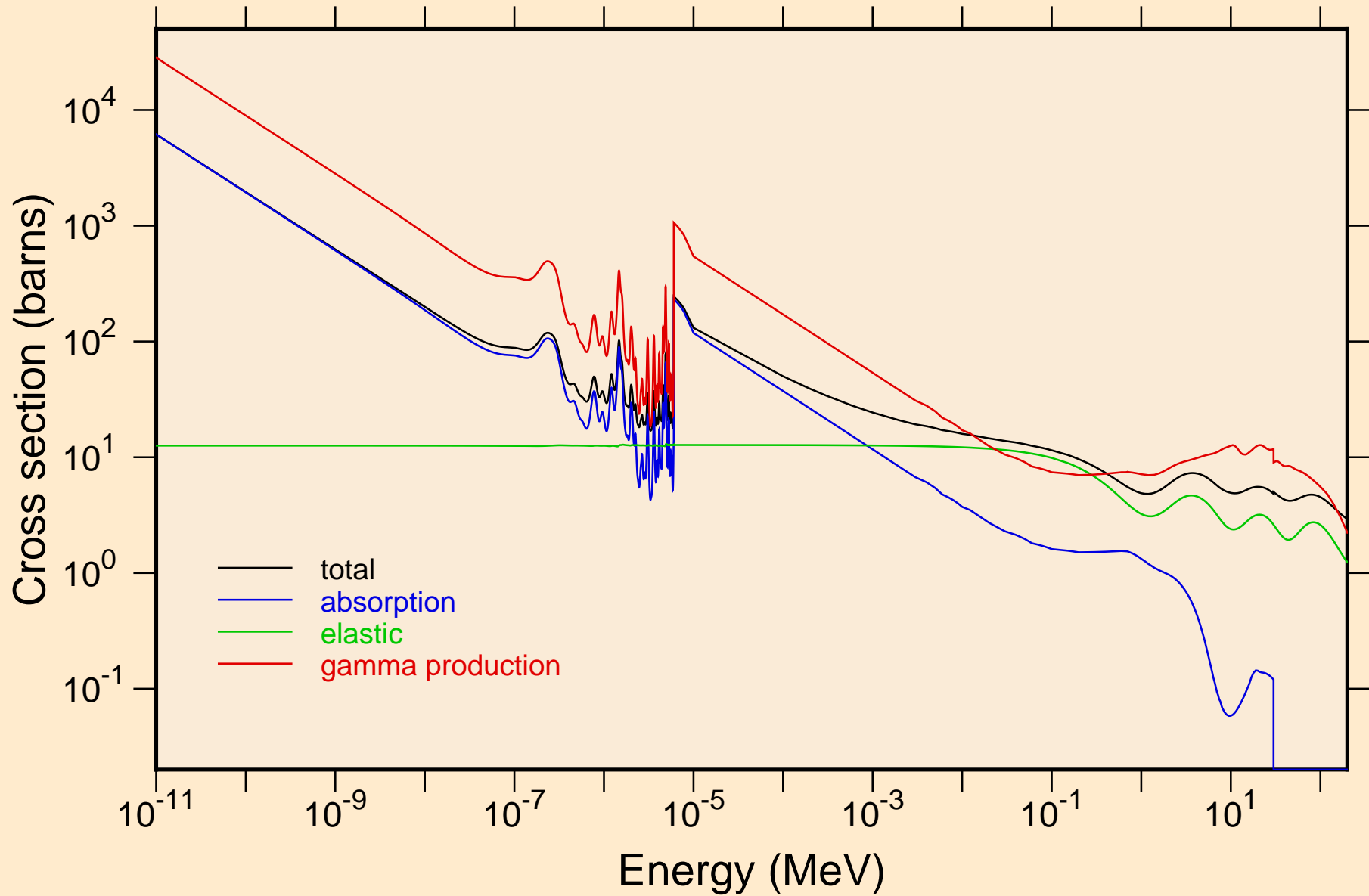
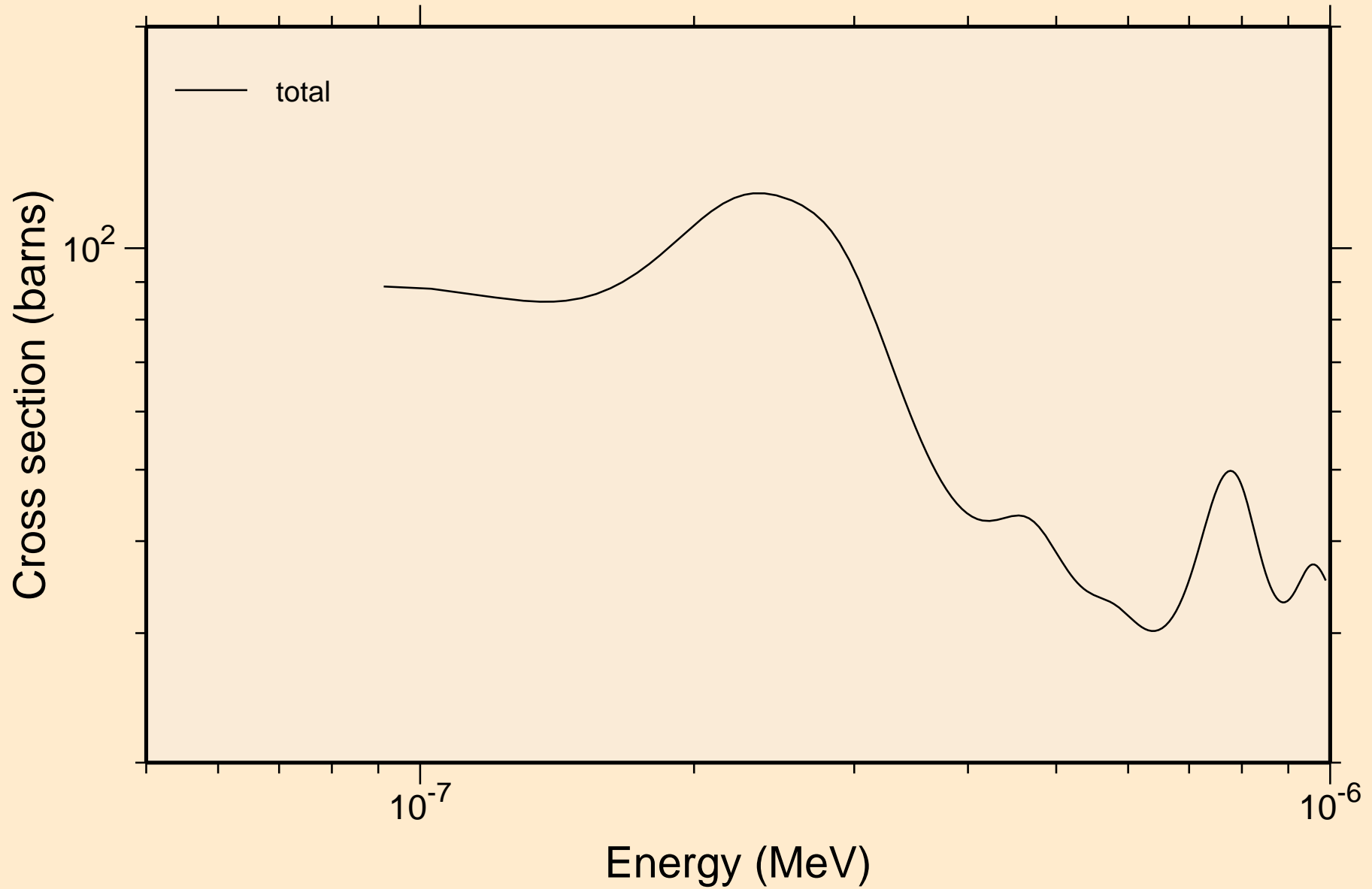


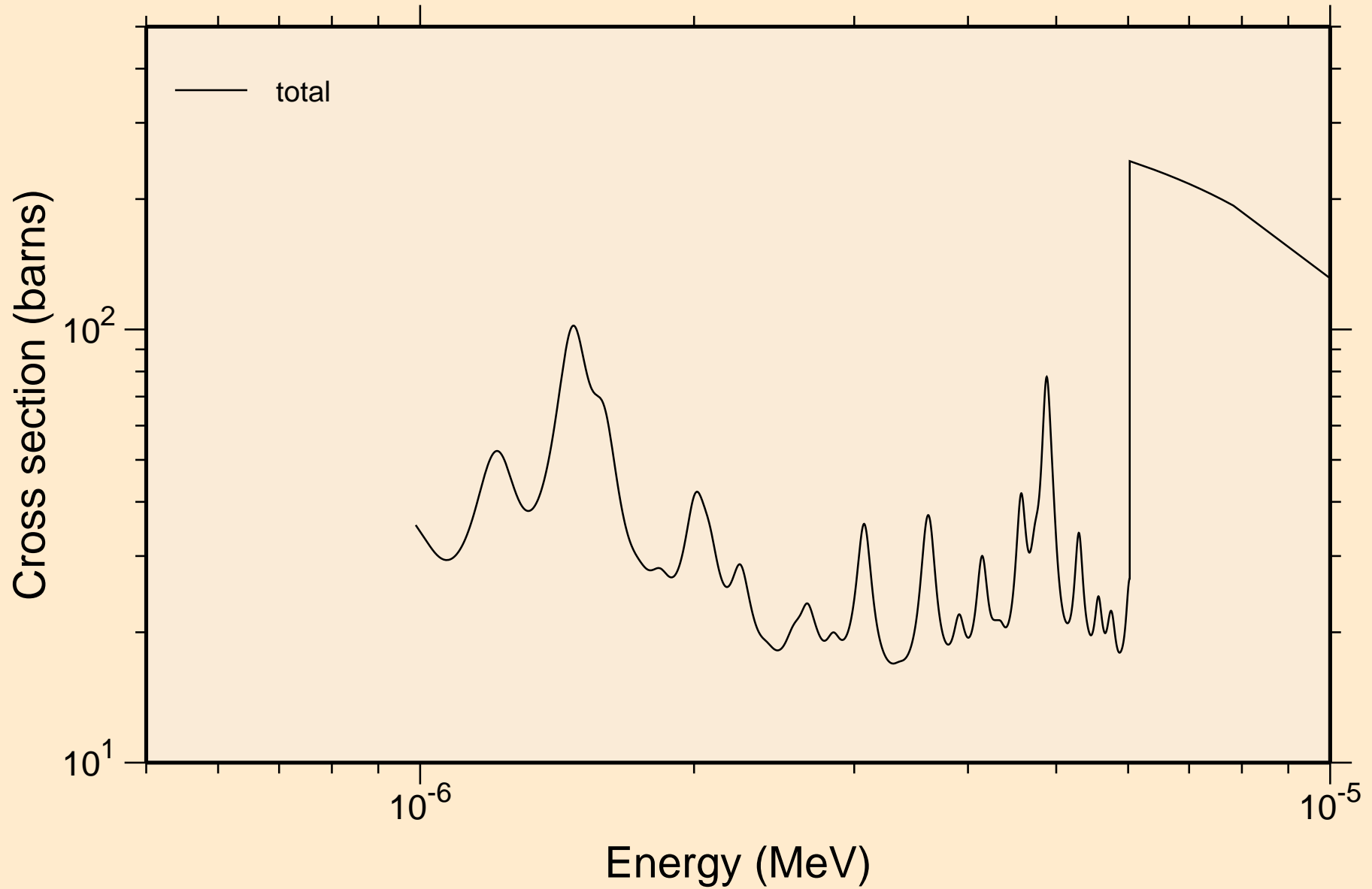
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



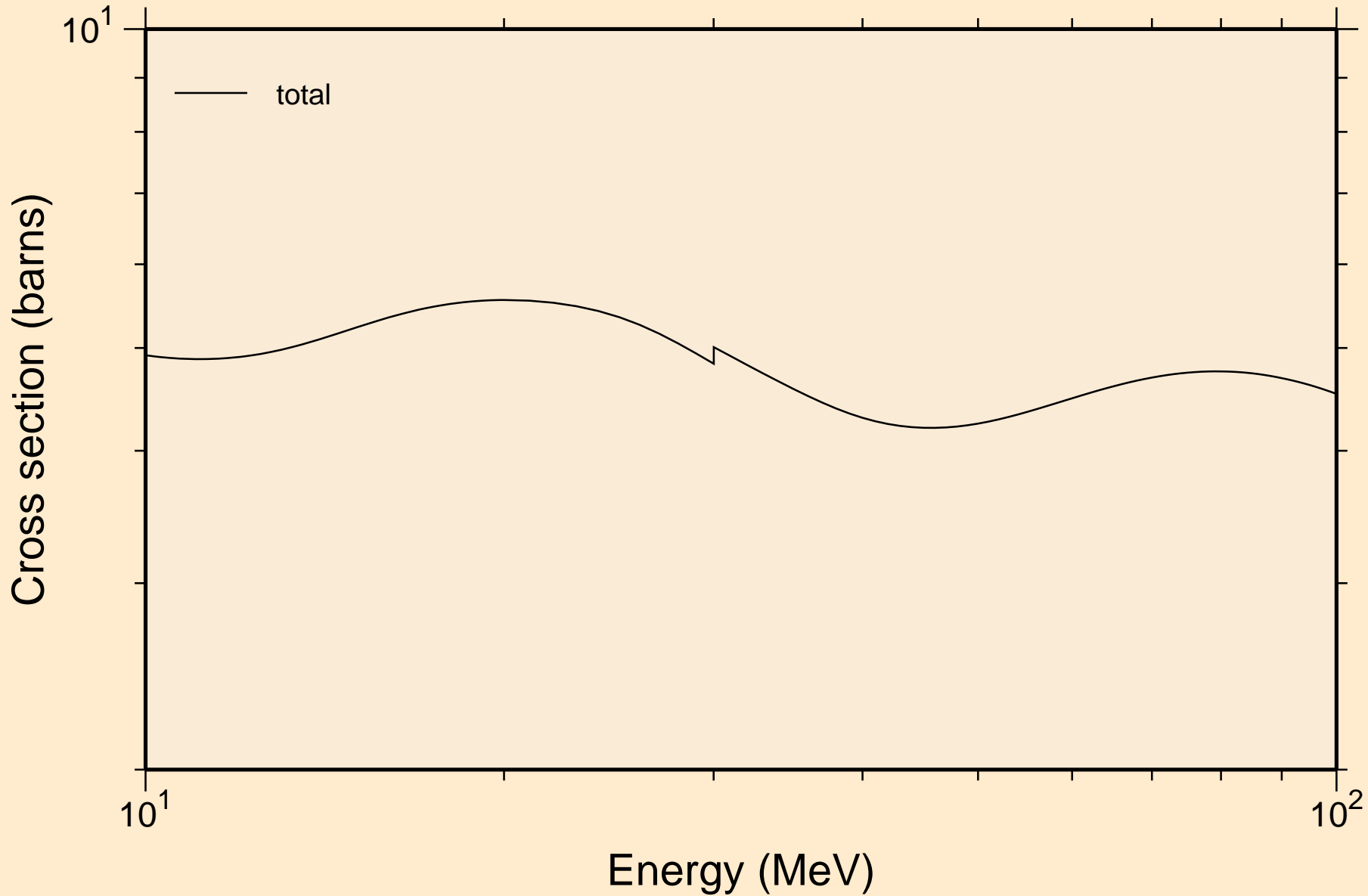
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



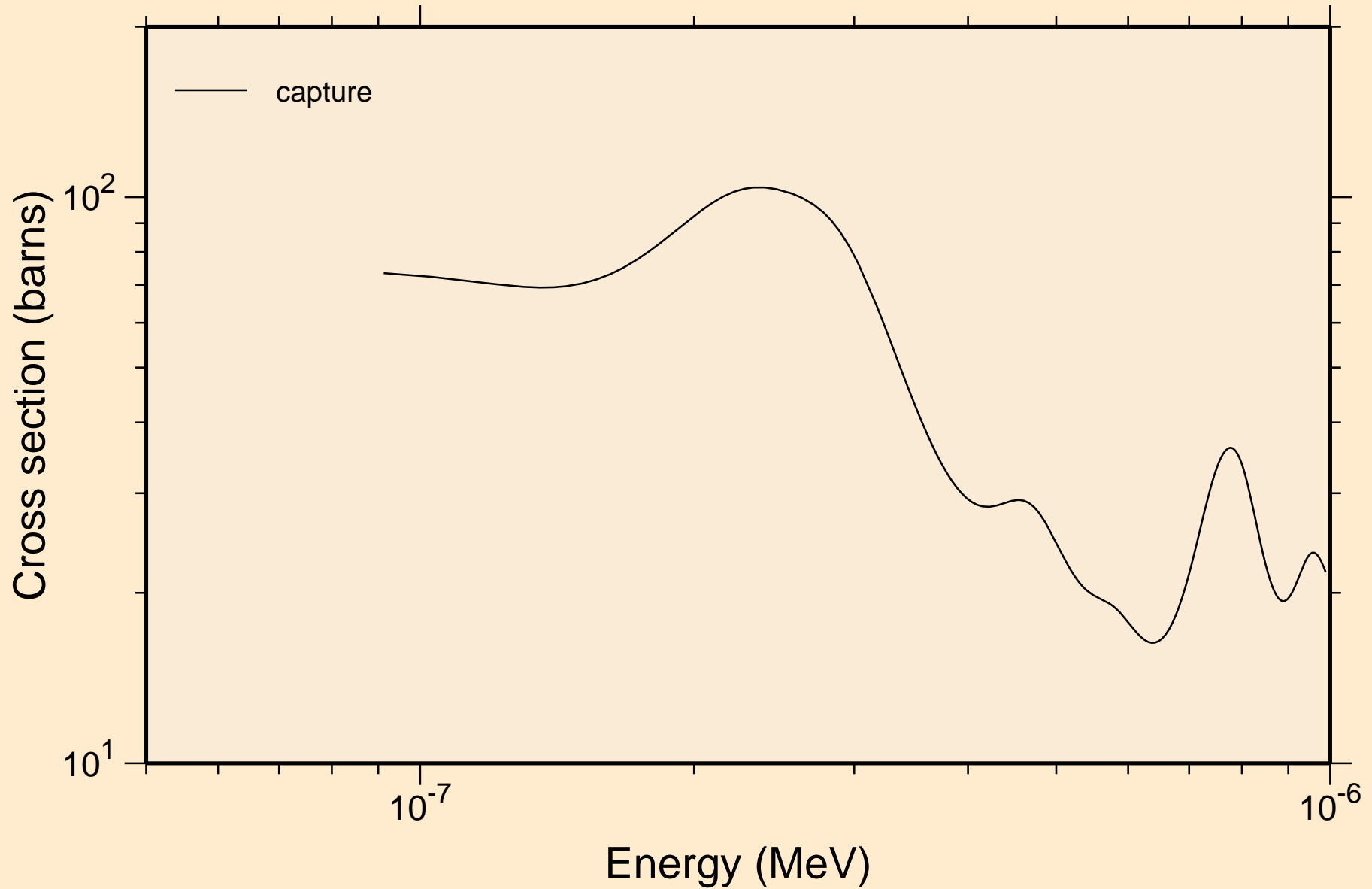
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



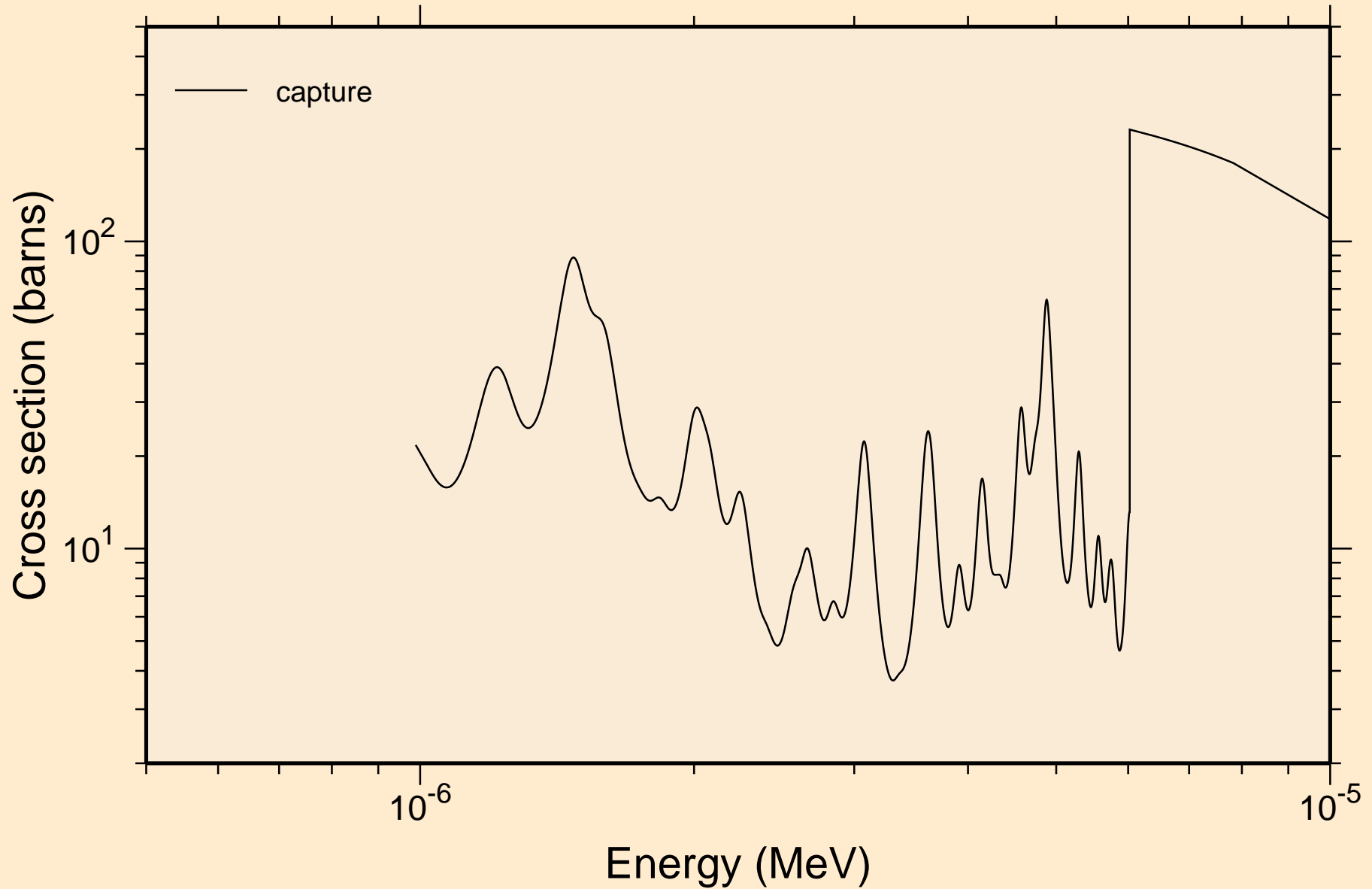
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resonance total cross section



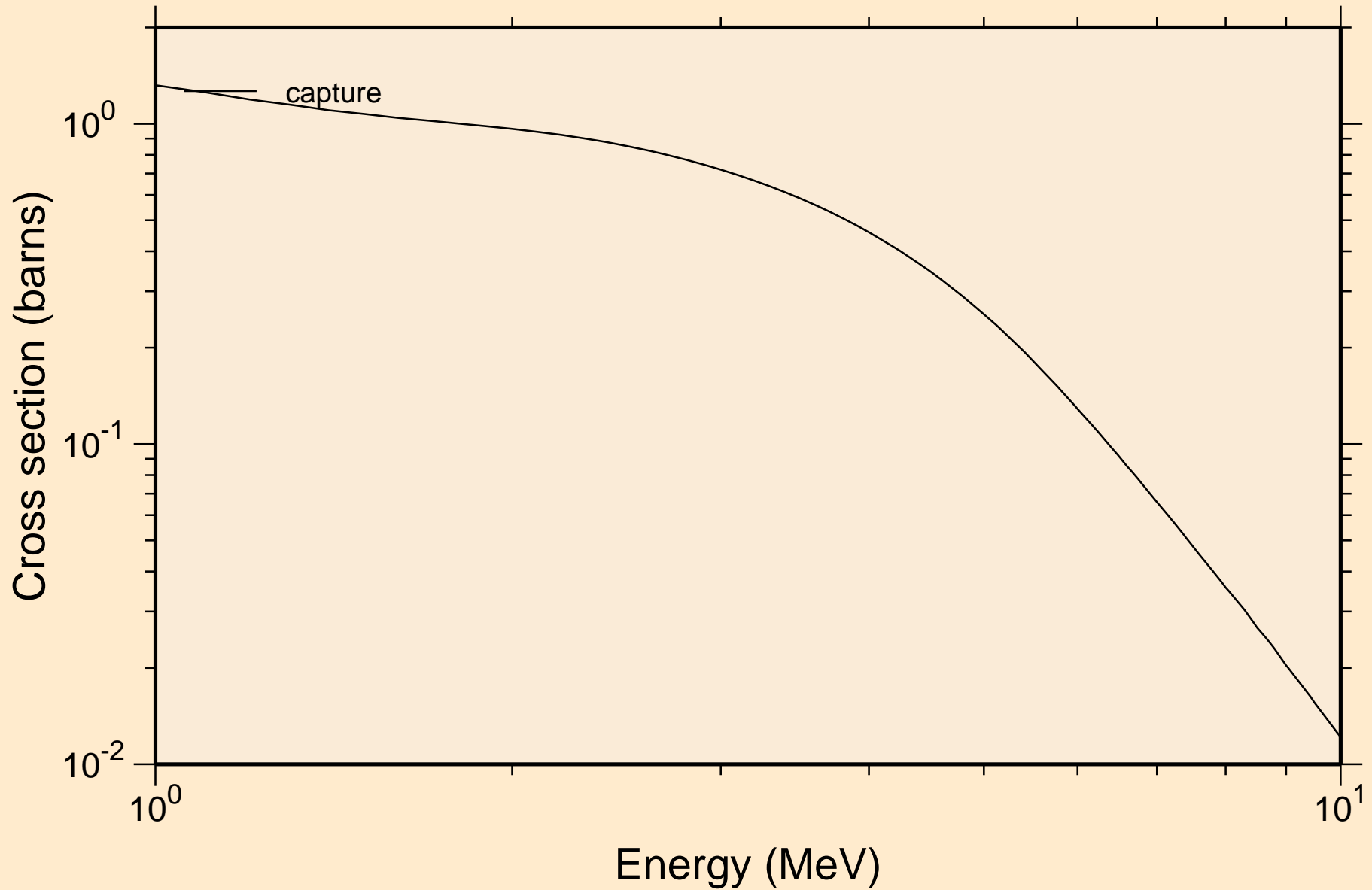
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

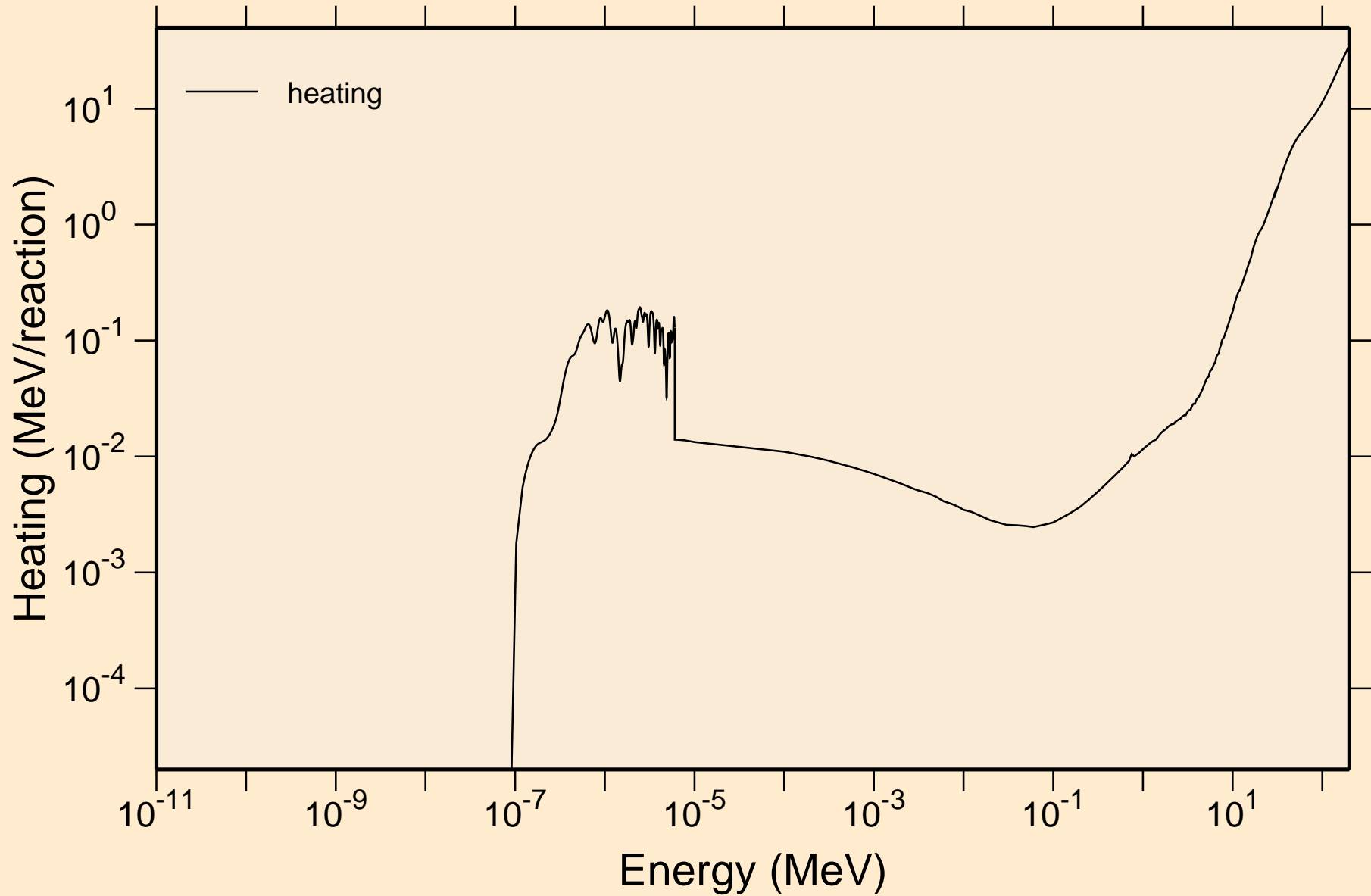


BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

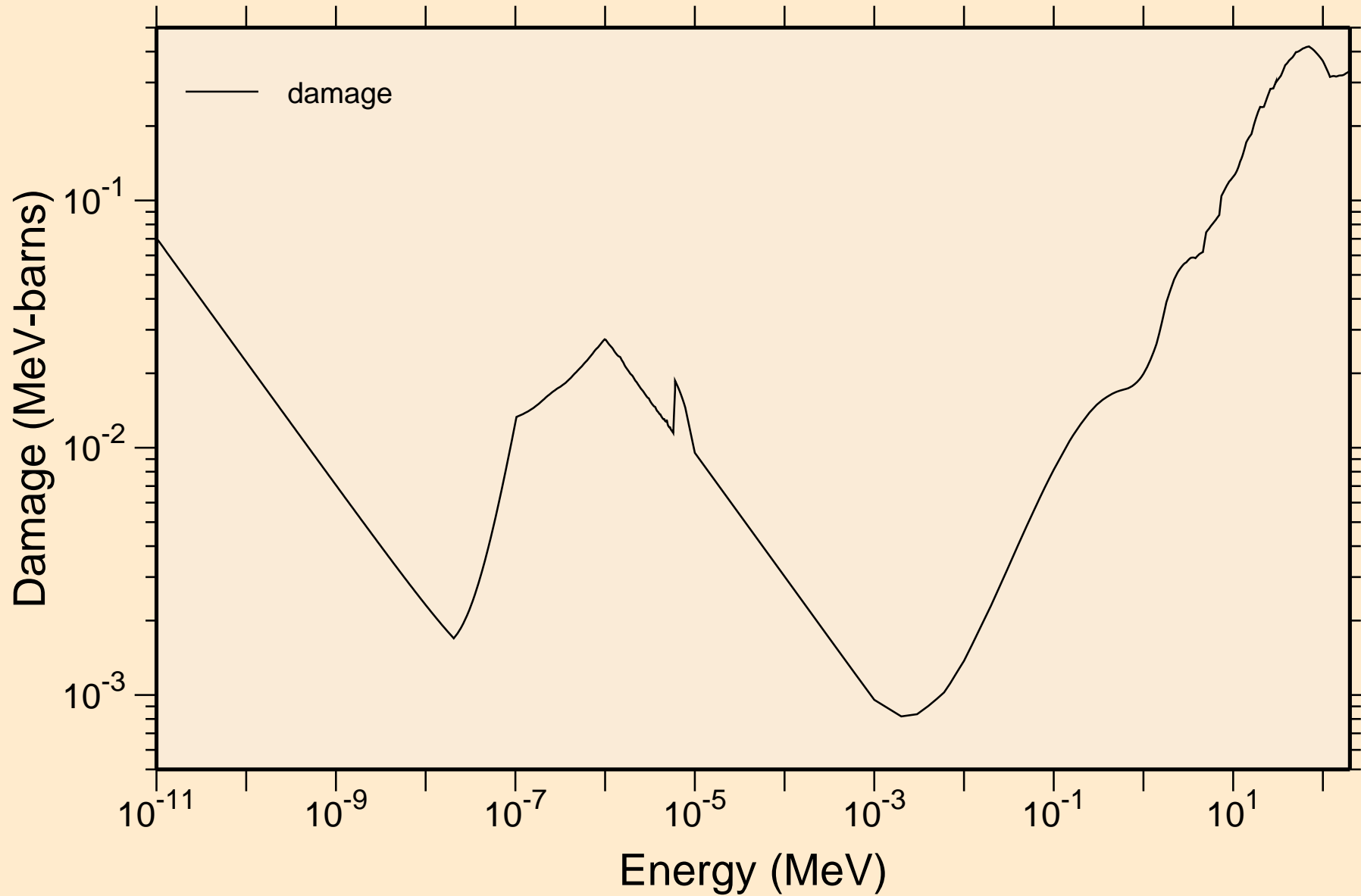


BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

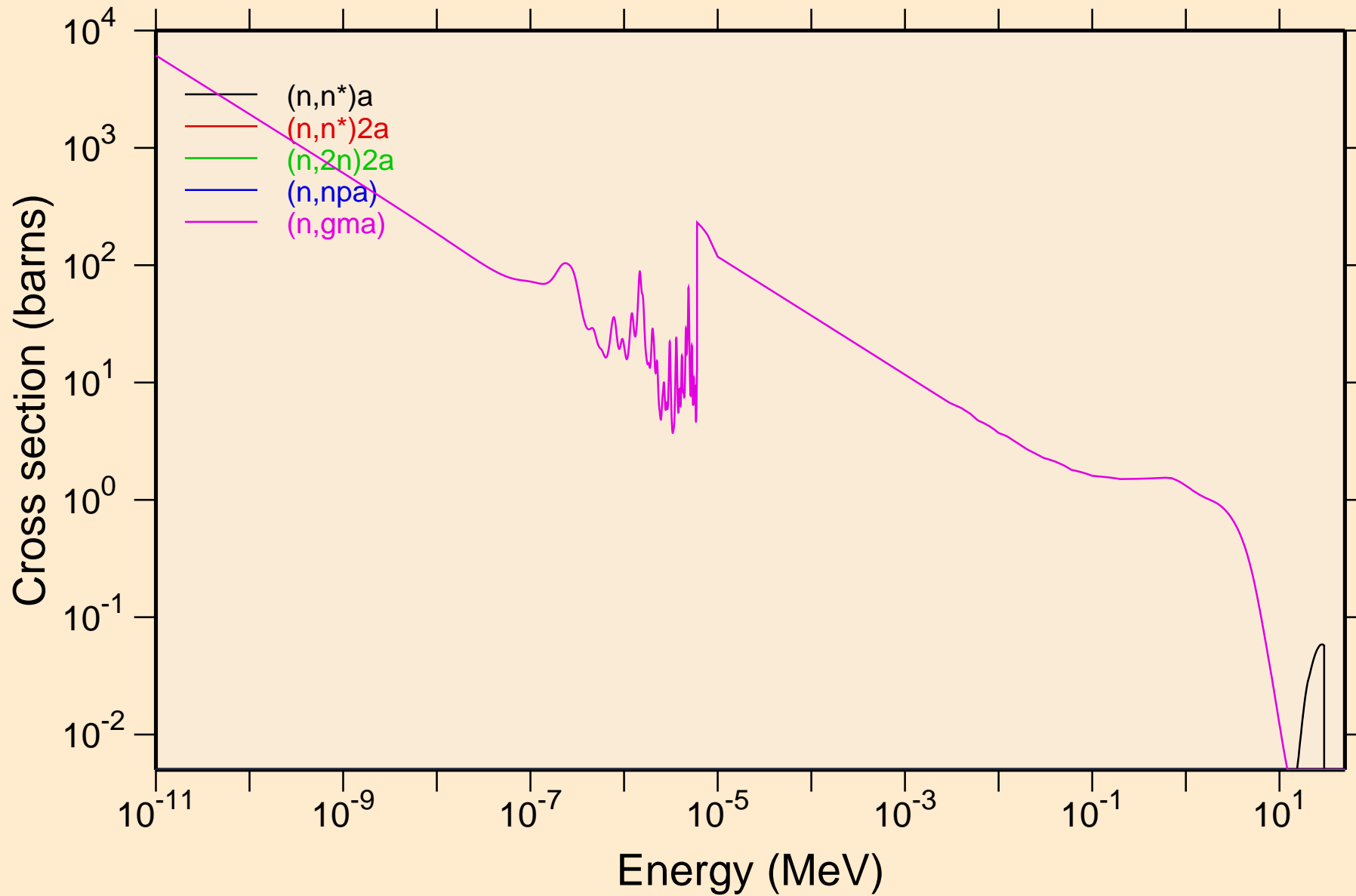
Heating



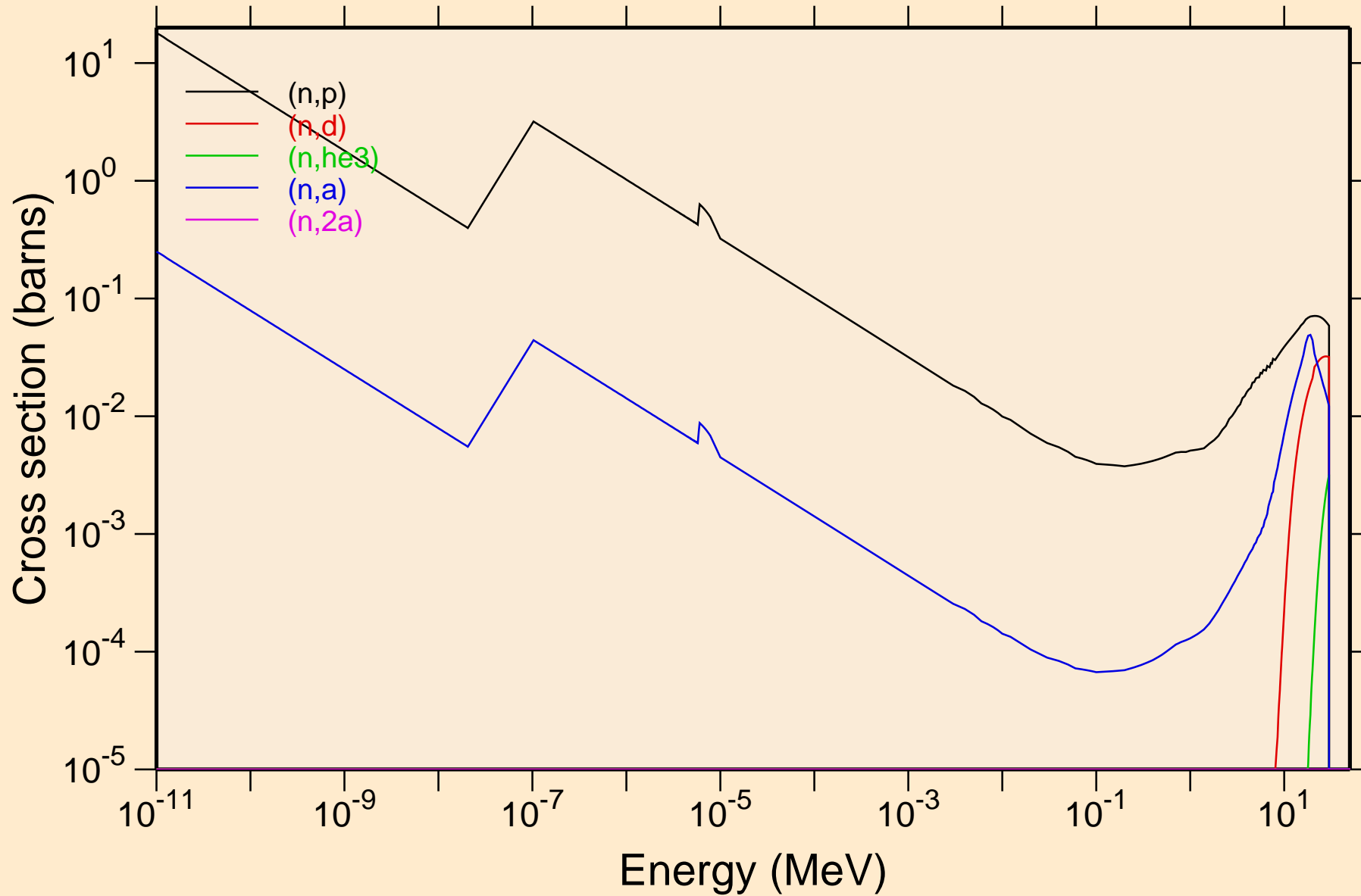
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



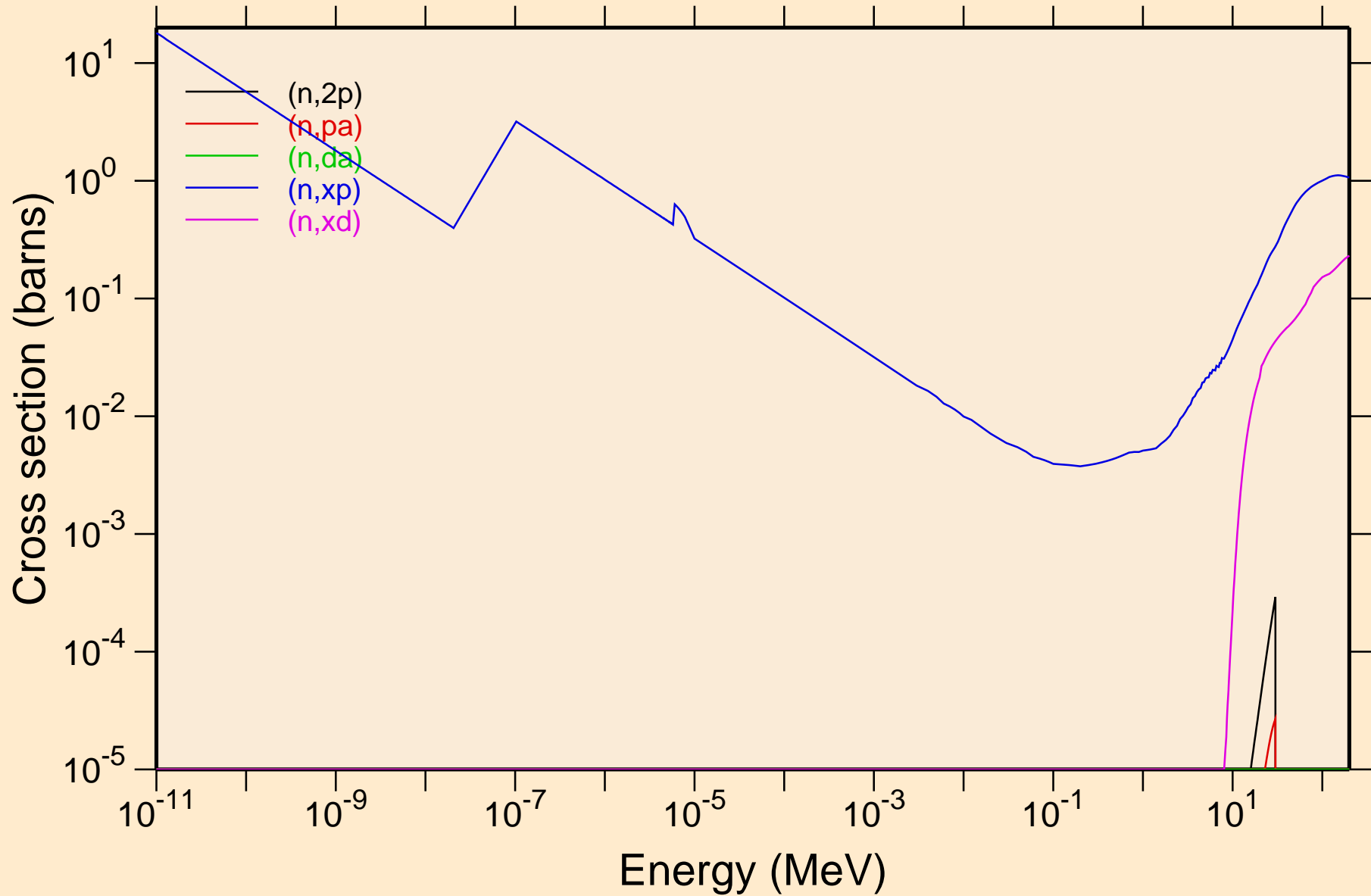
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



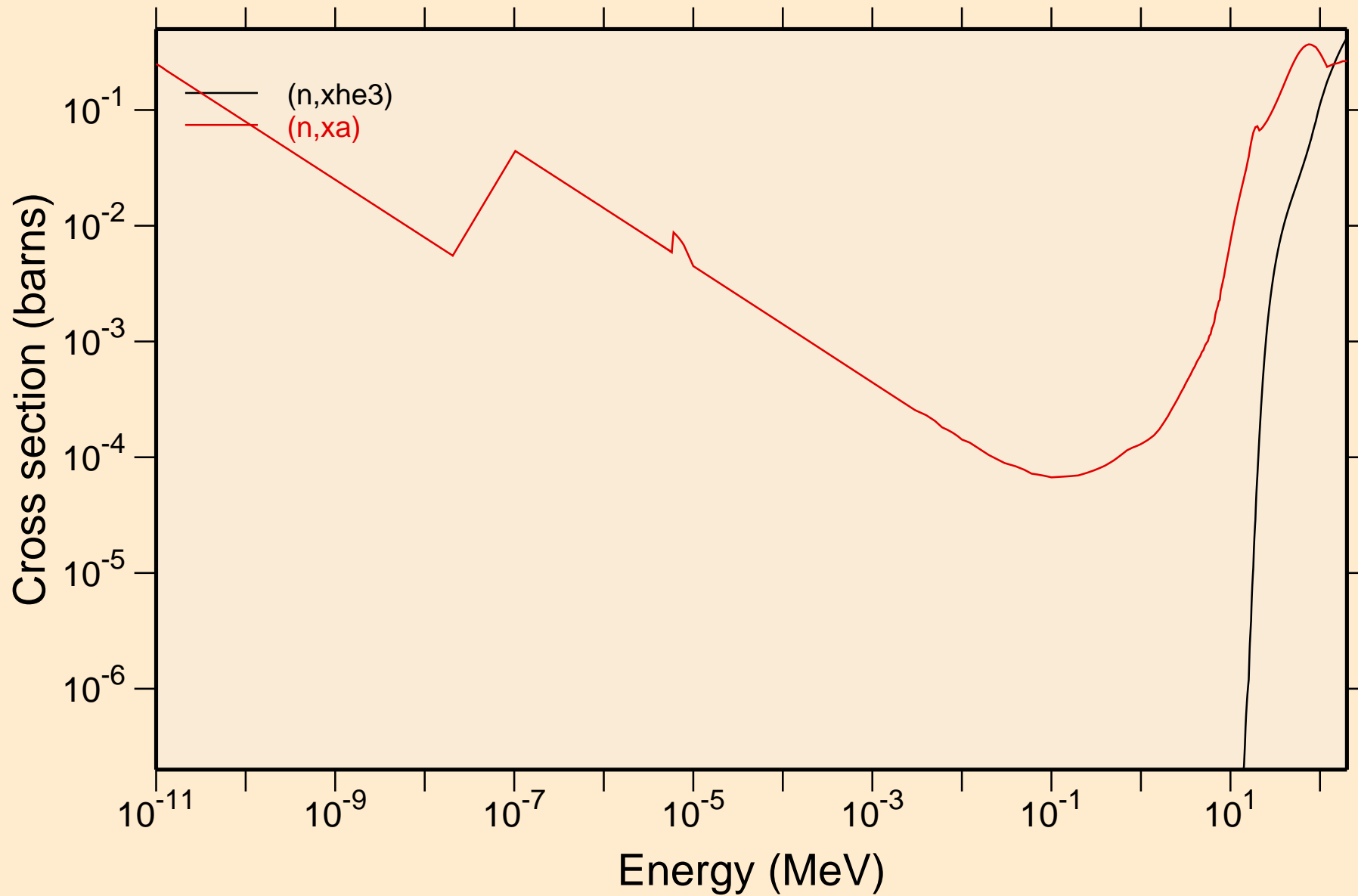
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

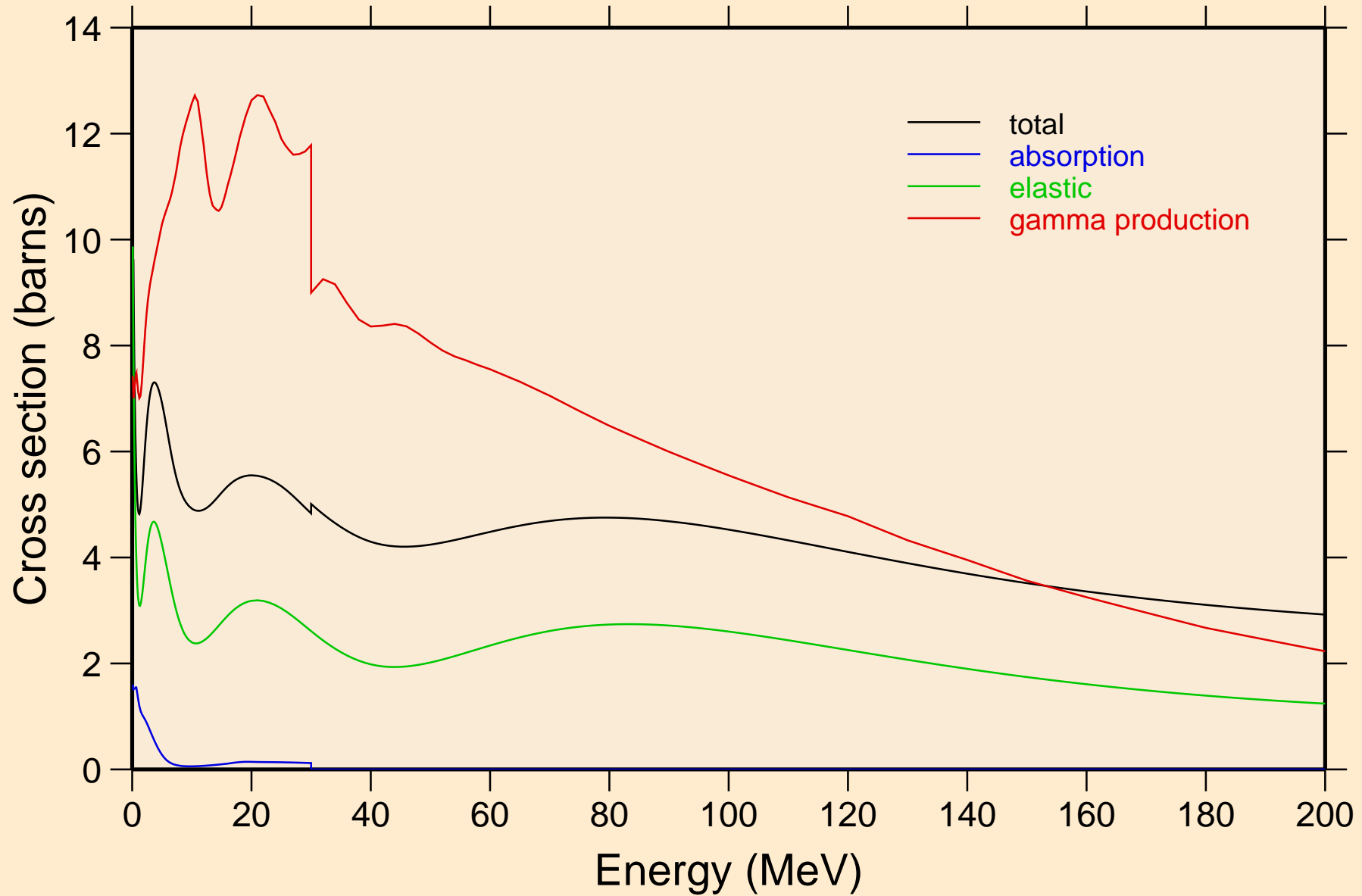


BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



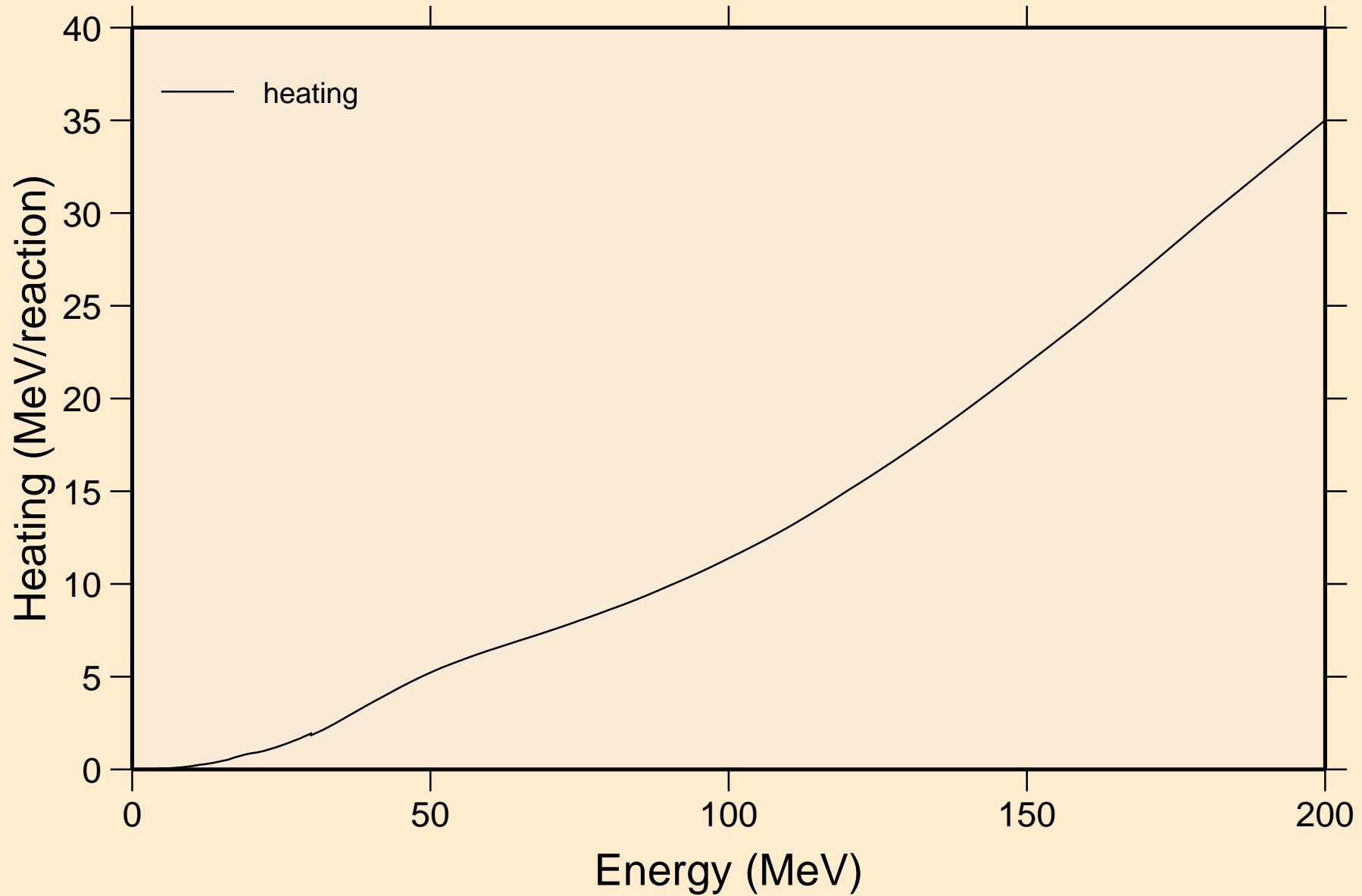
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Principal cross sections

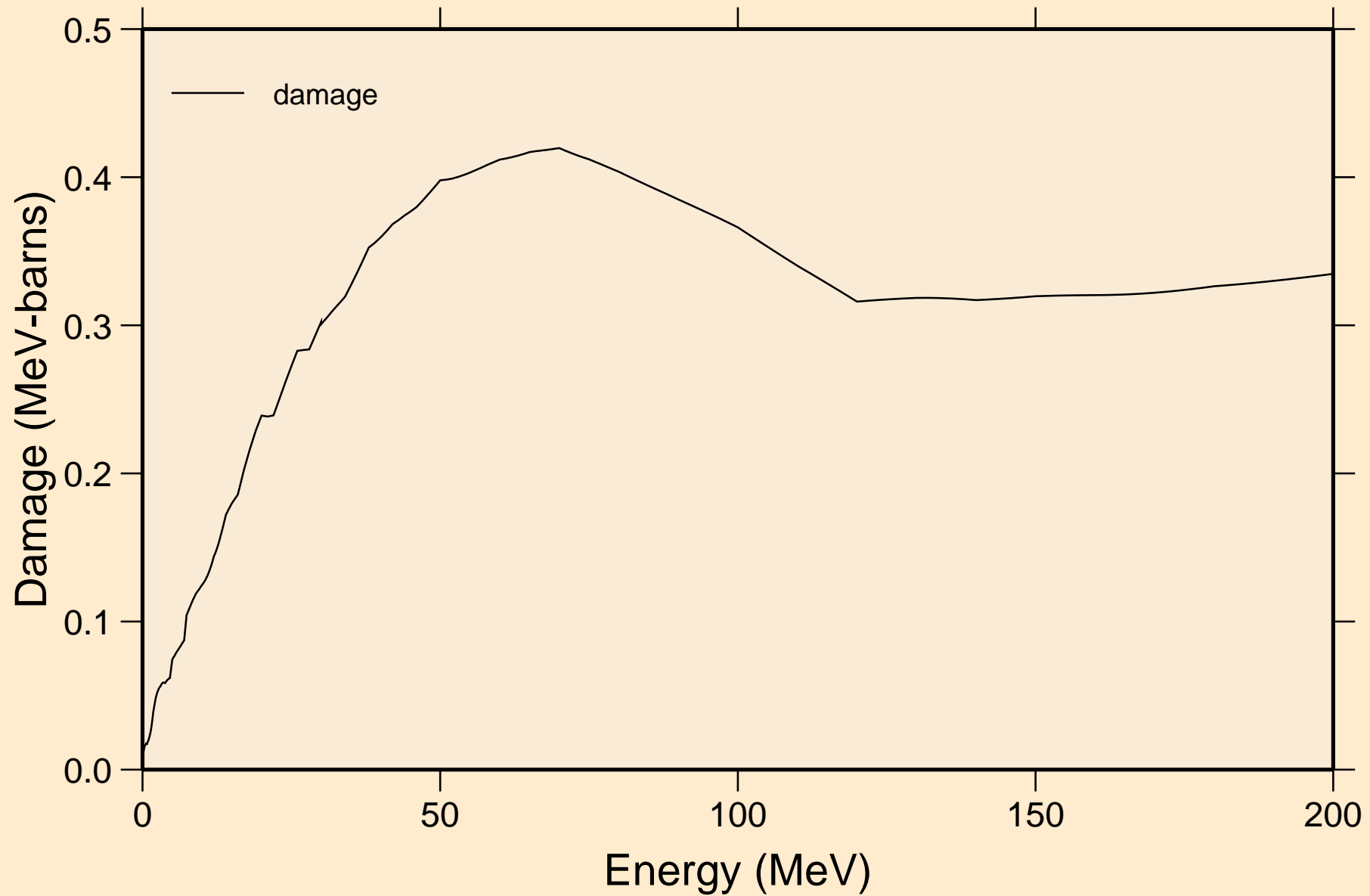


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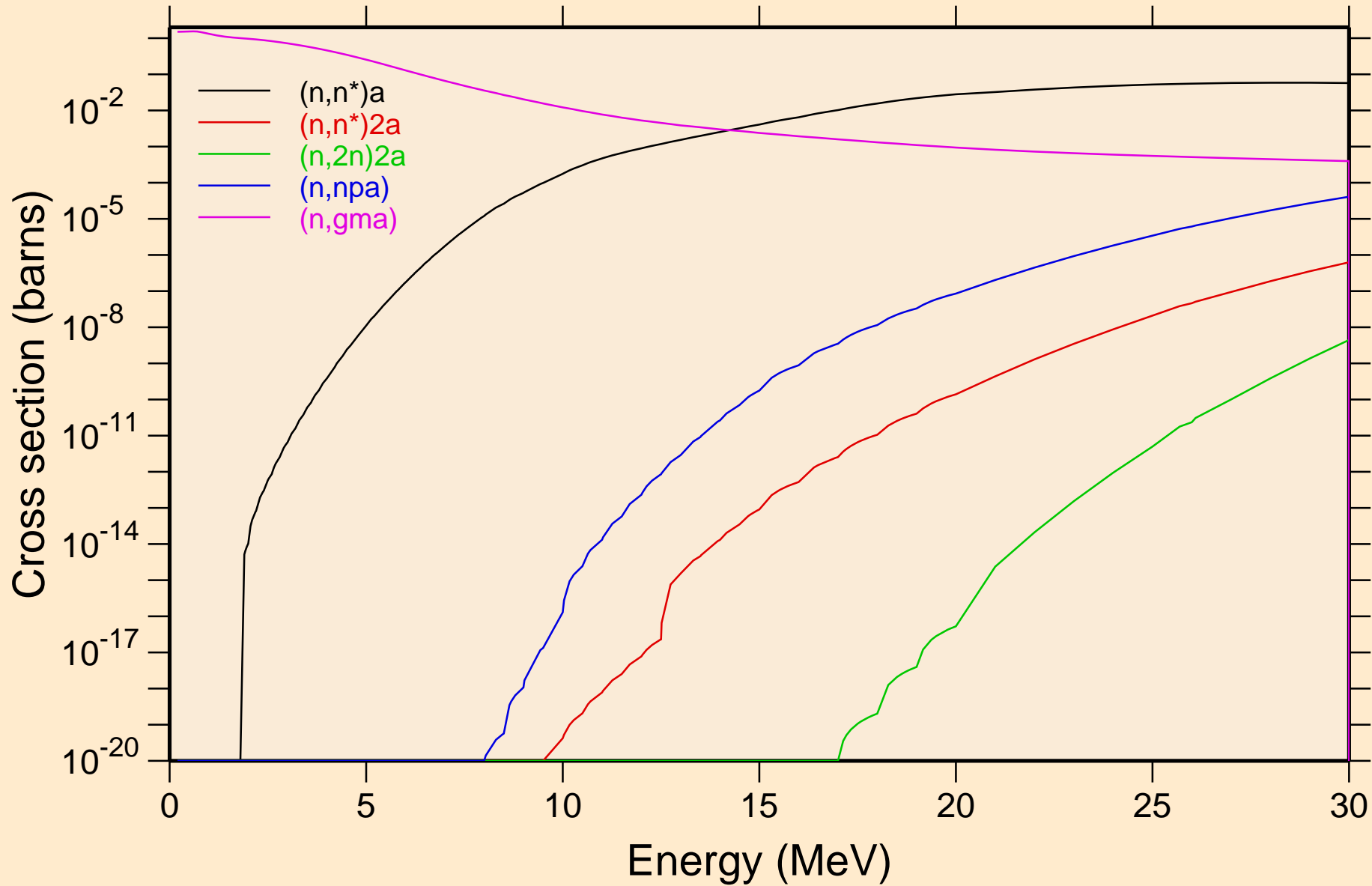
Heating



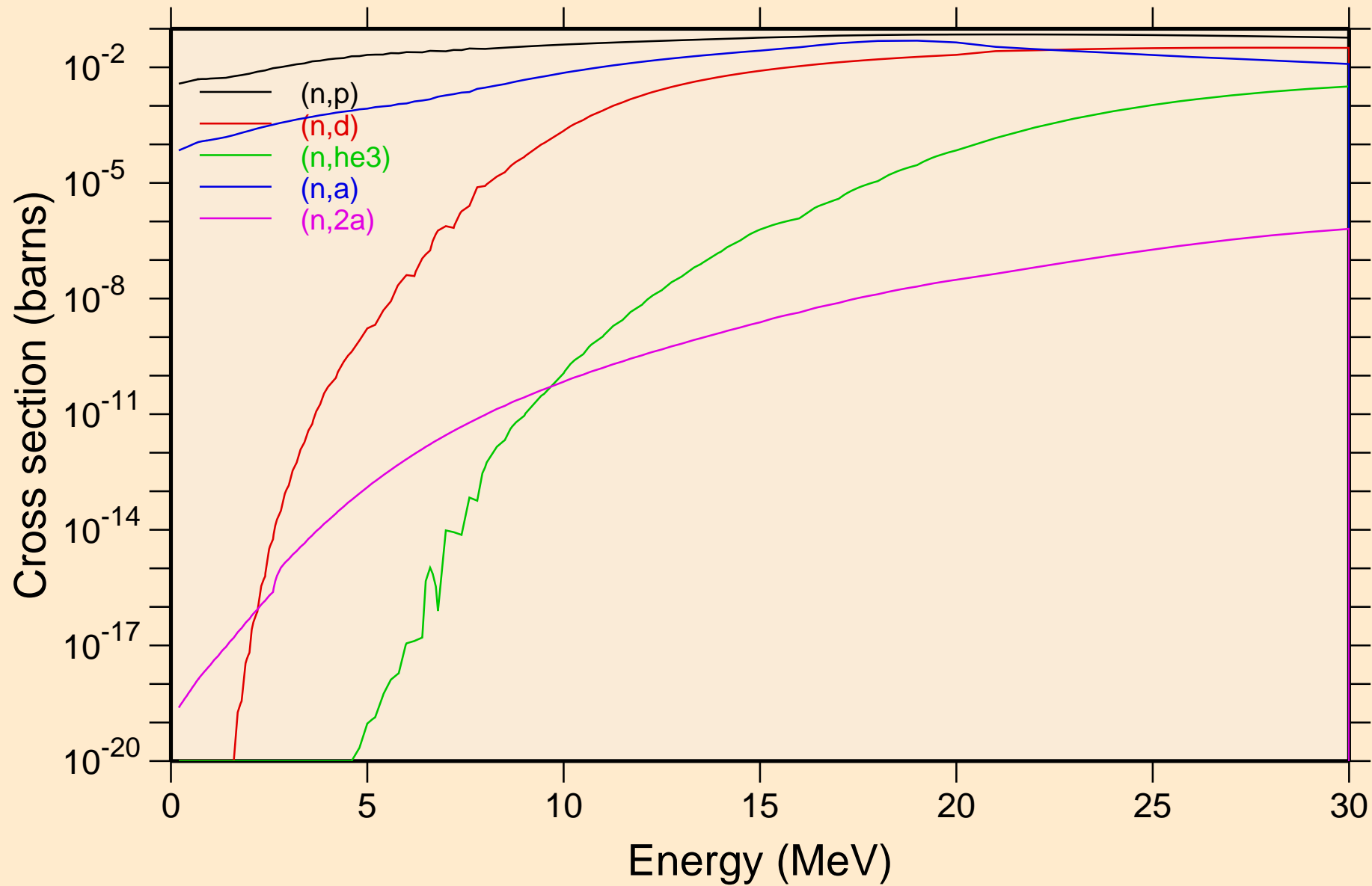
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

