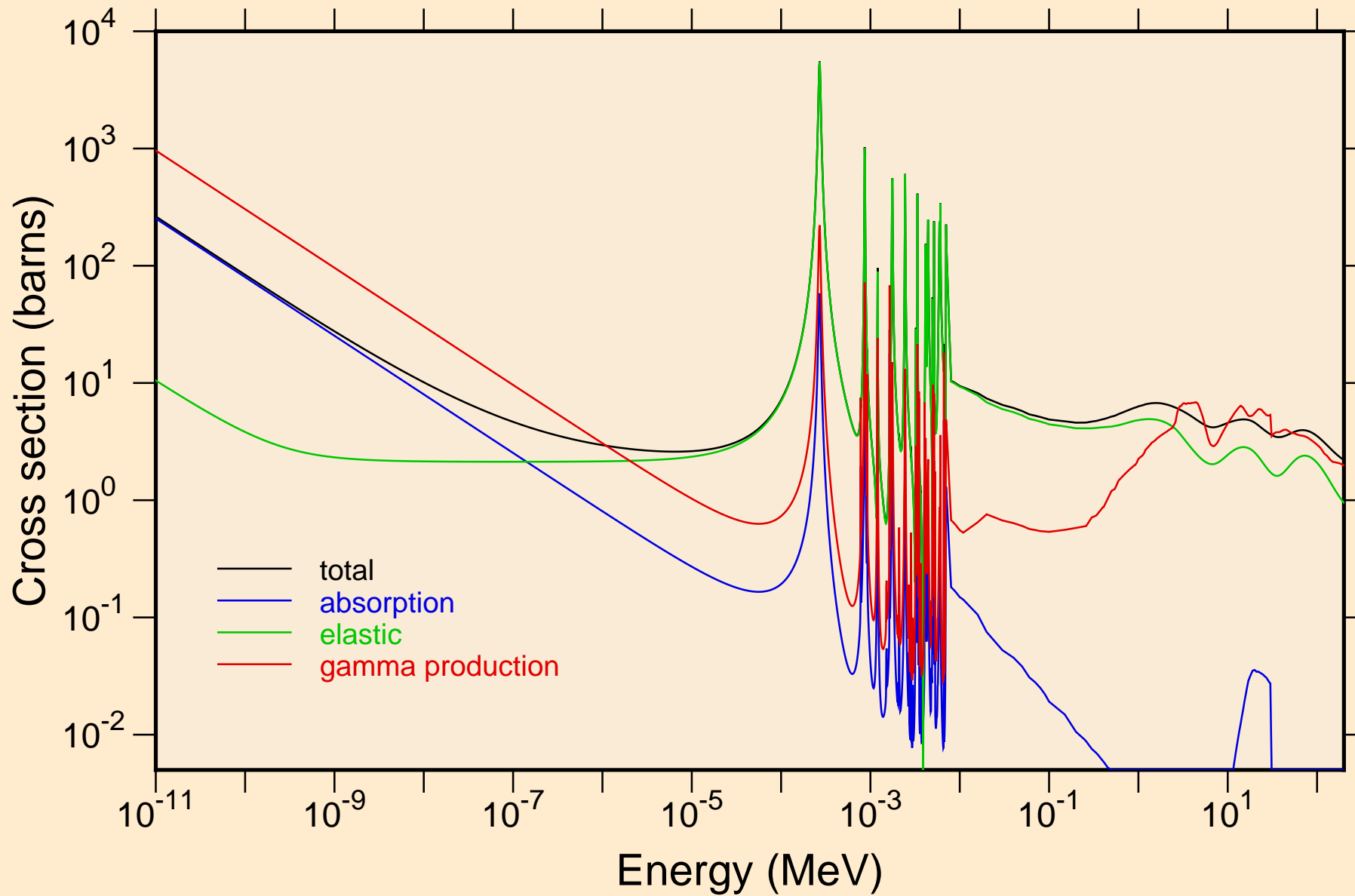
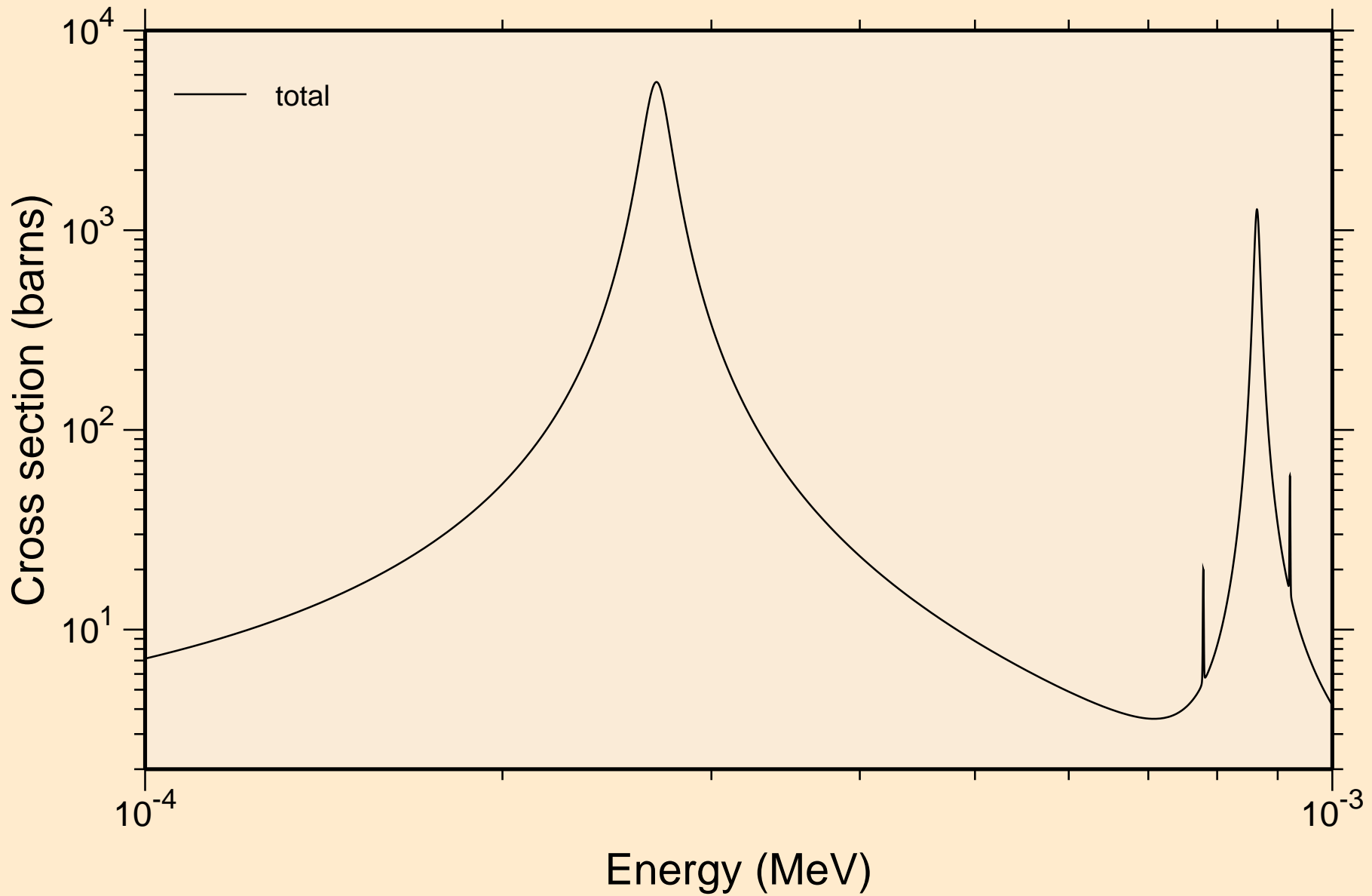


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

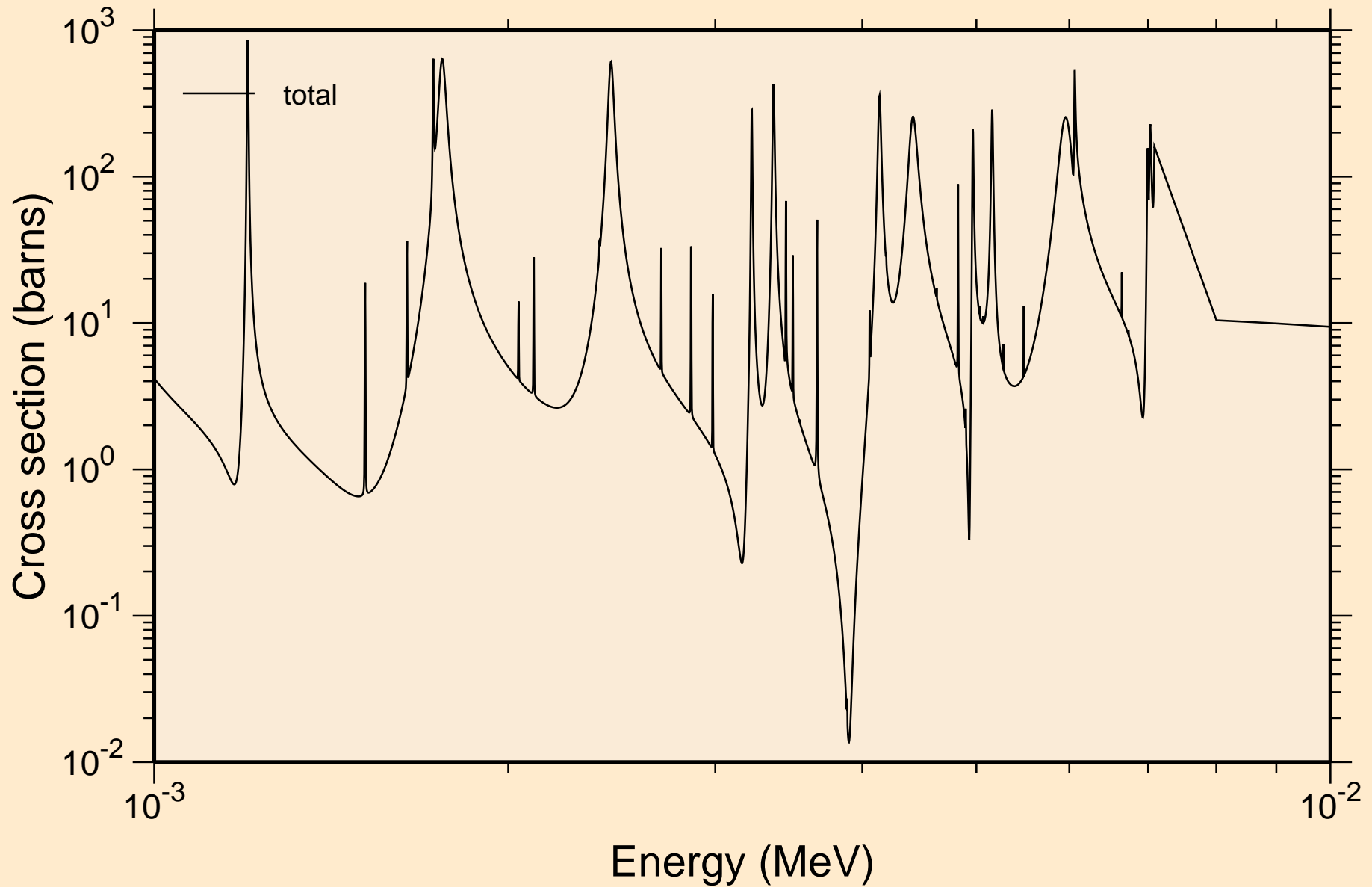
Principal cross sections



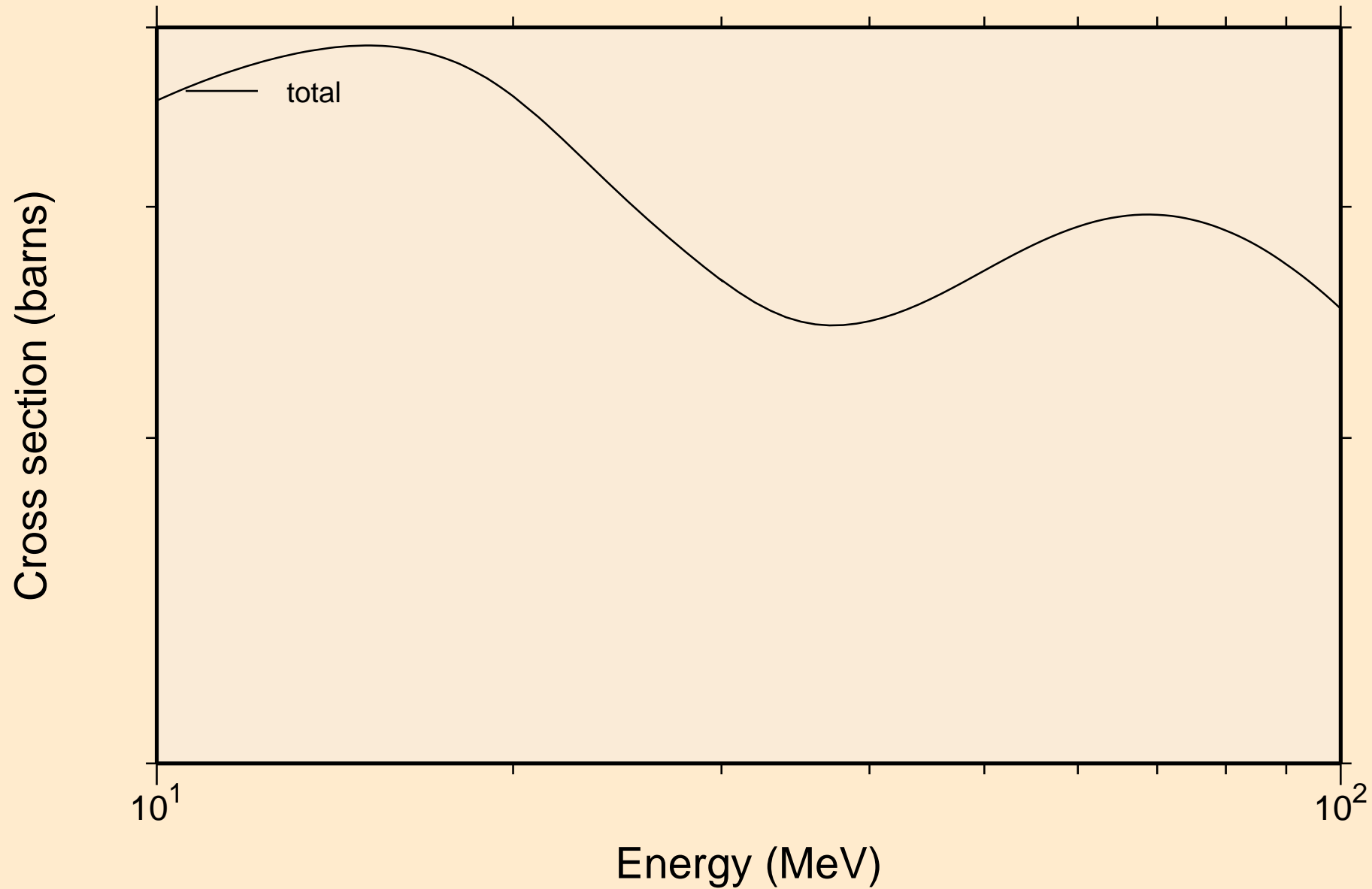
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



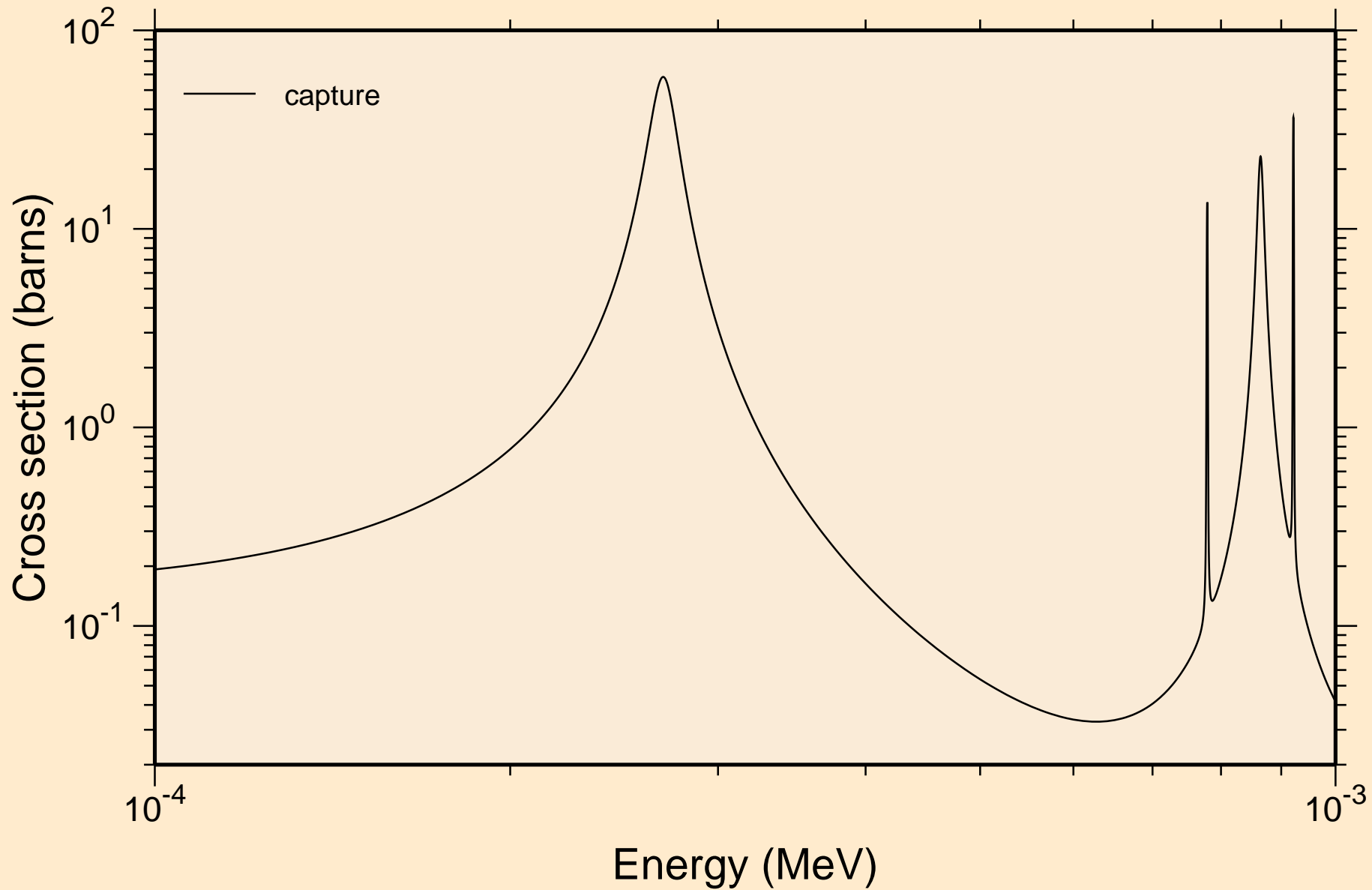
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



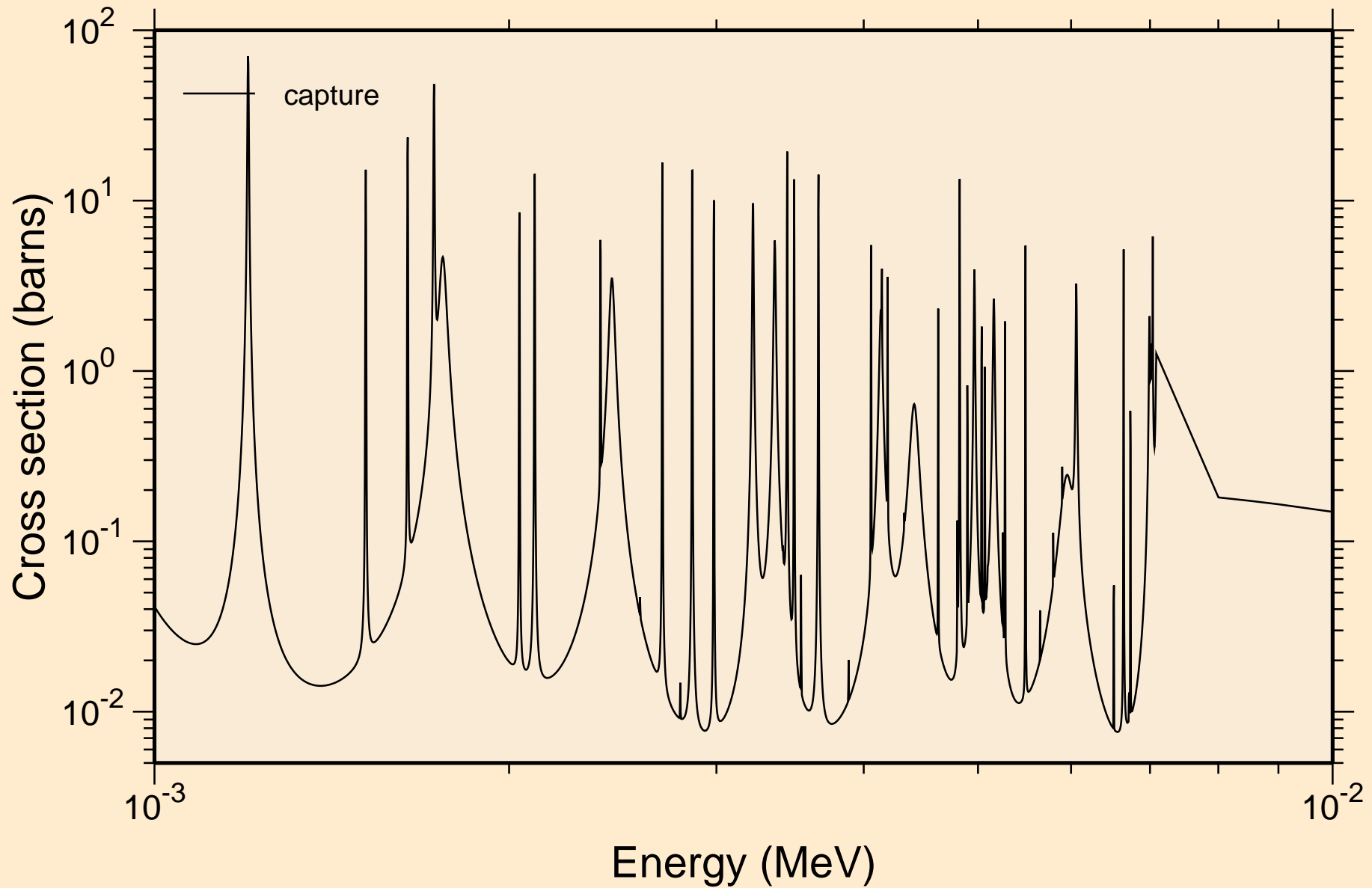
C¹³⁸ NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



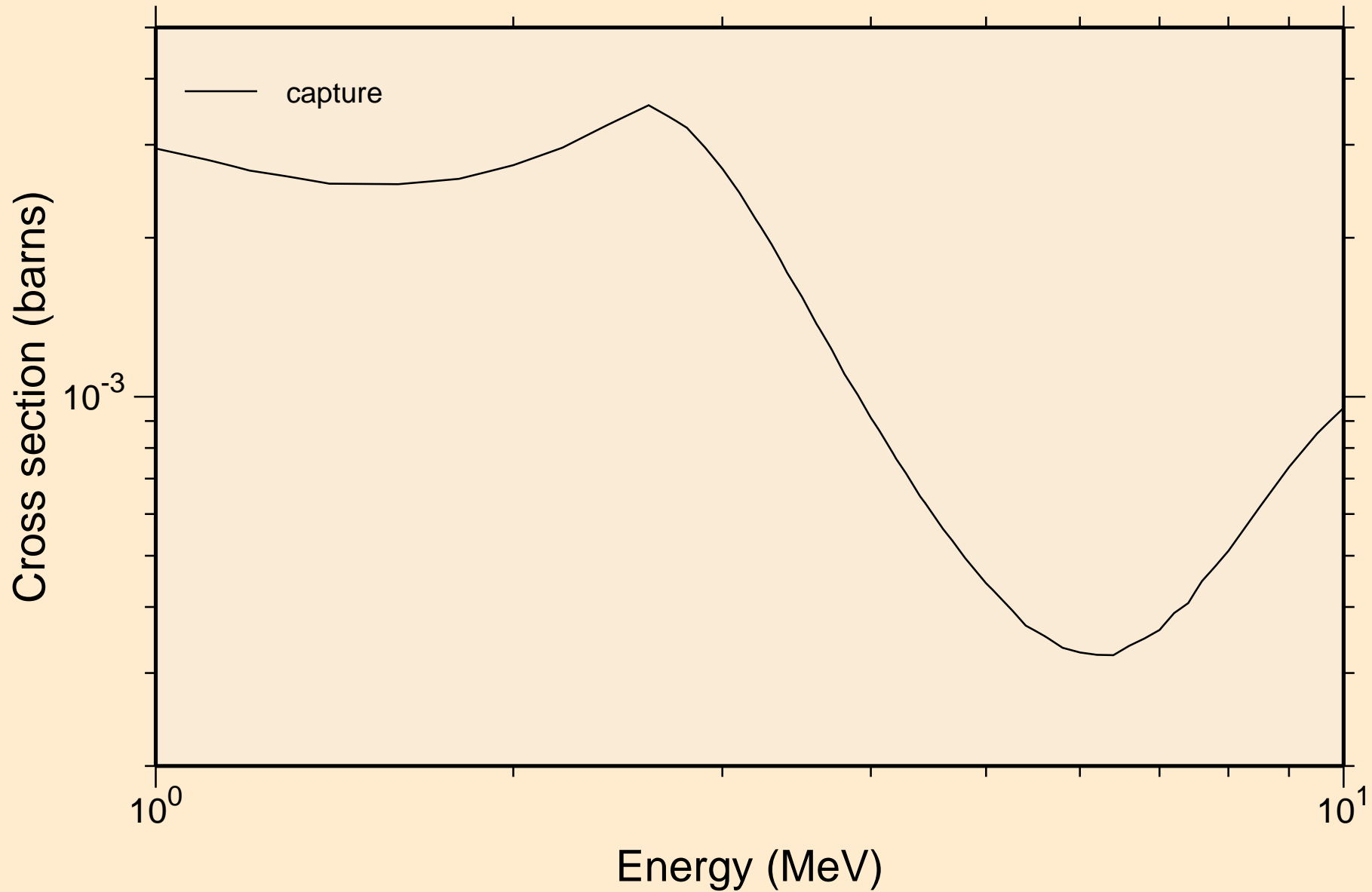
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



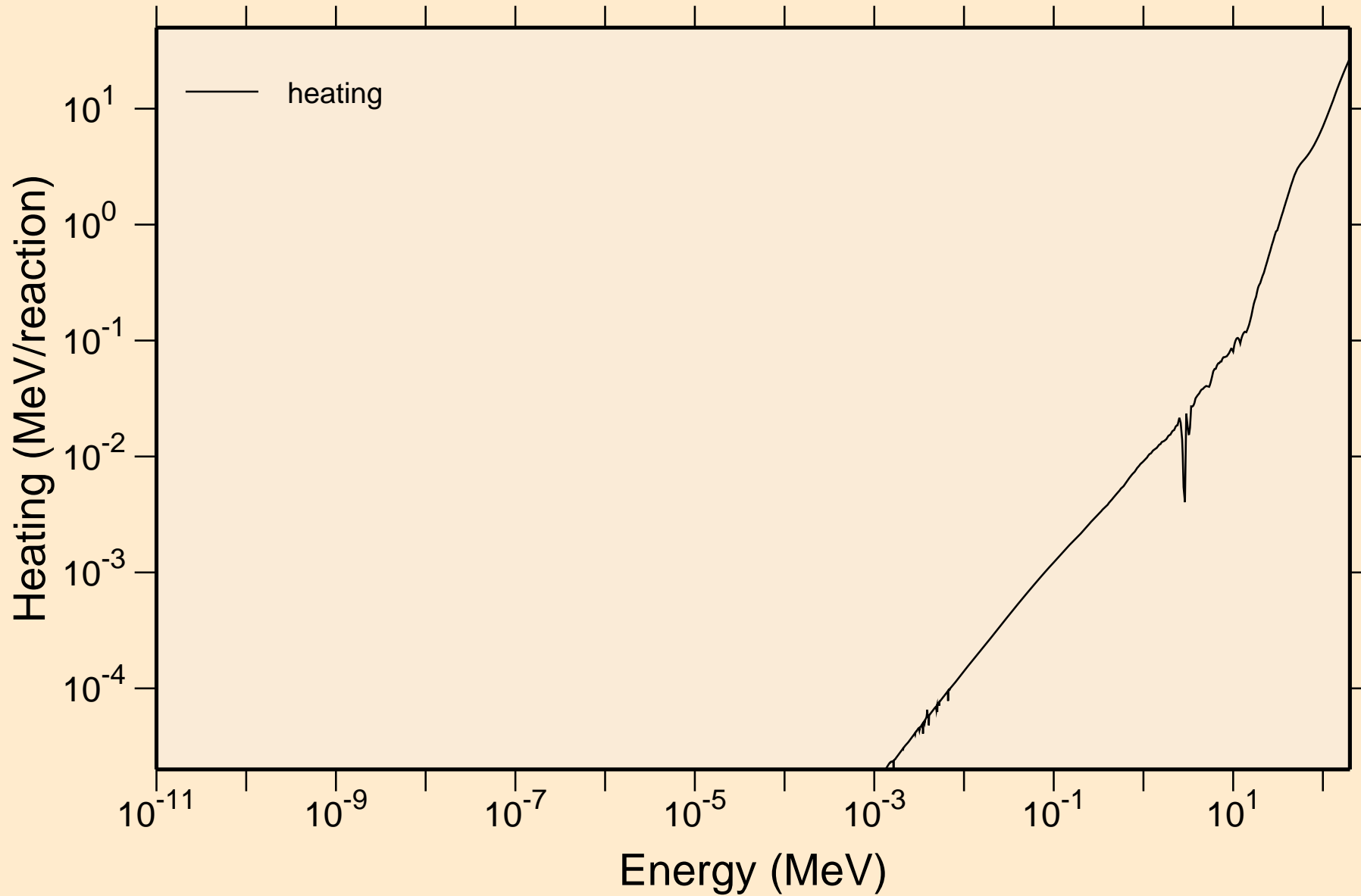
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



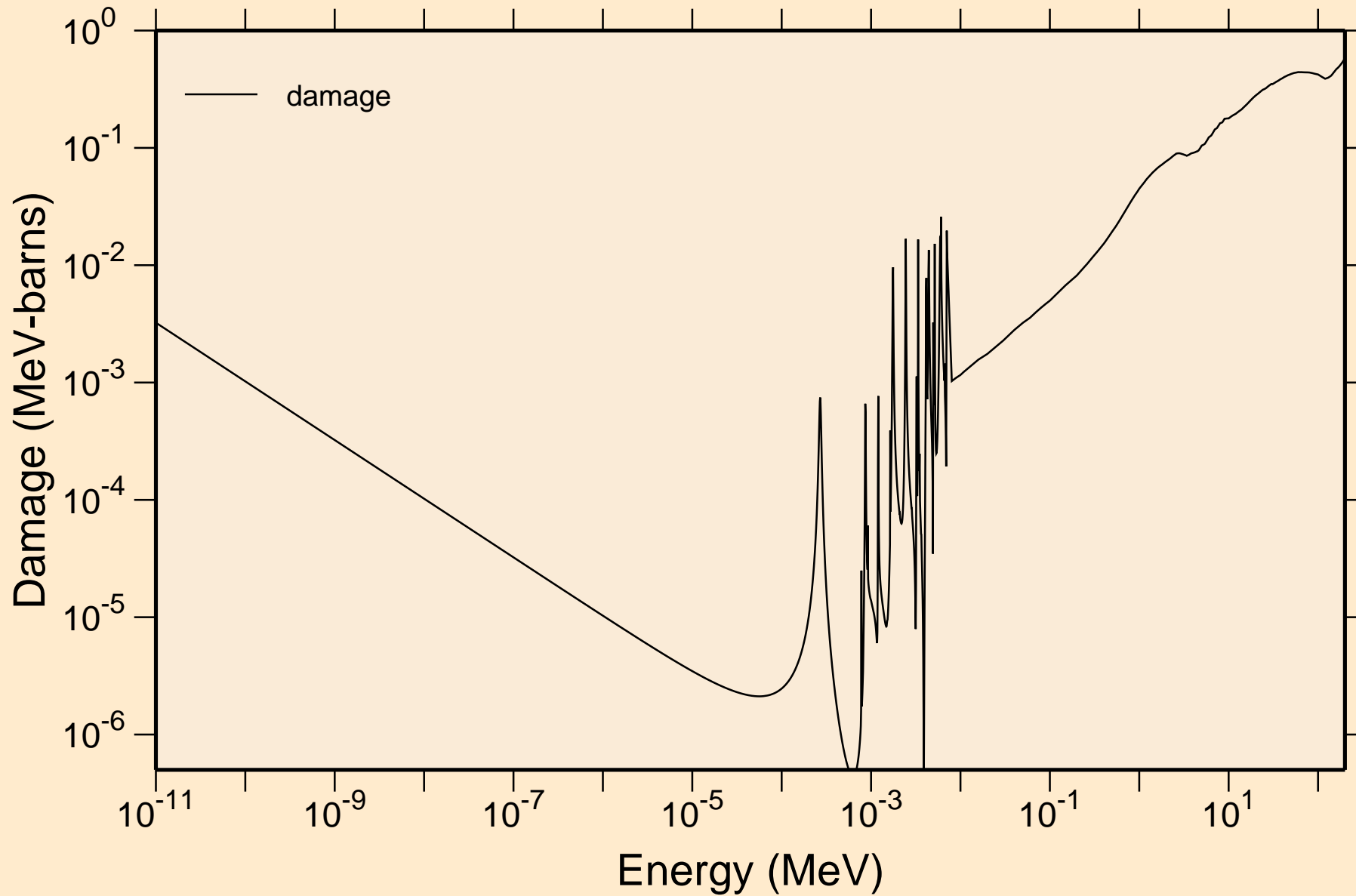
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



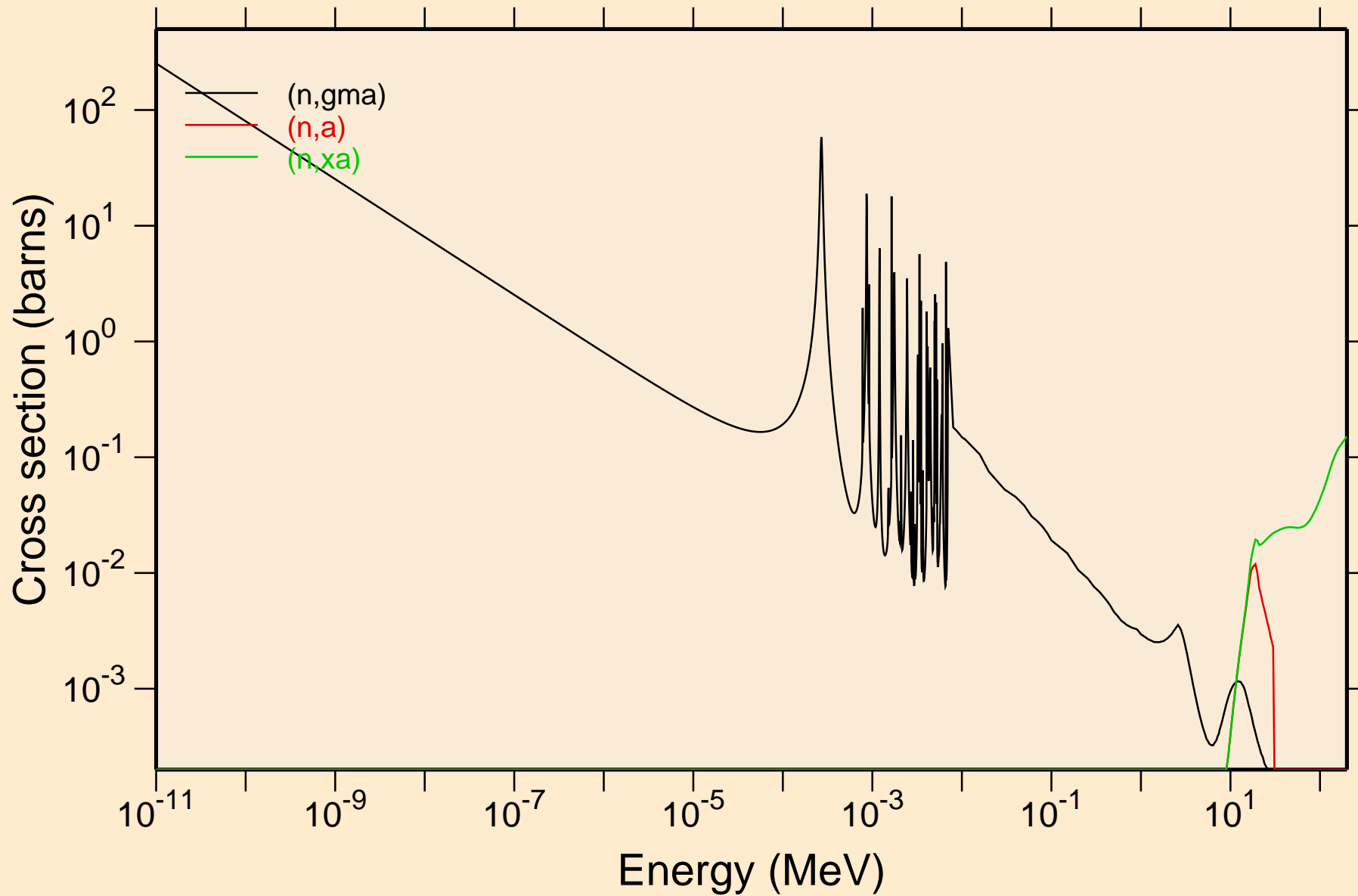
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage

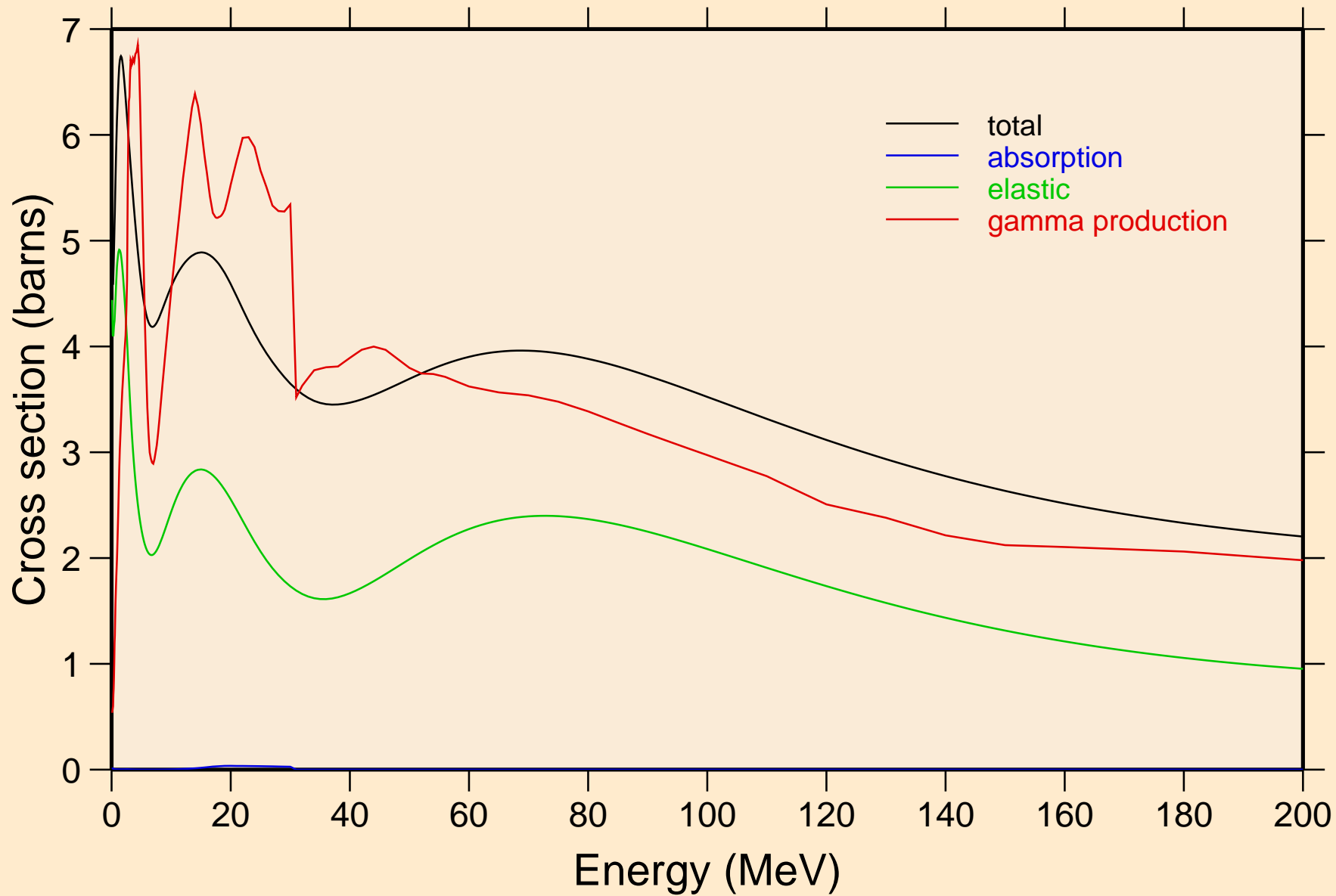


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions

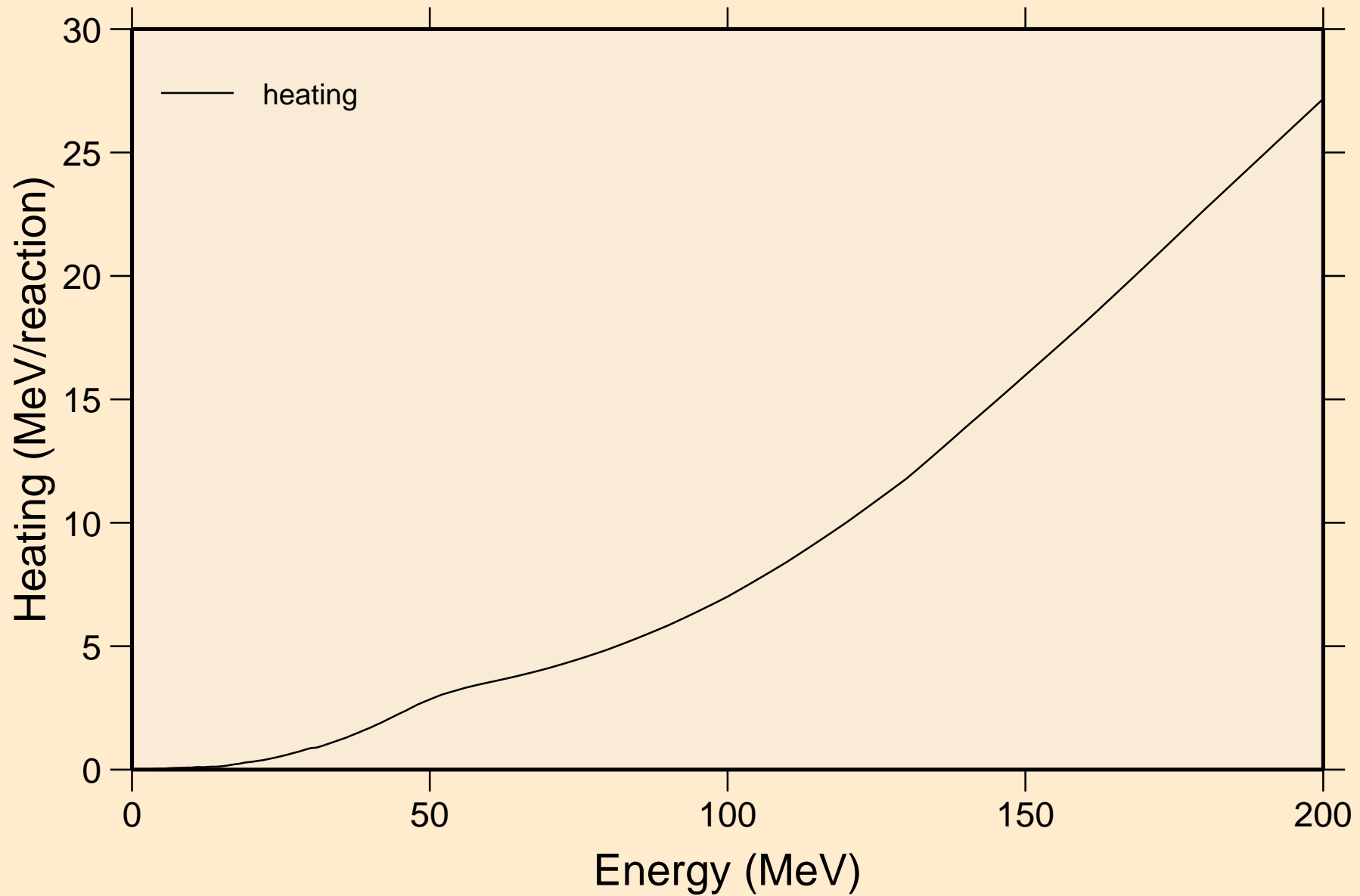


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

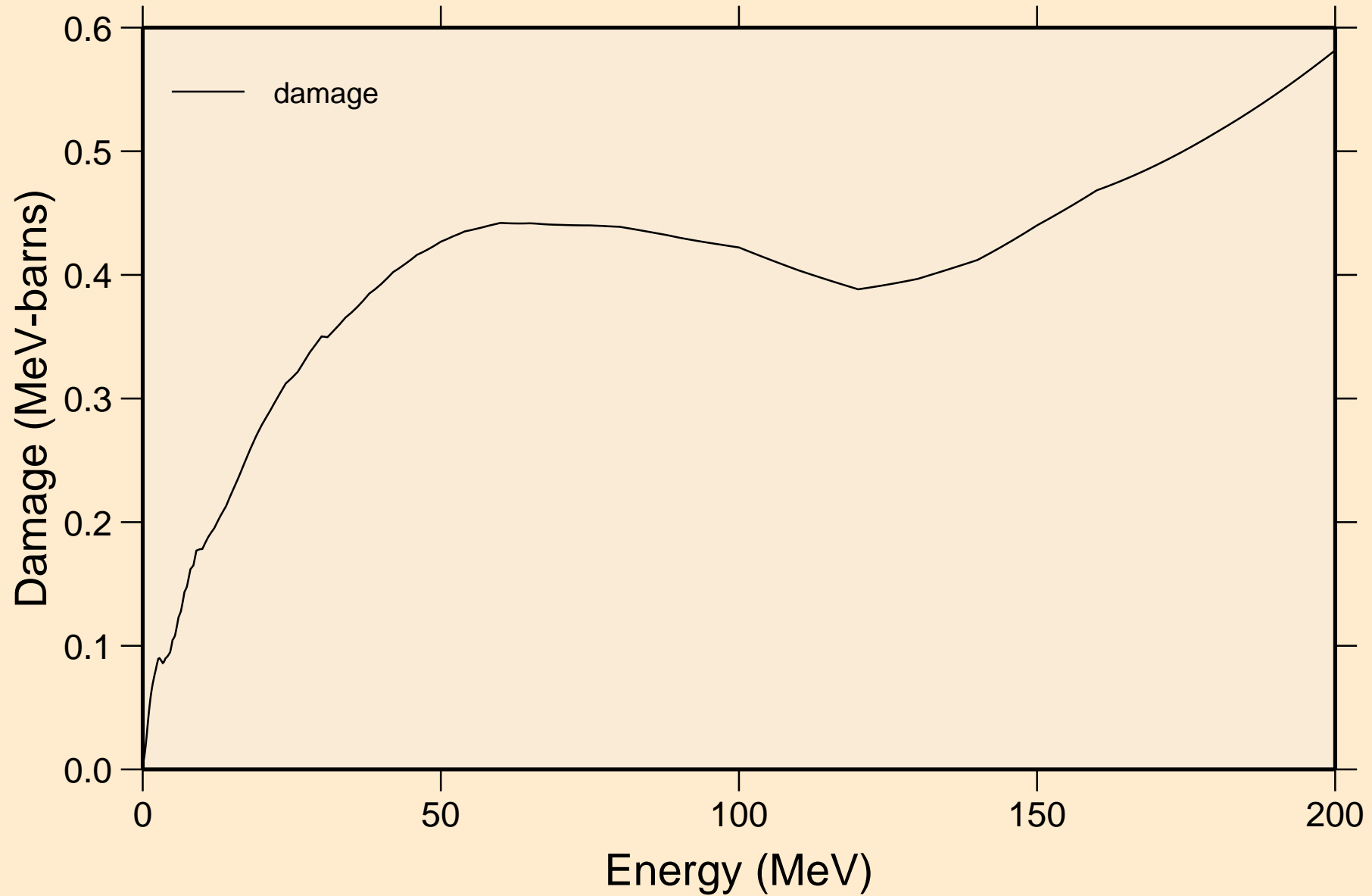
Principal cross sections



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating

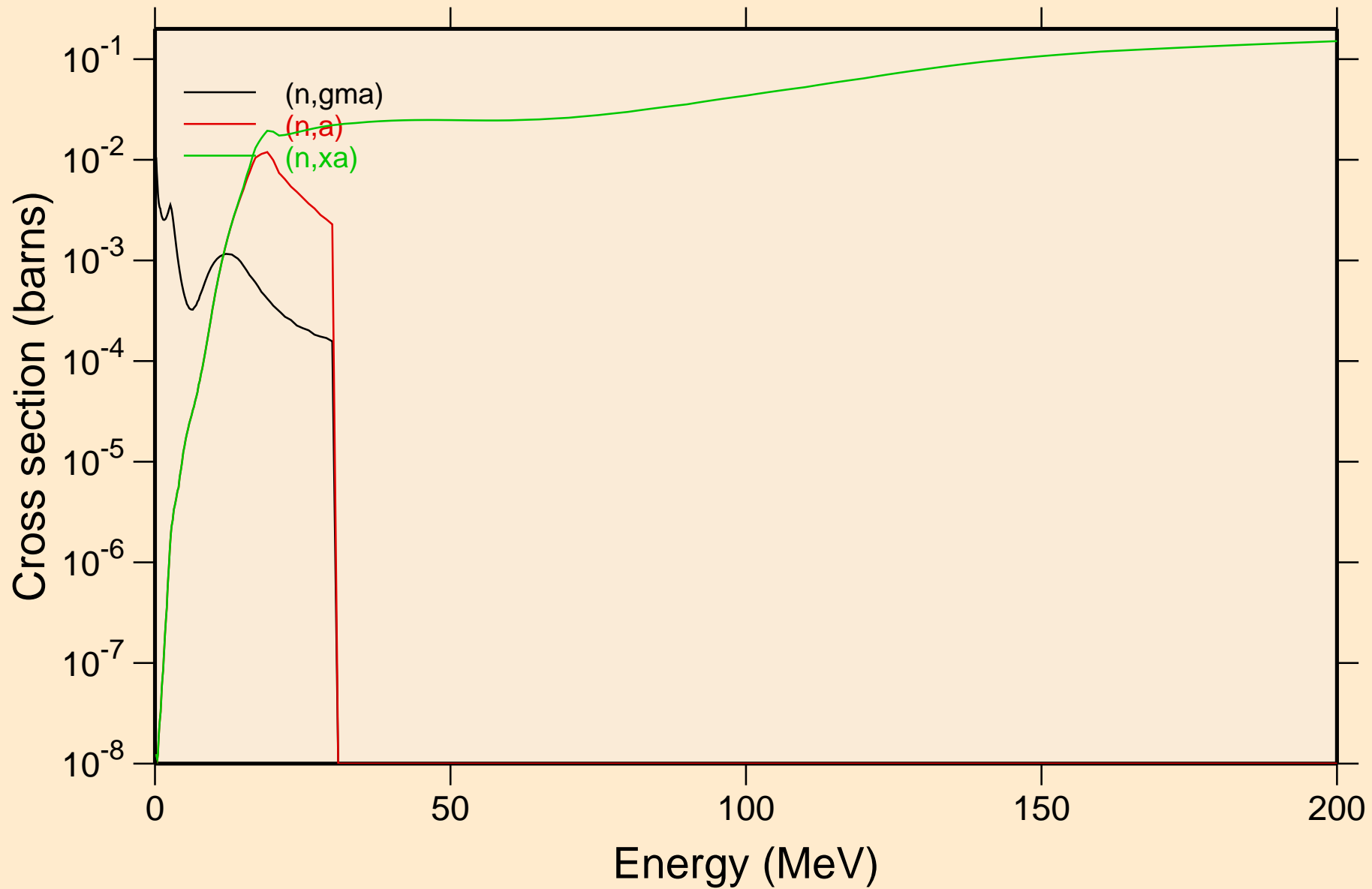


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage

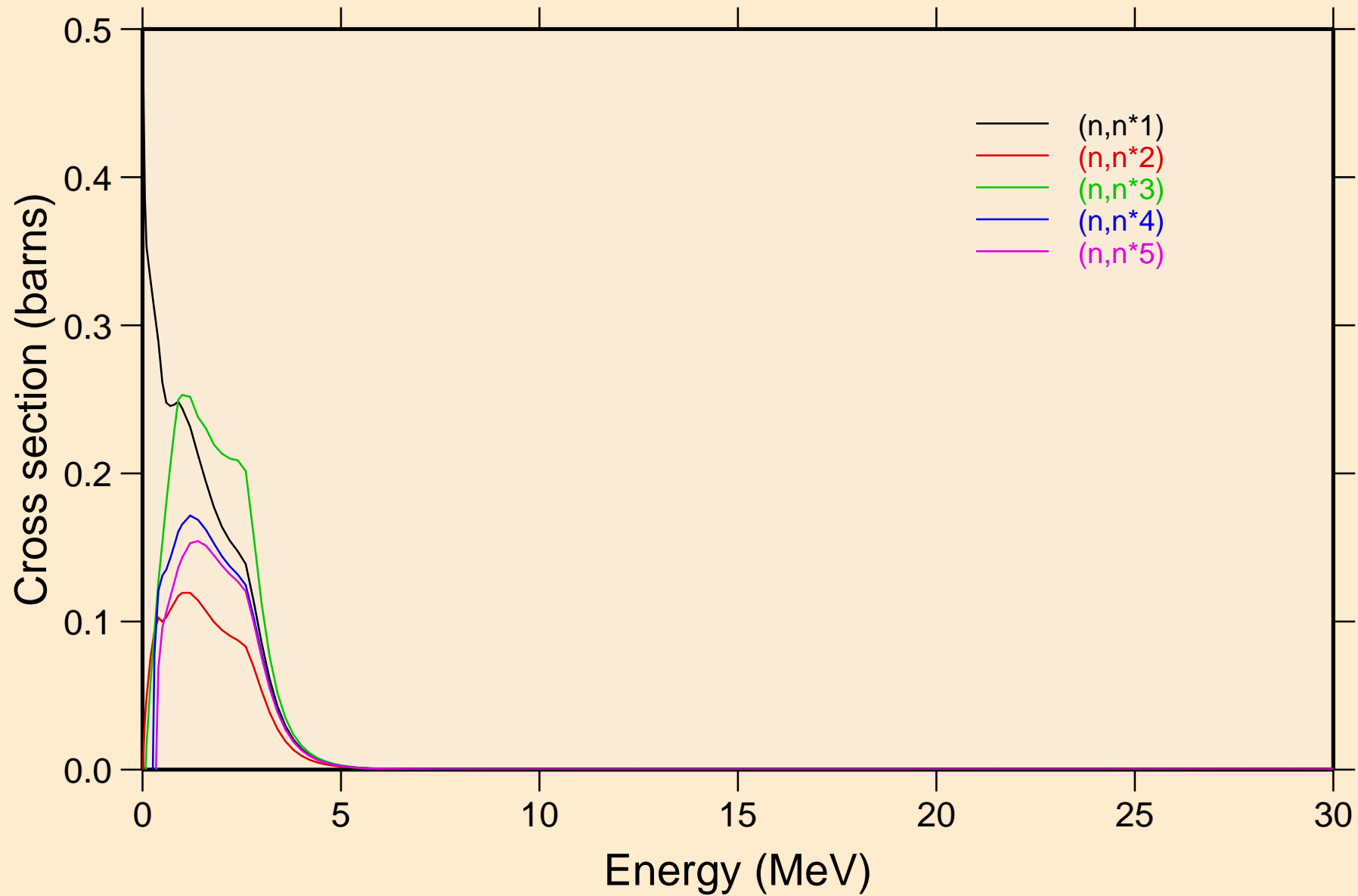


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

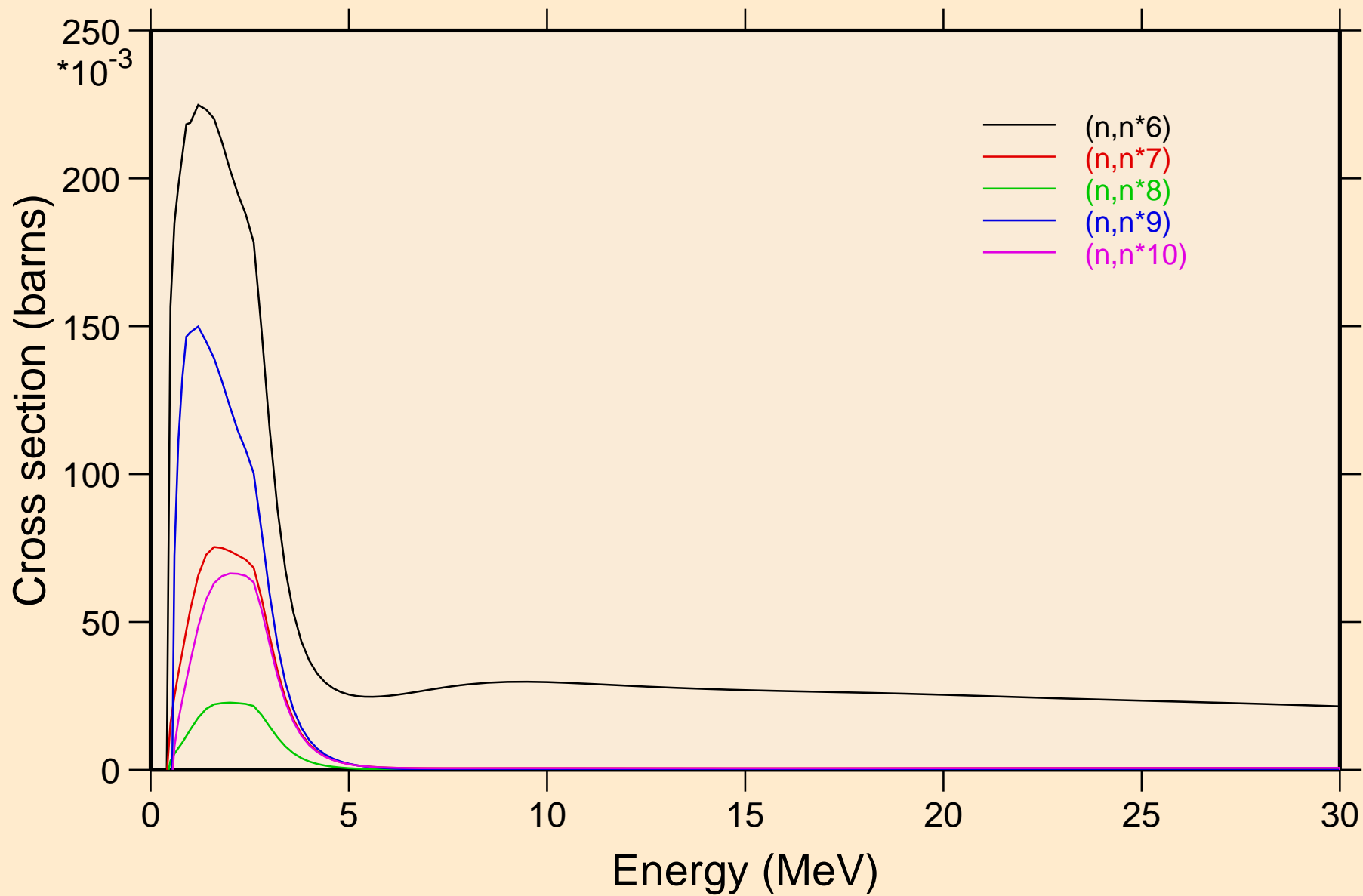
Non-threshold reactions



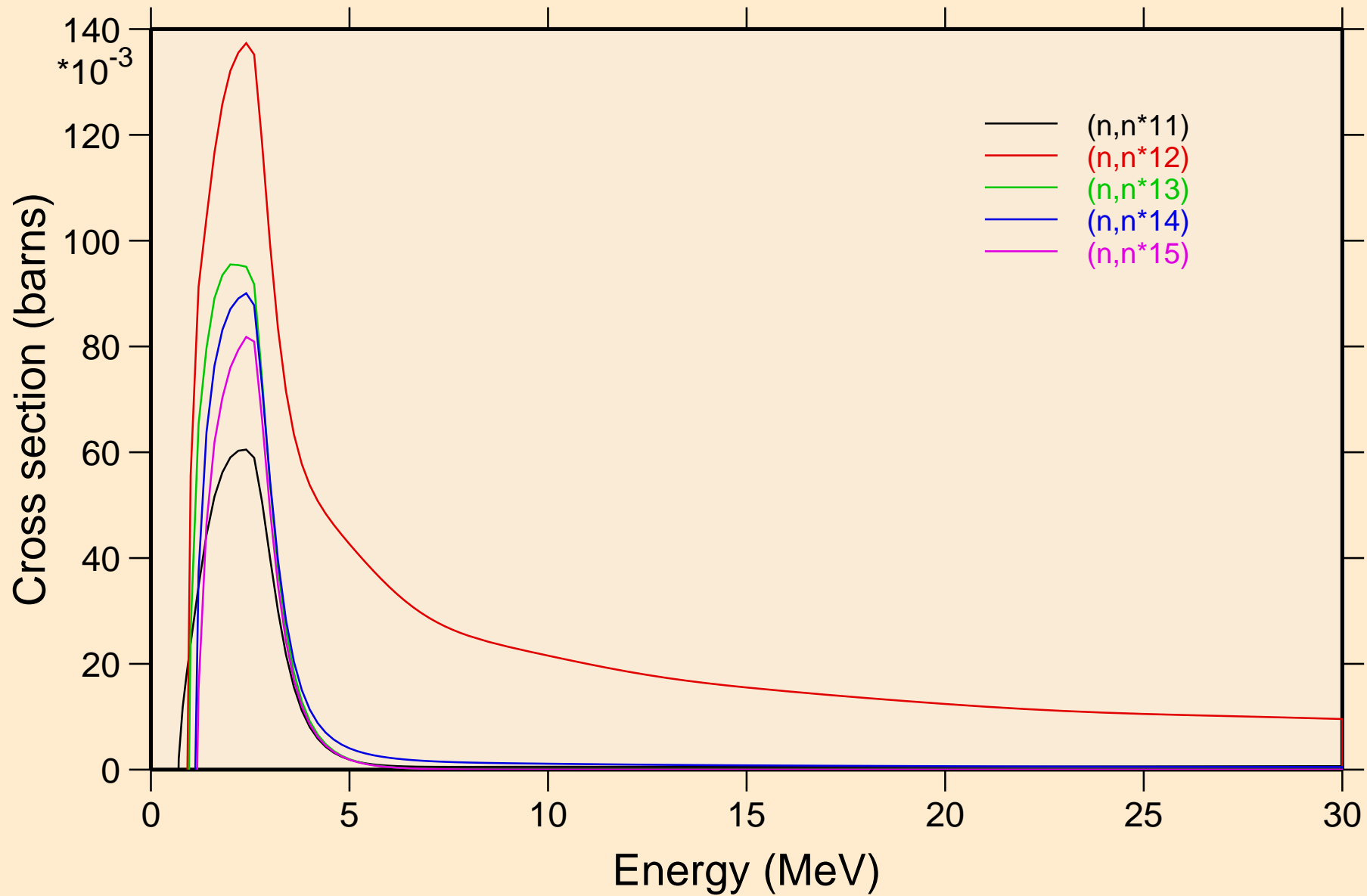
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



