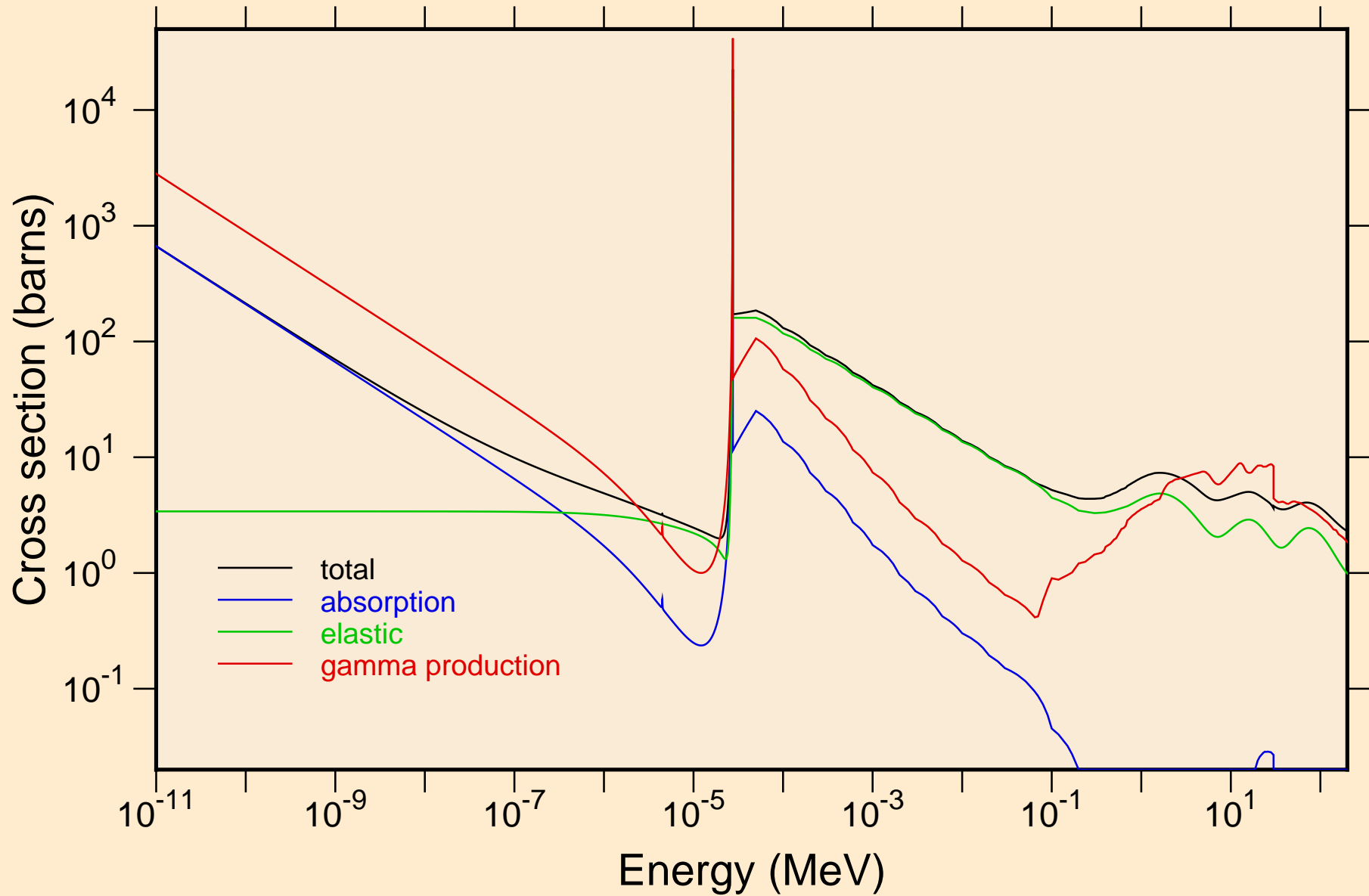


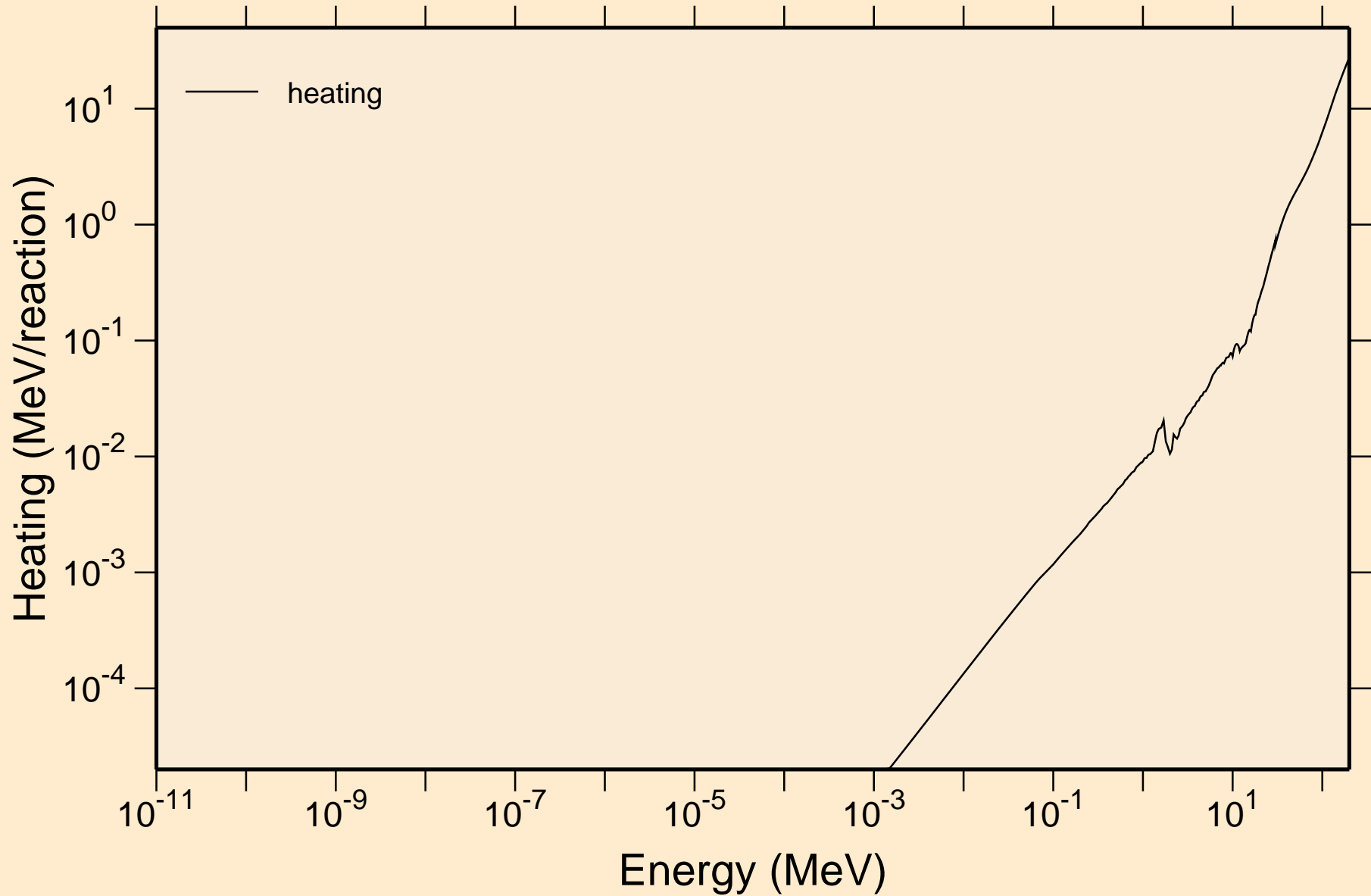
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

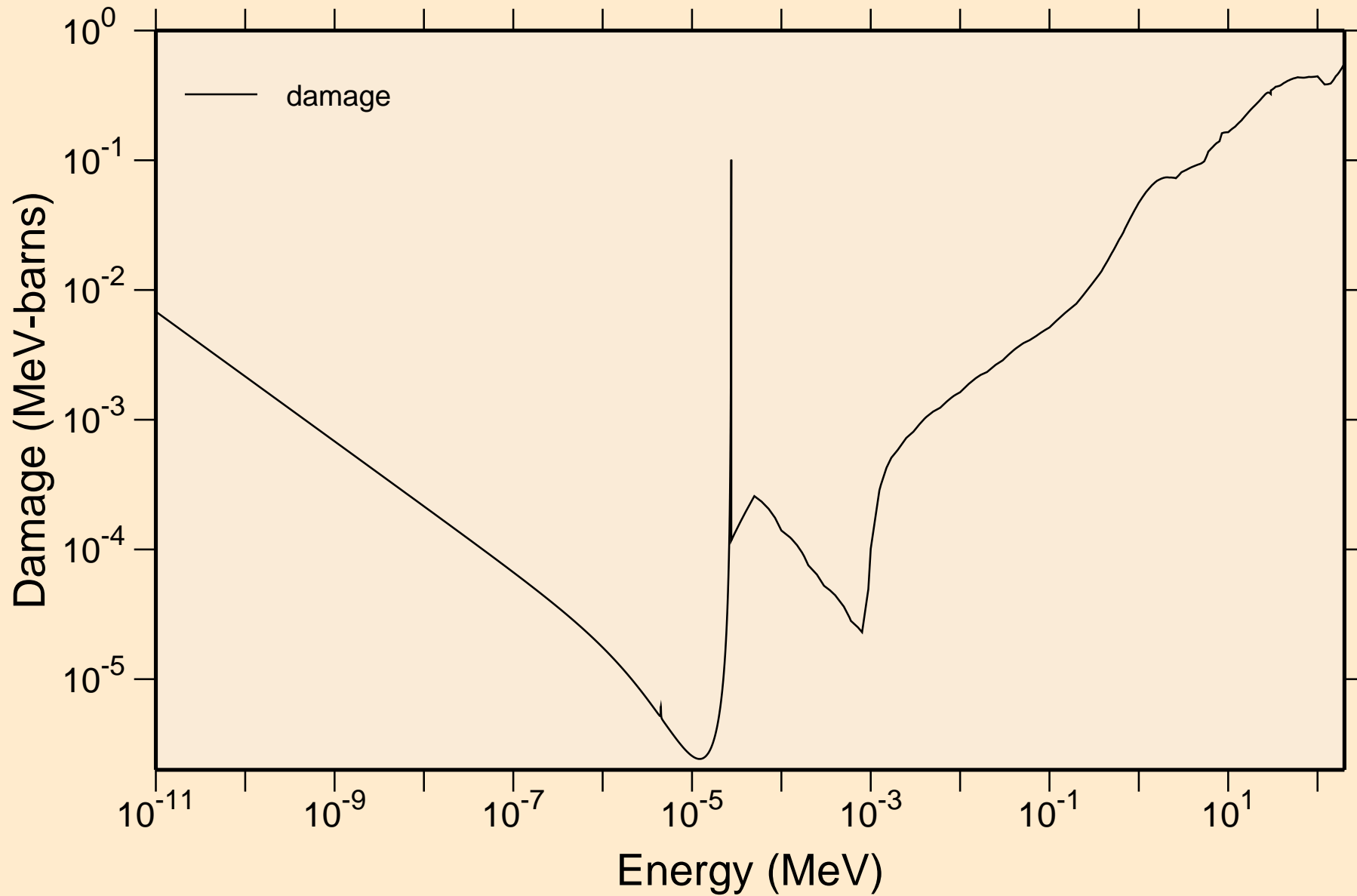


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

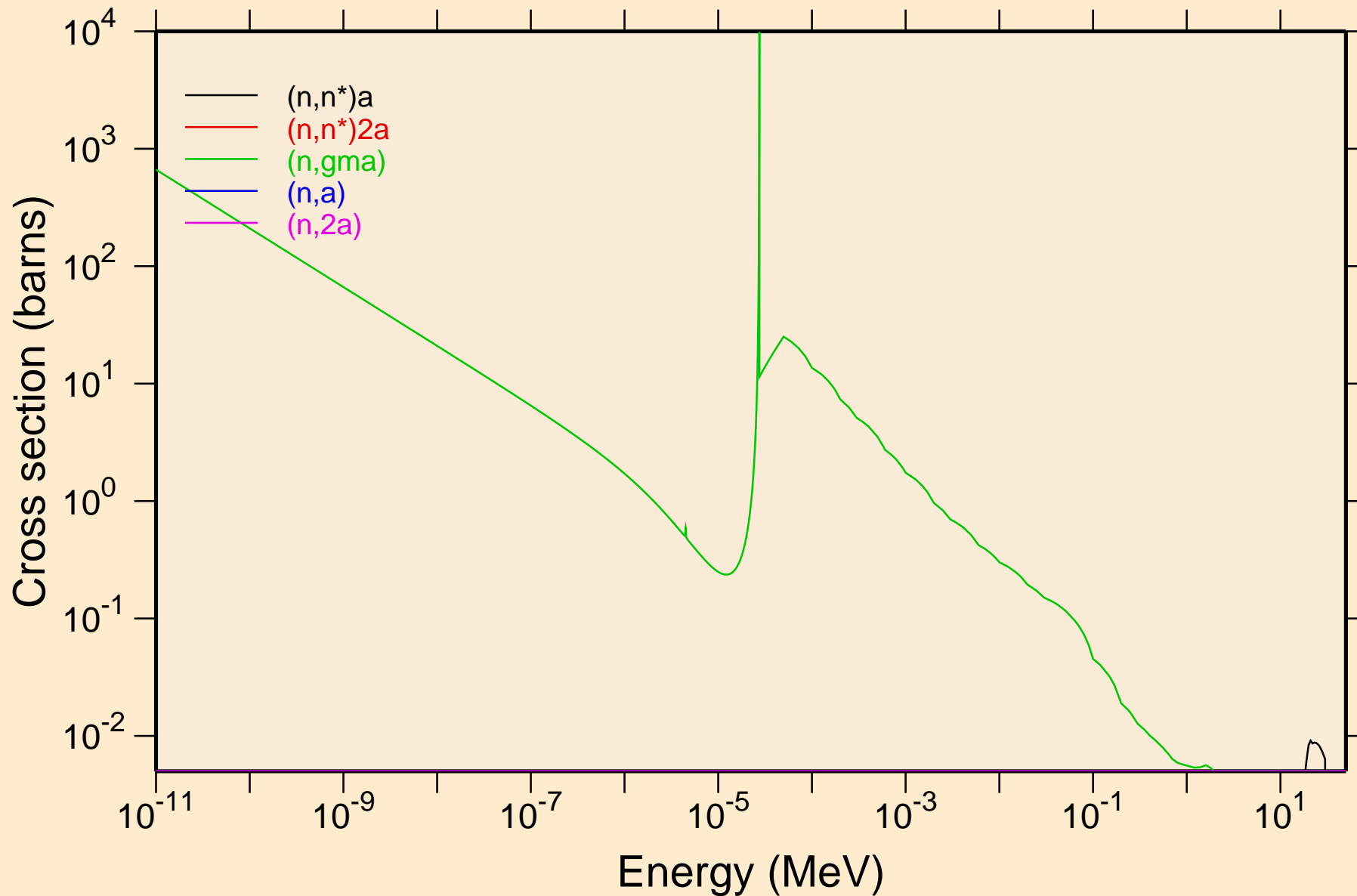
Heating



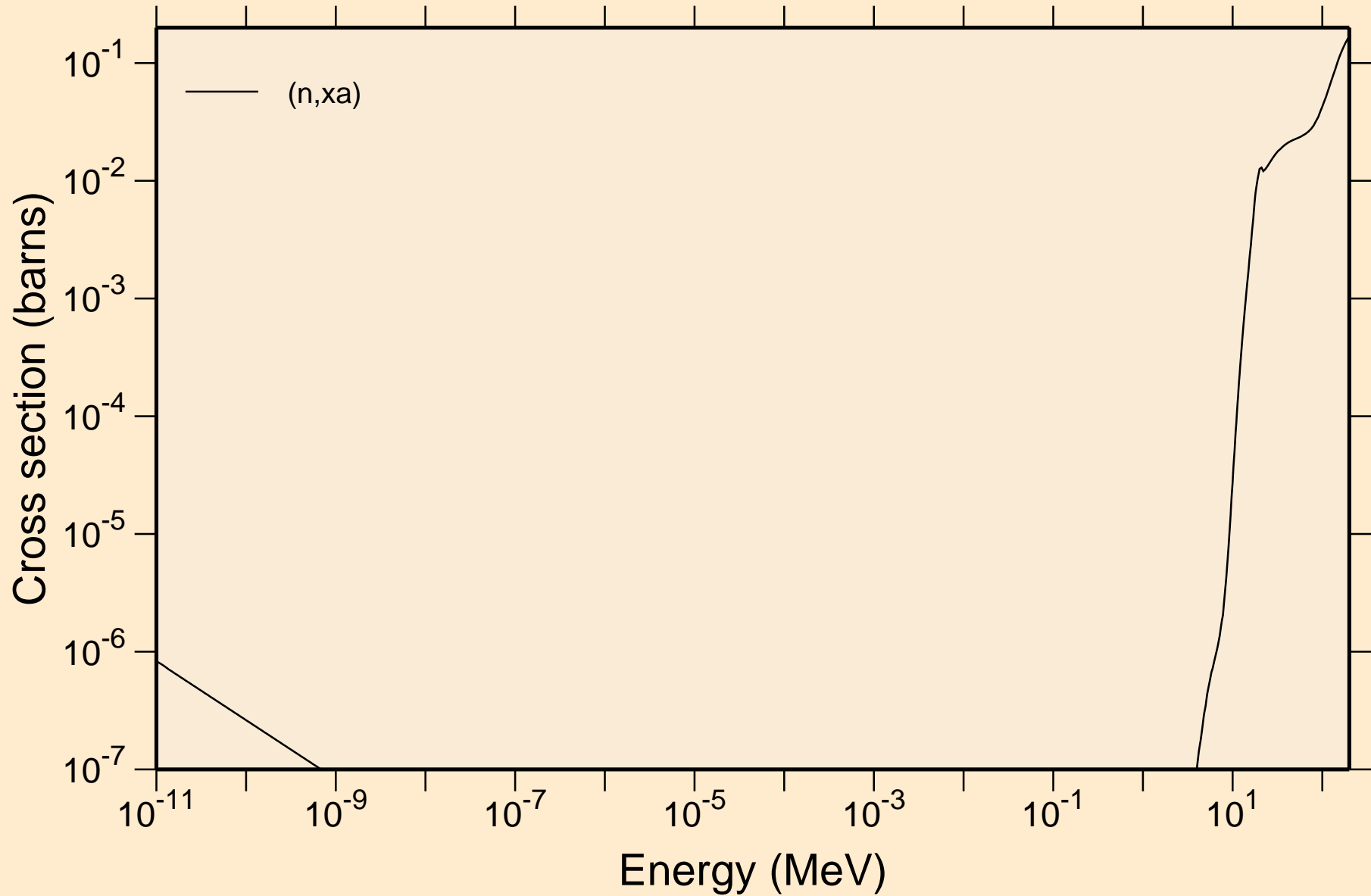
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



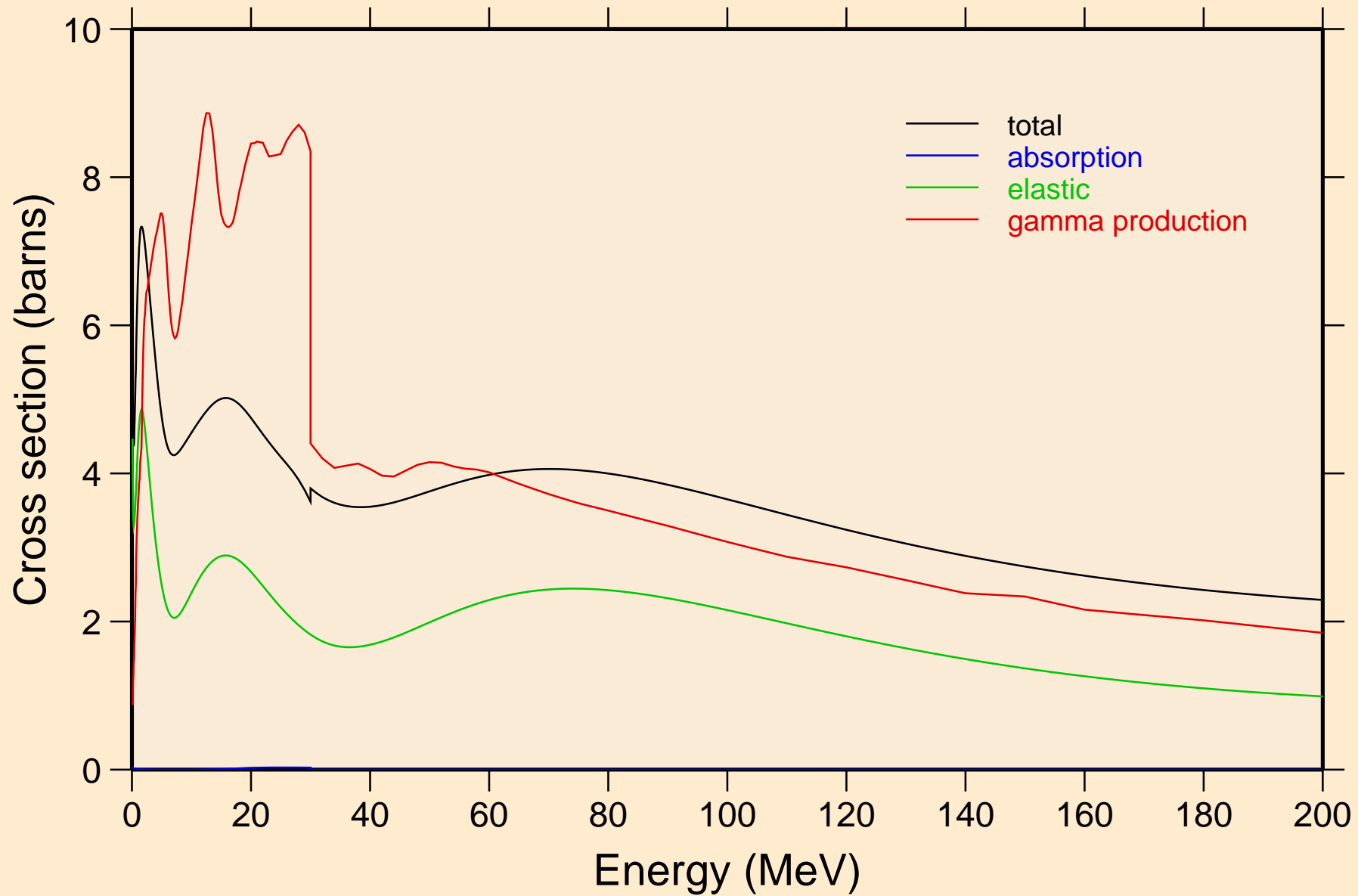
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

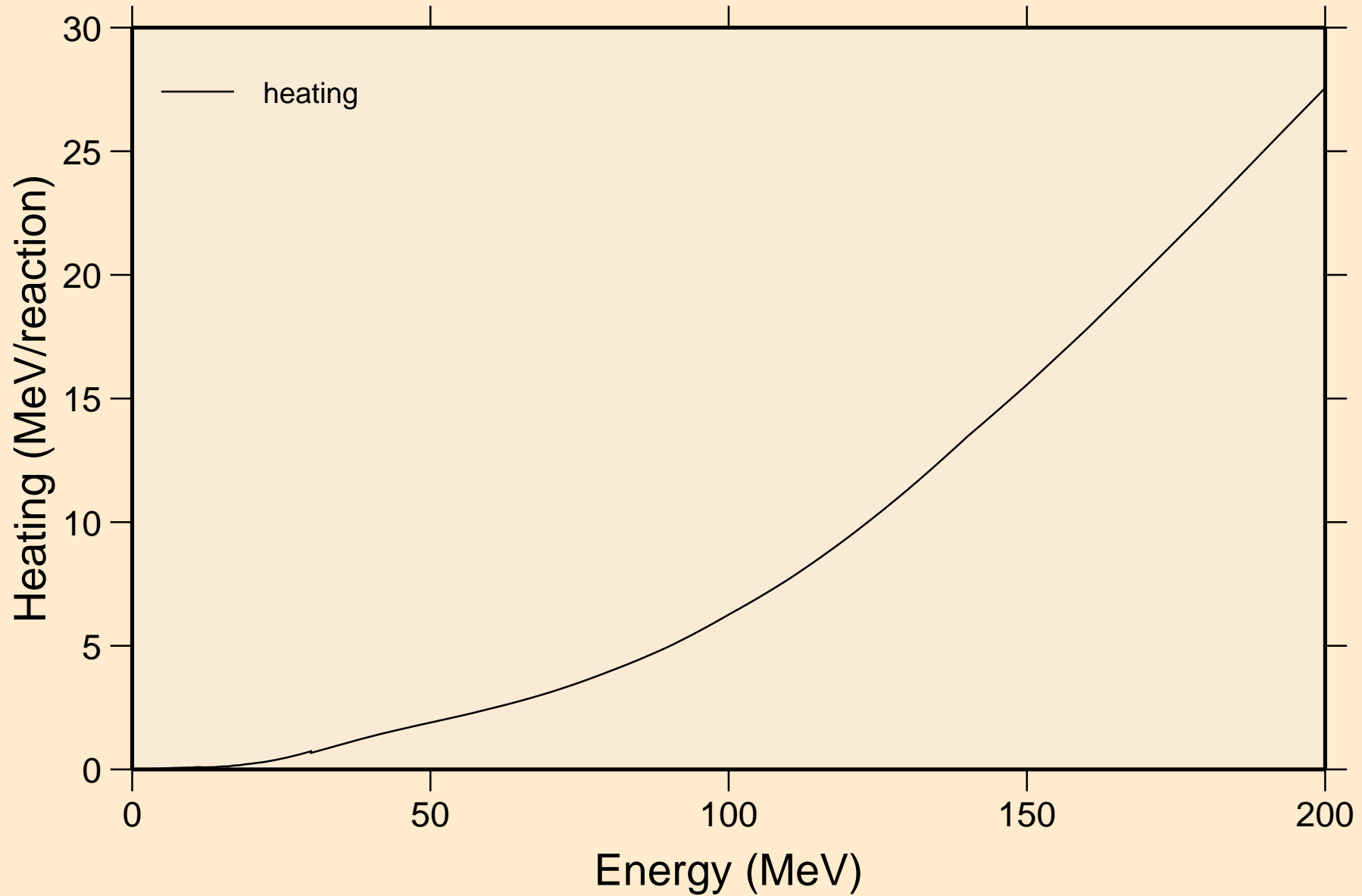


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



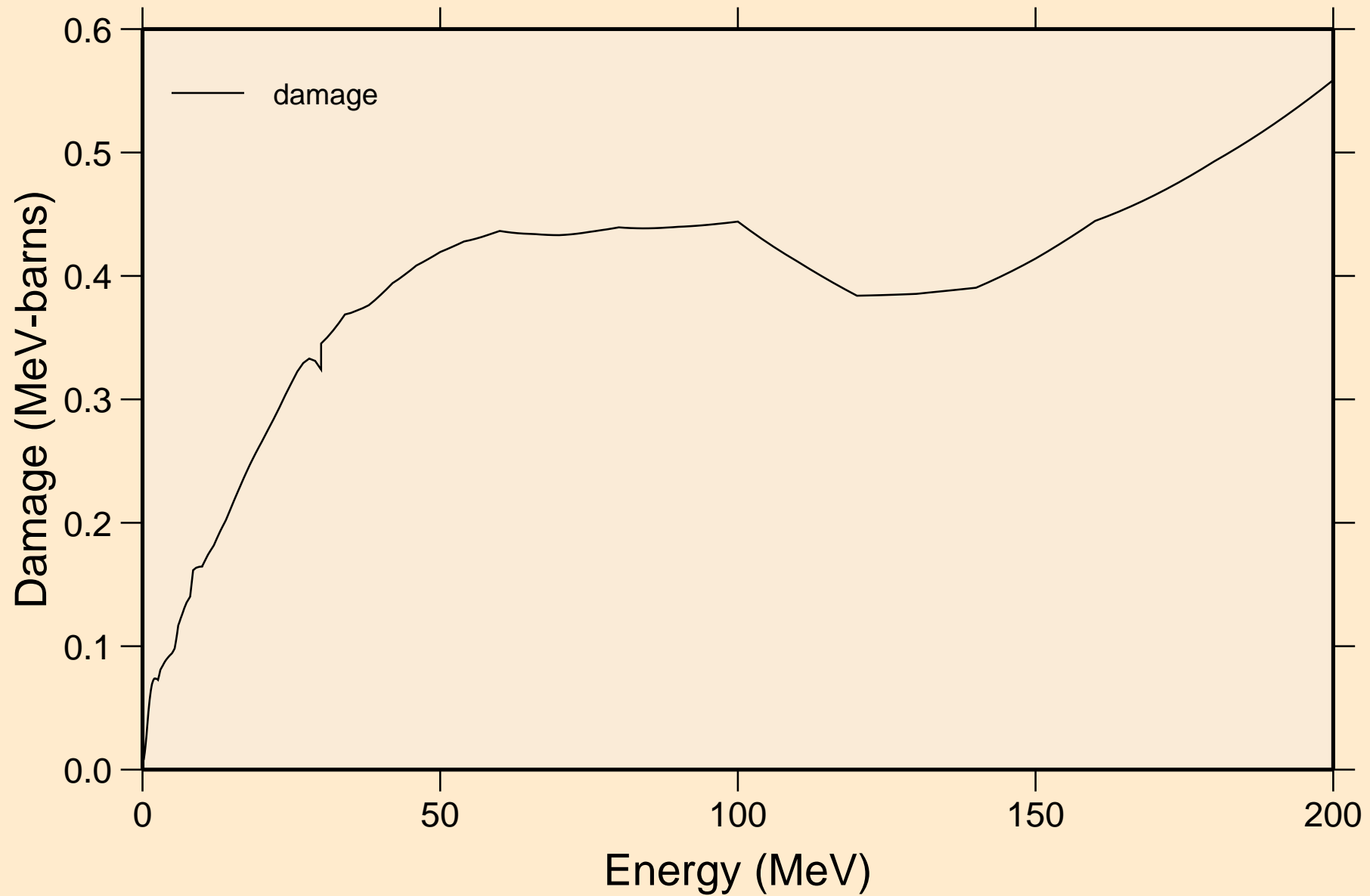
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Heating



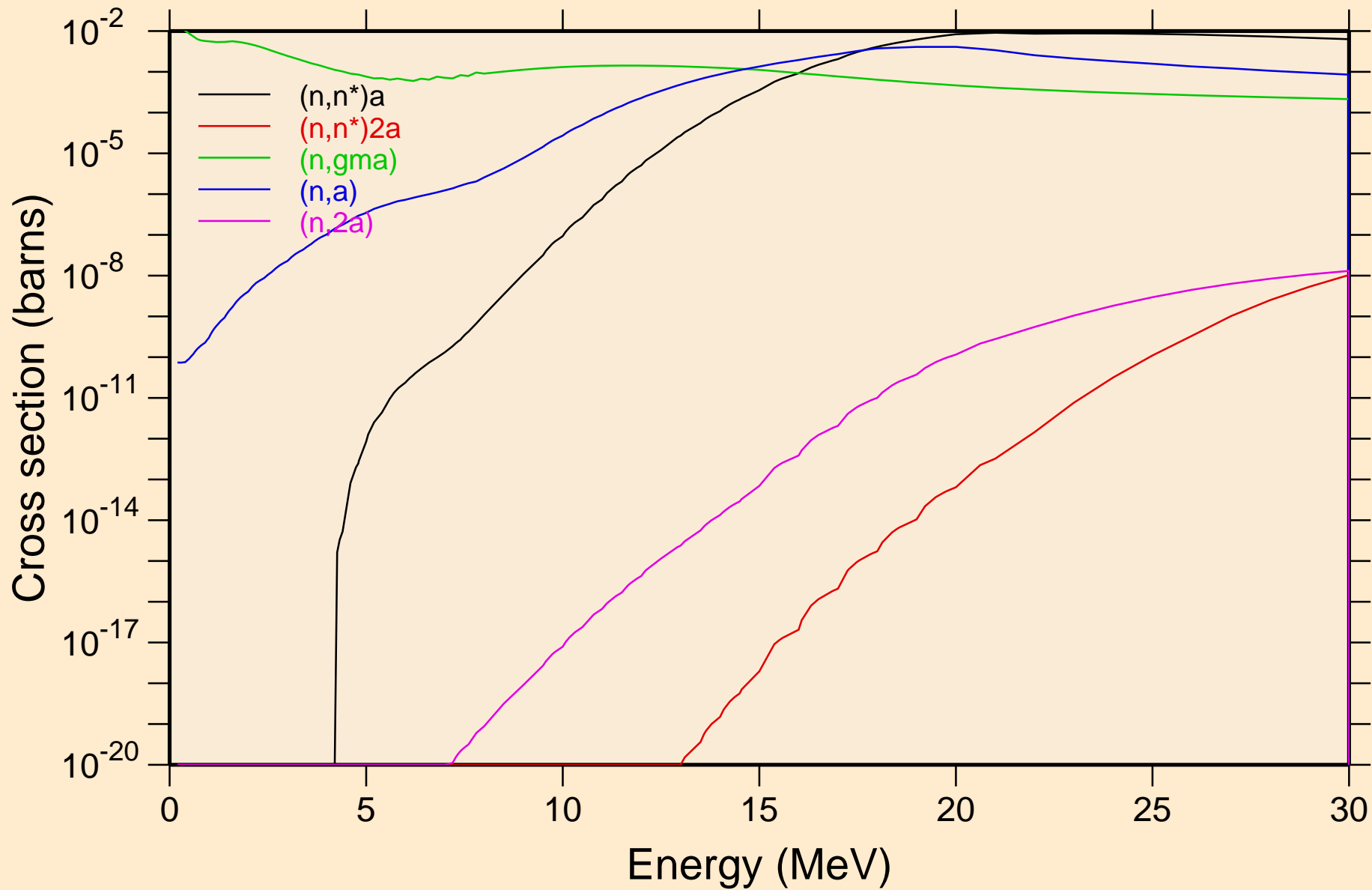
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

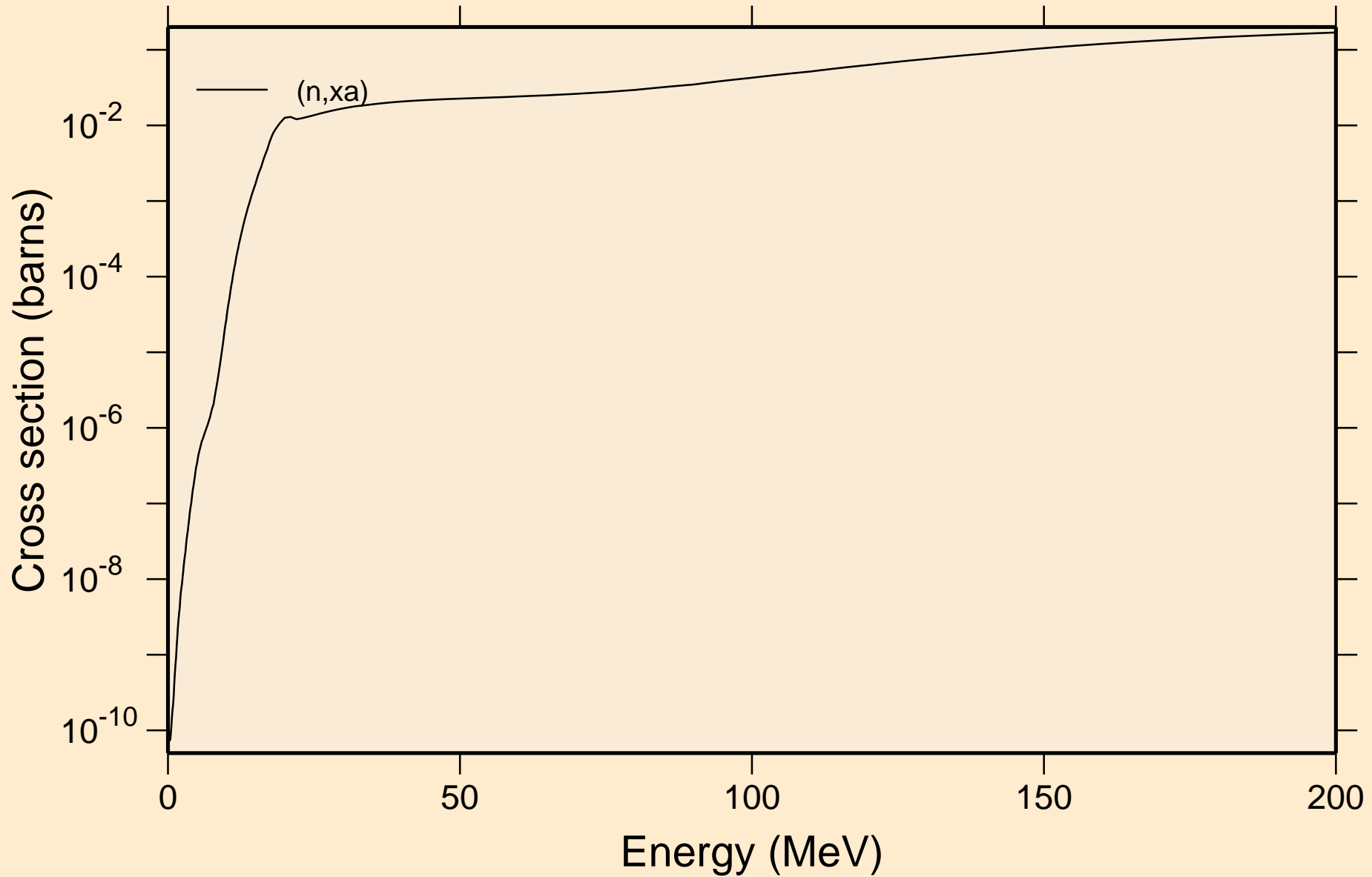


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

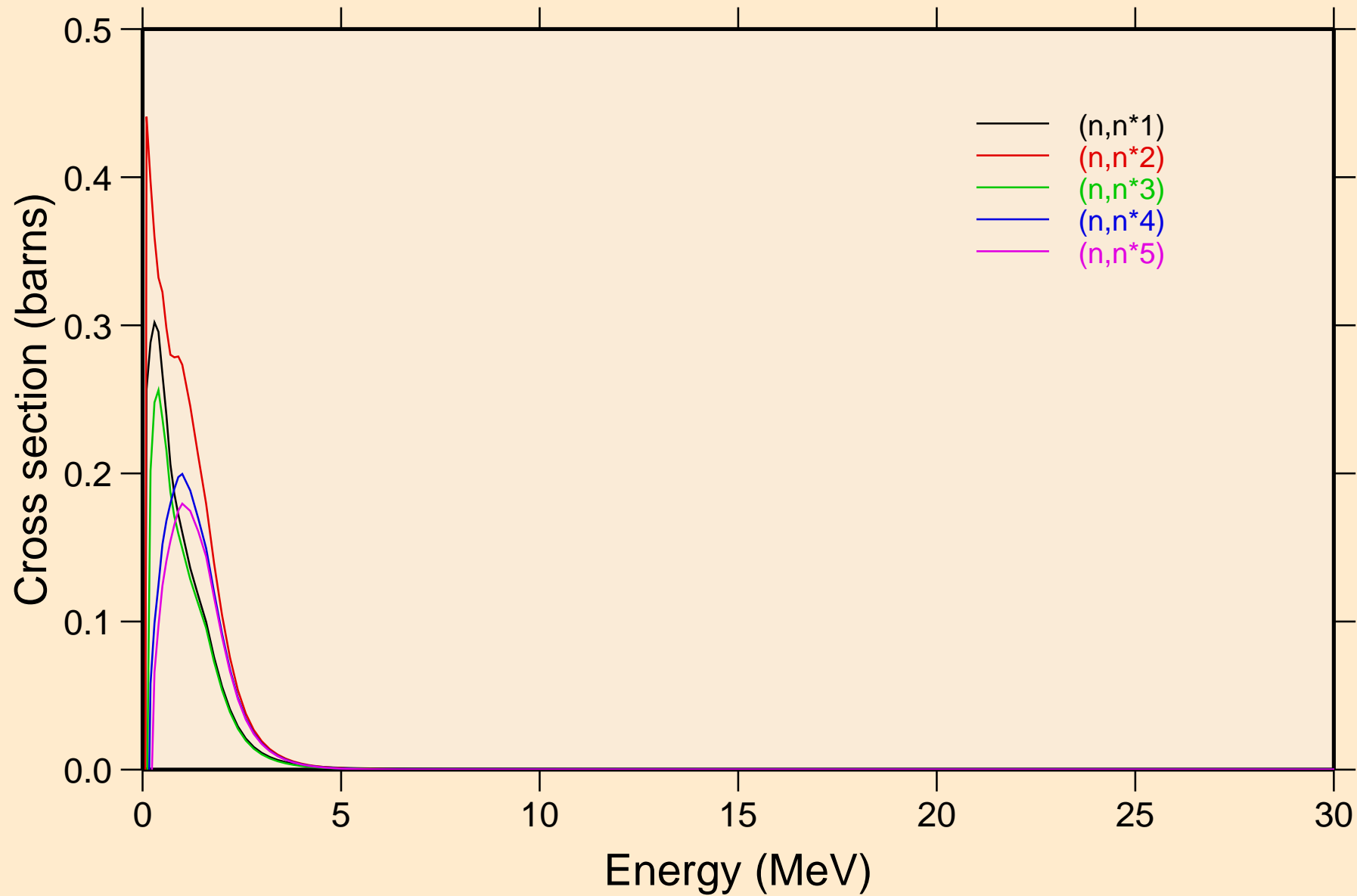
Non-threshold reactions



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

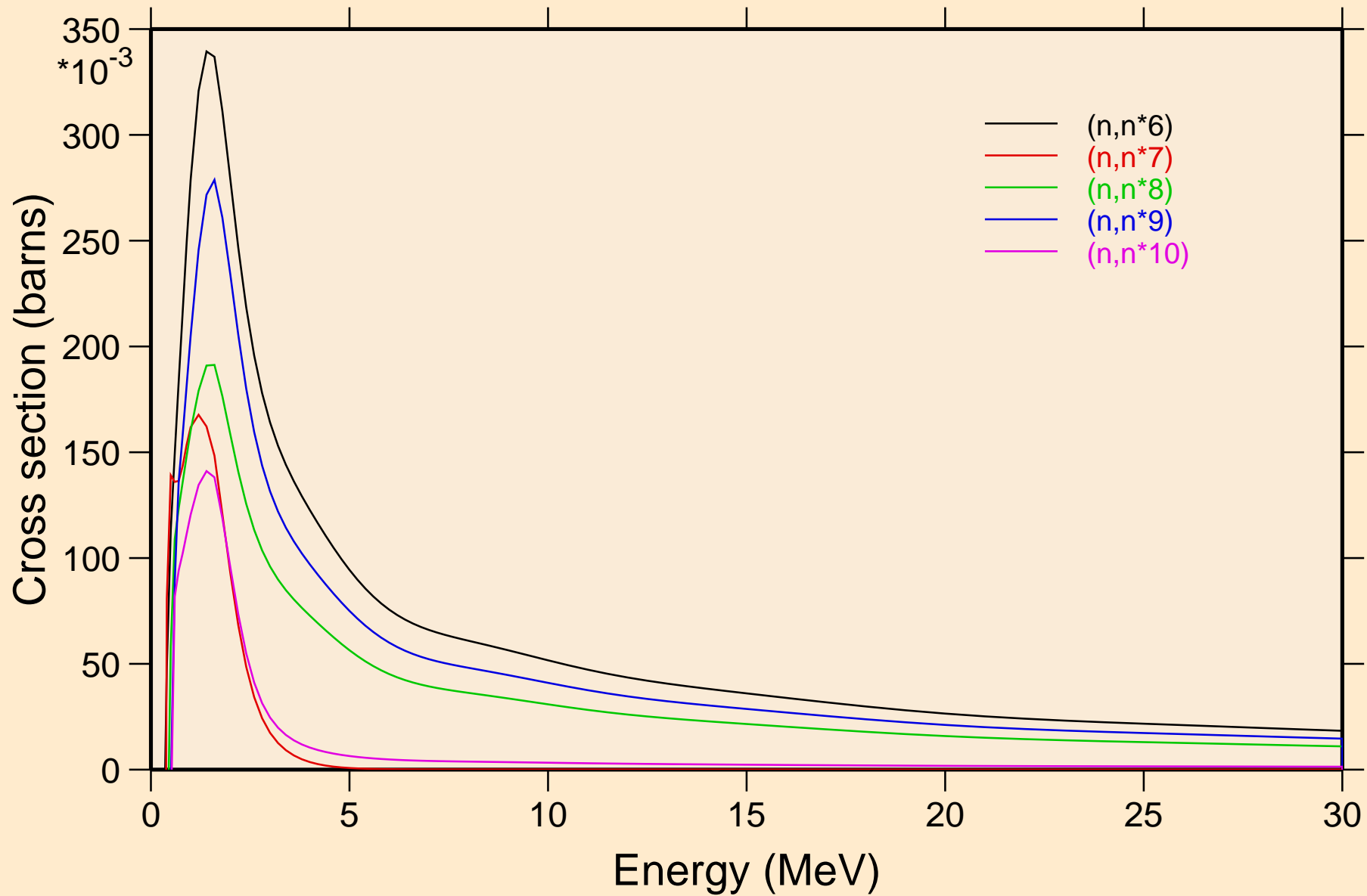


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



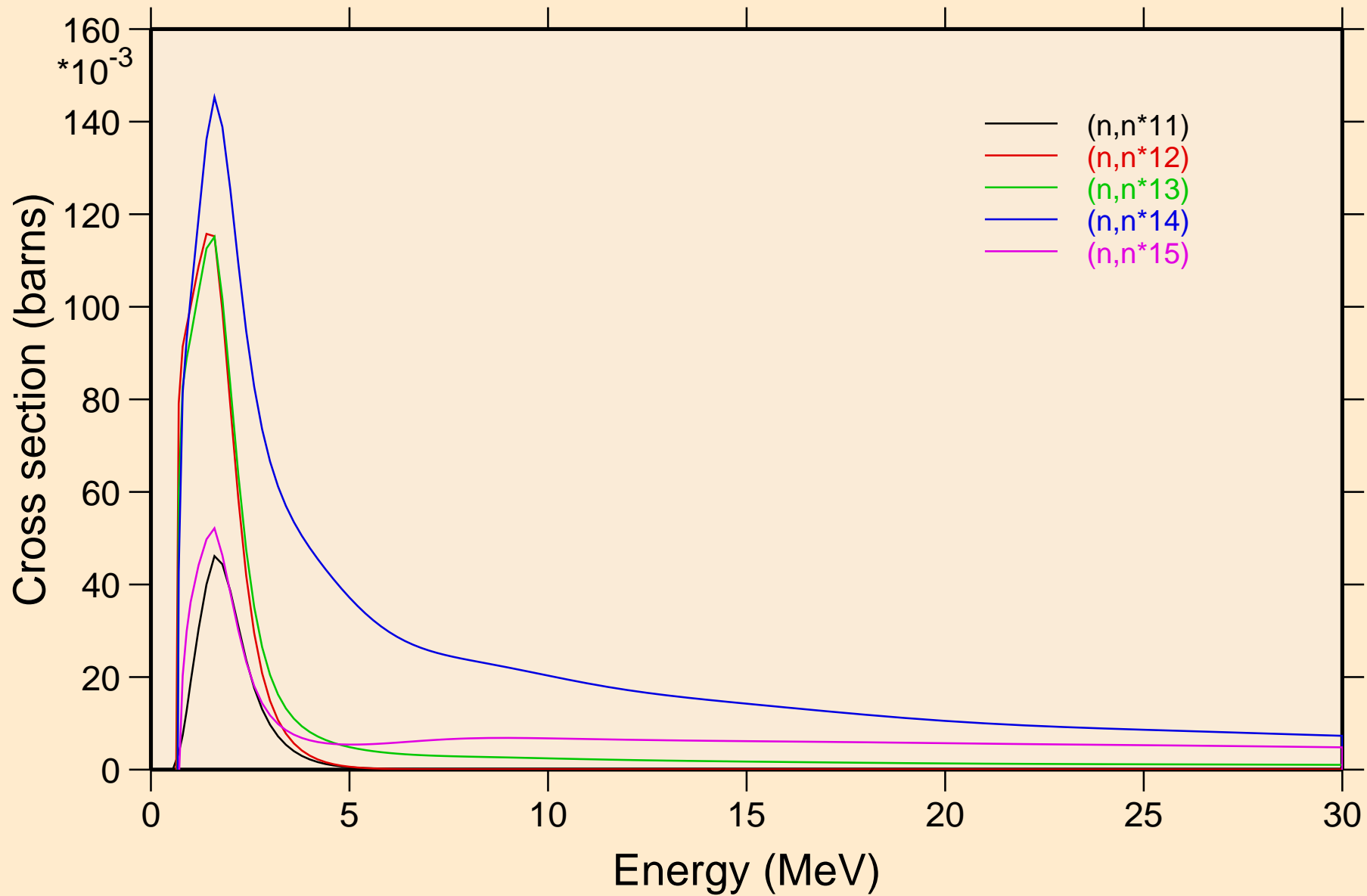
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

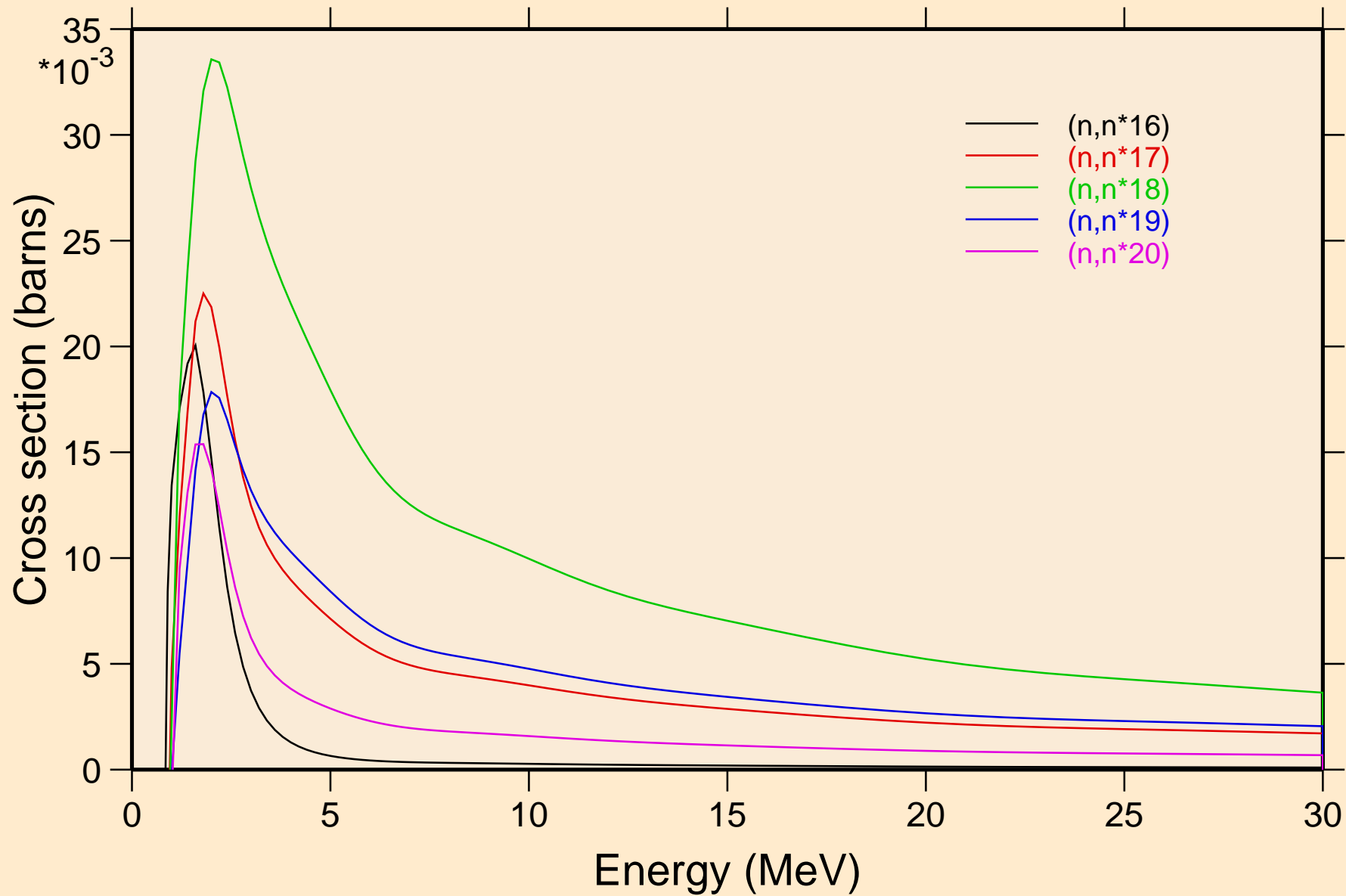


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

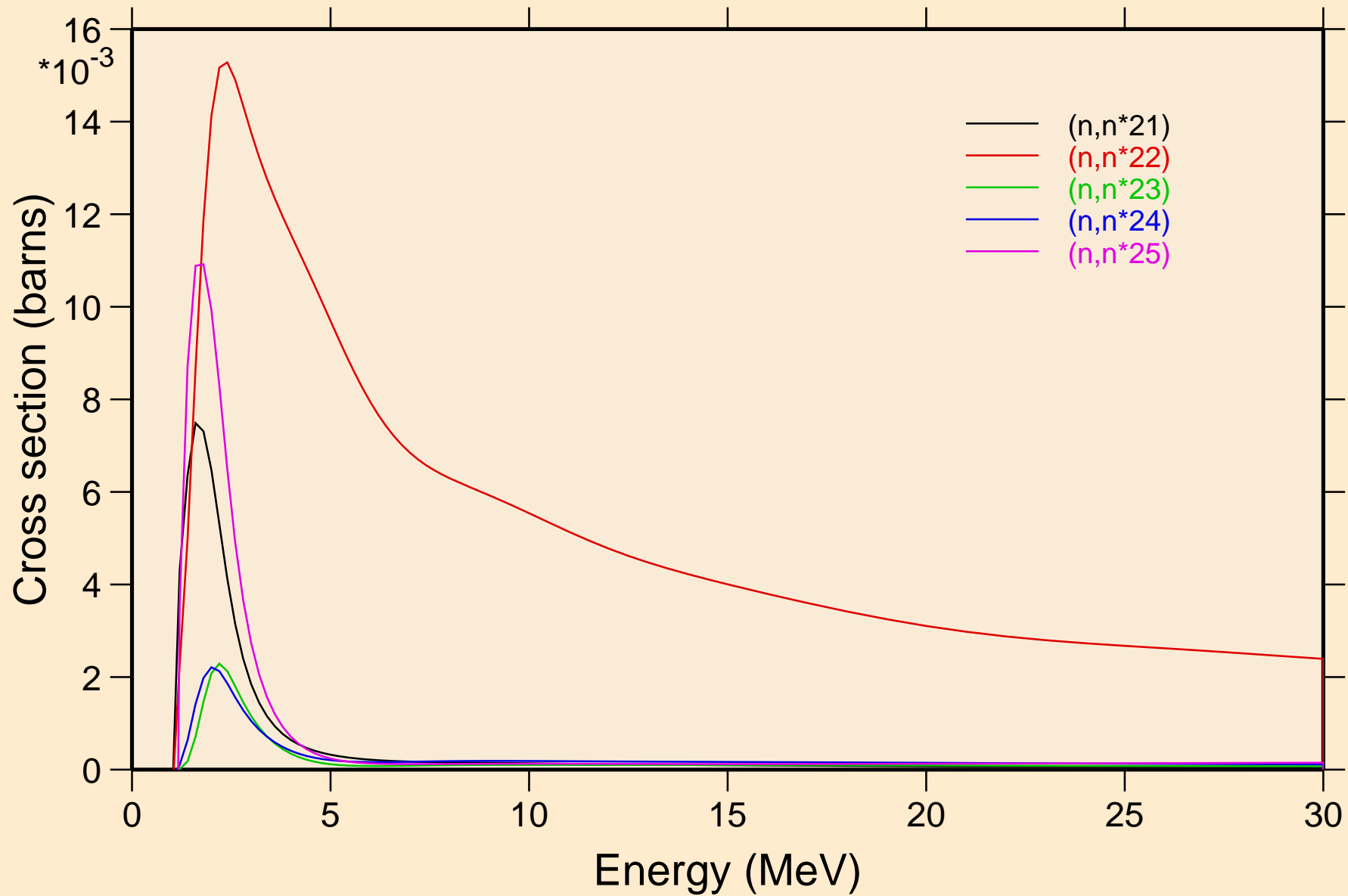
Inelastic levels



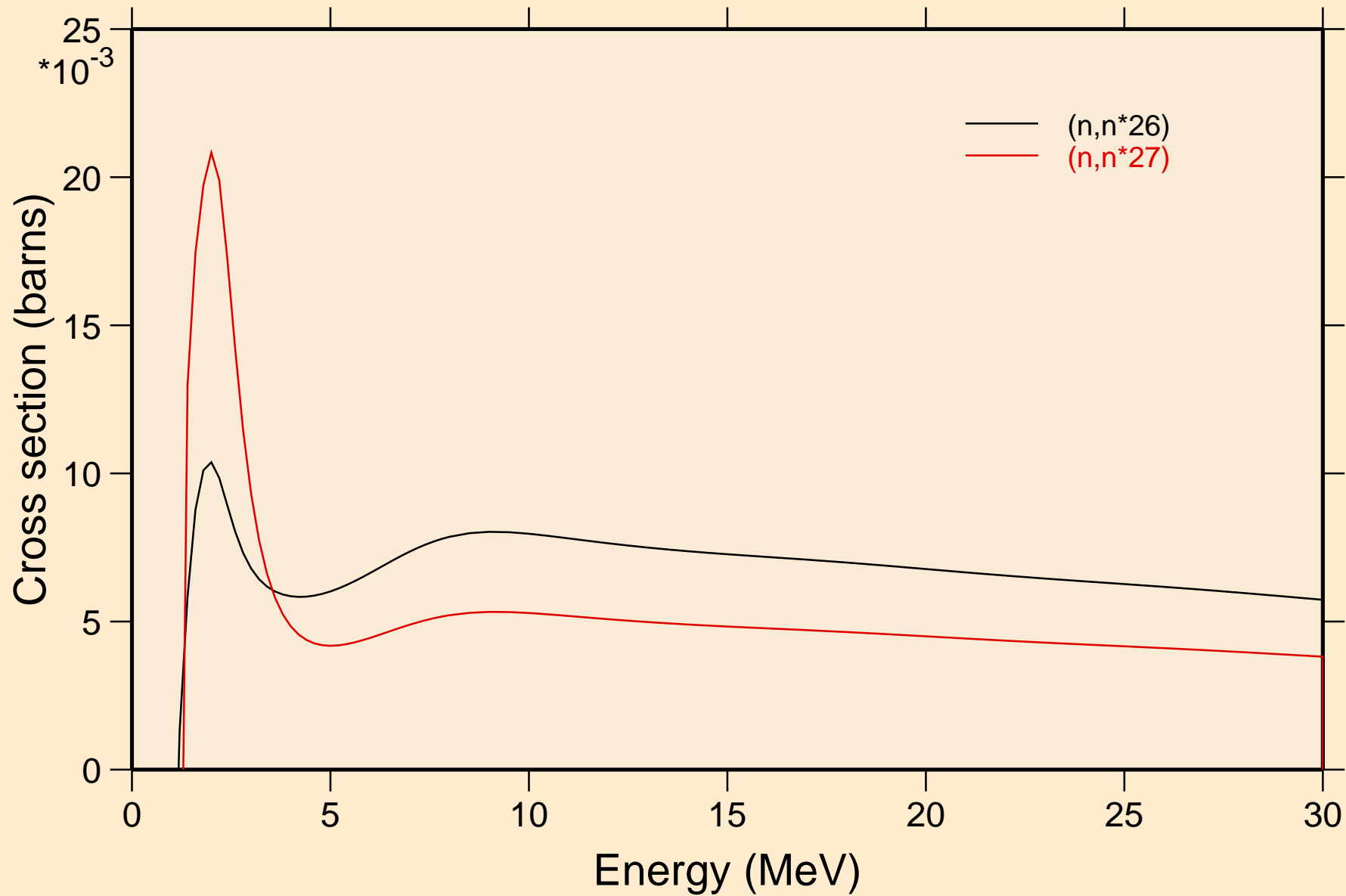
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

