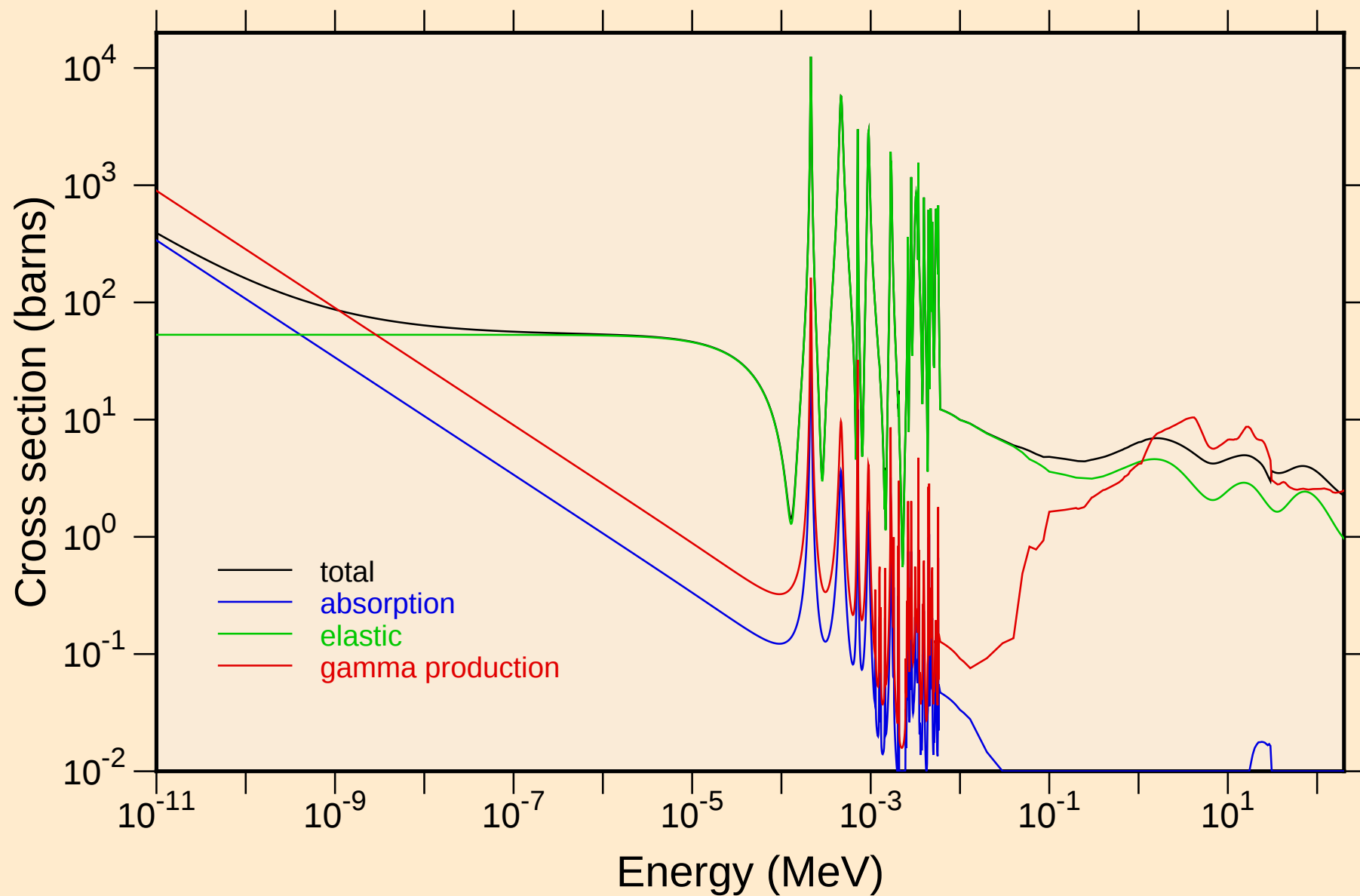
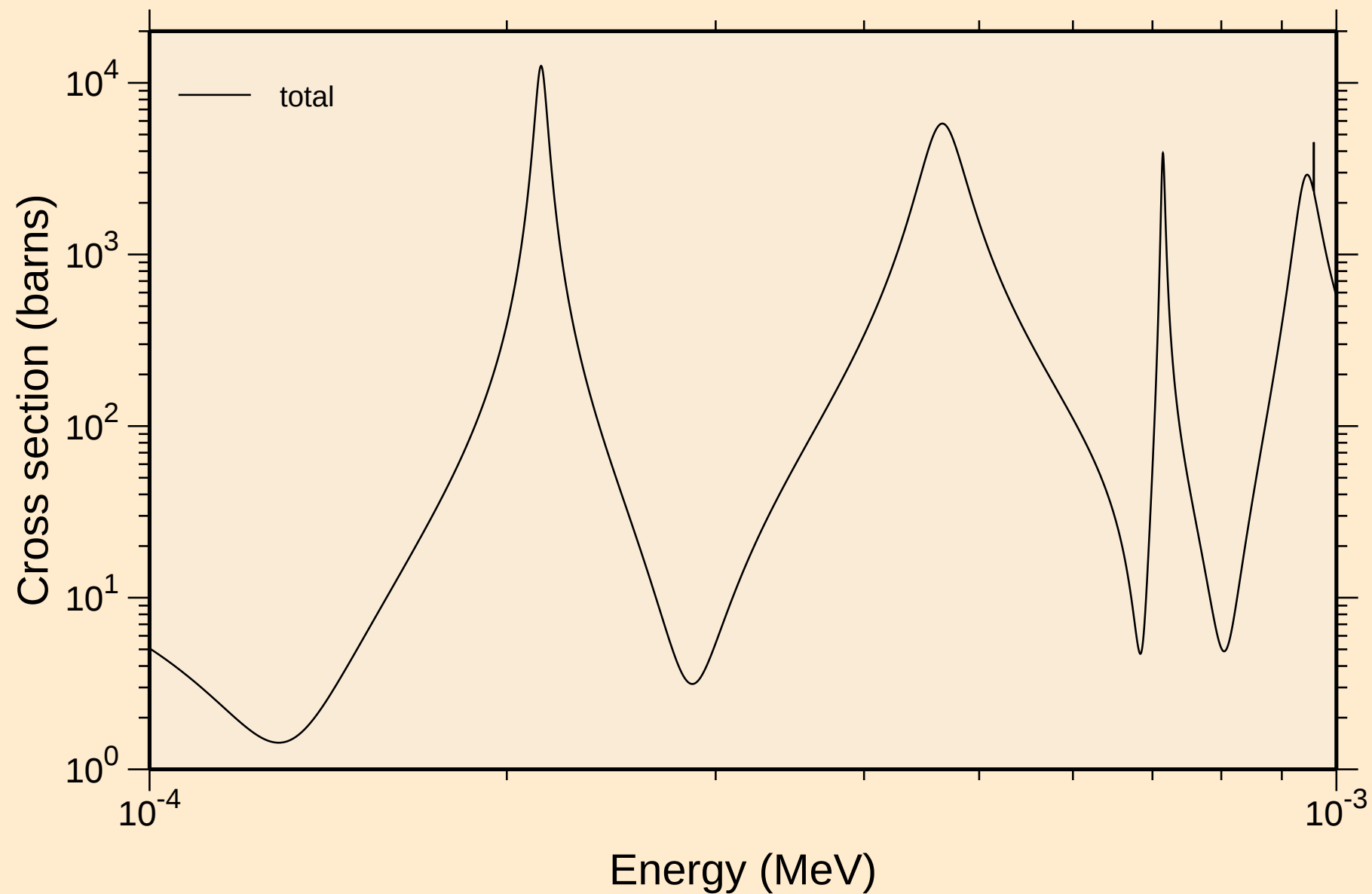


CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

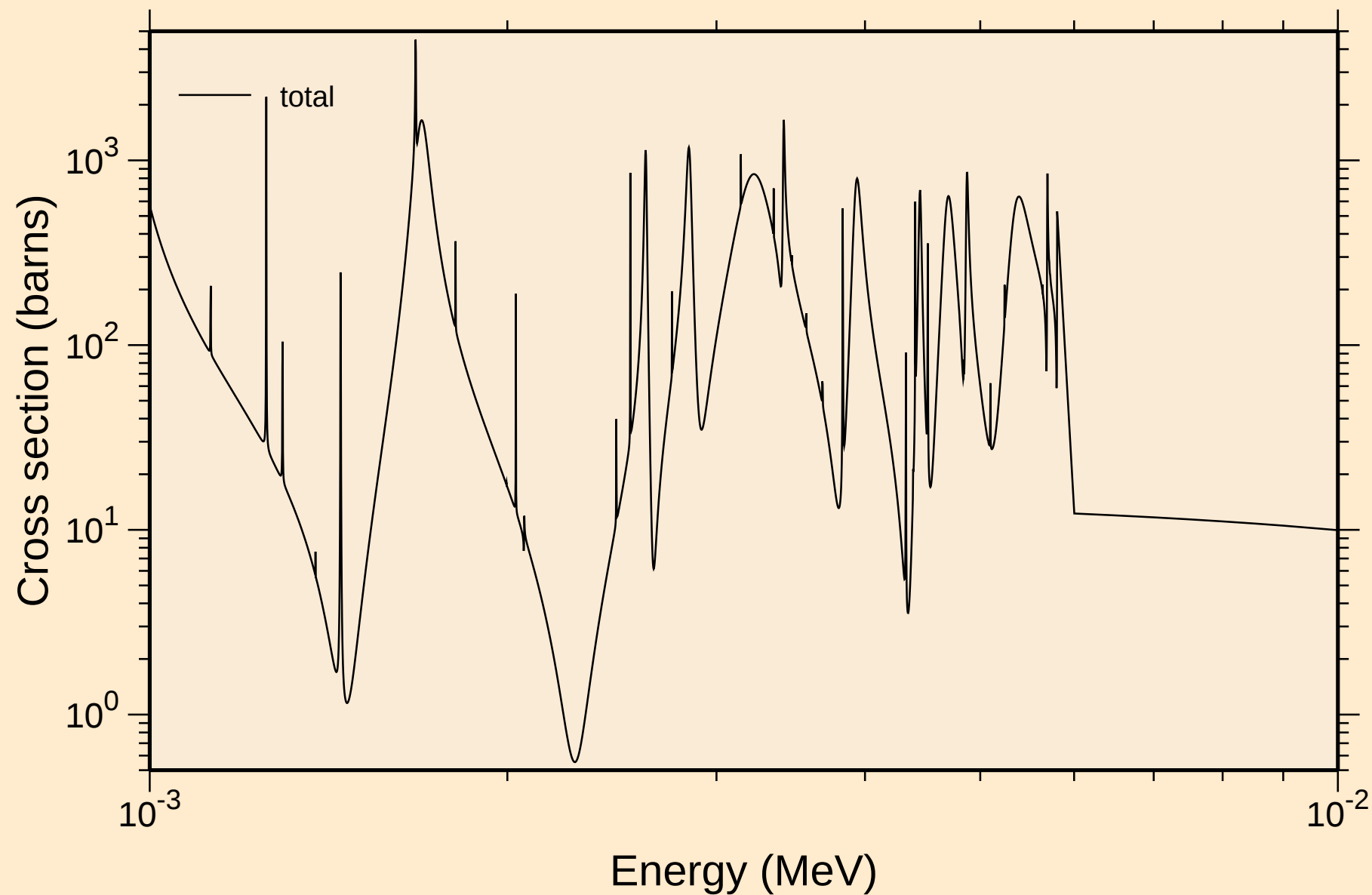
Principal cross sections



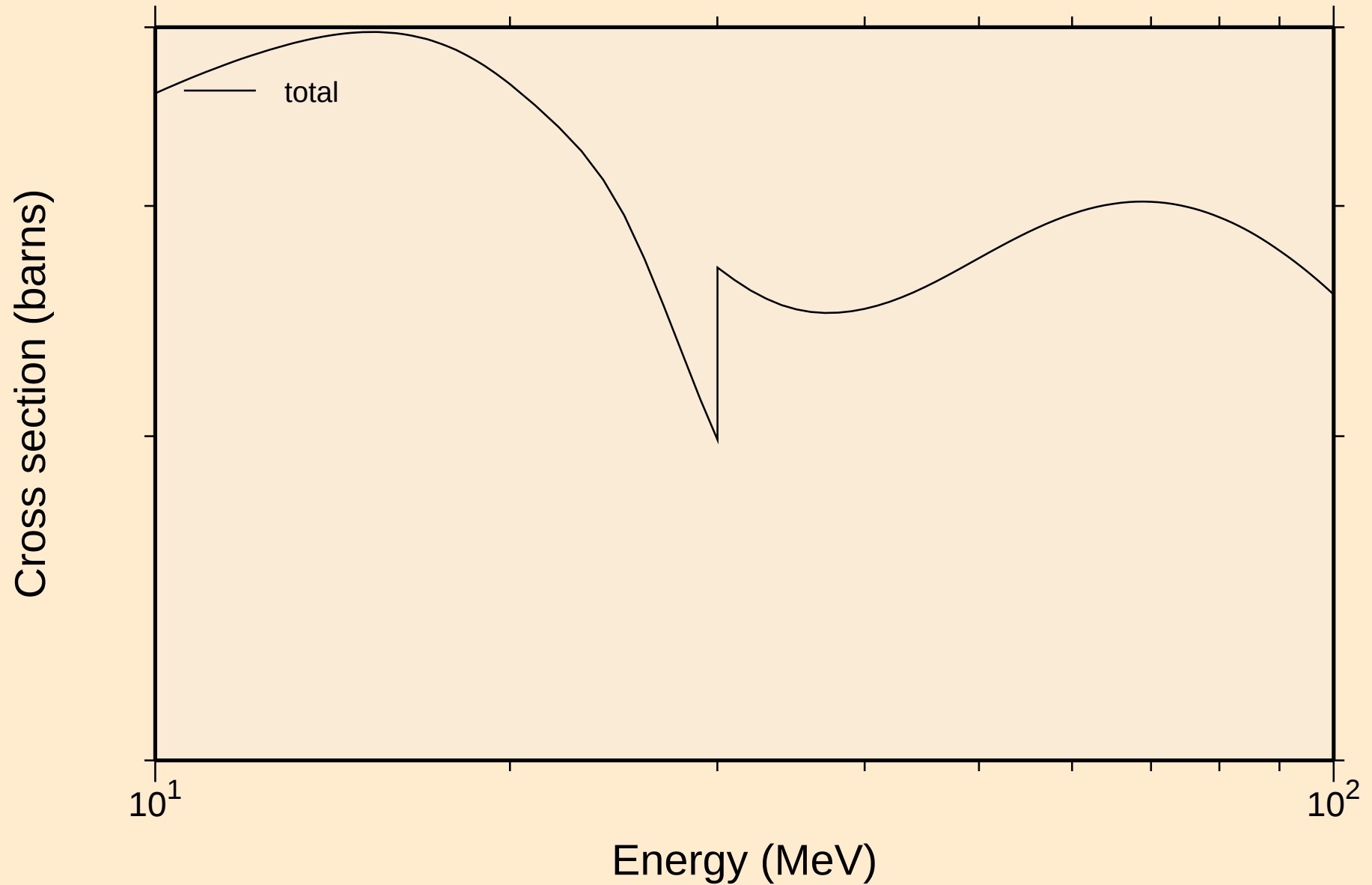
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



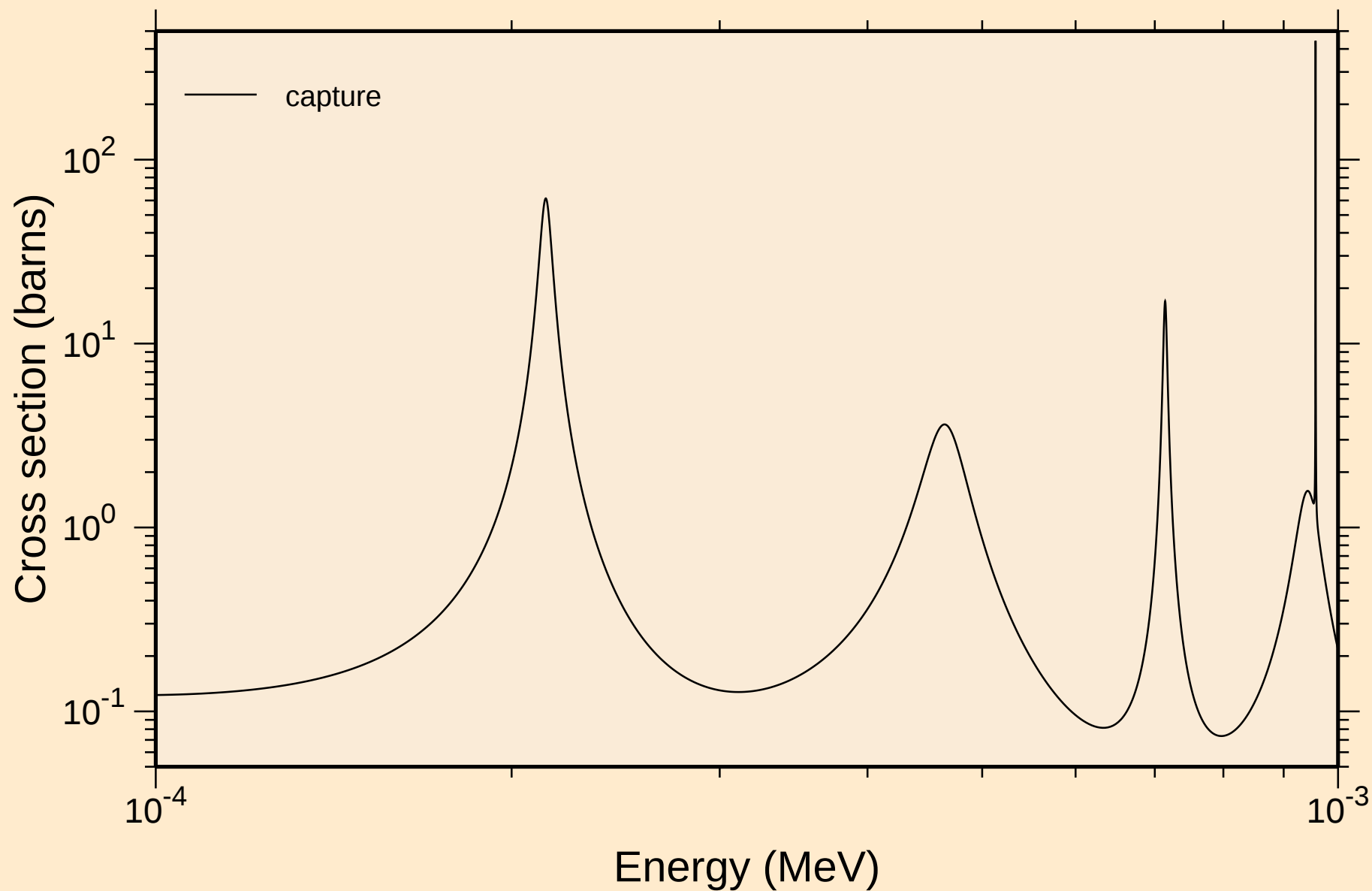
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



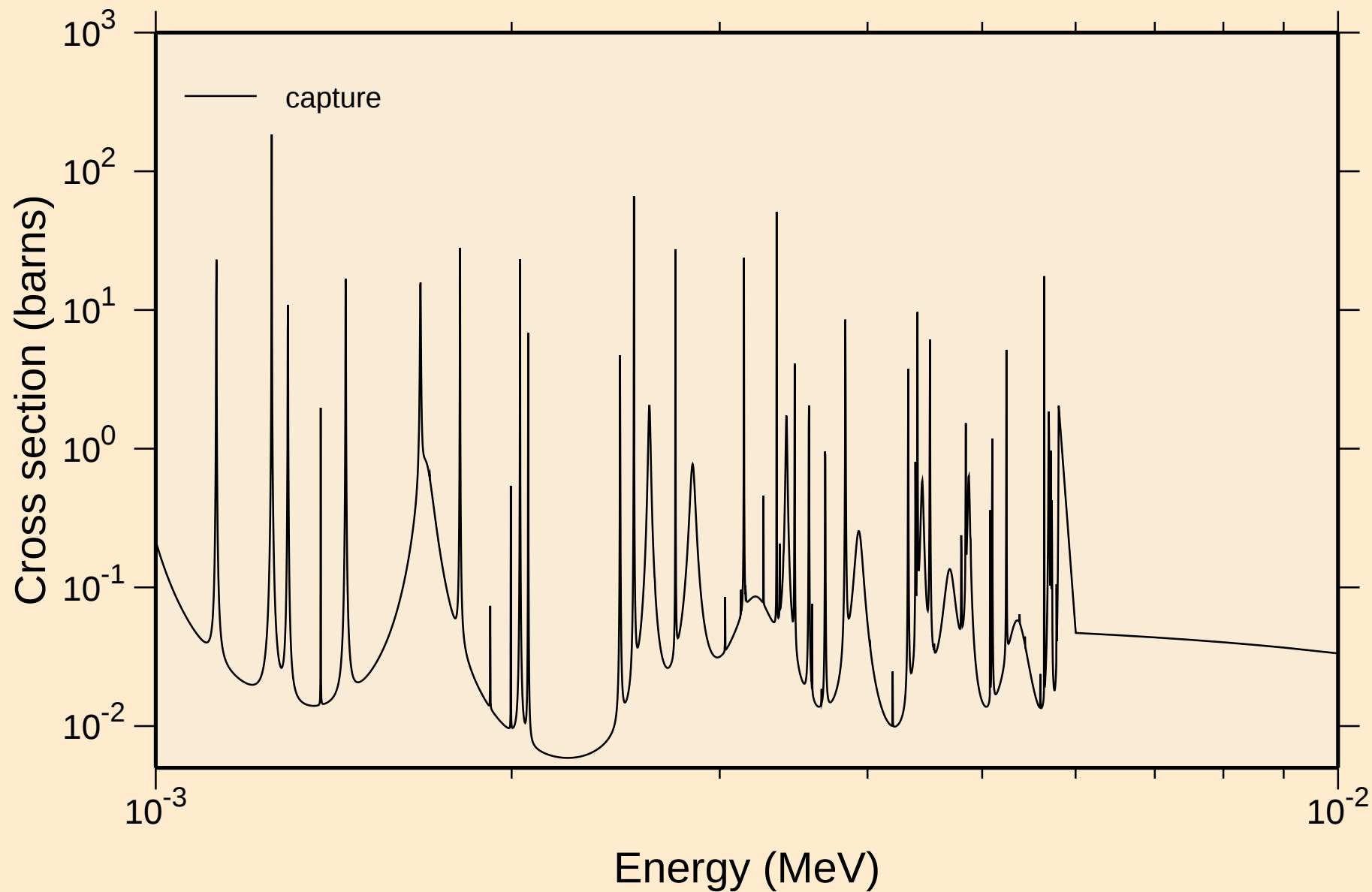
Cs142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



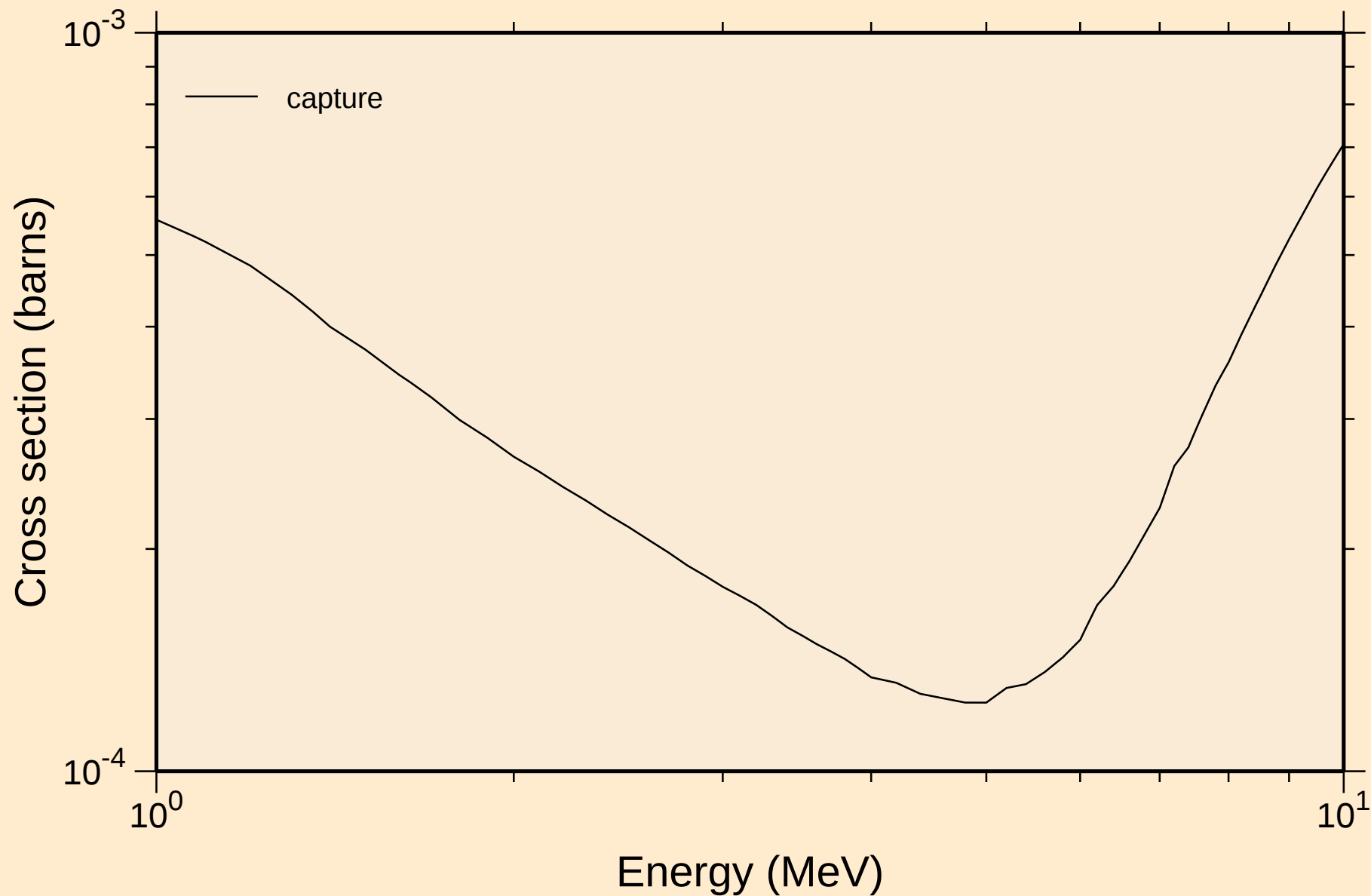
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



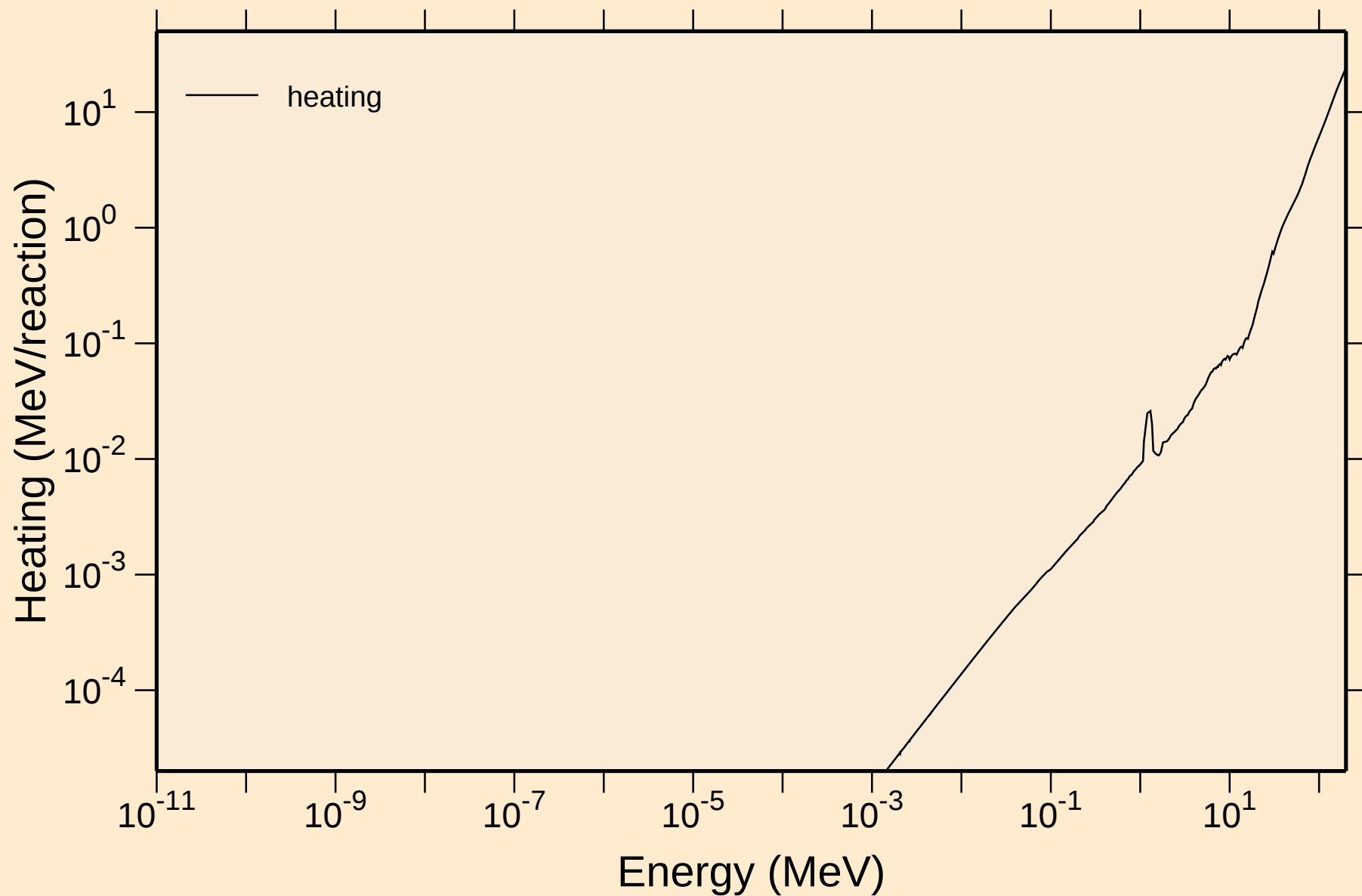
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

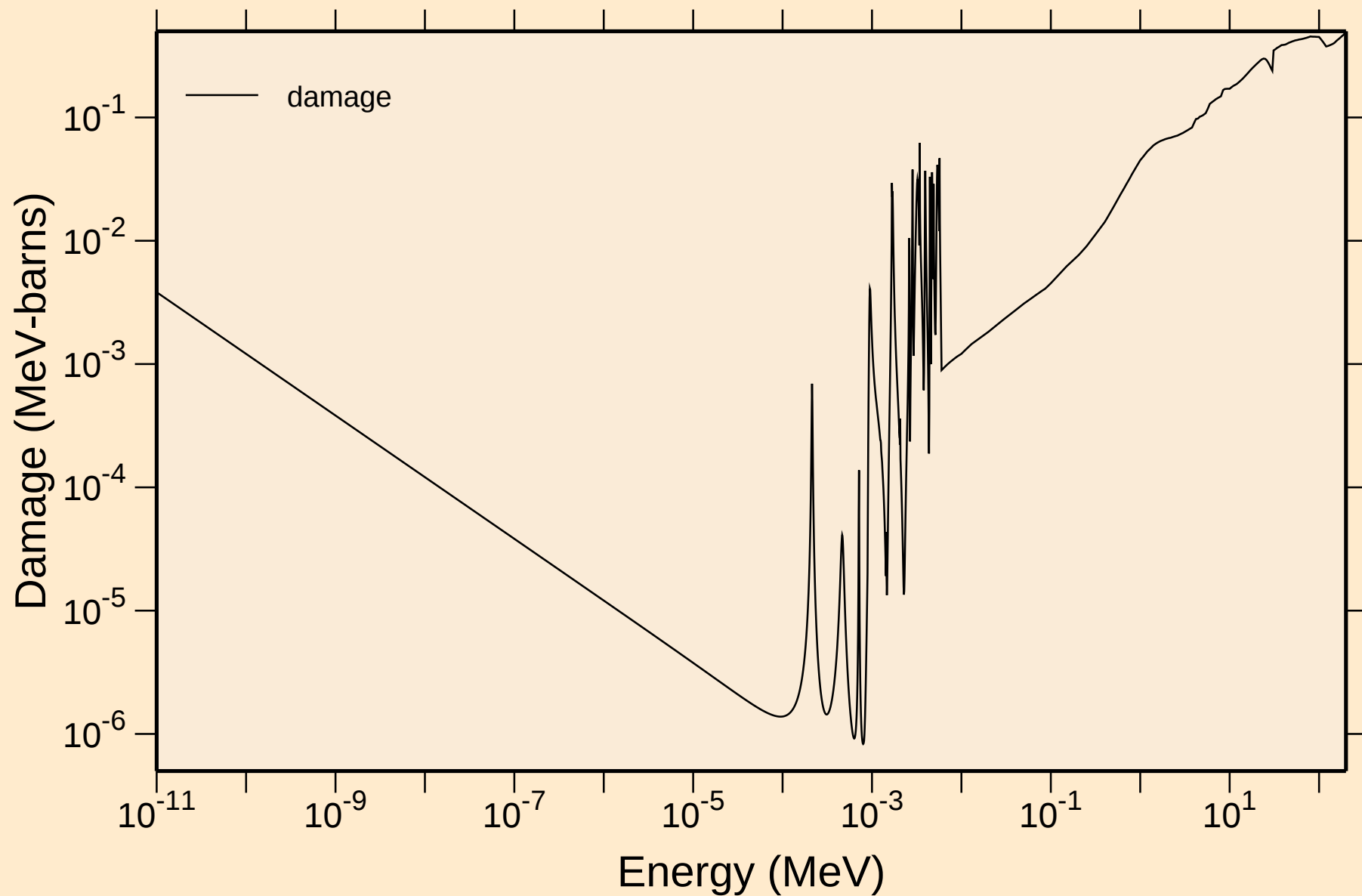


CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



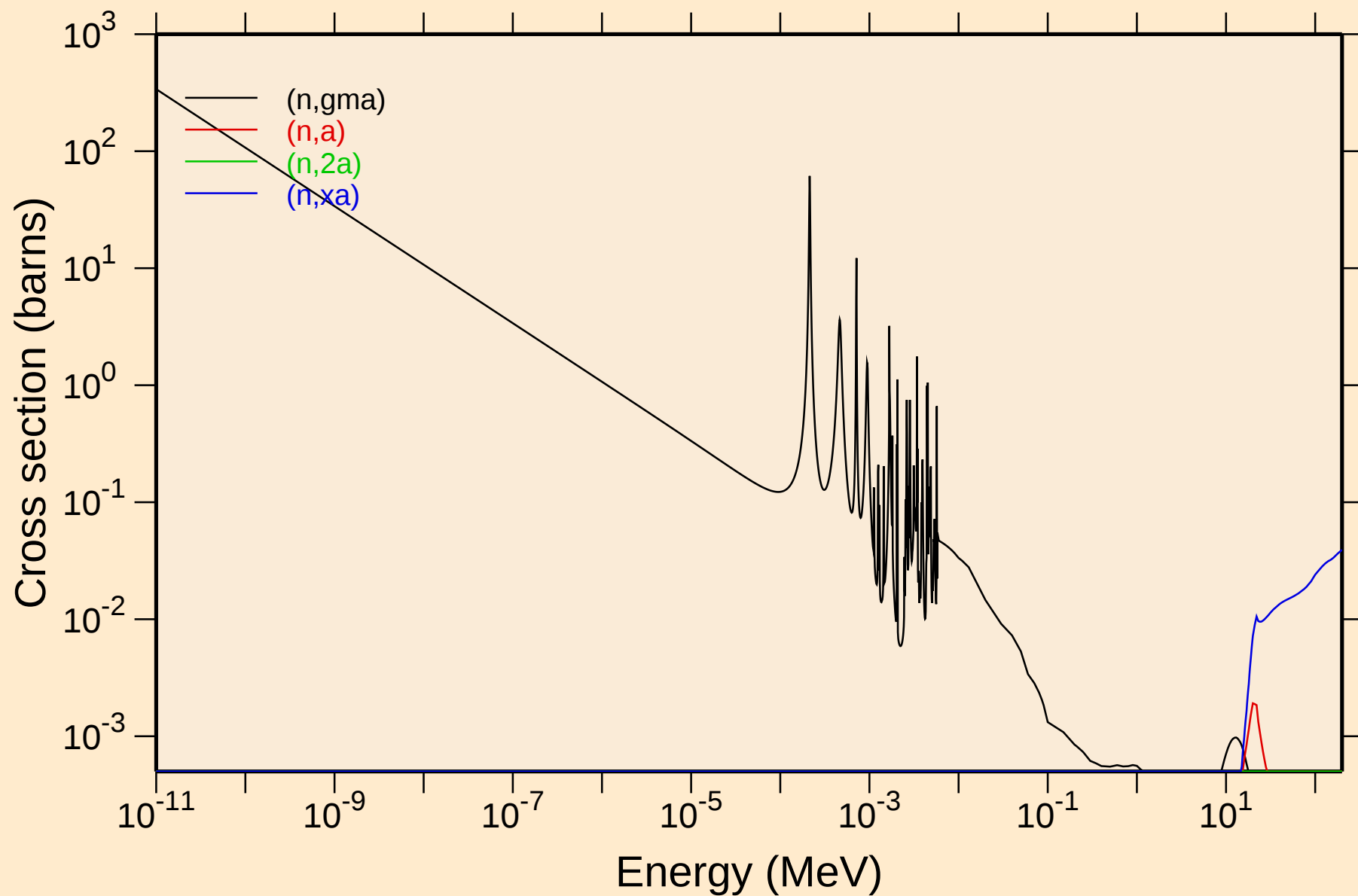
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Damage



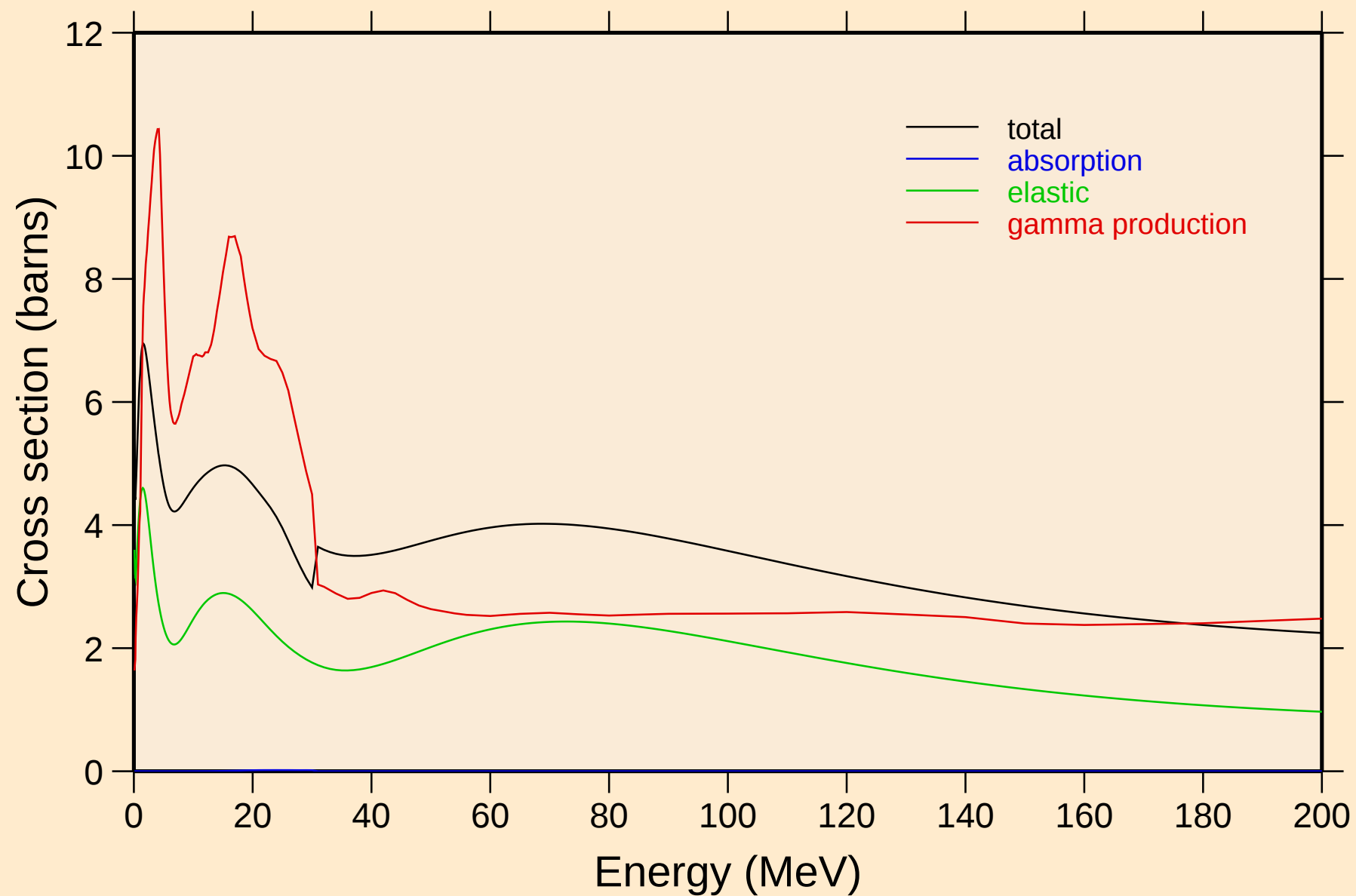
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



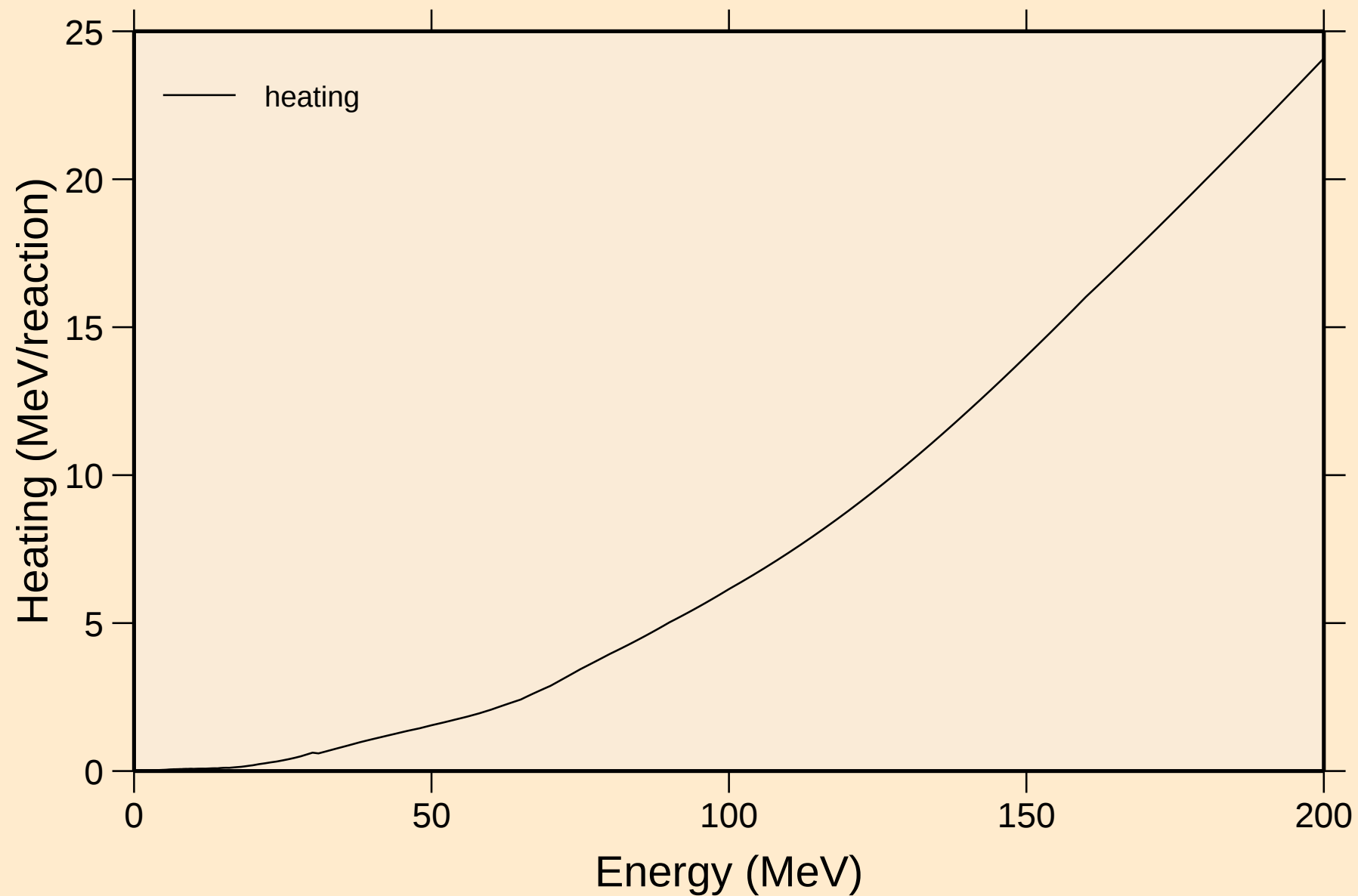
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



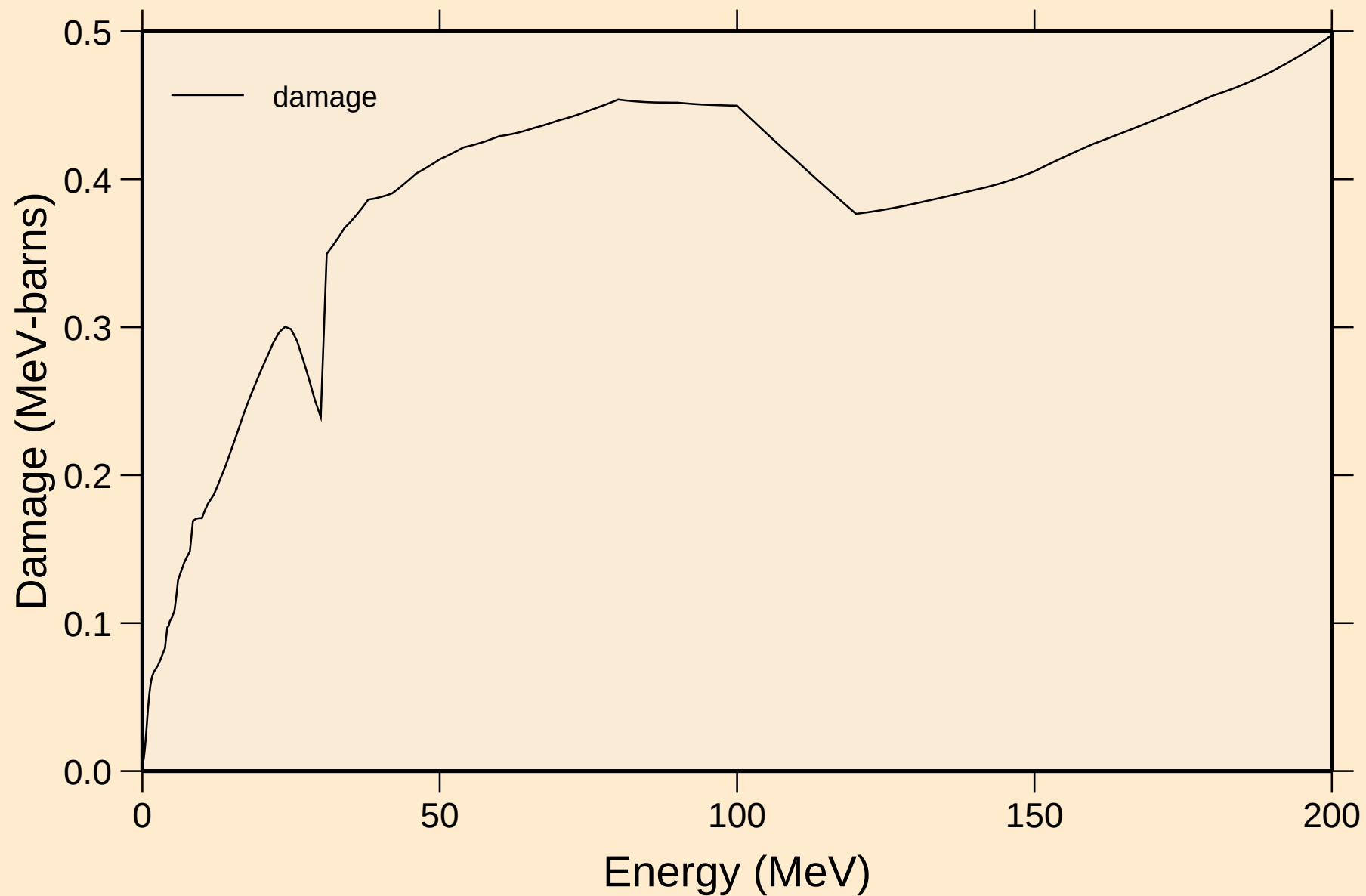
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



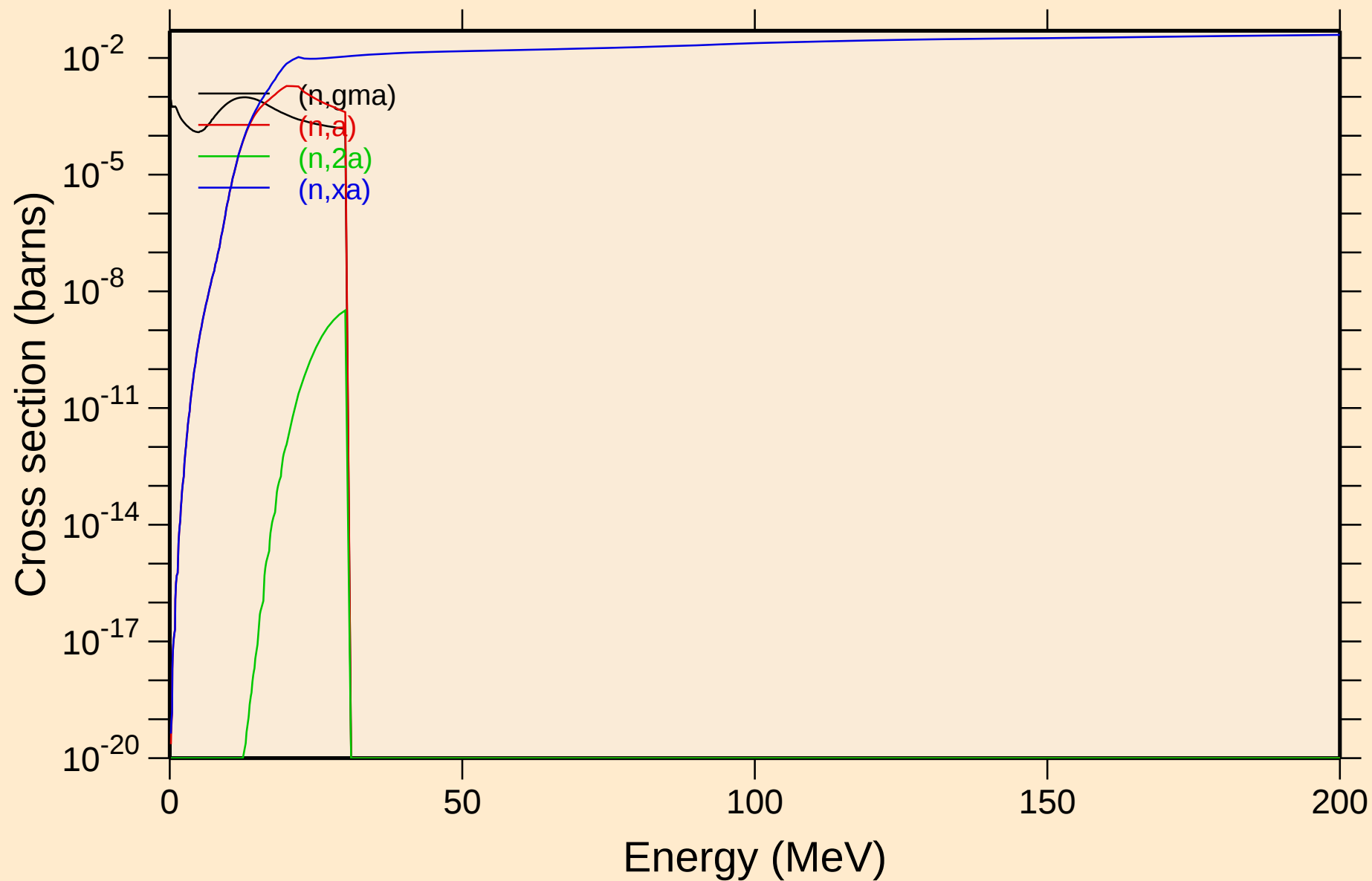
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