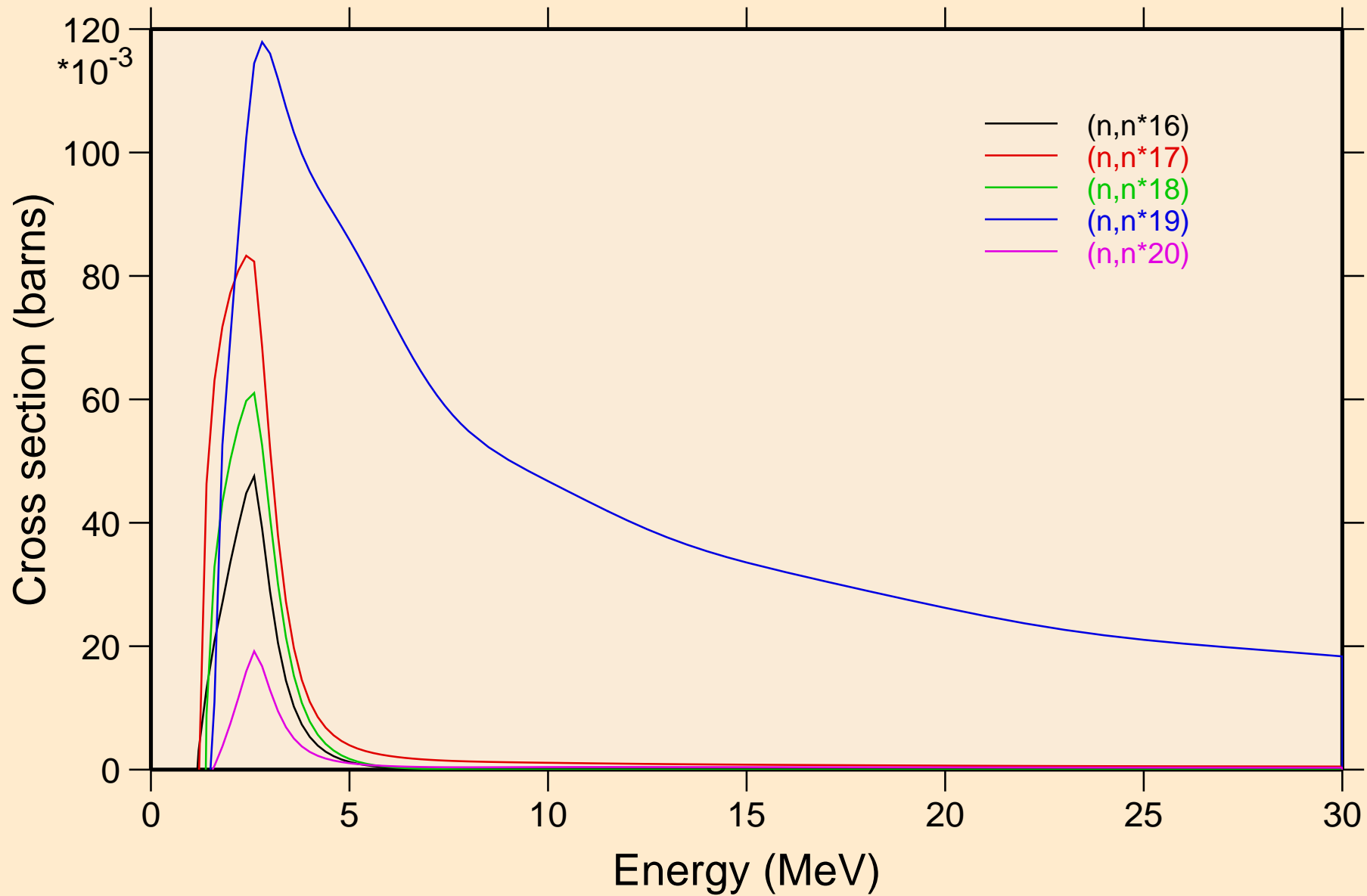
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



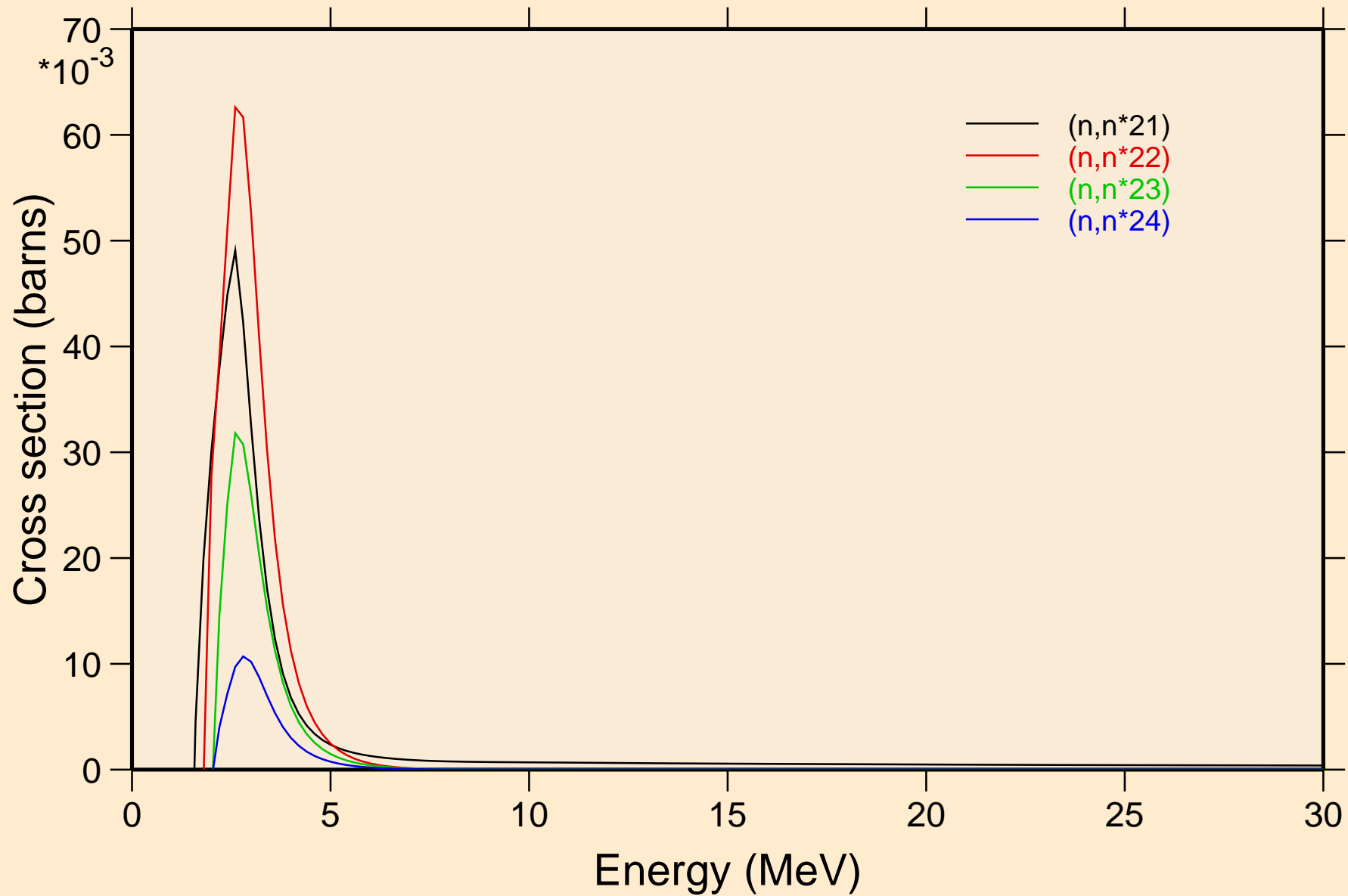
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



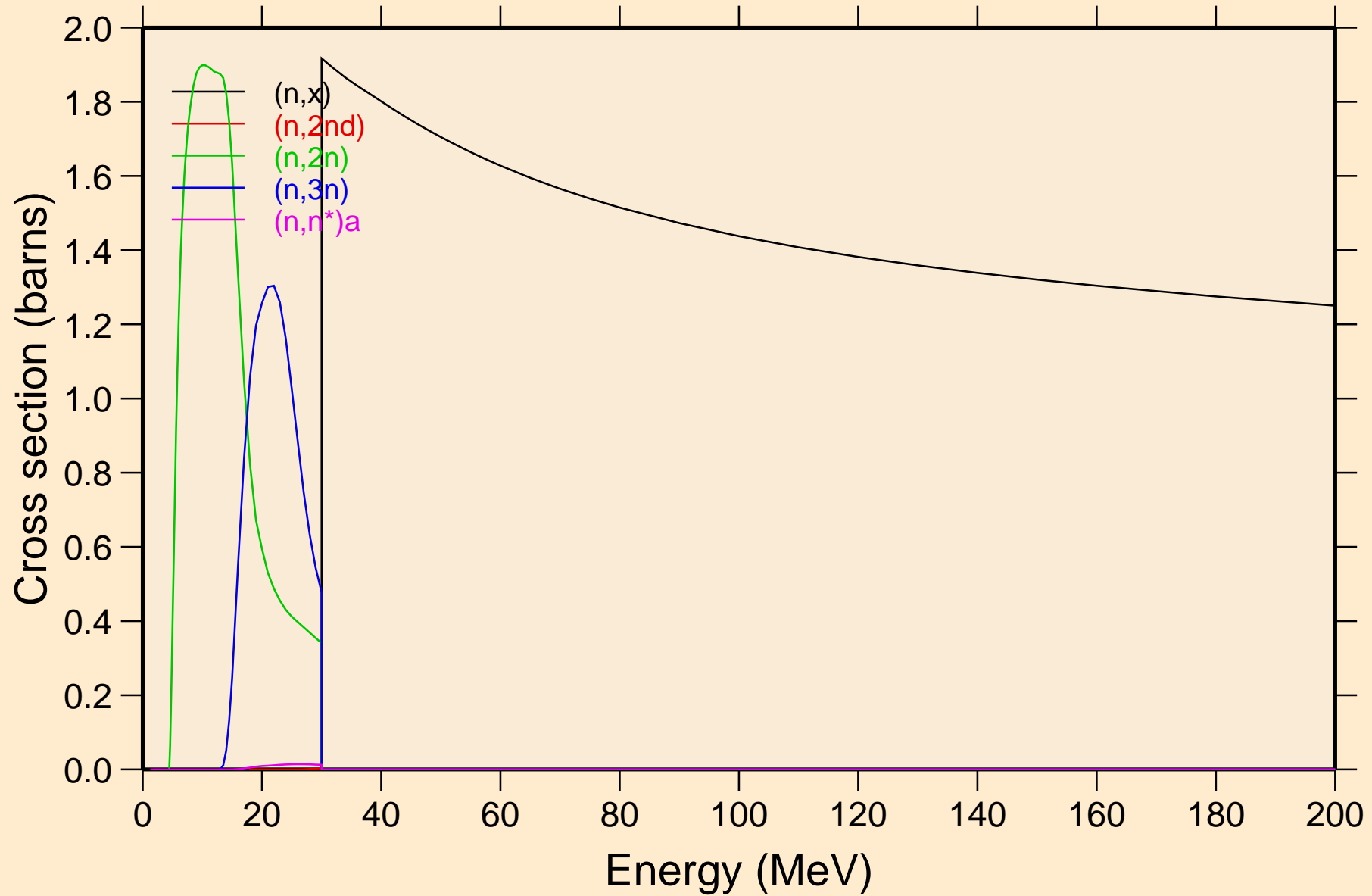
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels

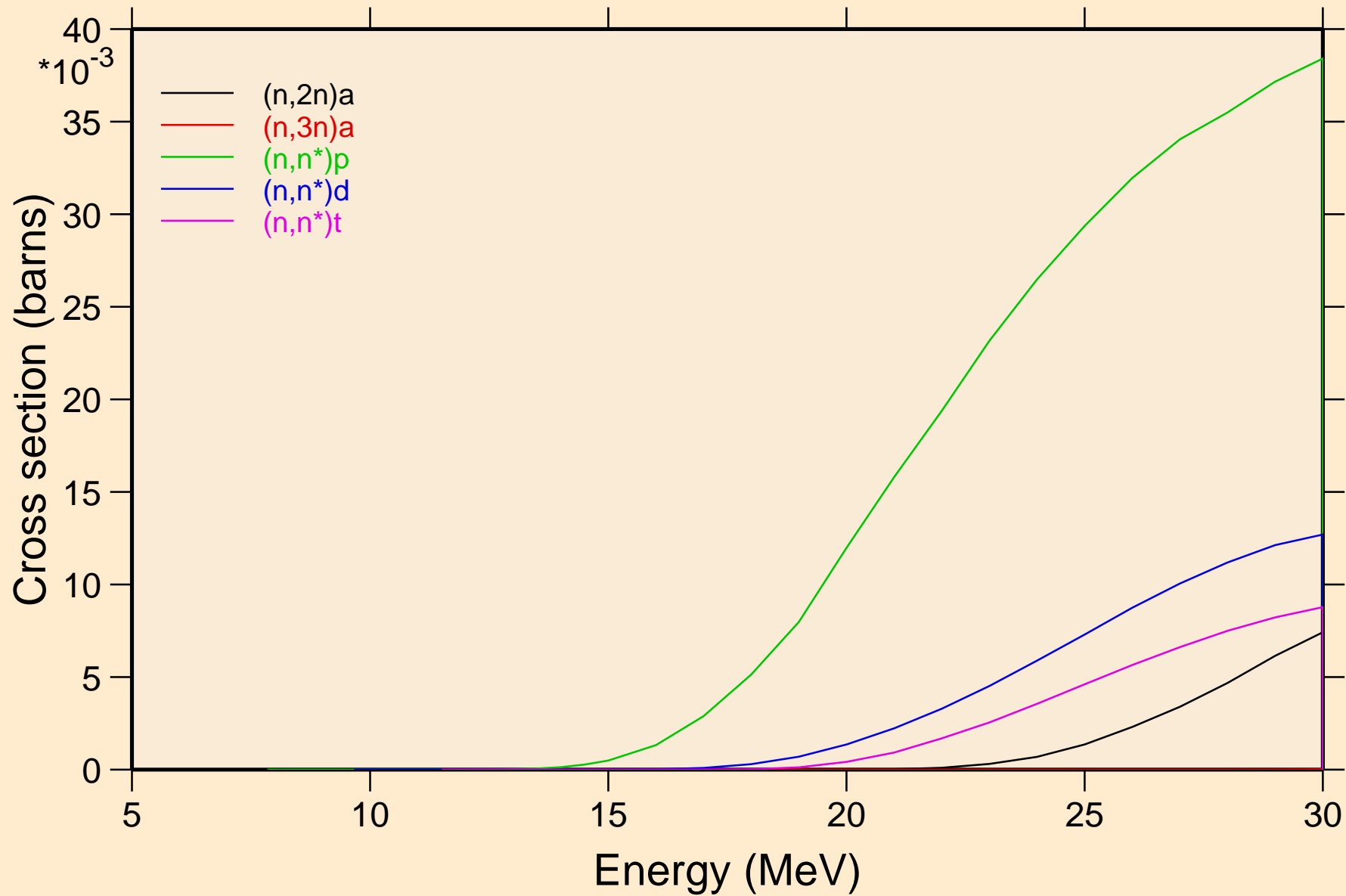


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

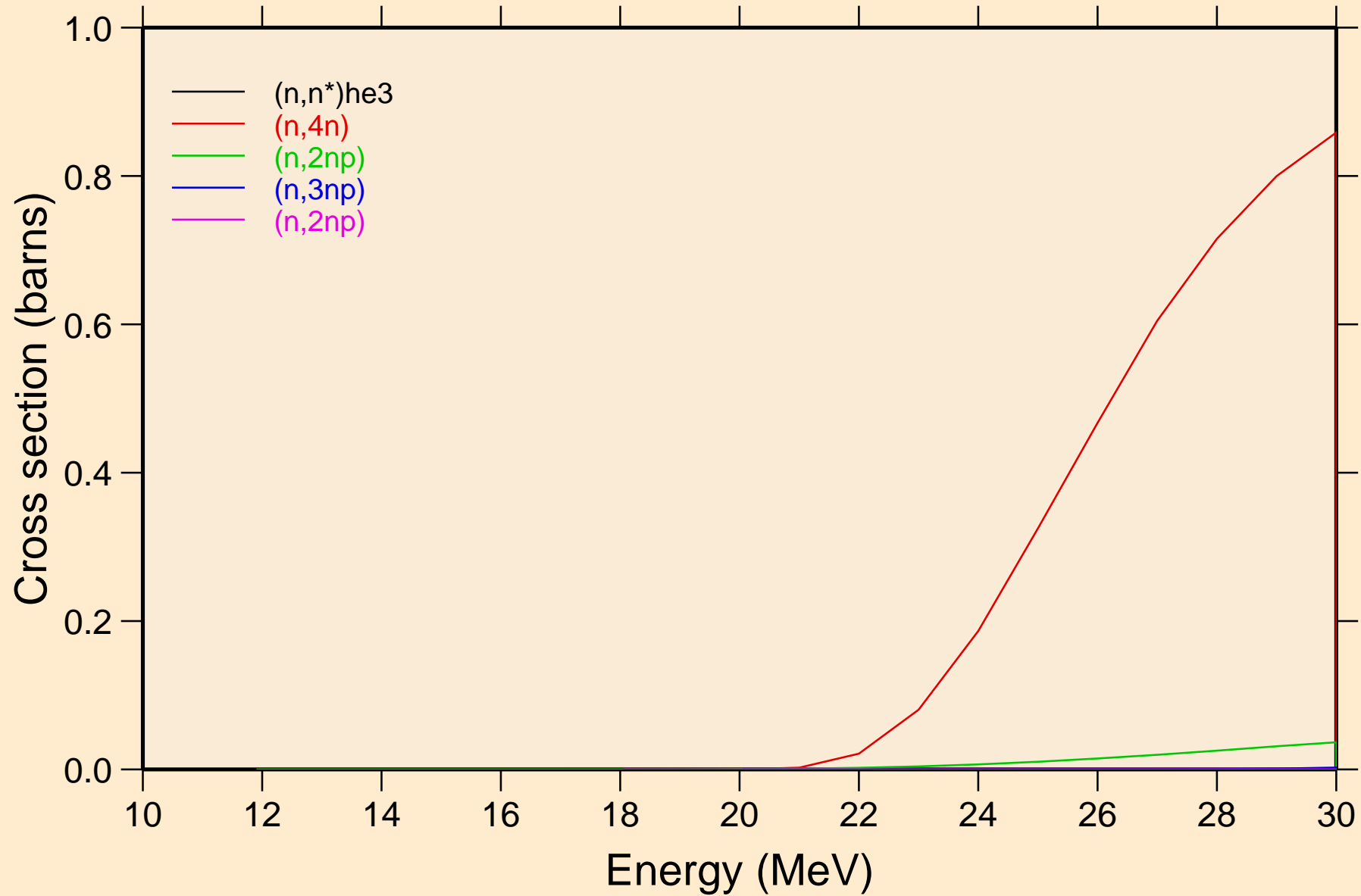


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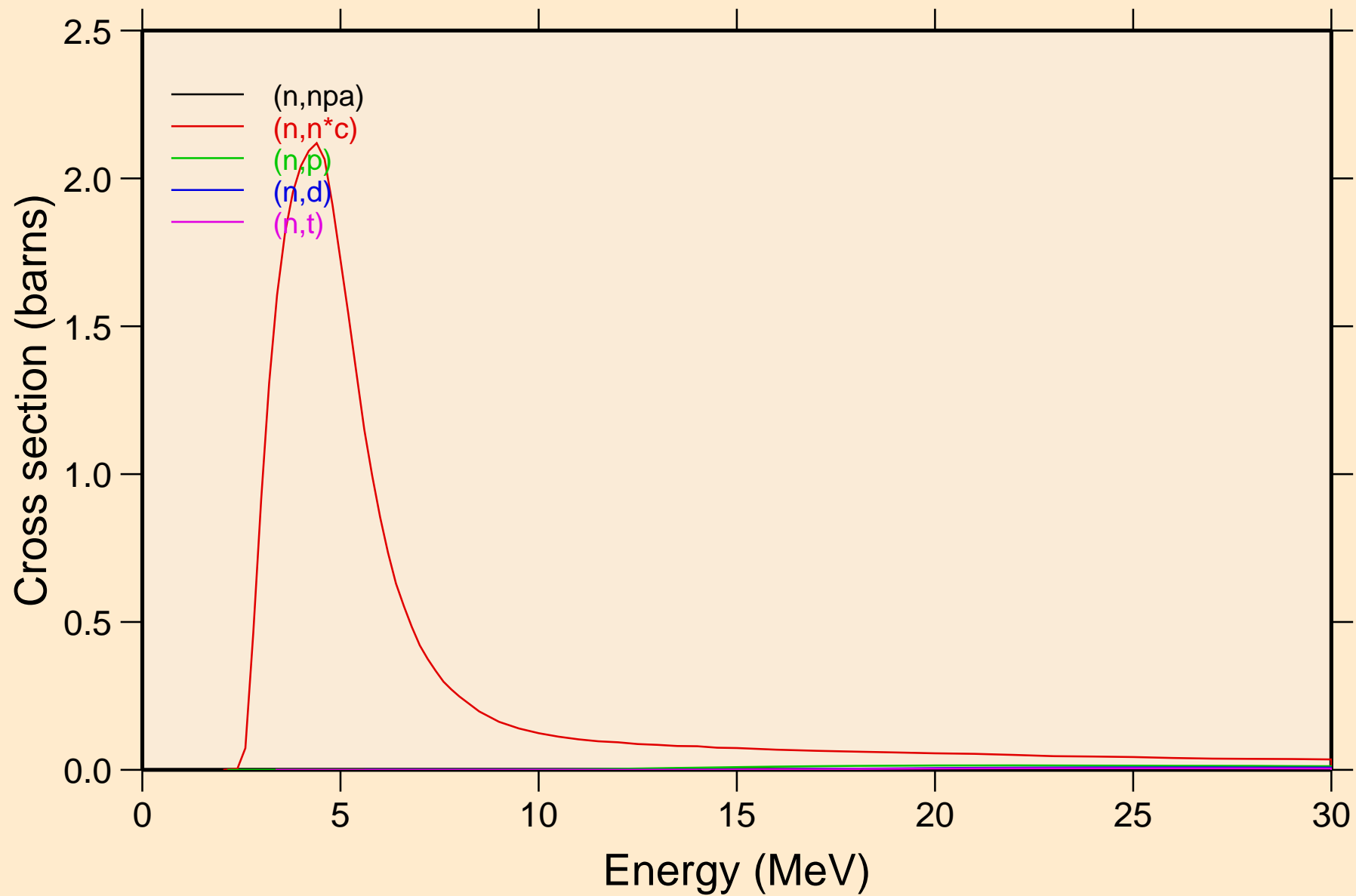
Threshold reactions



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

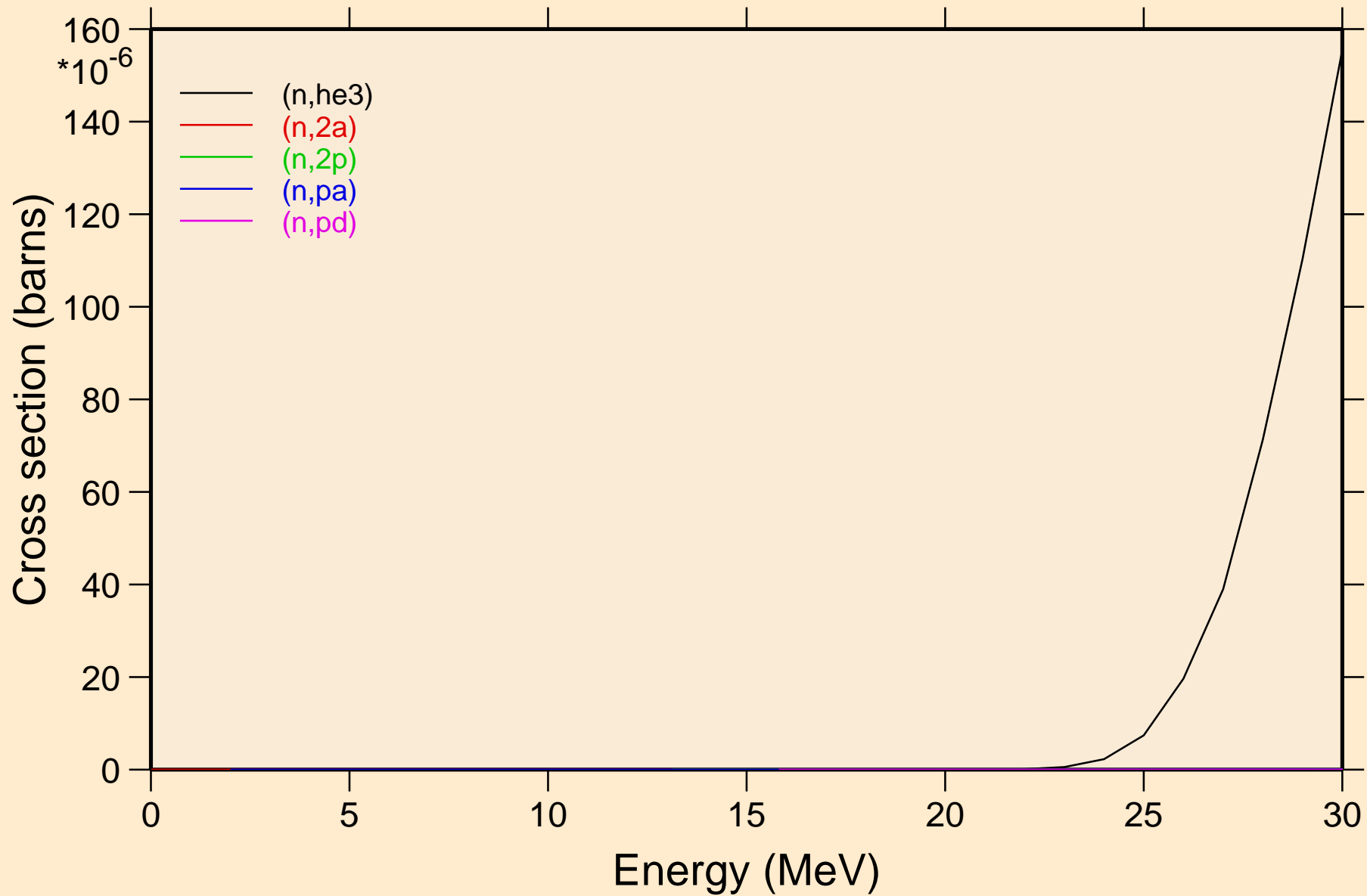


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

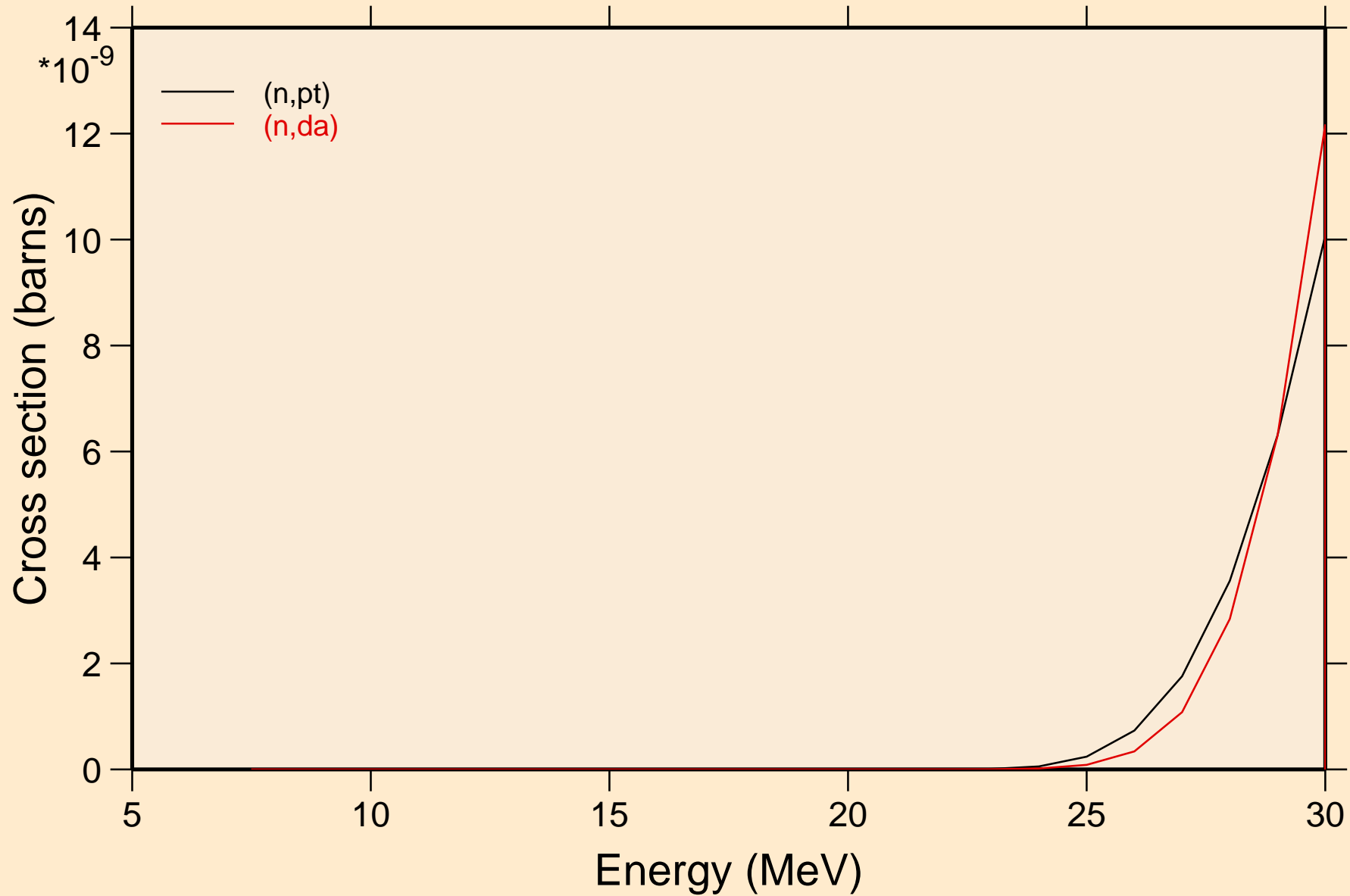


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions

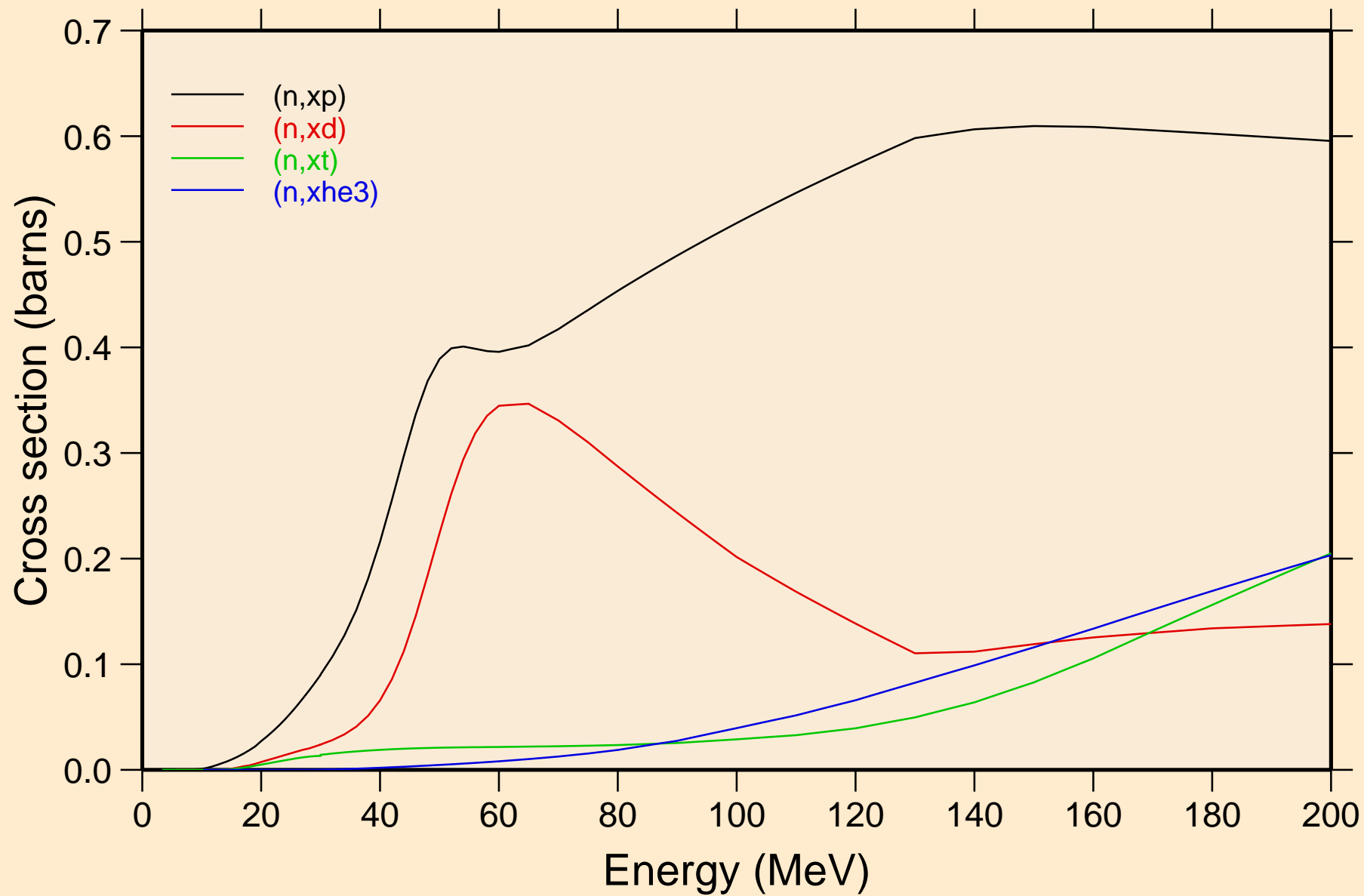


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

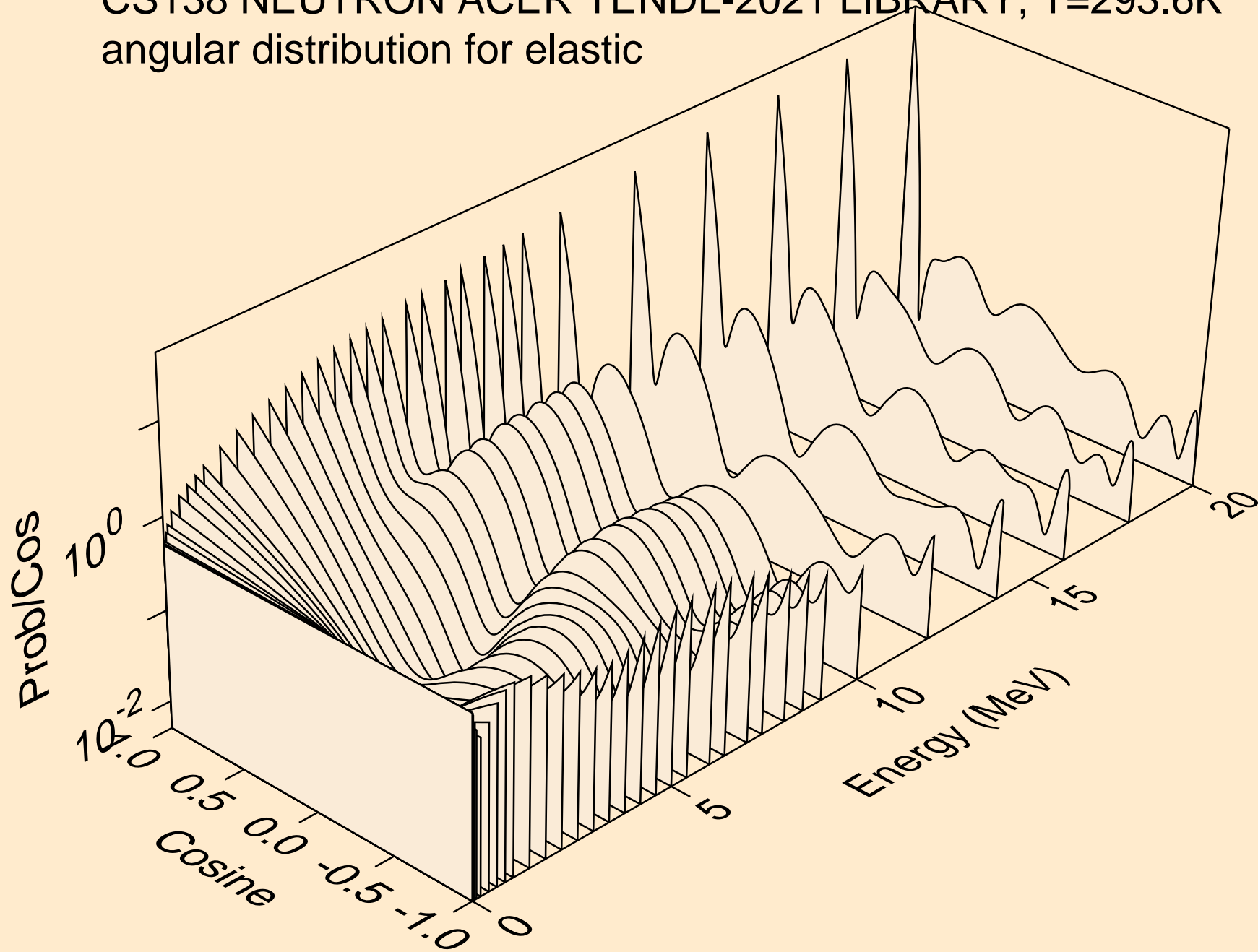


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

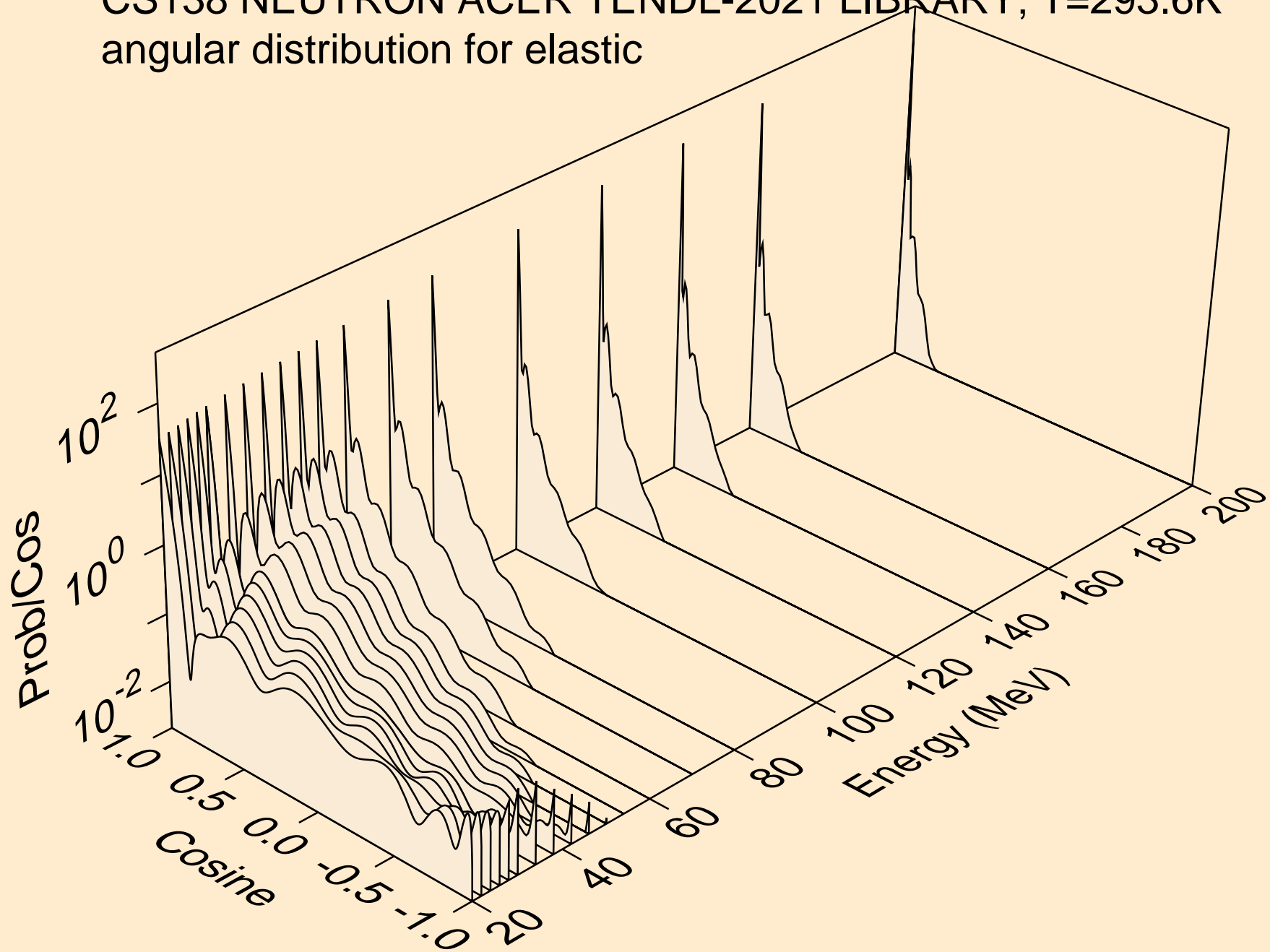
Threshold reactions



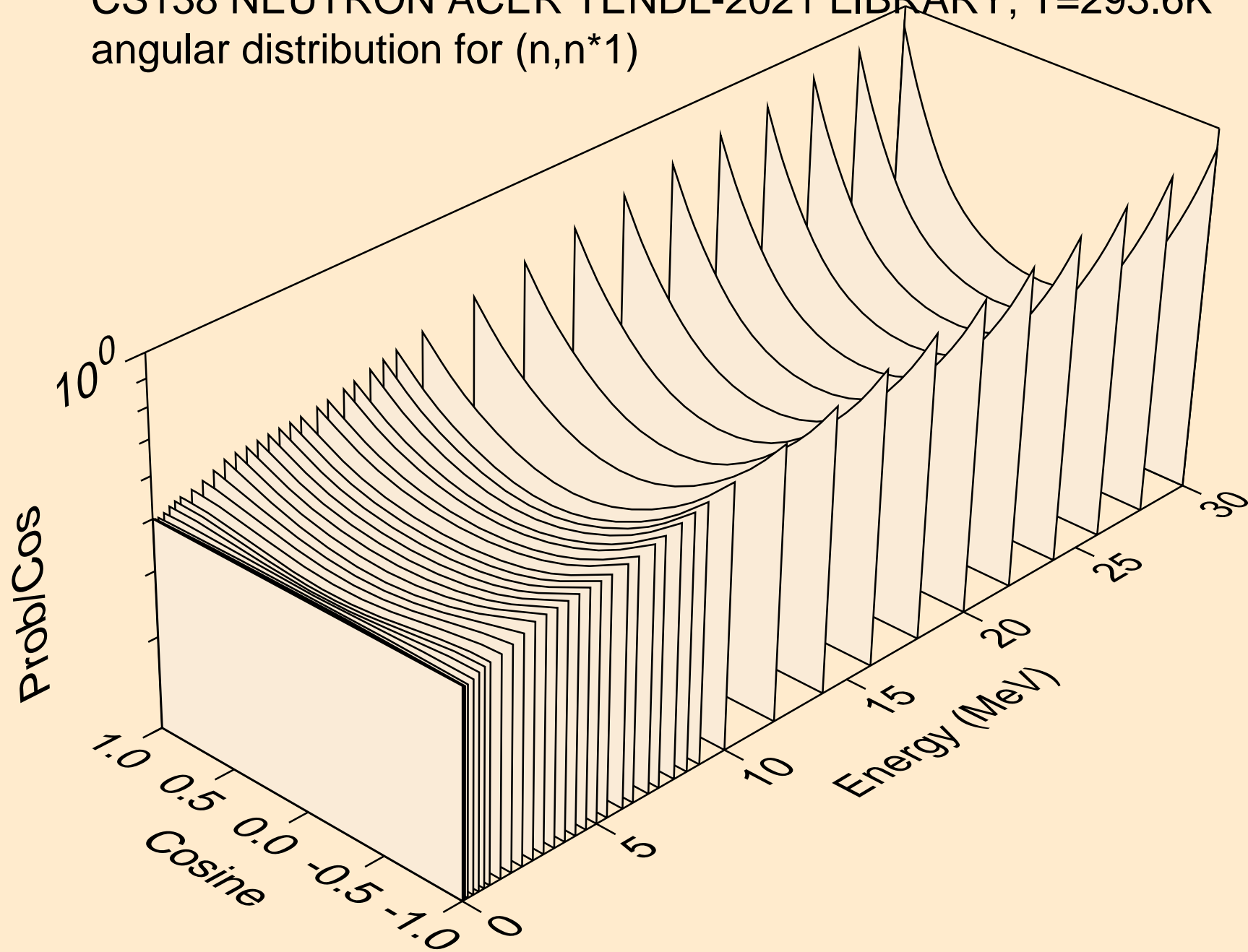
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



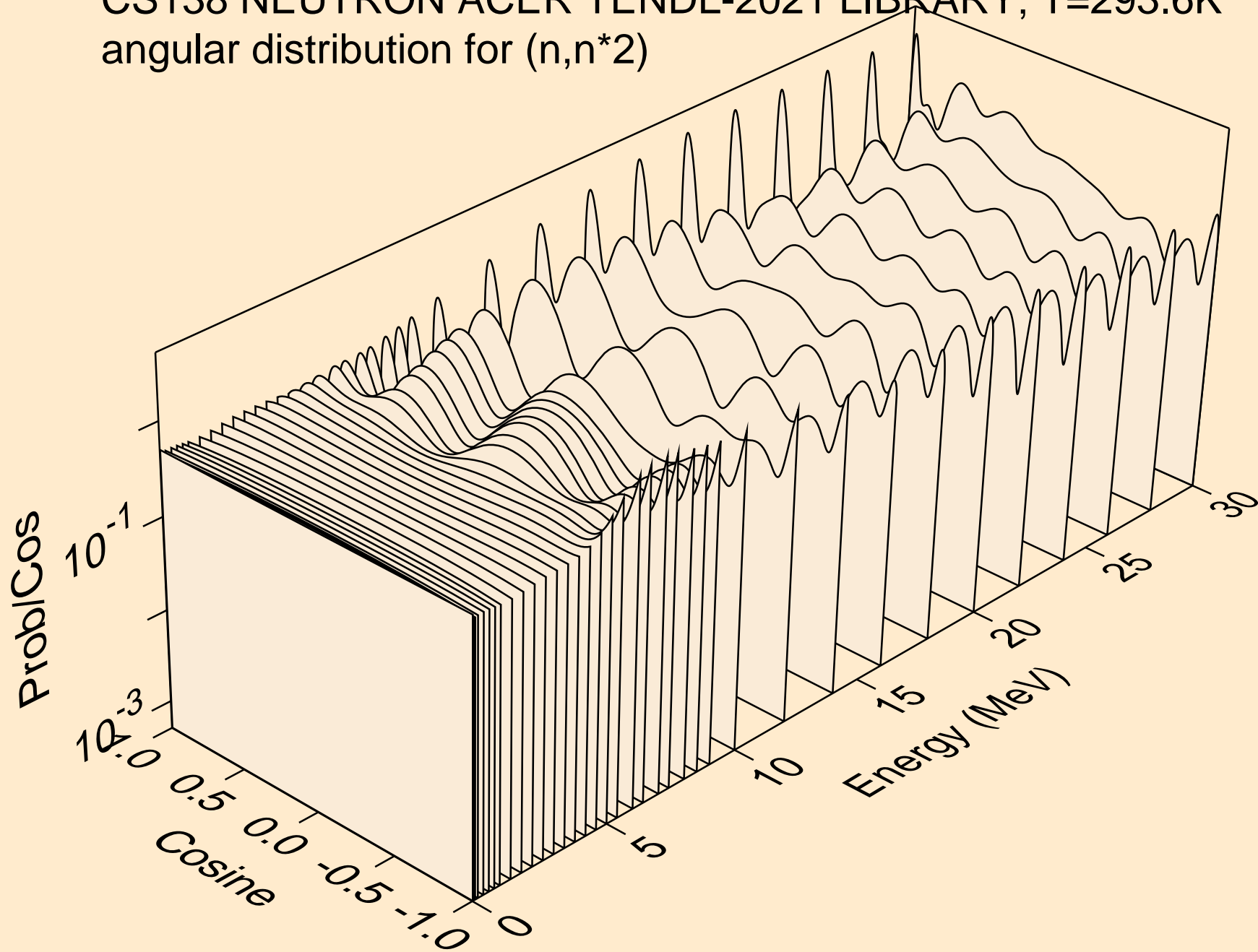
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



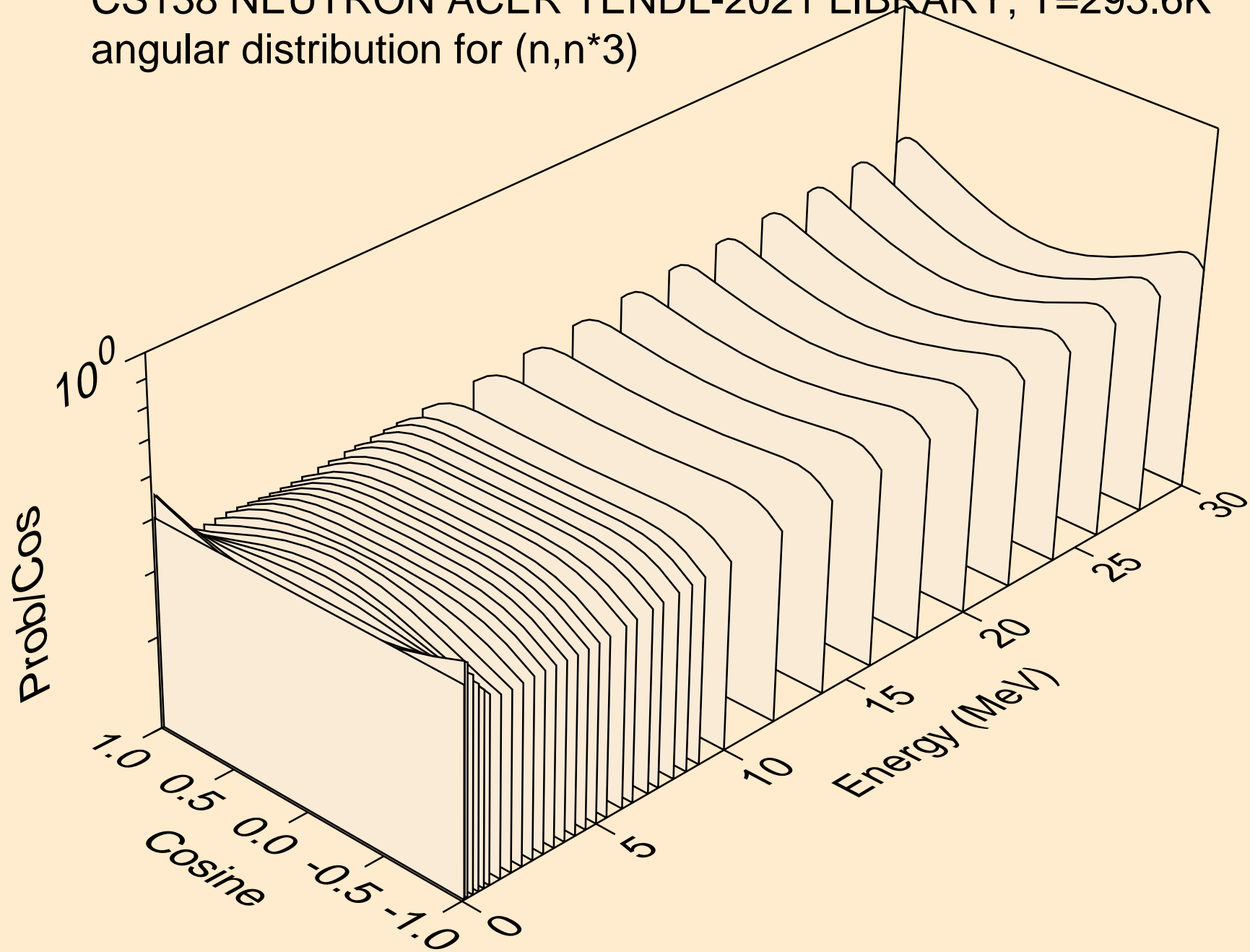
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*1)



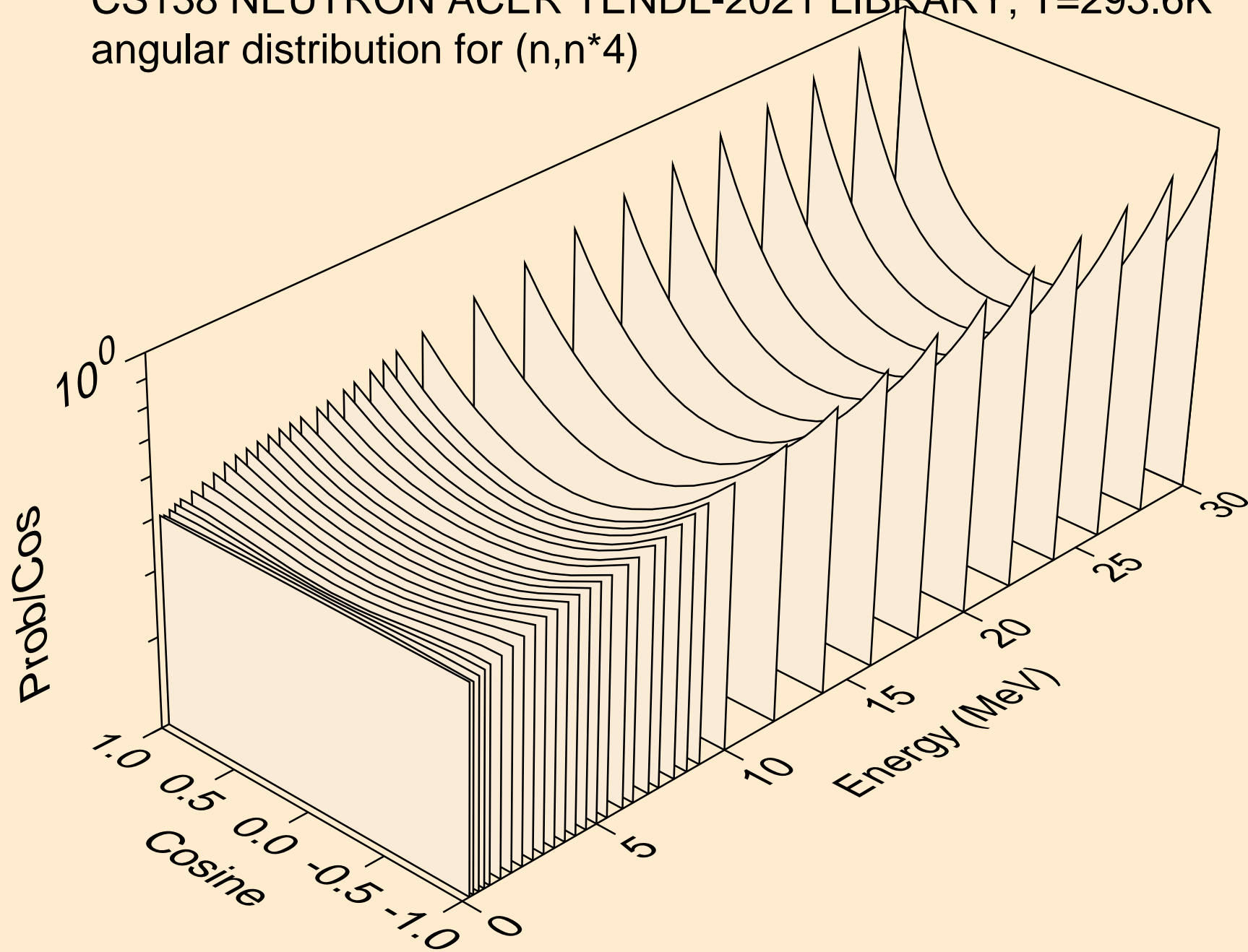
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angular distribution for (n,n*2)



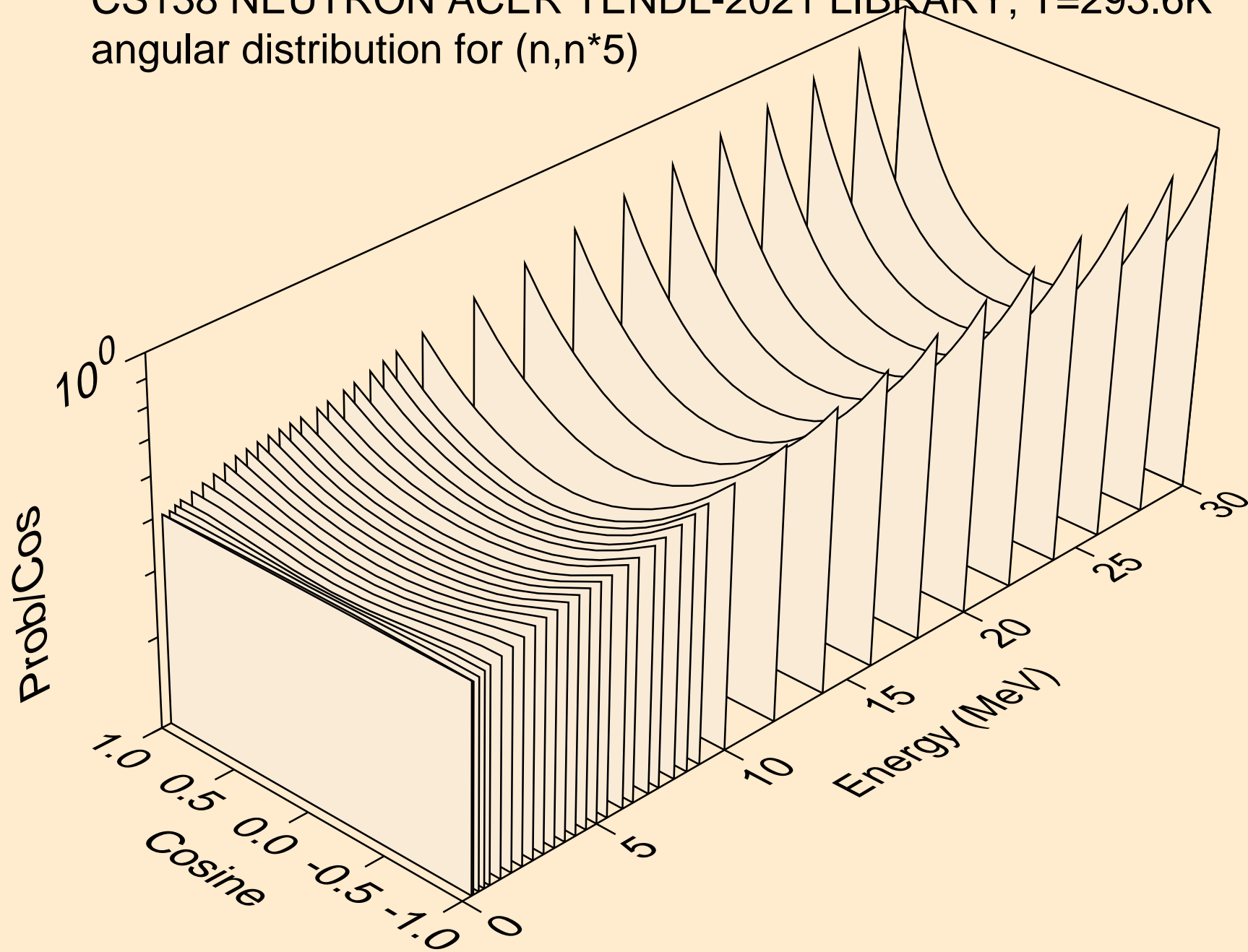
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*3)



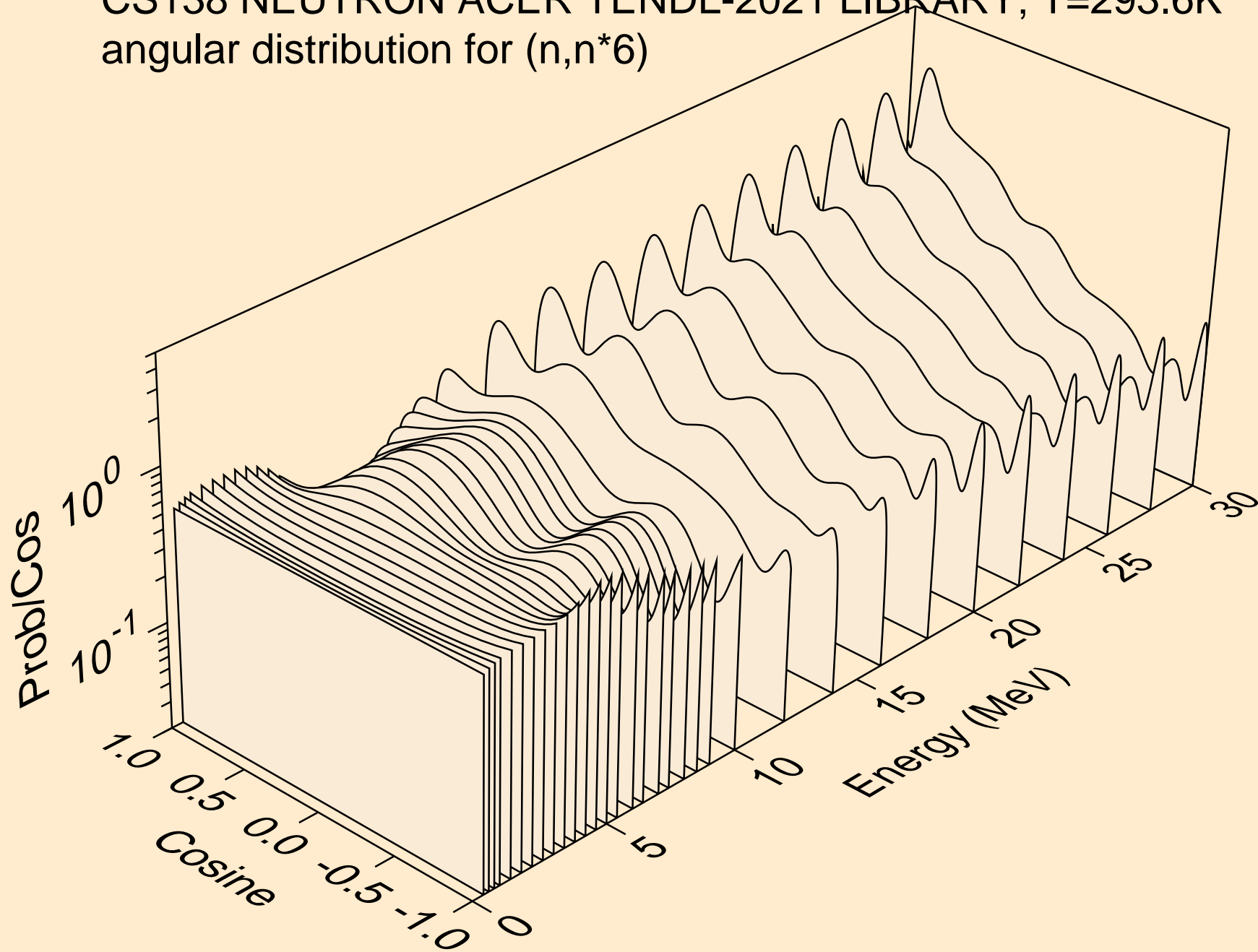
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angular distribution for (n,n*4)