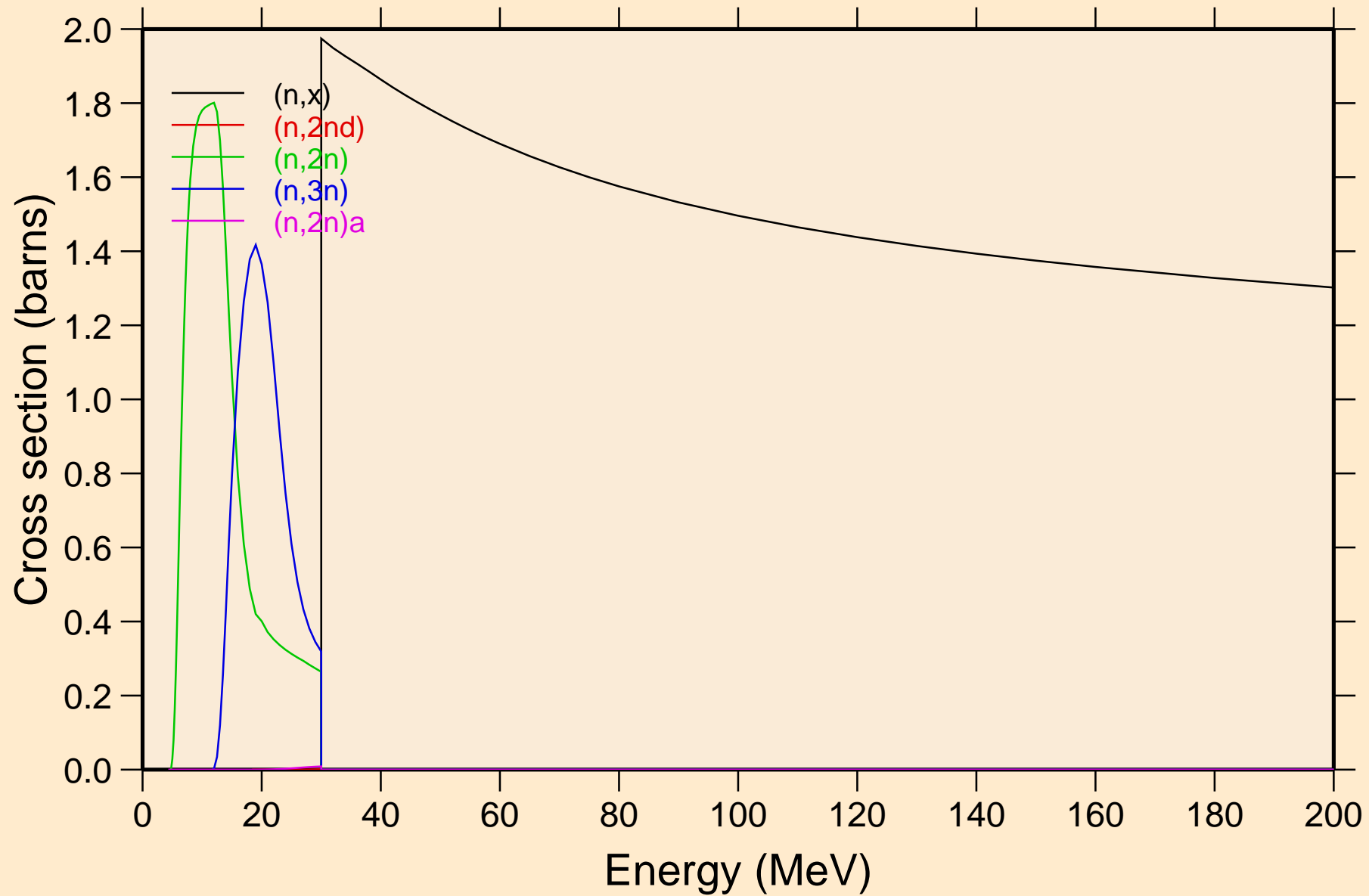


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



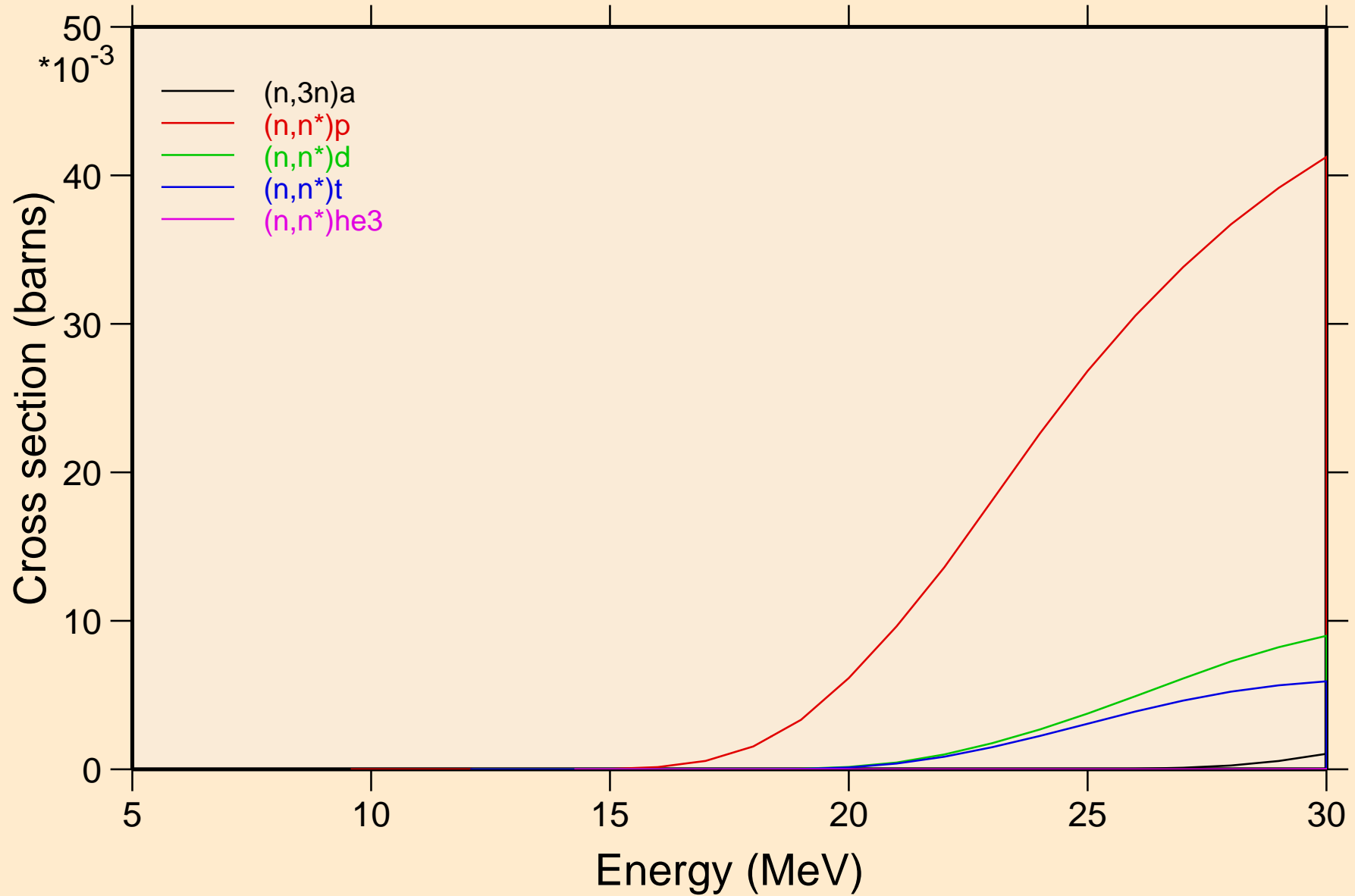
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

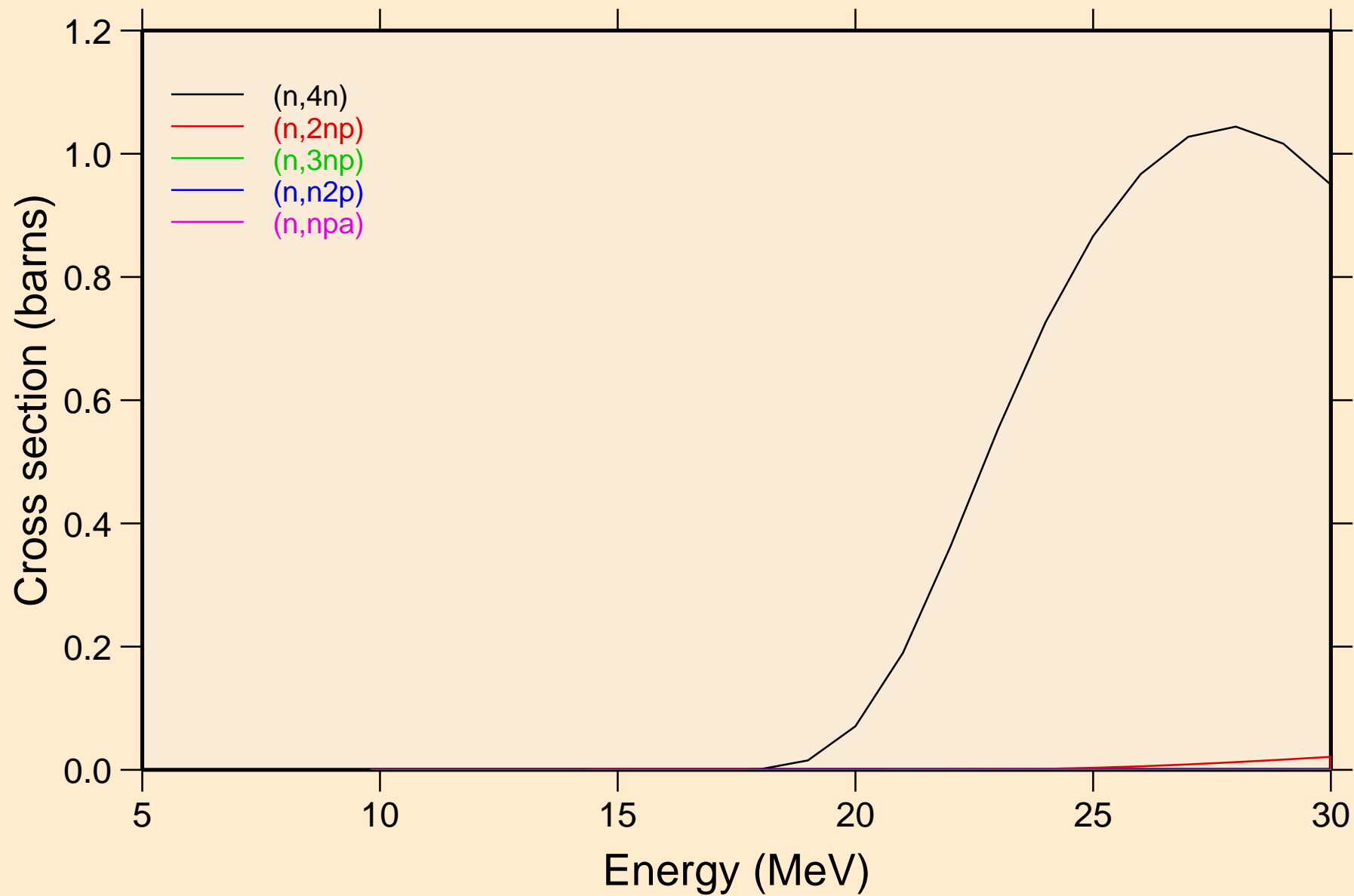


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

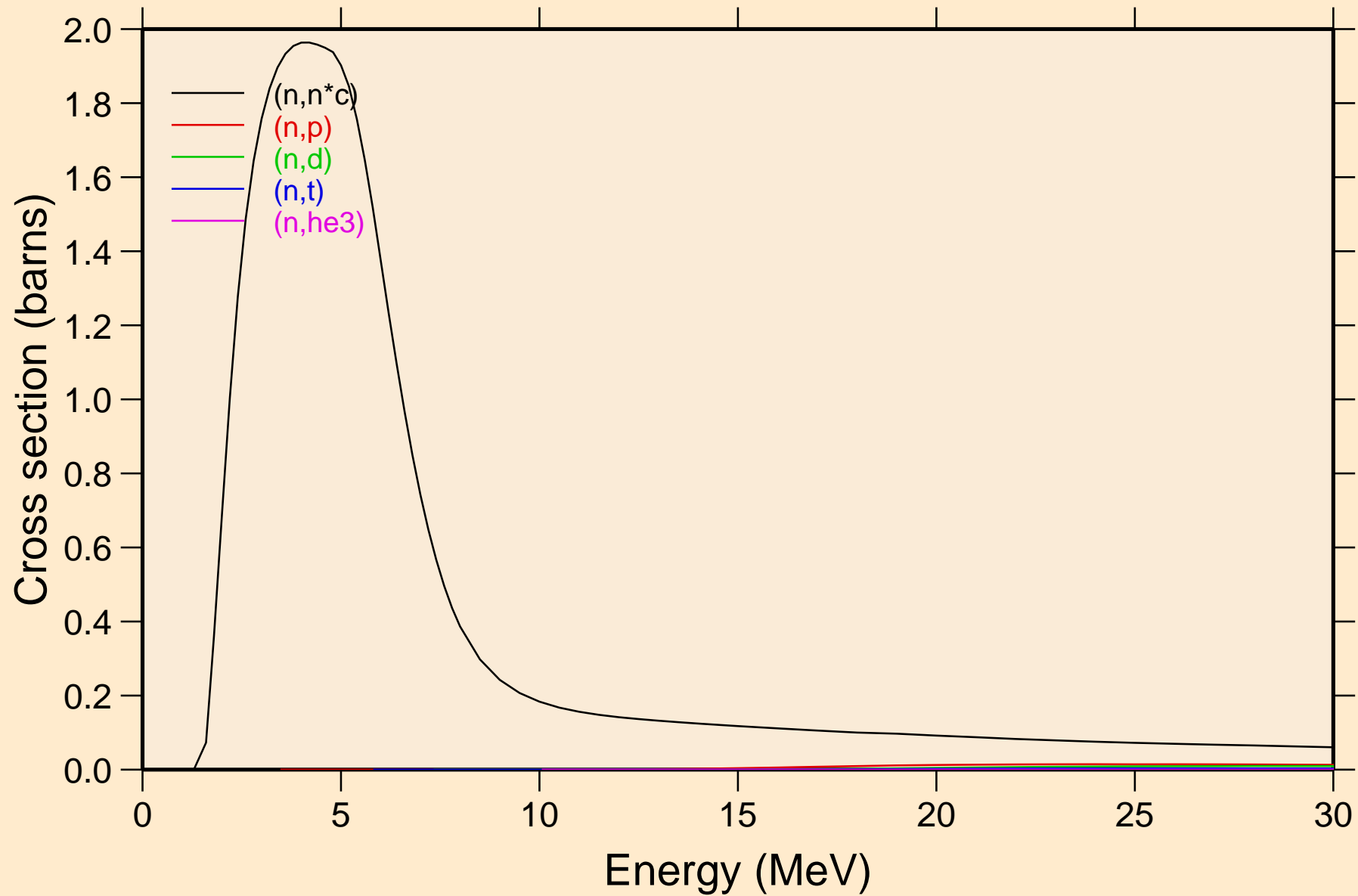
Threshold reactions



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

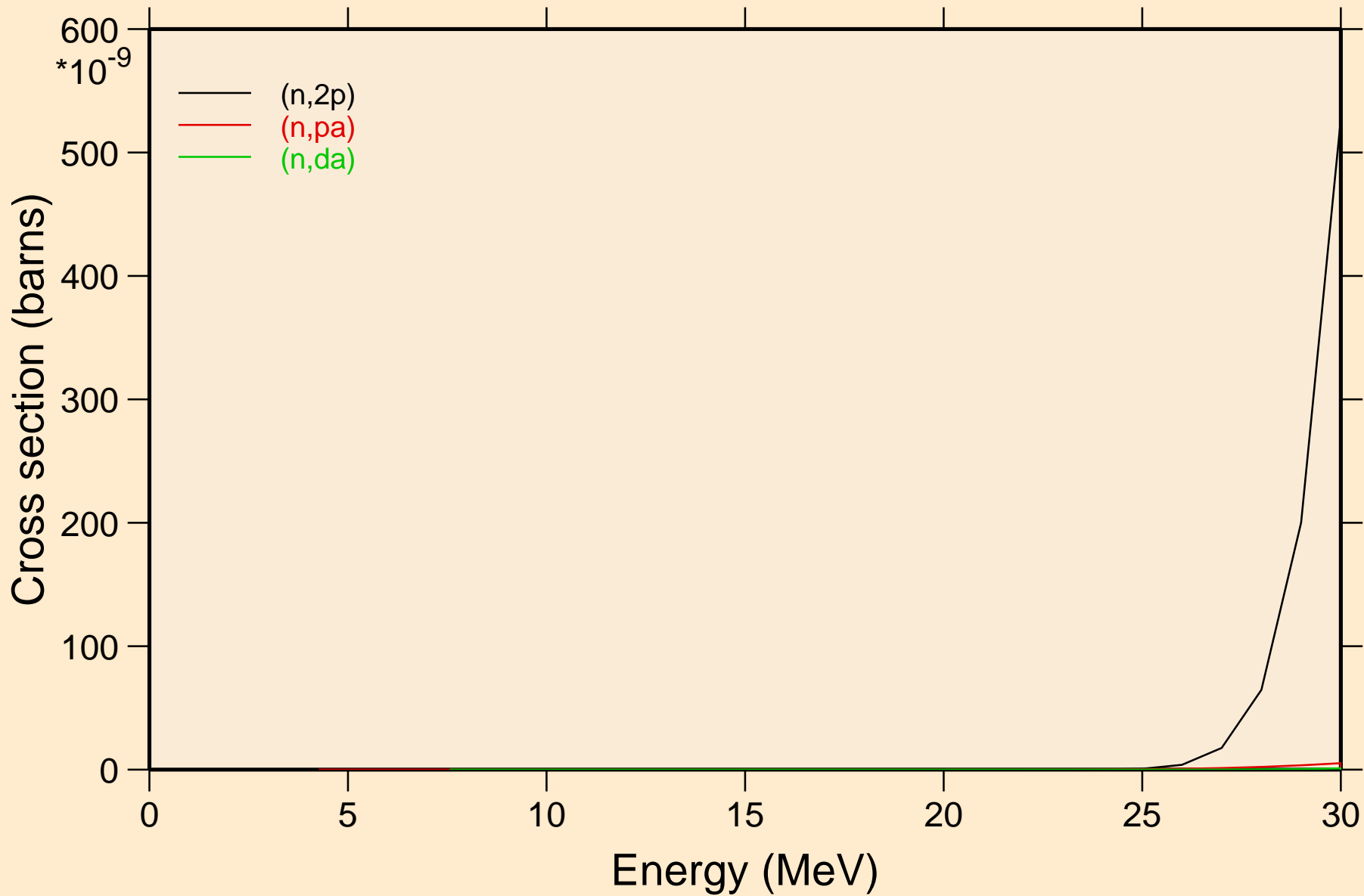


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



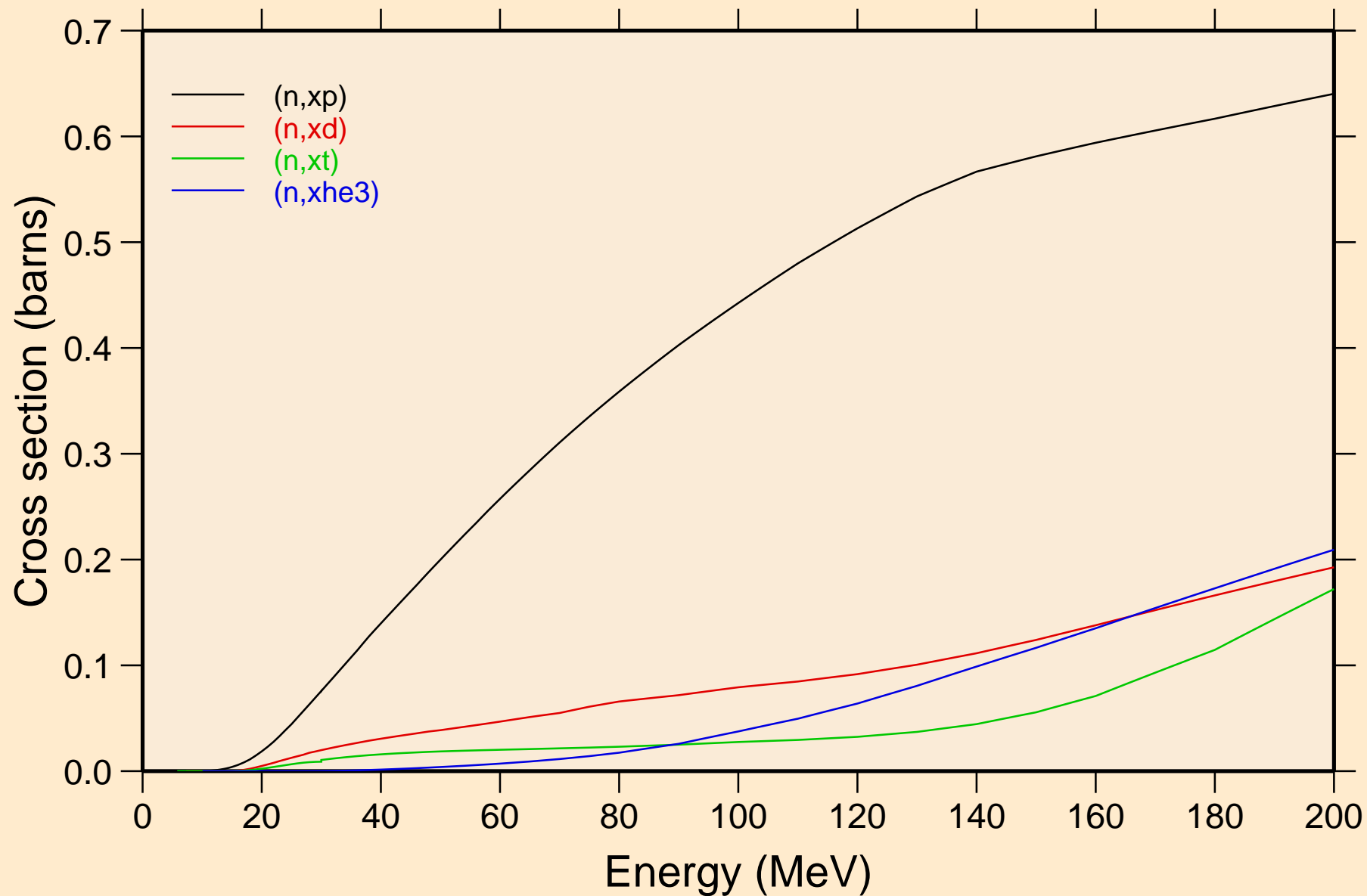
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

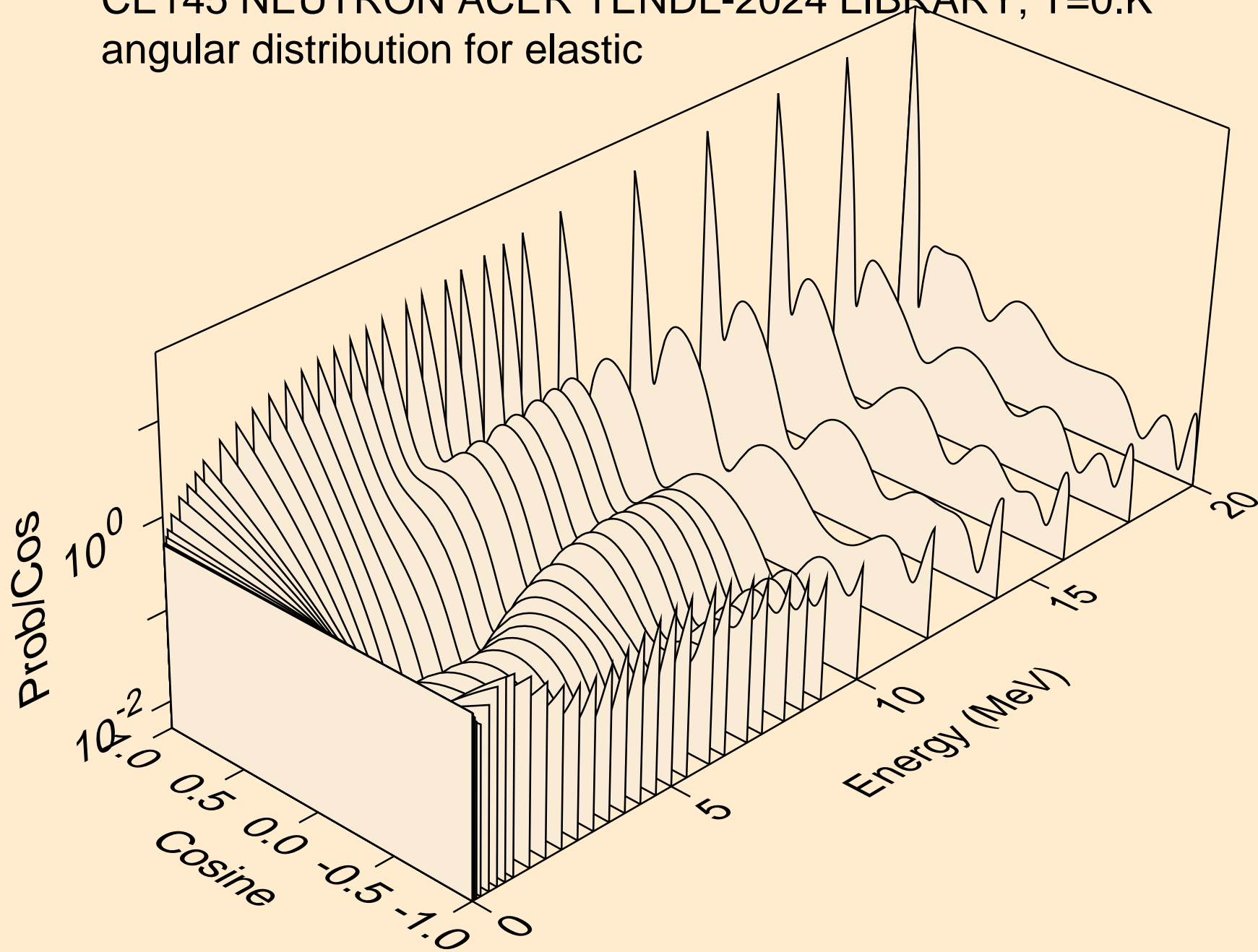


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

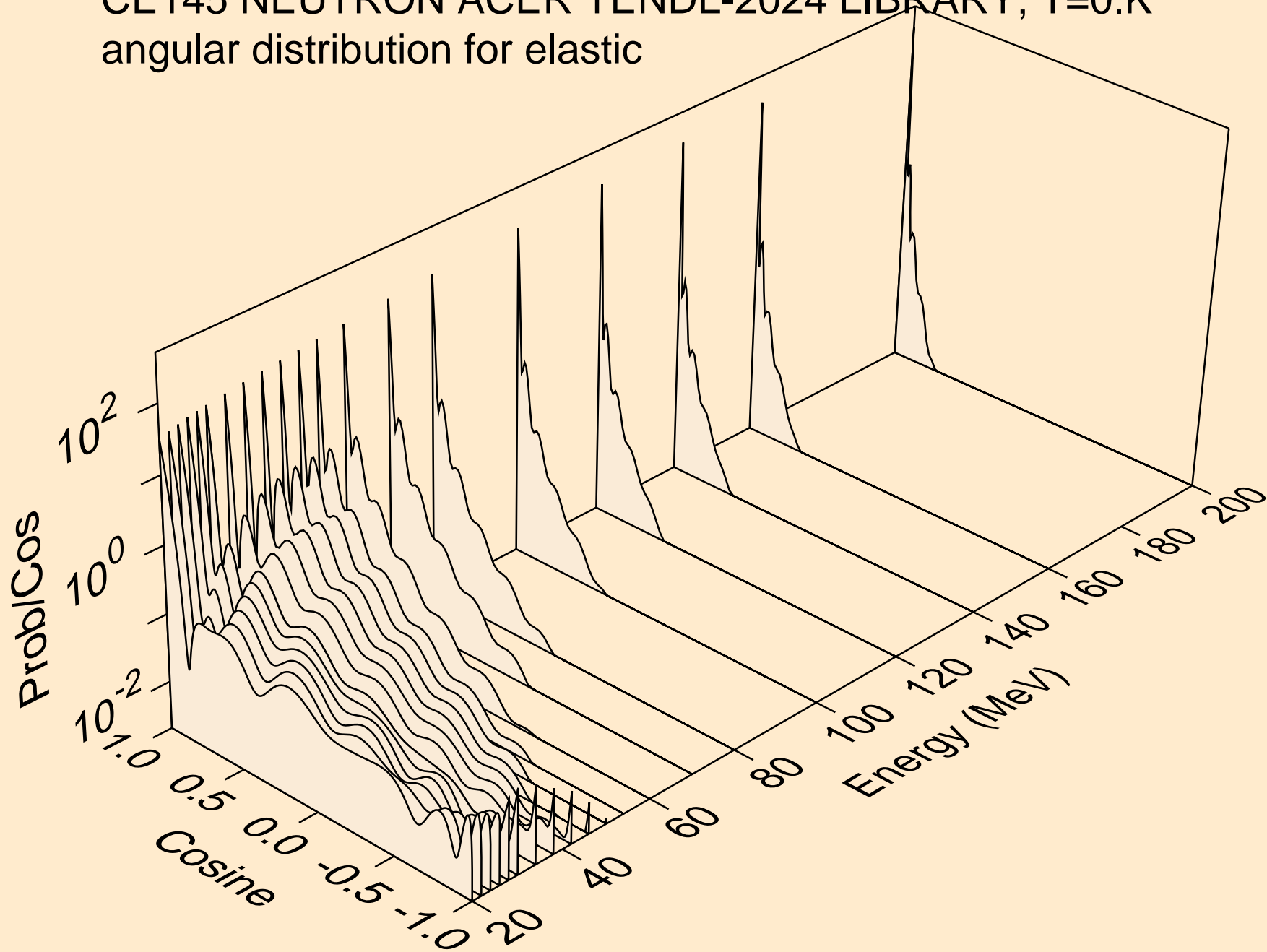
Threshold reactions



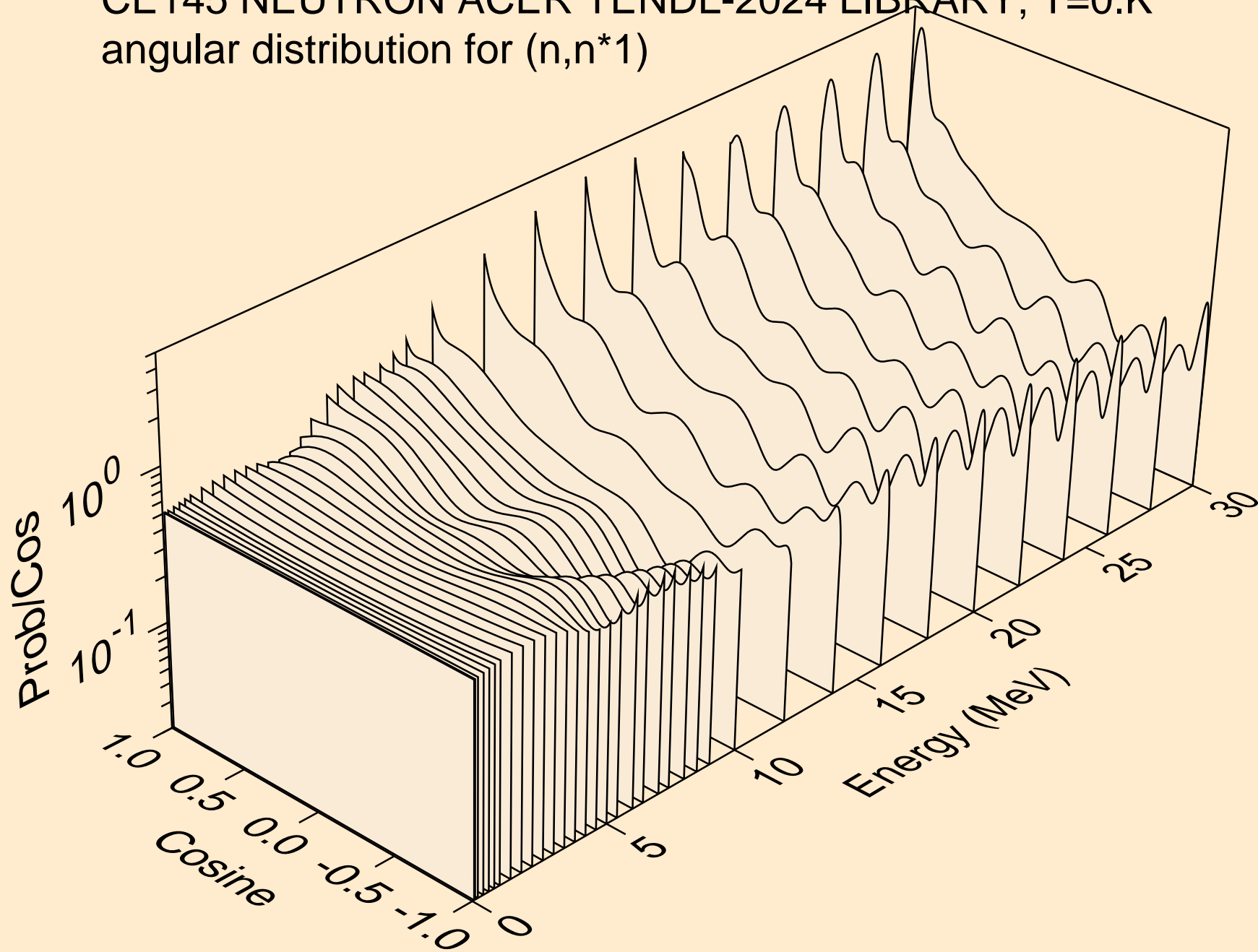
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



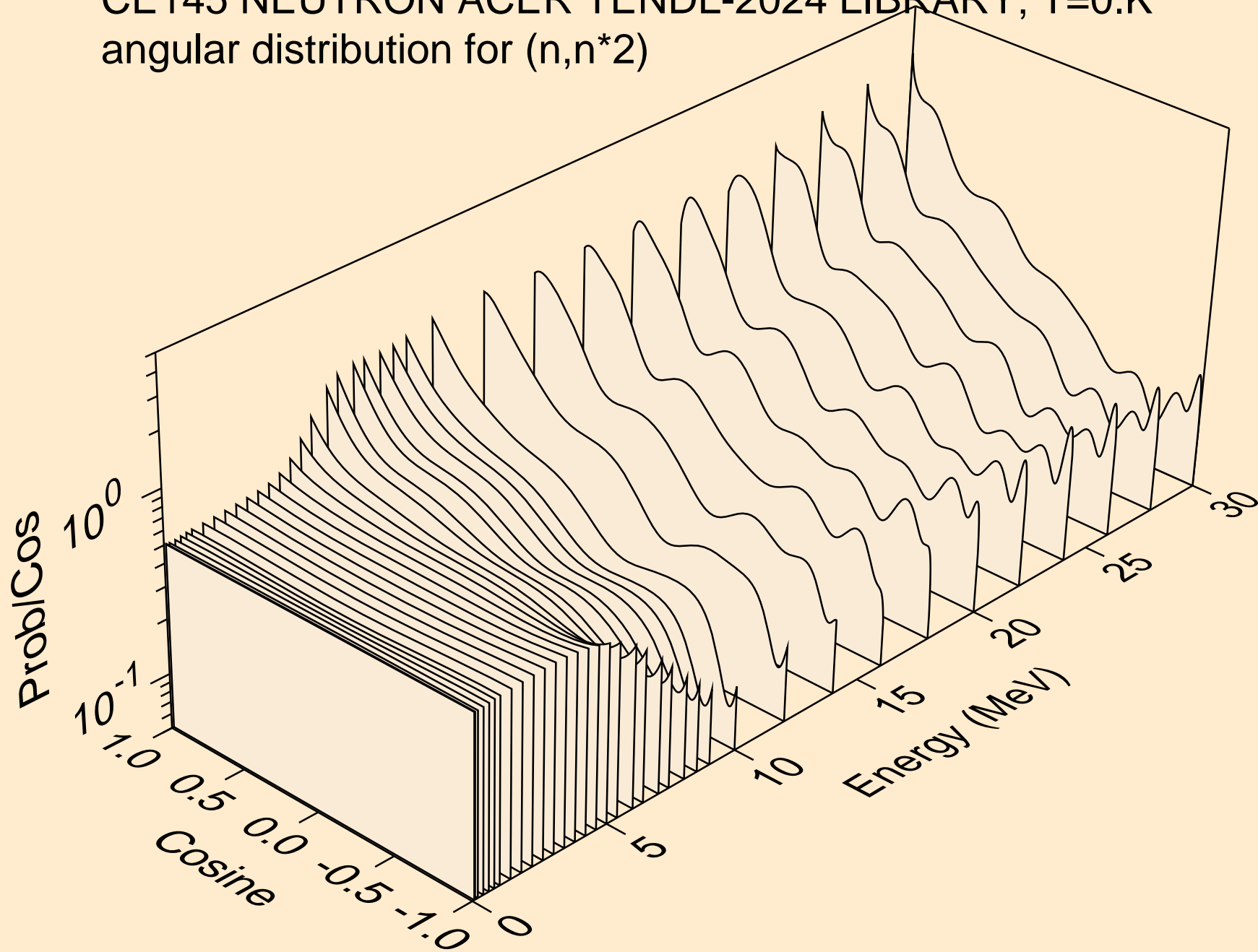
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



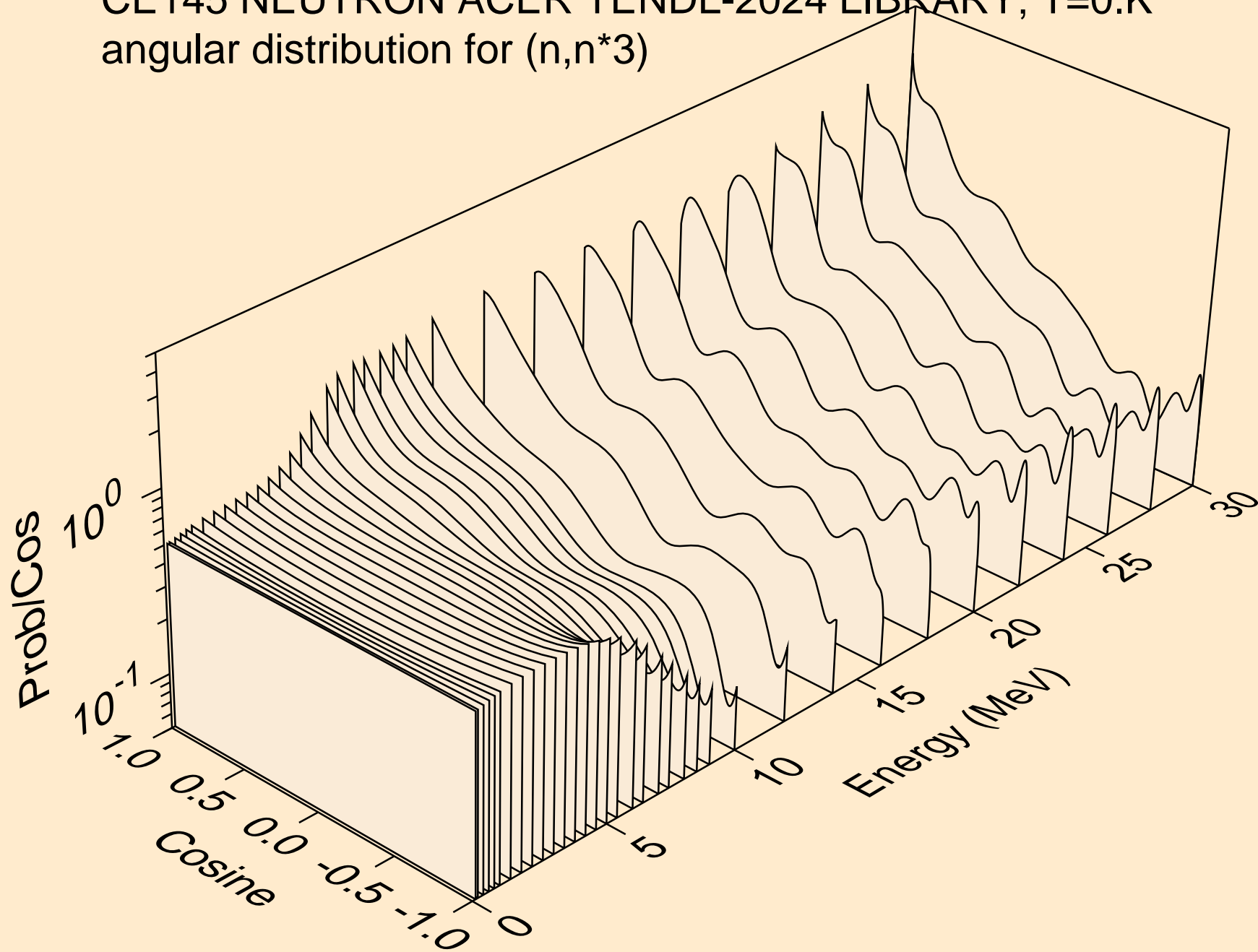
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



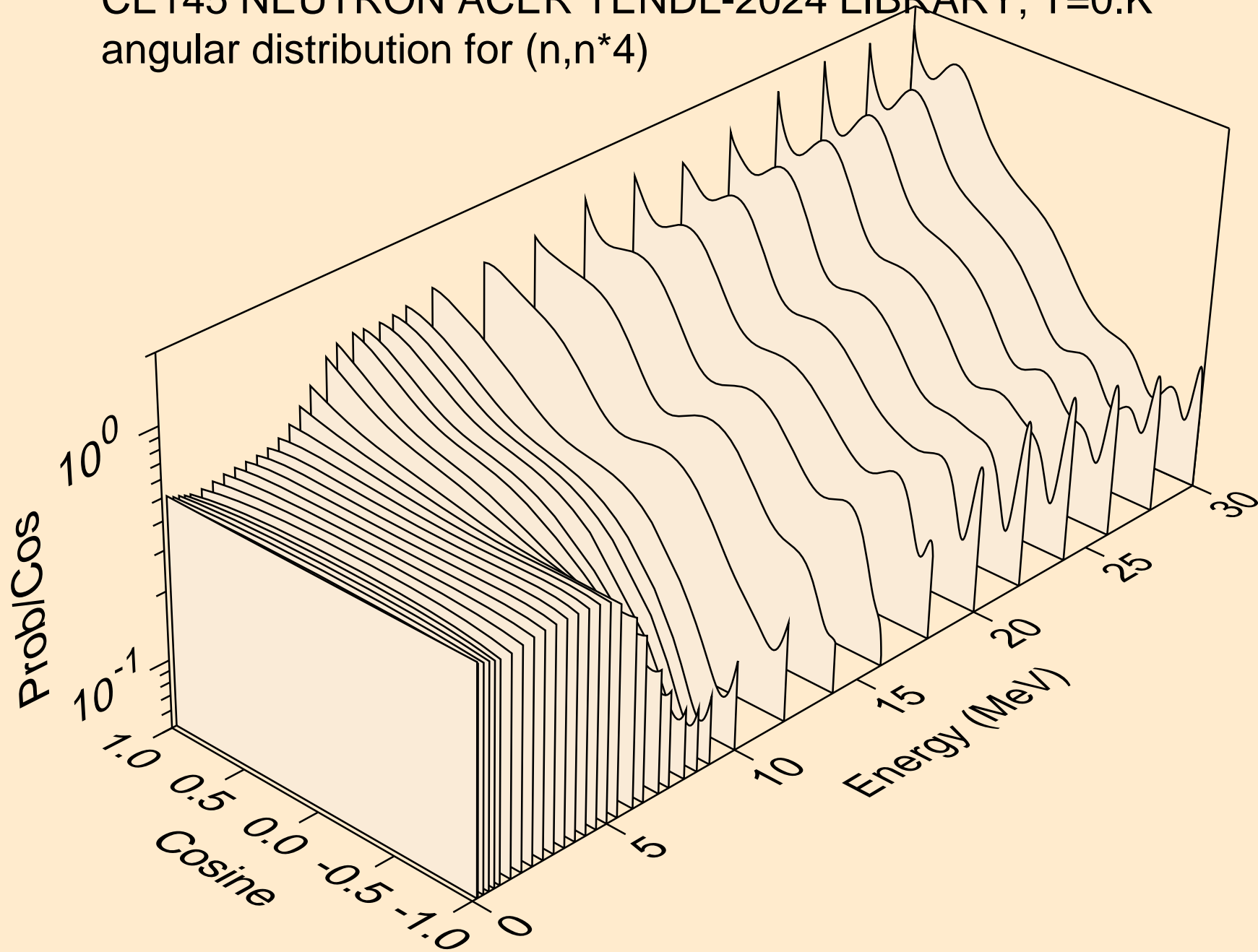
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



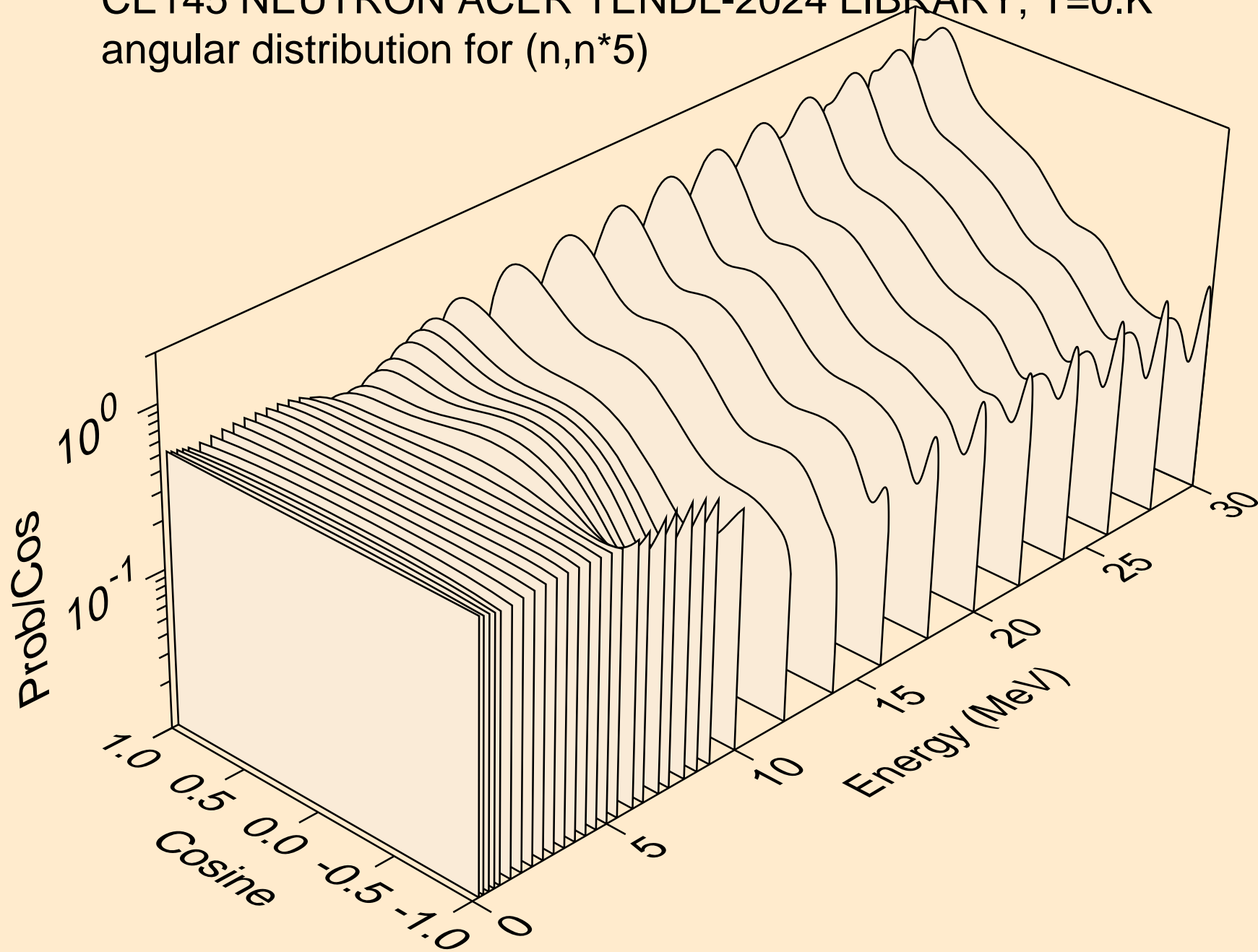
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



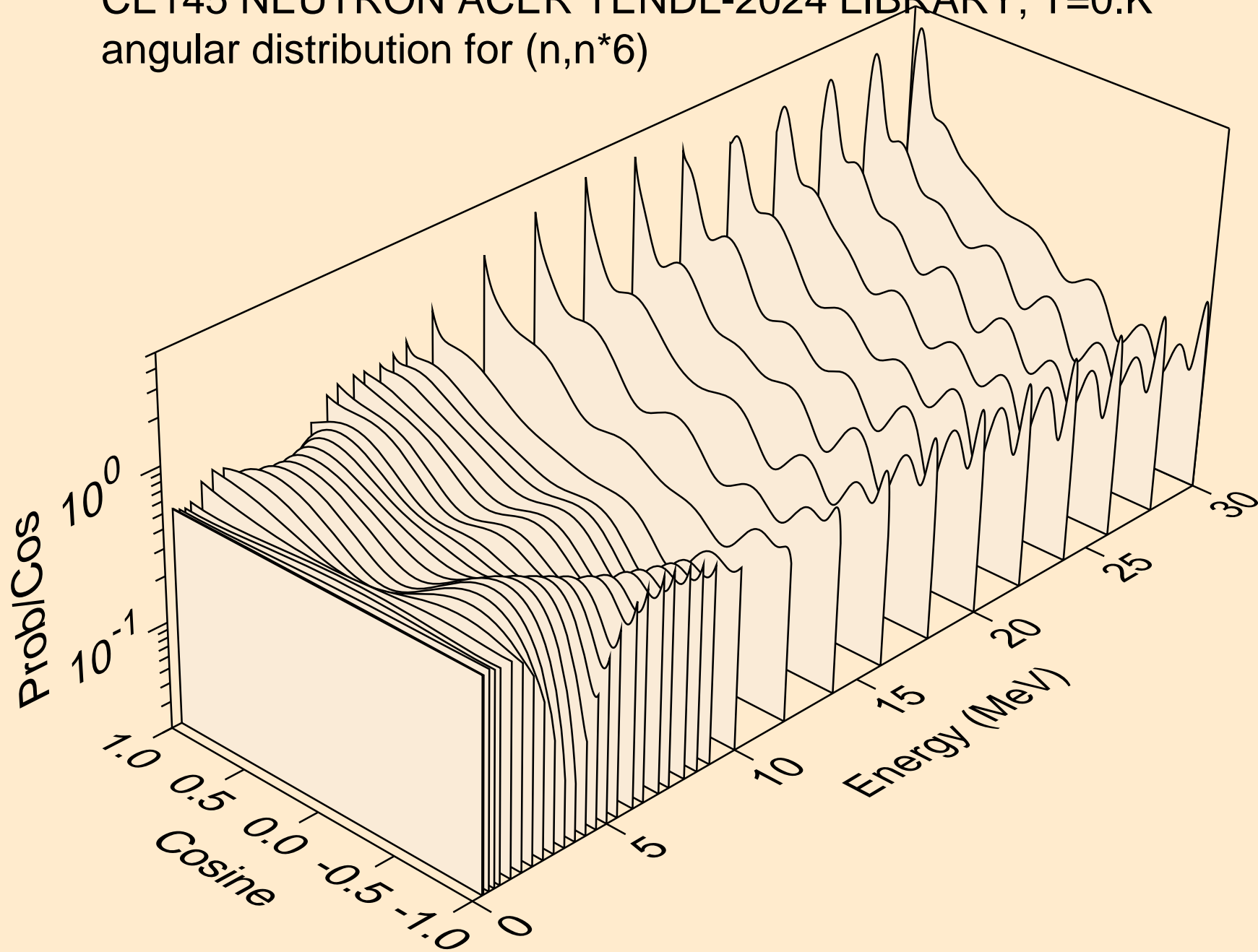
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



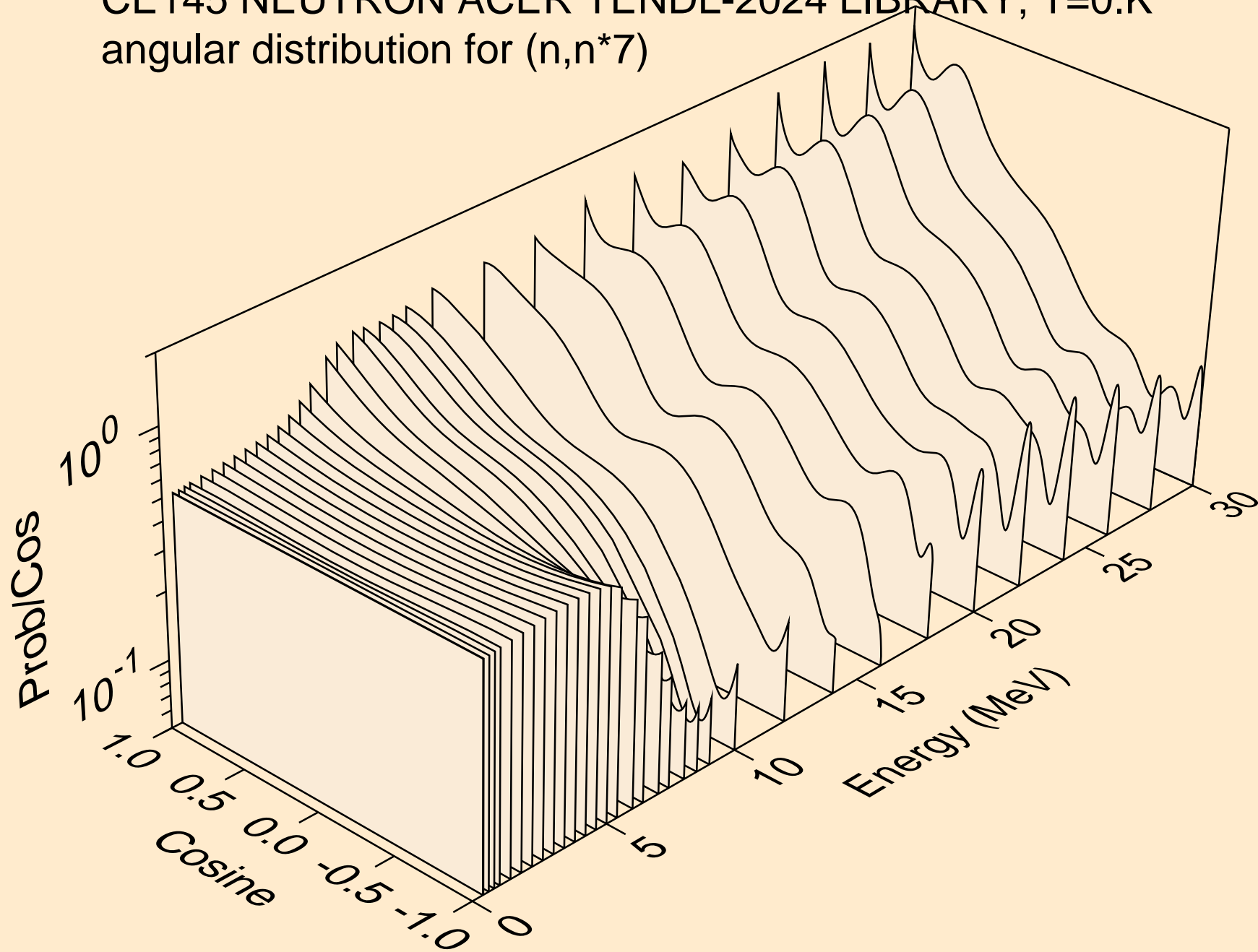
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



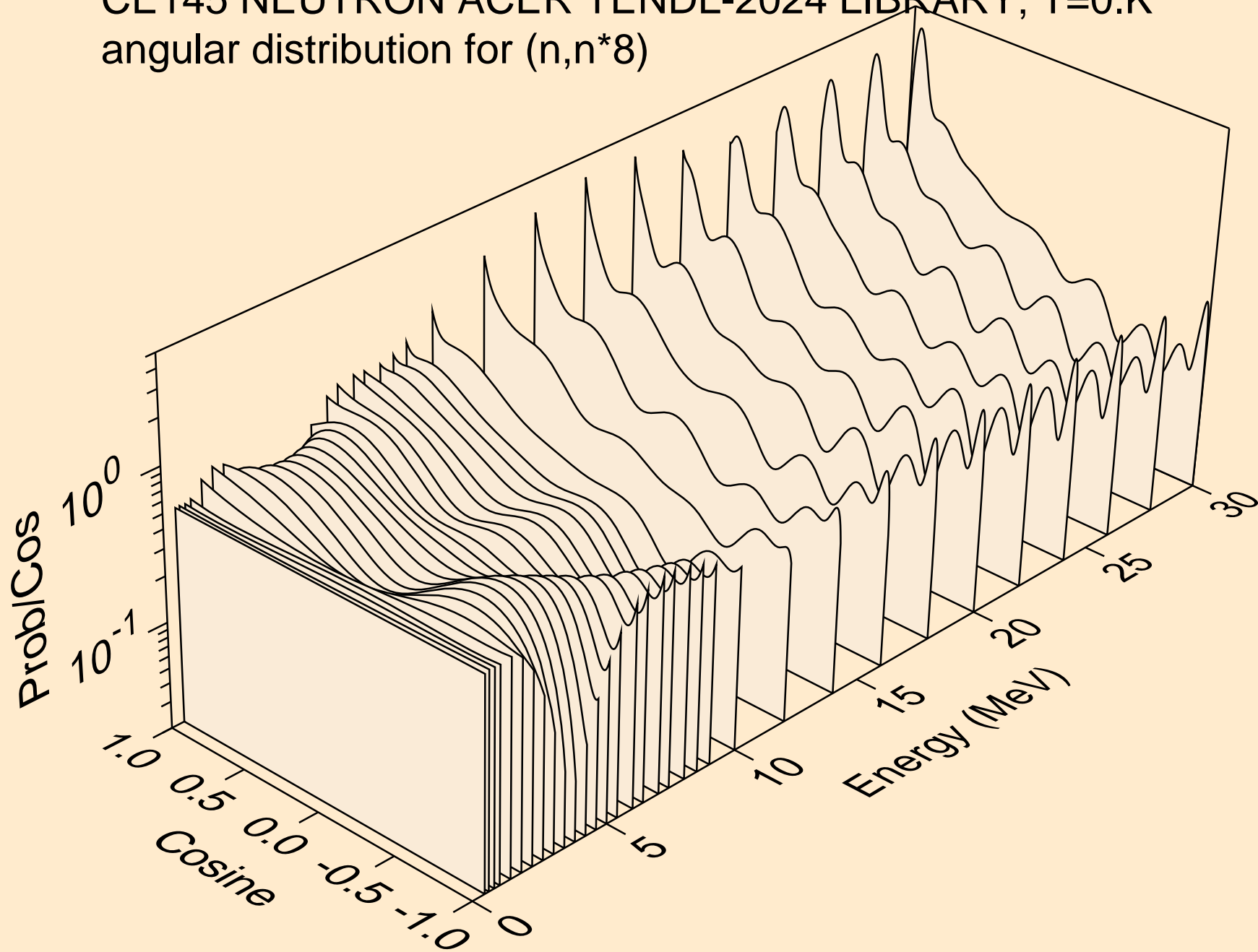
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



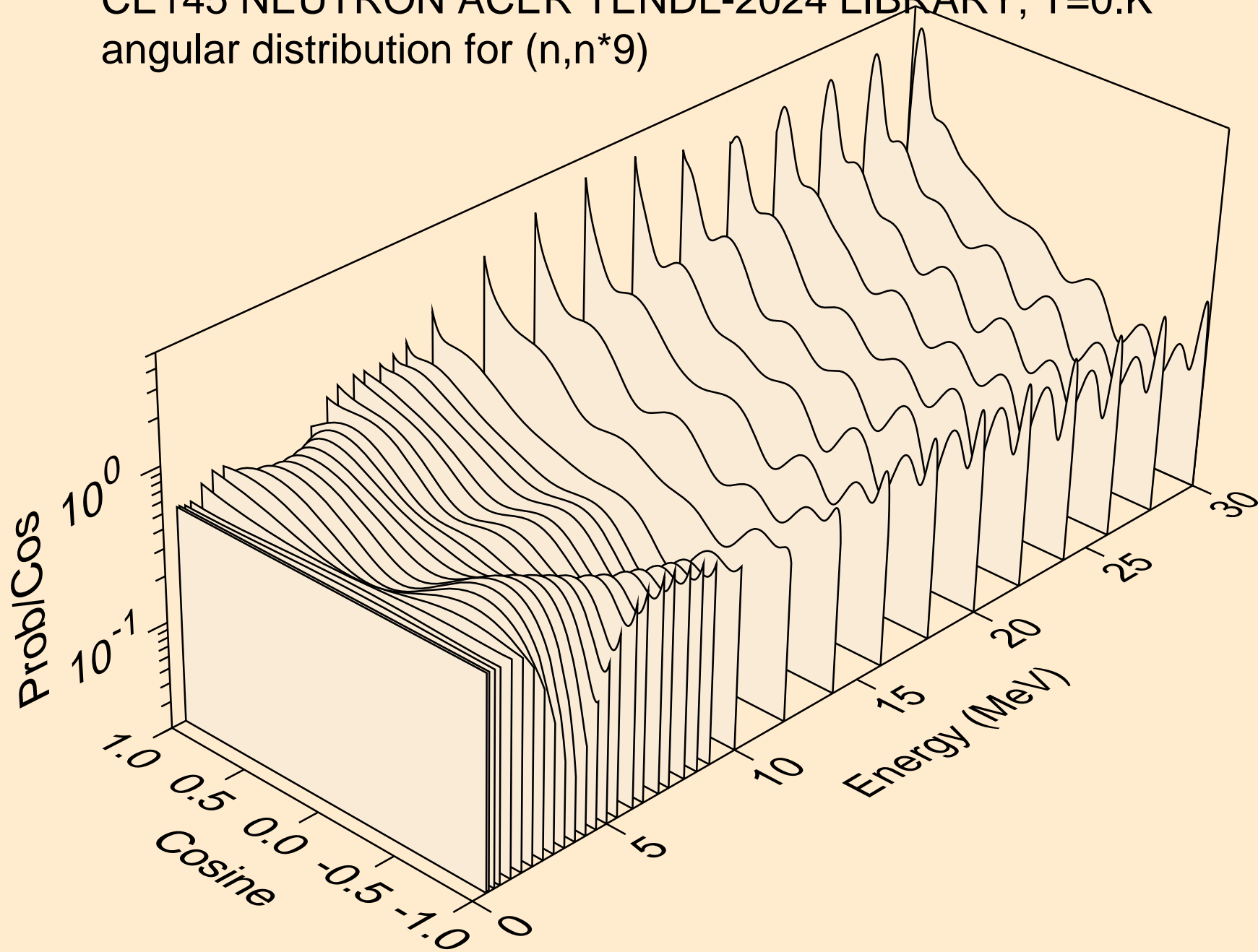
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



