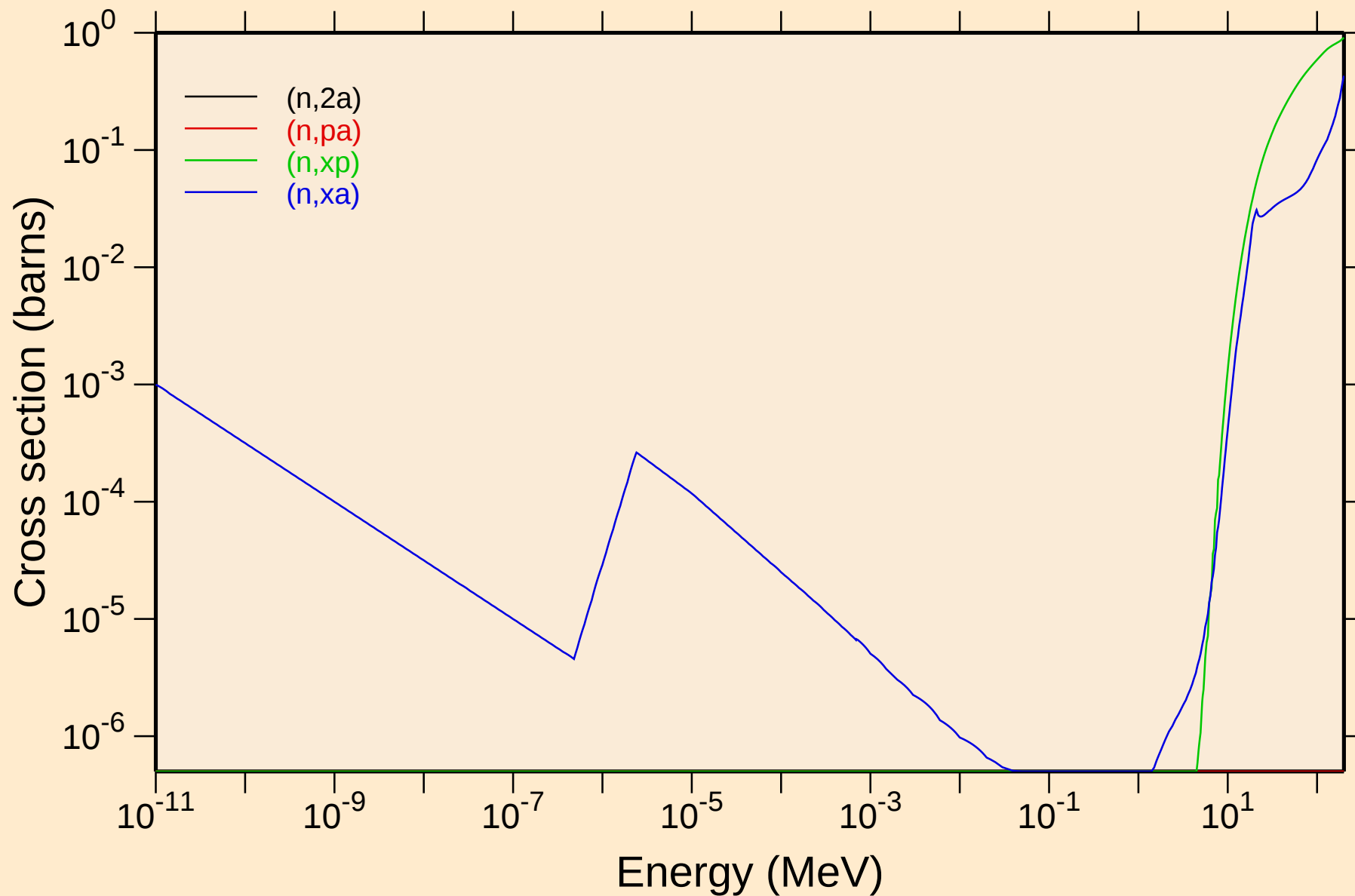


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

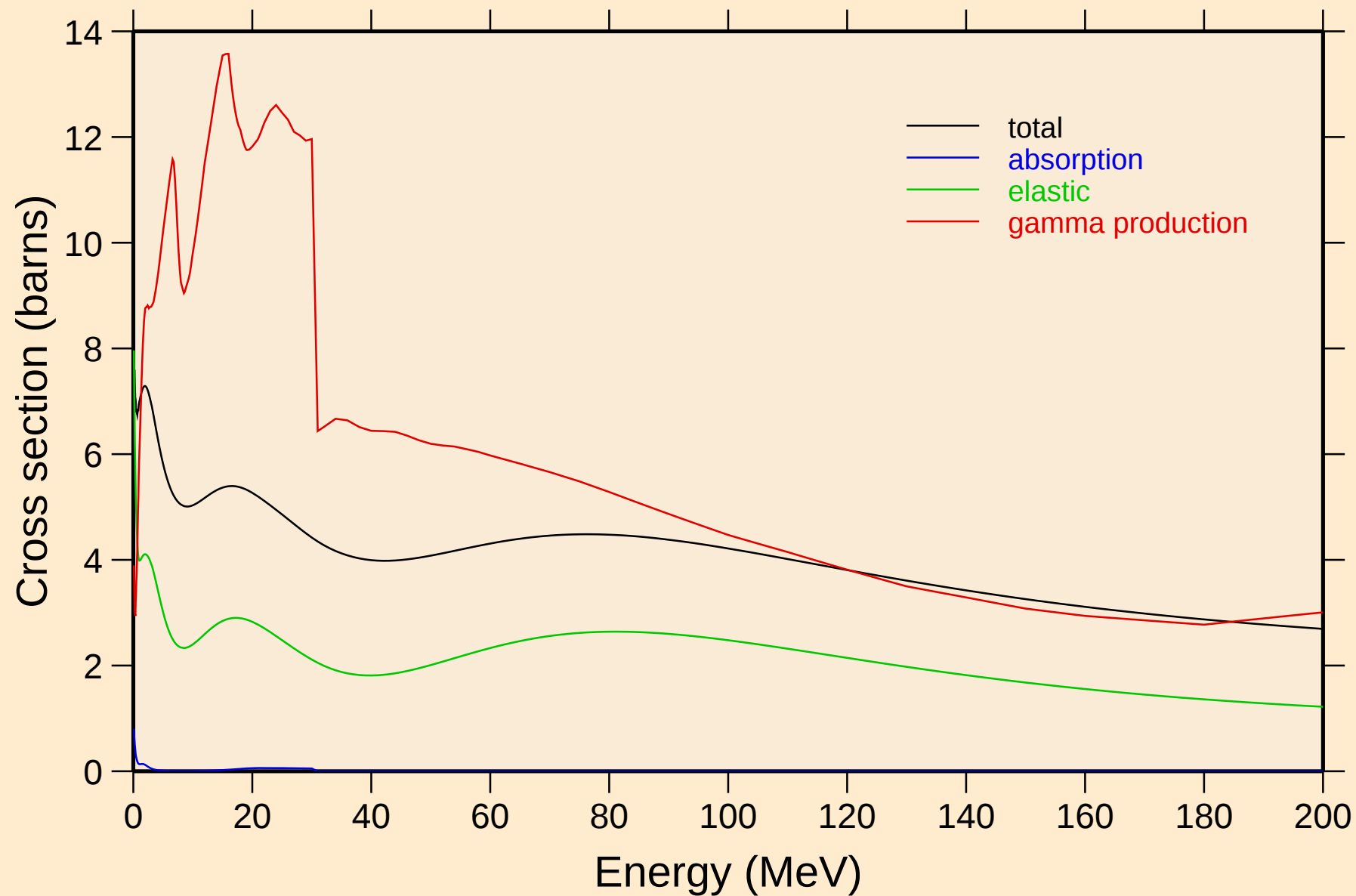


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



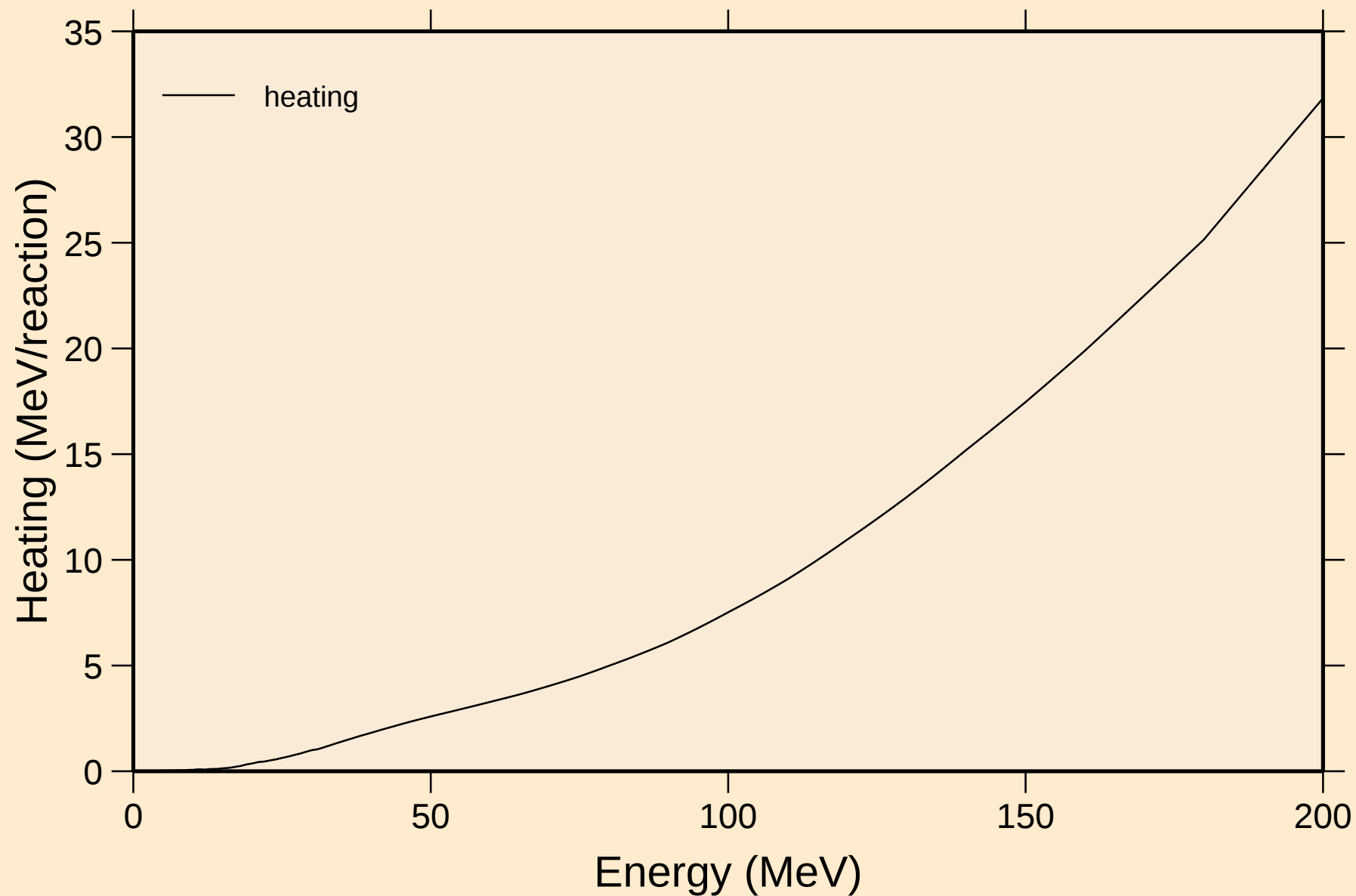
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



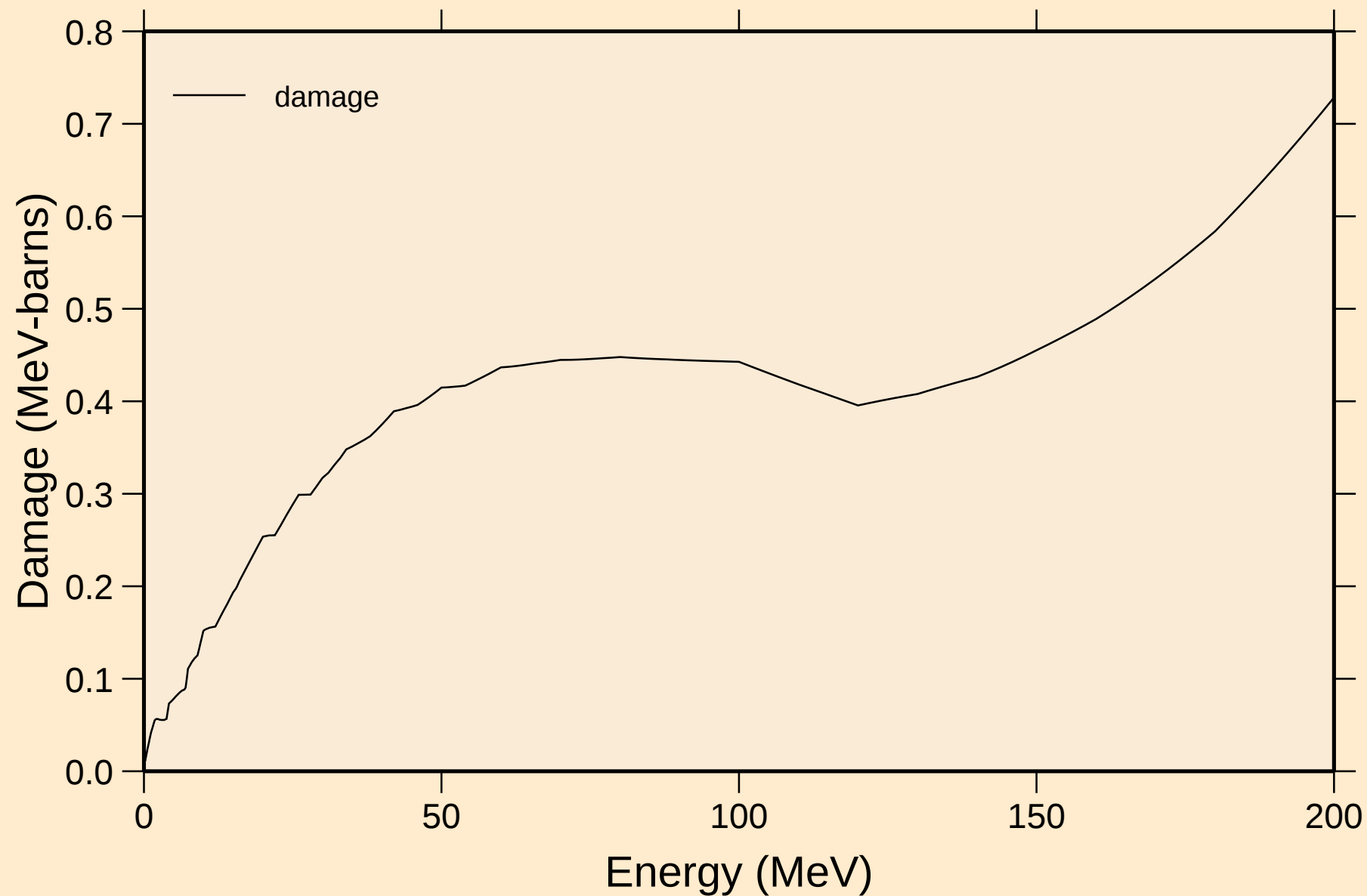
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

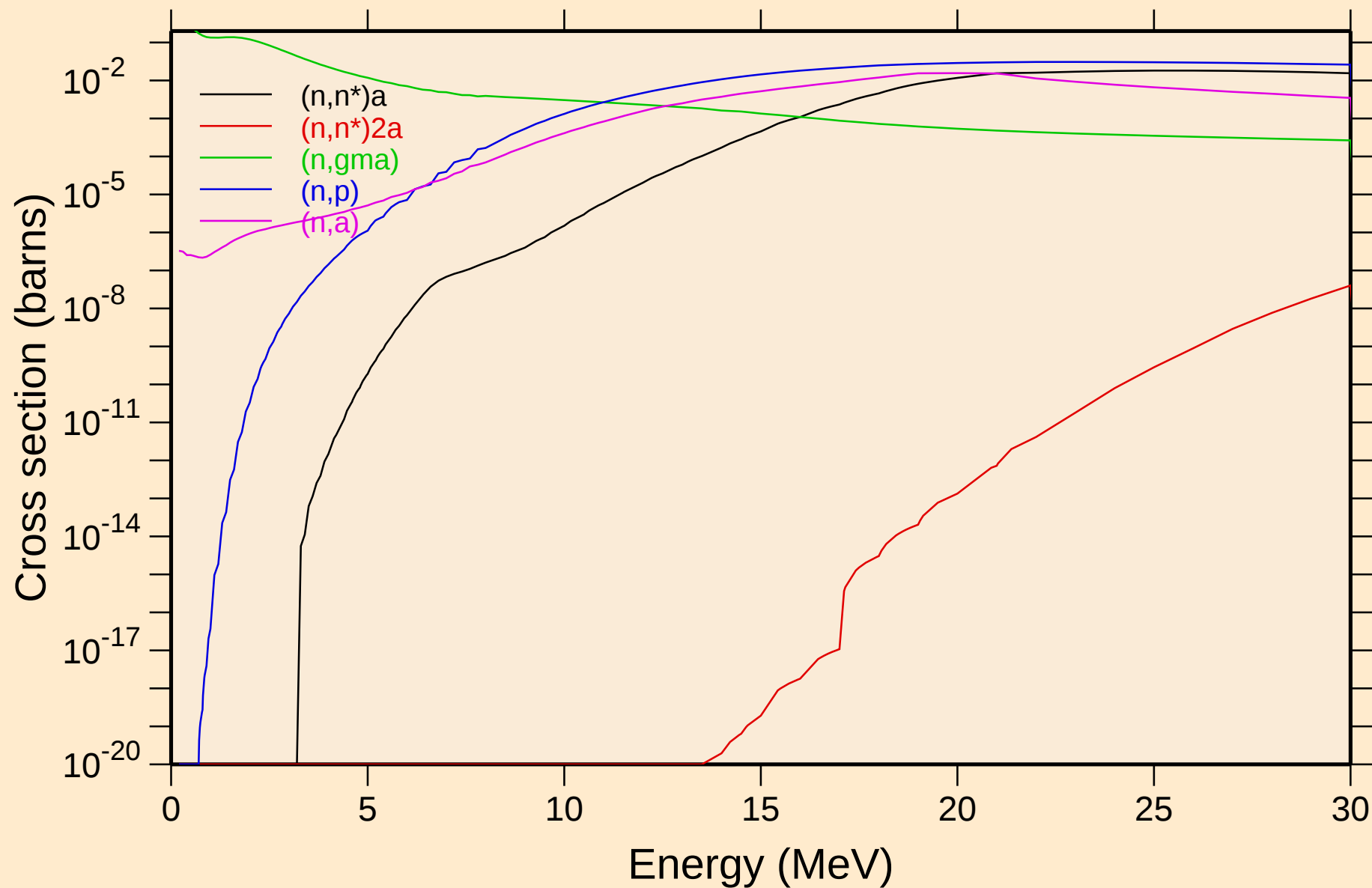


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

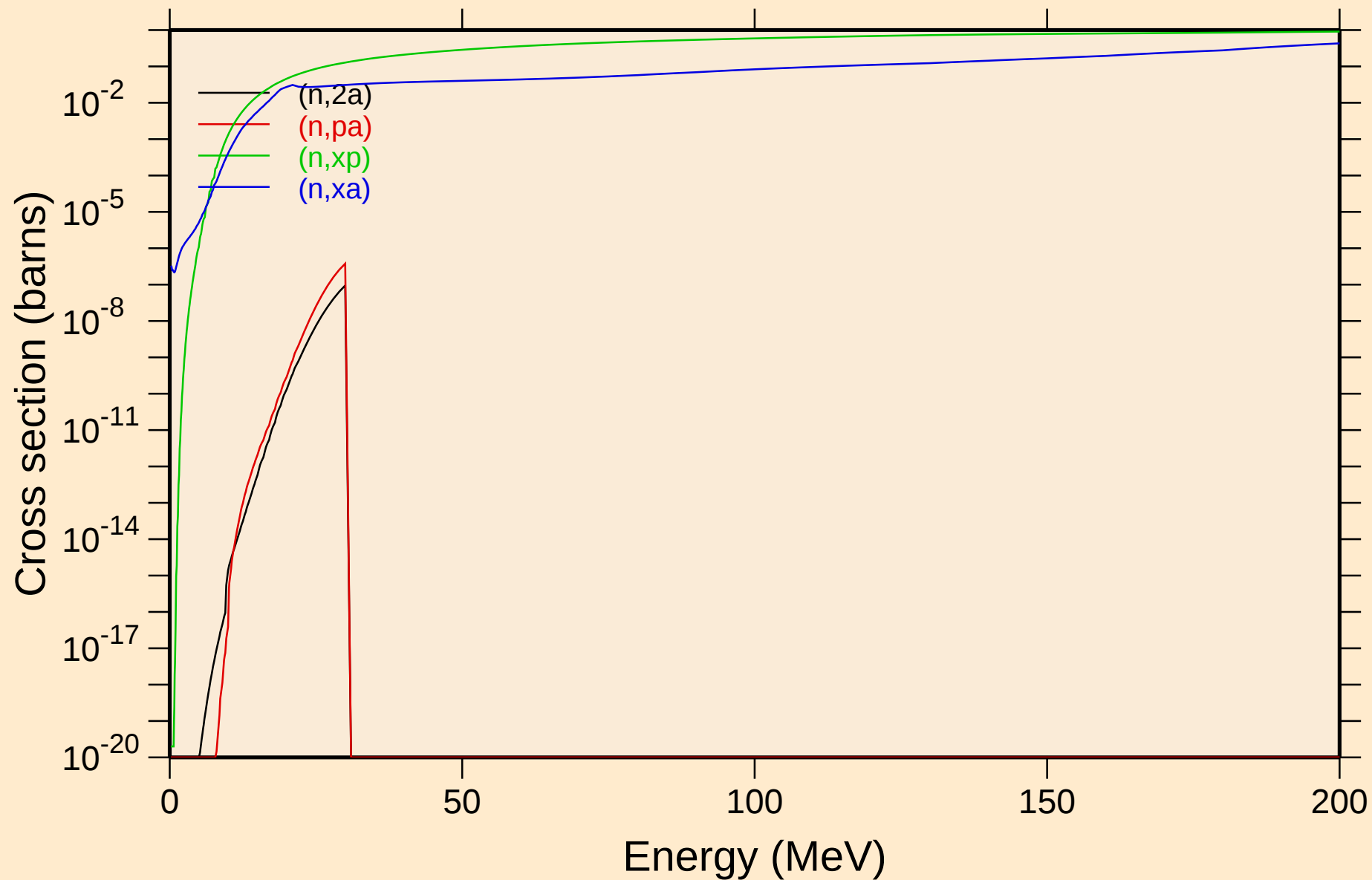


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



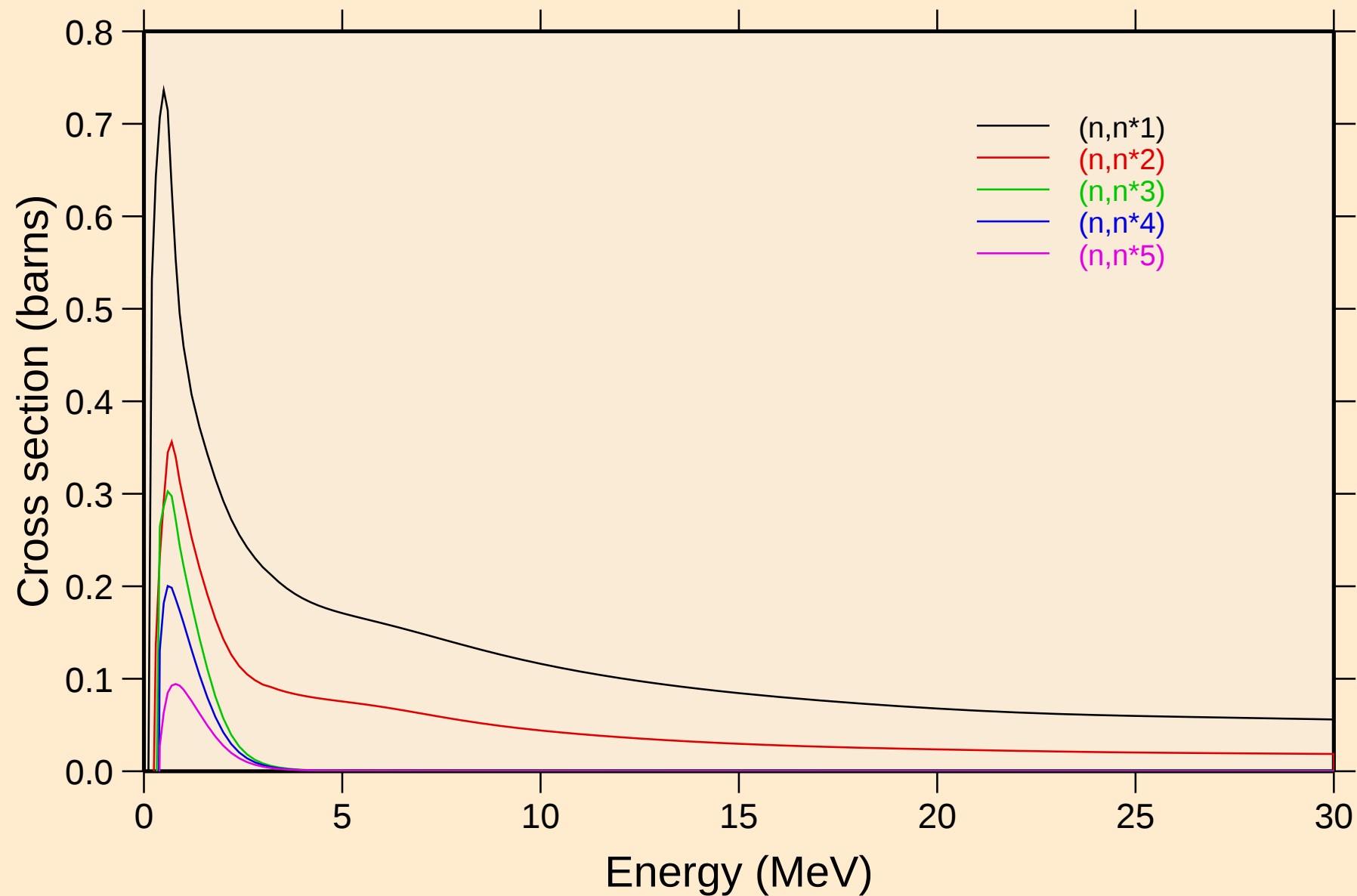
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



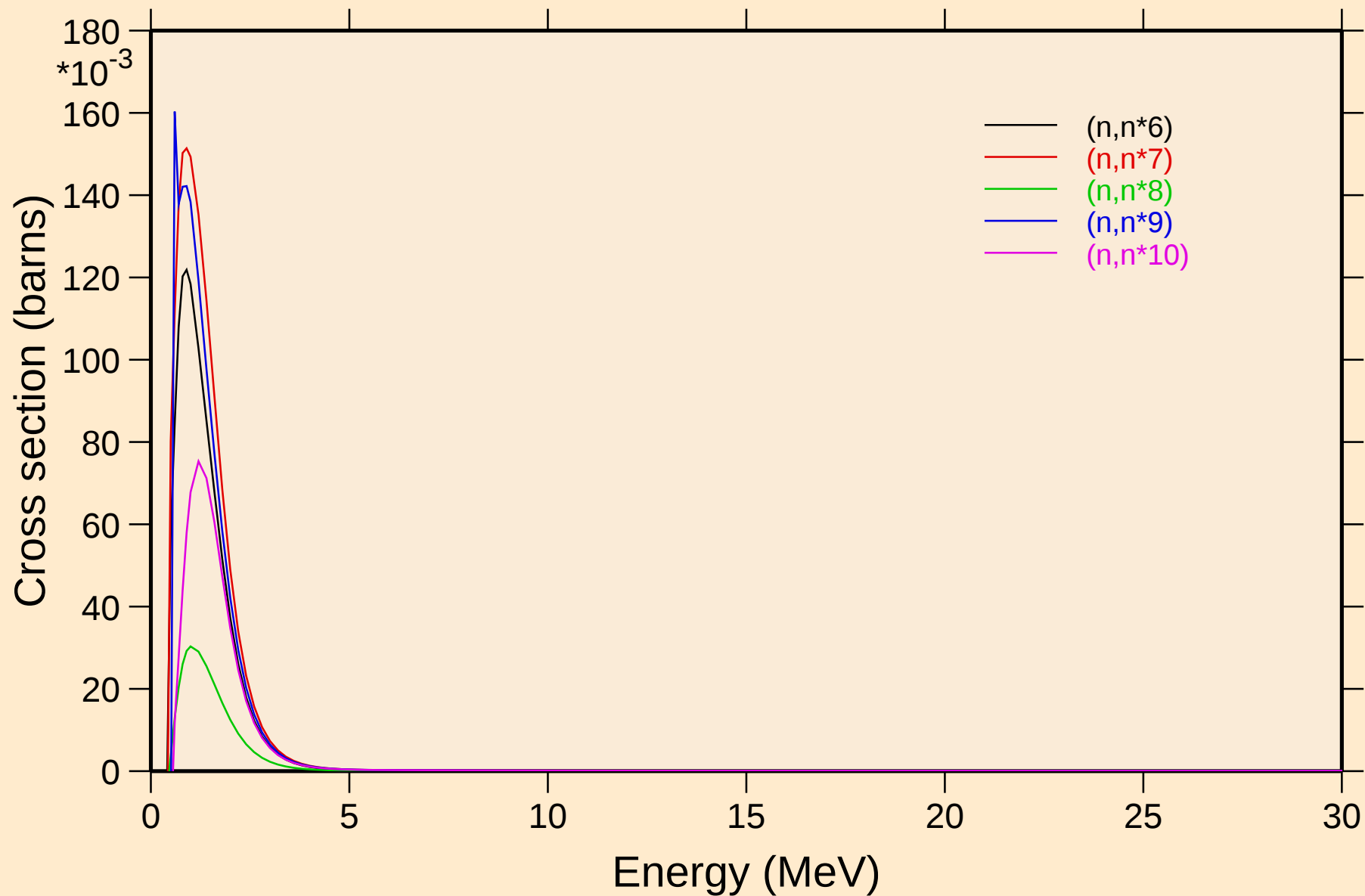
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



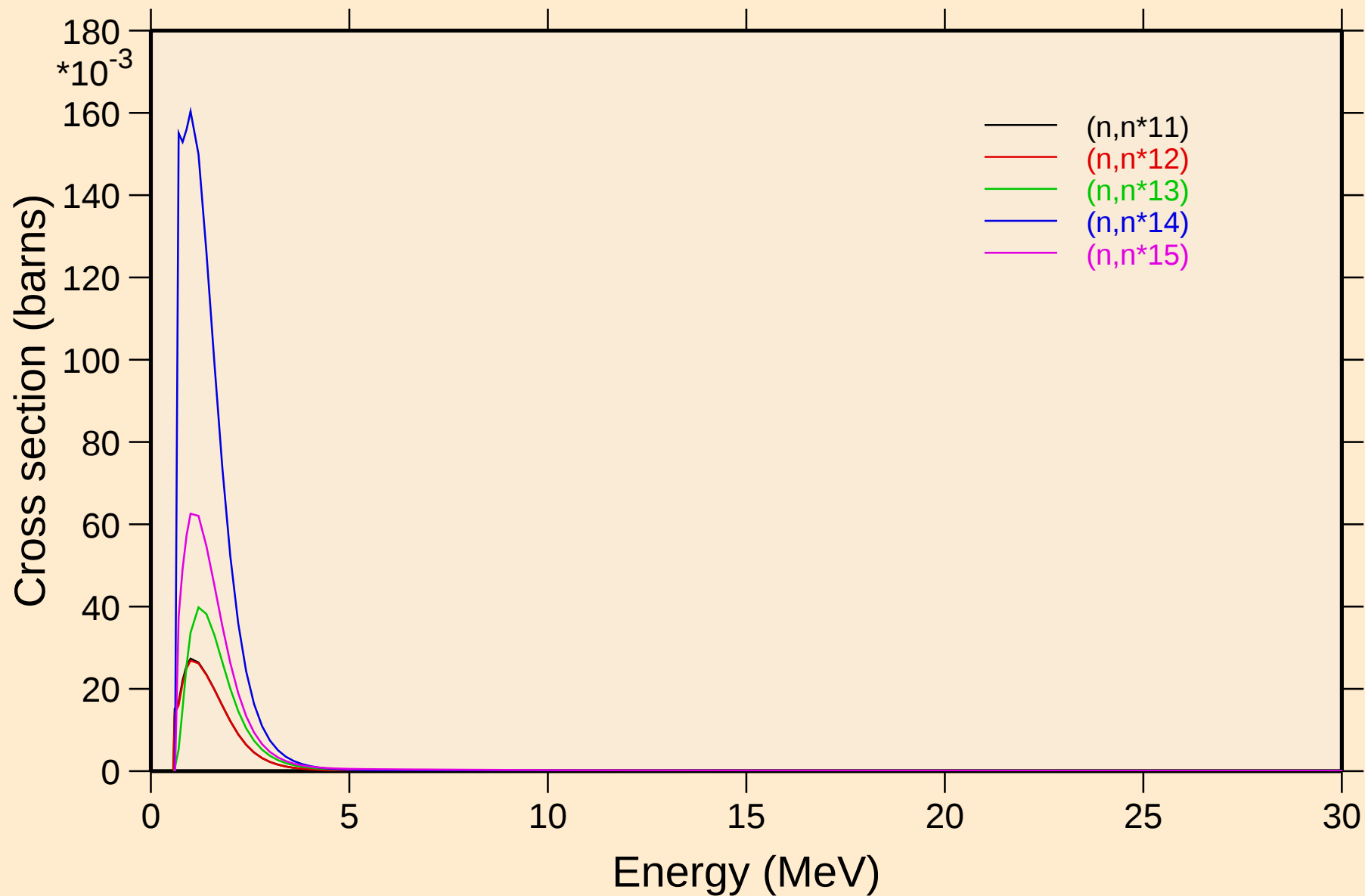
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



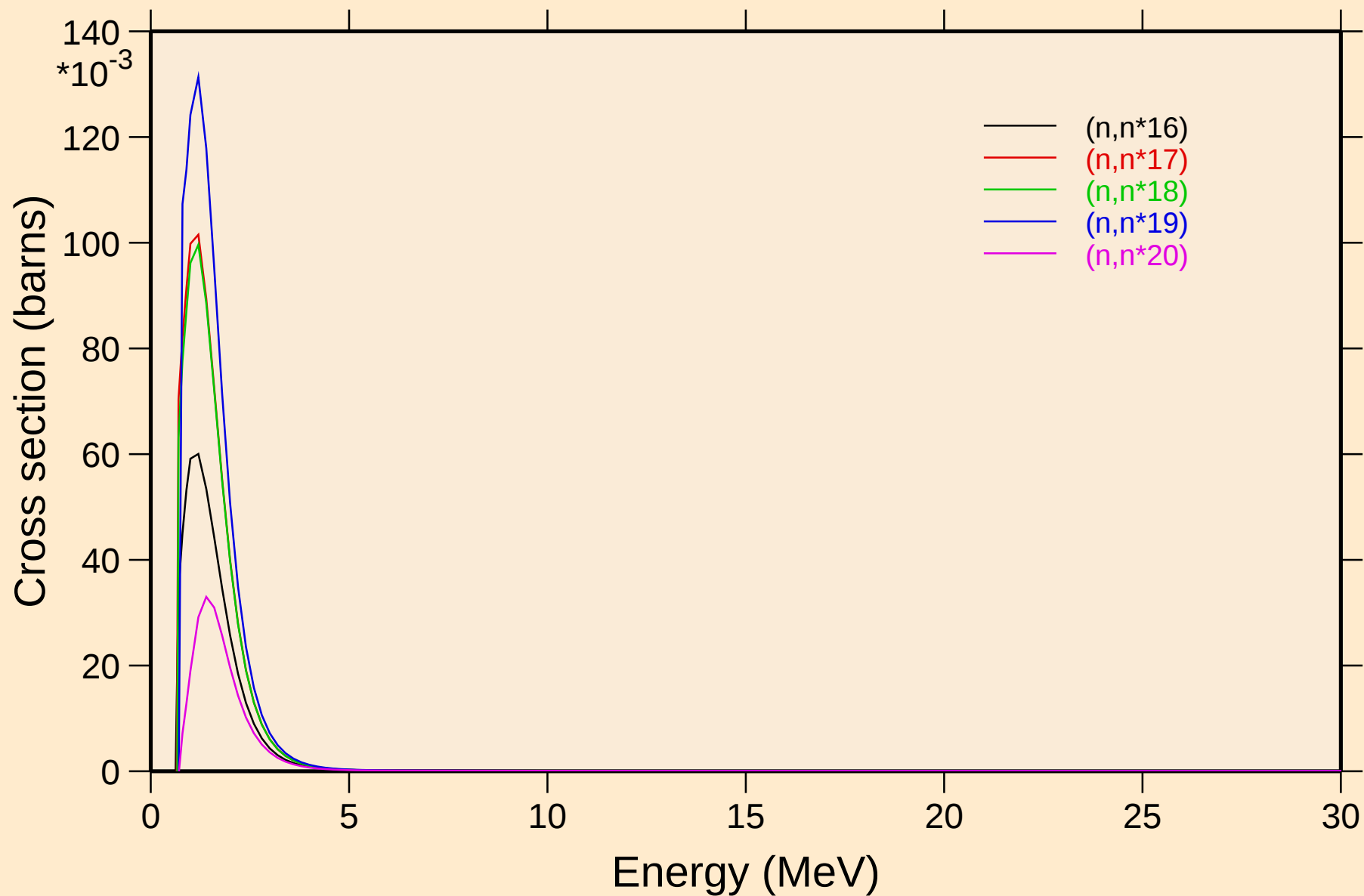
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



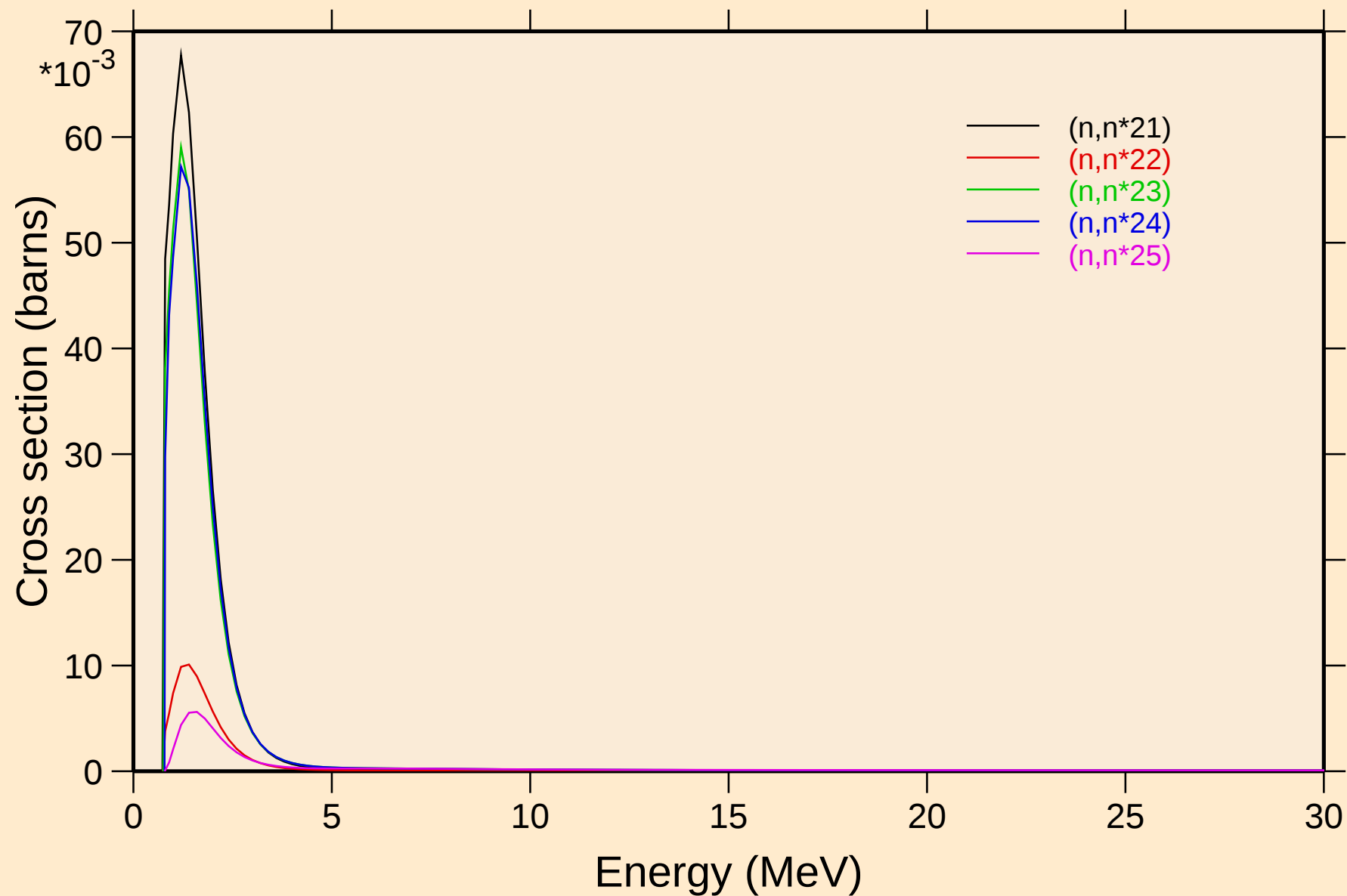
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



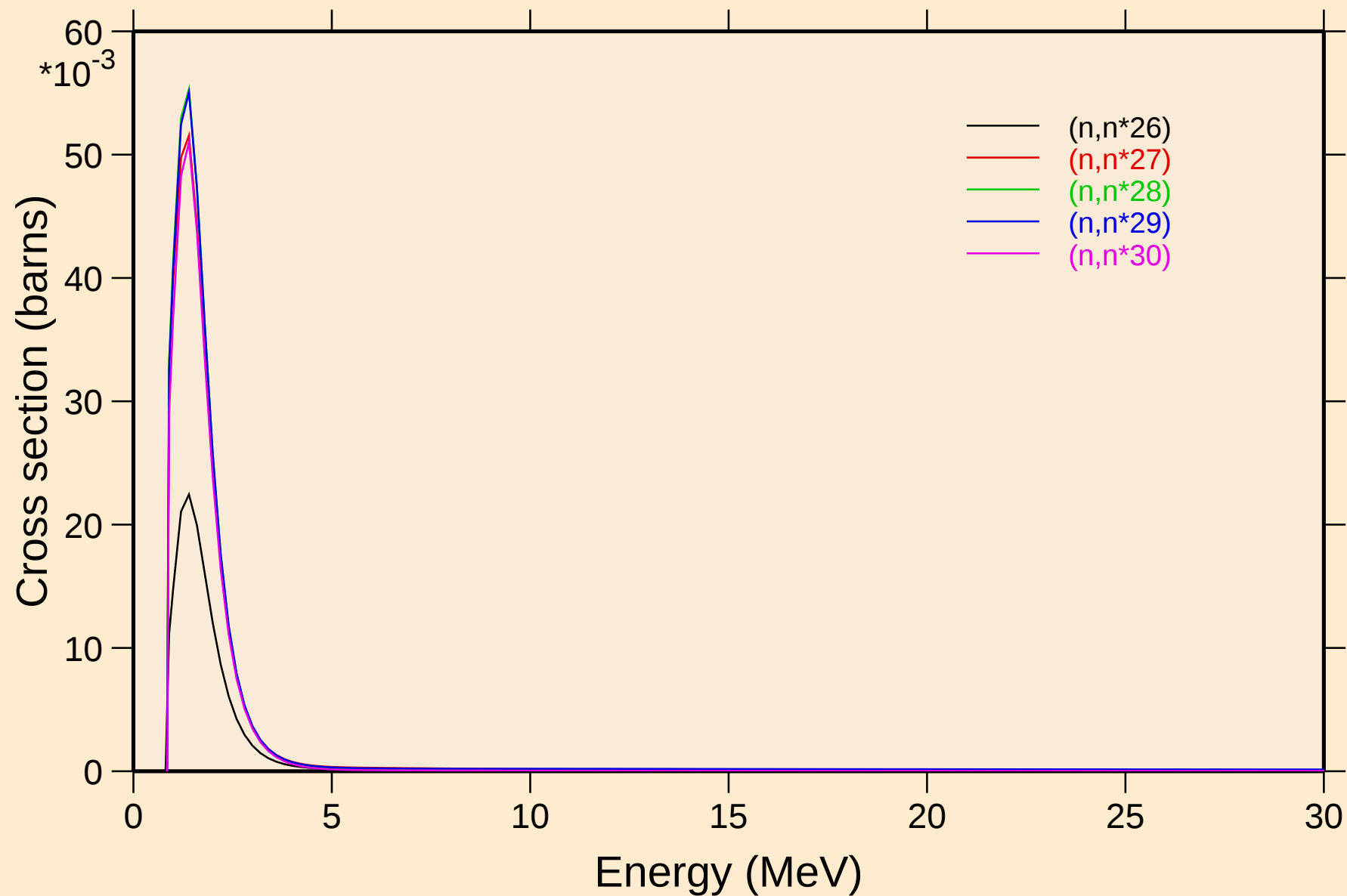
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



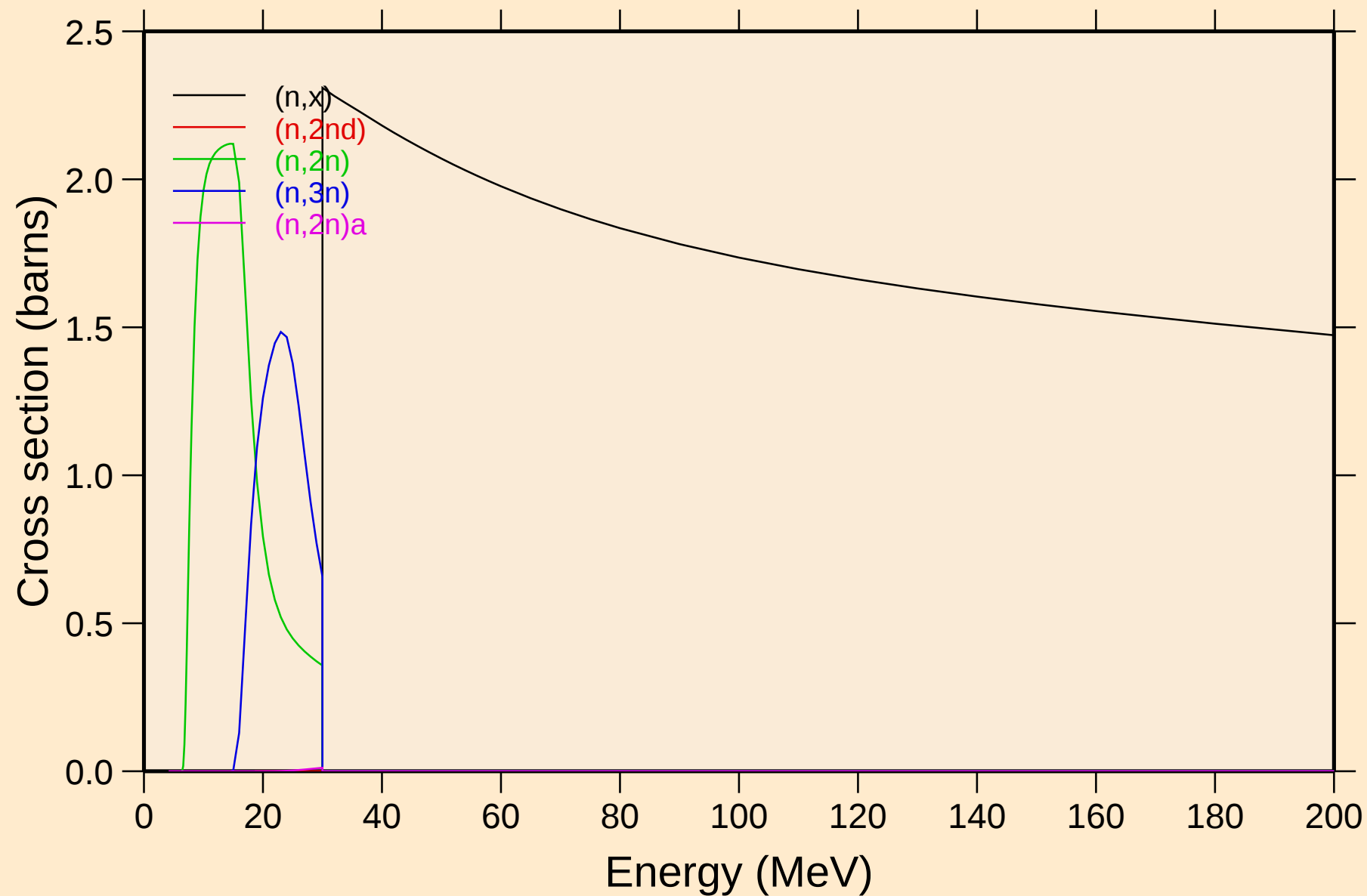
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



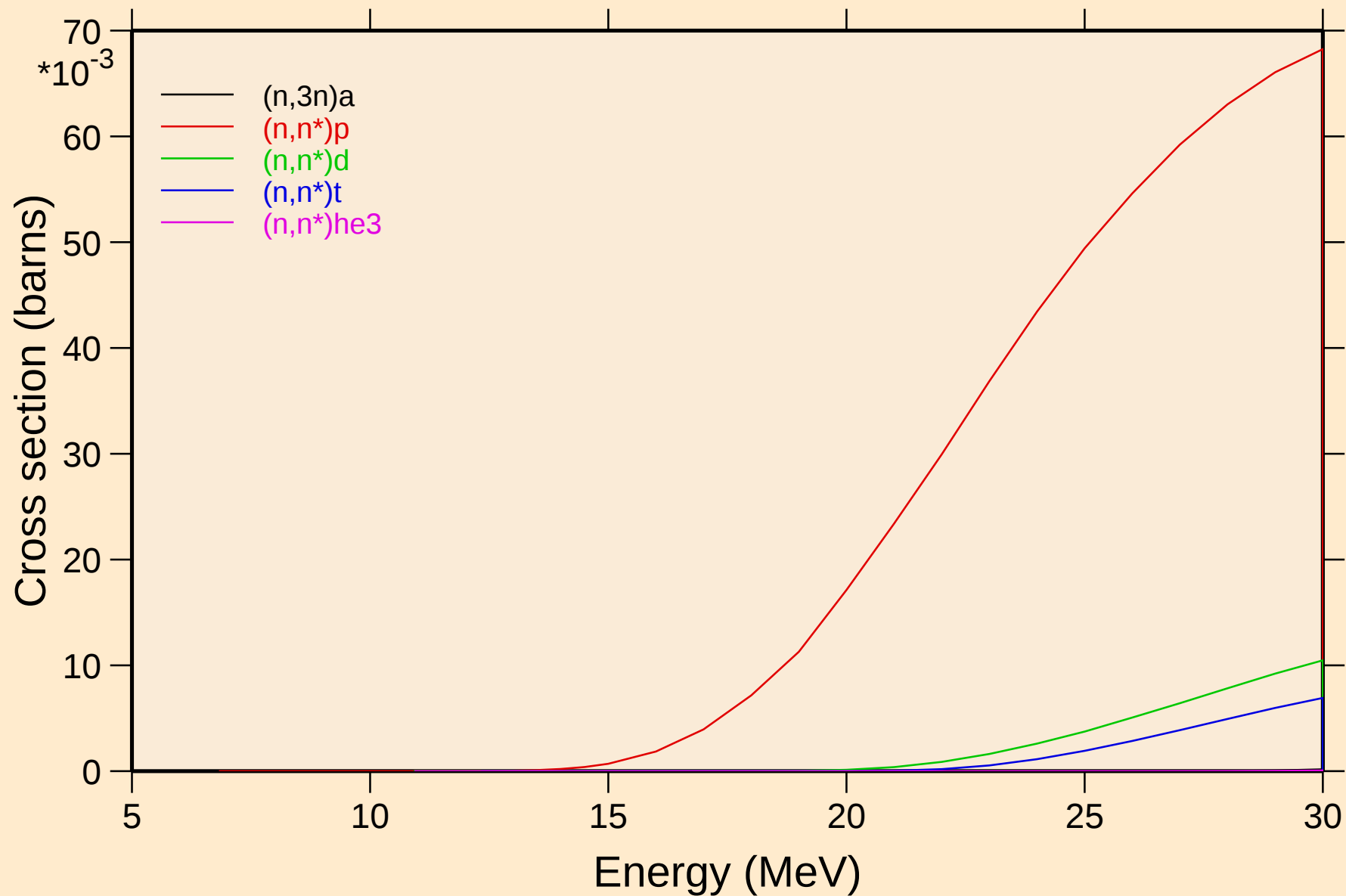
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



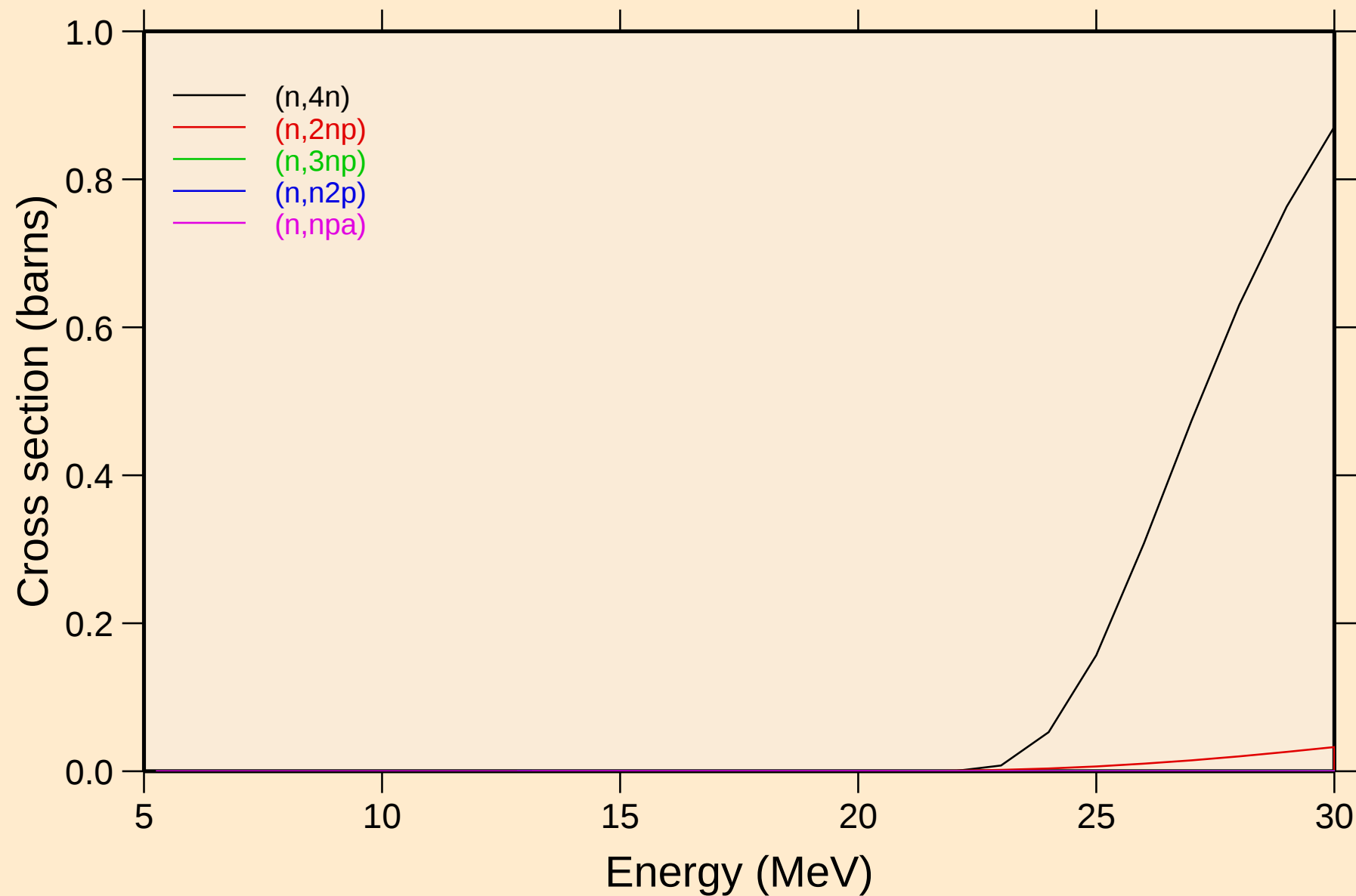
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



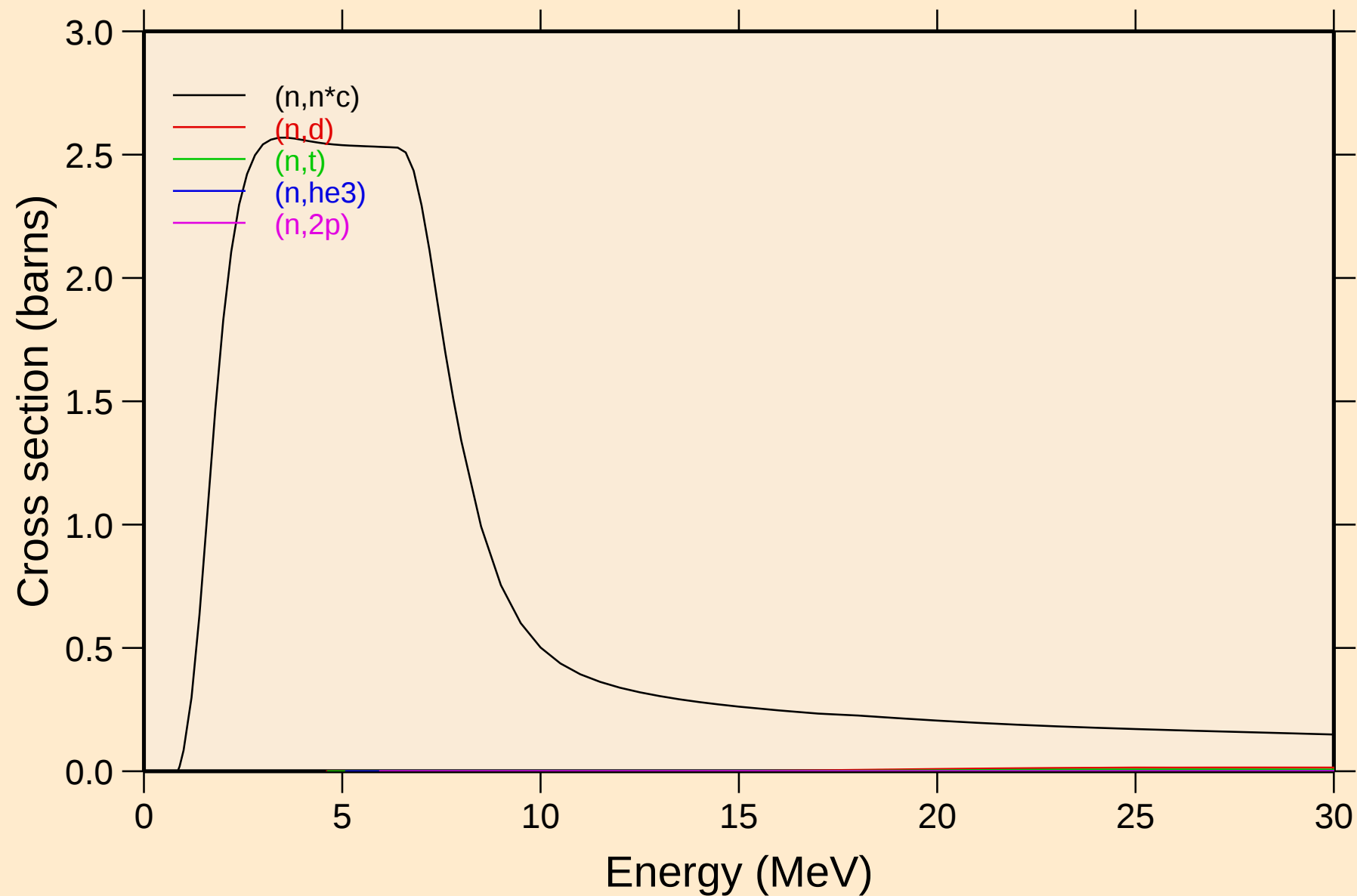
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



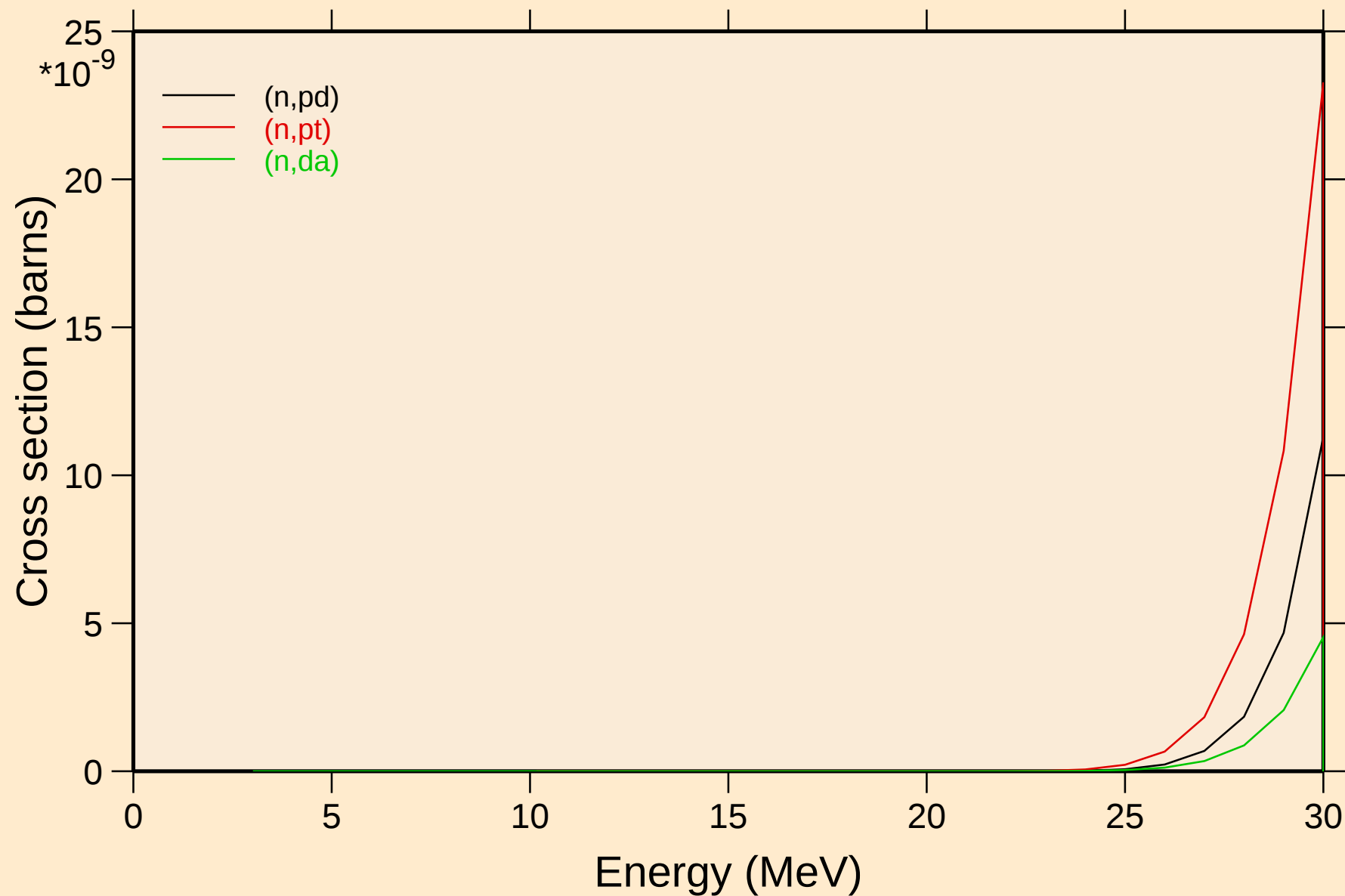
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