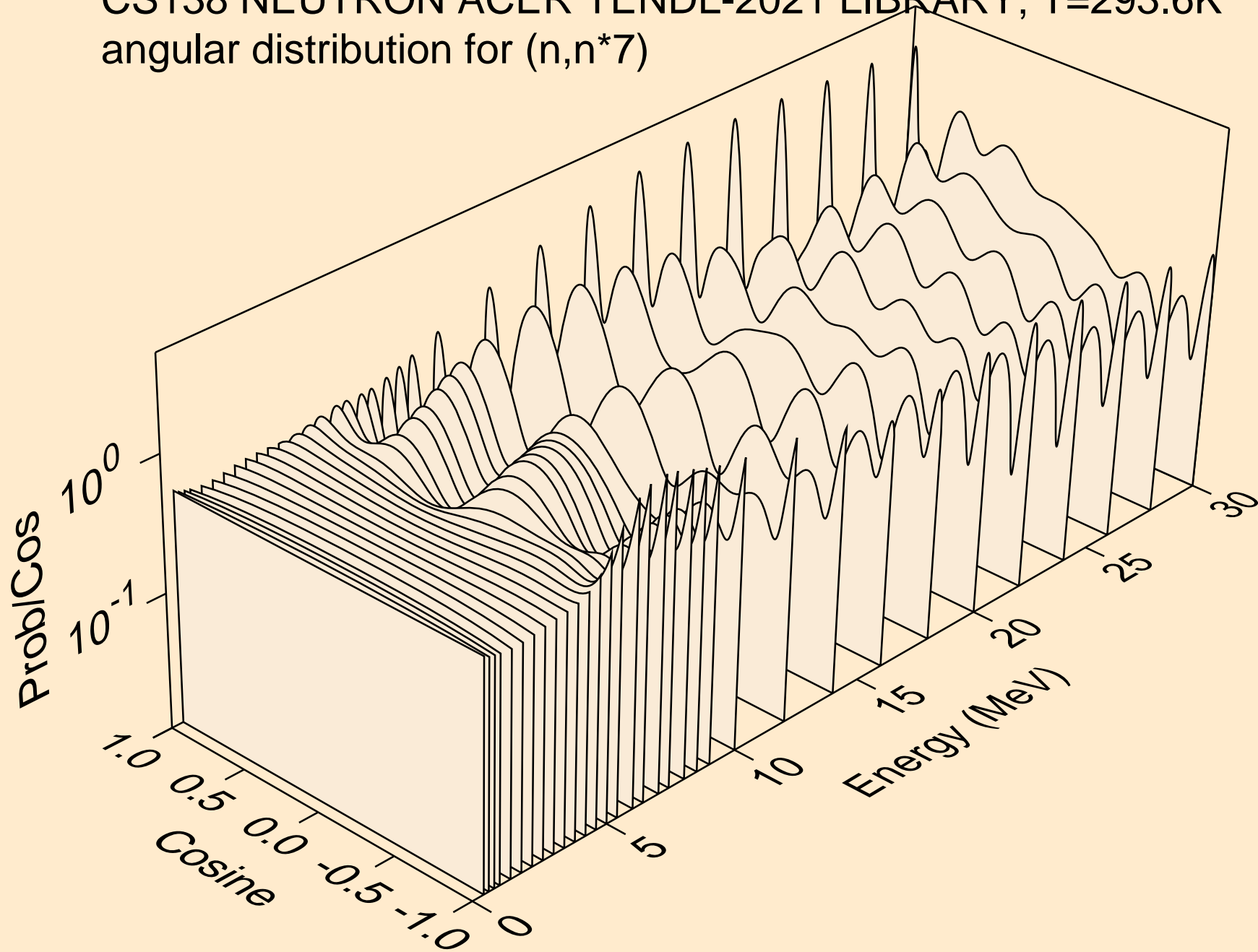
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*5)



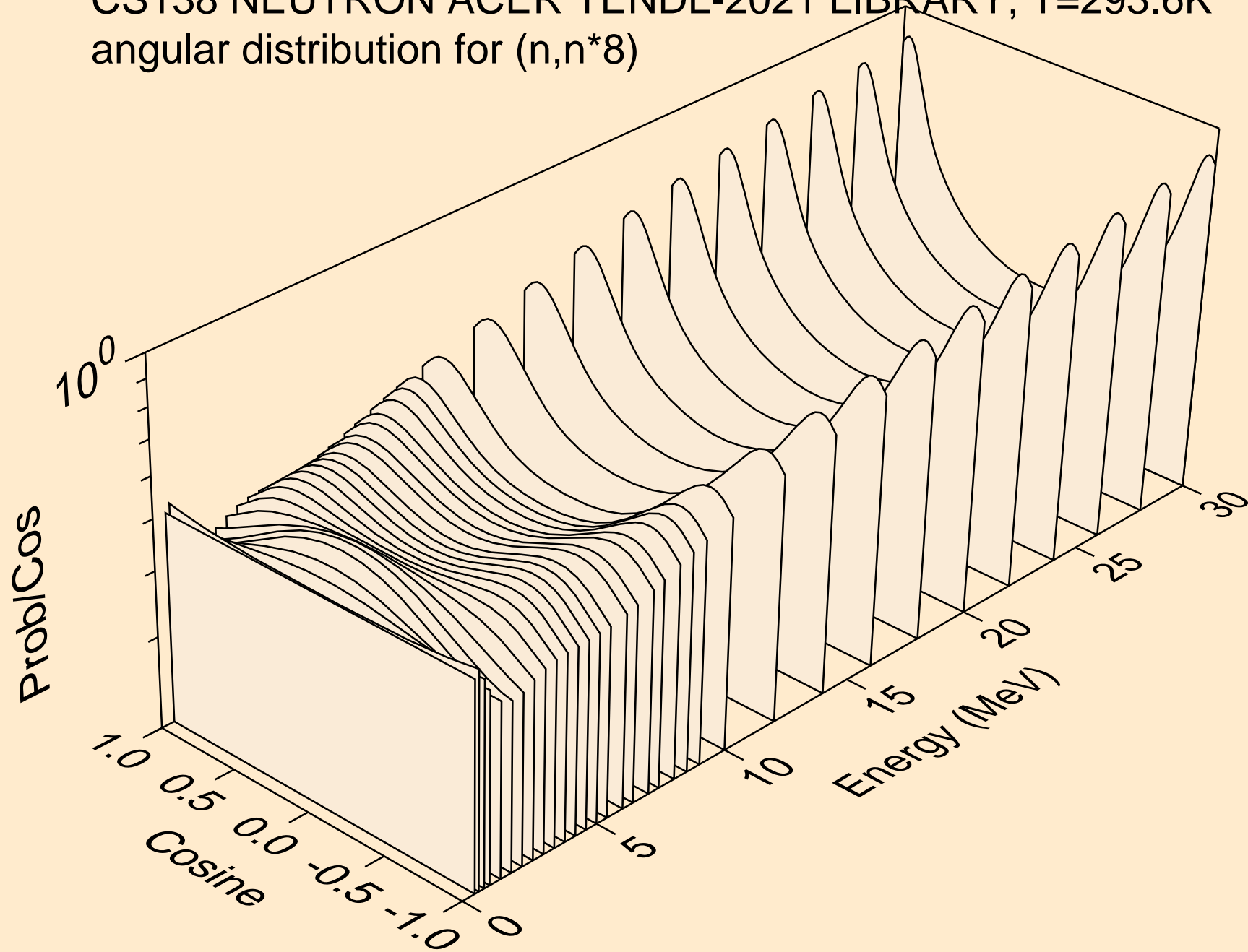
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*6)



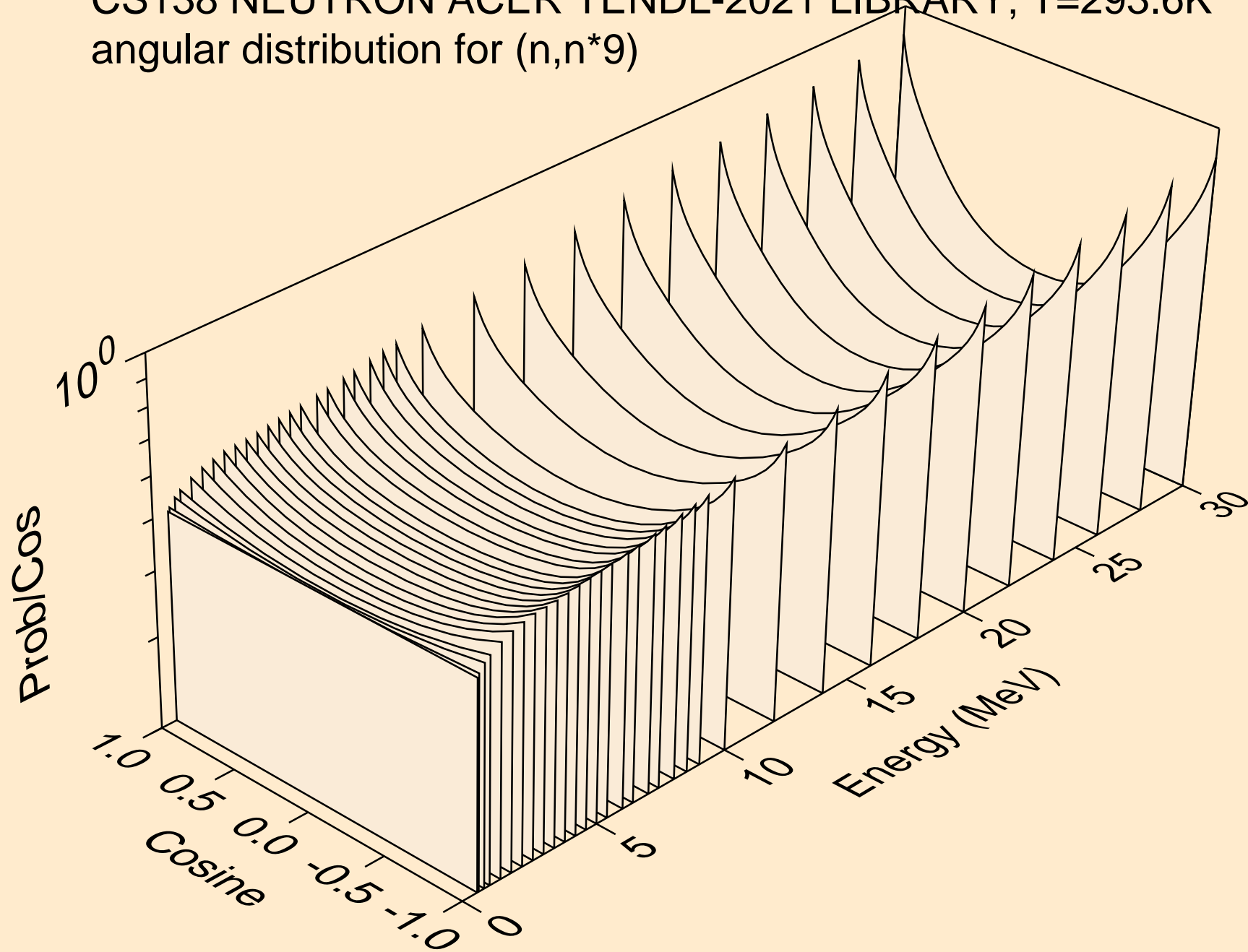
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angular distribution for (n,n*7)



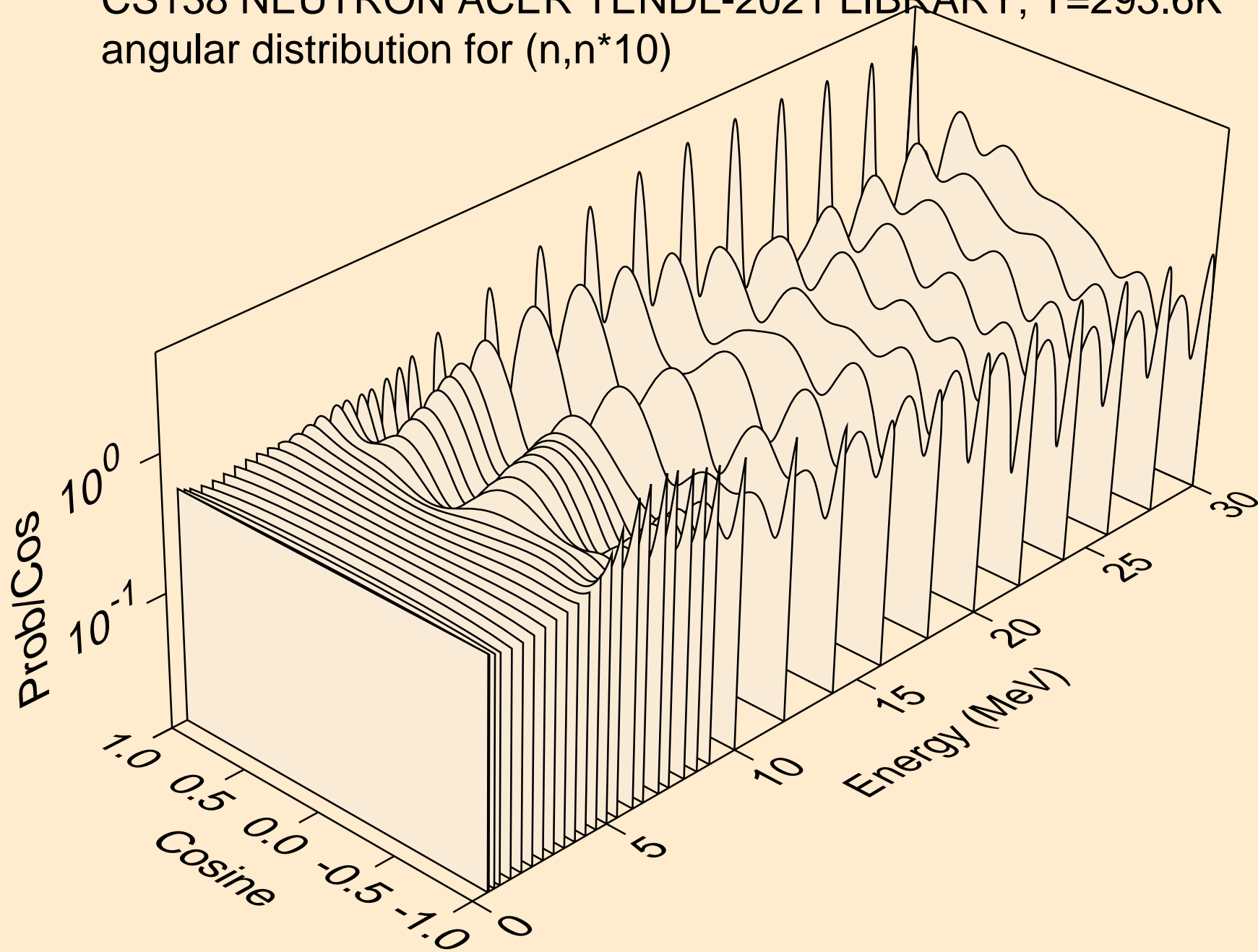
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angular distribution for (n,n*8)



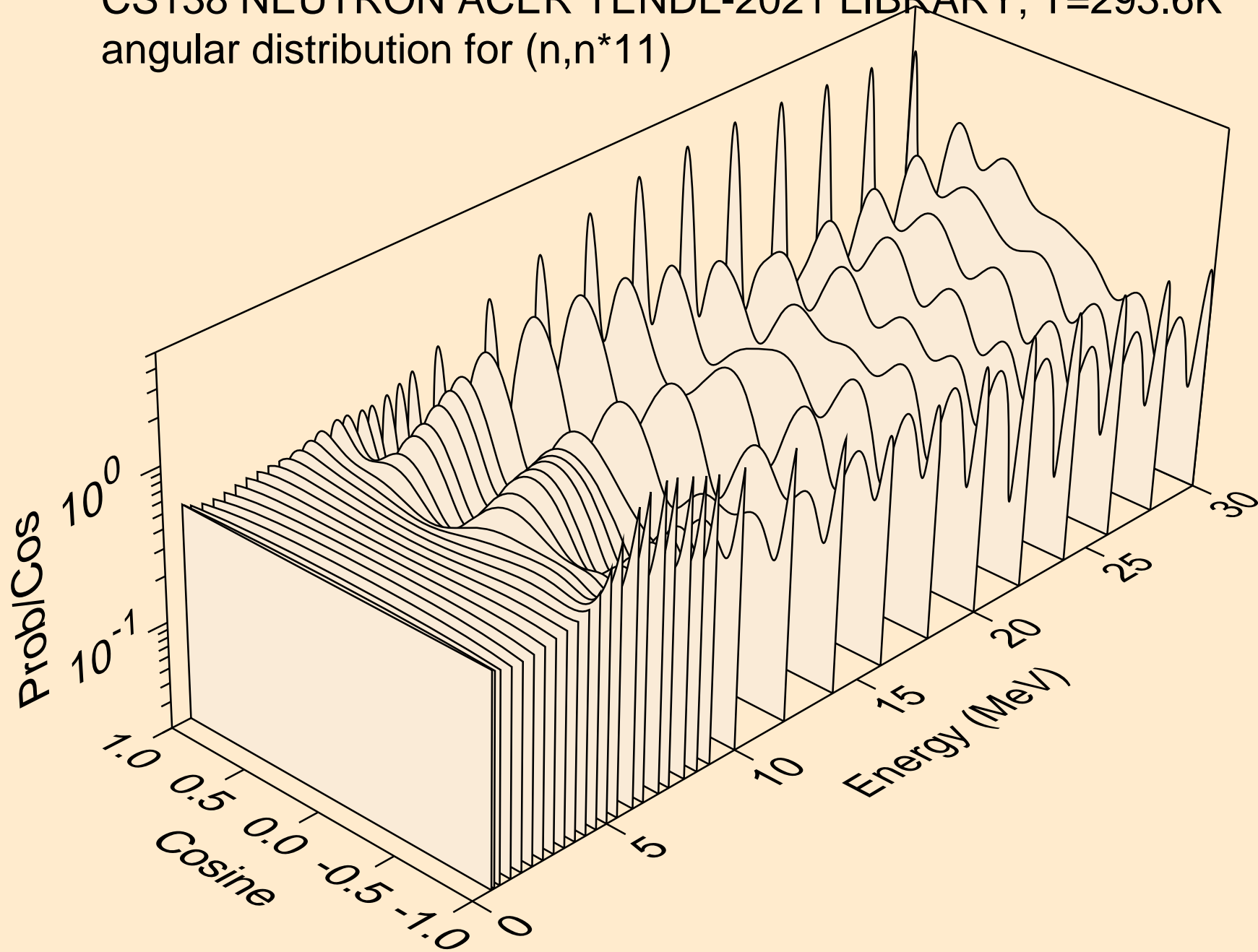
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angular distribution for (n,n*9)



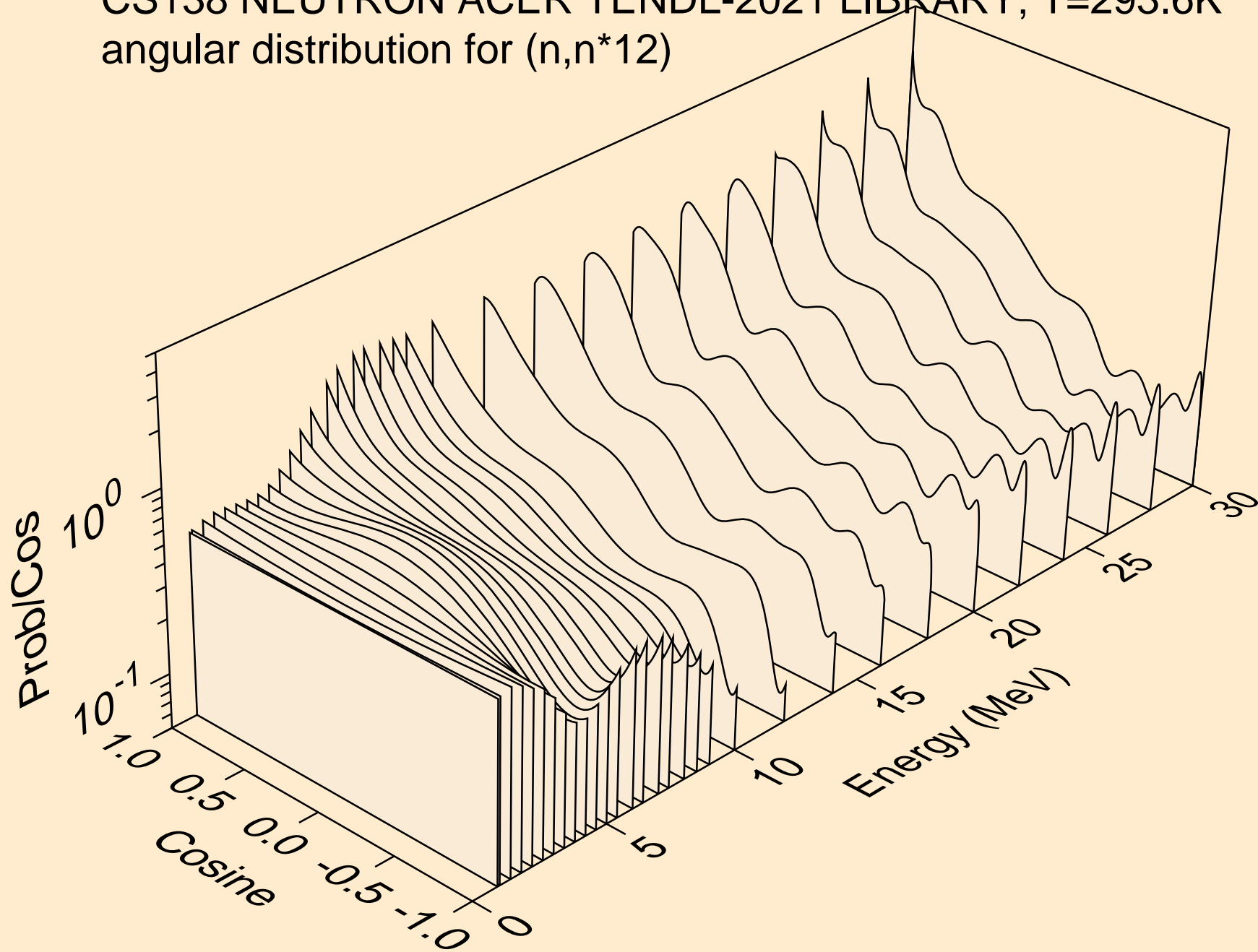
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angular distribution for (n,n*10)



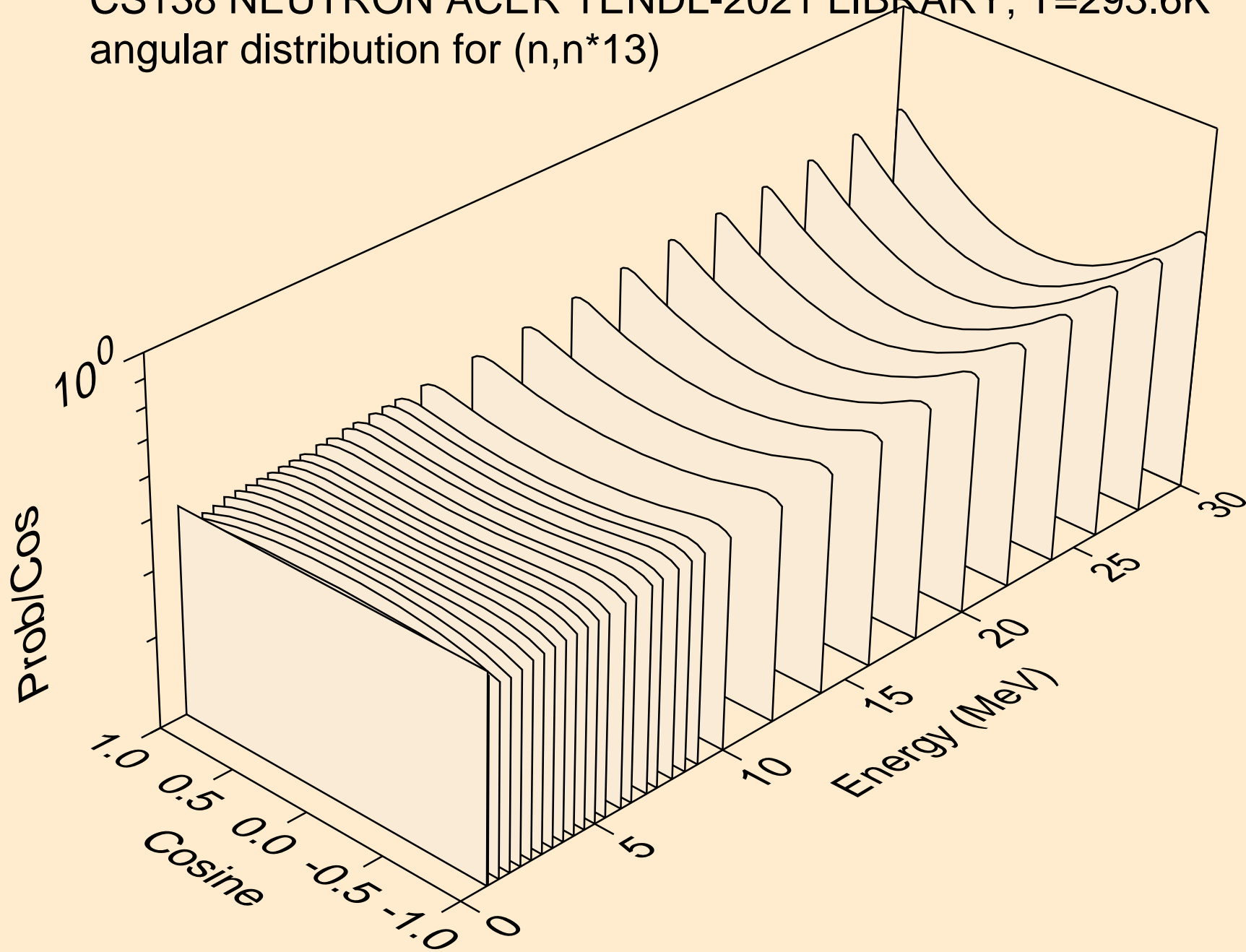
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angular distribution for (n,n*11)



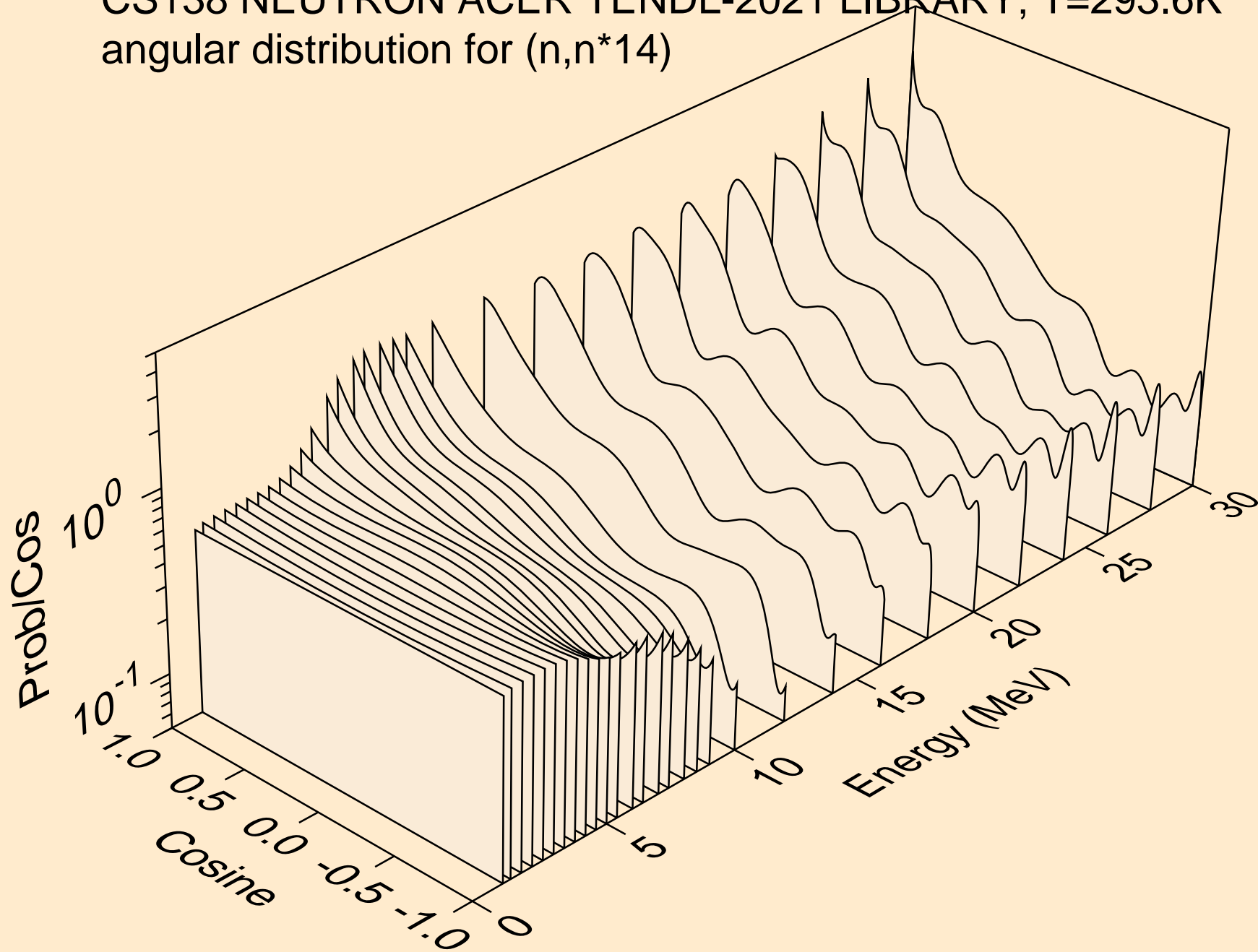
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angular distribution for (n,n*12)



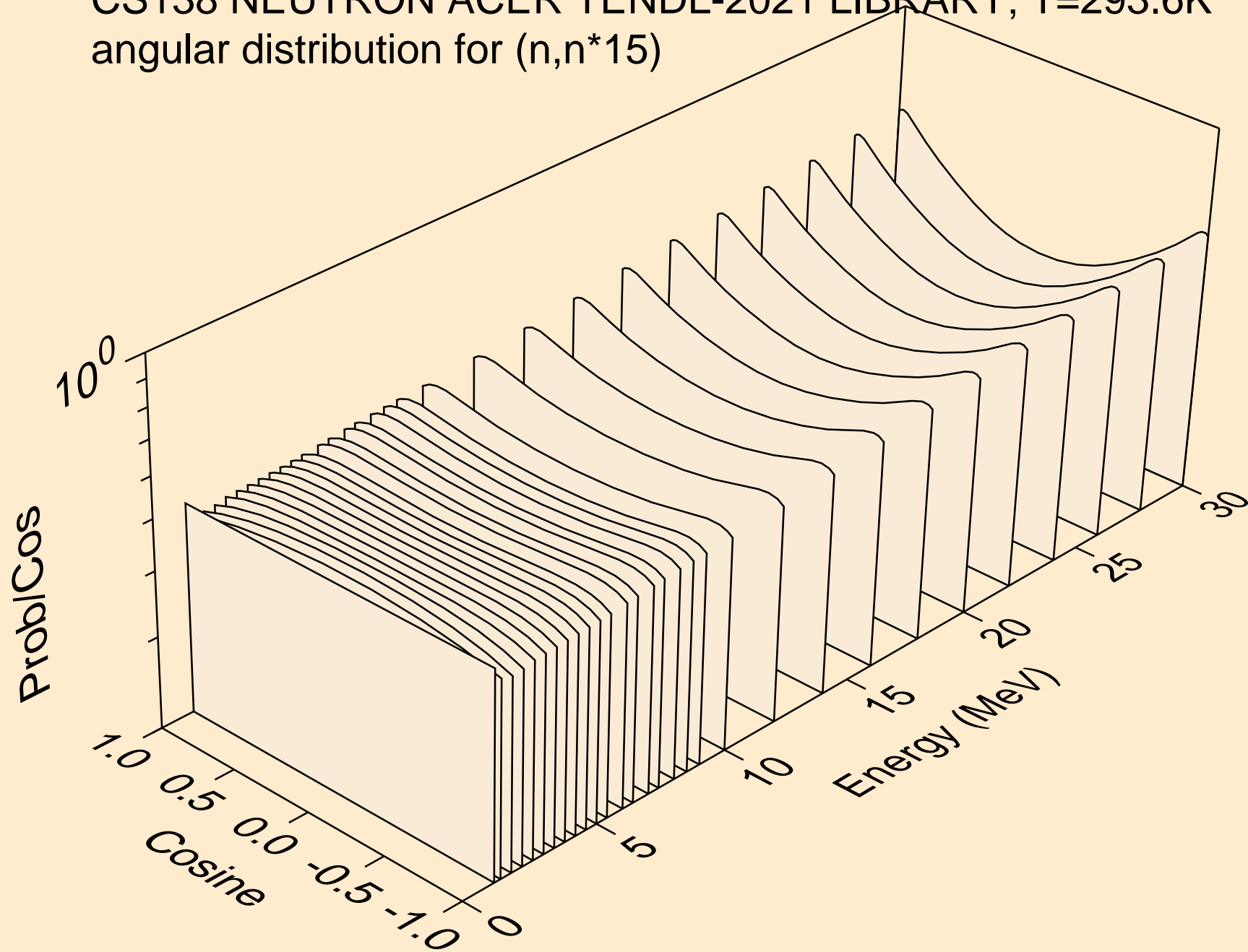
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angular distribution for (n,n*13)



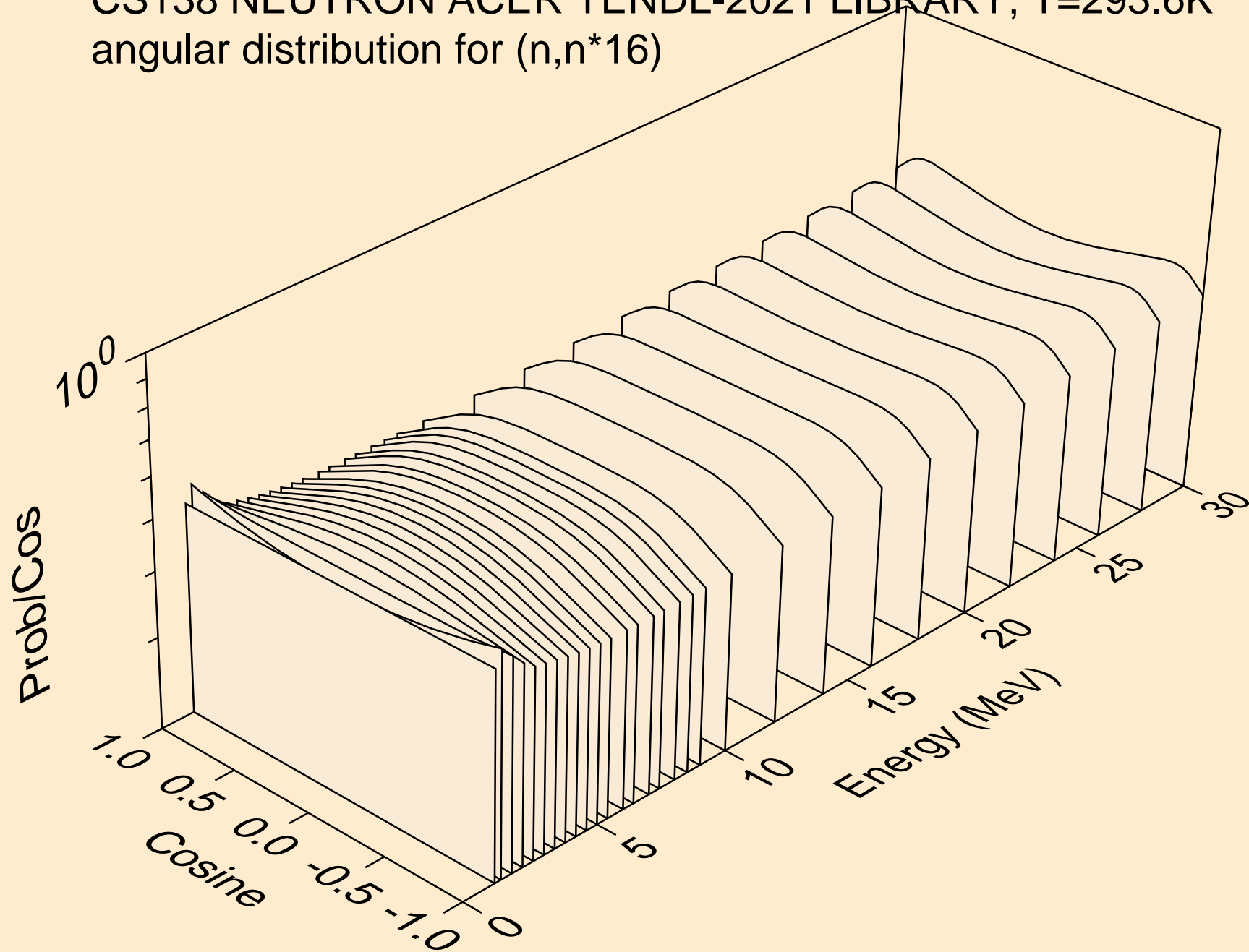
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angular distribution for (n,n*14)



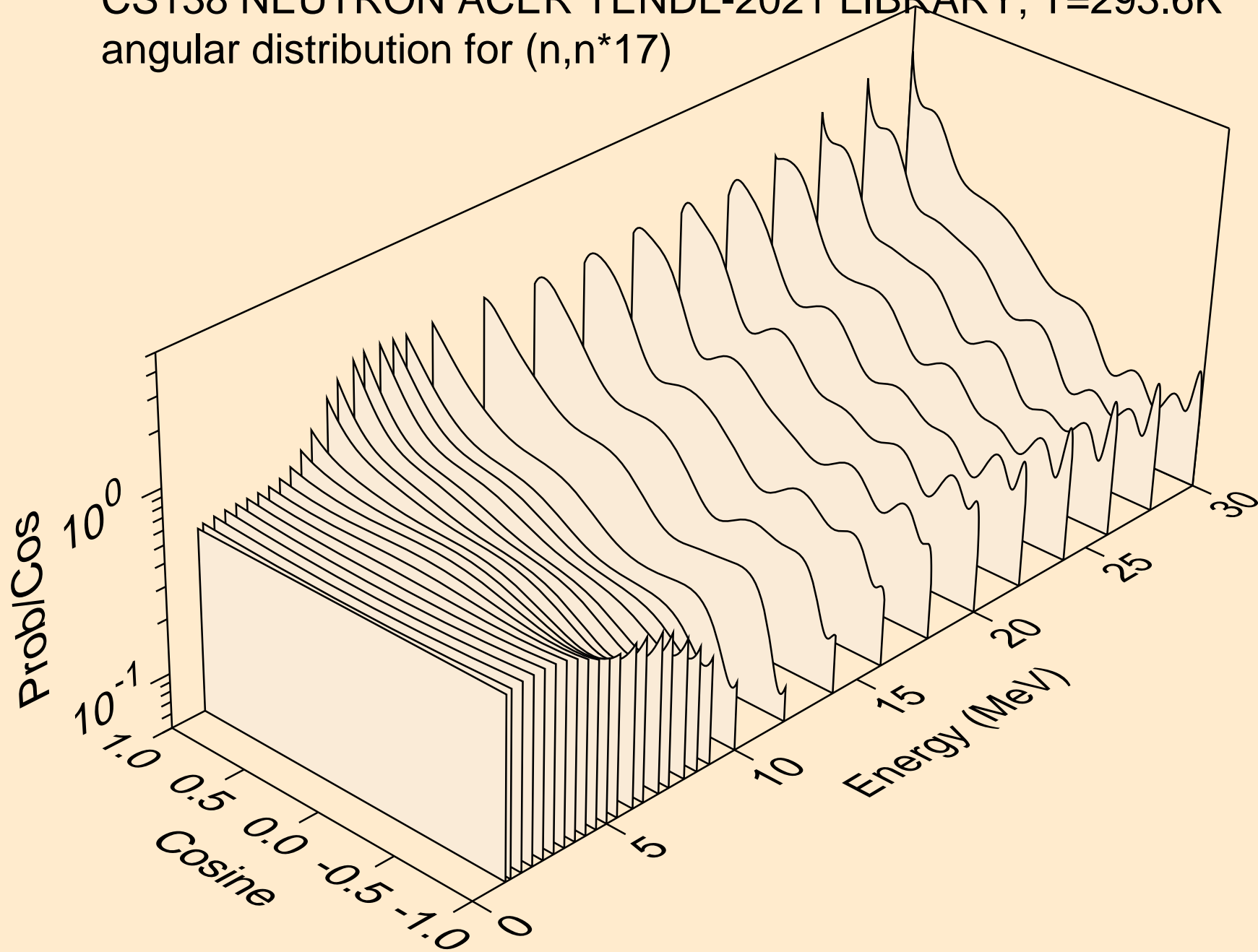
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angular distribution for (n,n*15)



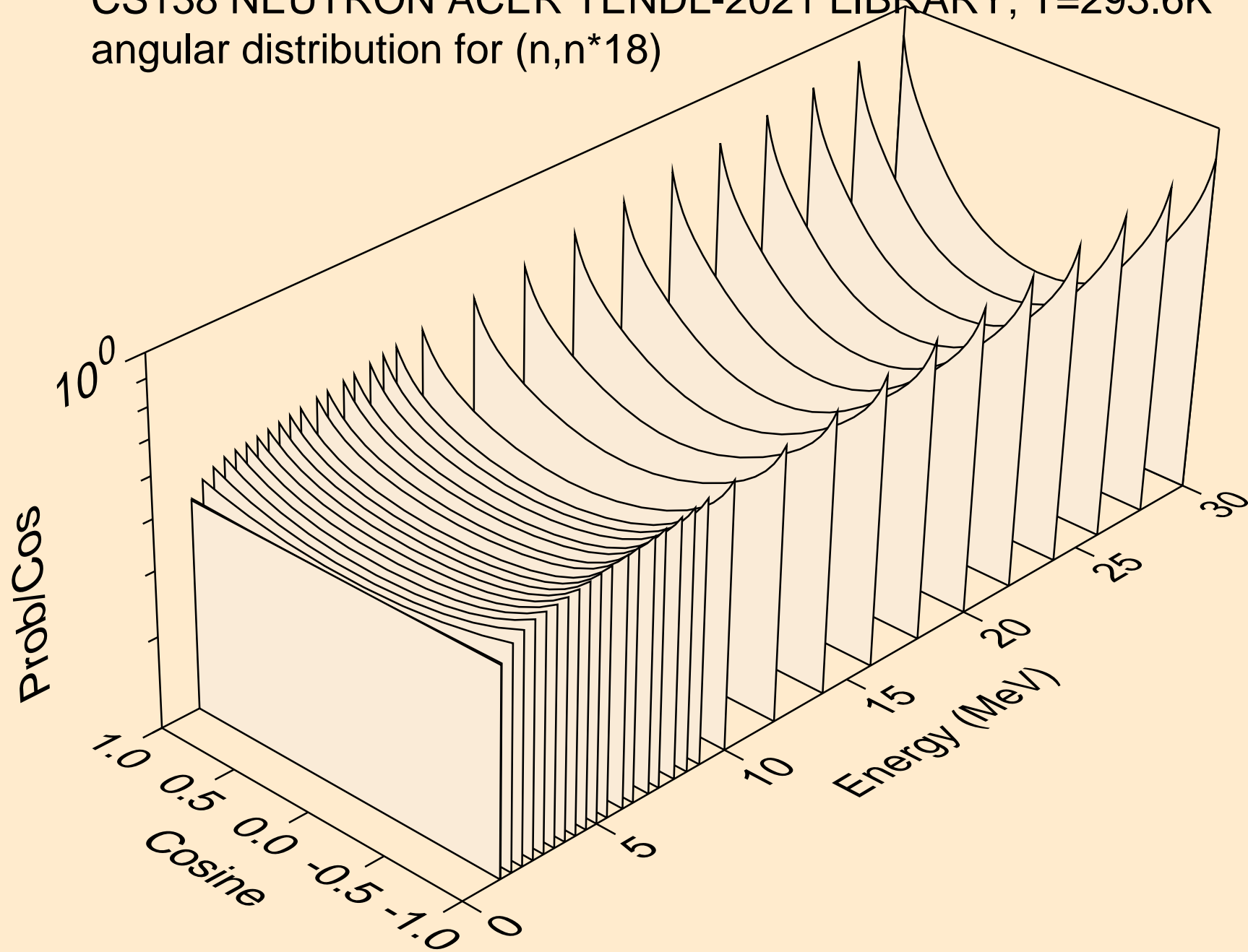
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angular distribution for (n,n*16)



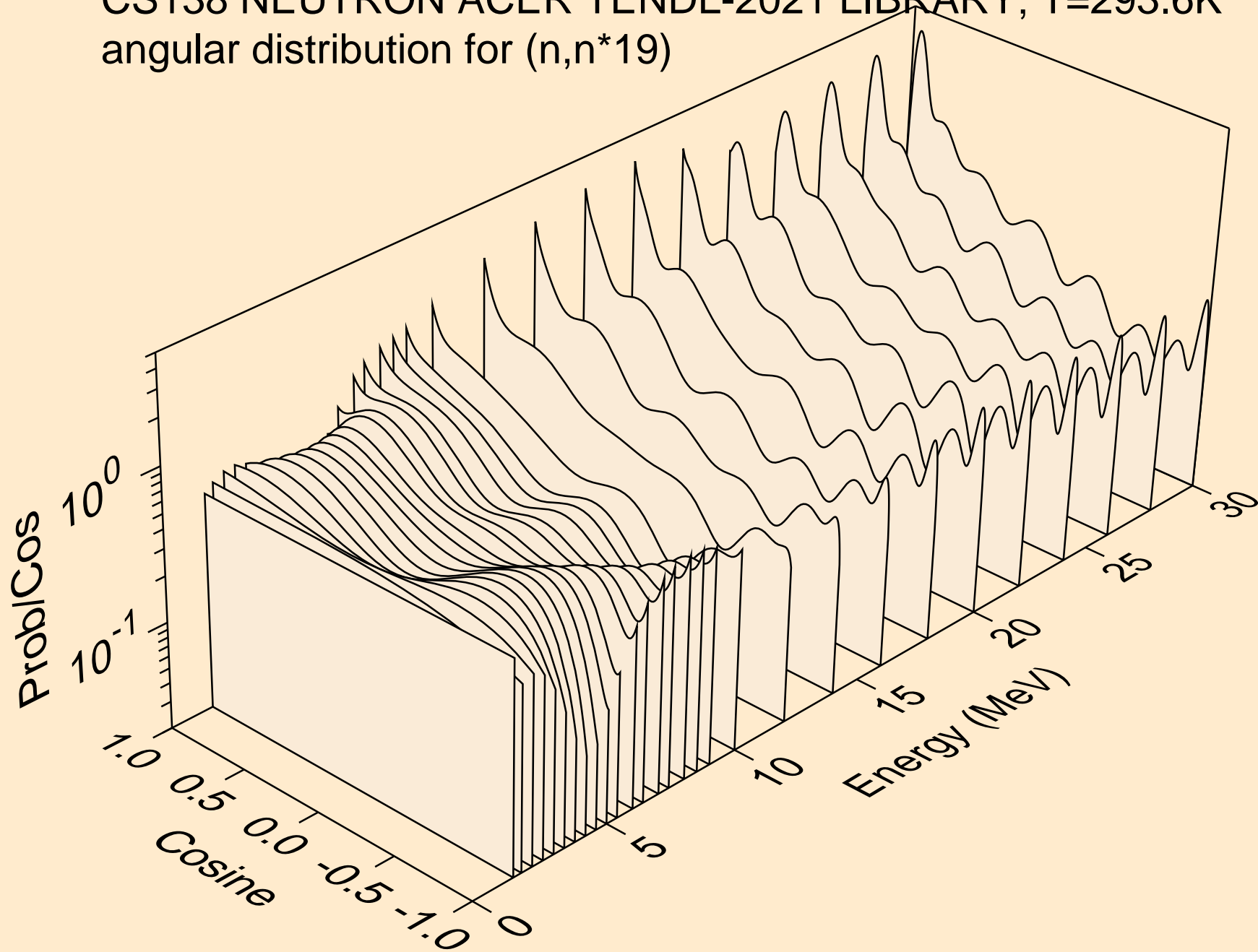
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angular distribution for (n,n*17)



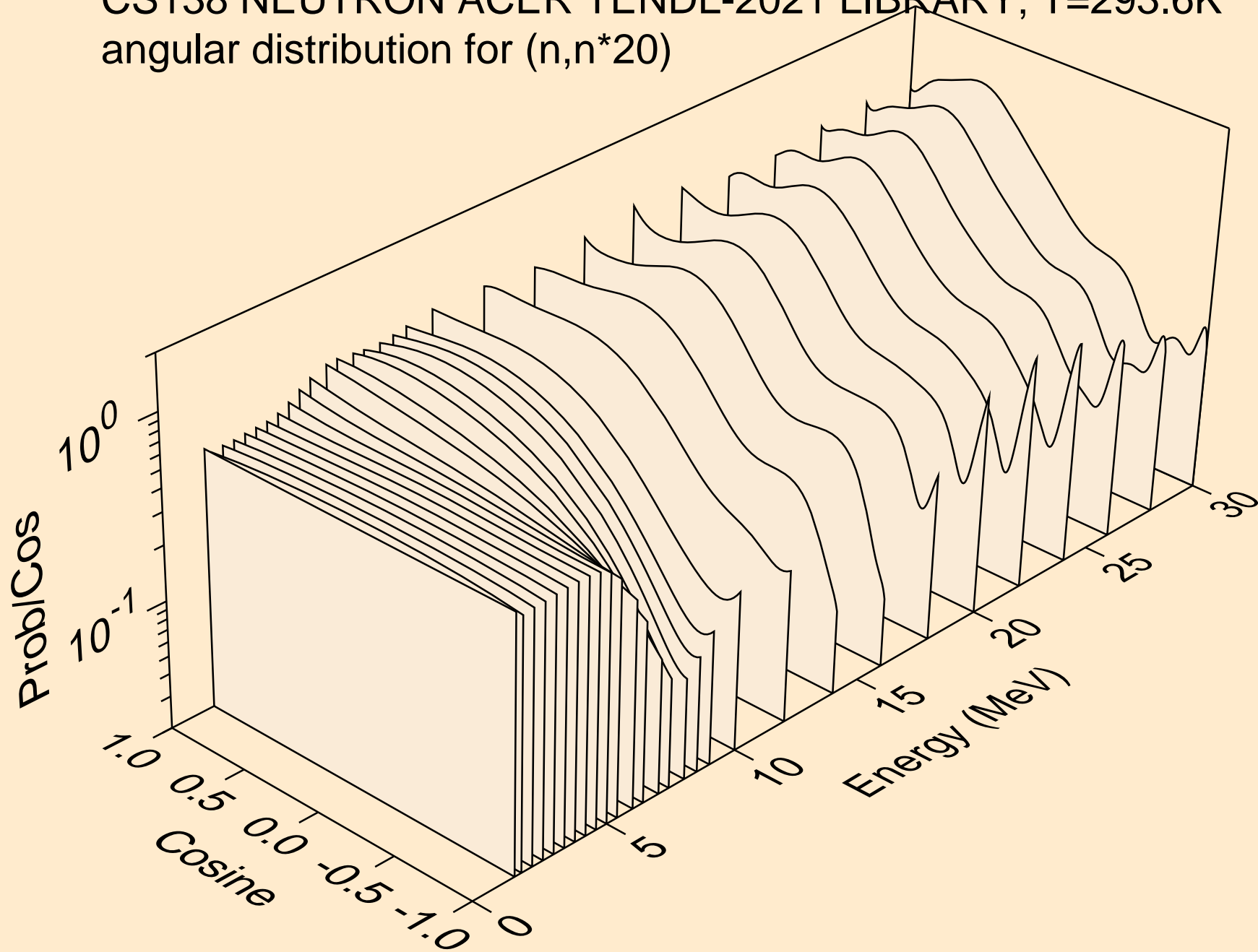
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angular distribution for (n,n*18)



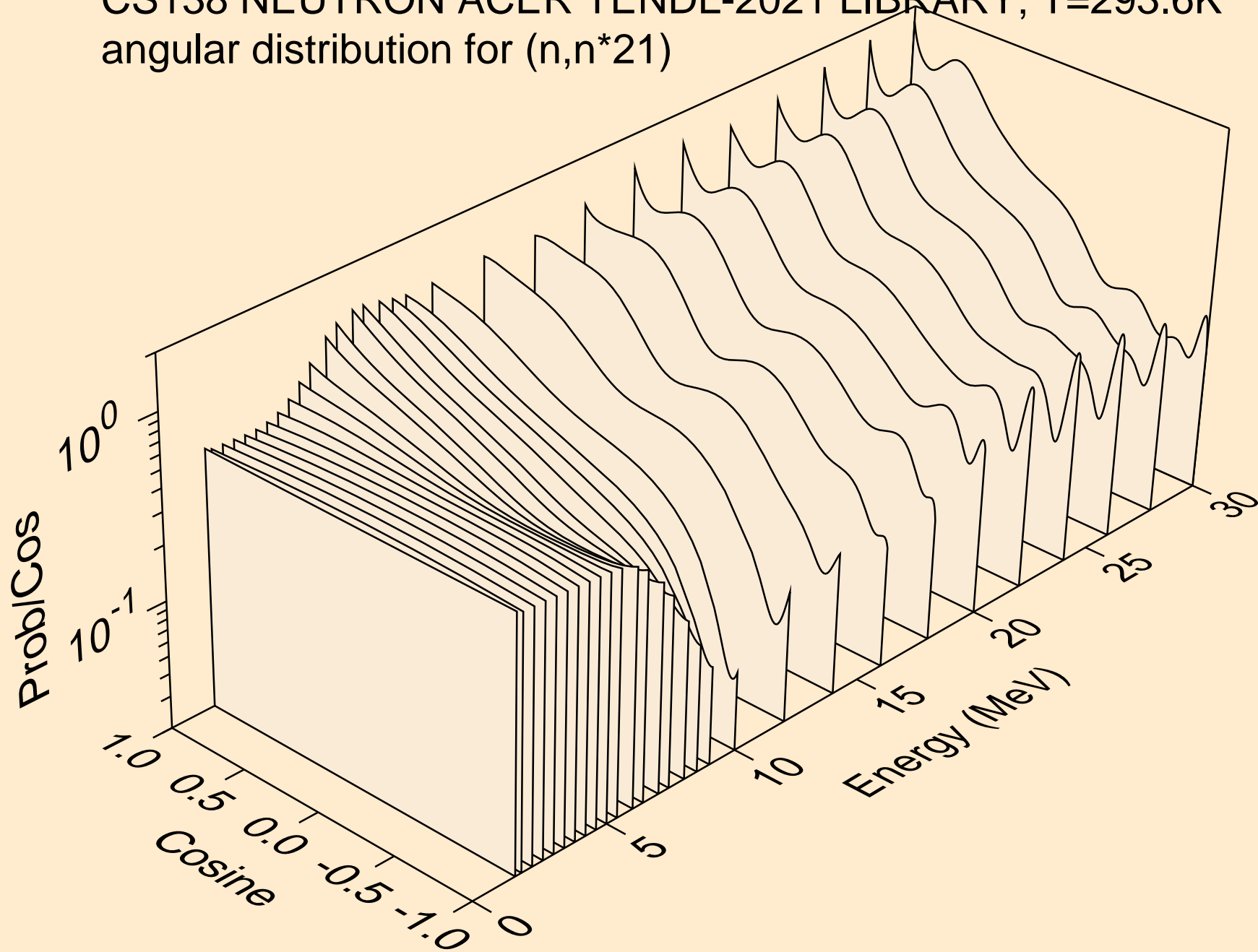
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angular distribution for (n,n*19)



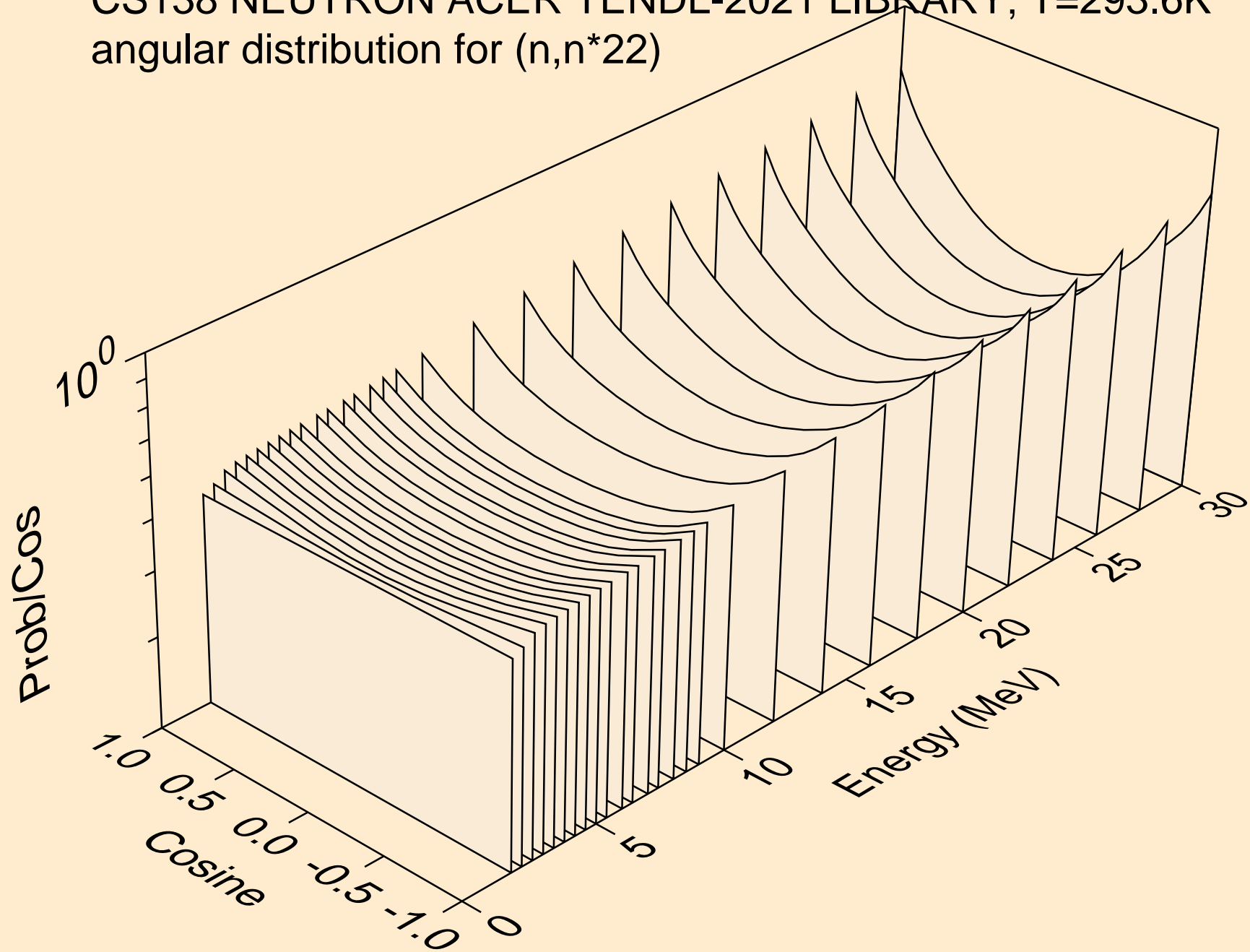
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angular distribution for (n,n*20)



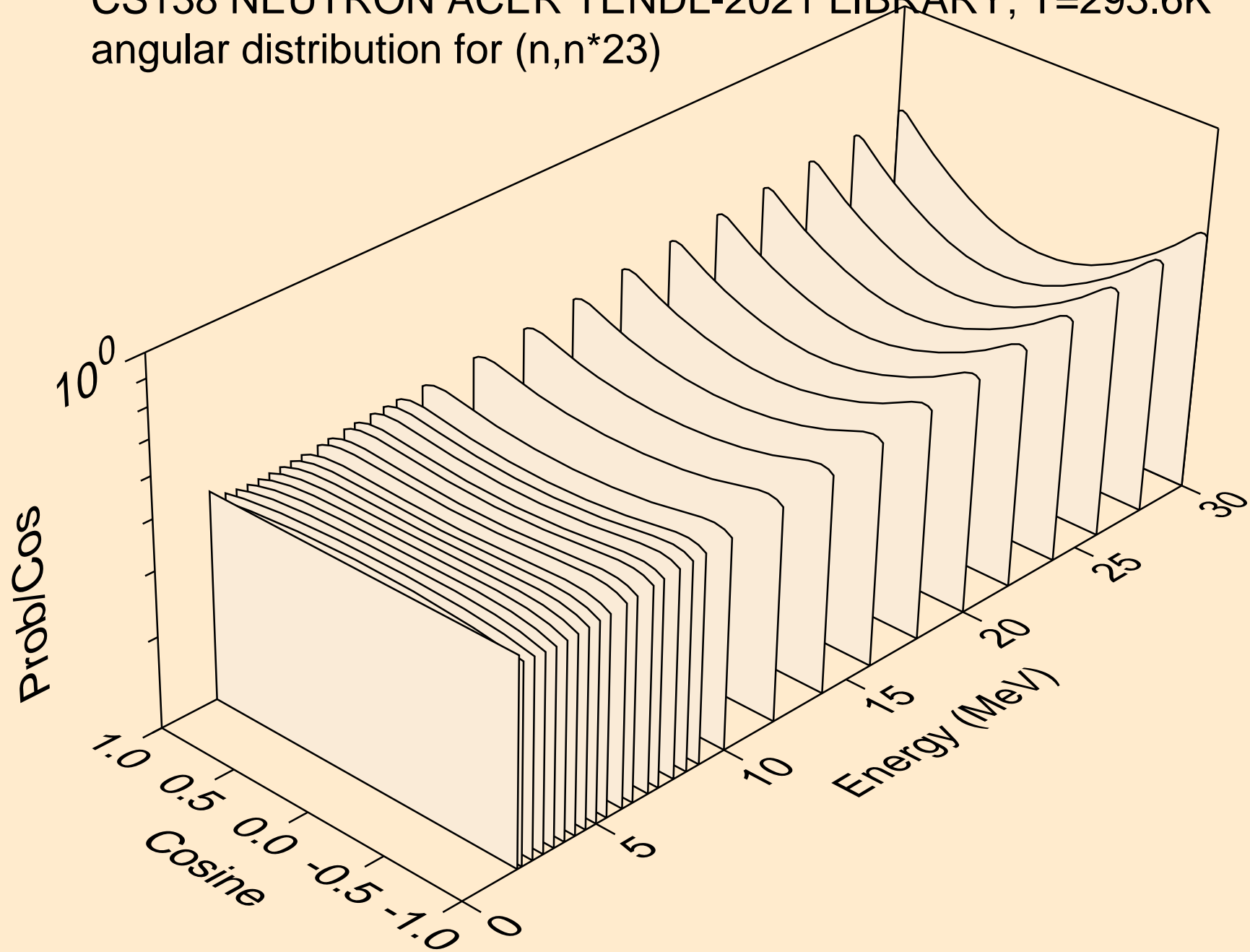
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*21)