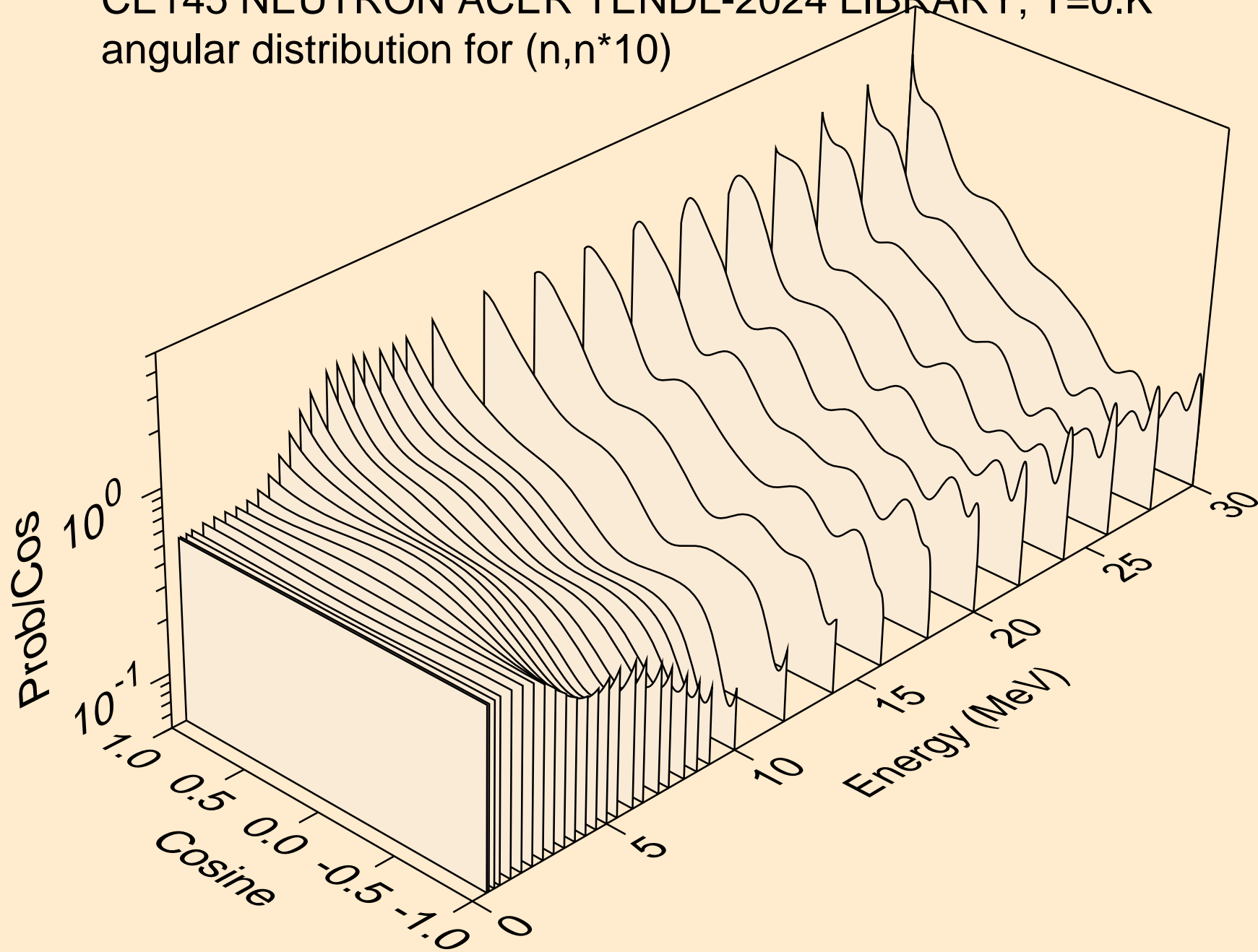
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



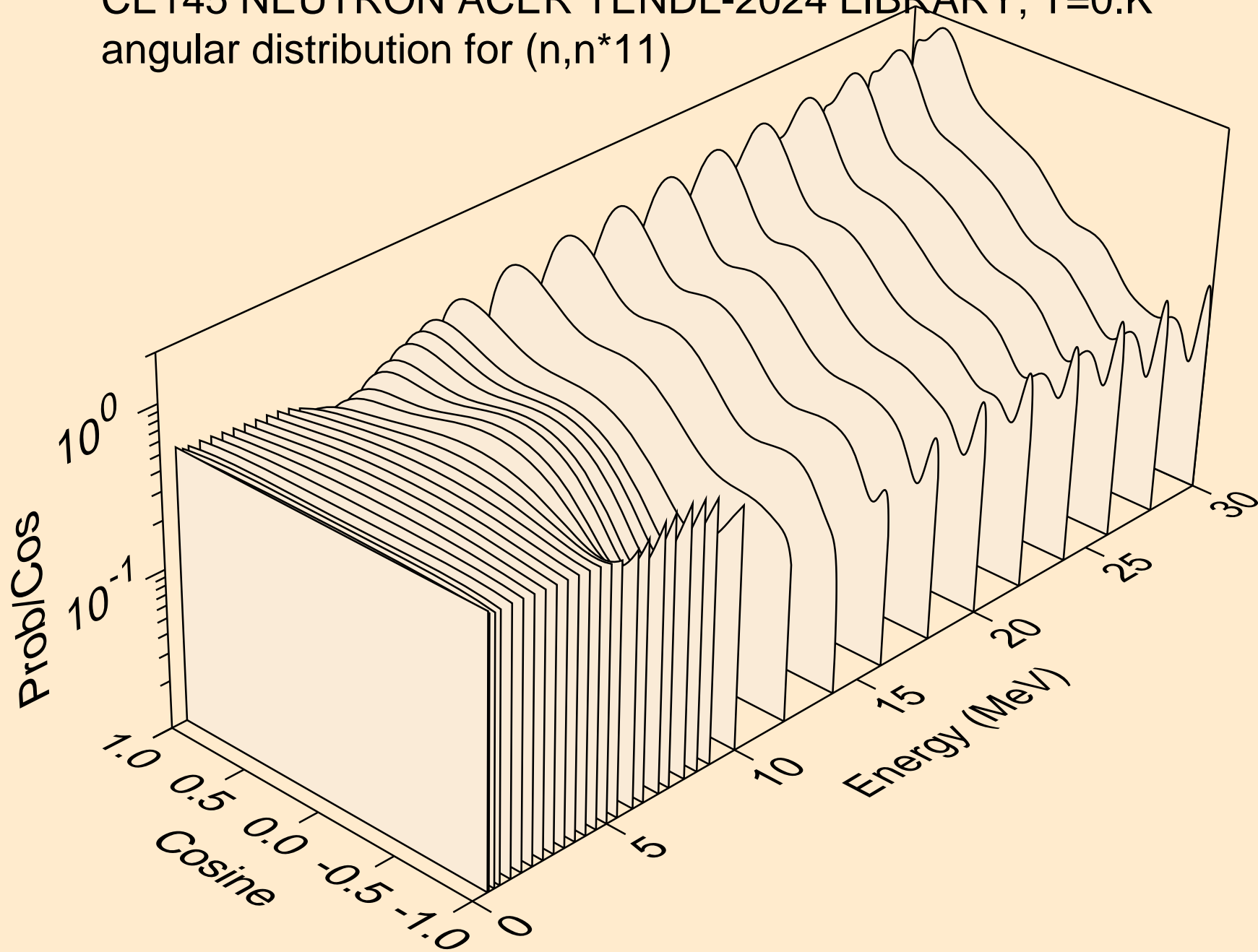
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



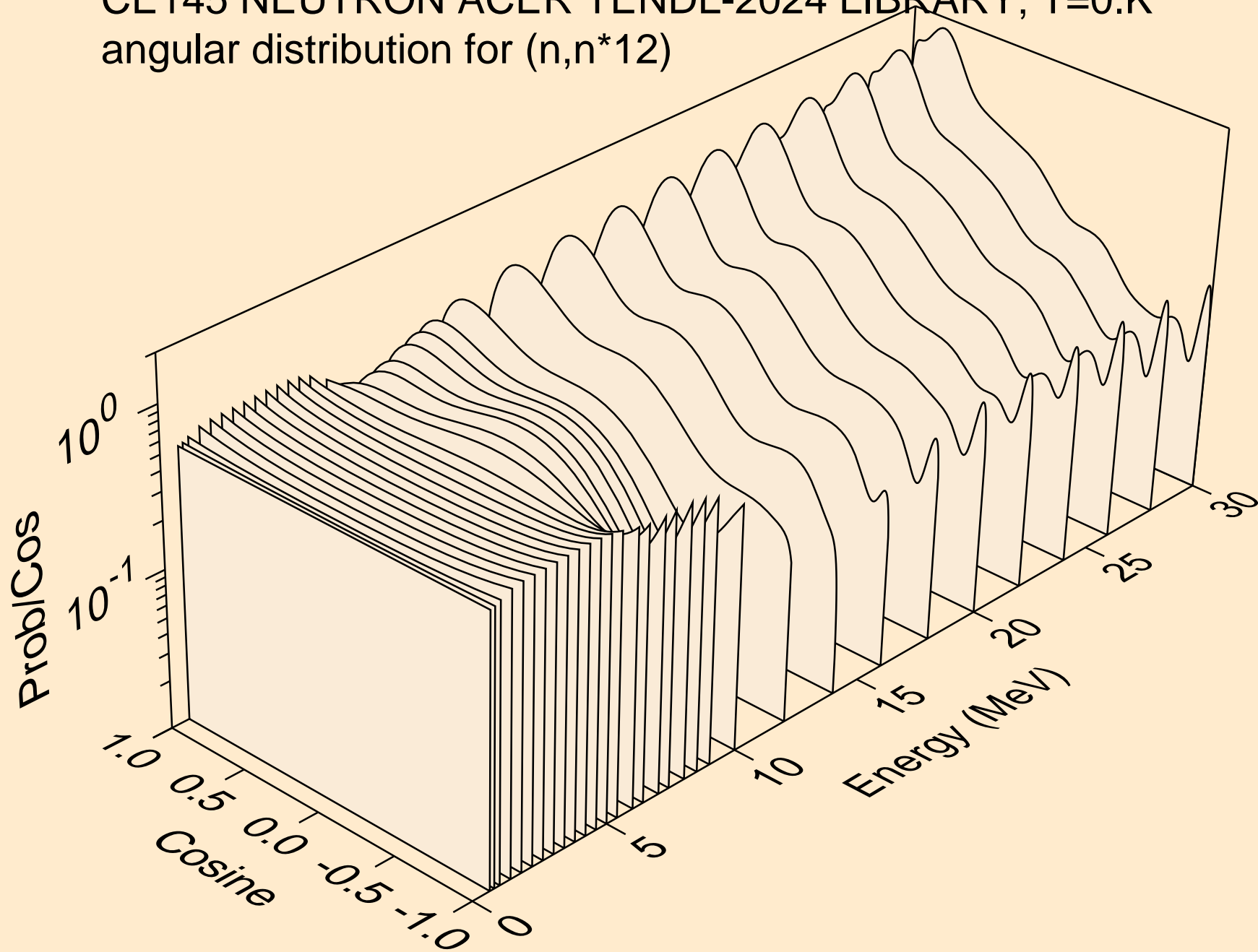
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



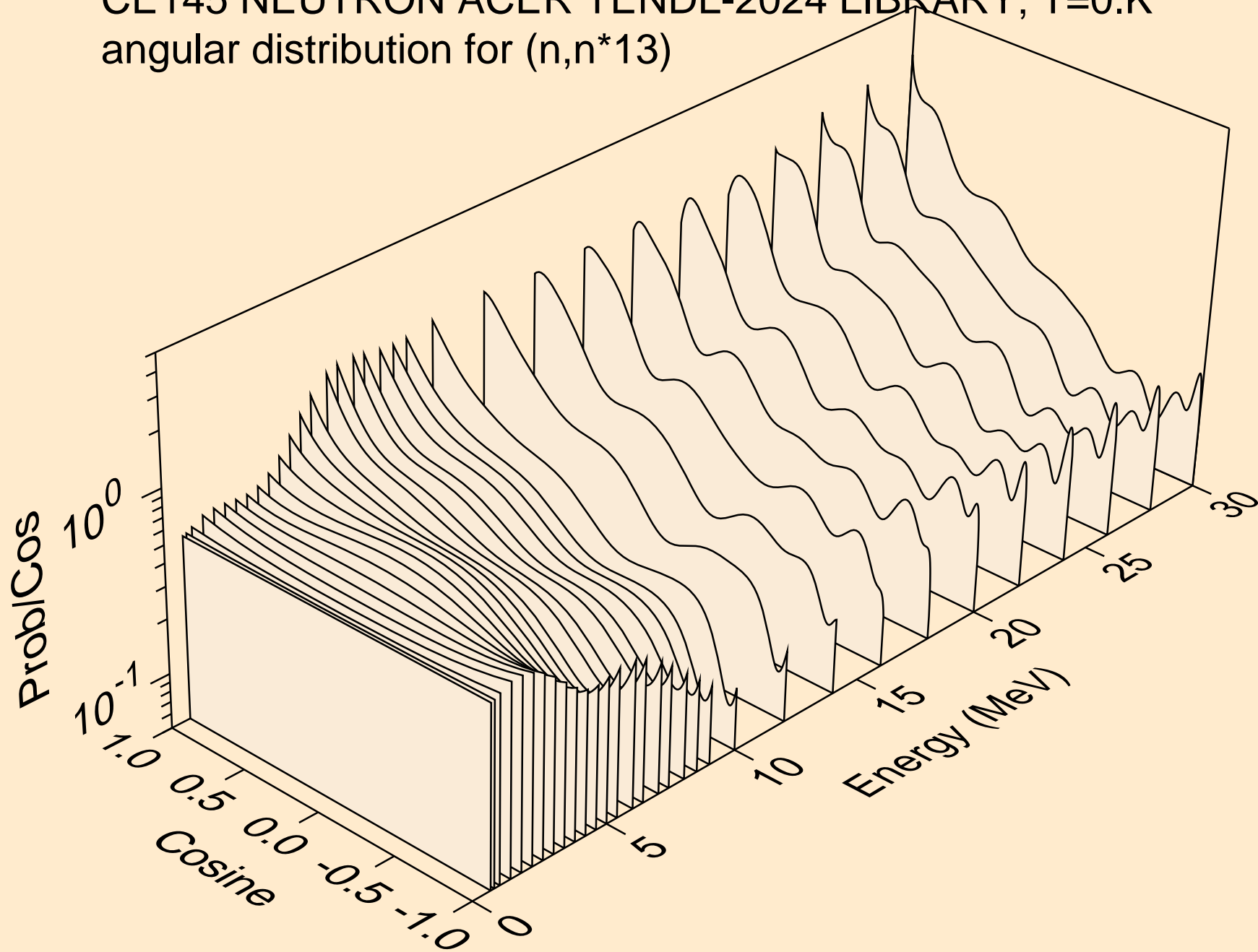
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



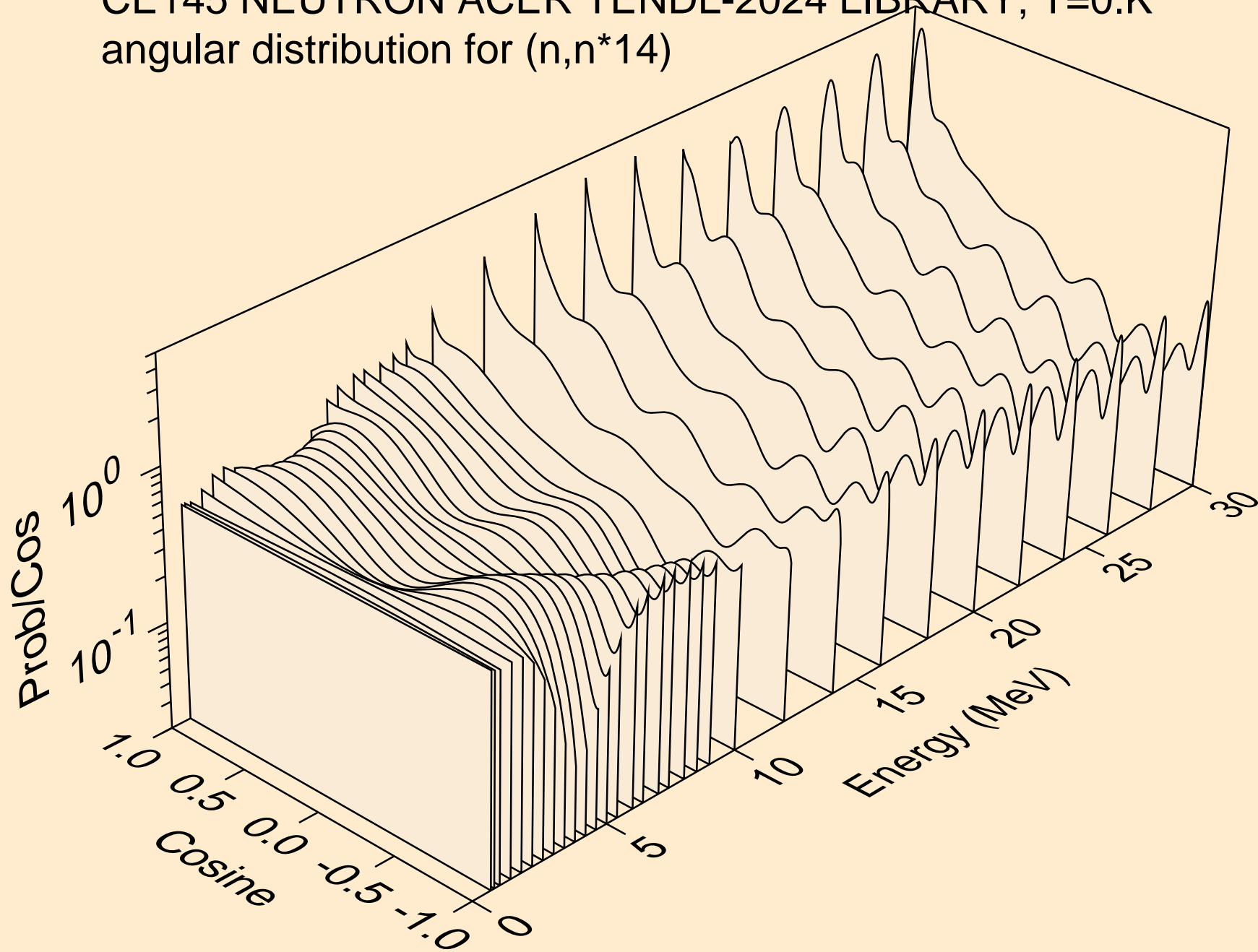
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angular distribution for (n,n*12)



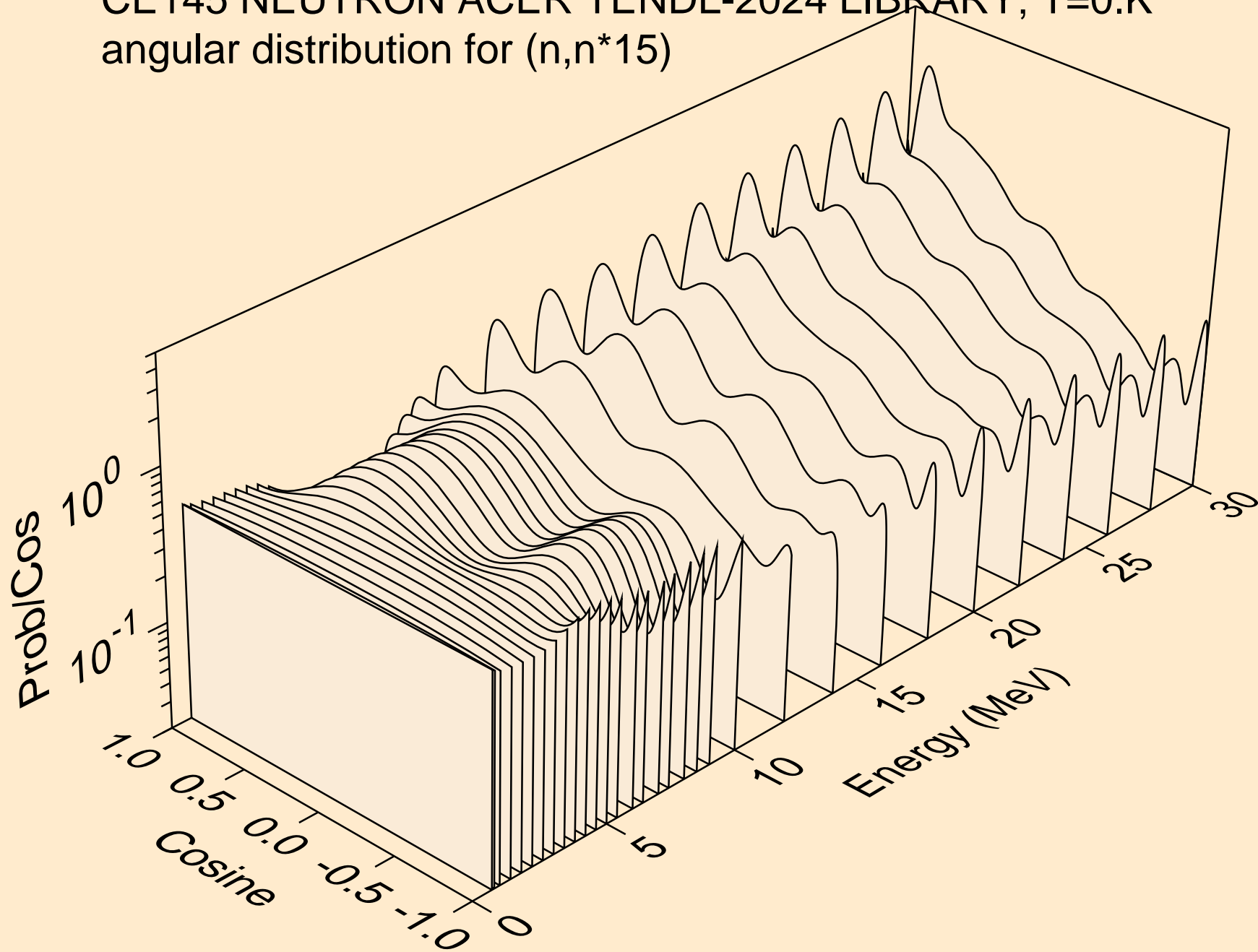
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



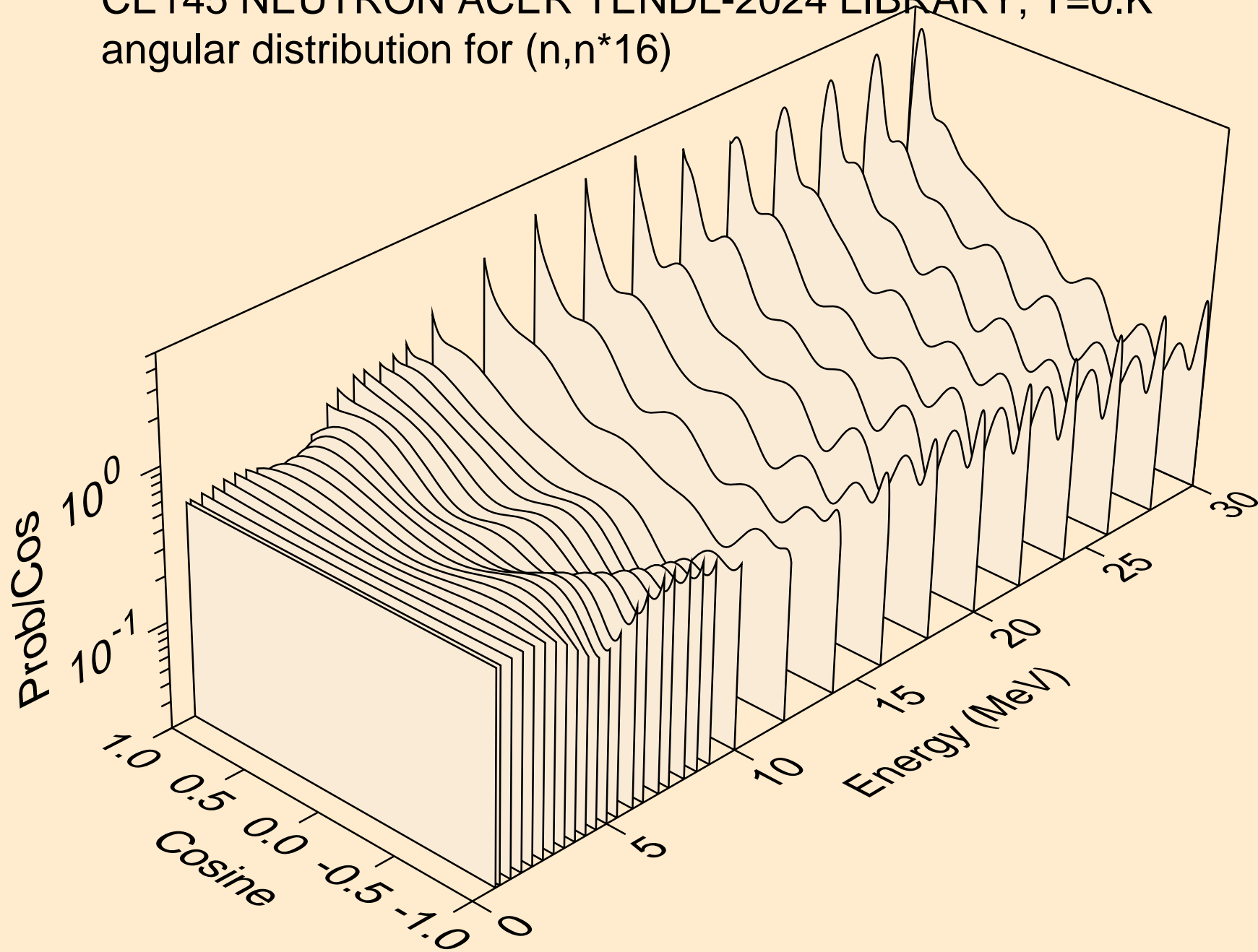
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angular distribution for (n,n*14)



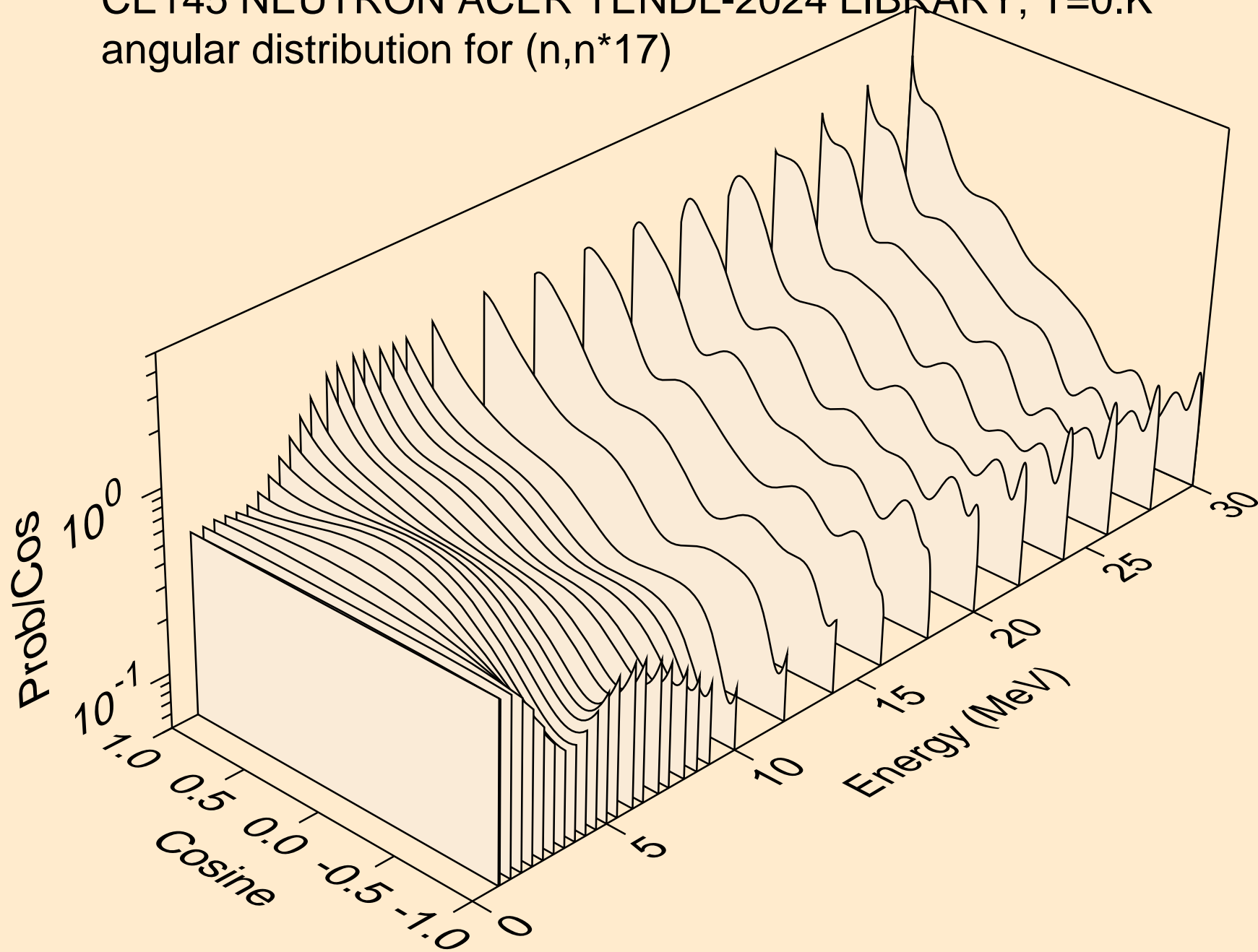
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angular distribution for (n,n*15)



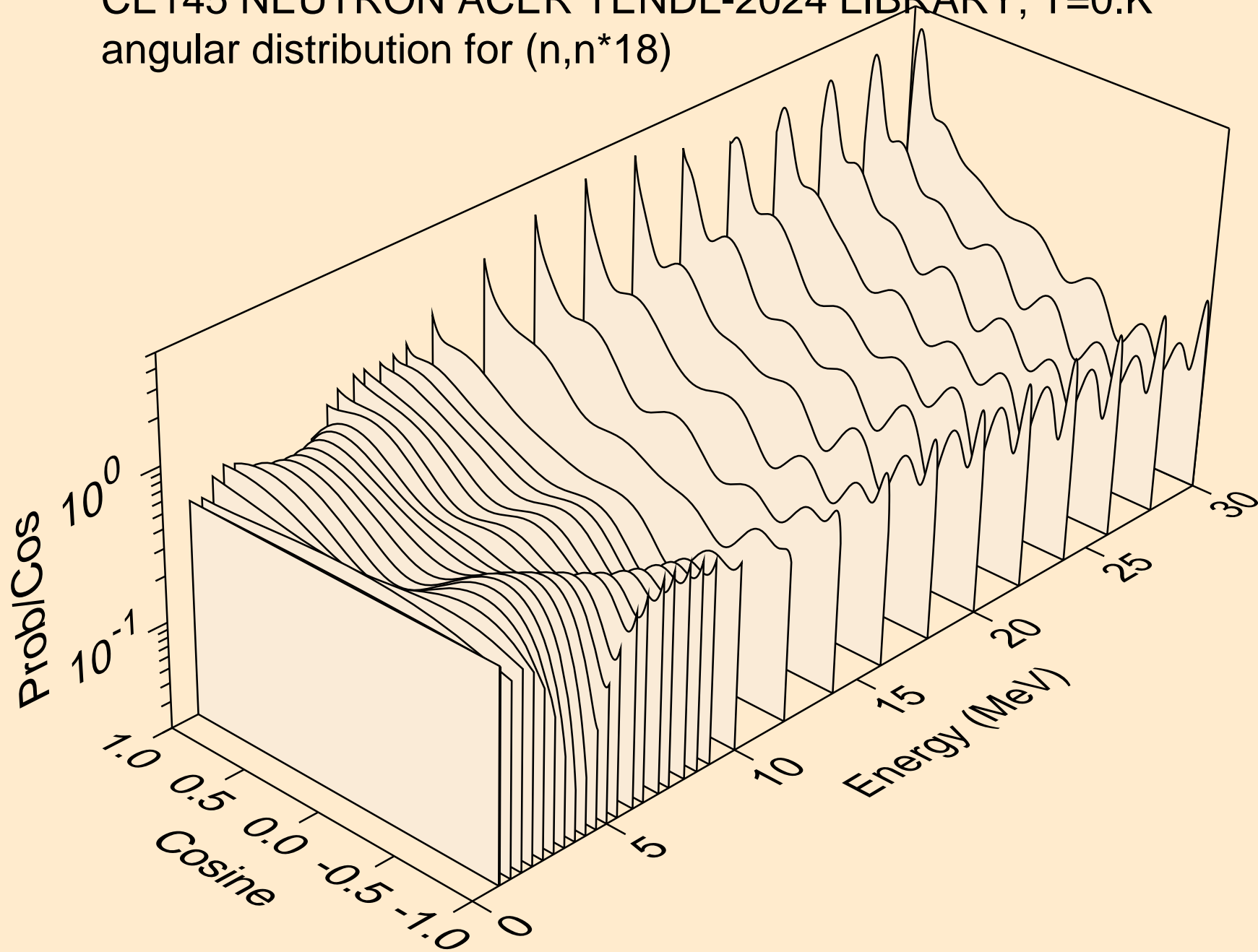
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



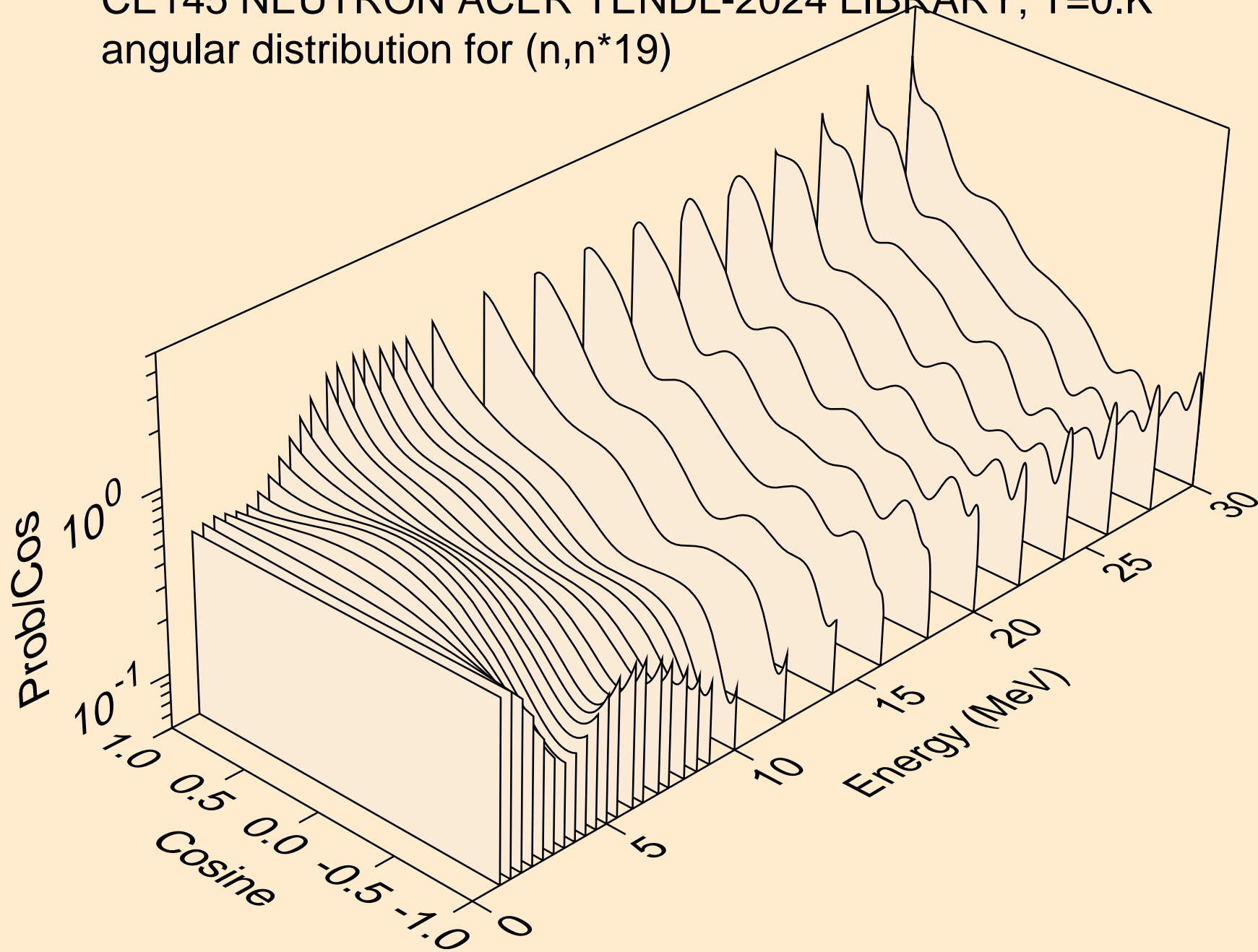
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angular distribution for (n,n*17)



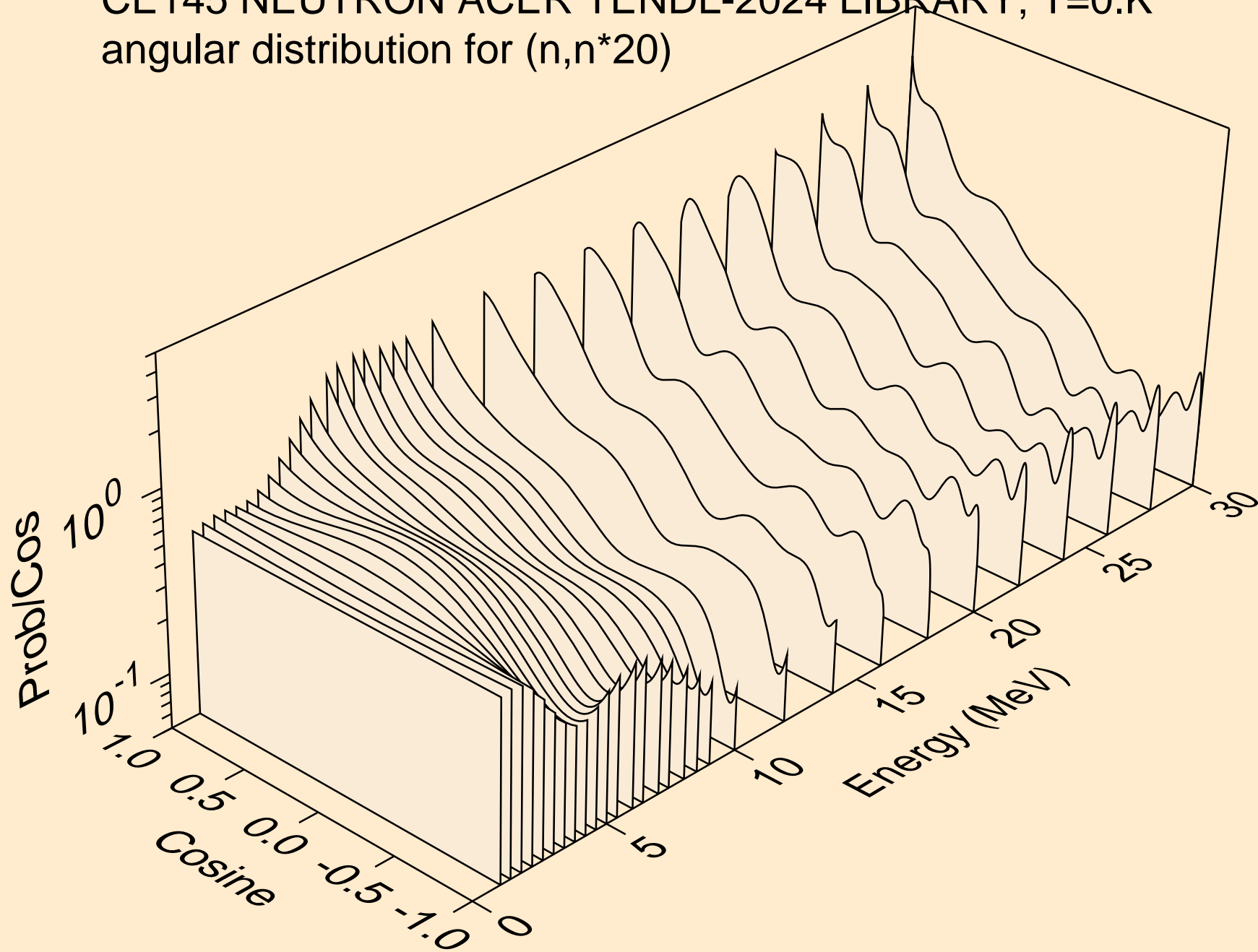
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angular distribution for (n,n*18)



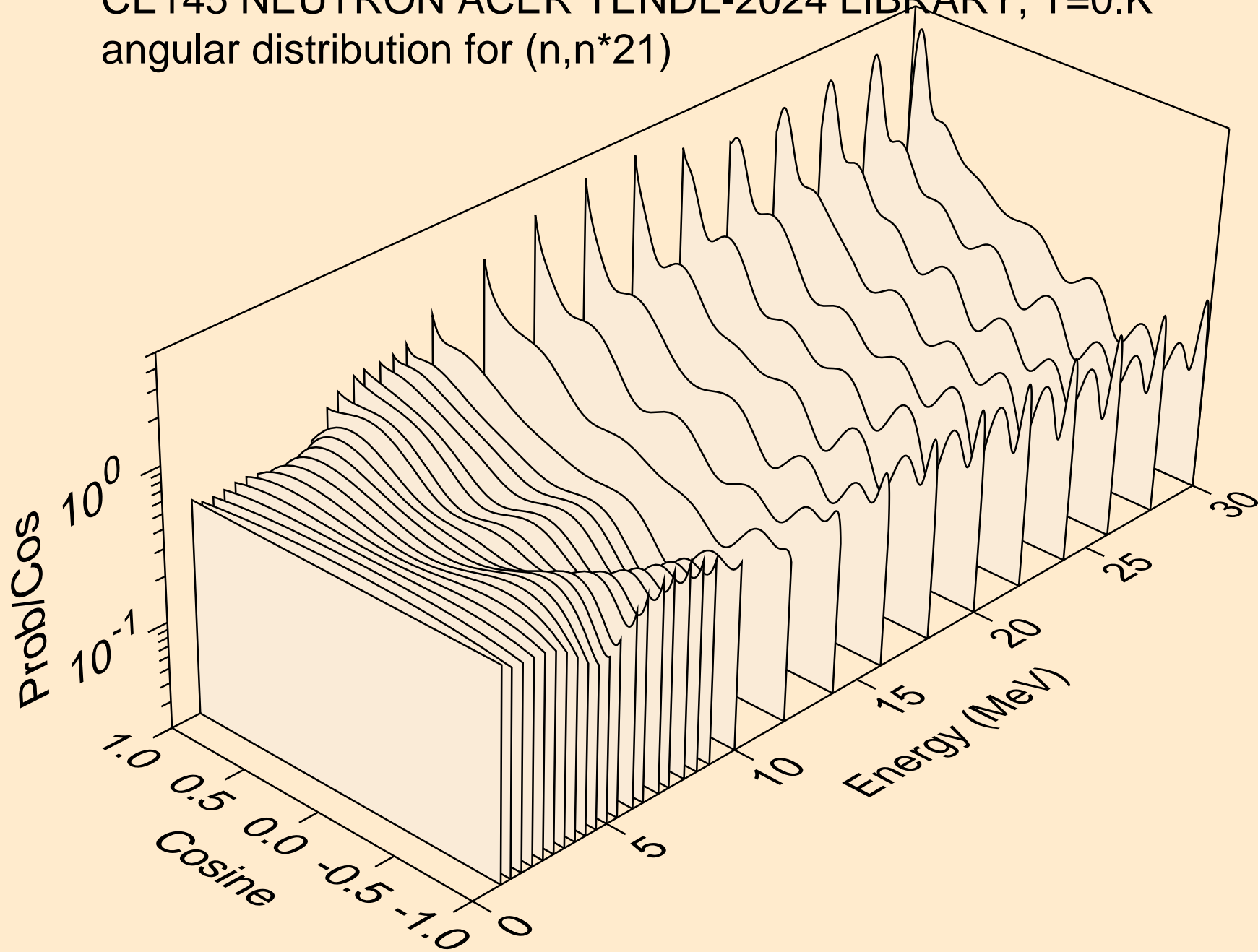
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



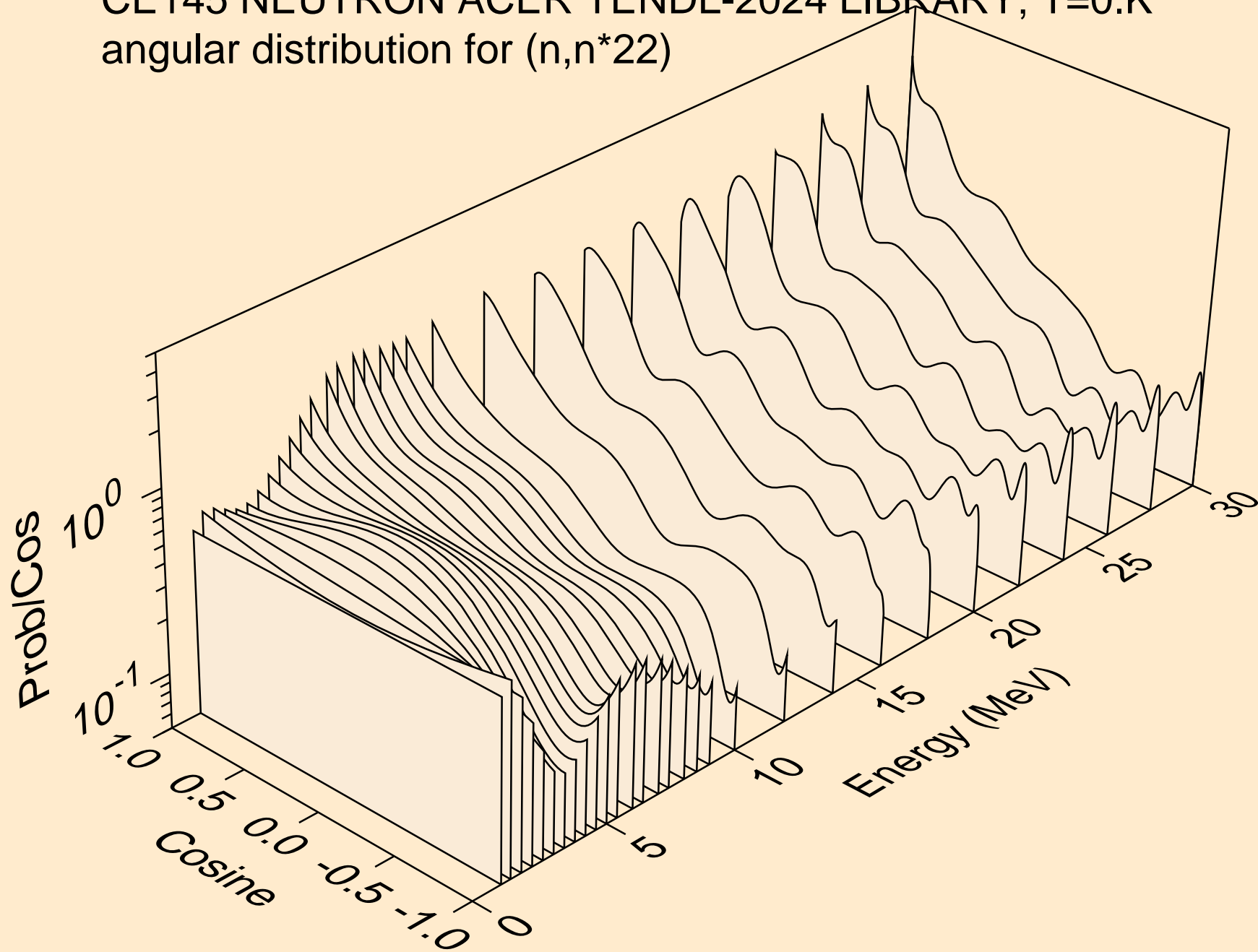
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



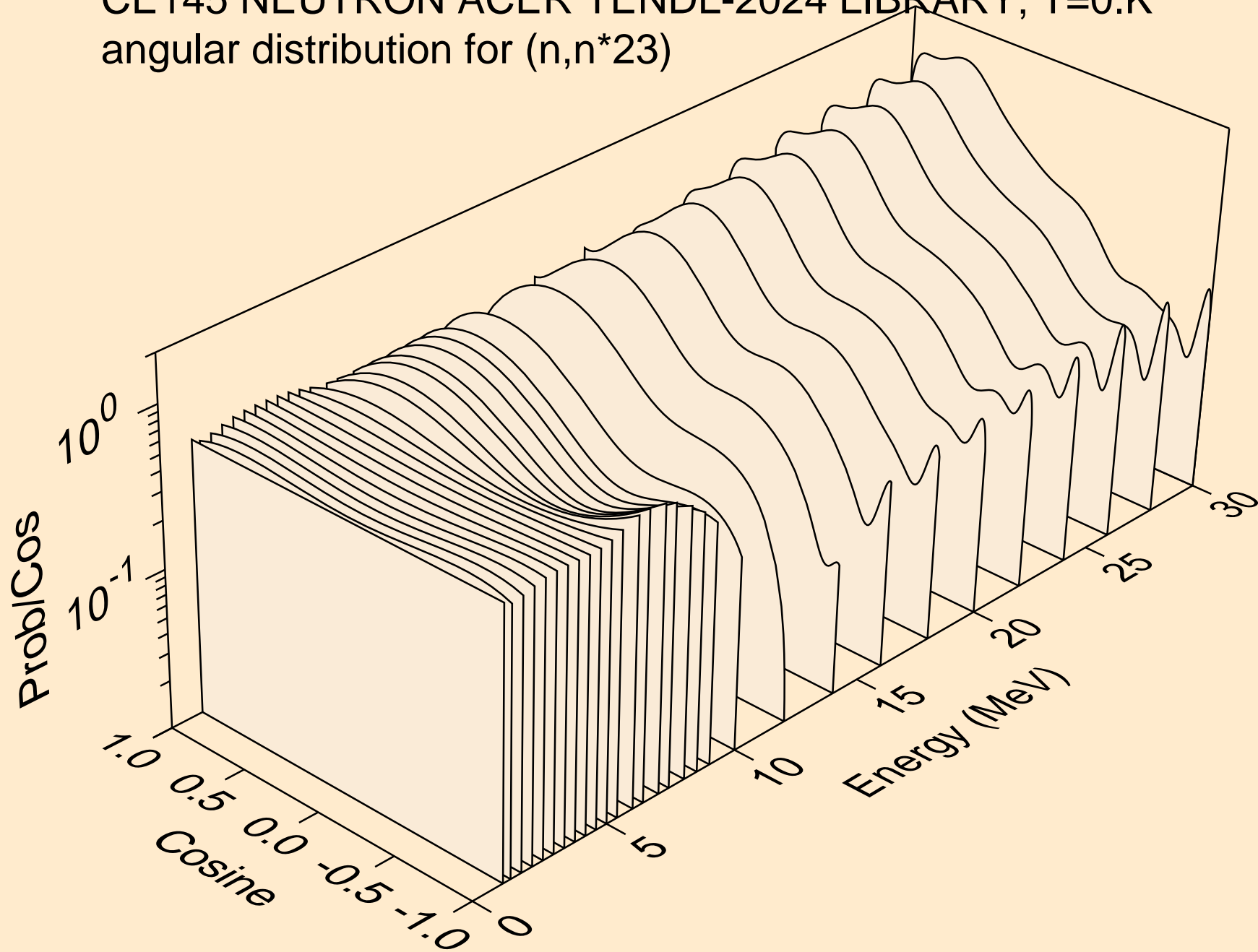
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



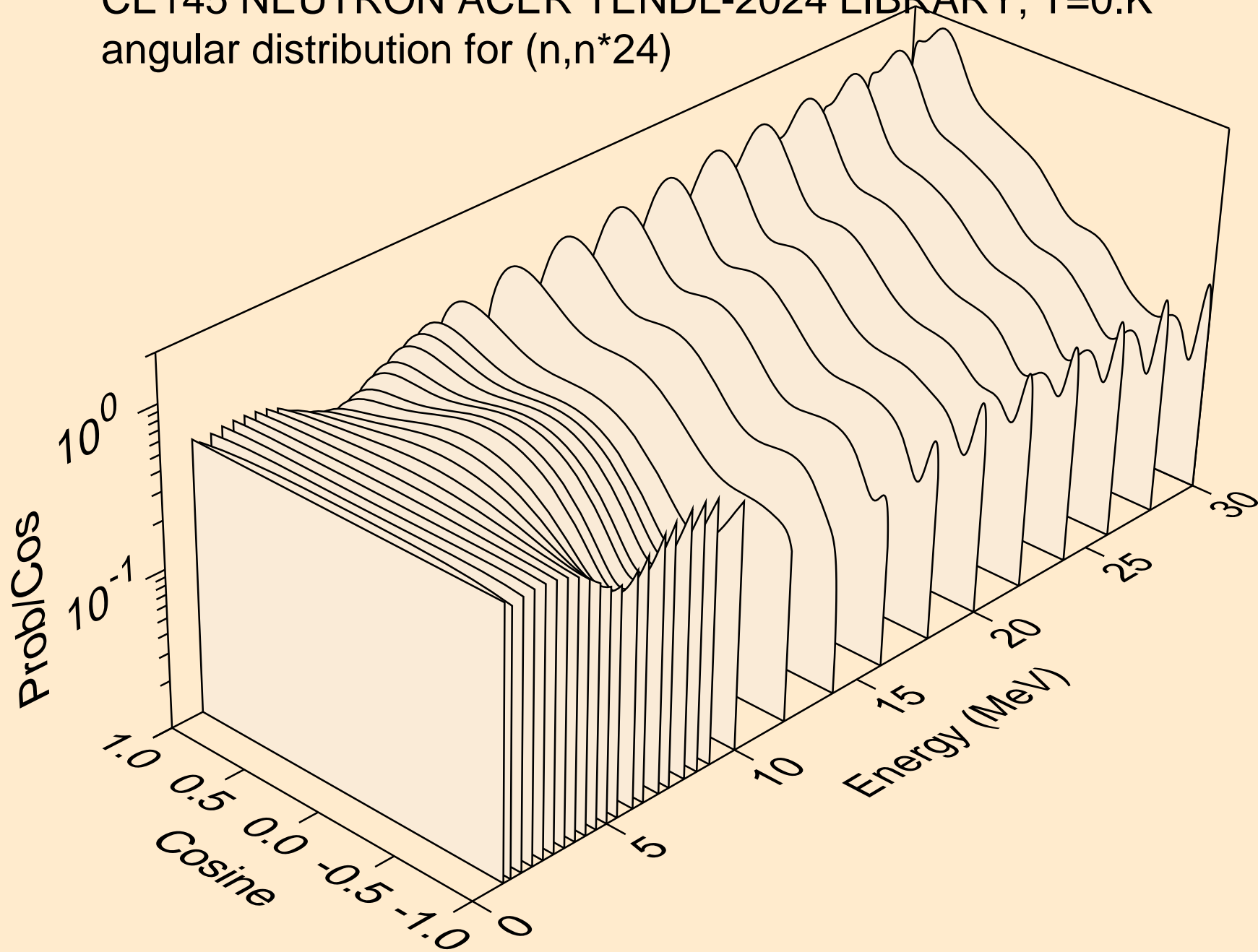
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angular distribution for (n,n*22)



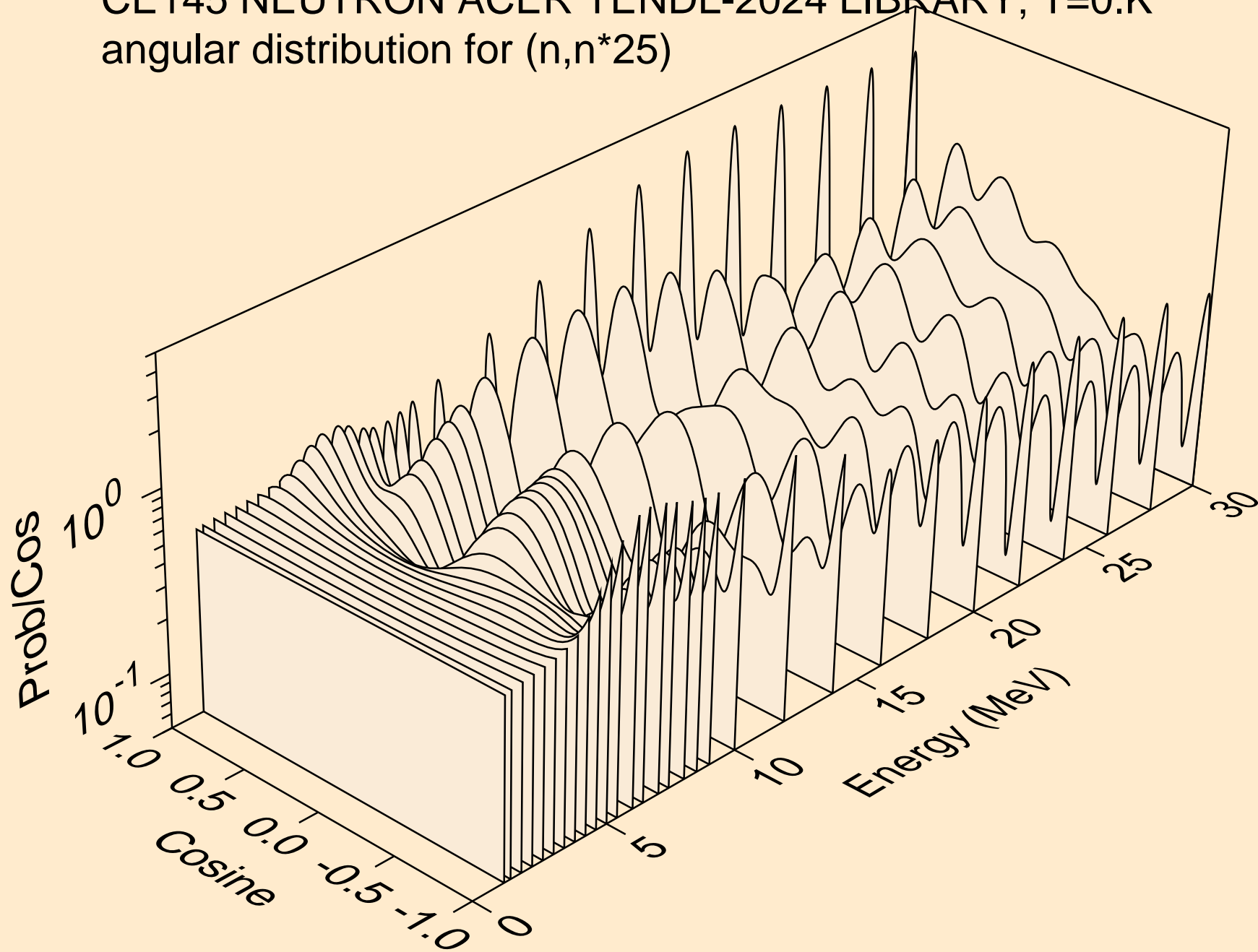
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)