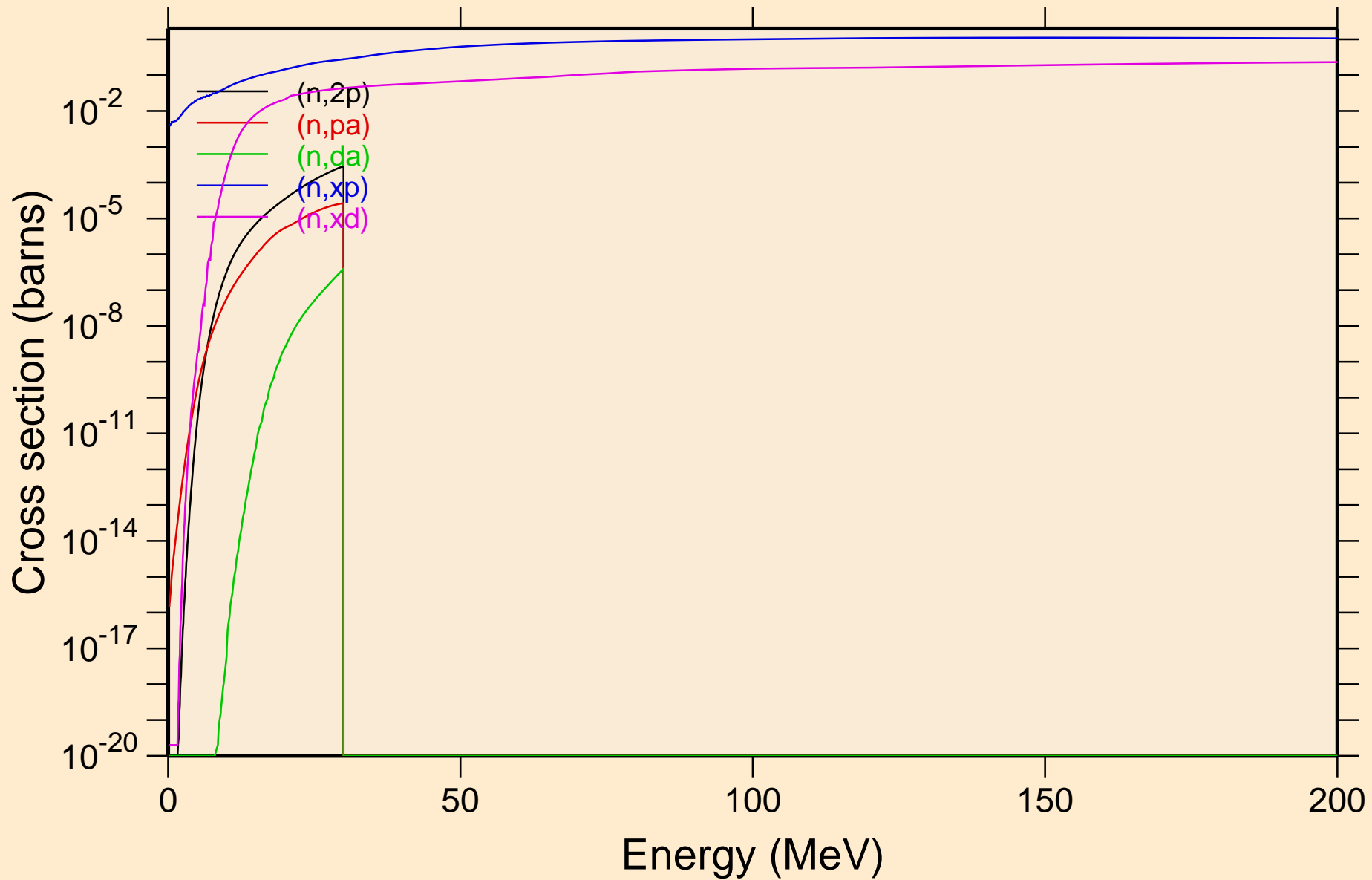


BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

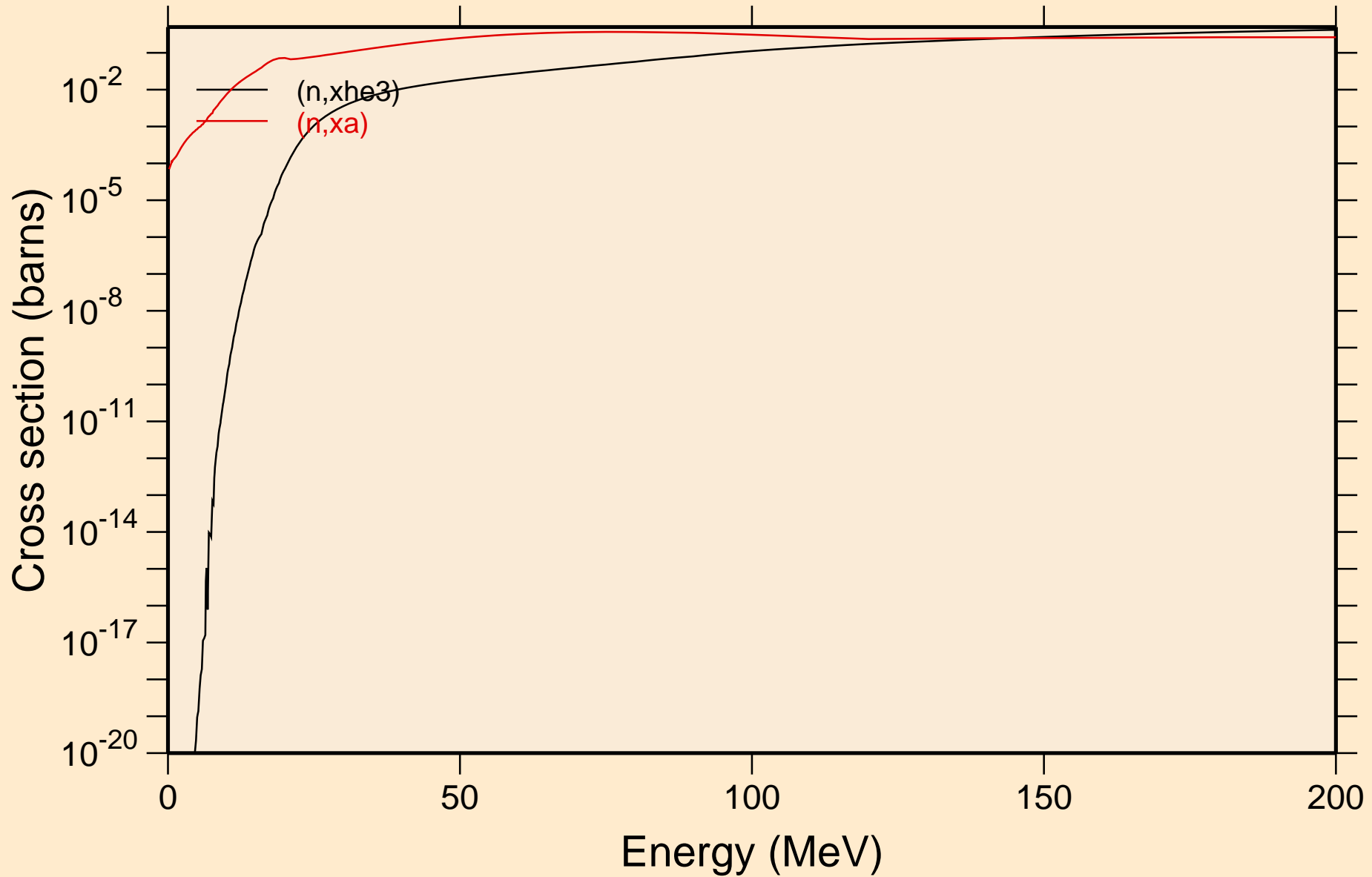


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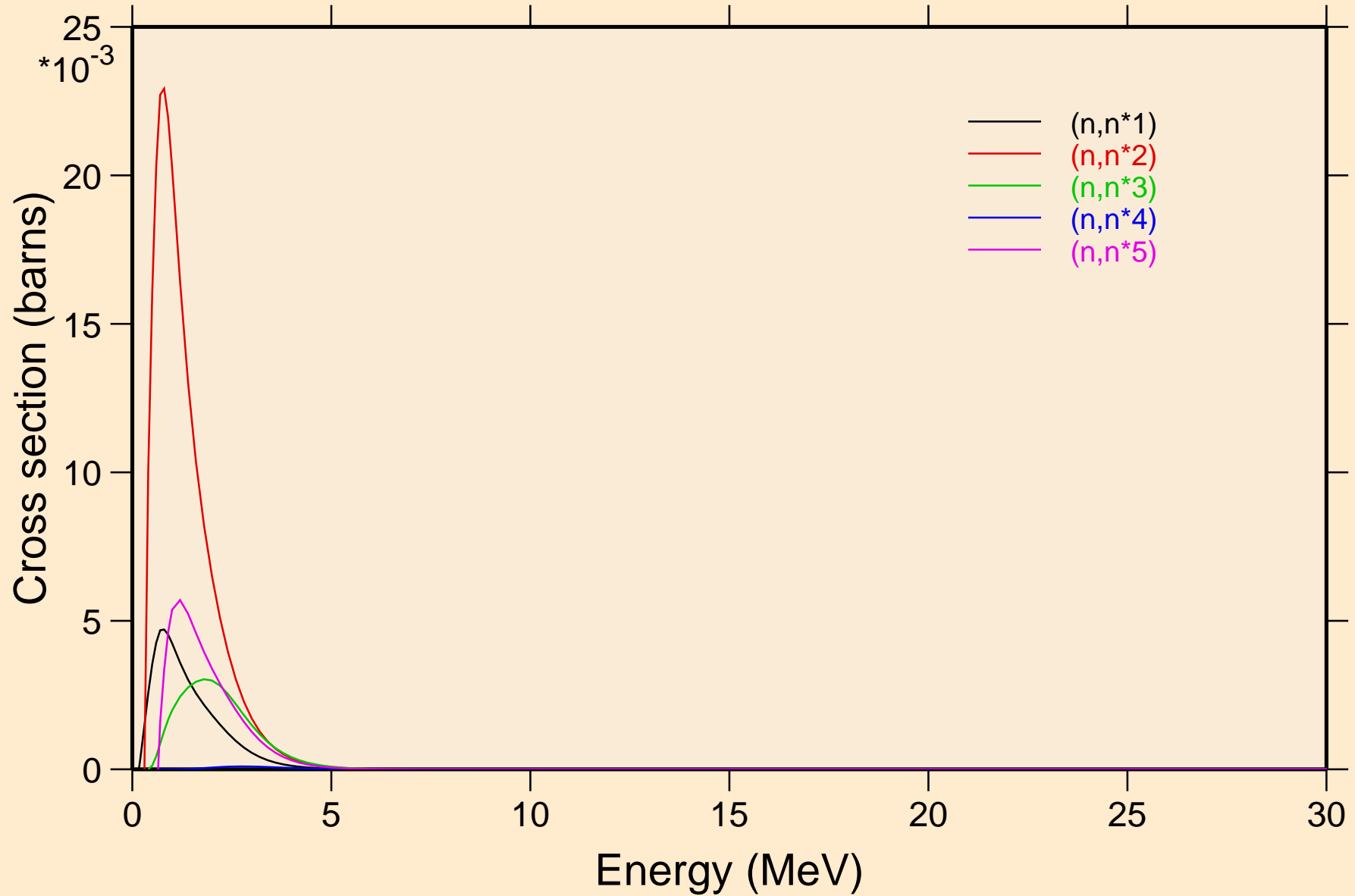
Non-threshold reactions



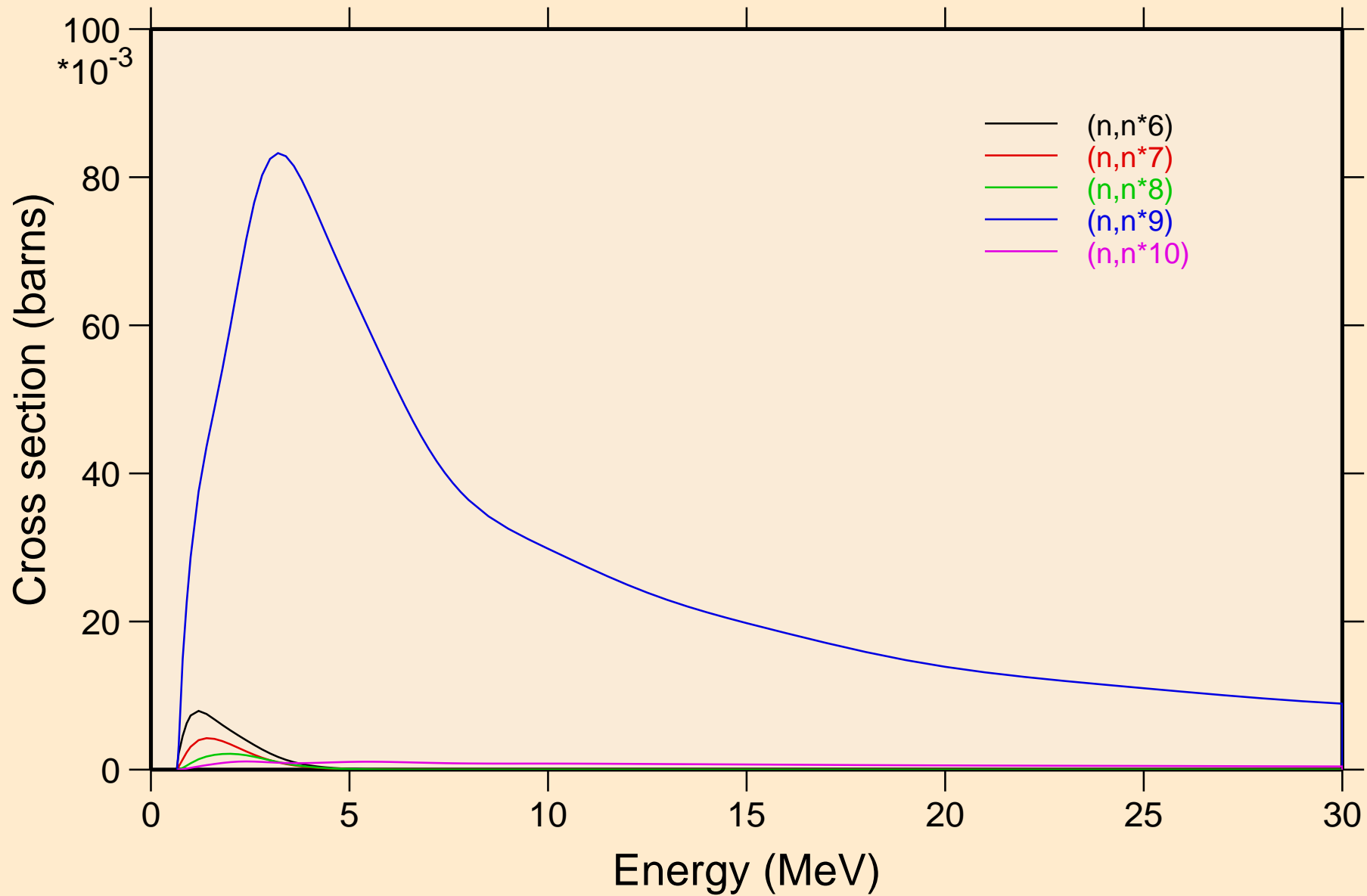
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Non-threshold reactions



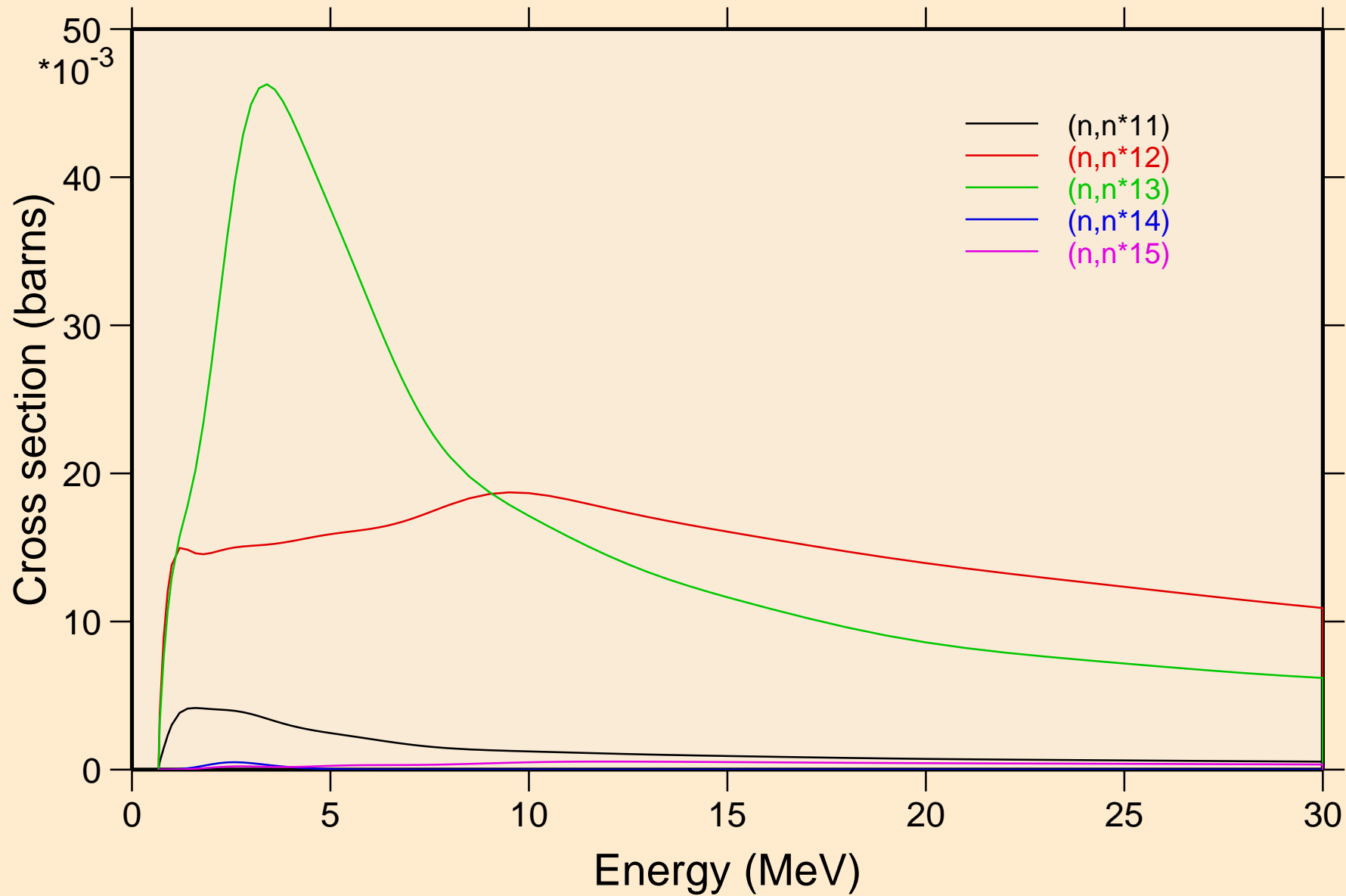
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



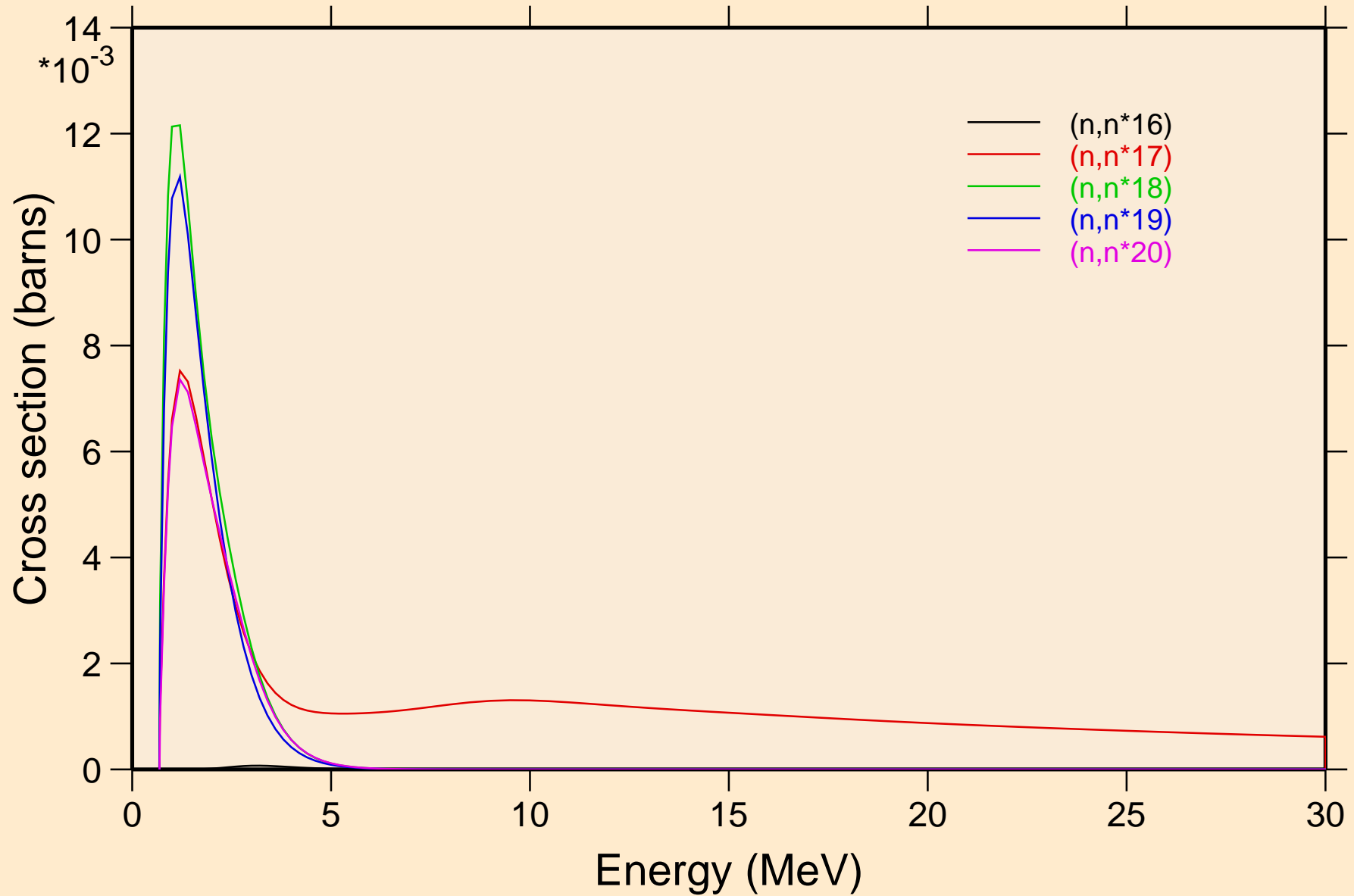
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



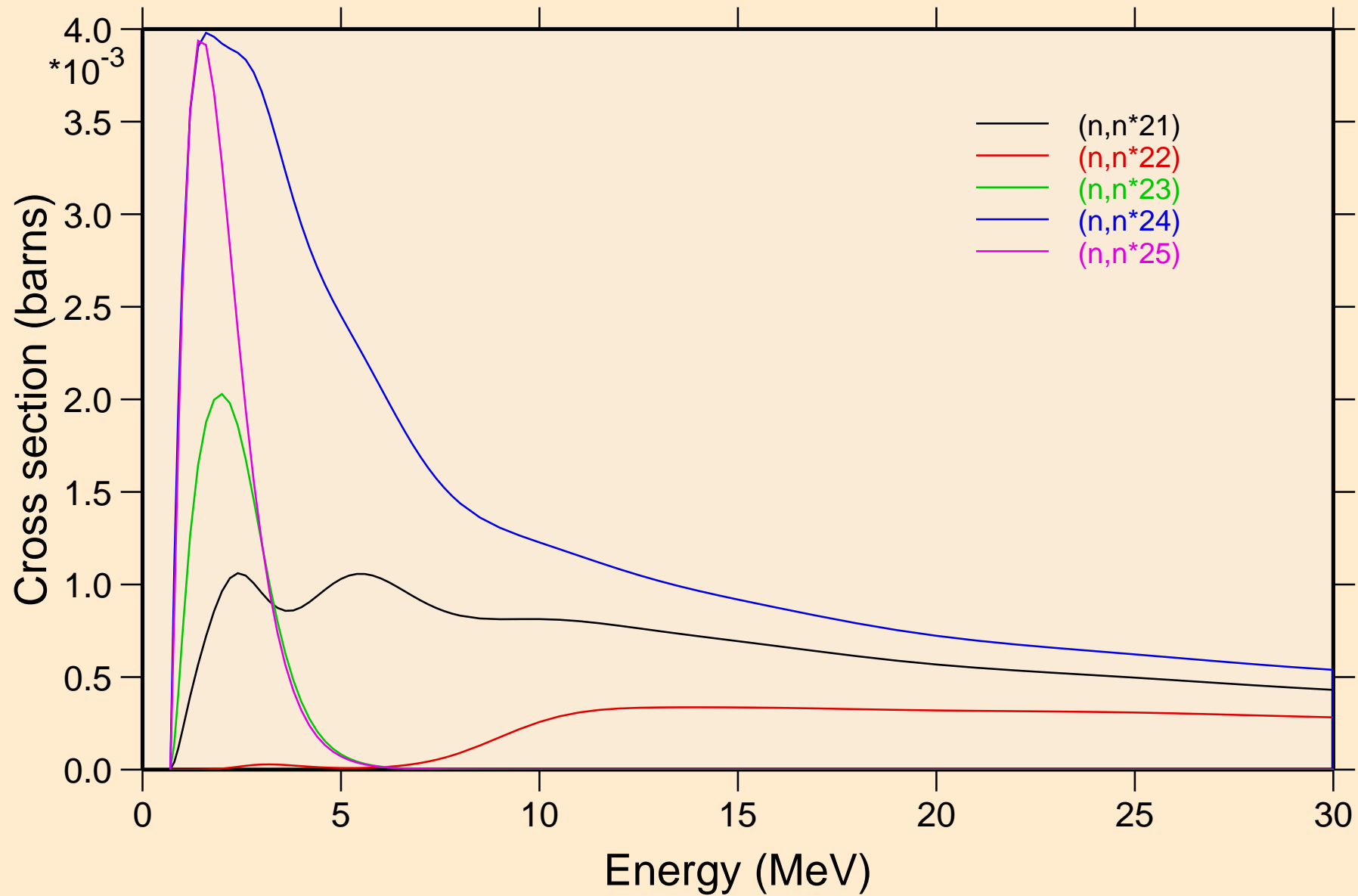
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



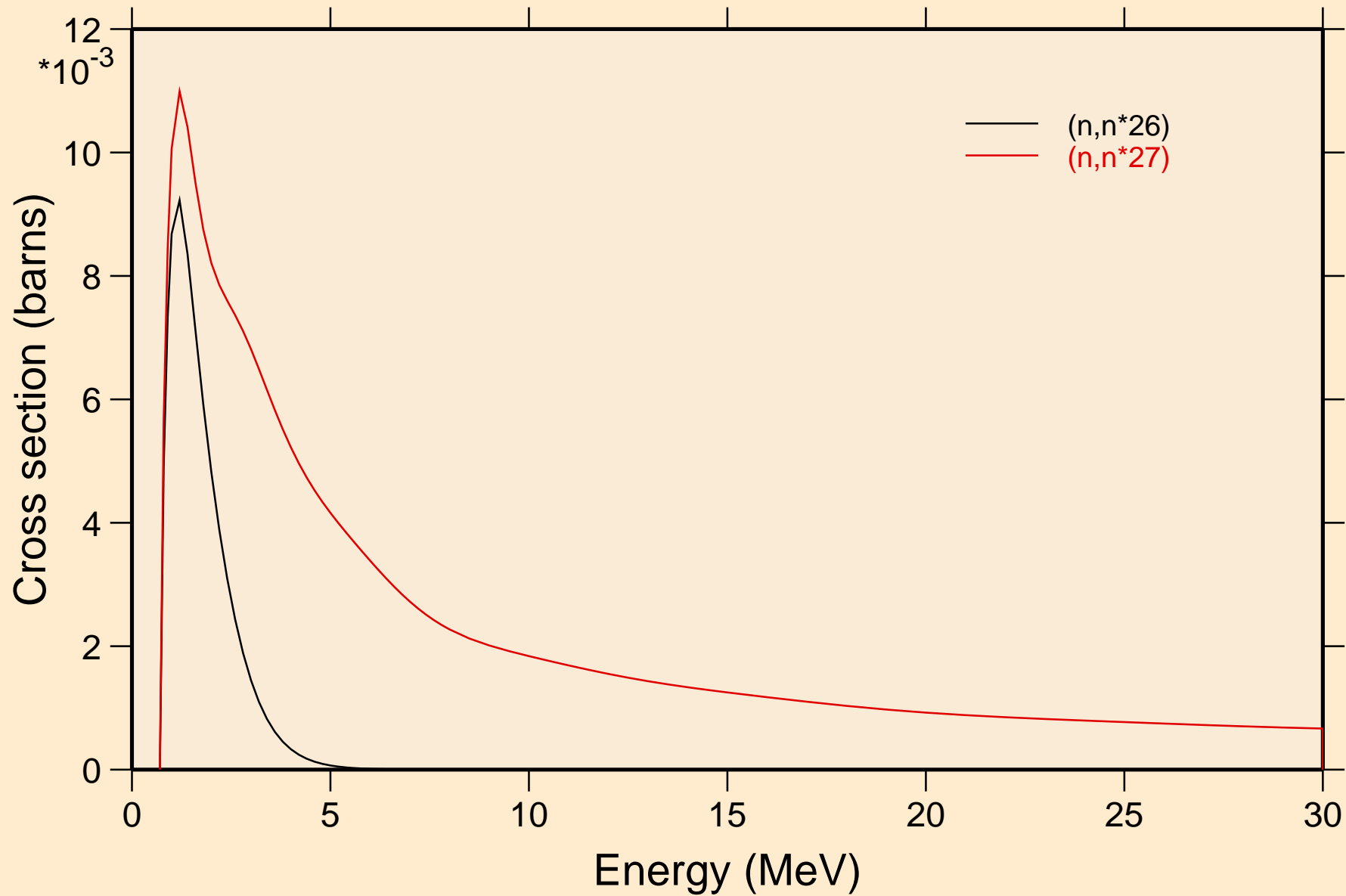
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



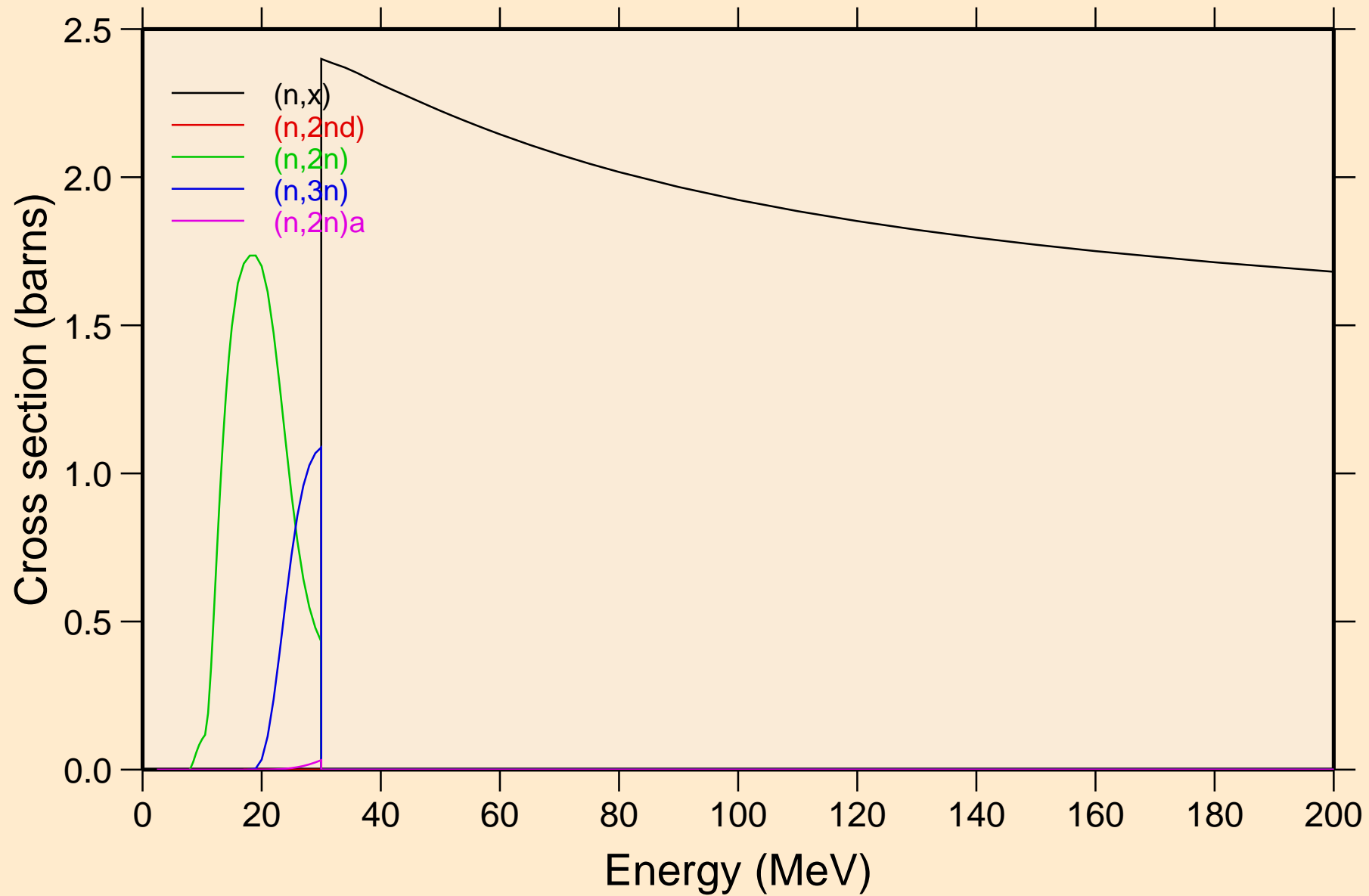
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



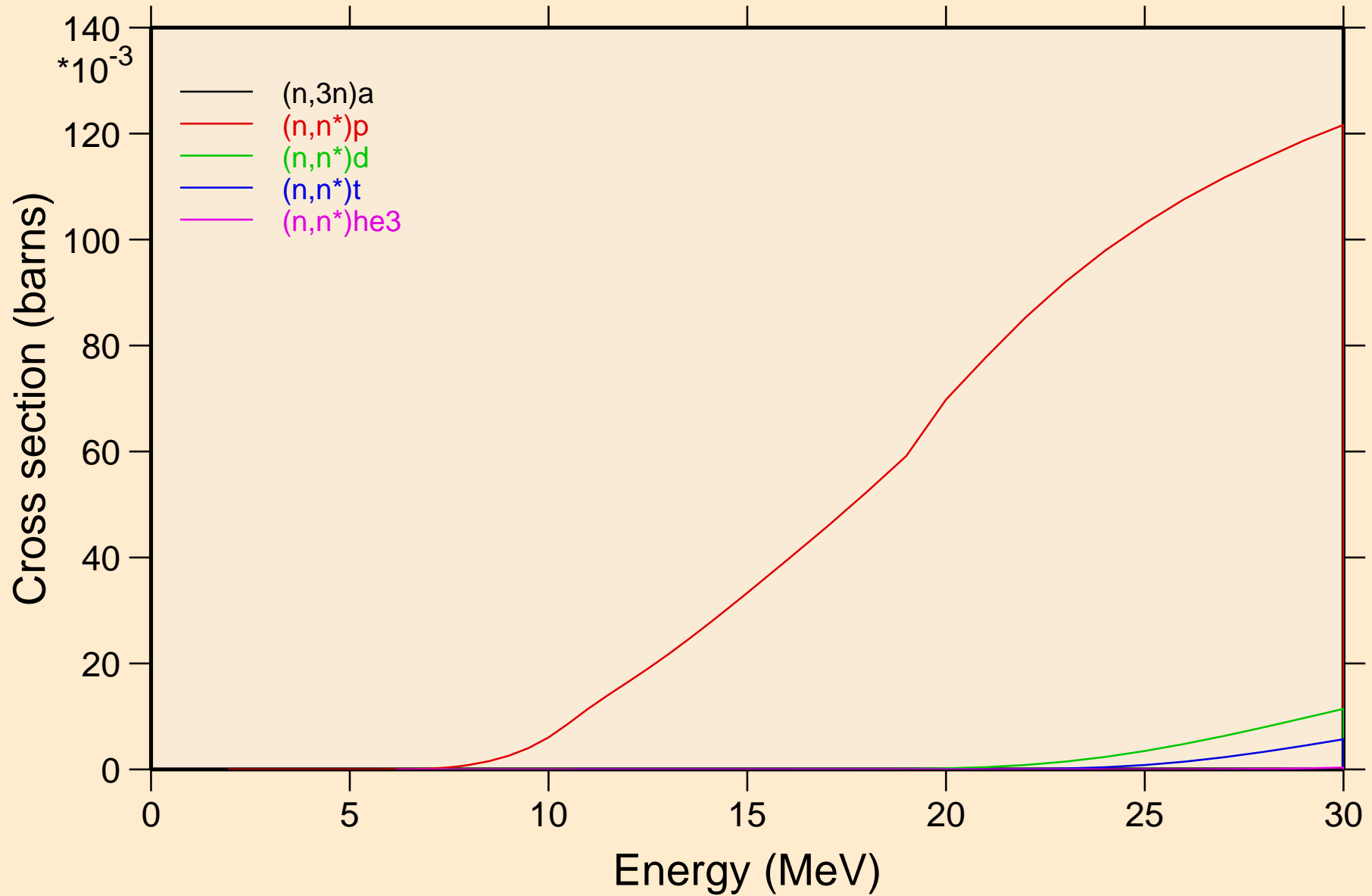
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



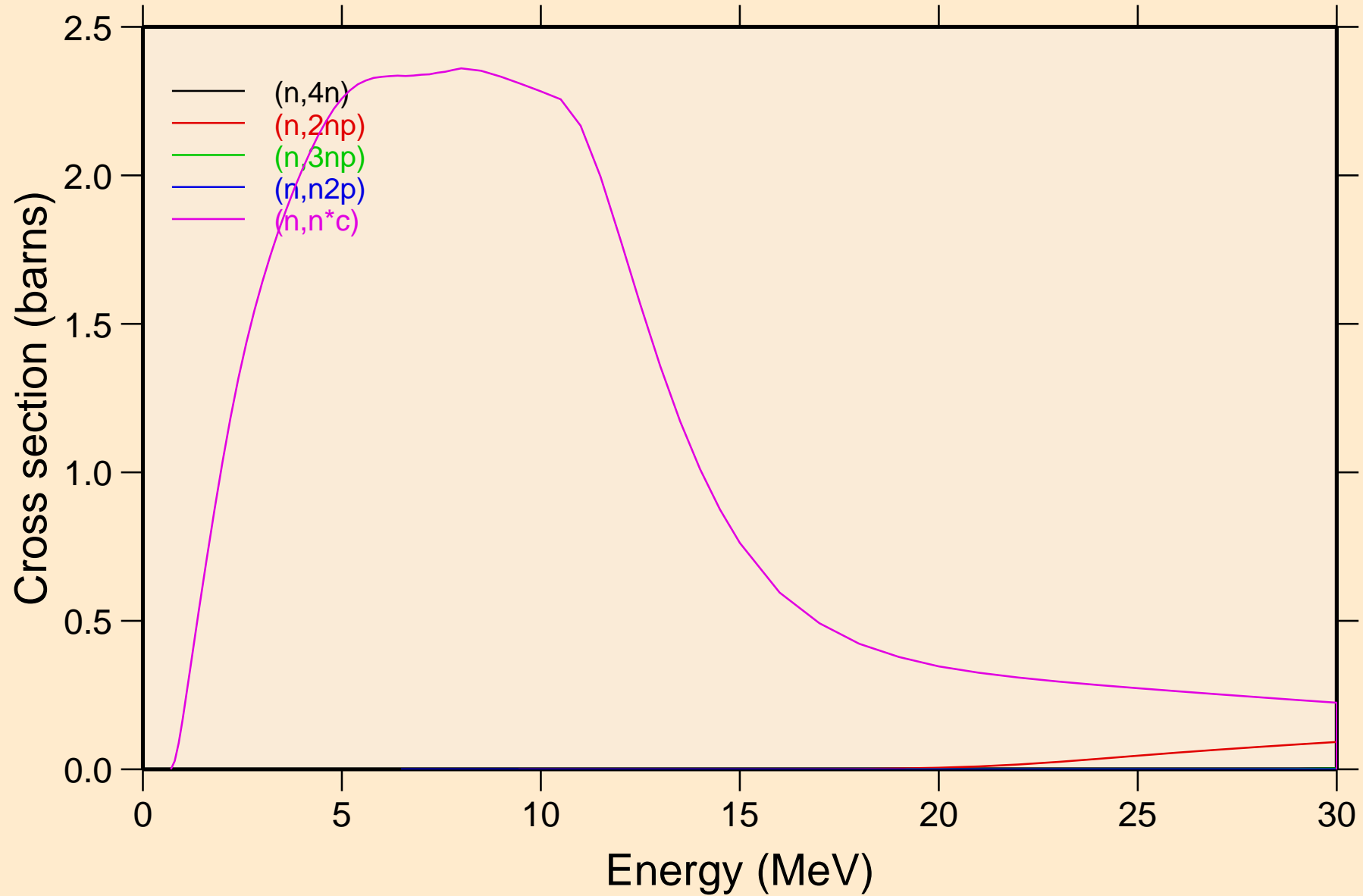
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



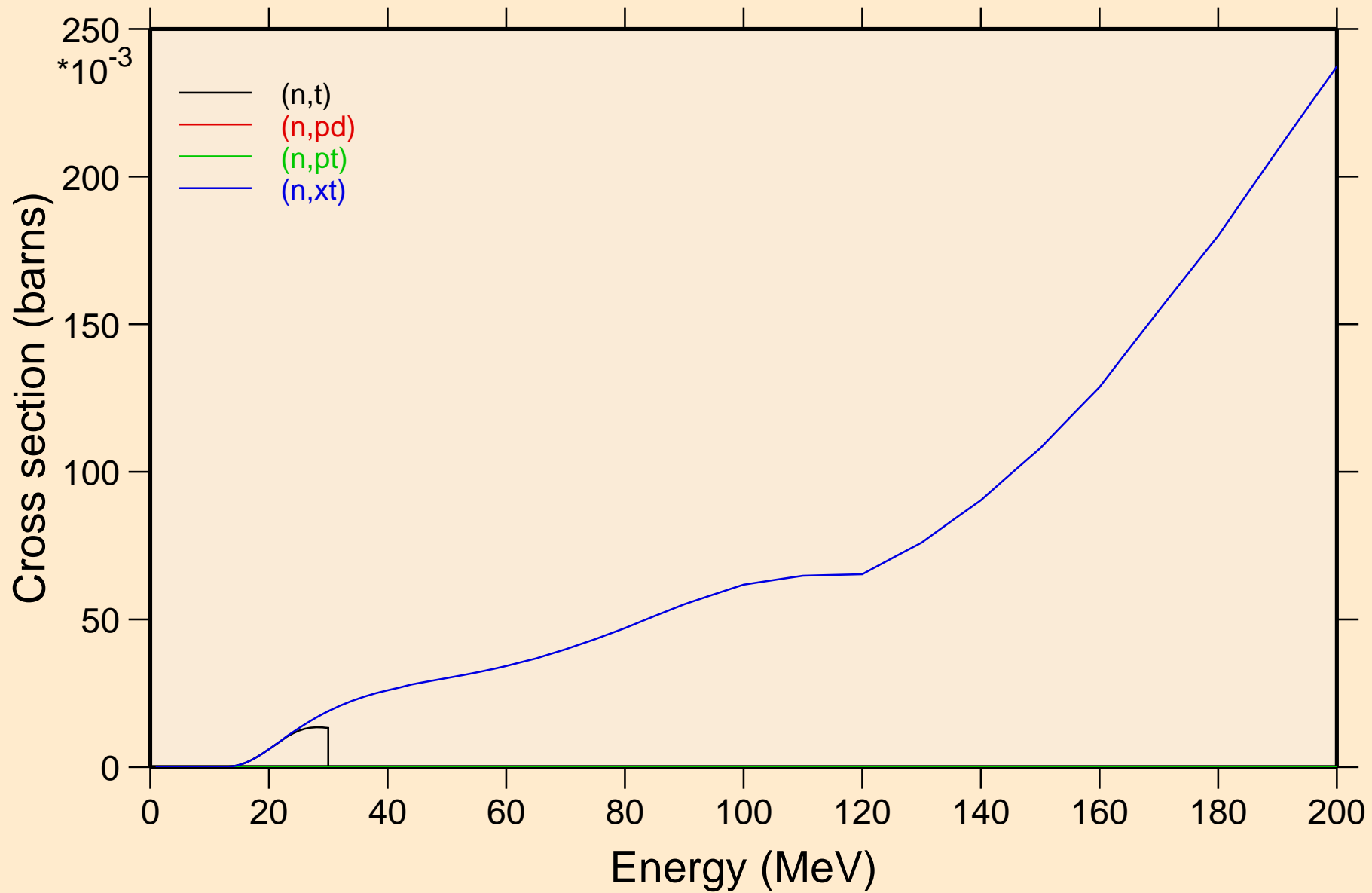
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



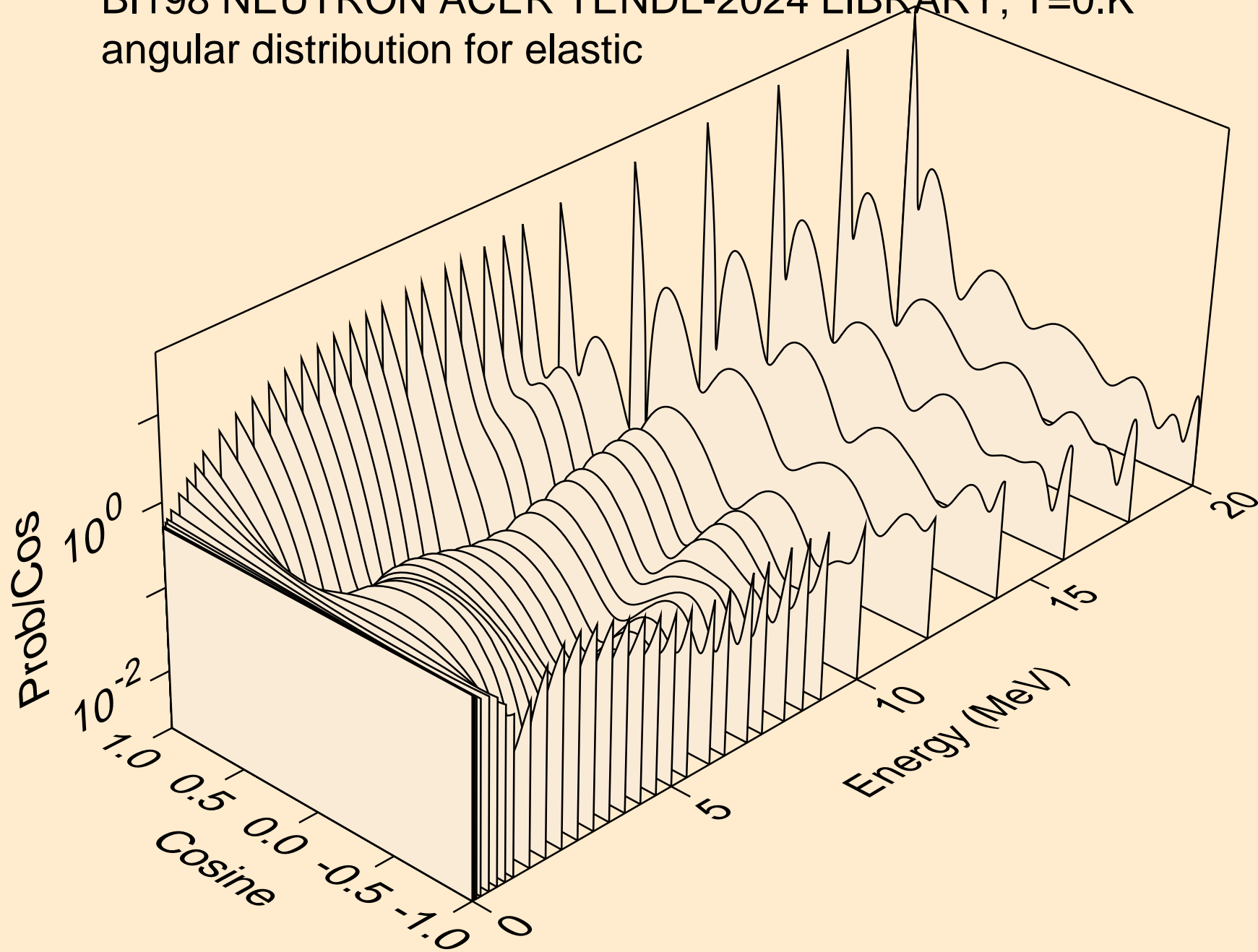
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Threshold reactions



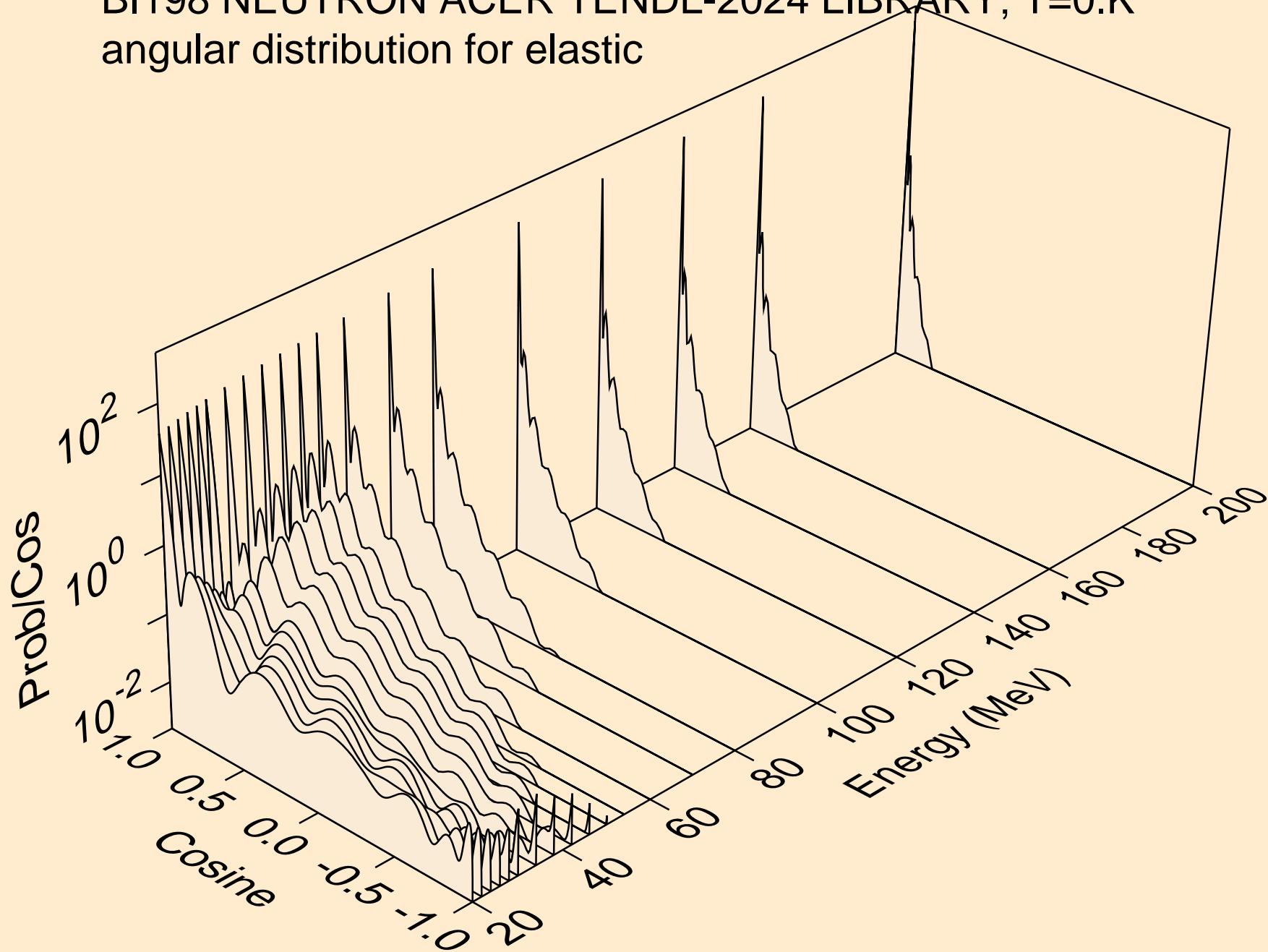
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



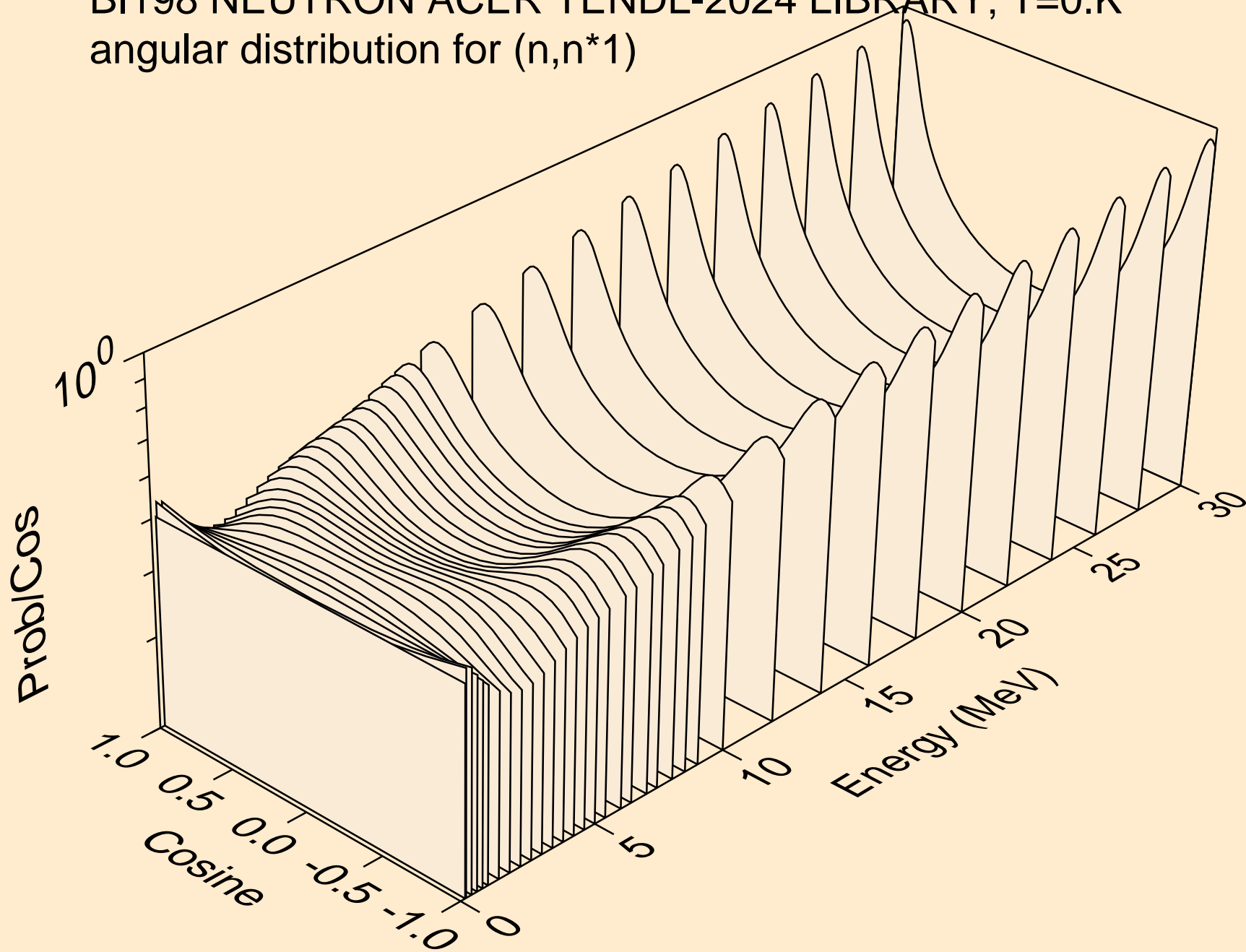
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



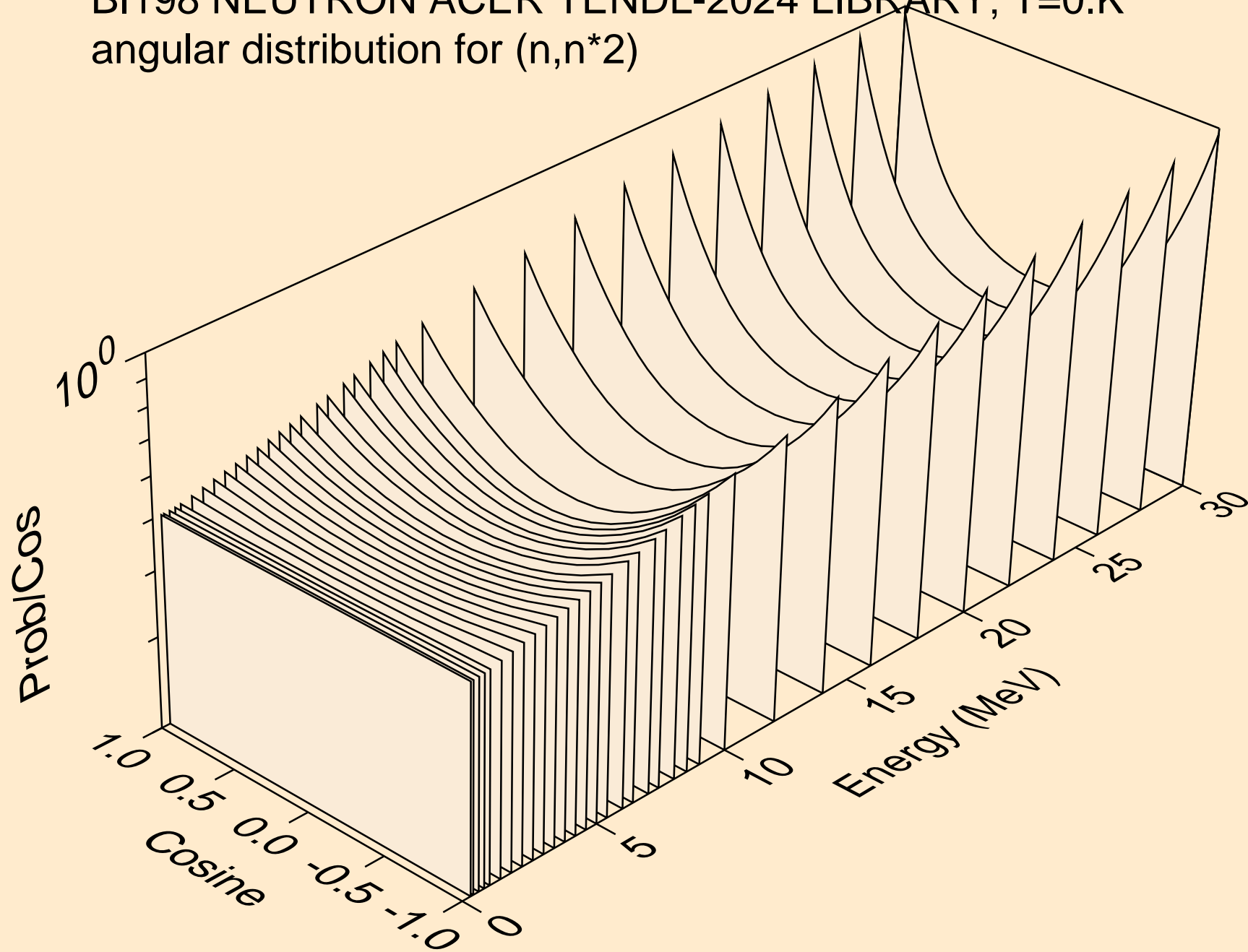
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angular distribution for elastic



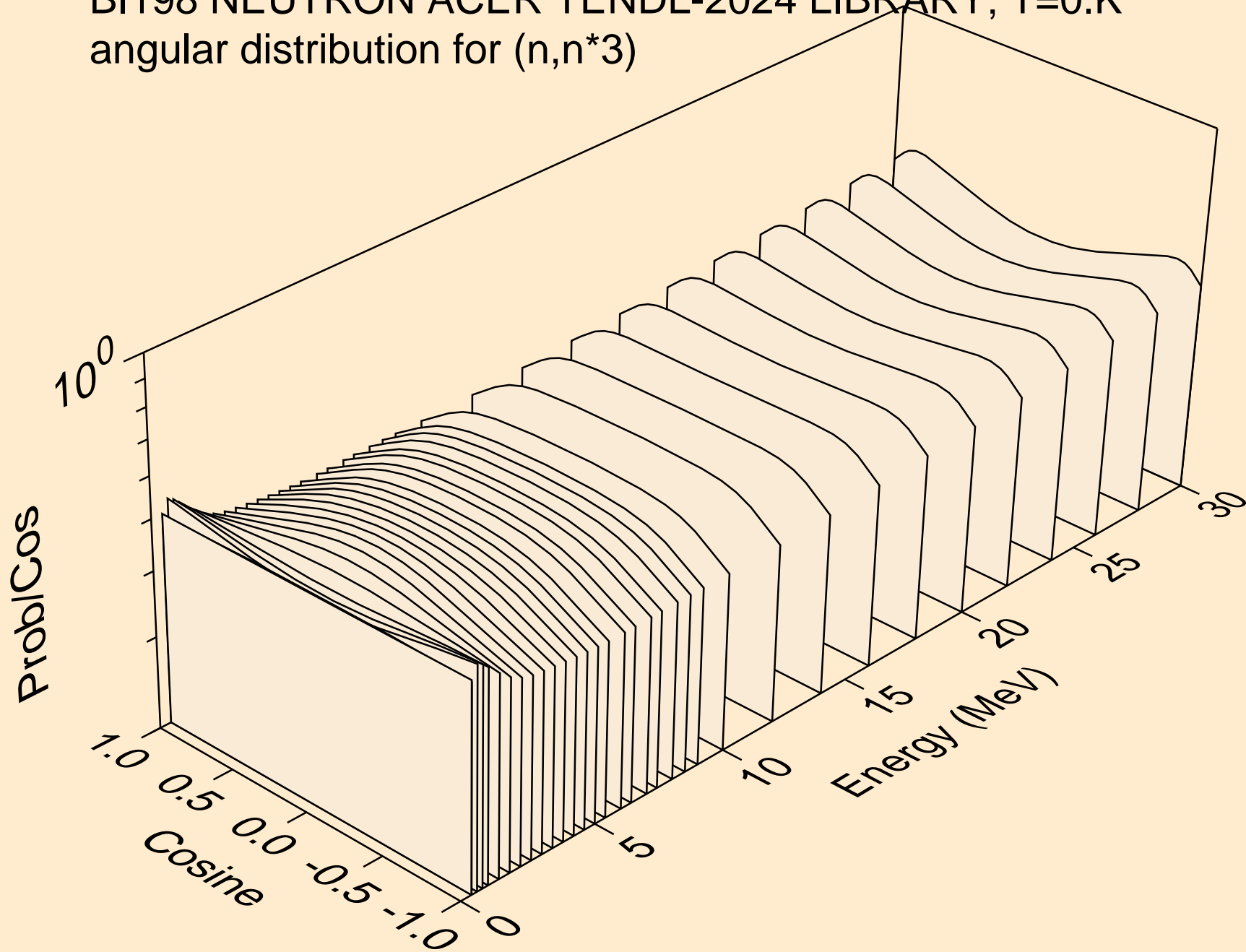
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



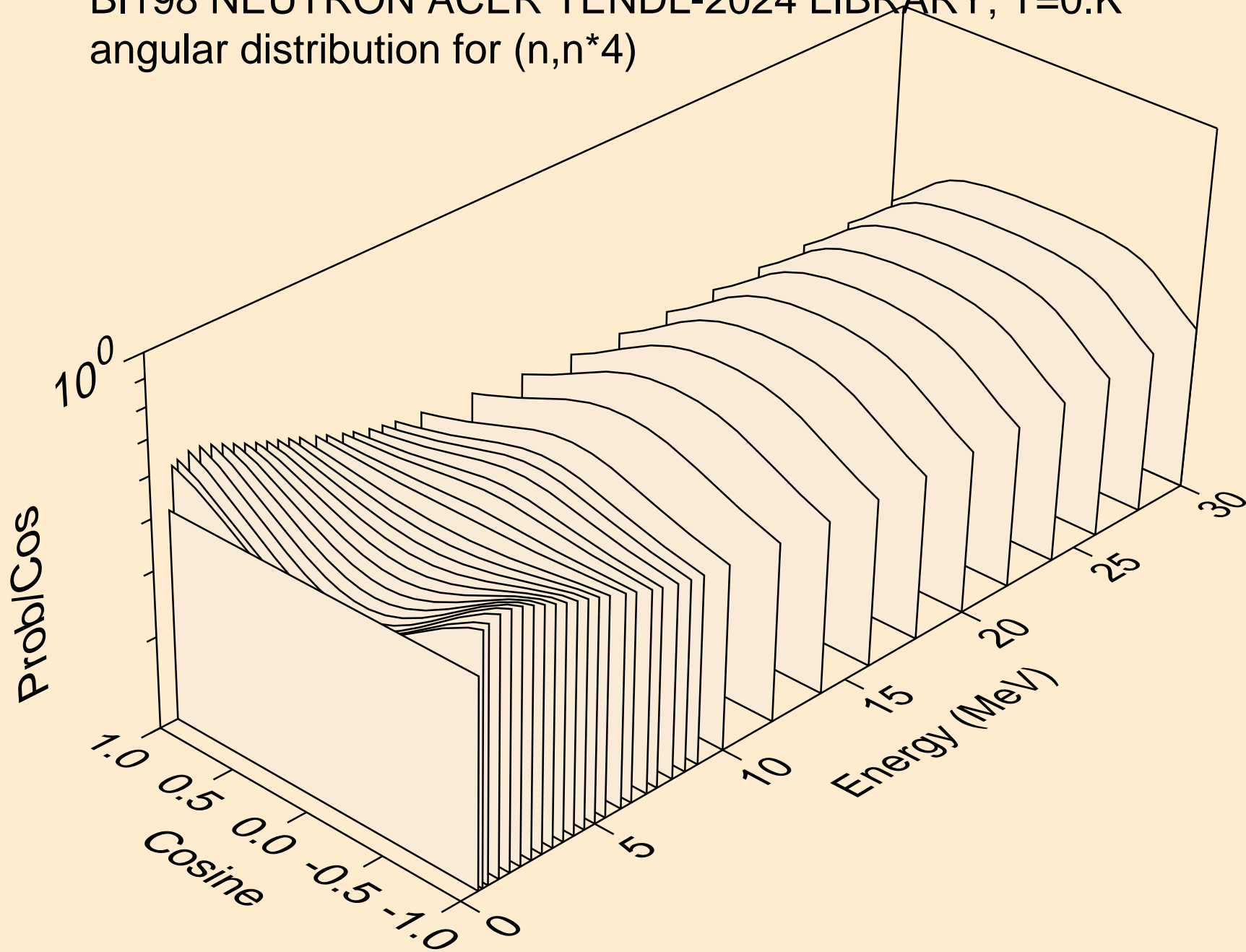
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



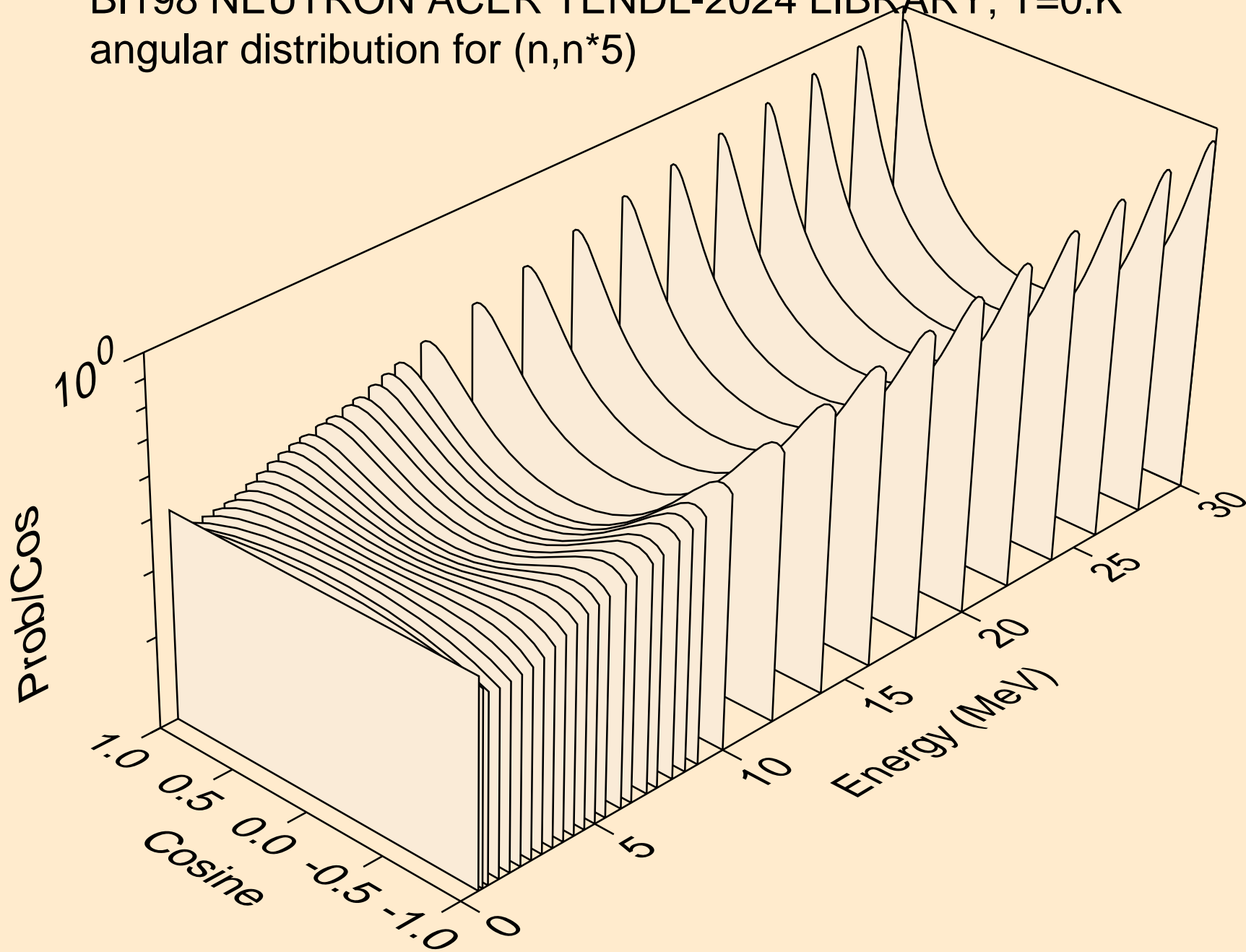
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



