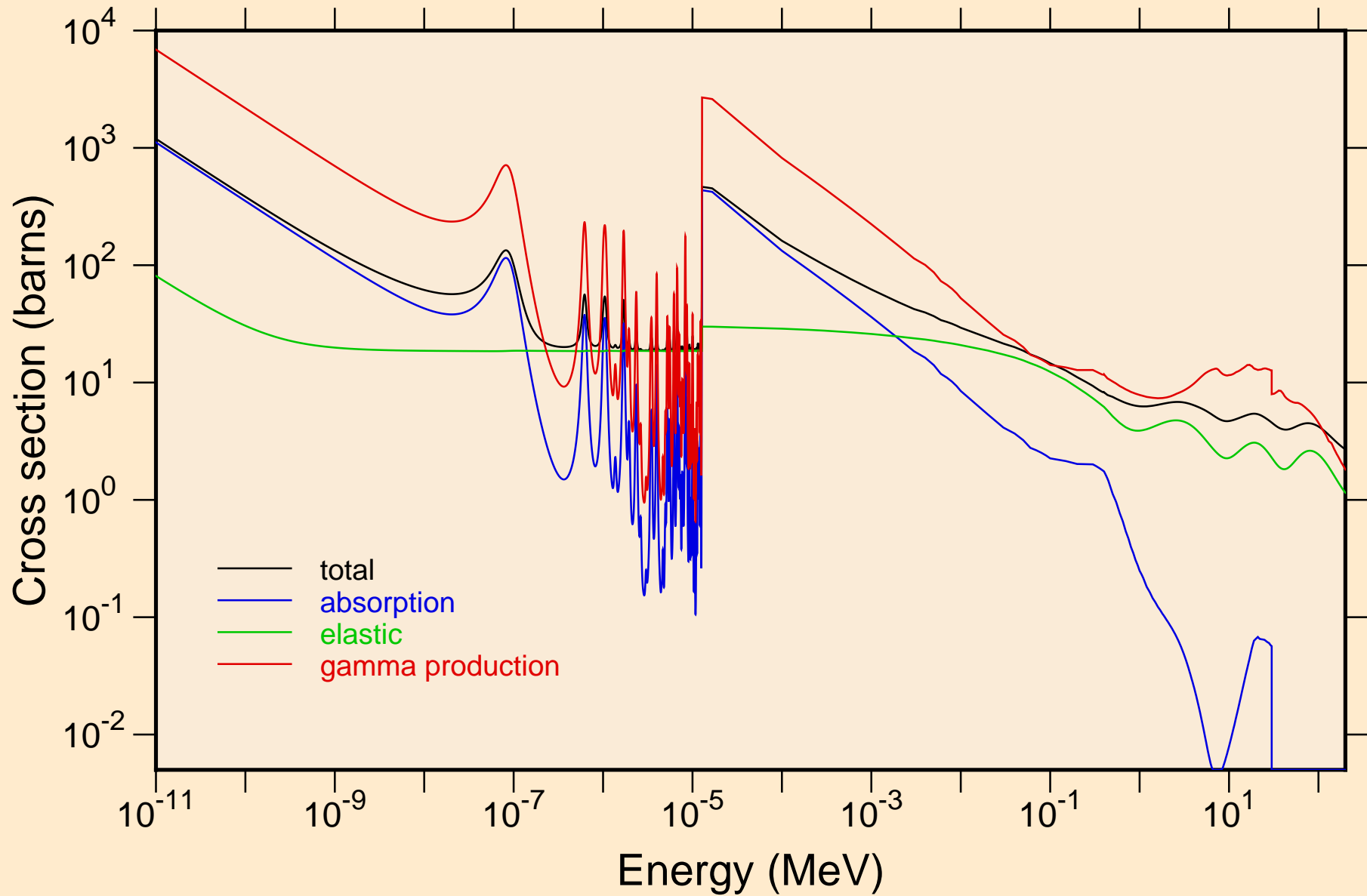
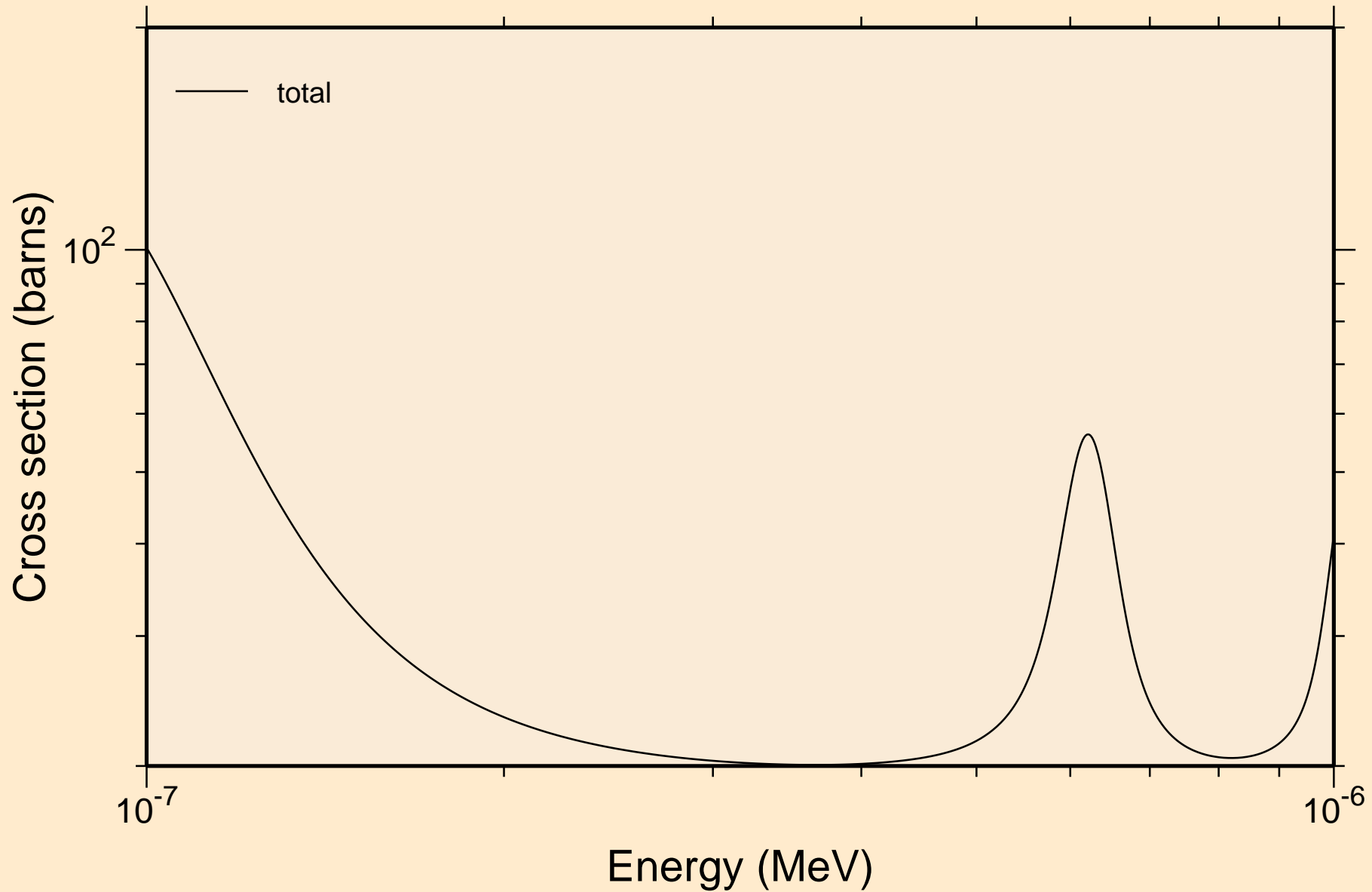


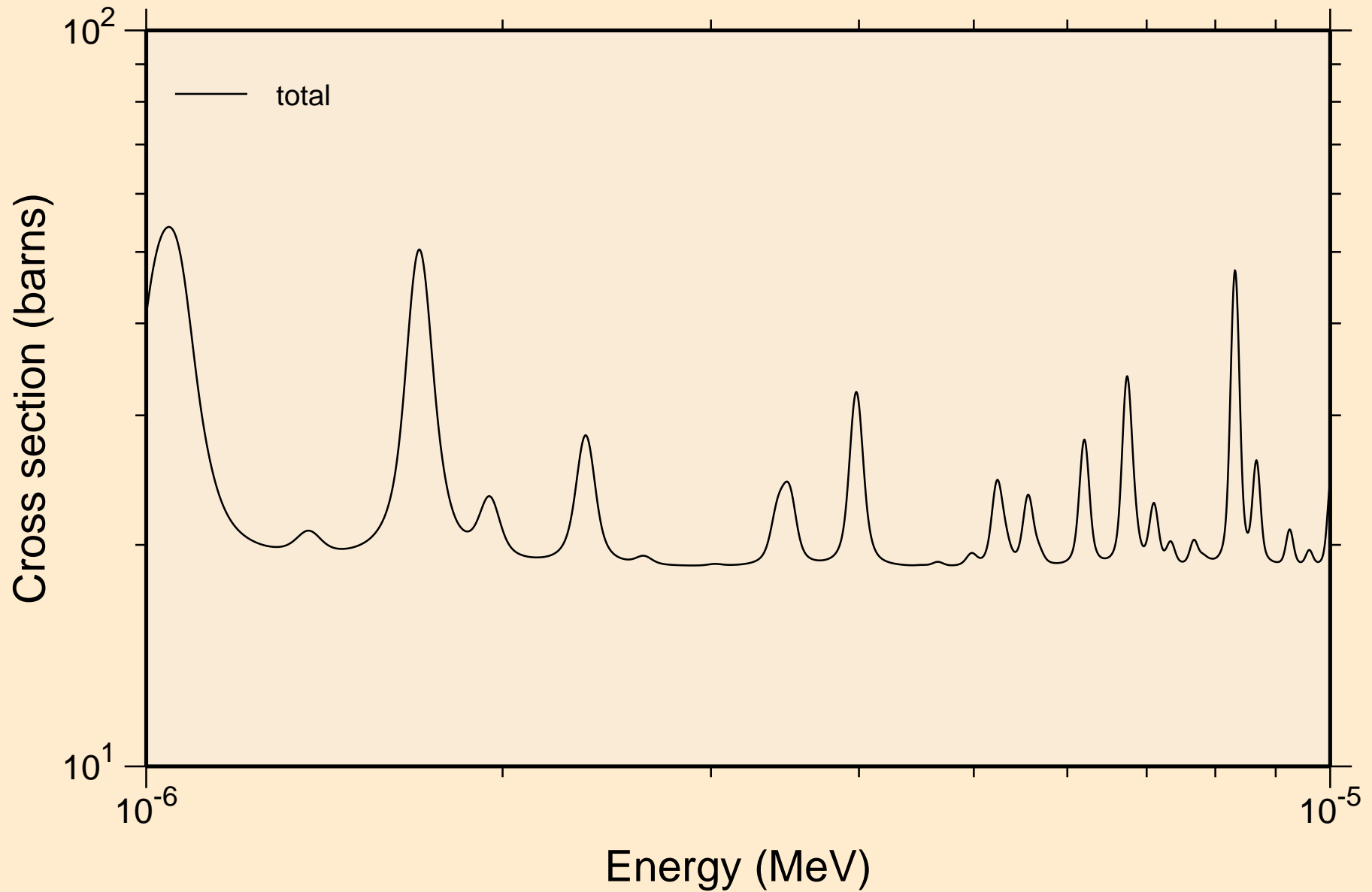
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



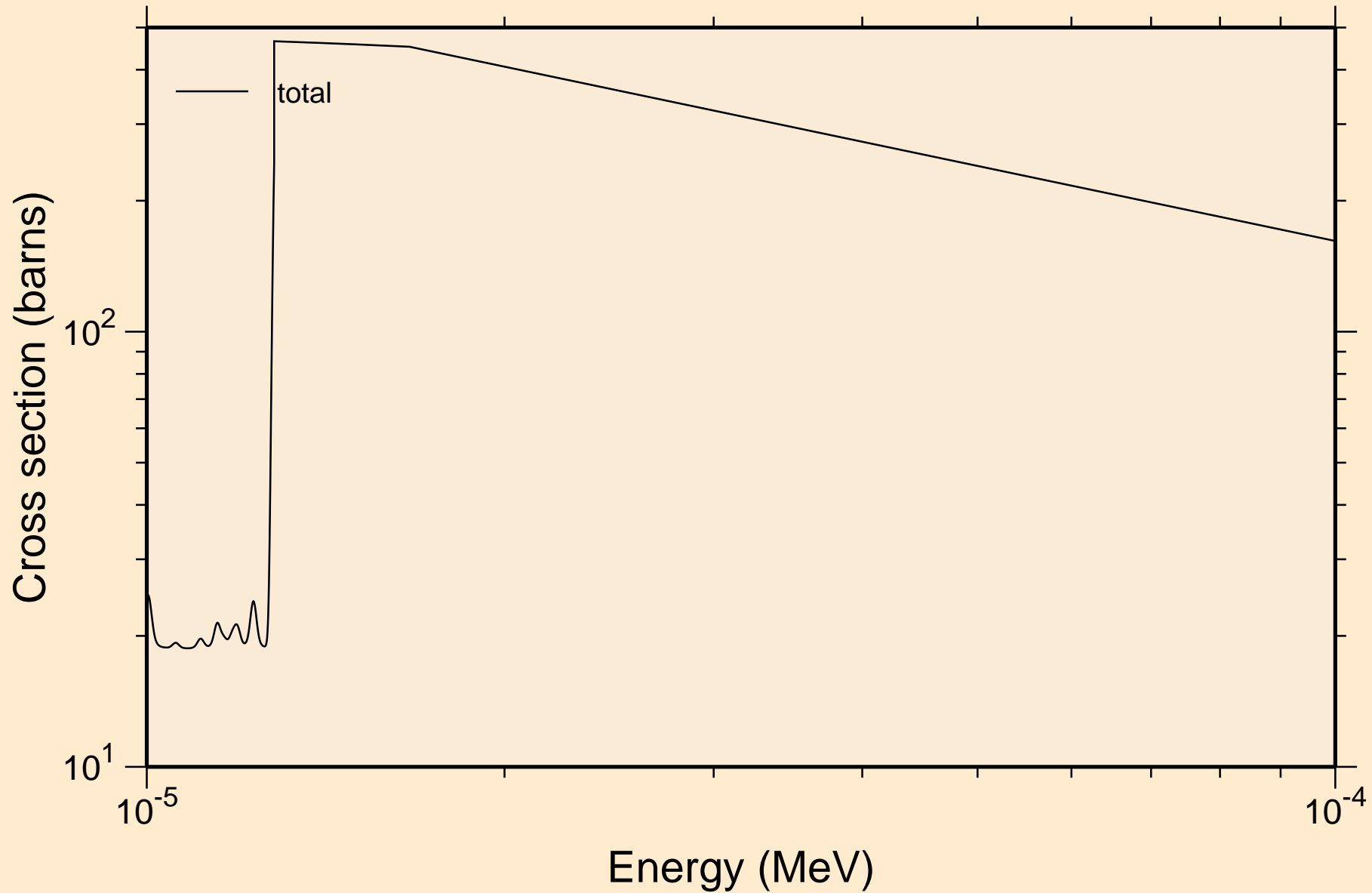
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resonance total cross section



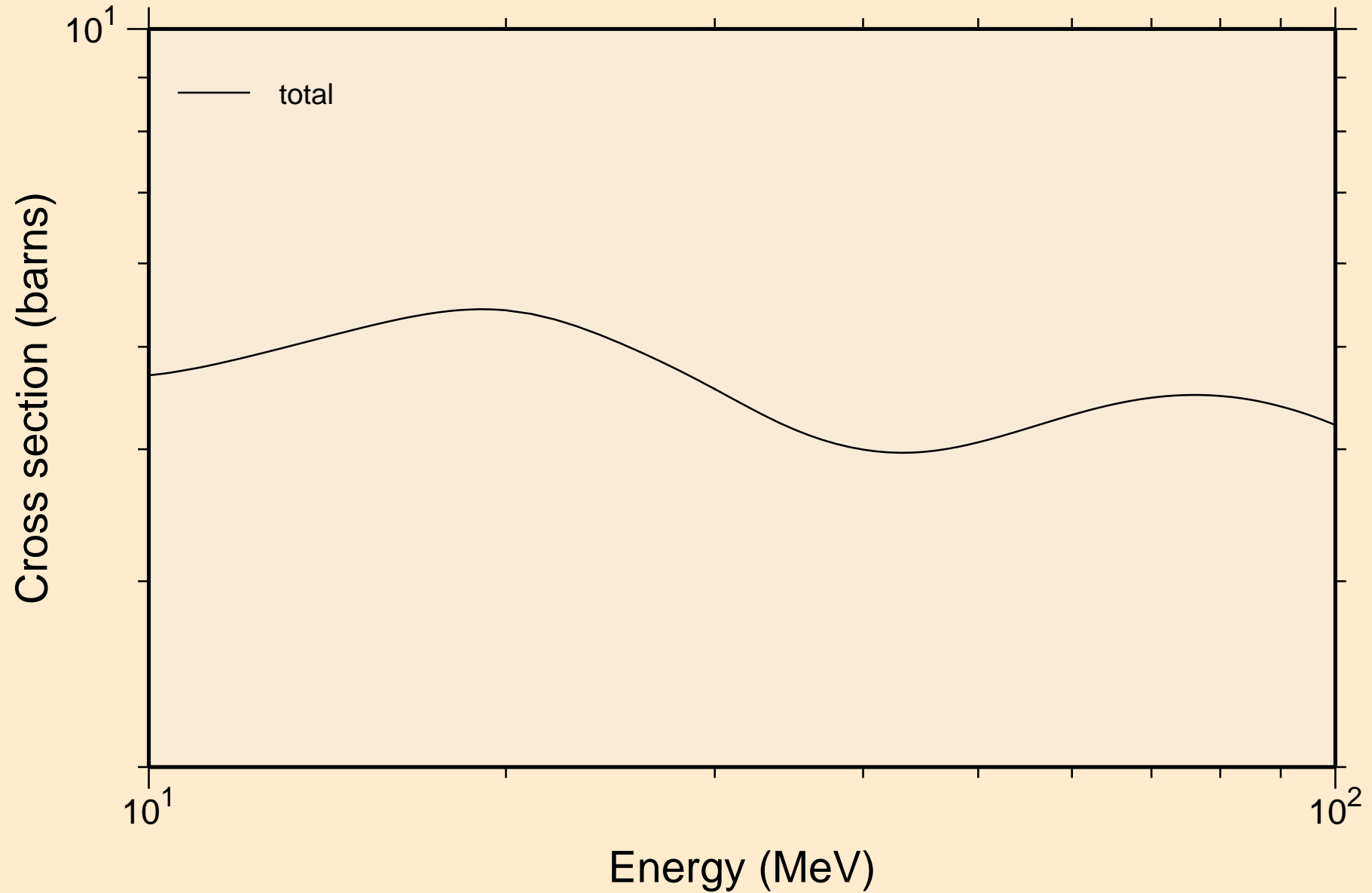
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resonance total cross section



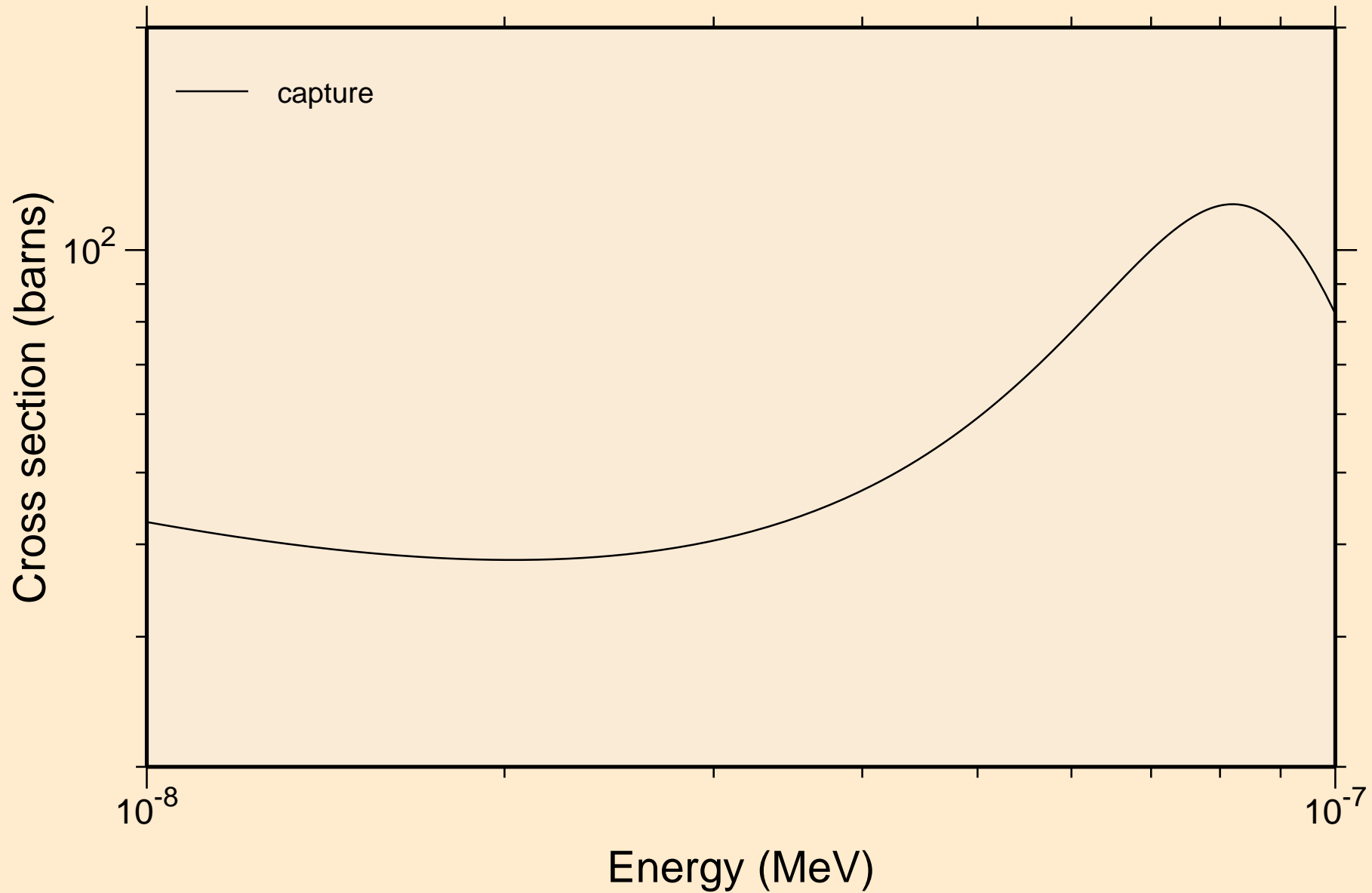
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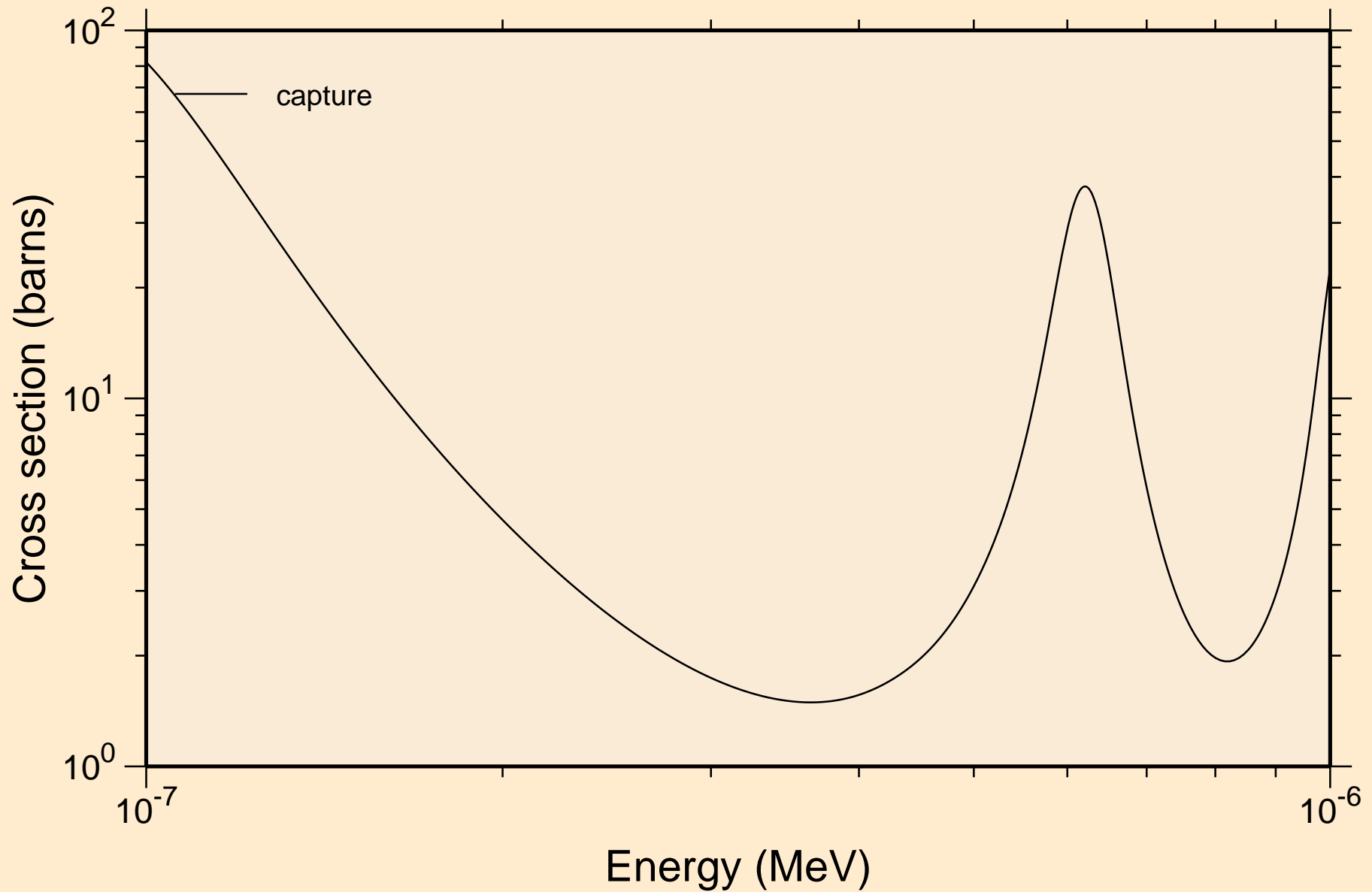
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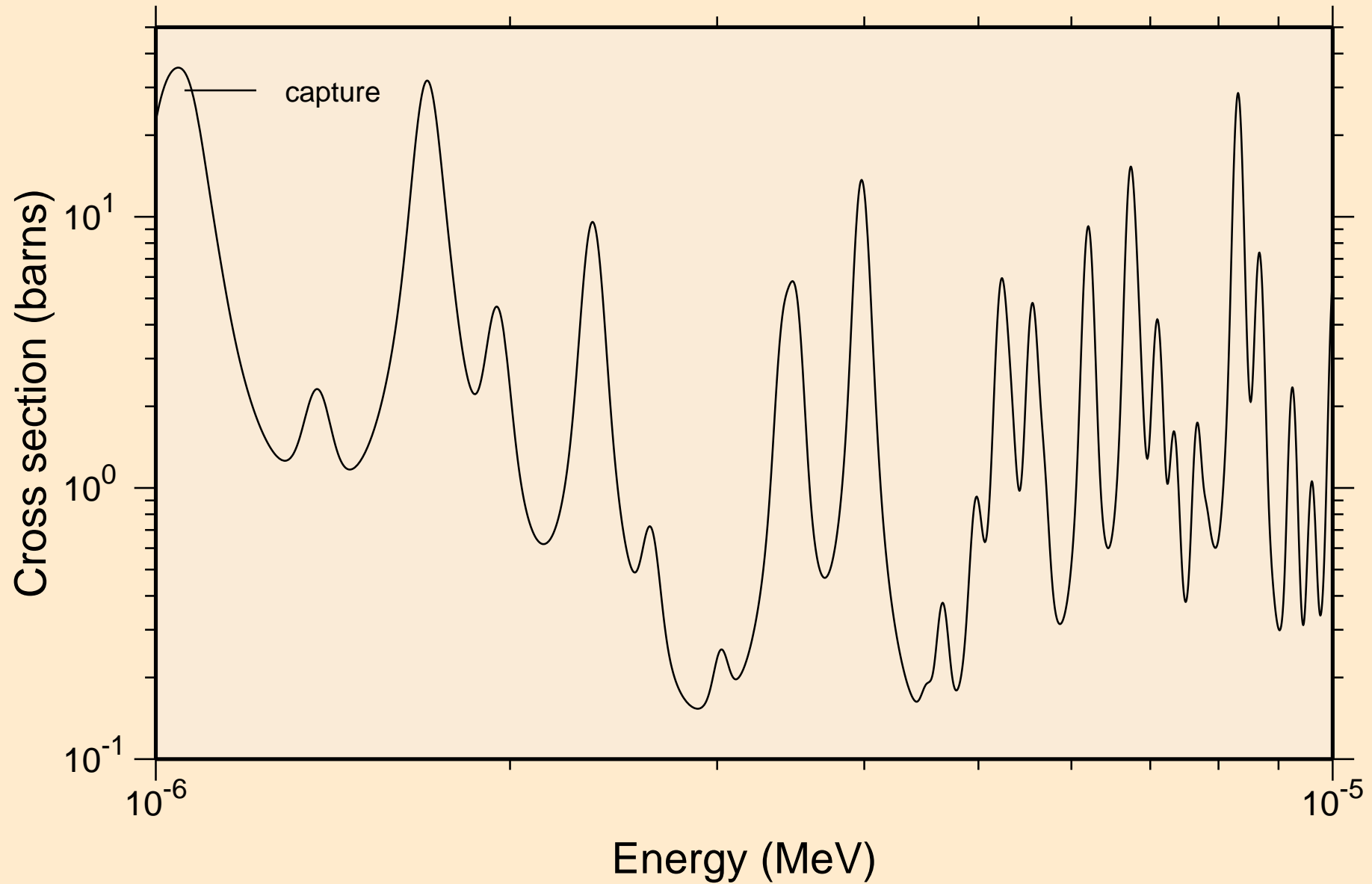
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resonance absorption cross sections



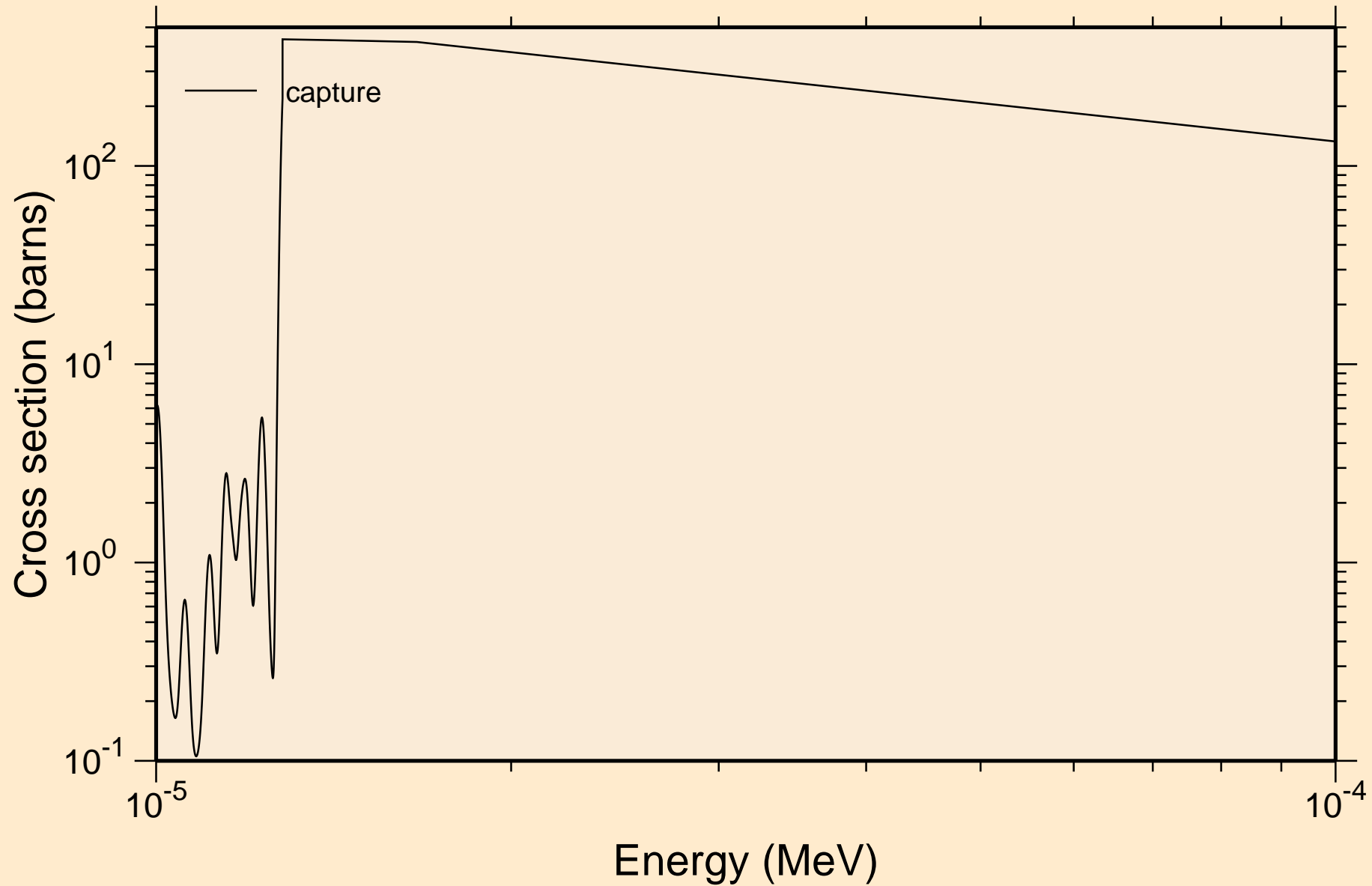
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



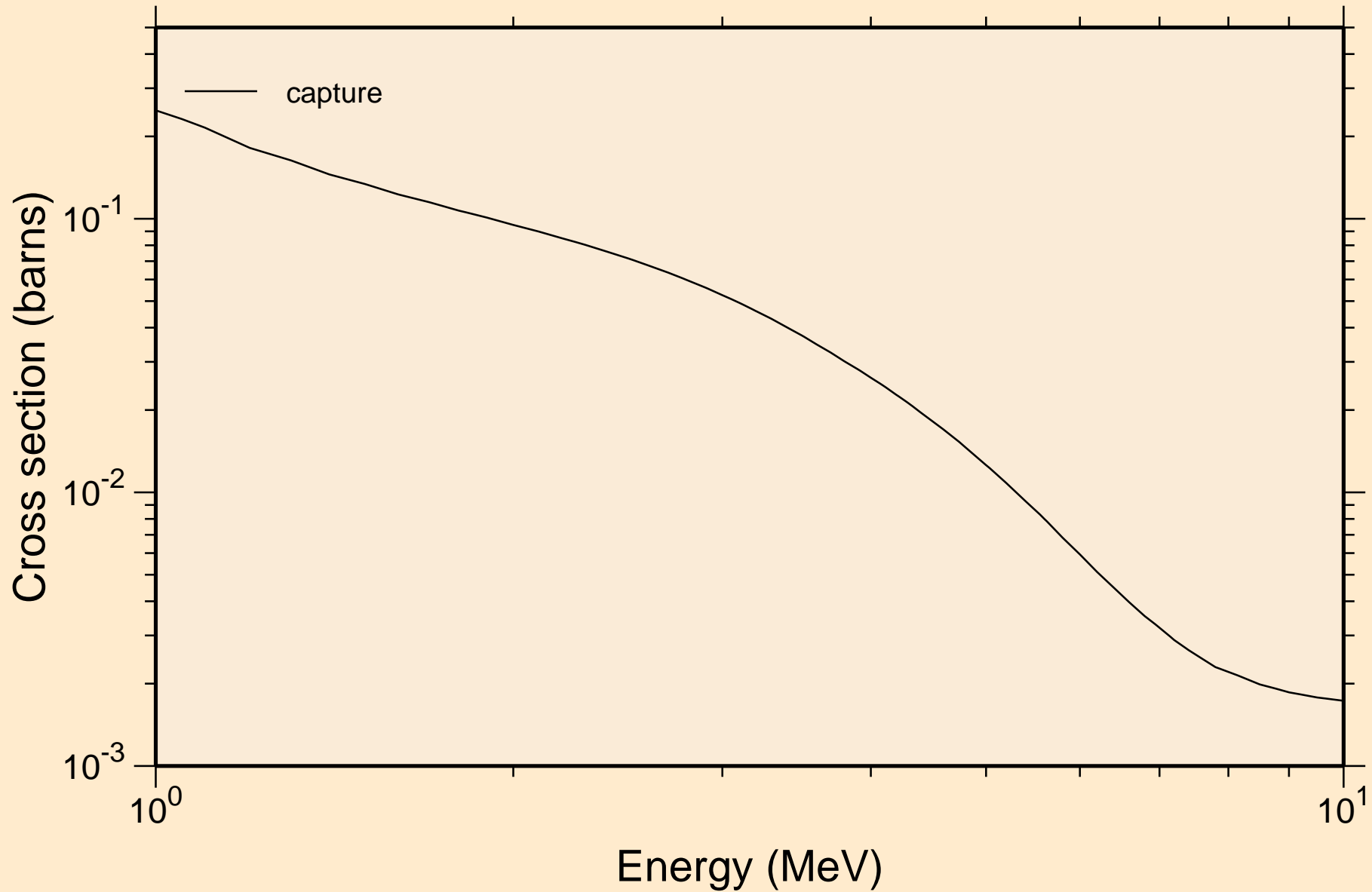
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resonance absorption cross sections



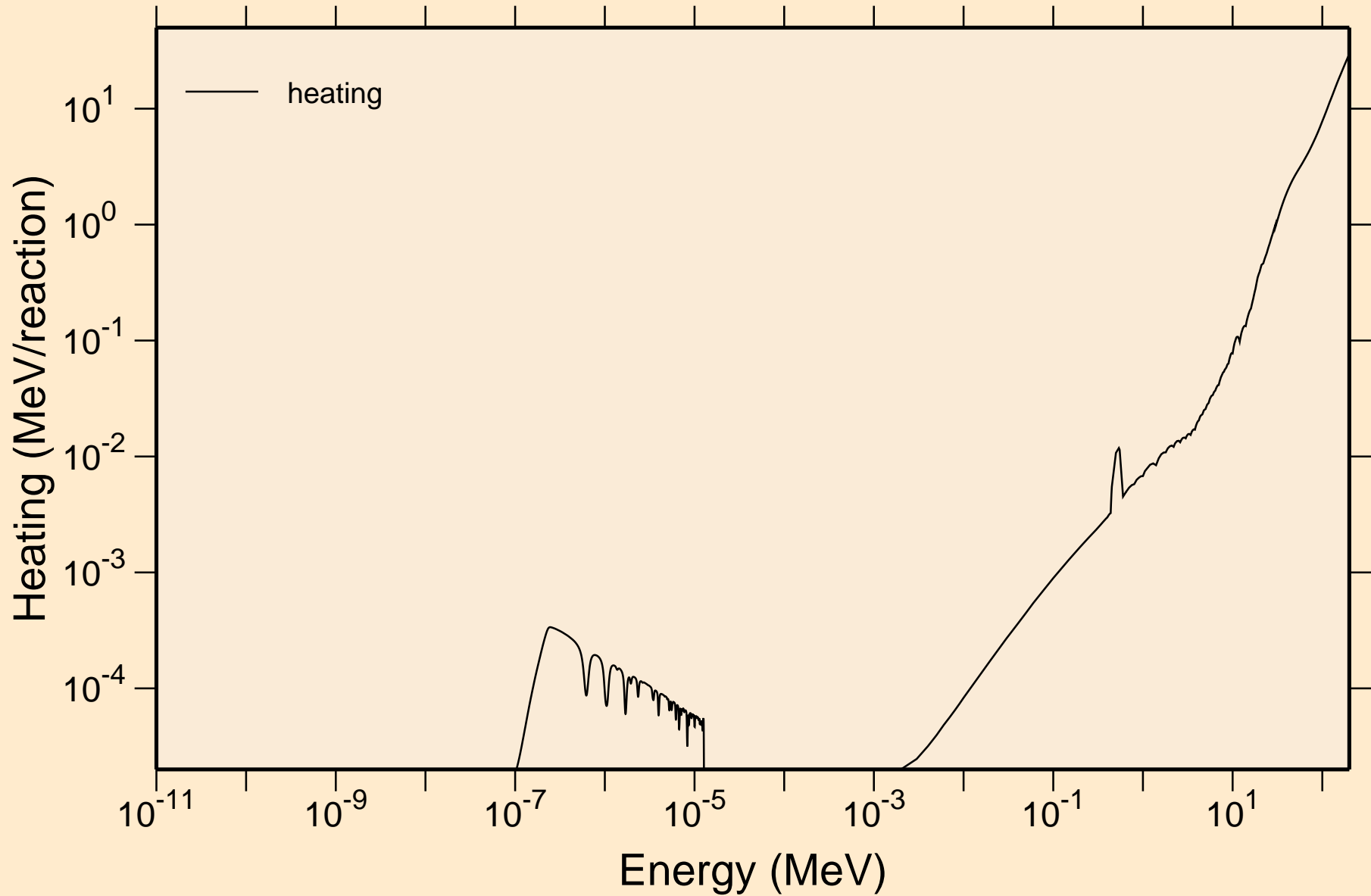
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resonance absorption cross sections



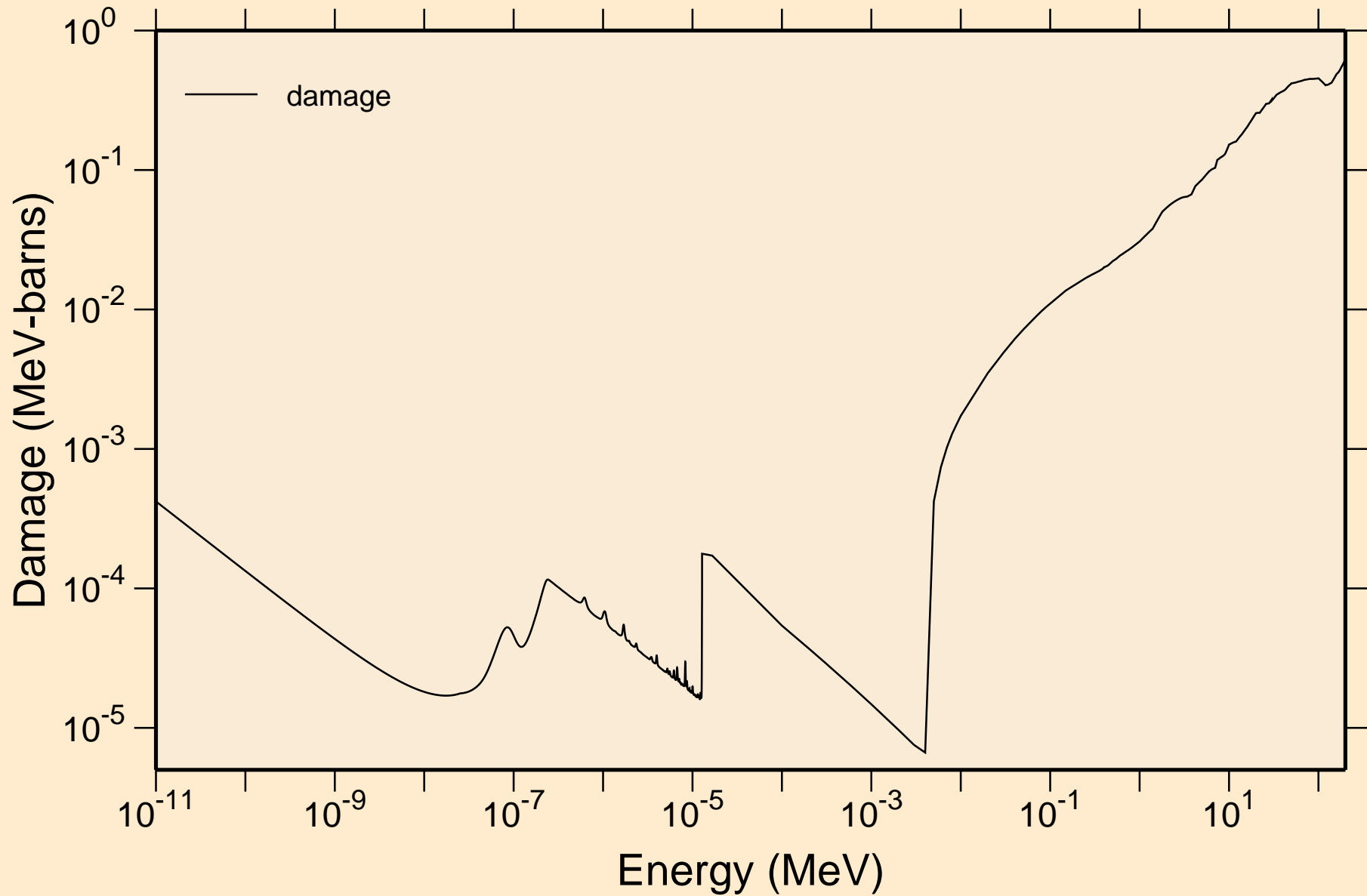
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resonance absorption cross sections



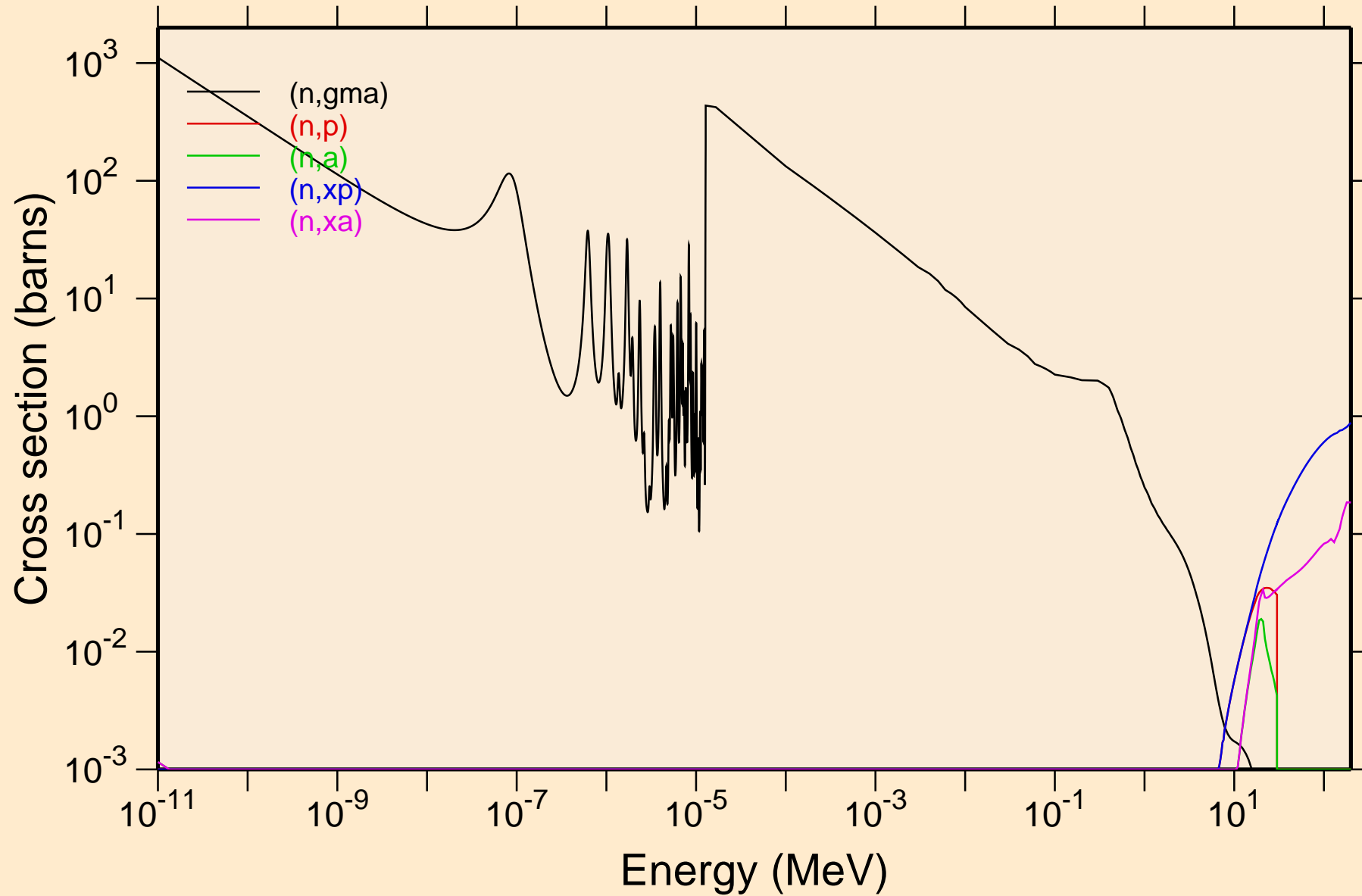
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



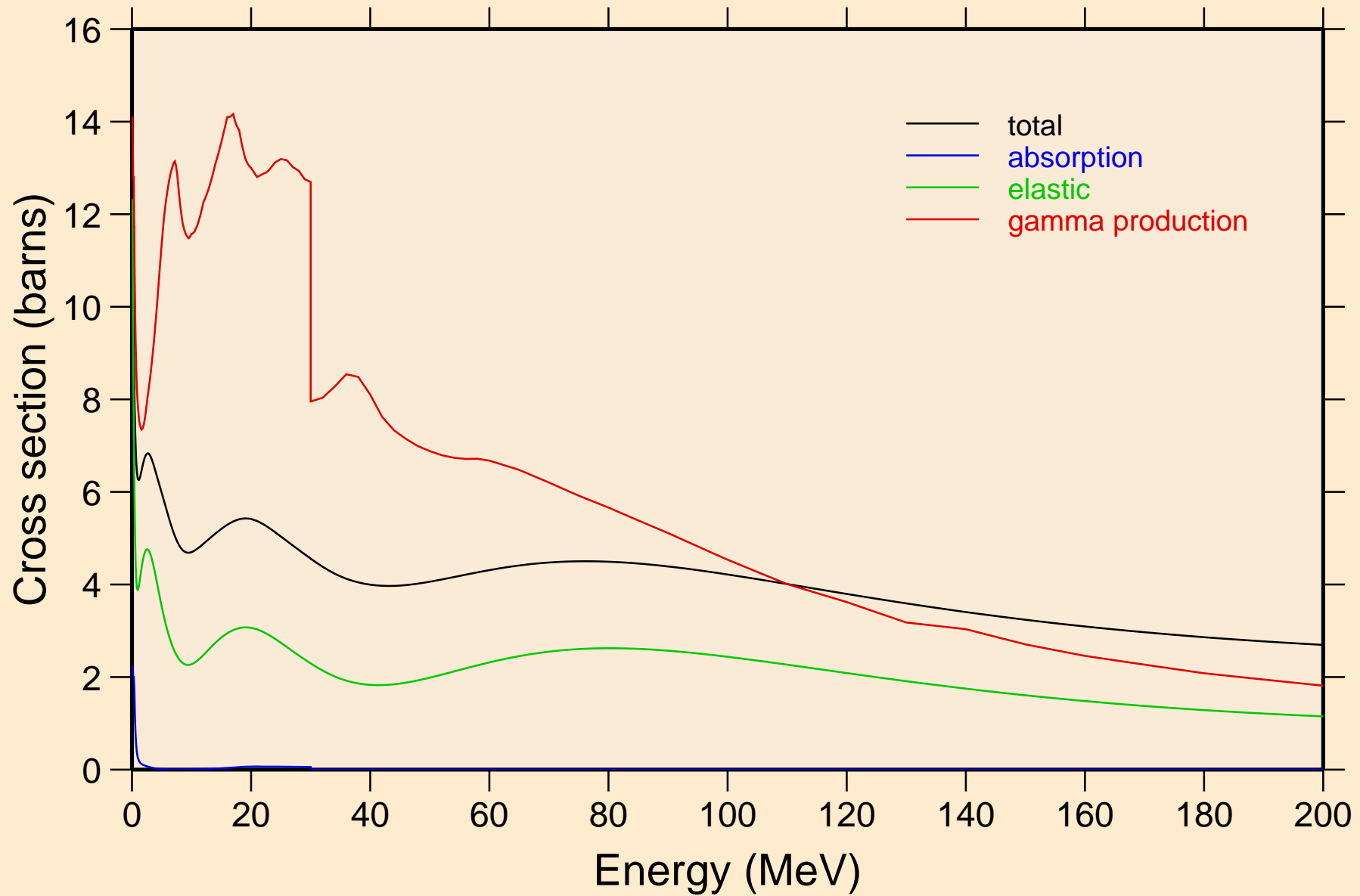
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage



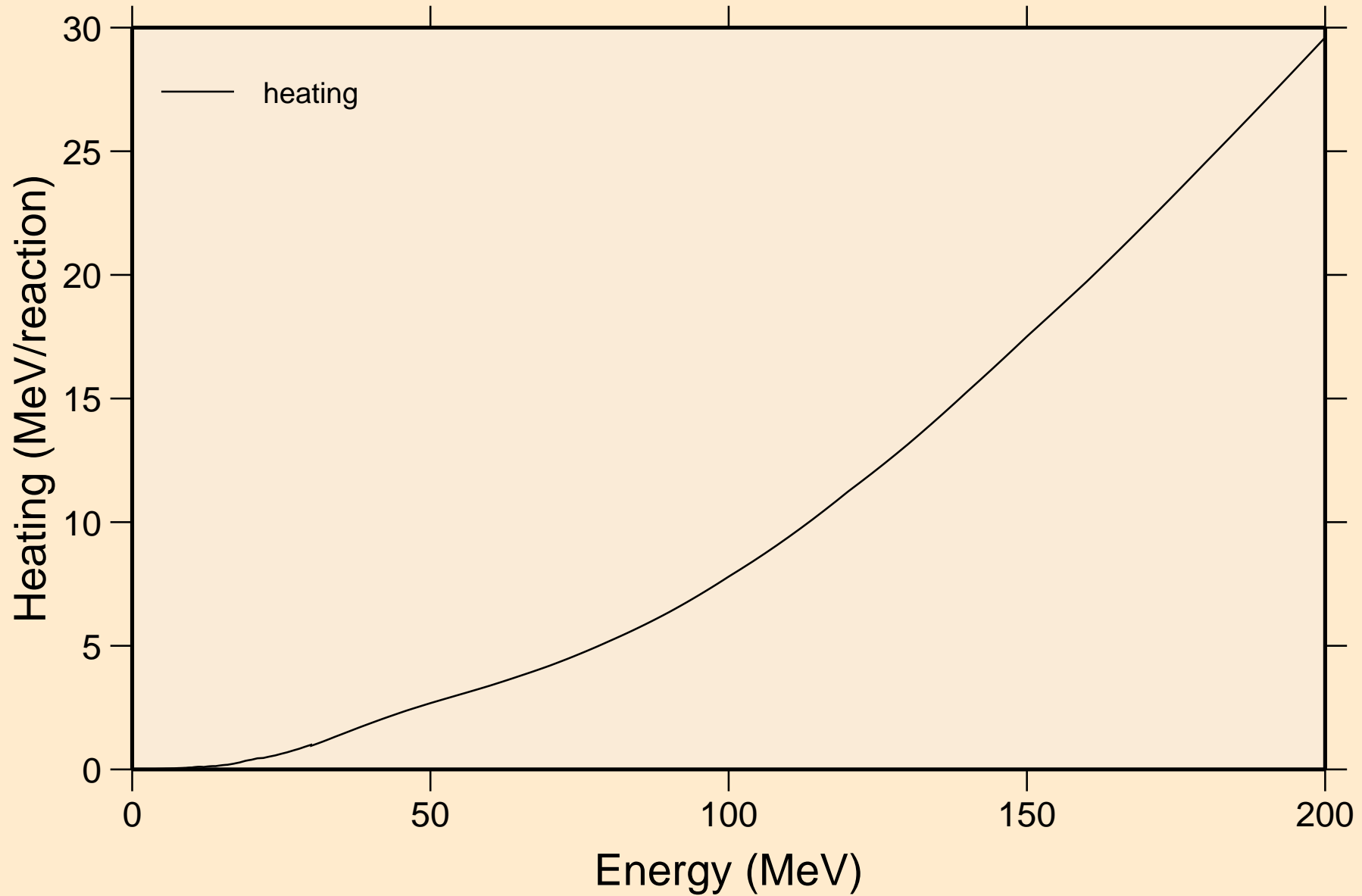
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Non-threshold reactions



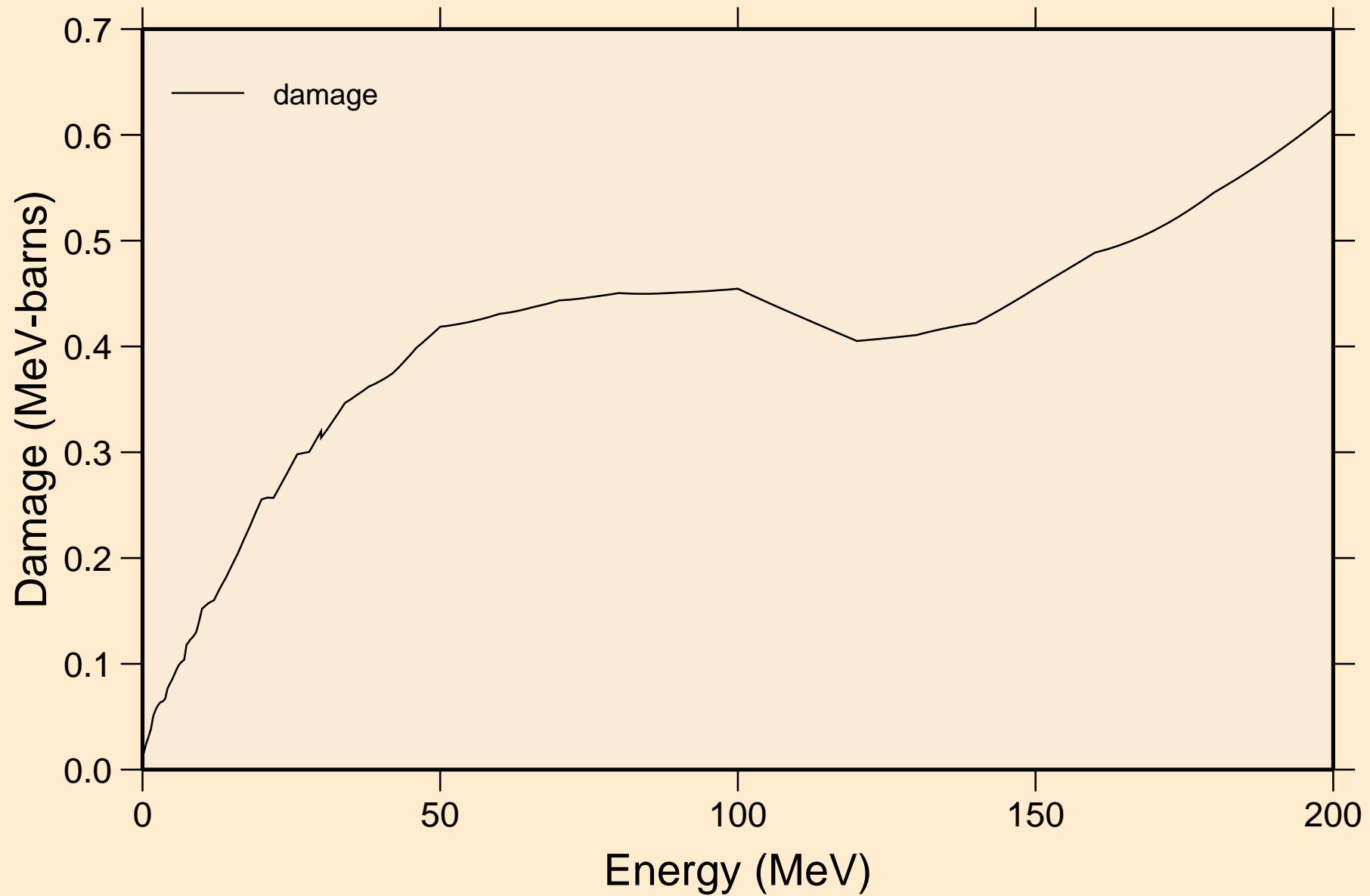
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Principal cross sections



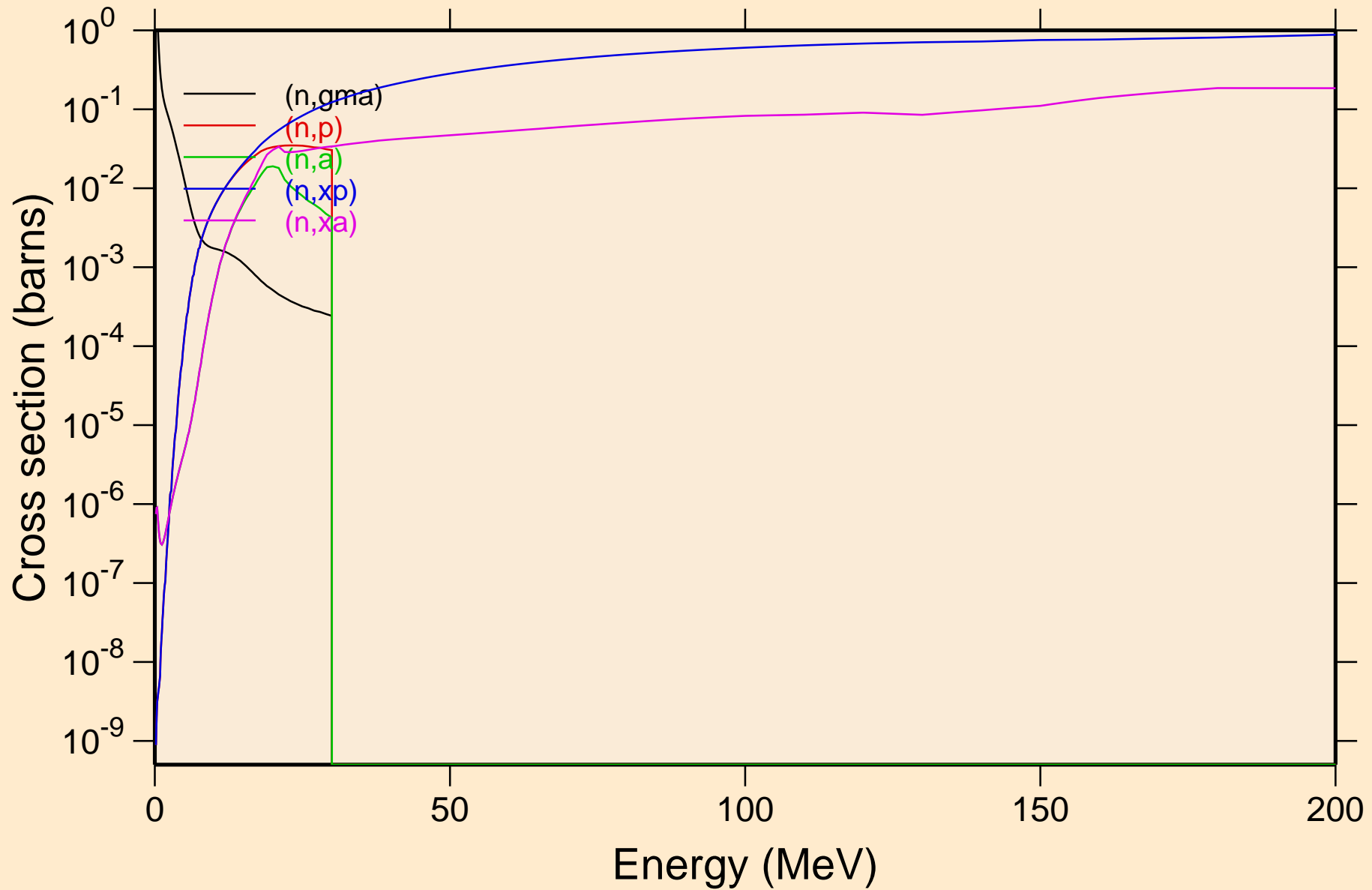
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Heating



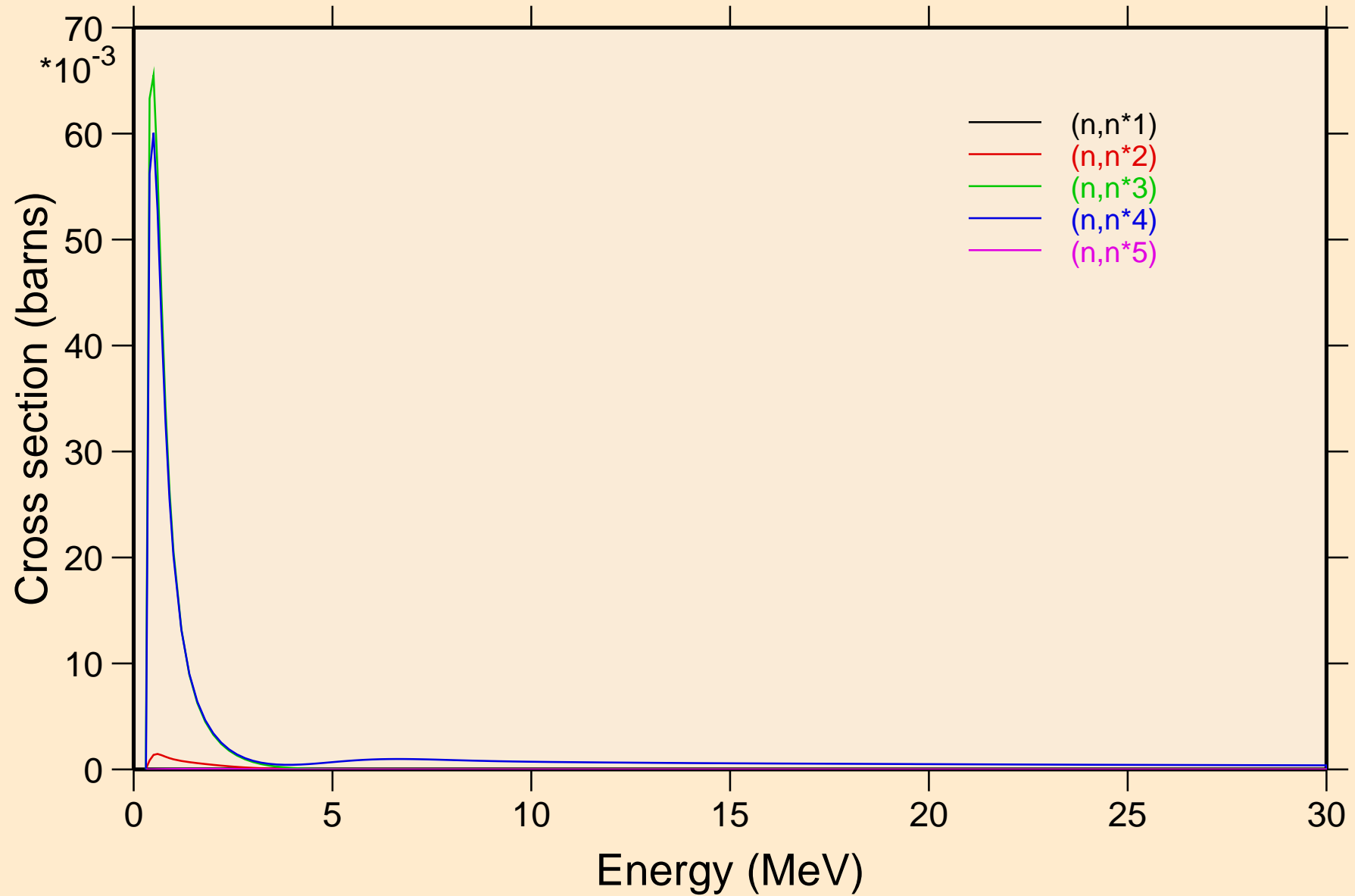
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Damage