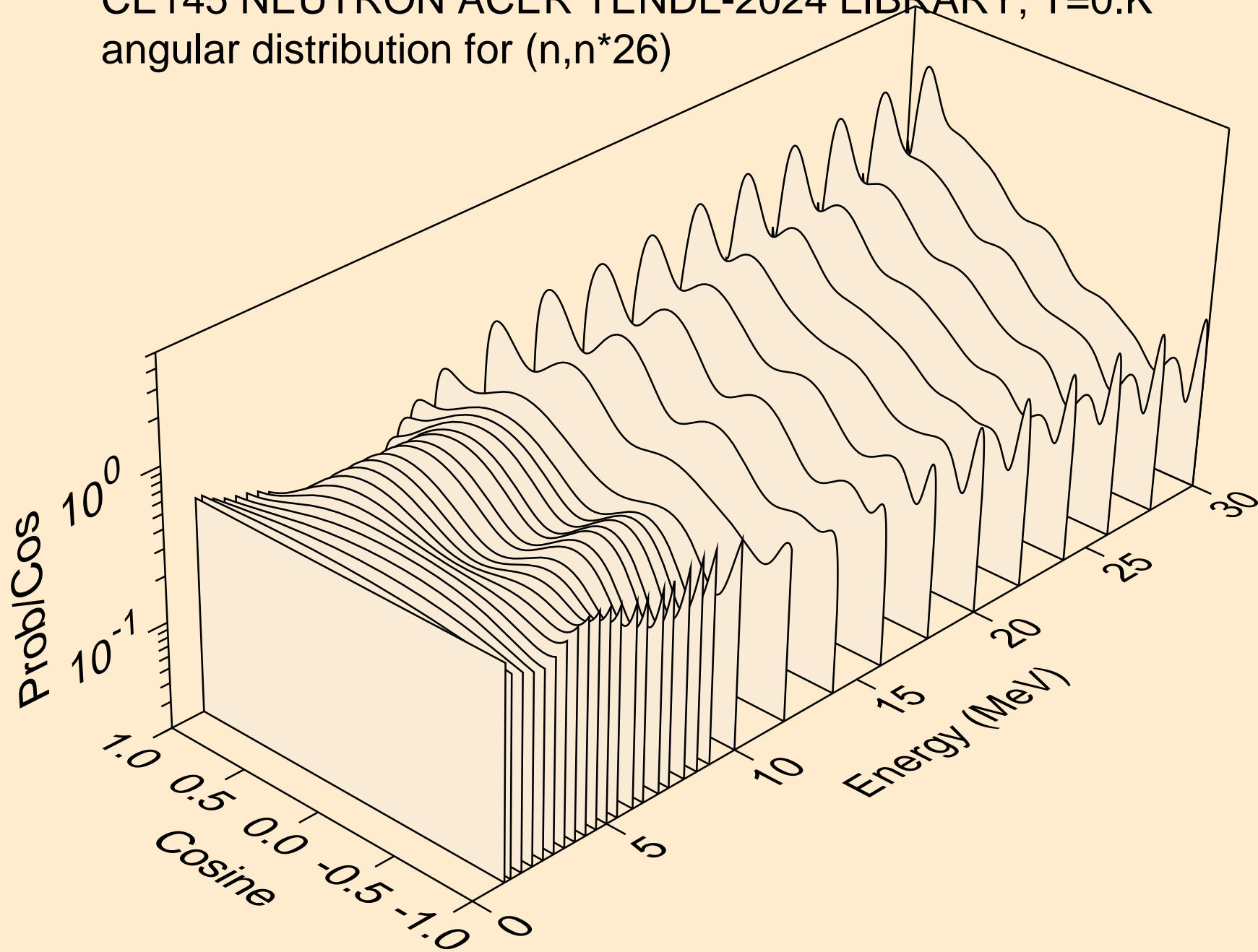
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



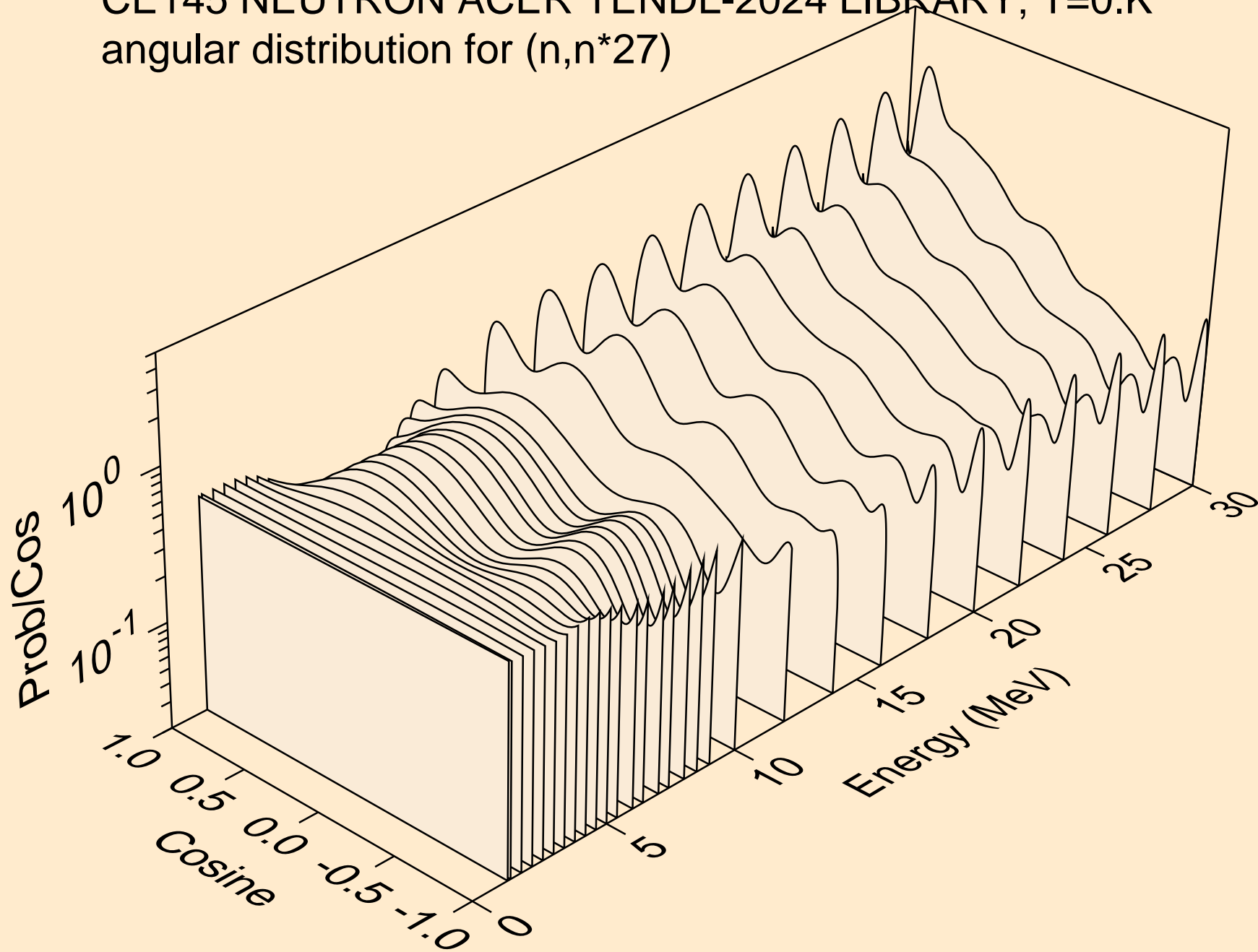
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



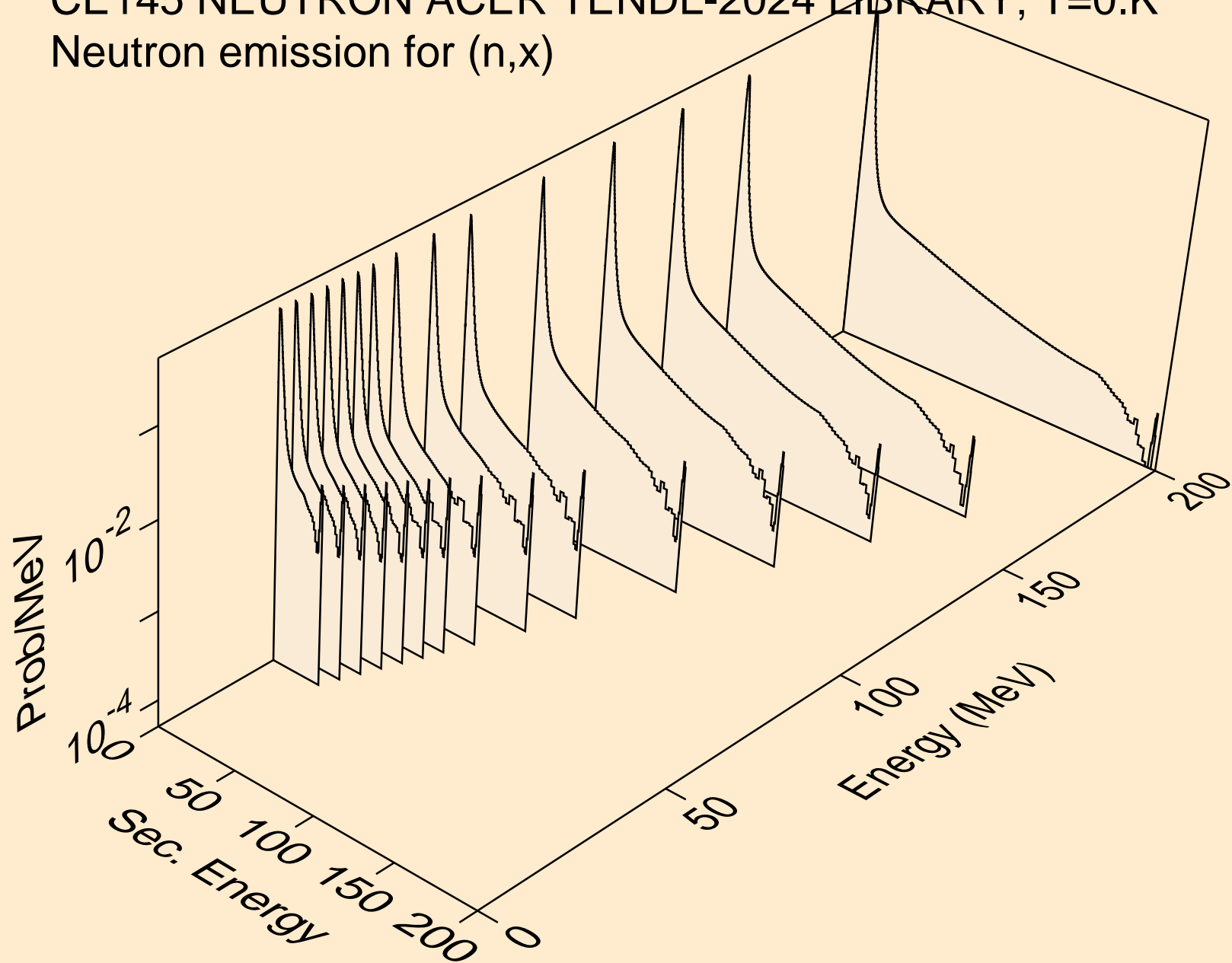
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



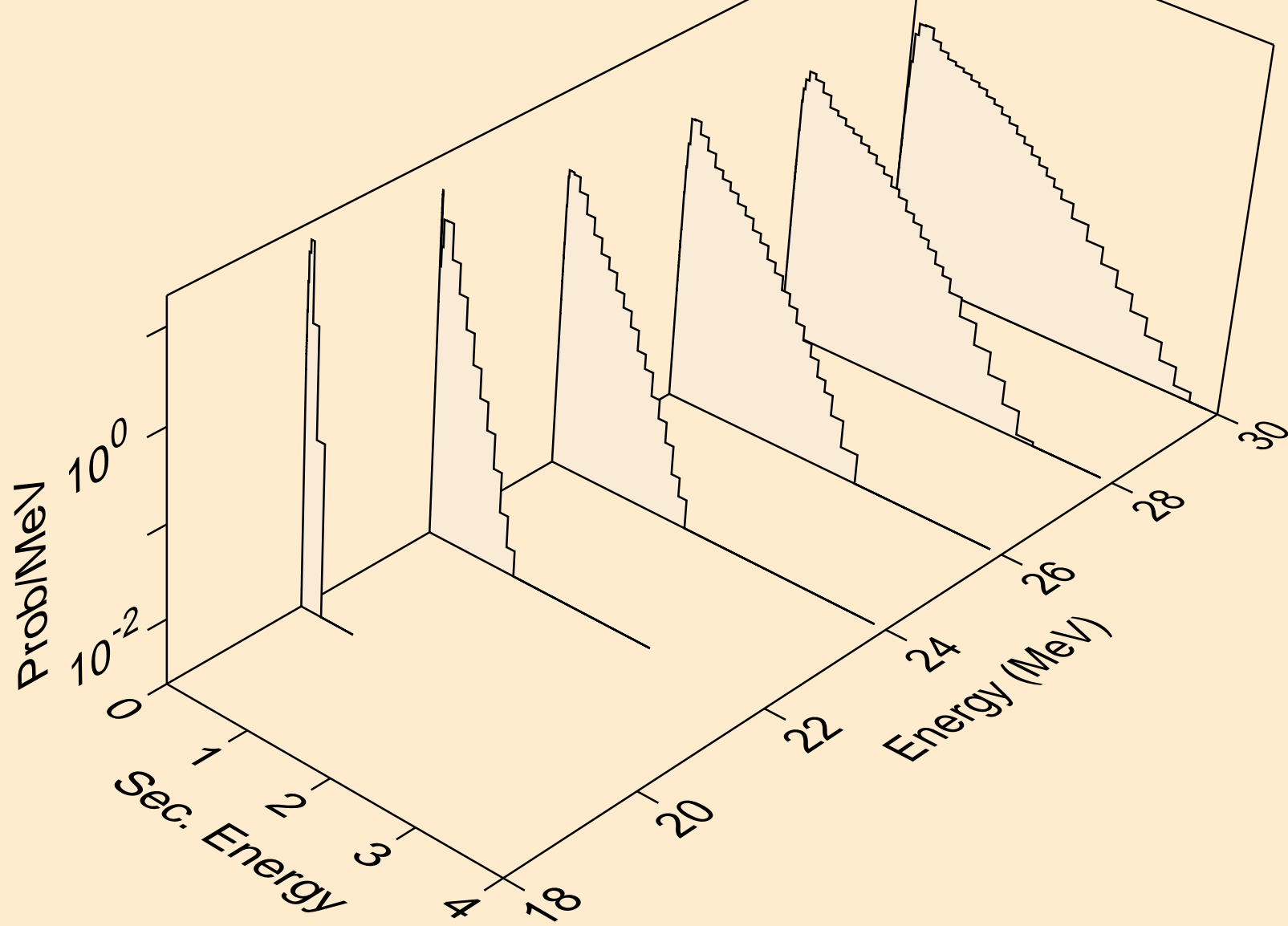
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



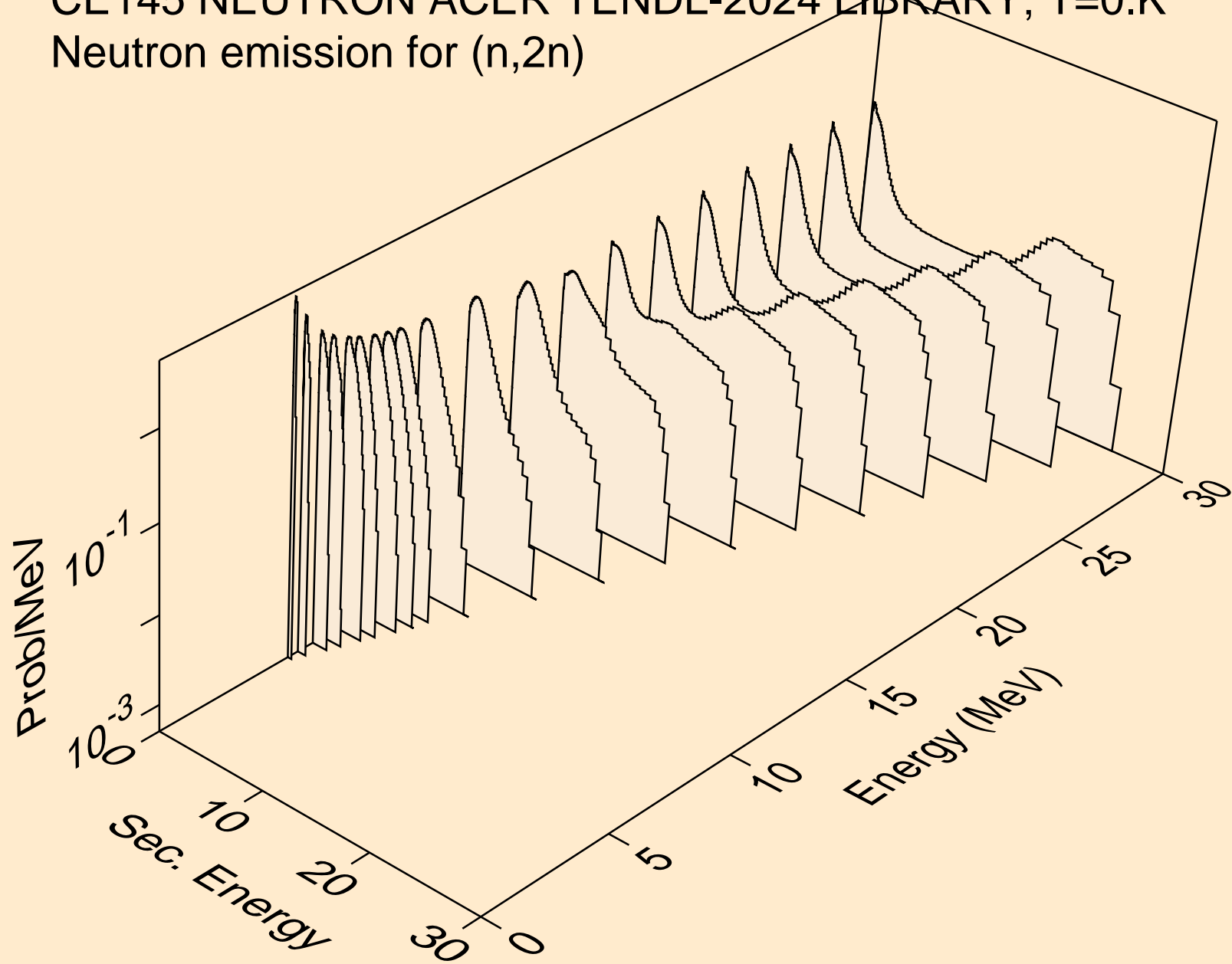
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



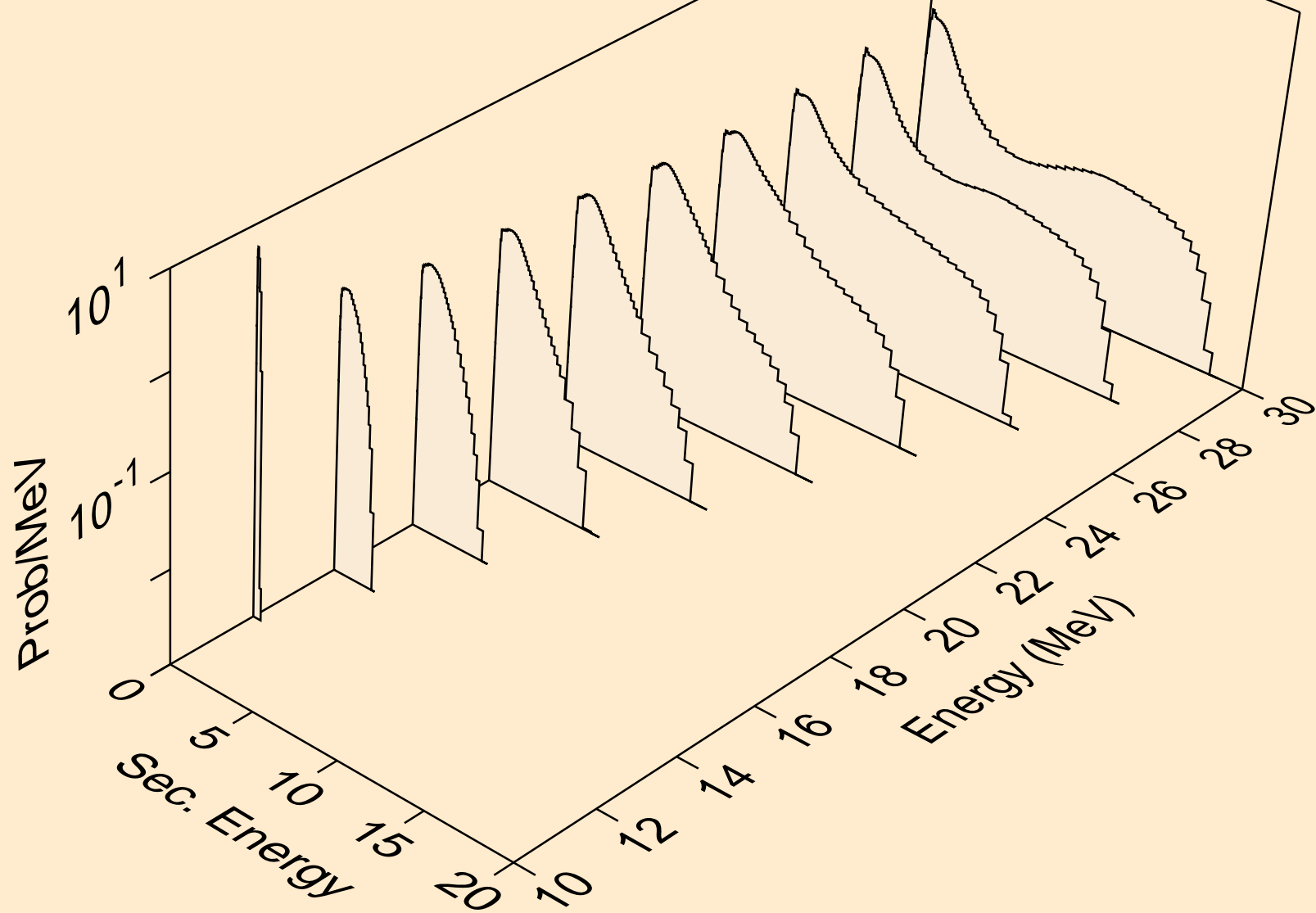
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



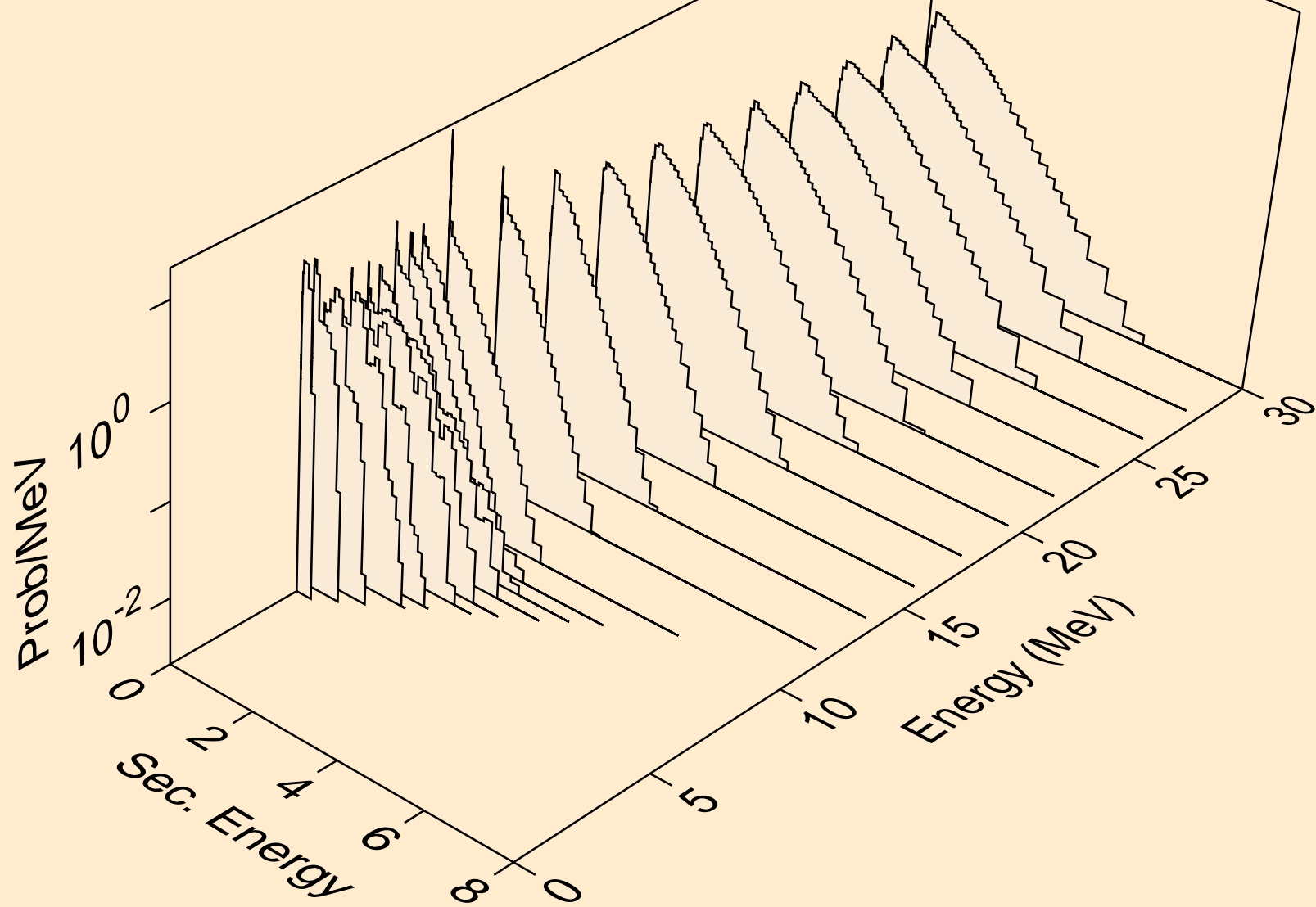
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



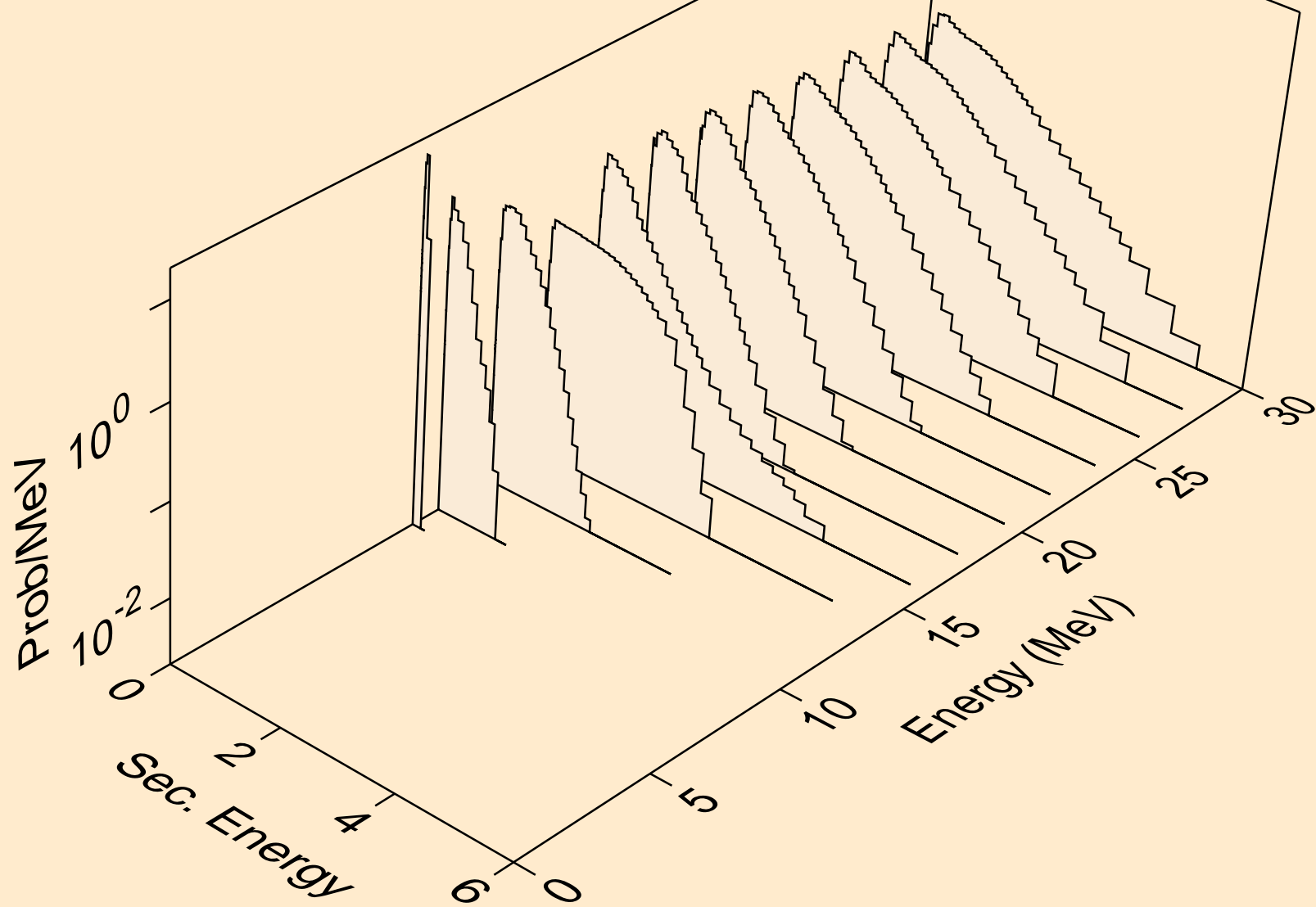
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



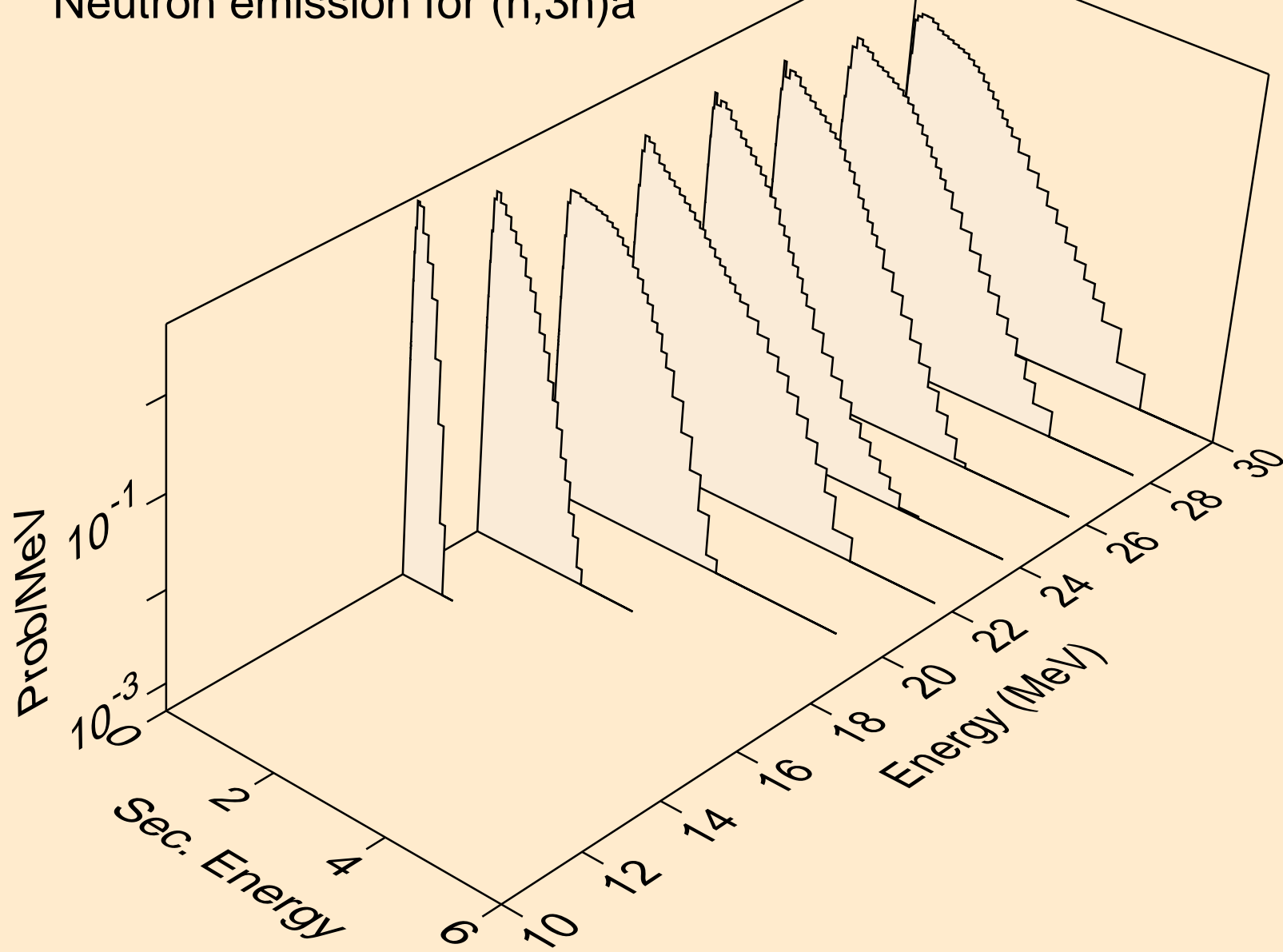
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



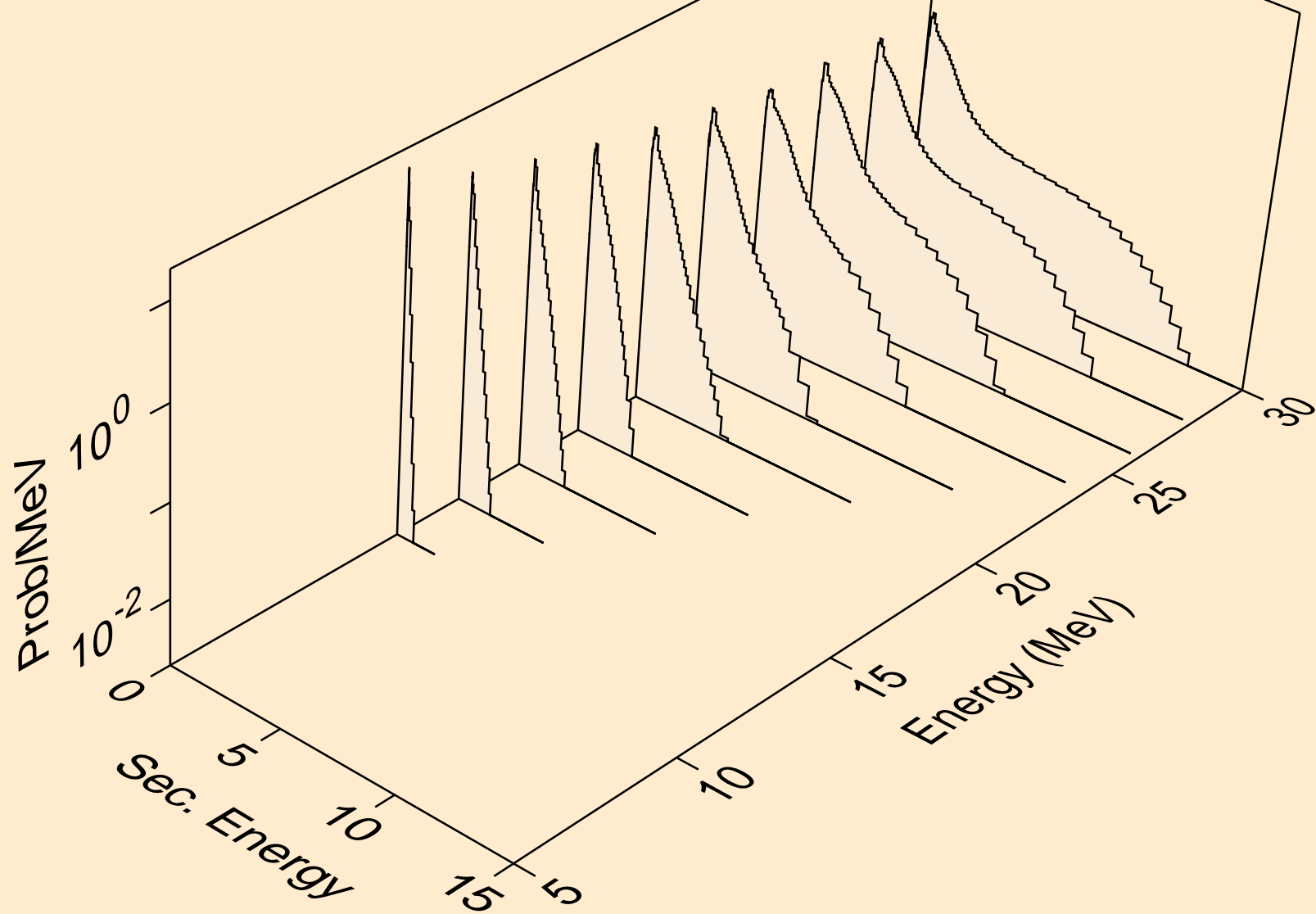
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



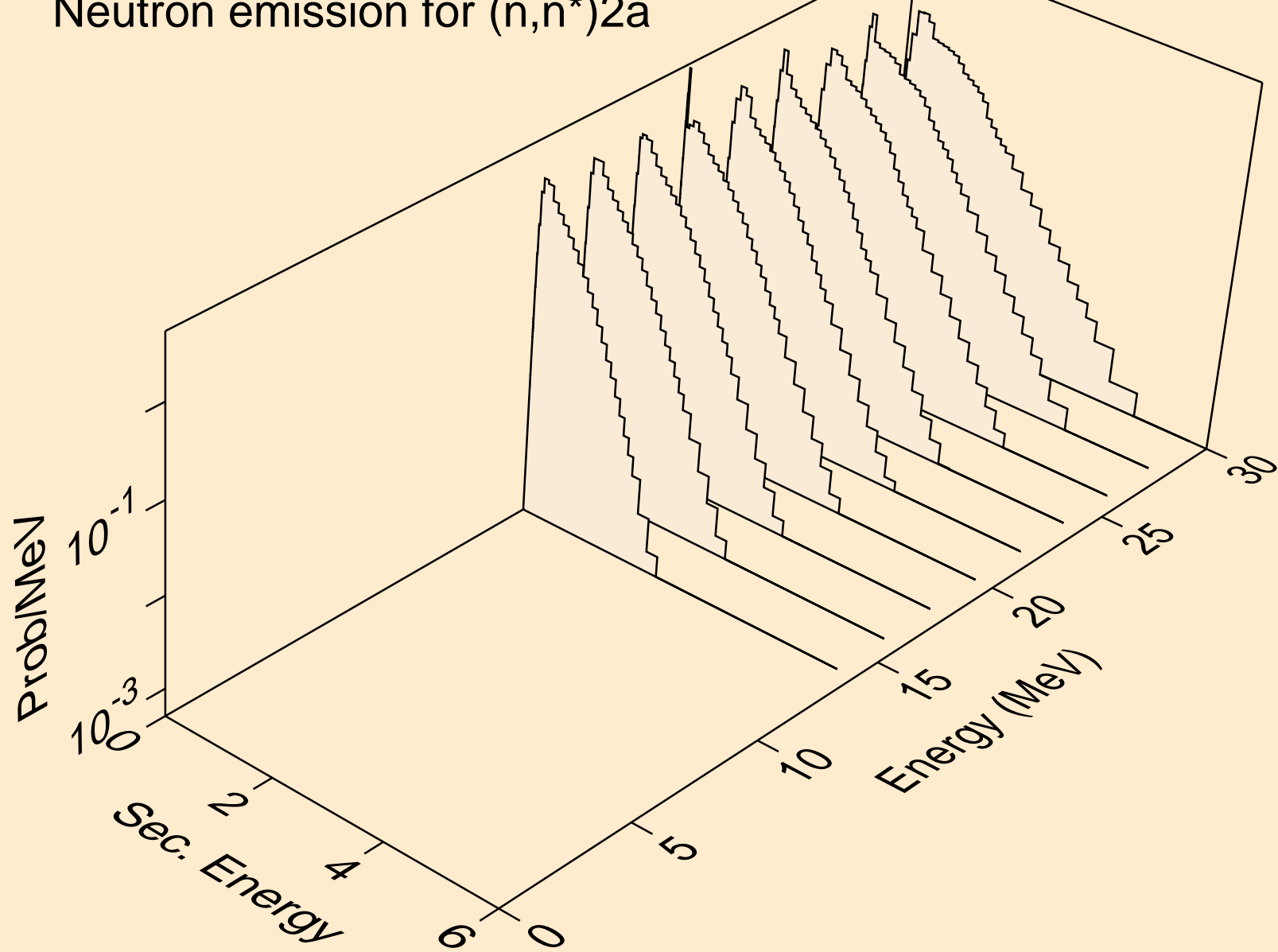
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



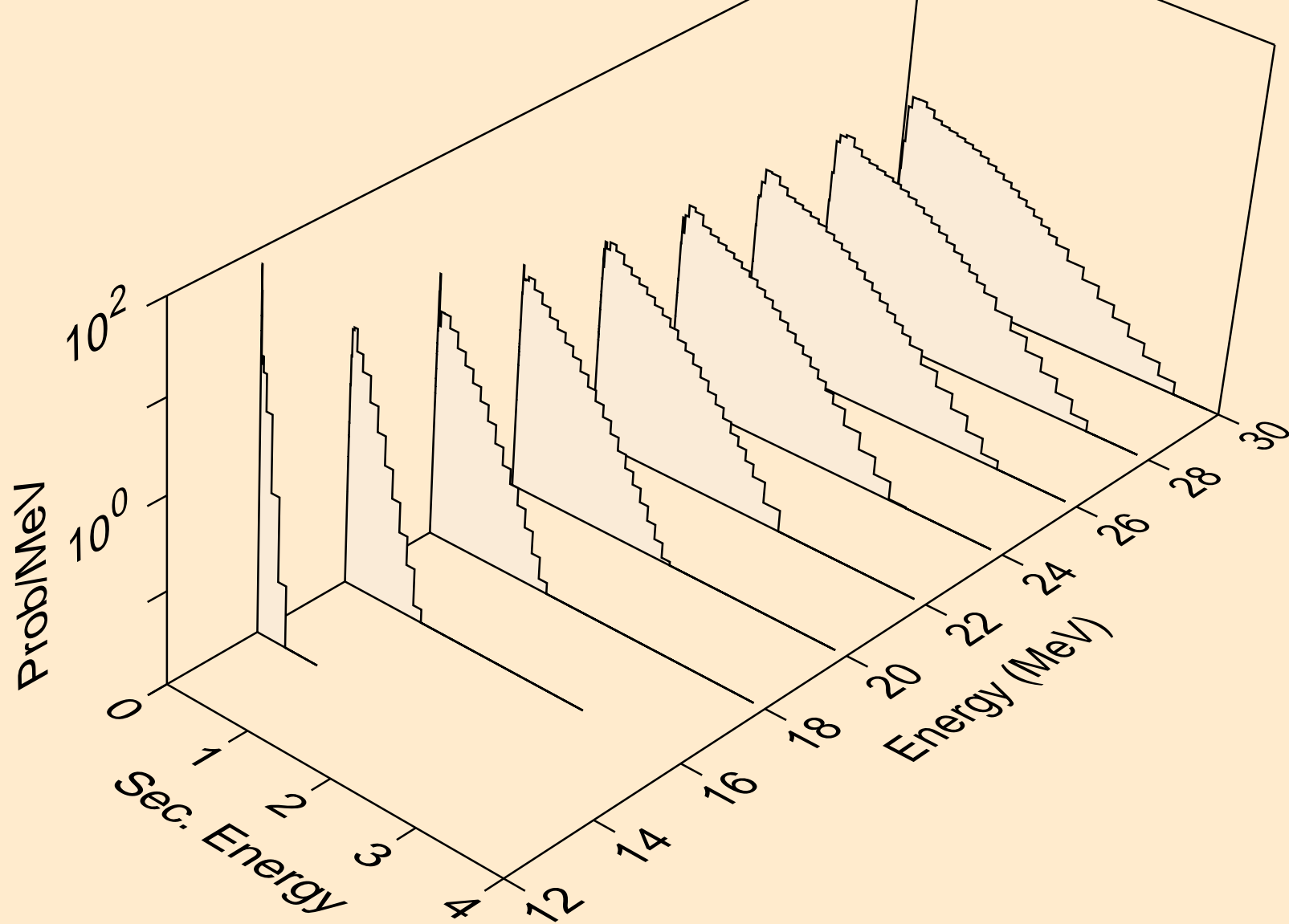
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



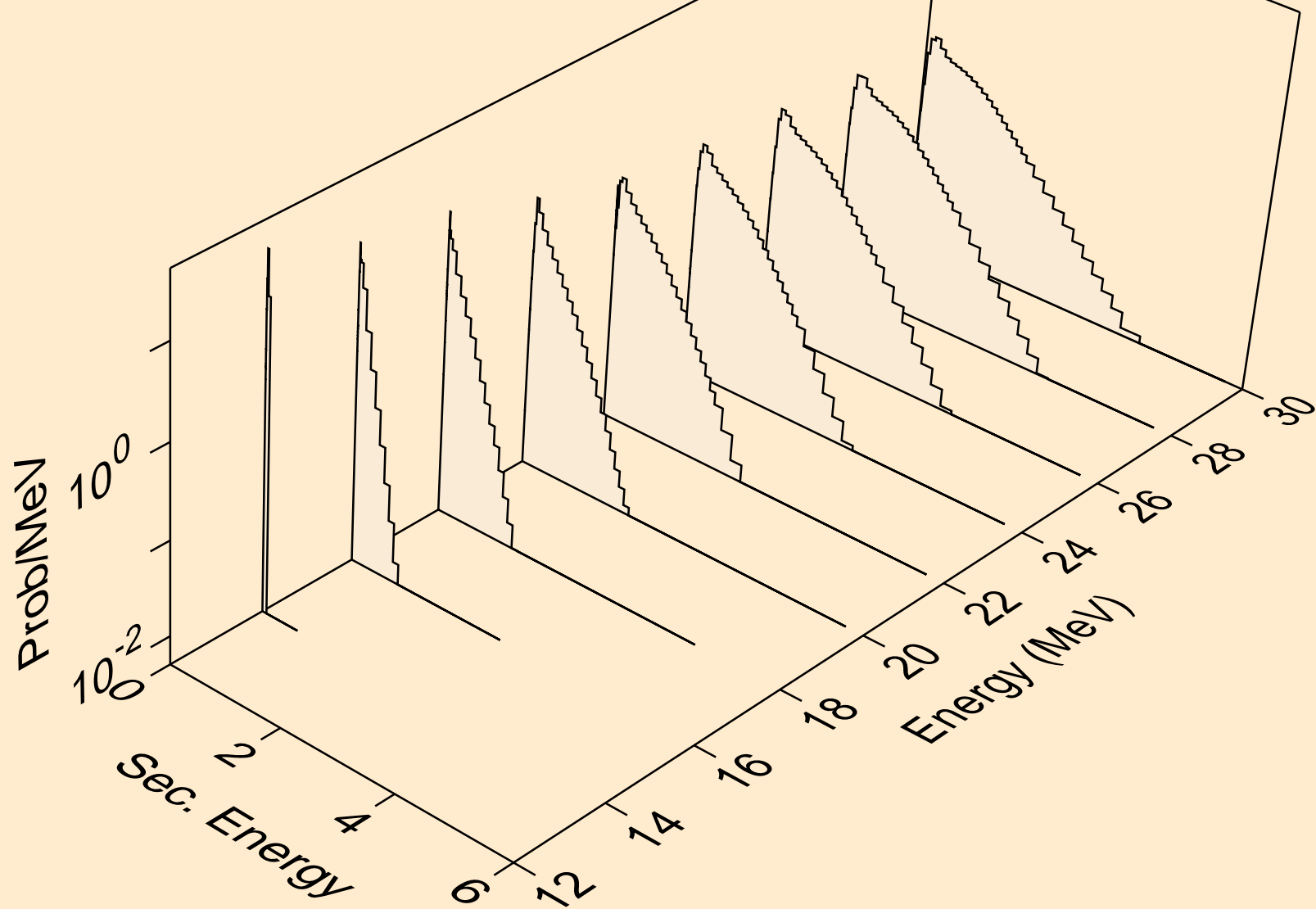
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



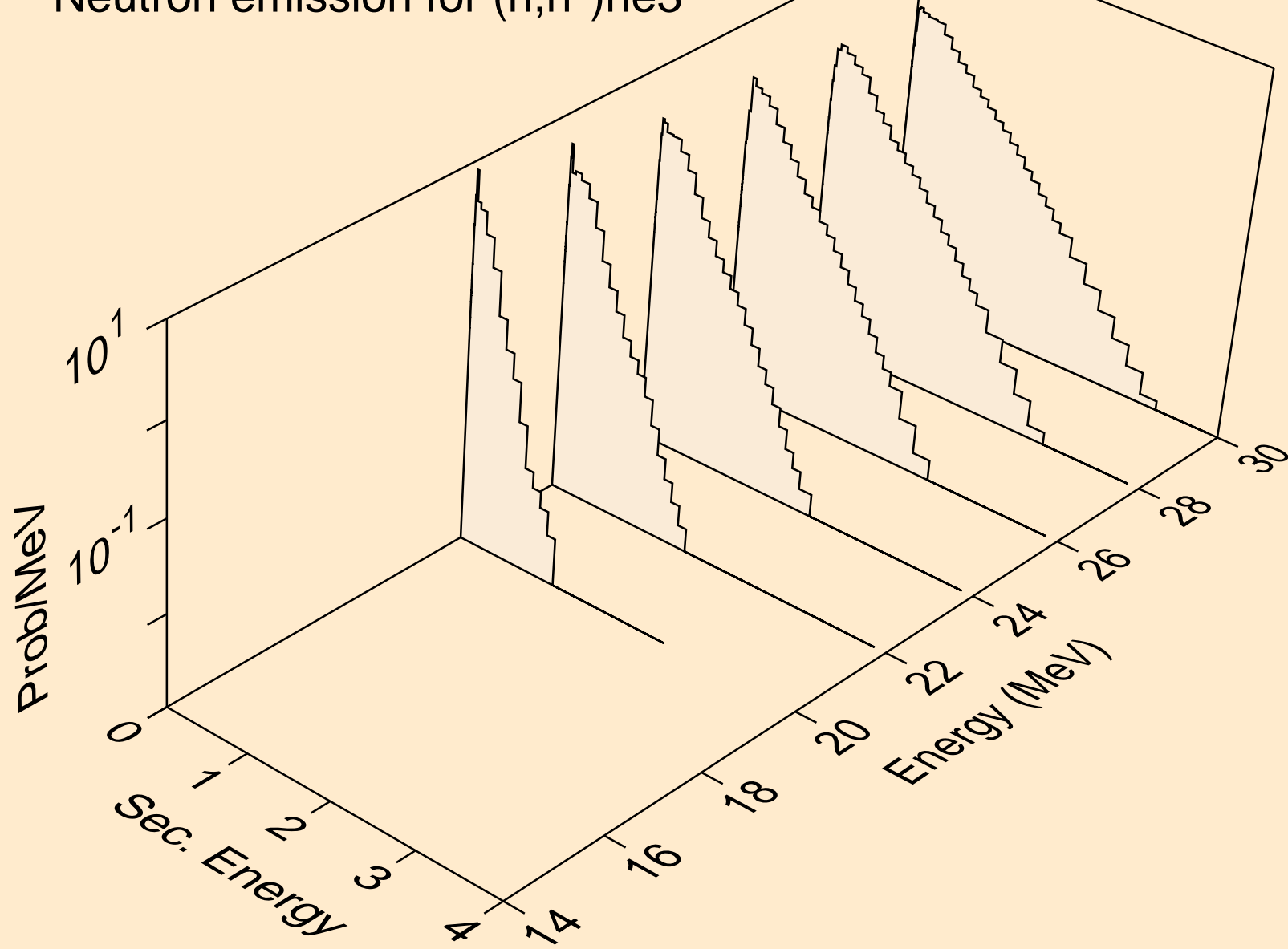
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



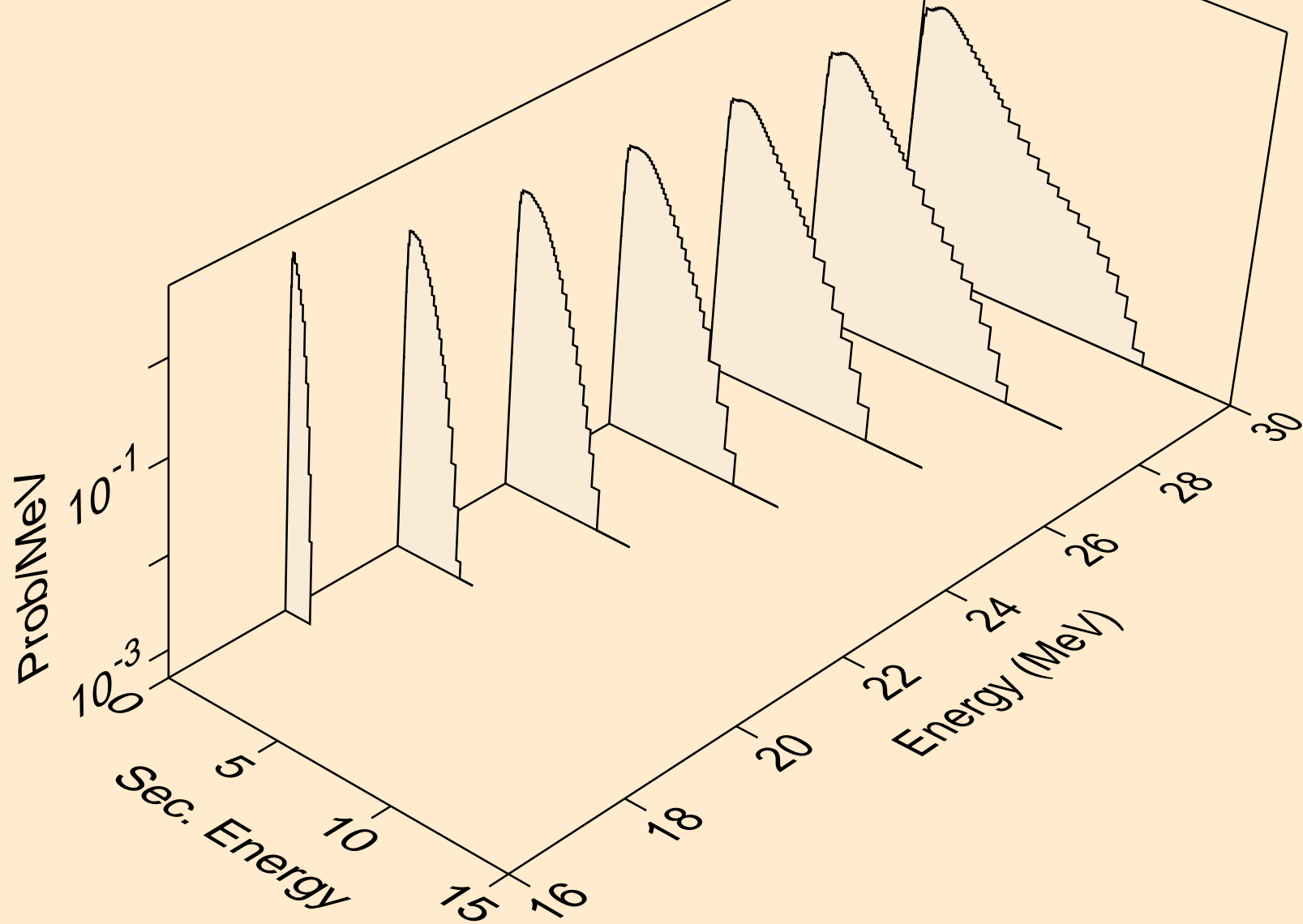
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



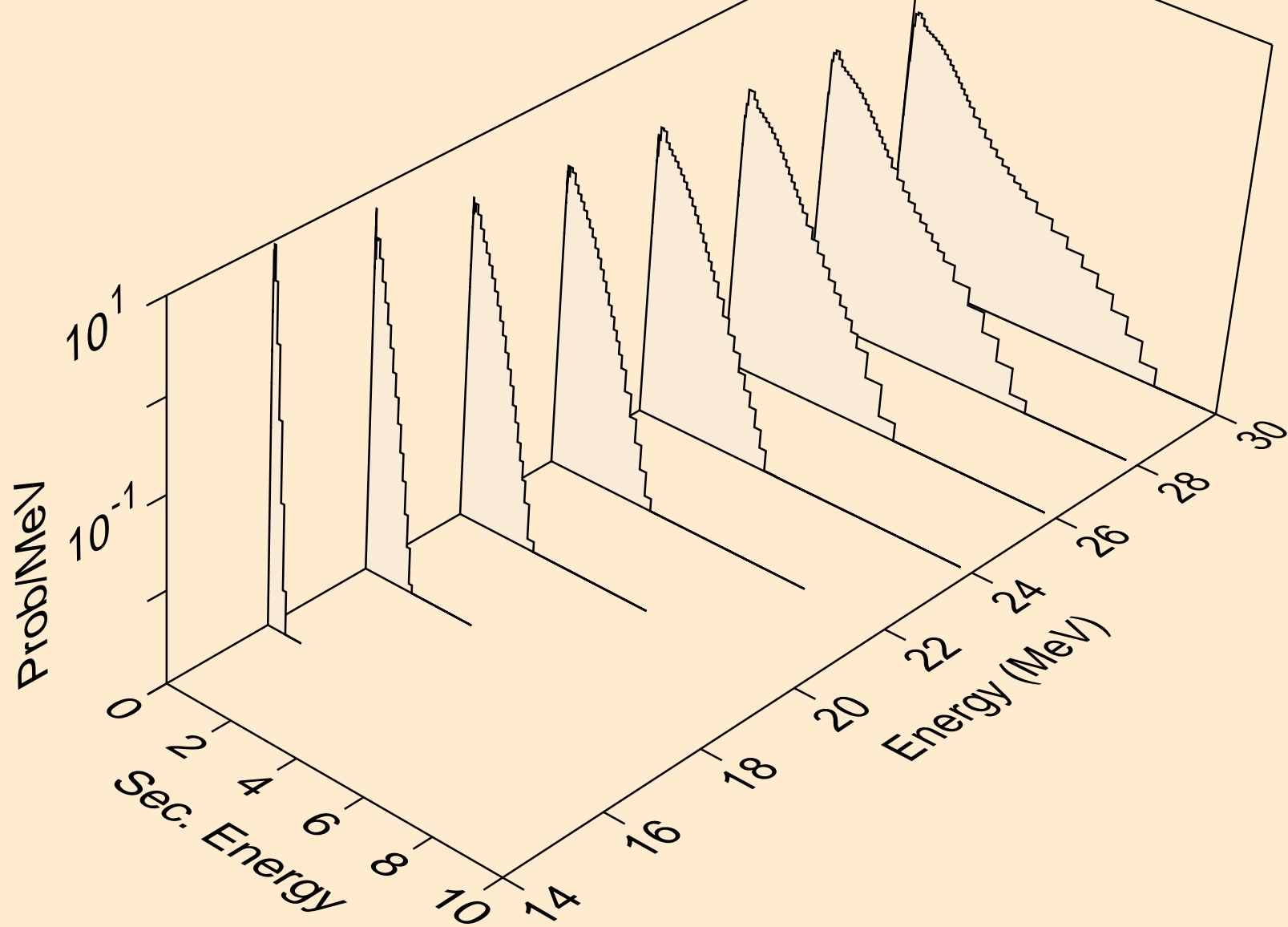
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



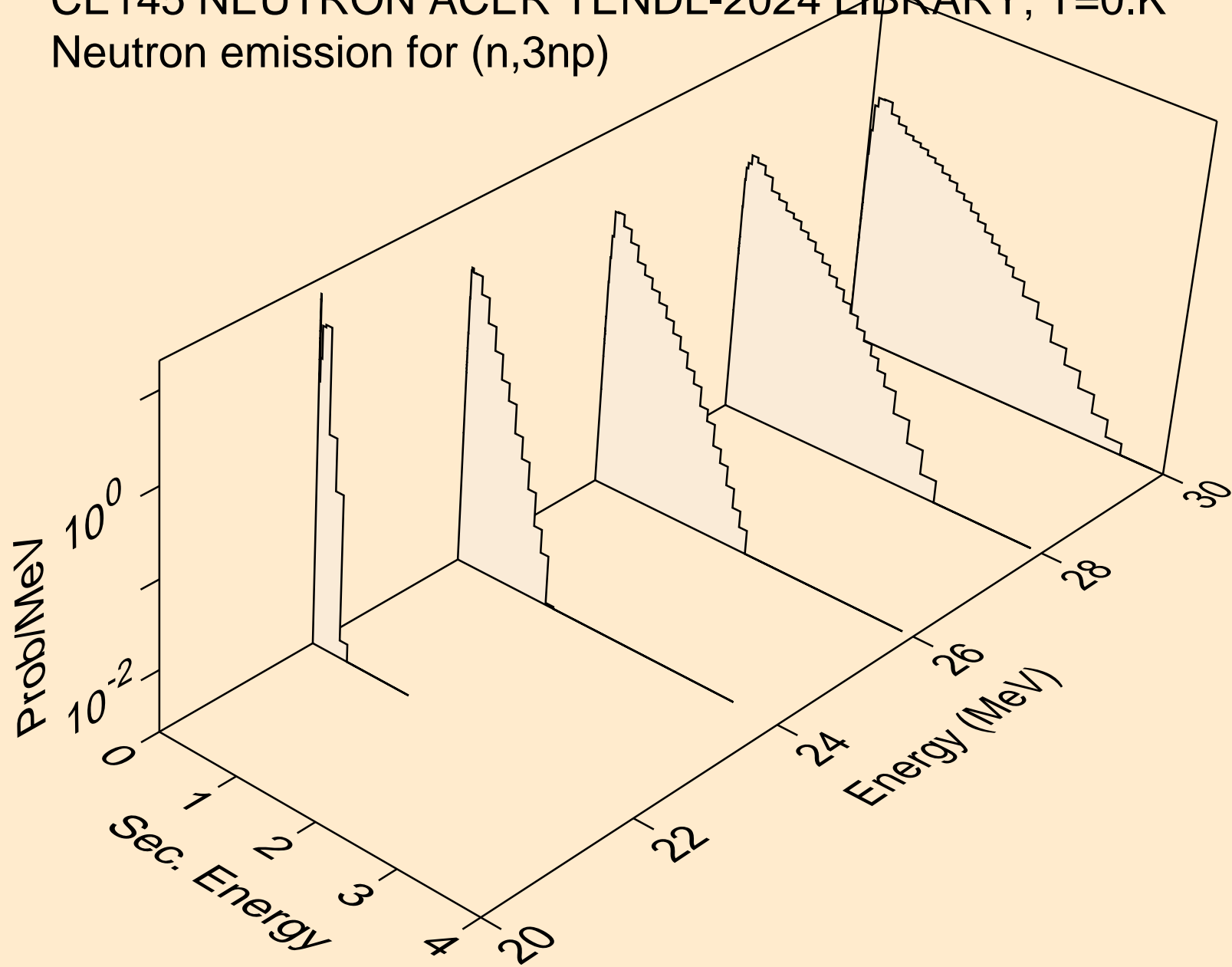
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