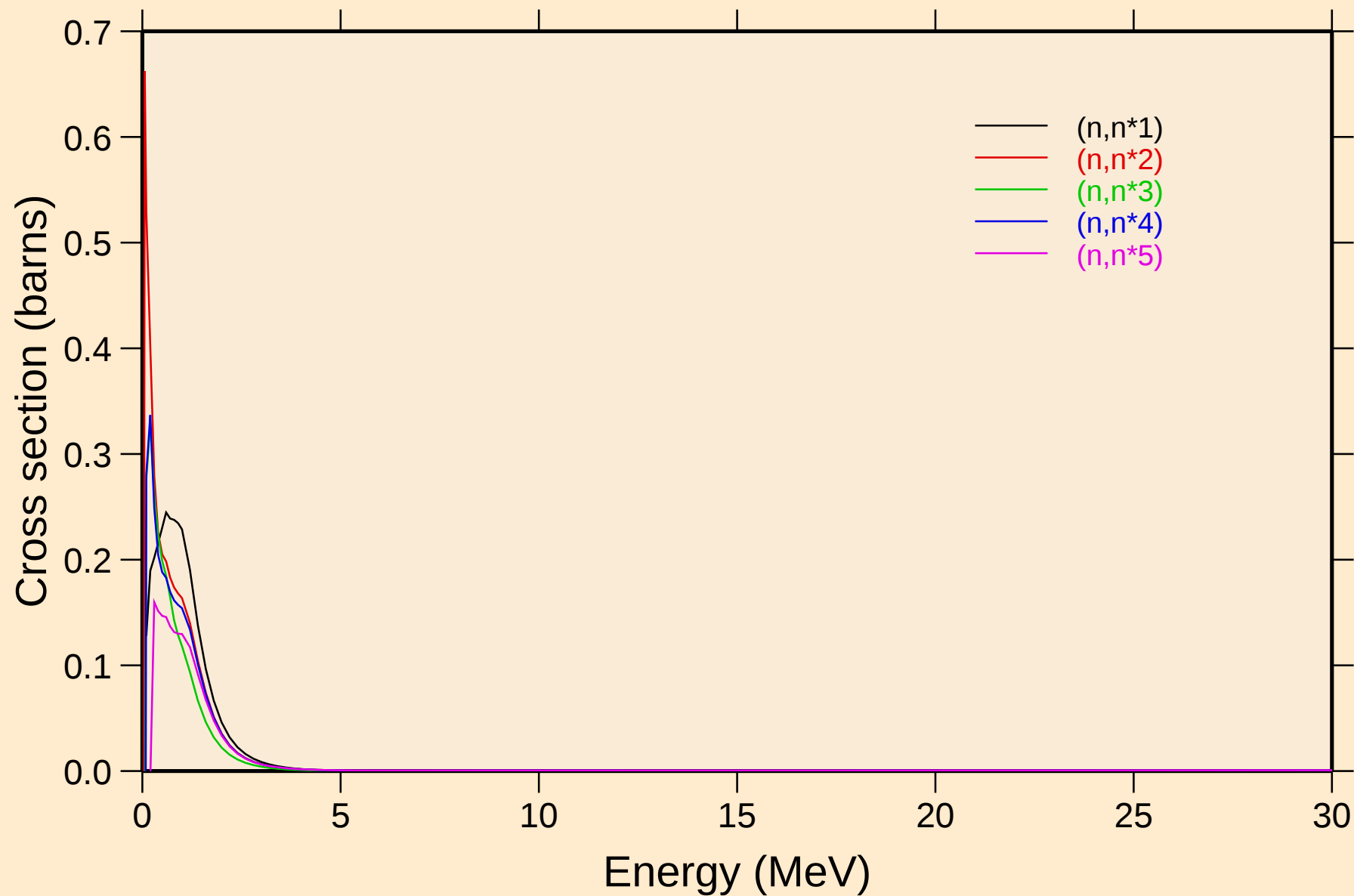
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



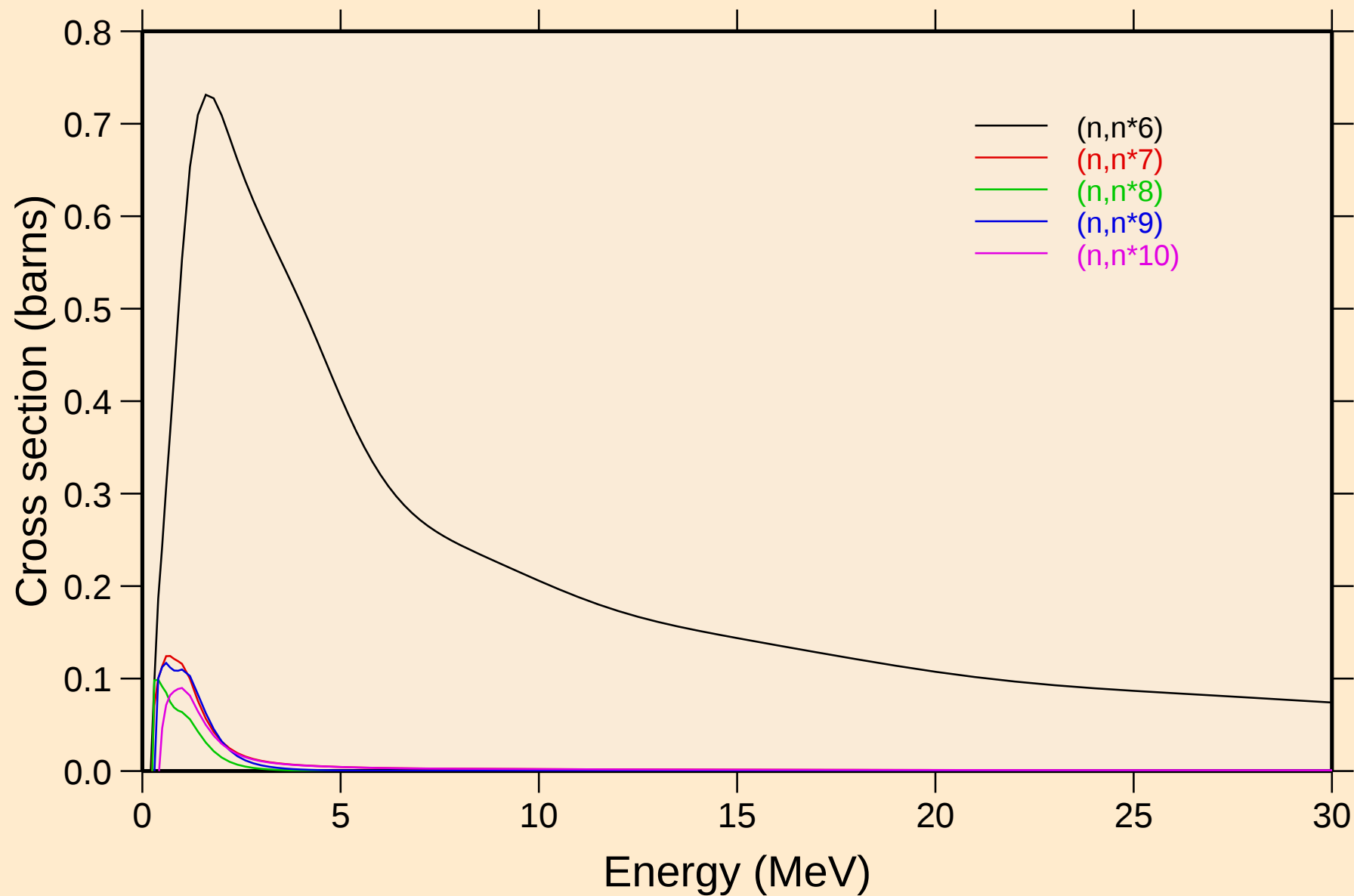
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



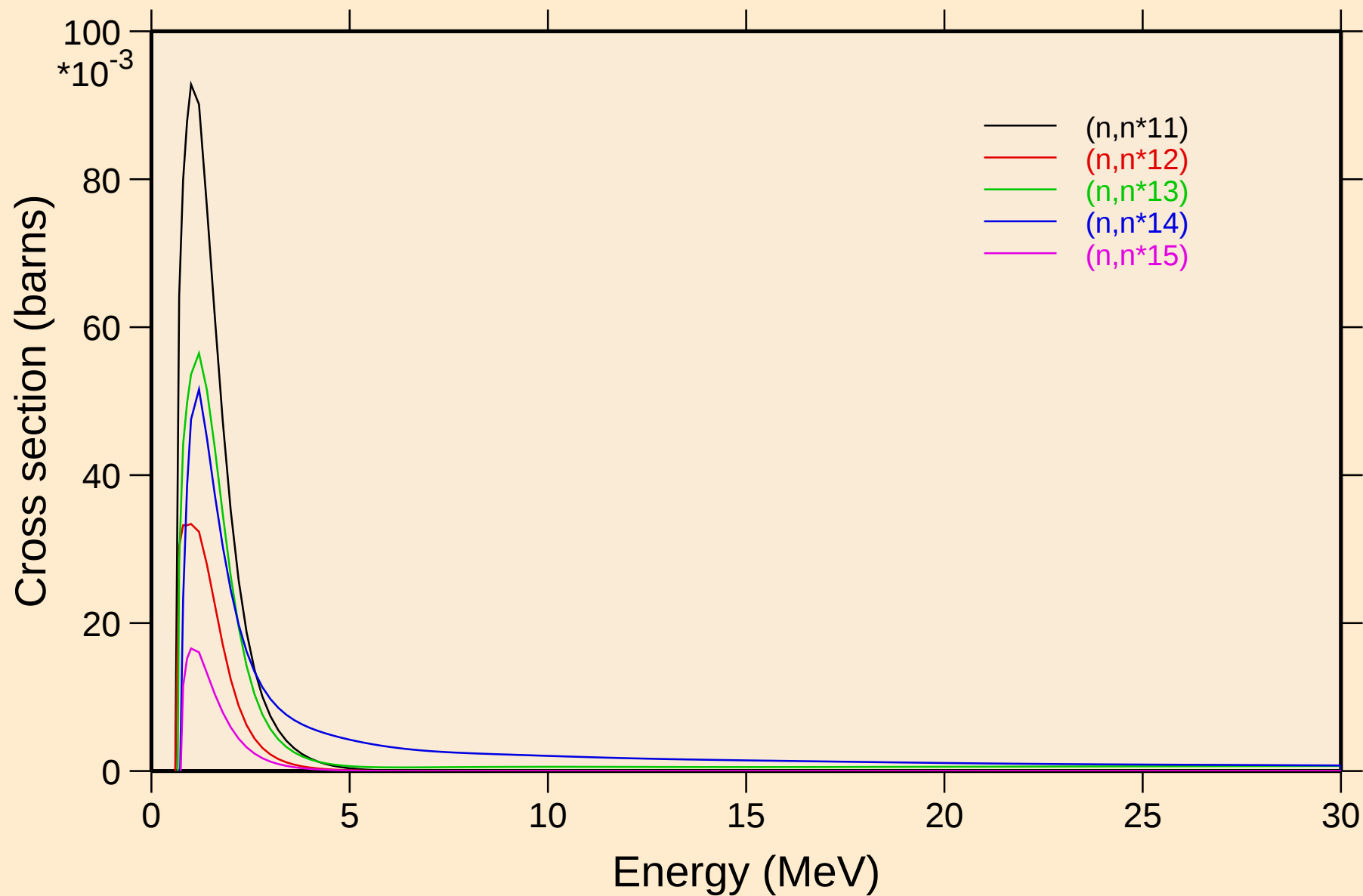
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



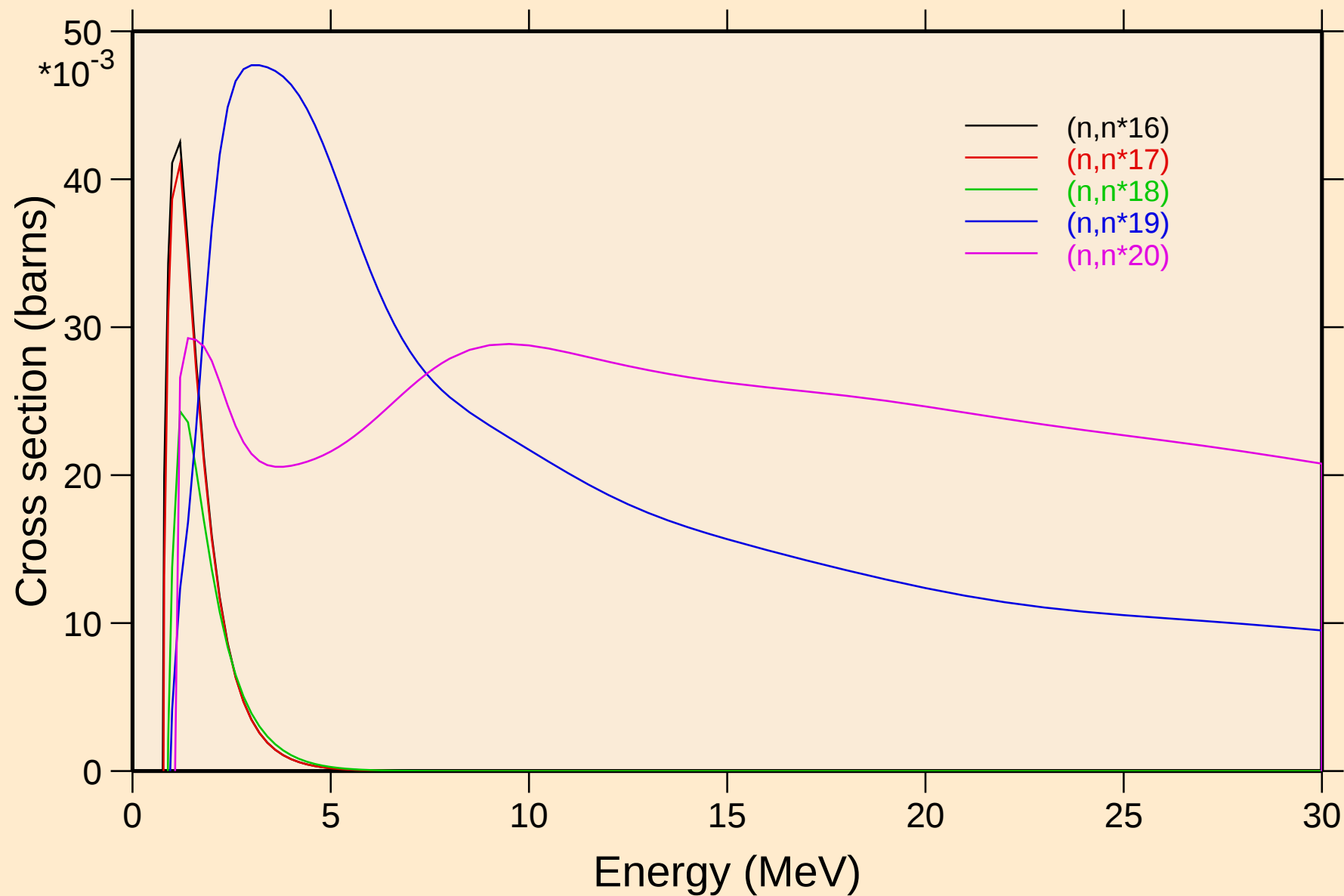
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



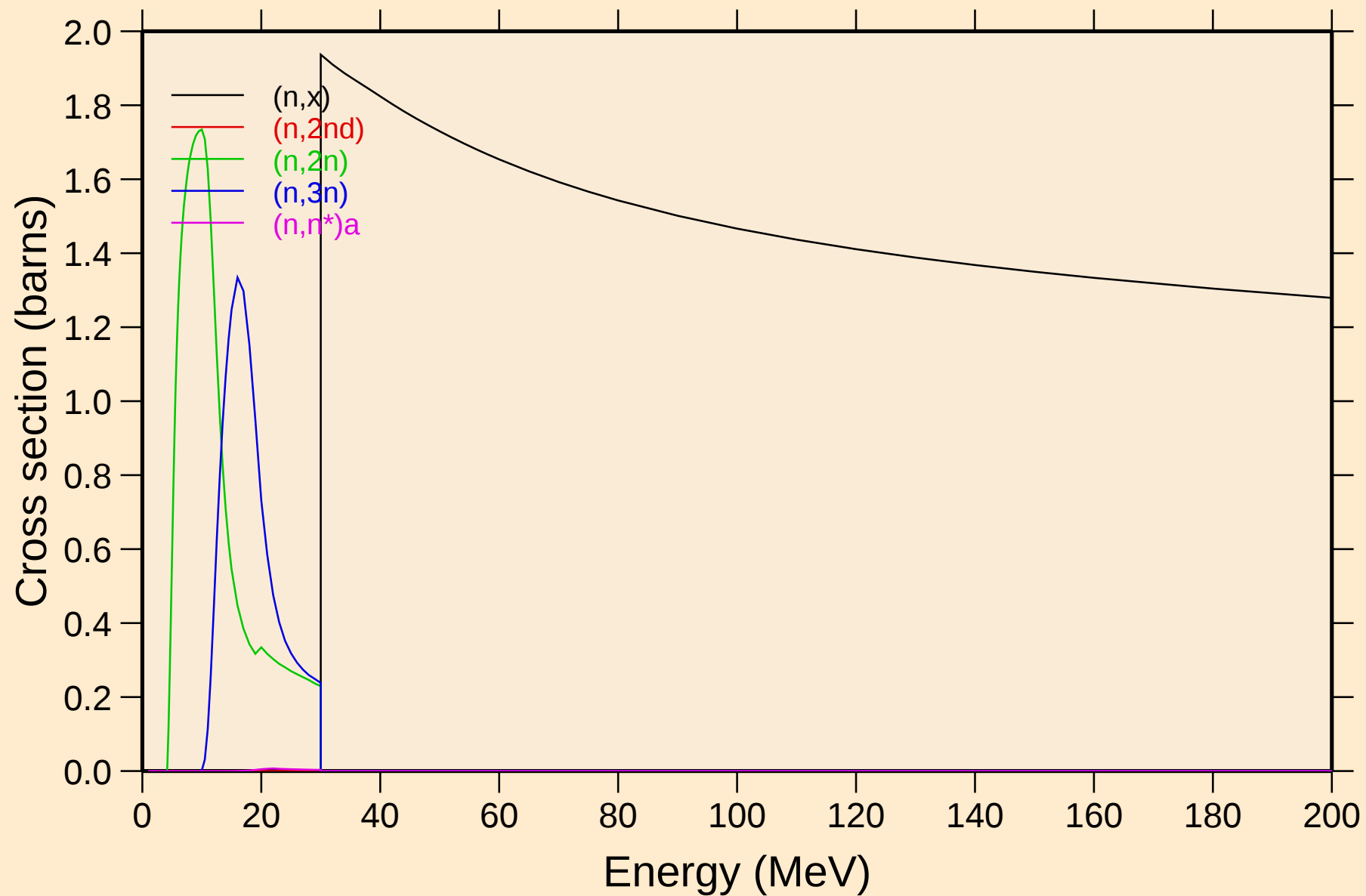
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



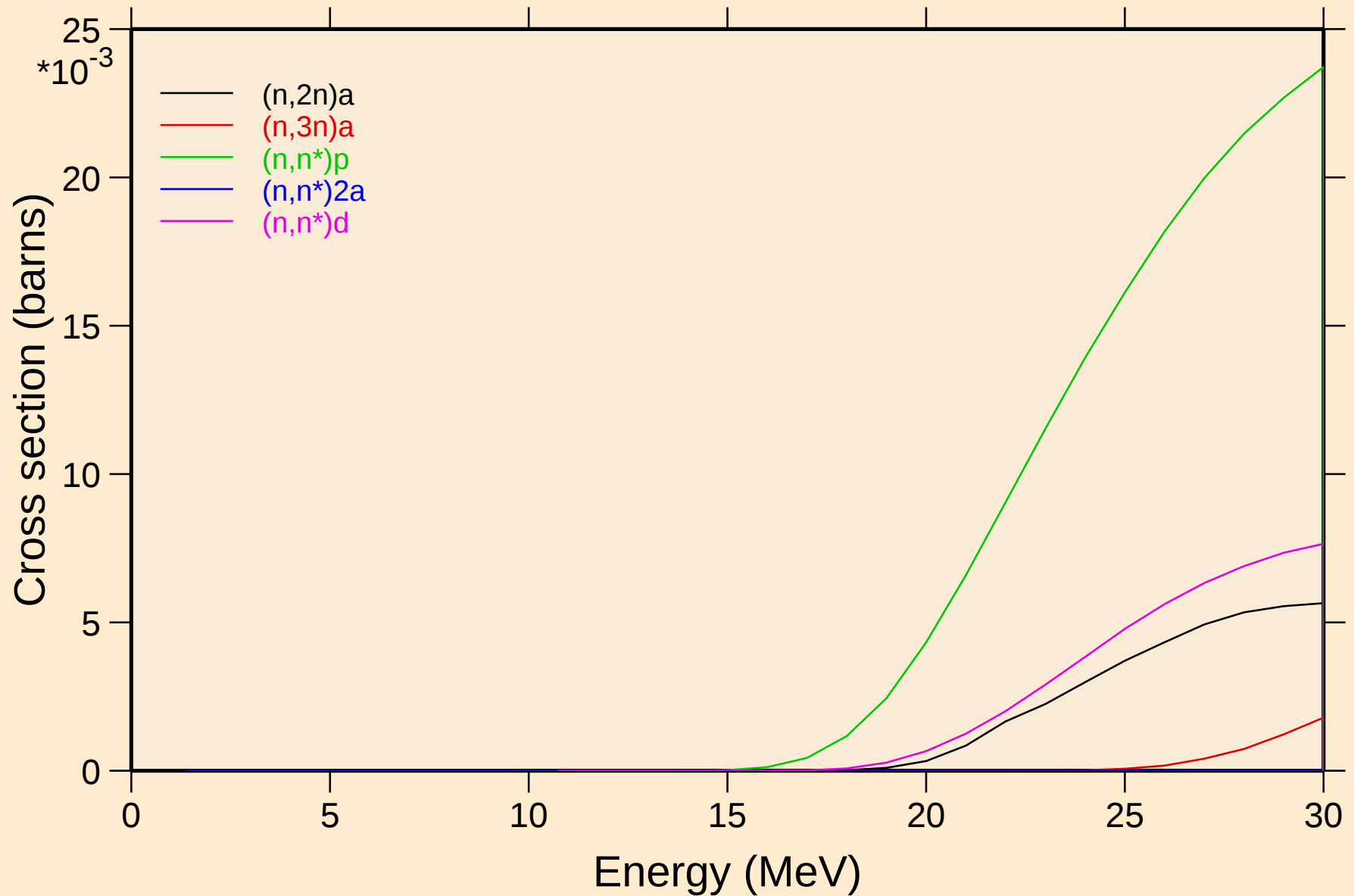
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



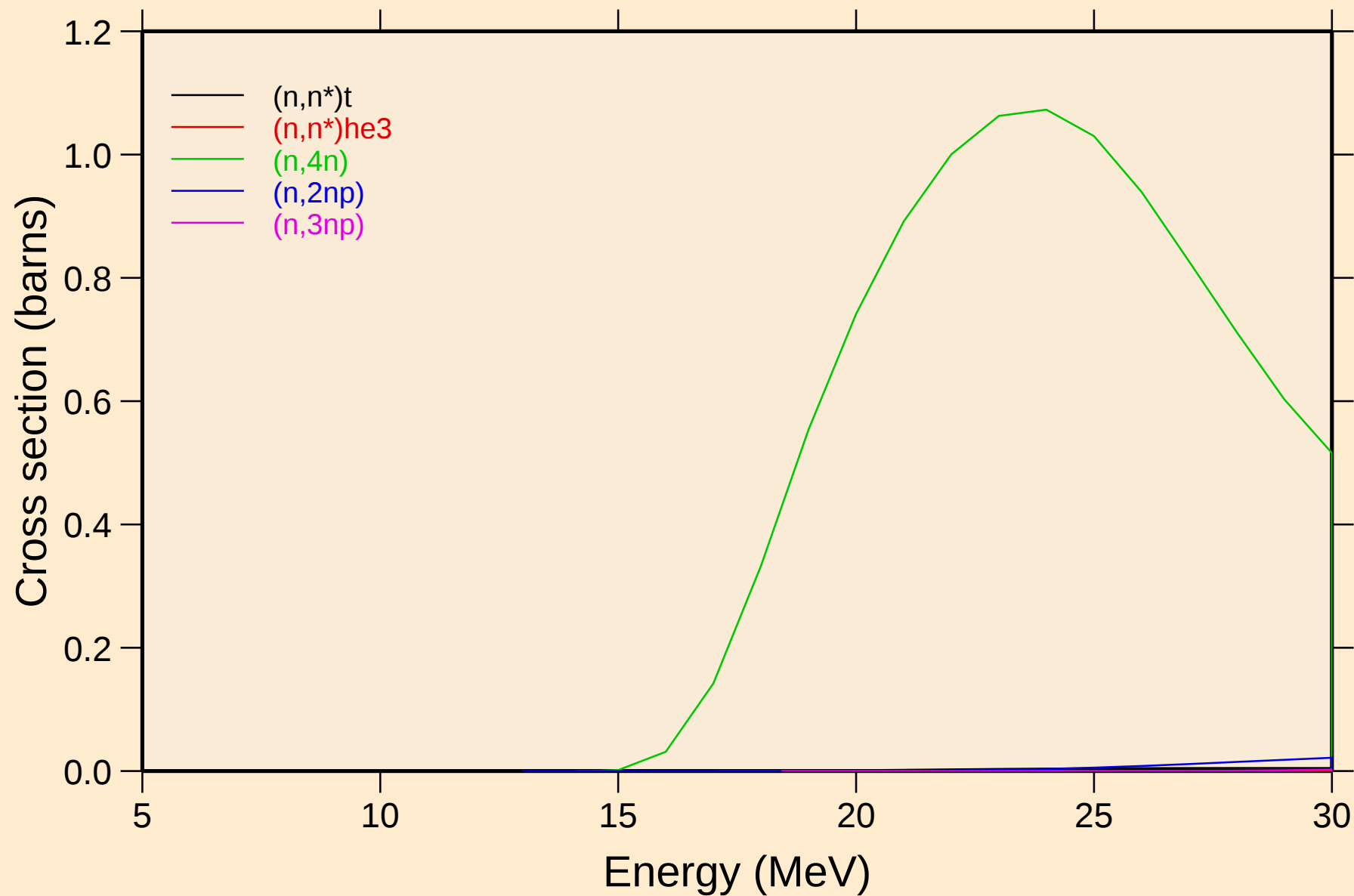
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



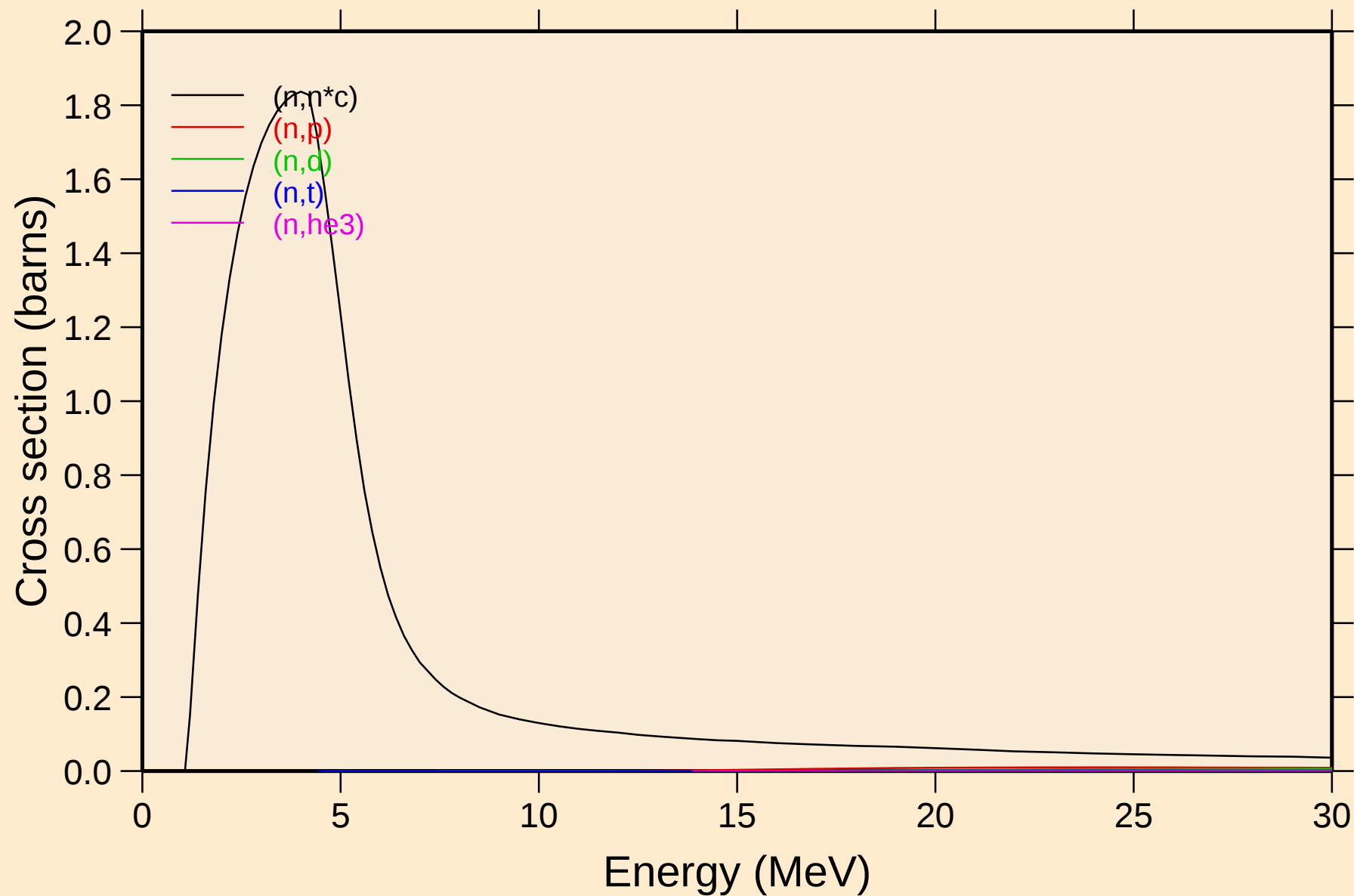
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



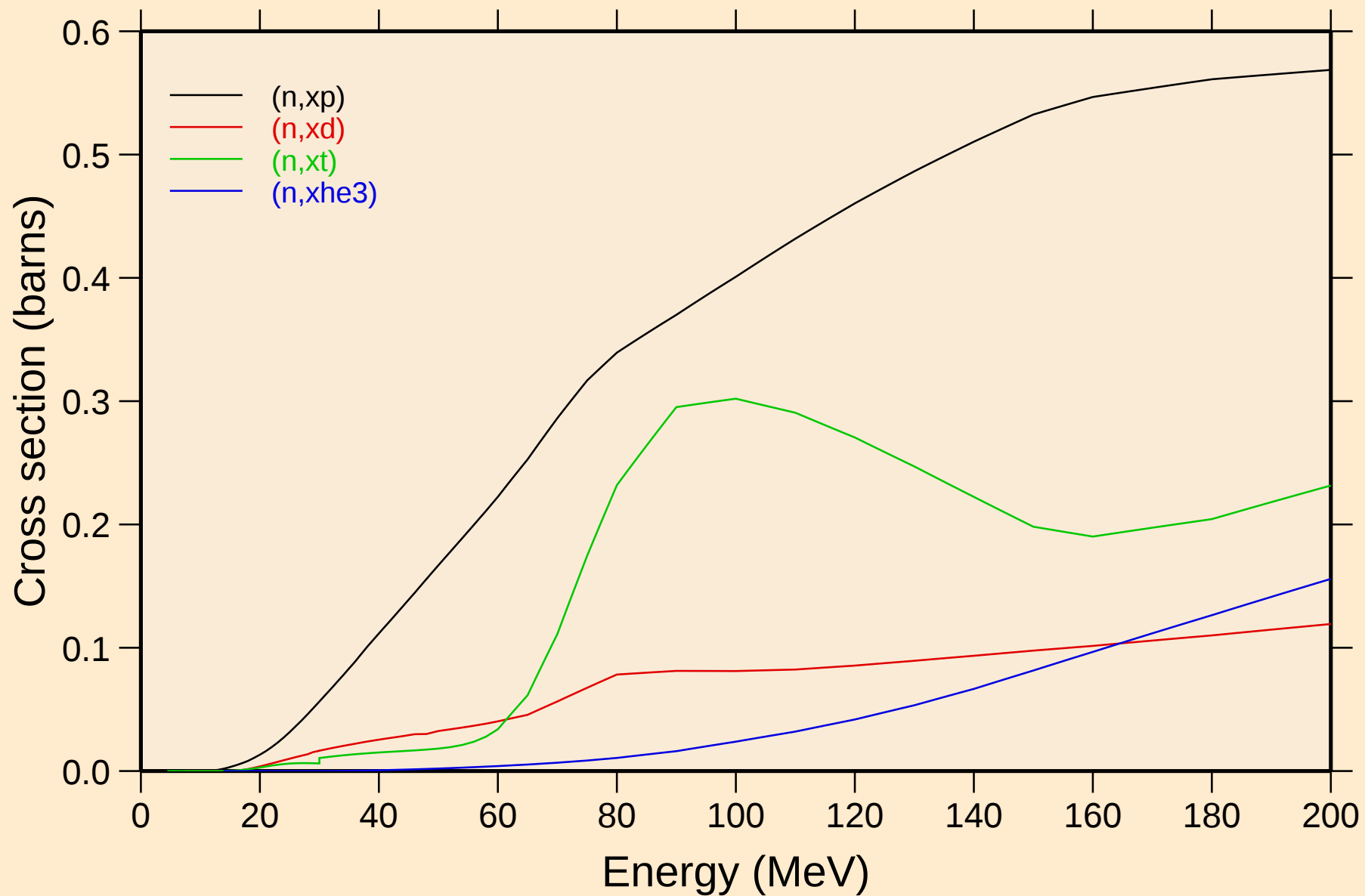
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

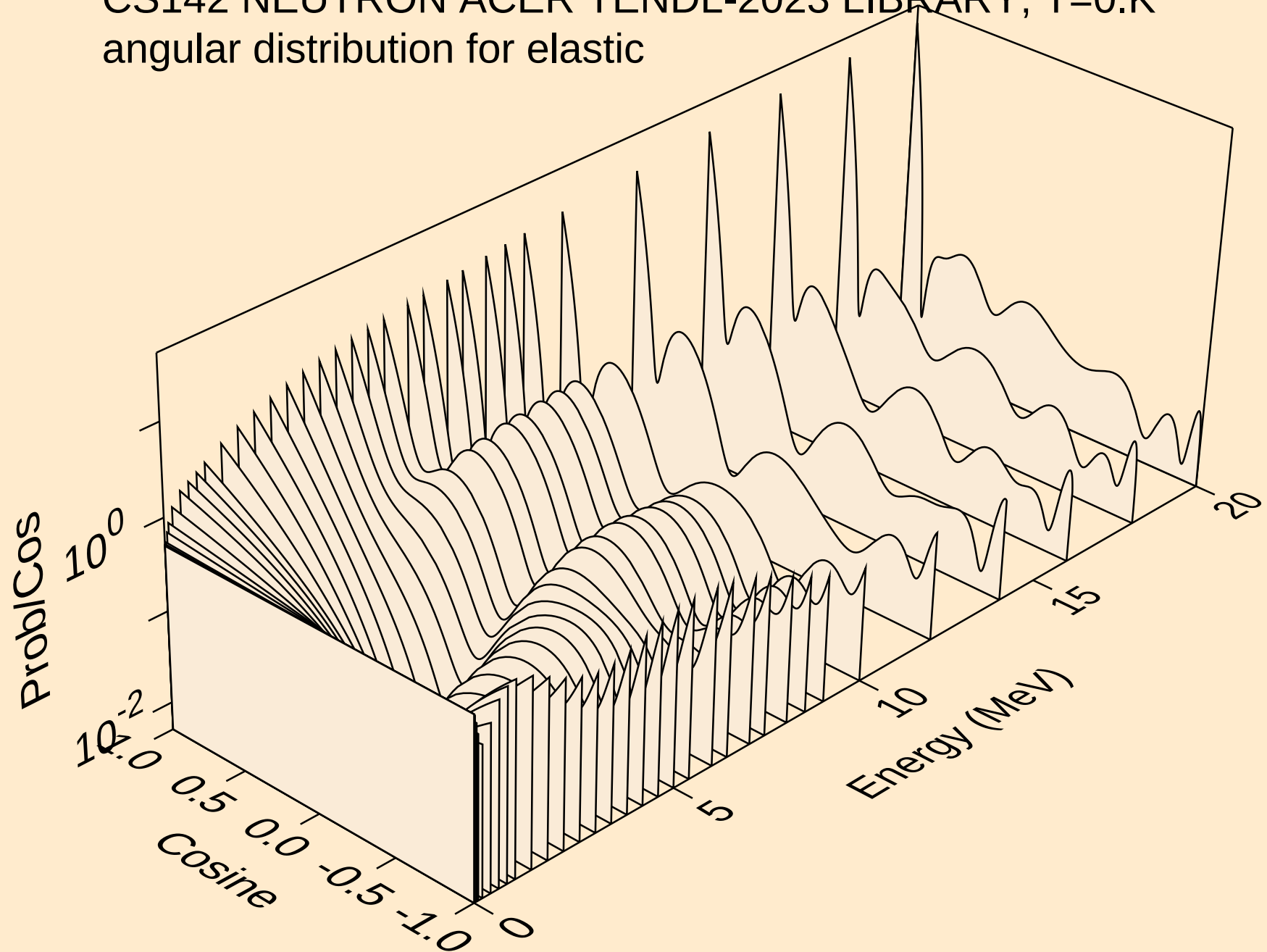


CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

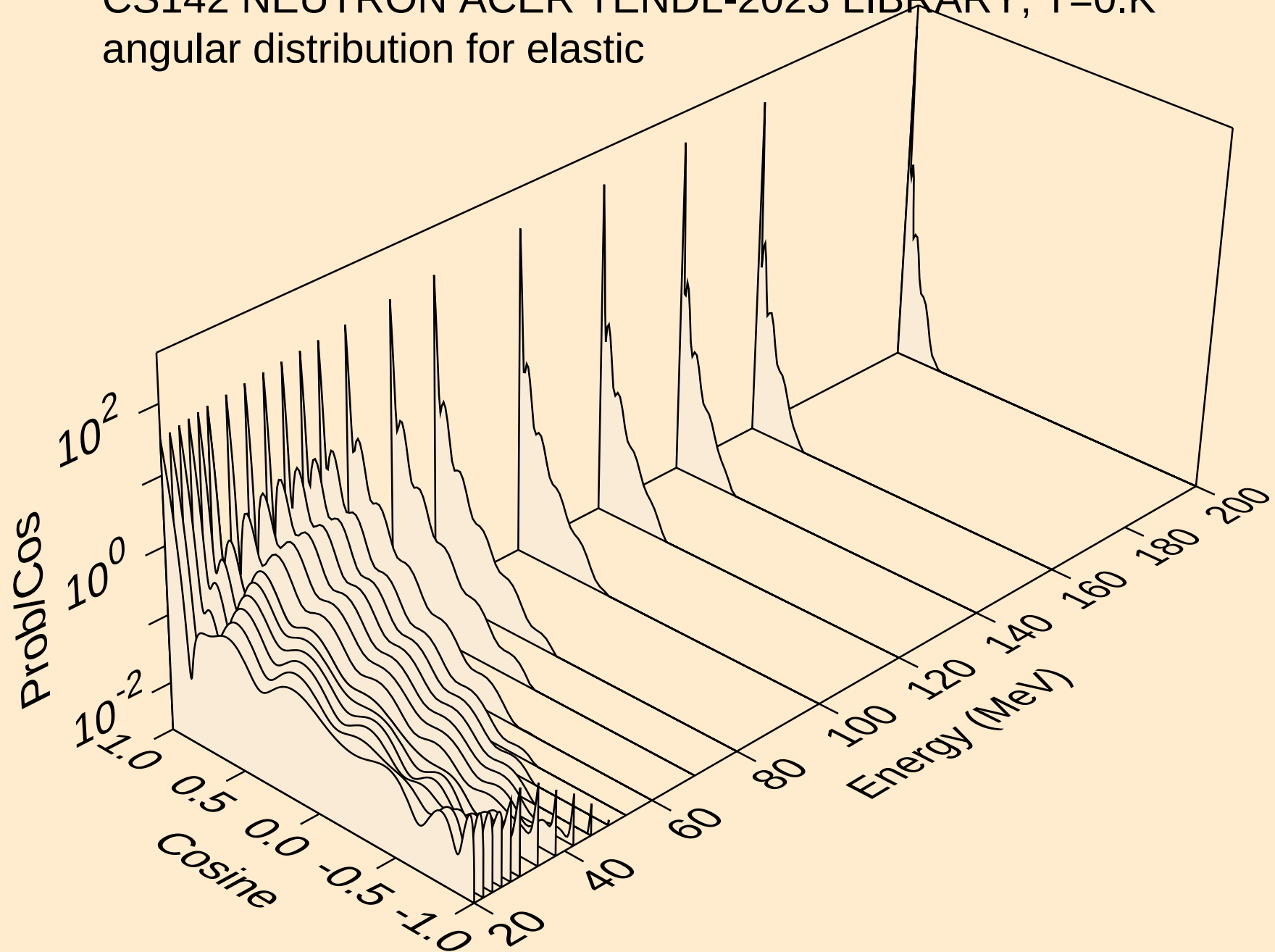
Threshold reactions



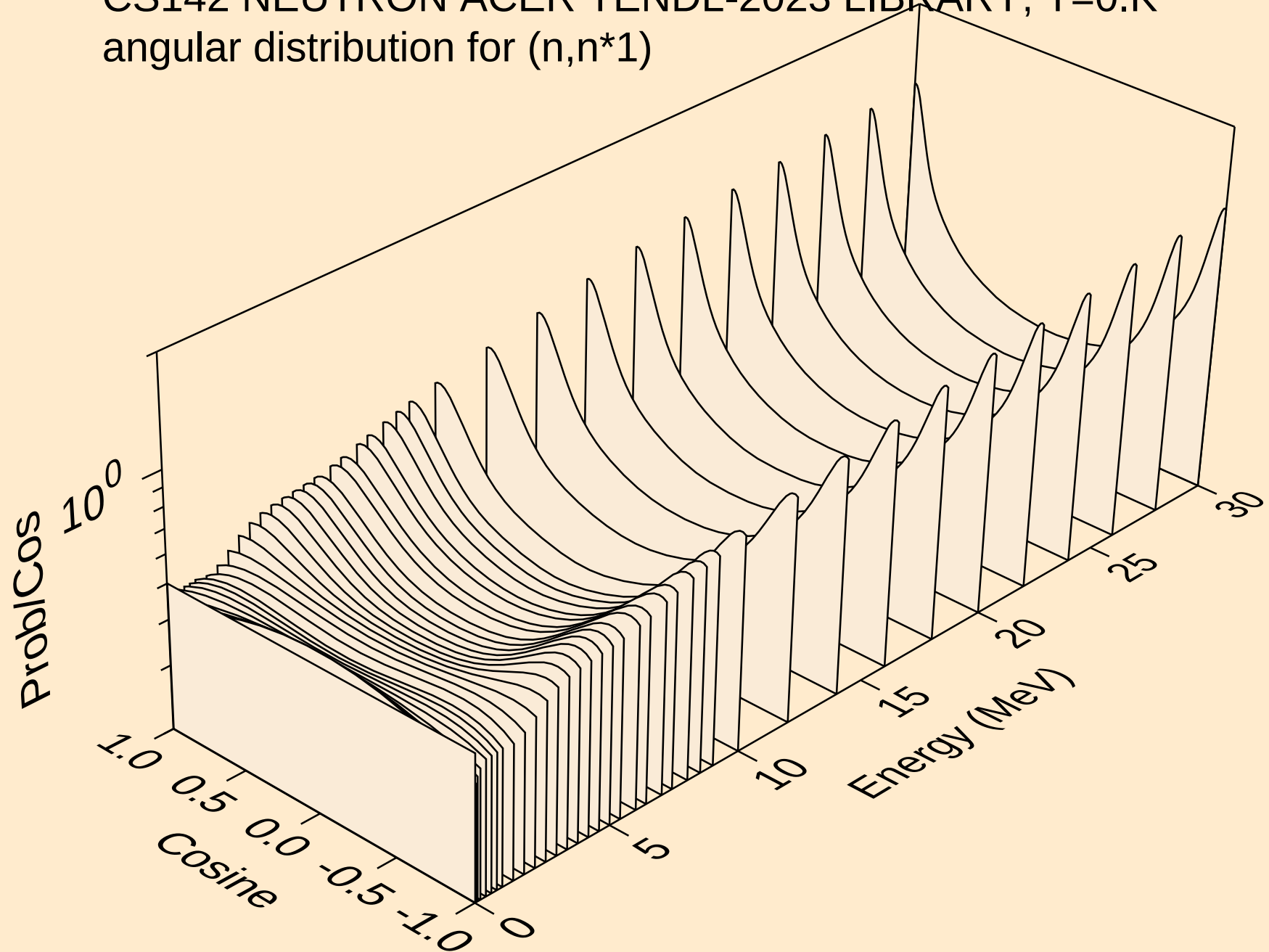
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



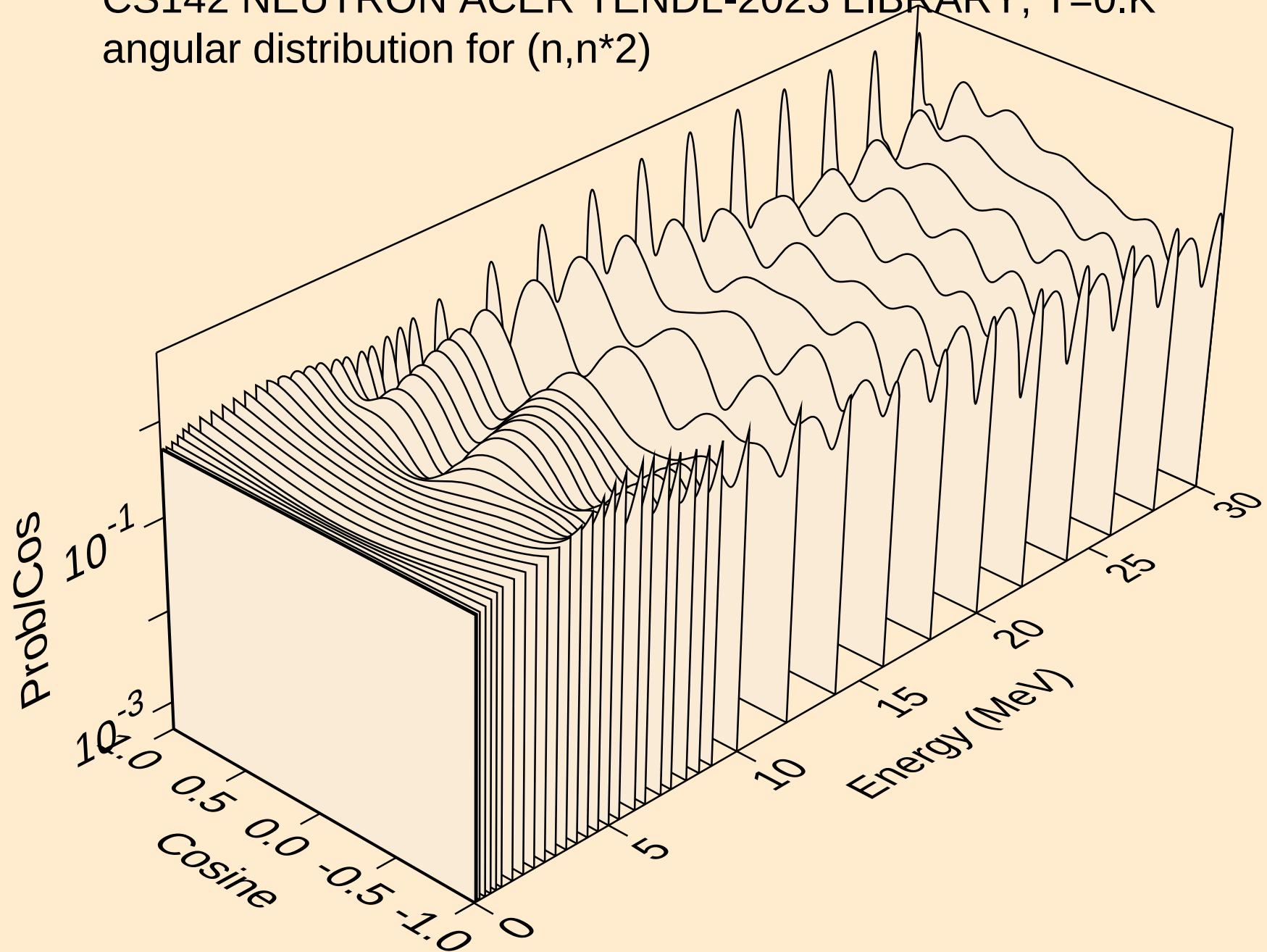
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