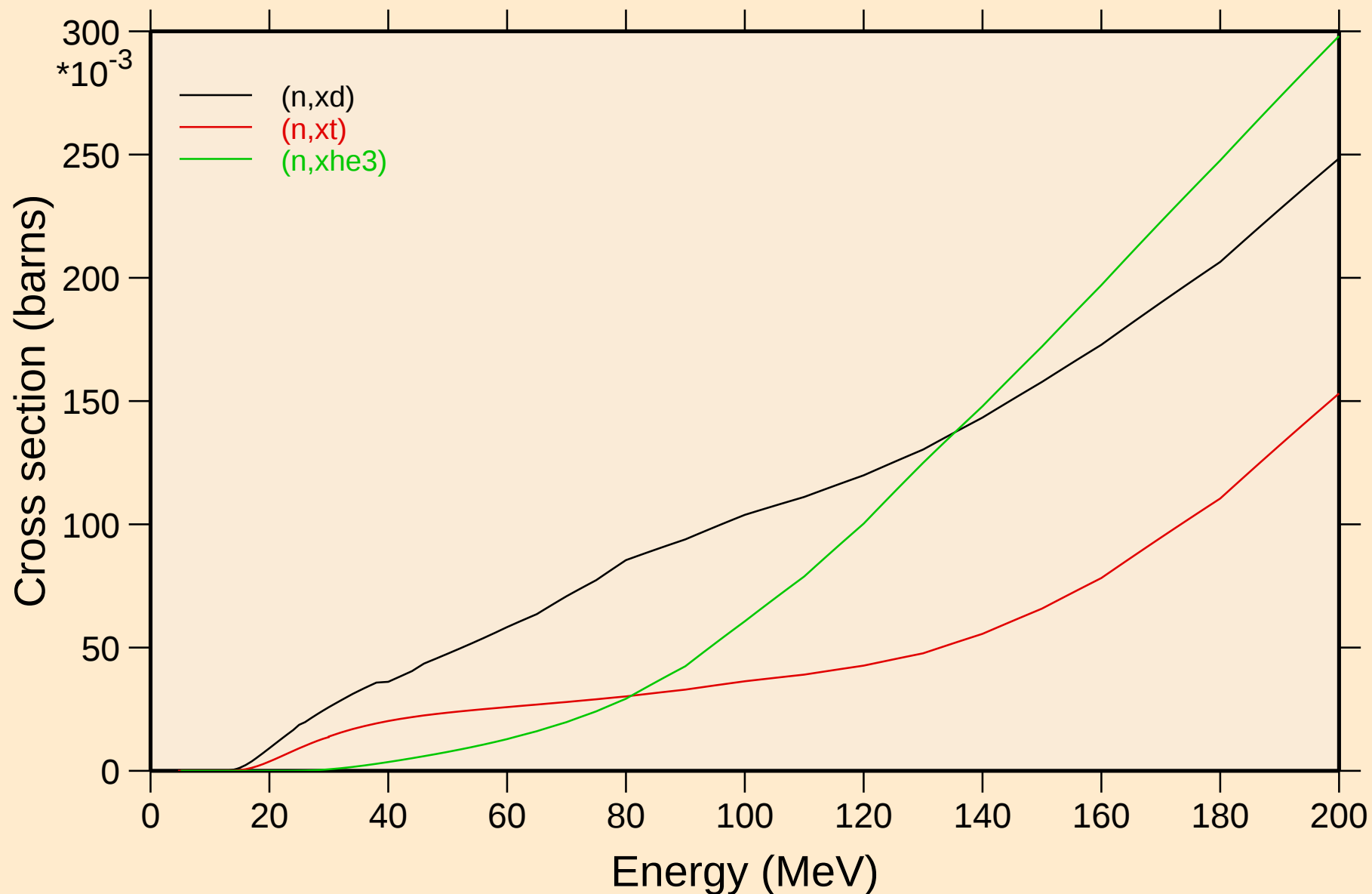
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

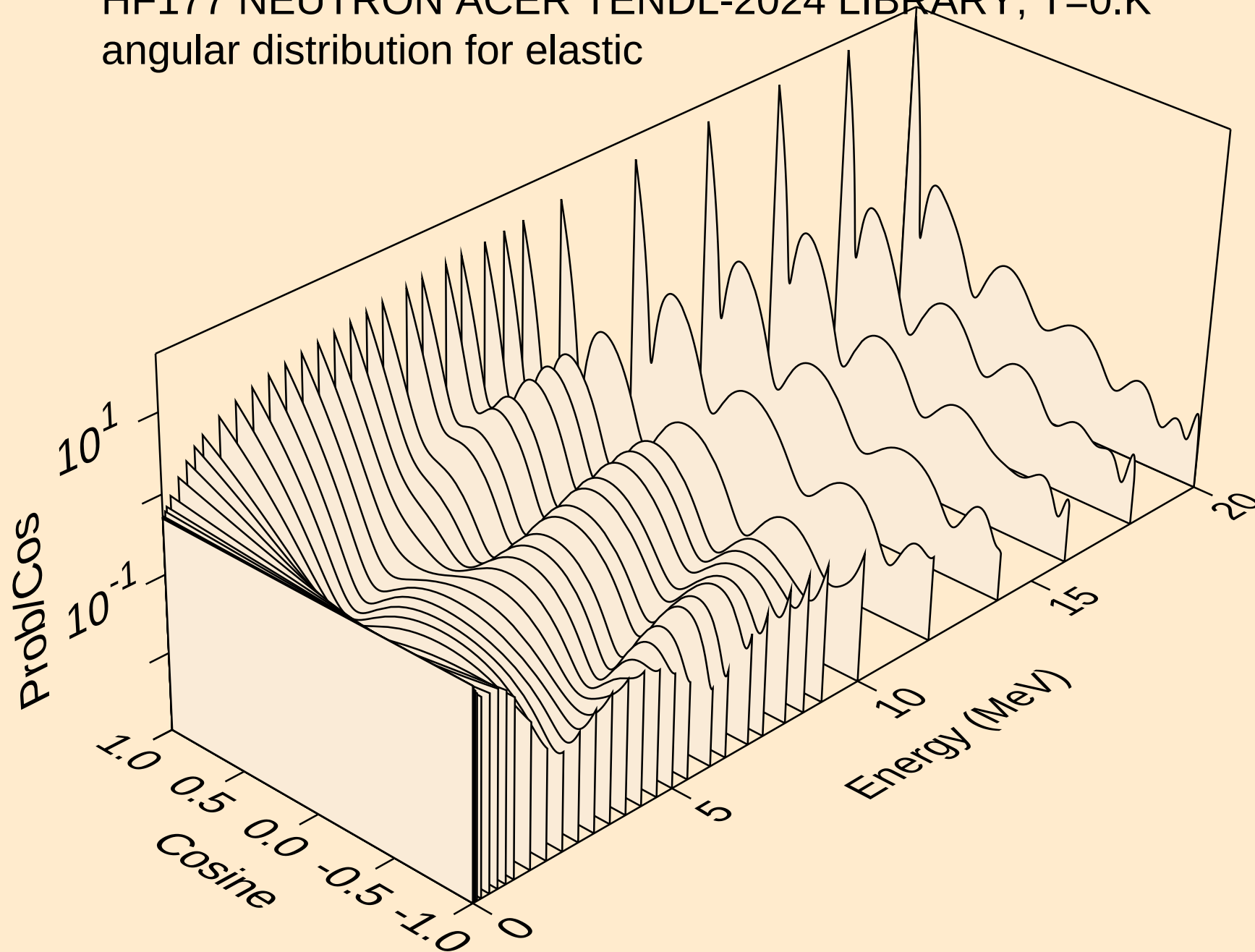


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

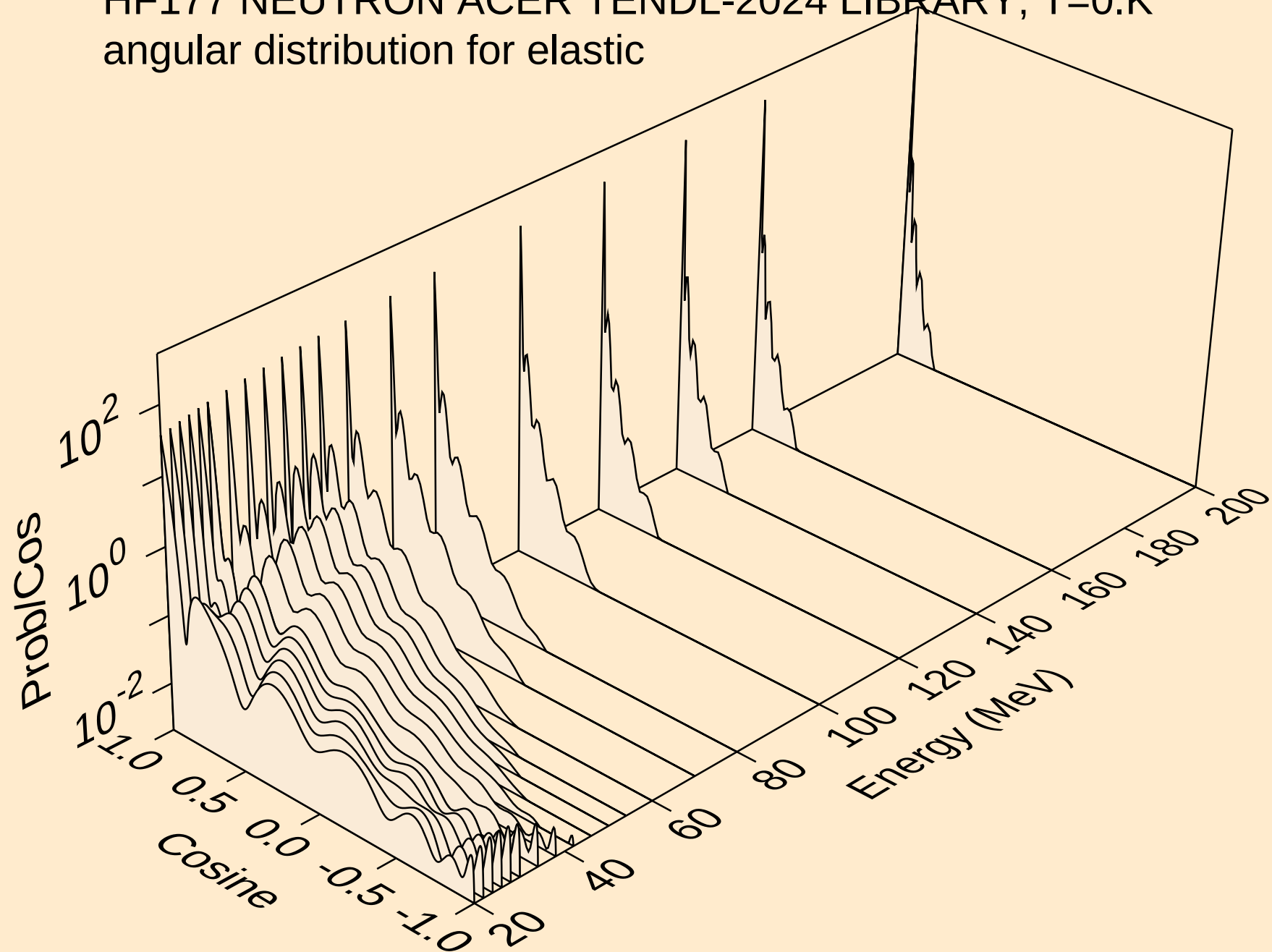
Threshold reactions



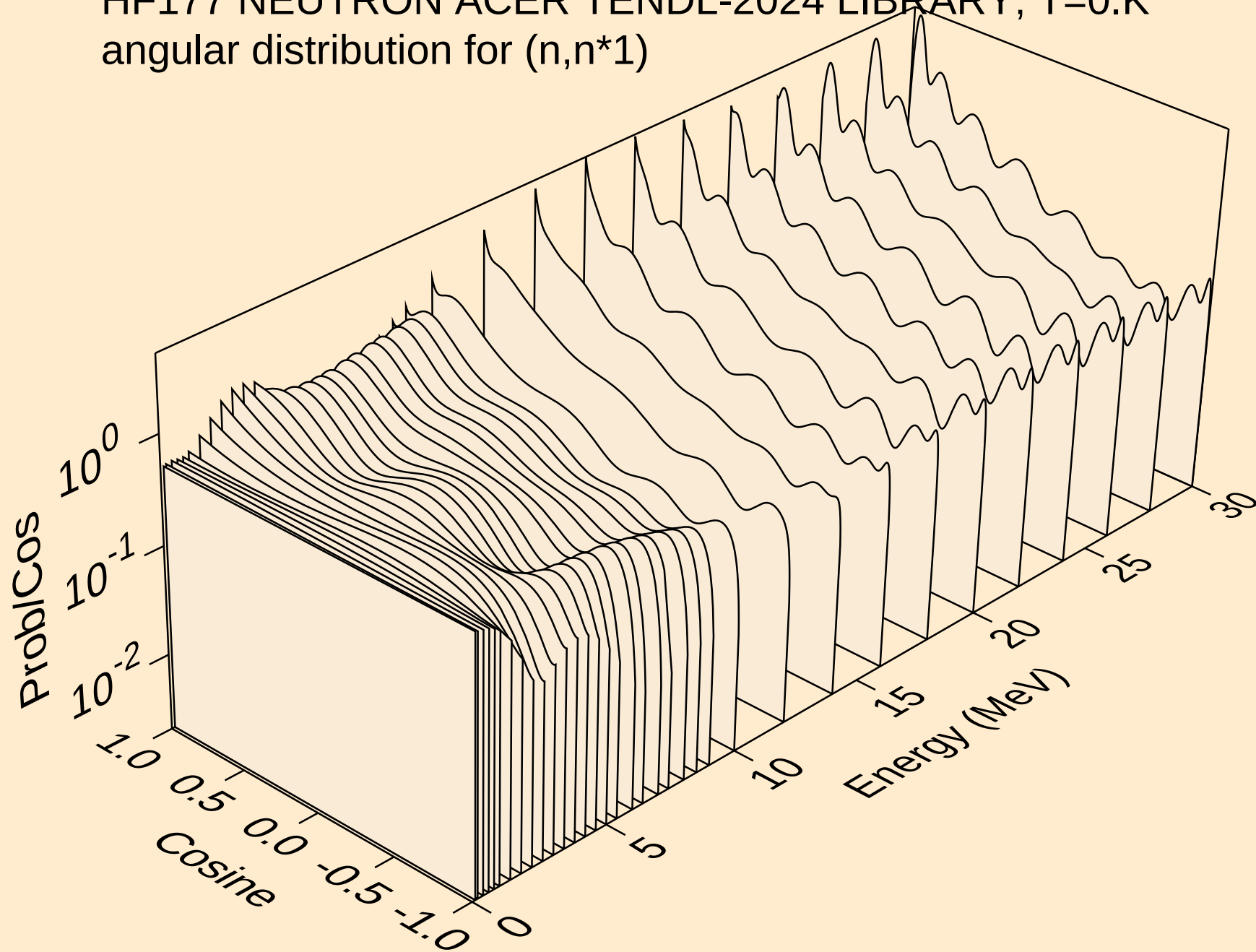
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



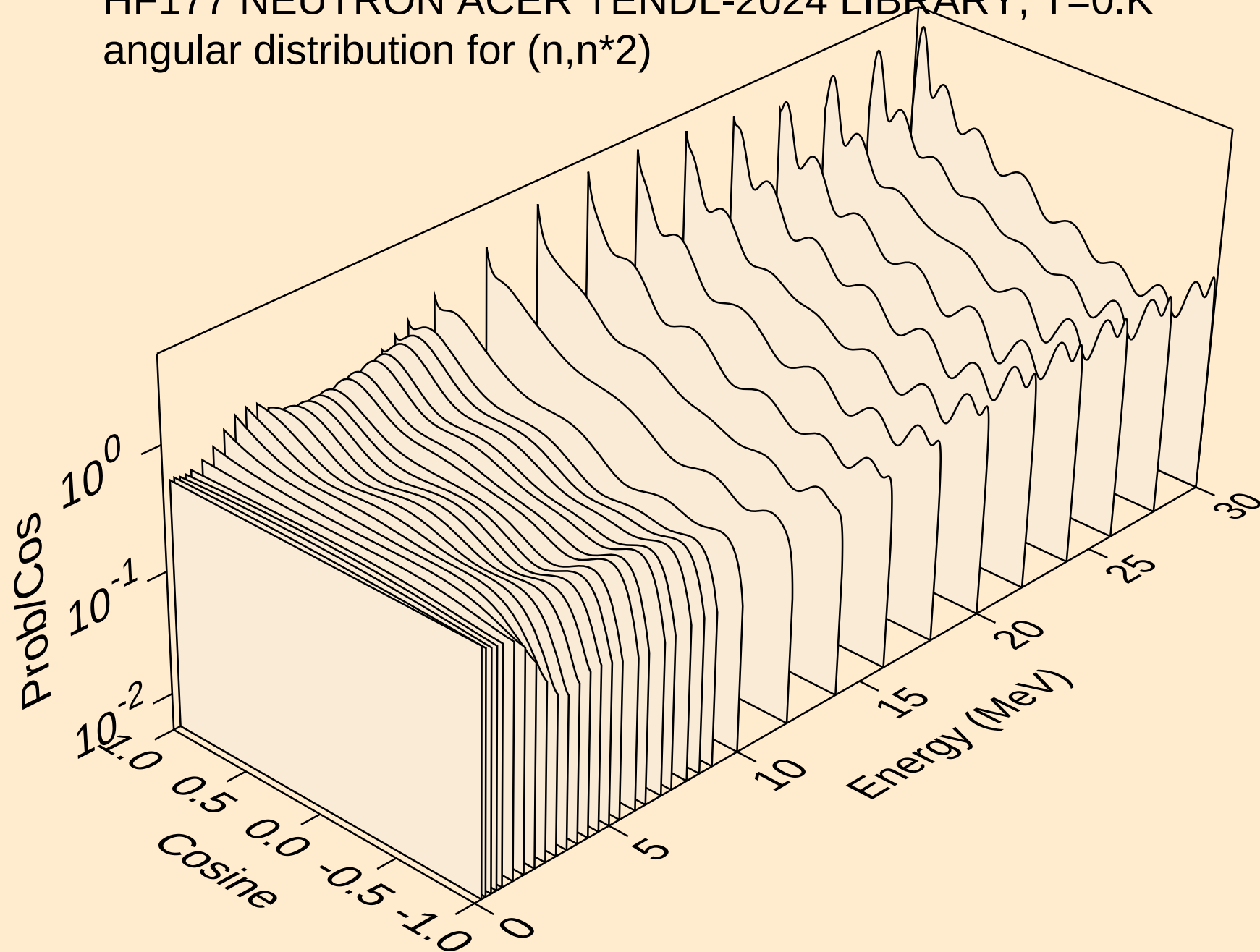
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



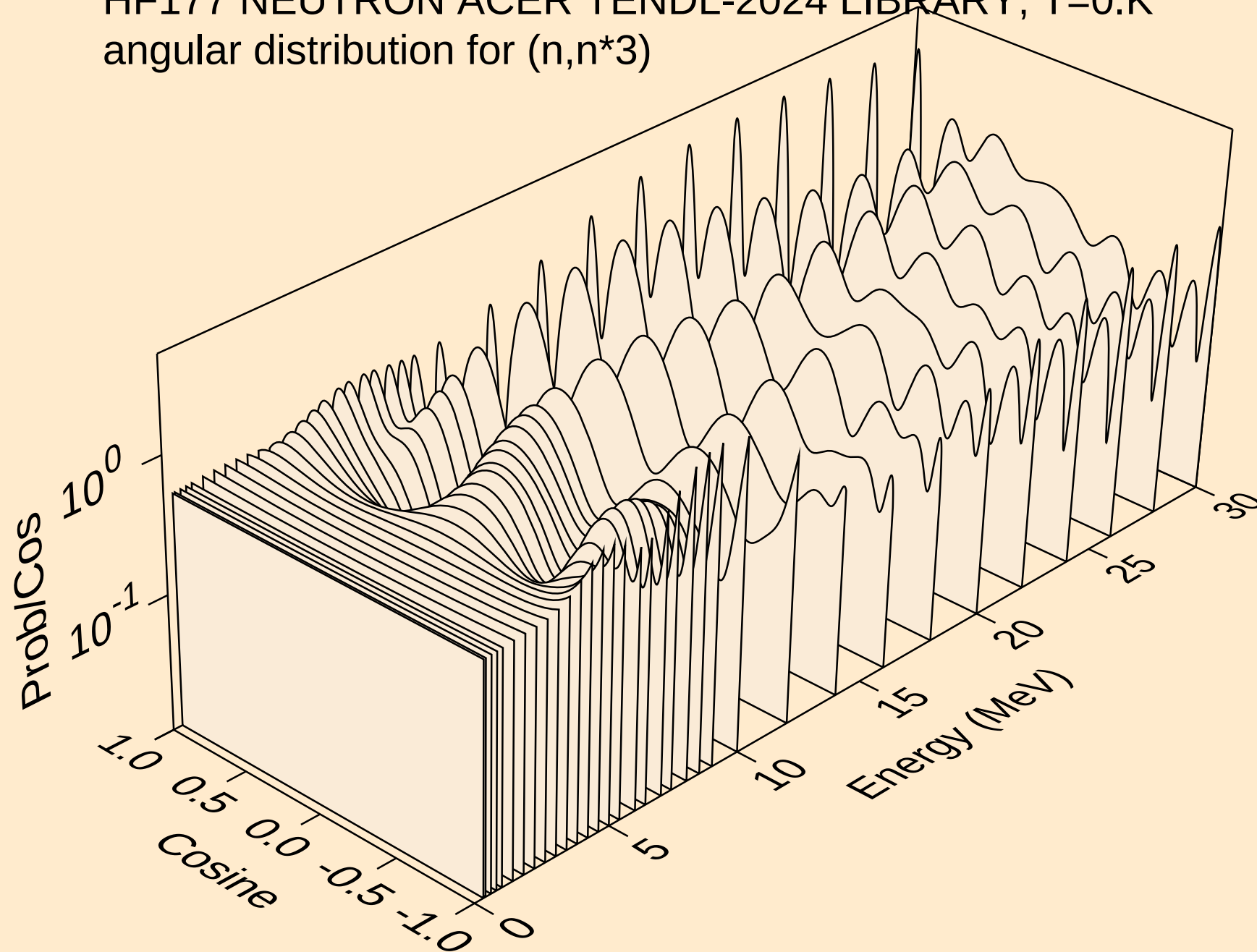
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



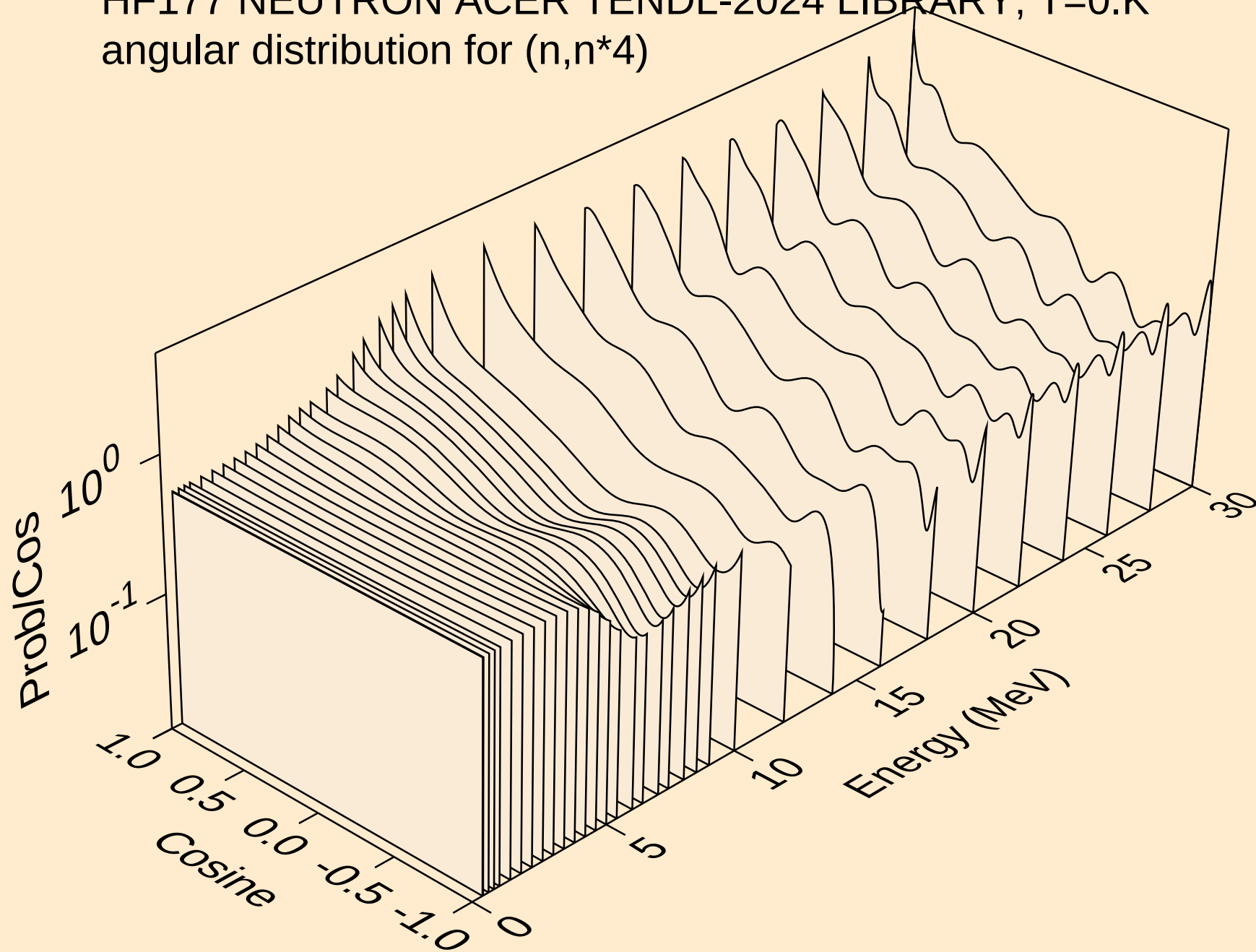
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



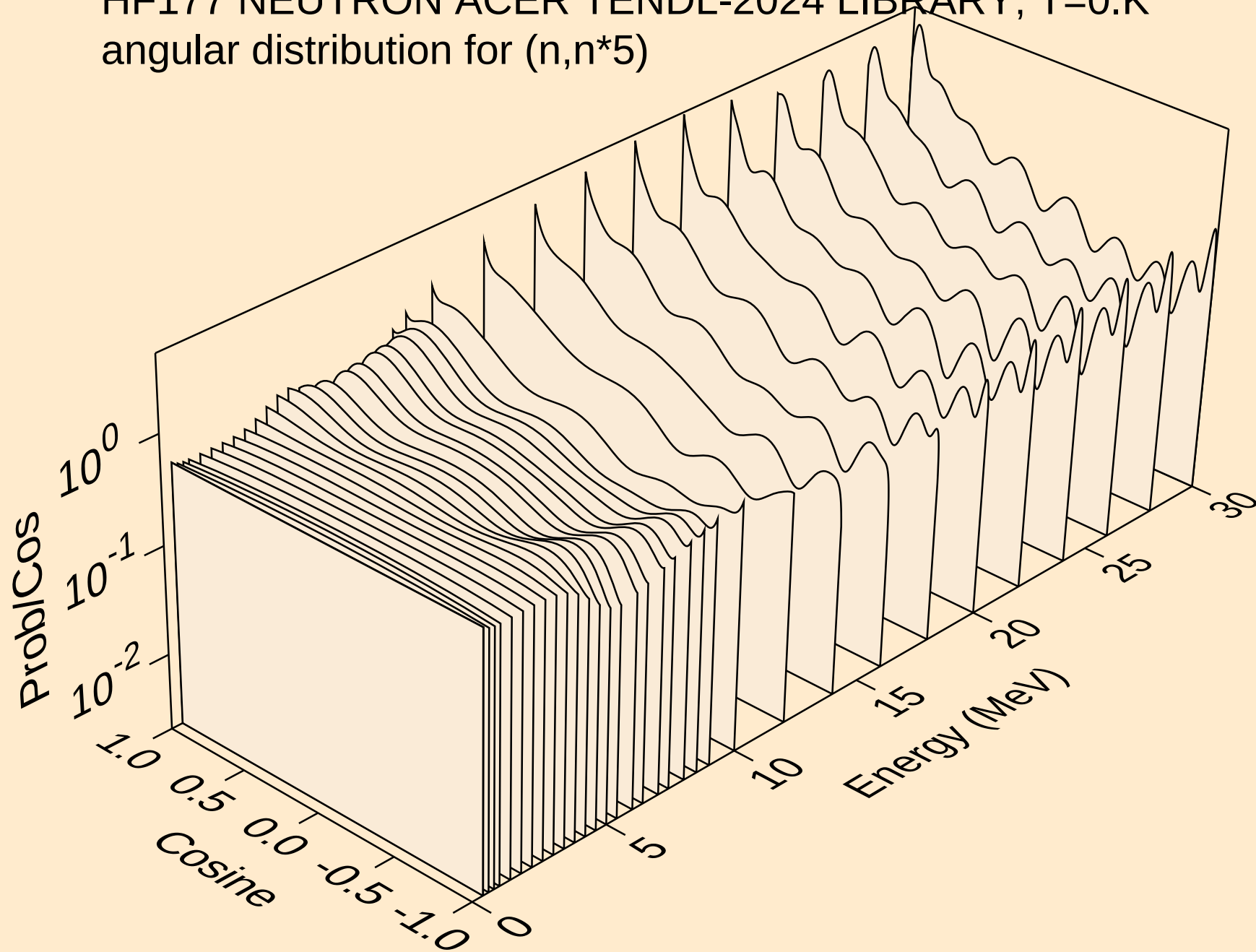
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



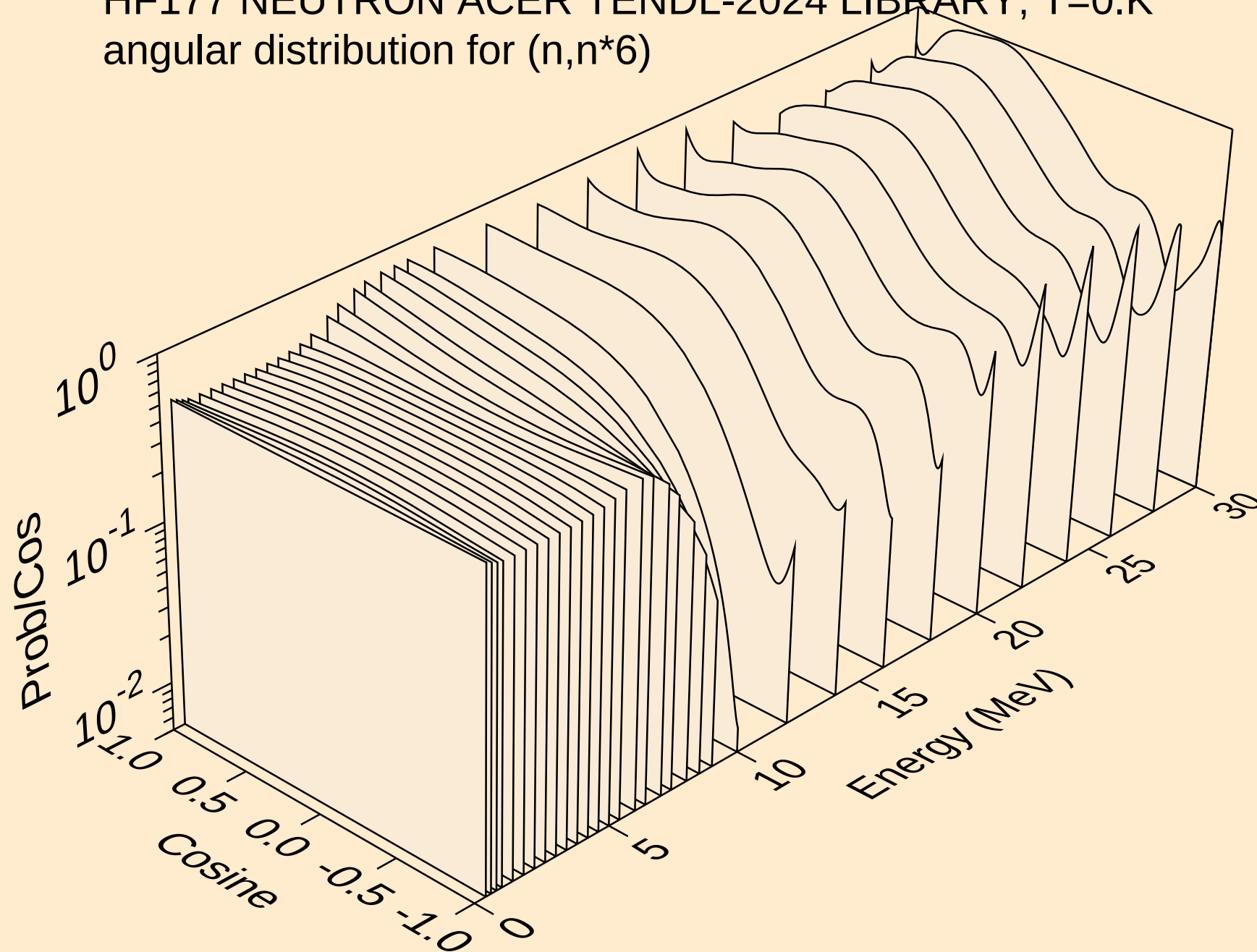
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



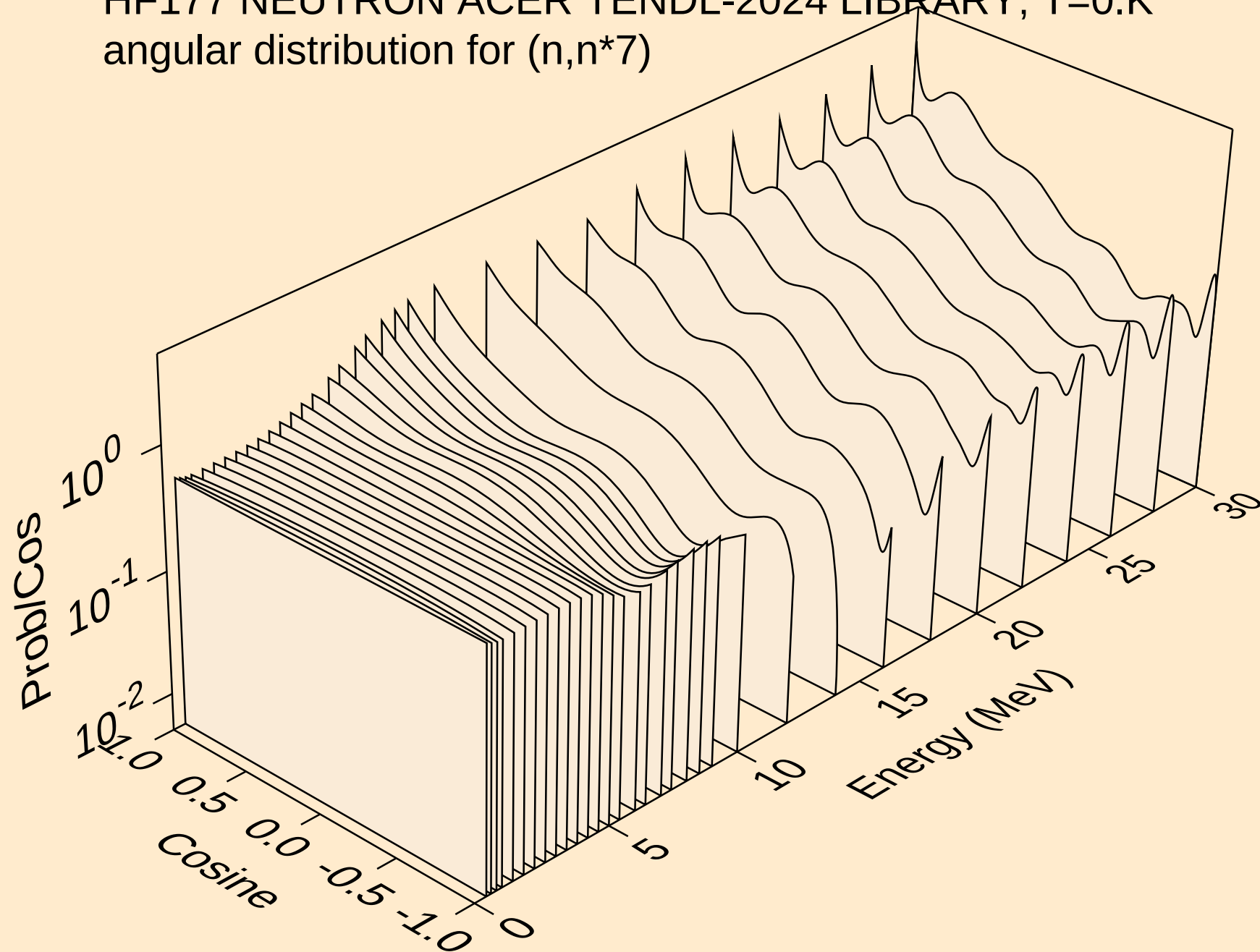
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



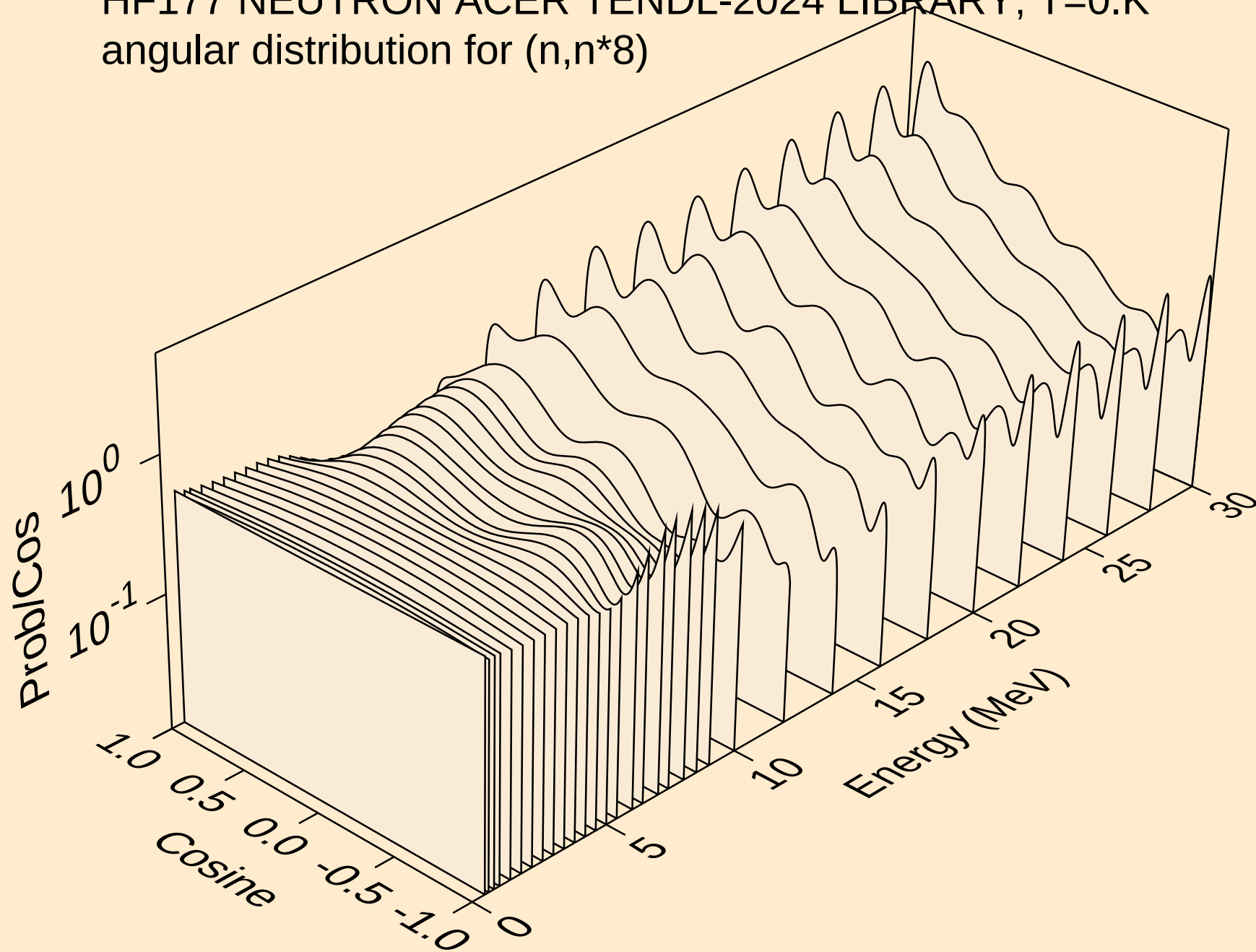
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



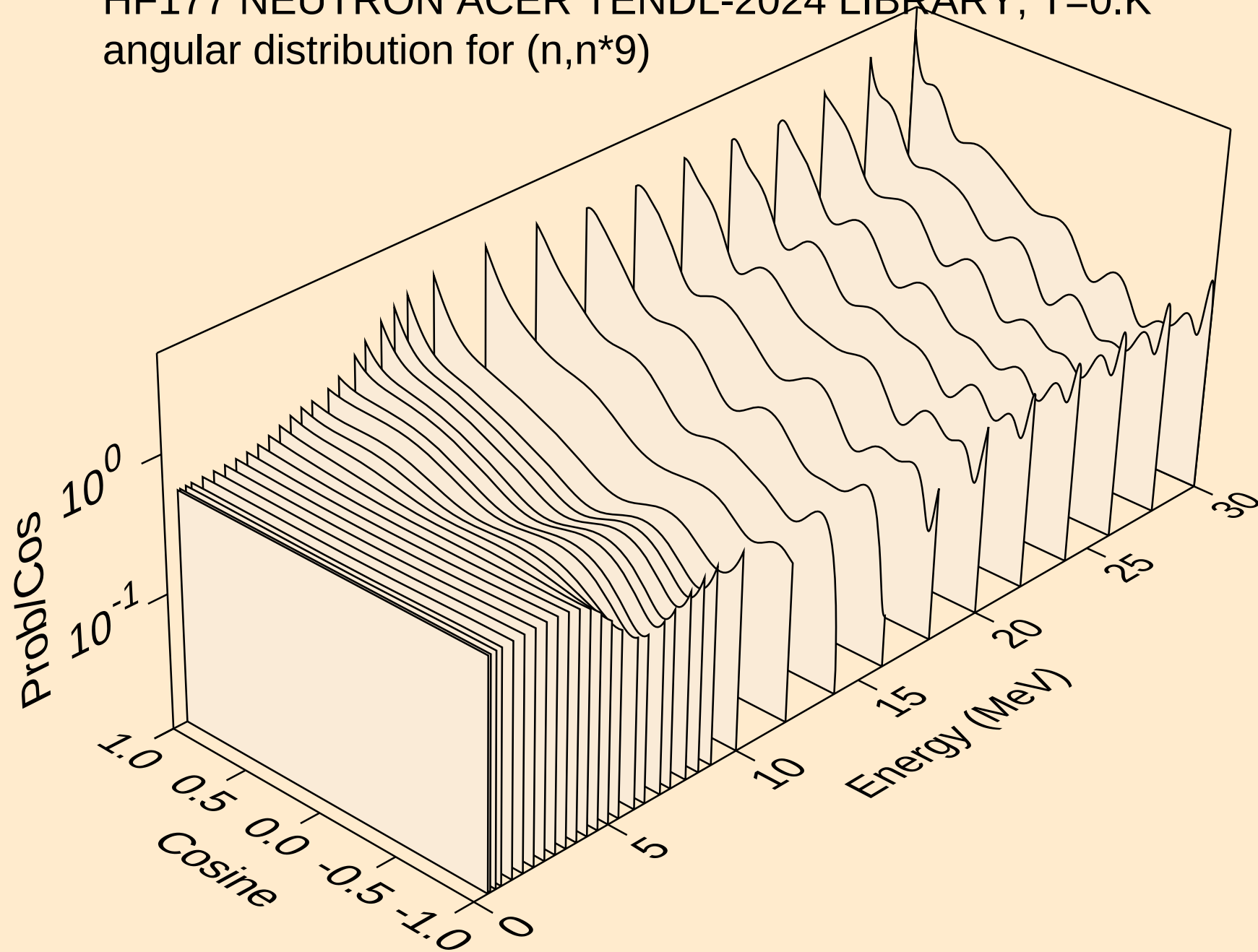
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



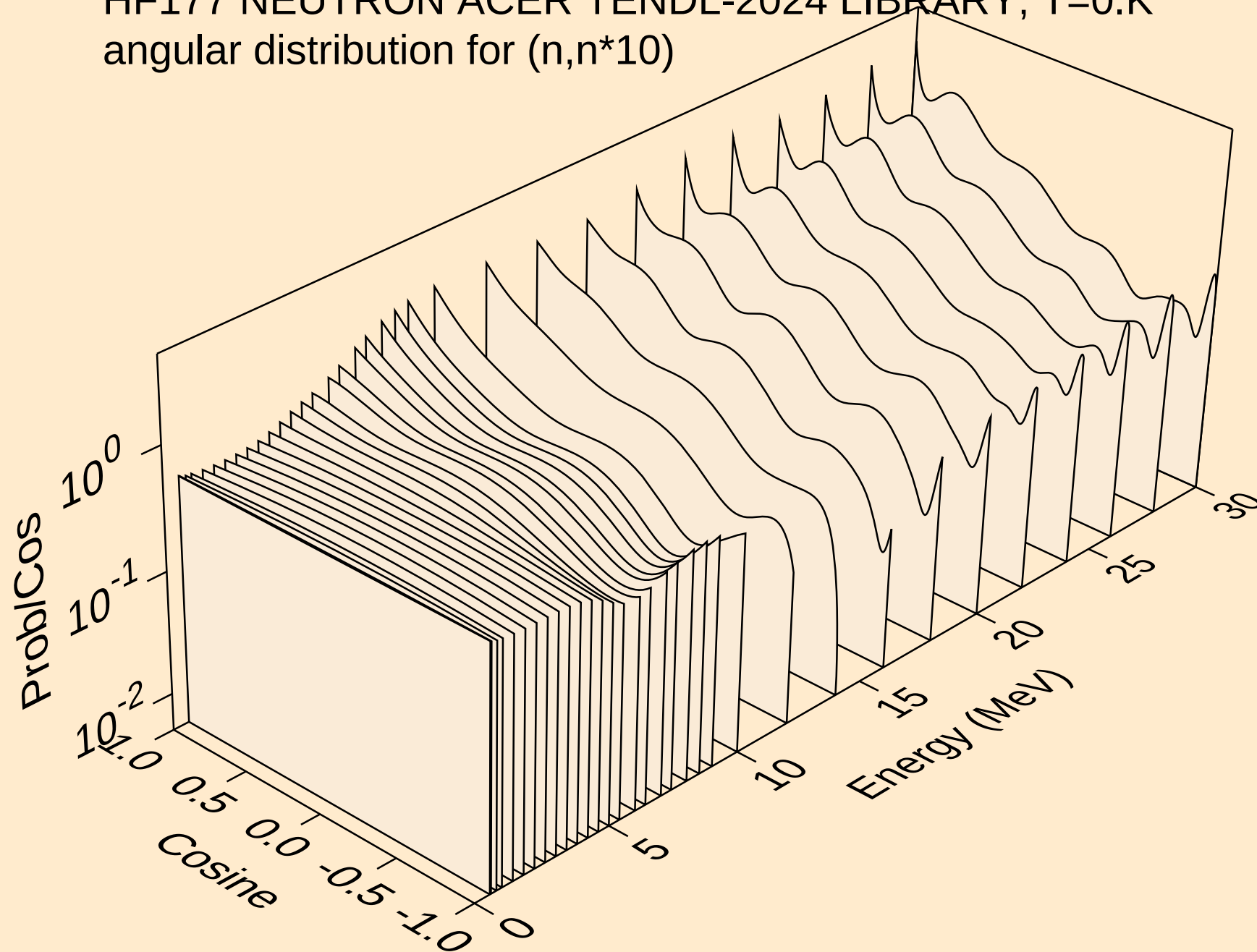
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



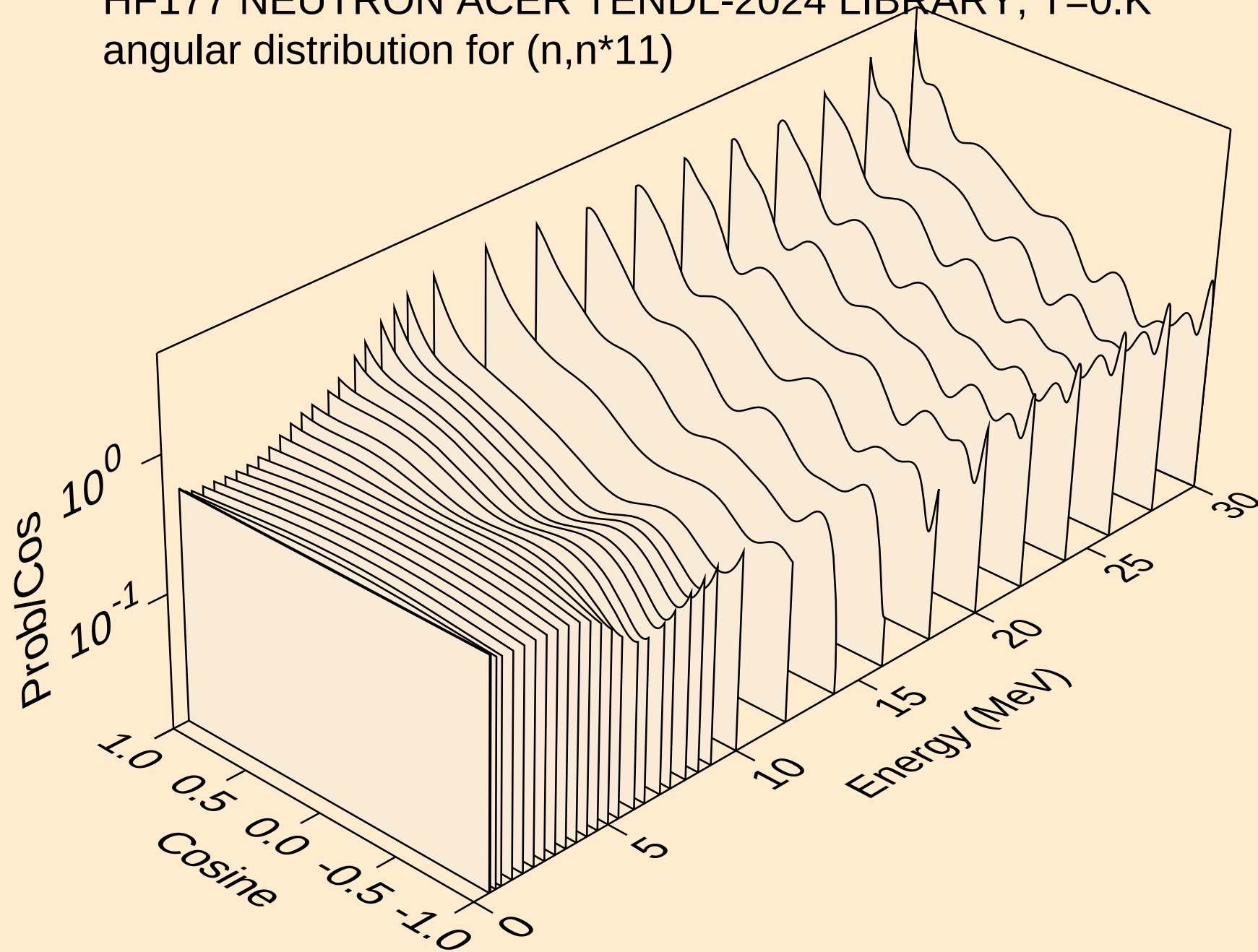
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



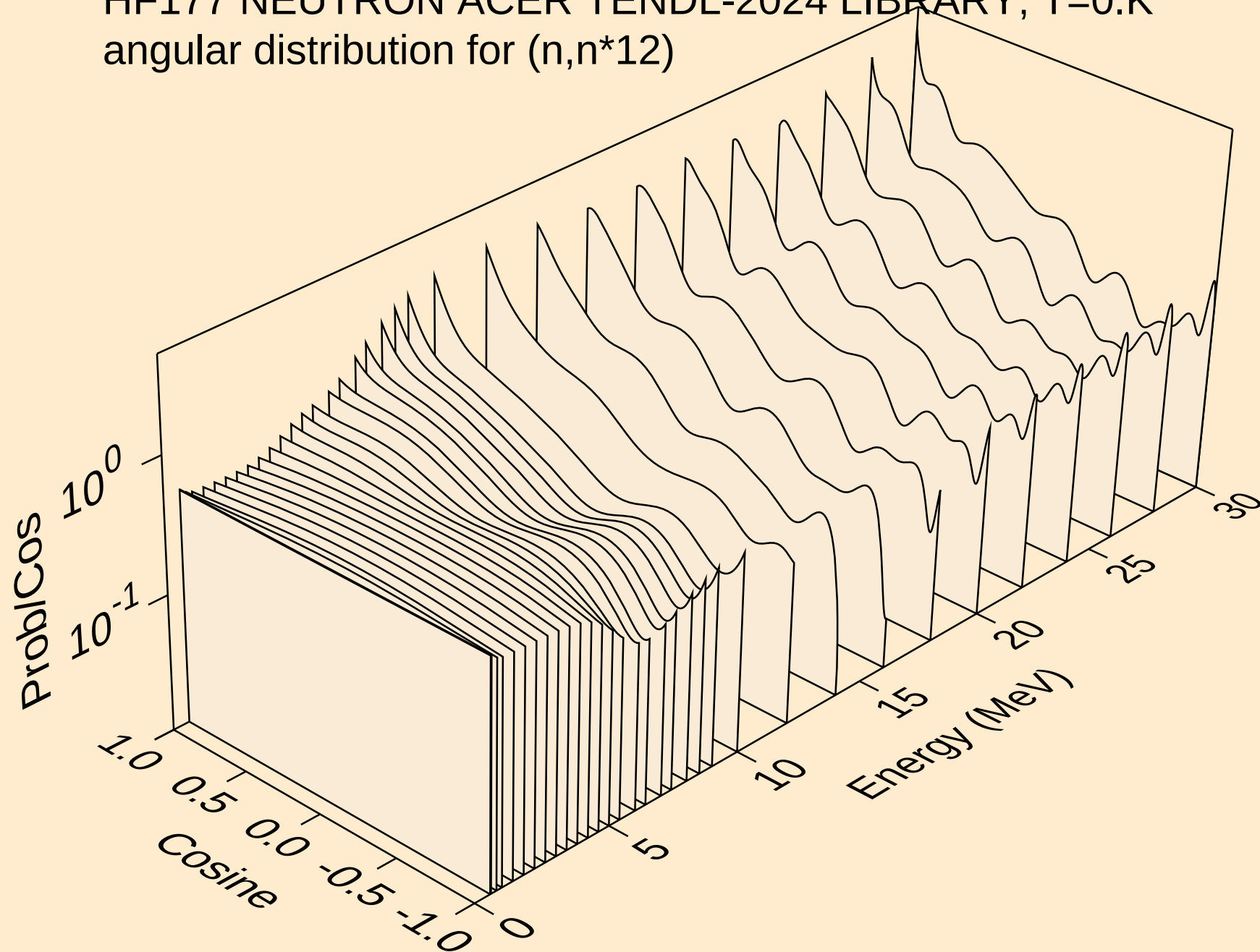
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



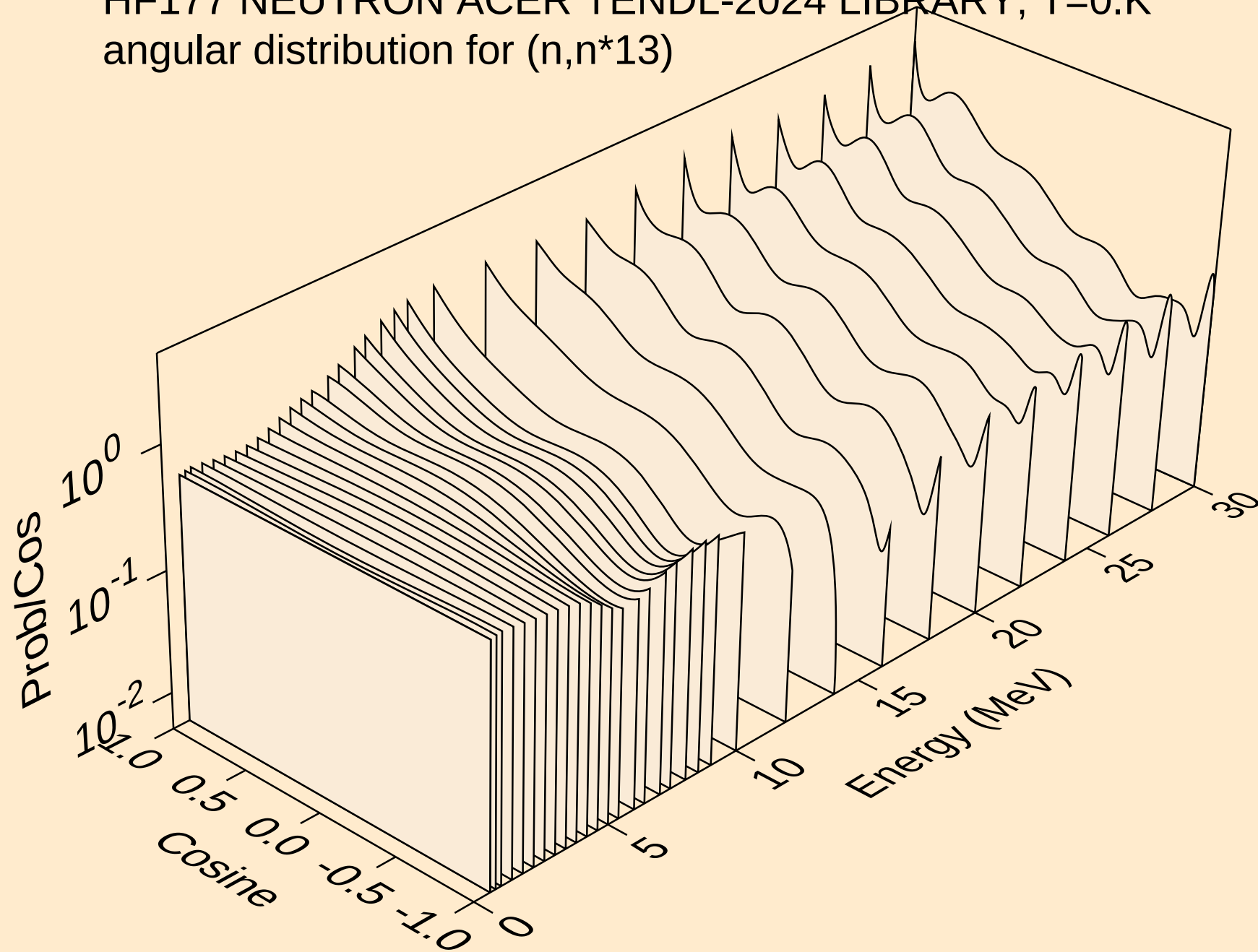
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



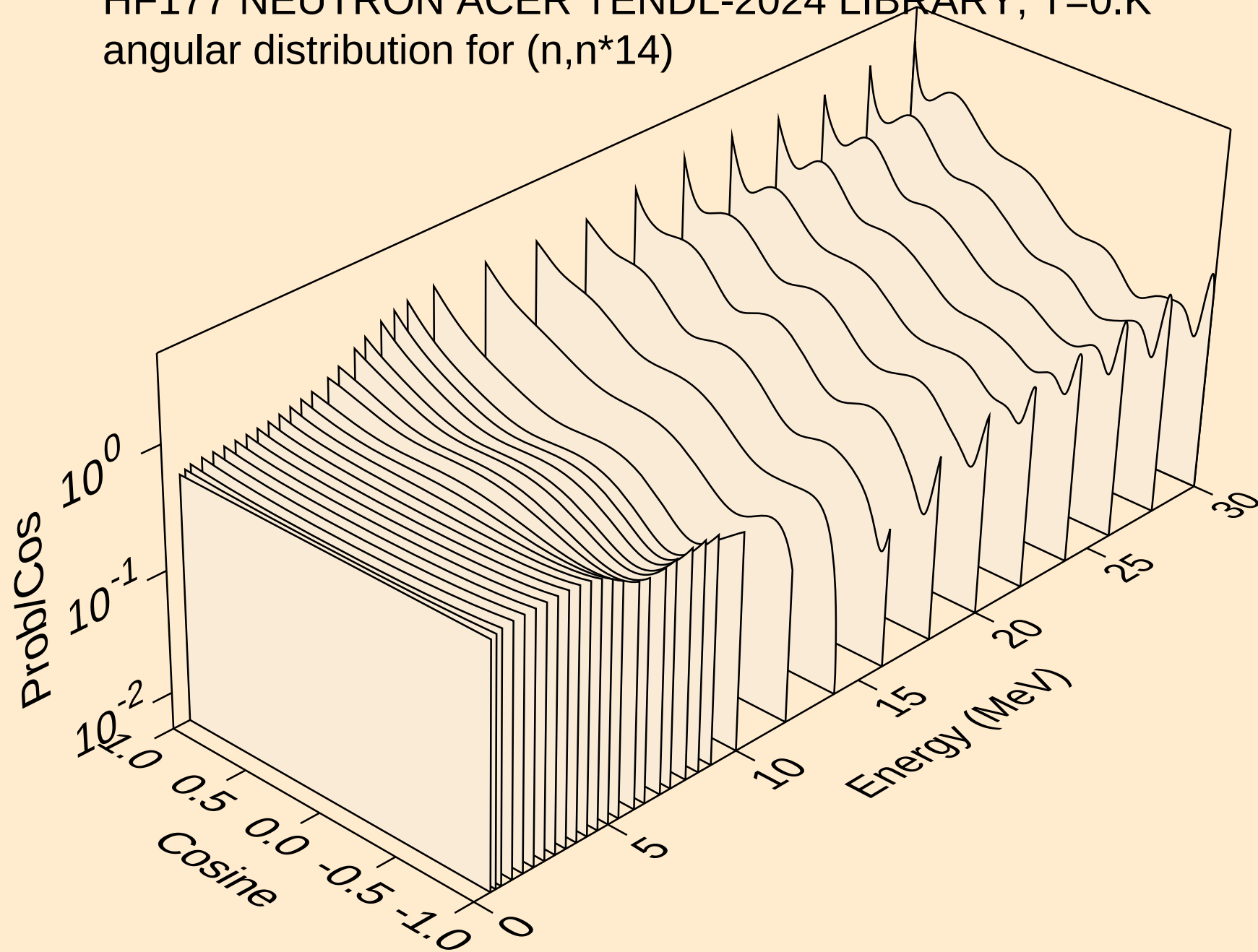
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