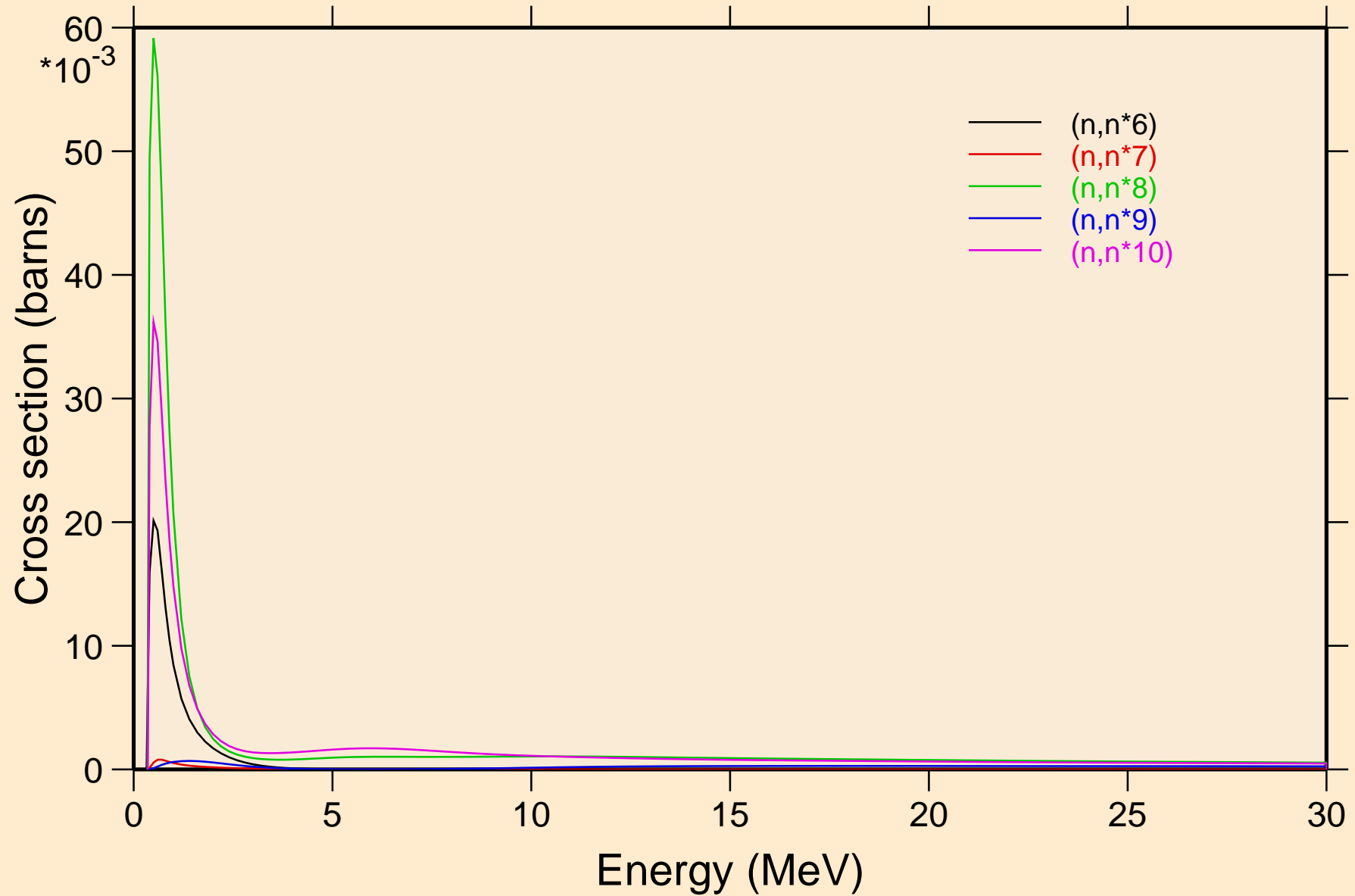
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Non-threshold reactions



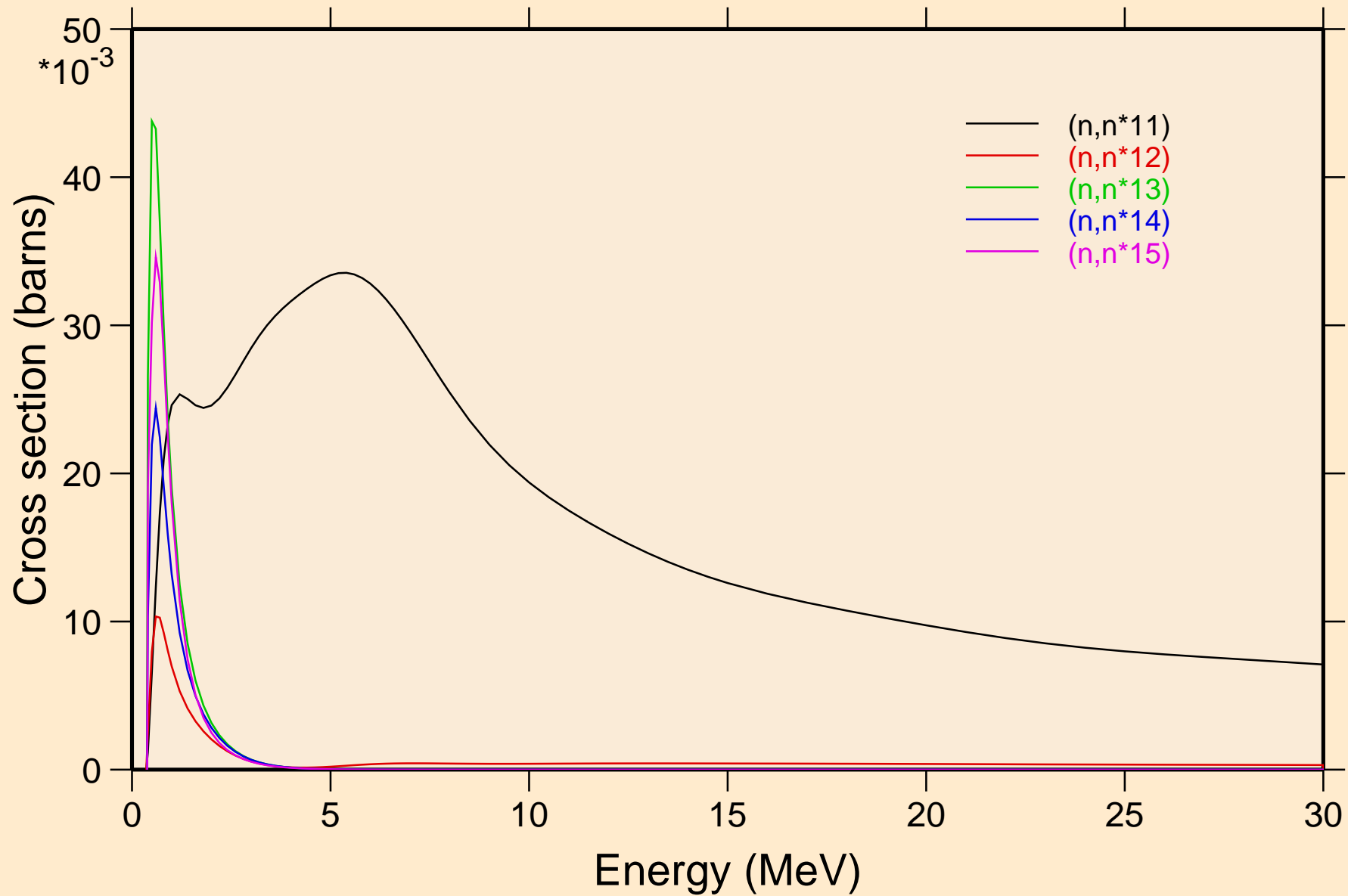
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



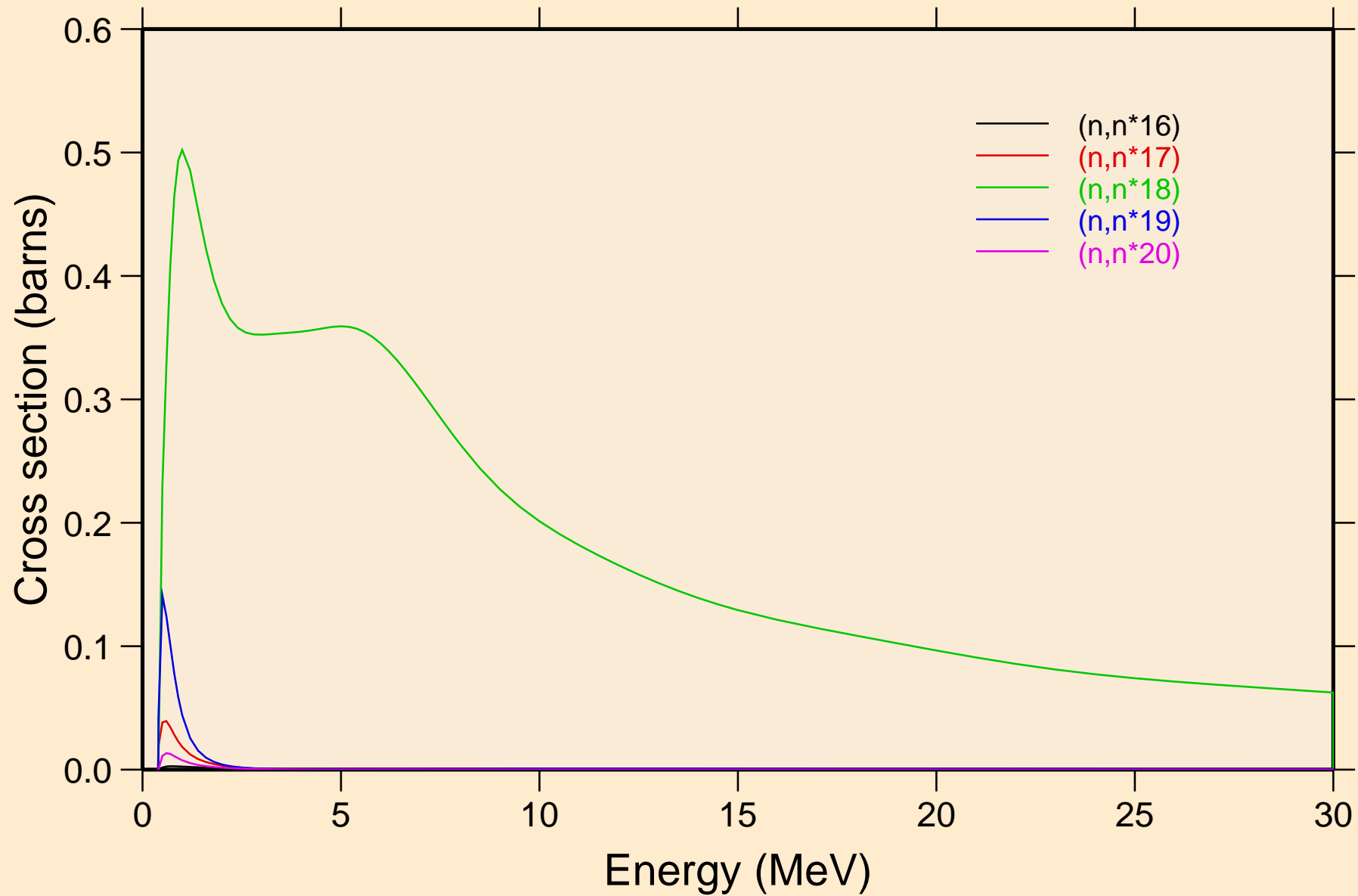
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



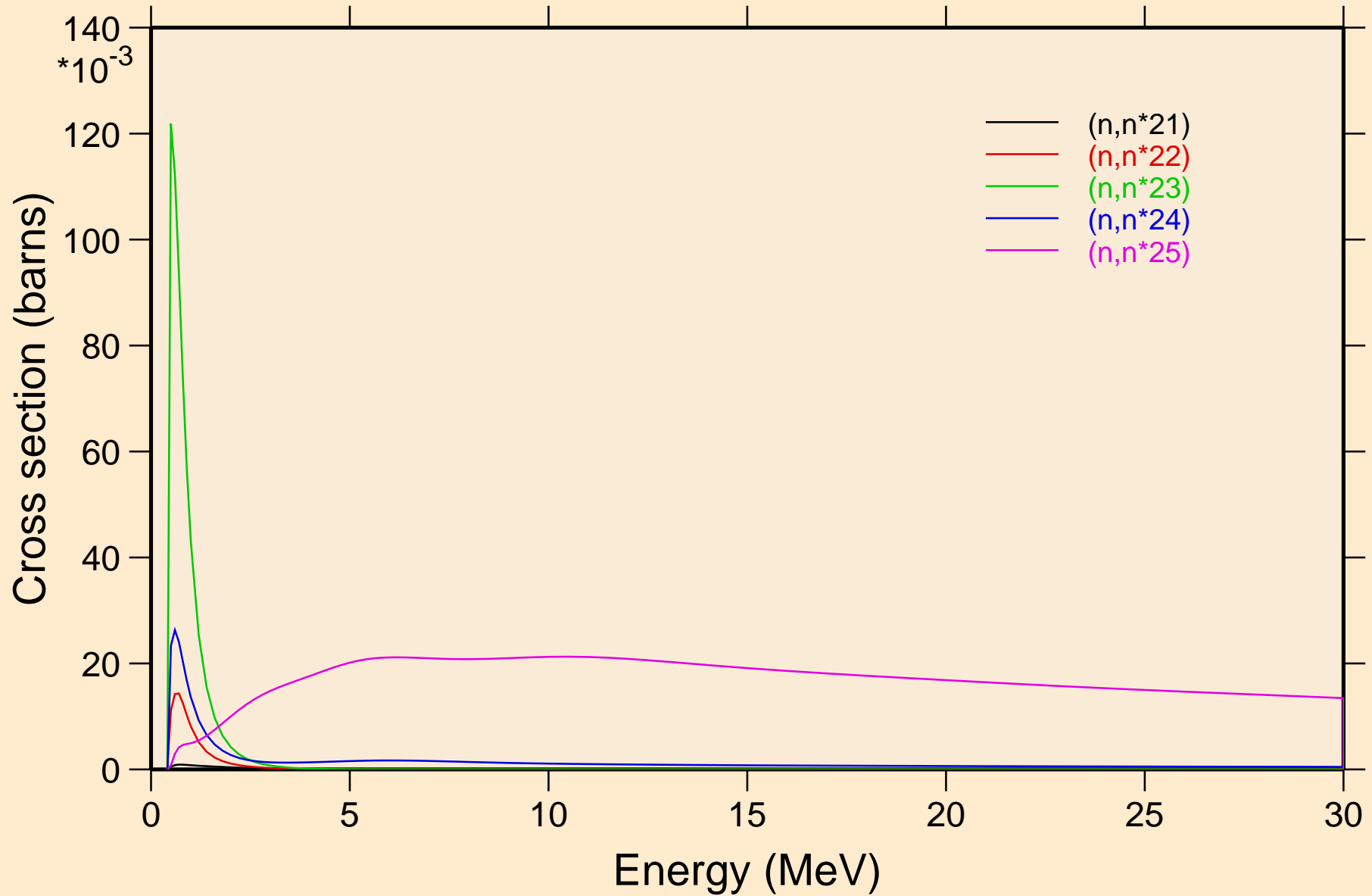
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Inelastic levels



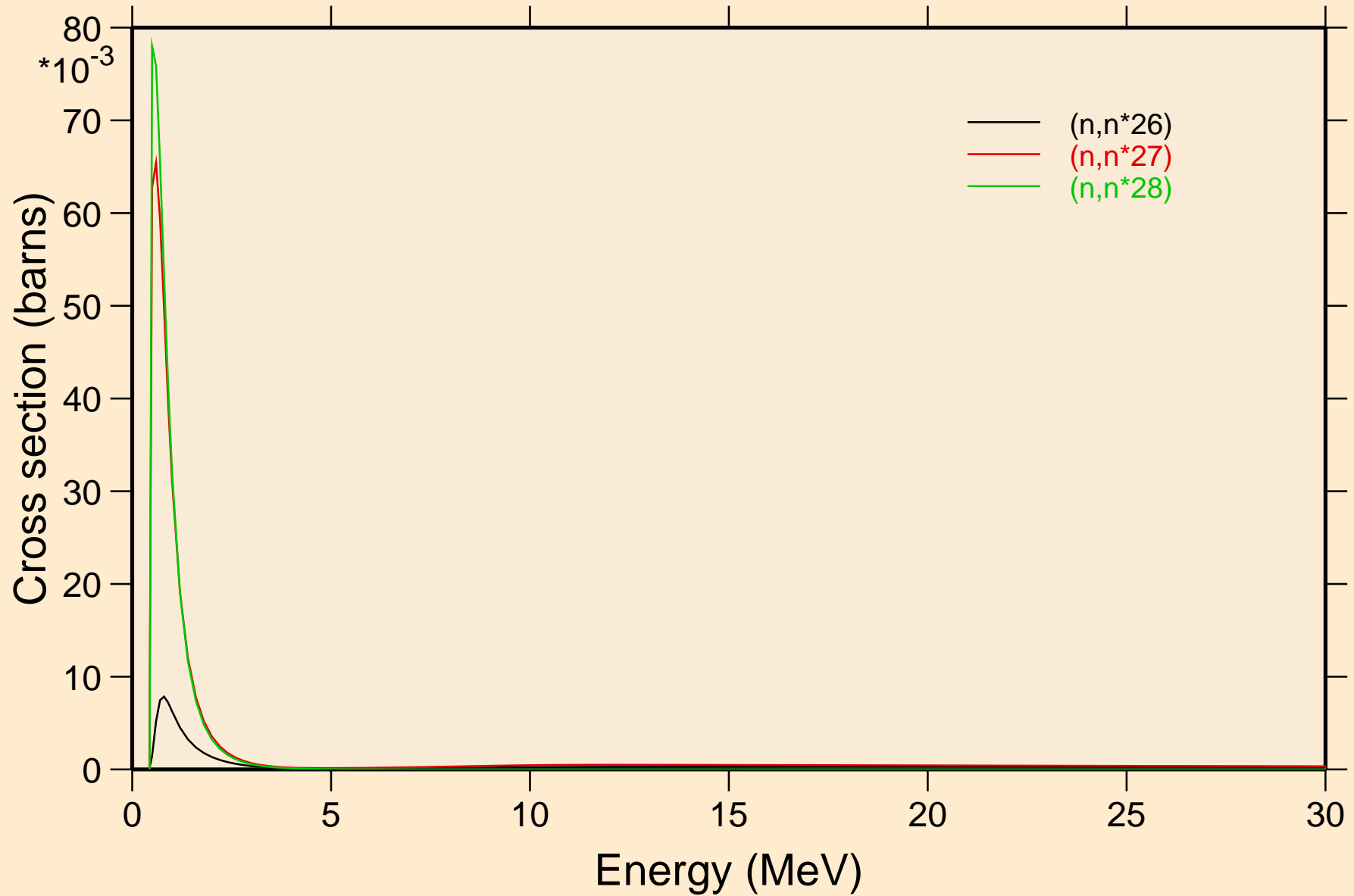
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Inelastic levels



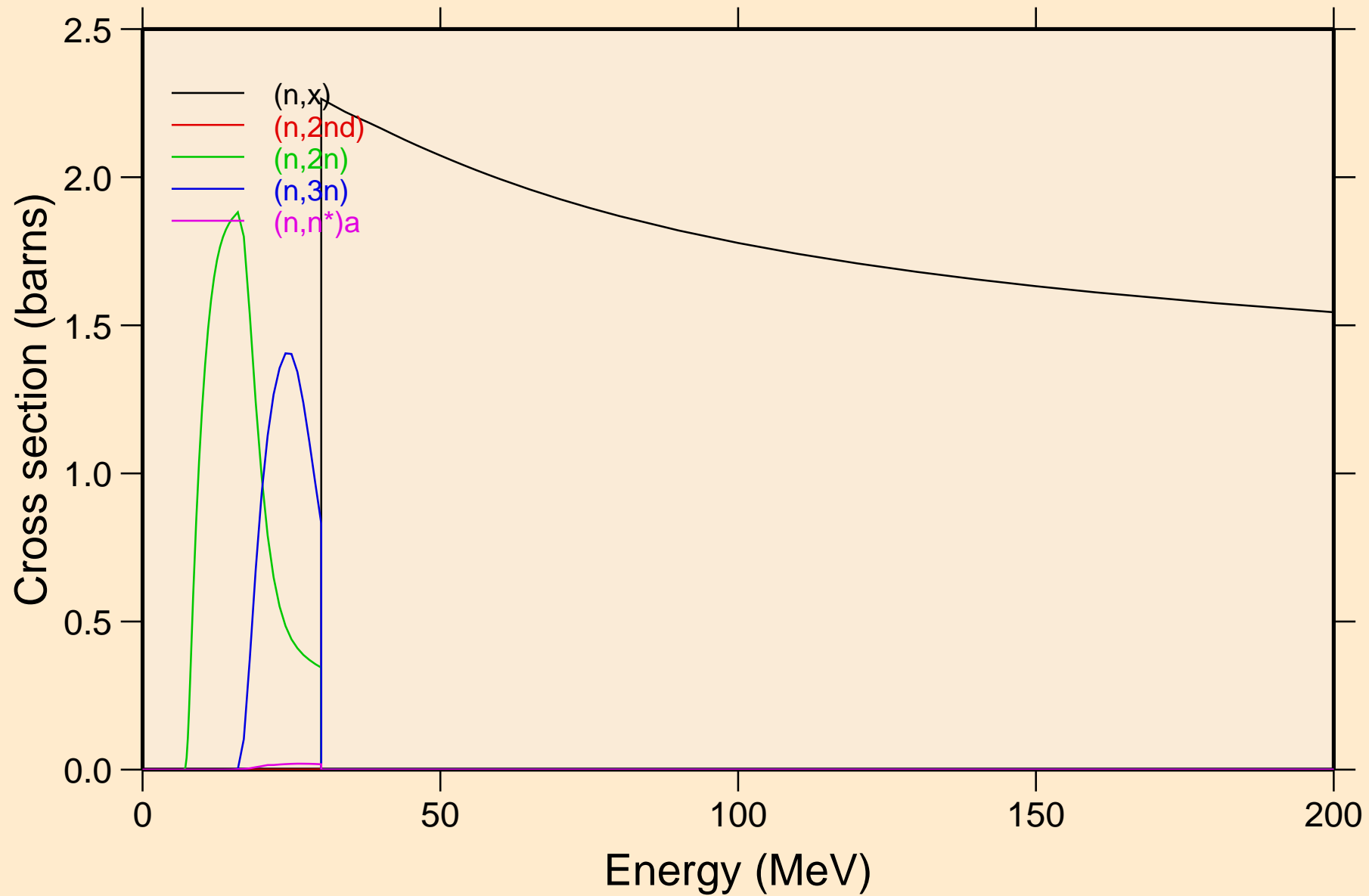
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Inelastic levels



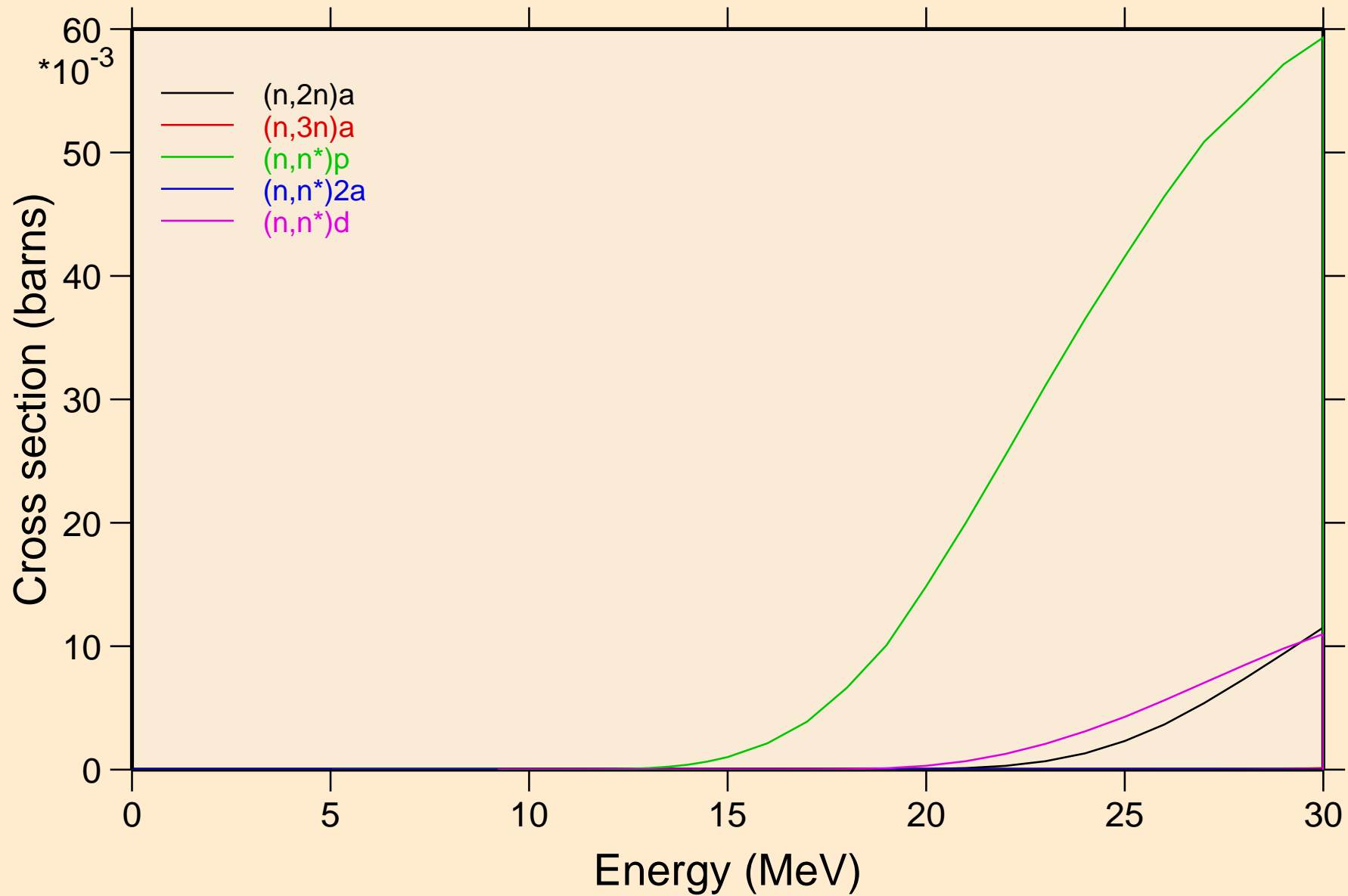
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Inelastic levels



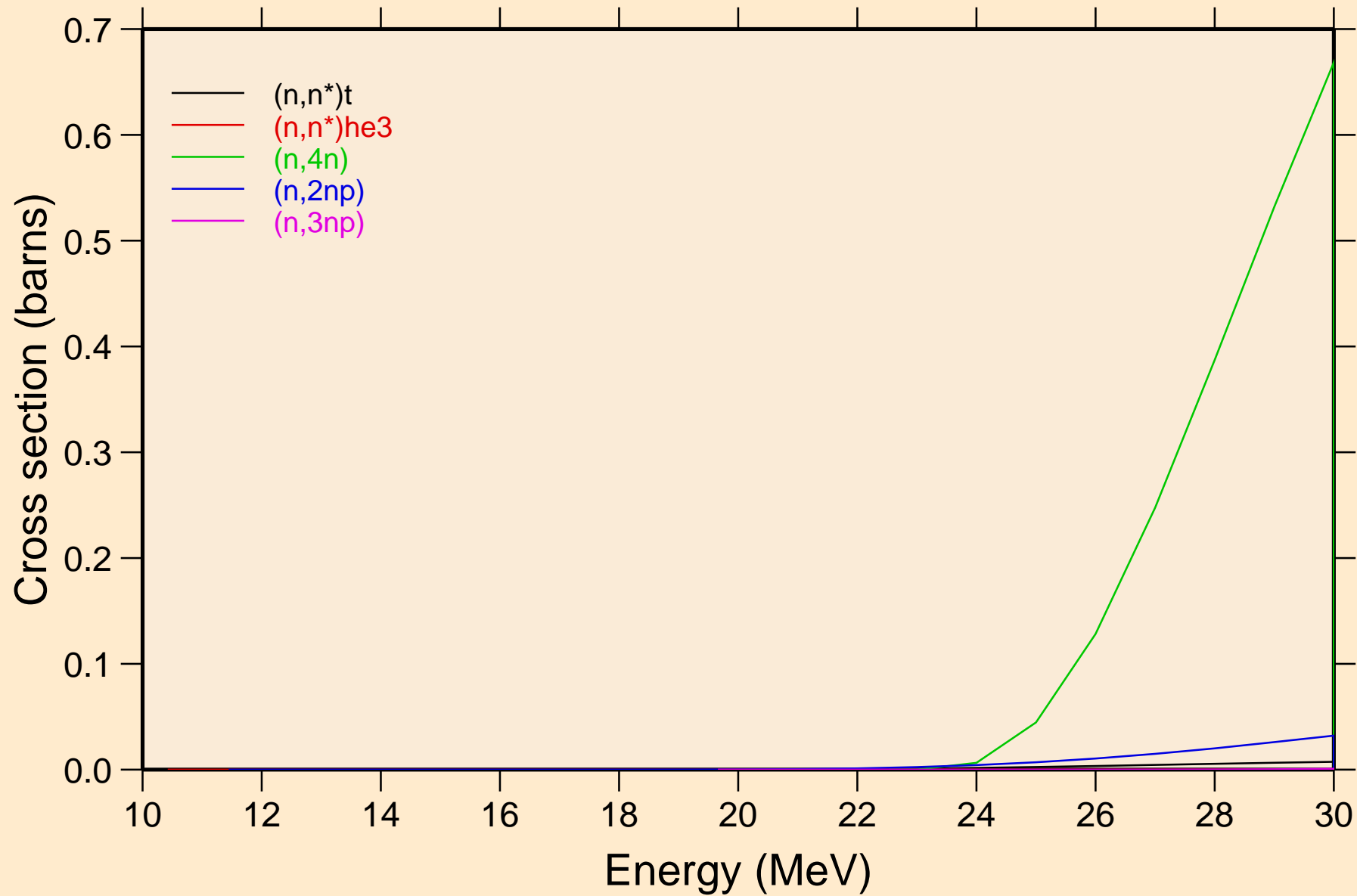
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Threshold reactions



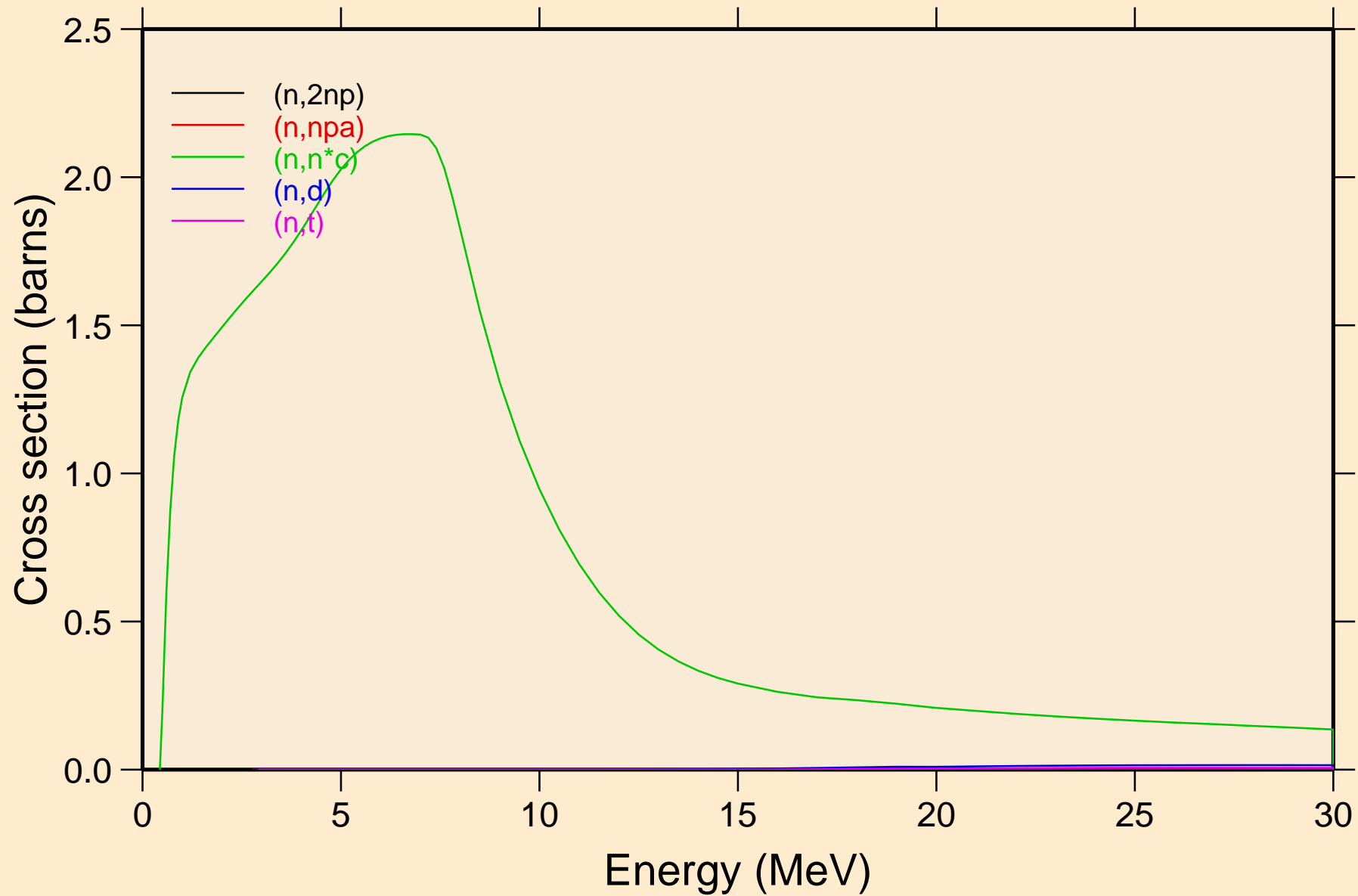
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



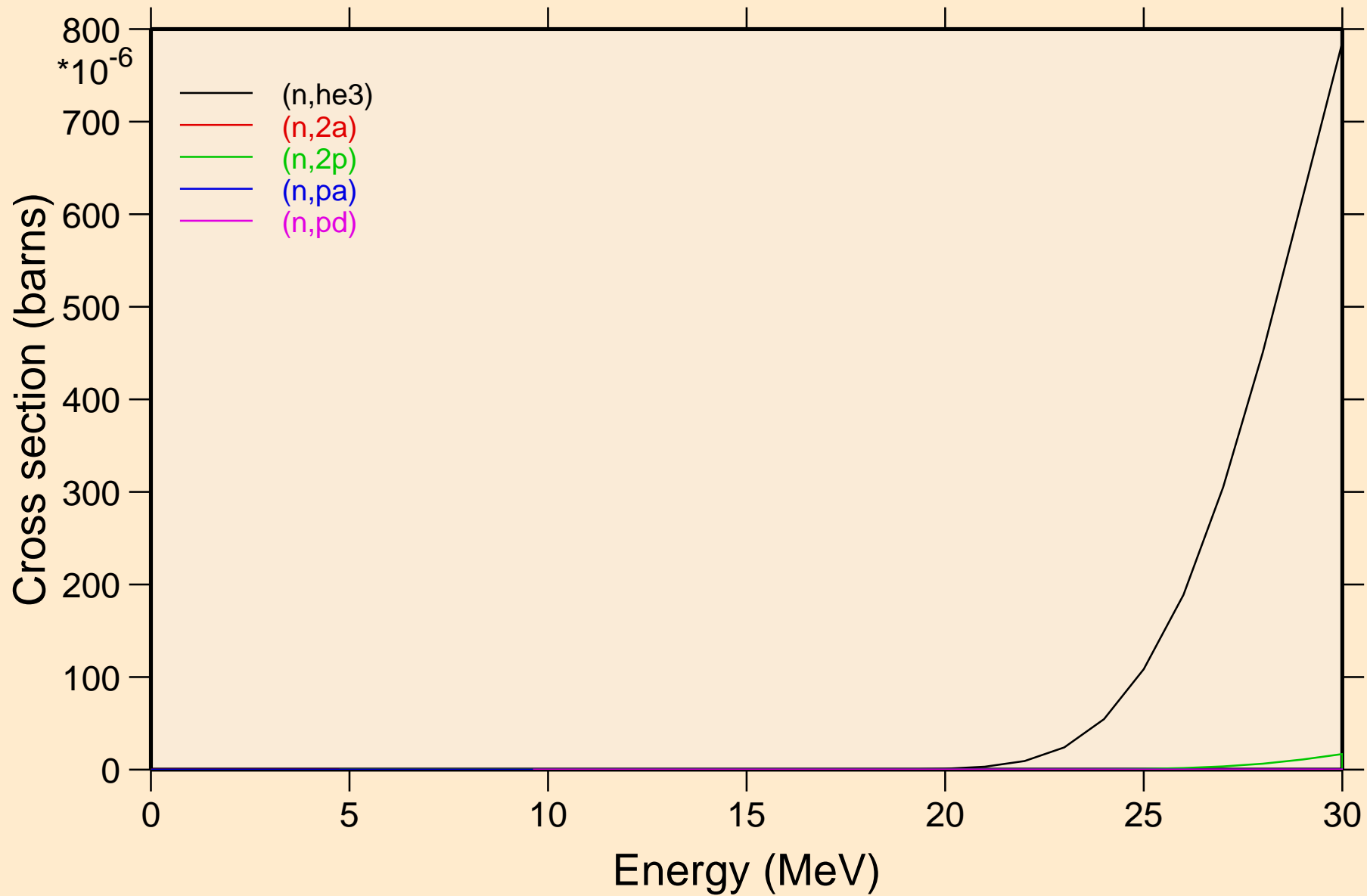
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



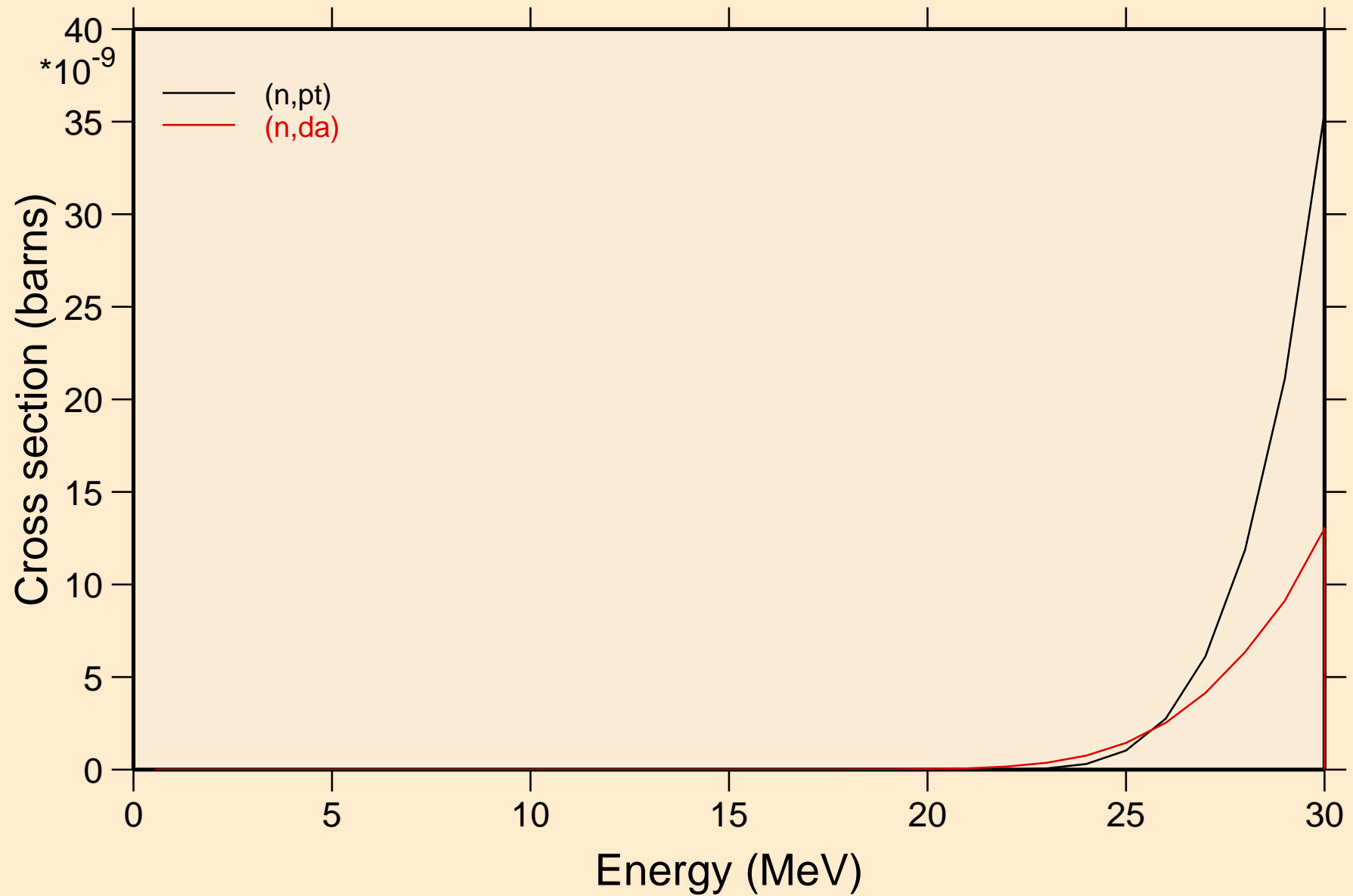
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



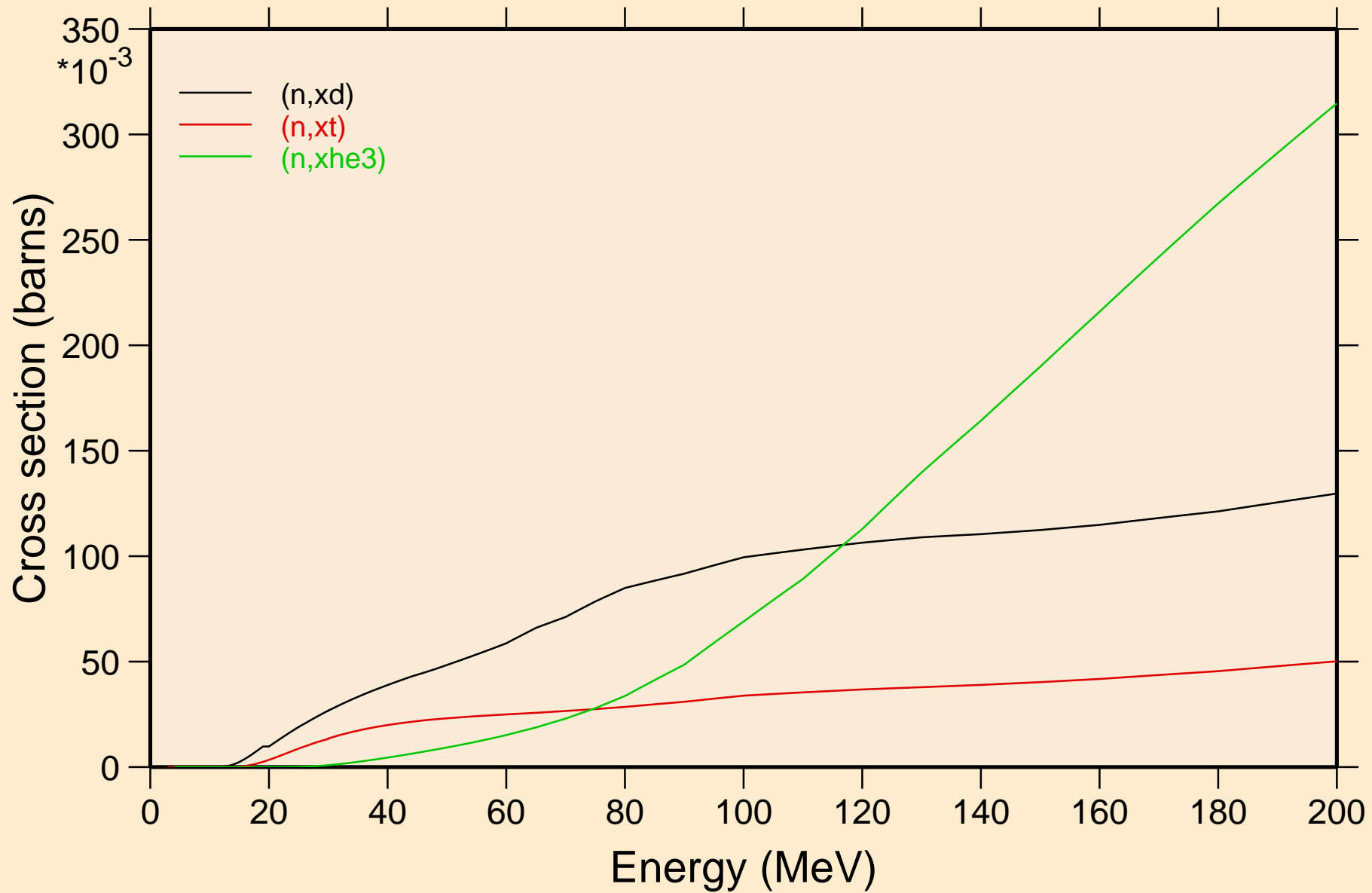
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



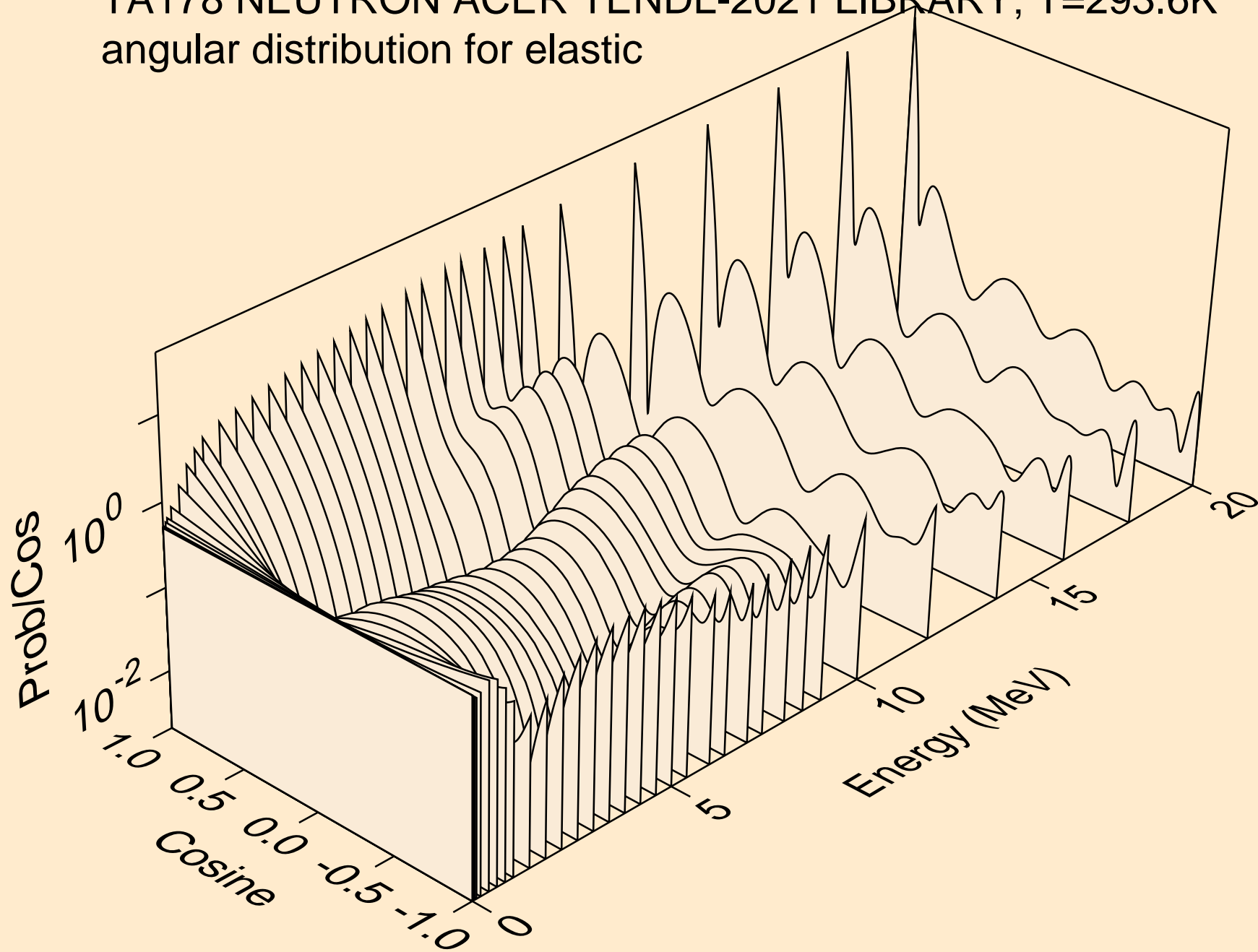
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



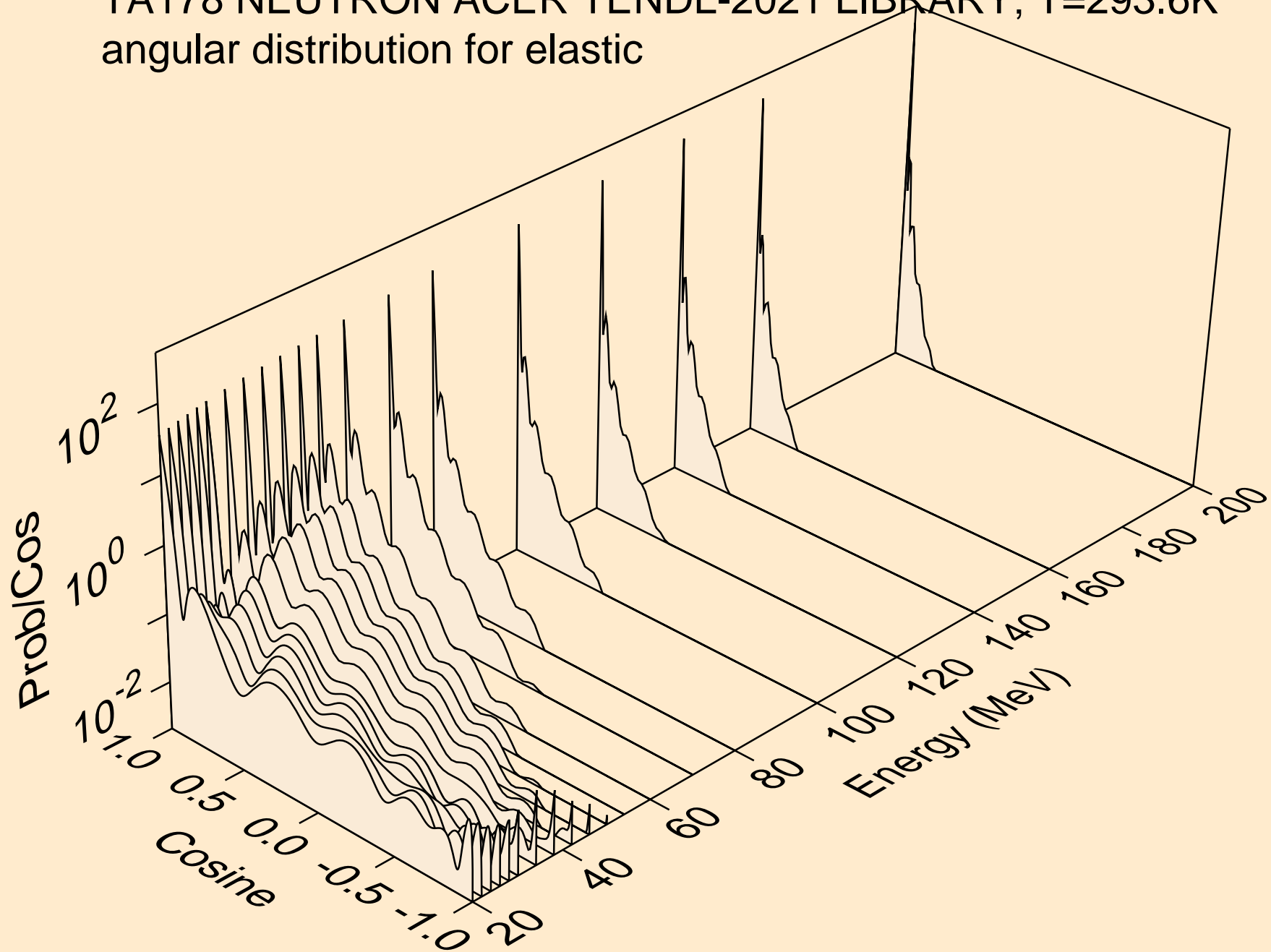
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



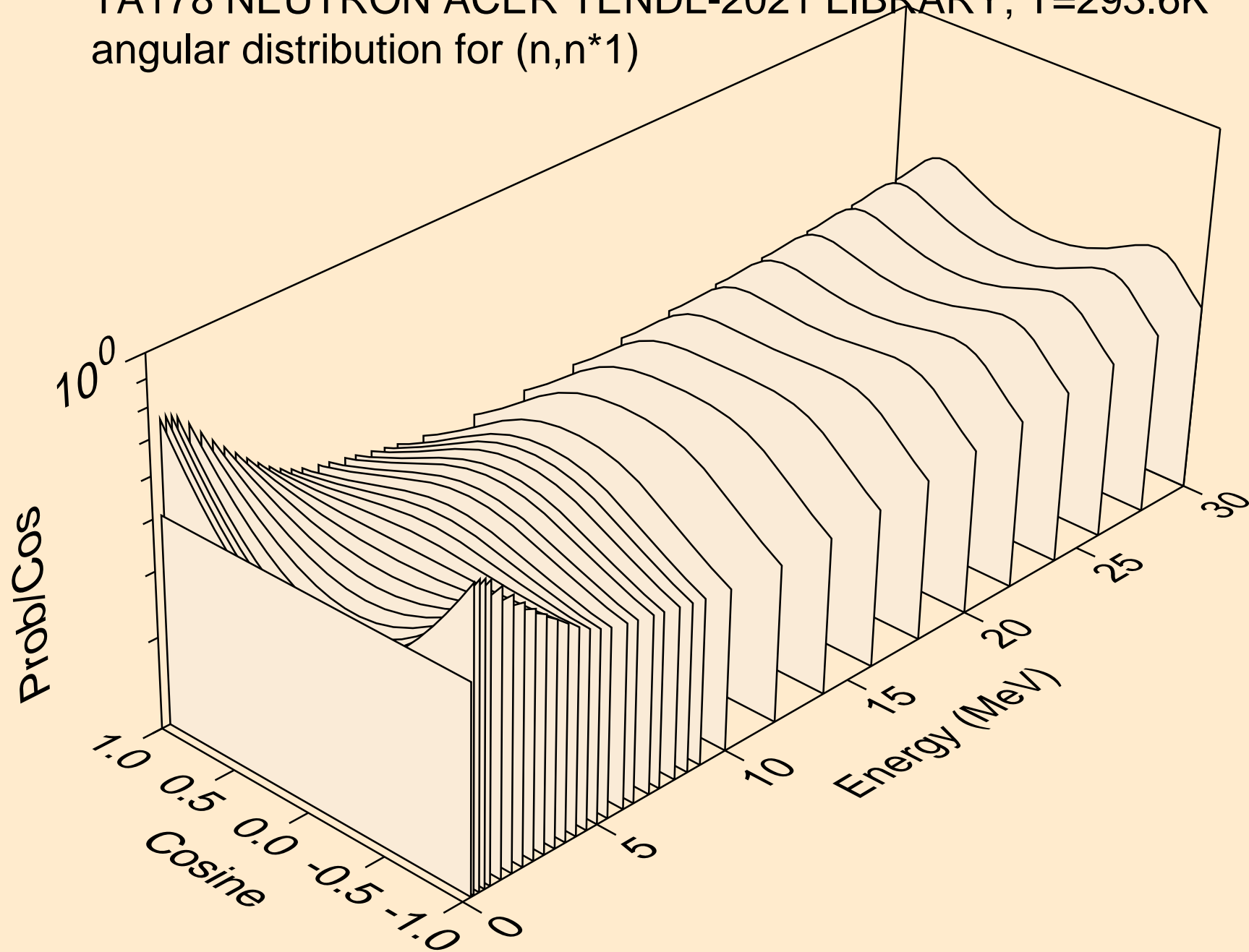
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



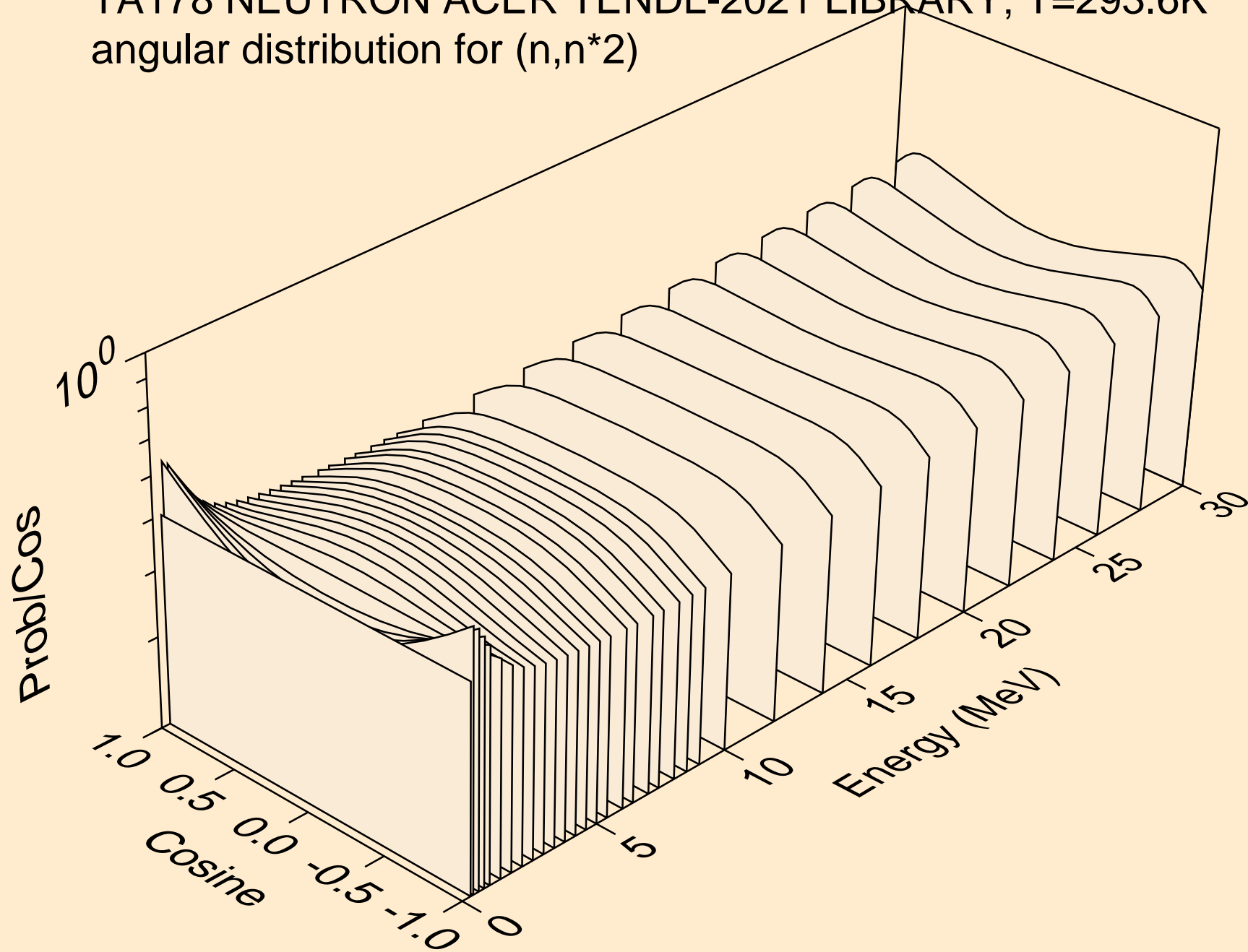
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



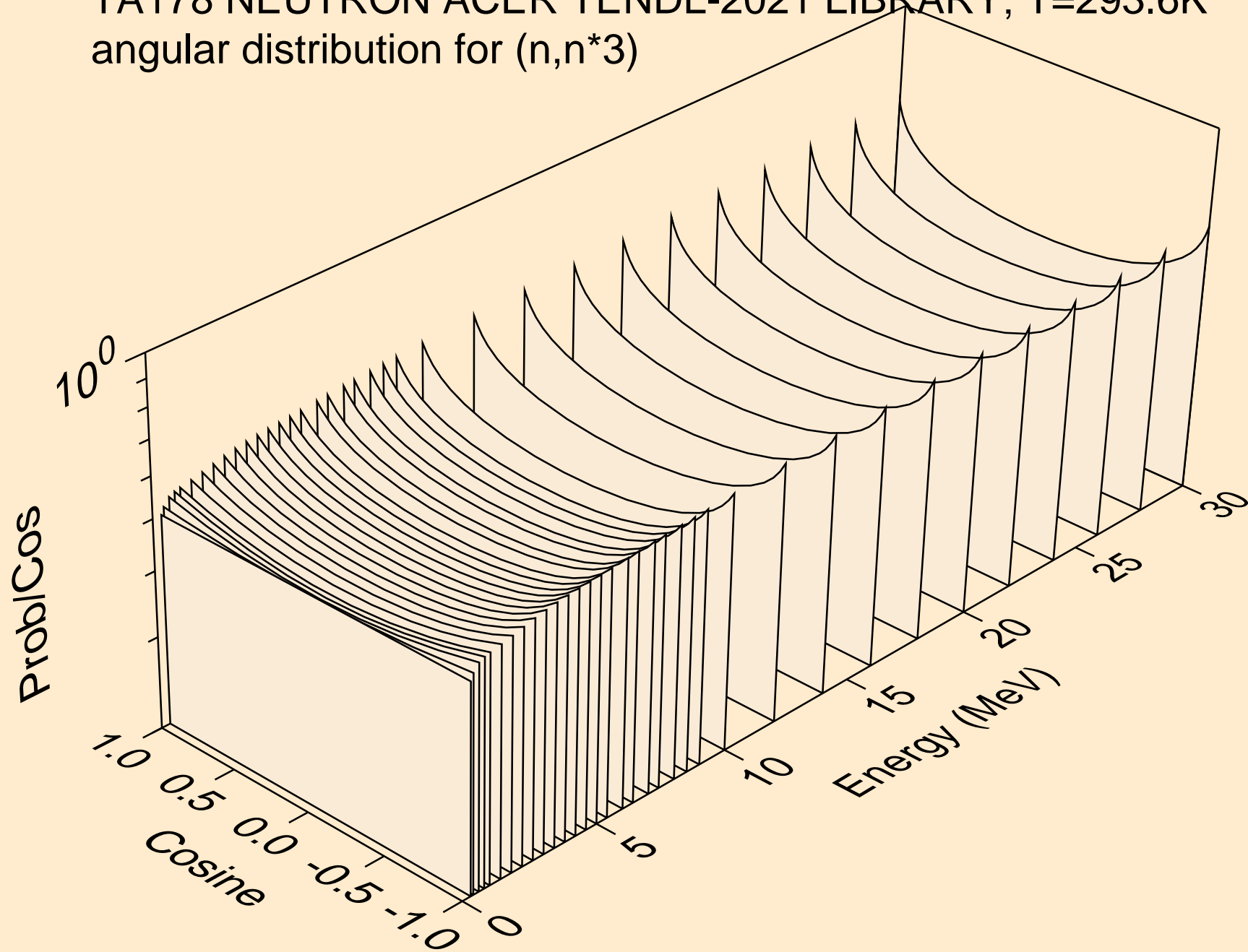
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*1)



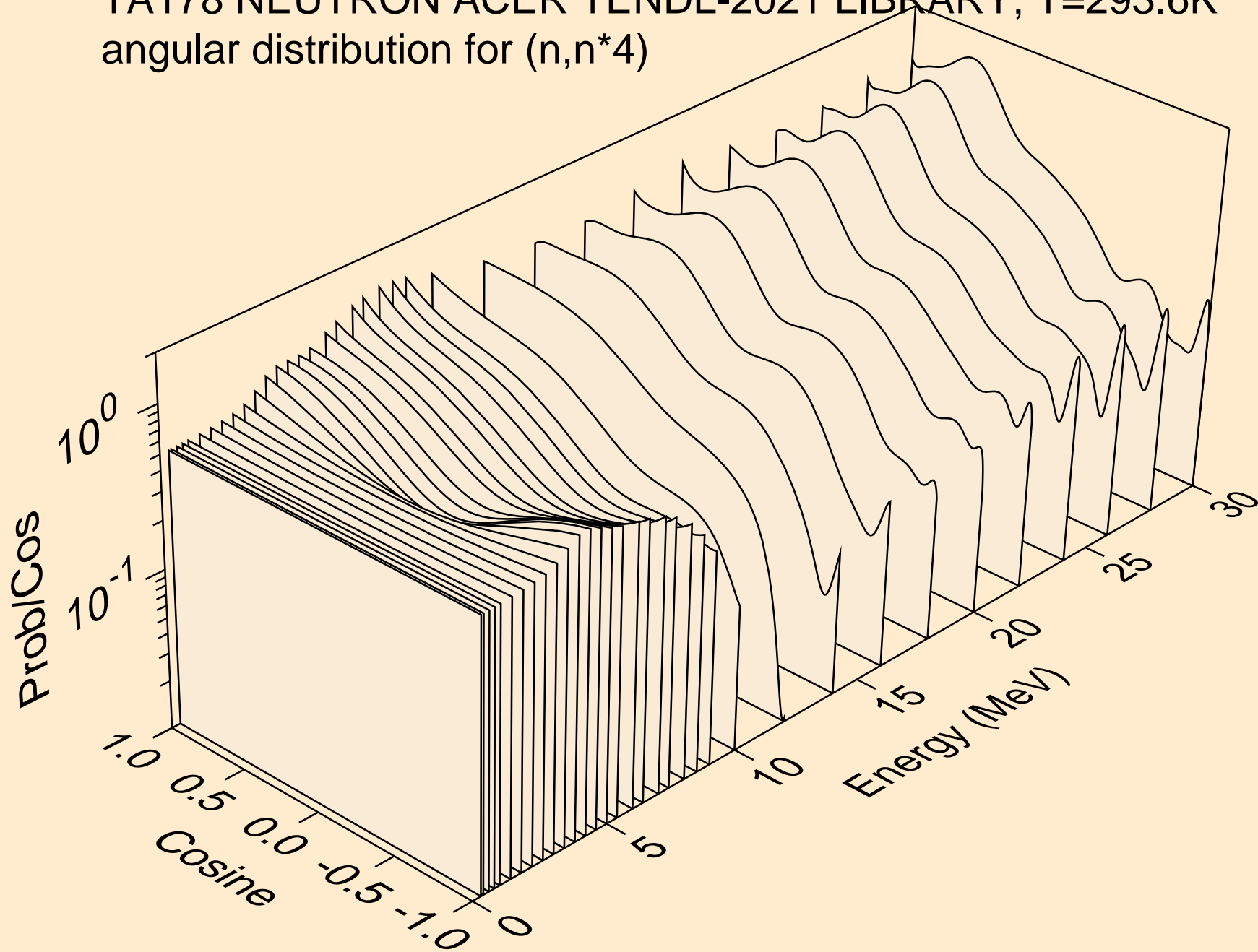
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*2)



