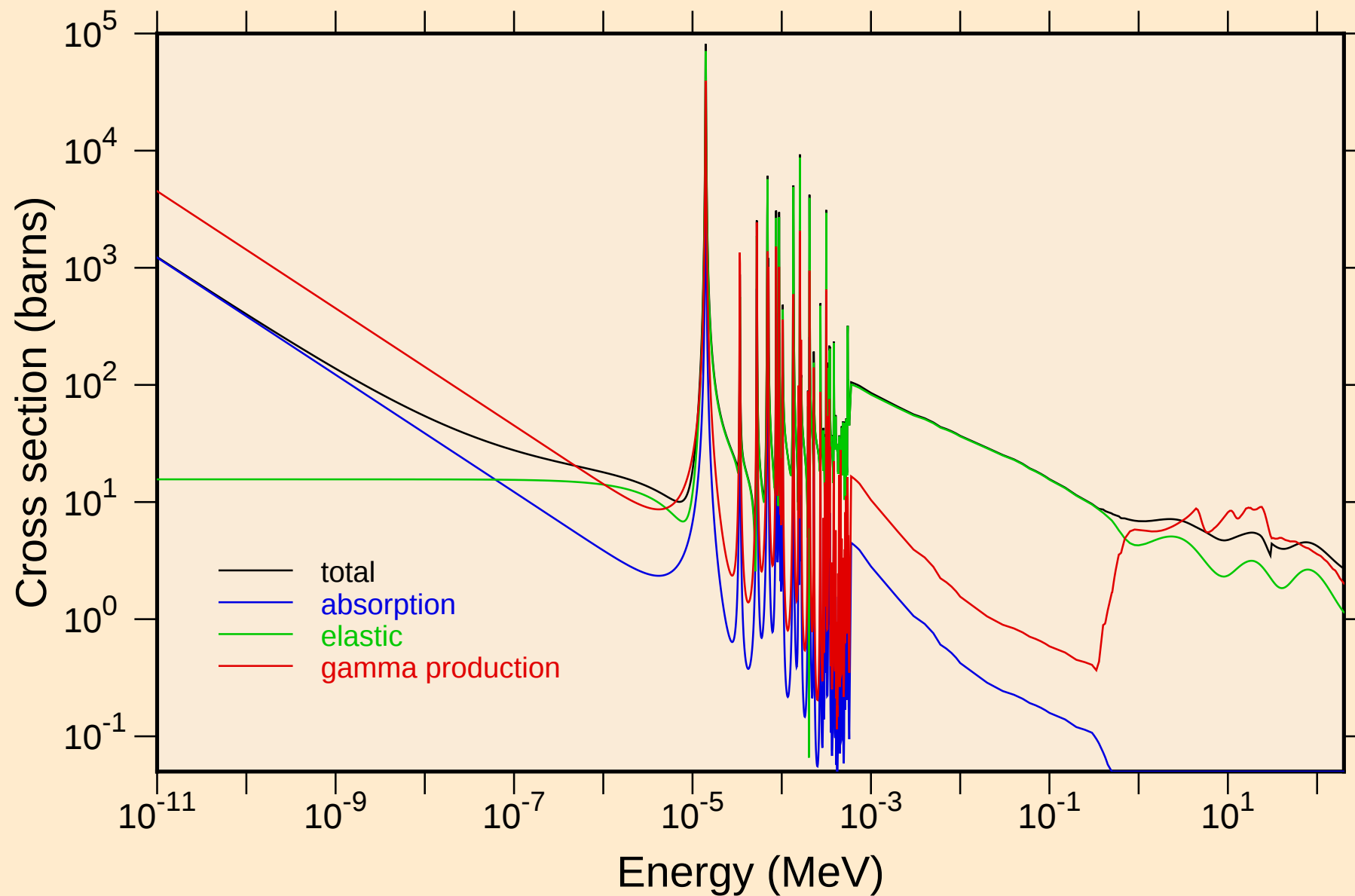
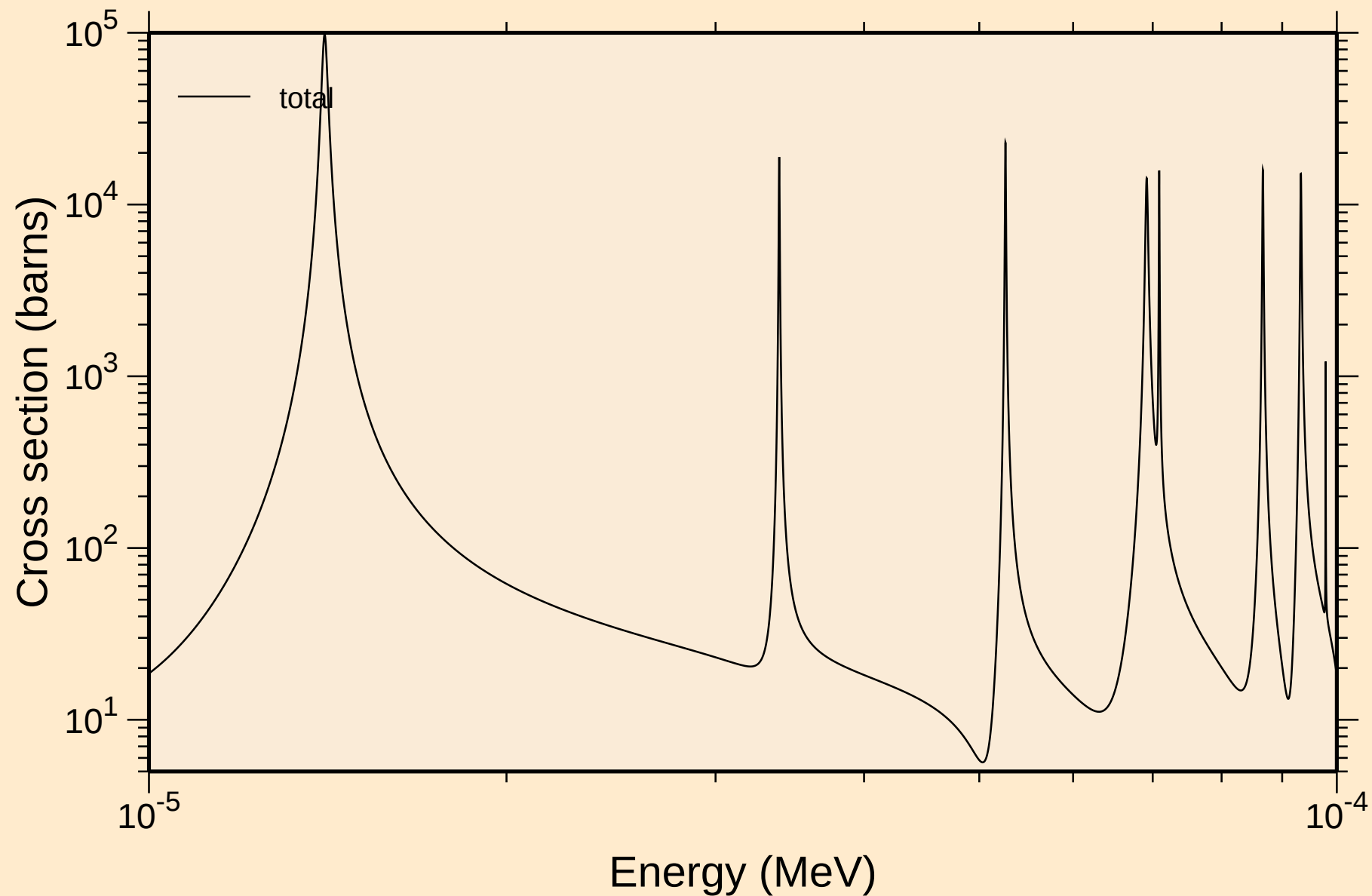


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

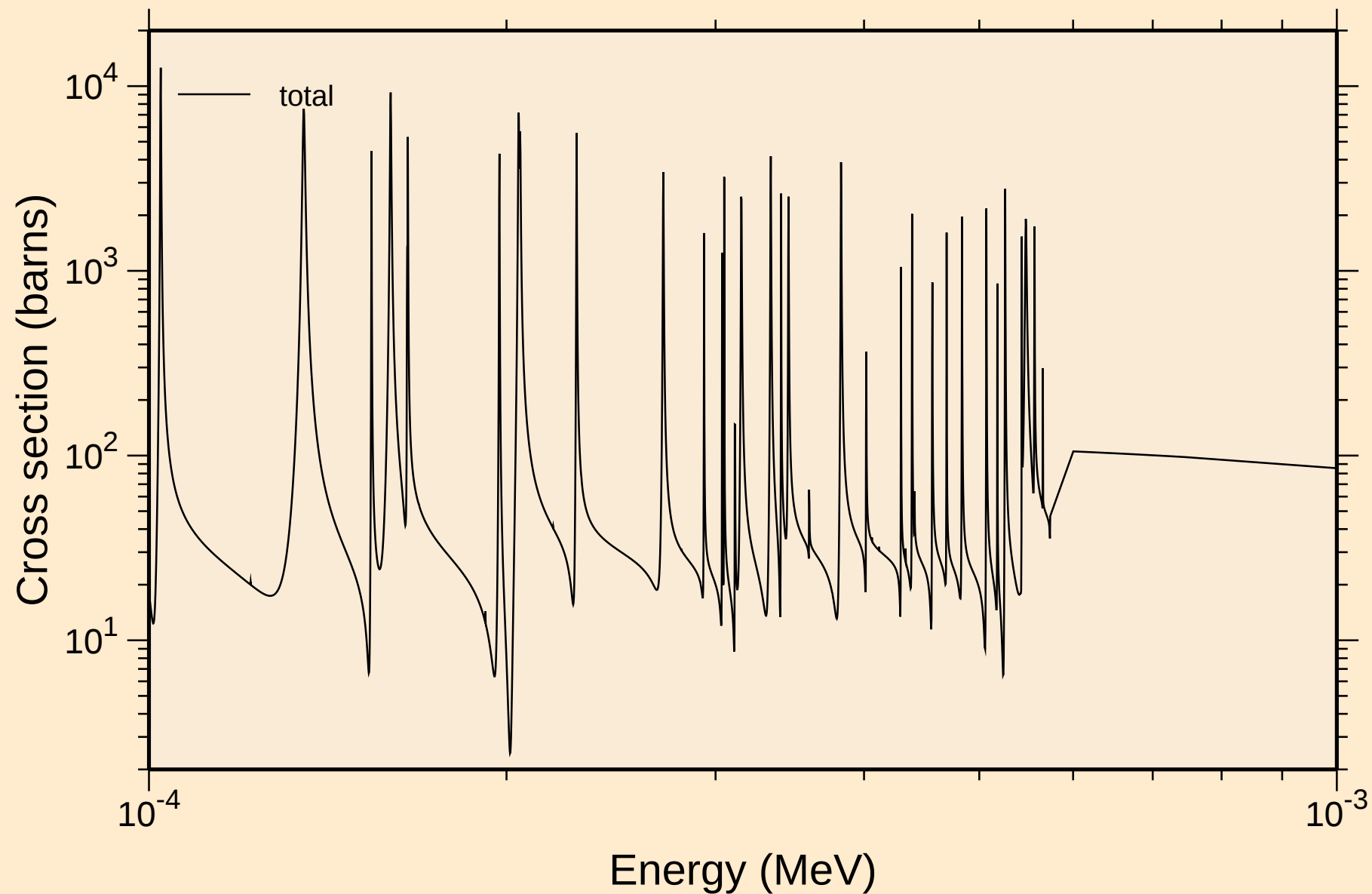
Principal cross sections



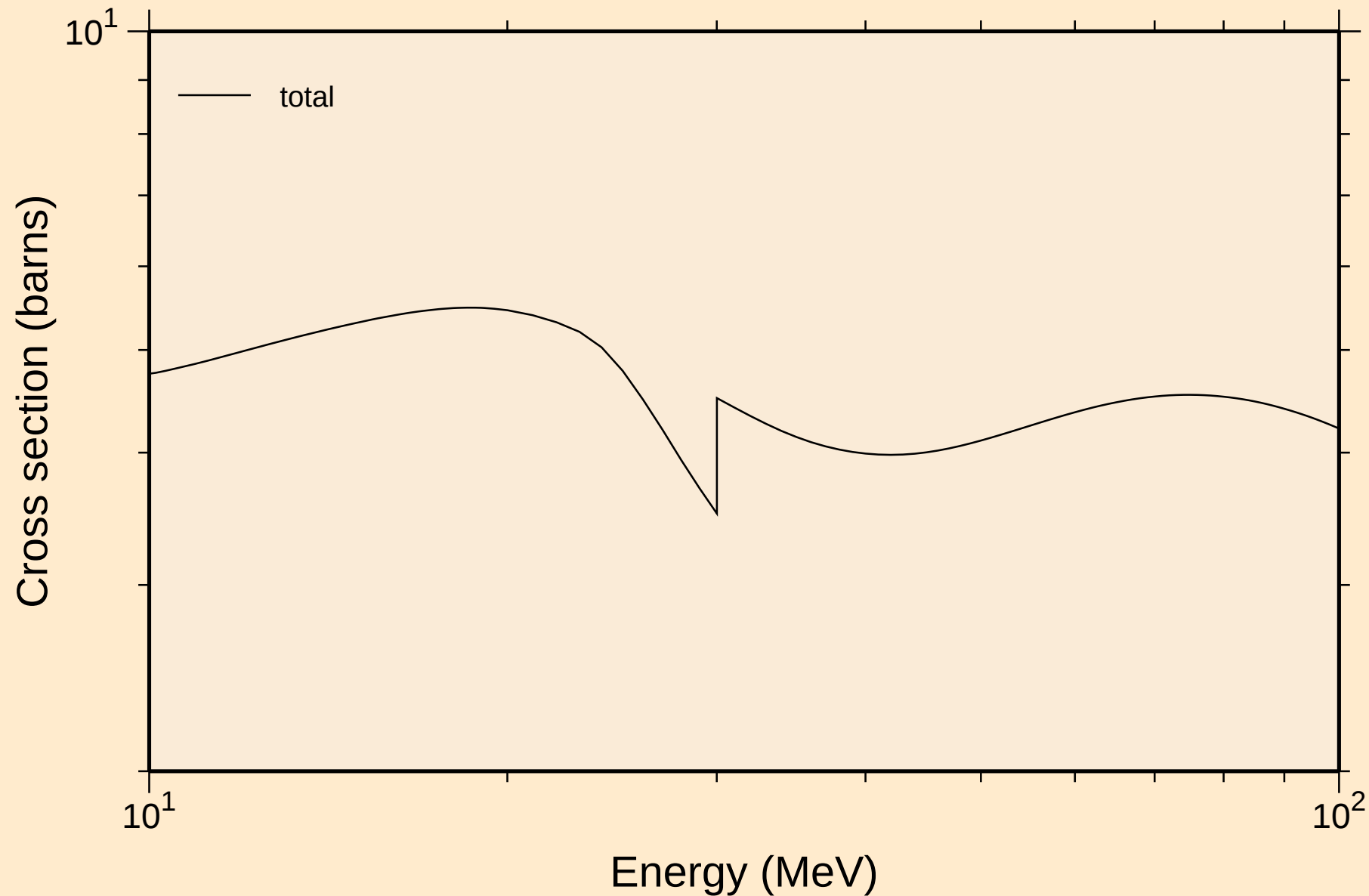
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