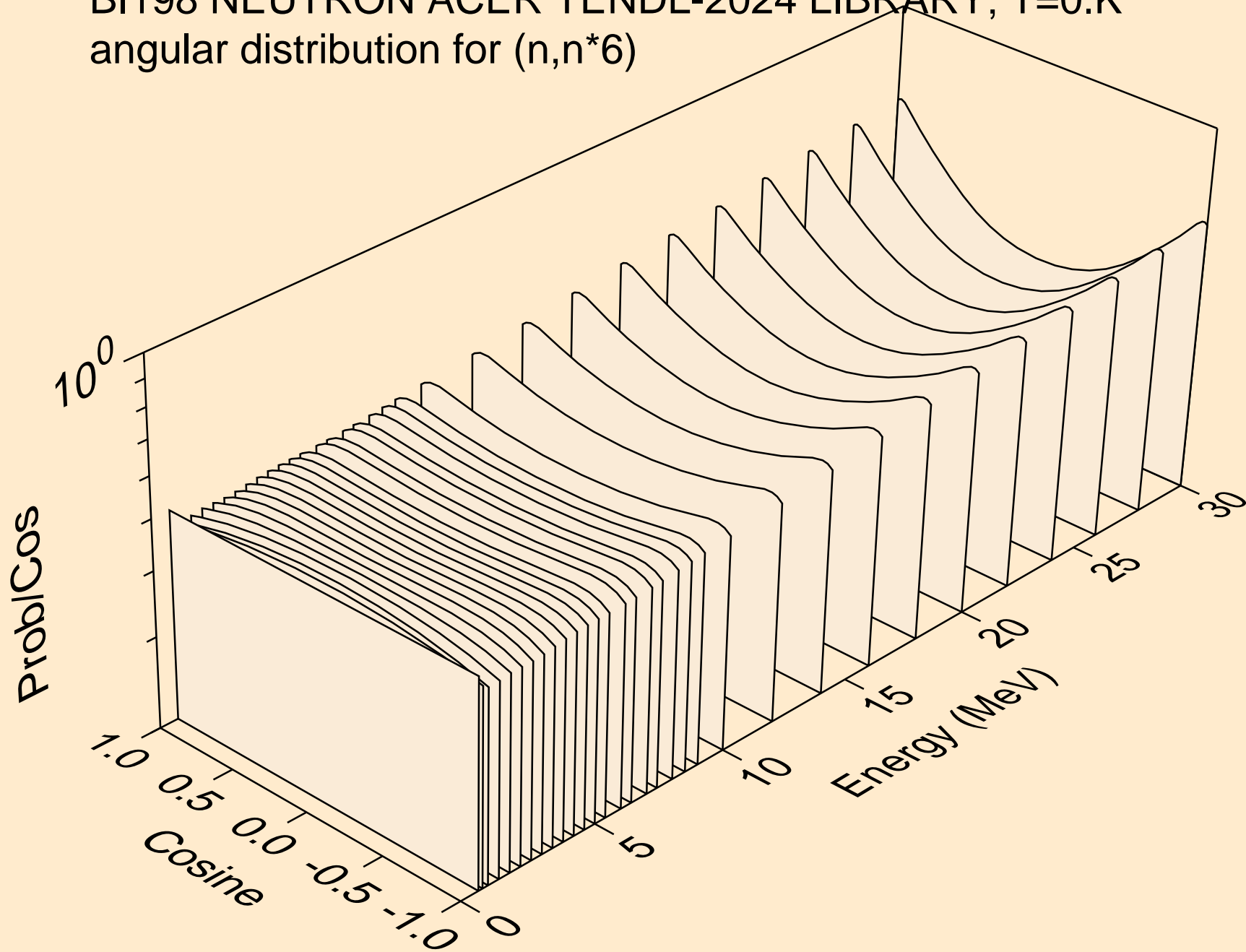
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



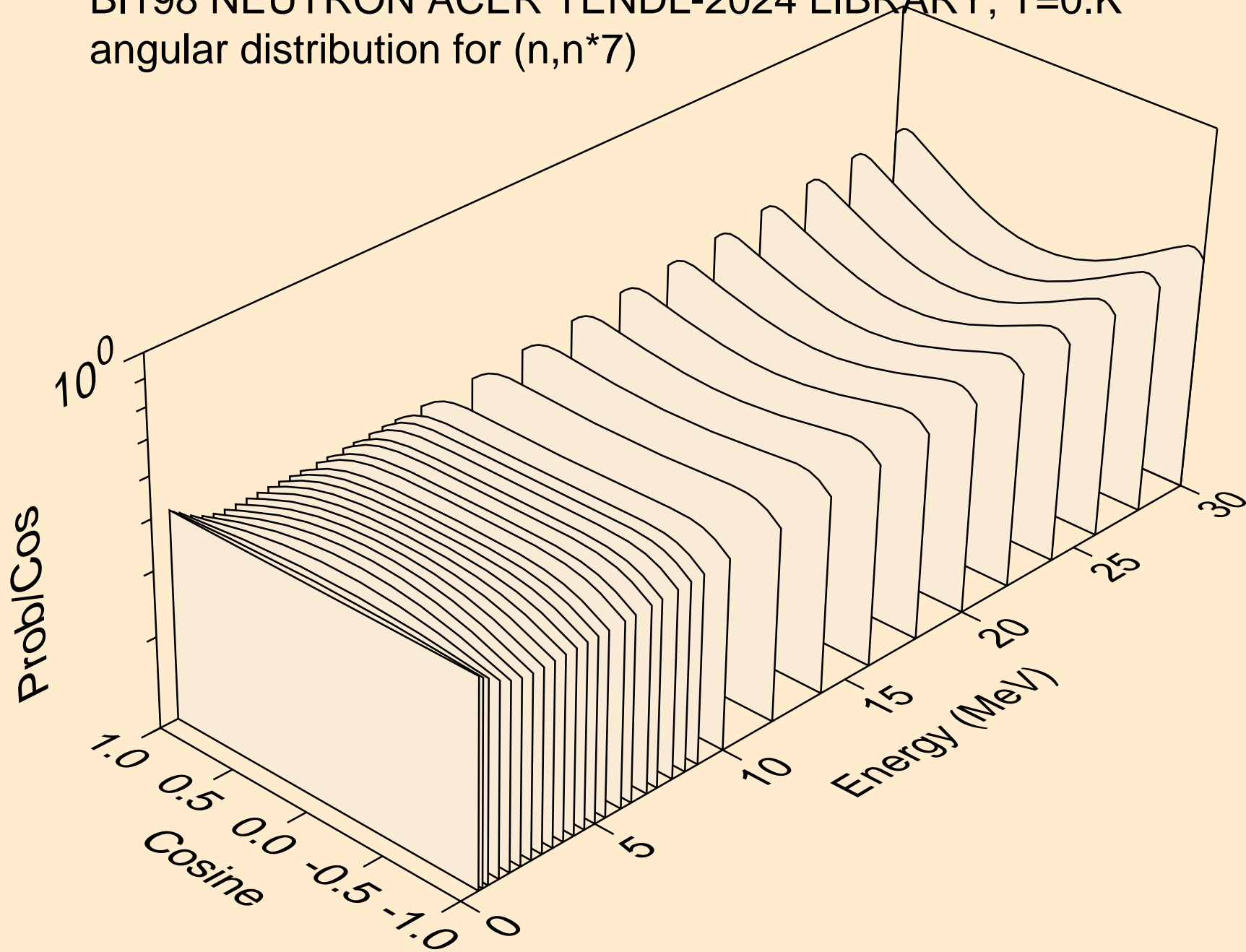
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



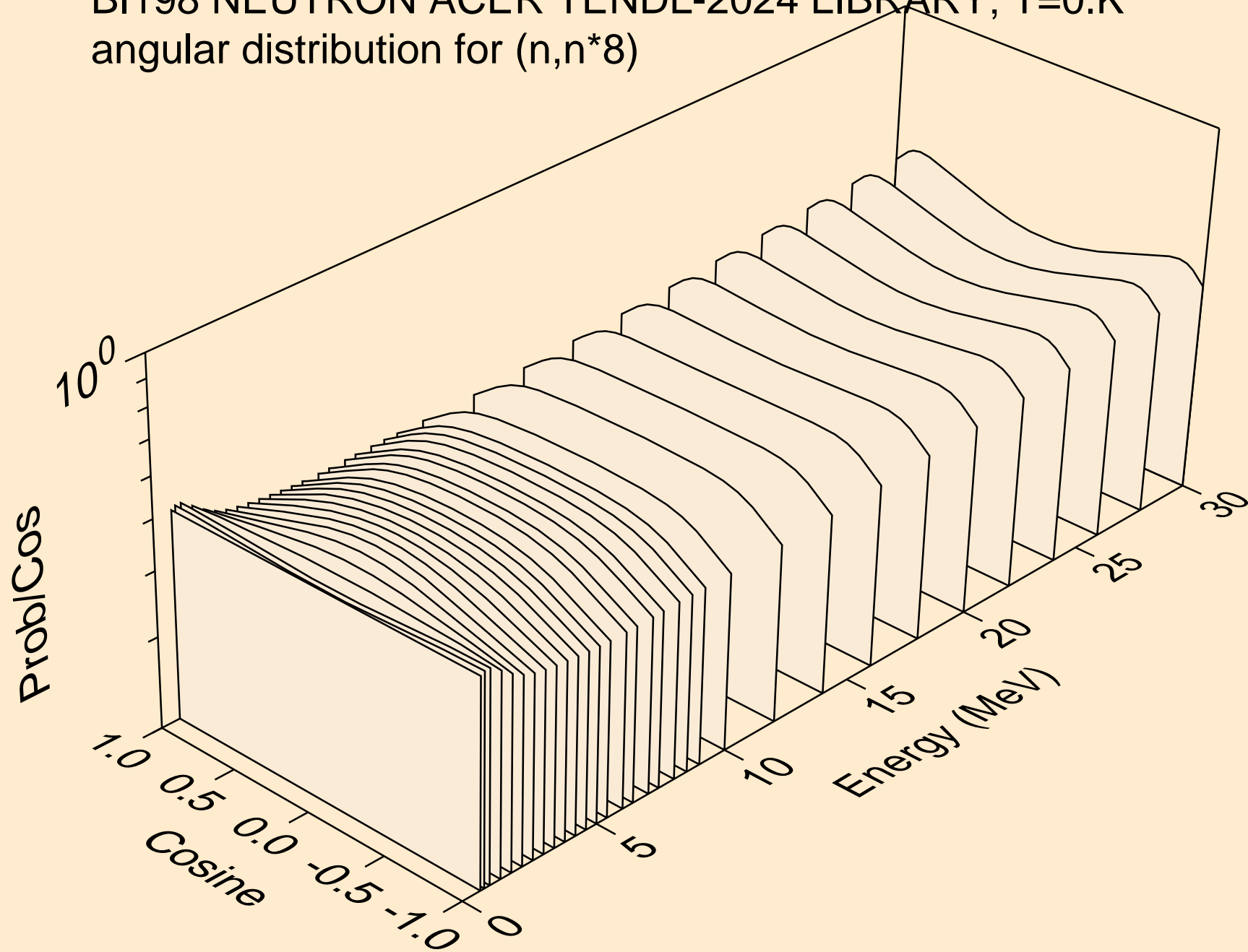
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angular distribution for (n,n*6)



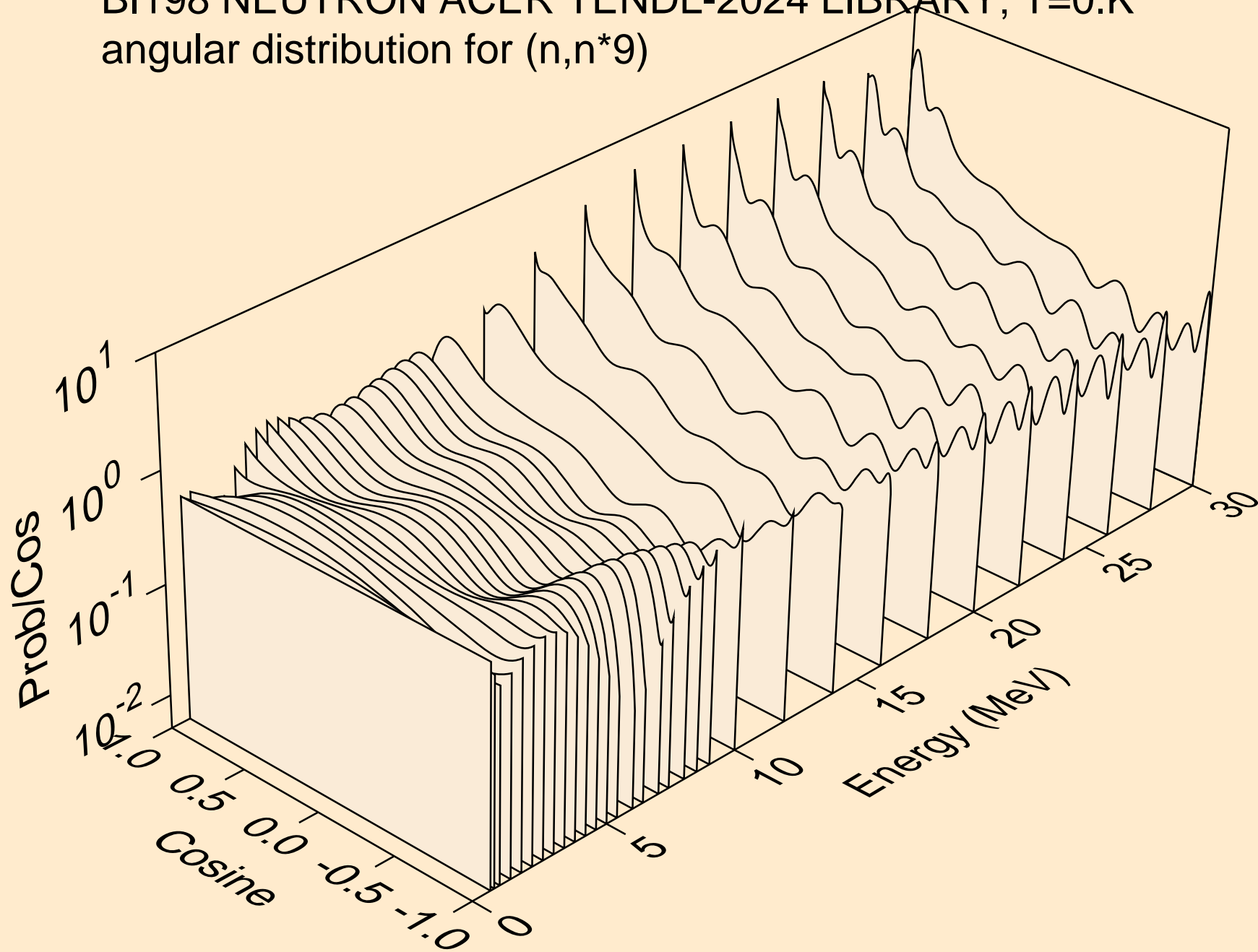
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



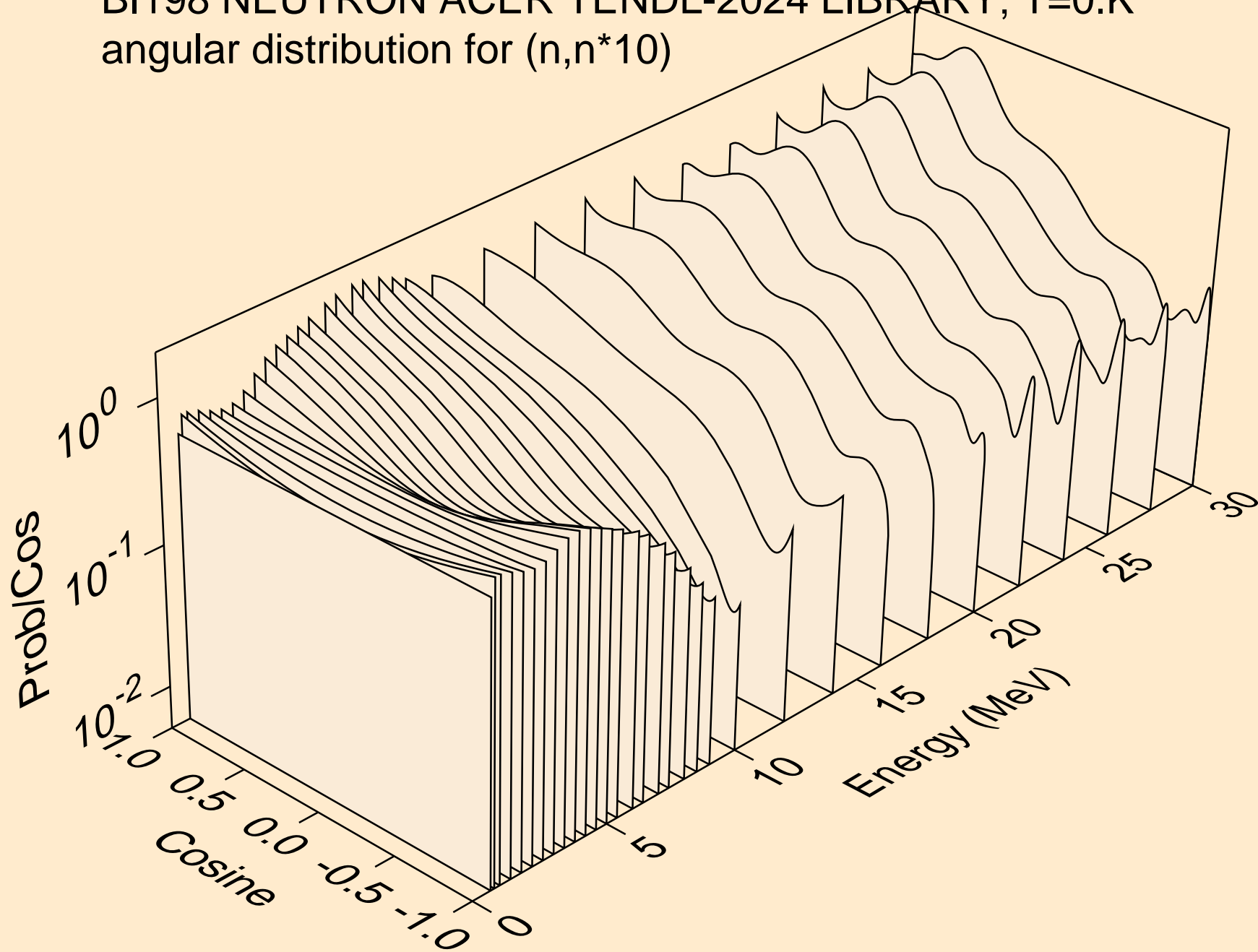
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



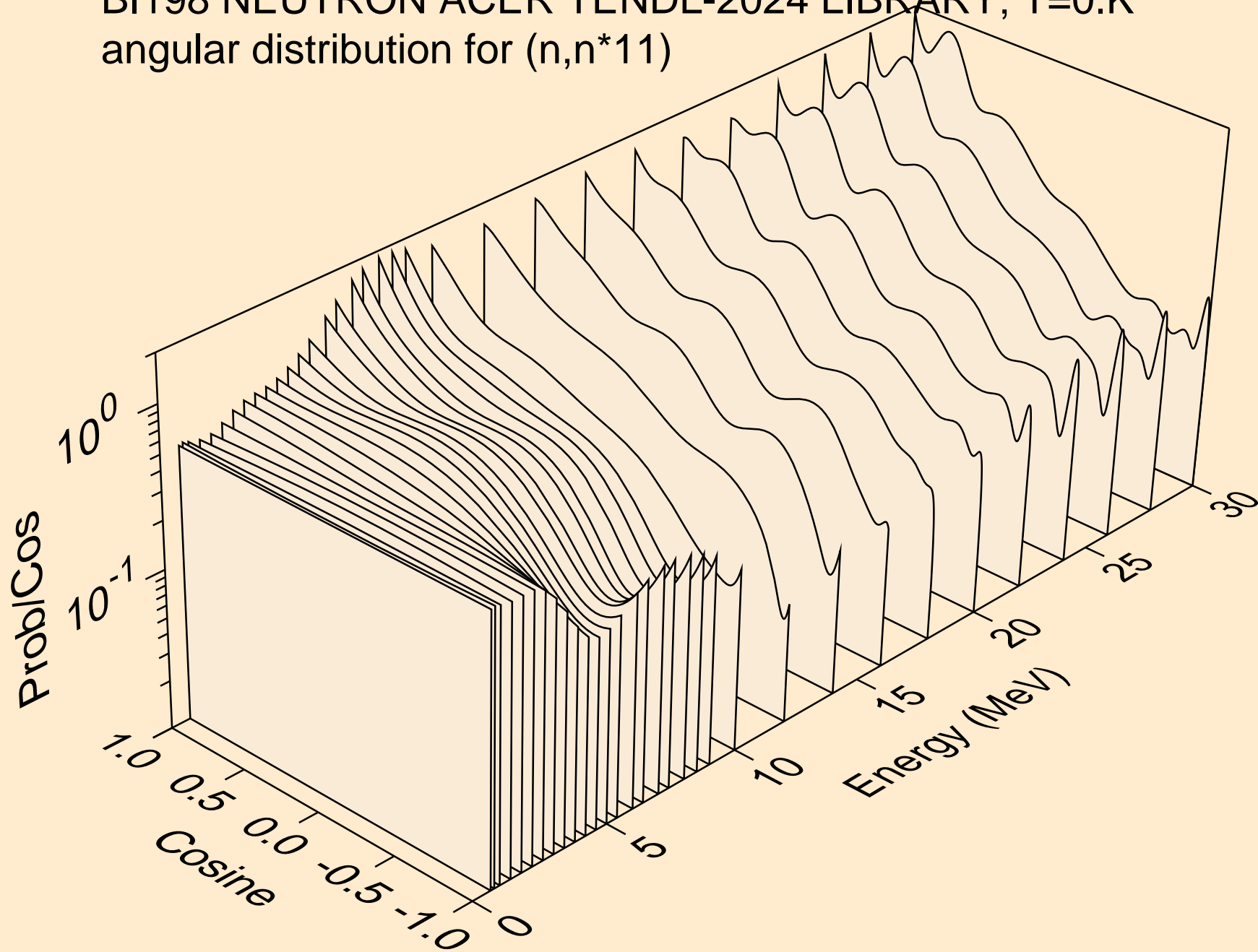
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angular distribution for (n,n*9)



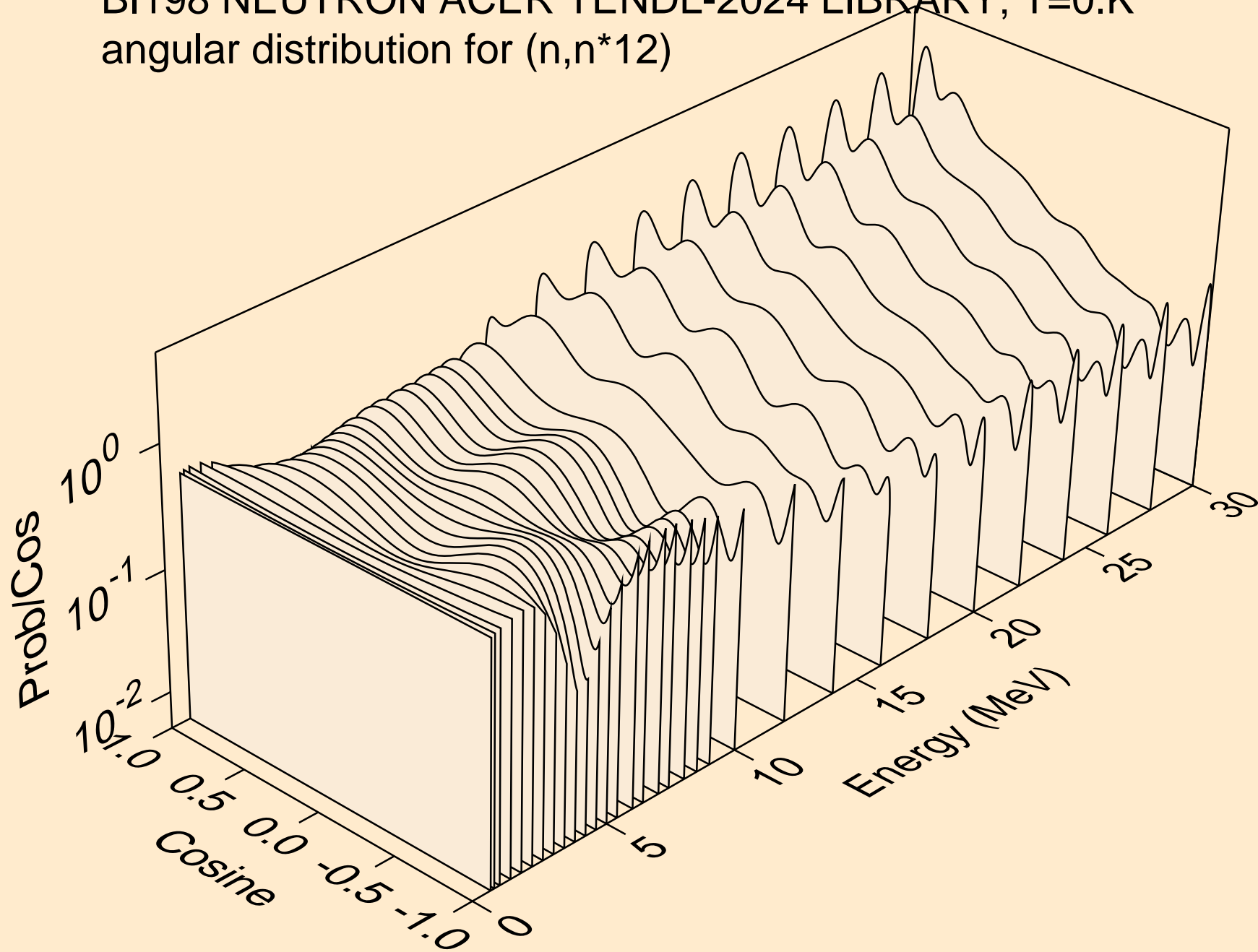
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angular distribution for (n,n*10)



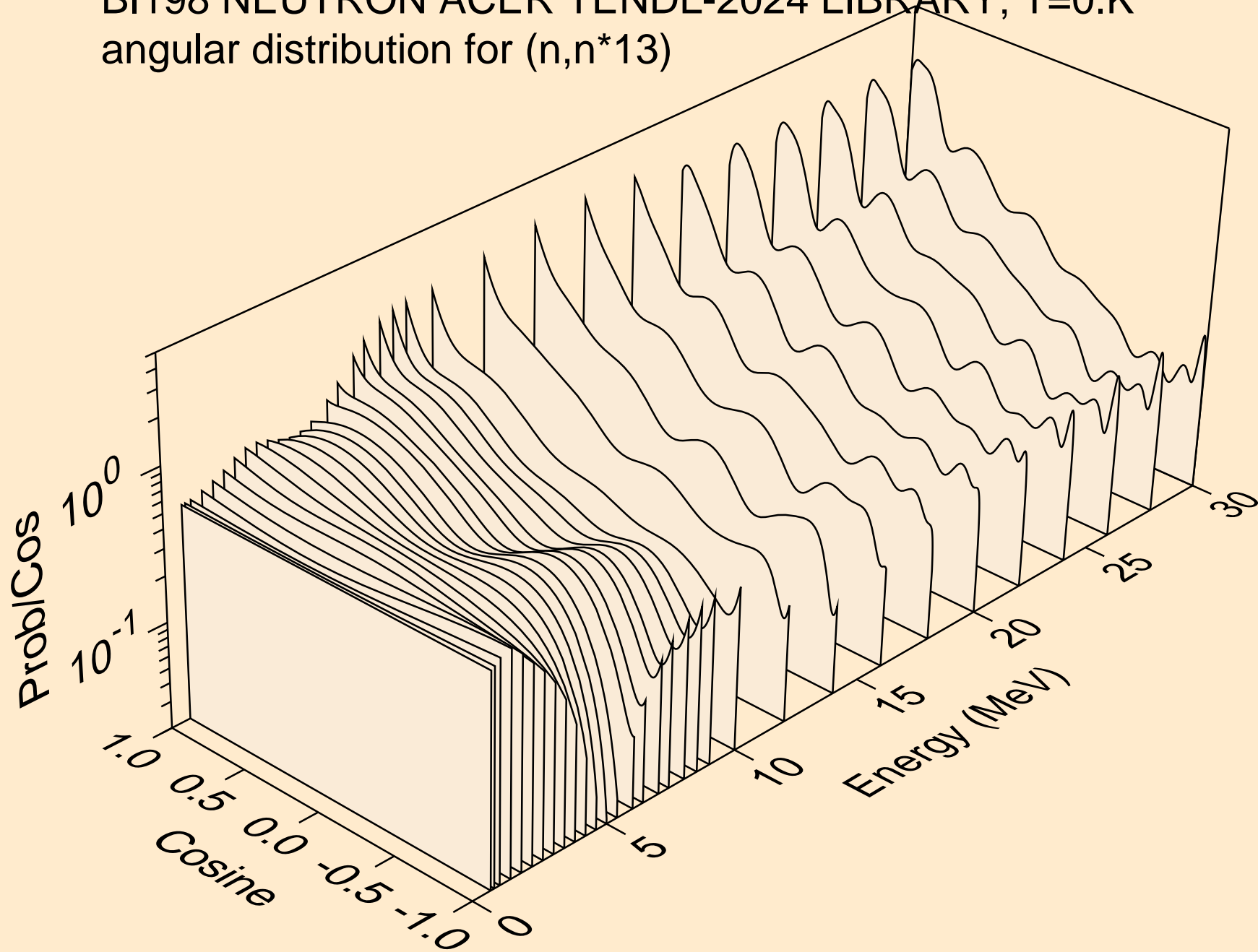
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angular distribution for (n,n*11)



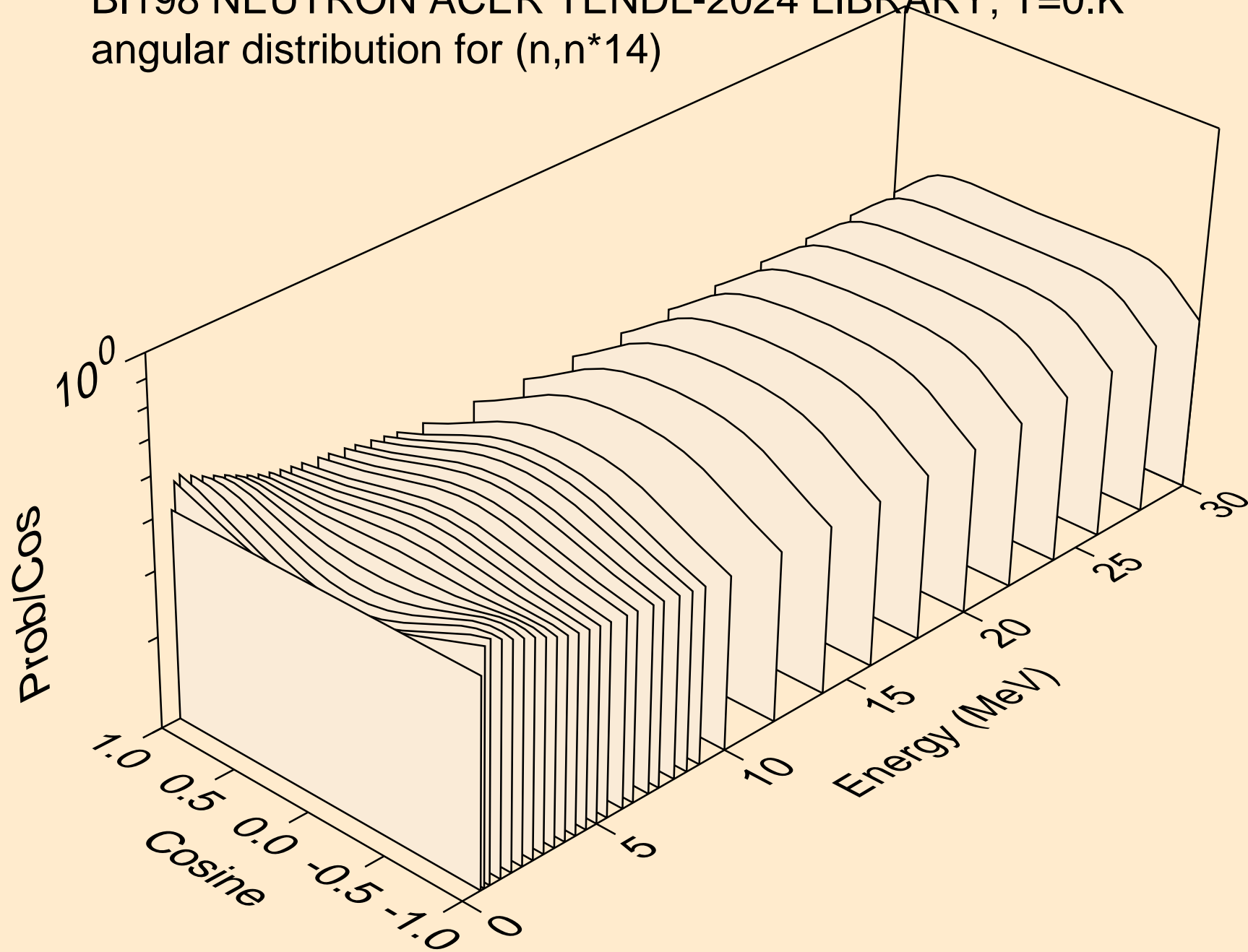
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angular distribution for (n,n*12)



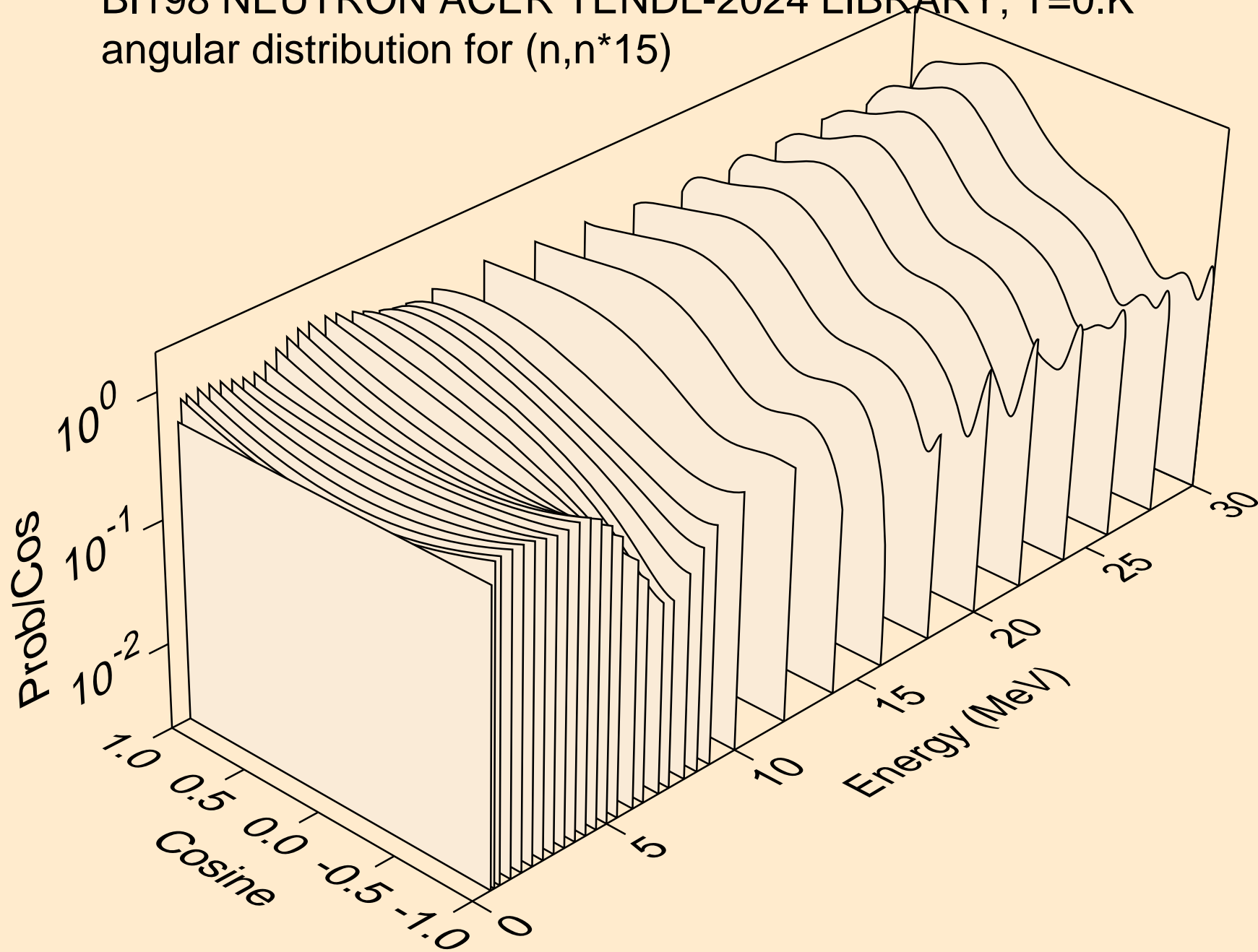
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angular distribution for (n,n*13)



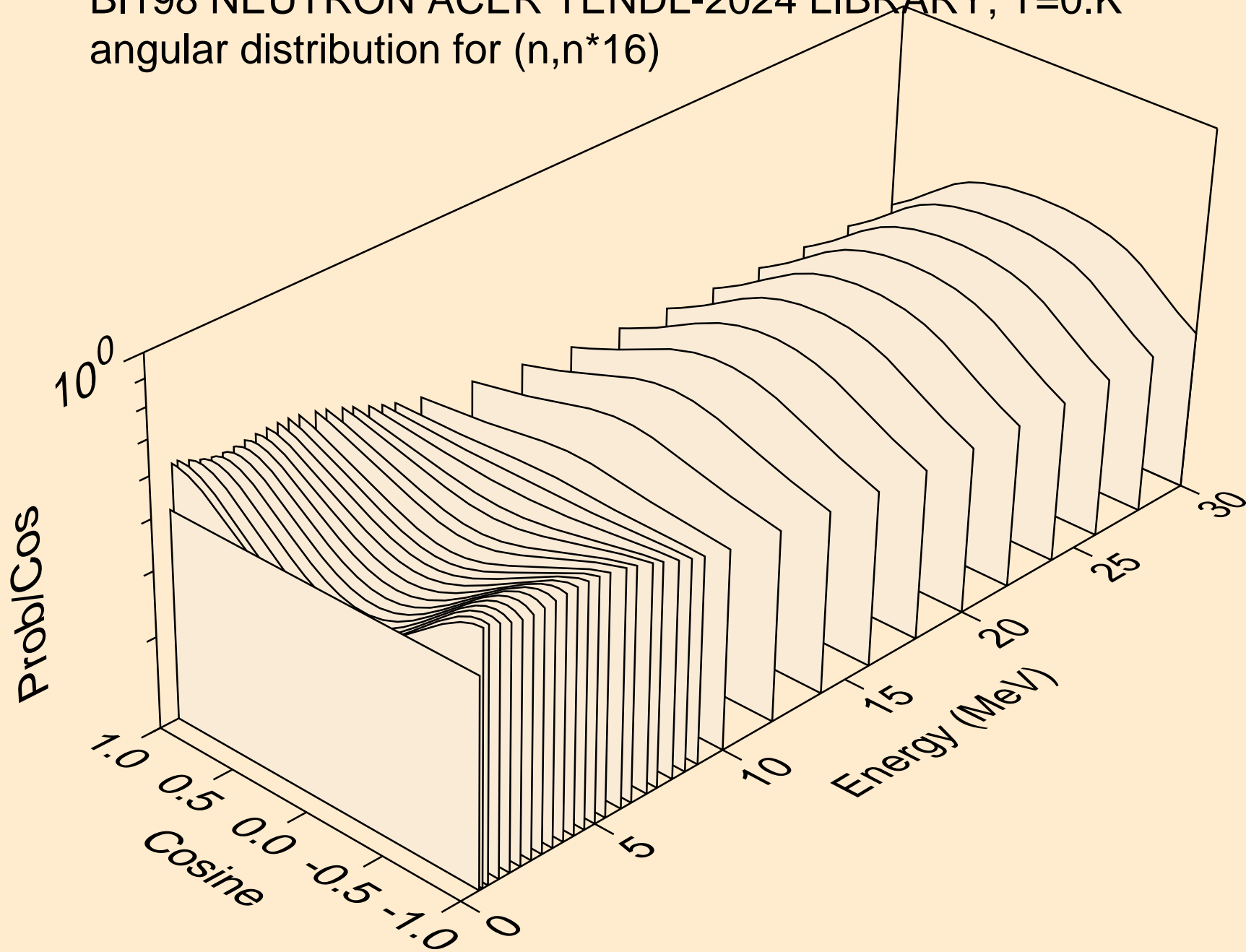
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angular distribution for (n,n*14)



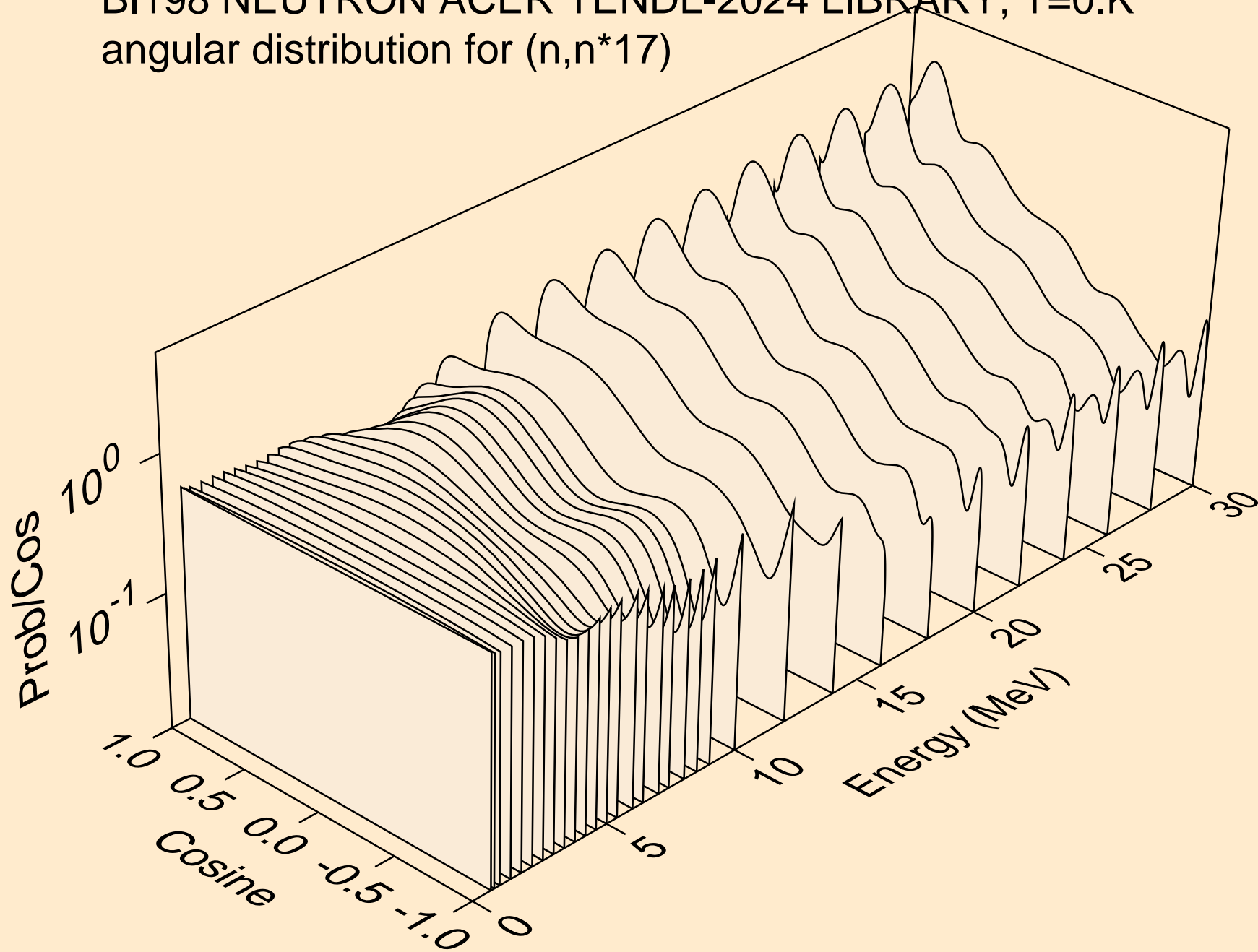
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angular distribution for (n,n*15)



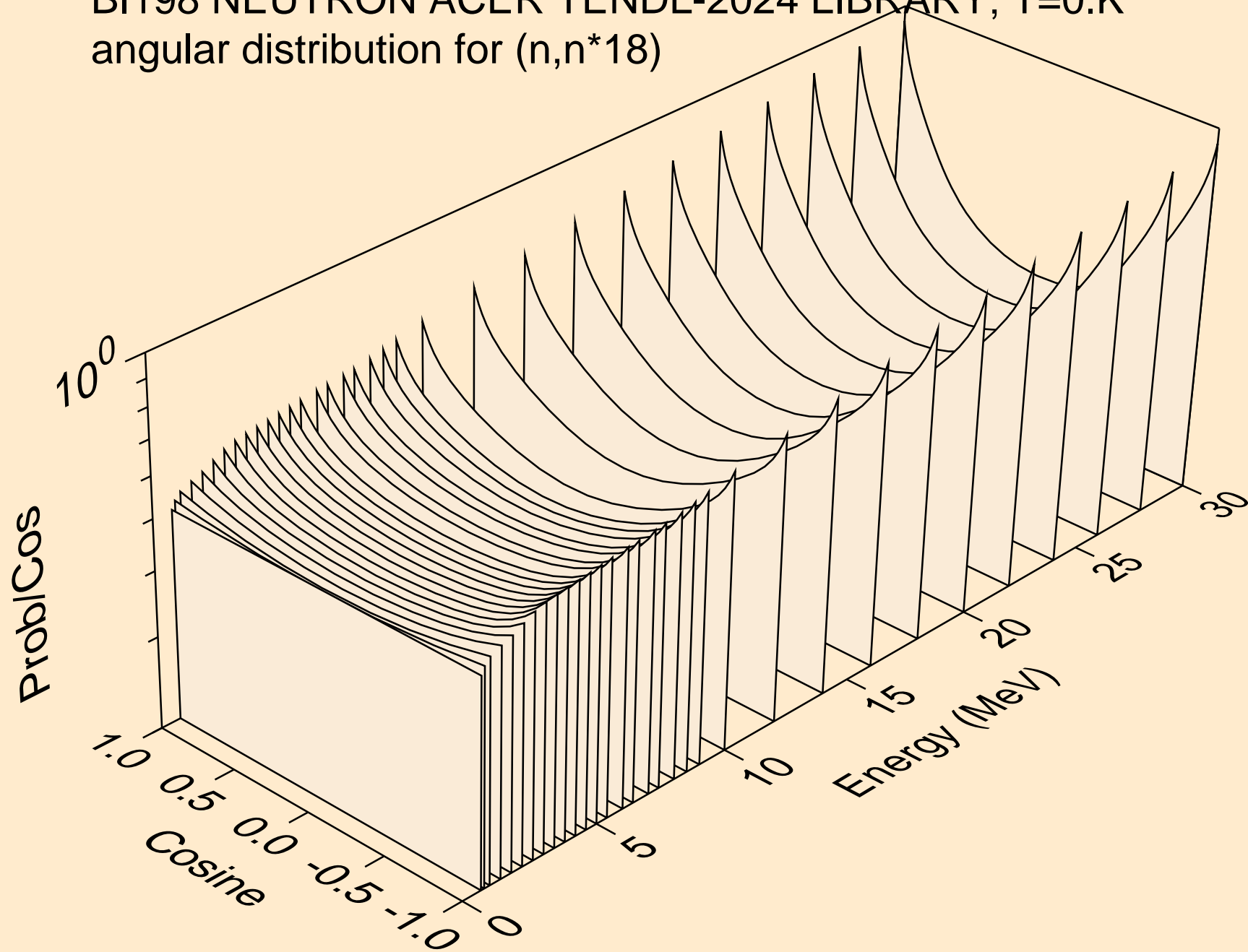
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angular distribution for (n,n*16)



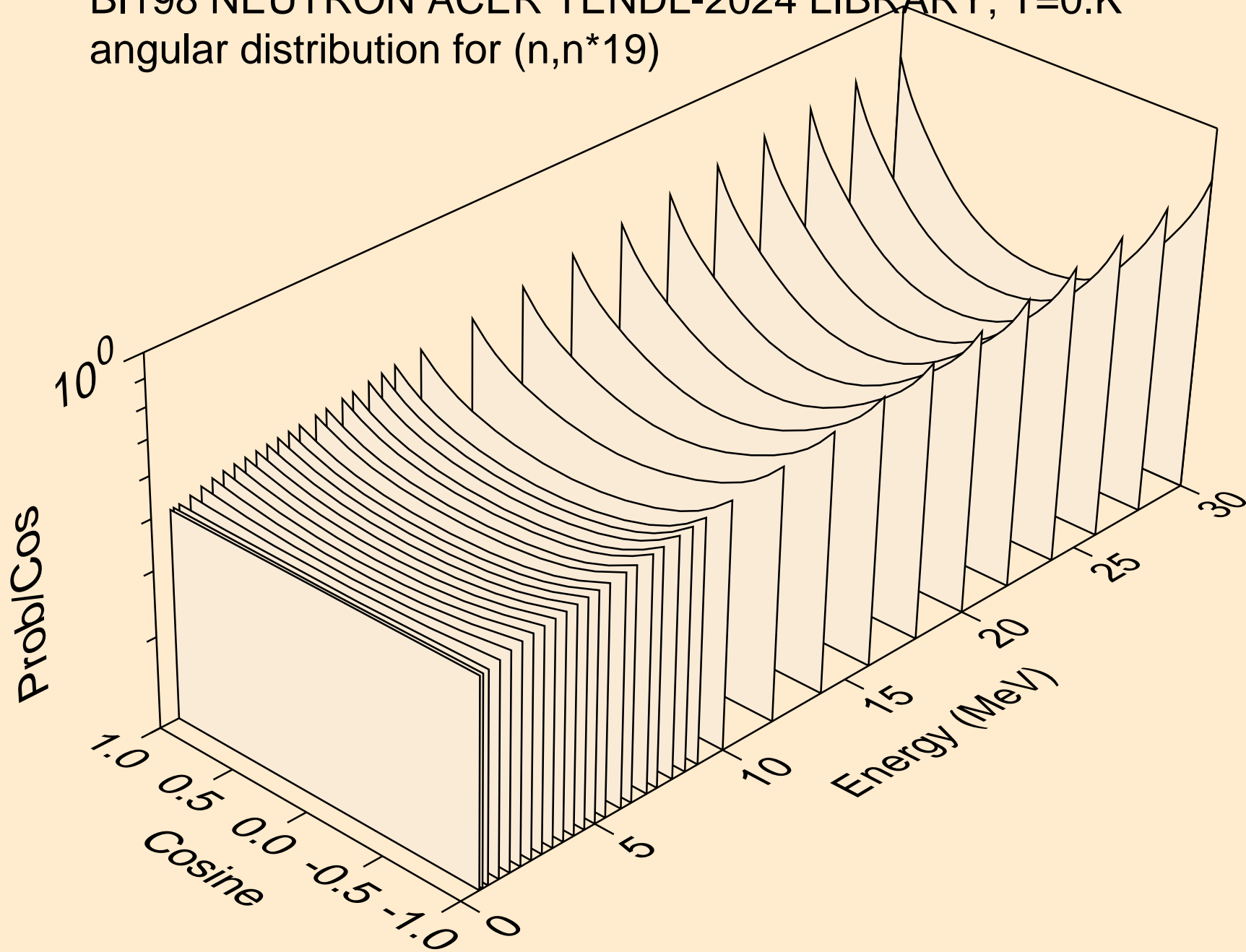
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angular distribution for (n,n*17)



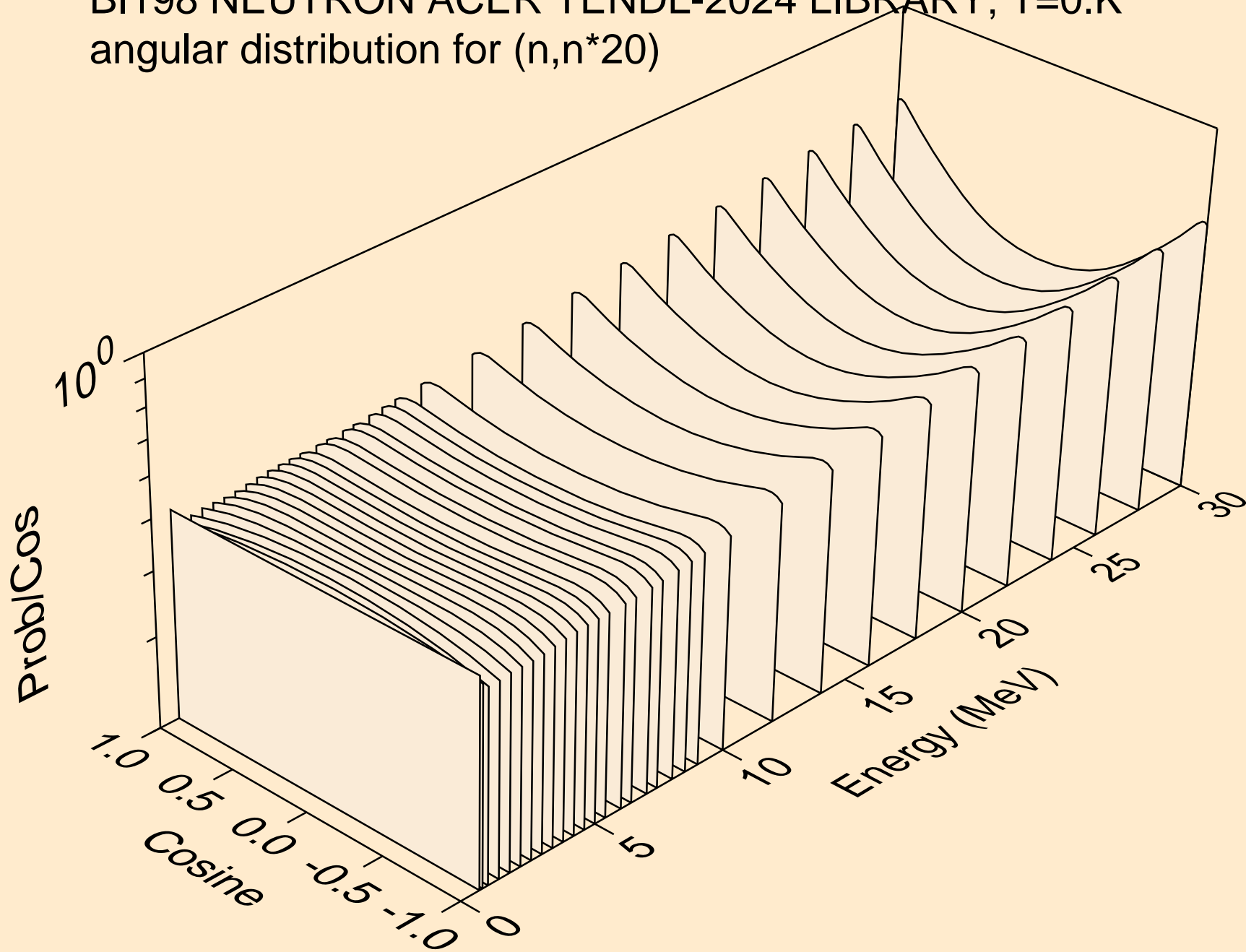
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angular distribution for (n,n*18)



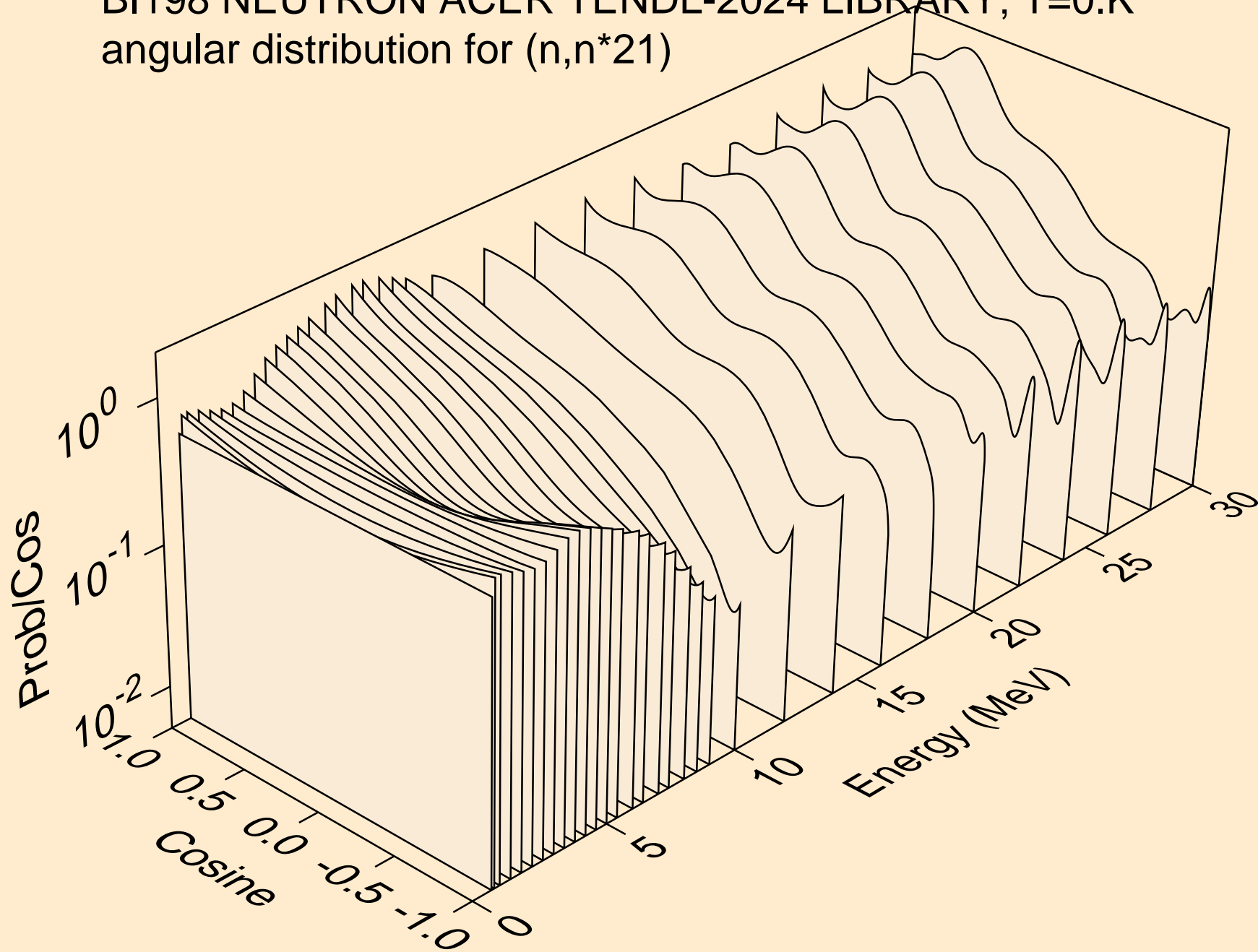
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angular distribution for (n,n*19)



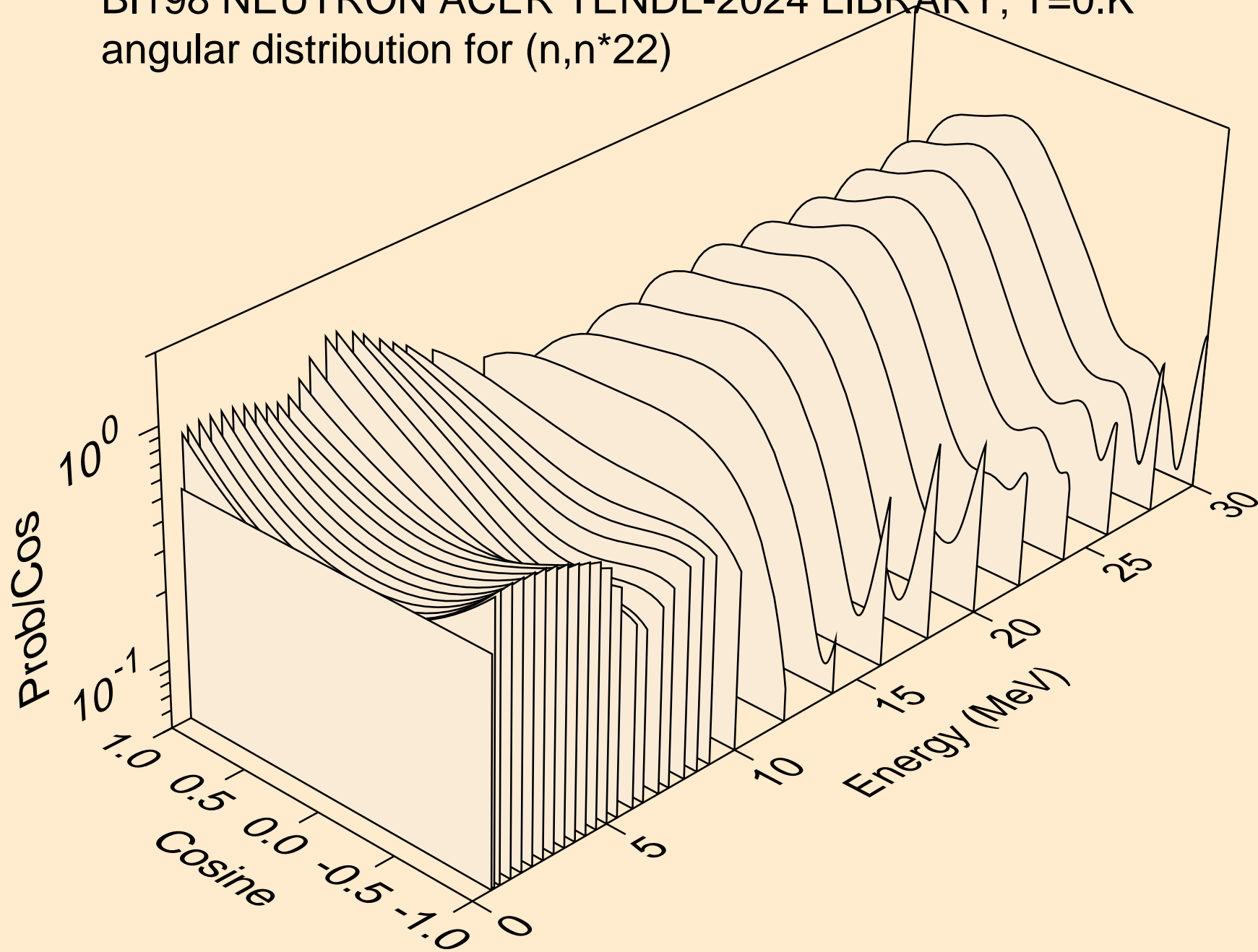
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angular distribution for (n,n*20)



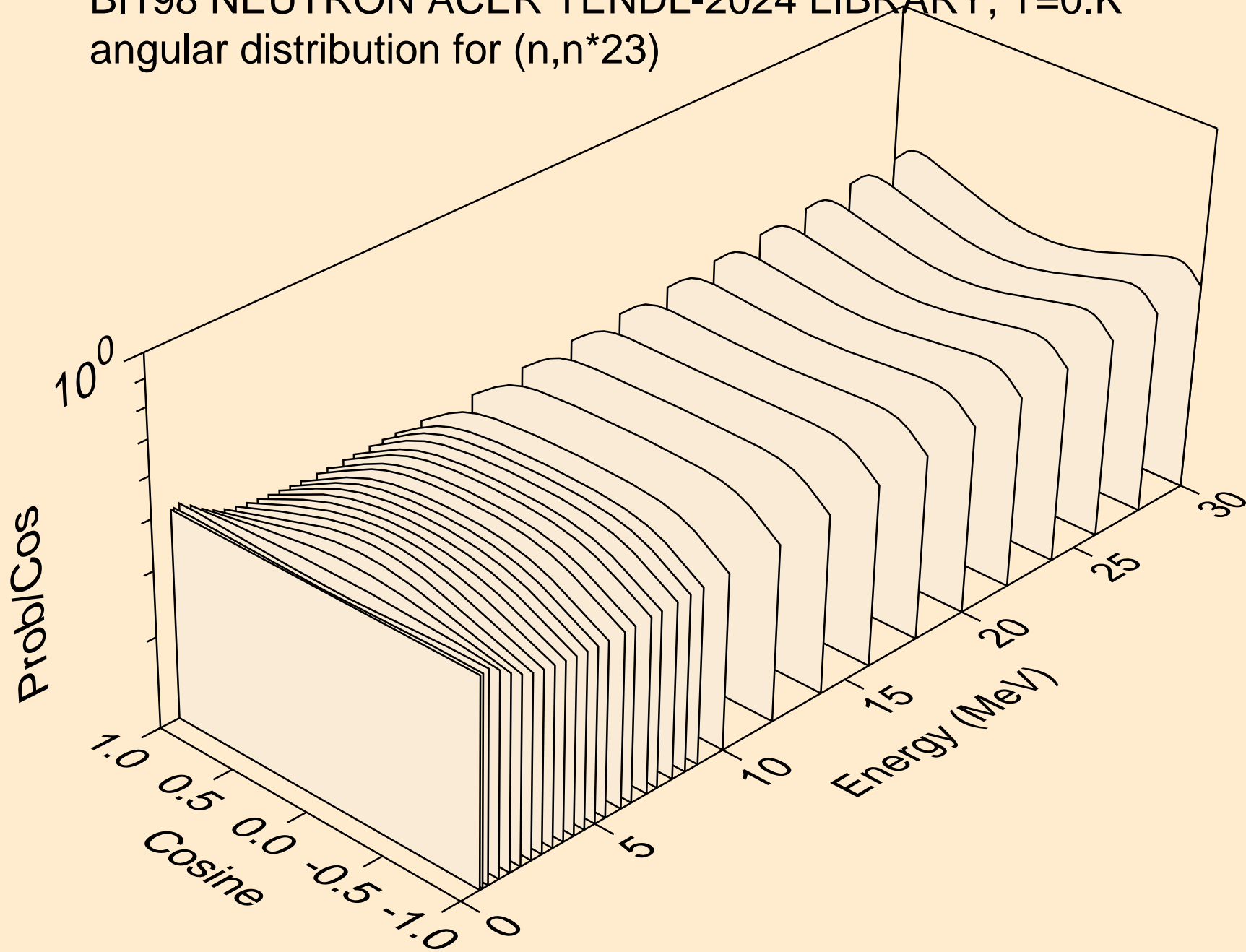
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angular distribution for (n,n*21)