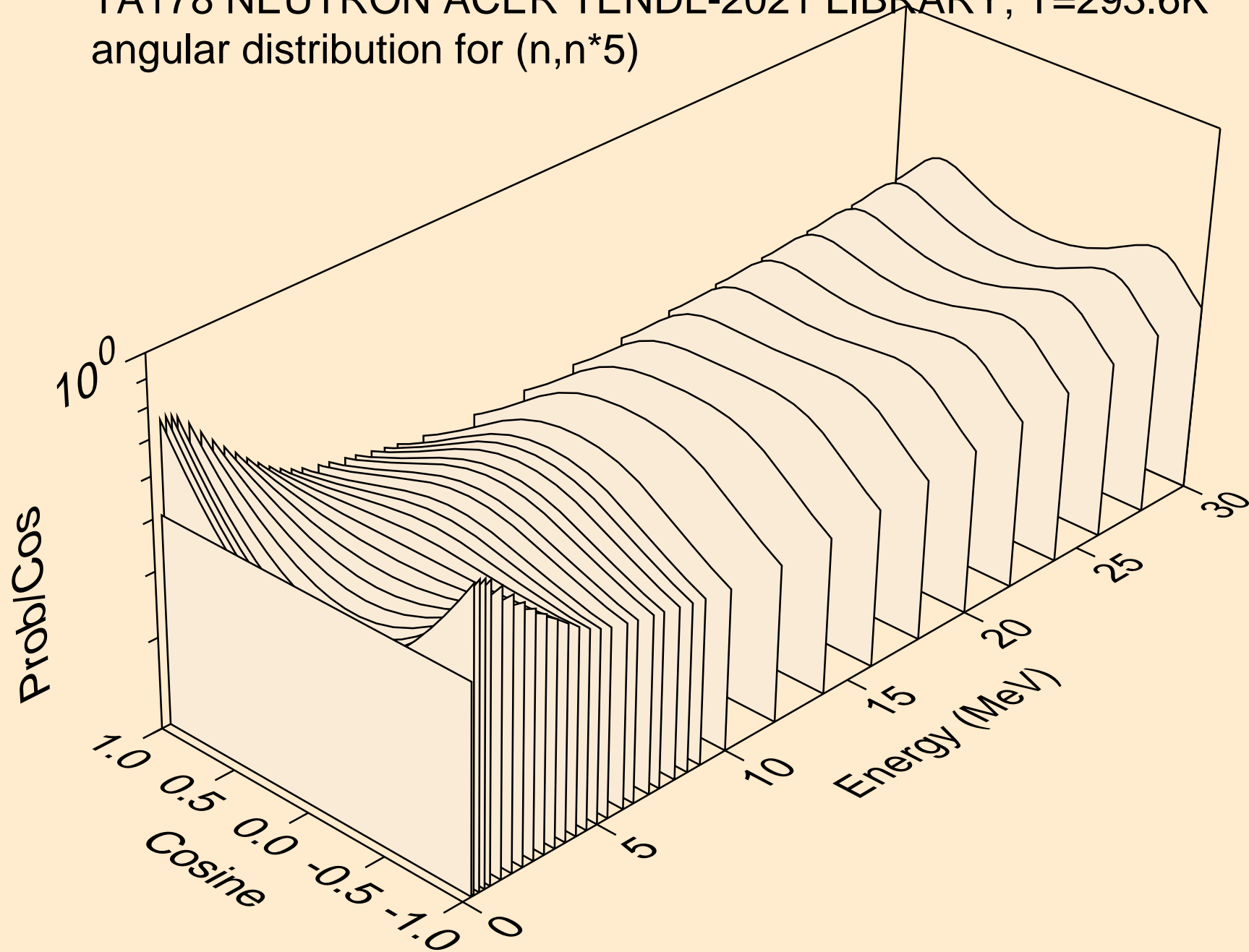
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*3)



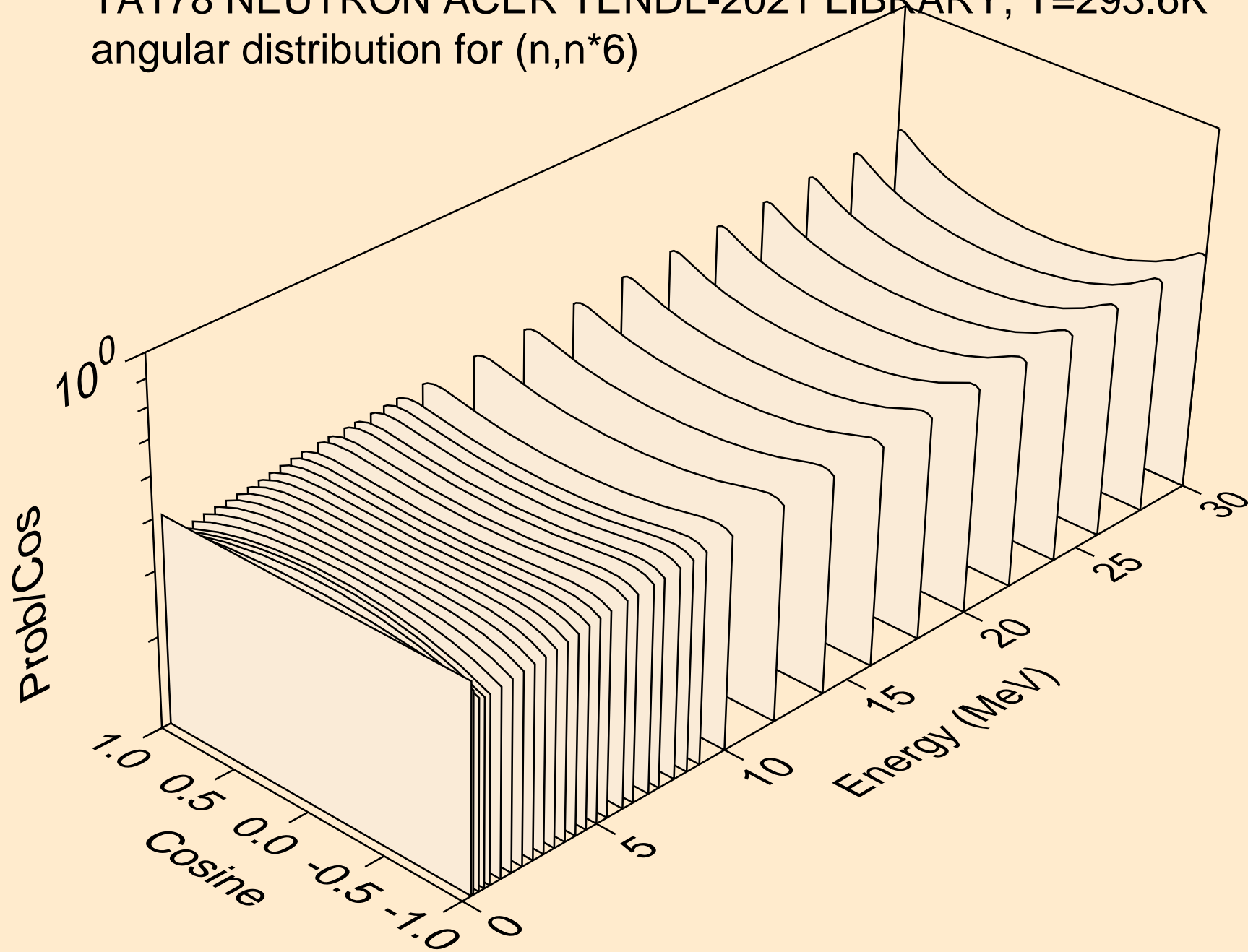
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*4)



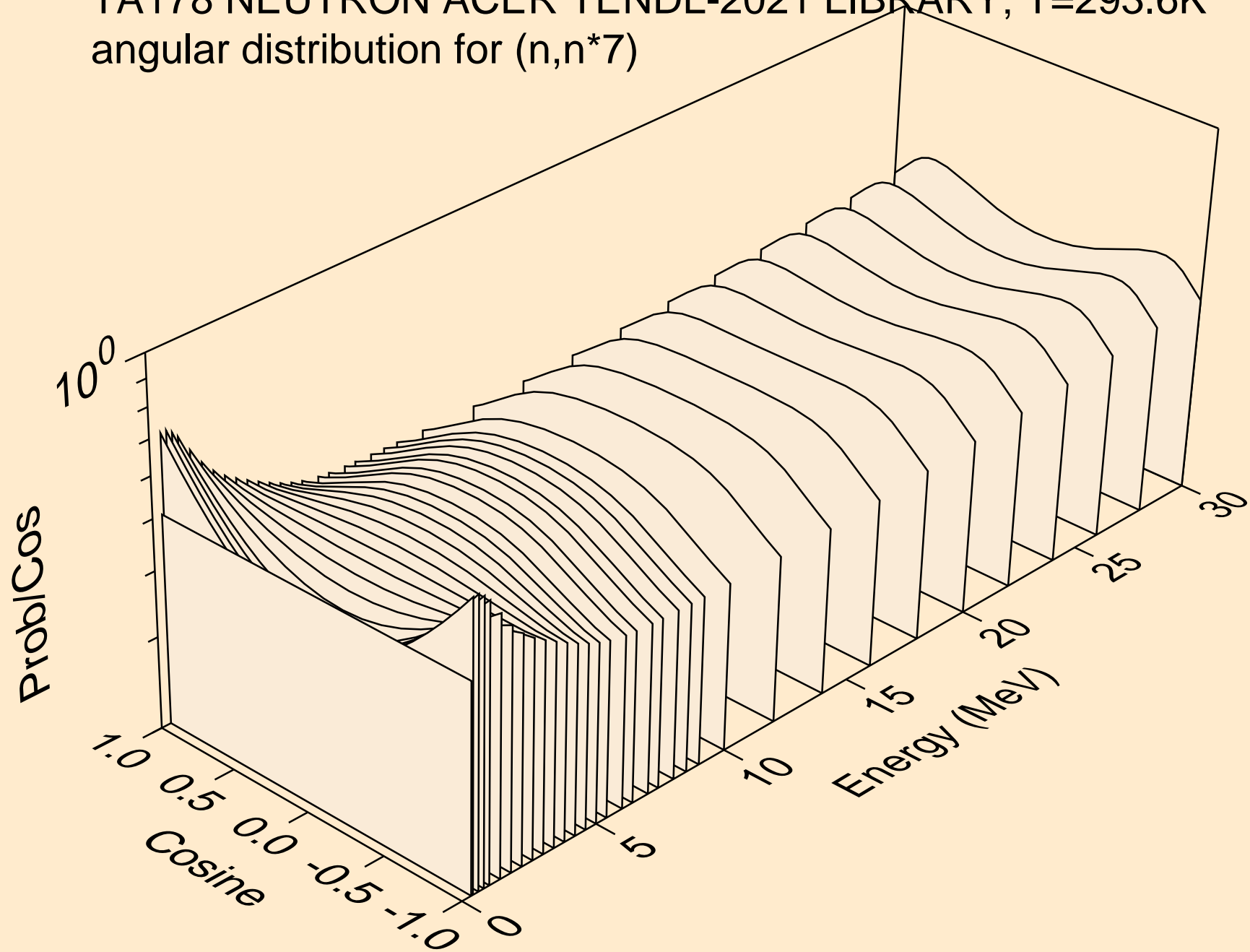
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*5)



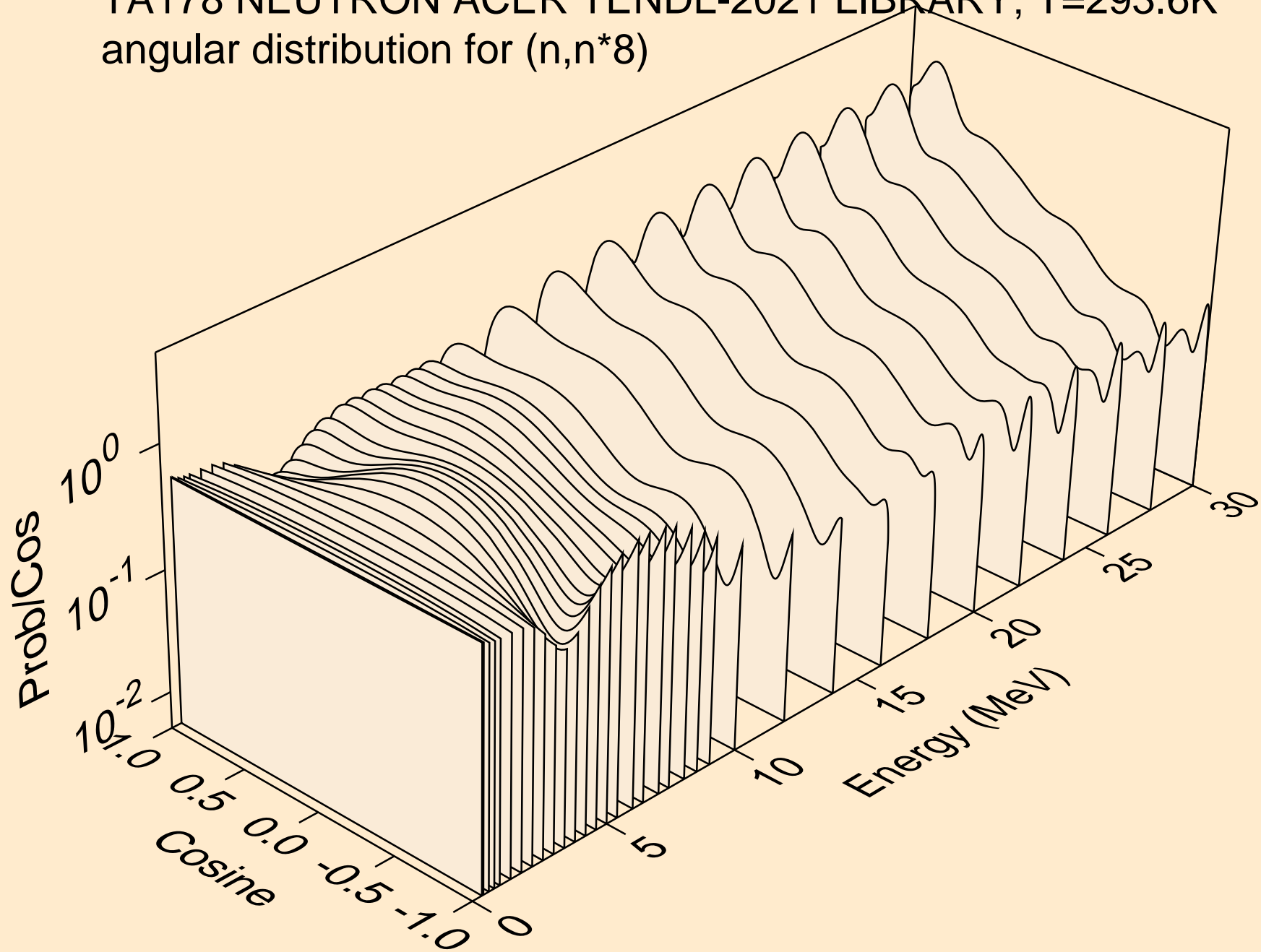
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*6)



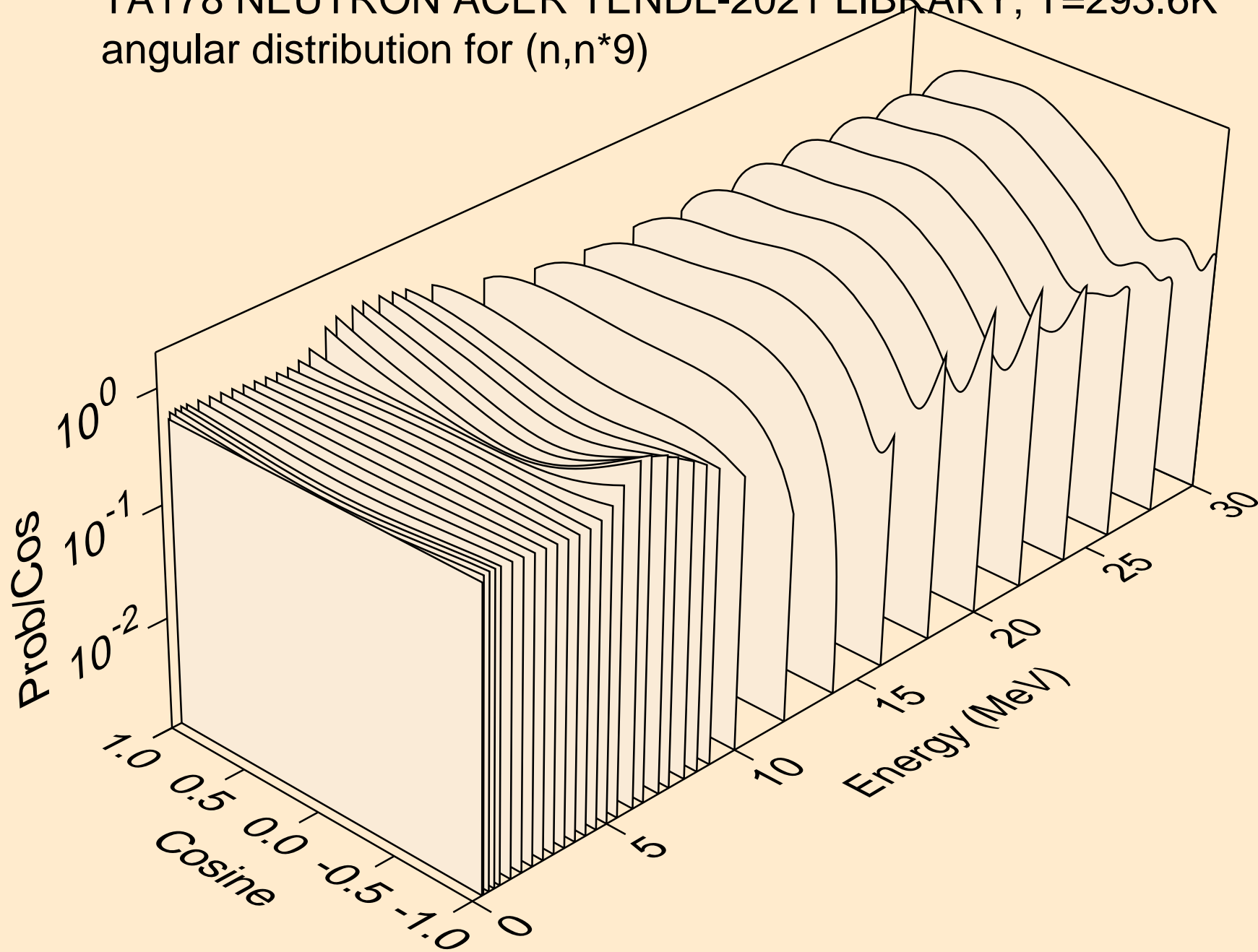
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*7)



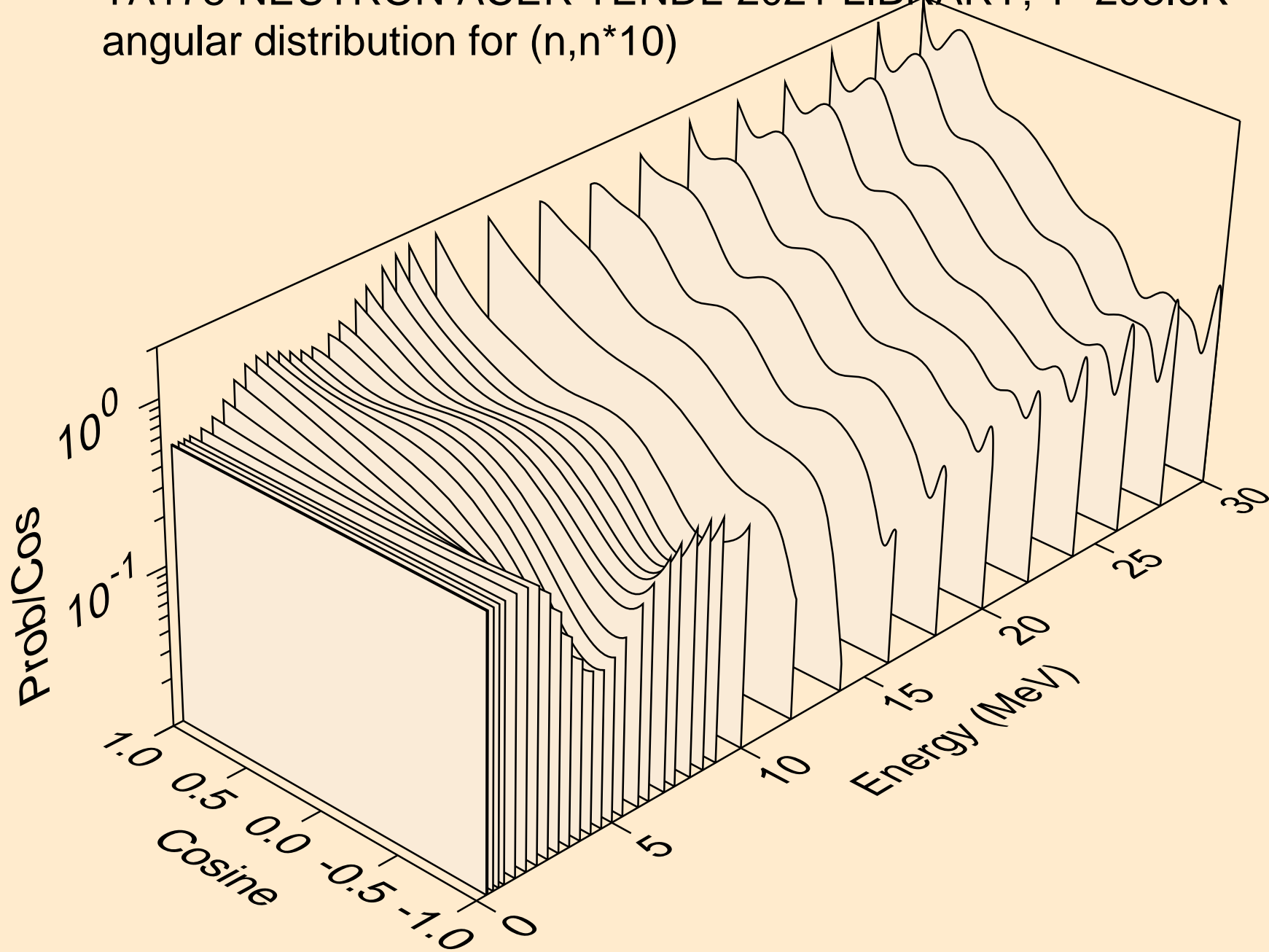
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*8)



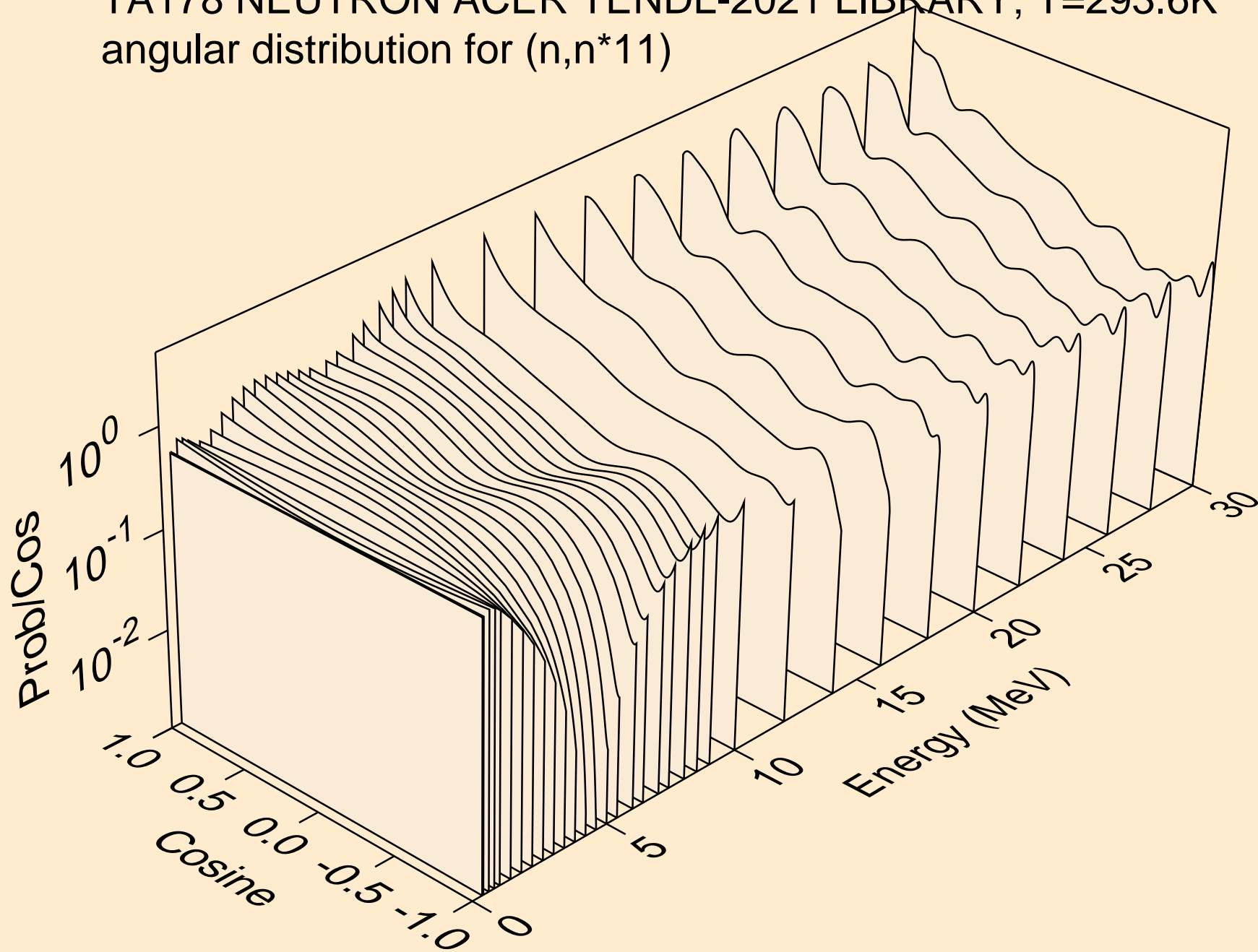
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*9)



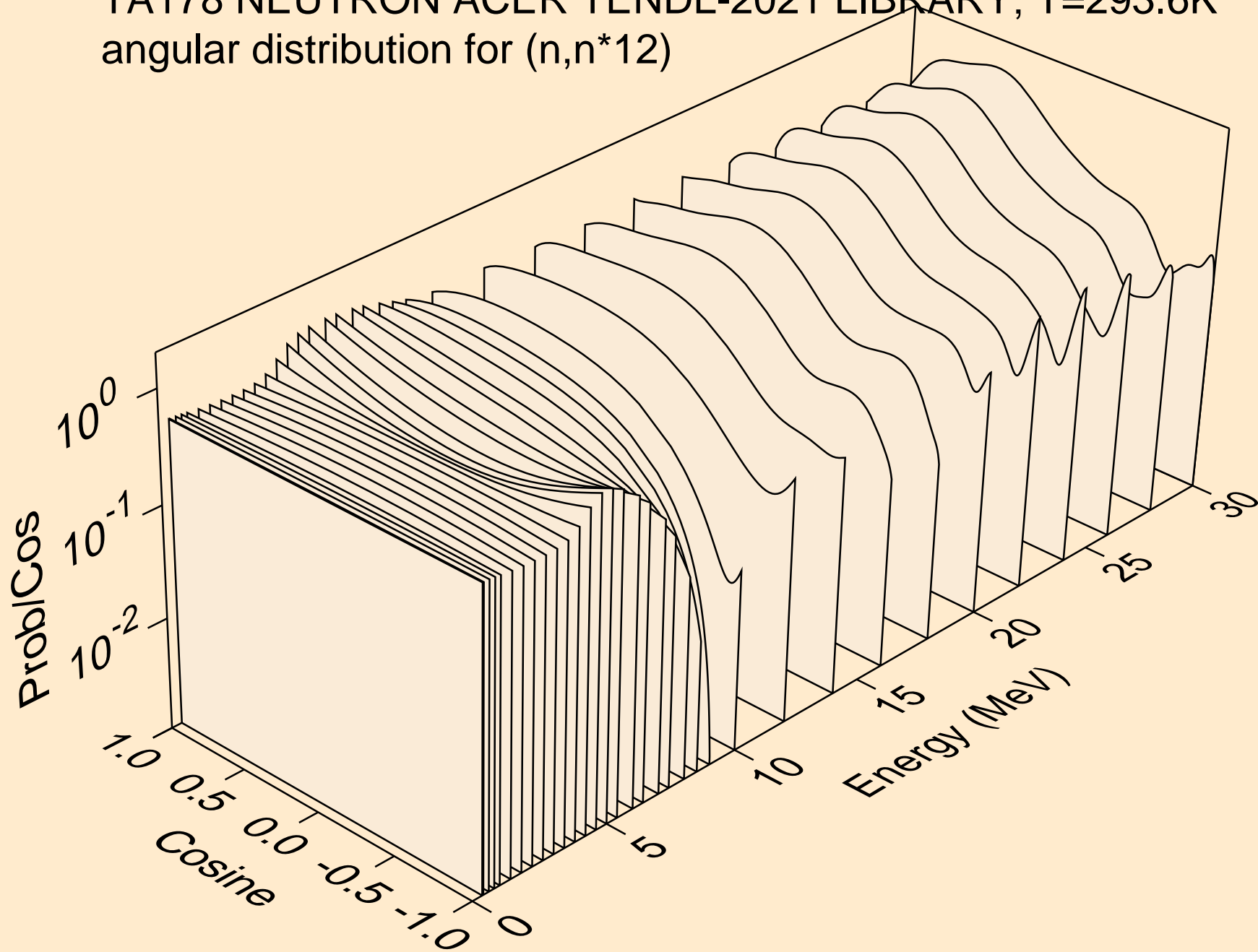
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*10)



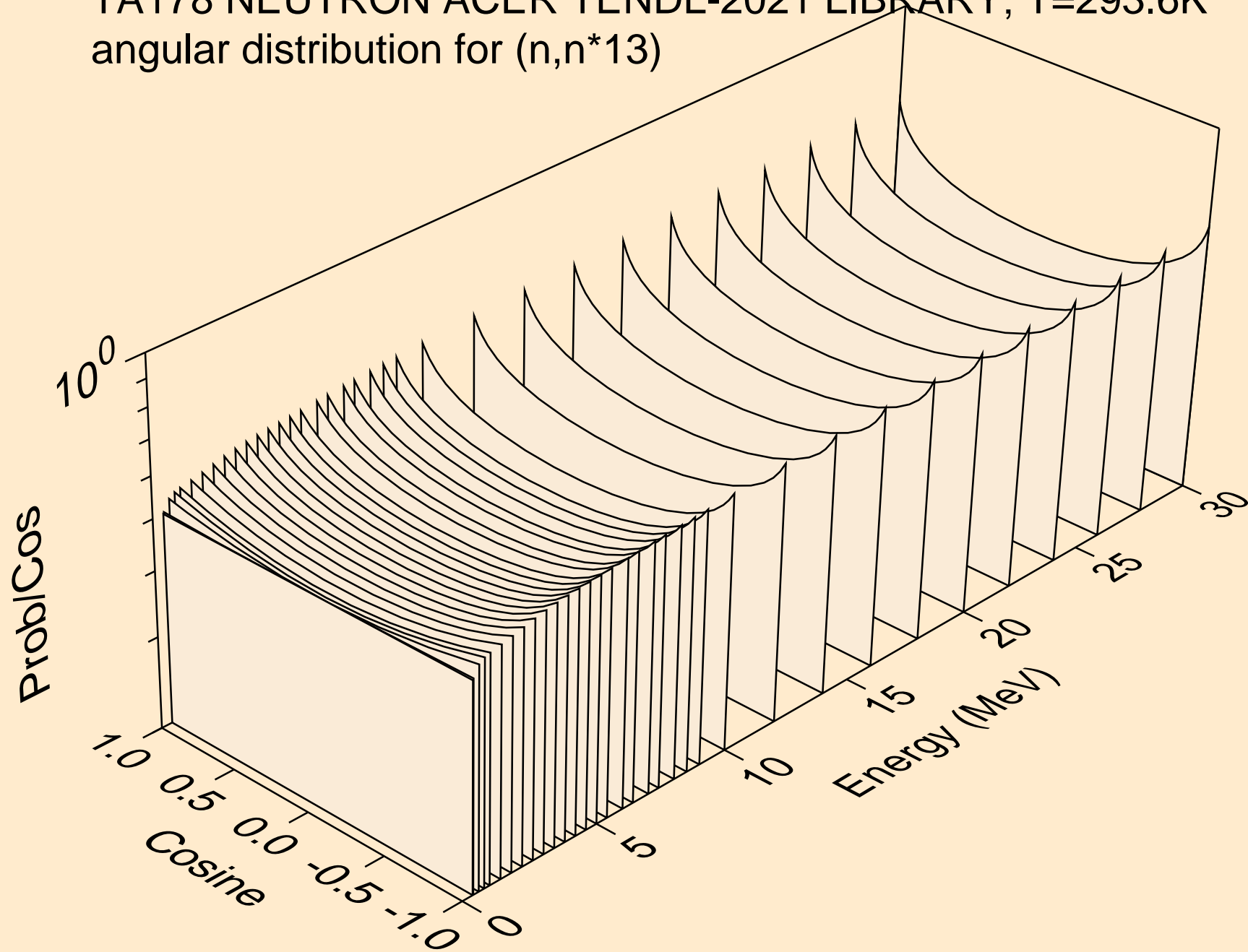
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angular distribution for (n,n*11)



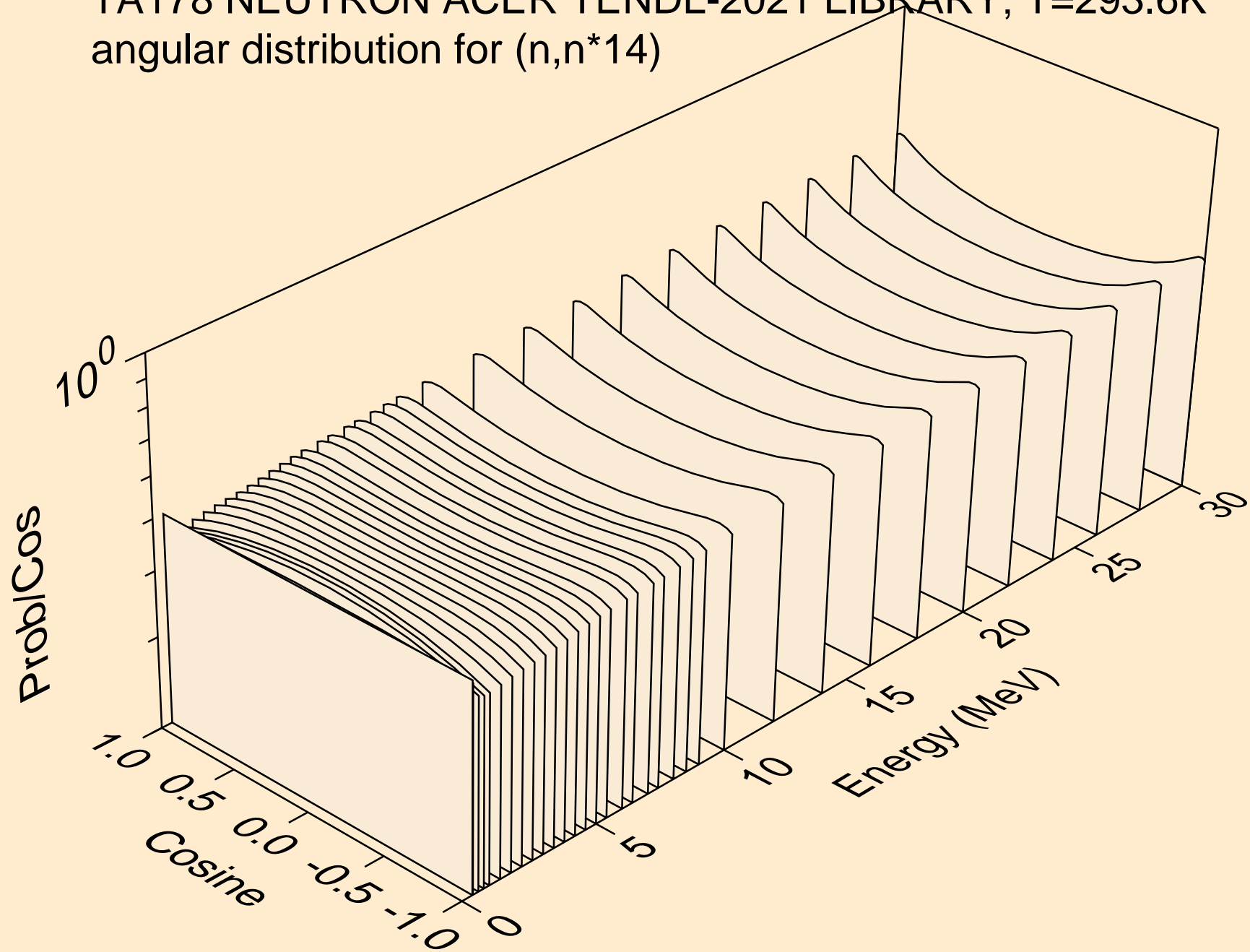
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*12)



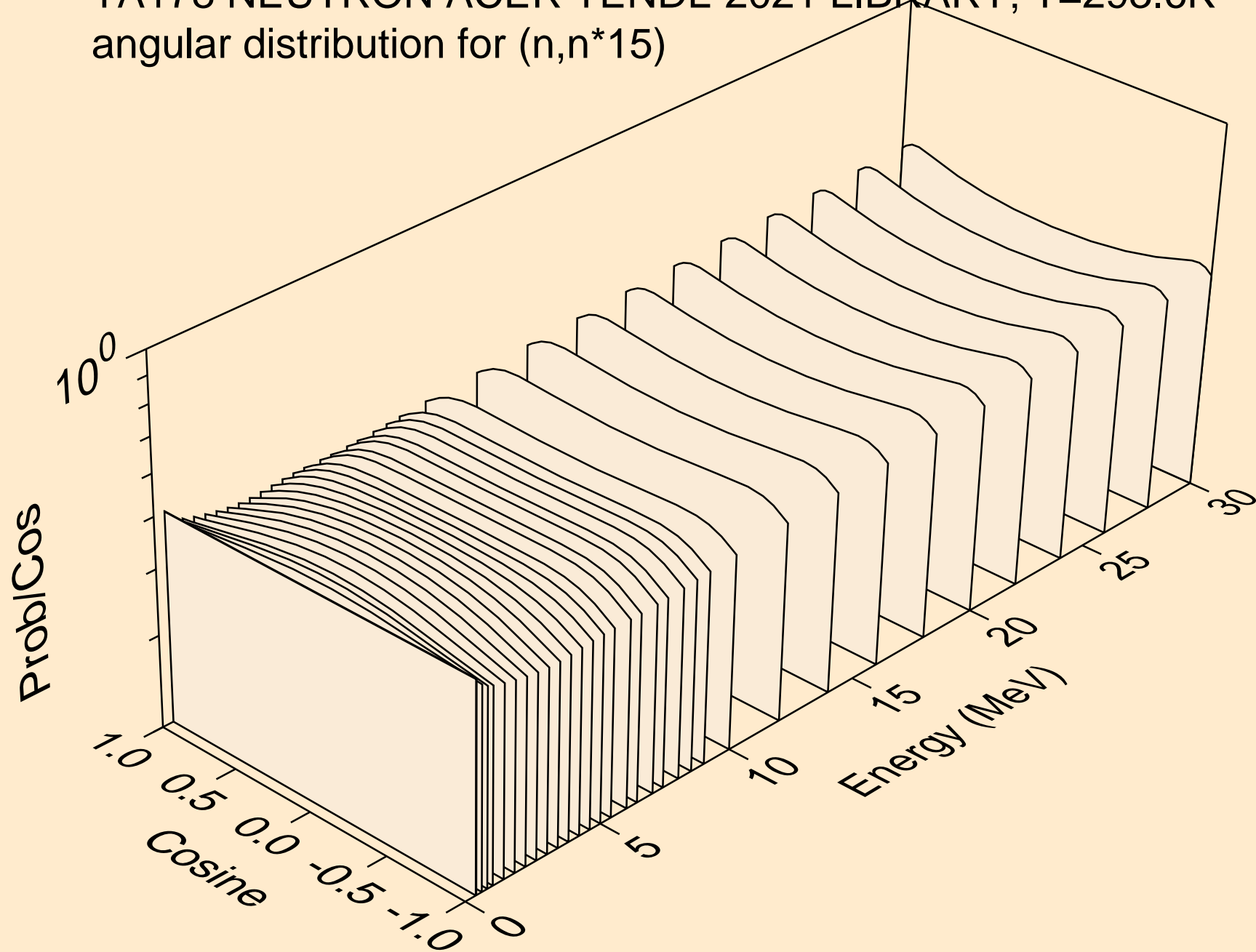
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*13)



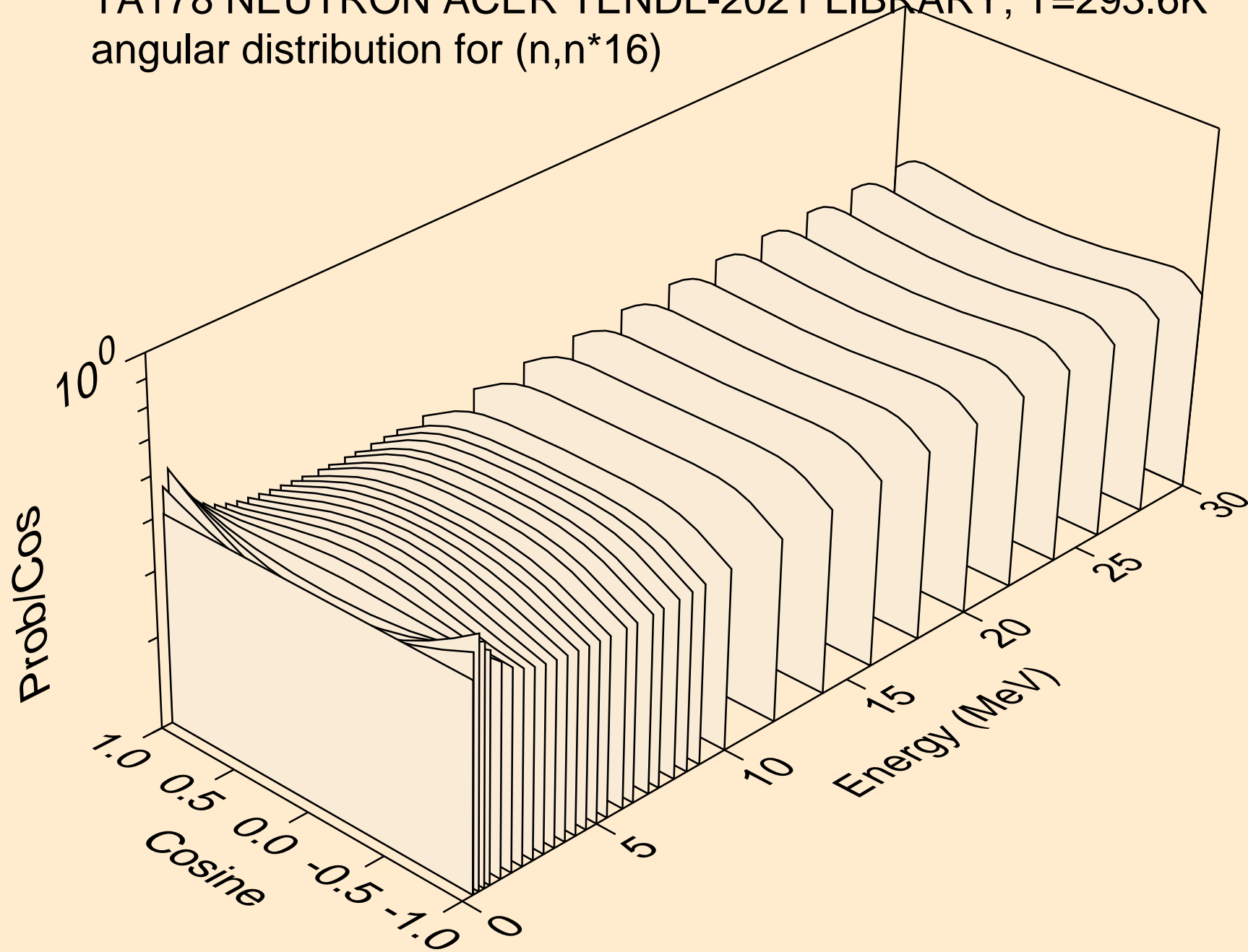
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*14)



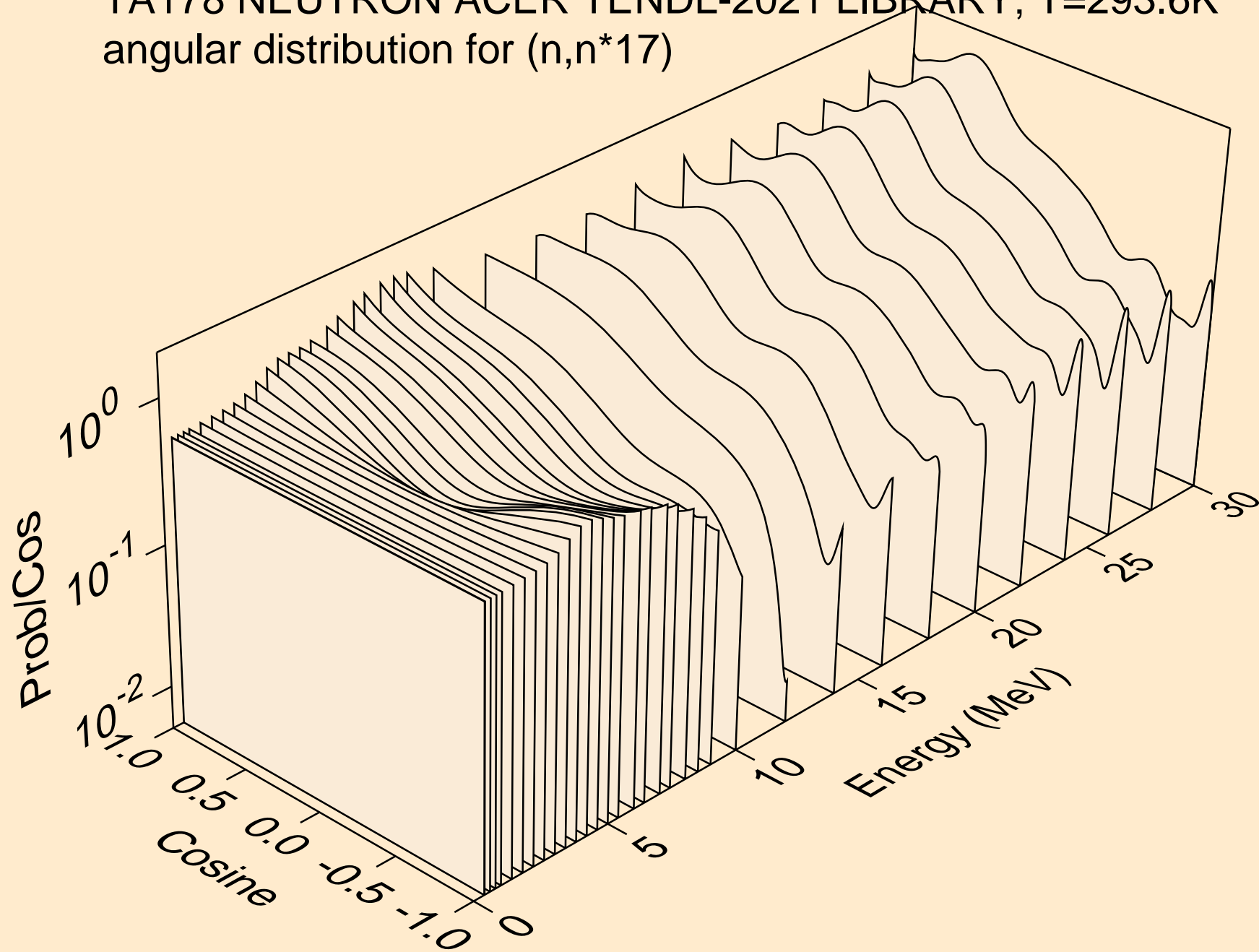
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*15)



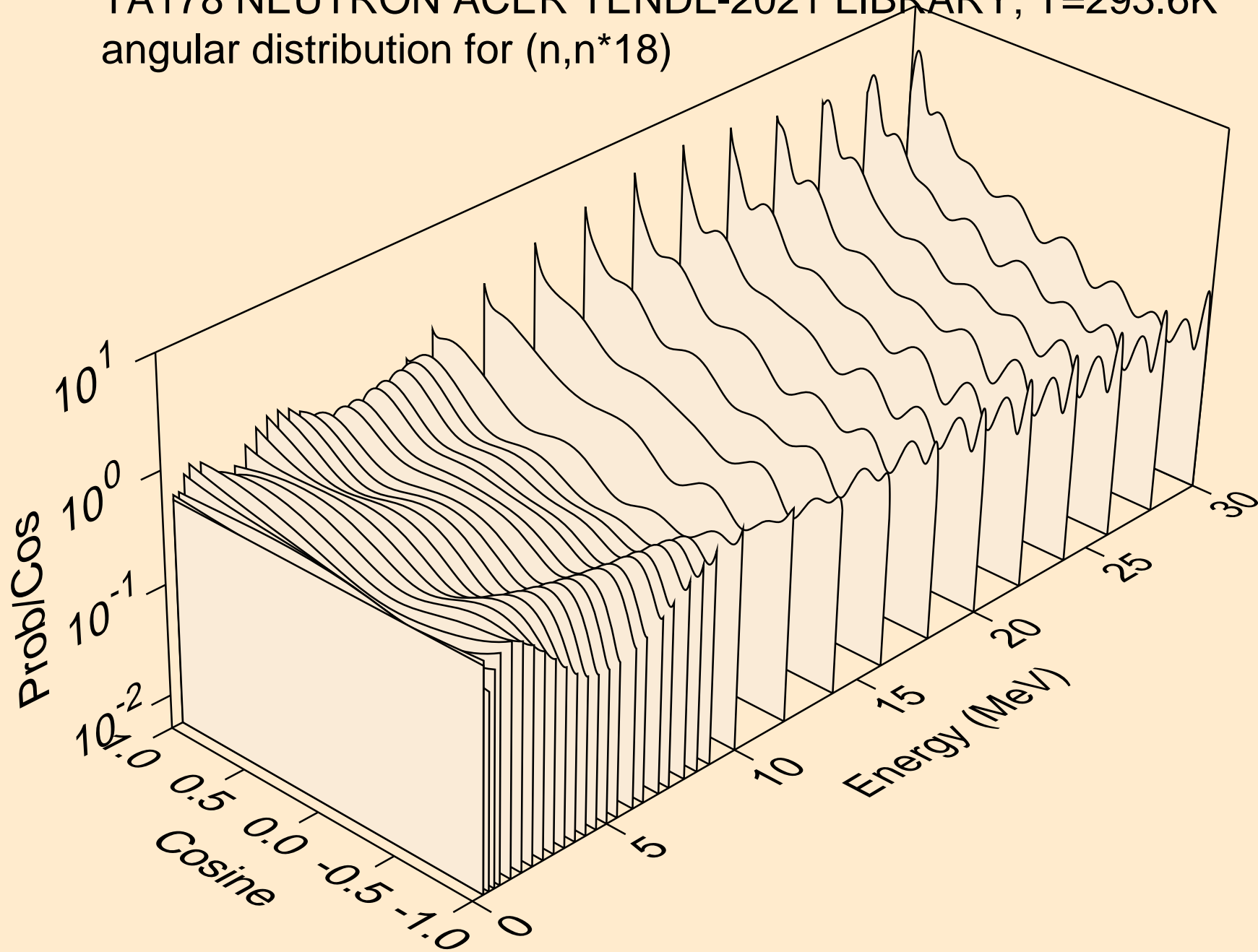
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*16)



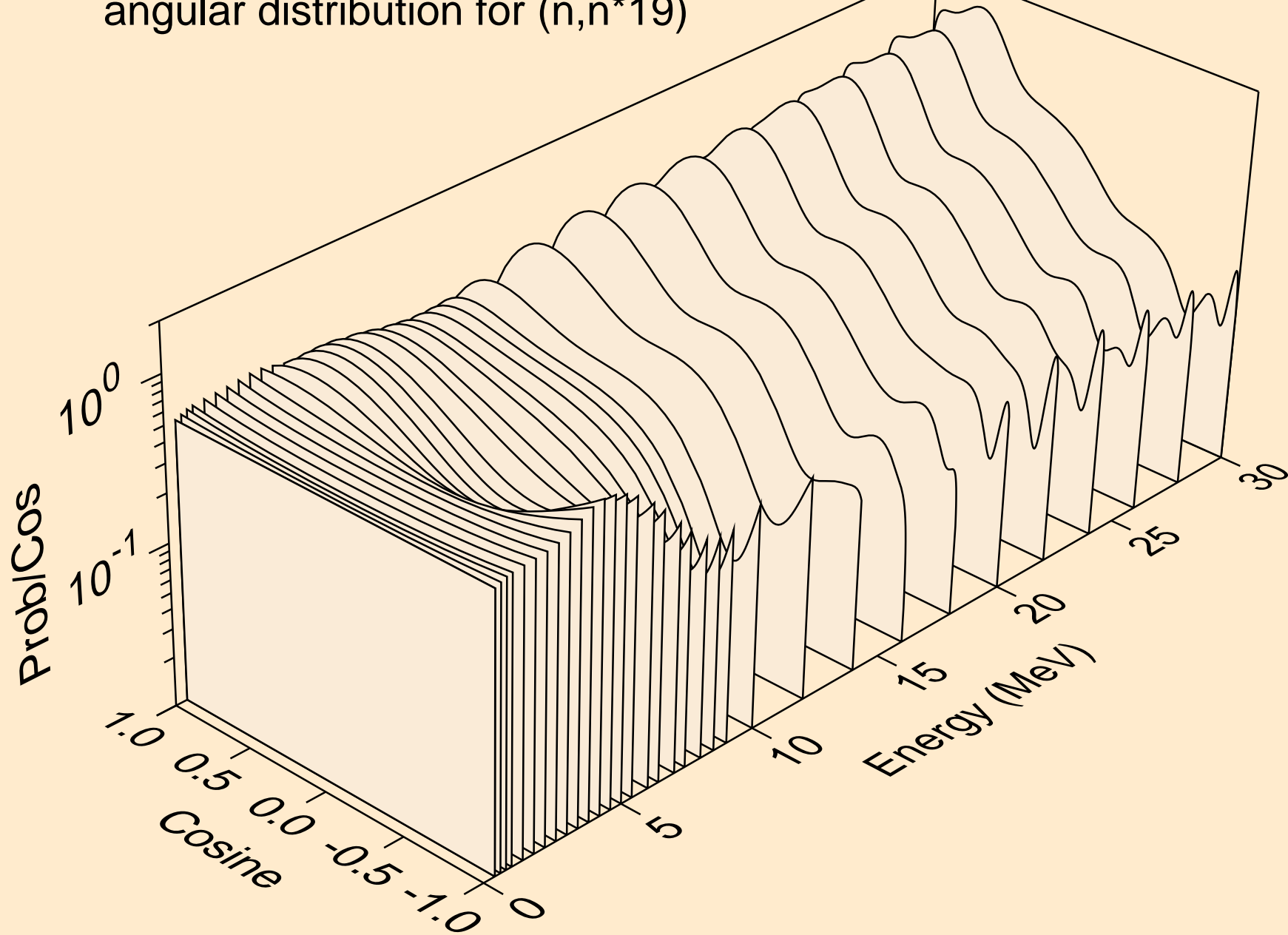
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angular distribution for (n,n*17)



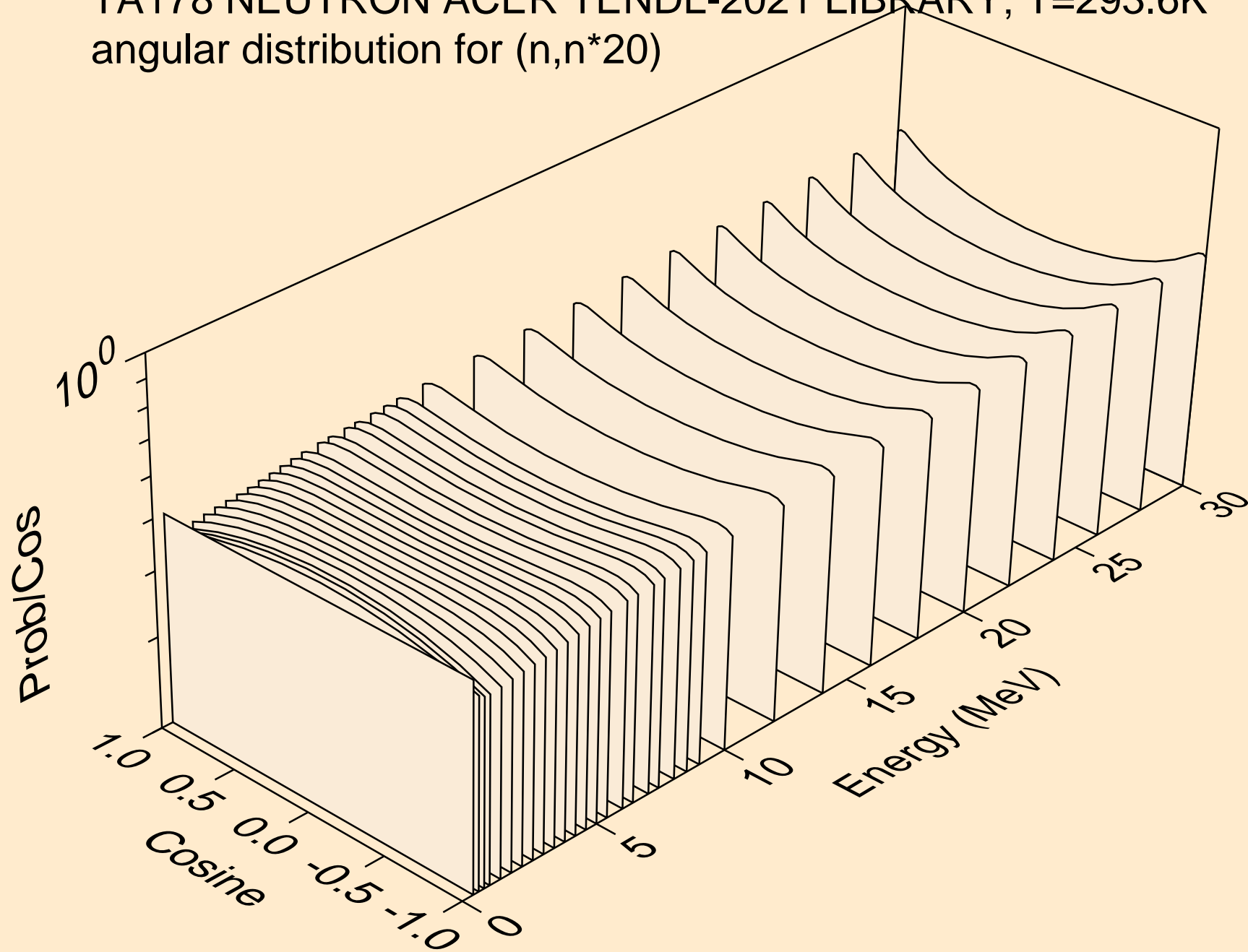
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*18)



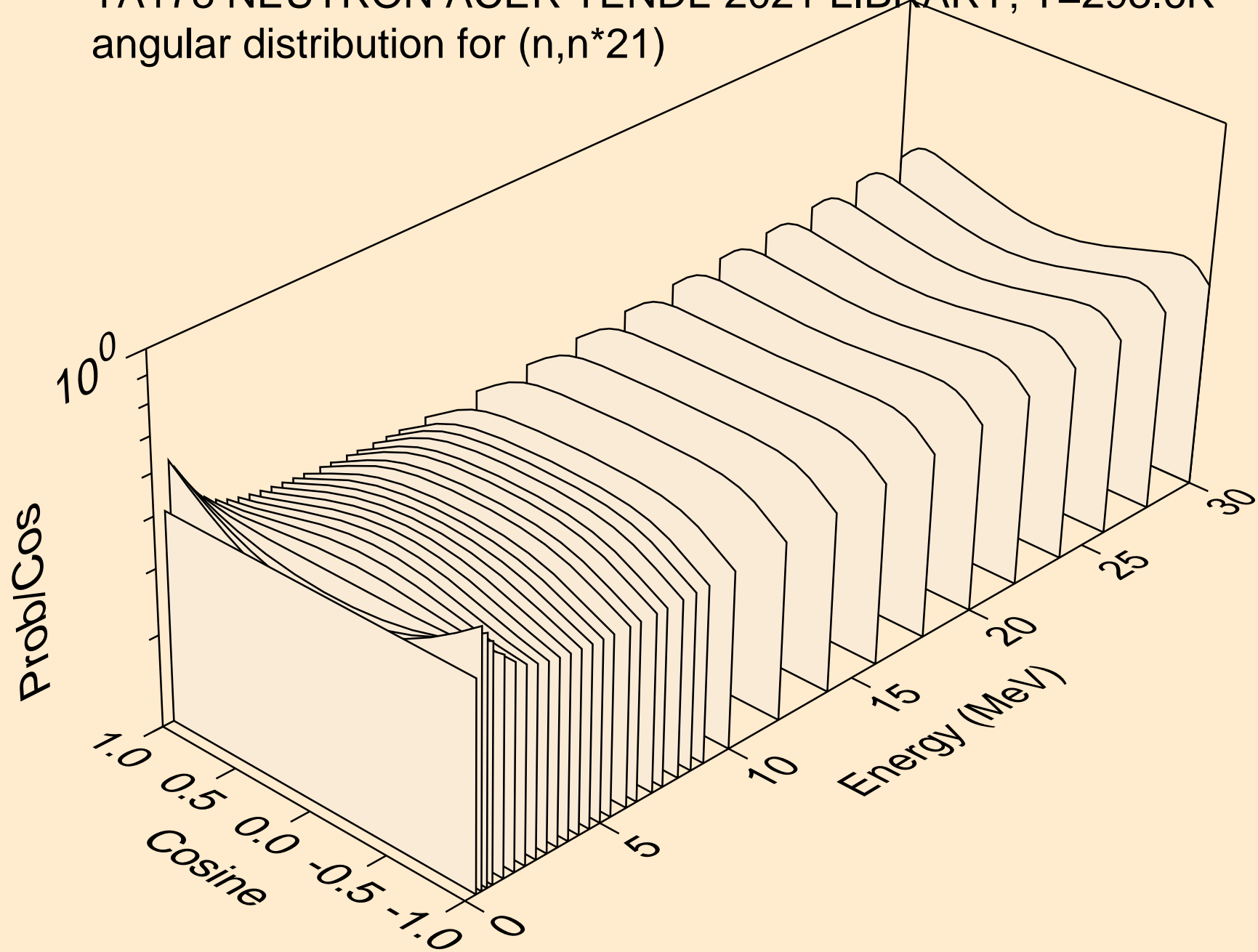
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*19)



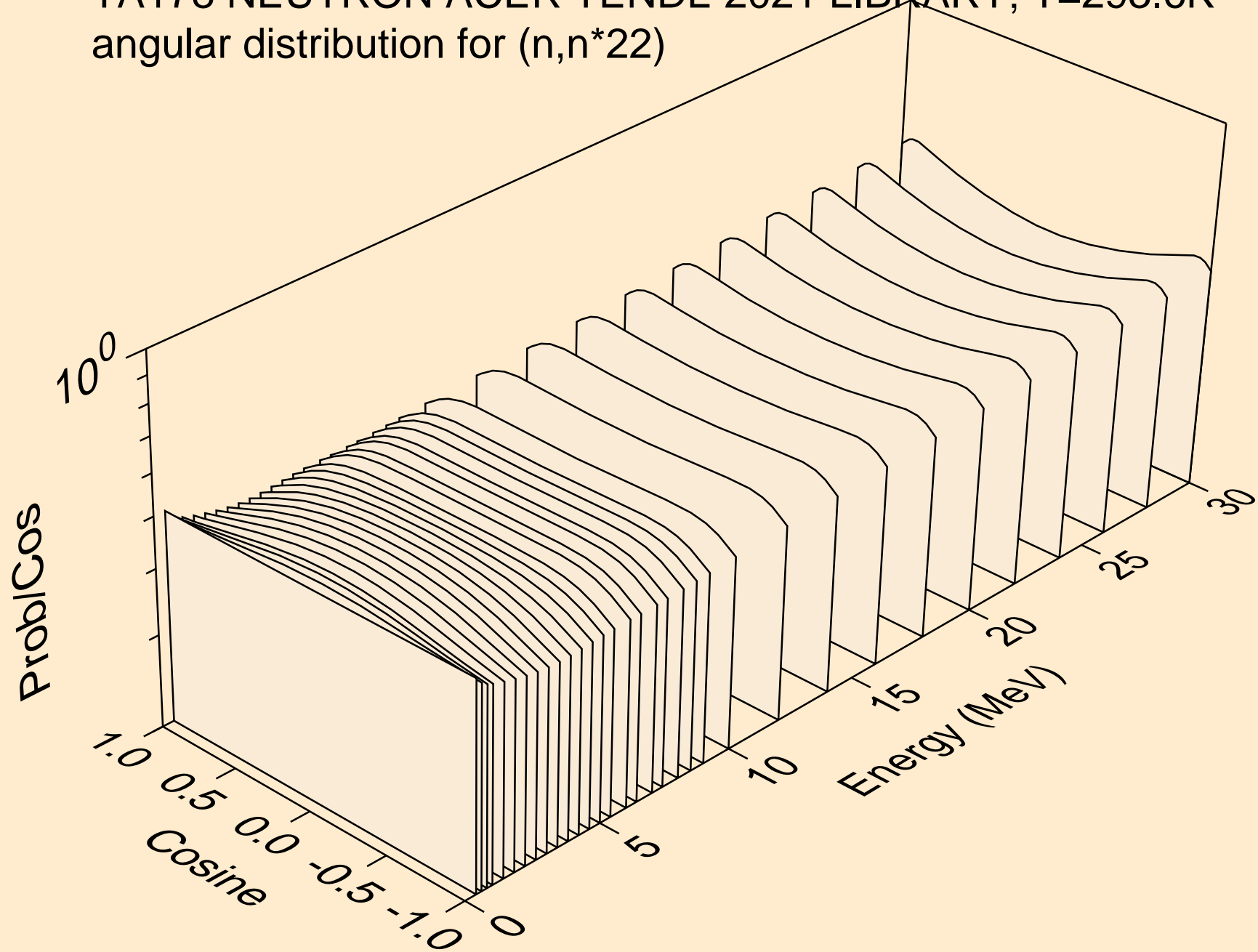
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*20)



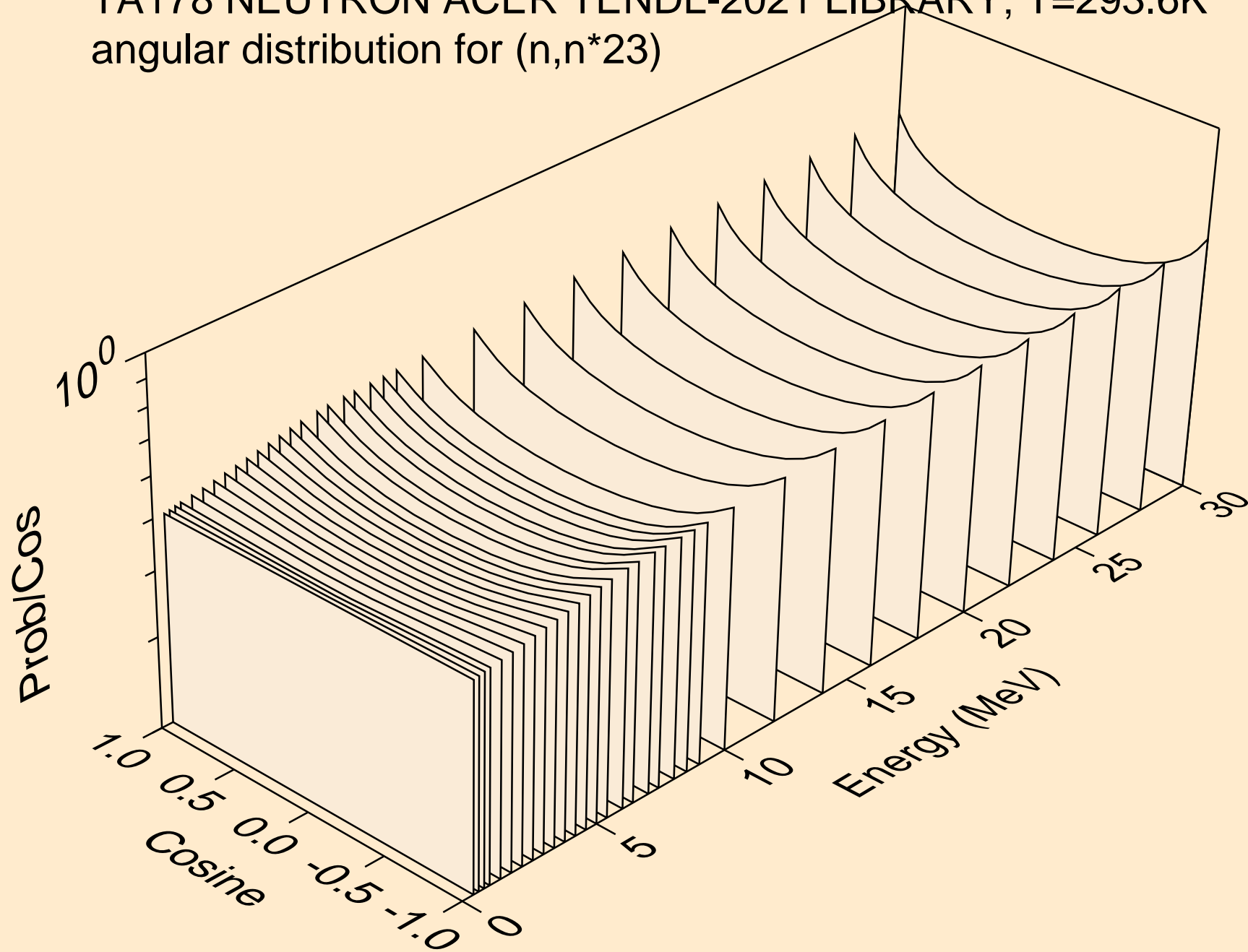
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*21)