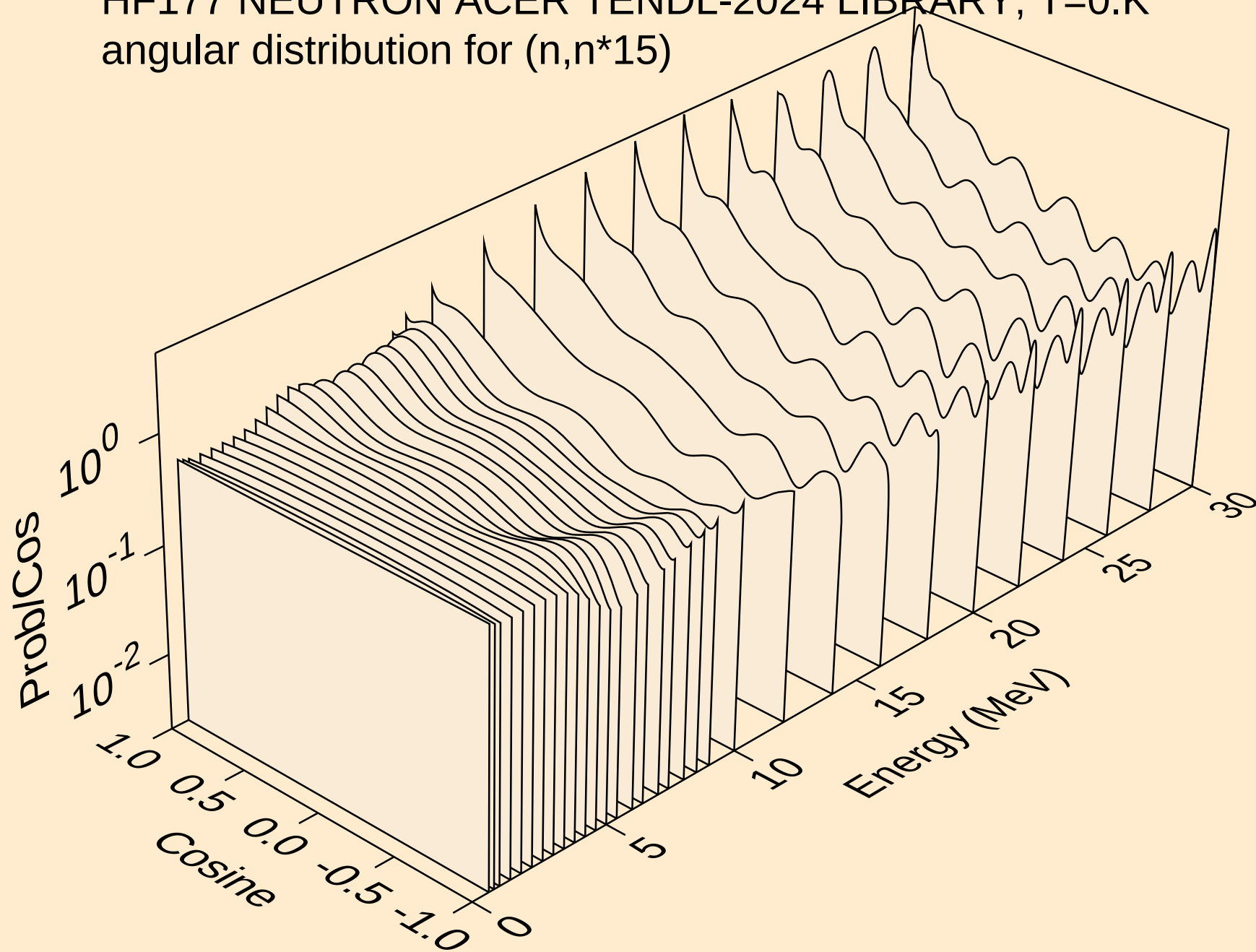
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



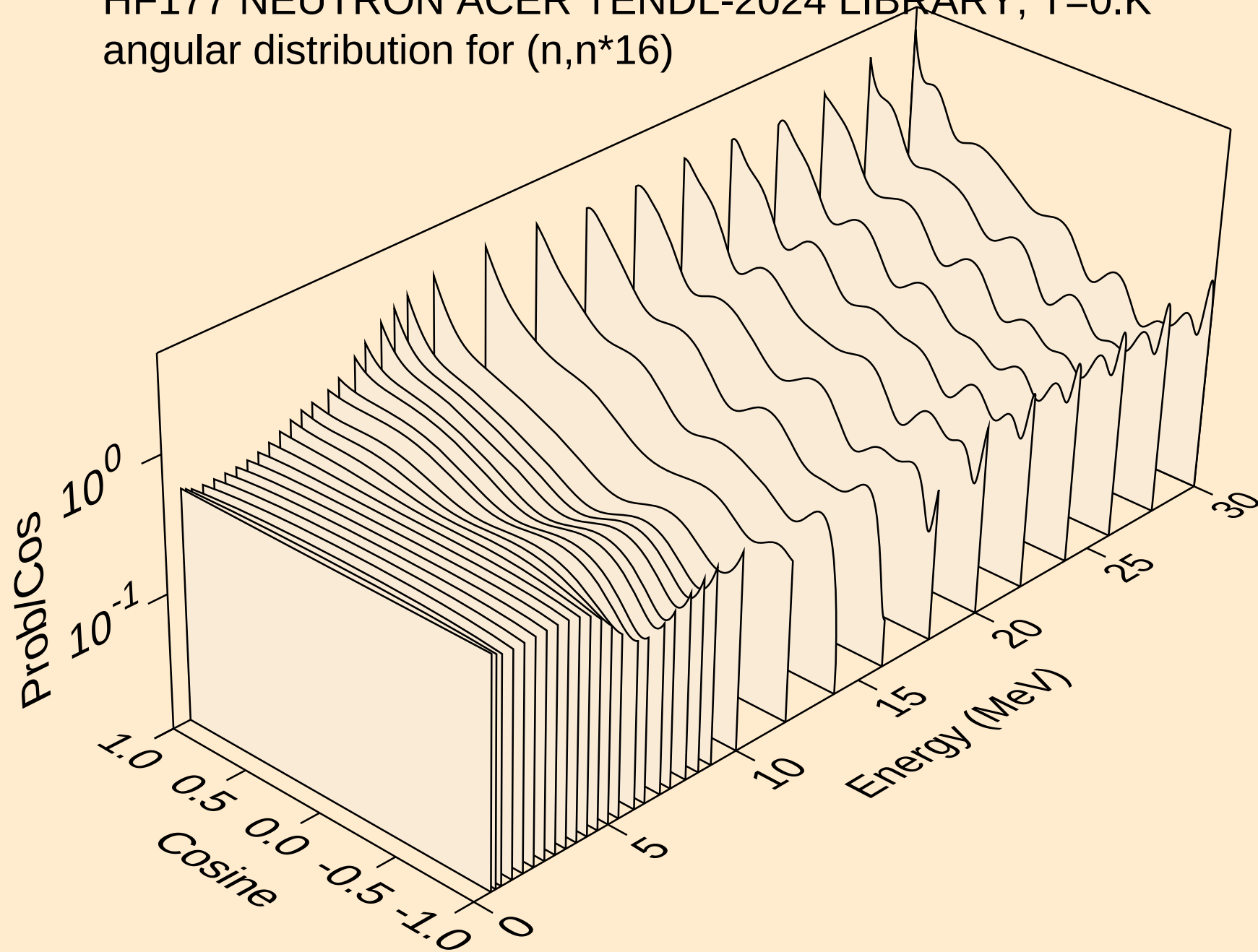
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



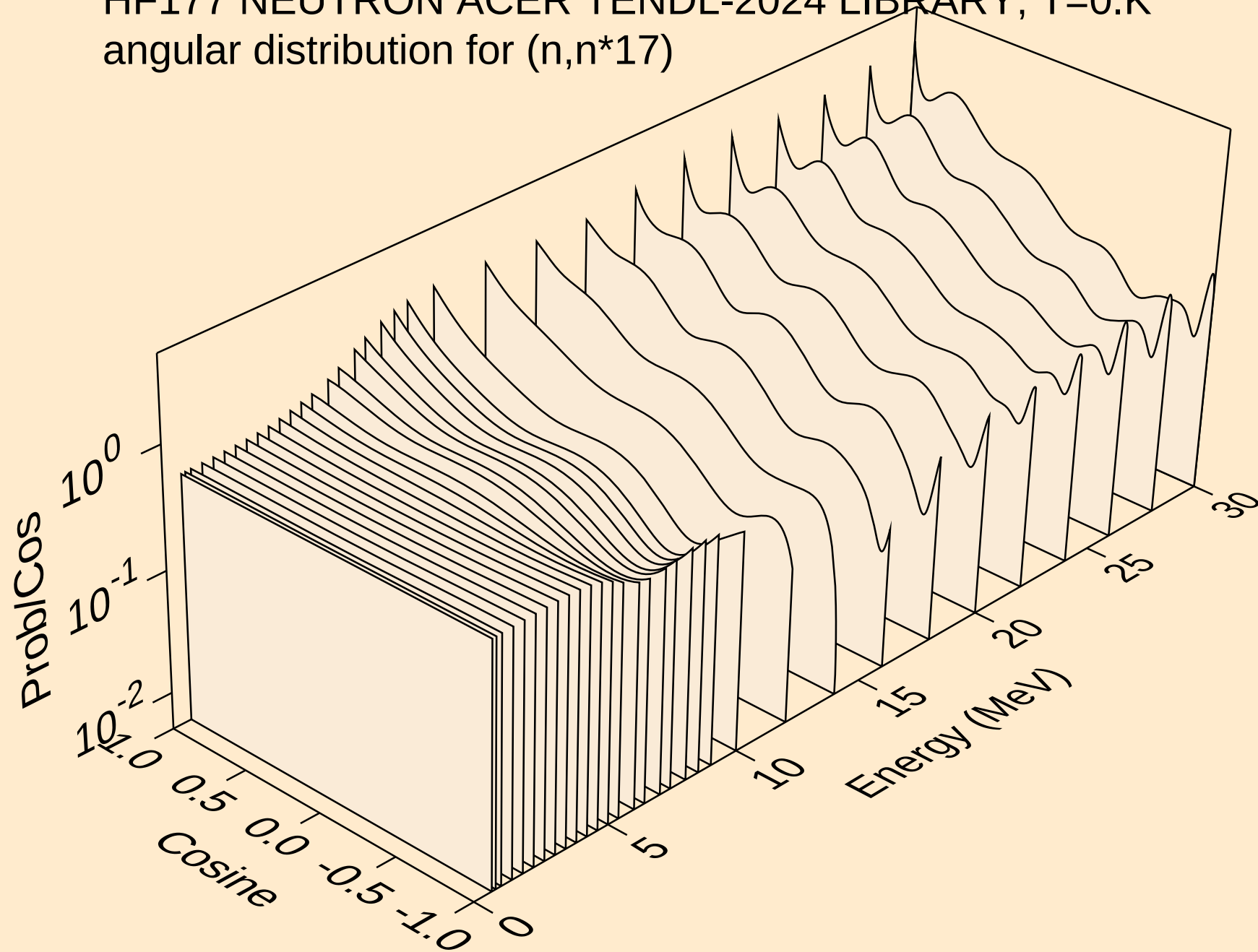
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



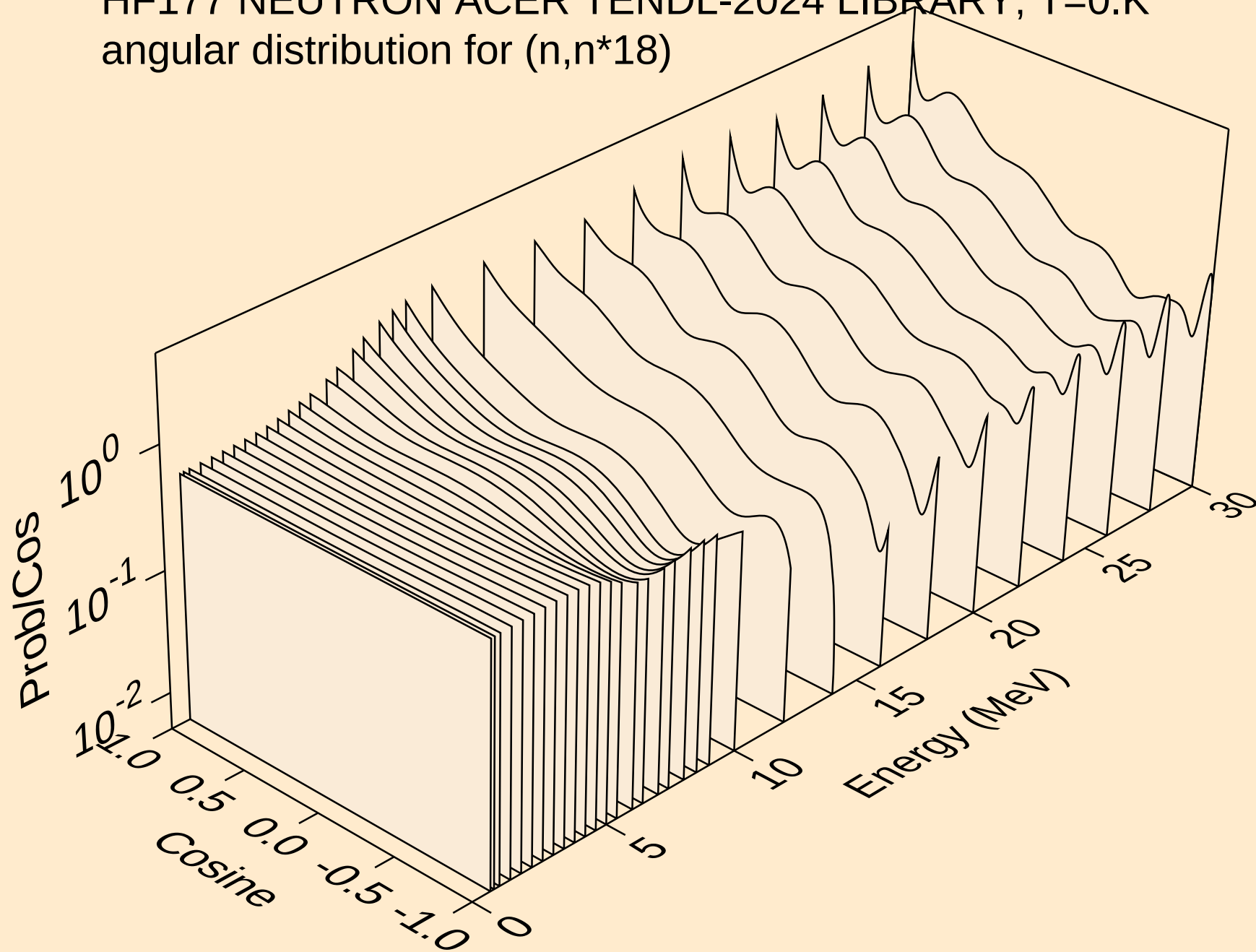
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



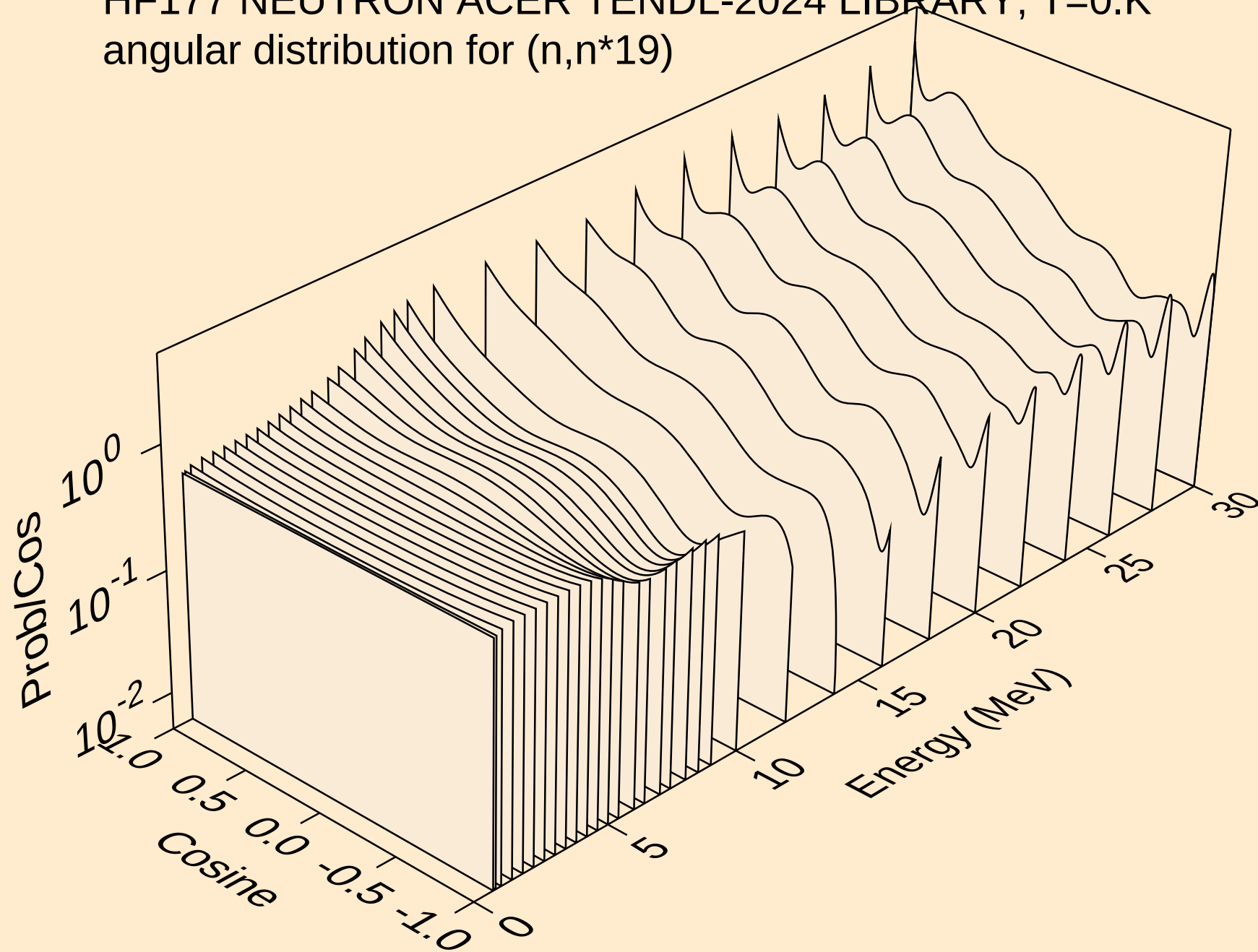
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



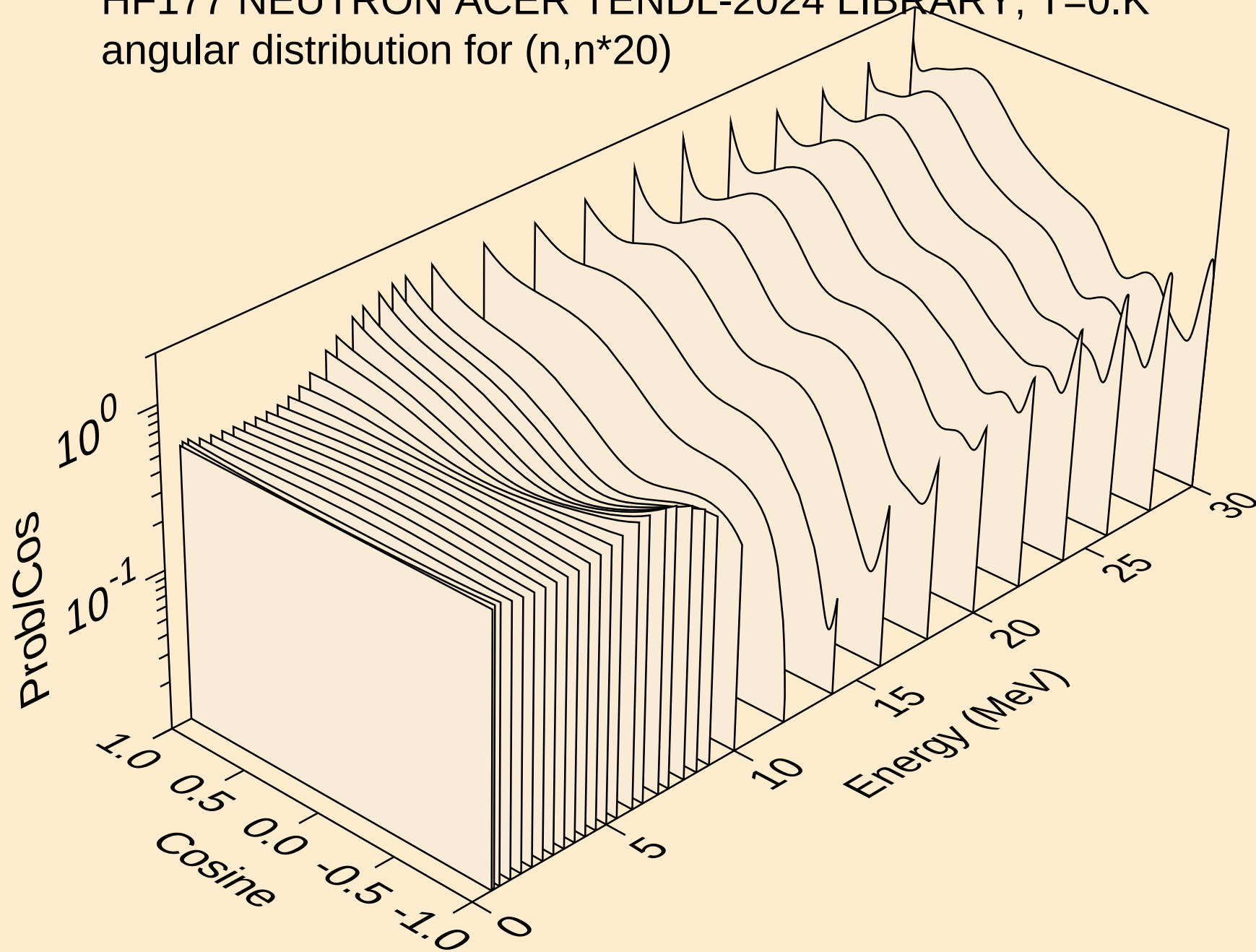
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



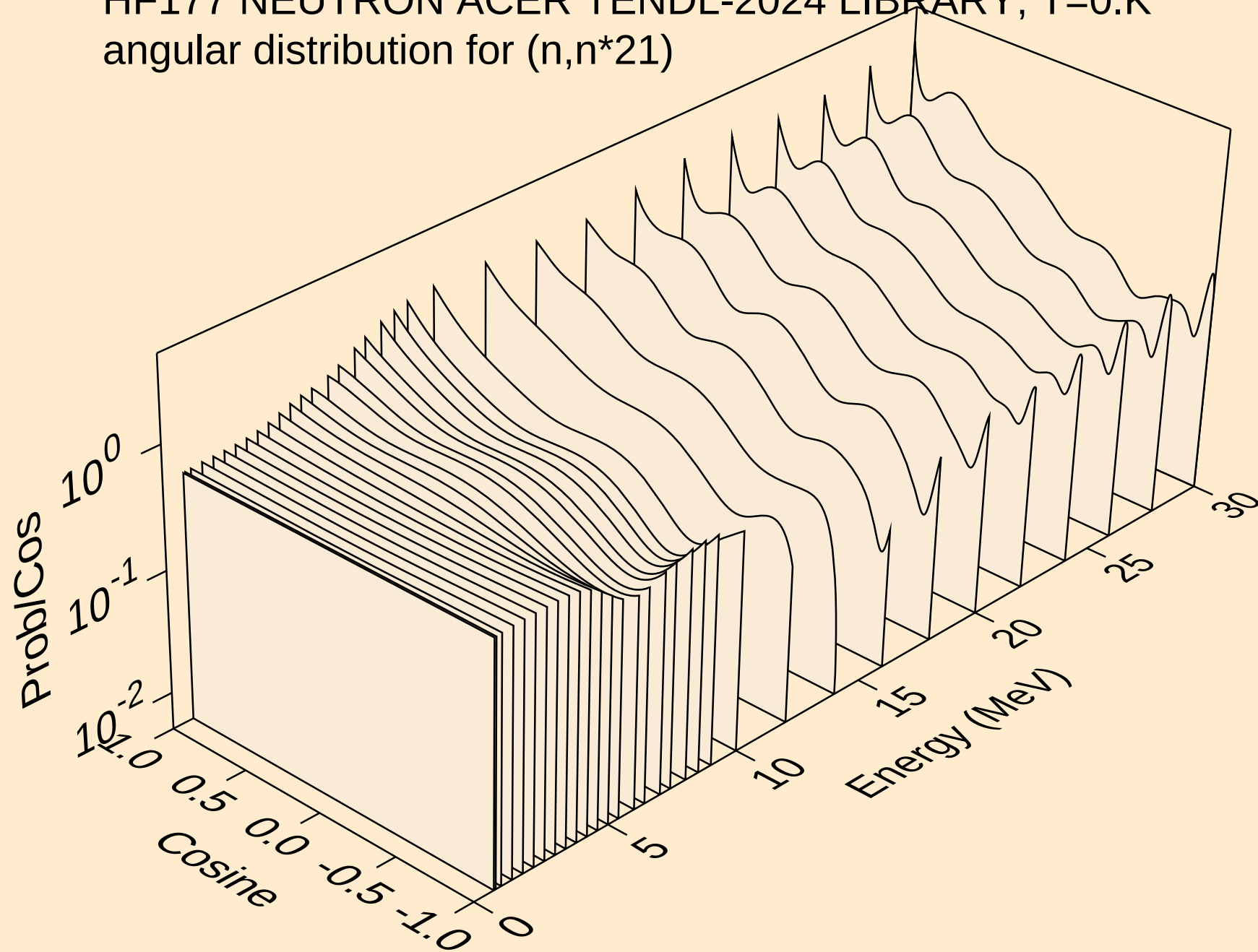
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



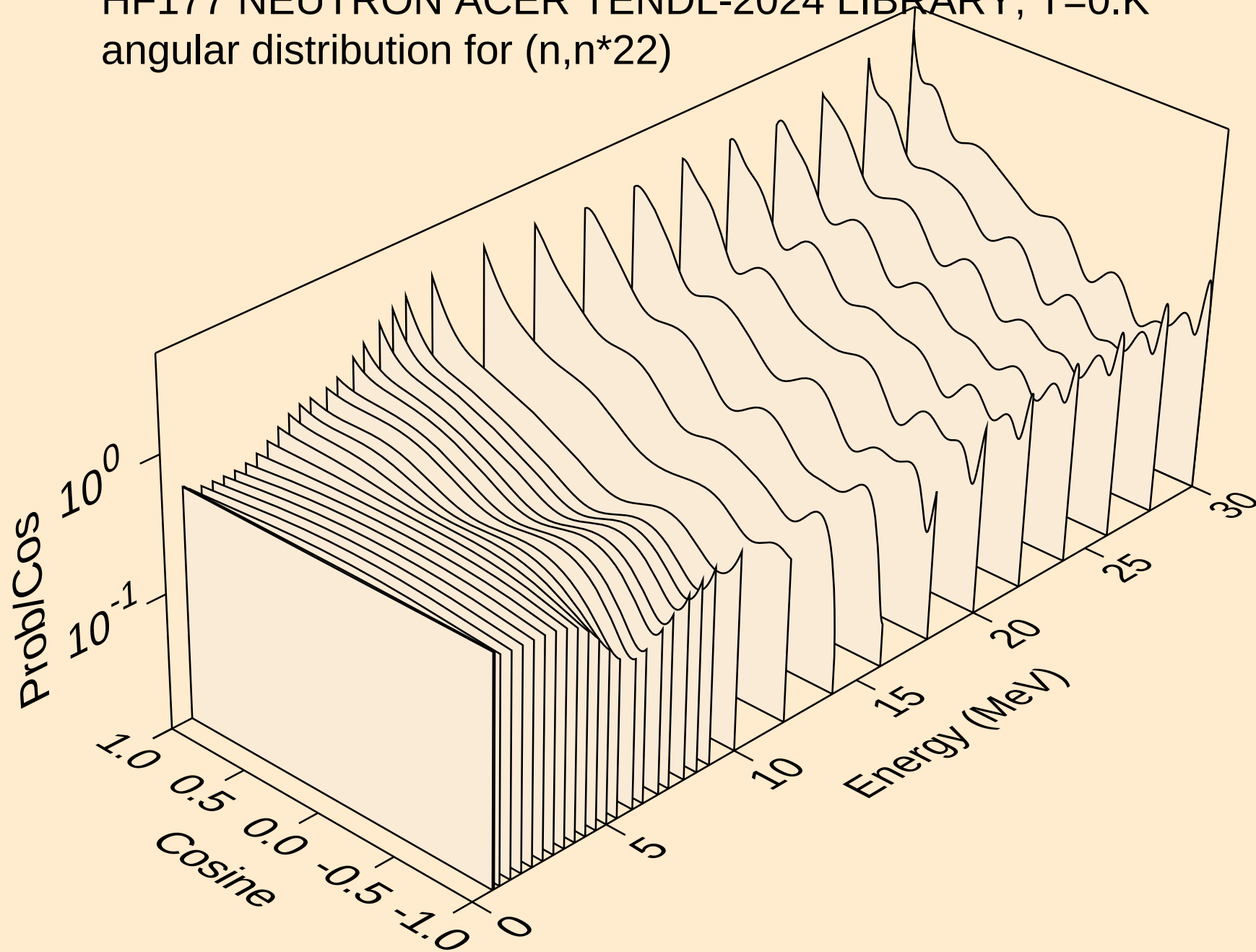
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



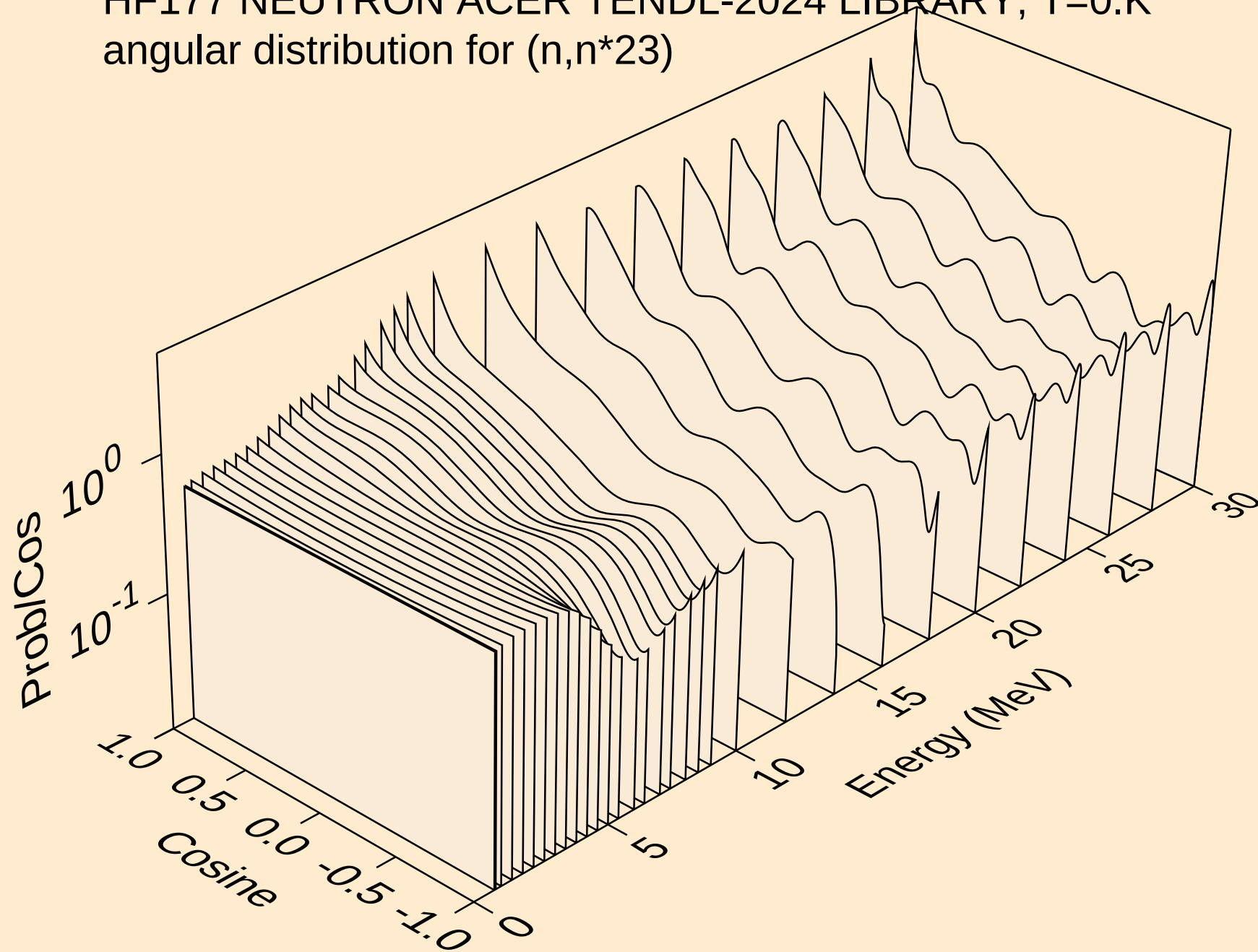
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



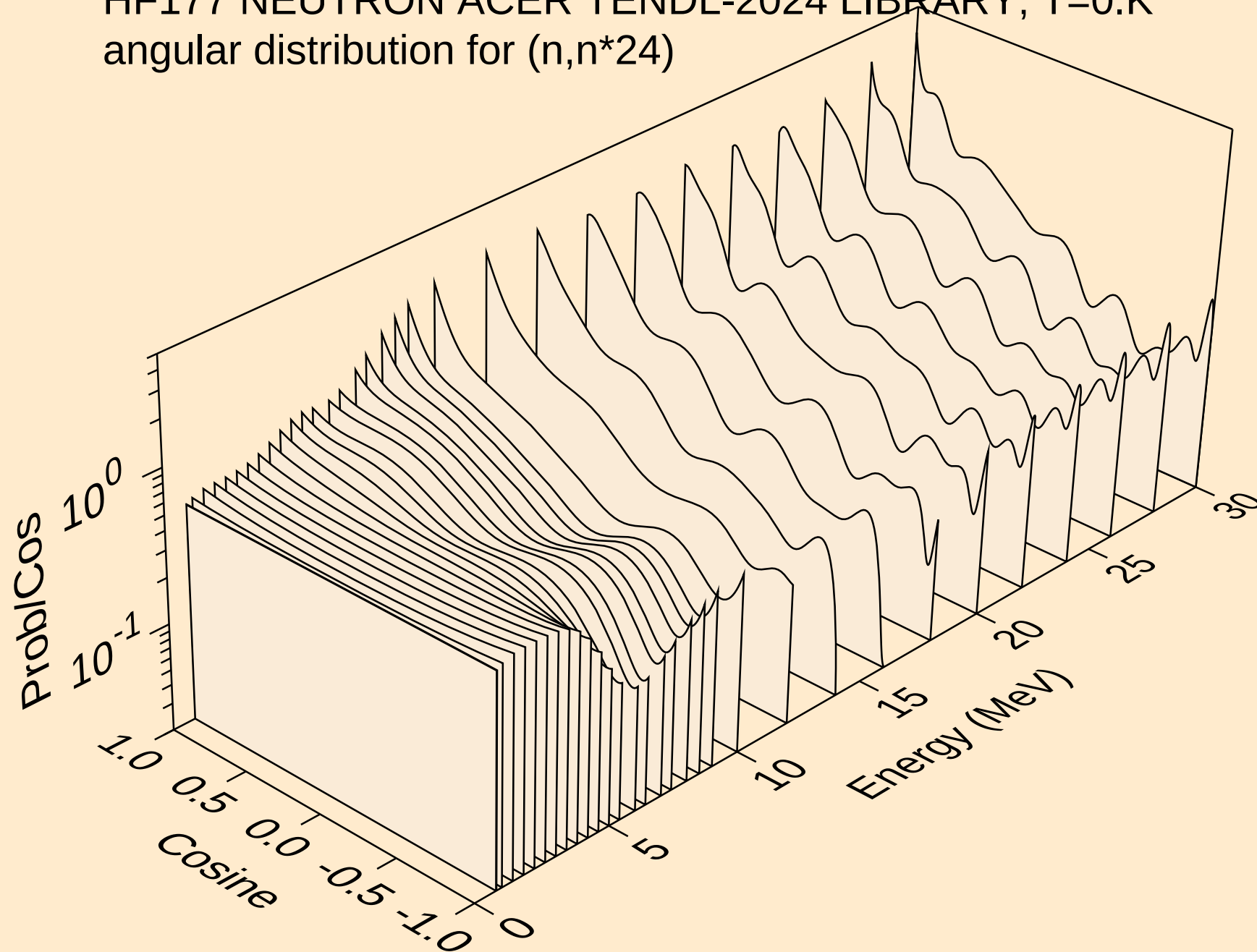
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)



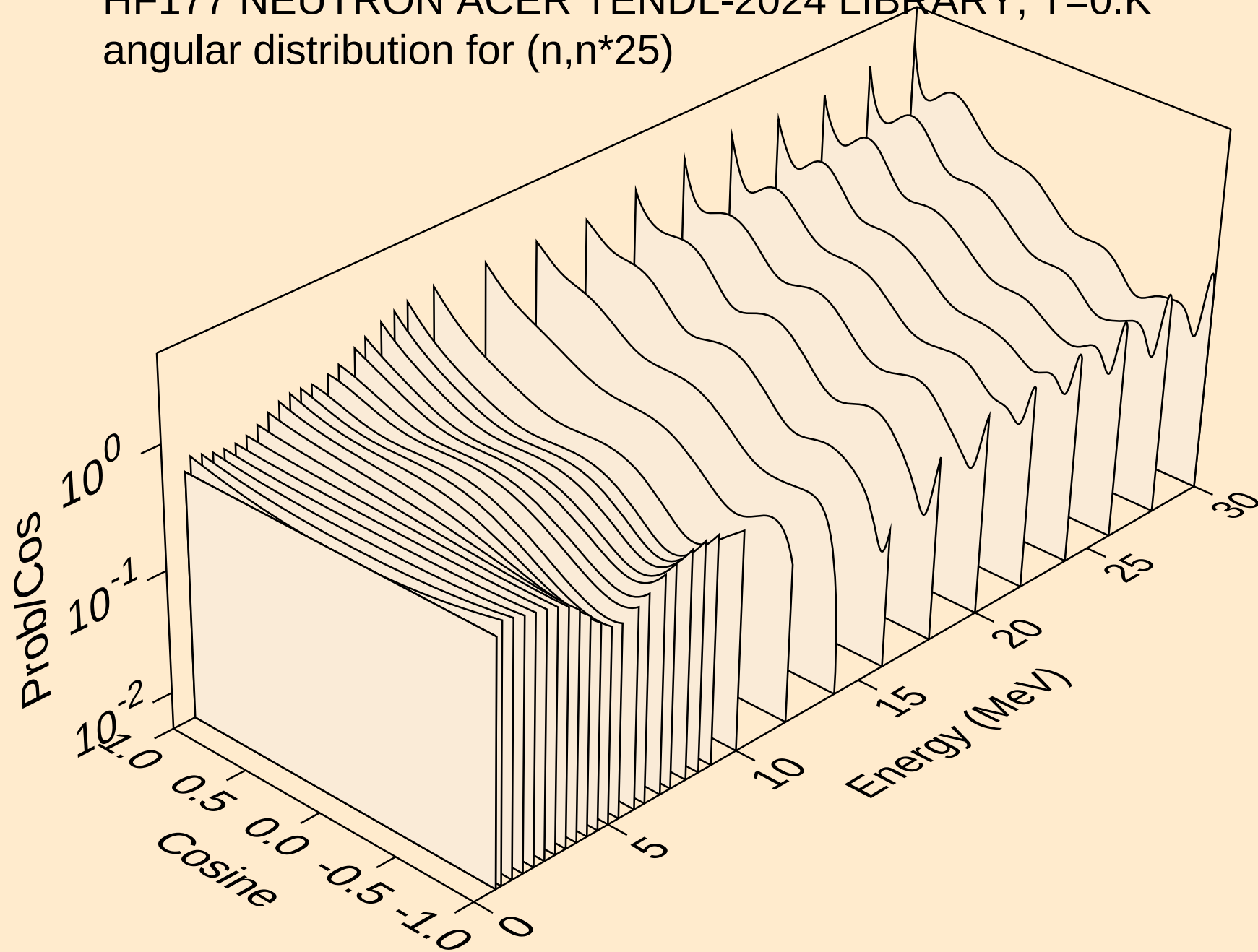
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)



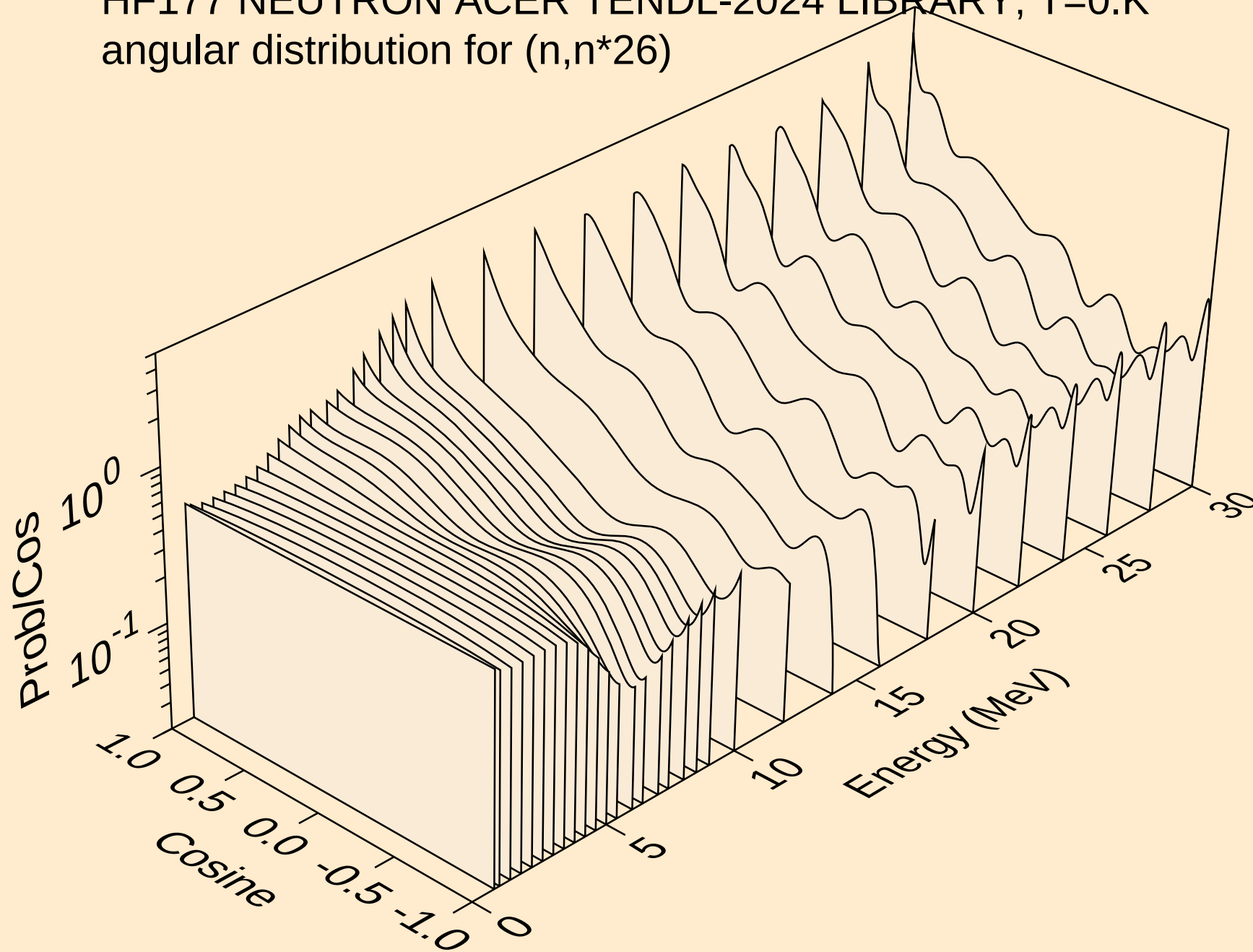
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



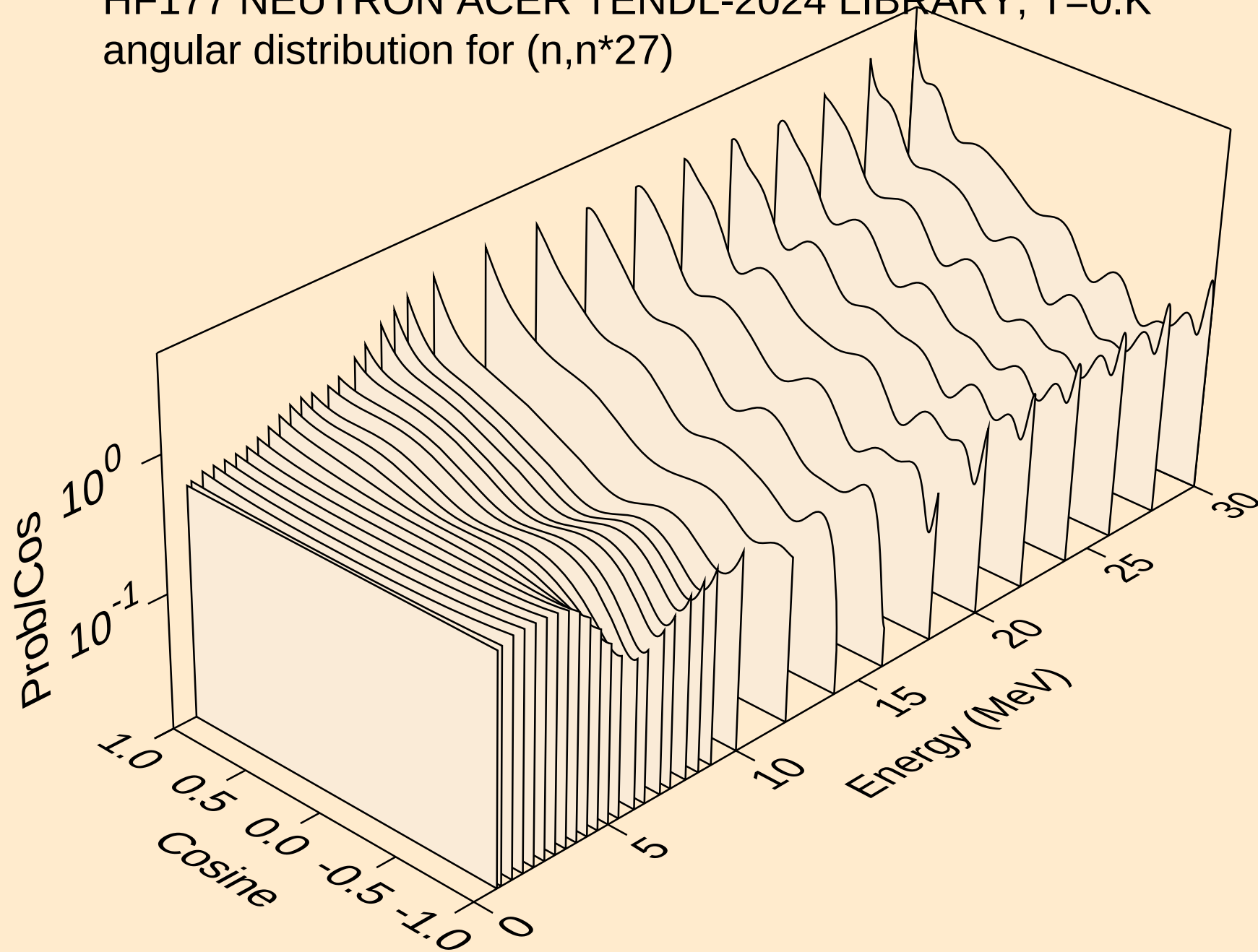
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



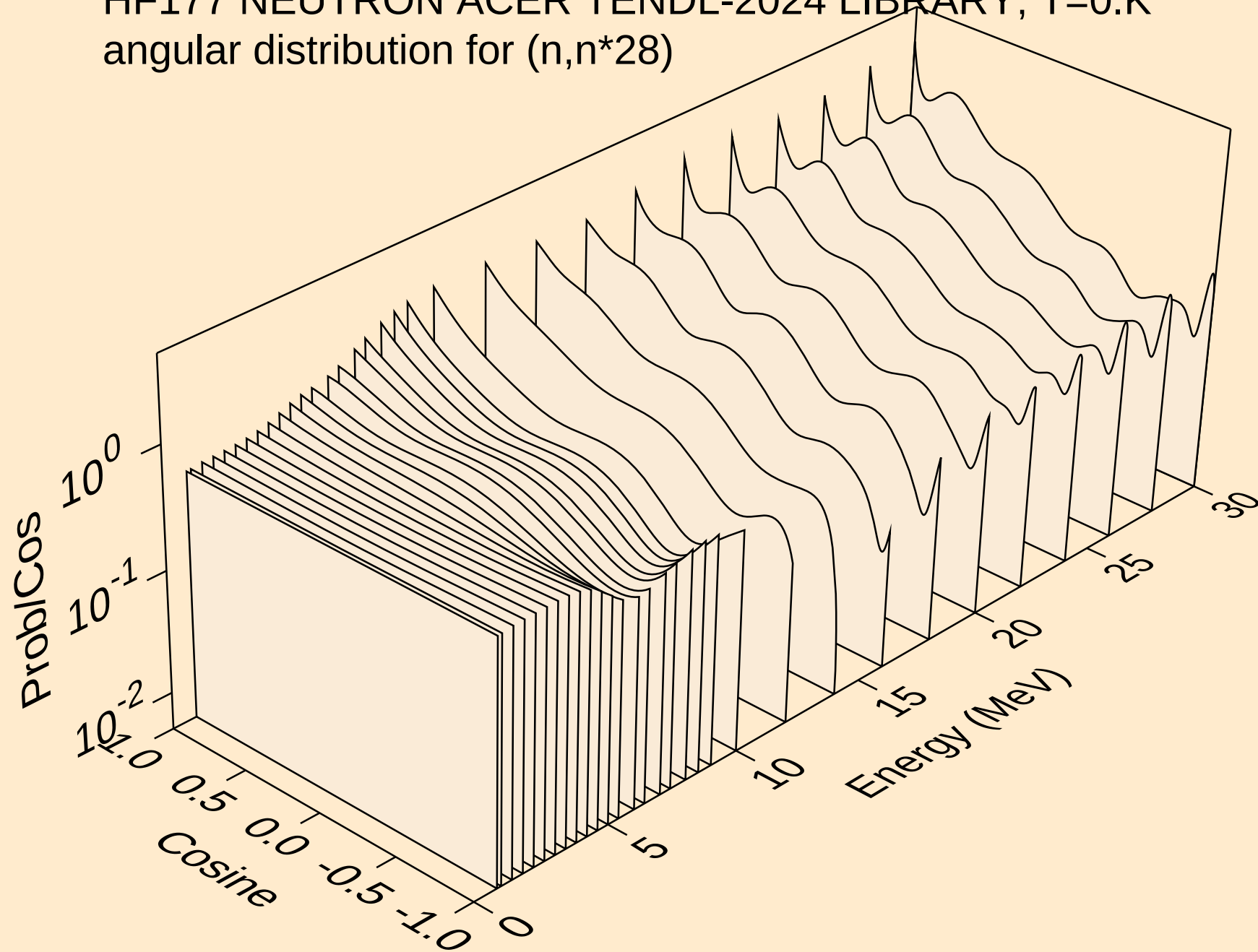
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



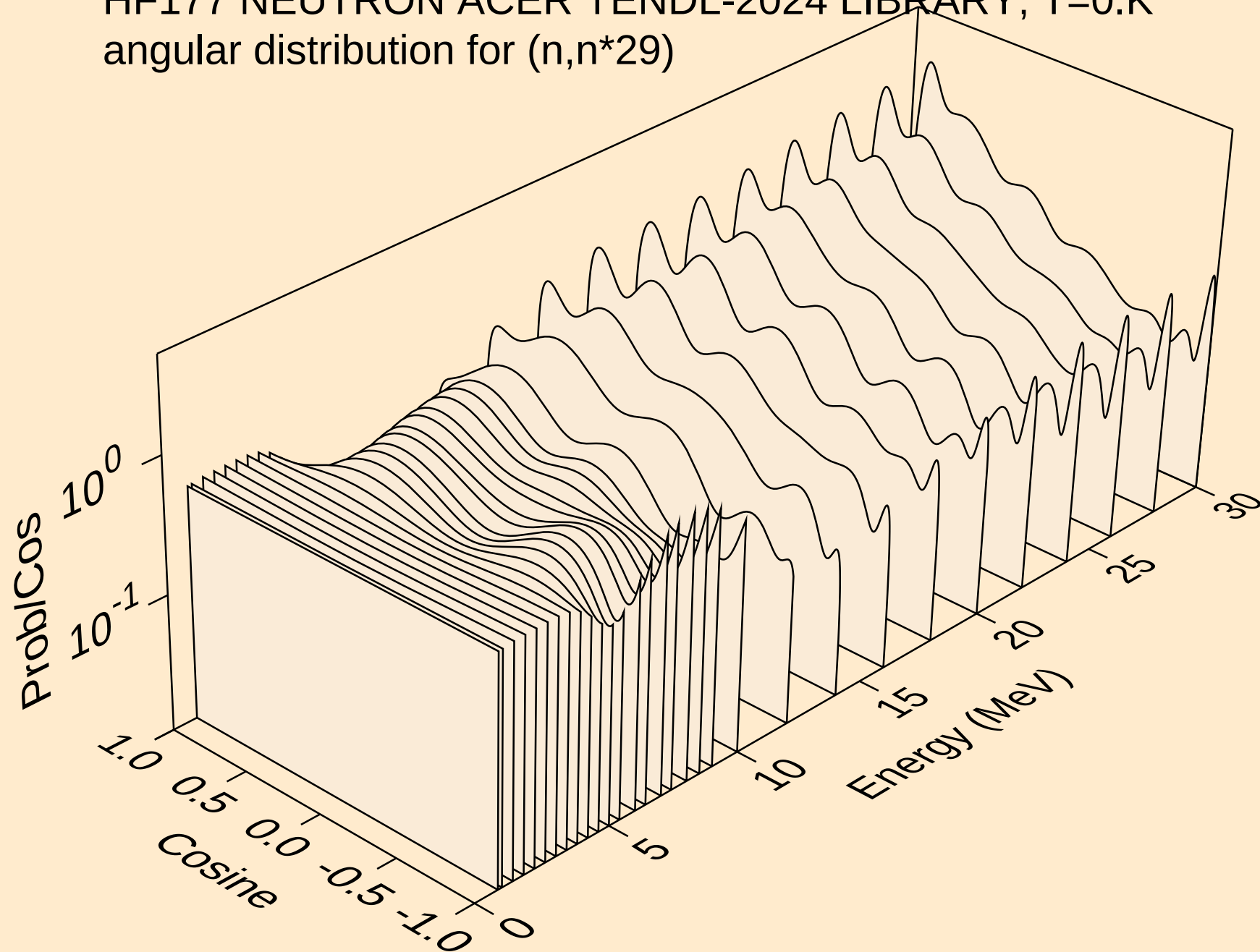
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



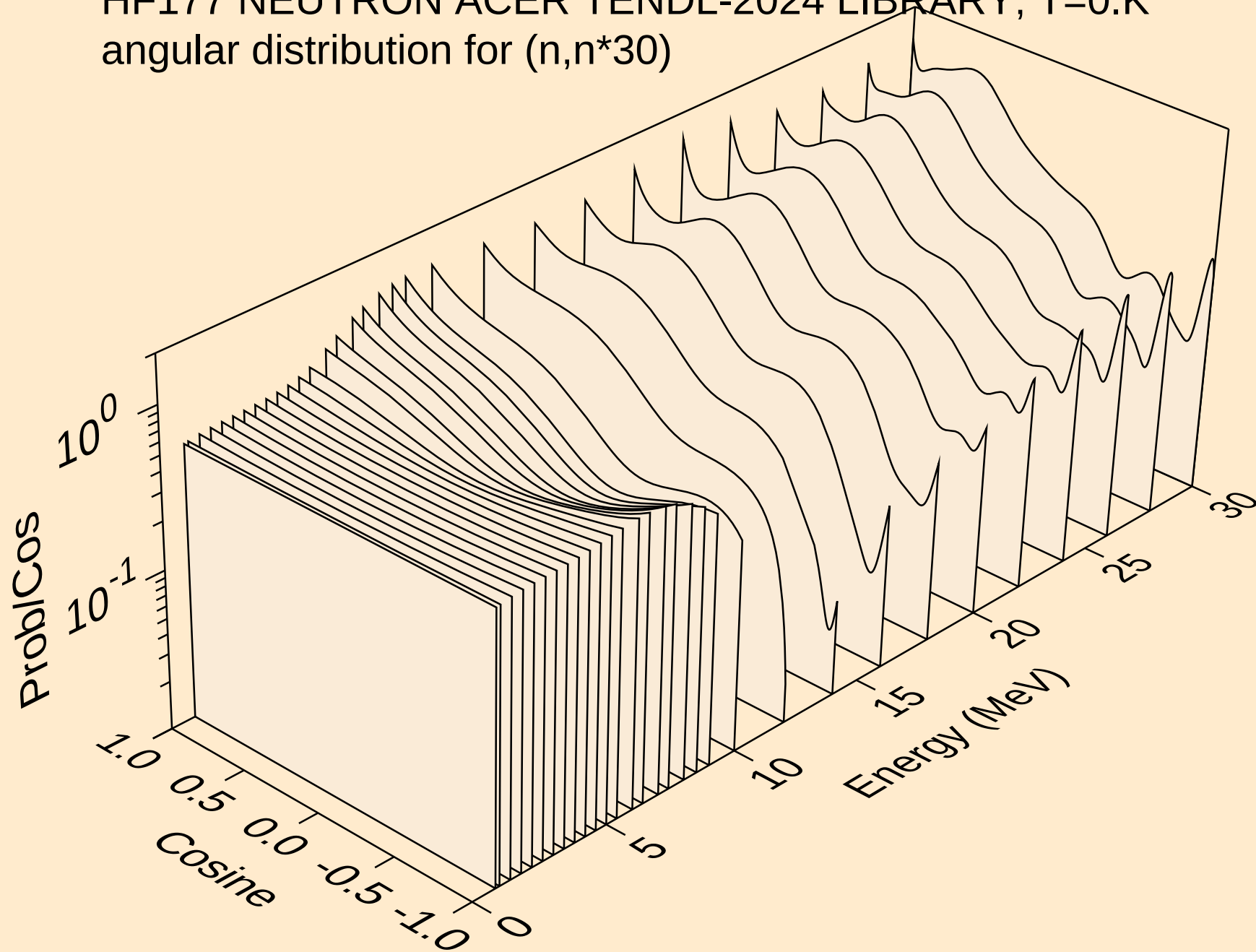
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*29)

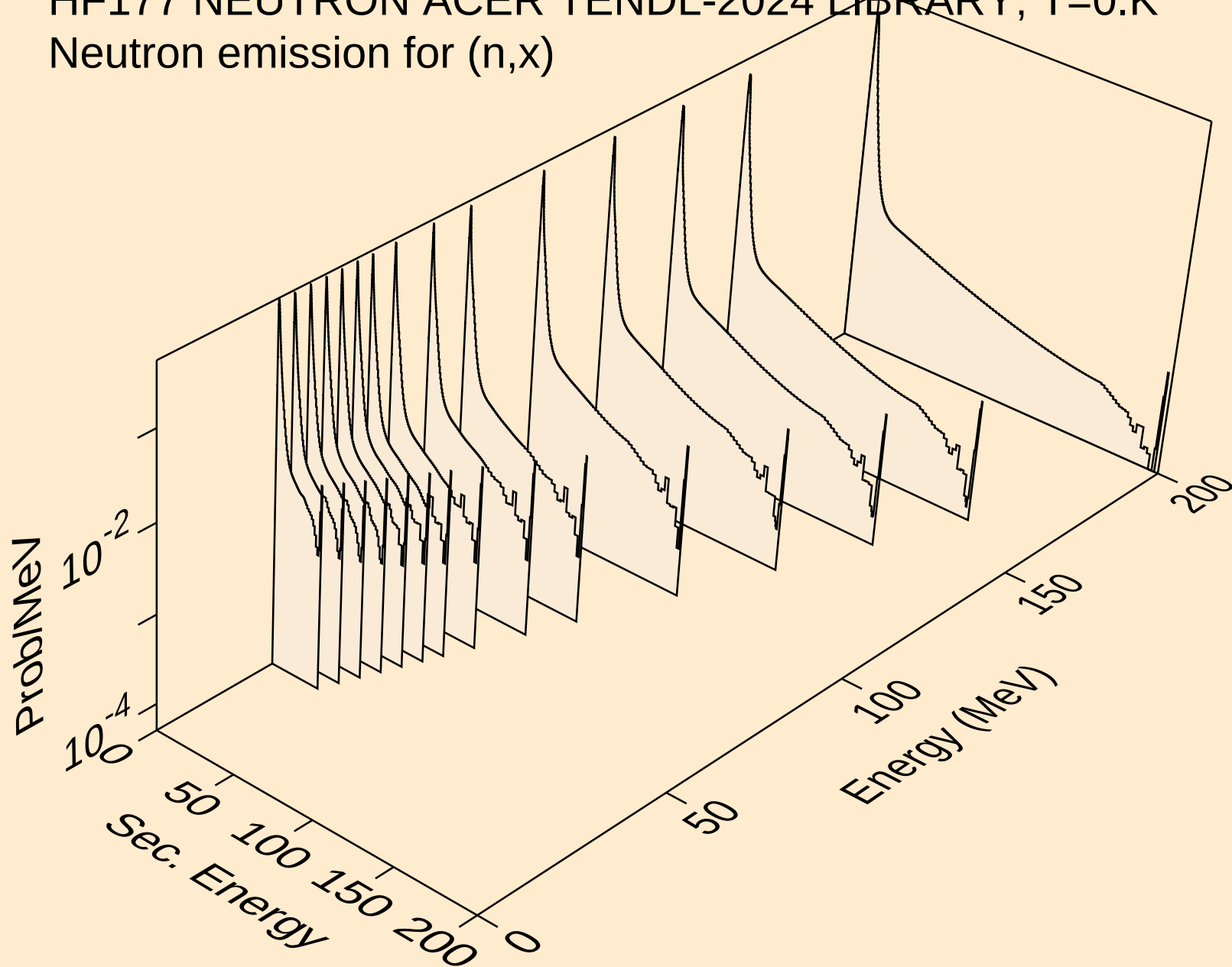


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*30)