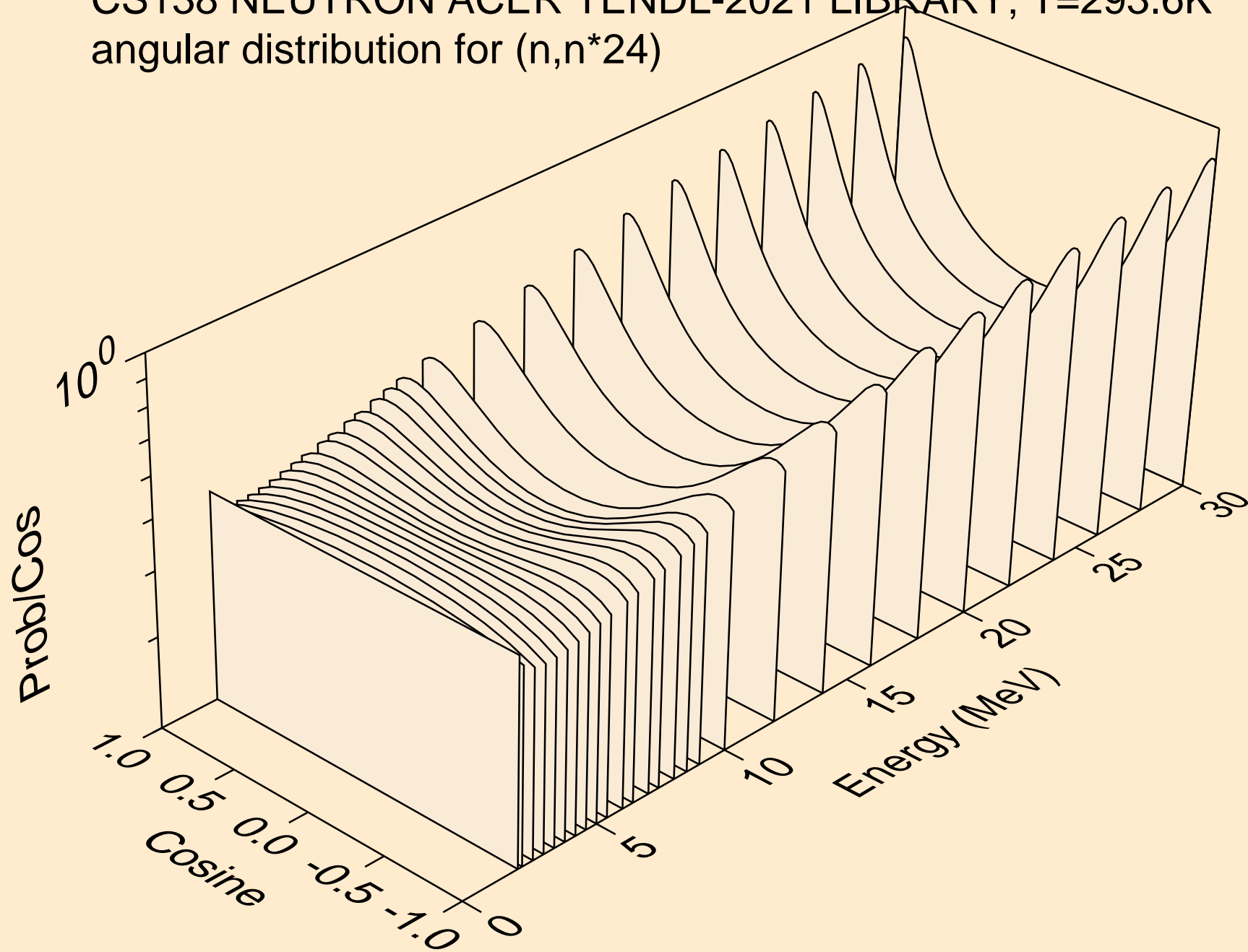
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angular distribution for (n,n*22)



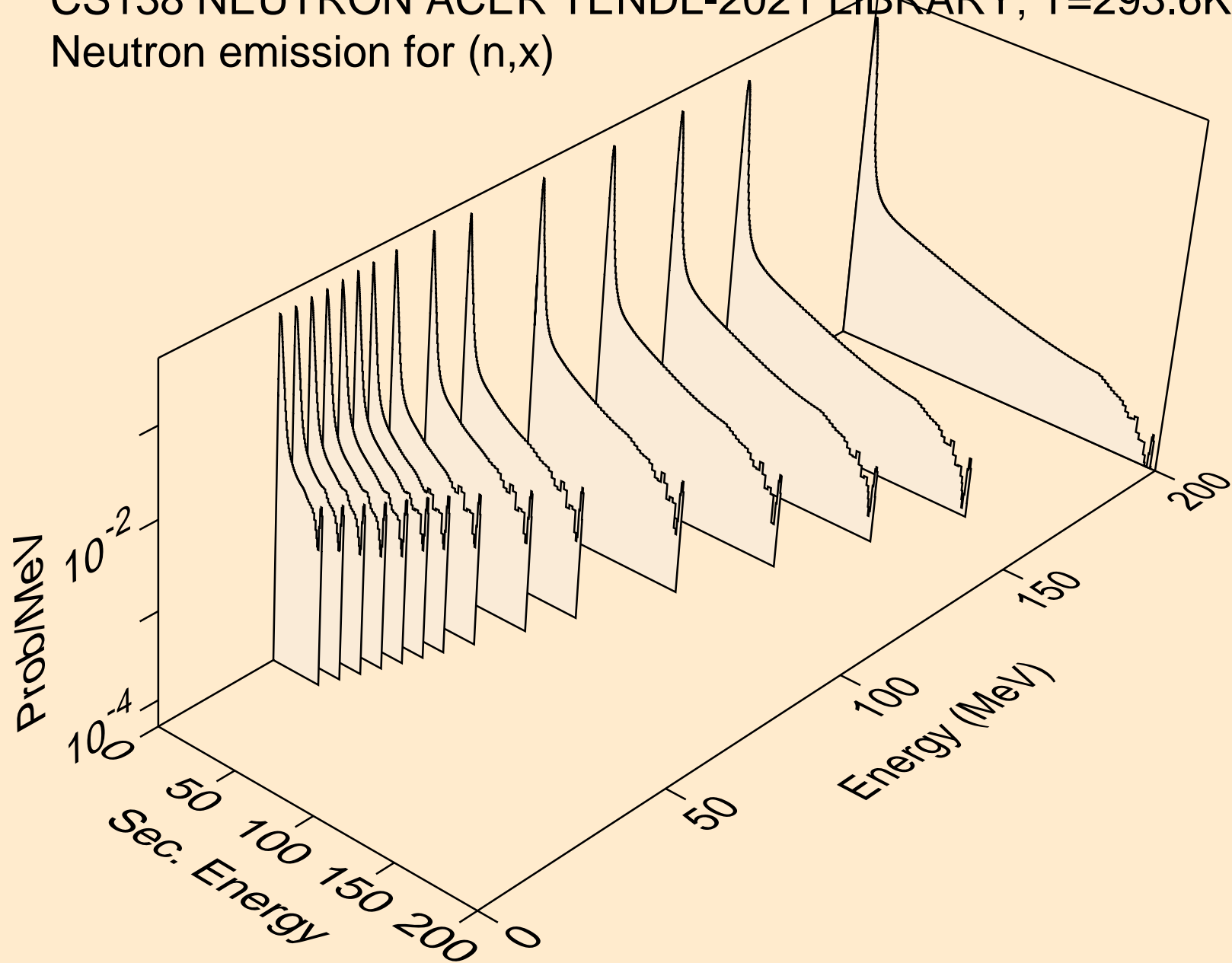
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angular distribution for (n,n*23)



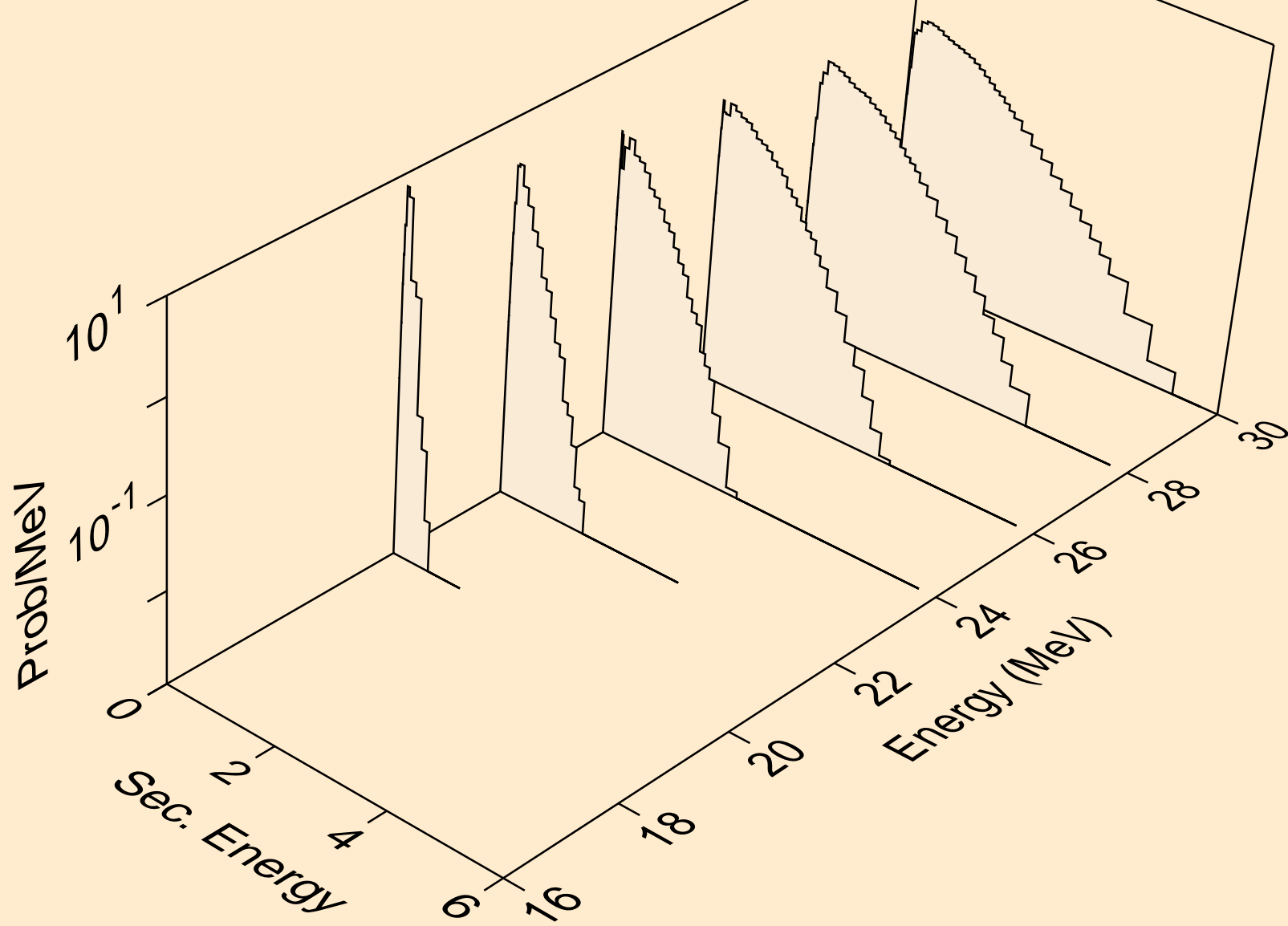
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angular distribution for (n,n*24)



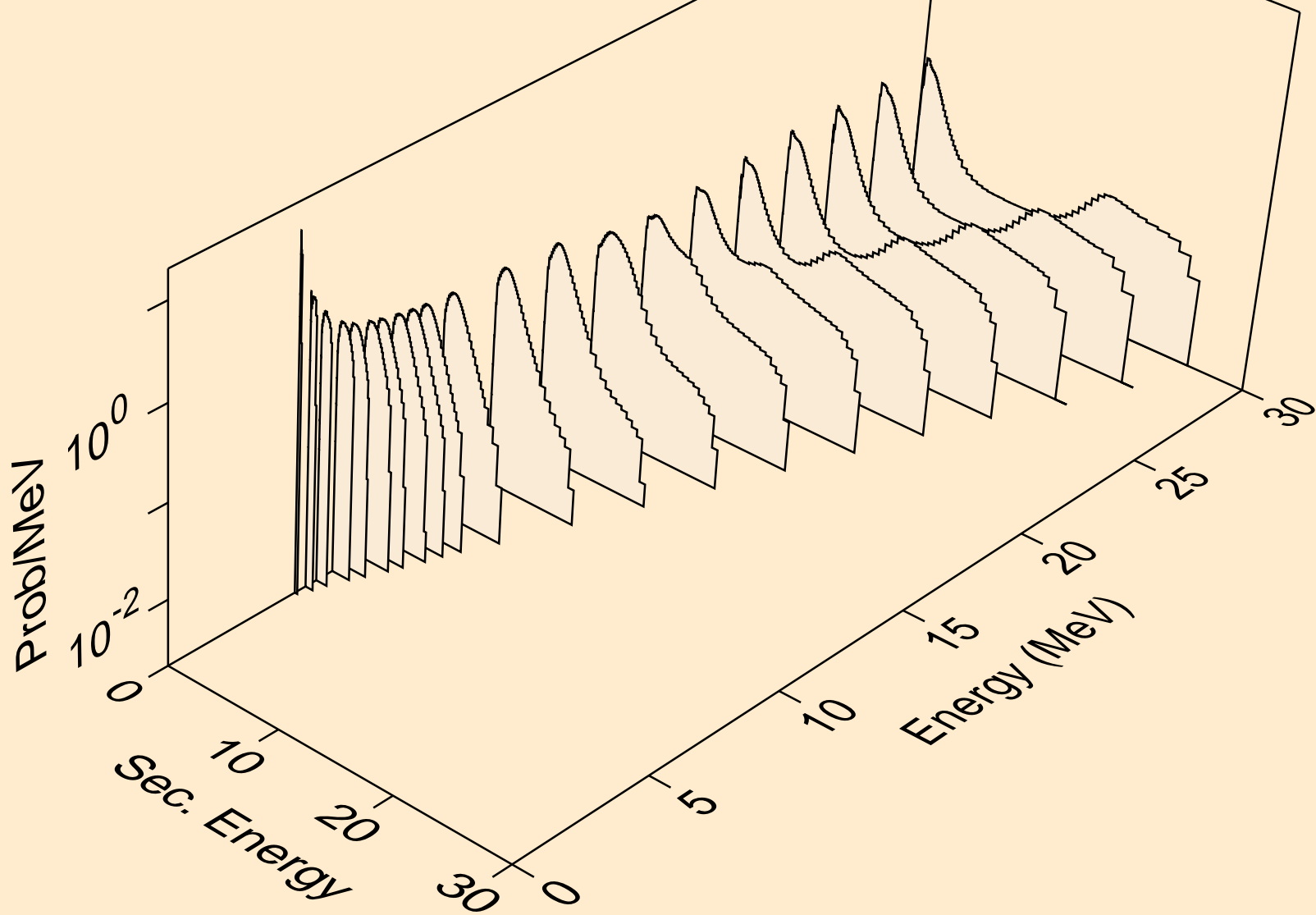
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



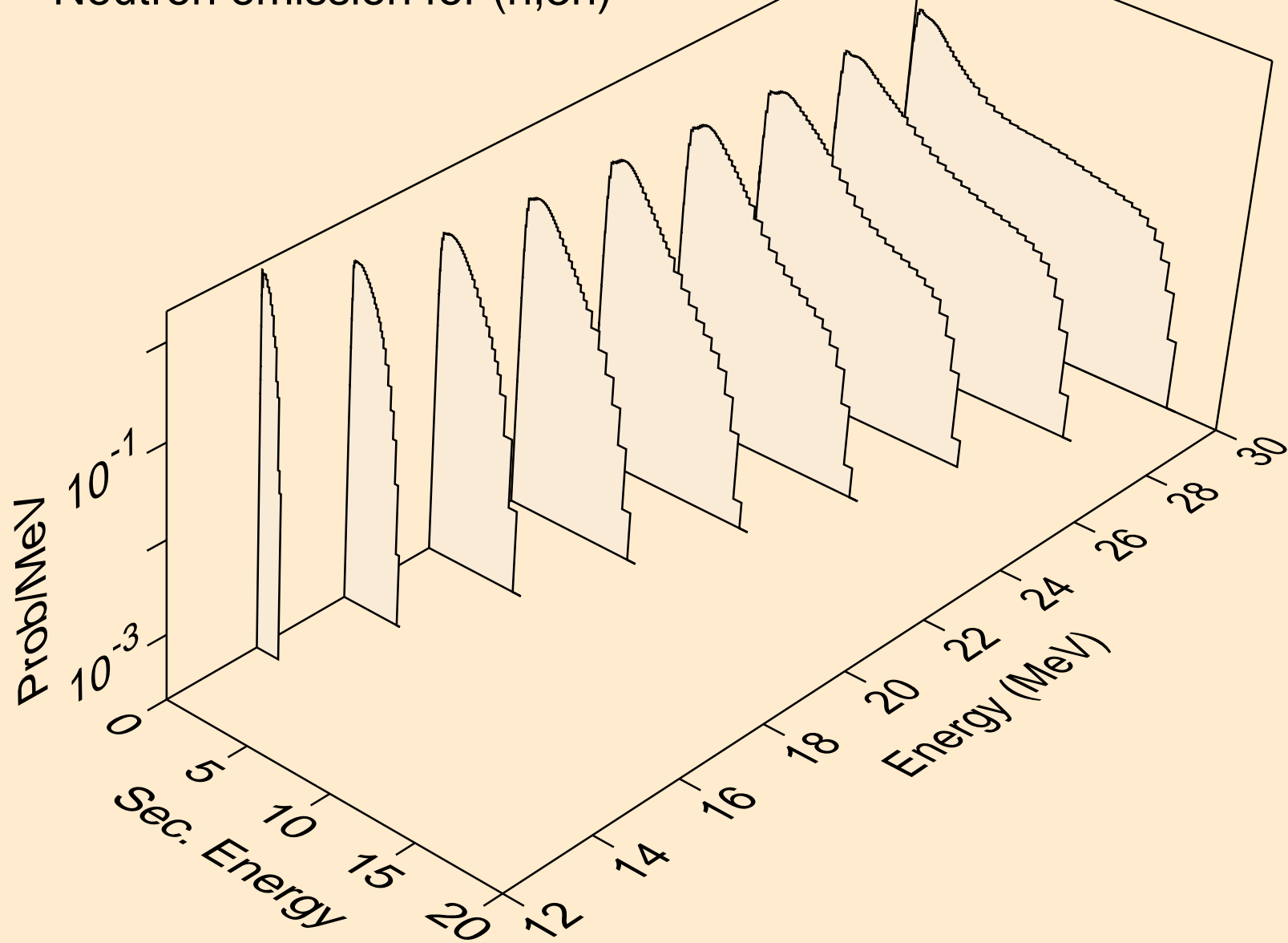
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



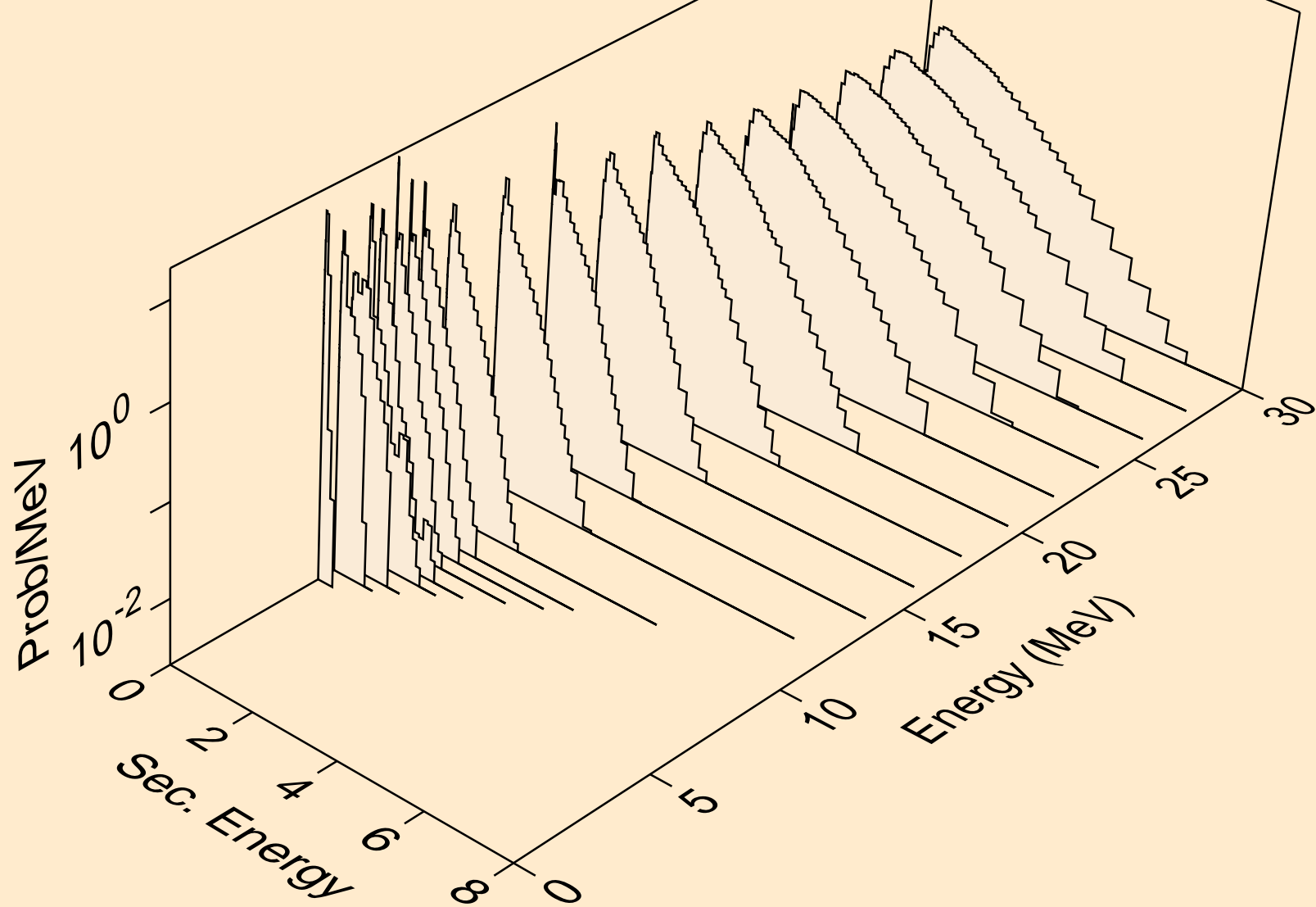
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



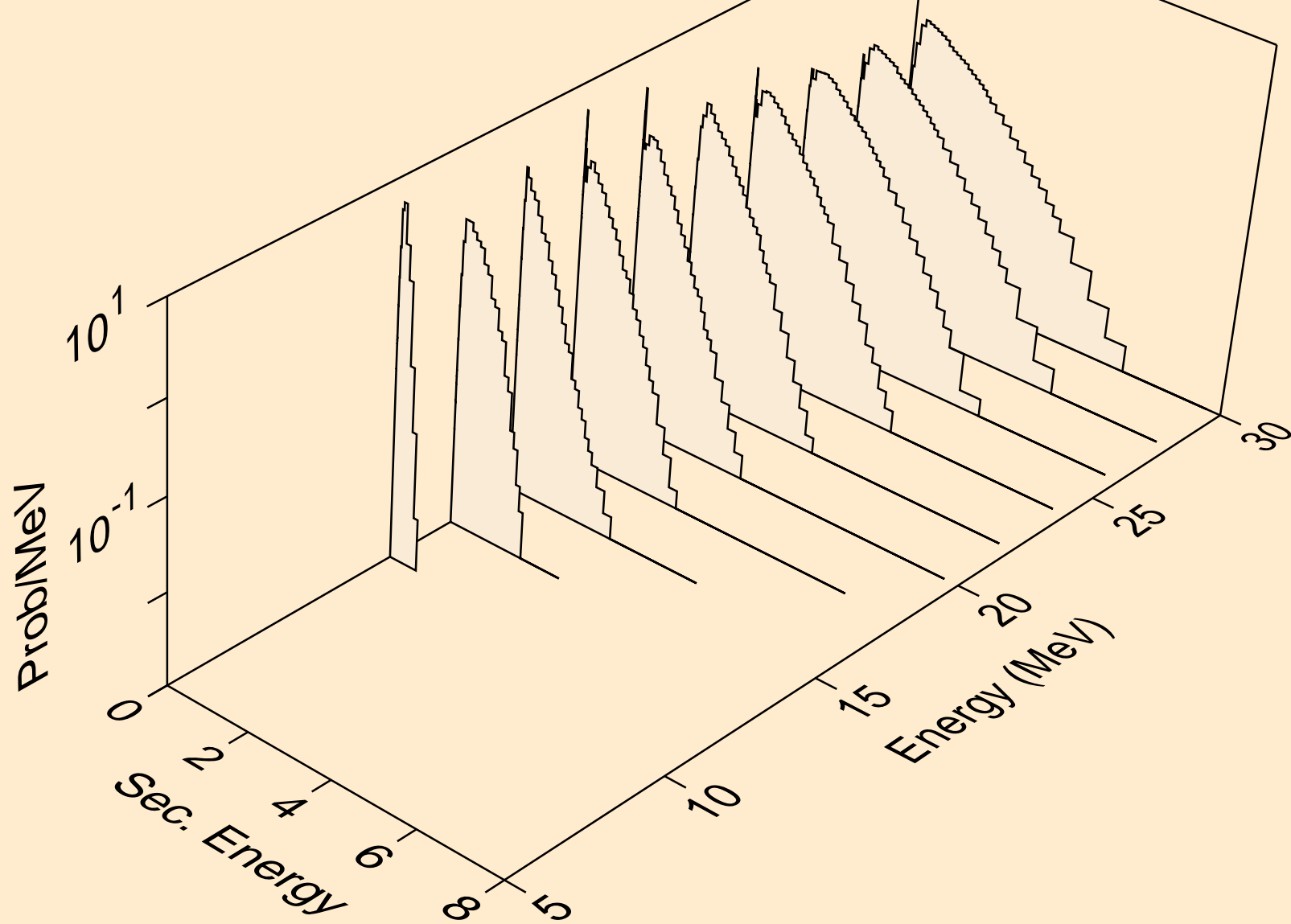
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



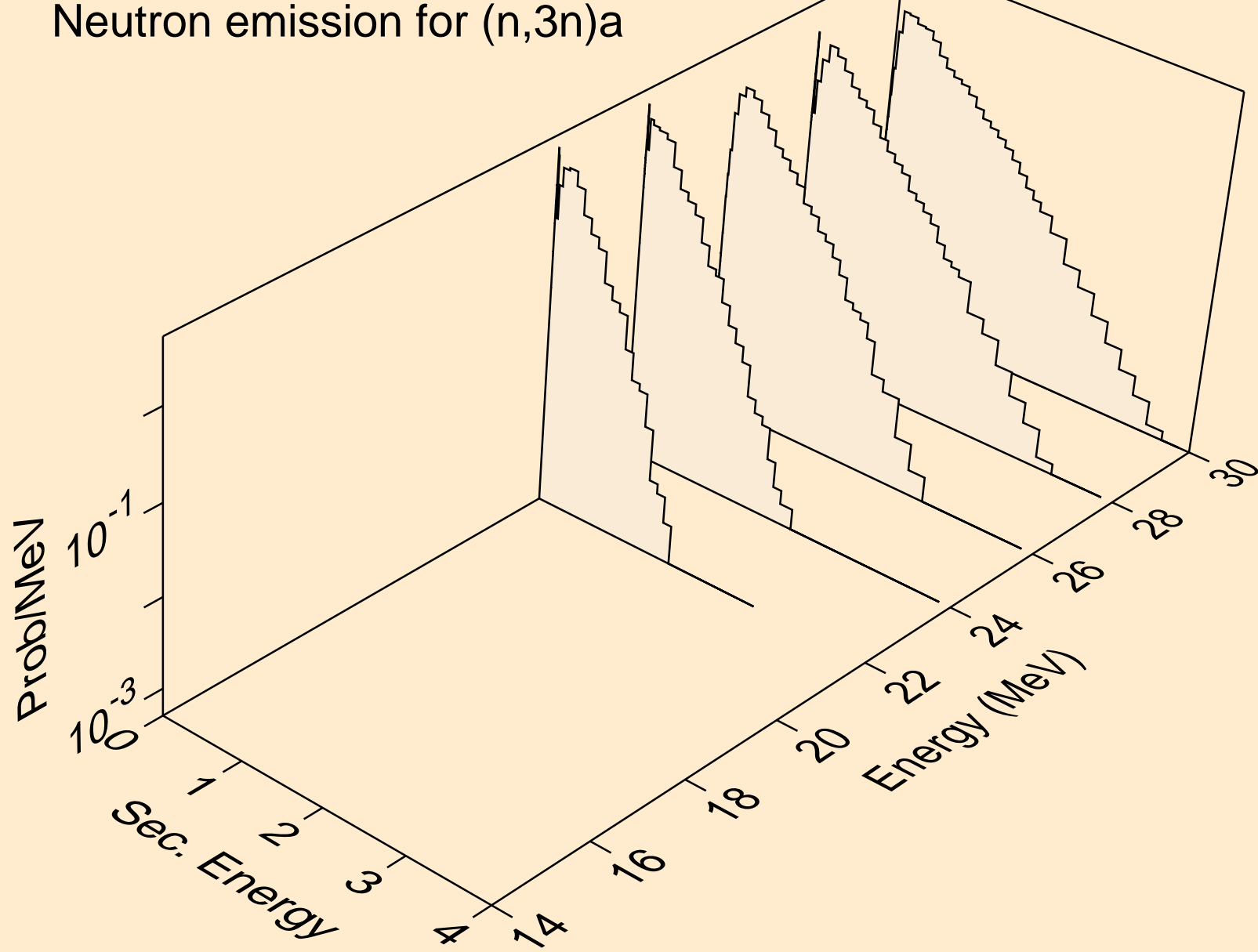
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



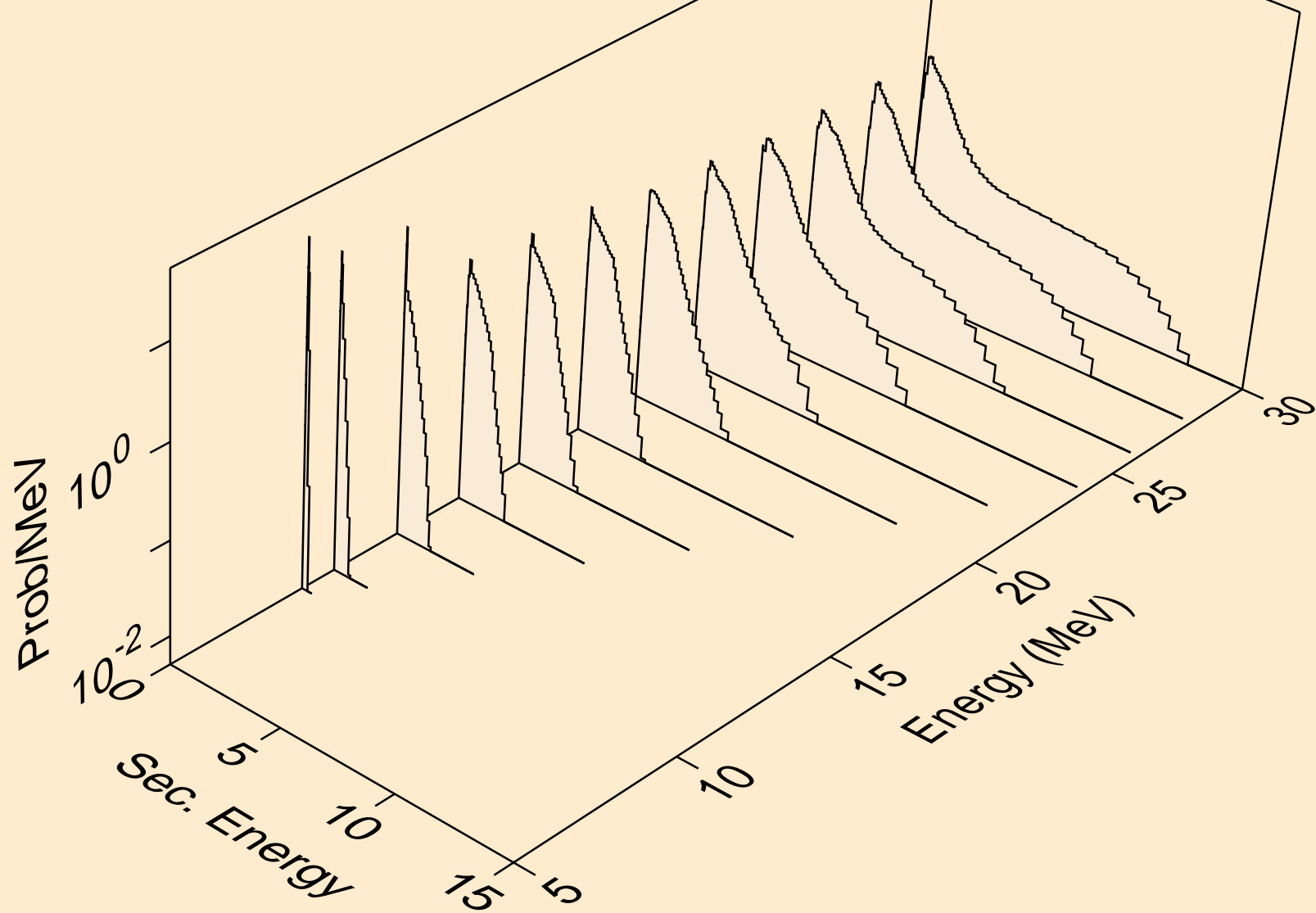
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



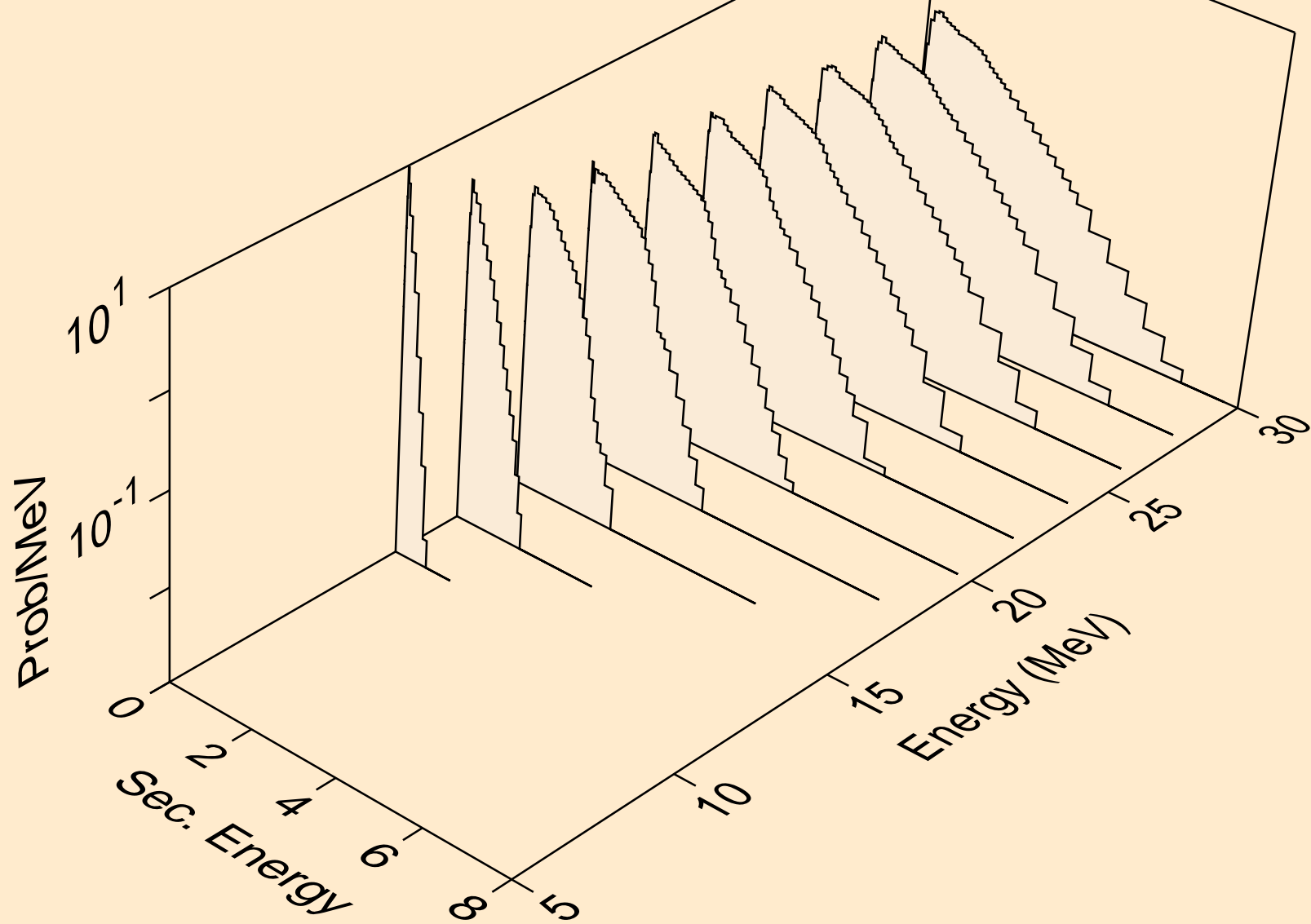
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



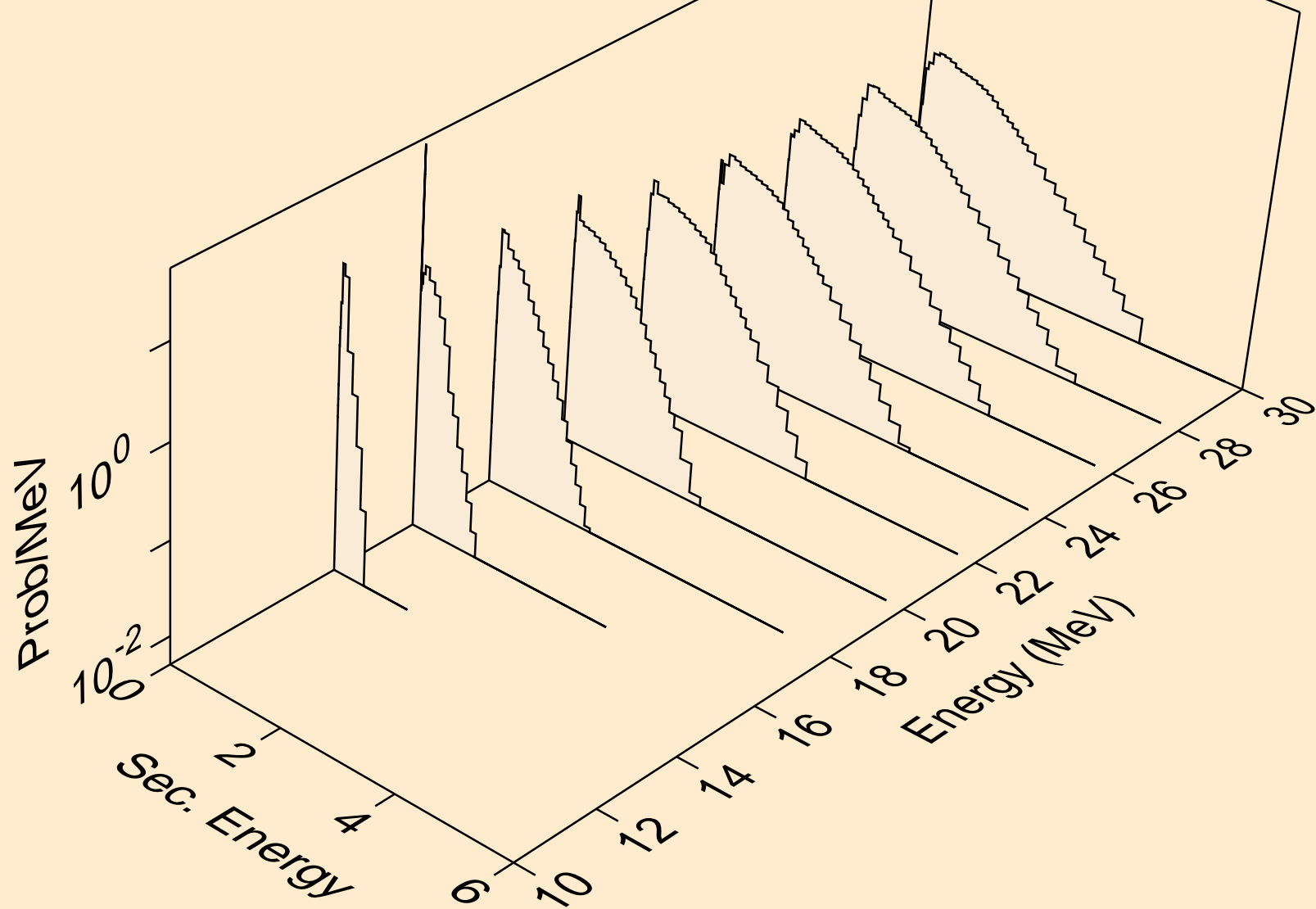
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



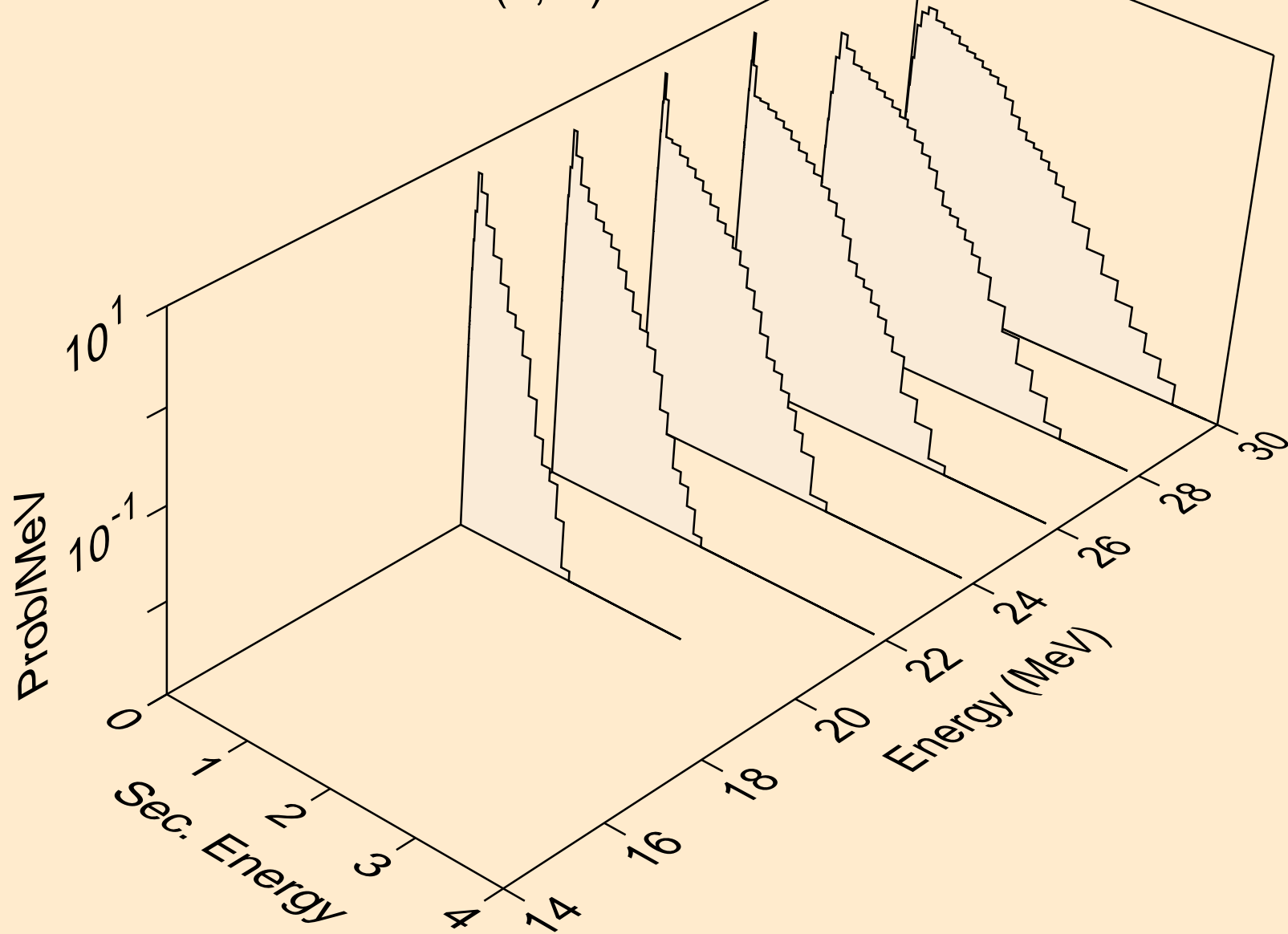
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



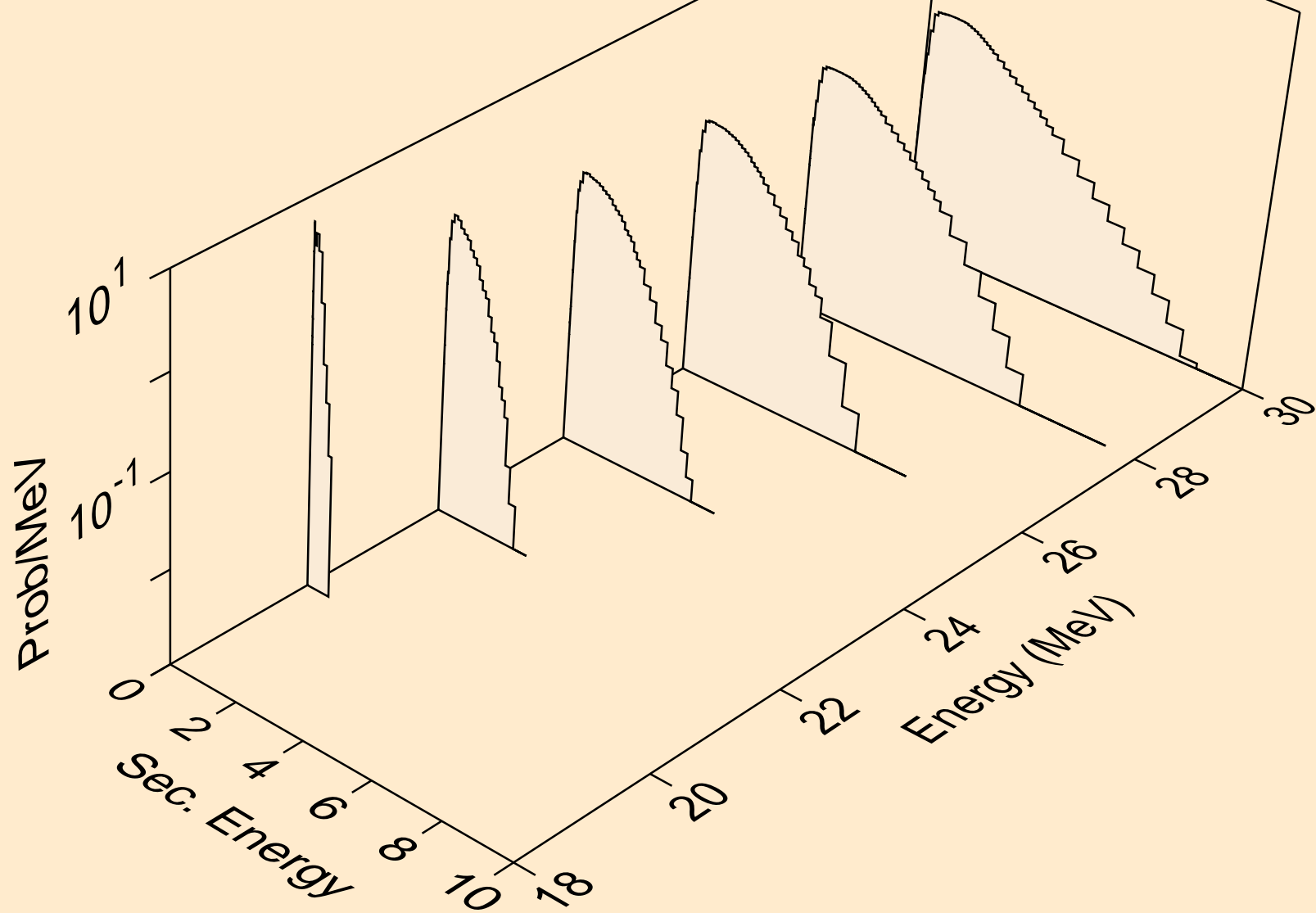
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



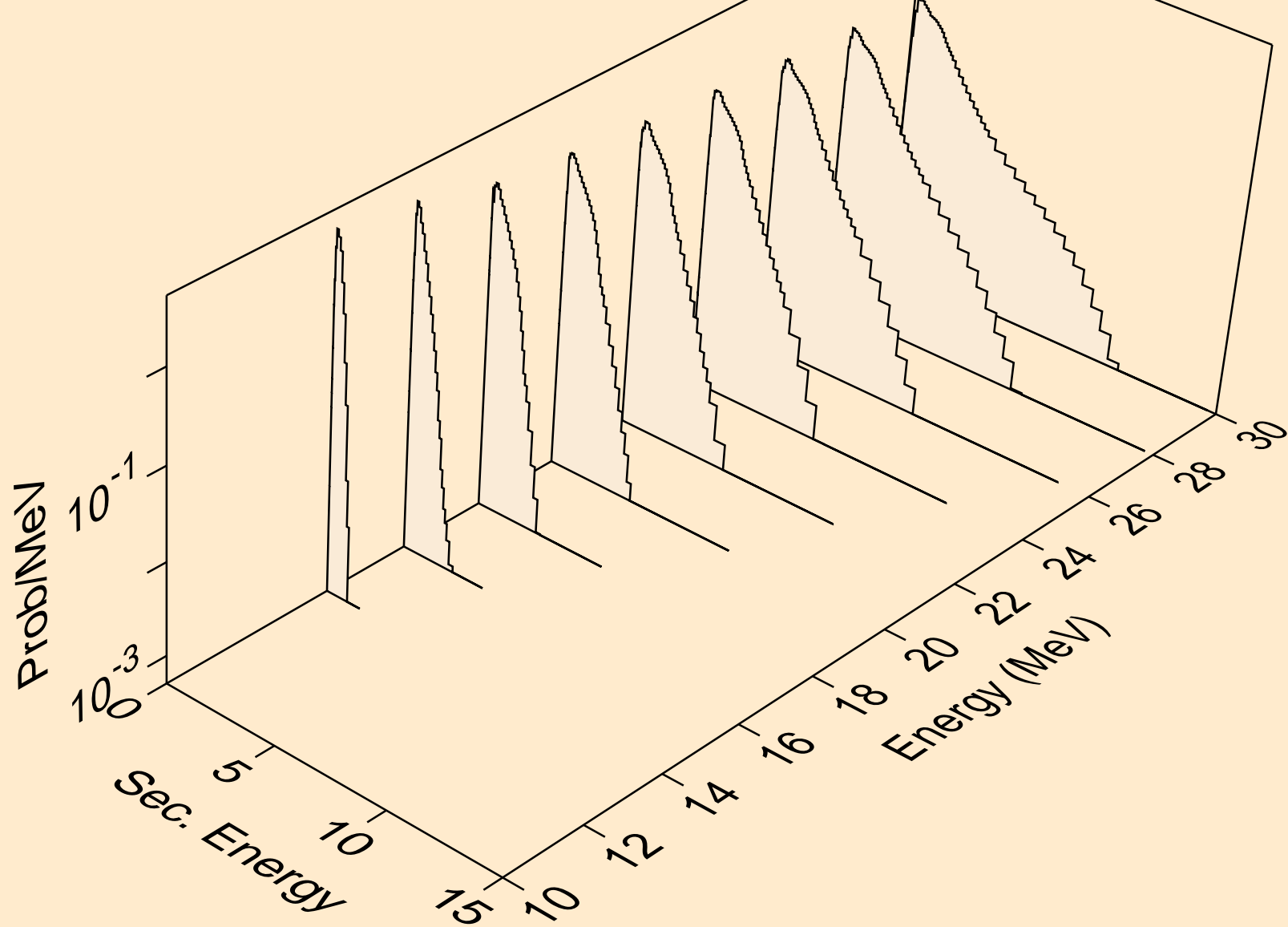
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



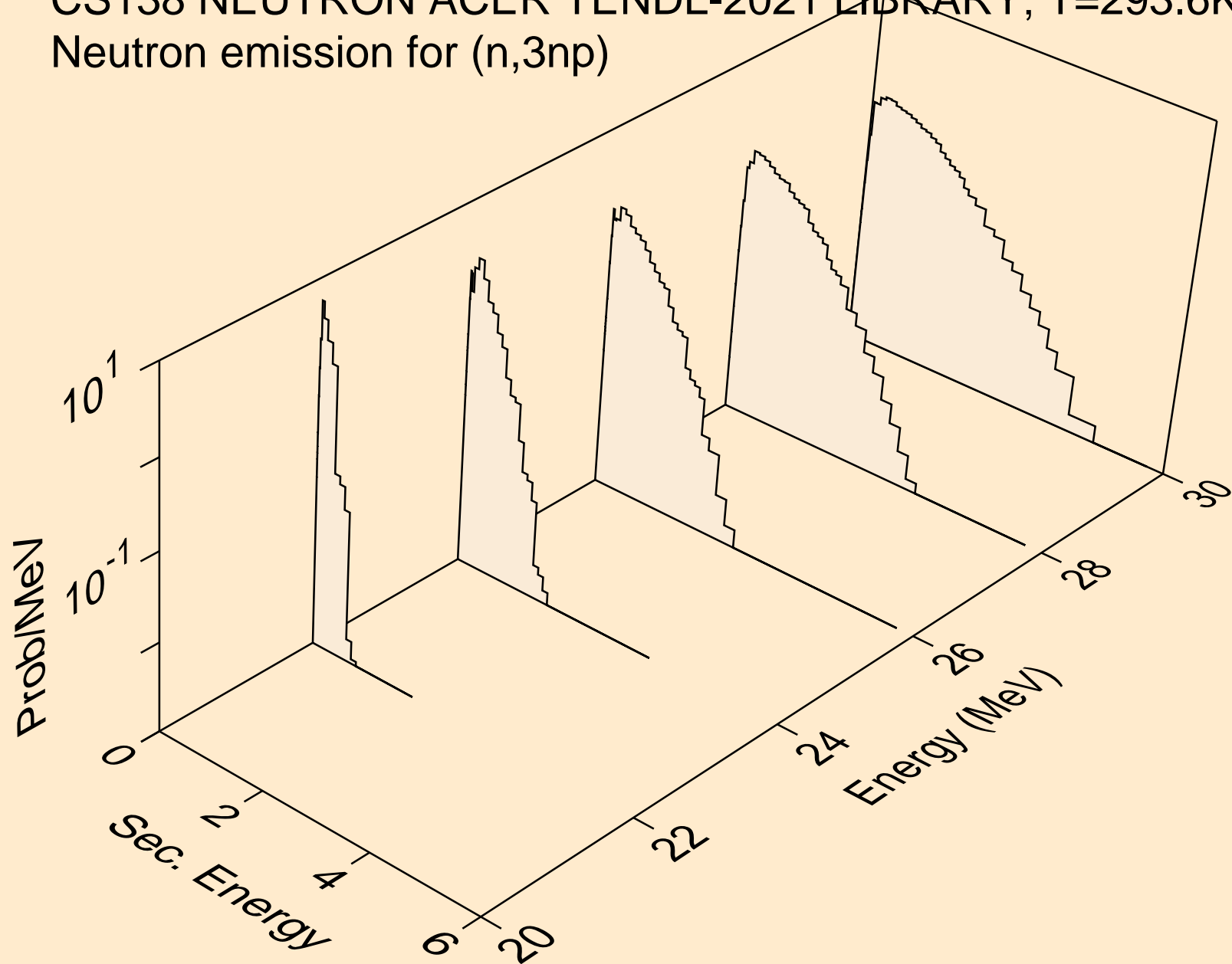
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



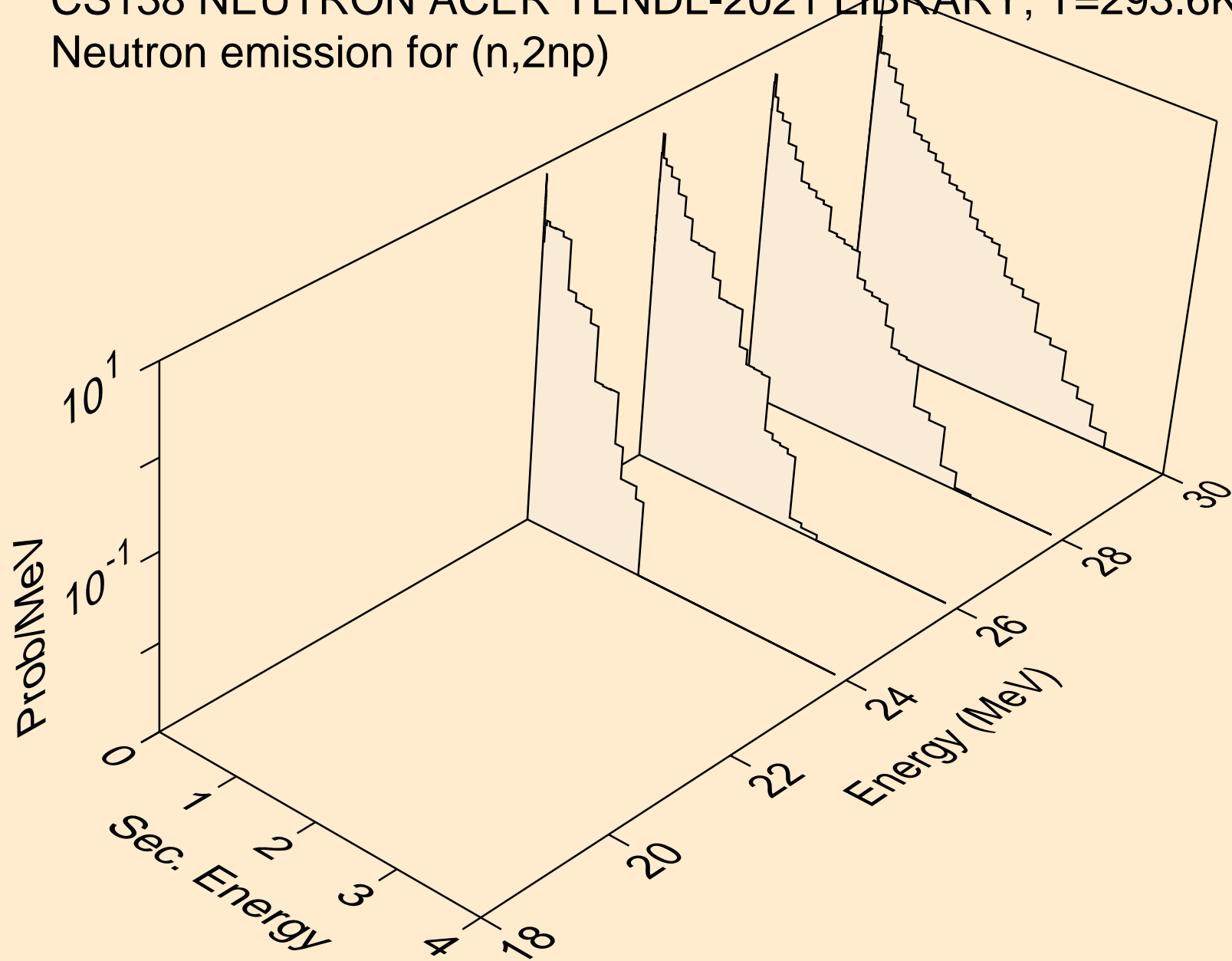
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



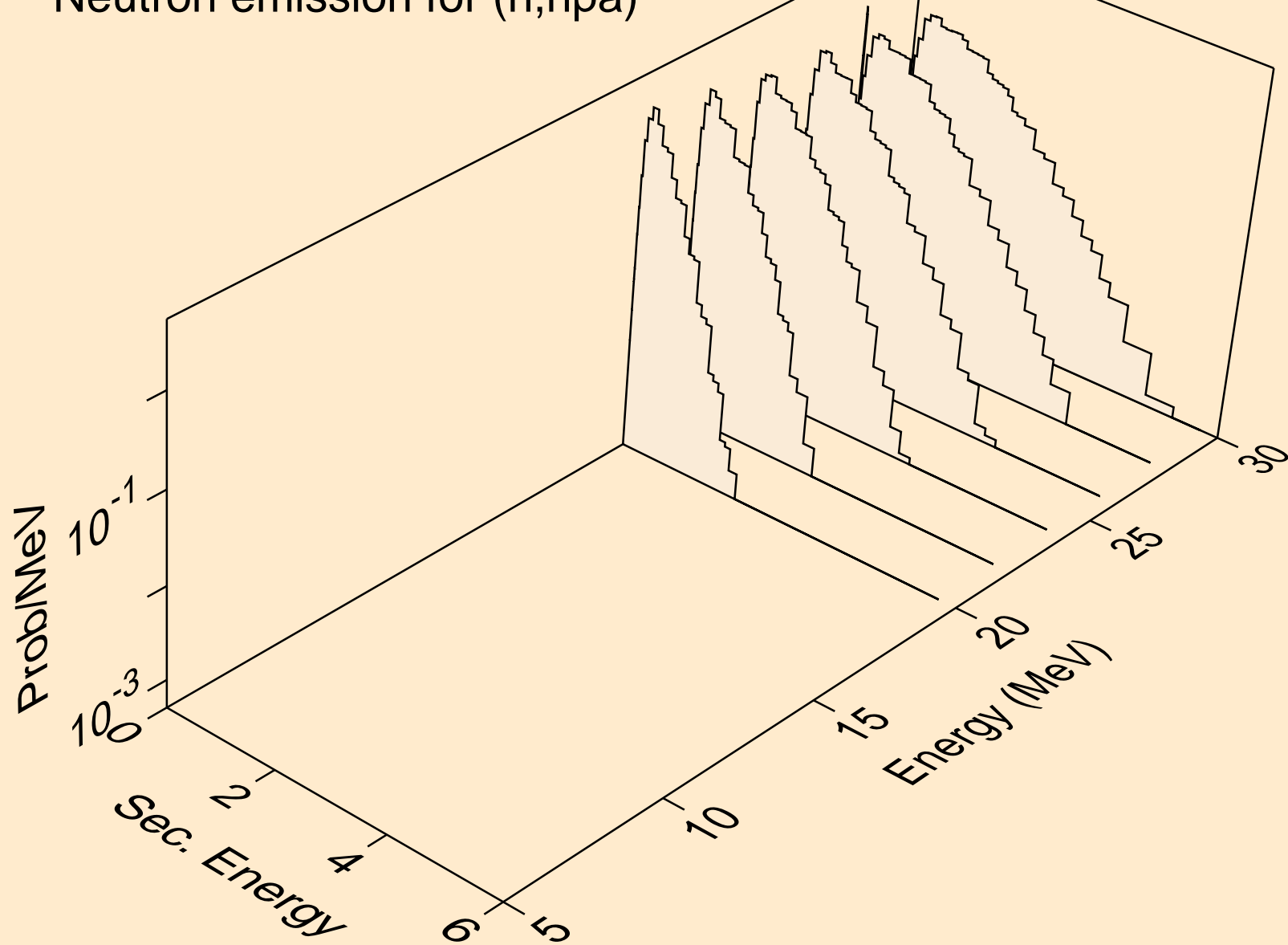
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