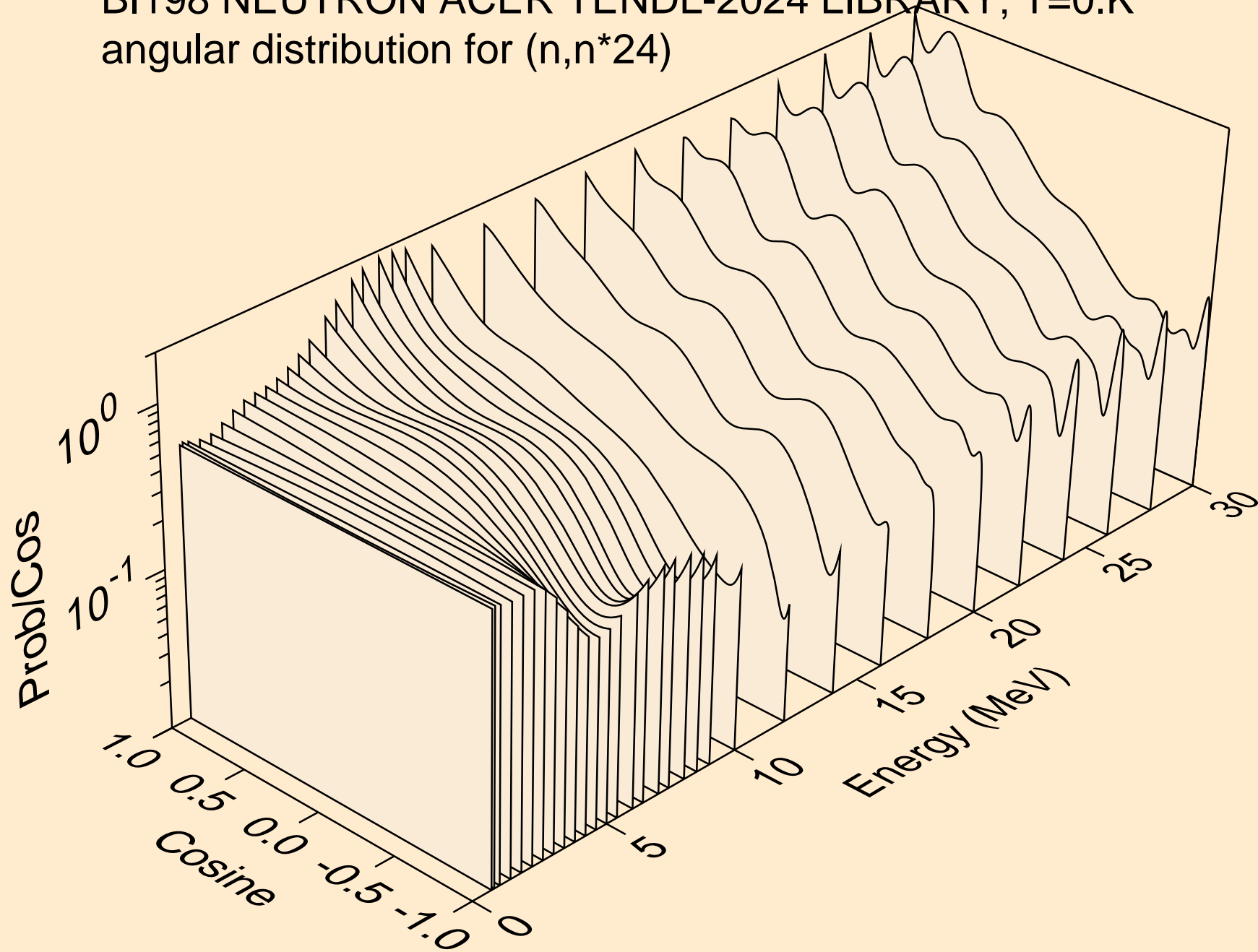
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angular distribution for (n,n*22)



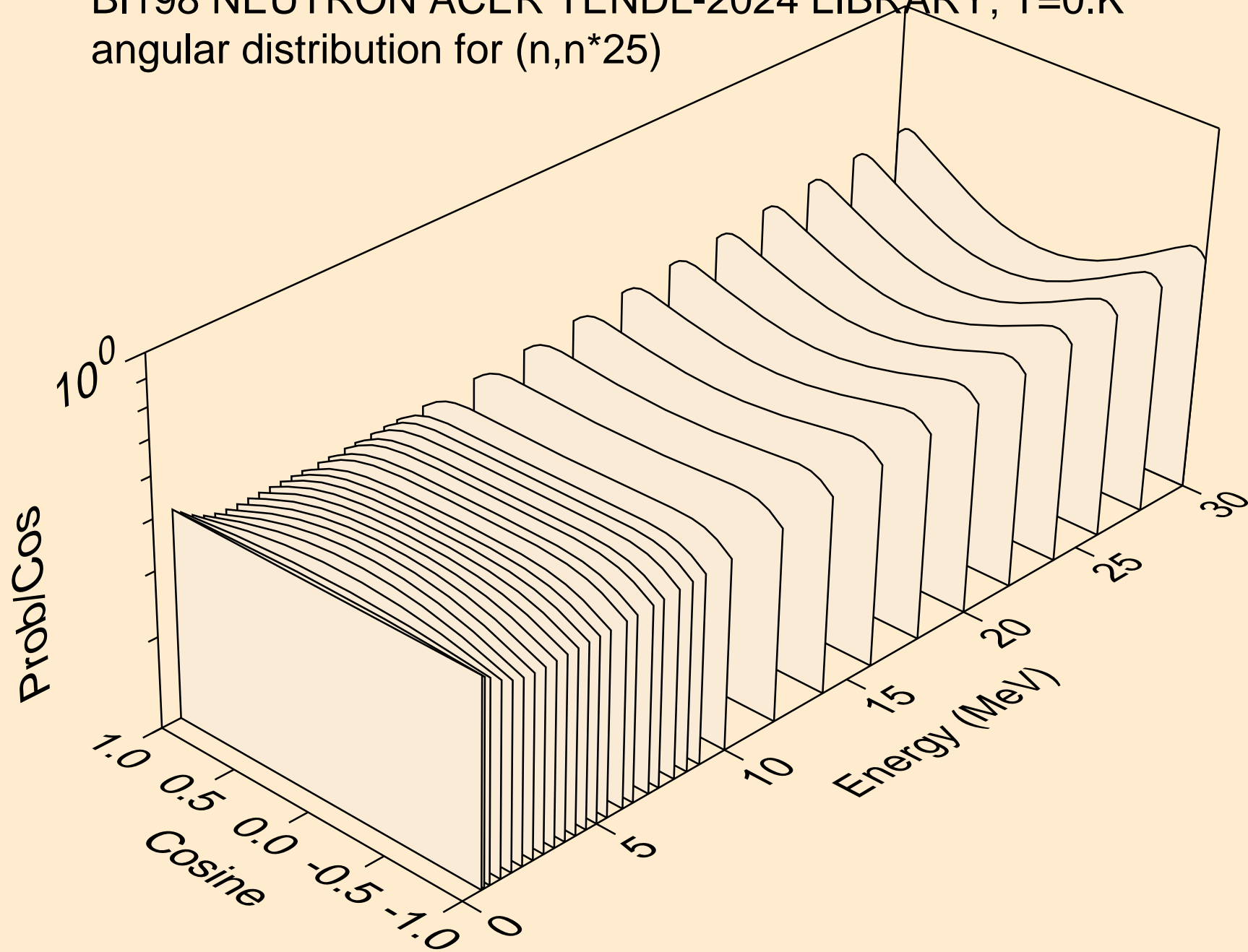
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angular distribution for (n,n*23)



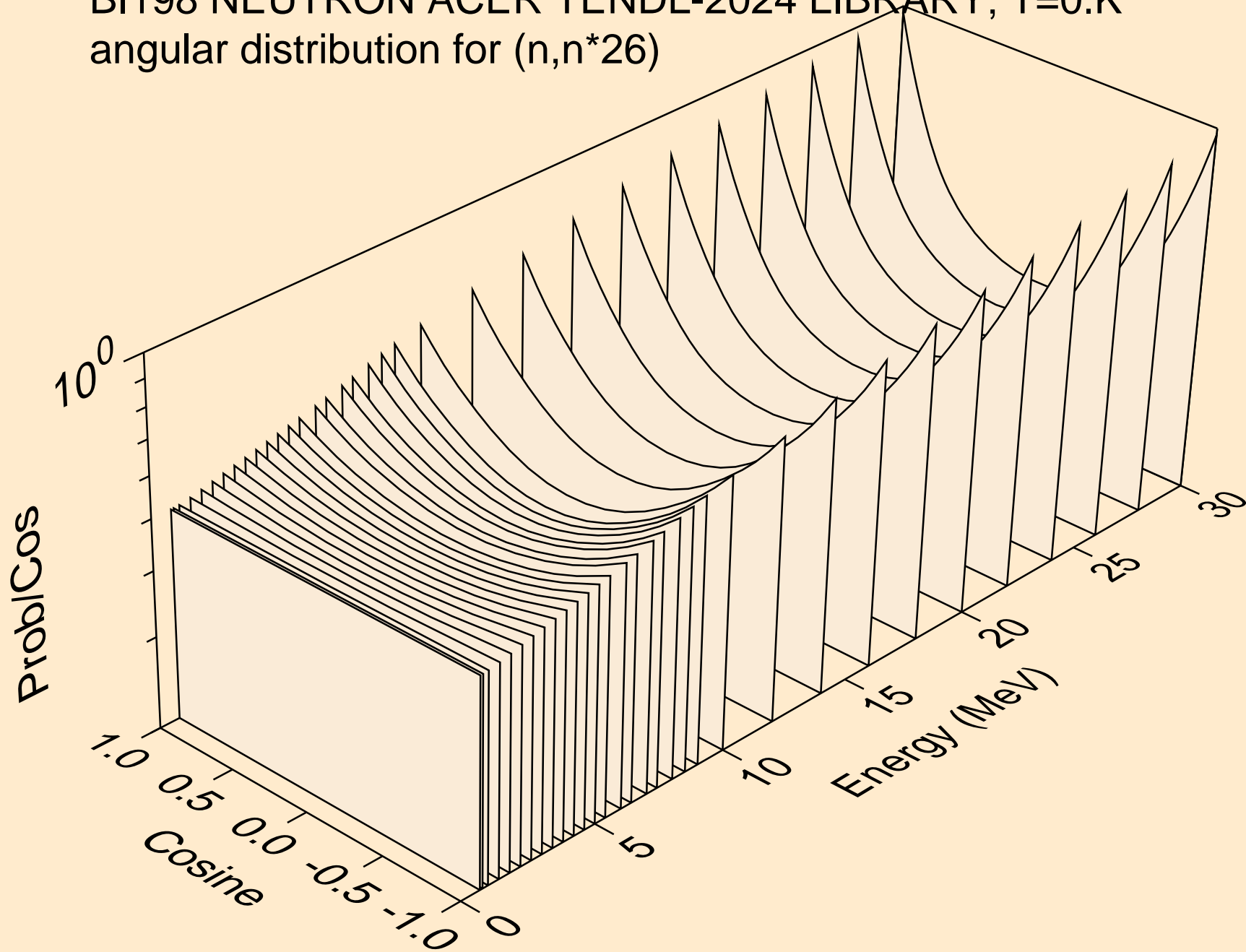
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angular distribution for (n,n*24)



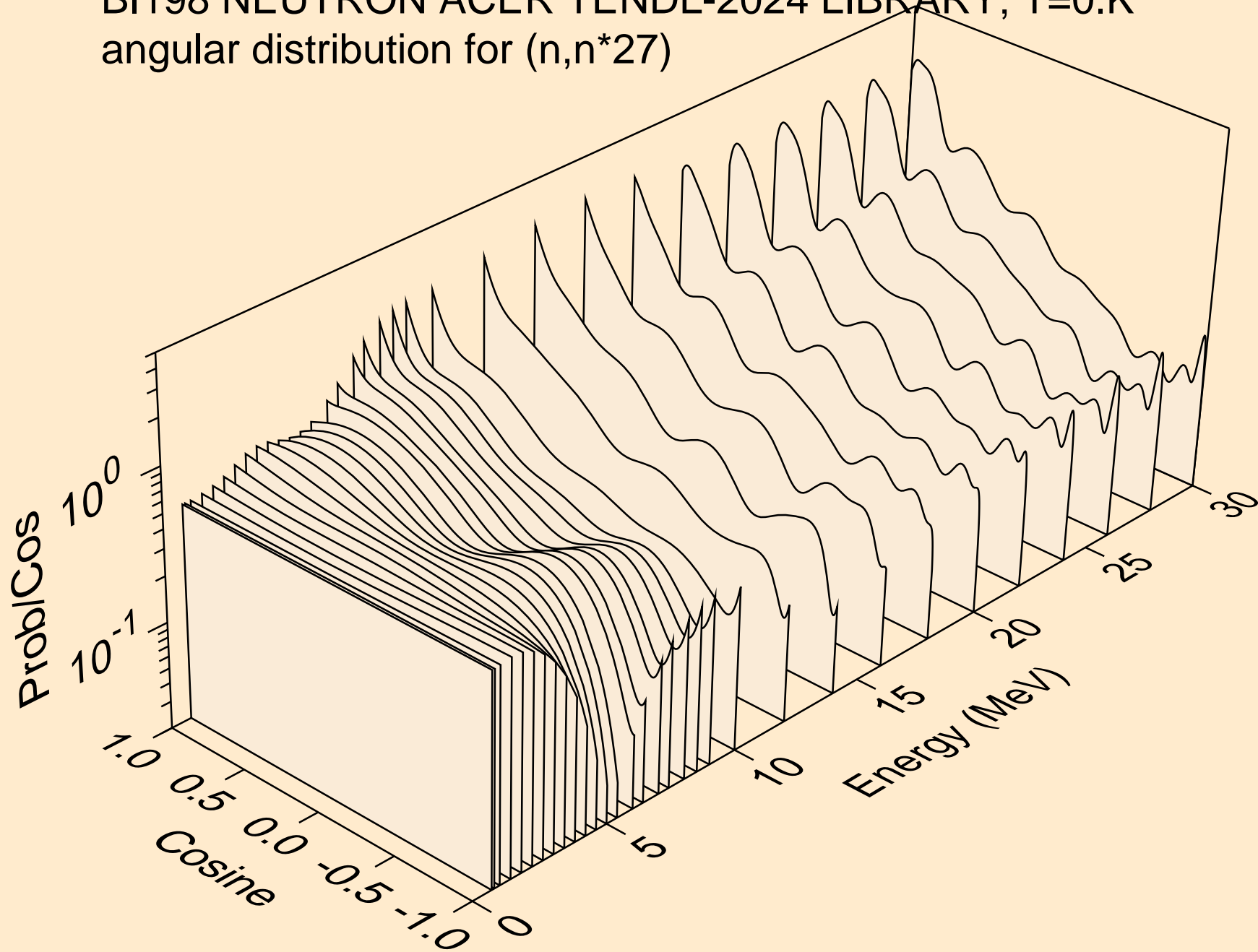
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



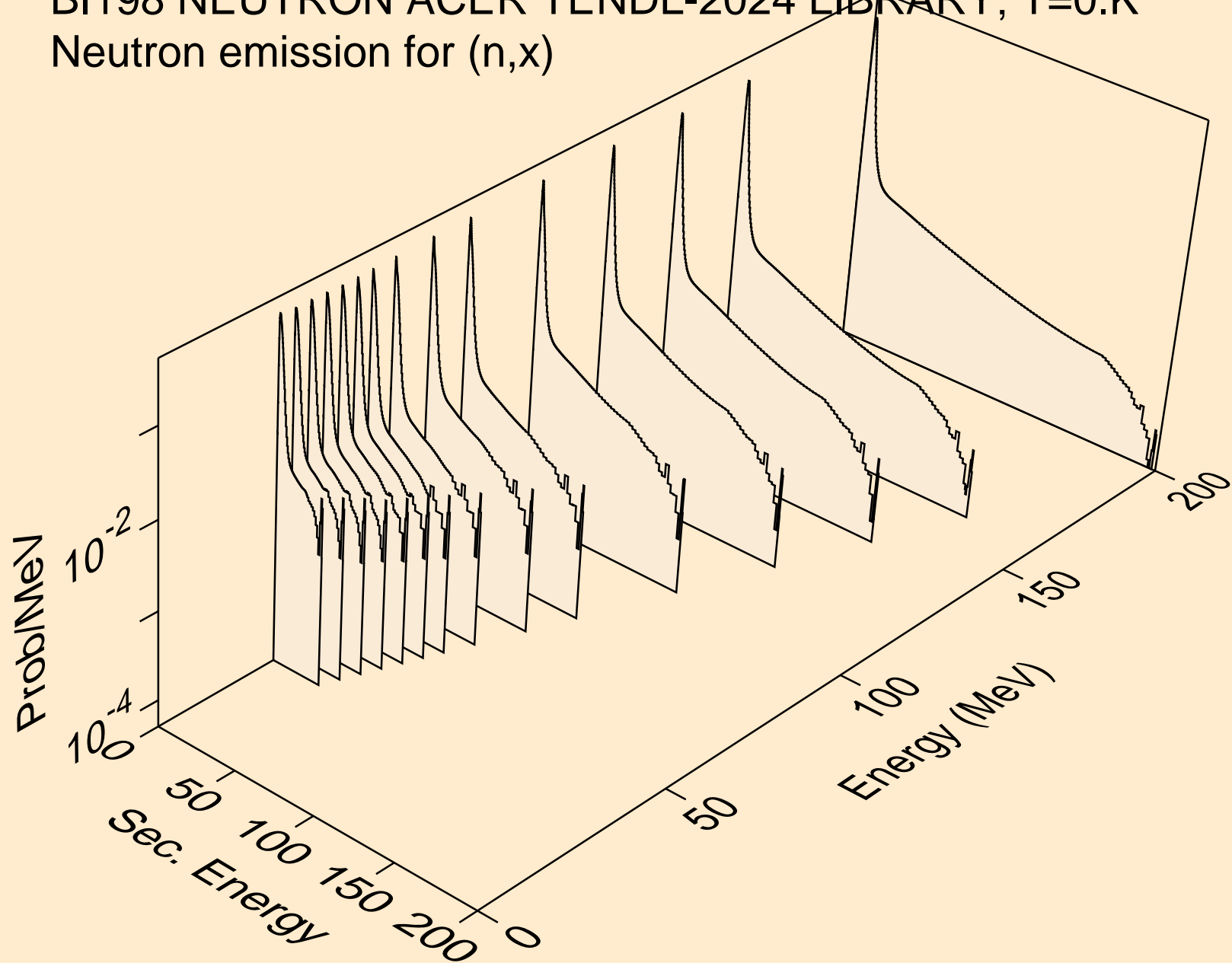
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



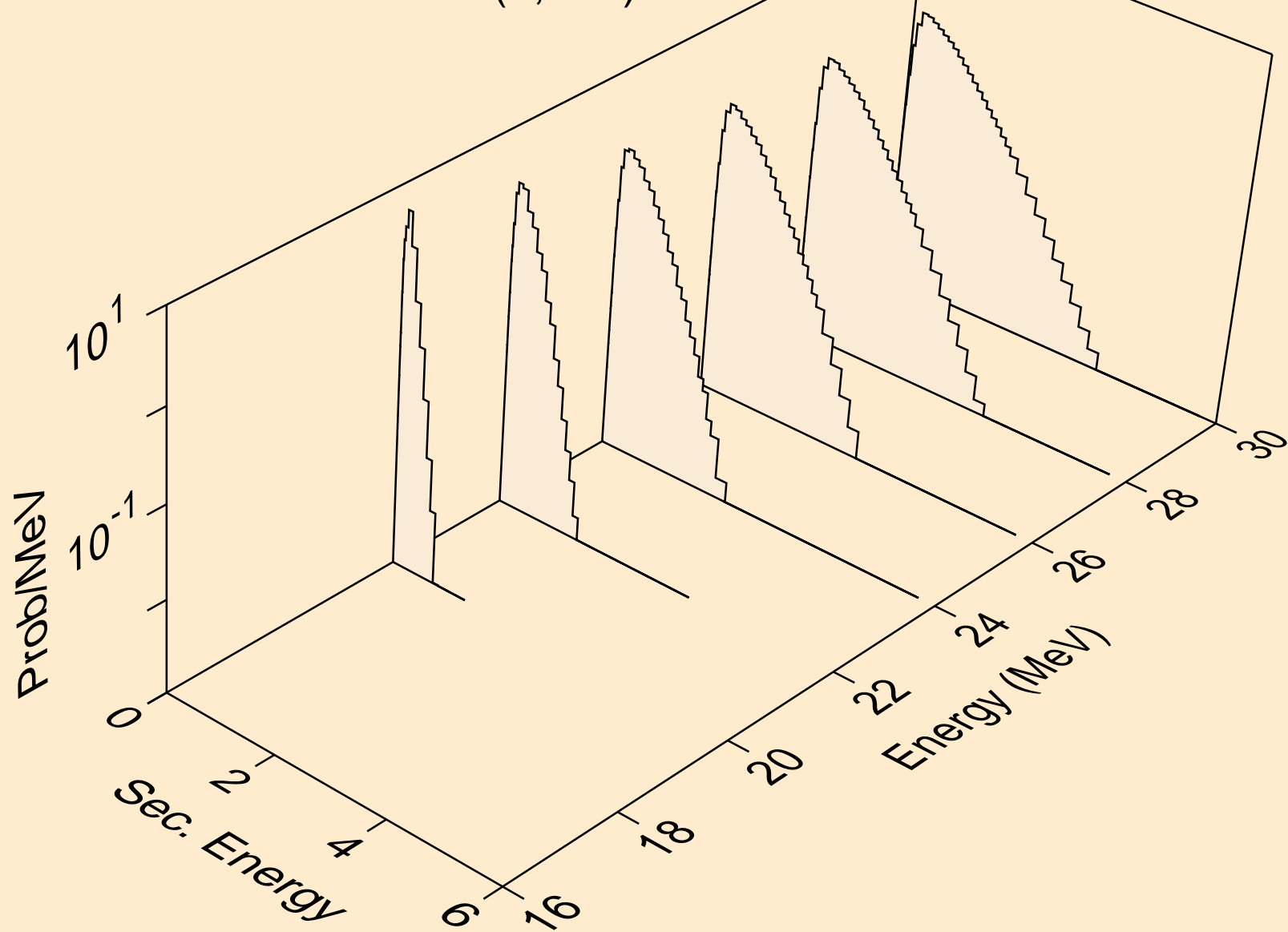
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



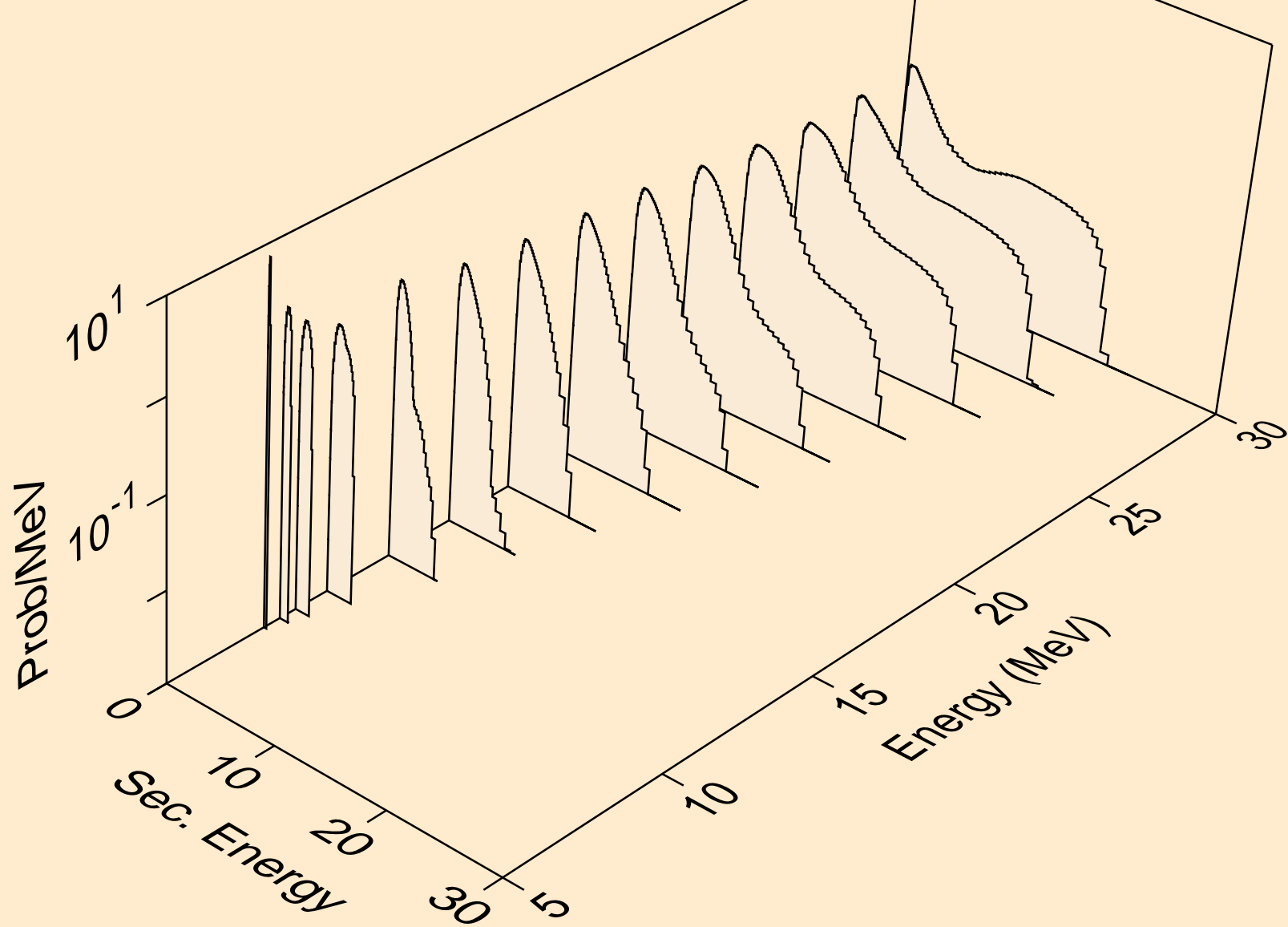
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



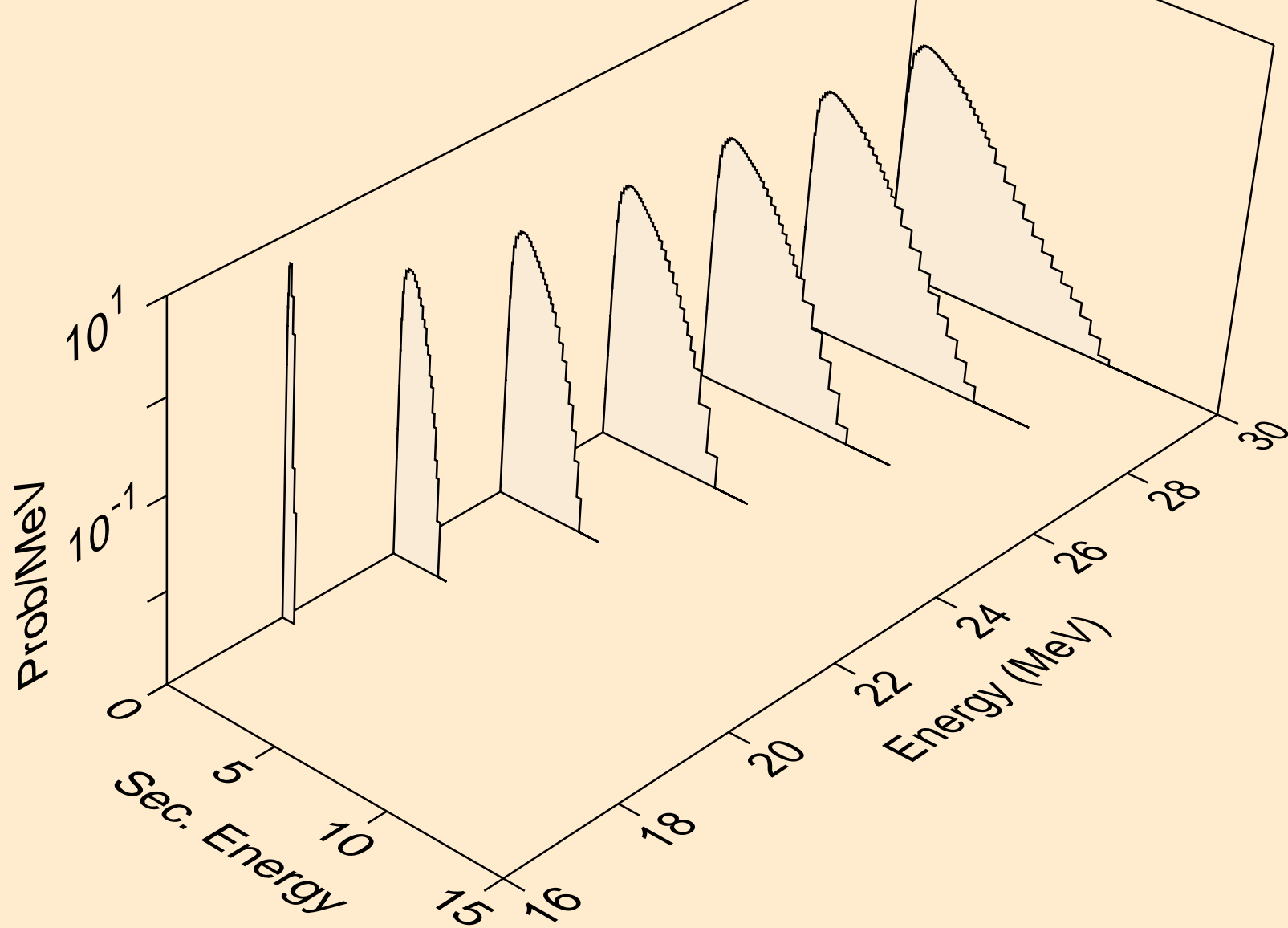
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



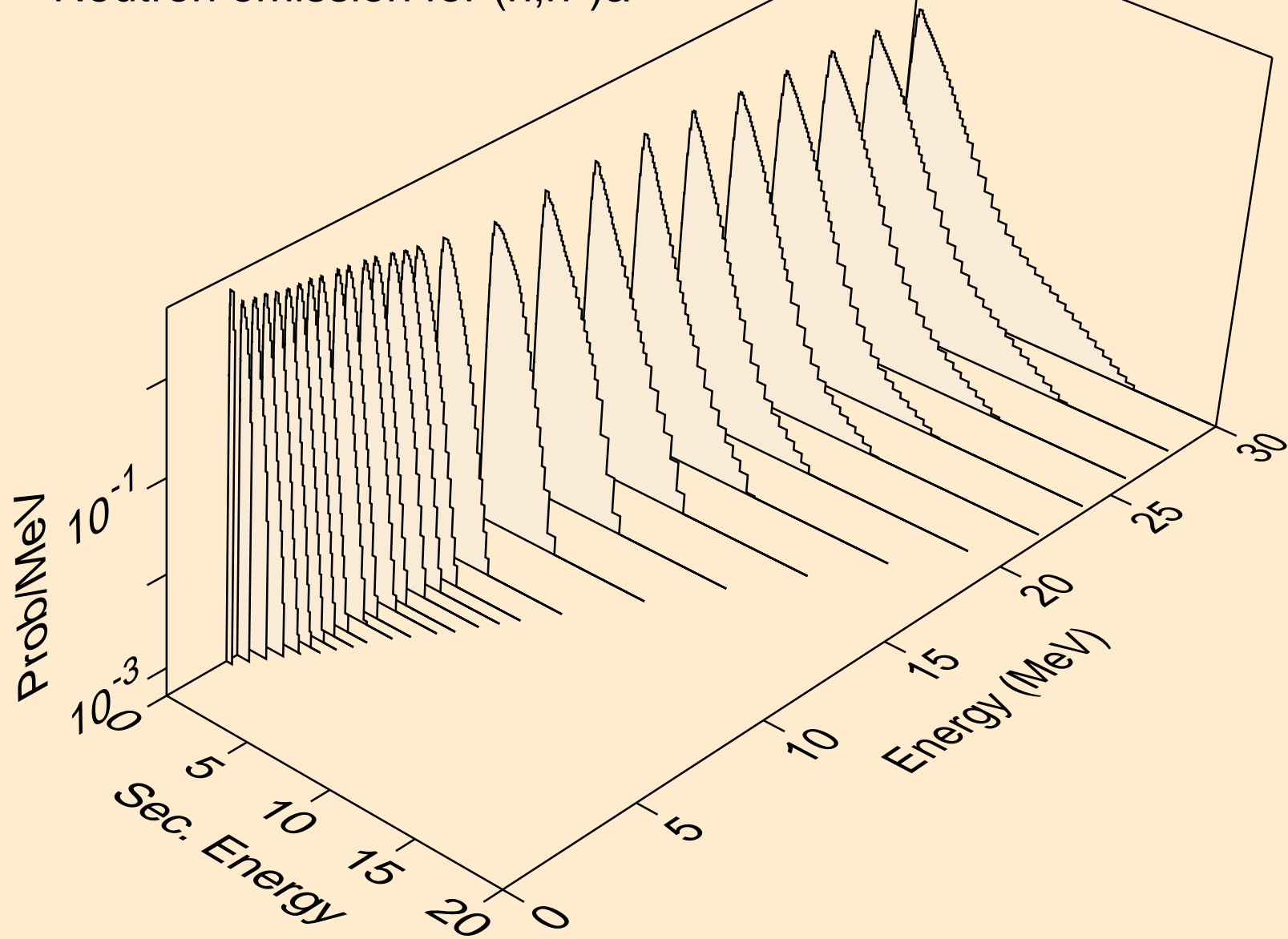
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



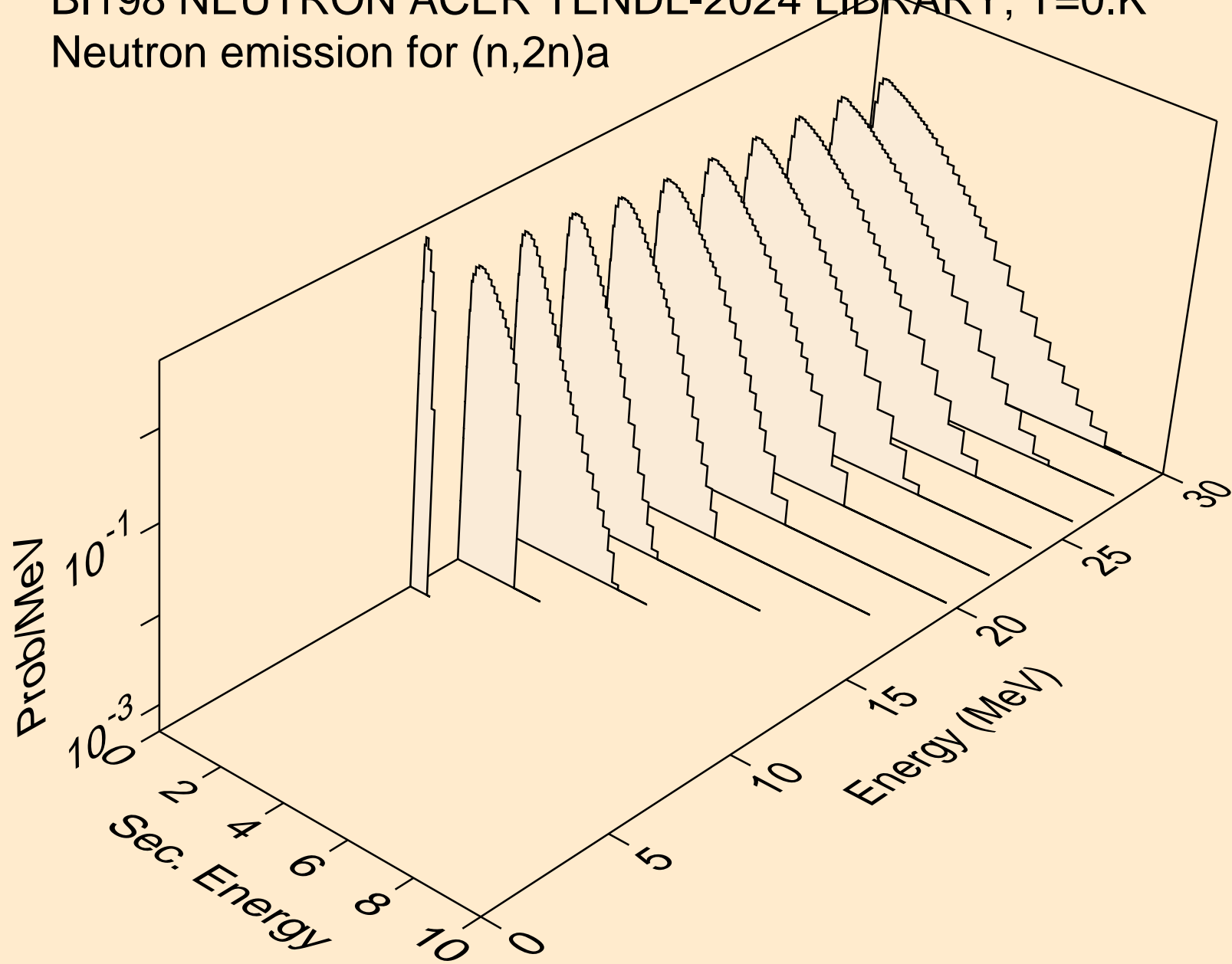
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



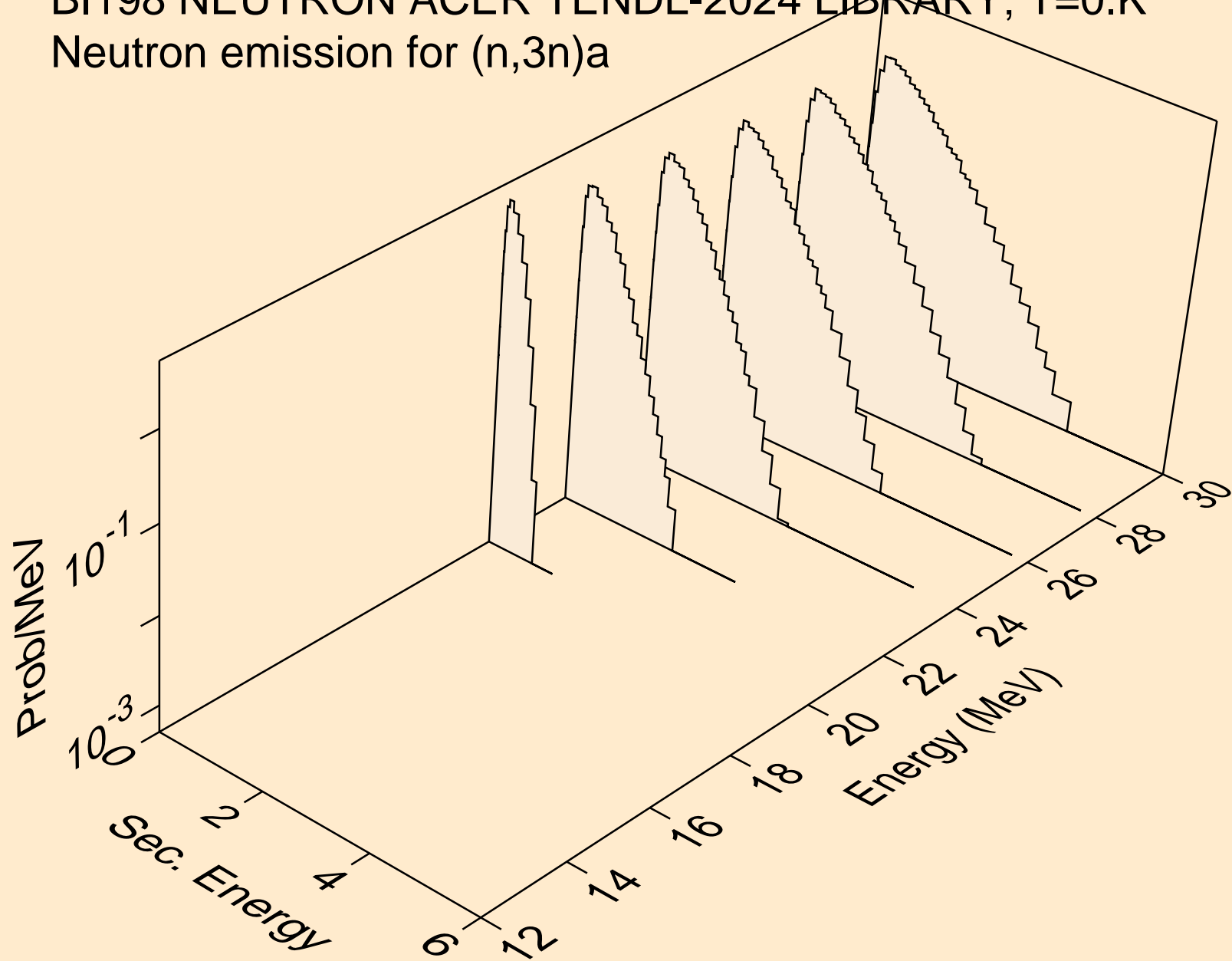
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



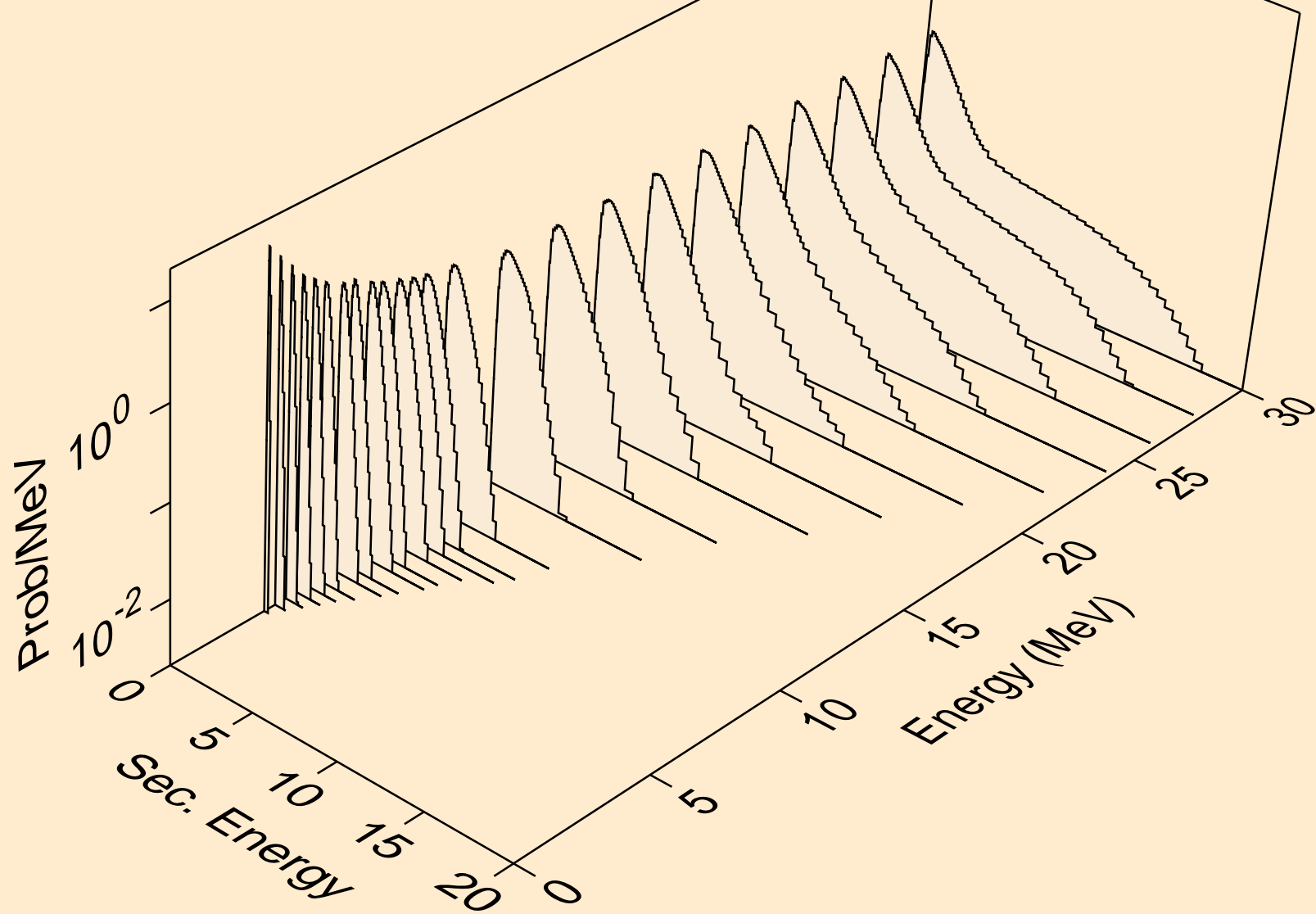
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



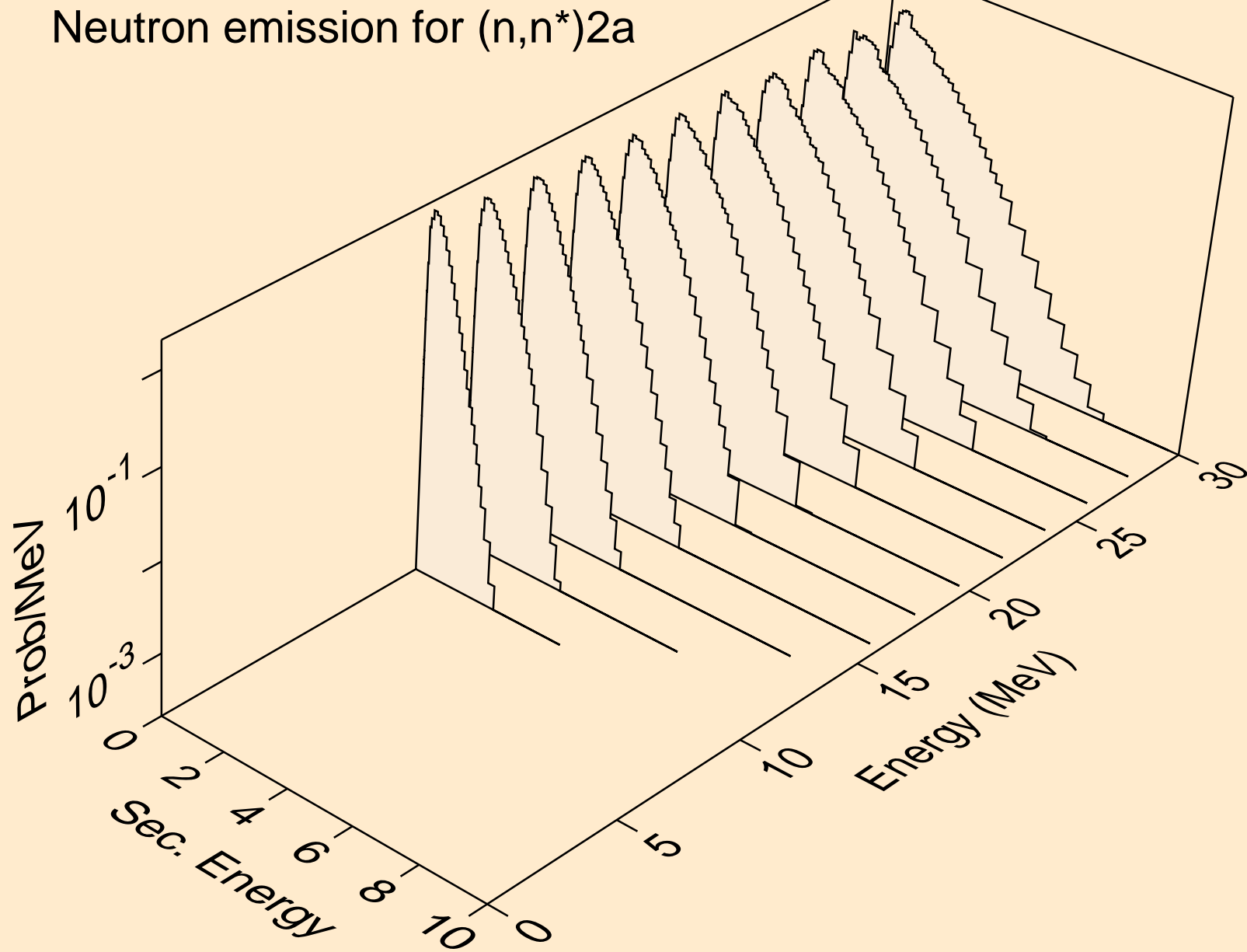
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



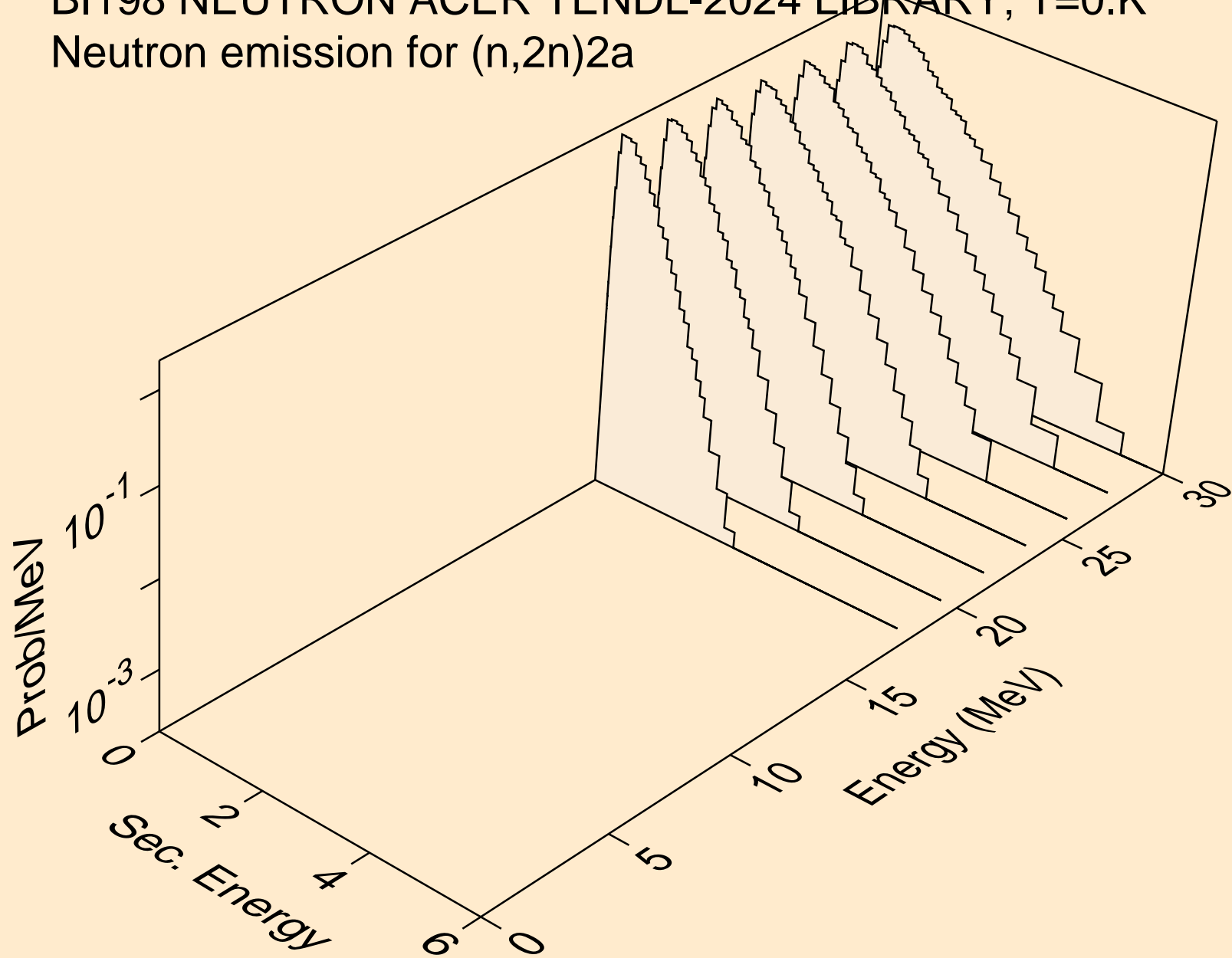
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



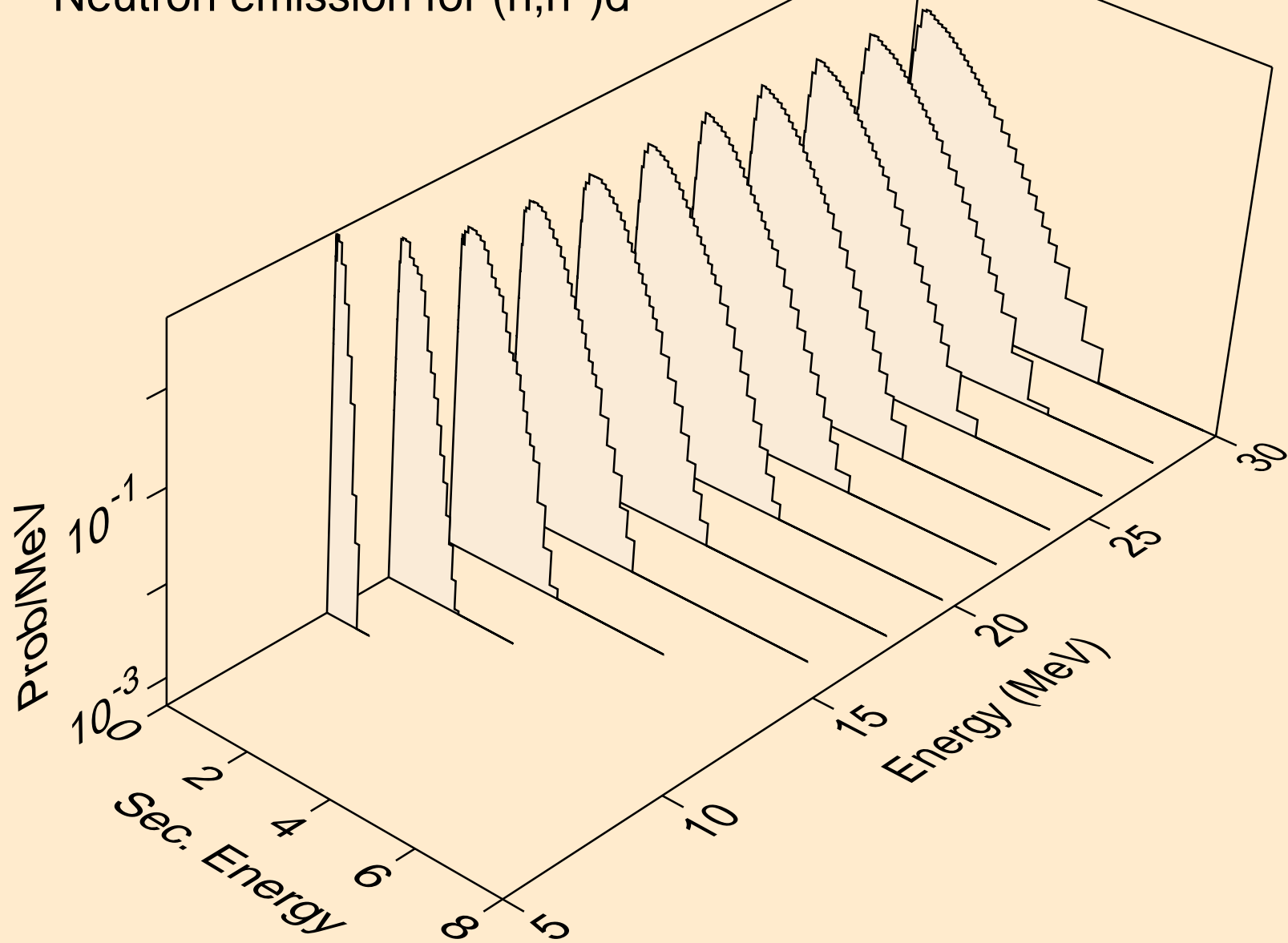
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



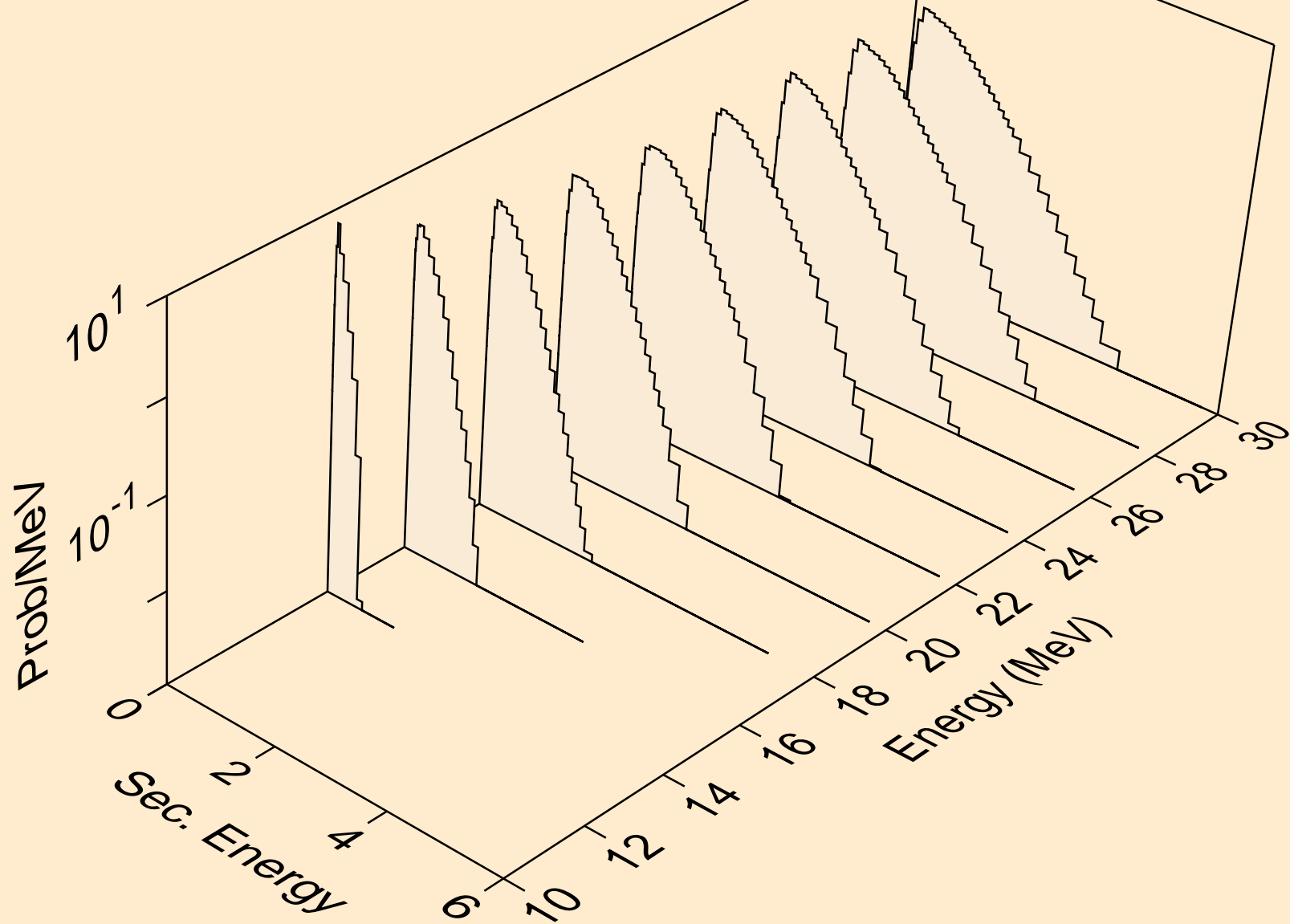
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



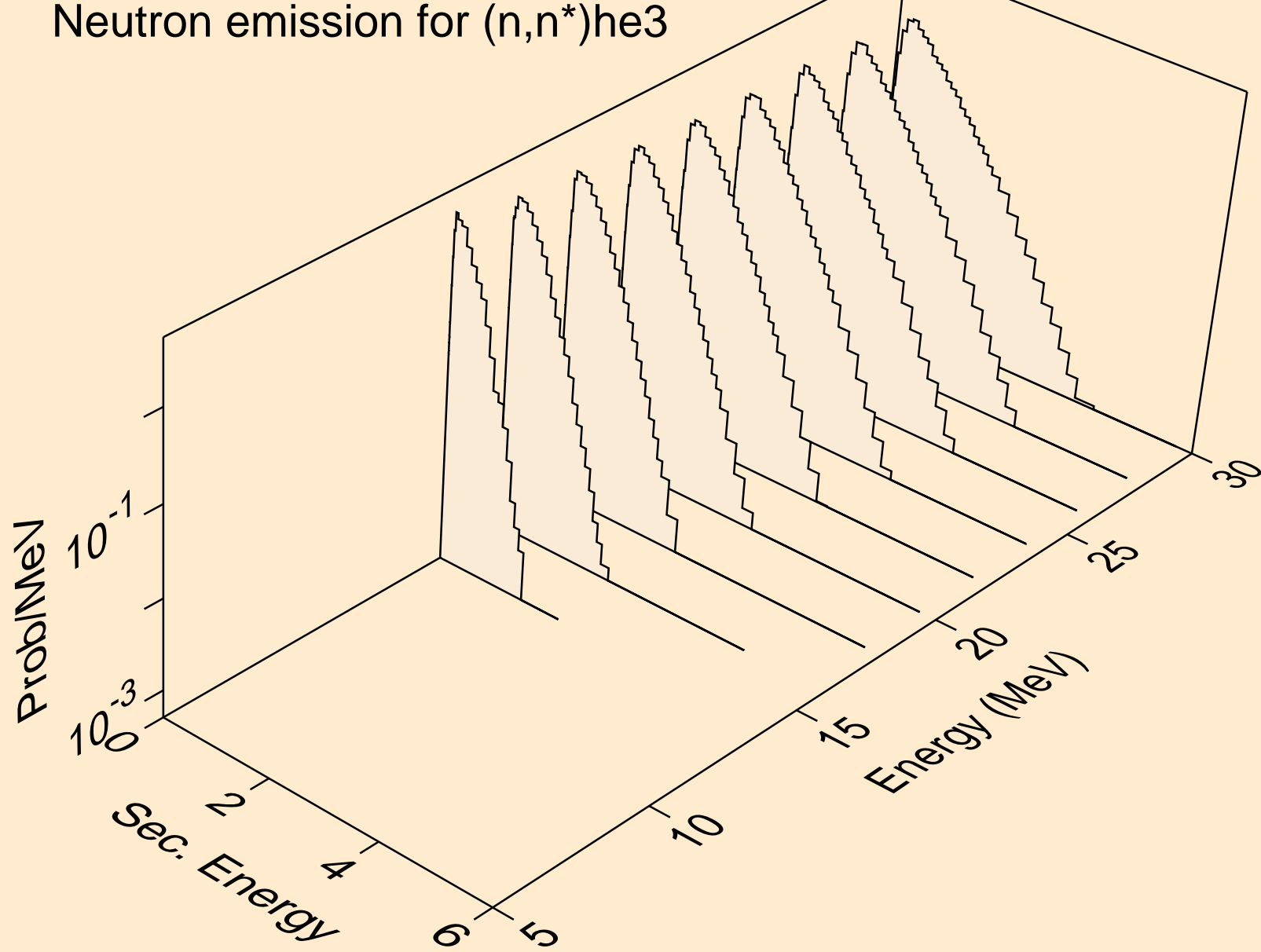
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



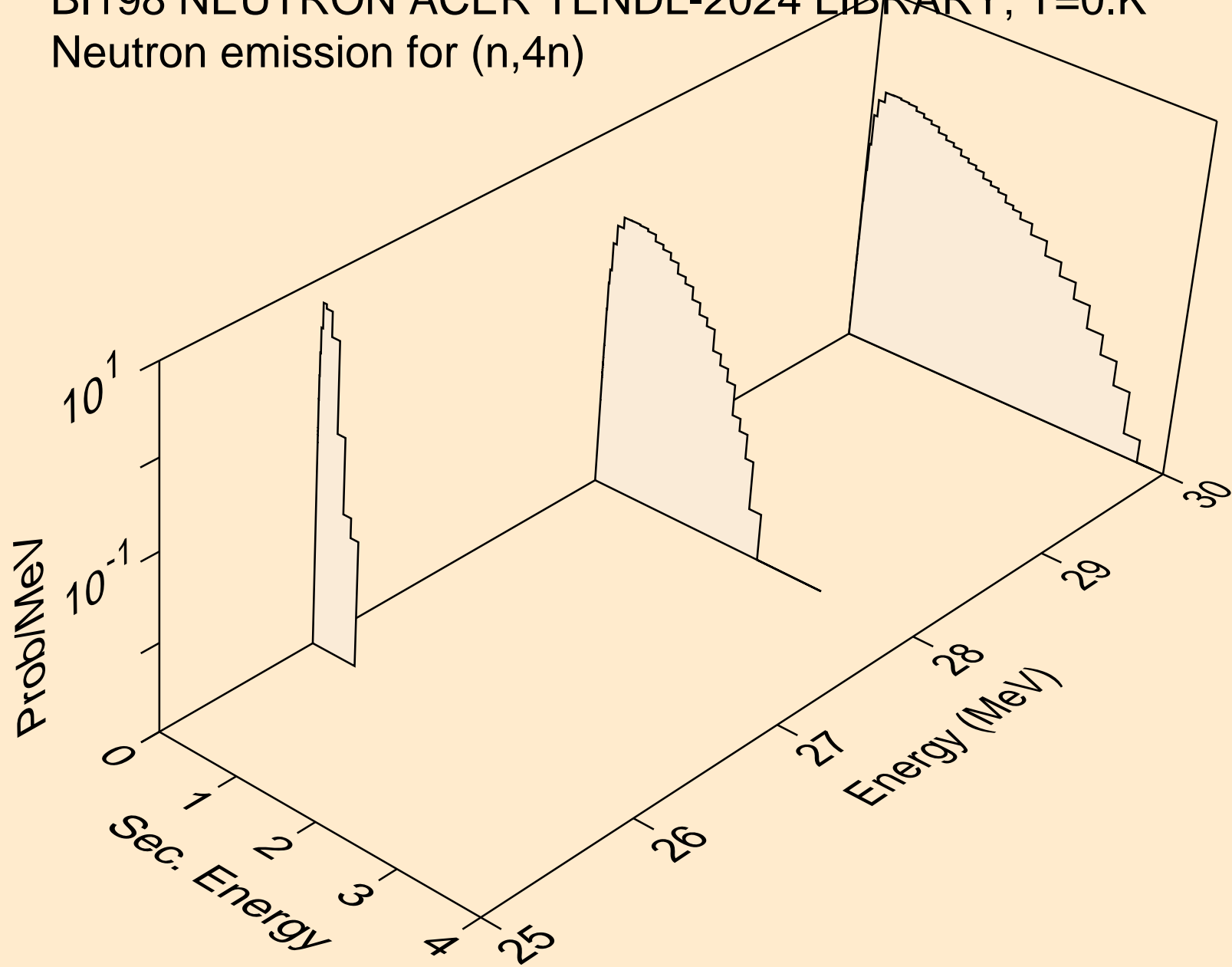
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



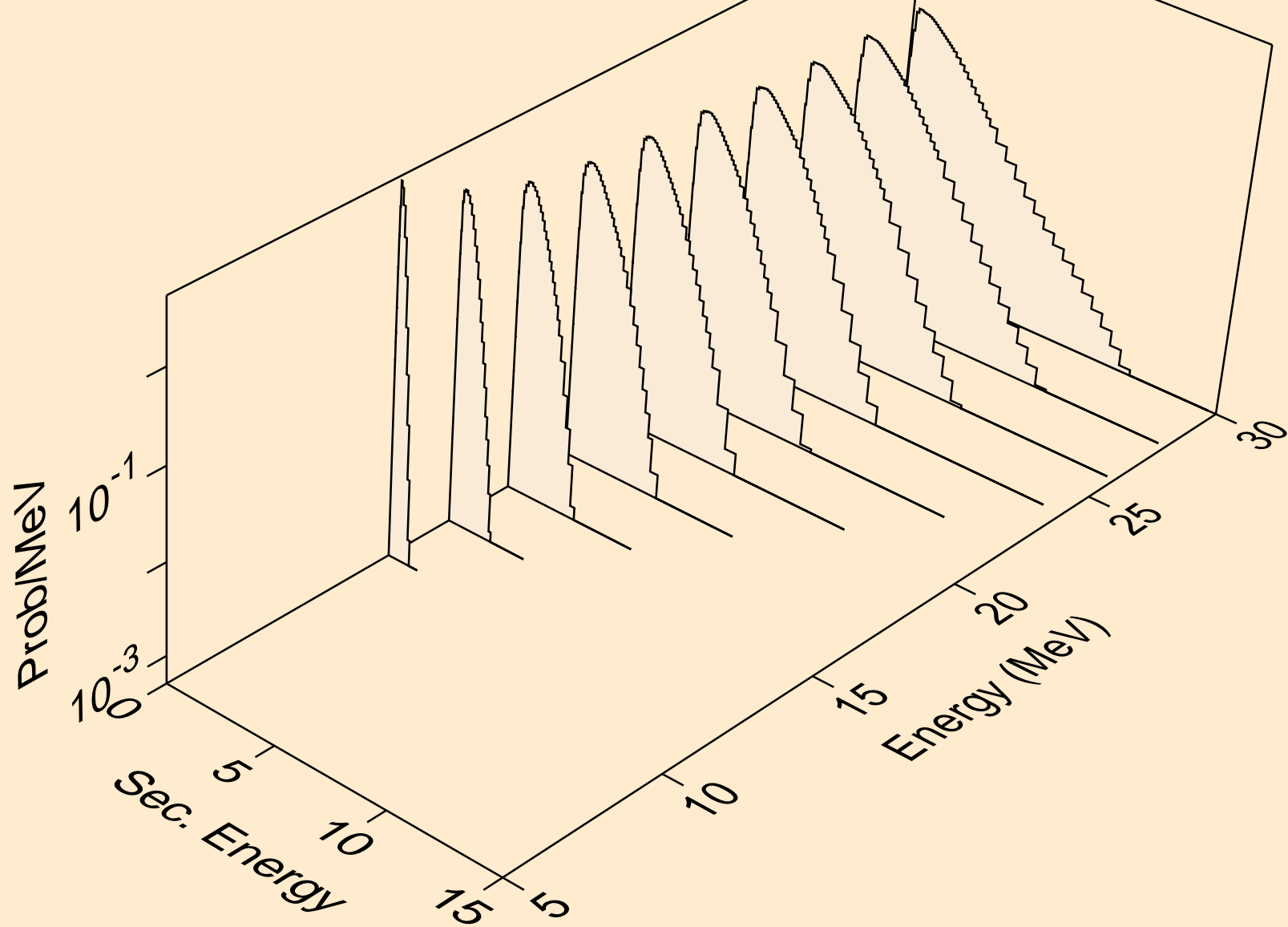
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