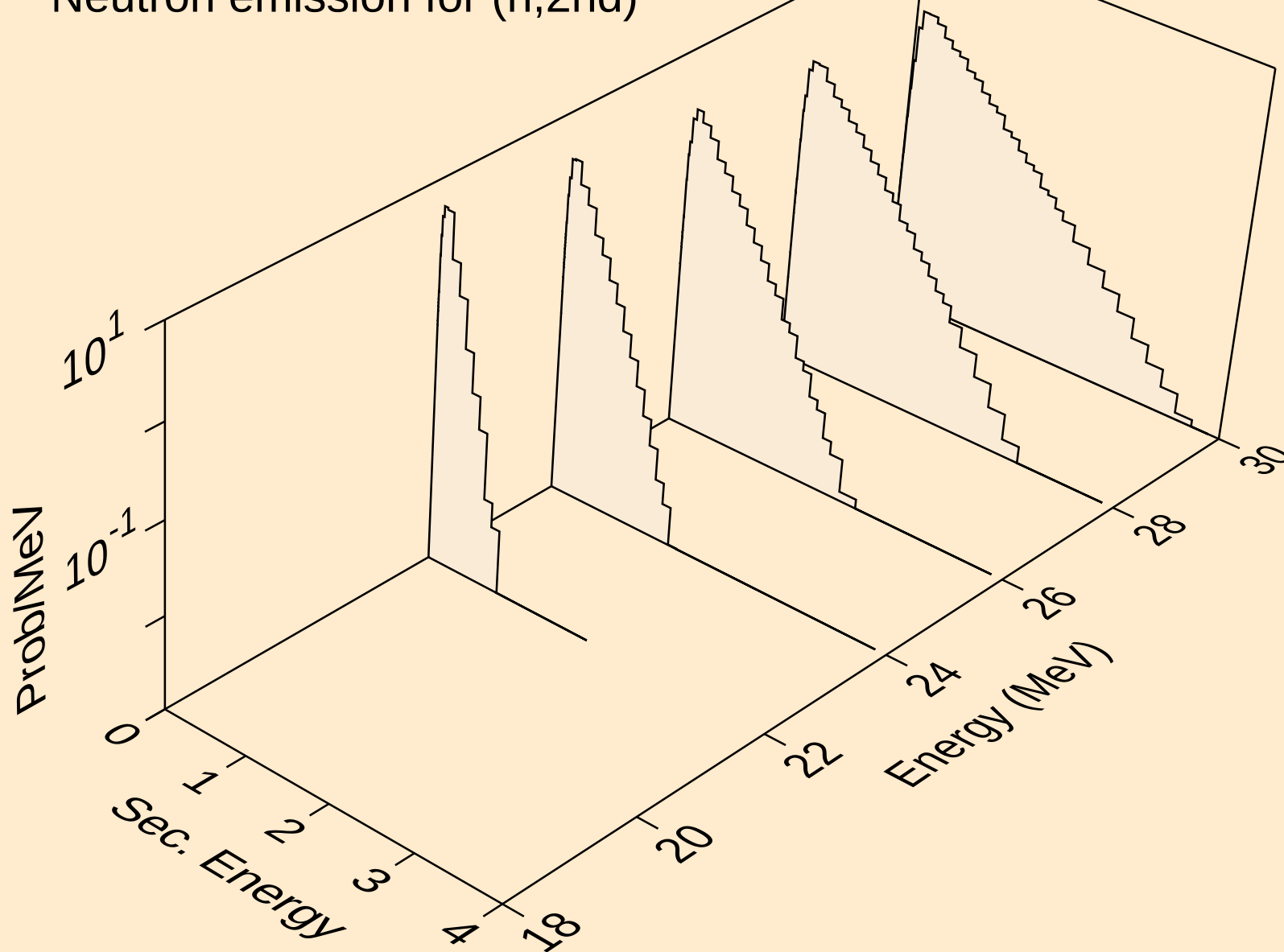


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

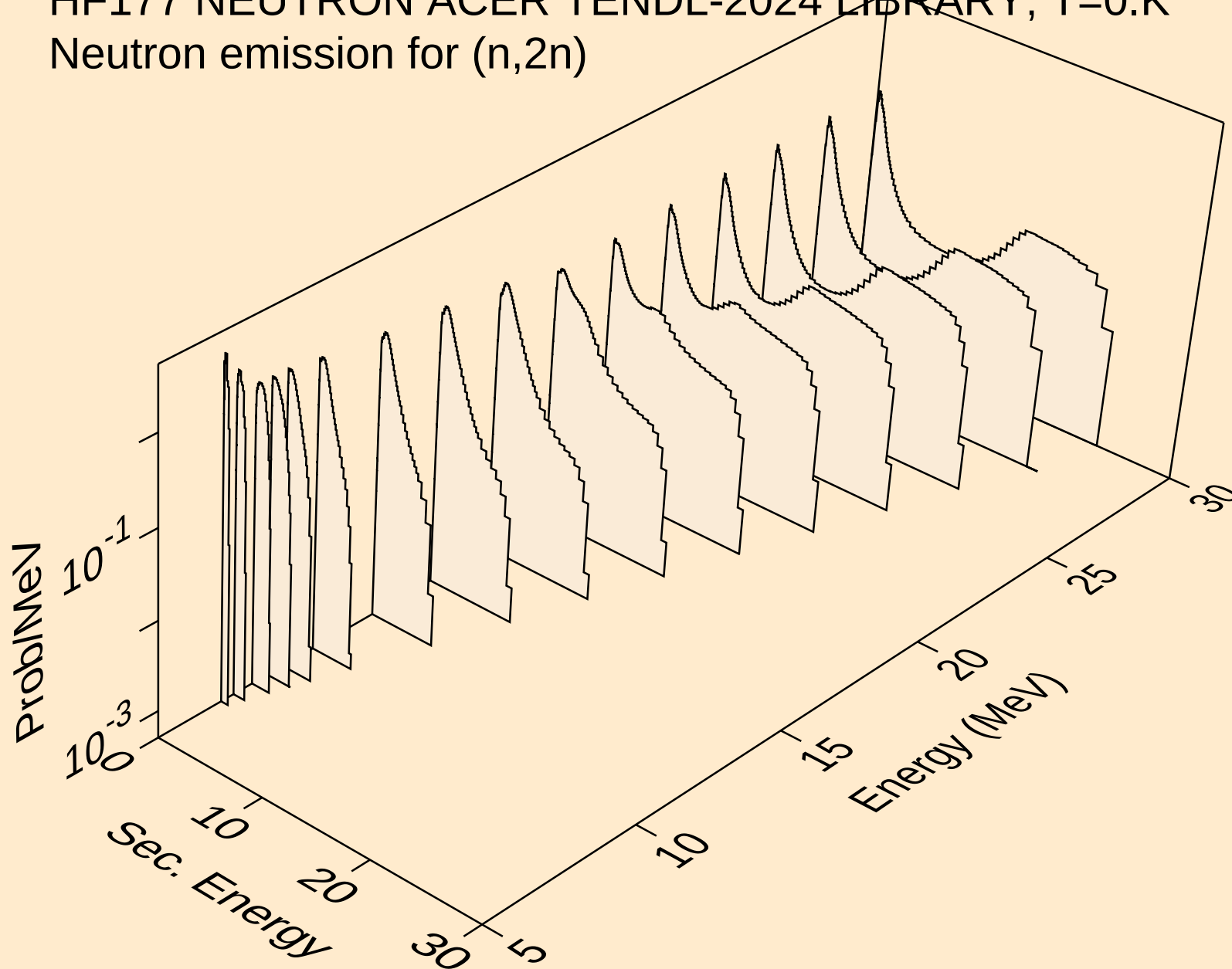
Neutron emission for (n,x)



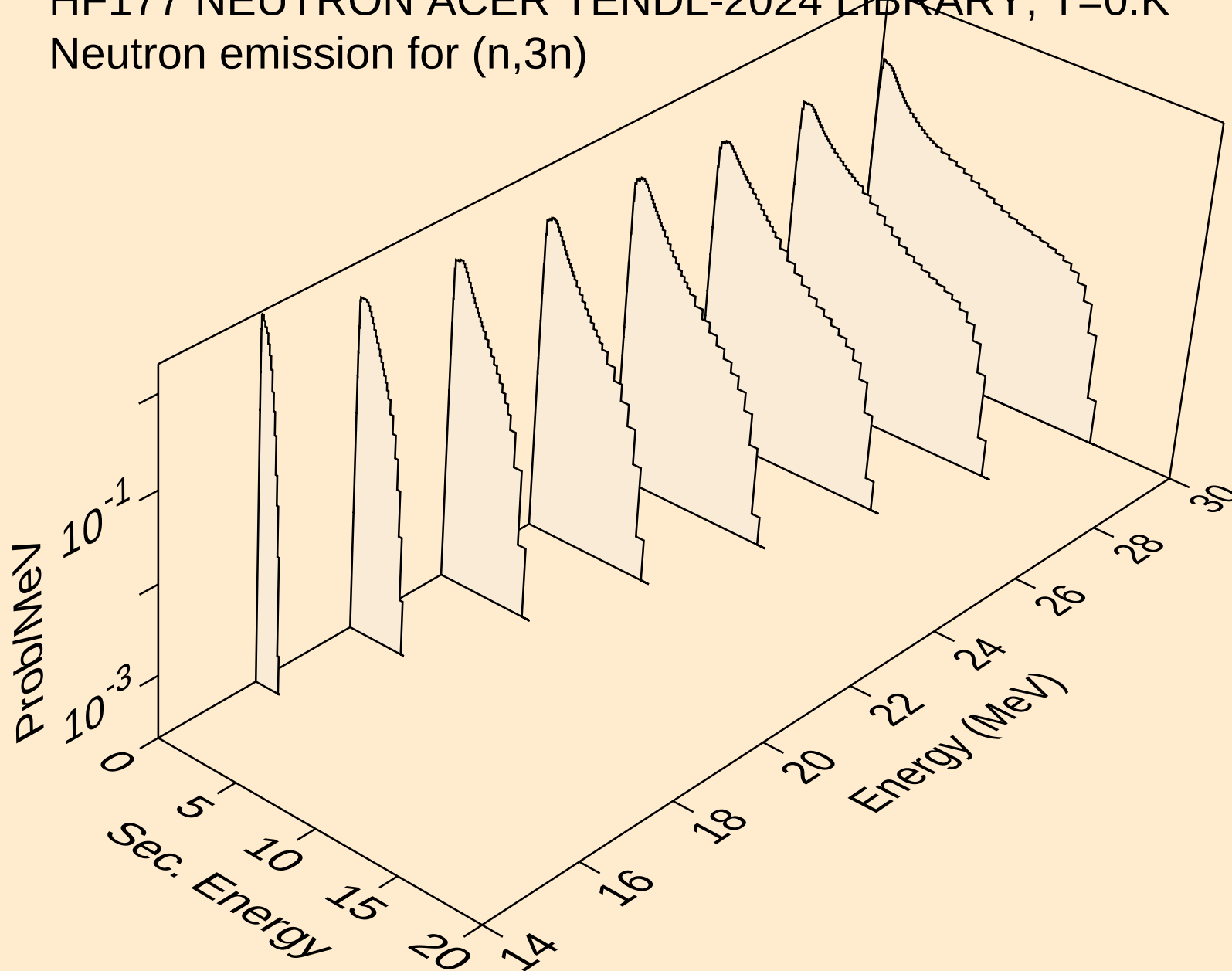
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)

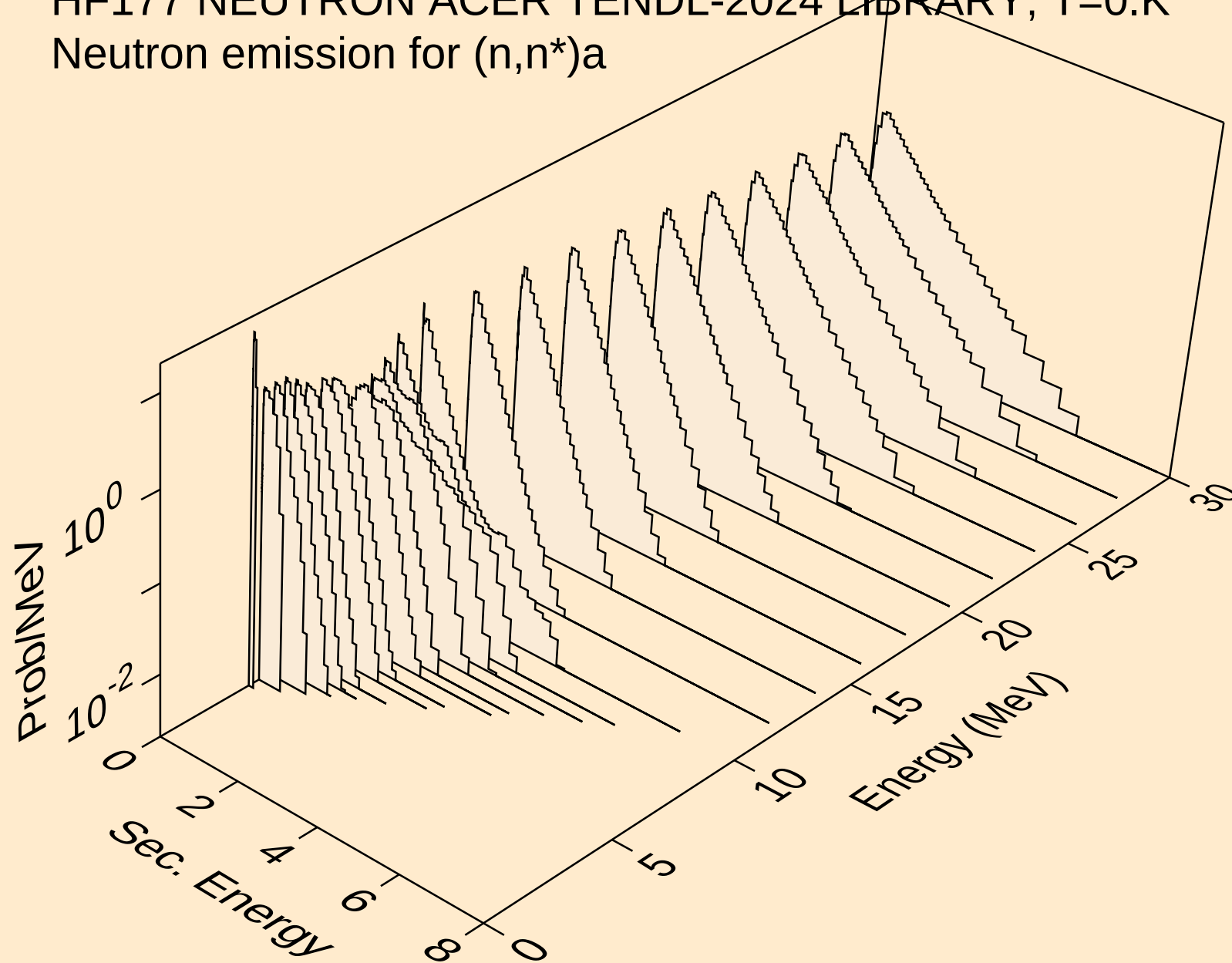


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)

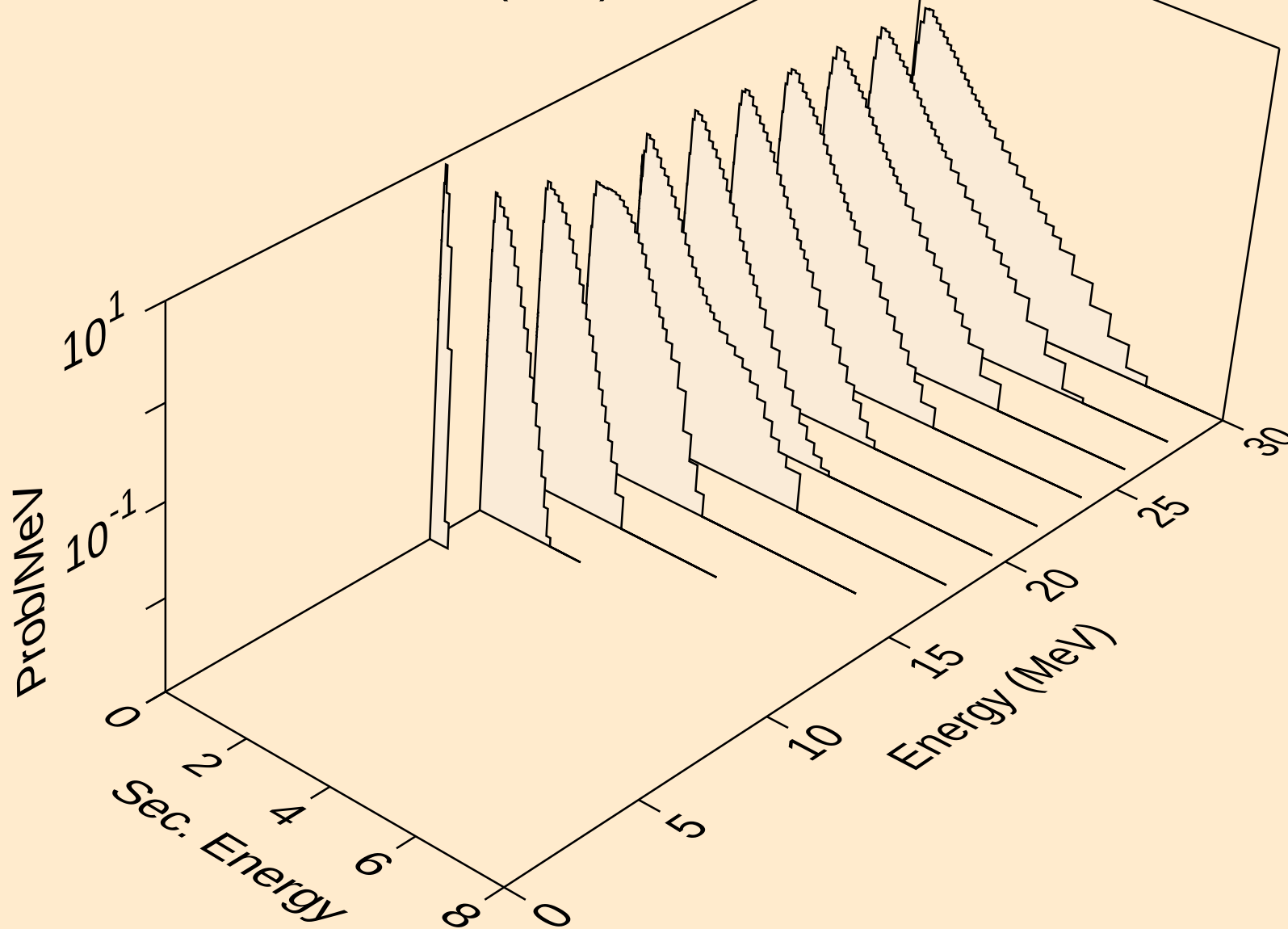


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

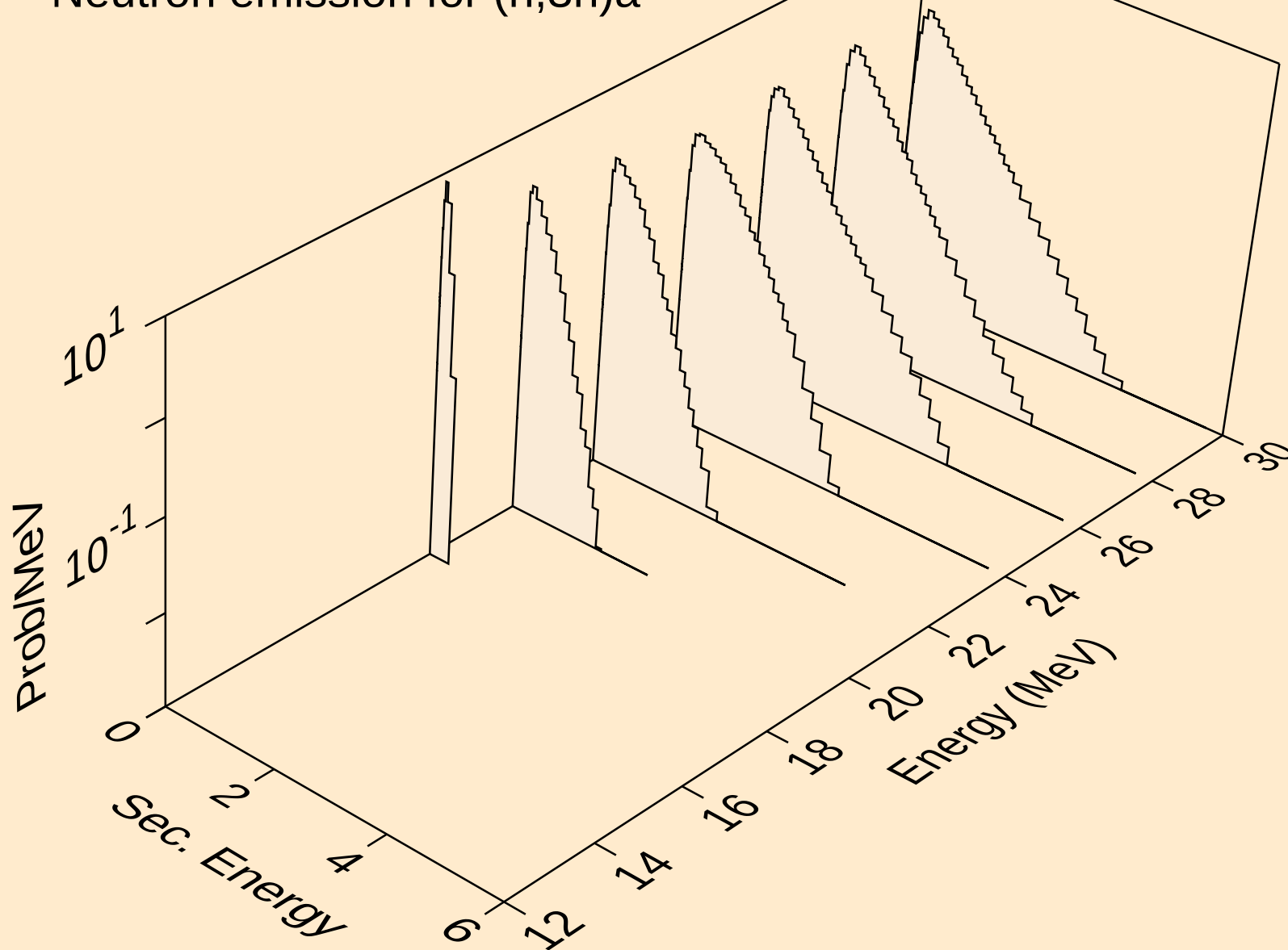
Neutron emission for (n,n*)a



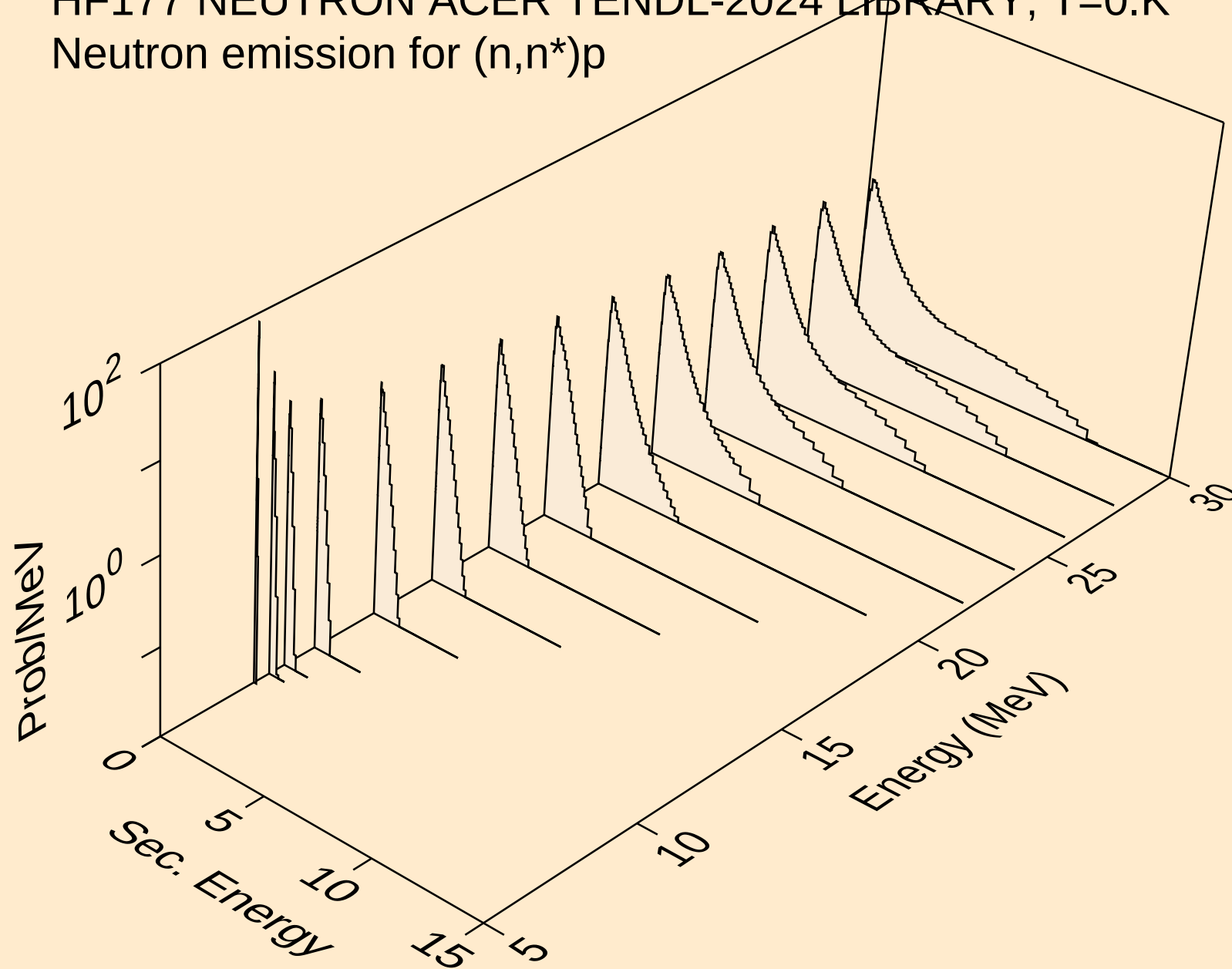
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



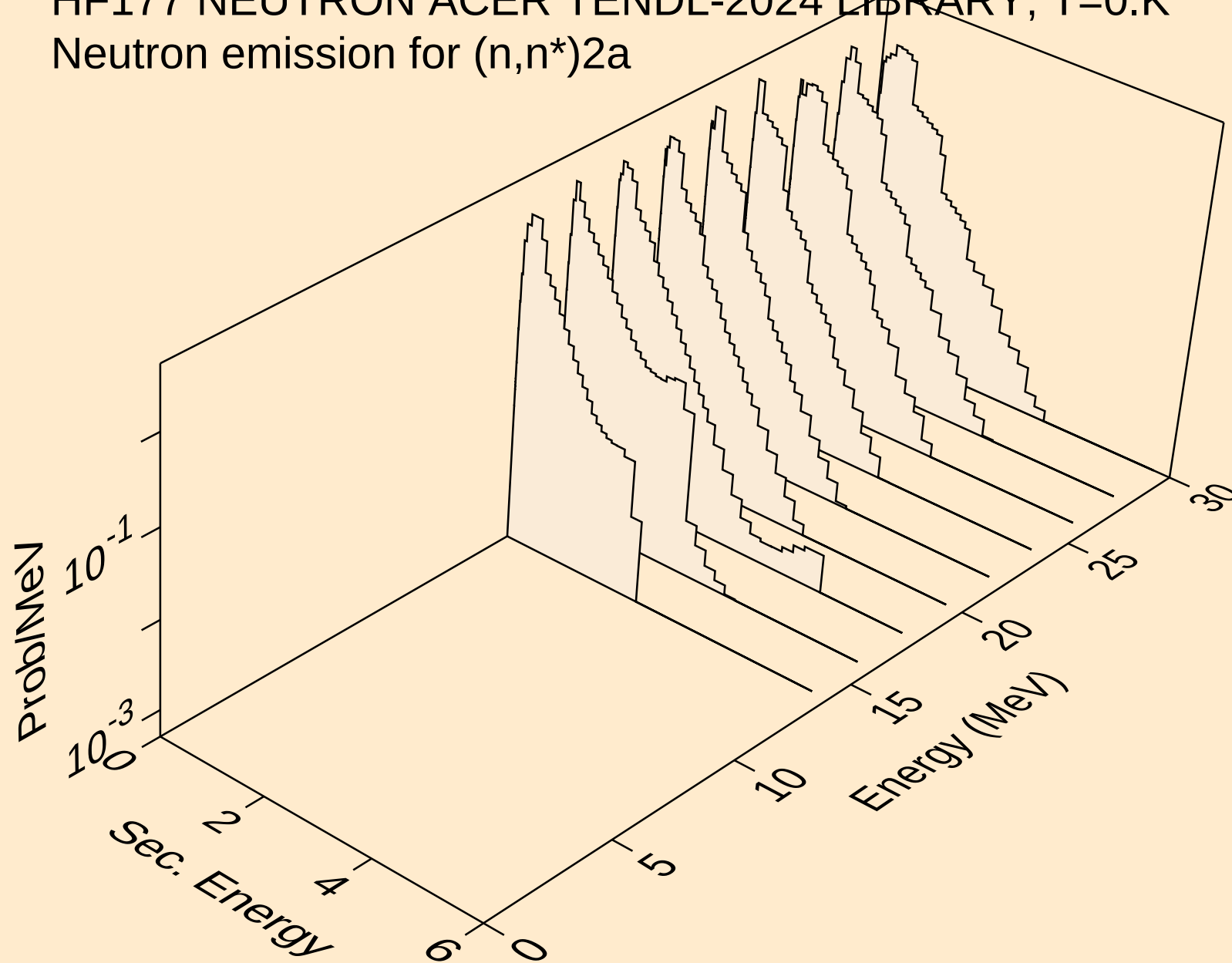
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p

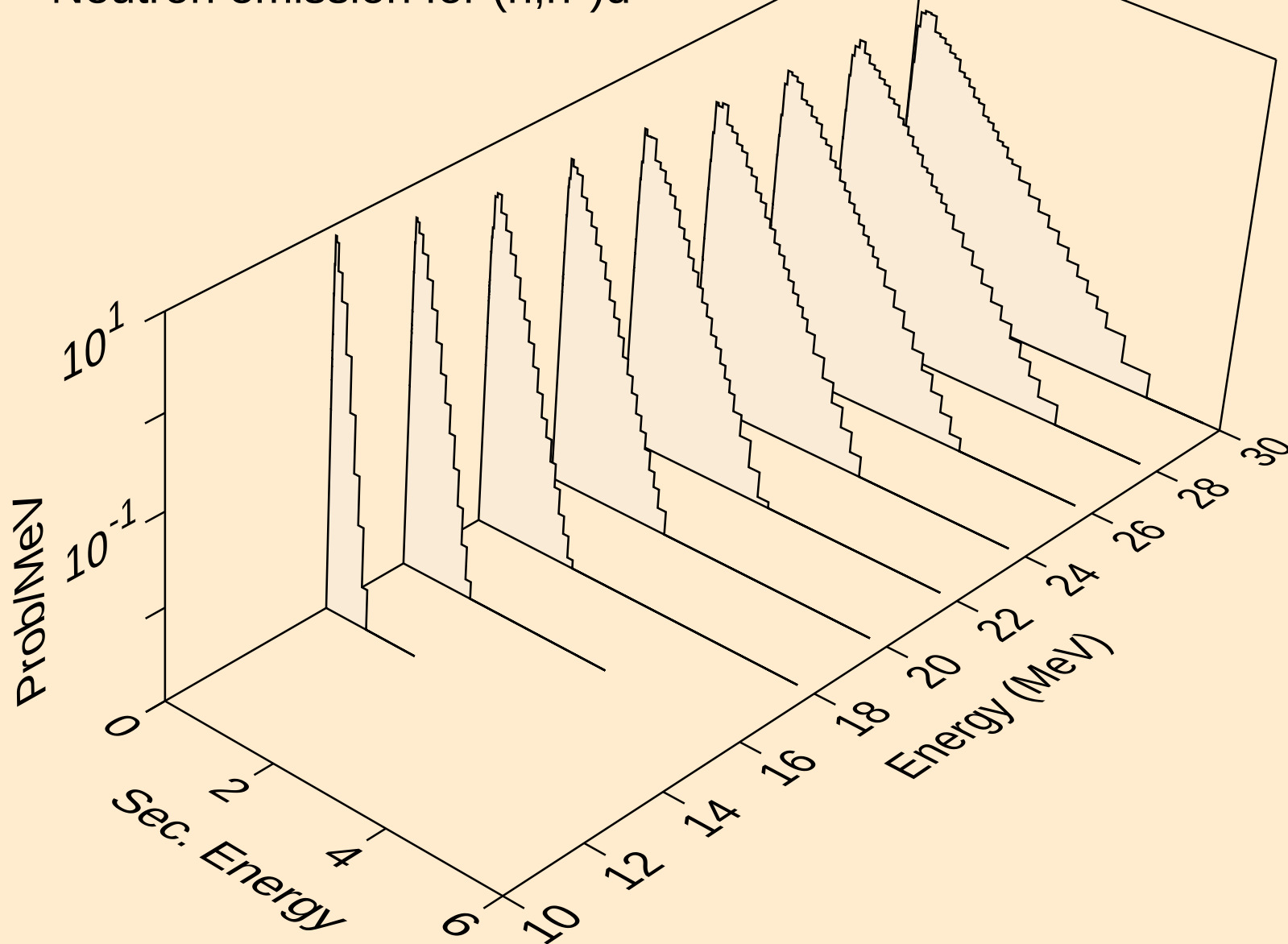


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



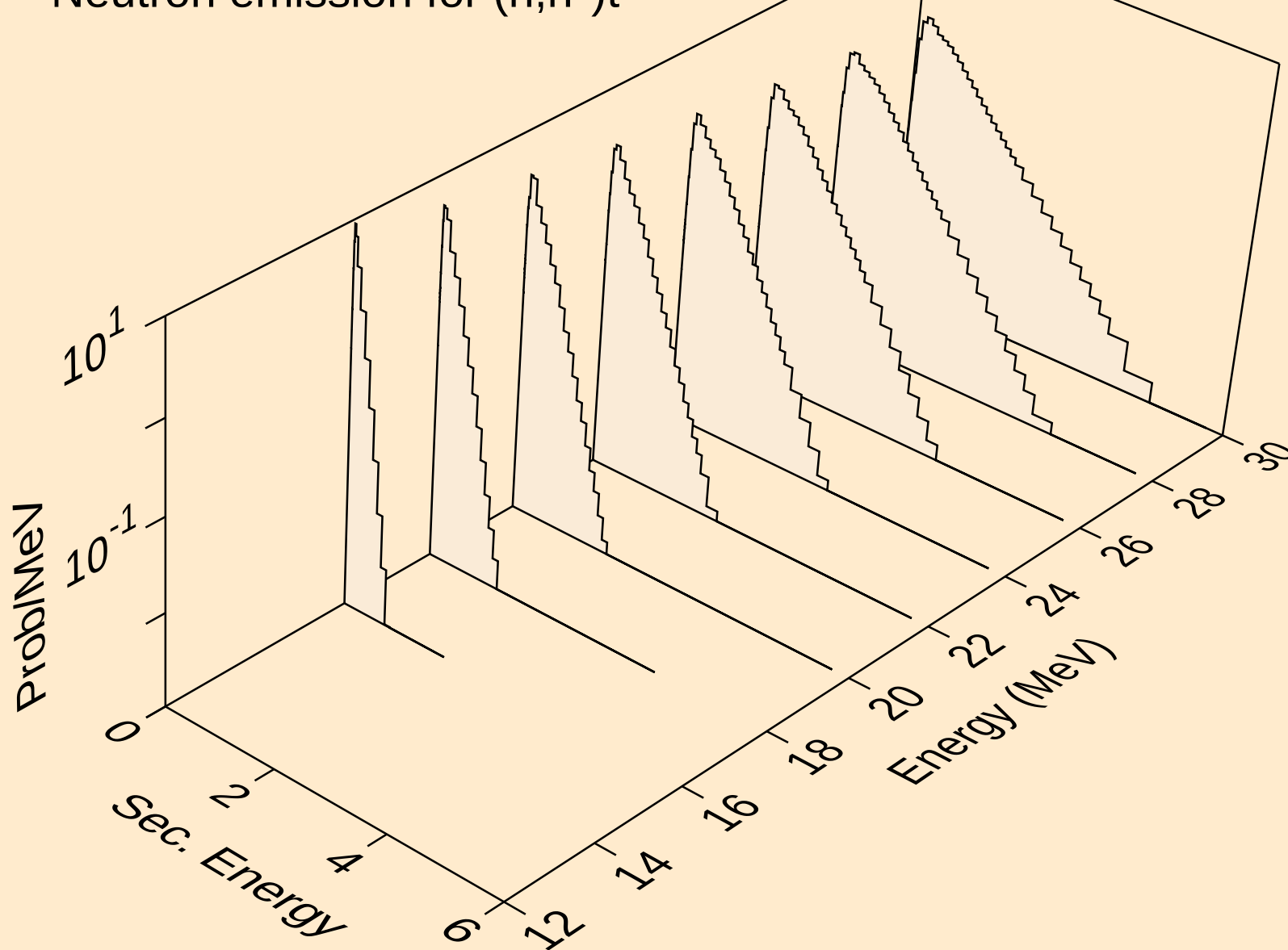
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)d

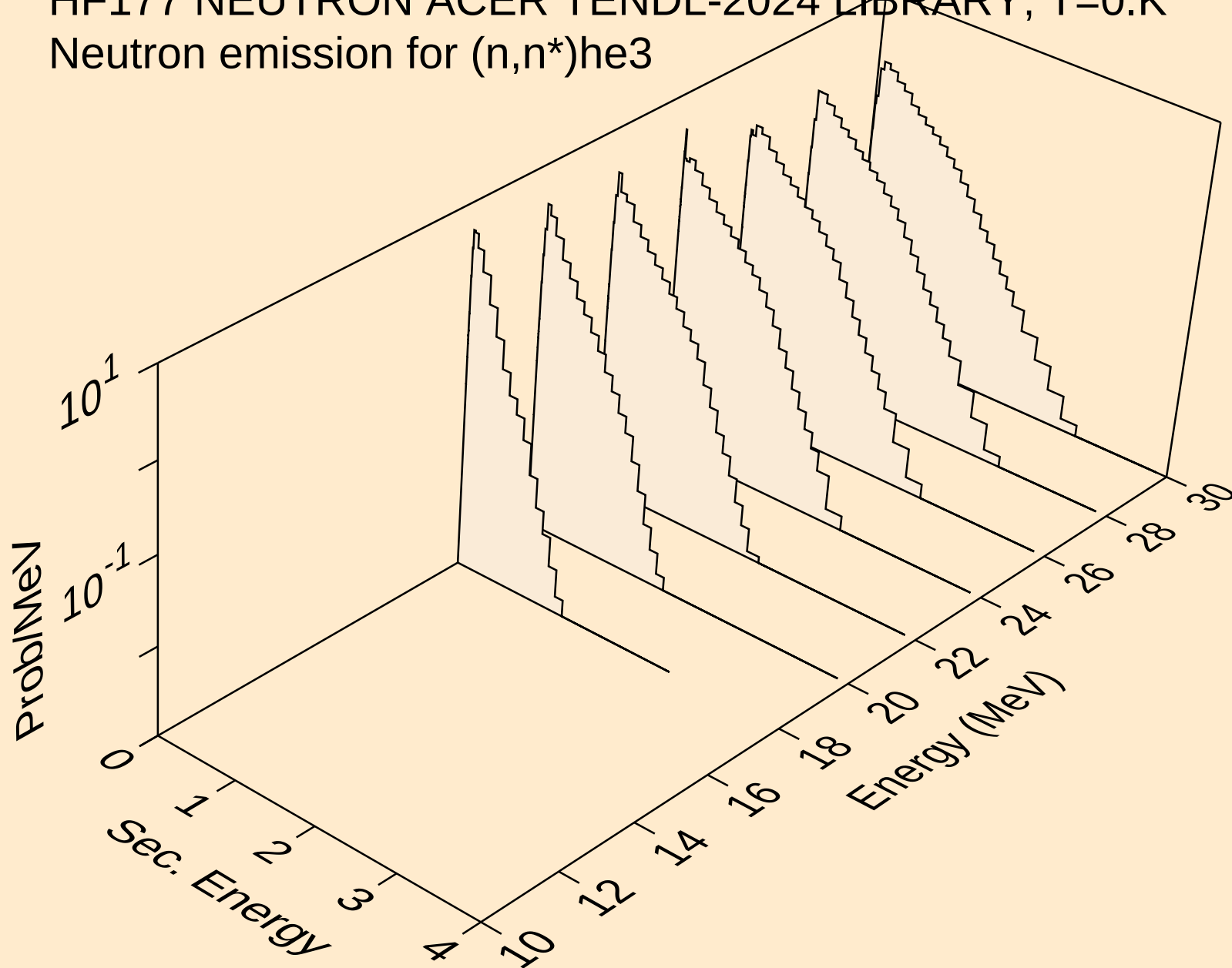


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

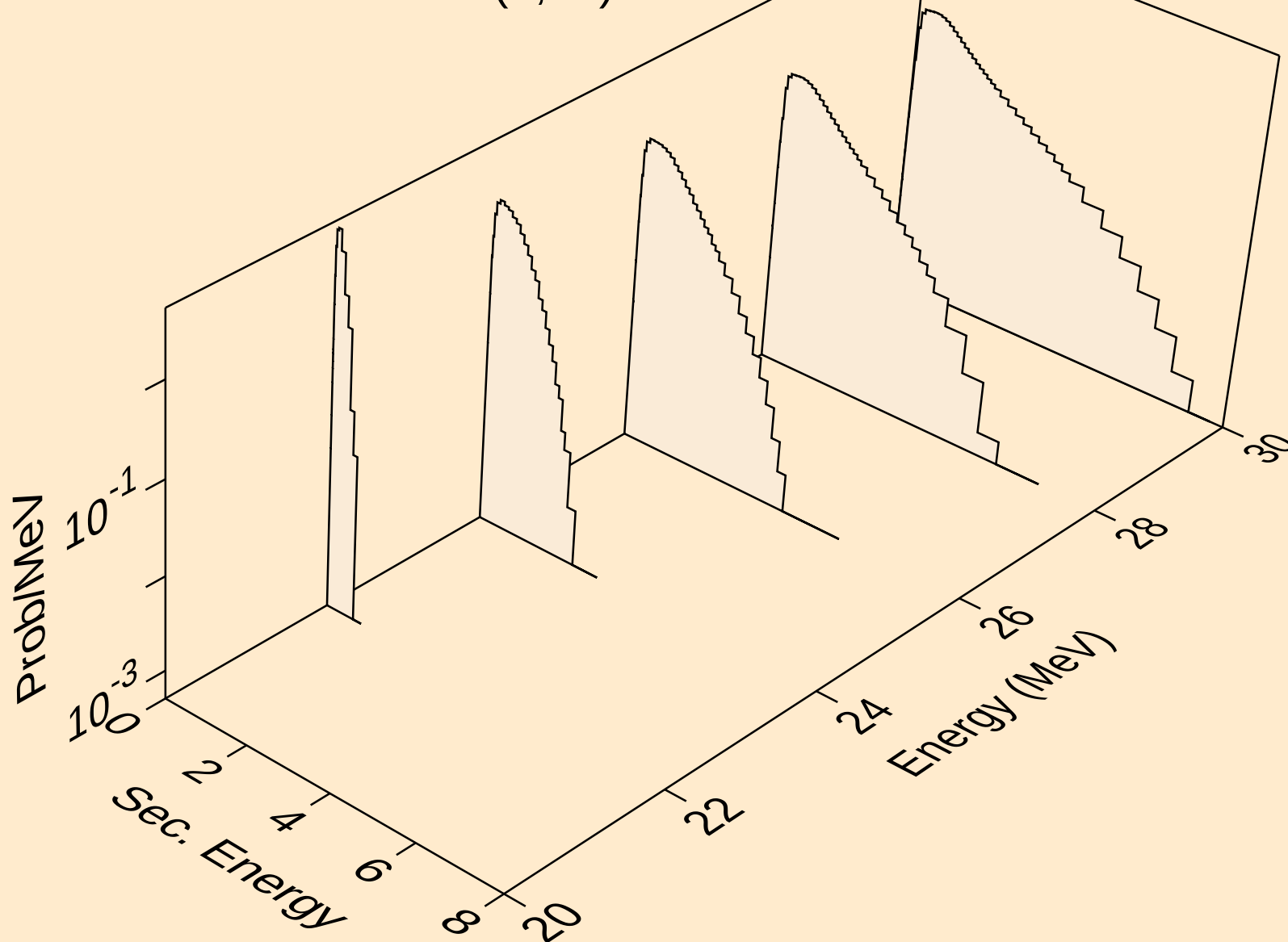
Neutron emission for (n,n*)t



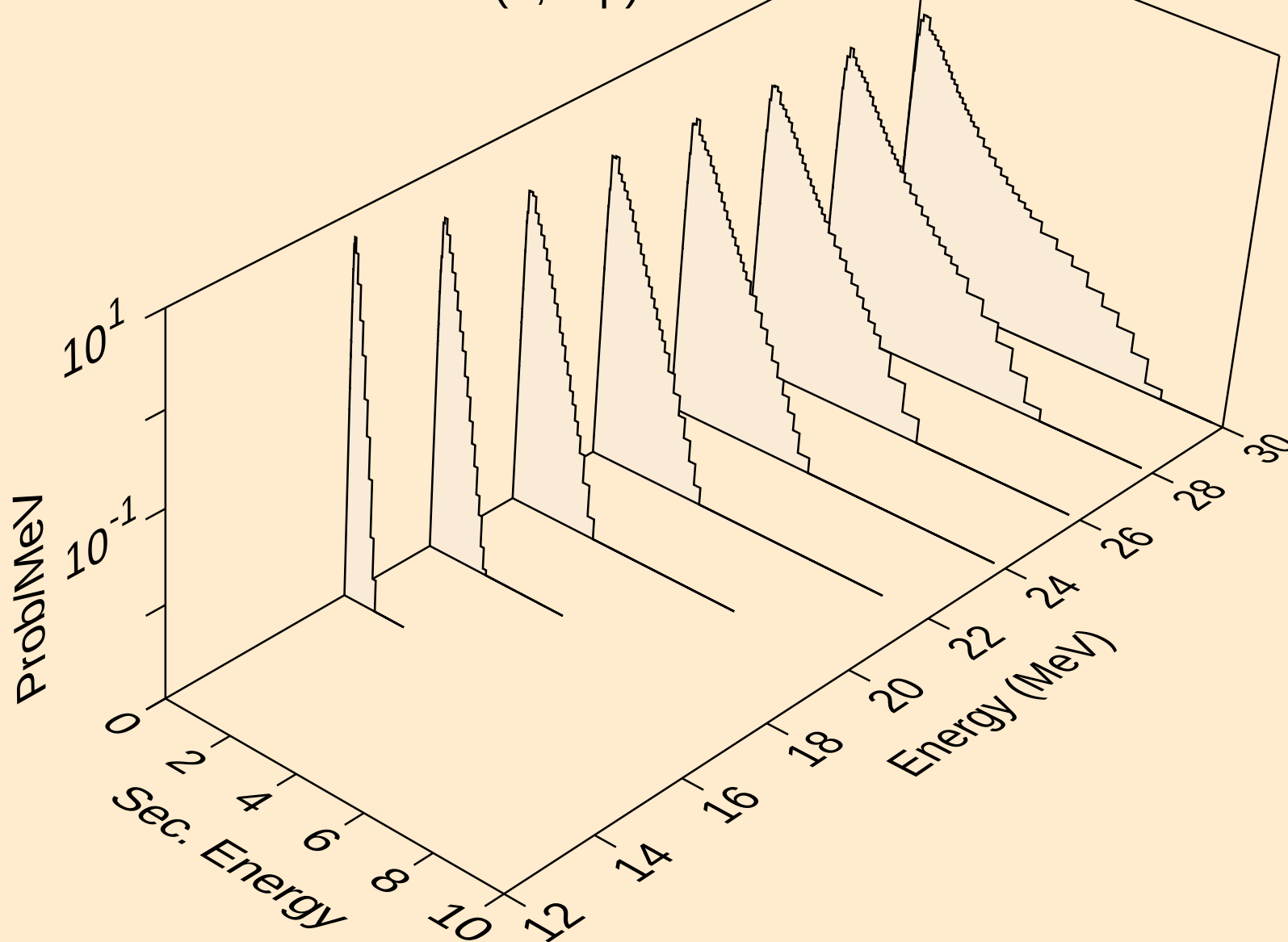
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



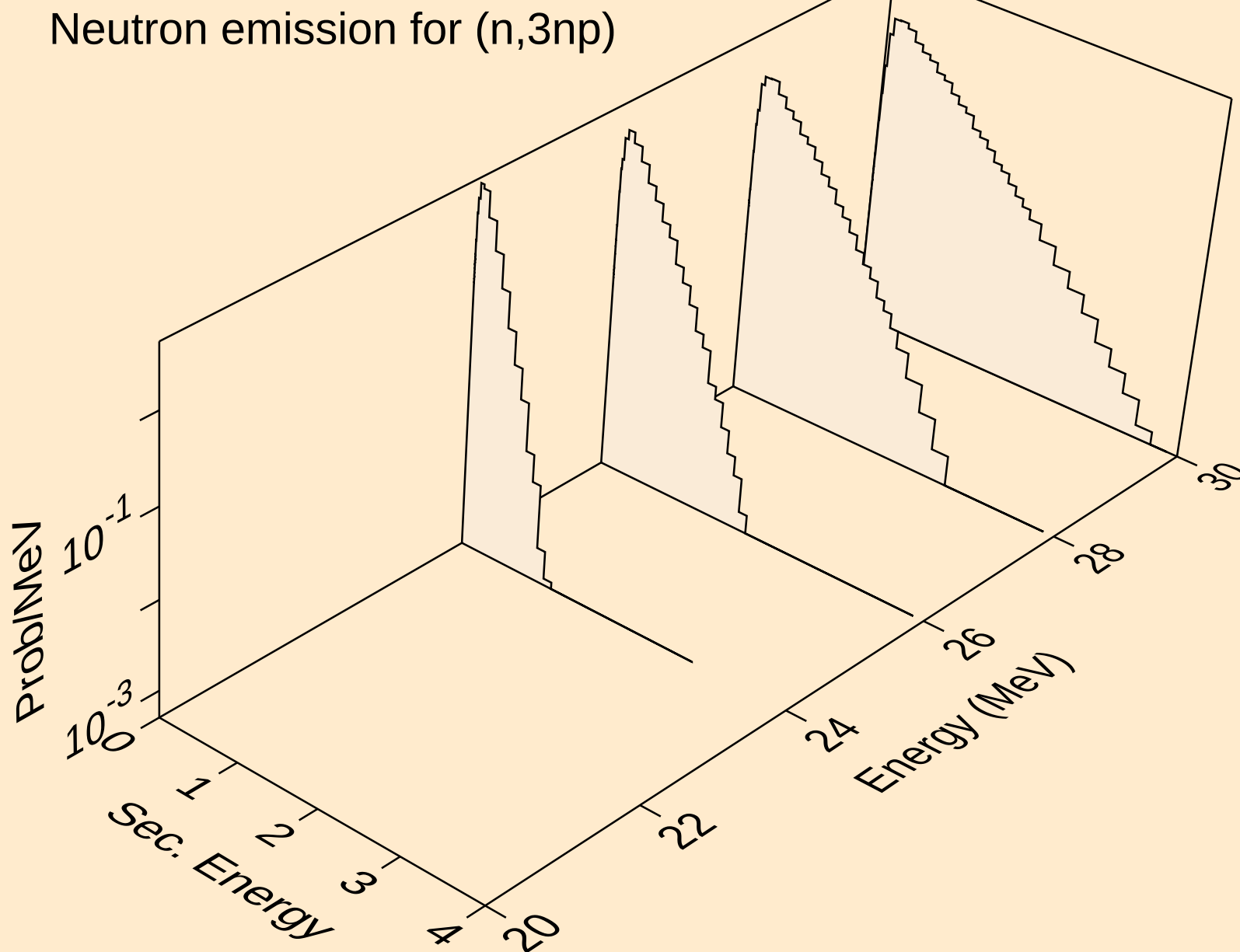
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



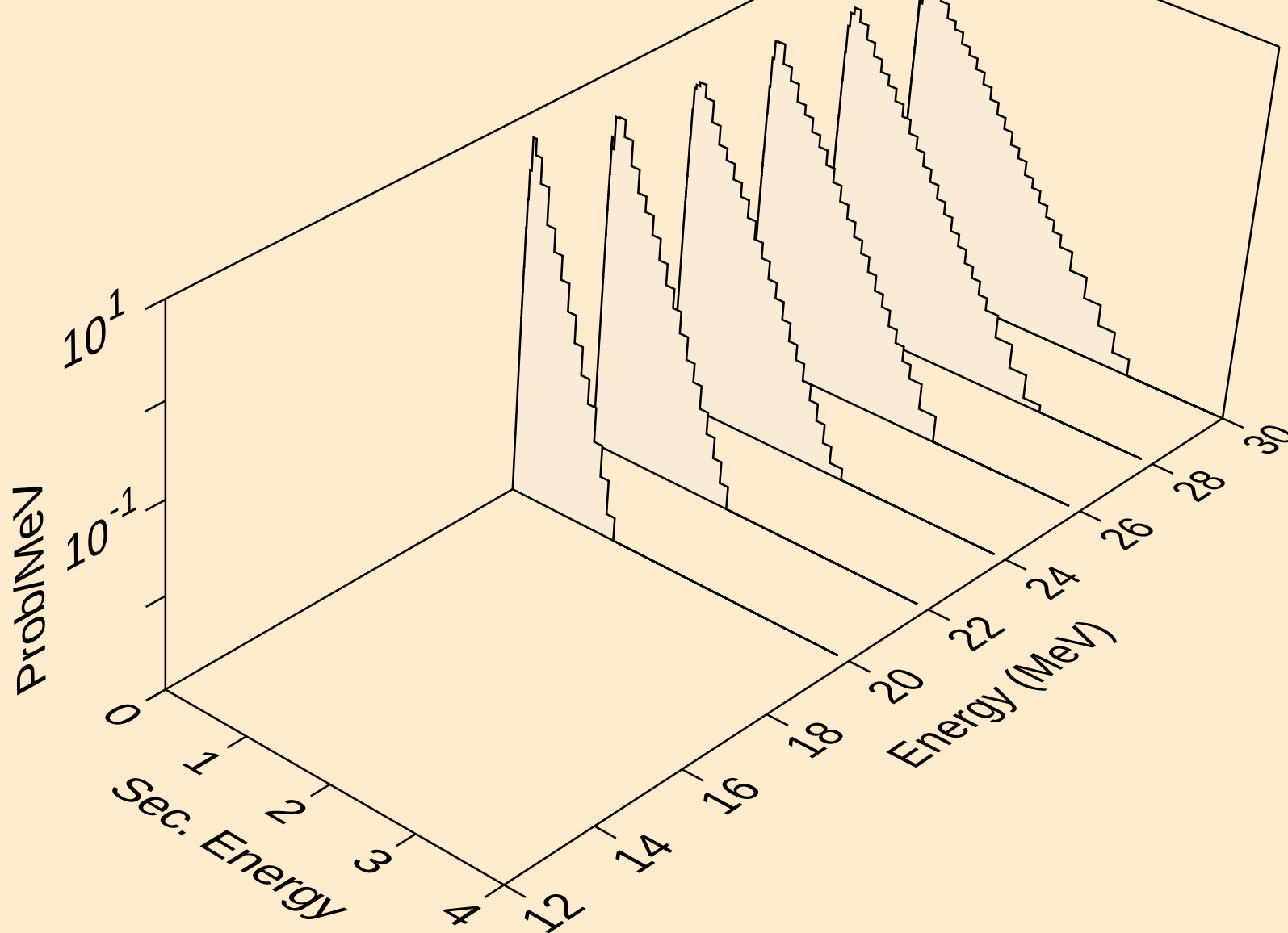
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



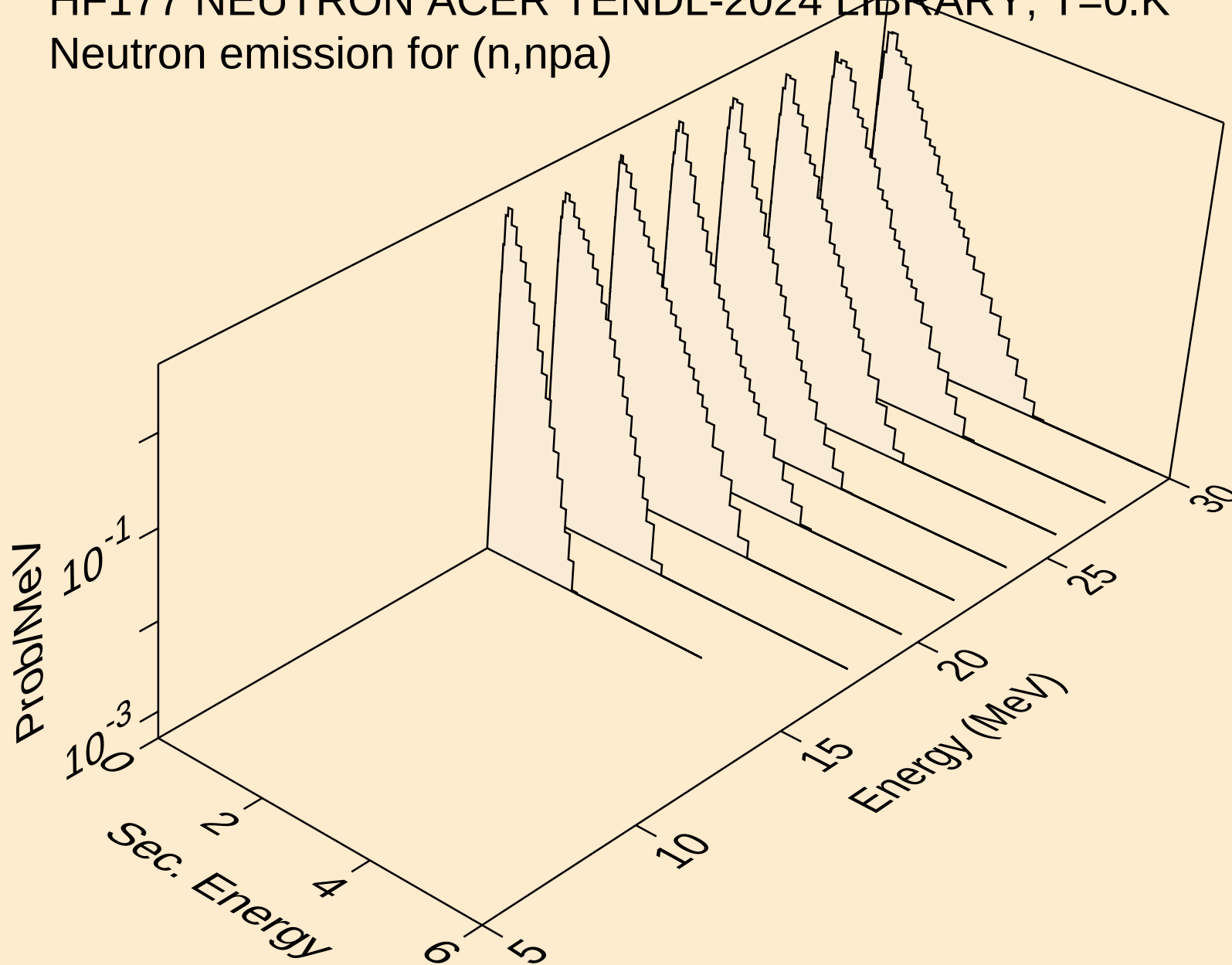
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



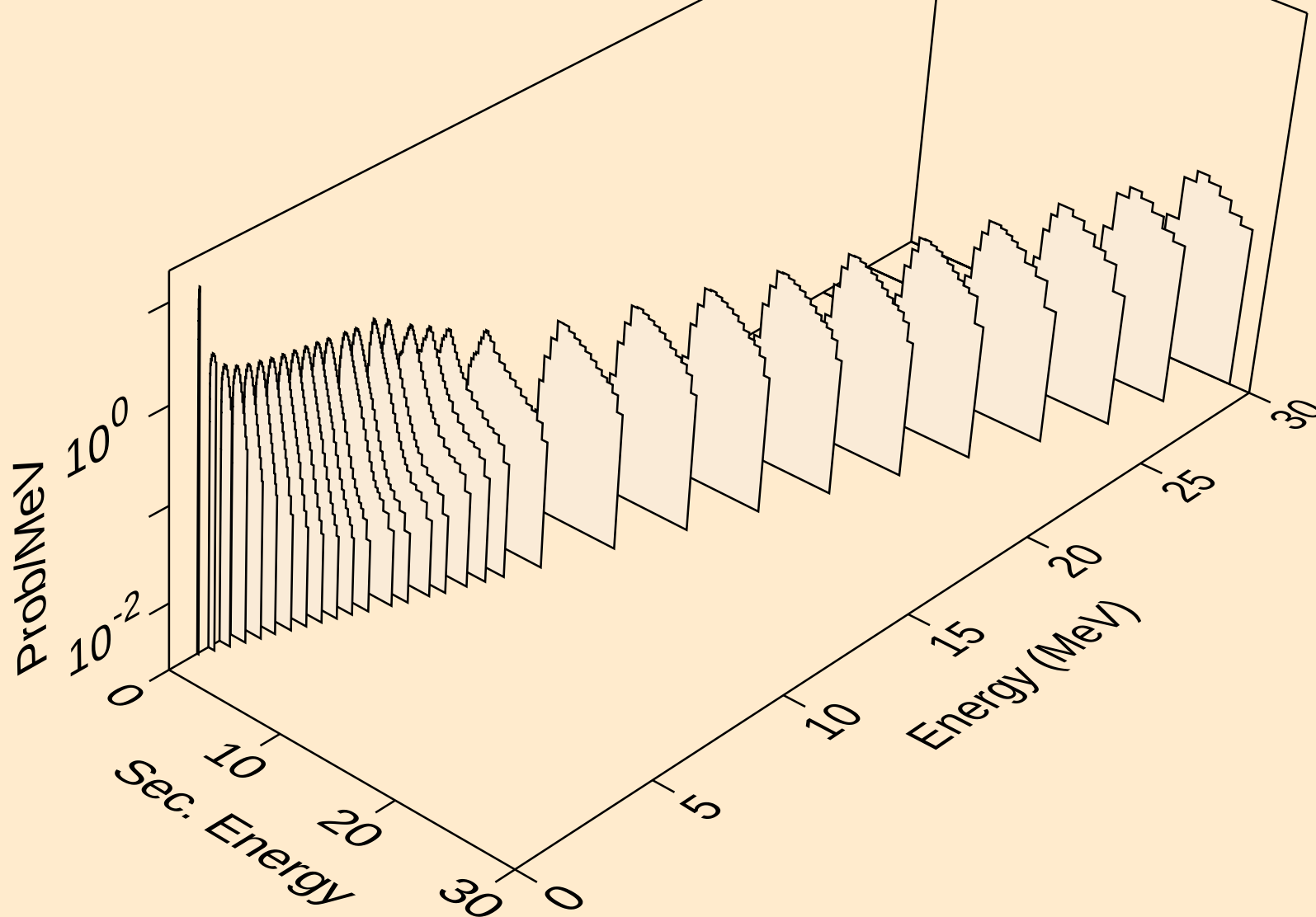
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



