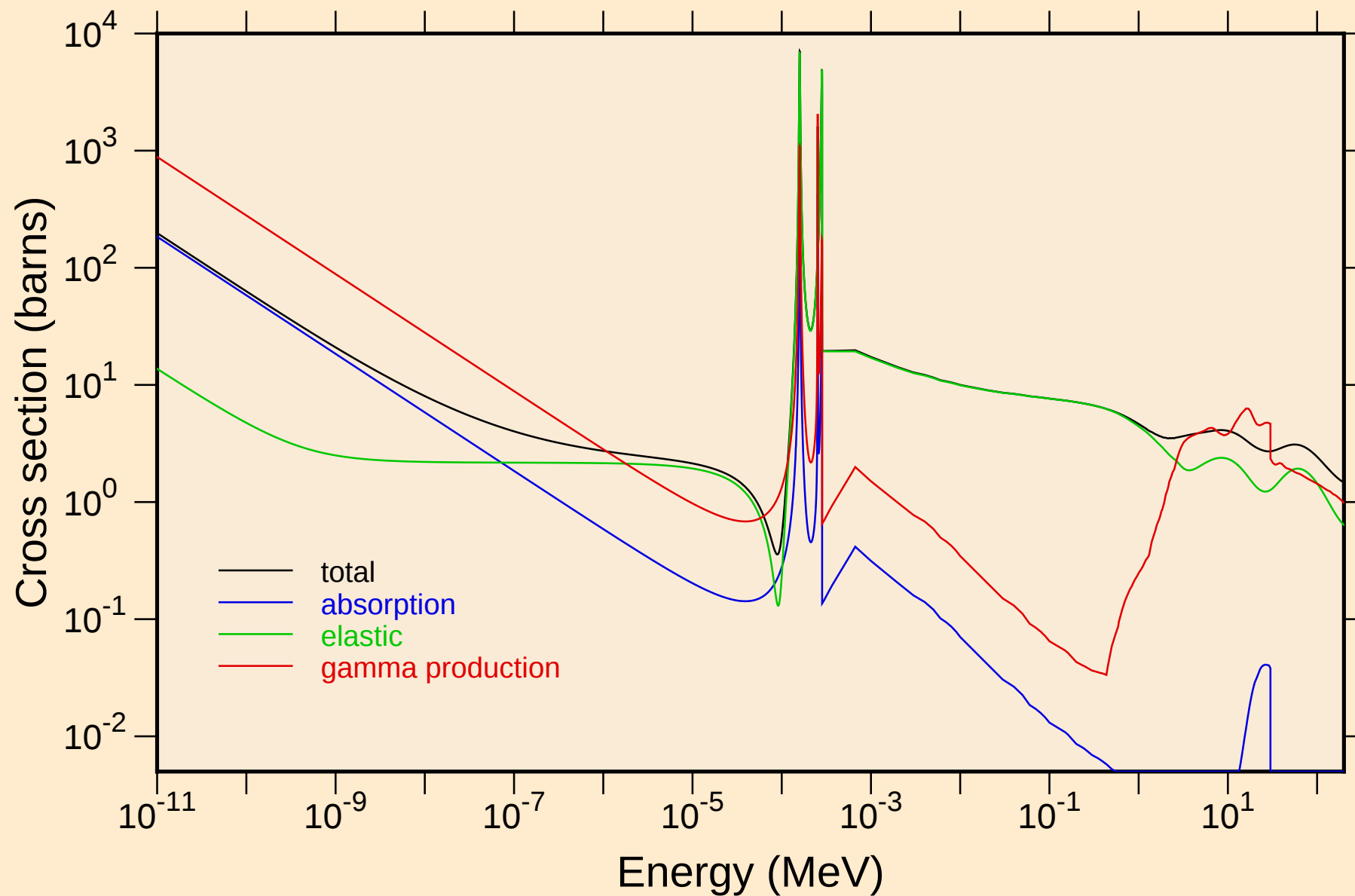
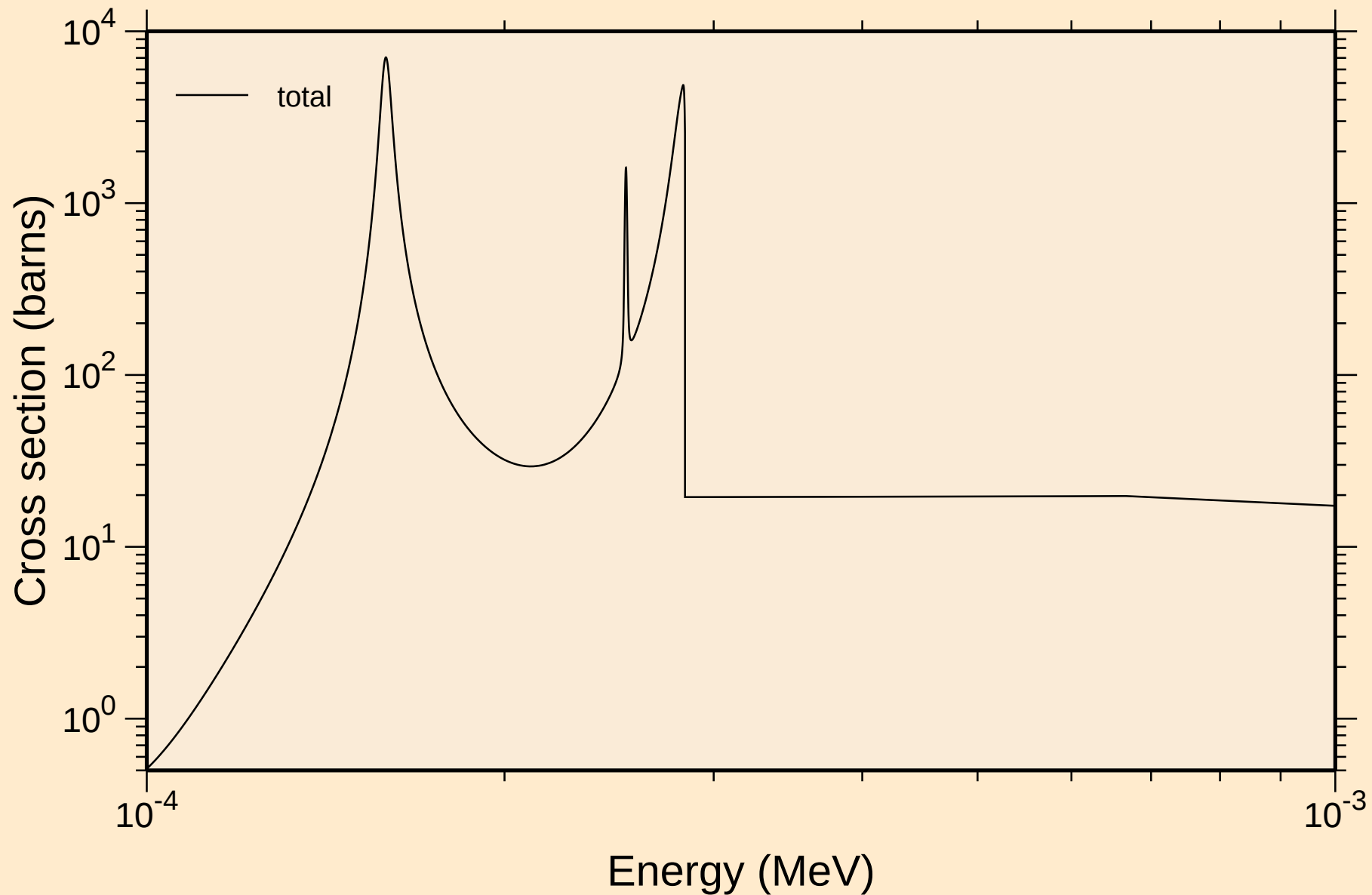


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

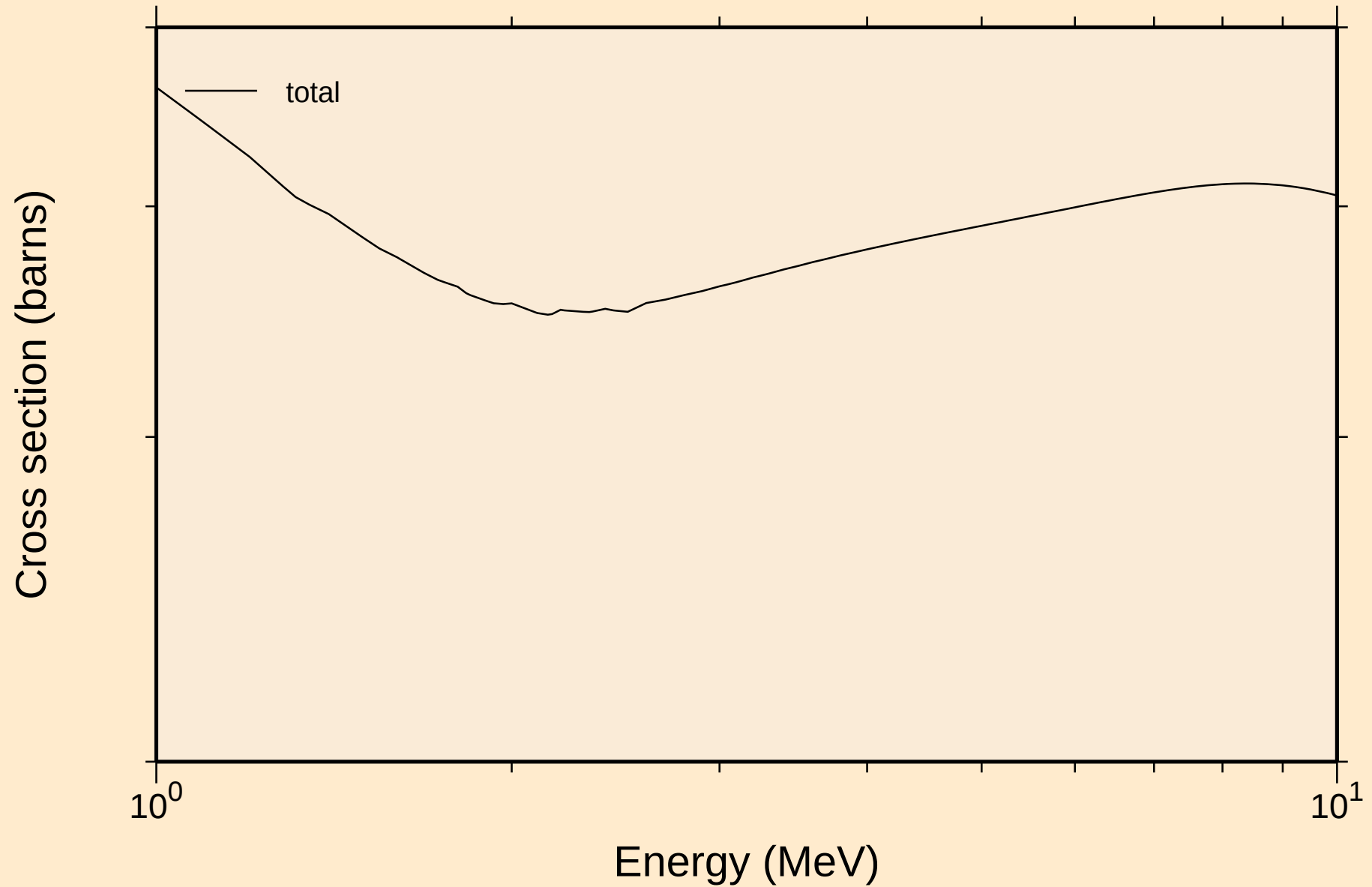
Principal cross sections



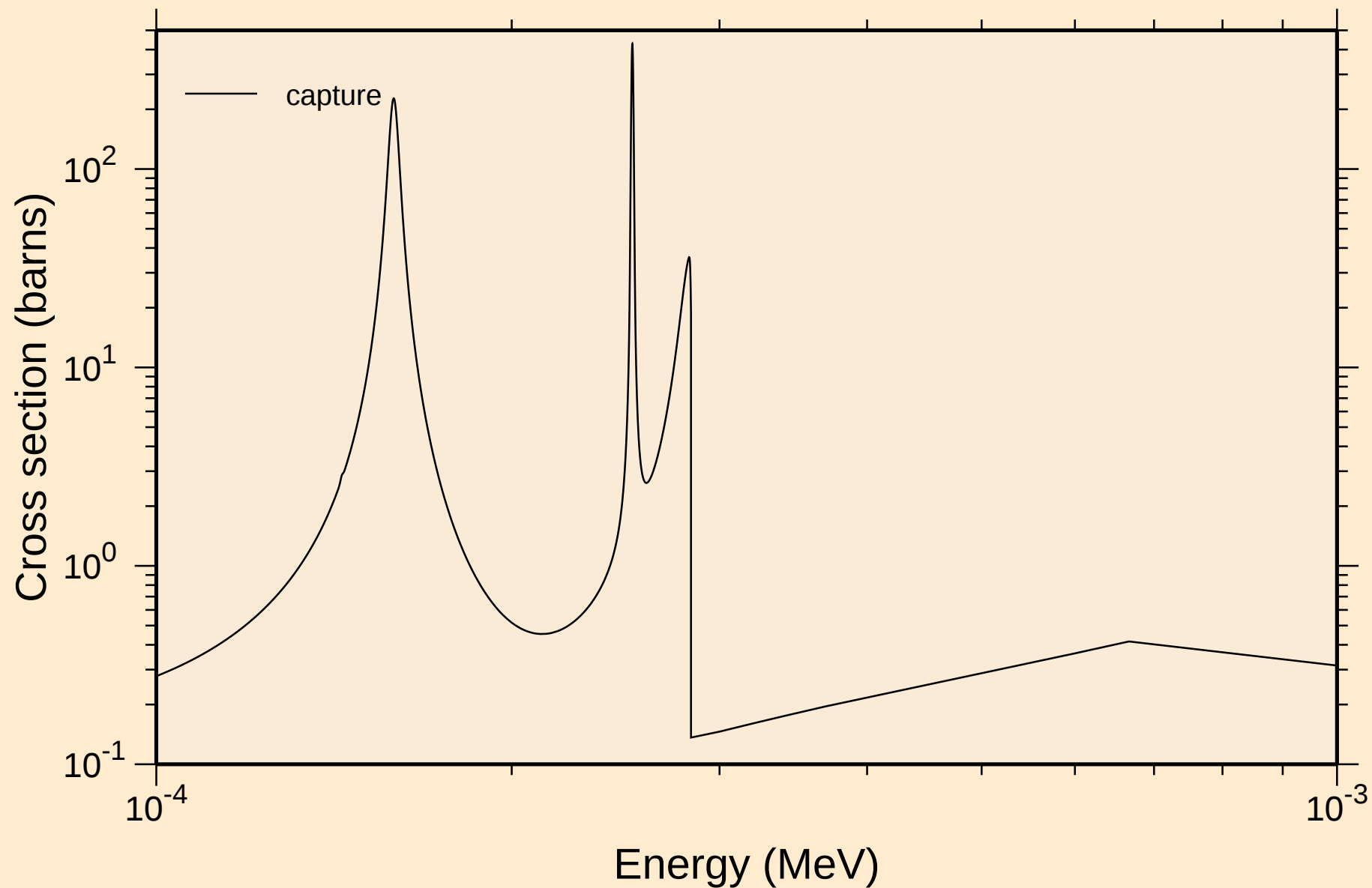
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



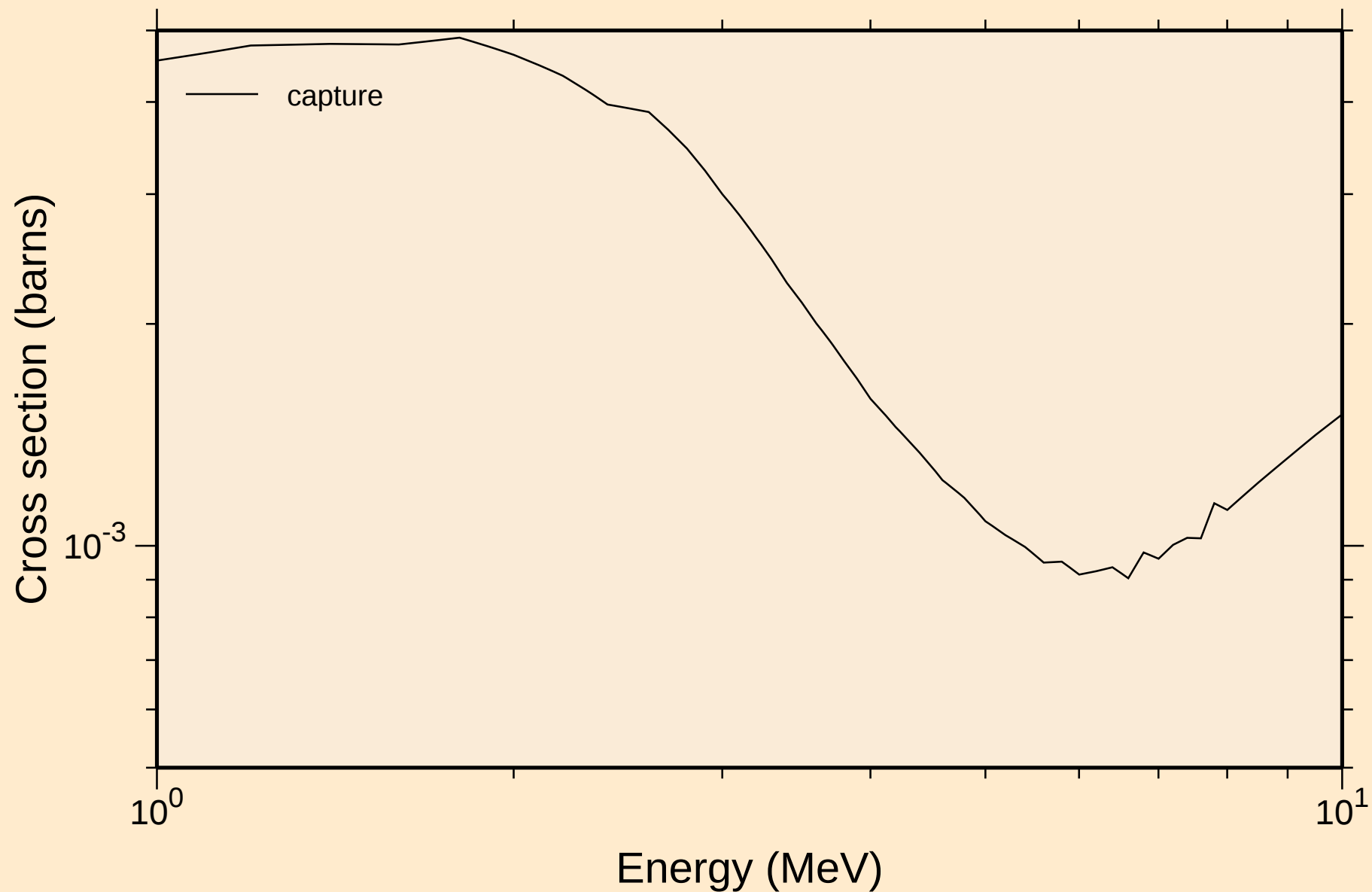
S $\bar{E}$ 083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

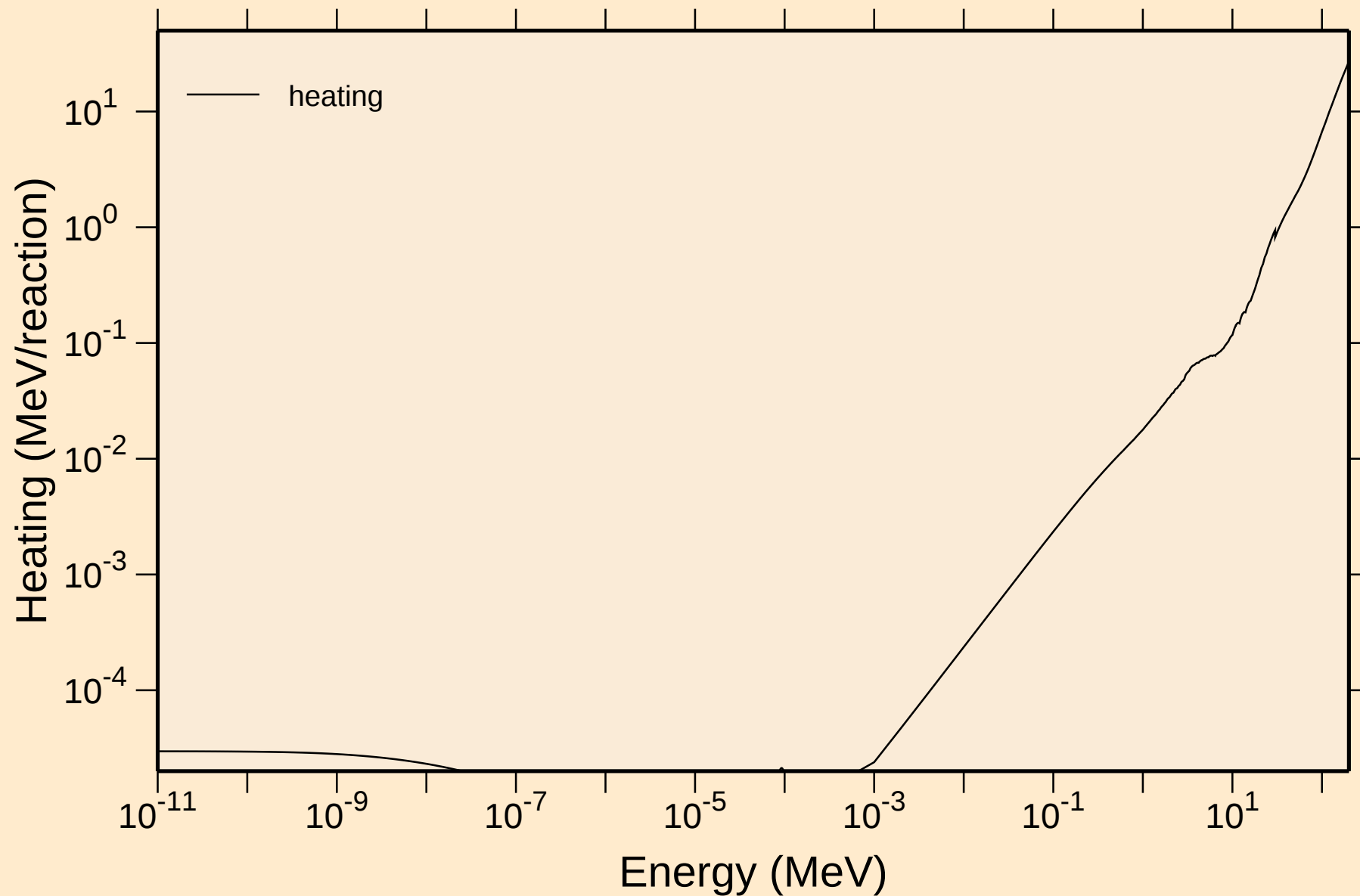


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

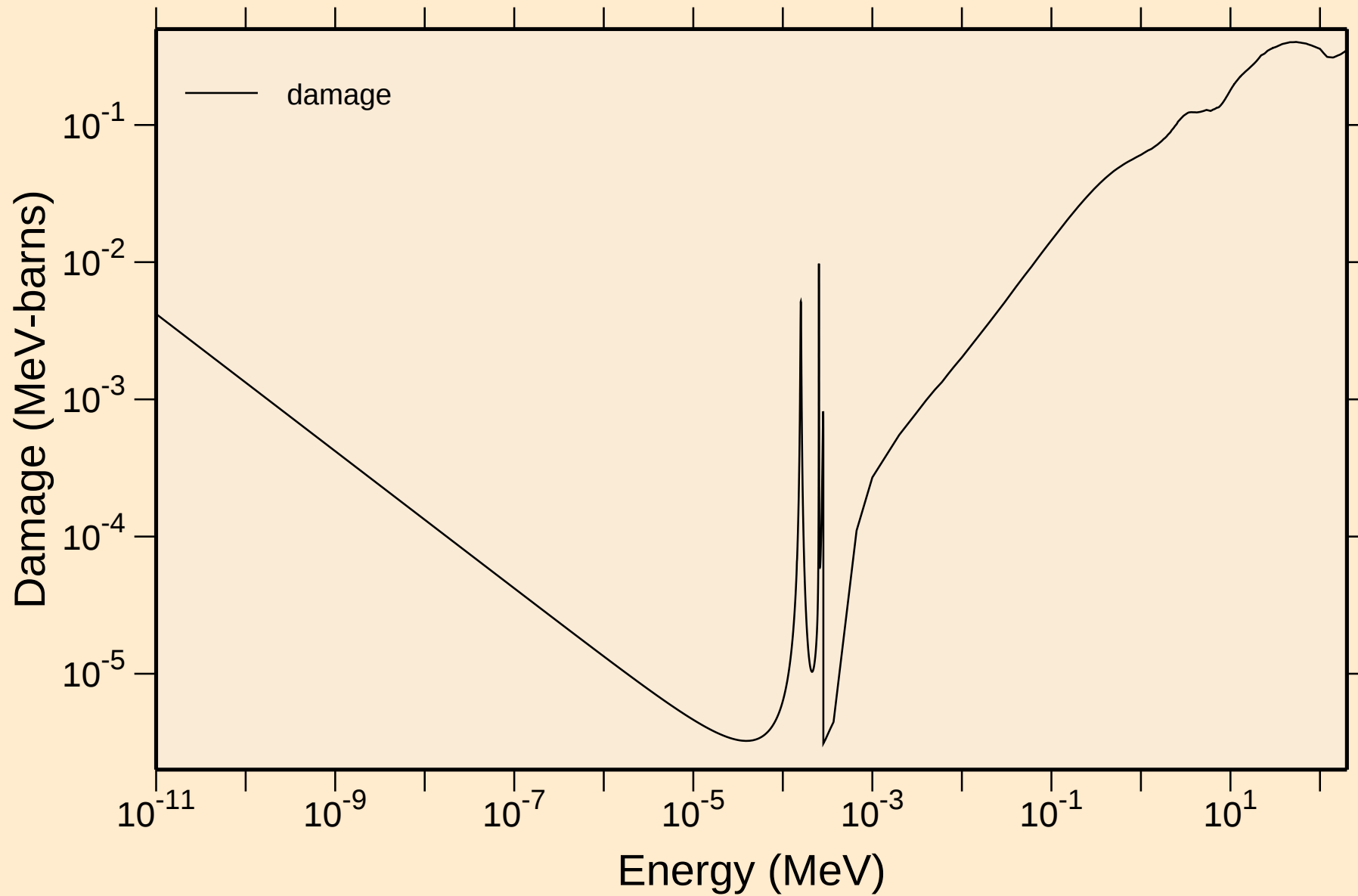


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

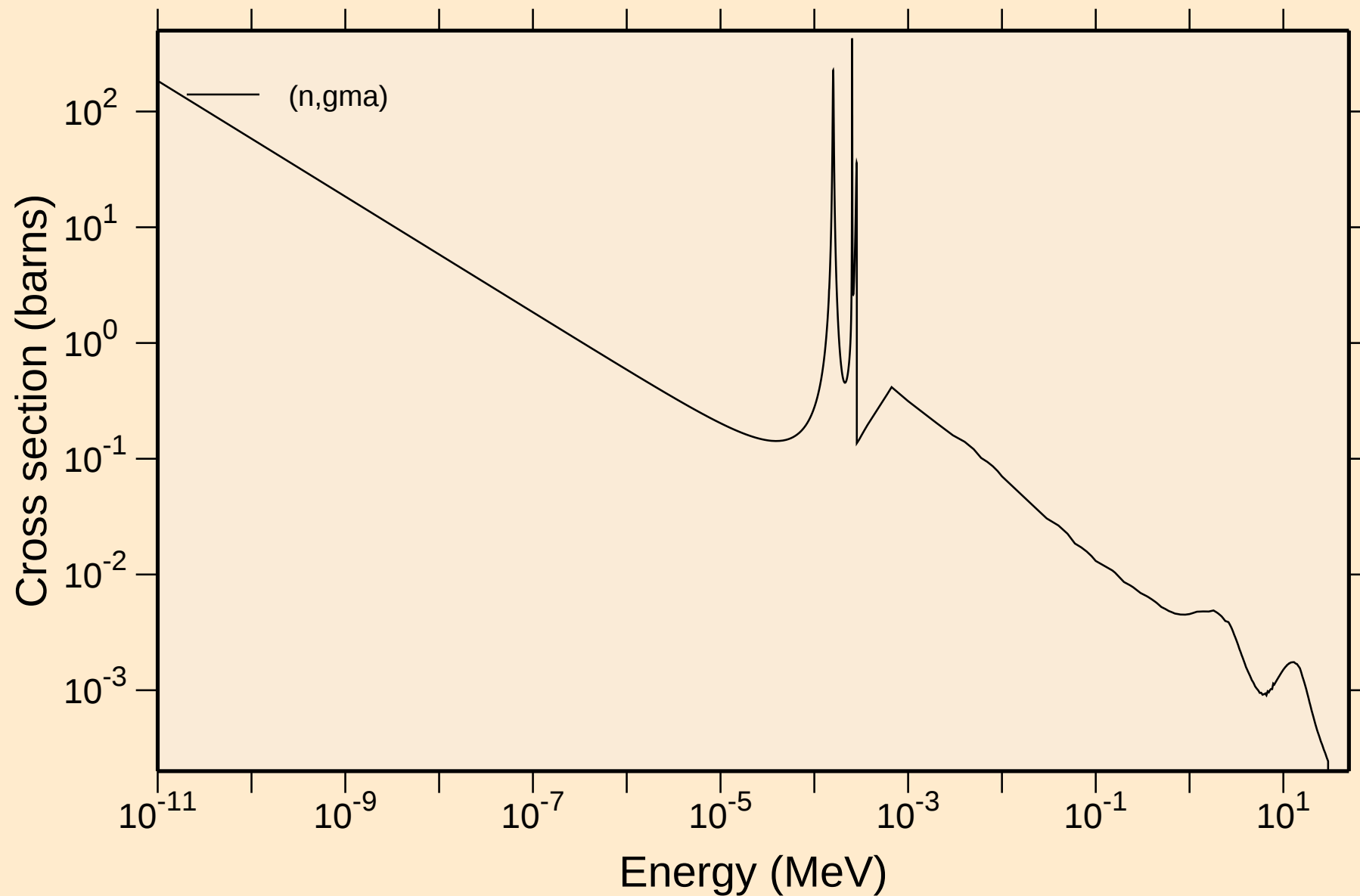
Heating



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

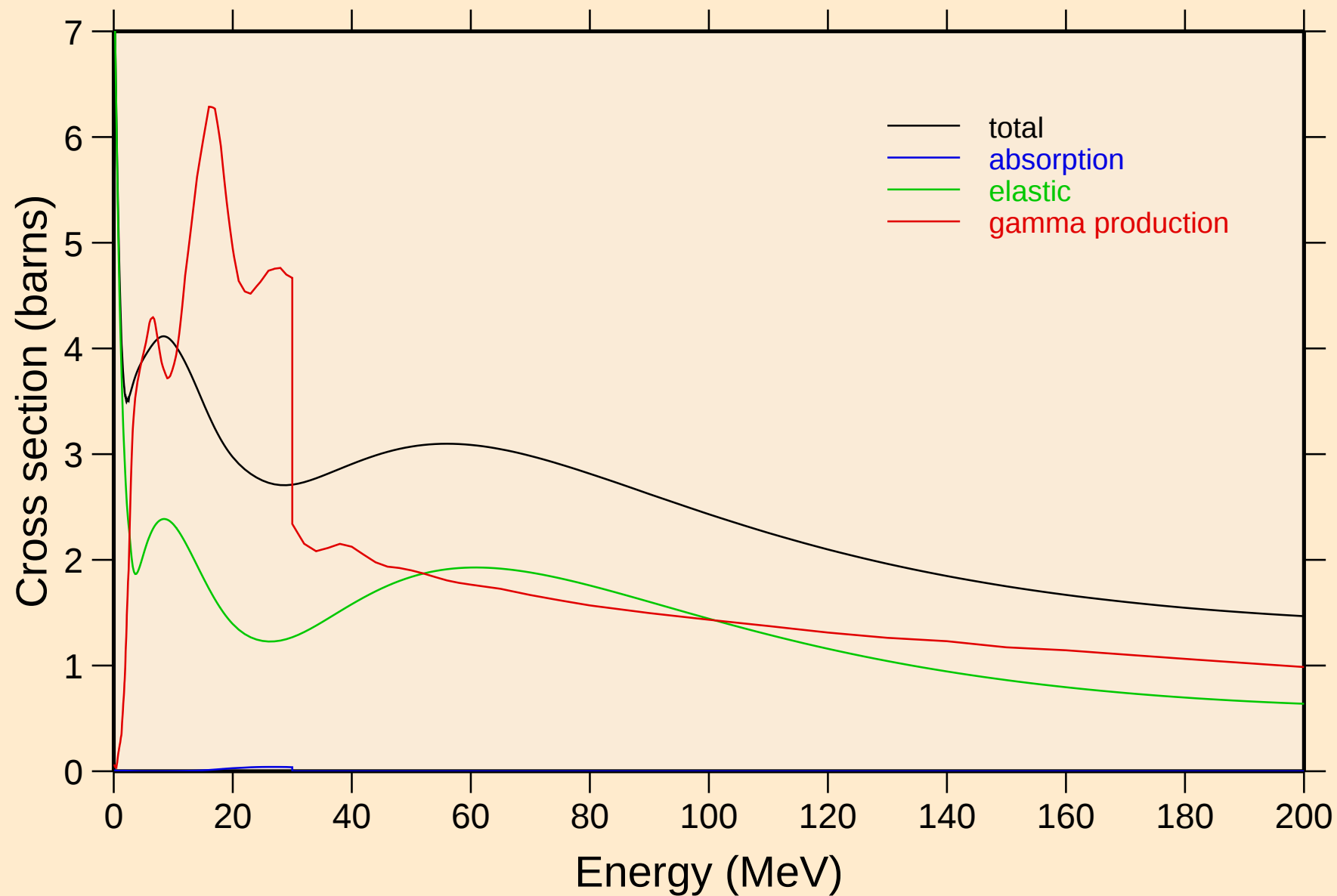


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



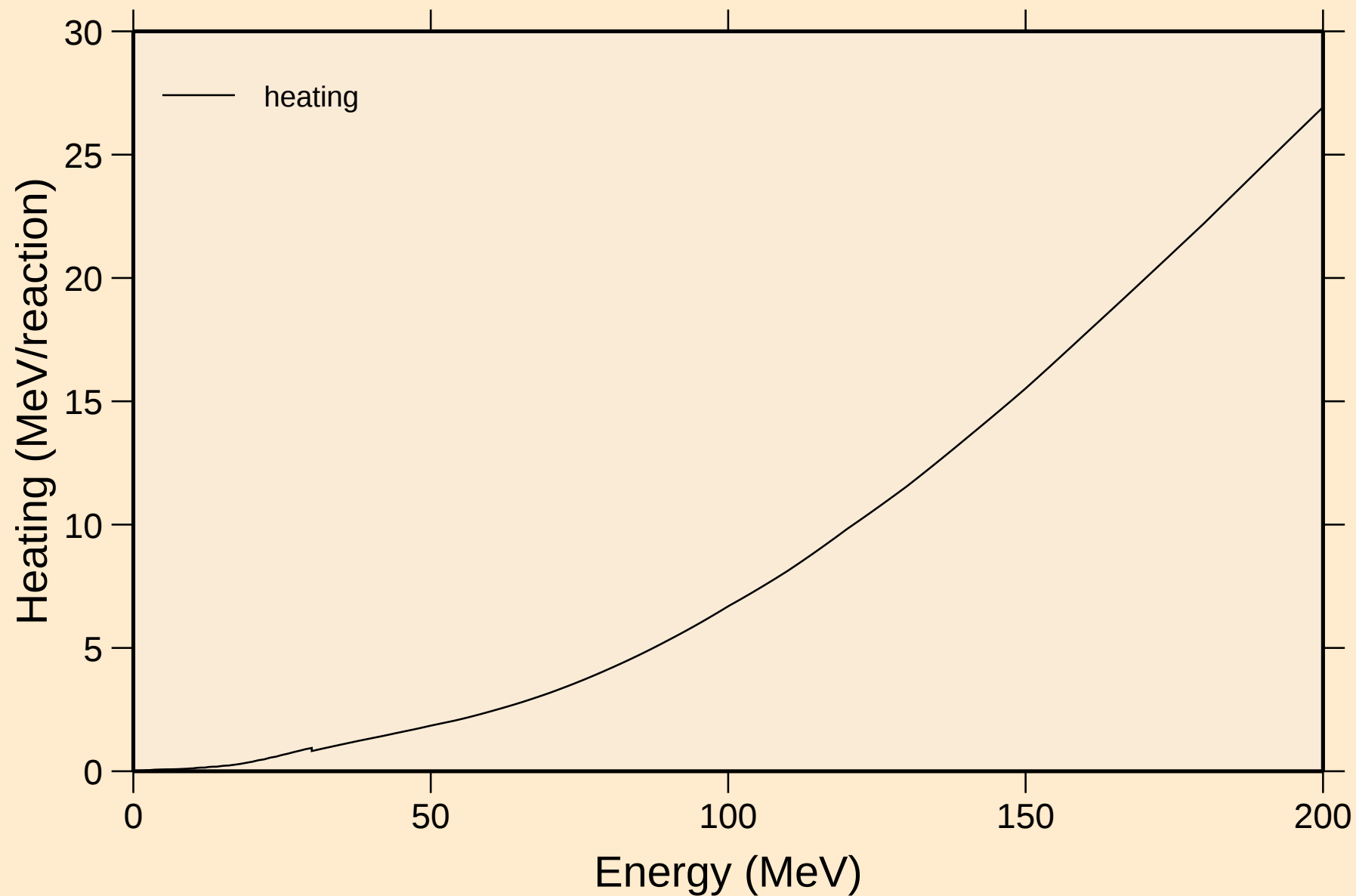
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



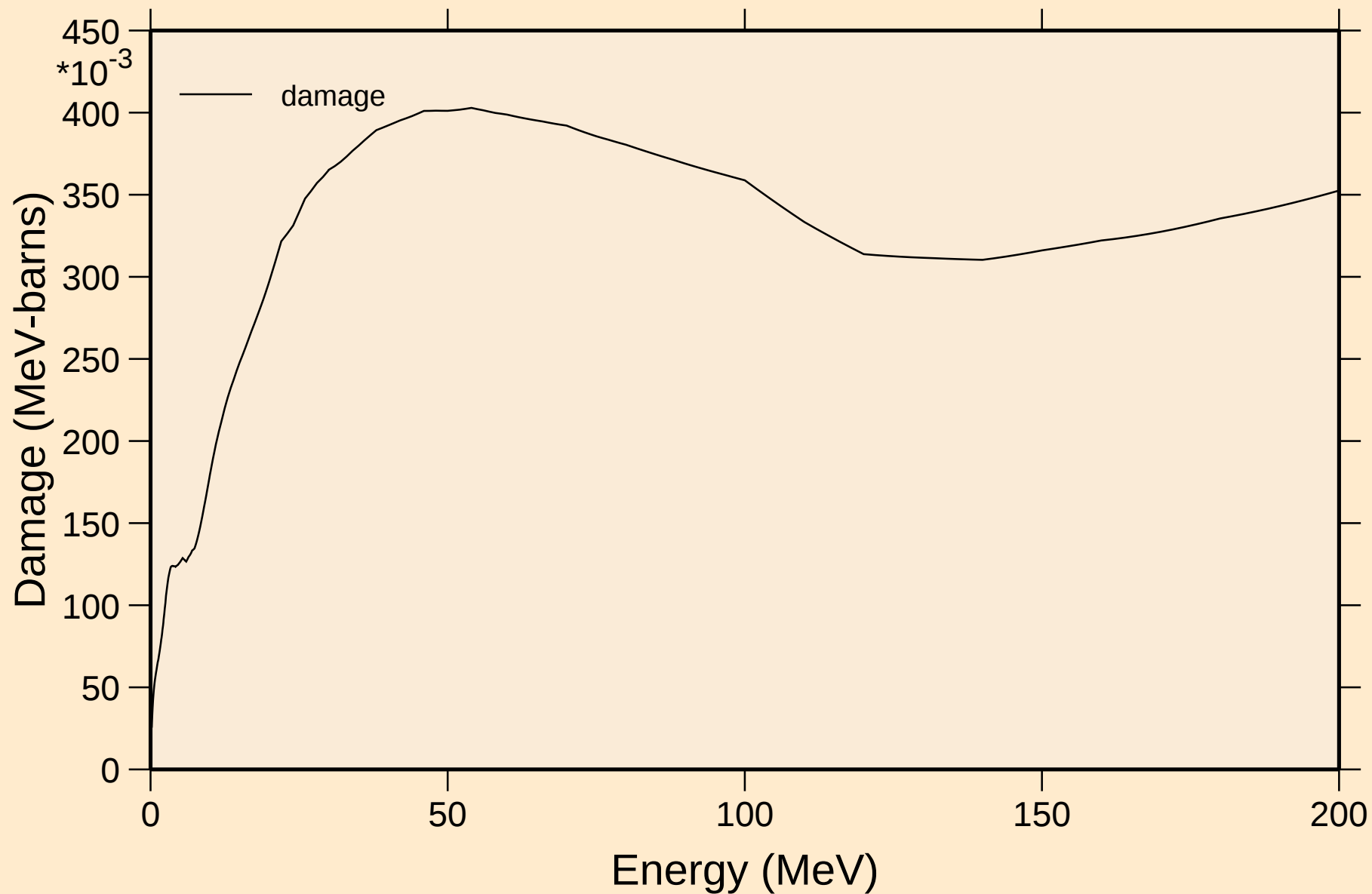
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

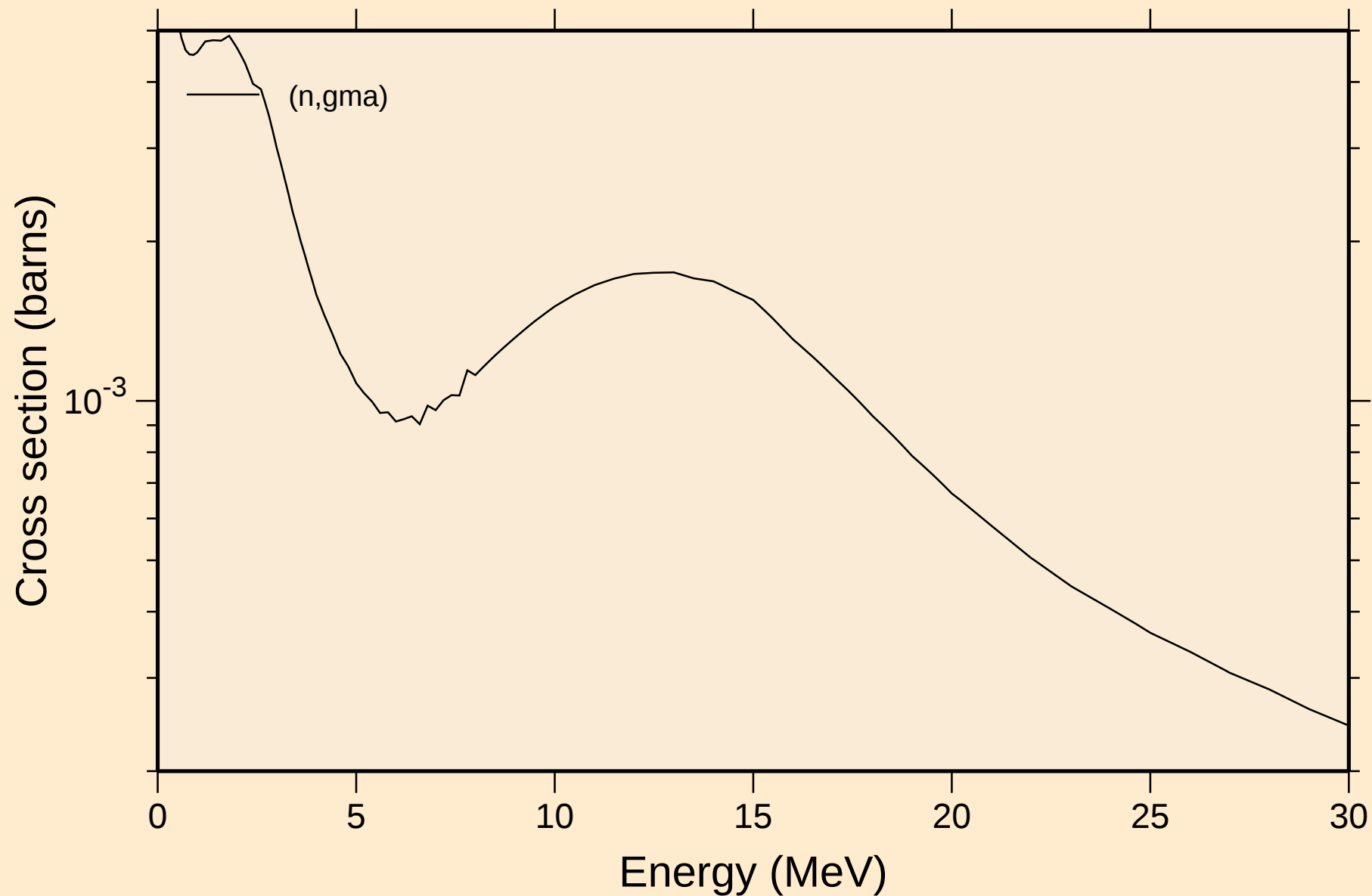


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

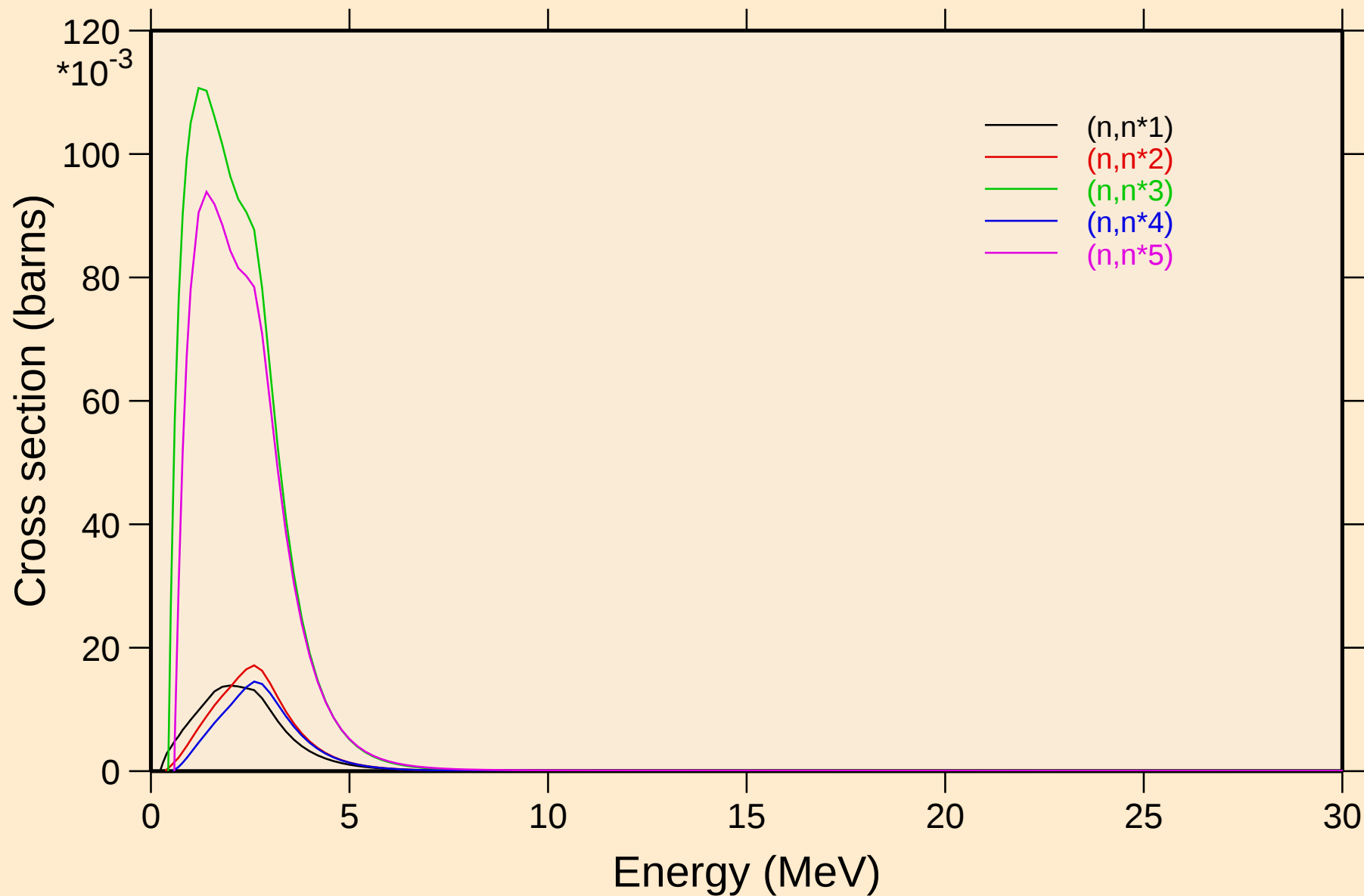
Damage



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

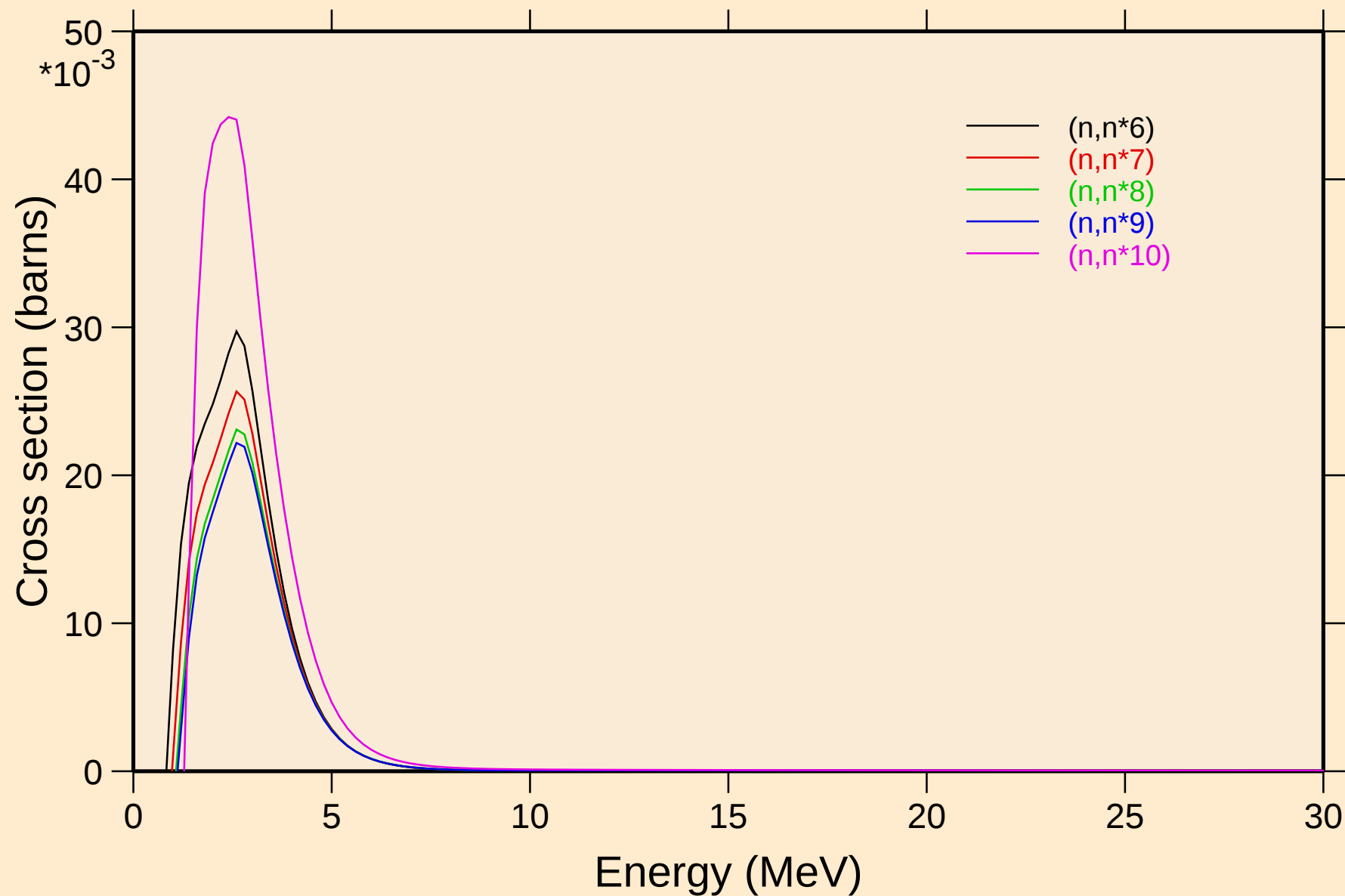


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



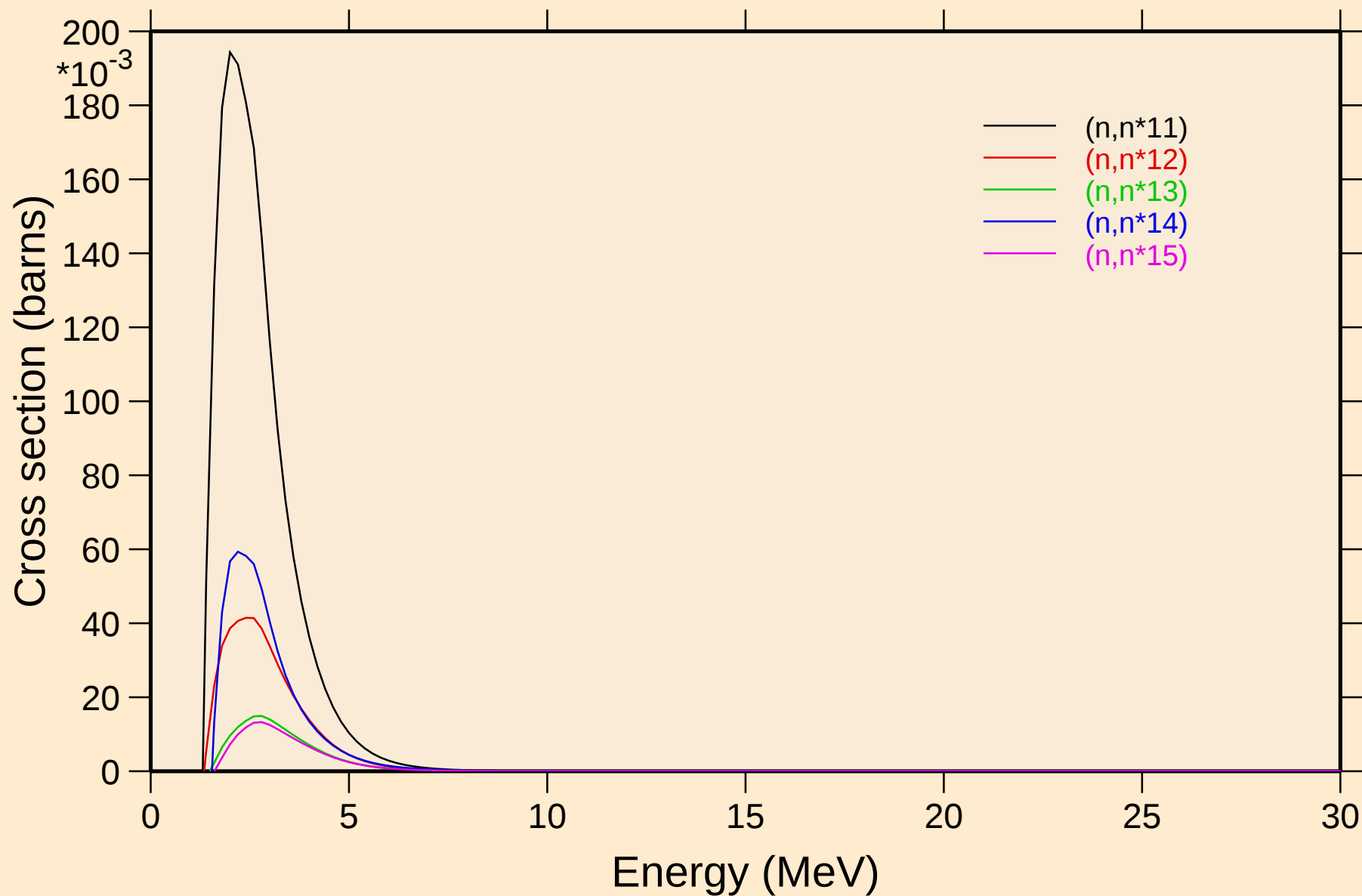
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