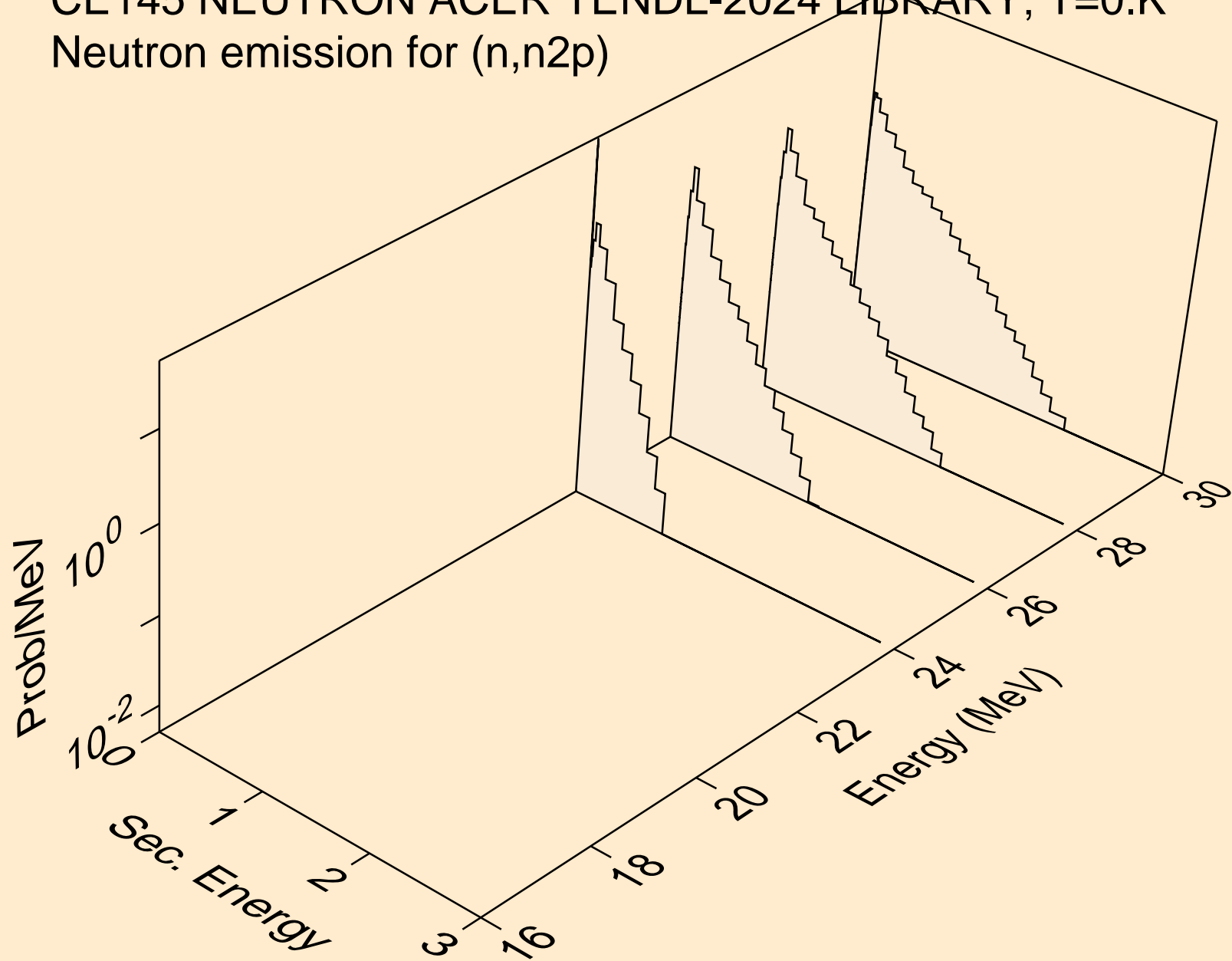
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



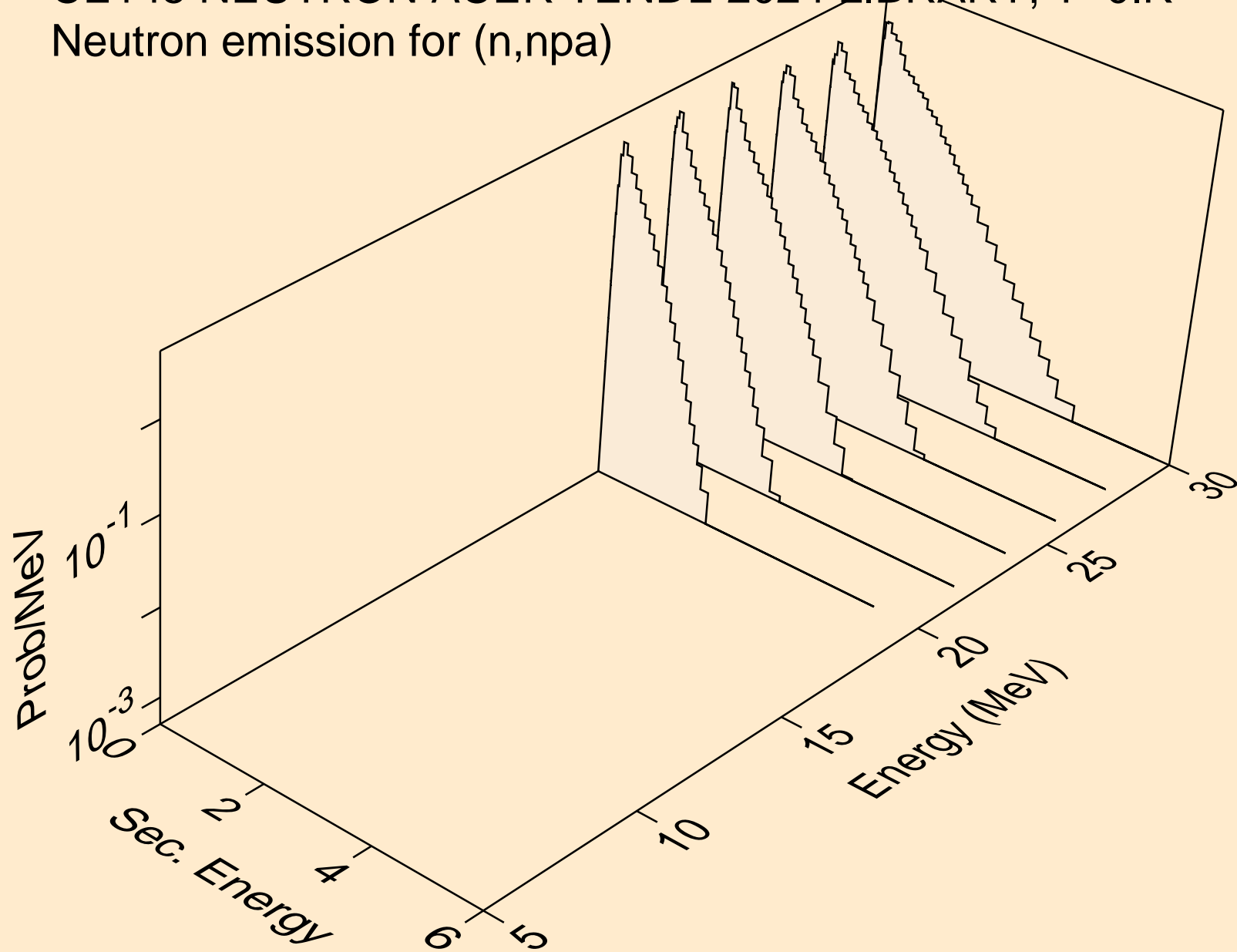
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



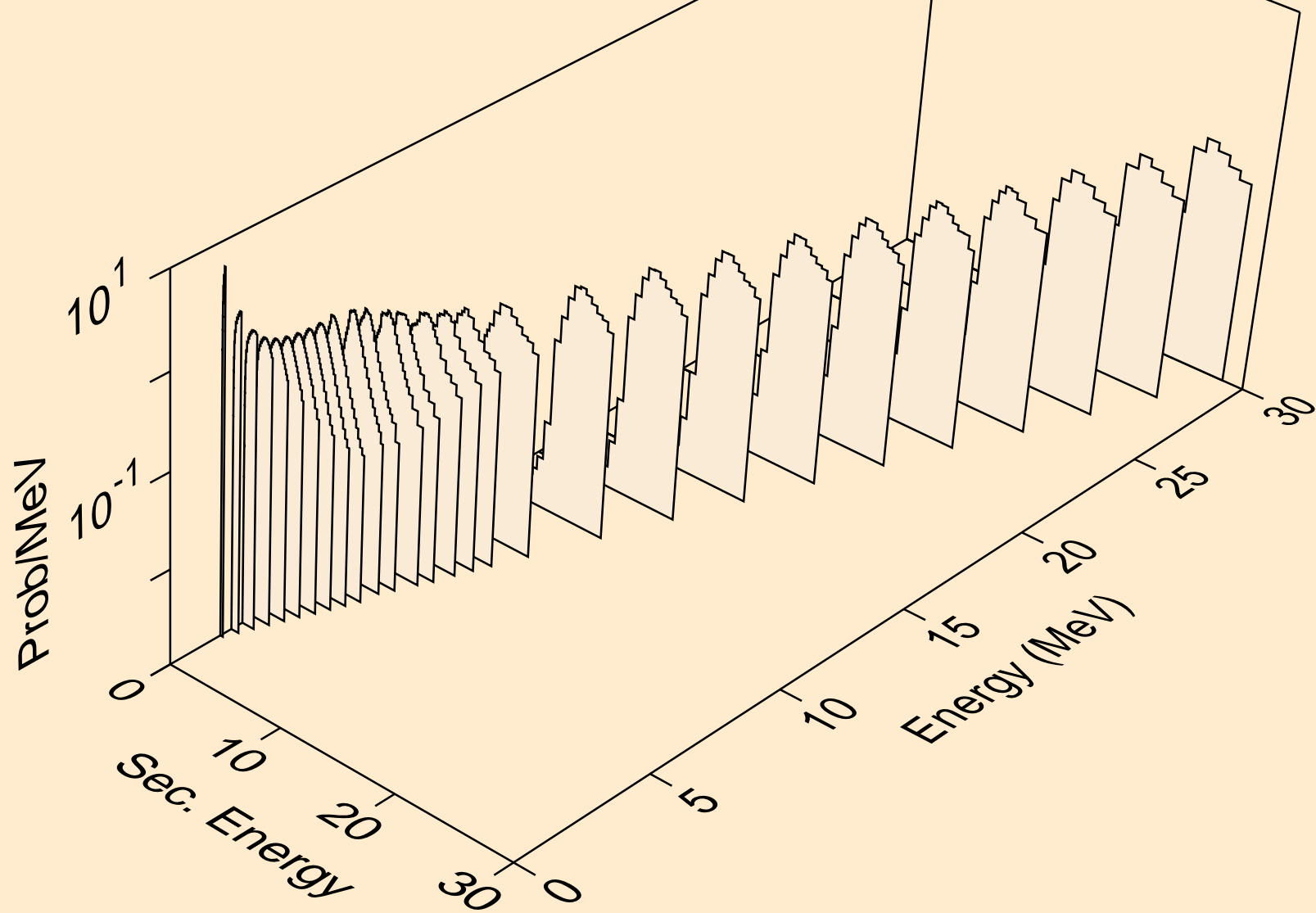
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



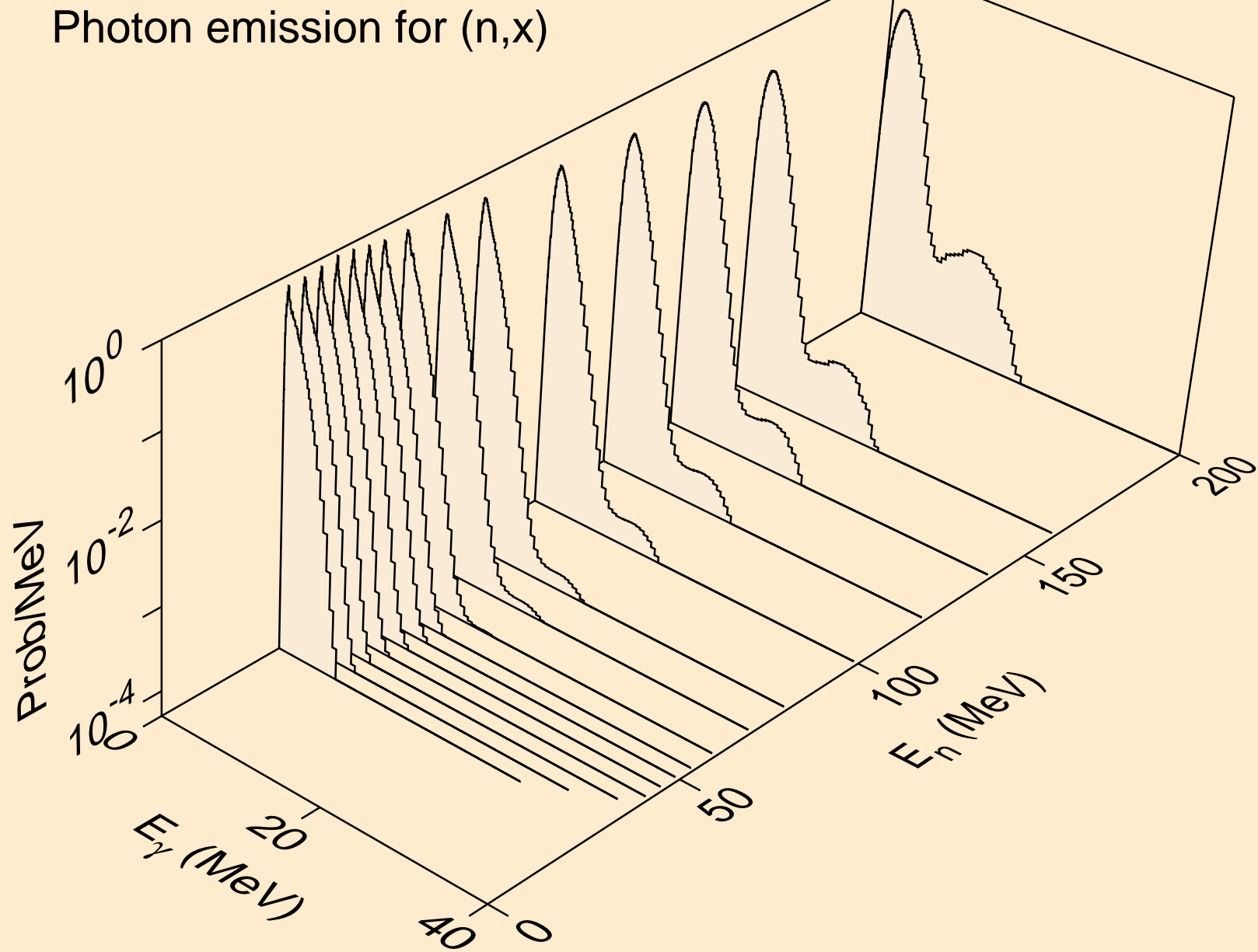
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



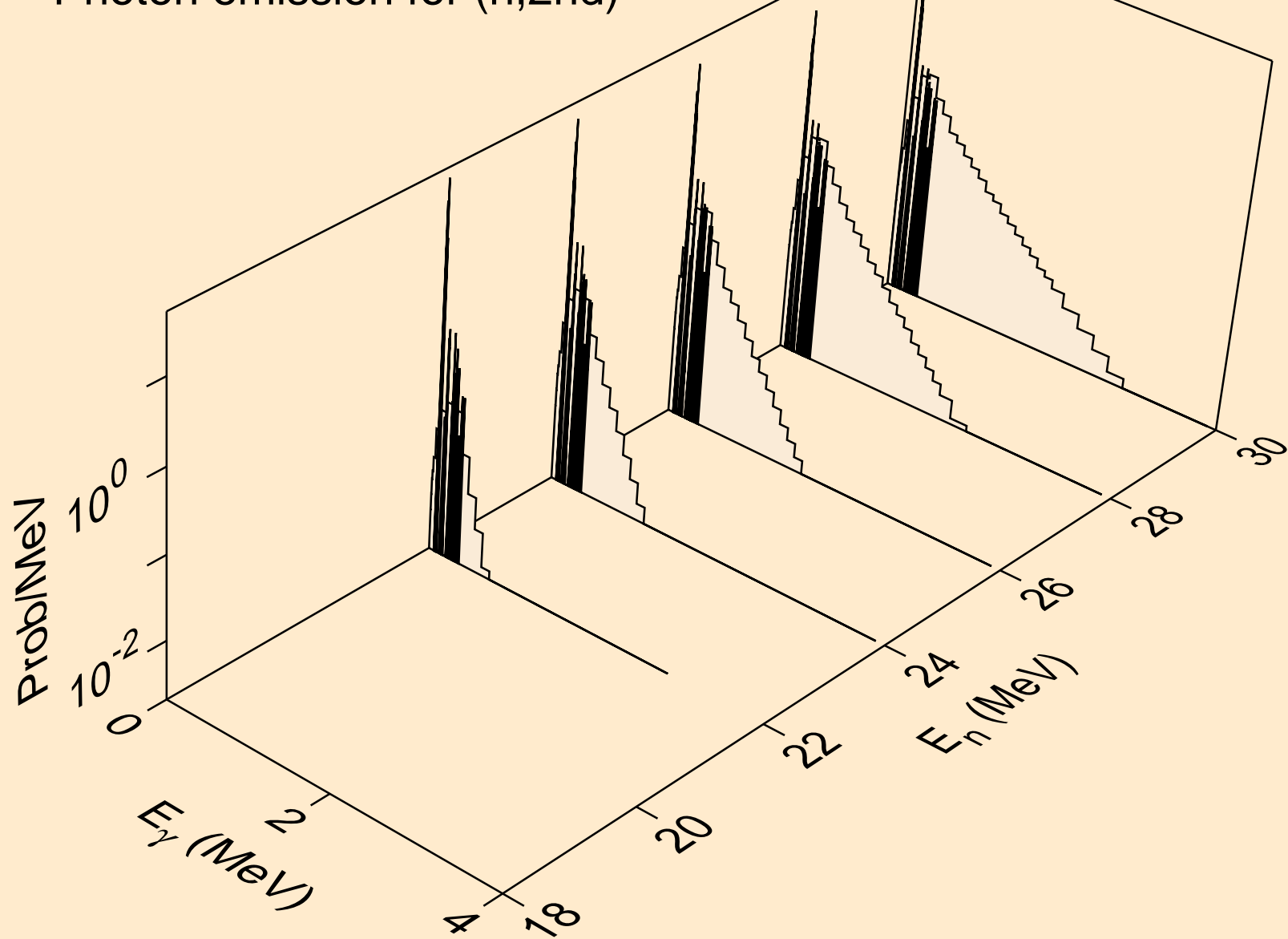
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



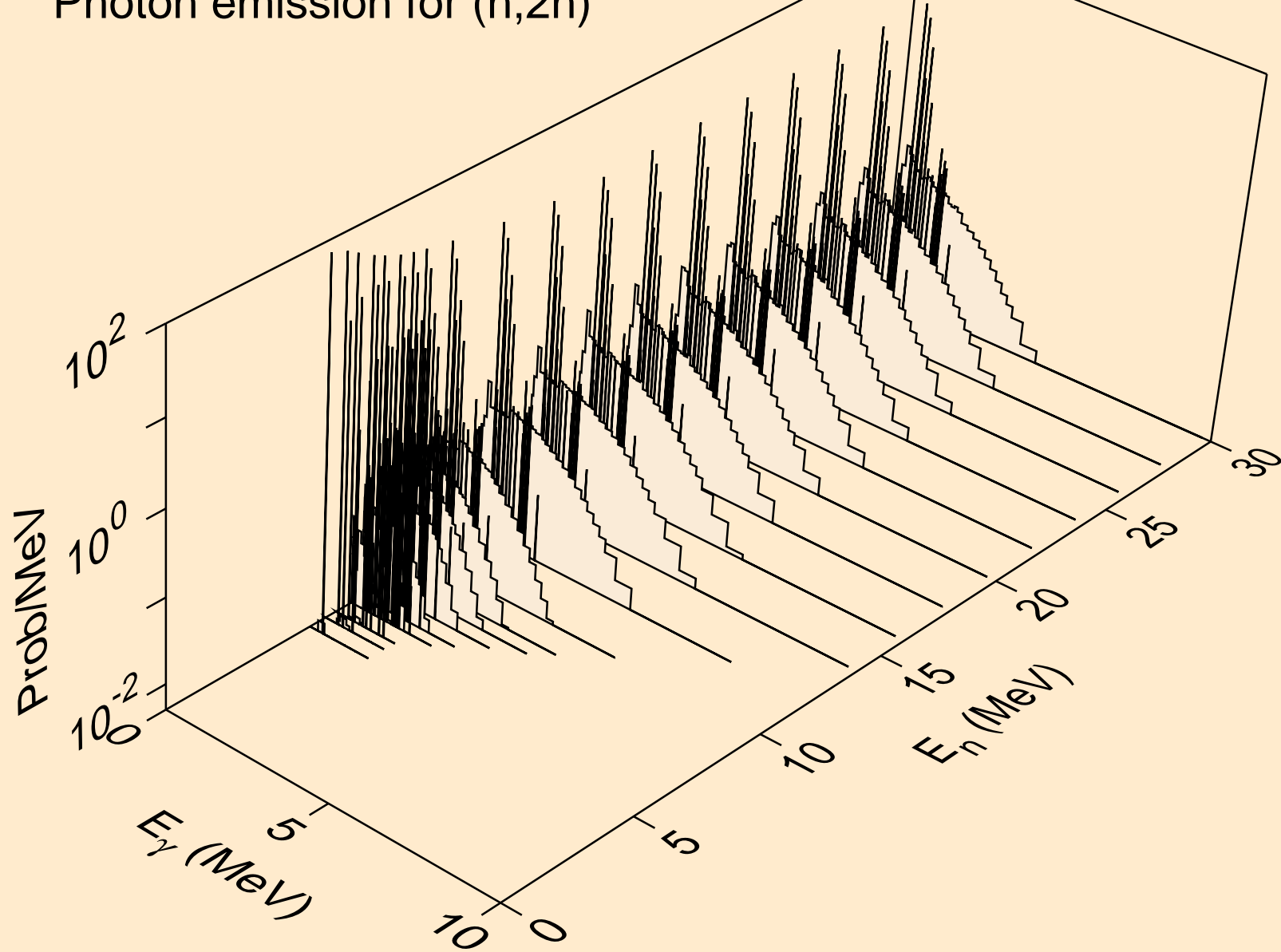
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



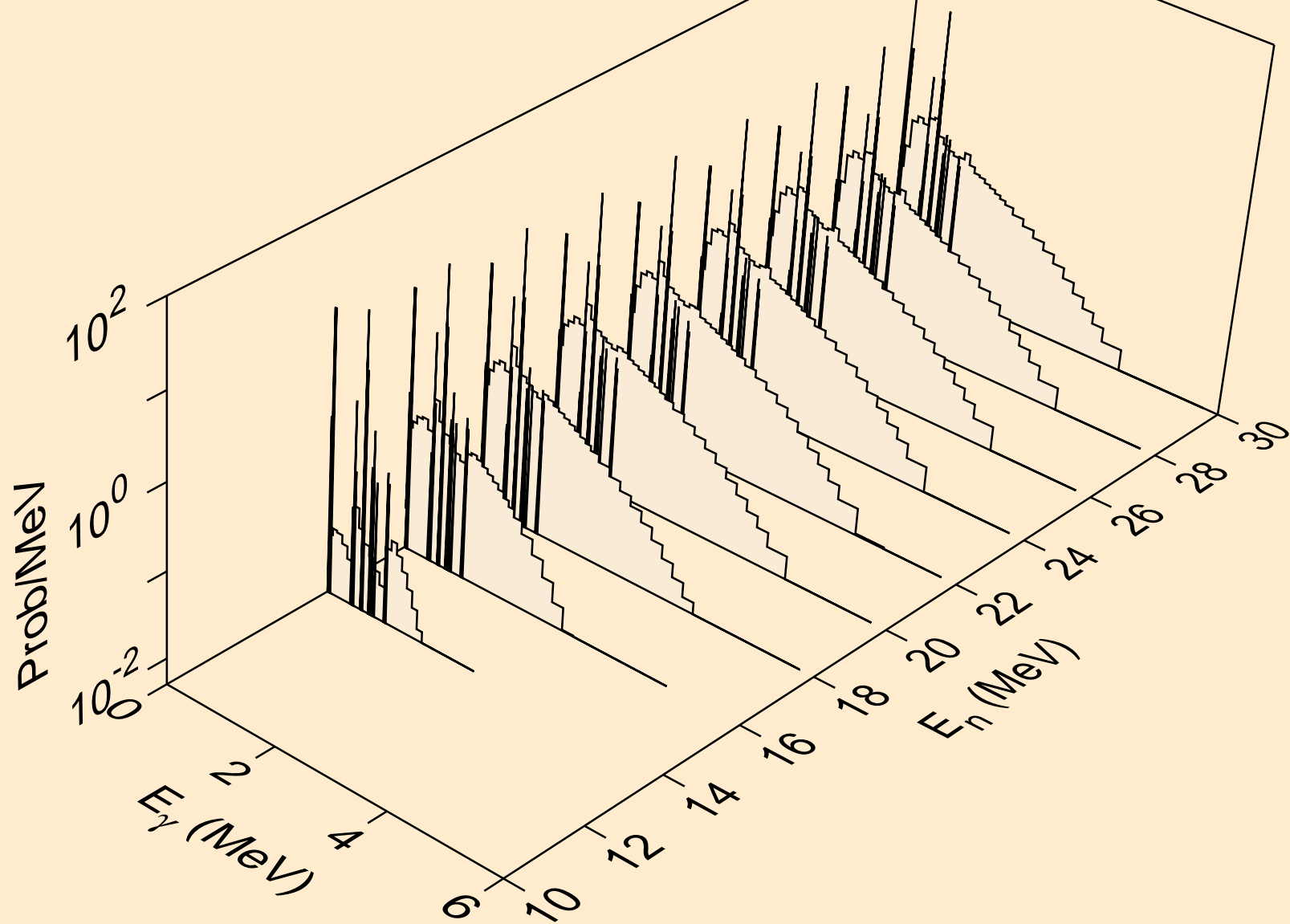
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



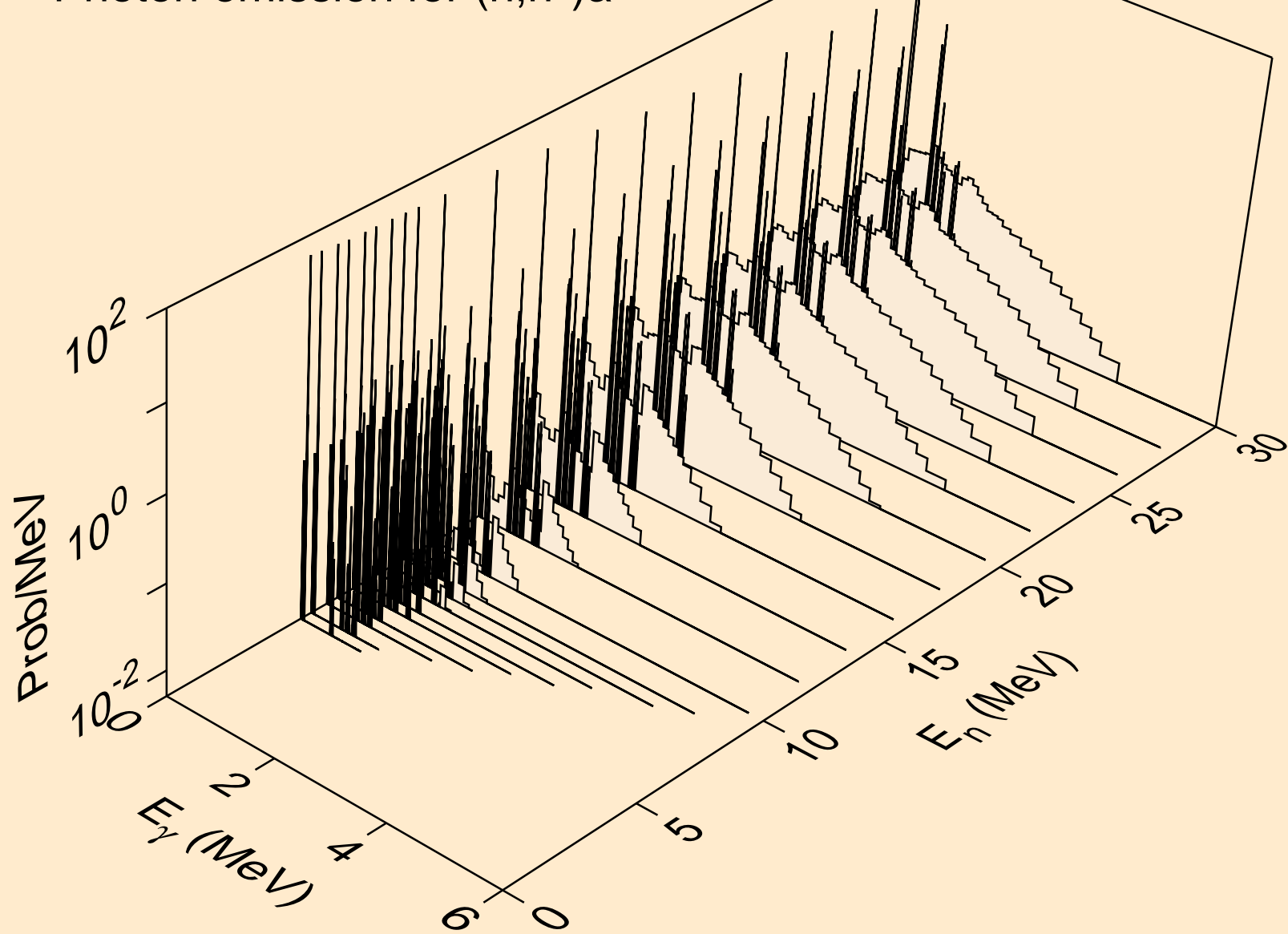
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



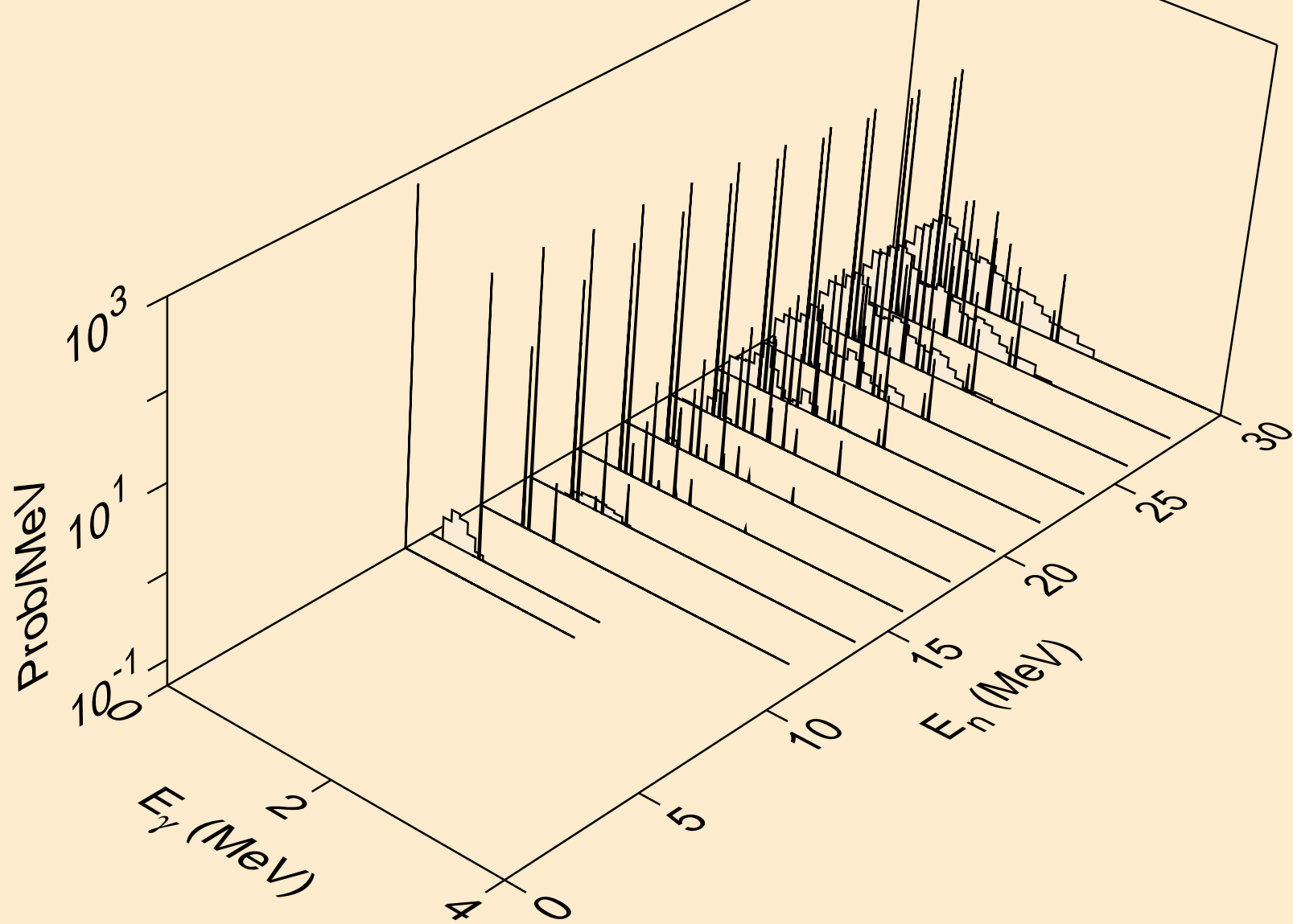
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



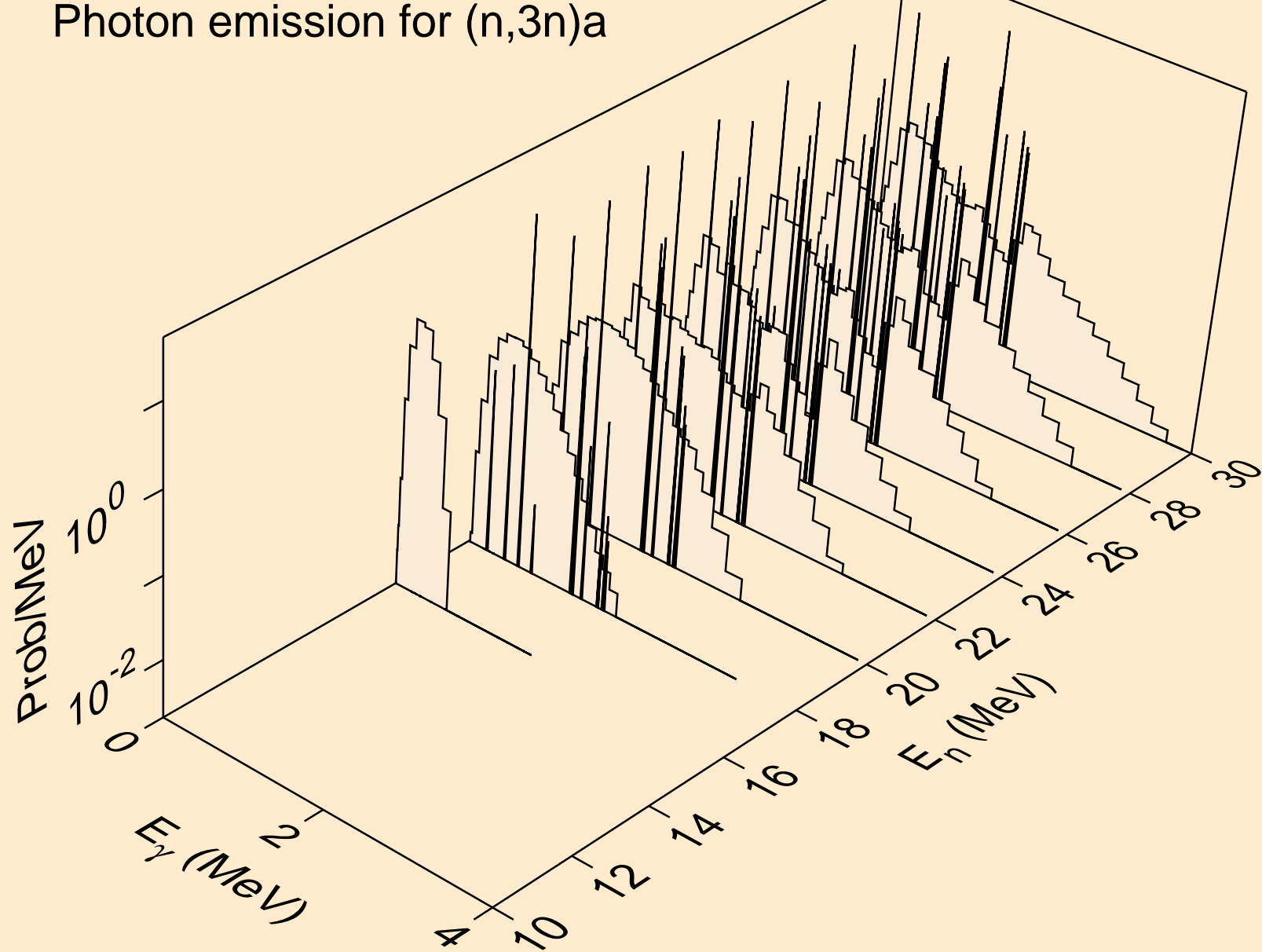
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



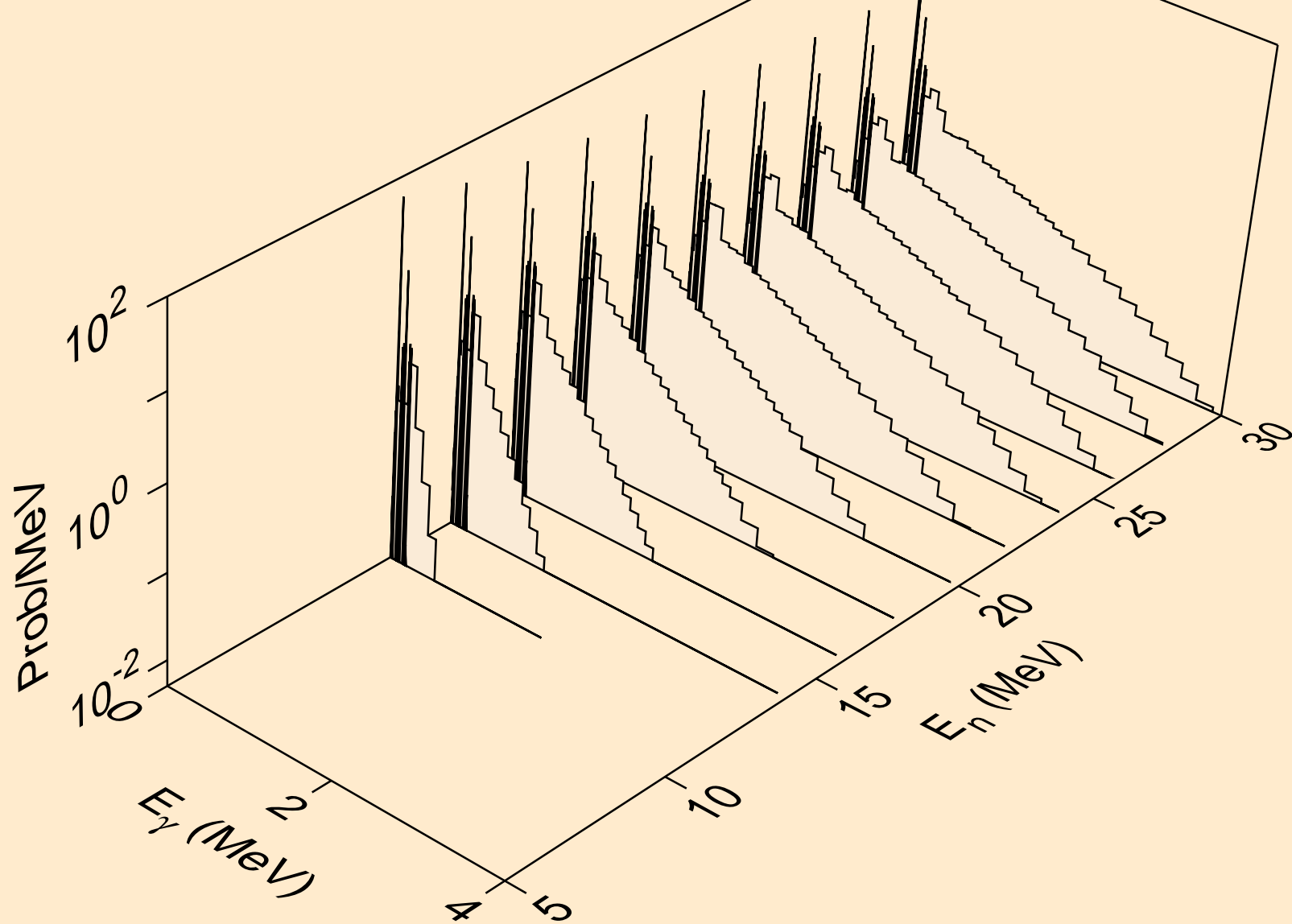
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



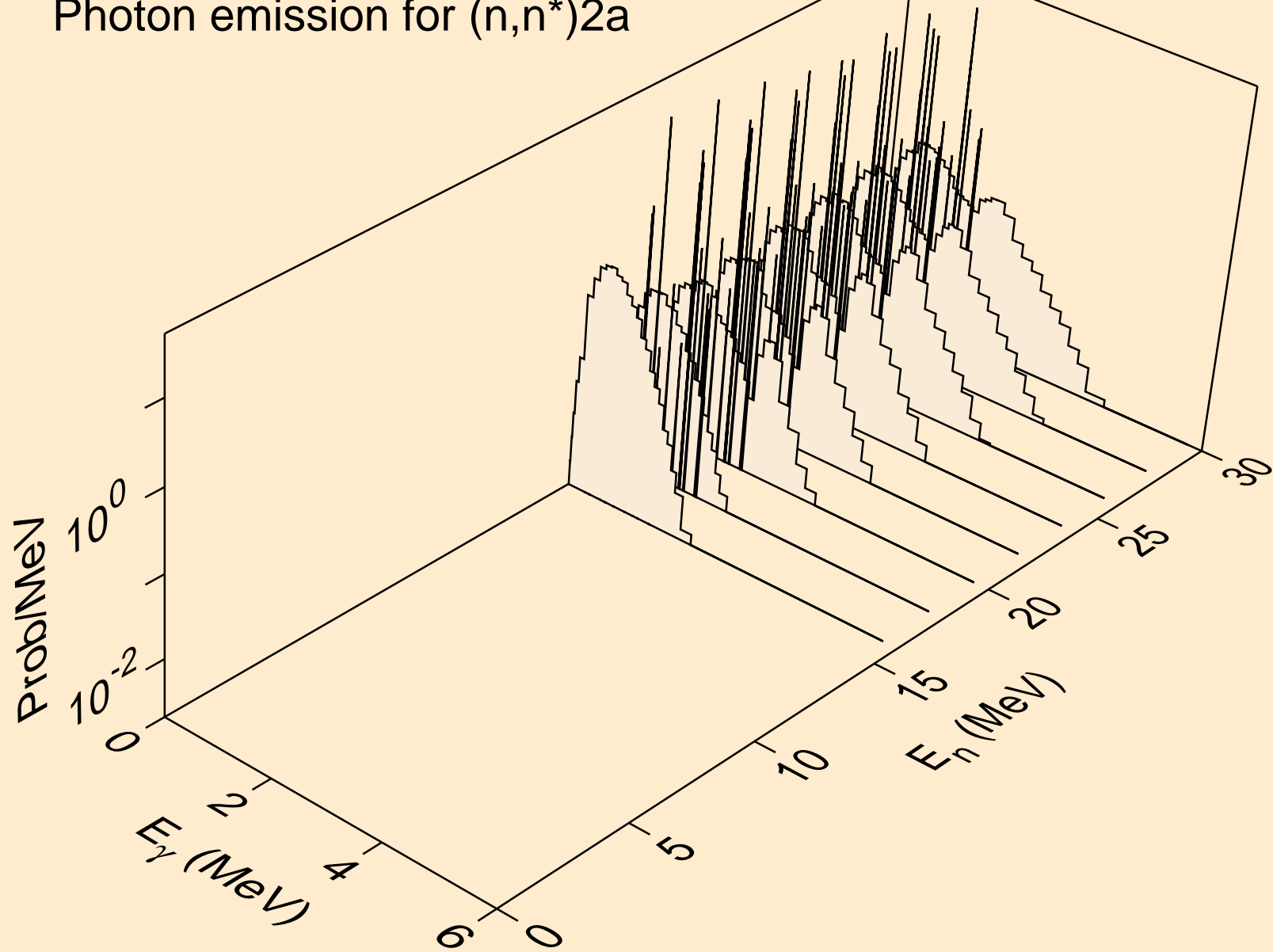
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



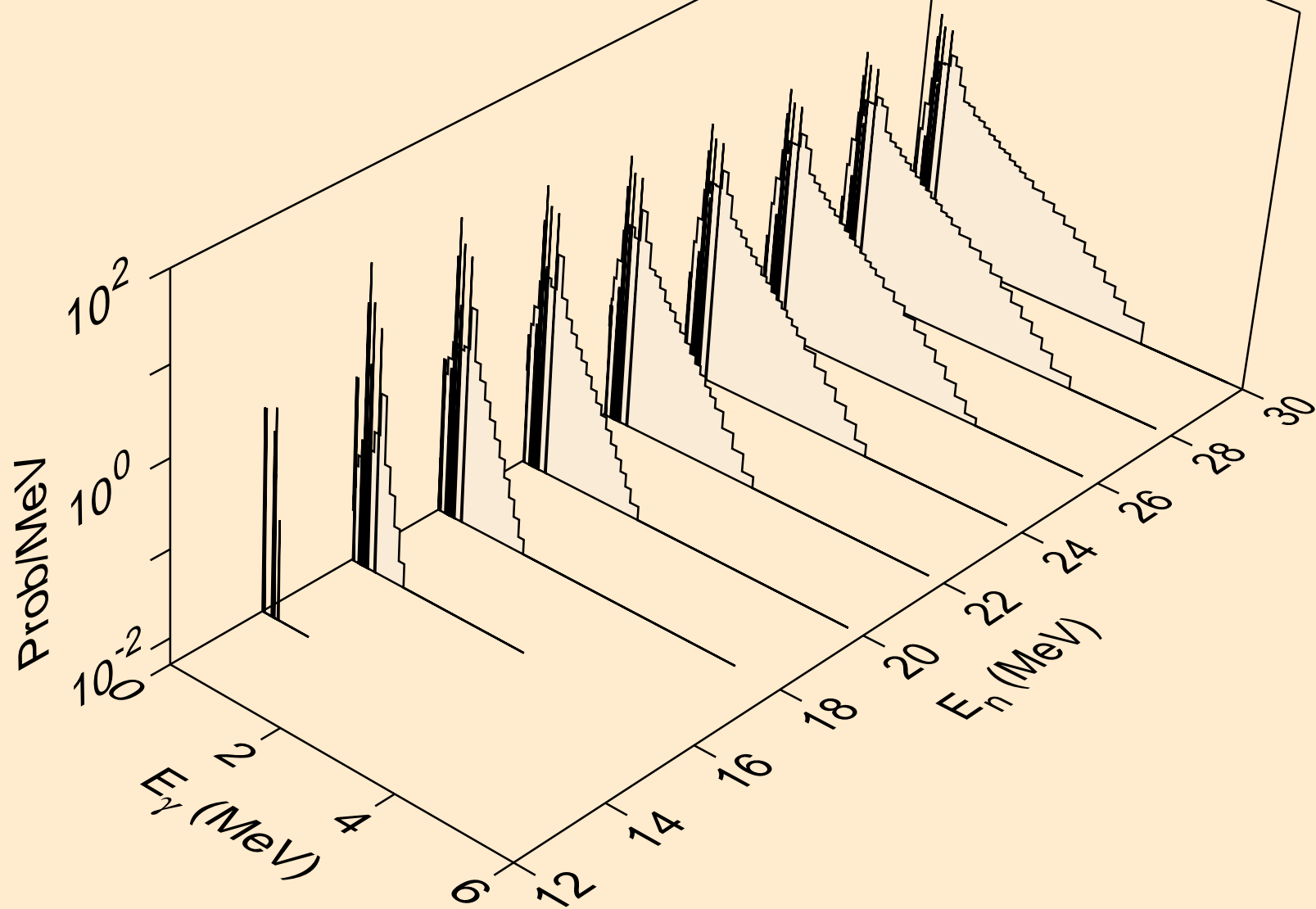
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



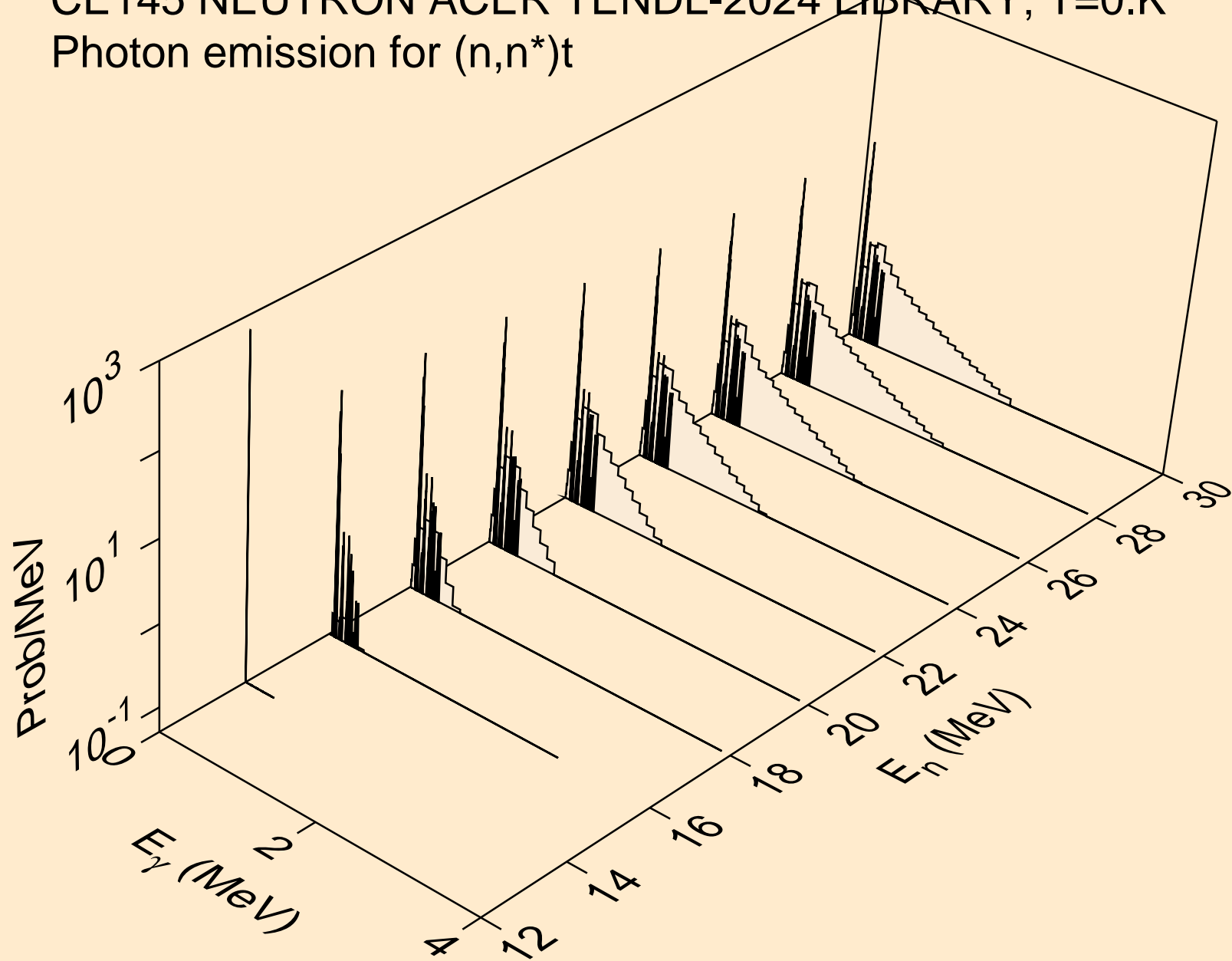
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



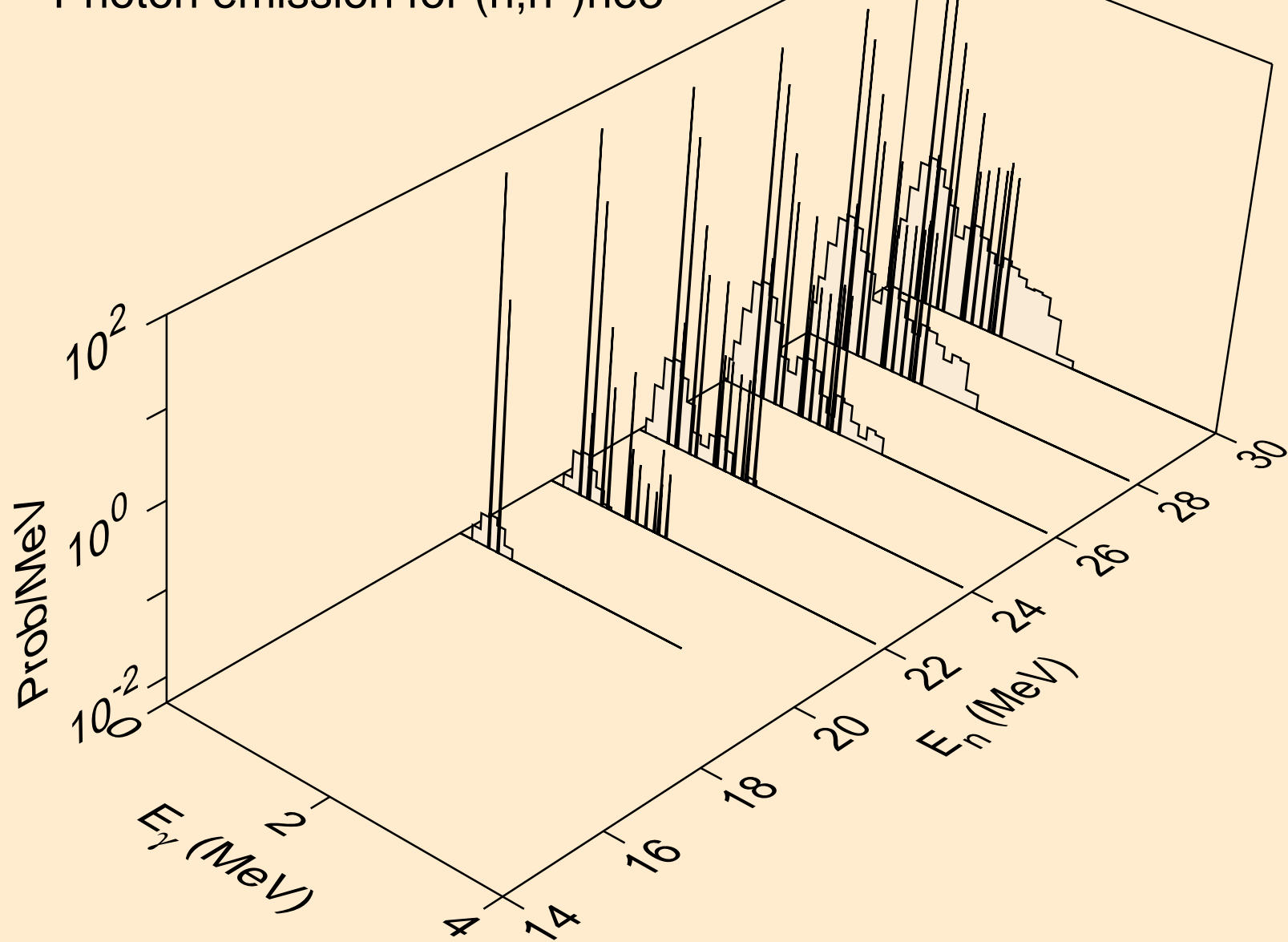
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



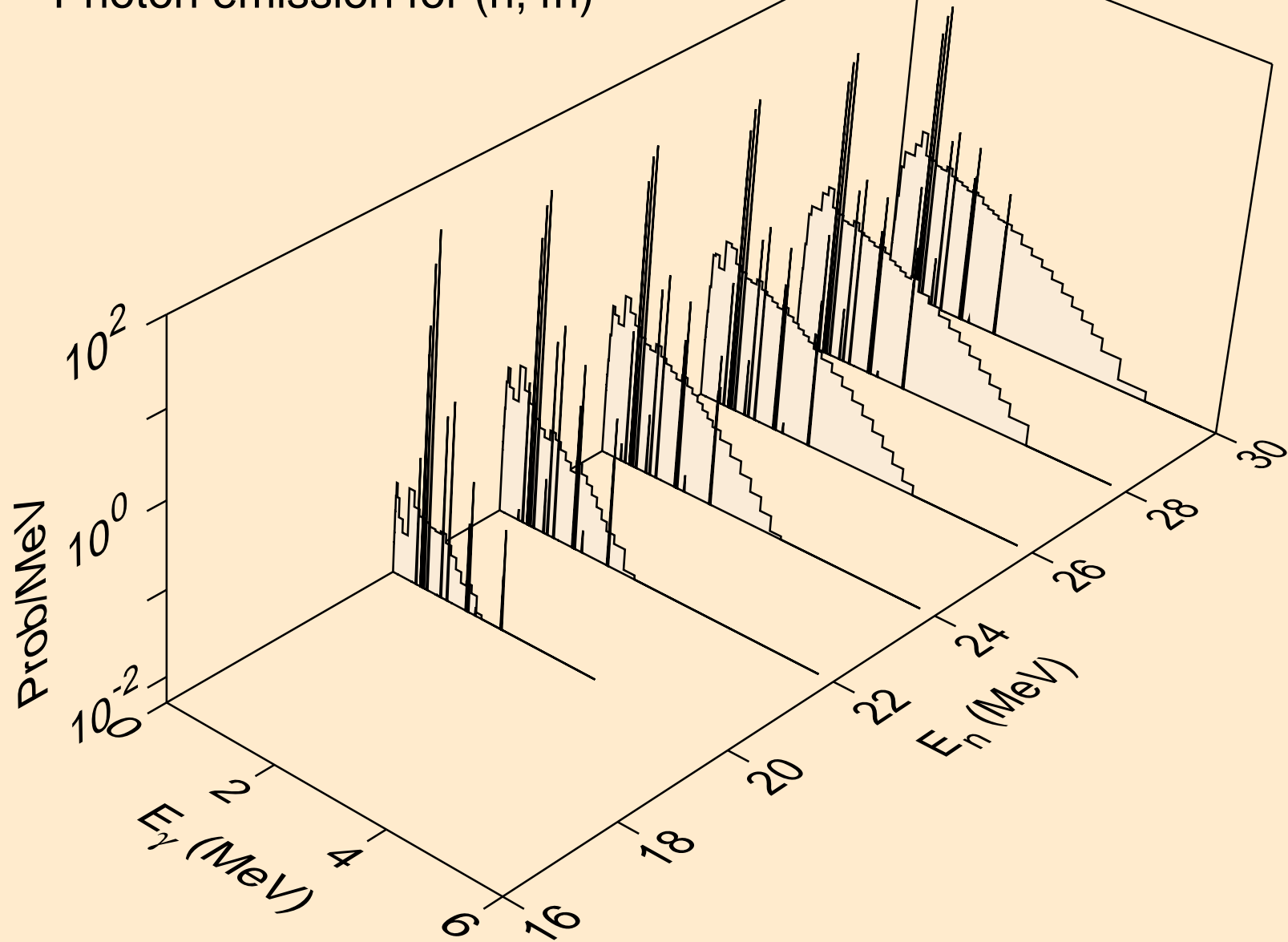
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