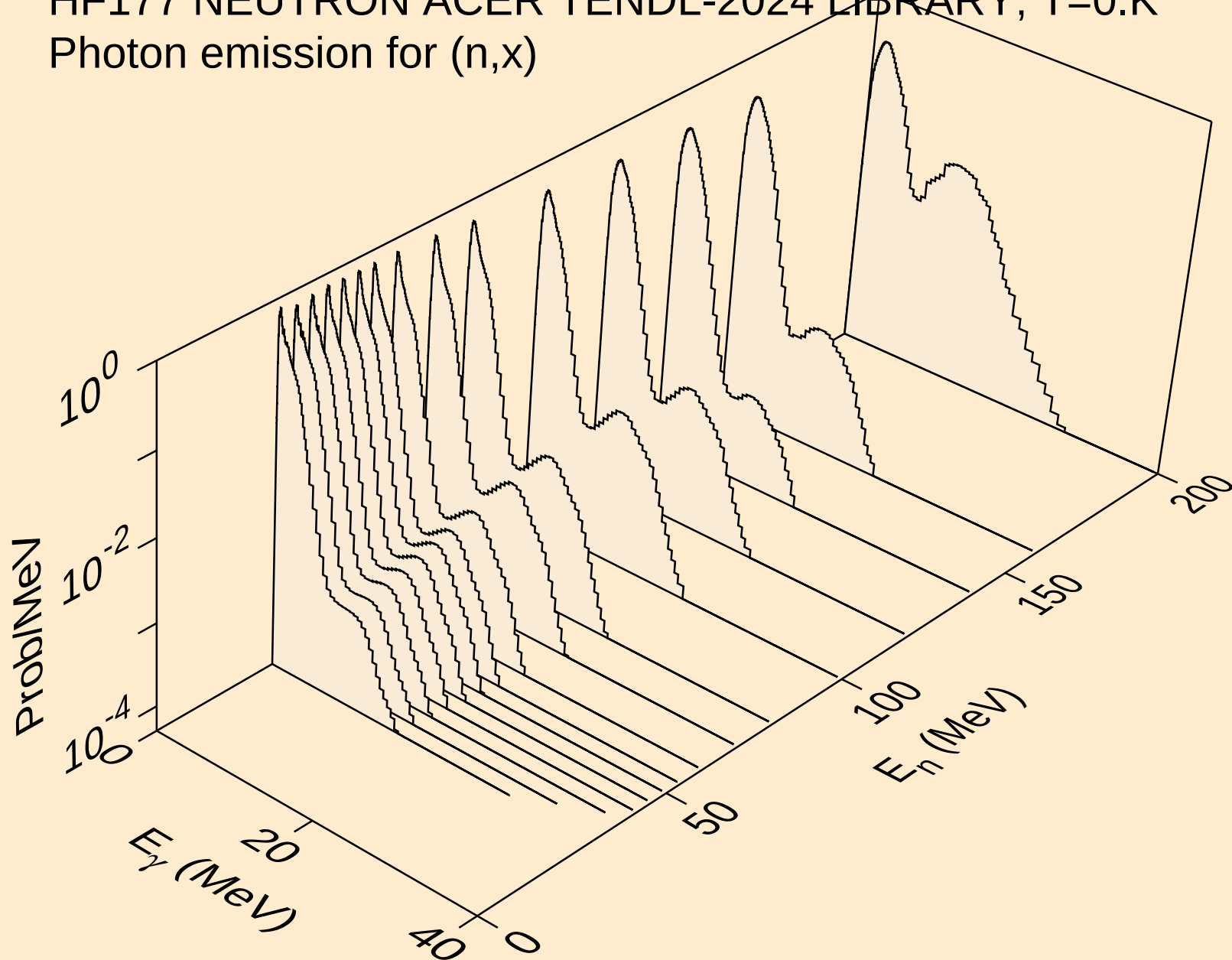
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



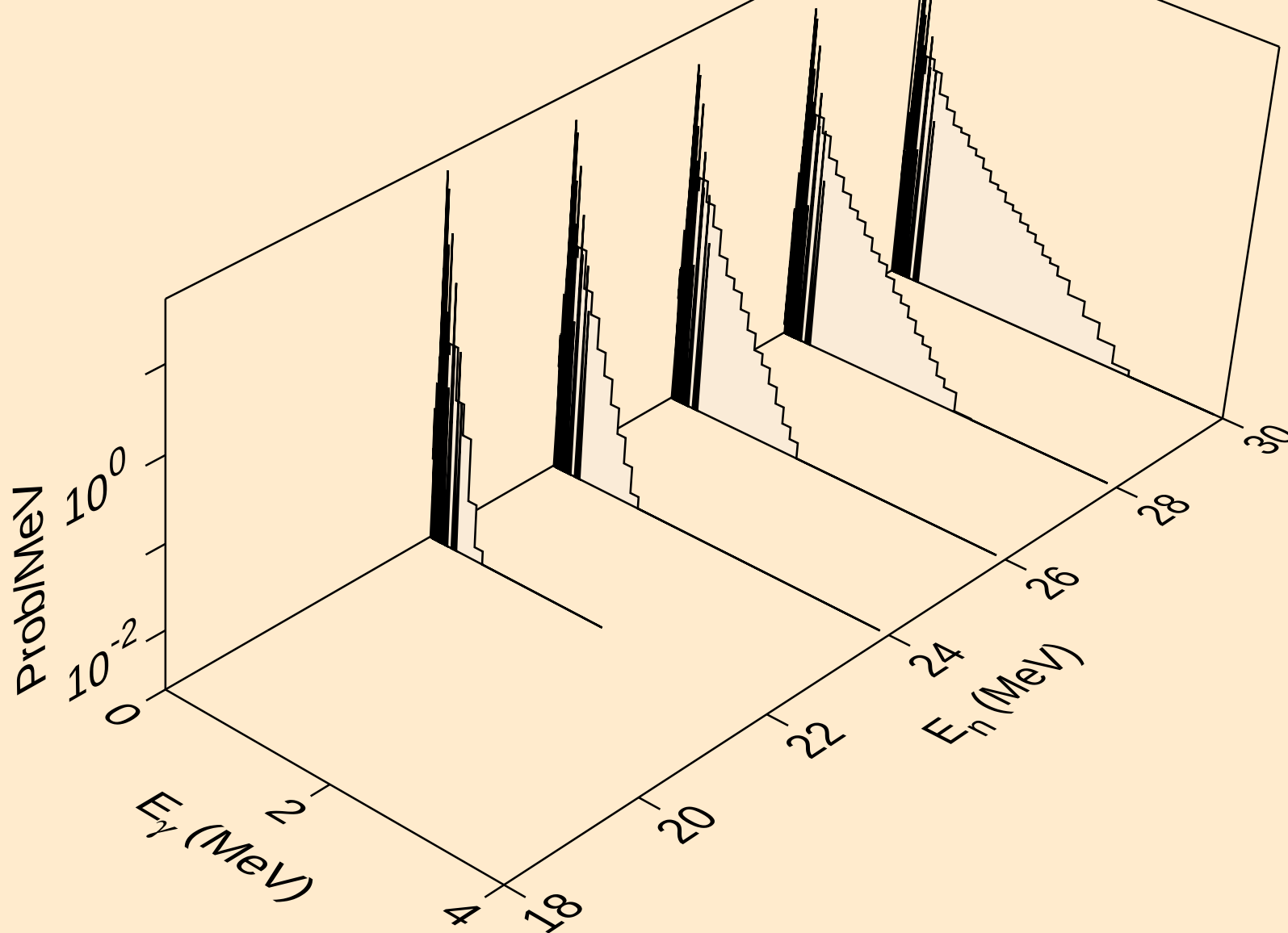
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



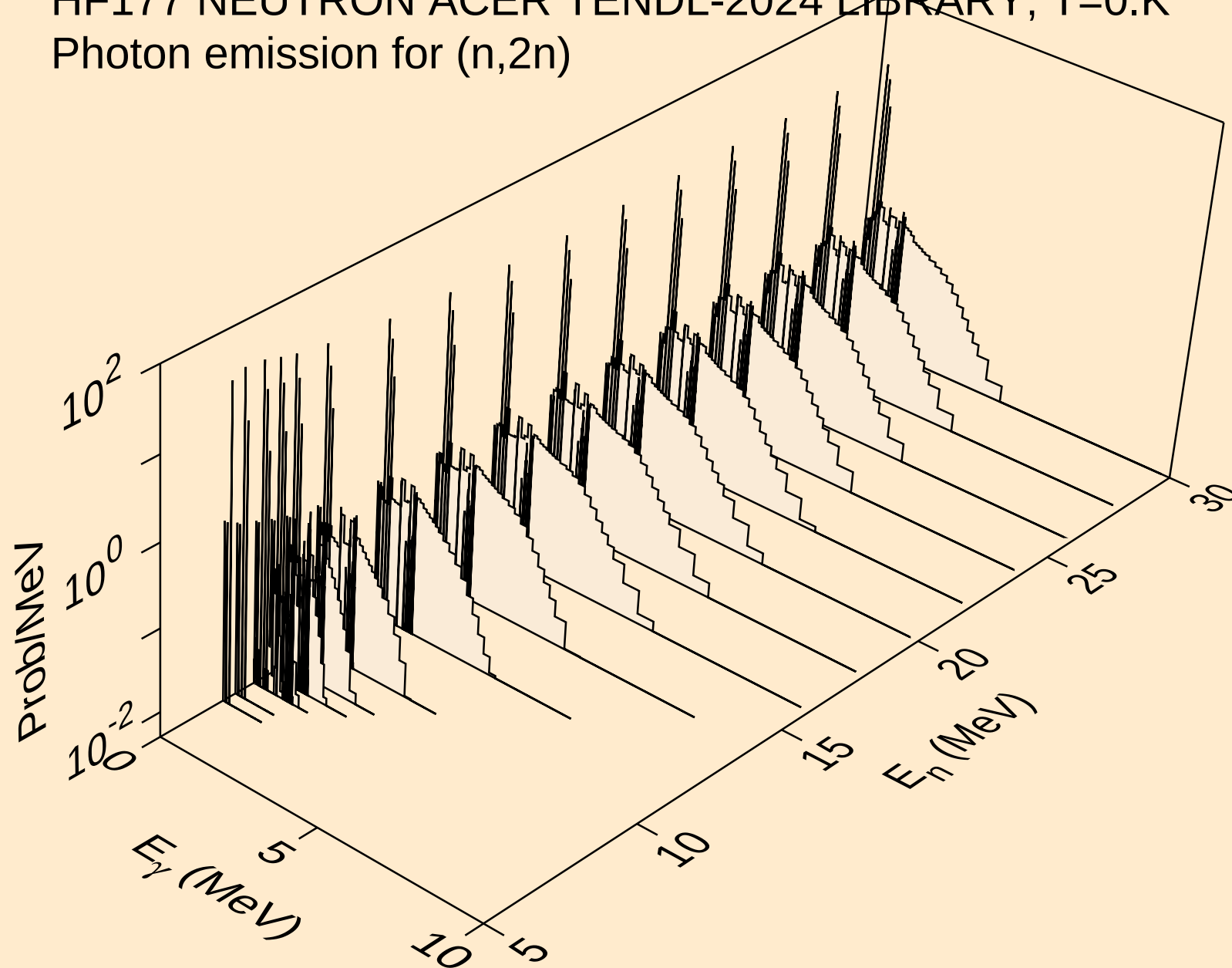
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



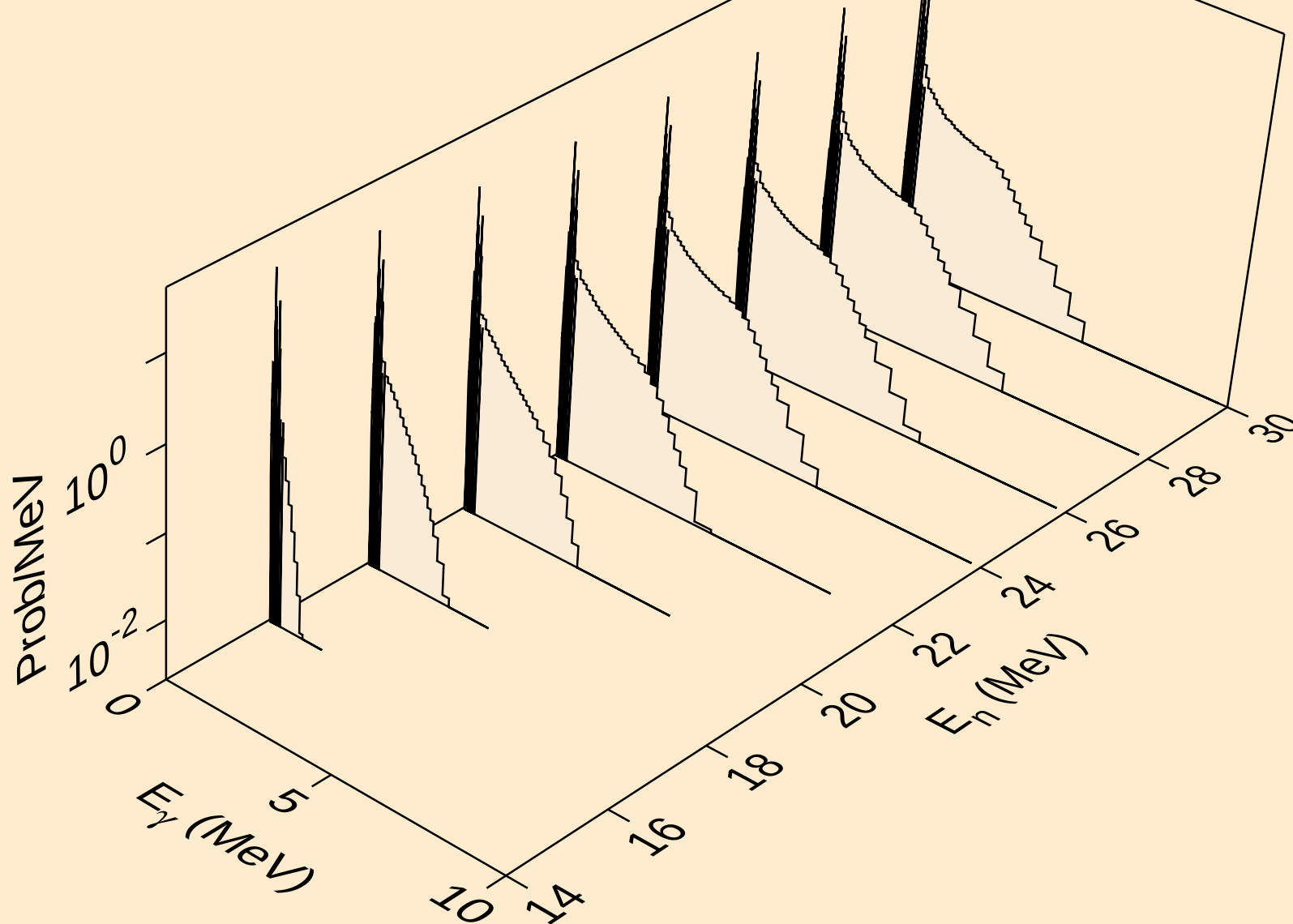
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

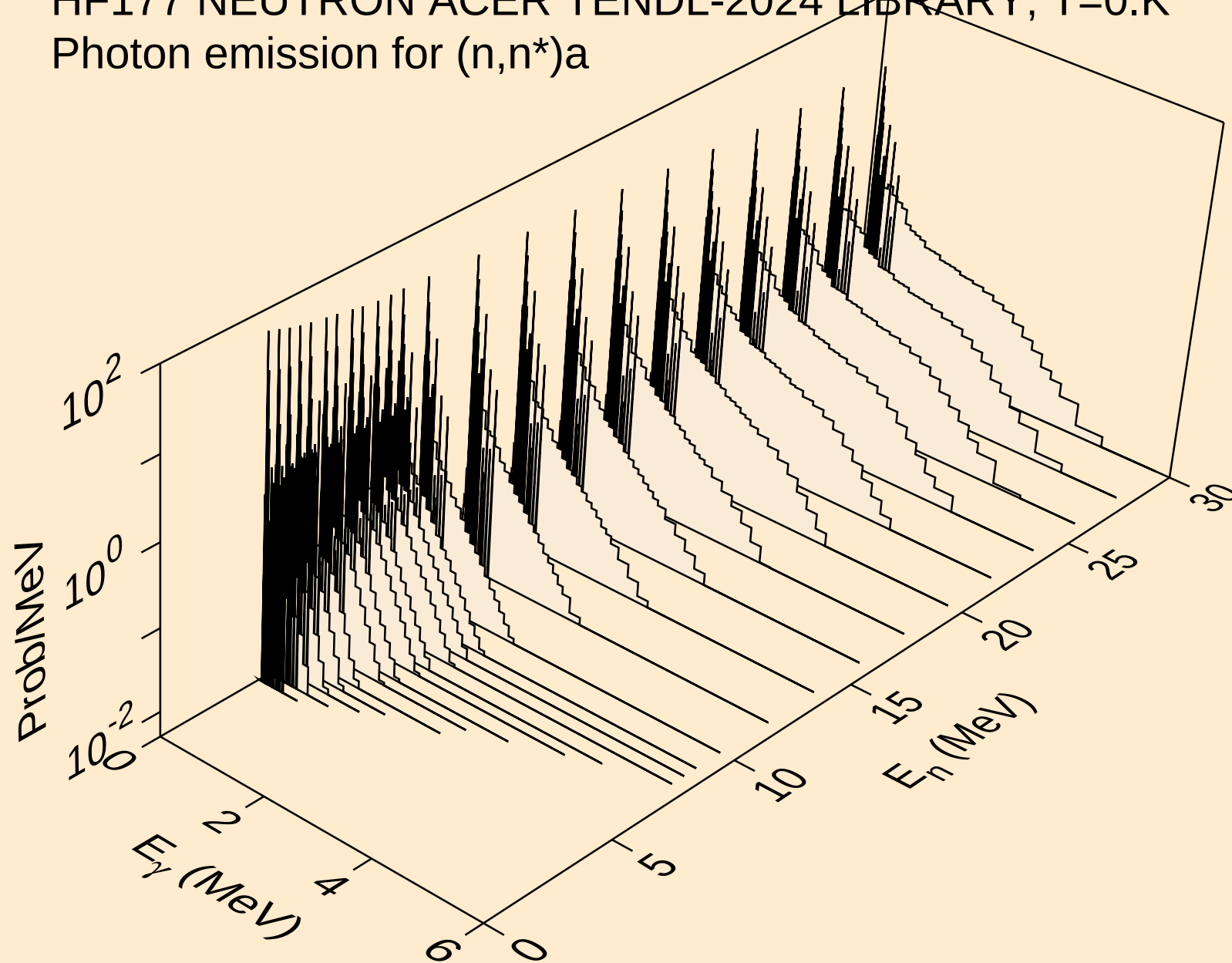


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



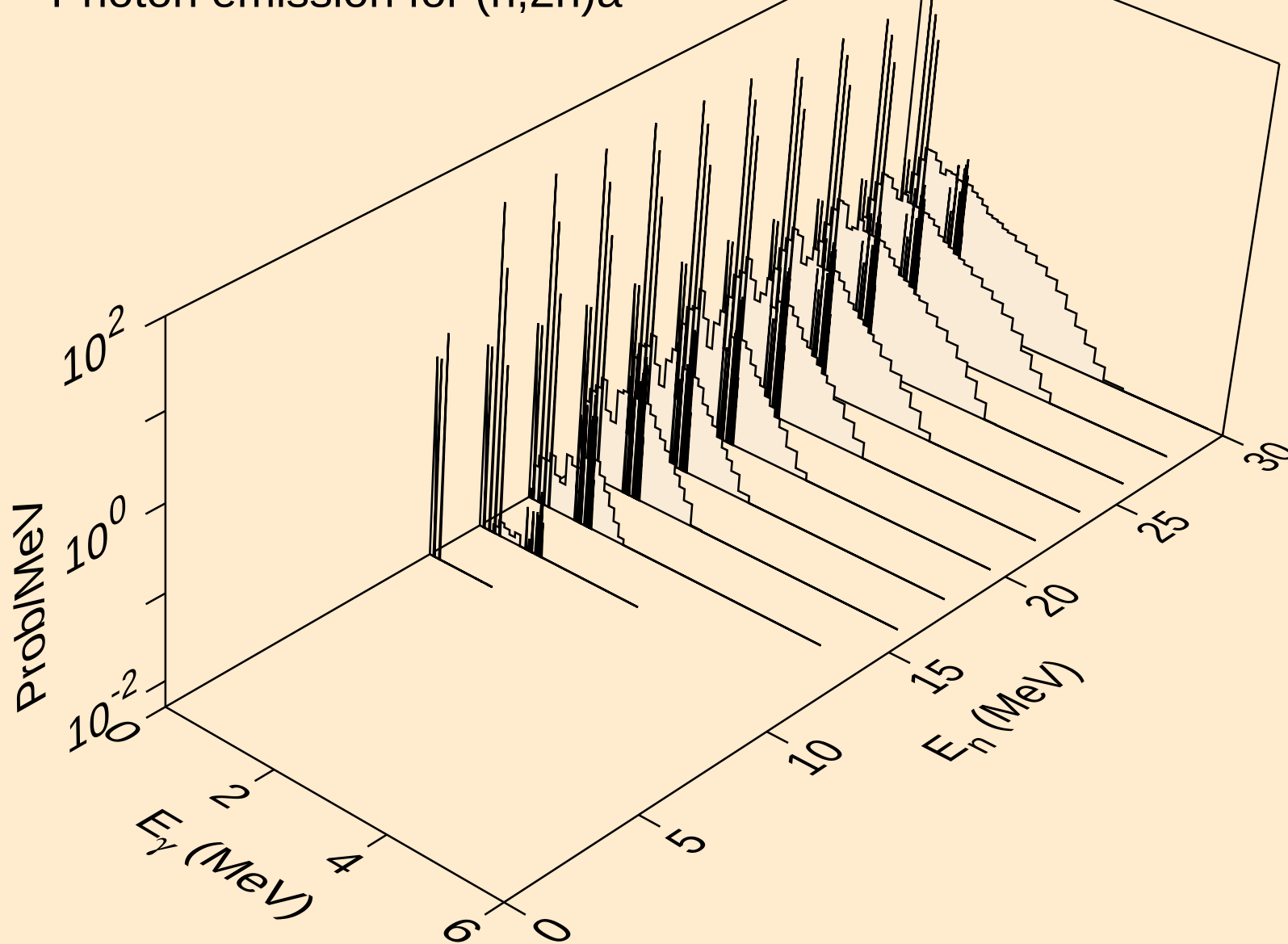
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



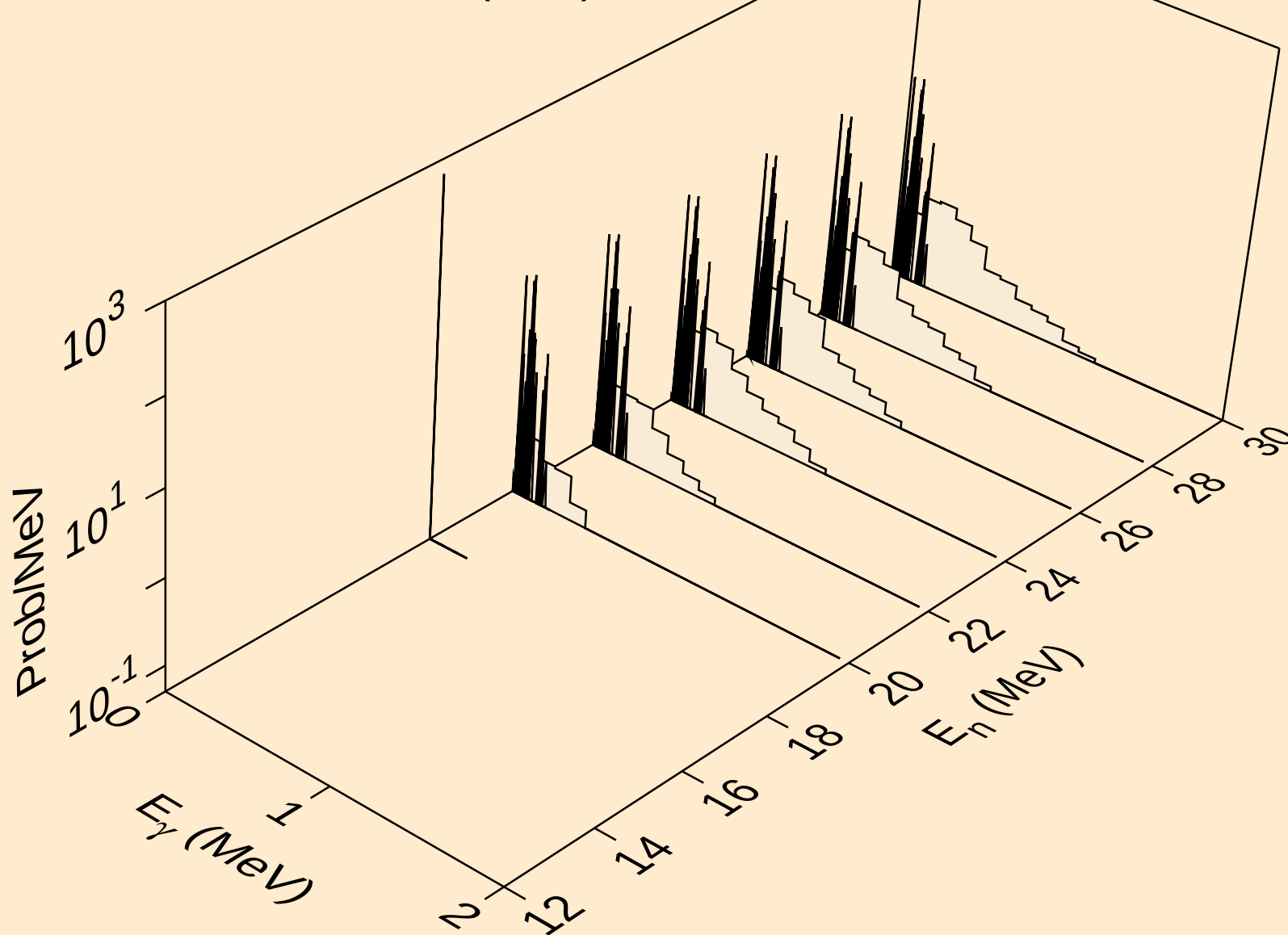
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



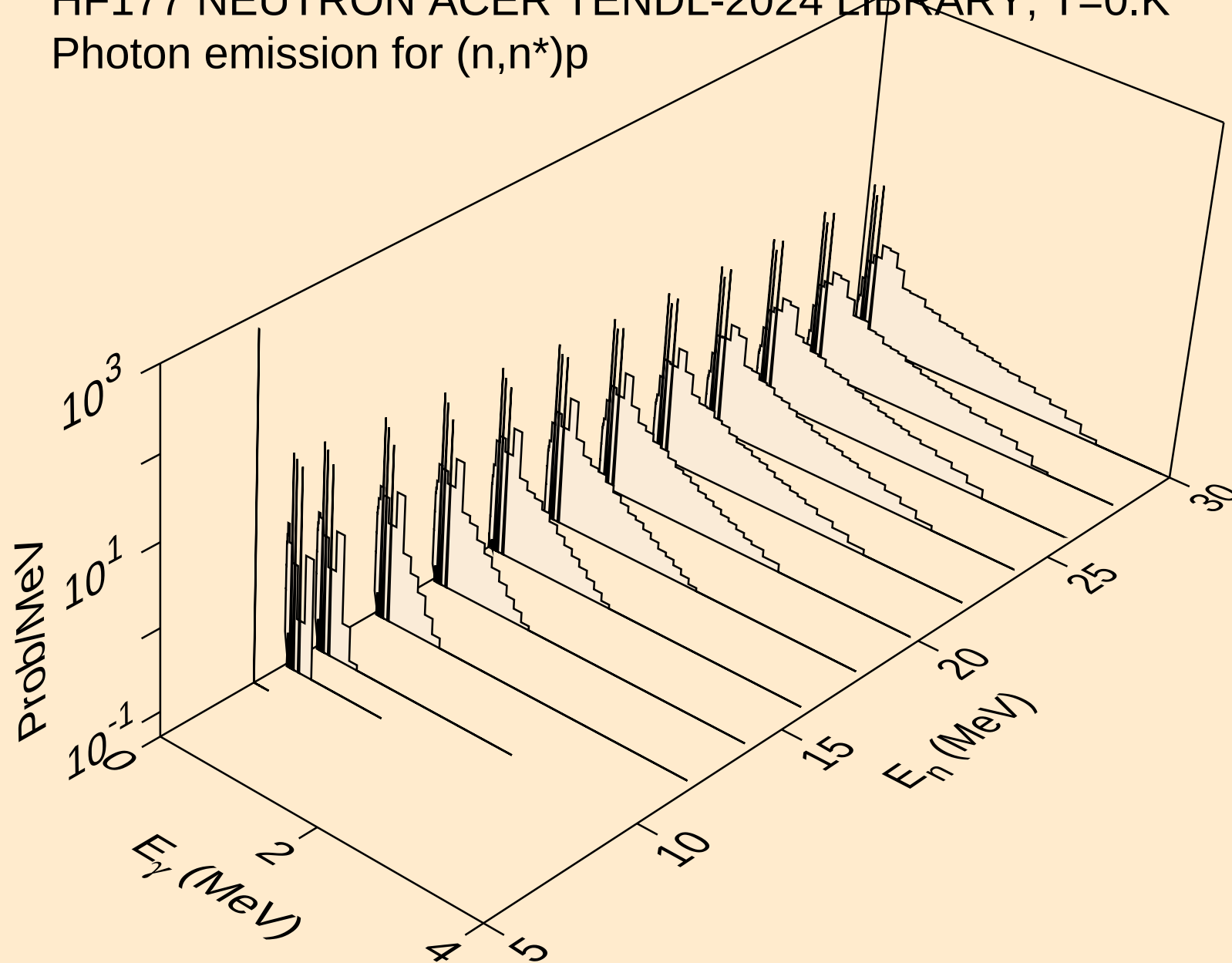
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n)a



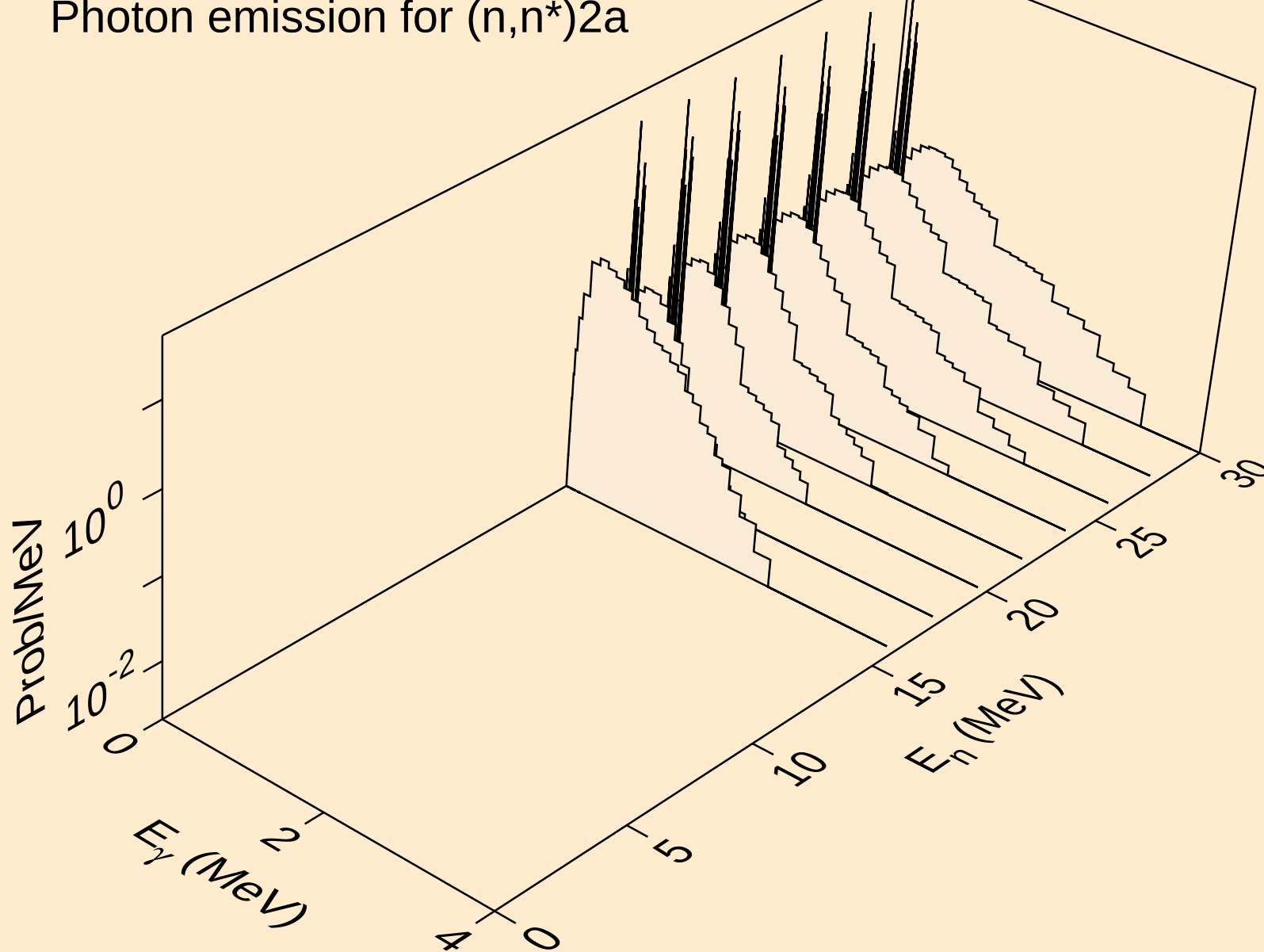
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



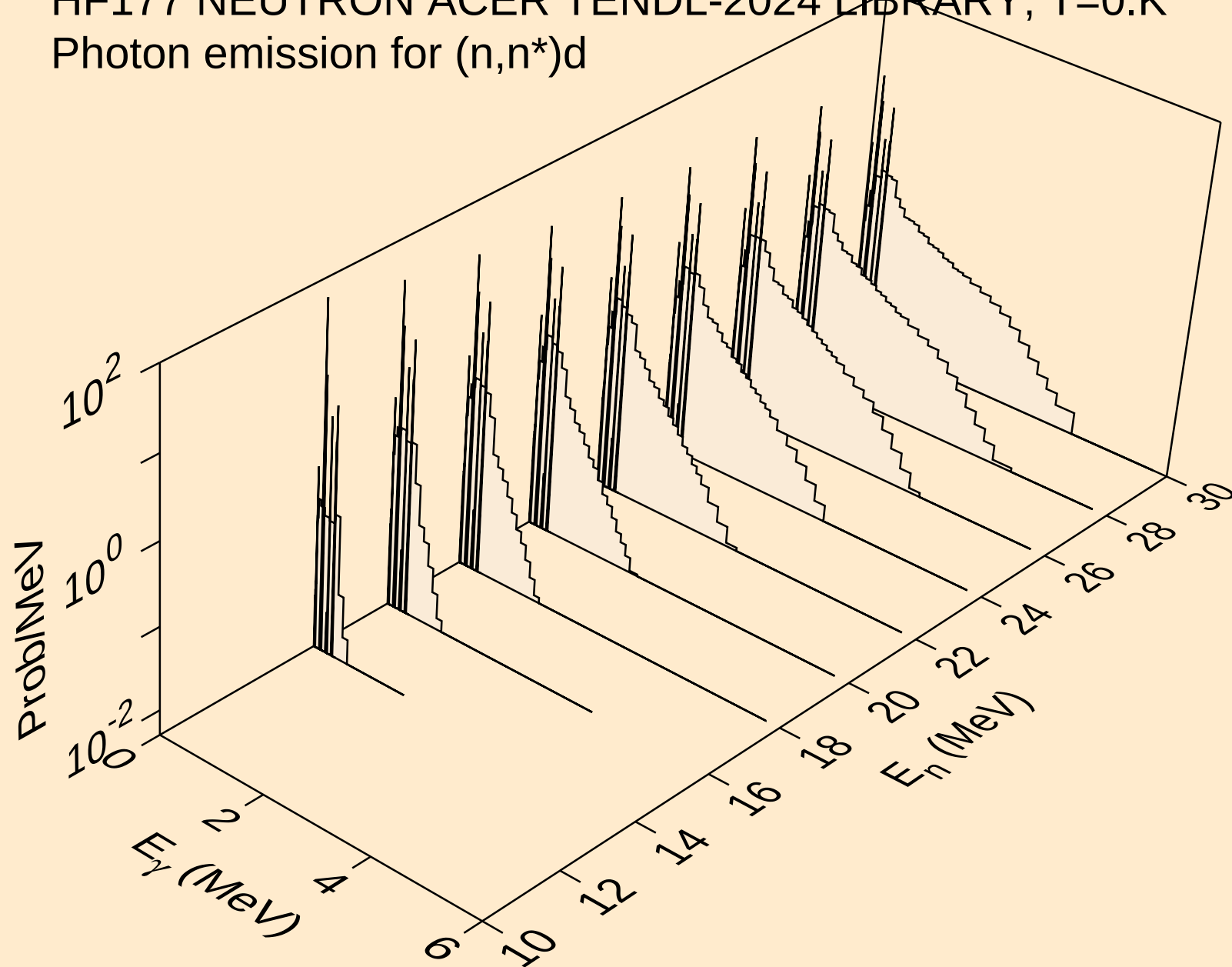
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



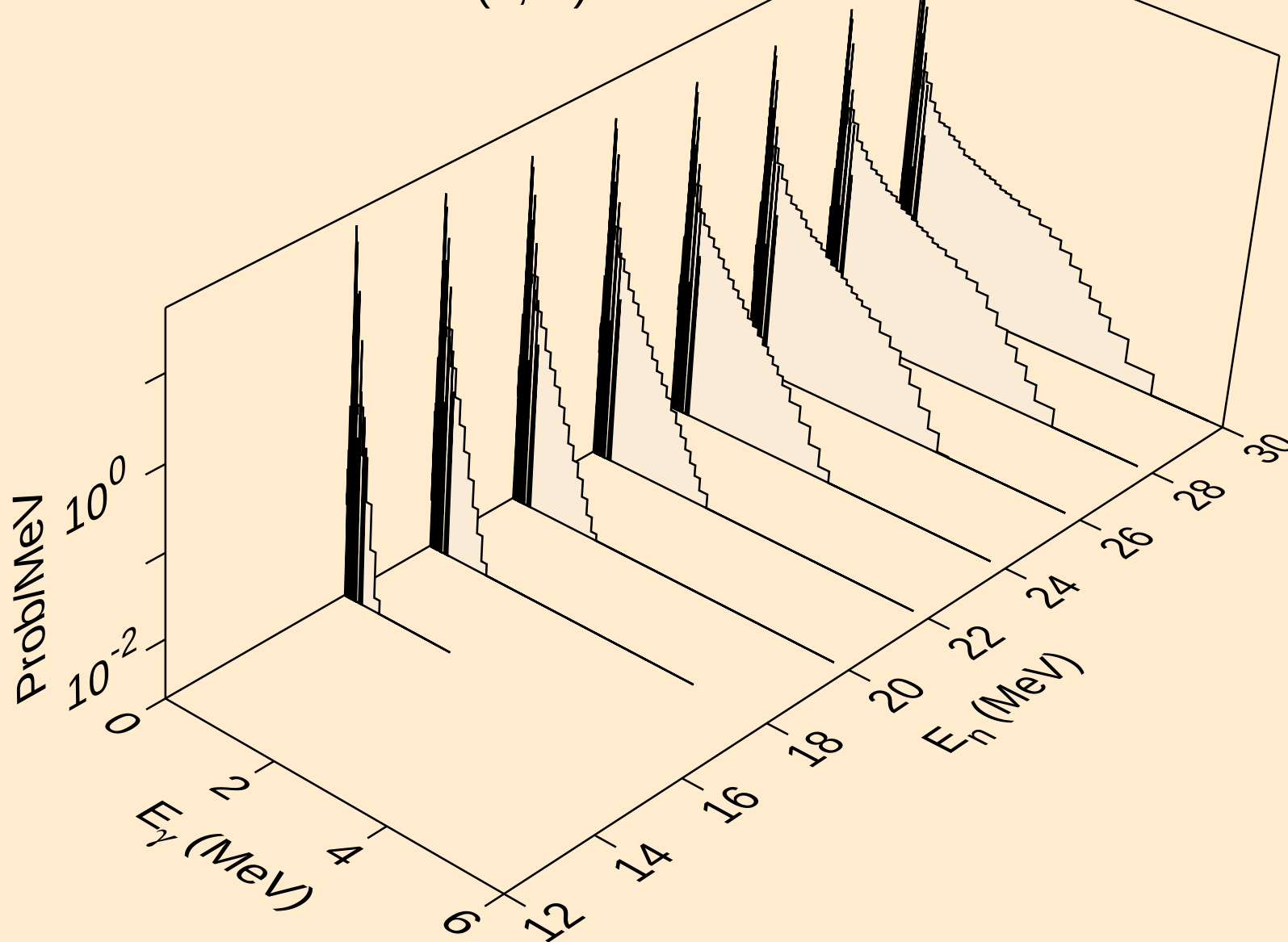
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d



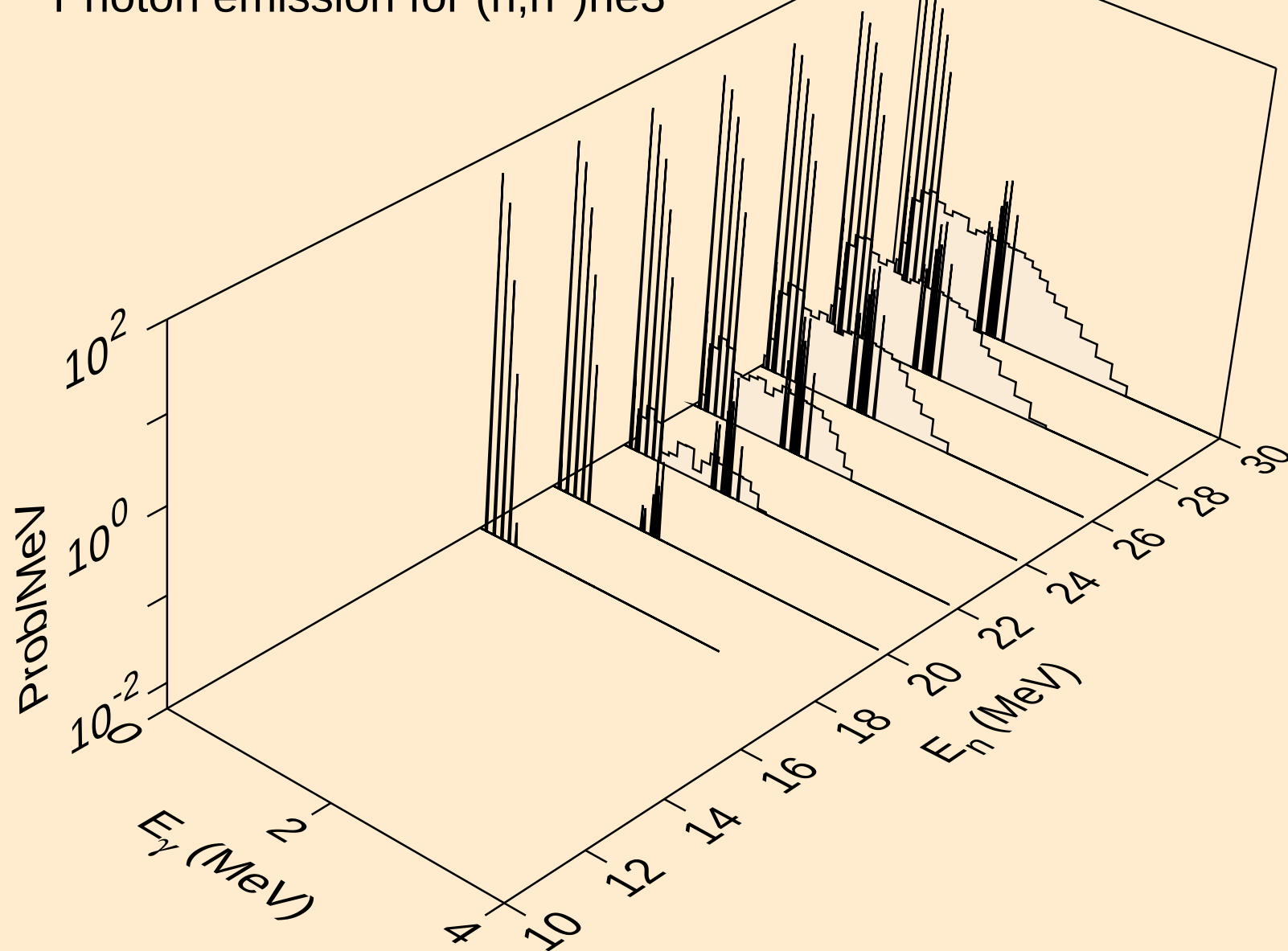
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)t

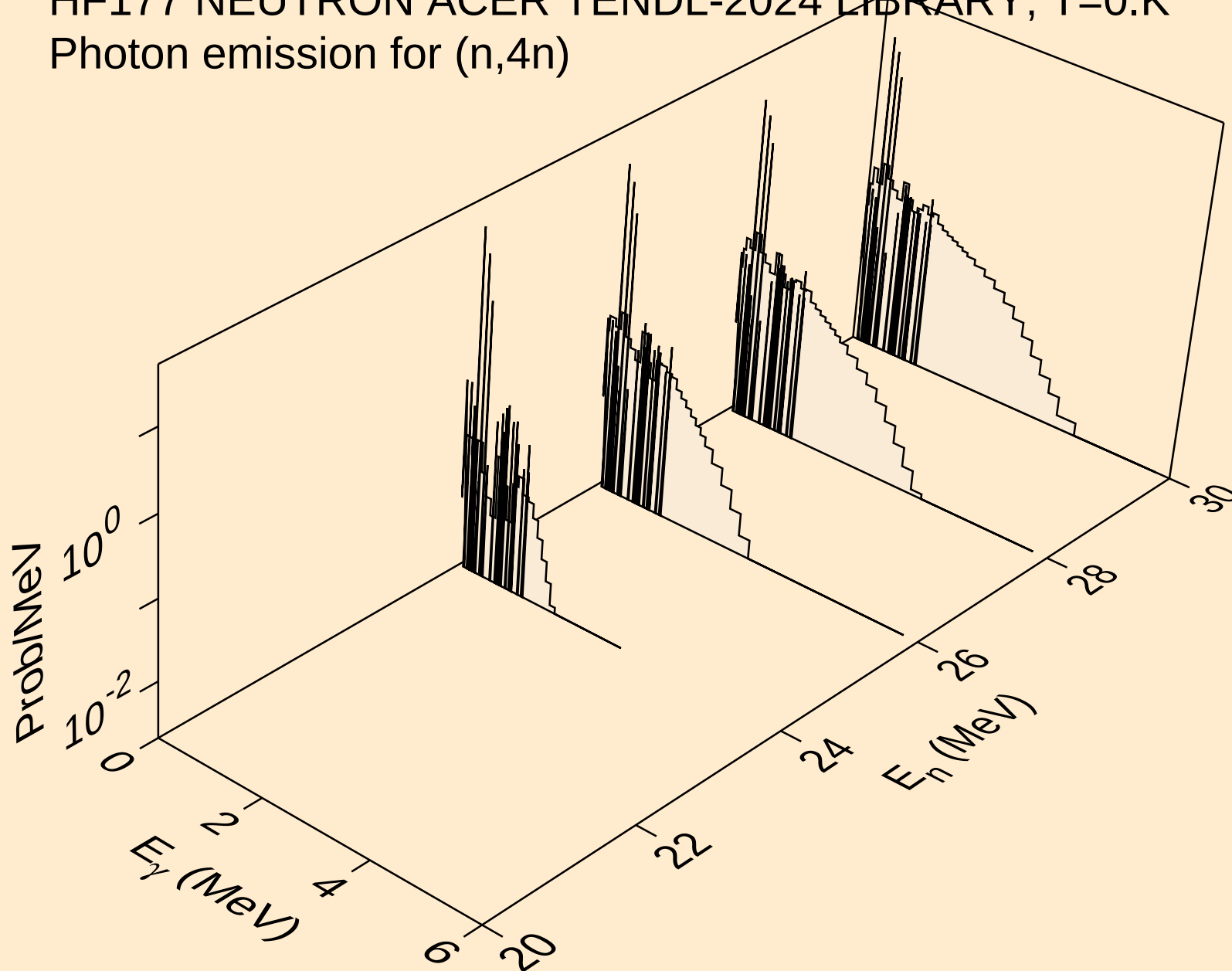


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

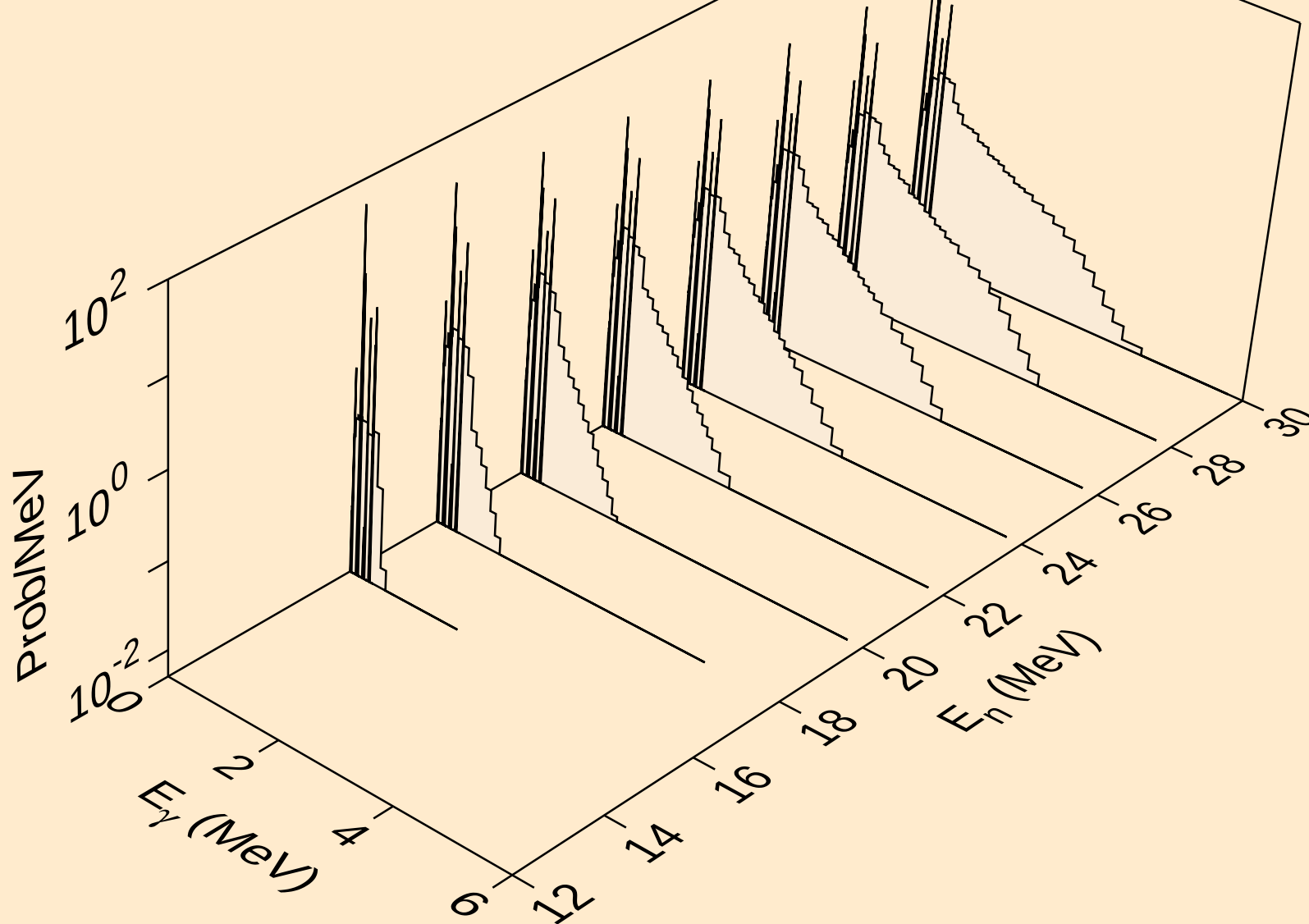
Photon emission for (n,n*)he3



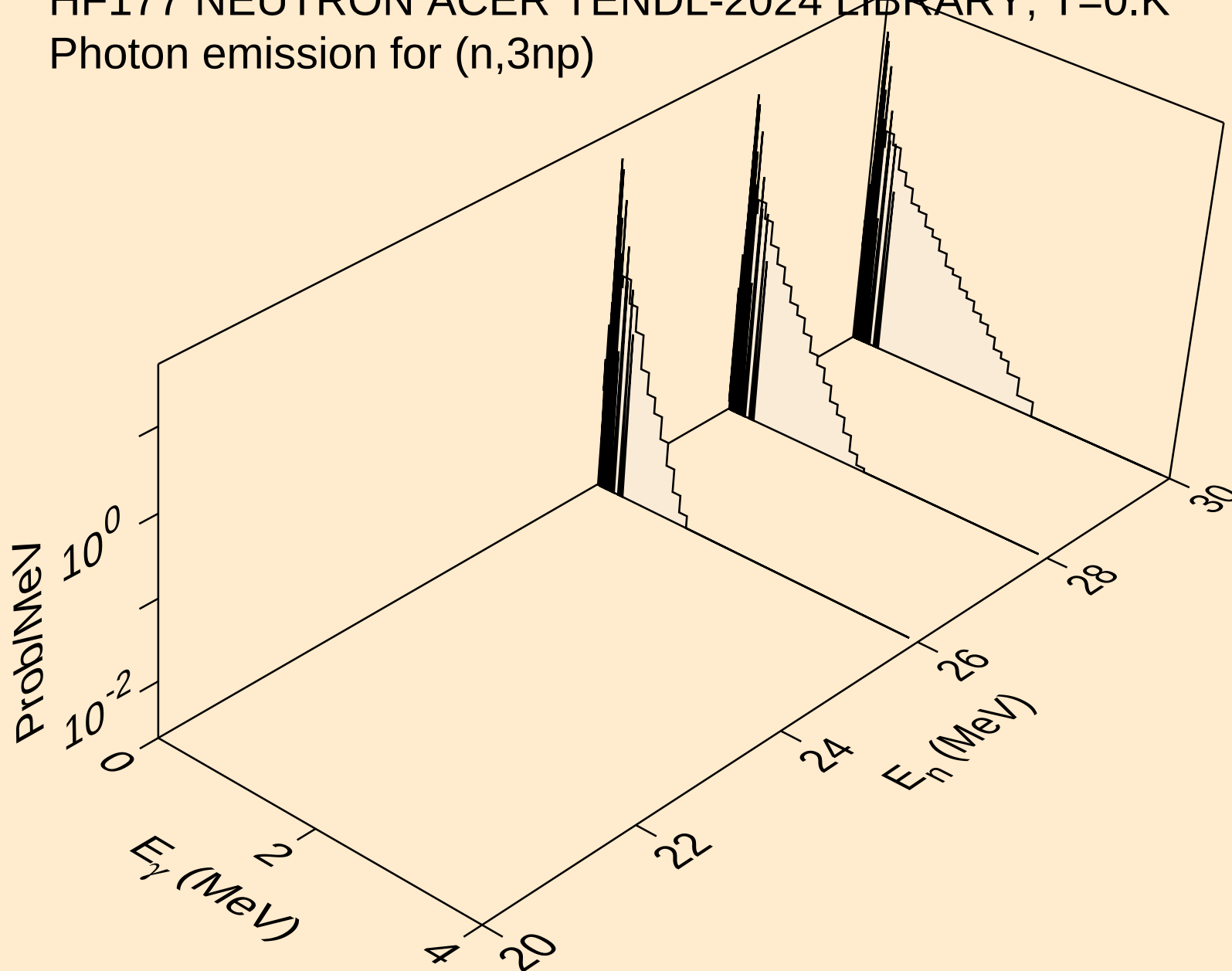
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



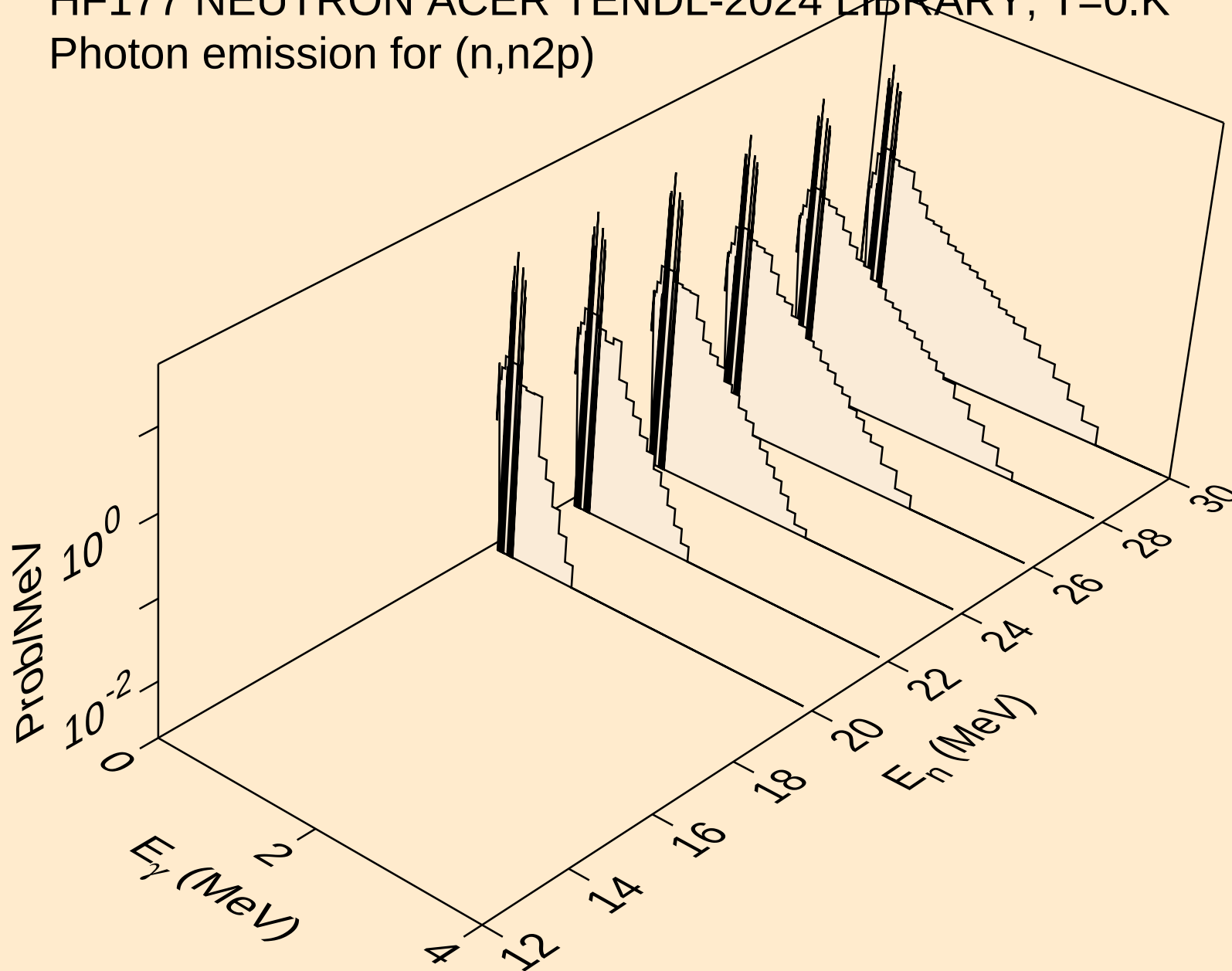
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



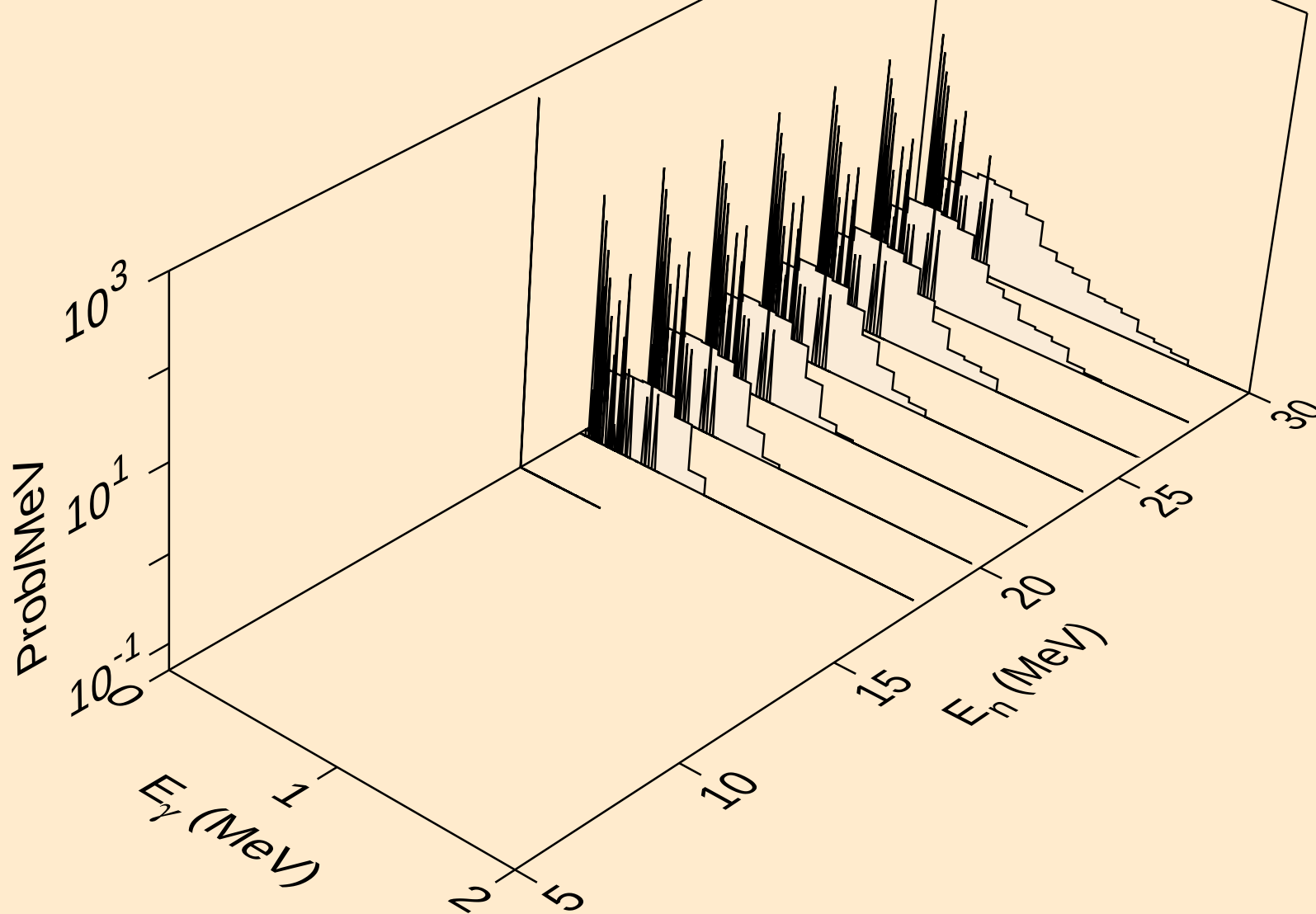
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