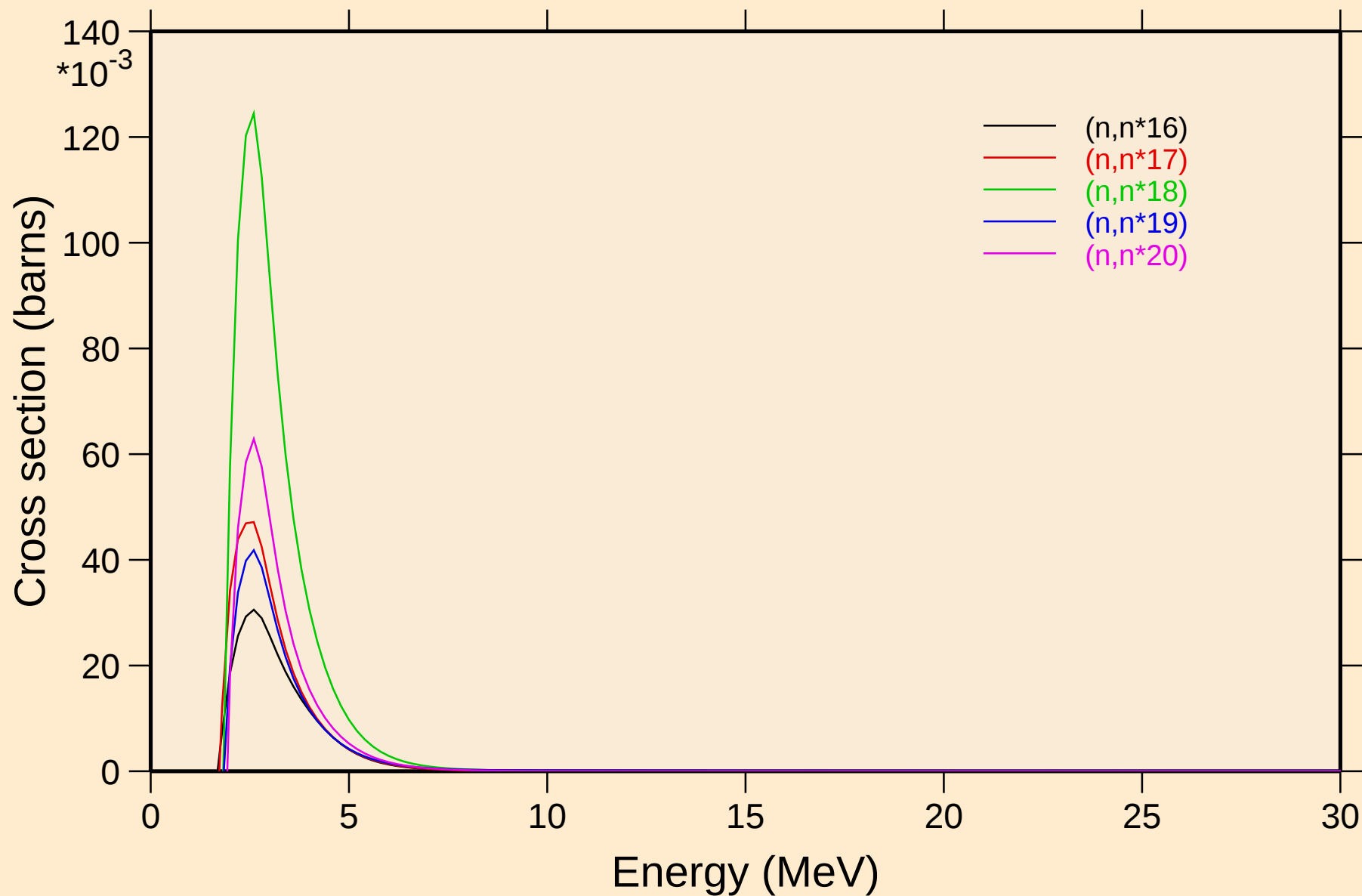


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

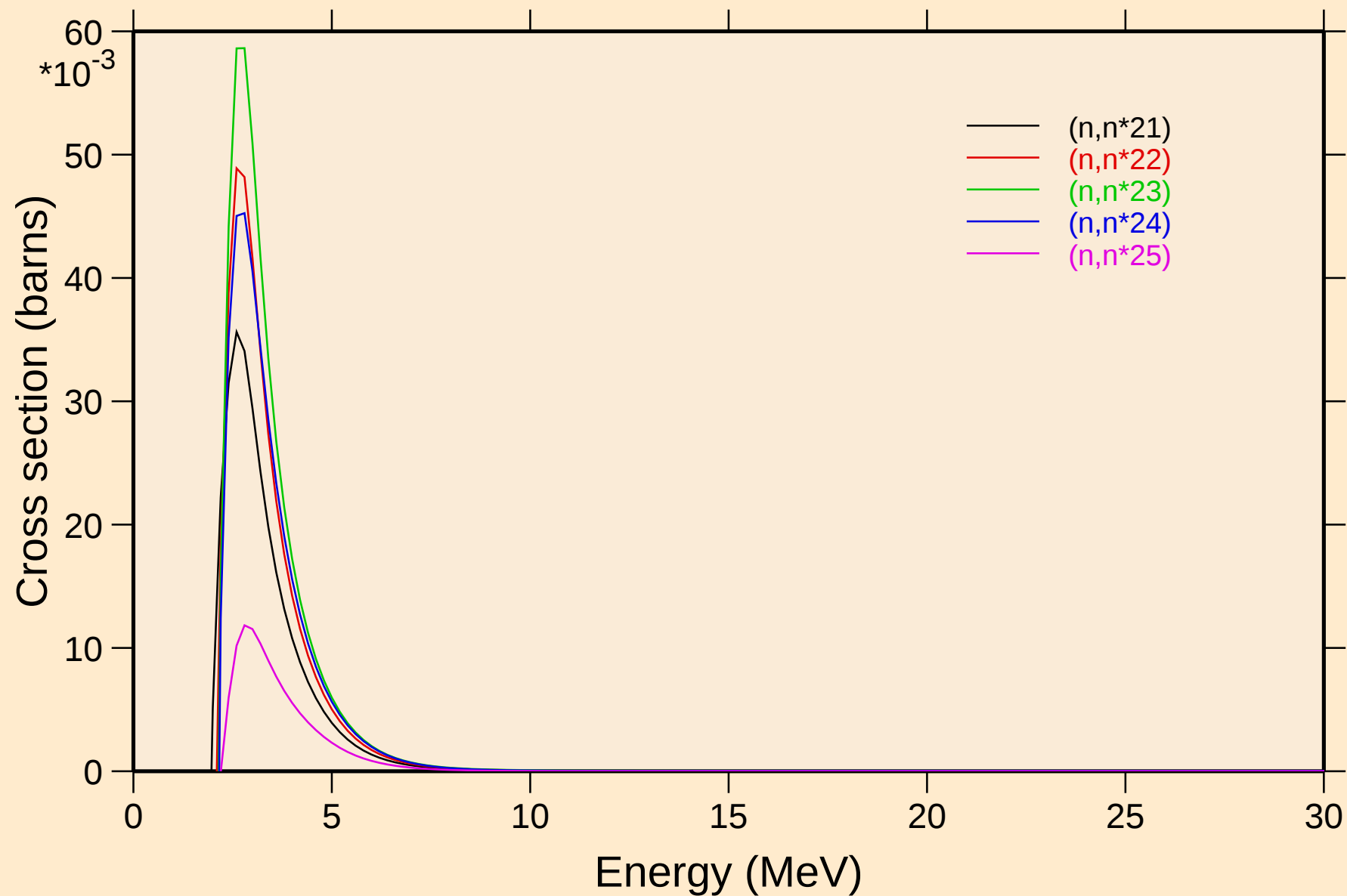


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



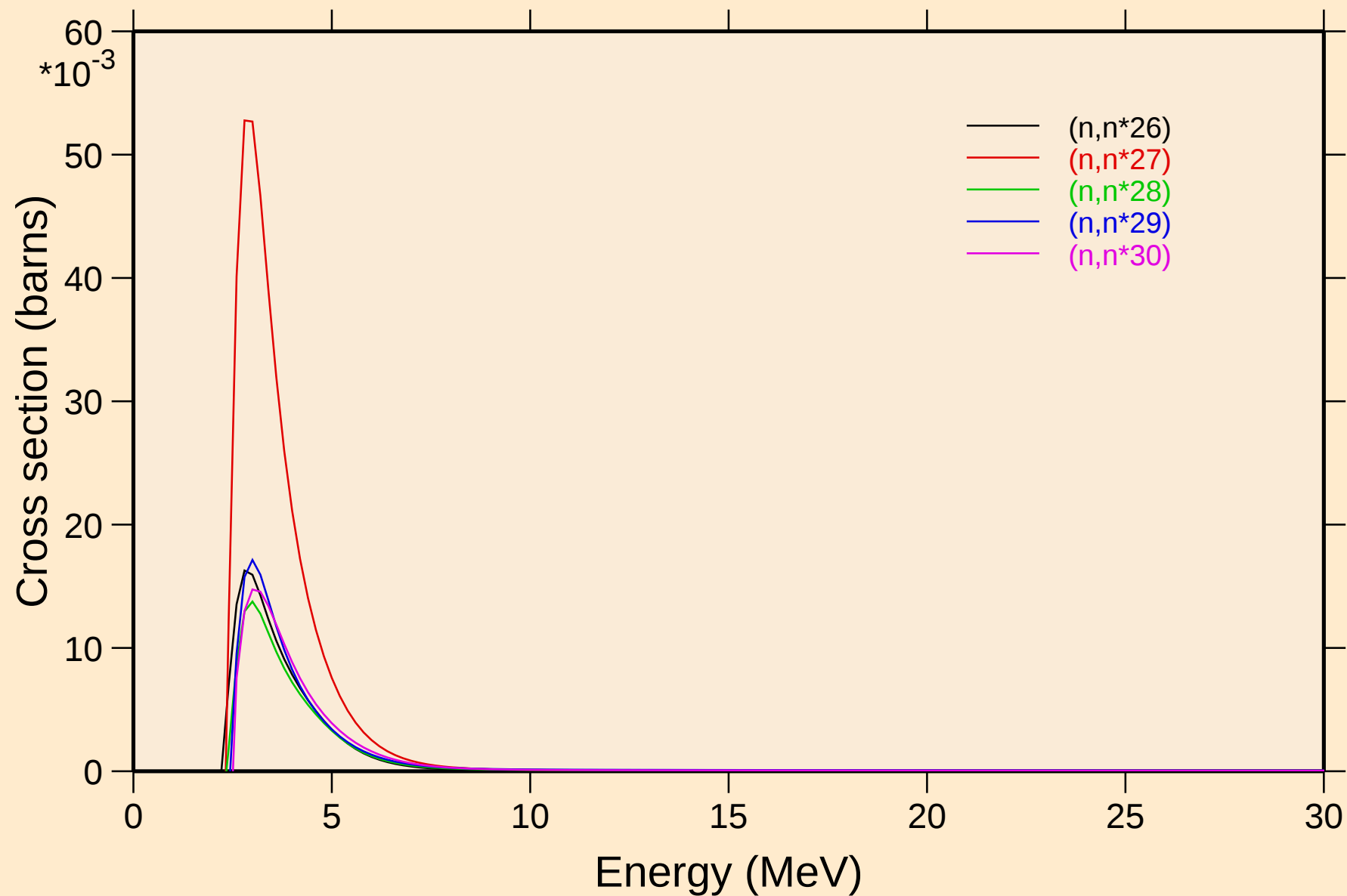
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



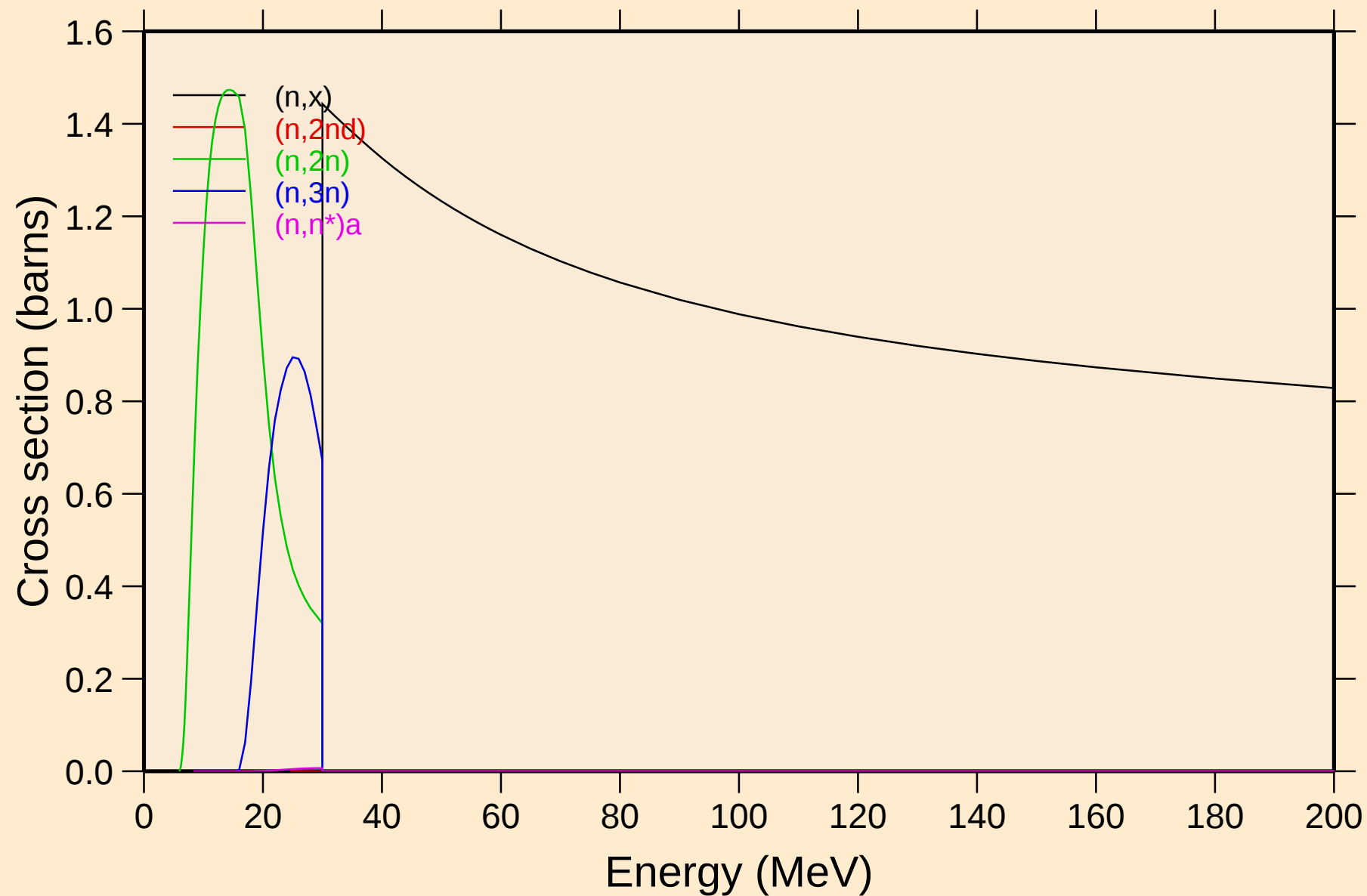
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



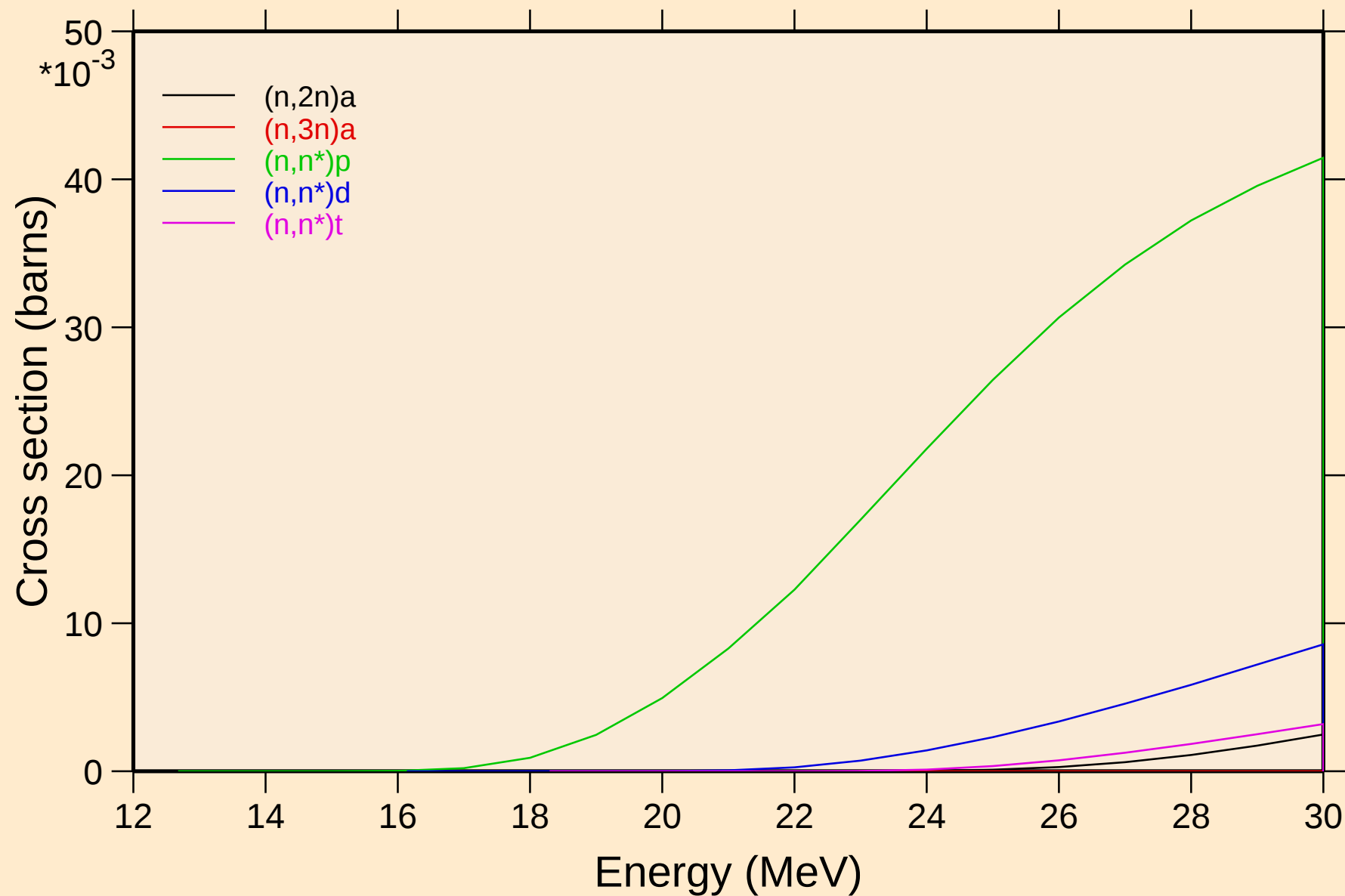
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

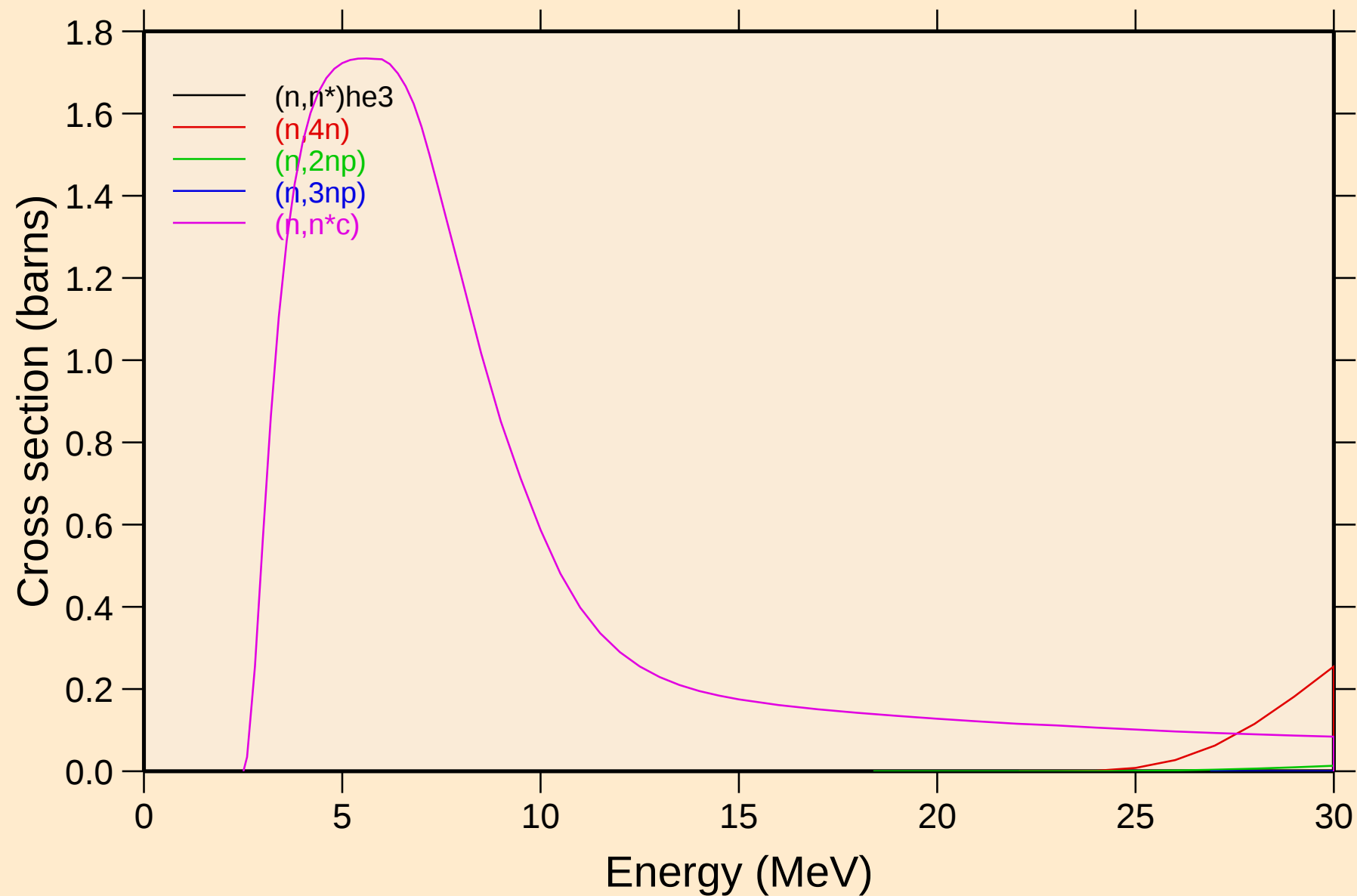


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

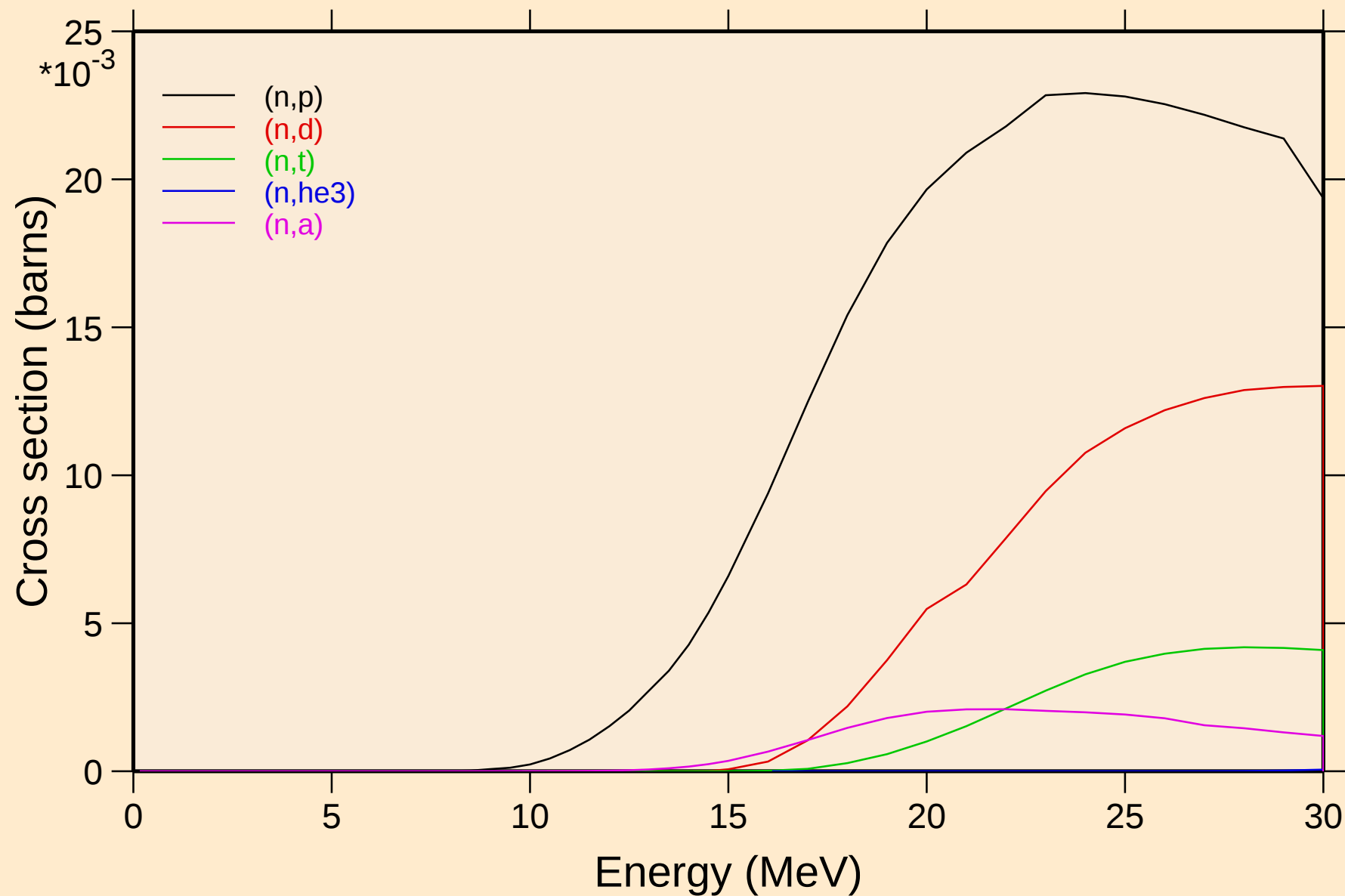
Threshold reactions



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

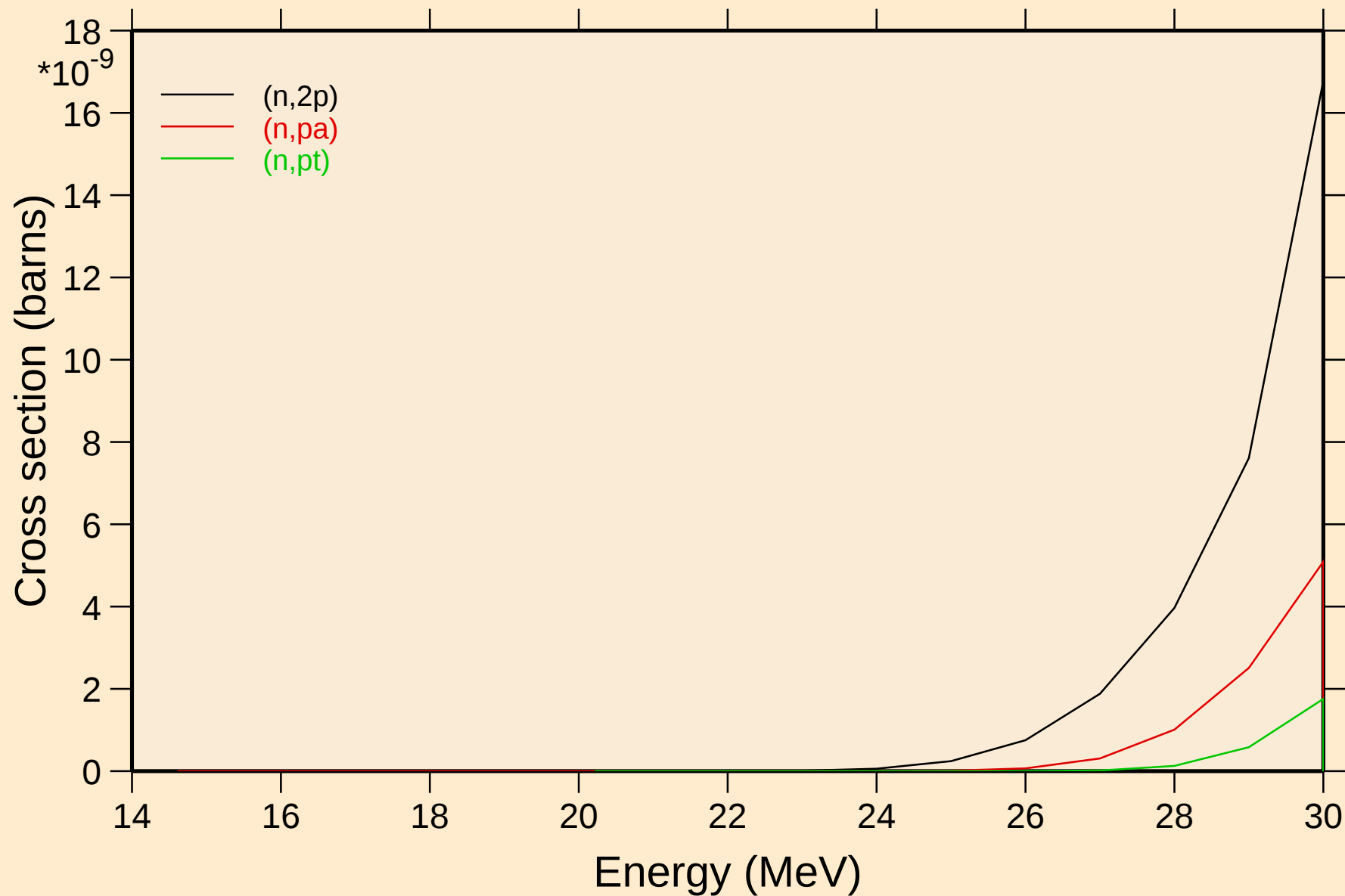


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

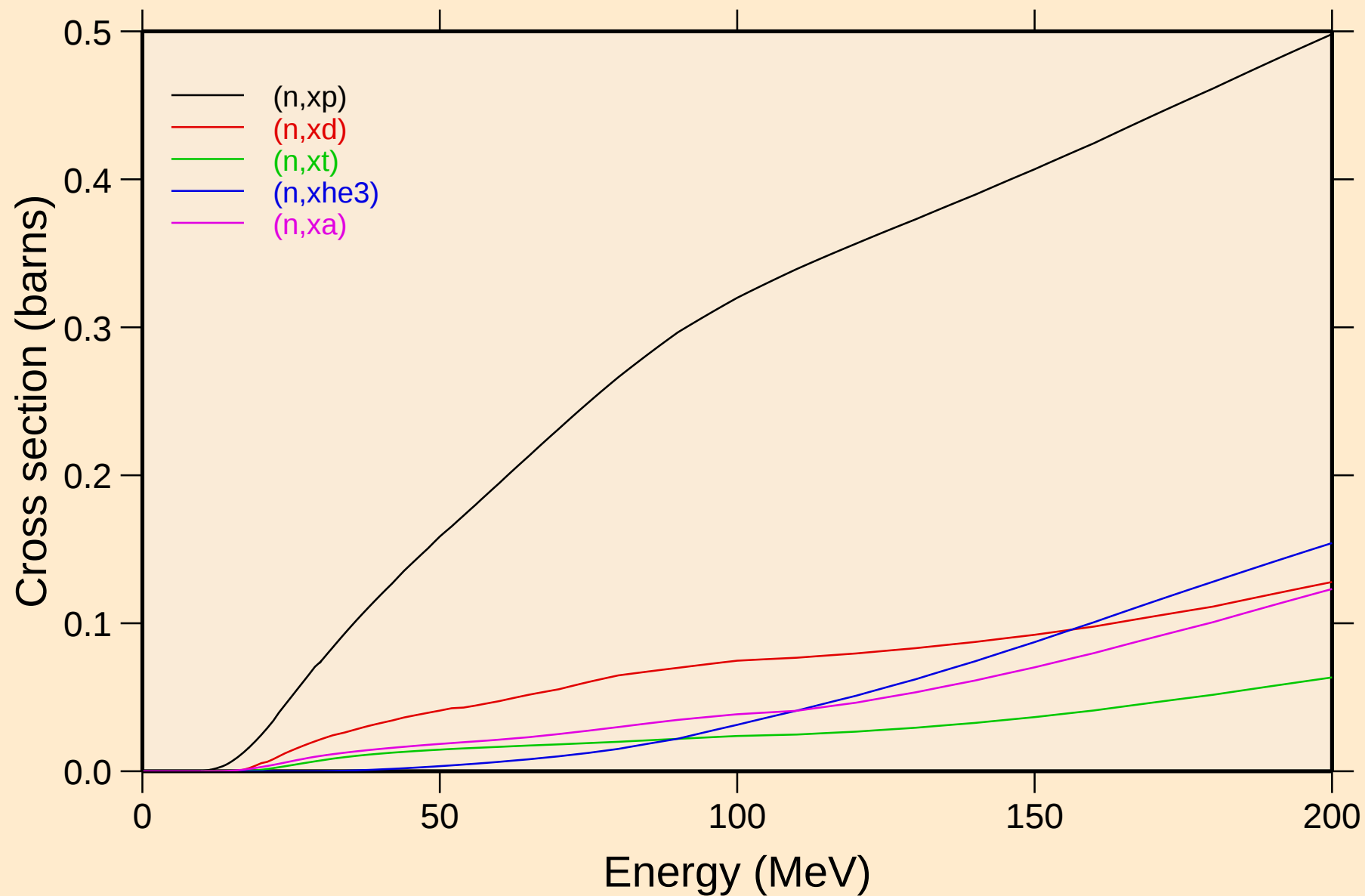


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

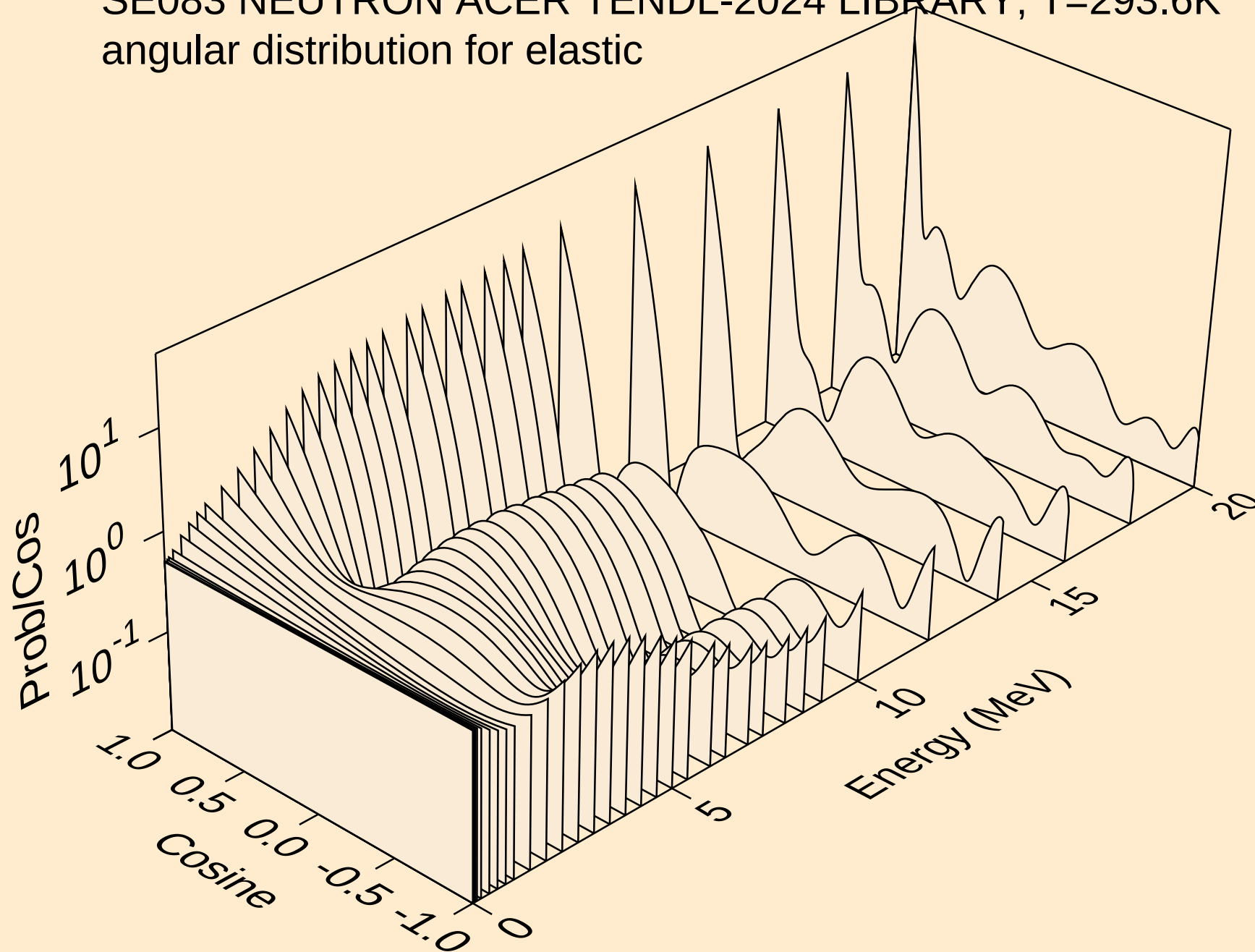
Threshold reactions



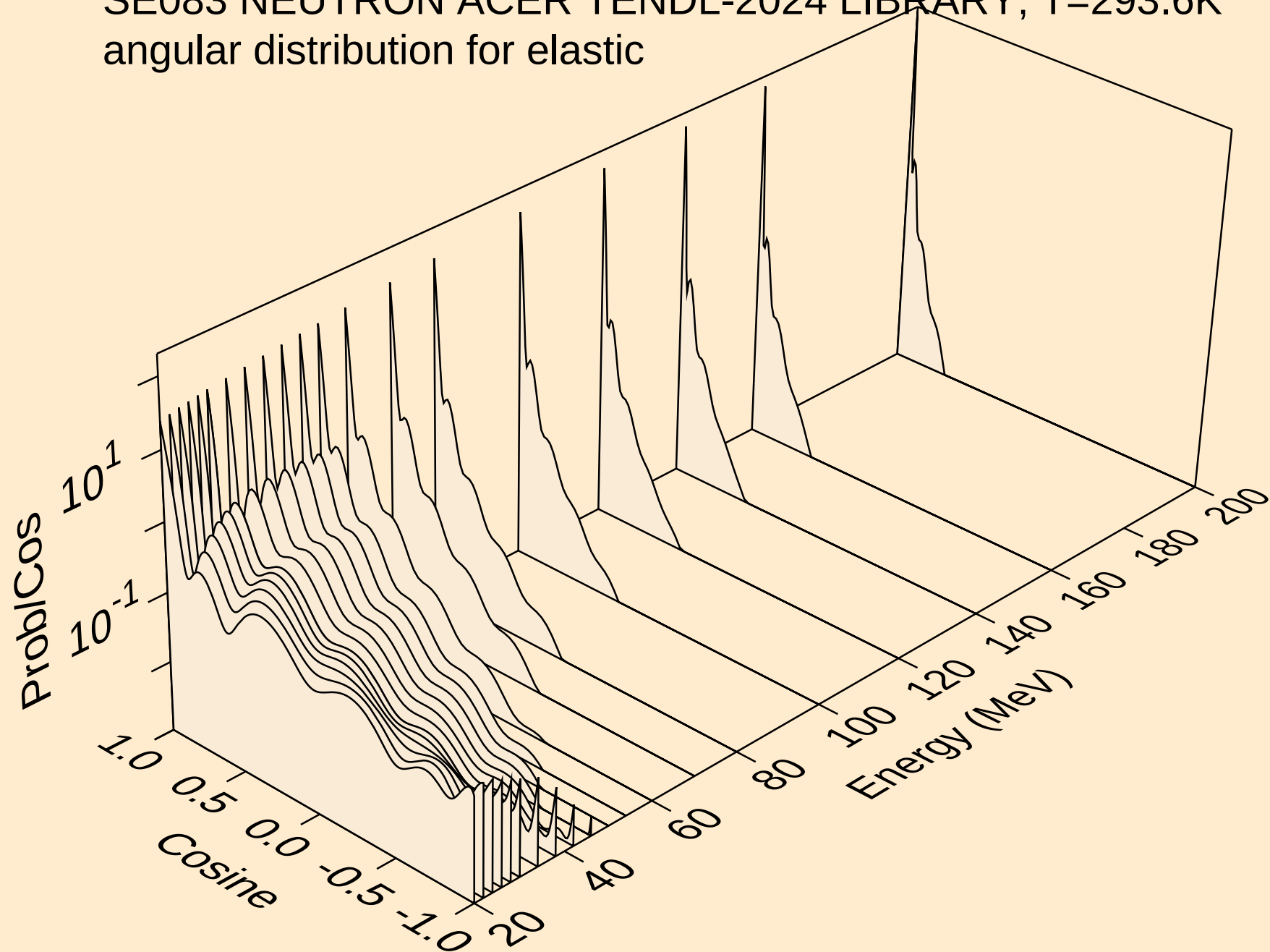
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



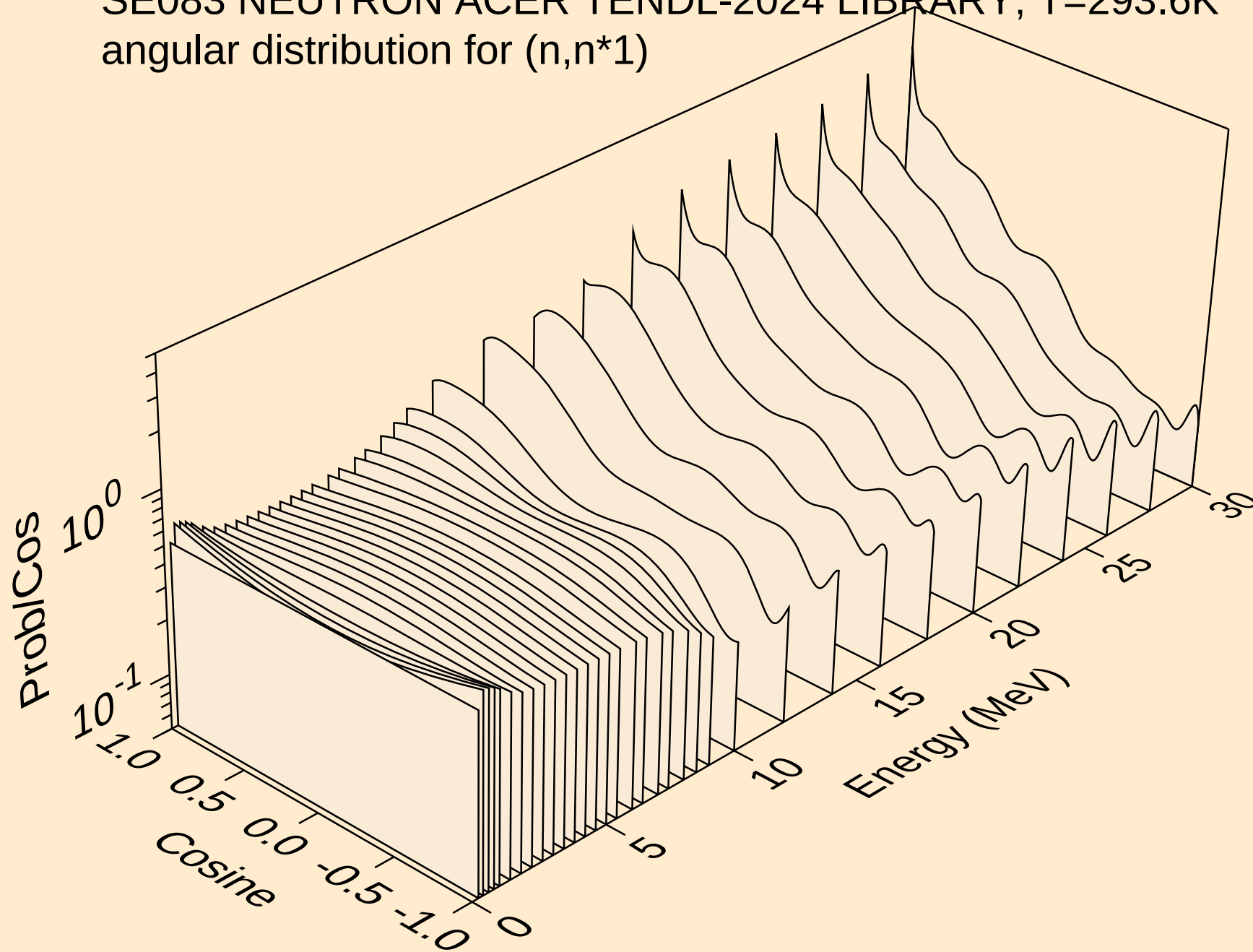
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



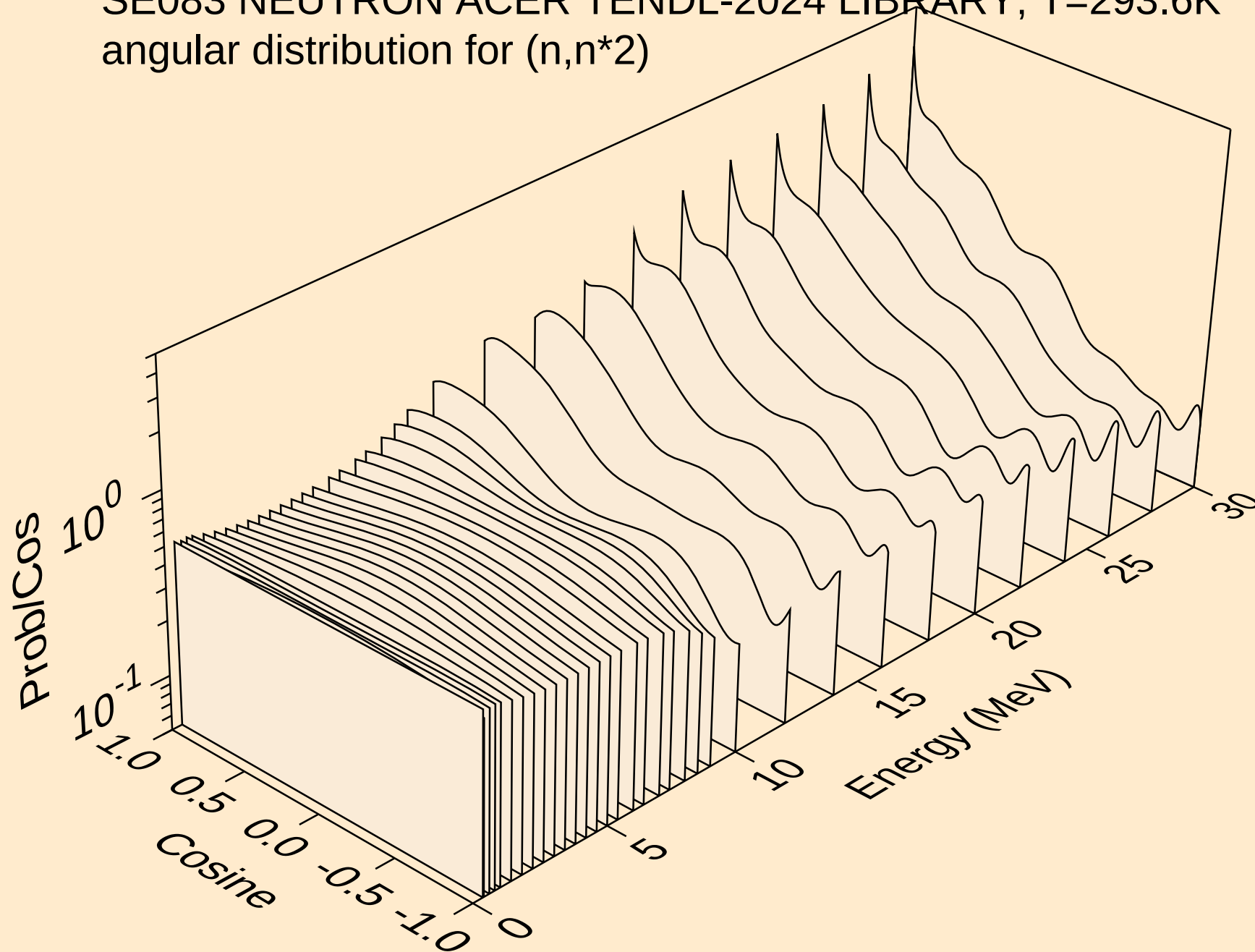
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



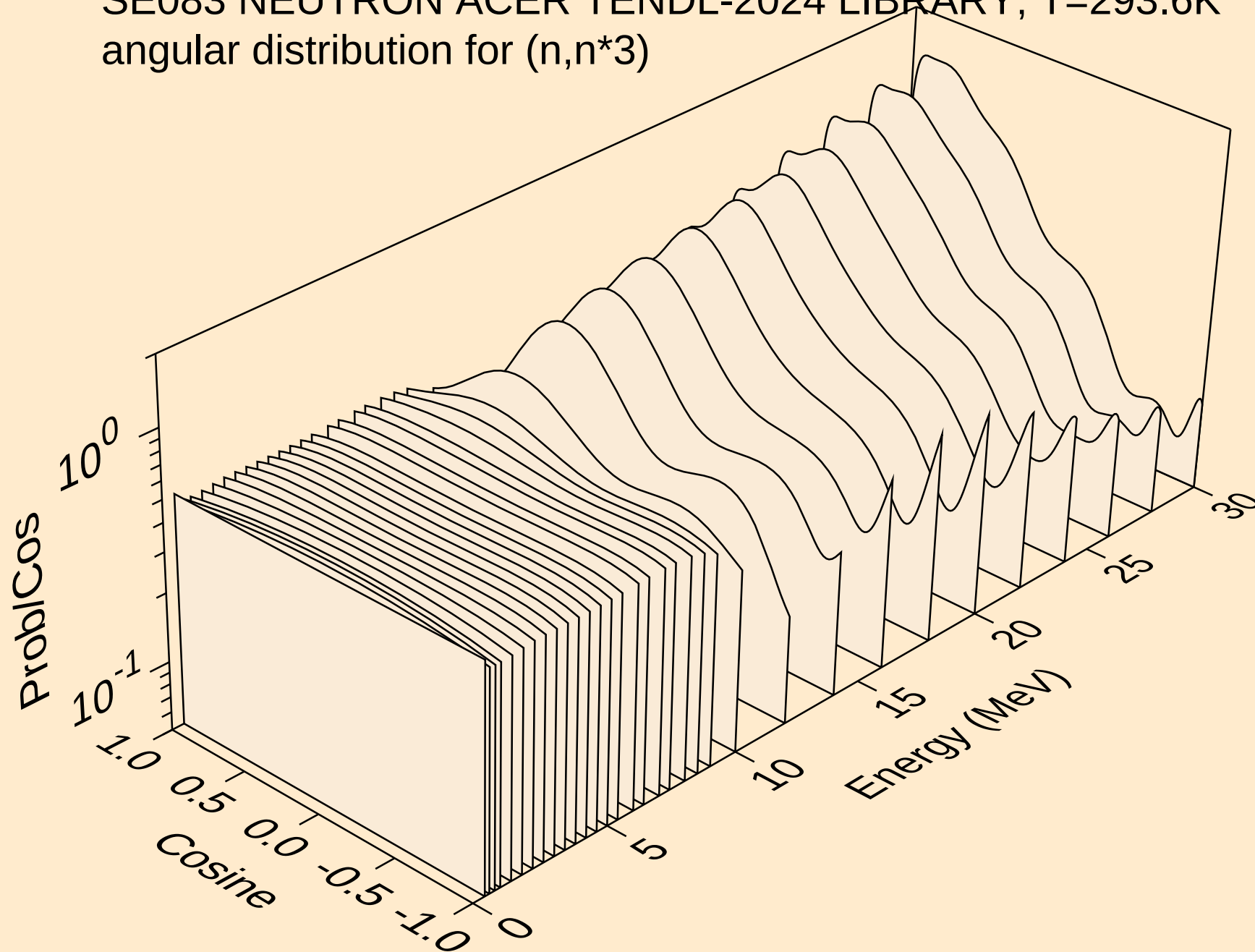
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



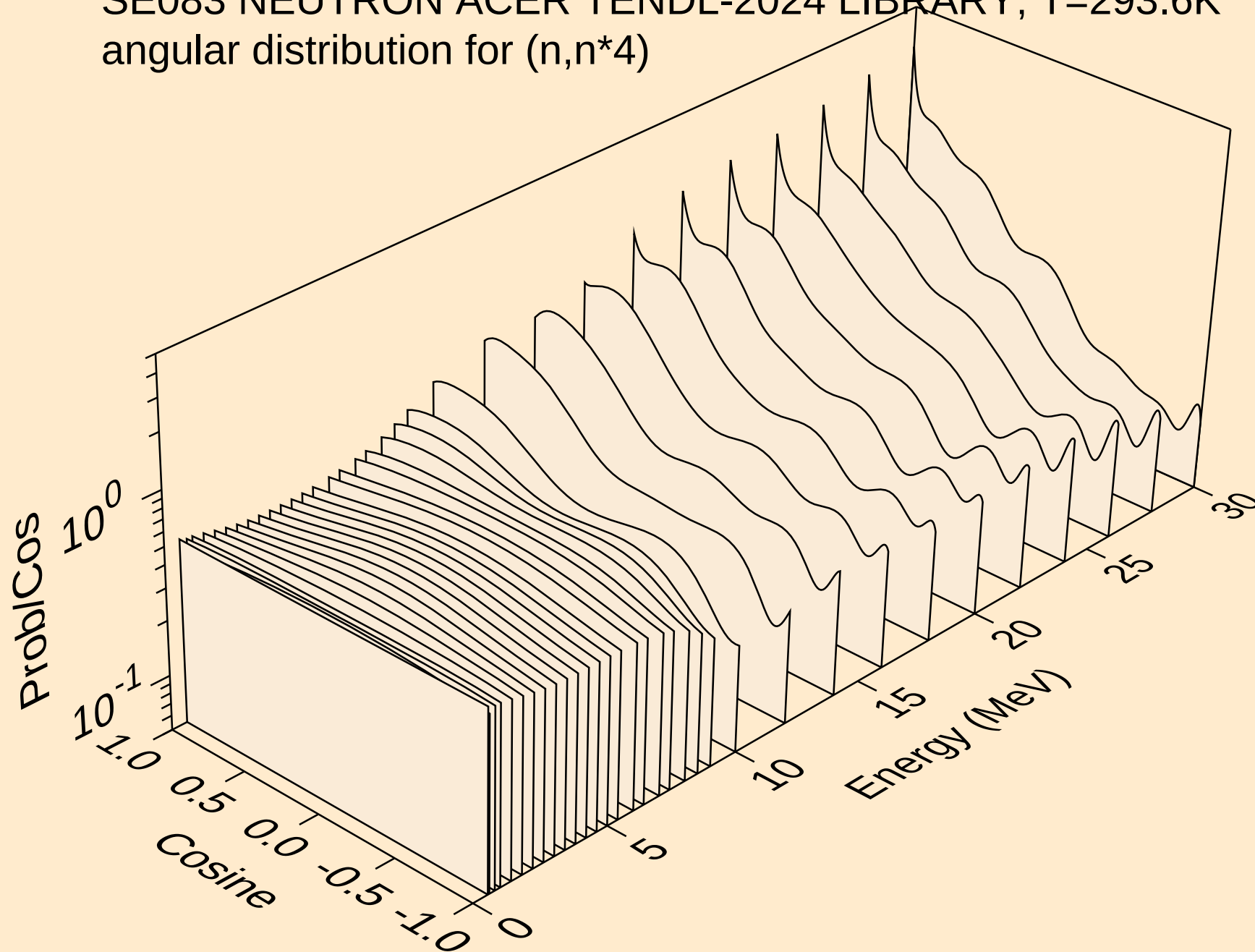
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



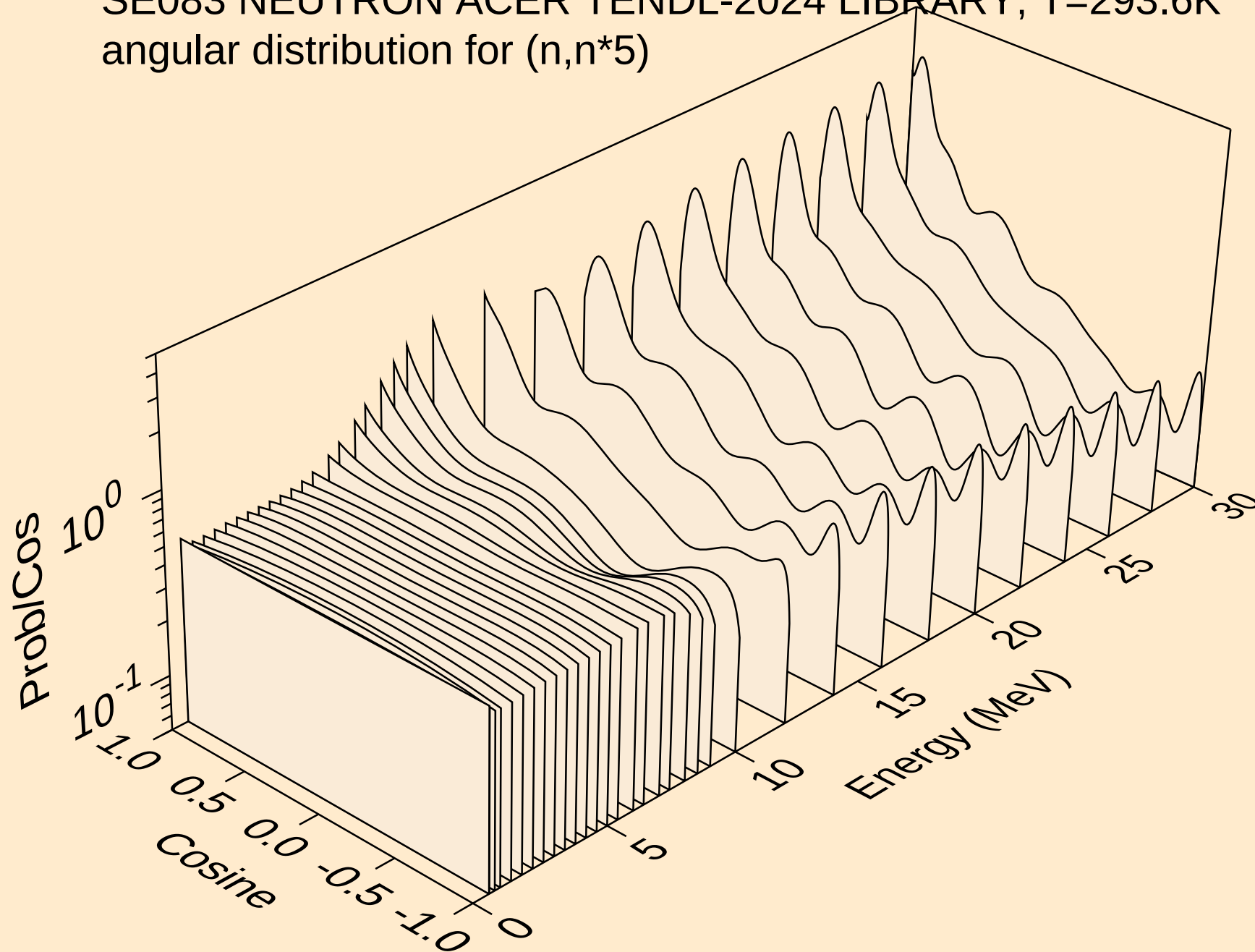
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