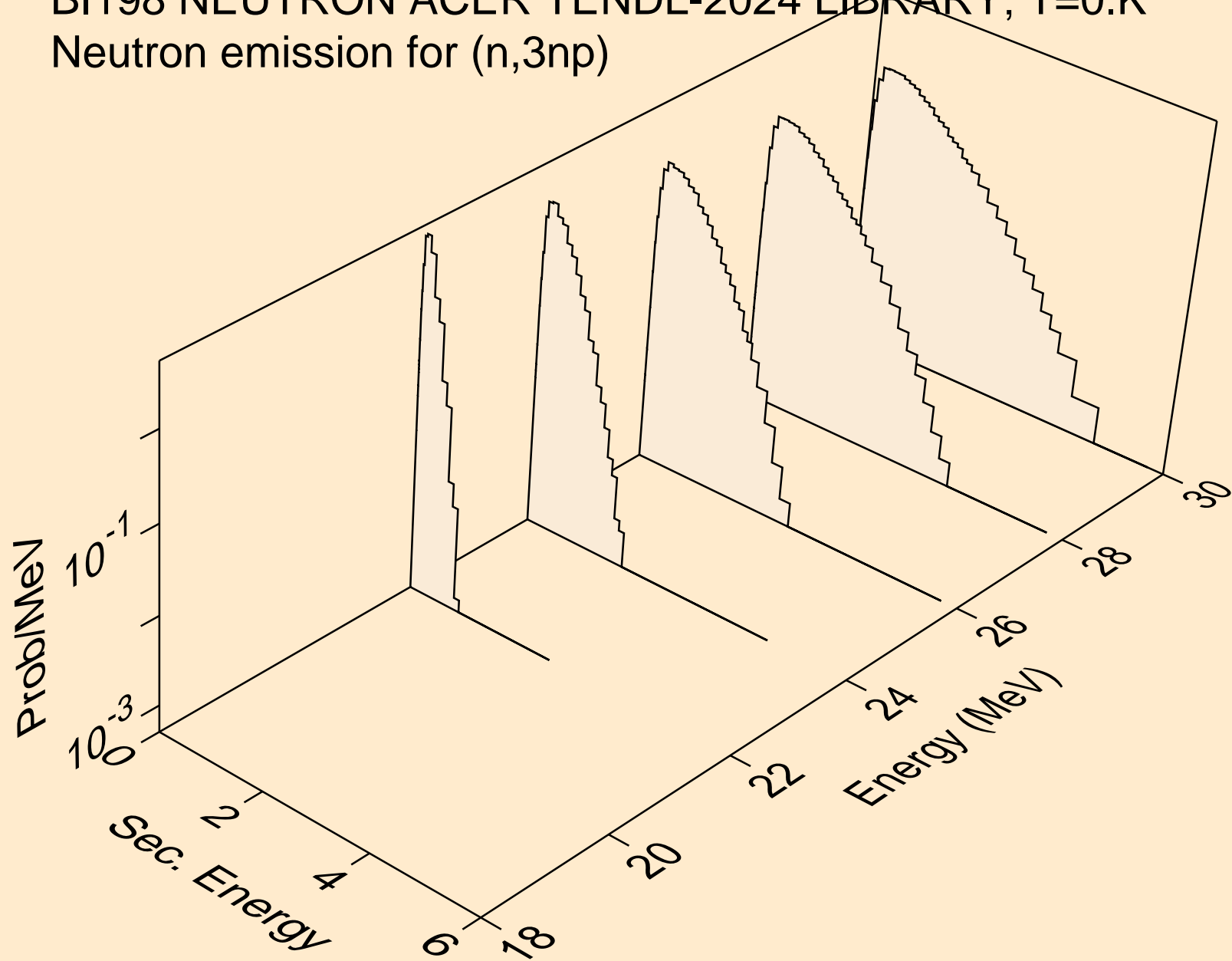
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



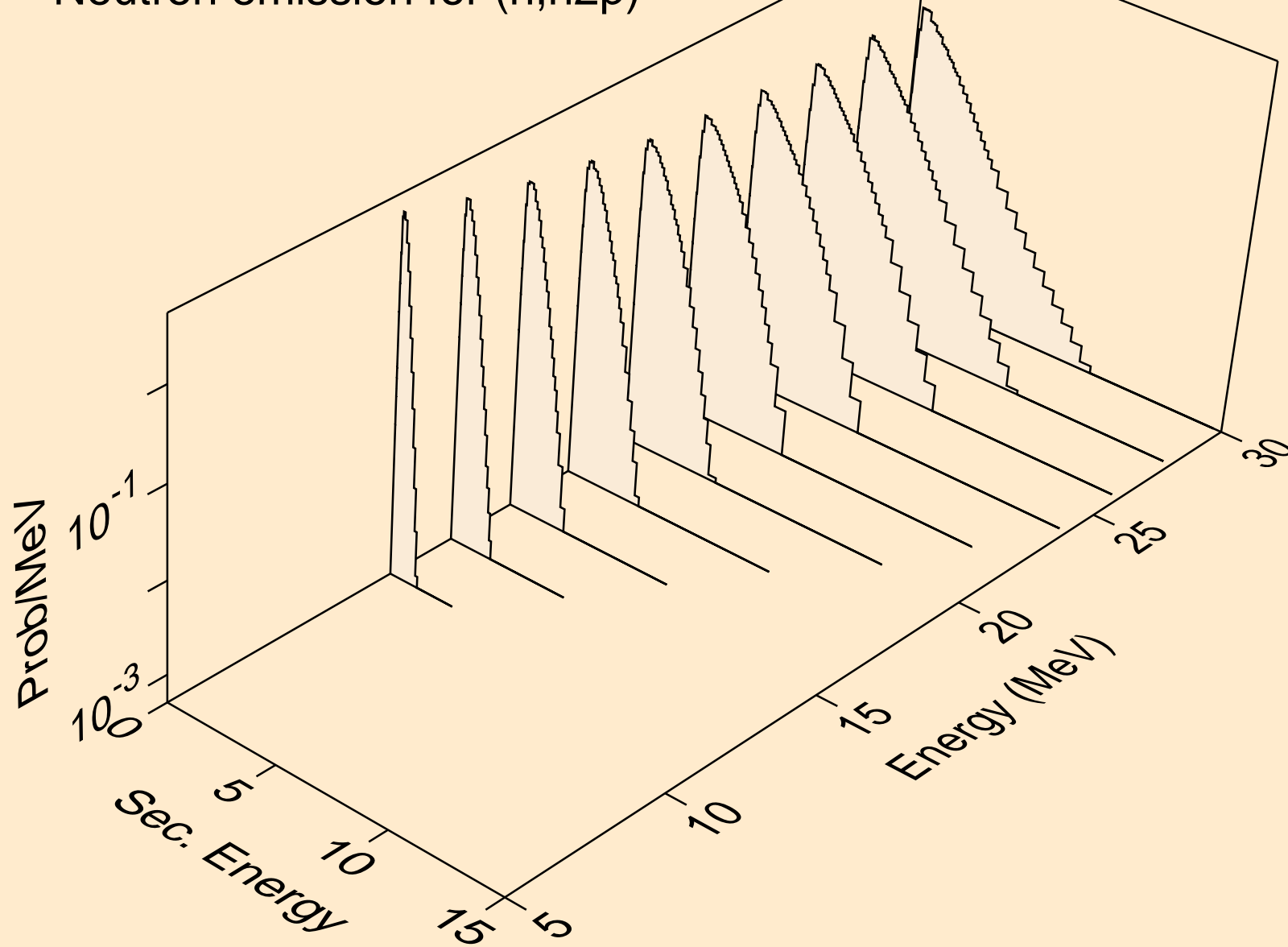
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



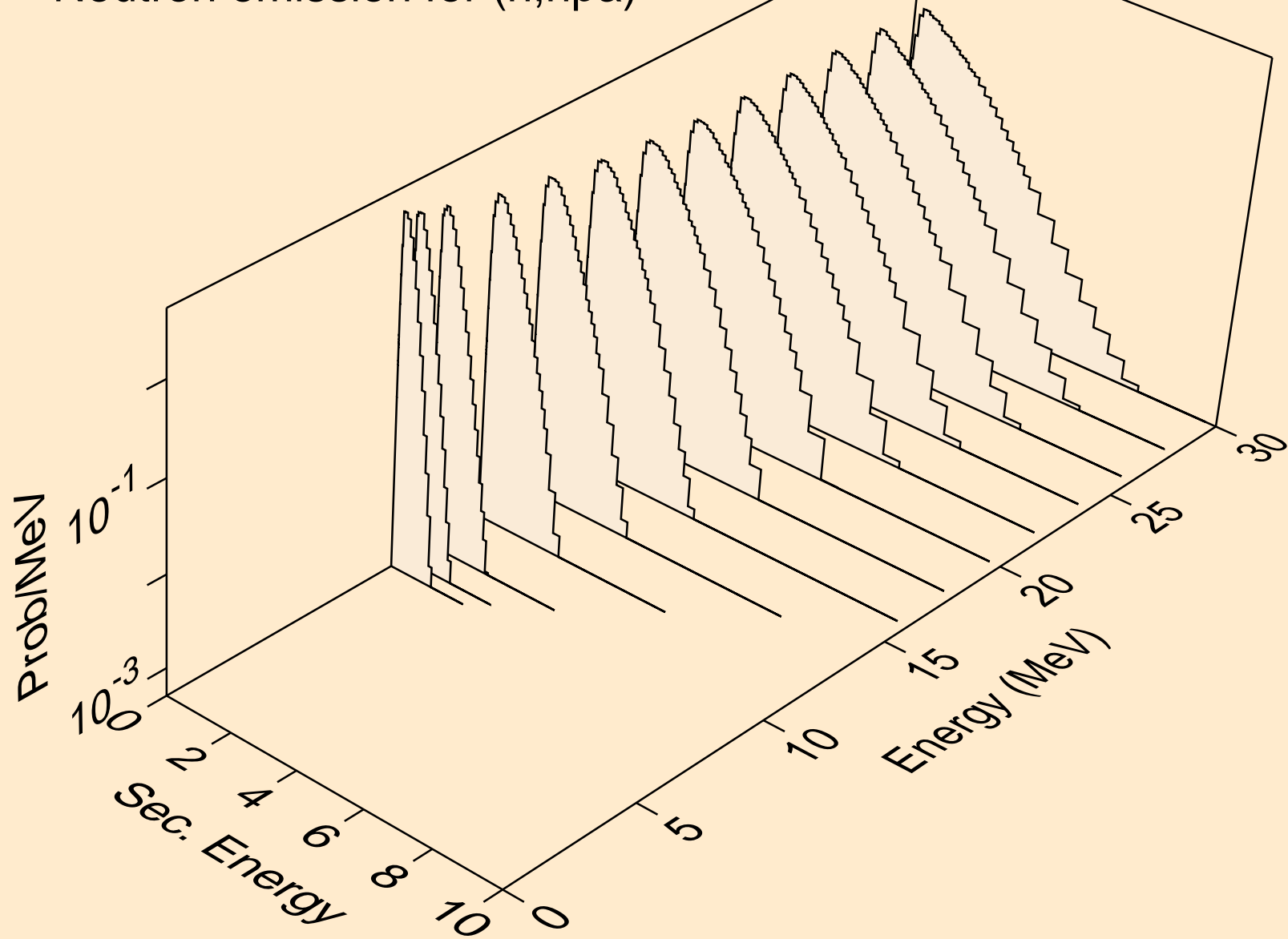
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



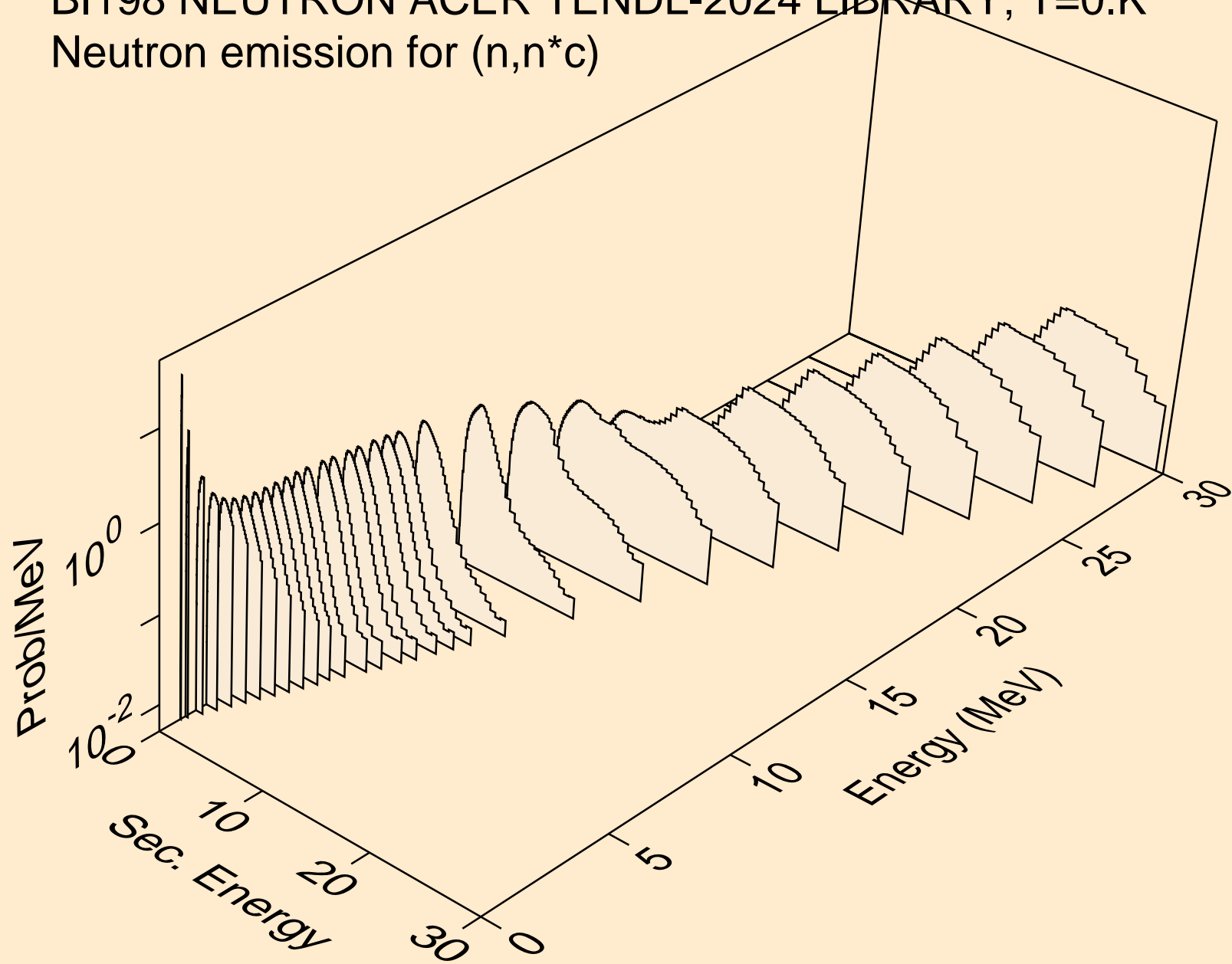
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Neutron emission for (n,n2p)



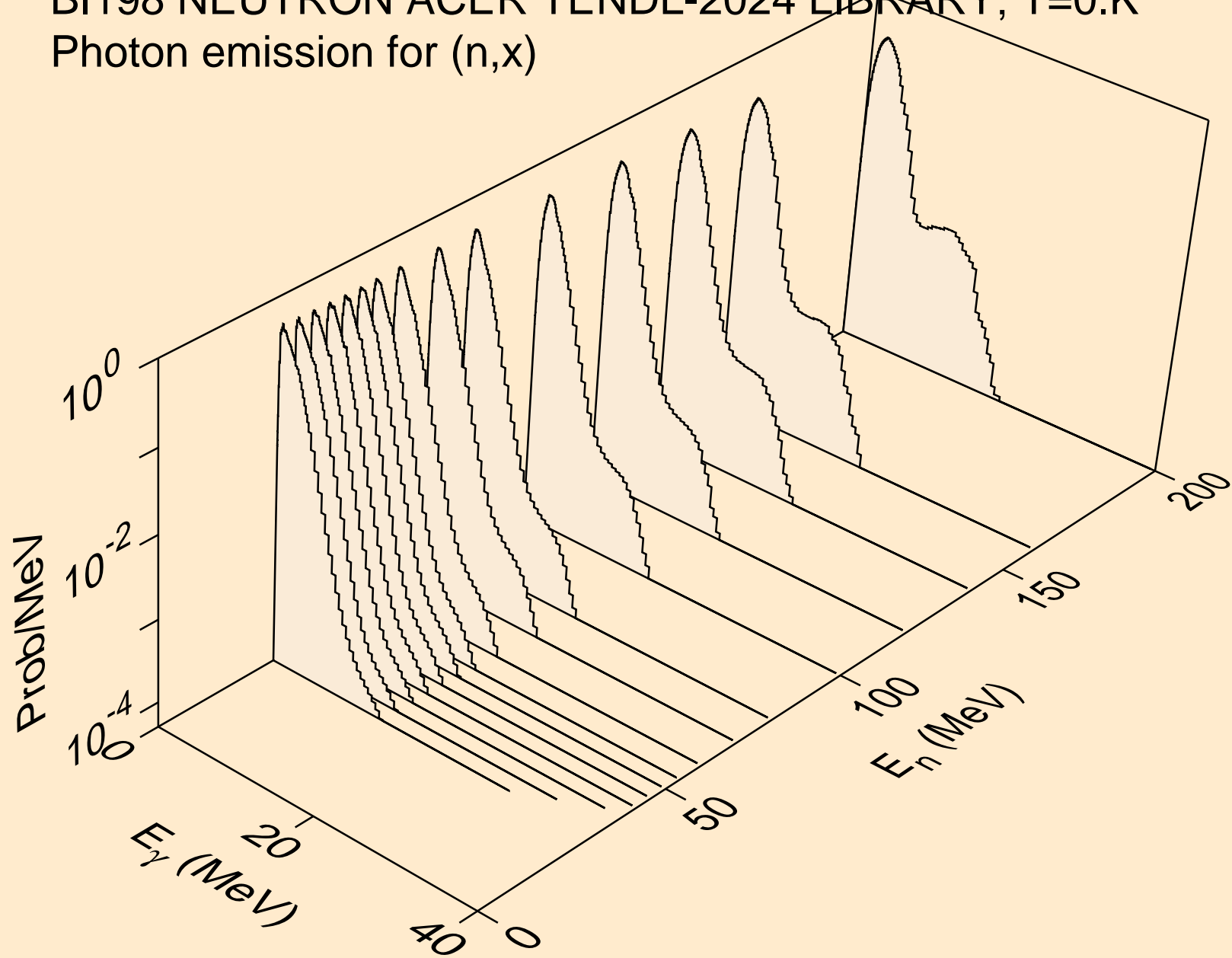
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



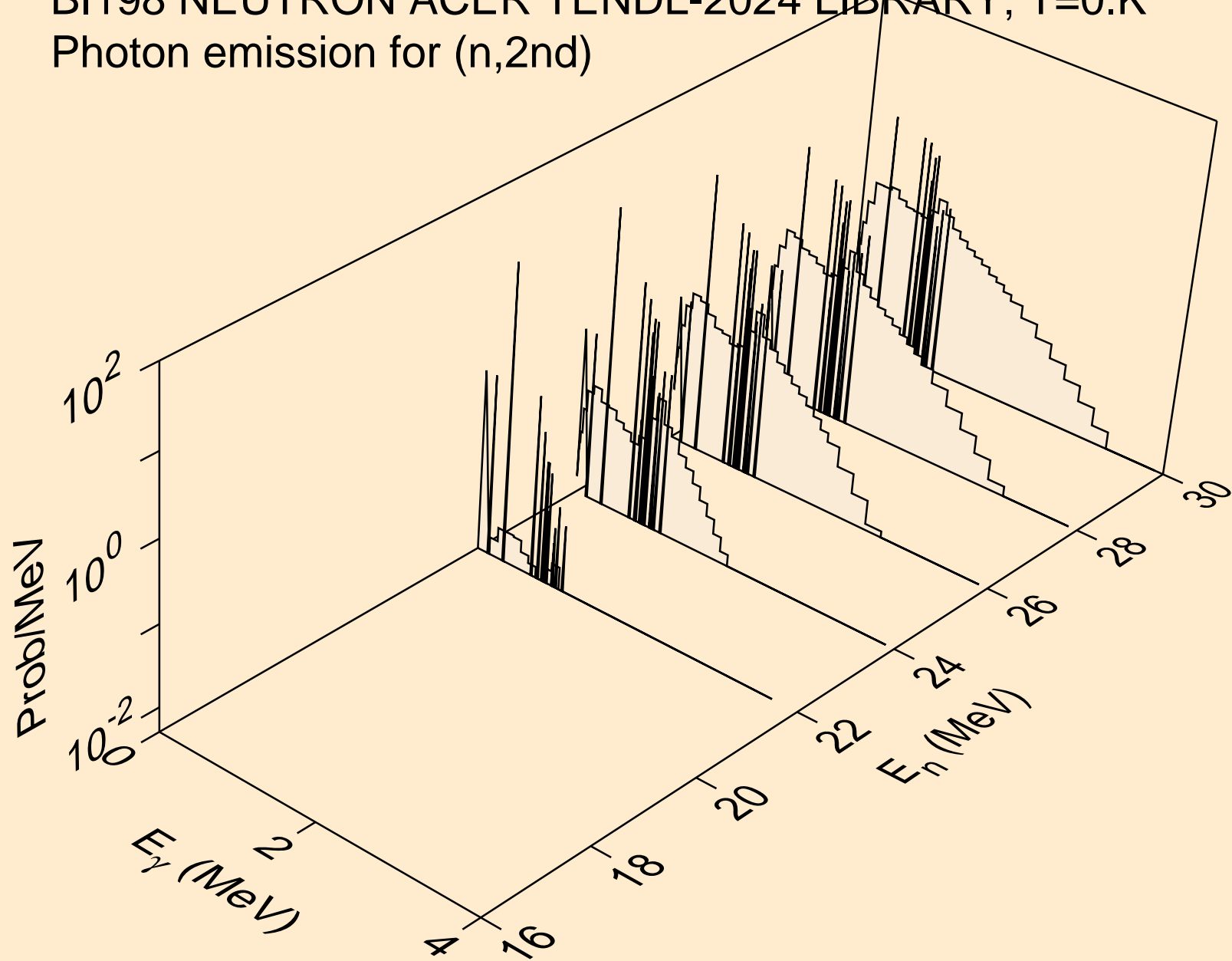
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



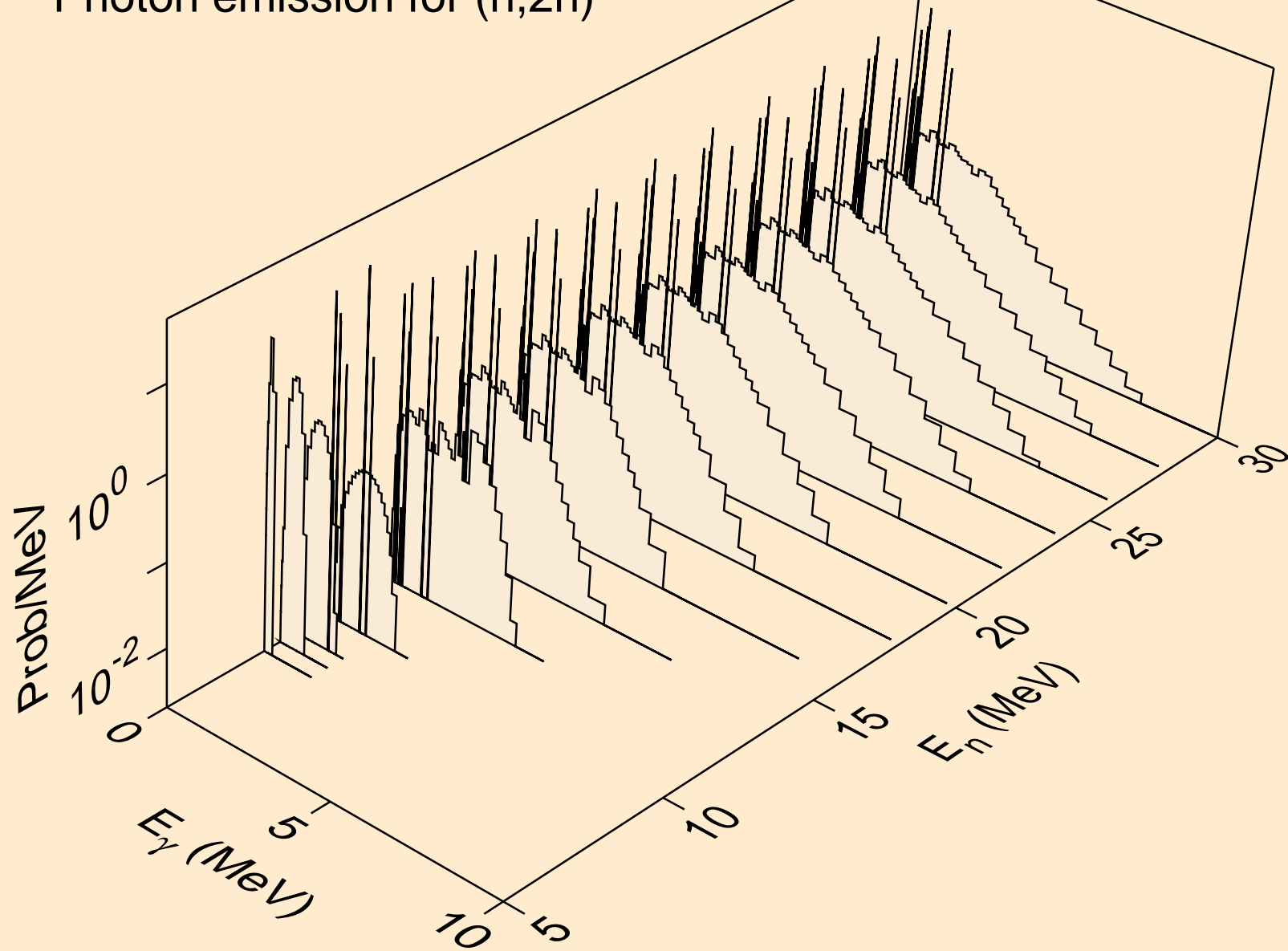
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



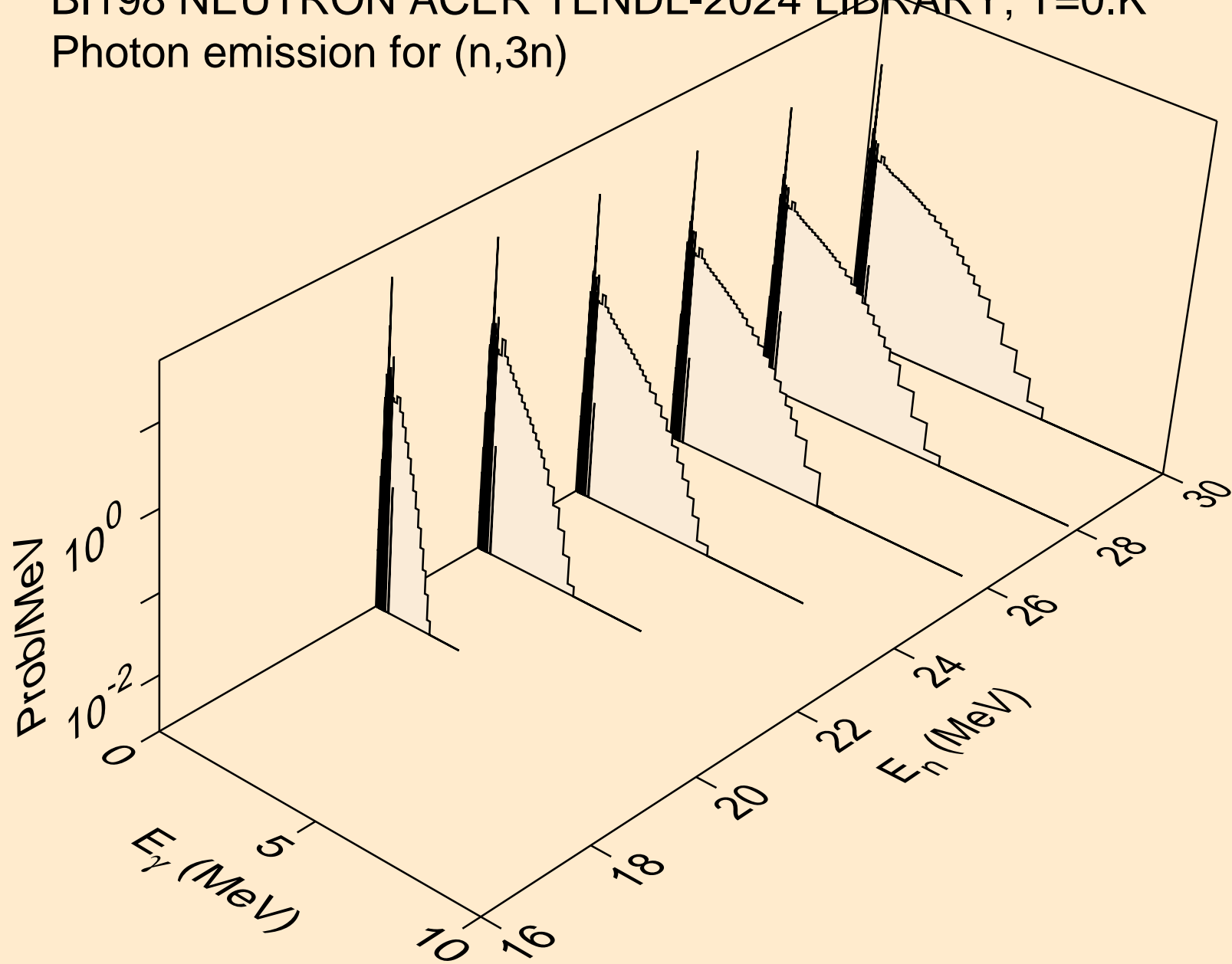
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



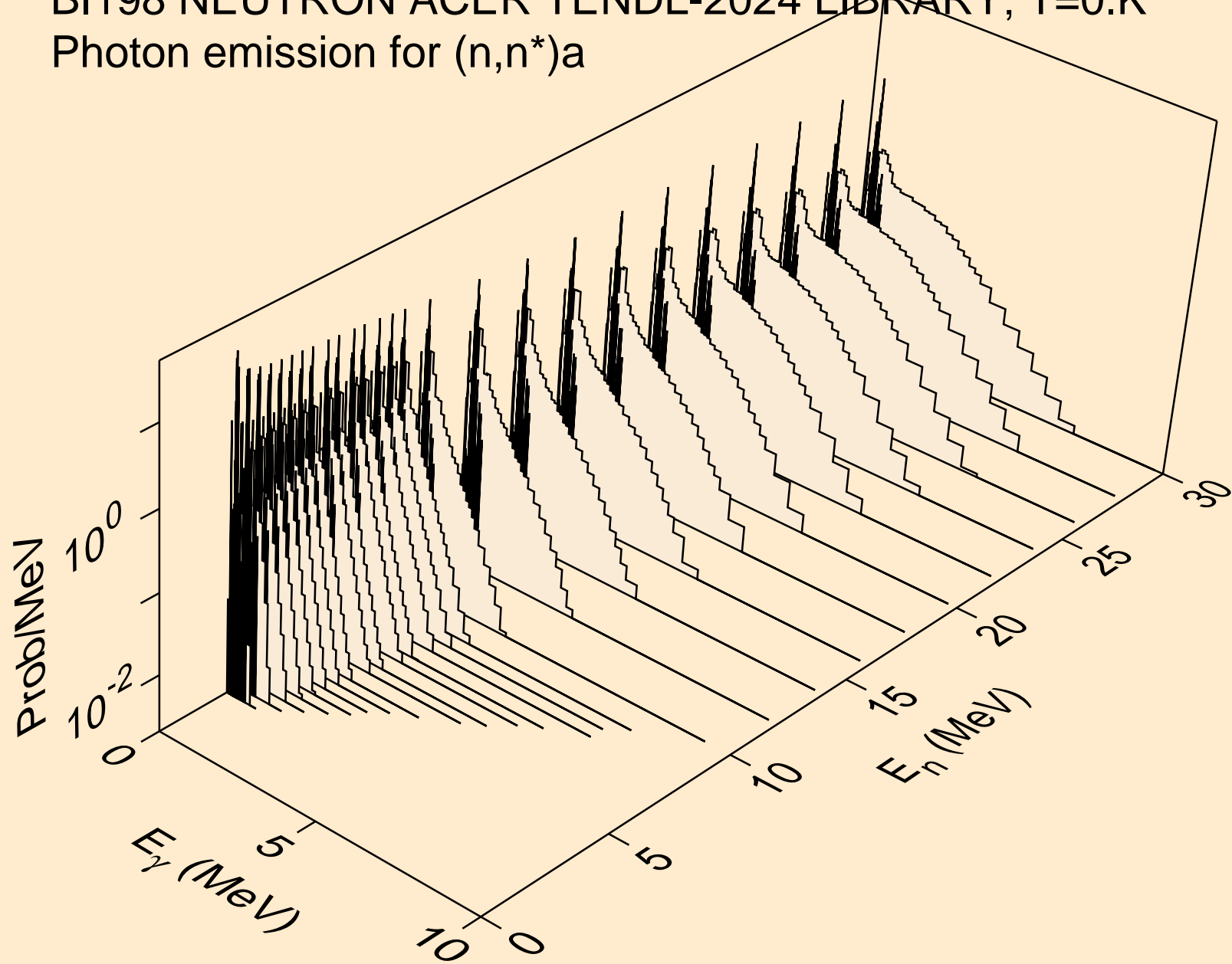
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Photon emission for (n,2n)



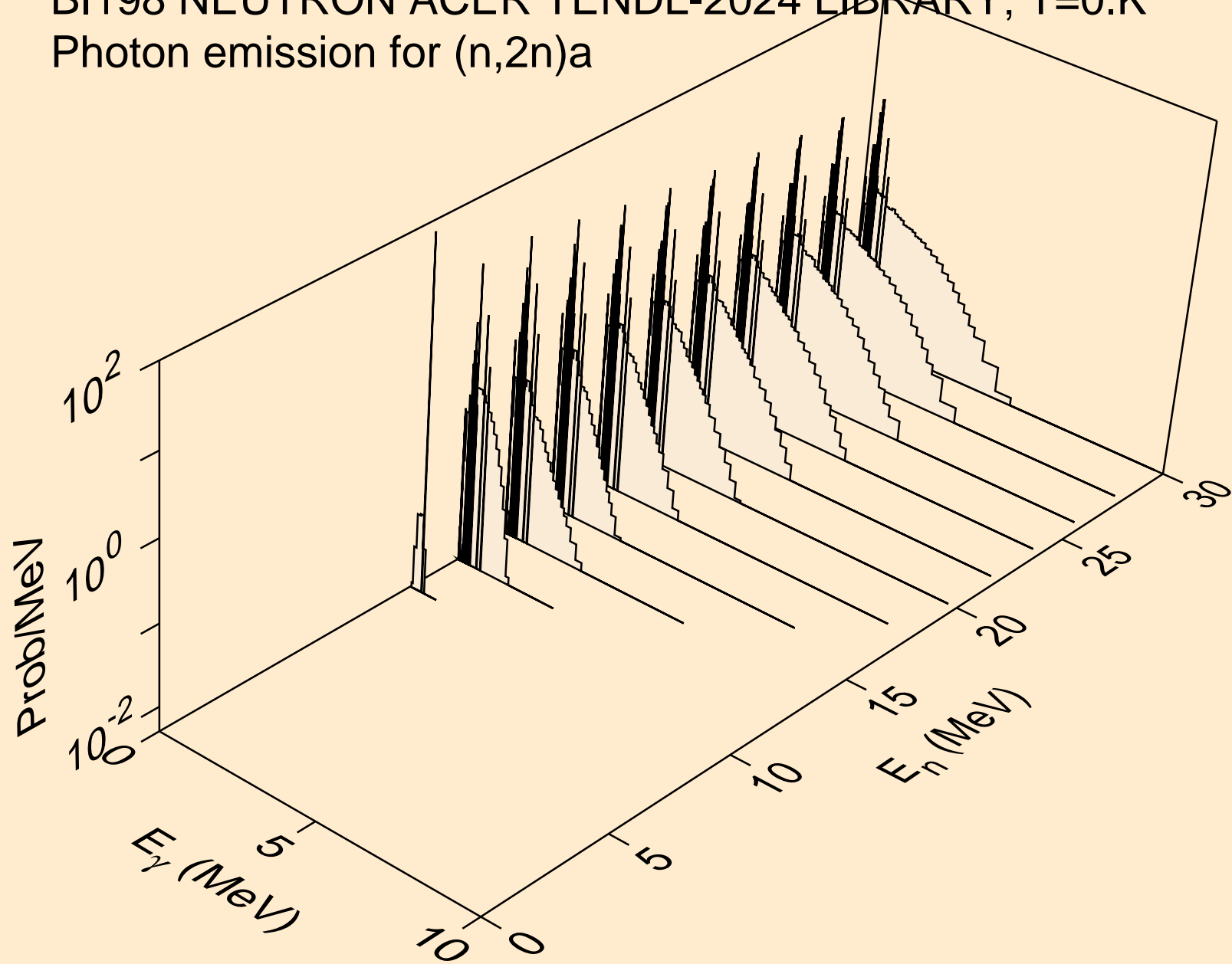
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Photon emission for (n,3n)



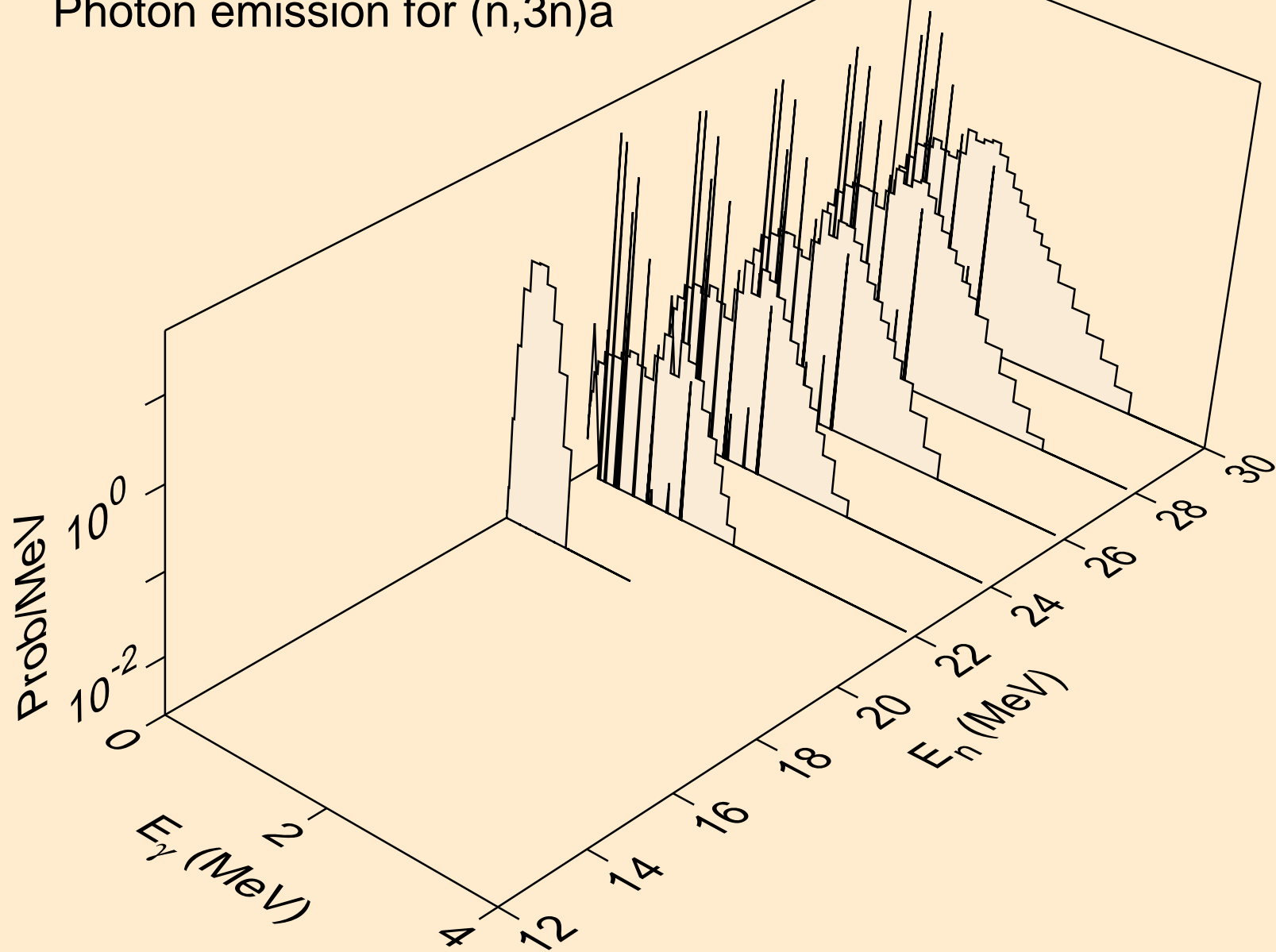
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Photon emission for (n,n*)a



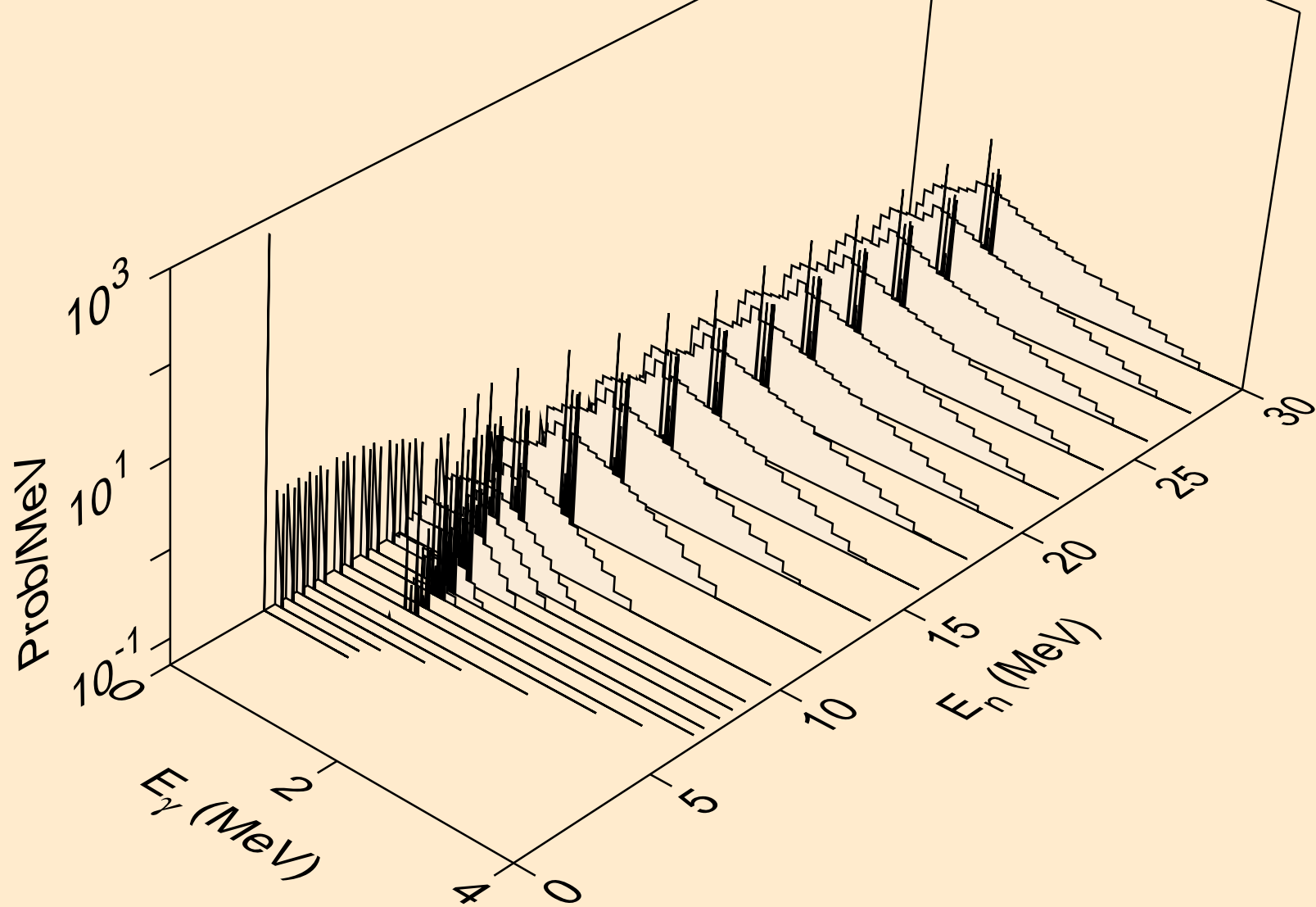
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



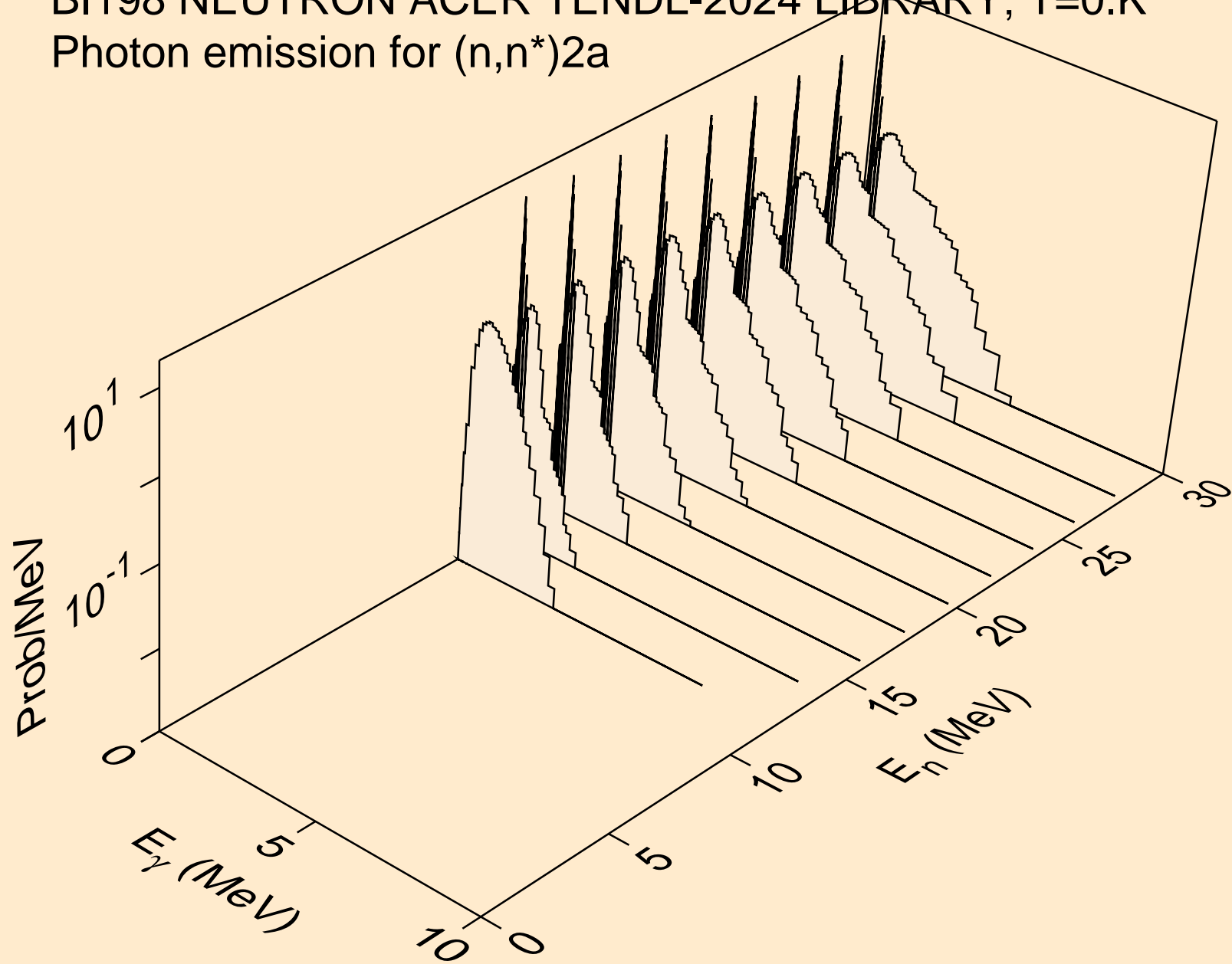
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



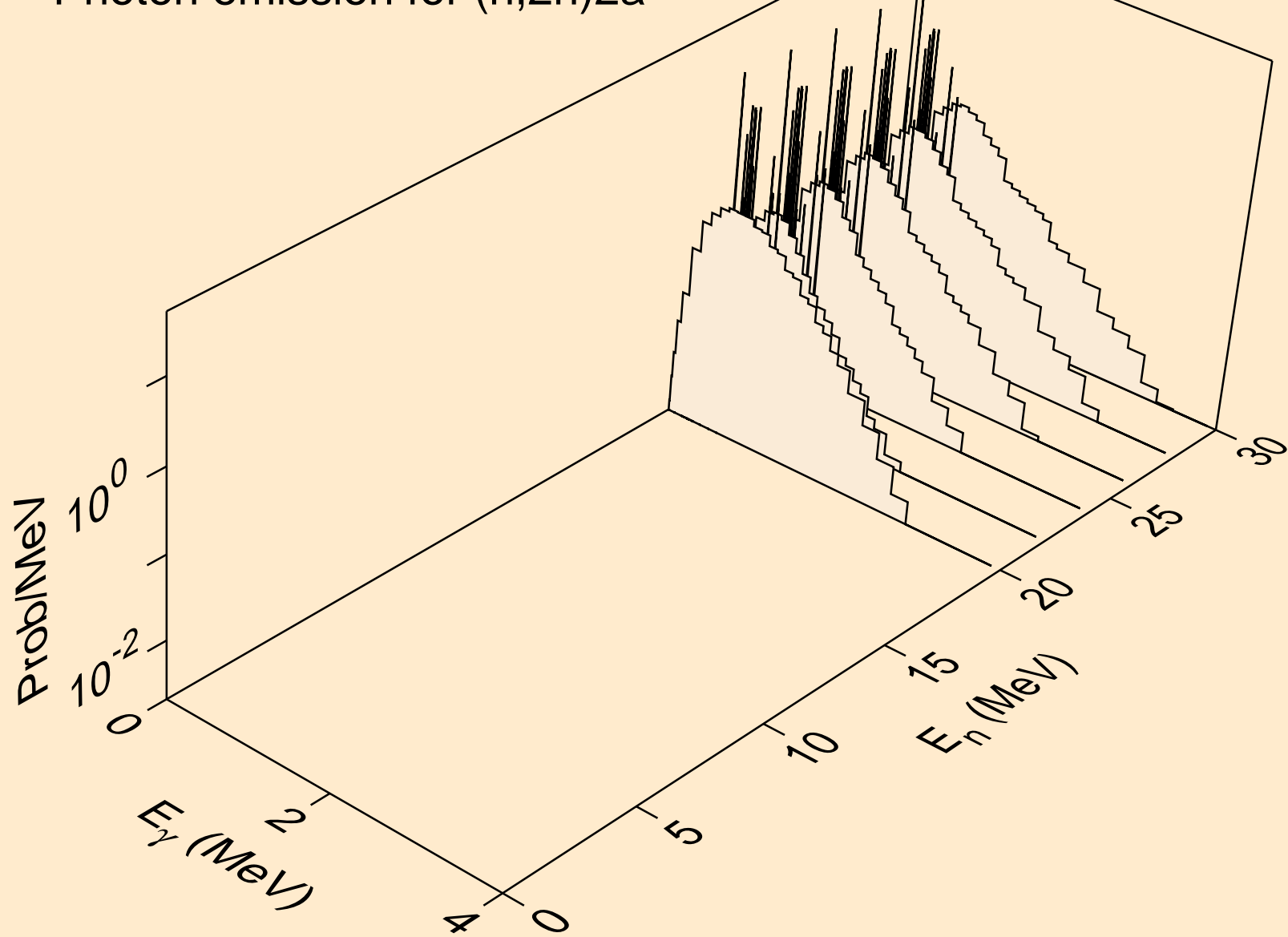
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



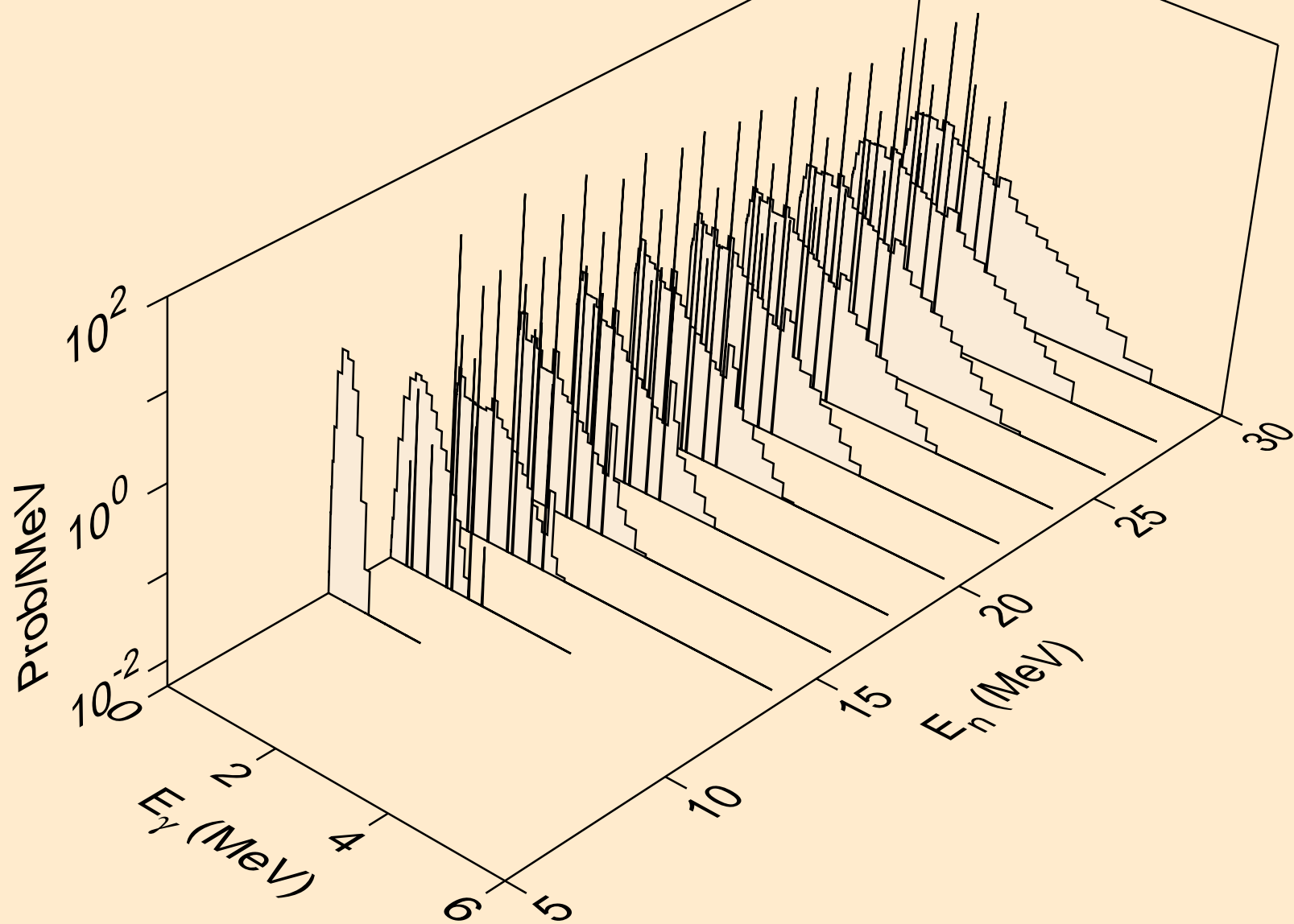
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



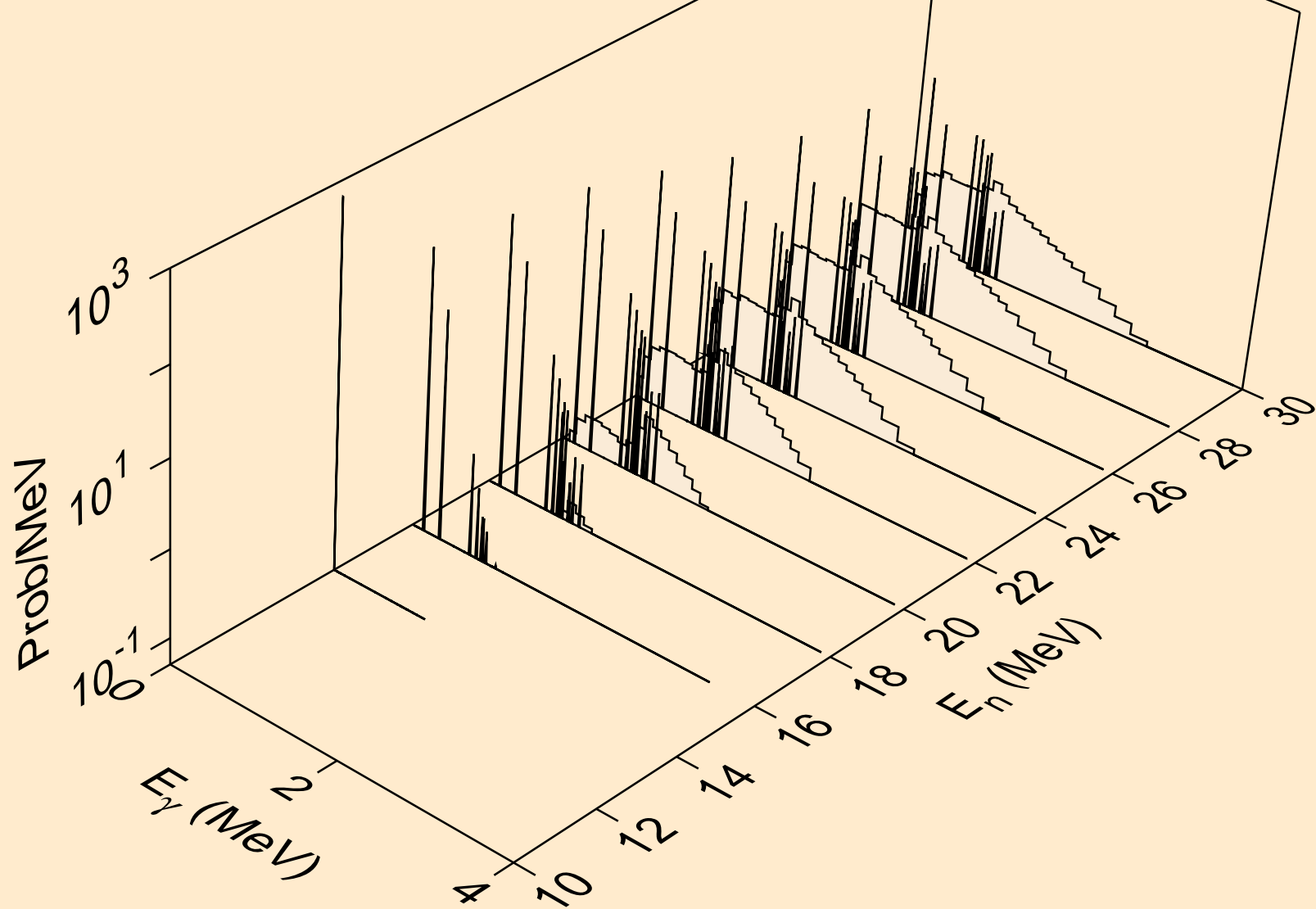
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



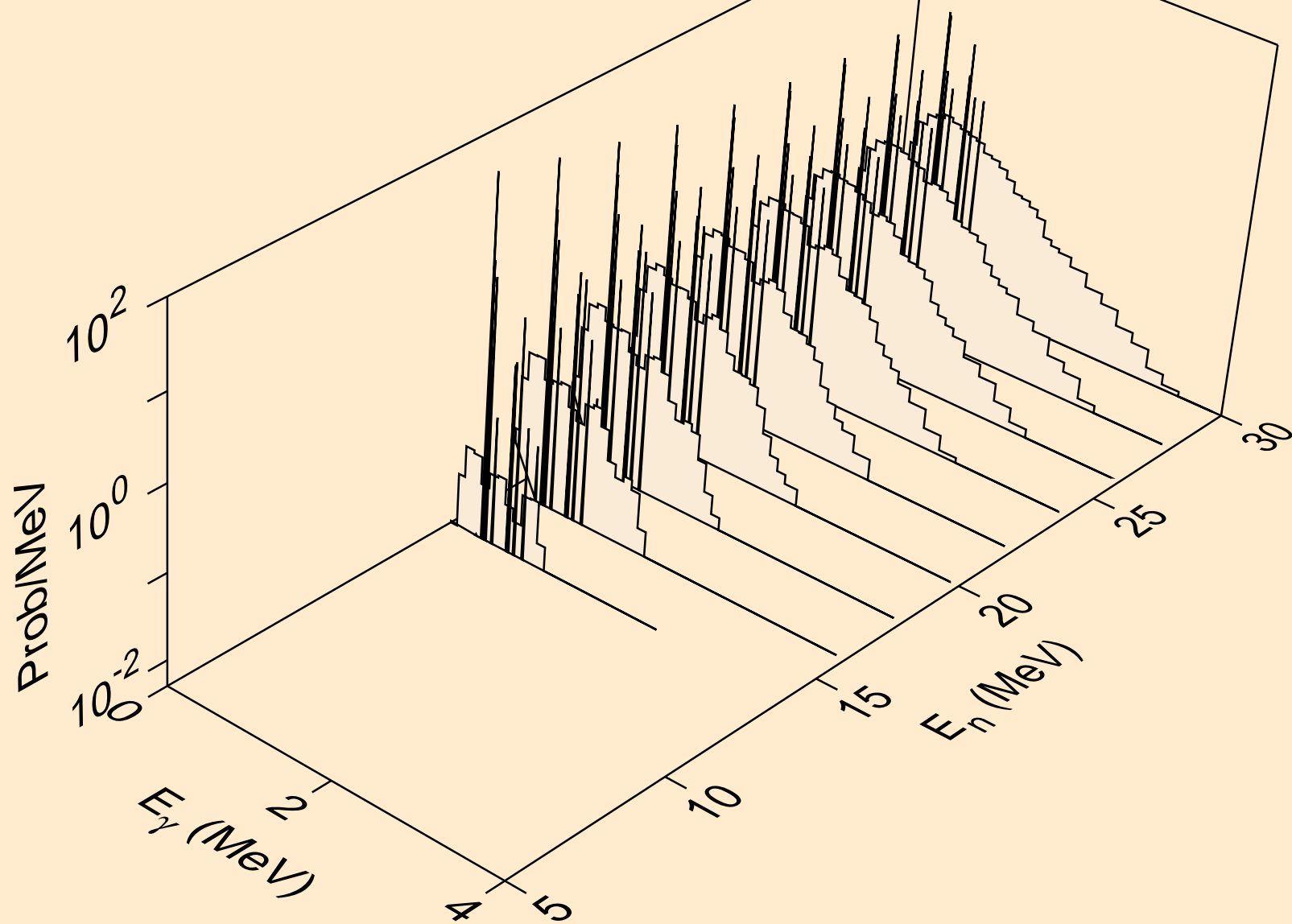
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



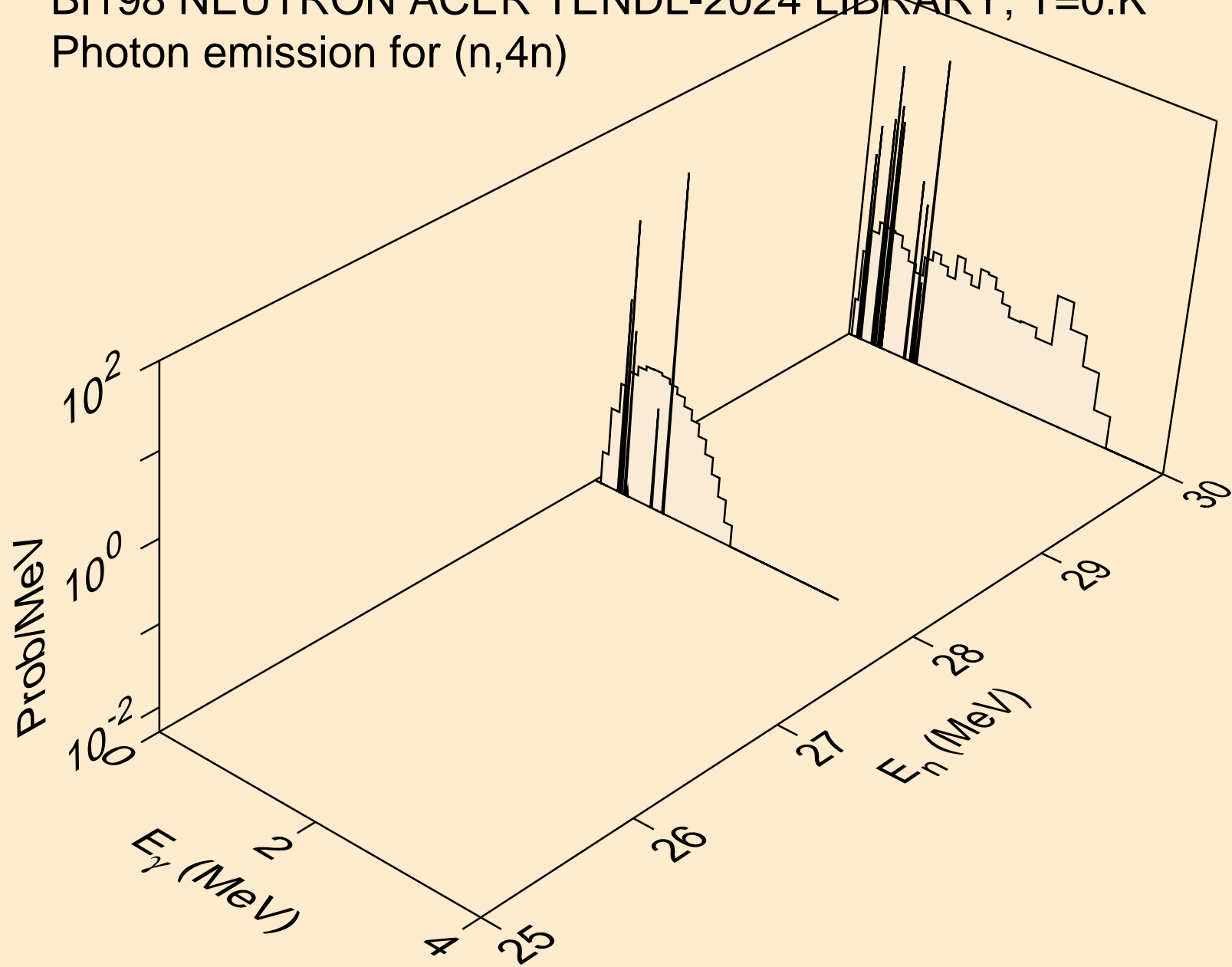
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



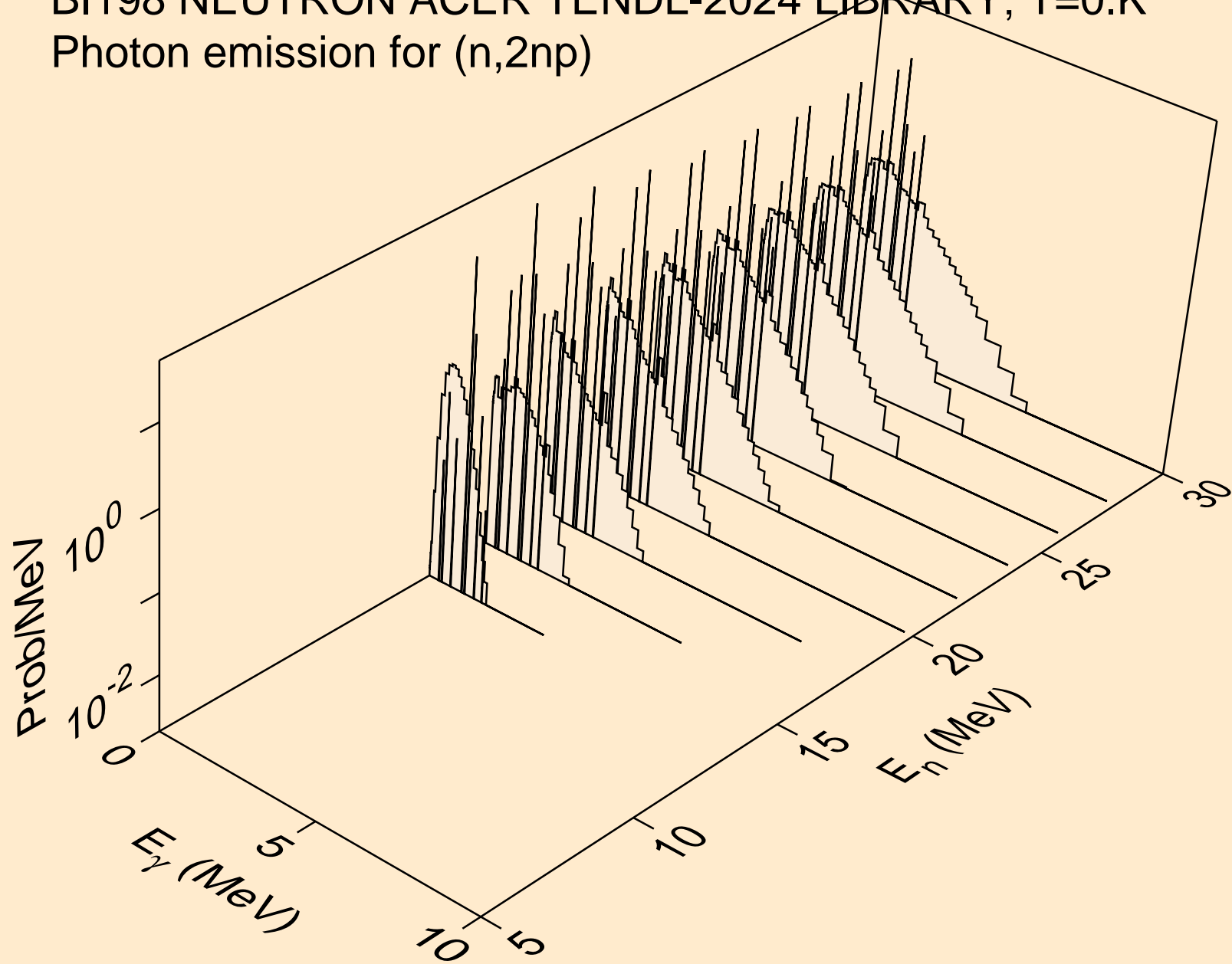
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