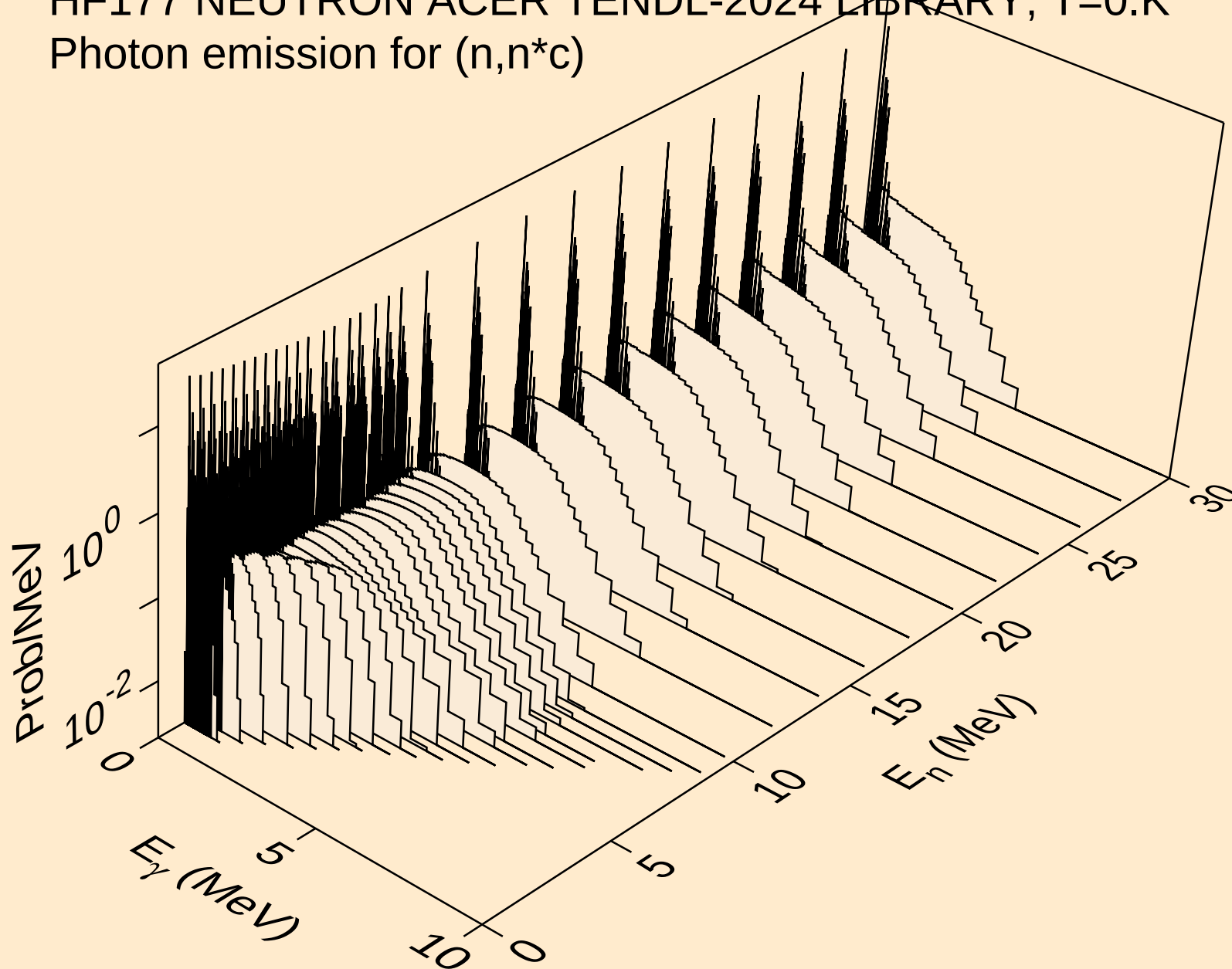
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



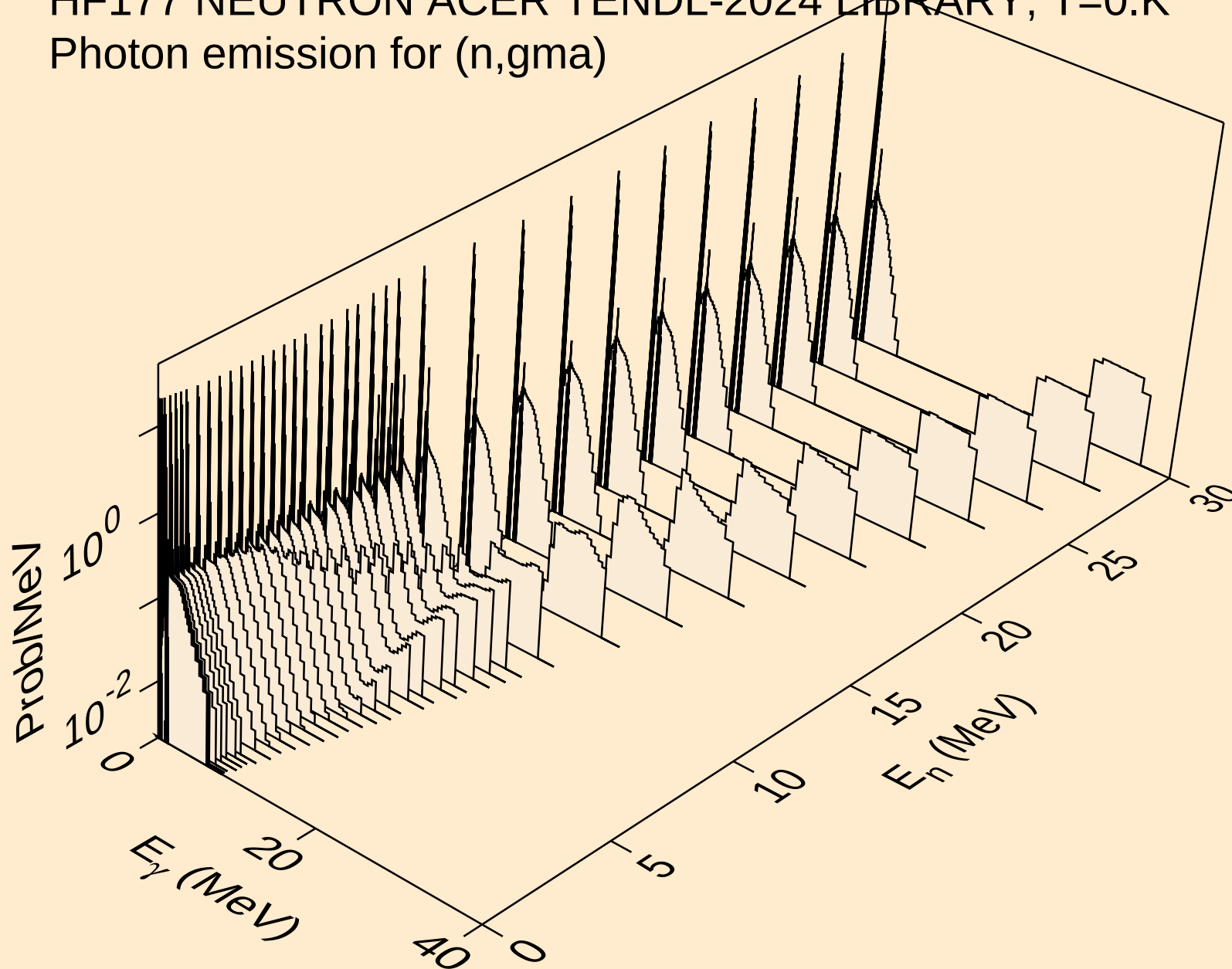
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



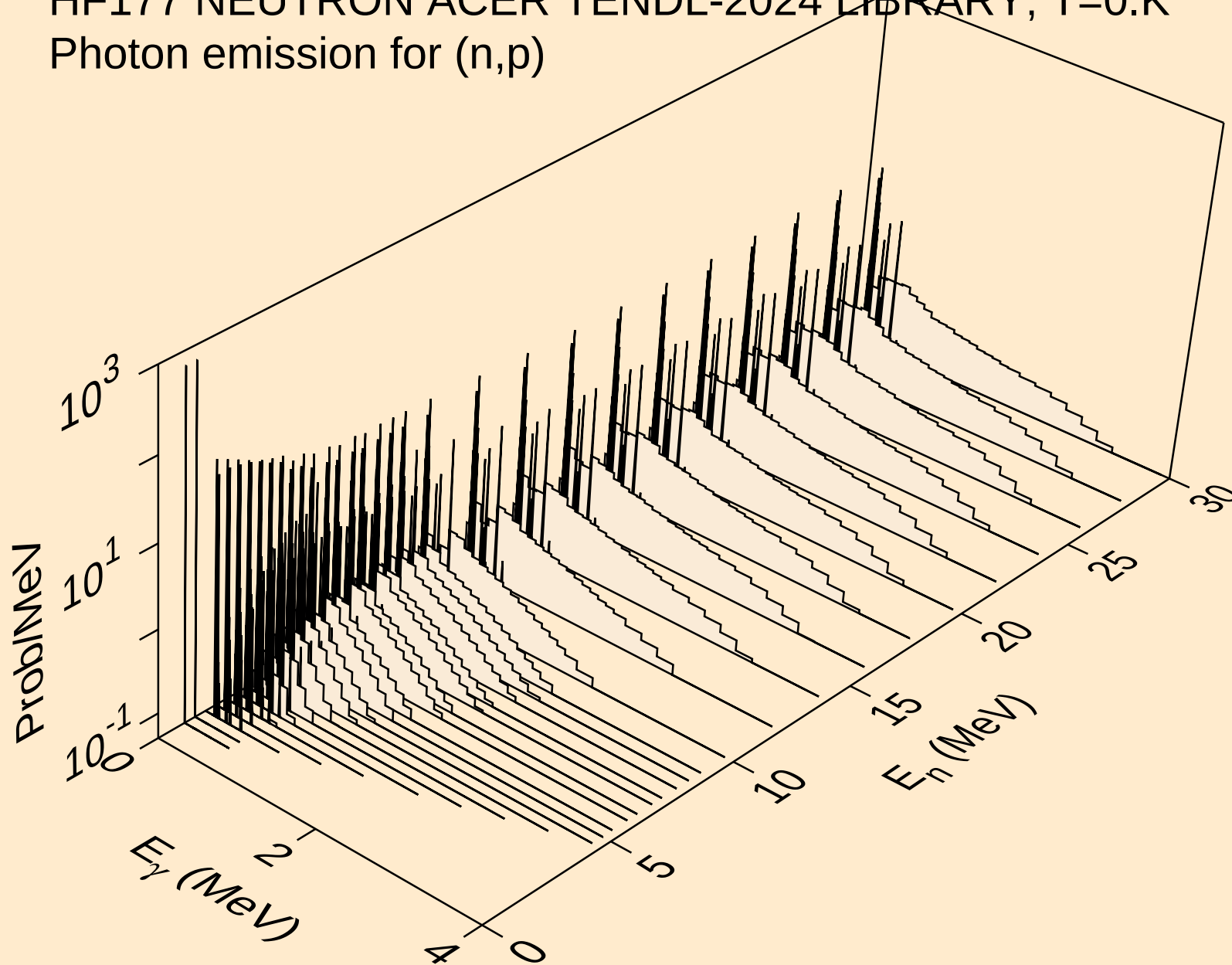
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



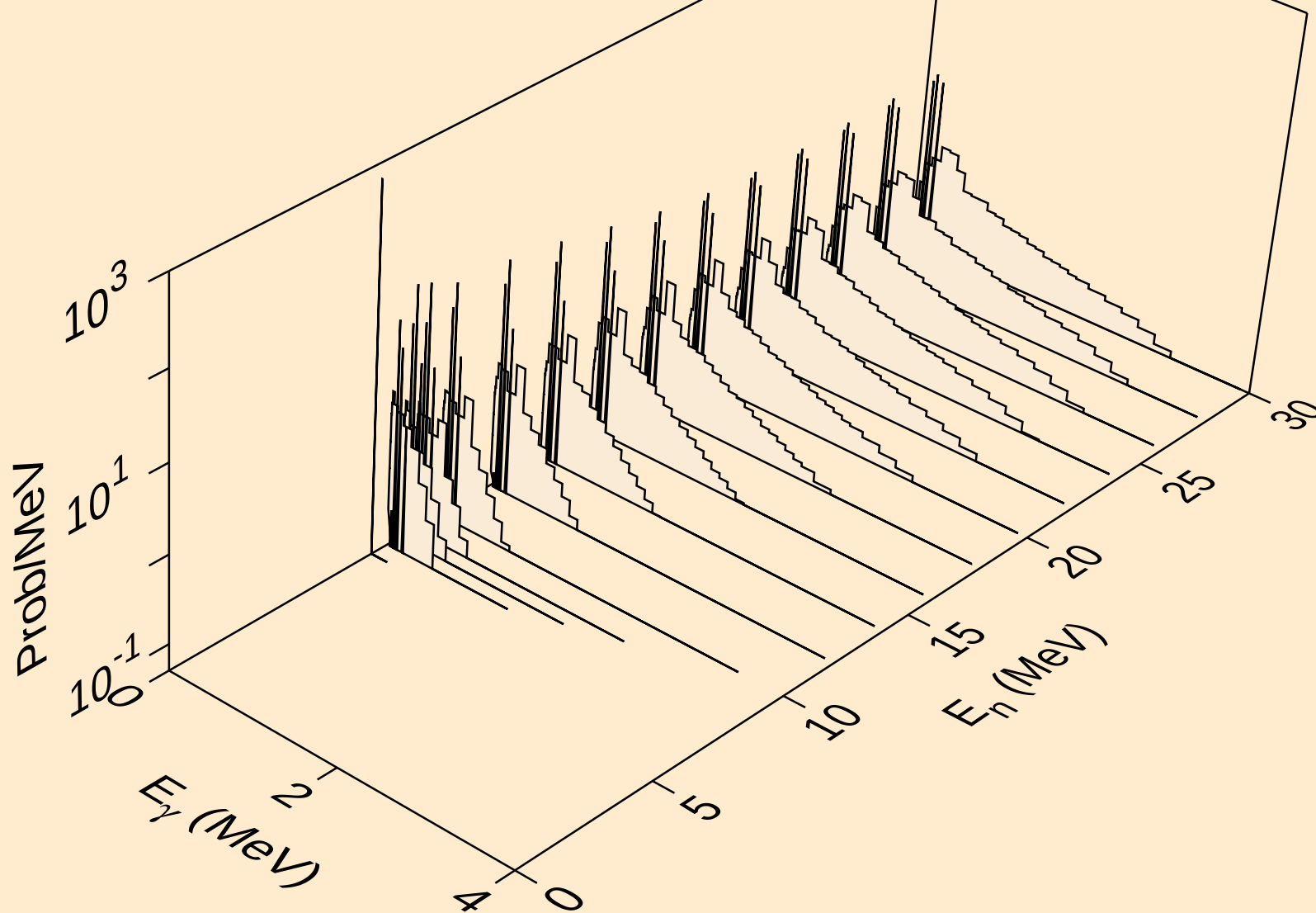
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



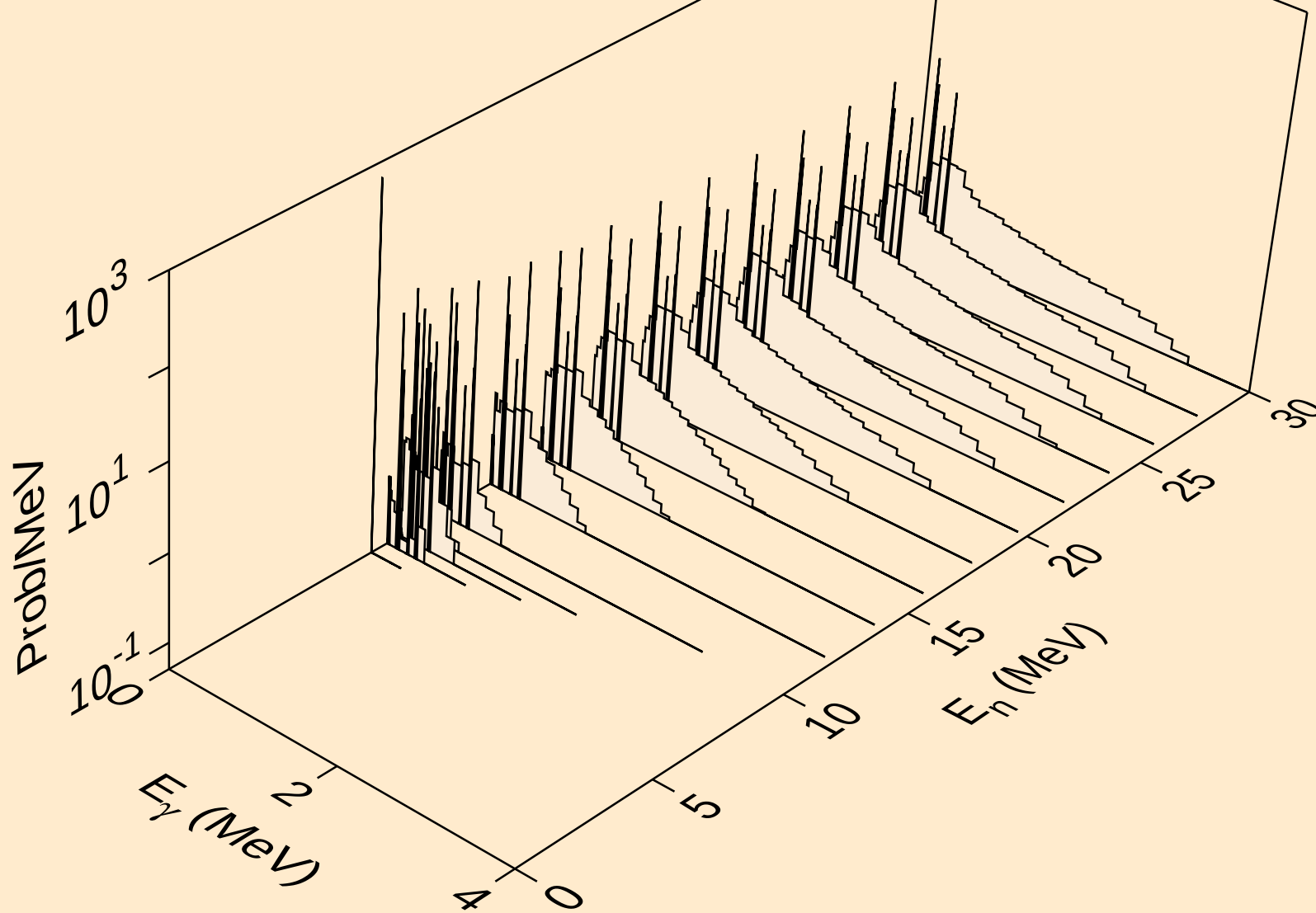
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



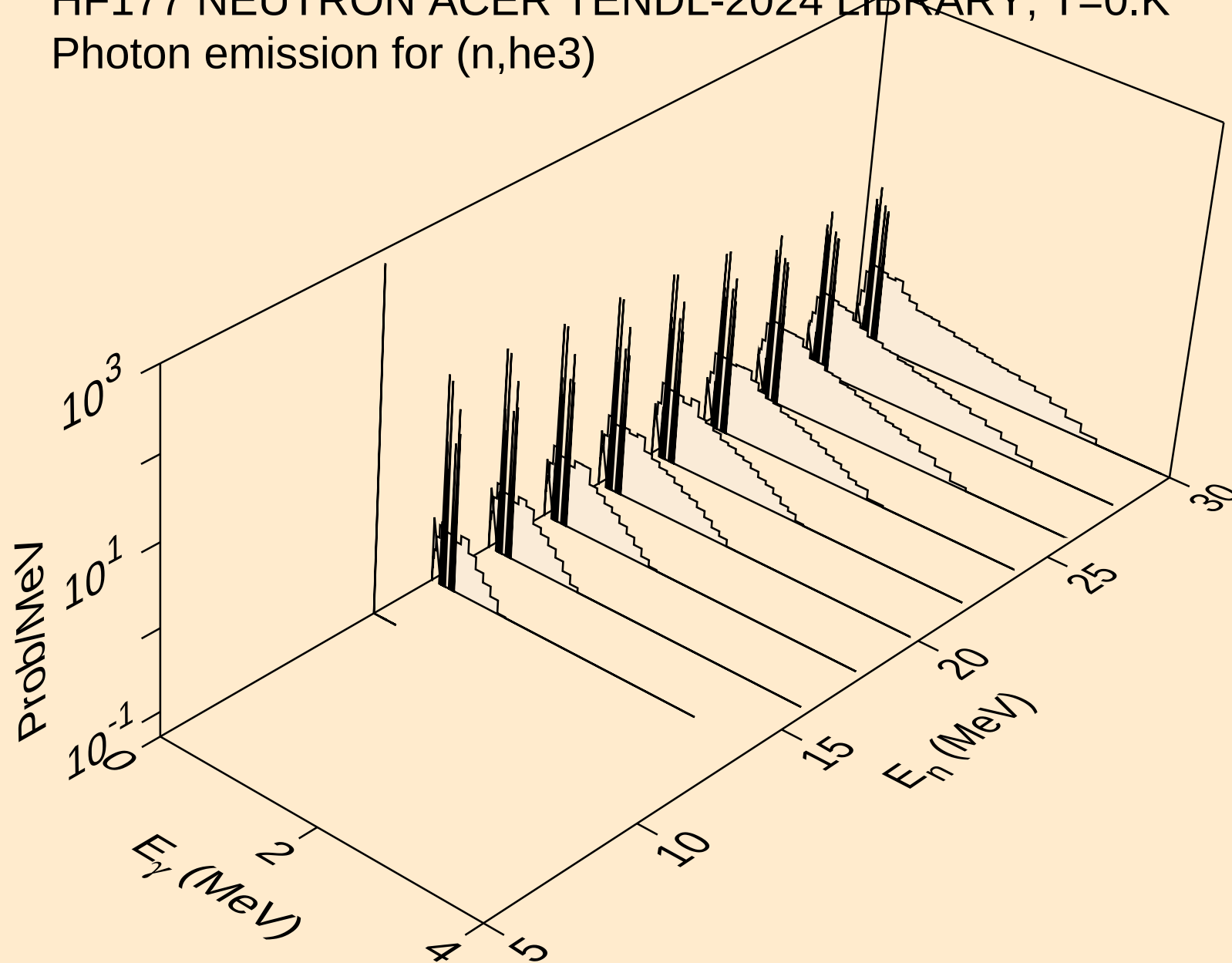
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



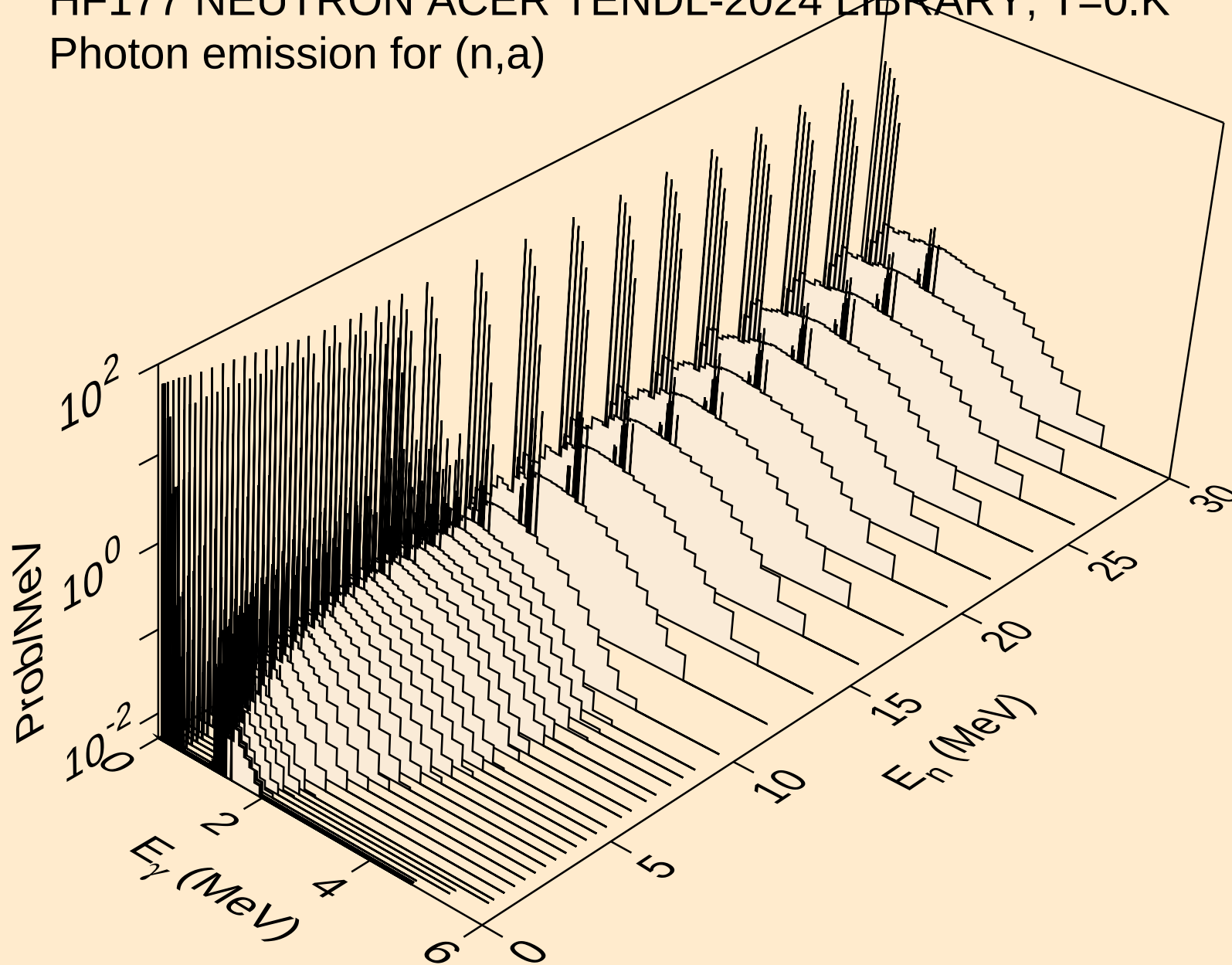
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



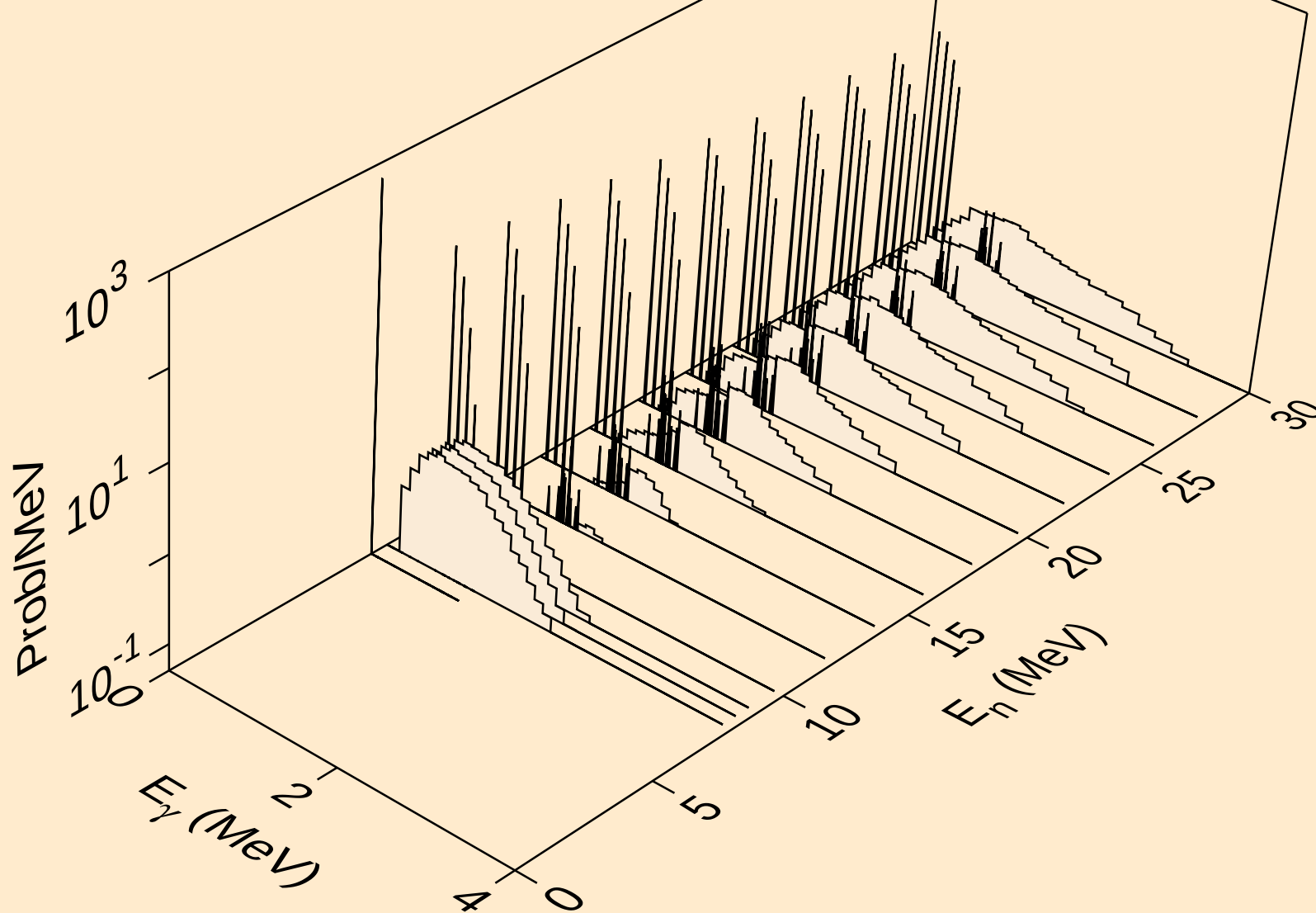
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



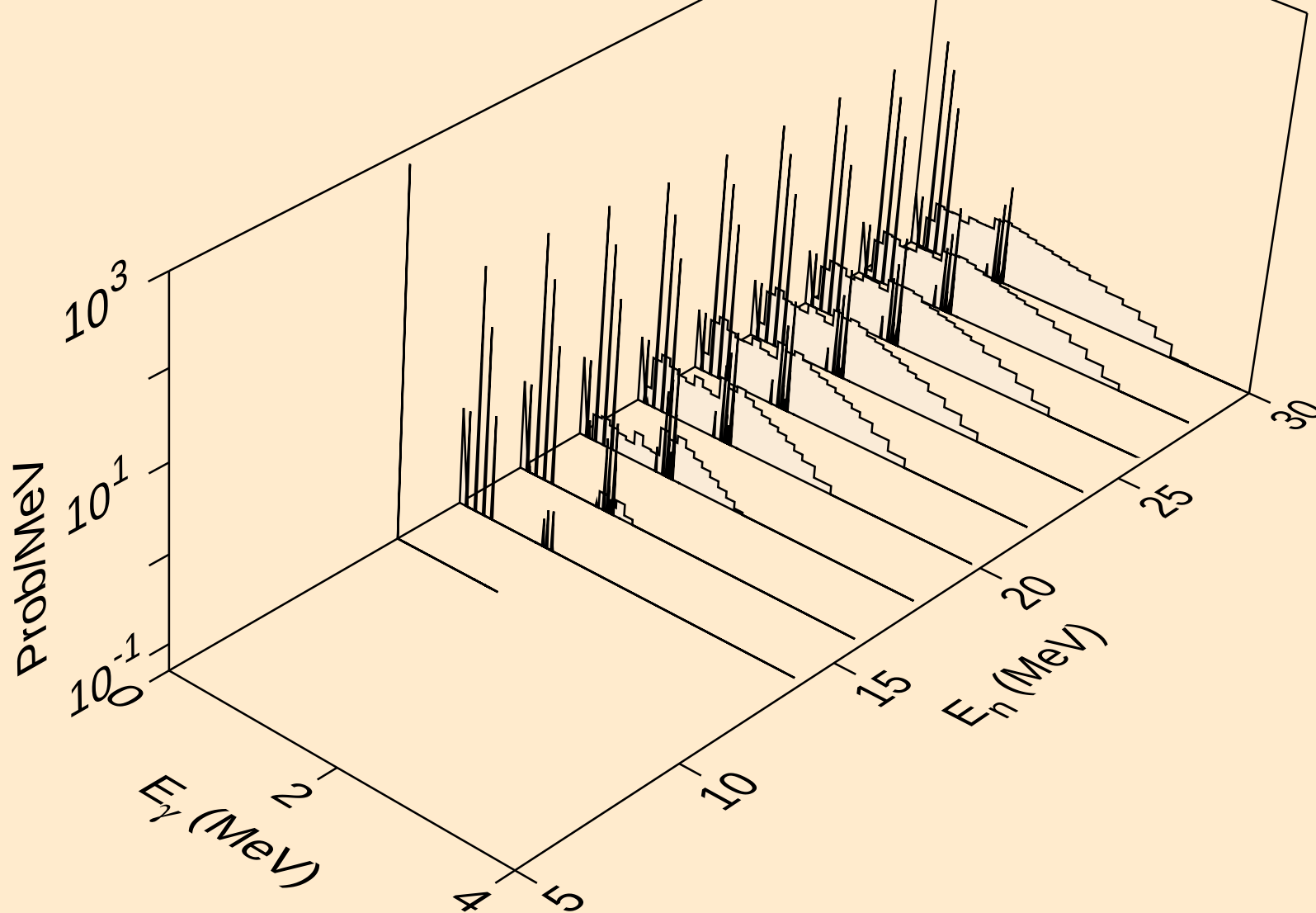
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



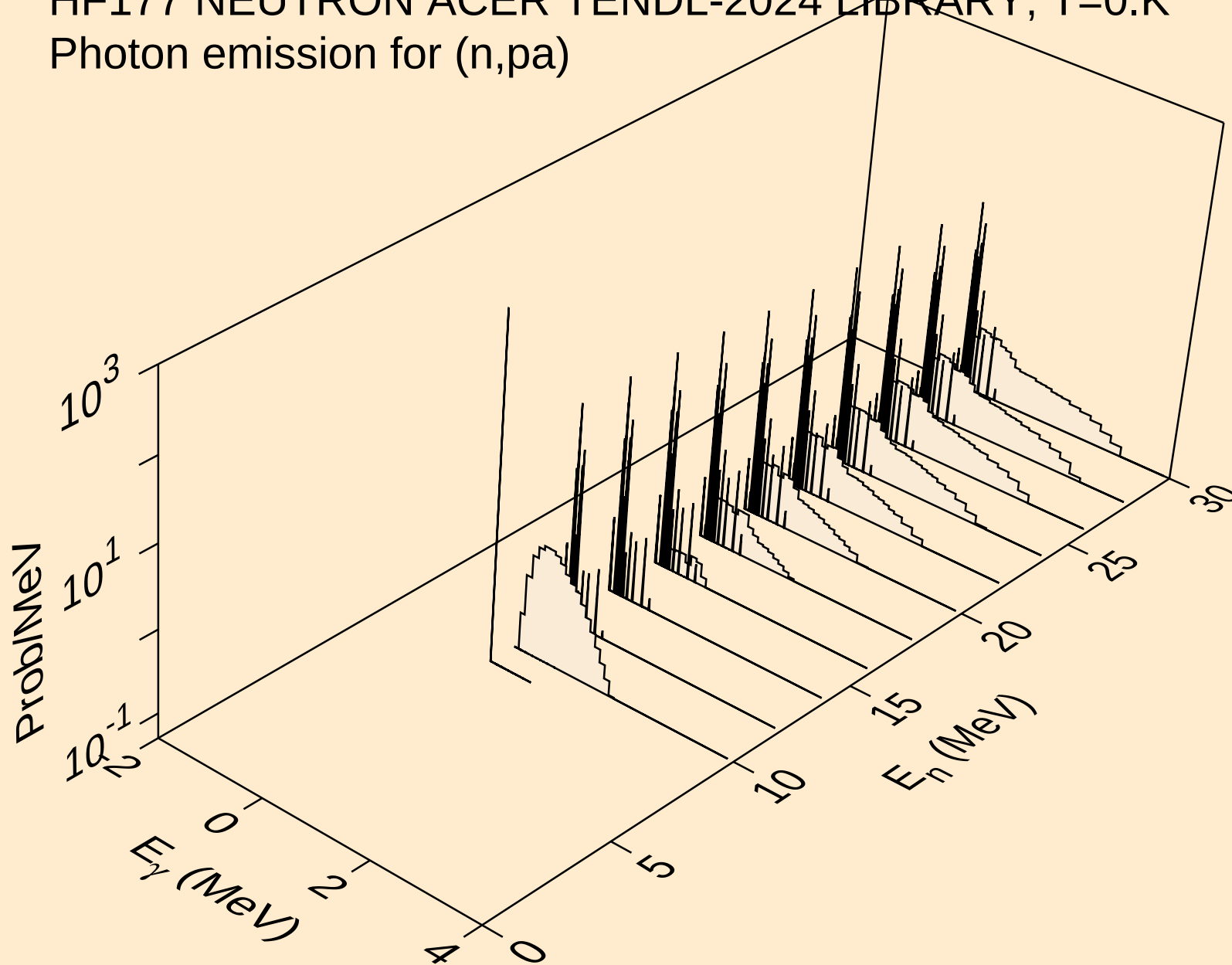
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



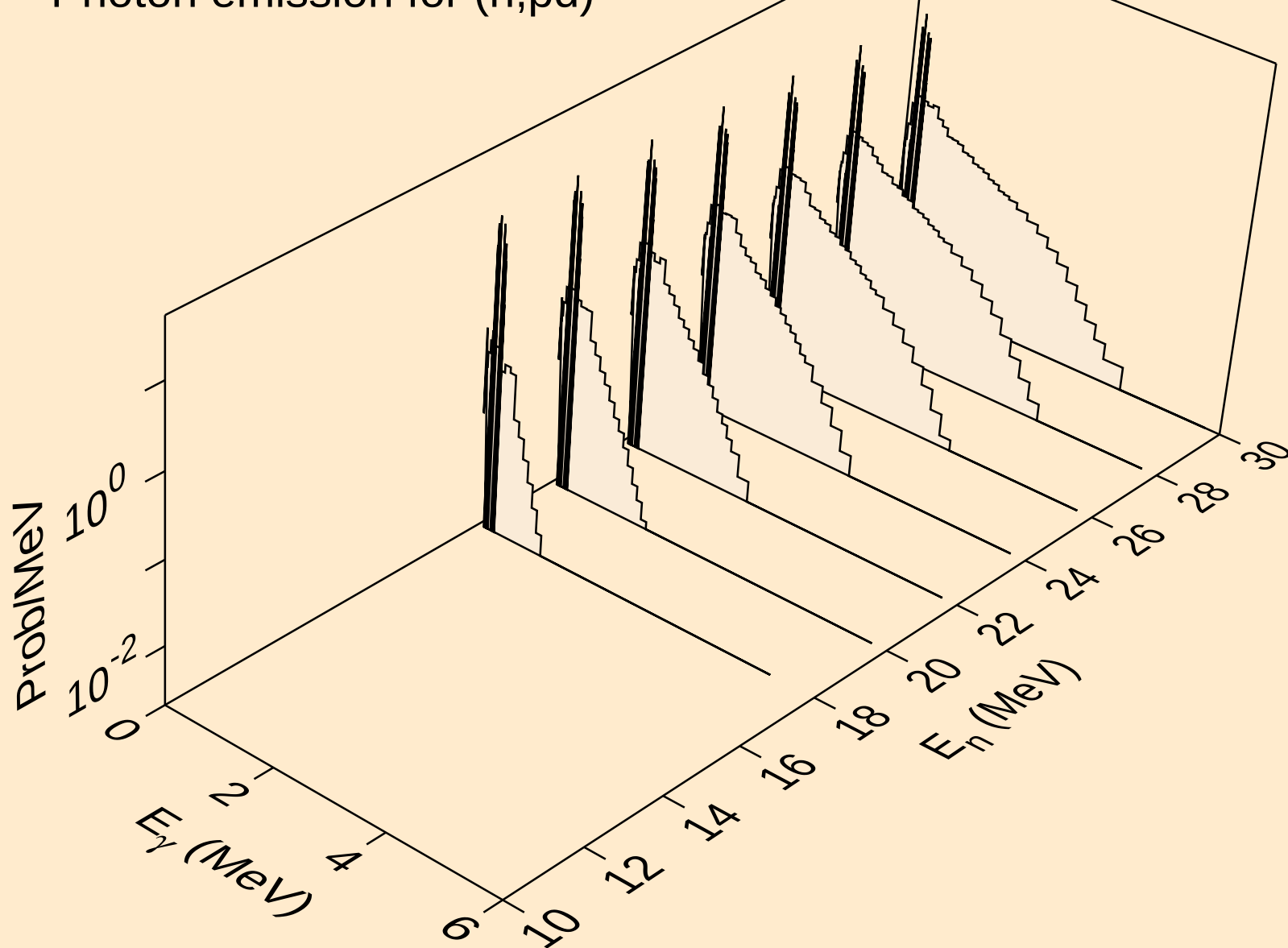
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)

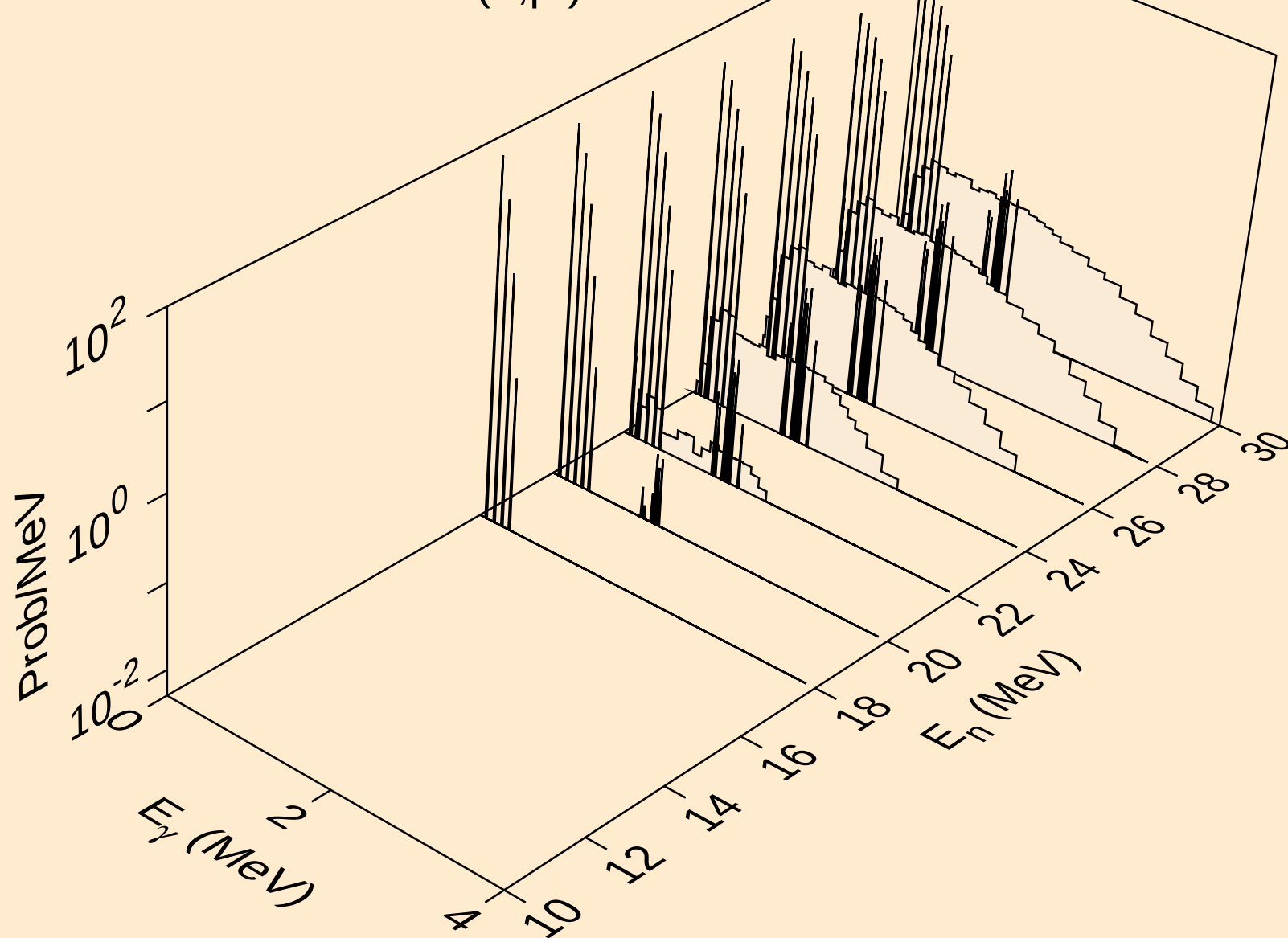


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

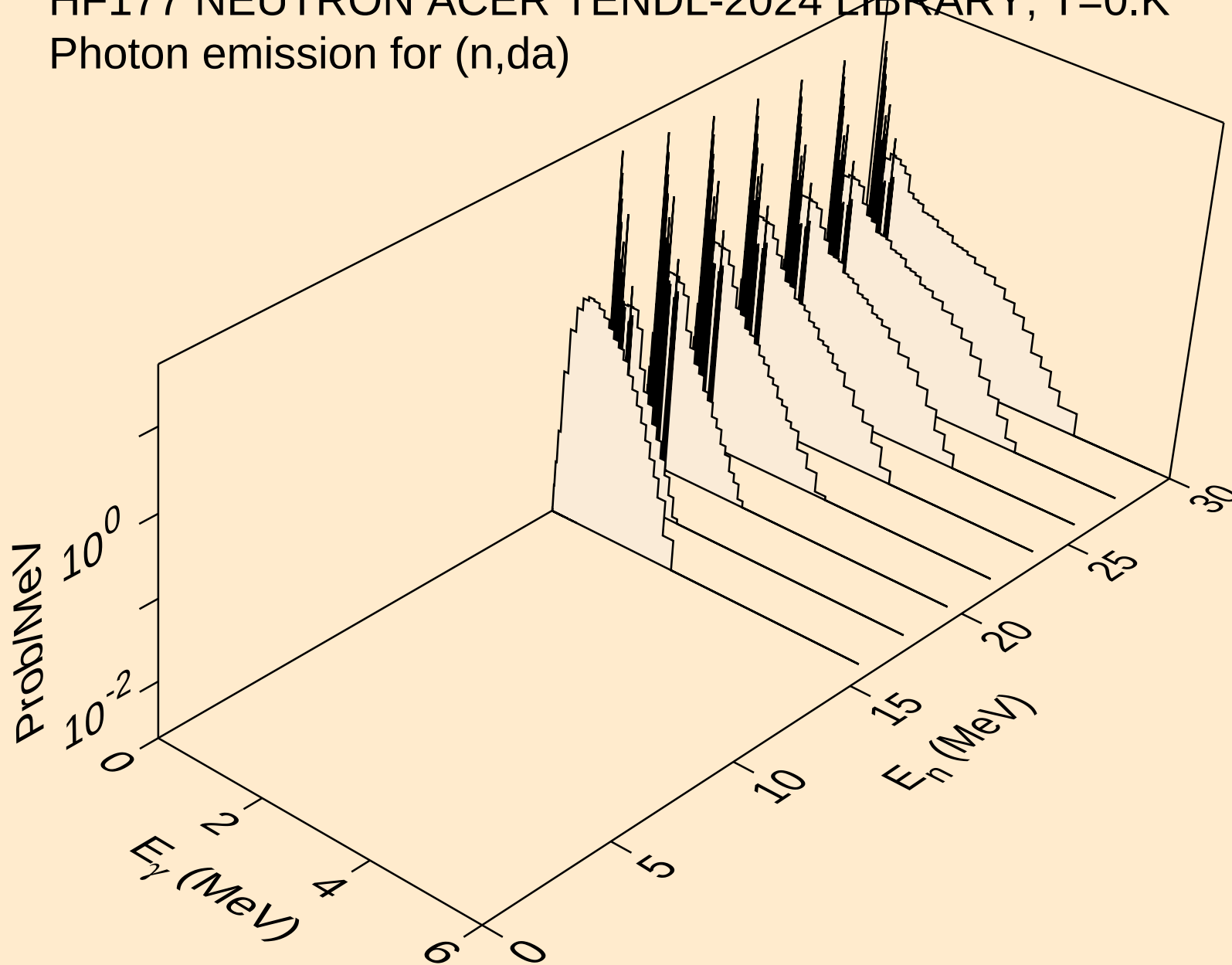


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

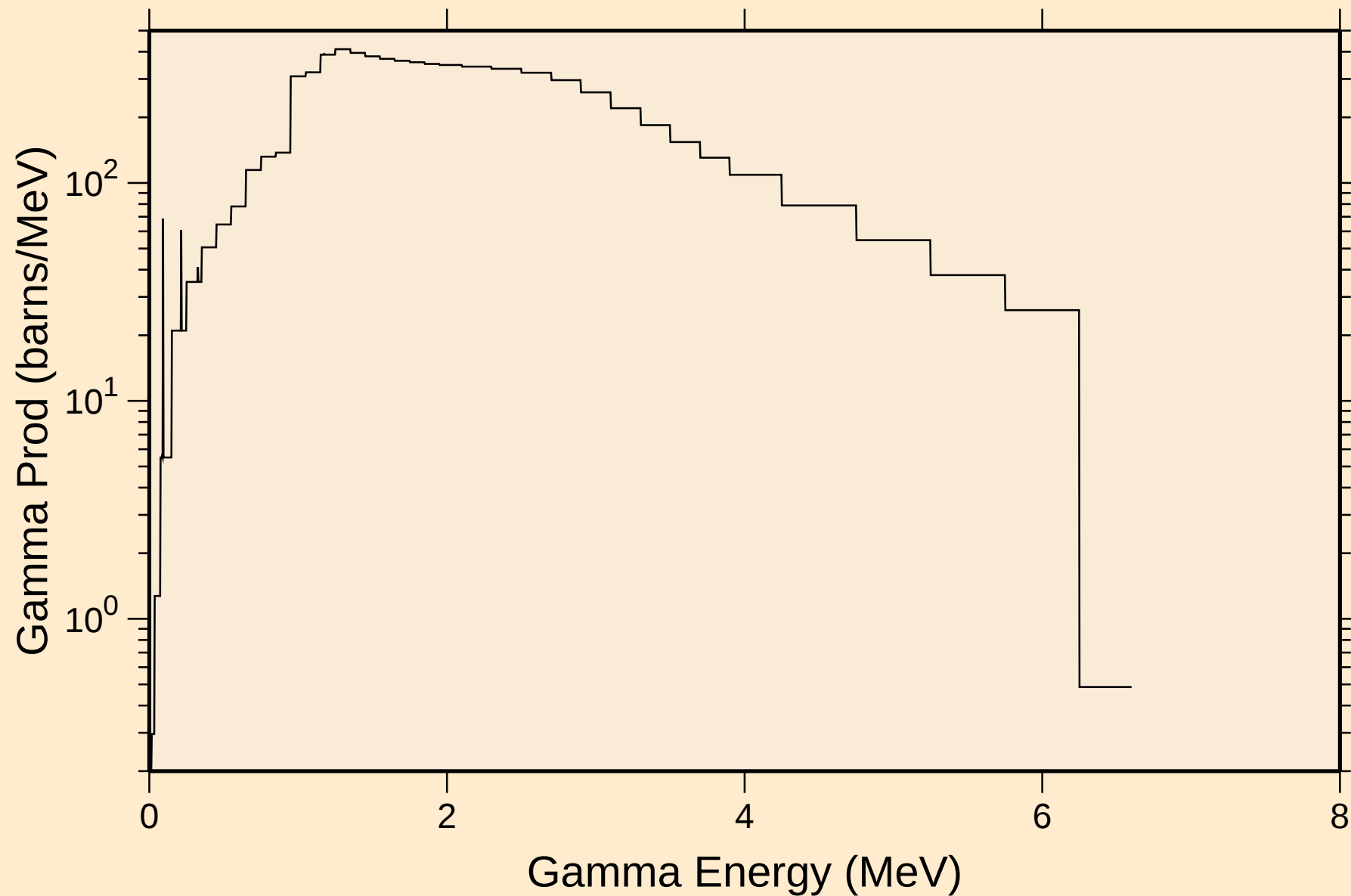
Photon emission for (n,pt)



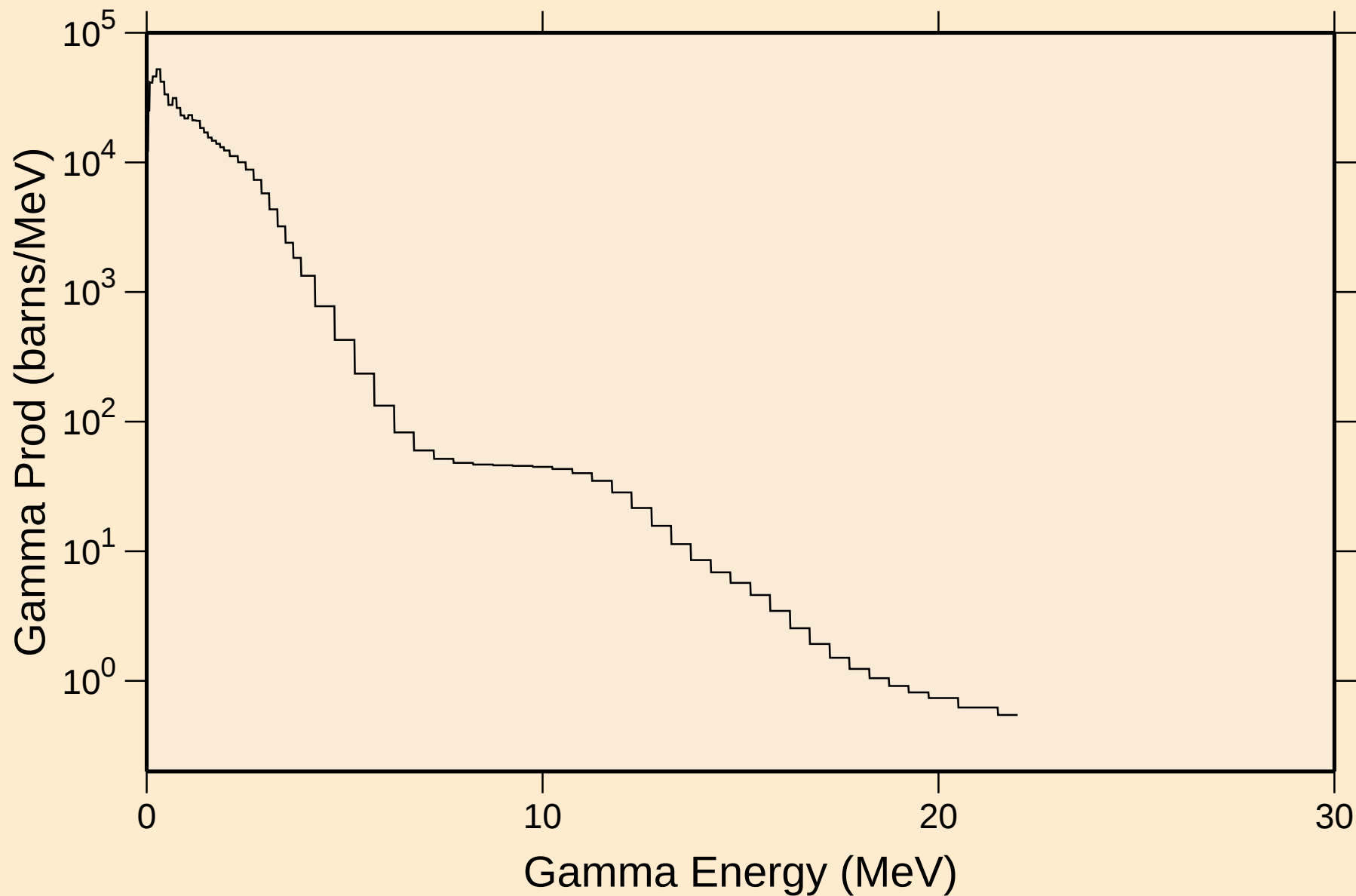
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

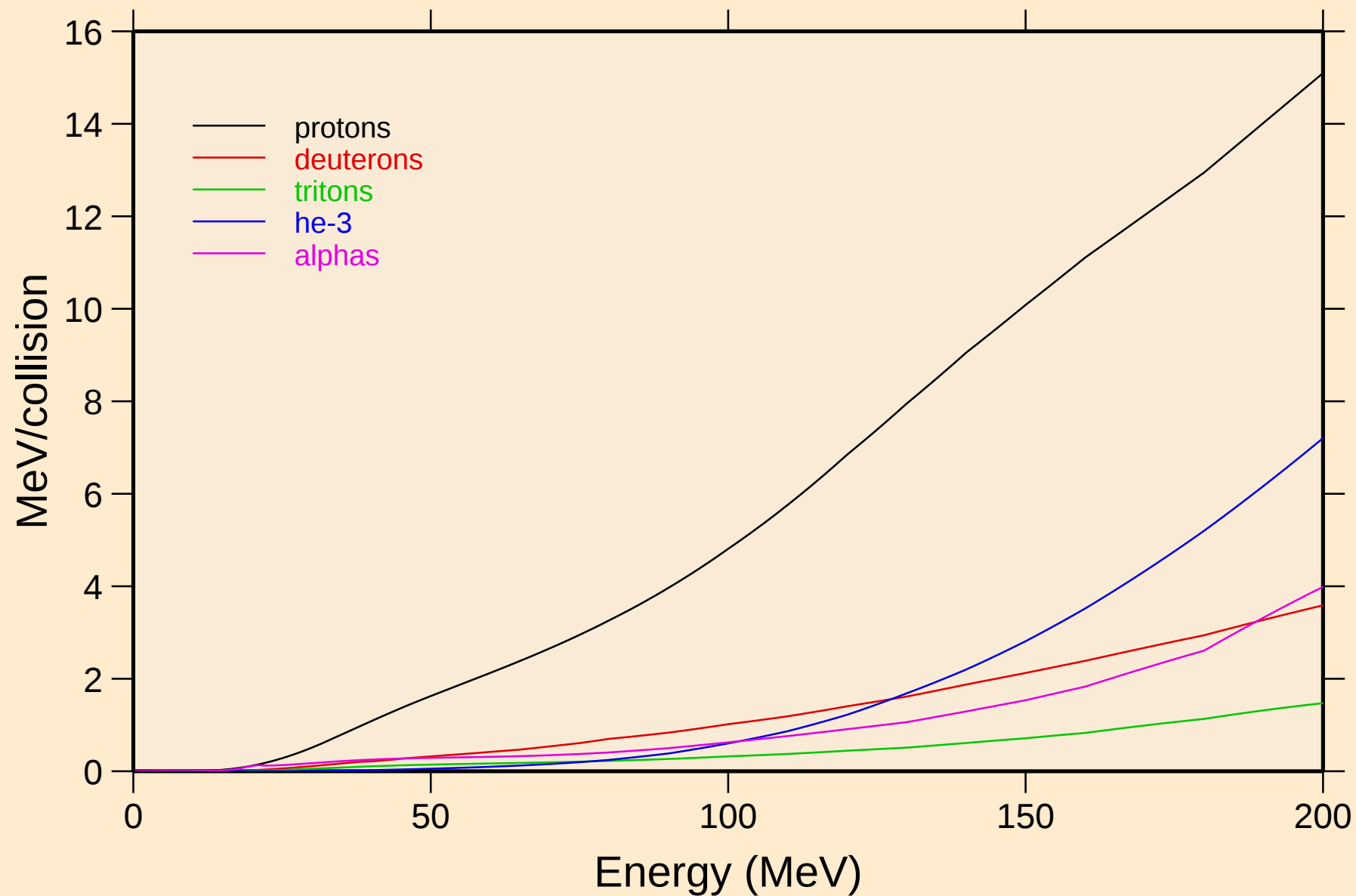


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



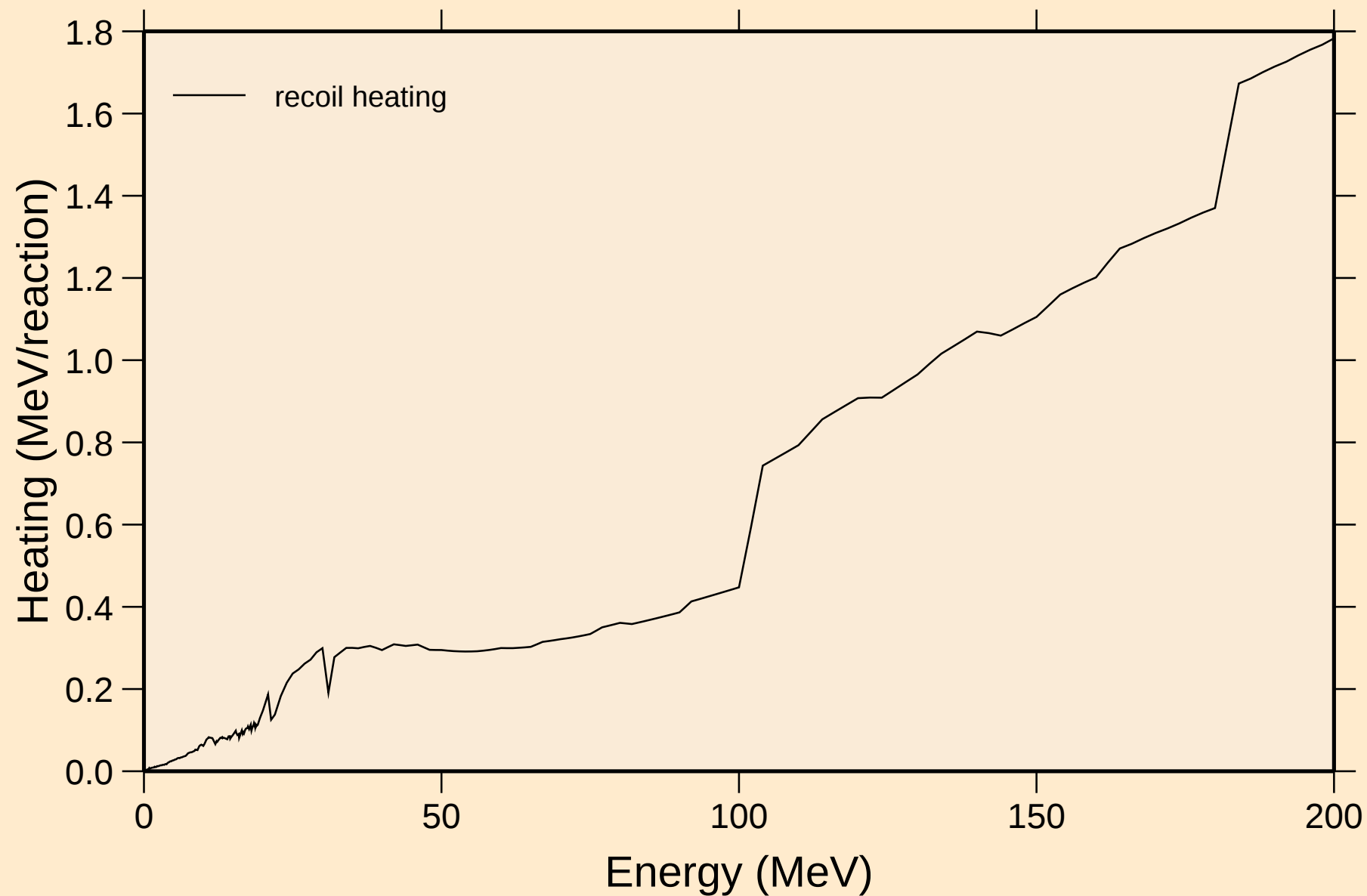
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