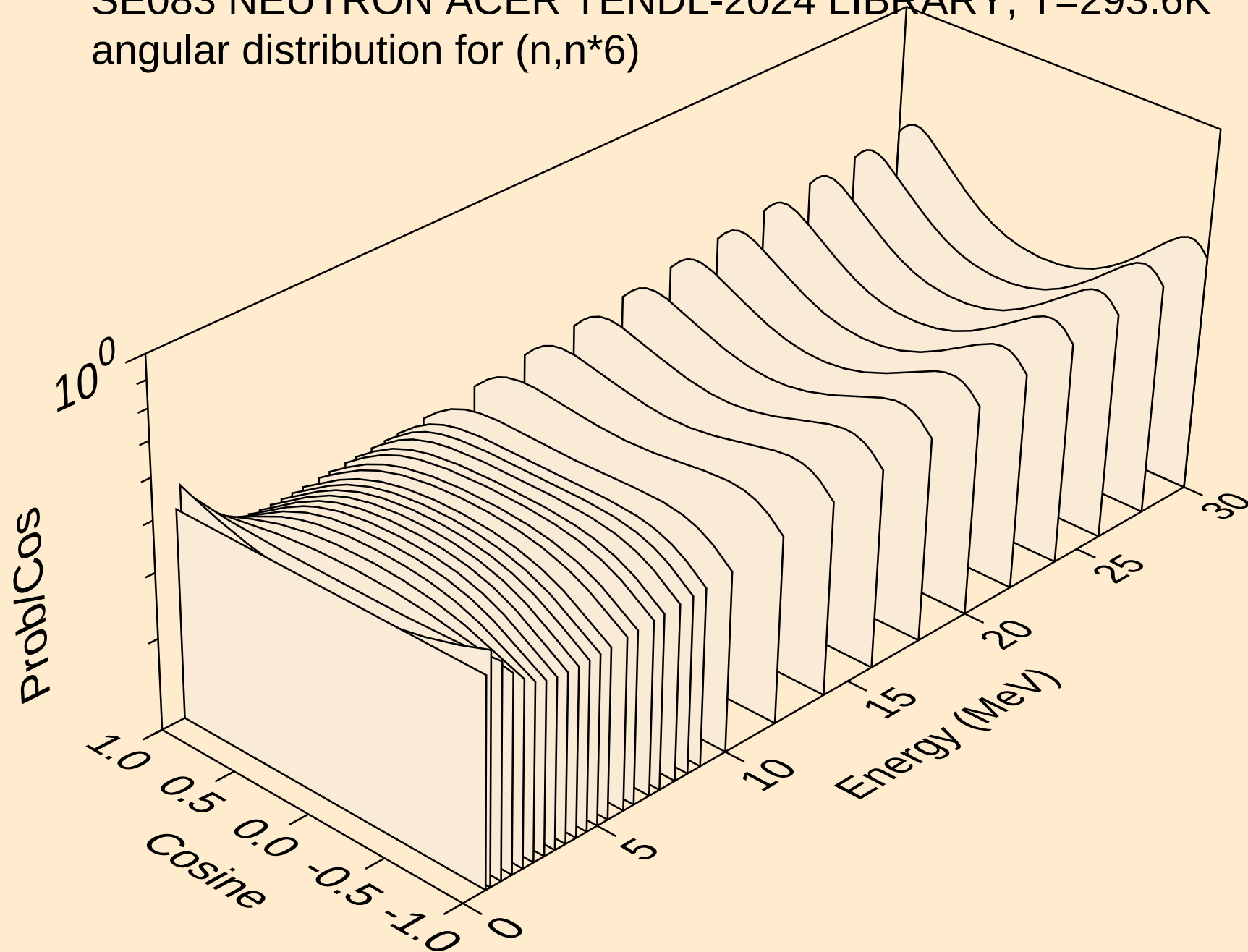
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



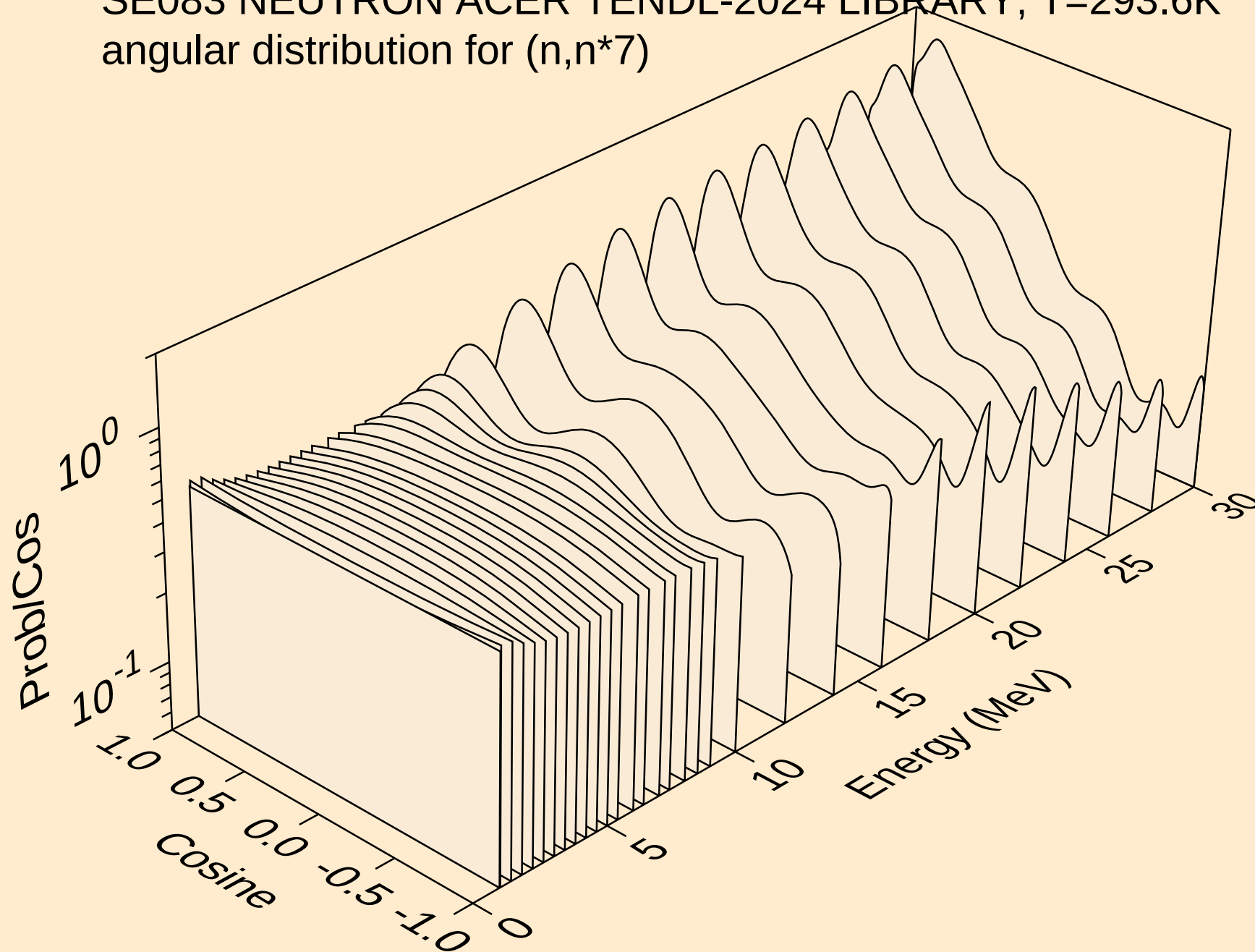
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



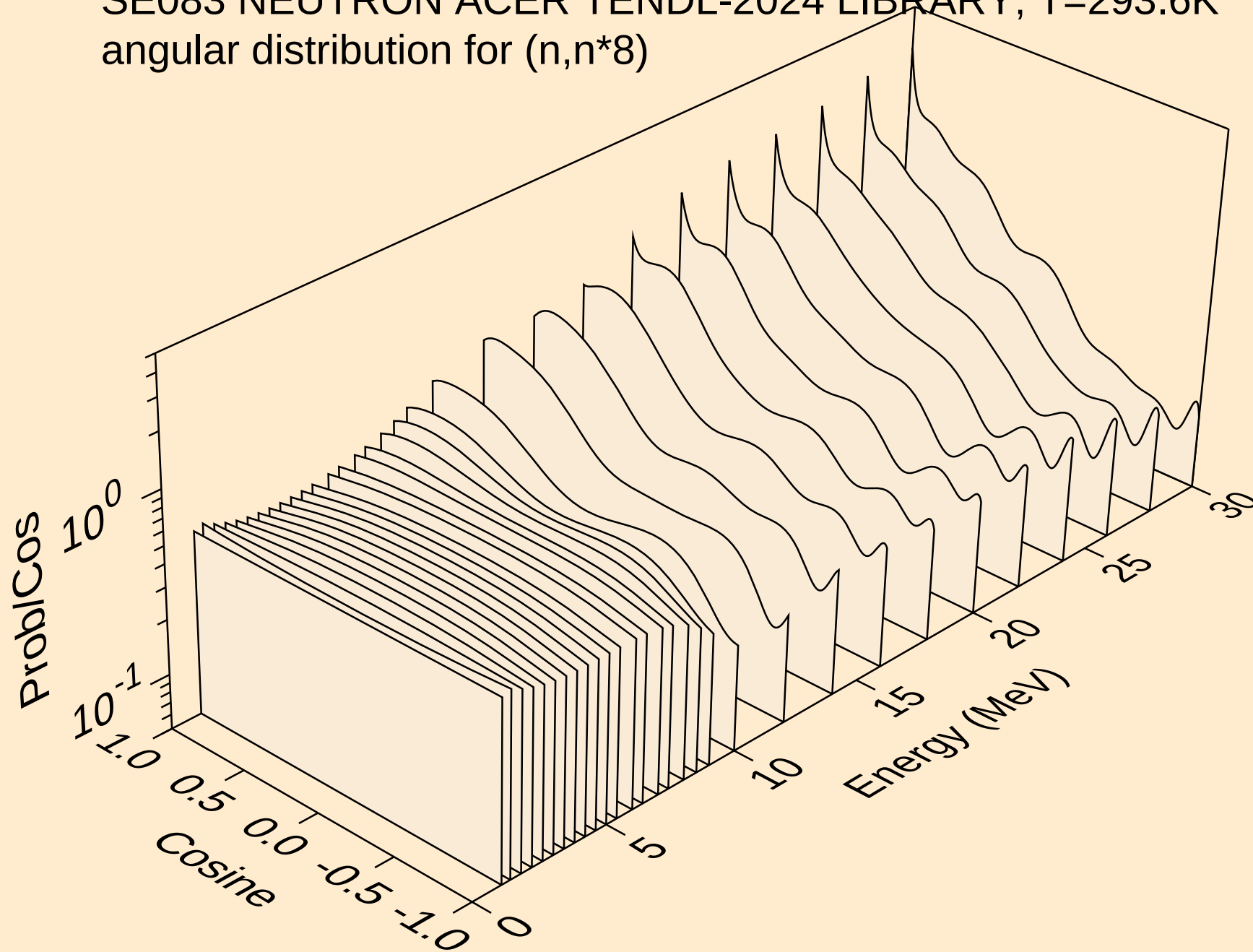
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



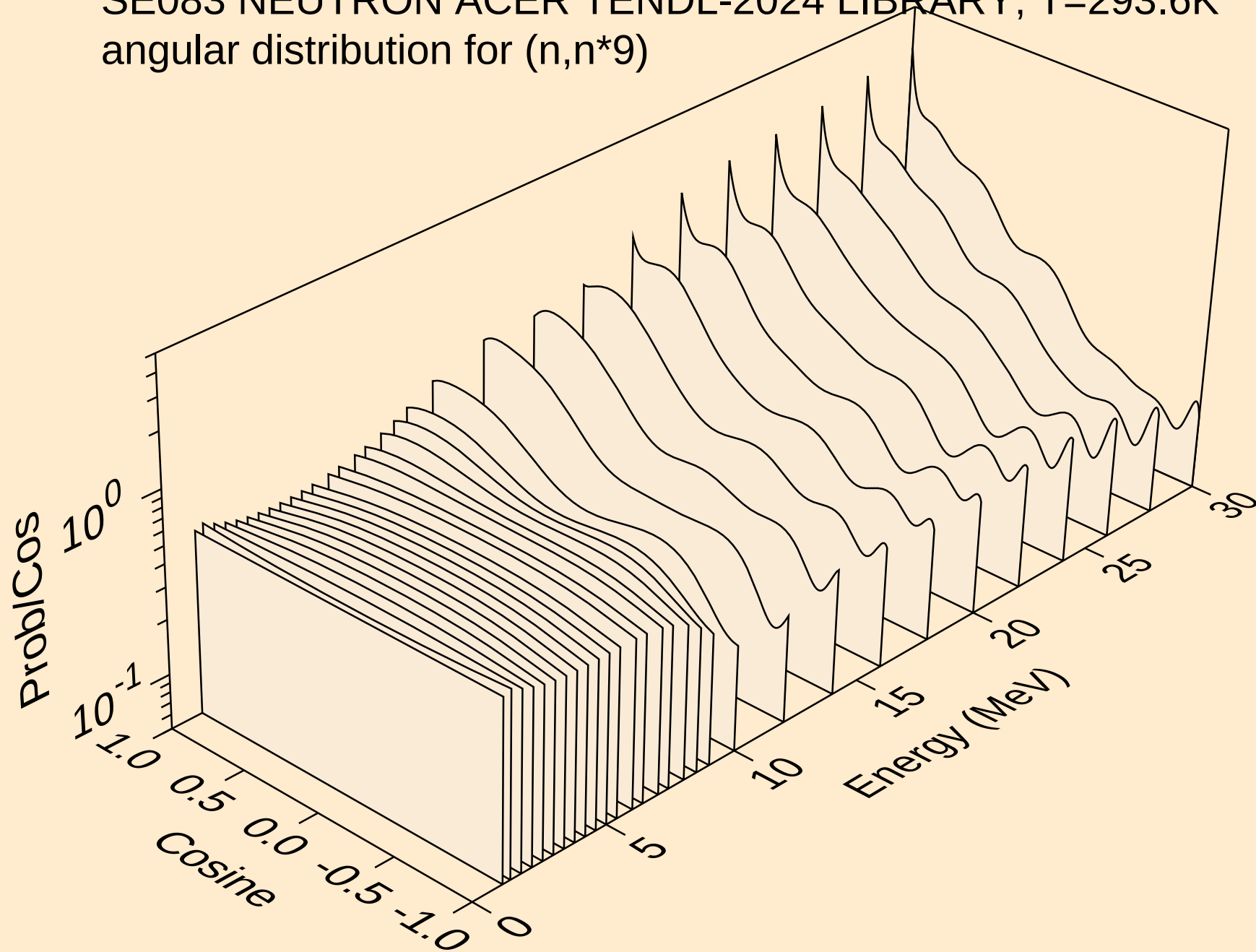
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



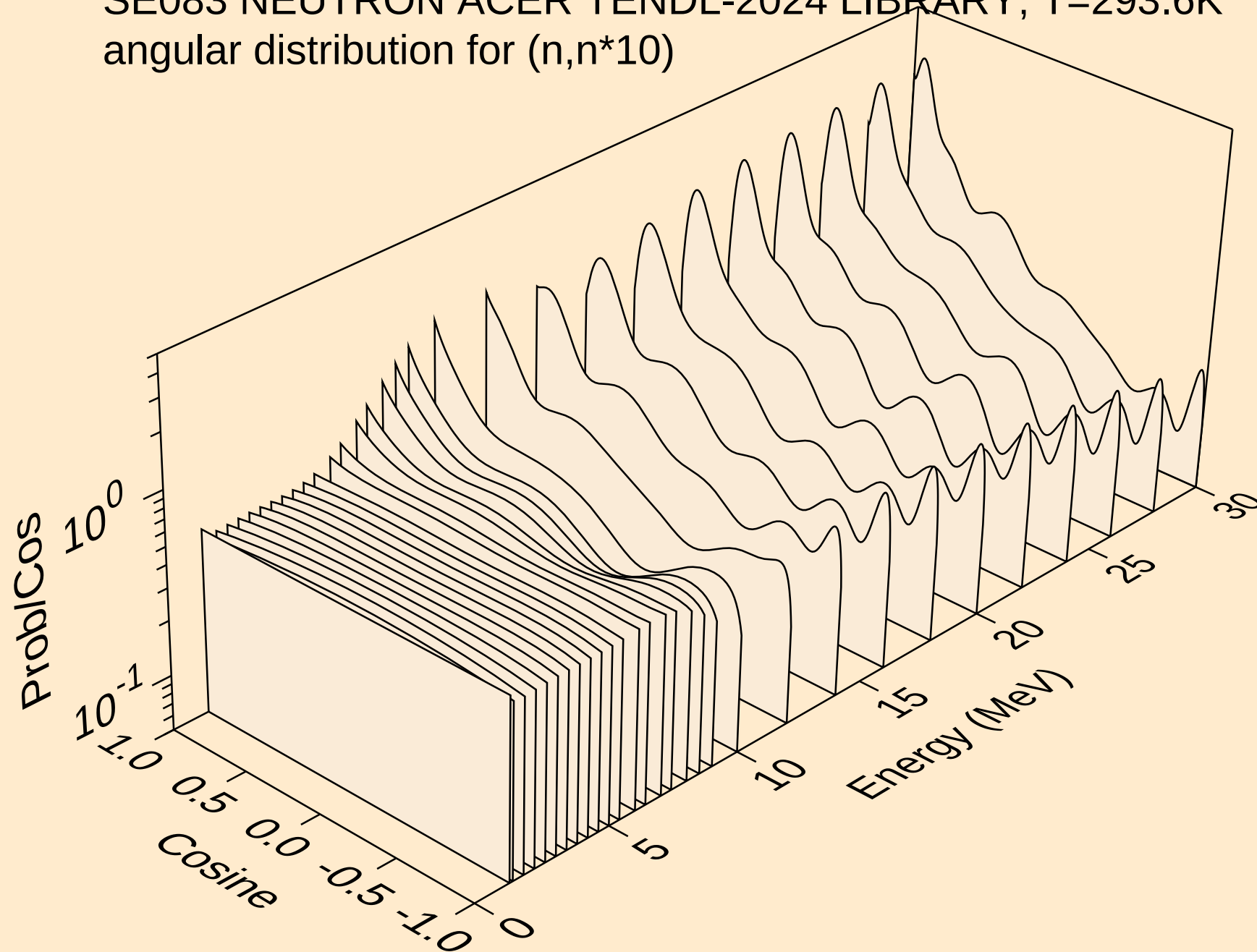
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



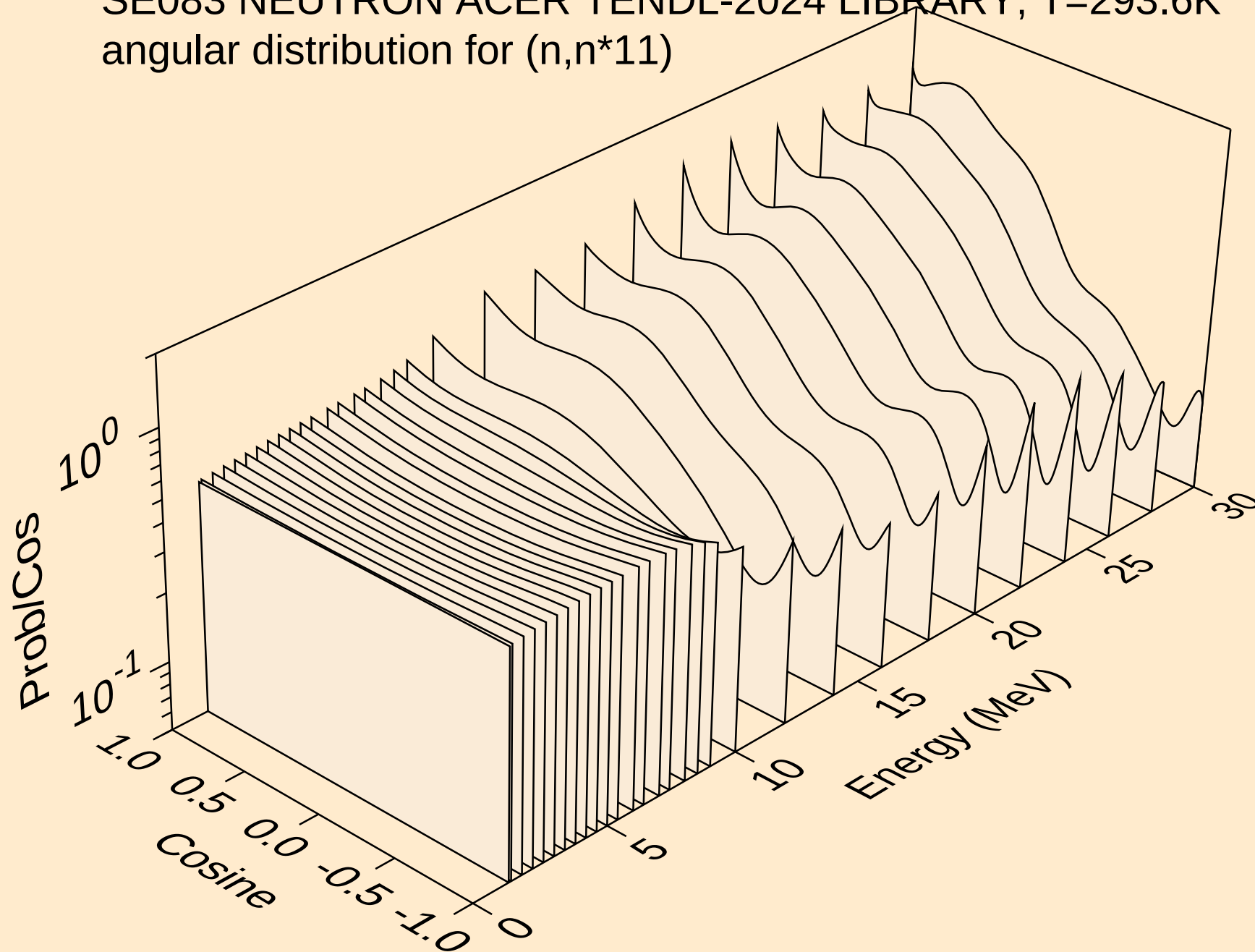
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angular distribution for (n,n*9)



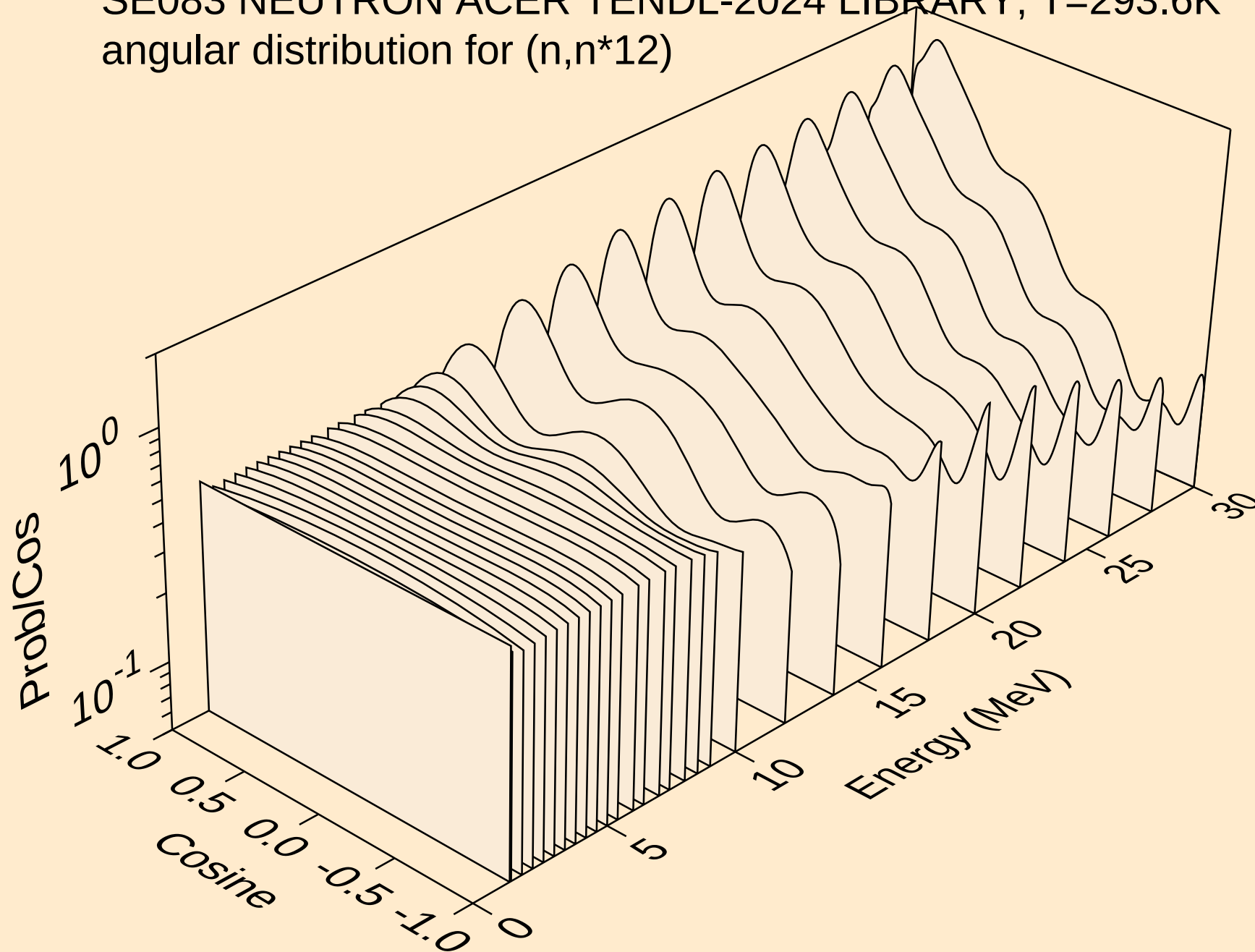
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angular distribution for (n,n*10)



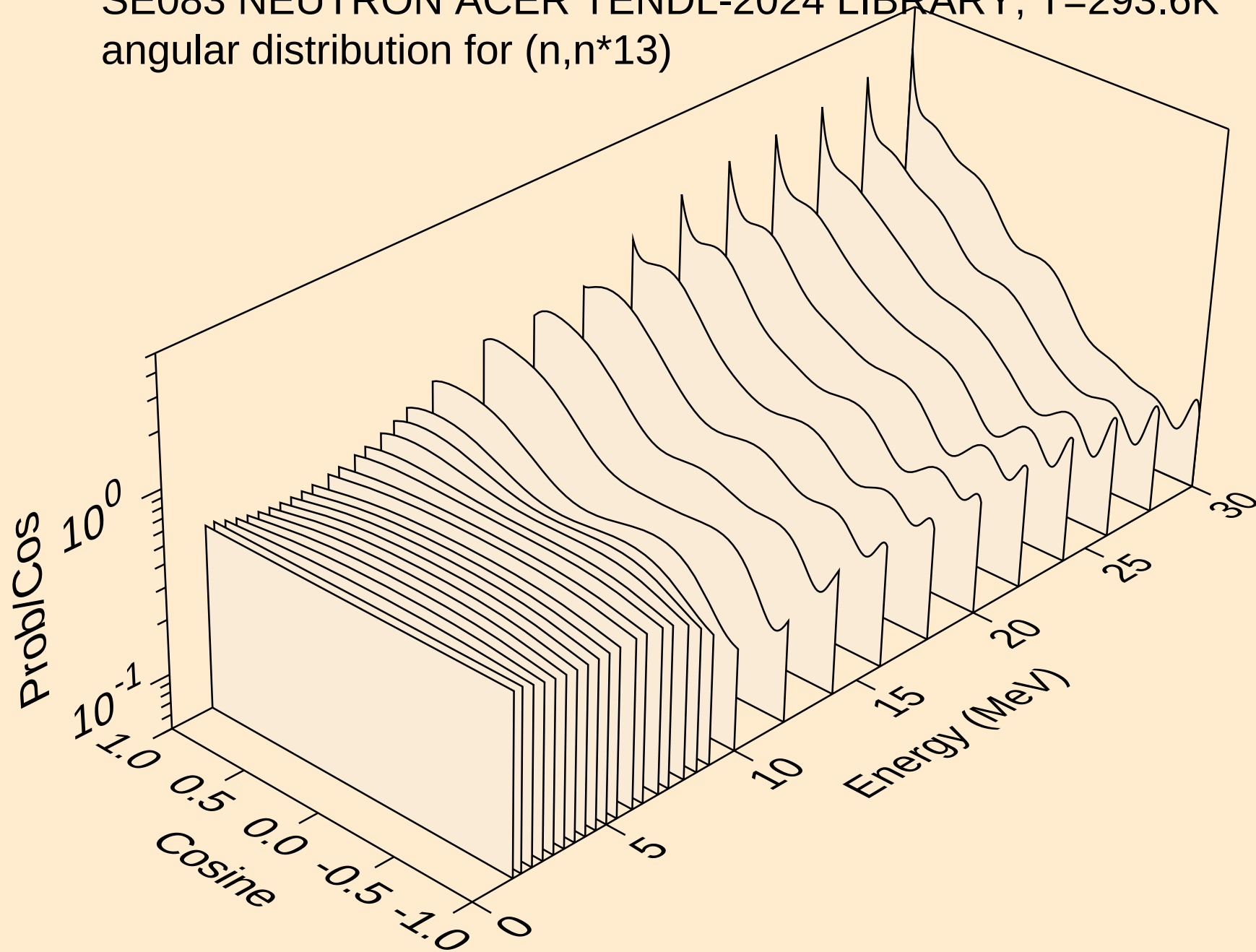
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angular distribution for (n,n*11)



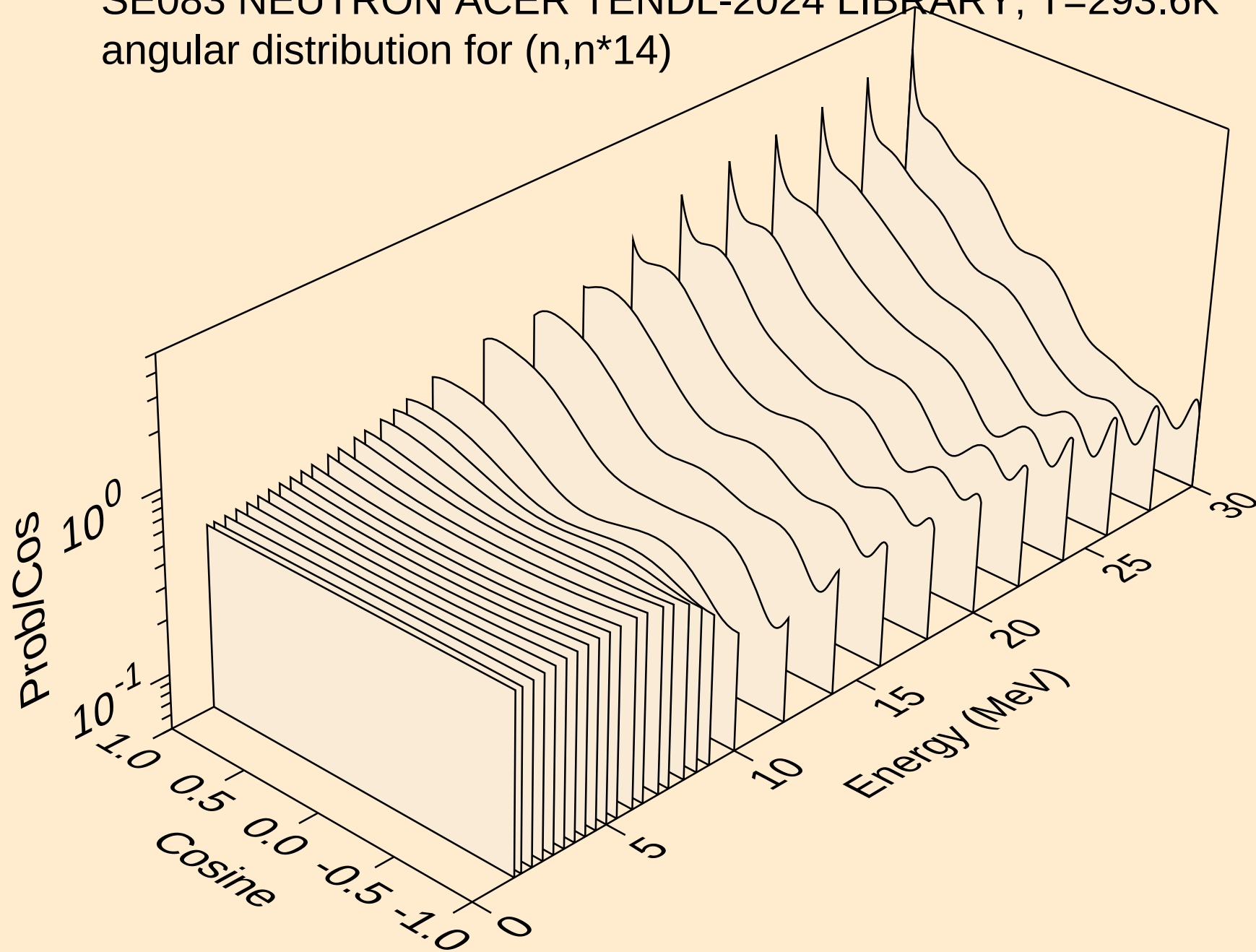
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angular distribution for (n,n*12)



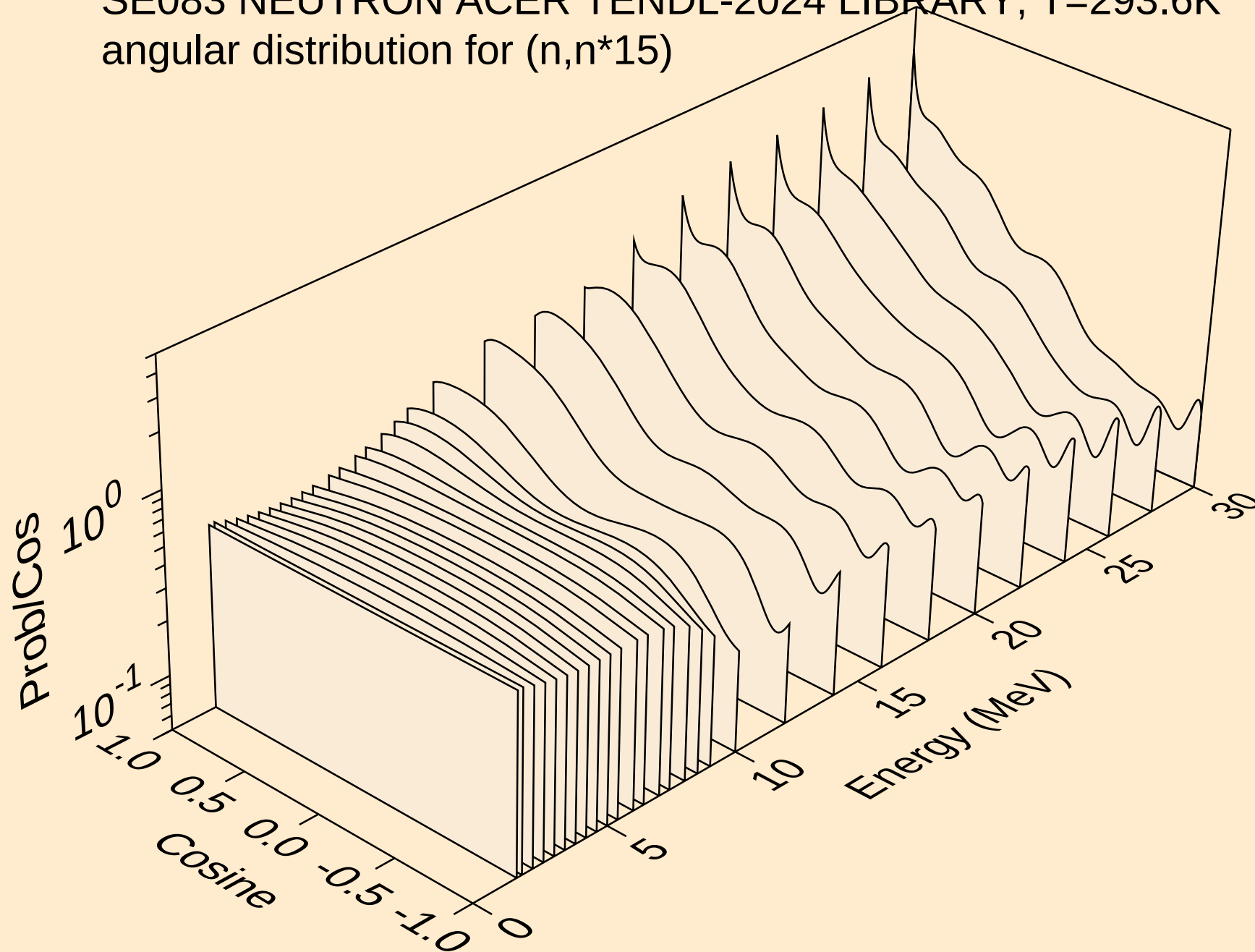
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angular distribution for (n,n*13)



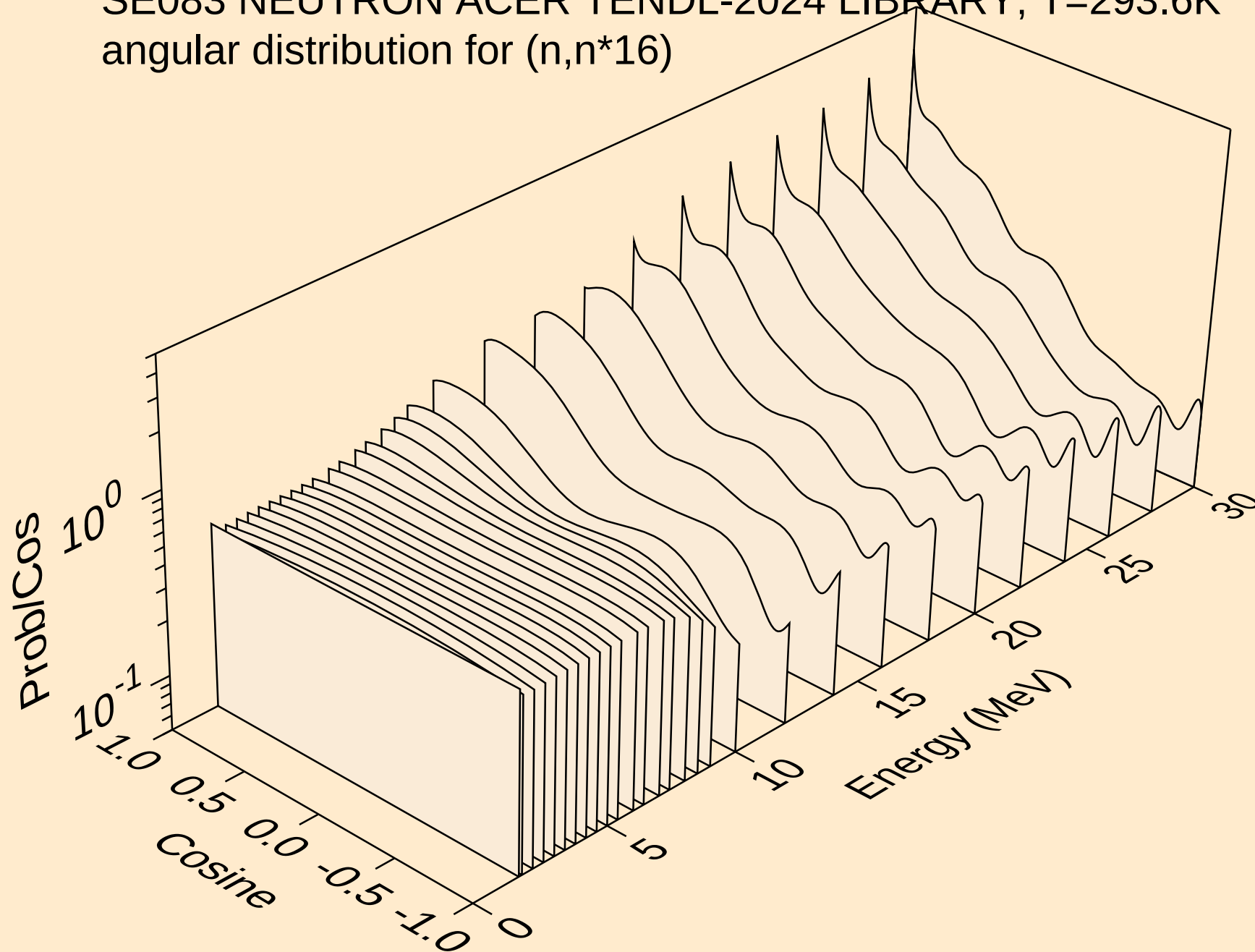
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angular distribution for (n,n*14)



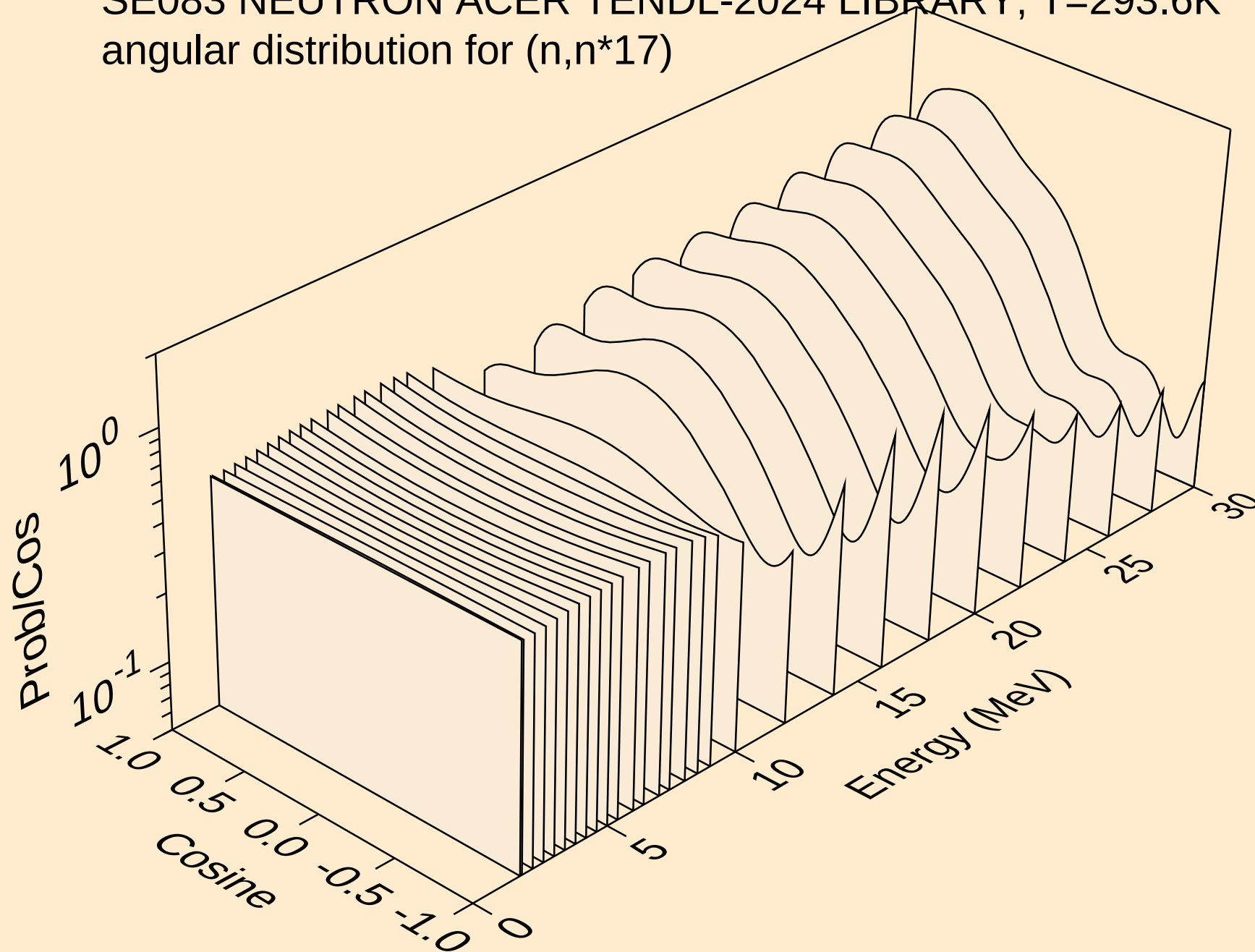
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angular distribution for (n,n*15)



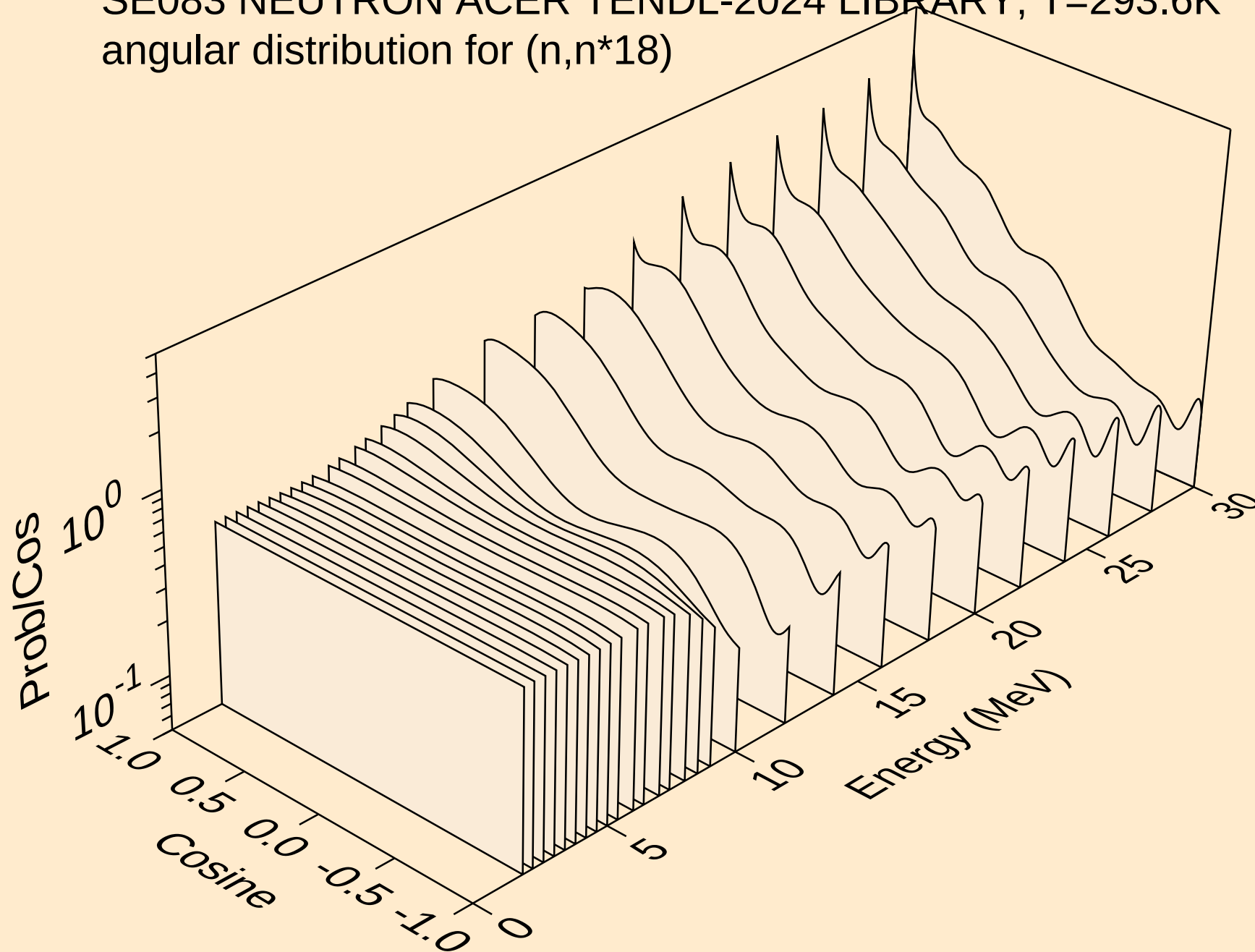
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



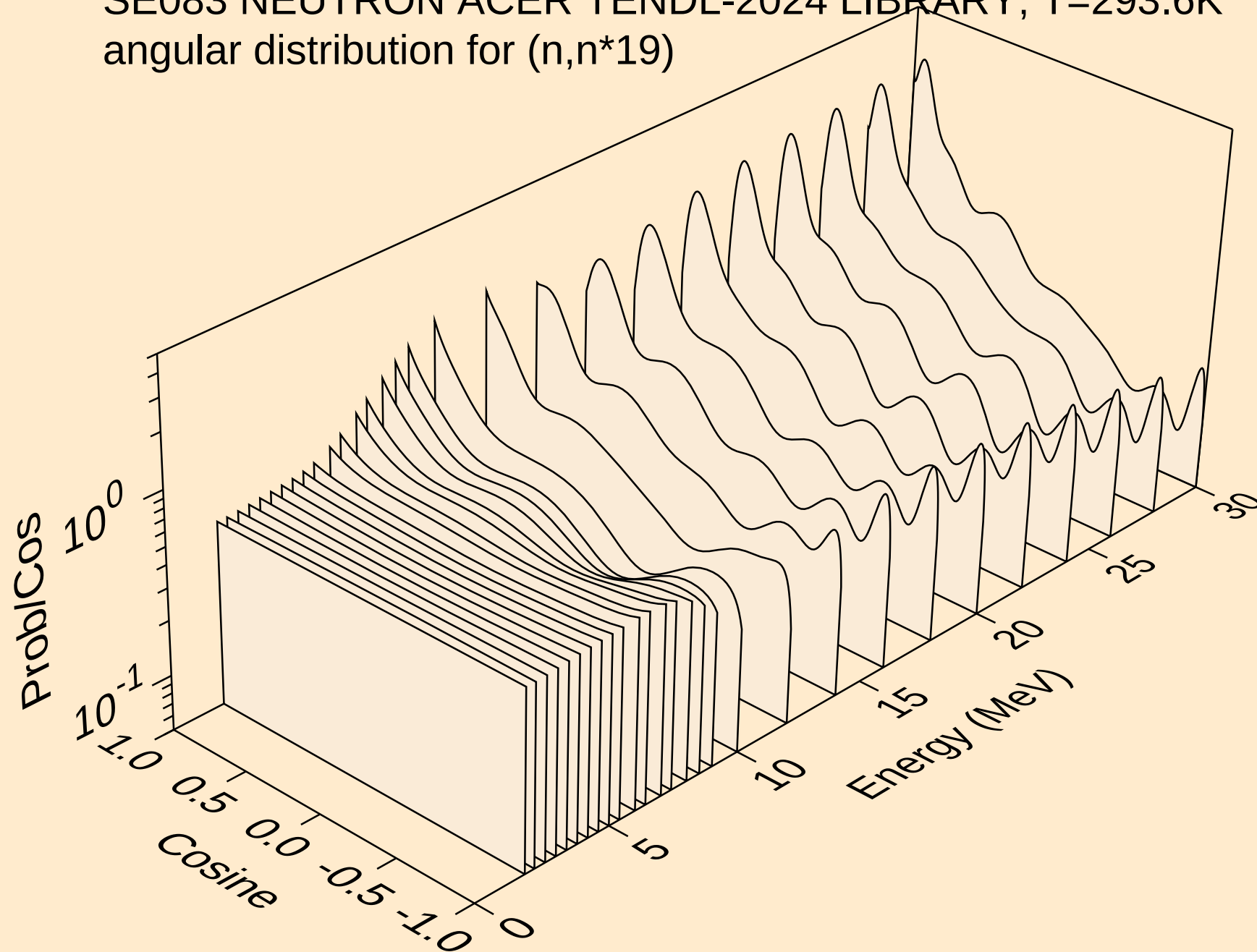
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



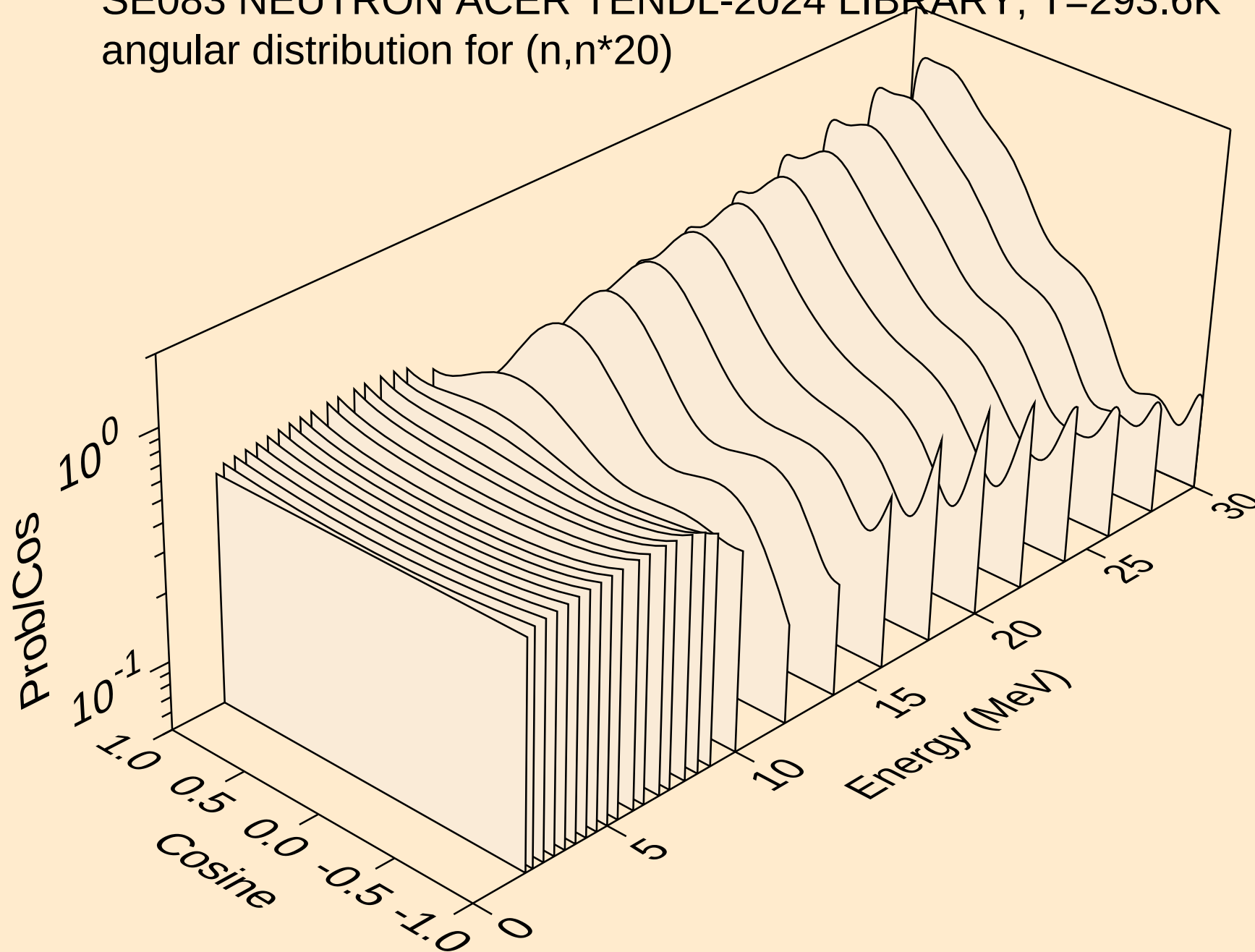
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angular distribution for (n,n*18)