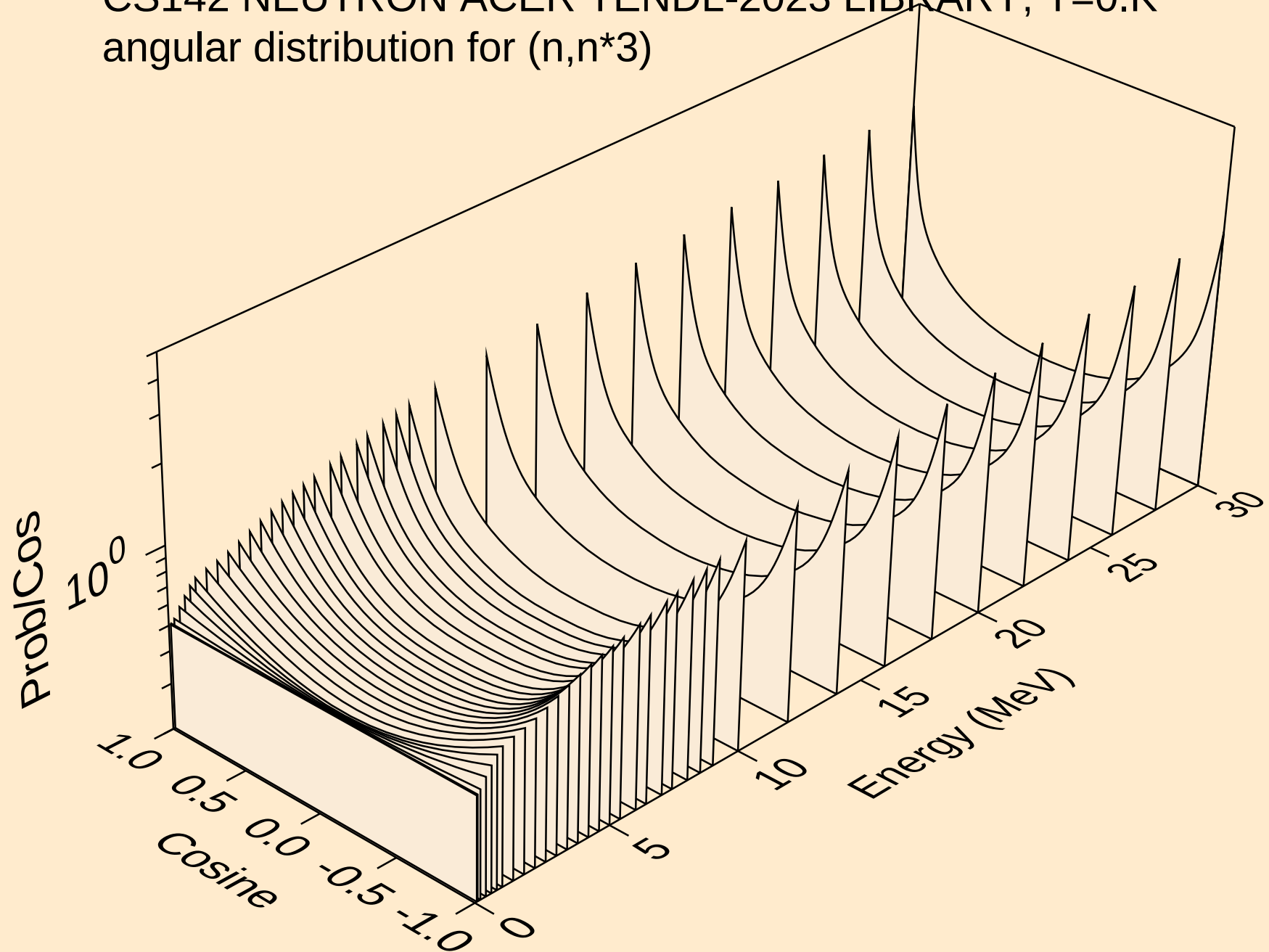
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



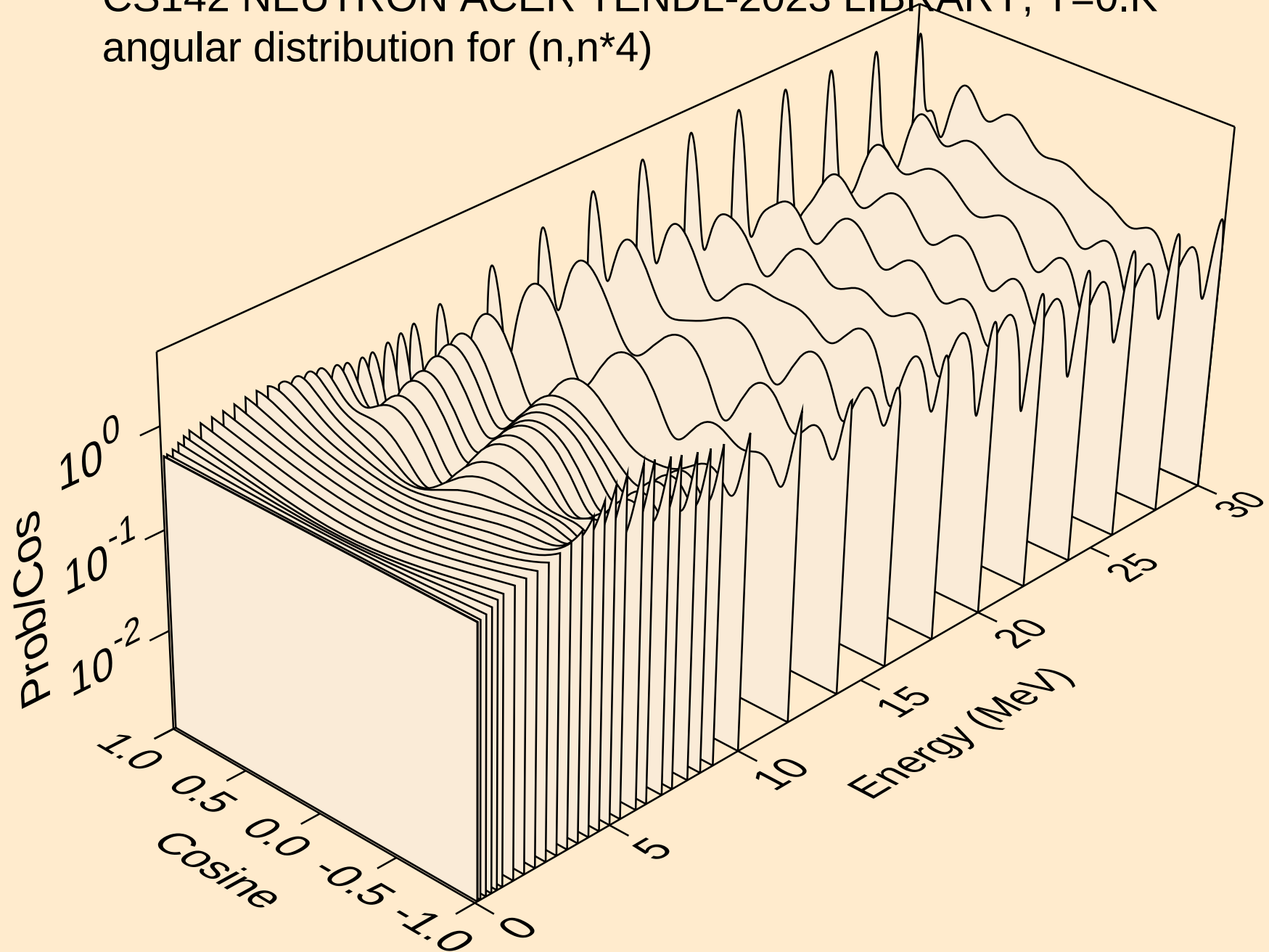
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



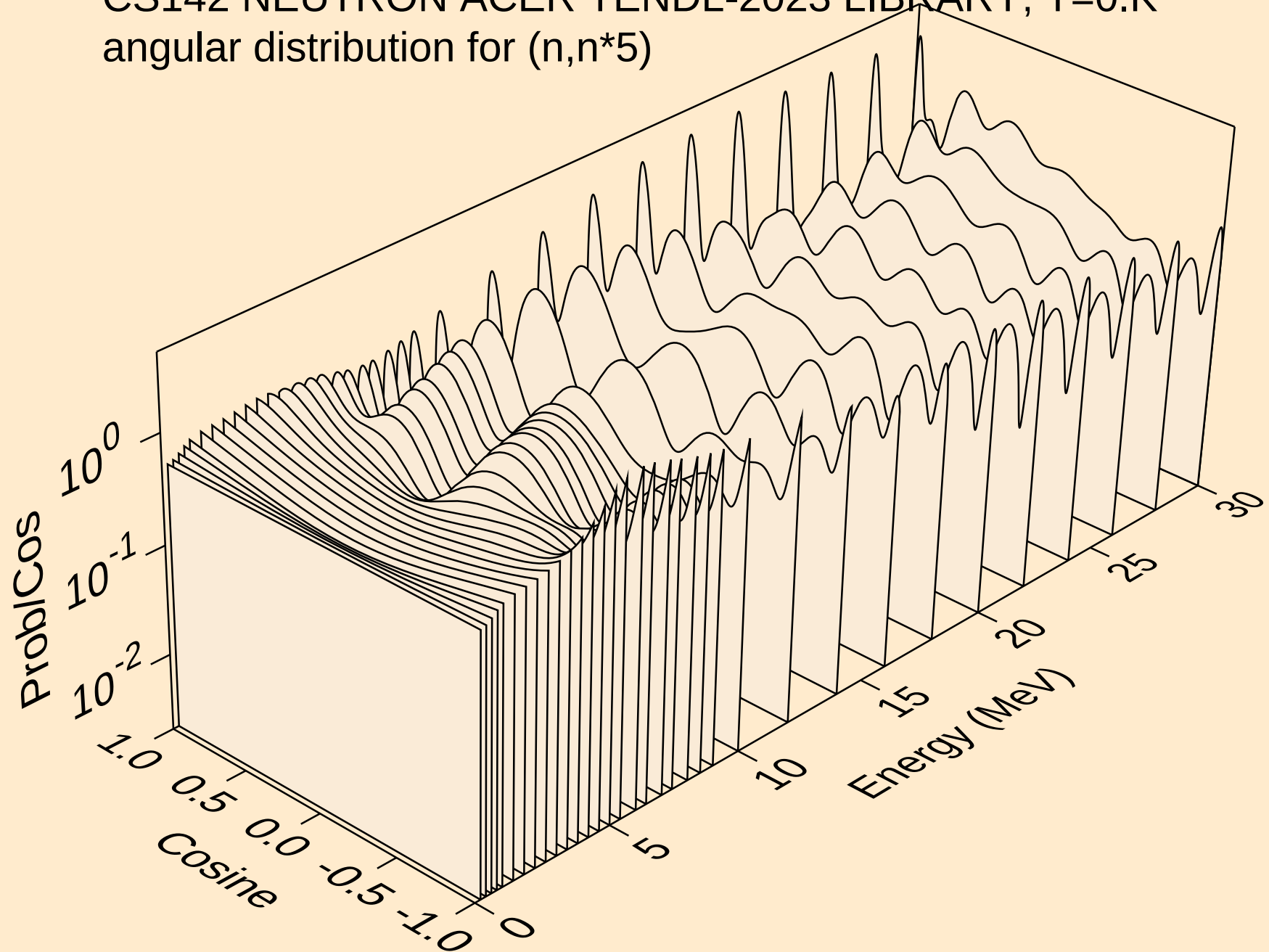
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



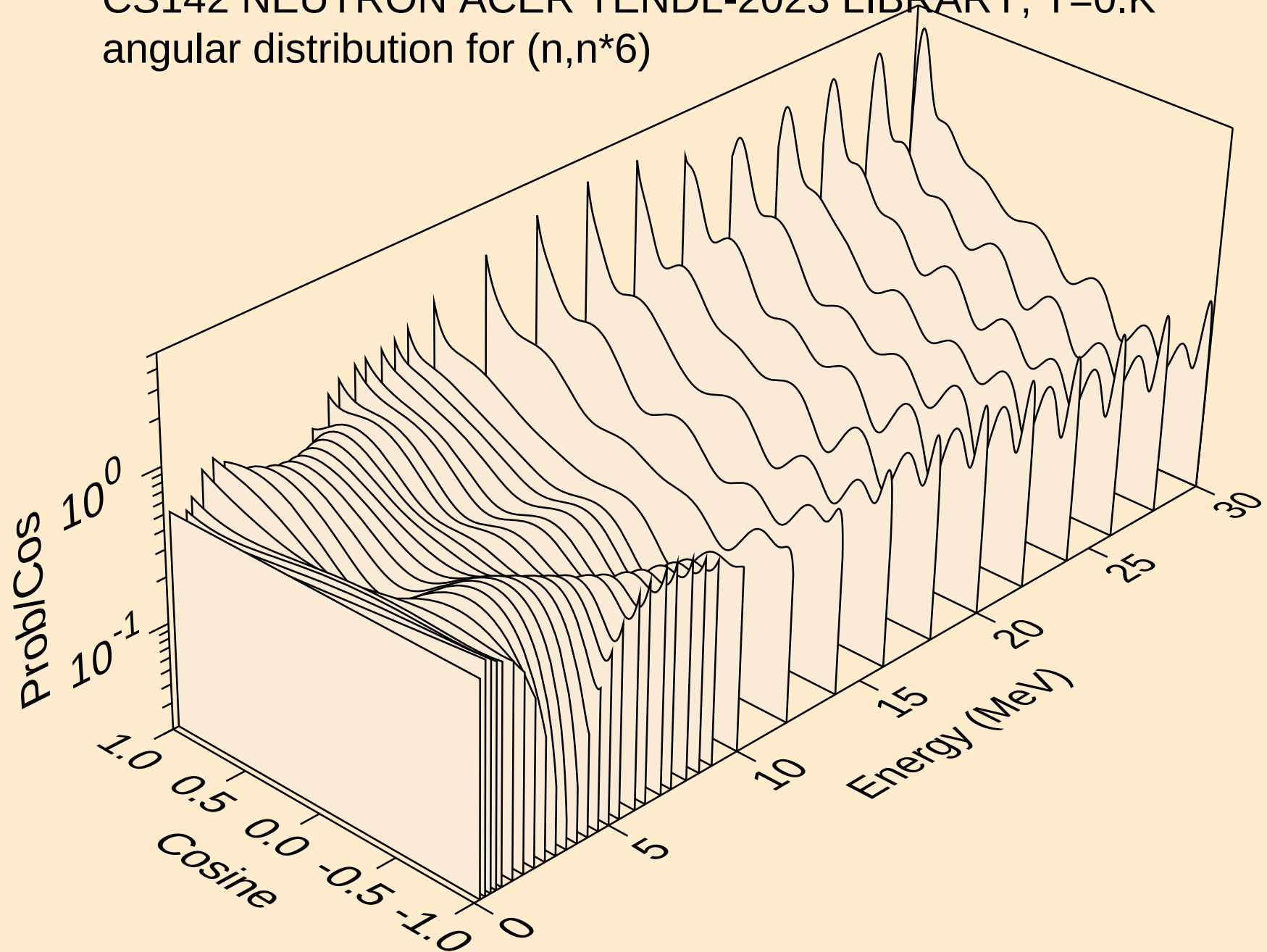
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



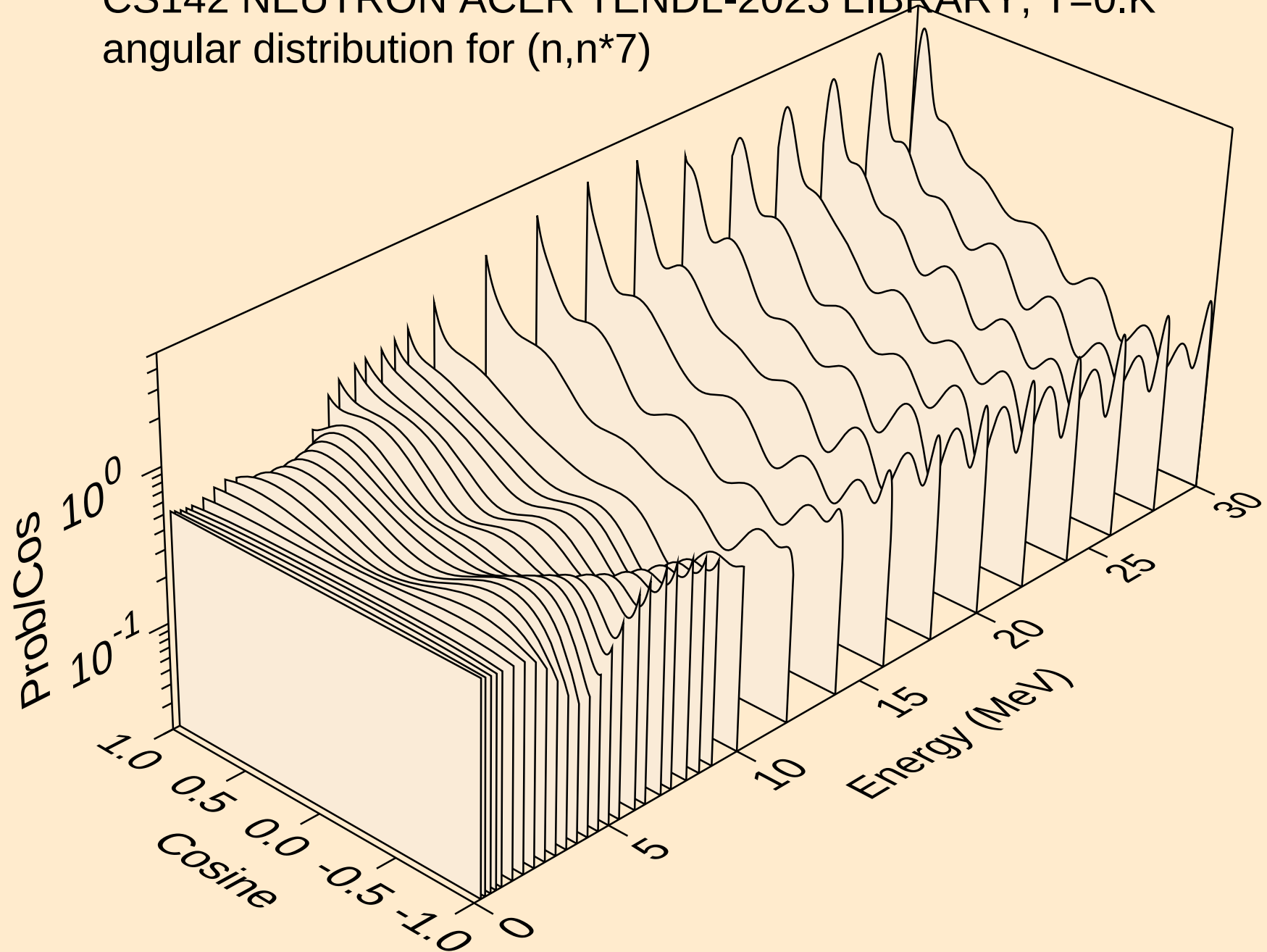
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



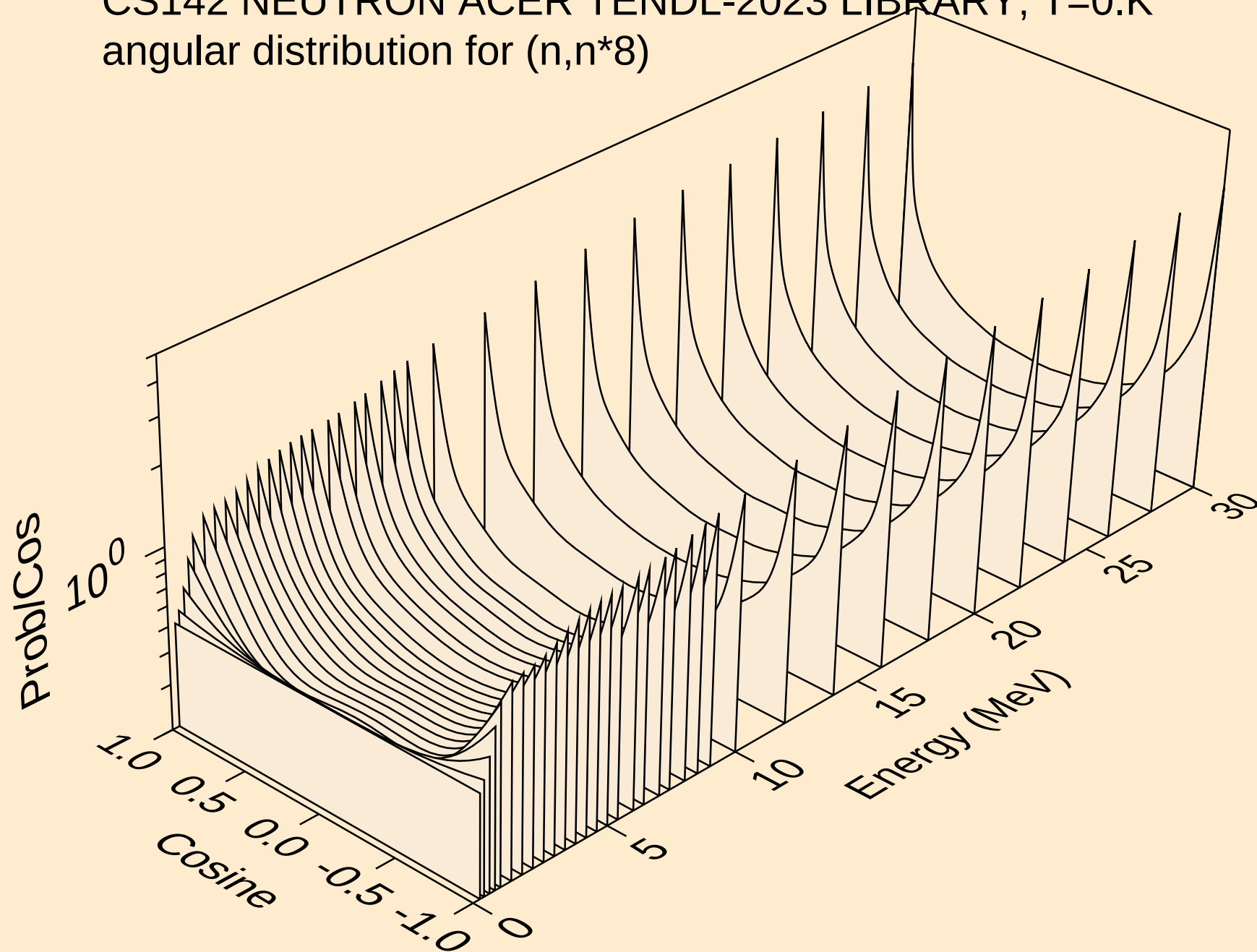
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



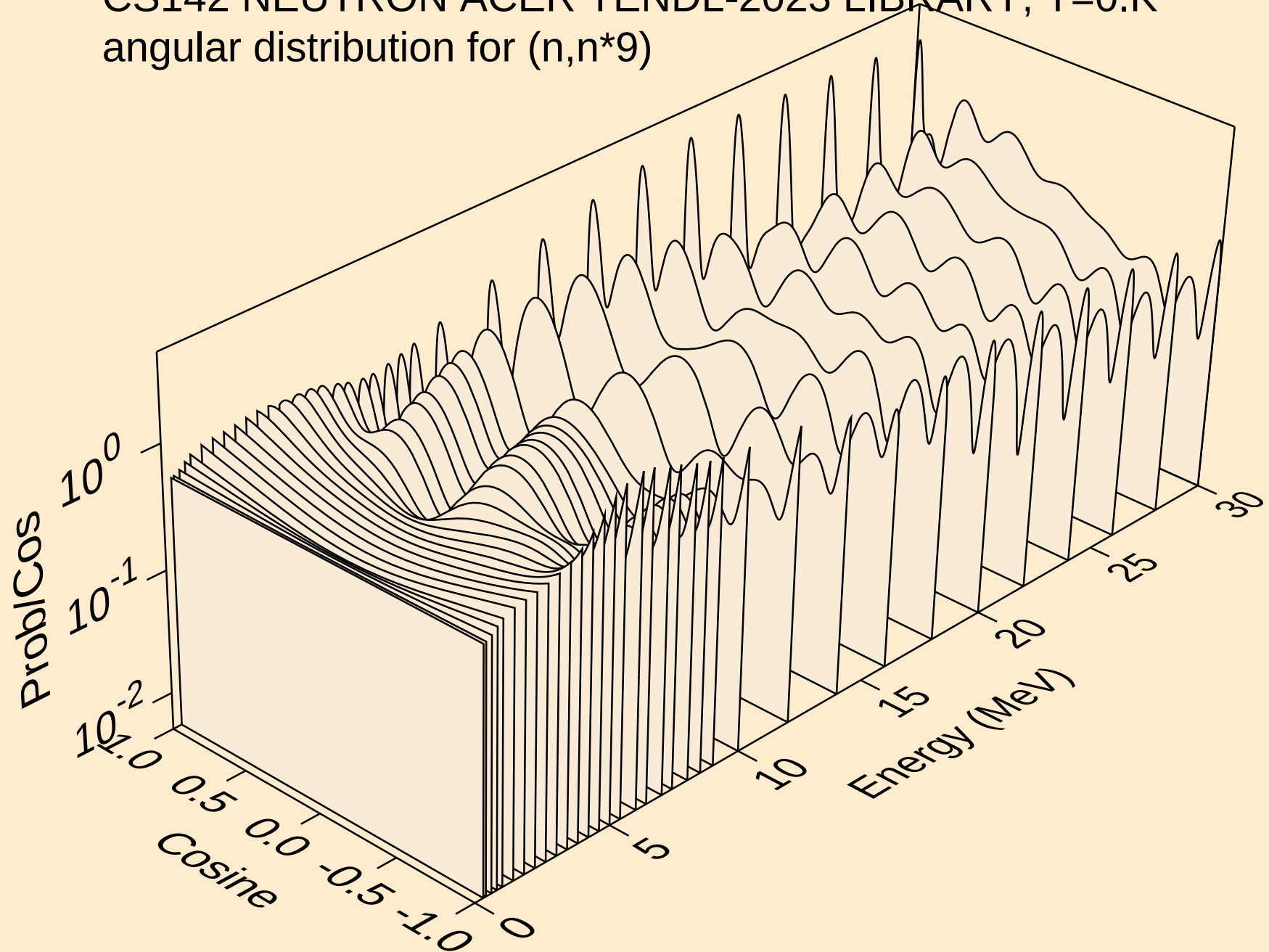
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



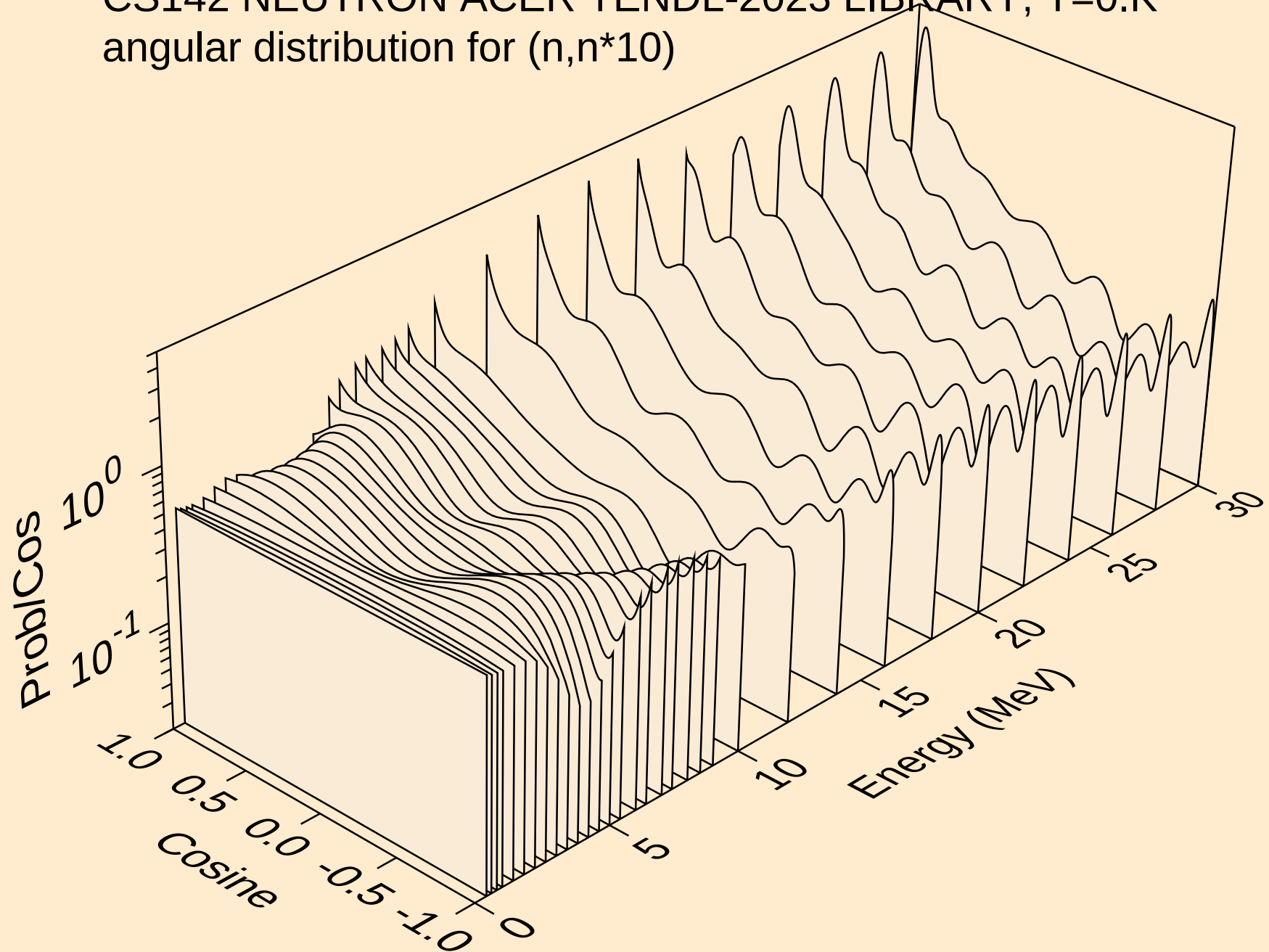
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



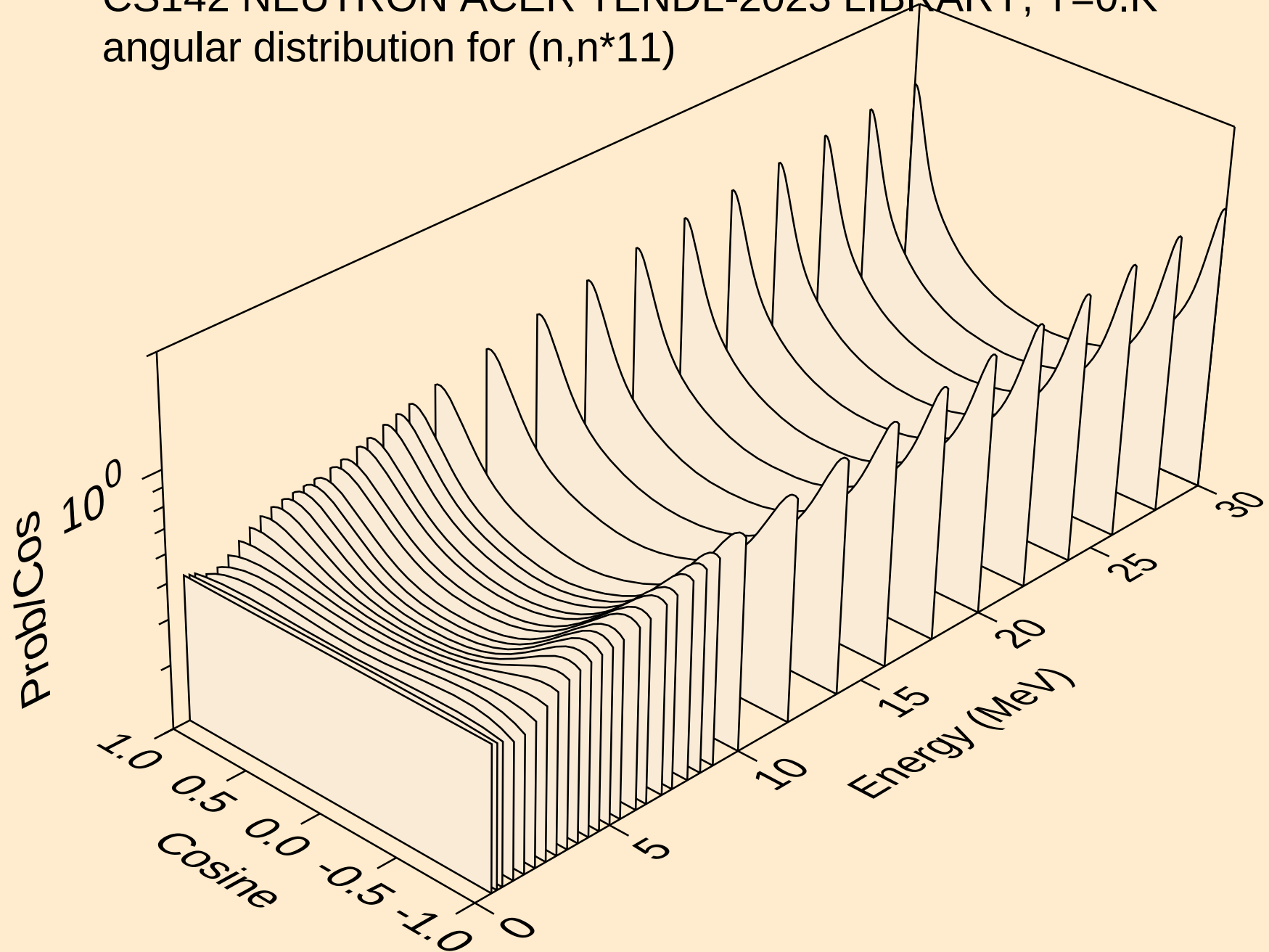
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



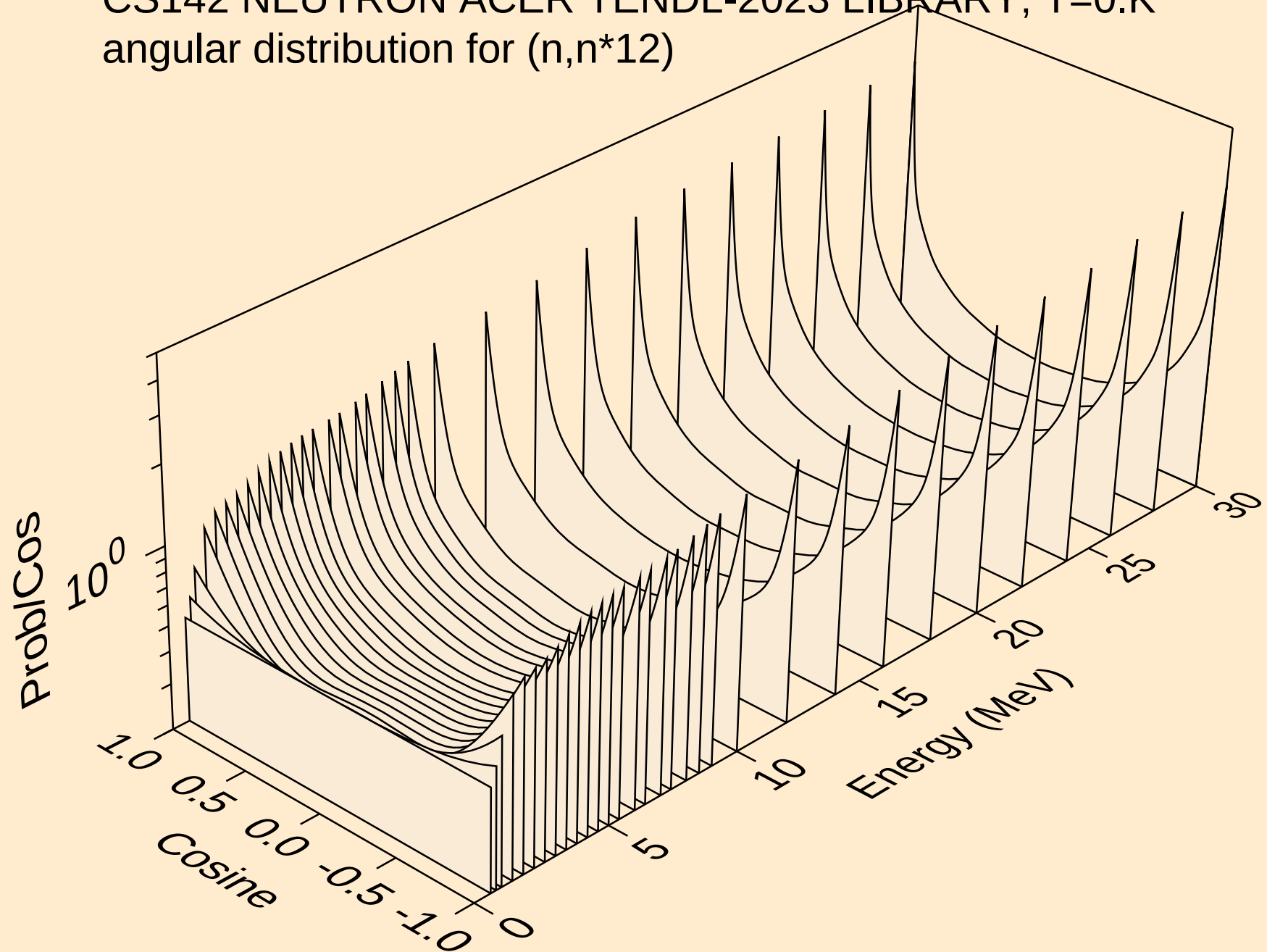
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



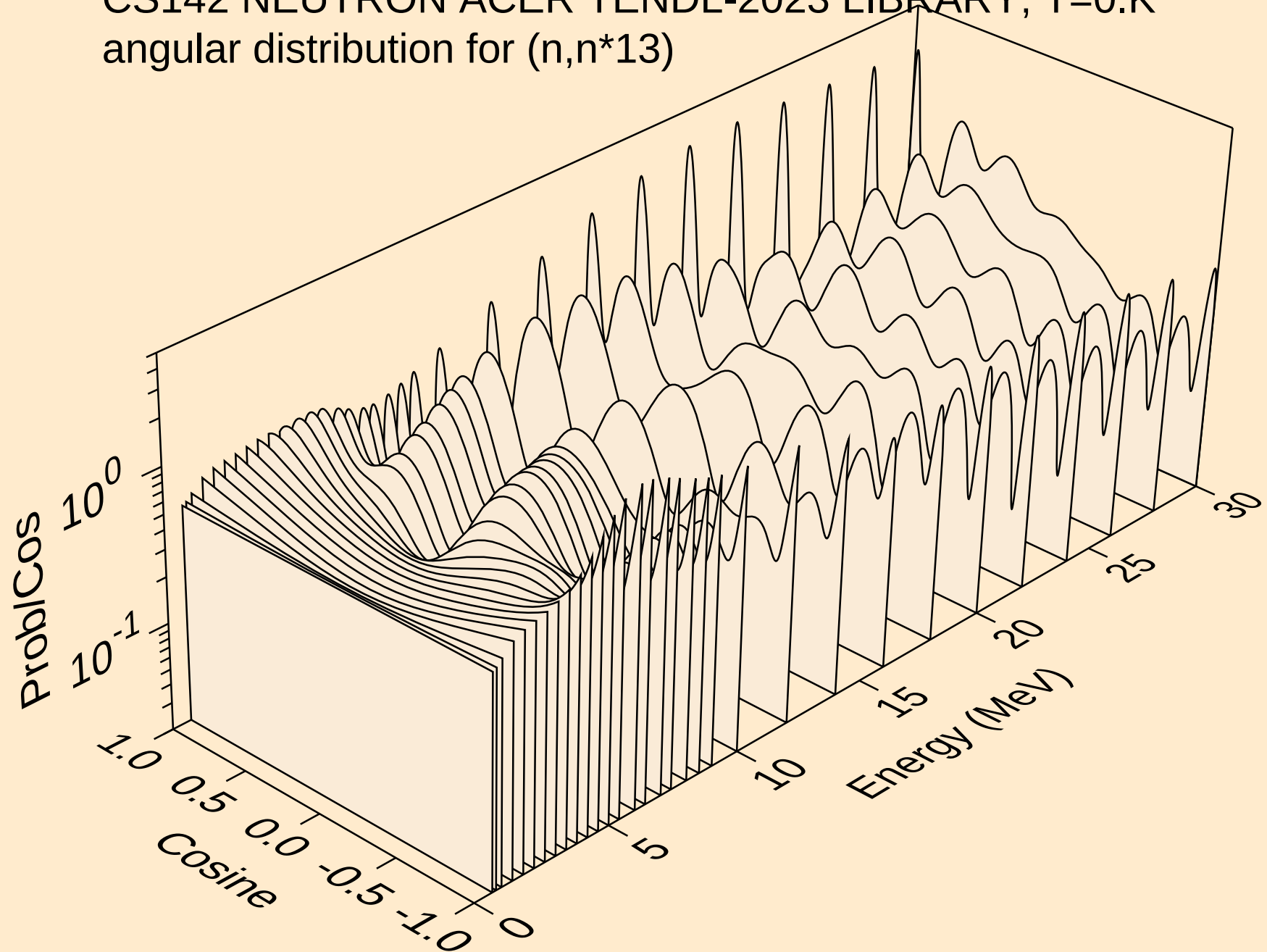
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



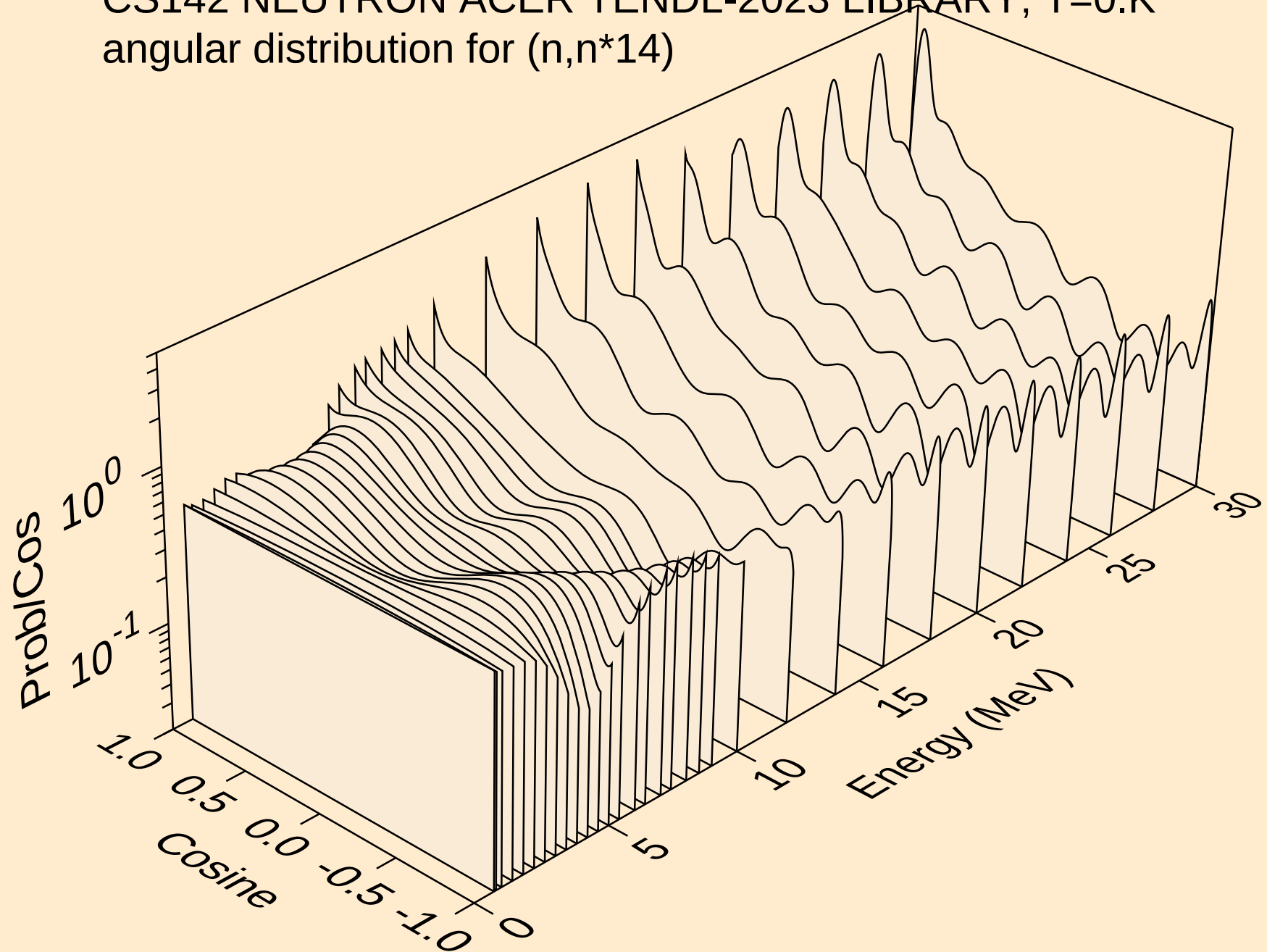
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



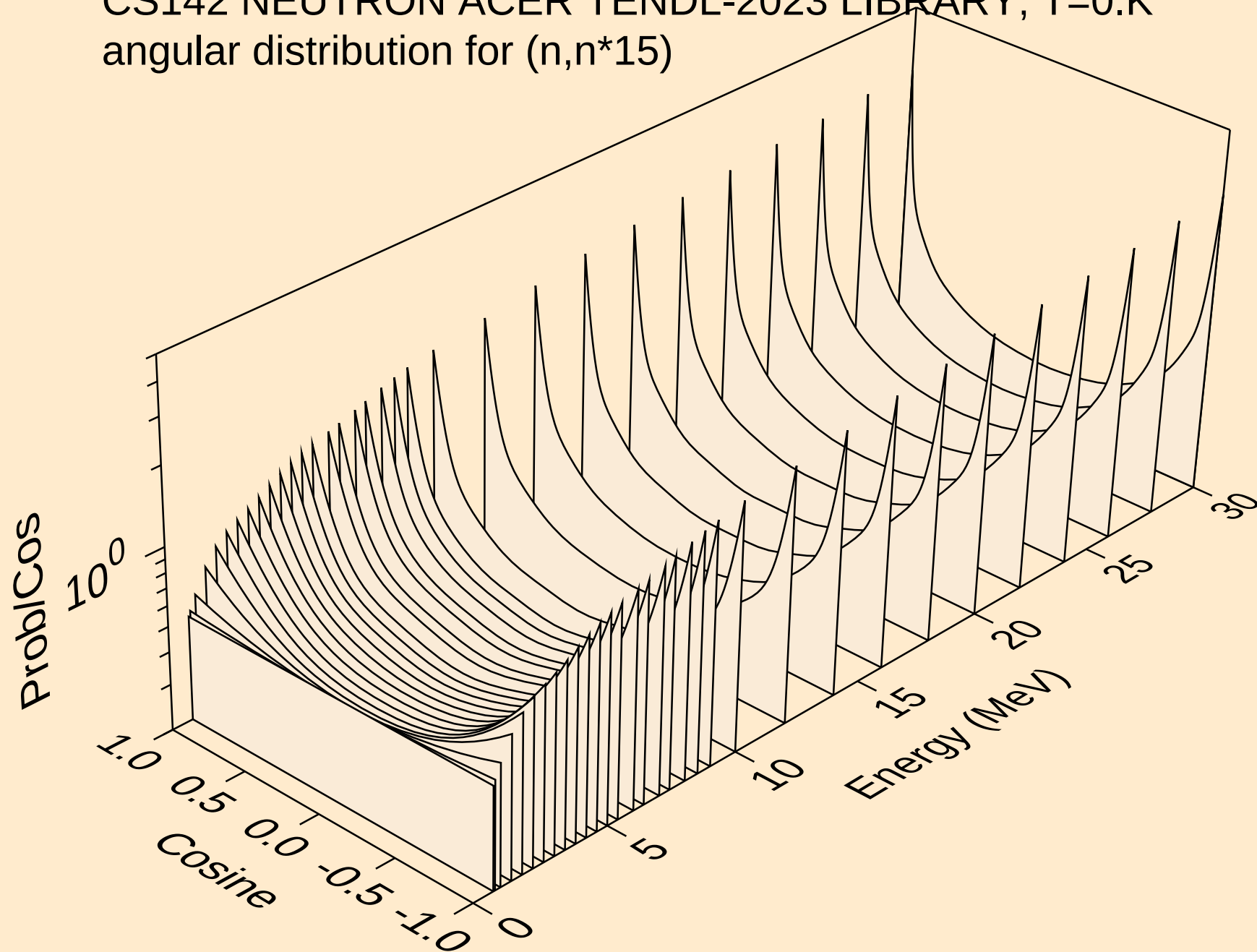
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



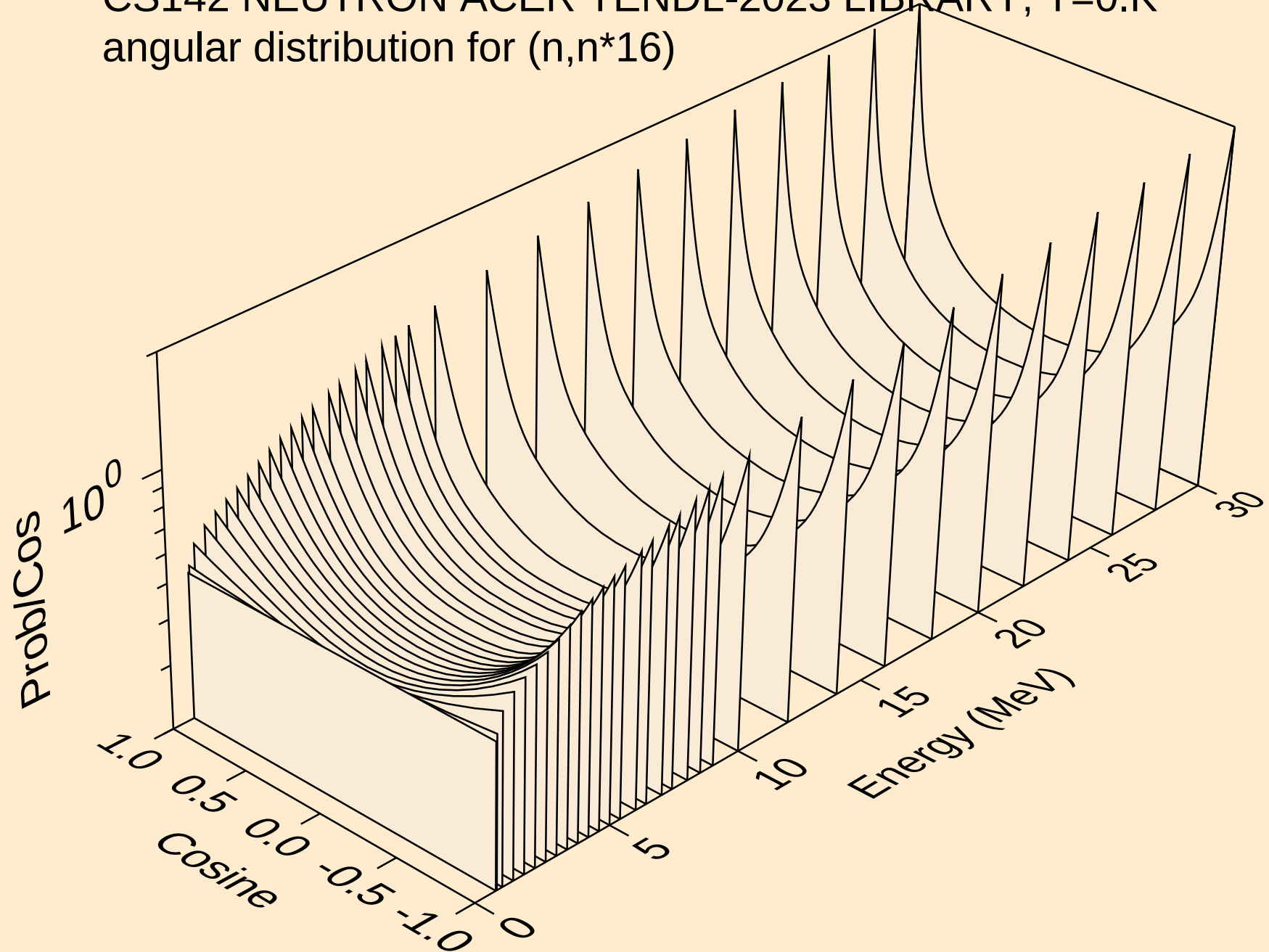
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