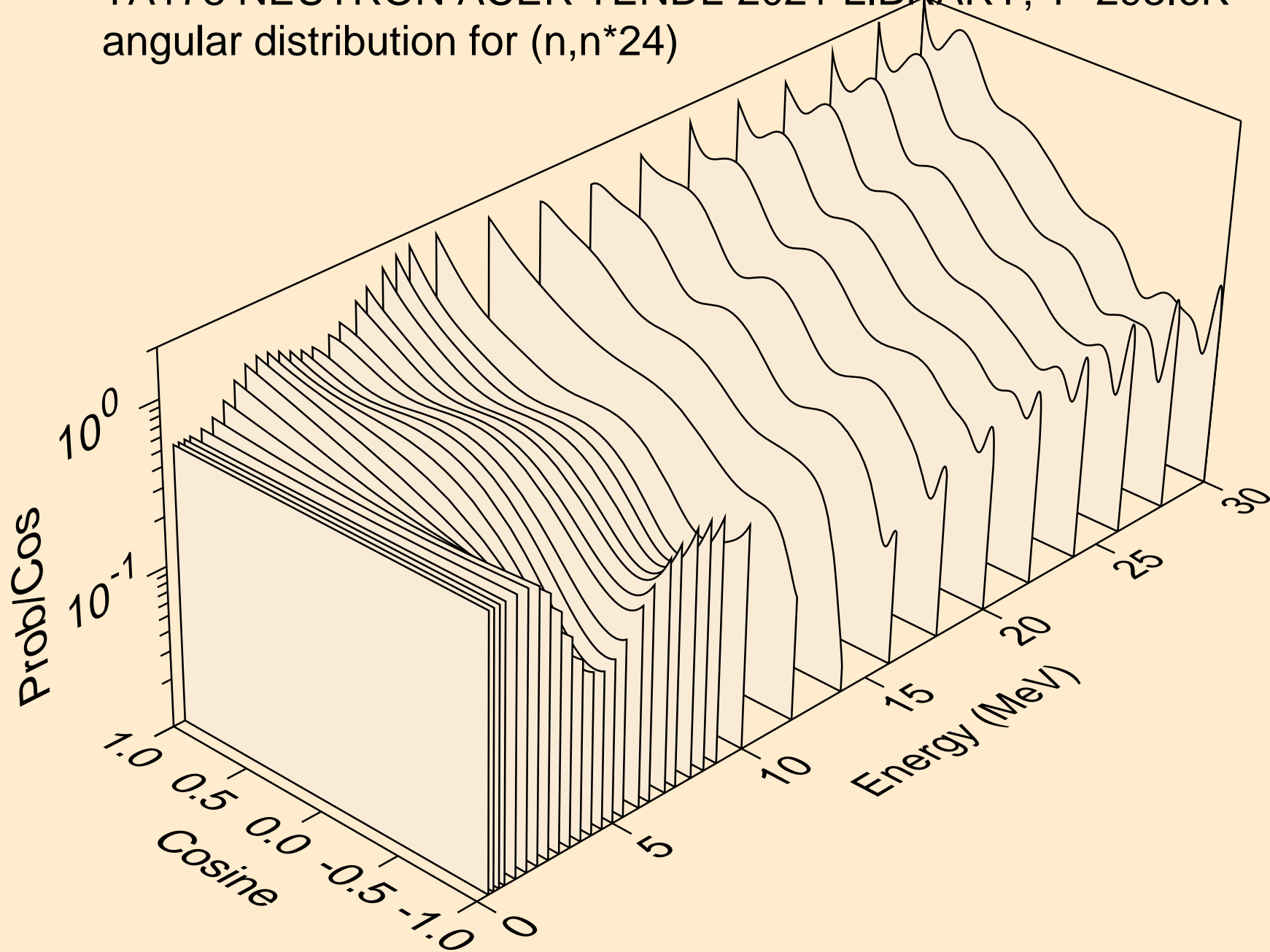
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*22)



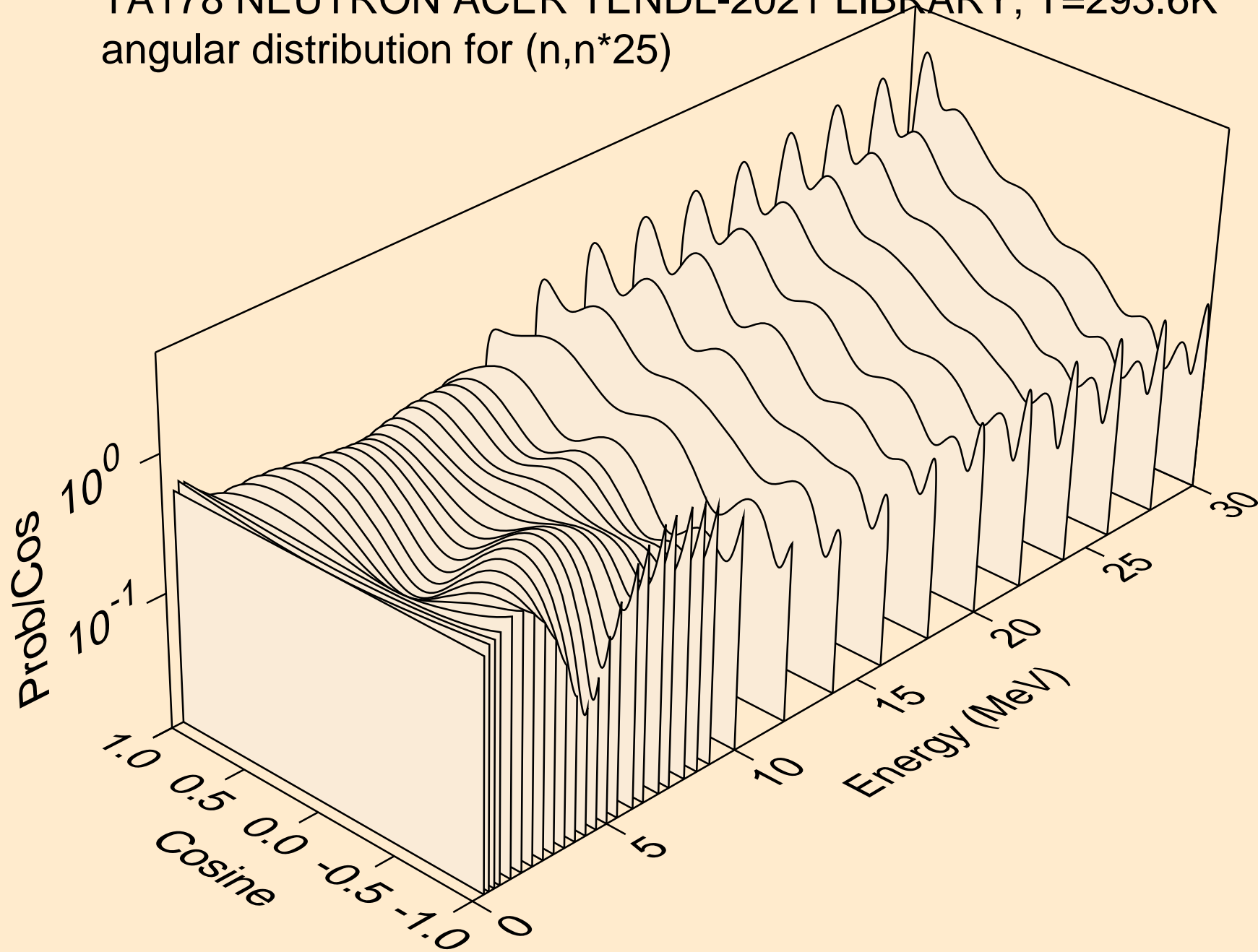
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angular distribution for (n,n*23)



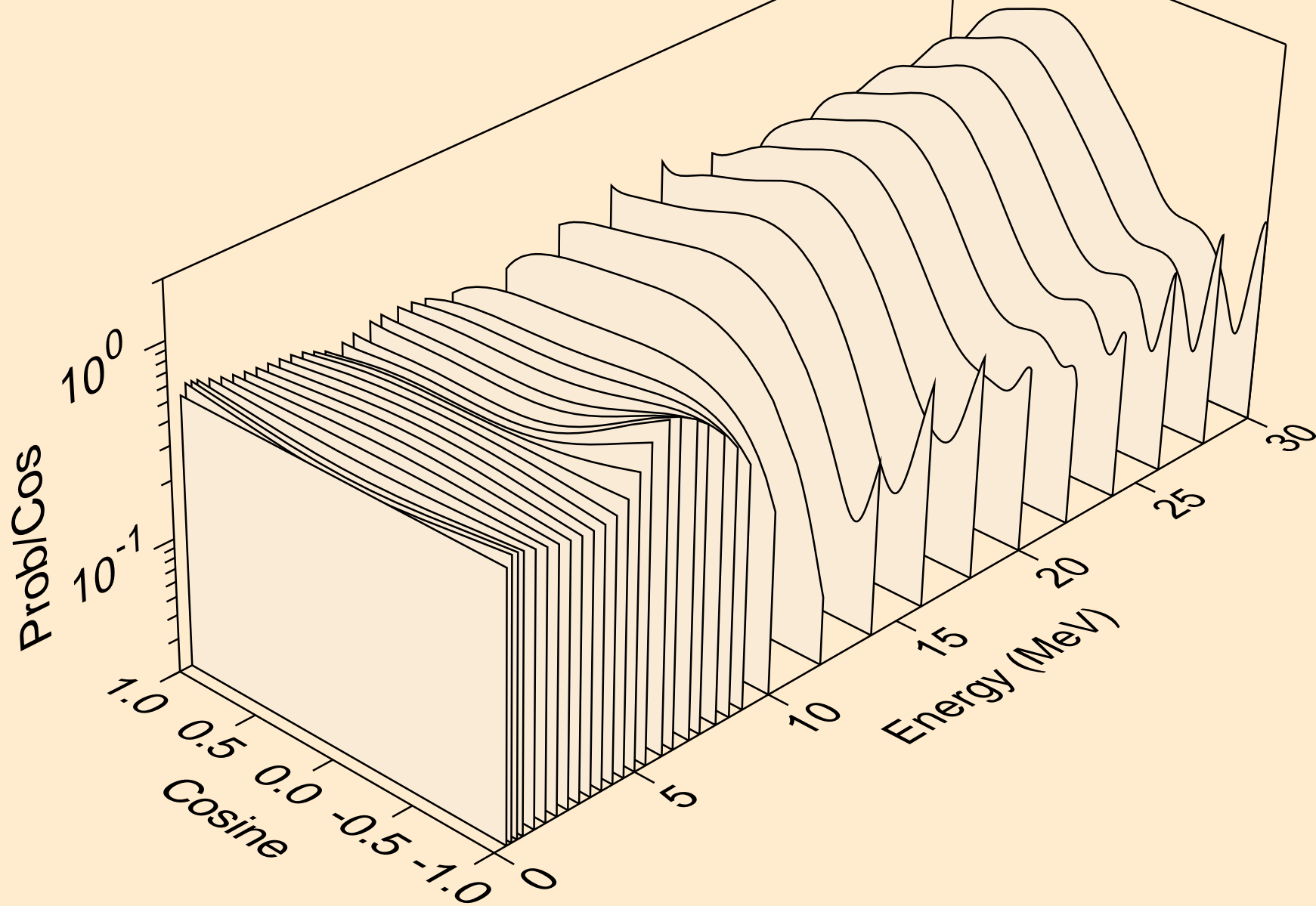
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*24)



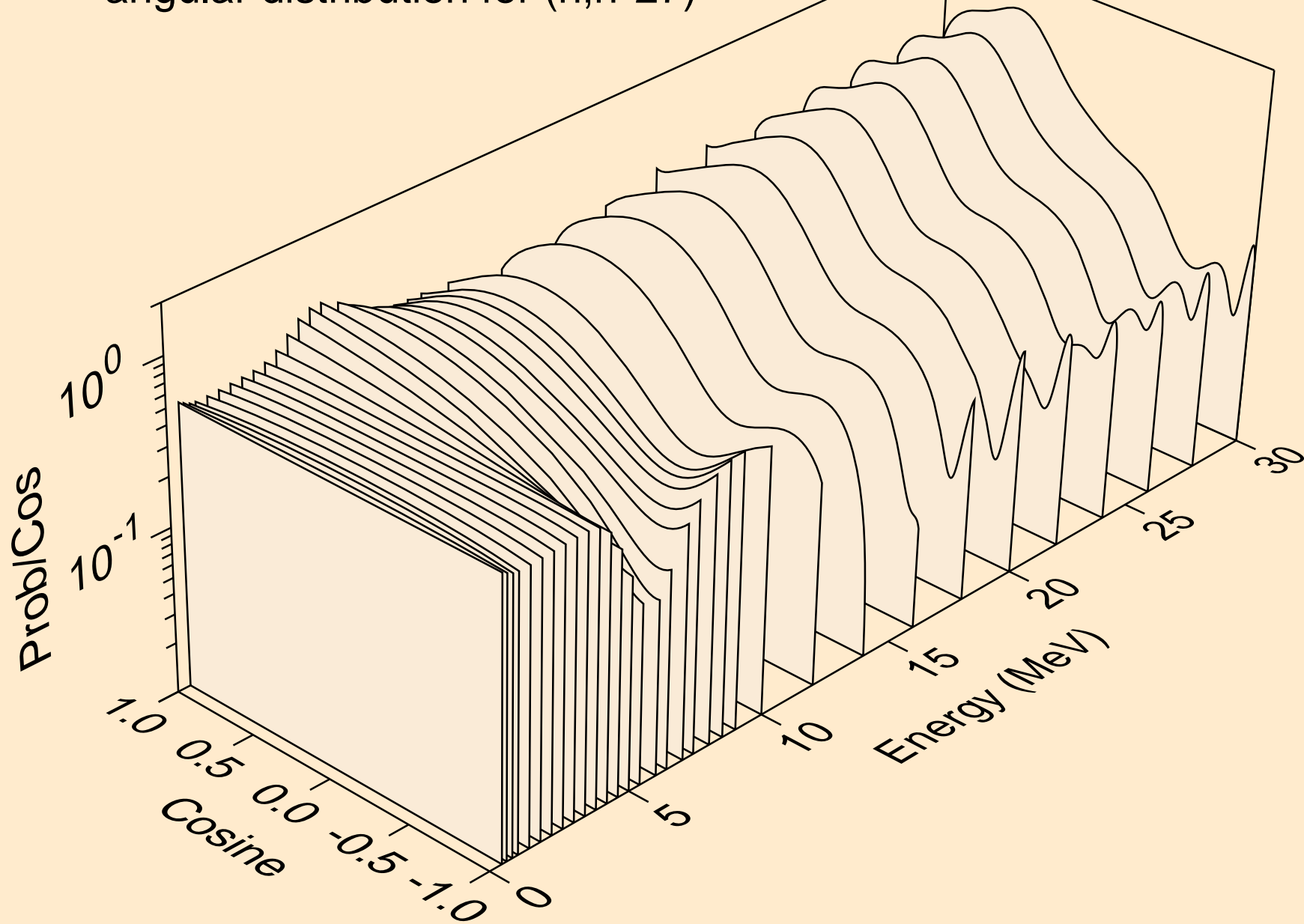
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*25)



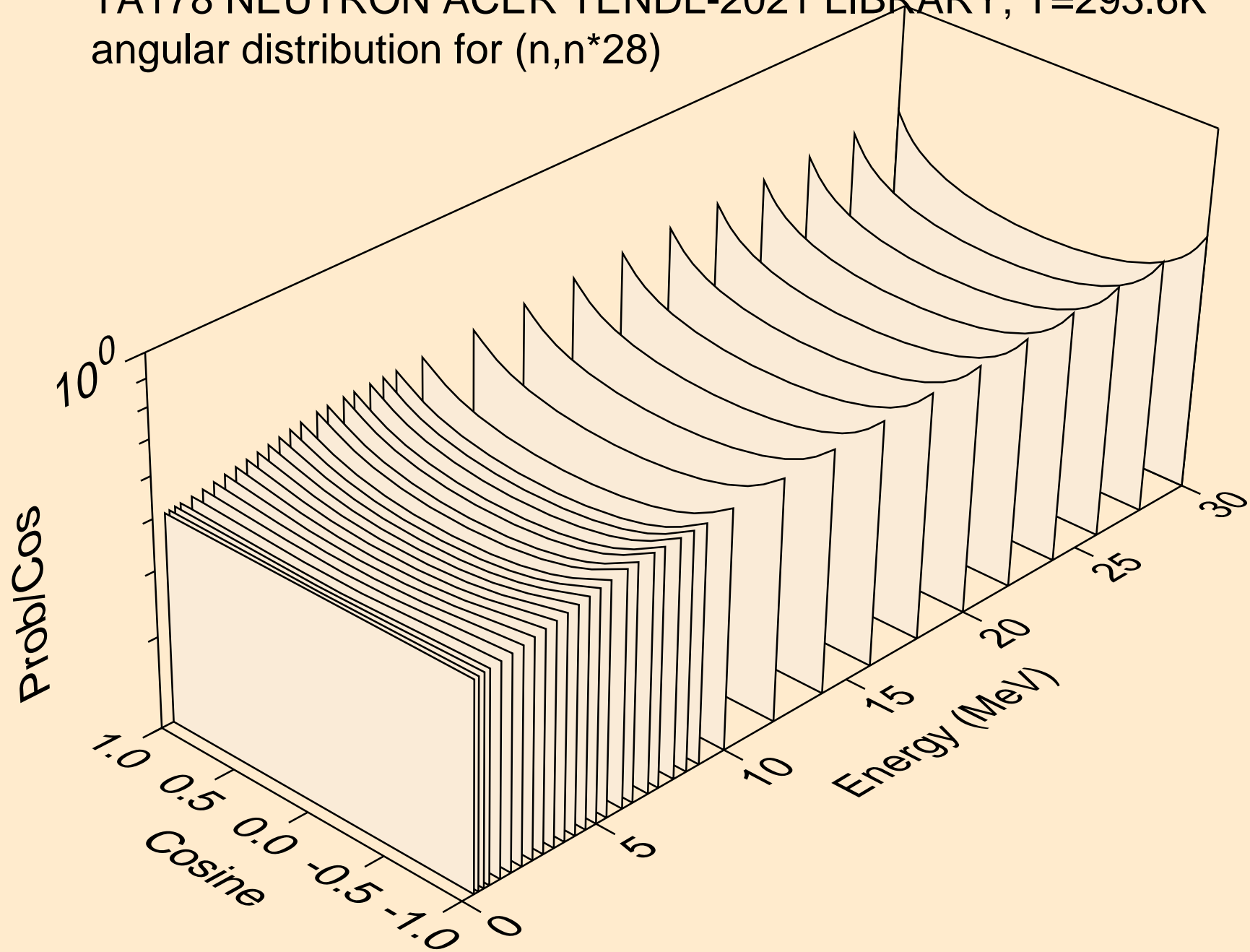
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*26)



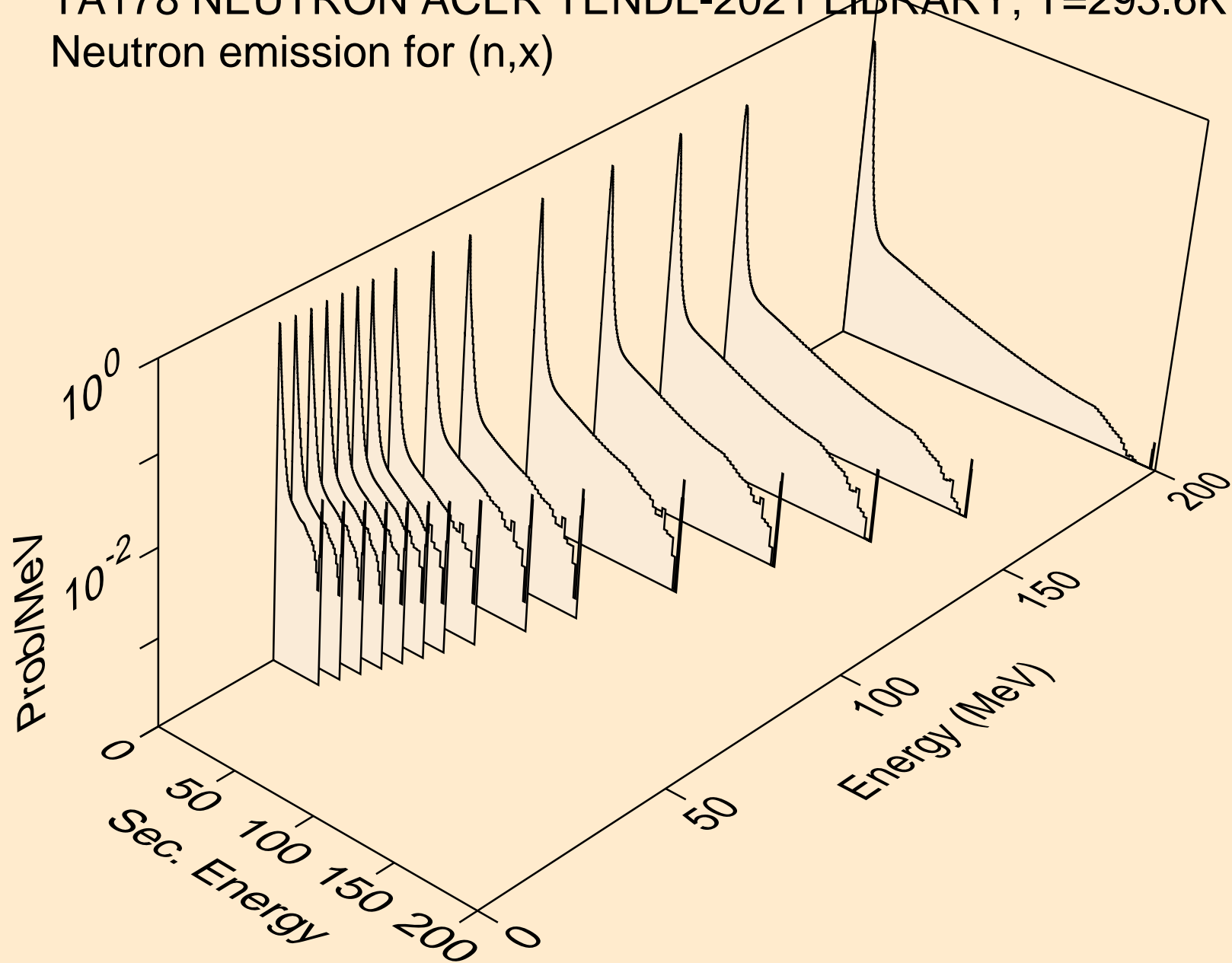
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*27)



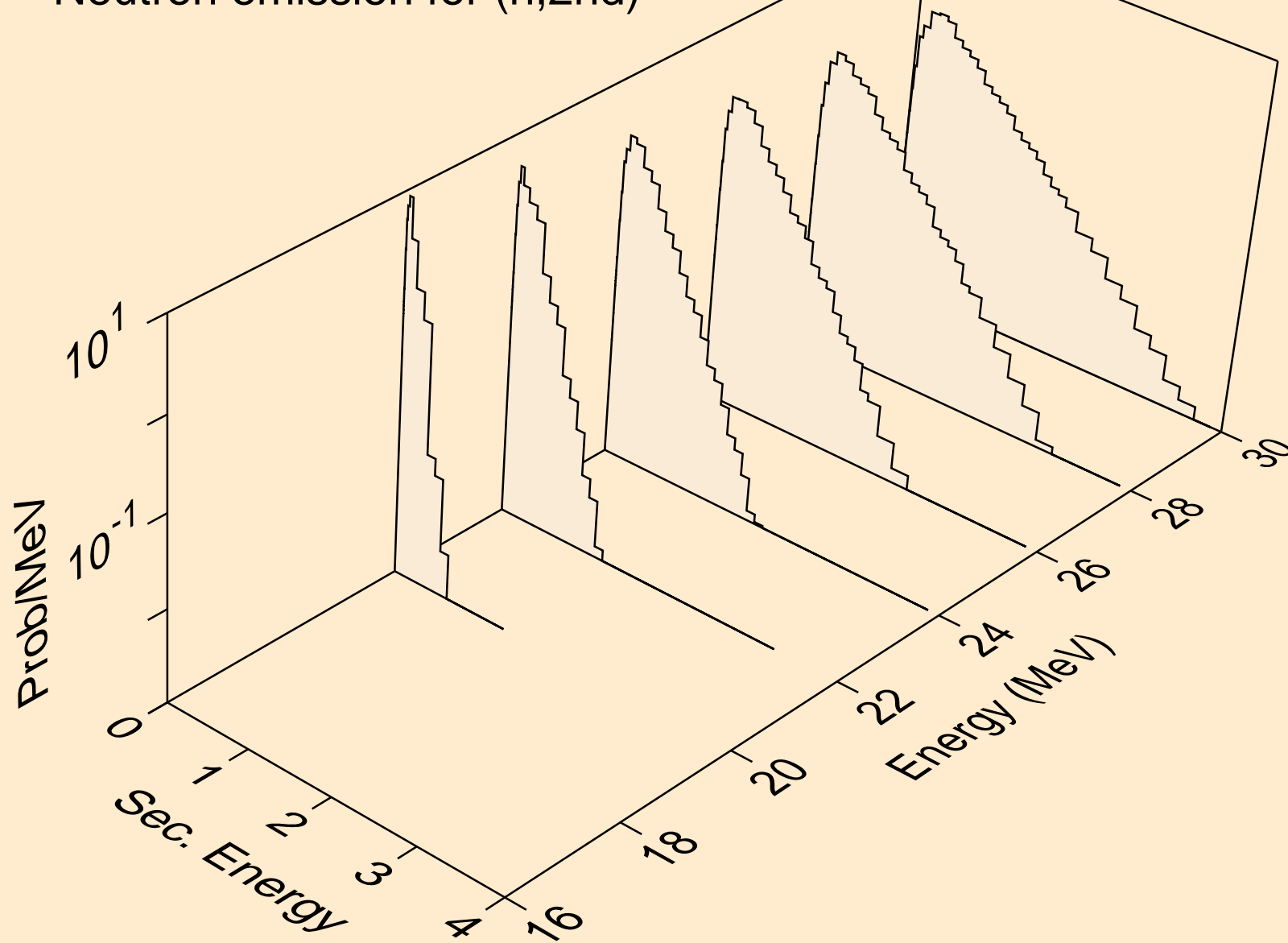
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*28)



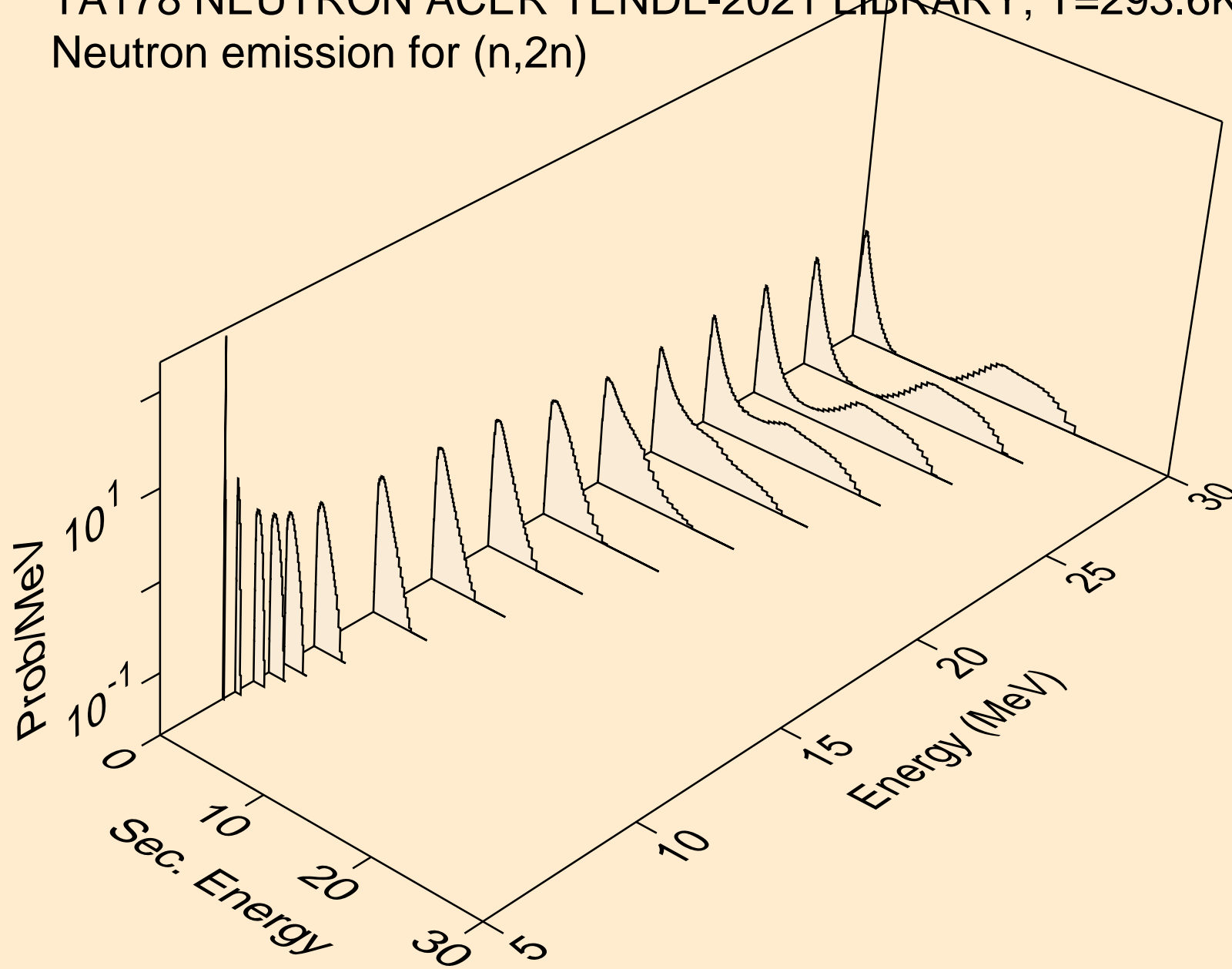
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



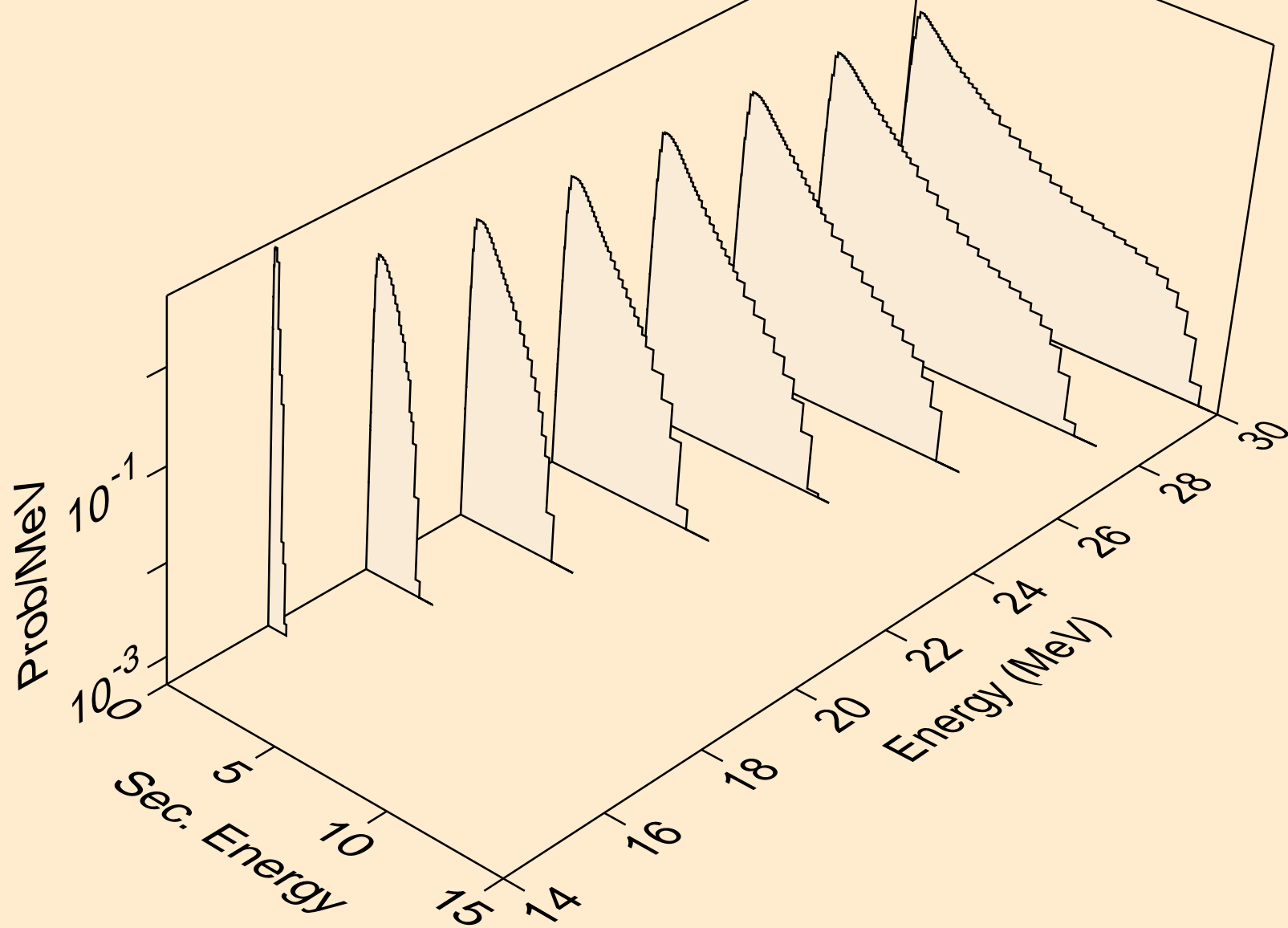
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



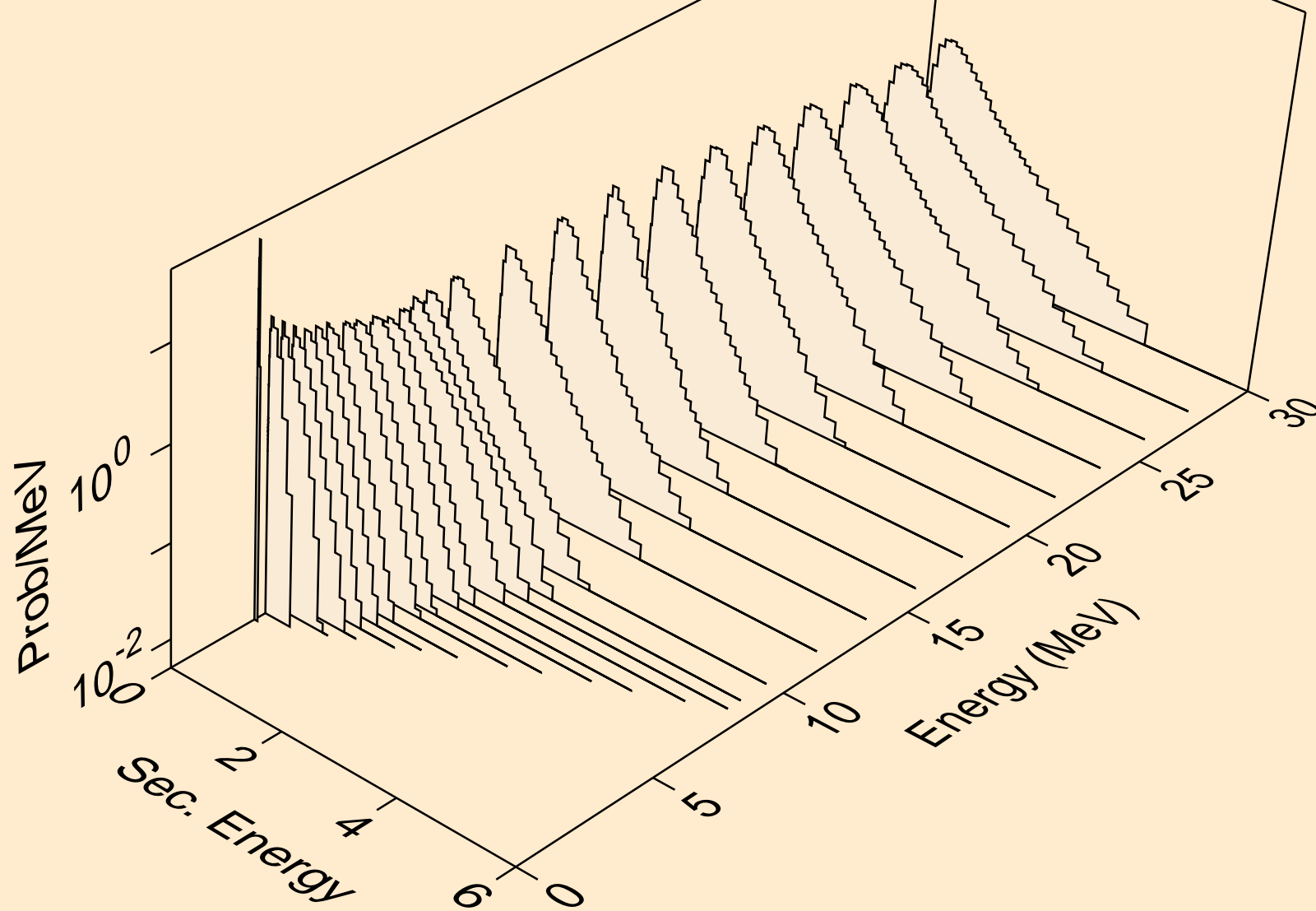
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



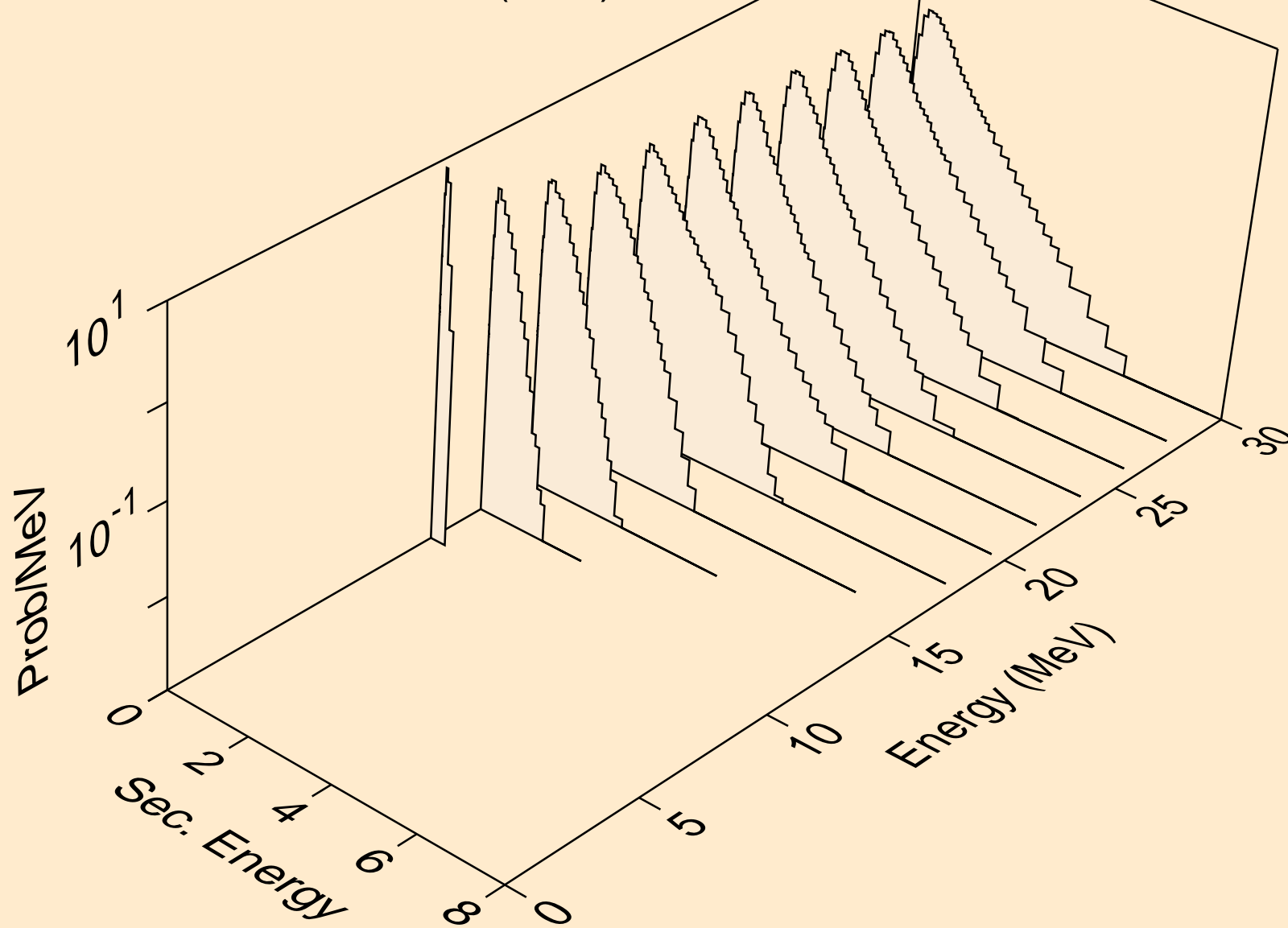
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



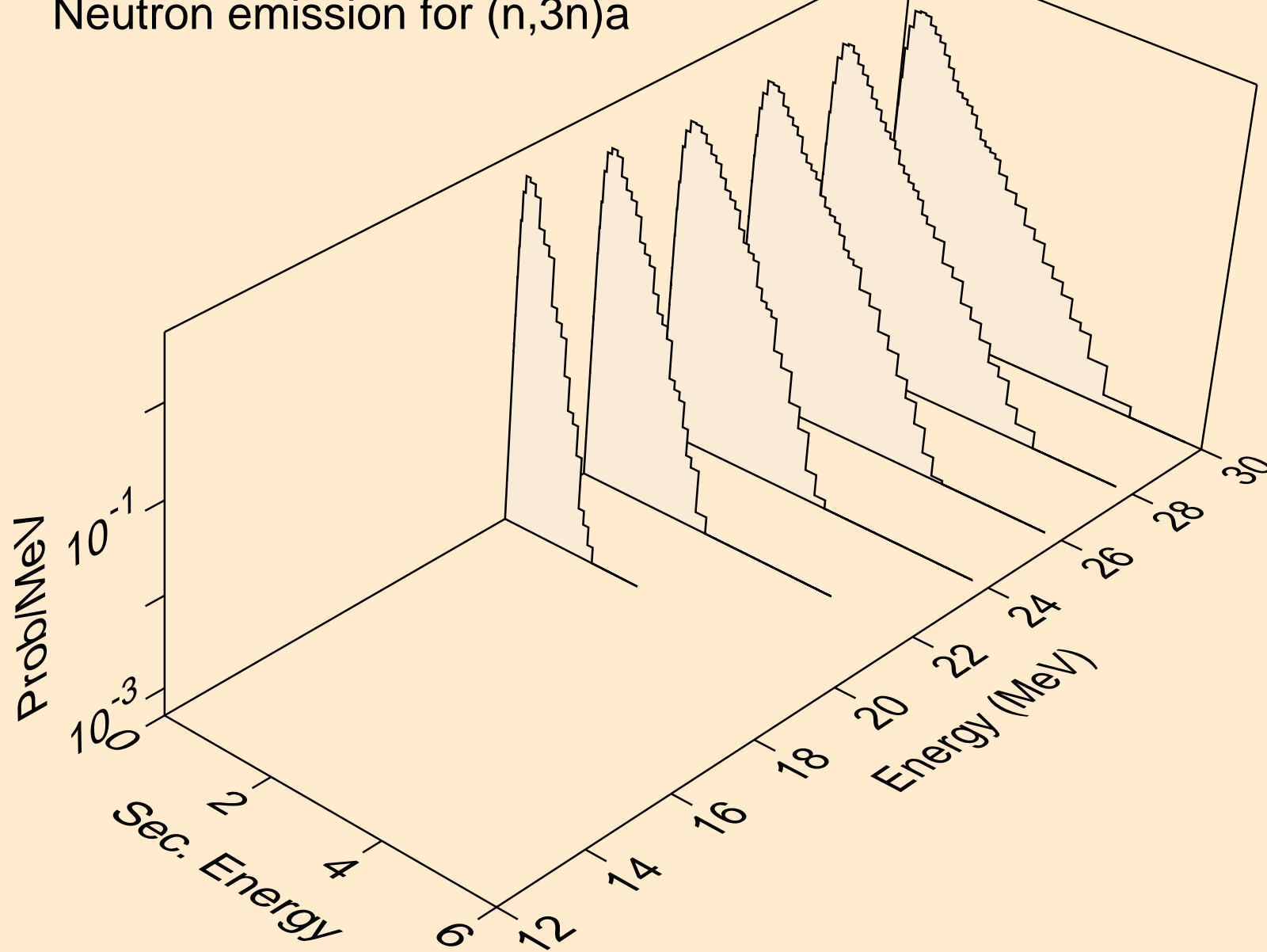
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



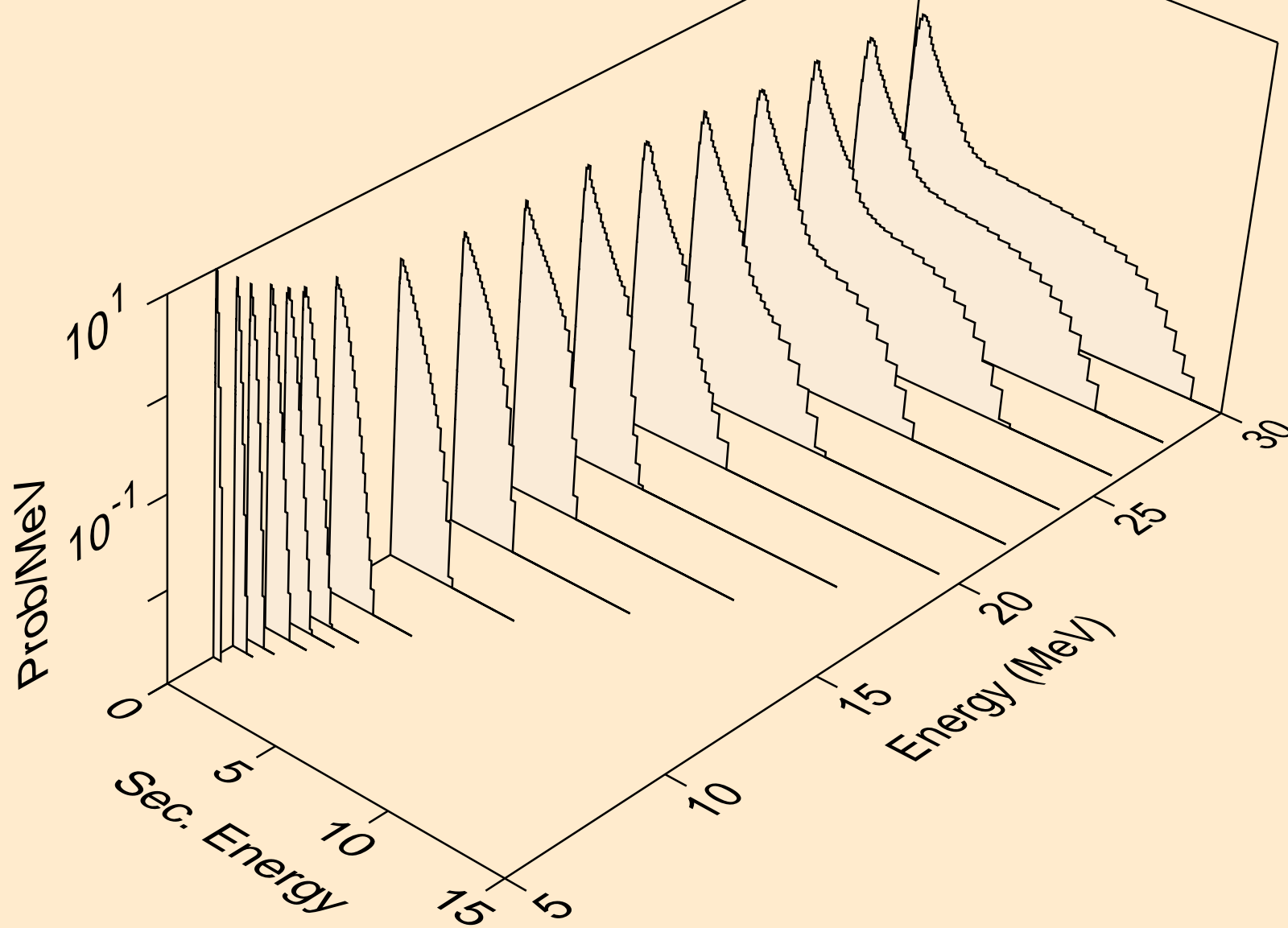
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



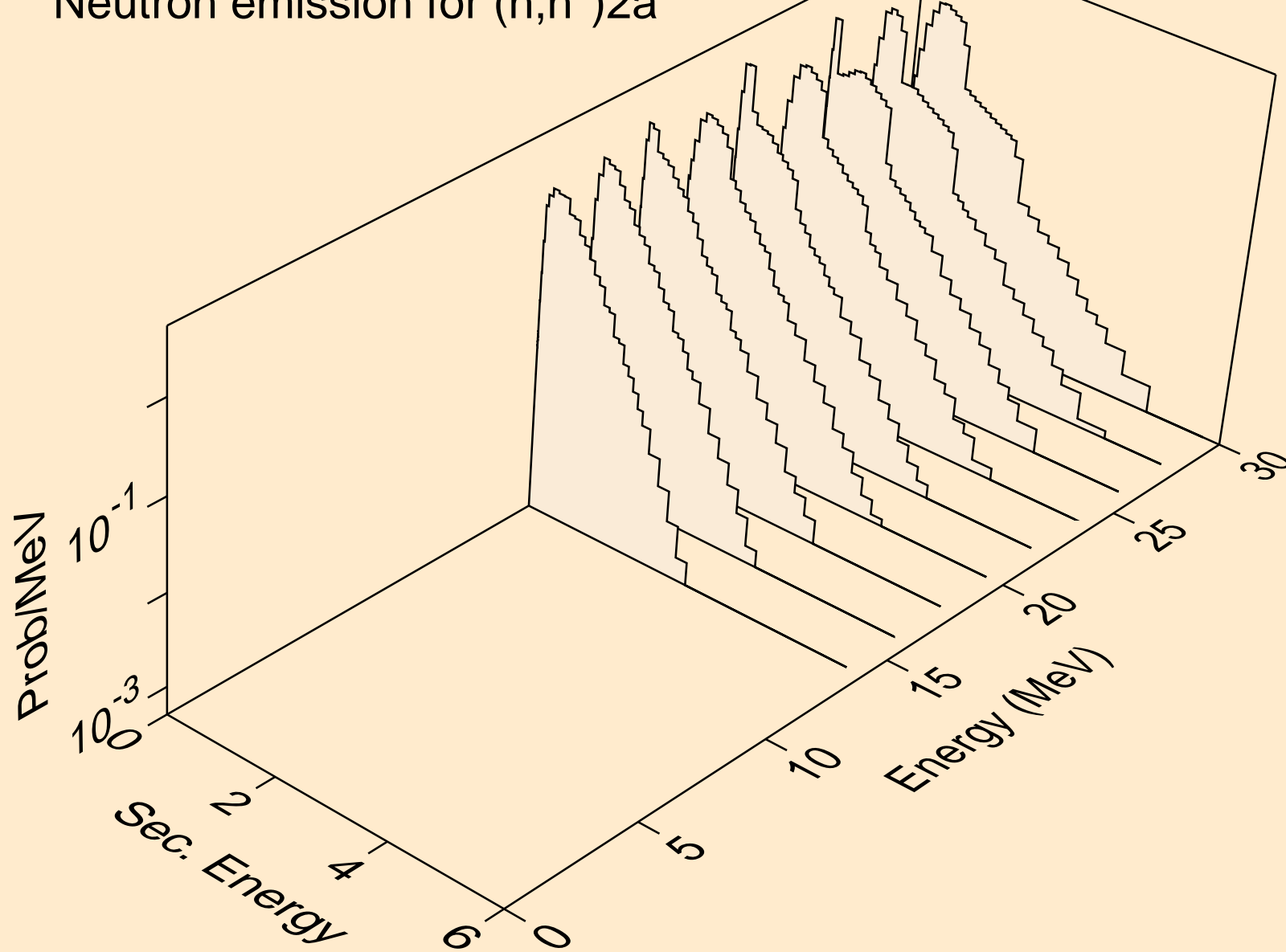
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



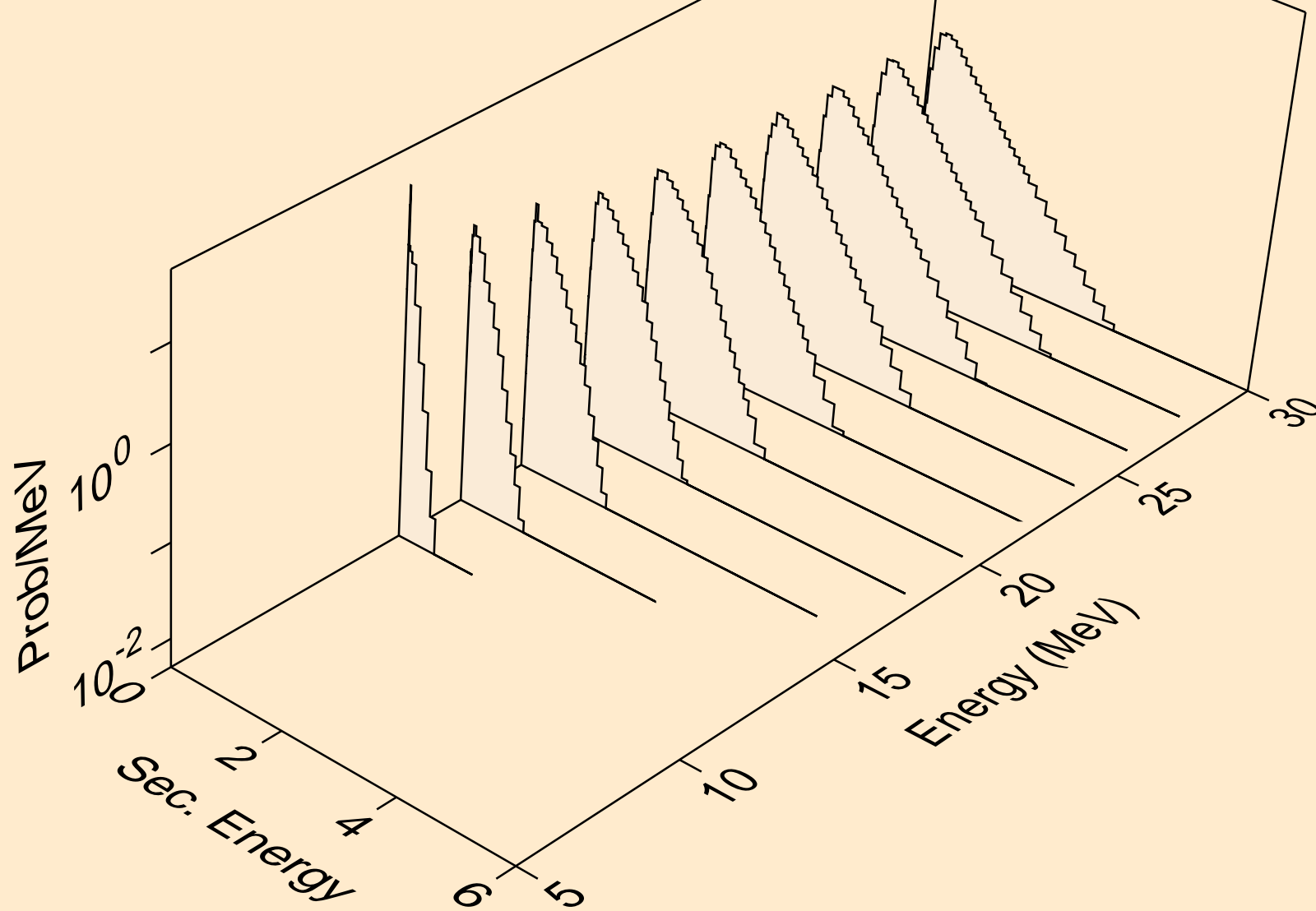
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



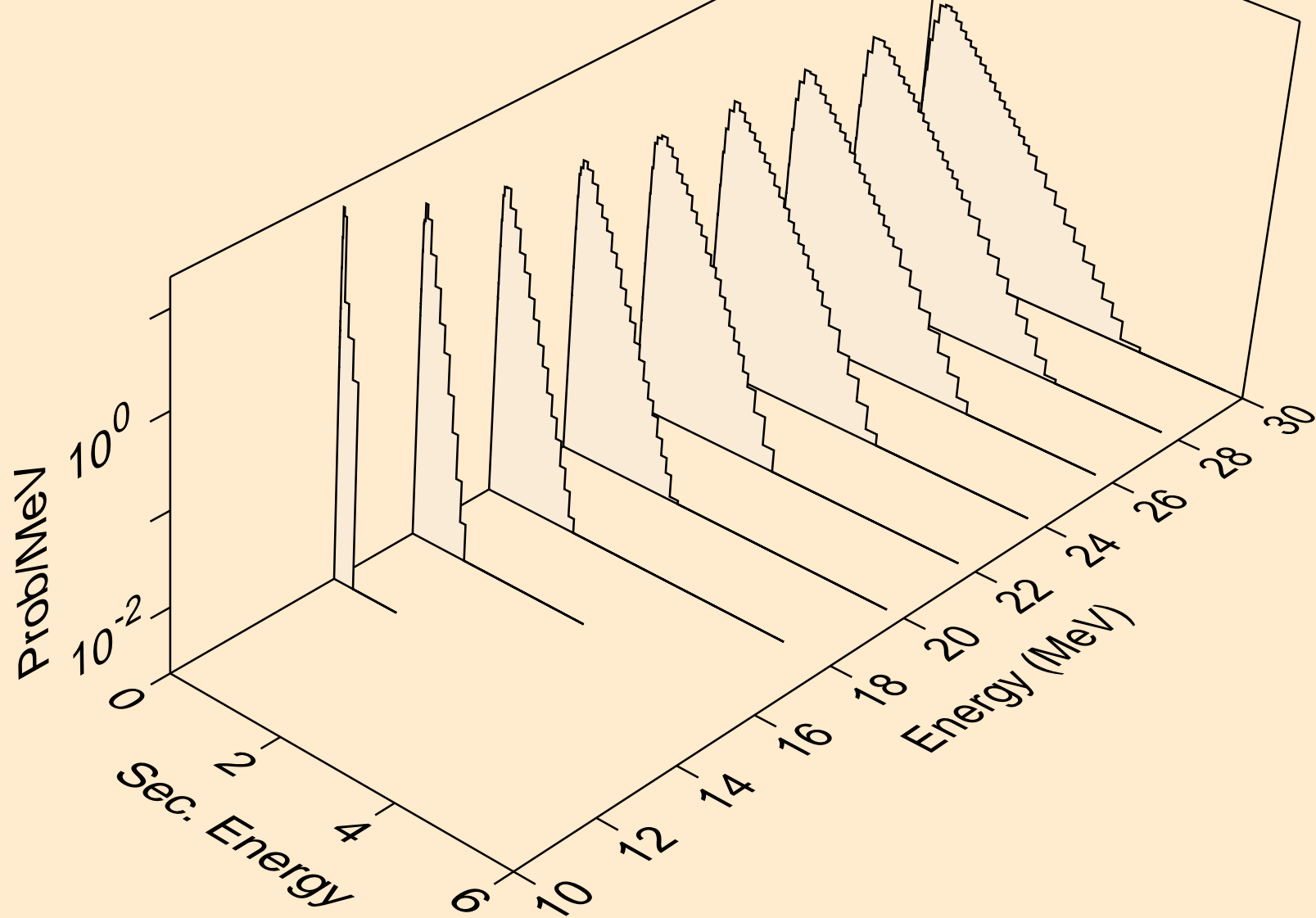
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



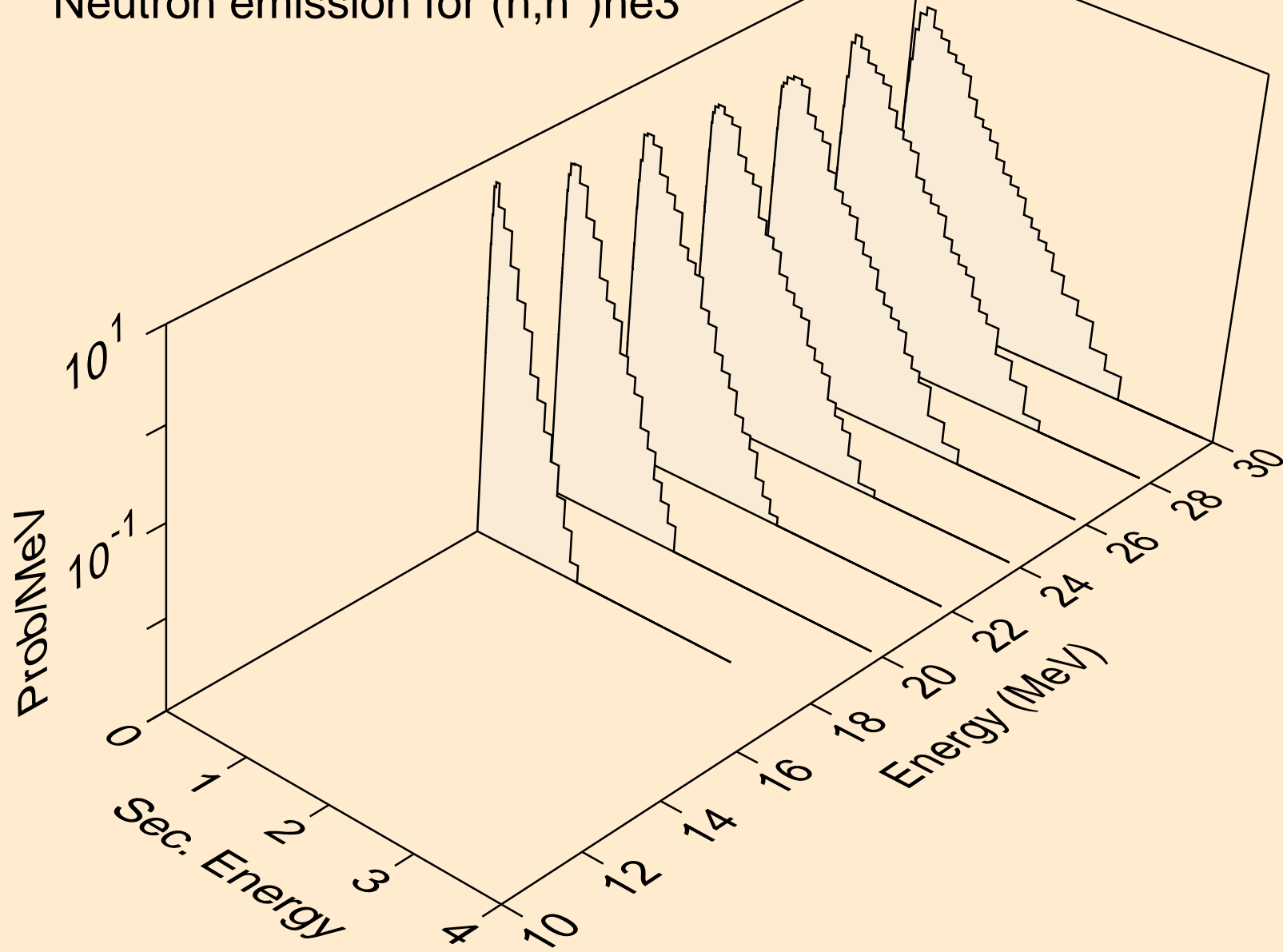
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



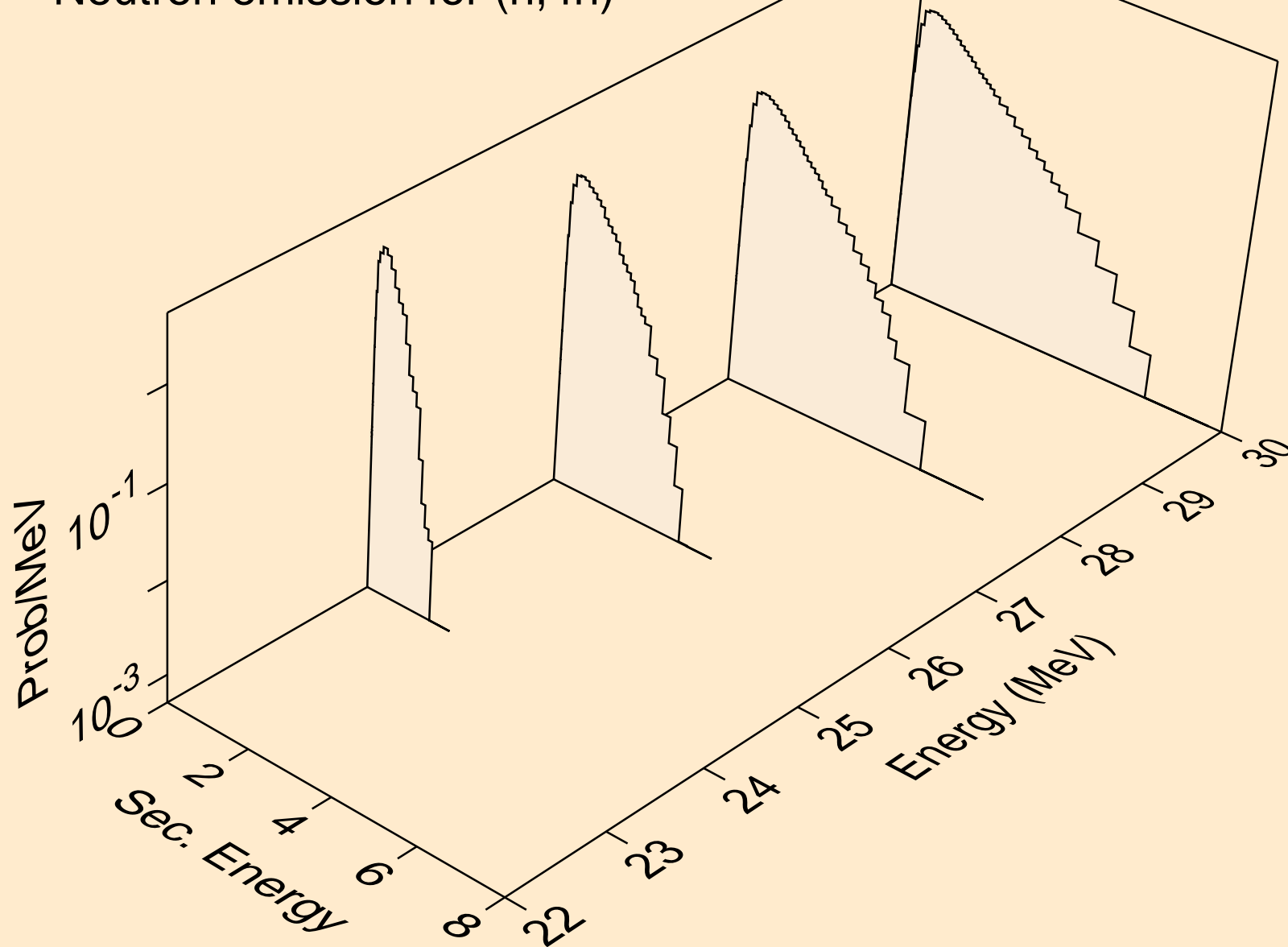
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