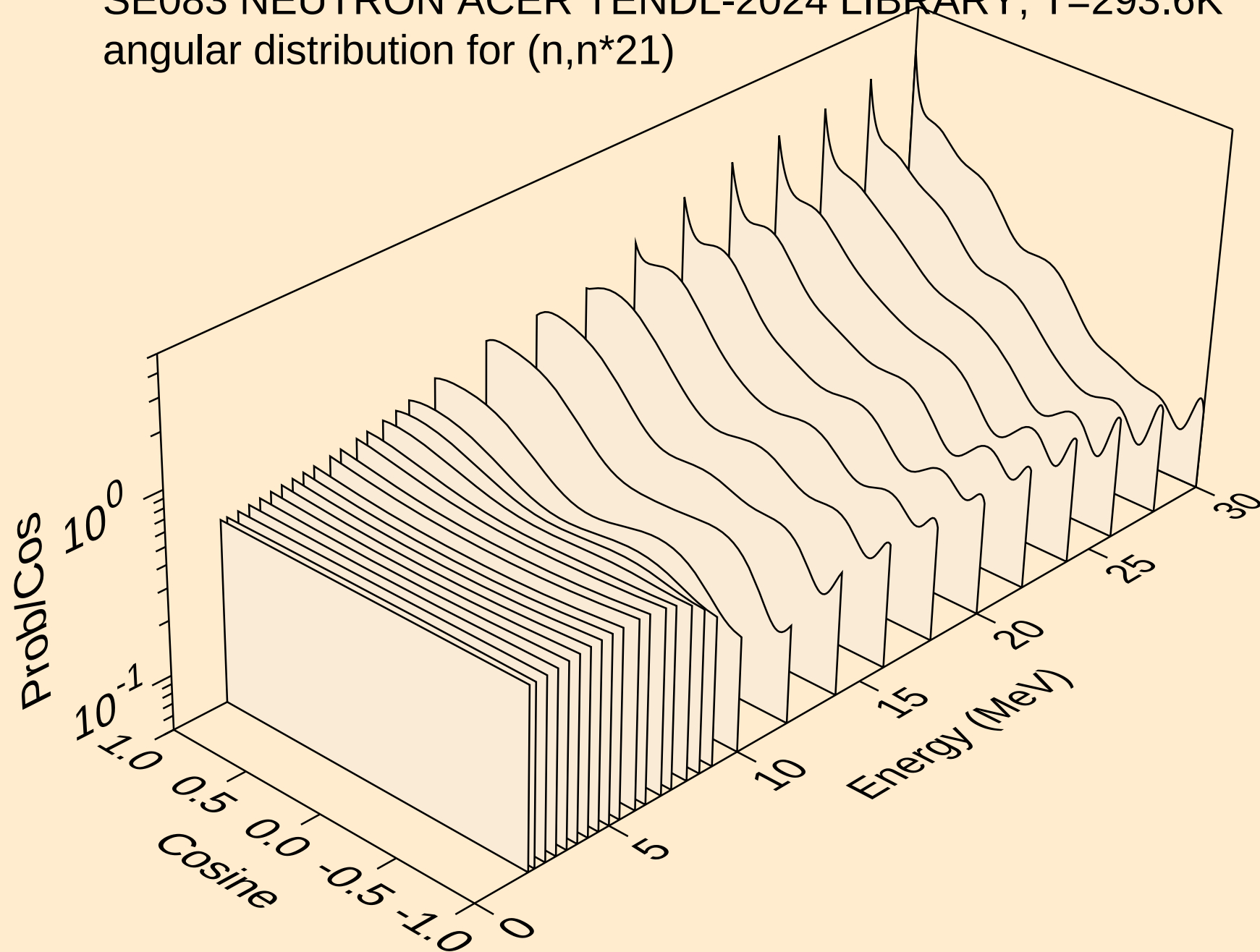
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angular distribution for (n,n*19)



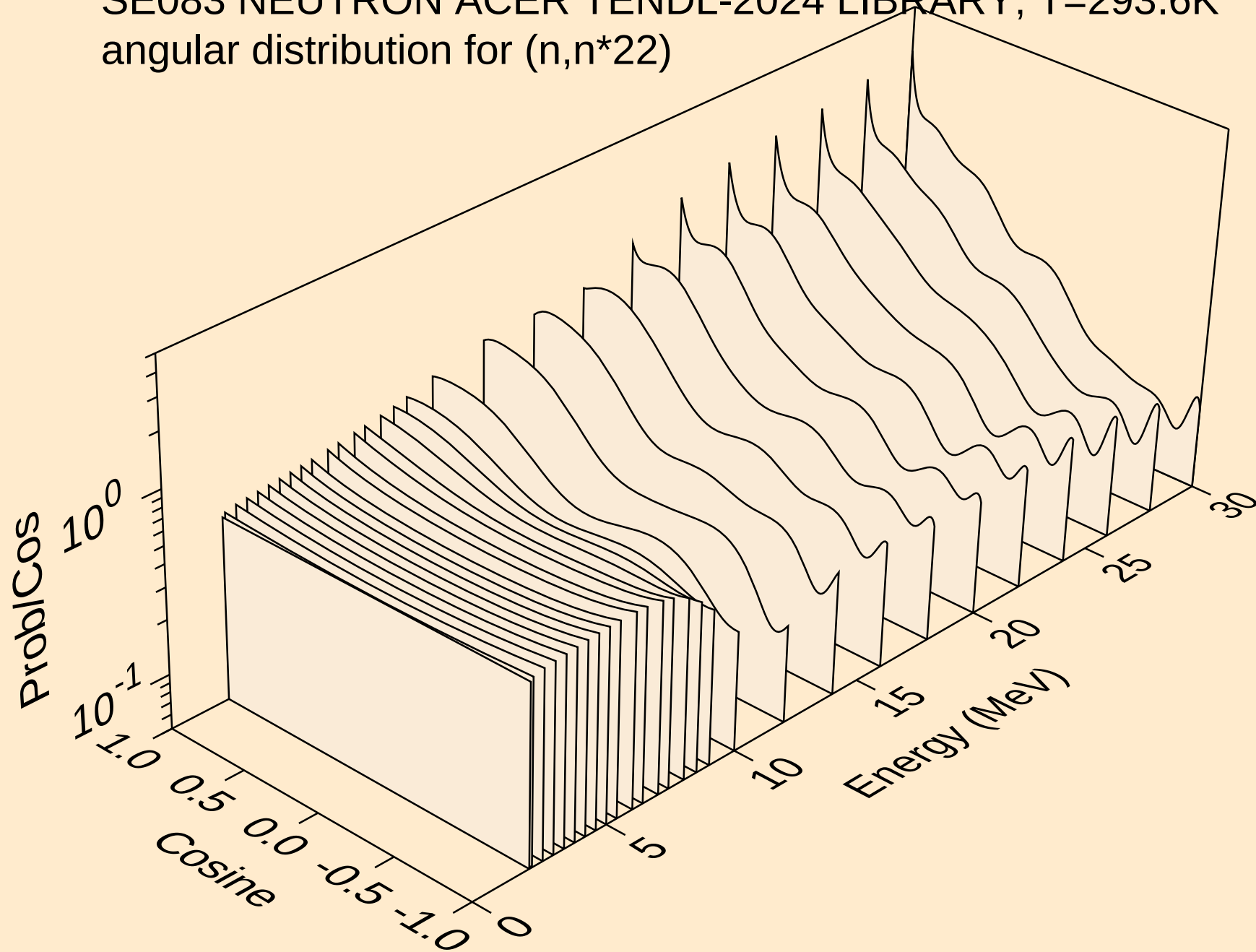
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



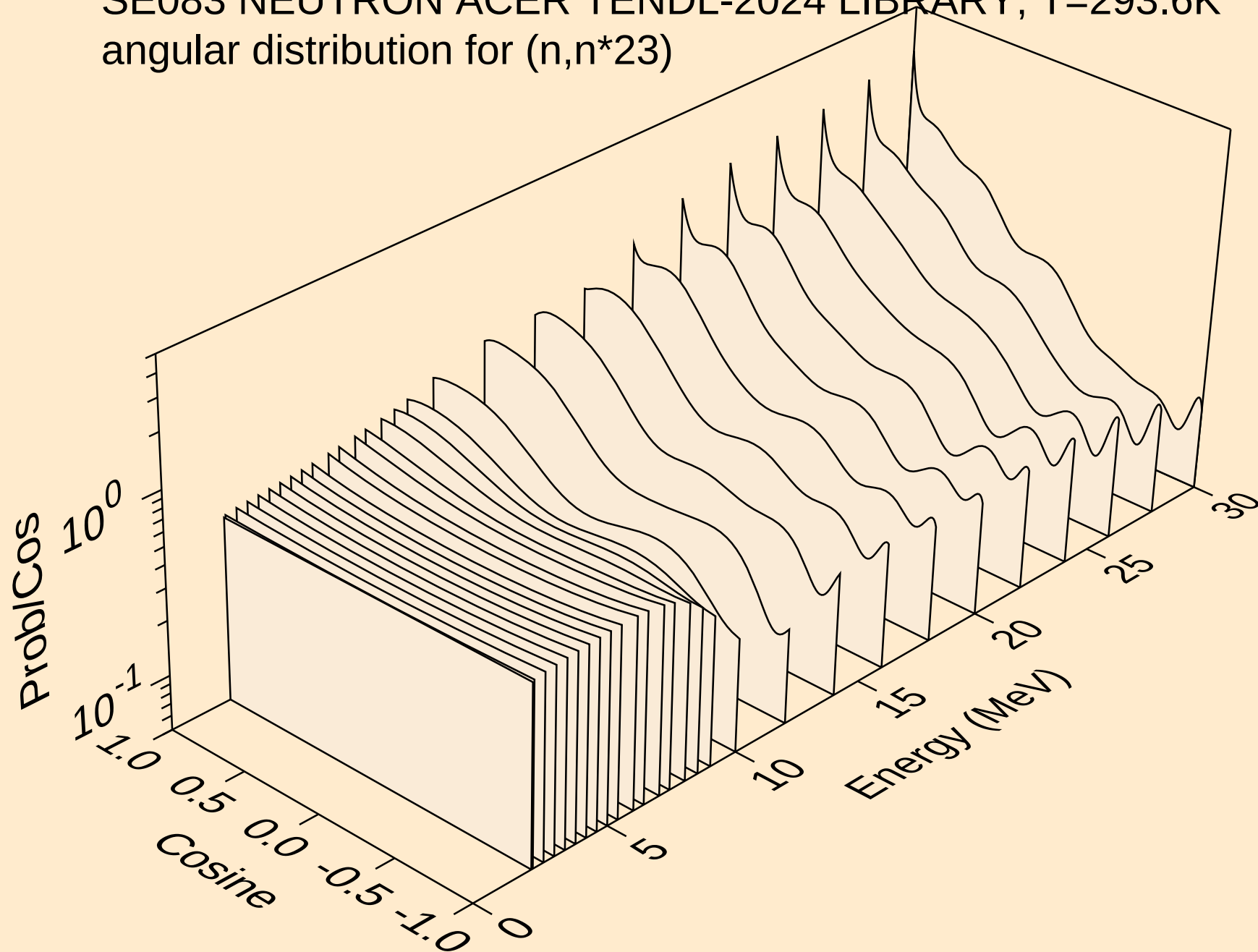
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



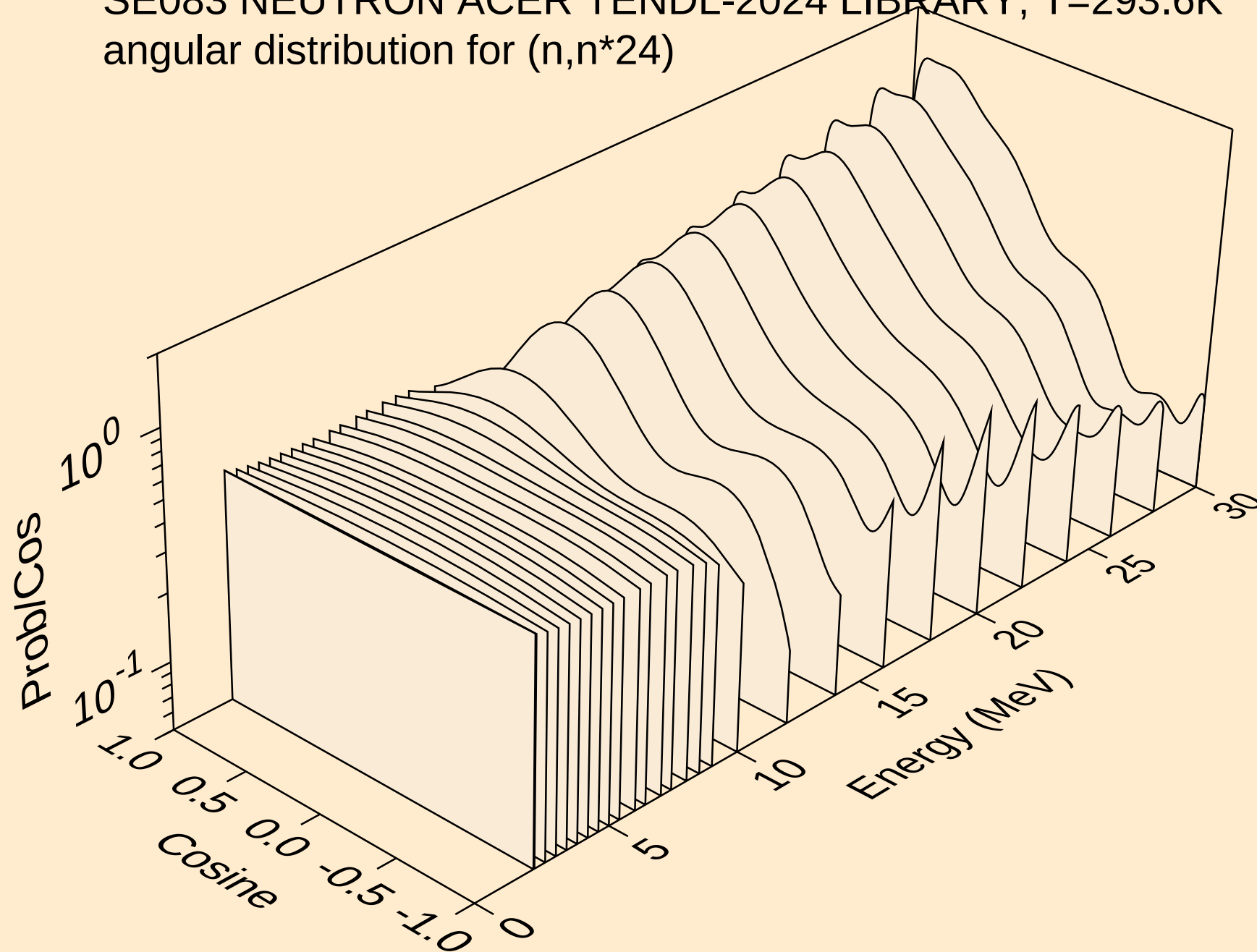
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angular distribution for (n,n*22)



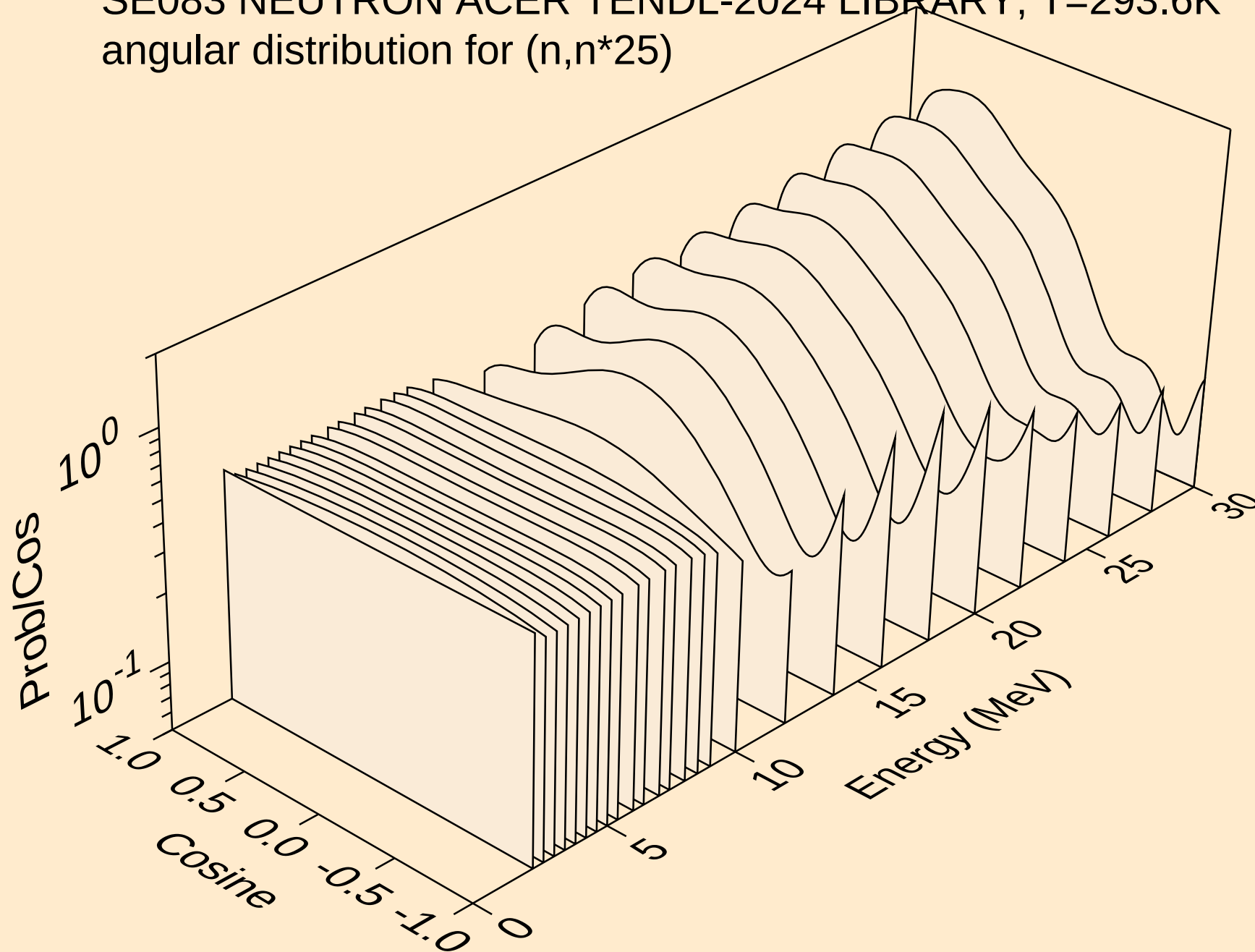
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angular distribution for (n,n*23)



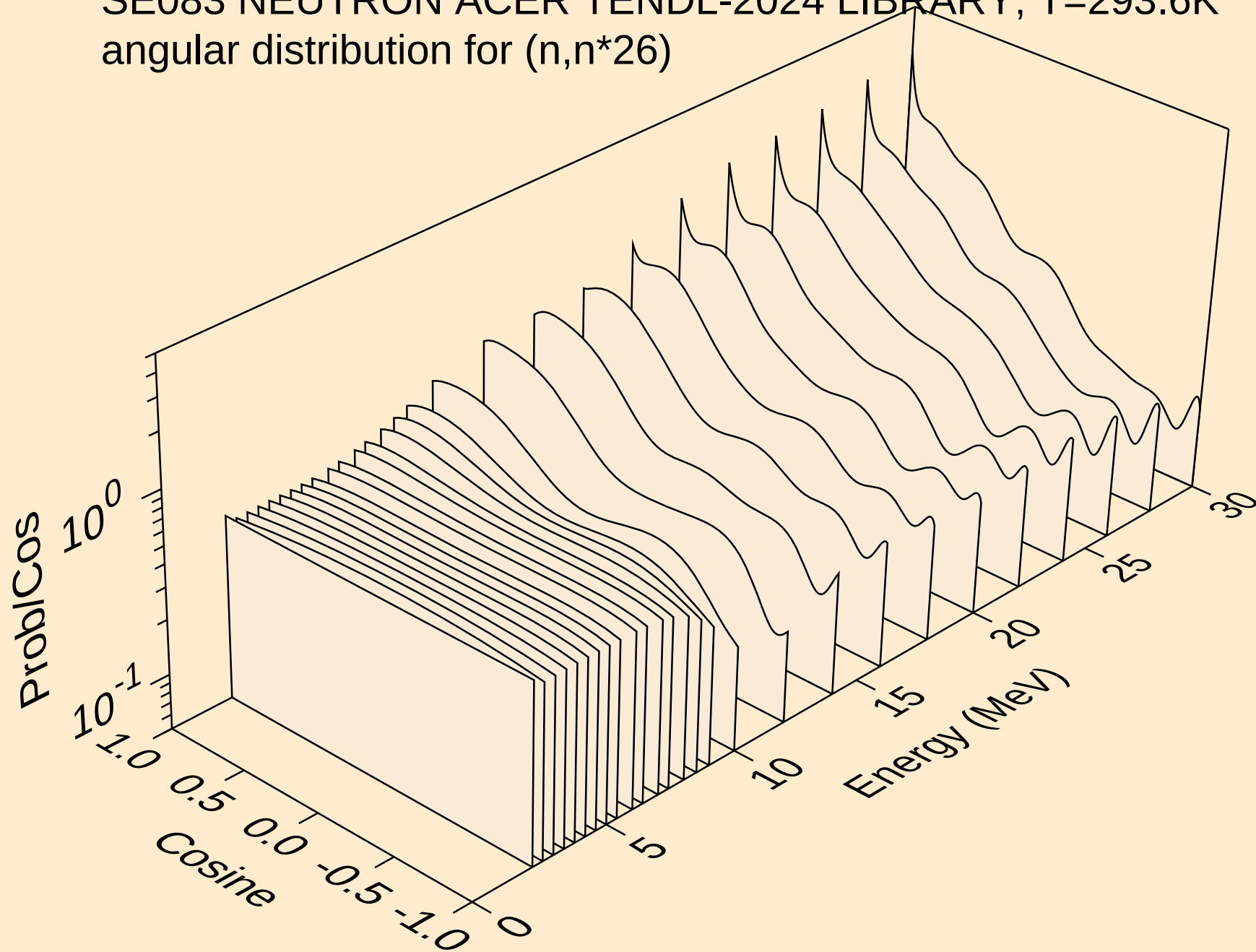
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angular distribution for (n,n*24)



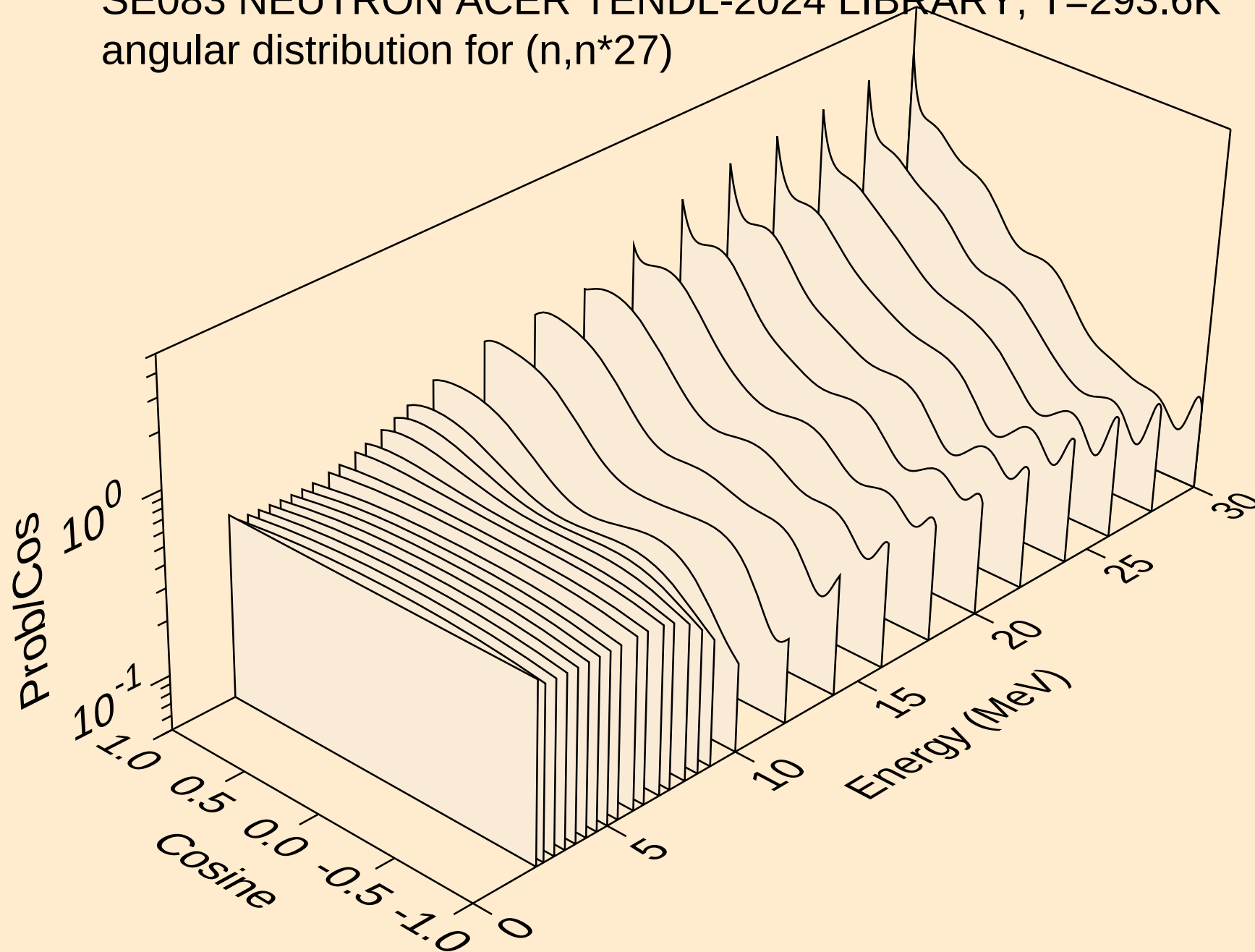
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angular distribution for (n,n*25)



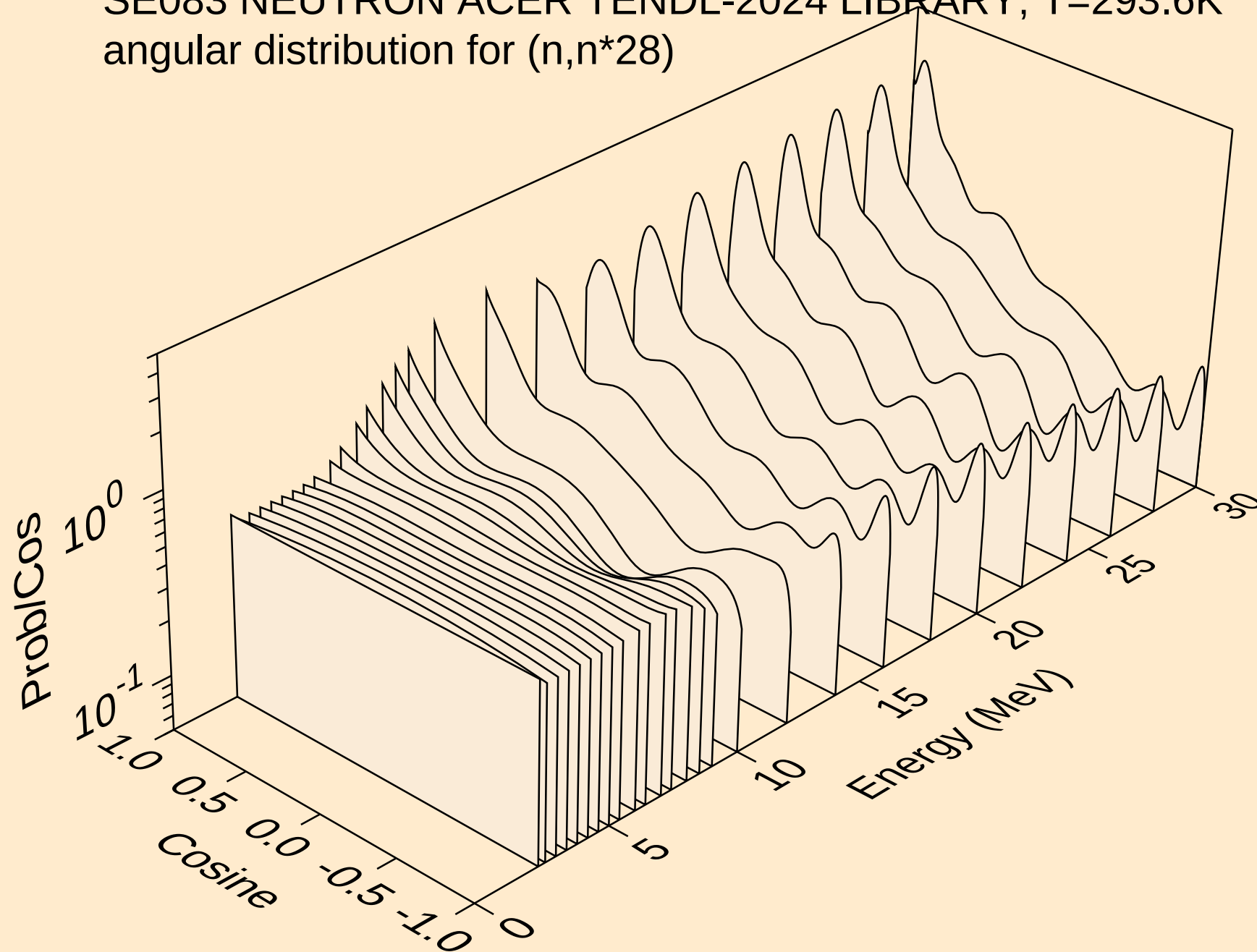
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



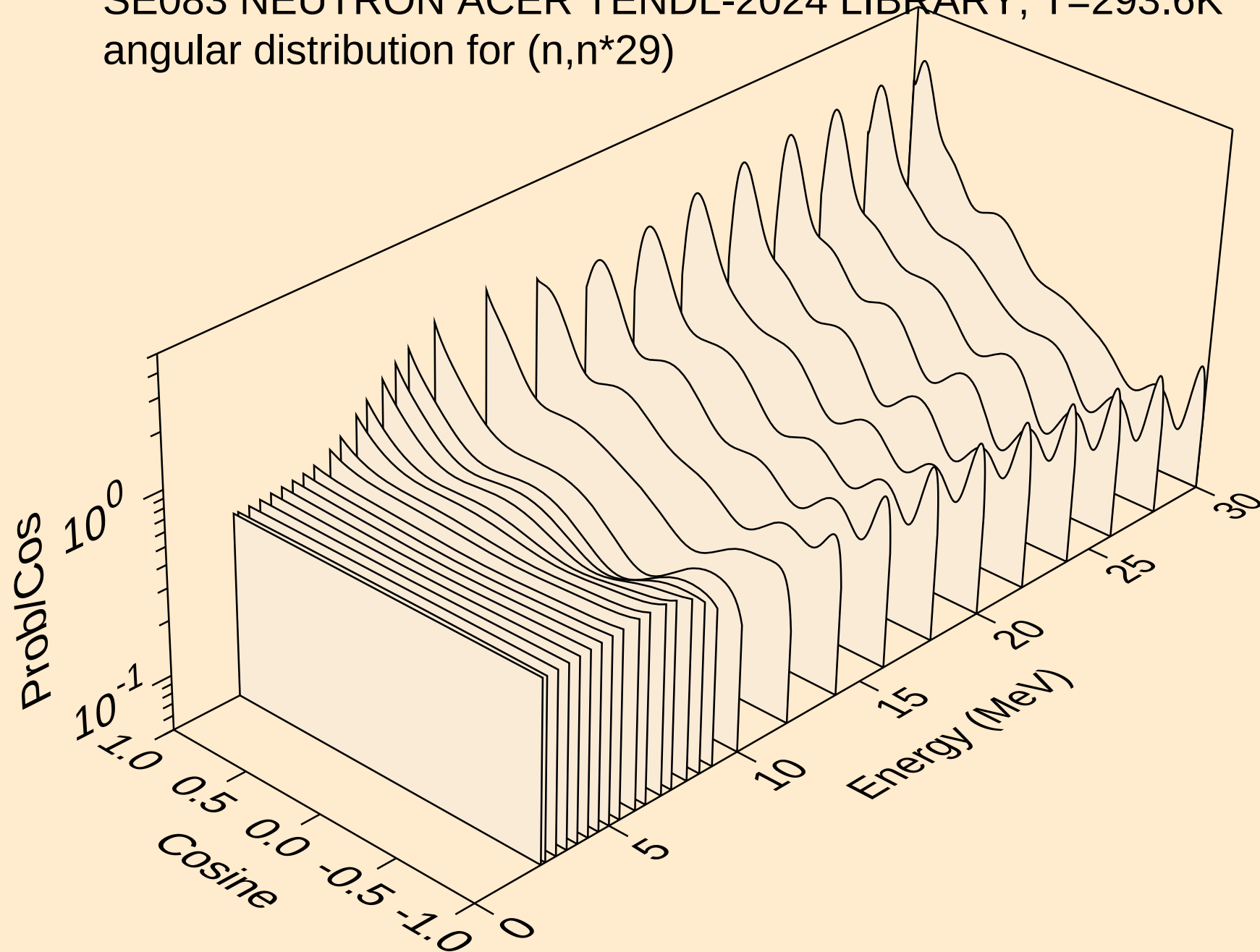
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



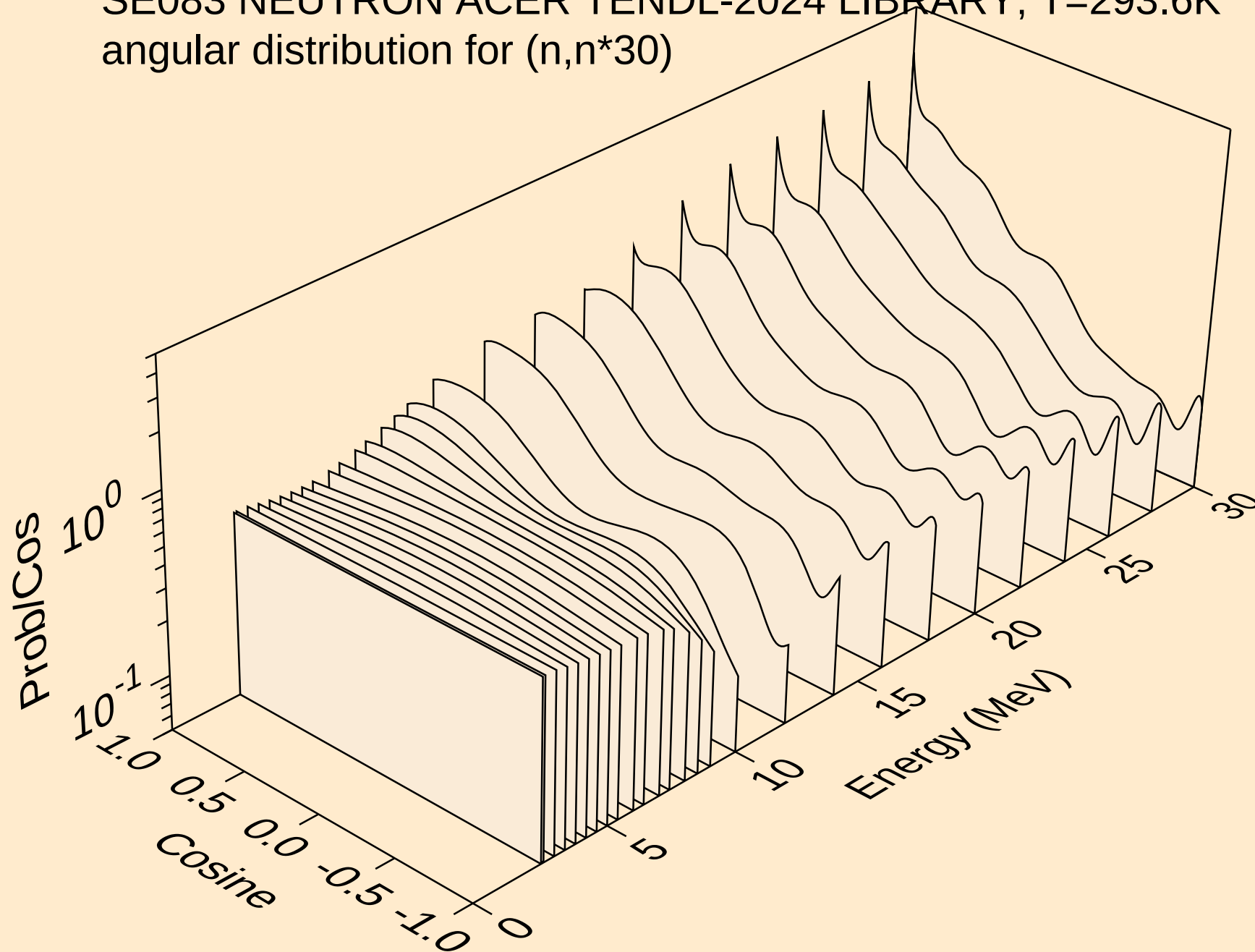
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



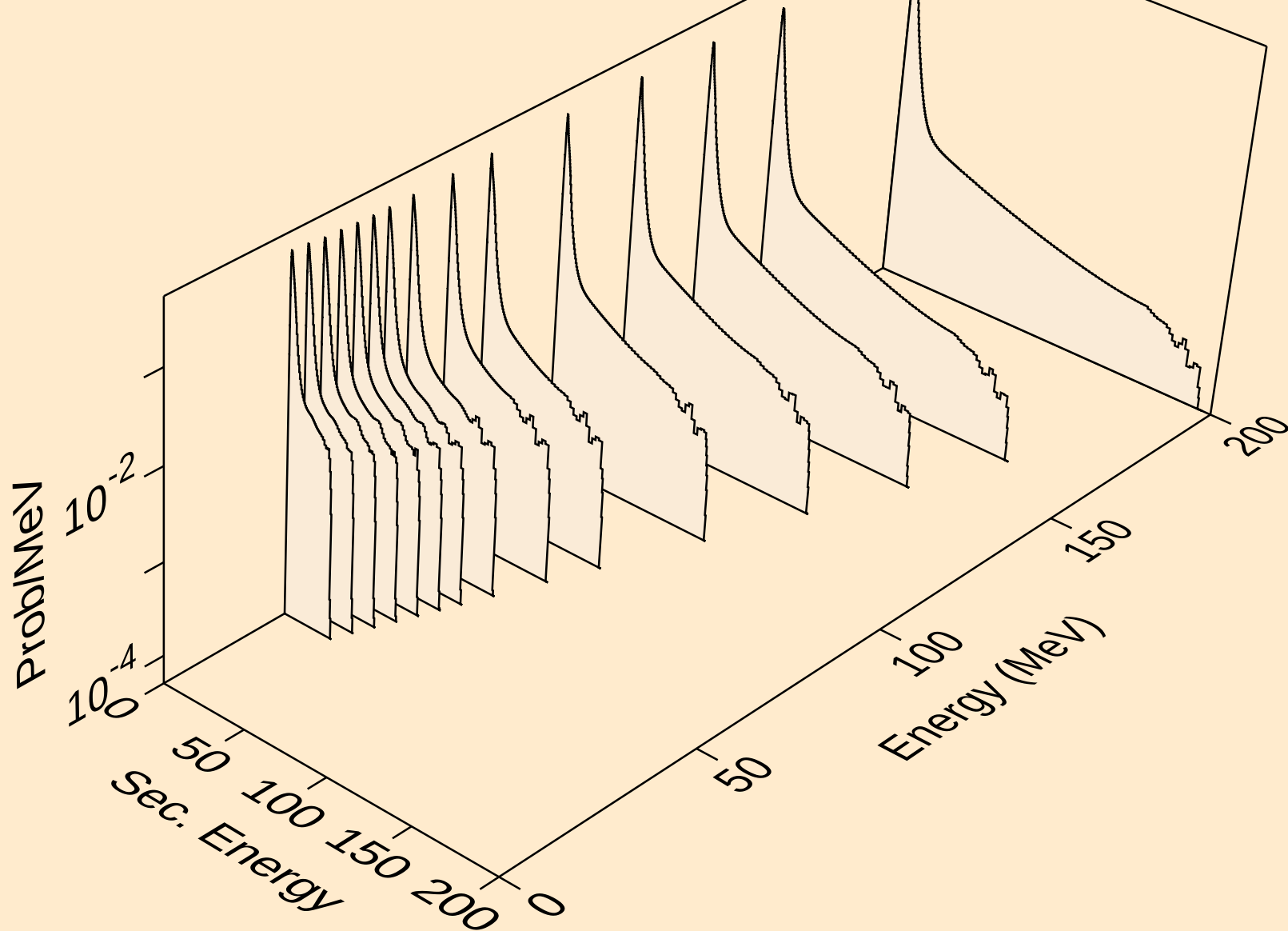
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*29)



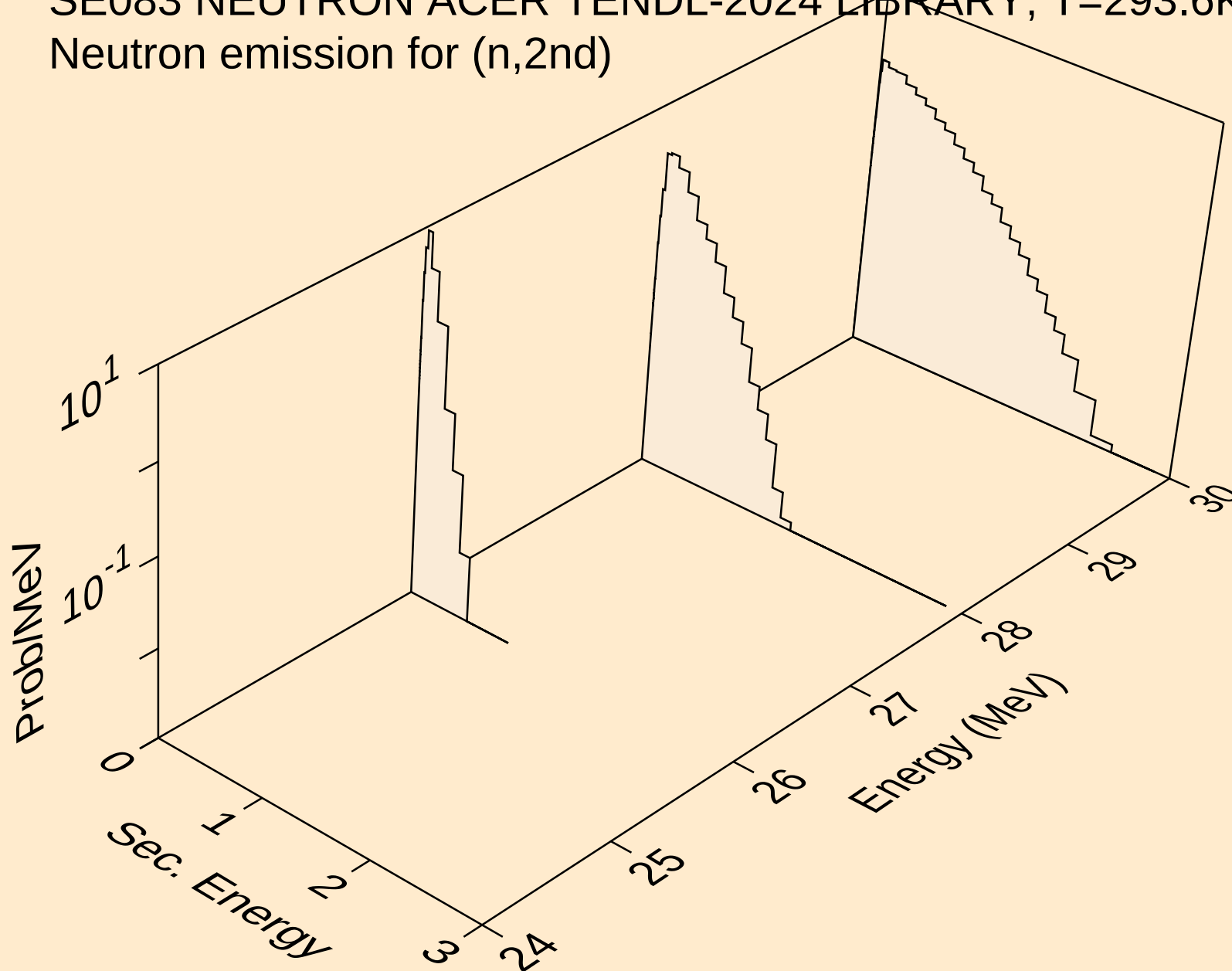
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*30)



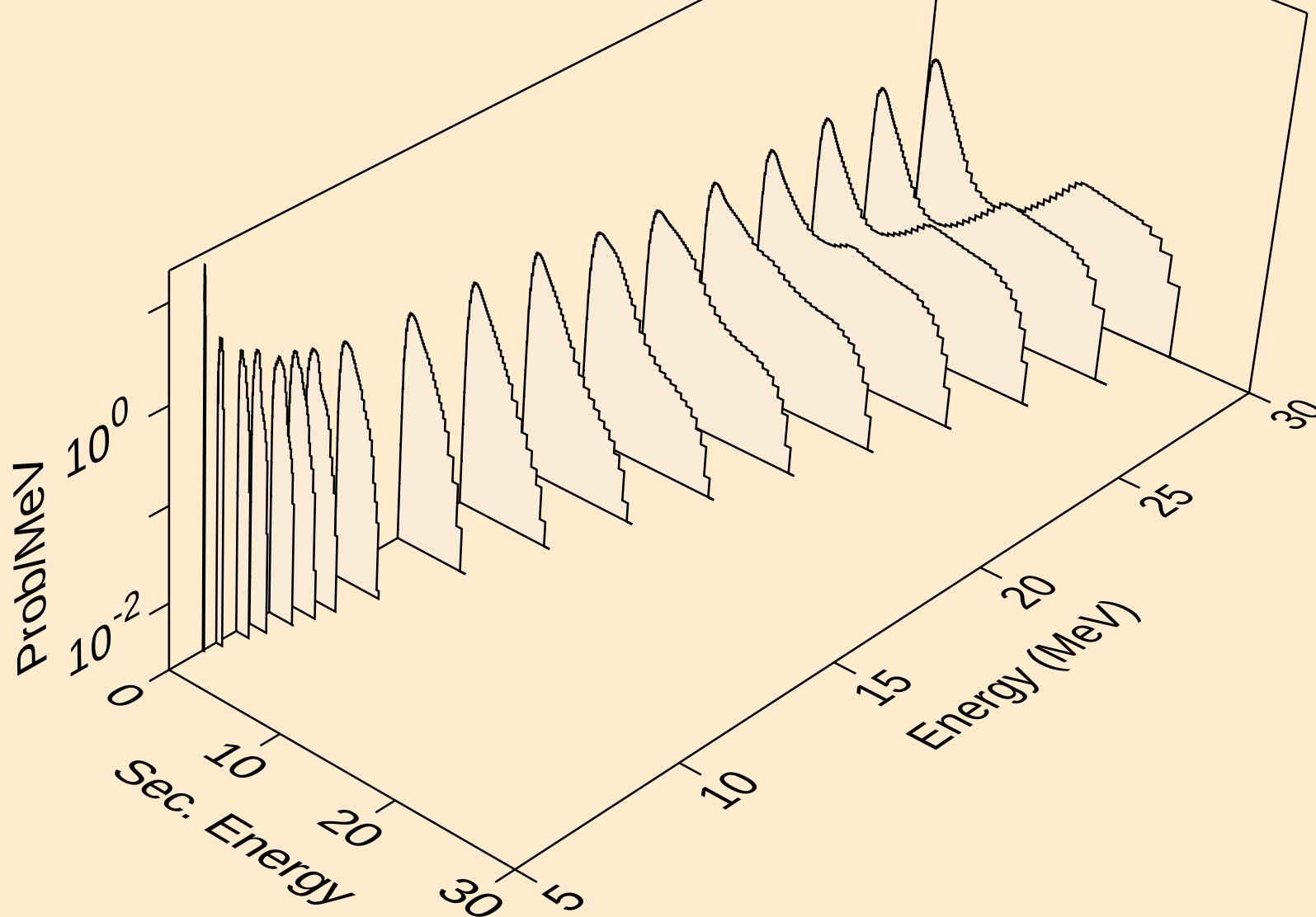
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



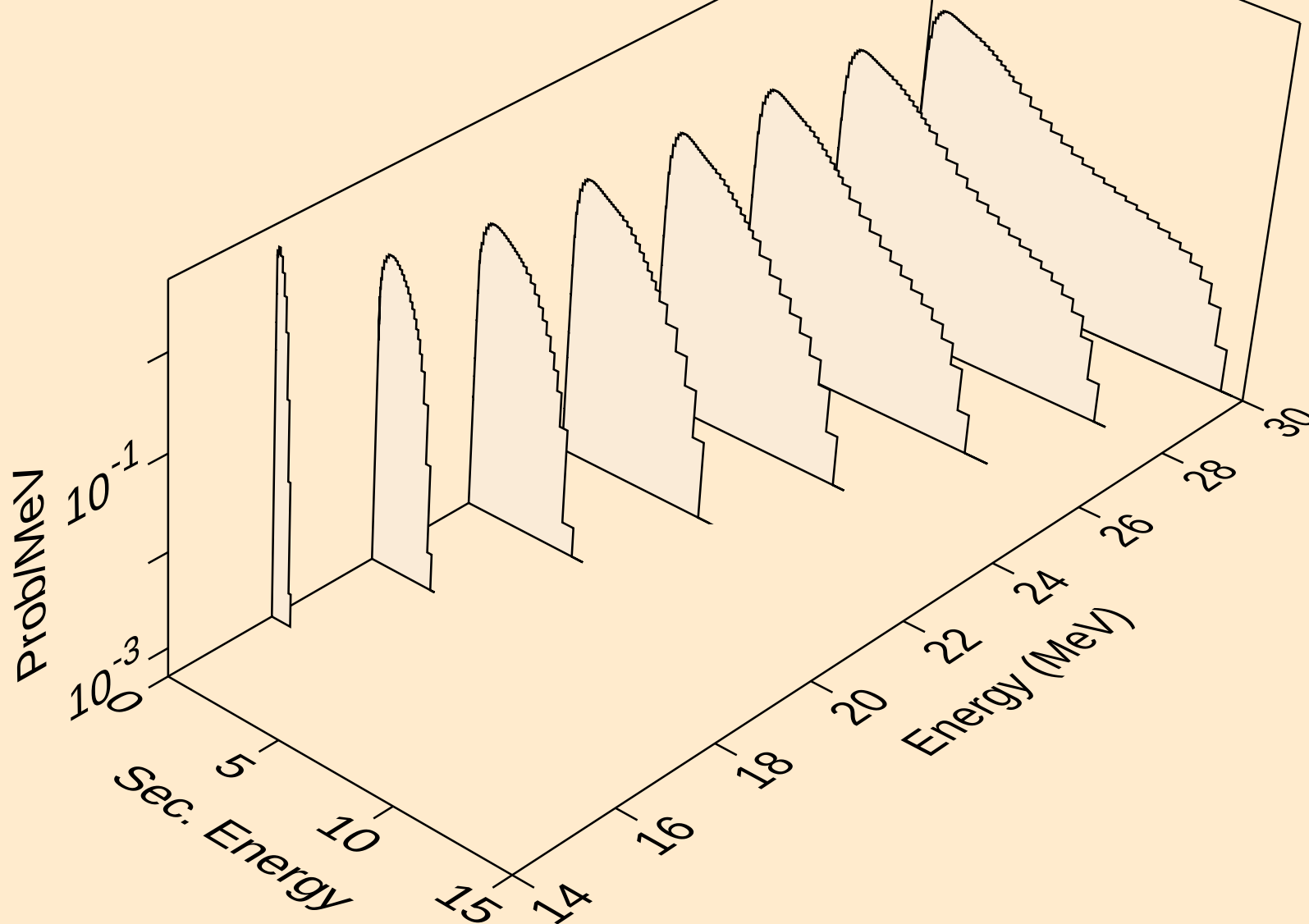
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)

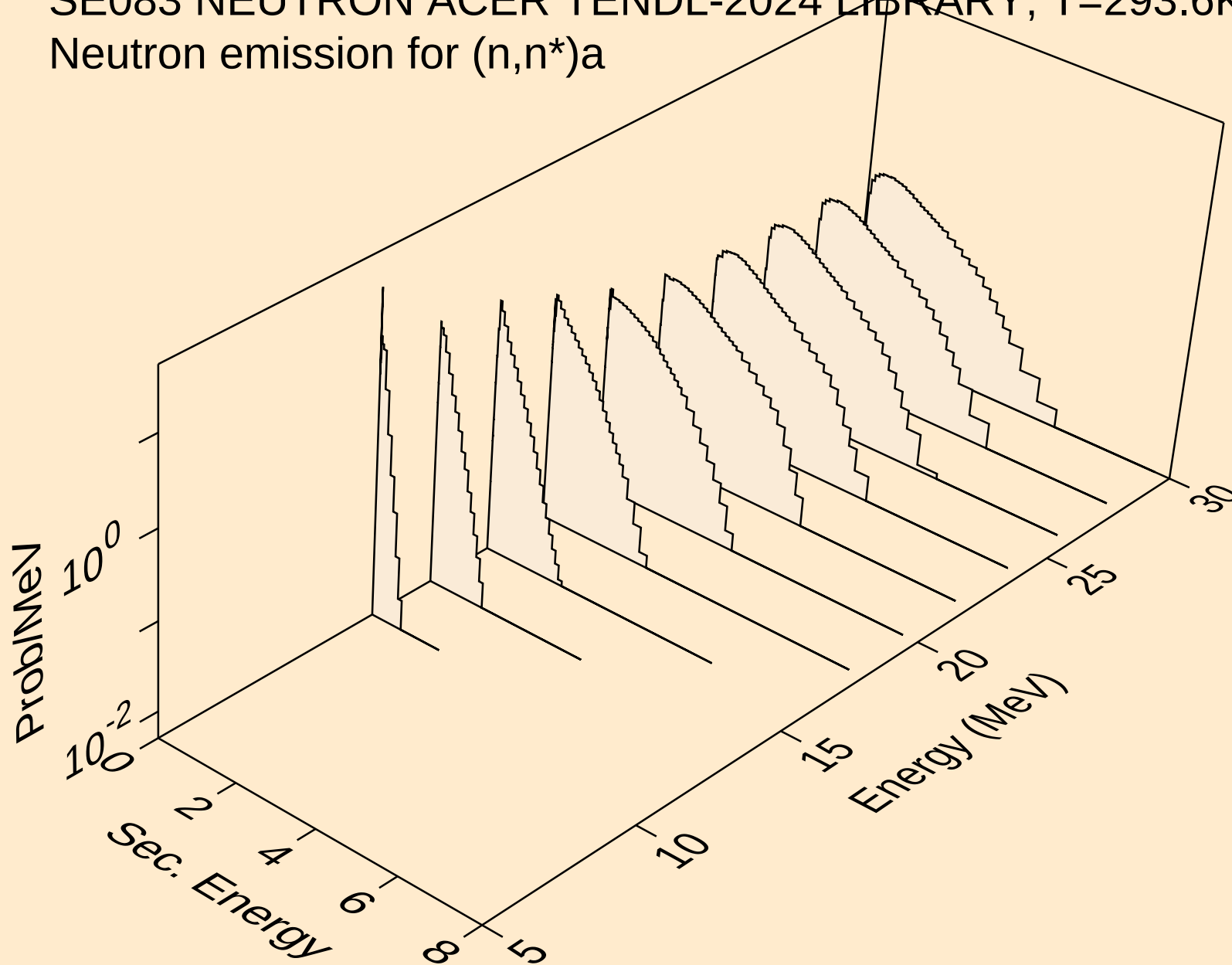


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)