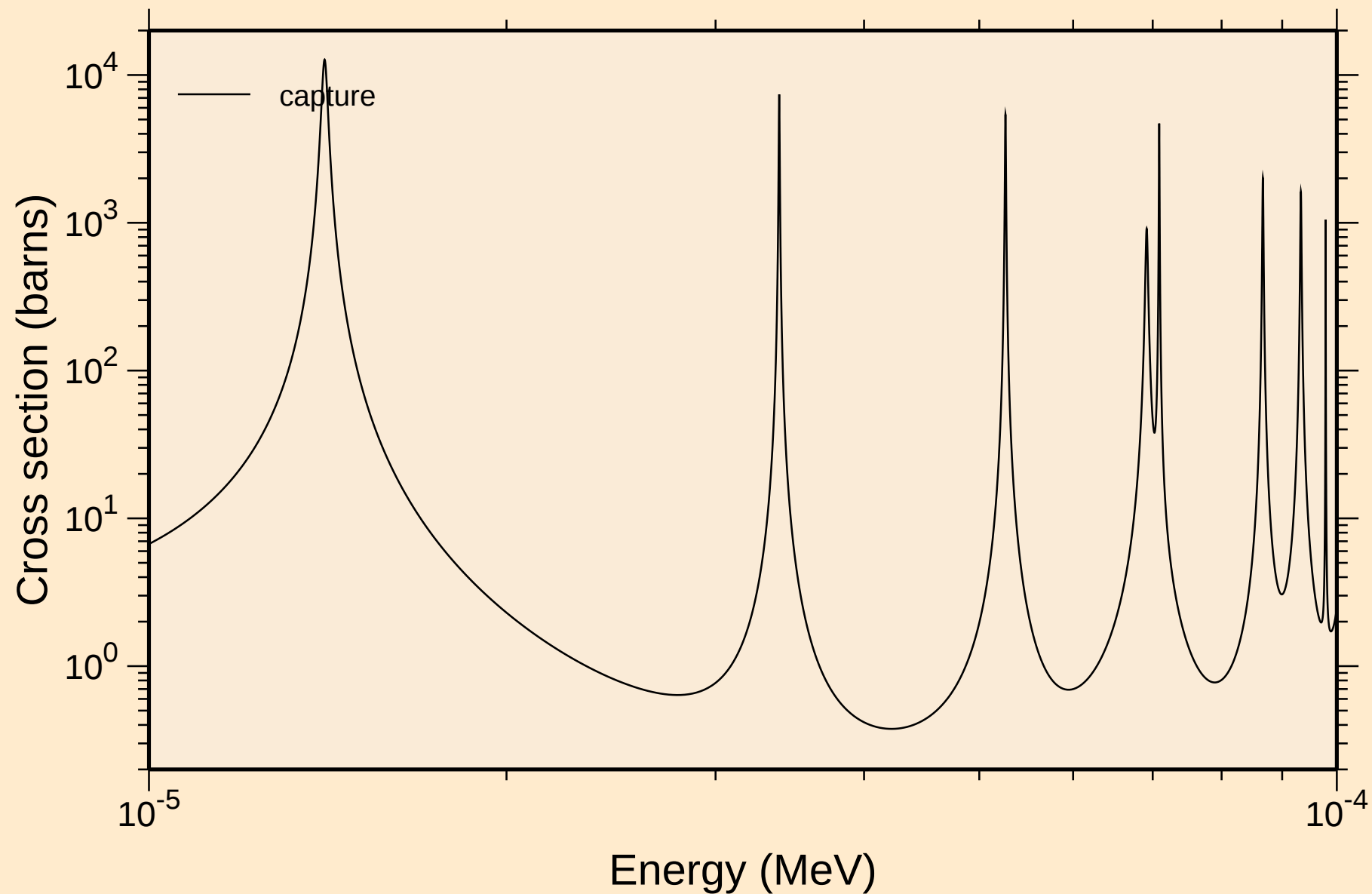
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



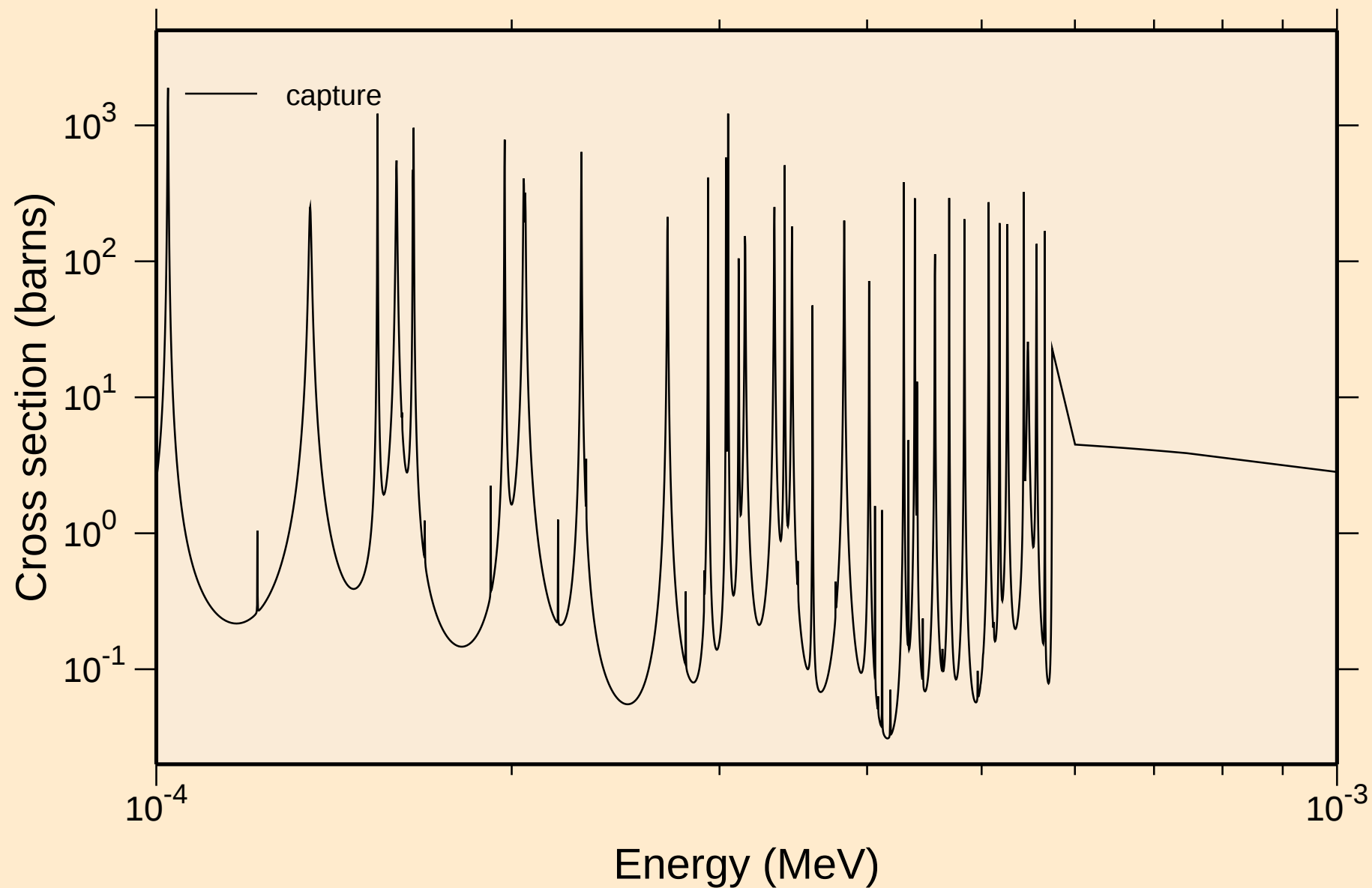
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



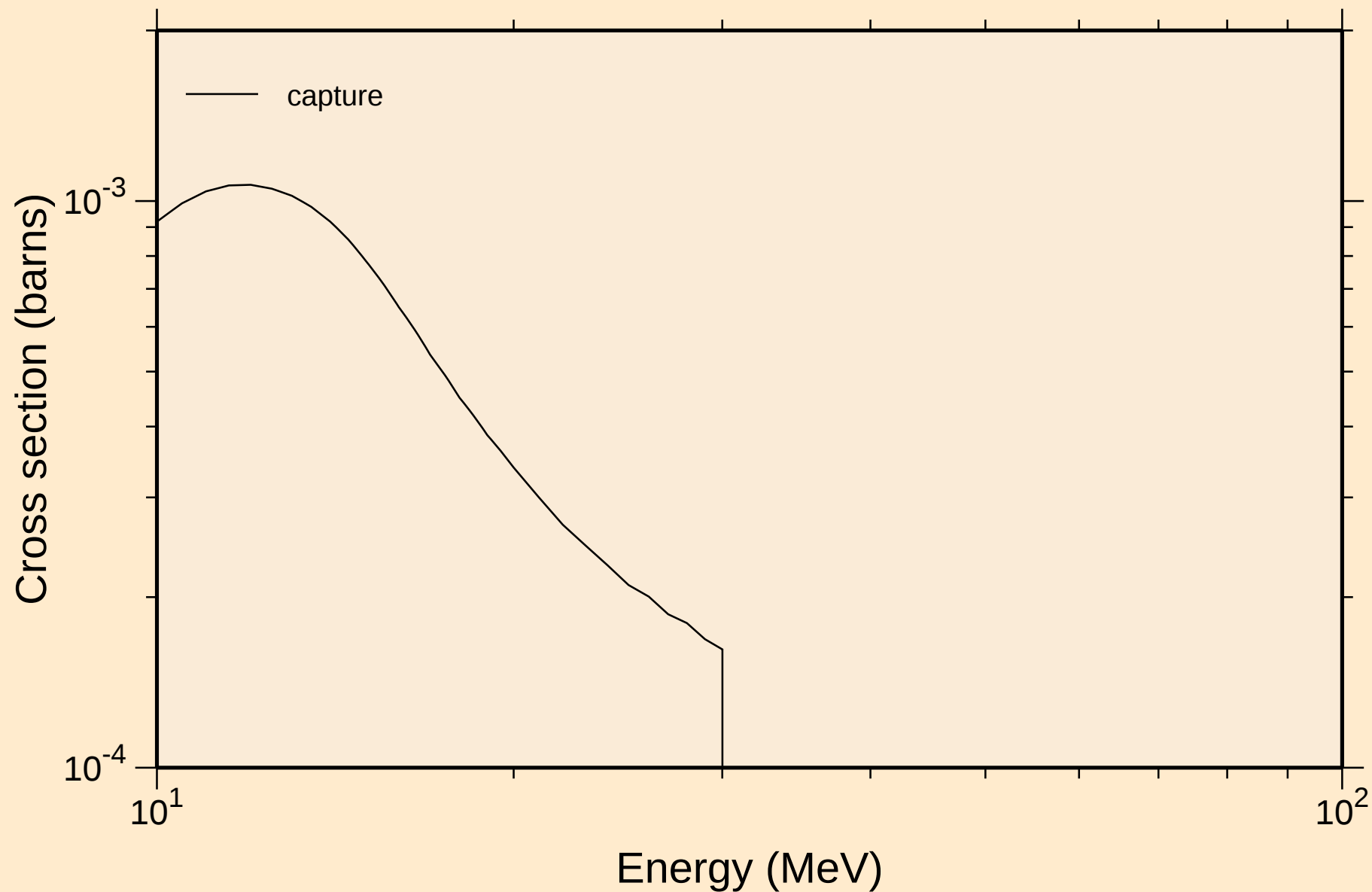
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