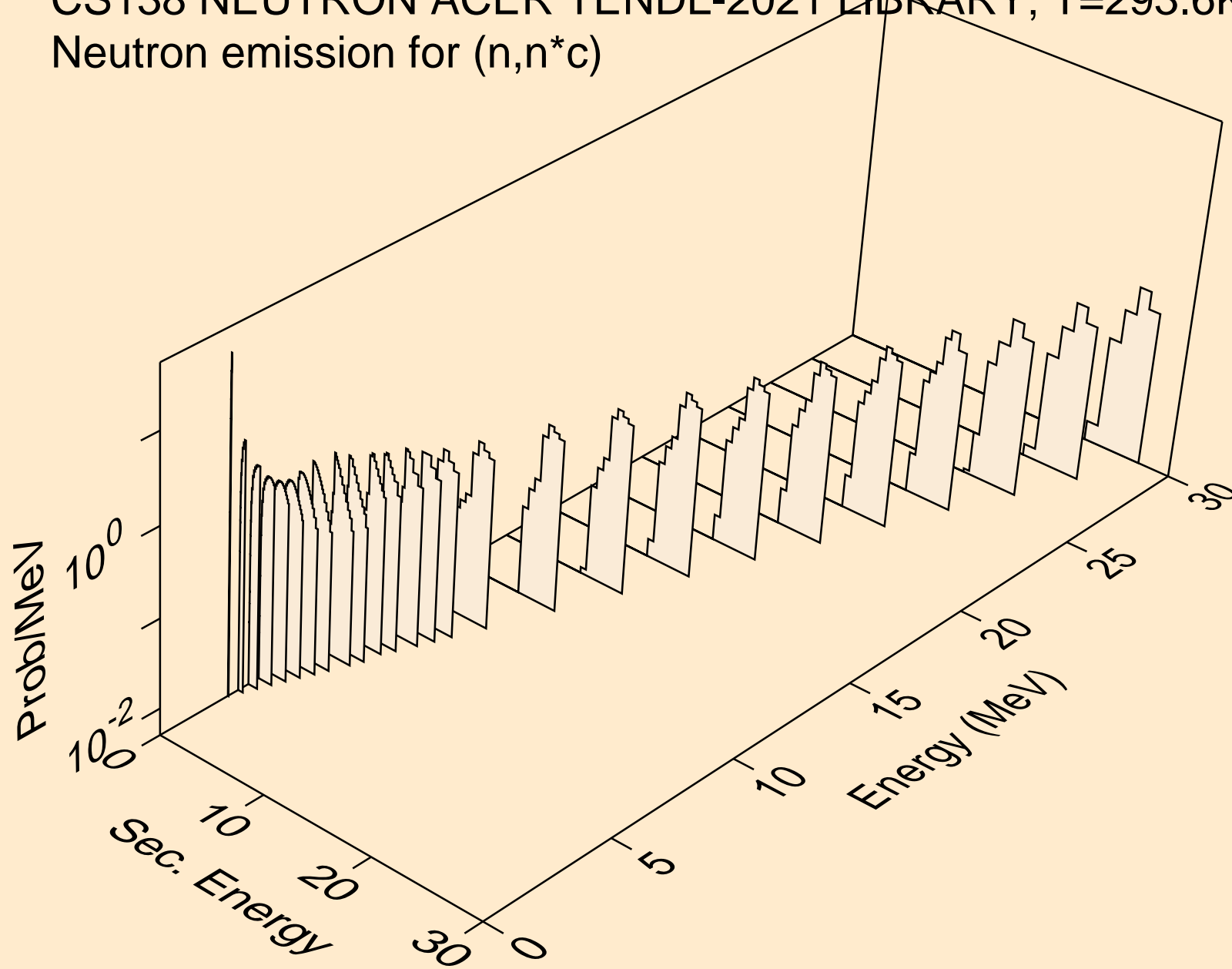
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Neutron emission for (n,2np)



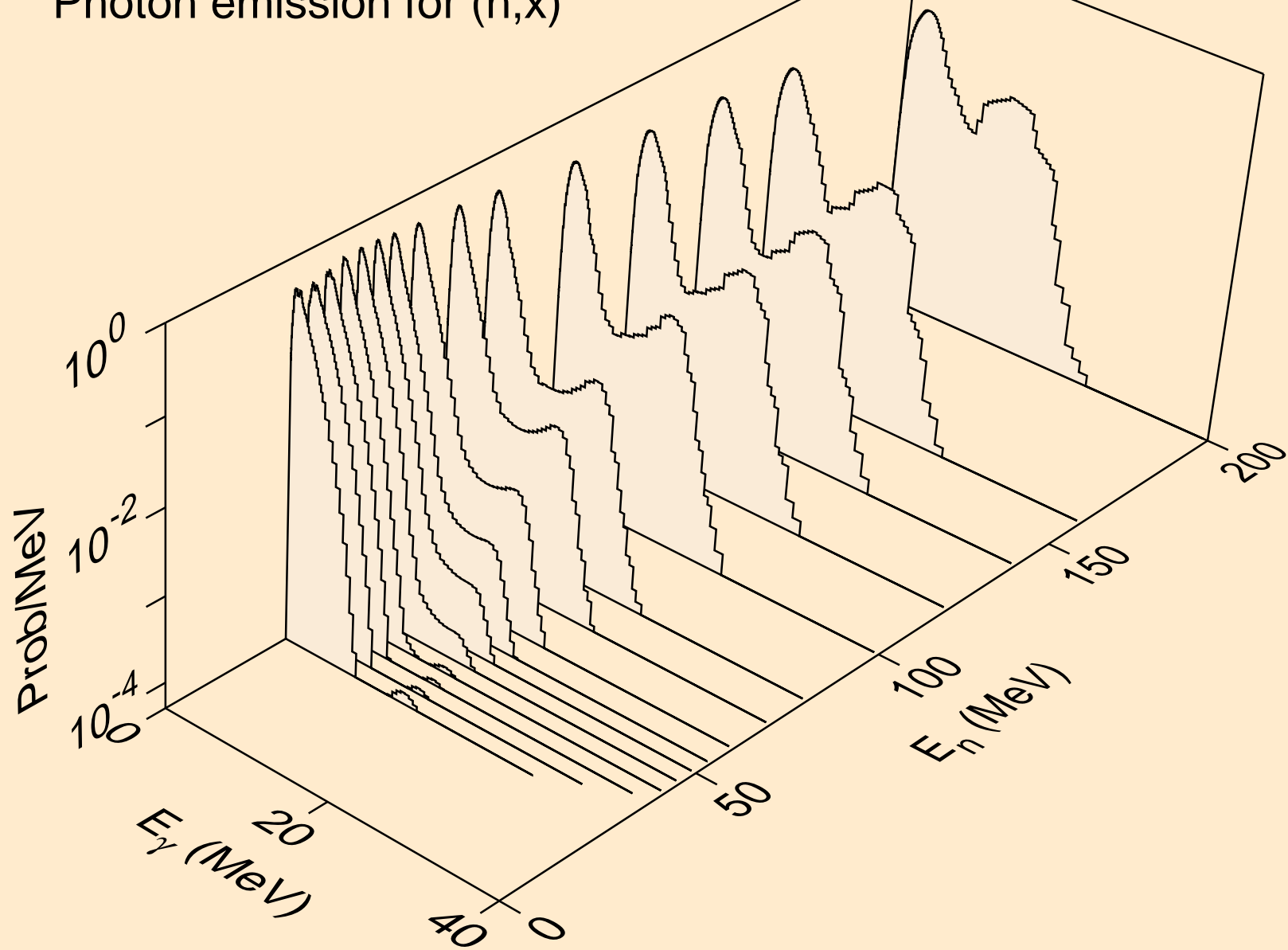
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



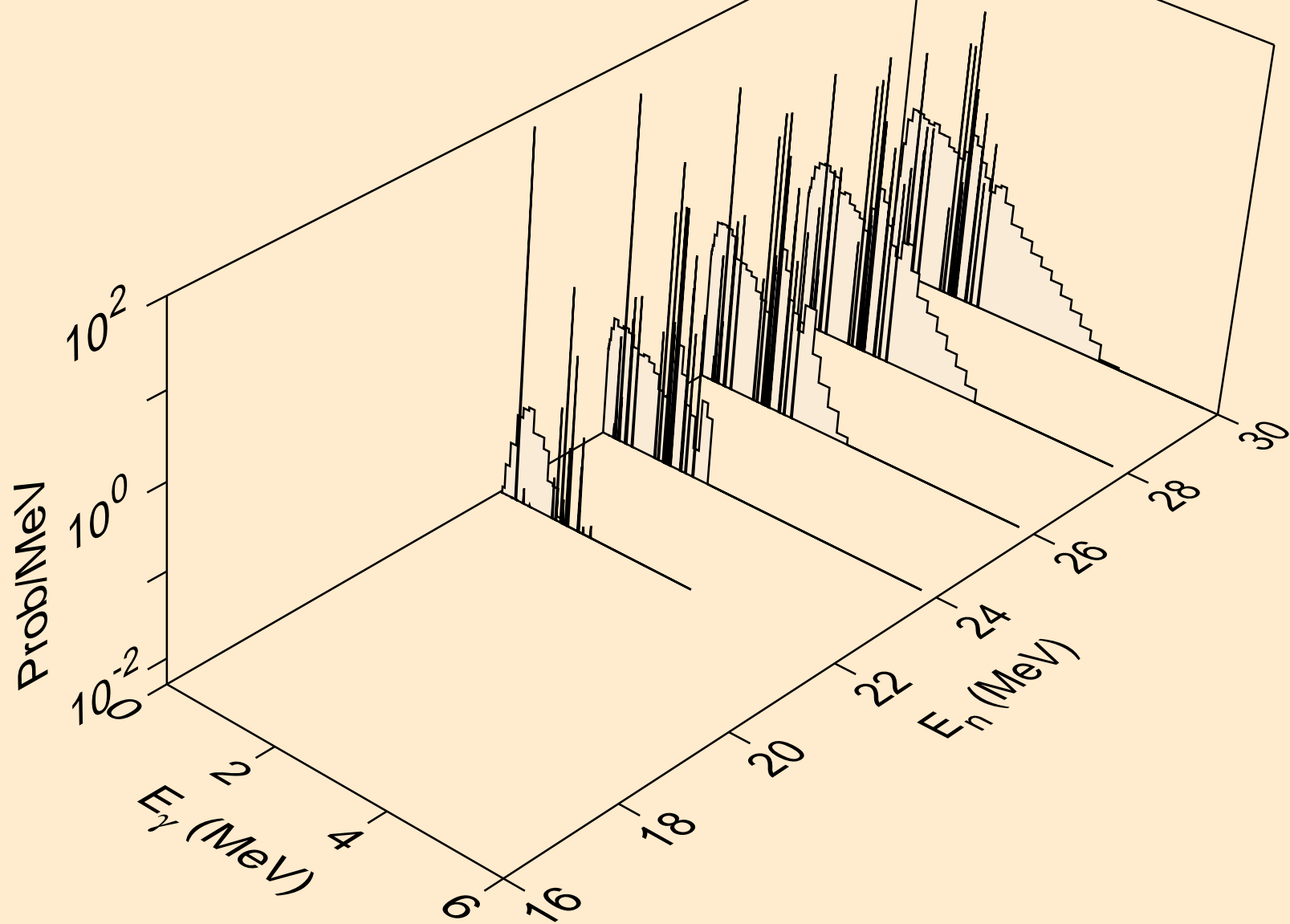
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



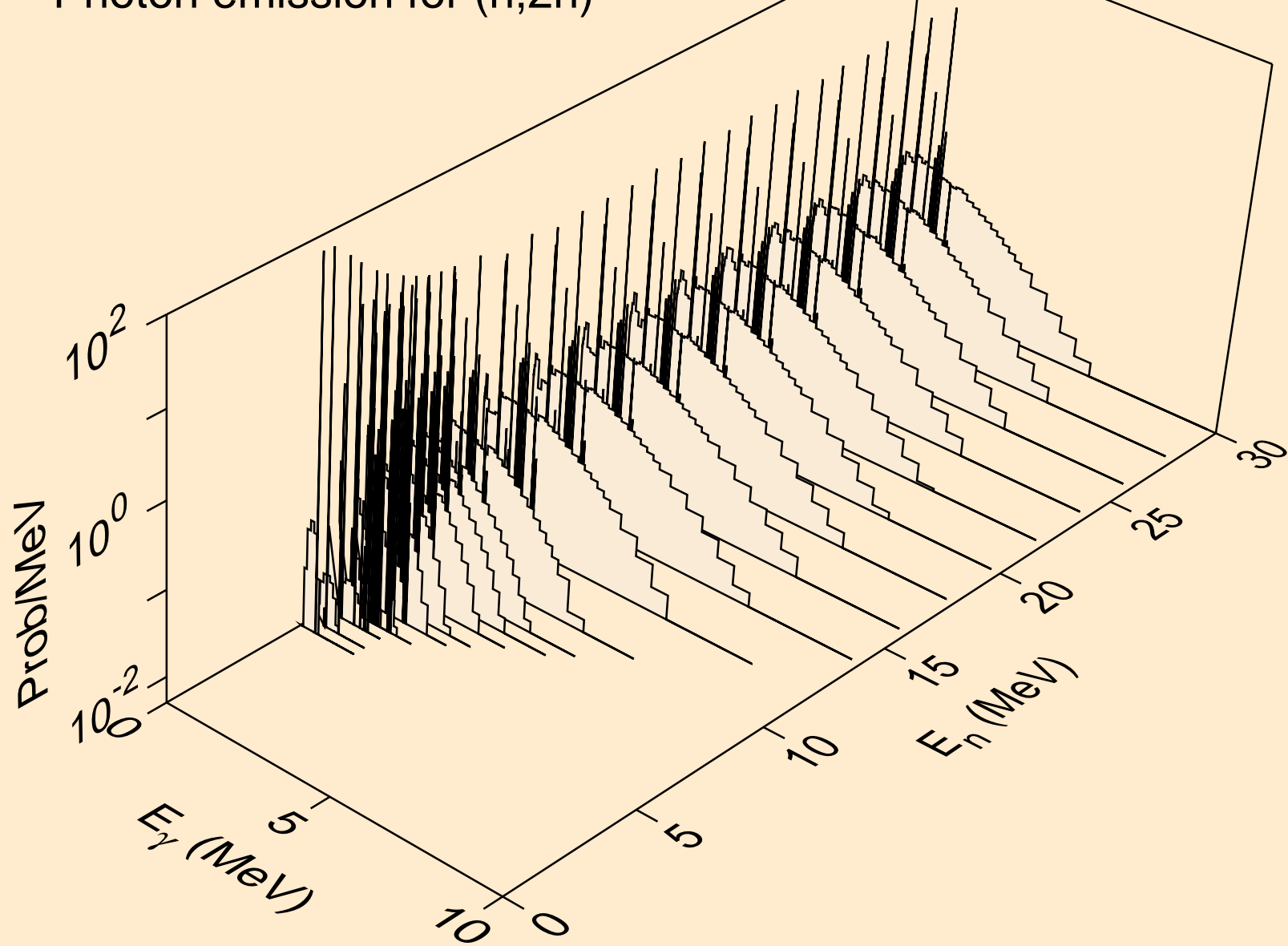
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



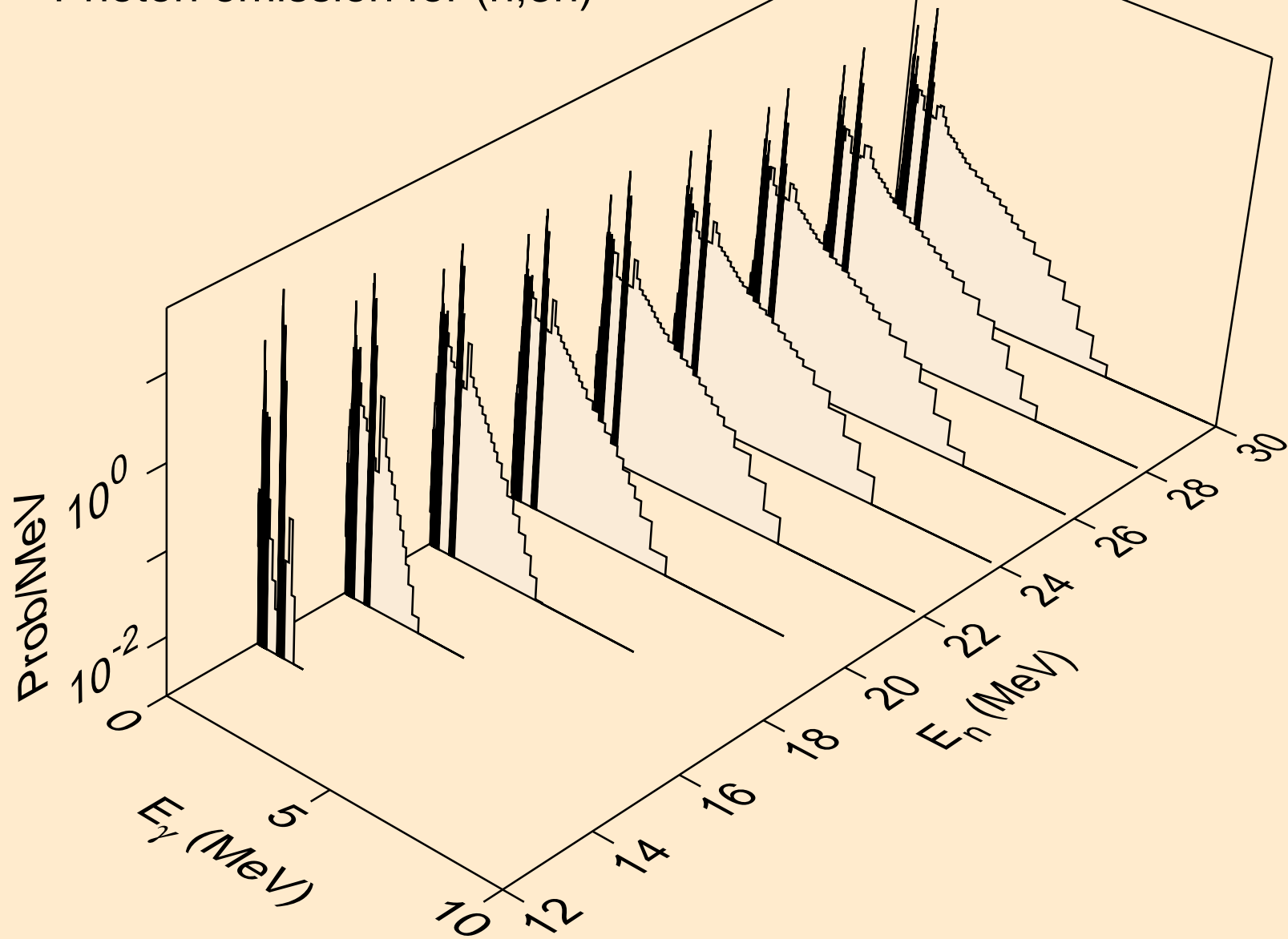
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



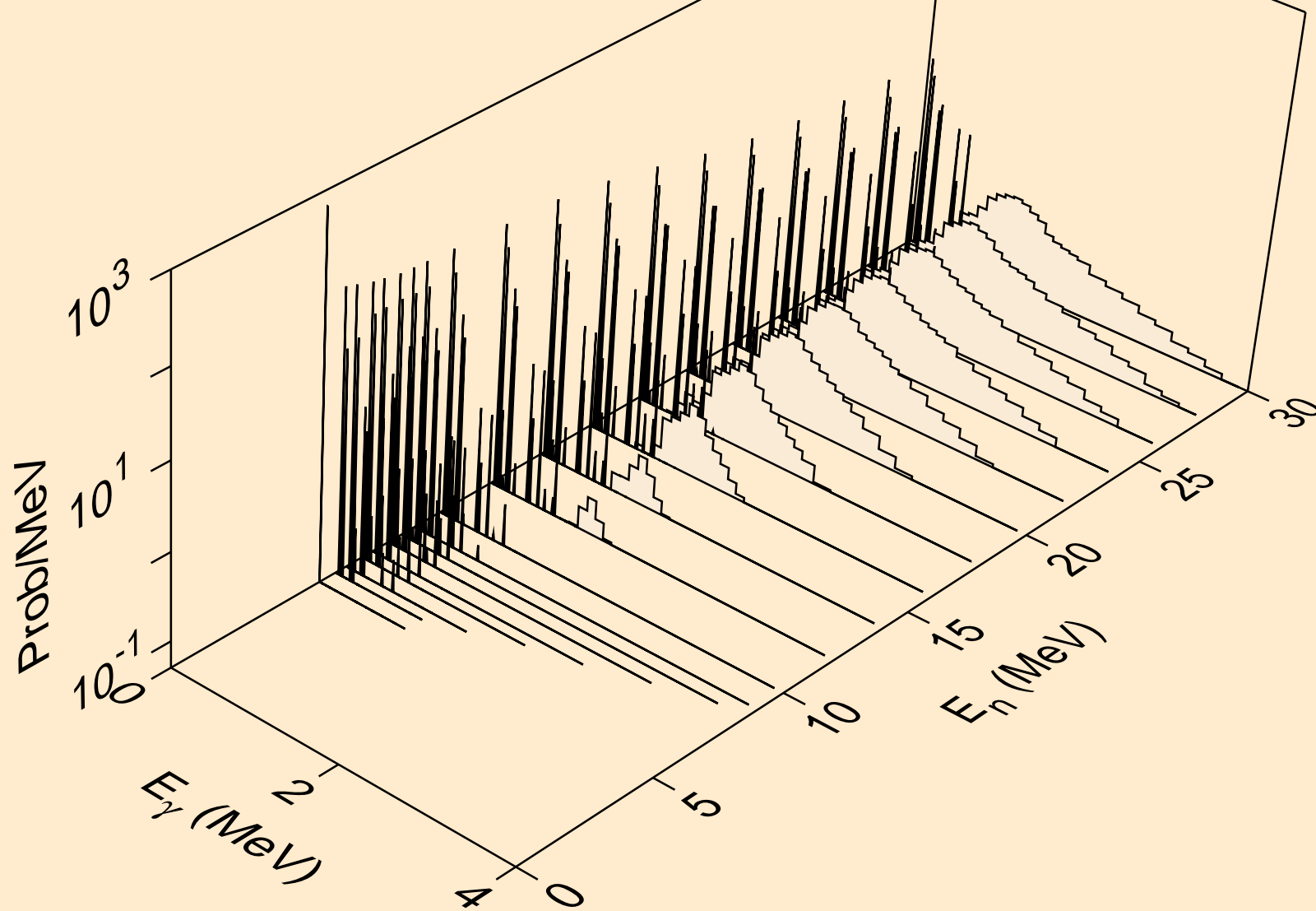
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



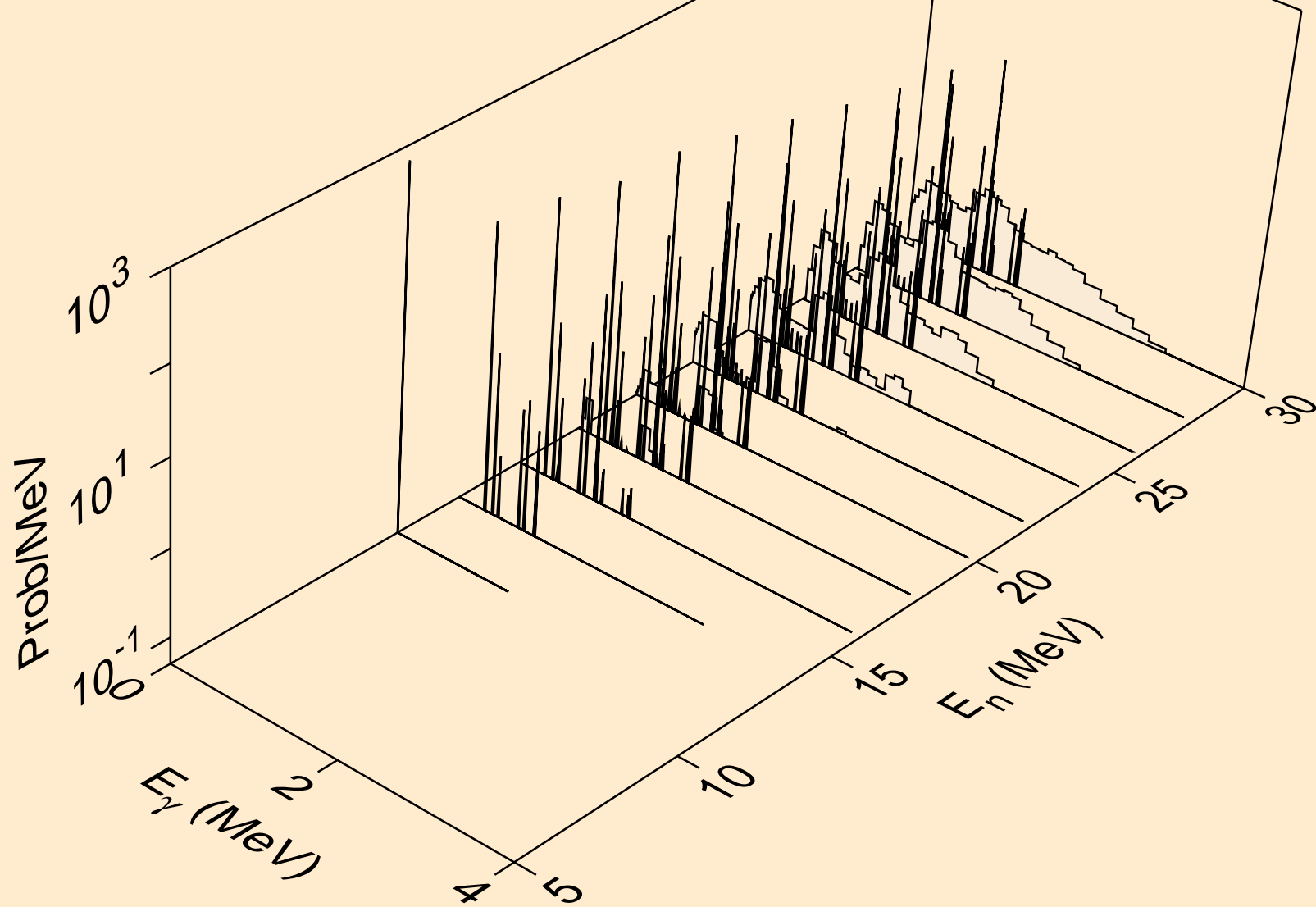
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



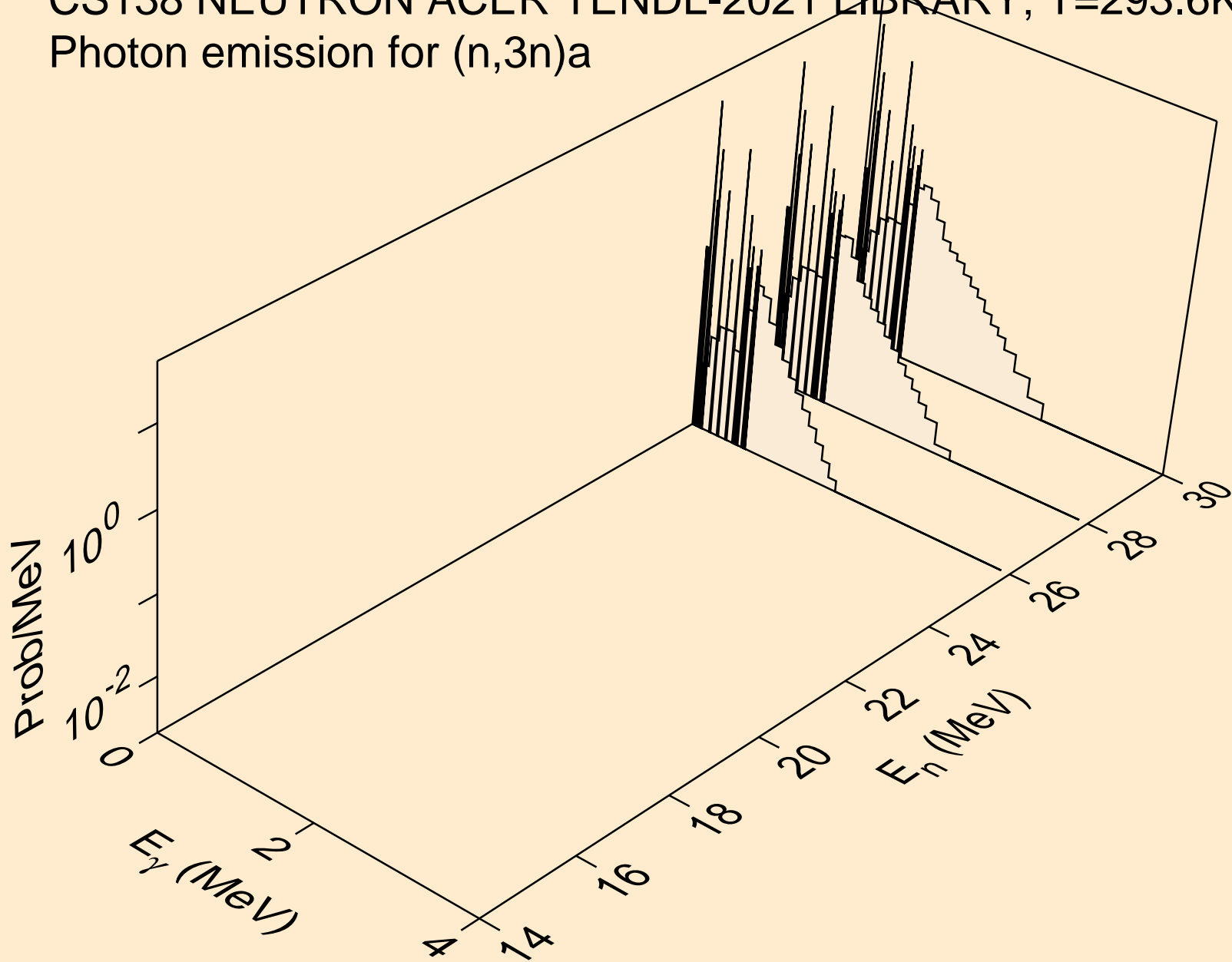
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



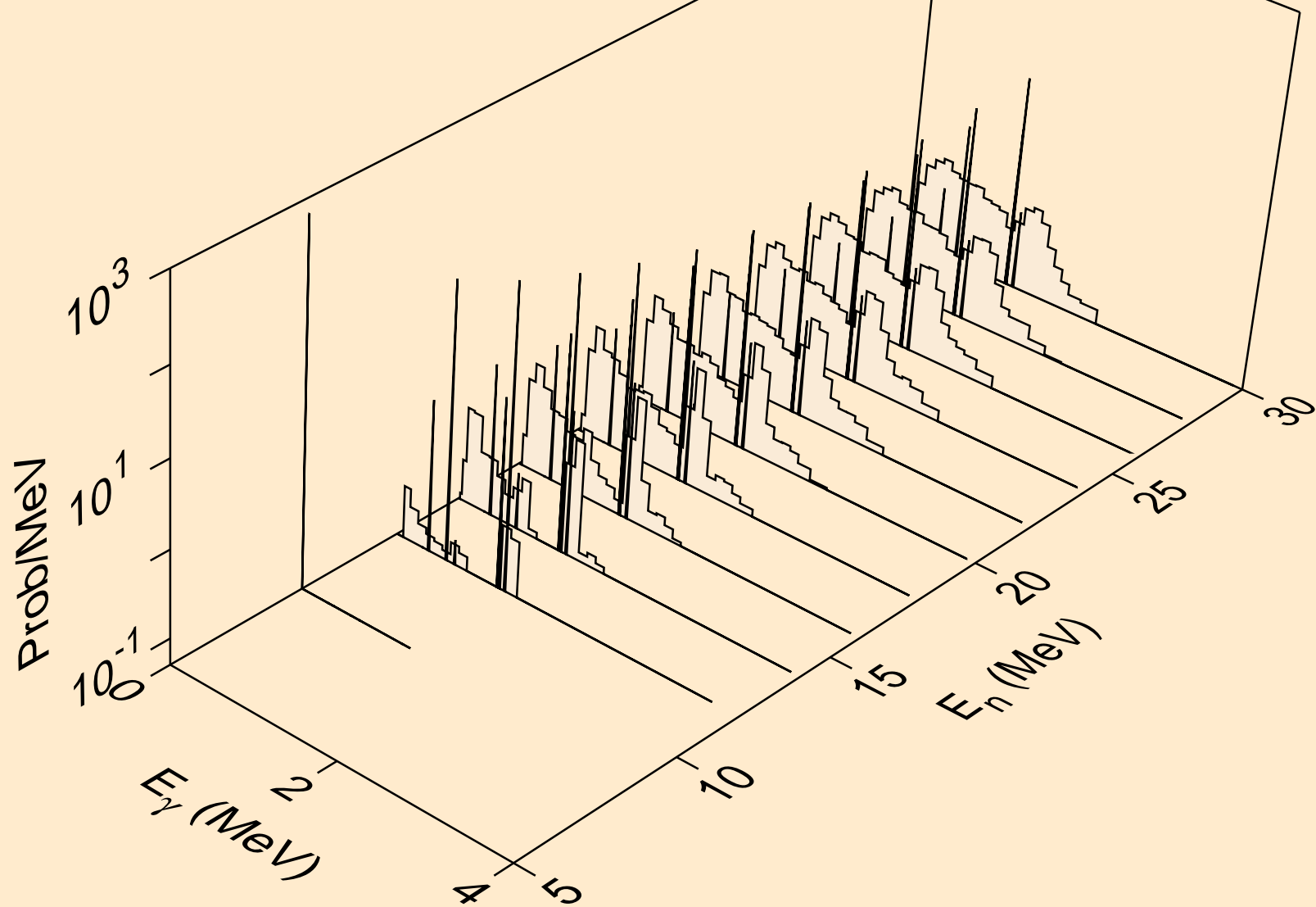
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)a



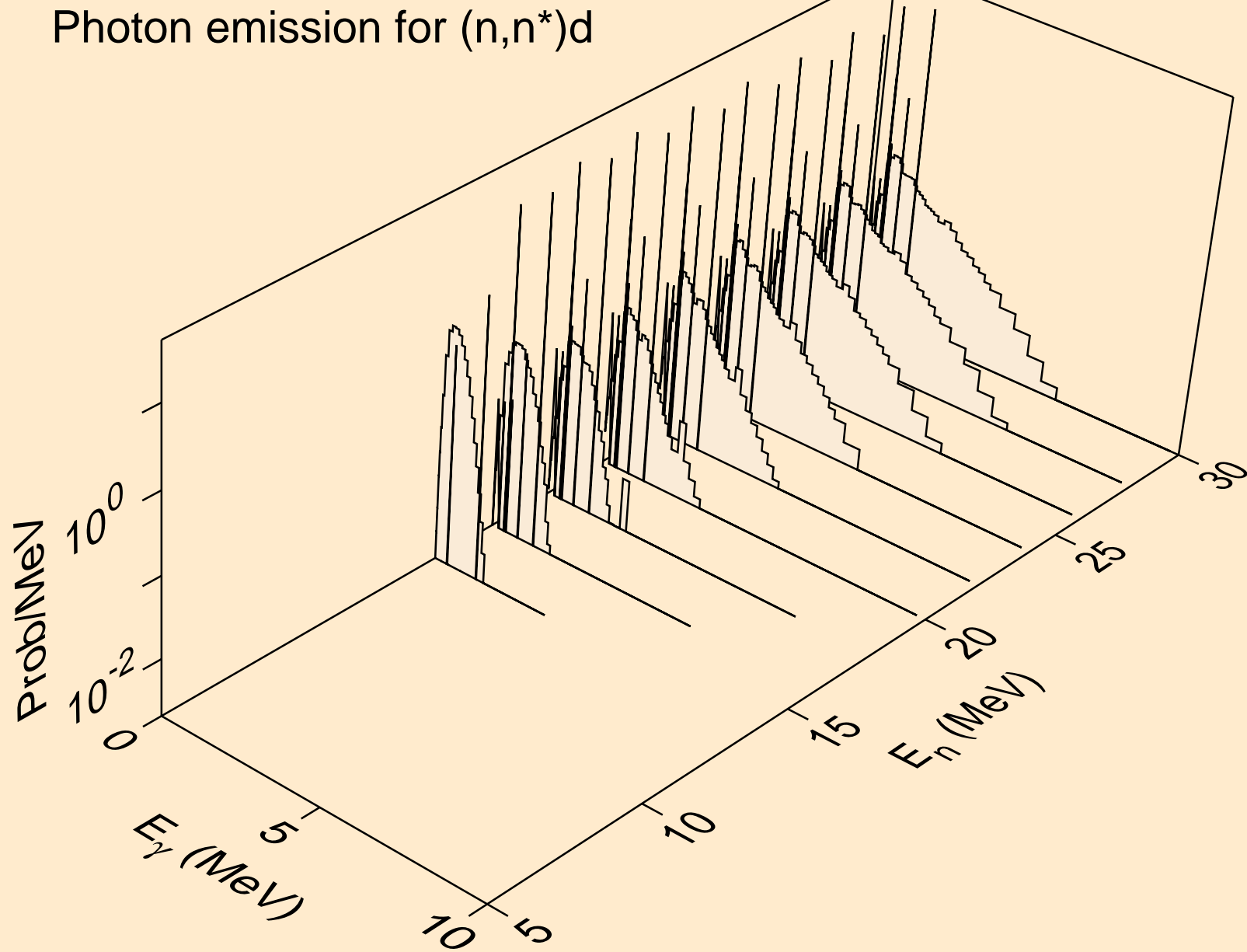
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)a



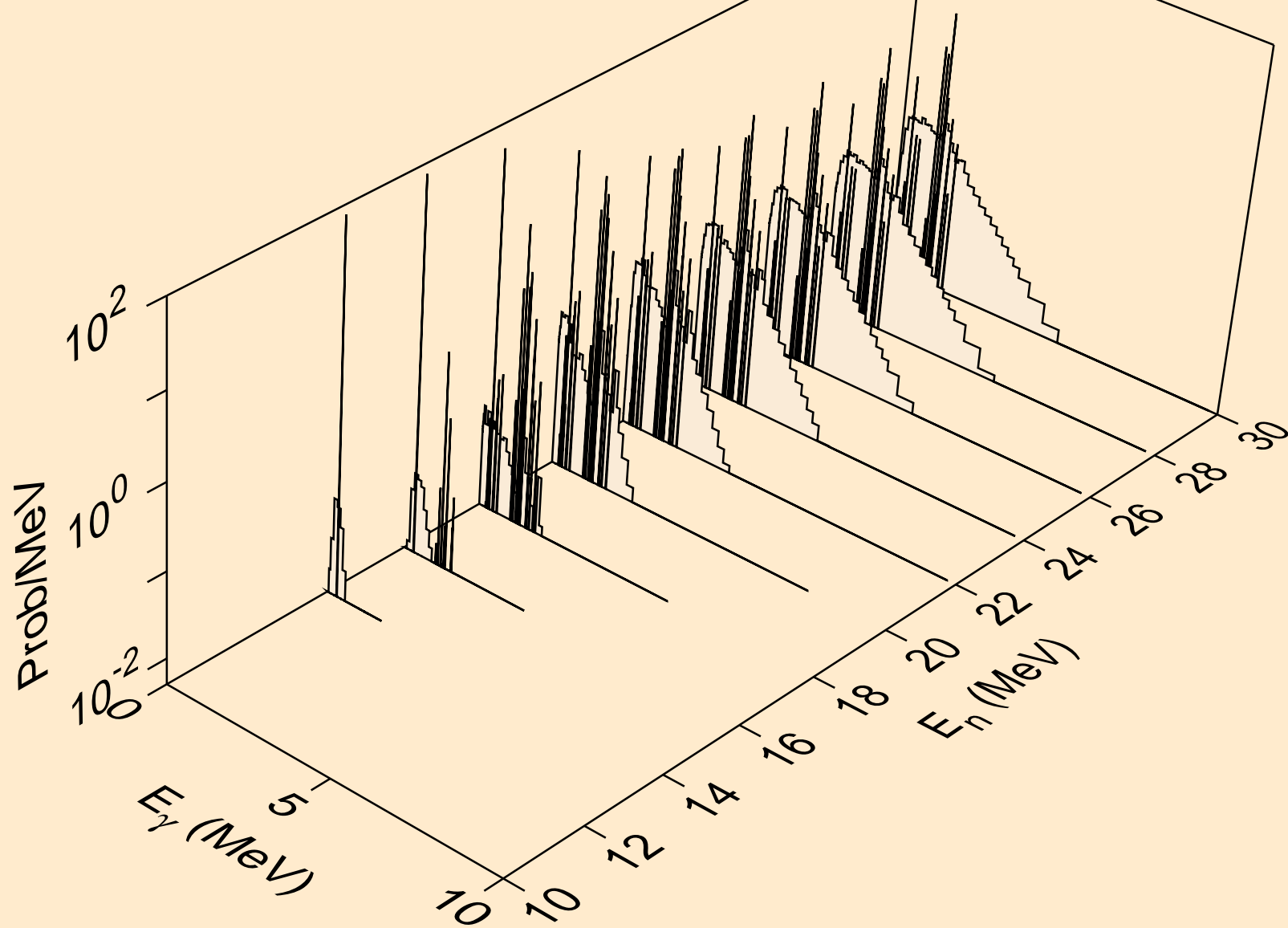
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



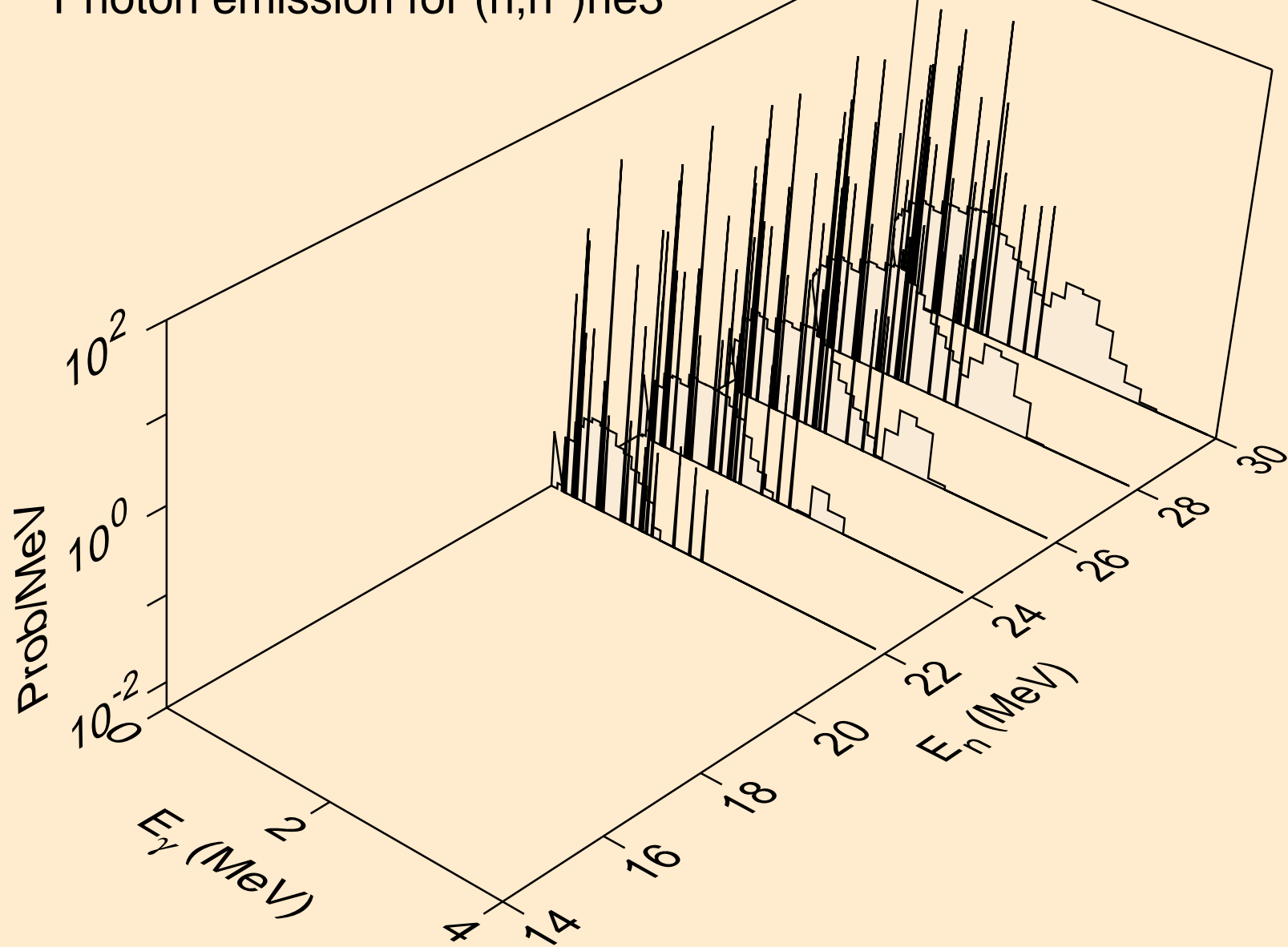
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



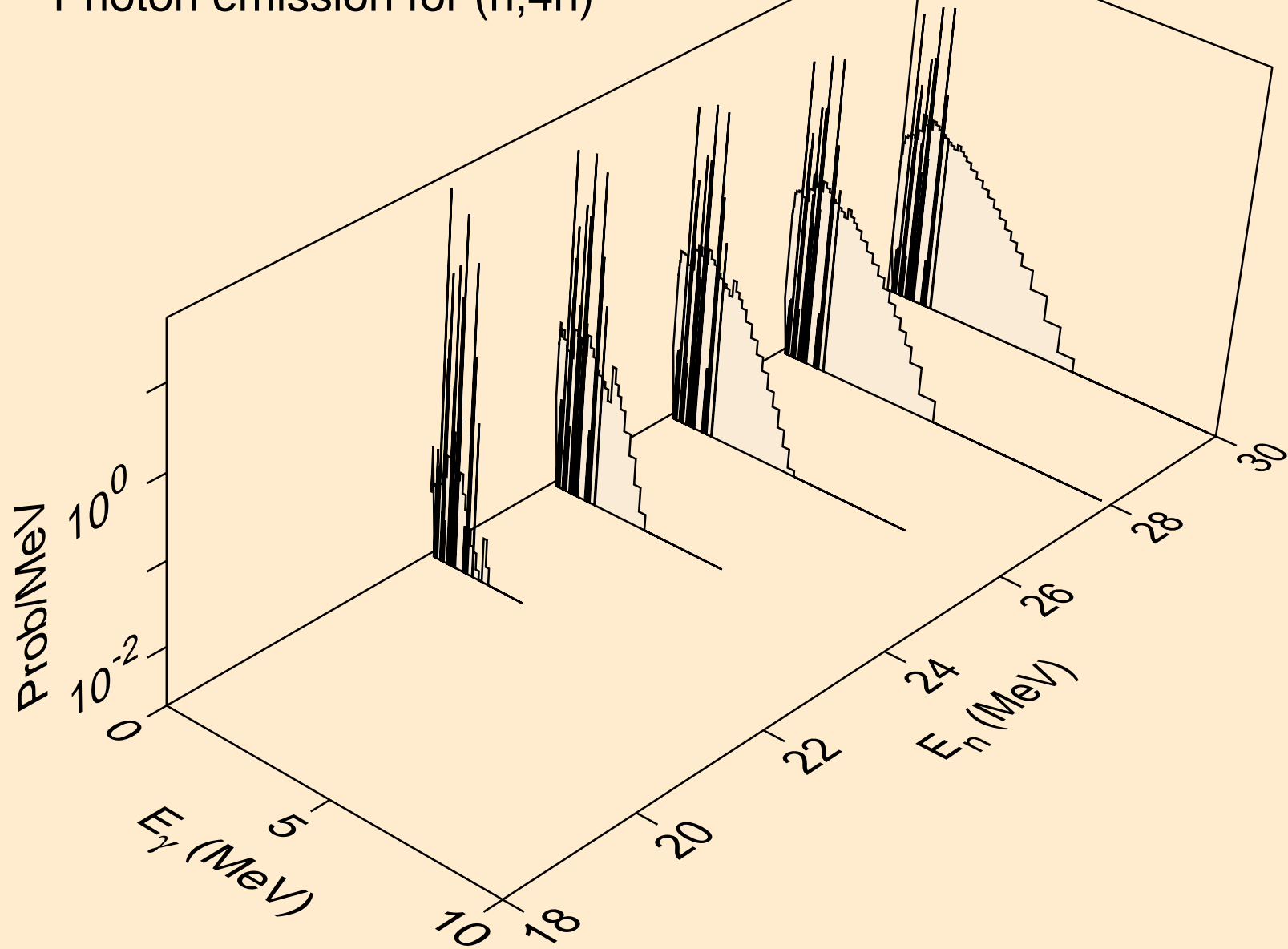
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



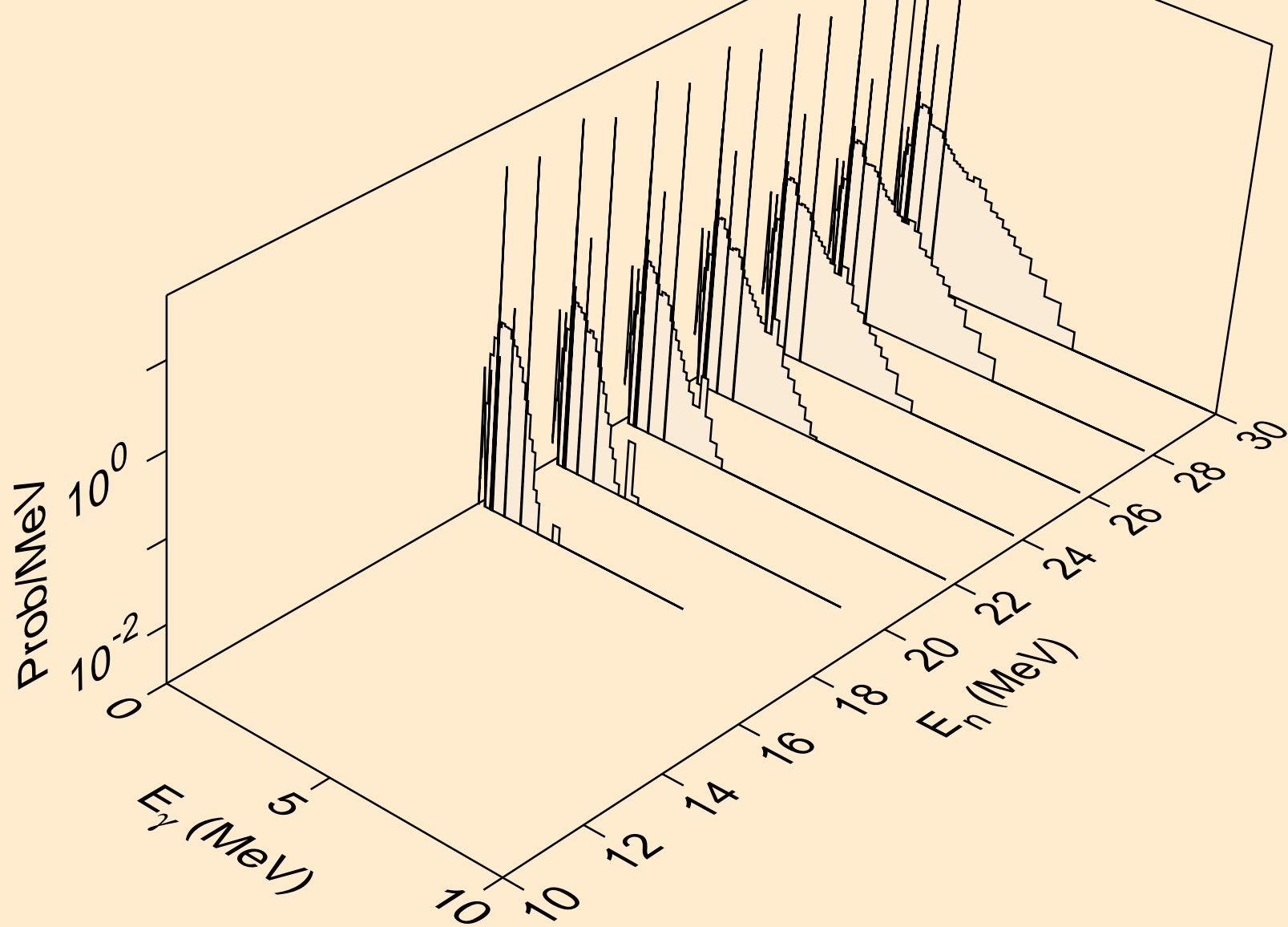
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



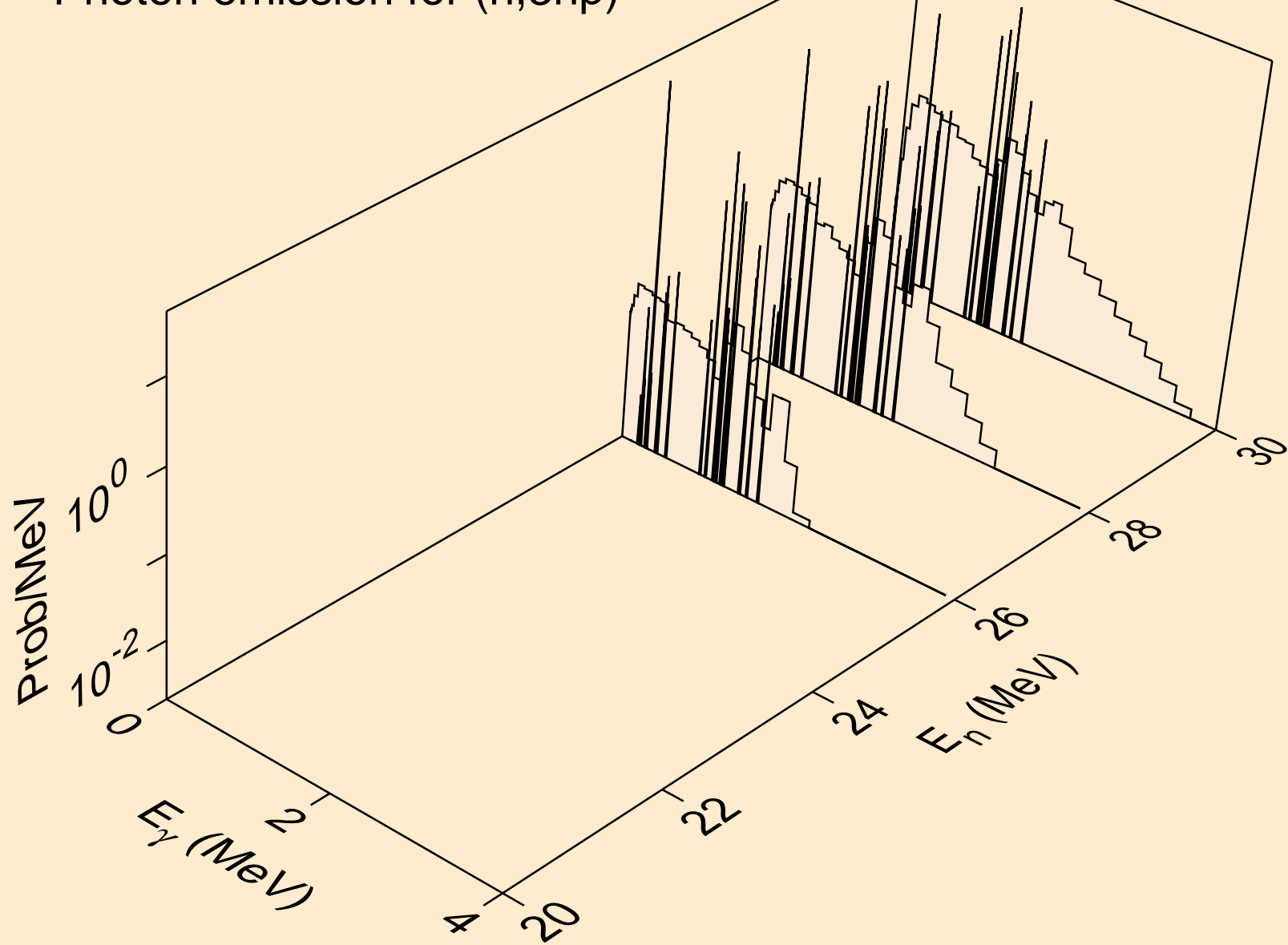
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



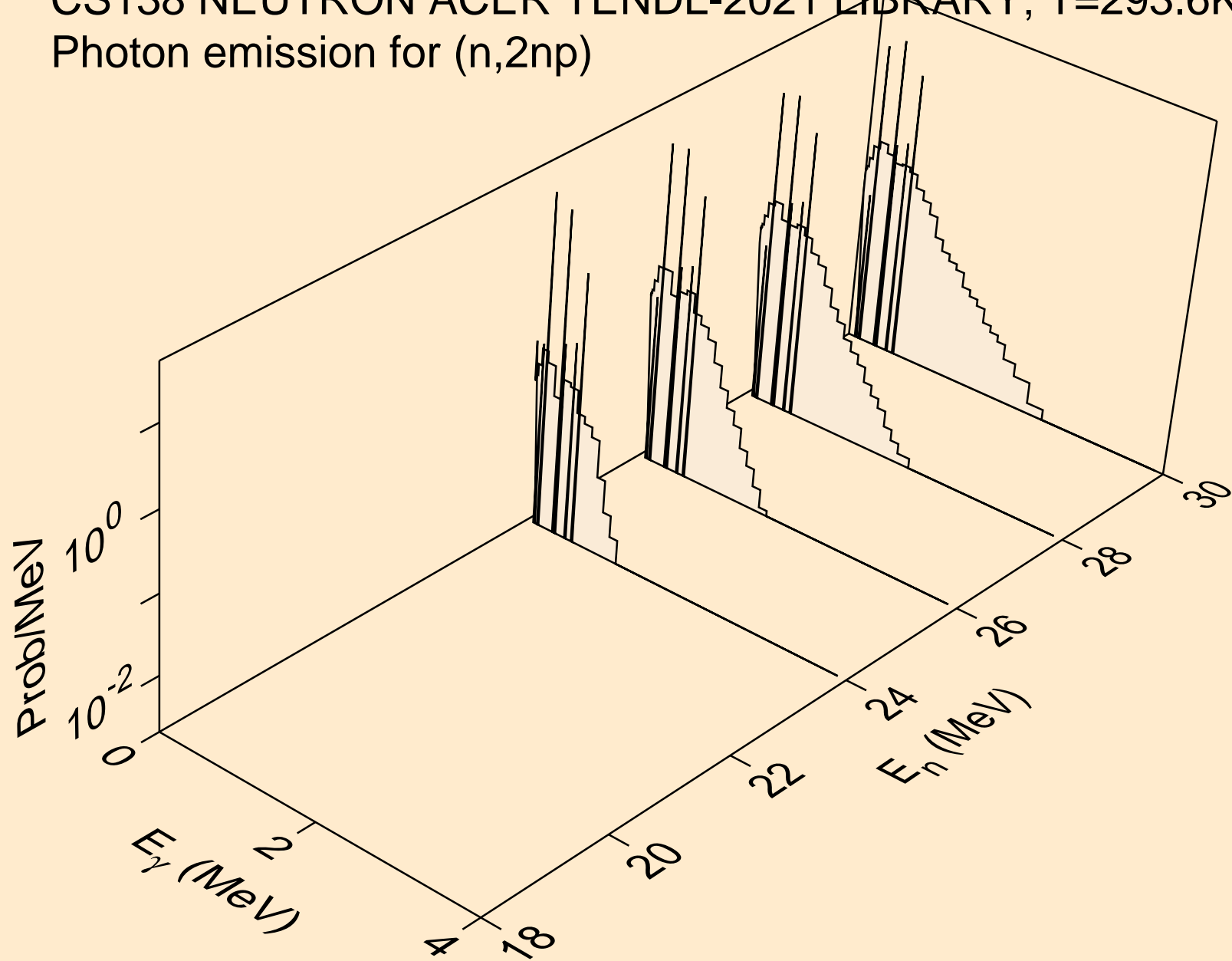
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