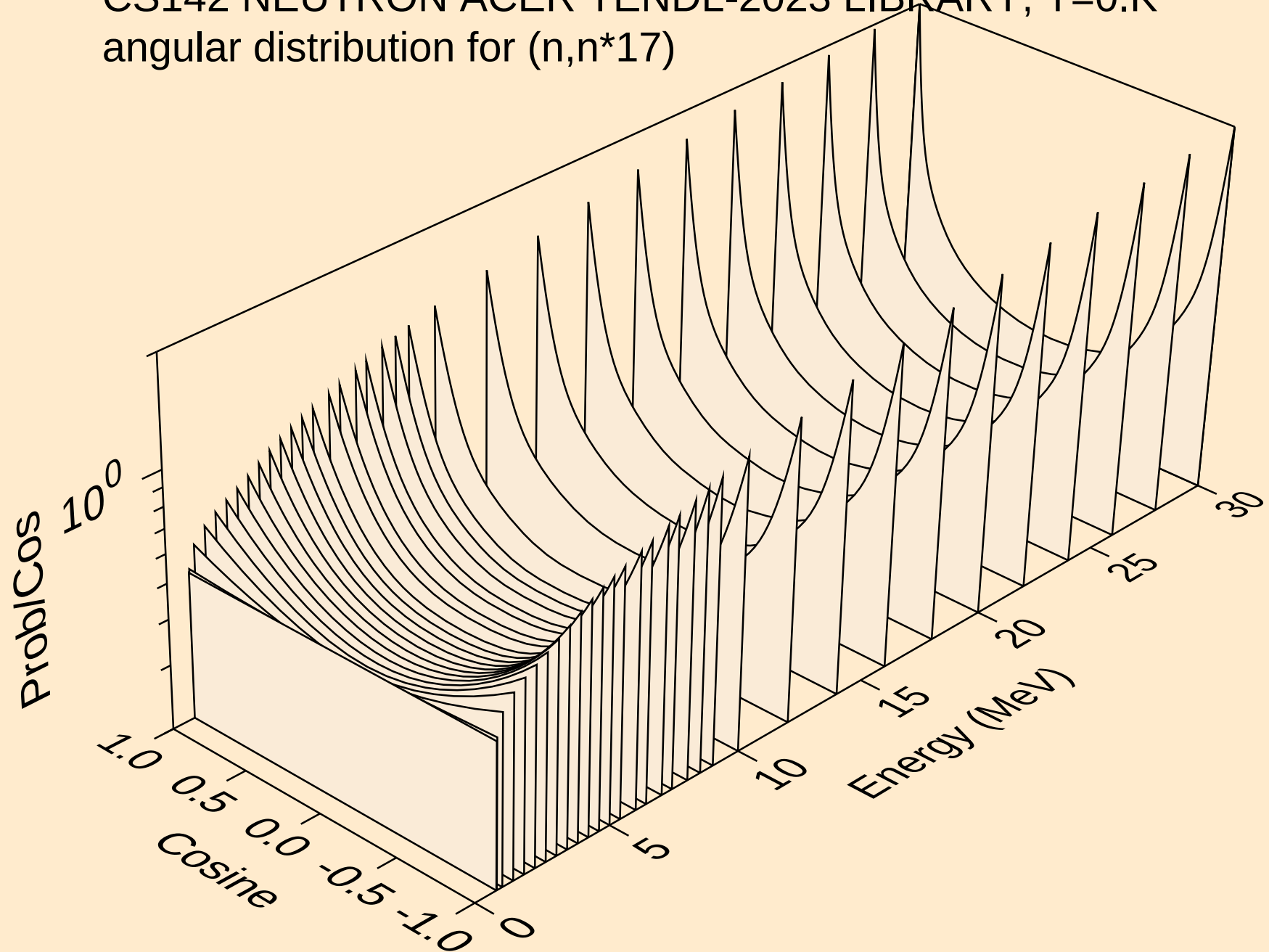
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



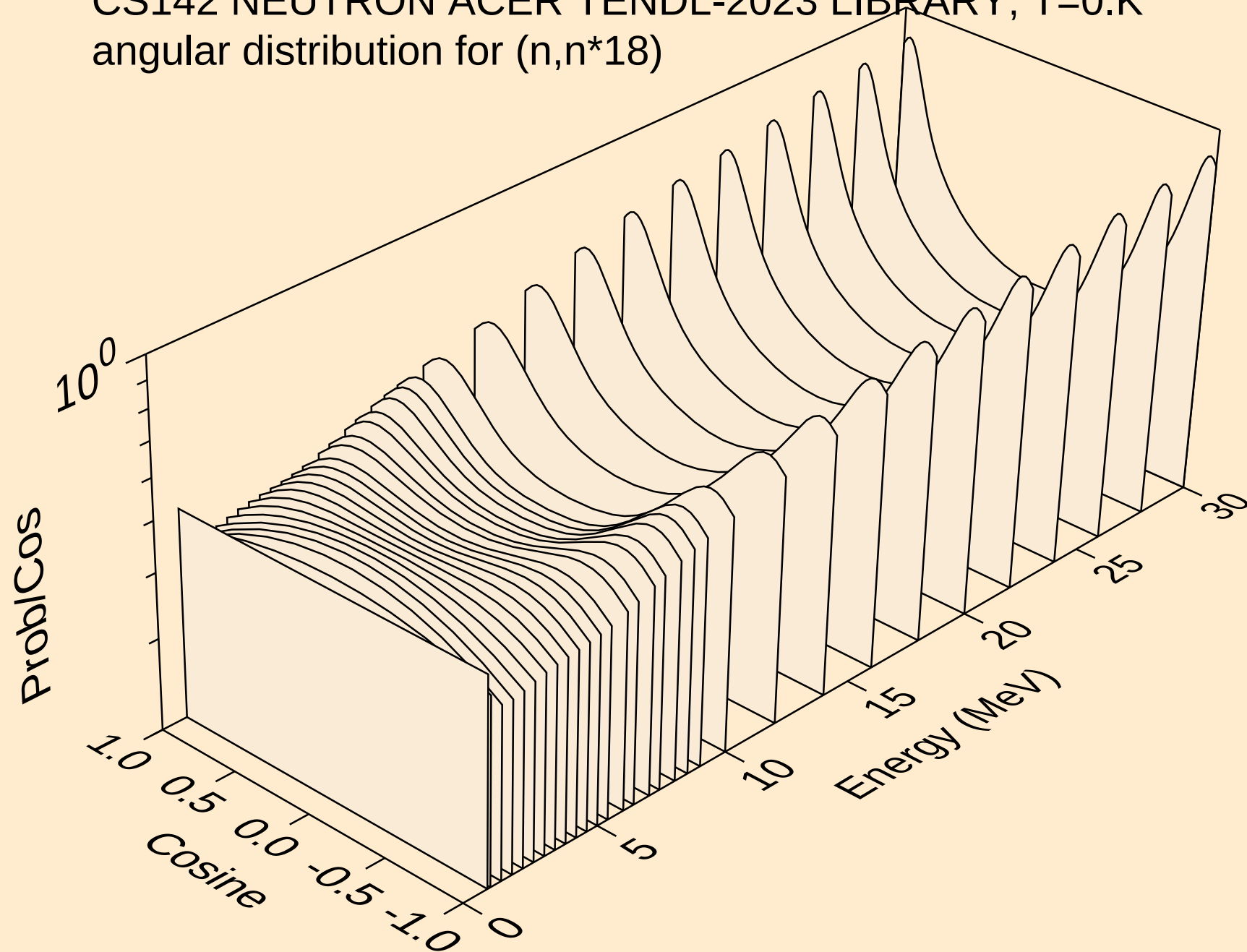
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



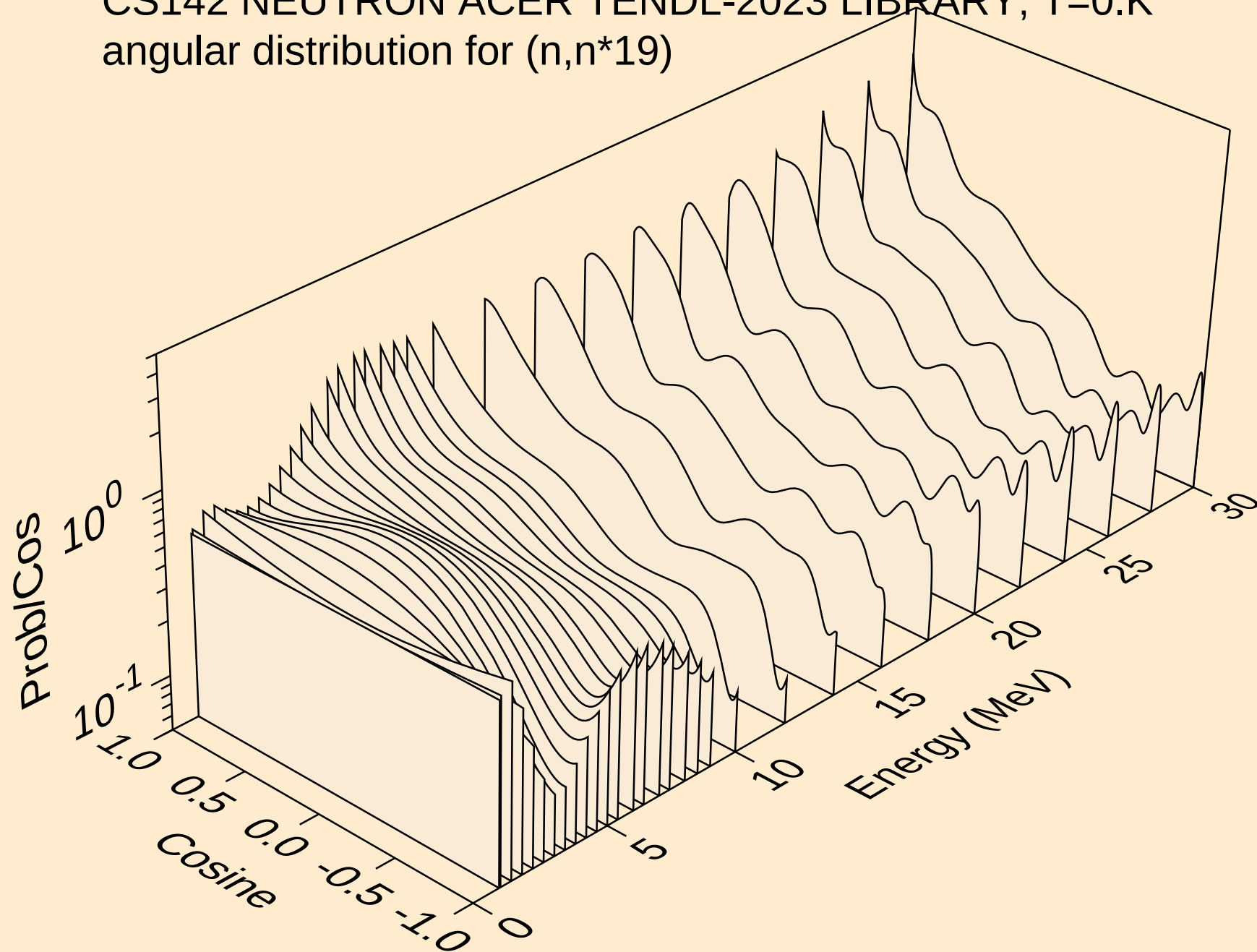
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



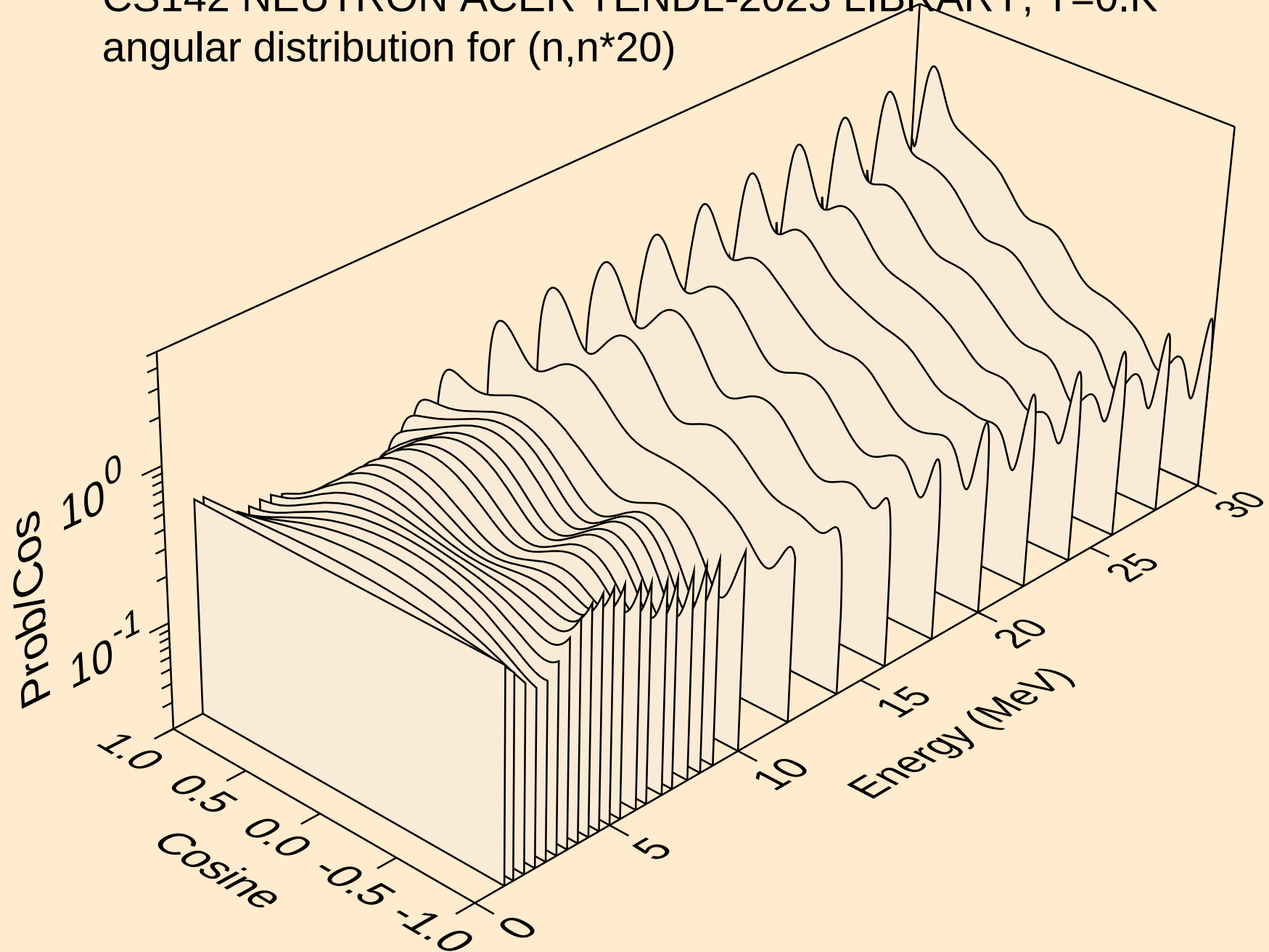
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



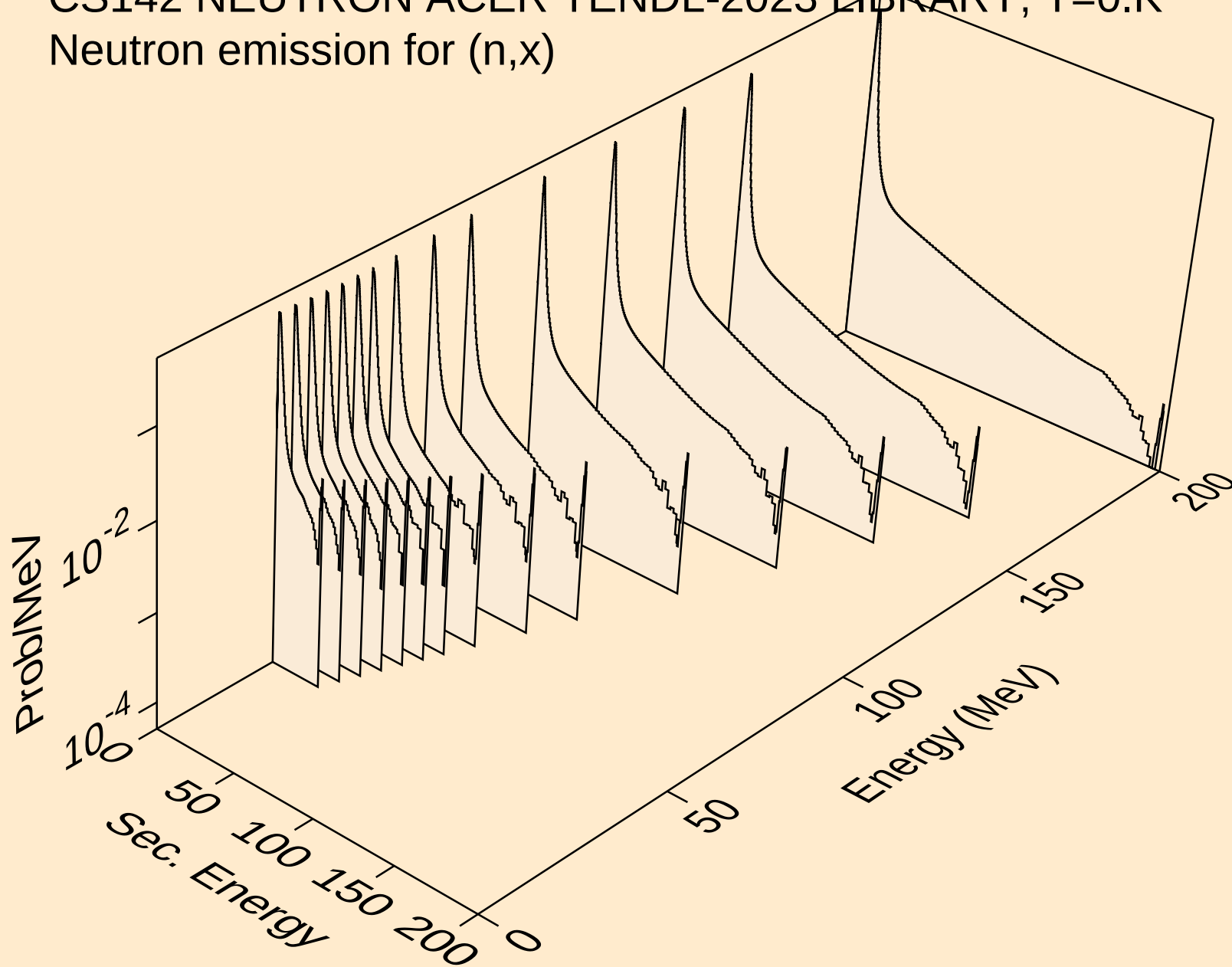
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



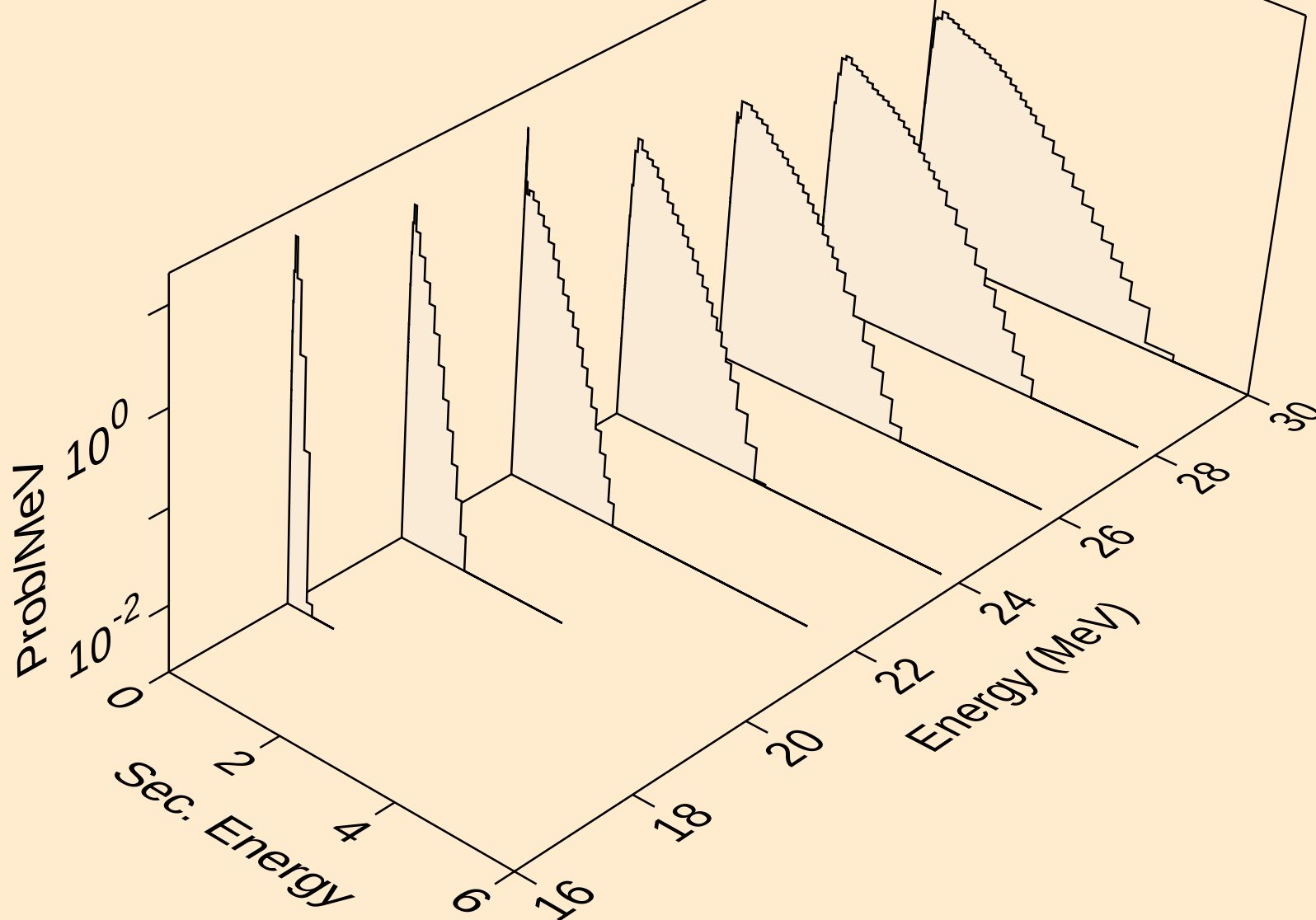
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



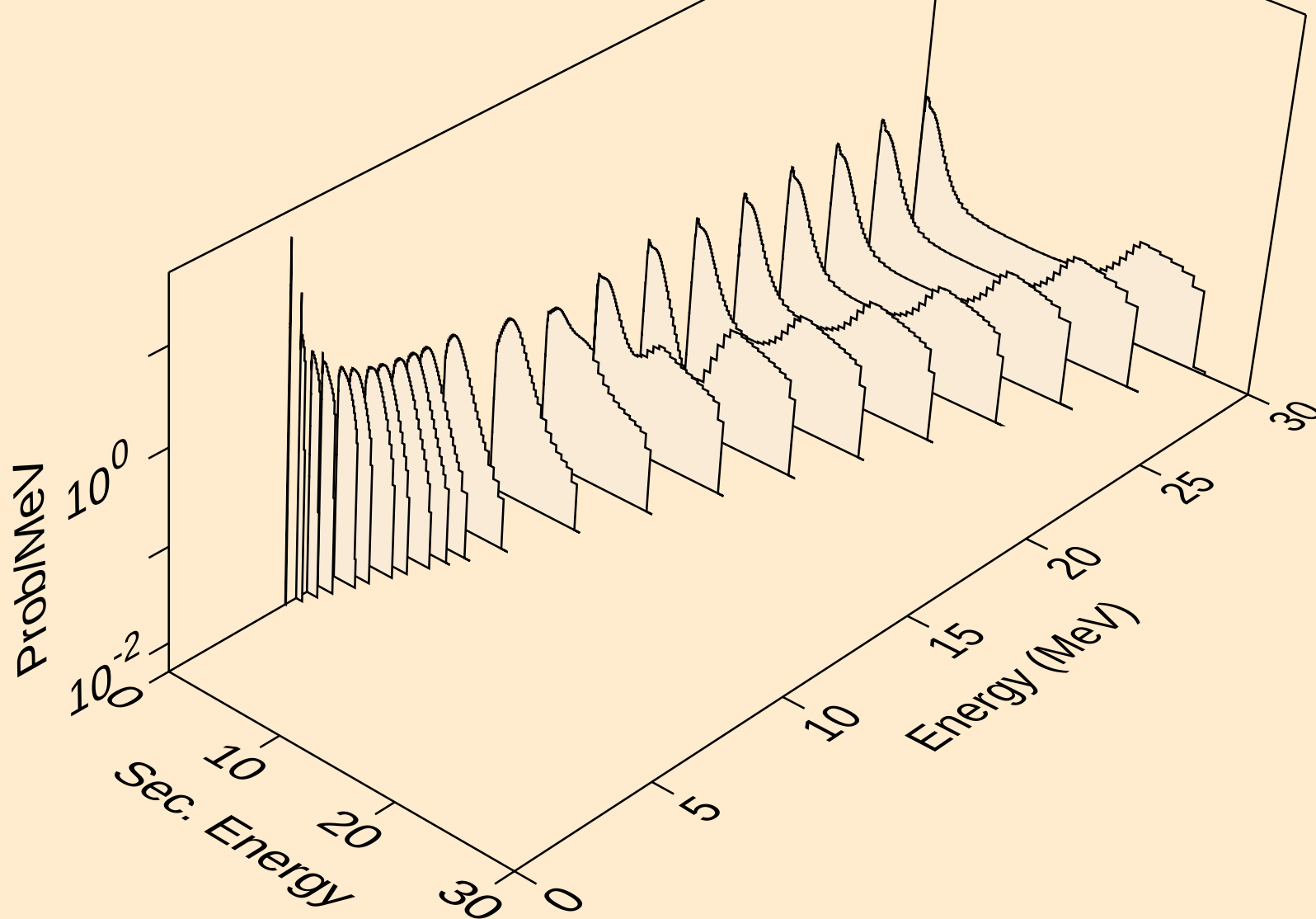
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



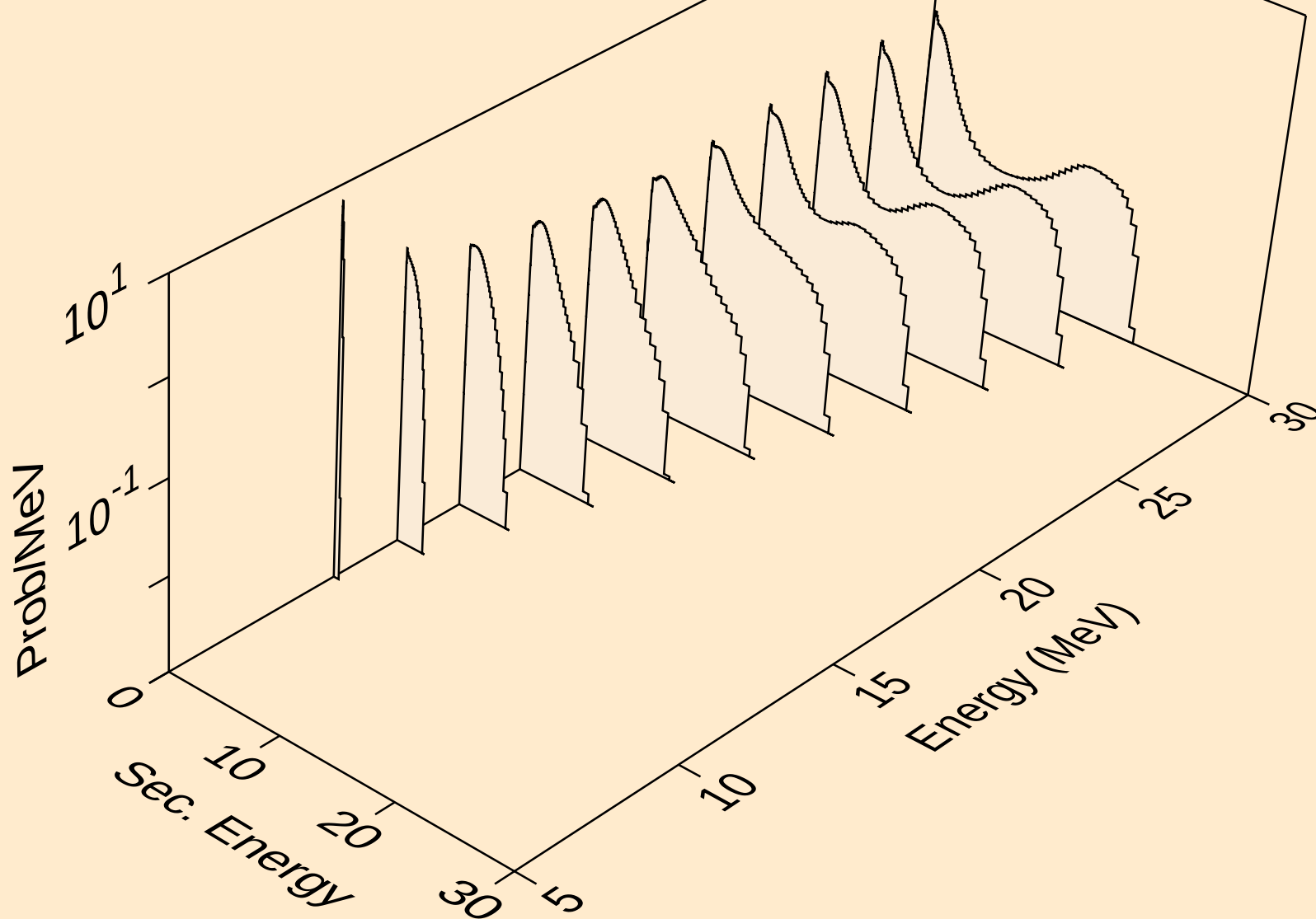
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



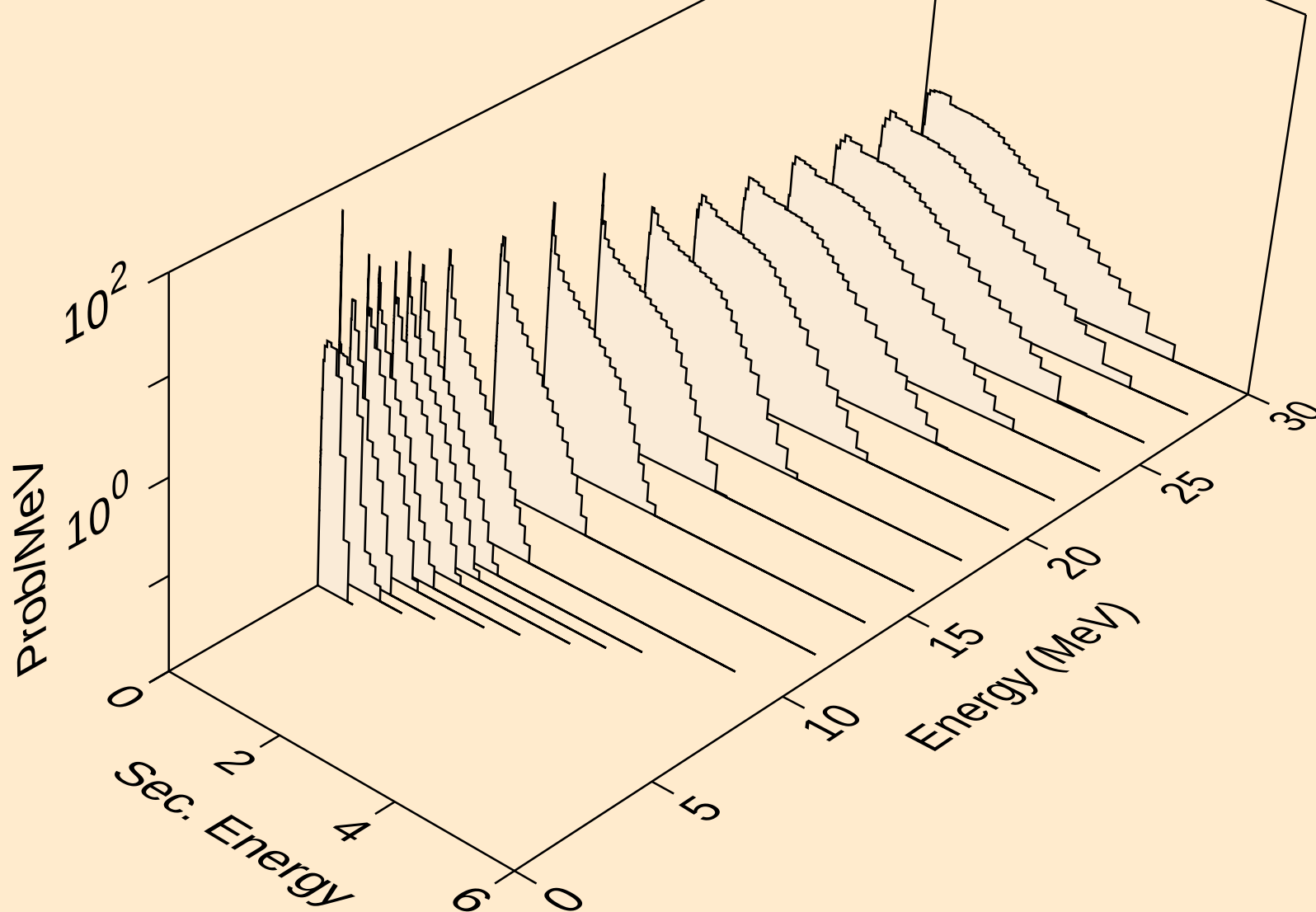
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



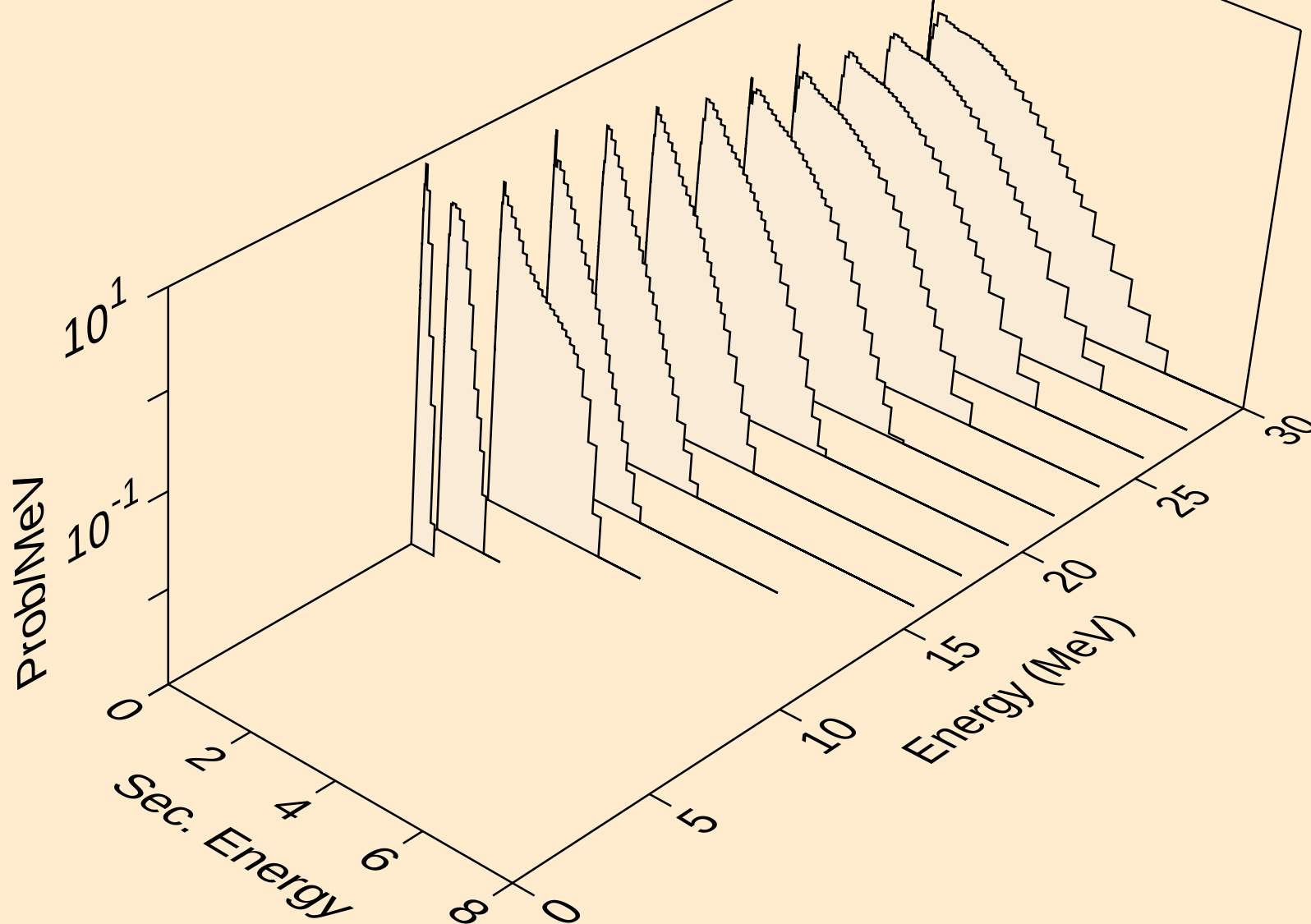
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



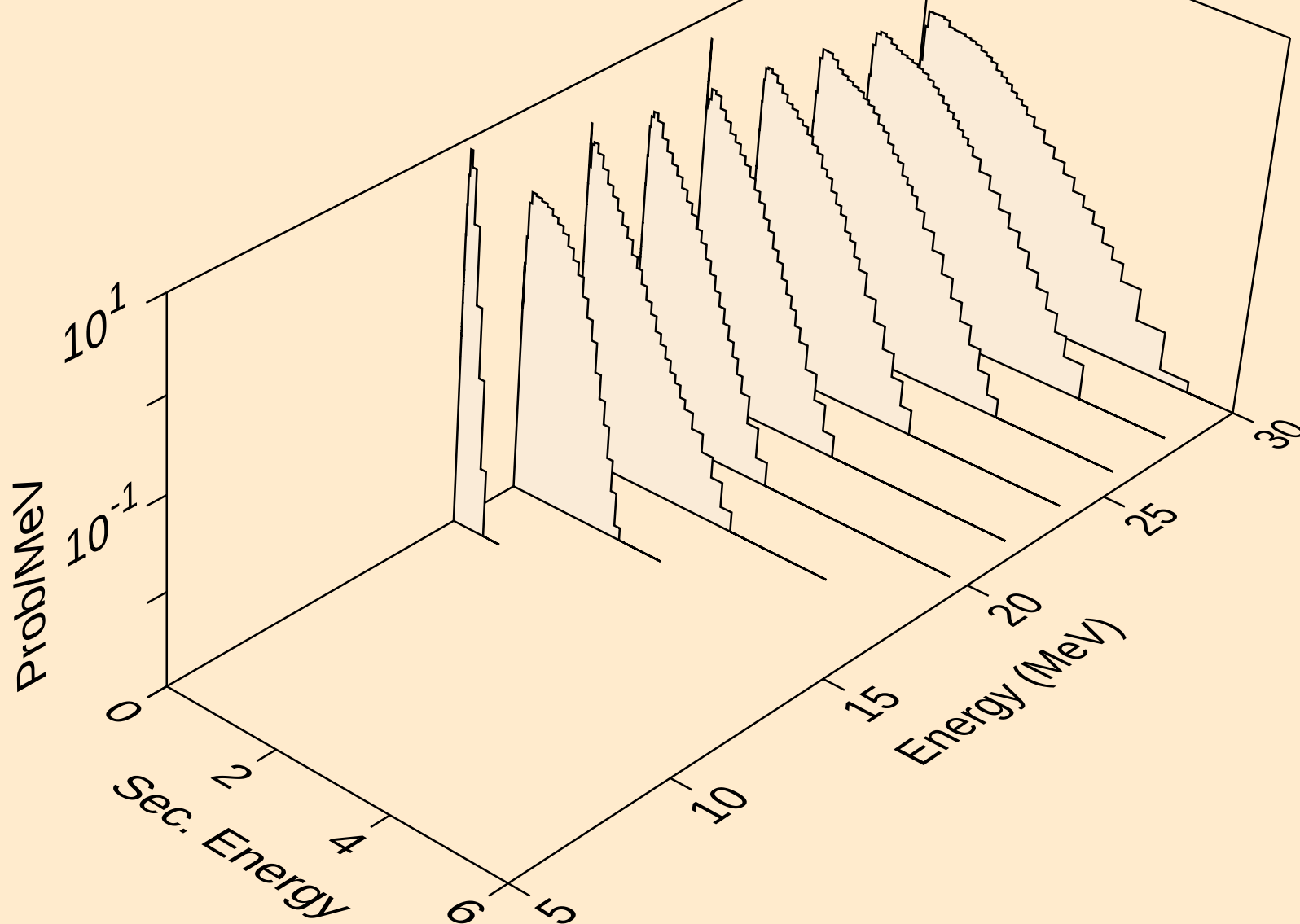
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



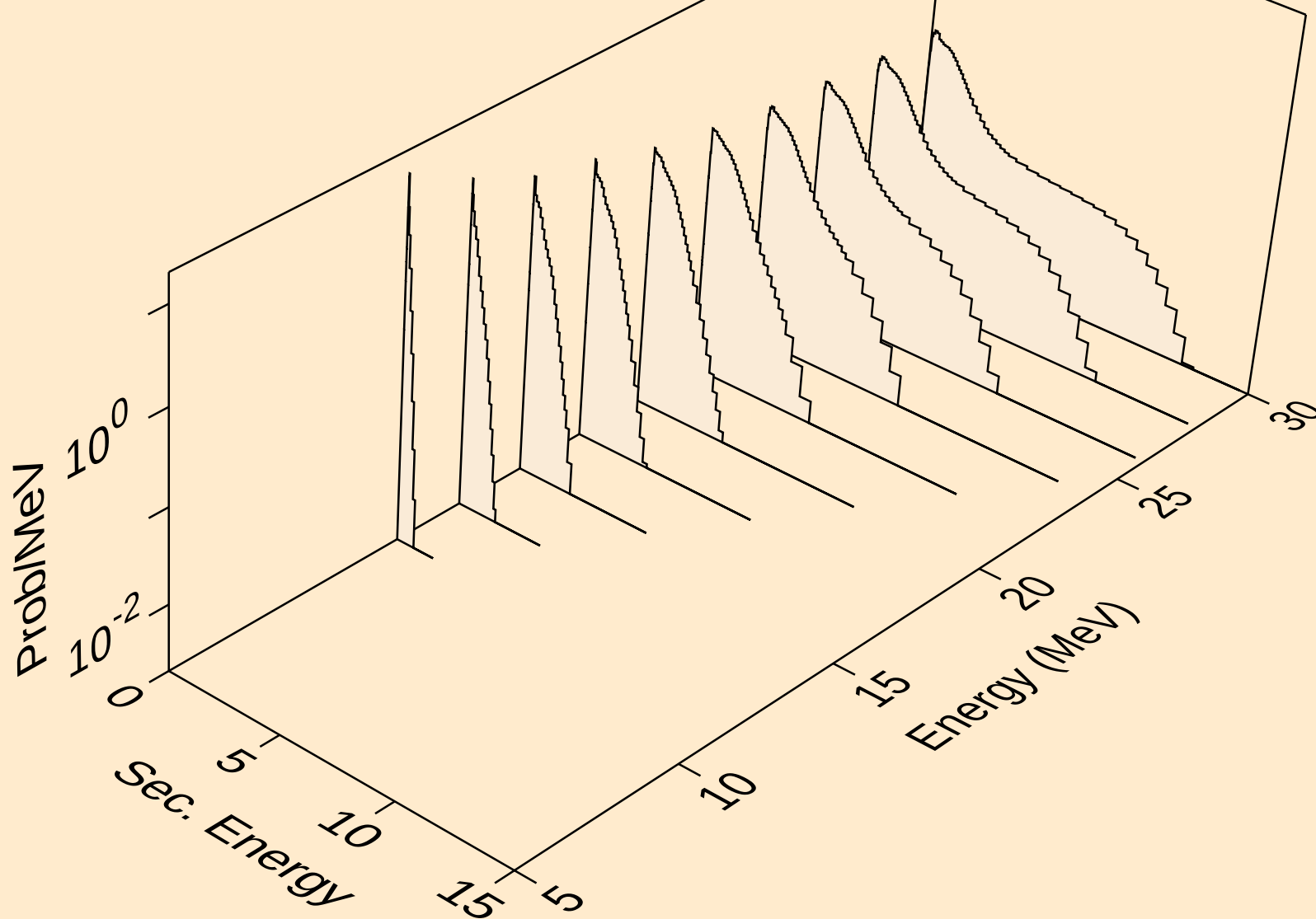
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



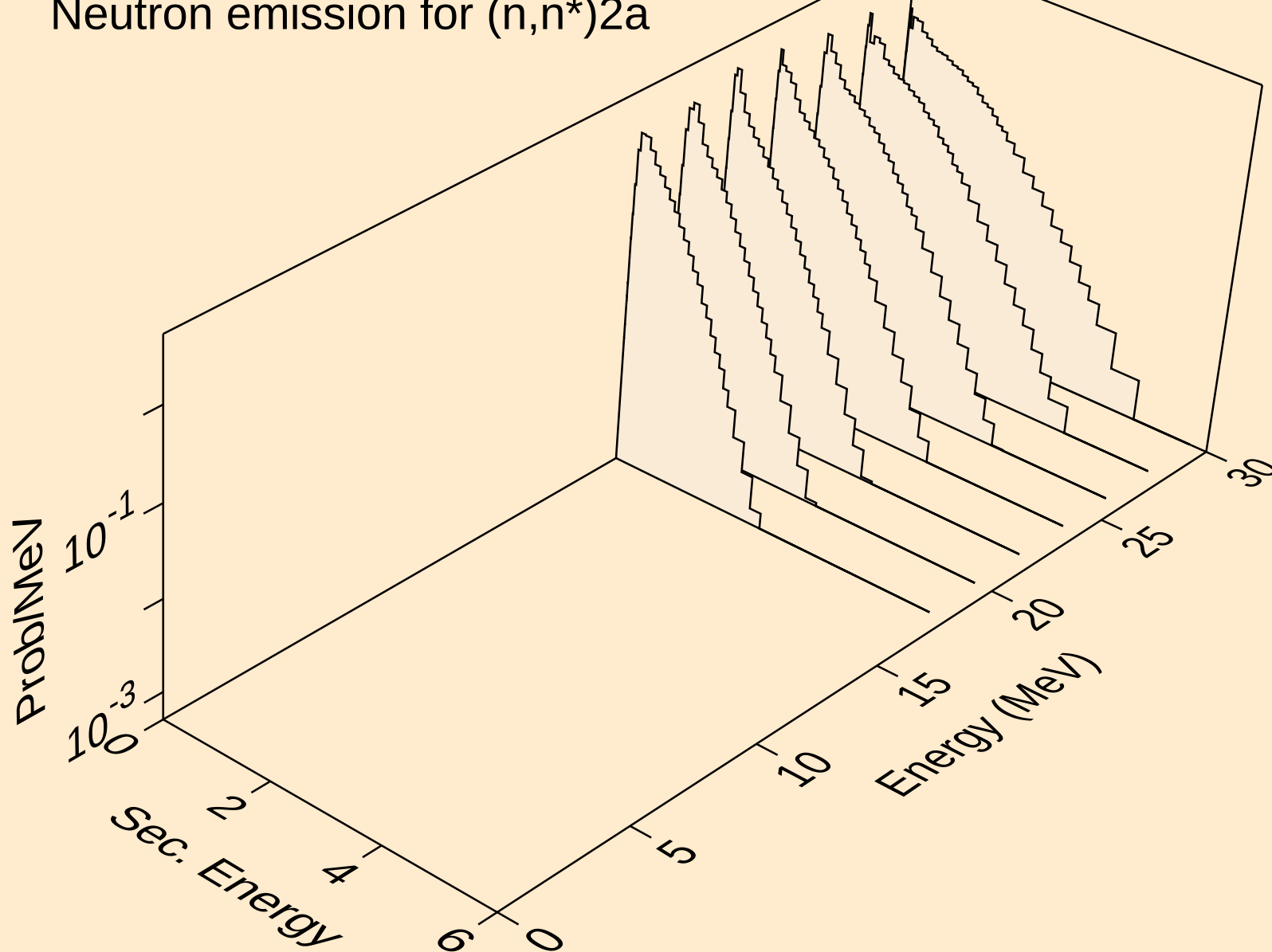
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



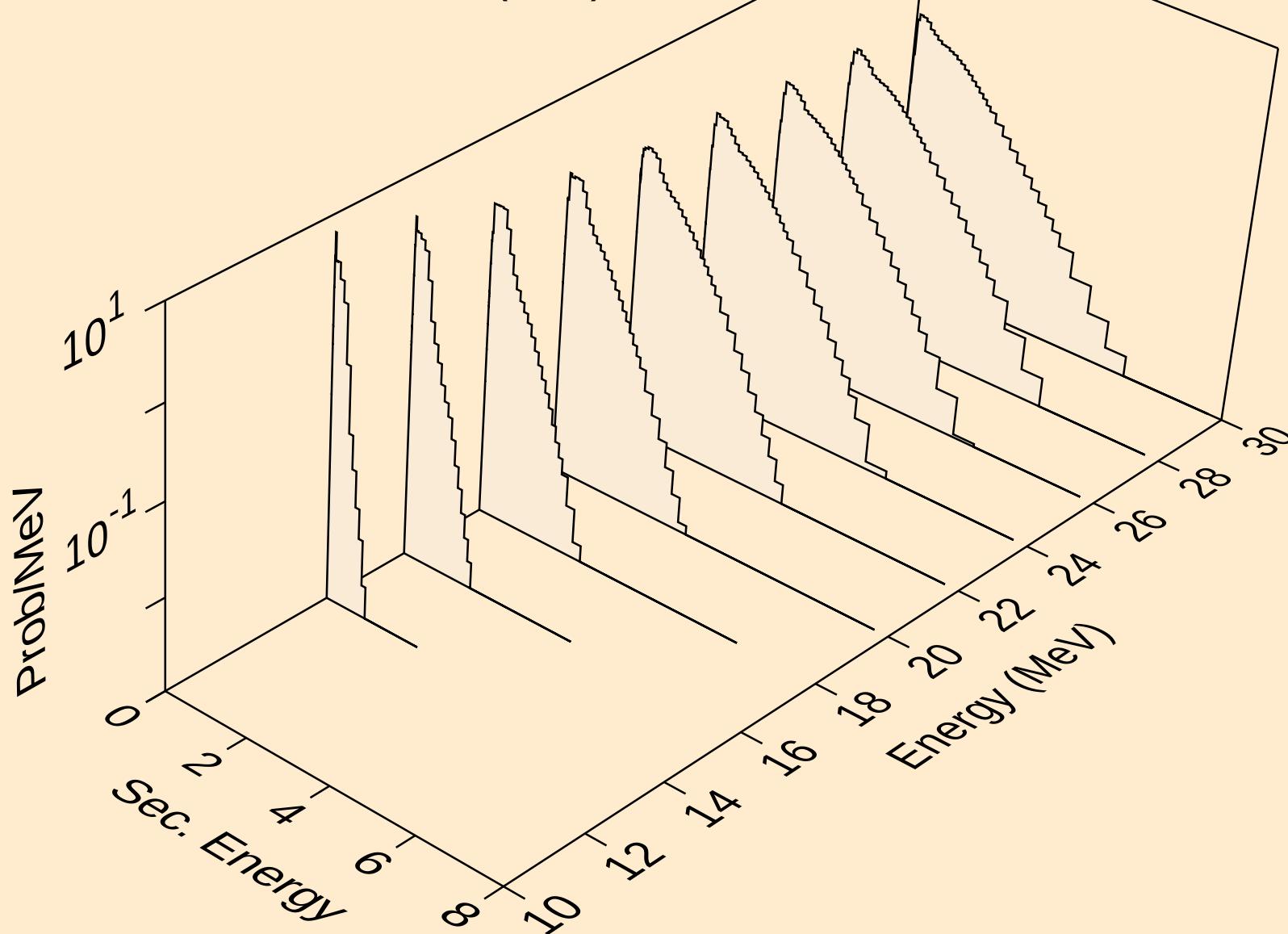
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