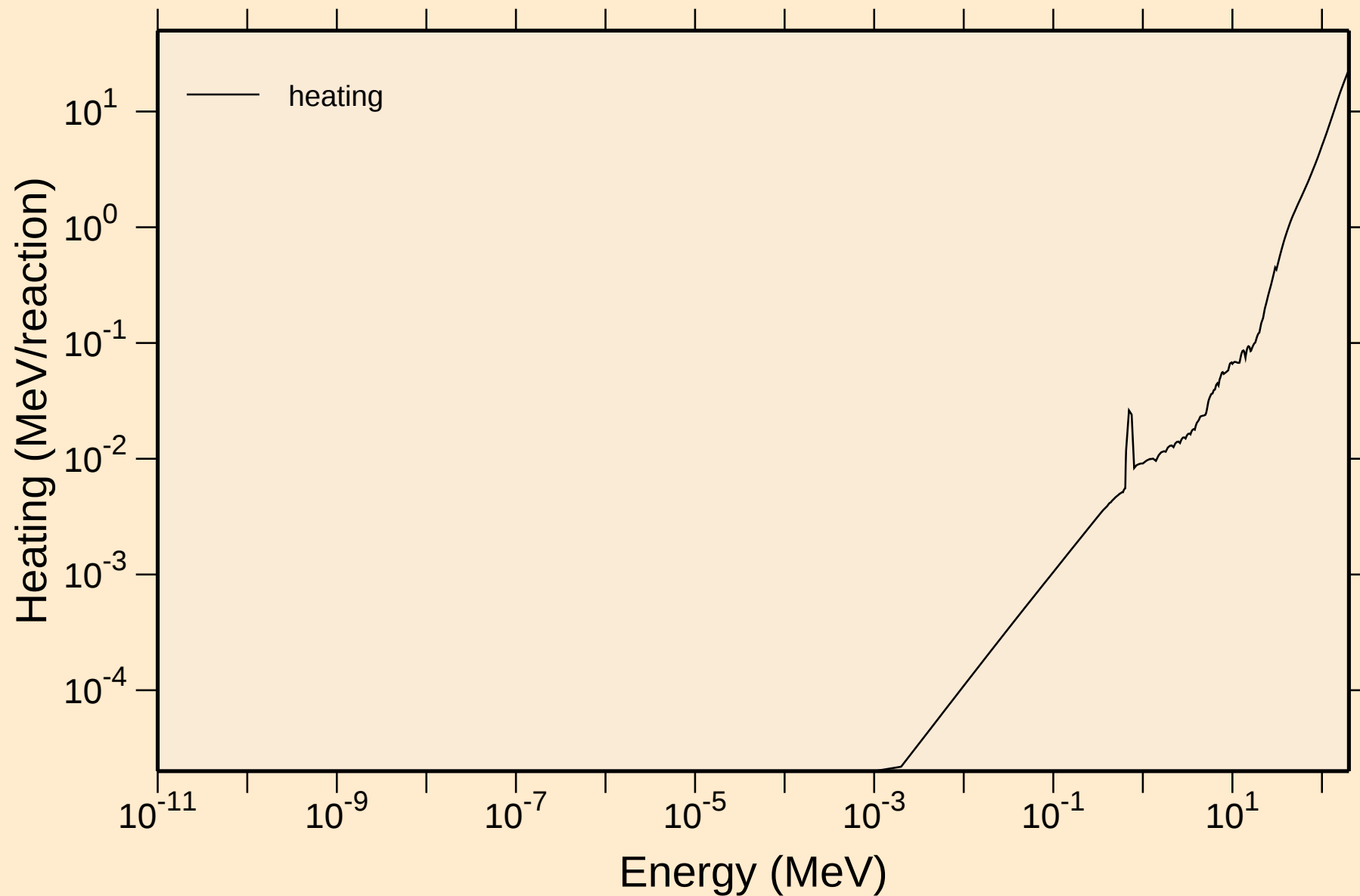


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



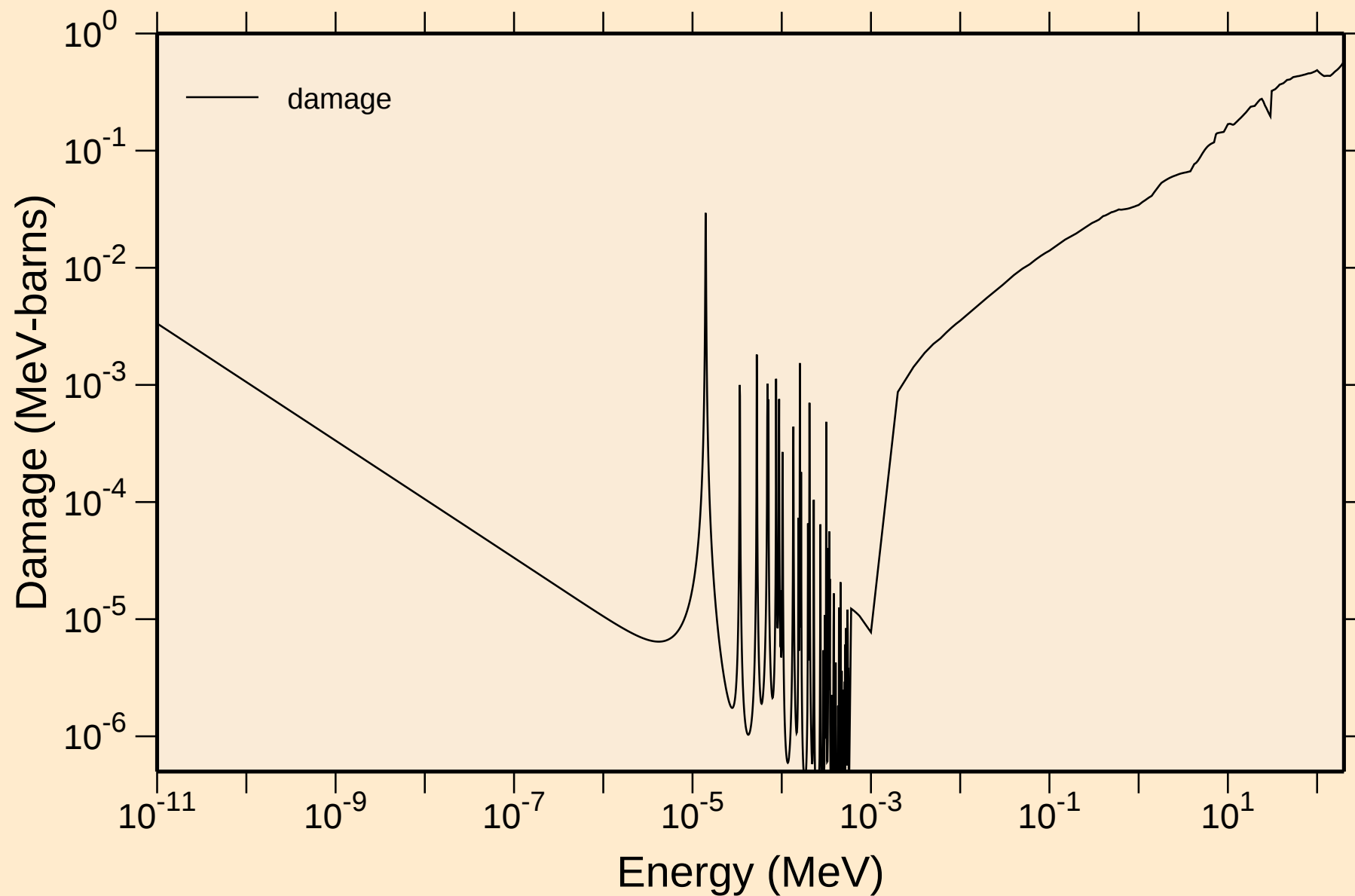
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