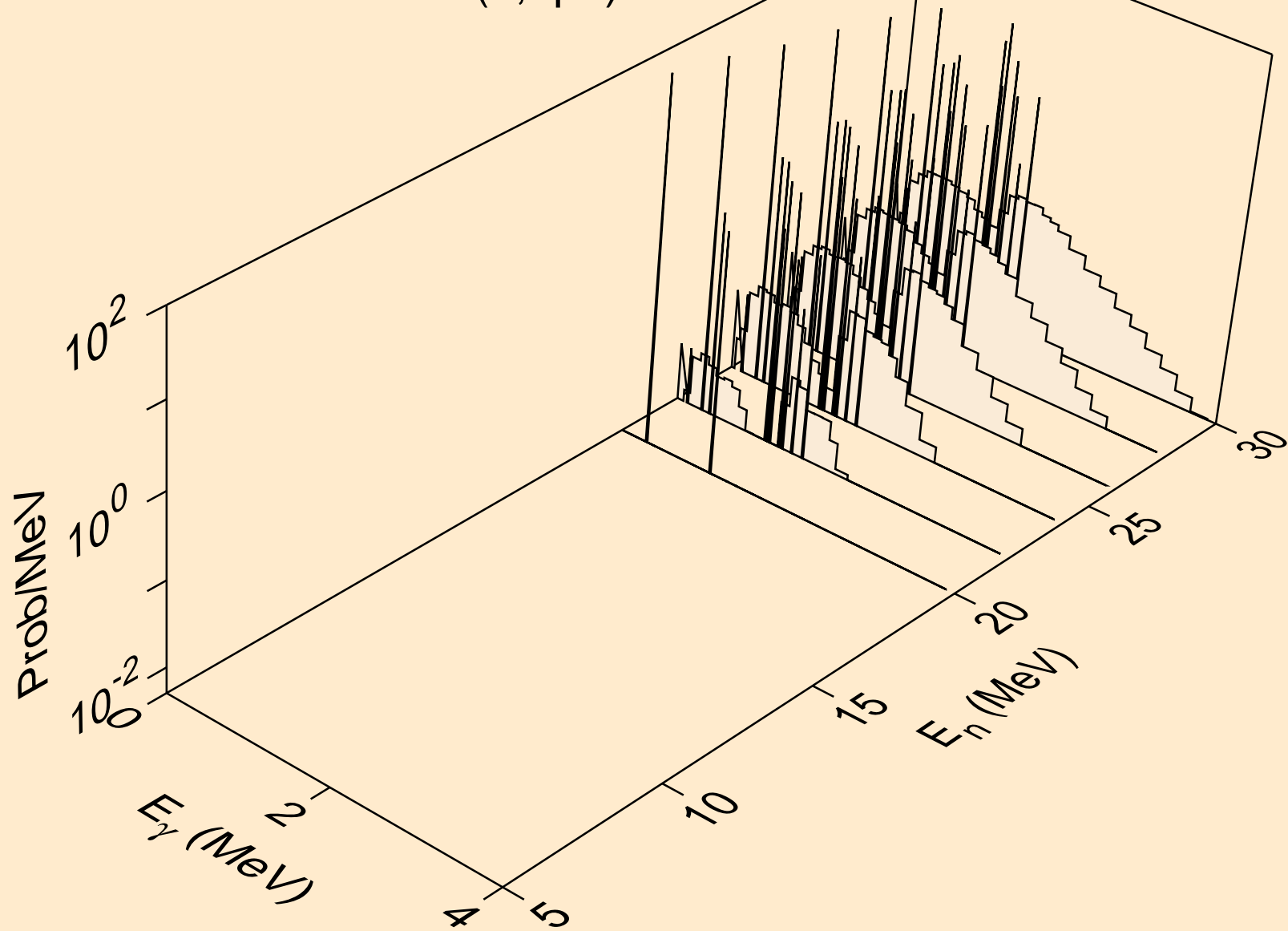
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



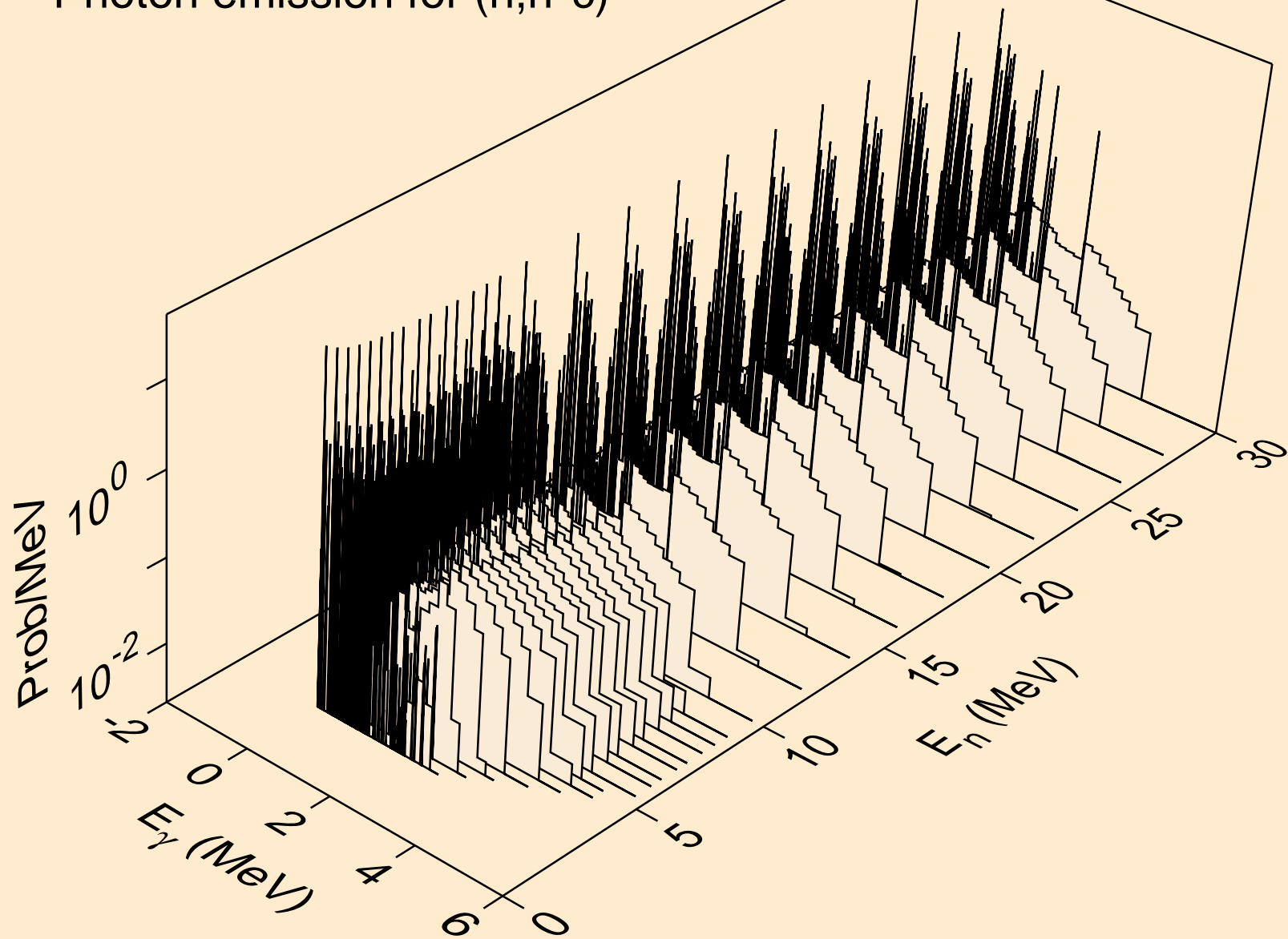
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



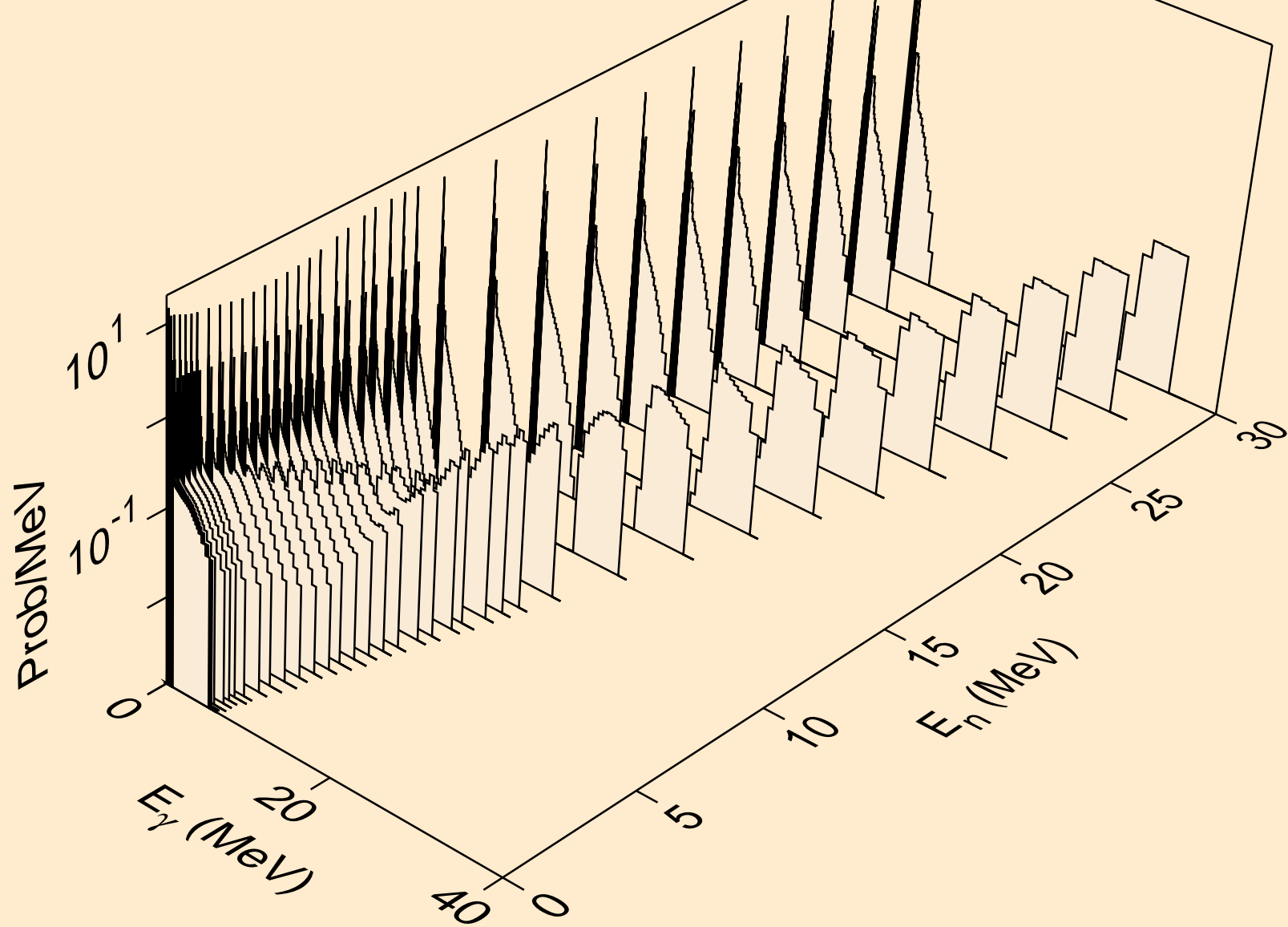
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



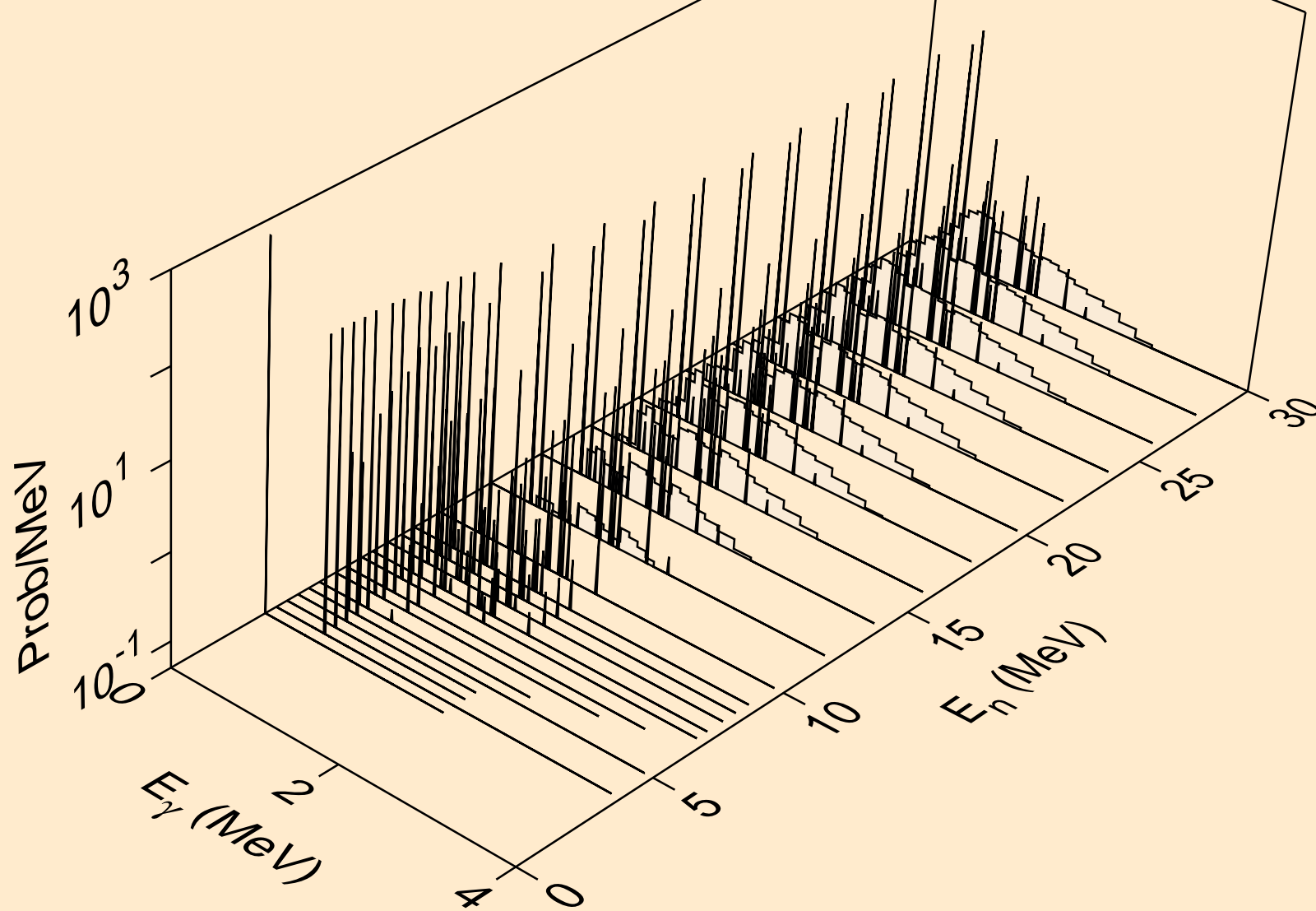
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



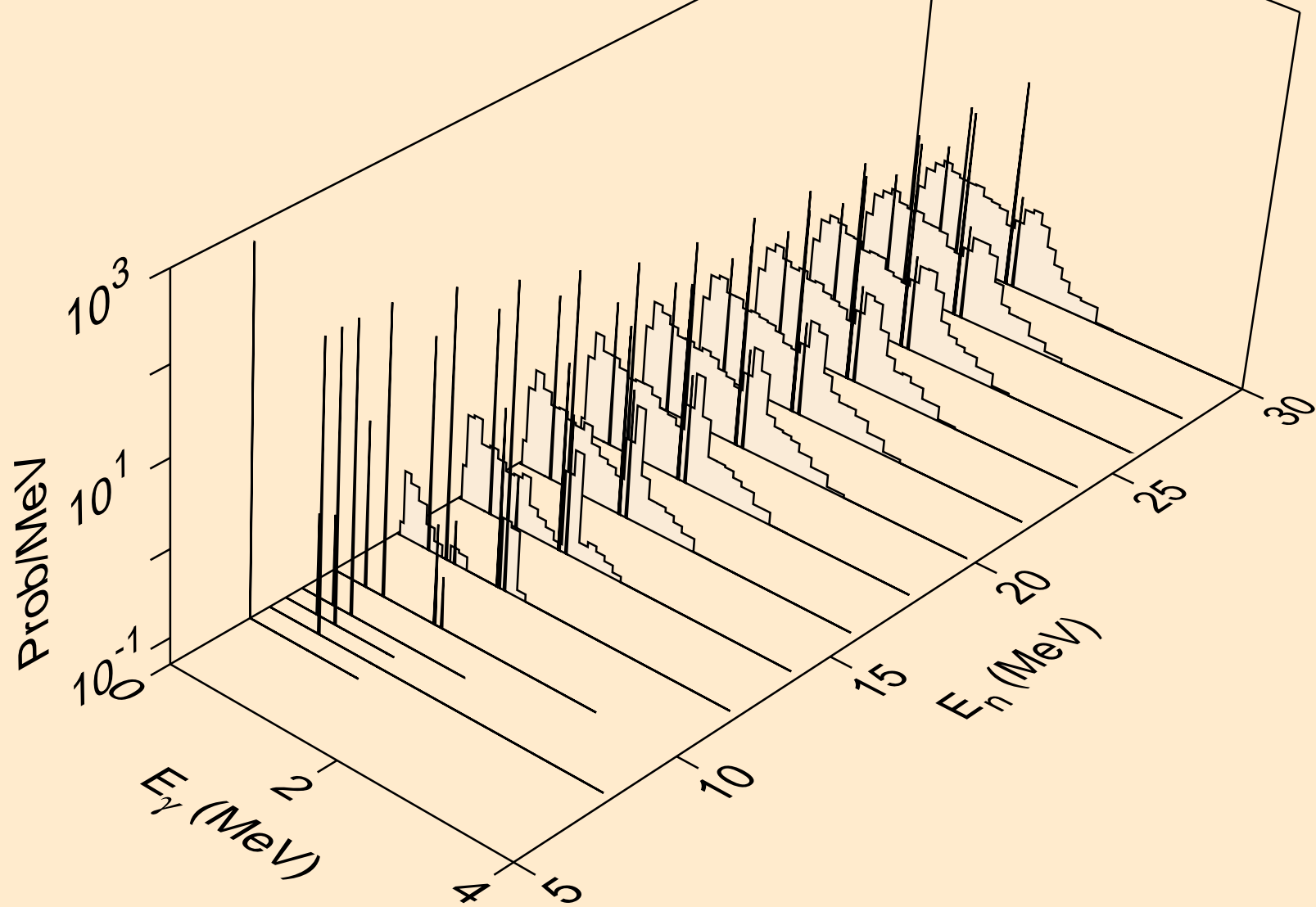
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



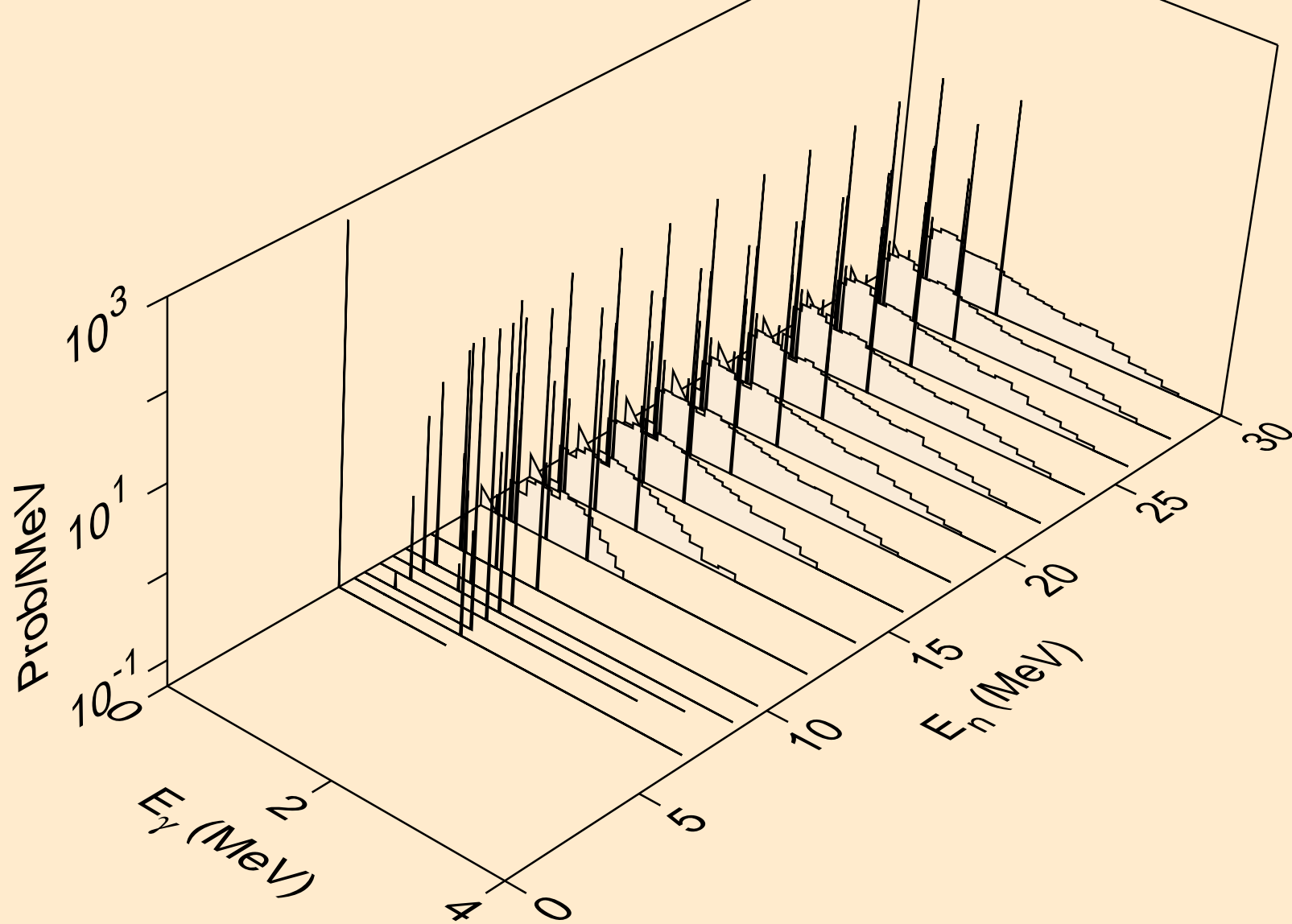
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



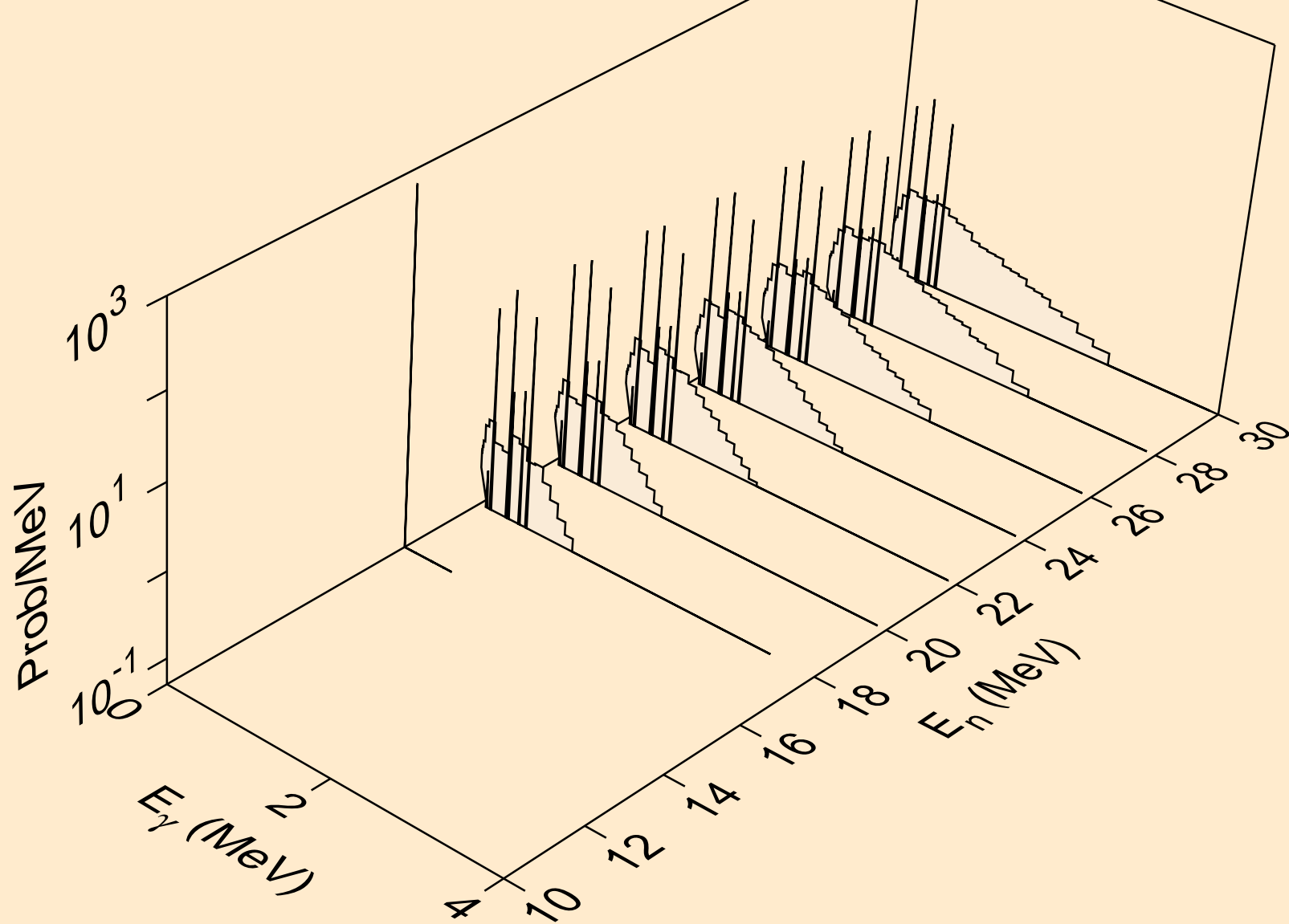
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



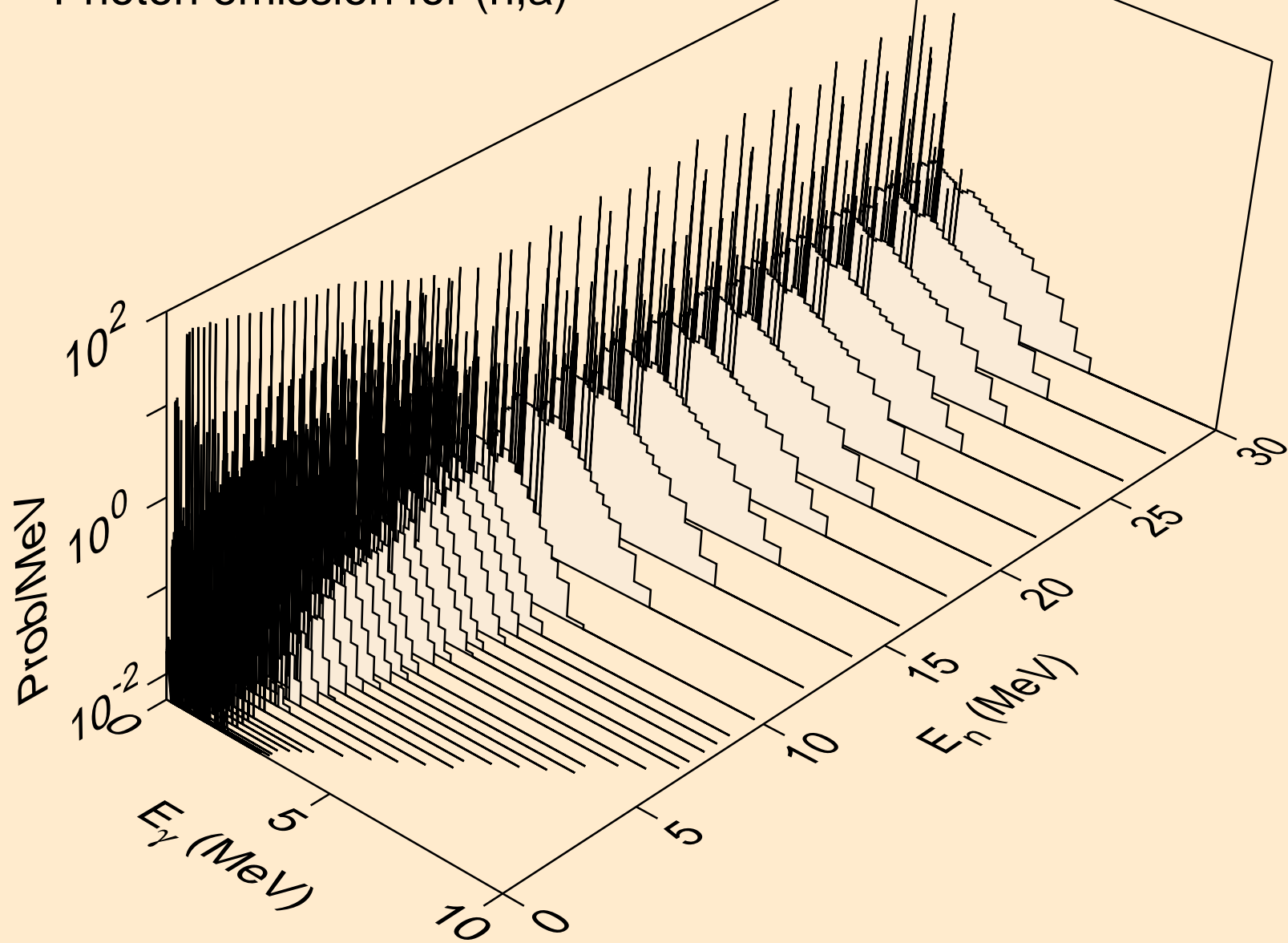
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



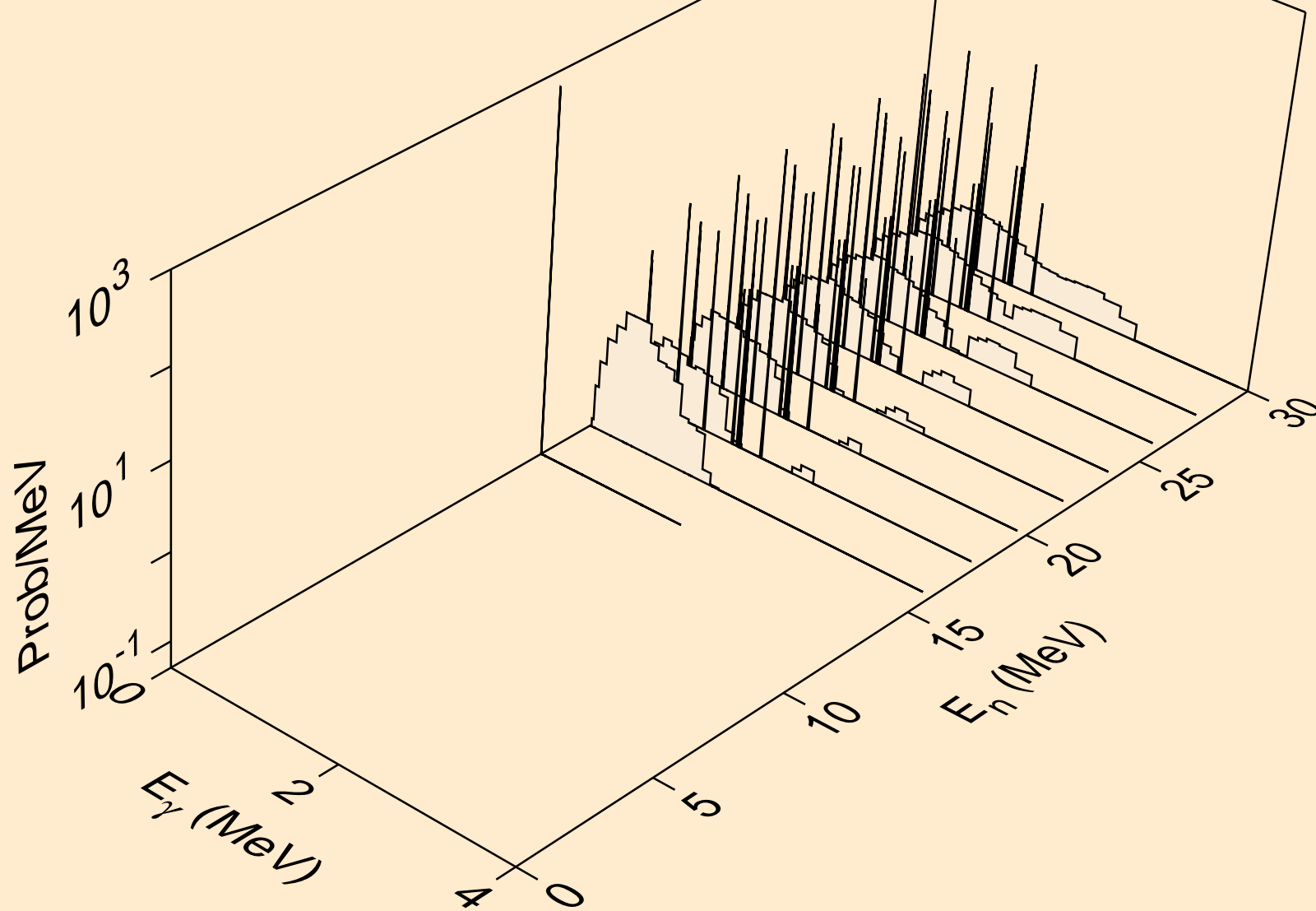
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



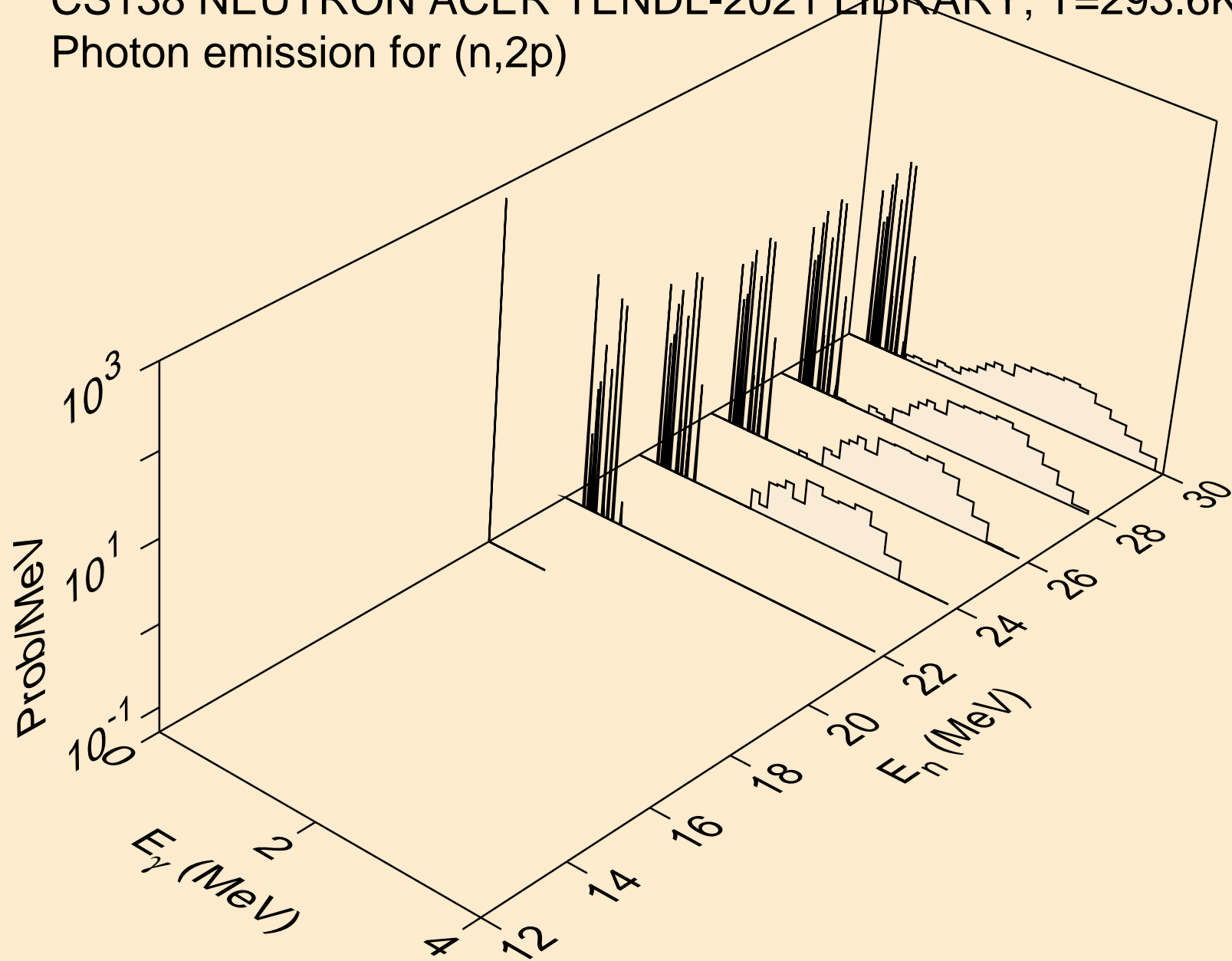
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



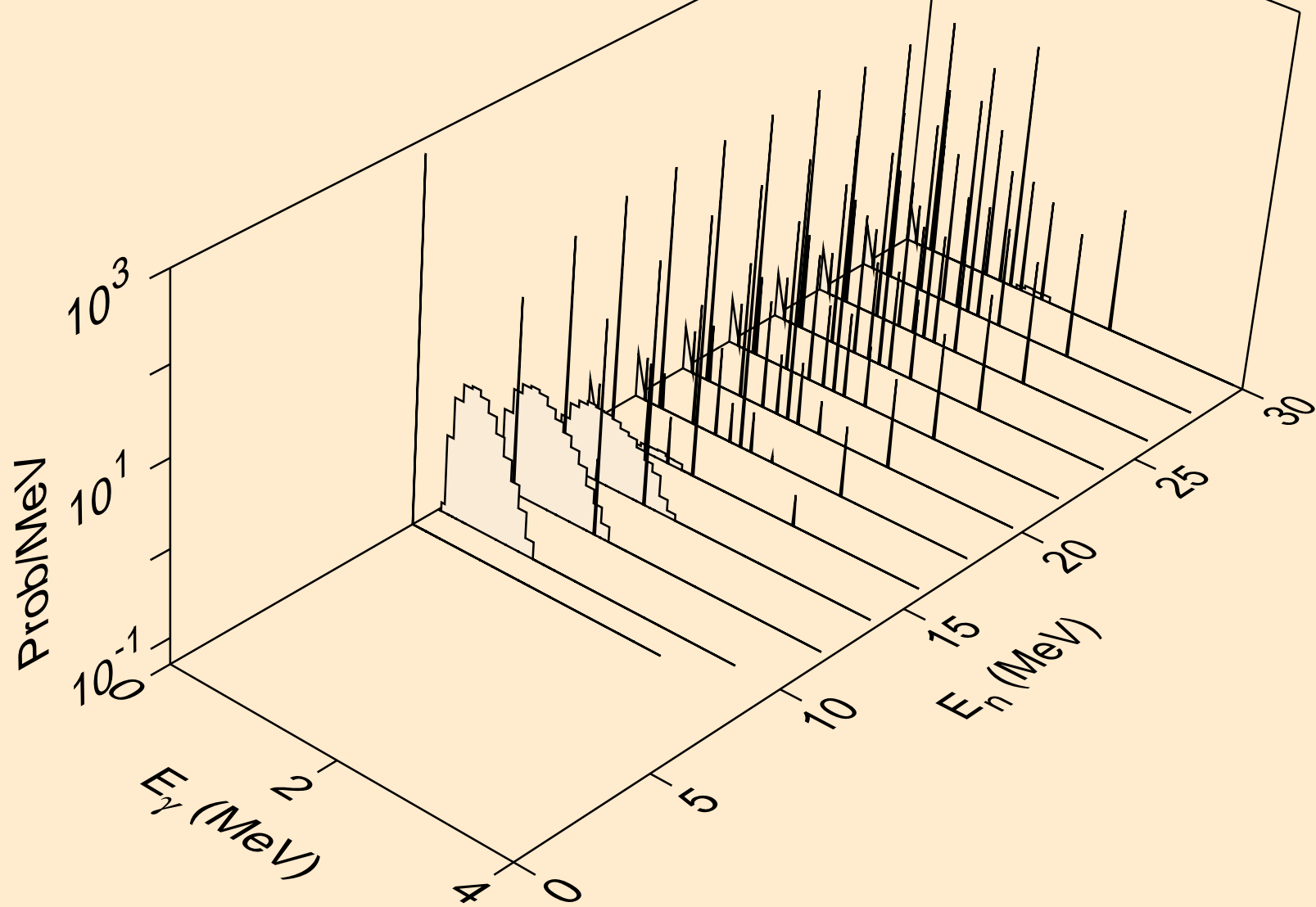
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



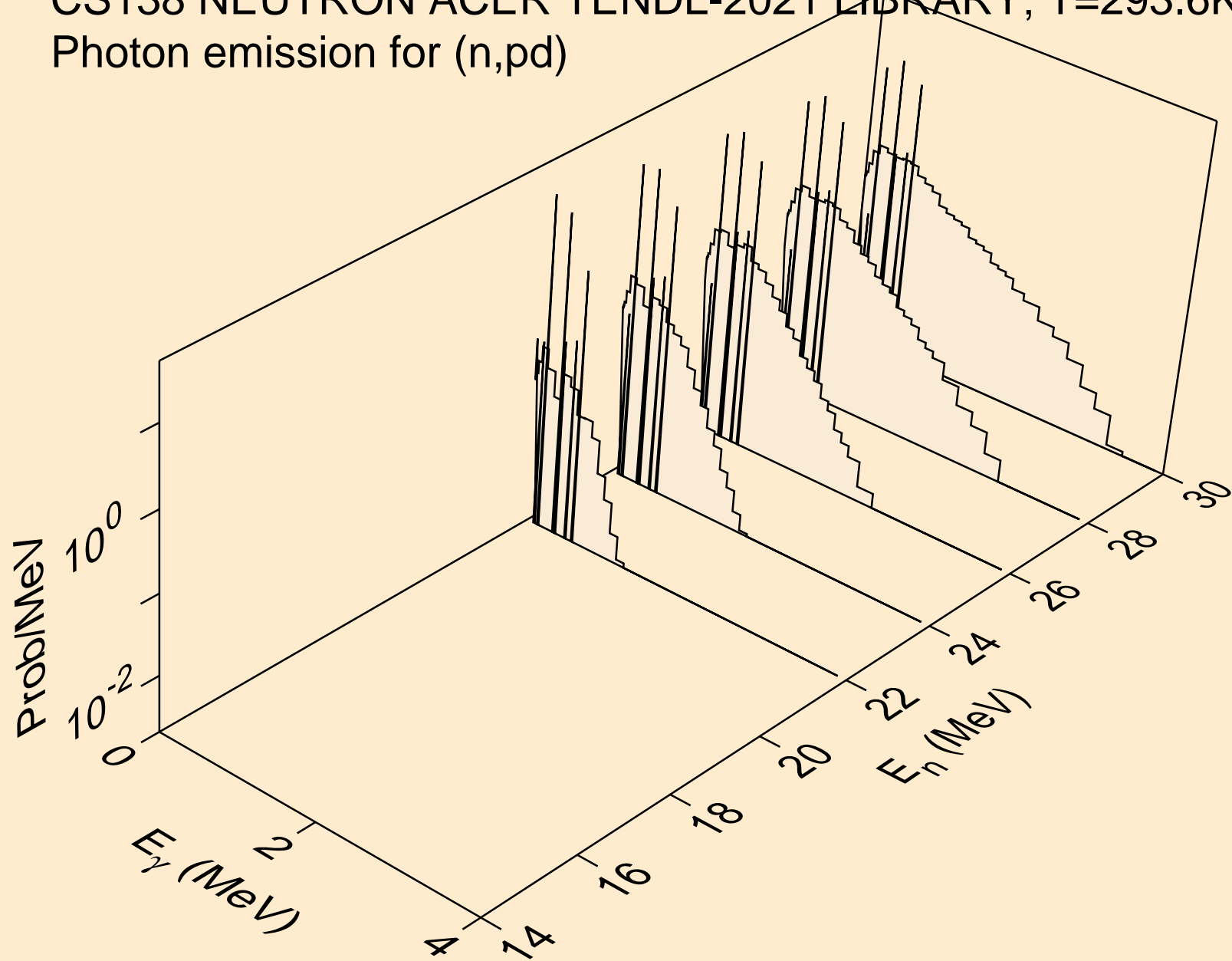
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



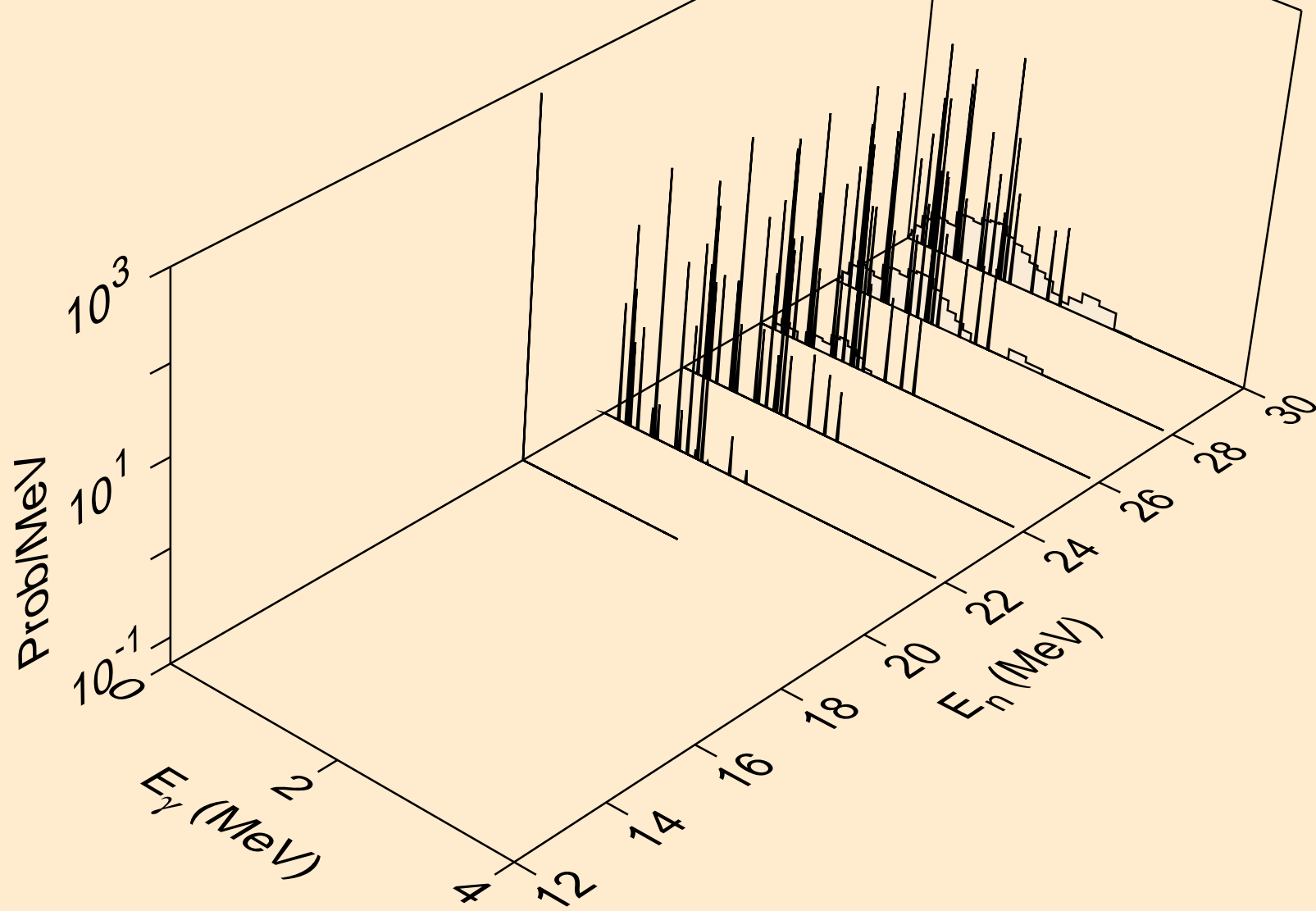
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p α)



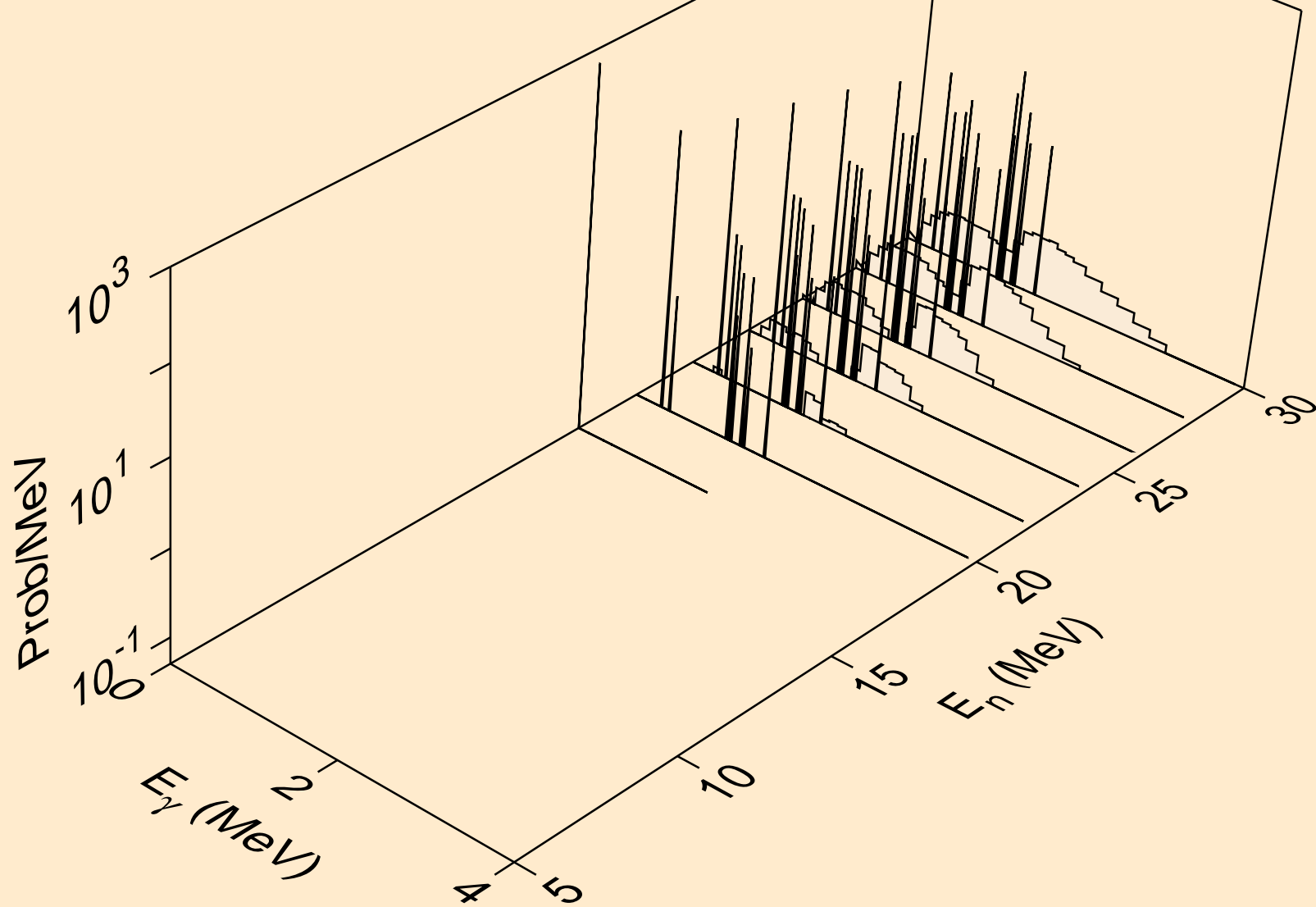
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



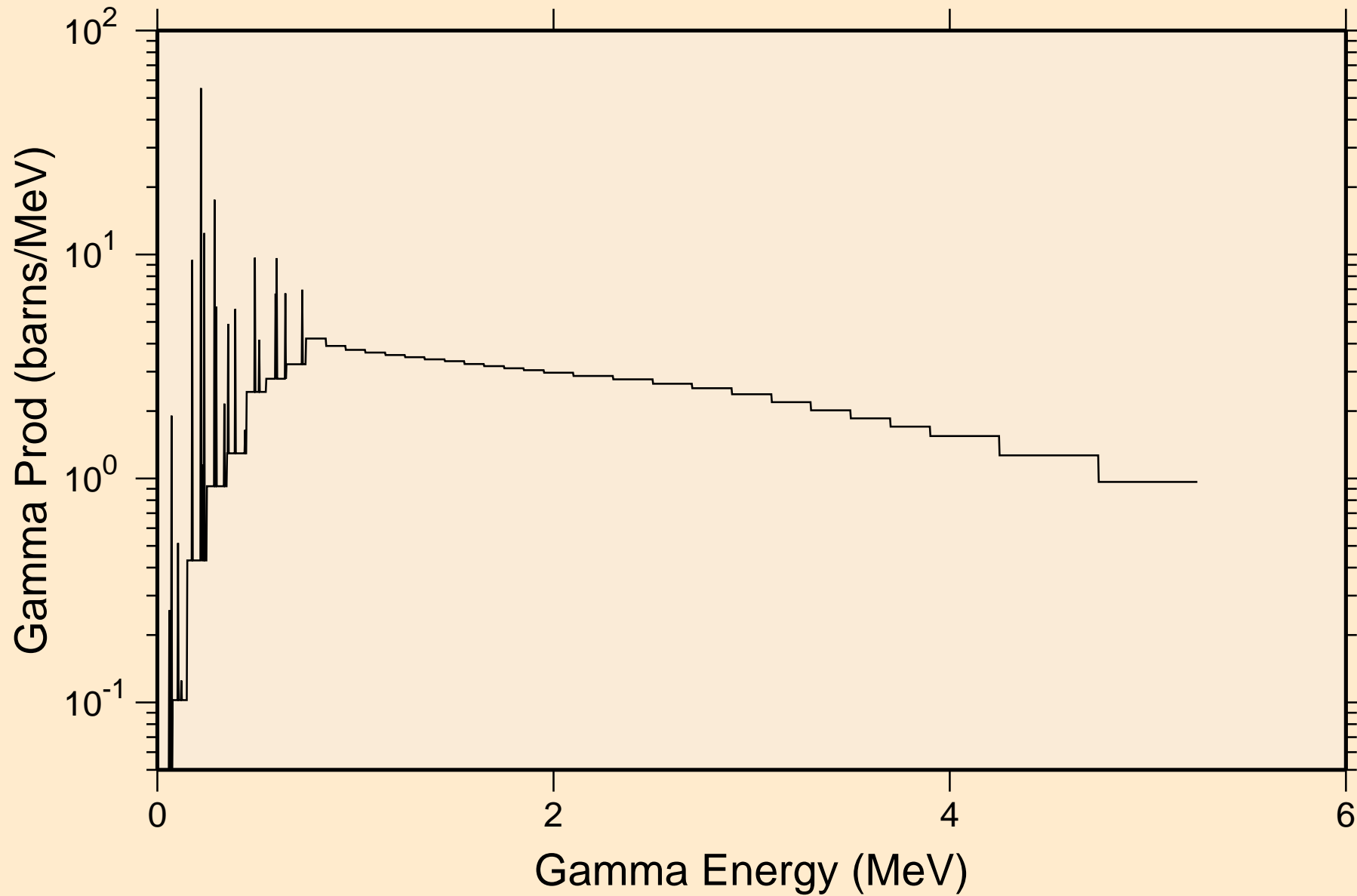
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



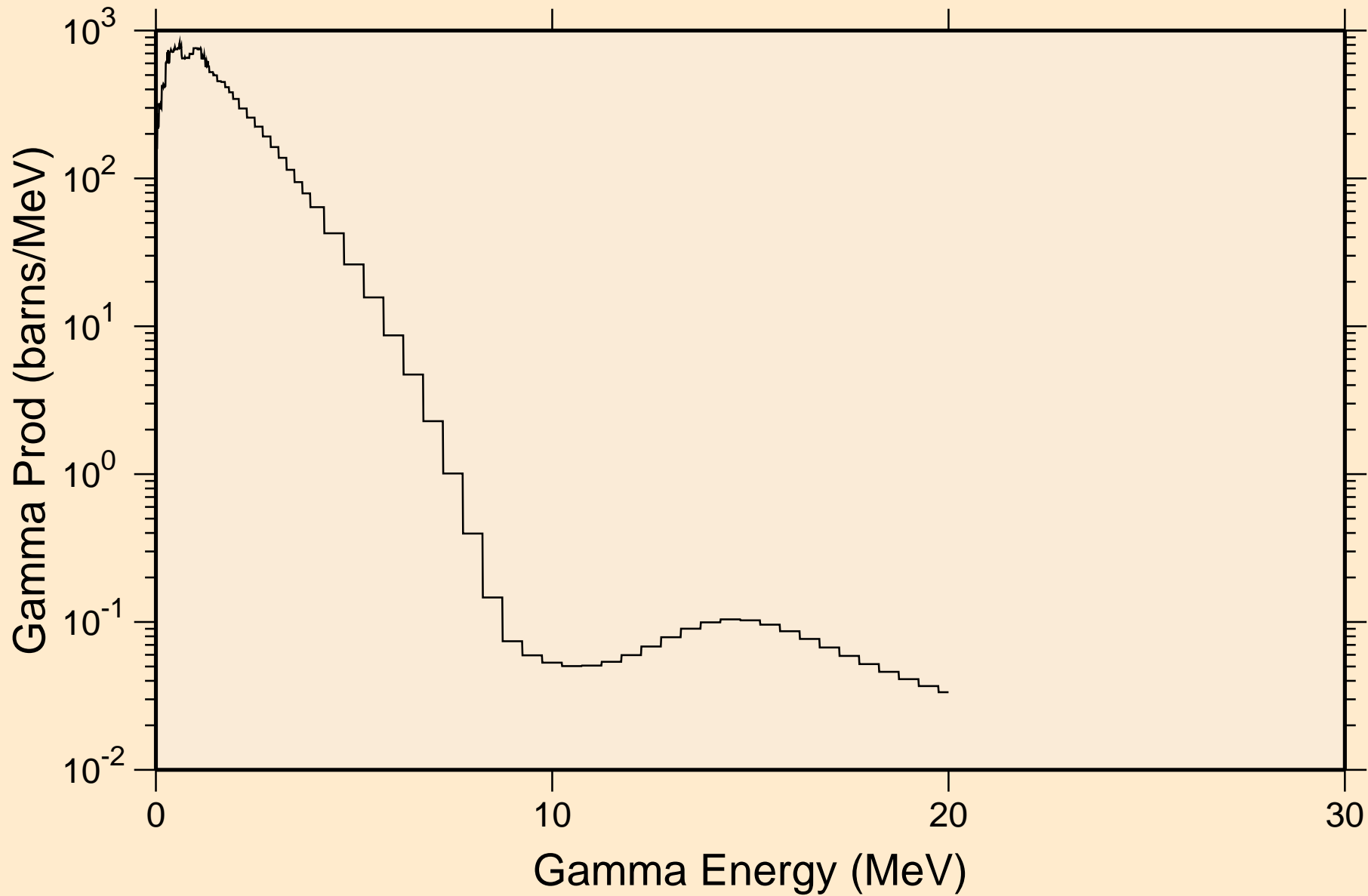
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