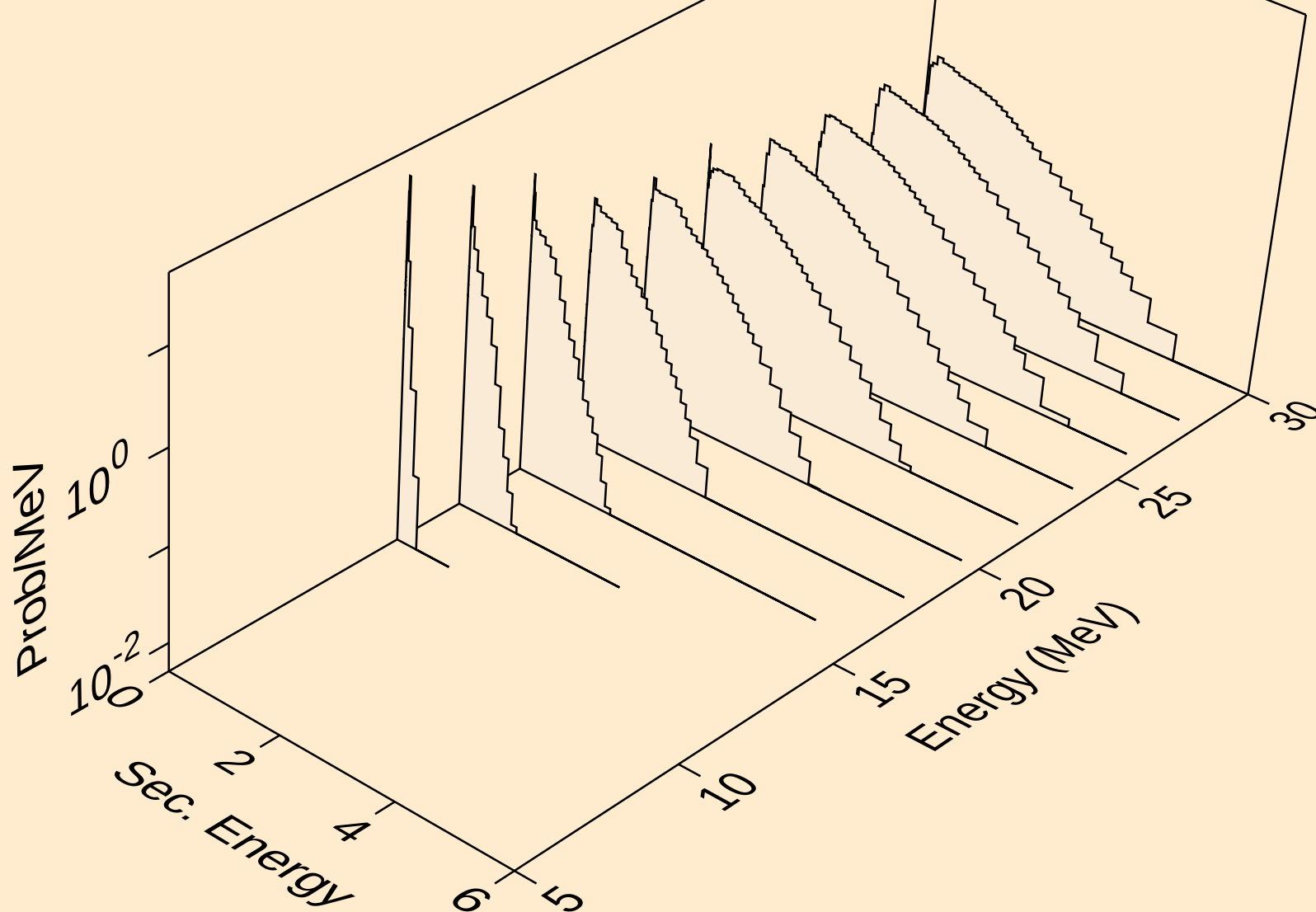
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



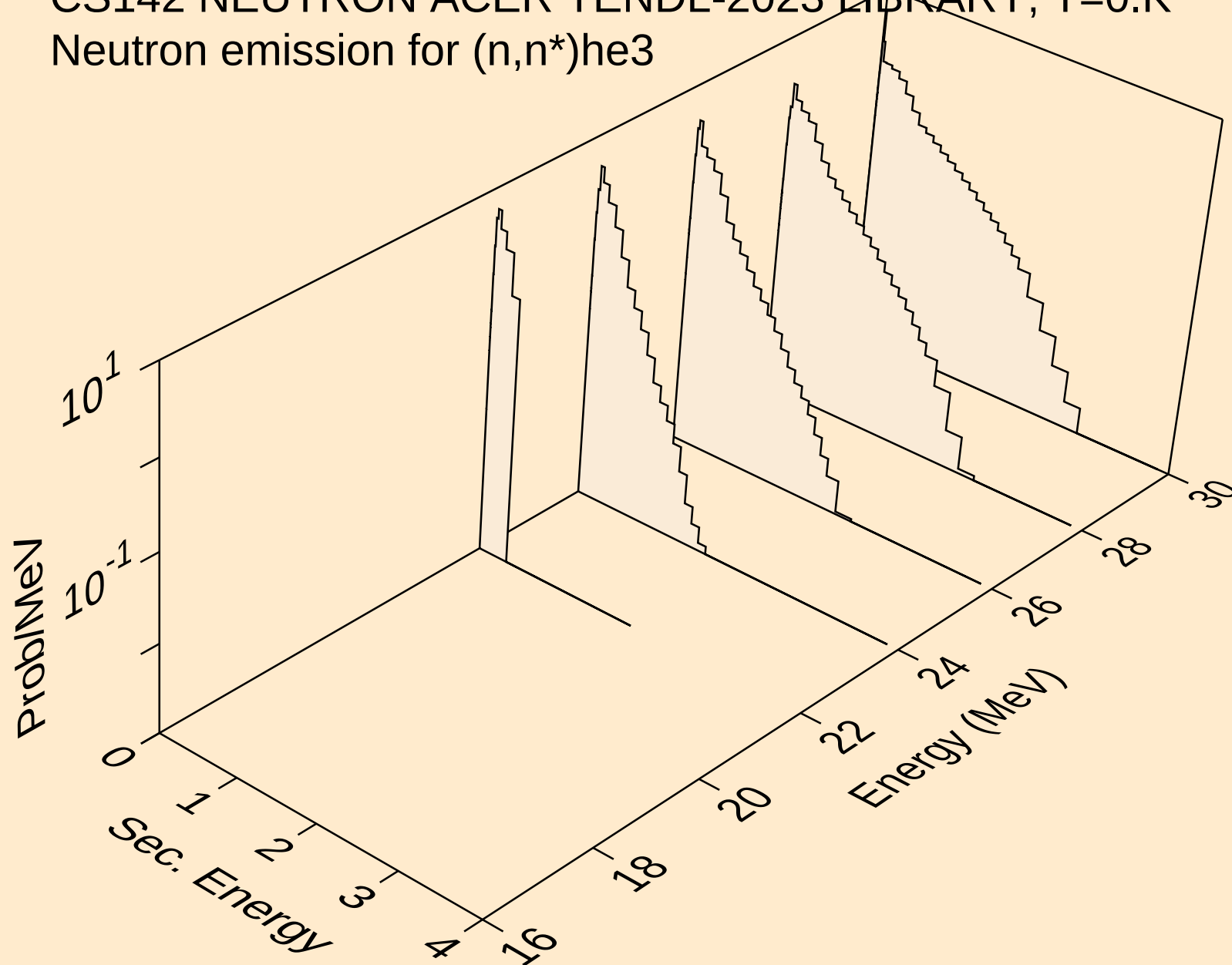
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



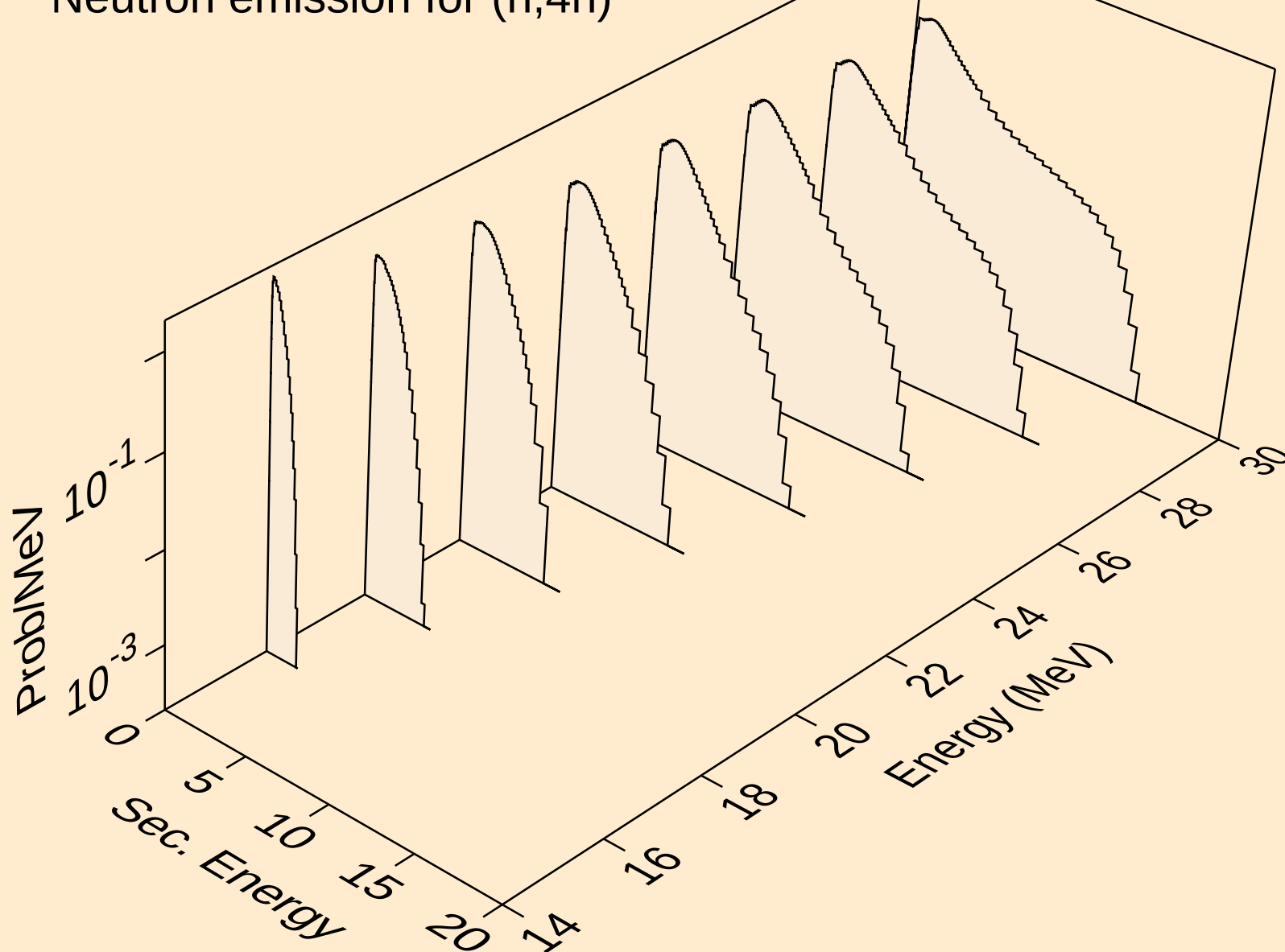
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



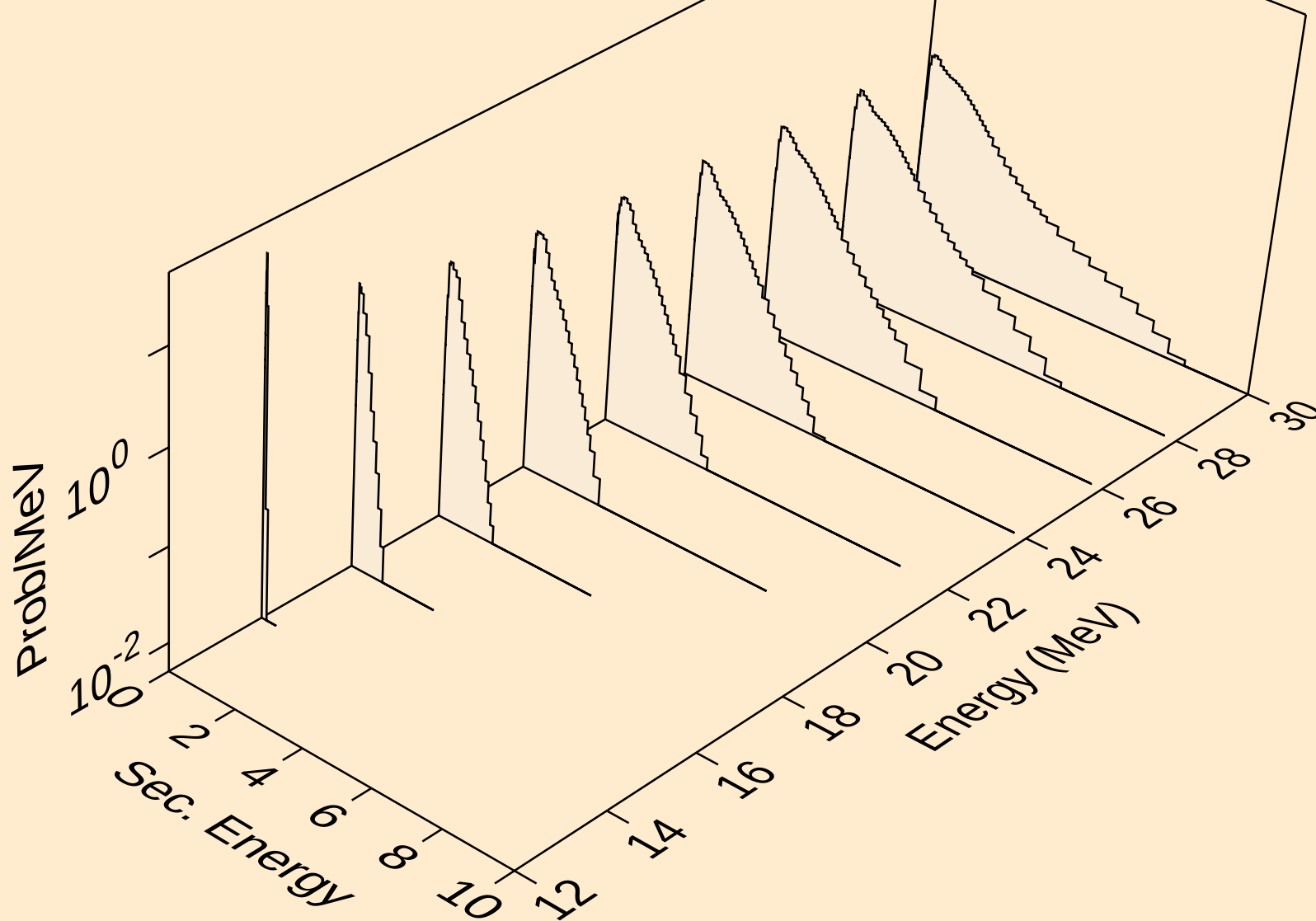
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



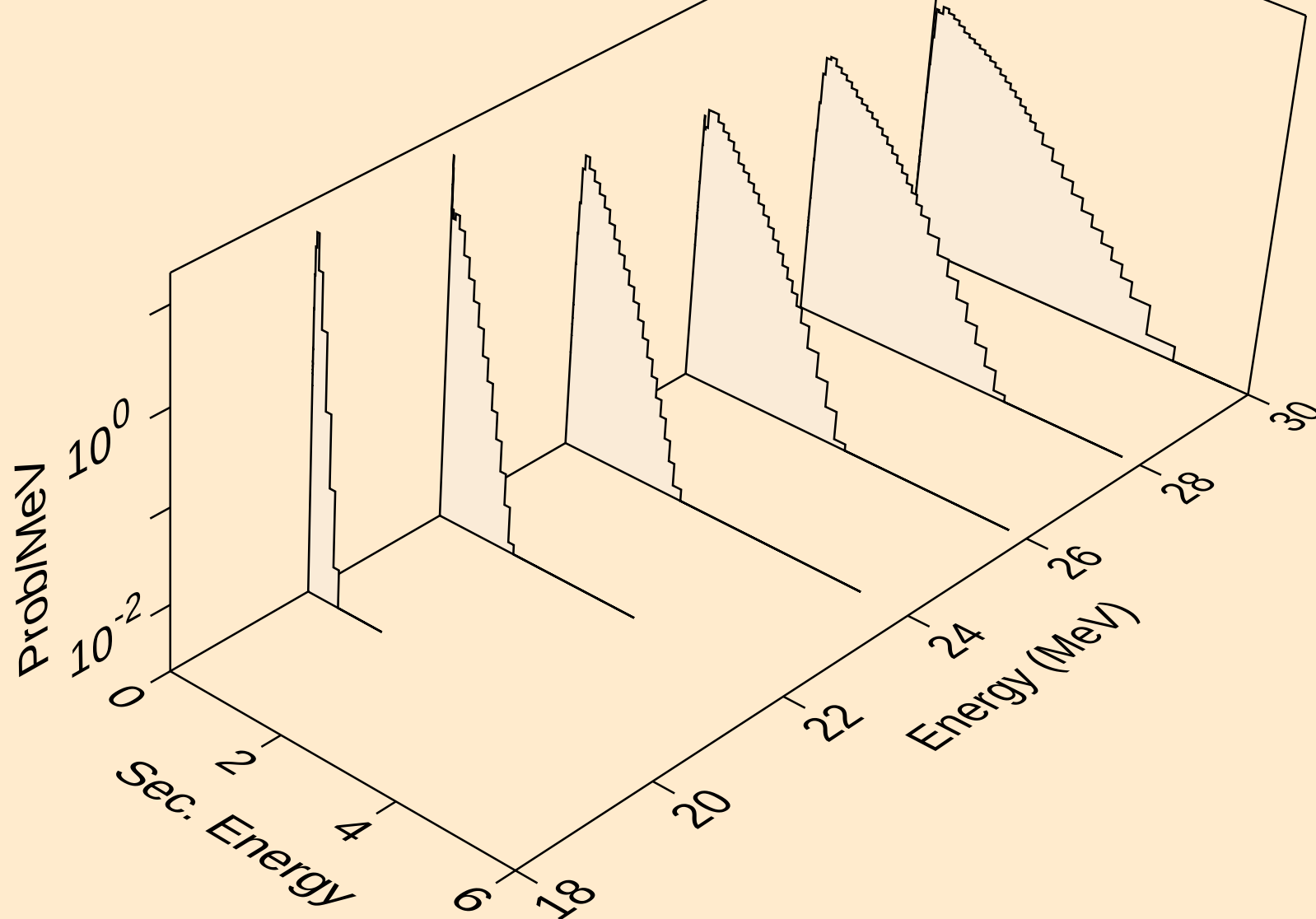
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



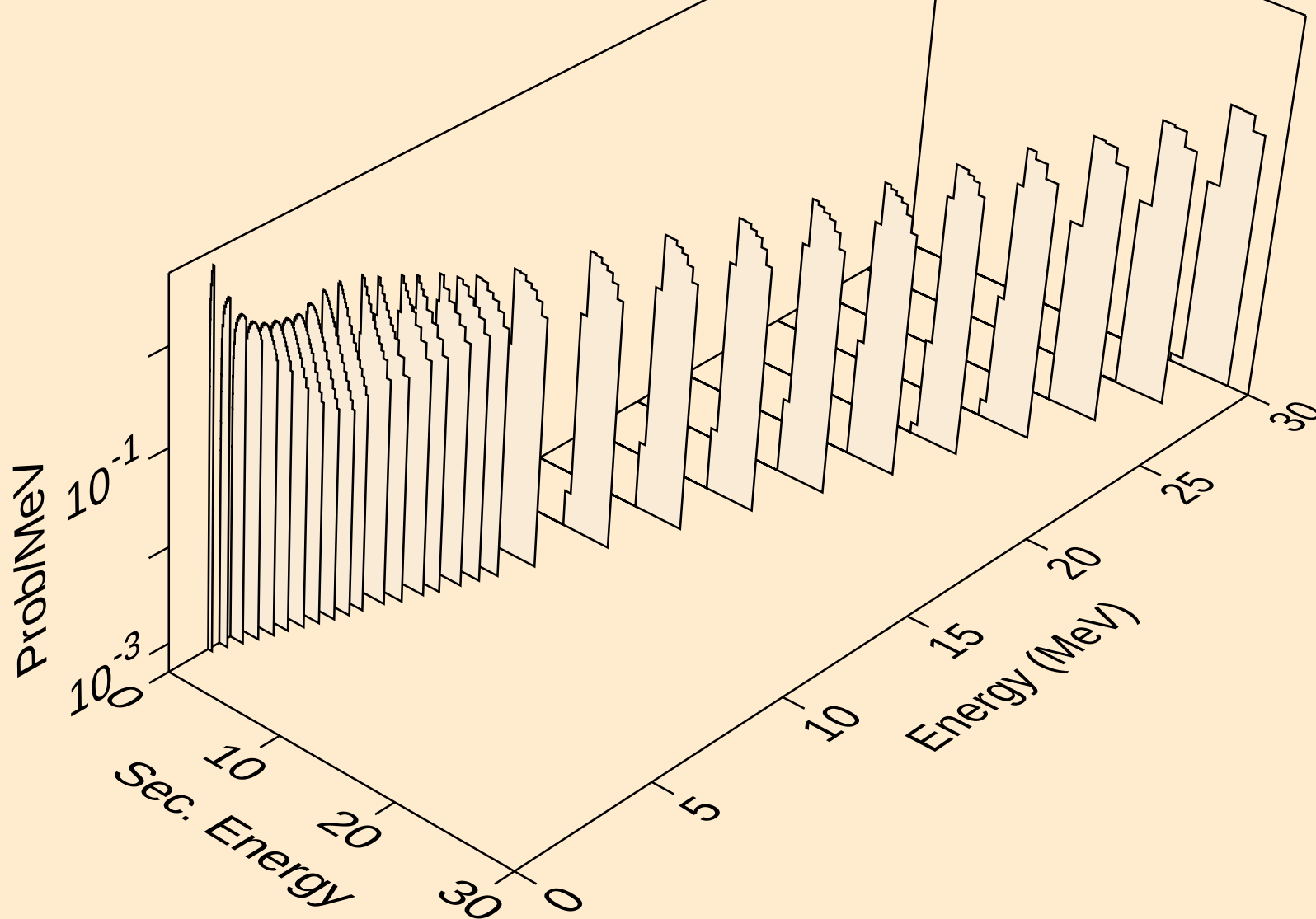
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



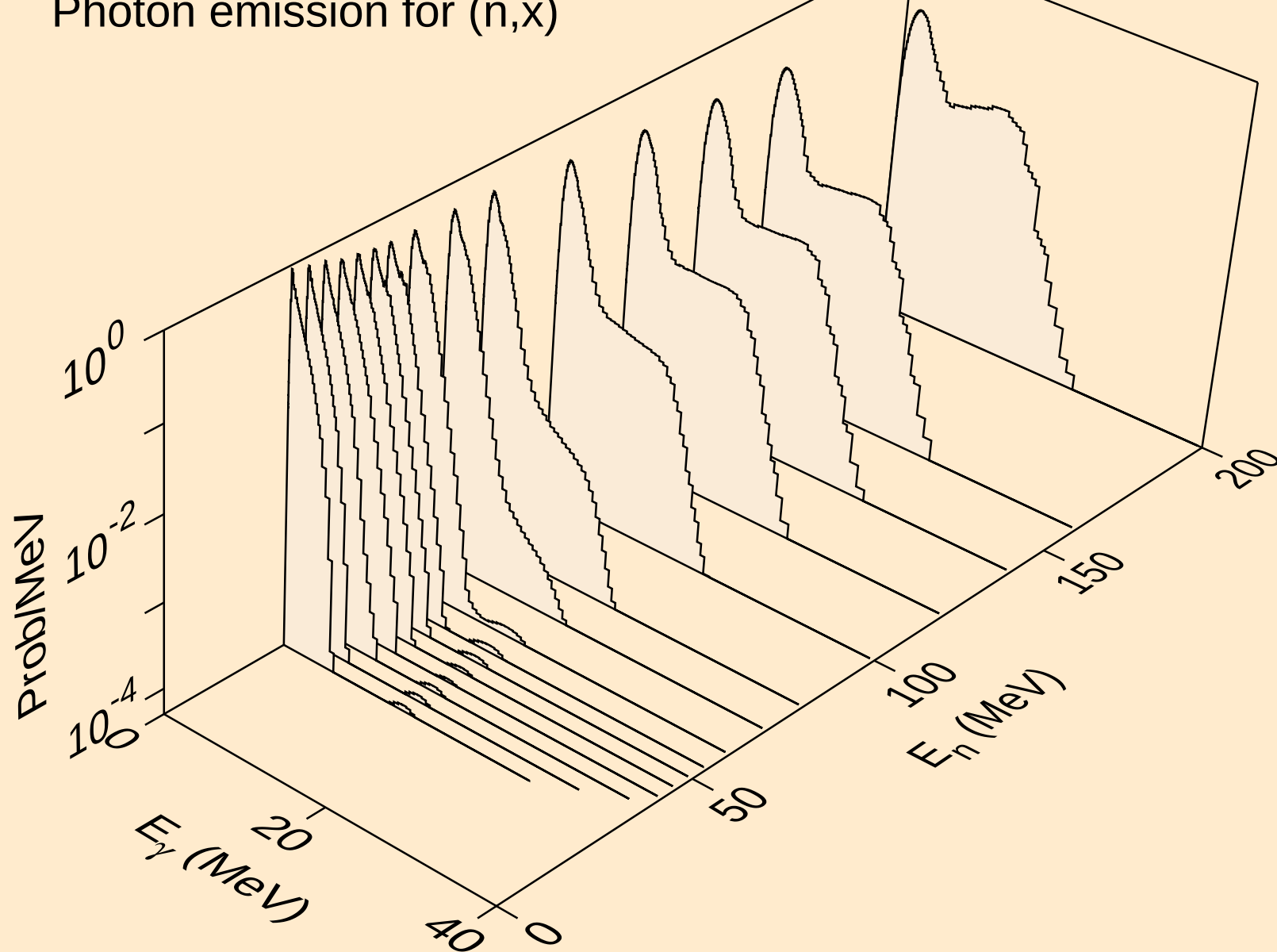
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



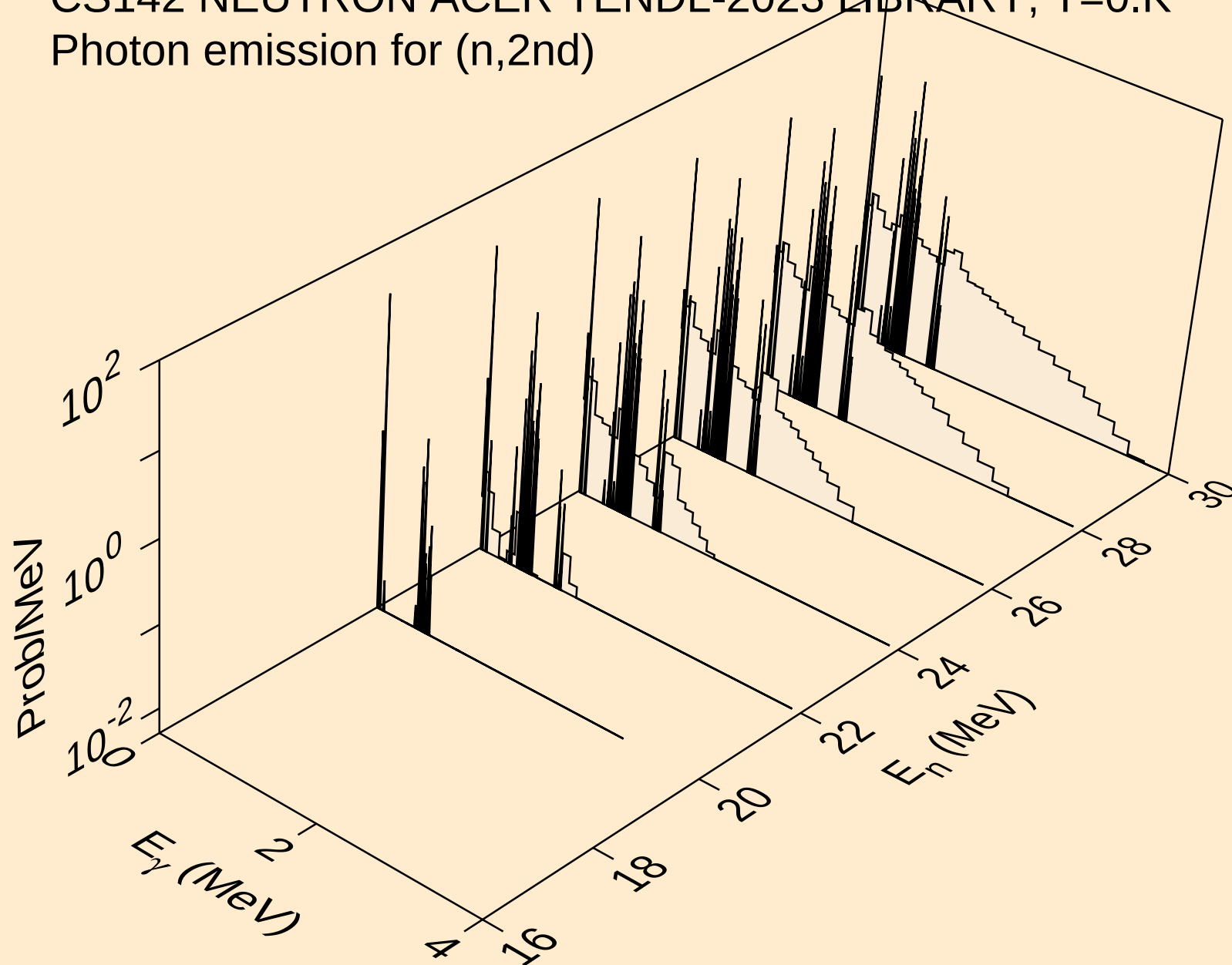
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



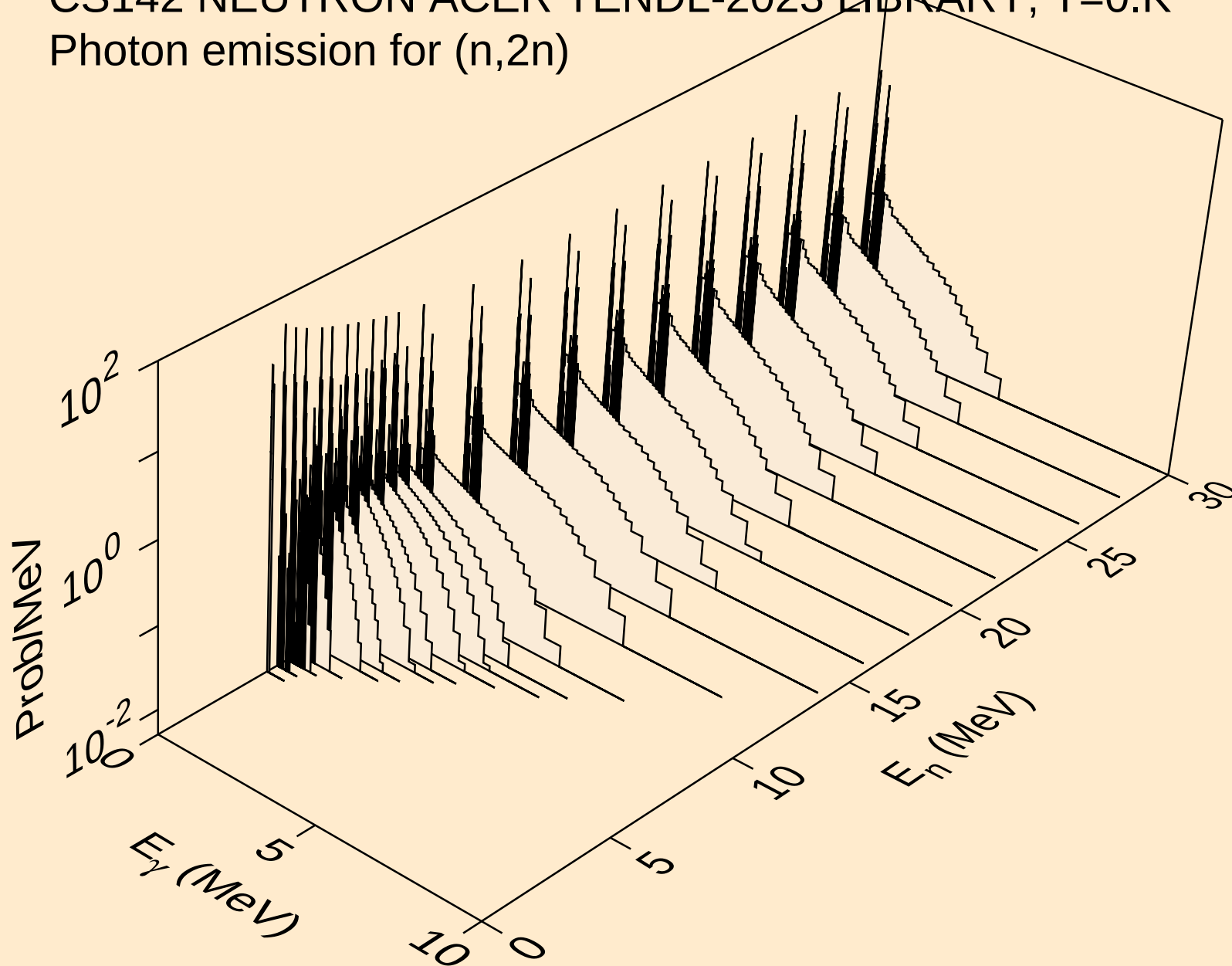
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



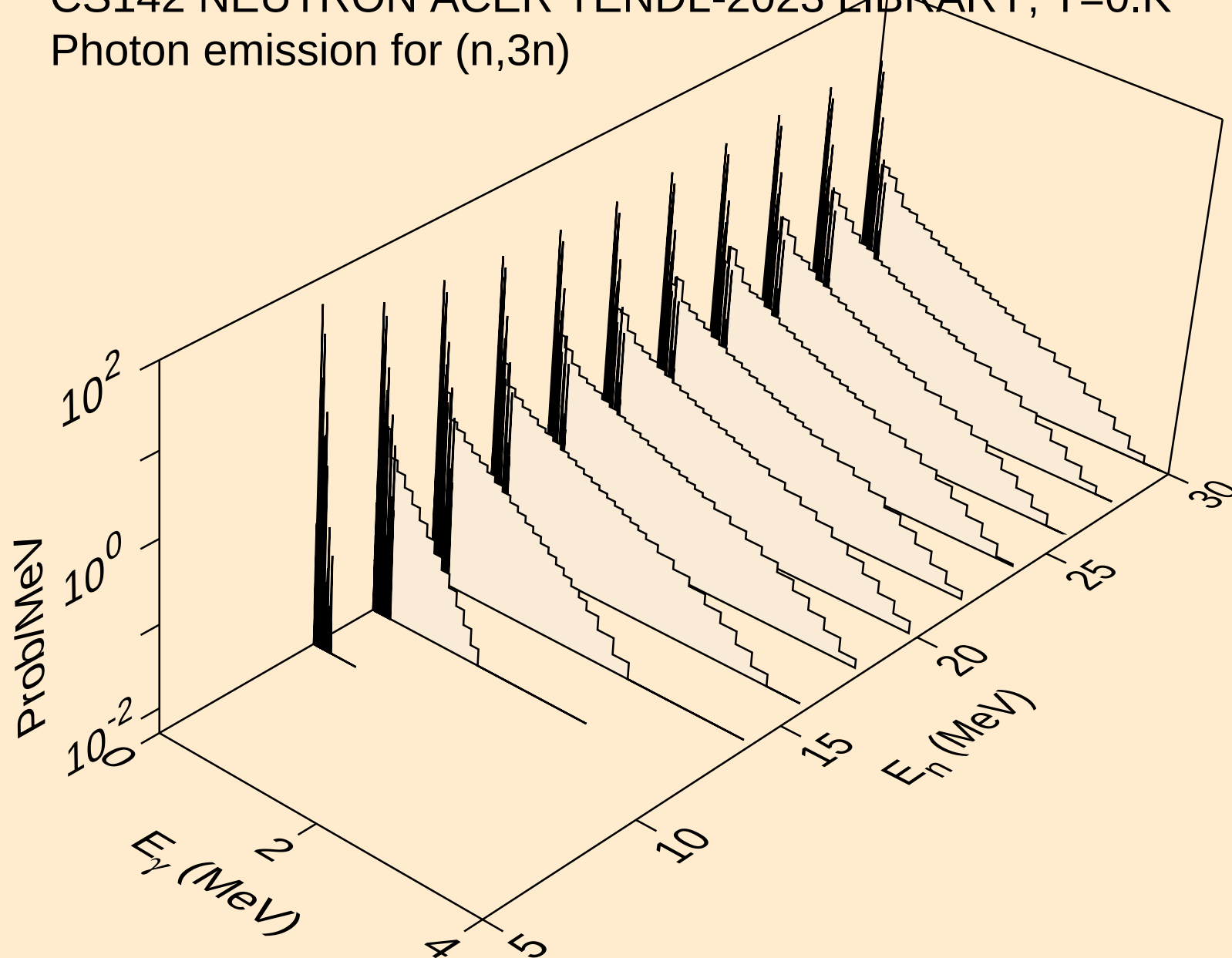
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



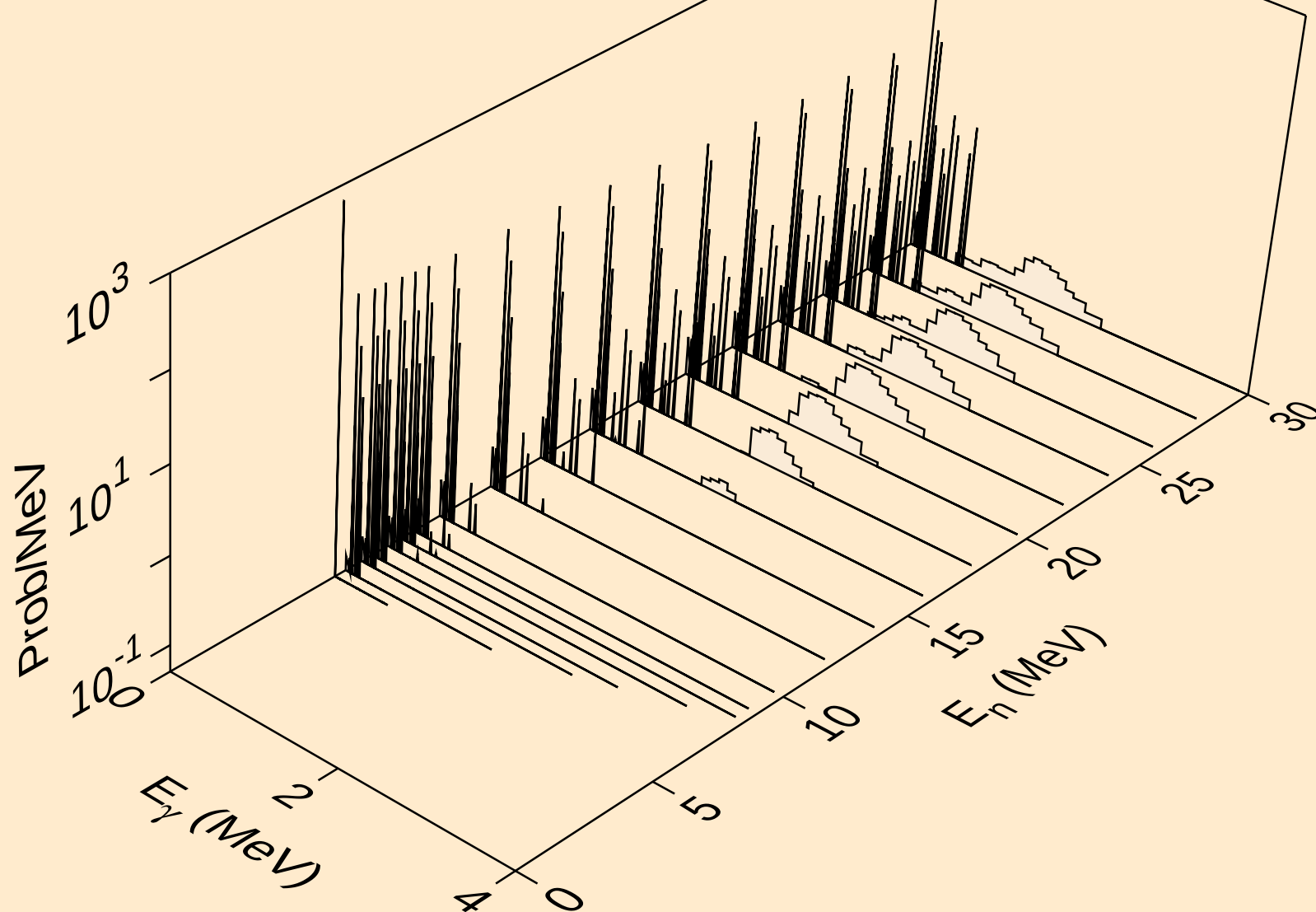
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



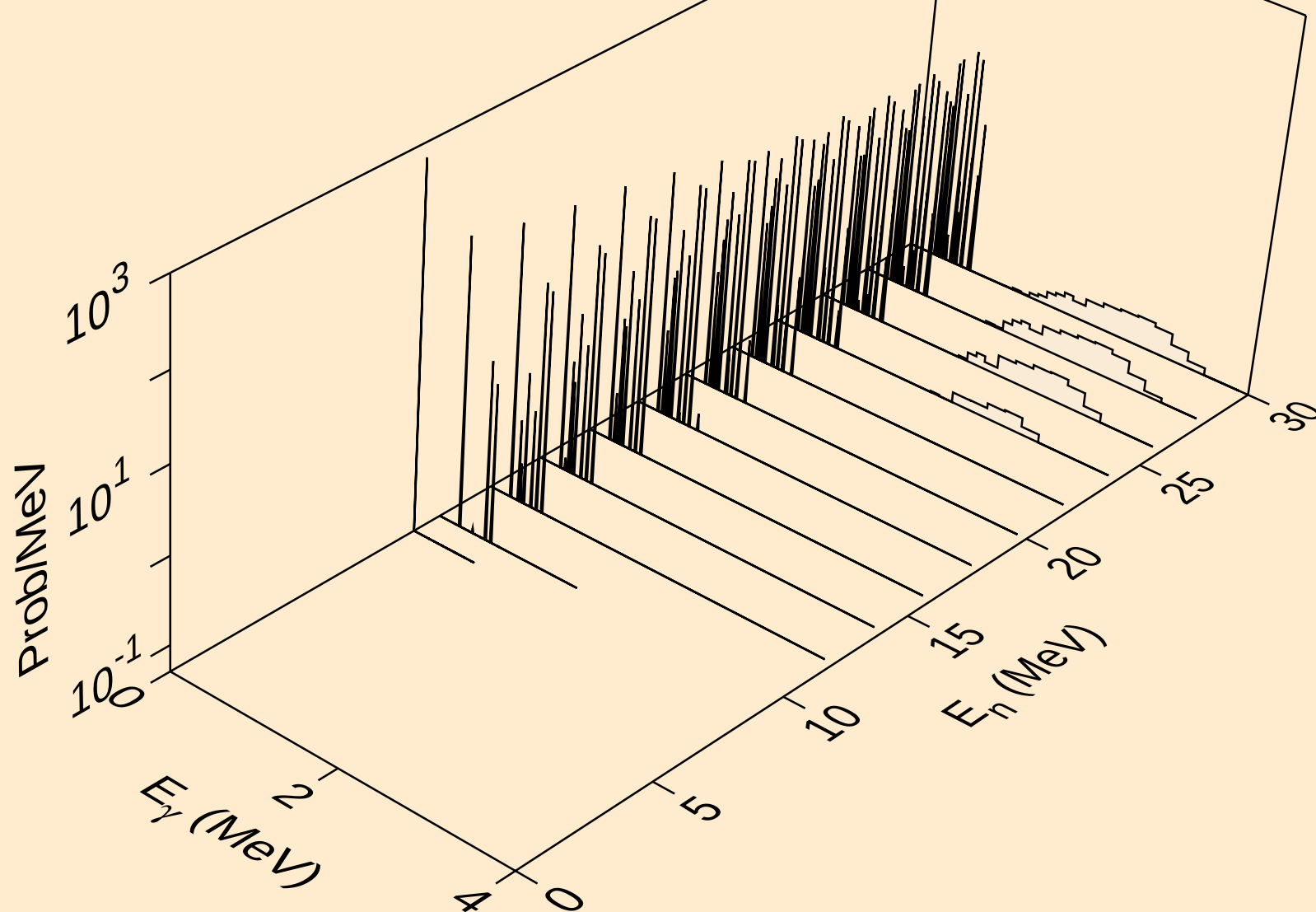
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



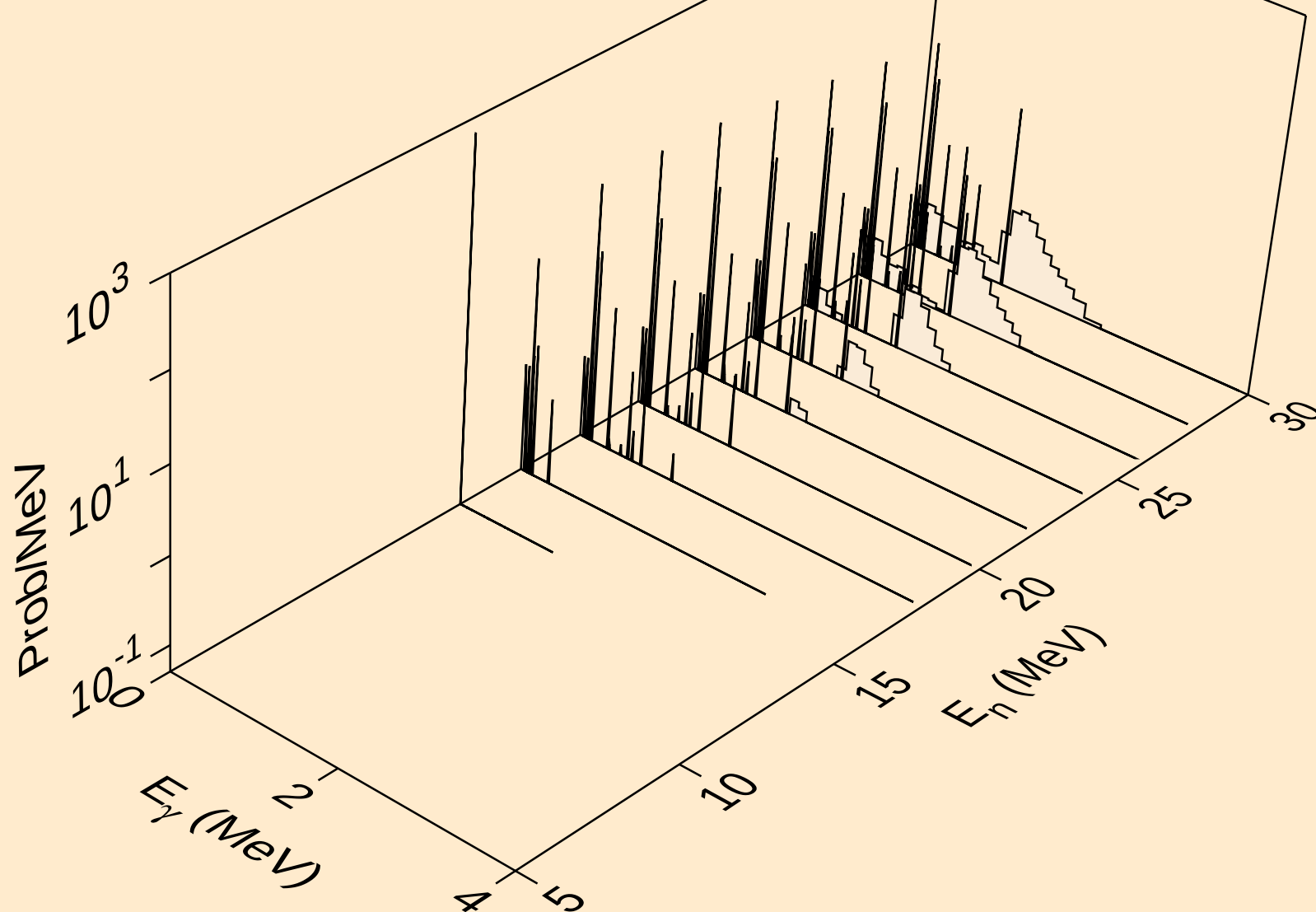
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



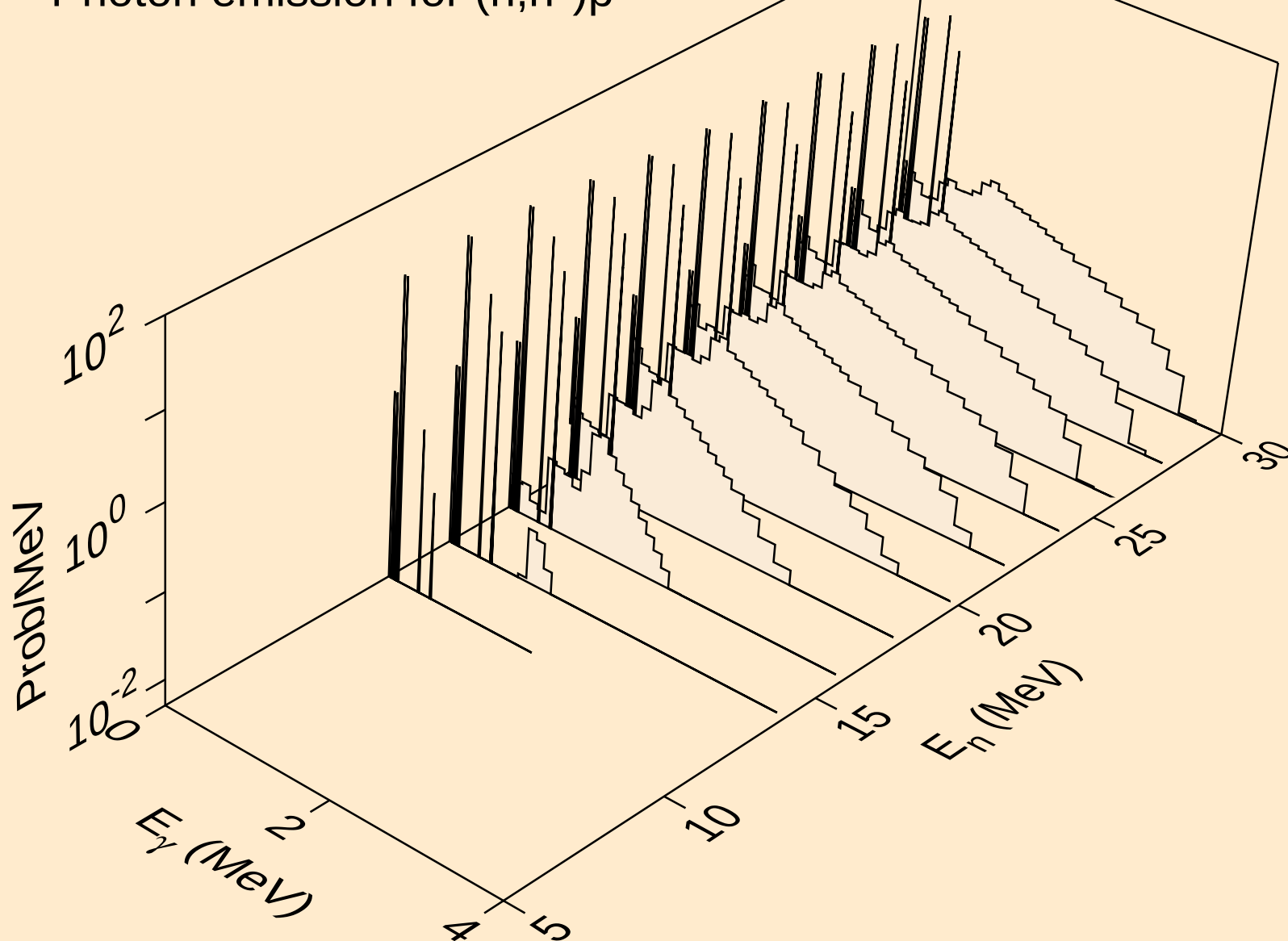
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