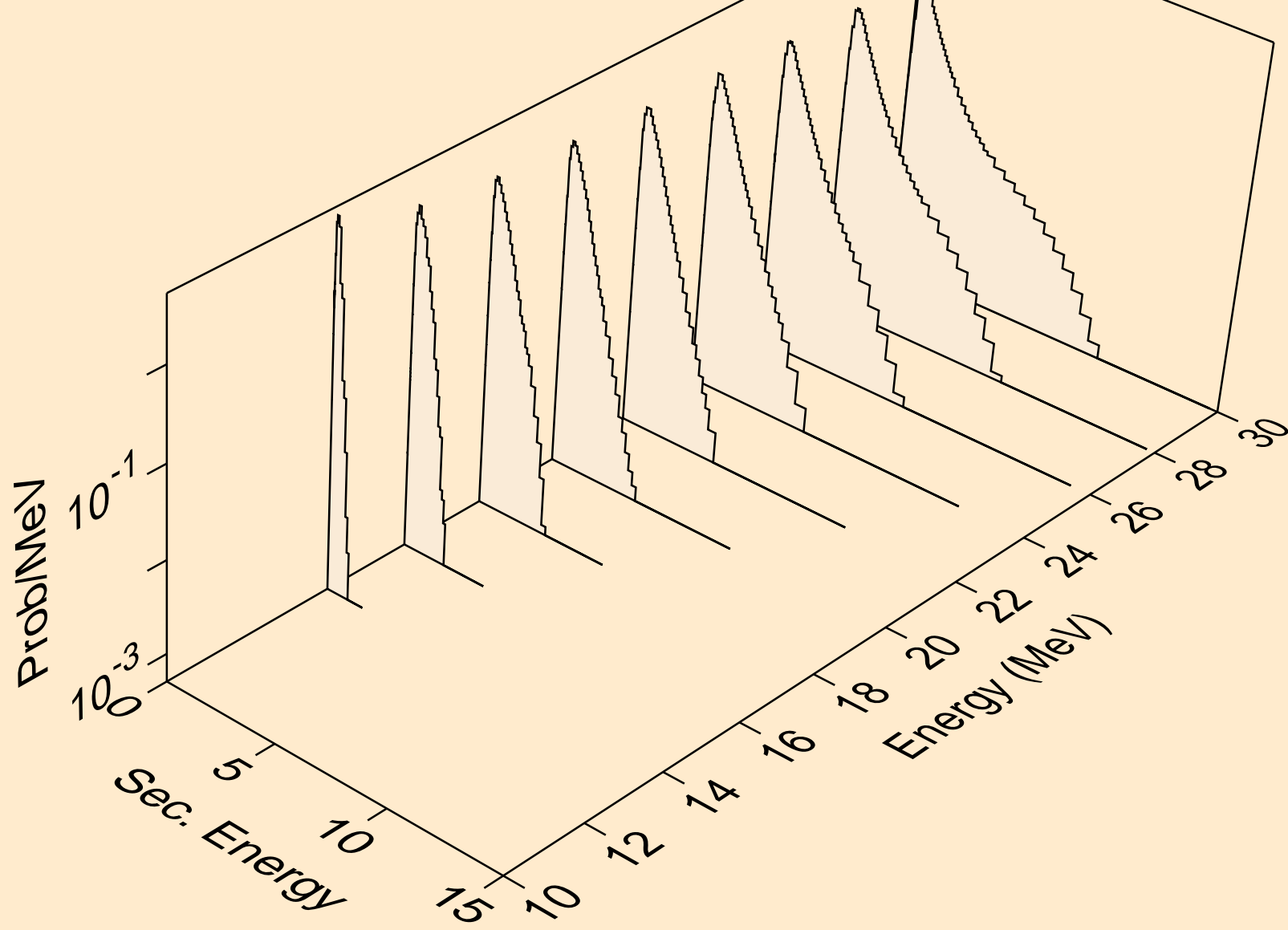
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



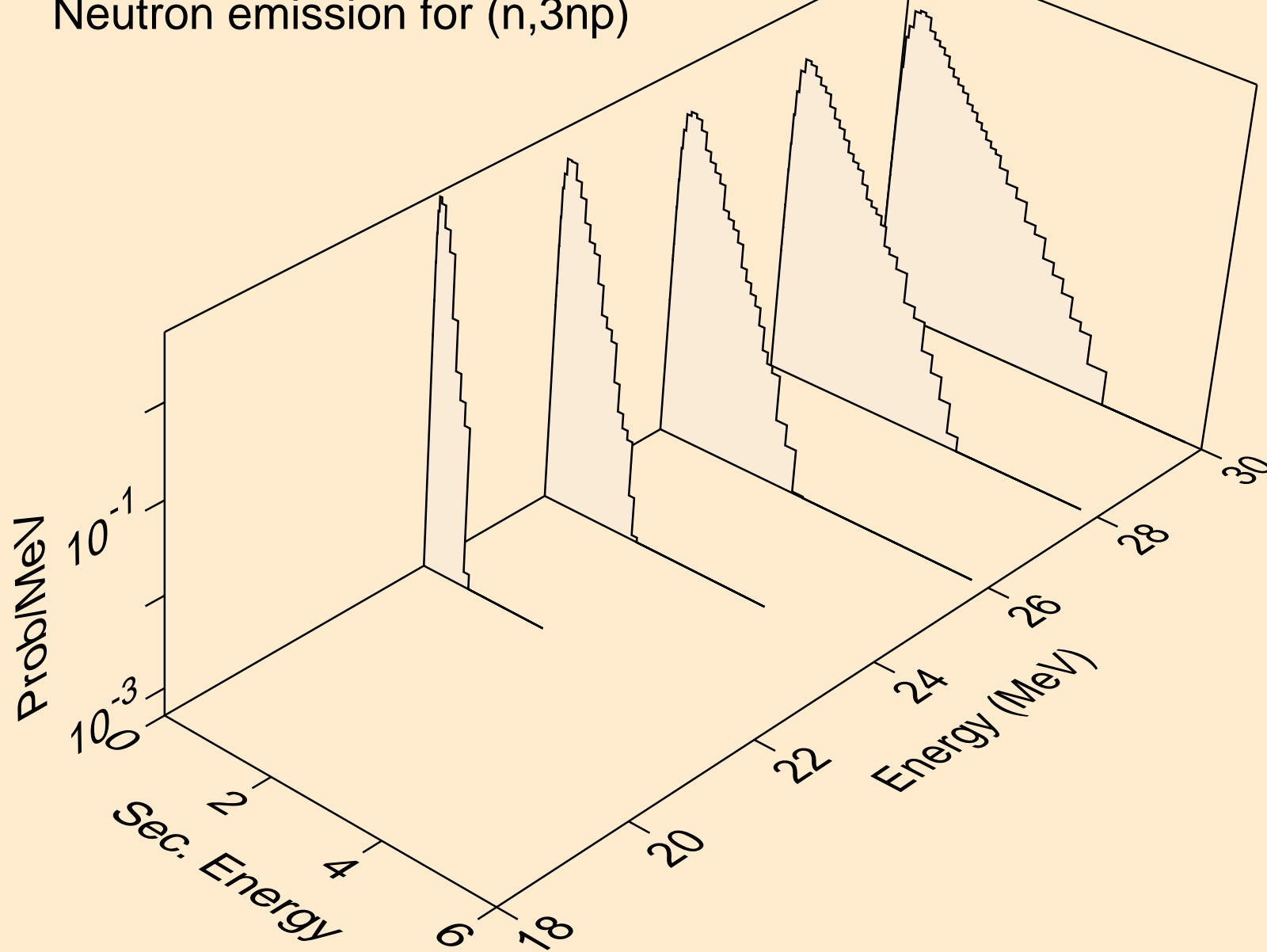
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



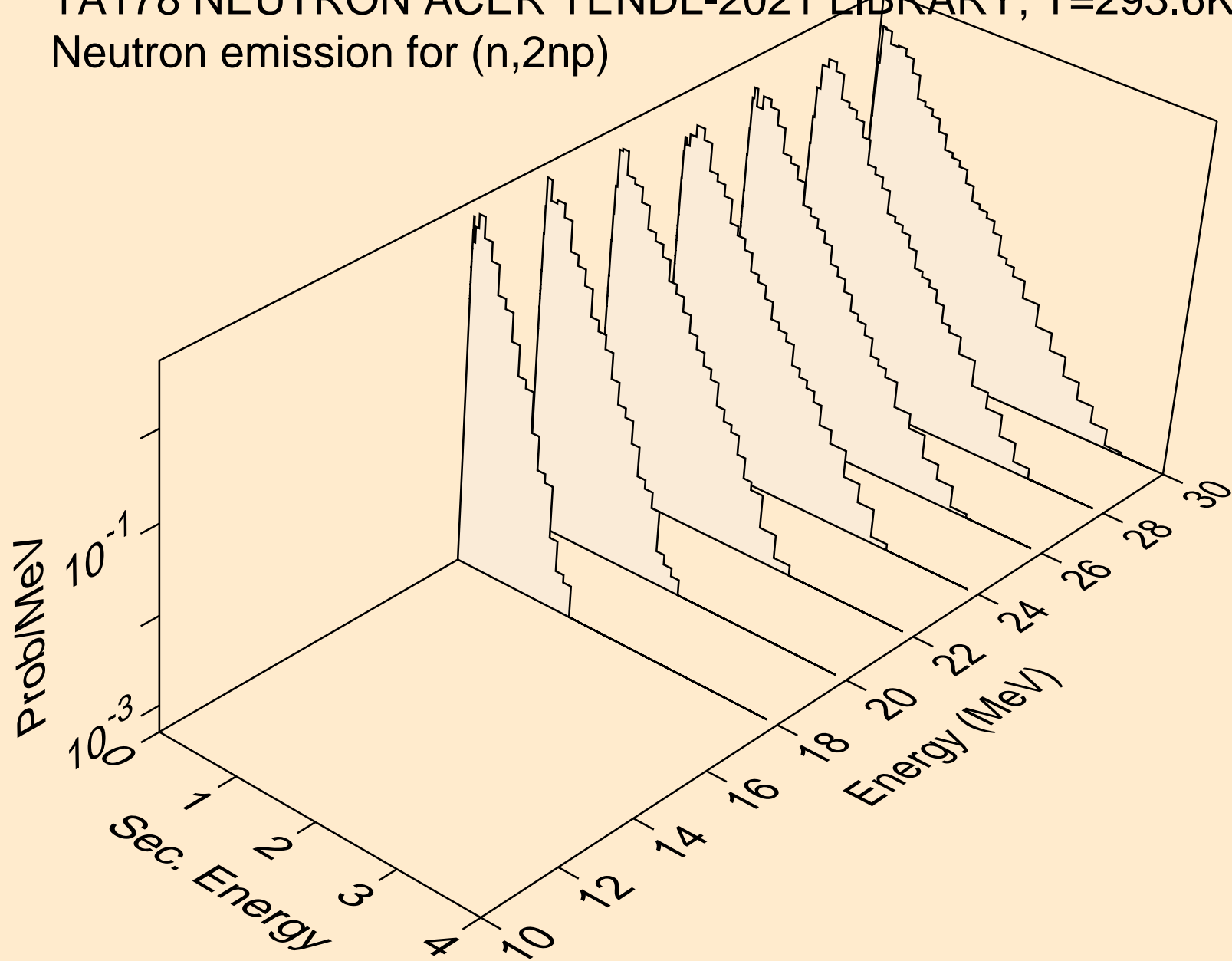
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



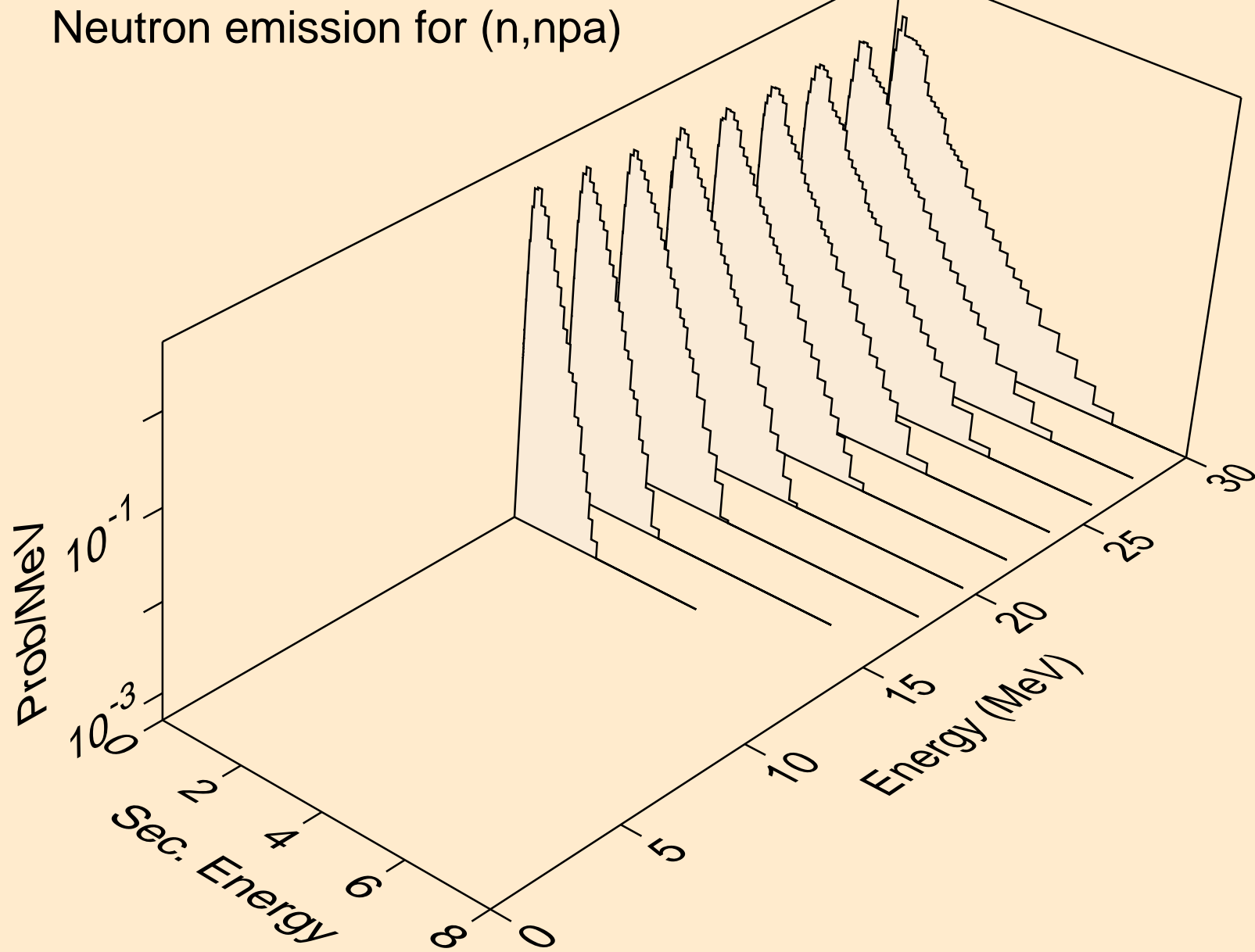
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



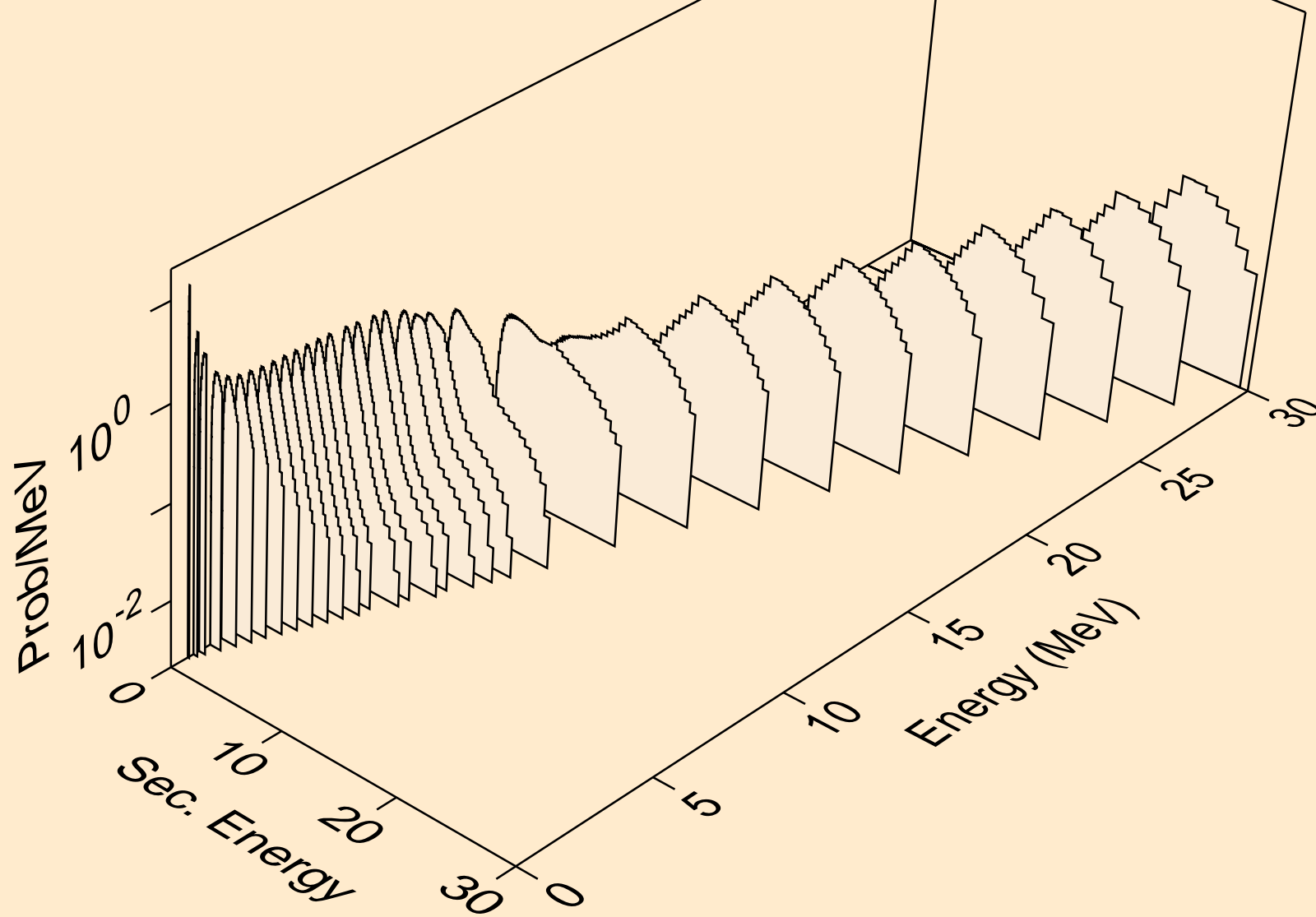
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



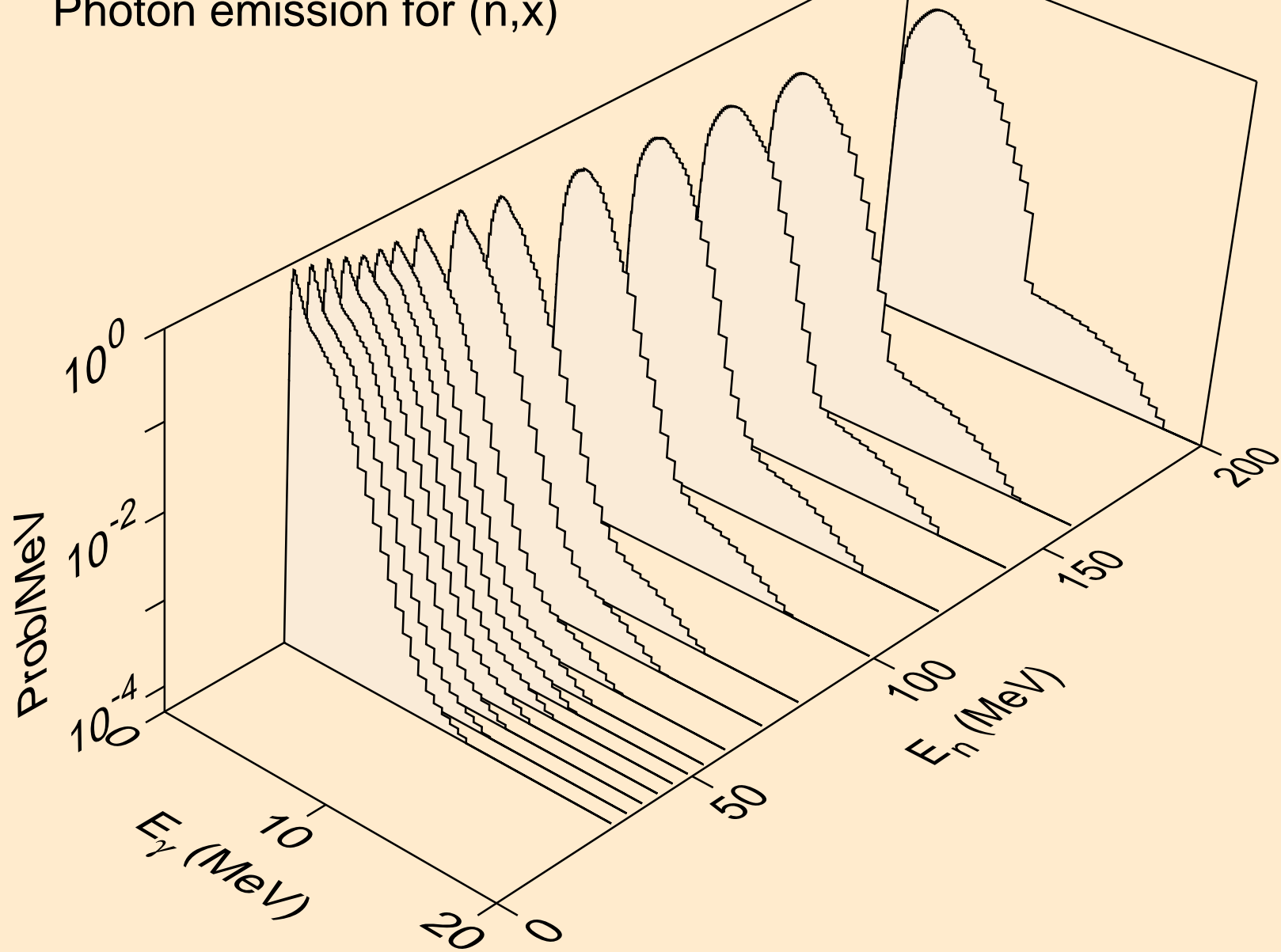
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



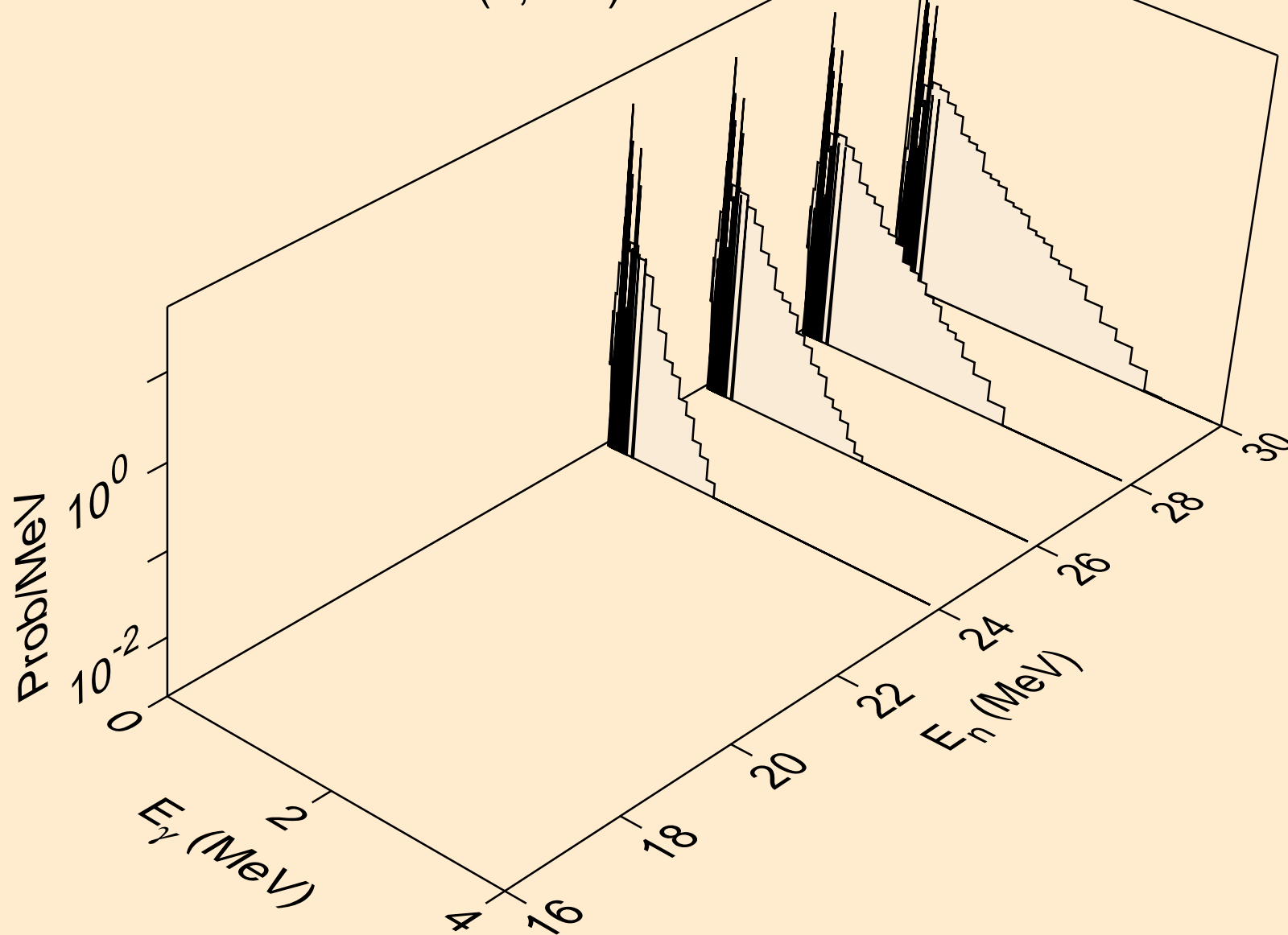
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



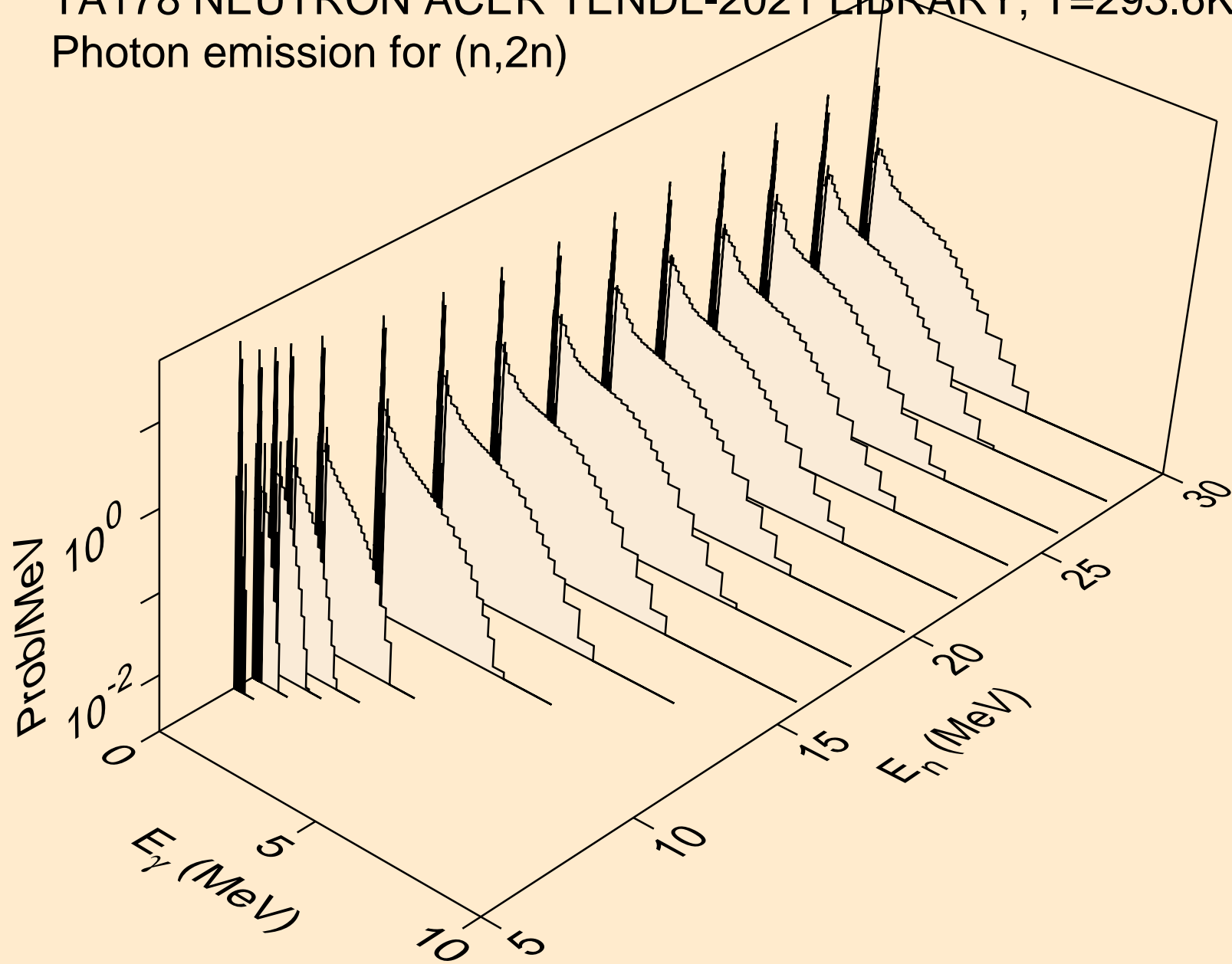
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



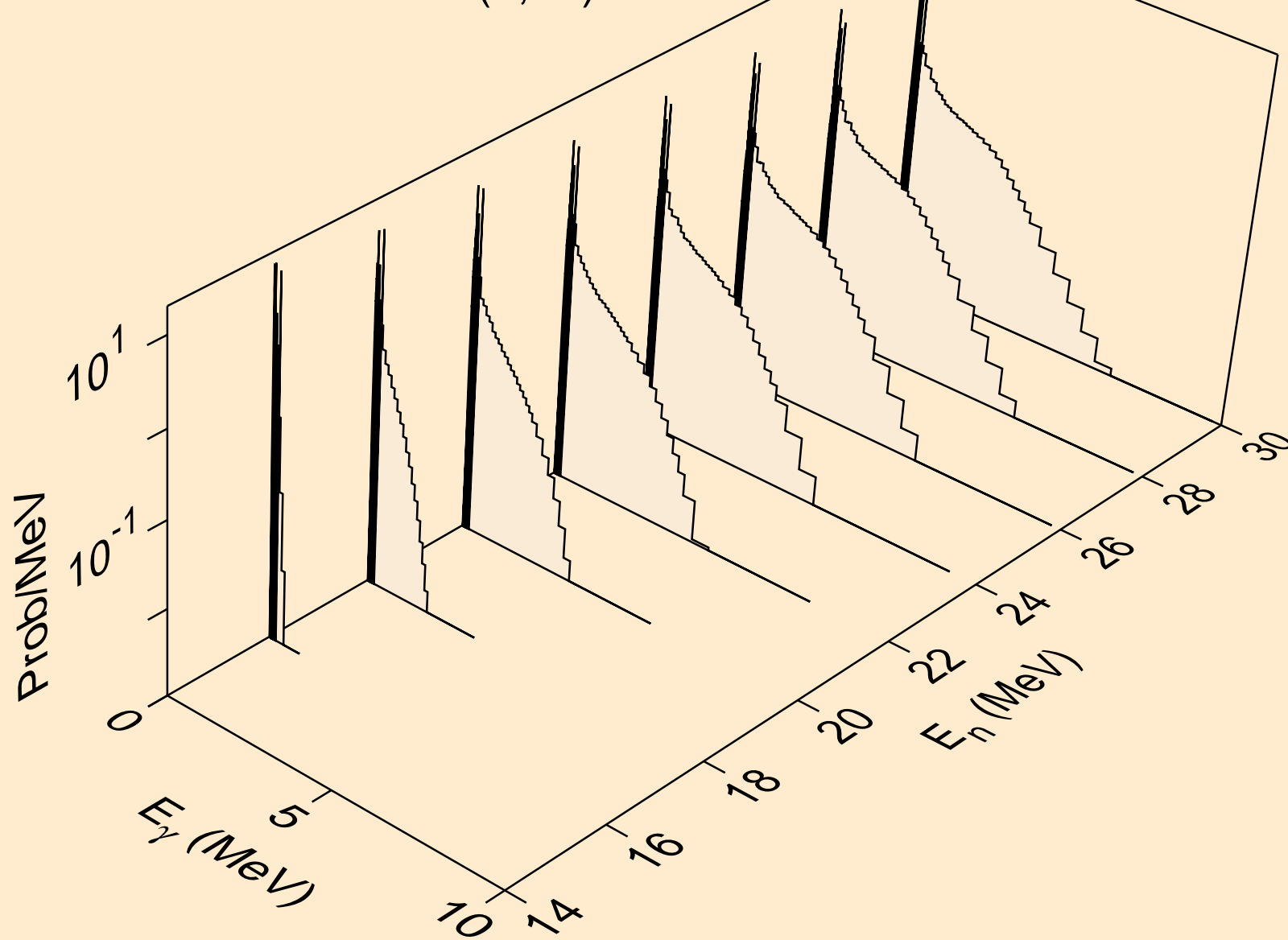
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



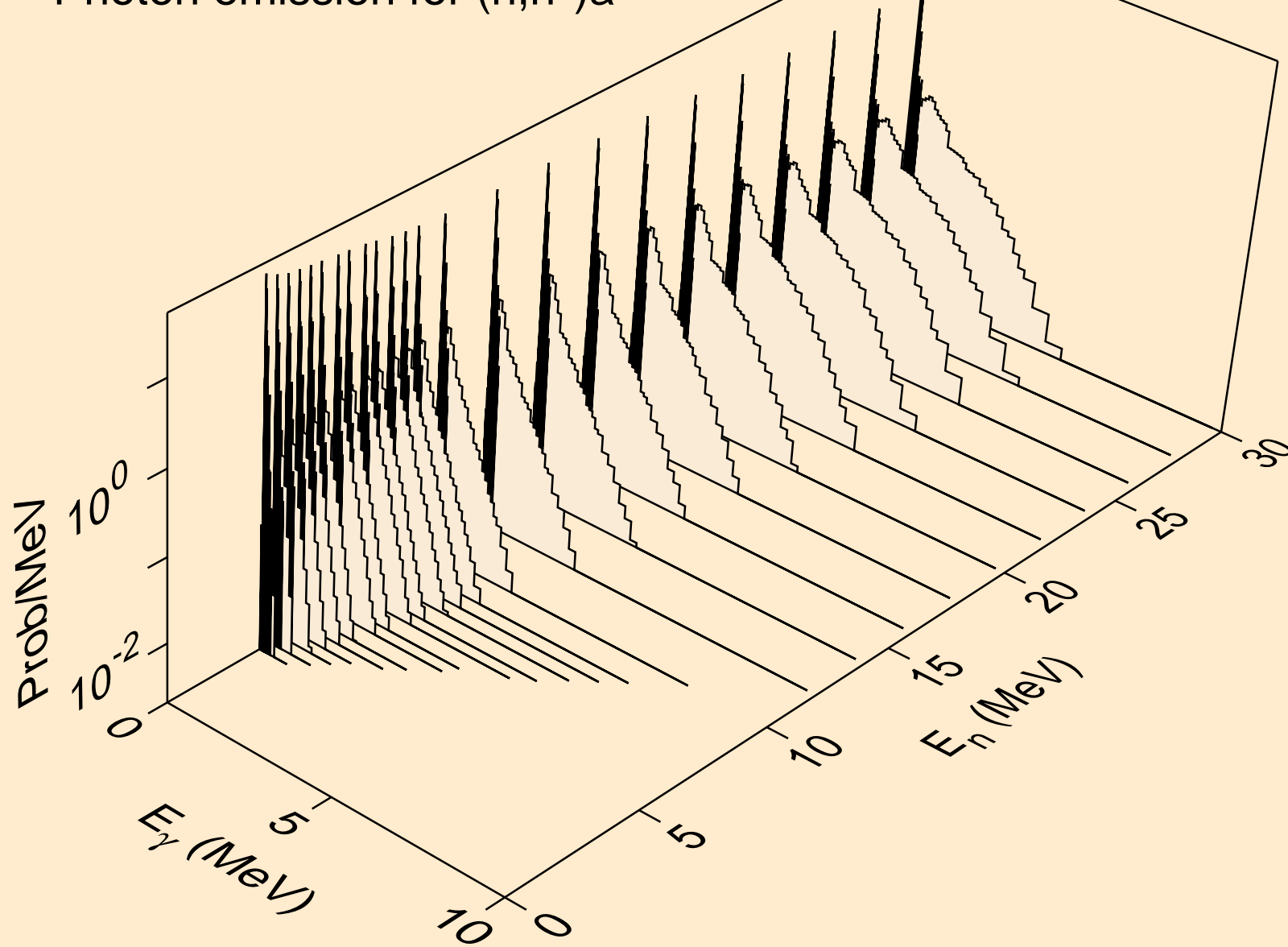
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



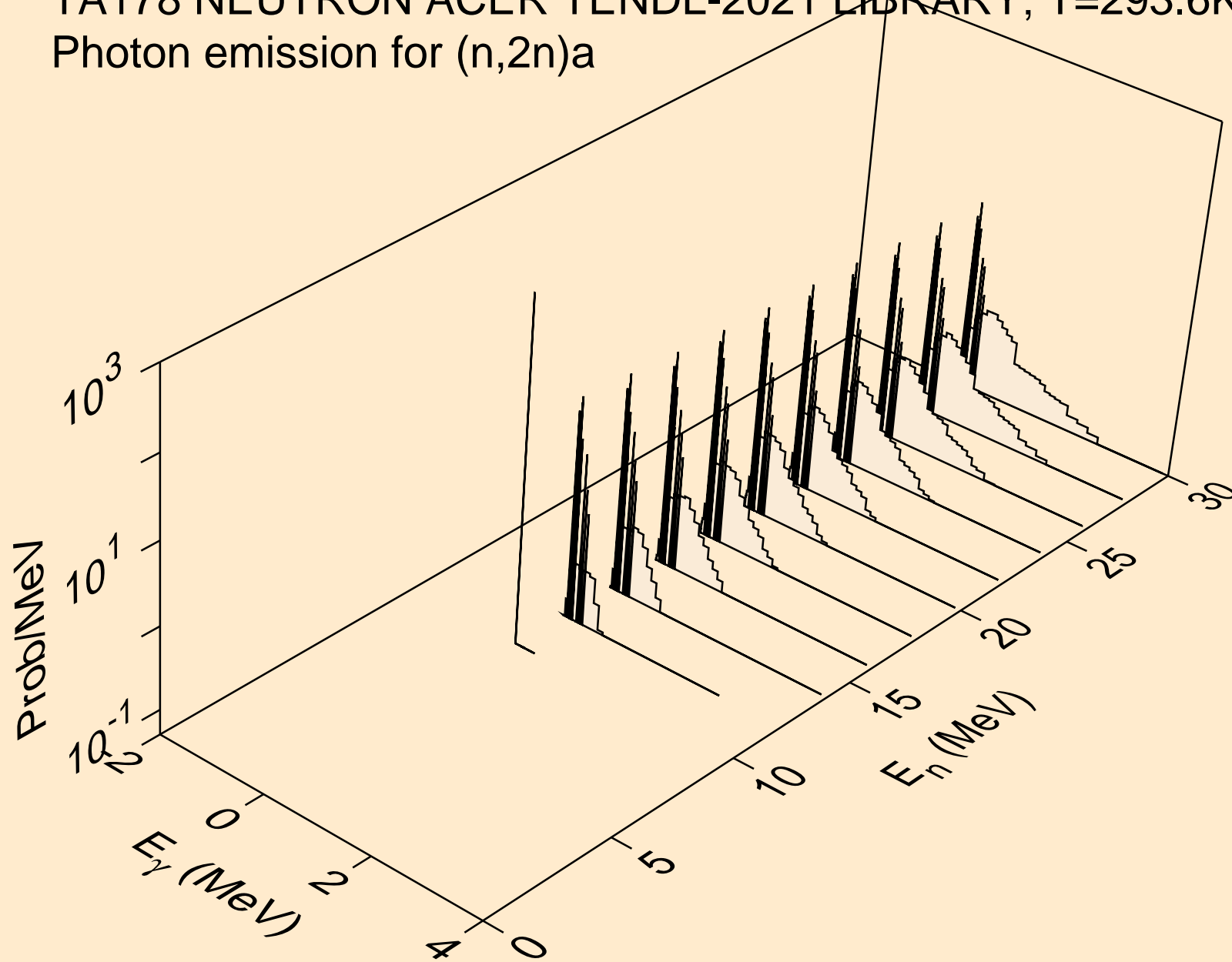
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



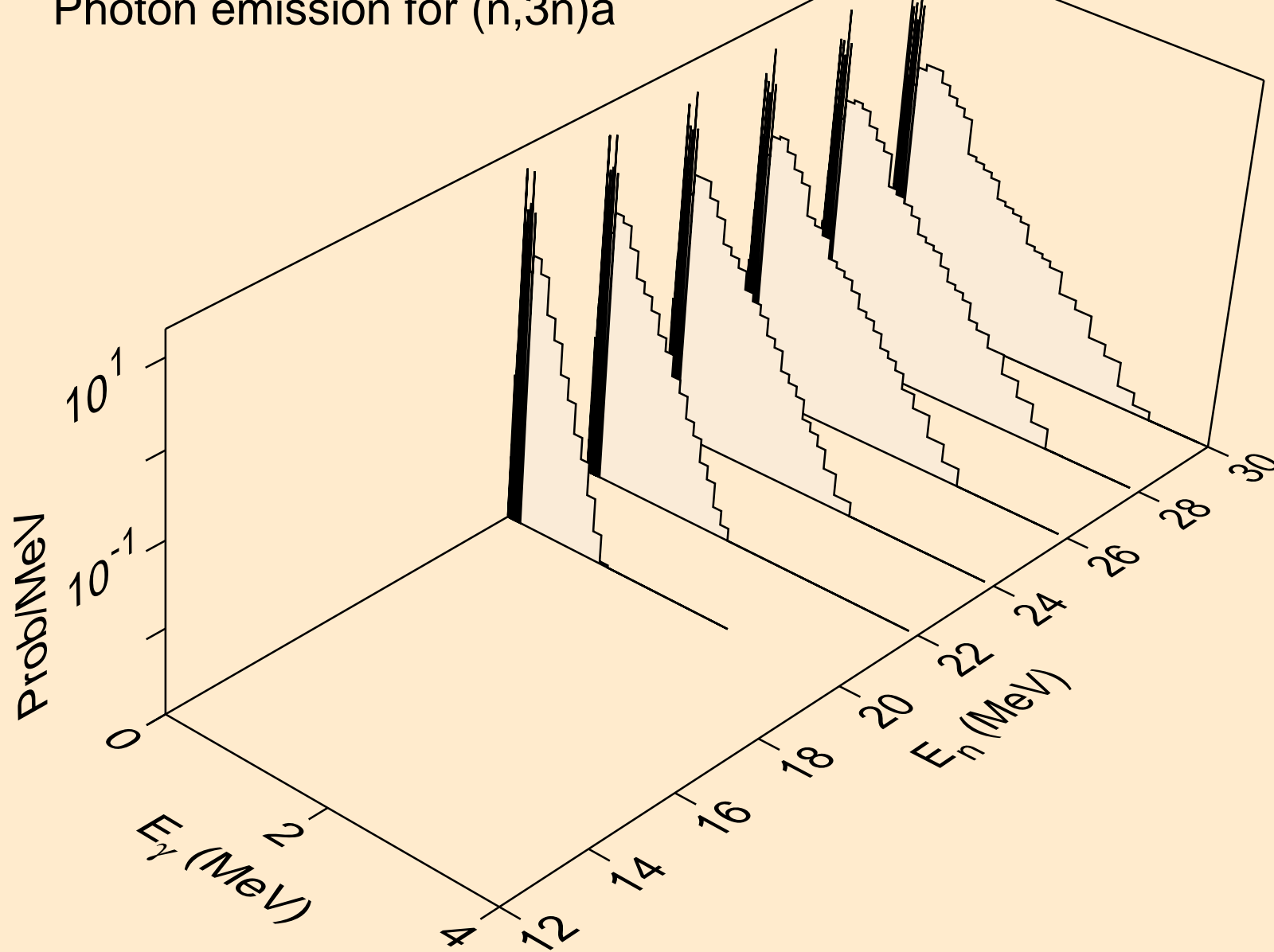
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



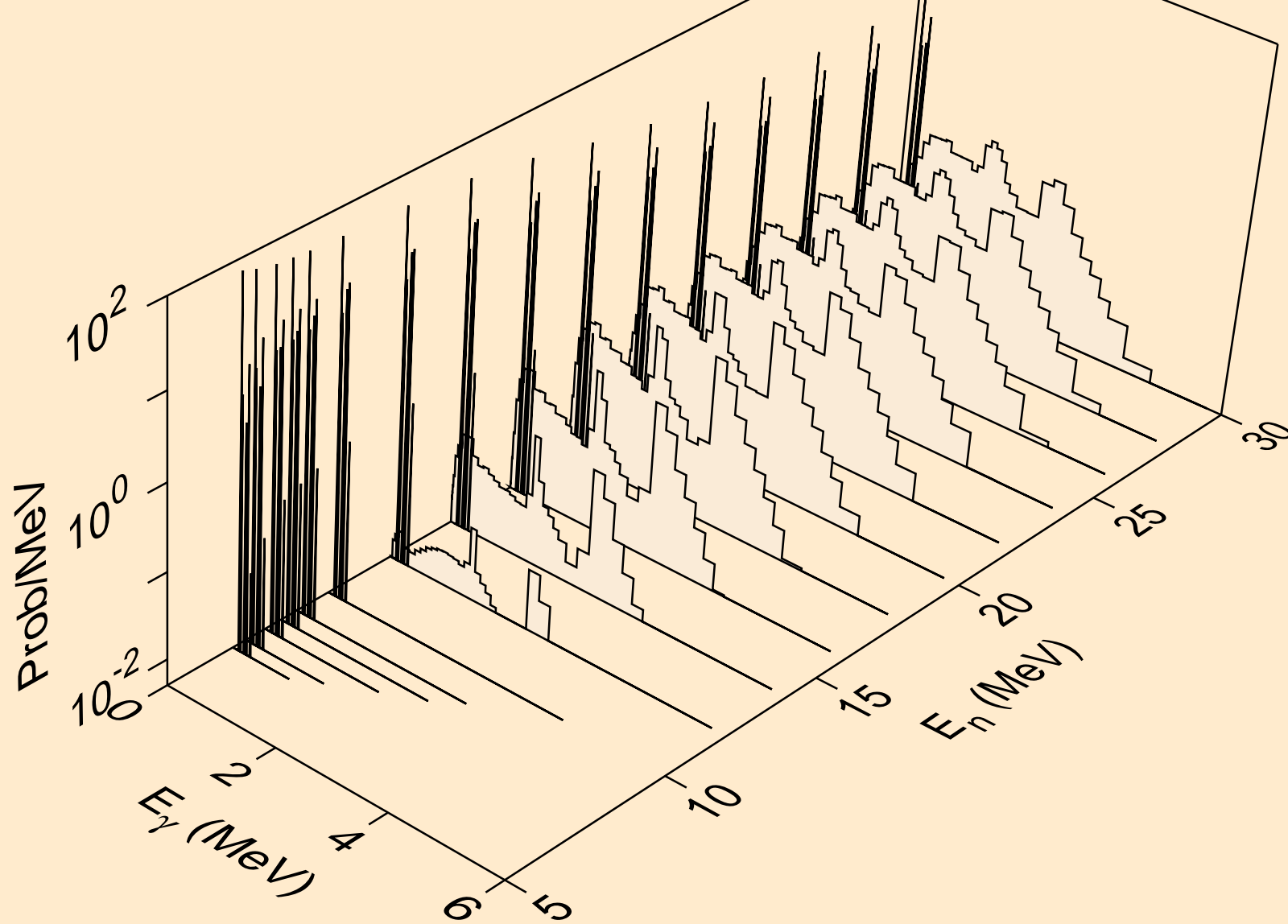
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)a



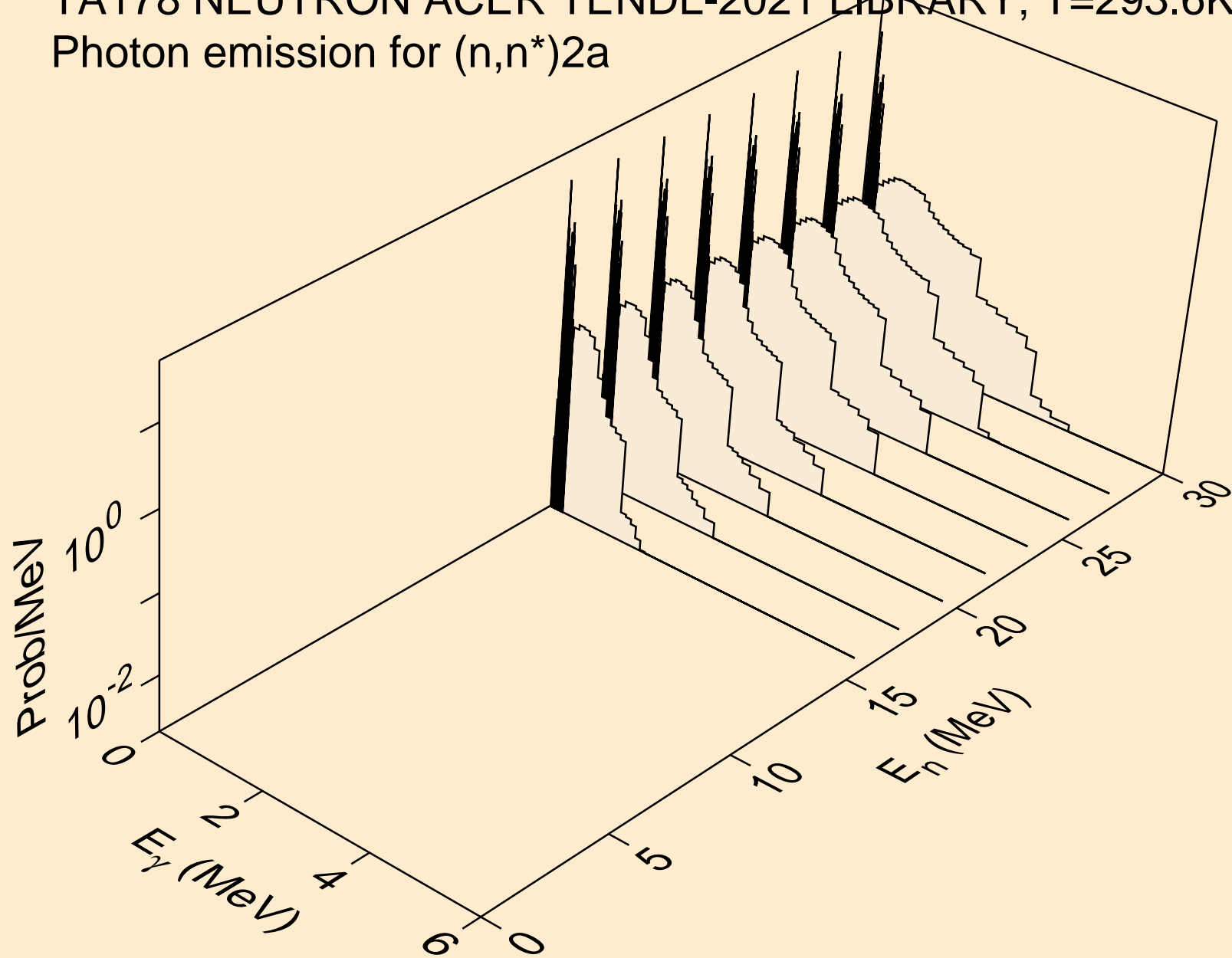
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)a



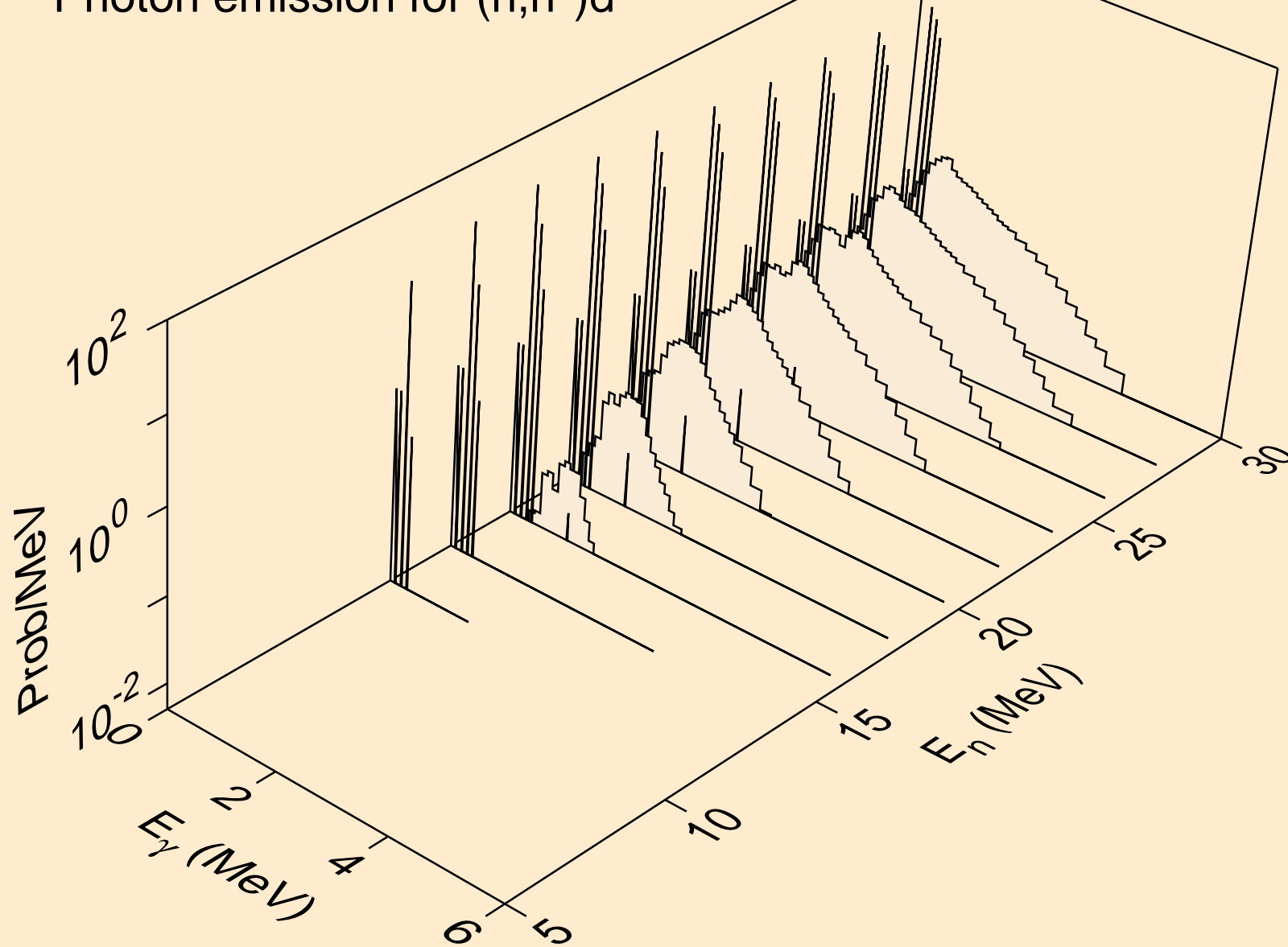
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



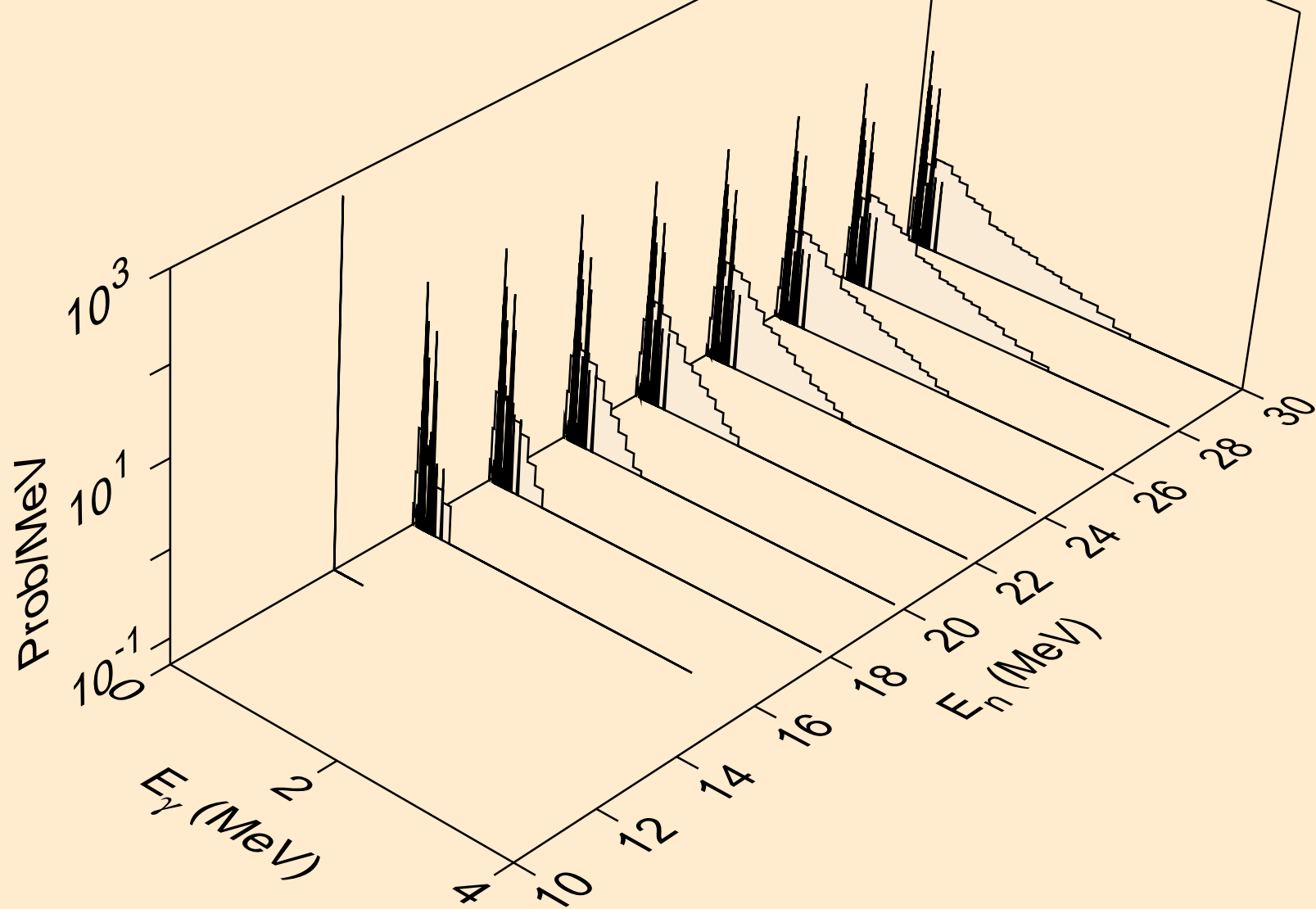
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



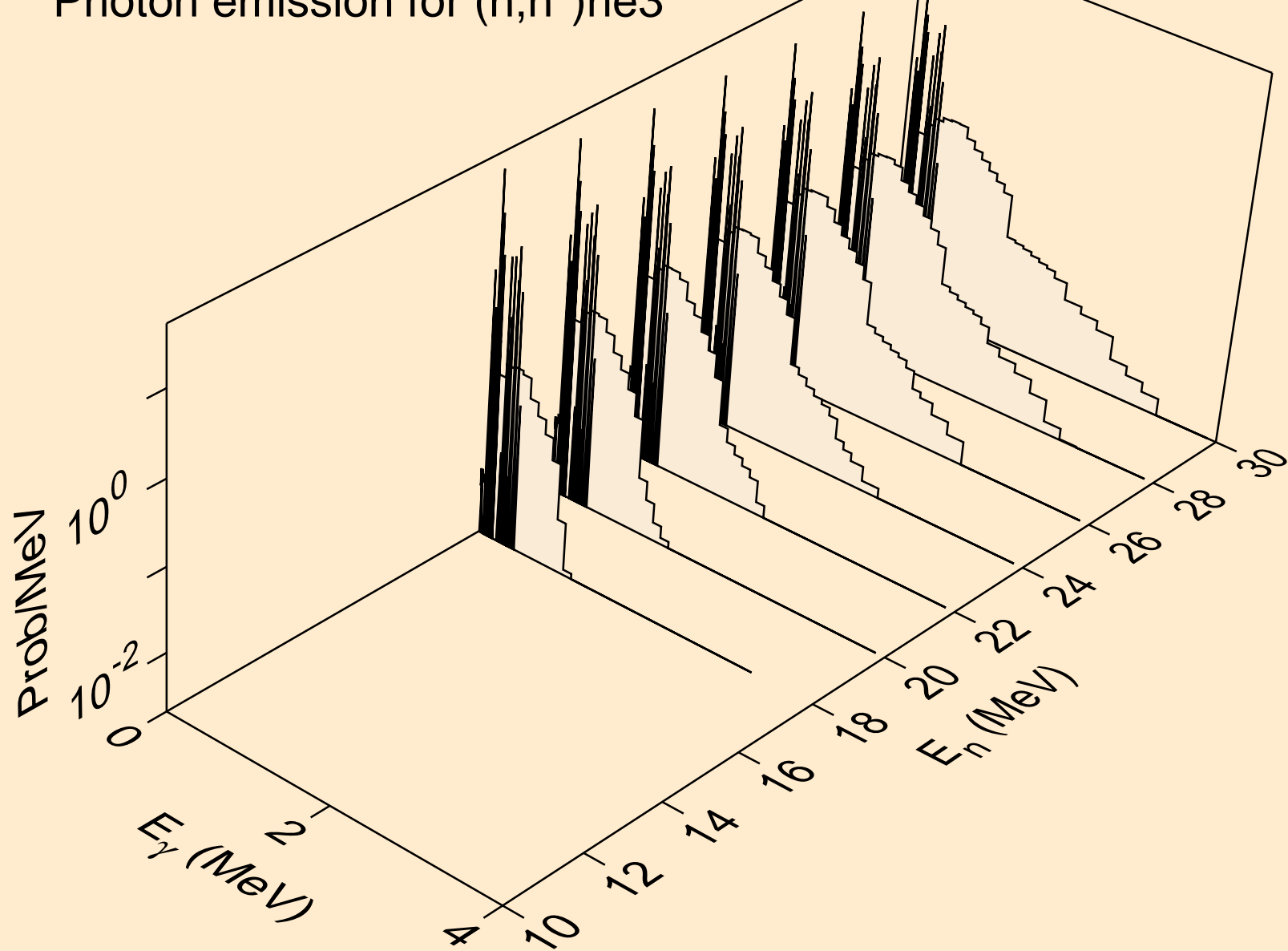
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



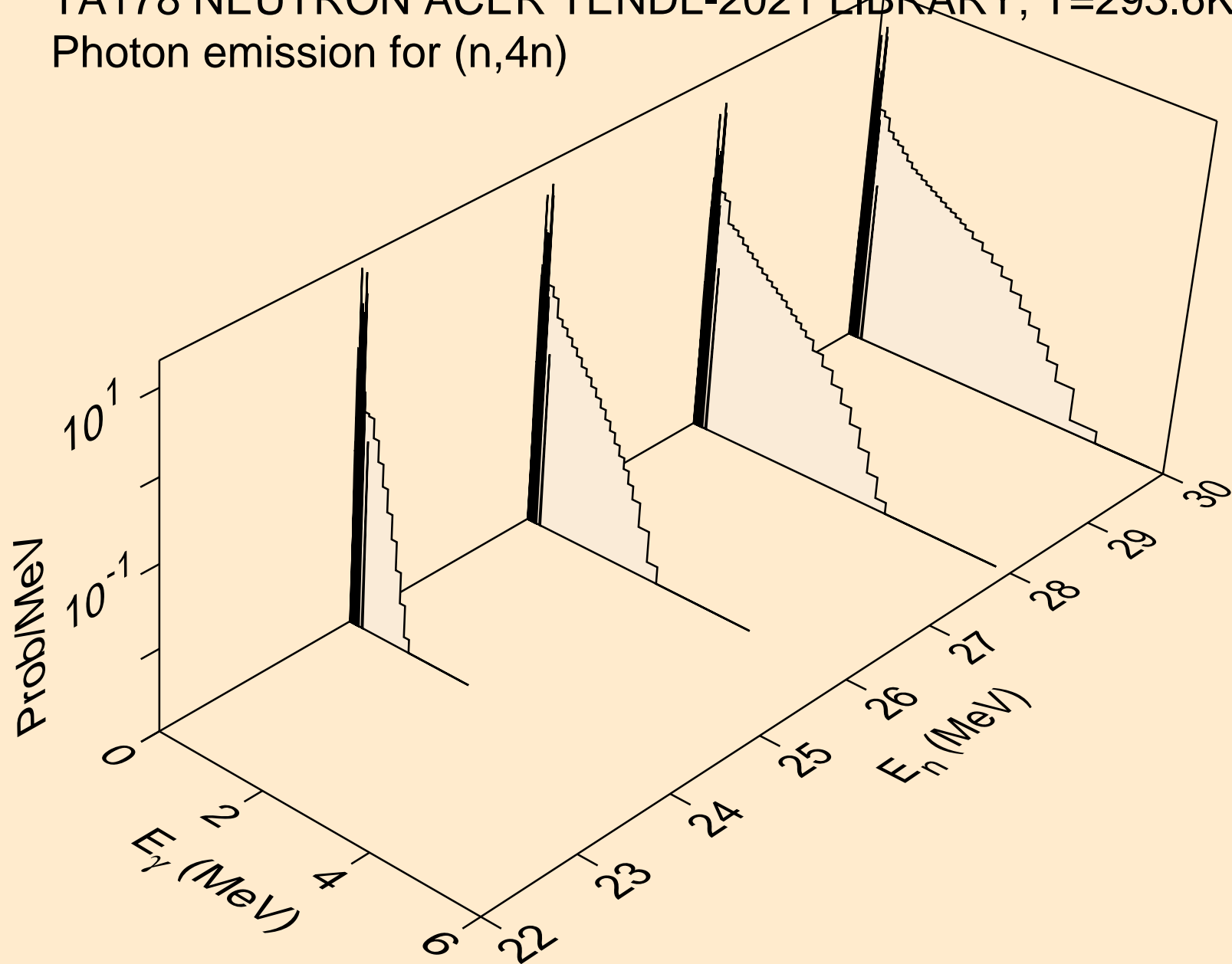
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