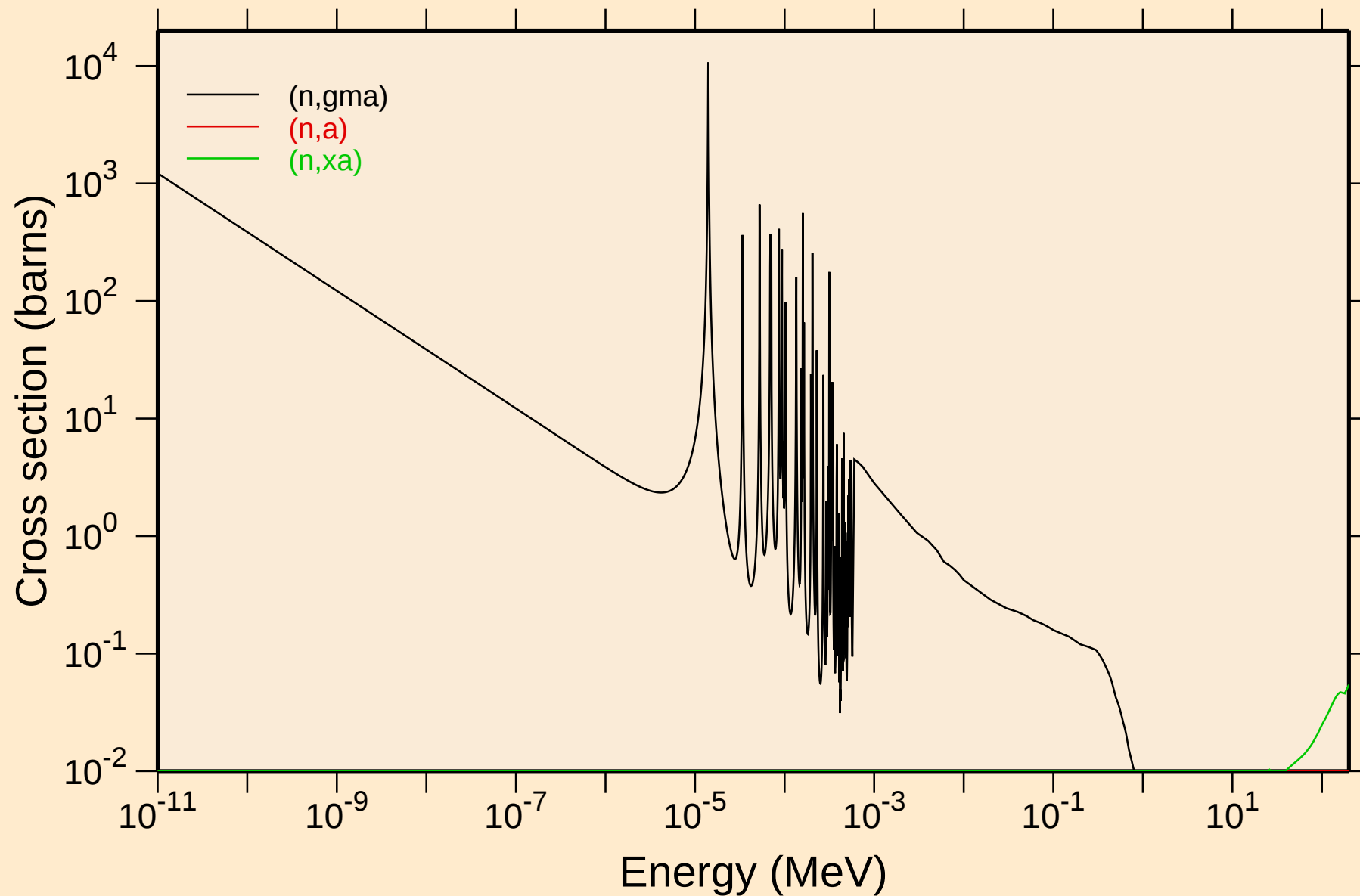


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

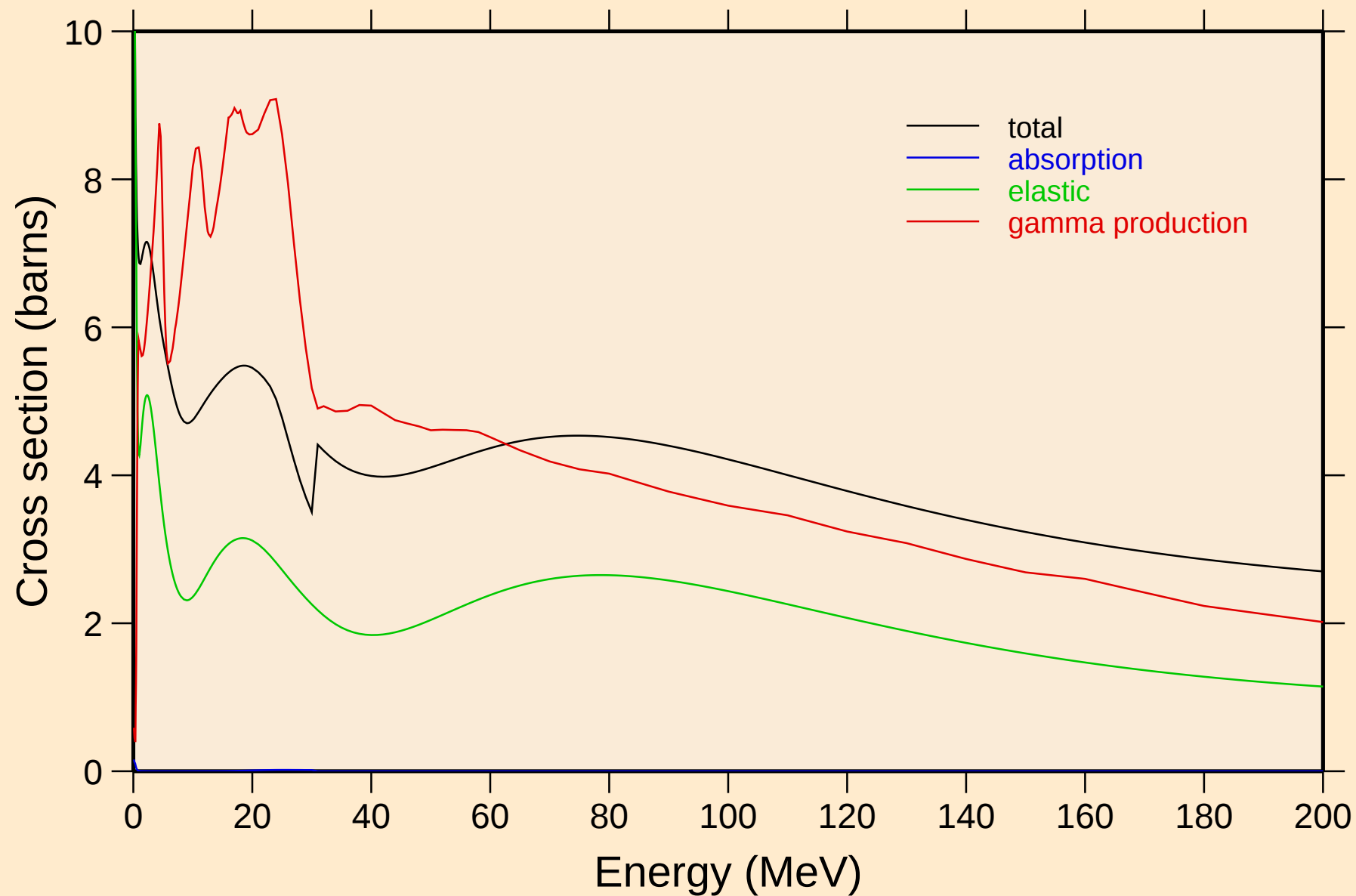


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



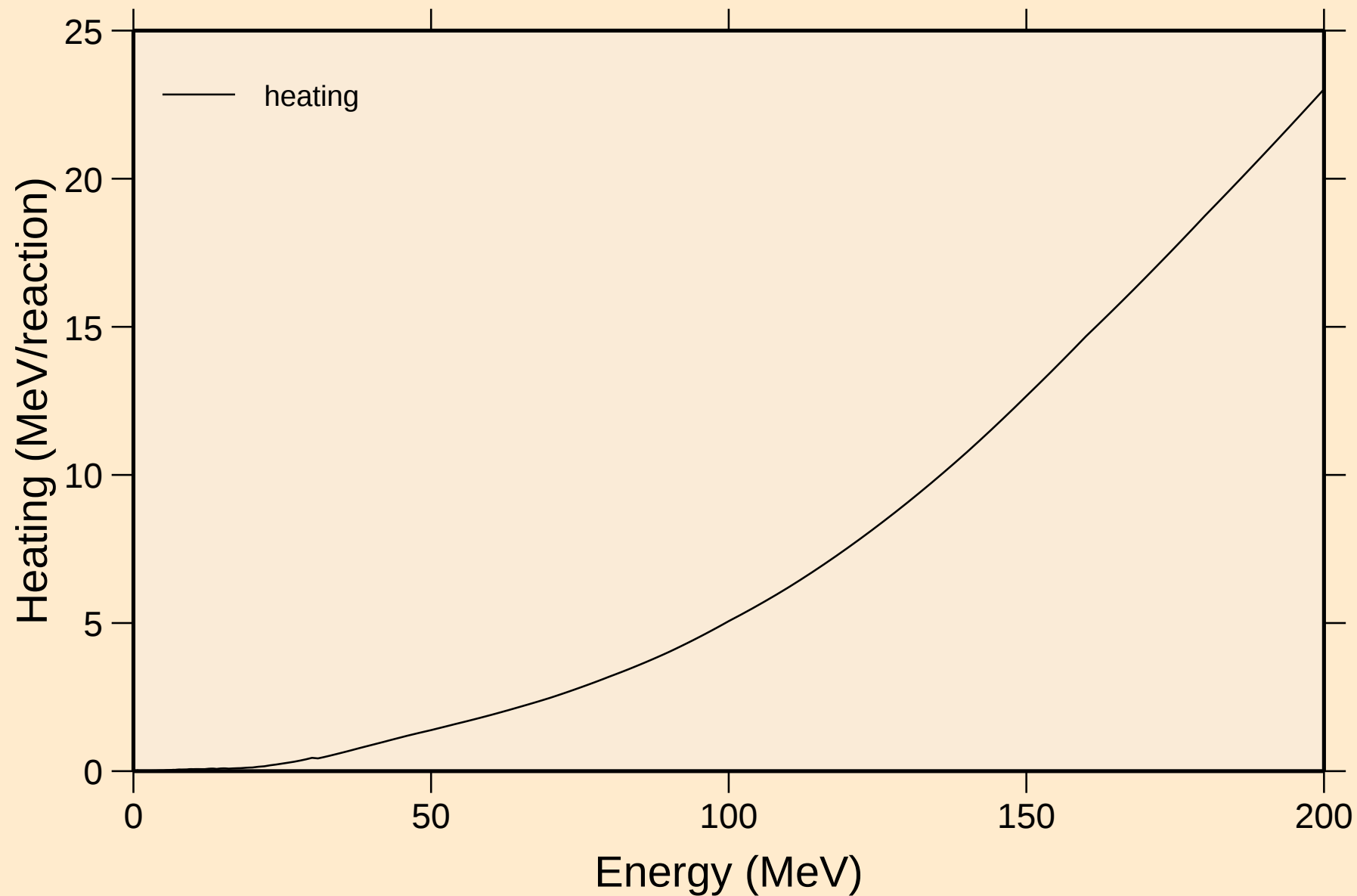
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