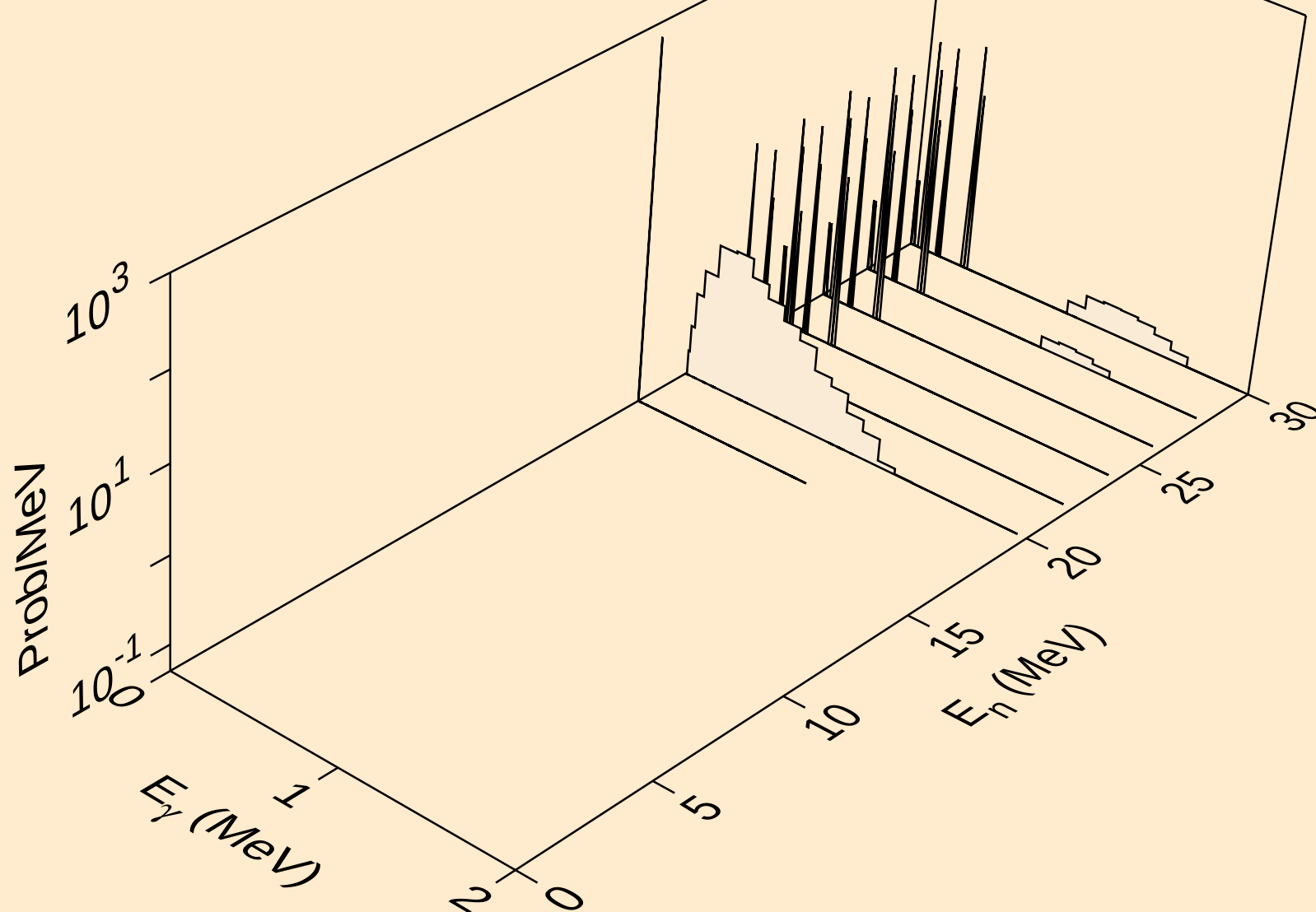
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



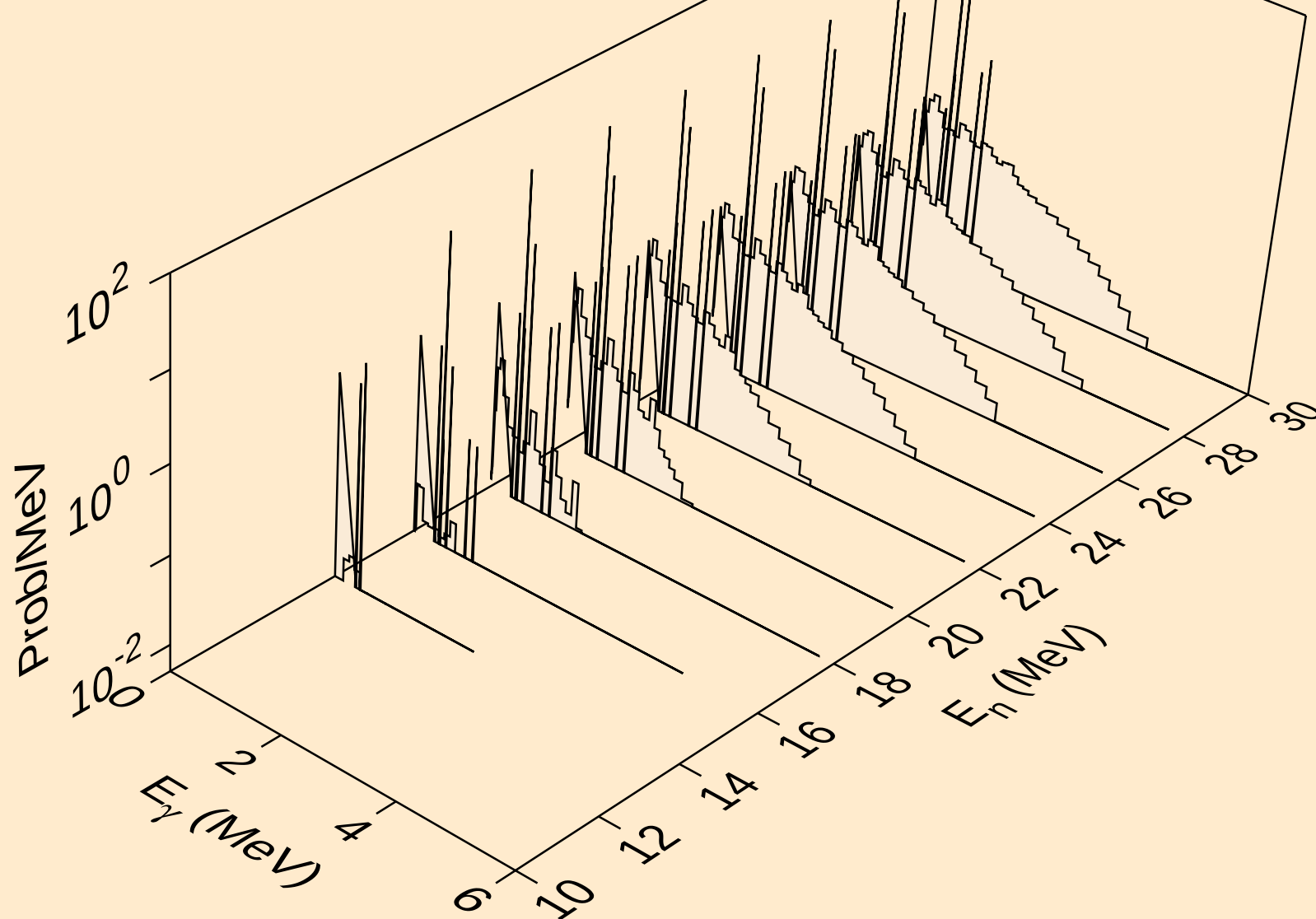
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



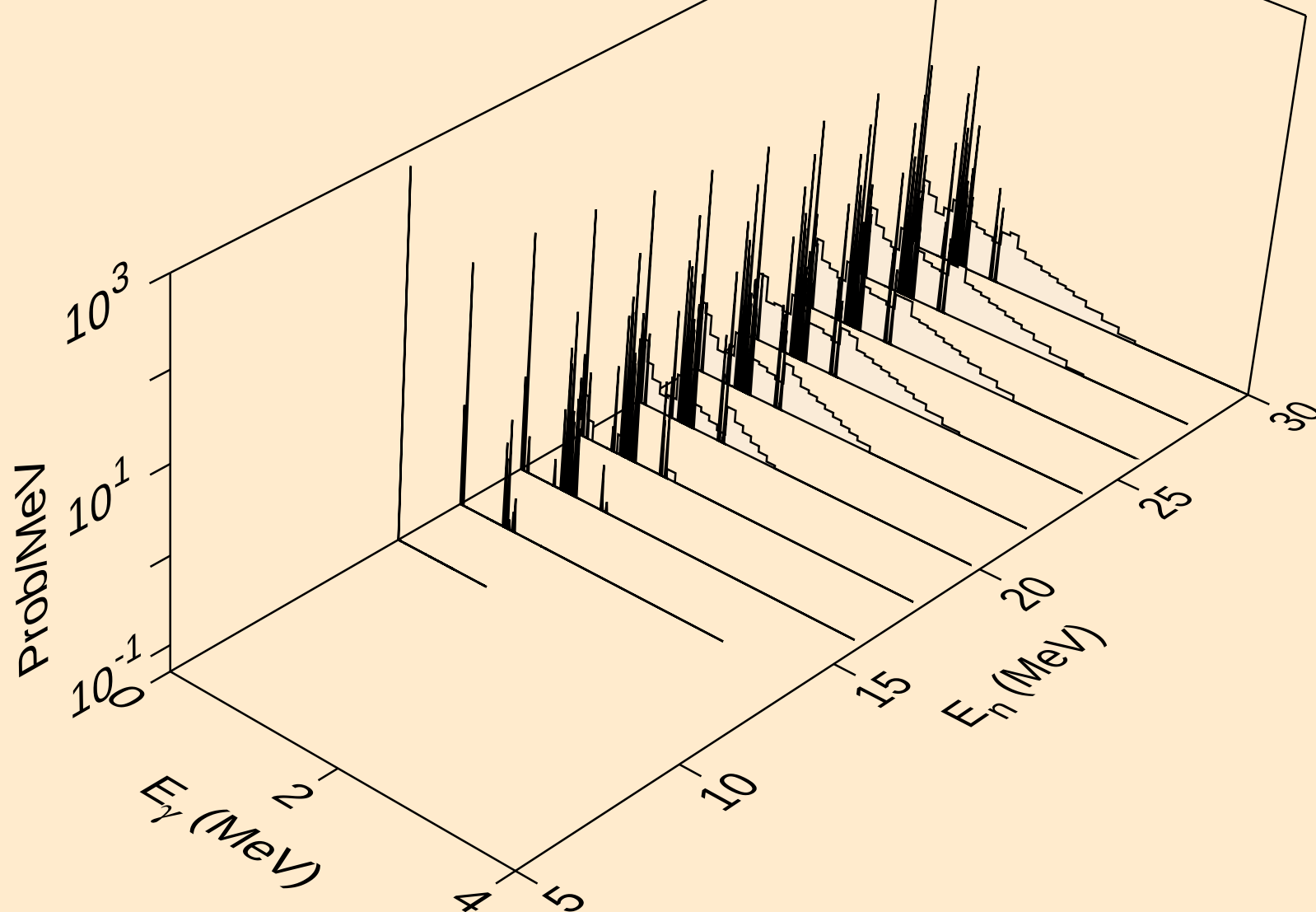
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



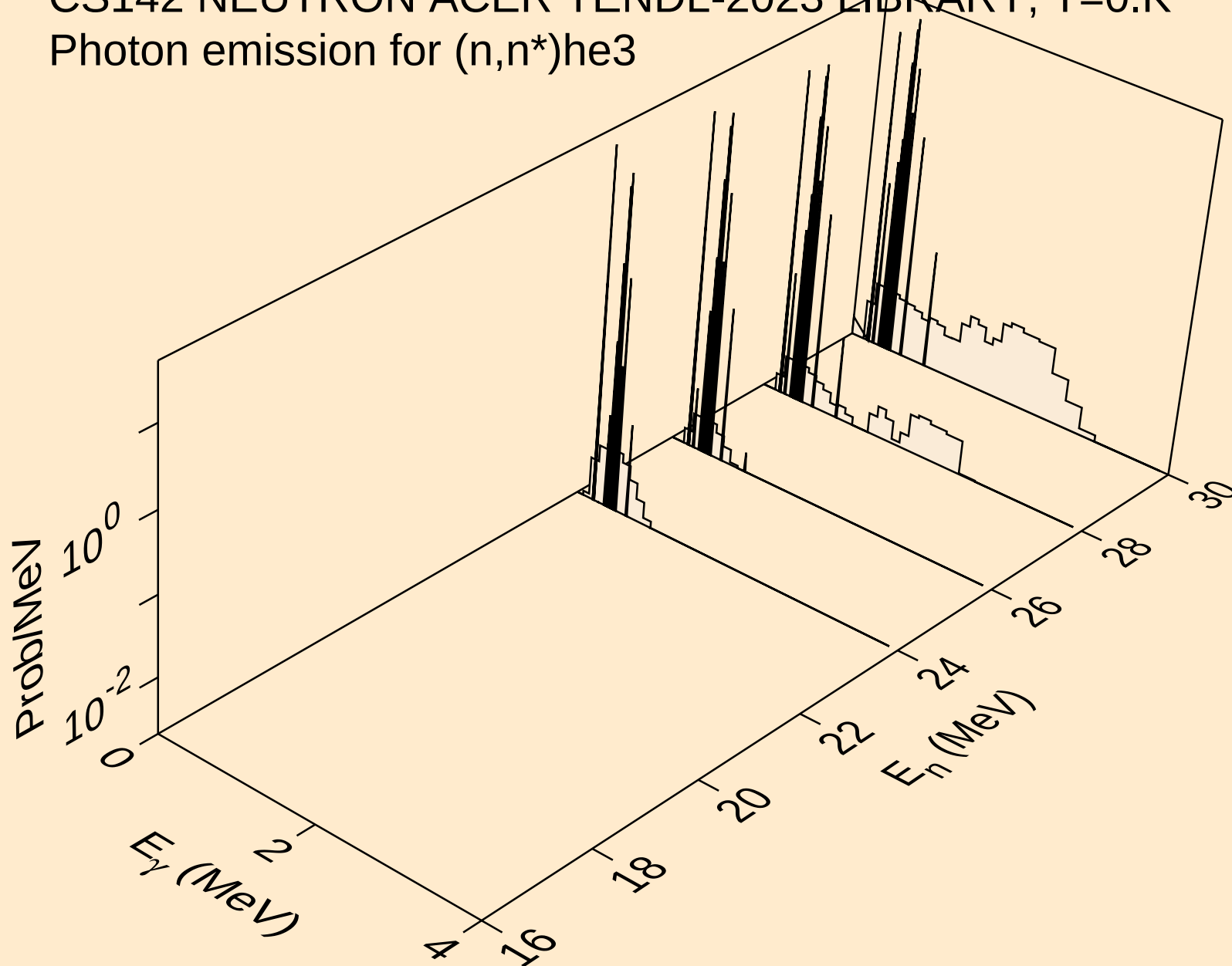
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



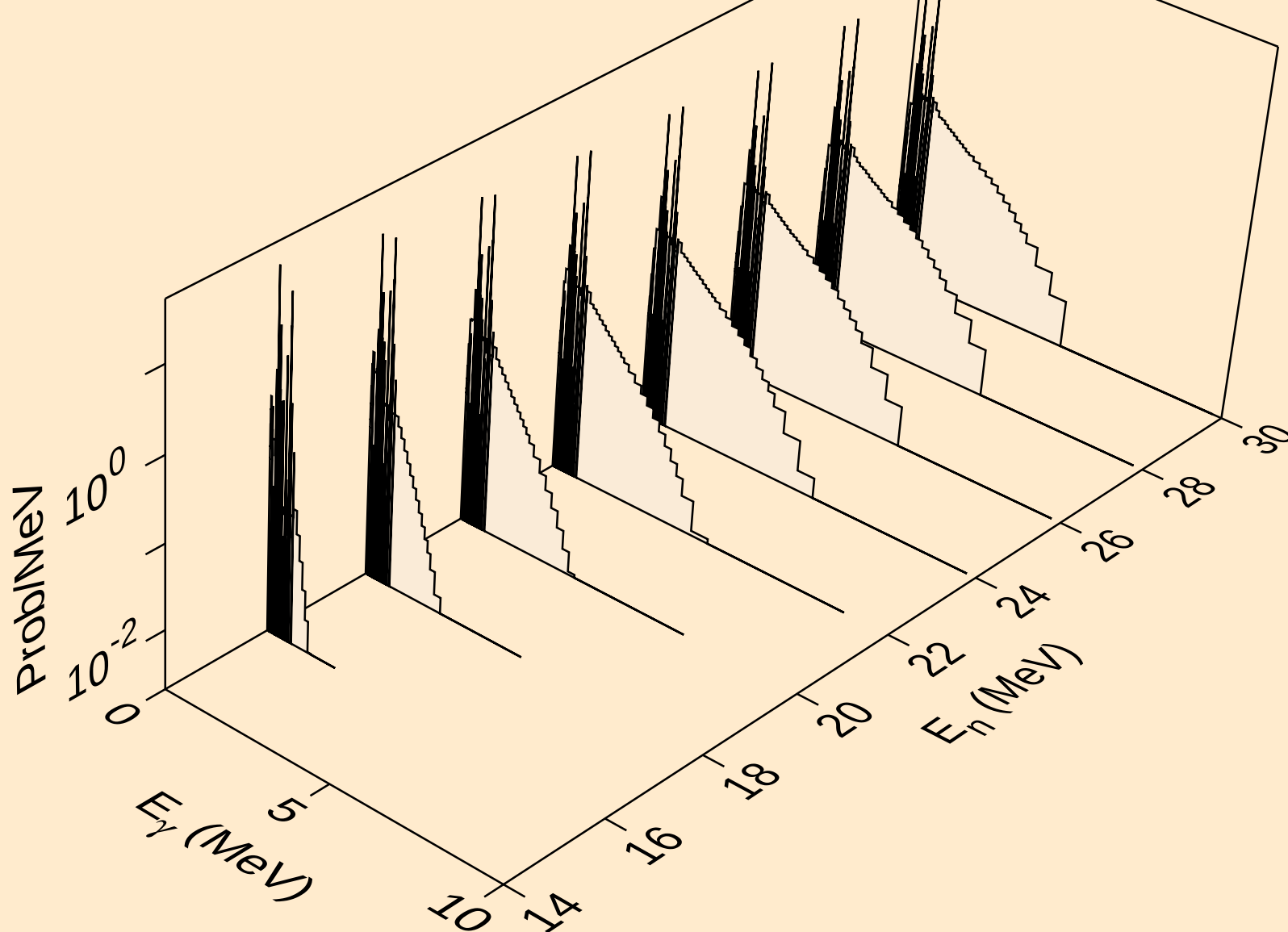
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



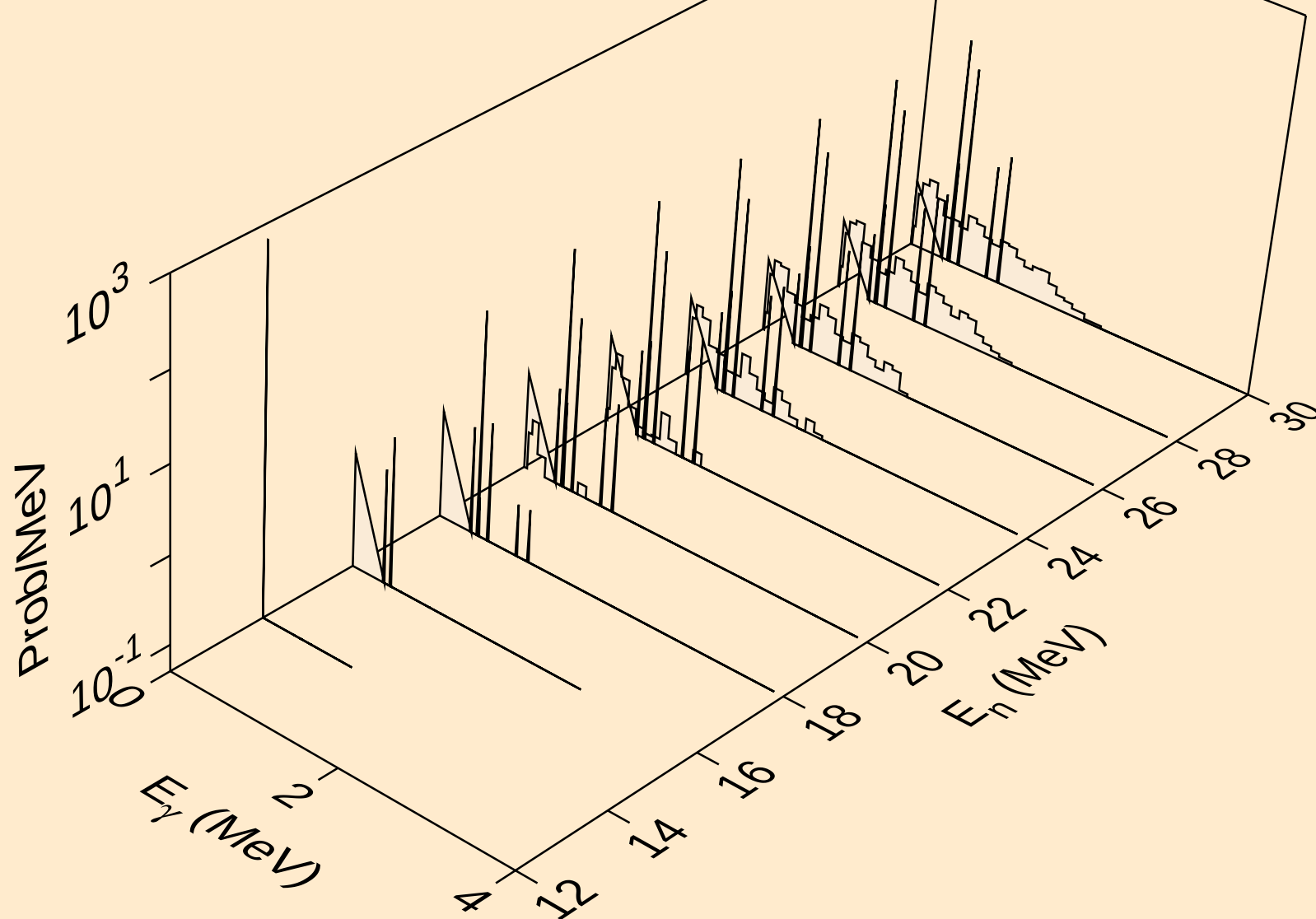
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



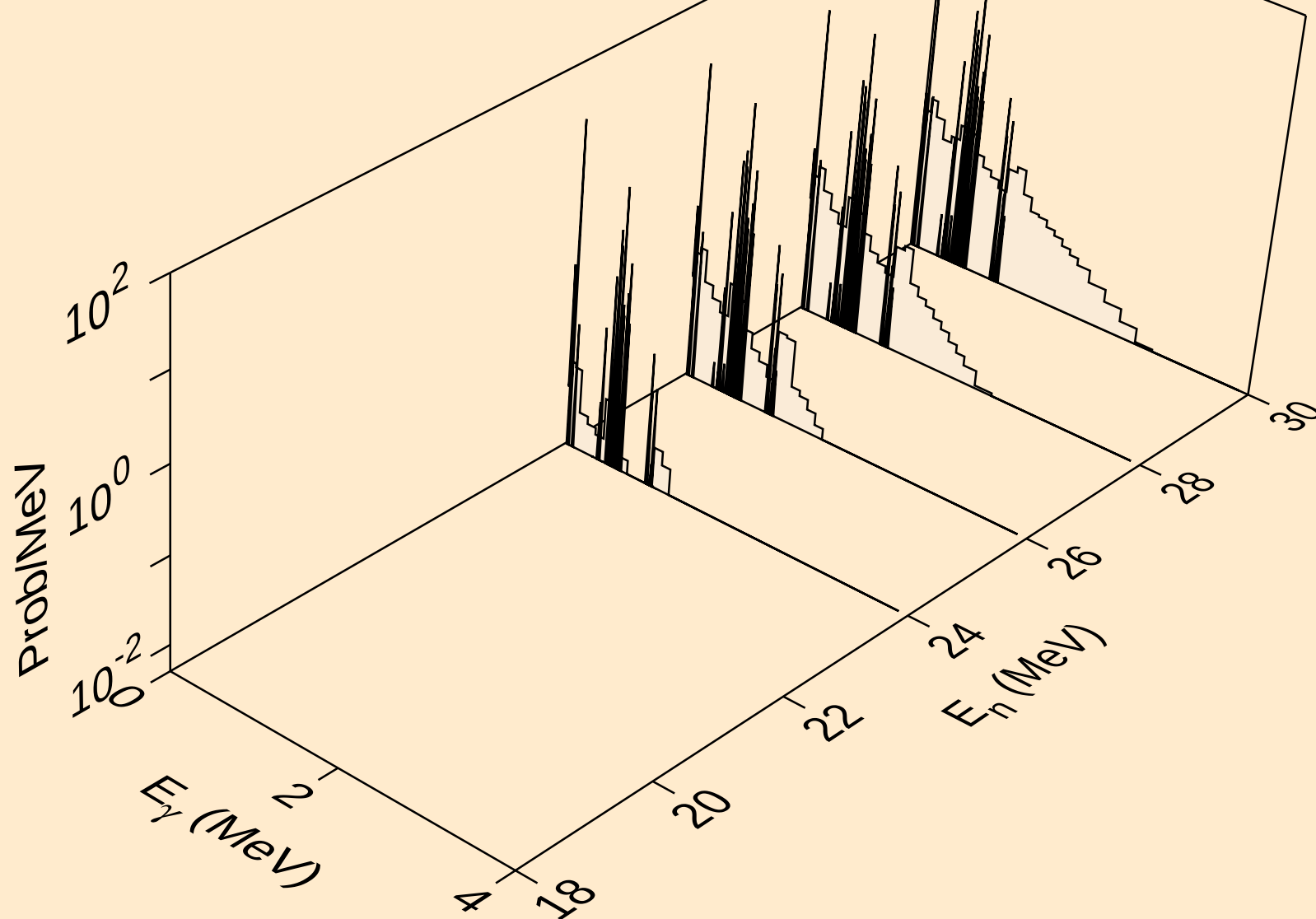
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



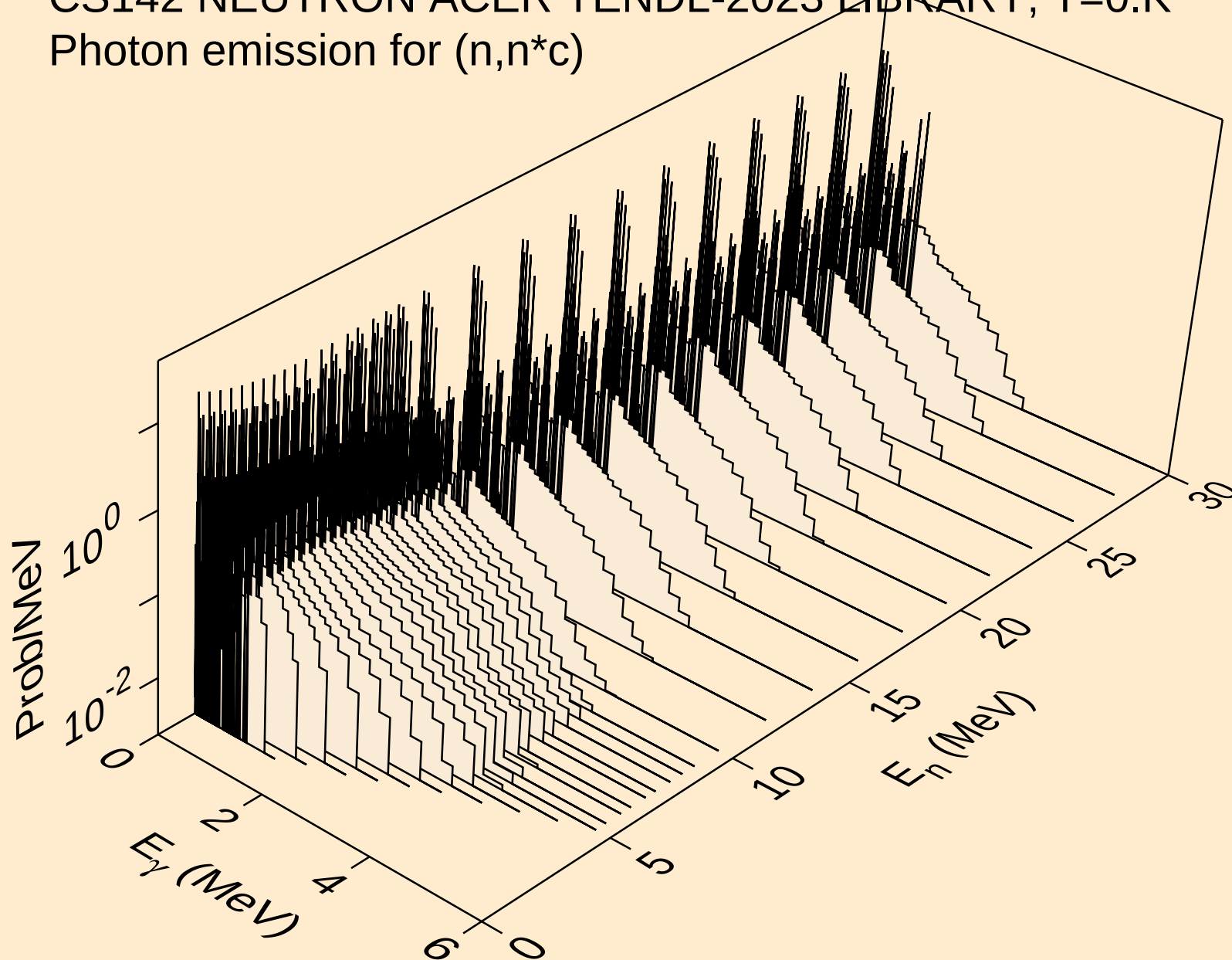
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



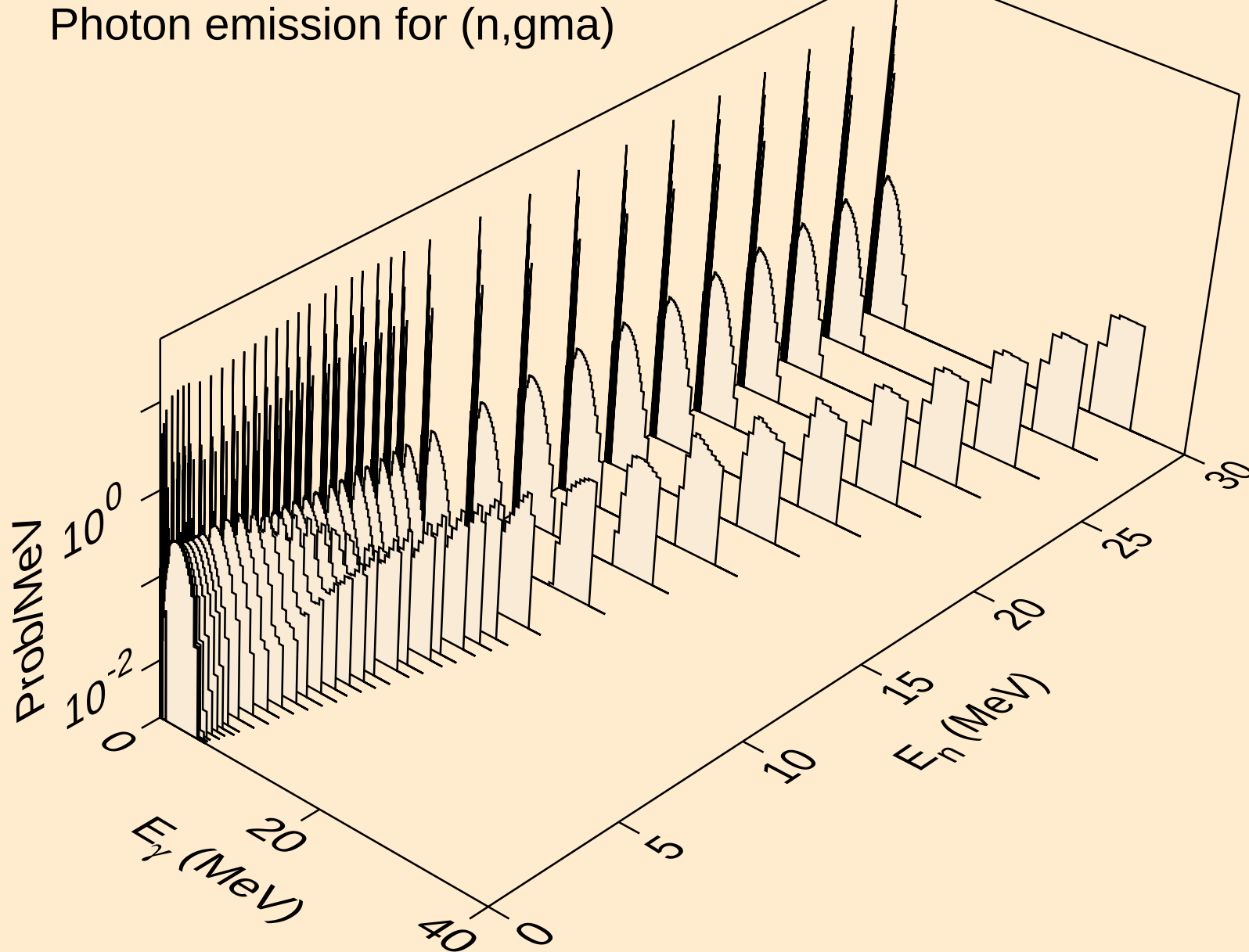
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



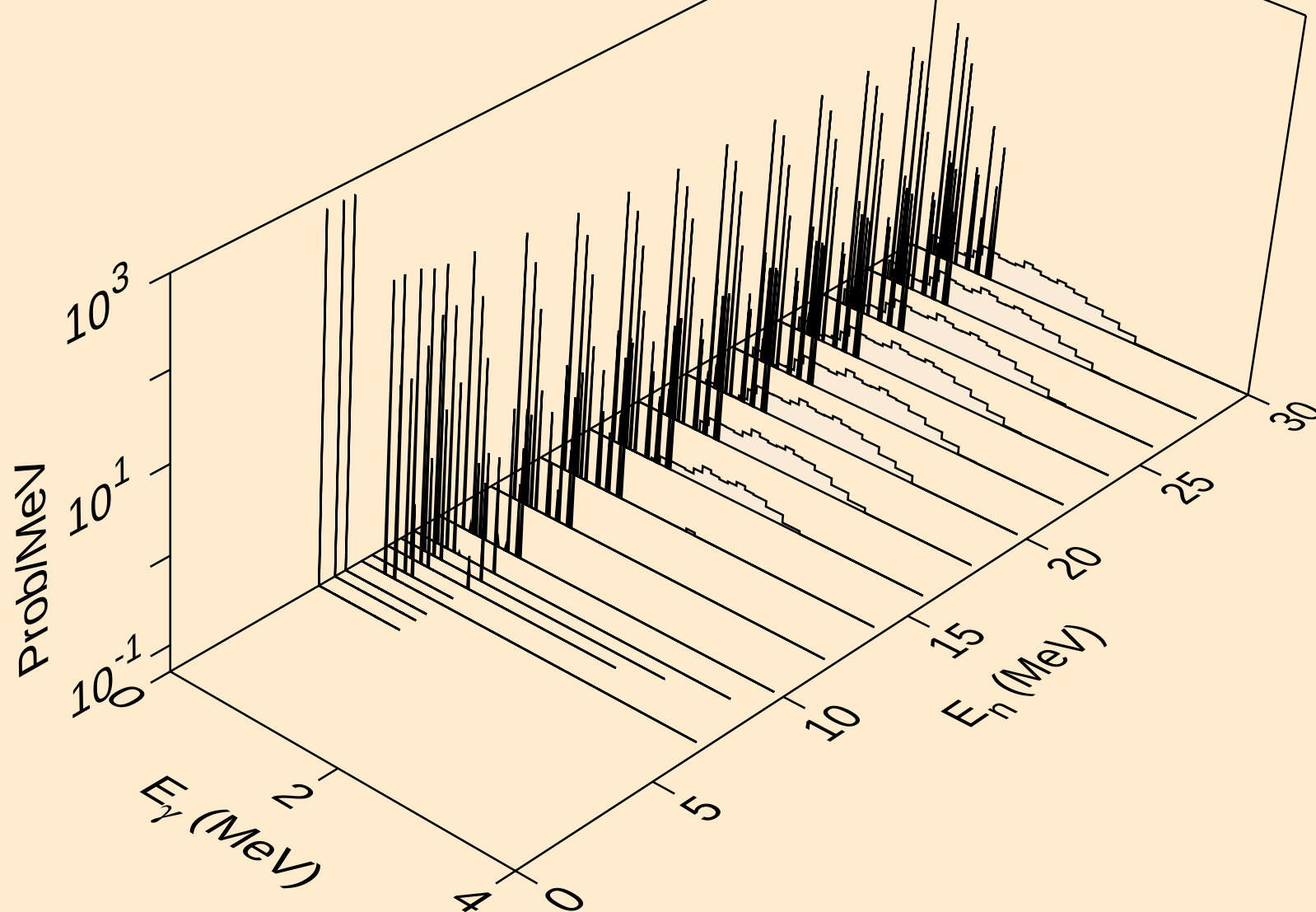
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



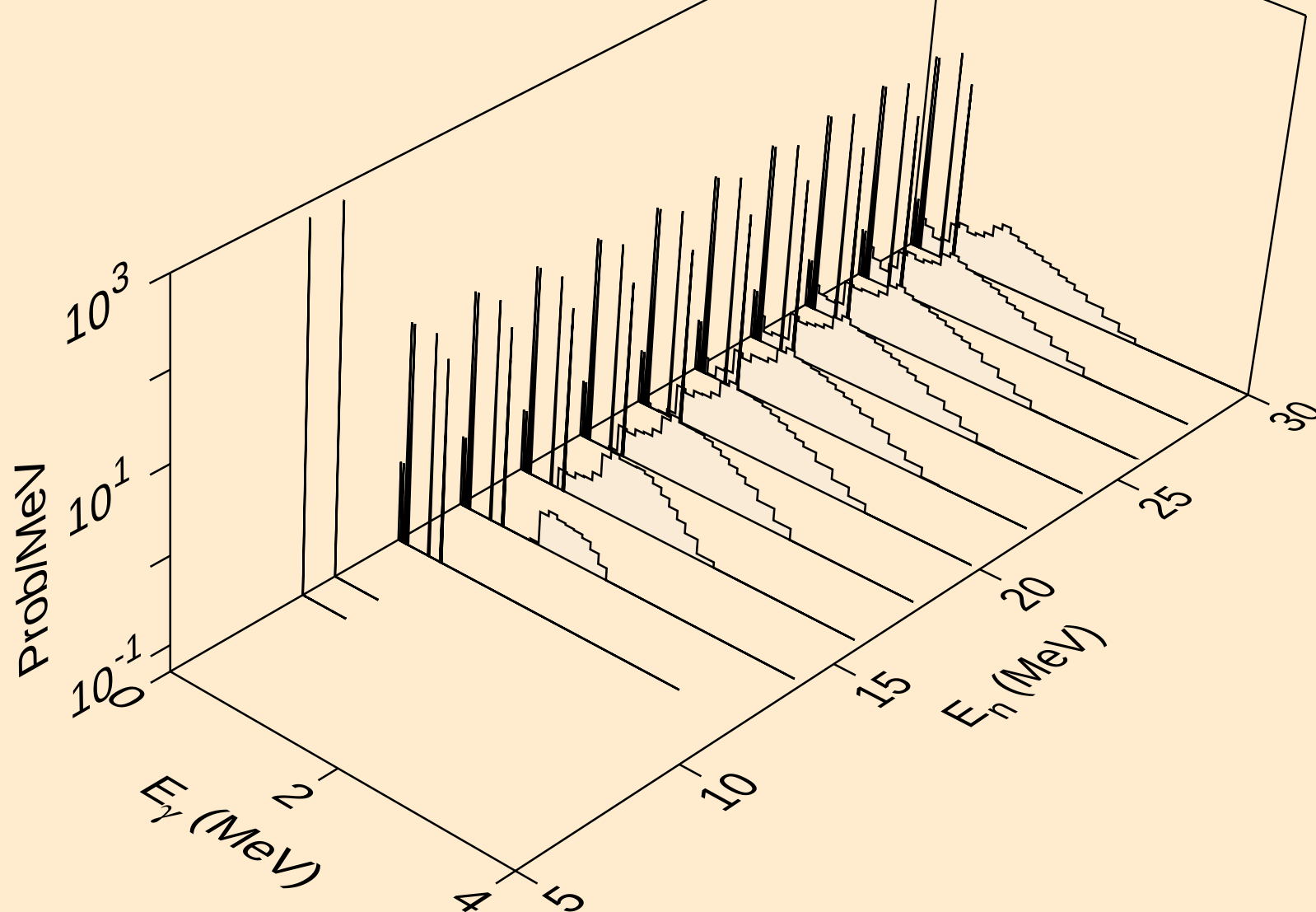
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



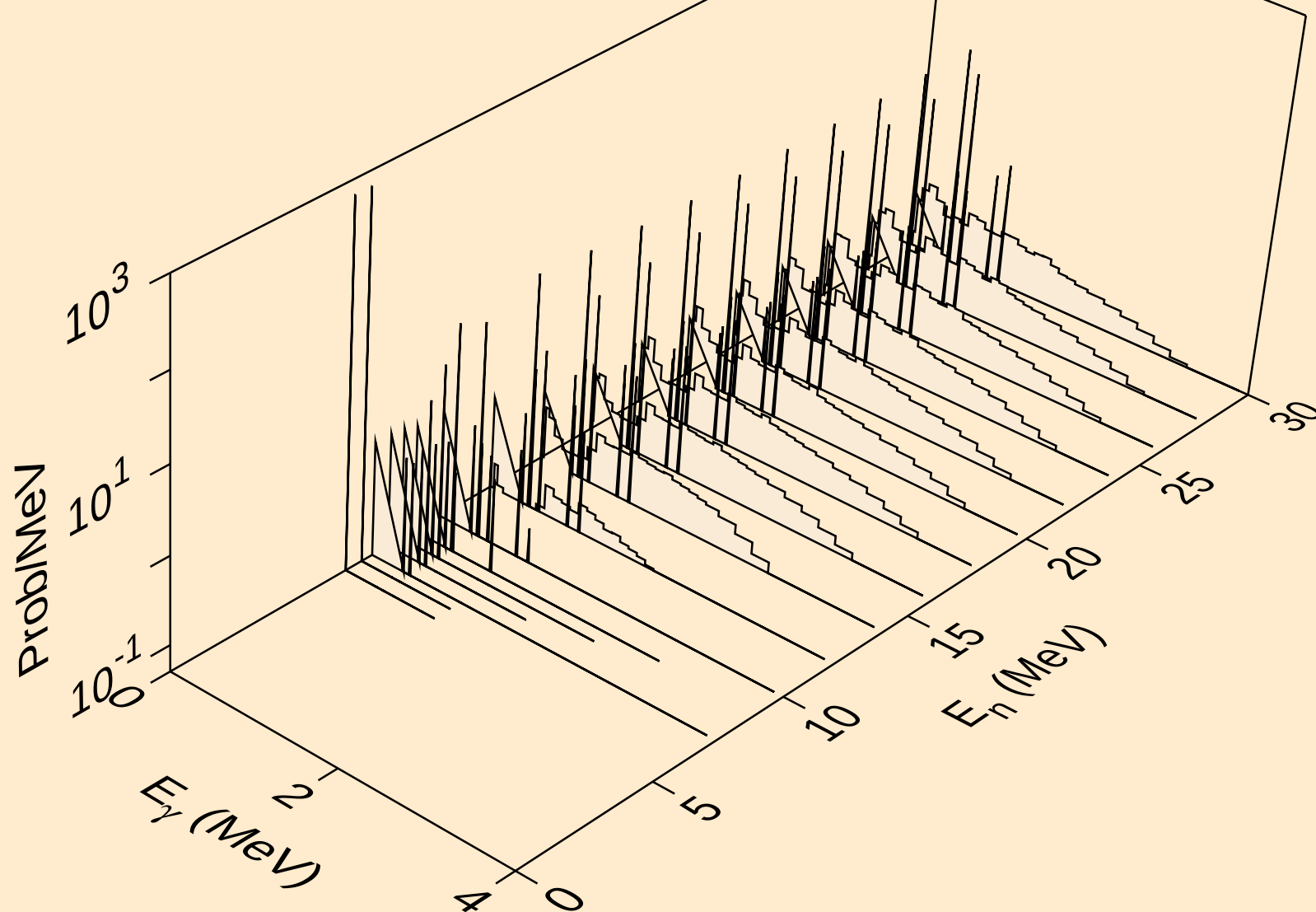
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



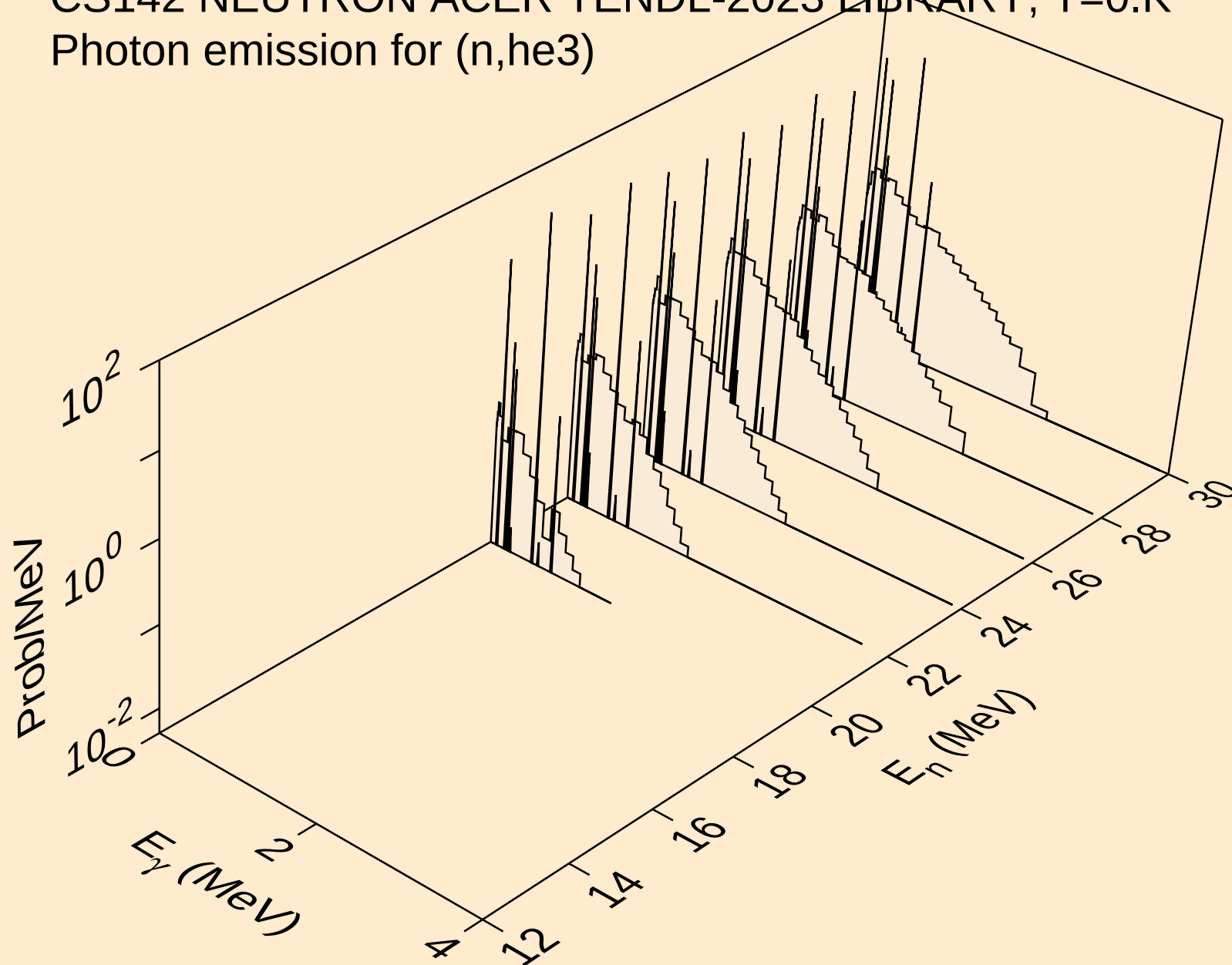
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