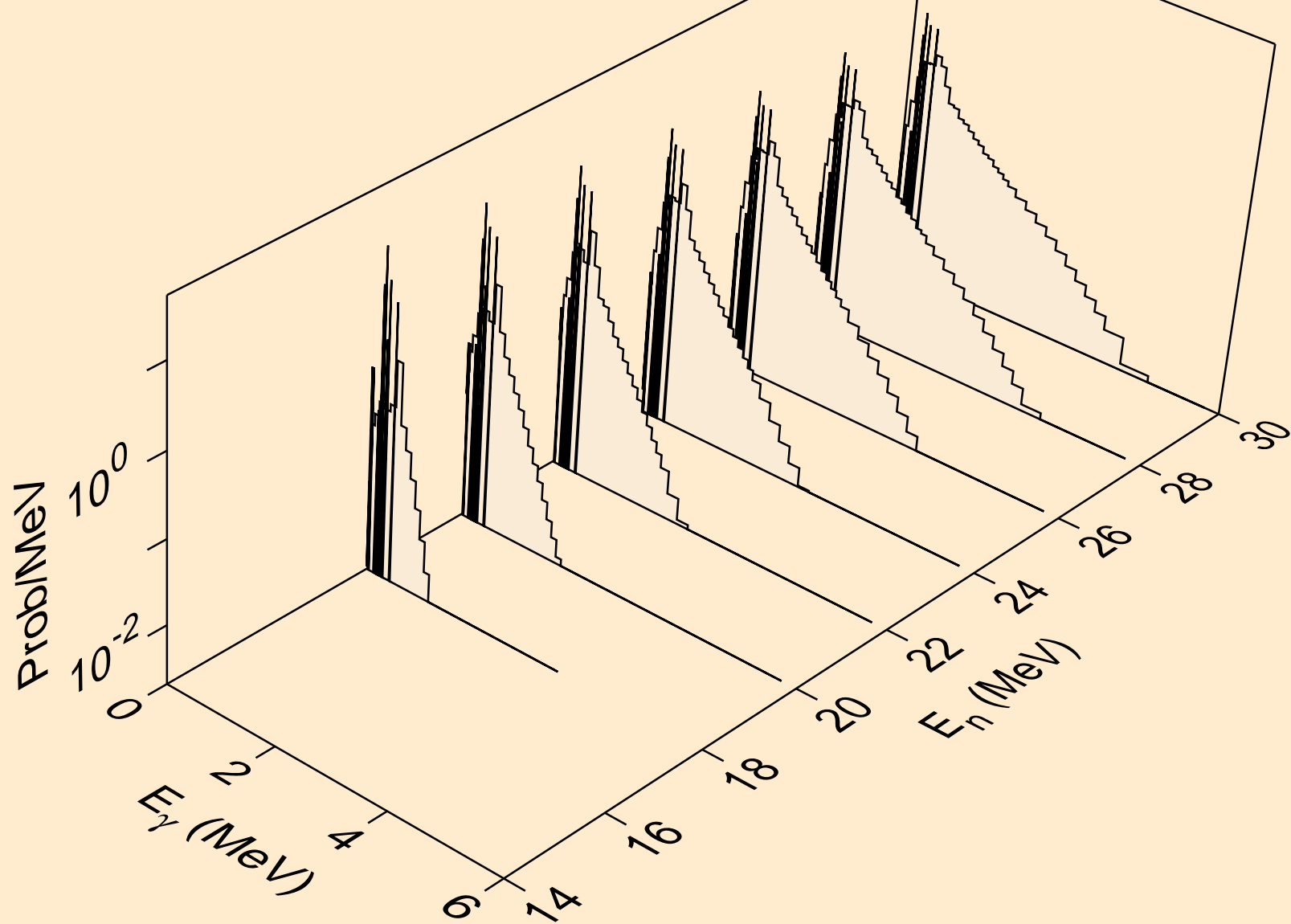
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



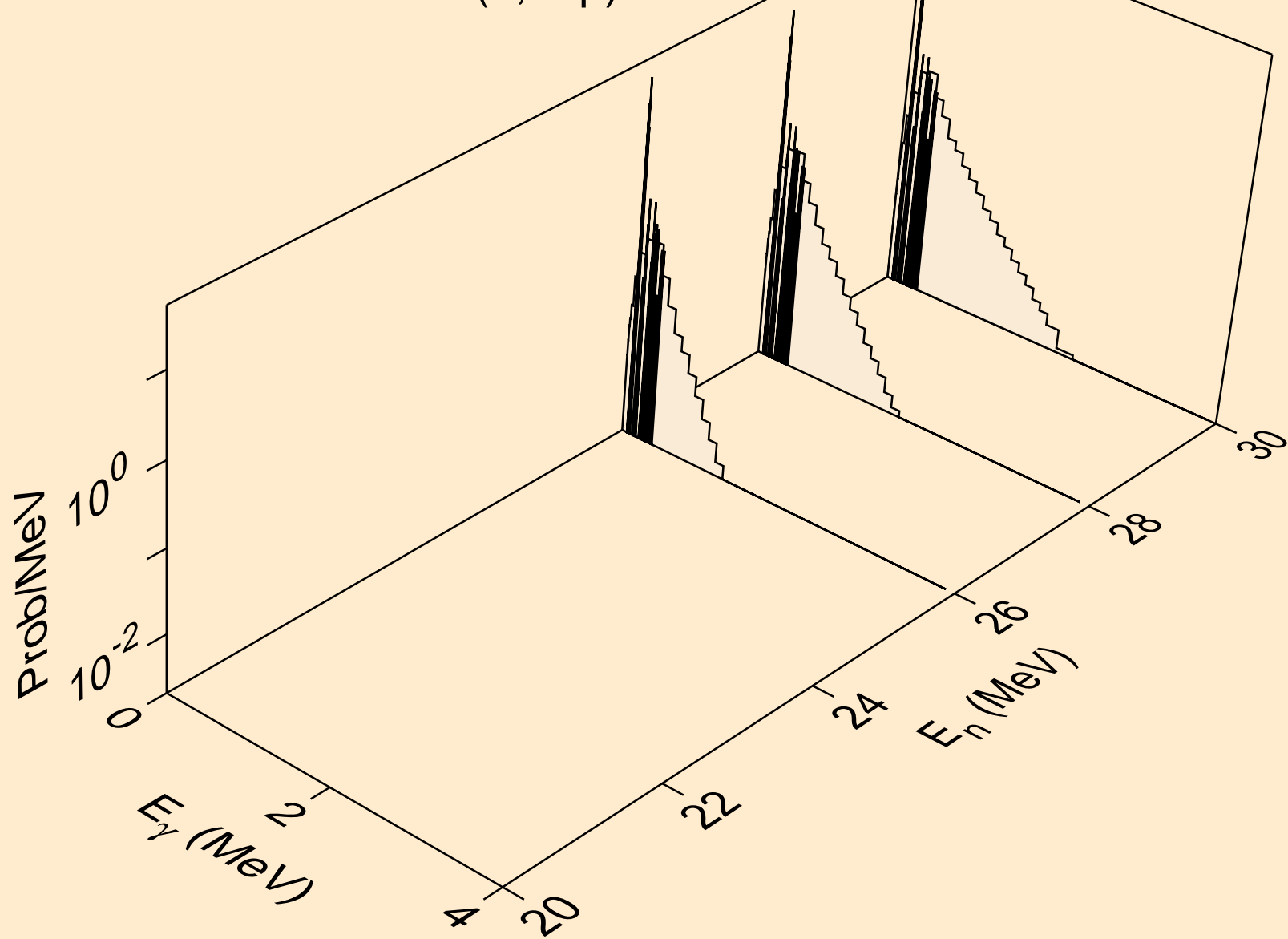
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



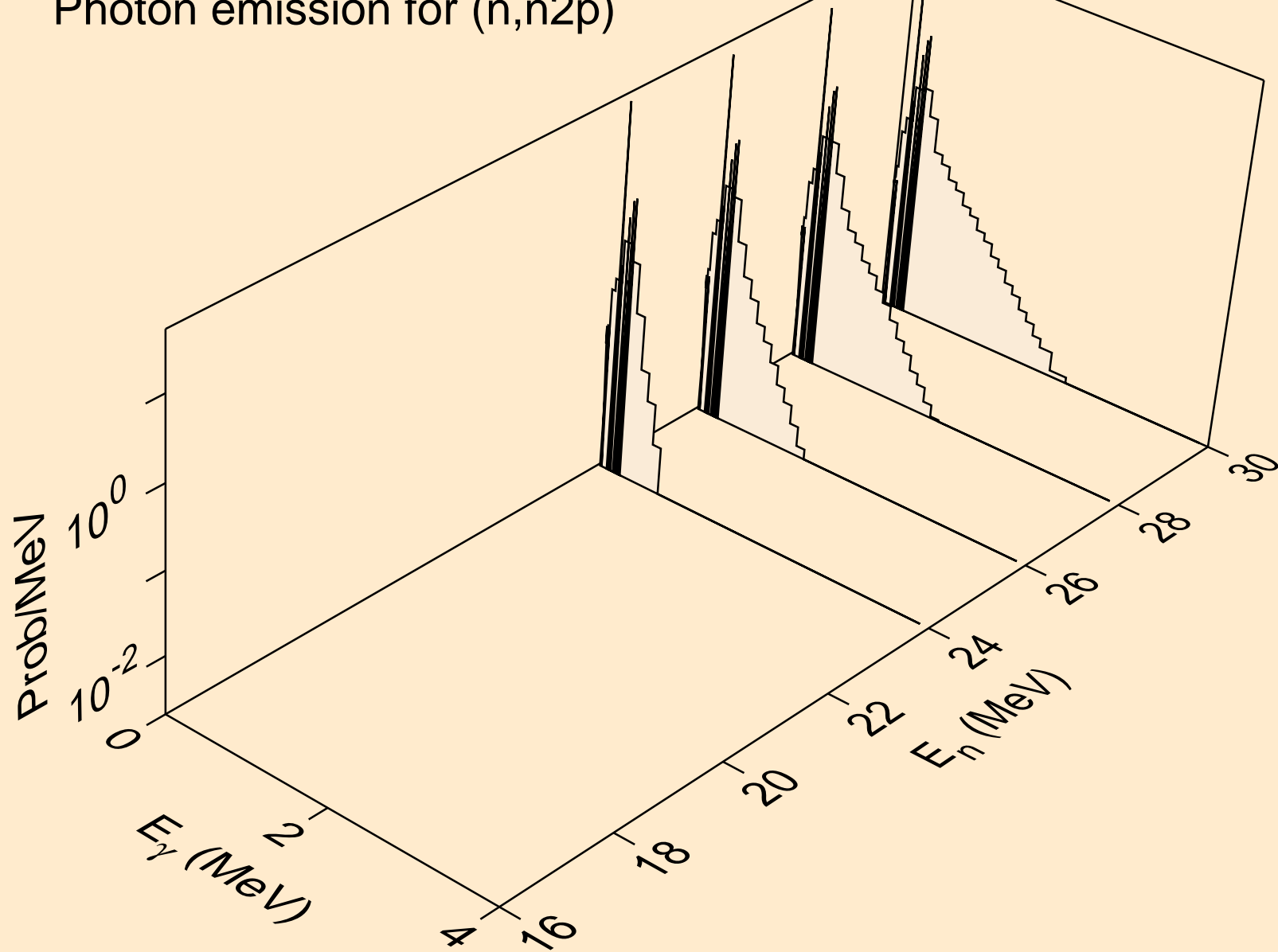
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



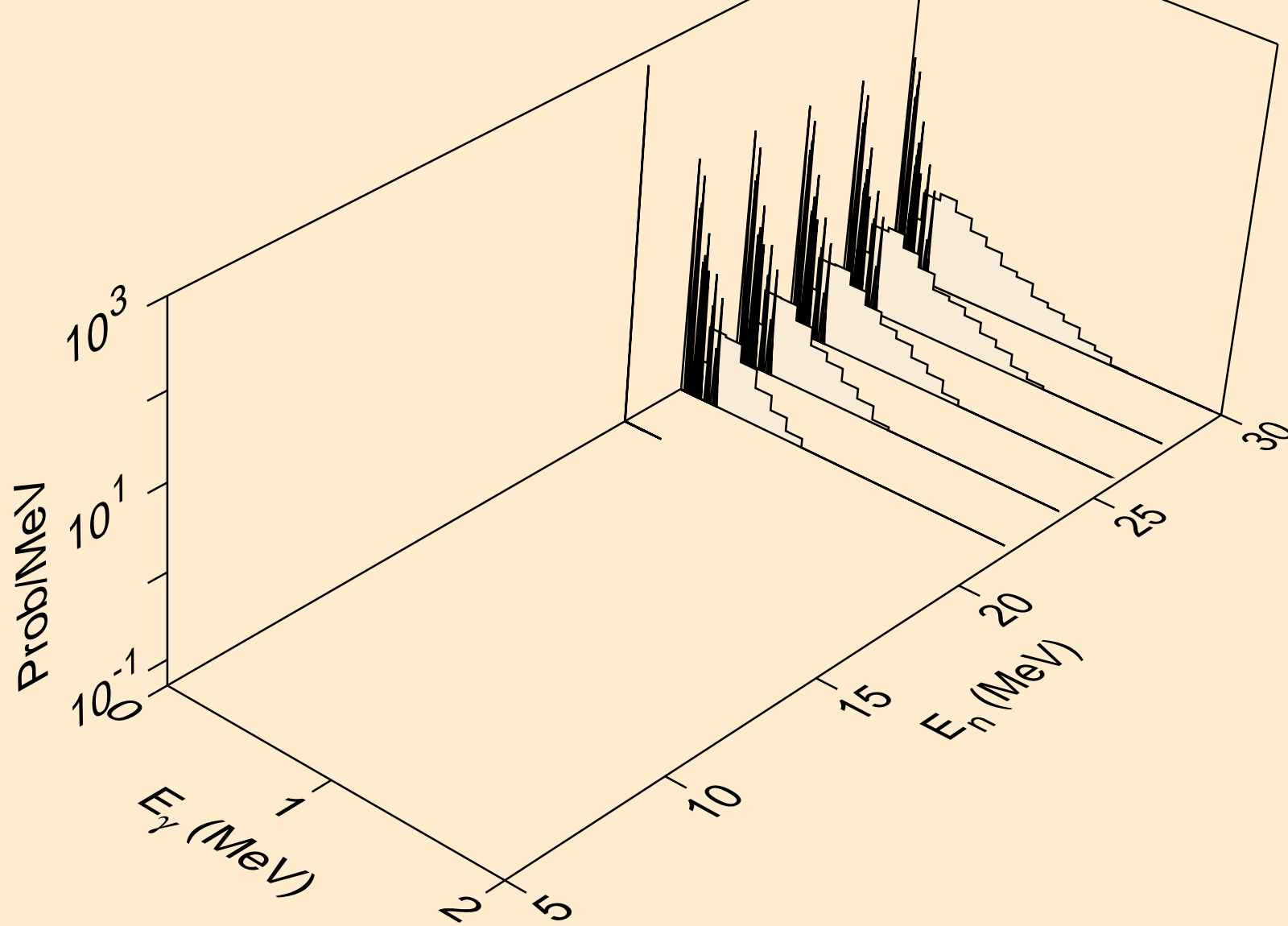
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



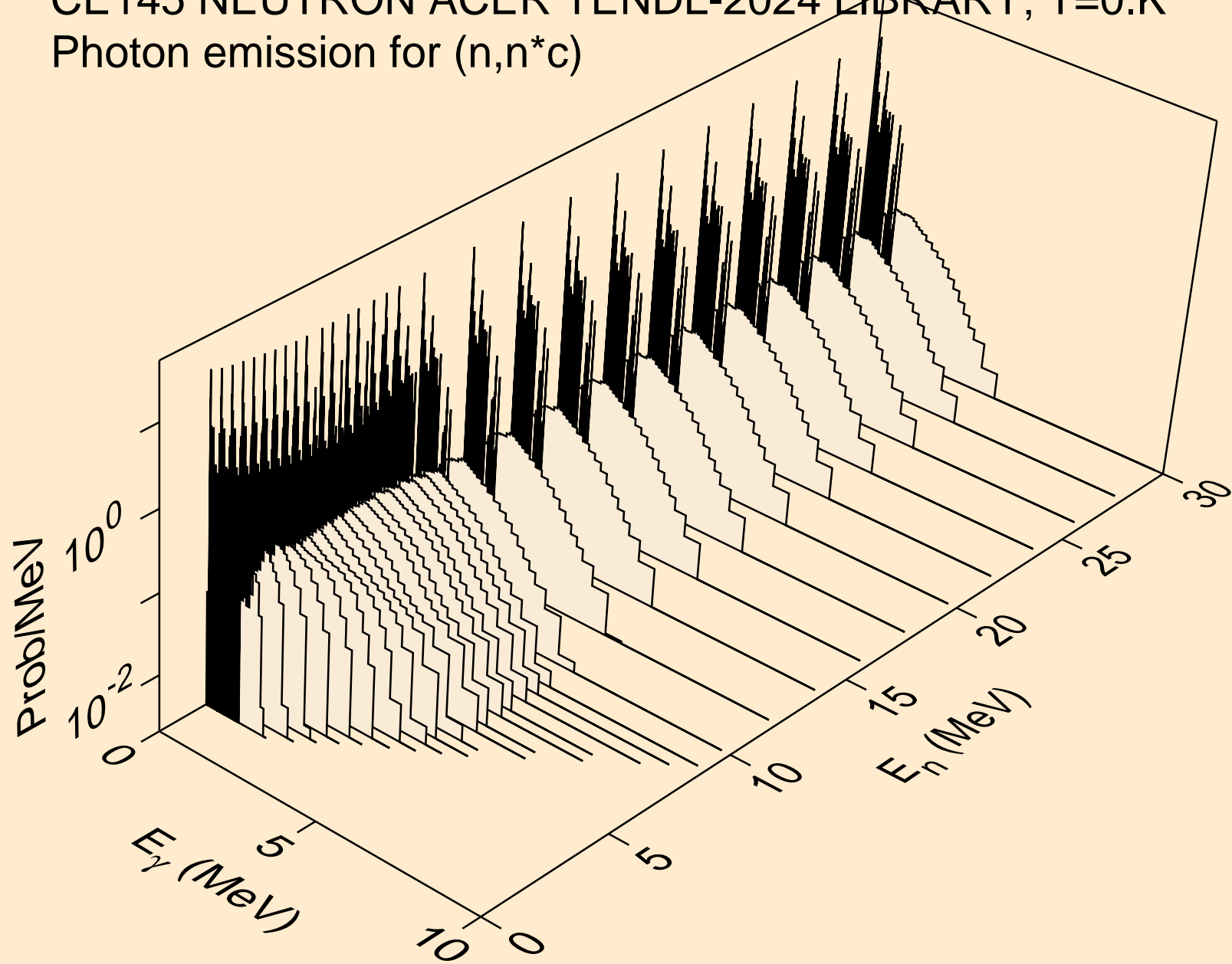
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



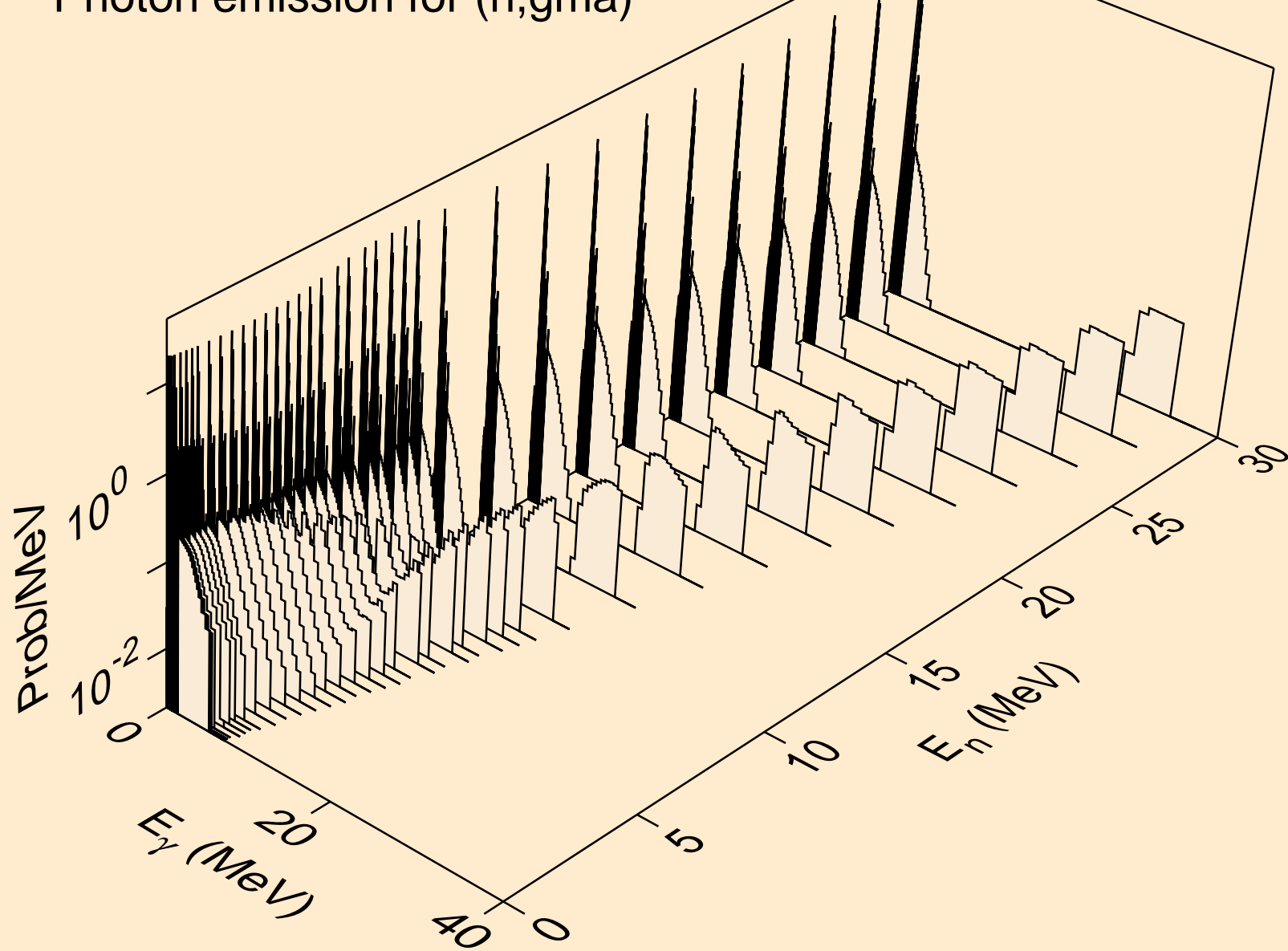
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



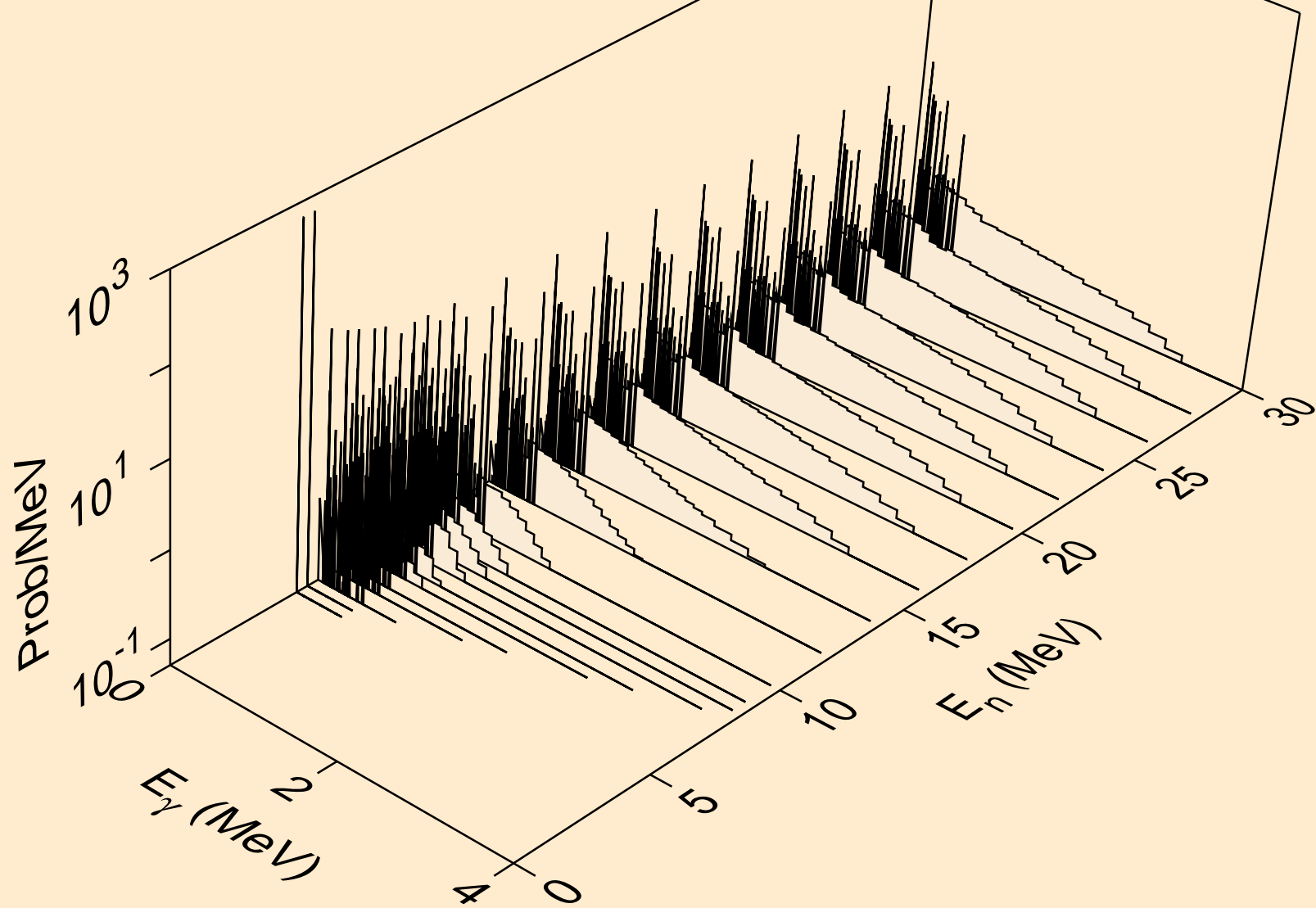
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



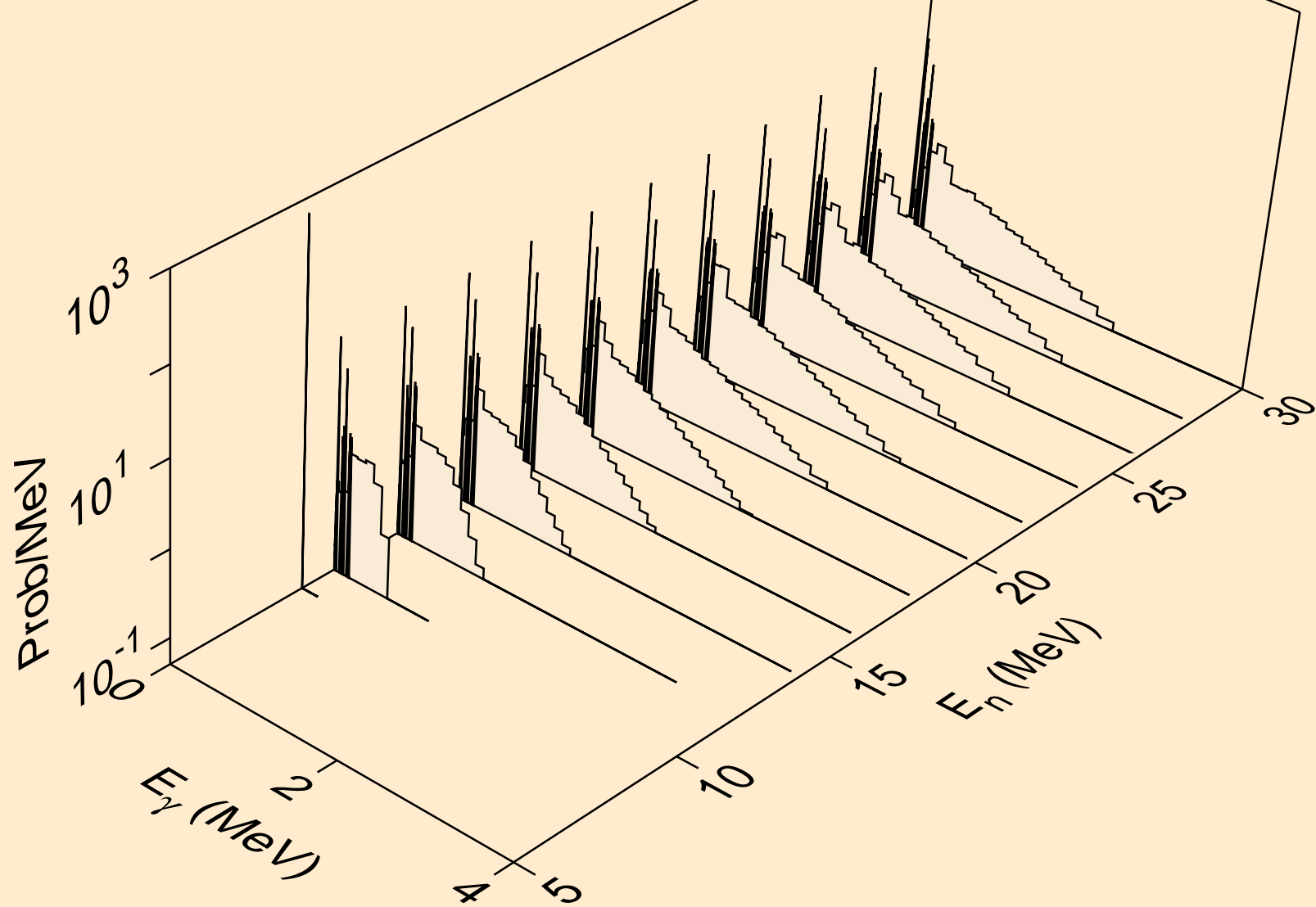
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



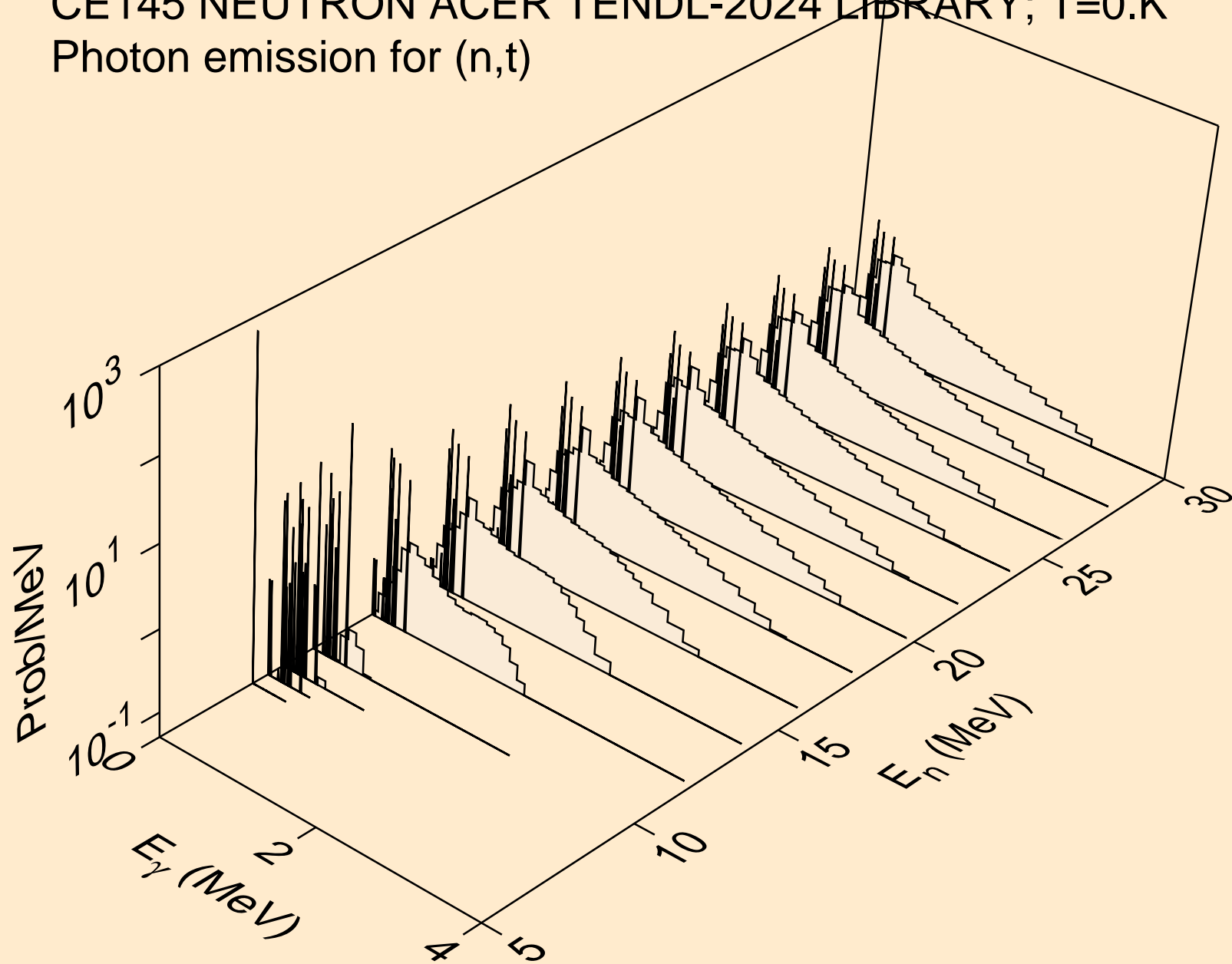
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



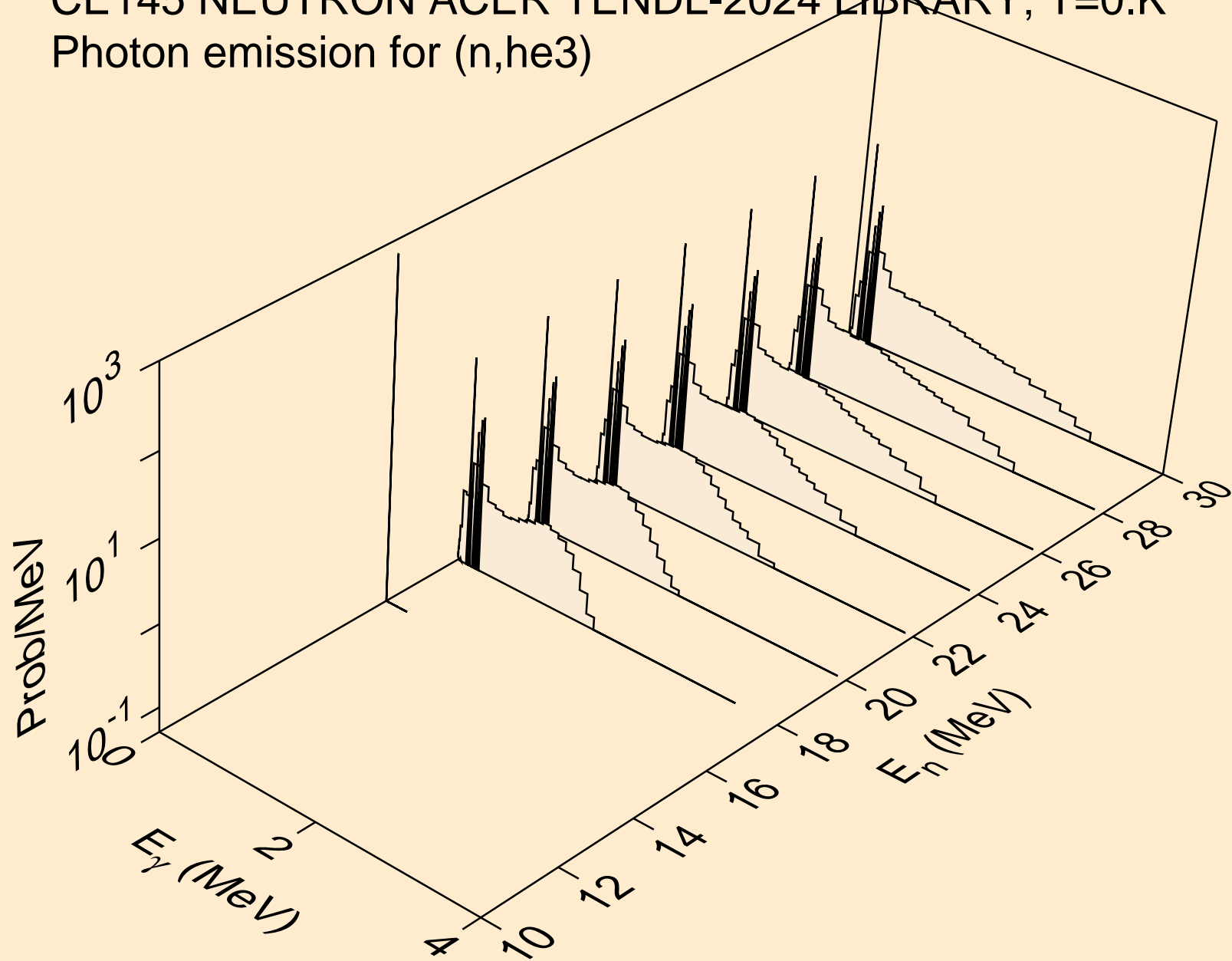
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



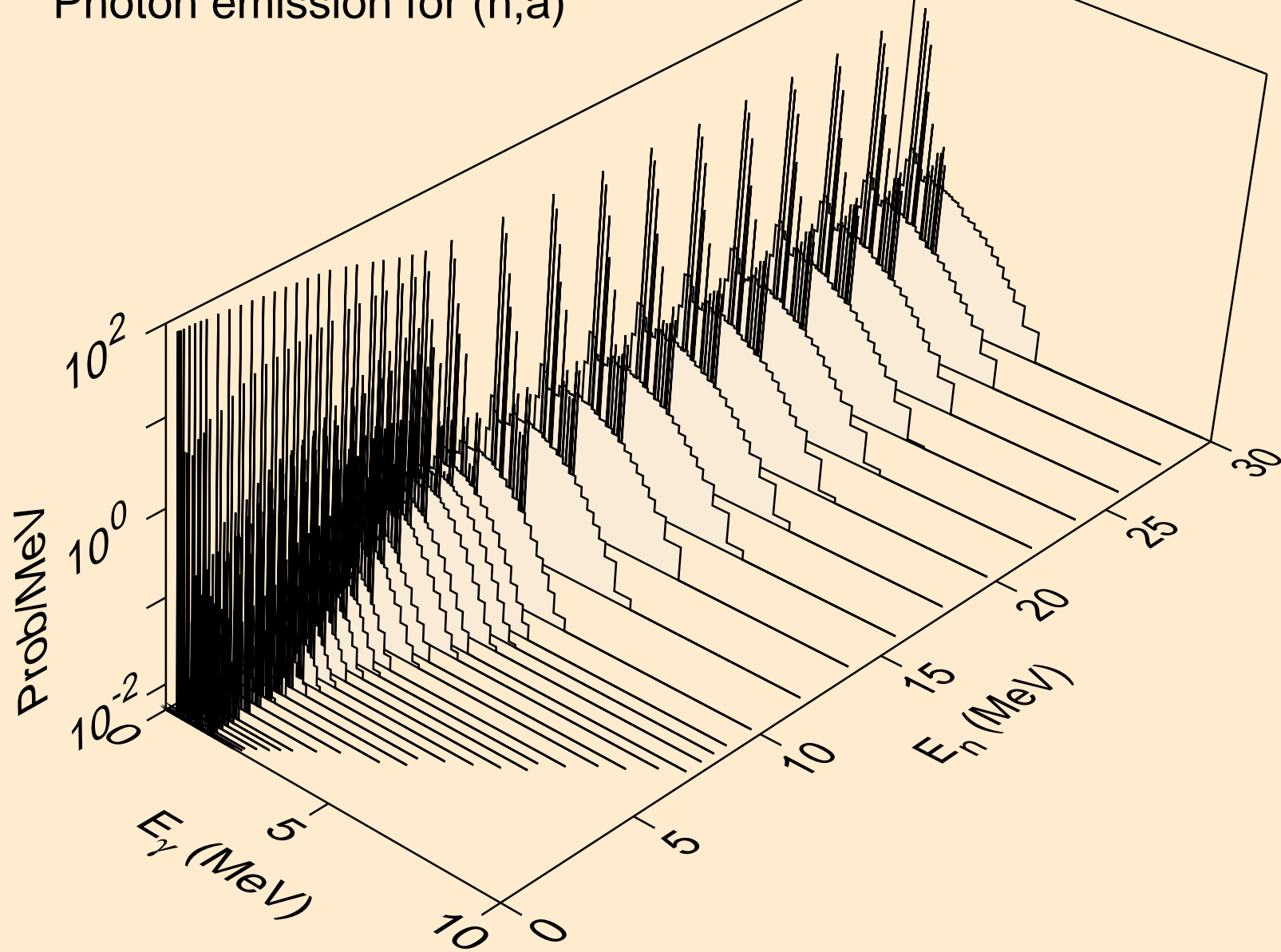
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



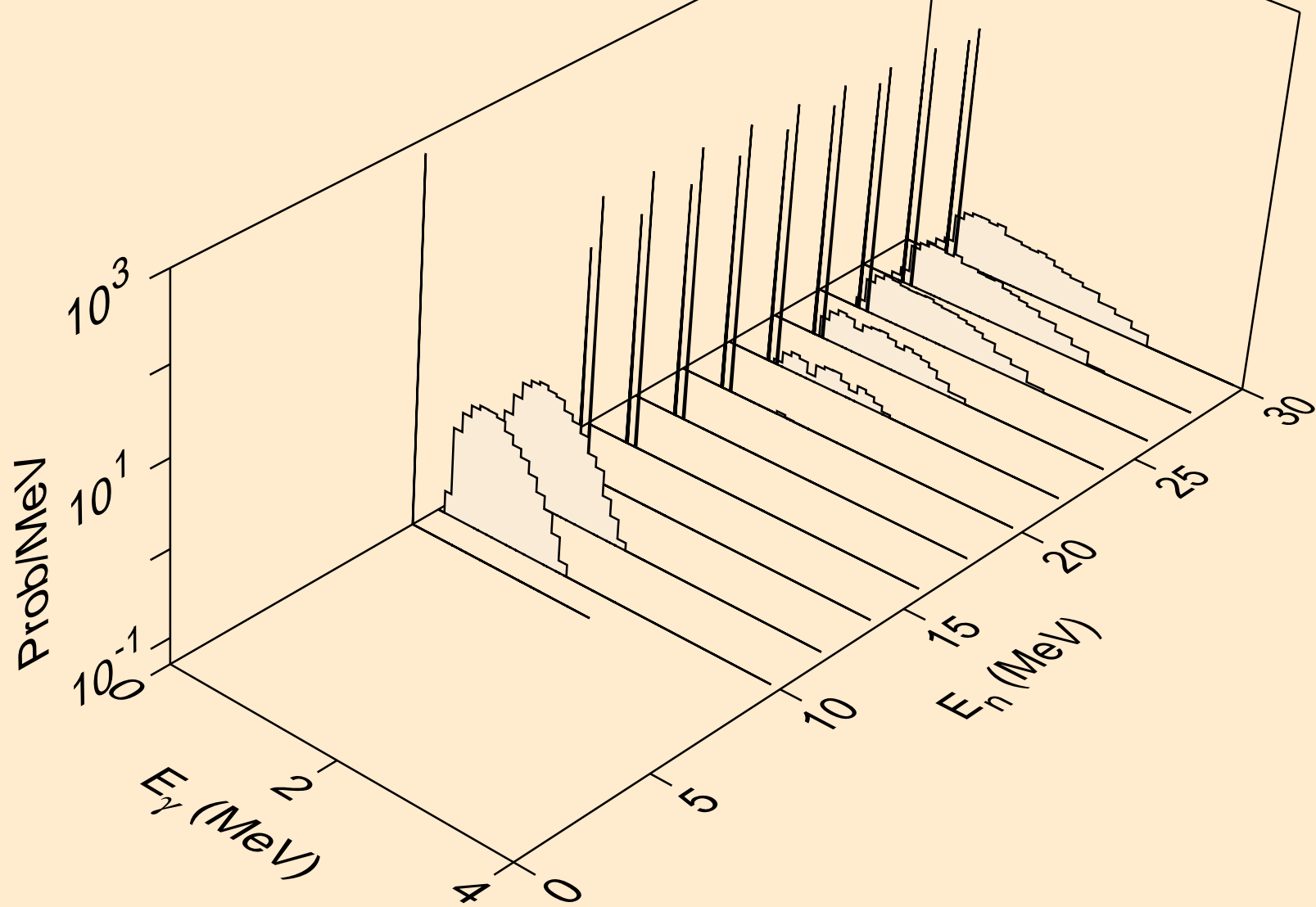
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



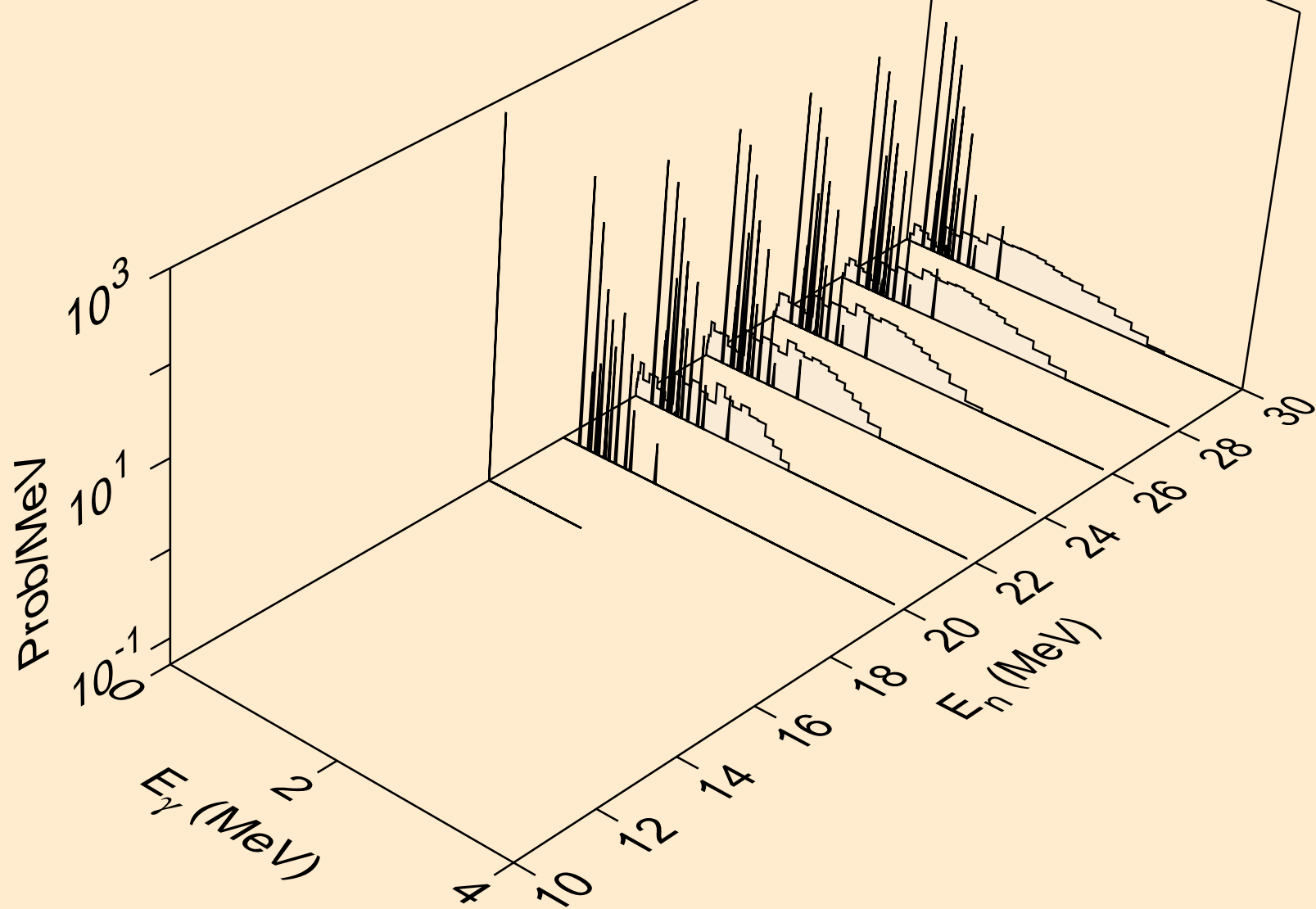
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



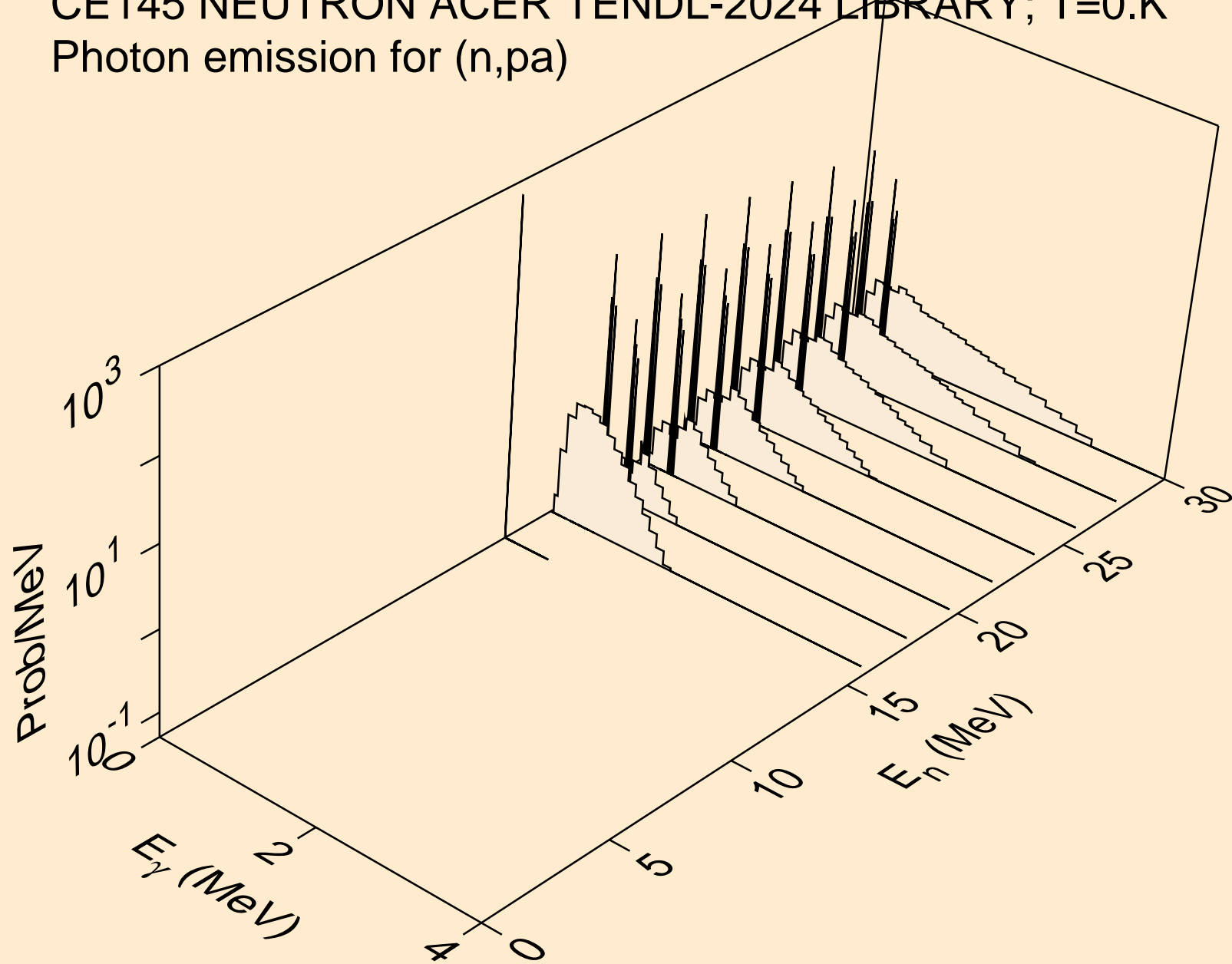
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



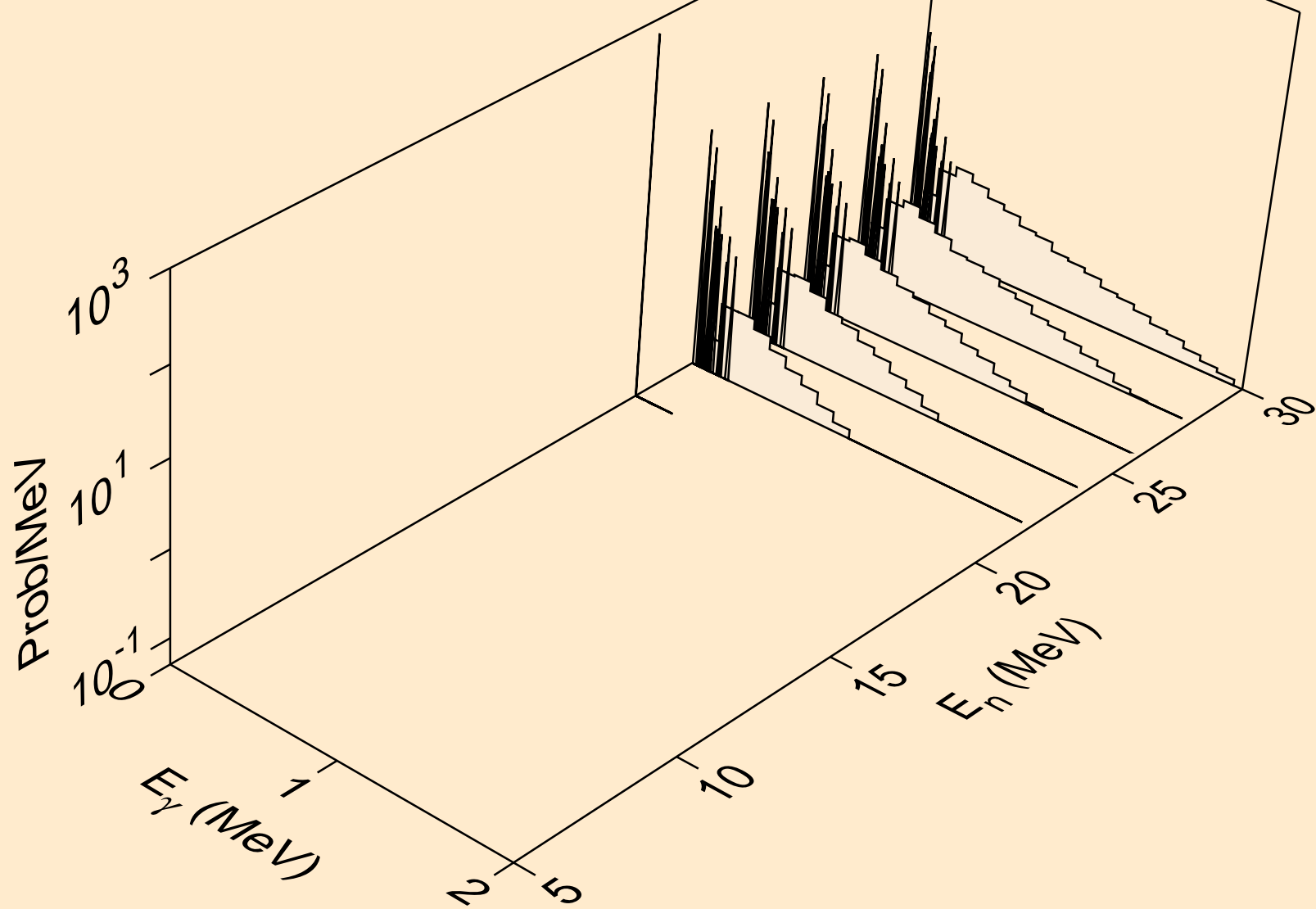
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



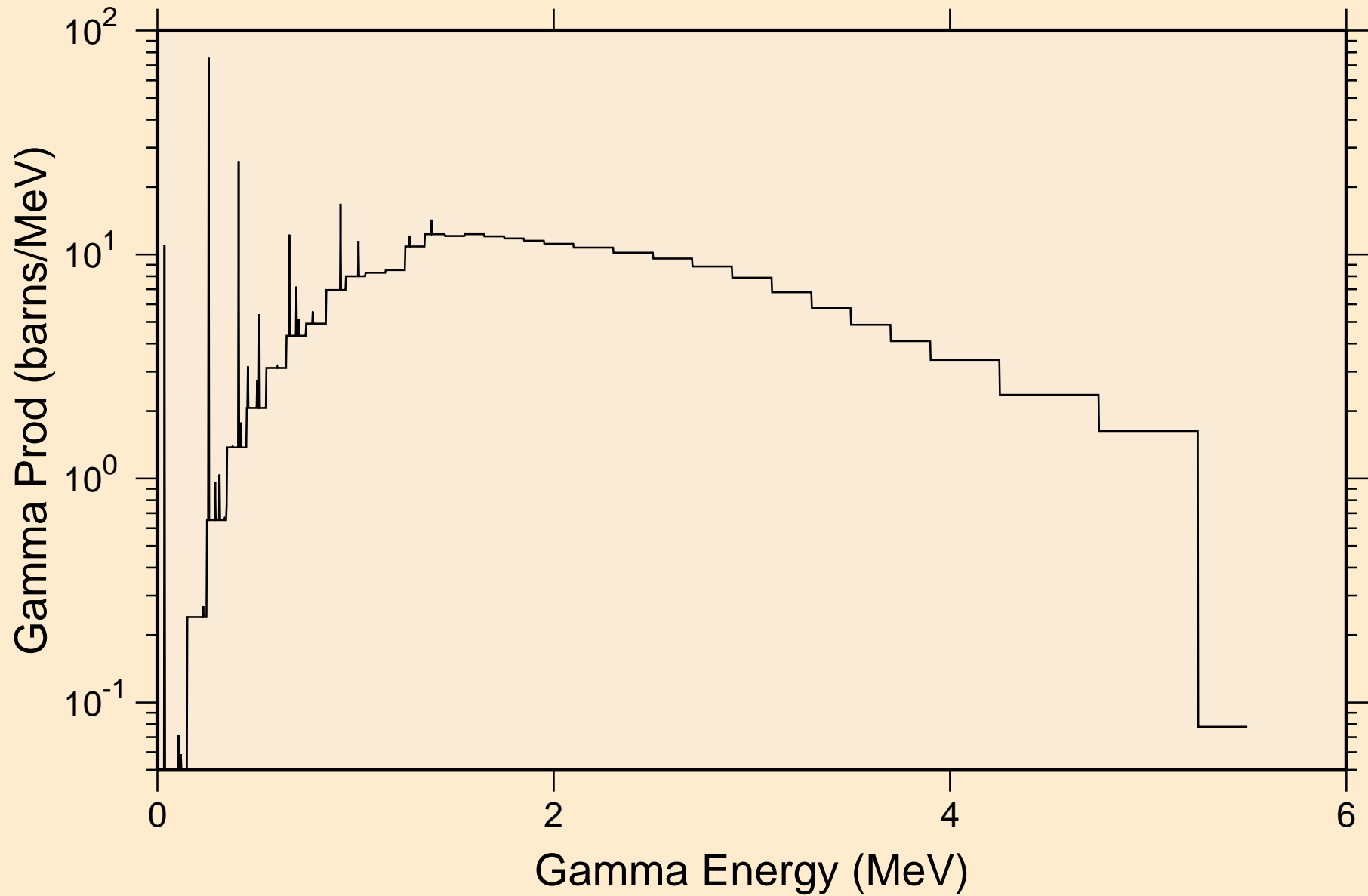
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