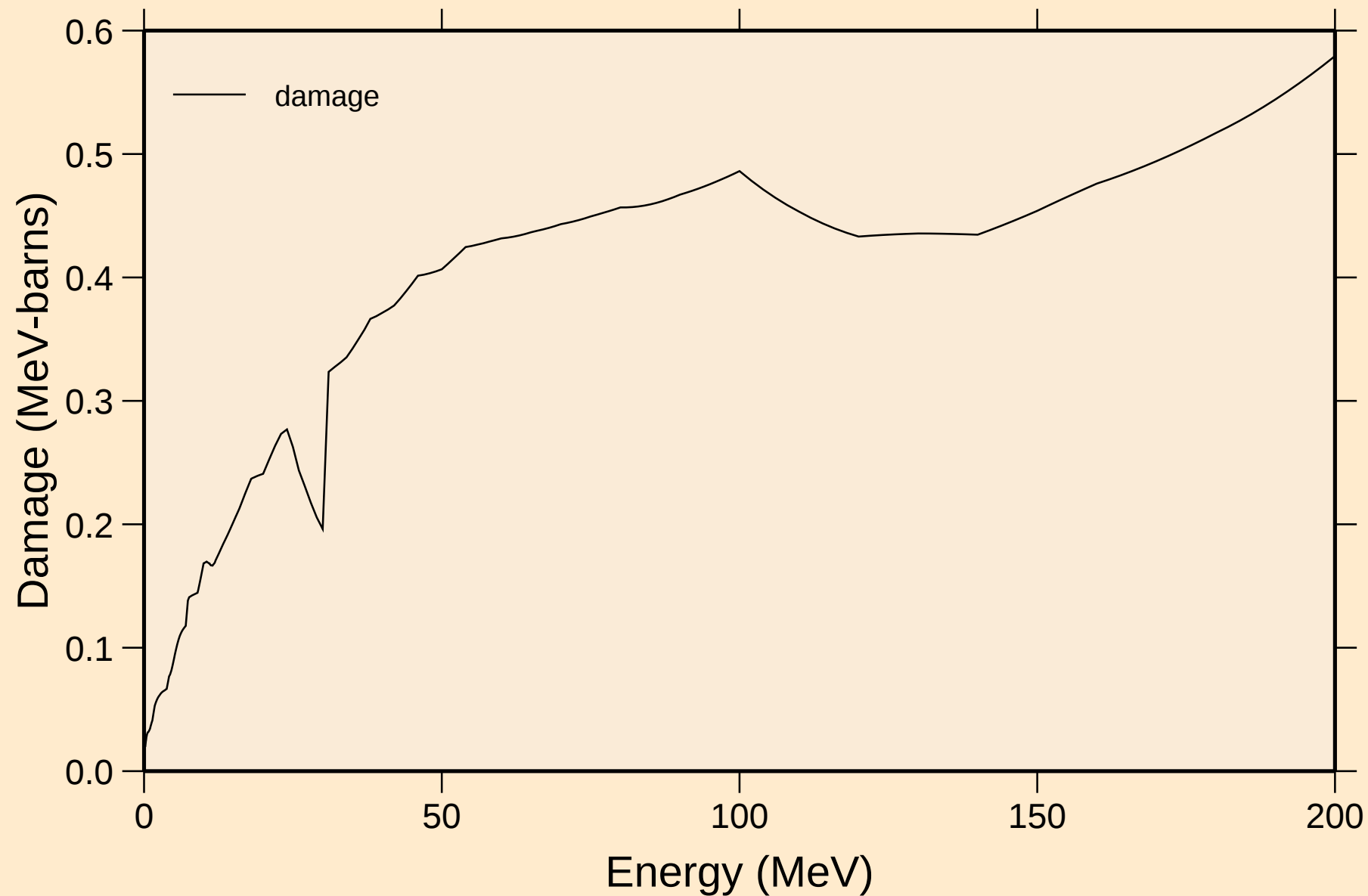


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

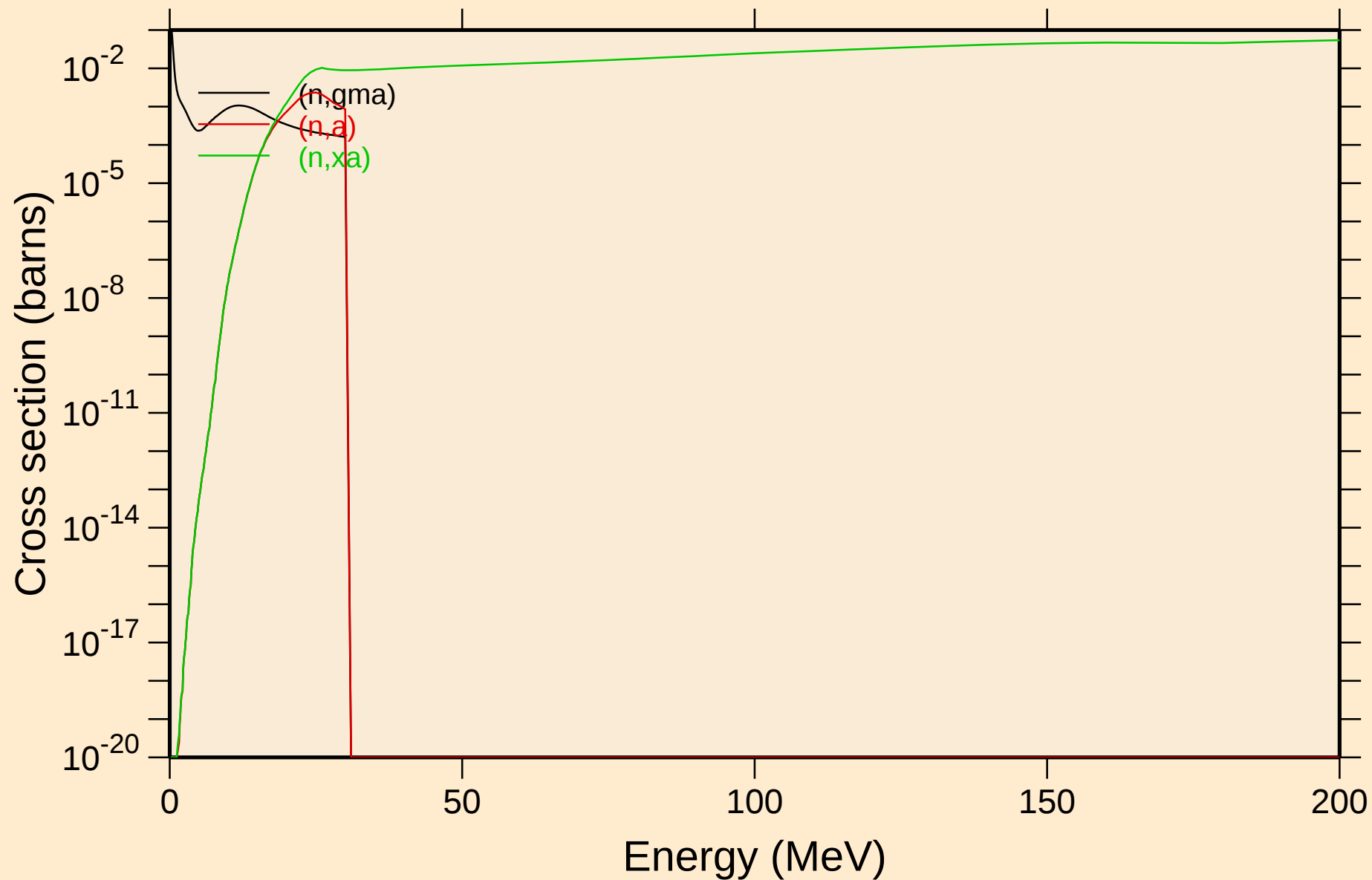
Heating



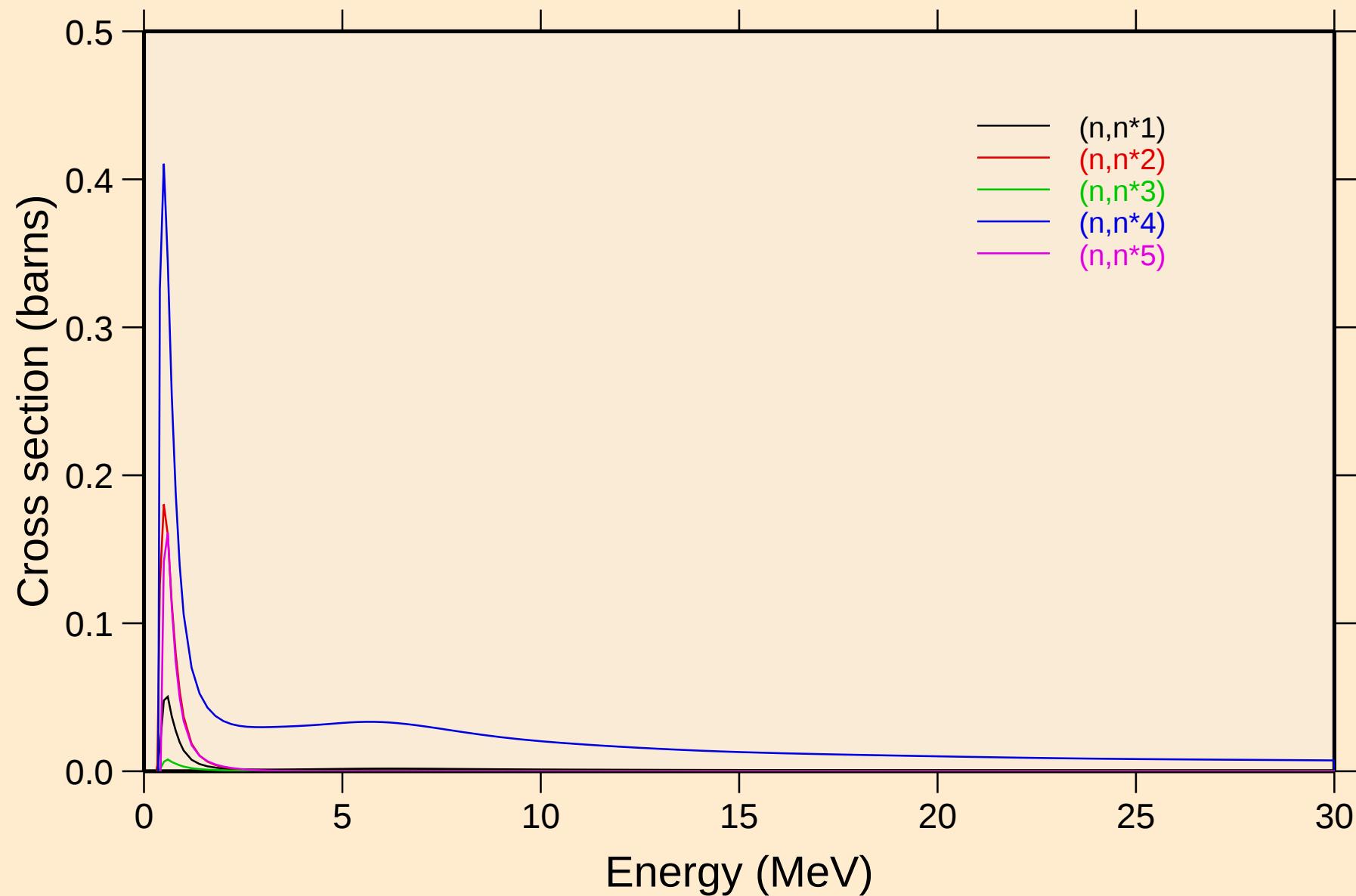
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Damage



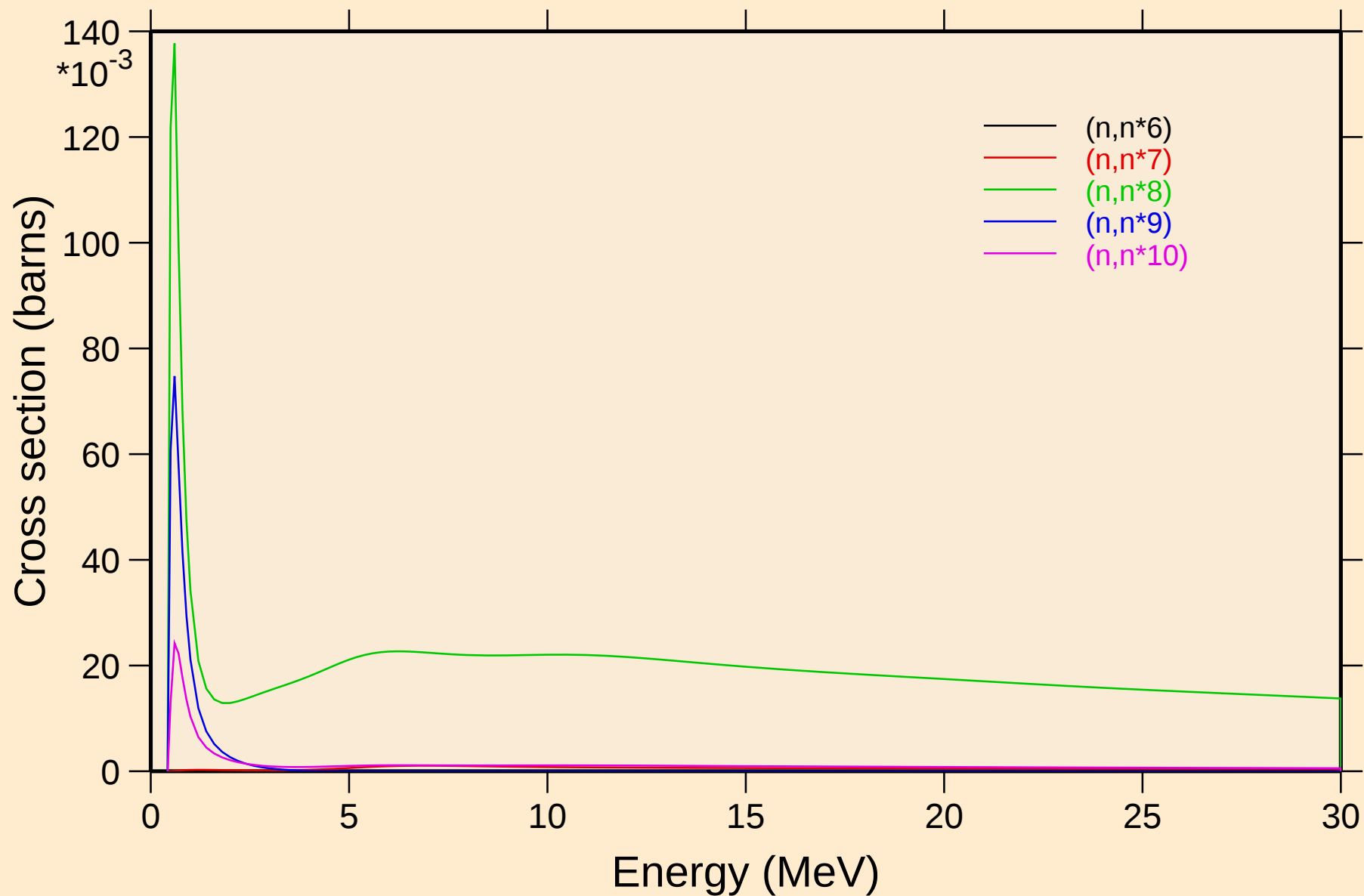
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Non-threshold reactions



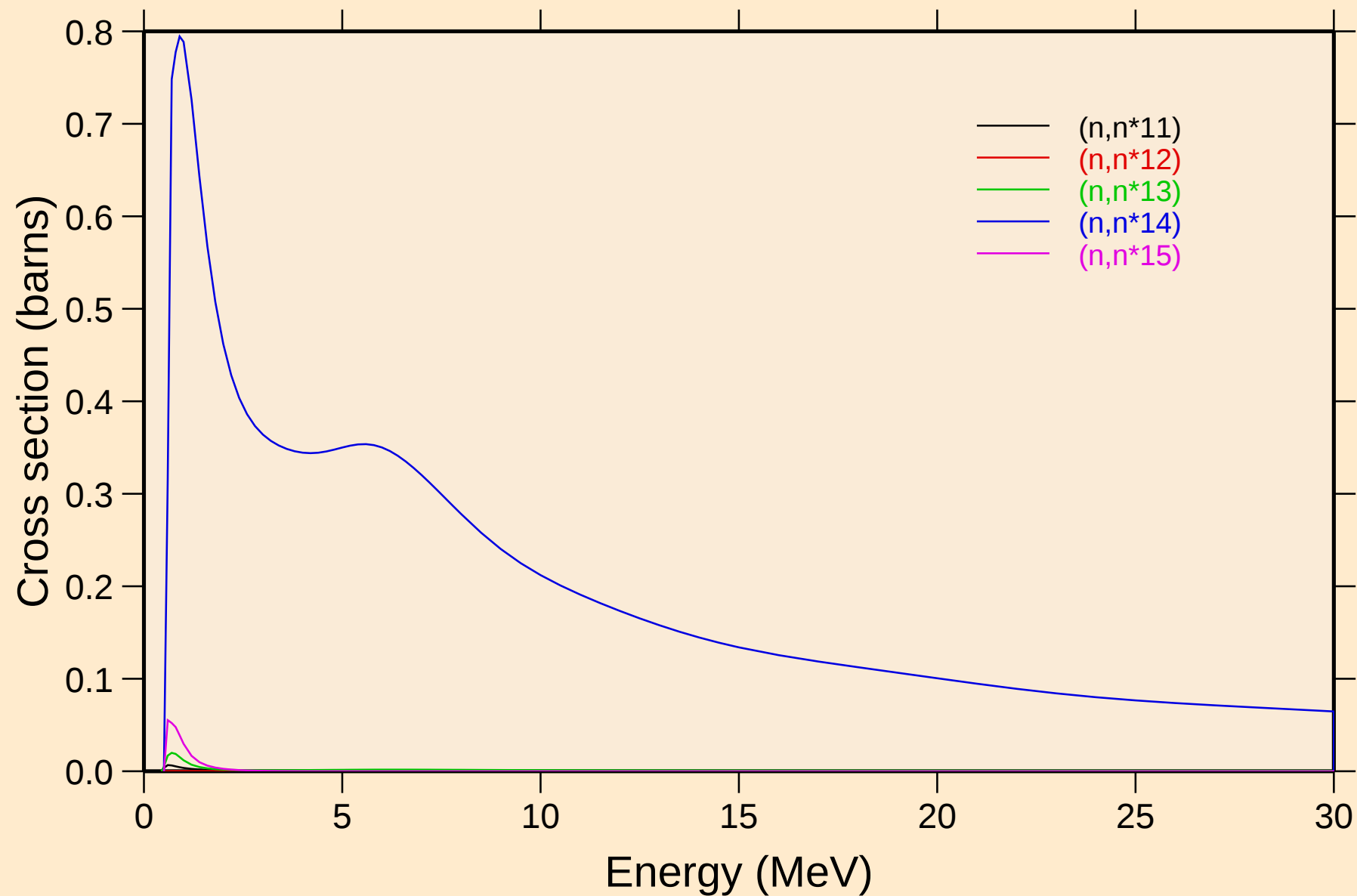
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