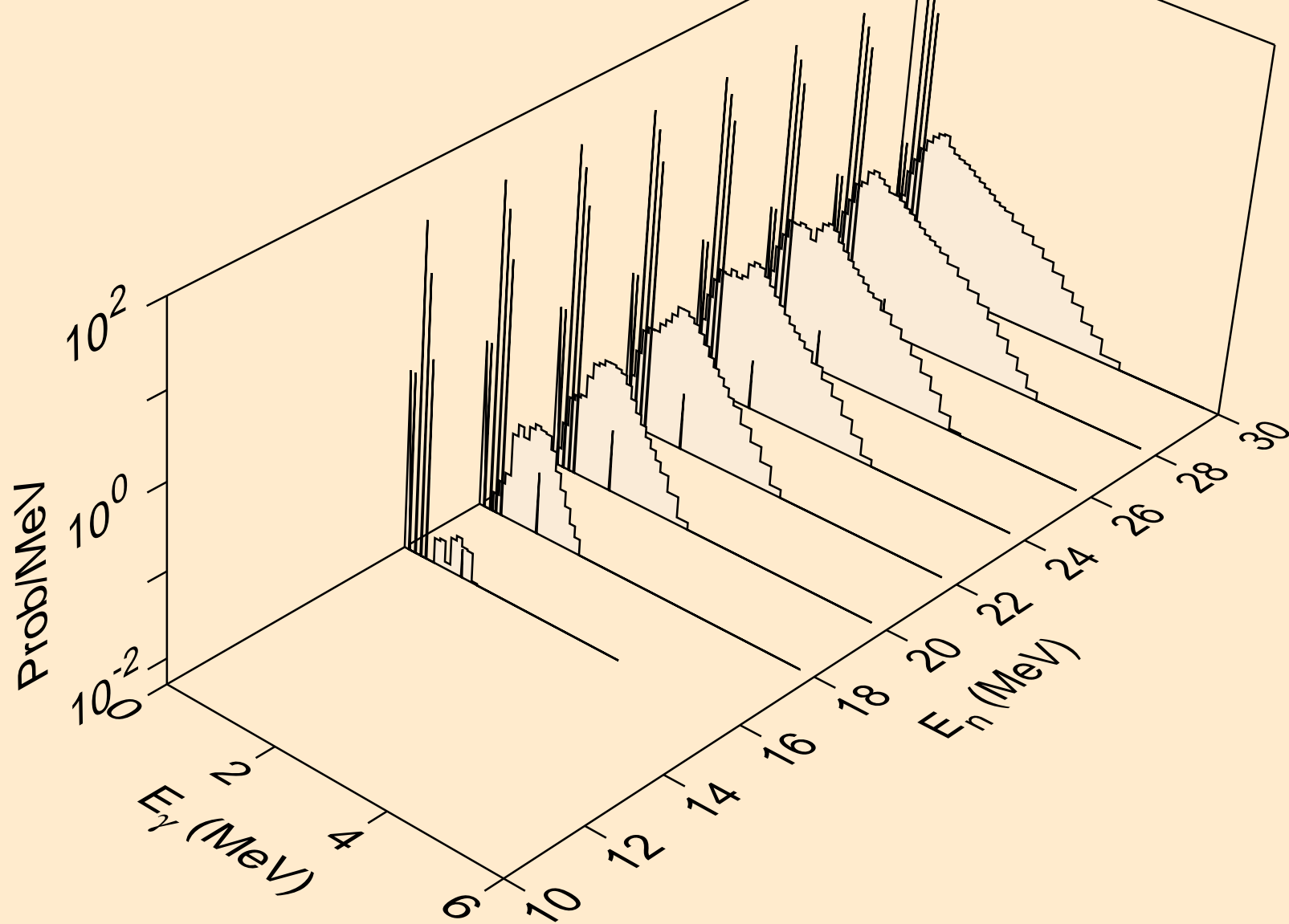
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



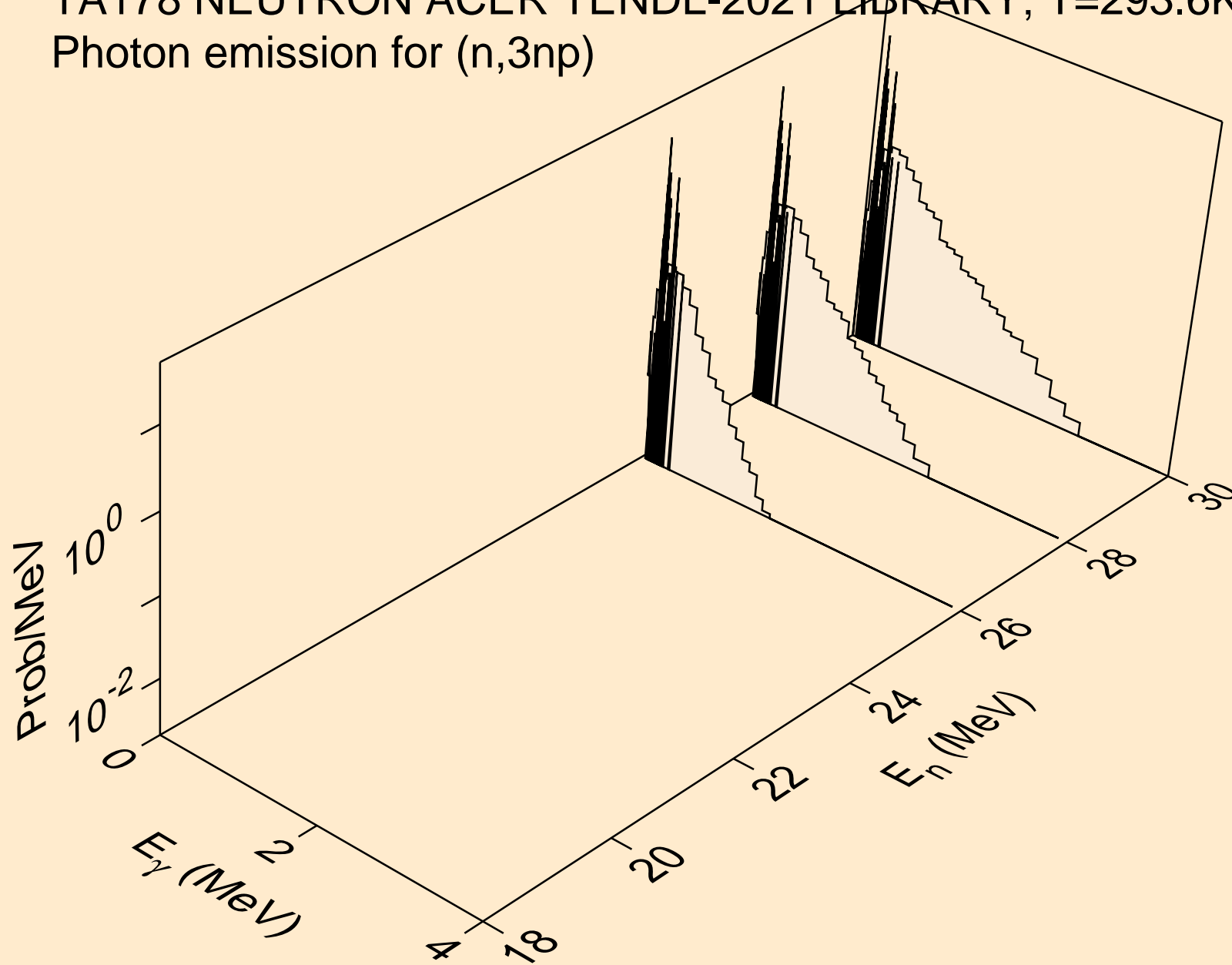
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



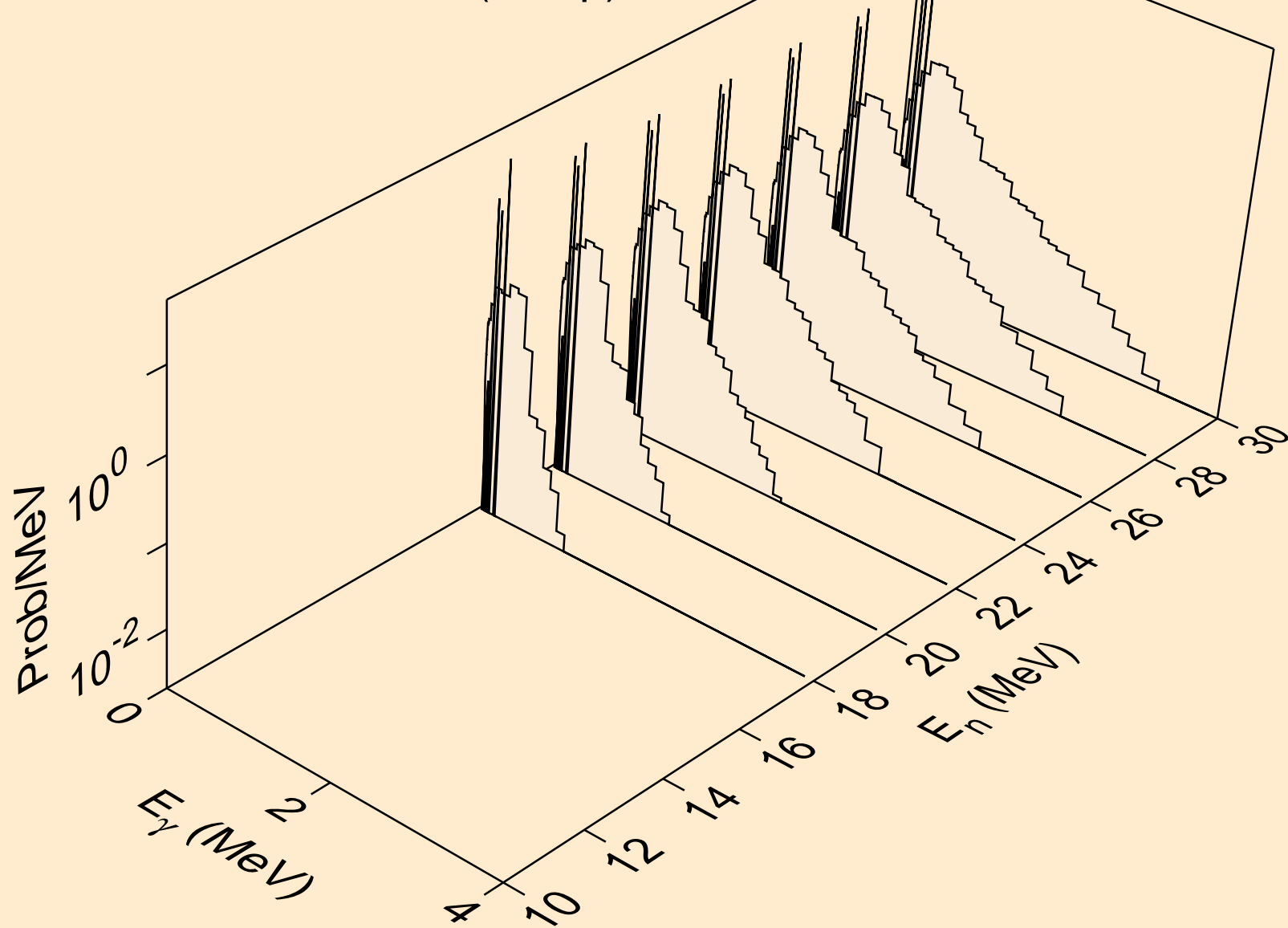
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



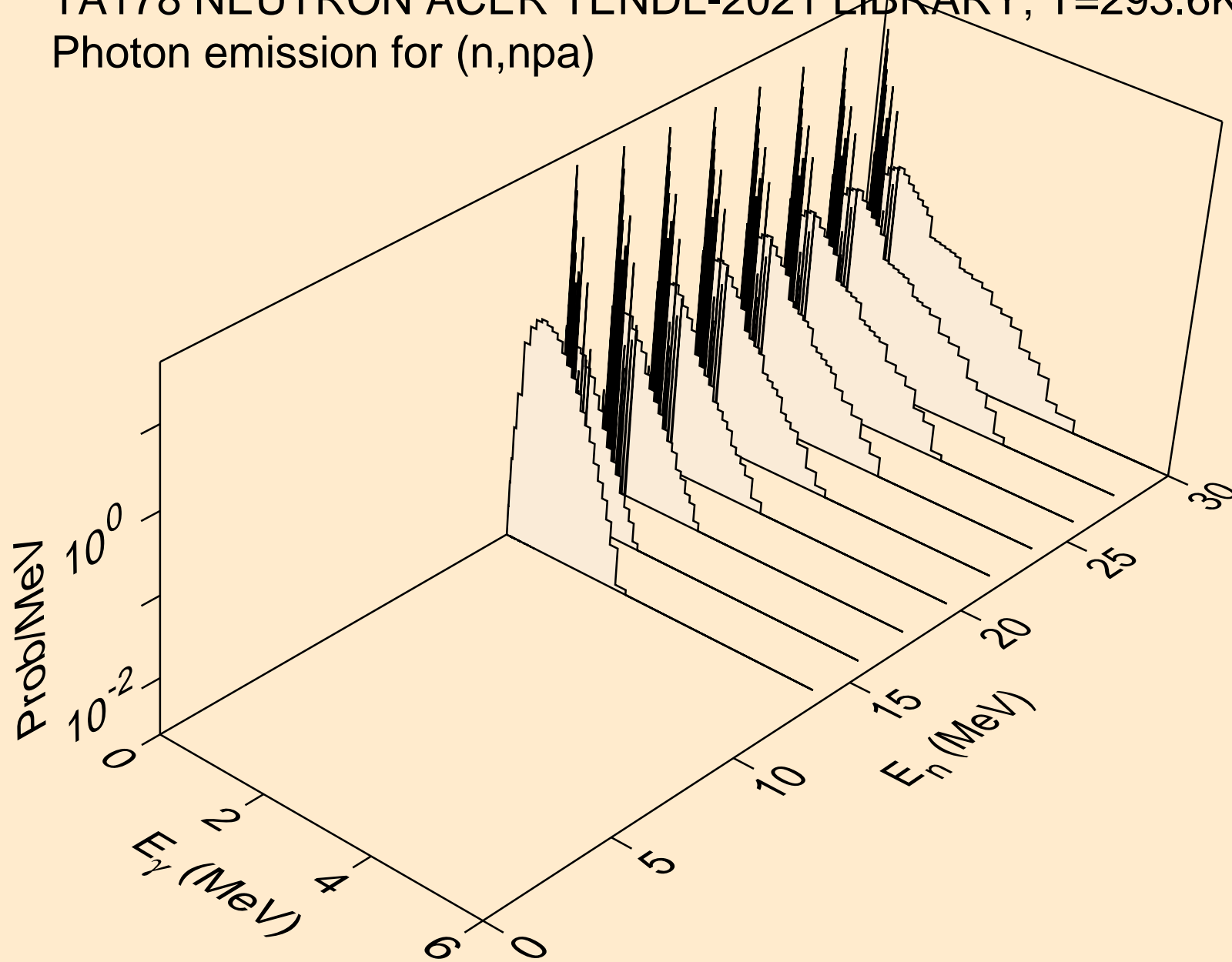
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



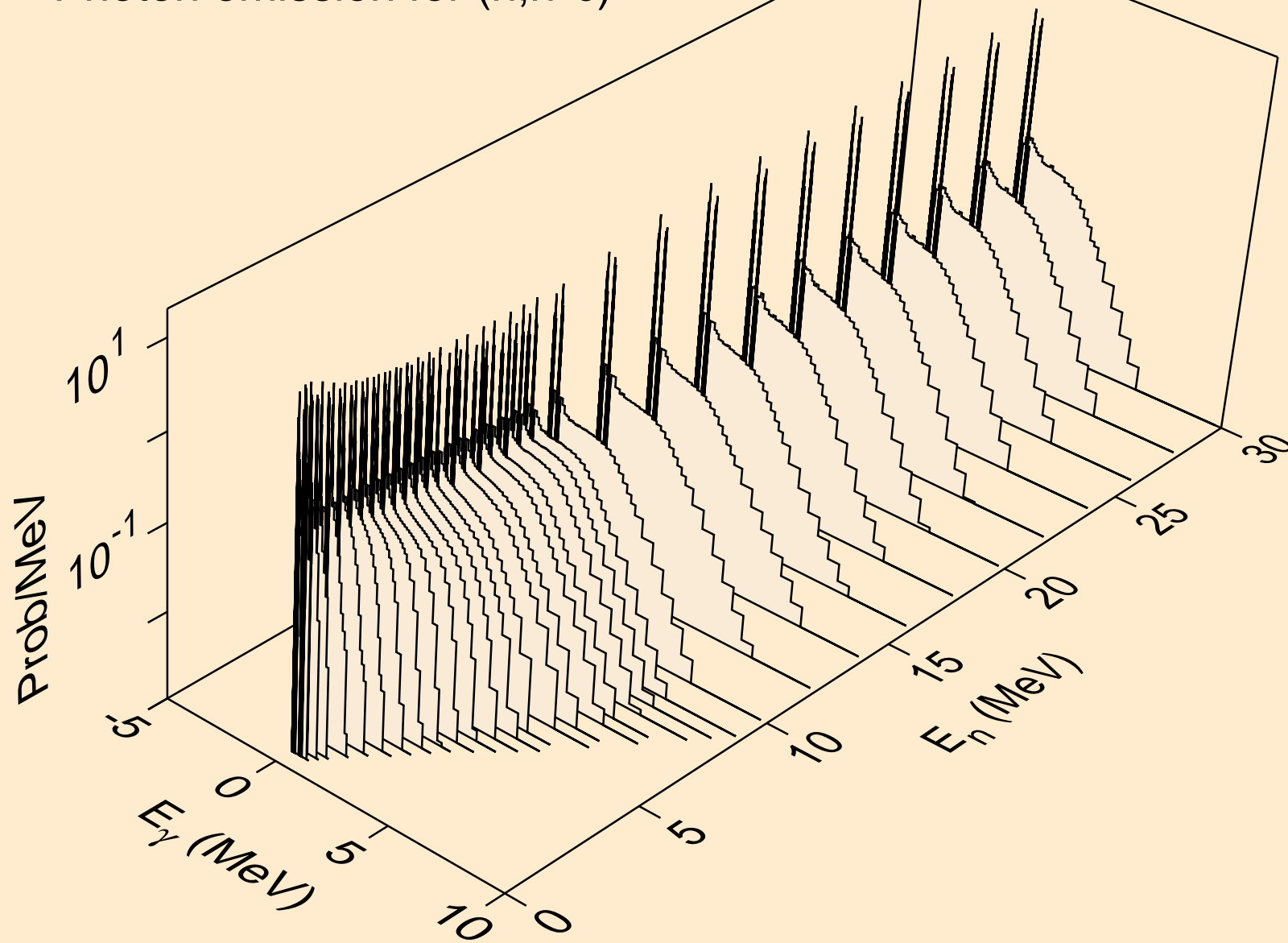
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



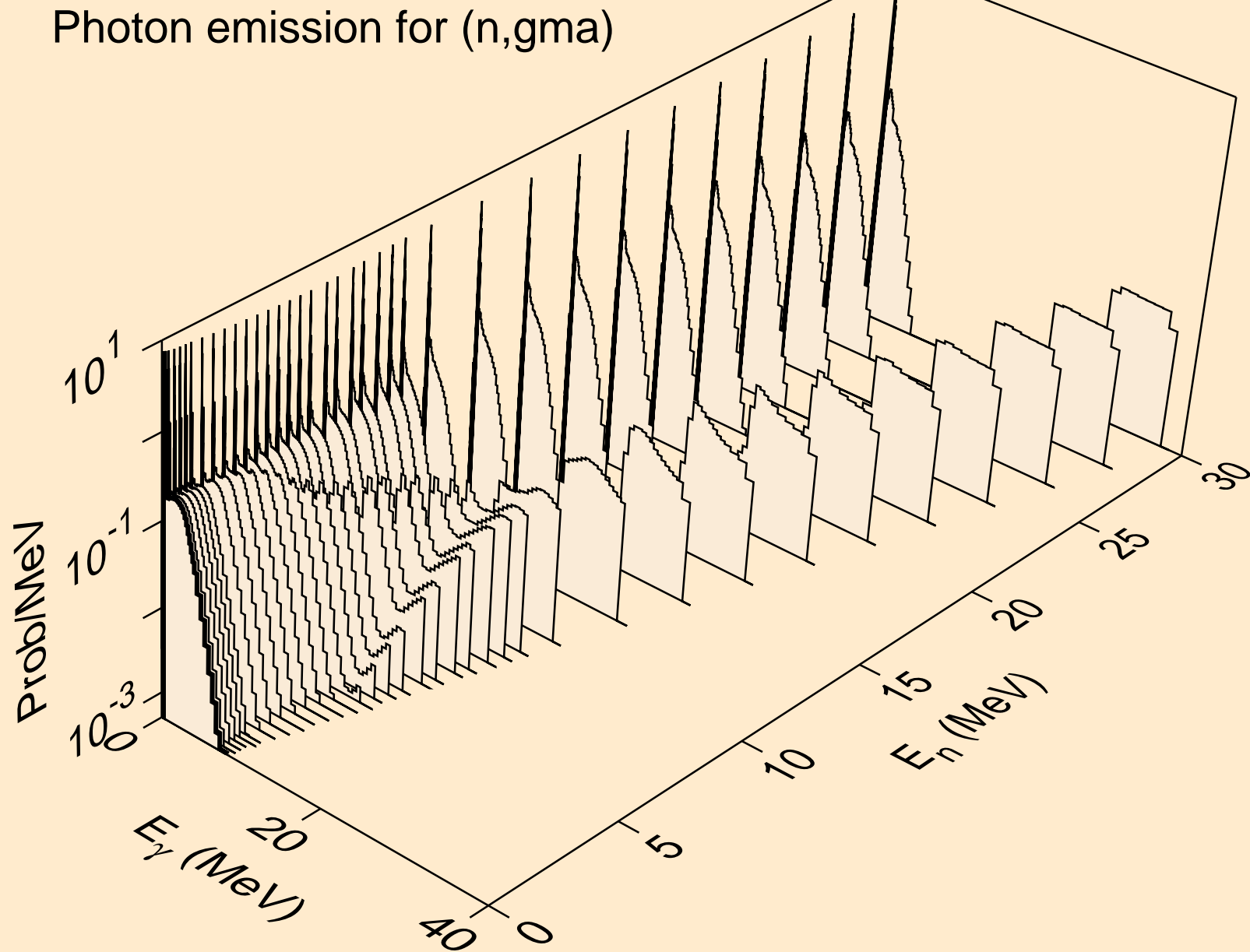
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



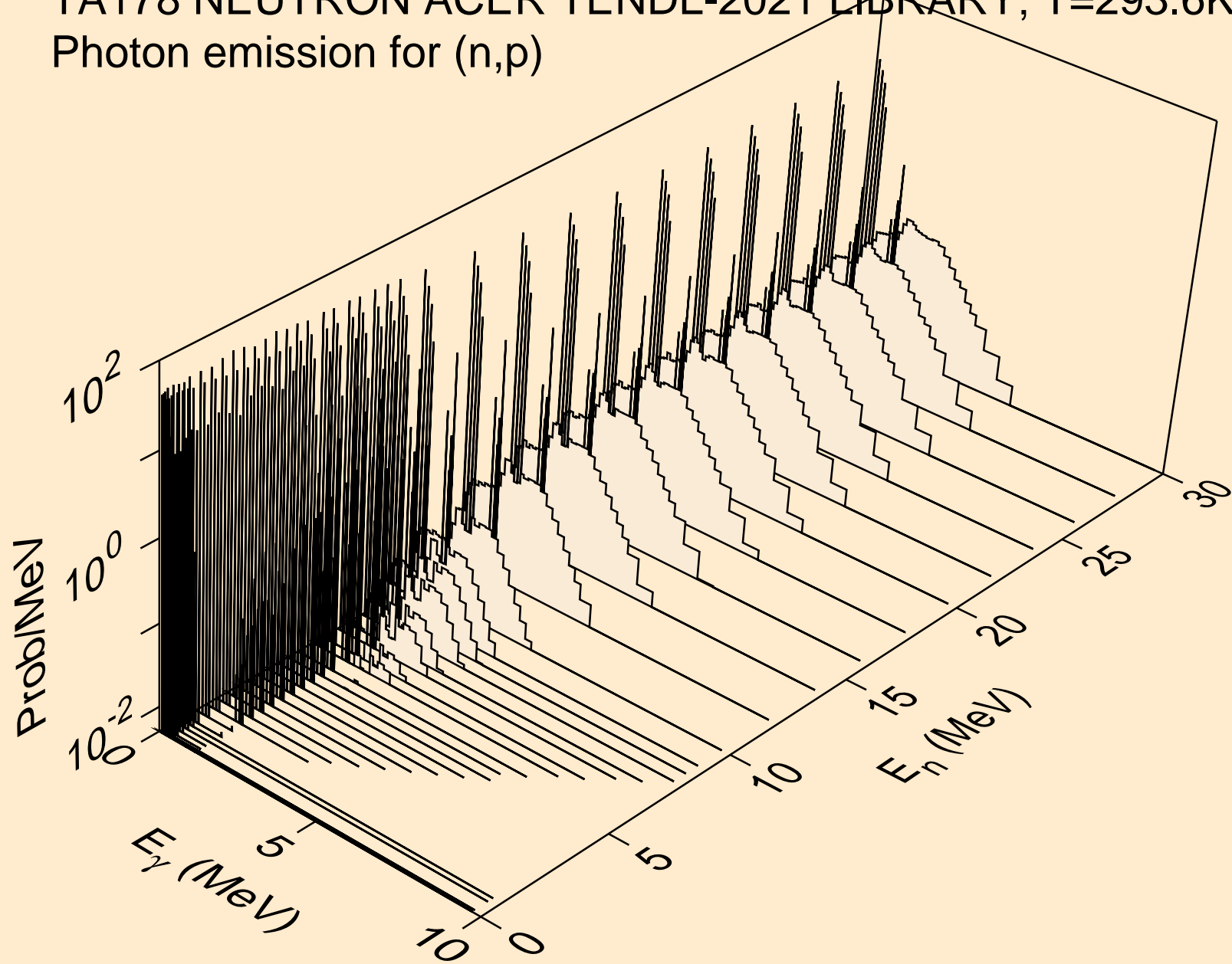
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



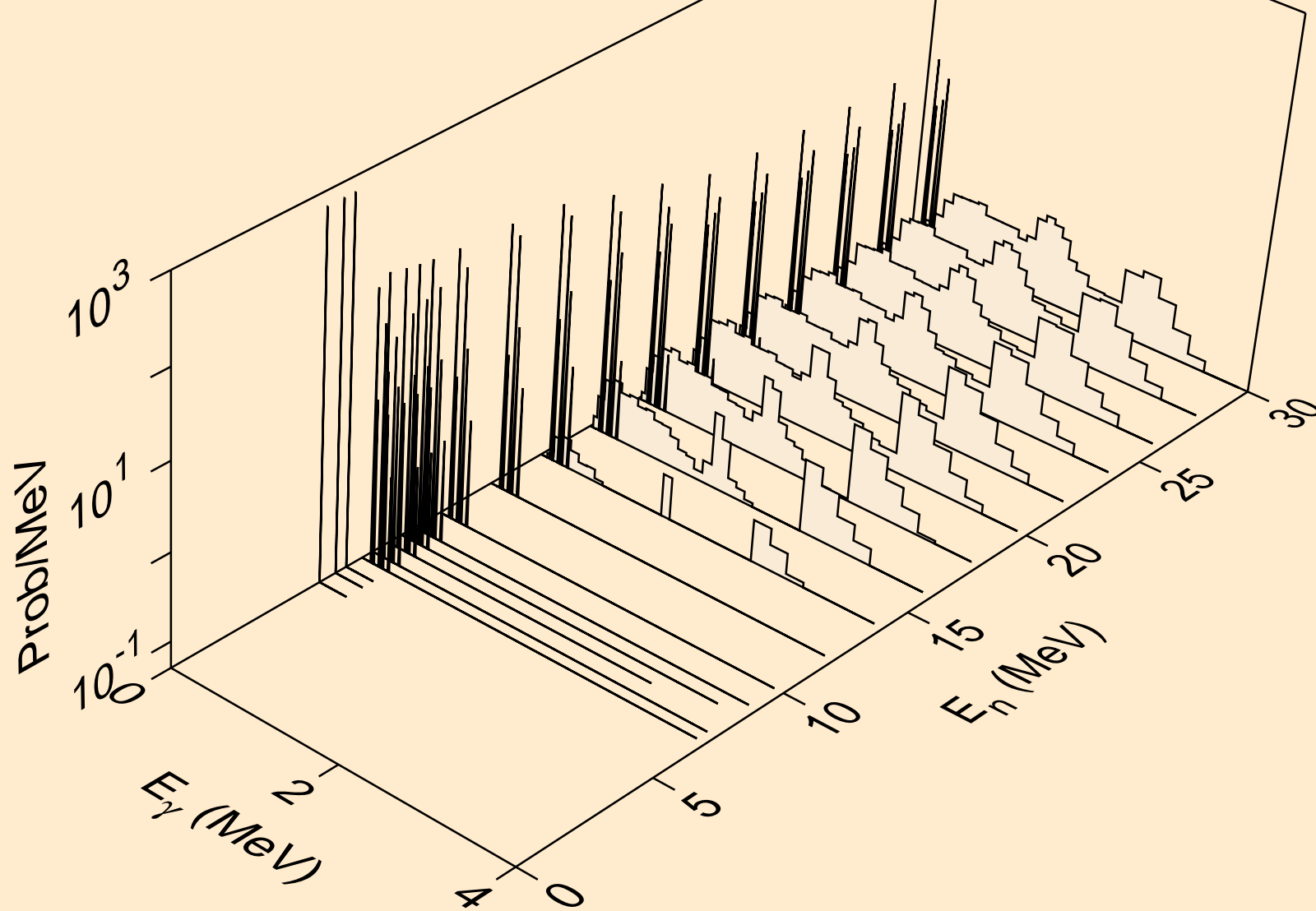
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



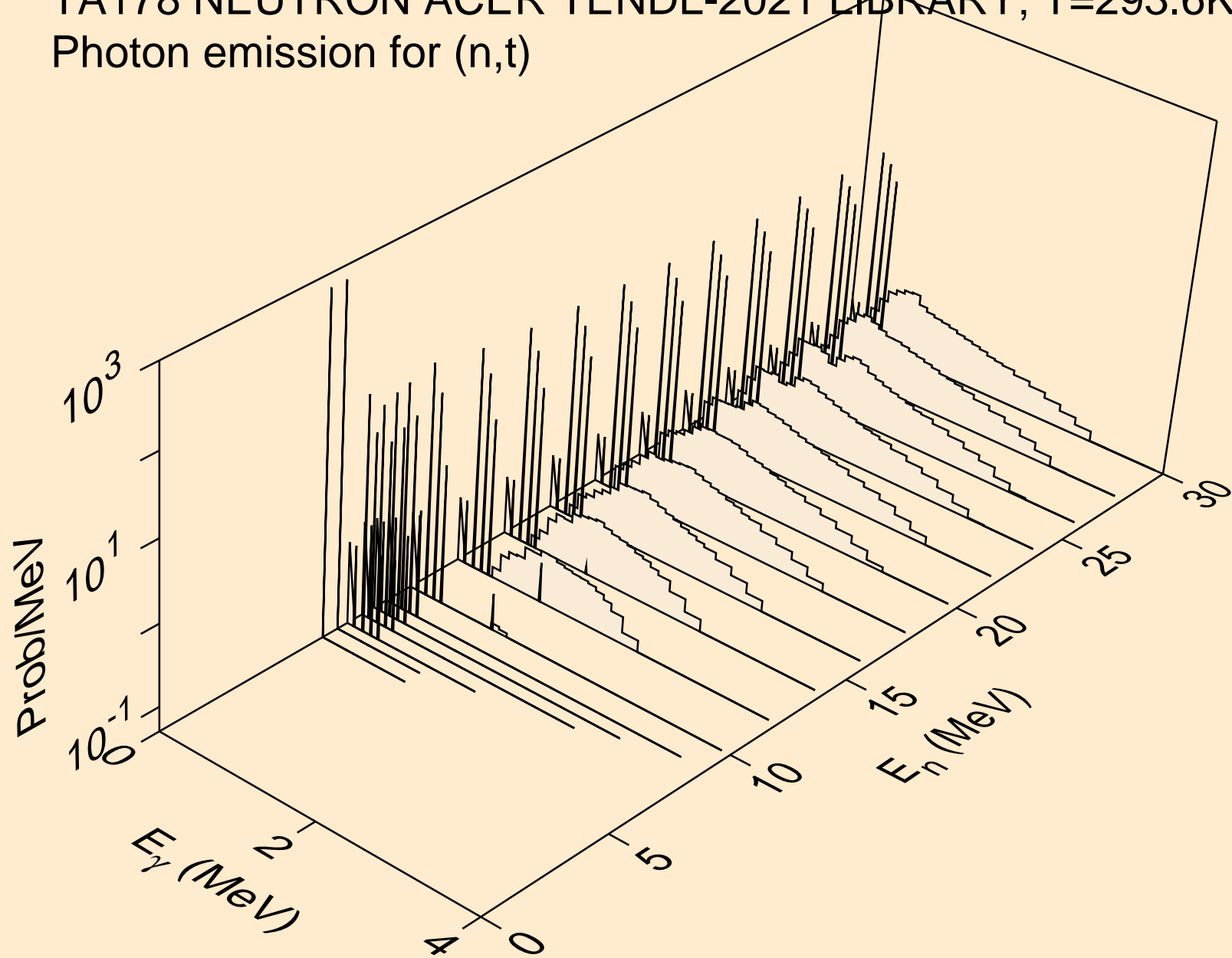
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



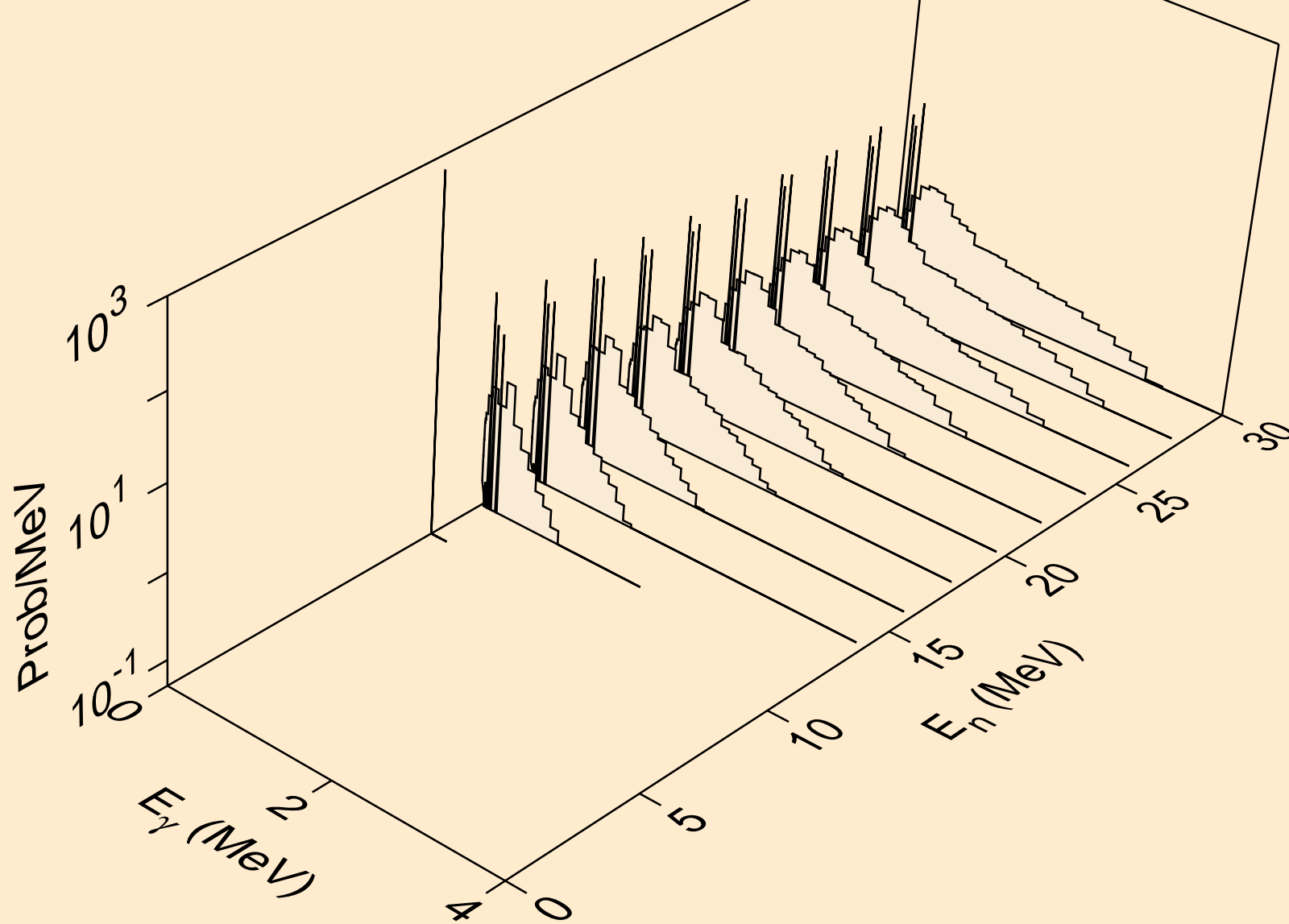
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



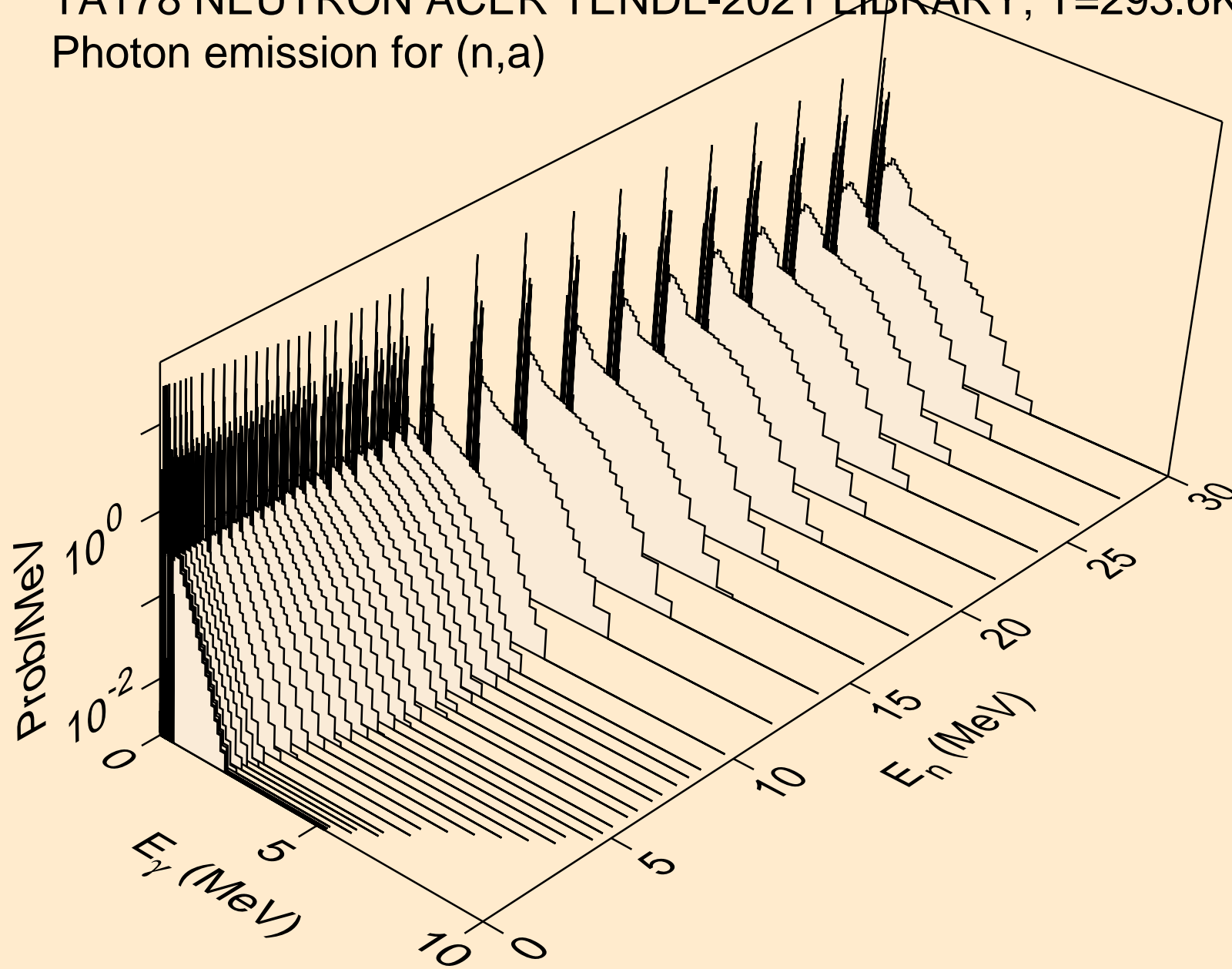
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



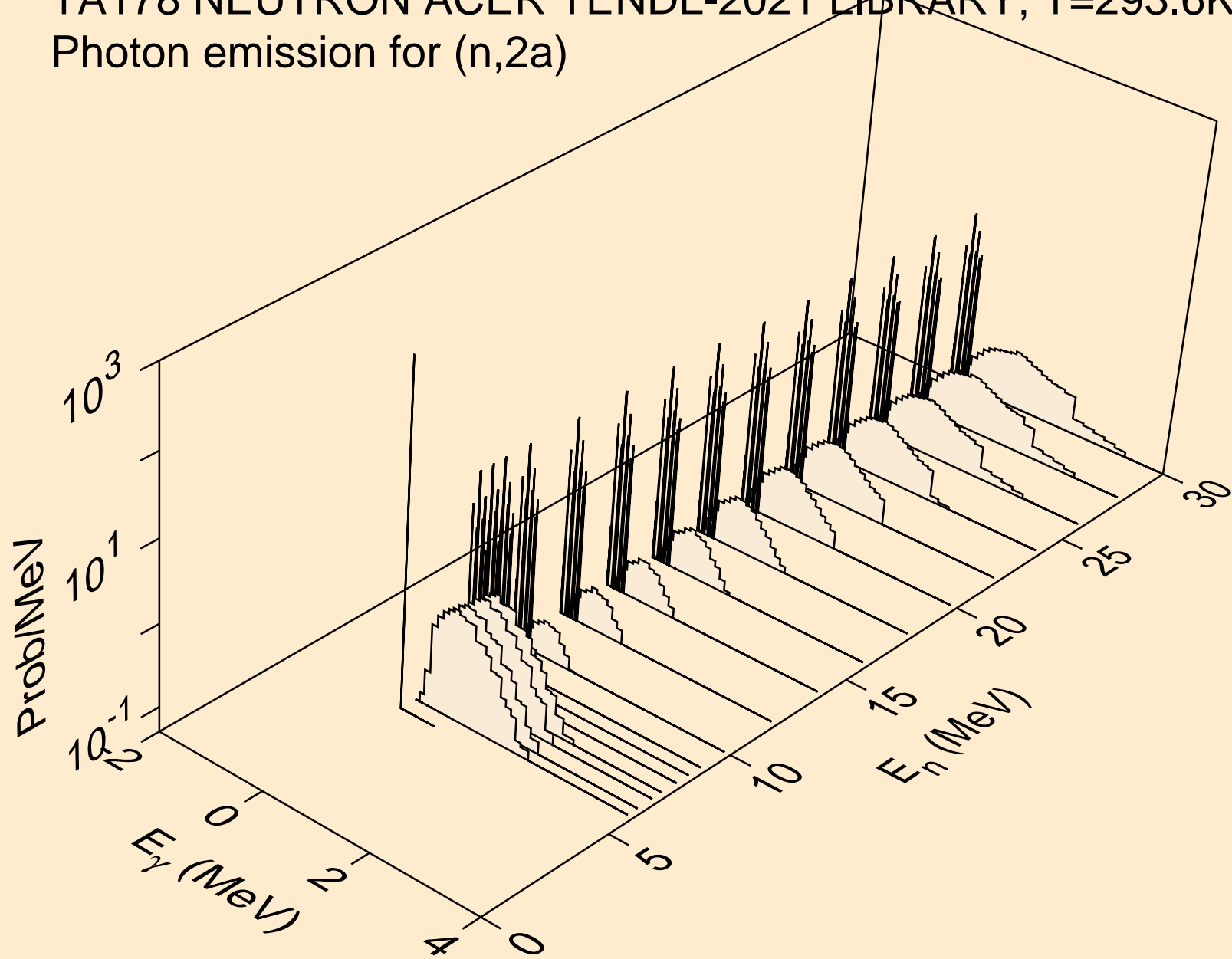
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



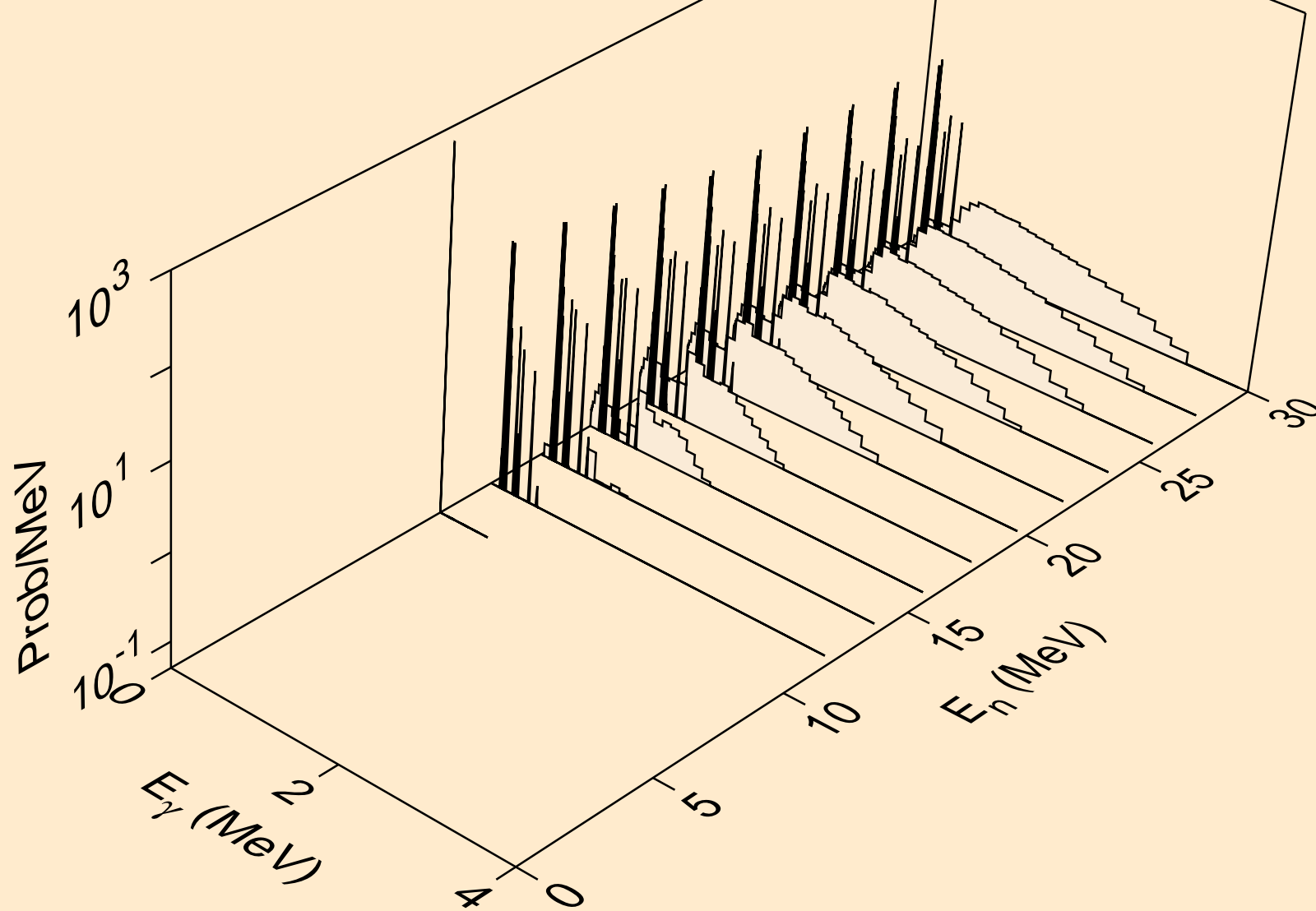
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



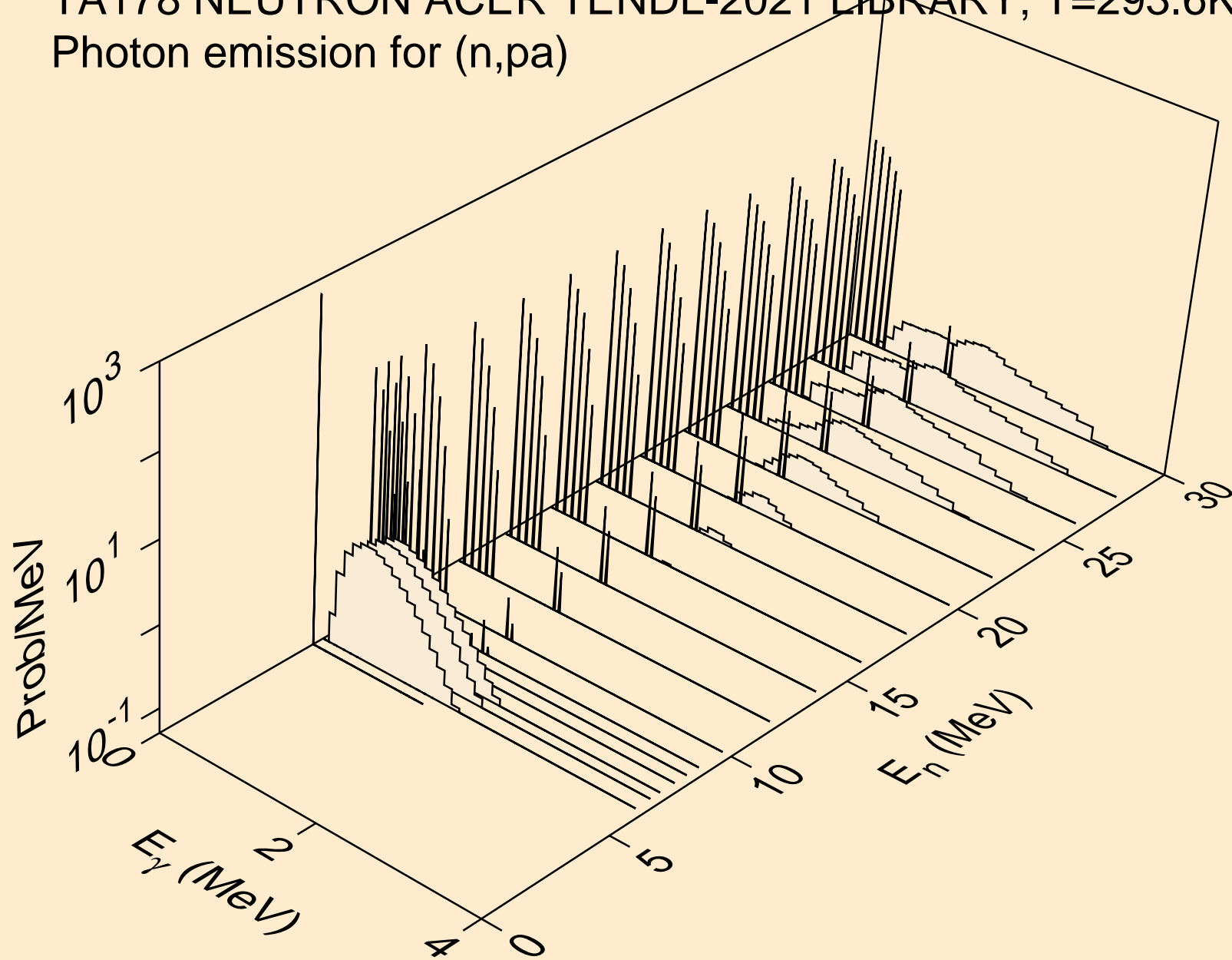
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



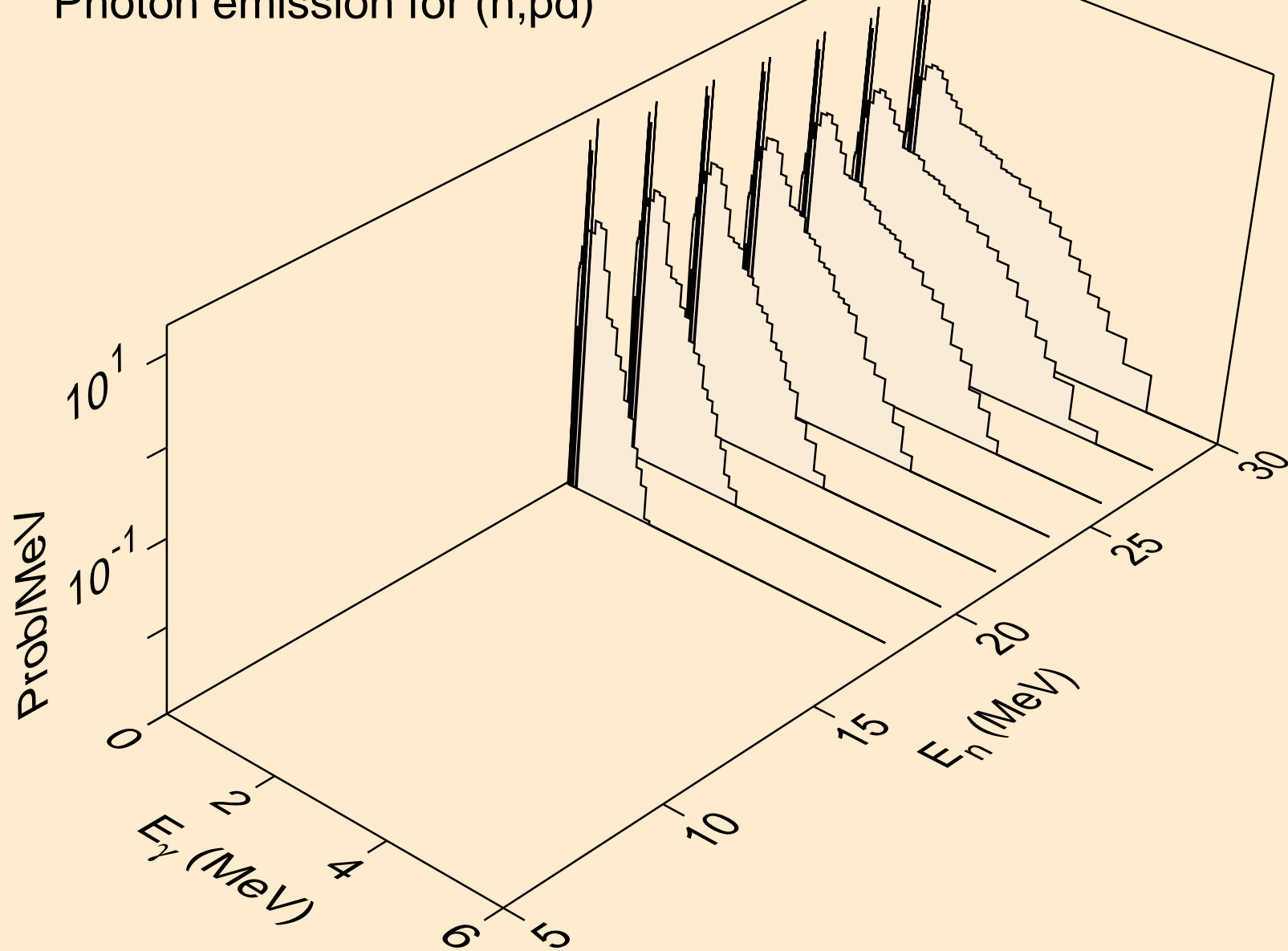
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Photon emission for (n,2p)



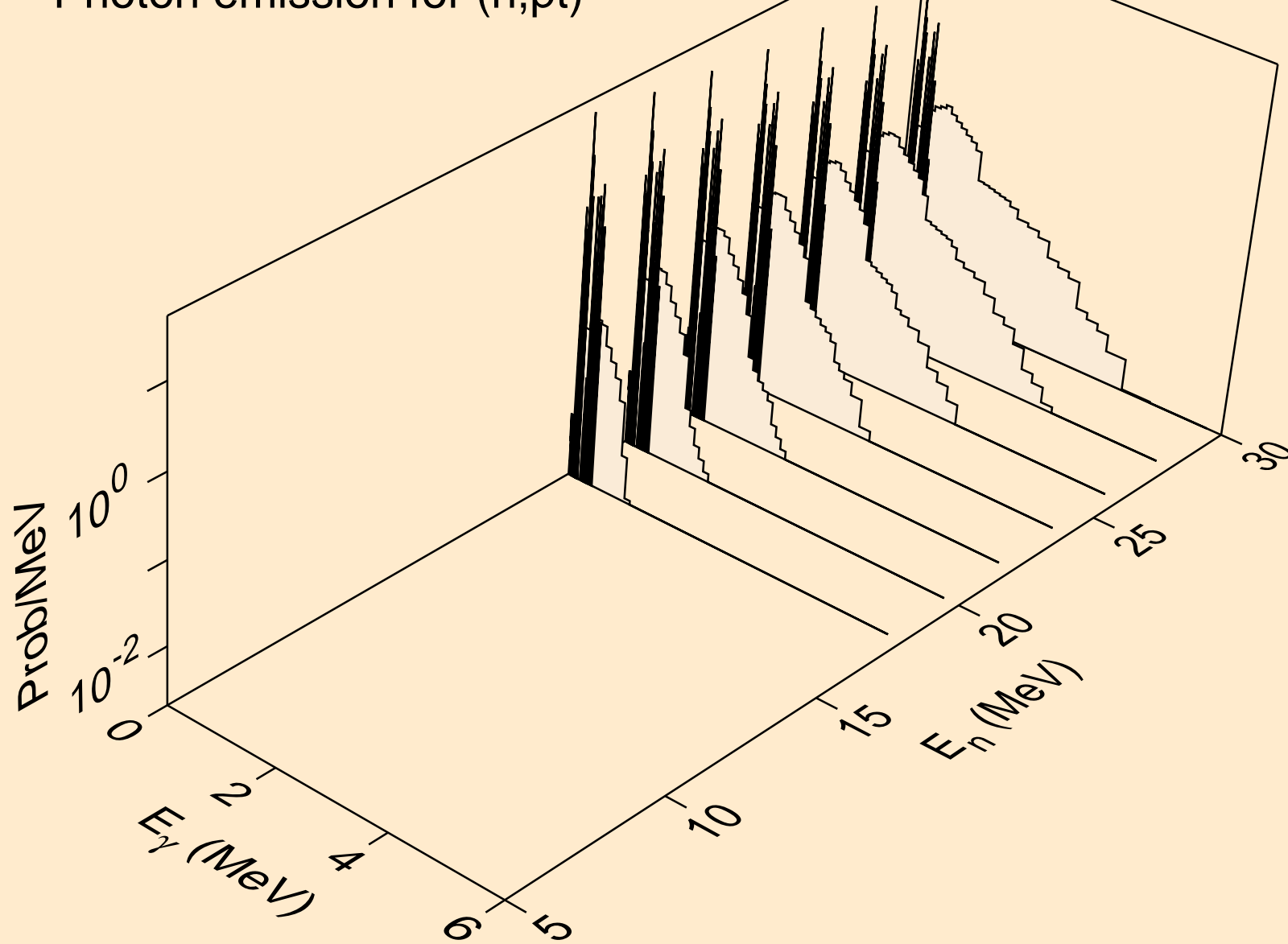
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p α)



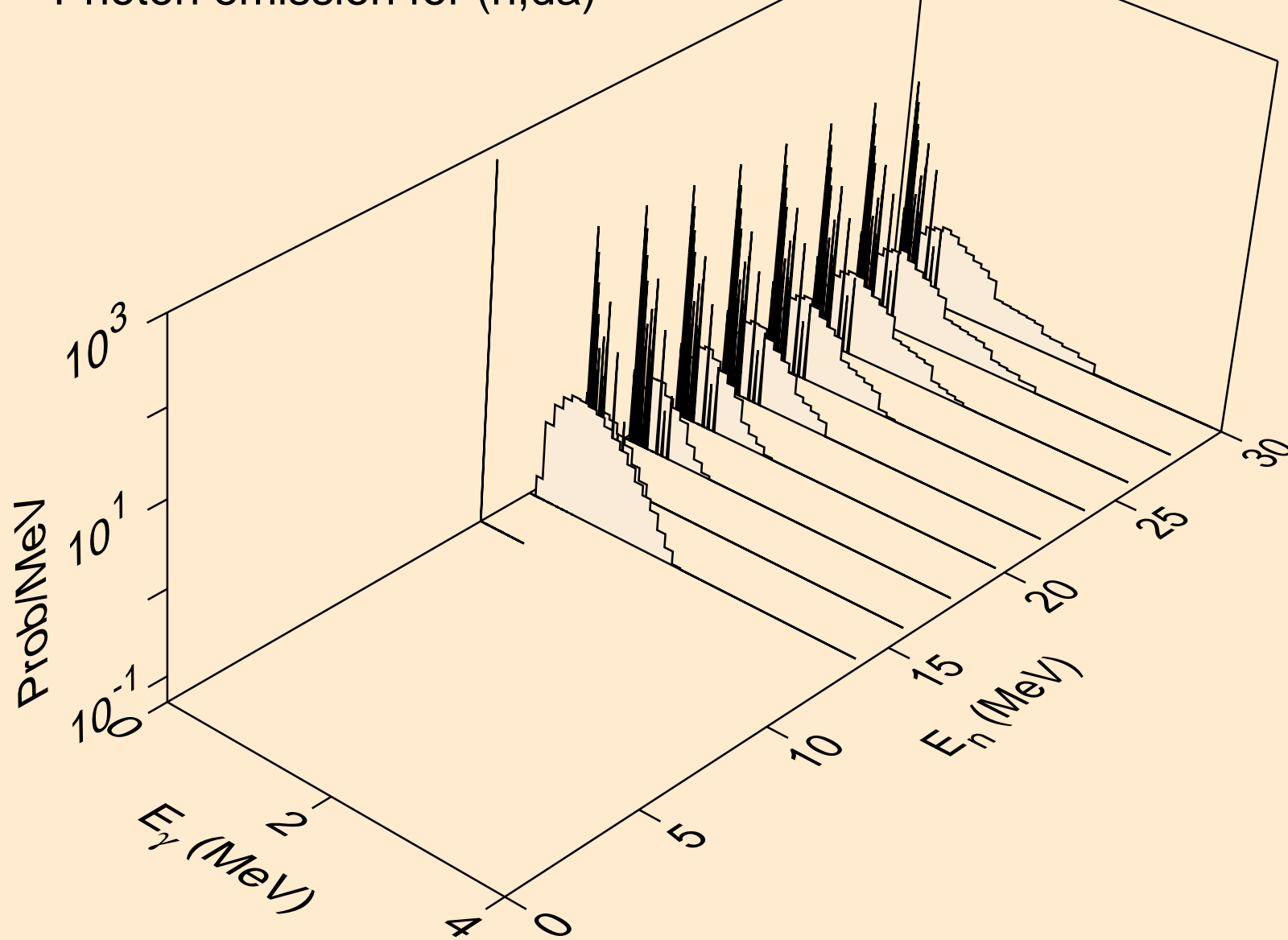
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



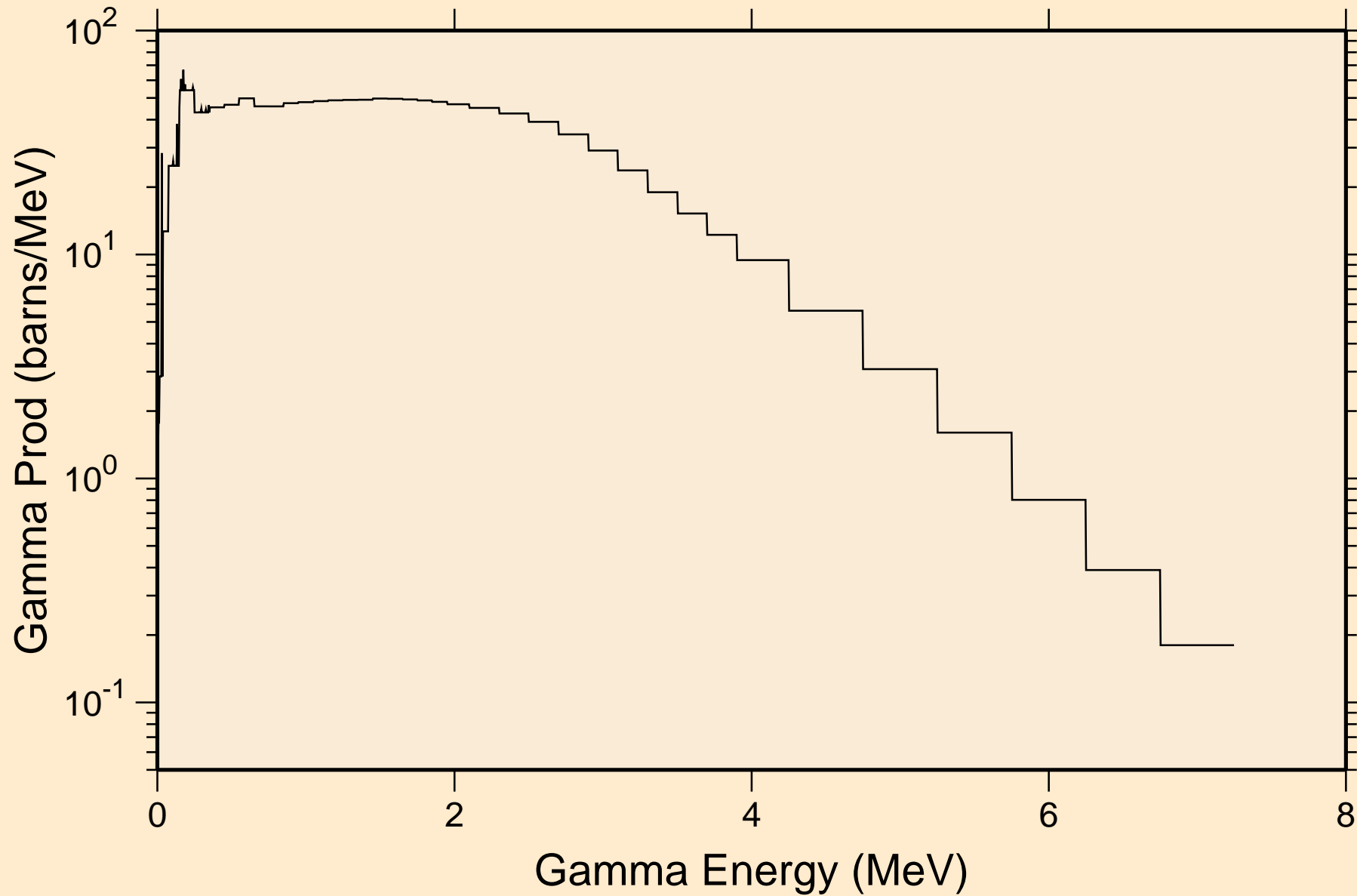
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



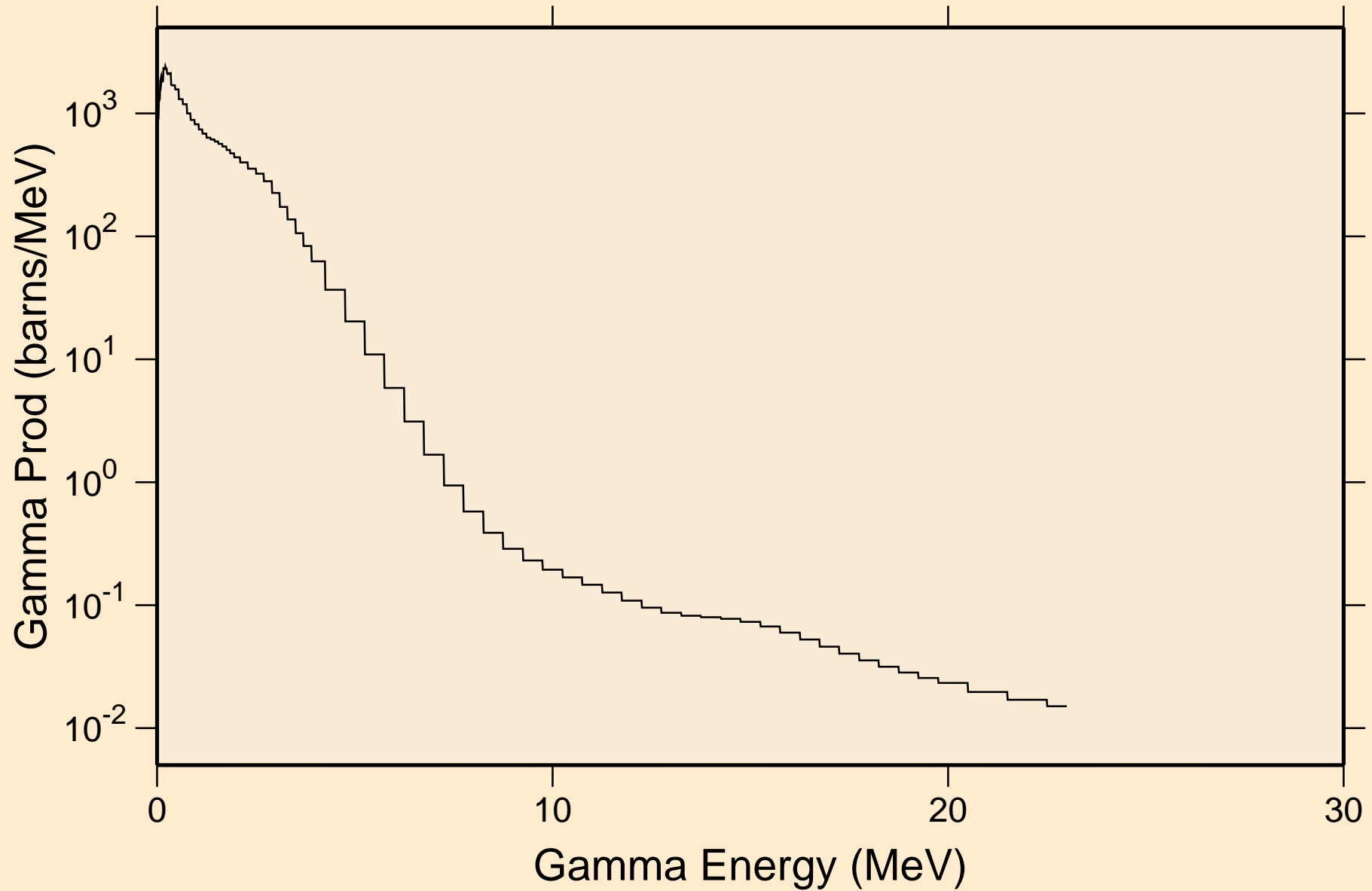
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