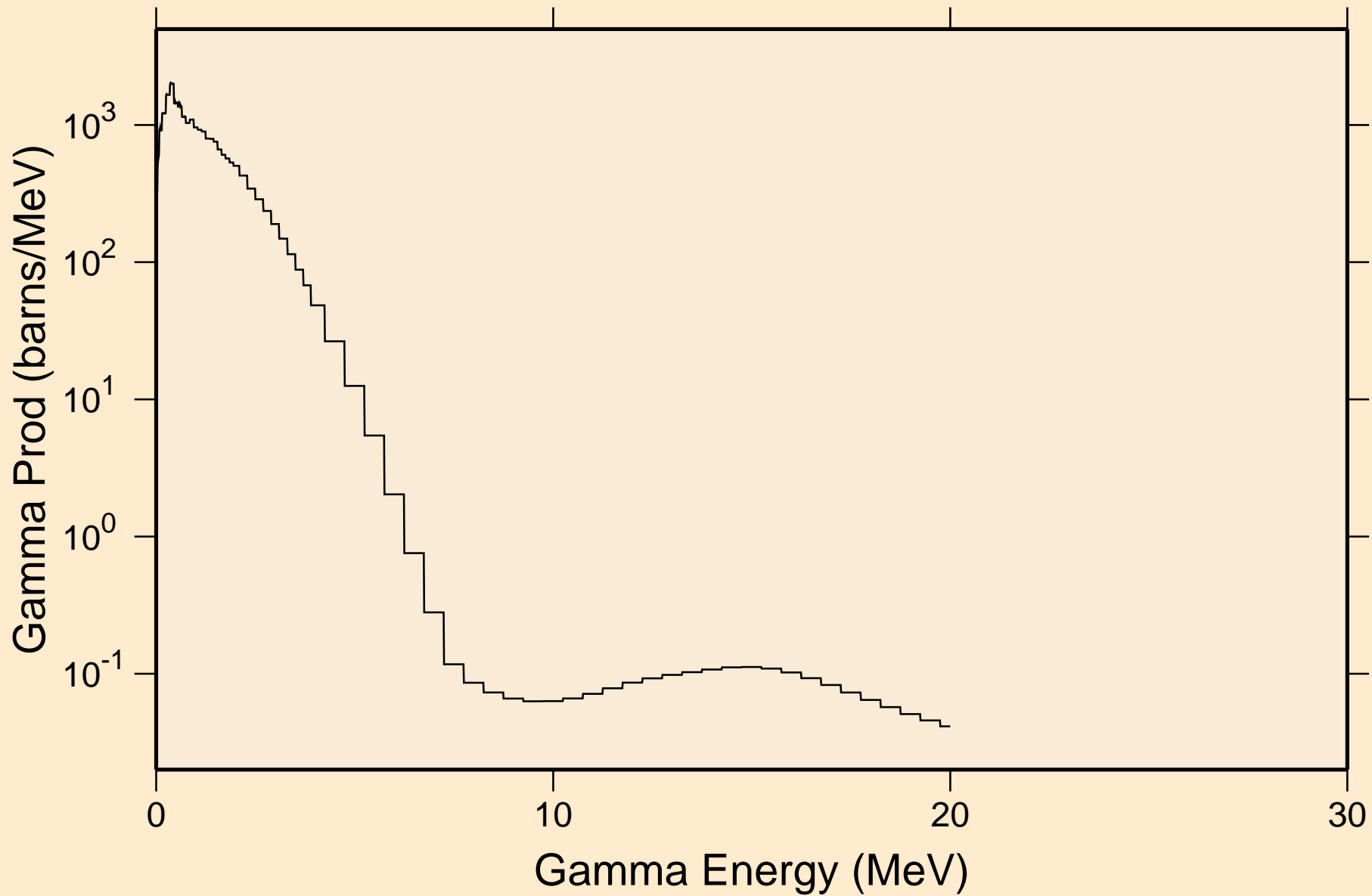
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

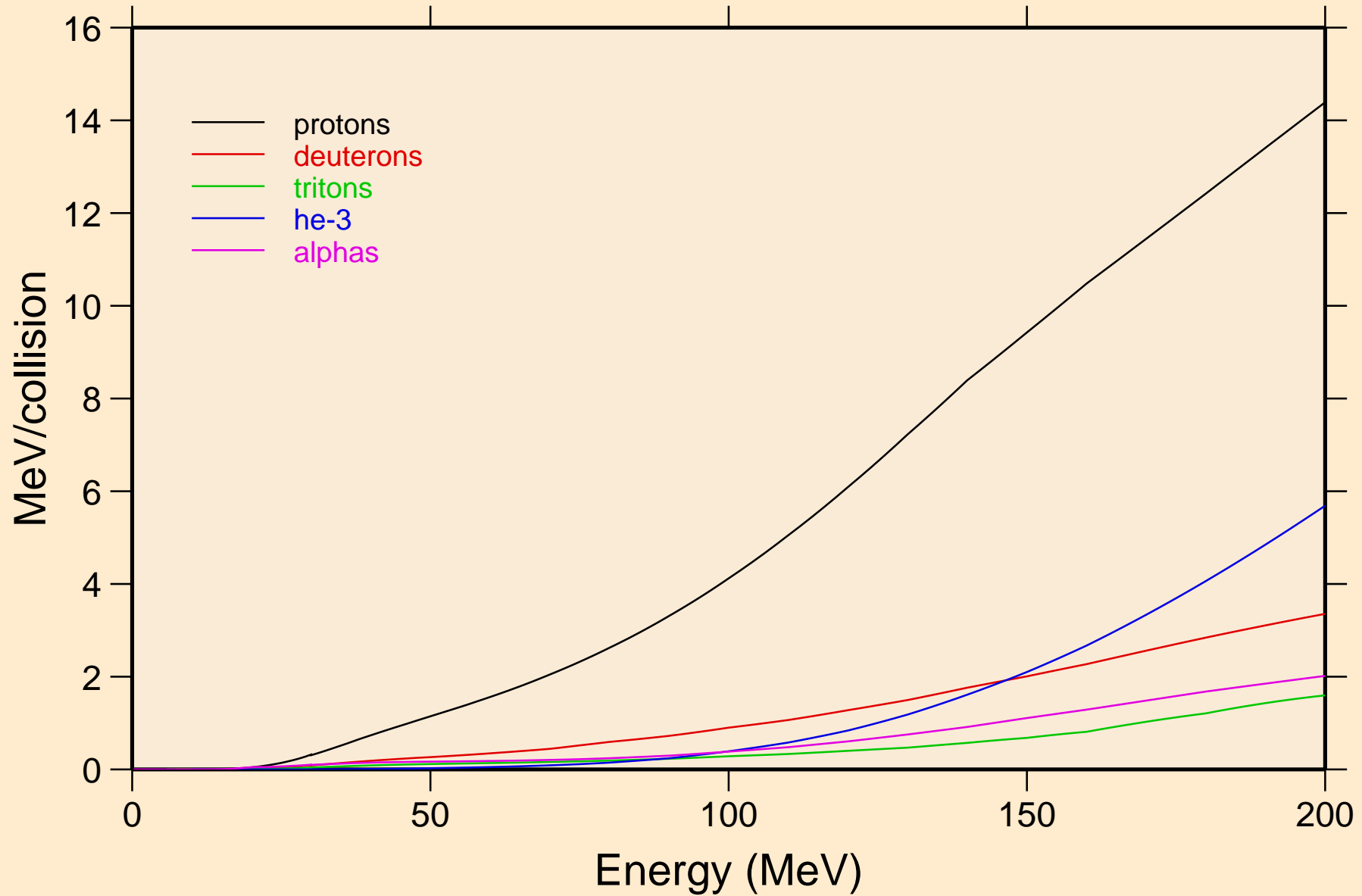


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

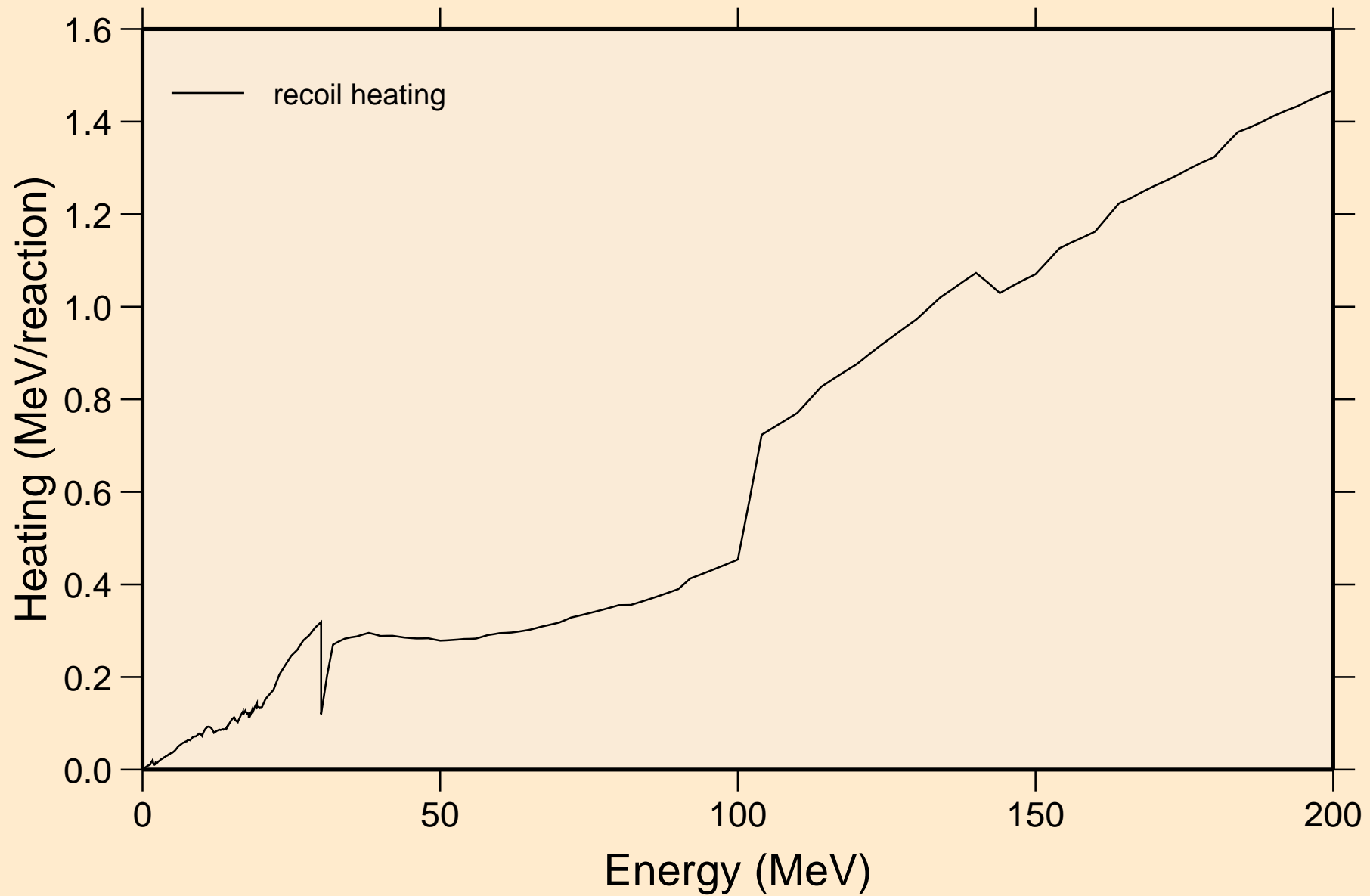


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

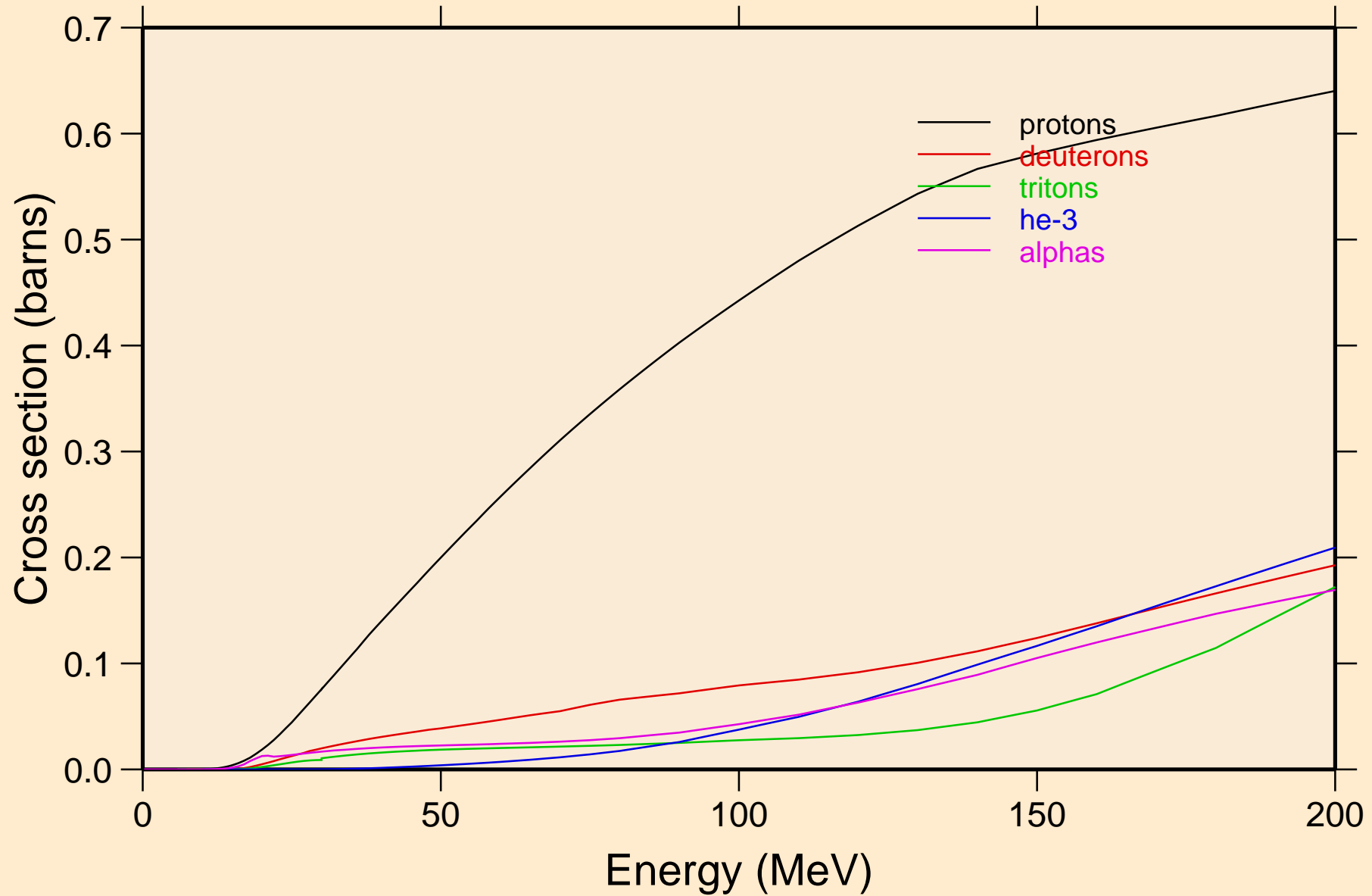


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

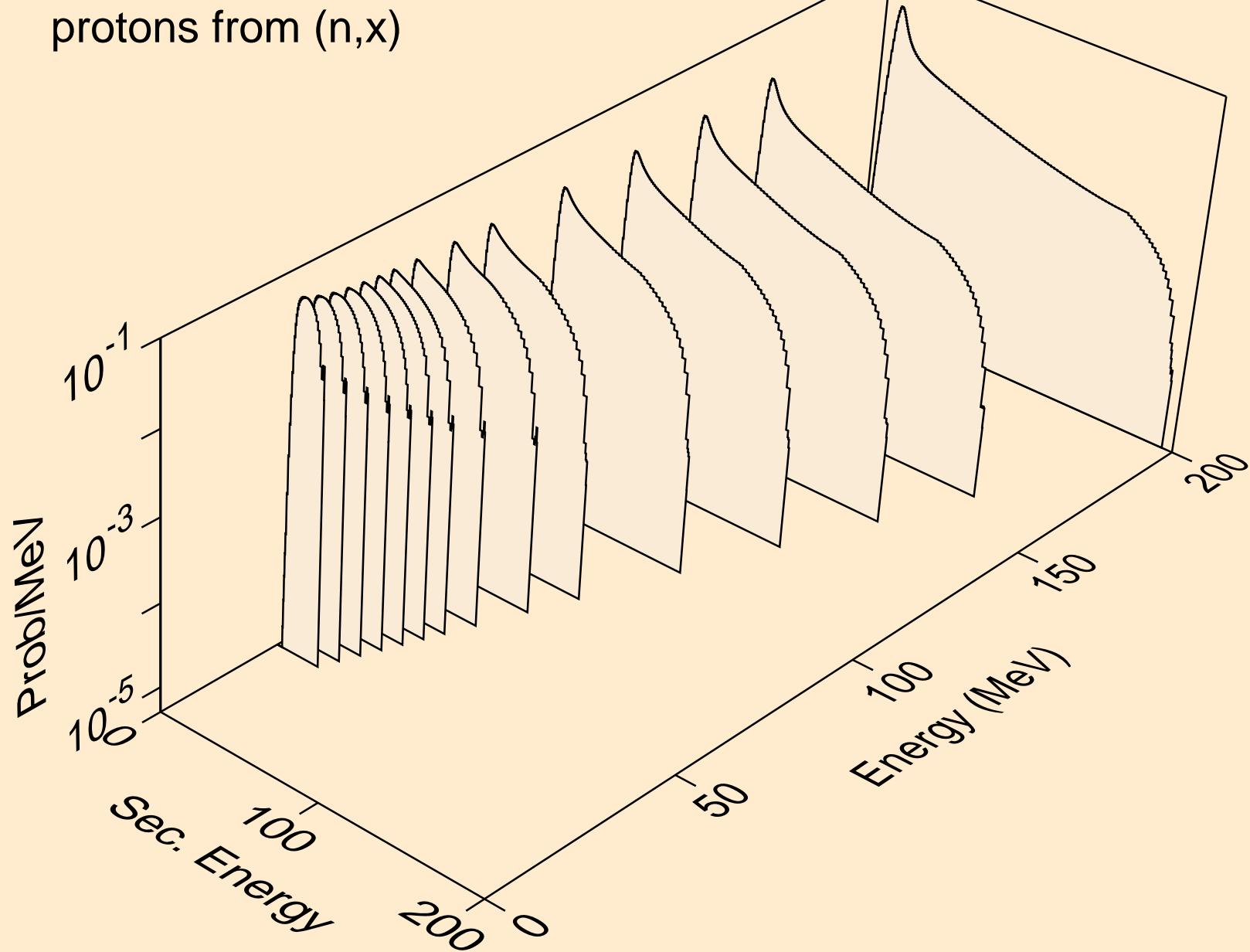


CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

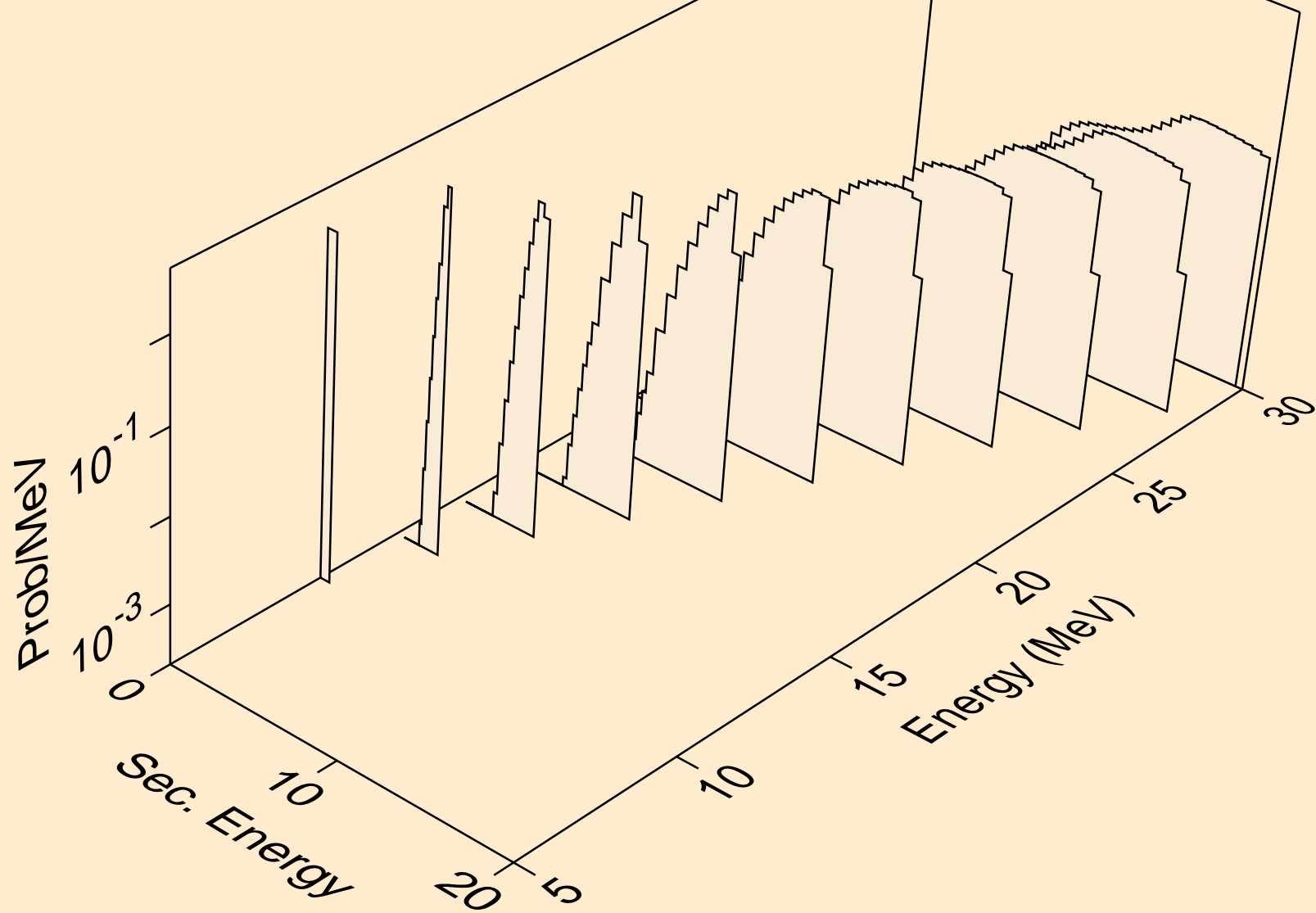
Particle production cross sections



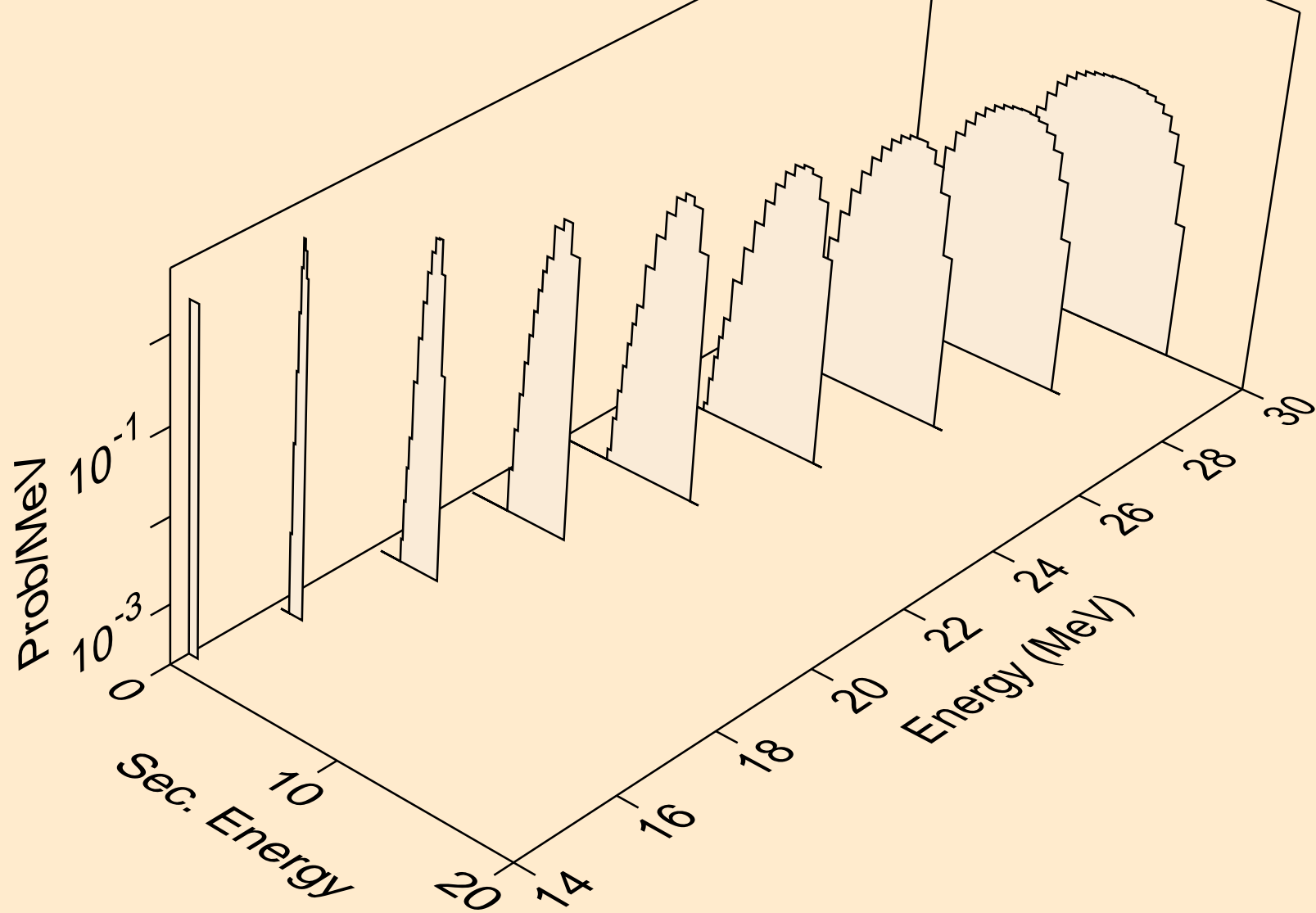
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



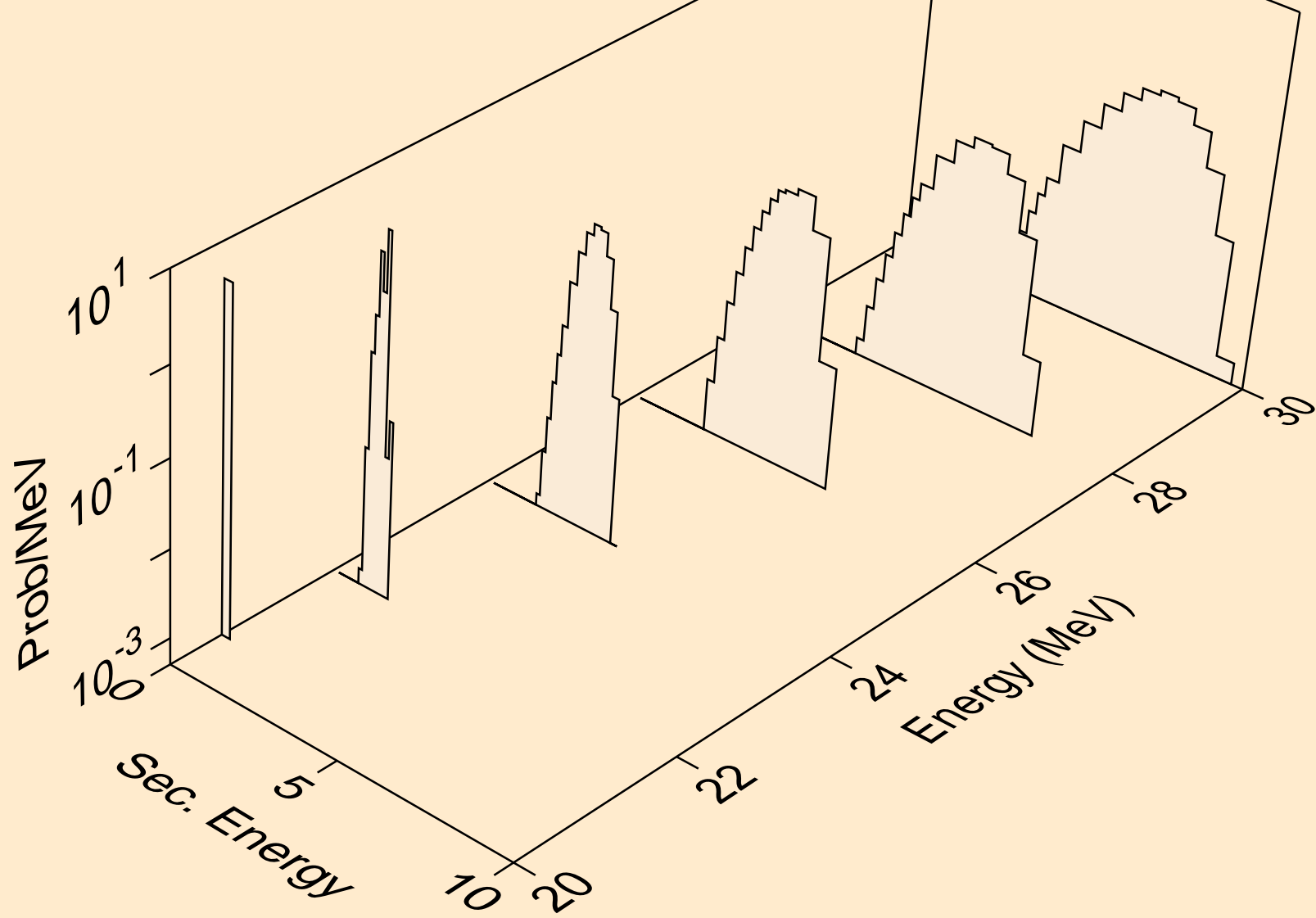
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



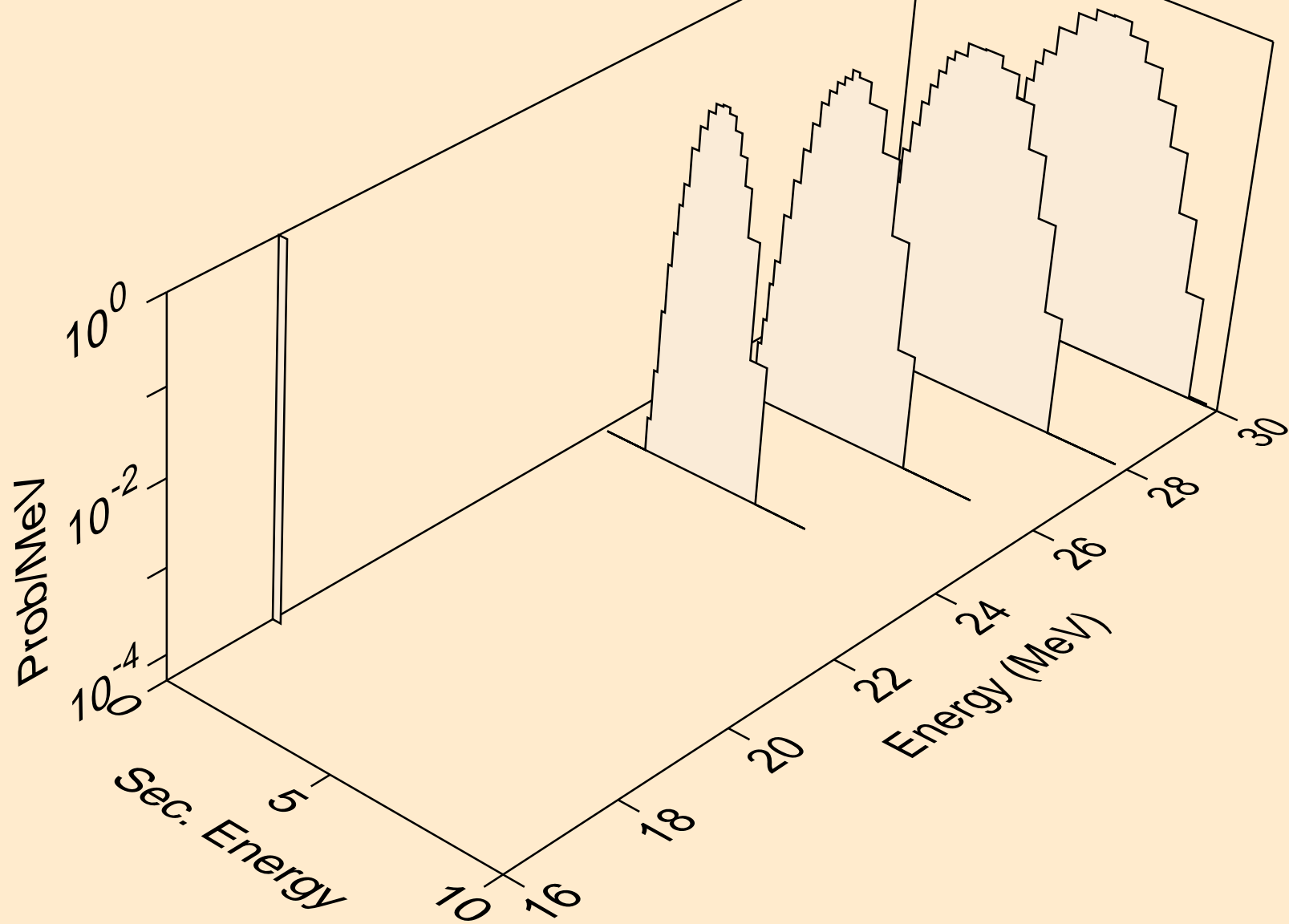
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



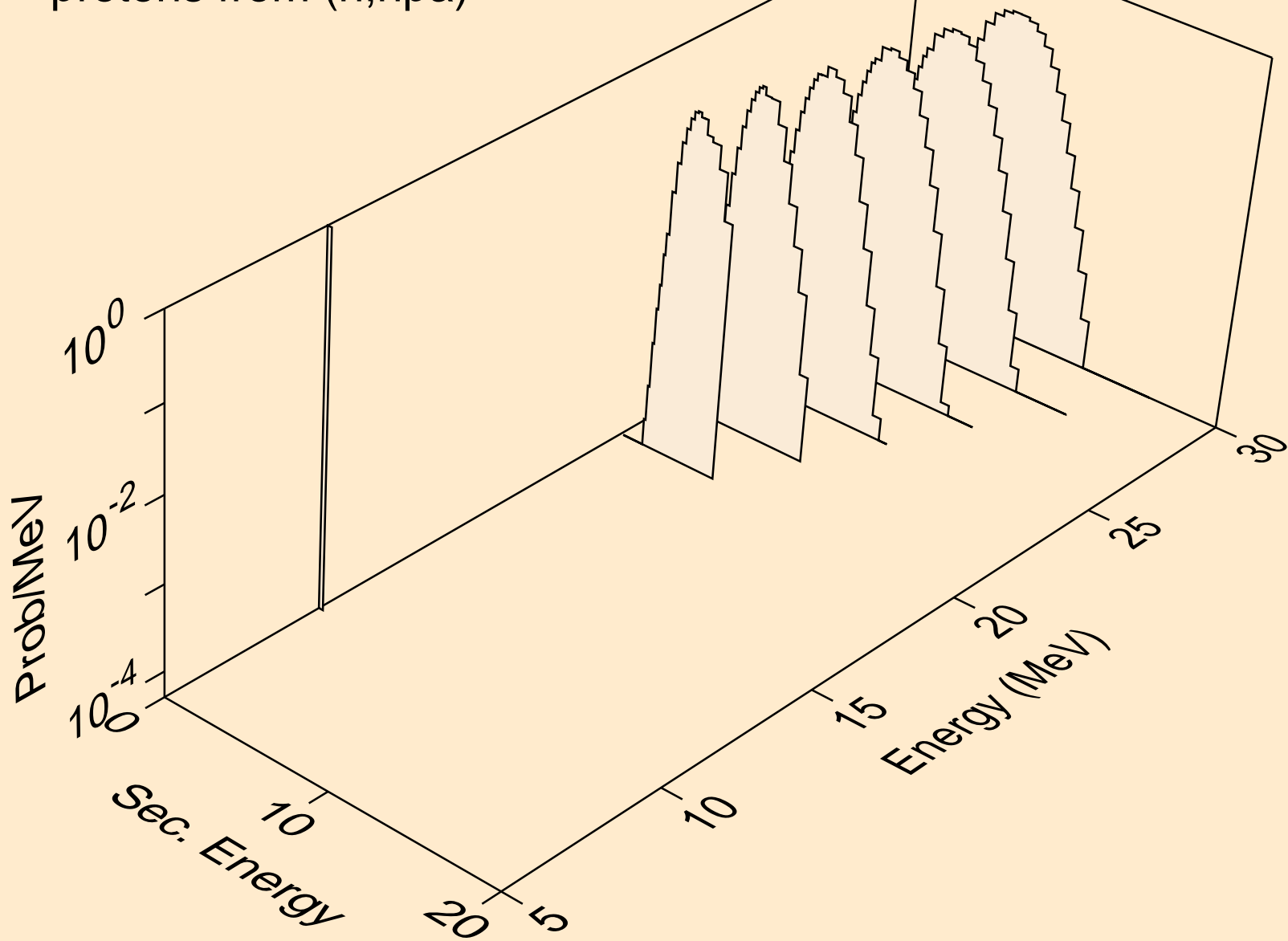
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



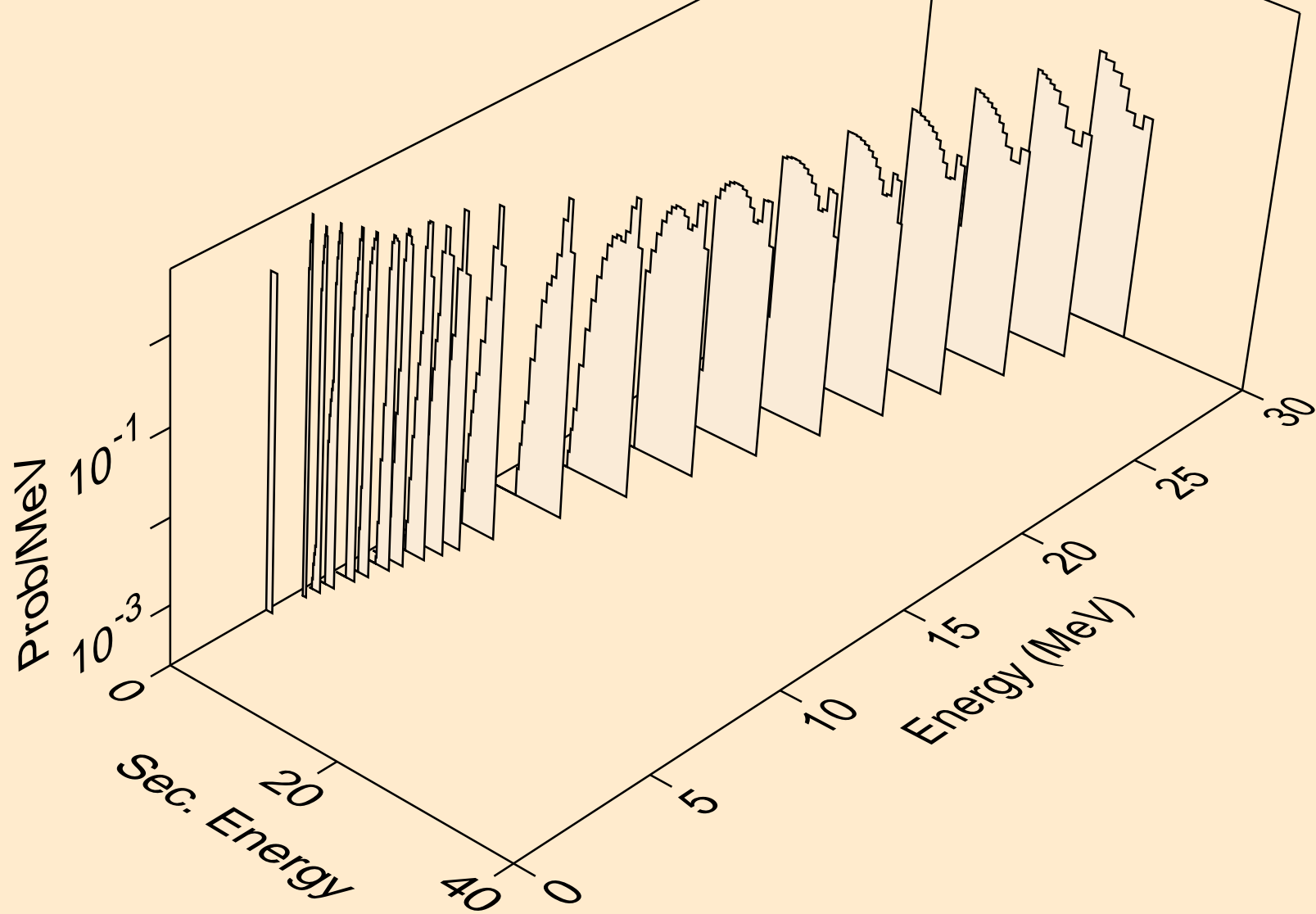
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



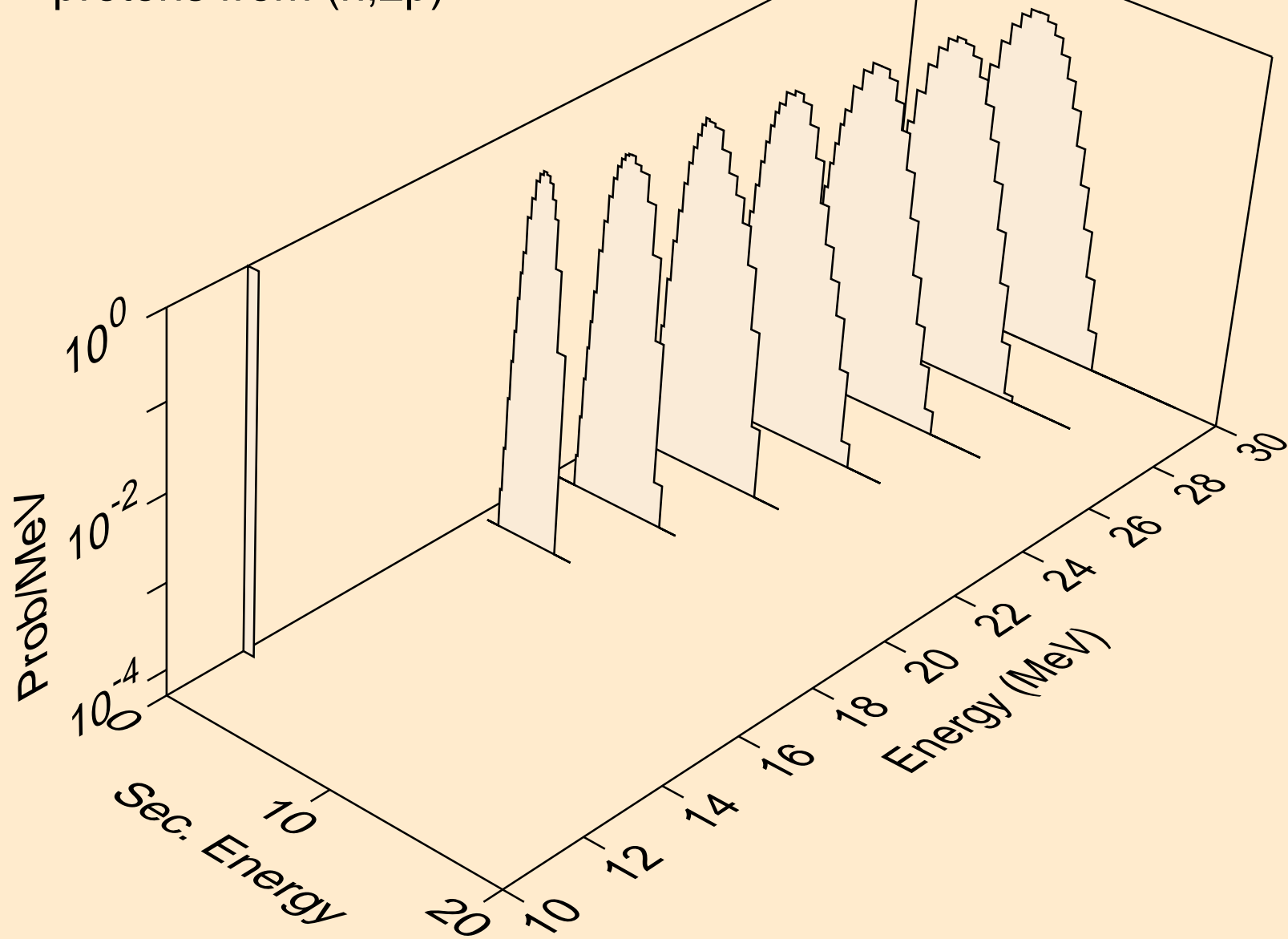
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protons from (n,npa)



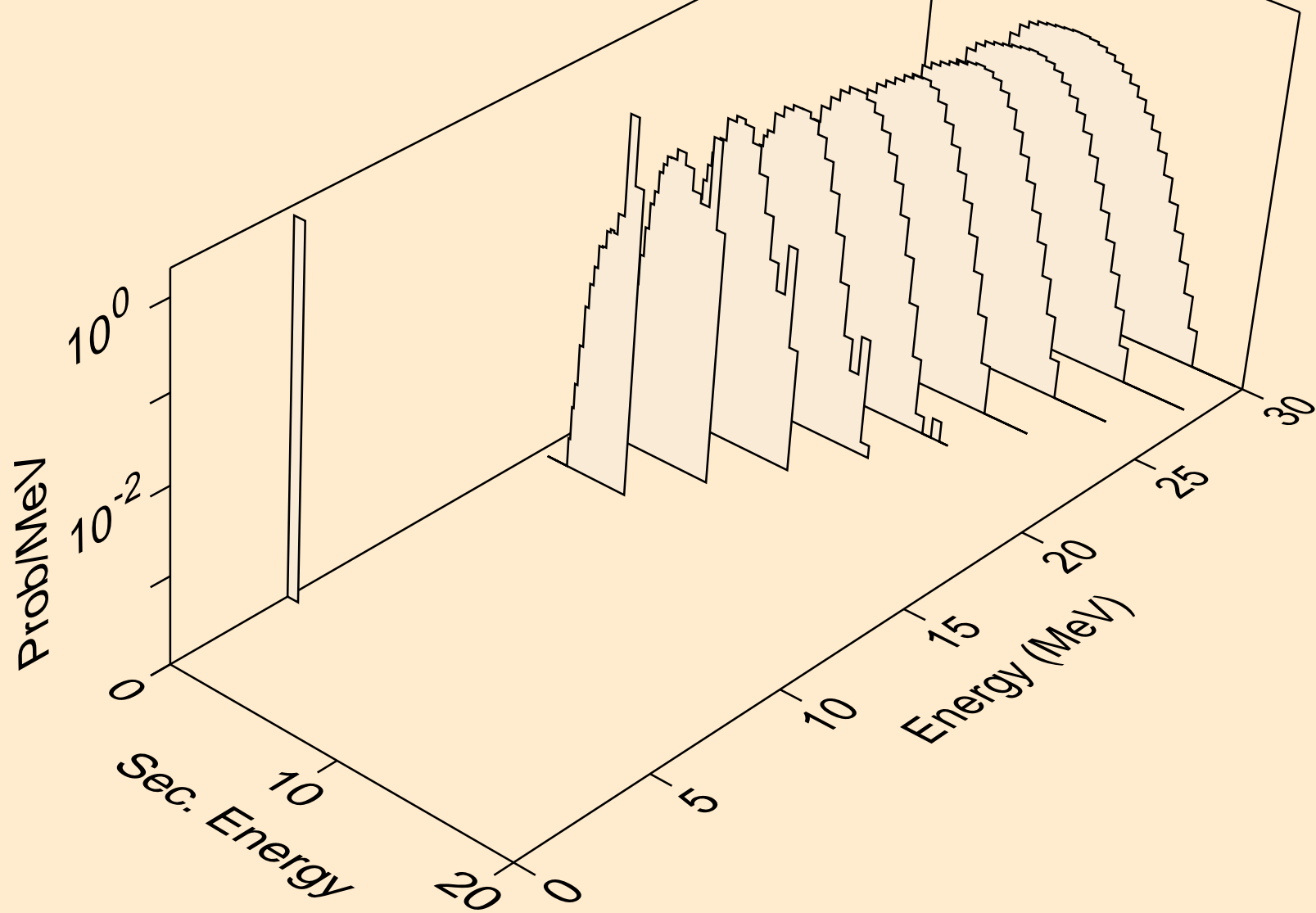
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protons from (n,p)



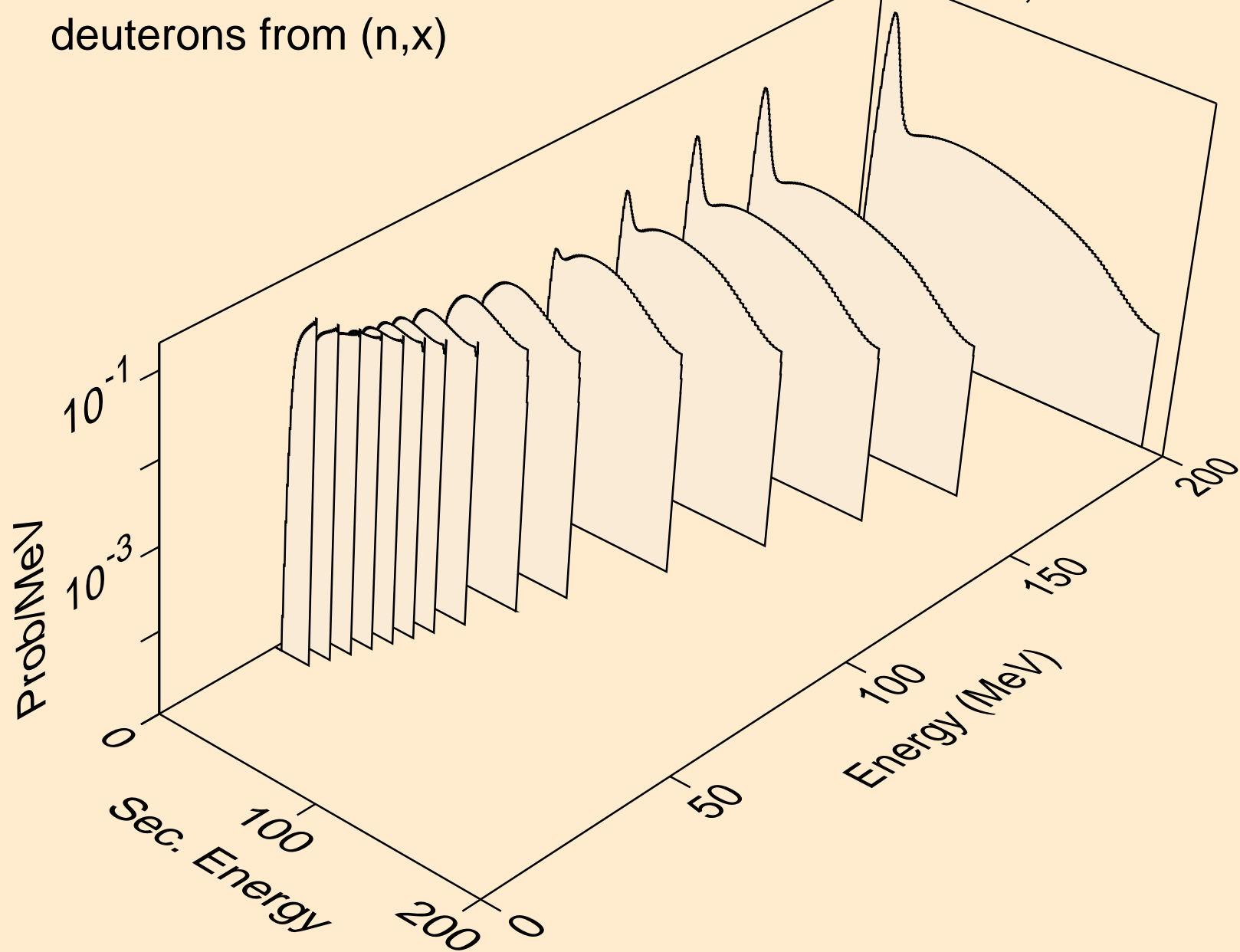
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protons from (n,2p)



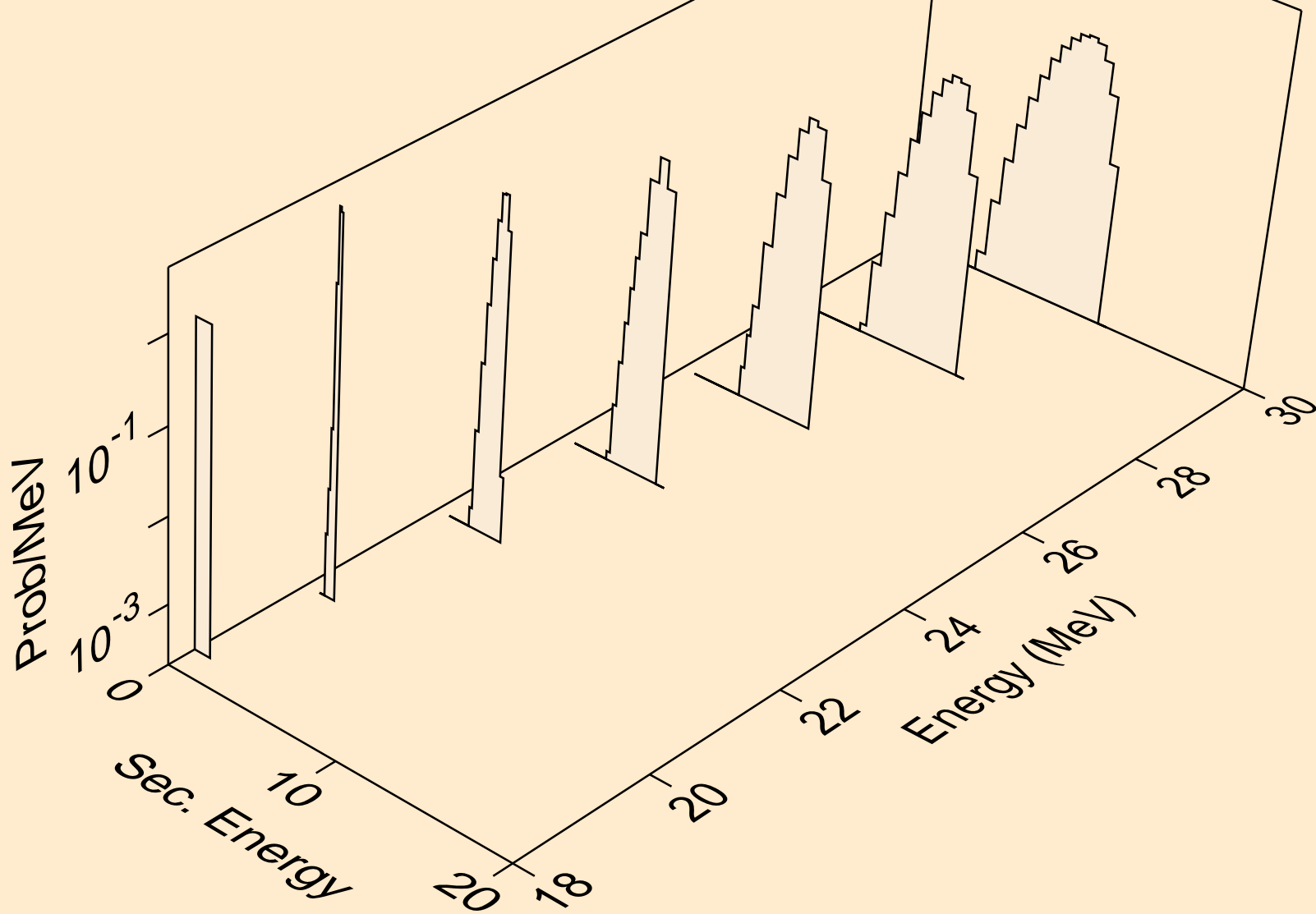
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



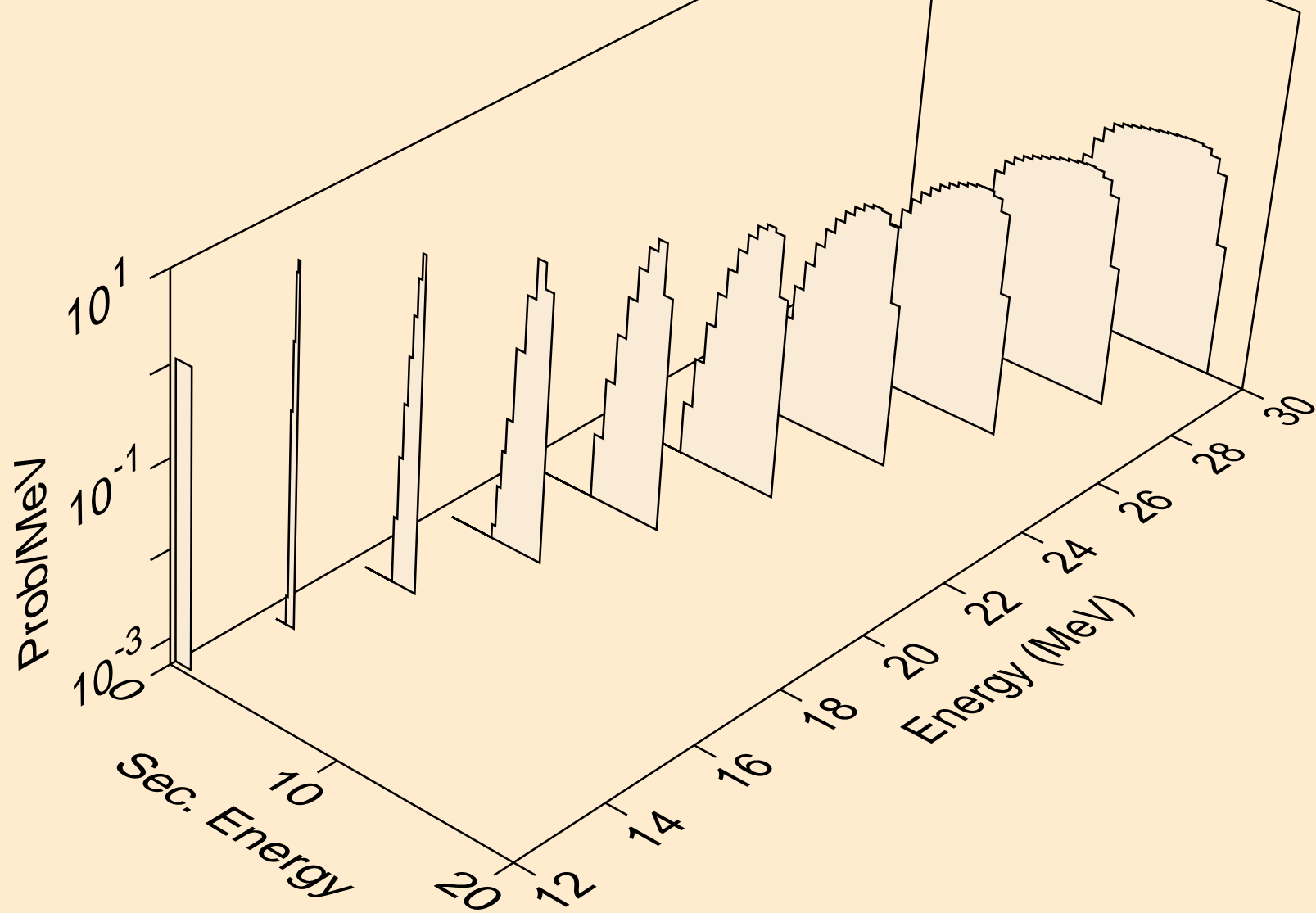
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



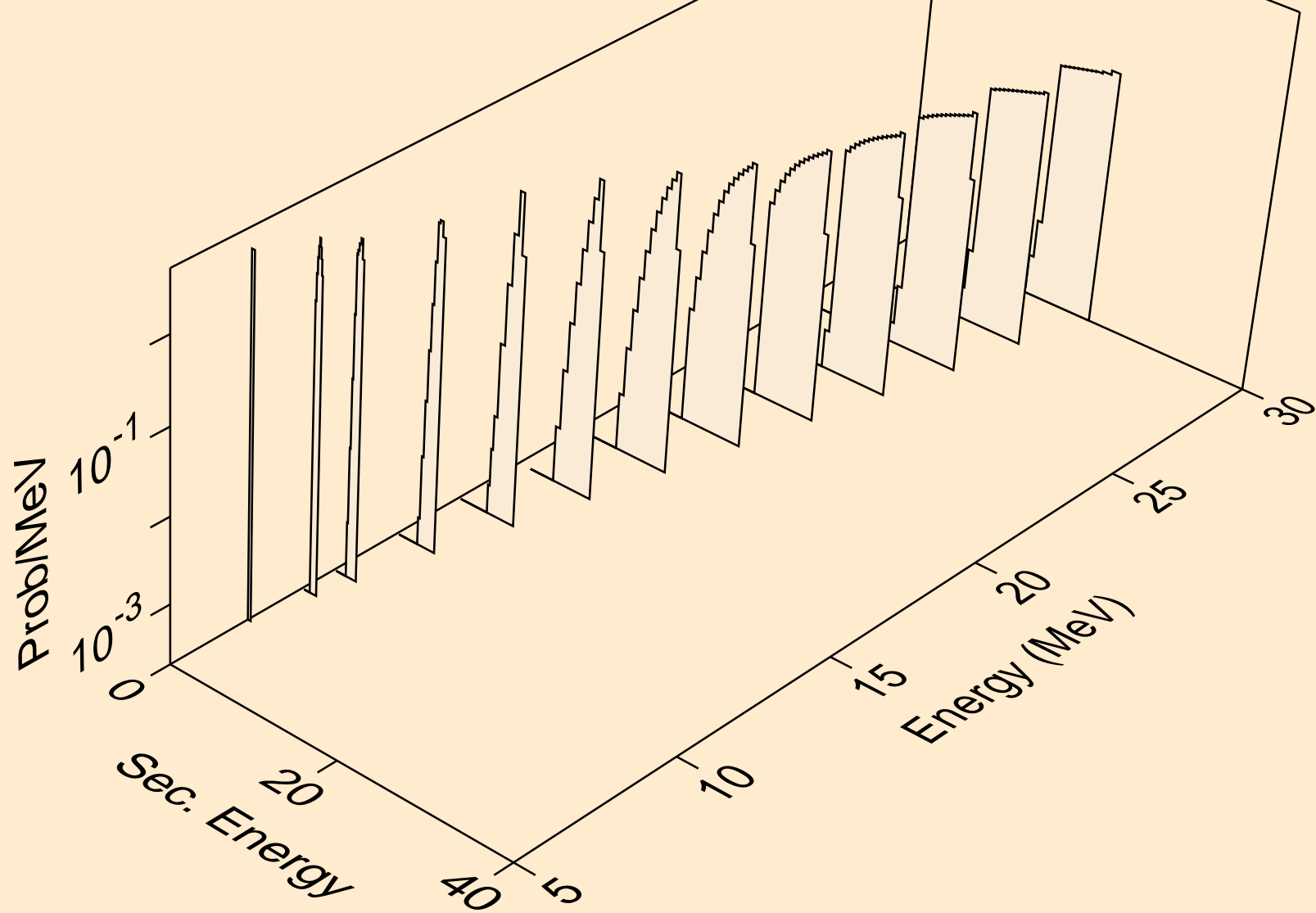
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