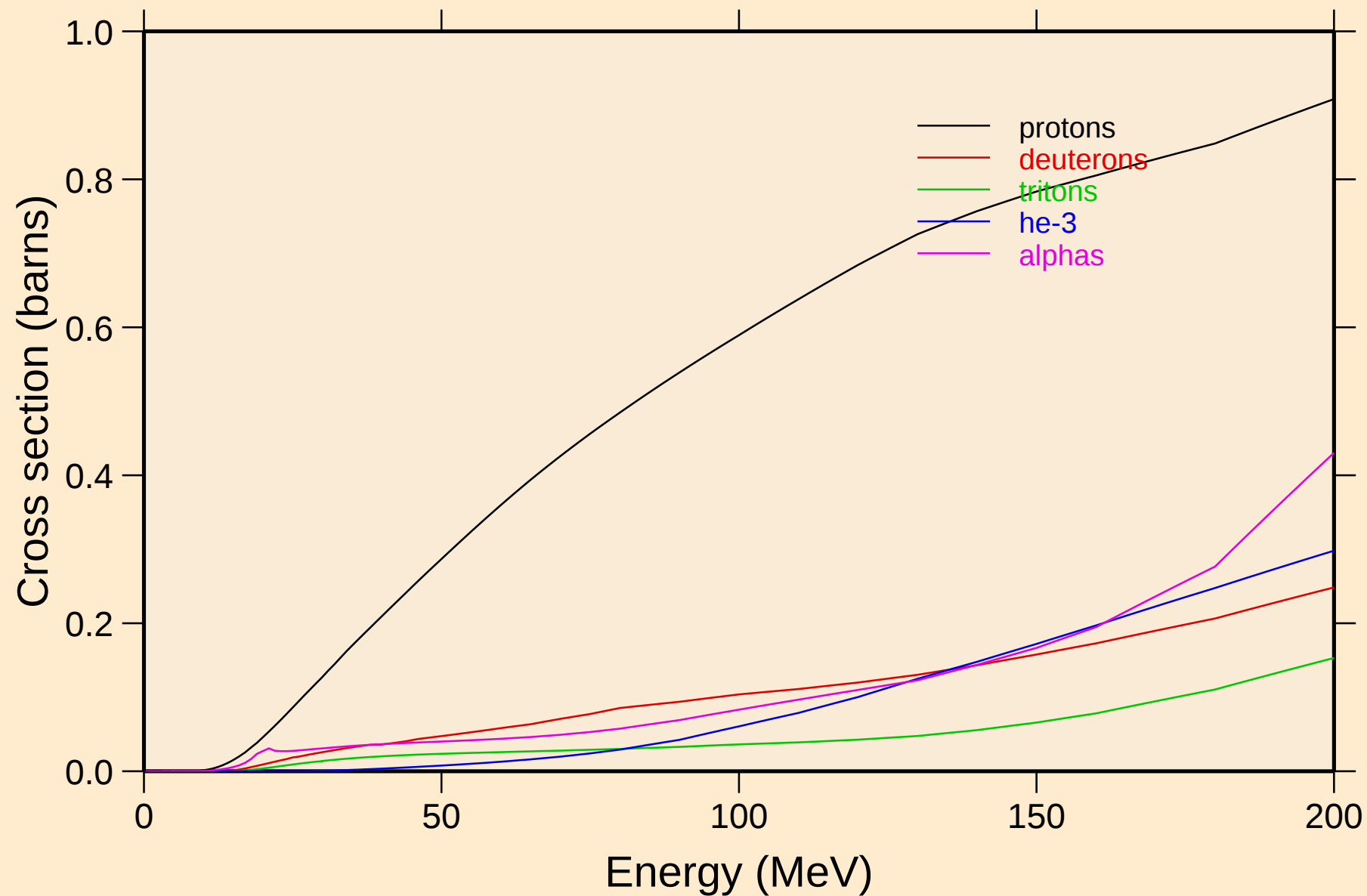
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

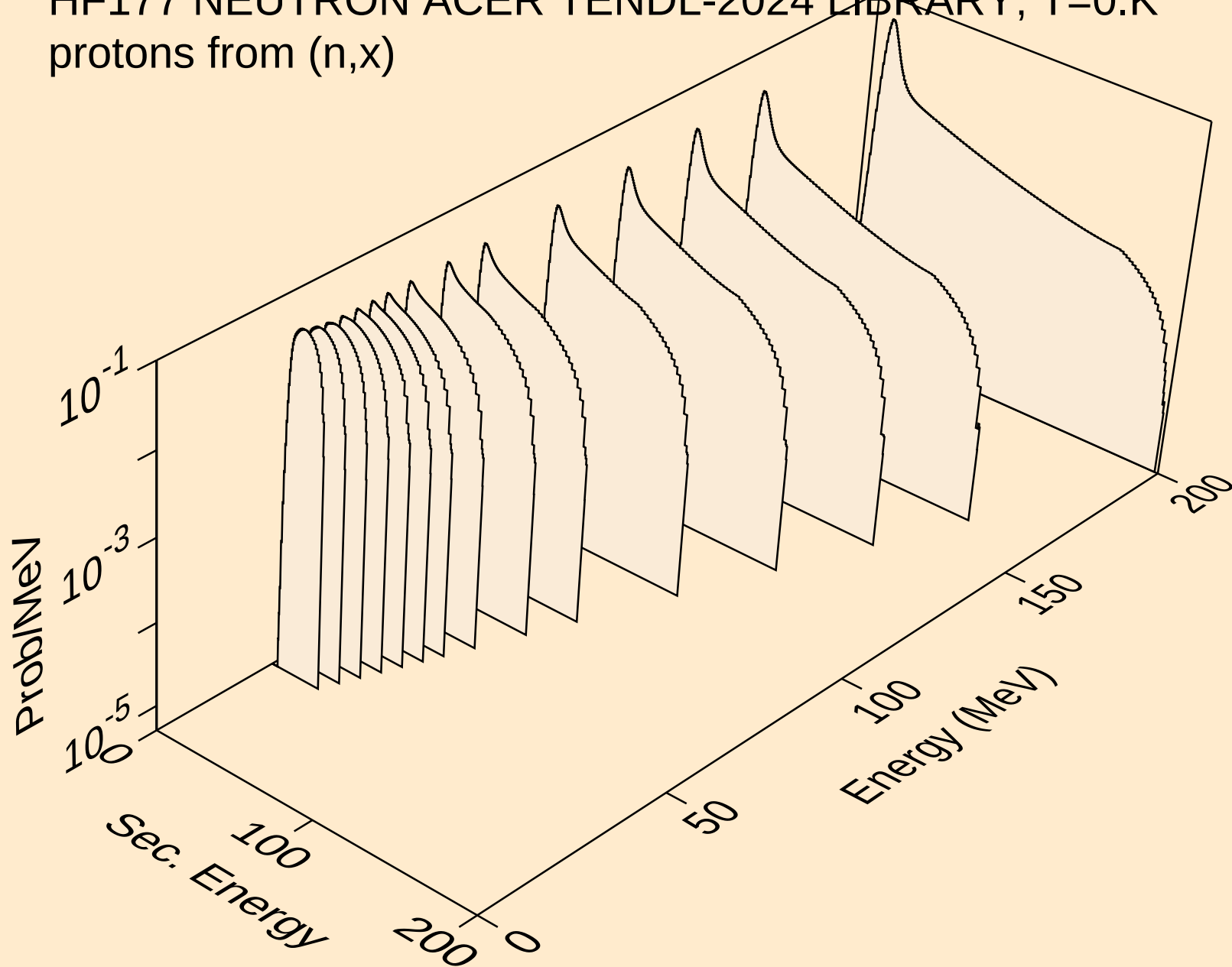


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

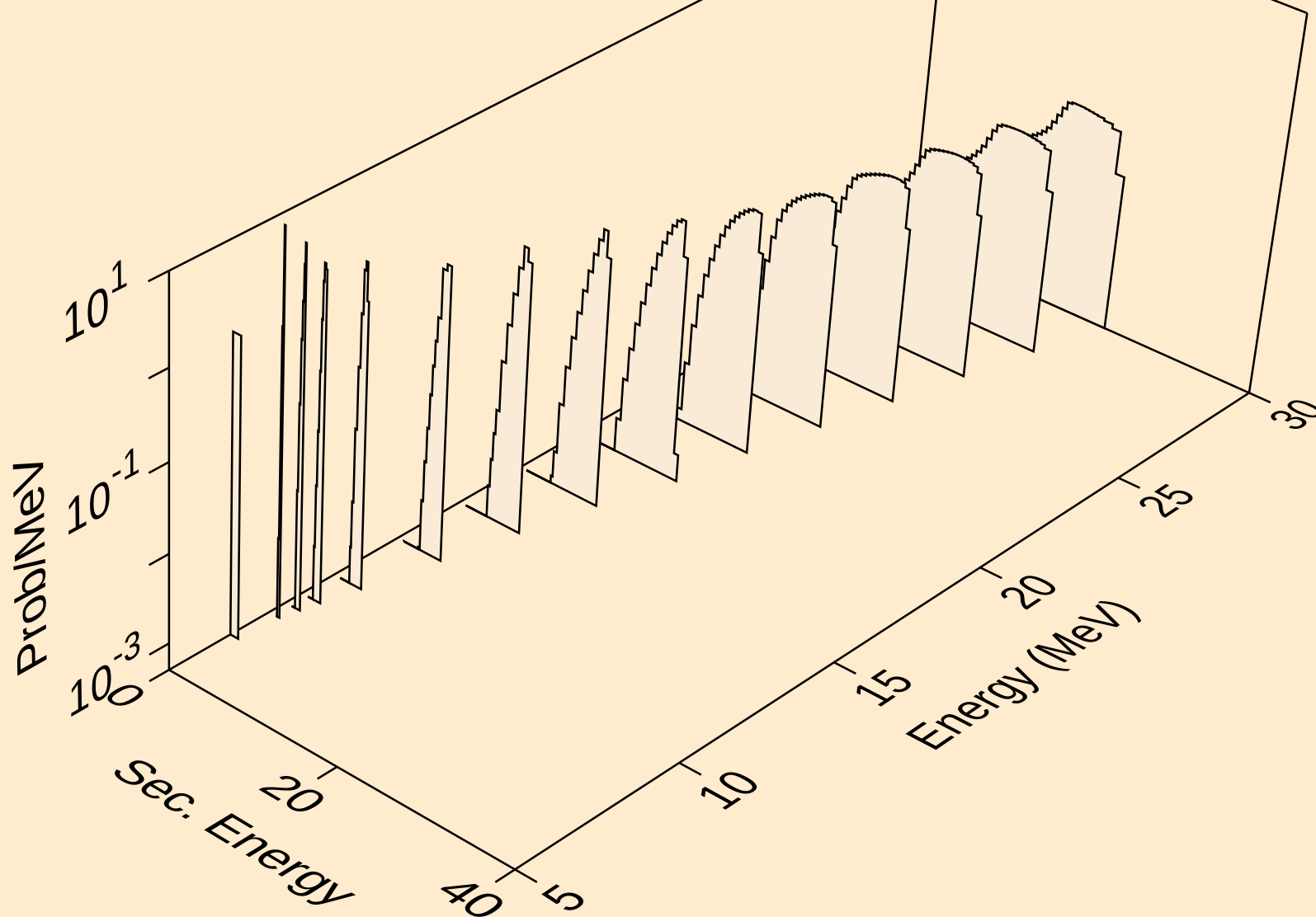
Particle production cross sections



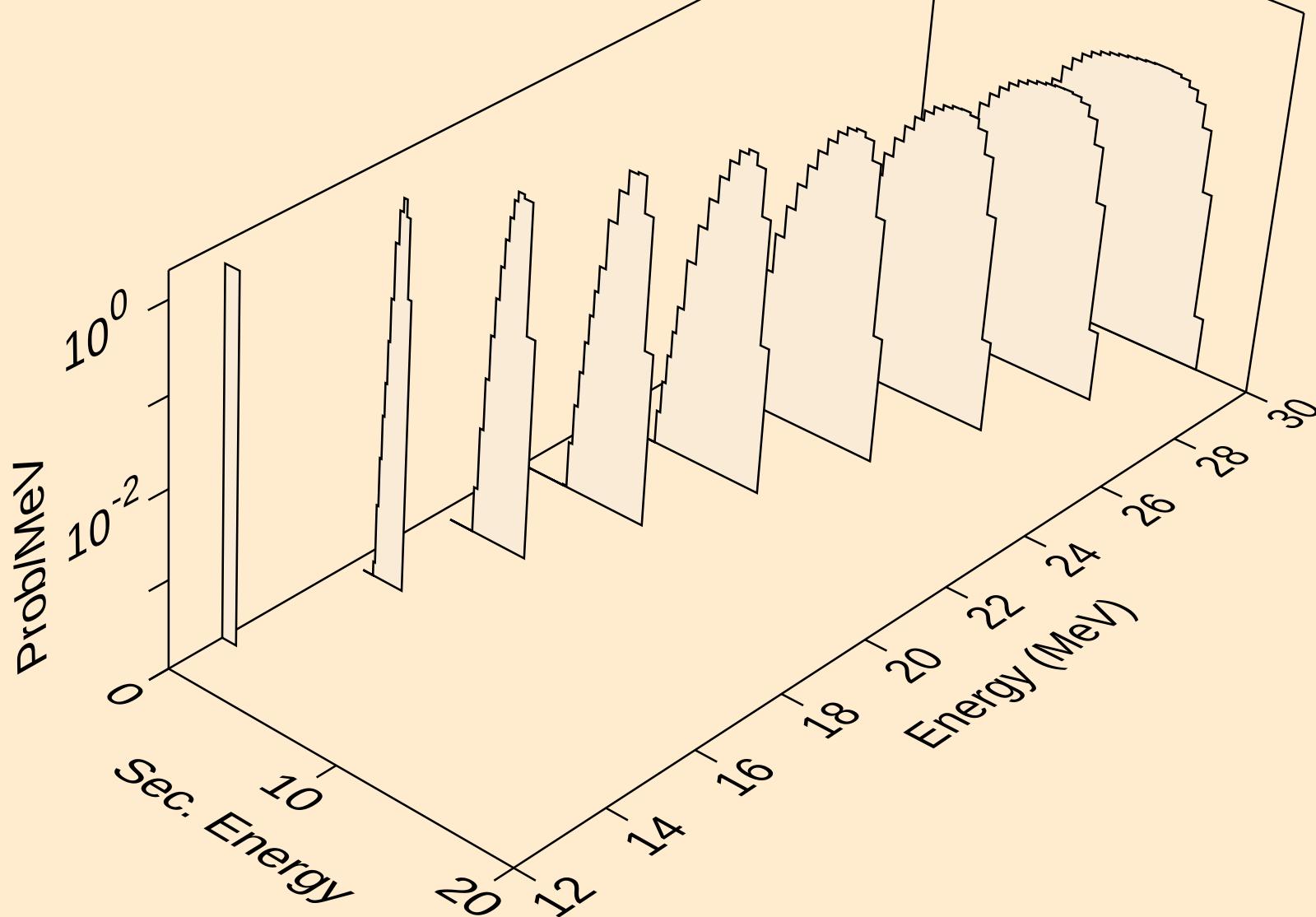
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



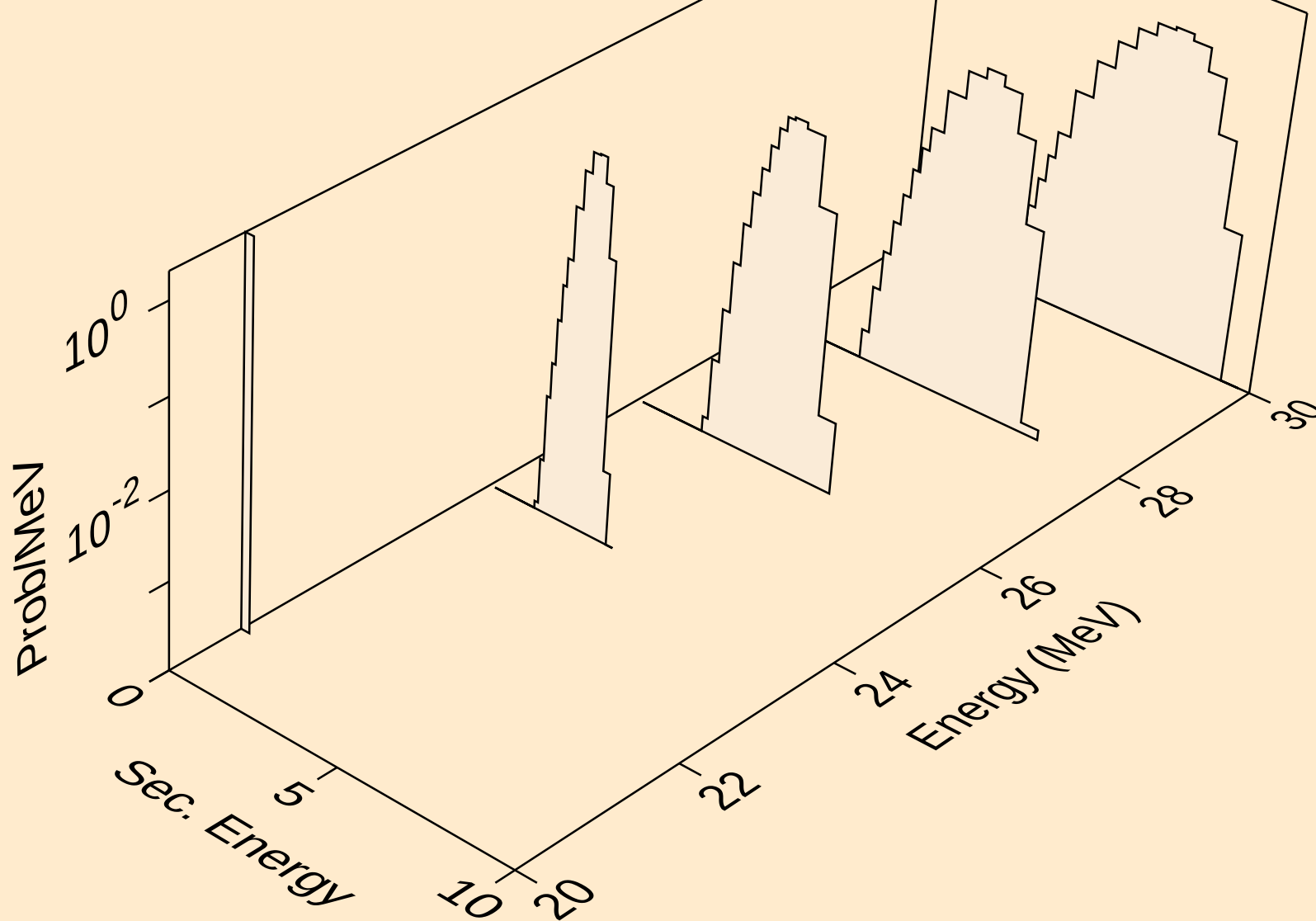
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



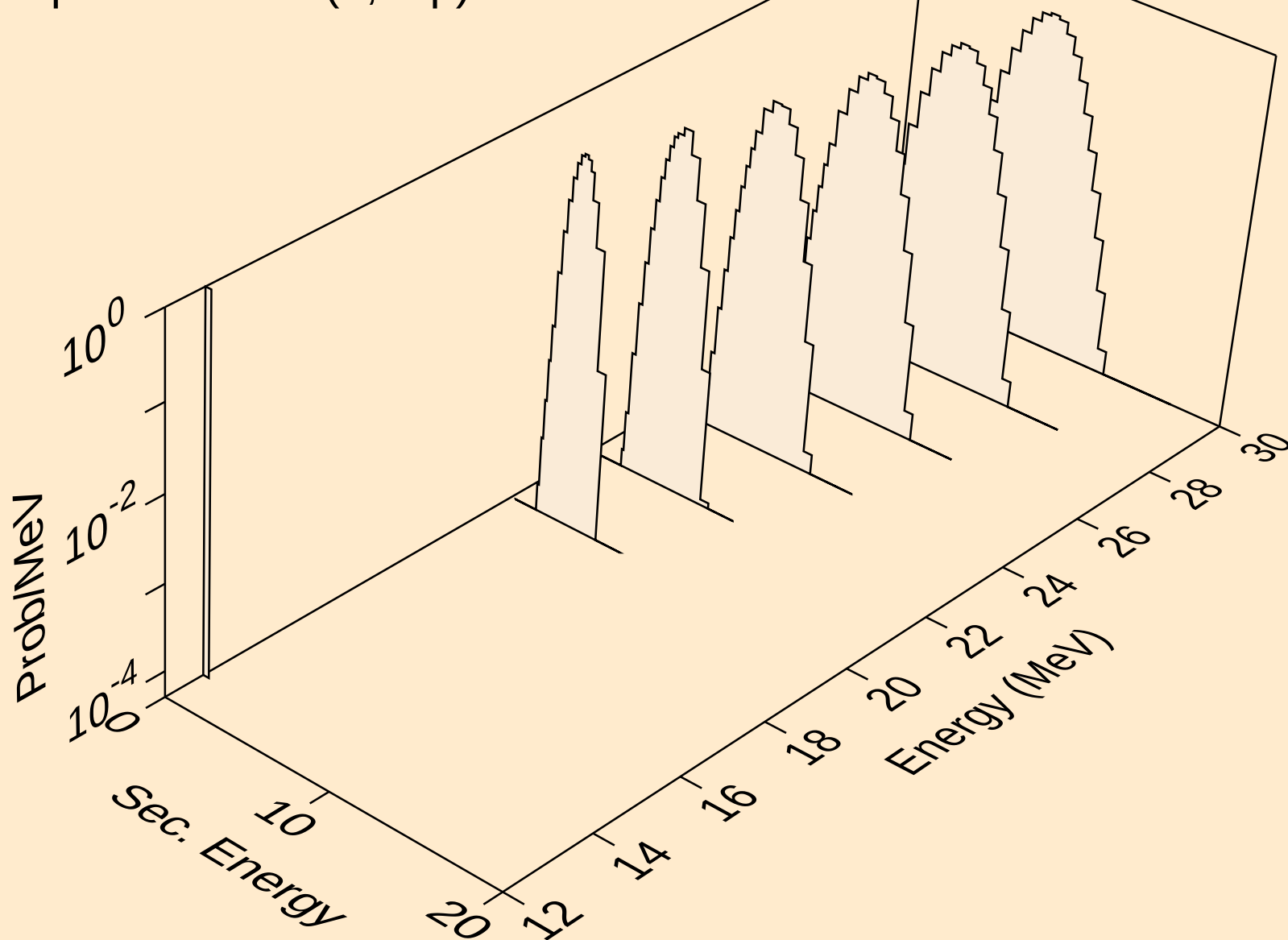
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



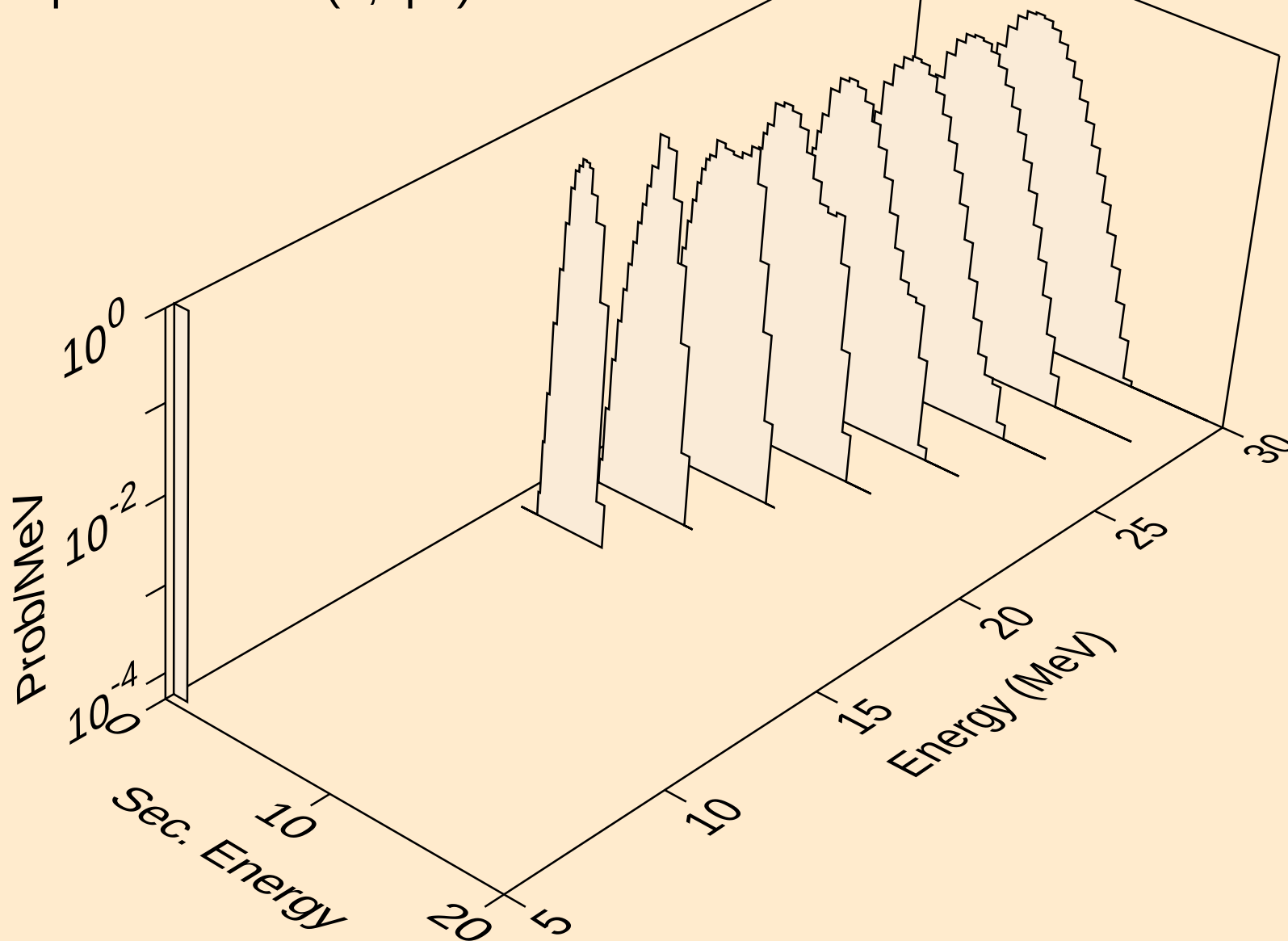
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



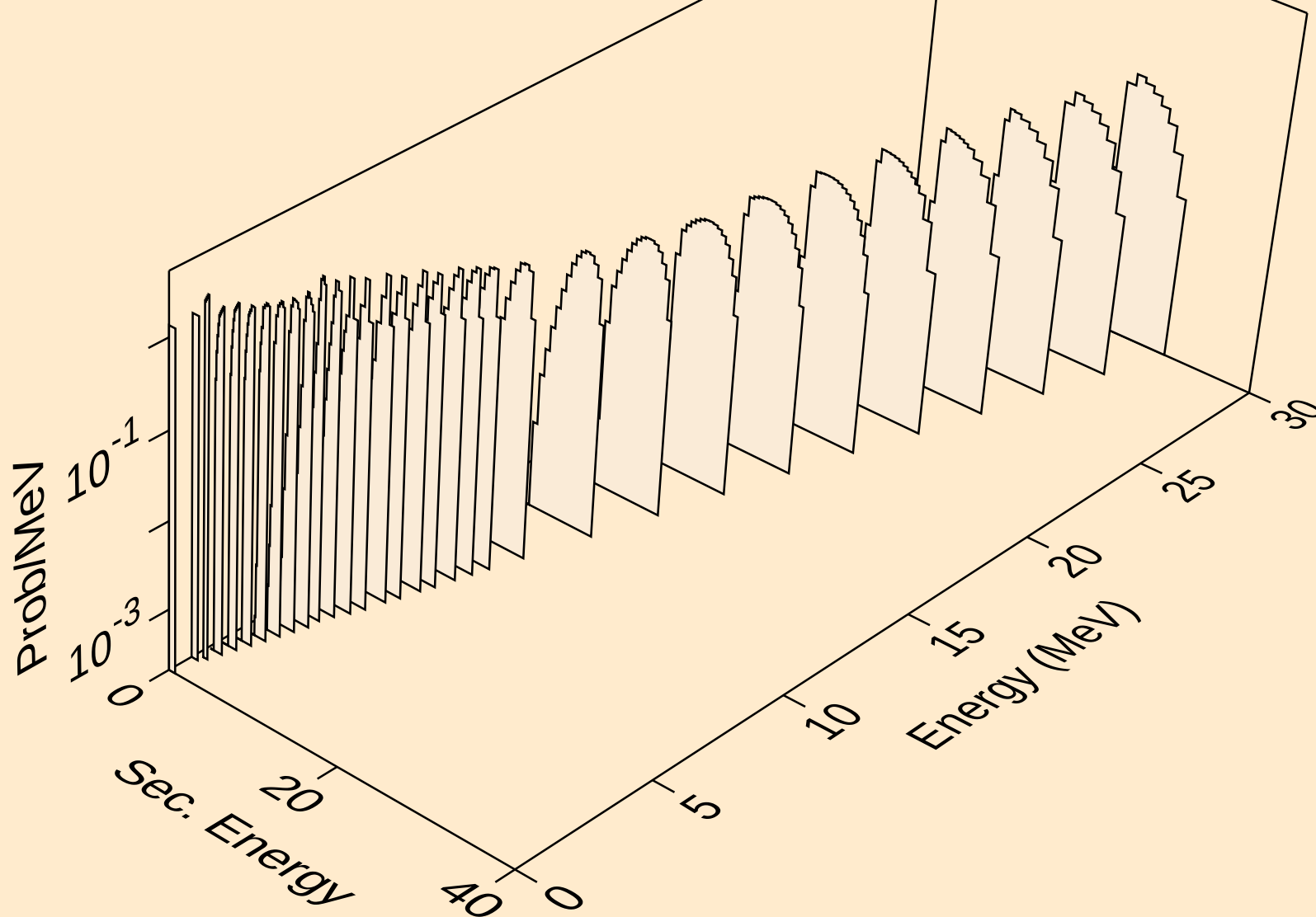
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)

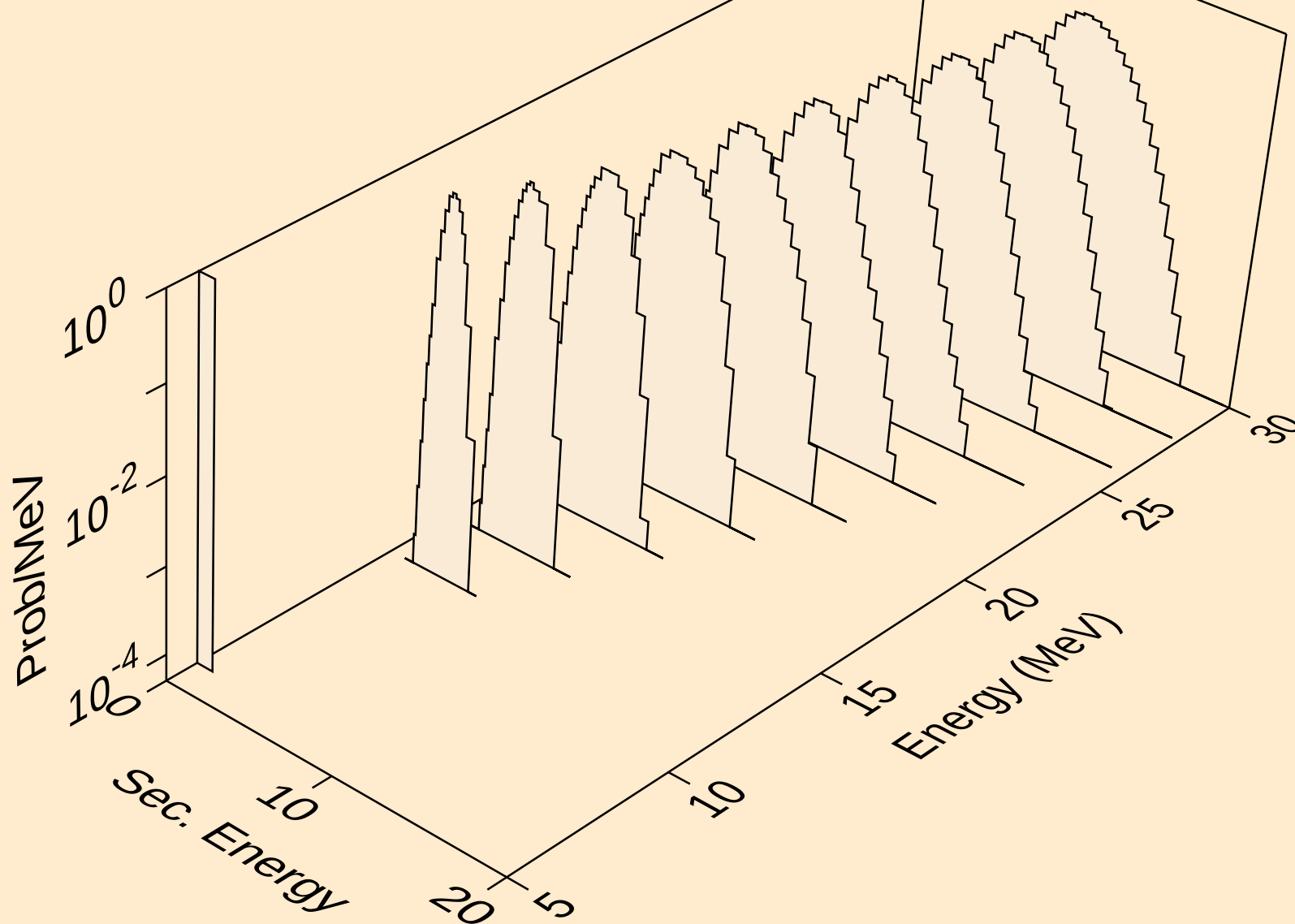


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)

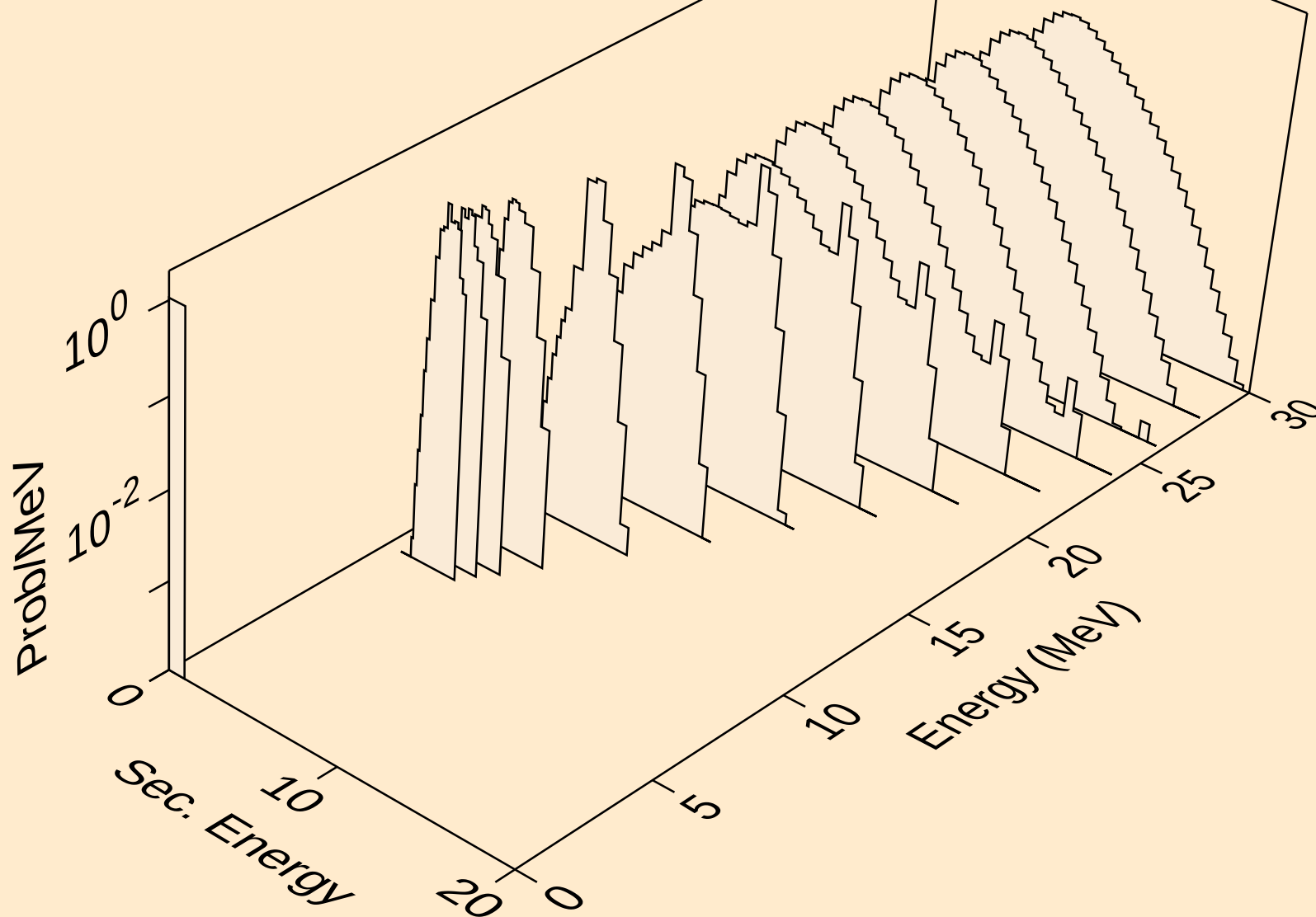


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

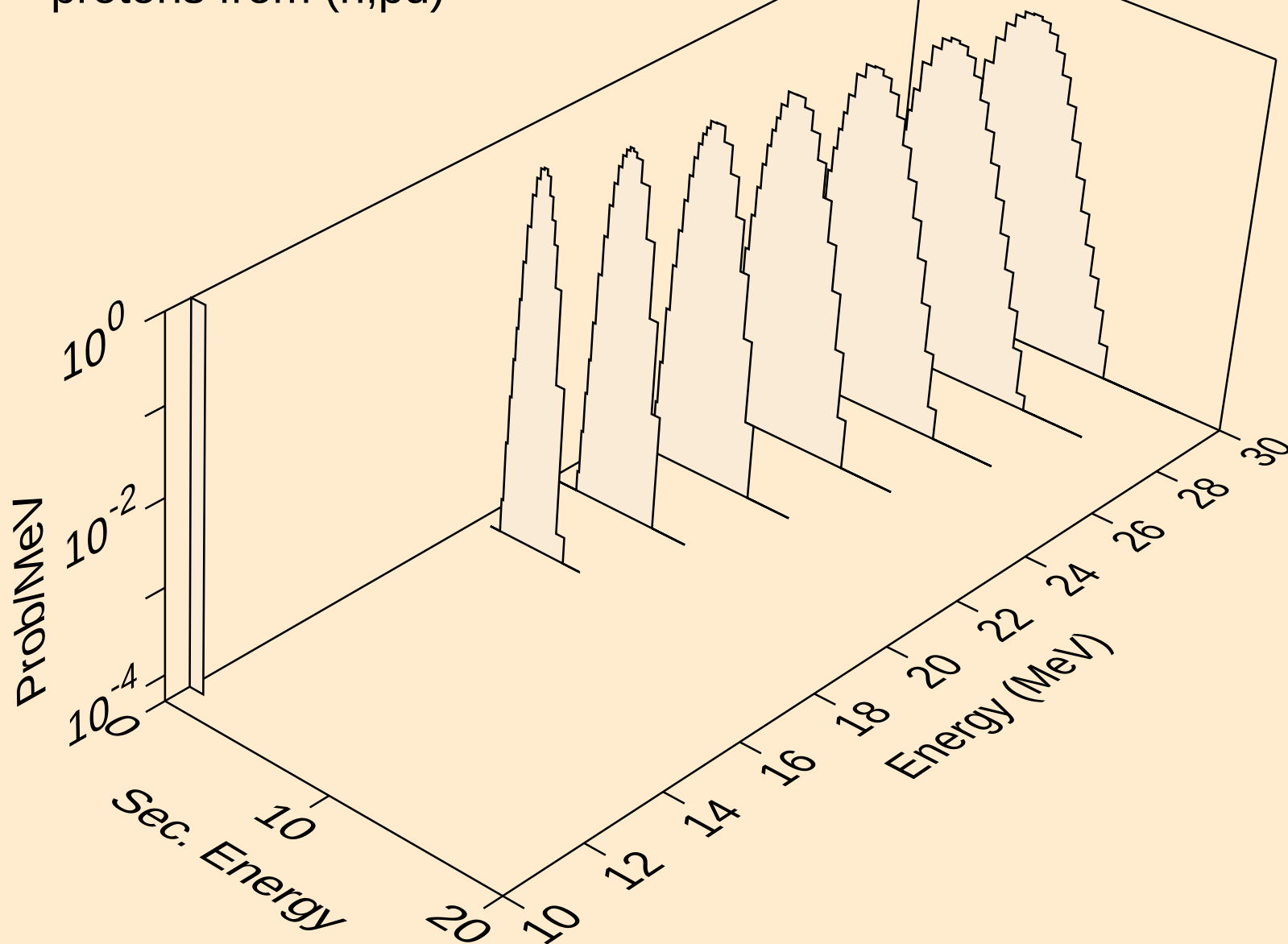
protons from (n,2p)



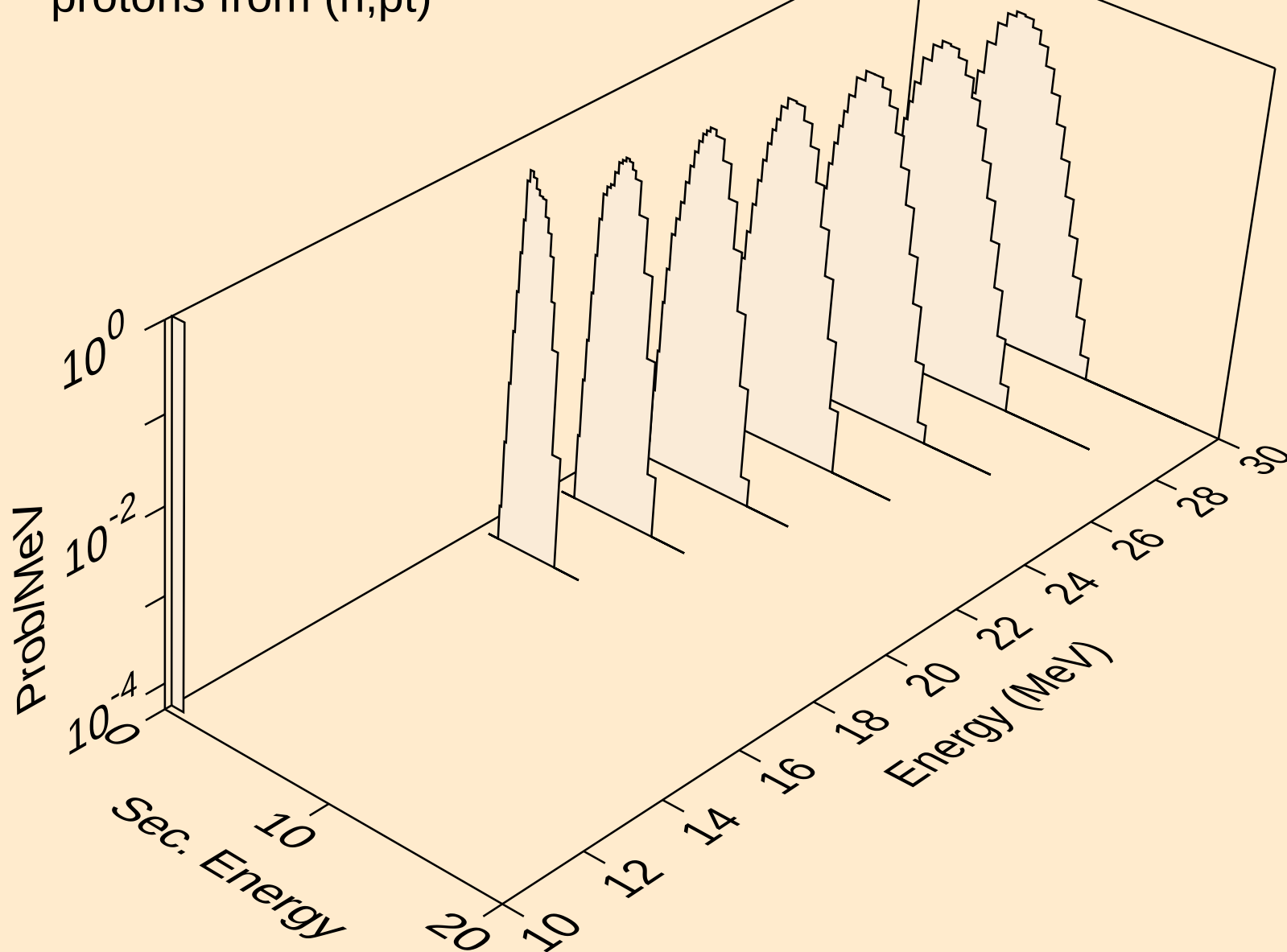
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



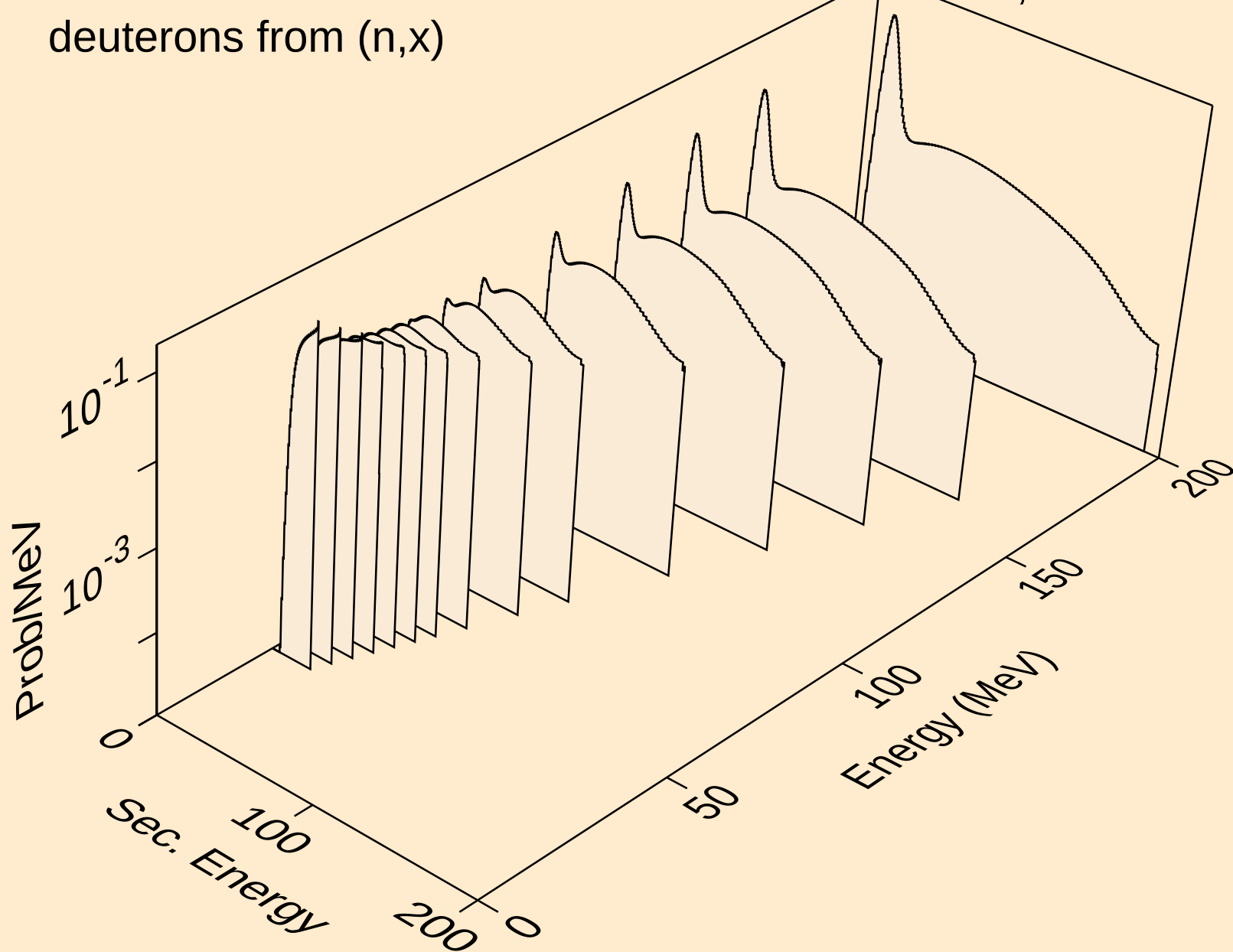
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



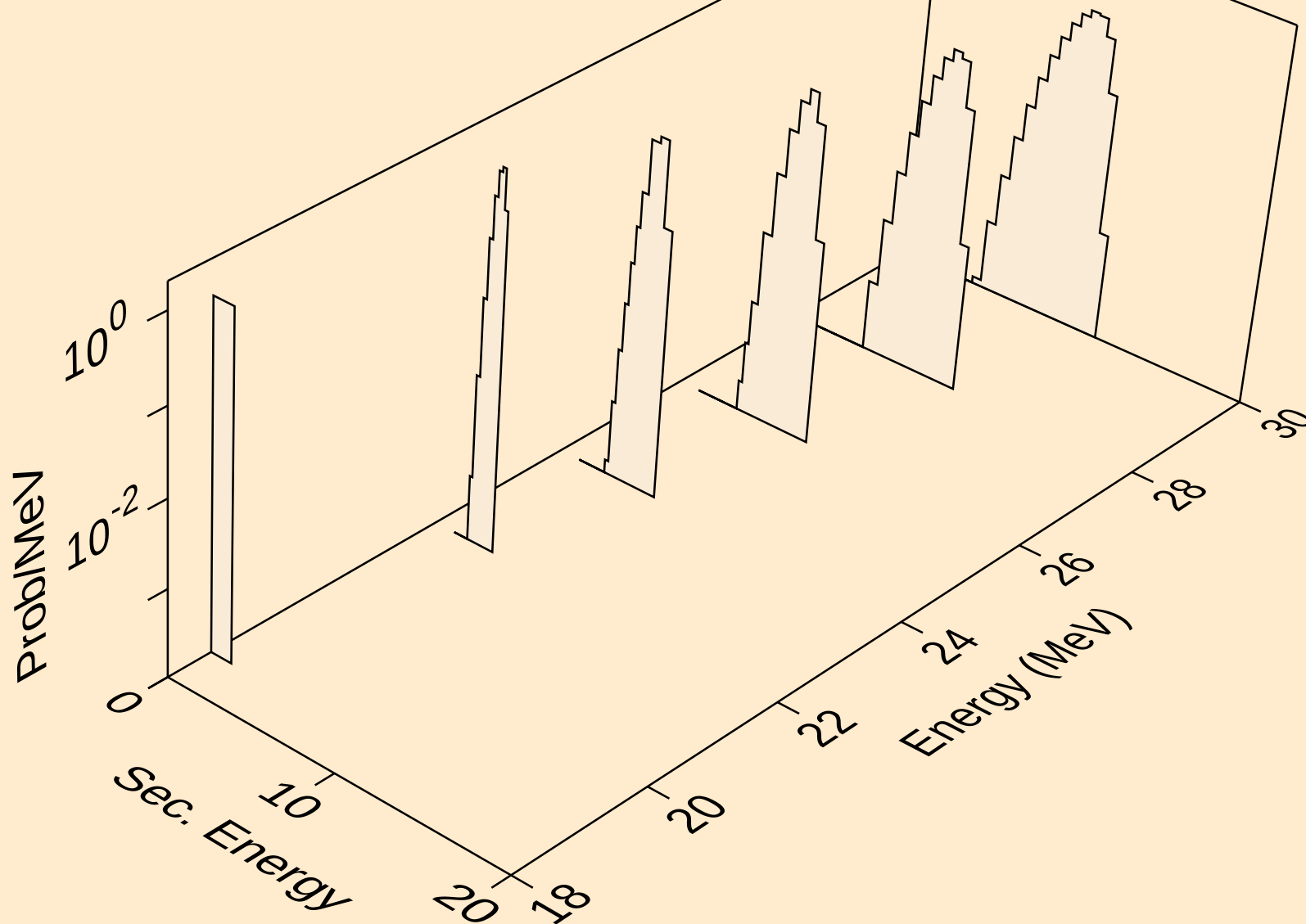
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



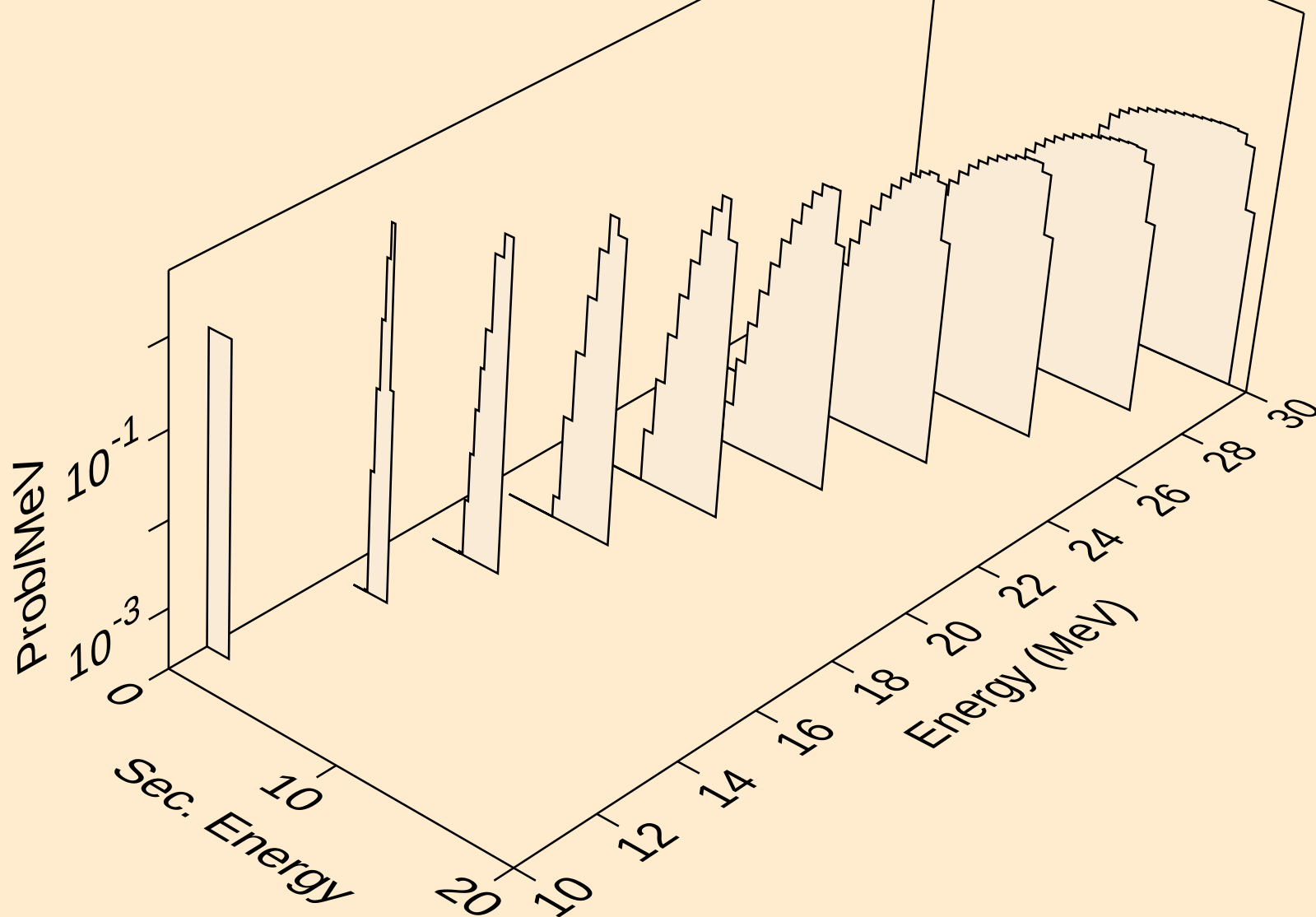
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



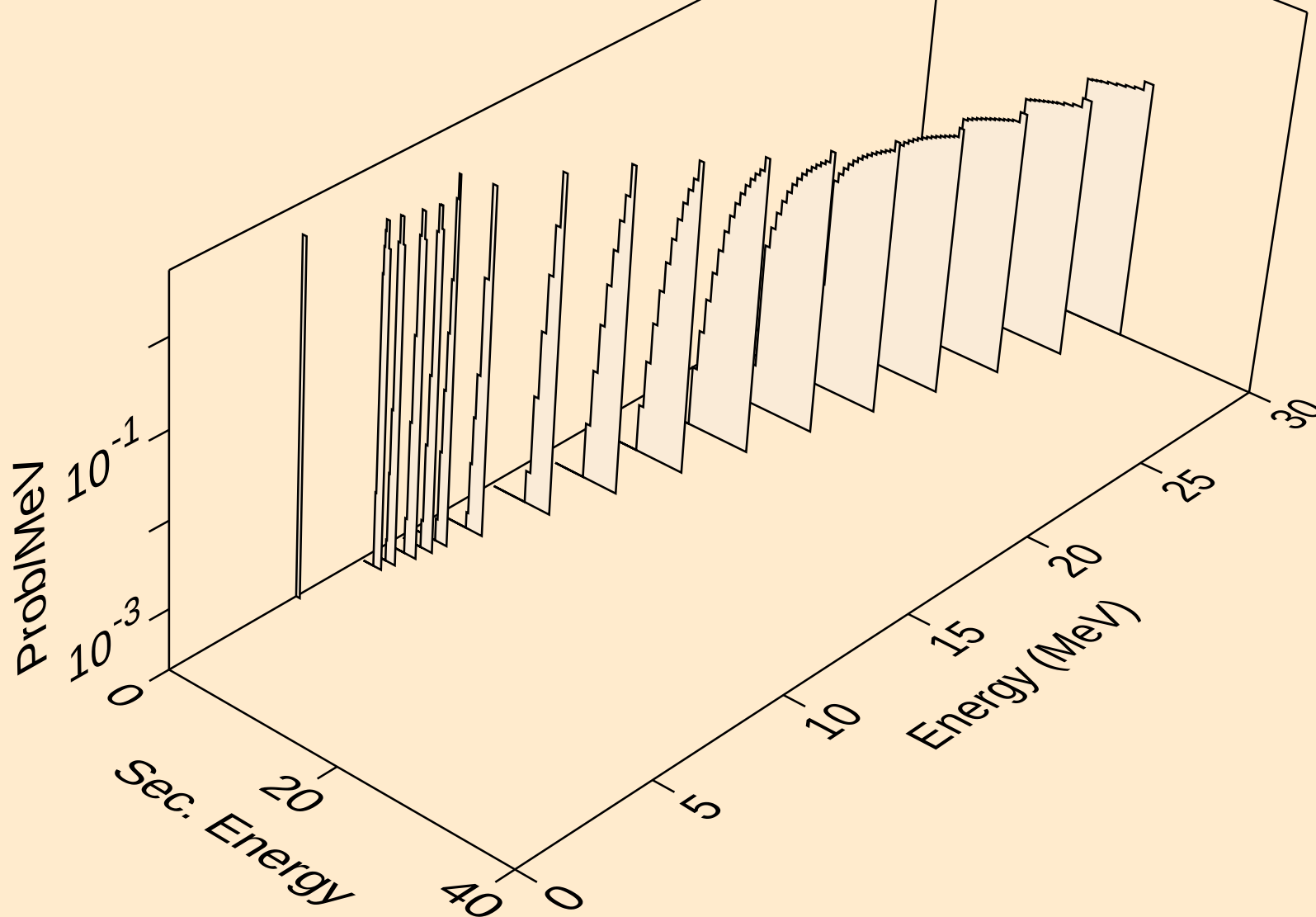
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d

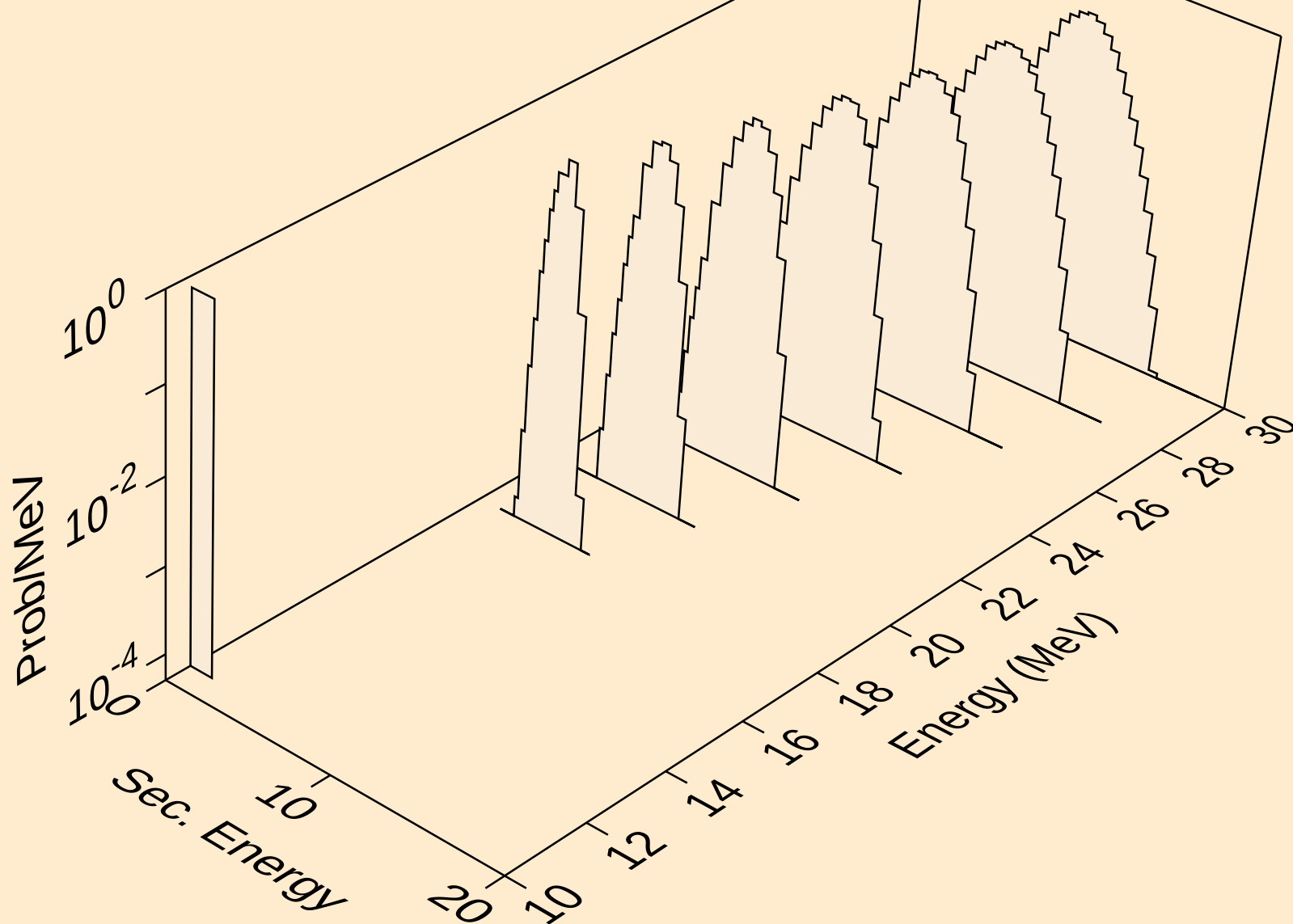


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



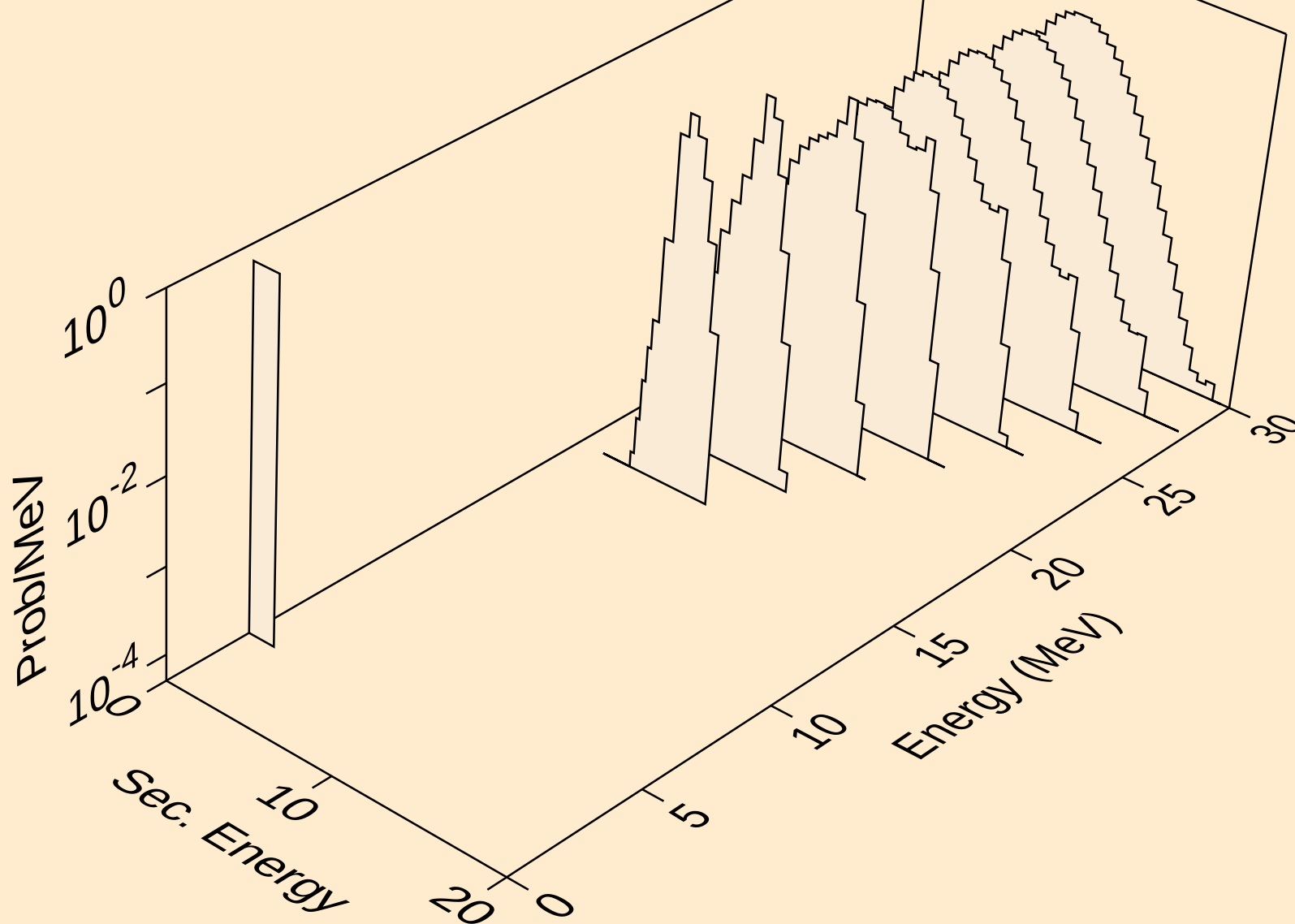
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

deuterons from (n,pd)