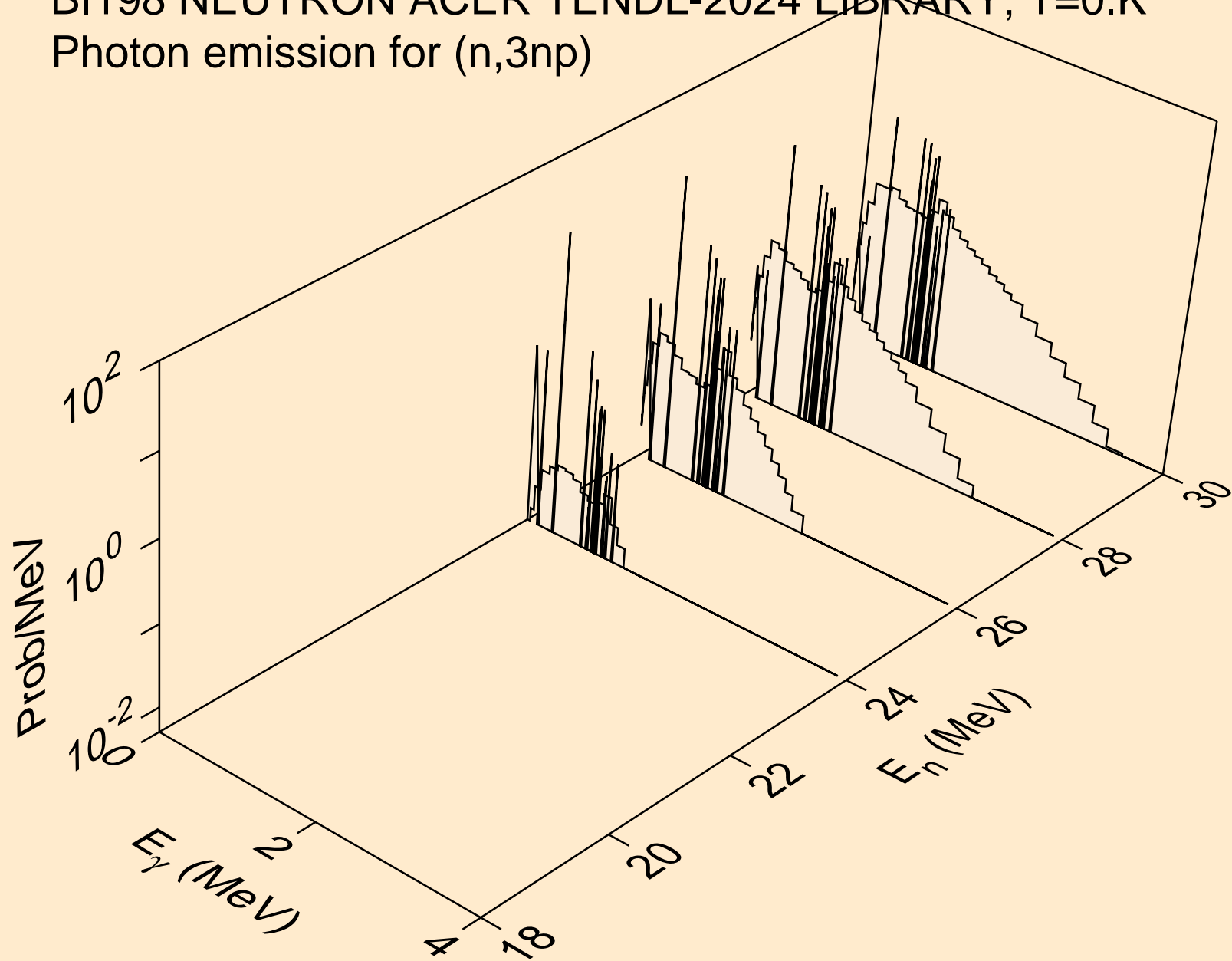
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



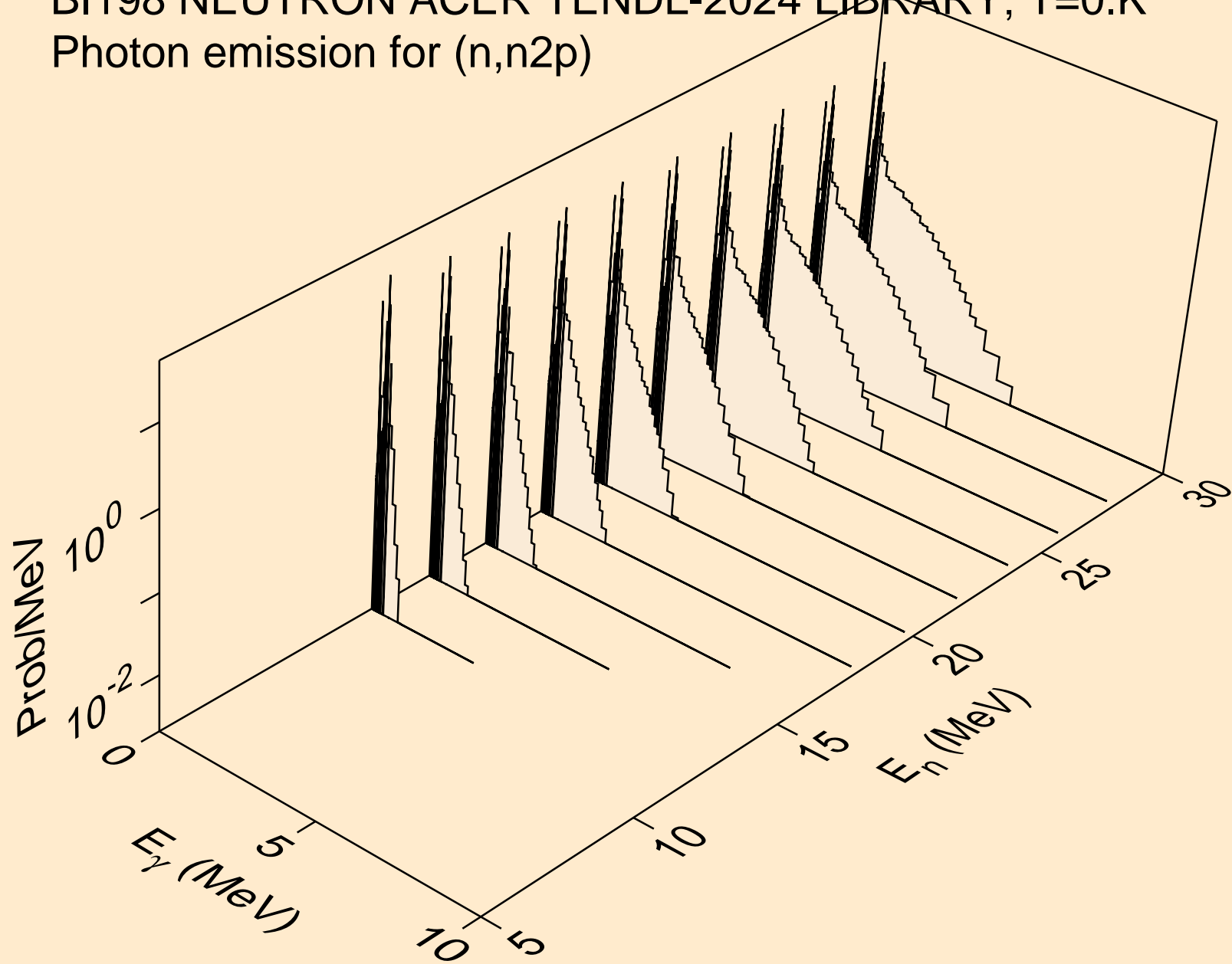
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Photon emission for (n,2np)



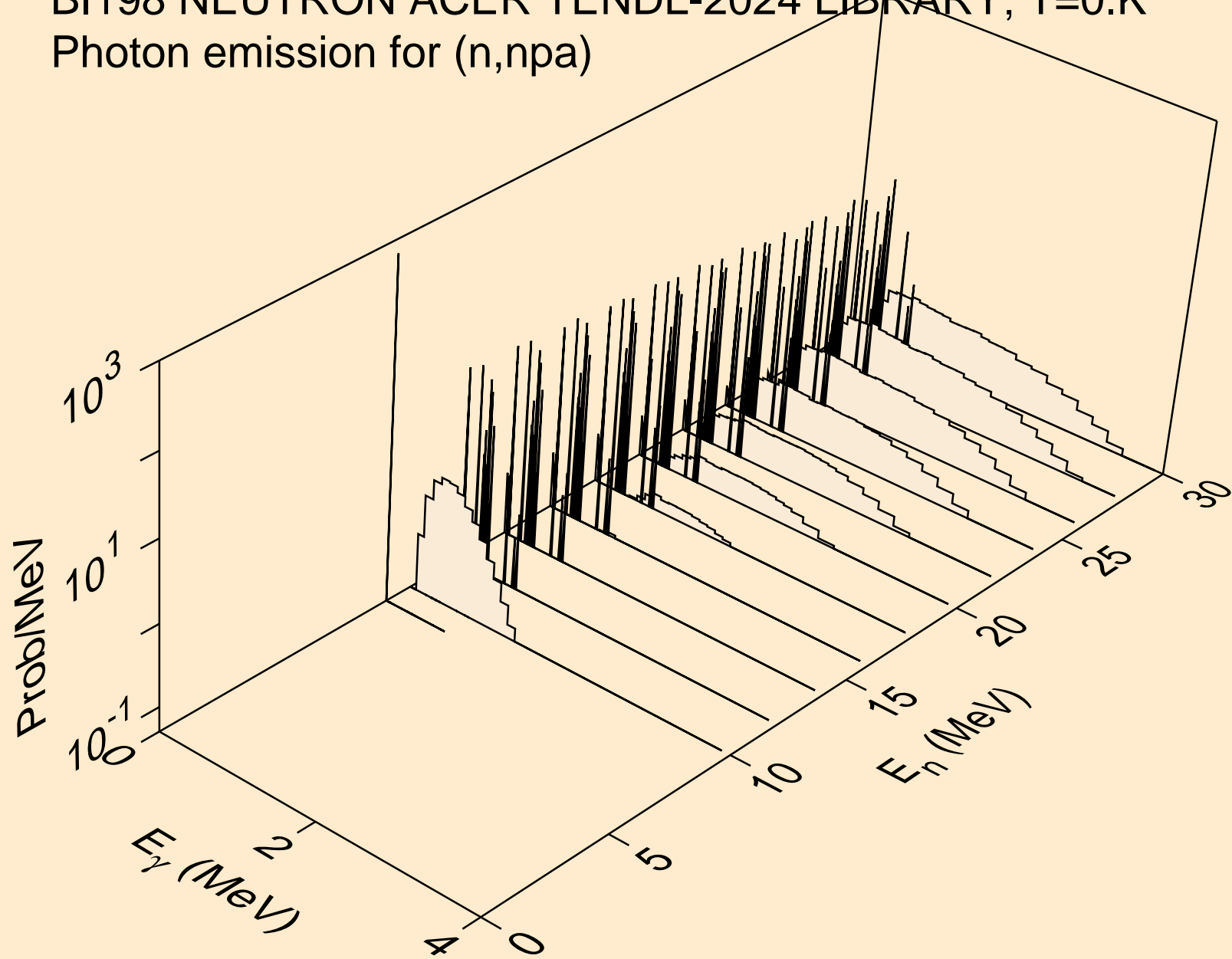
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Photon emission for (n,3np)



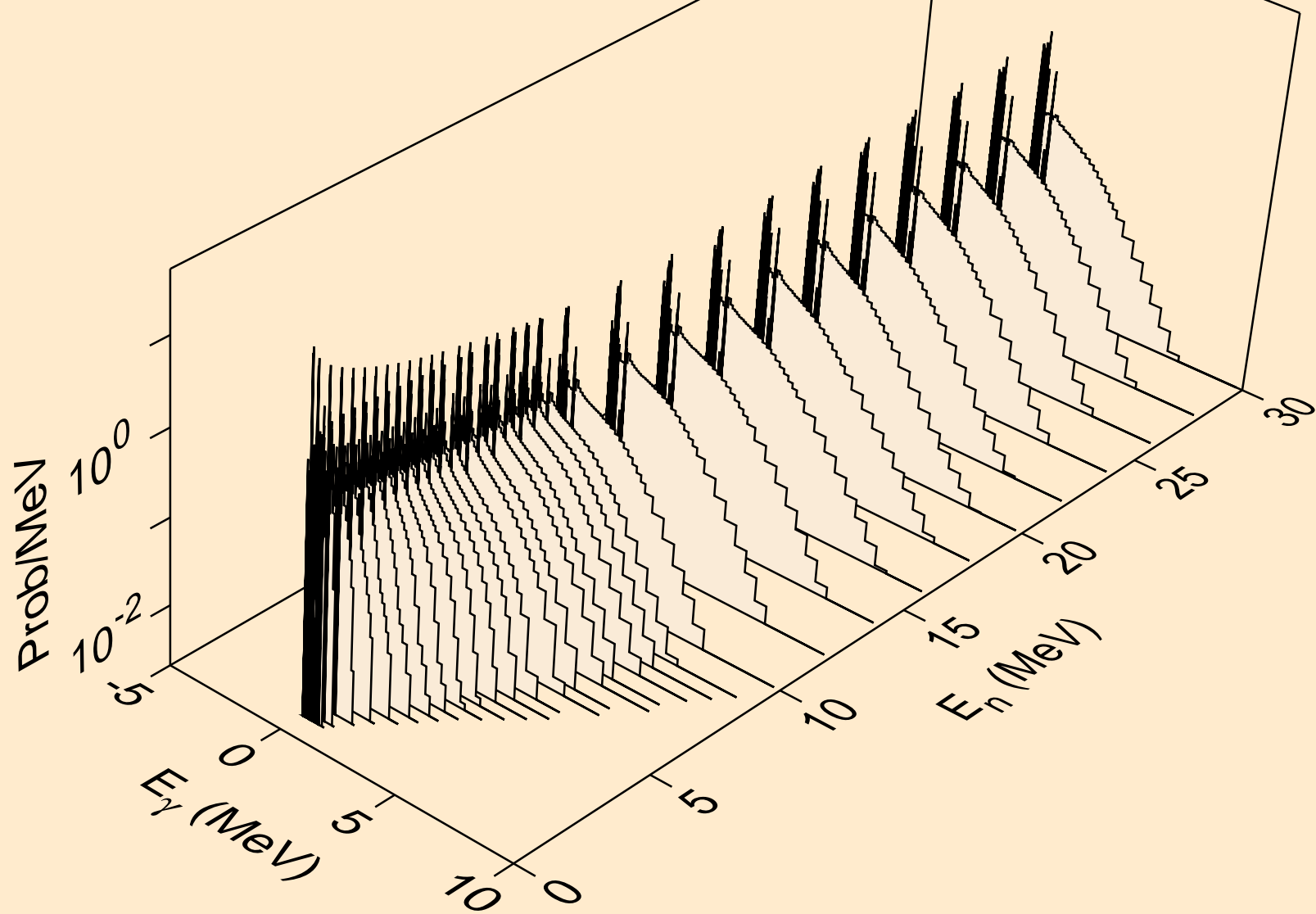
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Photon emission for (n,n2p)



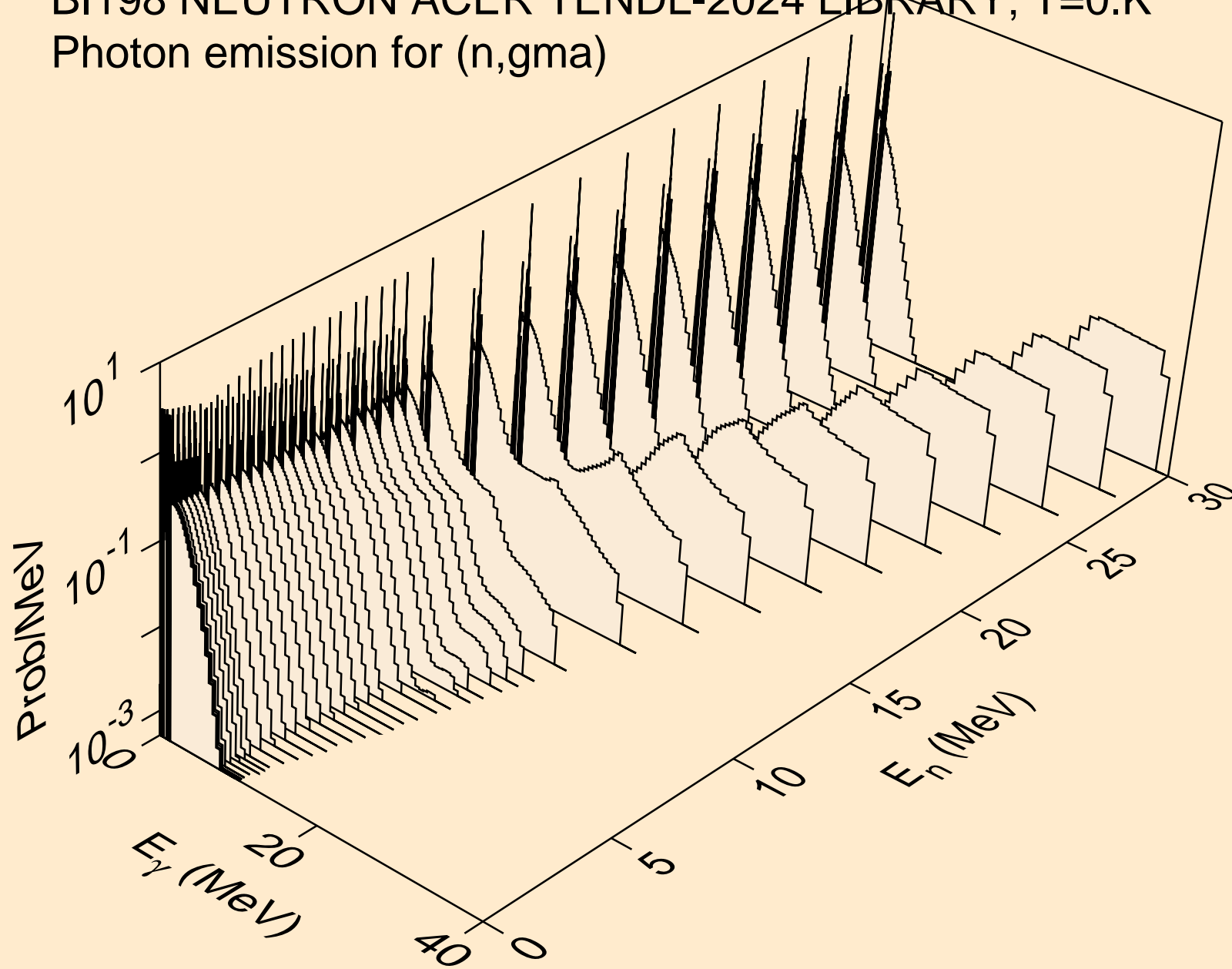
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Photon emission for (n,npa)



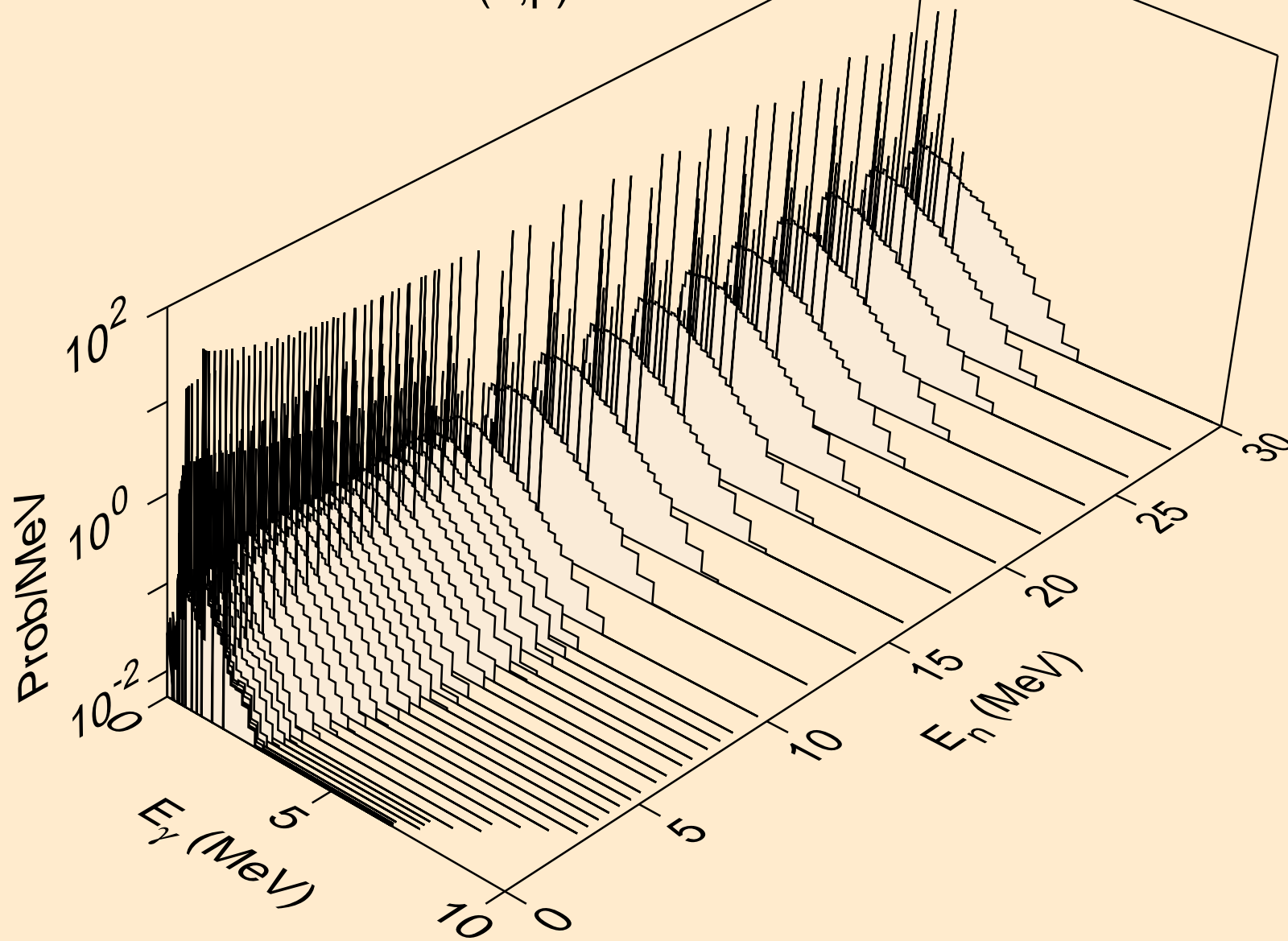
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Photon emission for (n,n*c)



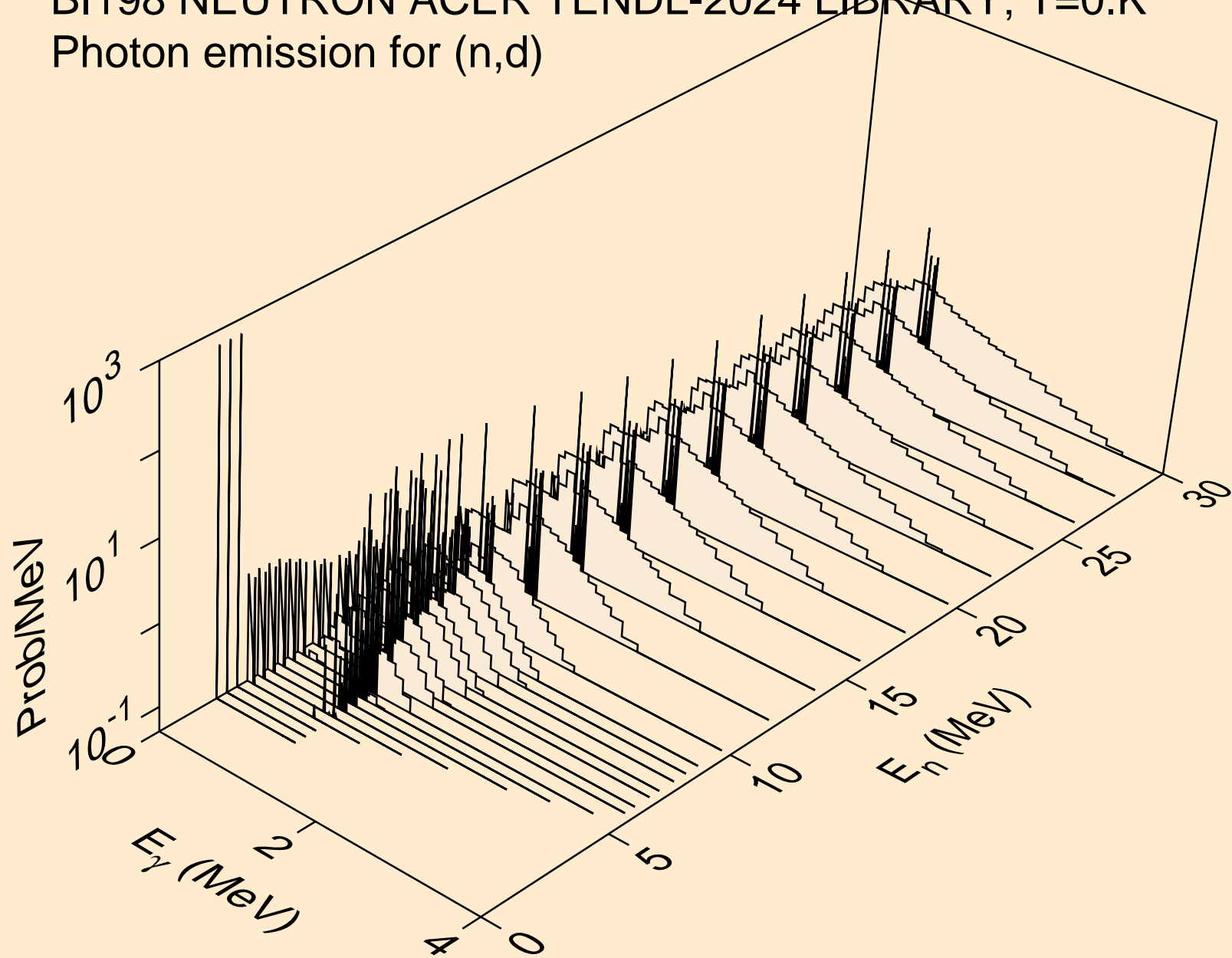
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Photon emission for (n,gma)



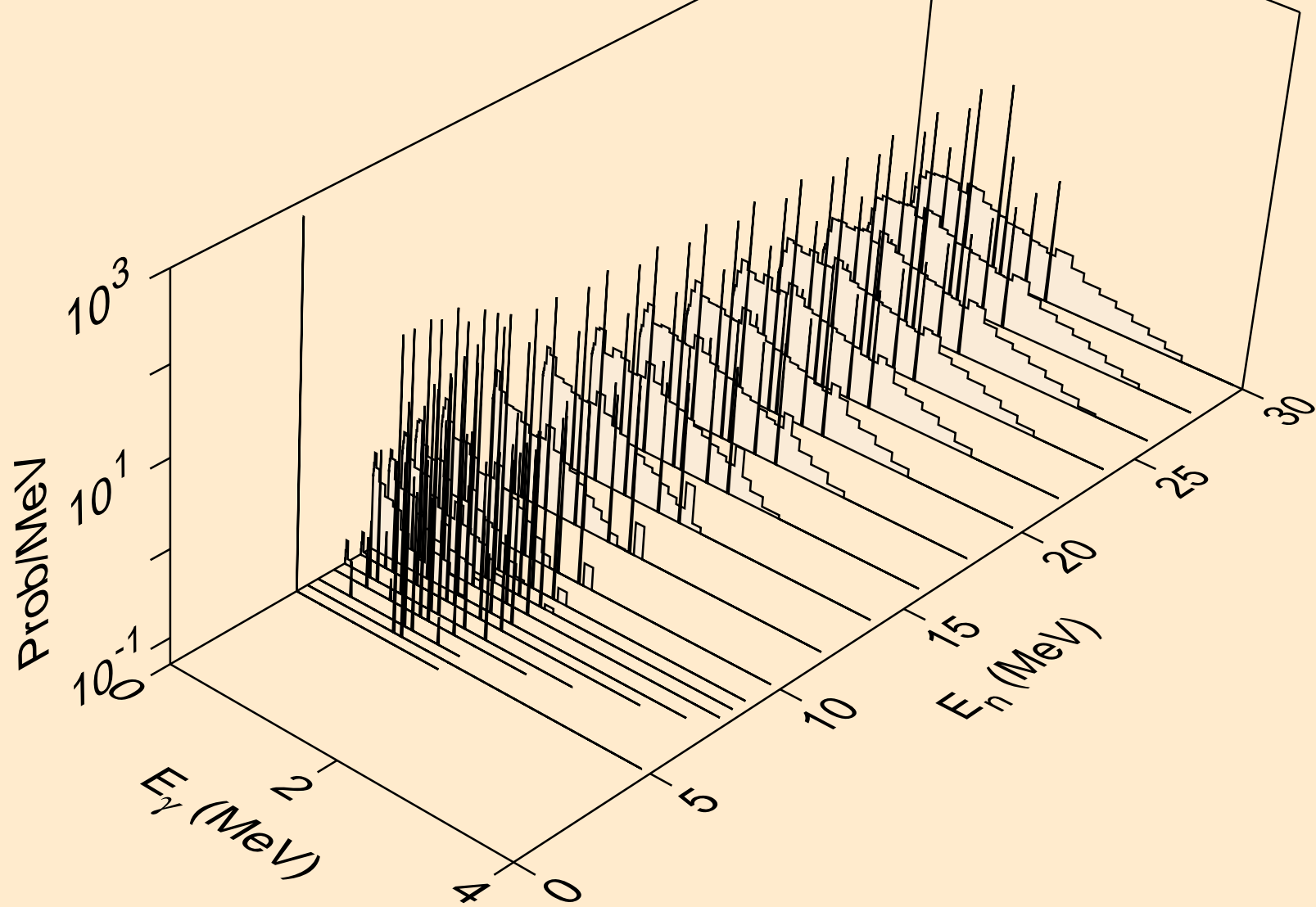
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Photon emission for (n,p)



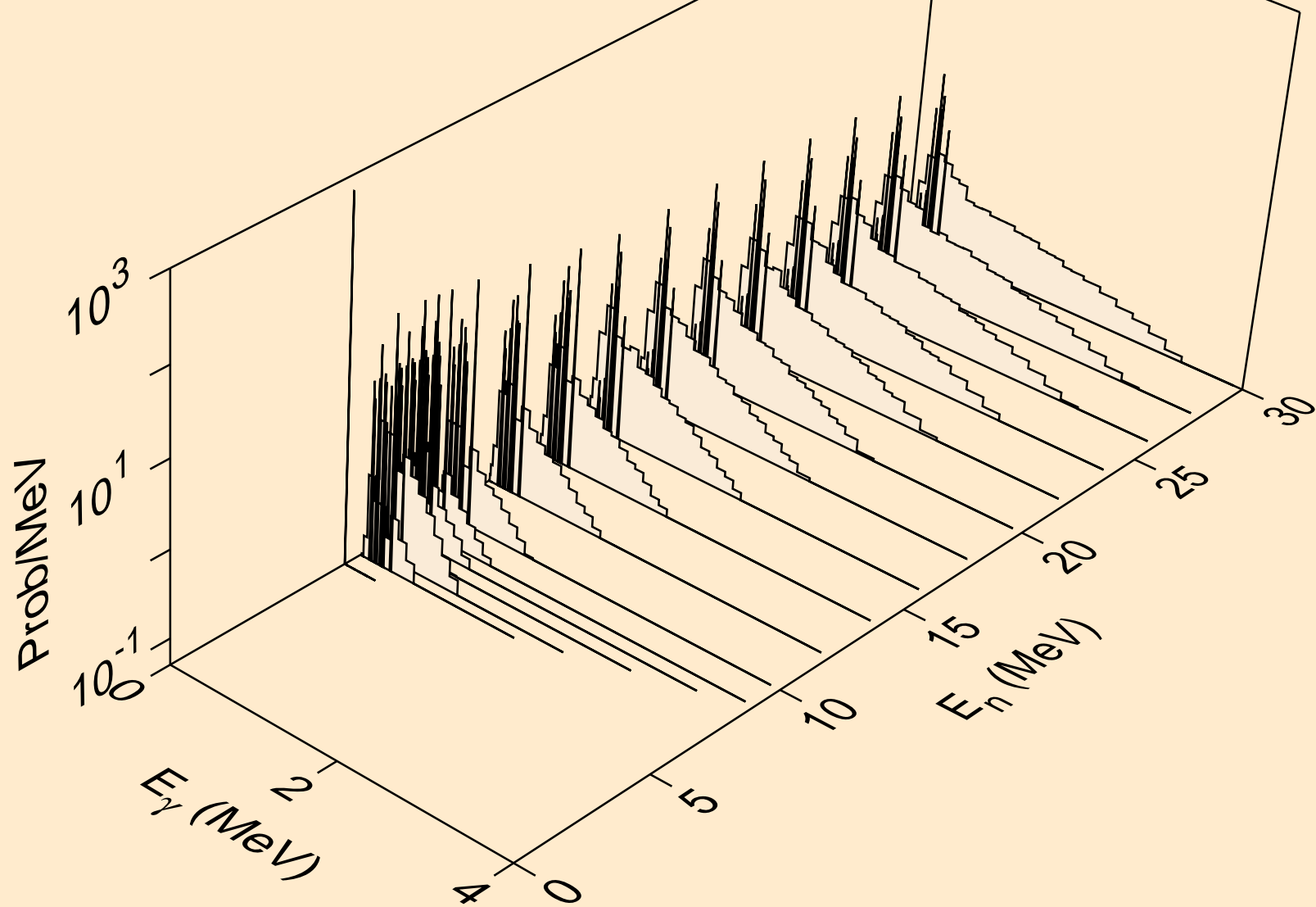
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



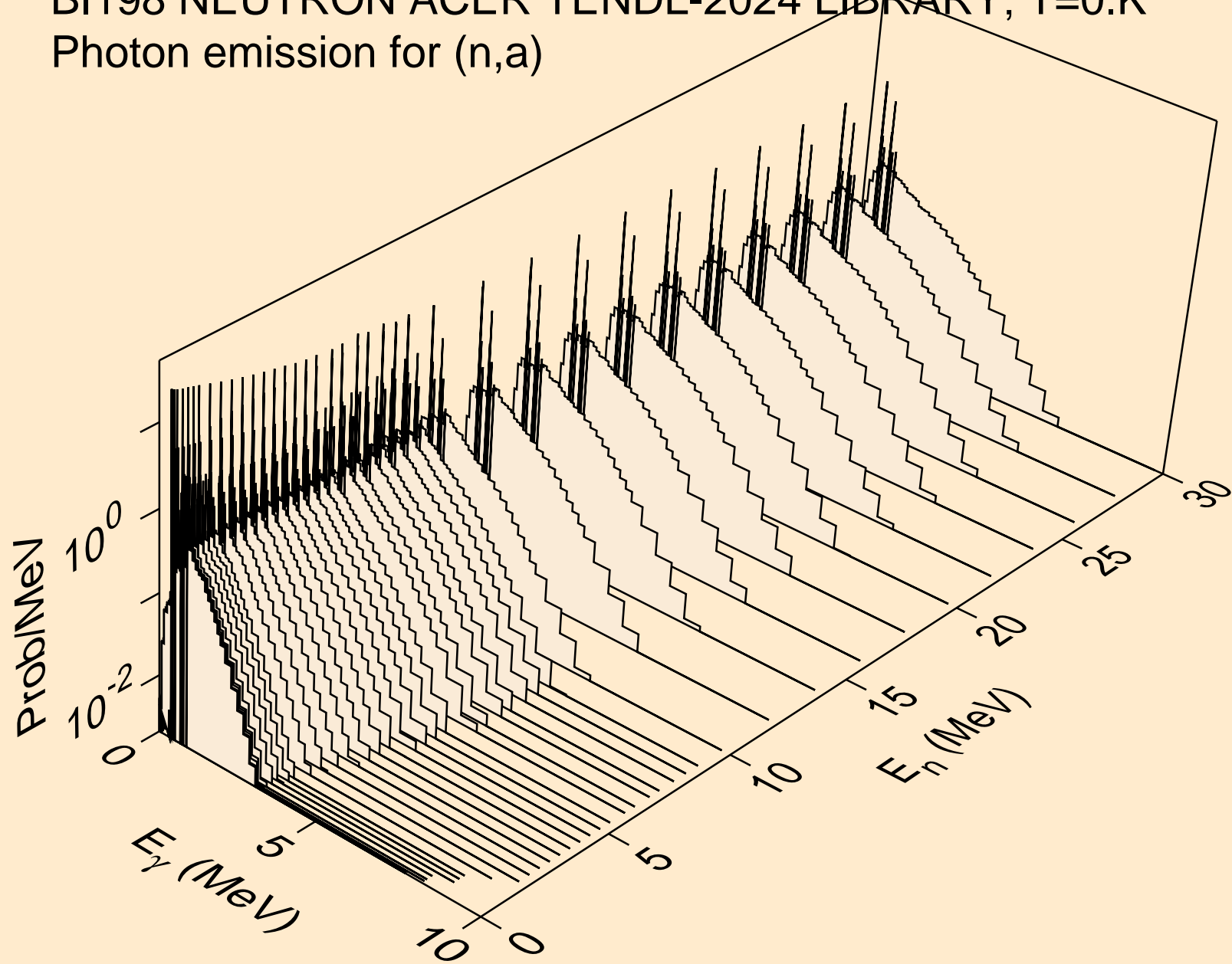
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



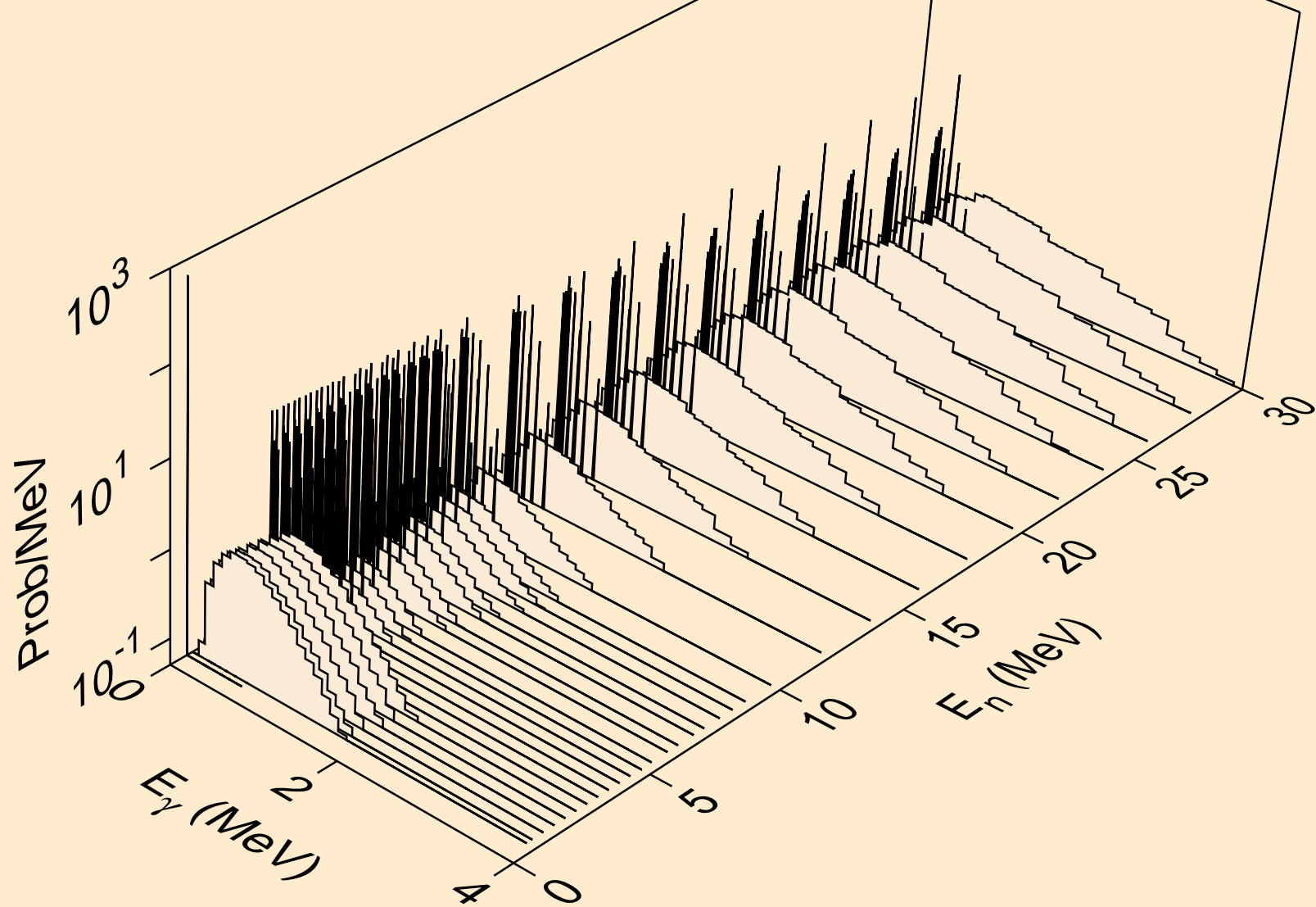
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



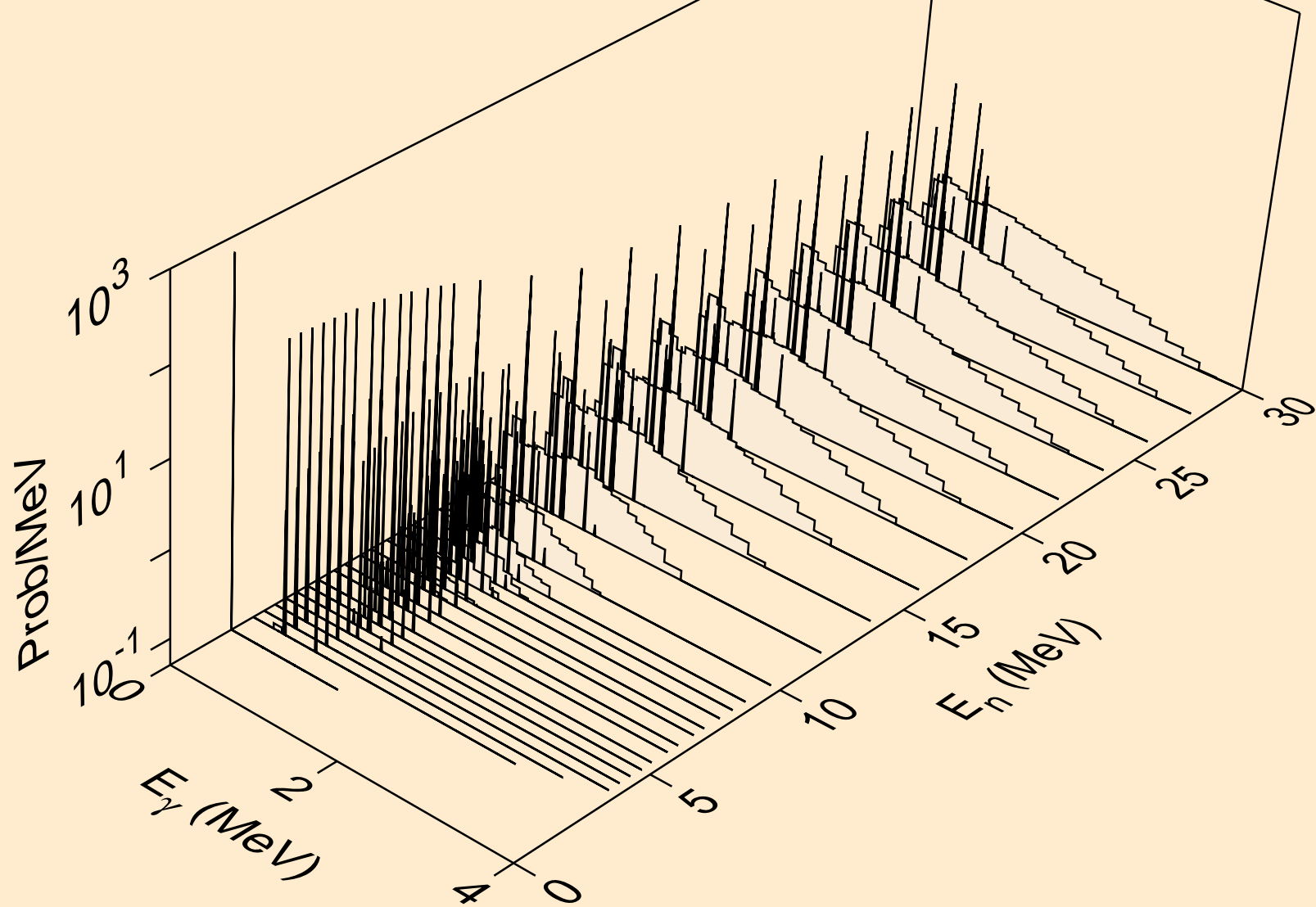
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



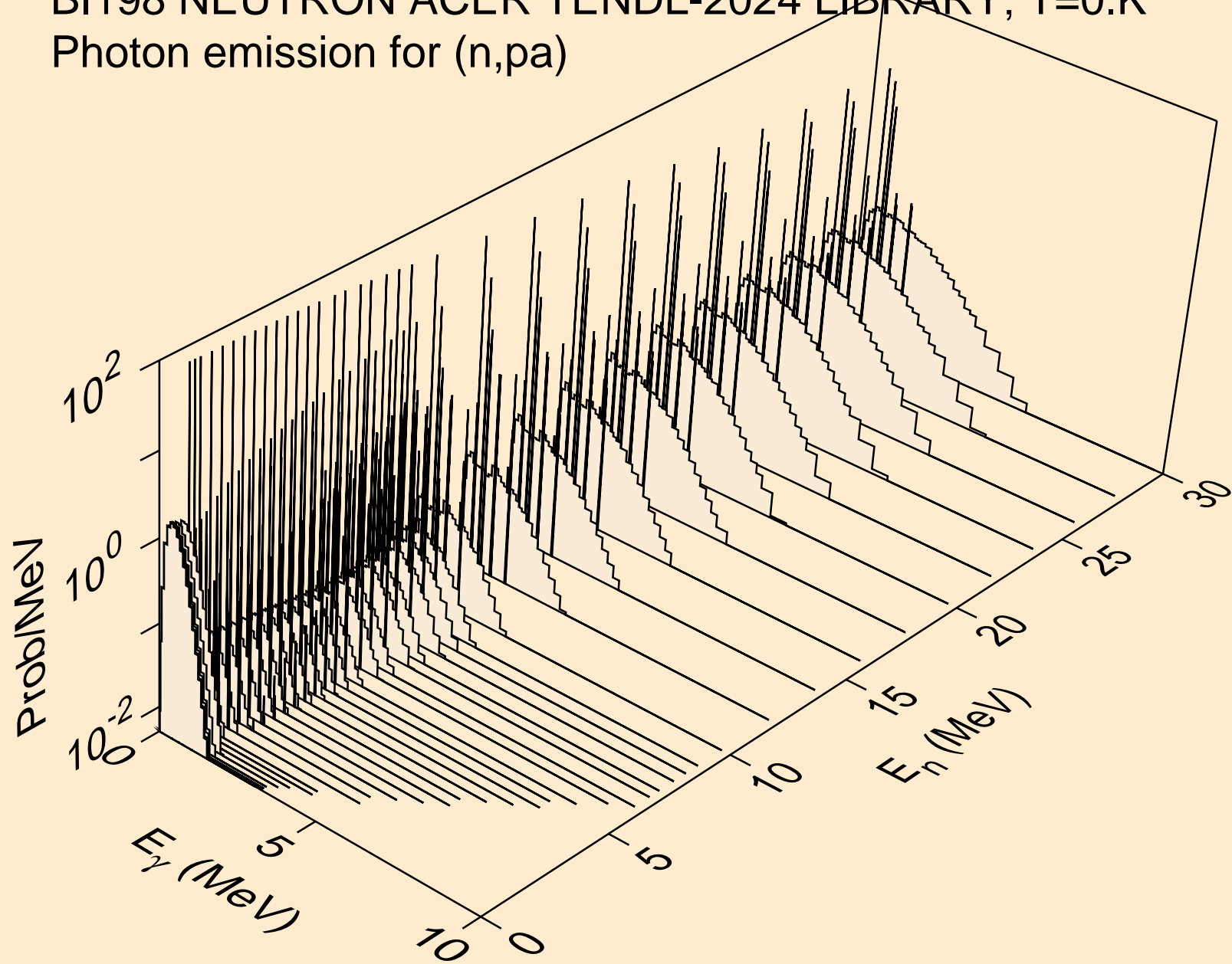
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Photon emission for (n,2a)



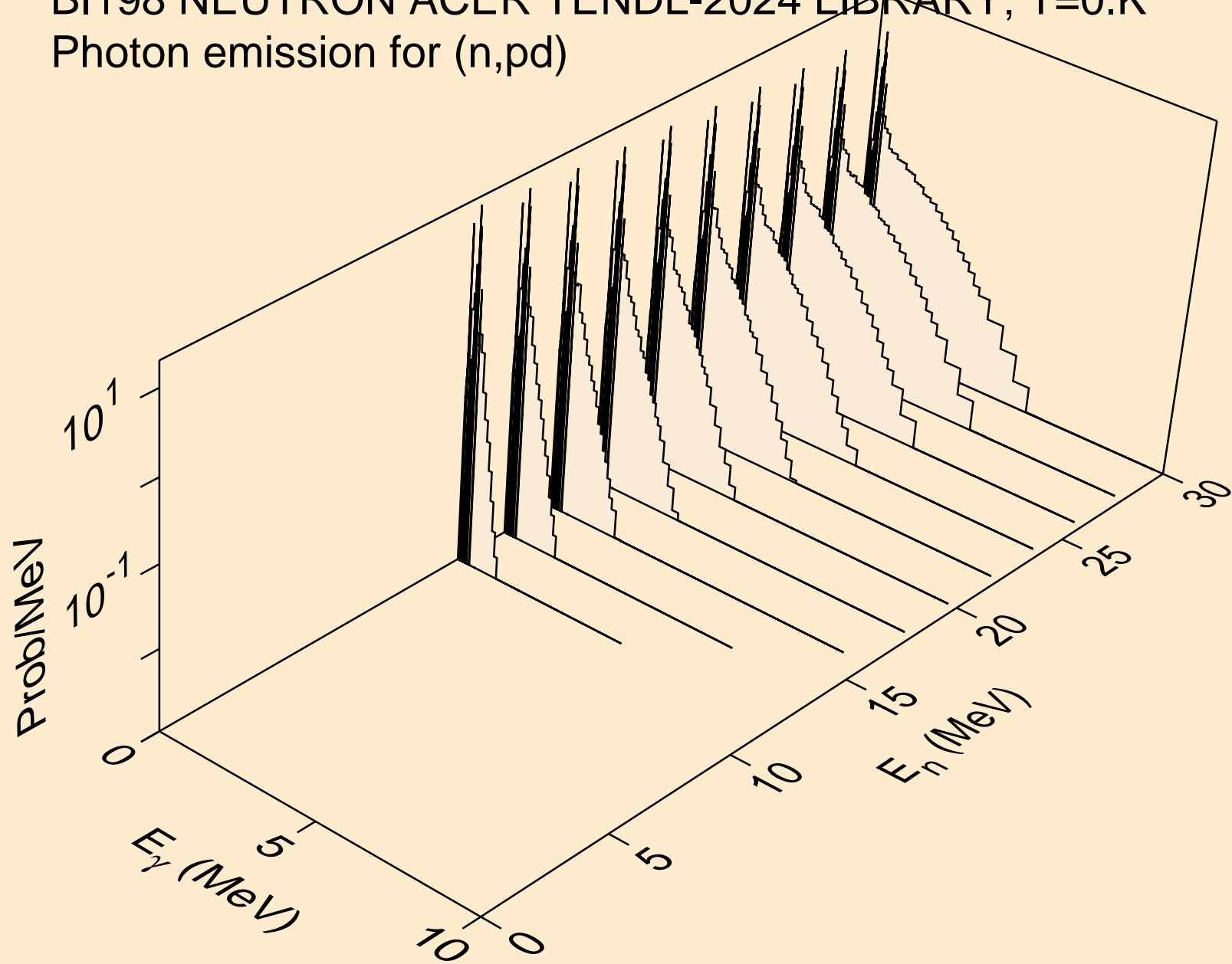
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Photon emission for (n,2p)



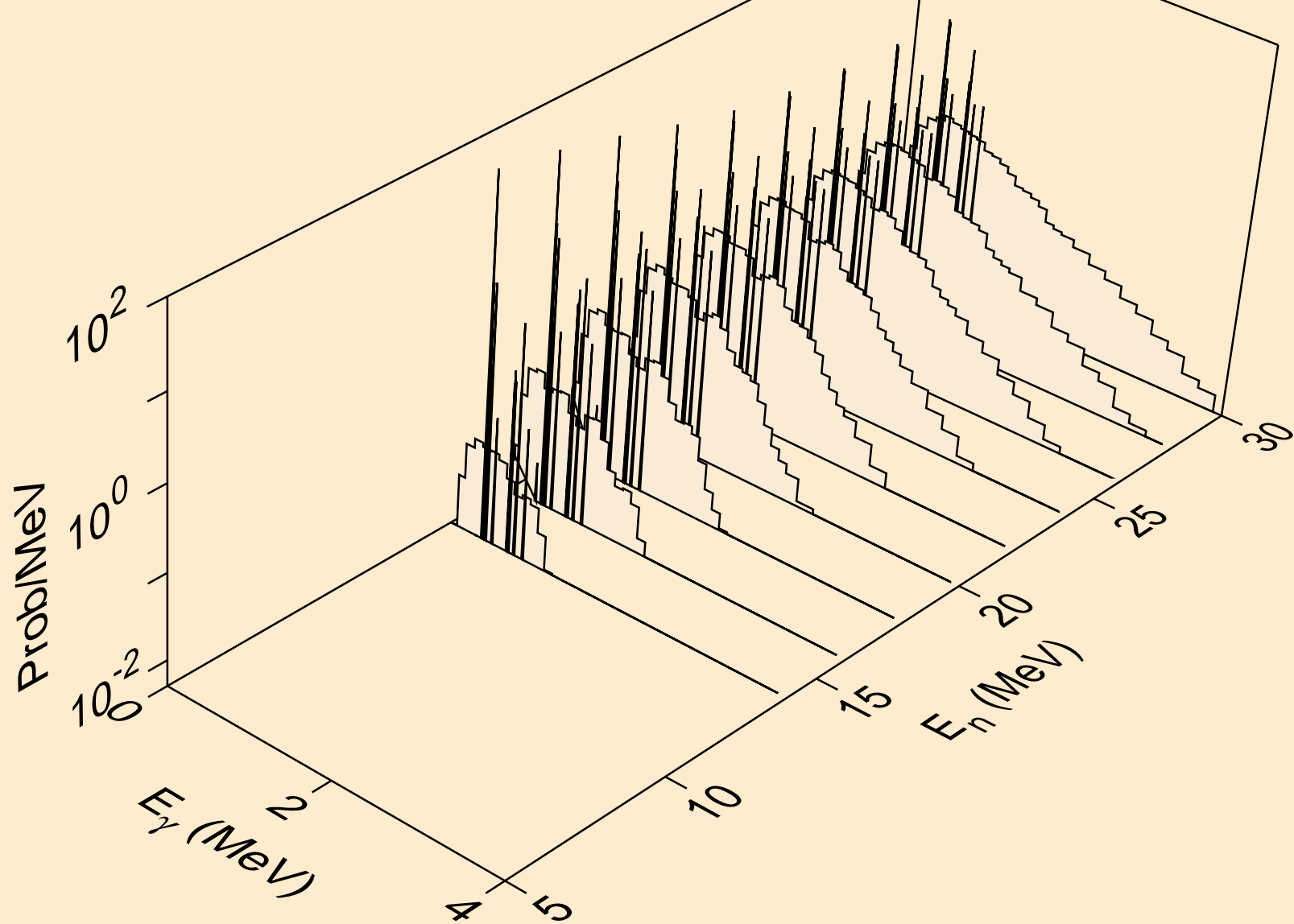
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Photon emission for (n,p)



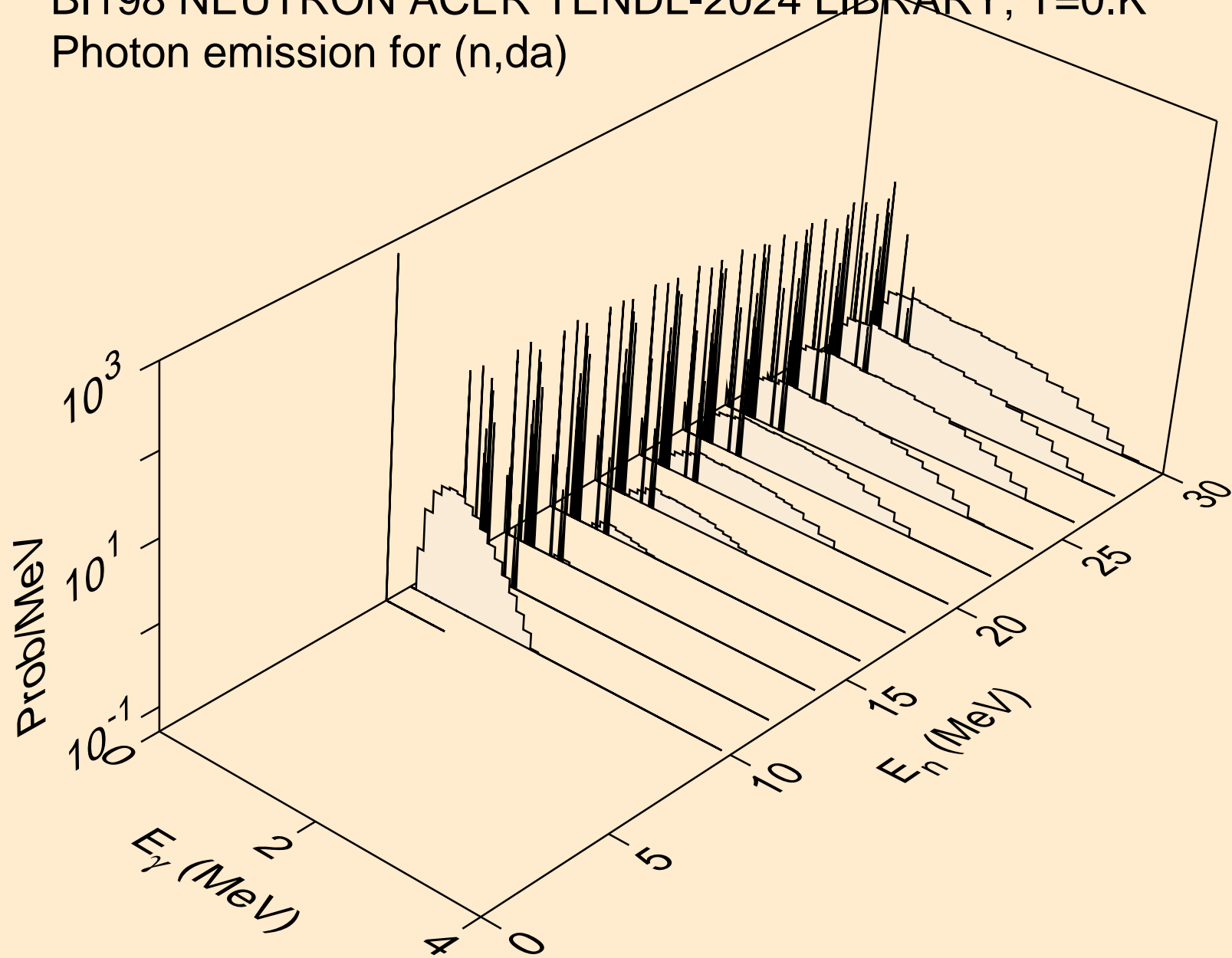
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



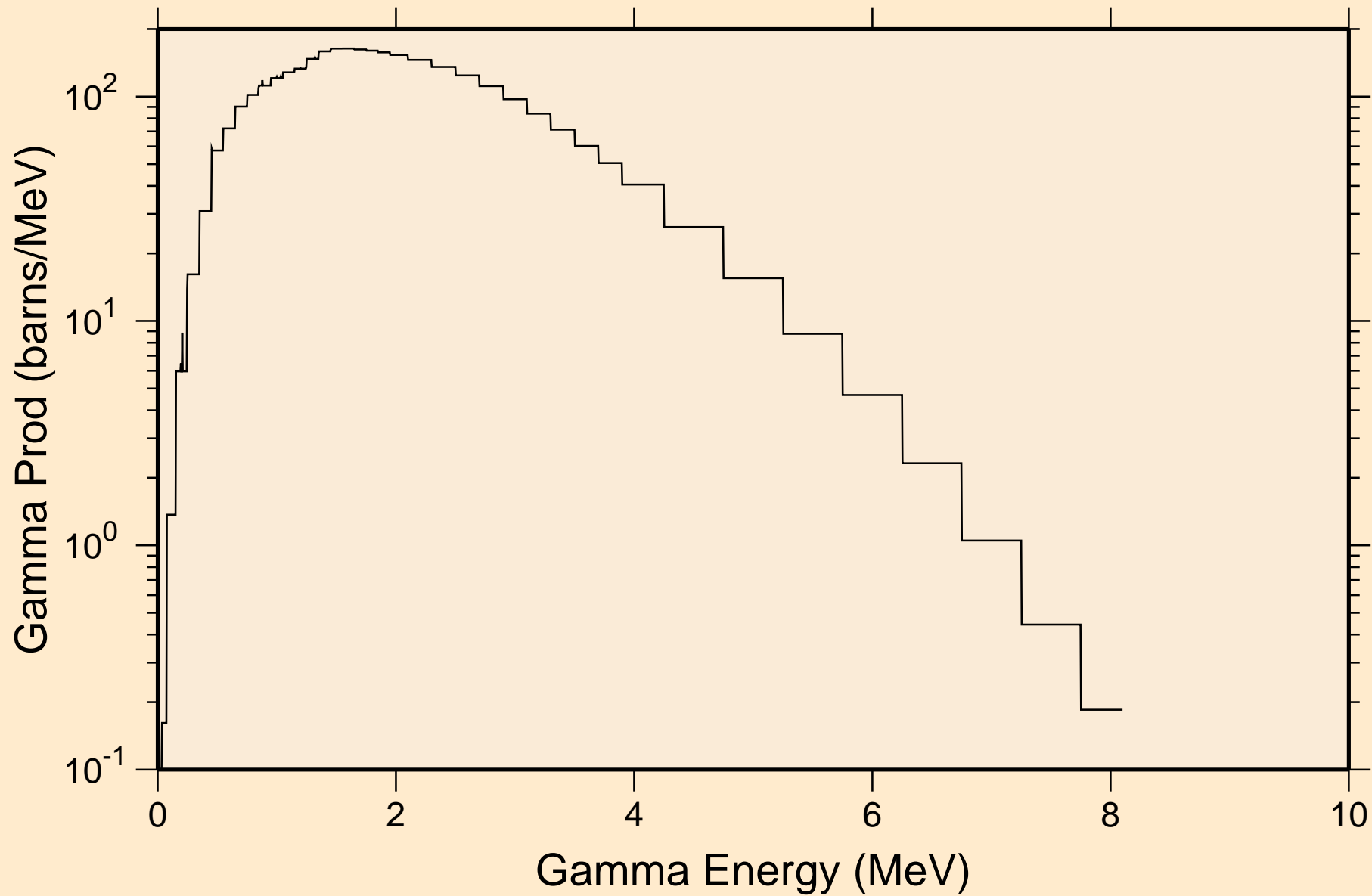
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



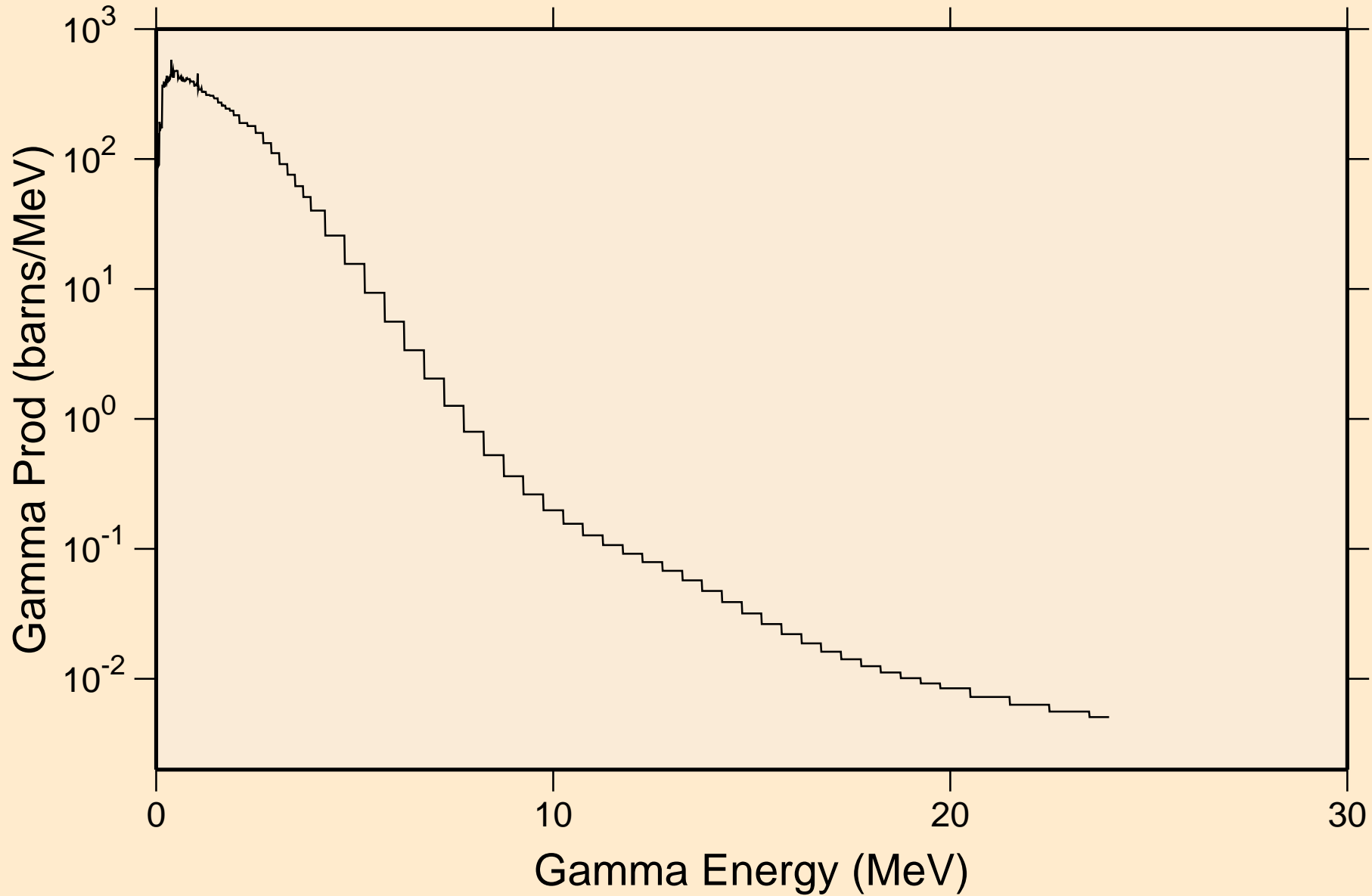
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