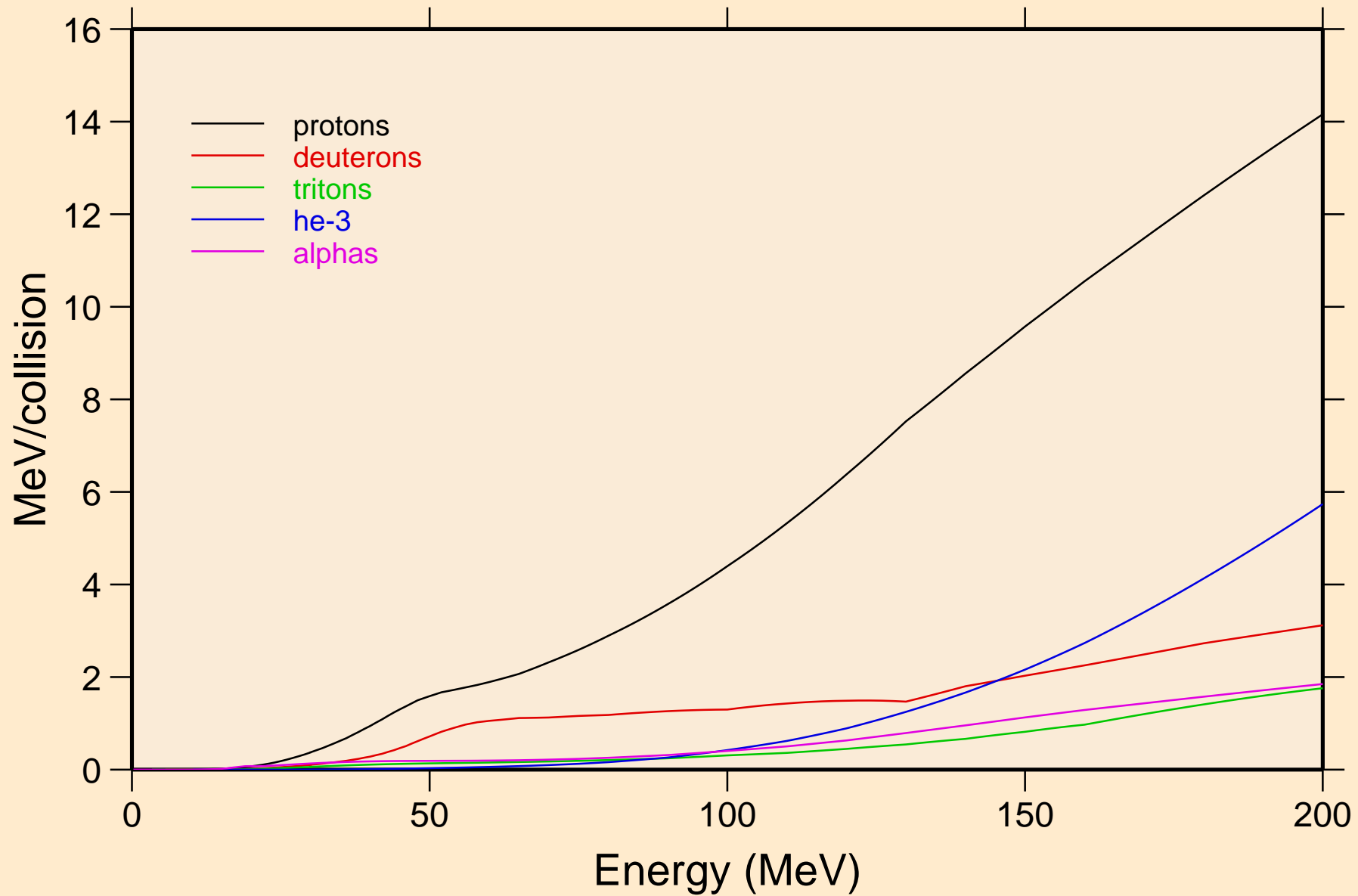


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum

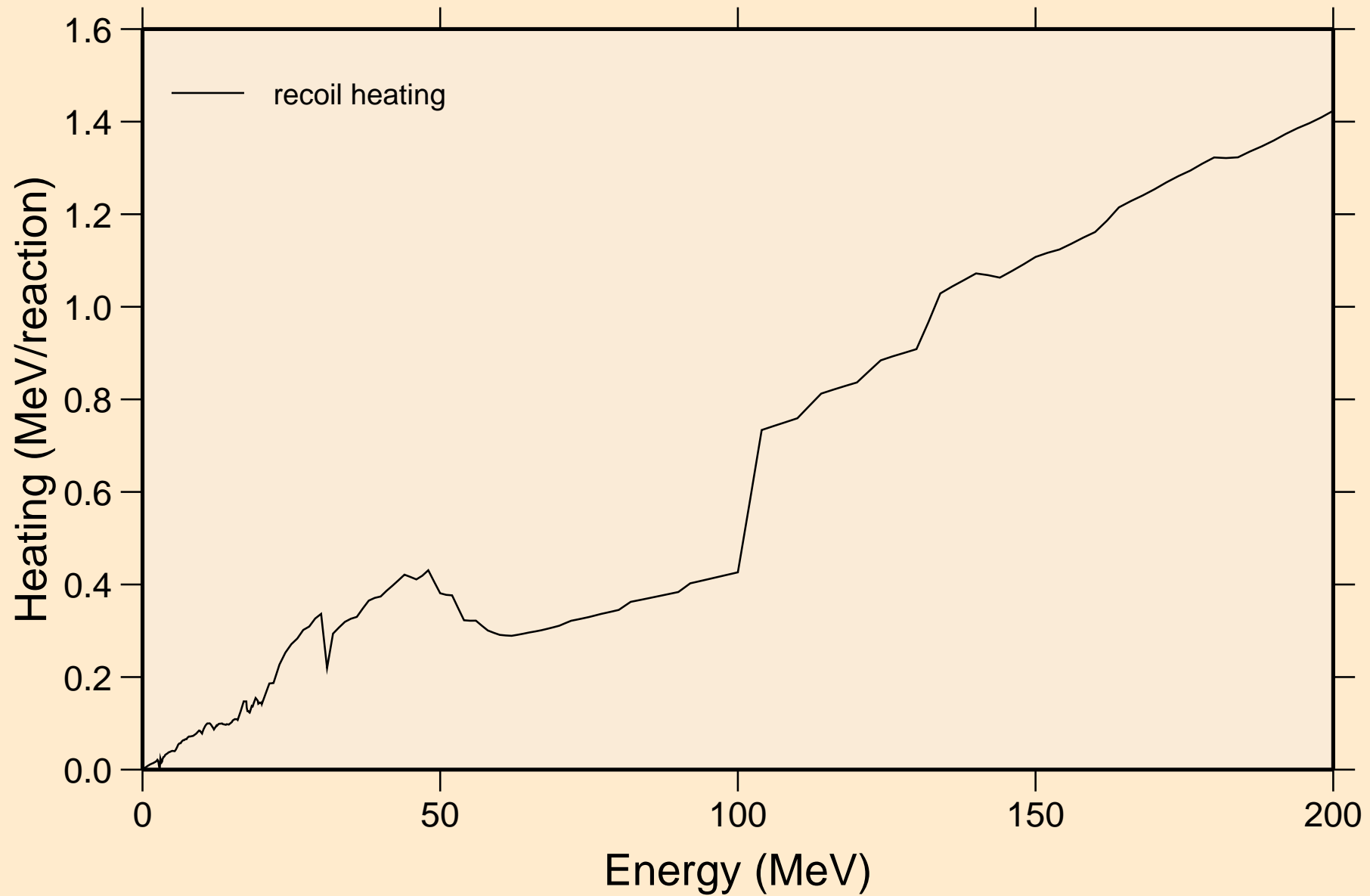


CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

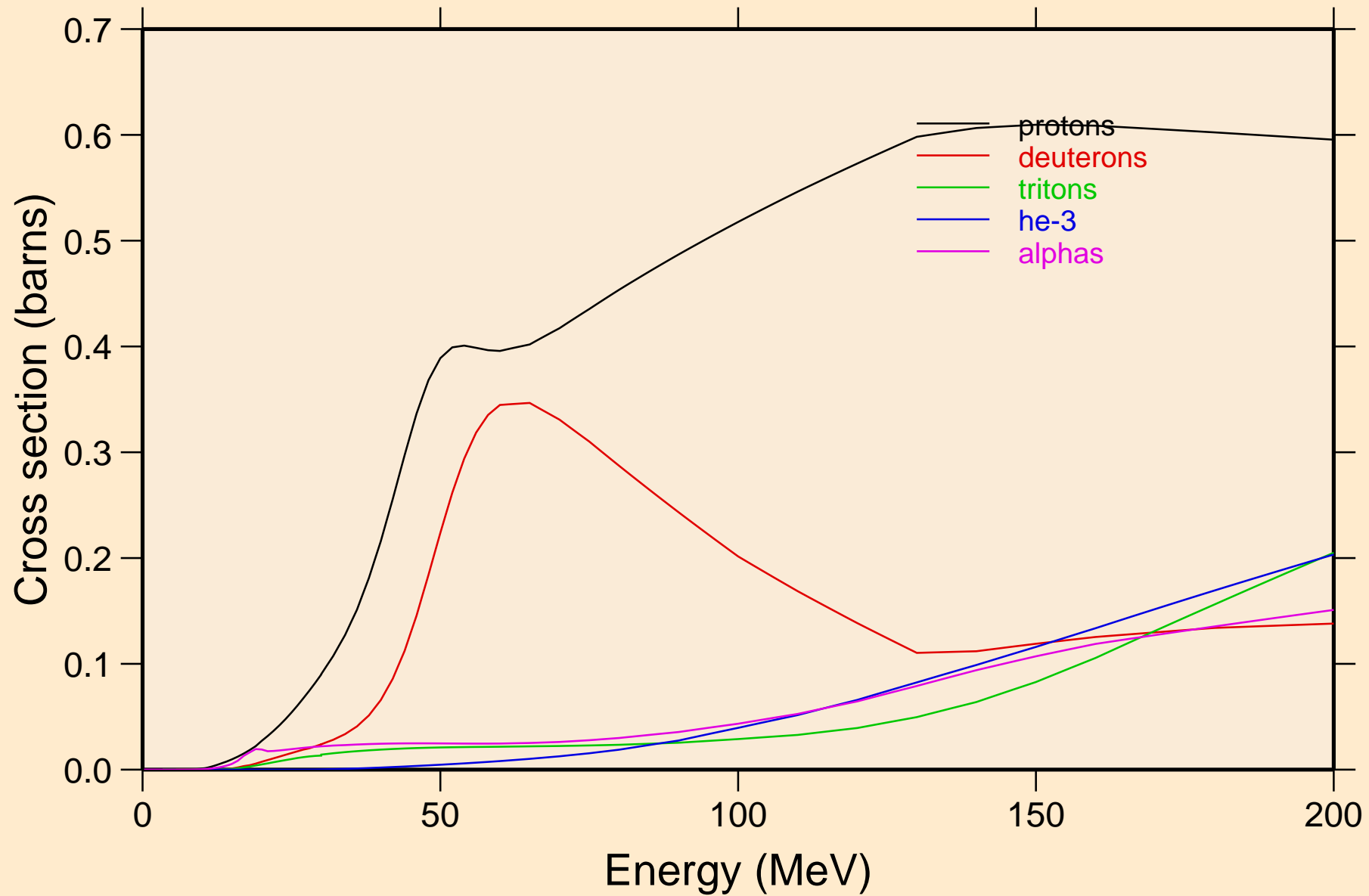
Particle heating contributions



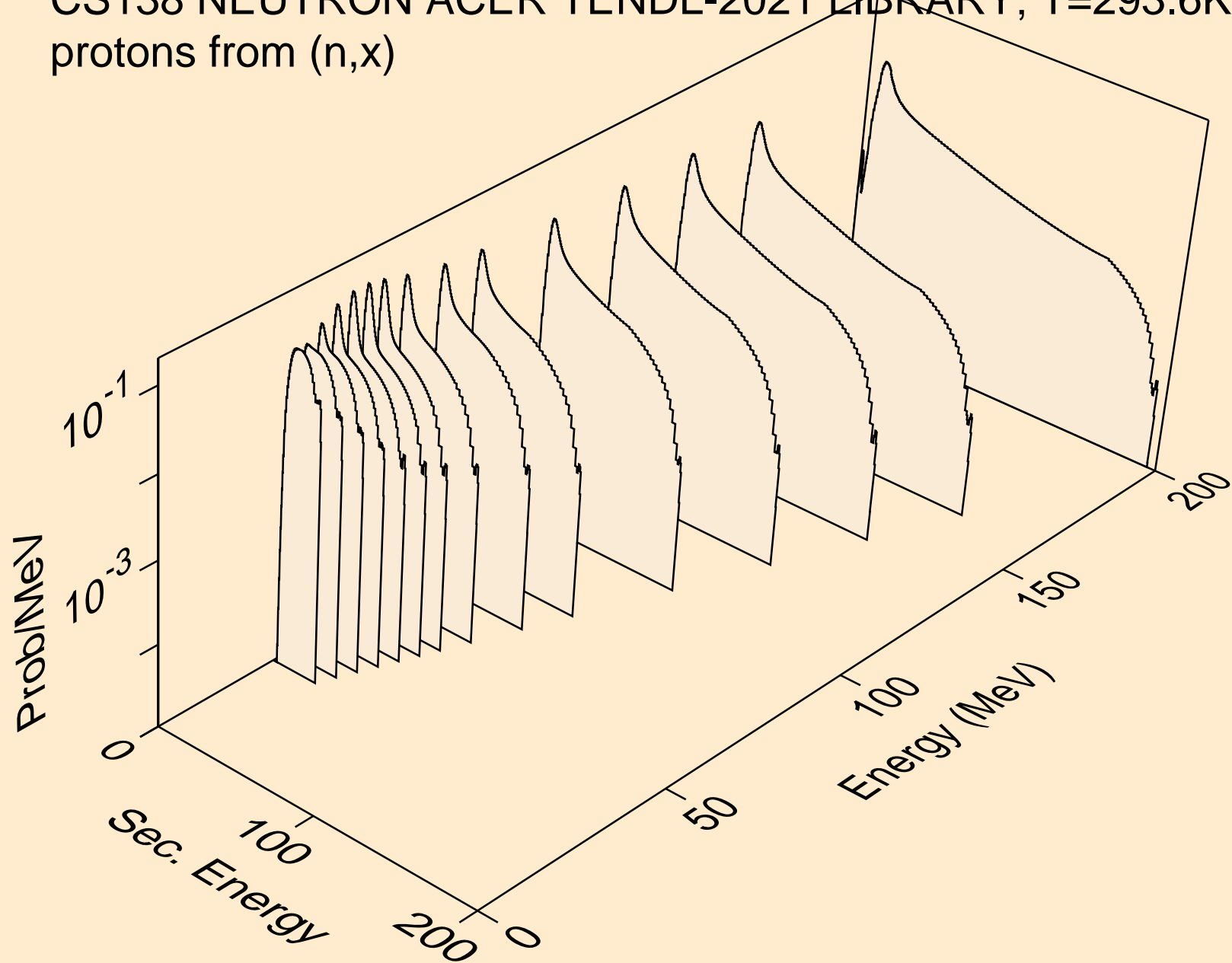
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating



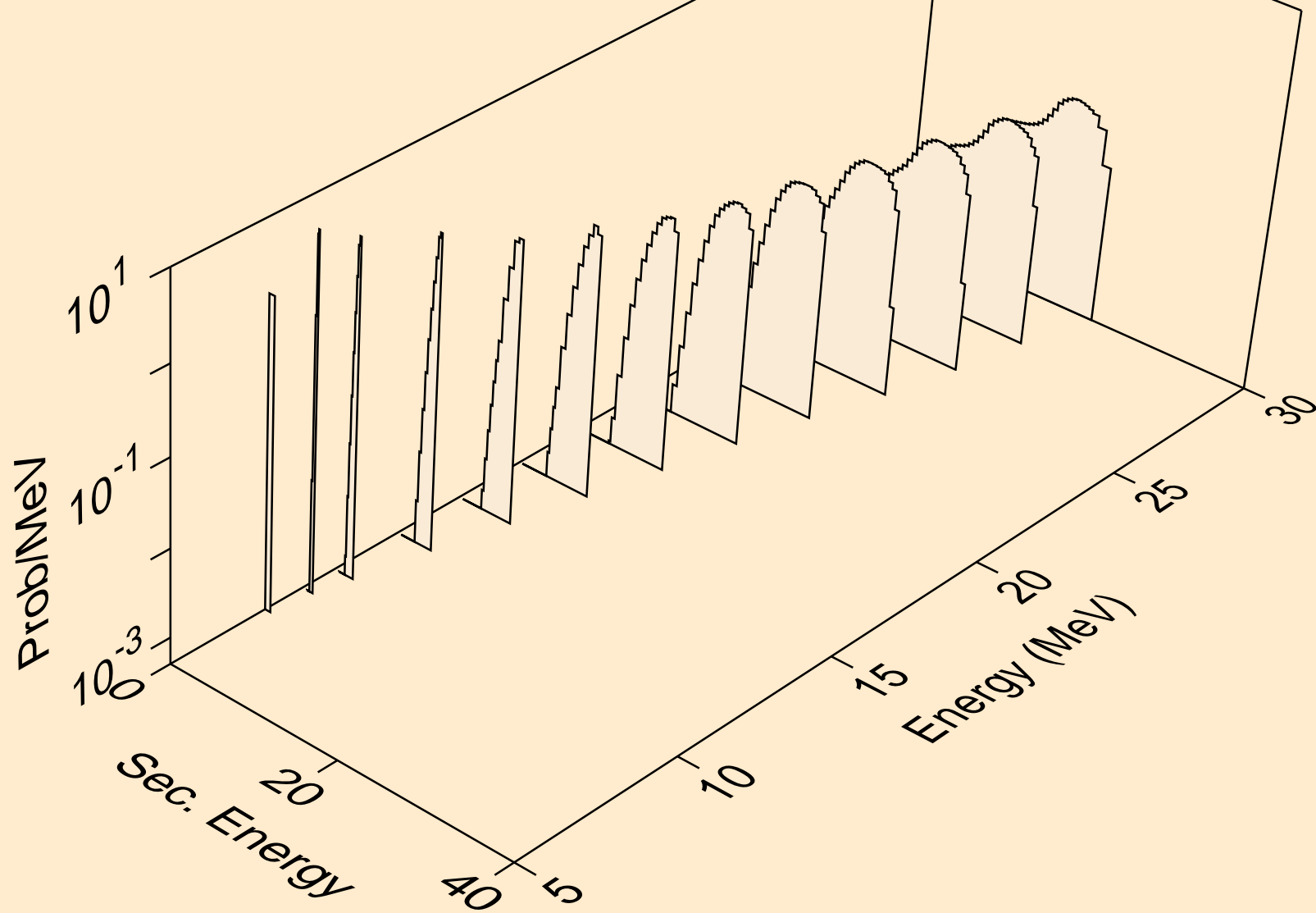
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle production cross sections



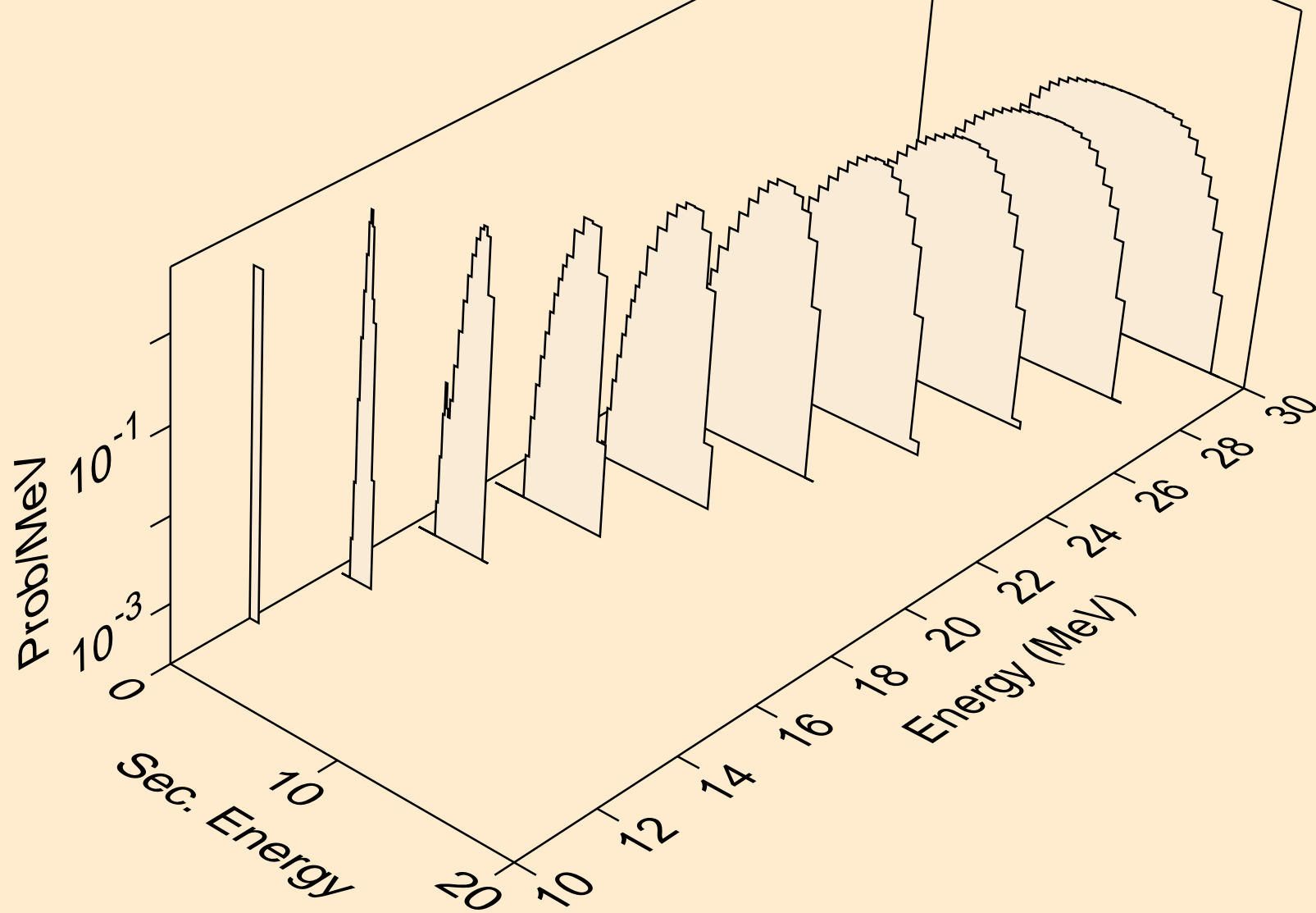
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



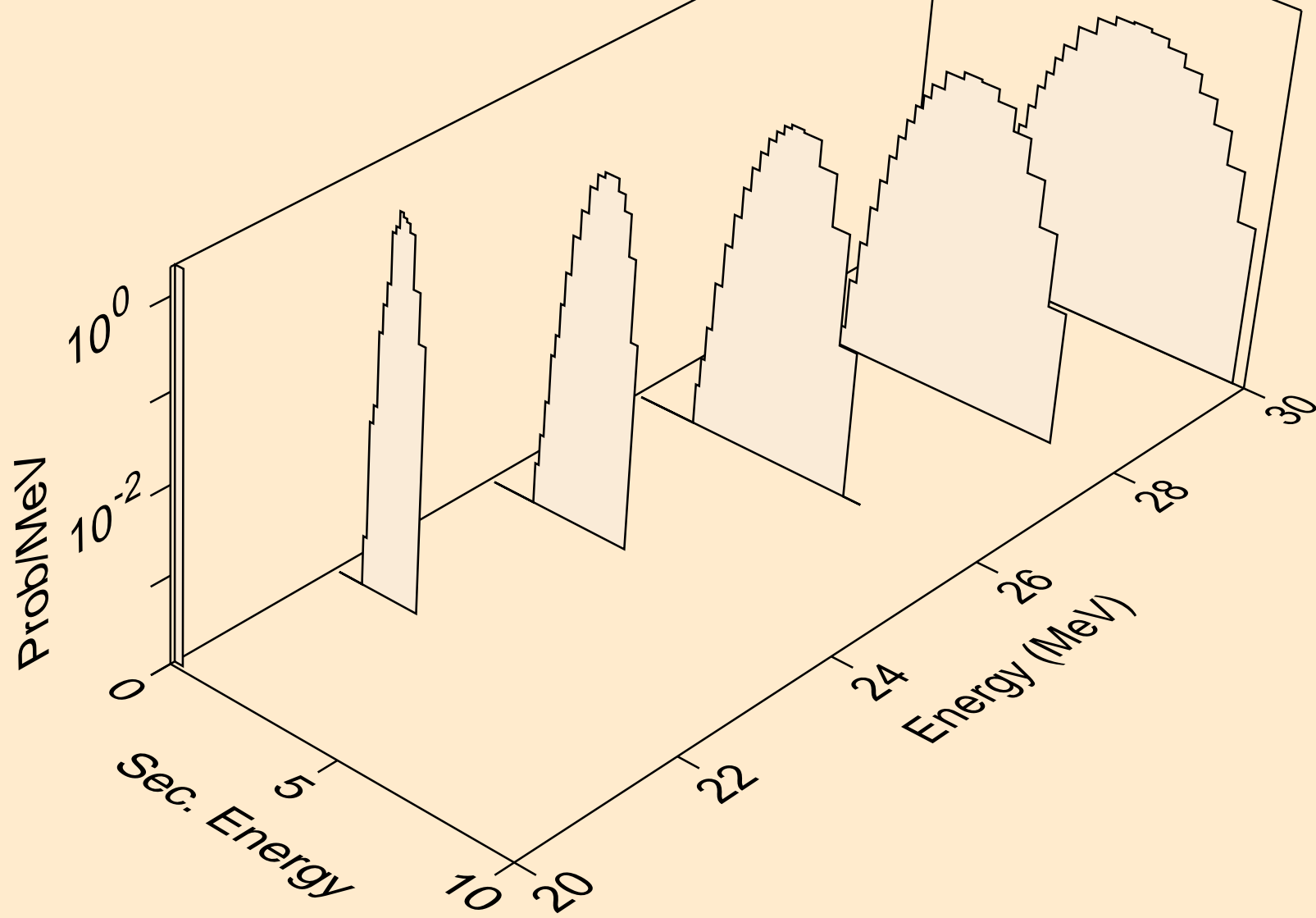
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



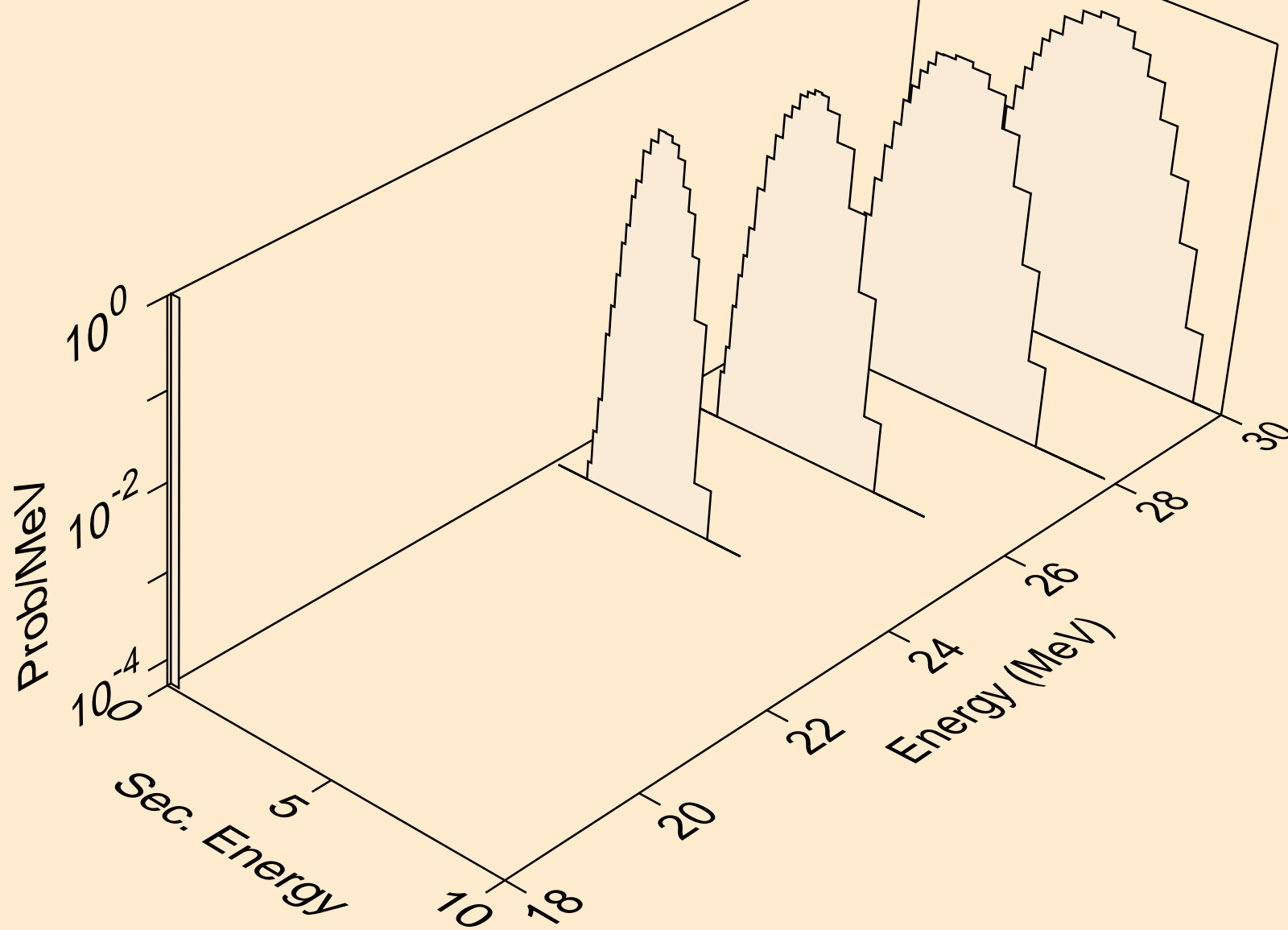
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protons from (n,2np)



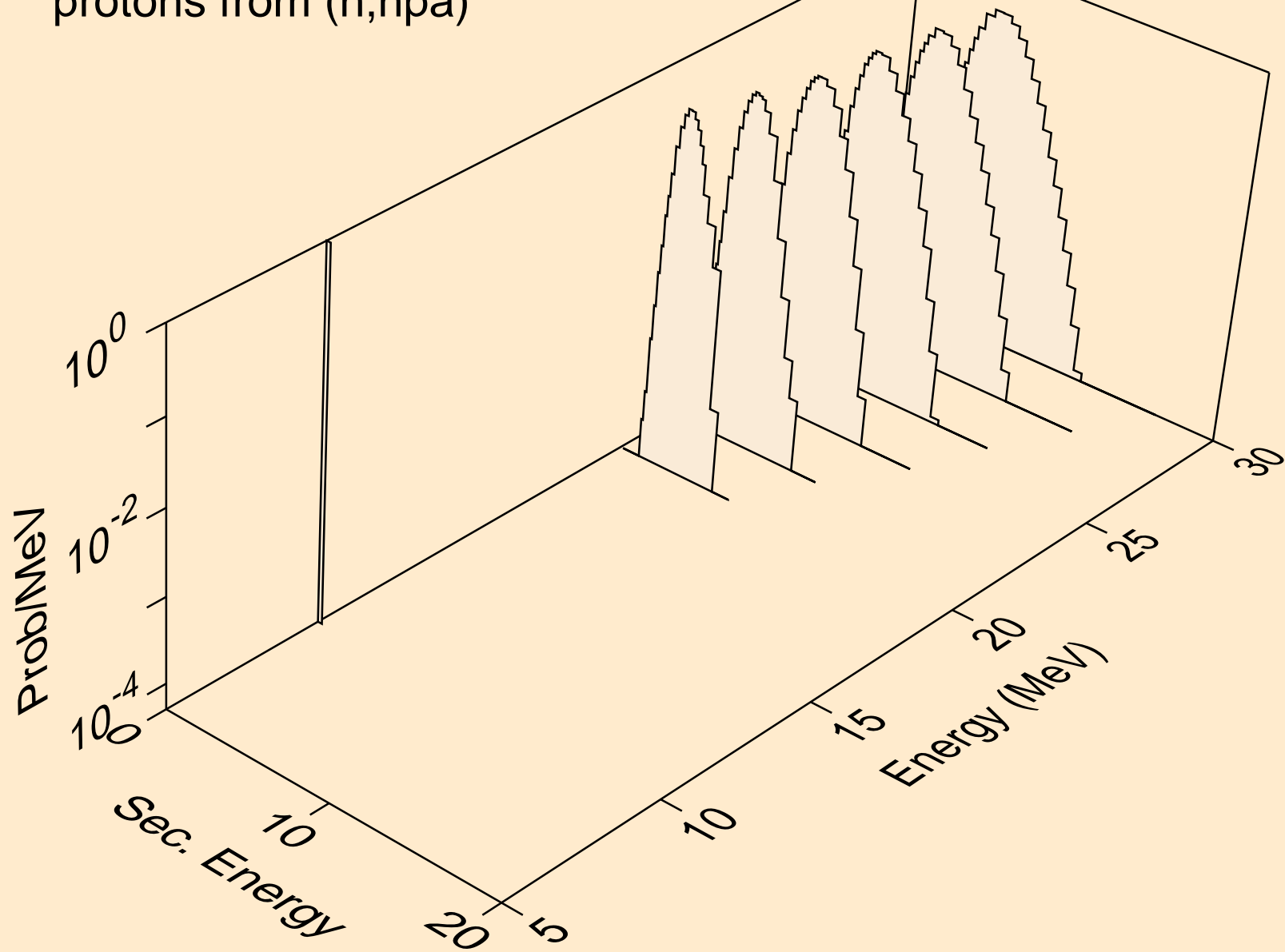
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protons from (n,3np)



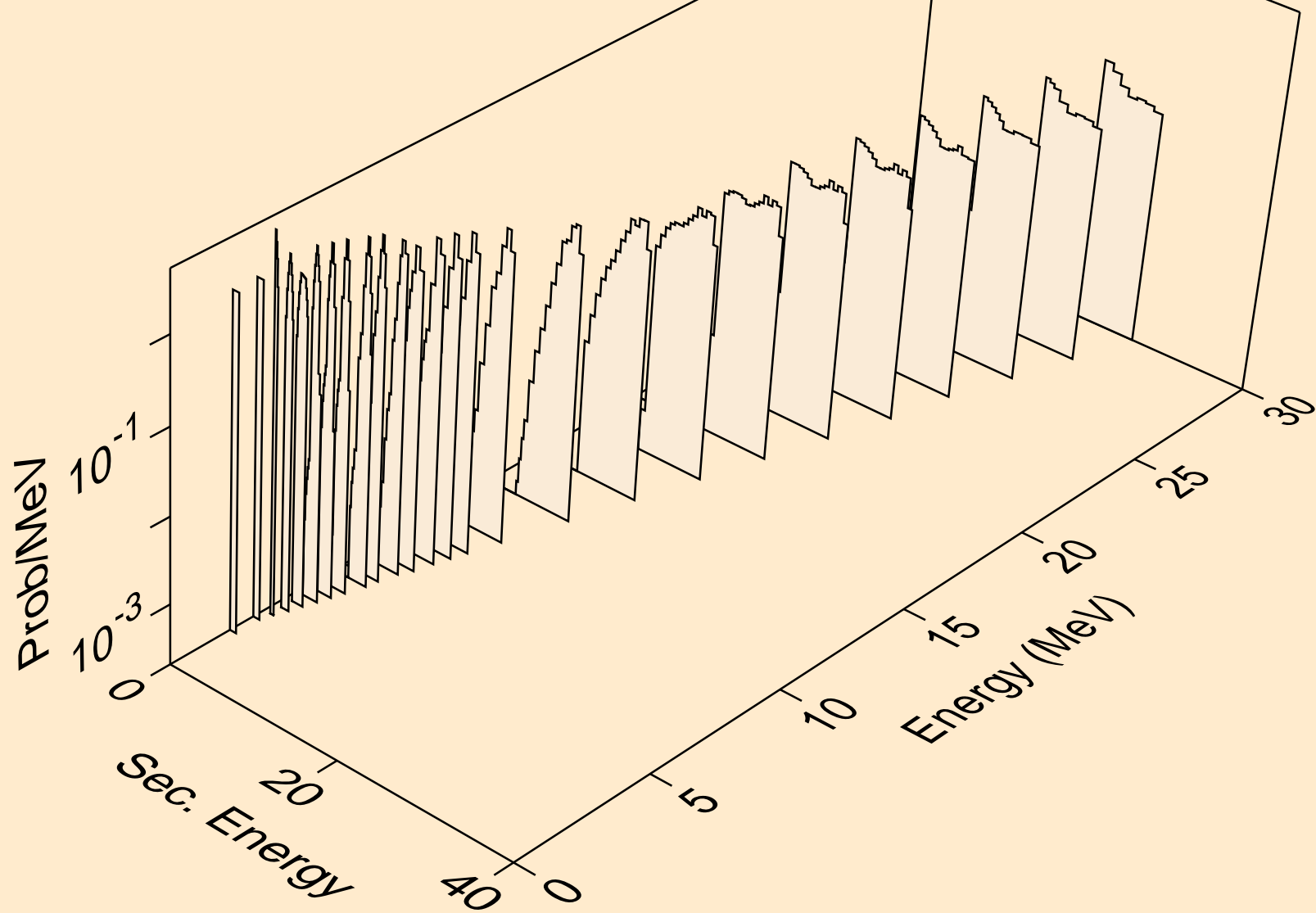
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protons from (n,2np)



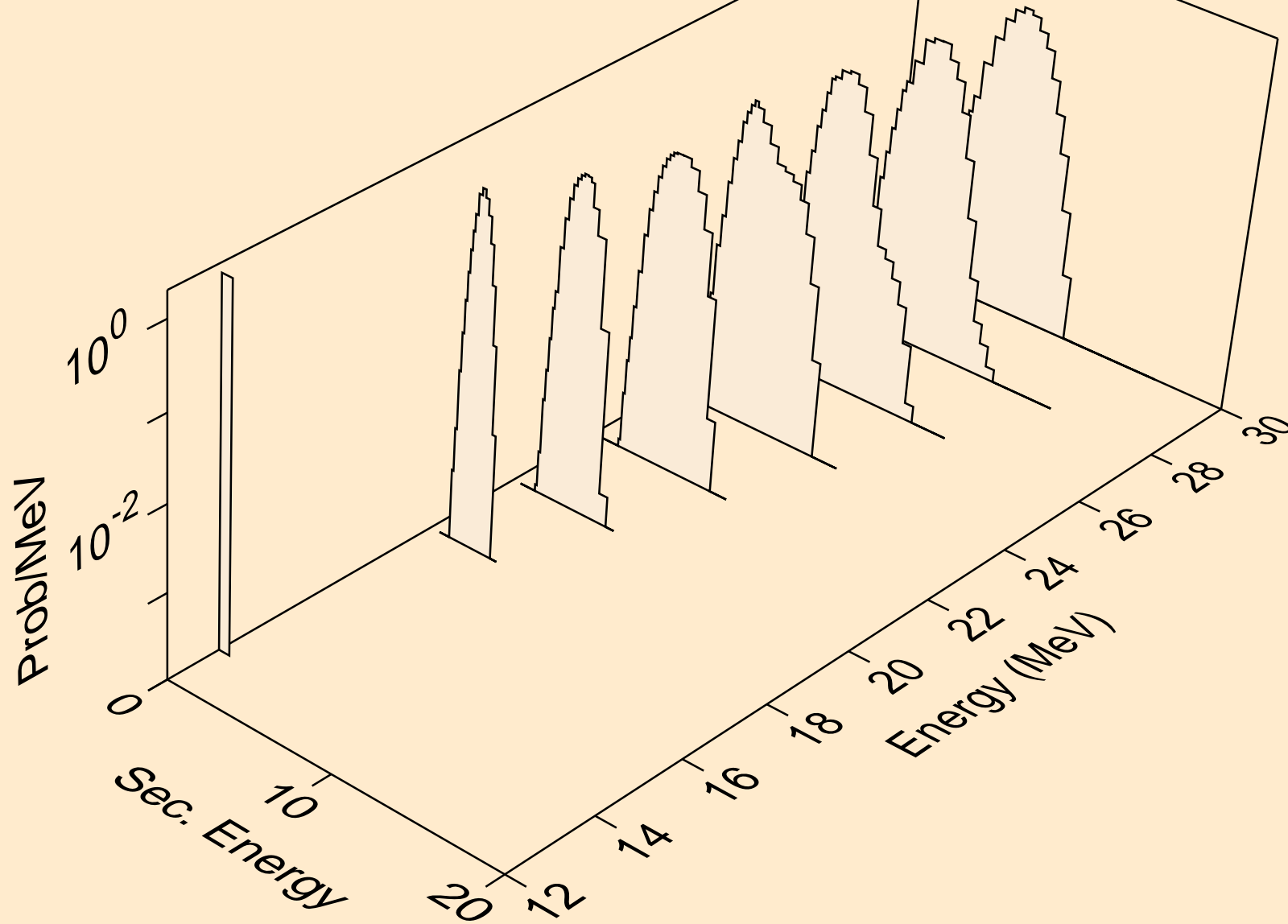
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protons from (n,npa)



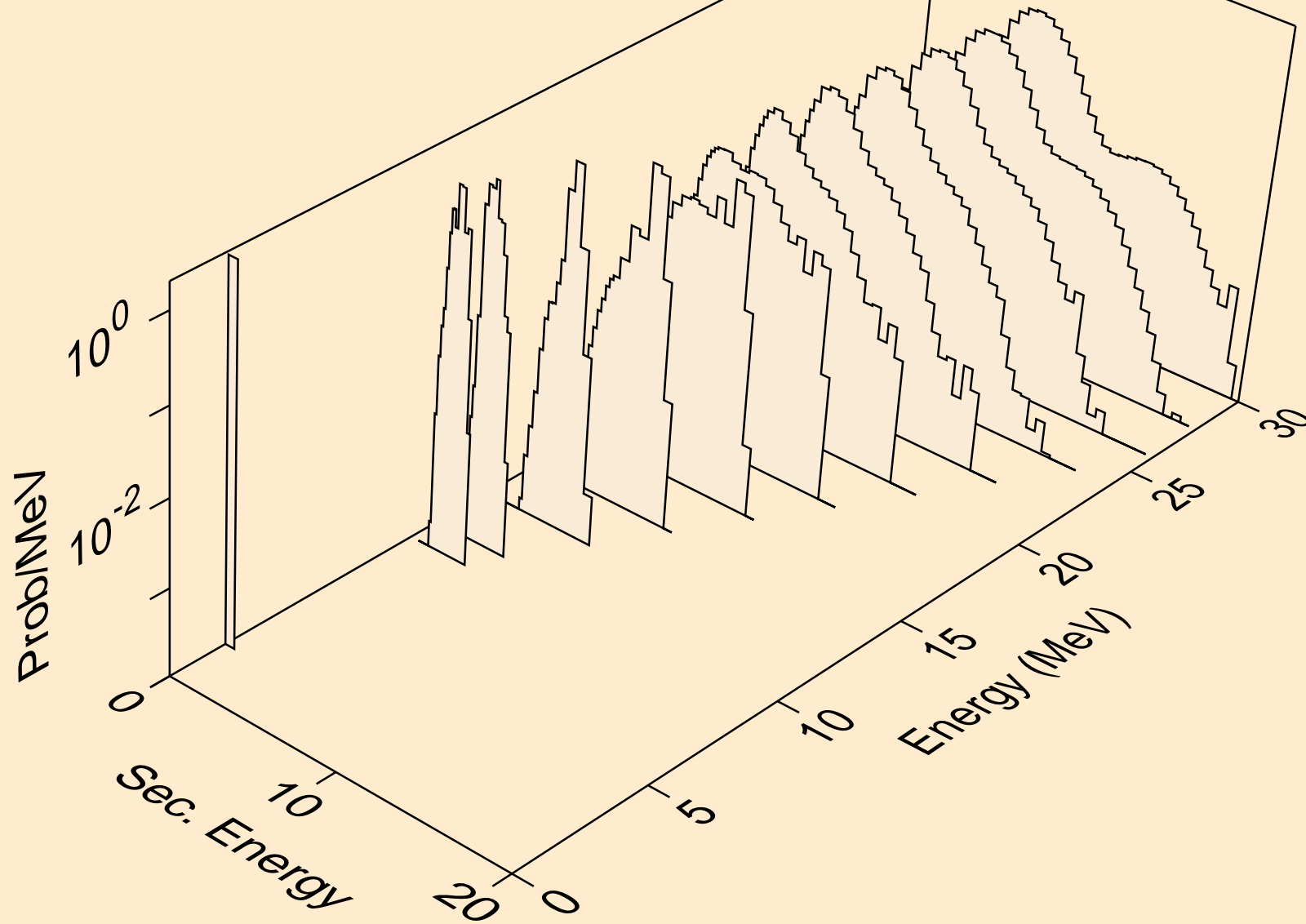
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protons from (n,p)



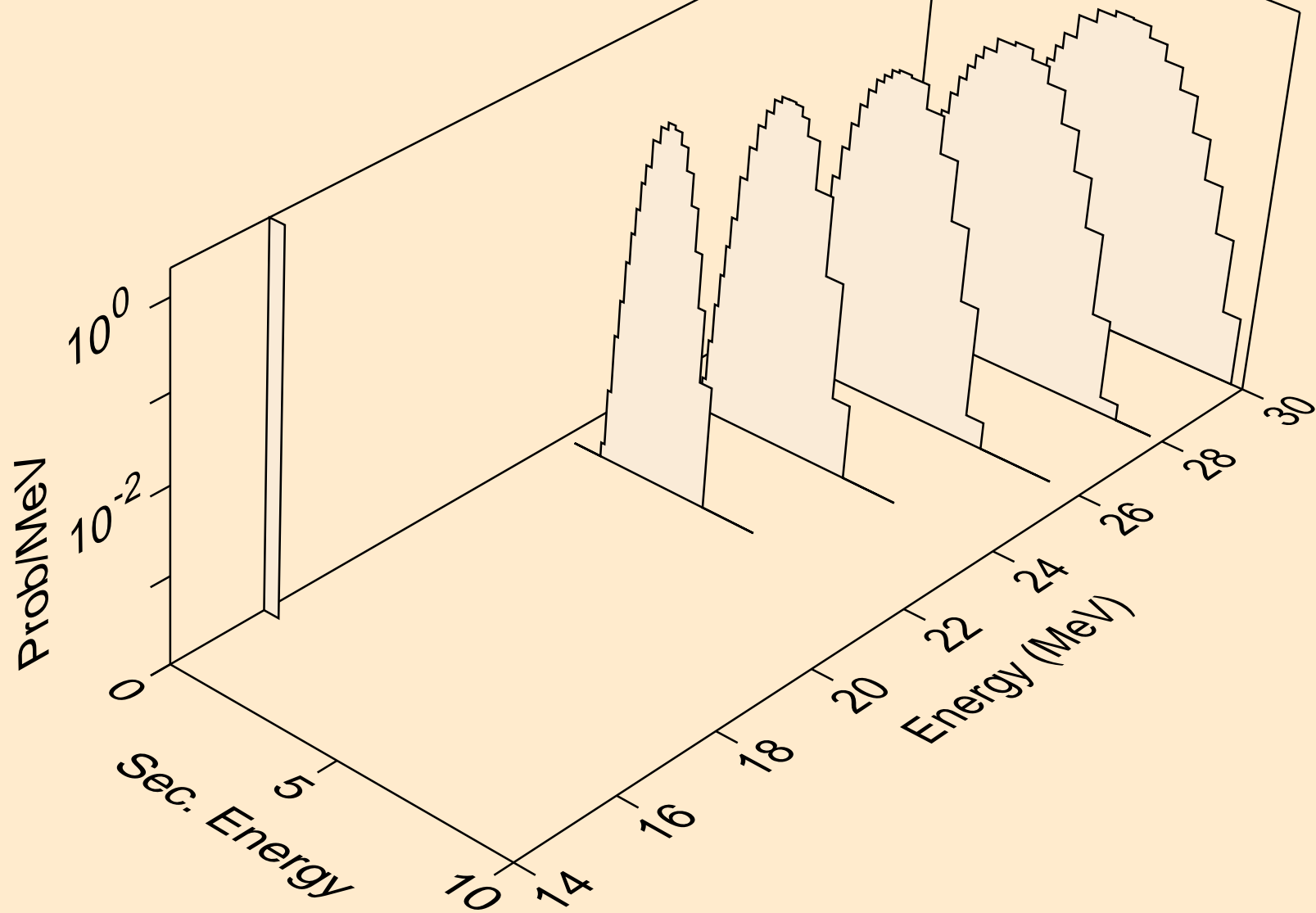
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protons from (n,2p)



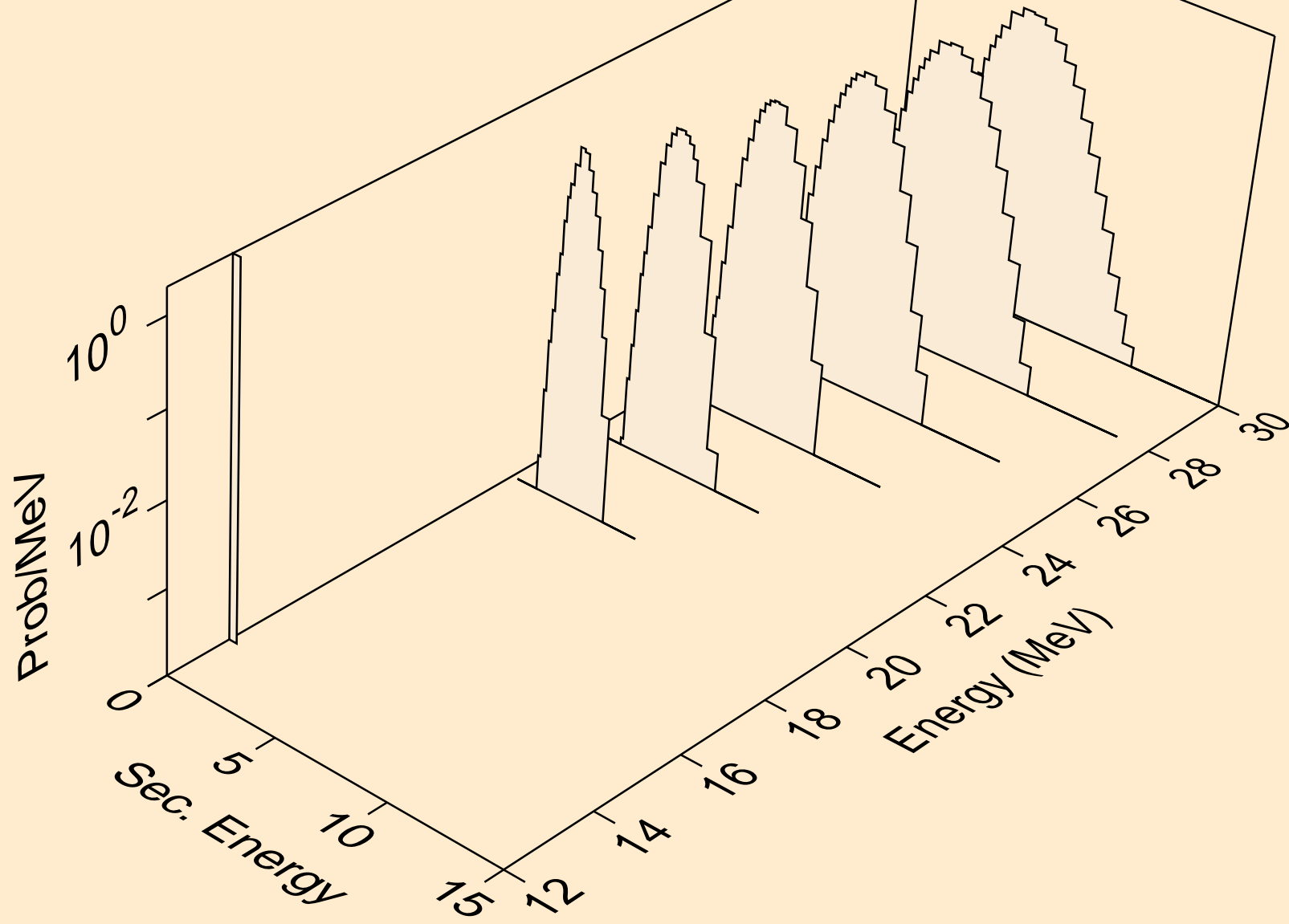
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protons from (n,p)



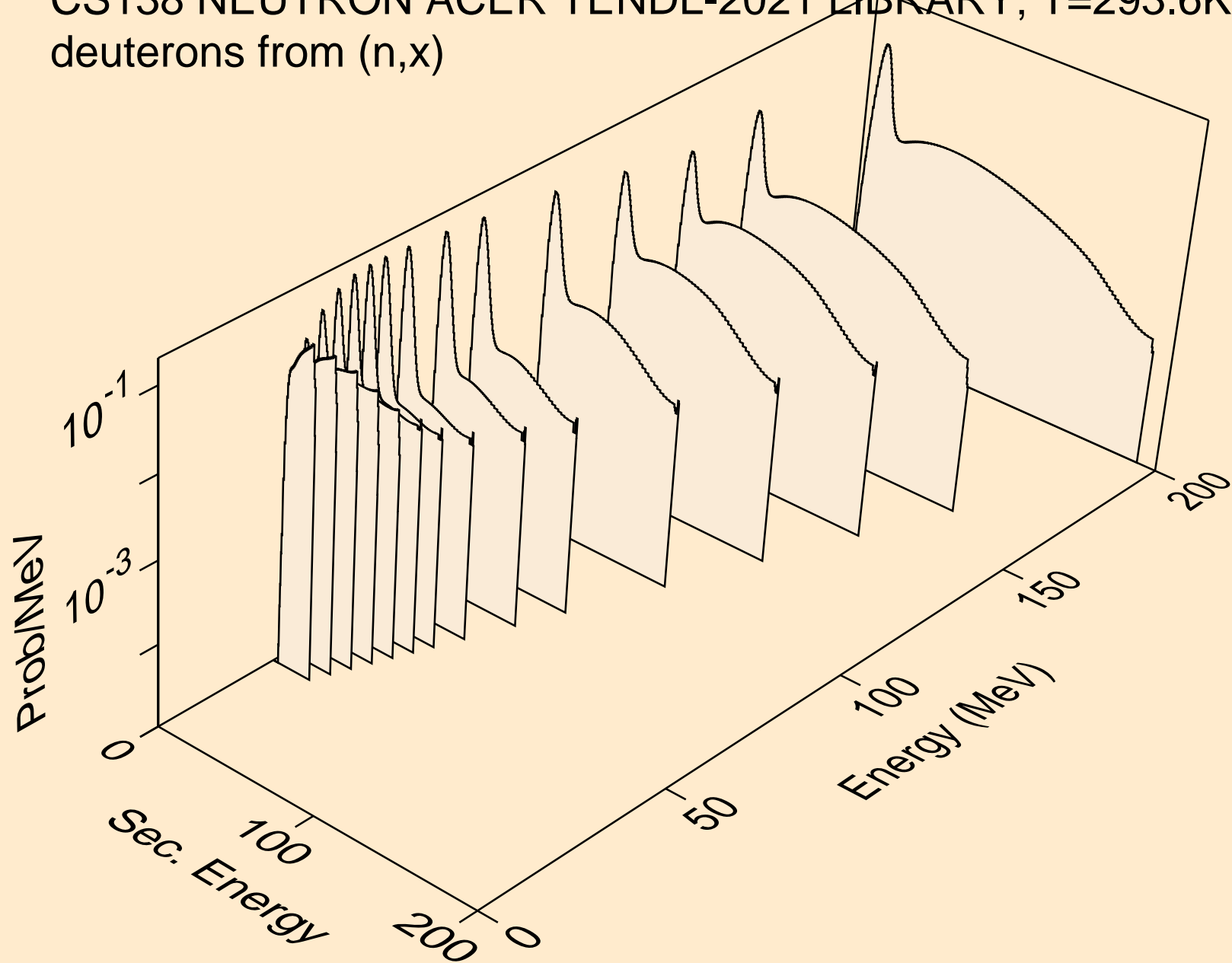
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protons from (n,pd)



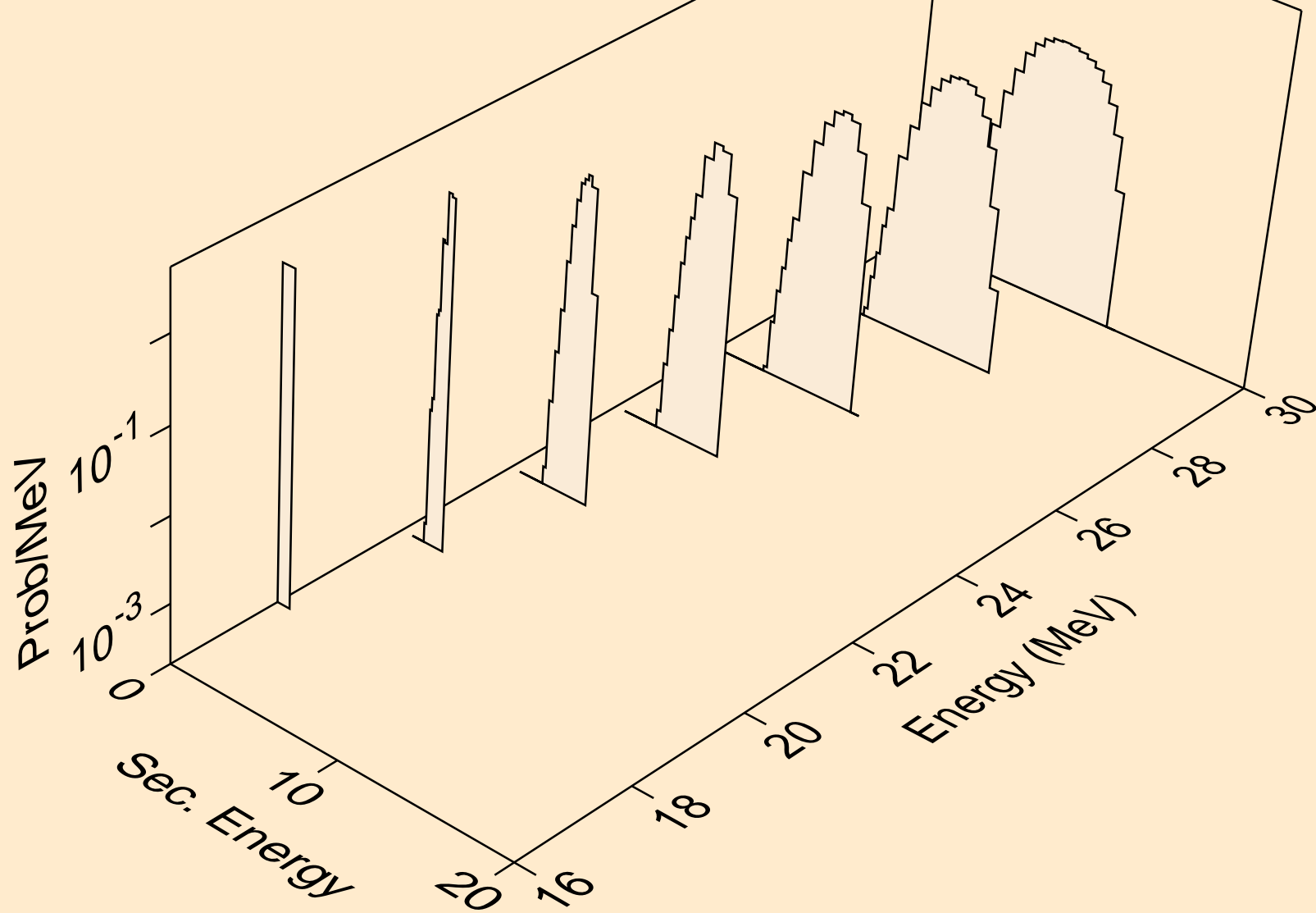
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



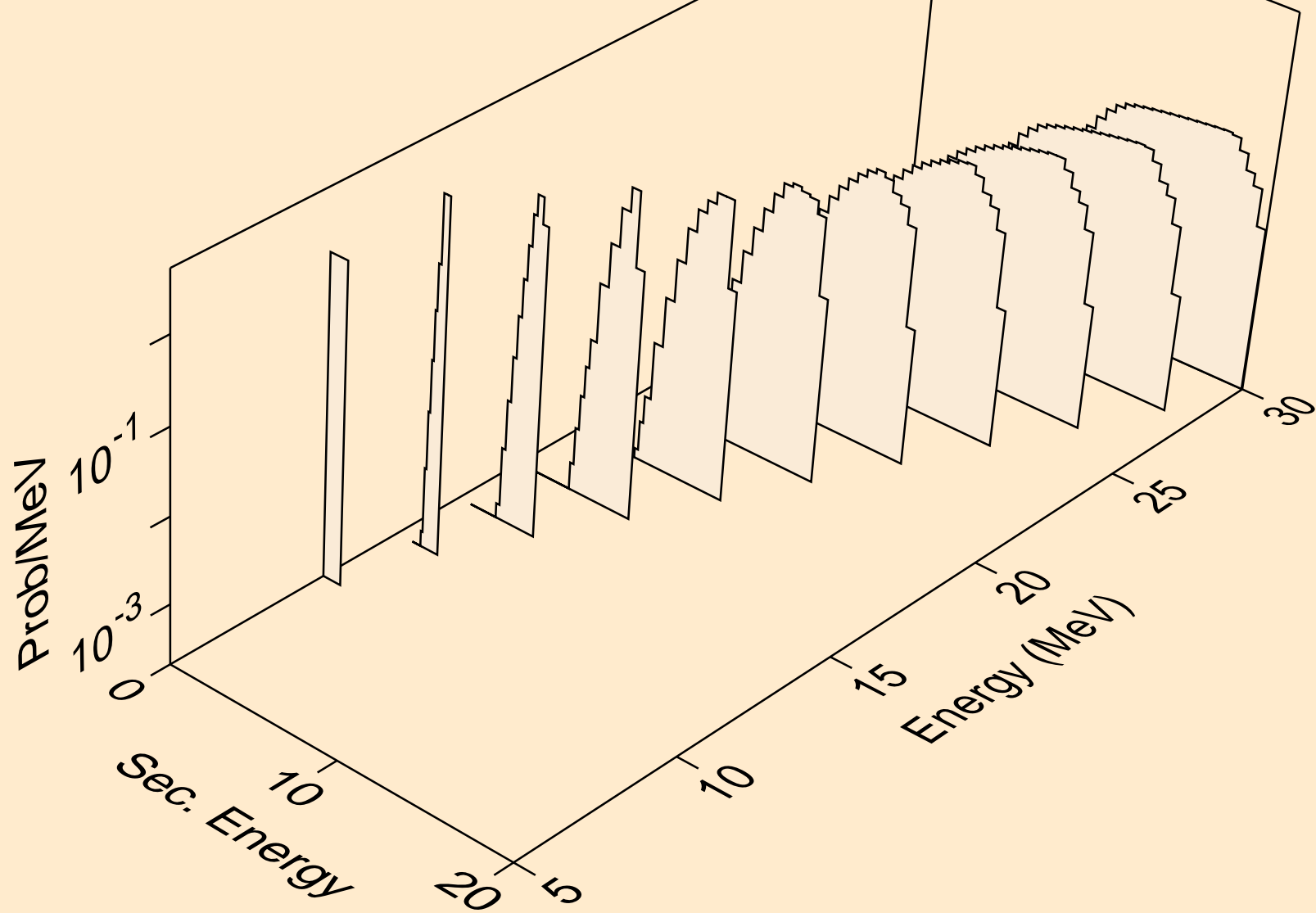
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



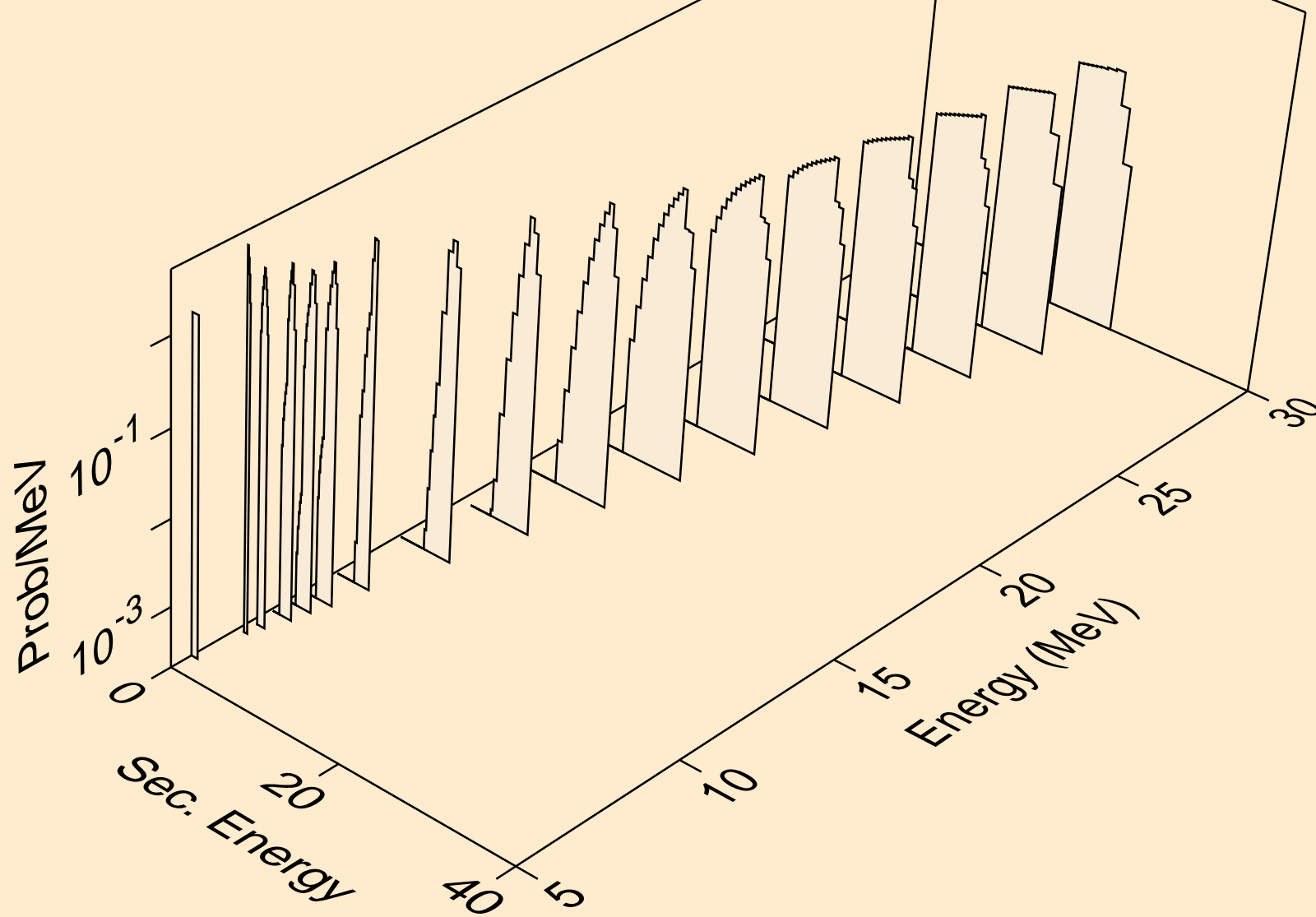
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deuterons from (n,2nd)