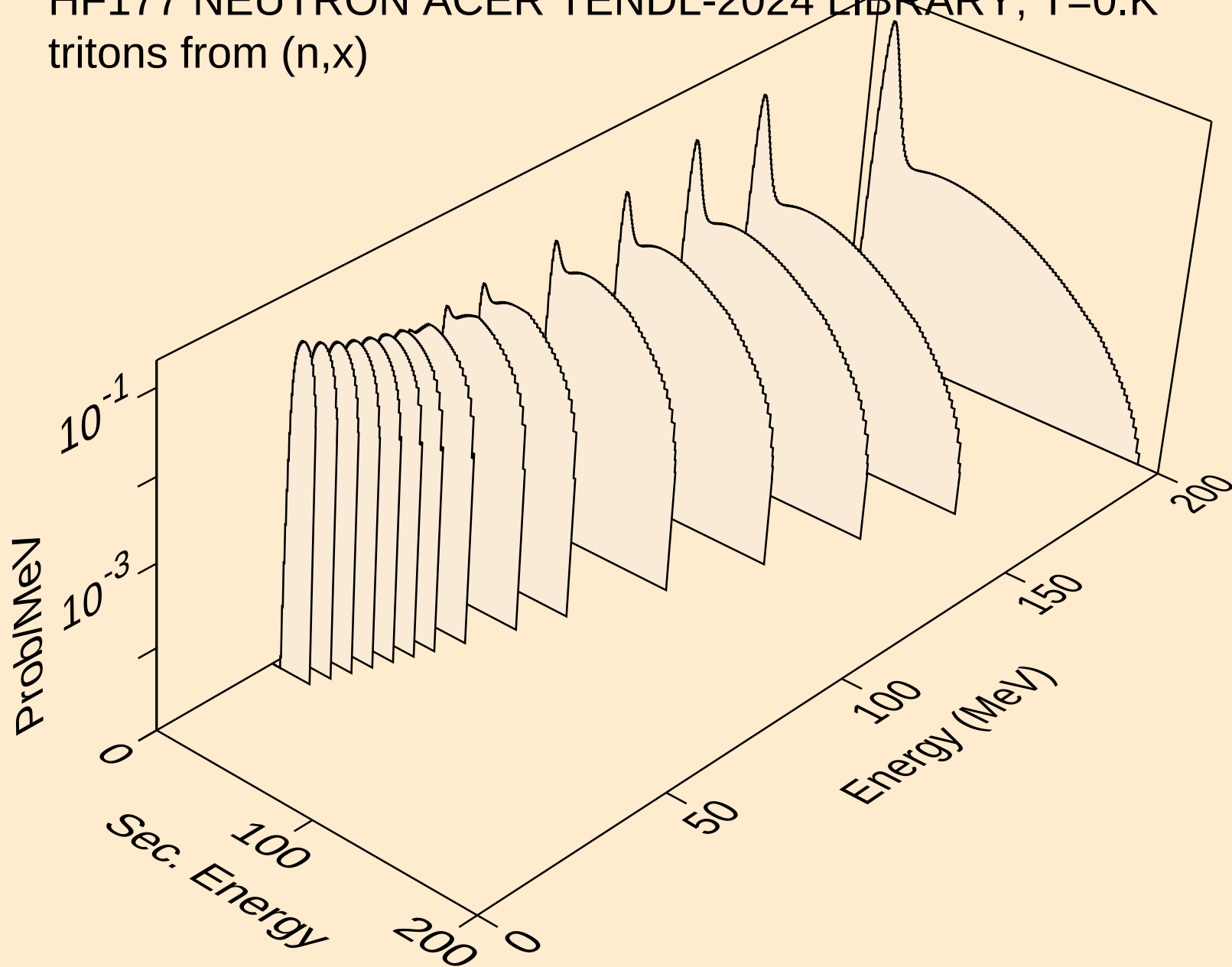


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

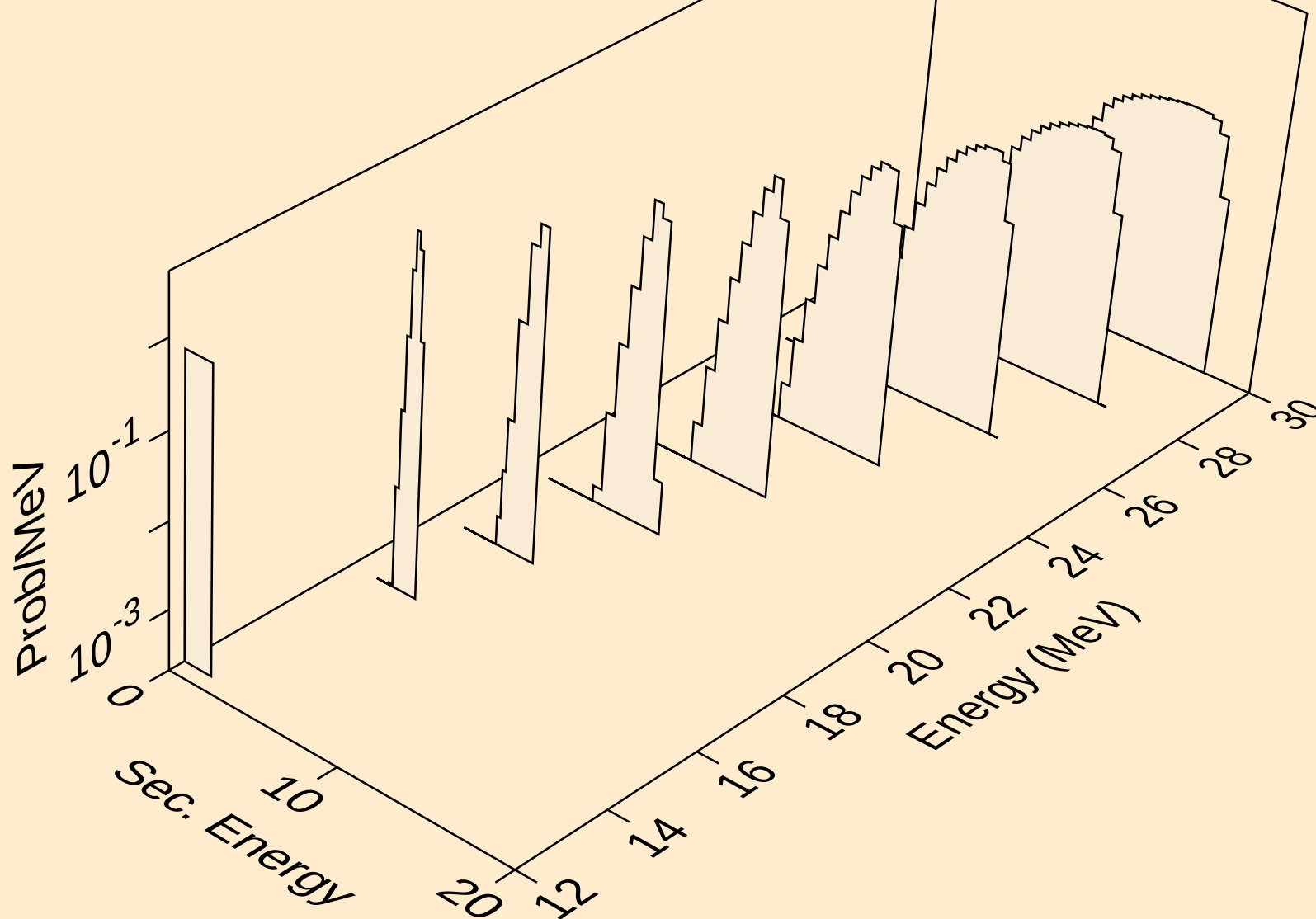
deuterons from (n,da)



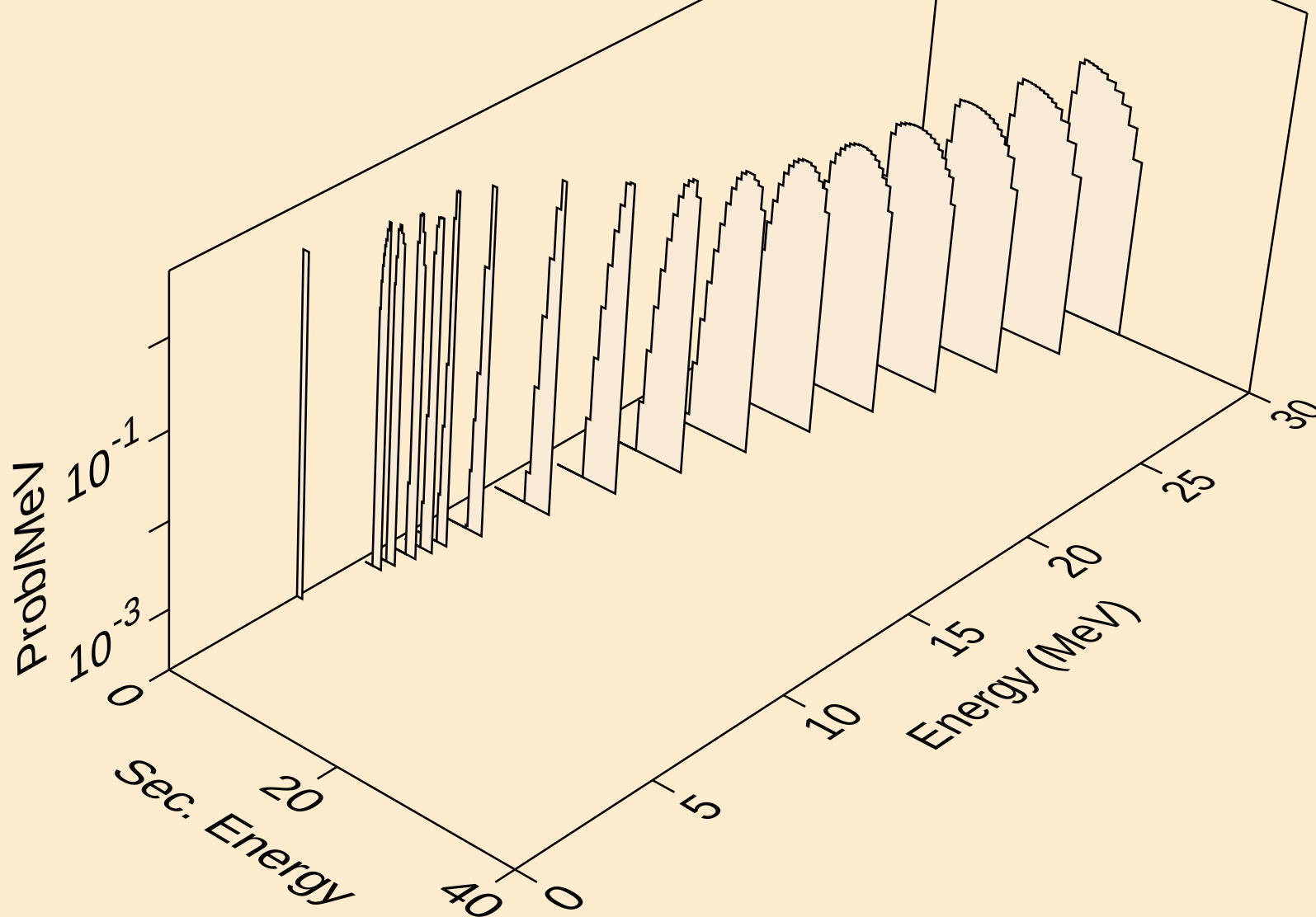
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



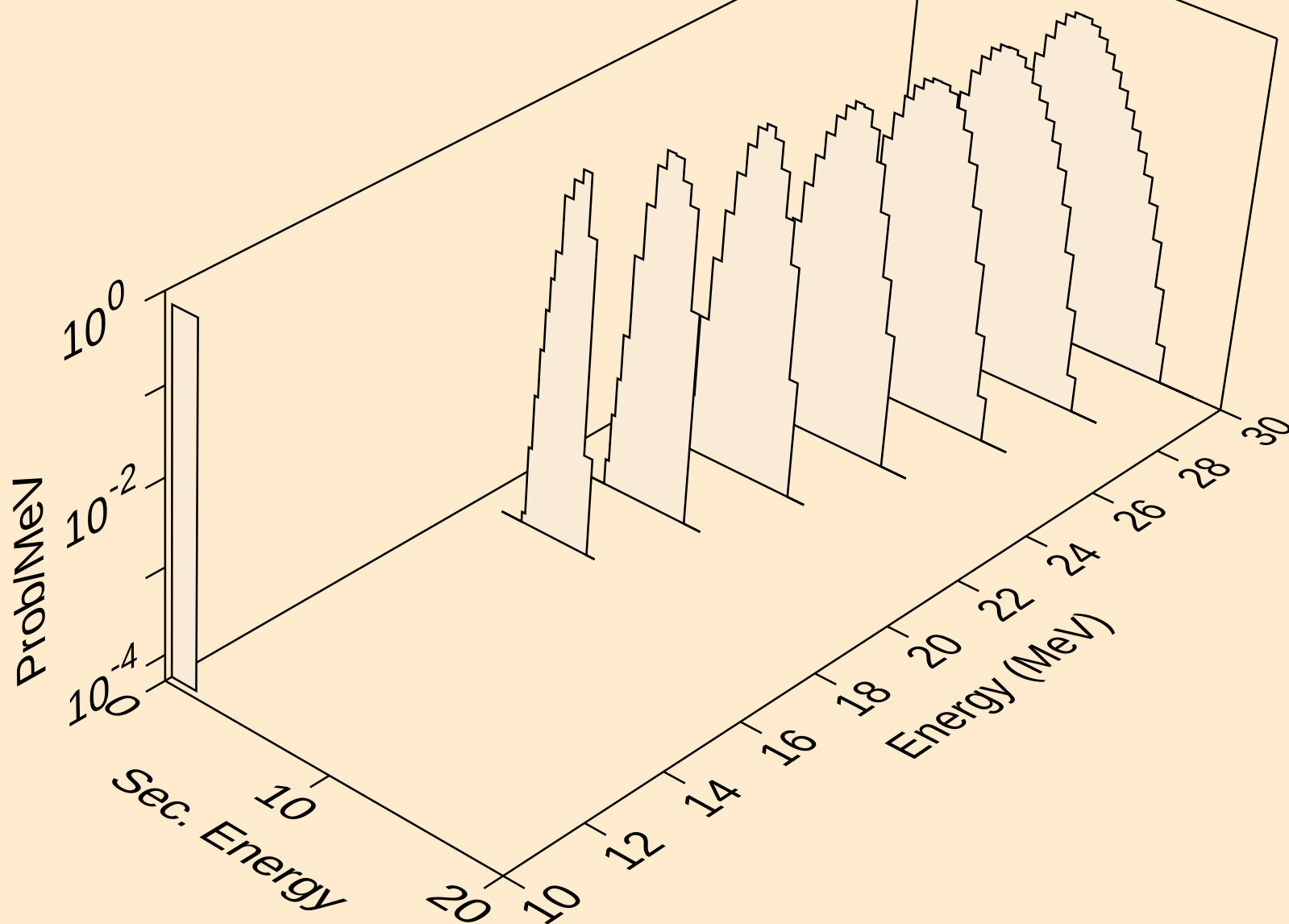
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



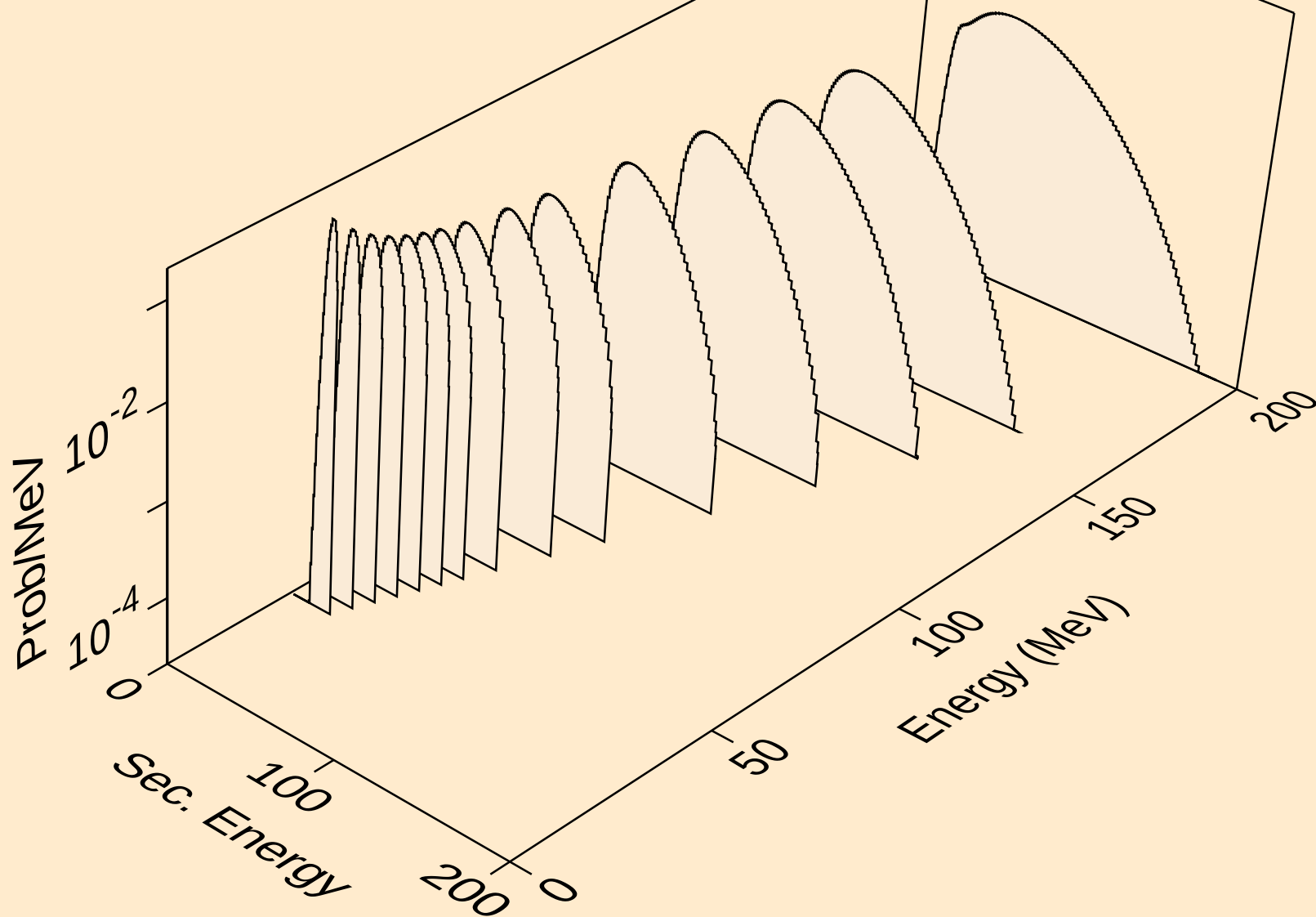
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



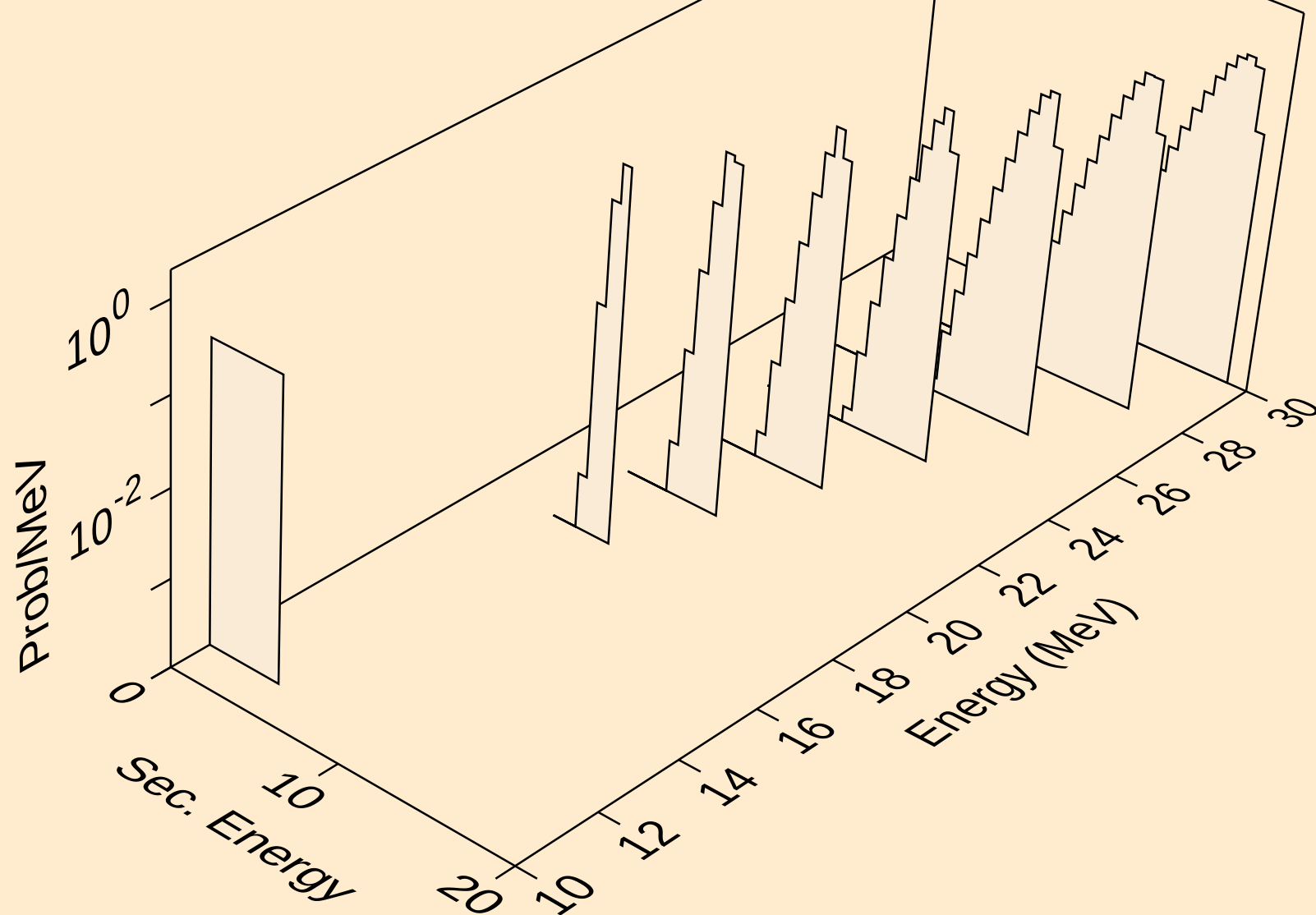
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



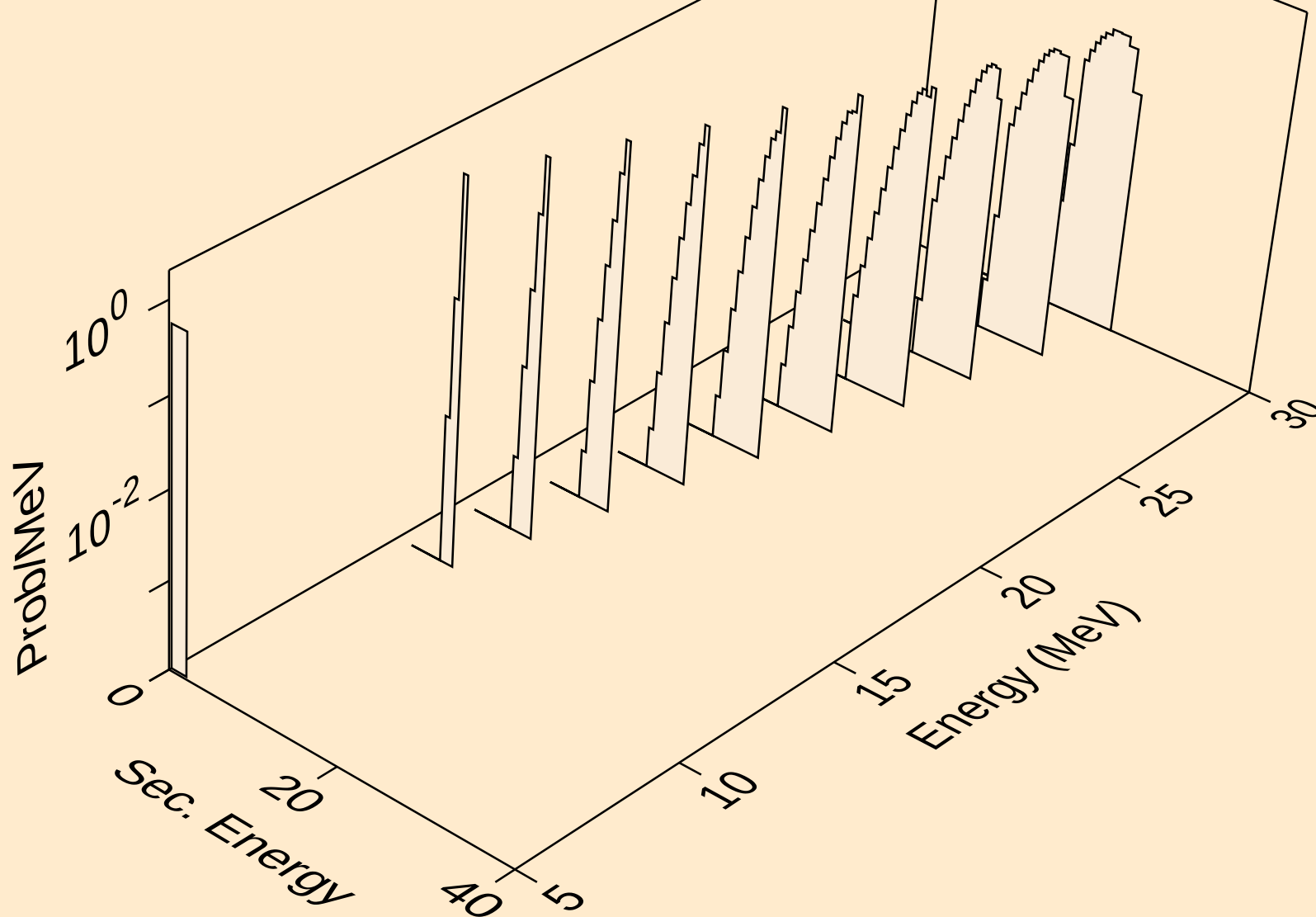
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



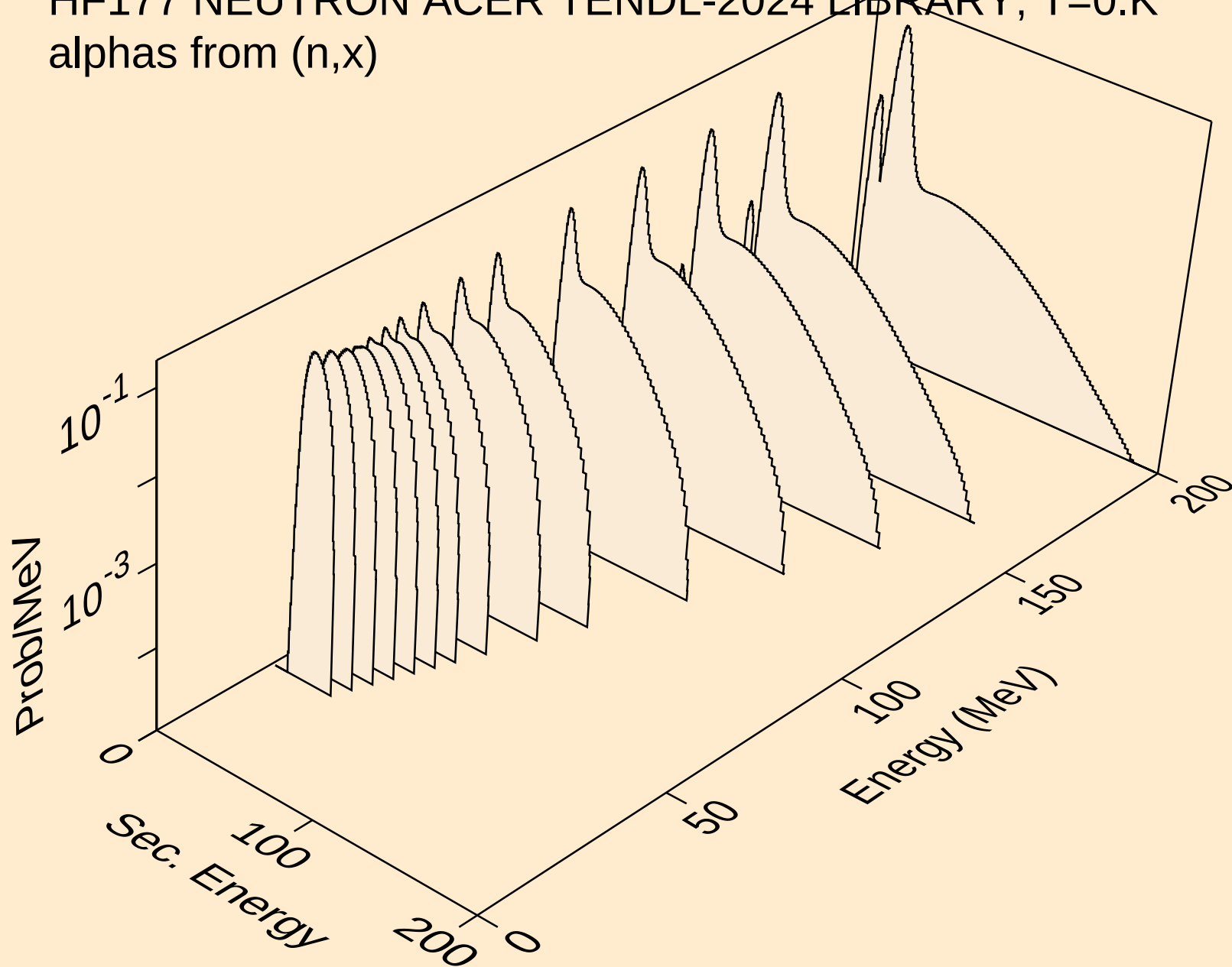
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



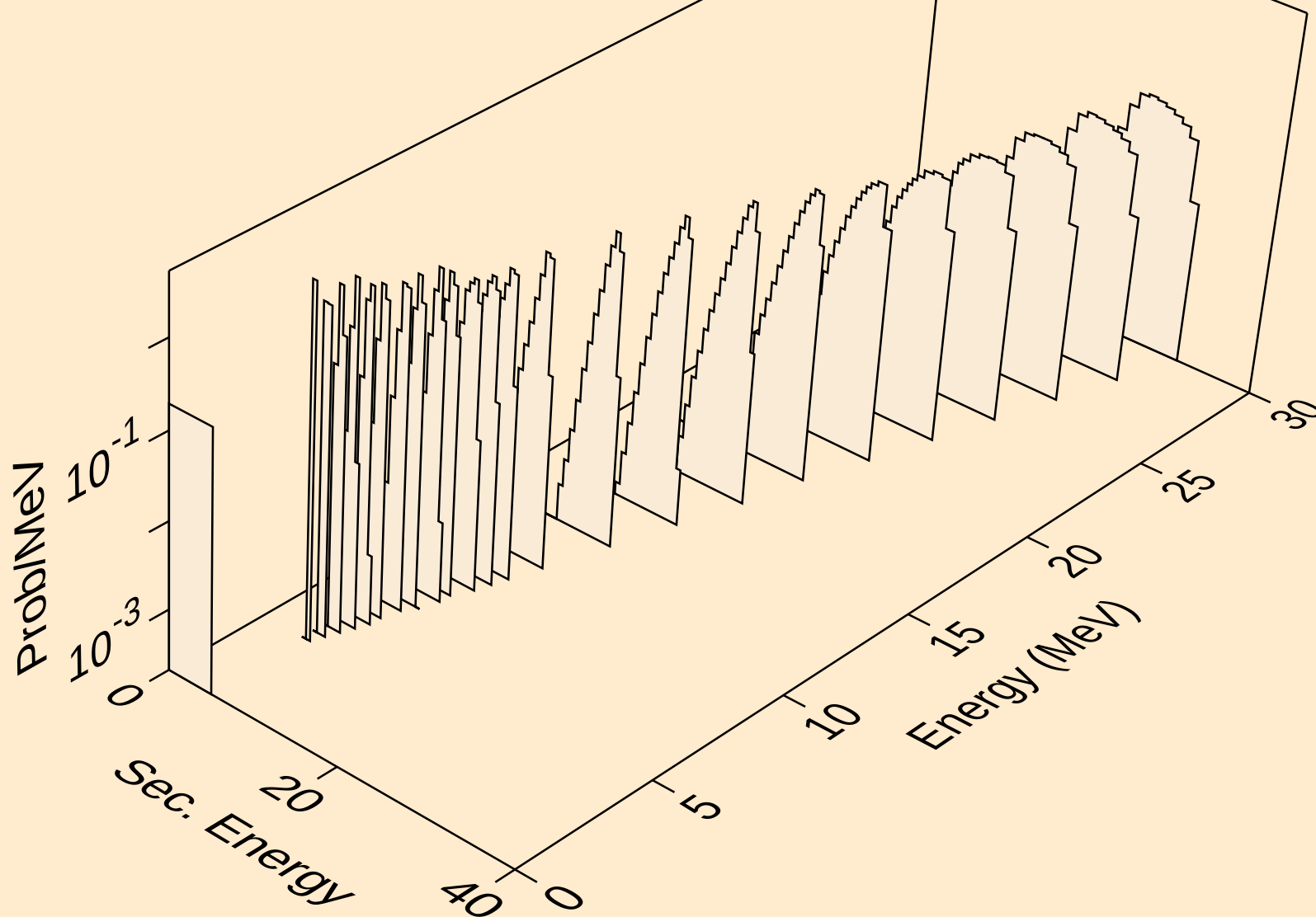
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



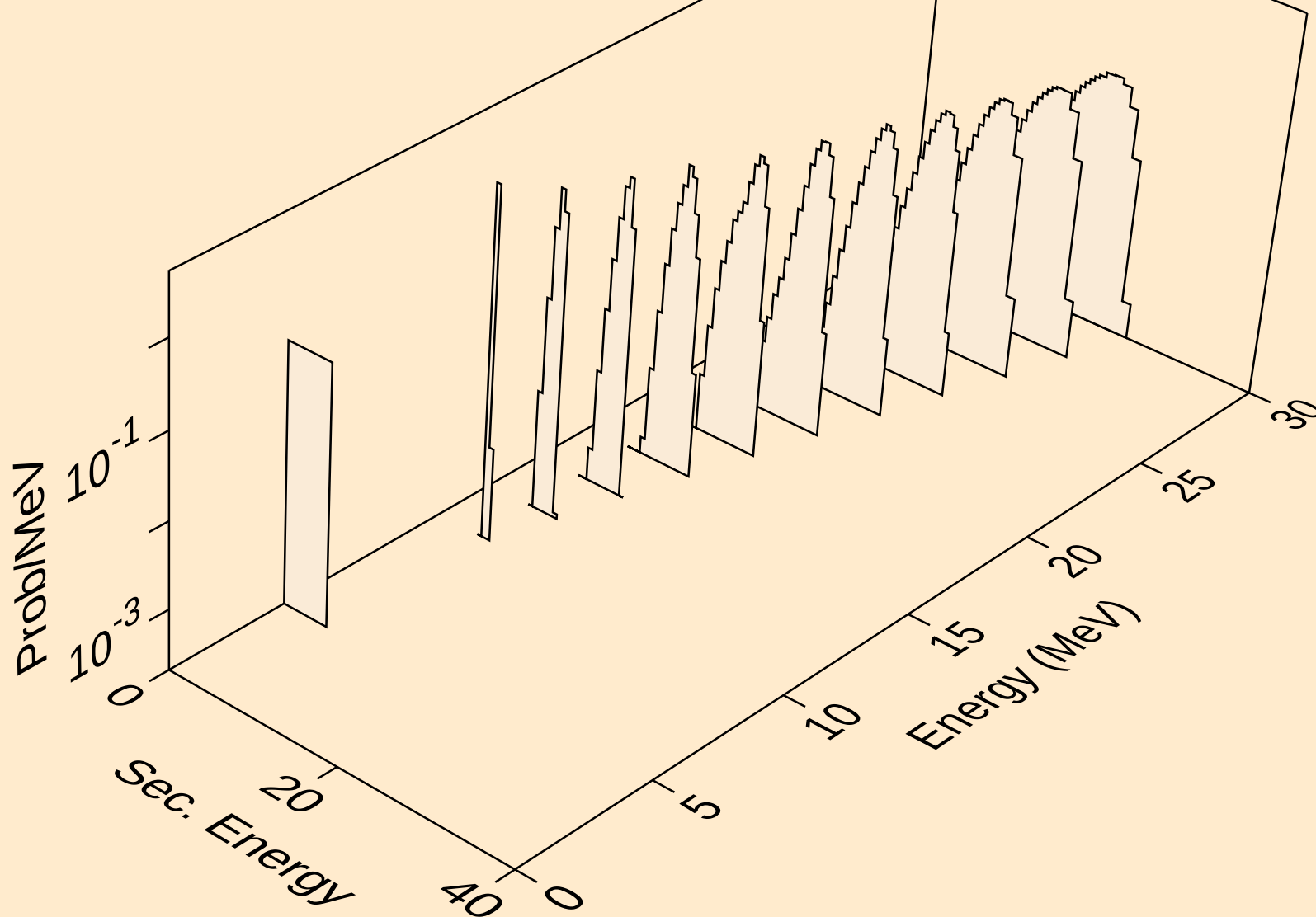
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



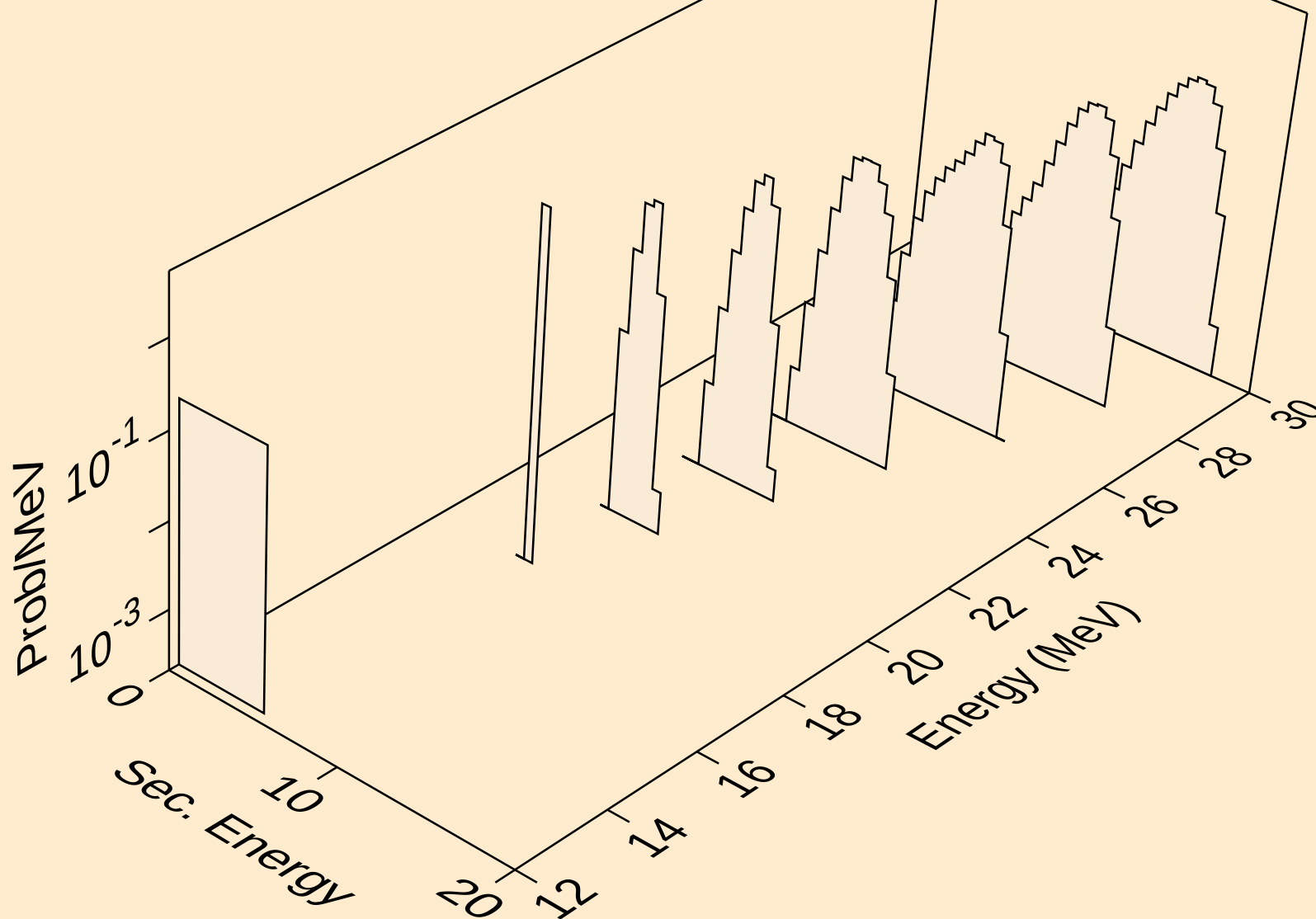
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



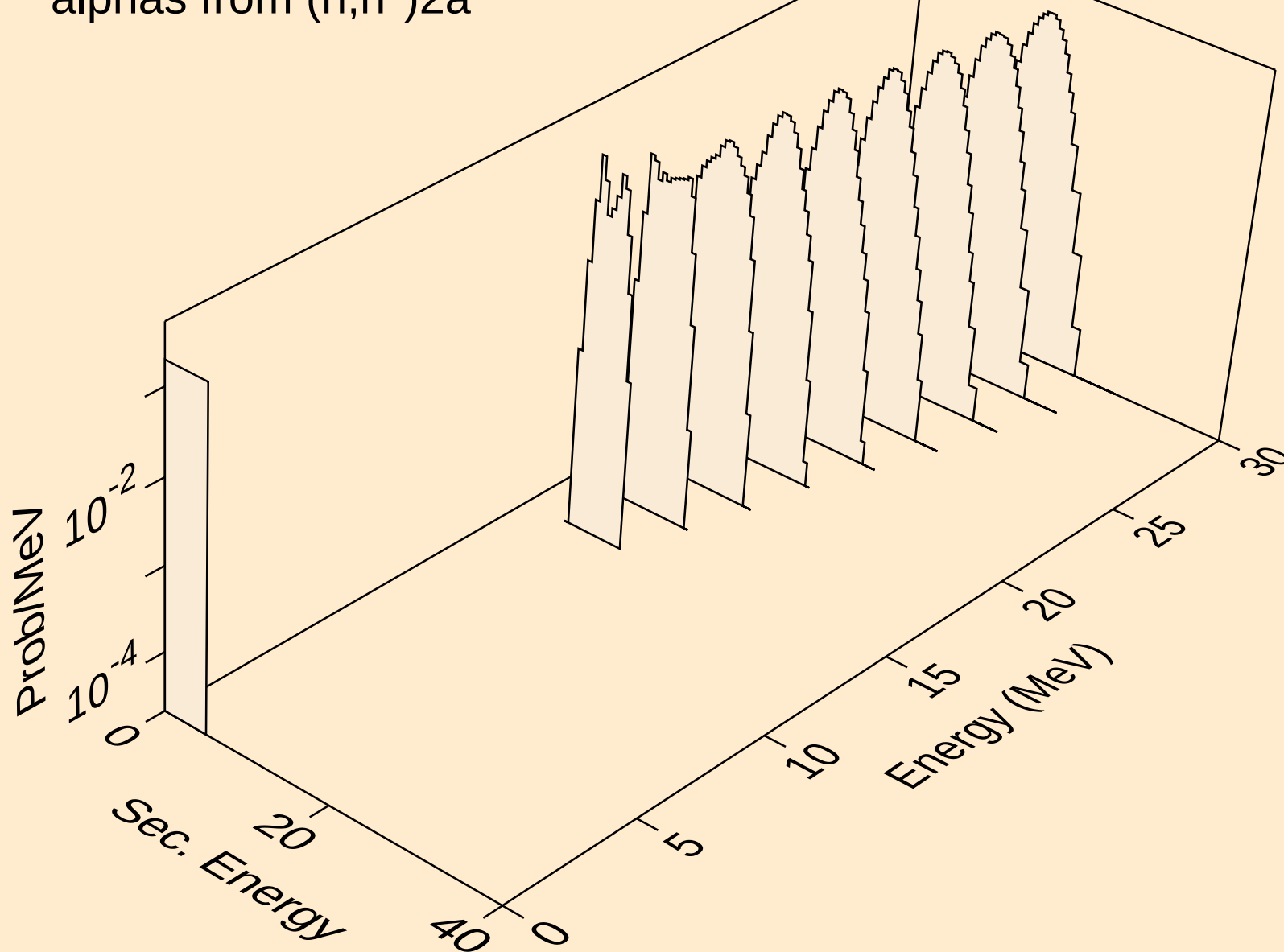
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



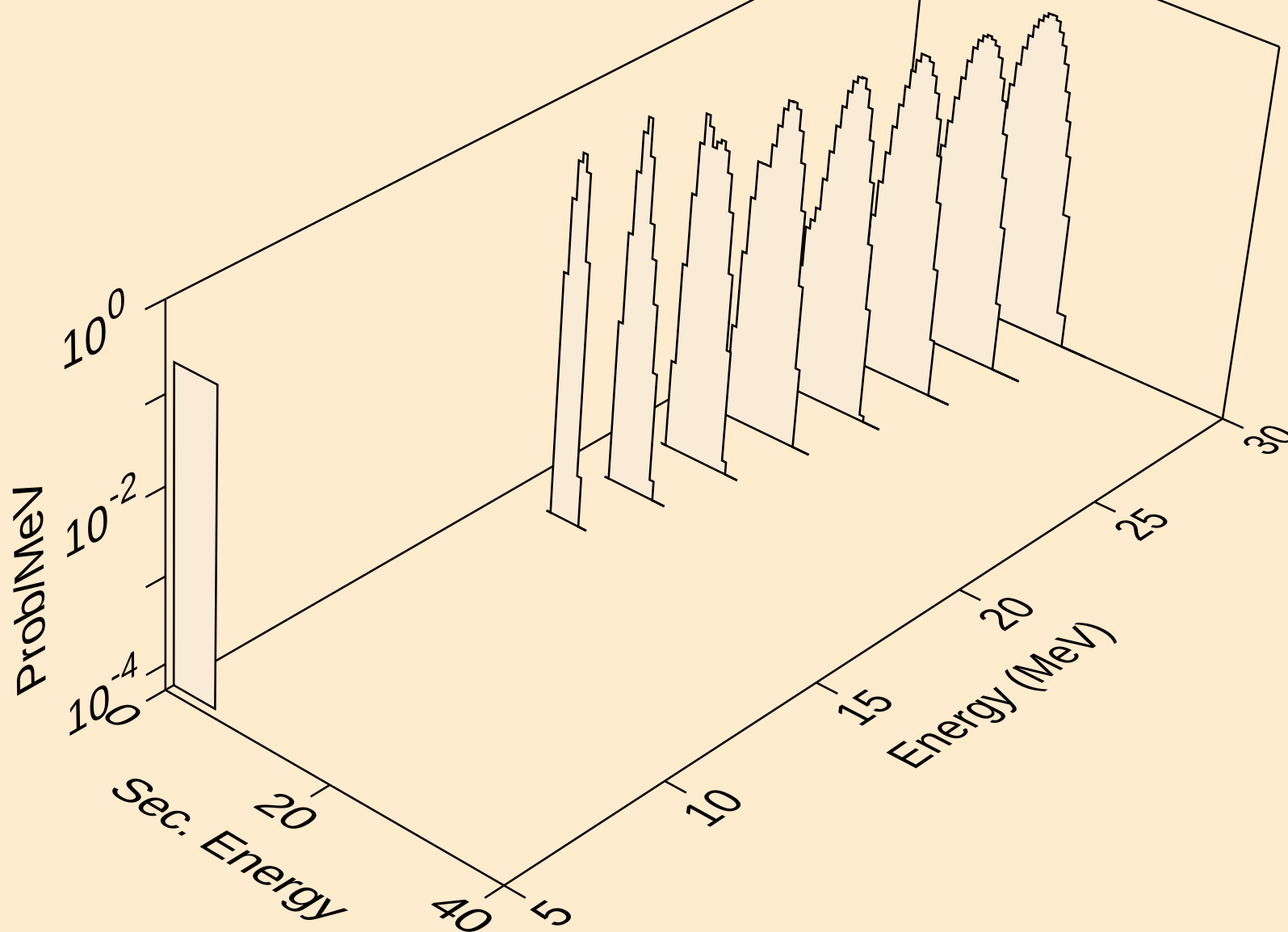
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



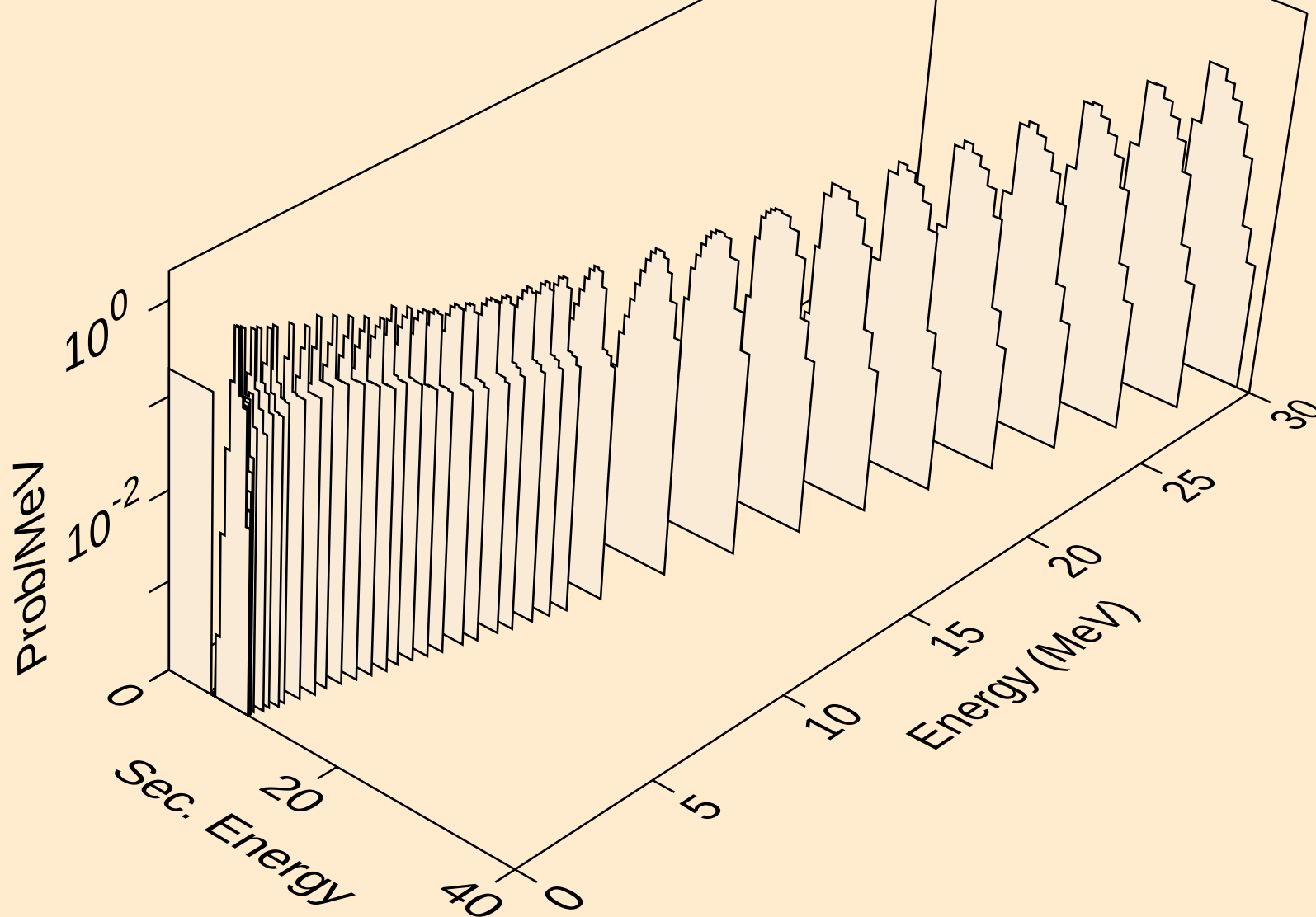
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



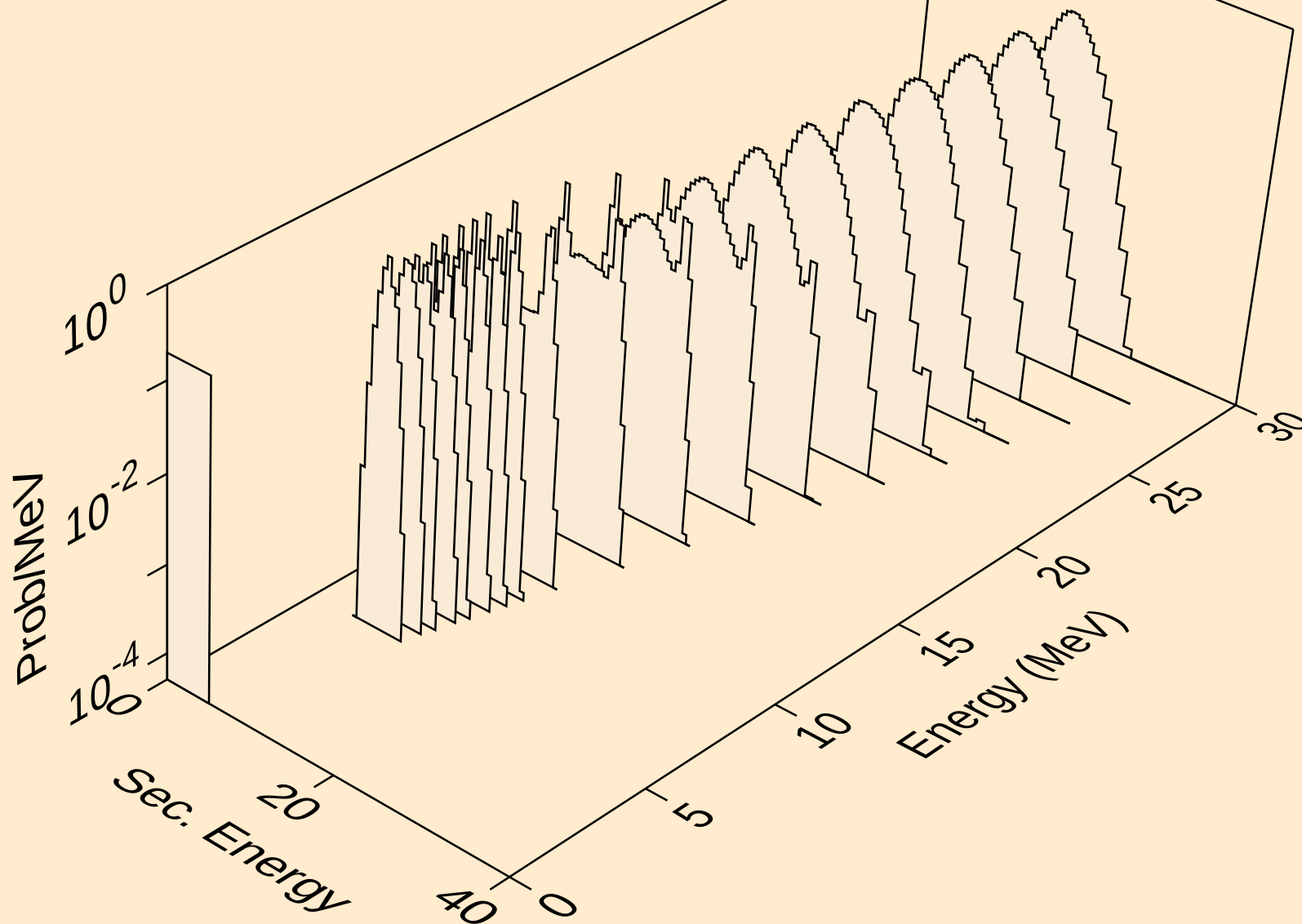
HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)

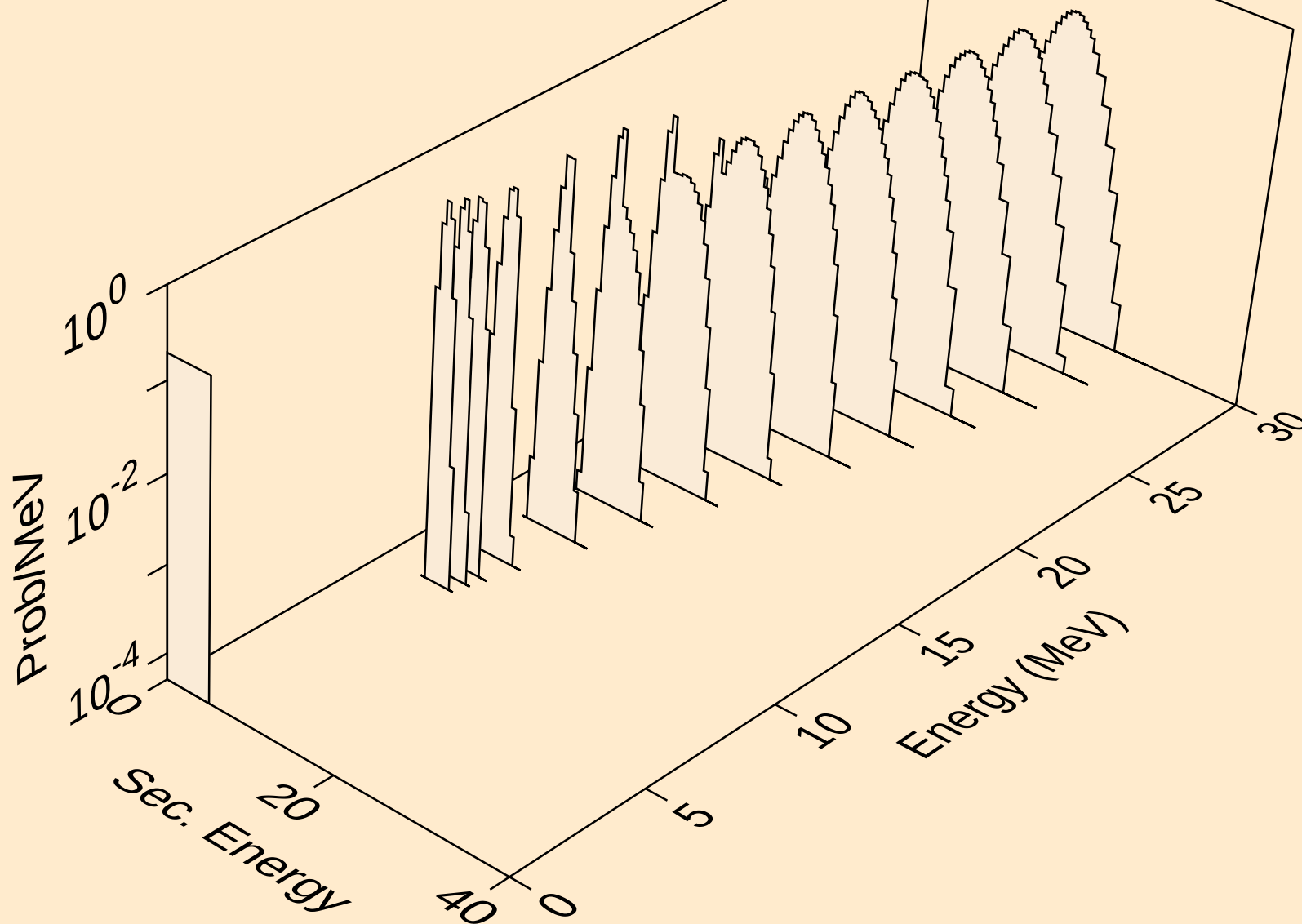


HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

alphas from (n,pa)



HF177 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