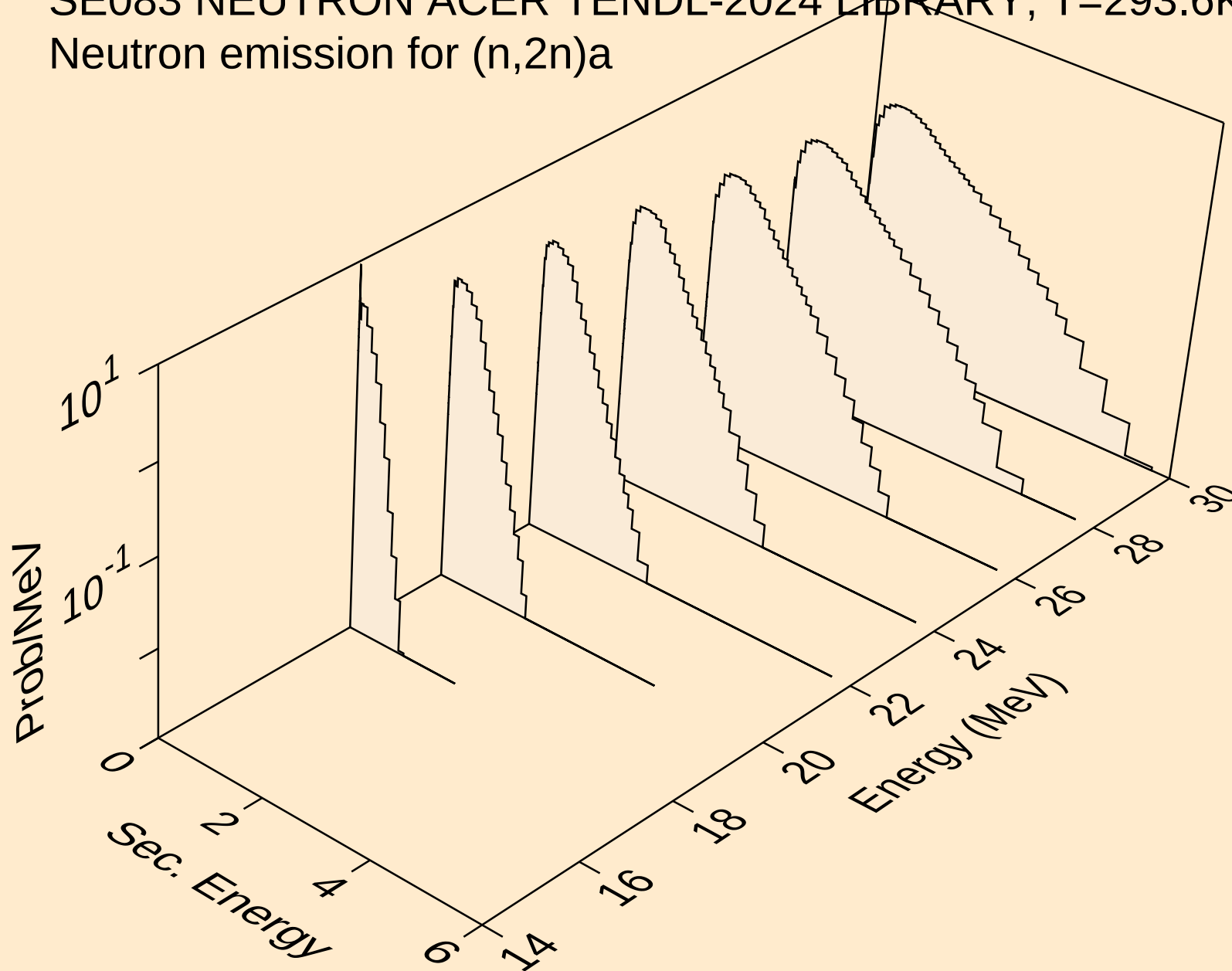


SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

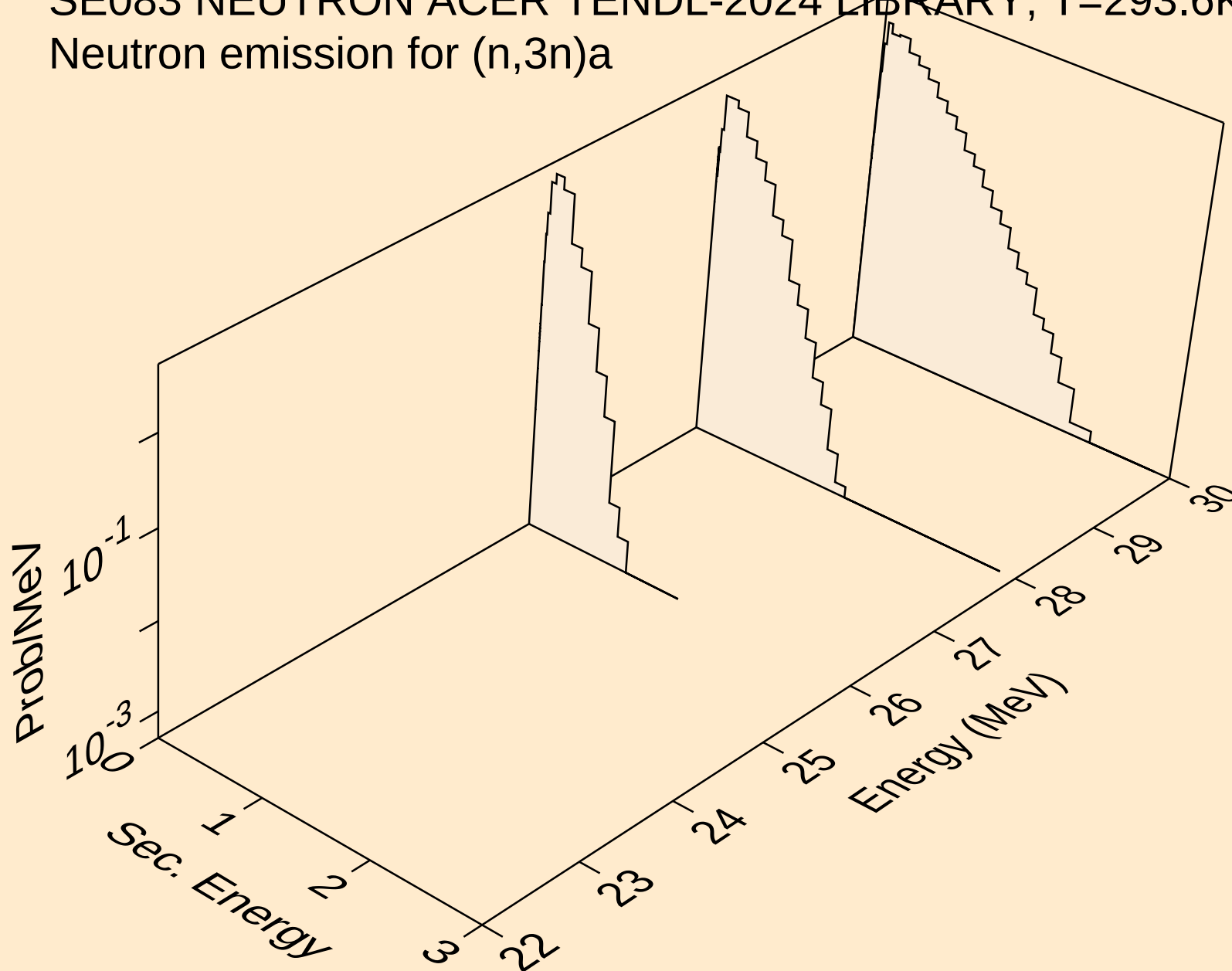
Neutron emission for (n,n*)a



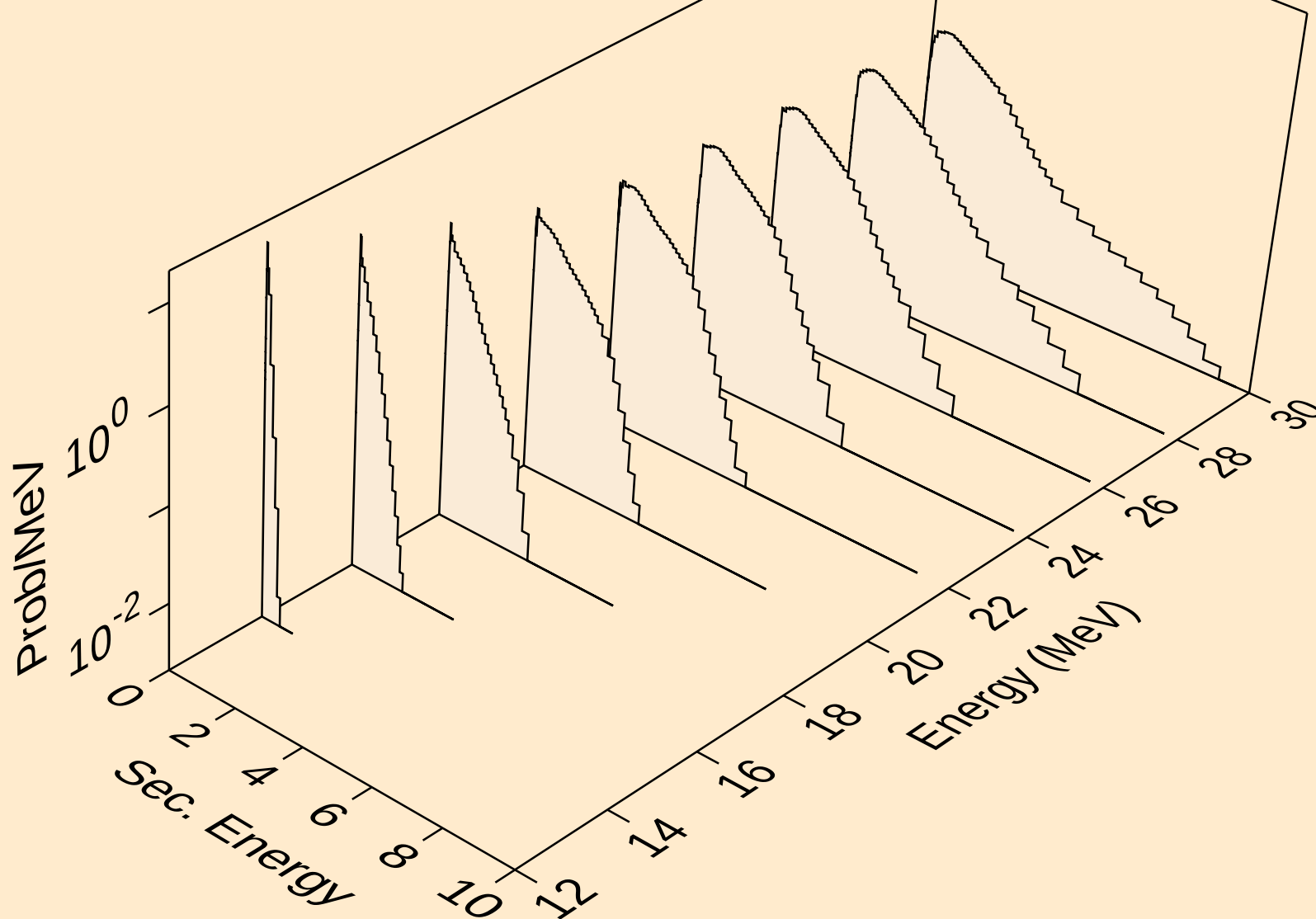
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



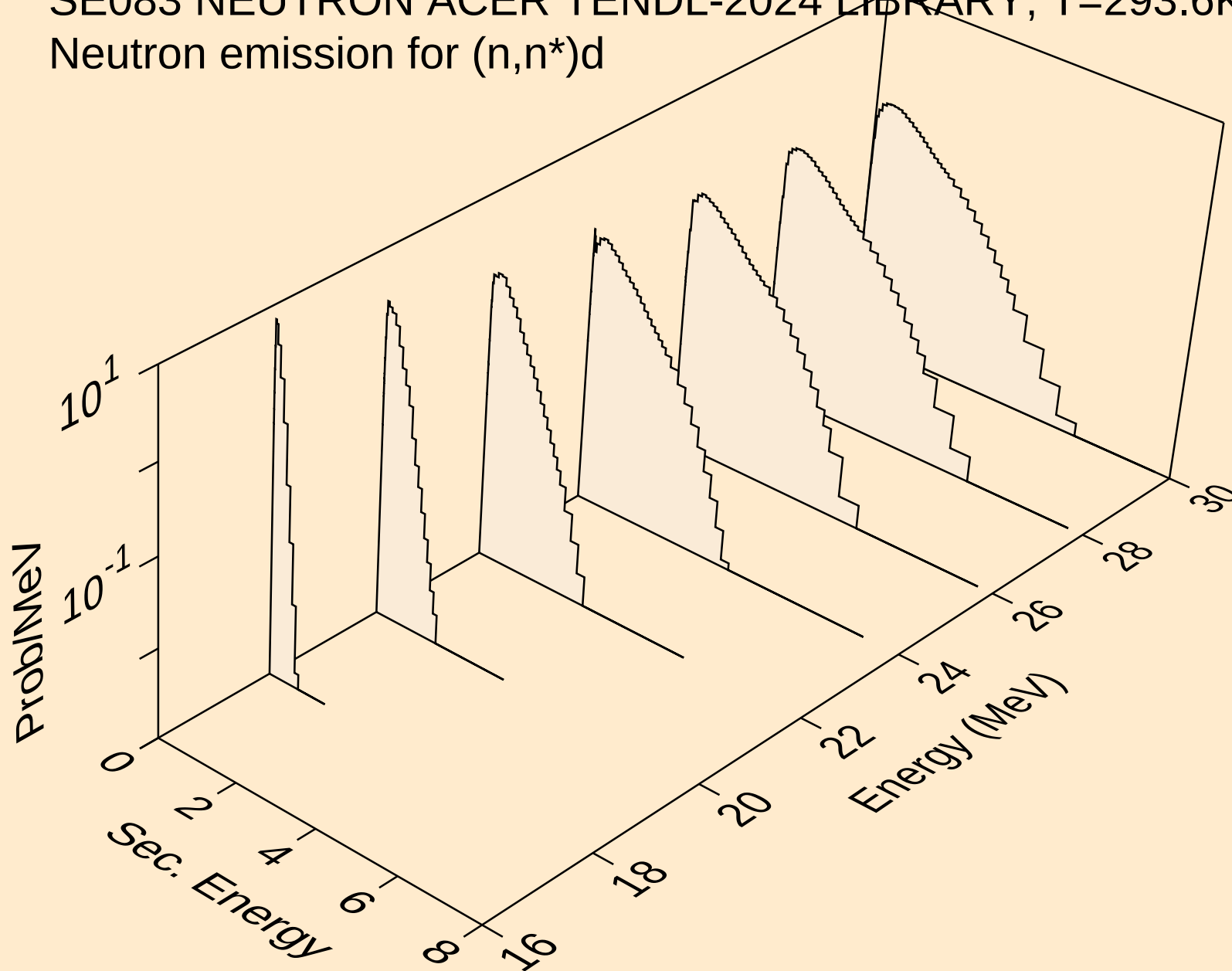
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



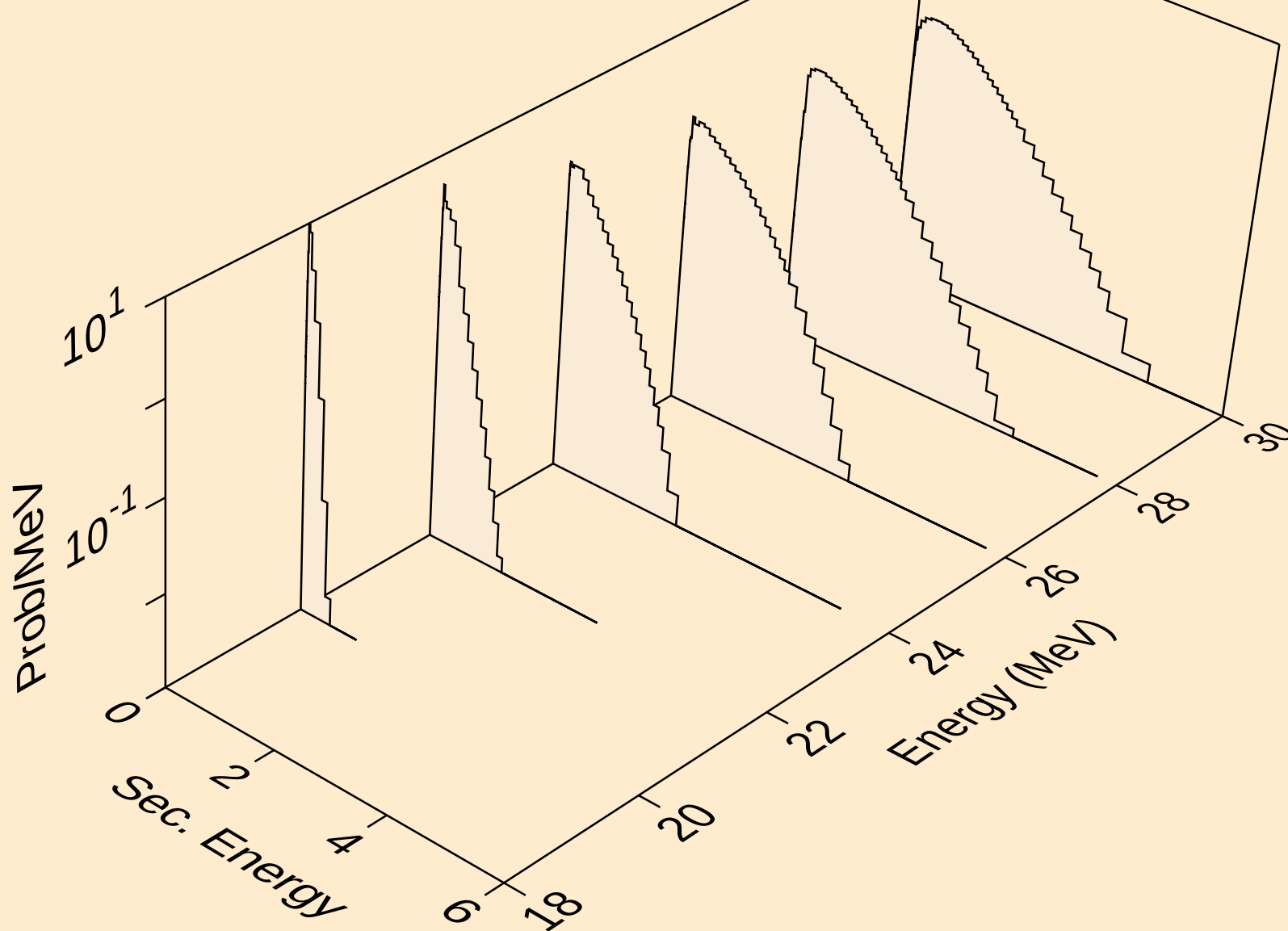
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



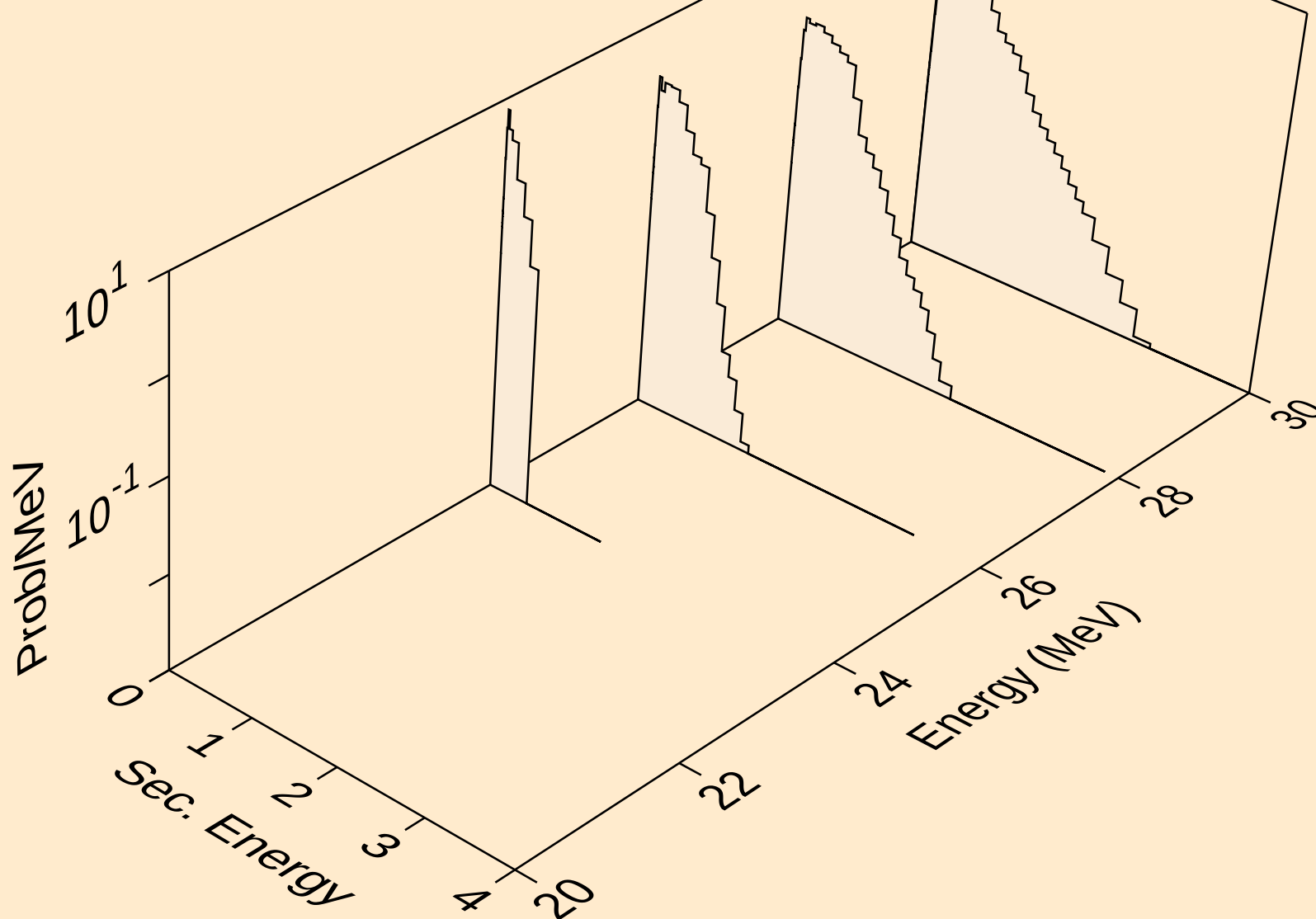
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



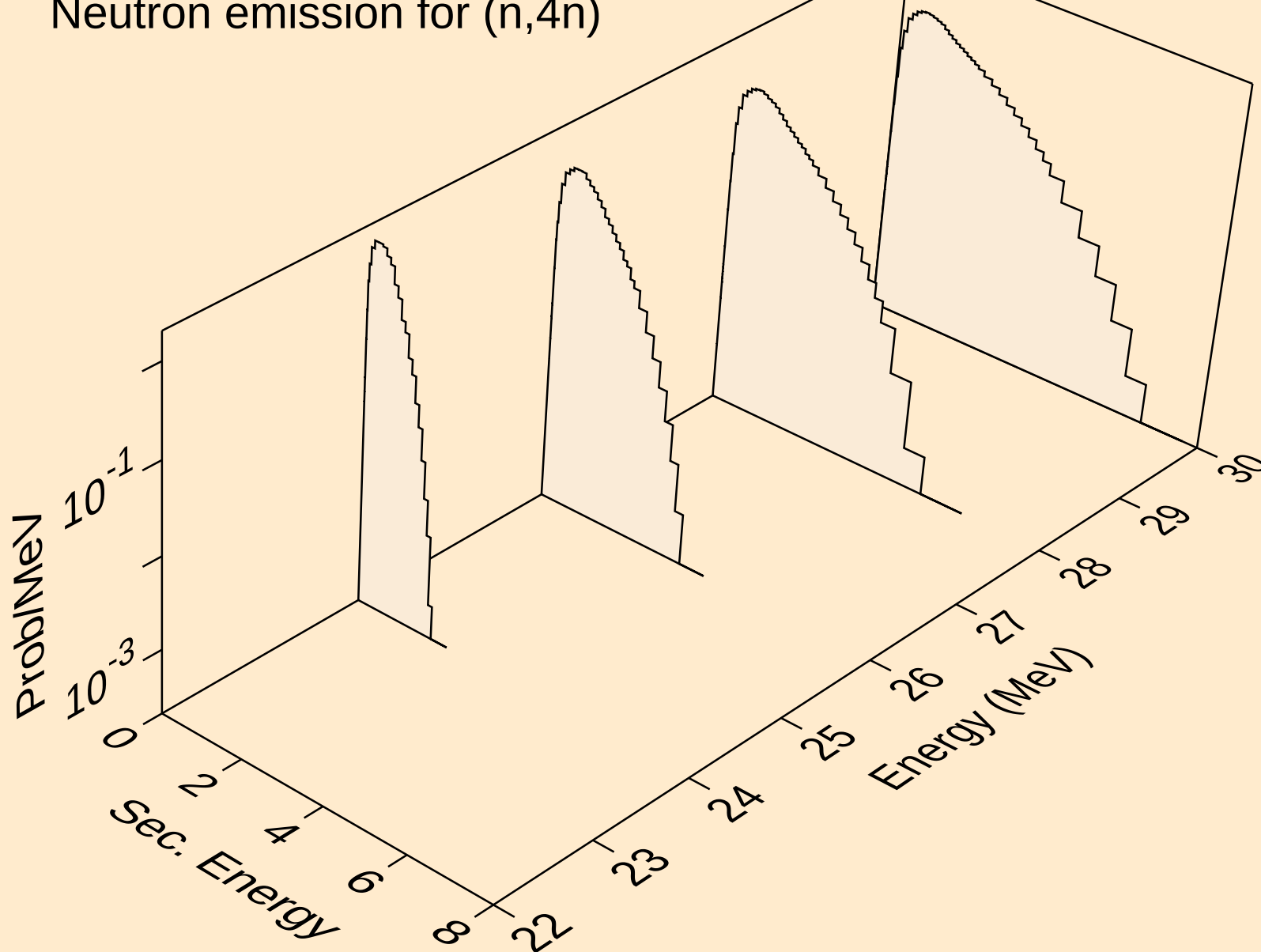
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



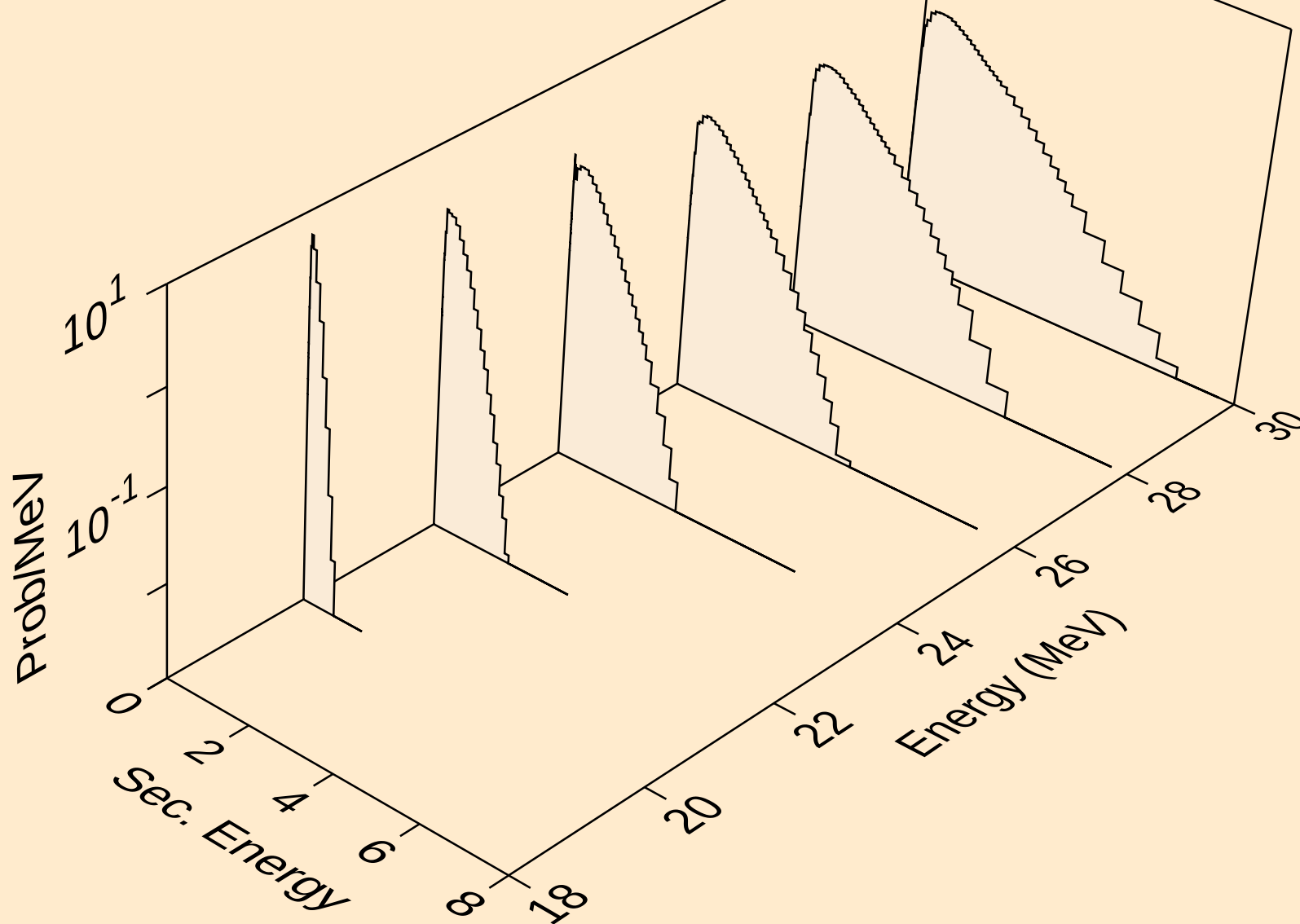
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



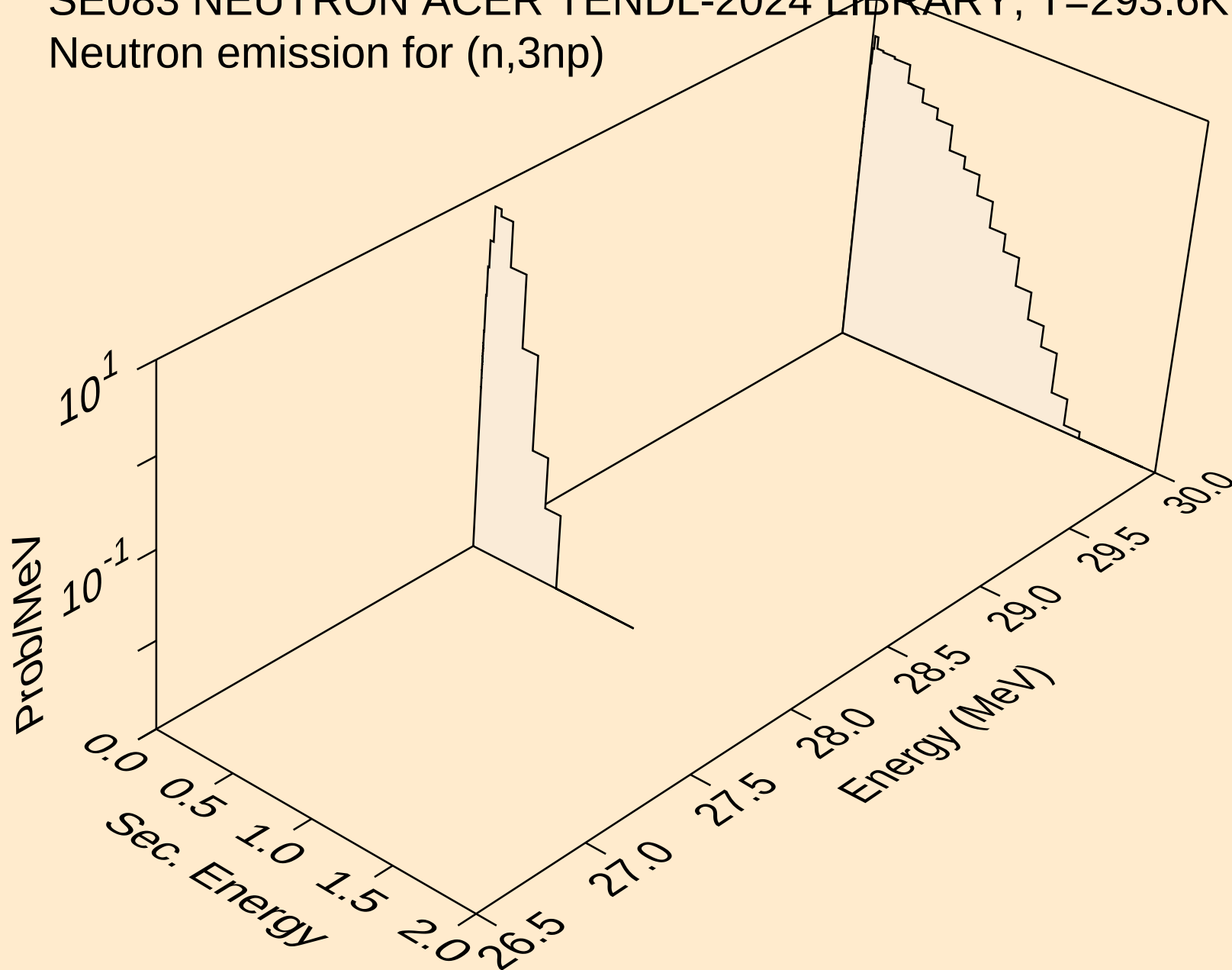
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



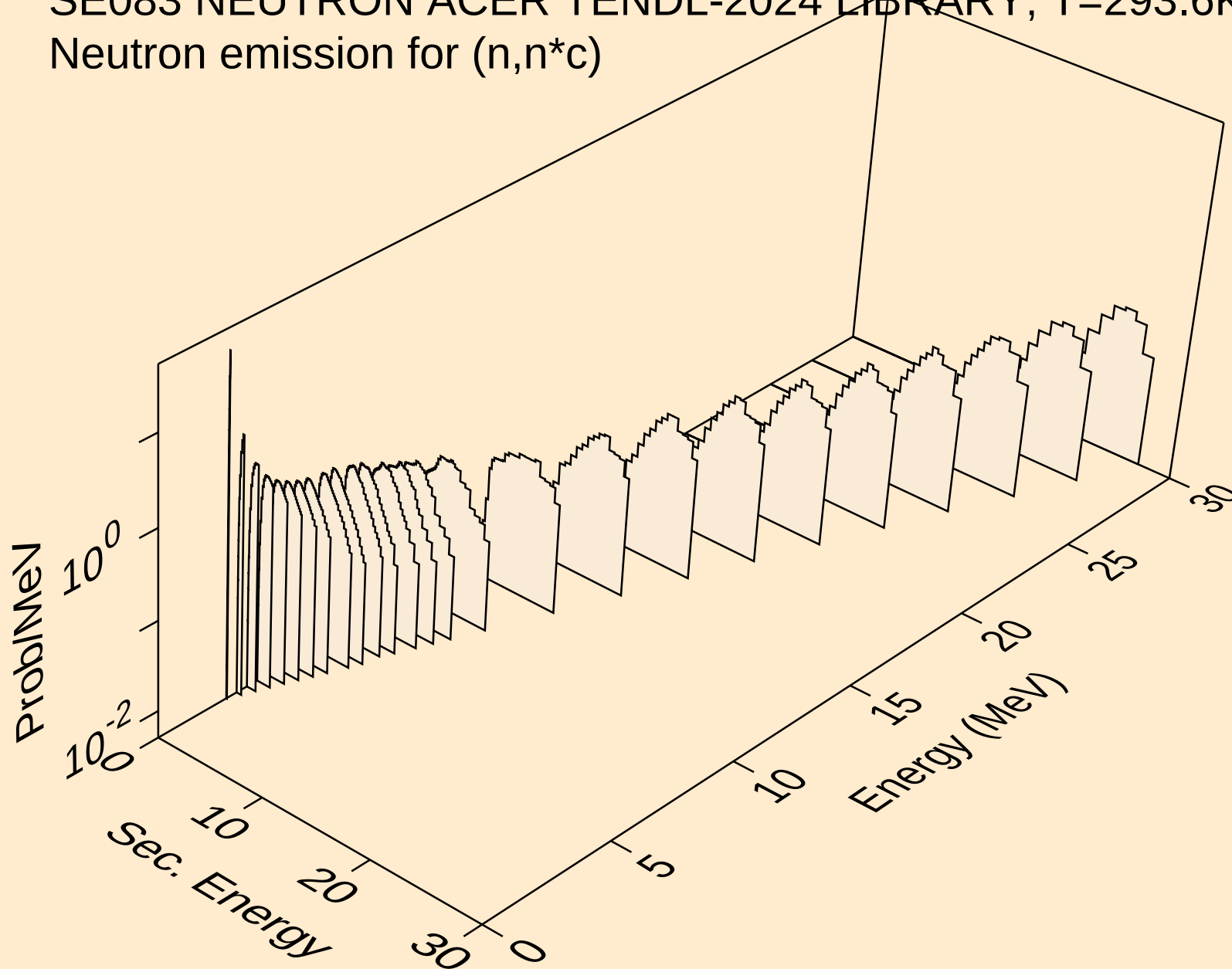
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



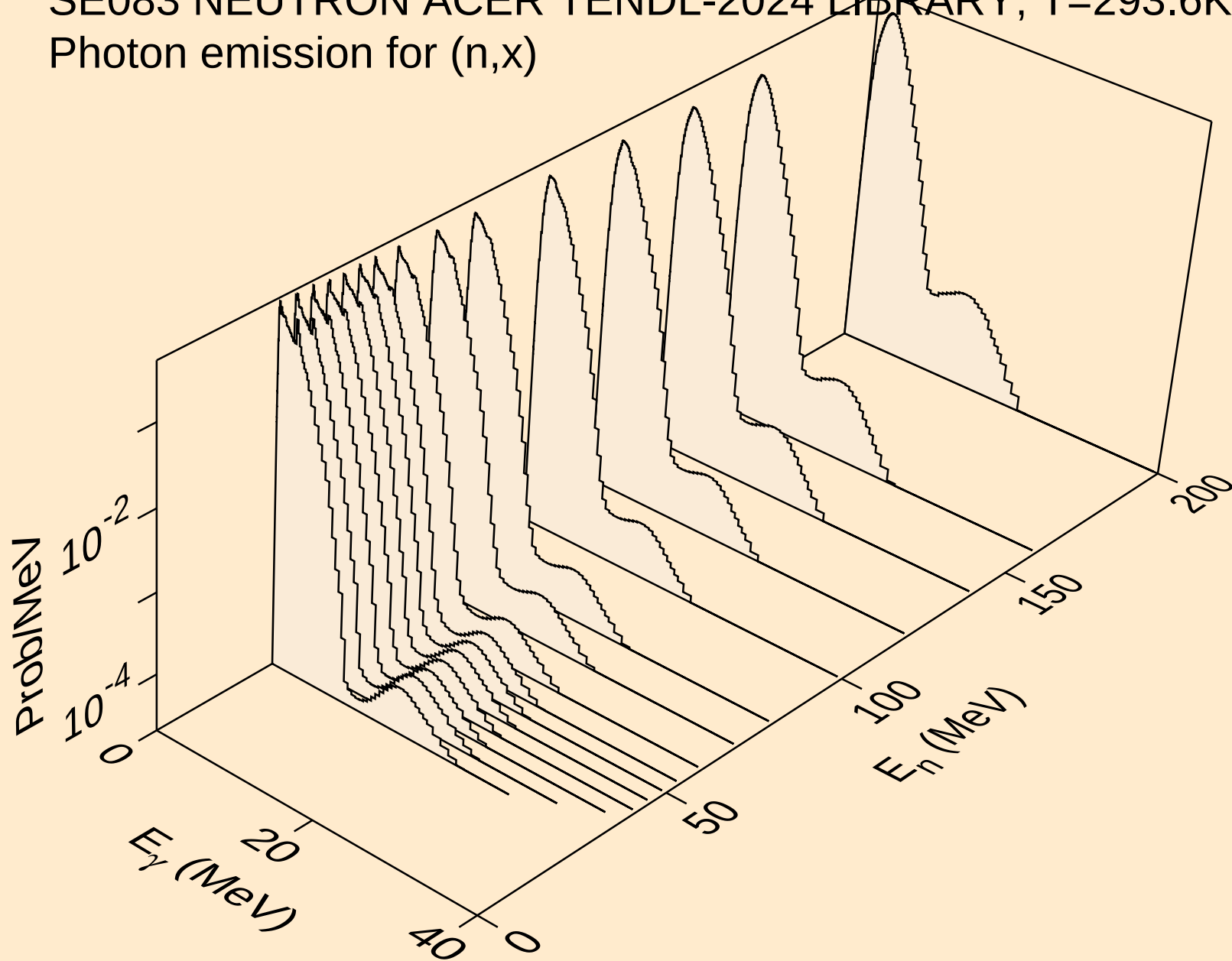
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



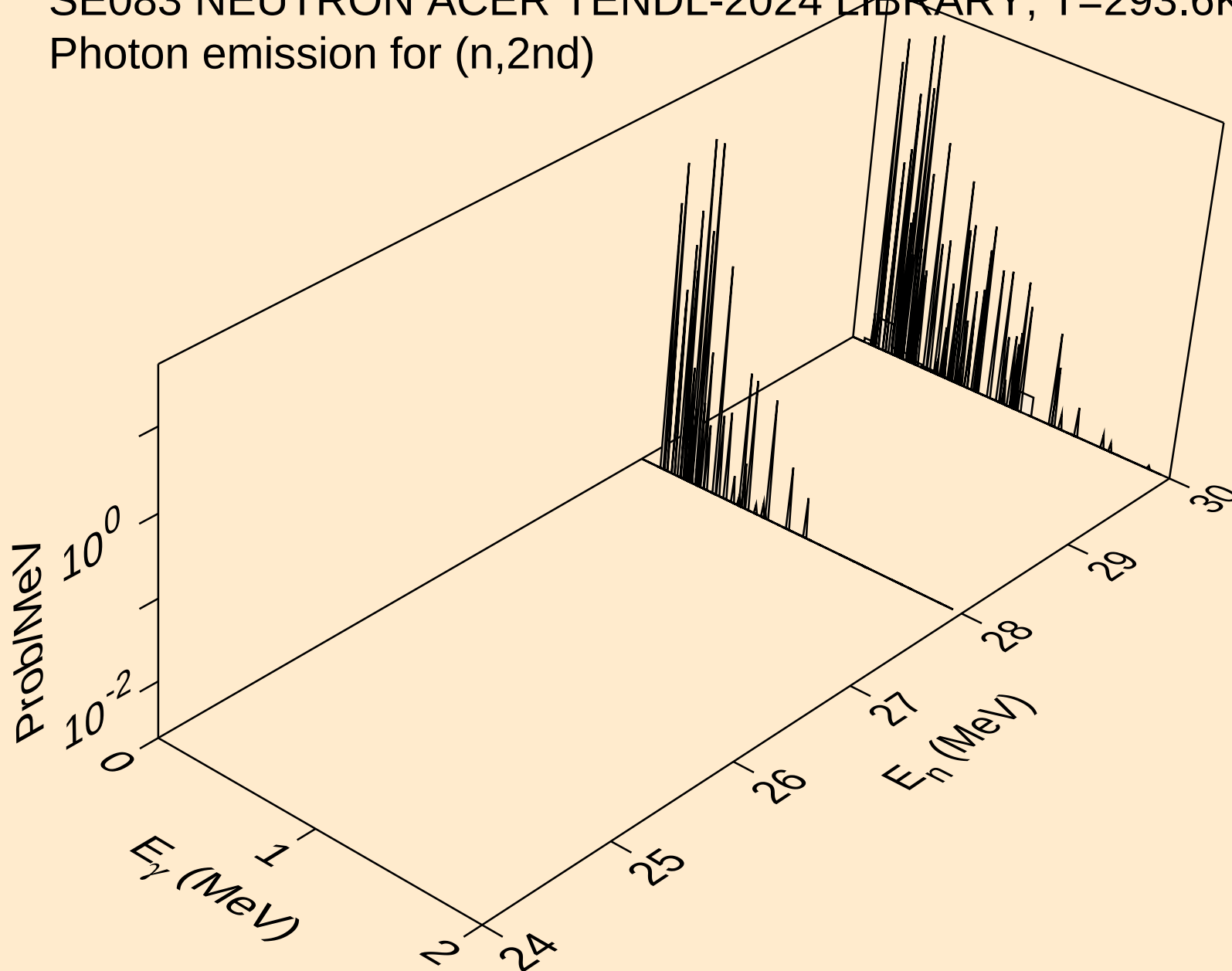
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



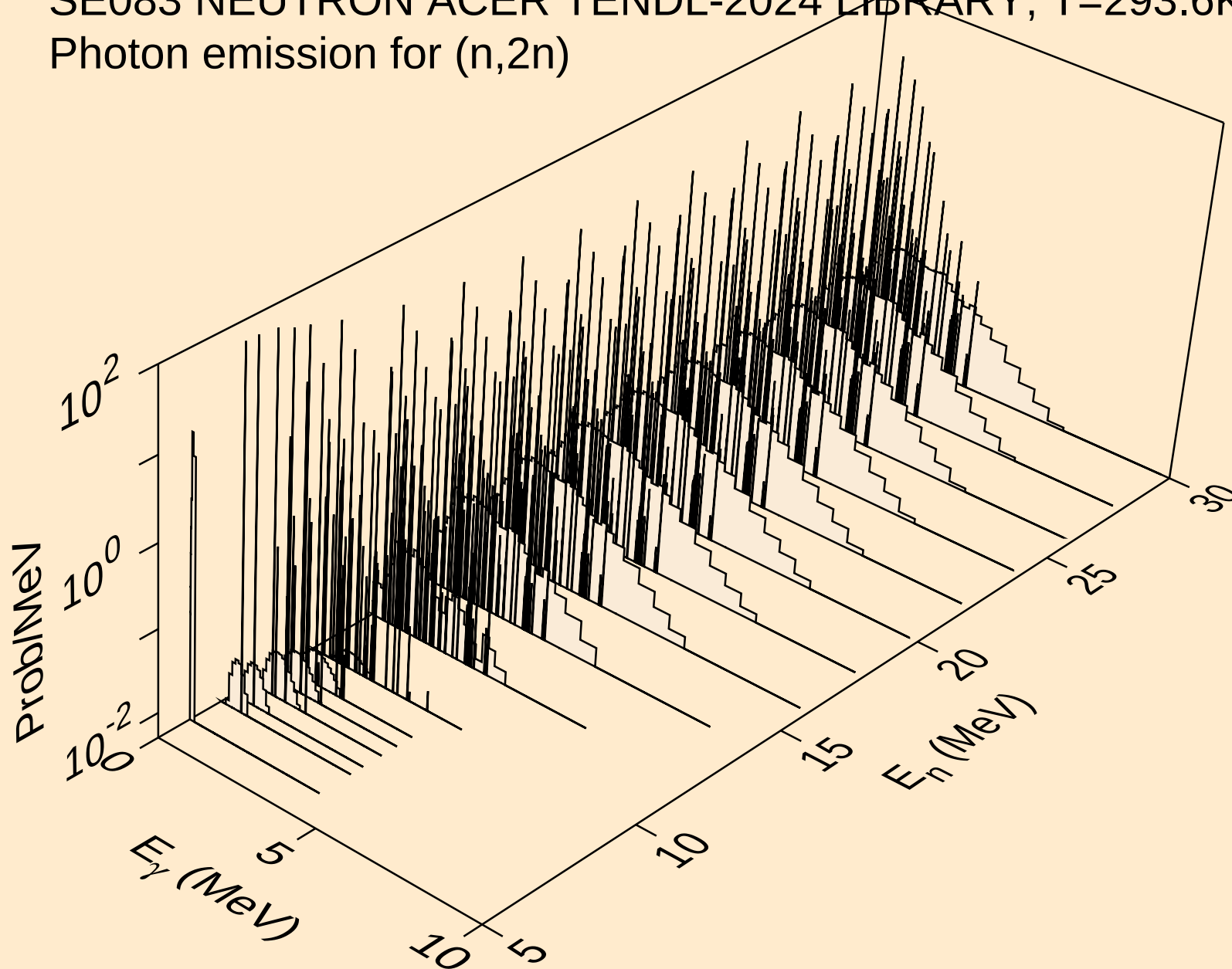
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



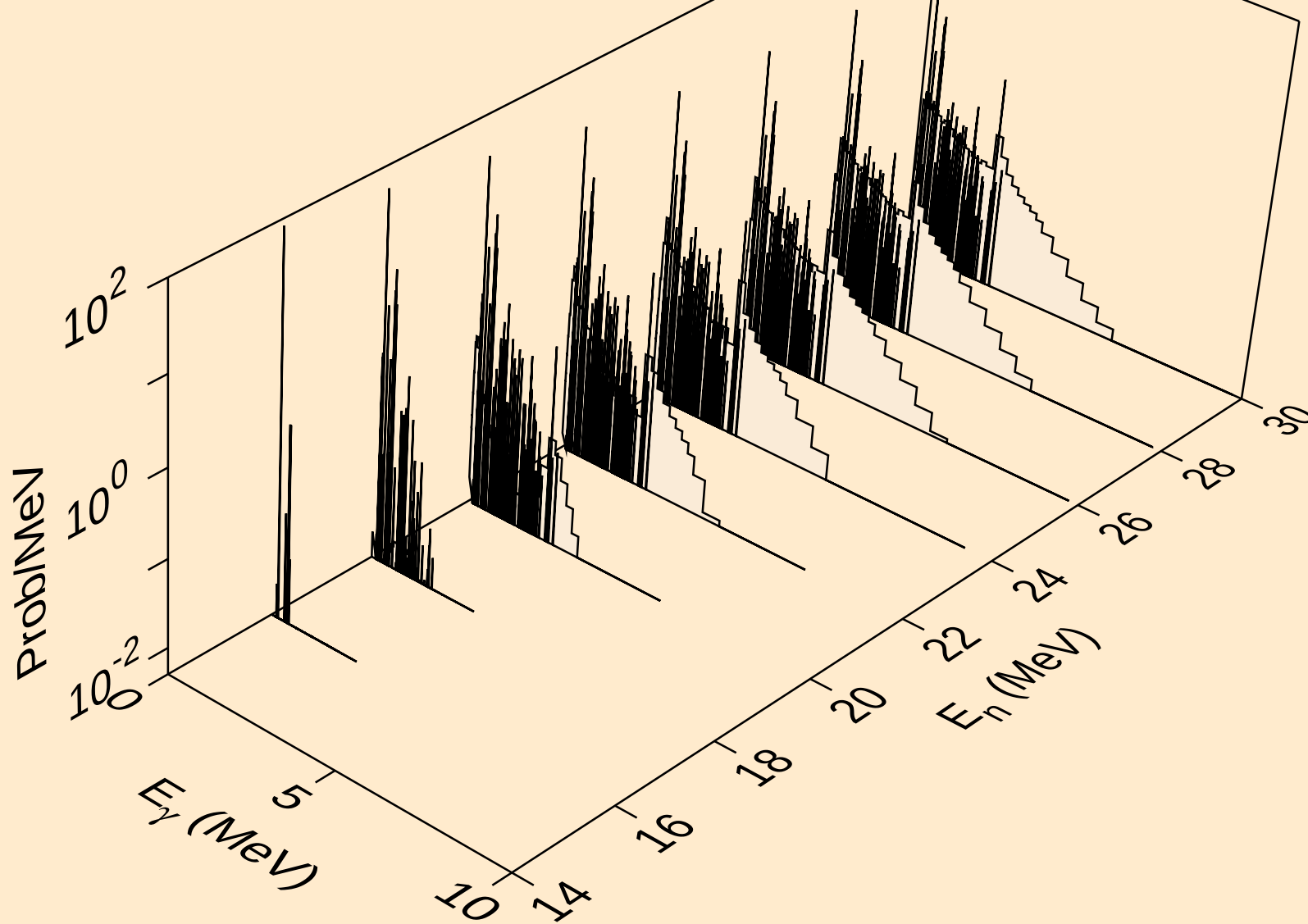
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



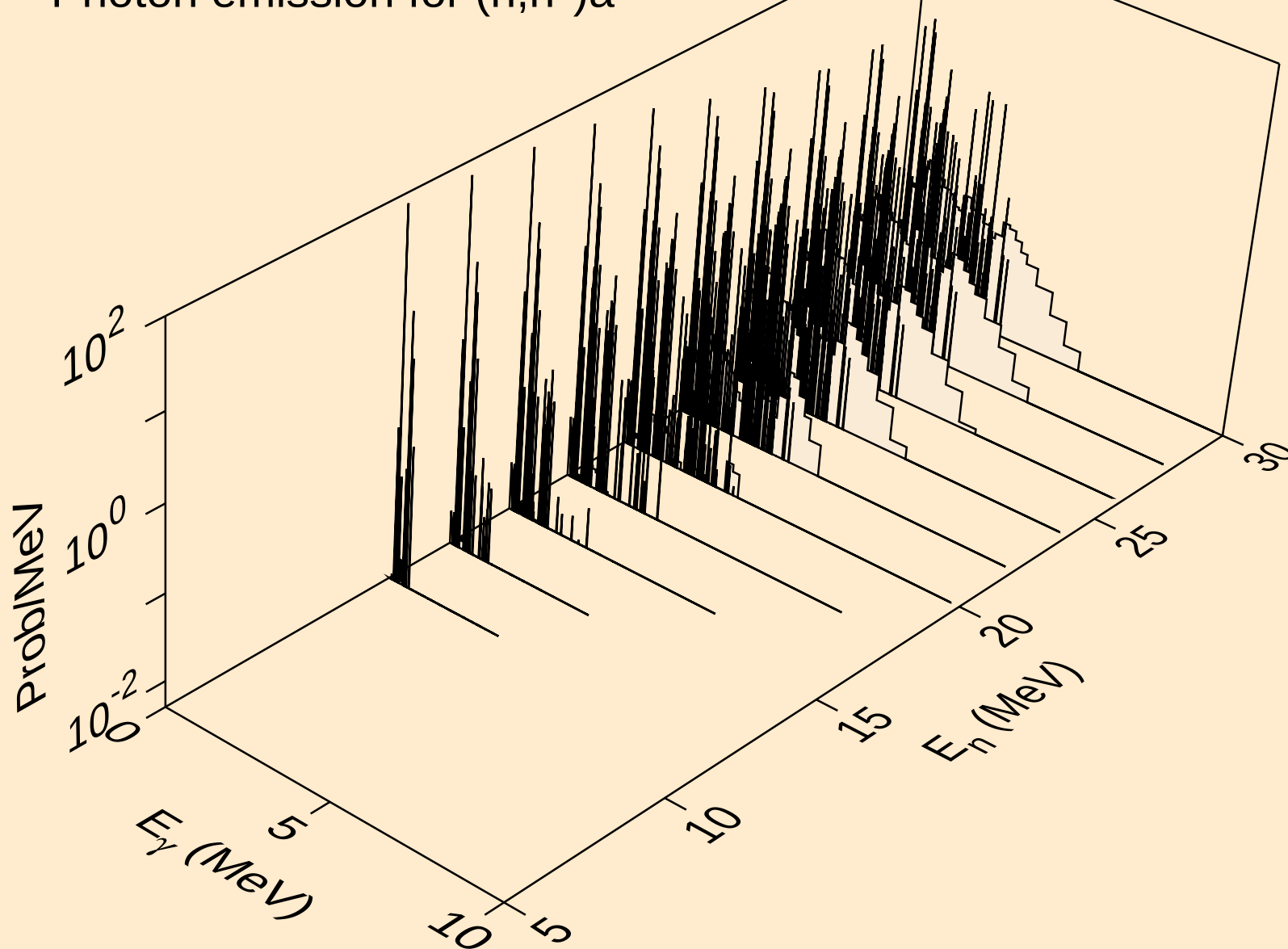
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Photon emission for (n,2n)



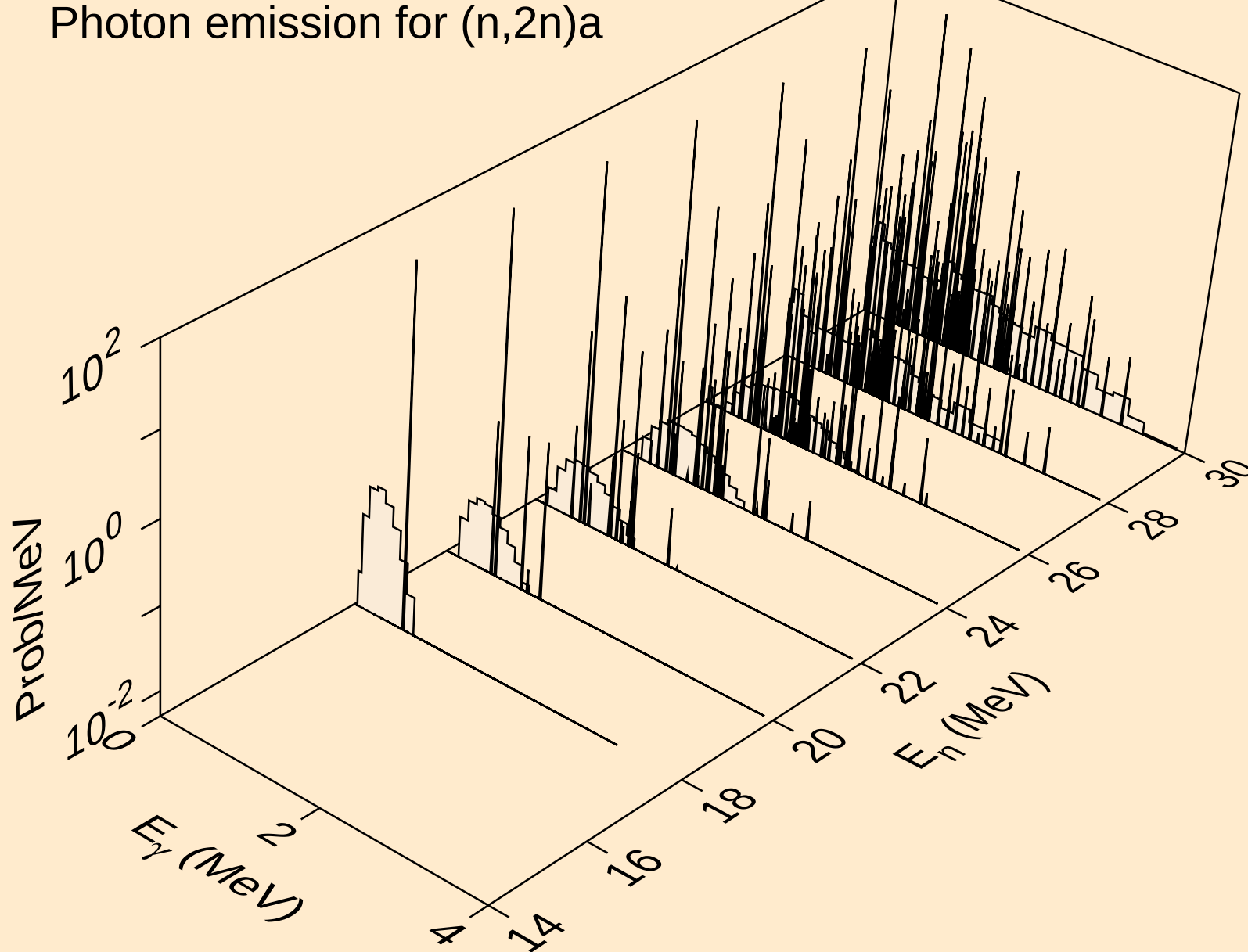
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Photon emission for (n,3n)



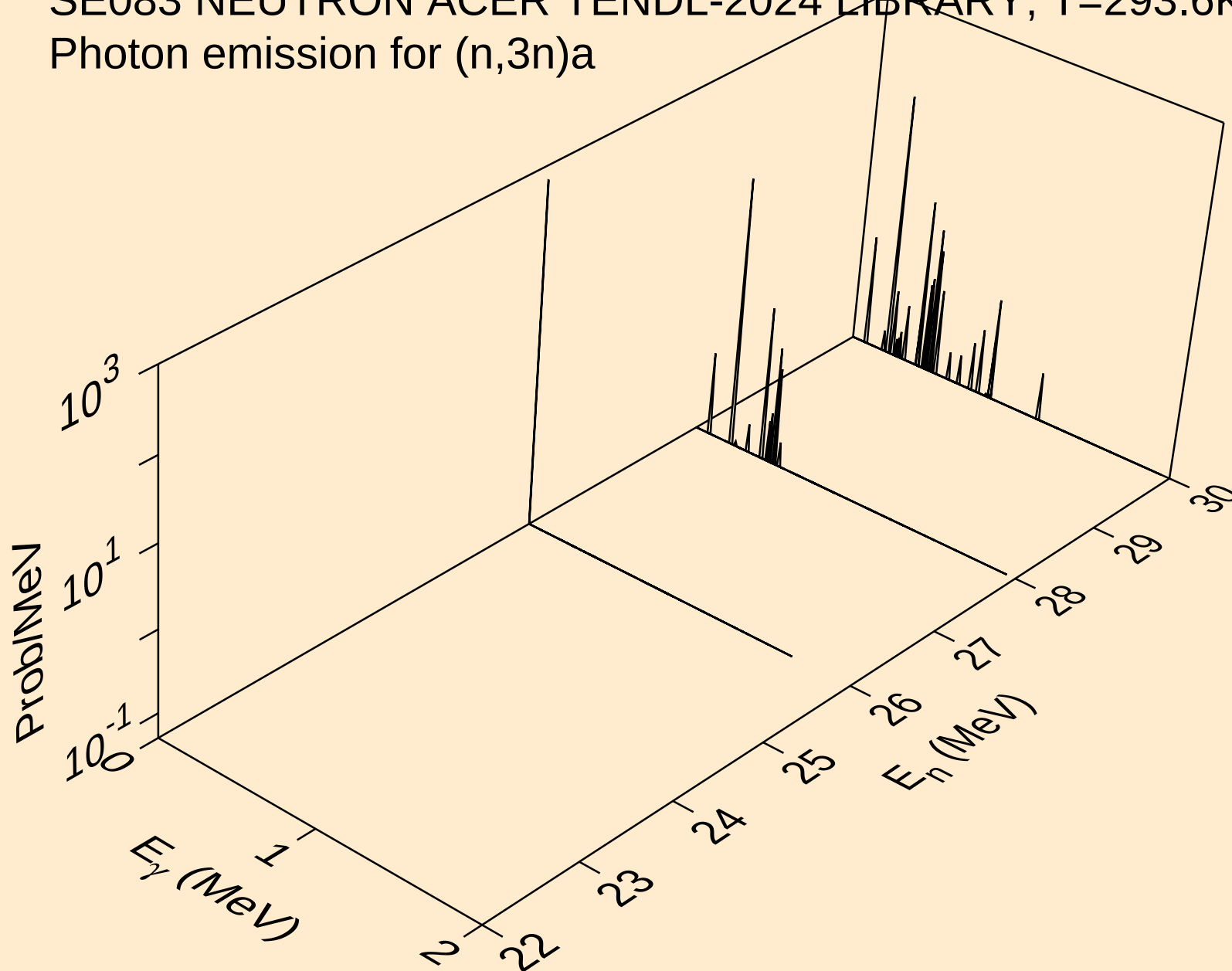
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