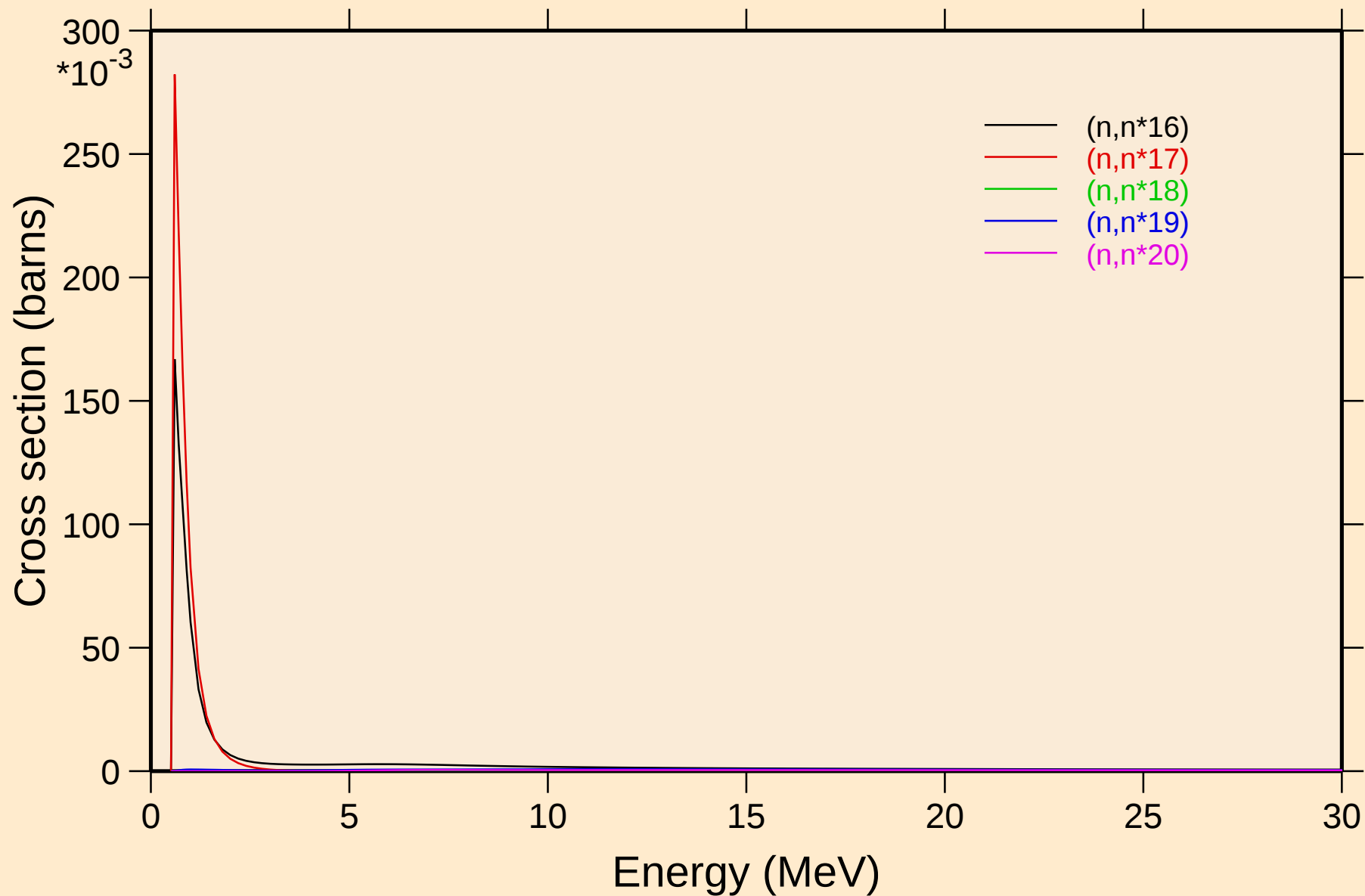
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



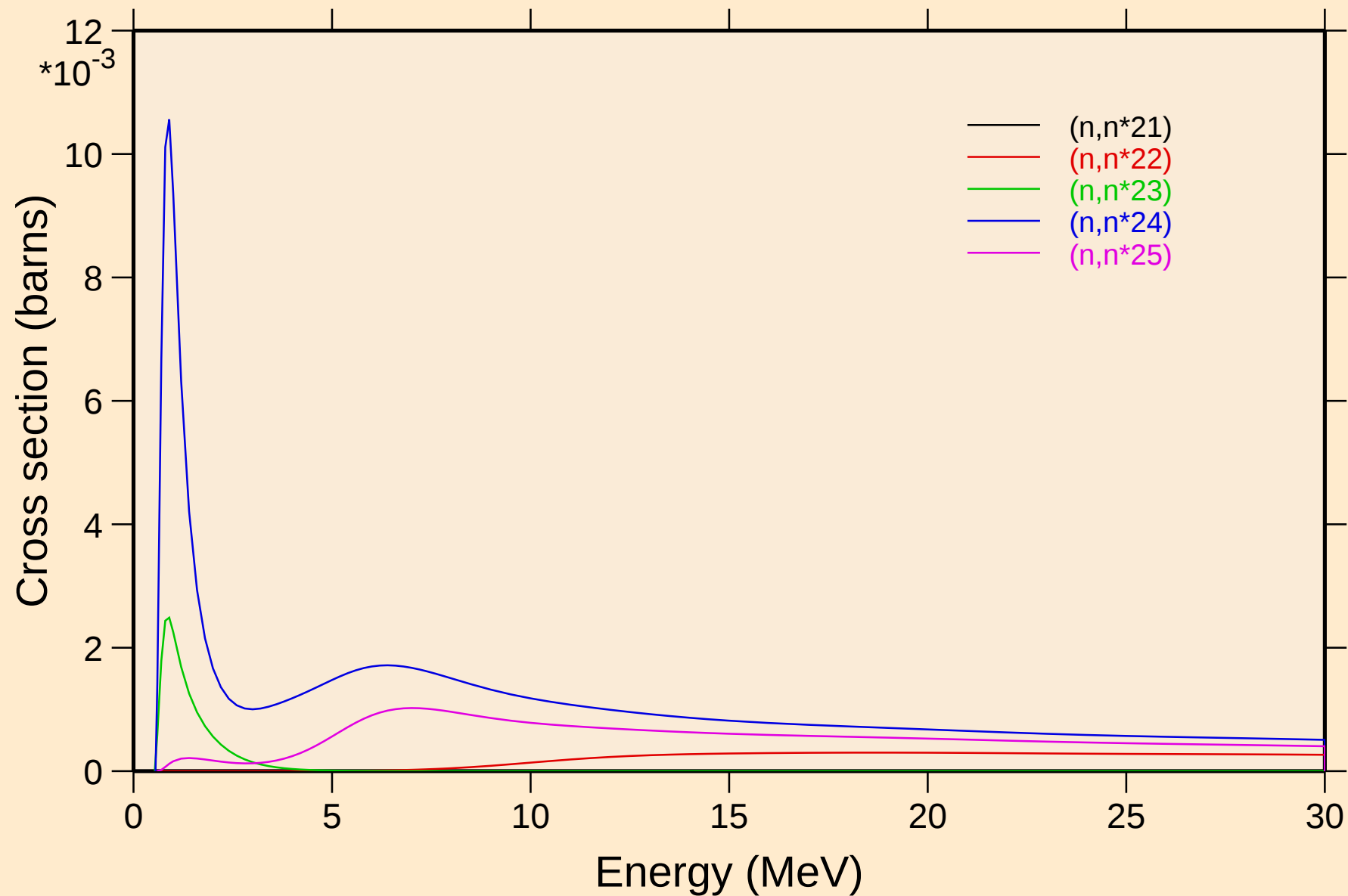
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