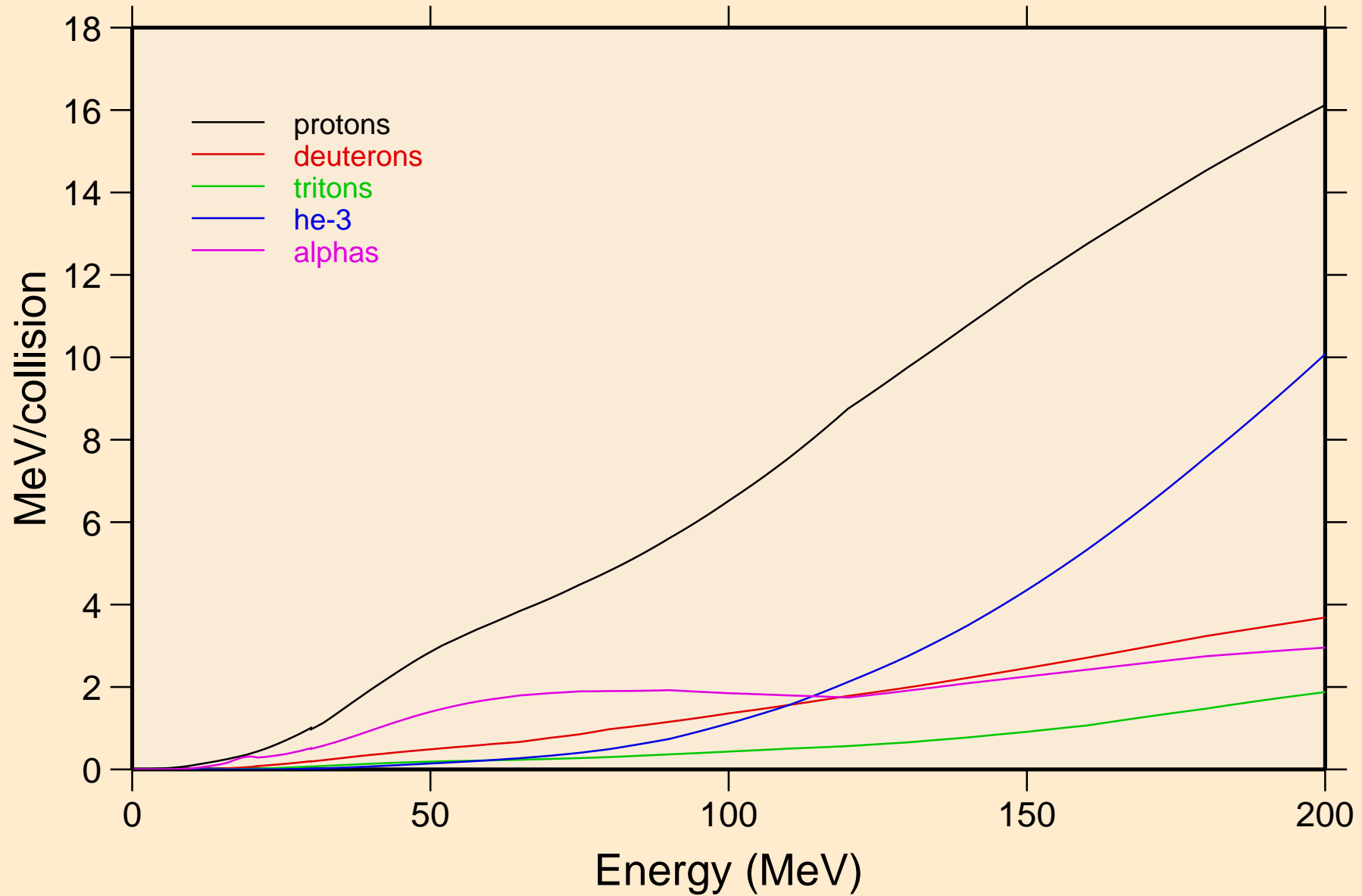


BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

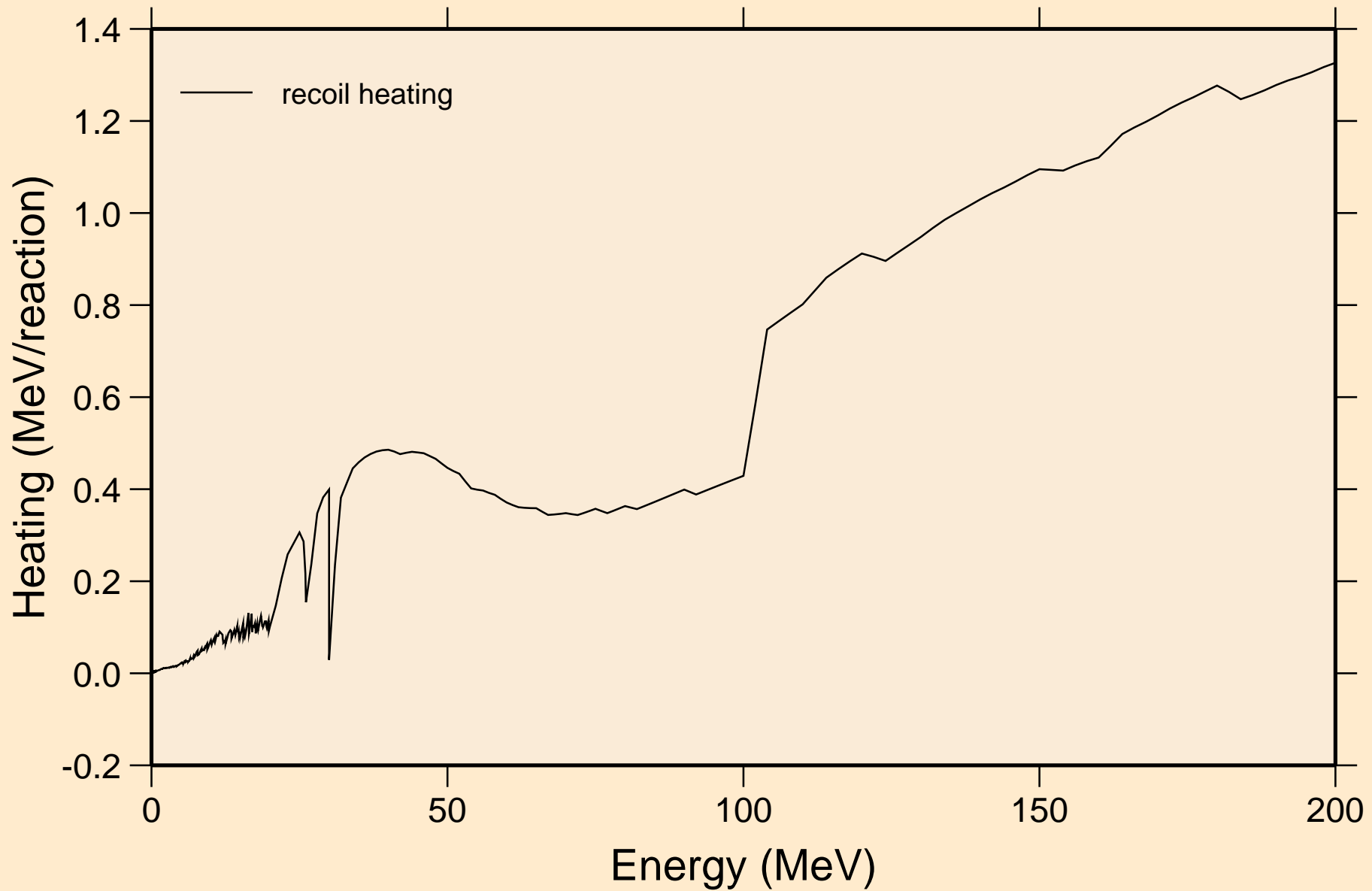


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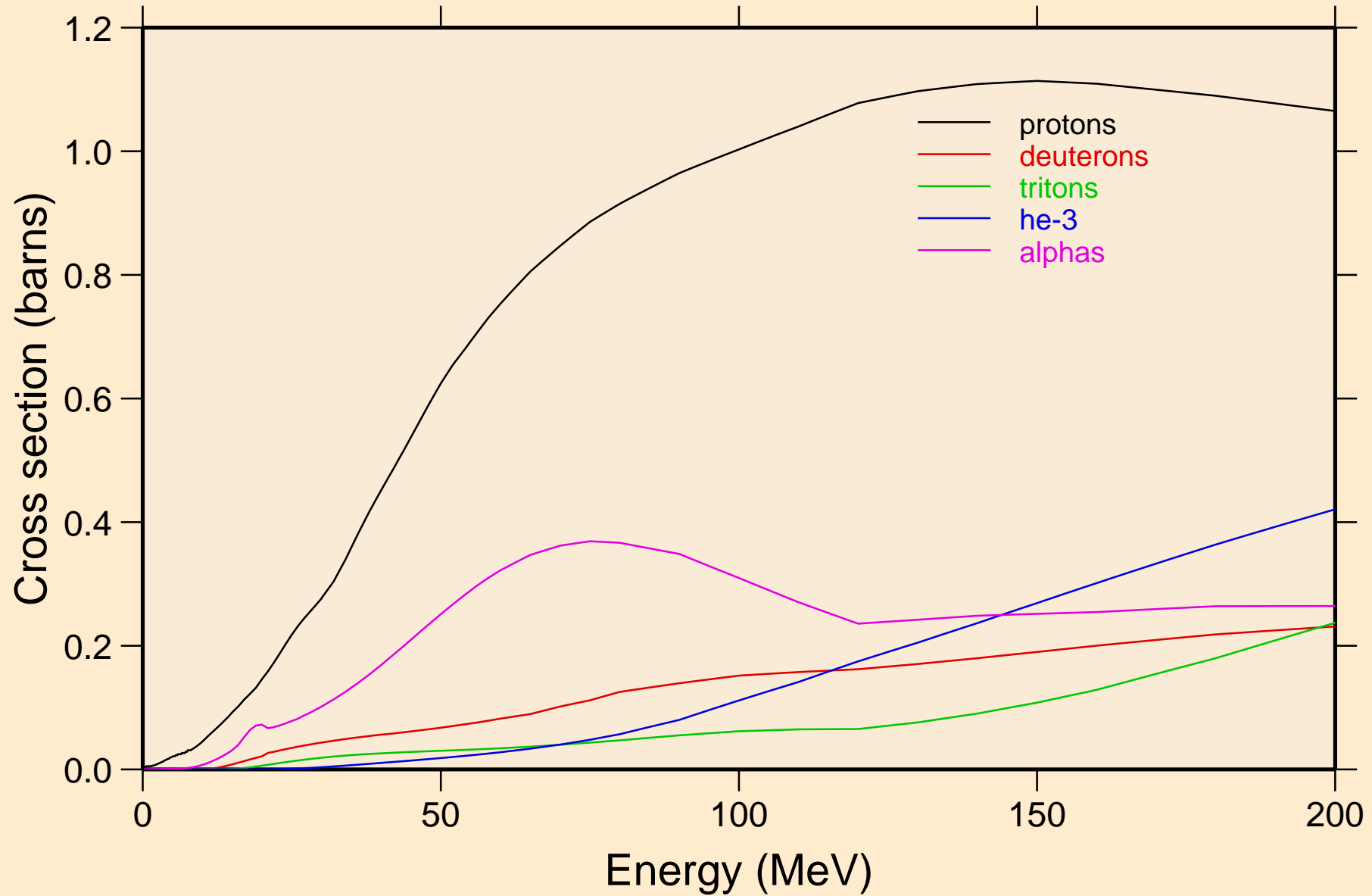
Particle heating contributions



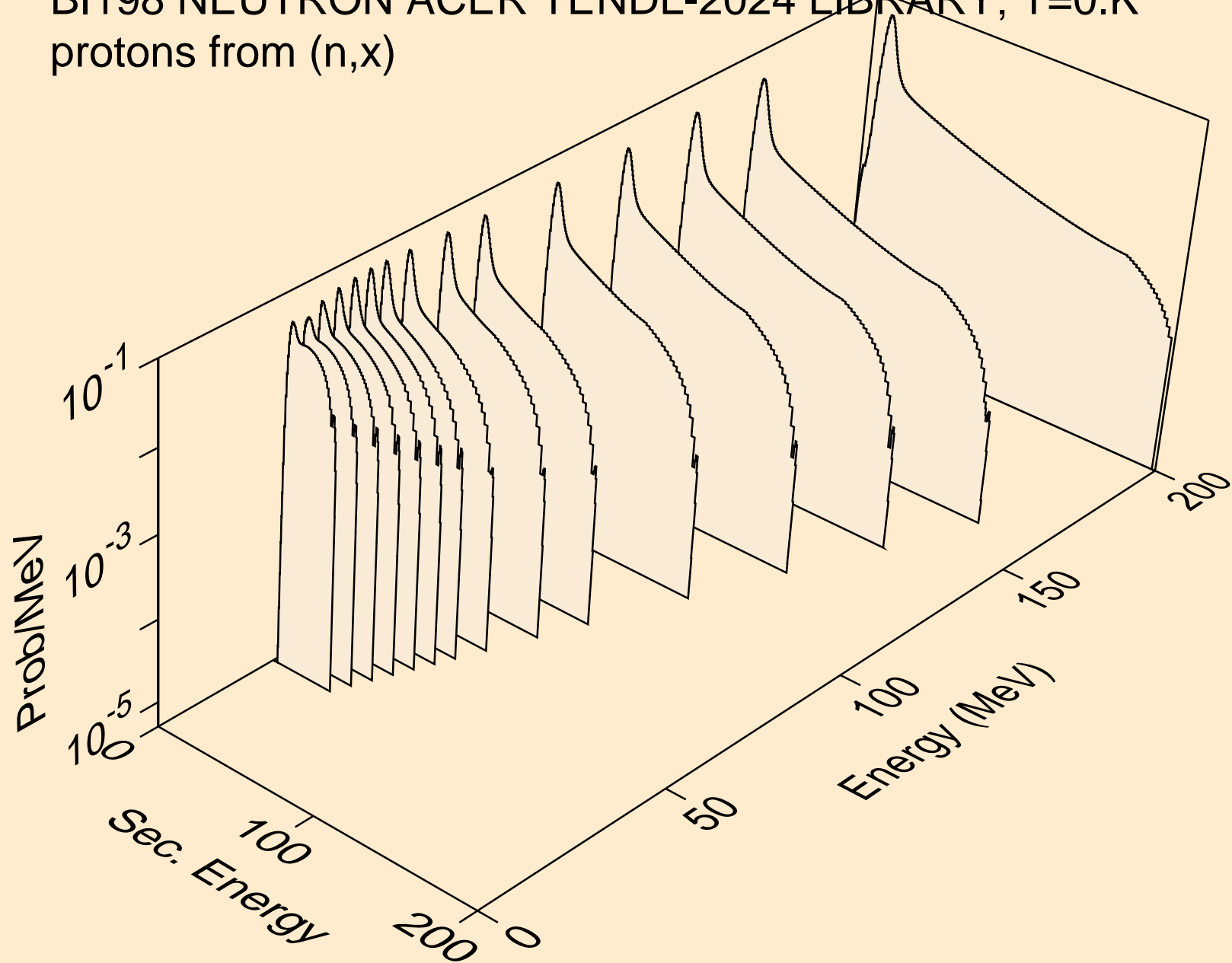
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Recoil Heating



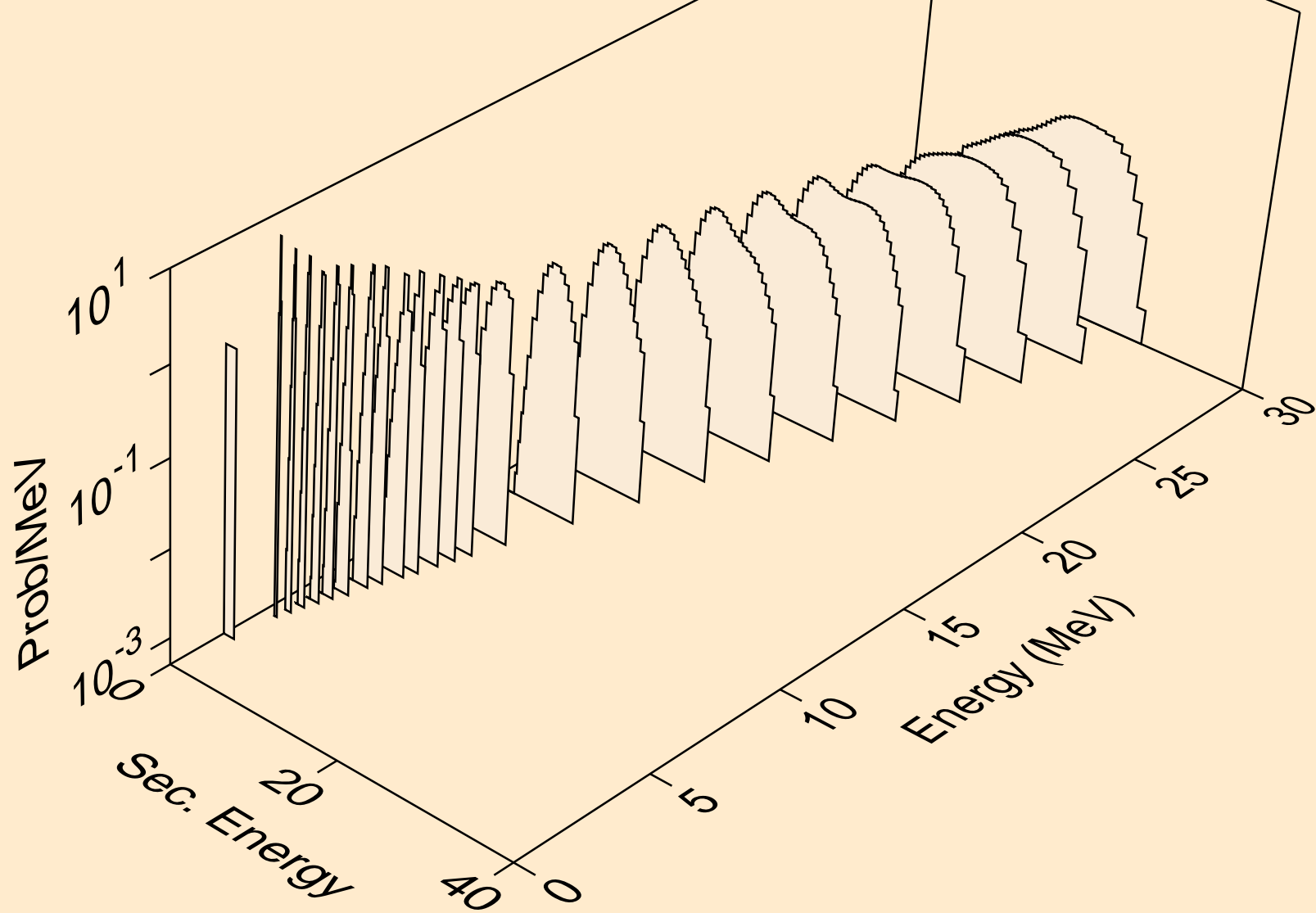
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Particle production cross sections



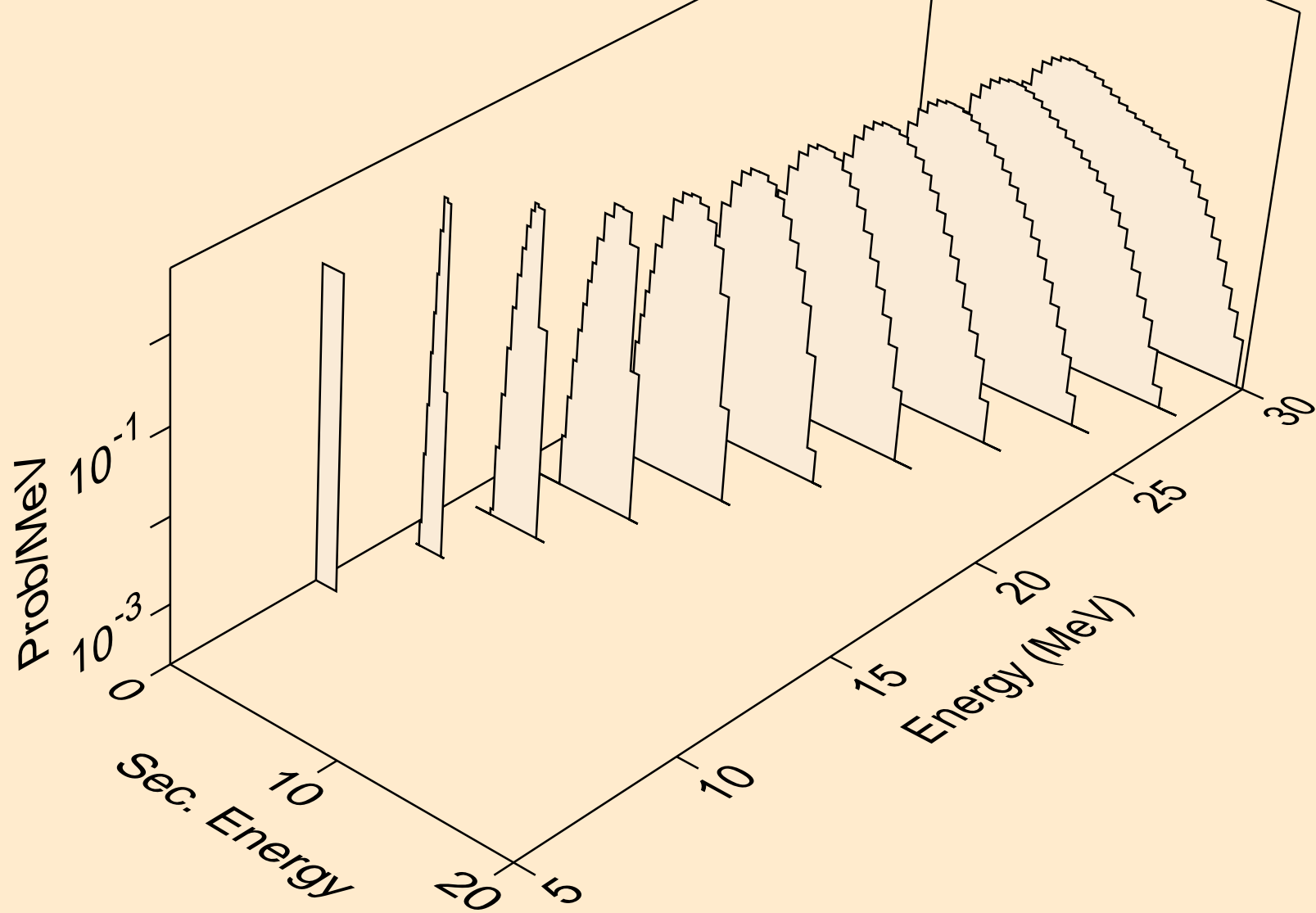
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



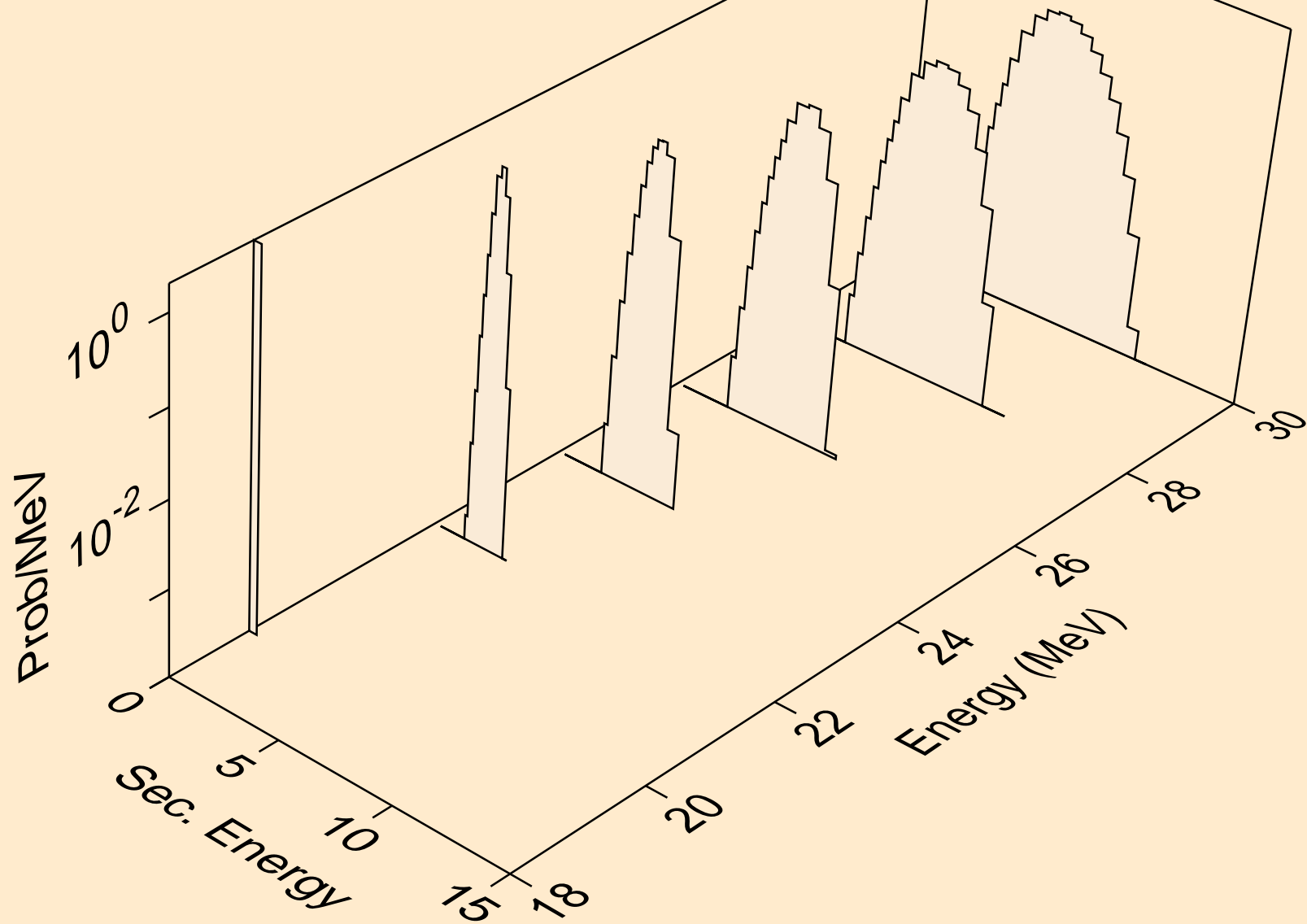
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protons from (n,n*)p



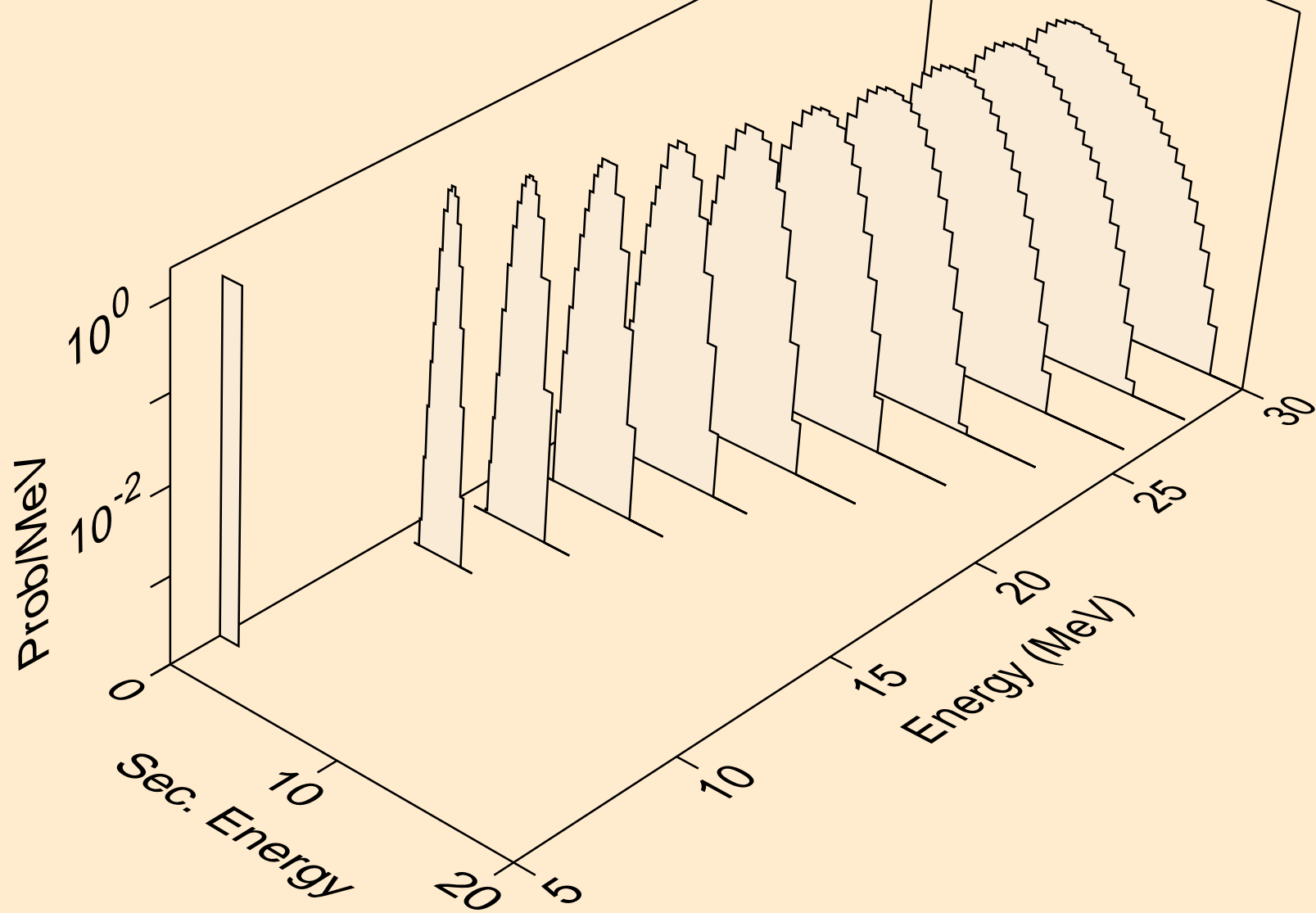
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protons from (n,2np)



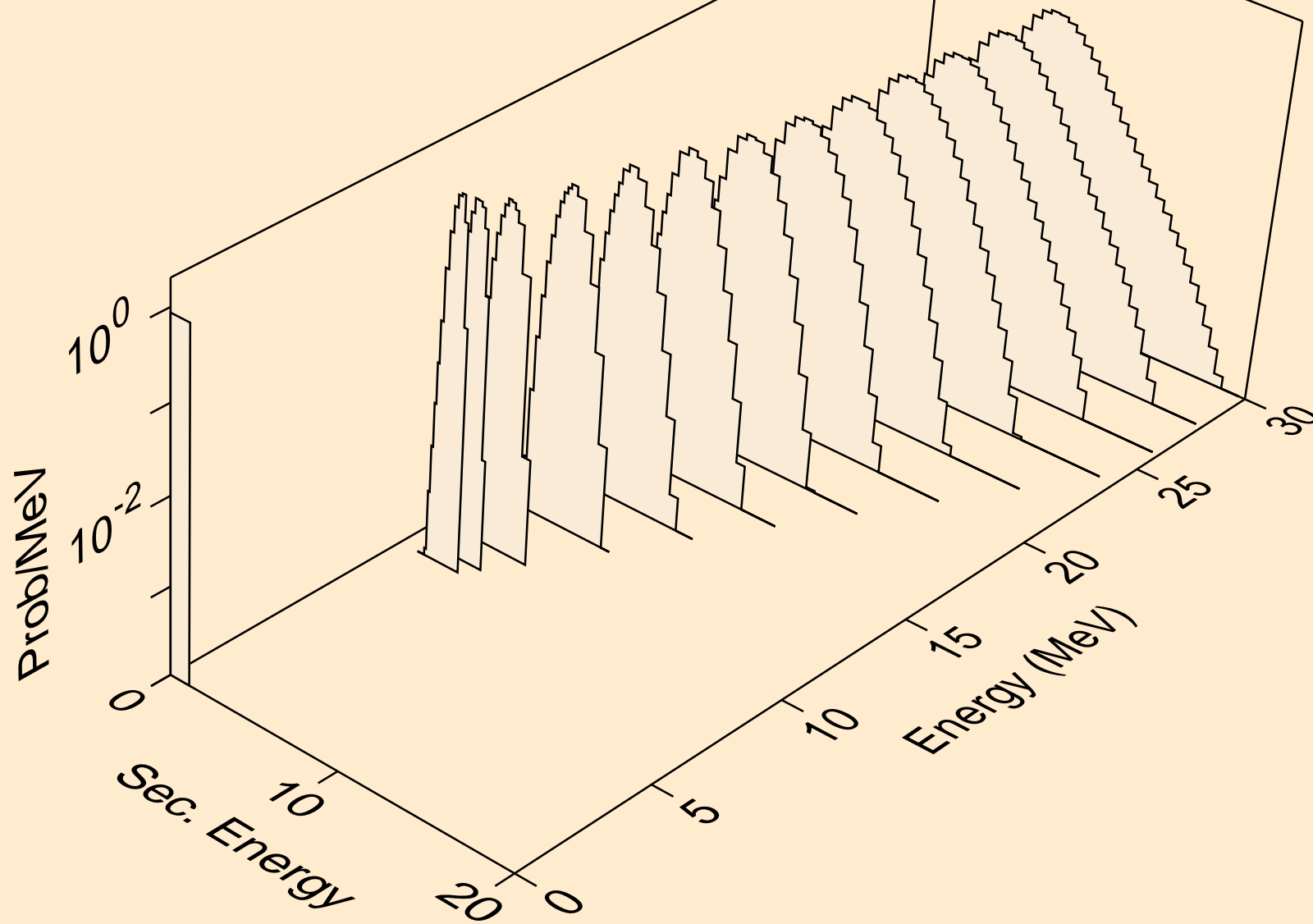
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protons from (n,3np)



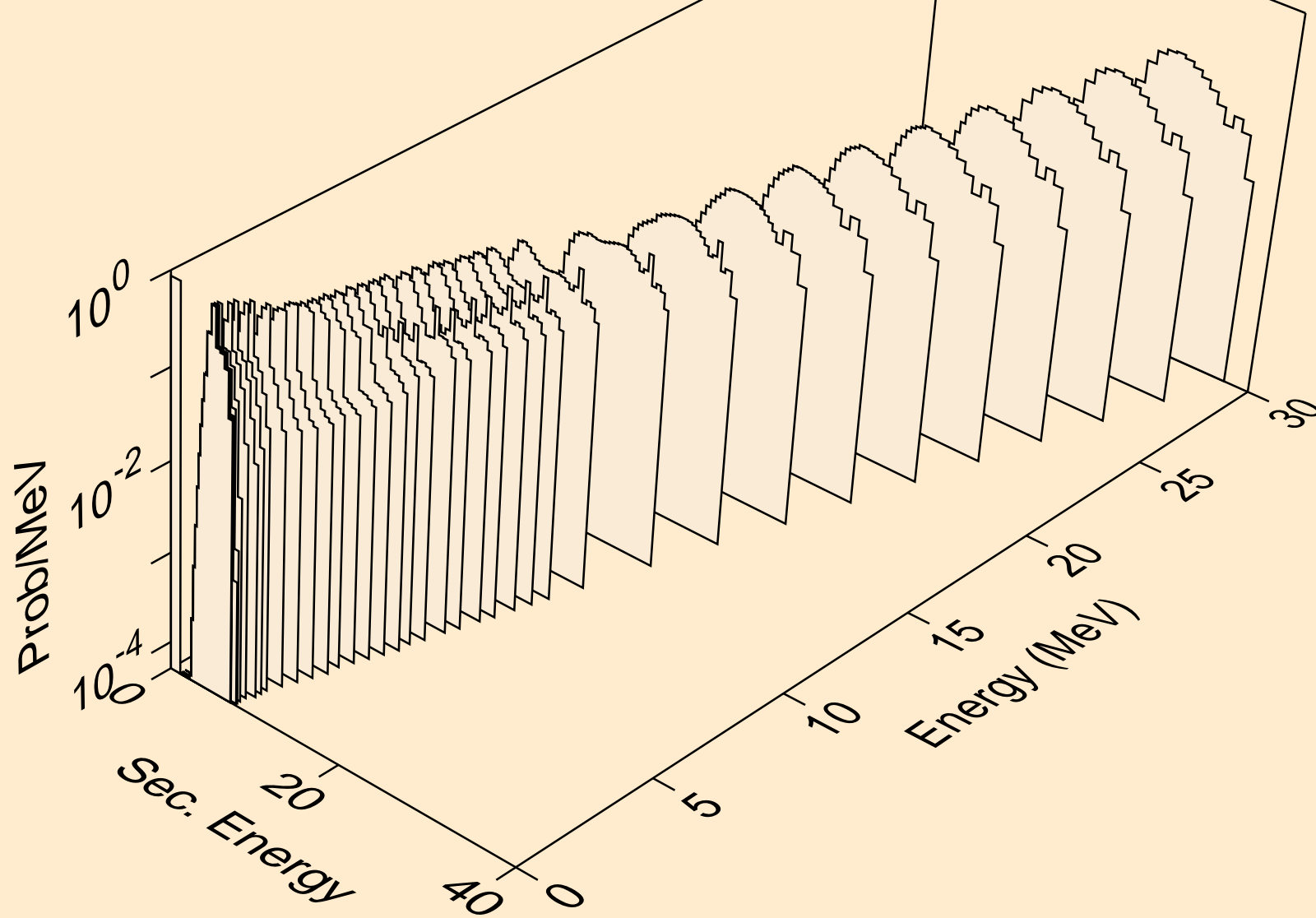
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protons from (n,n2p)



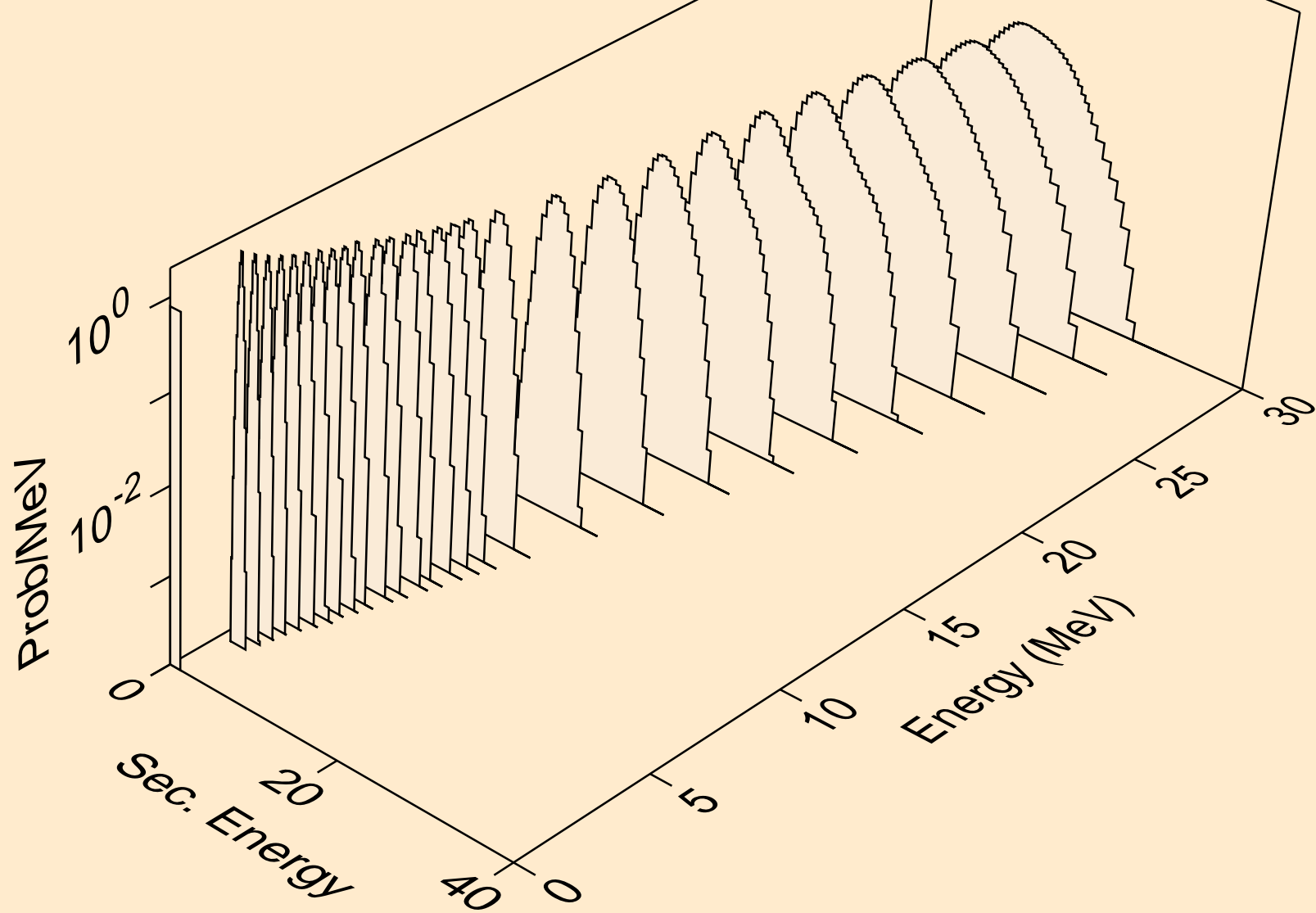
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protons from (n,npa)



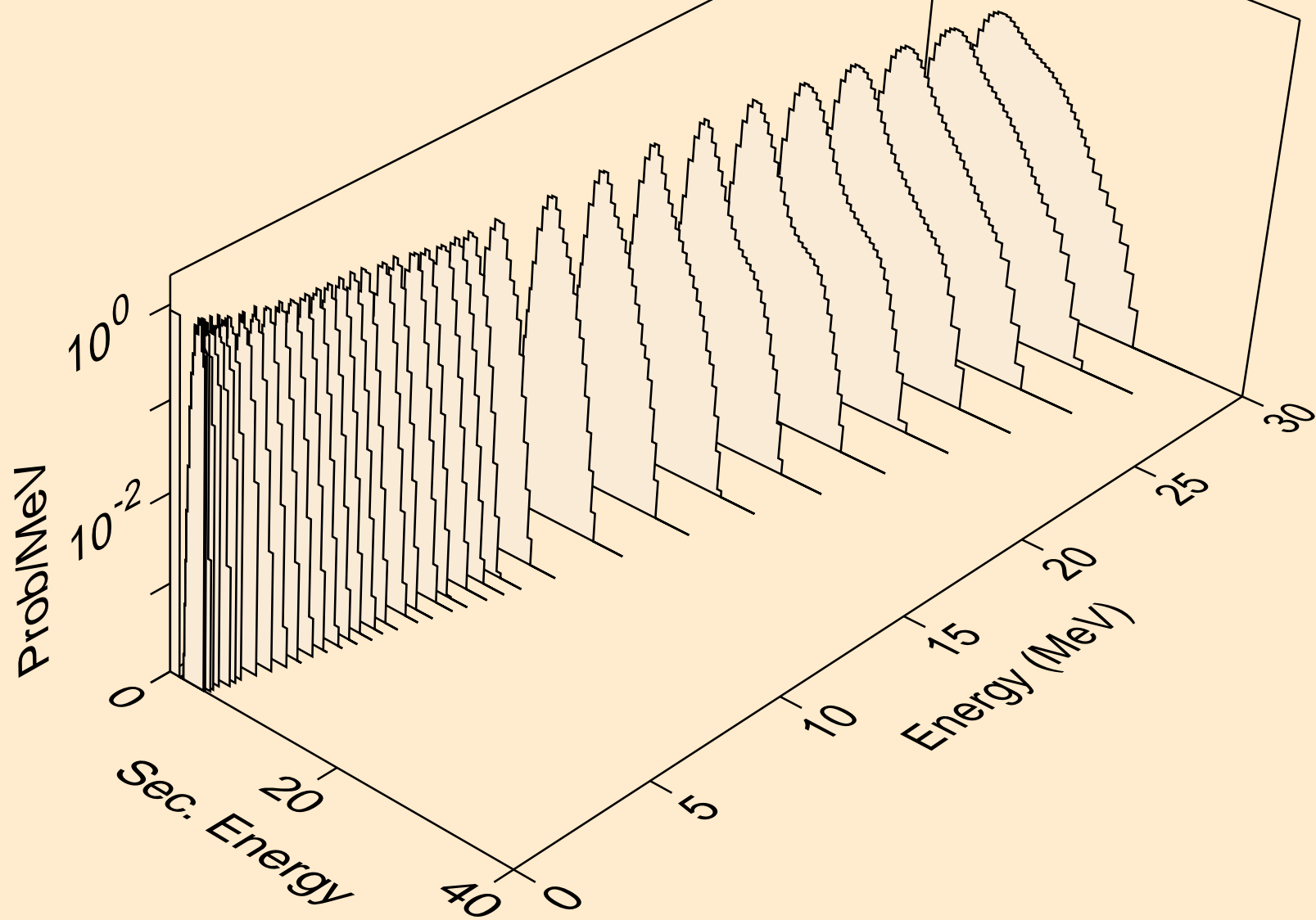
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protons from (n,p)



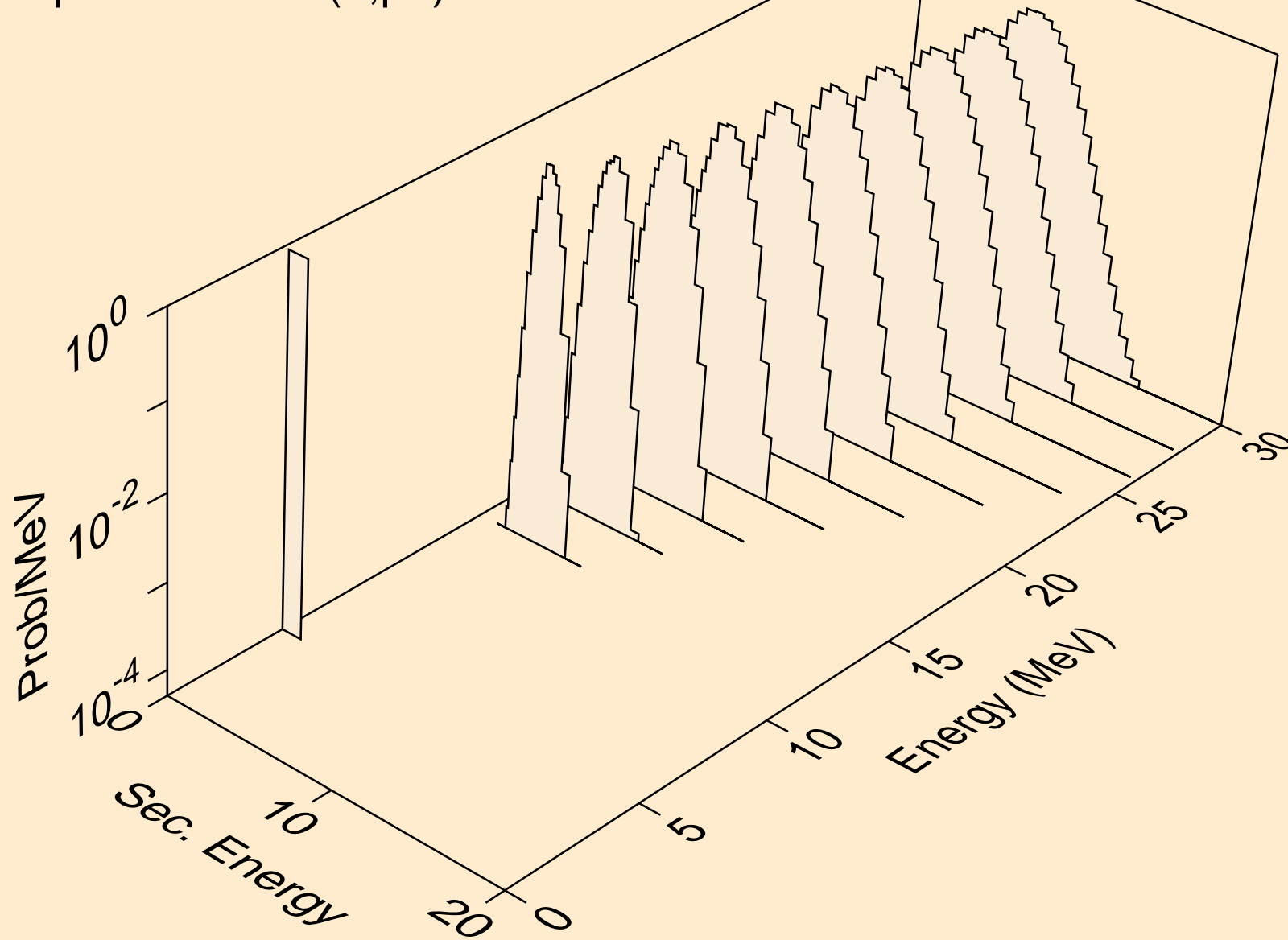
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protons from (n,2p)



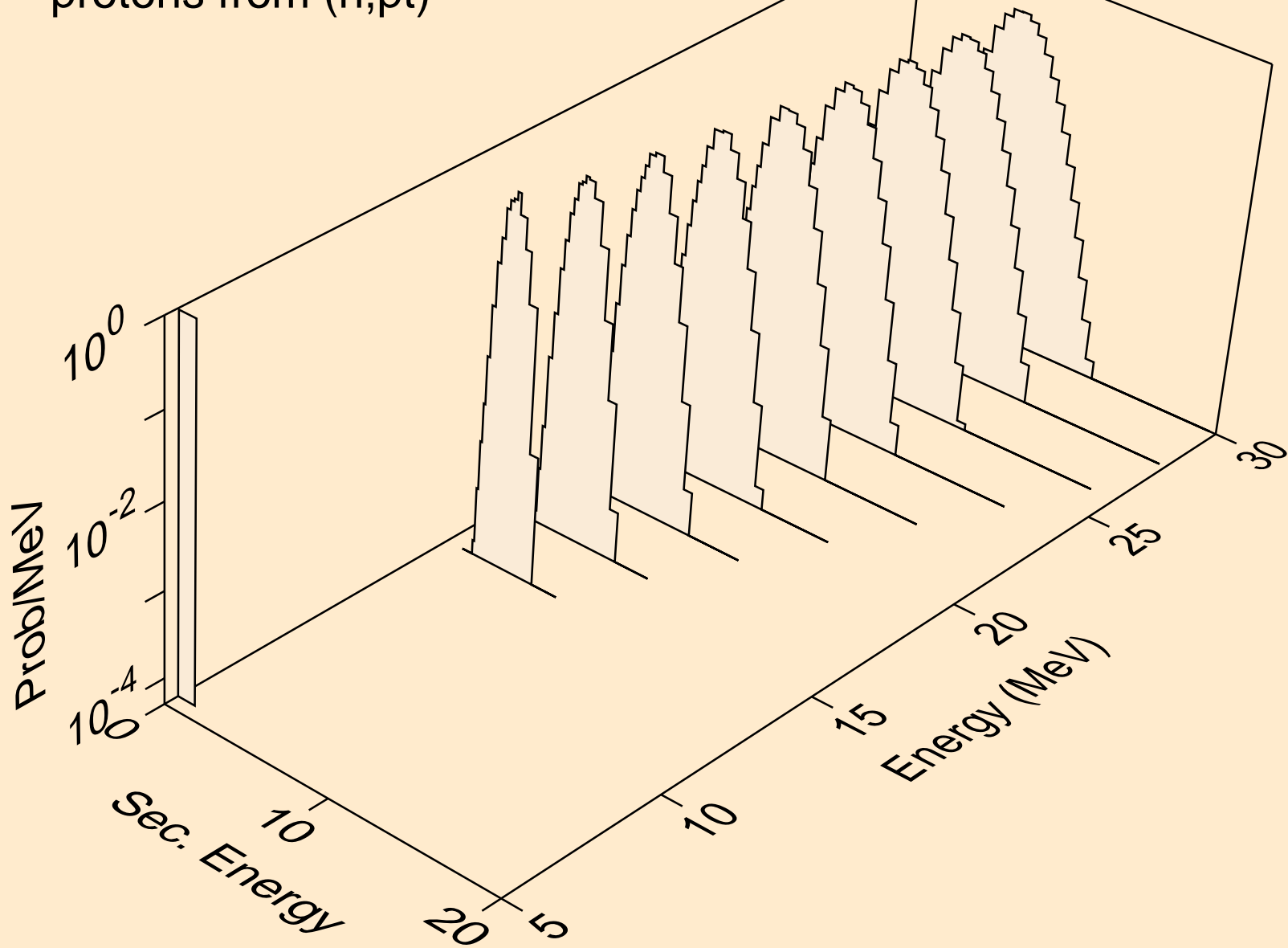
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protons from (n,p)



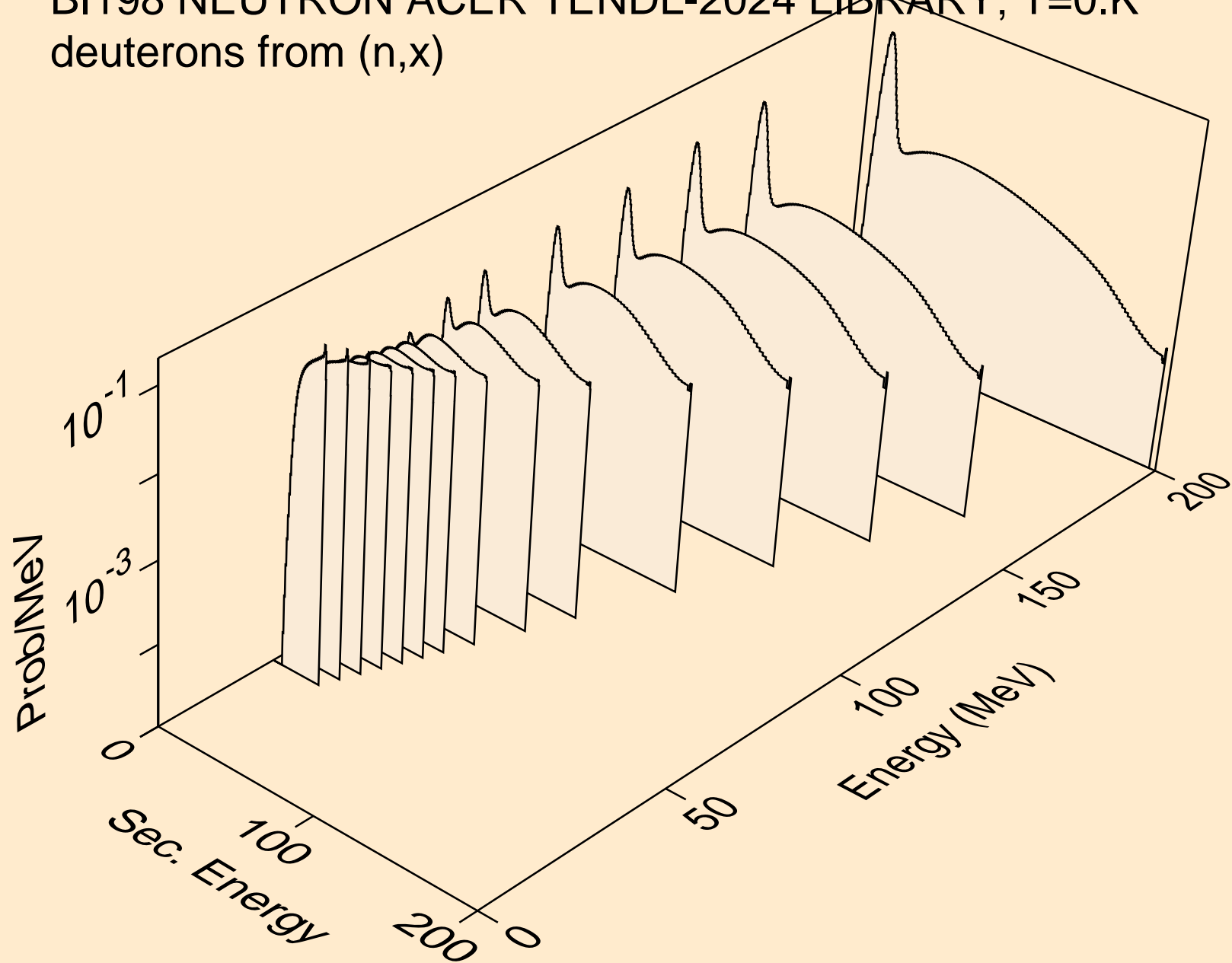
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protons from (n,pd)



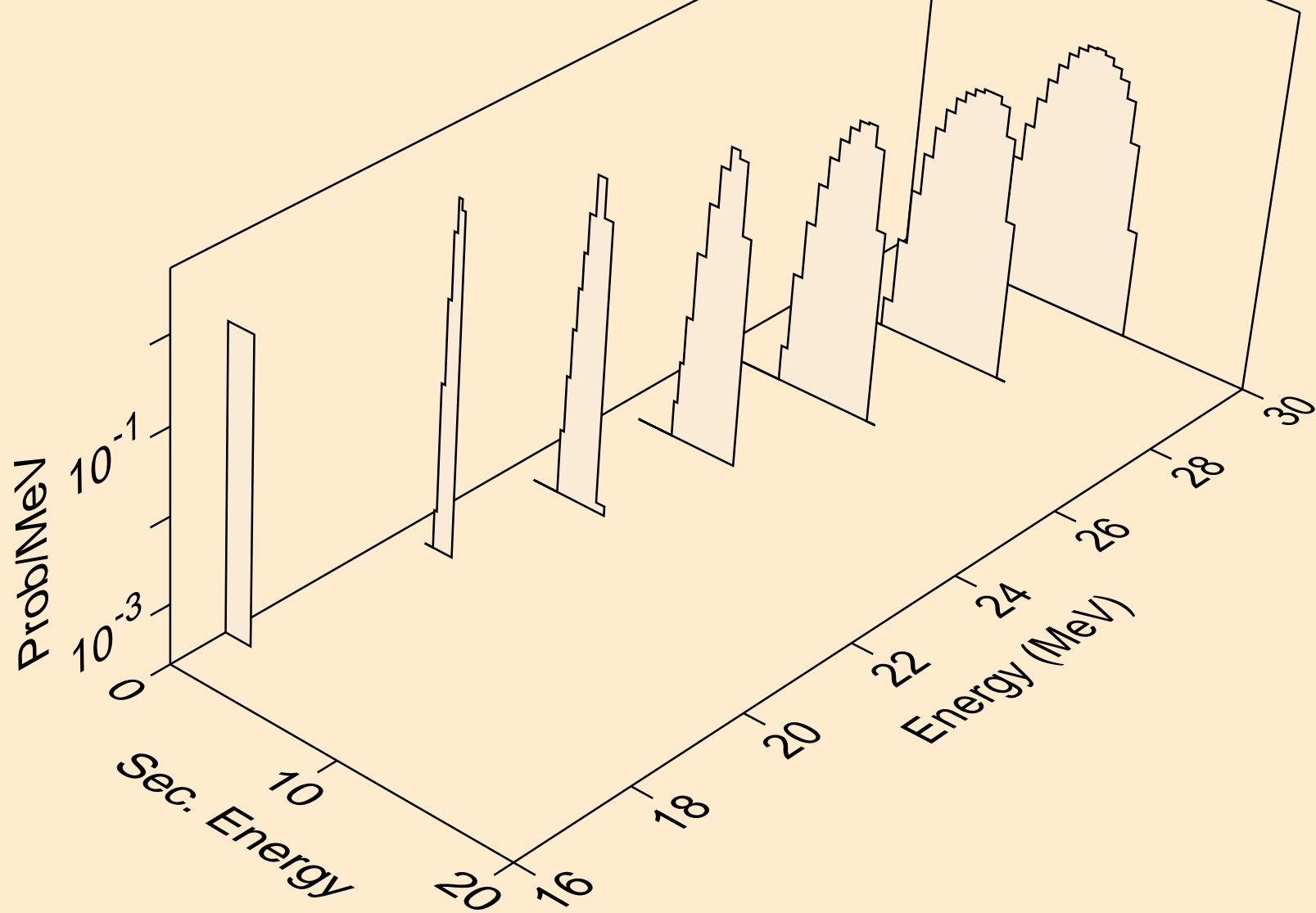
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protons from (n,pt)



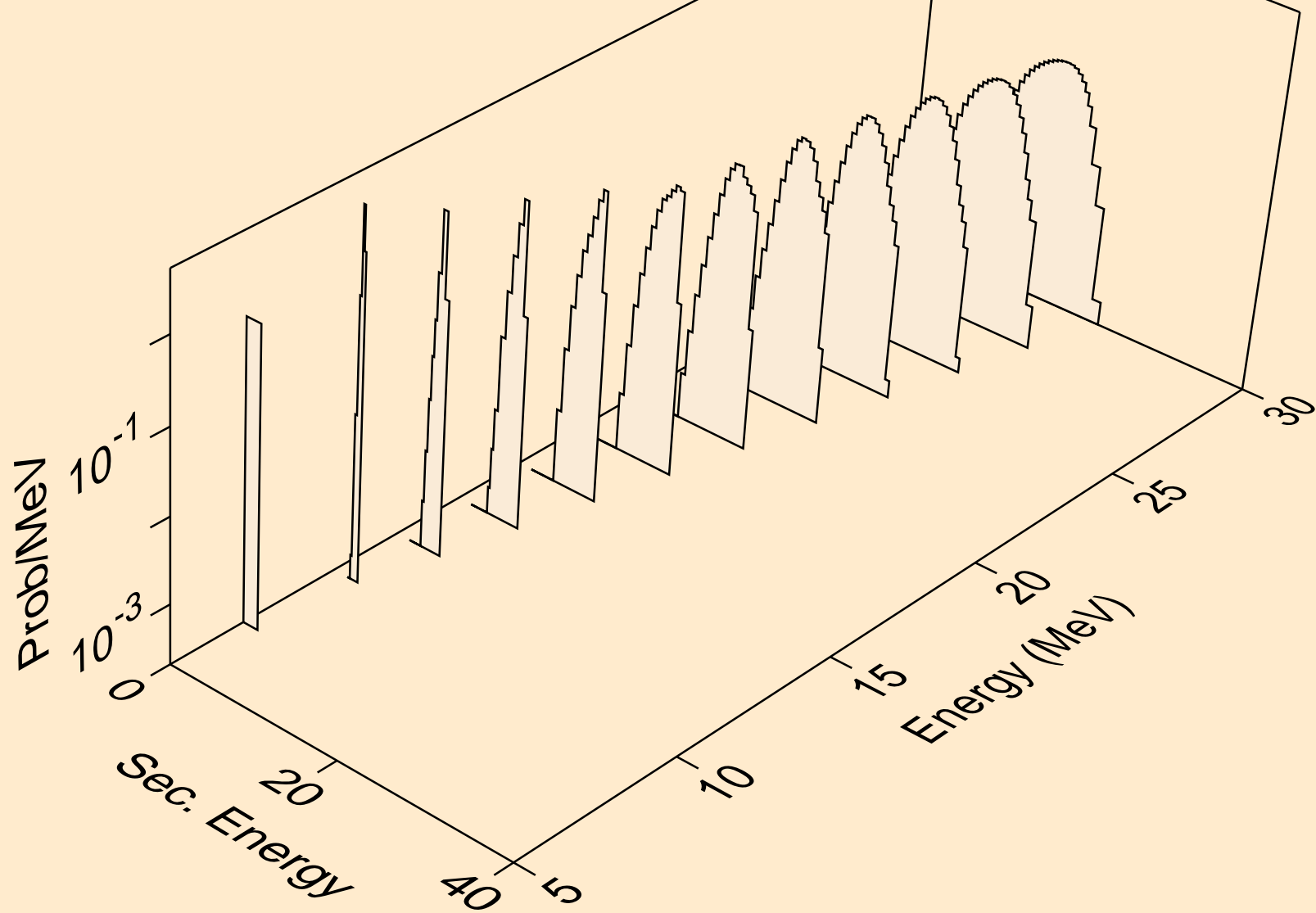
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



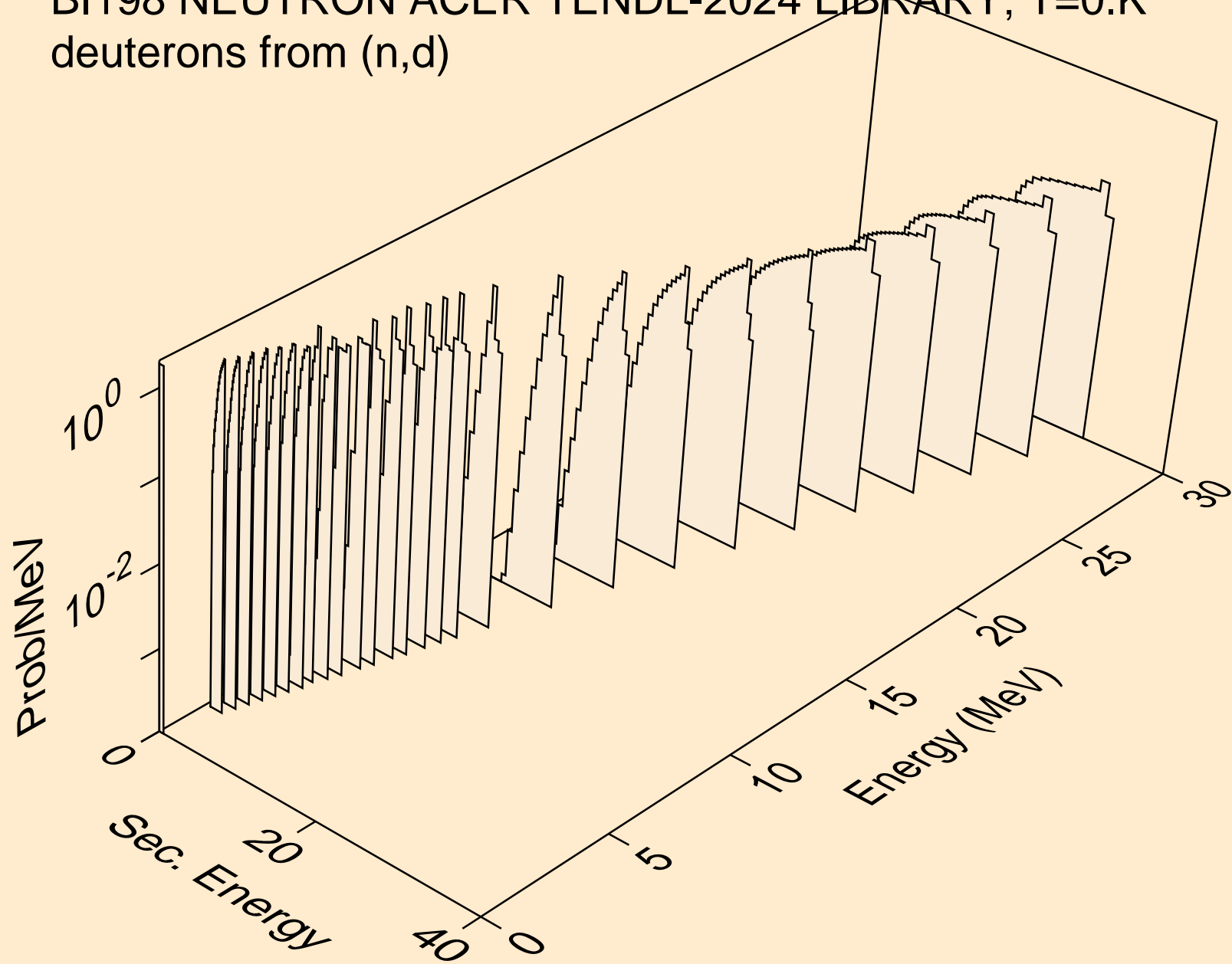
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deuterons from (n,2nd)