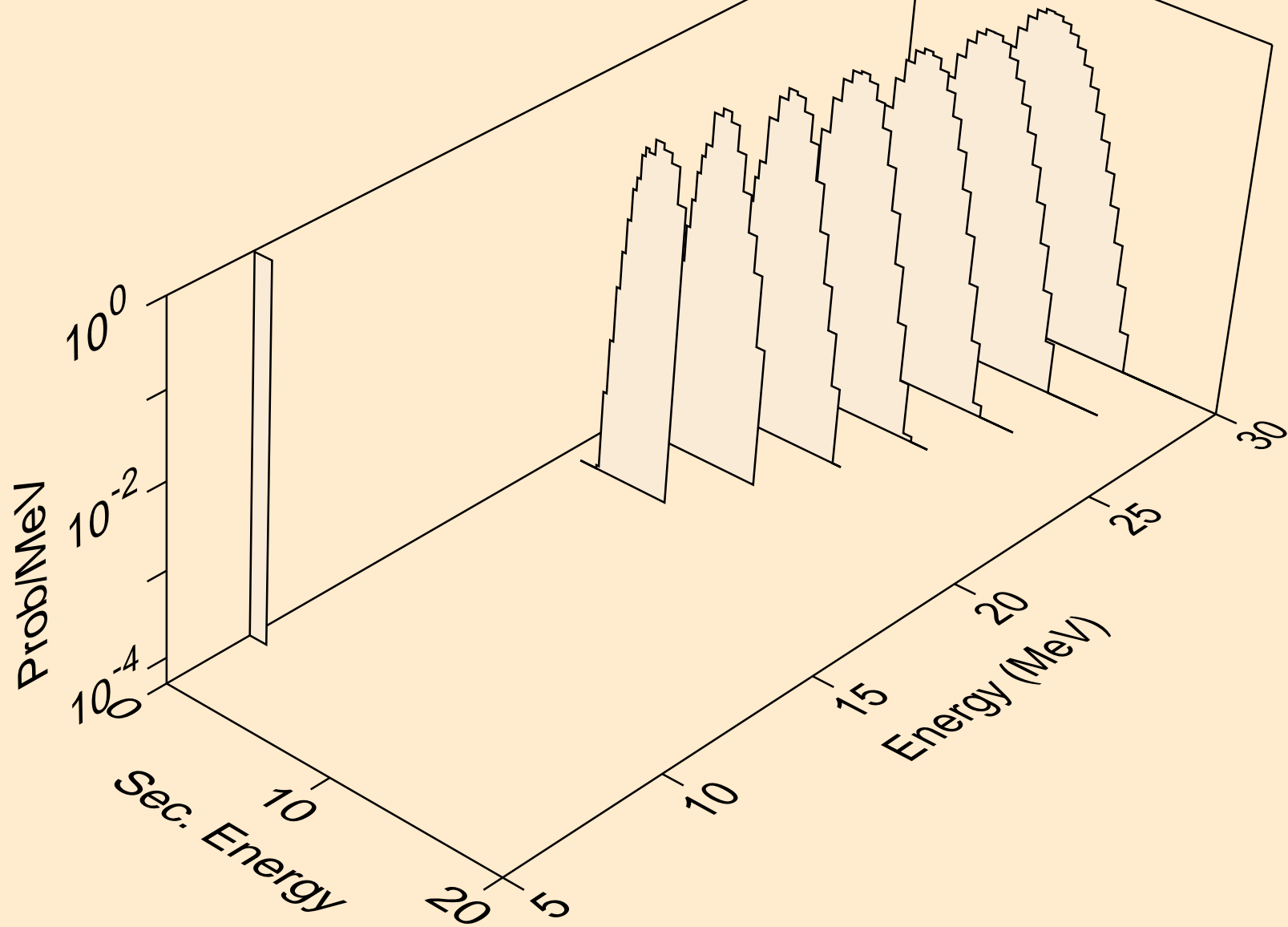
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



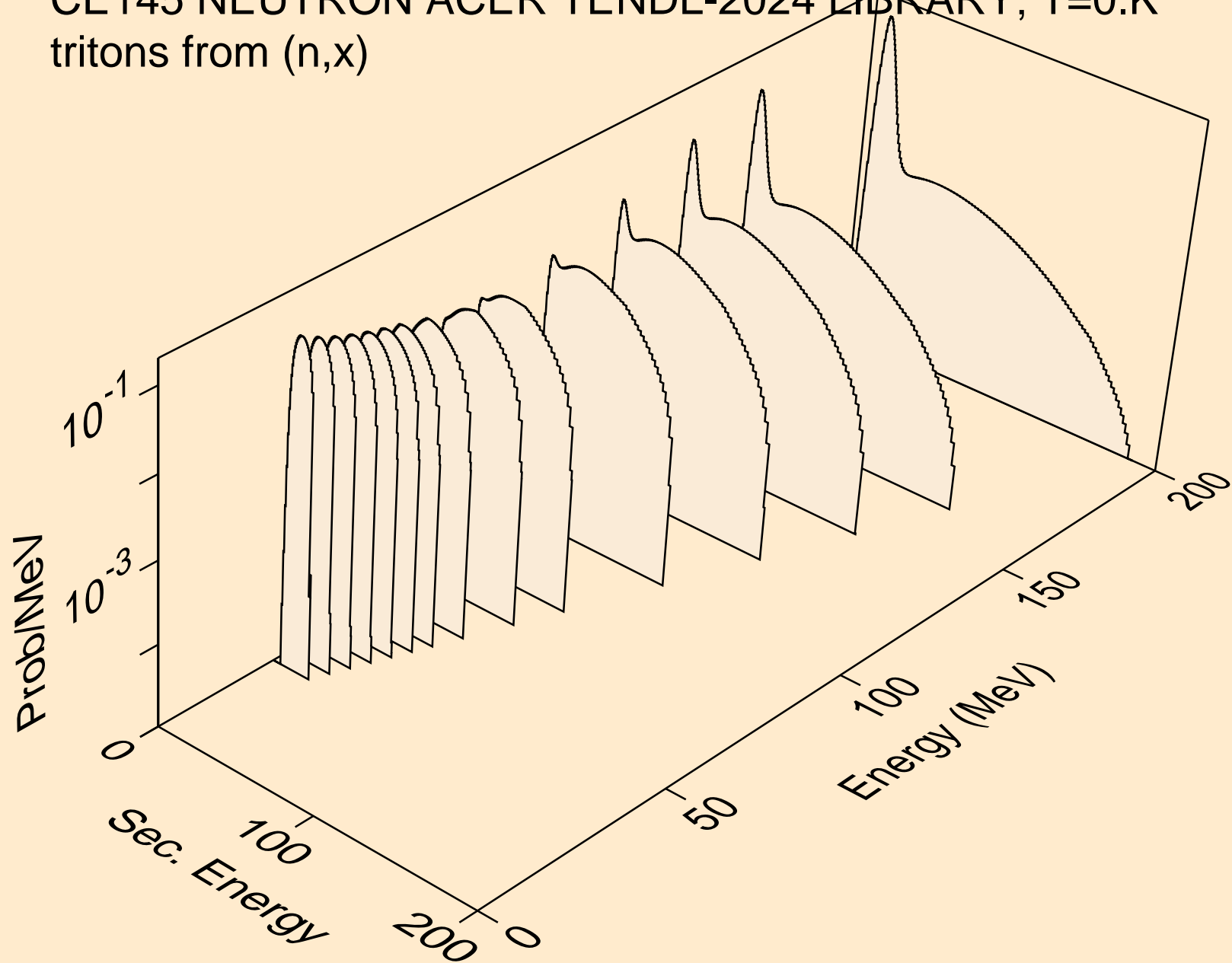
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



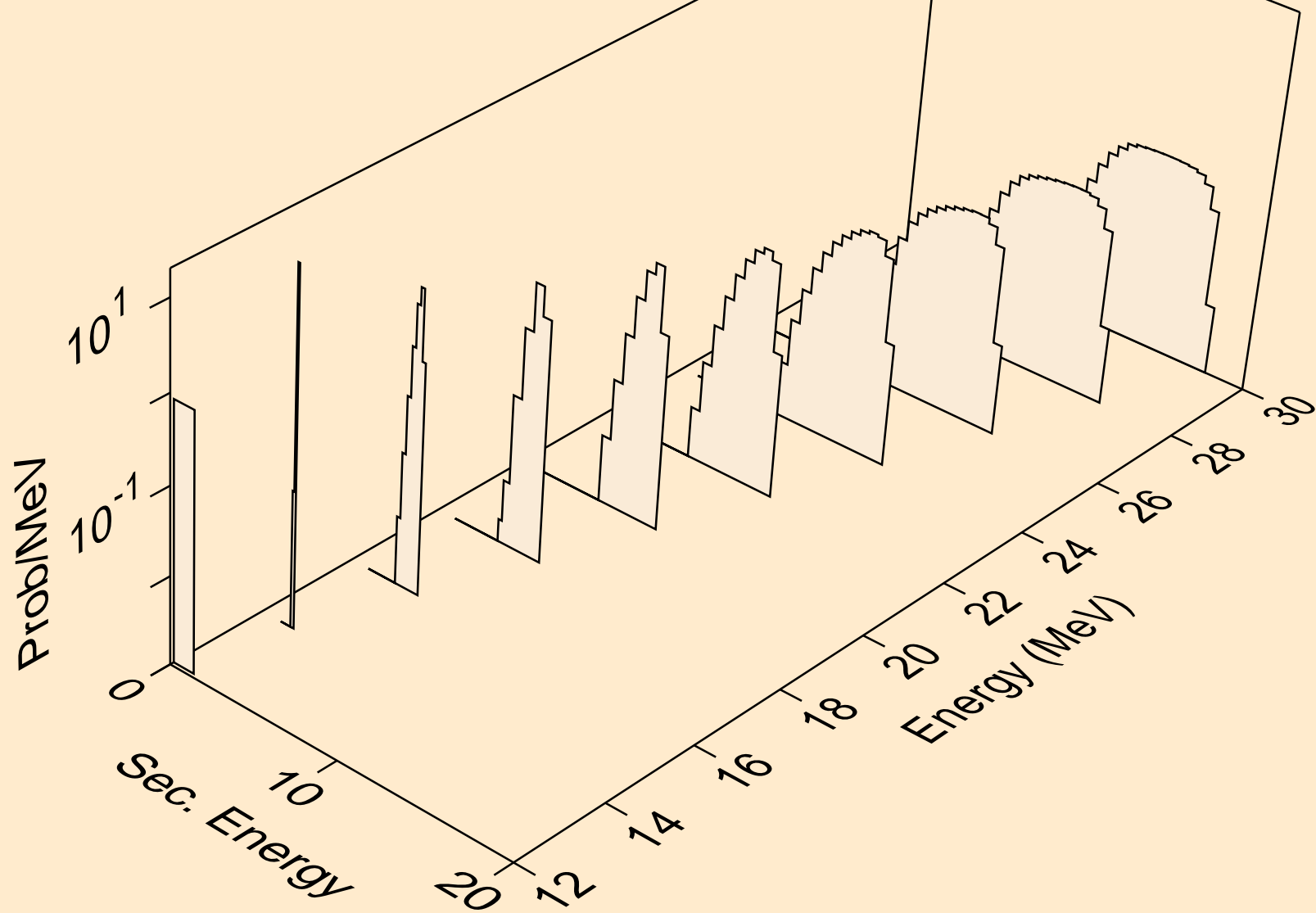
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



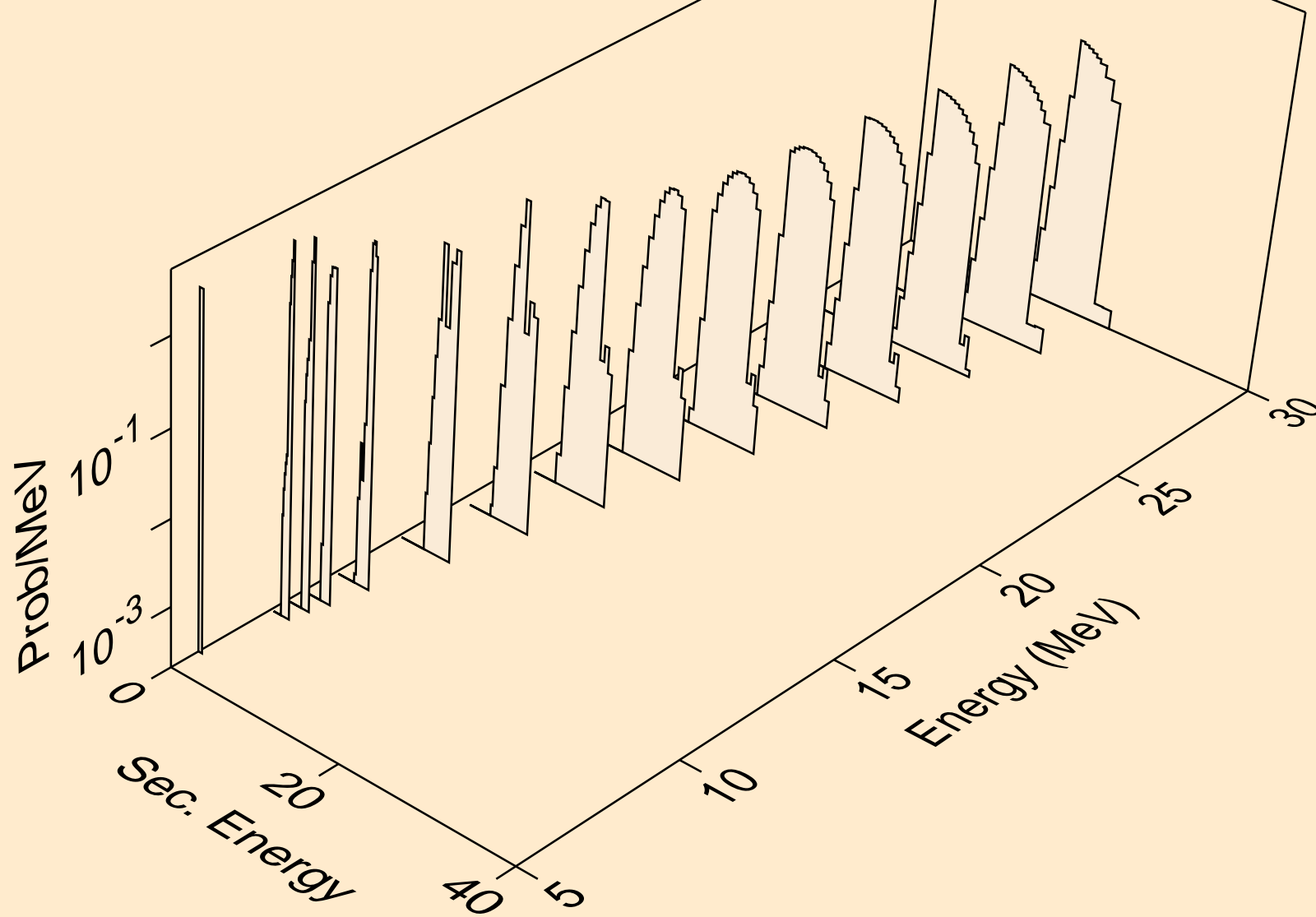
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



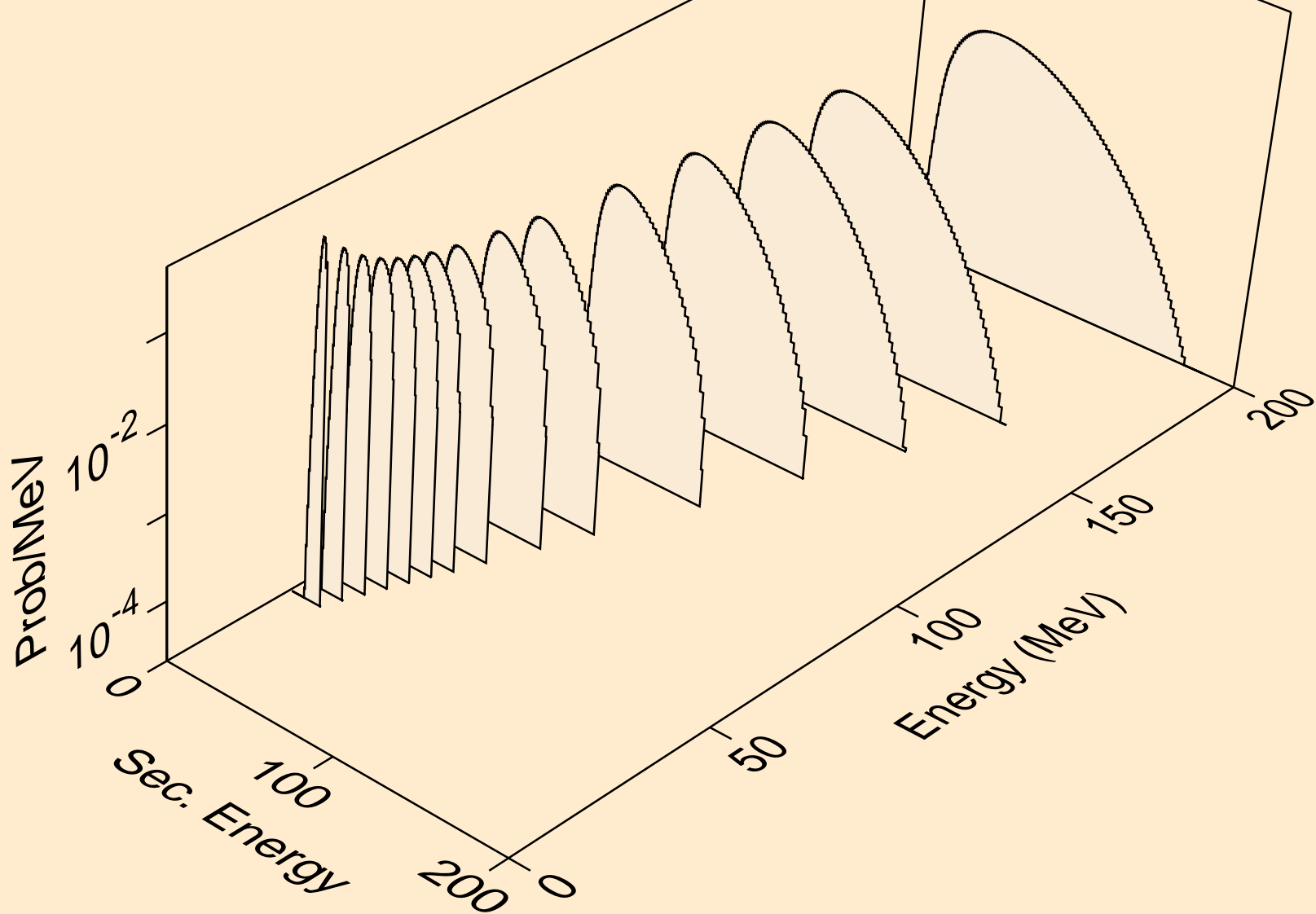
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



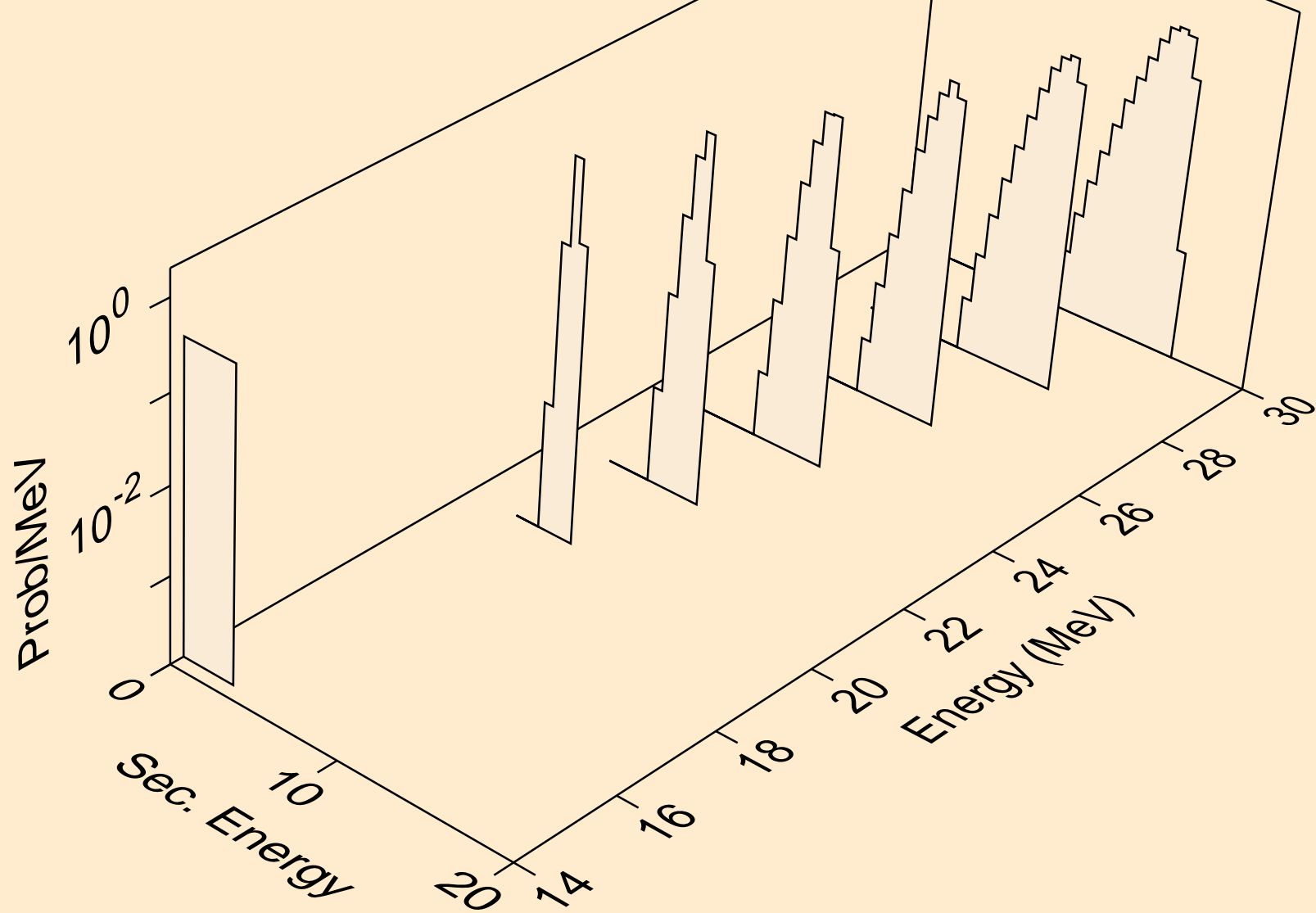
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



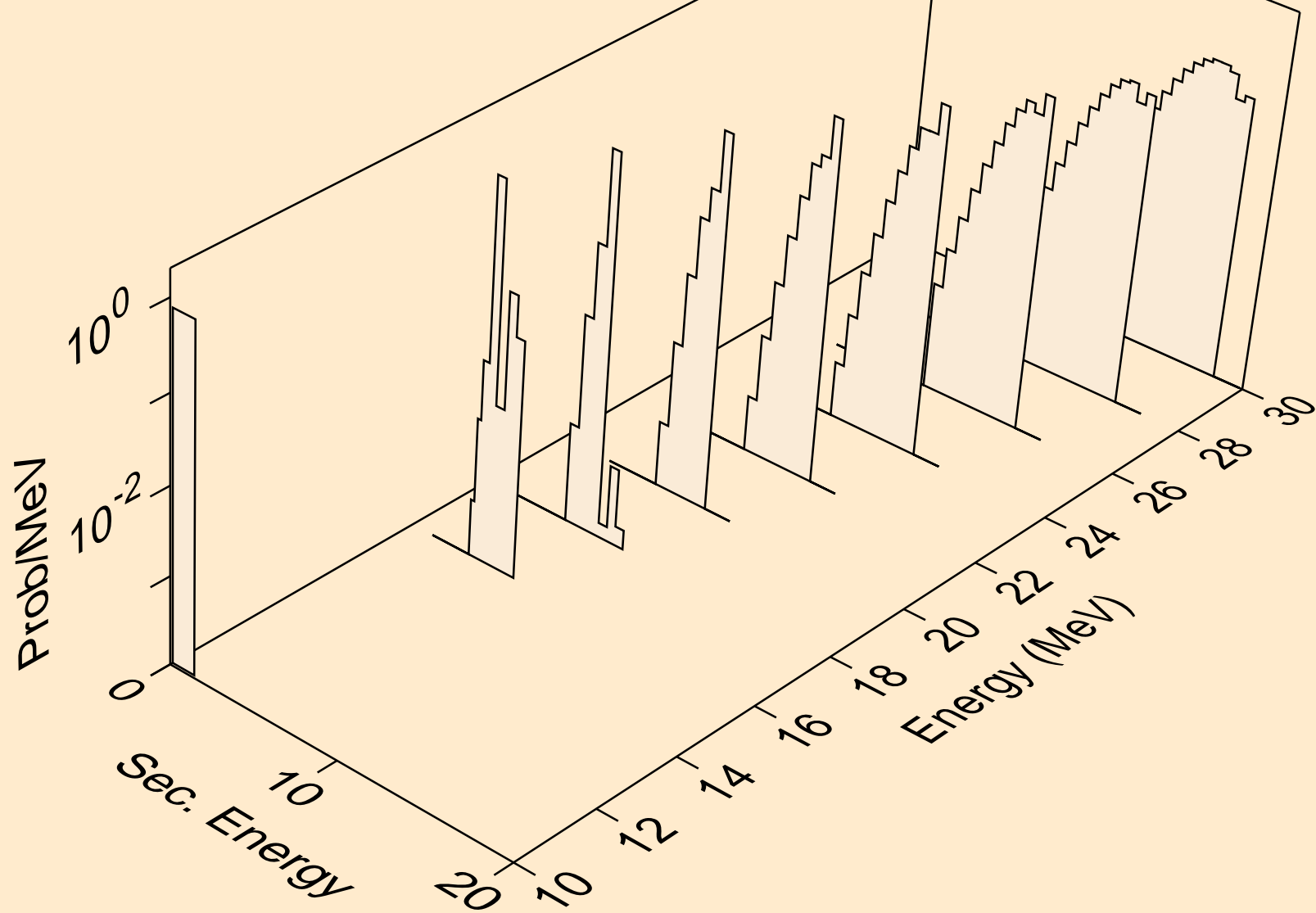
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



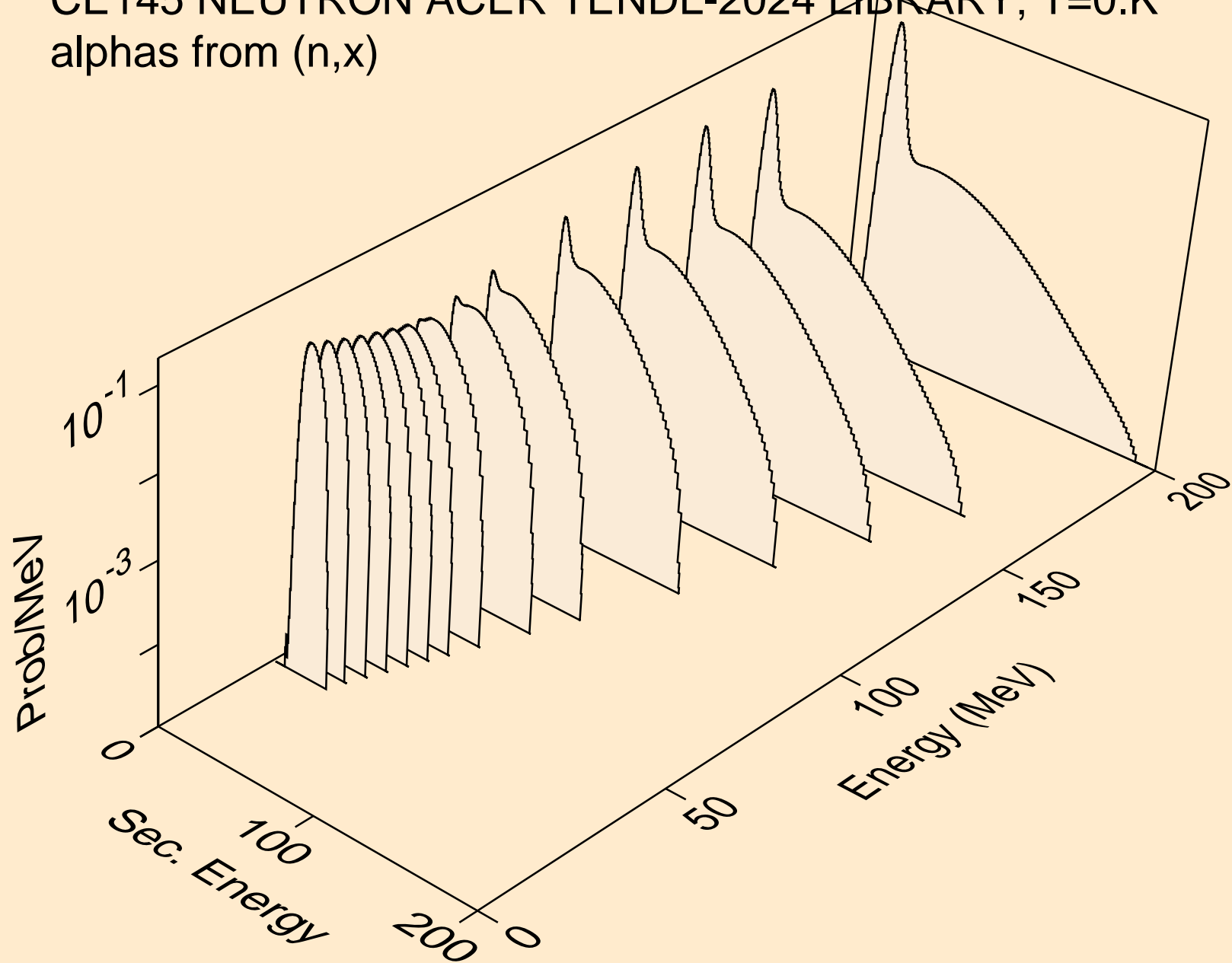
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



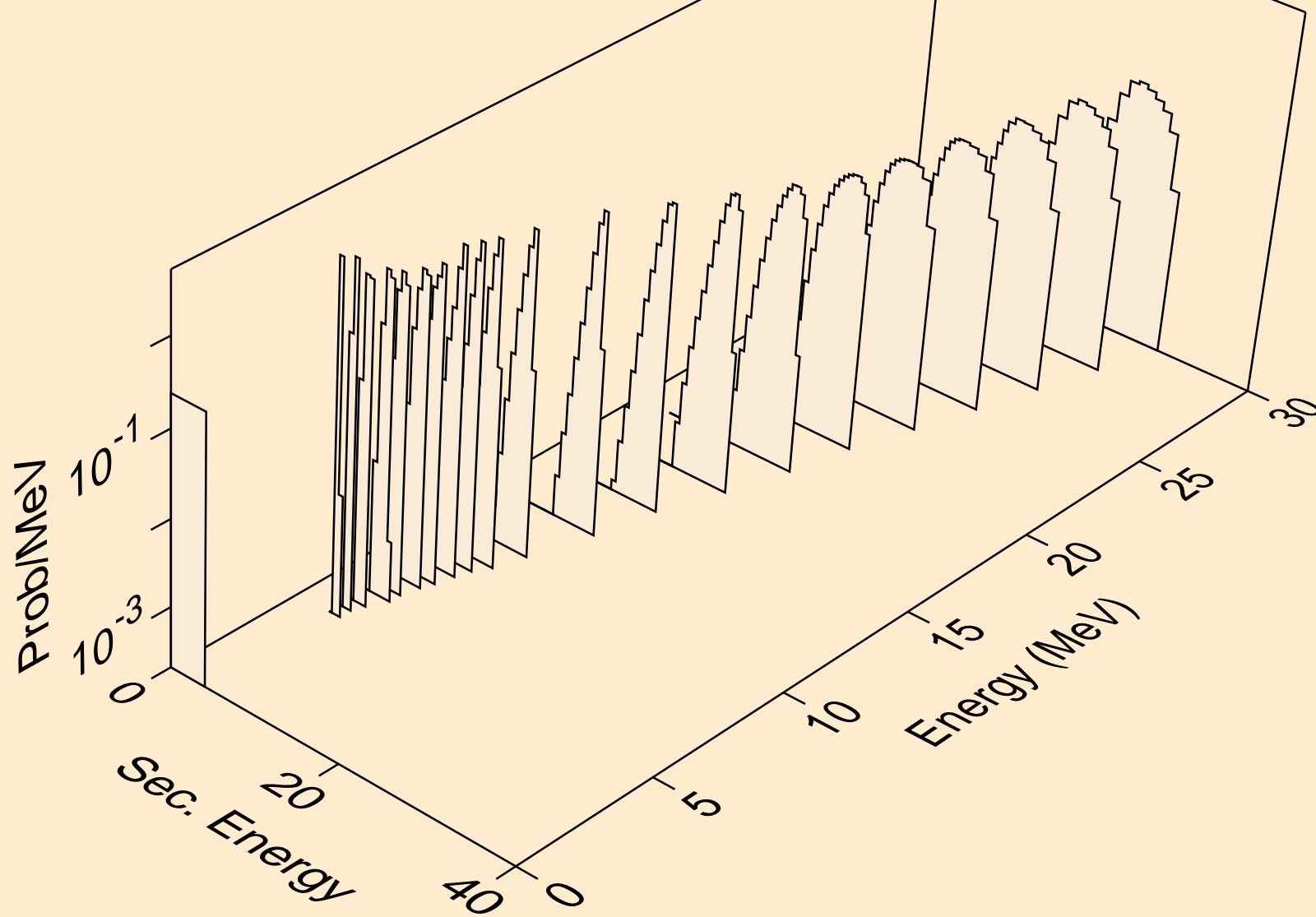
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



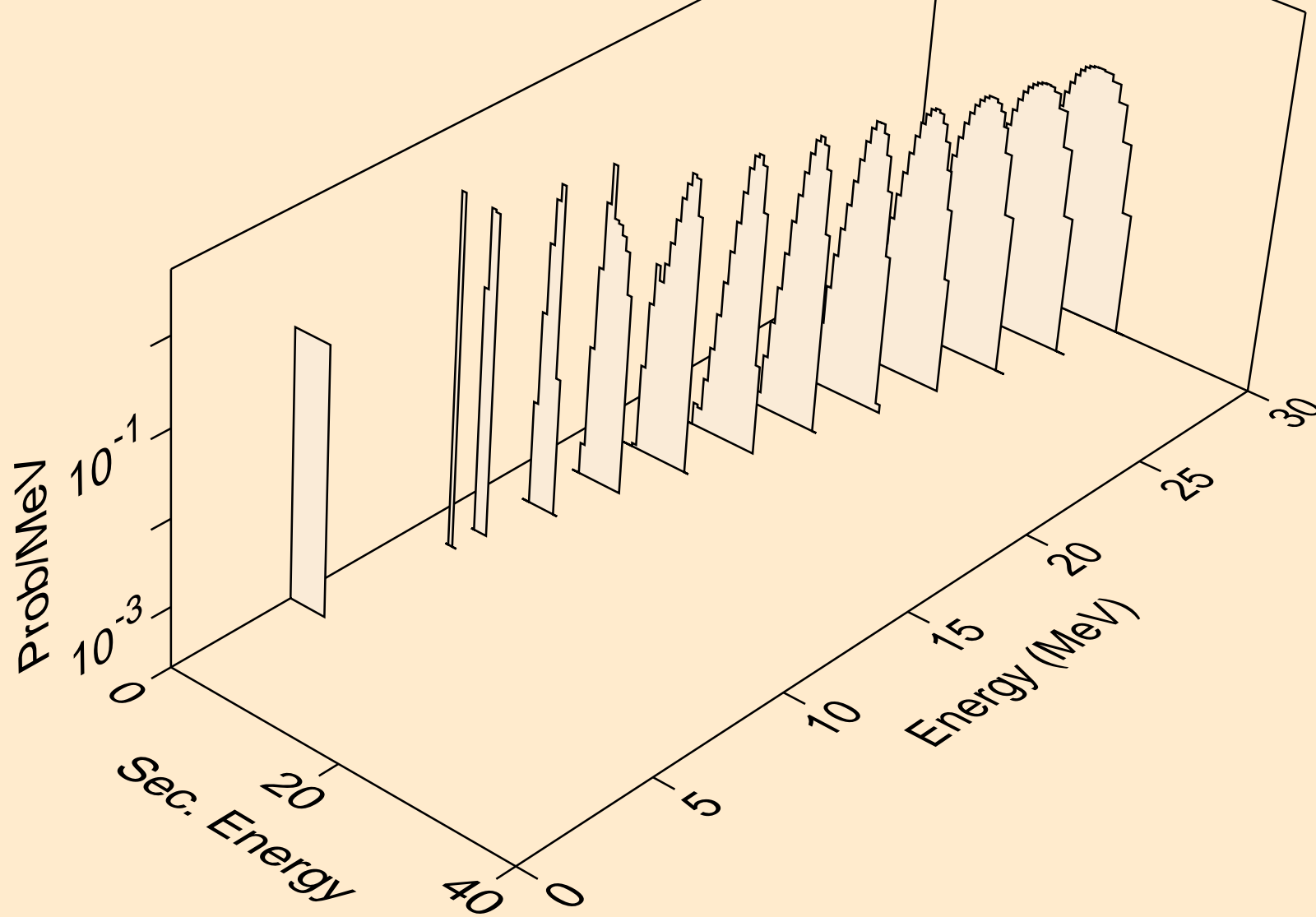
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



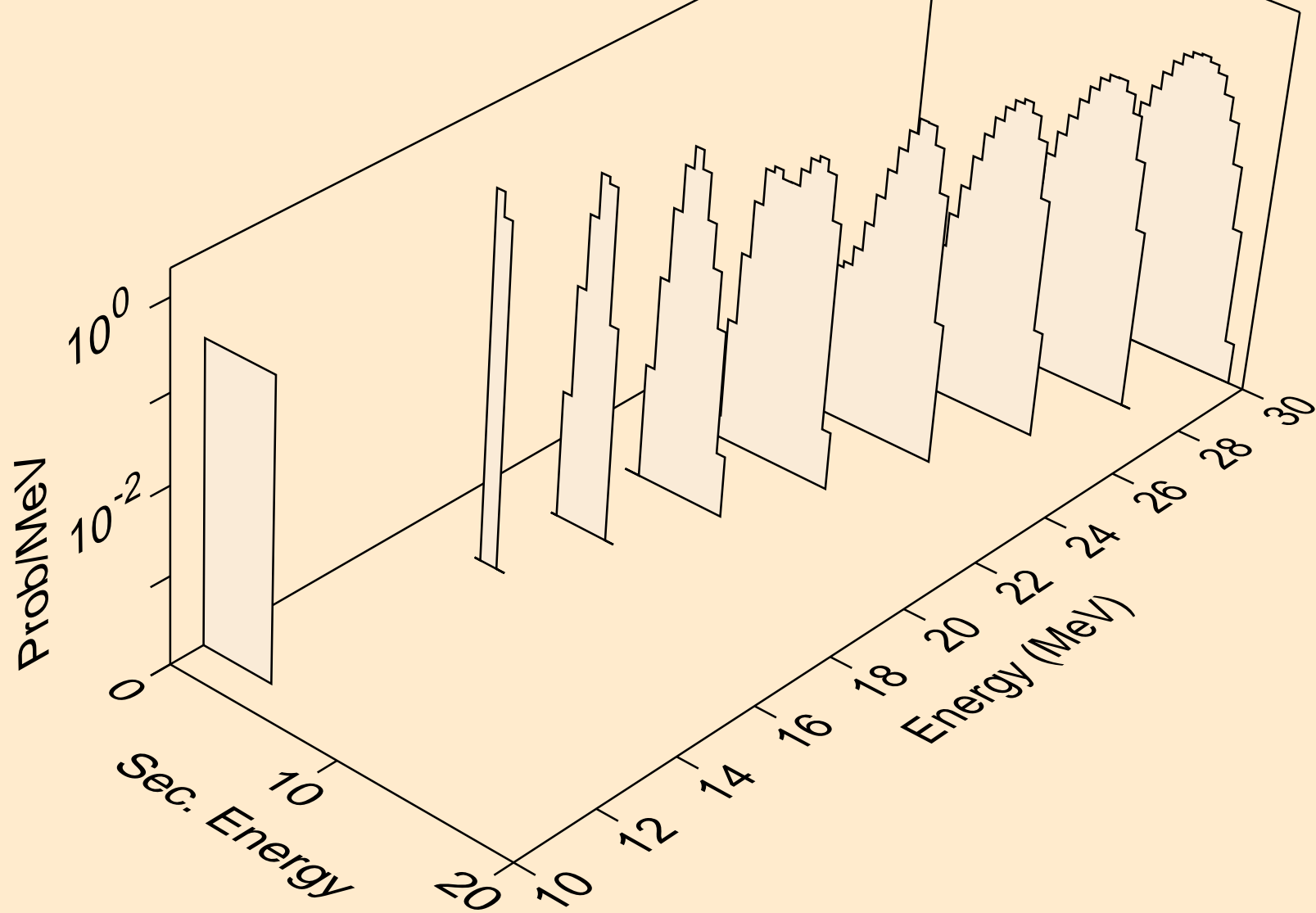
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



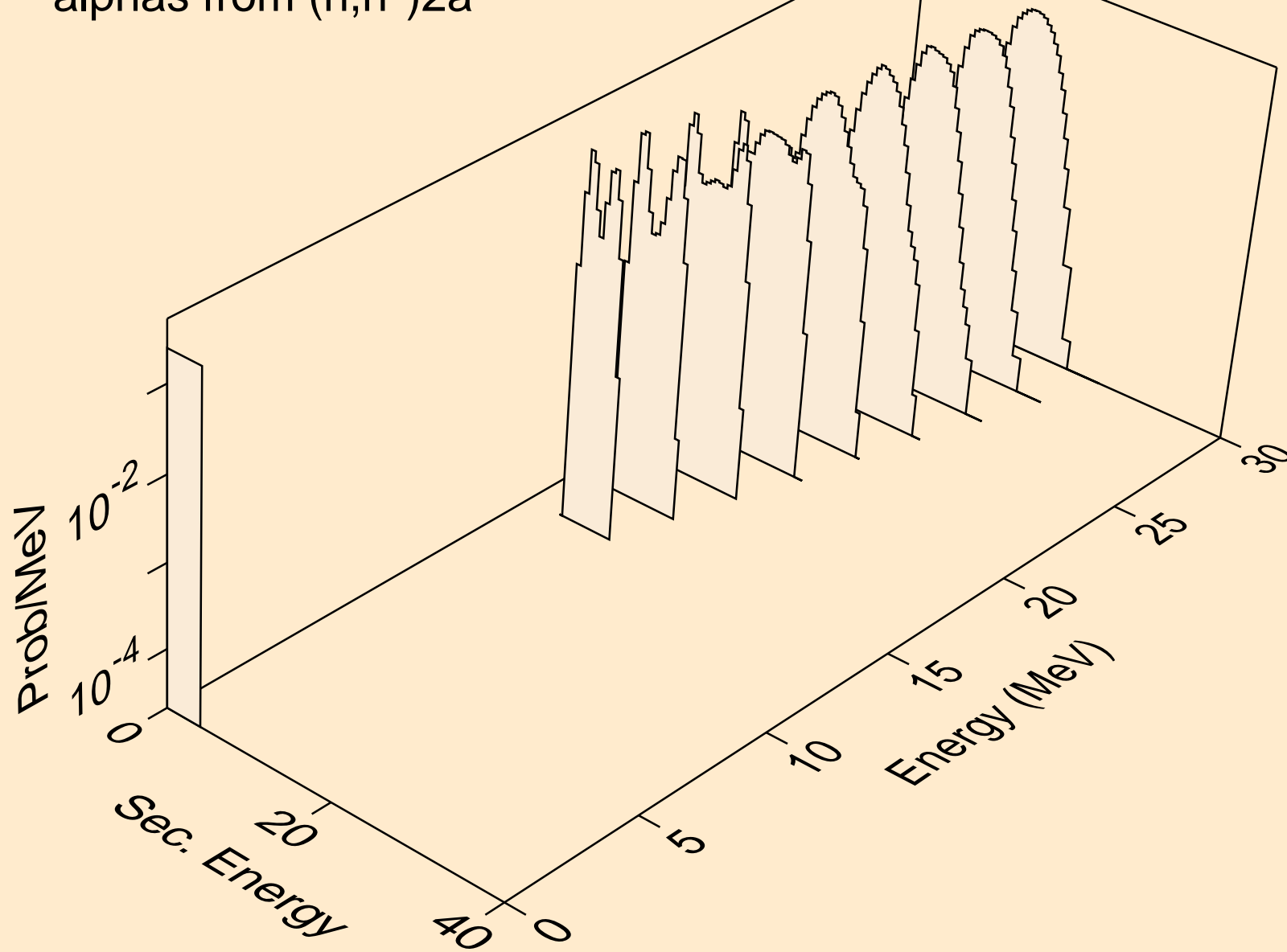
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



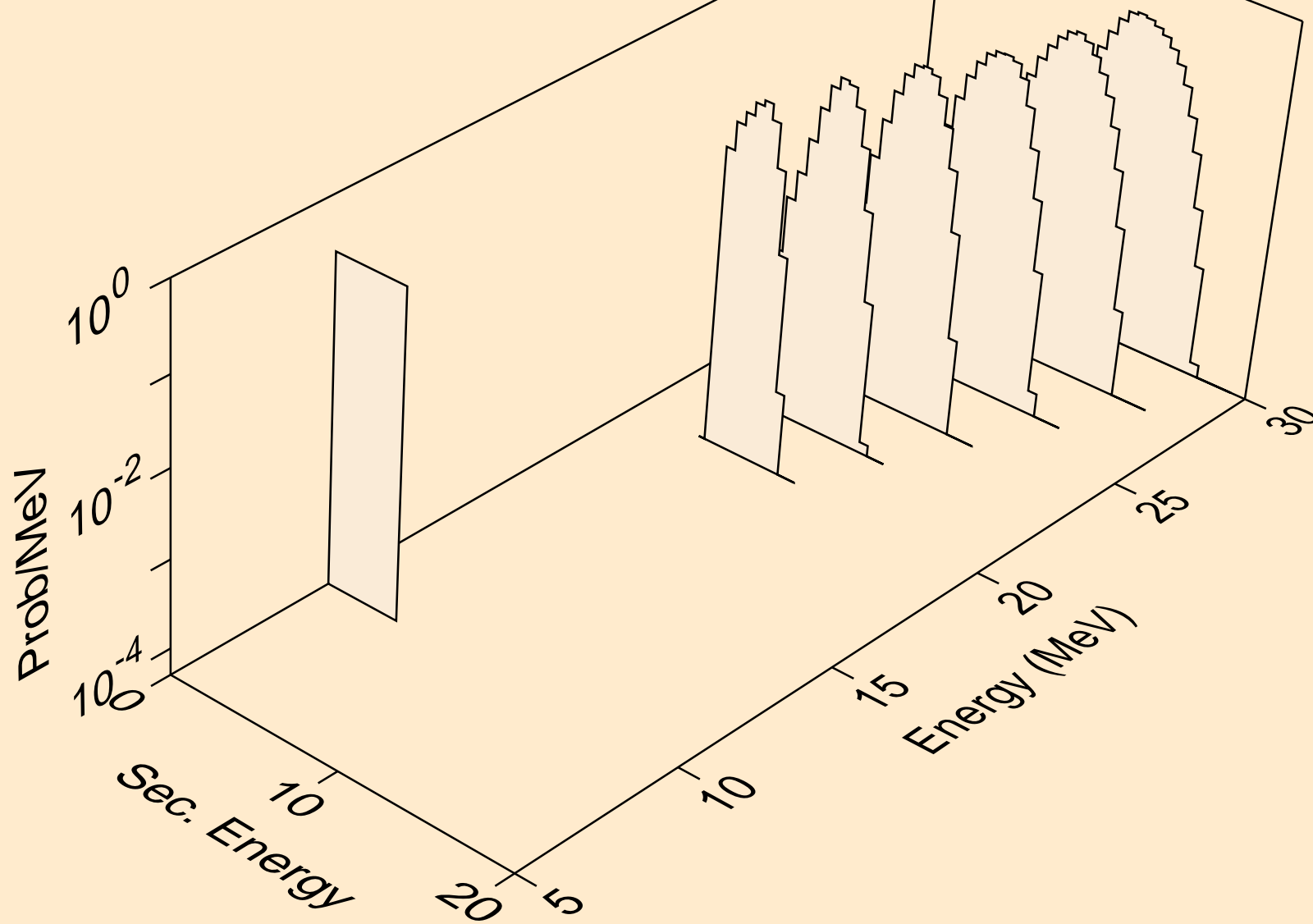
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



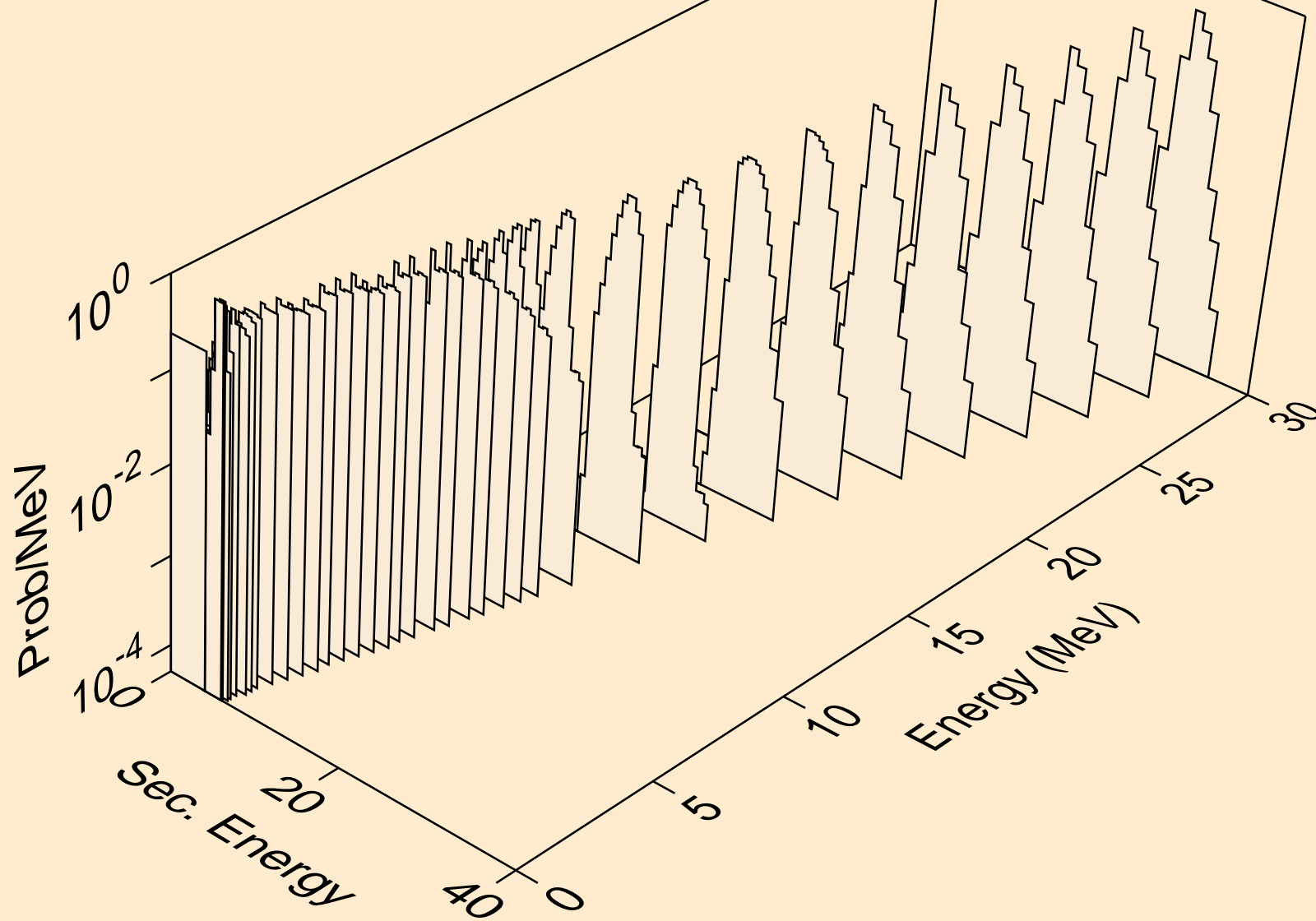
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



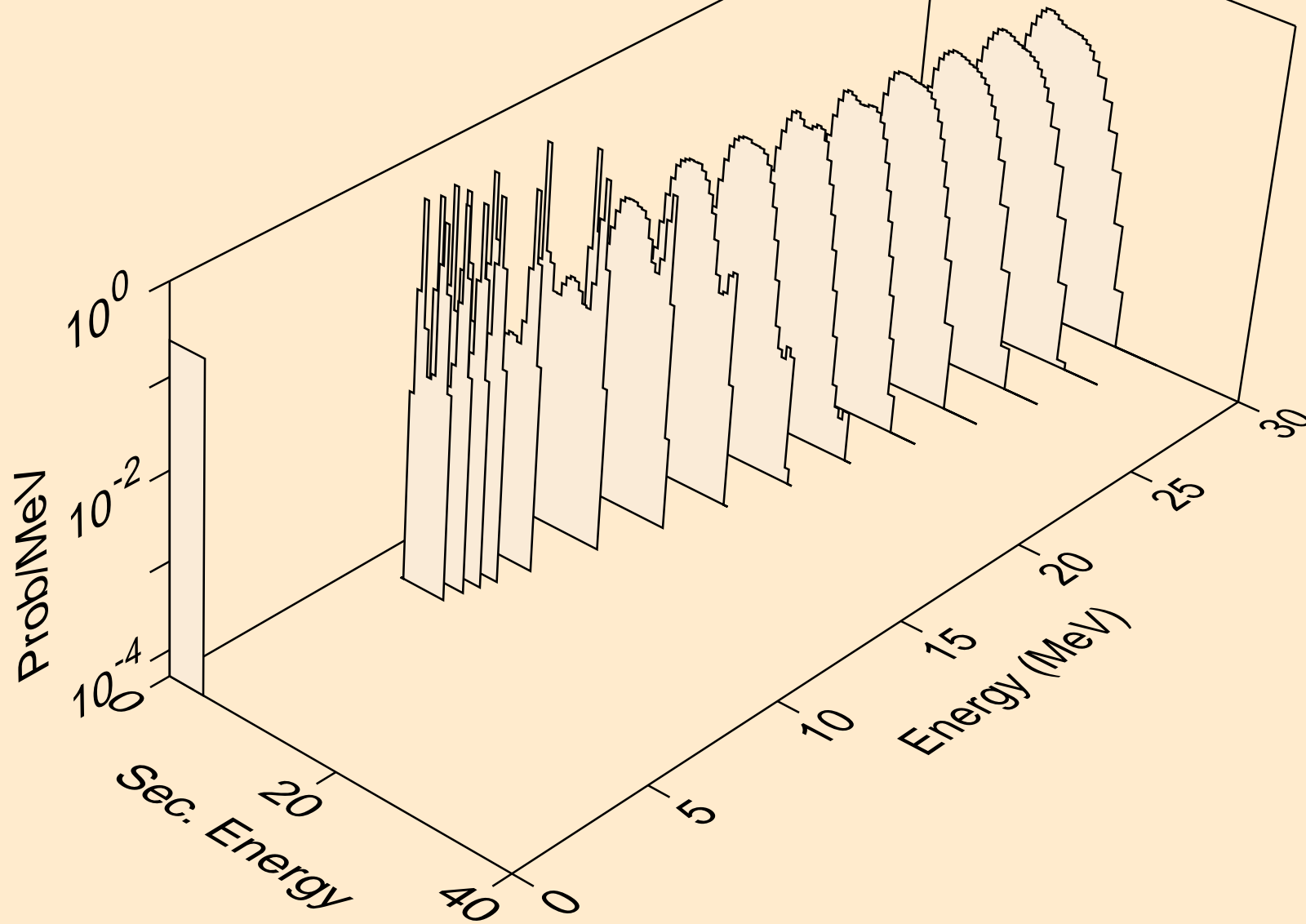
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



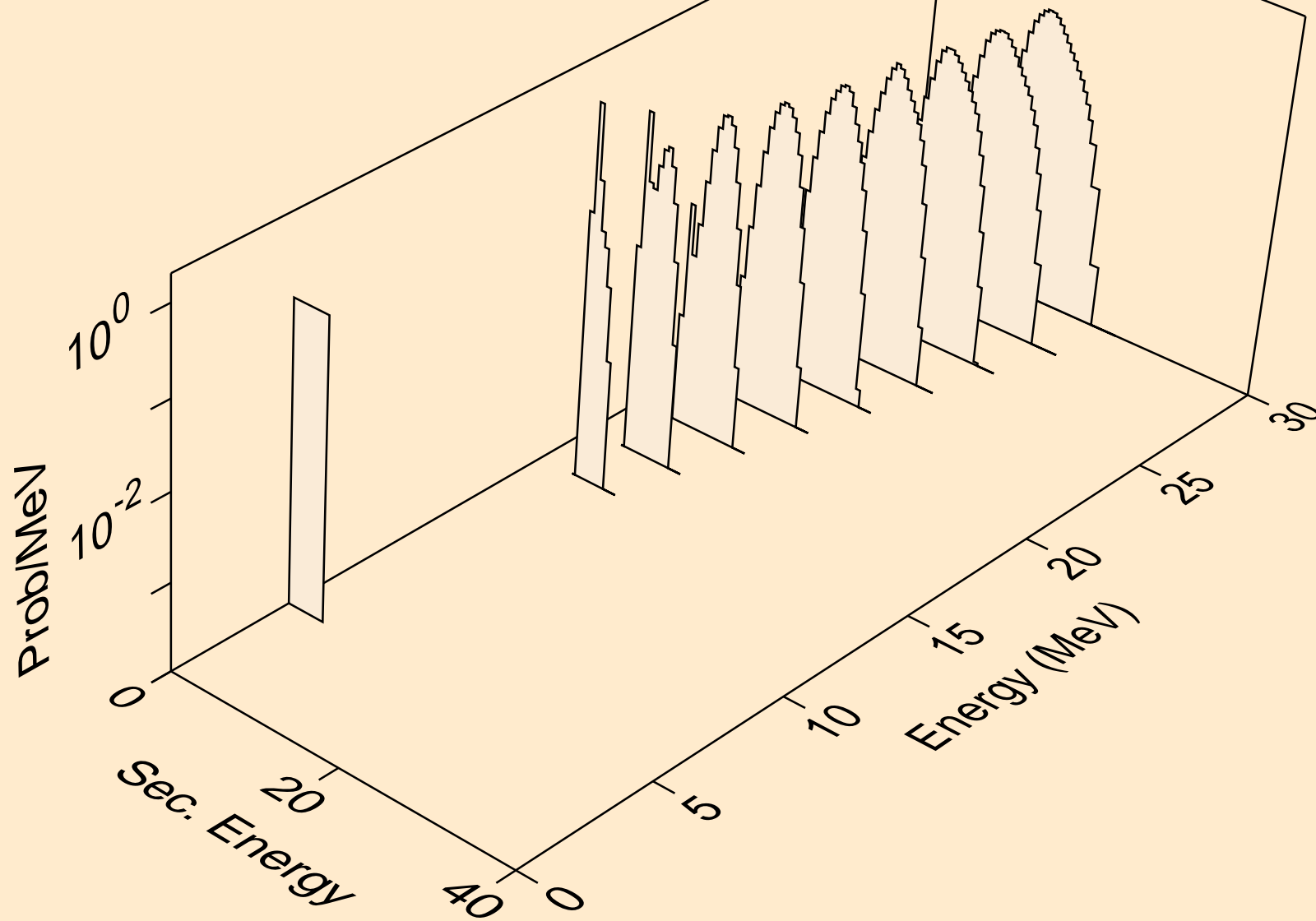
CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



CE145 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