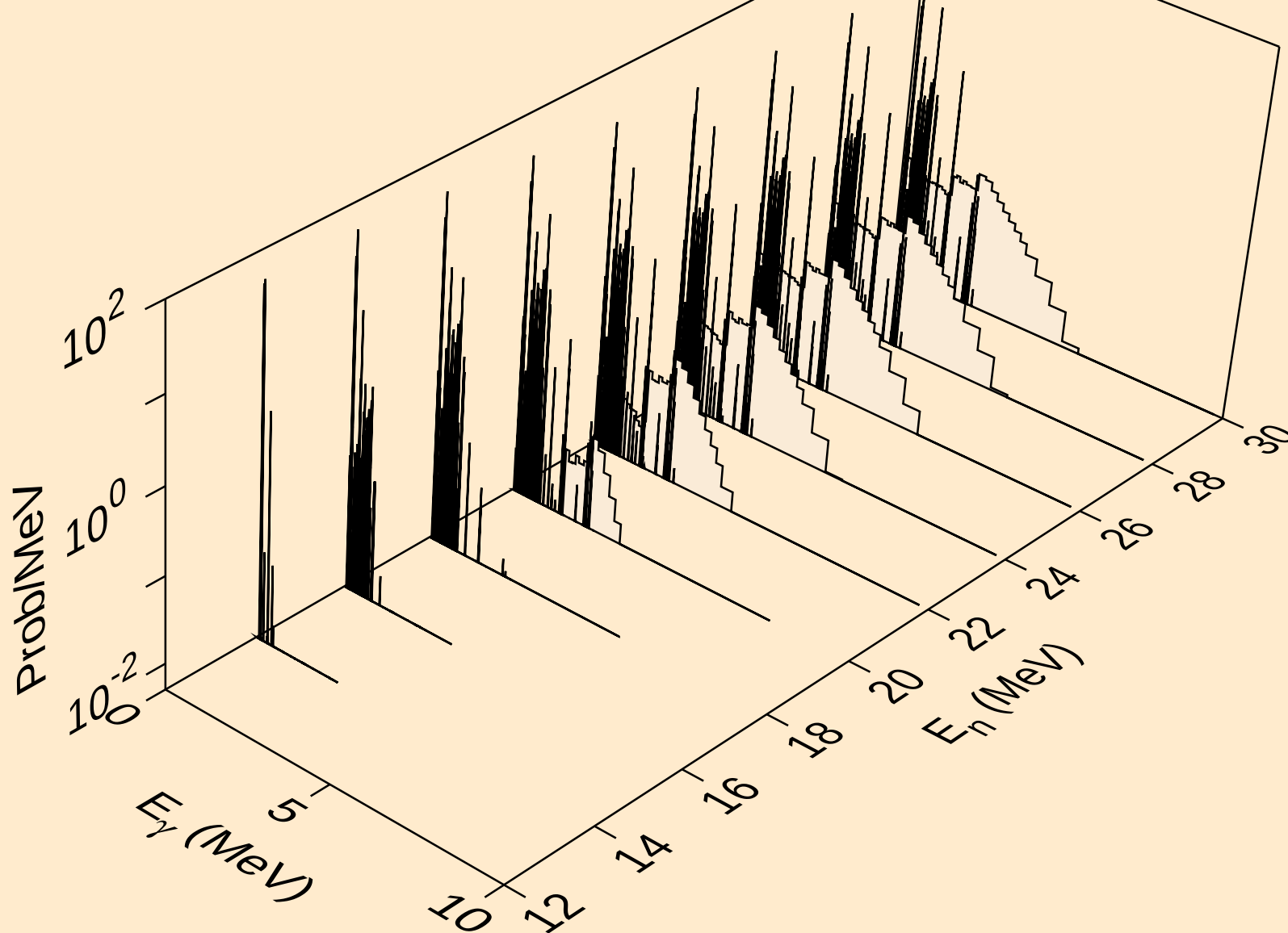
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



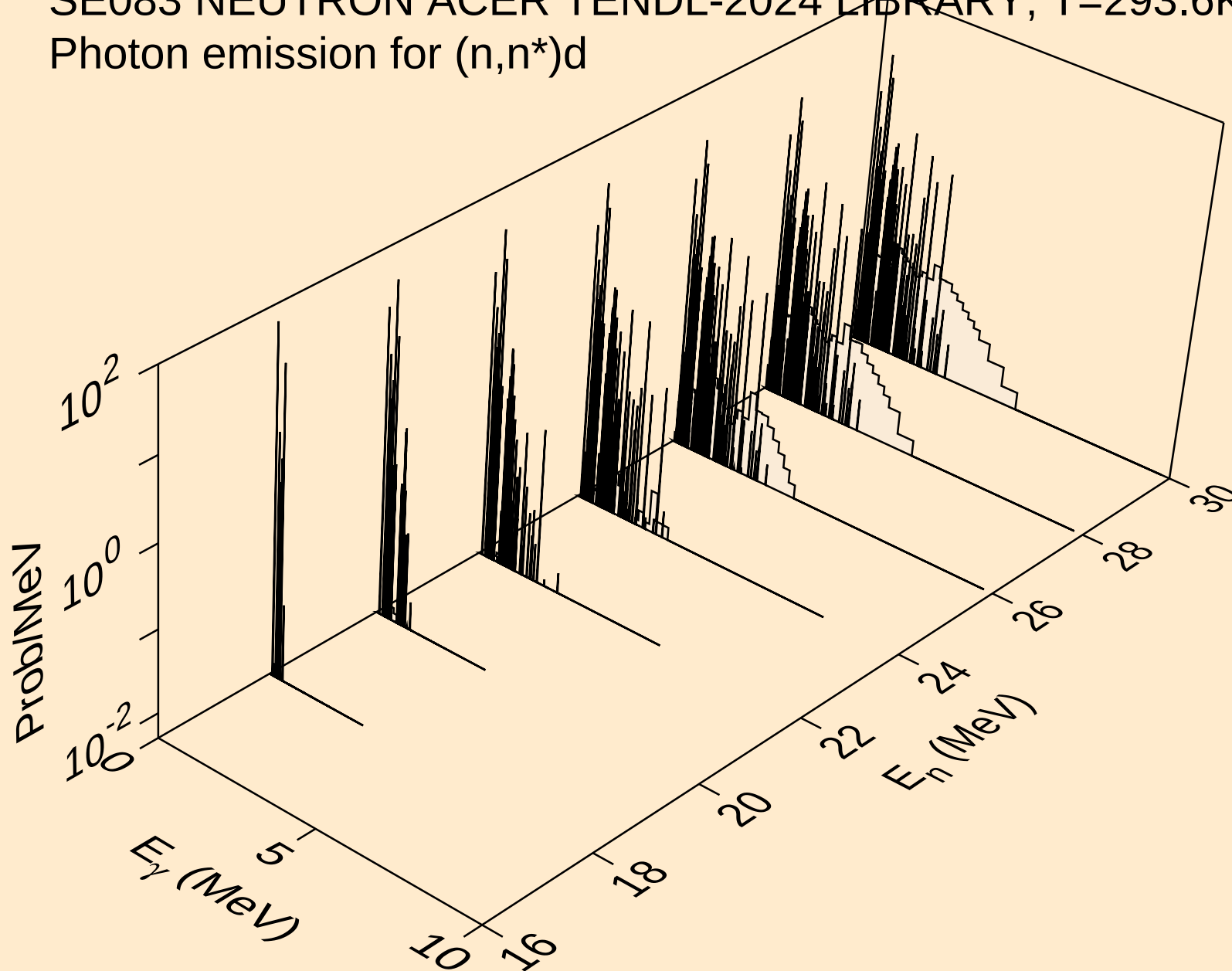
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



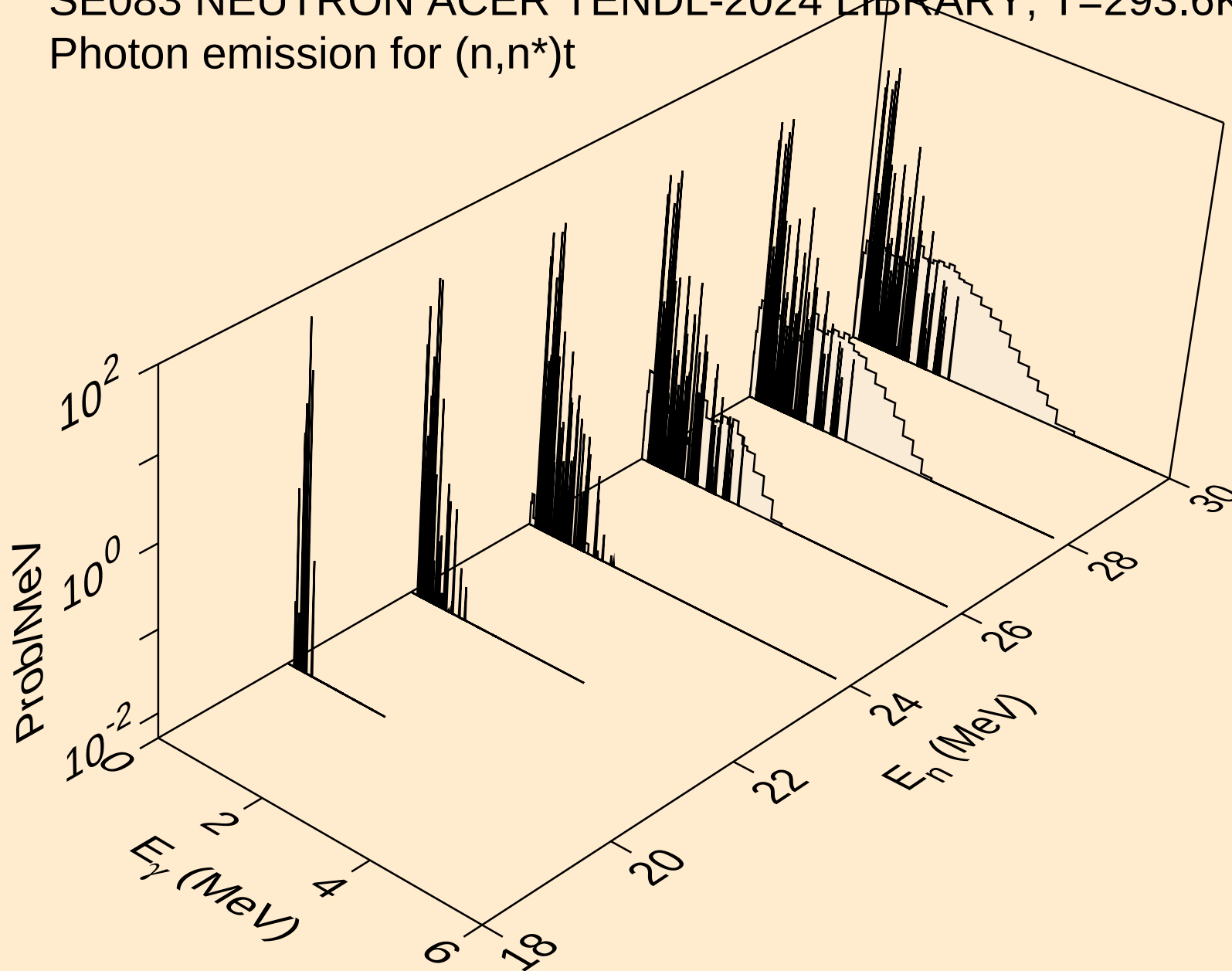
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



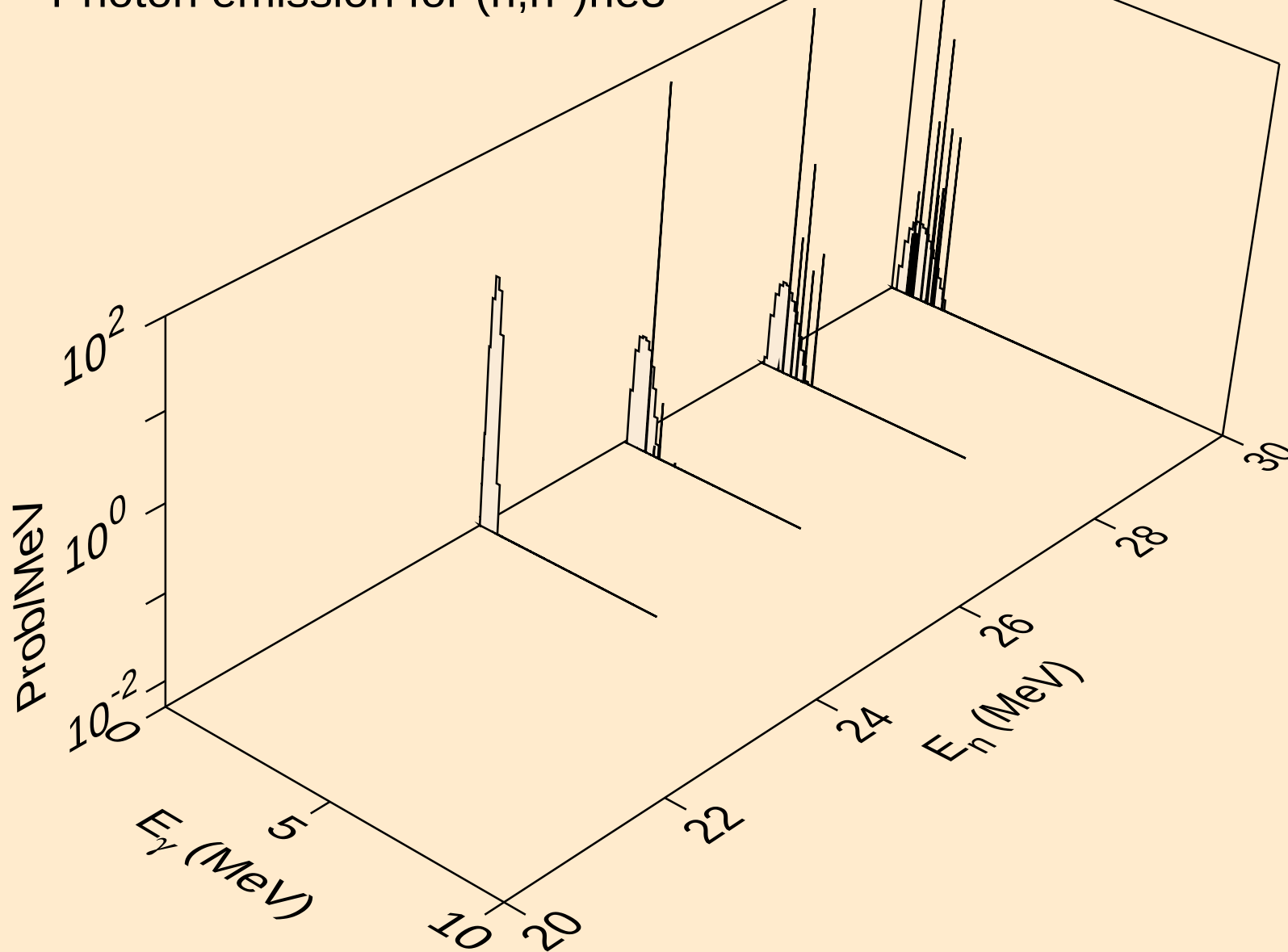
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



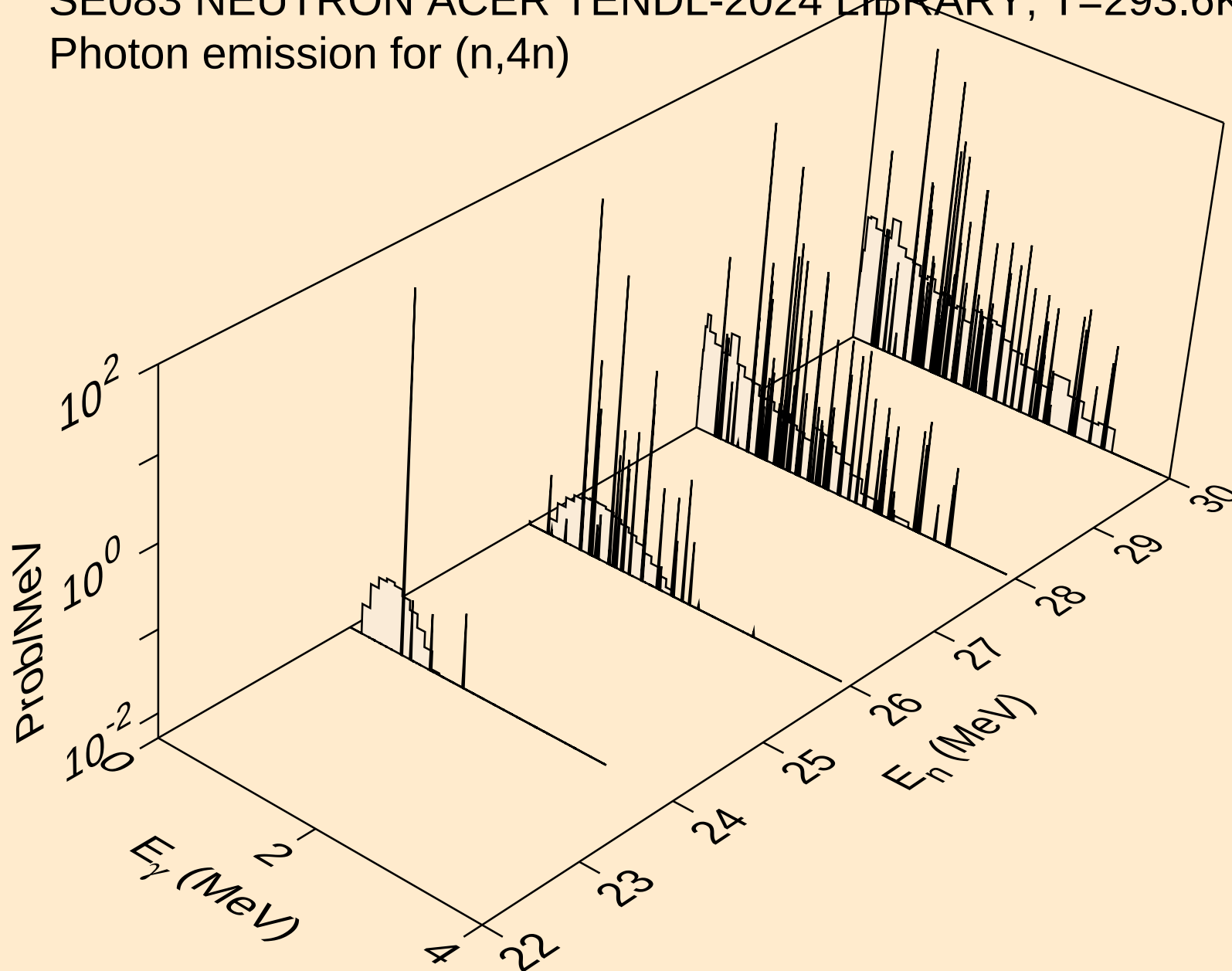
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



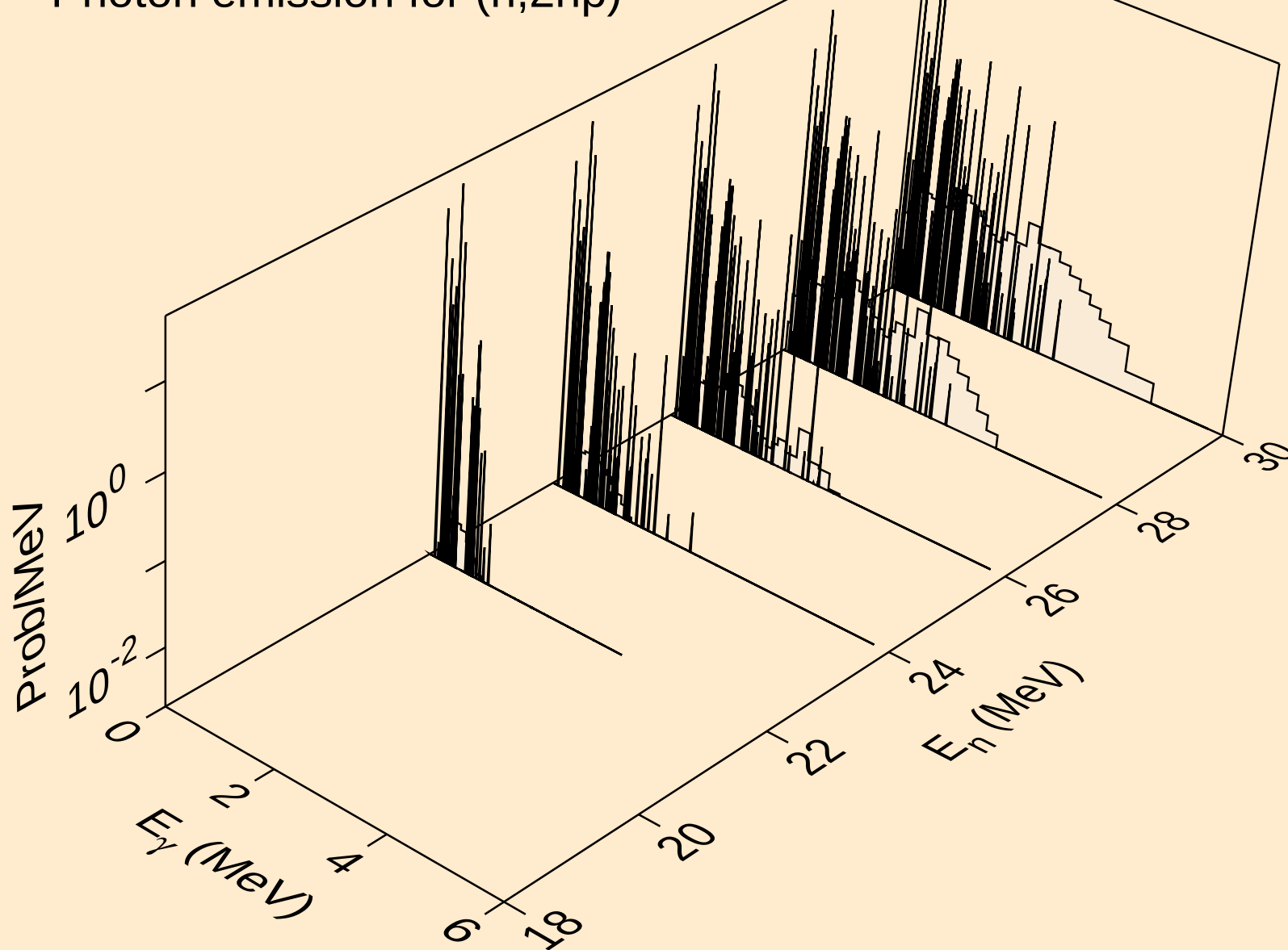
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



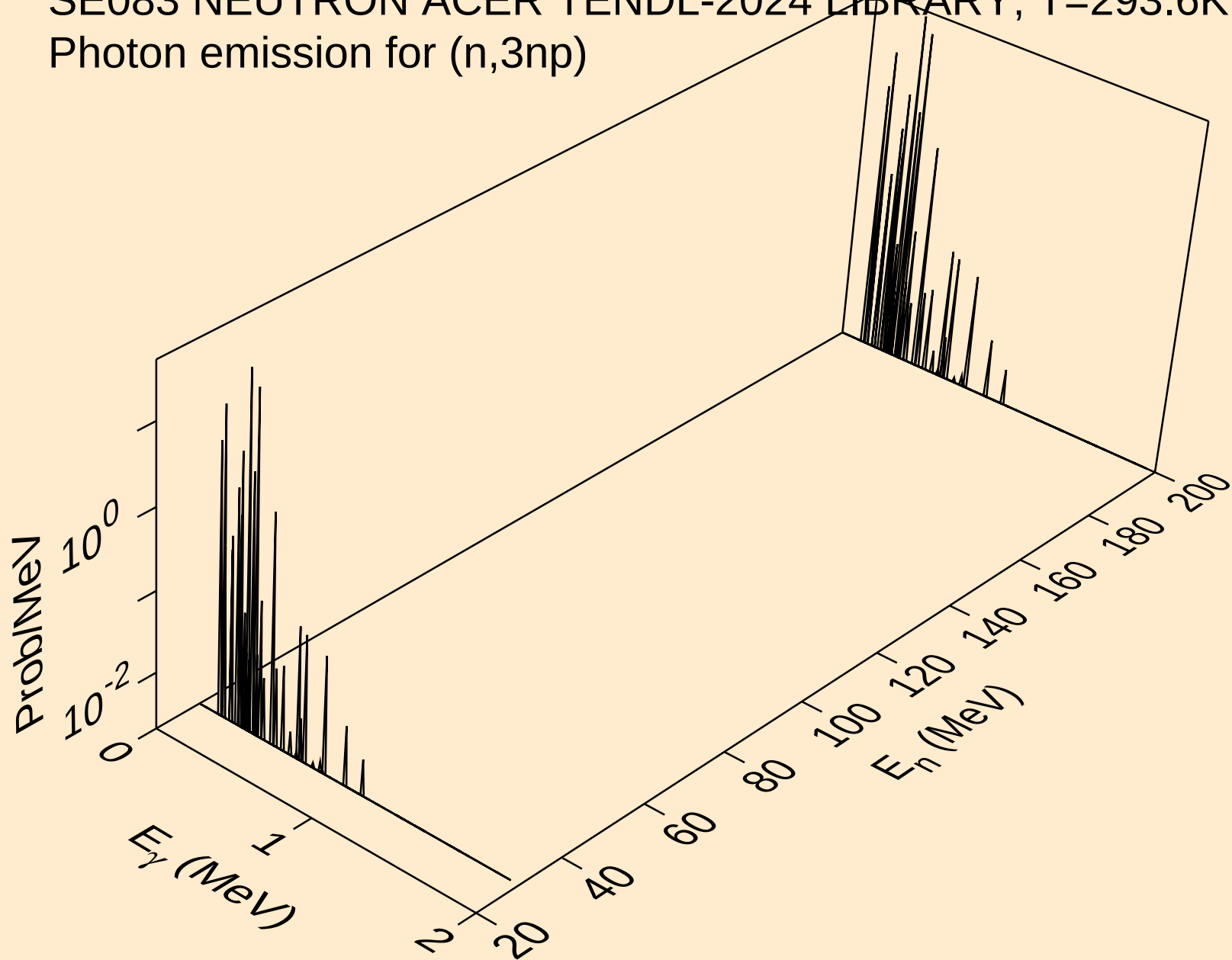
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Photon emission for (n,4n)



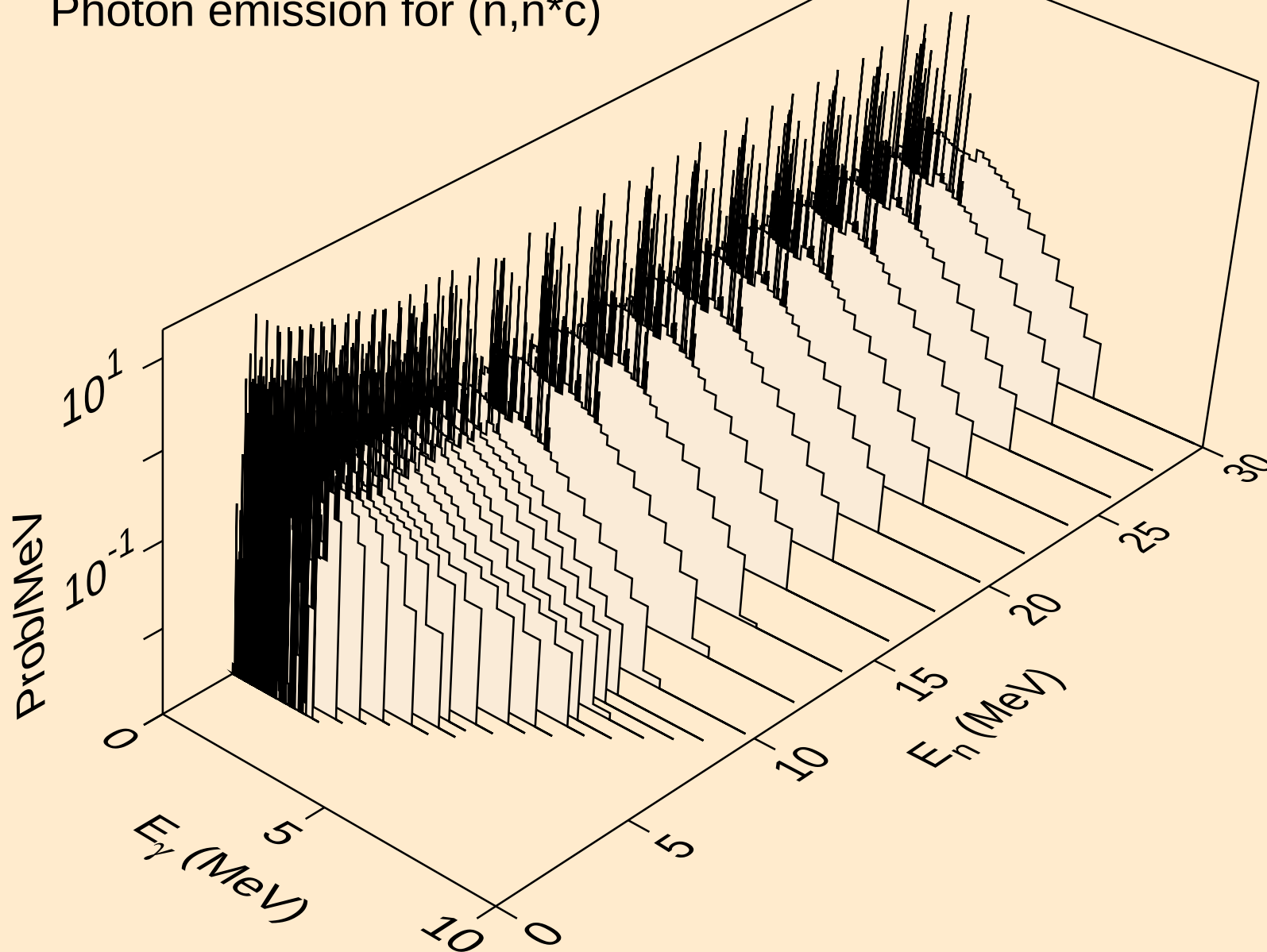
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Photon emission for (n,2np)



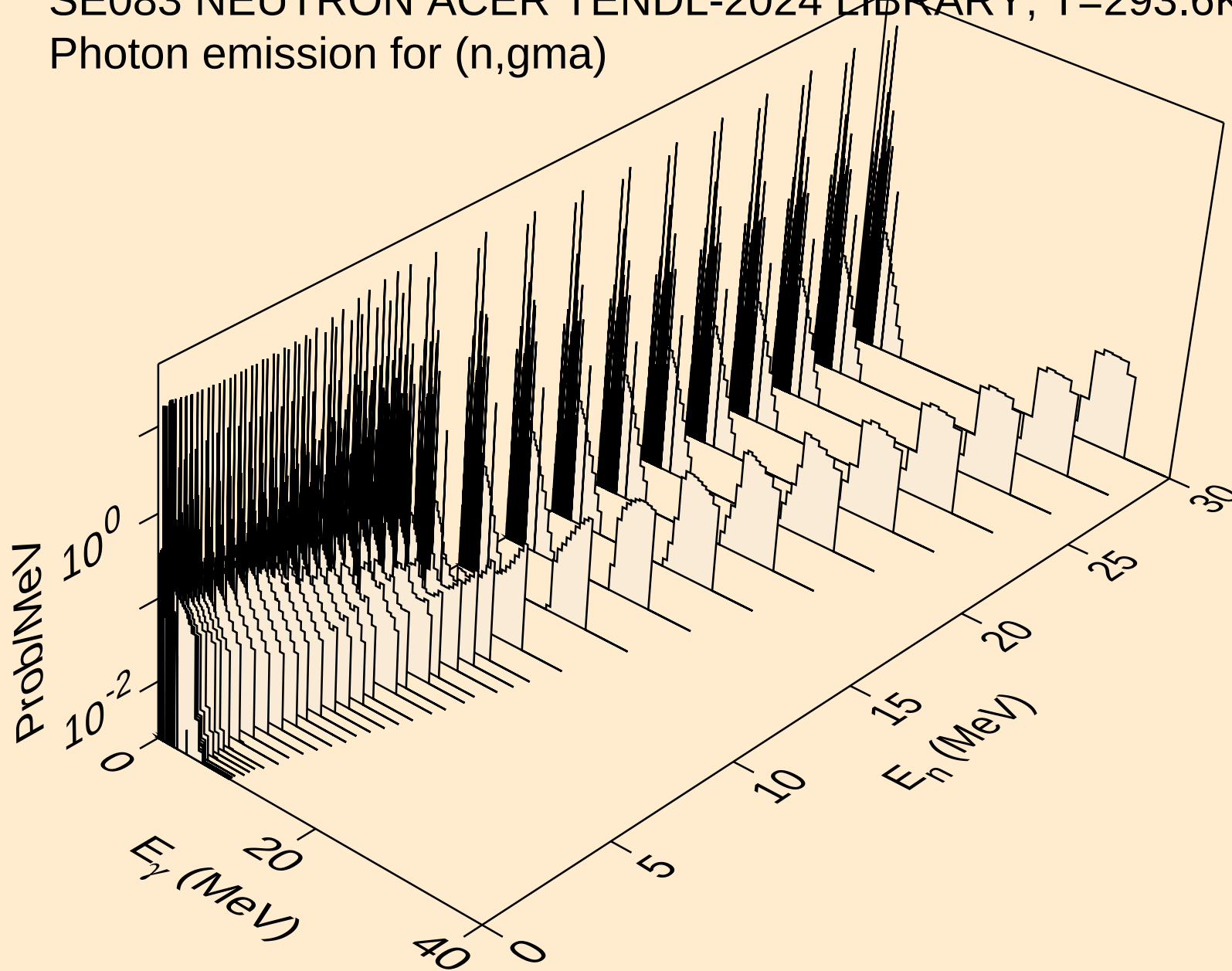
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



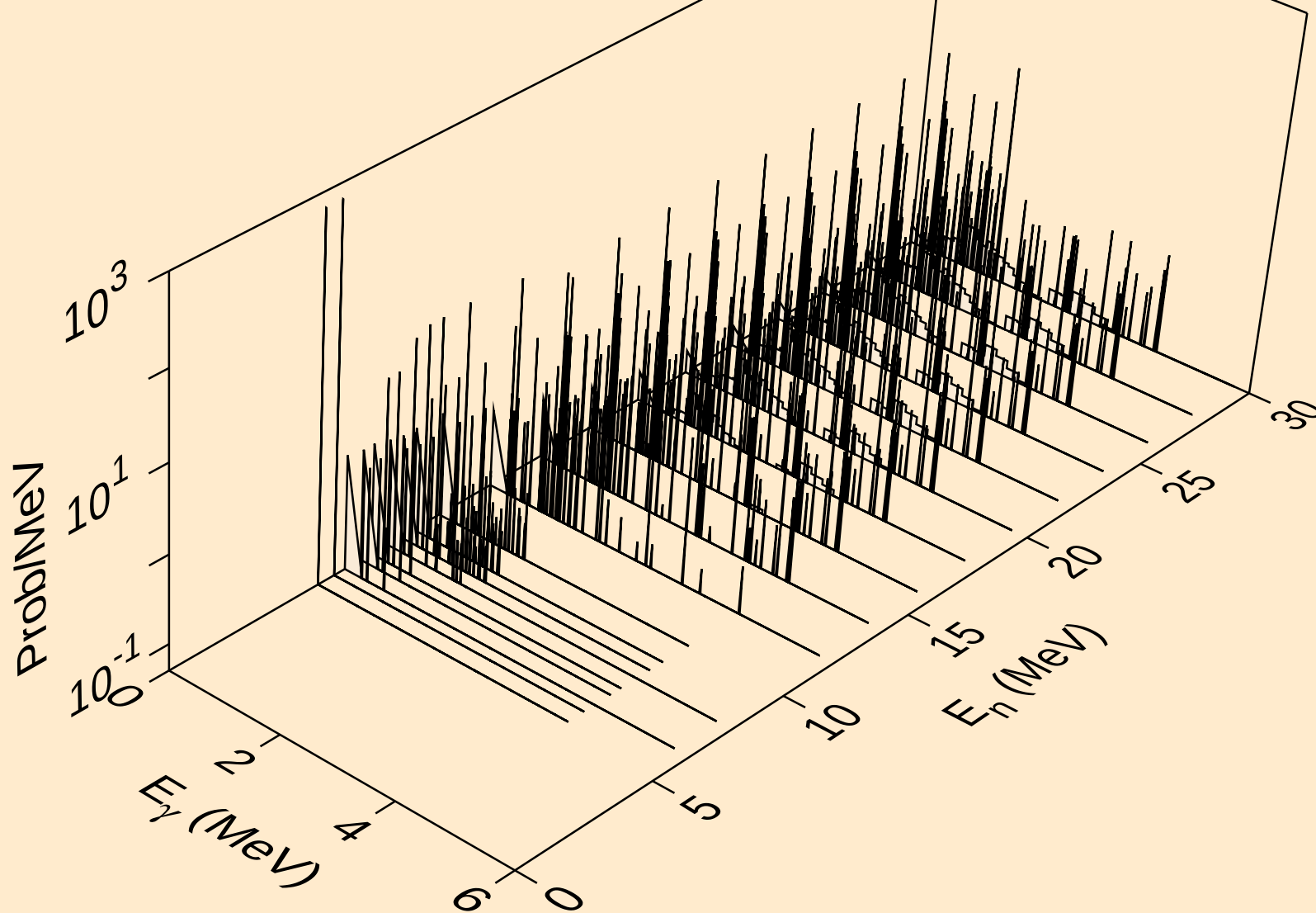
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



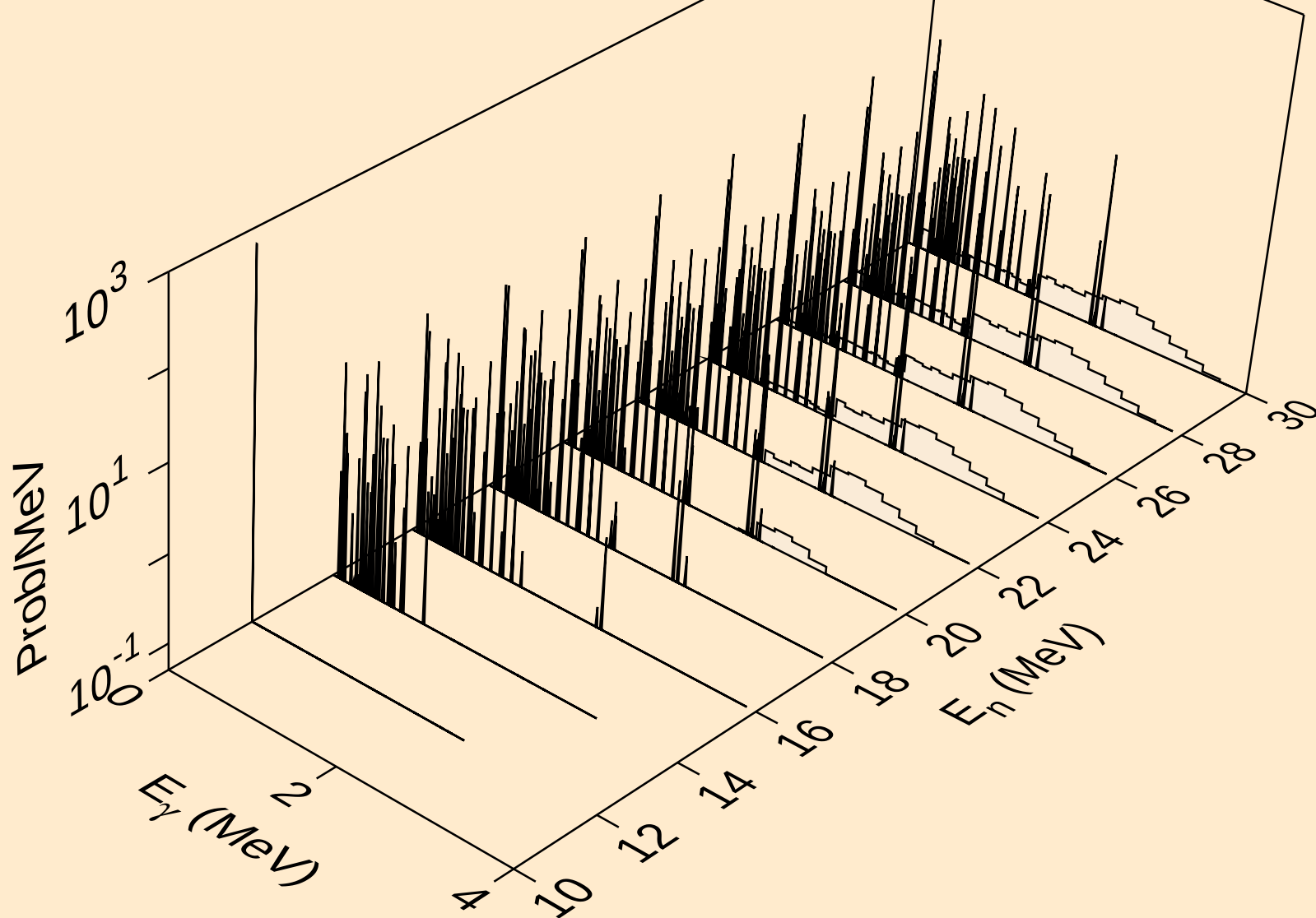
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



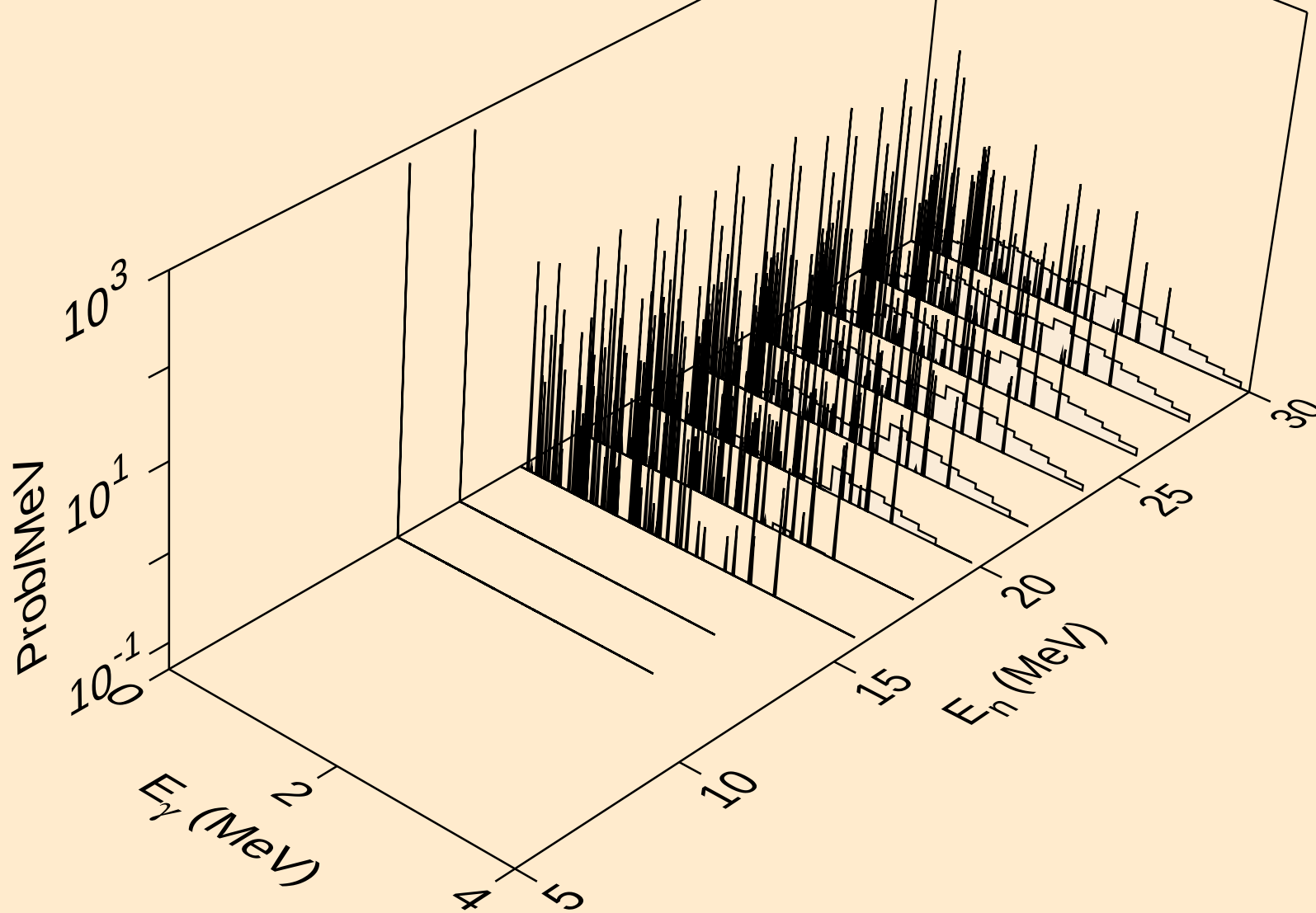
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



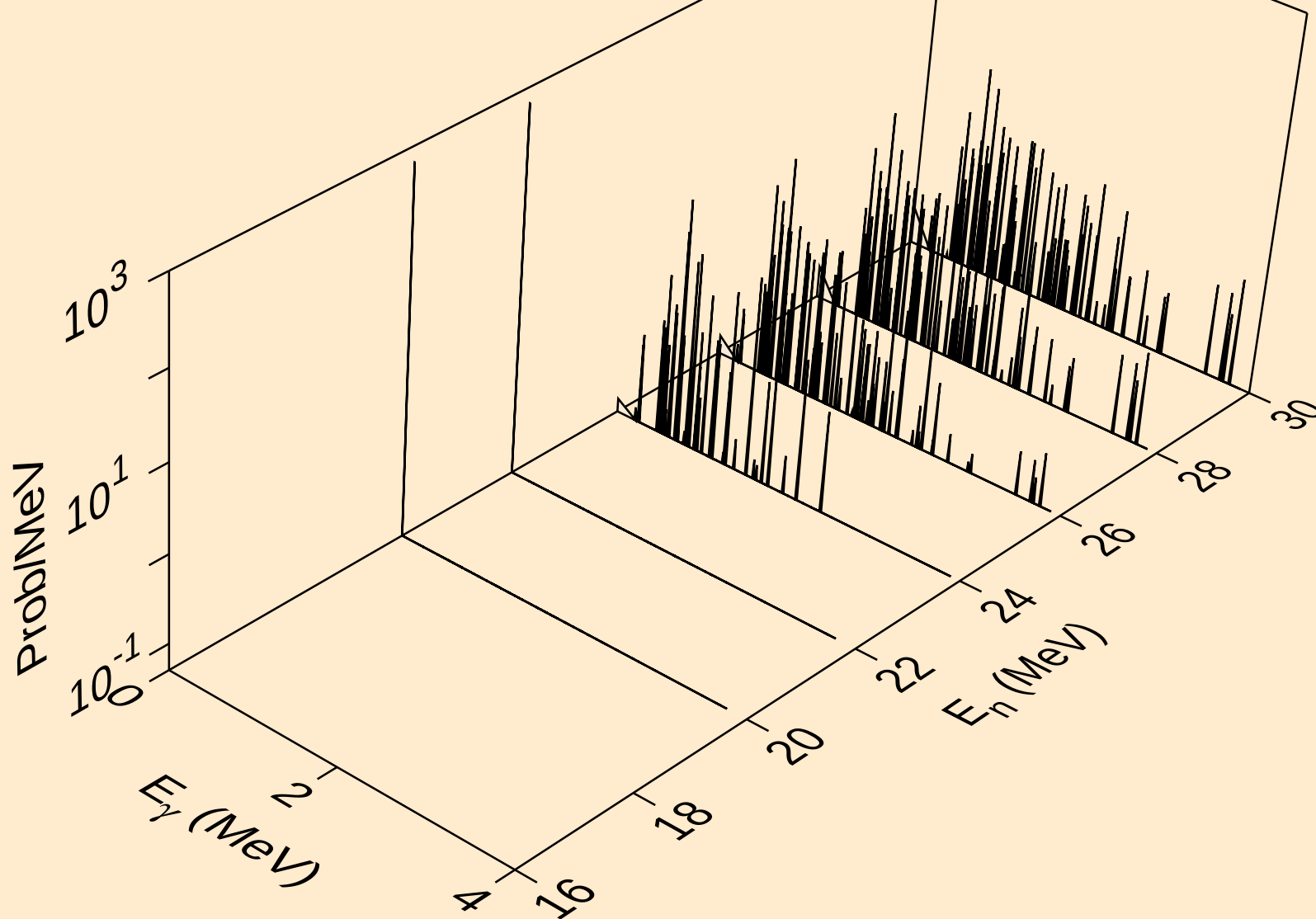
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



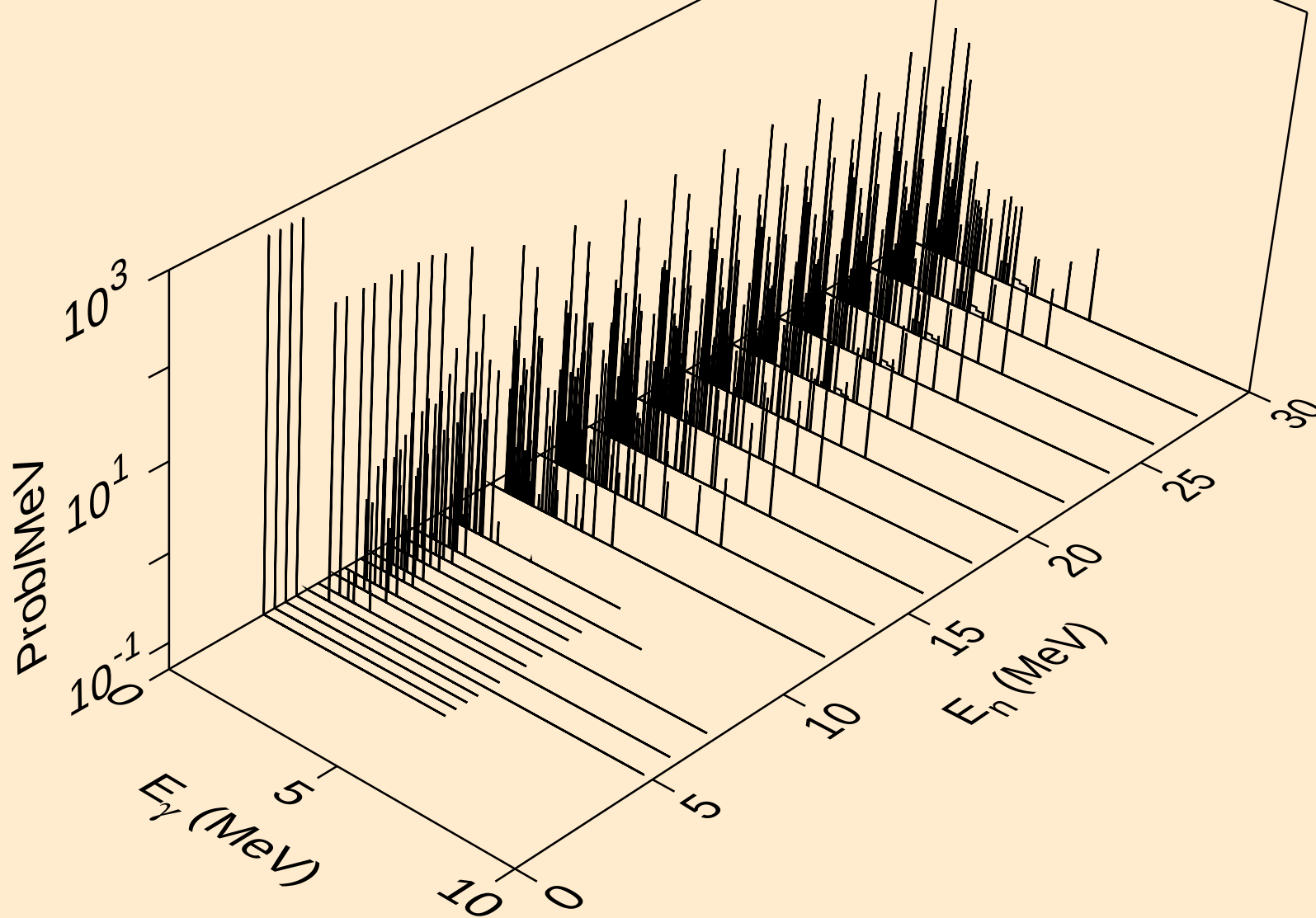
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Photon emission for (n,t)



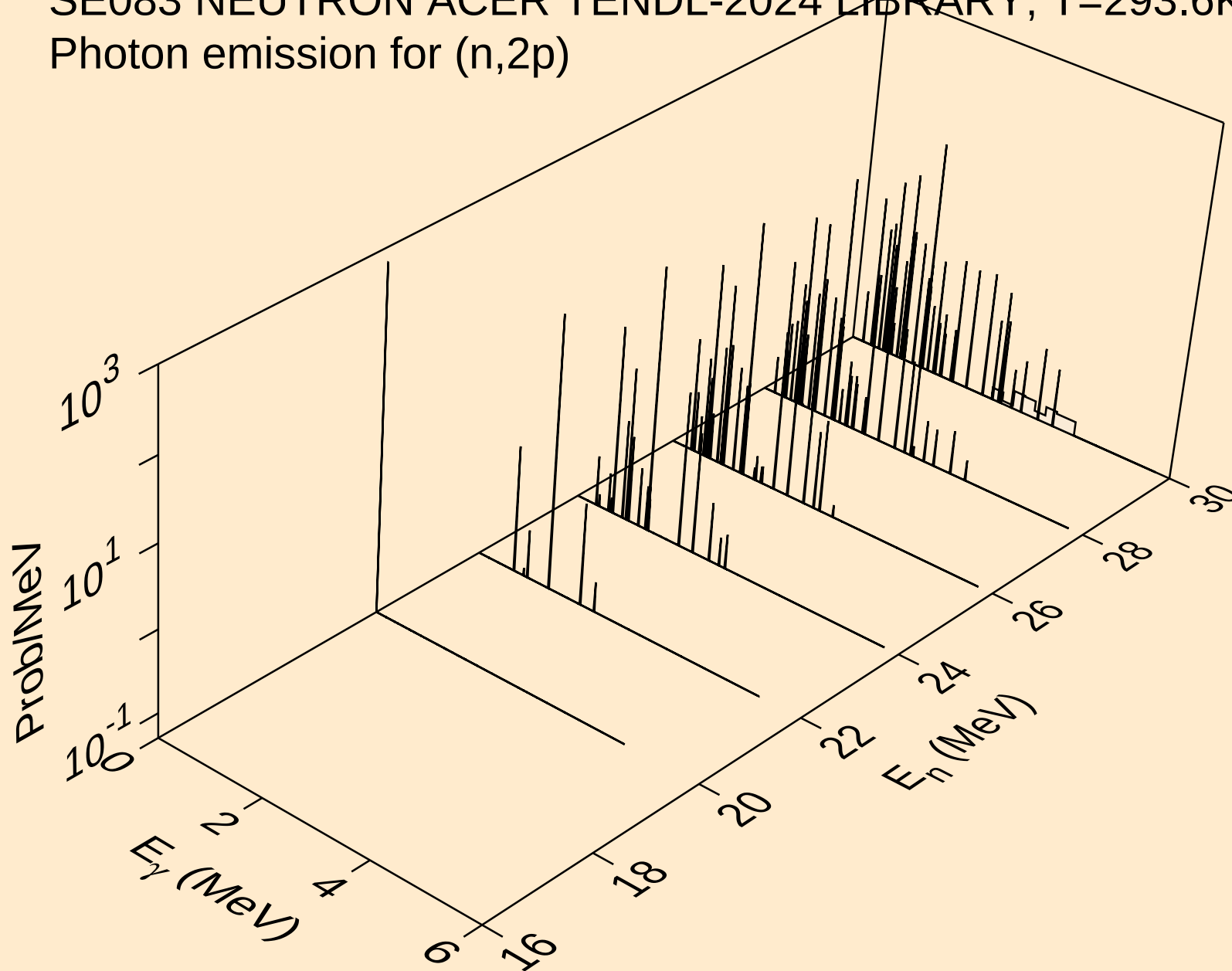
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