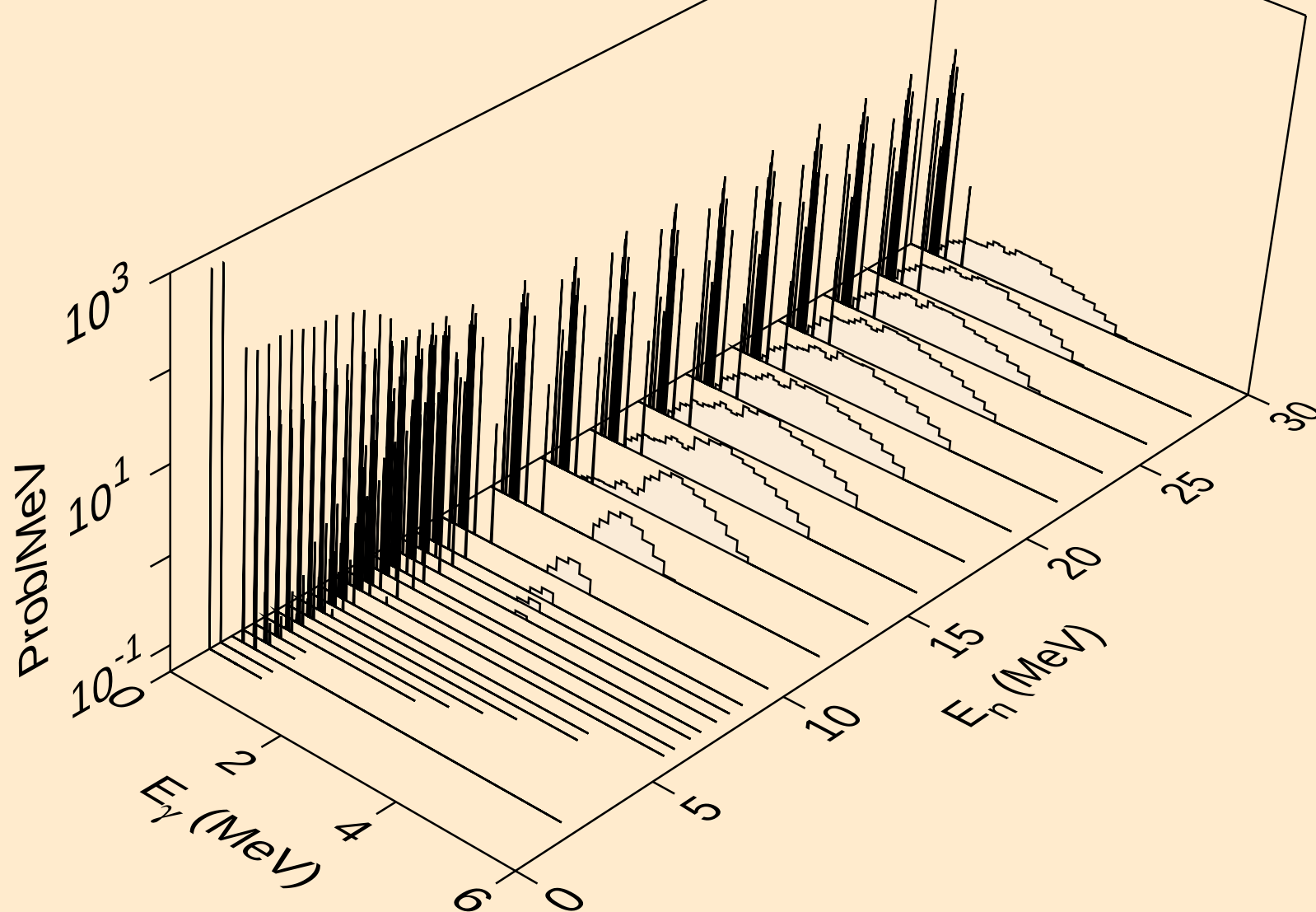
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



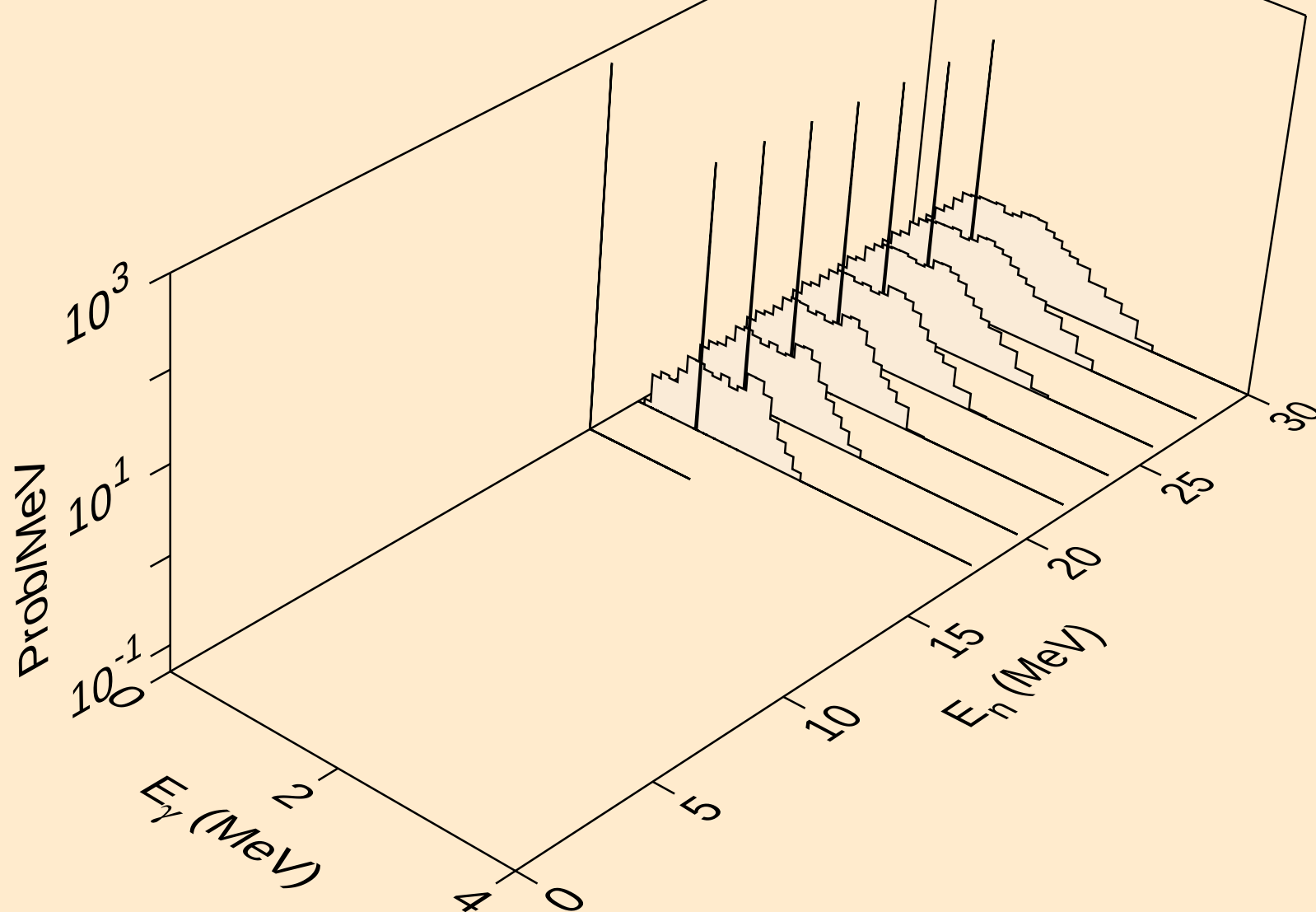
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



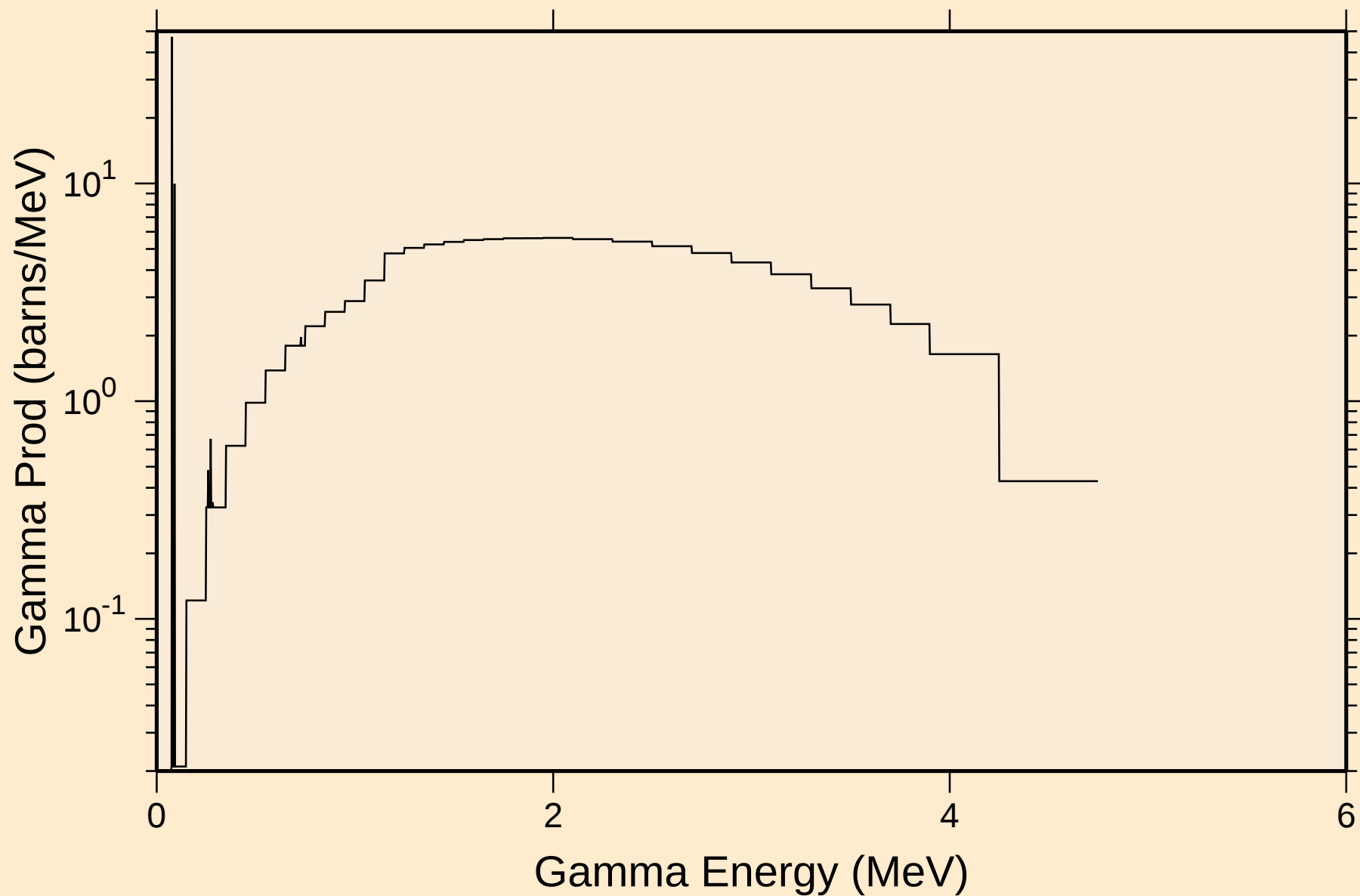
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



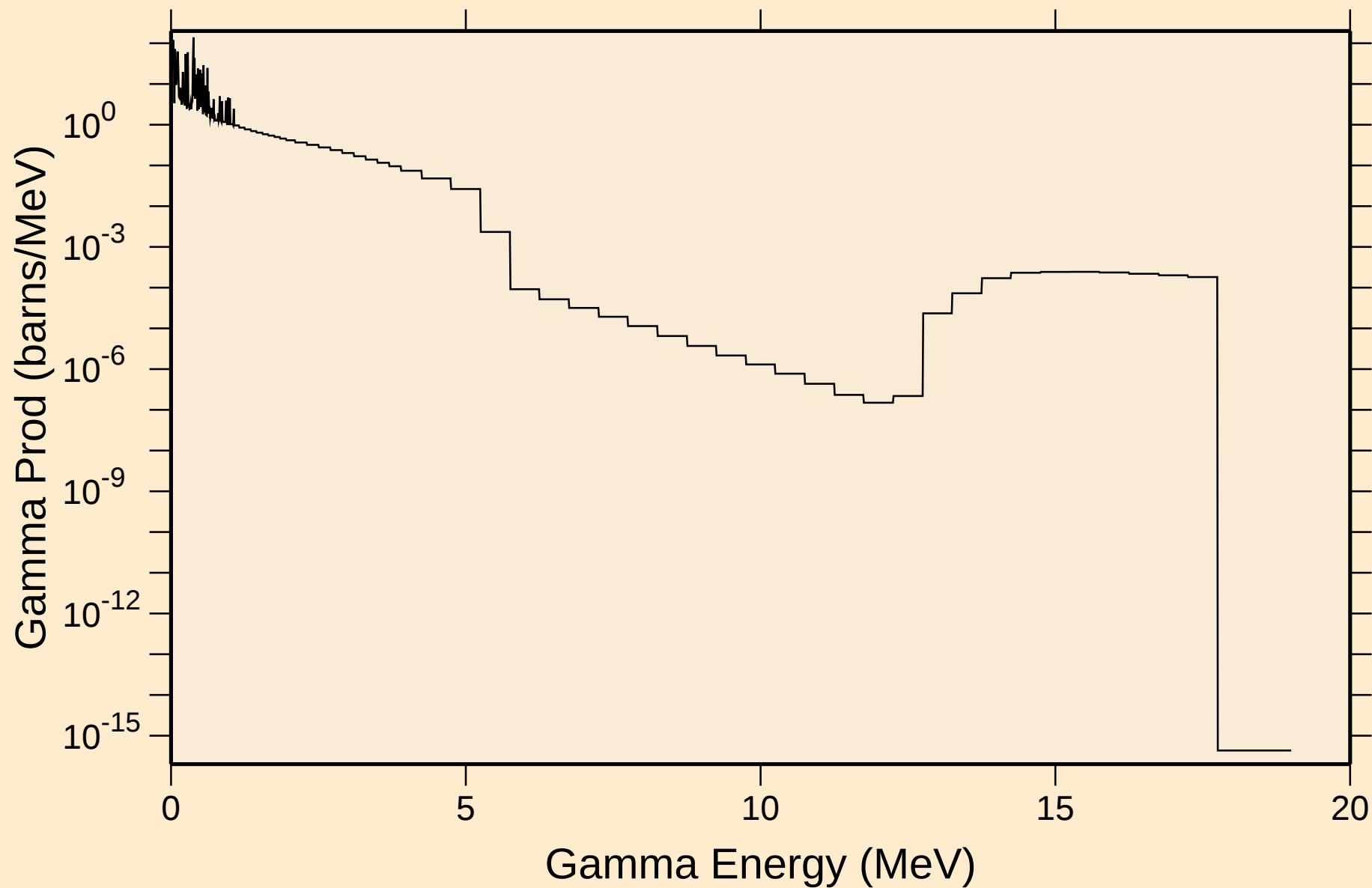
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

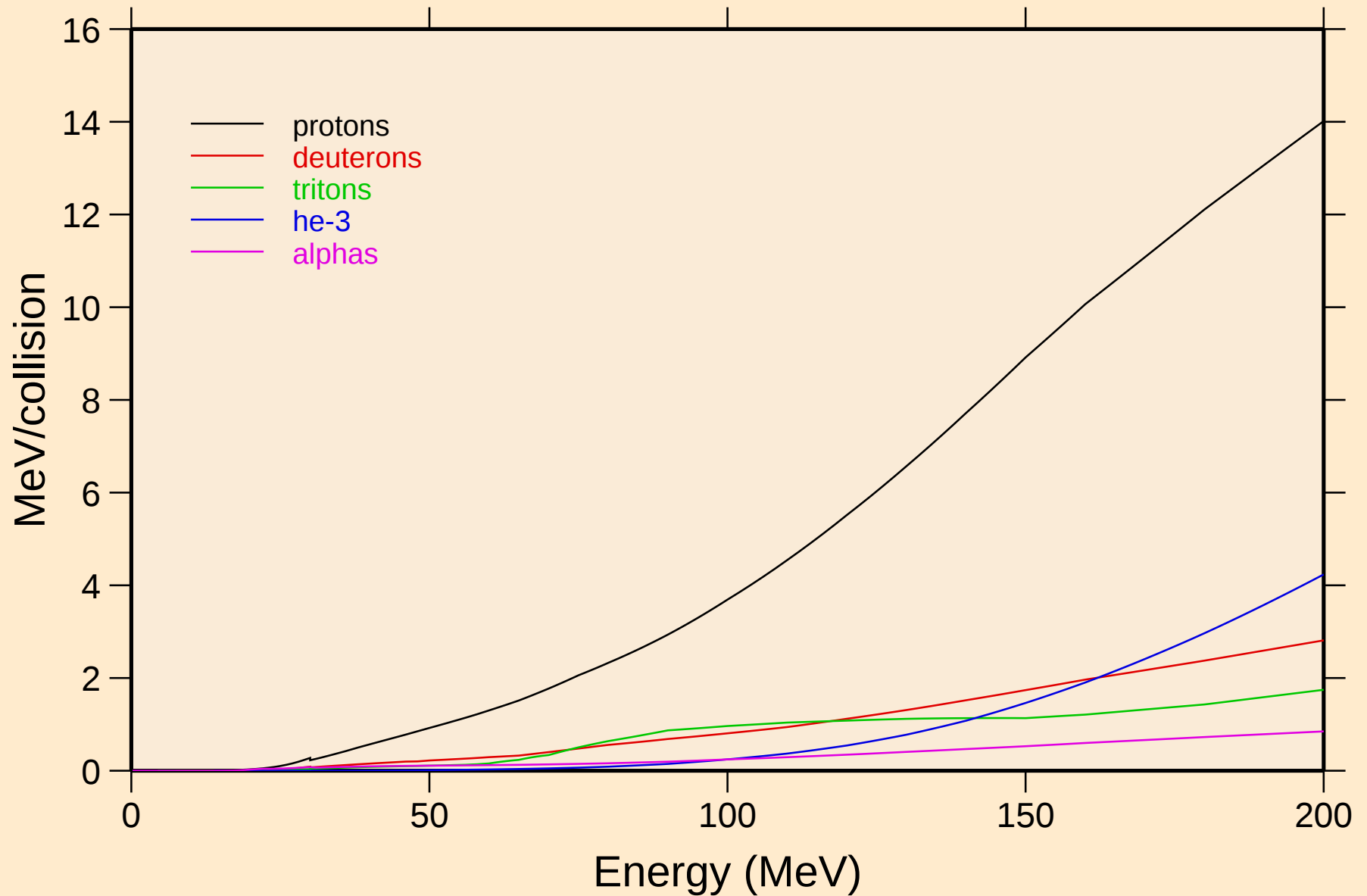


CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



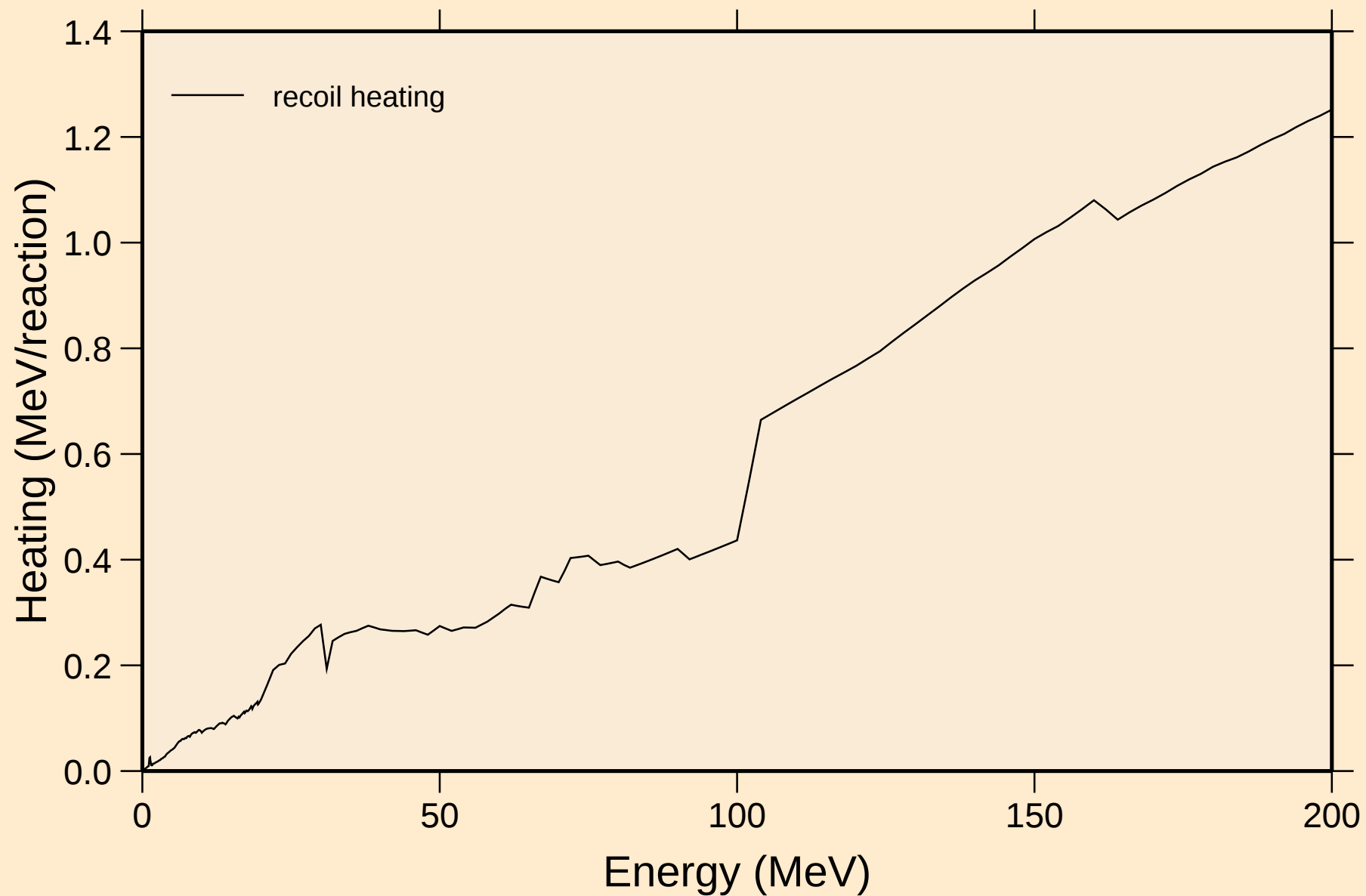
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



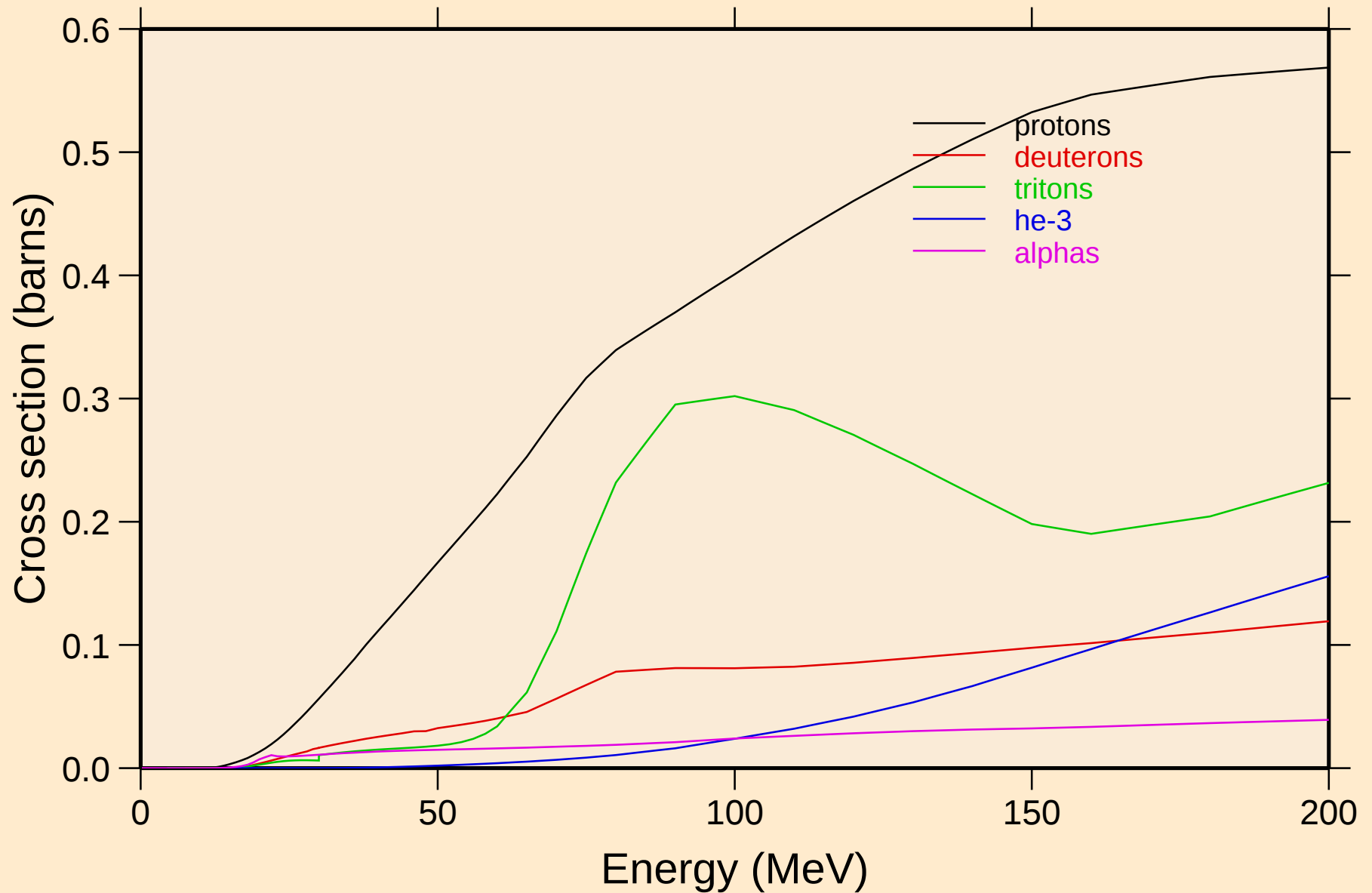
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

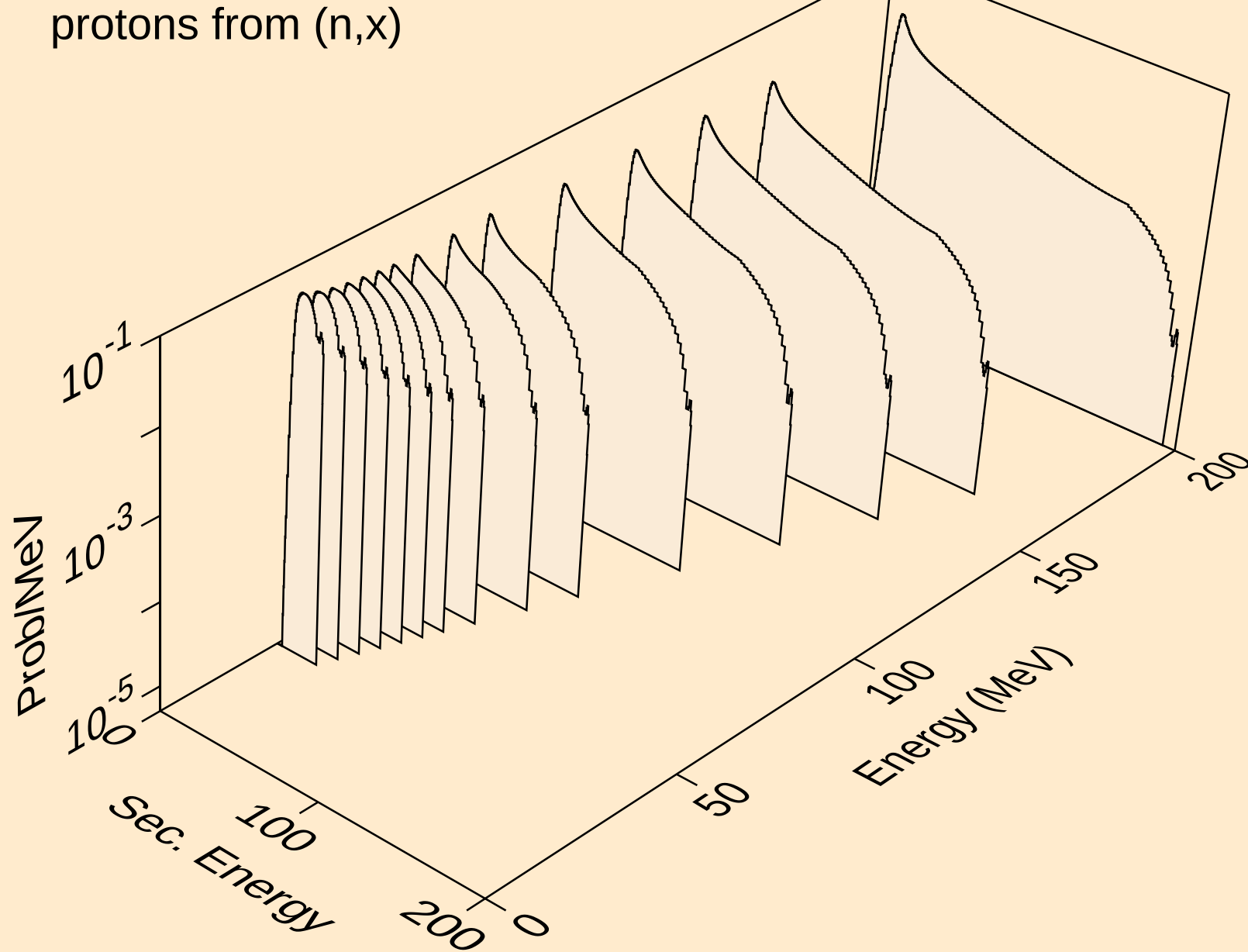


CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

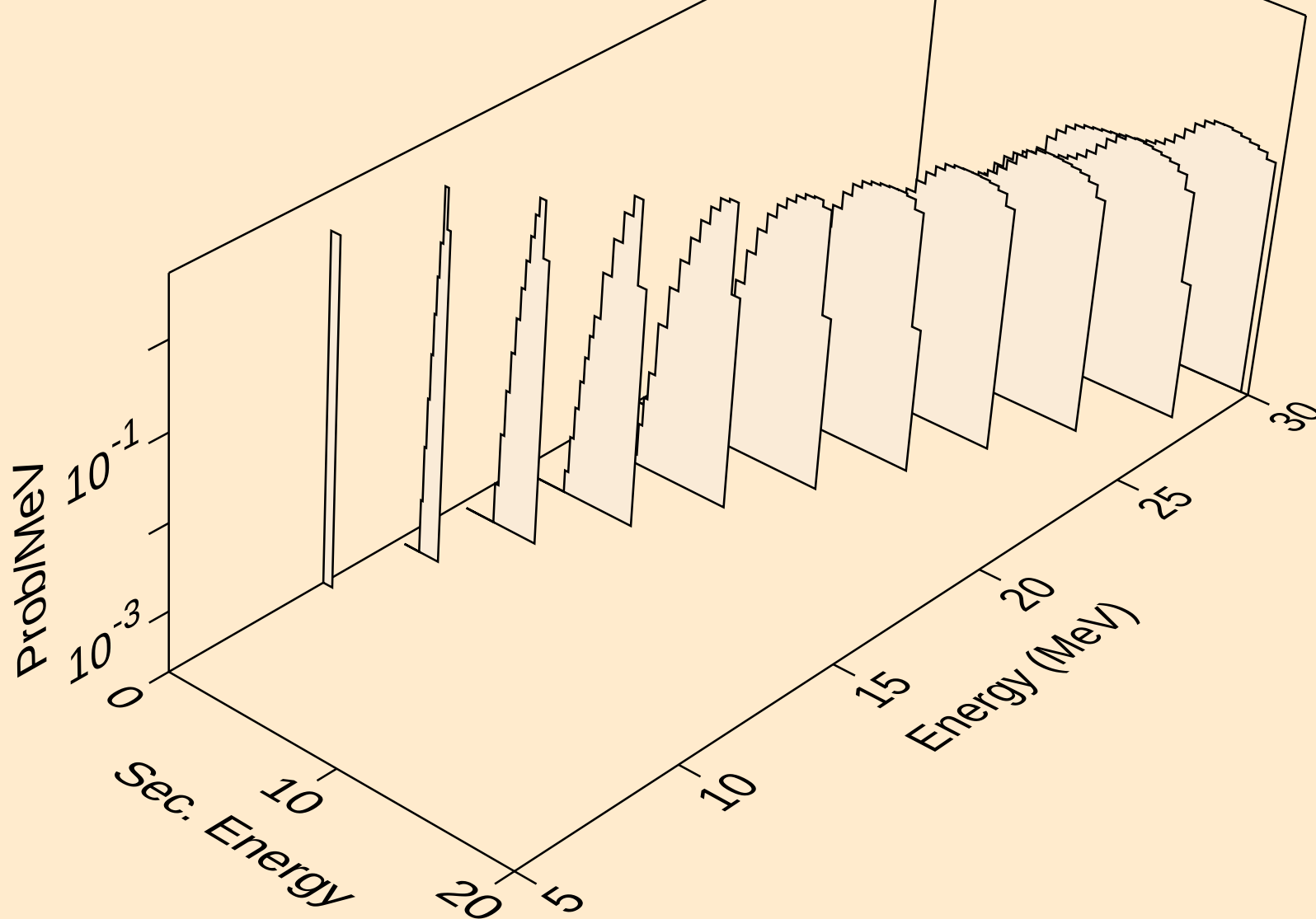
Particle production cross sections



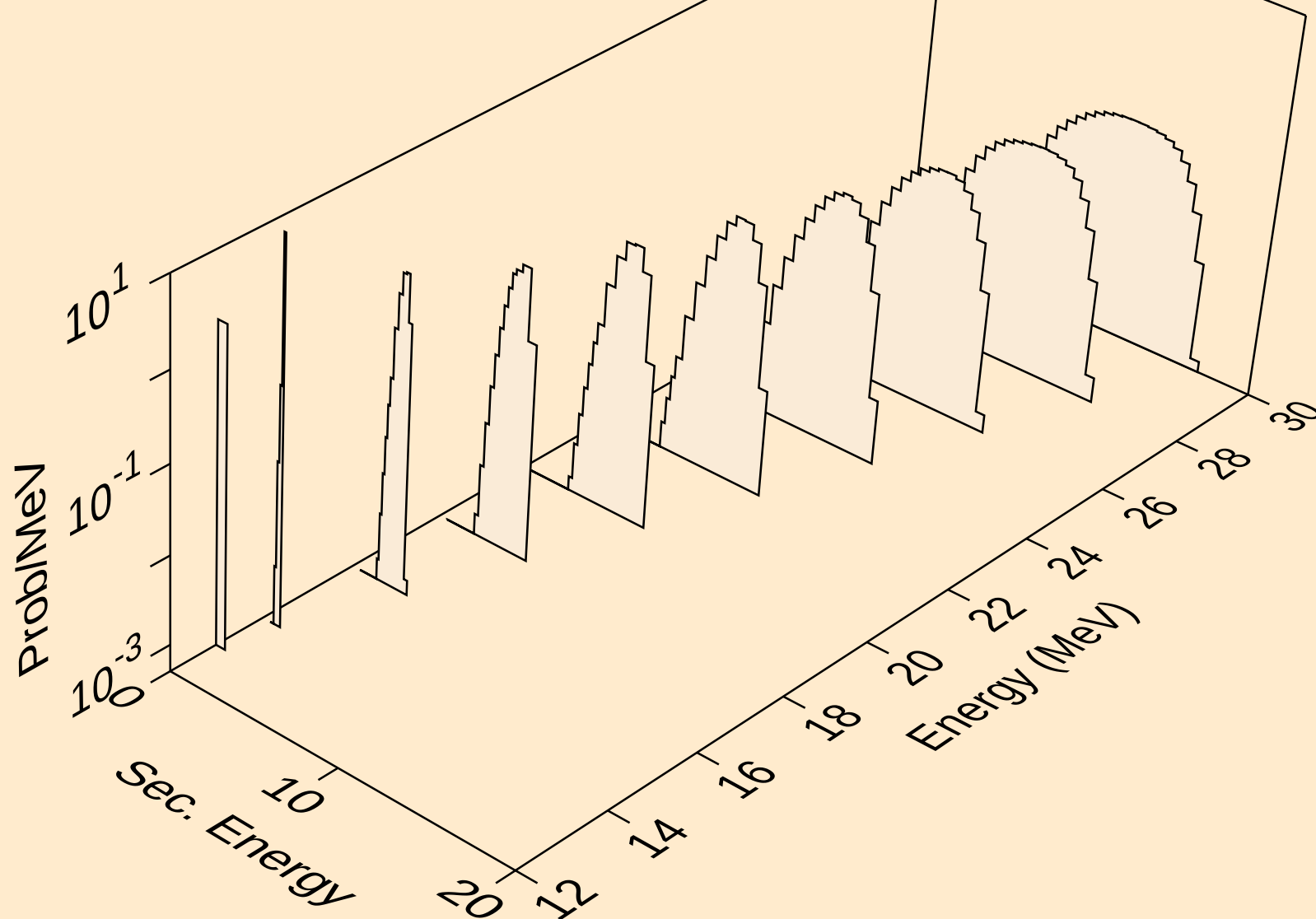
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



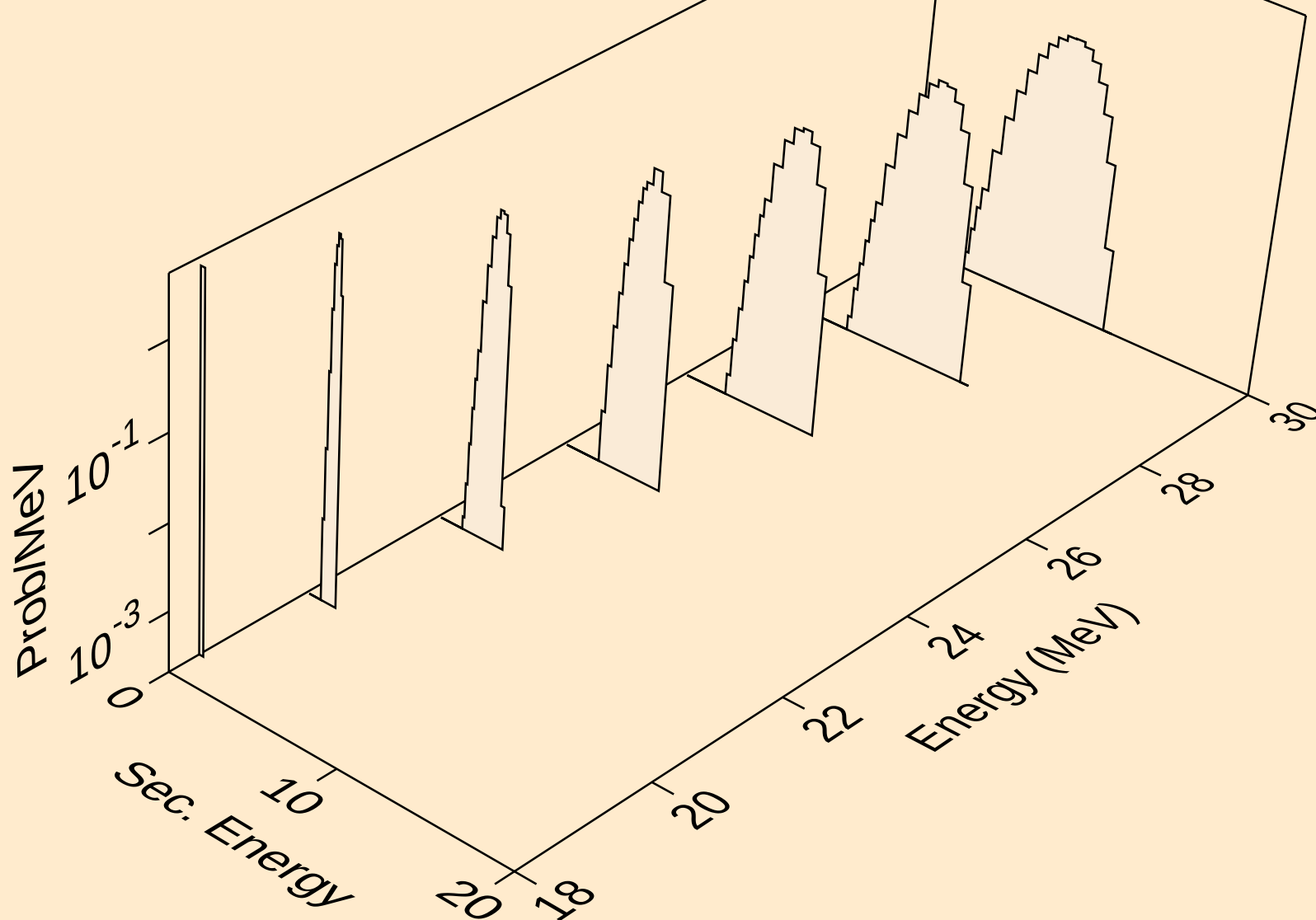
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



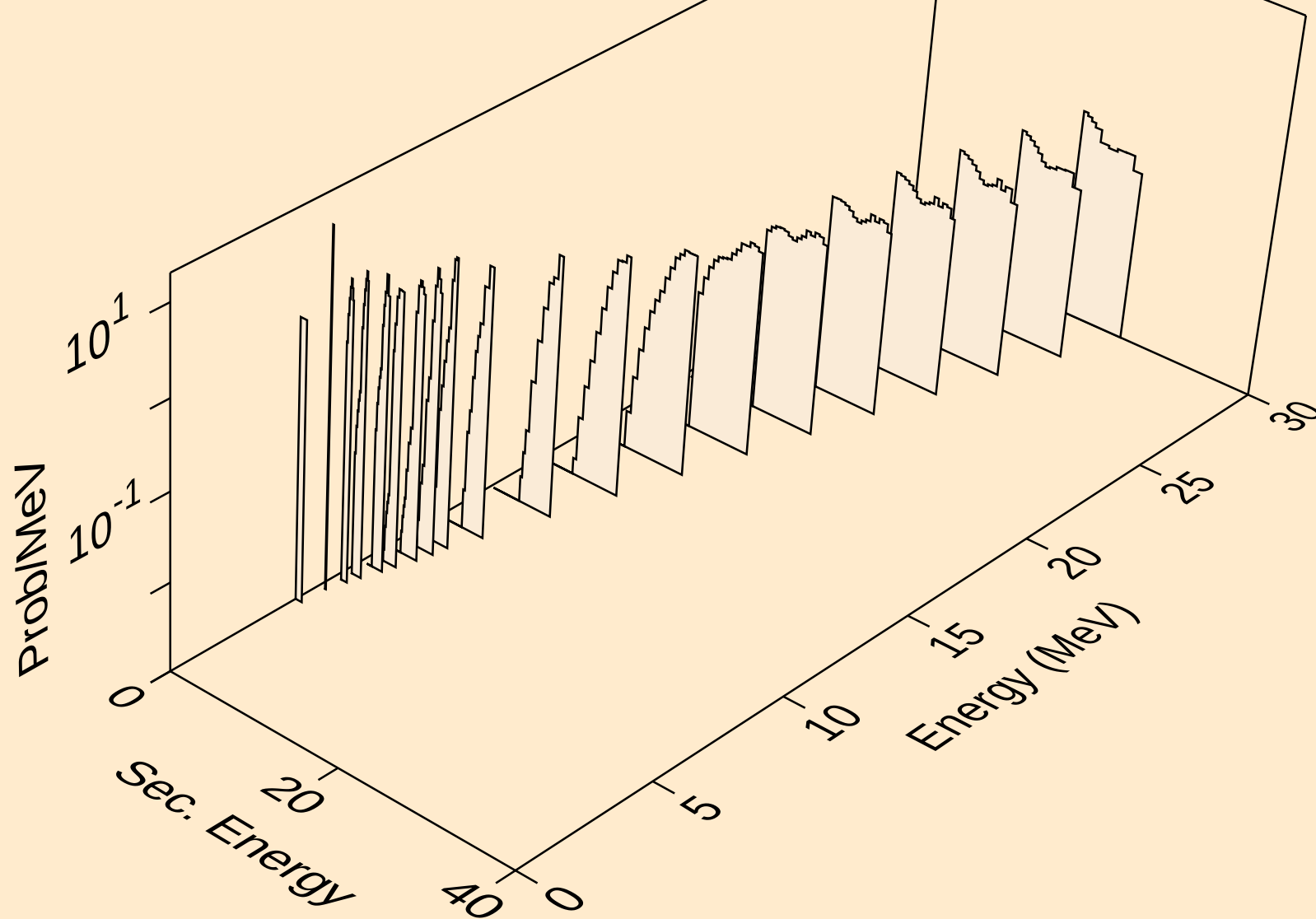
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



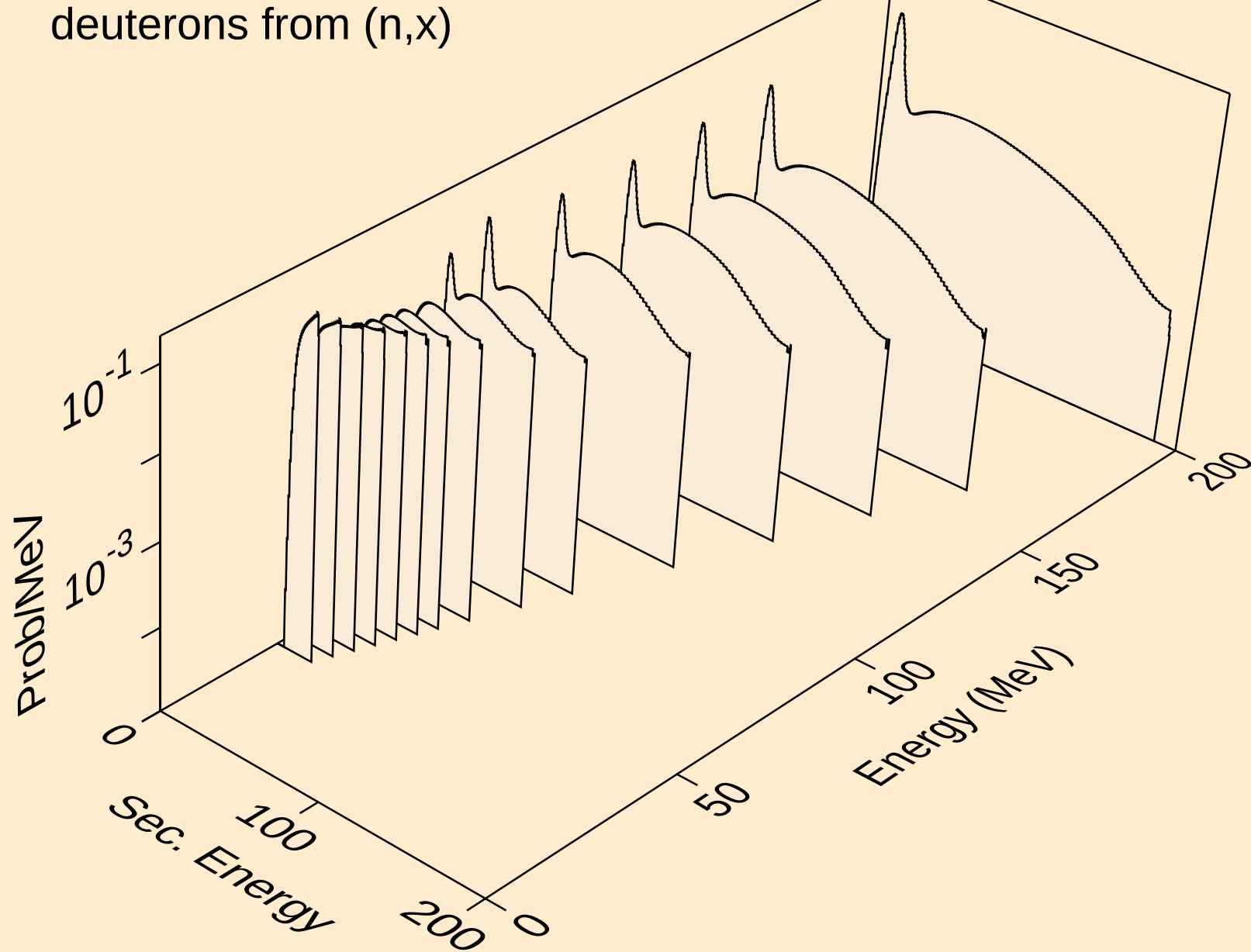
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



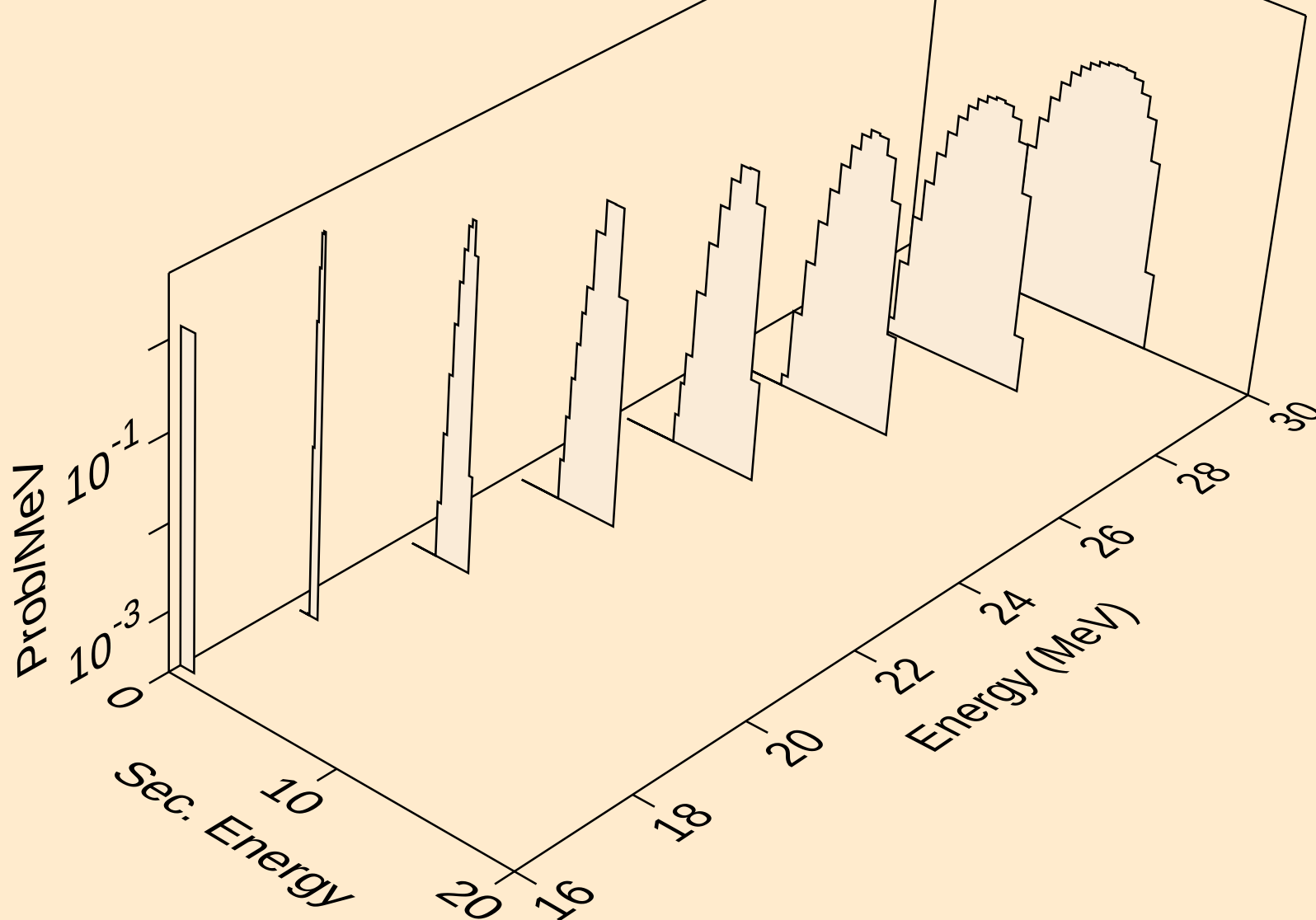
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