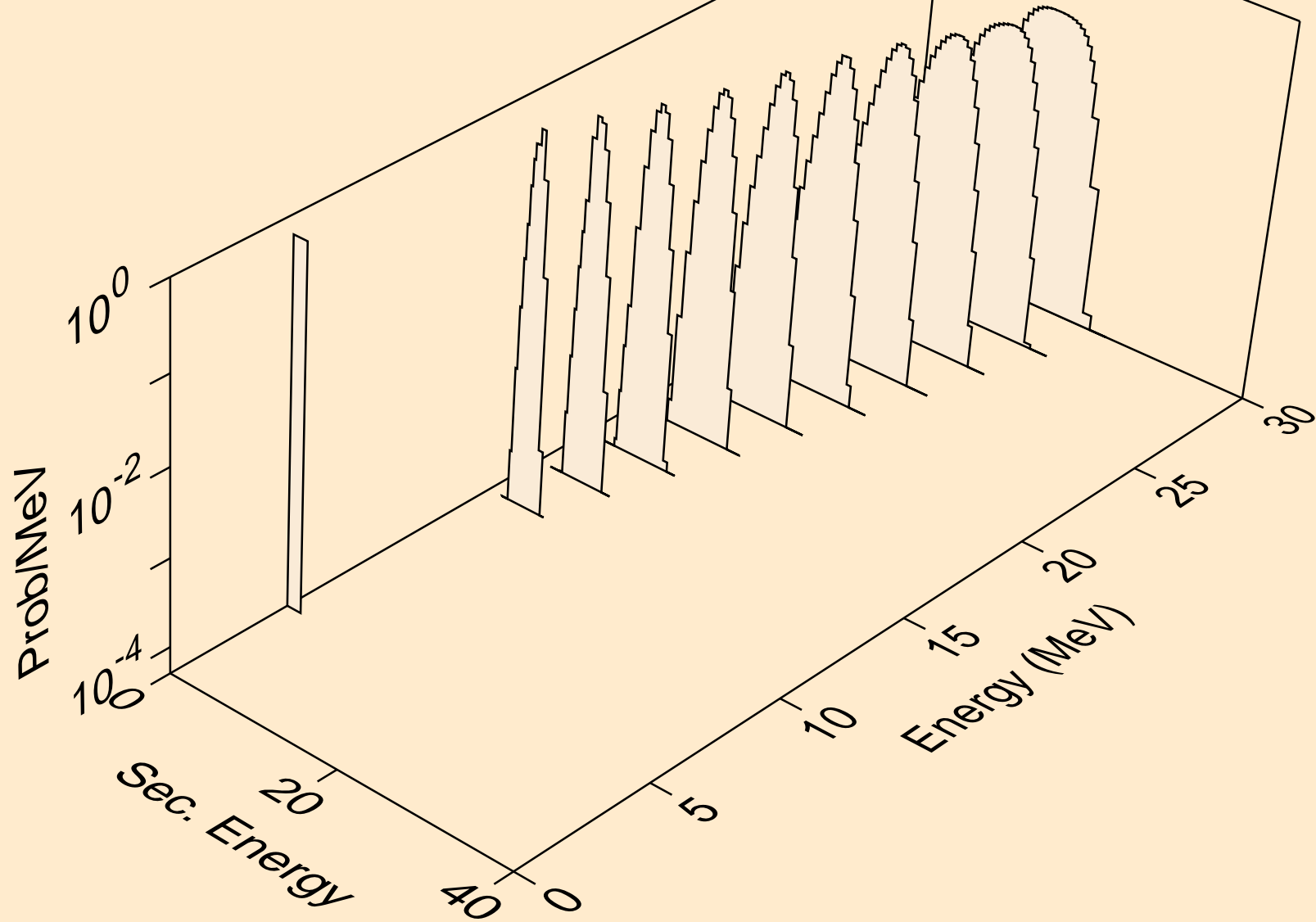
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deuterons from (n,n*)d



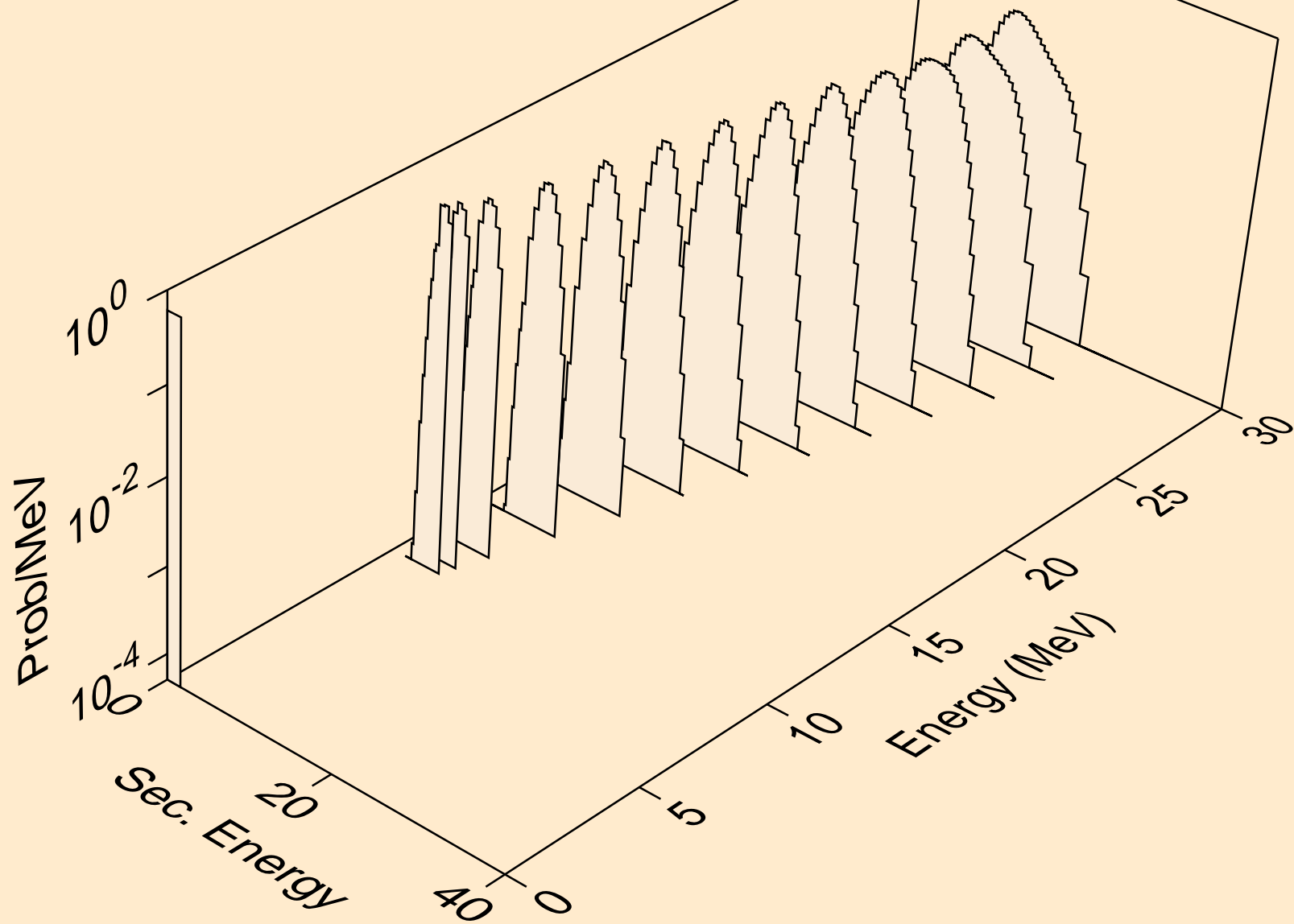
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deuterons from (n,d)



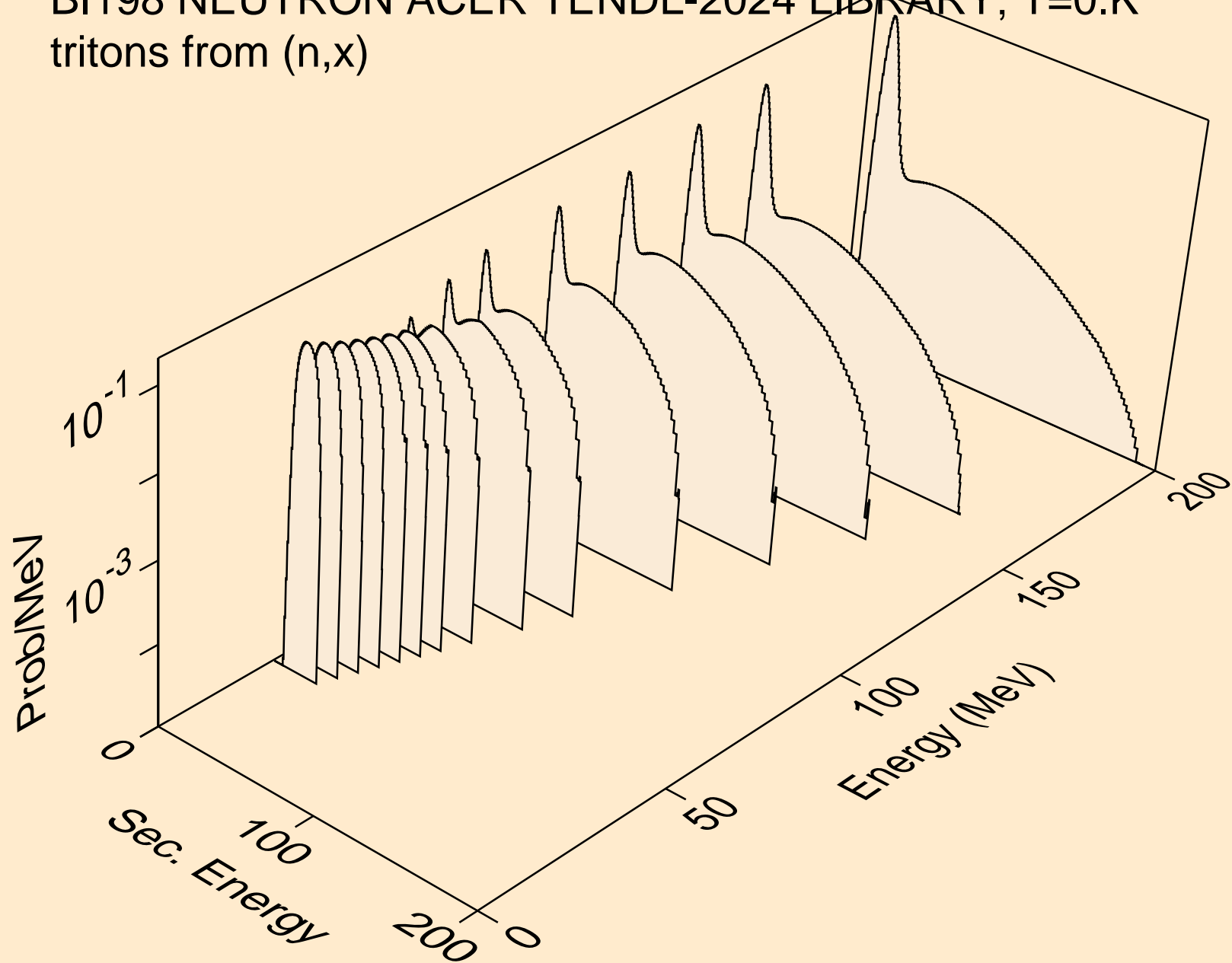
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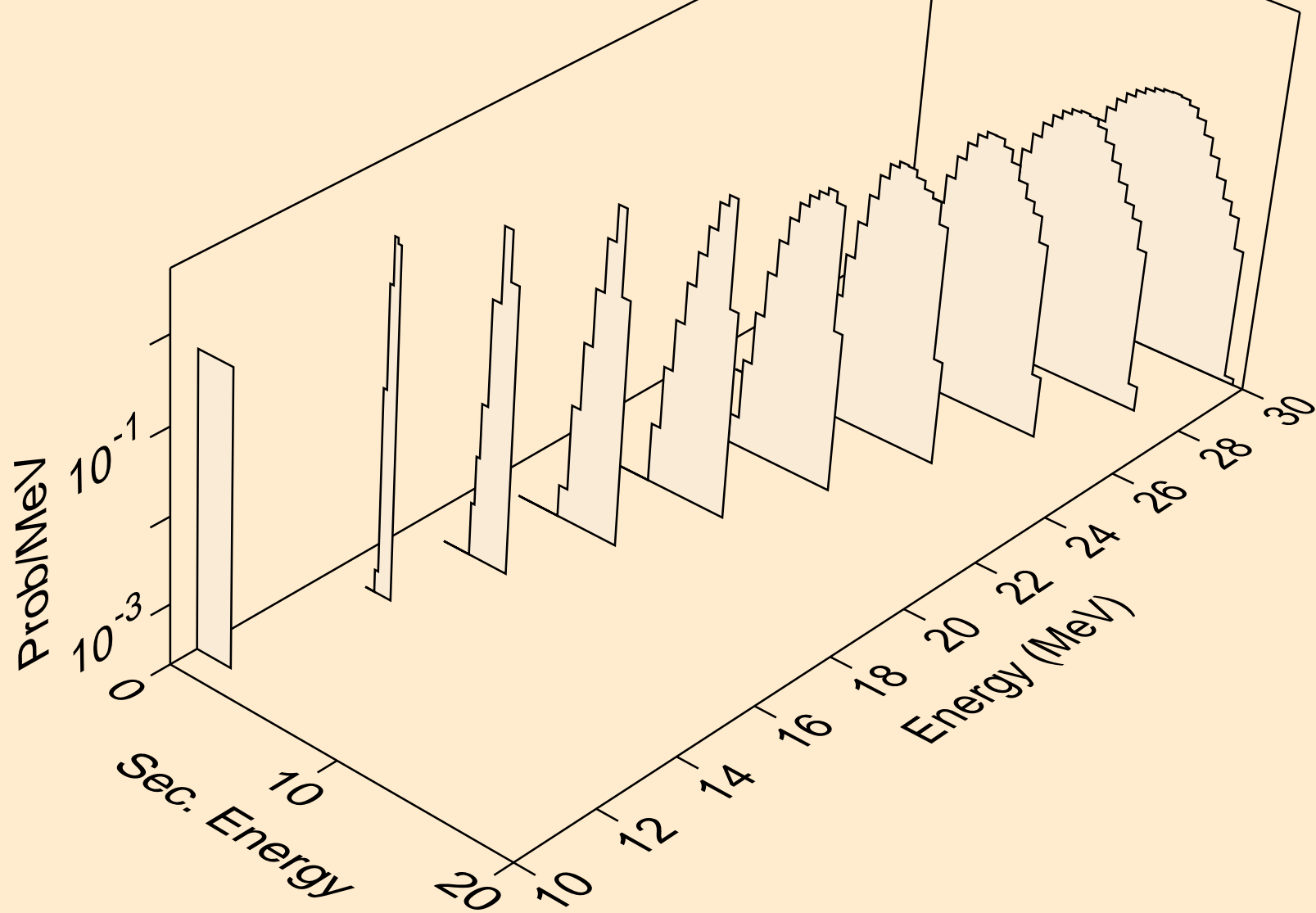
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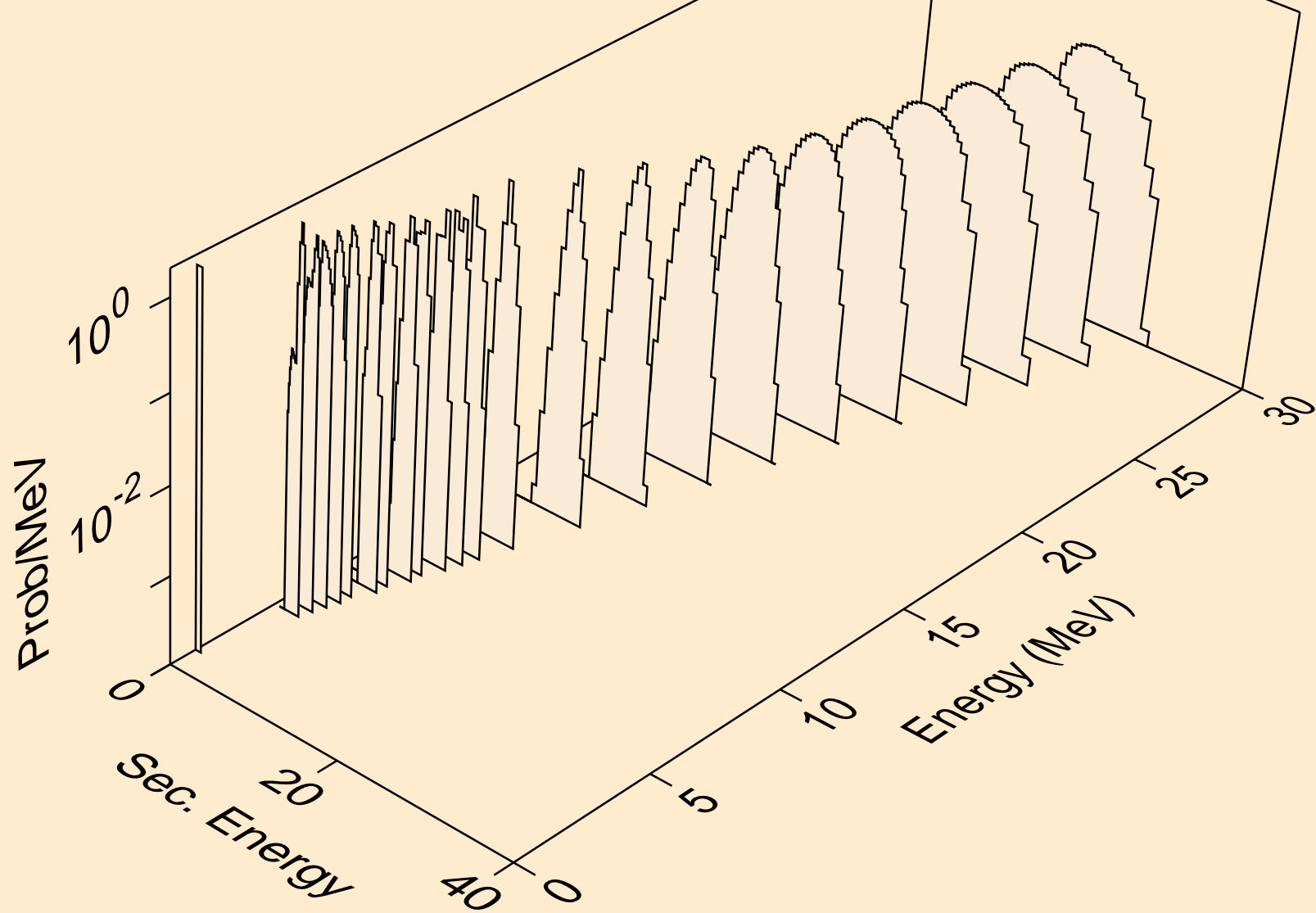
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tritons from (n,x)



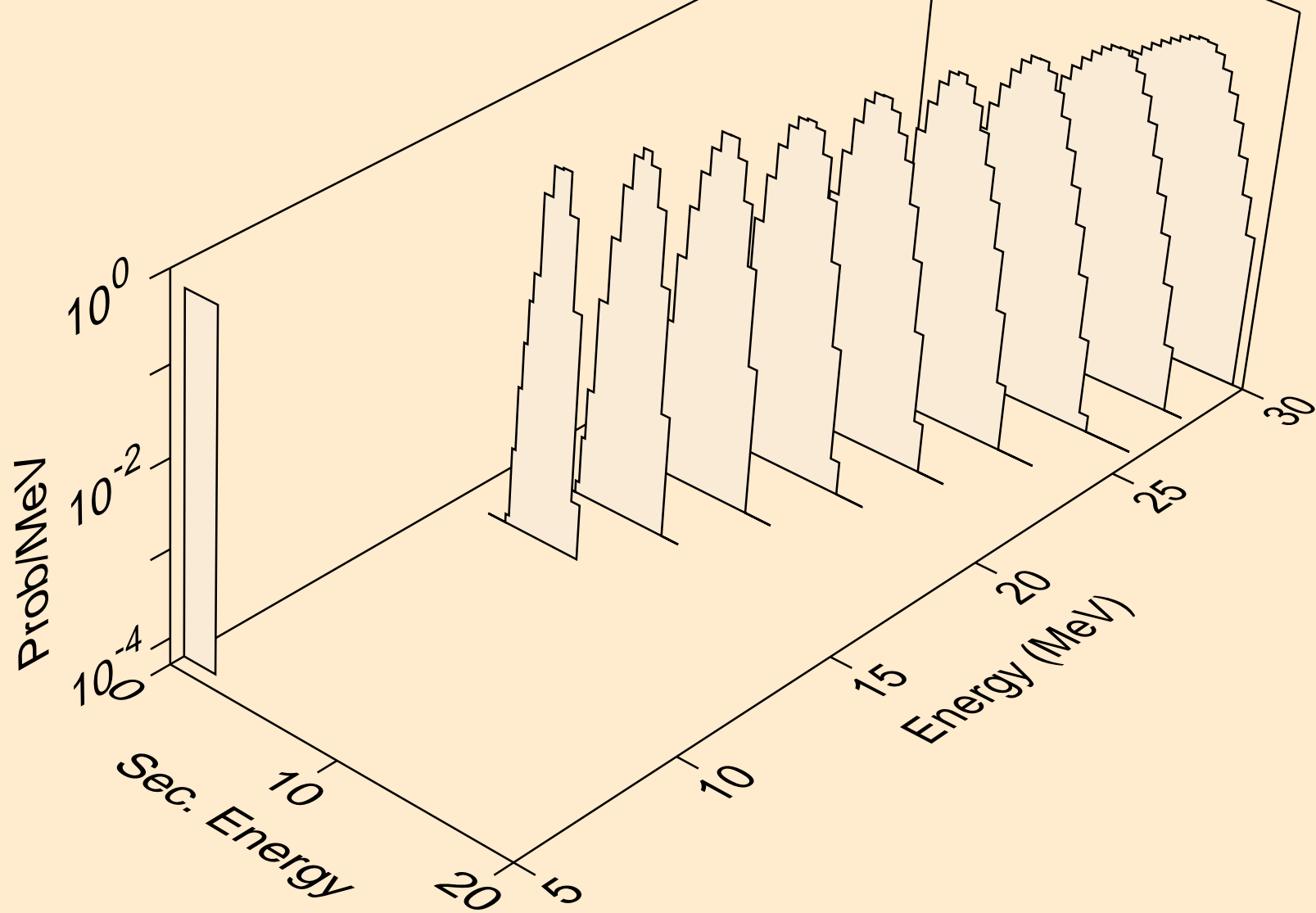
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tritons from (n,n*)t



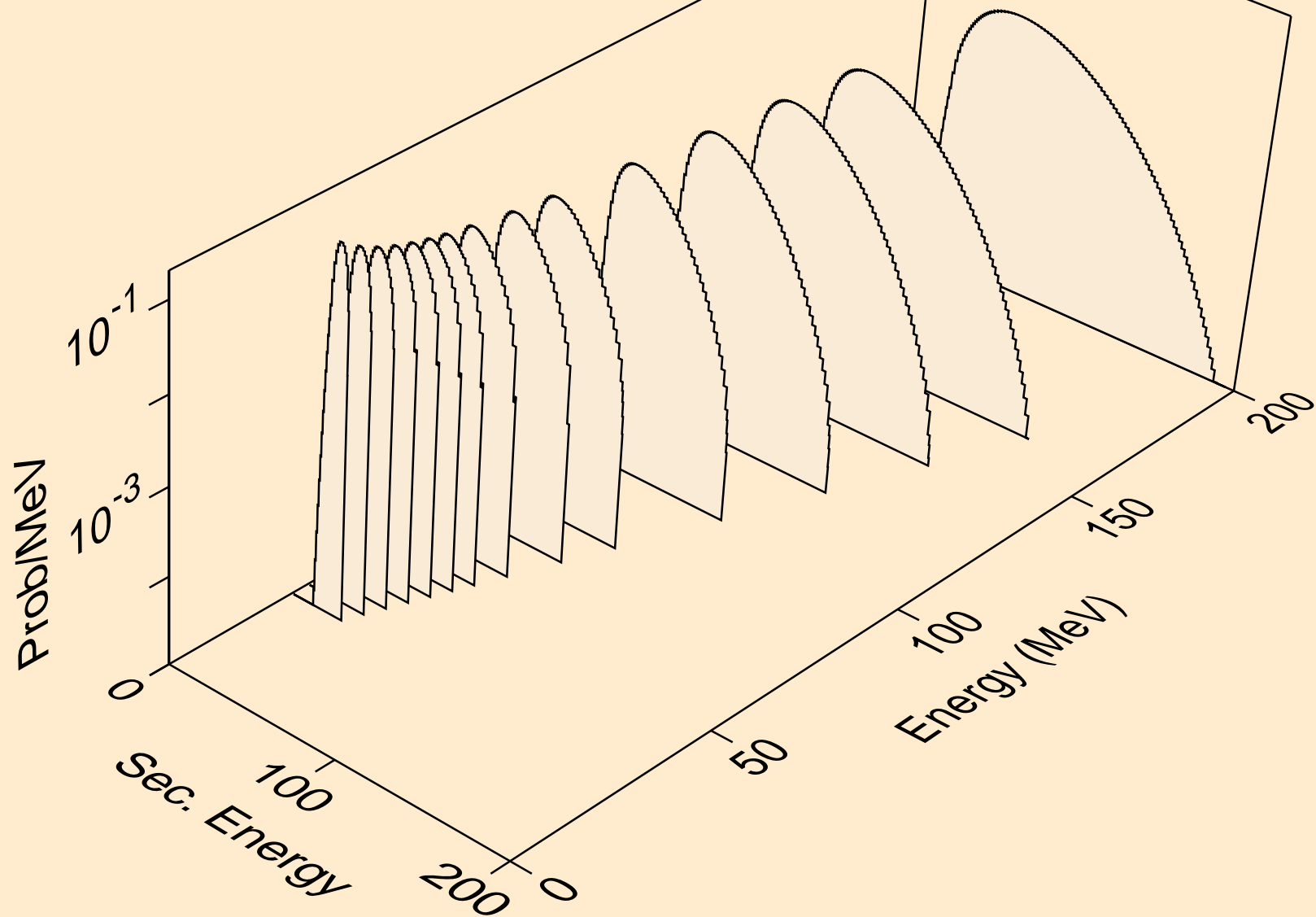
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



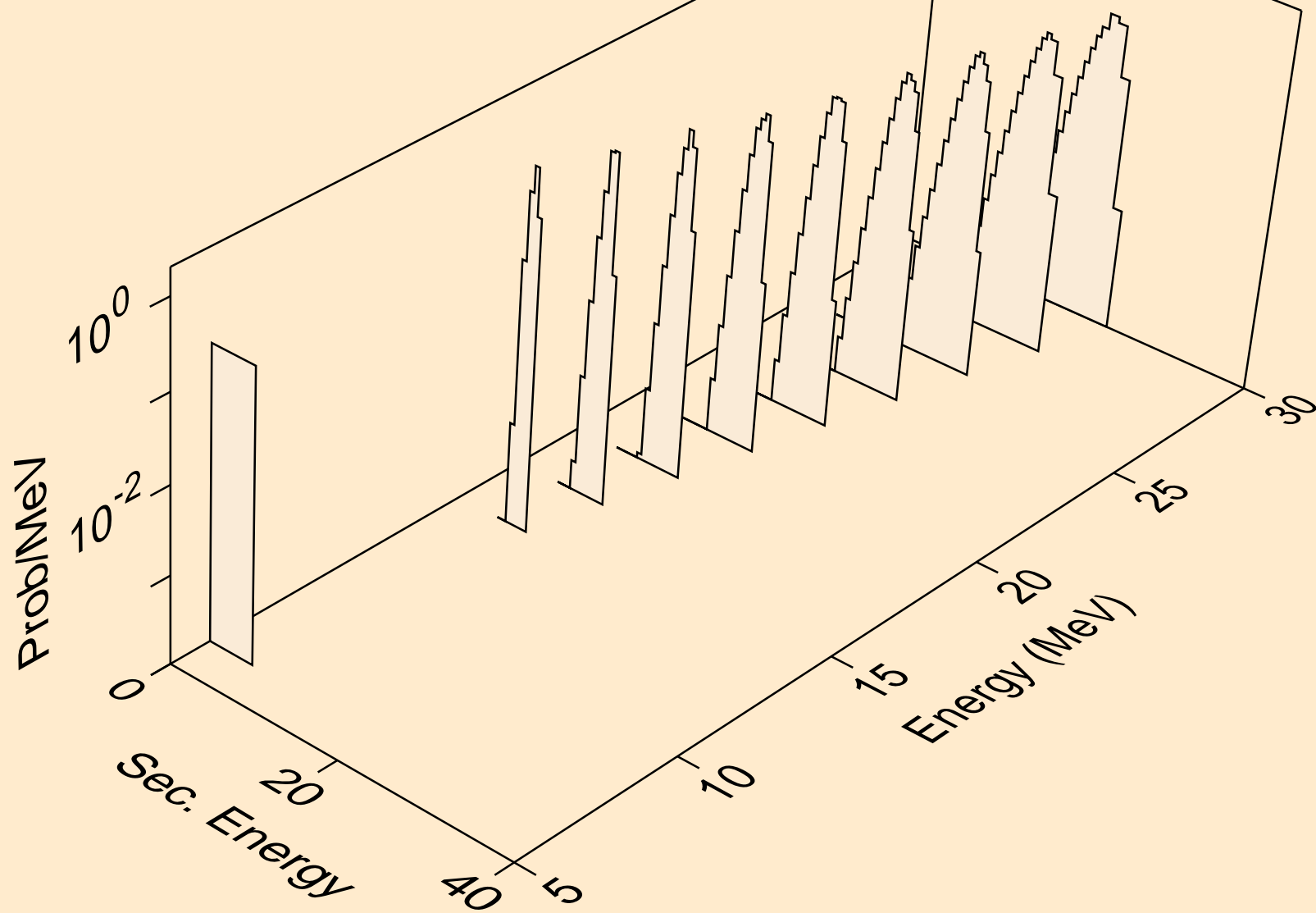
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



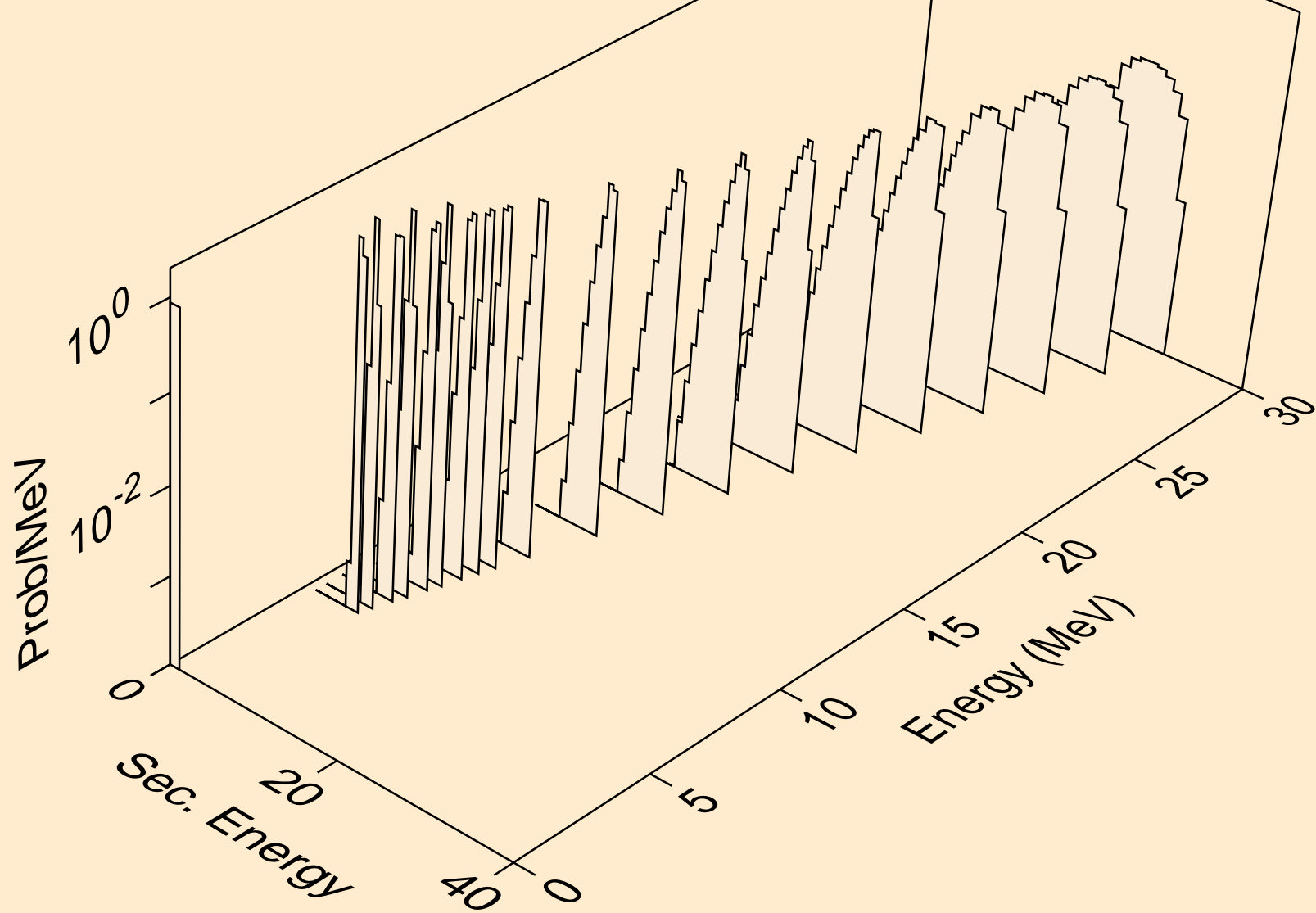
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



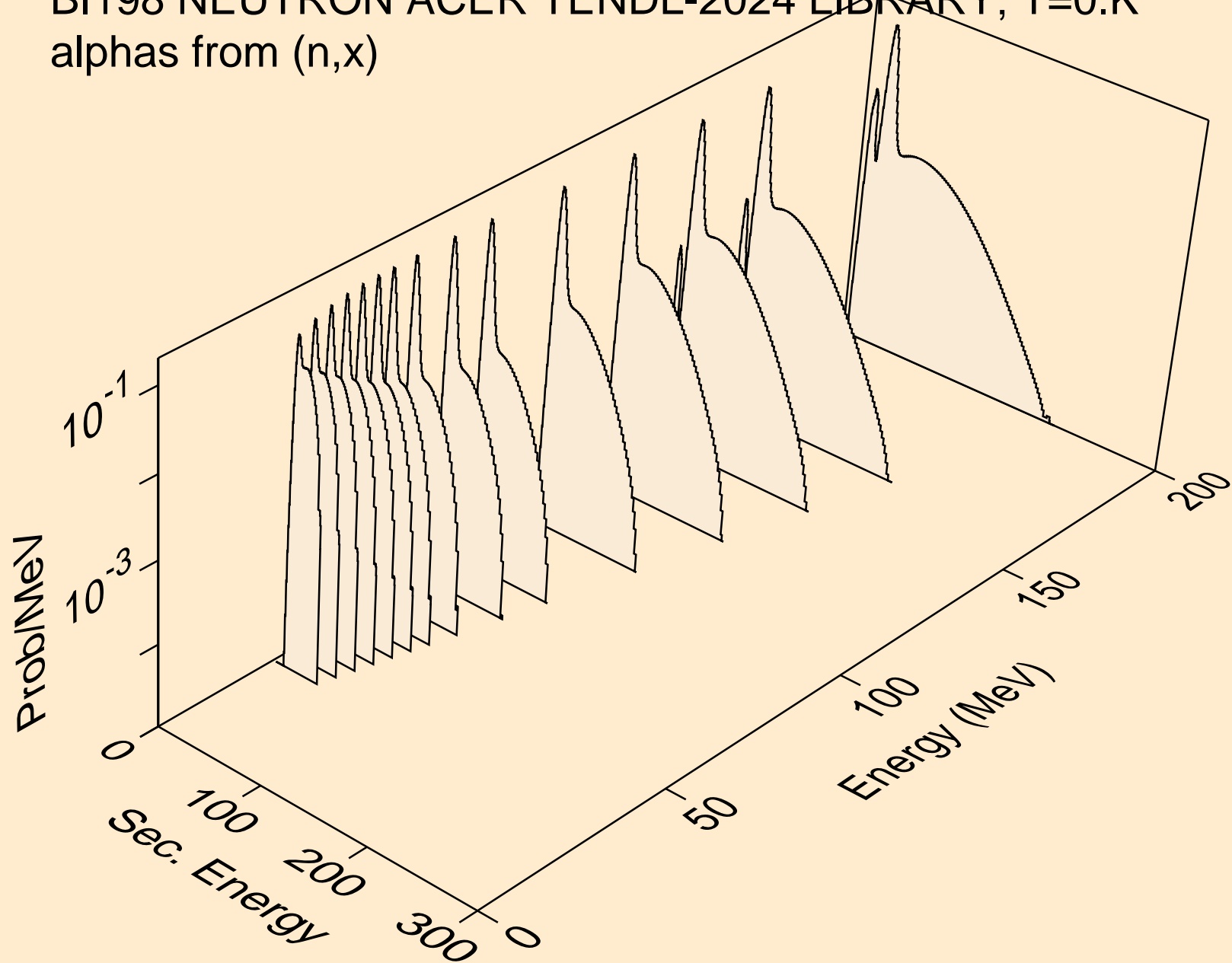
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



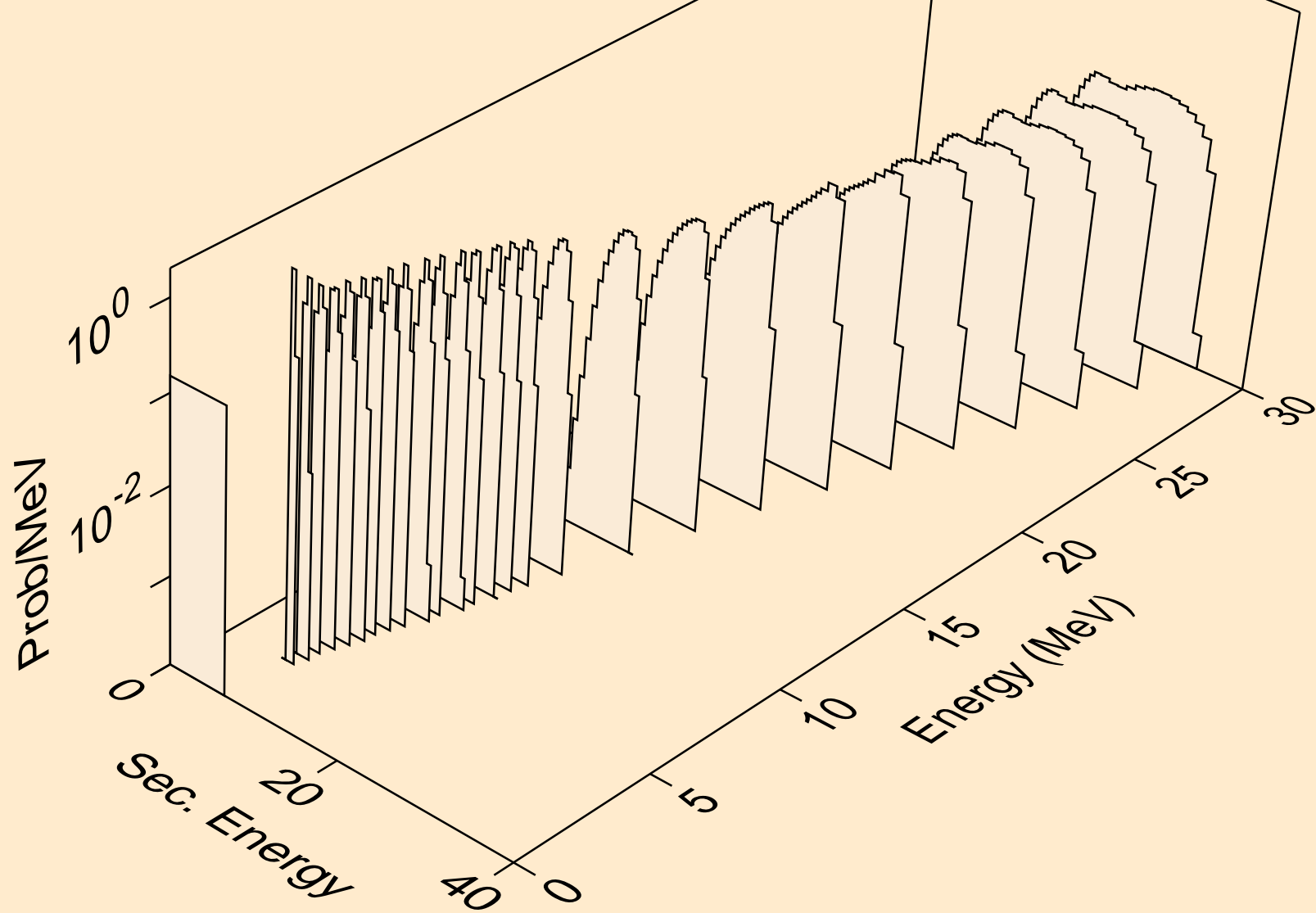
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



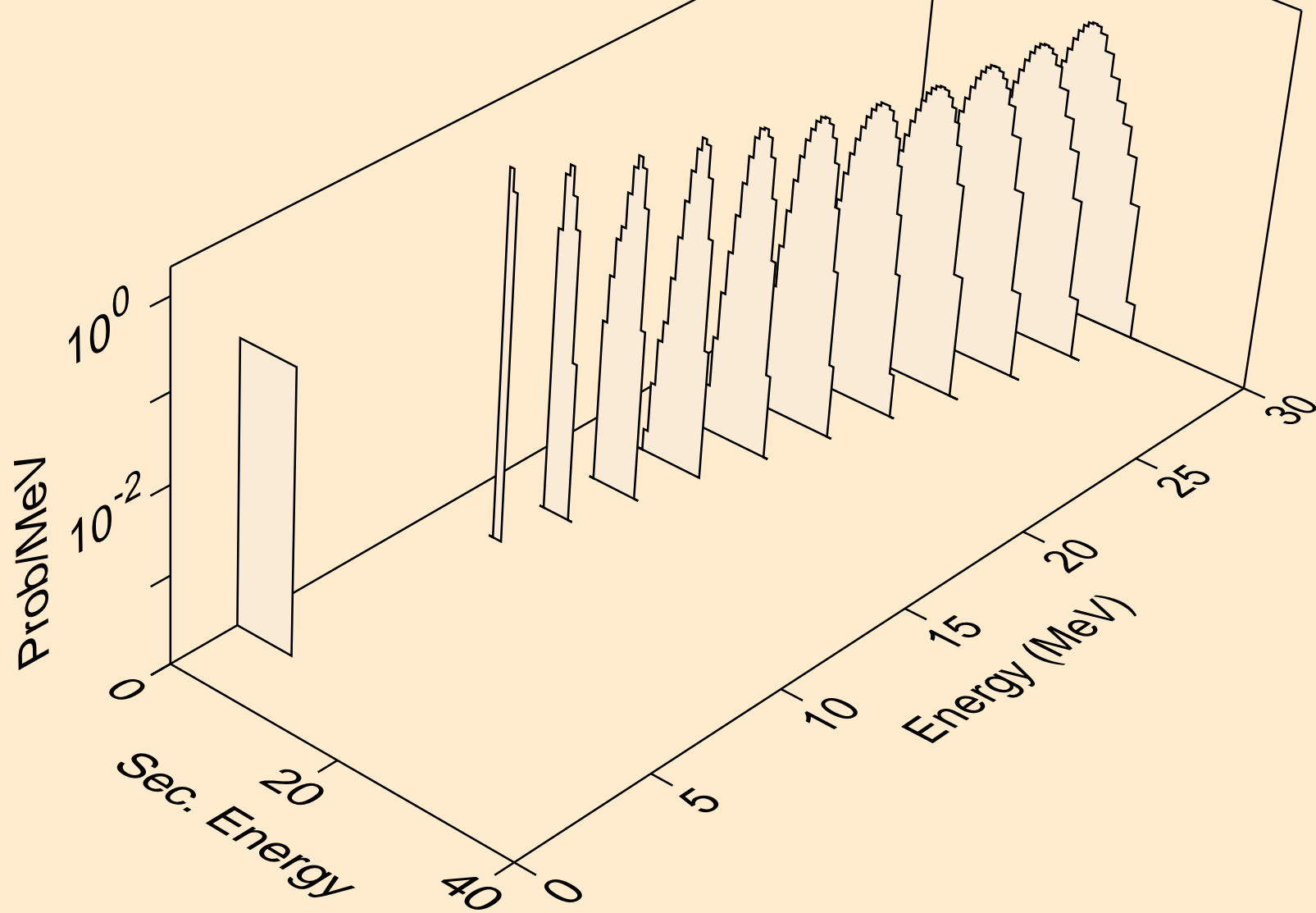
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



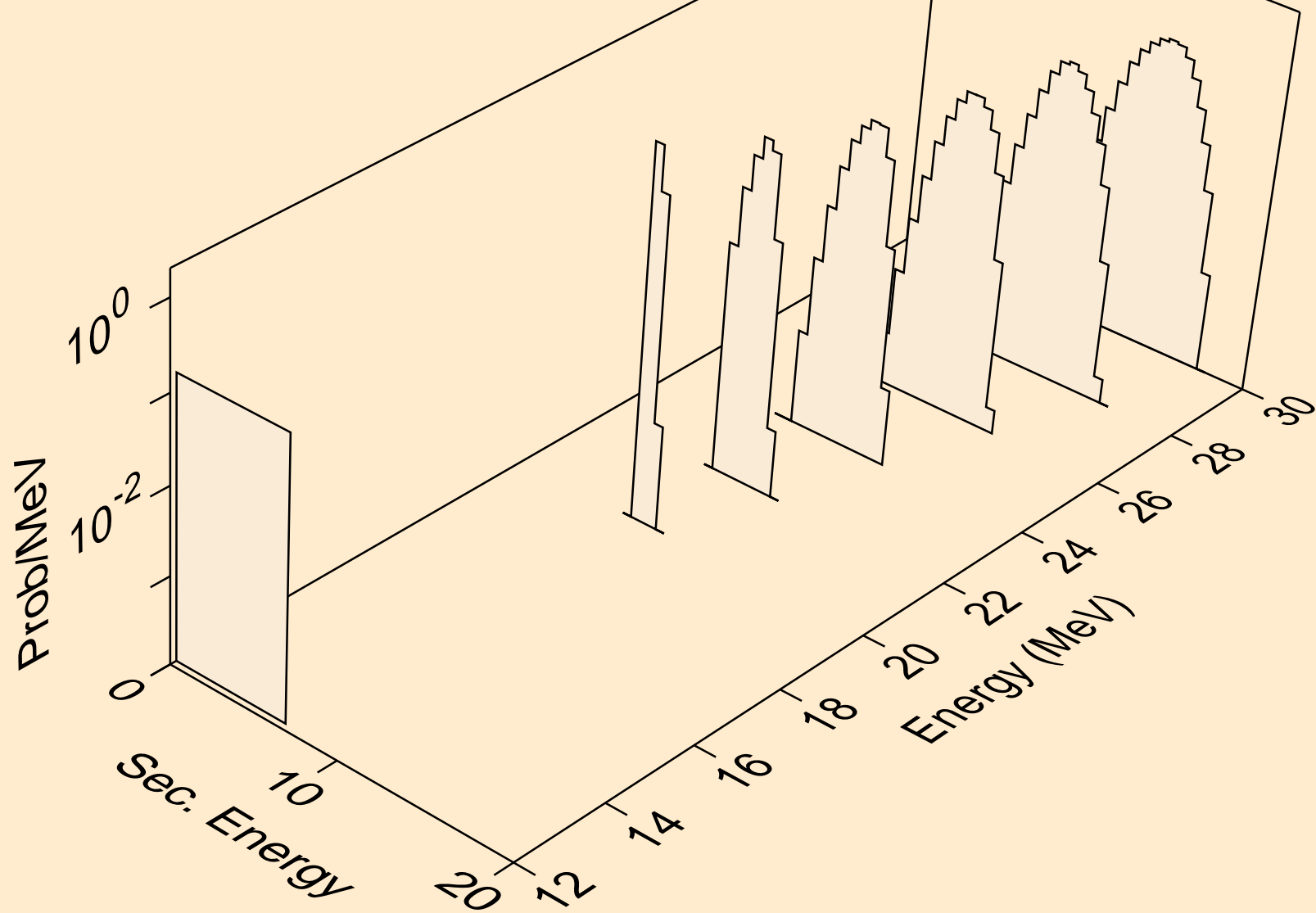
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



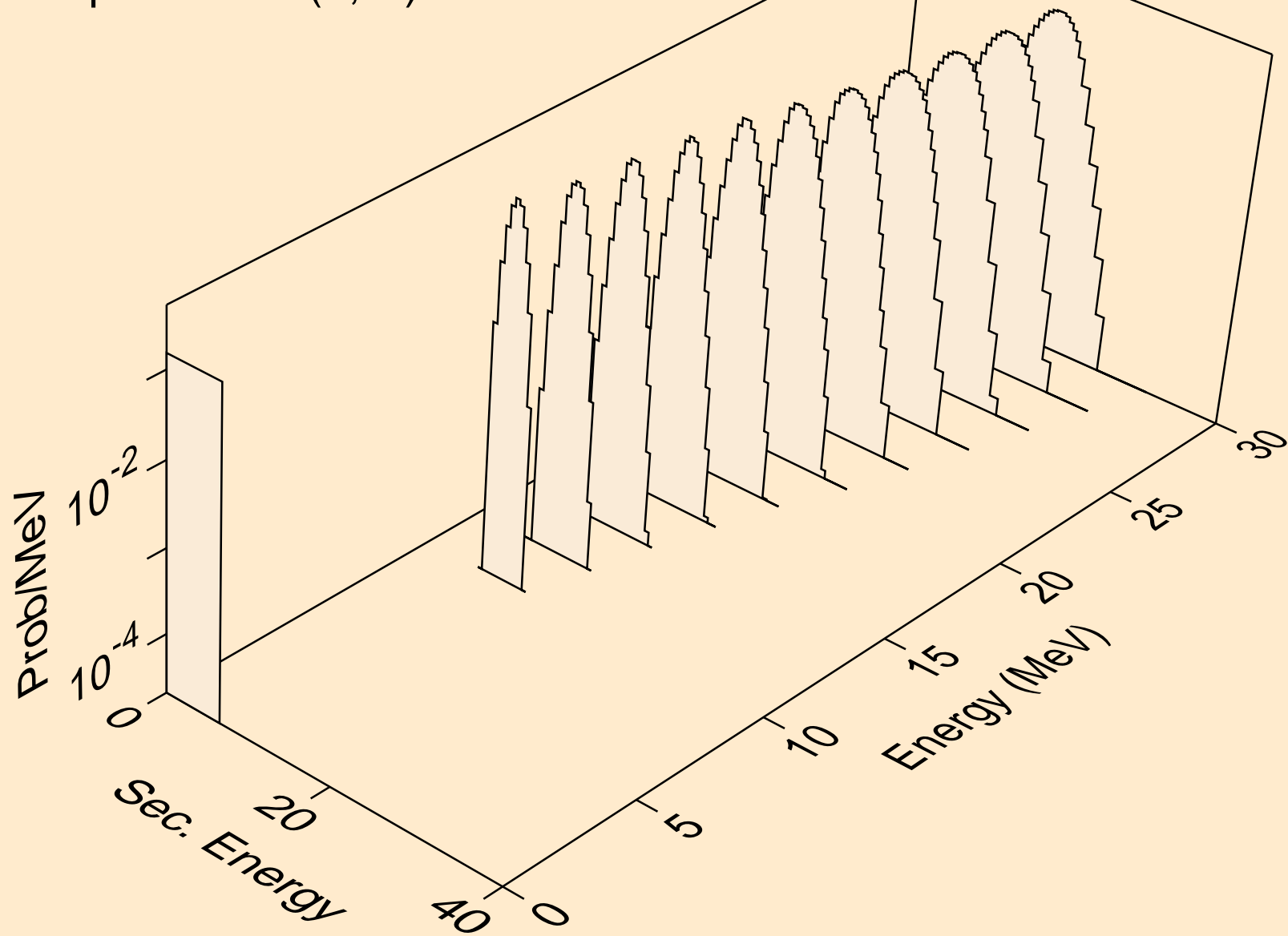
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



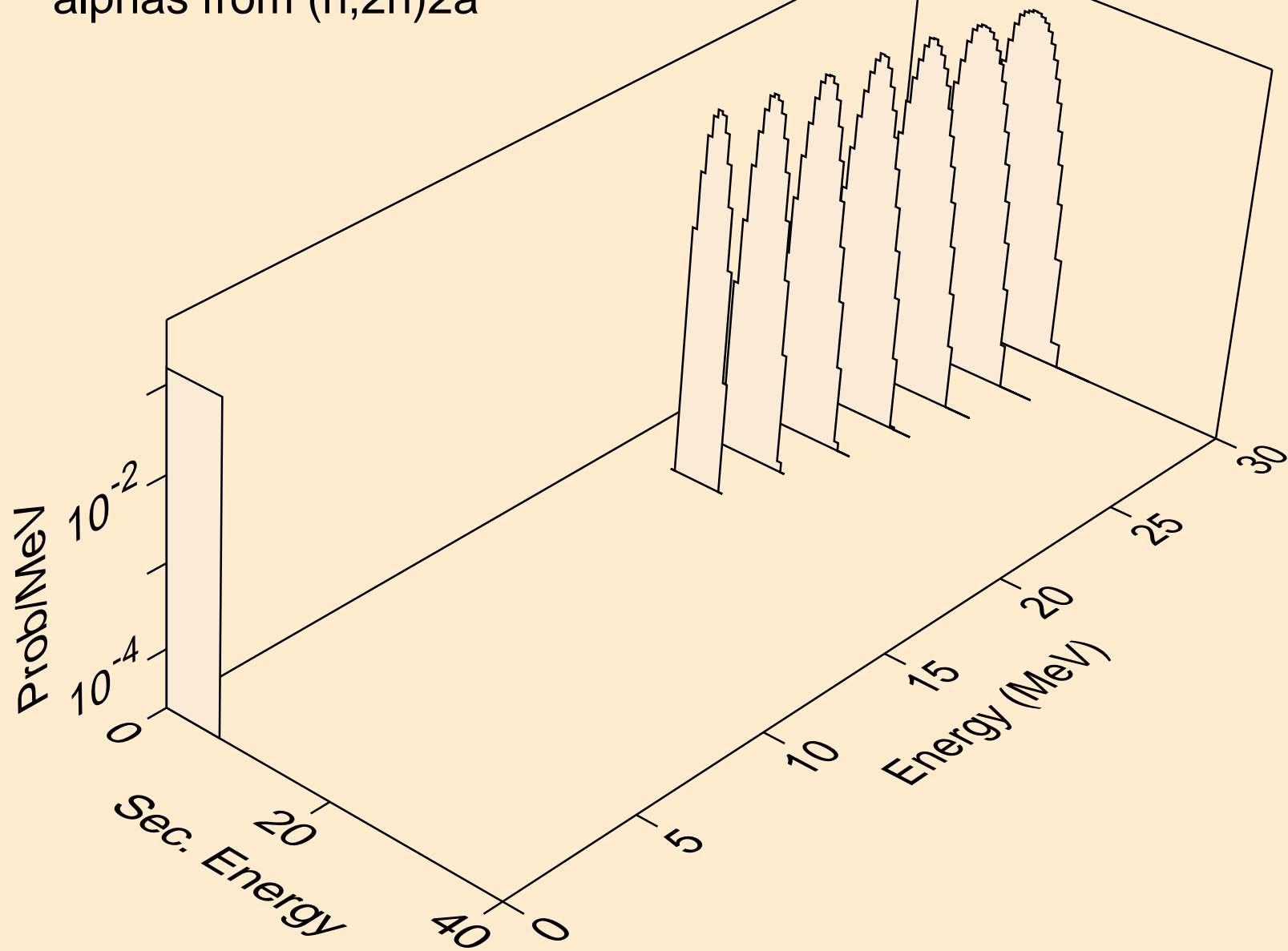
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



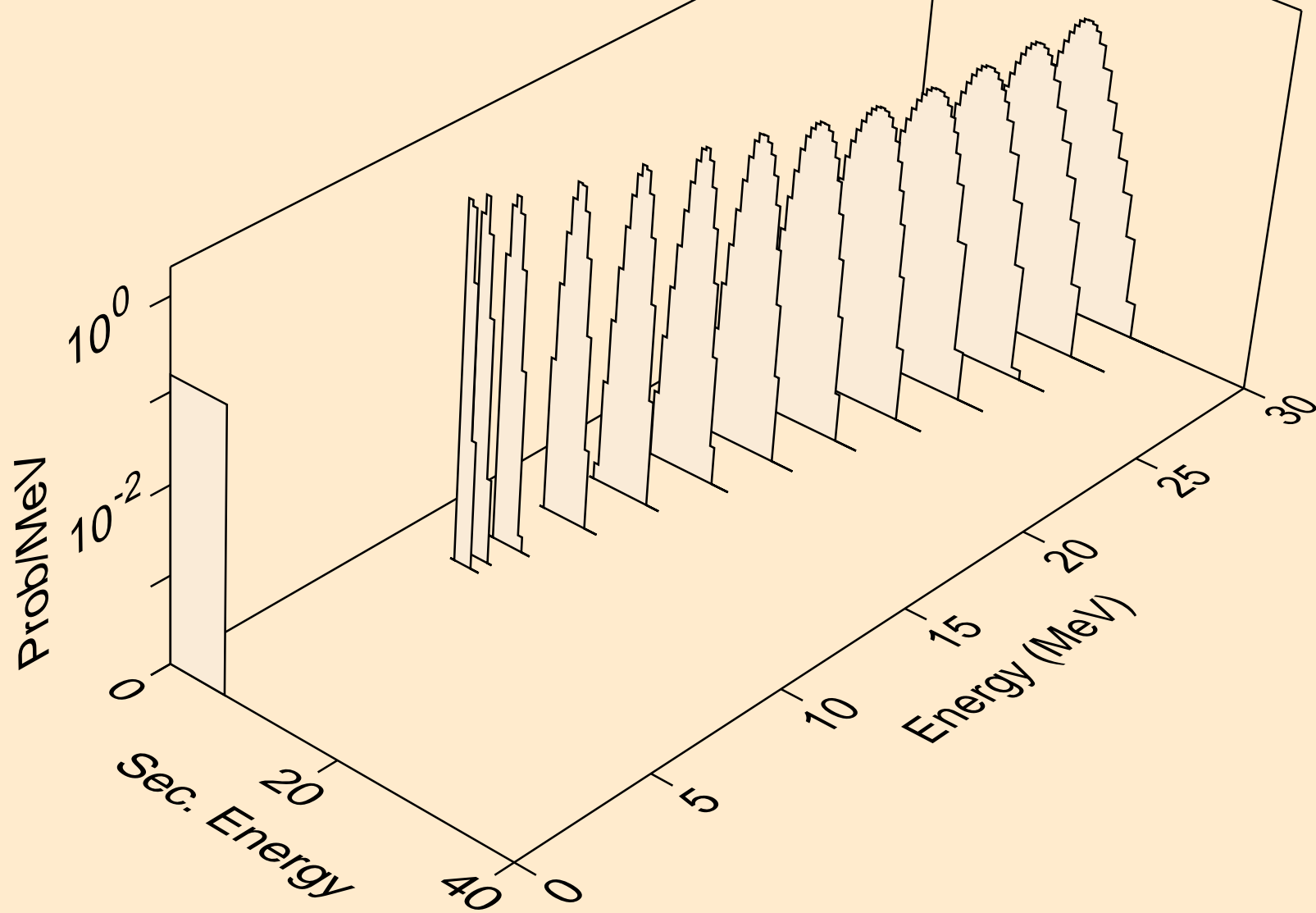
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



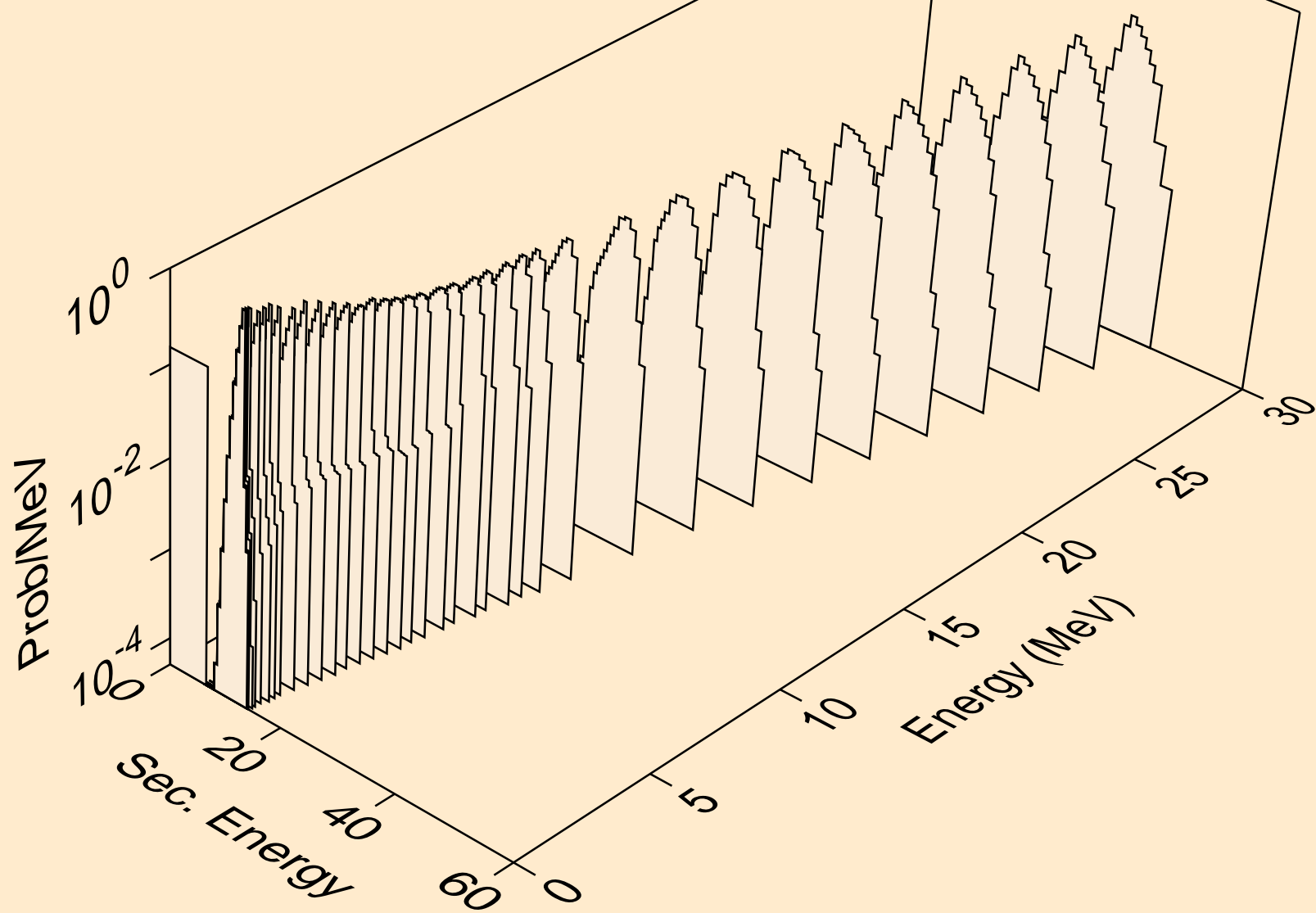
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



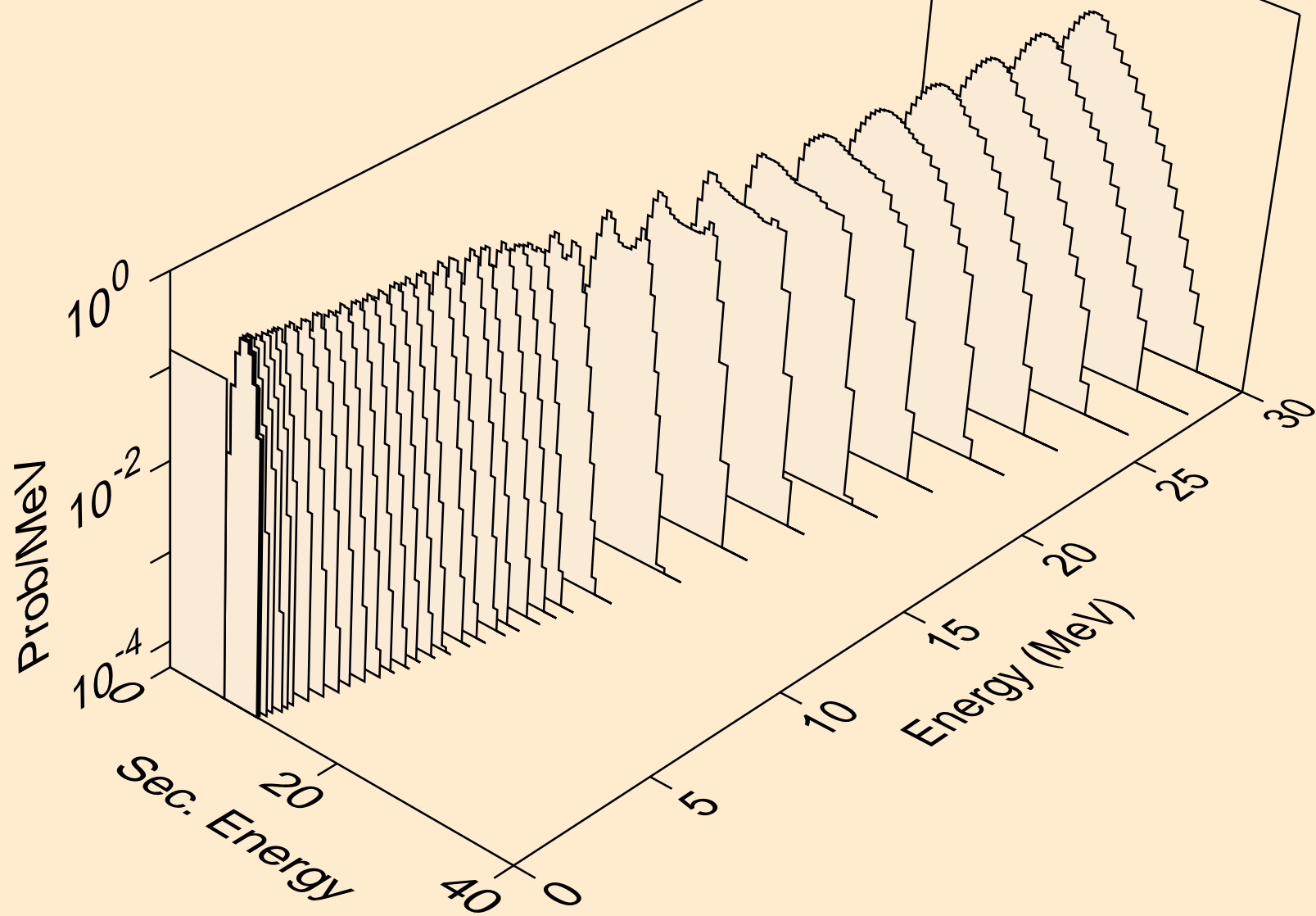
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



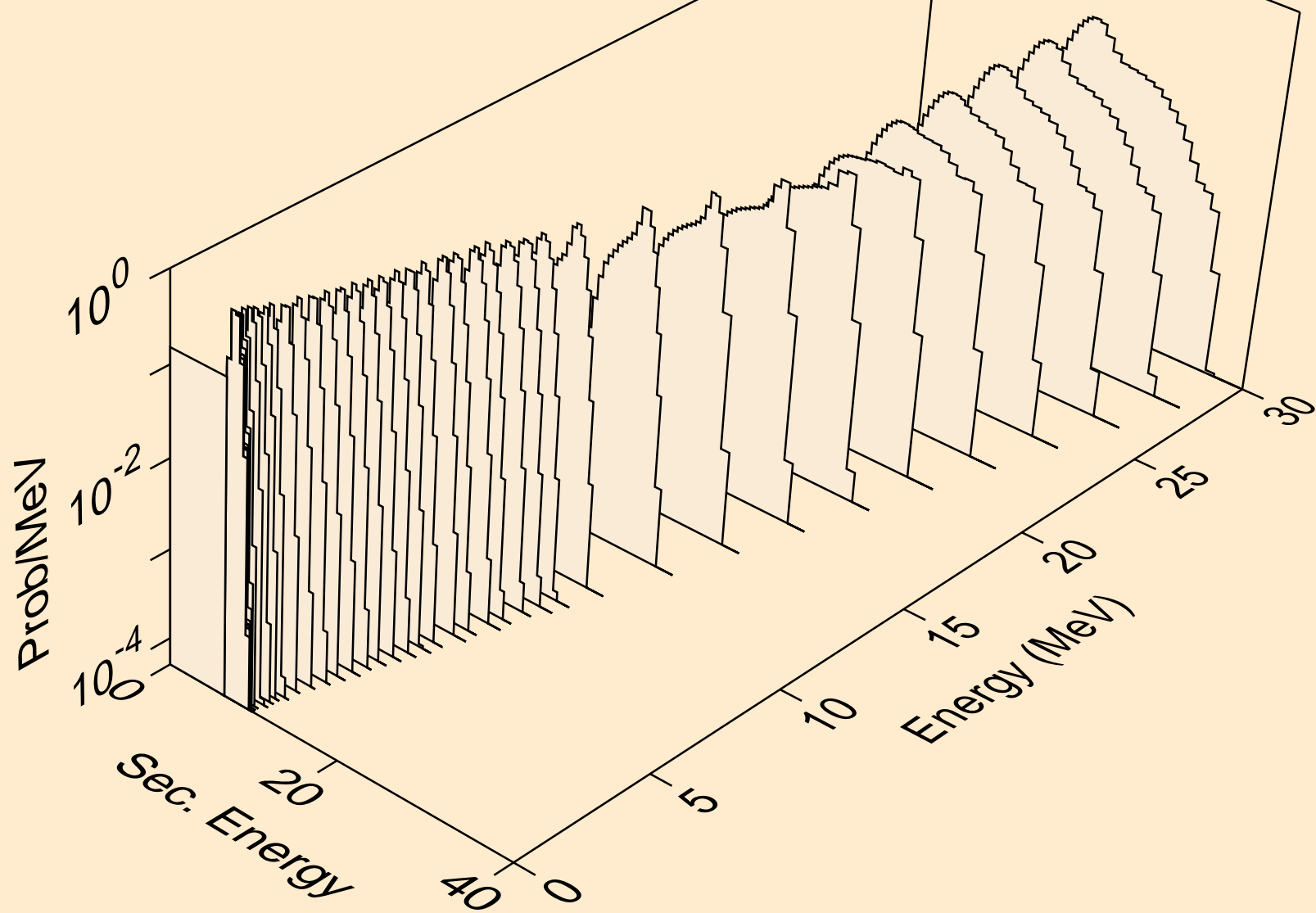
BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



BI198 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