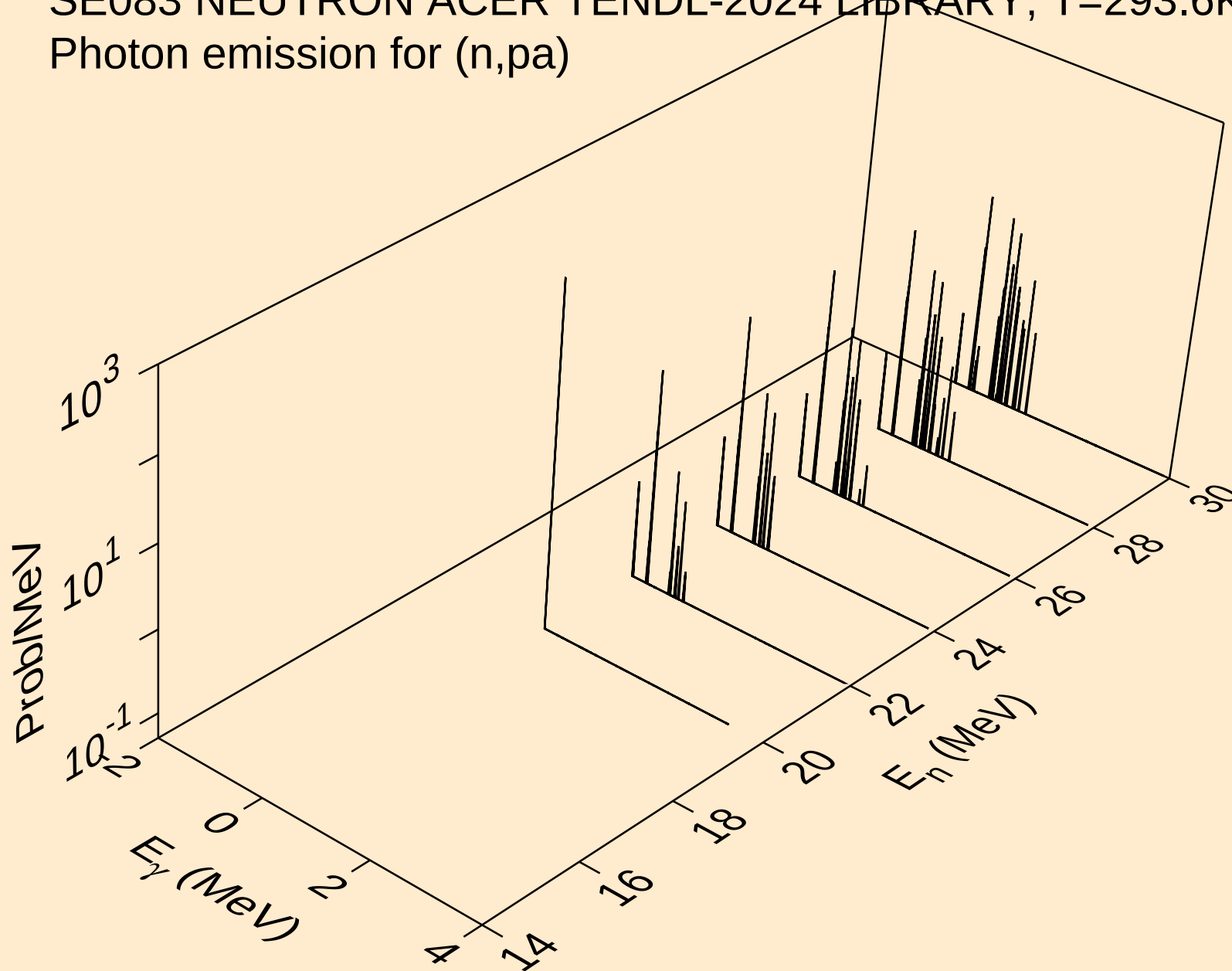
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



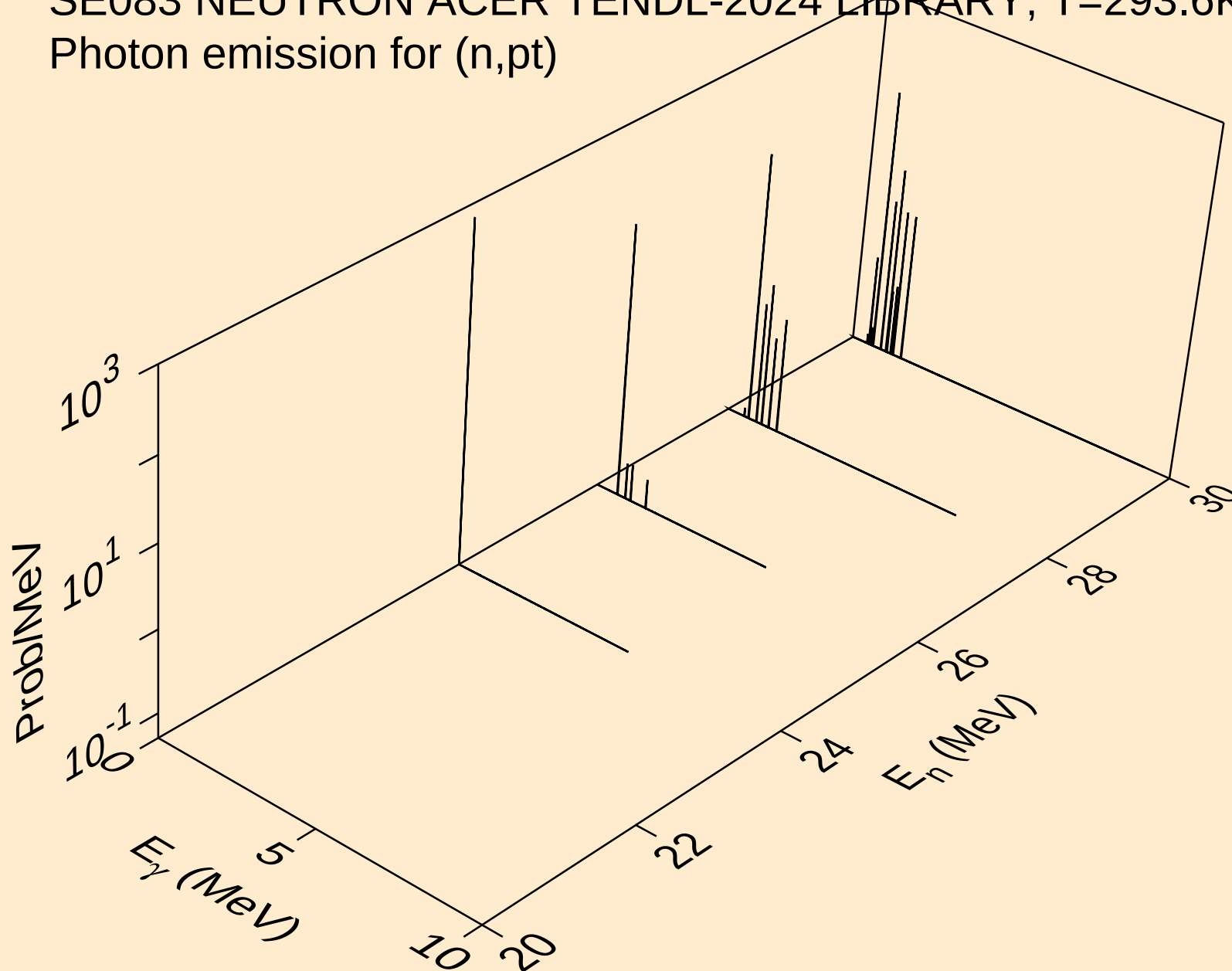
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



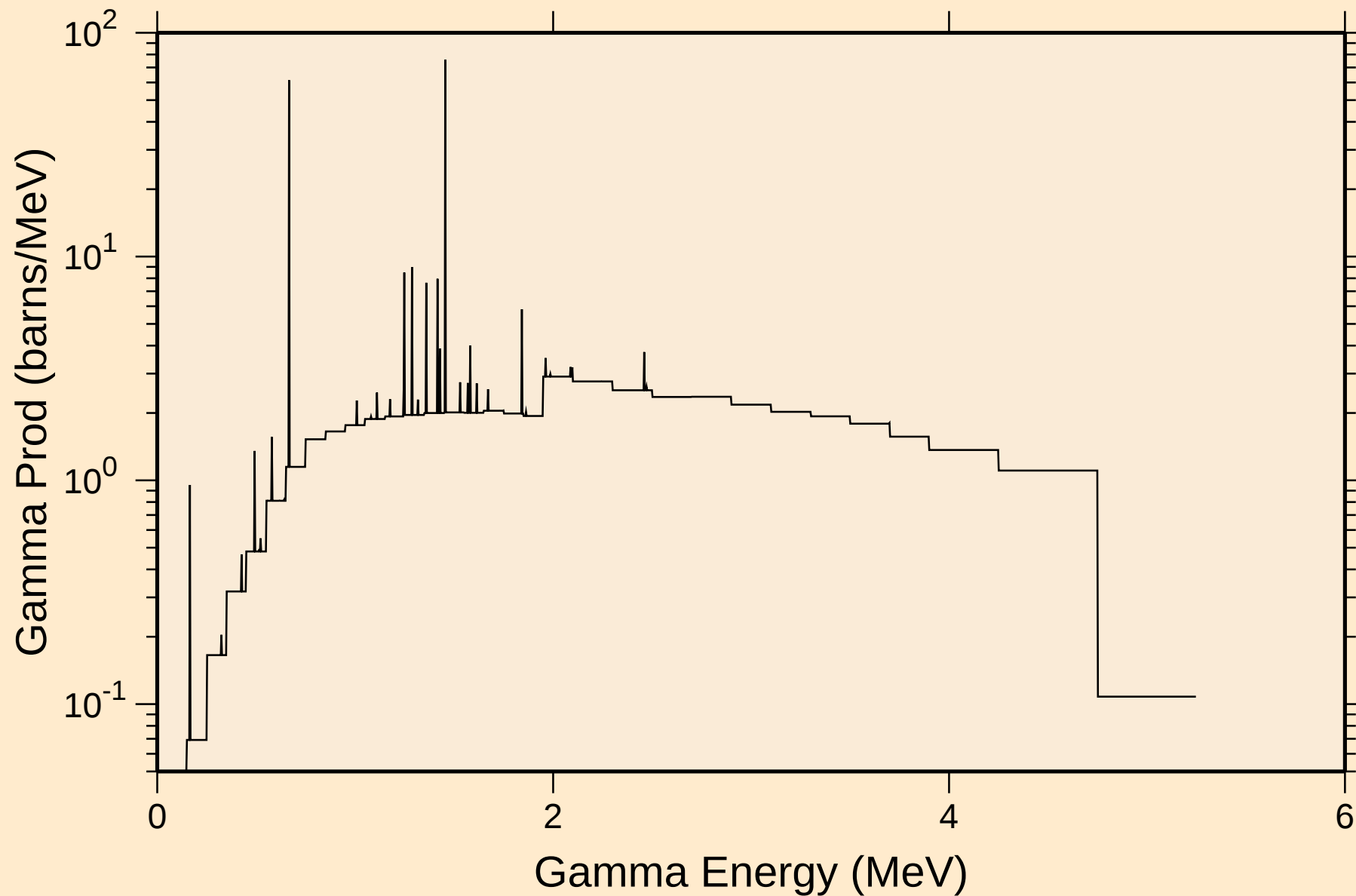
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



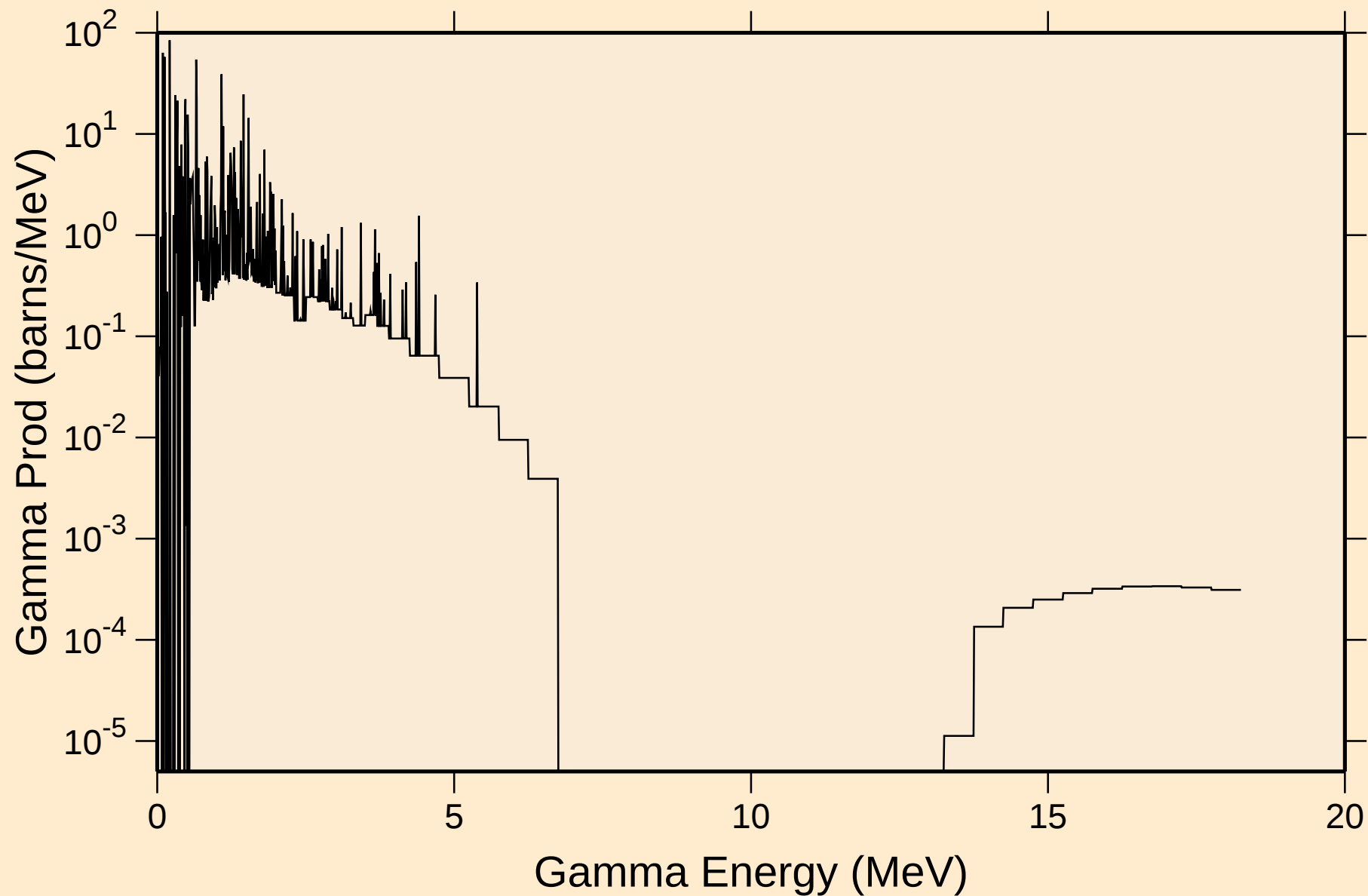
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



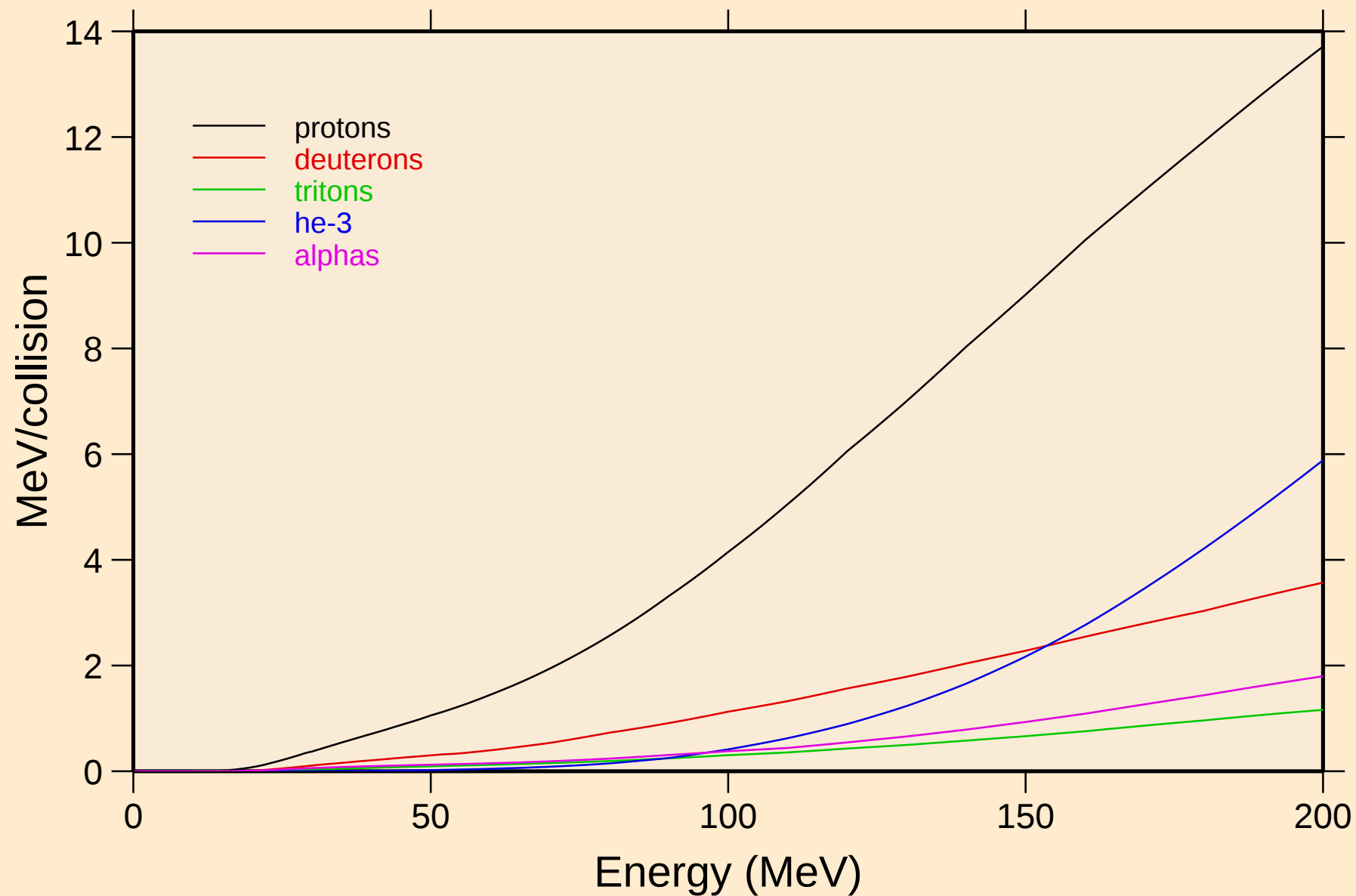
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



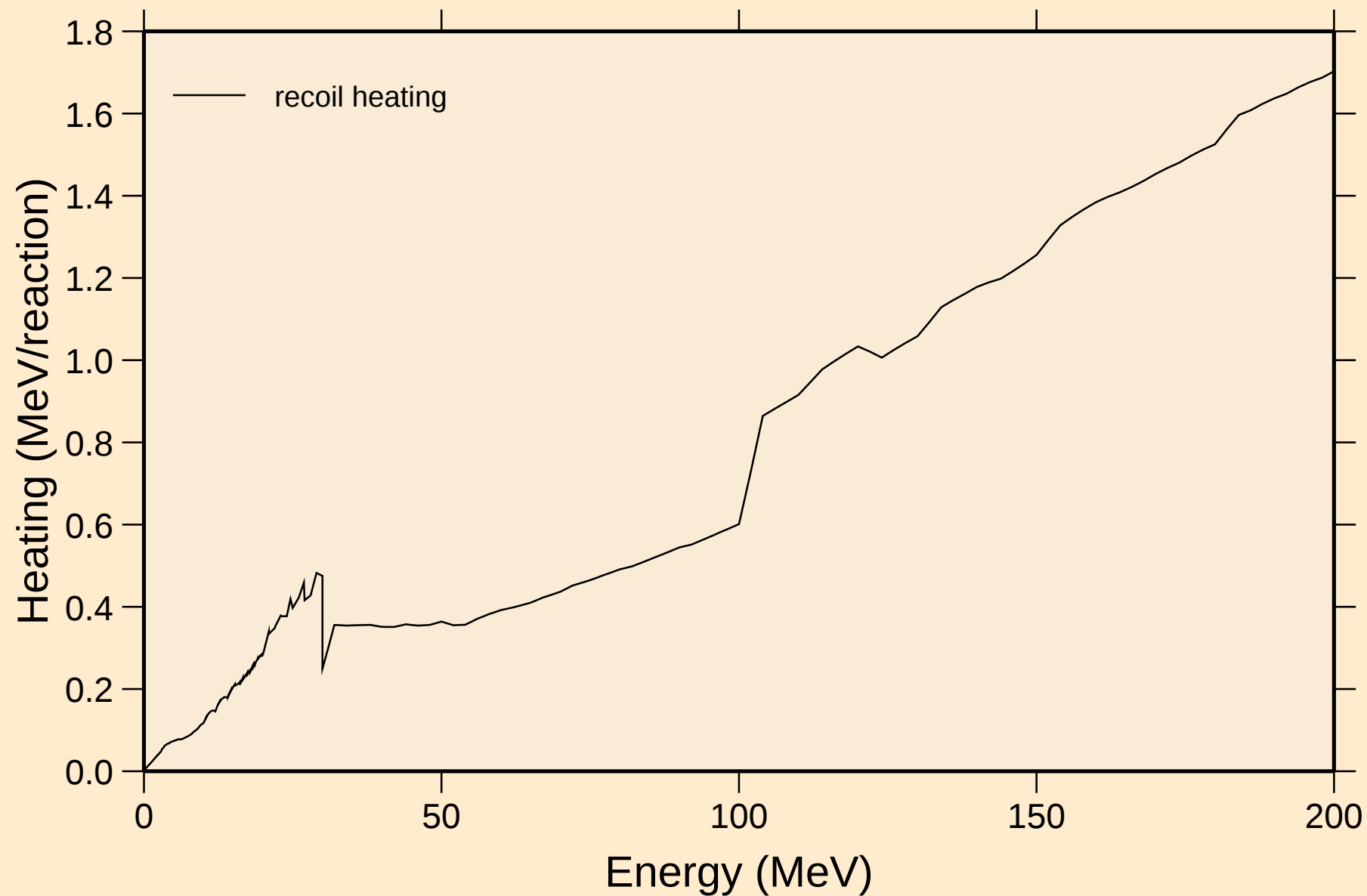
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



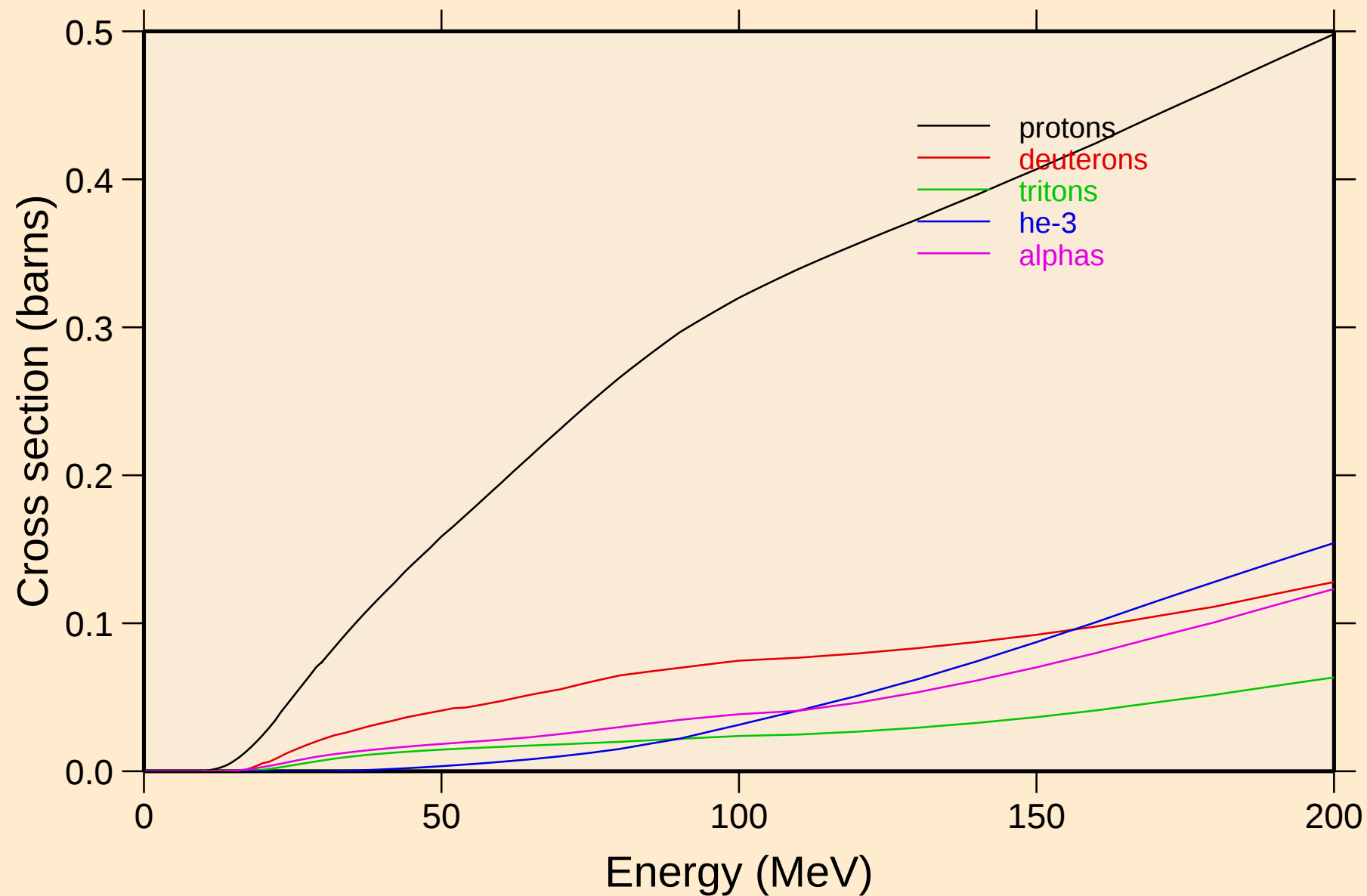
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



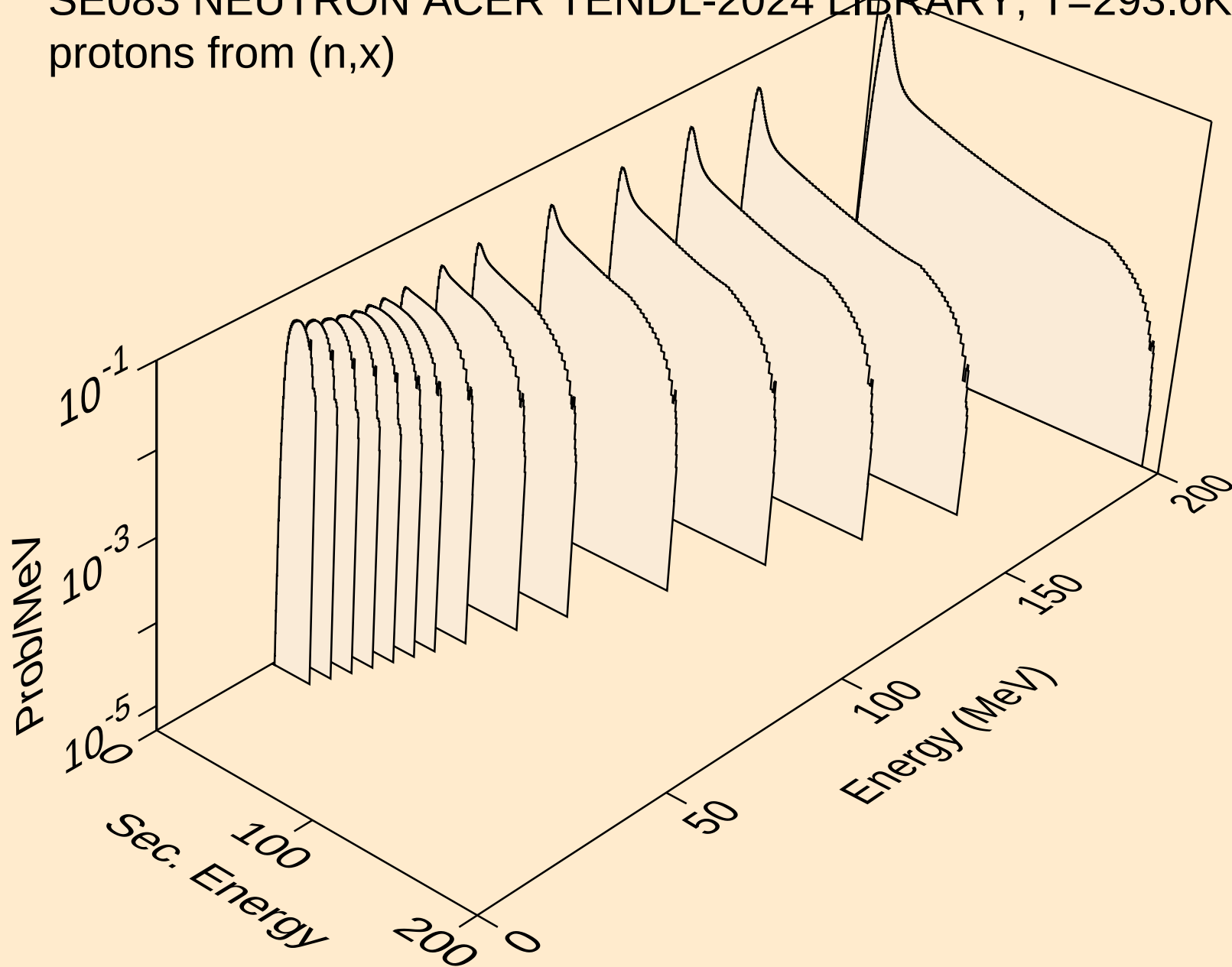
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



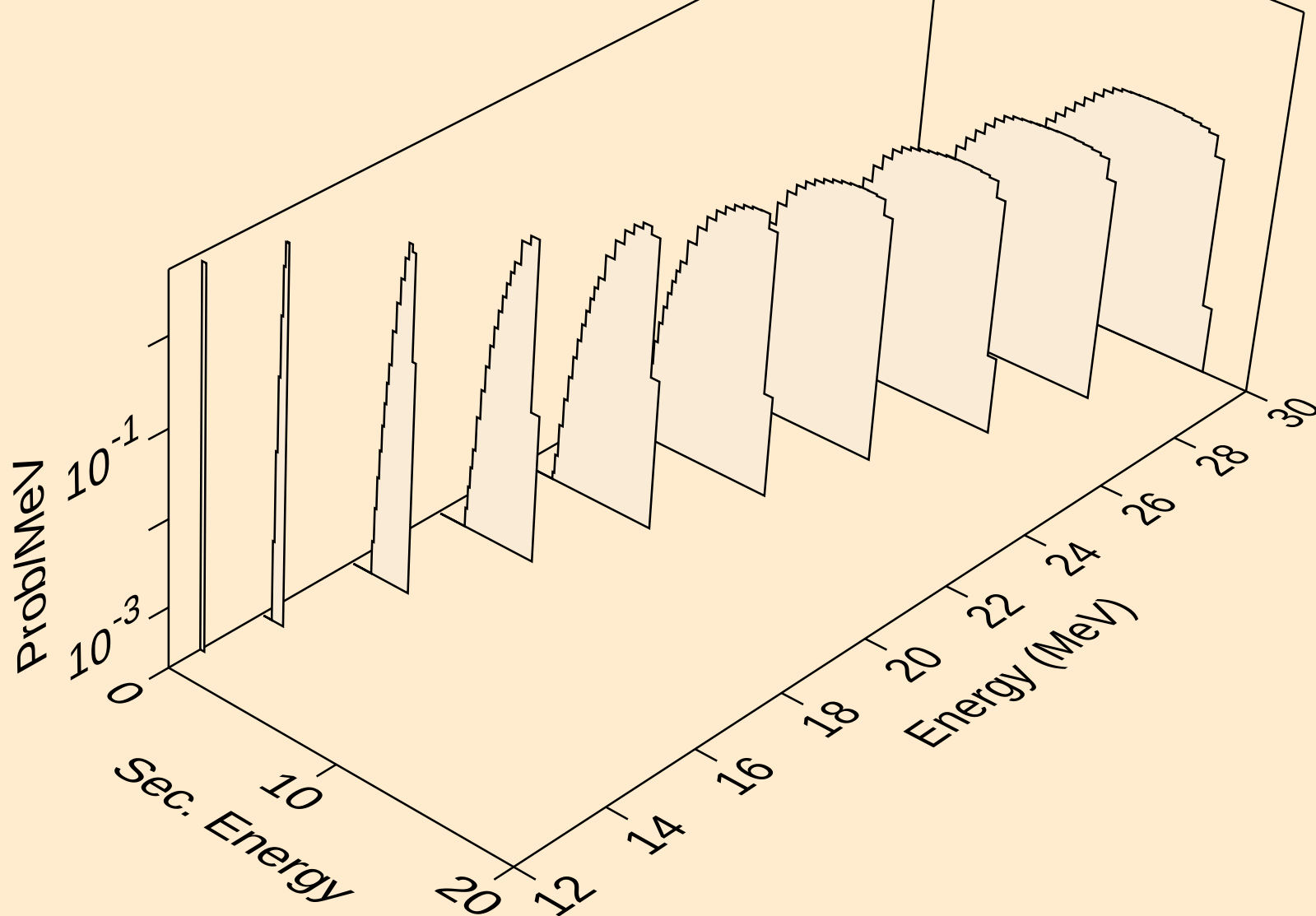
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



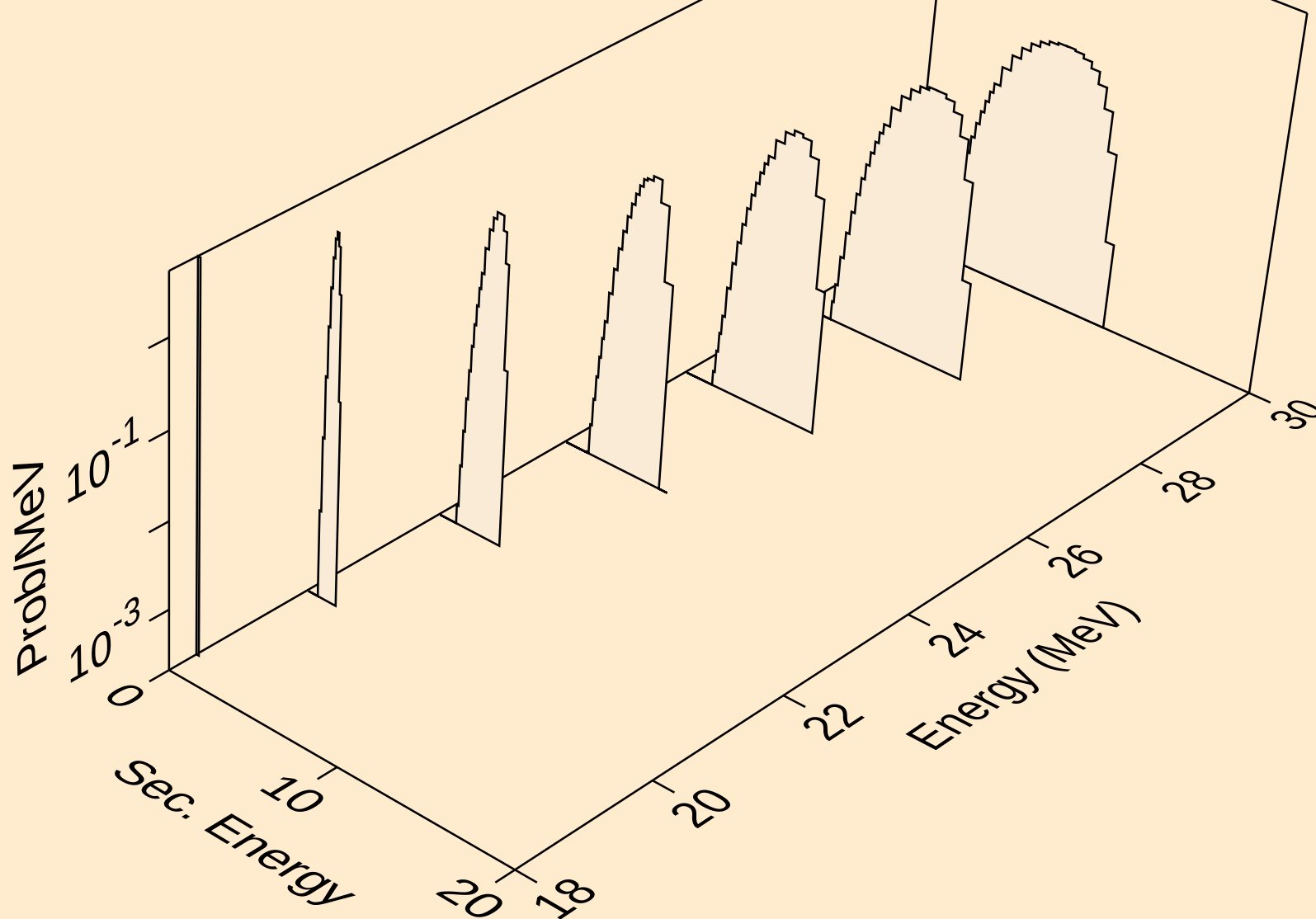
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



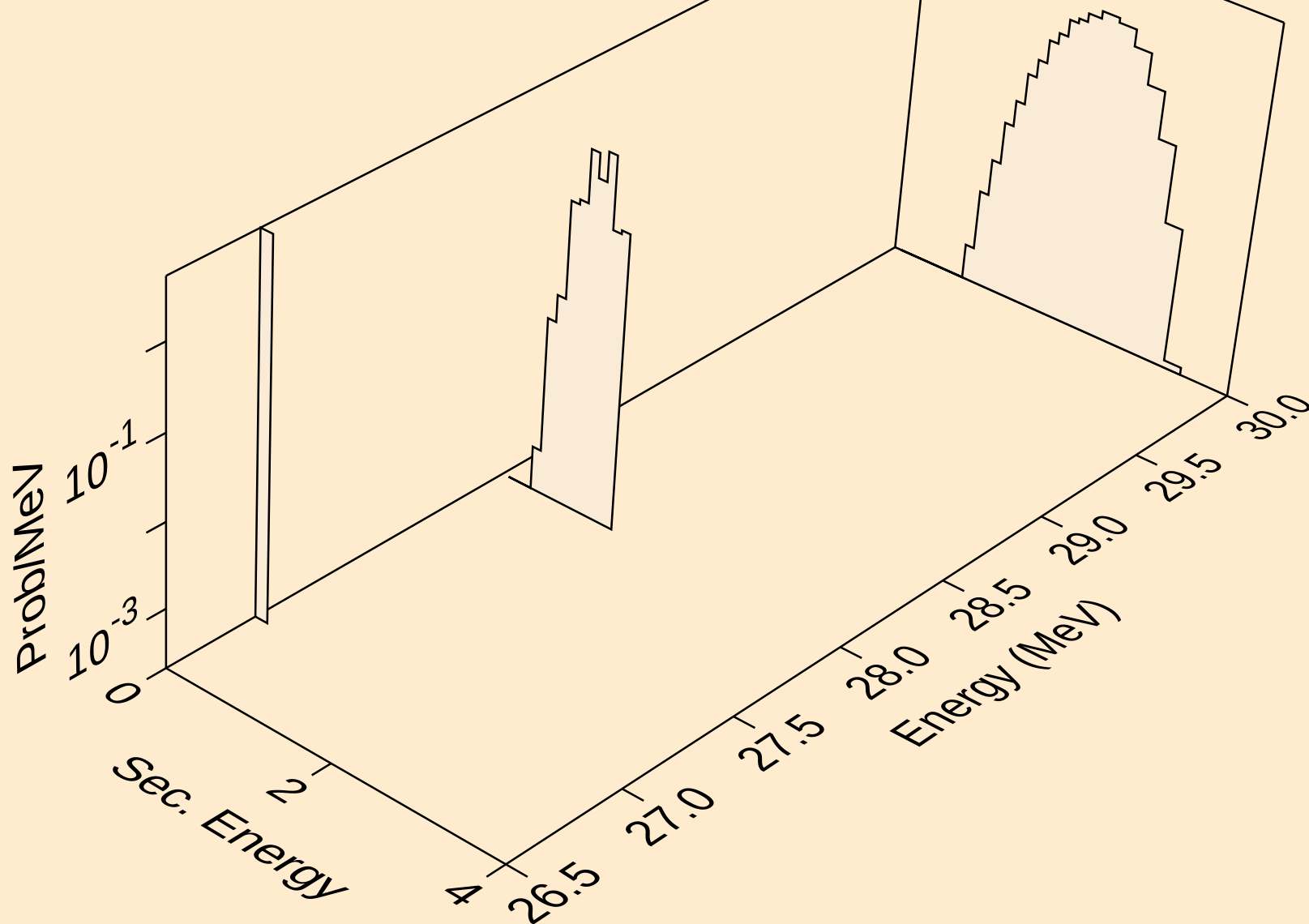
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



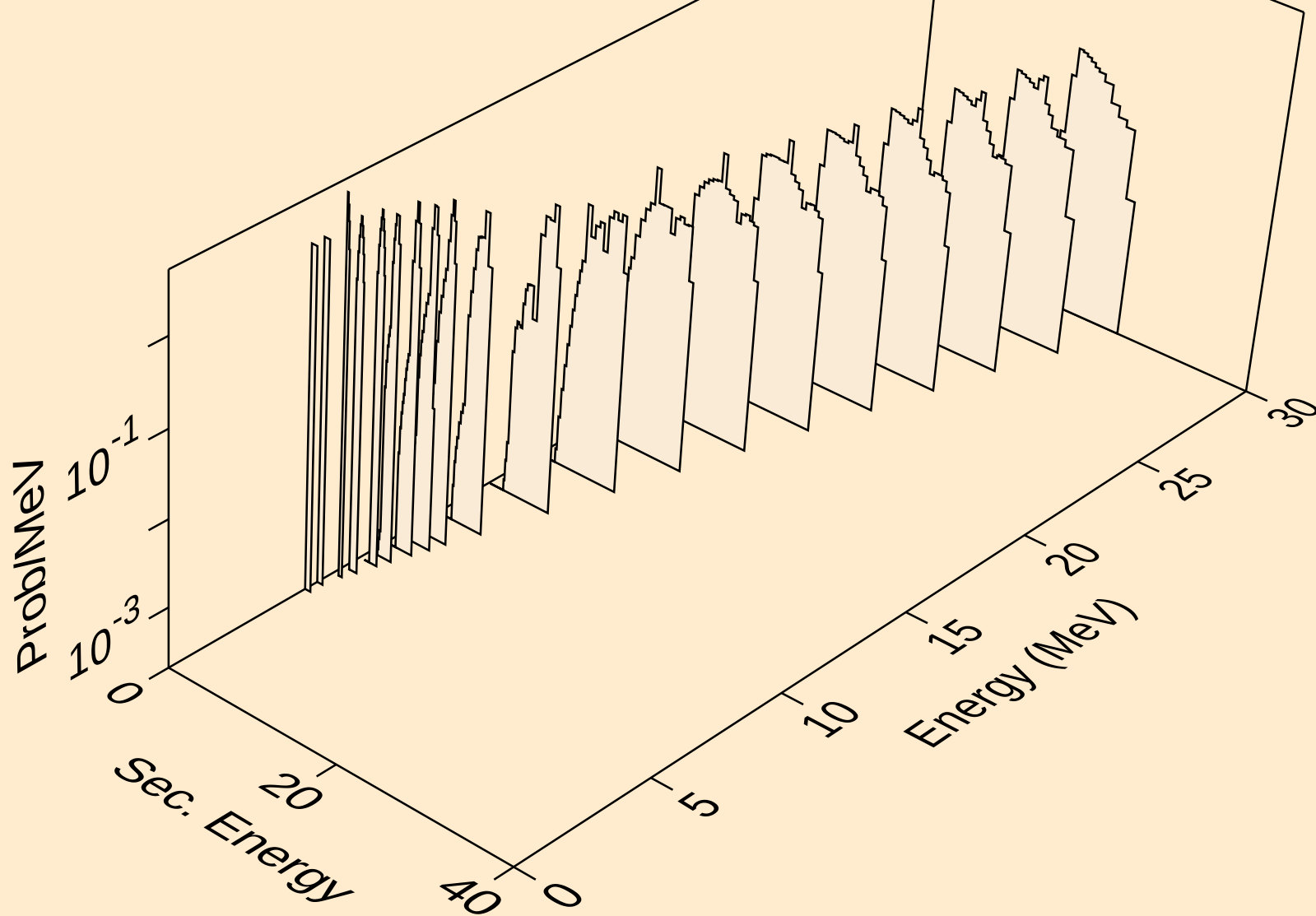
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protons from (n,2np)



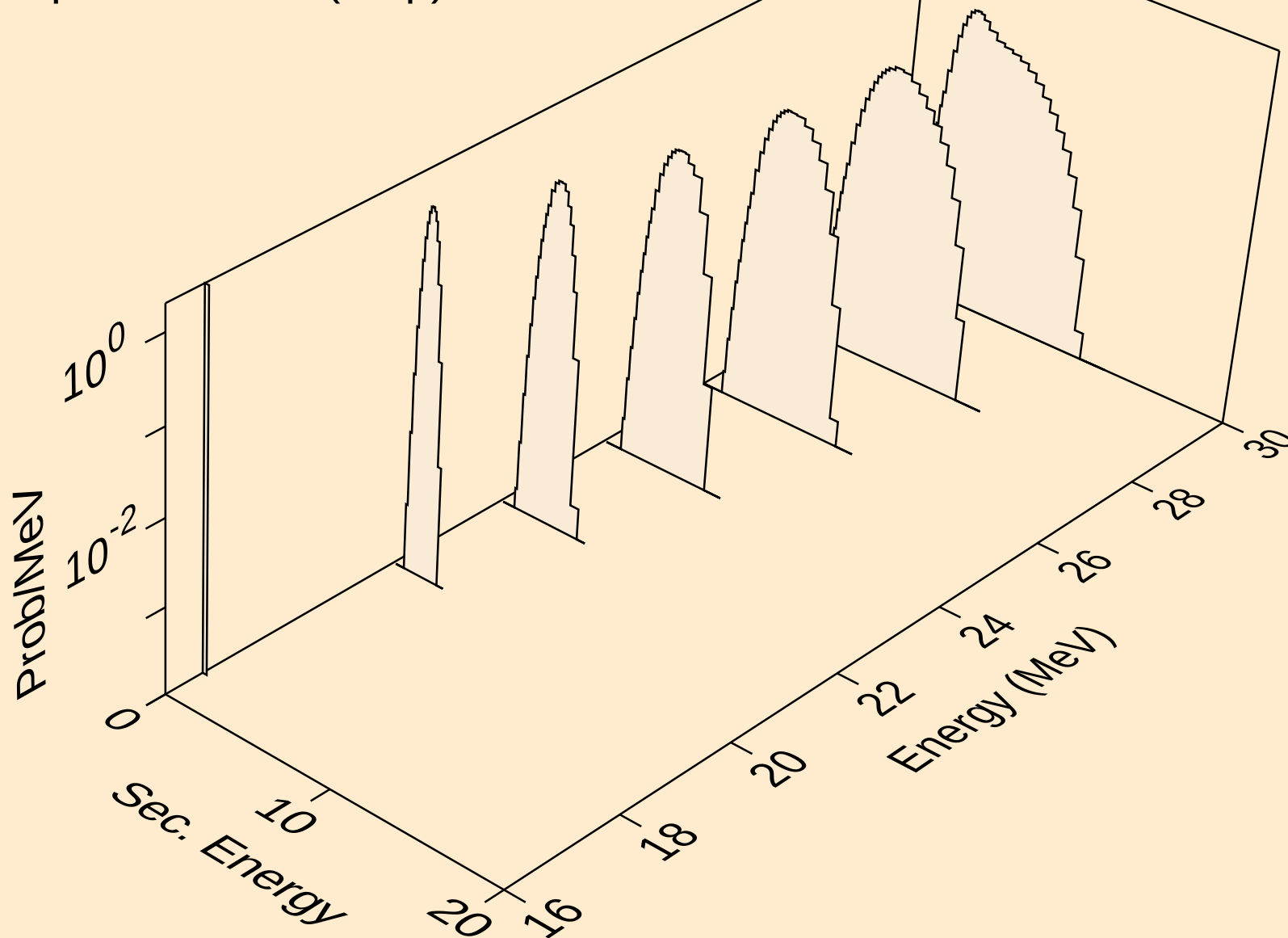
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protons from (n,3np)



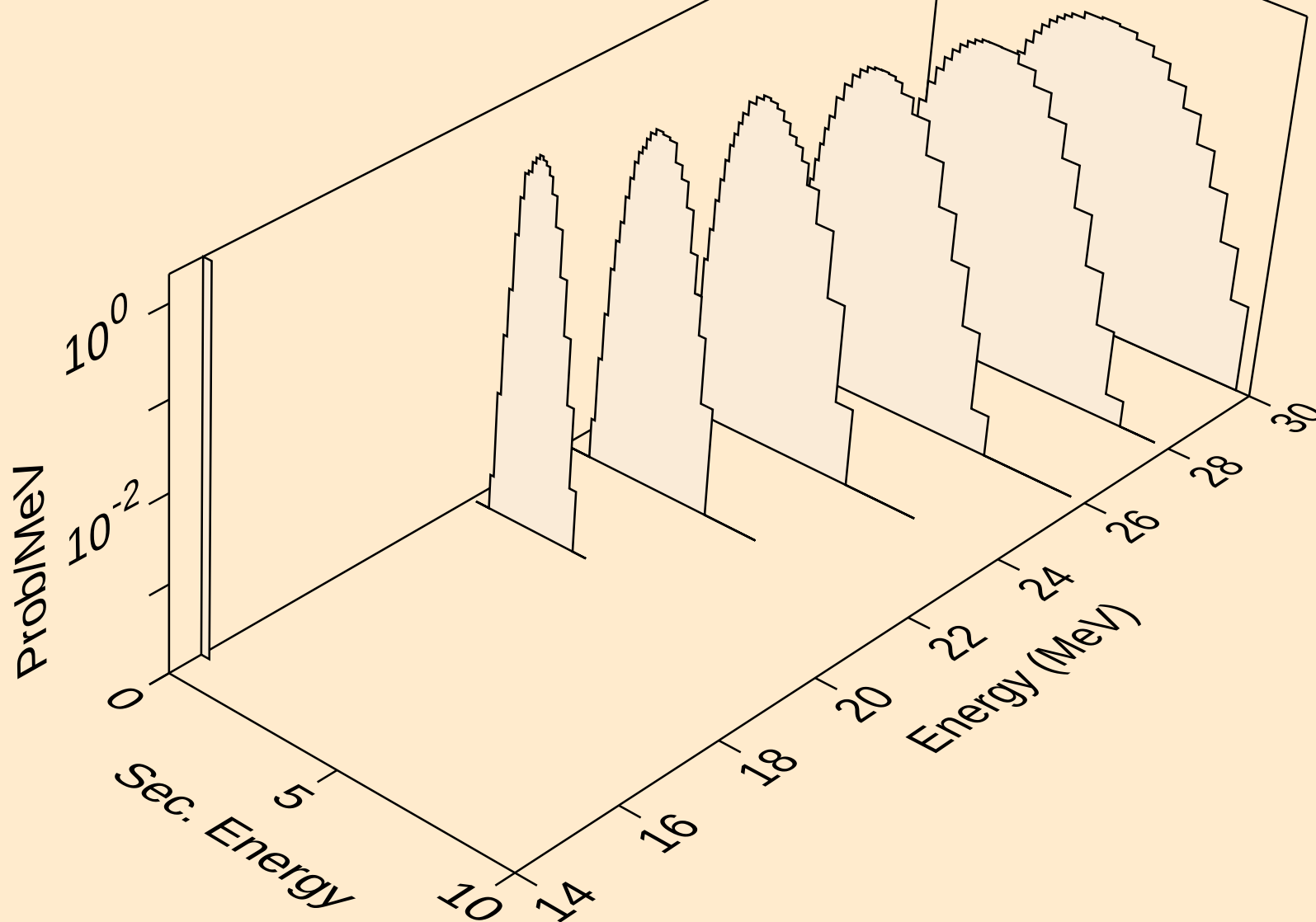
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protons from (n,p)



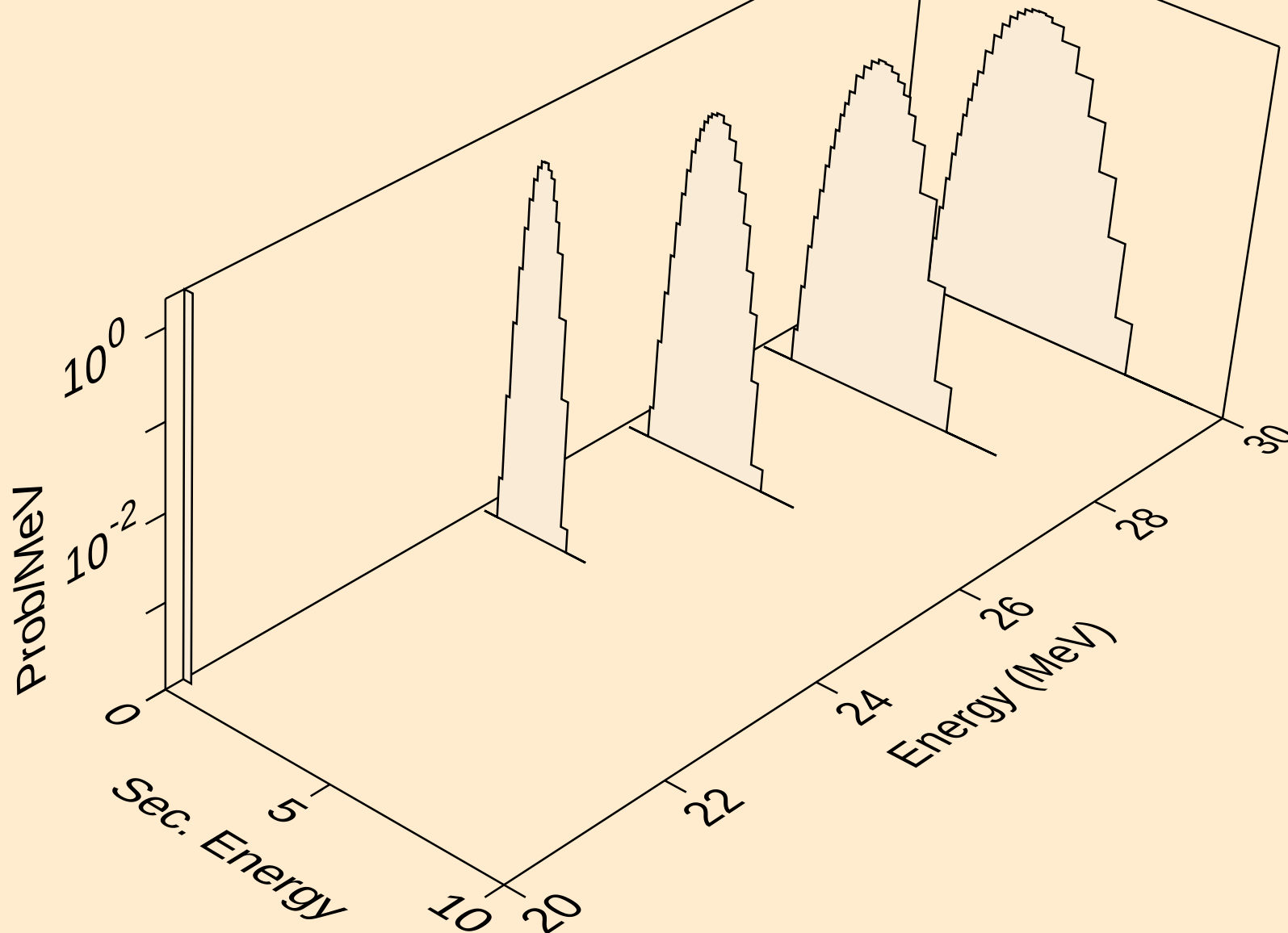
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protons from (n,2p)



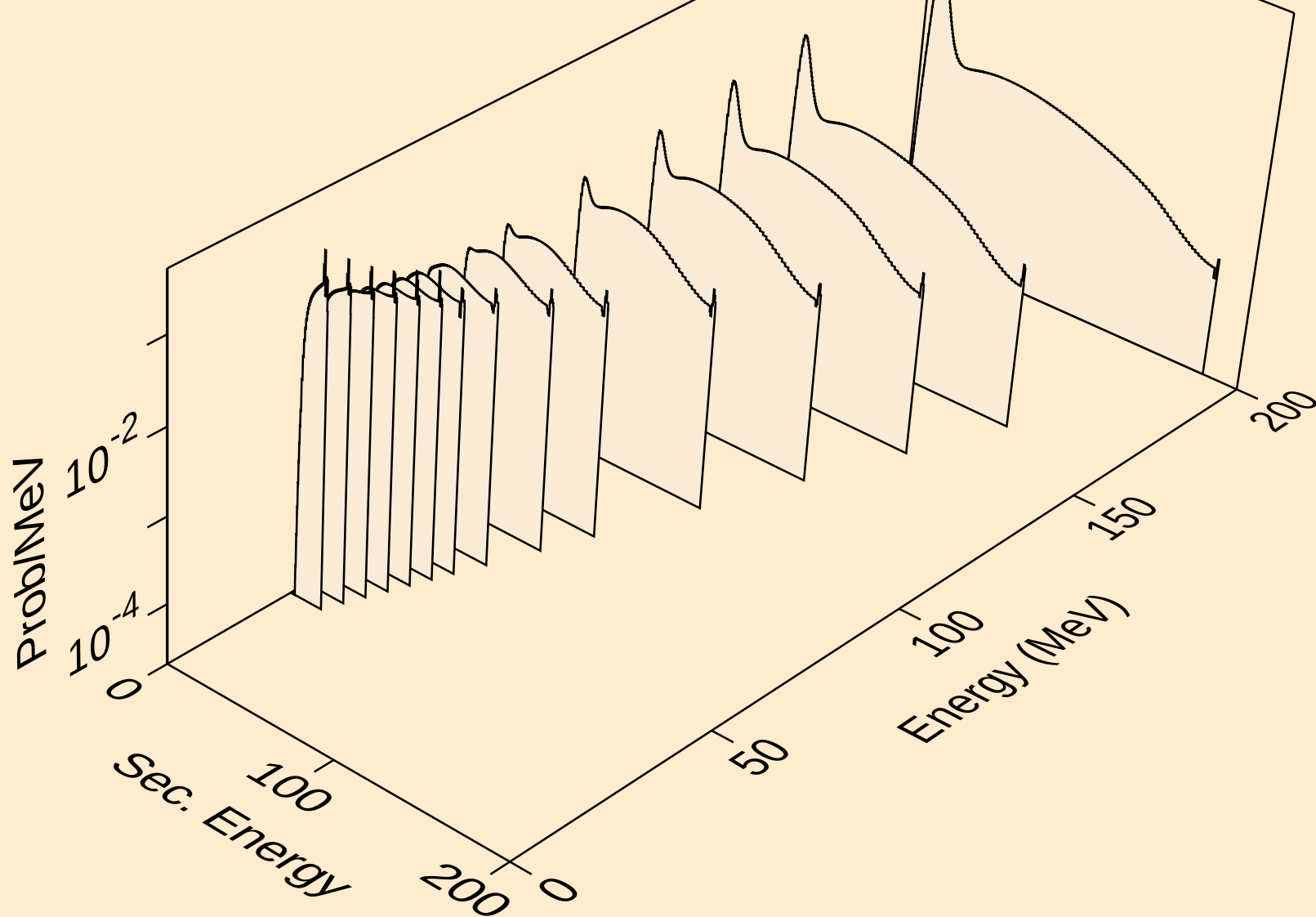
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protons from (n,p)