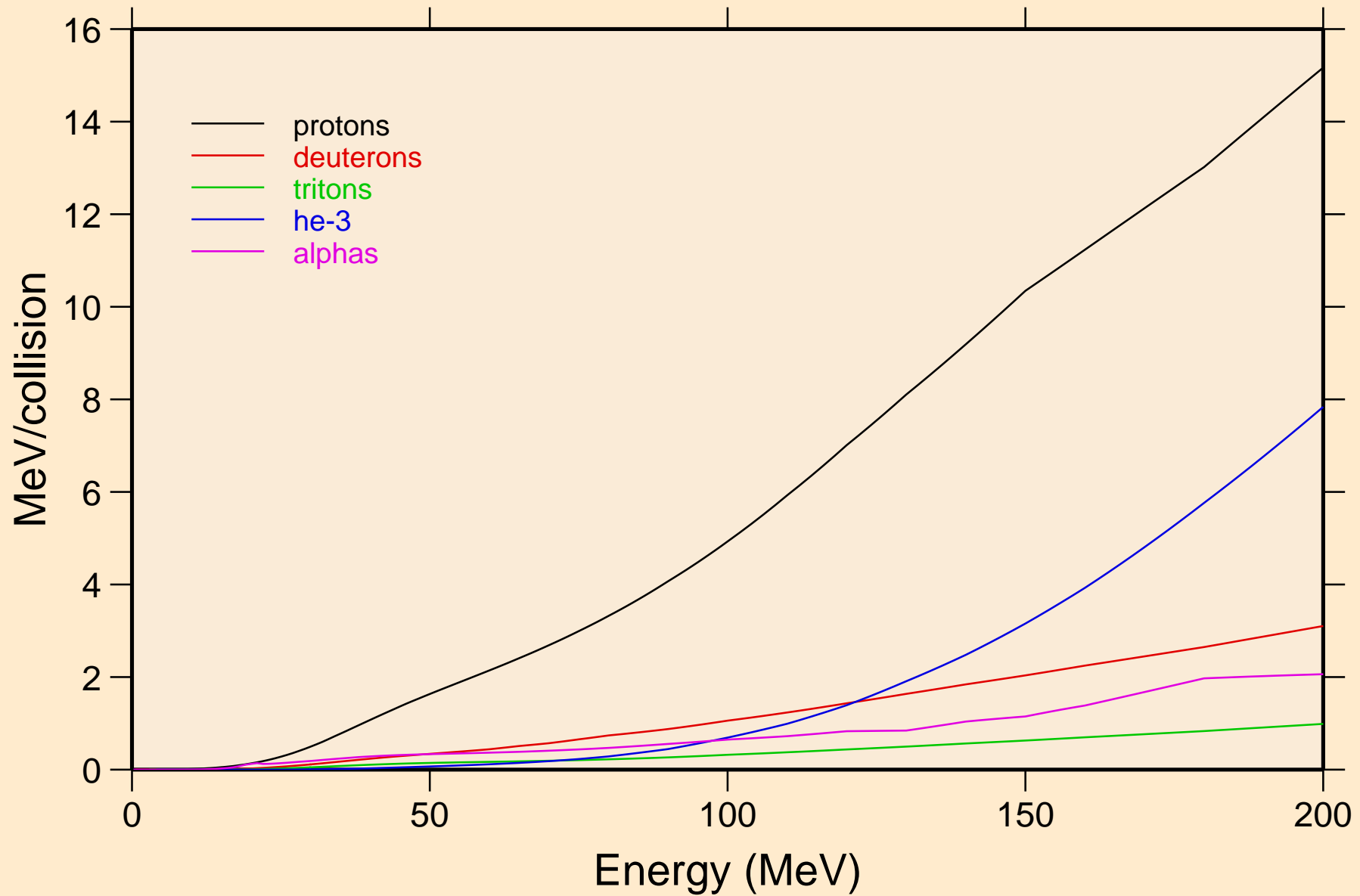
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum



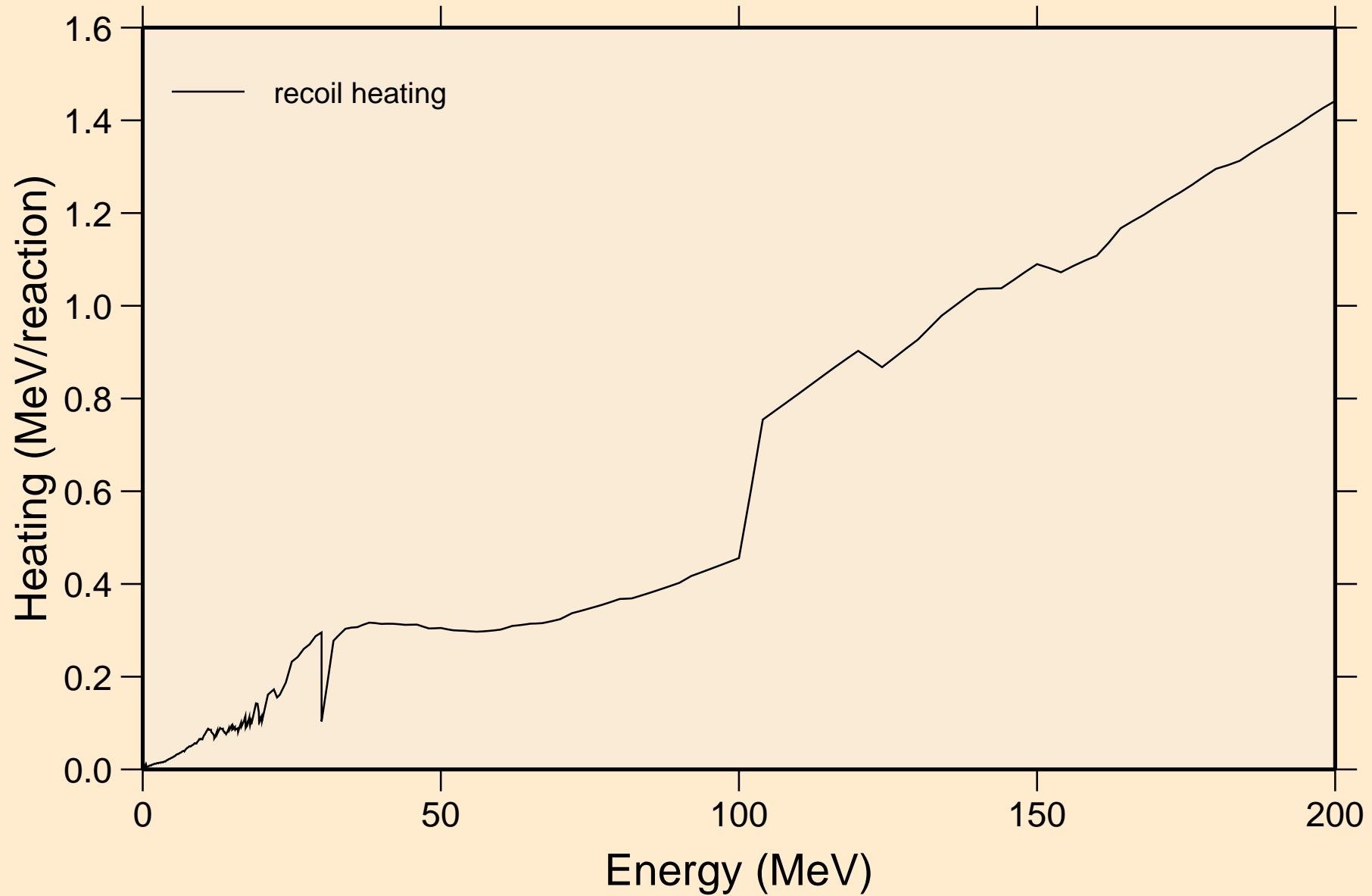
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum



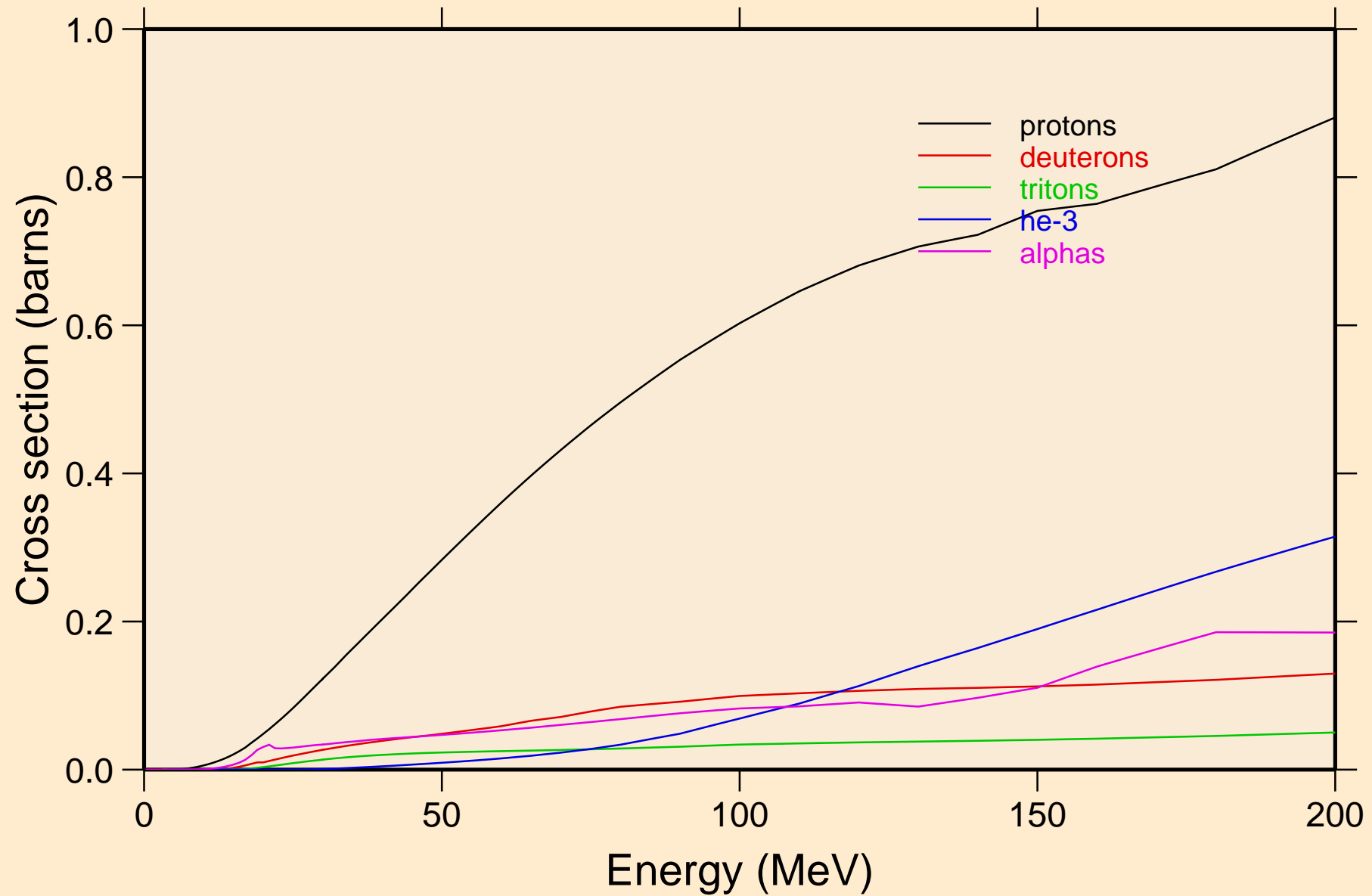
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle heating contributions



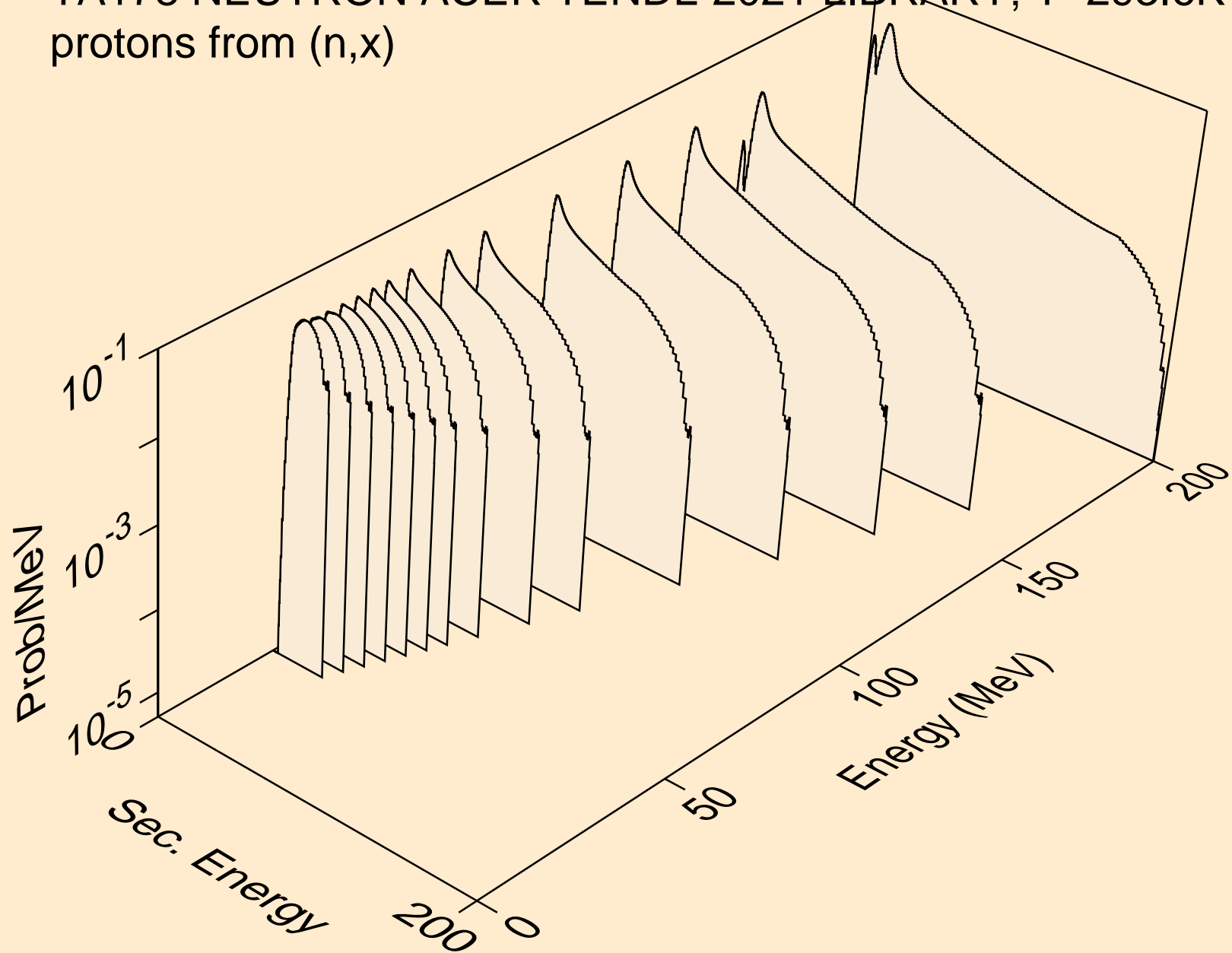
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating



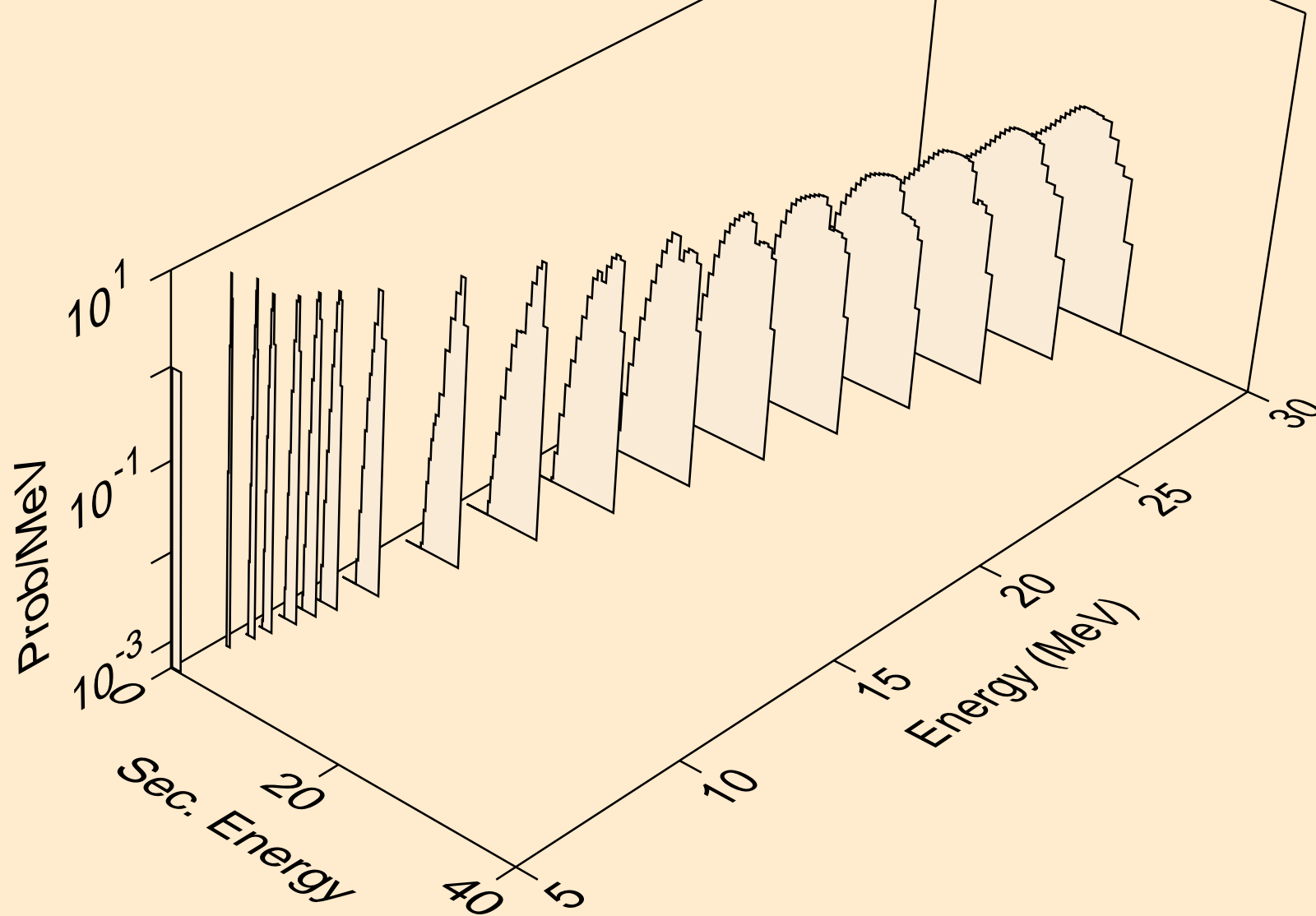
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle production cross sections



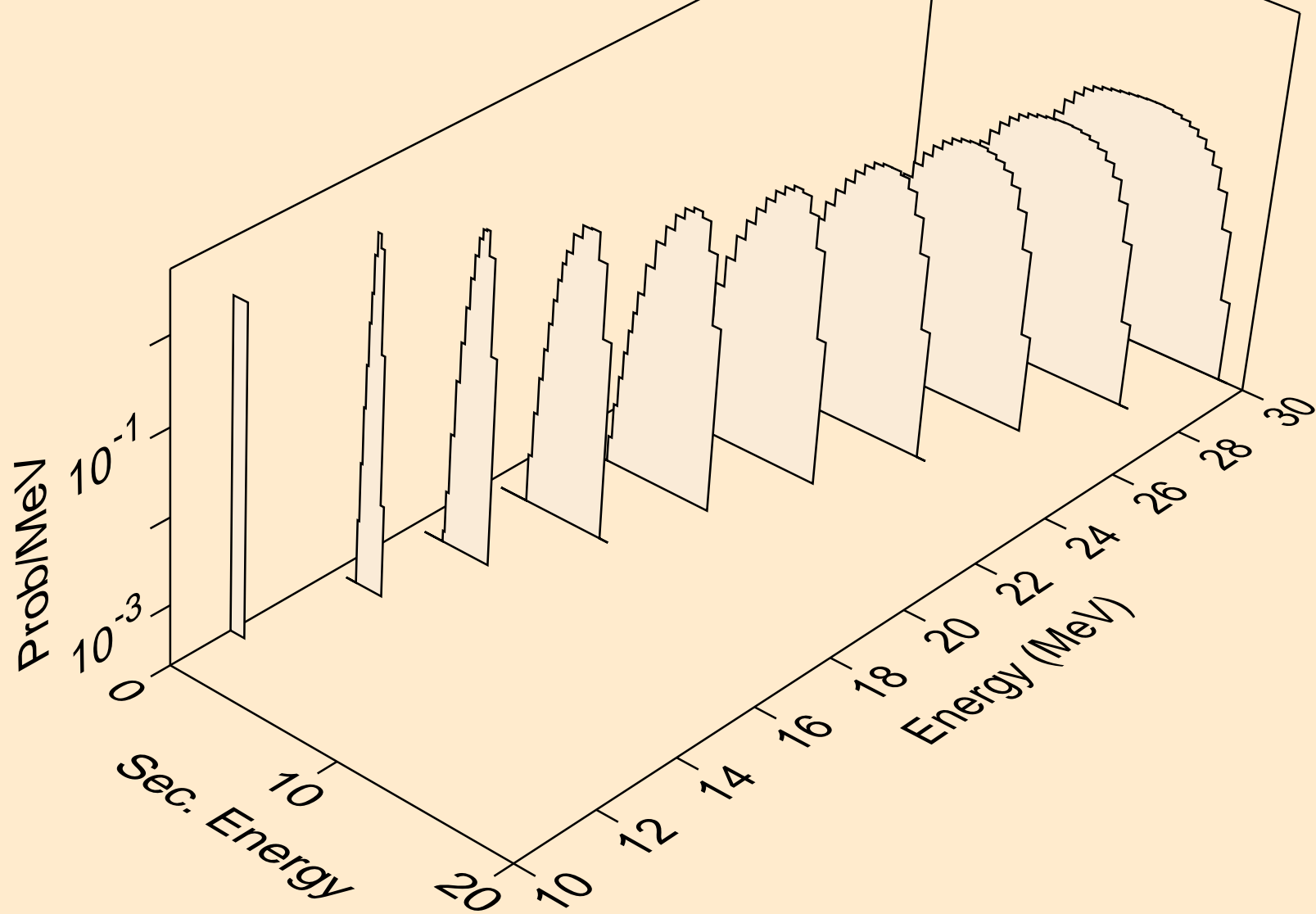
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



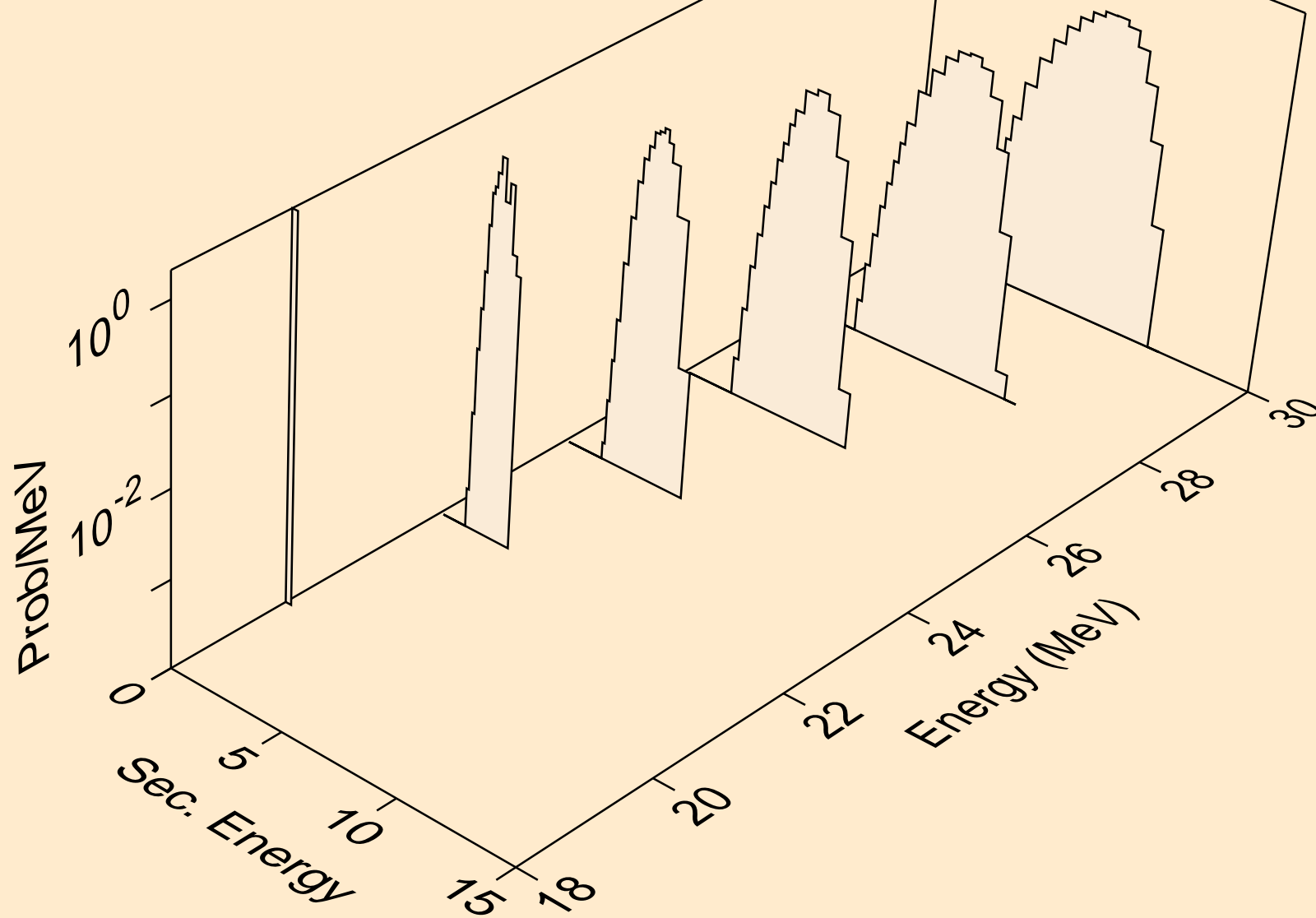
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



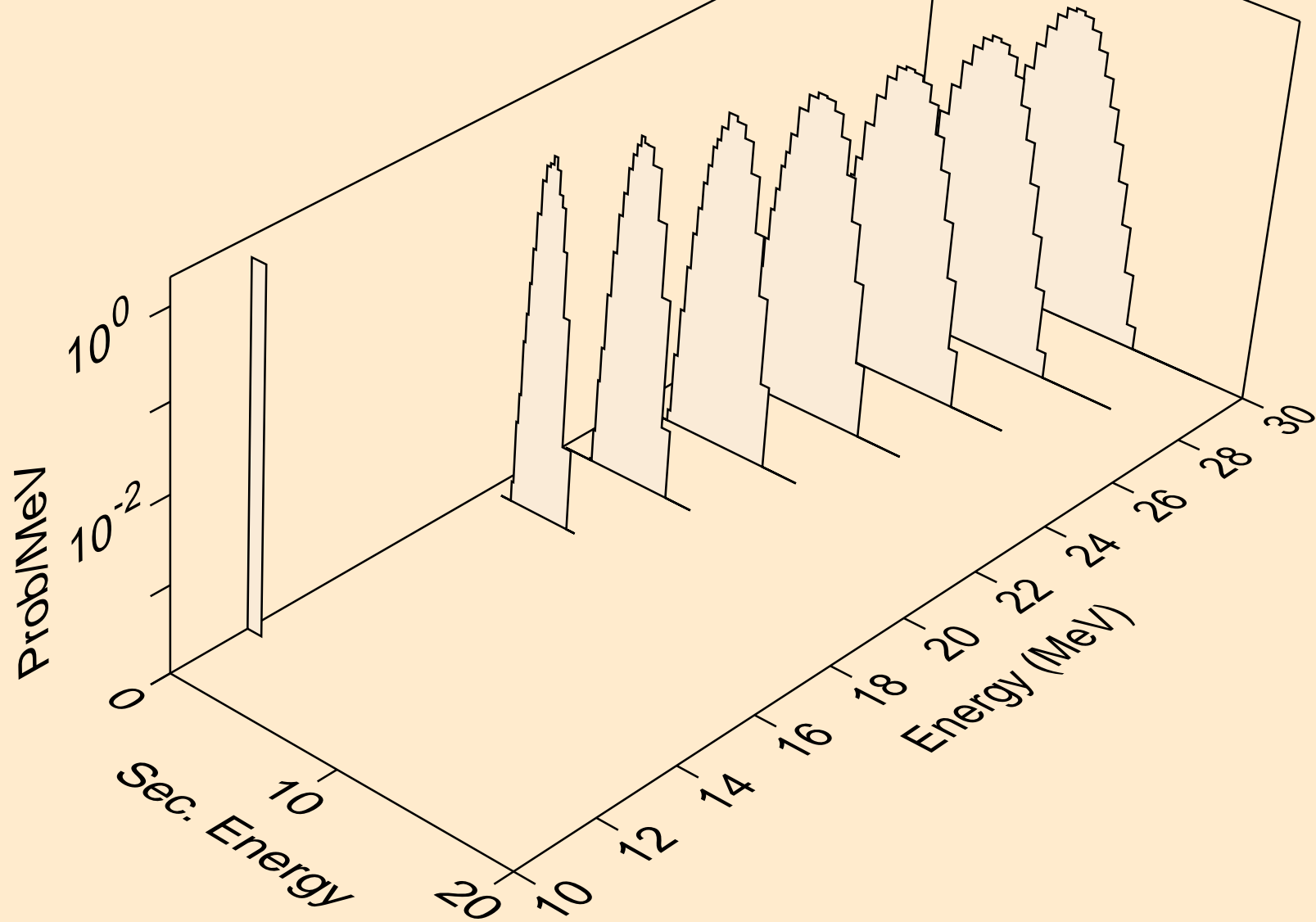
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



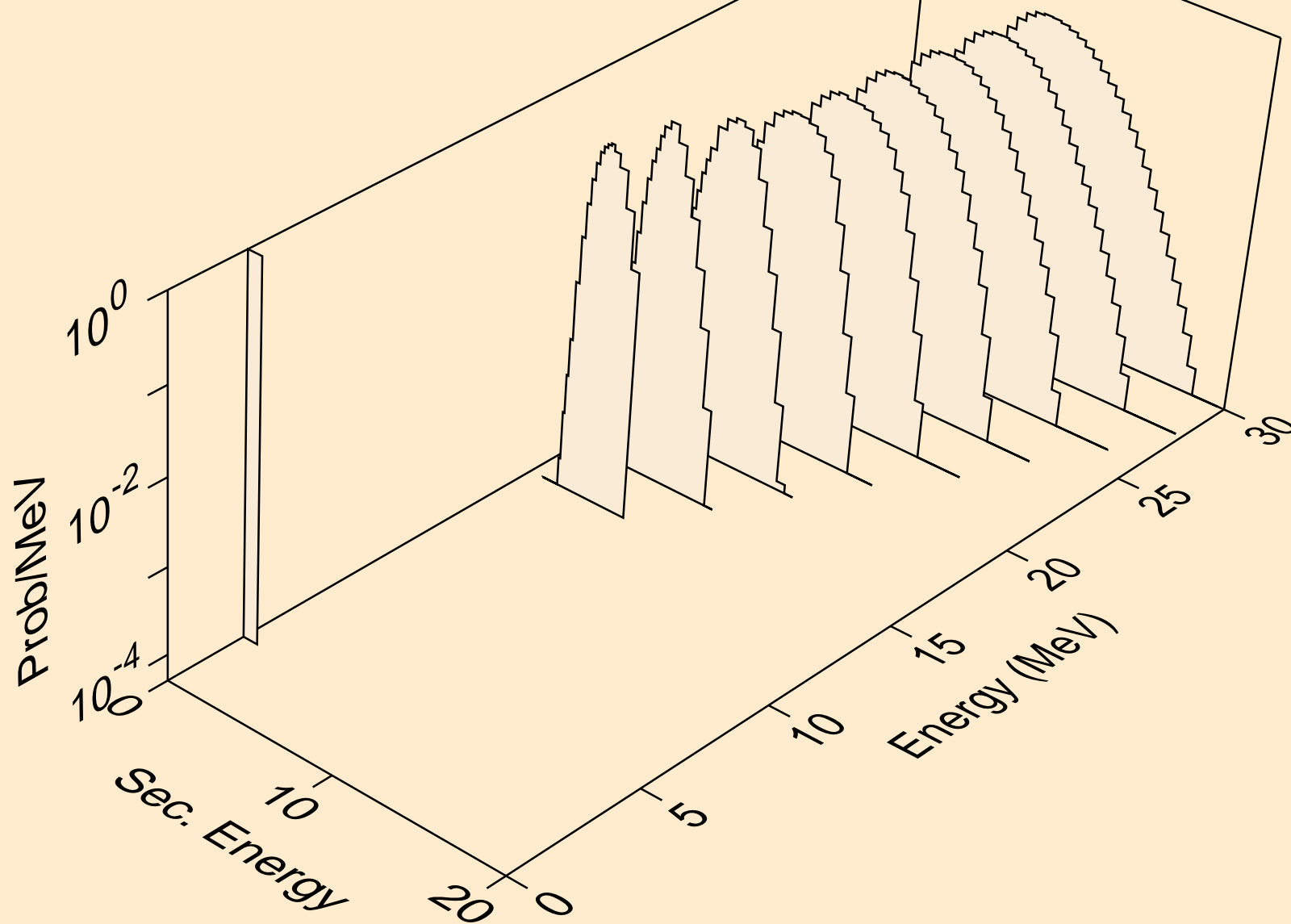
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



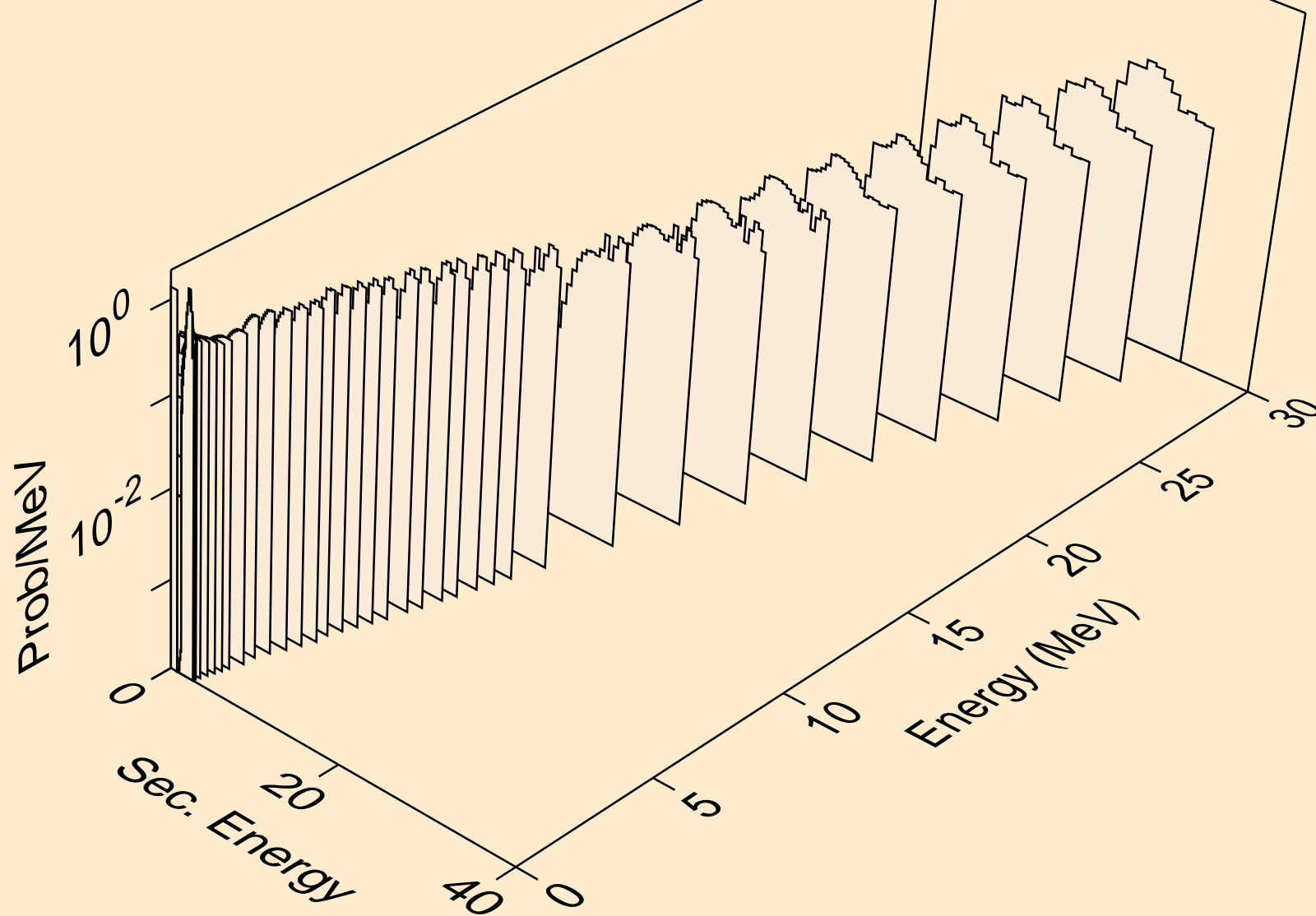
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protons from (n,2np)



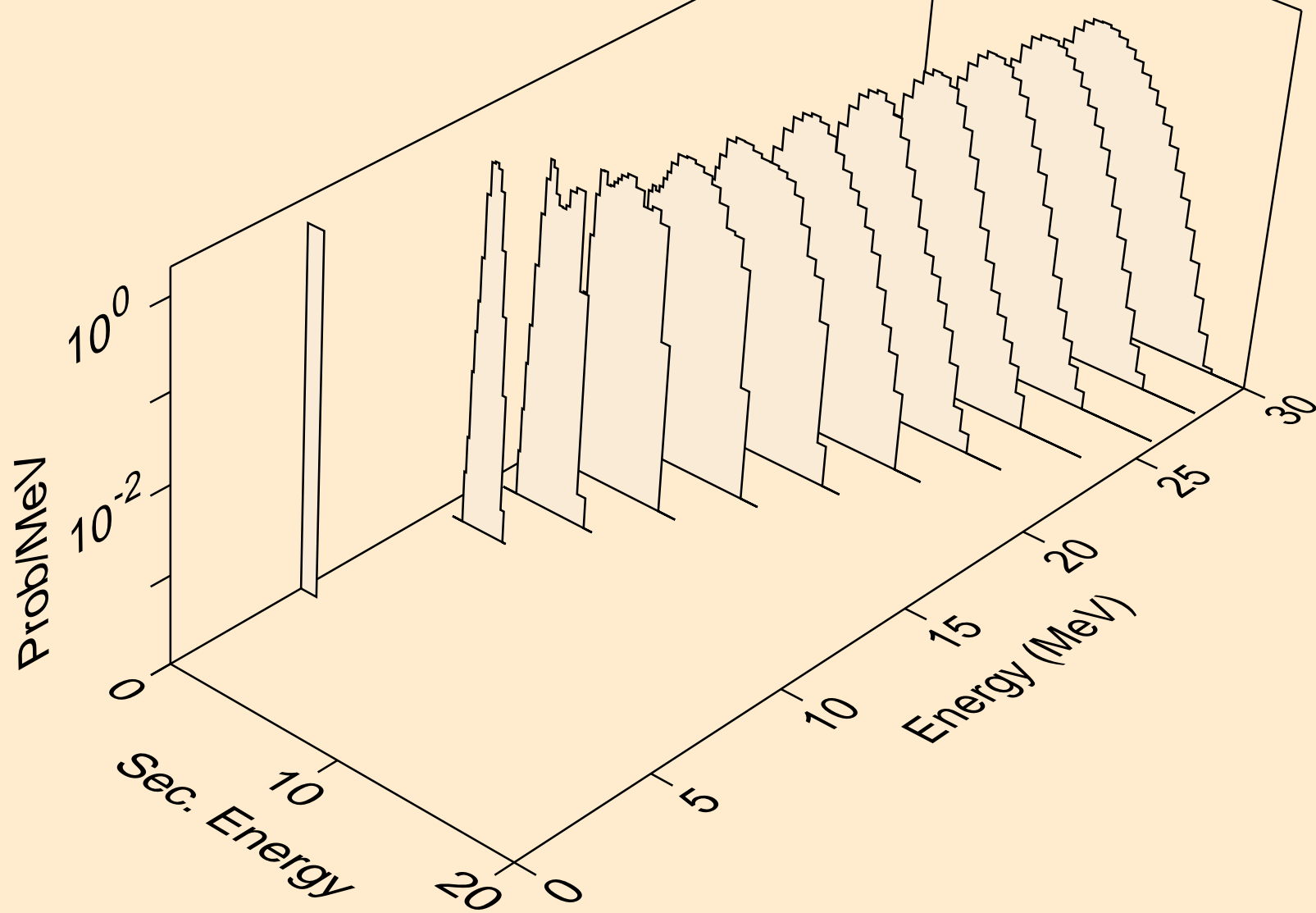
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



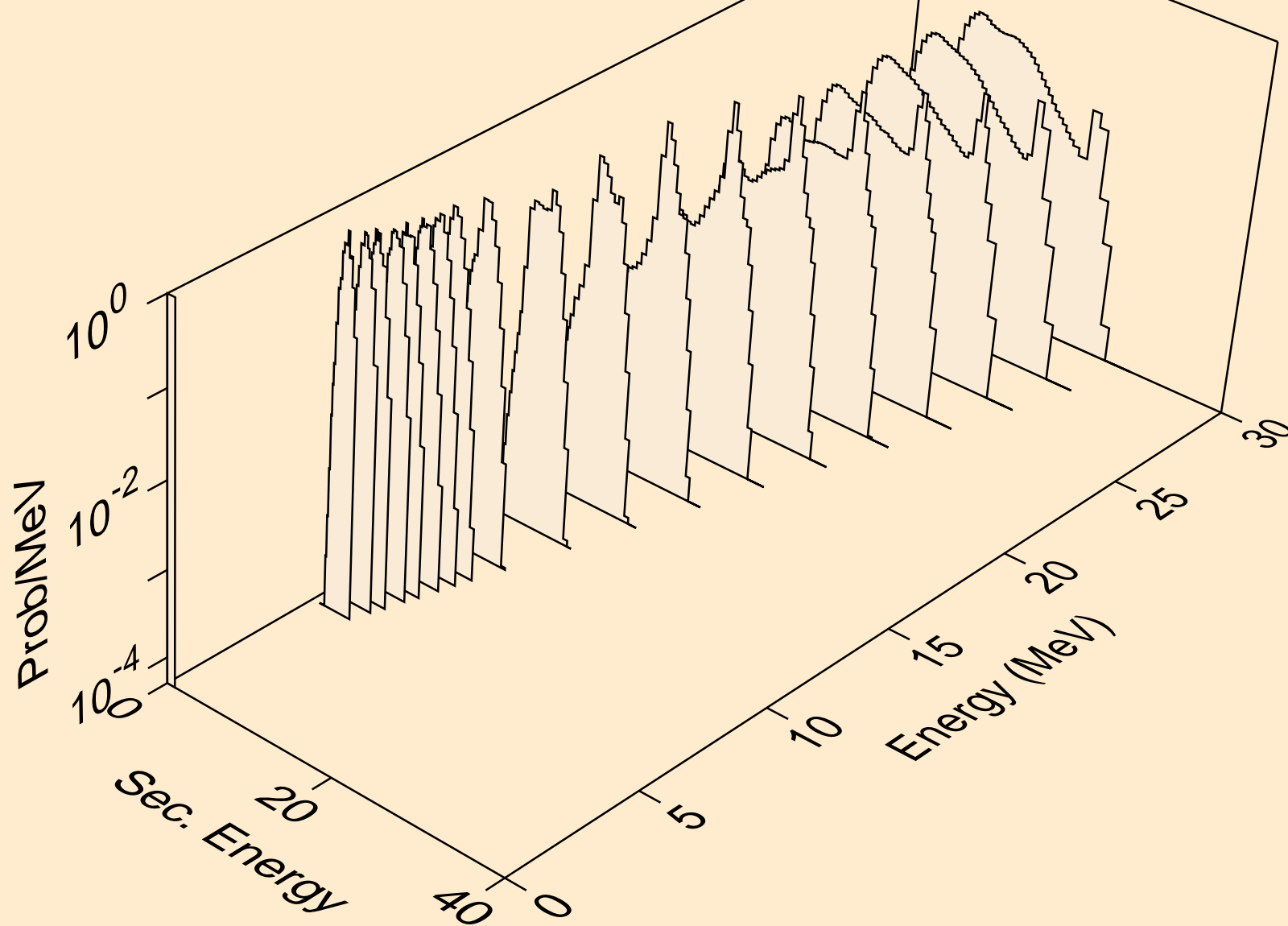
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



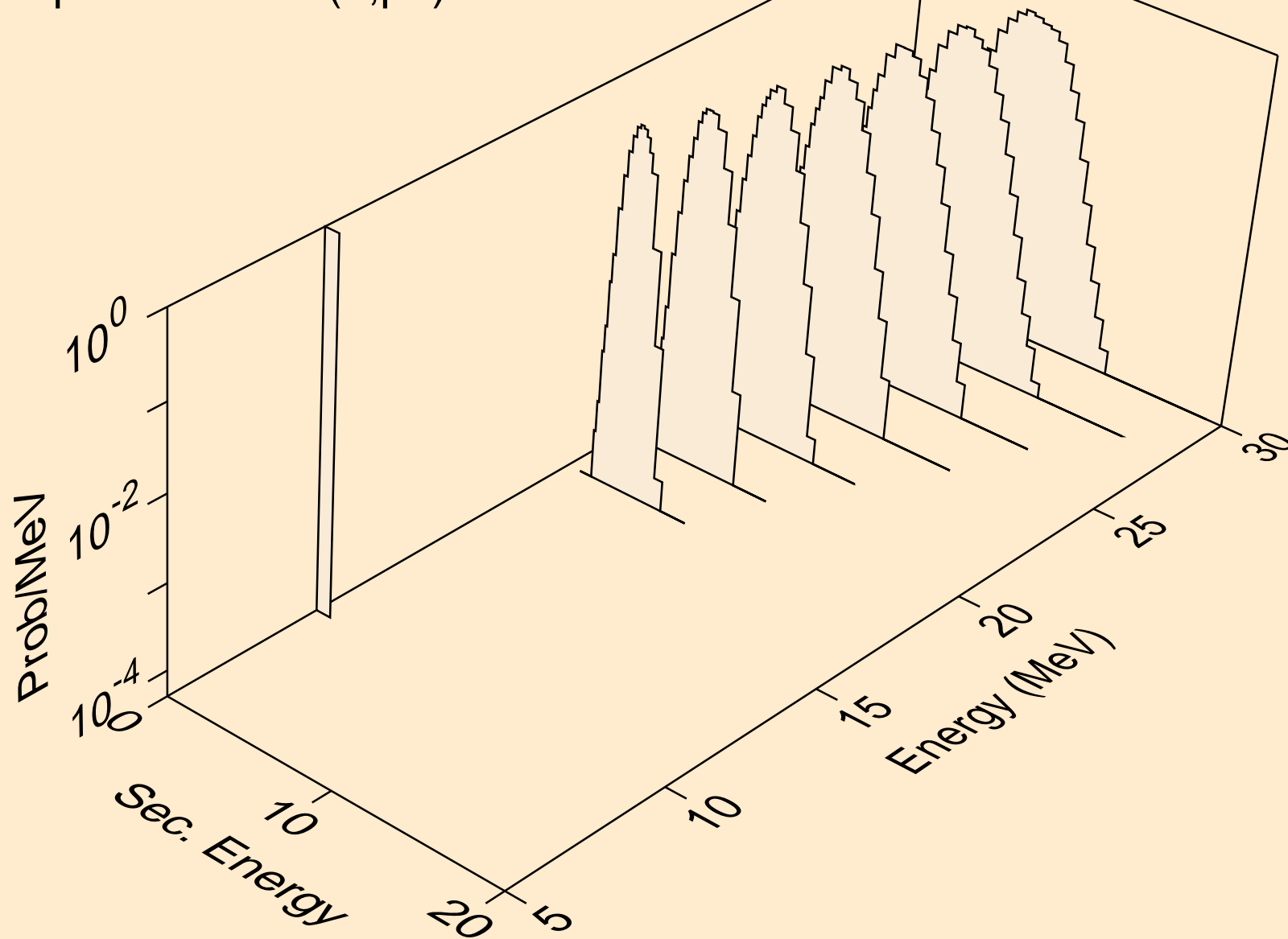
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protons from (n,2p)



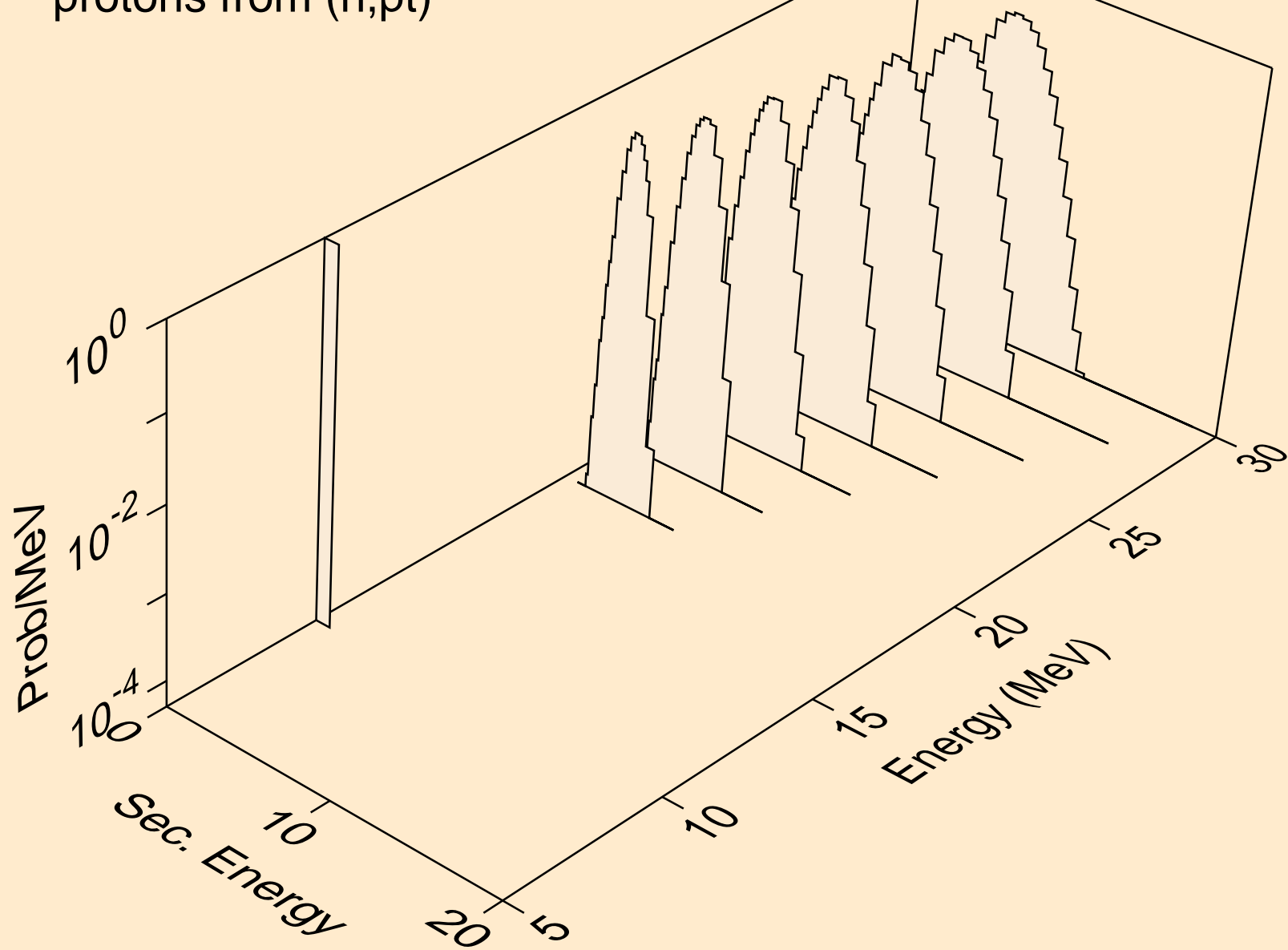
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protons from (n,p)



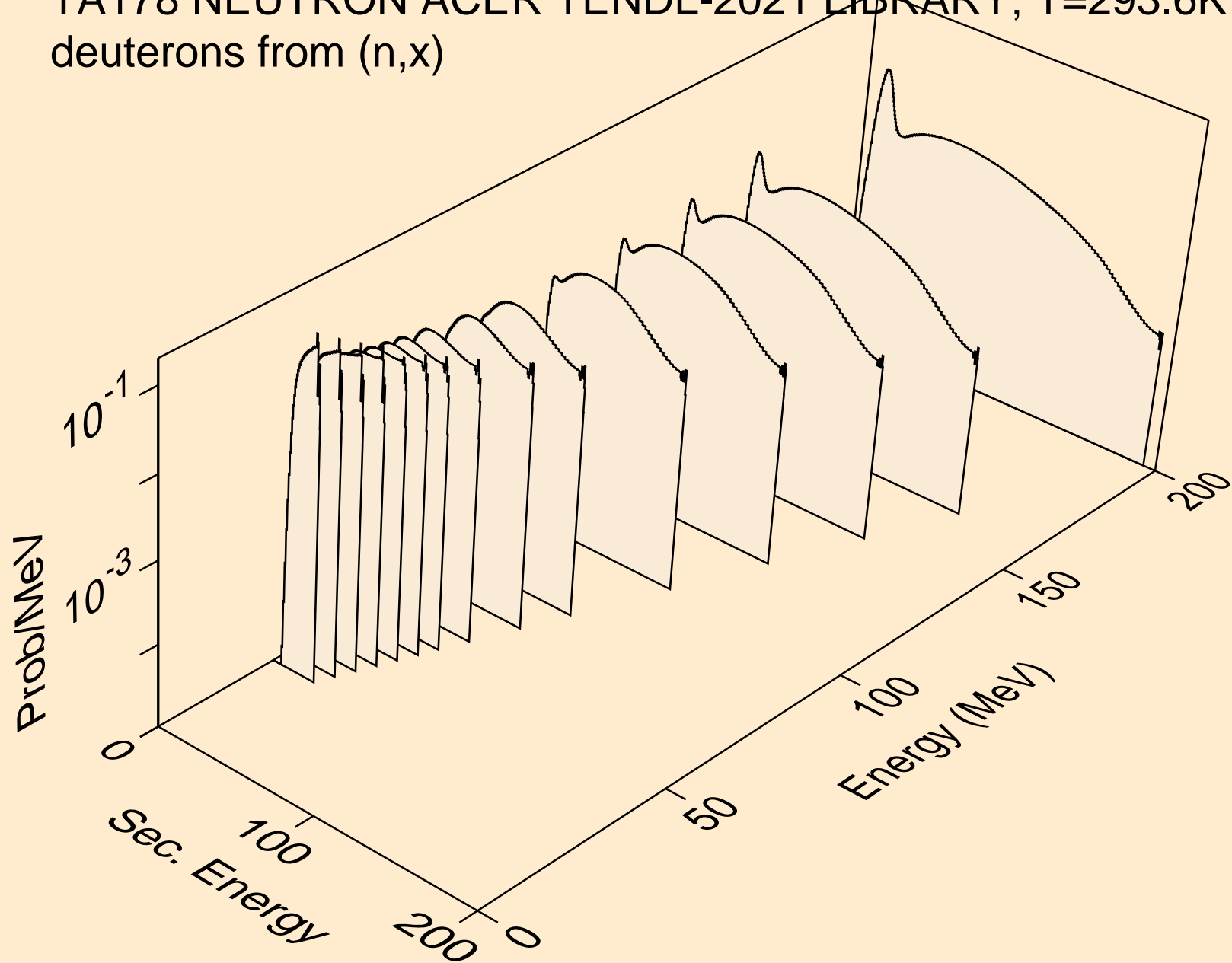
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pd)



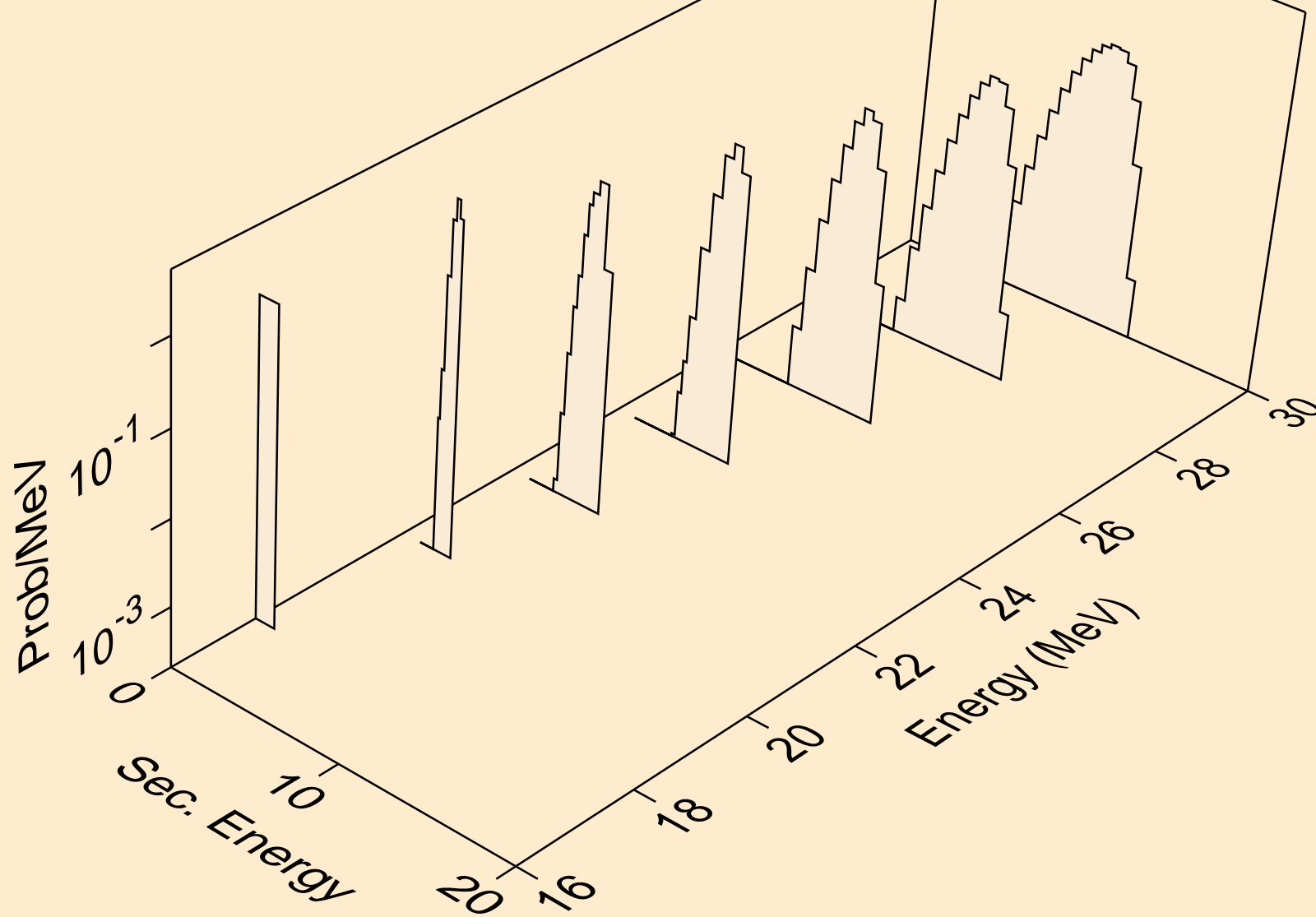
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



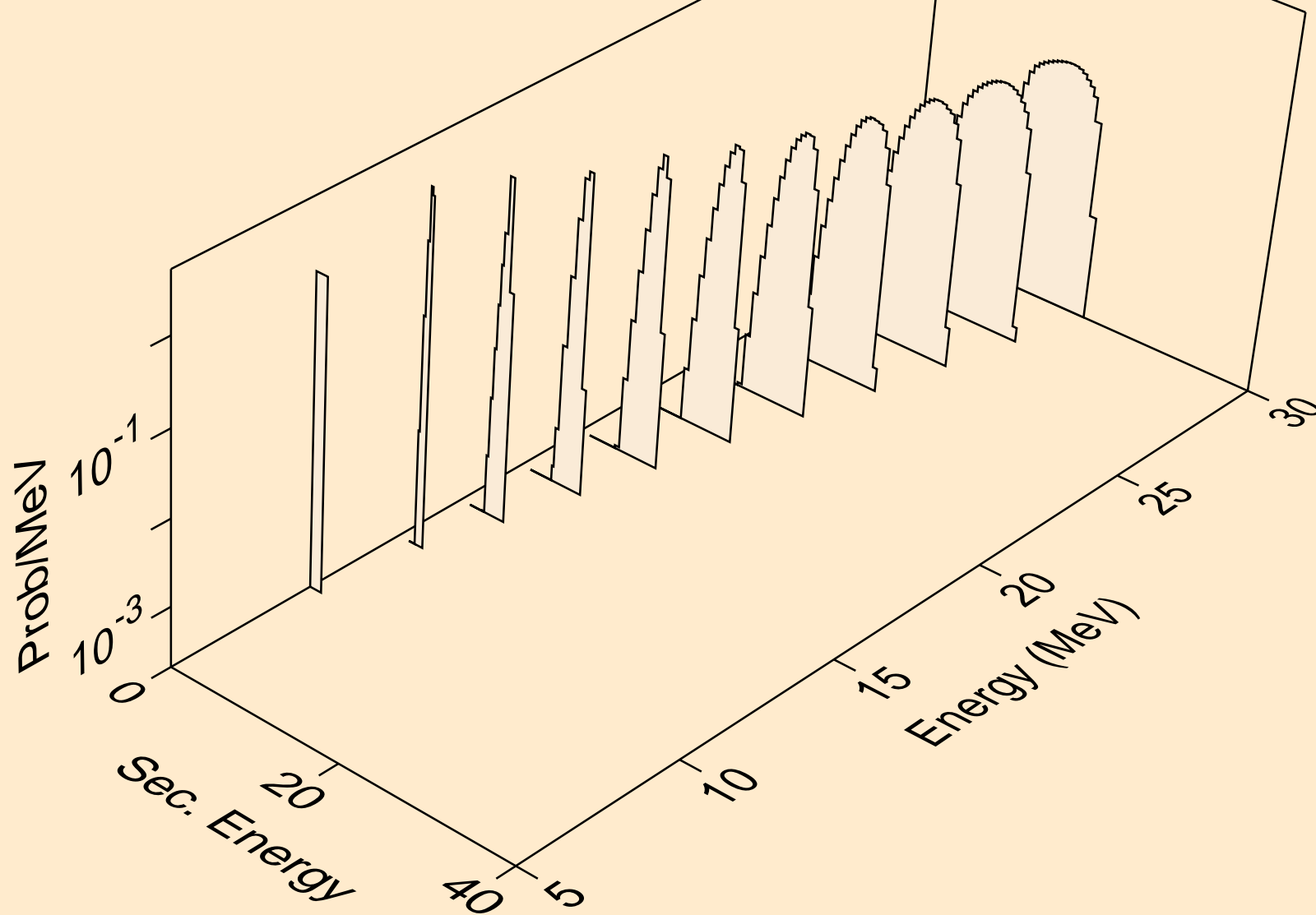
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



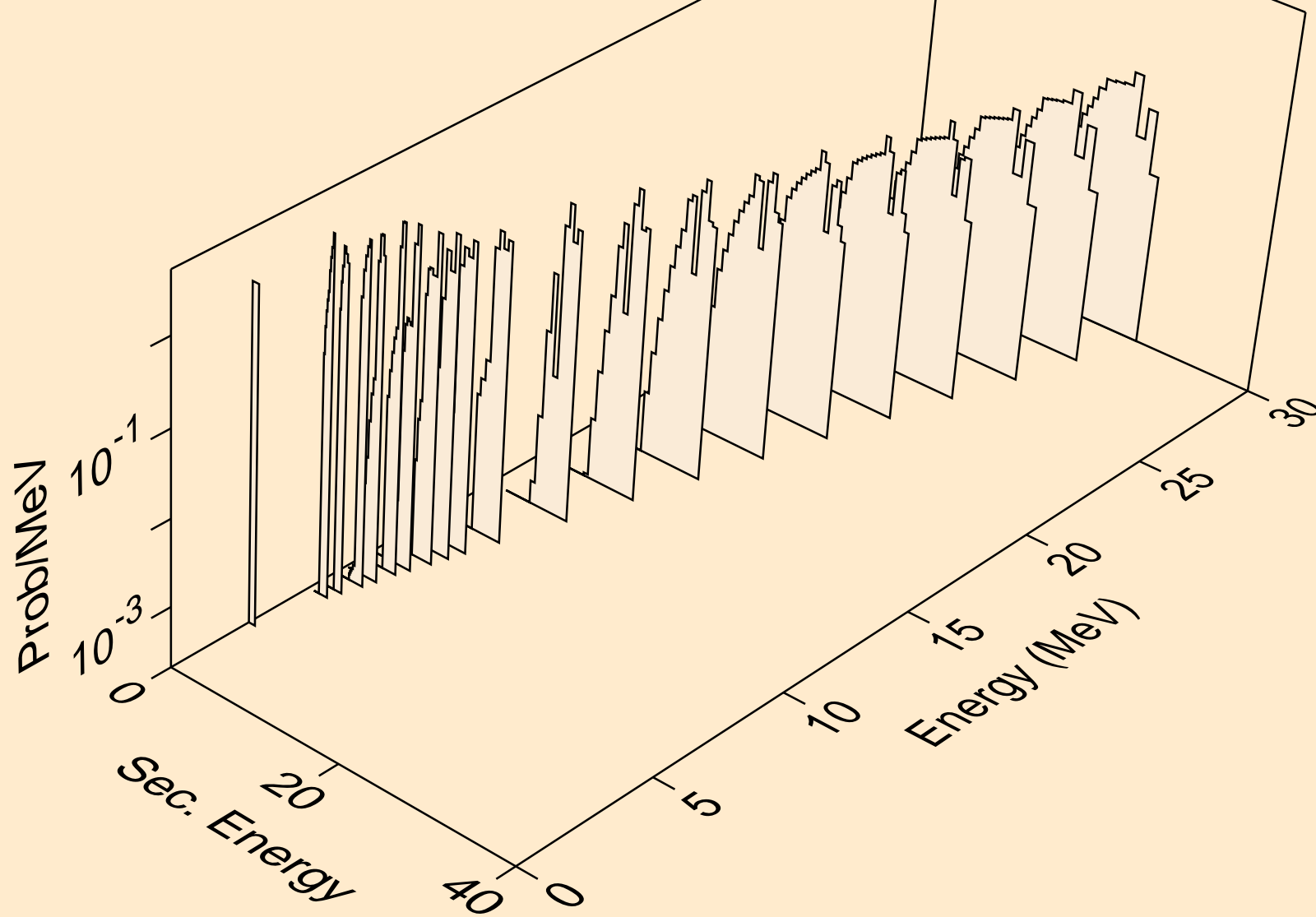
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,2nd)