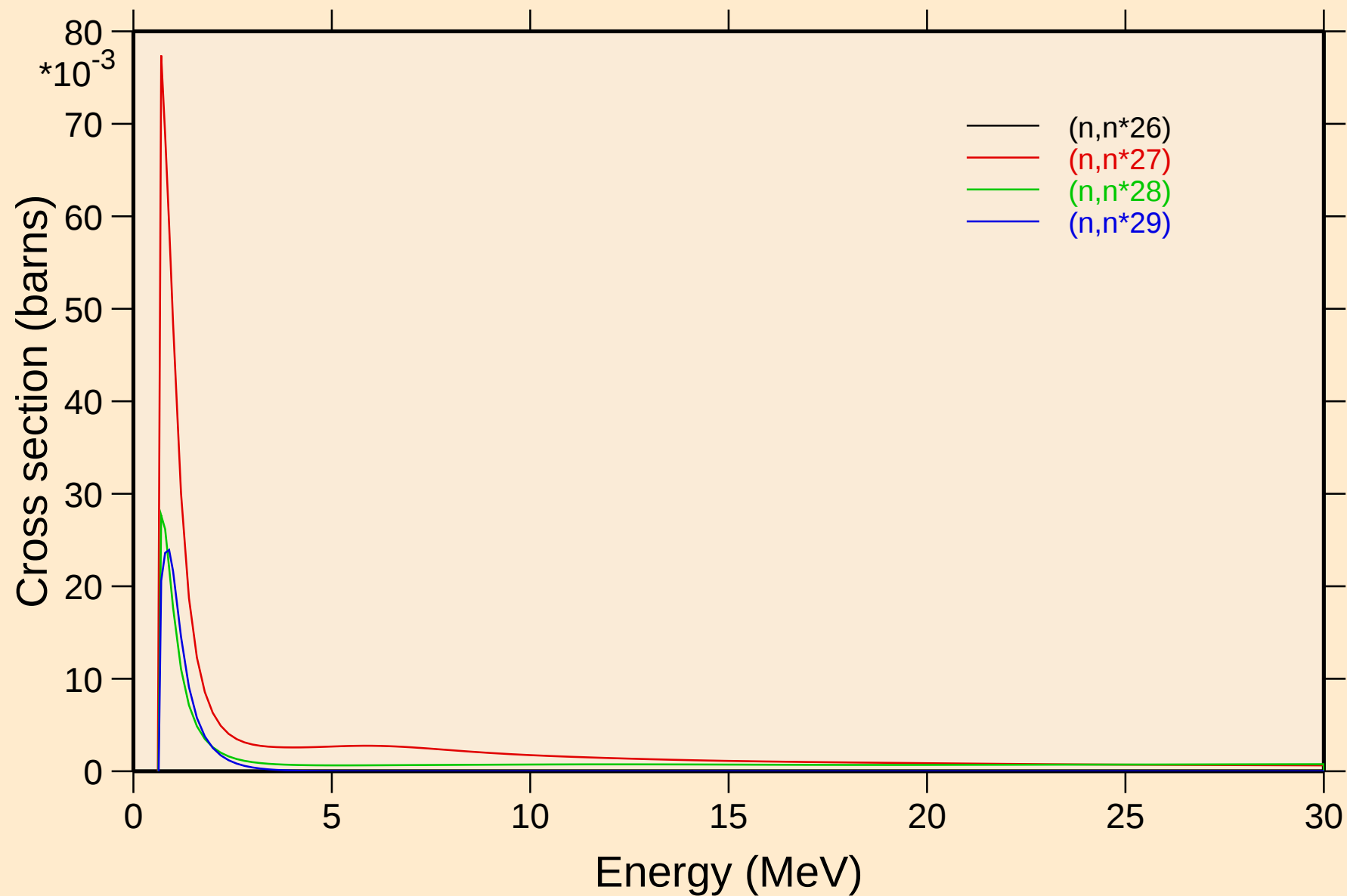


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

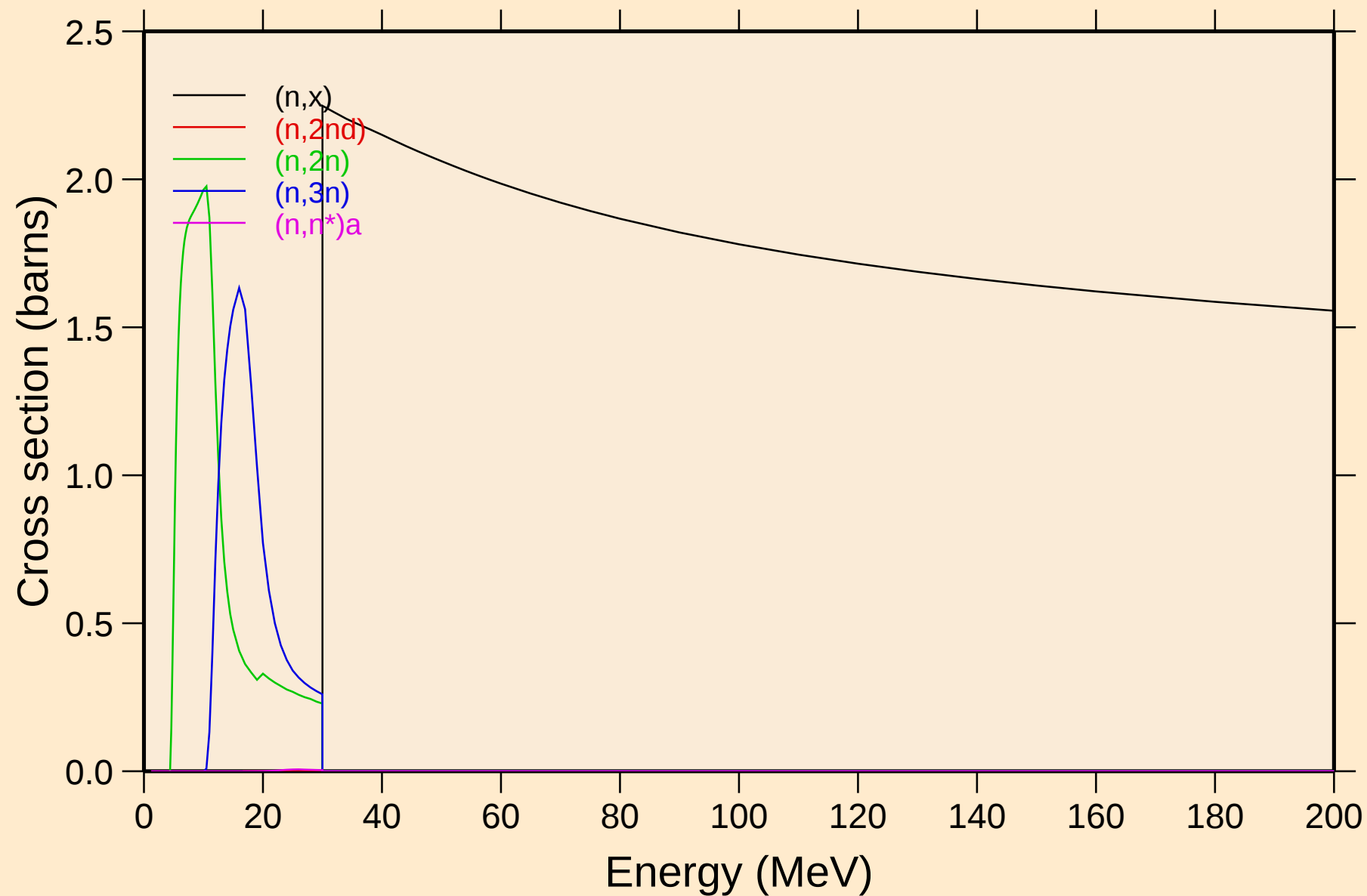


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

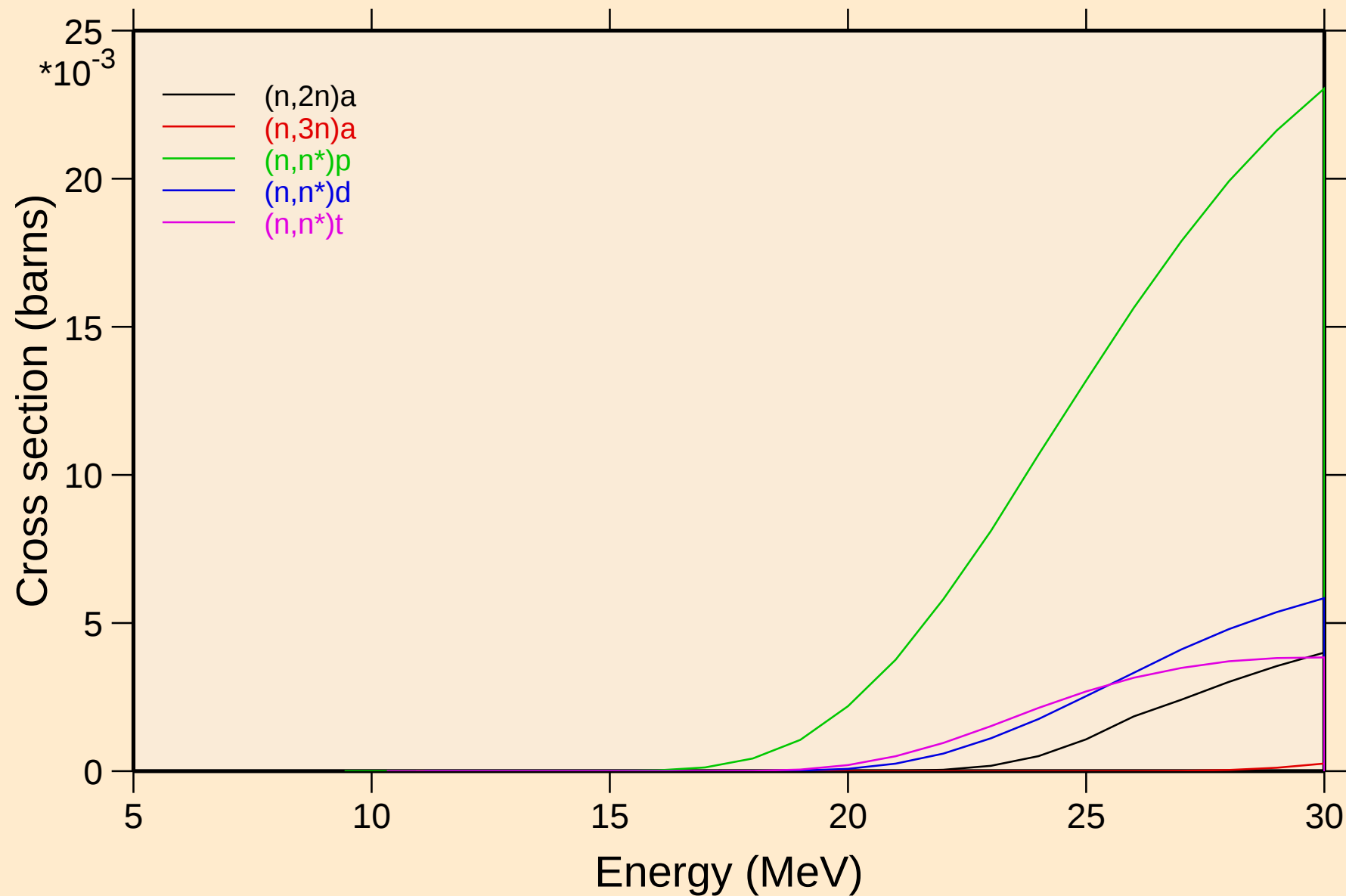


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

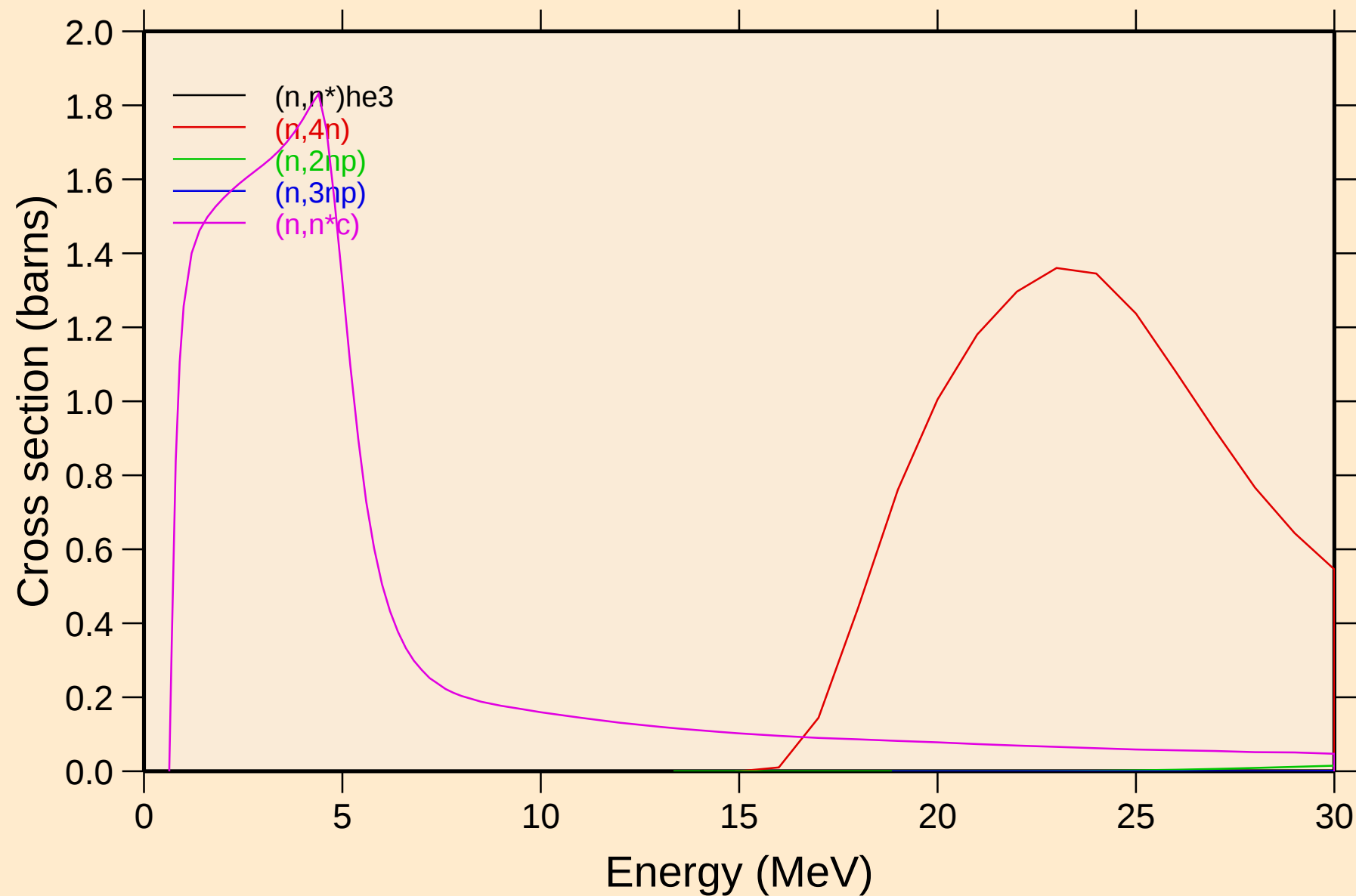


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

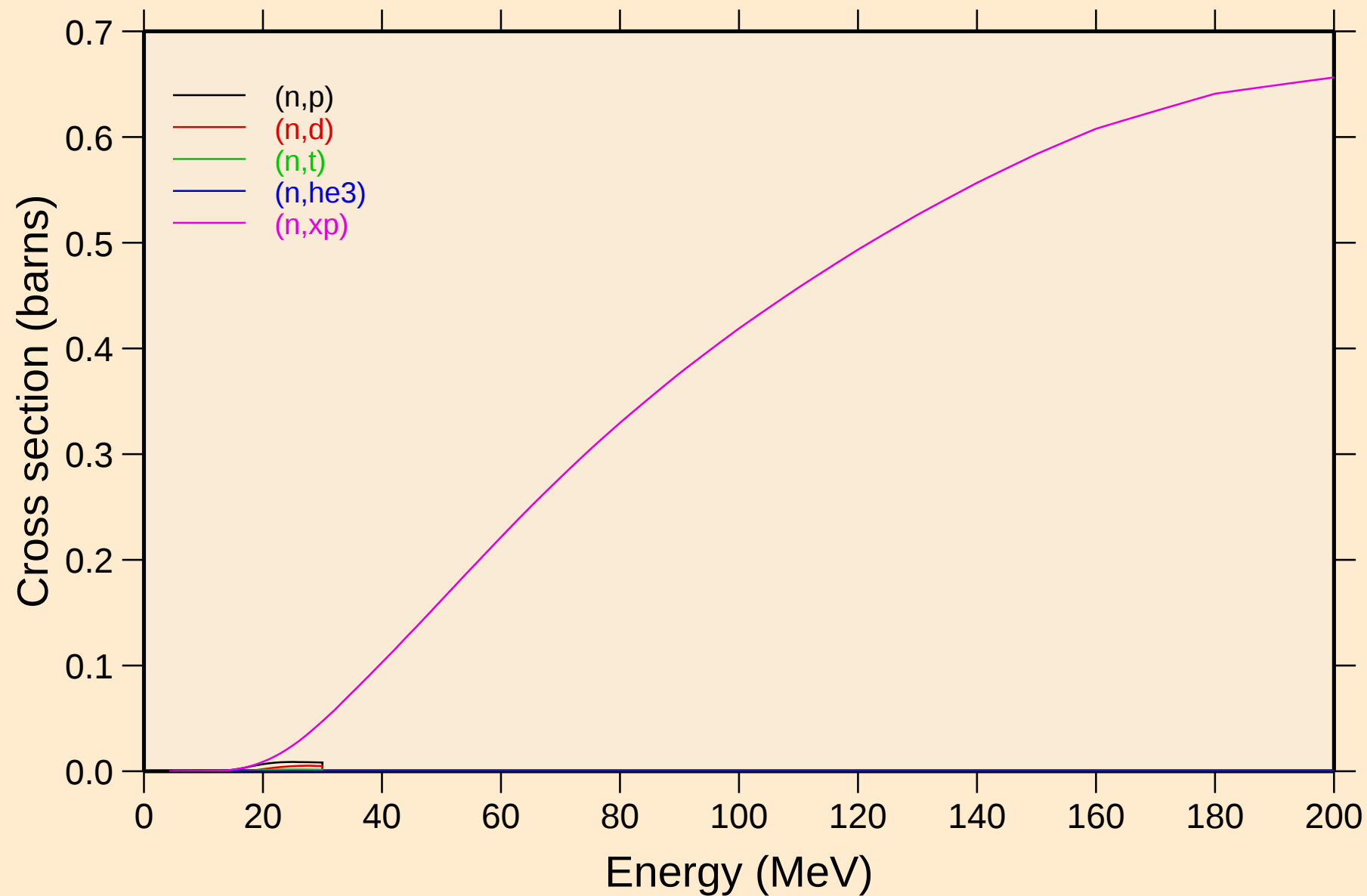