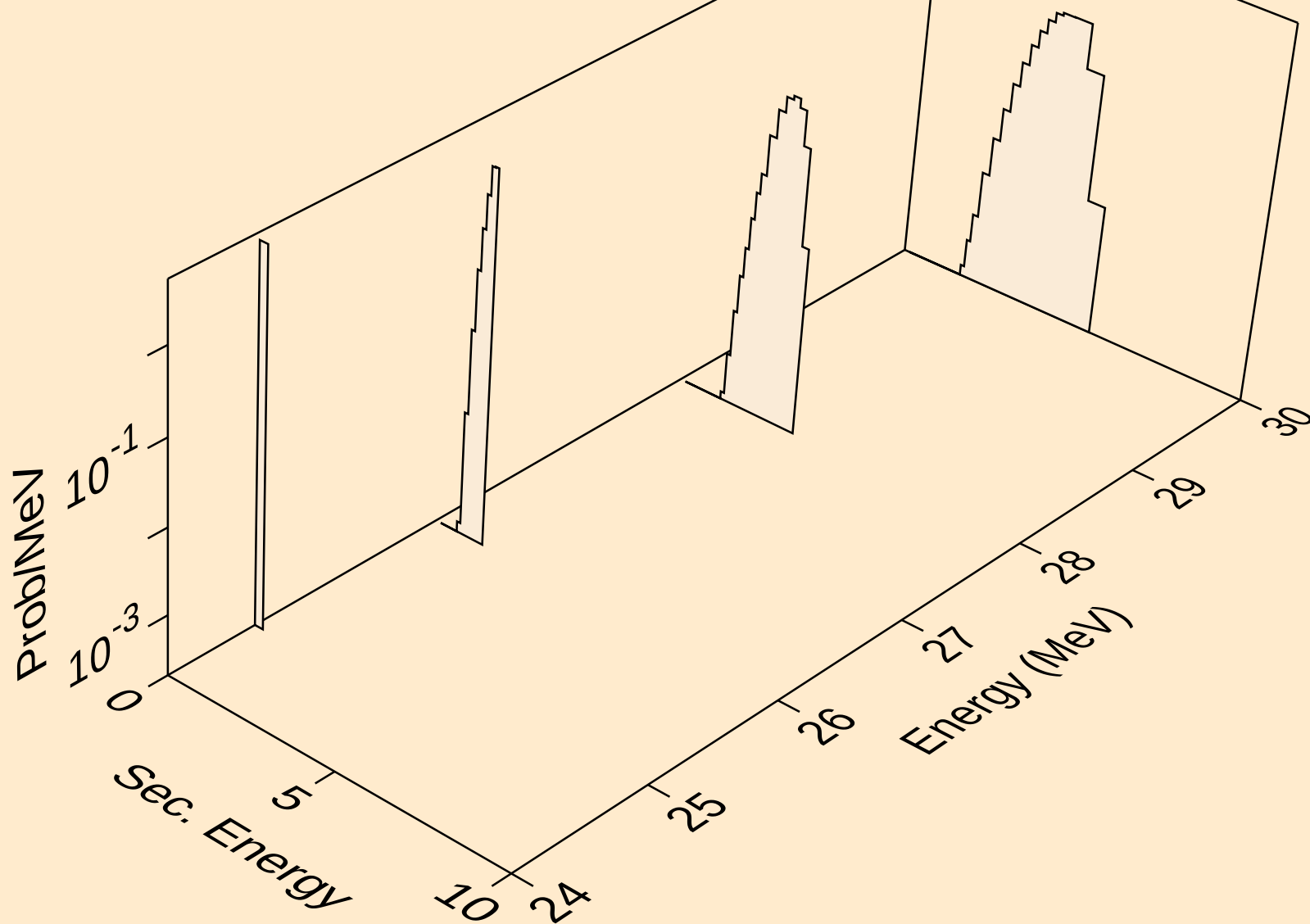
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



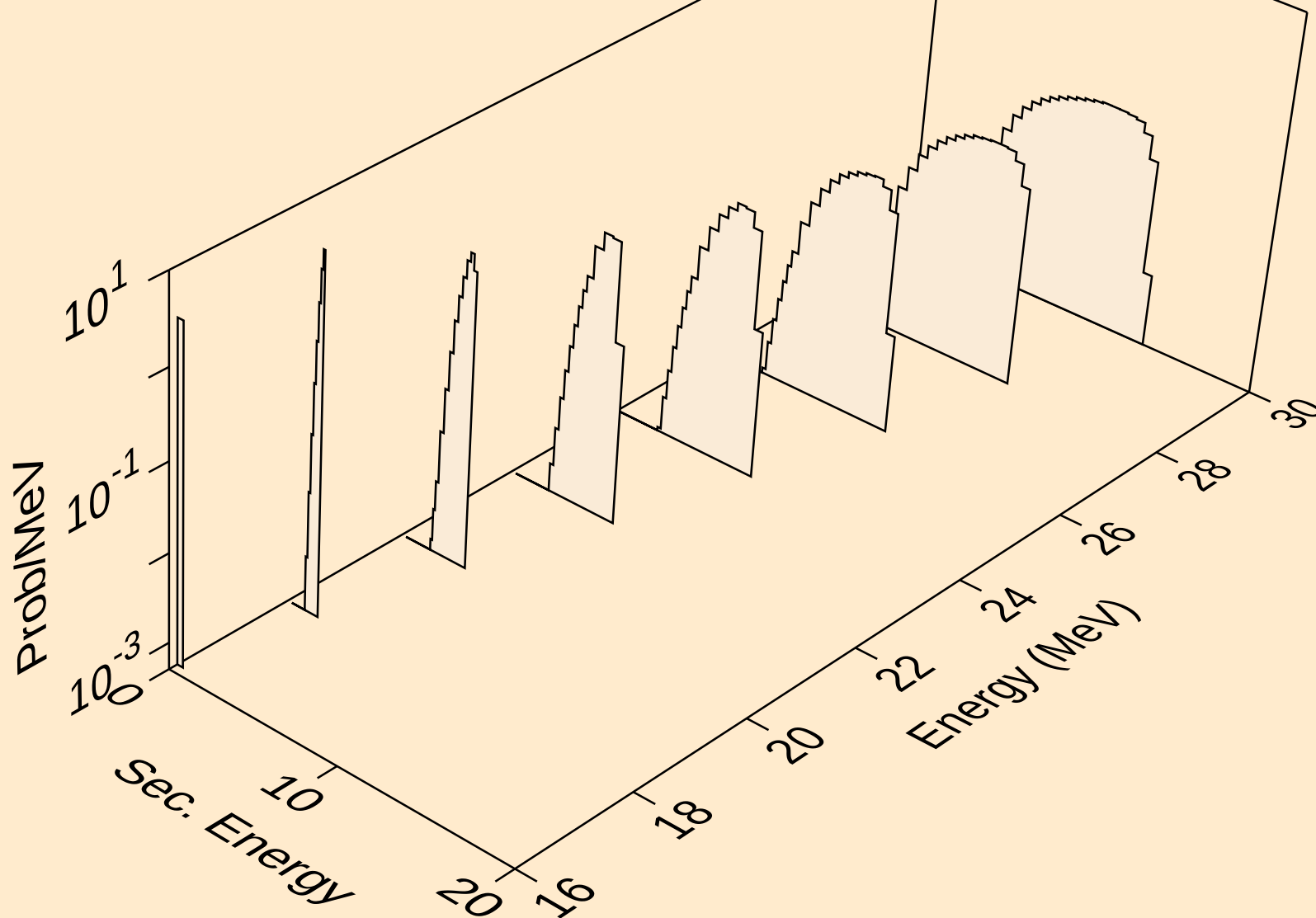
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



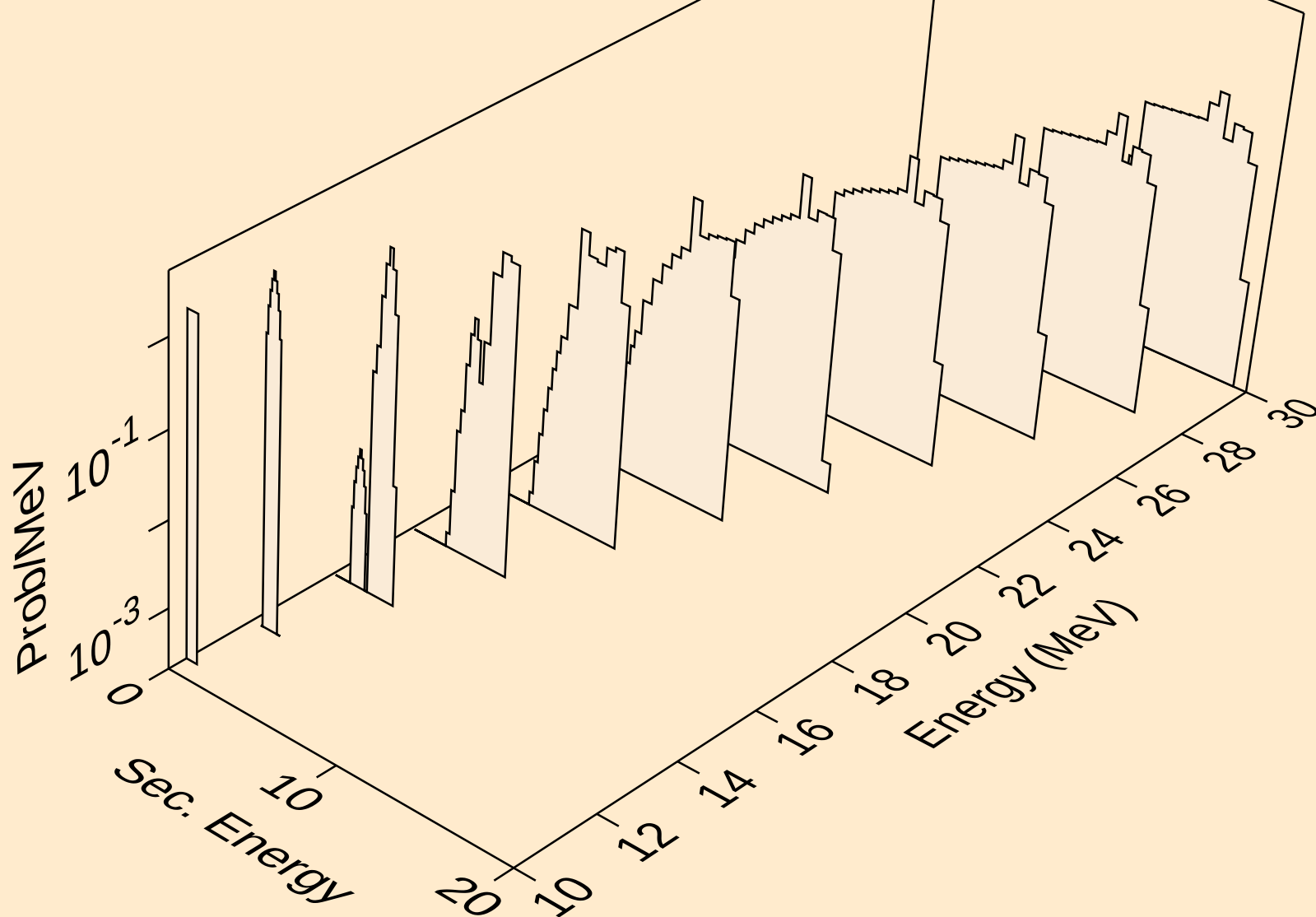
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deuterons from (n,2nd)



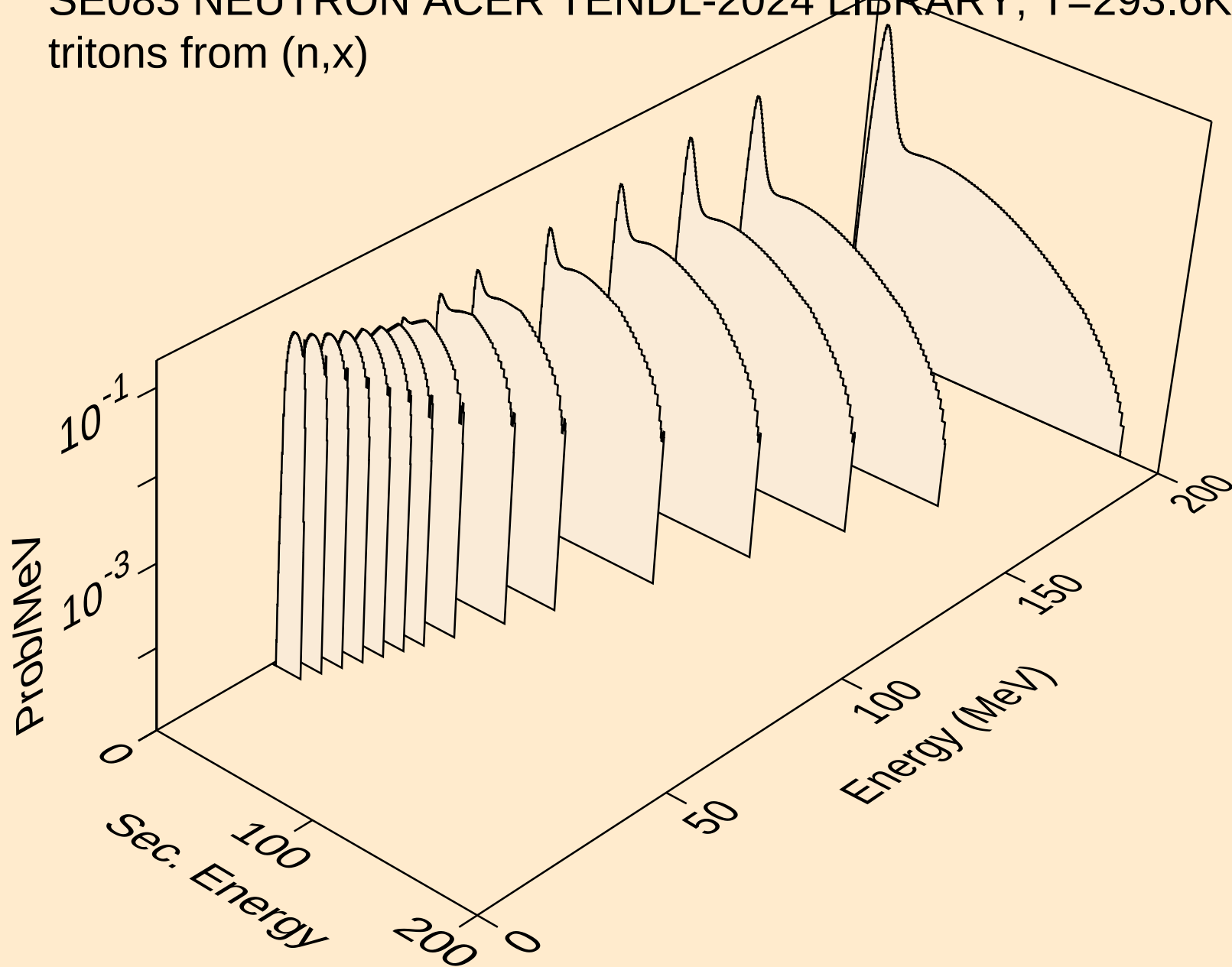
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



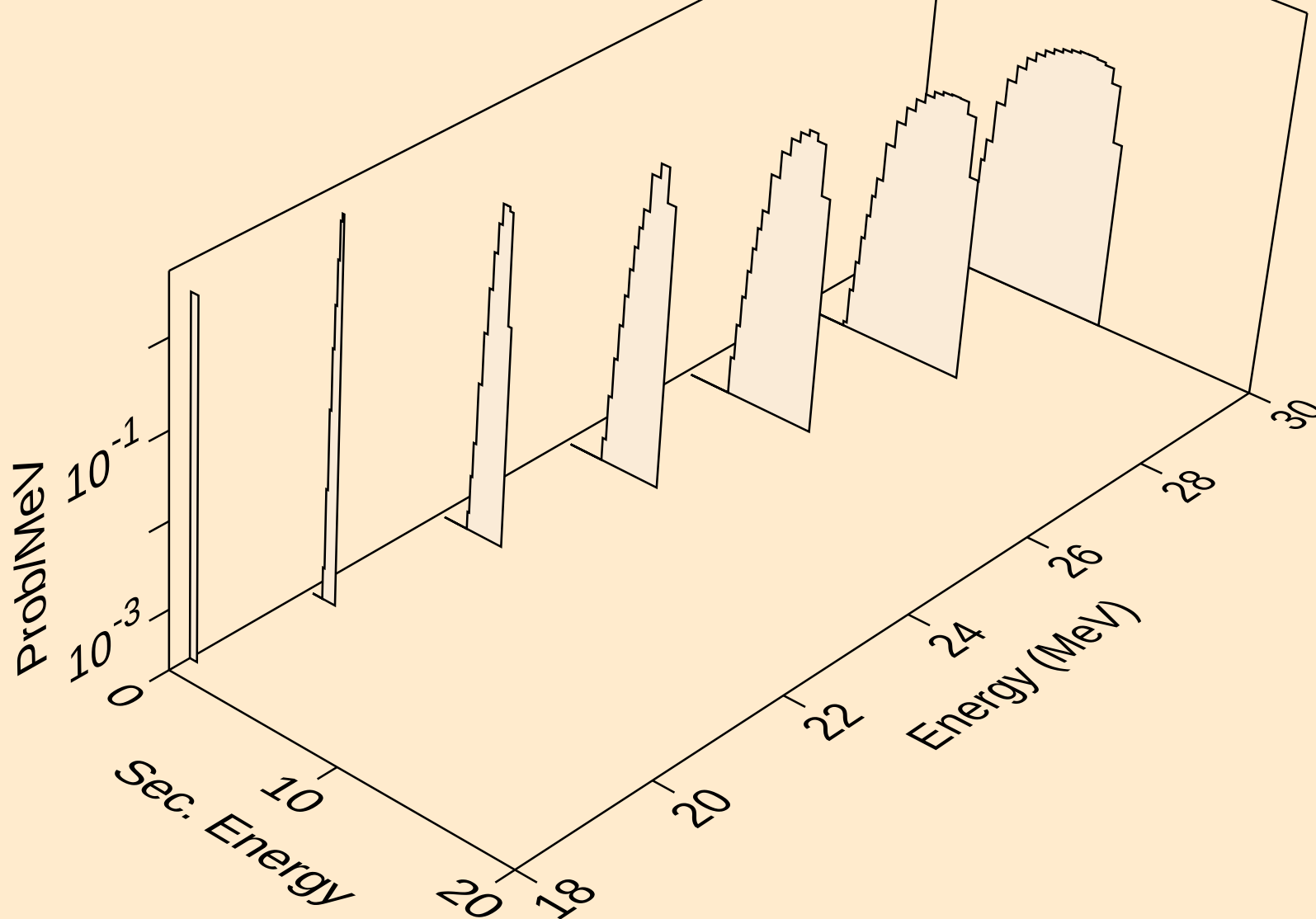
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deuterons from (n,d)



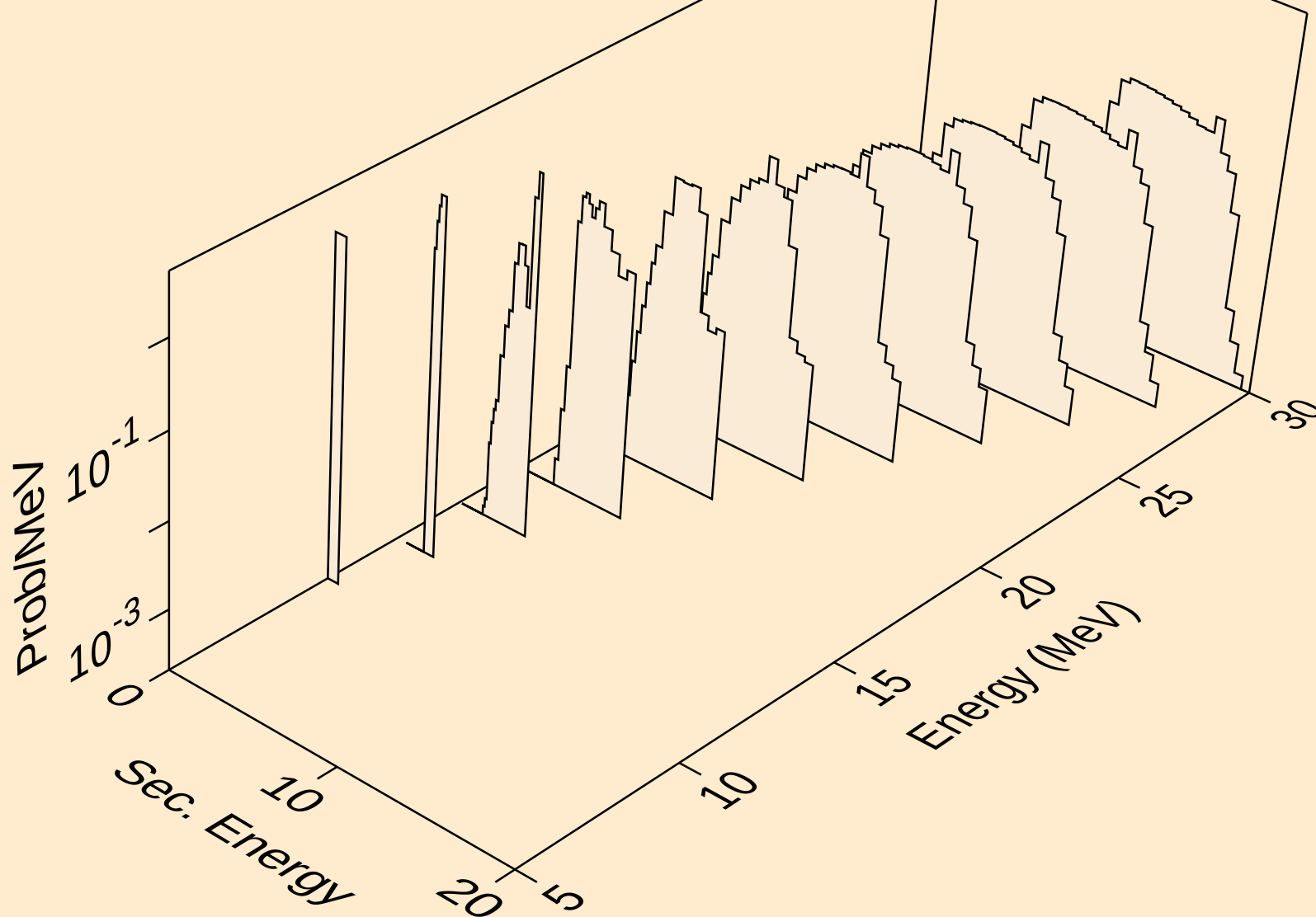
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tritons from (n,x)



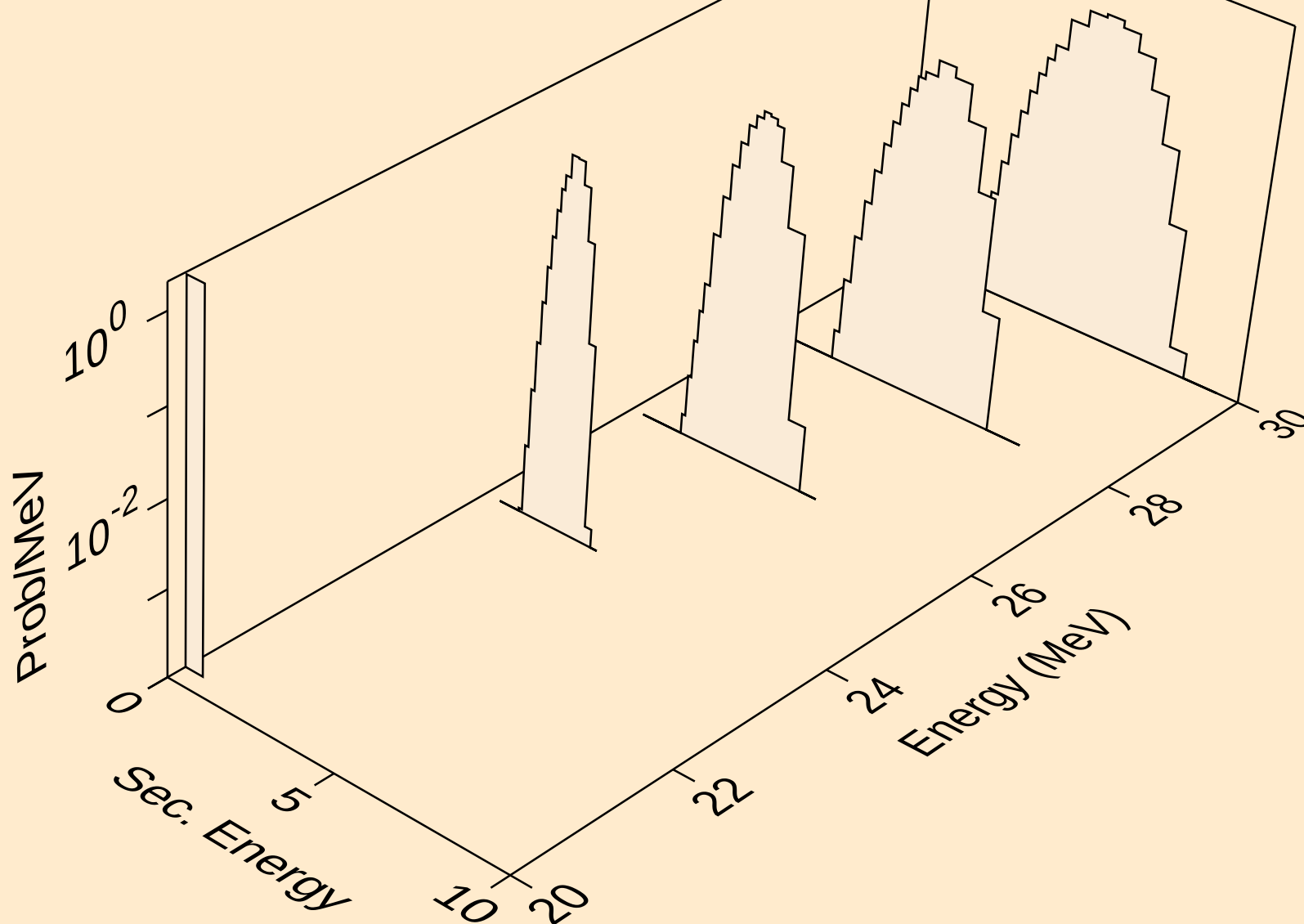
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



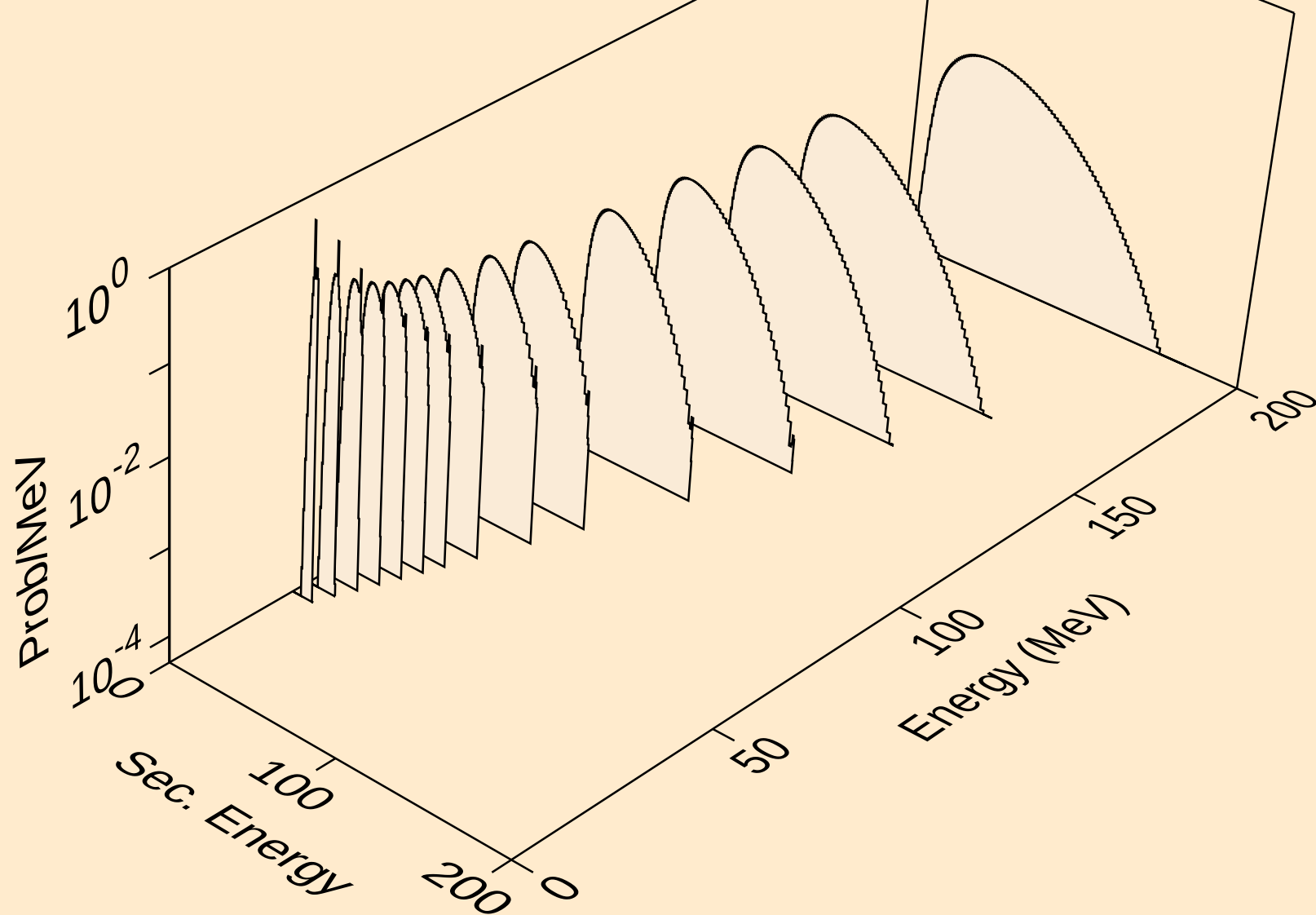
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tritons from (n,t)



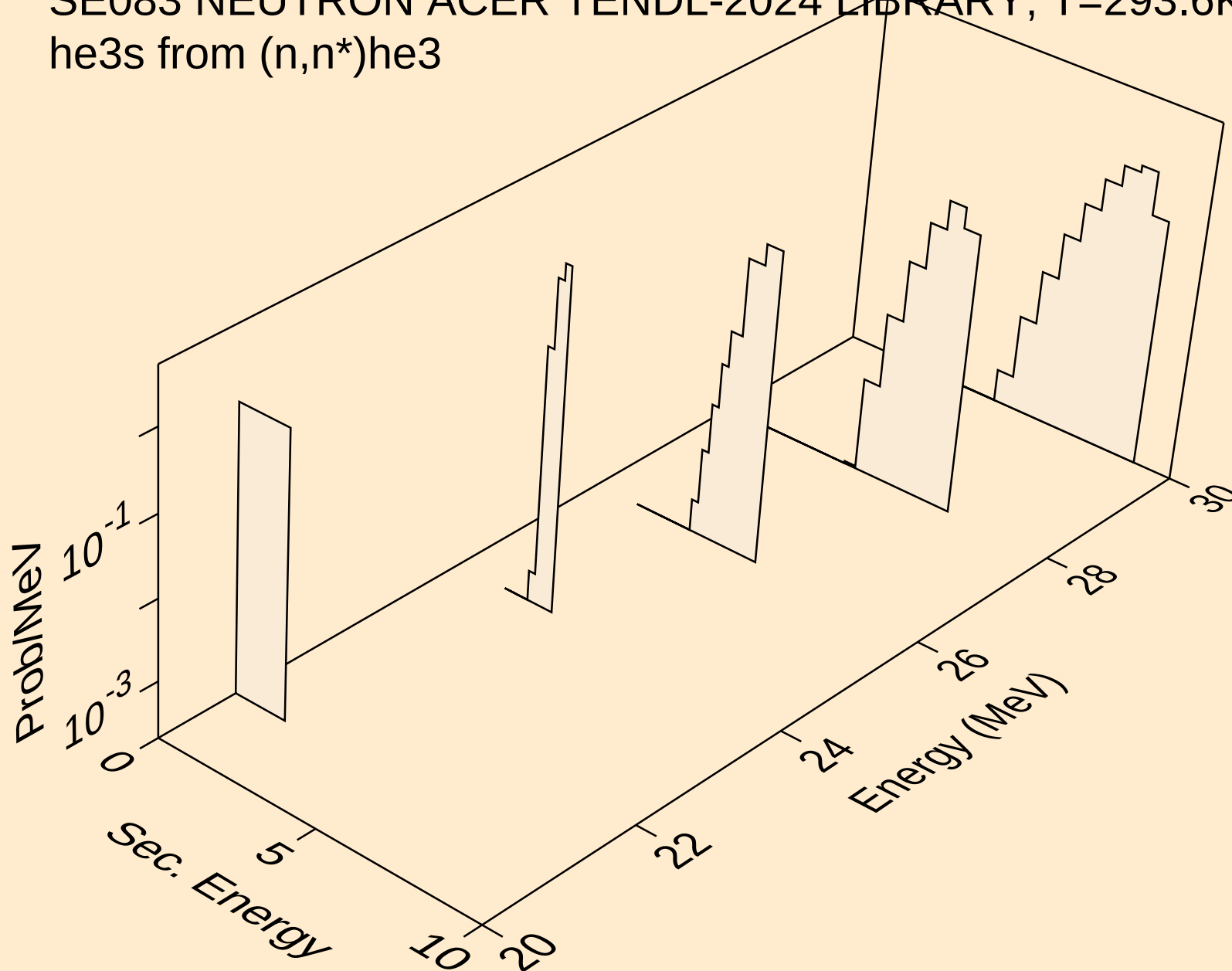
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tritons from (n,pt)



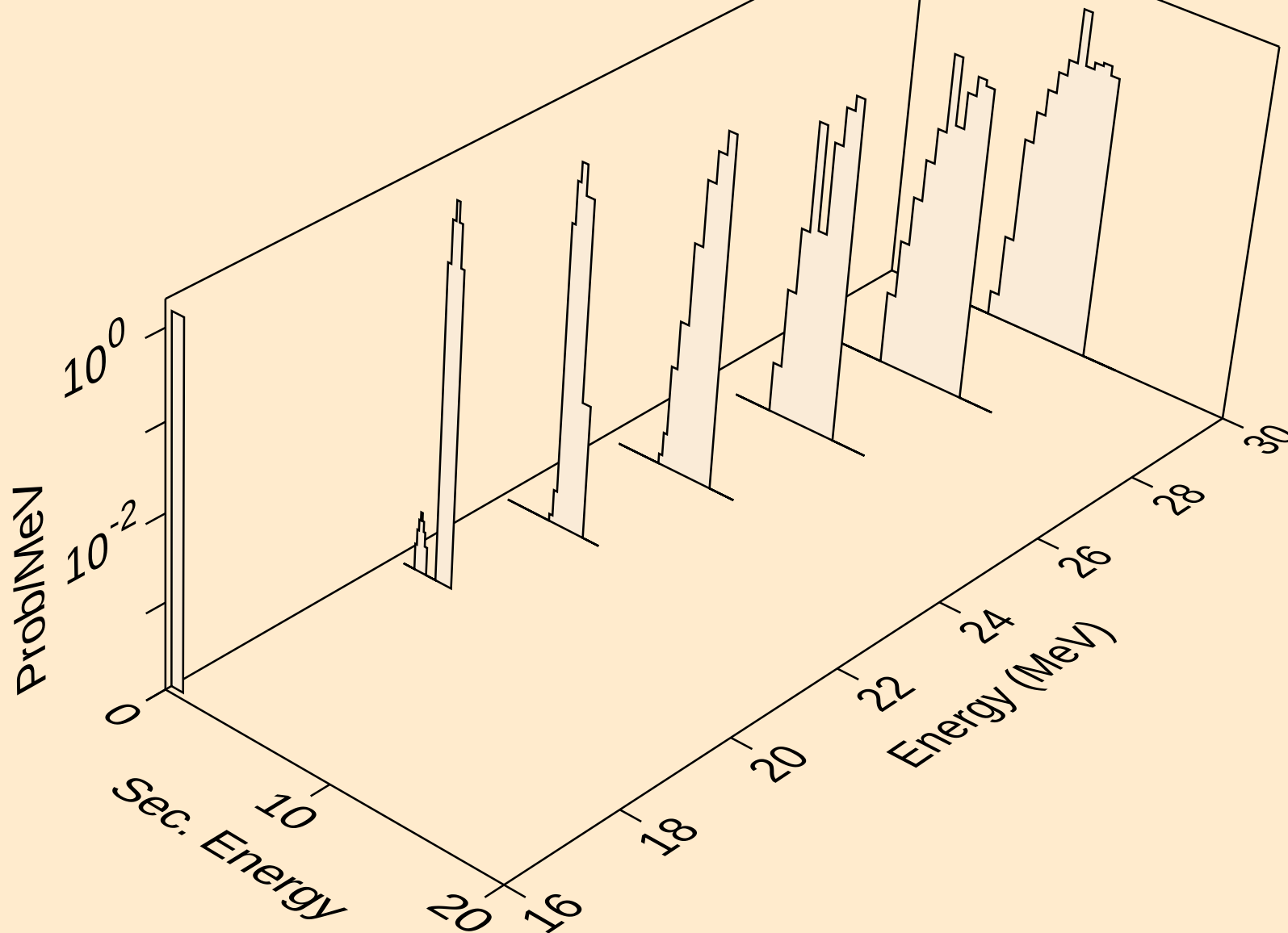
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



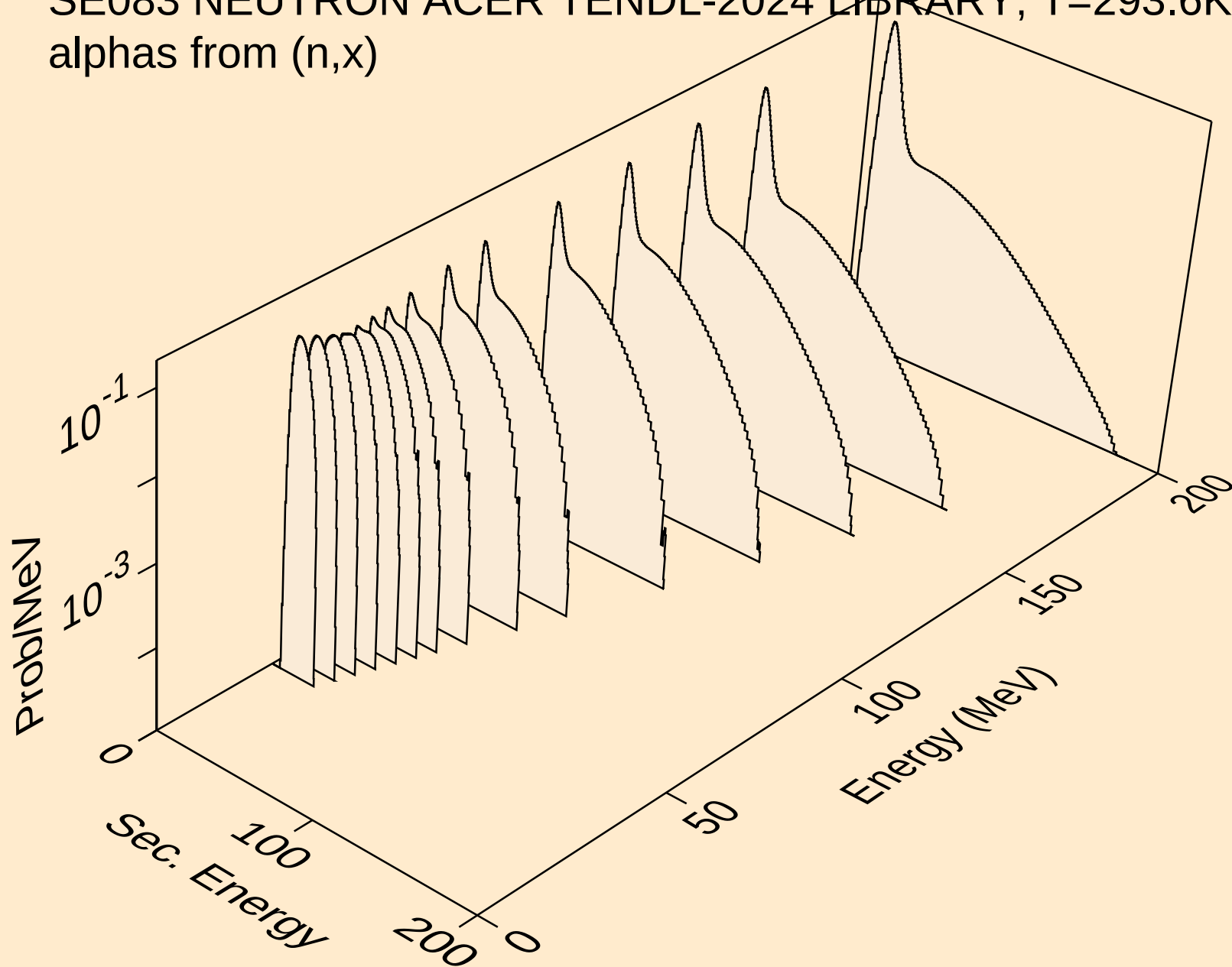
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he3s from (n,n*)he3



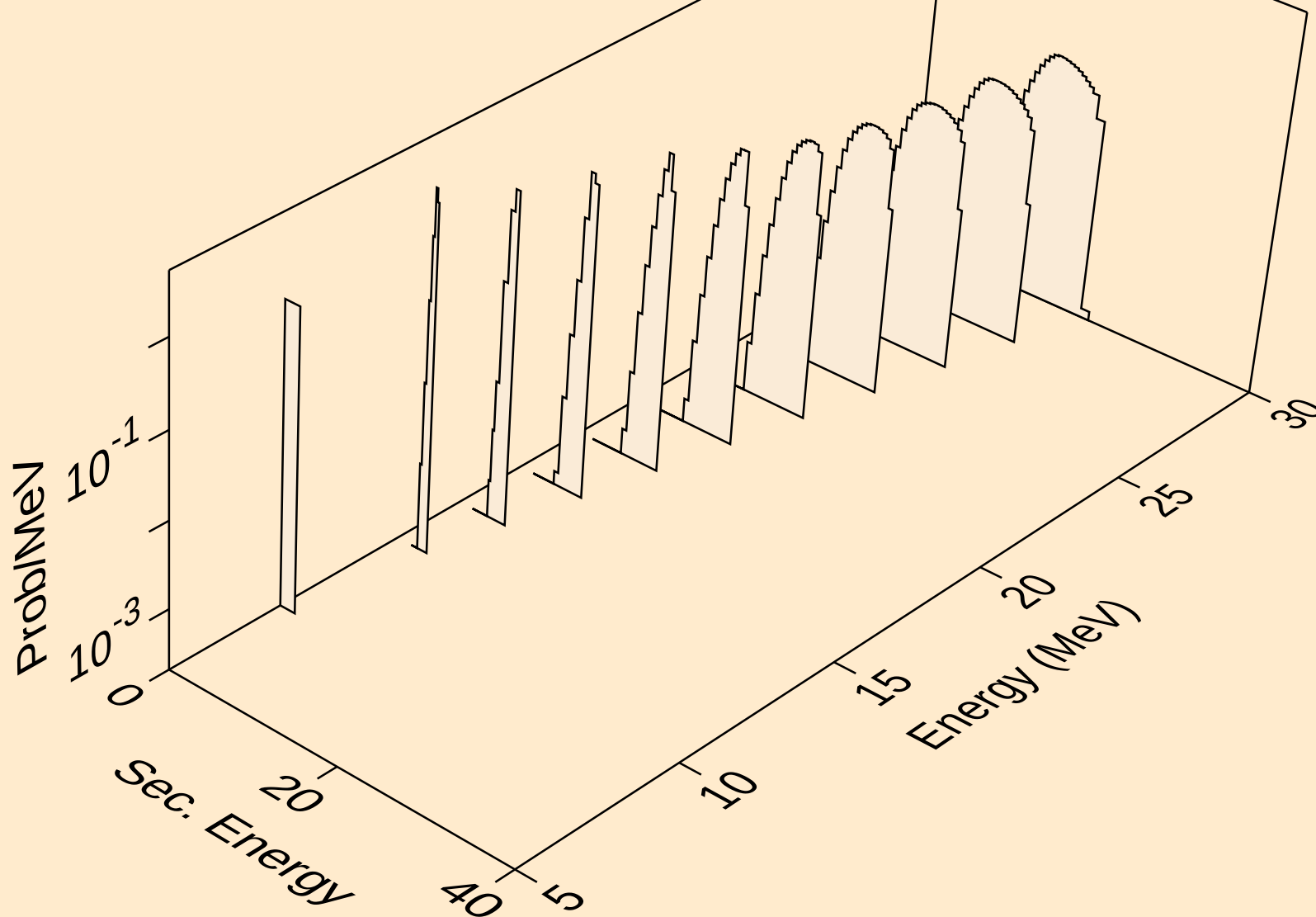
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he3s from (n,he3)



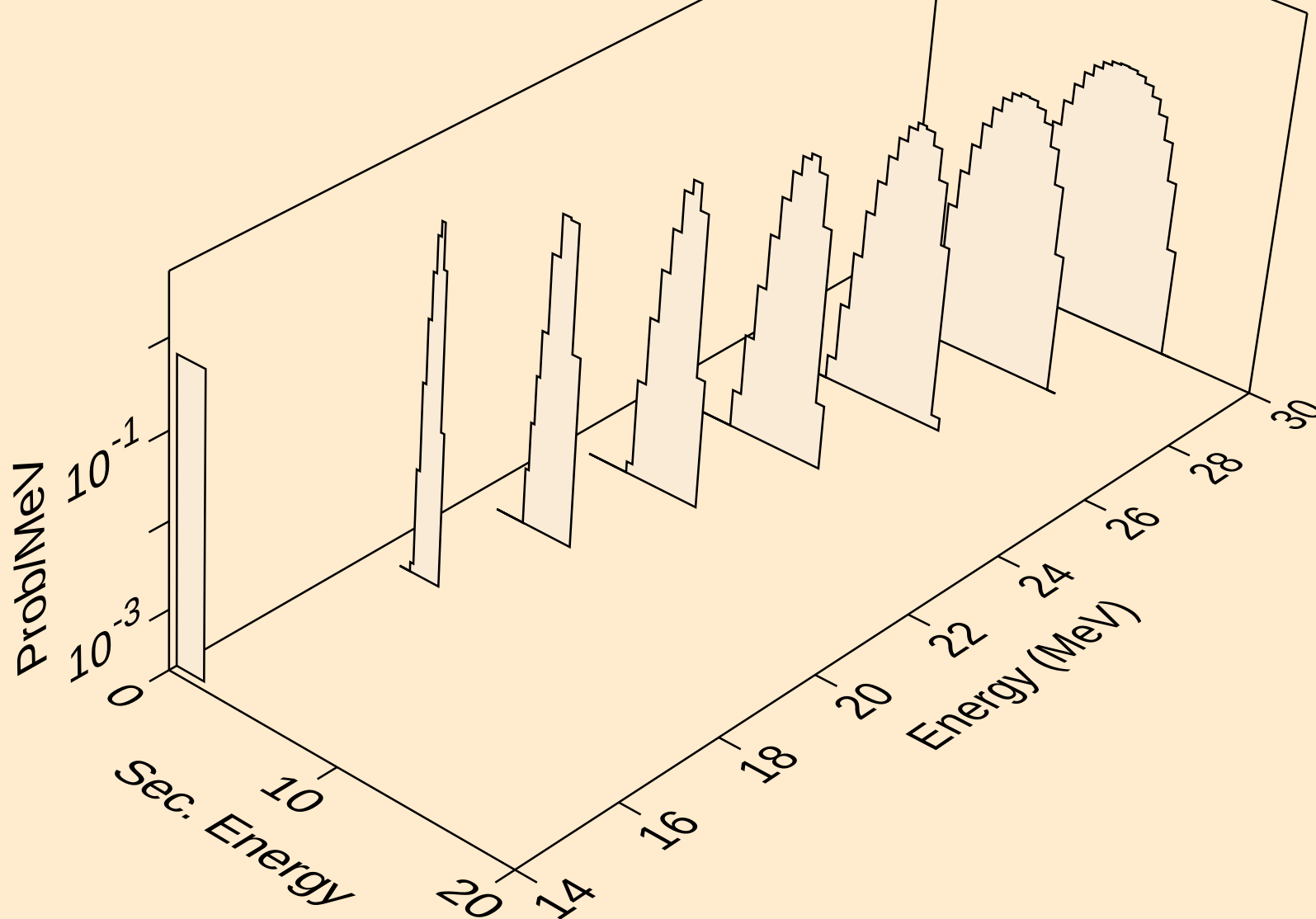
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alphas from (n,x)



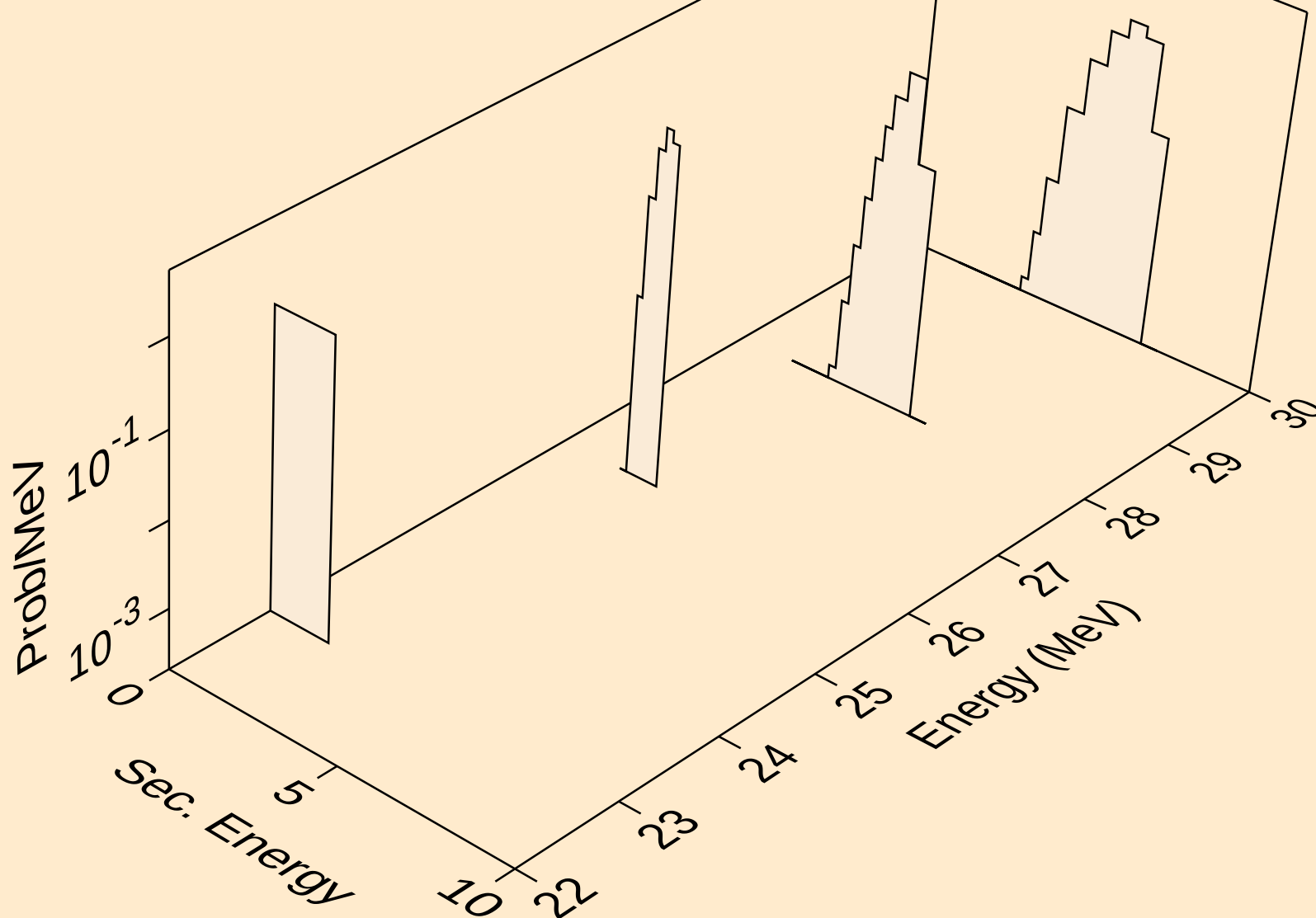
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



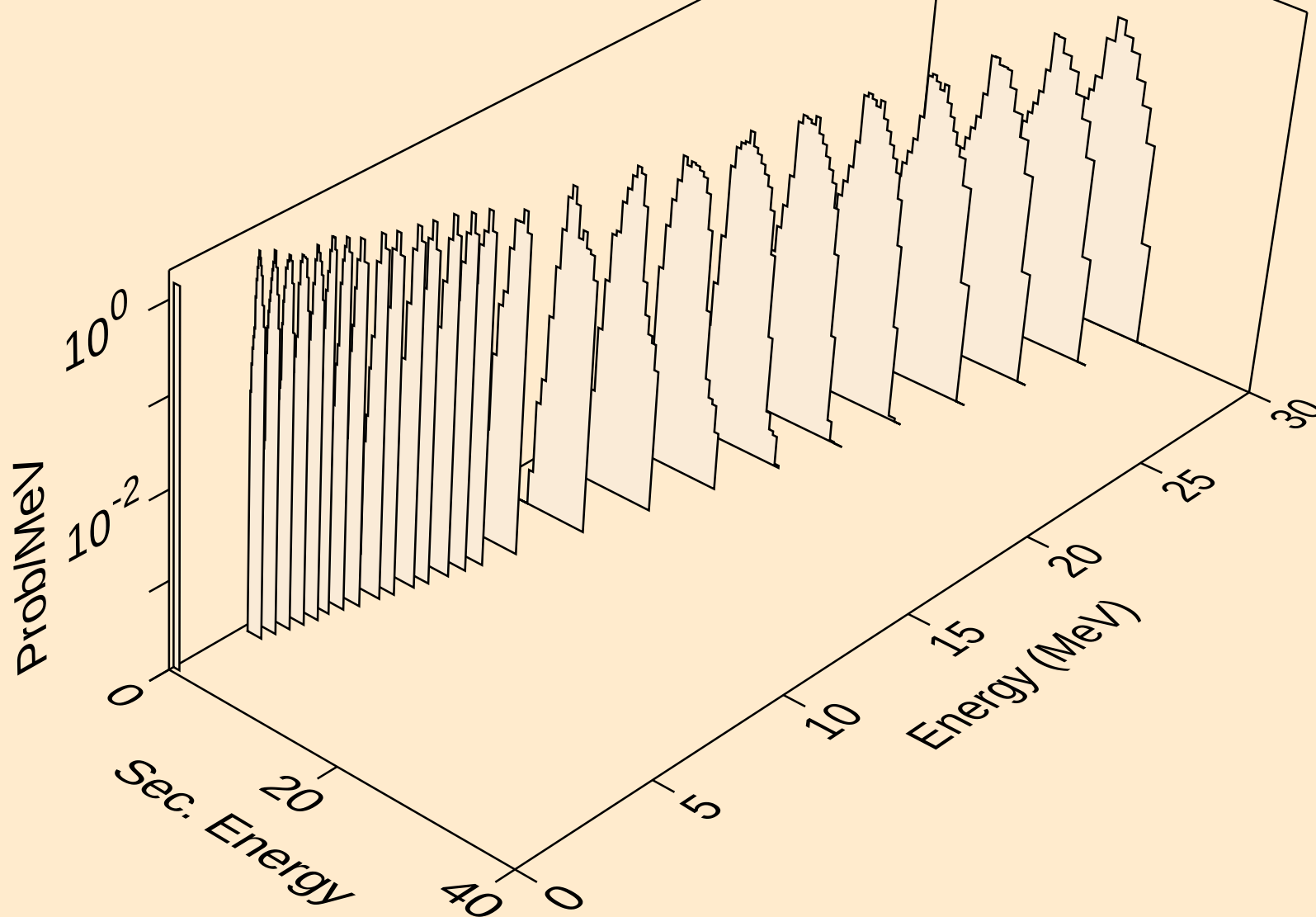
SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



SE083 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,p)