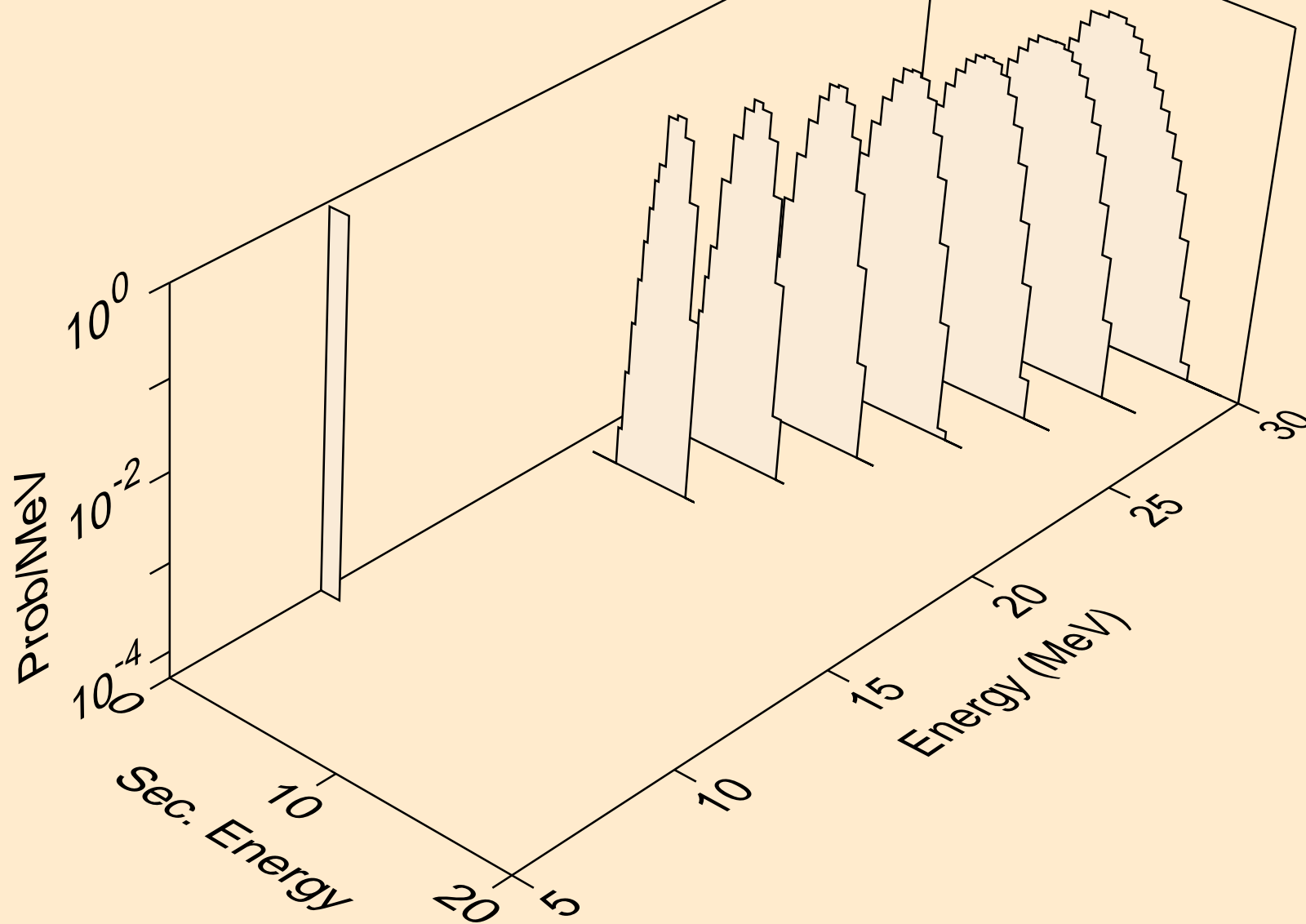
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



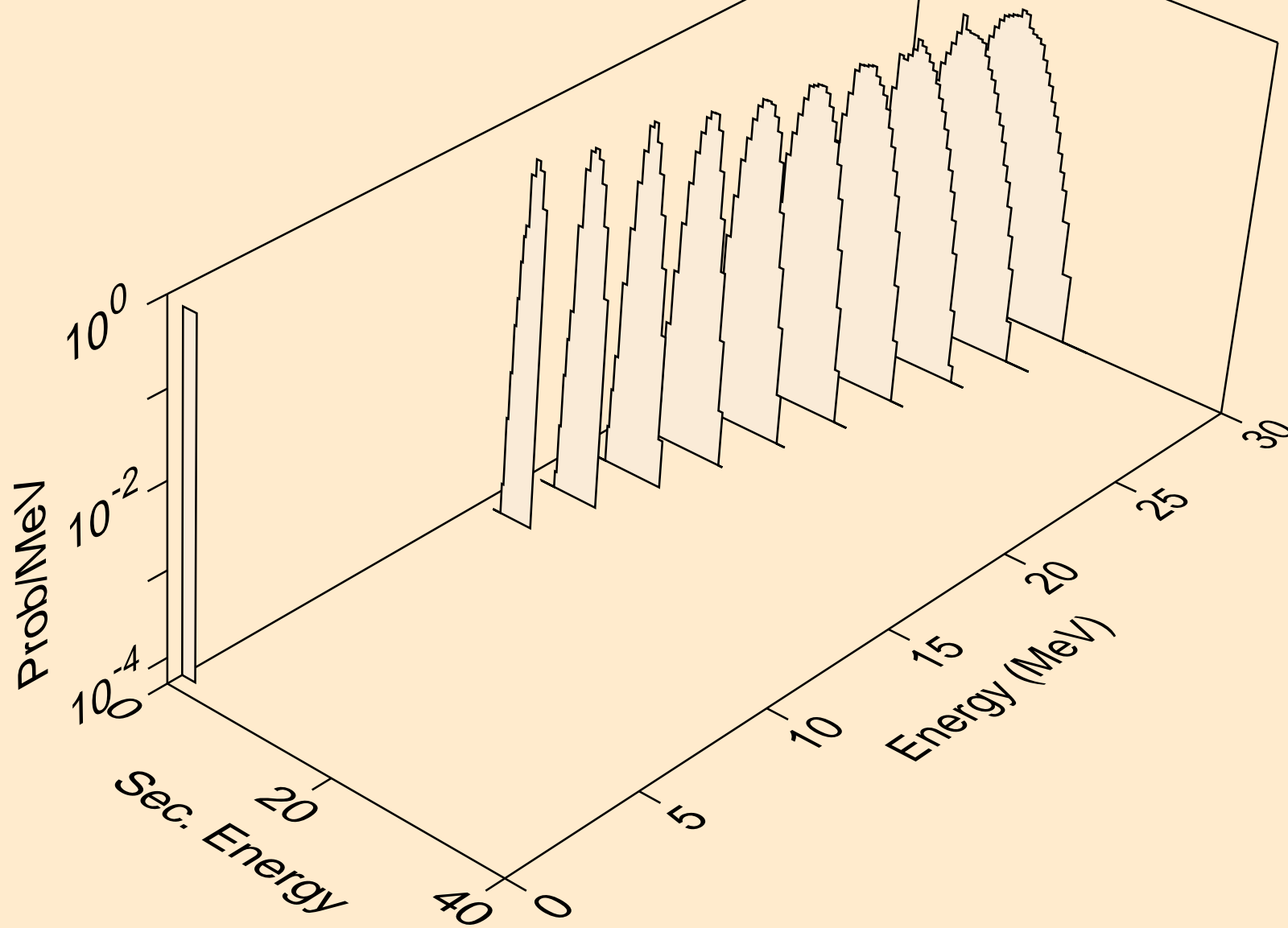
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,d)



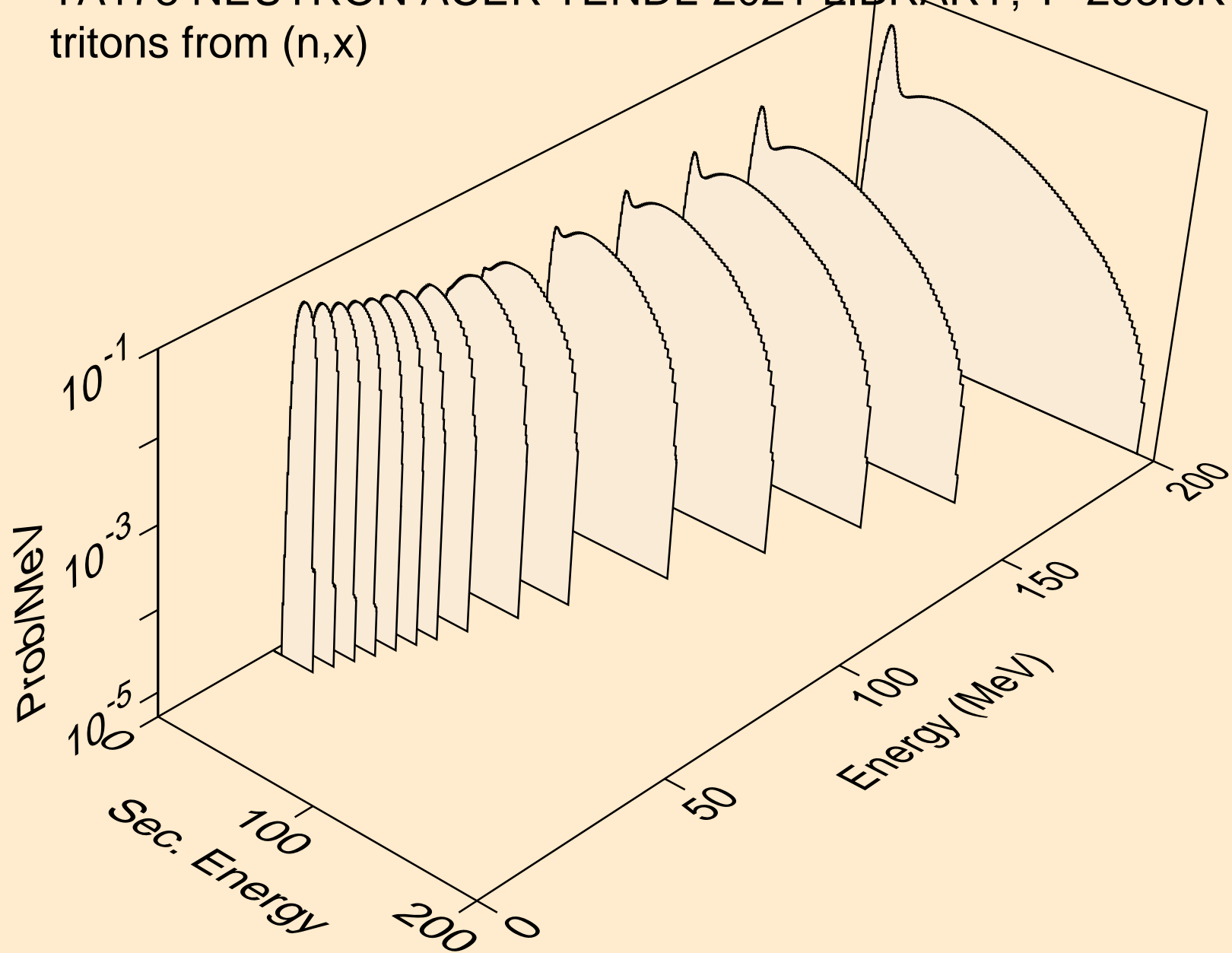
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,pd)



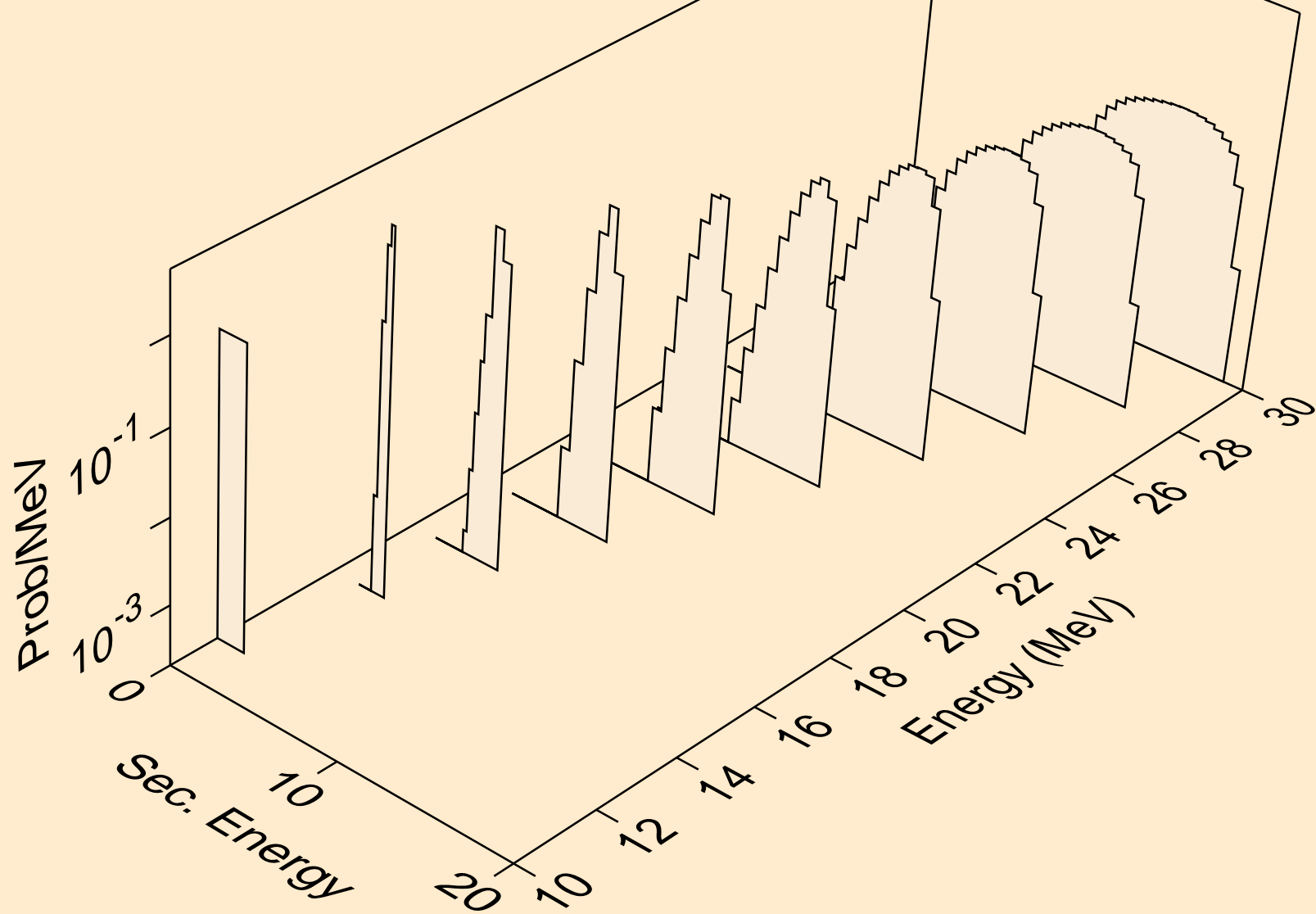
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,da)



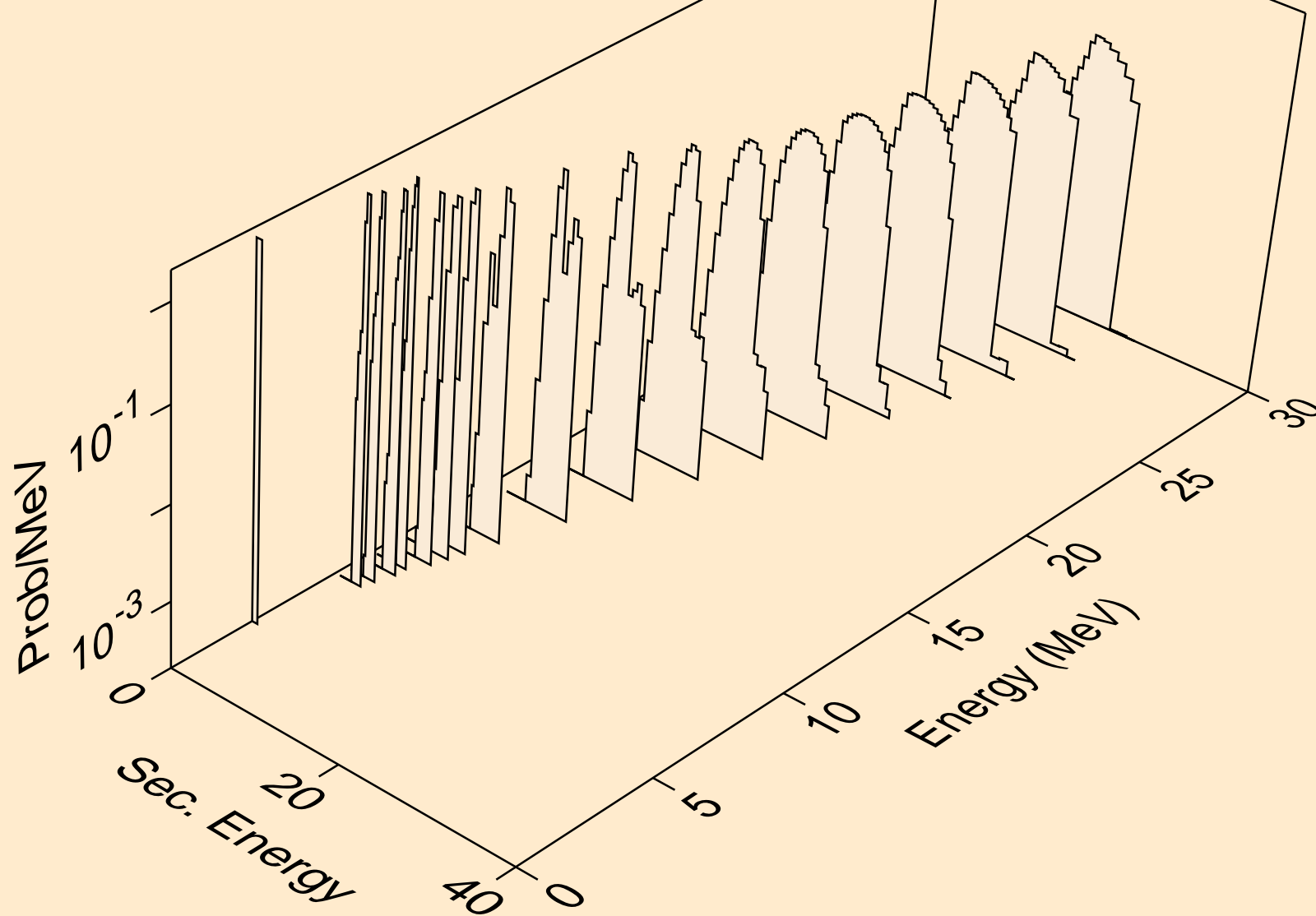
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



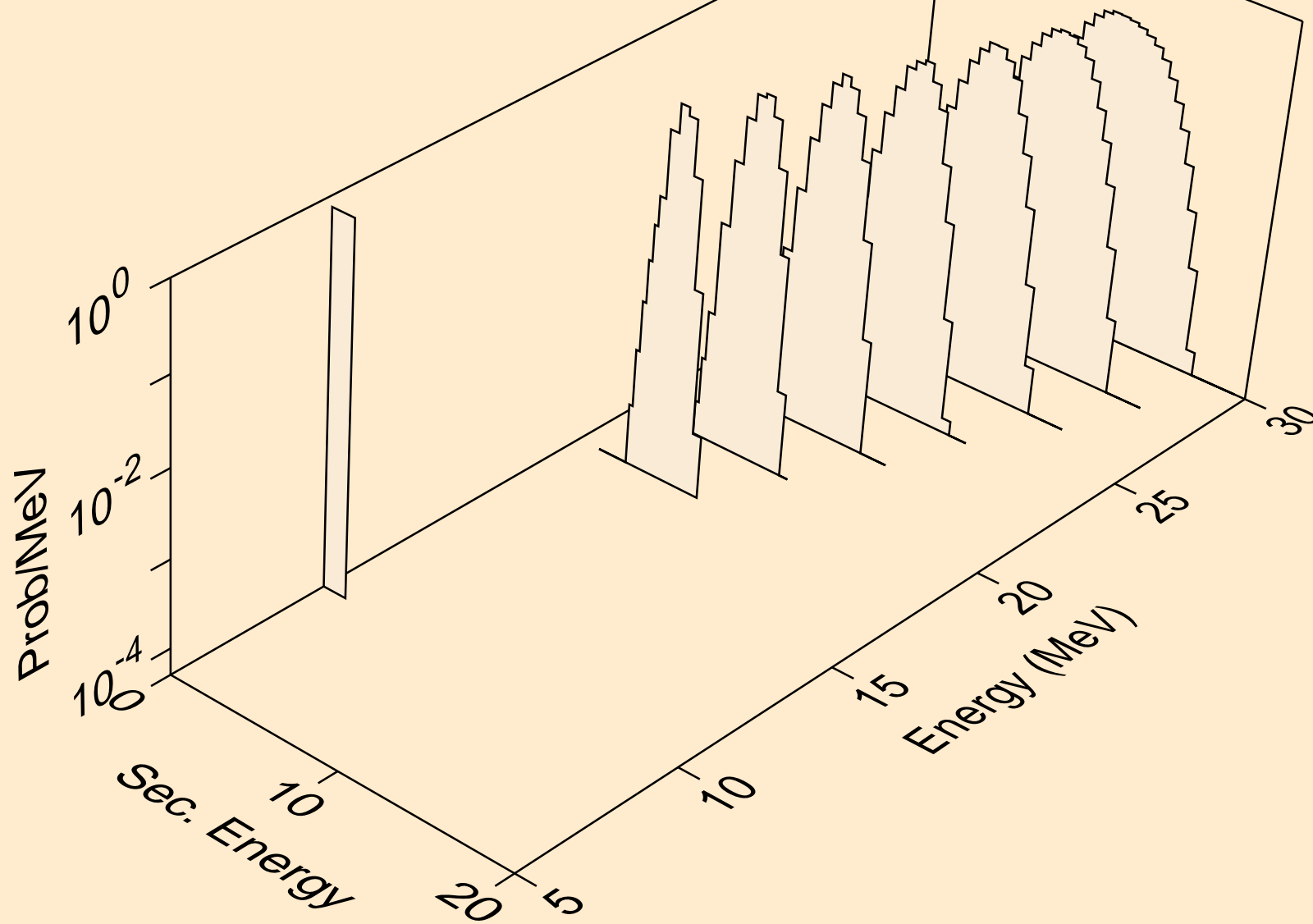
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



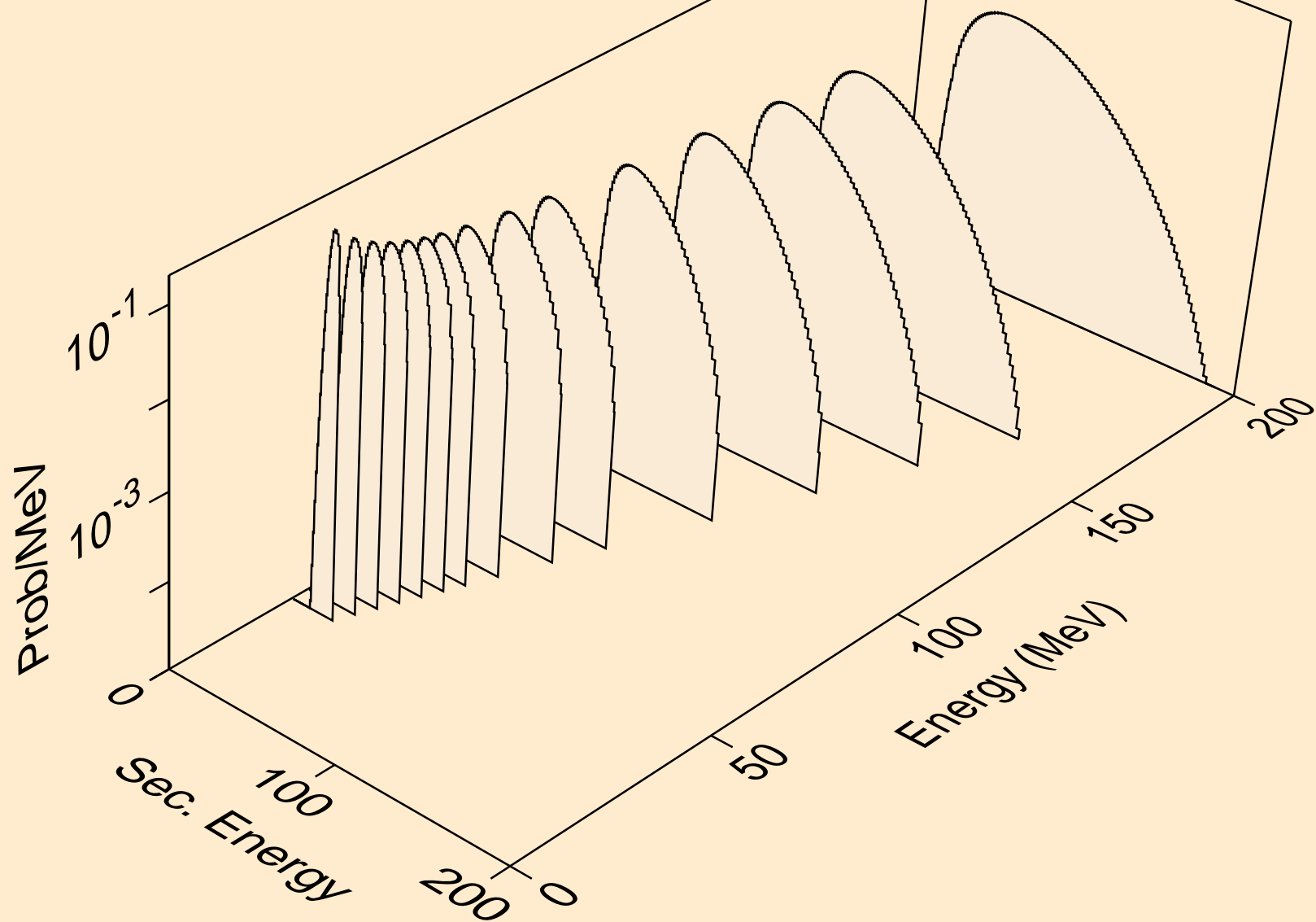
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,t)



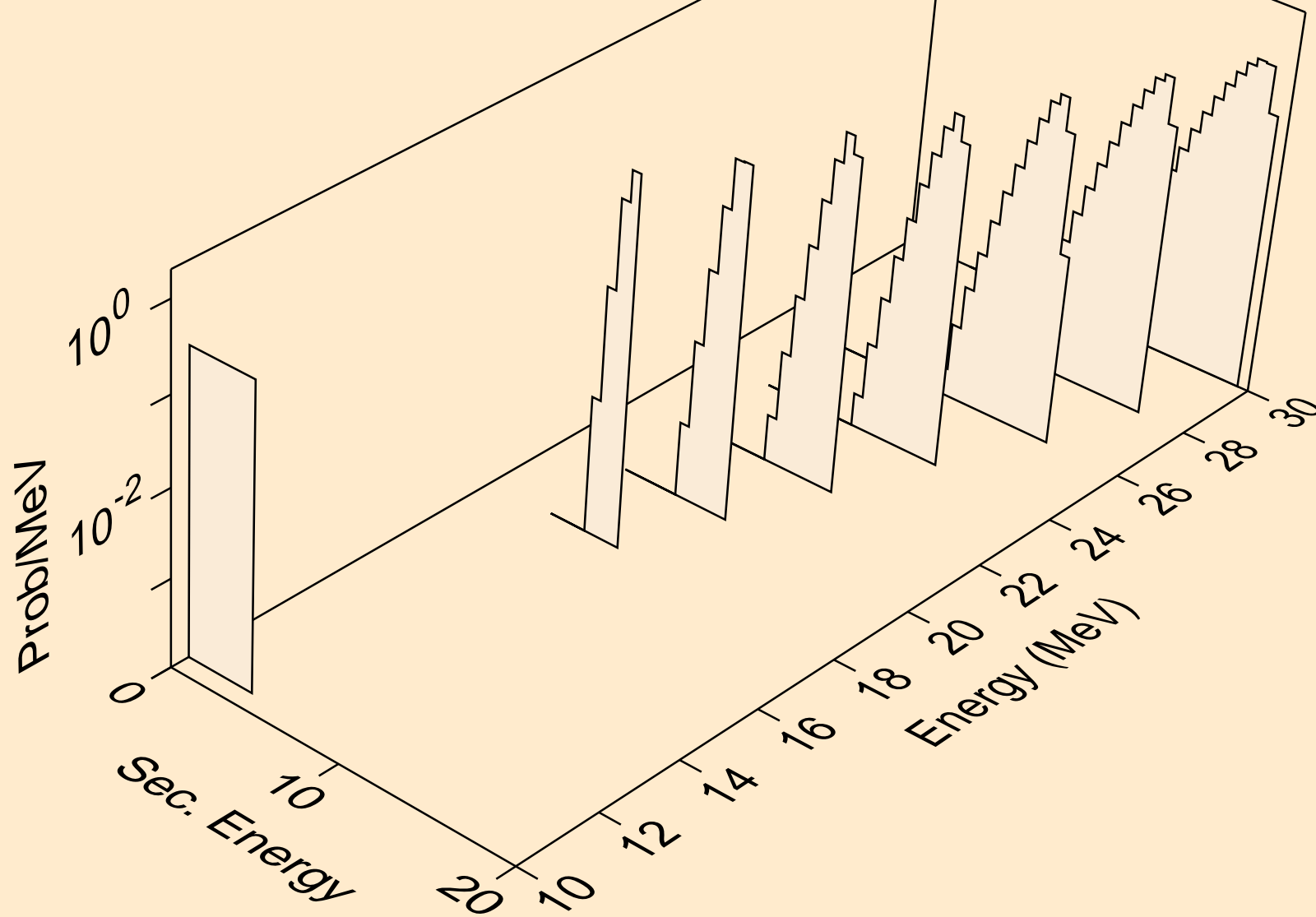
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



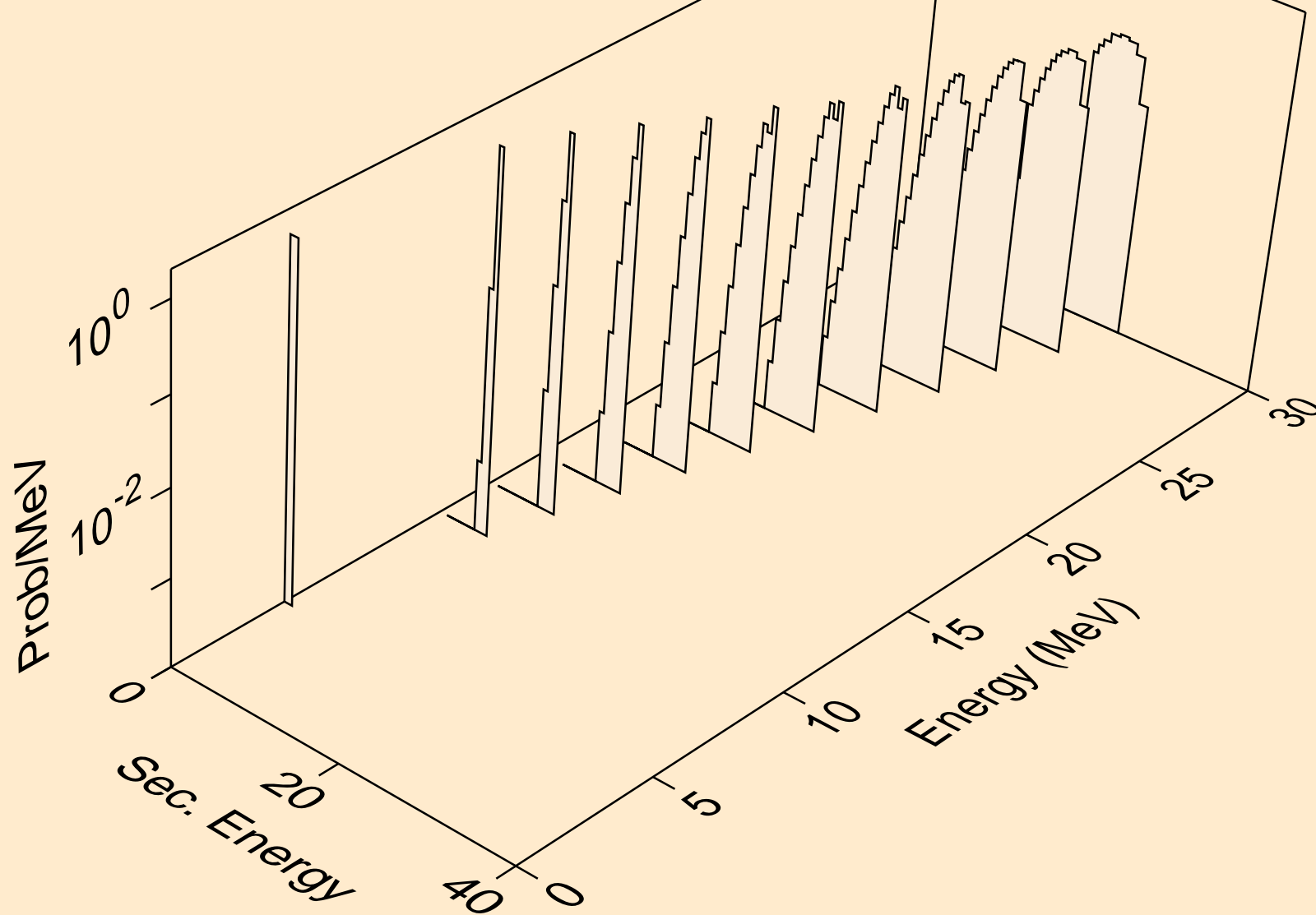
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



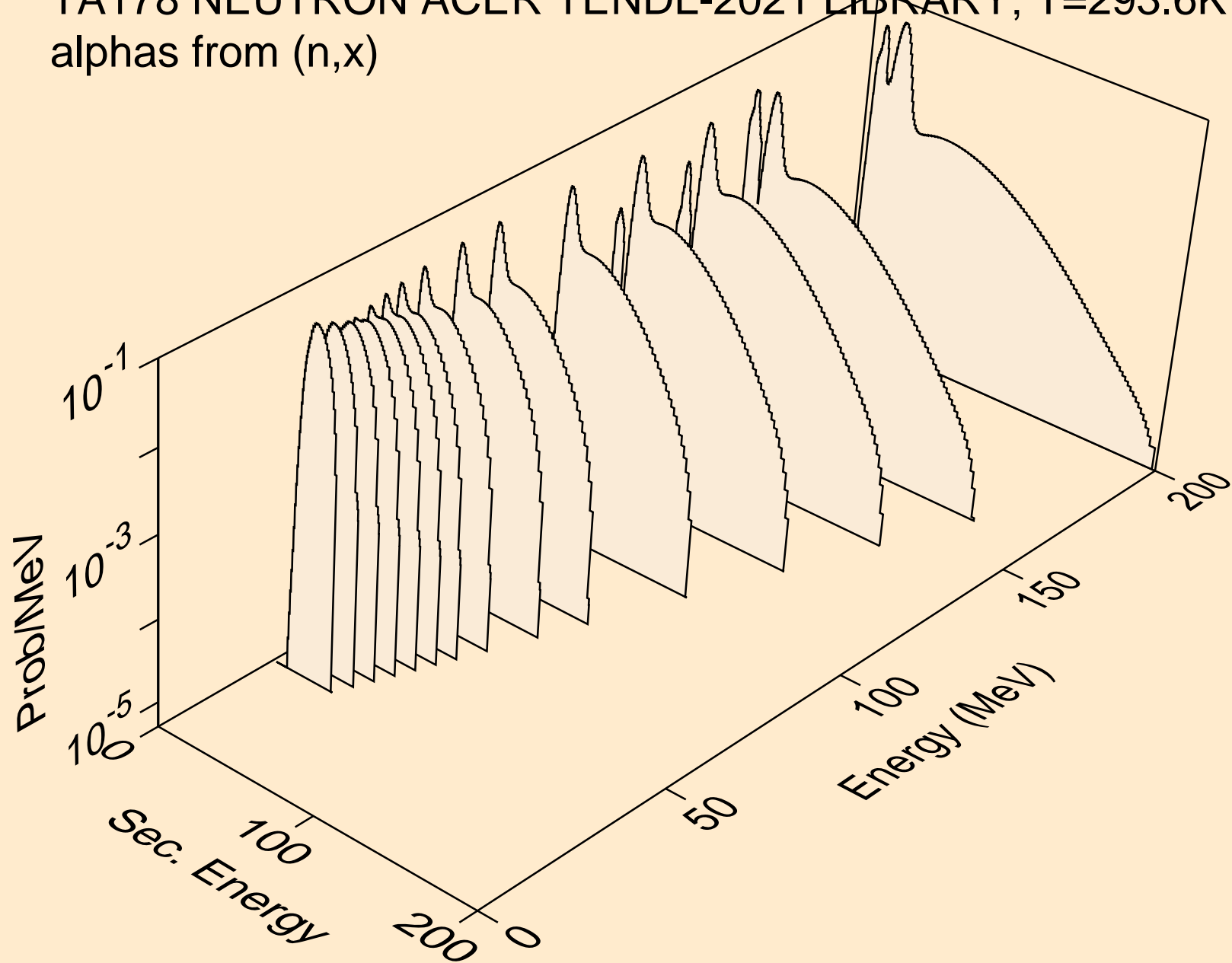
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,n*)he3



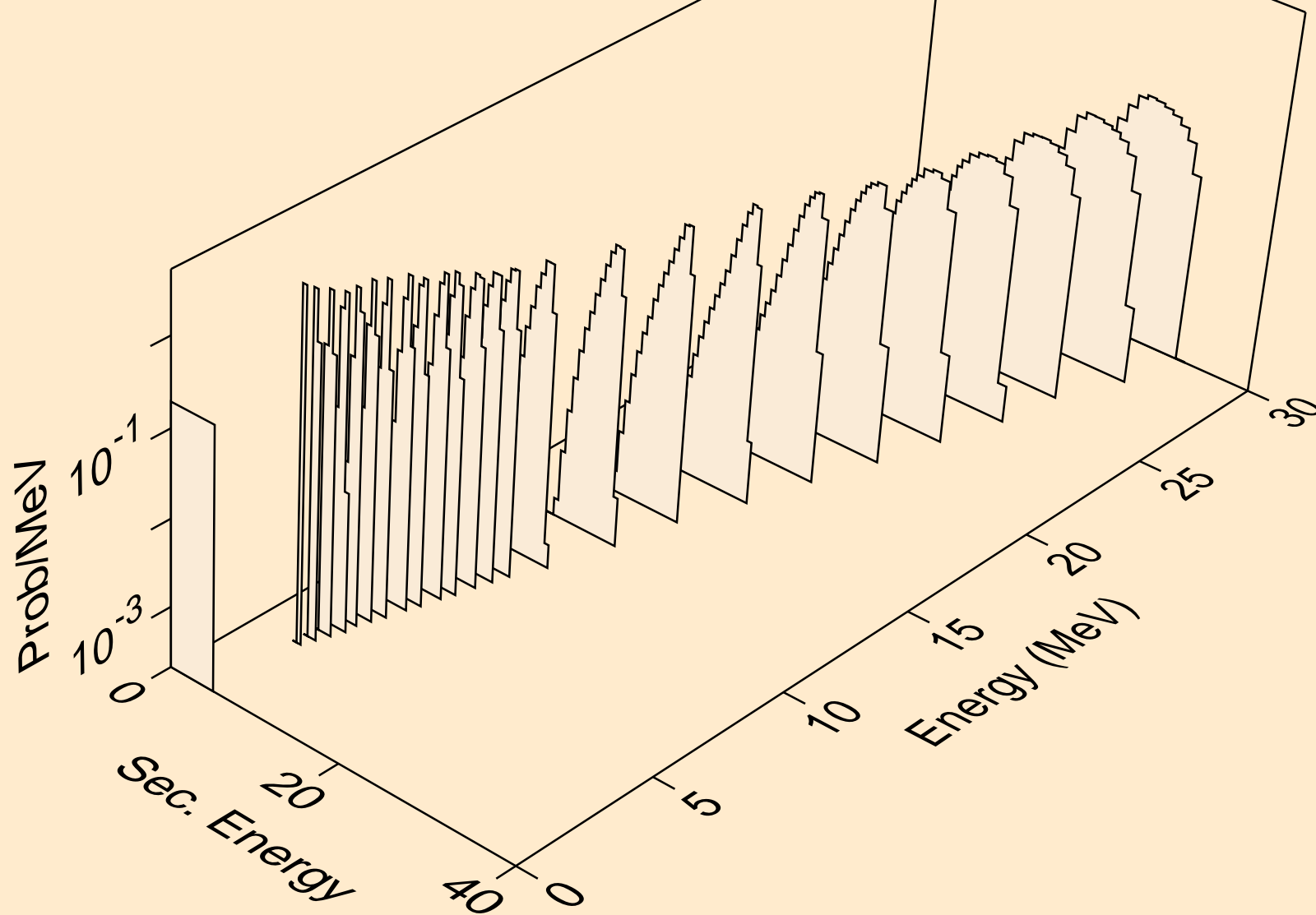
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,he3)



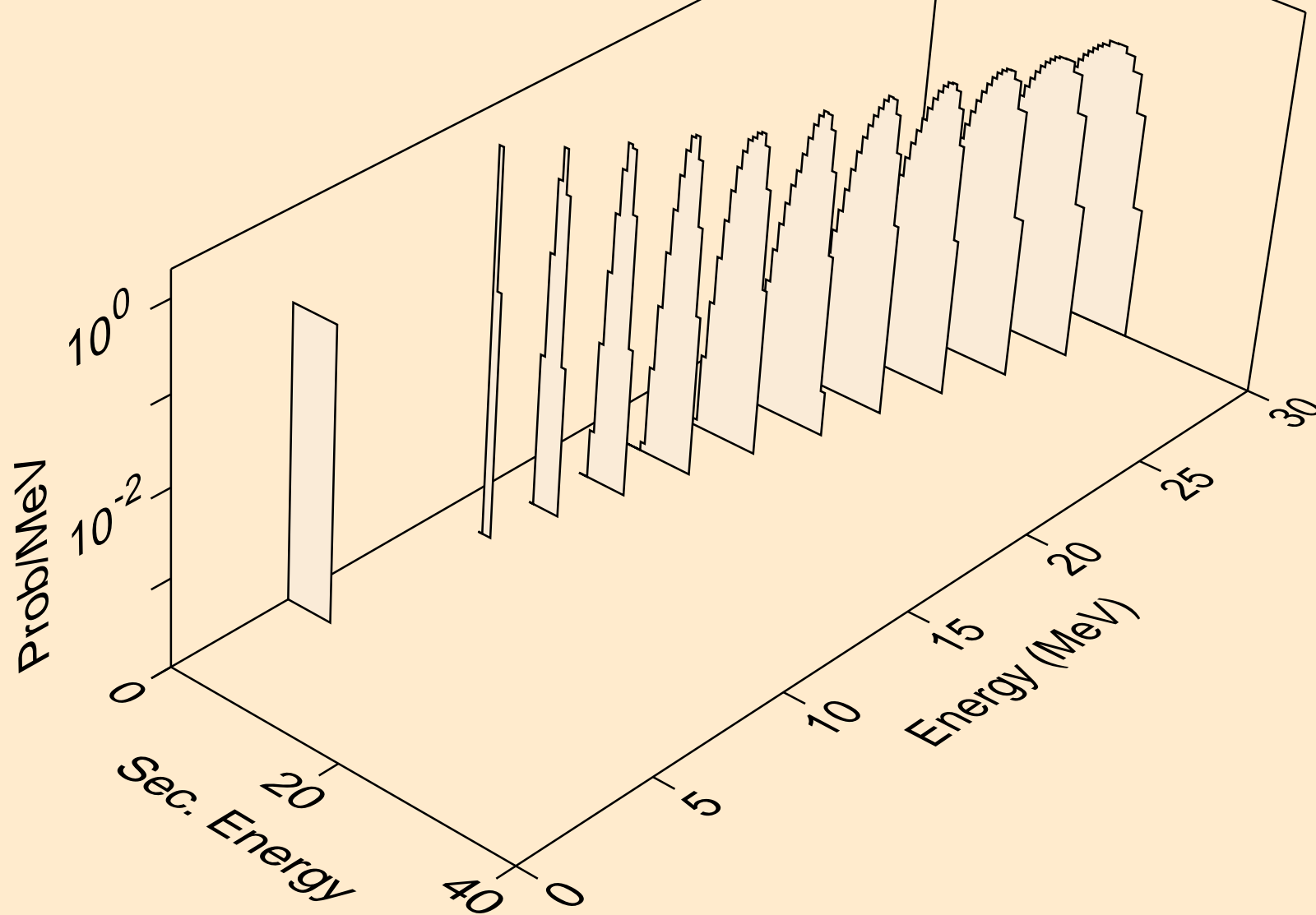
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



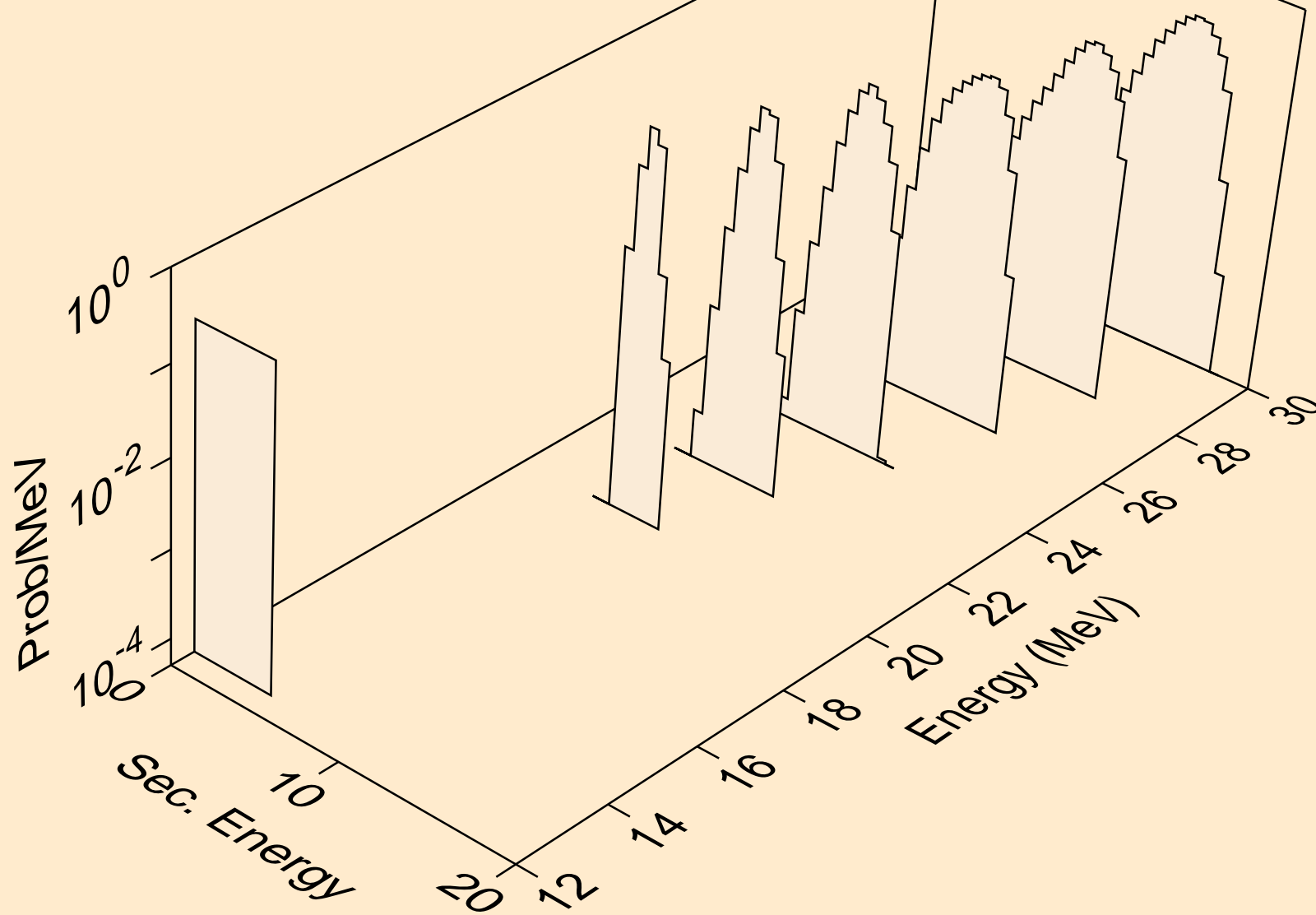
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



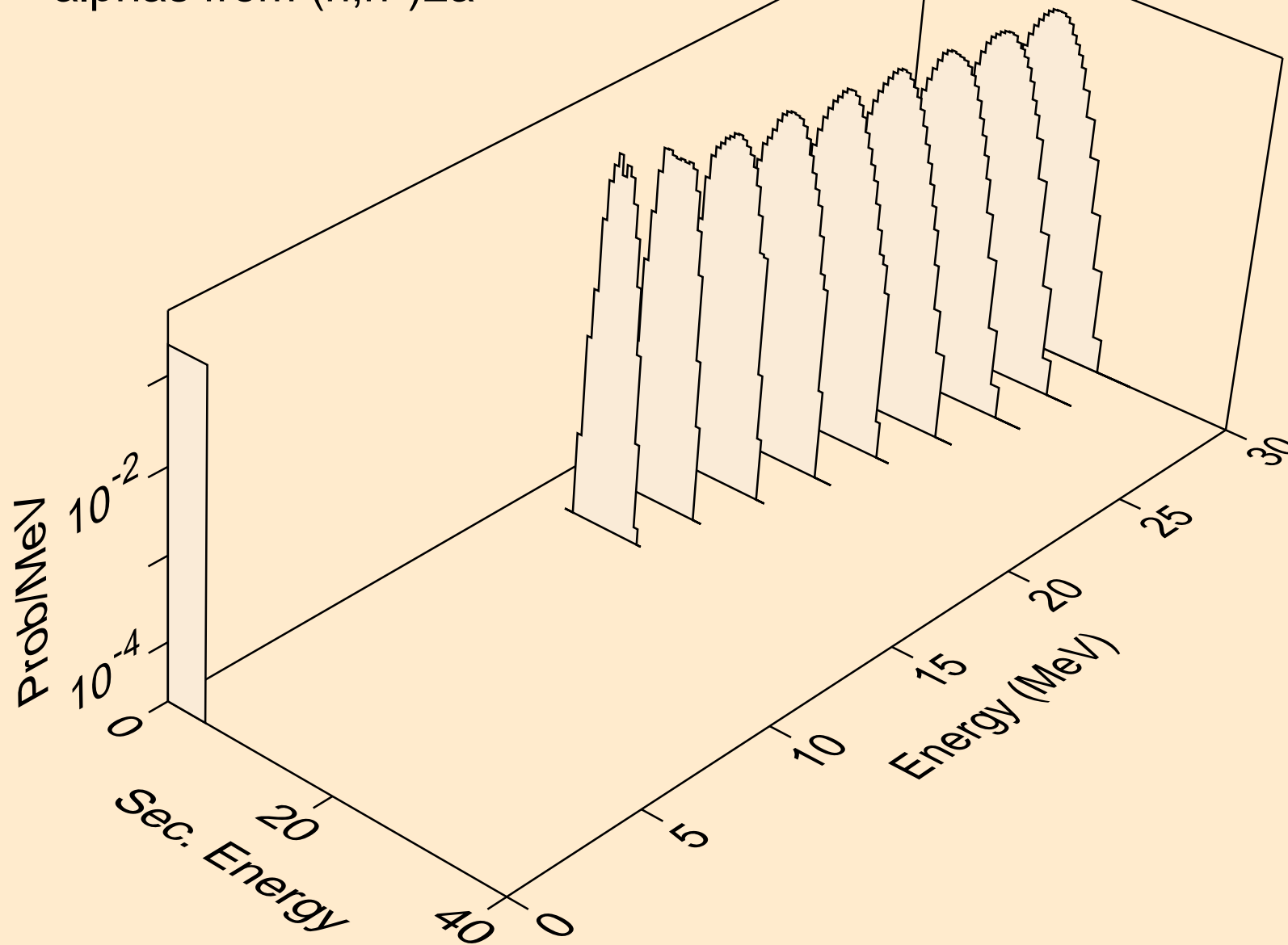
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



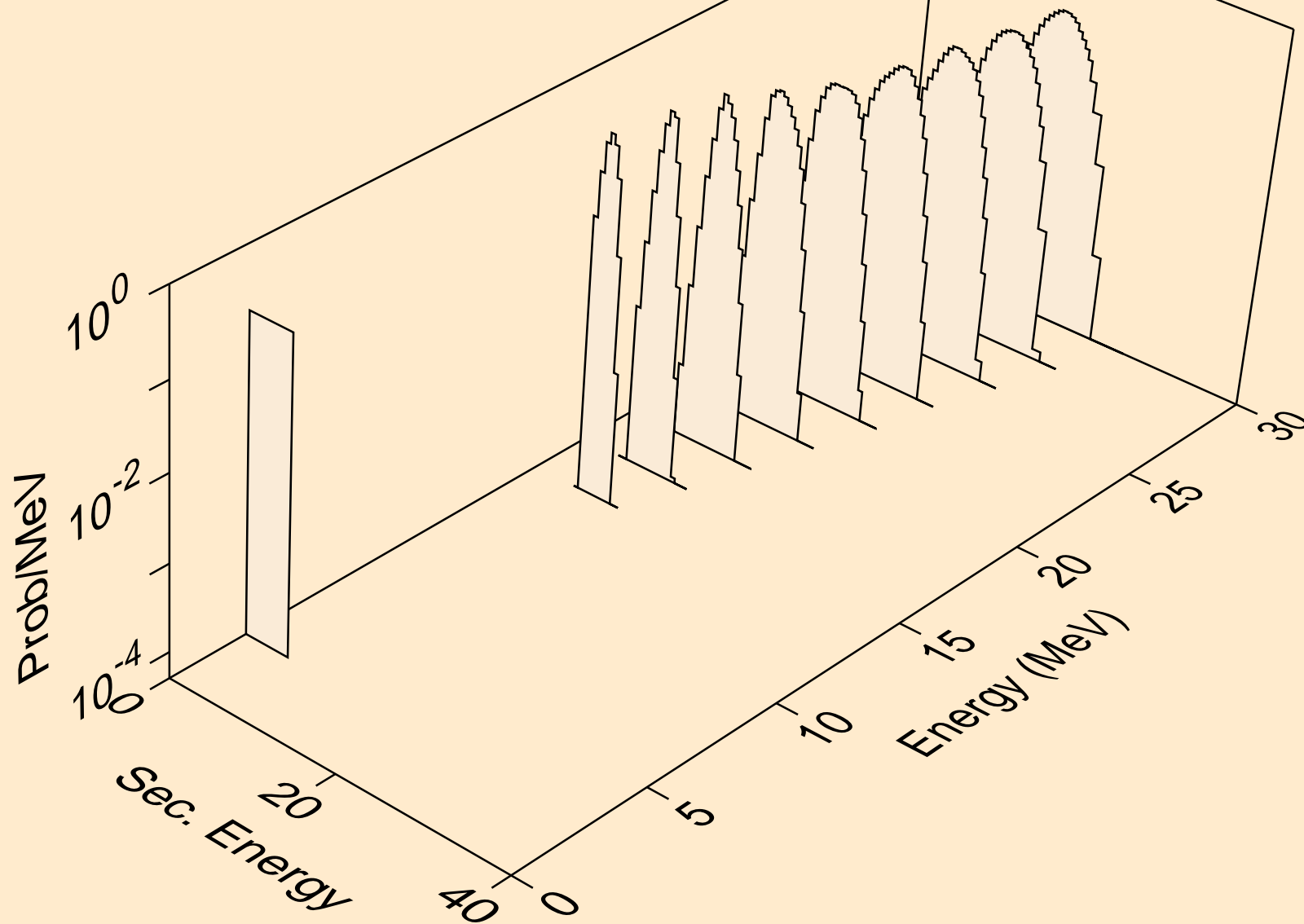
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



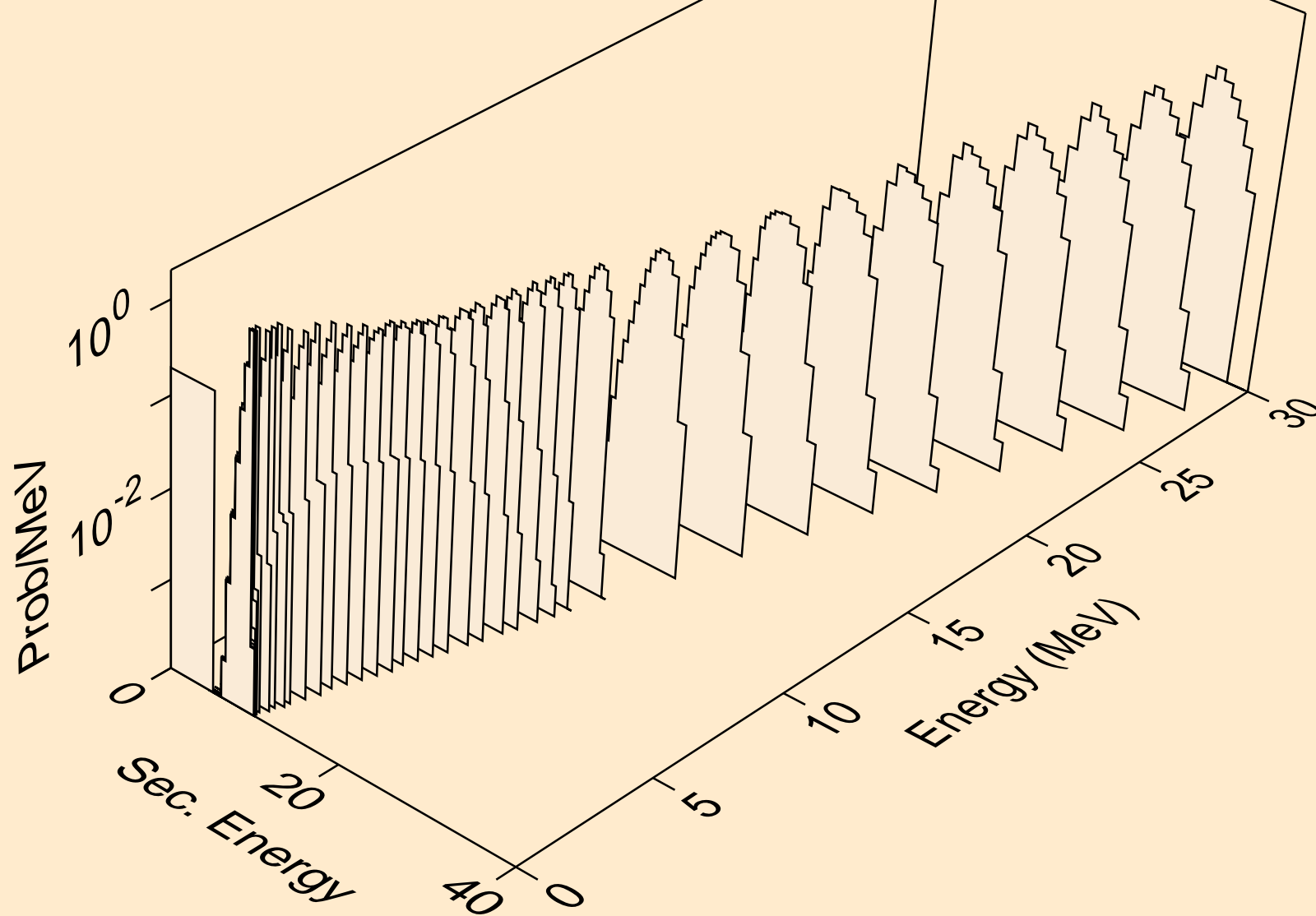
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)2a



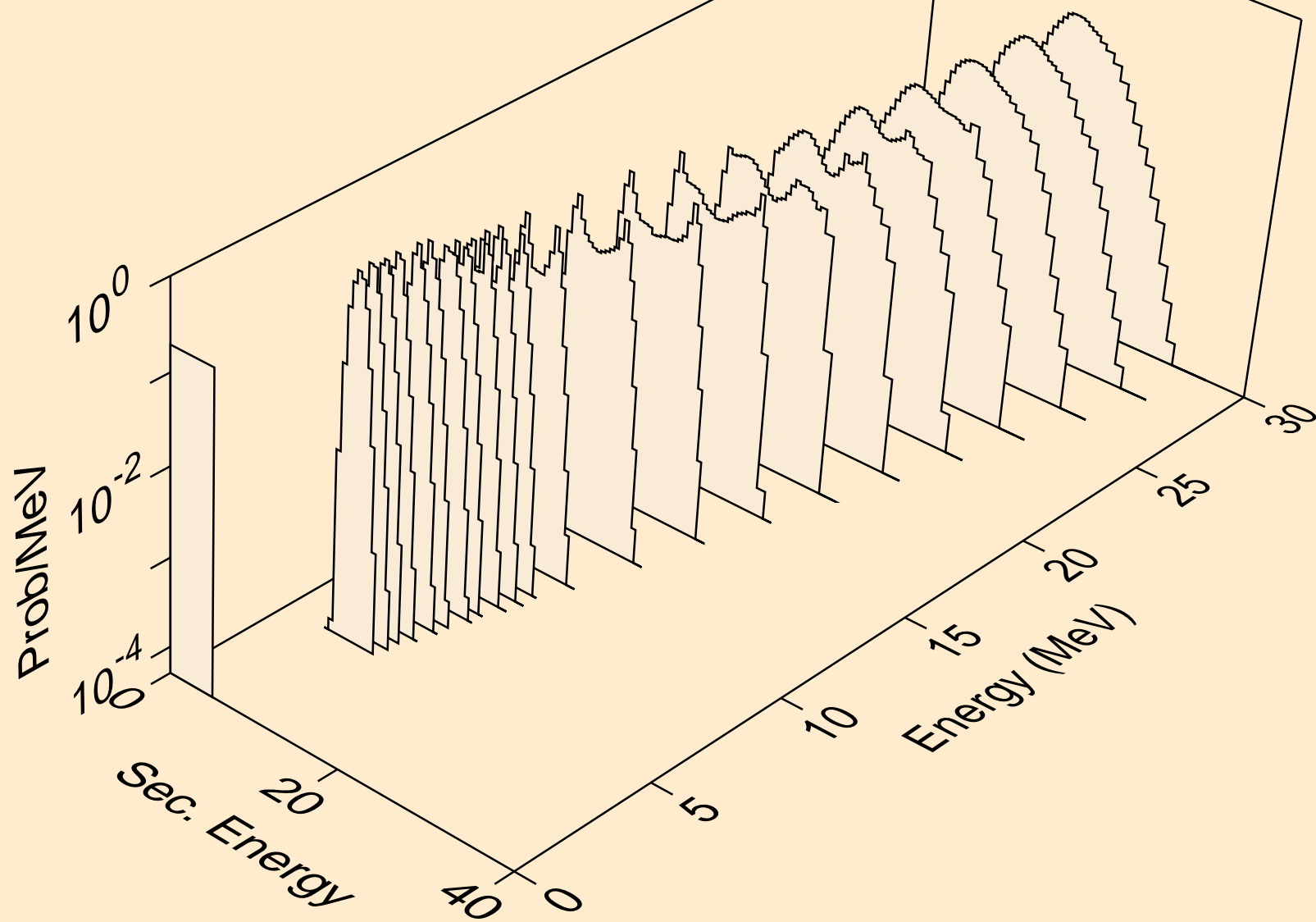
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



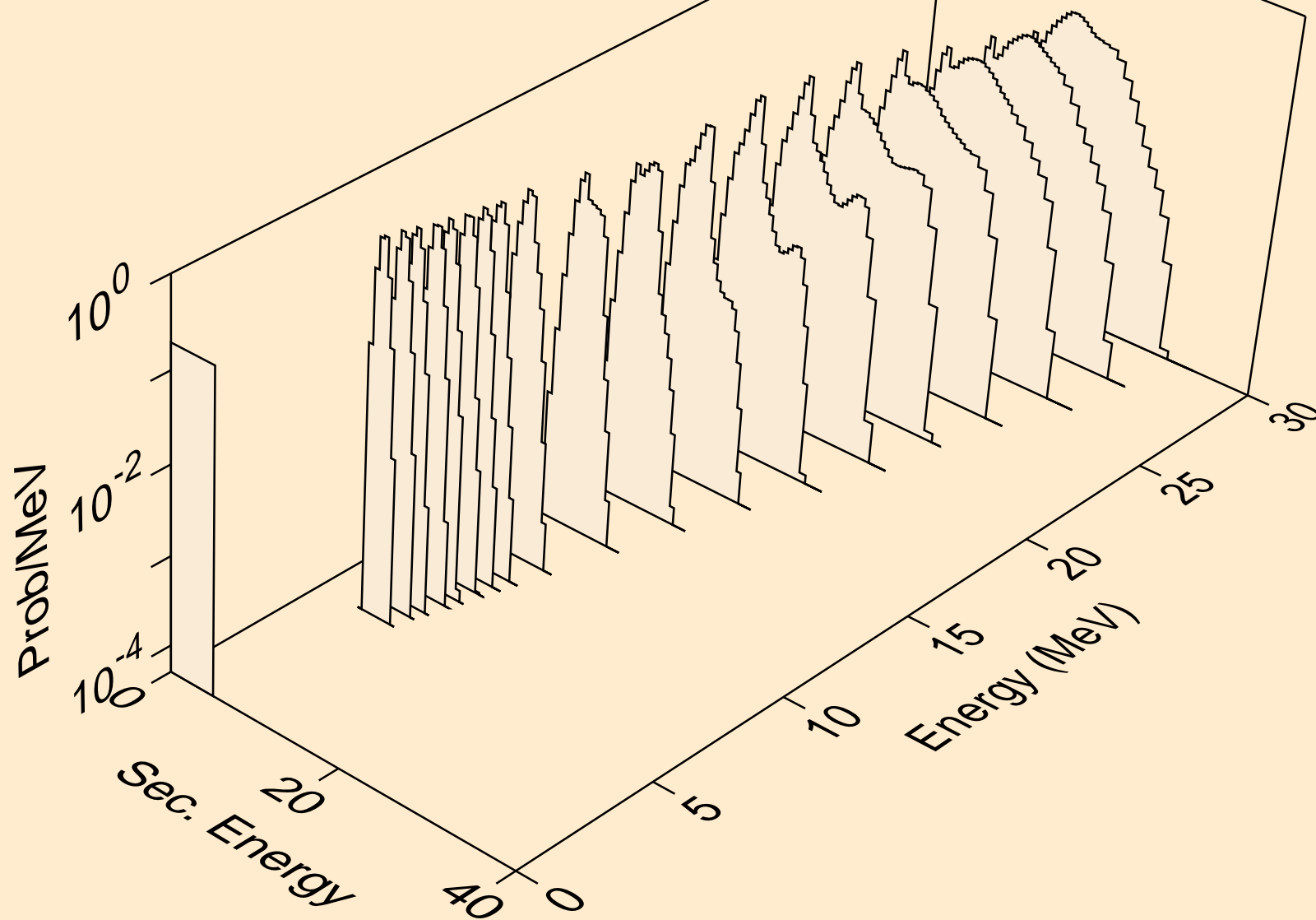
TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)



TA178 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