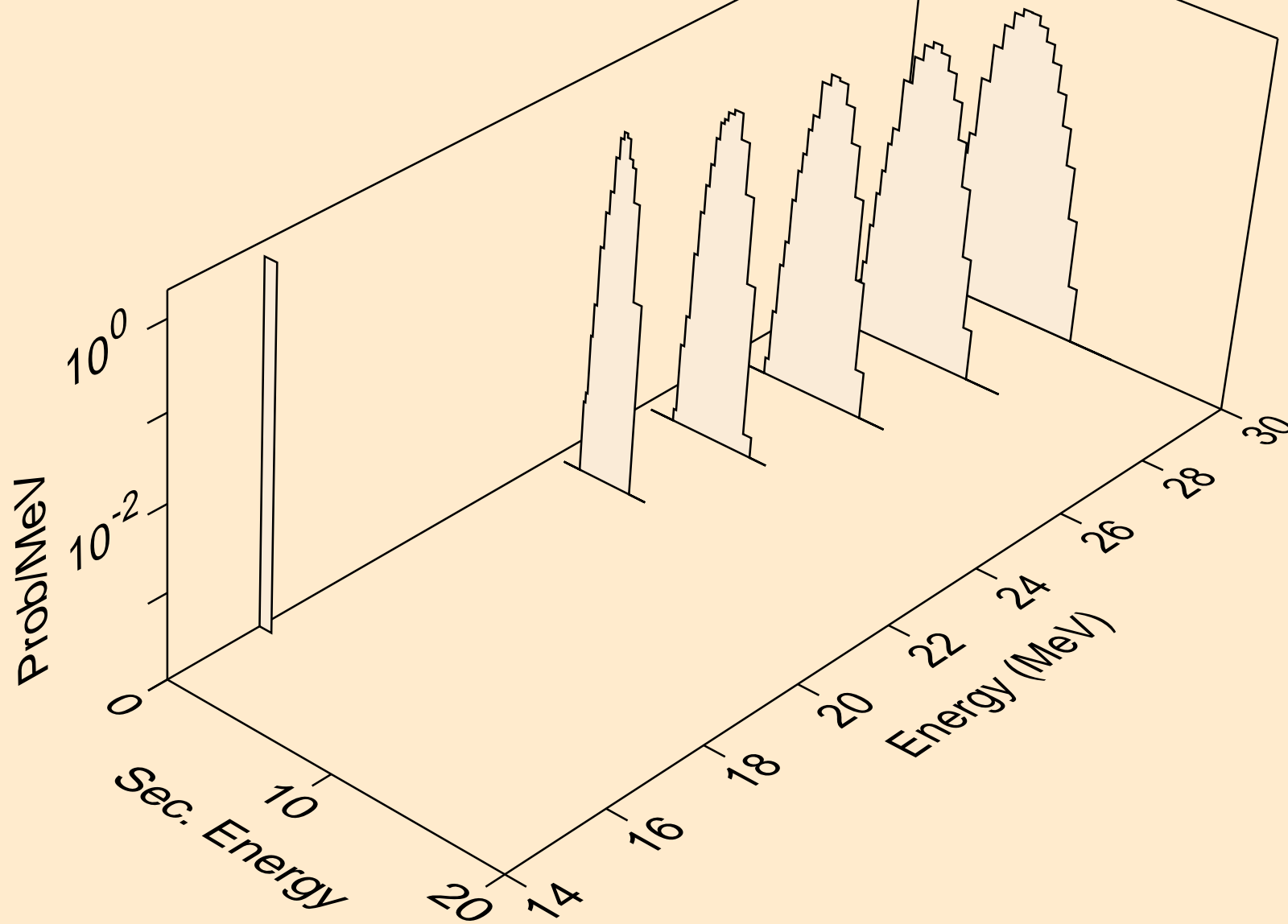
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



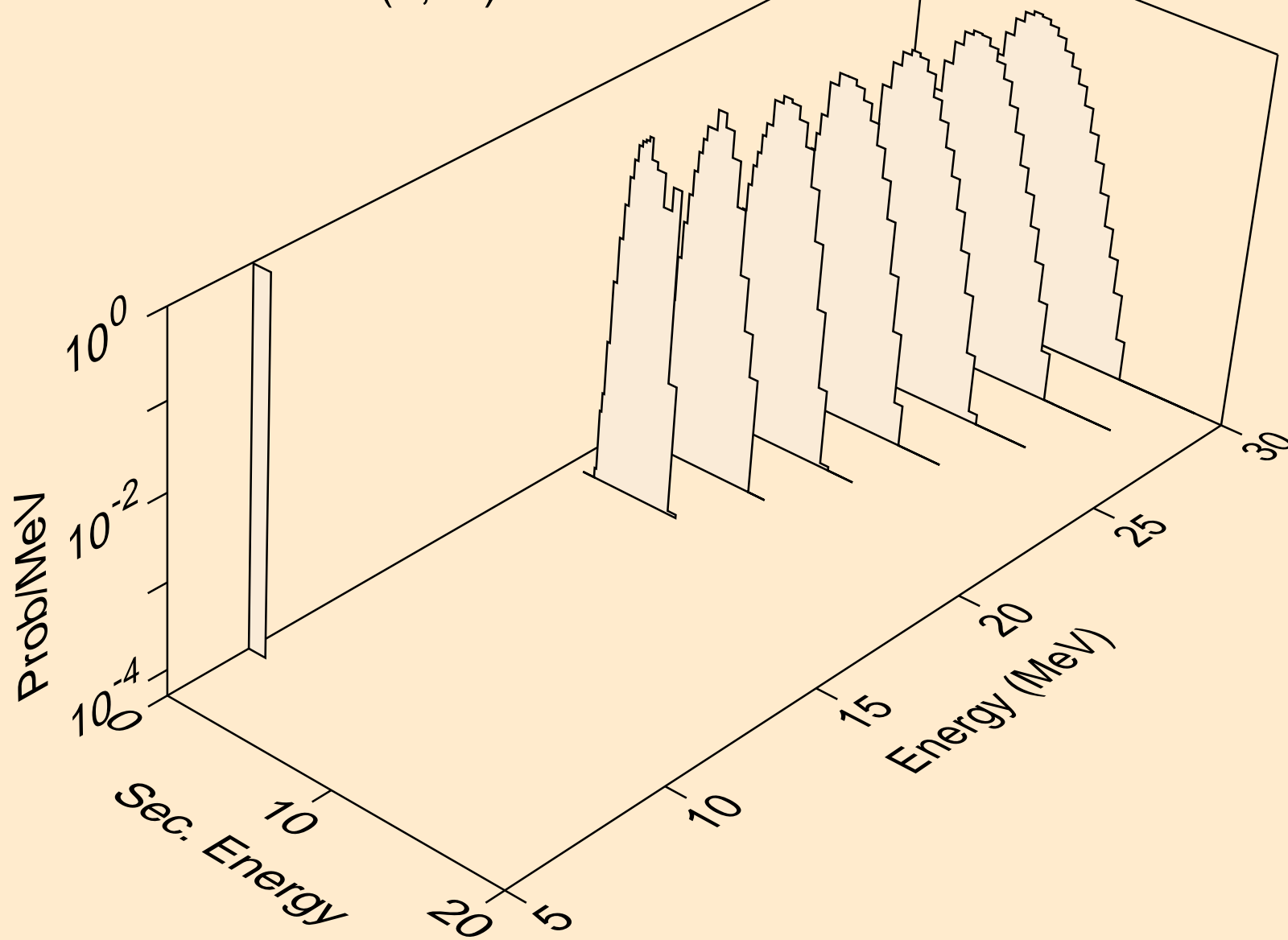
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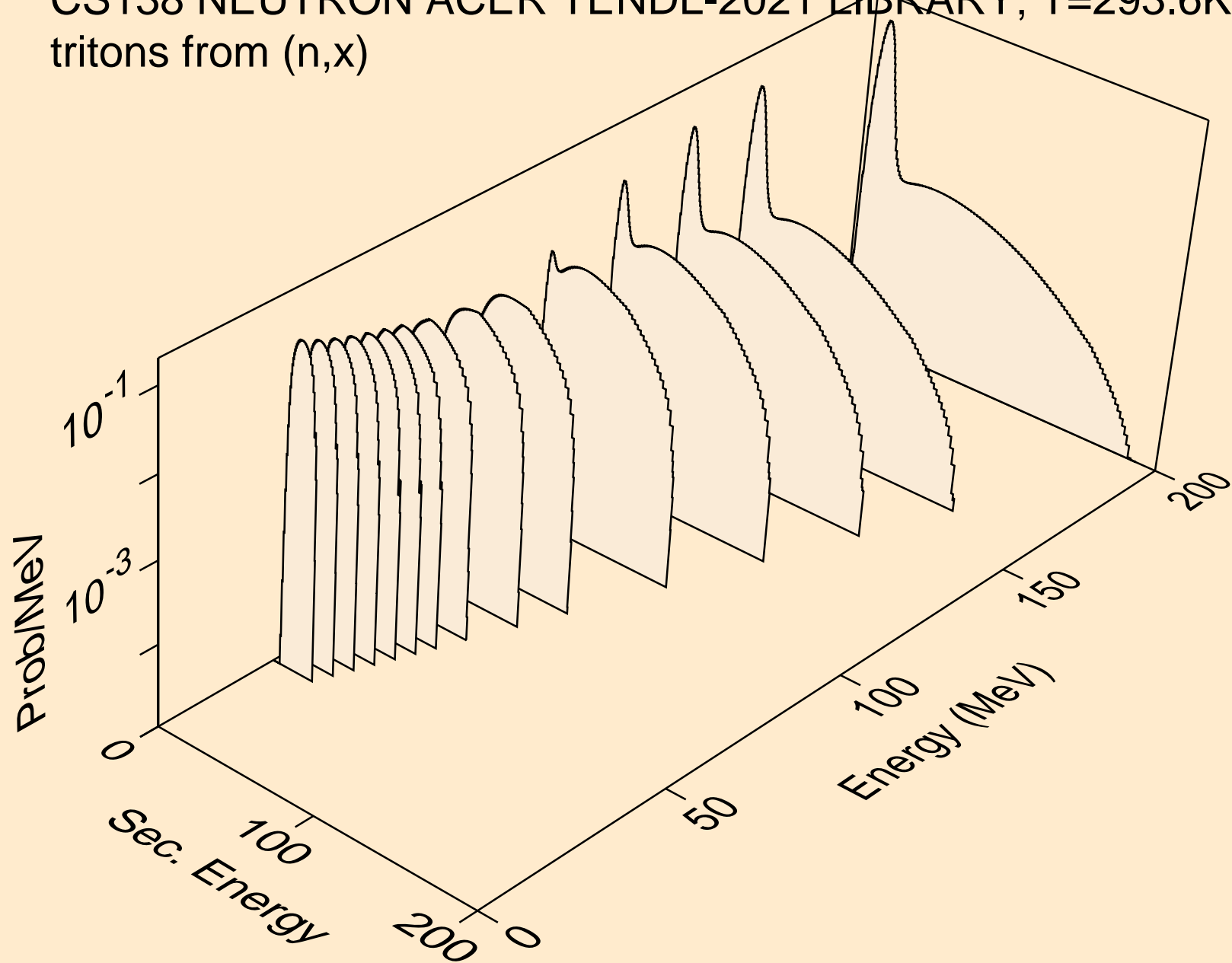
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deuterons from (n,pd)



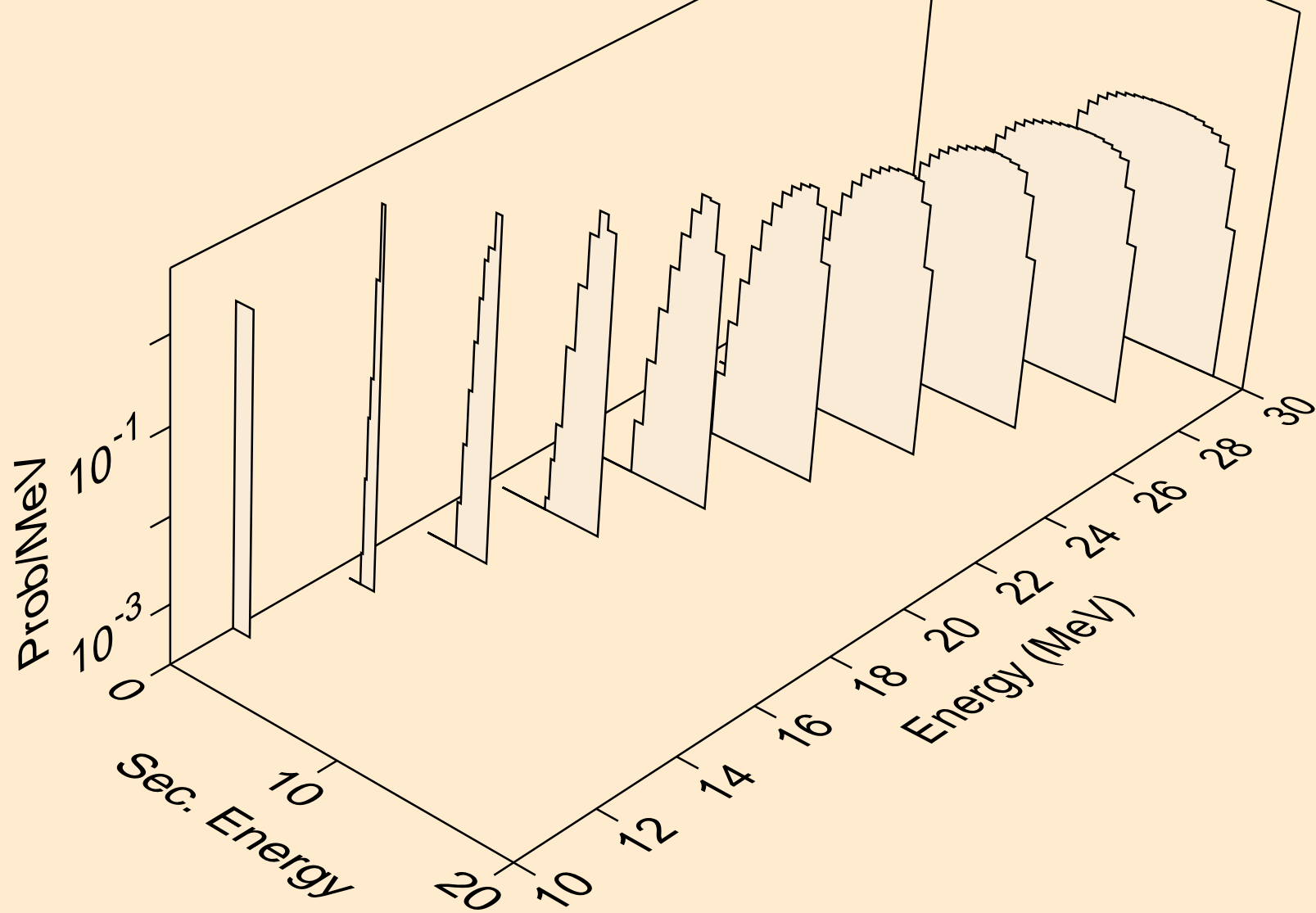
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,da)



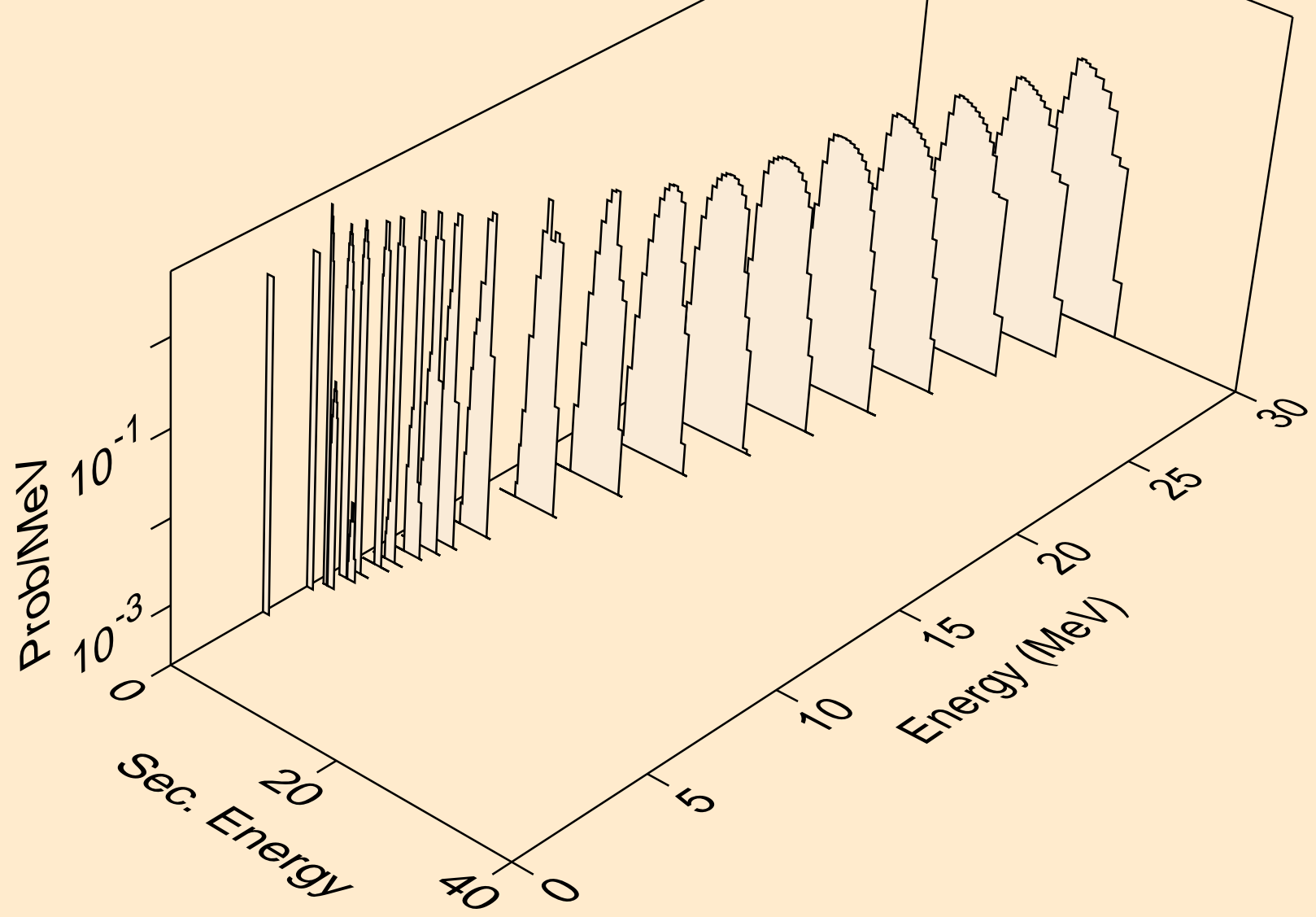
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



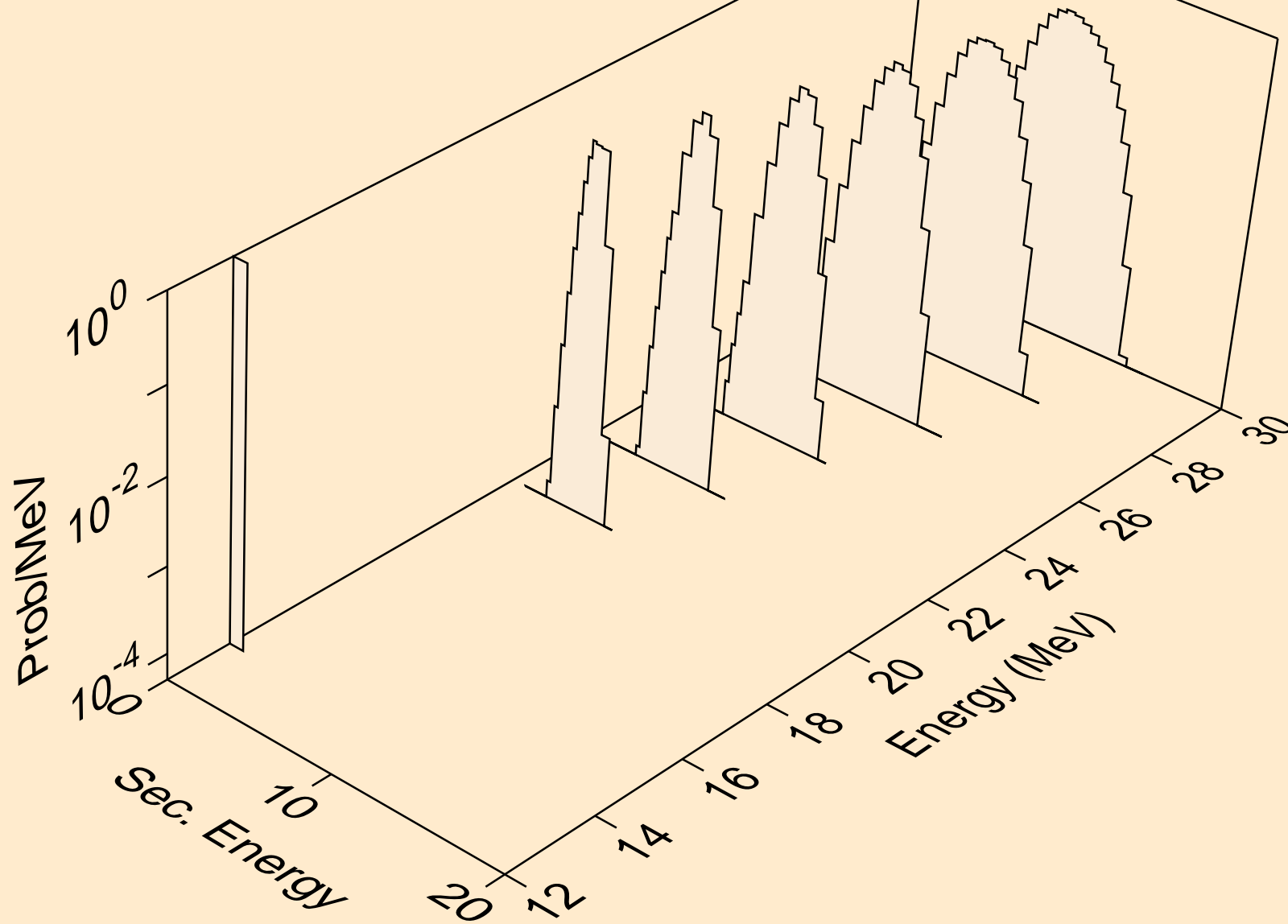
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



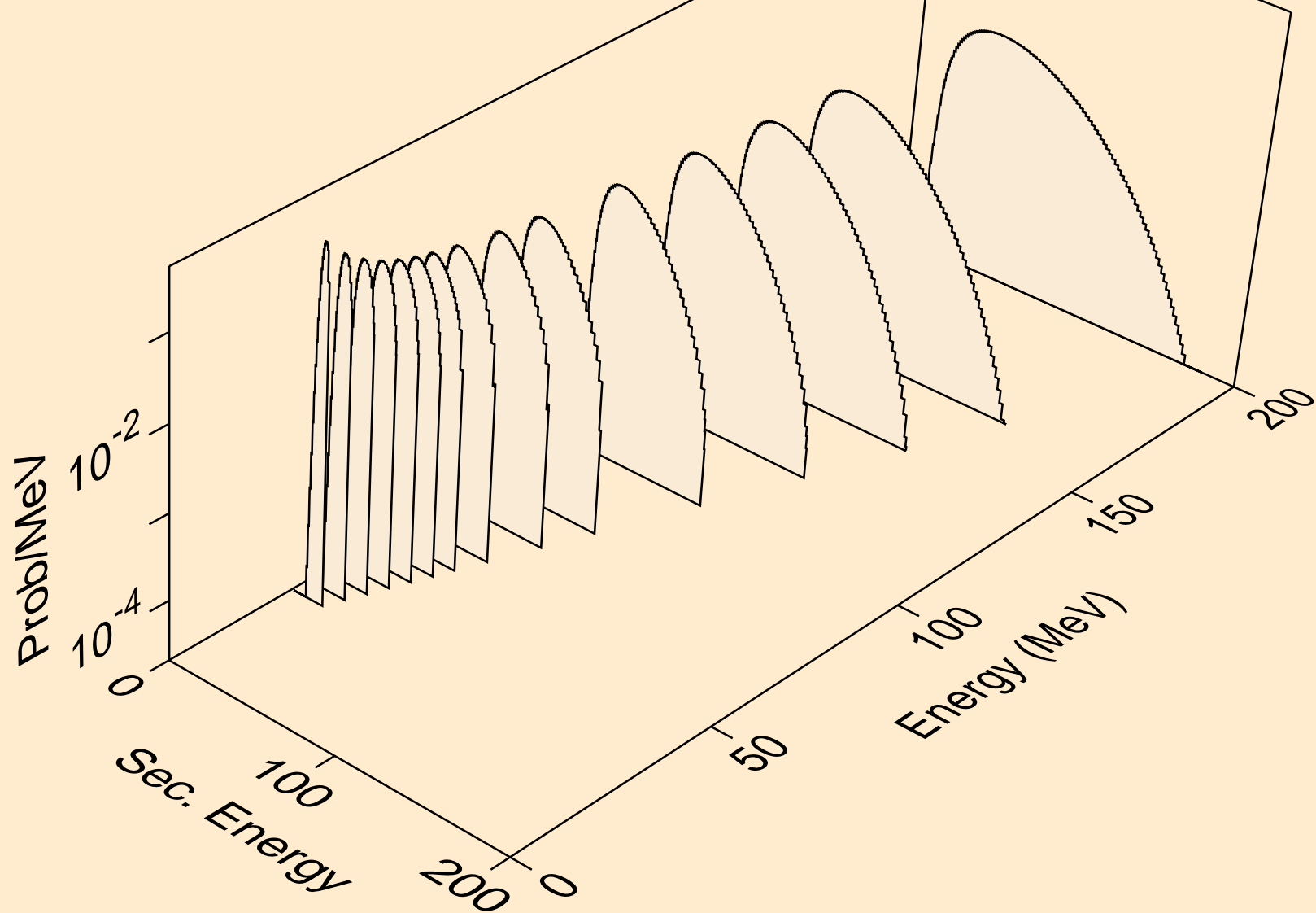
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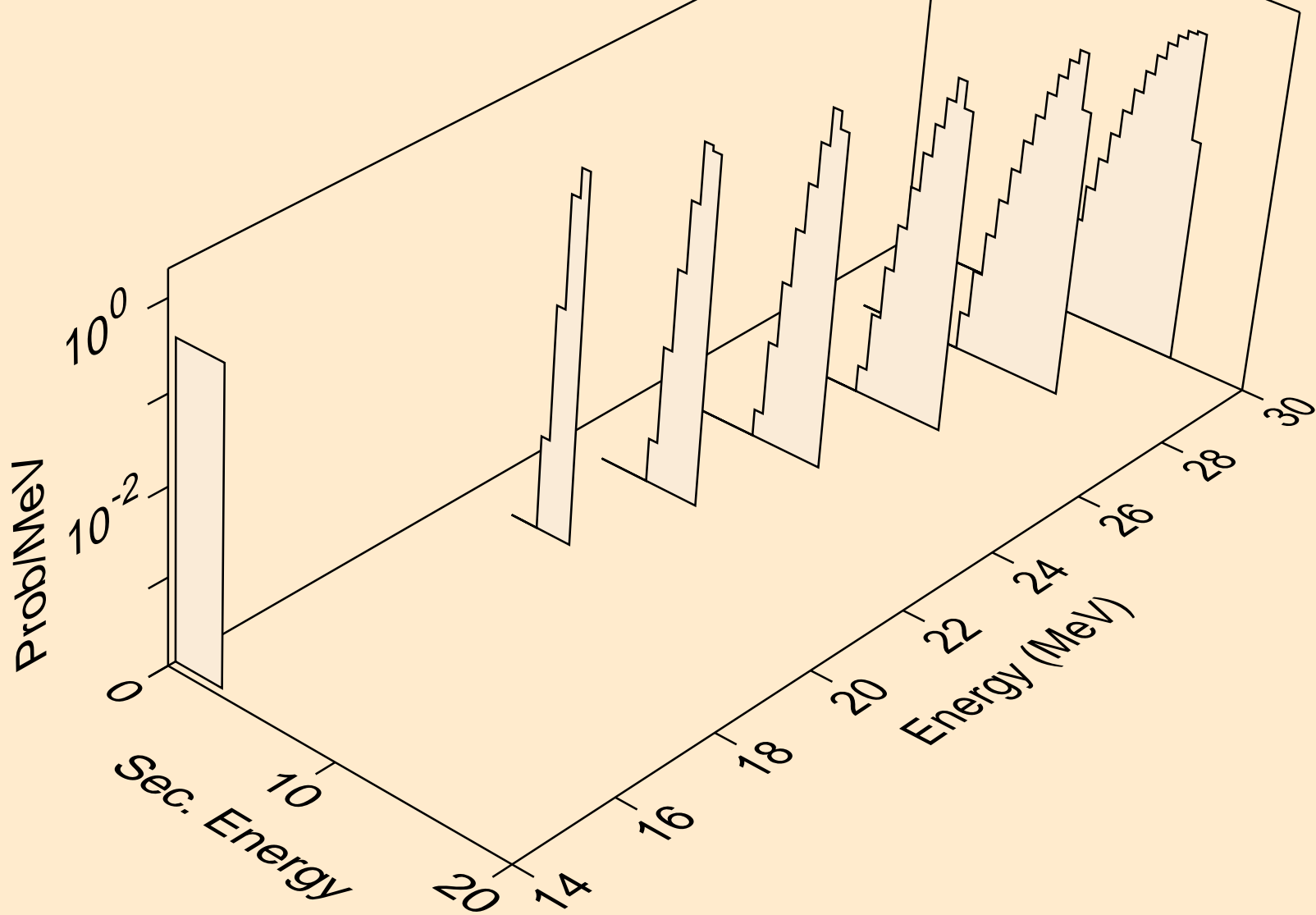
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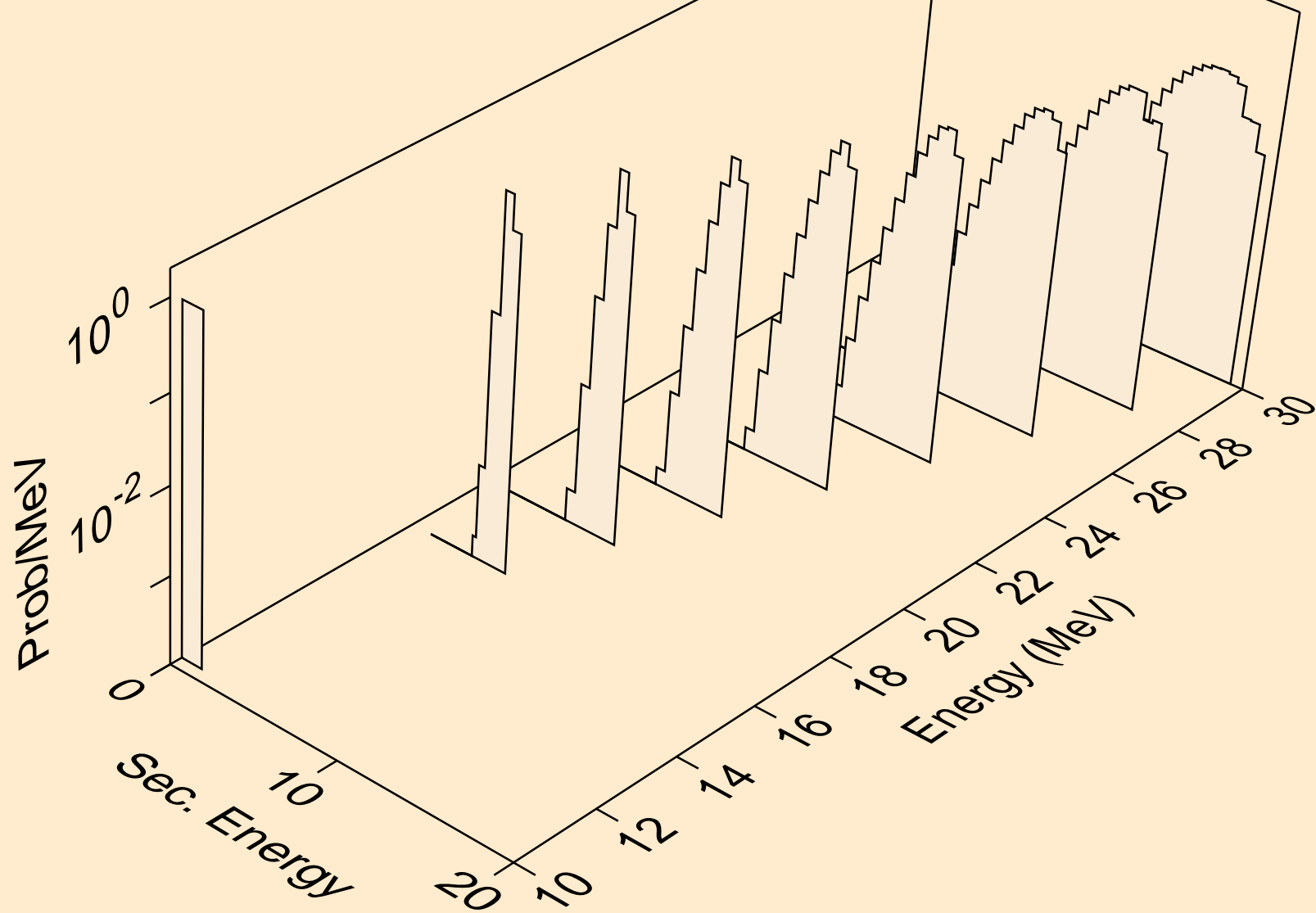
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



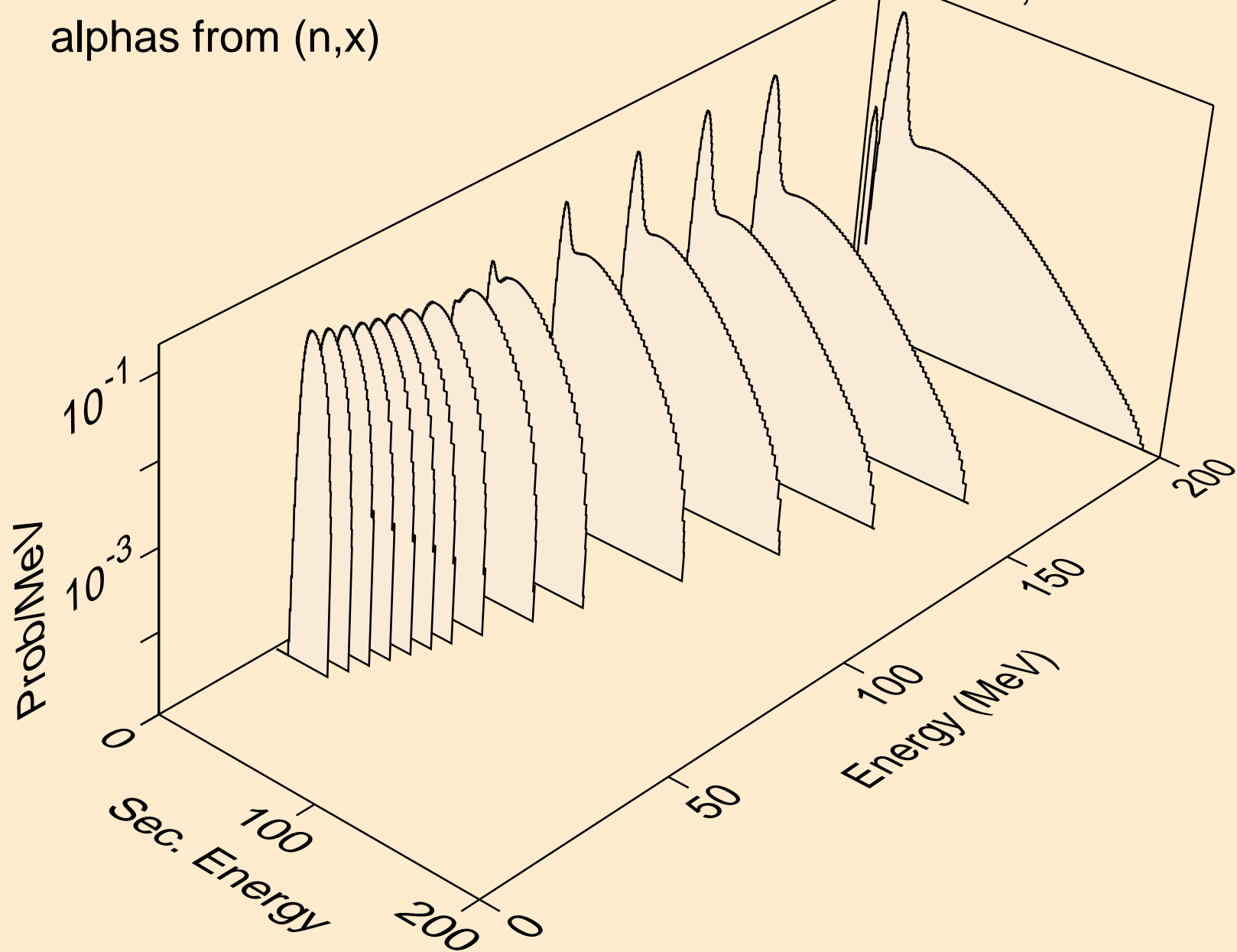
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he3s from (n,n*)he3



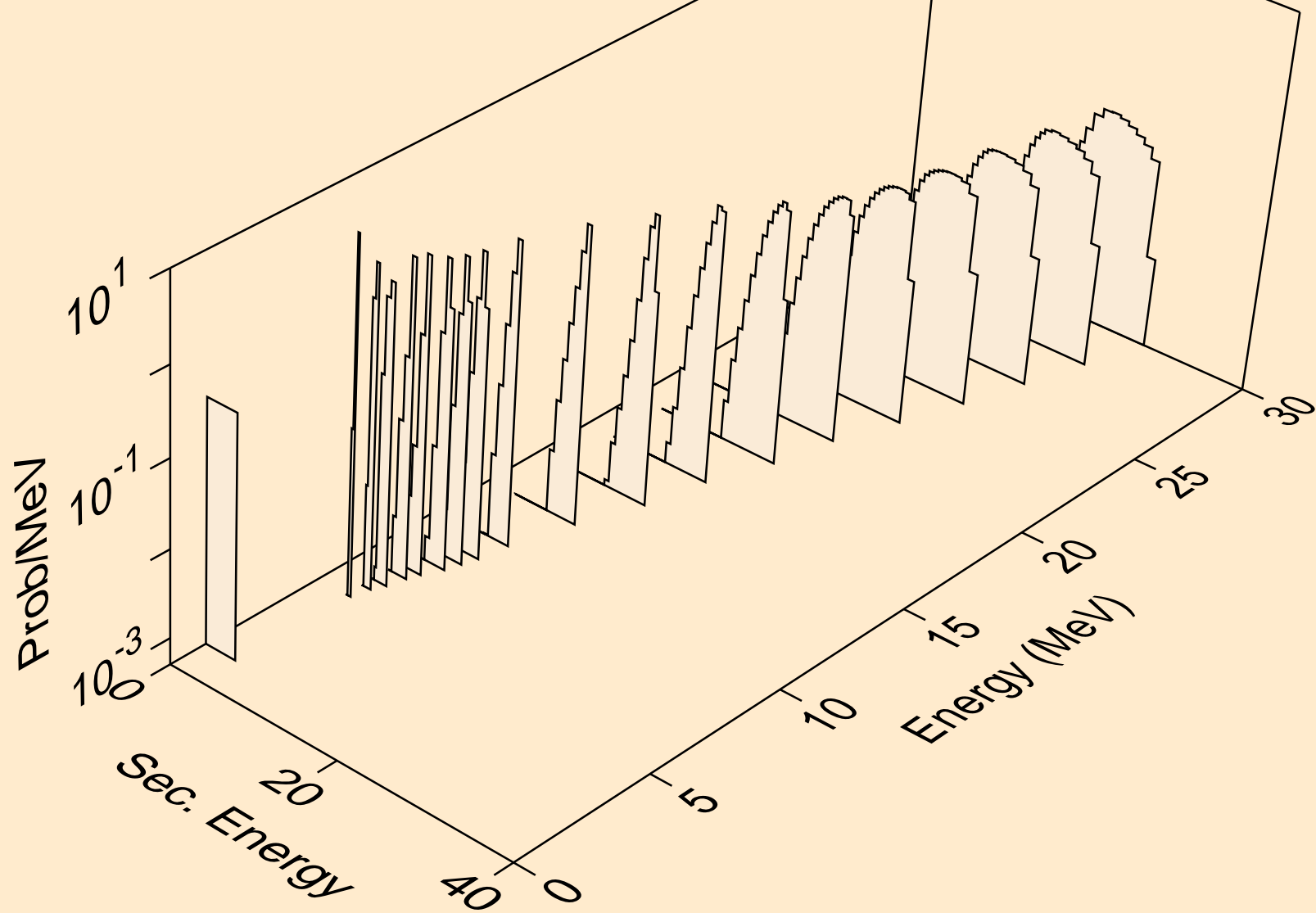
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he3s from (n,he3)



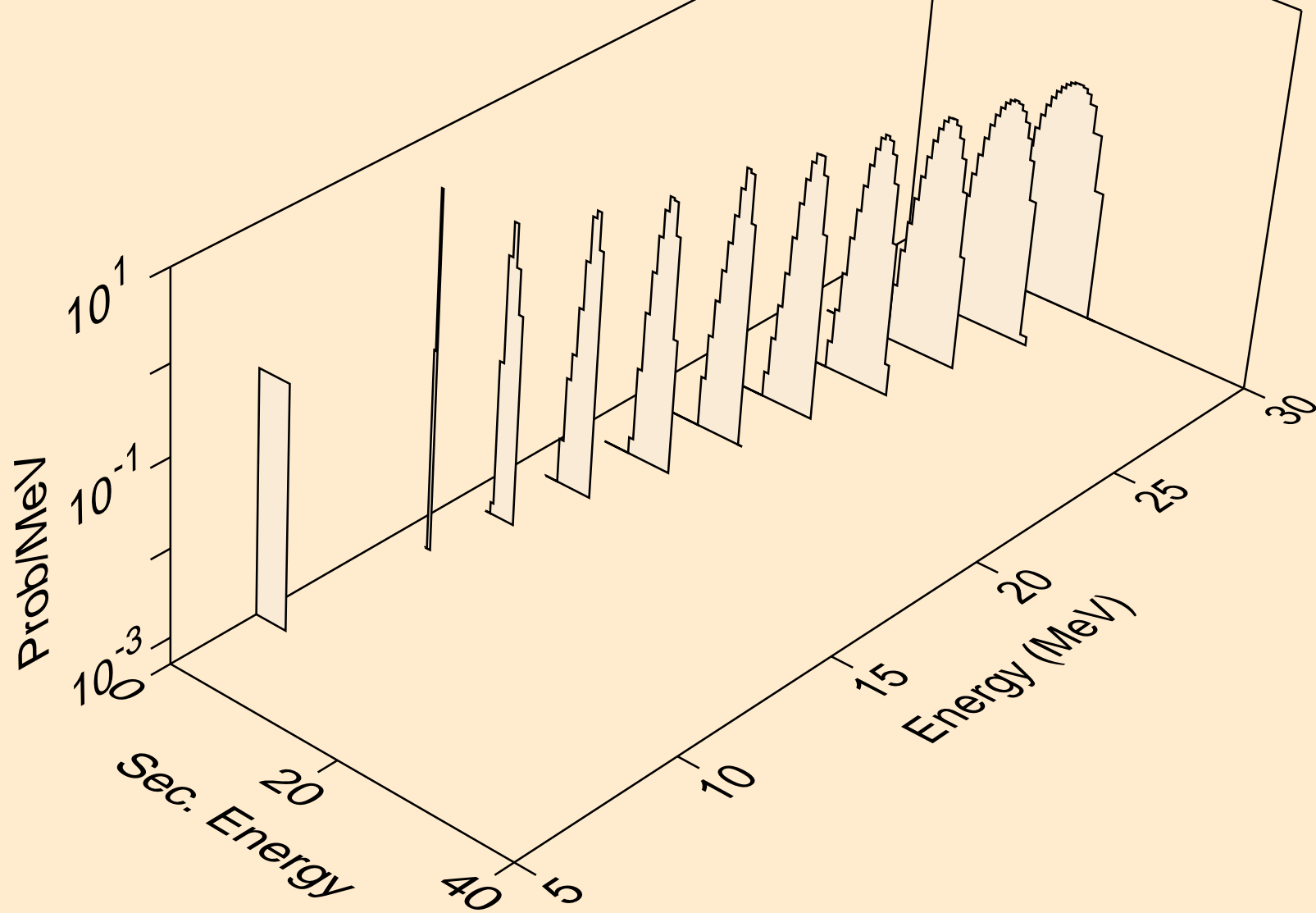
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



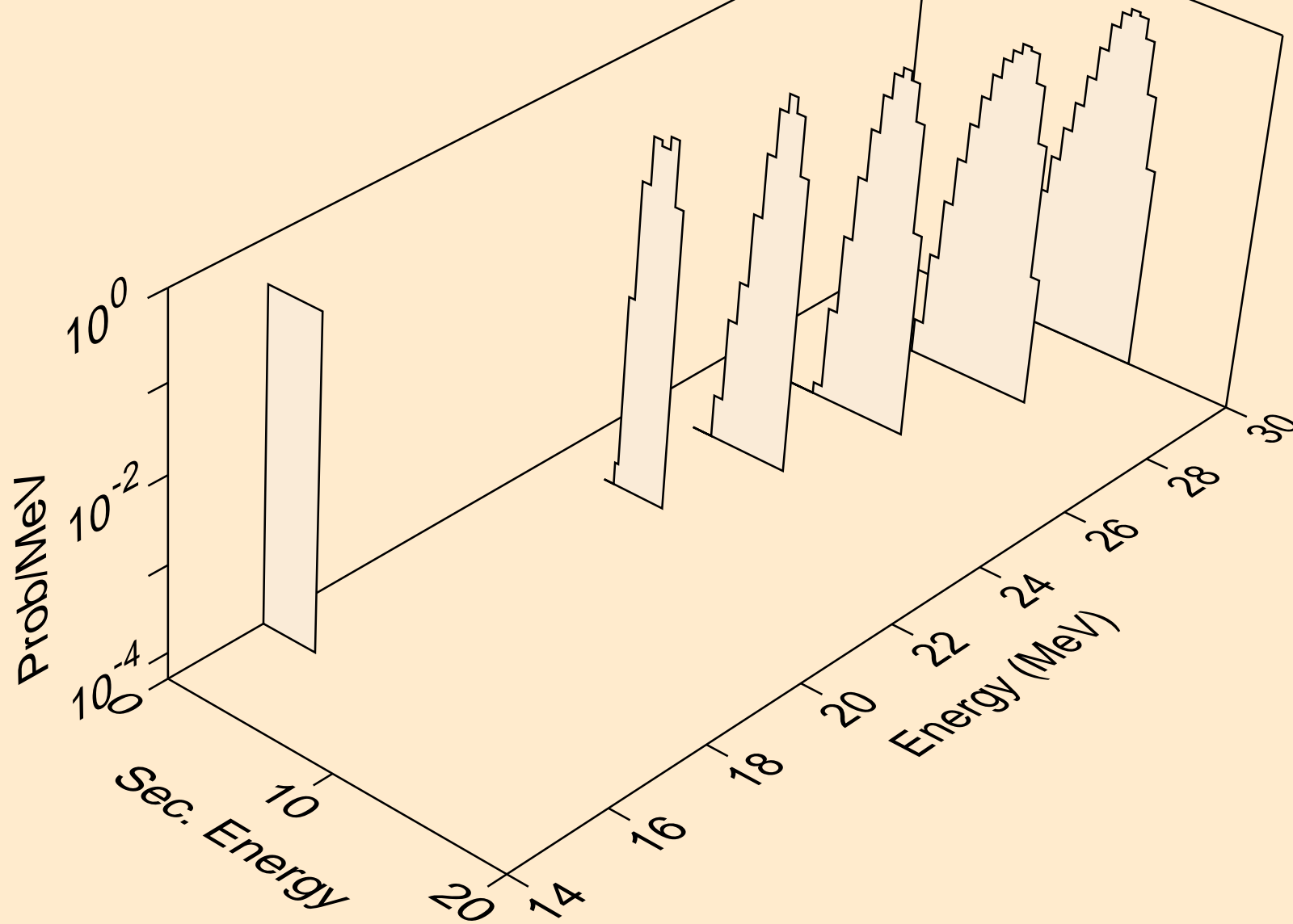
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



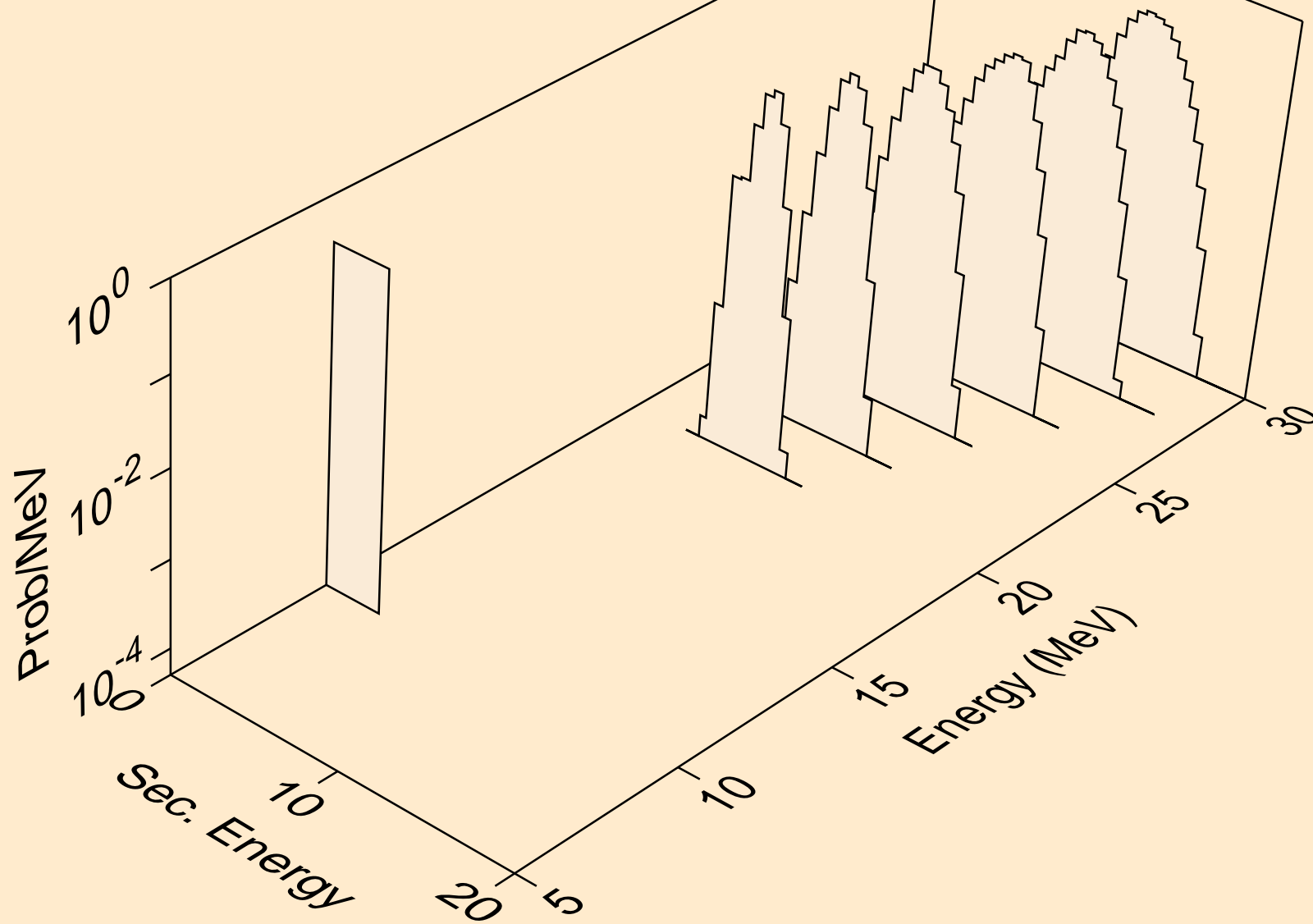
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



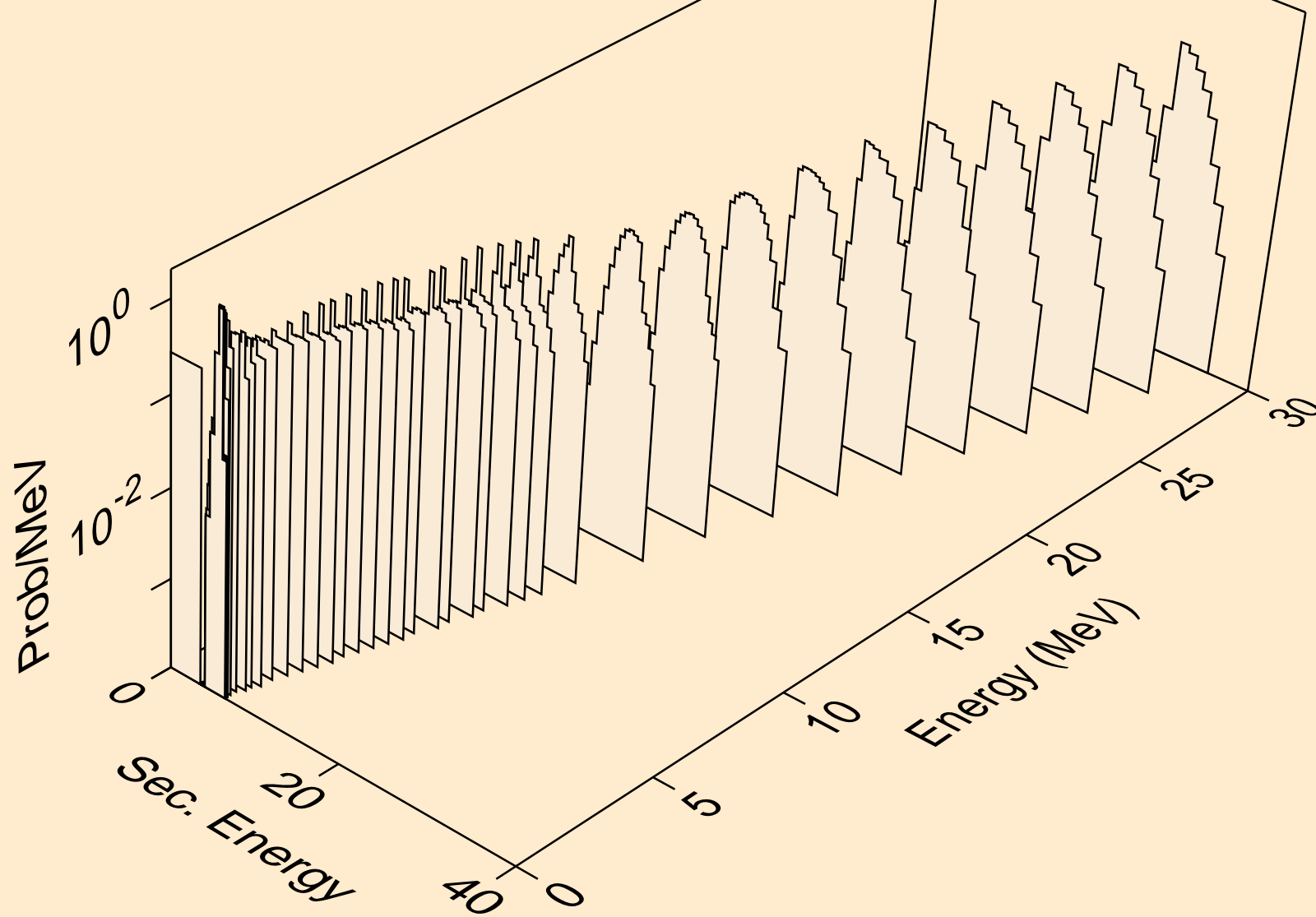
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



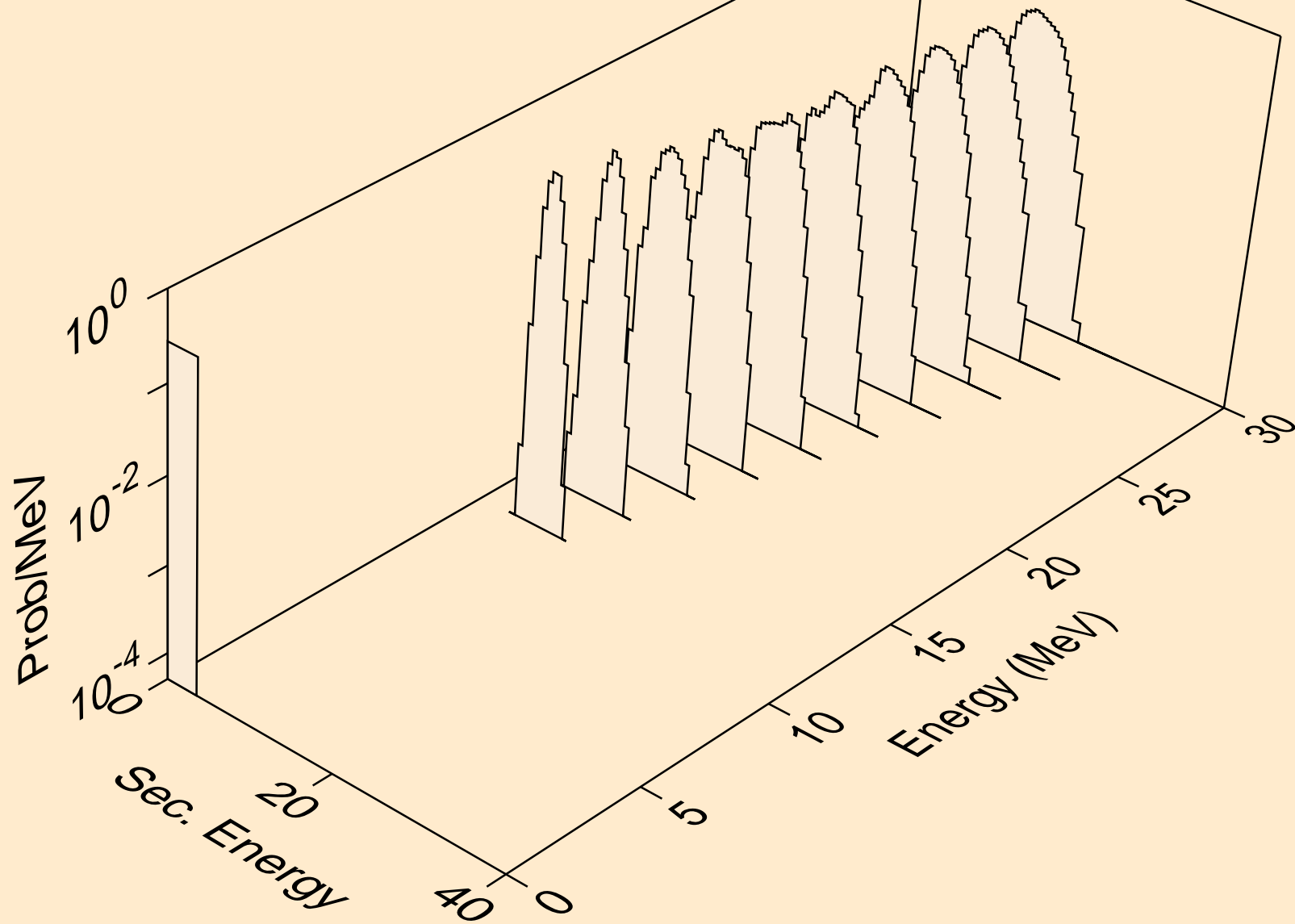
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



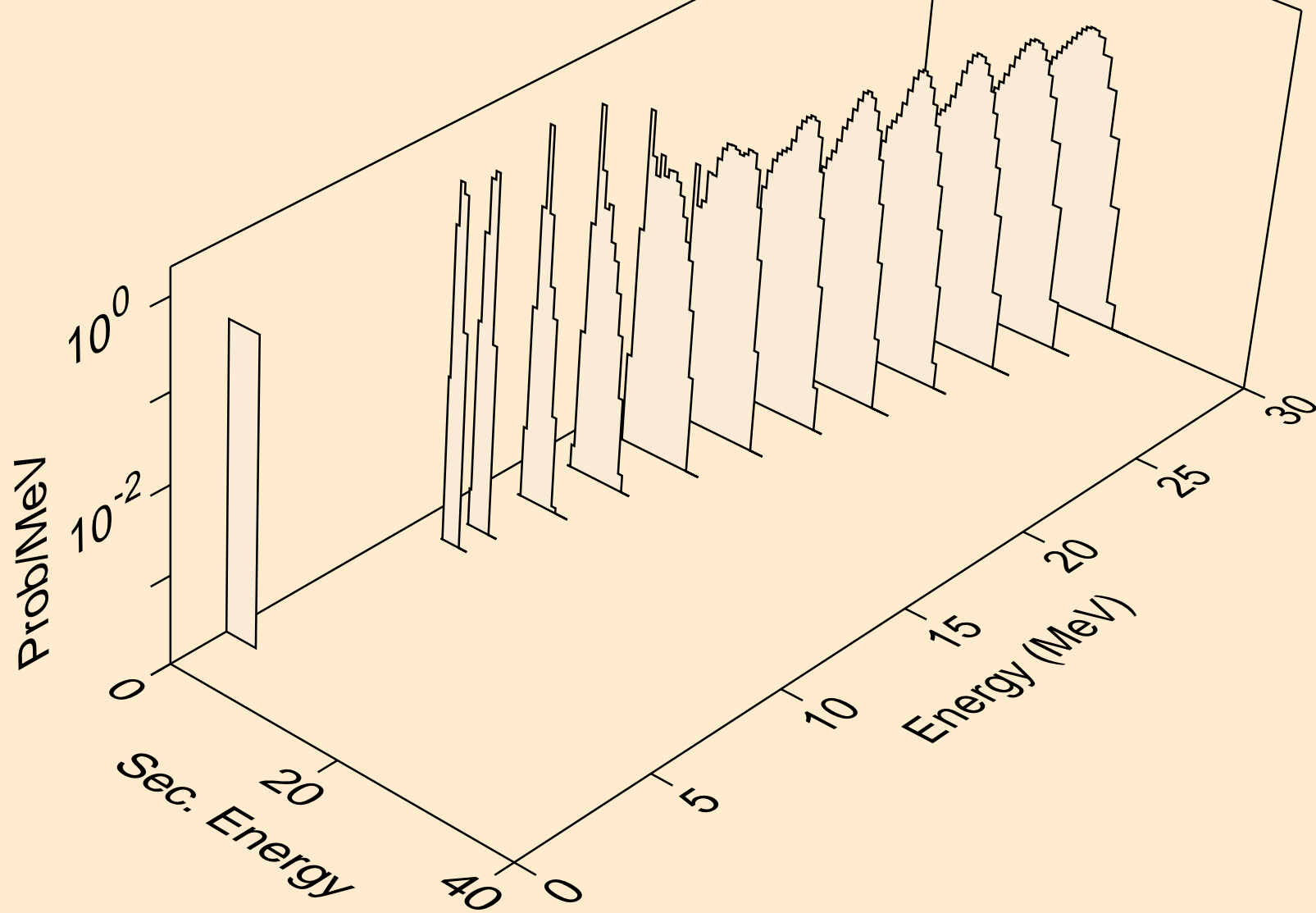
CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)



CS138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