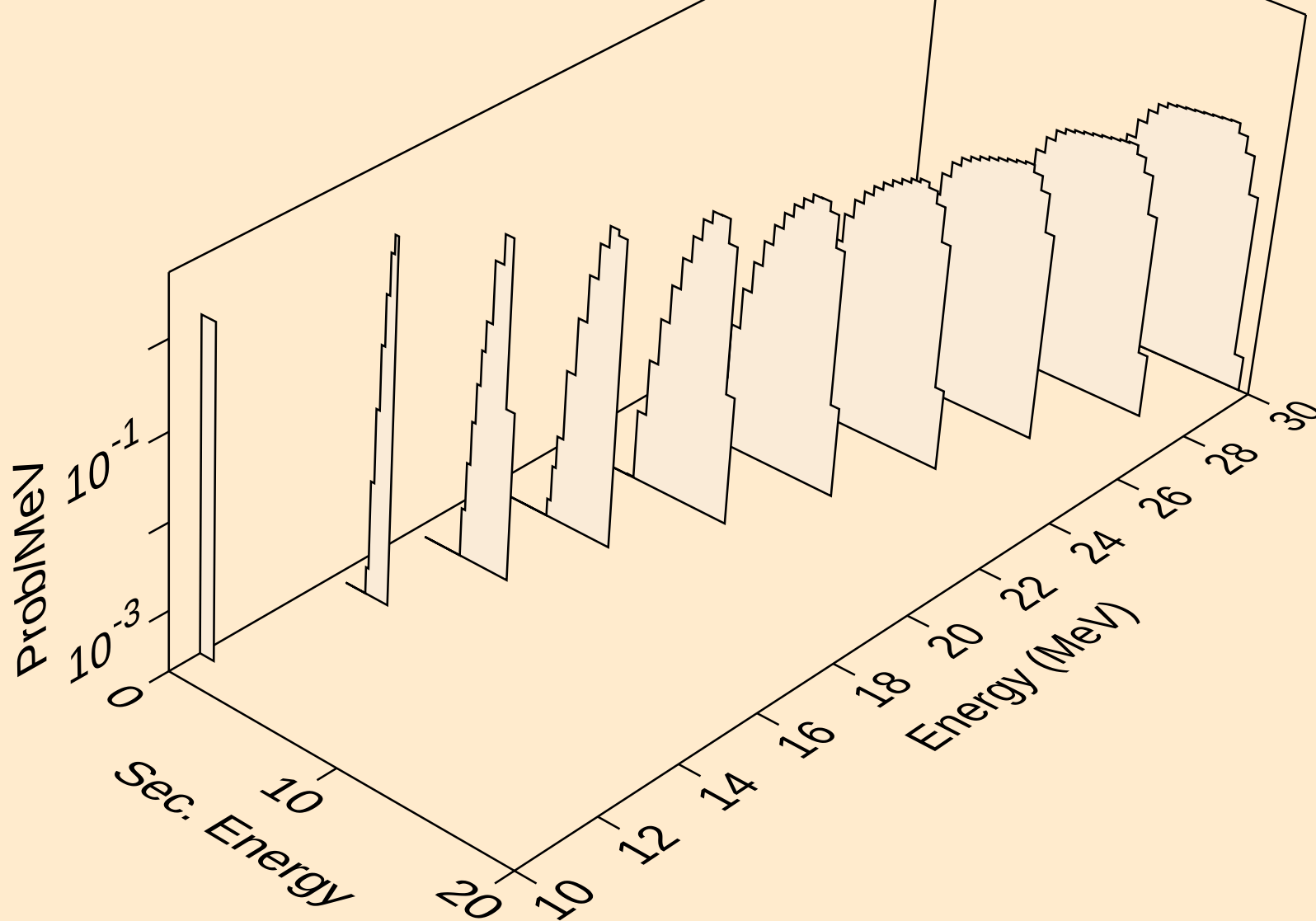
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



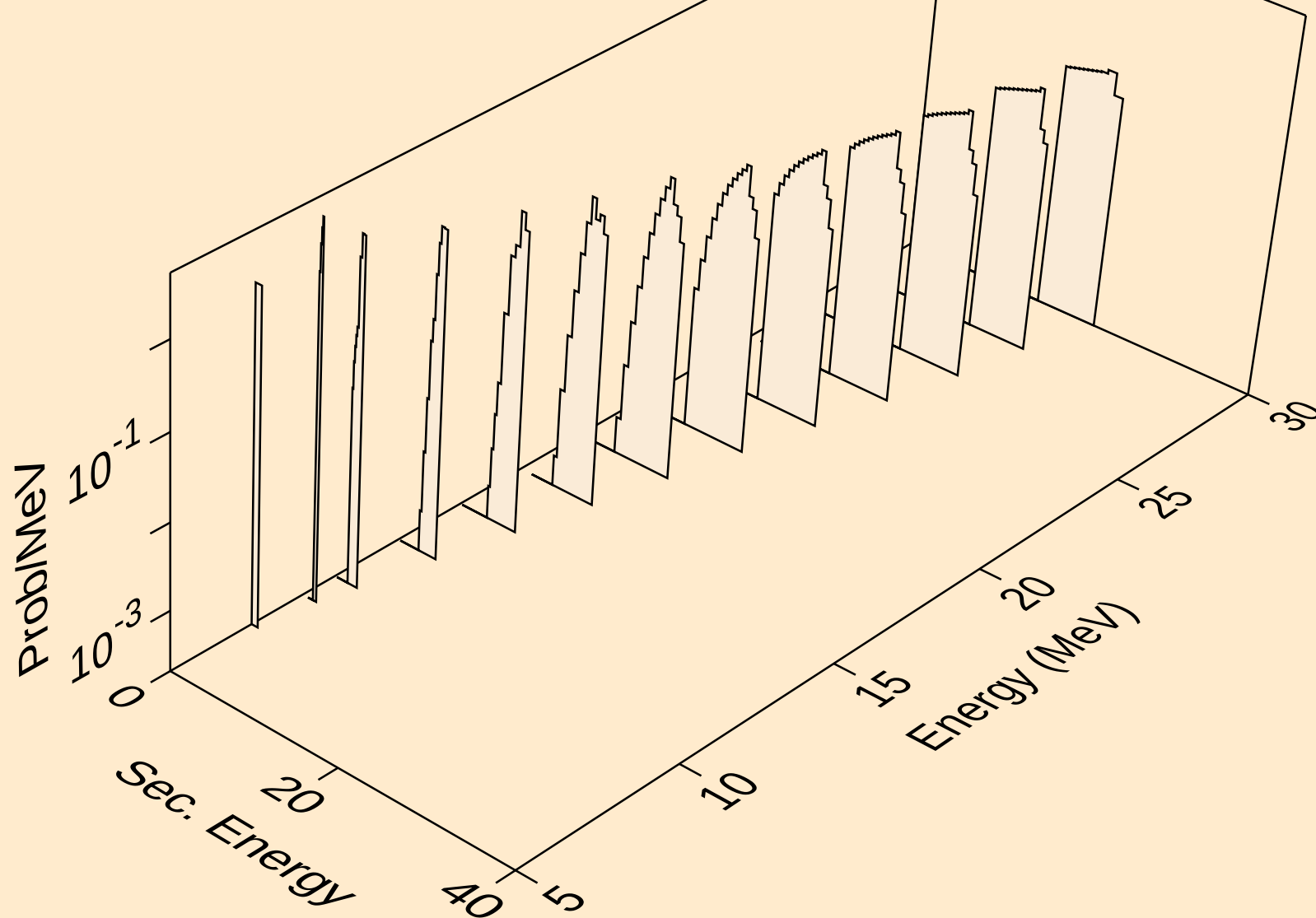
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



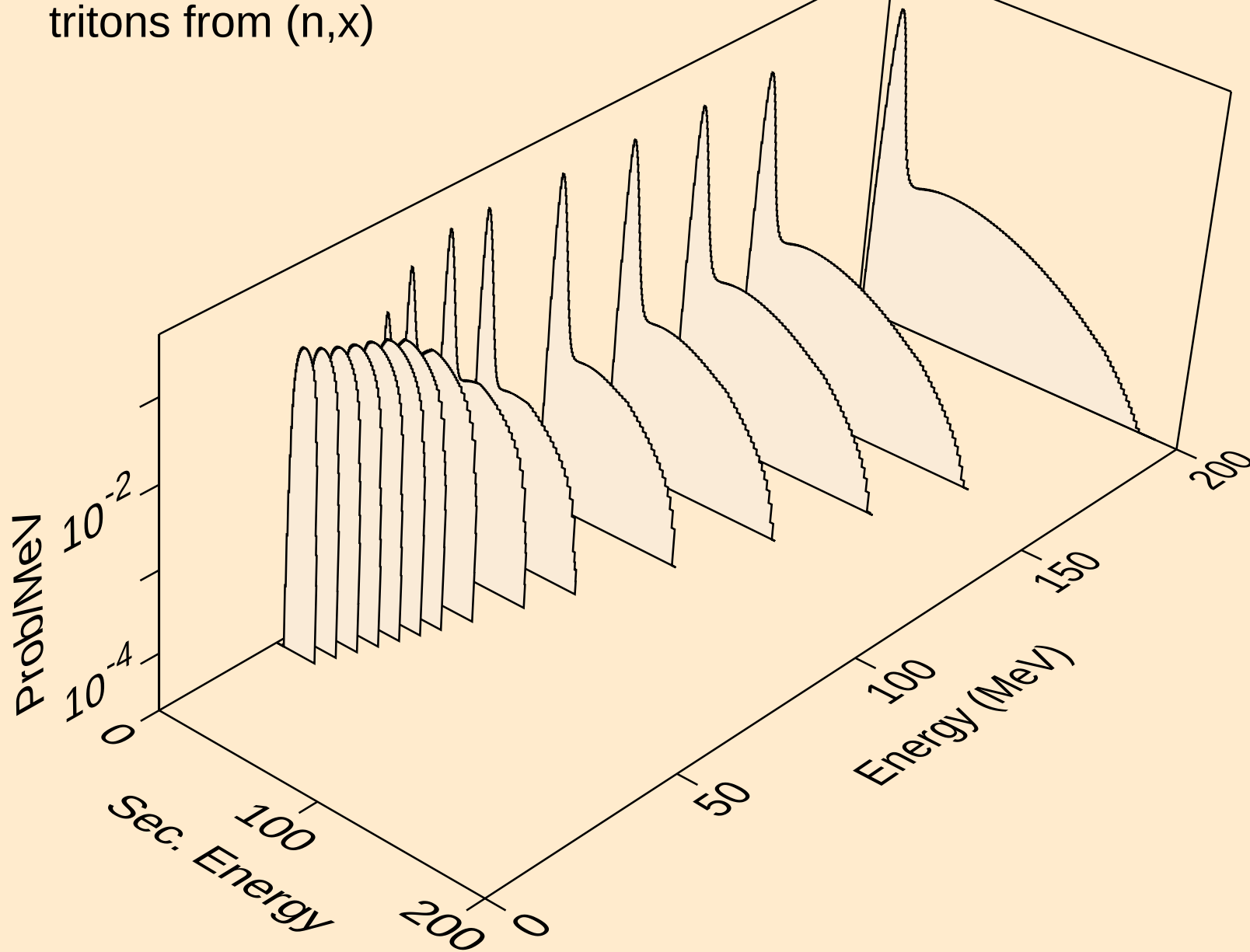
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



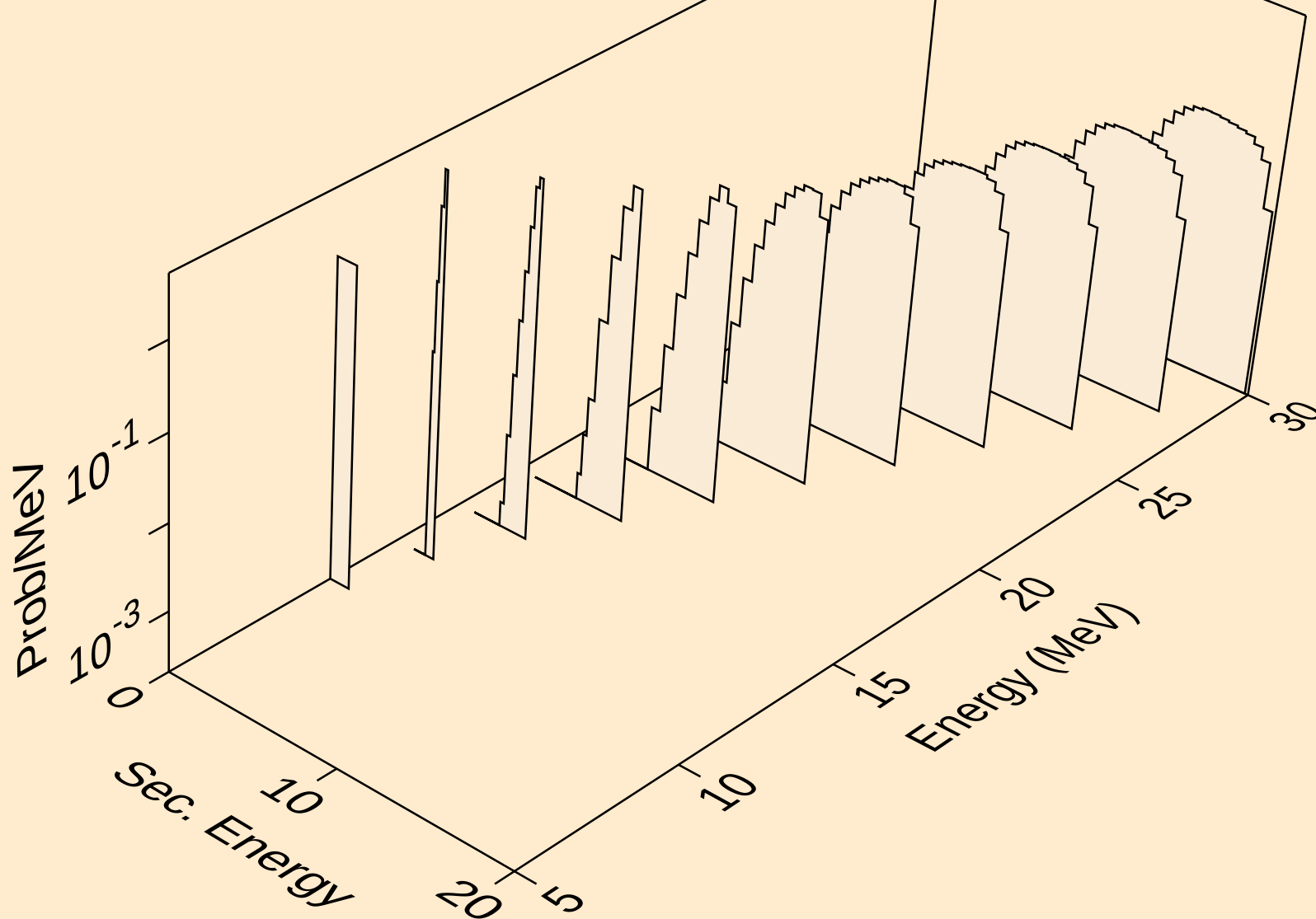
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deuterons from (n,d)



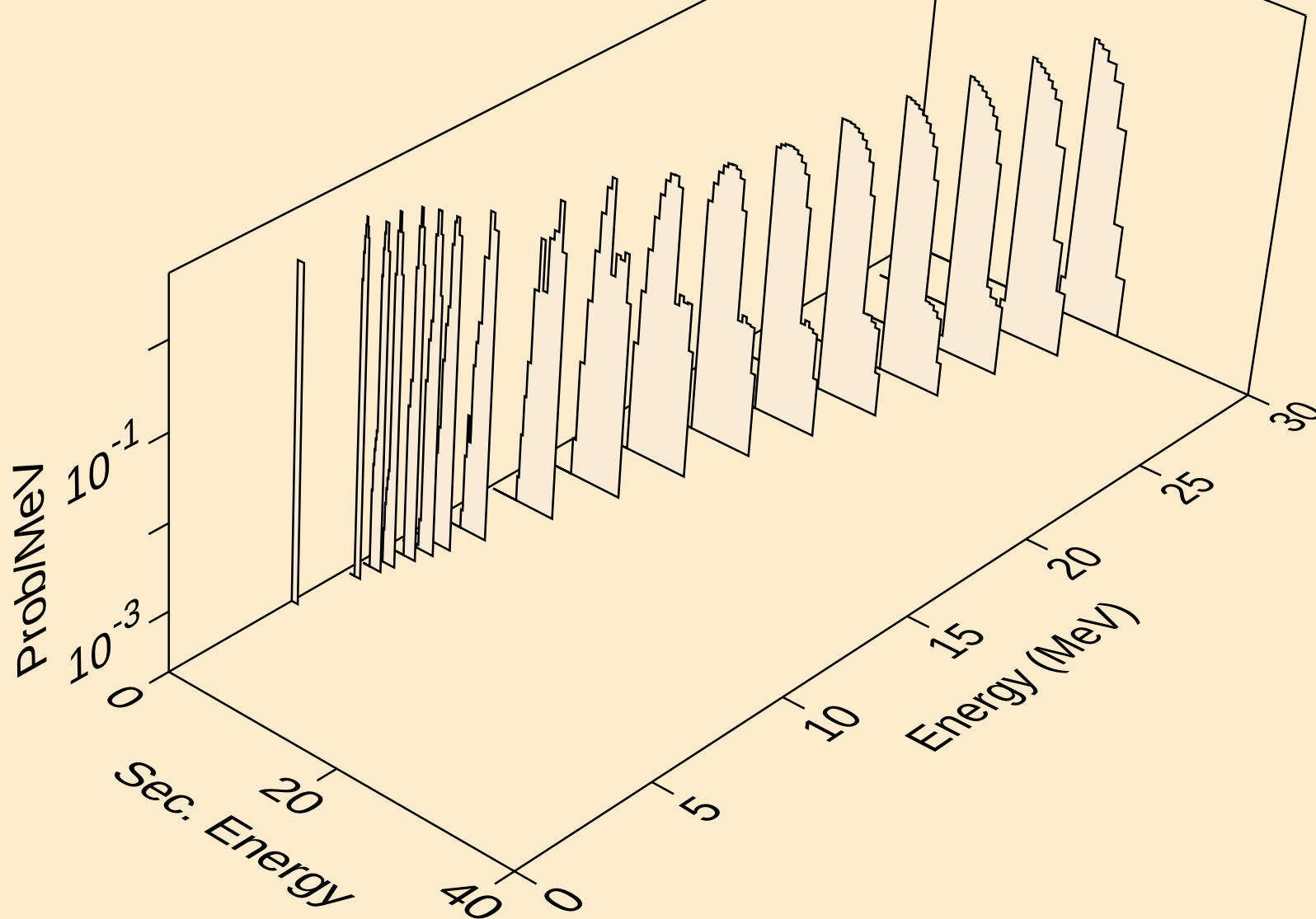
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



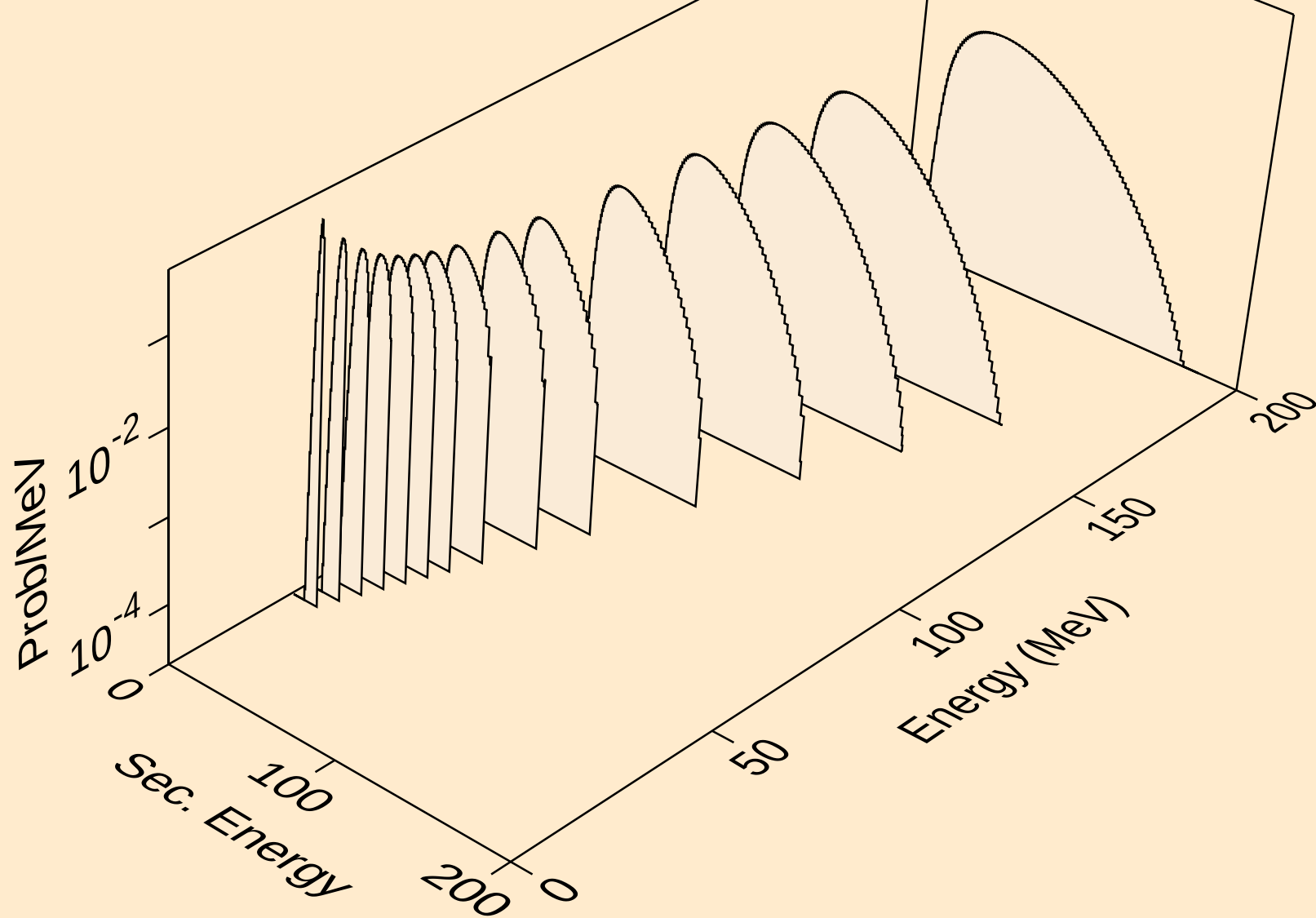
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



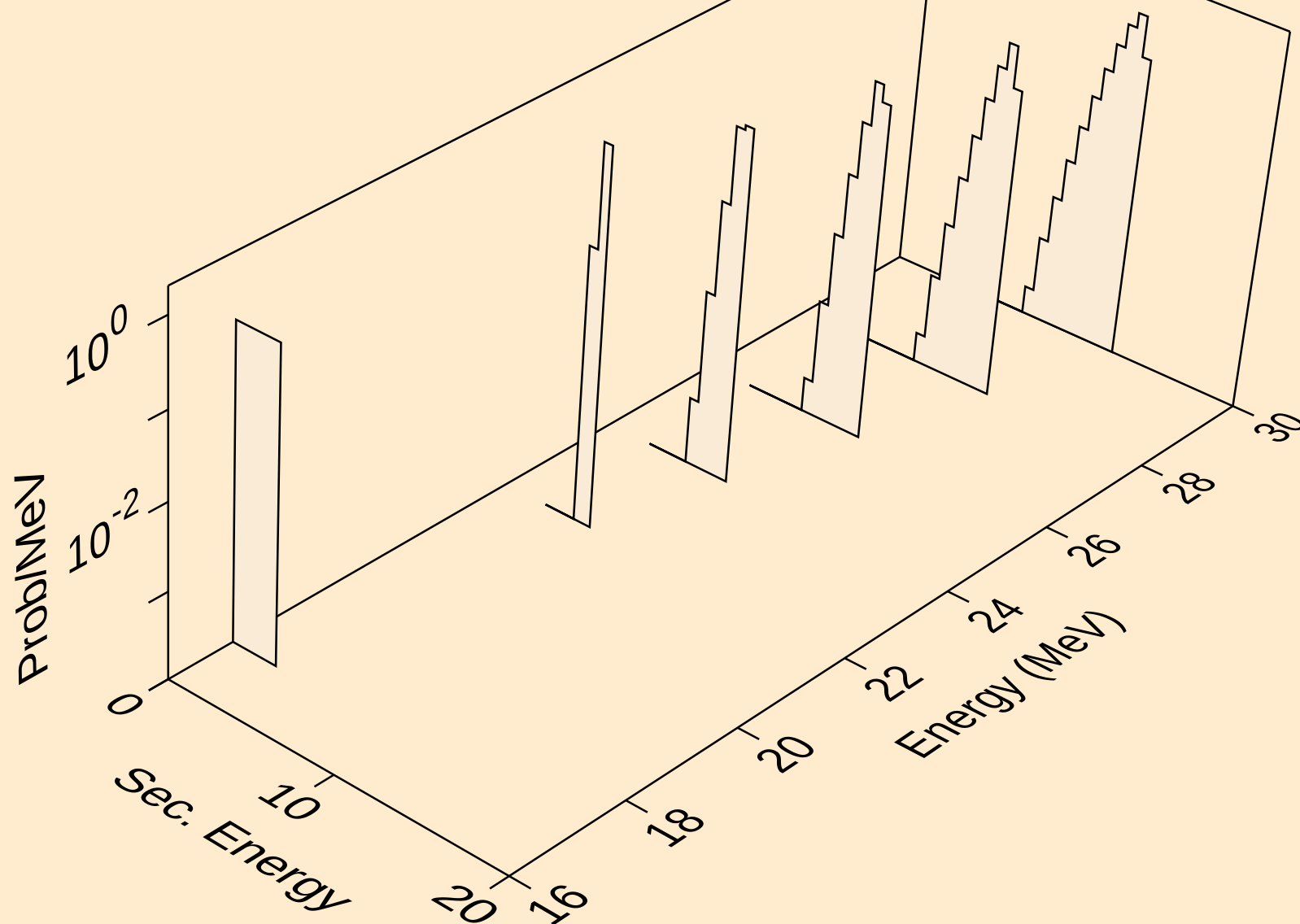
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tritons from (n,t)



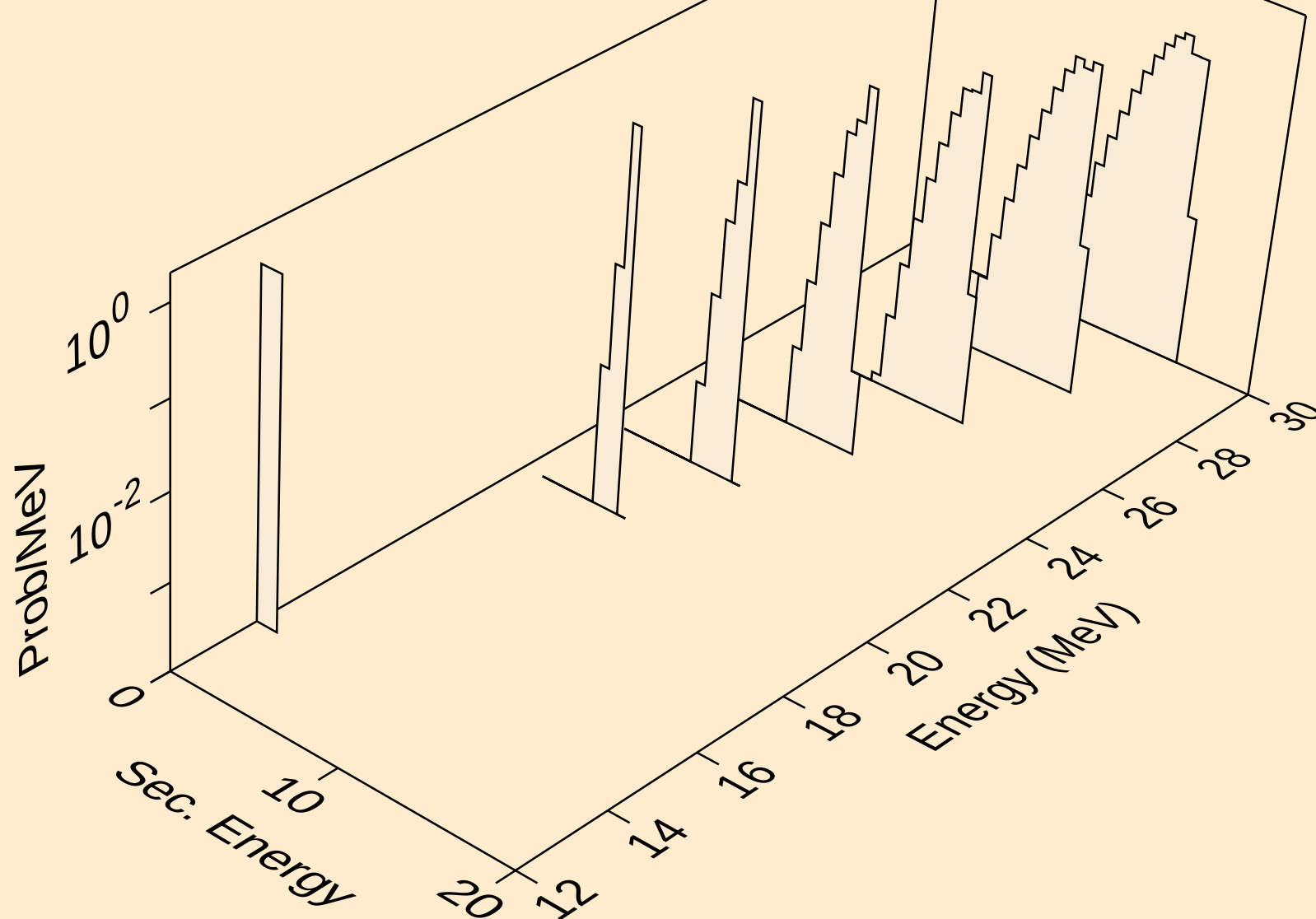
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



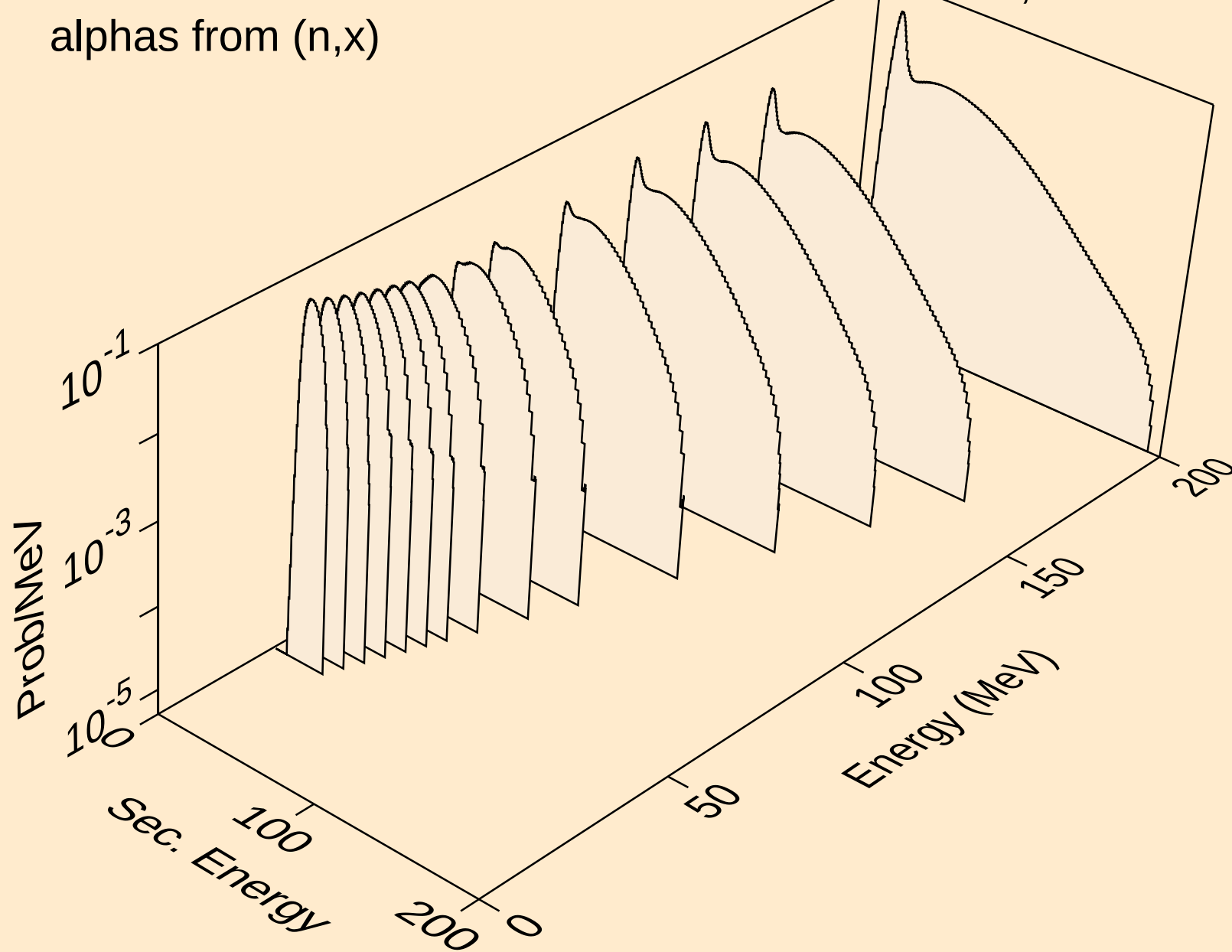
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



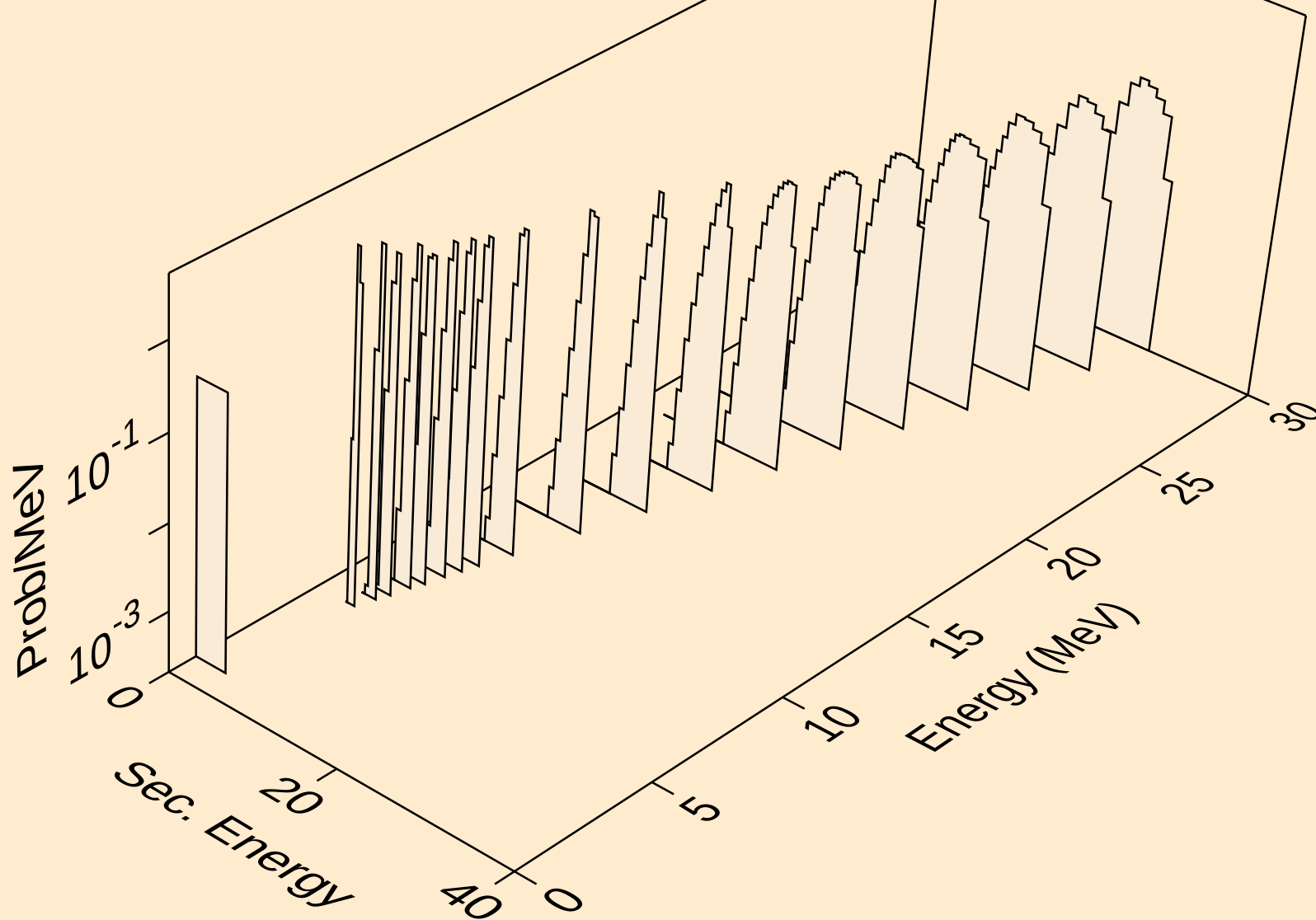
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



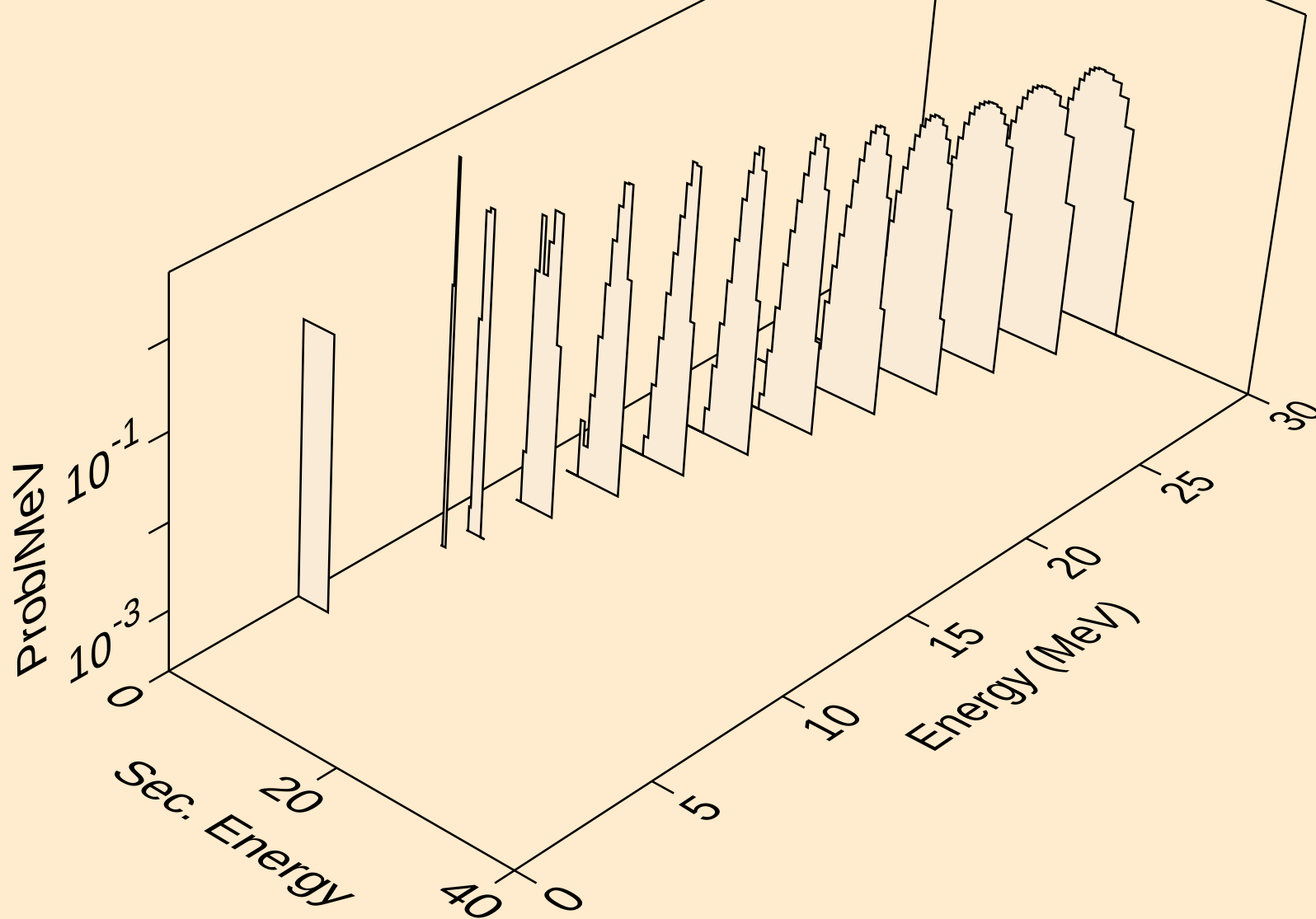
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



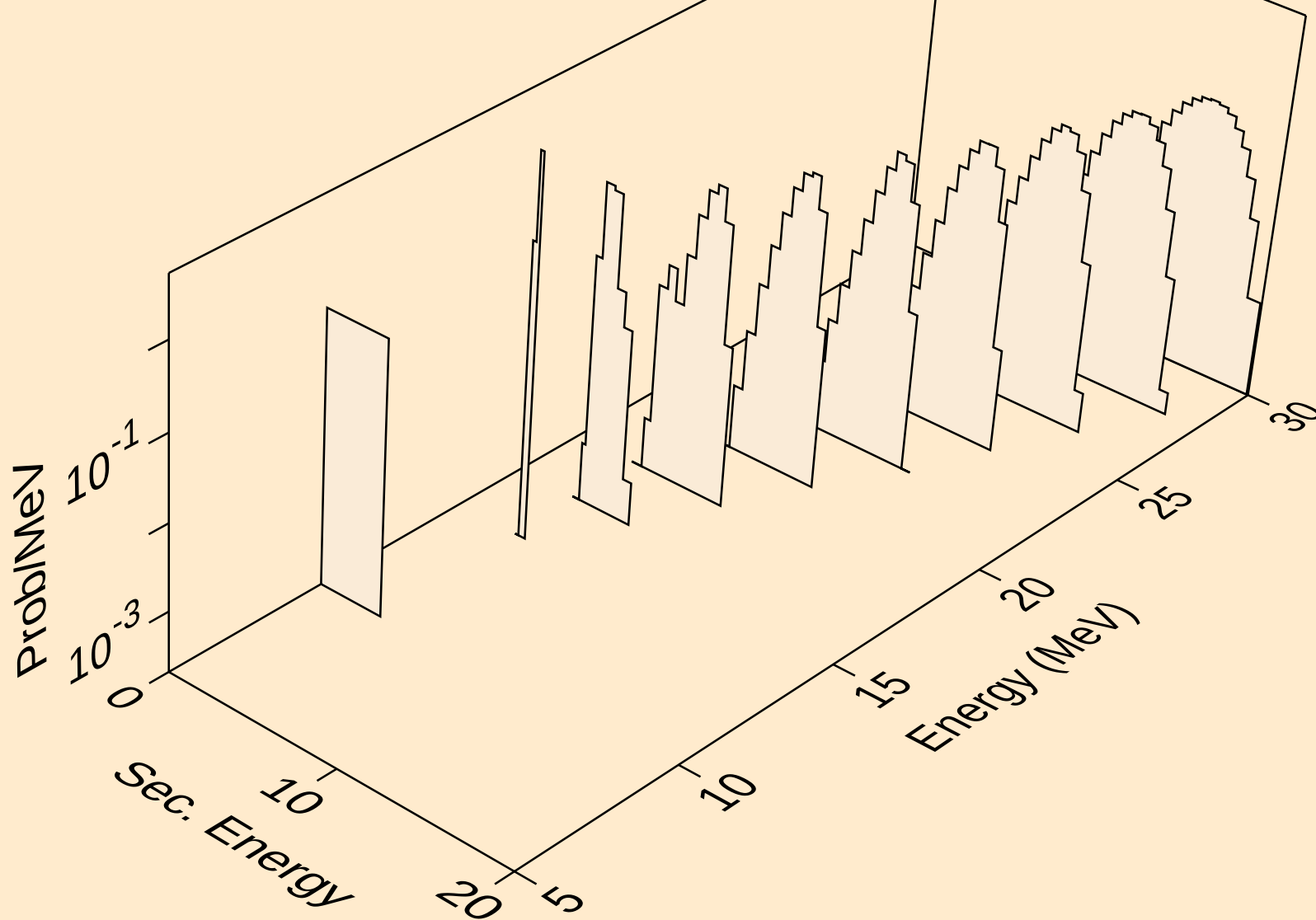
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



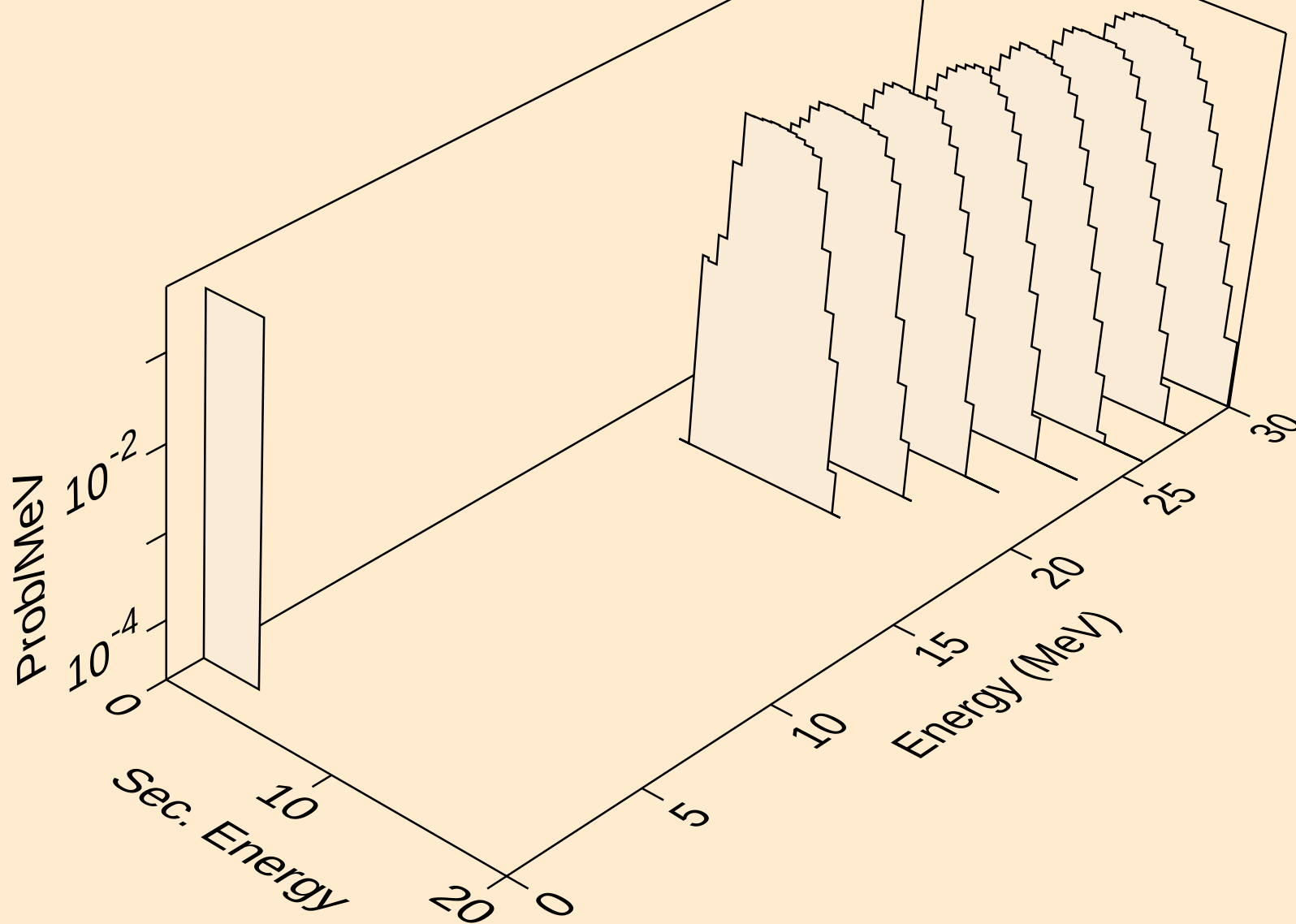
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



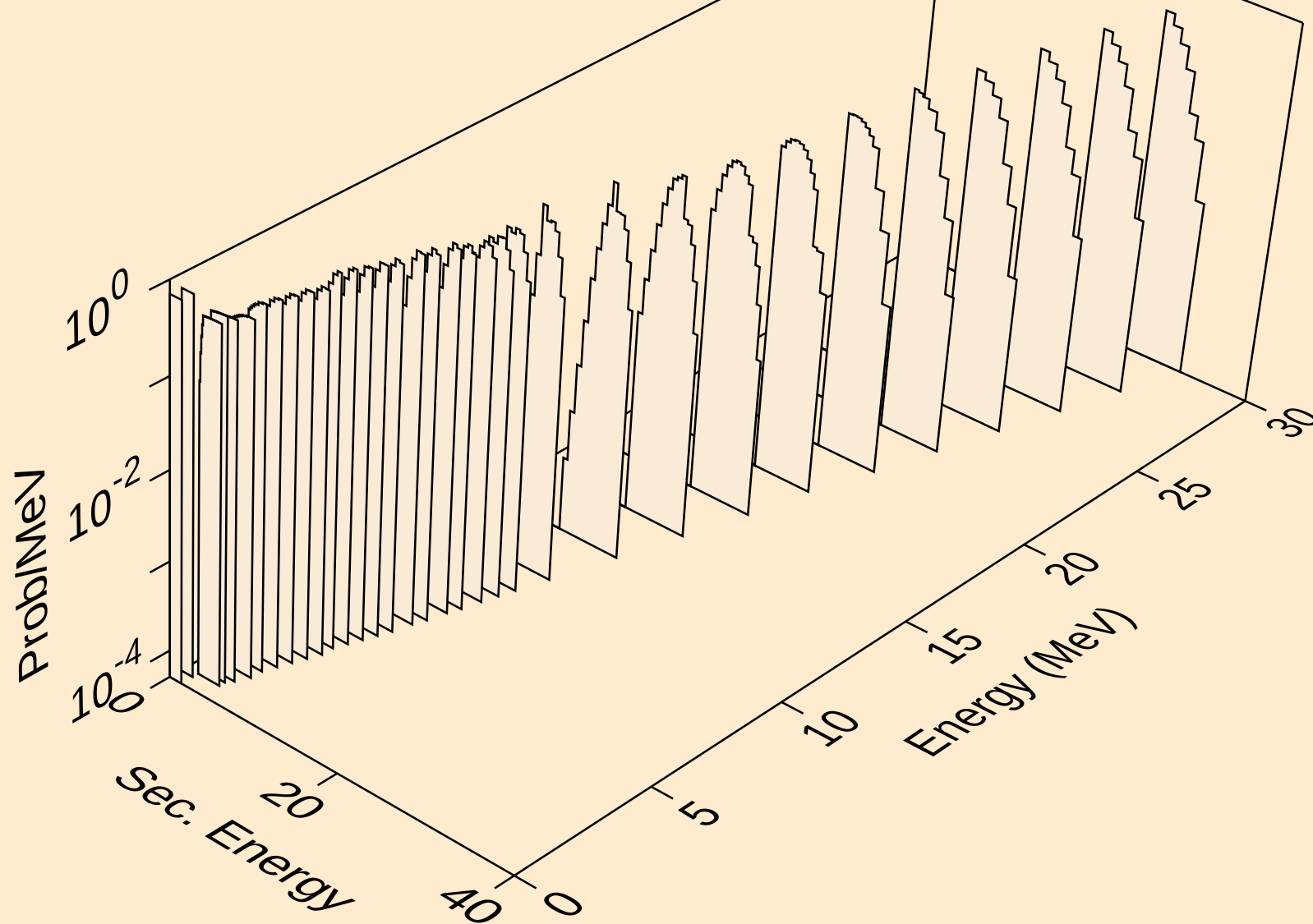
CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



CS142 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)