Threshold reactions



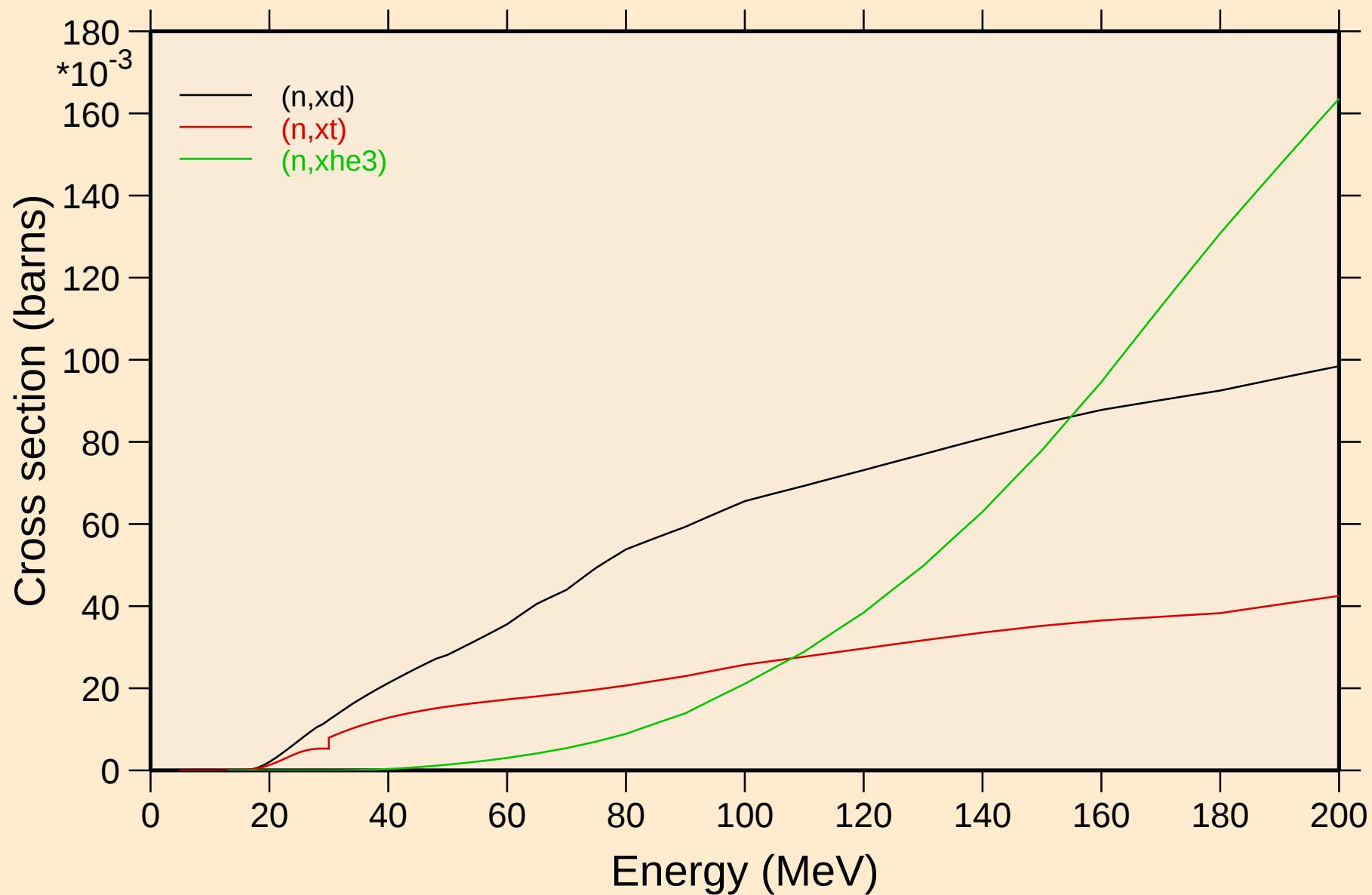
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



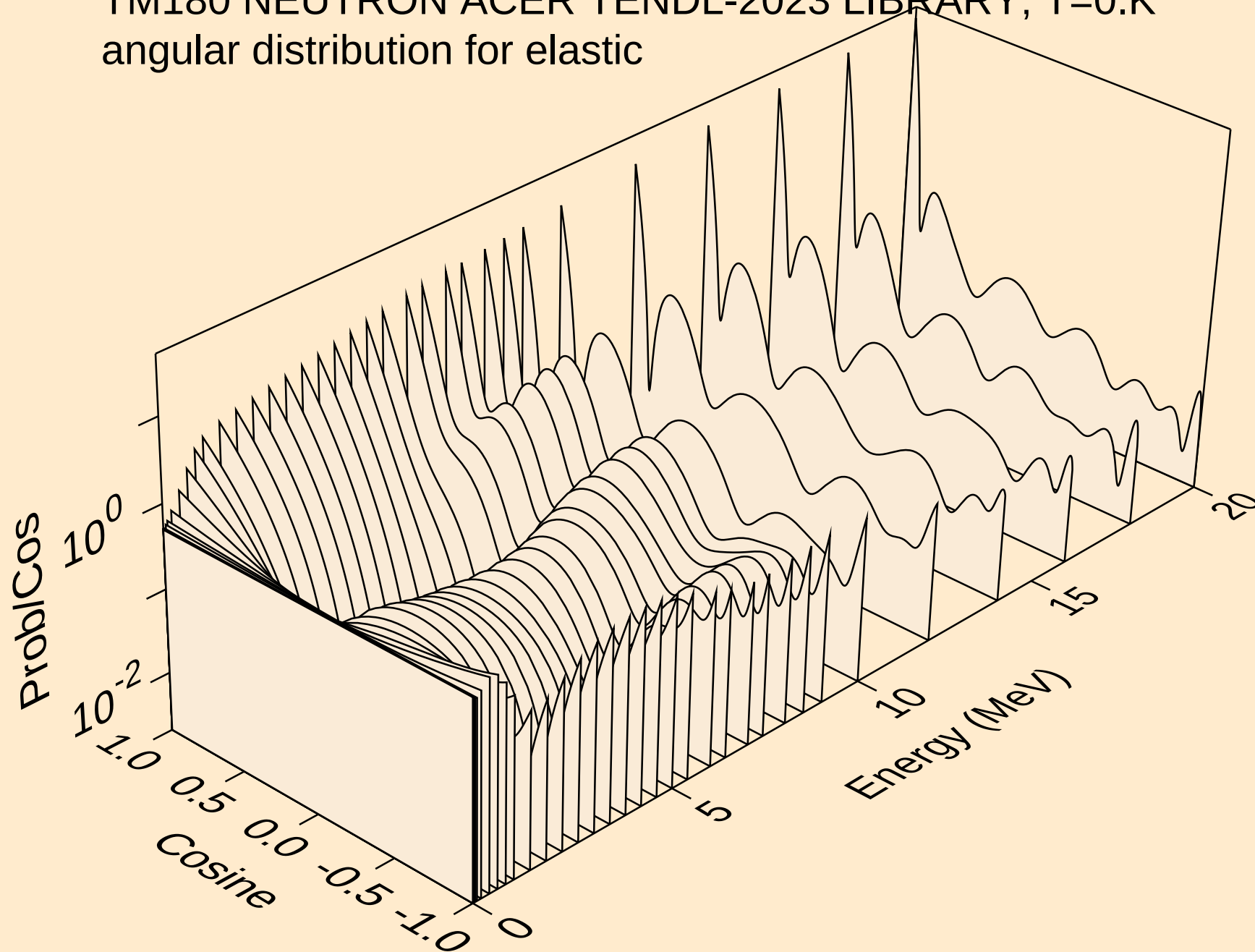
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



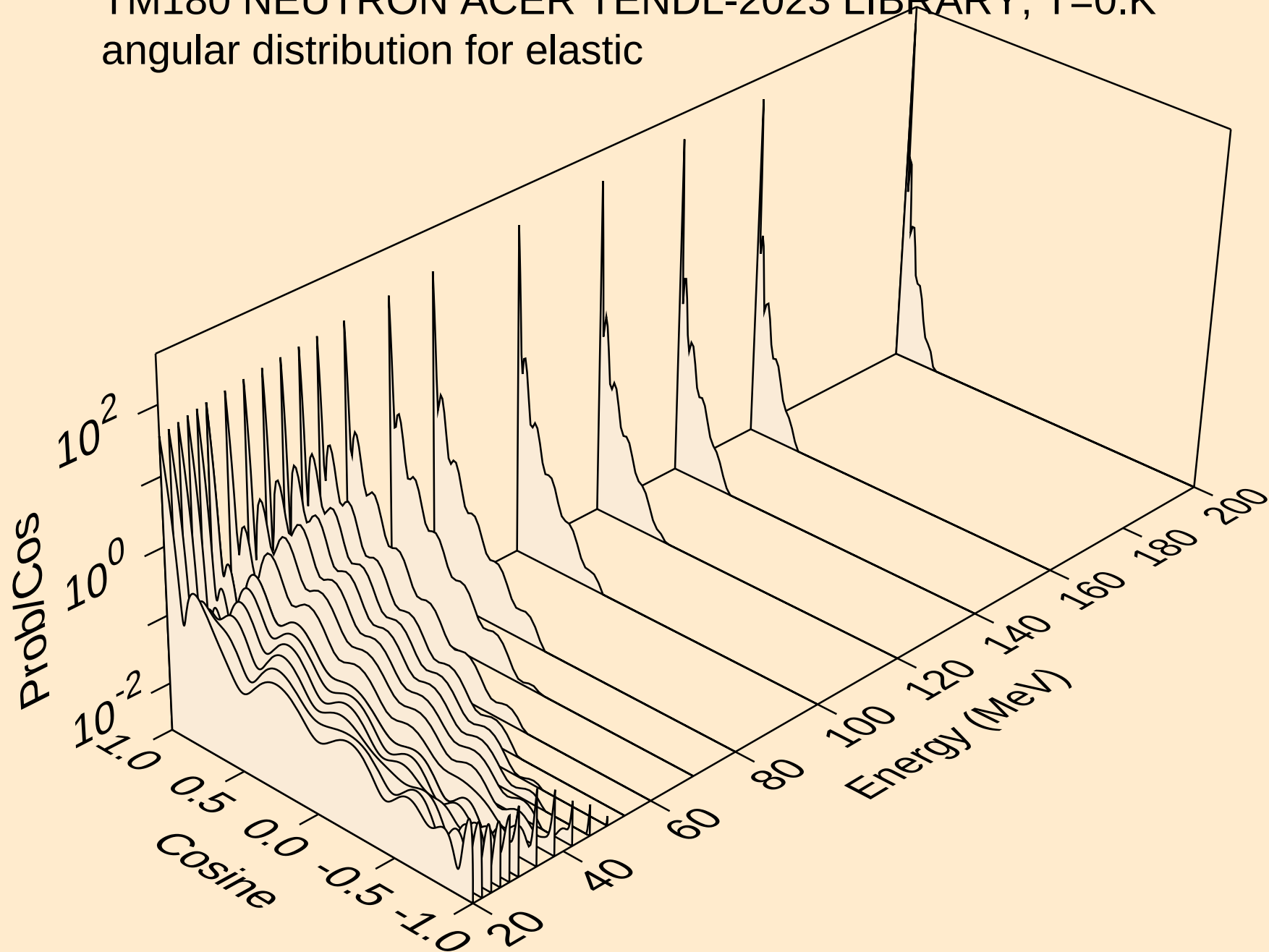
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



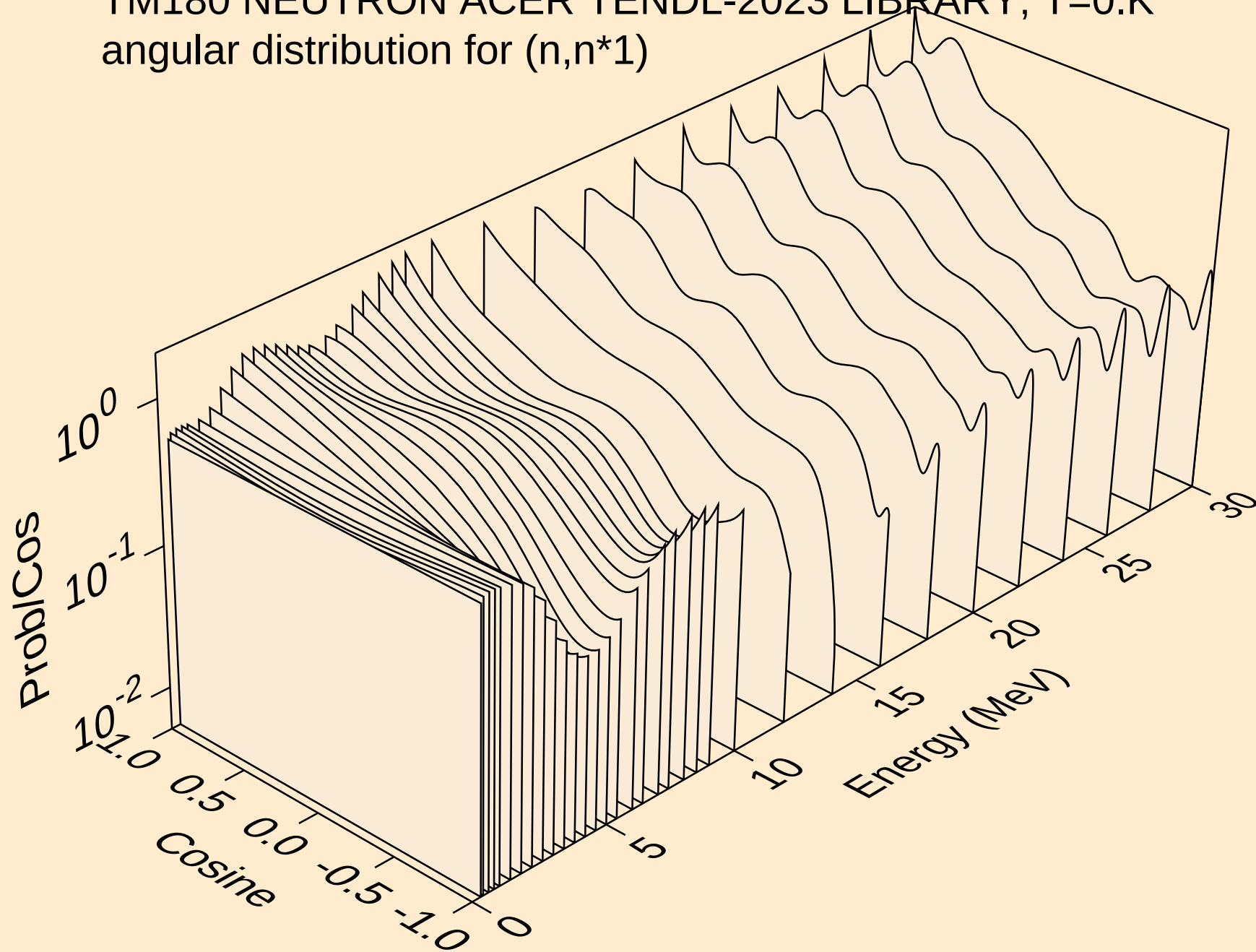
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



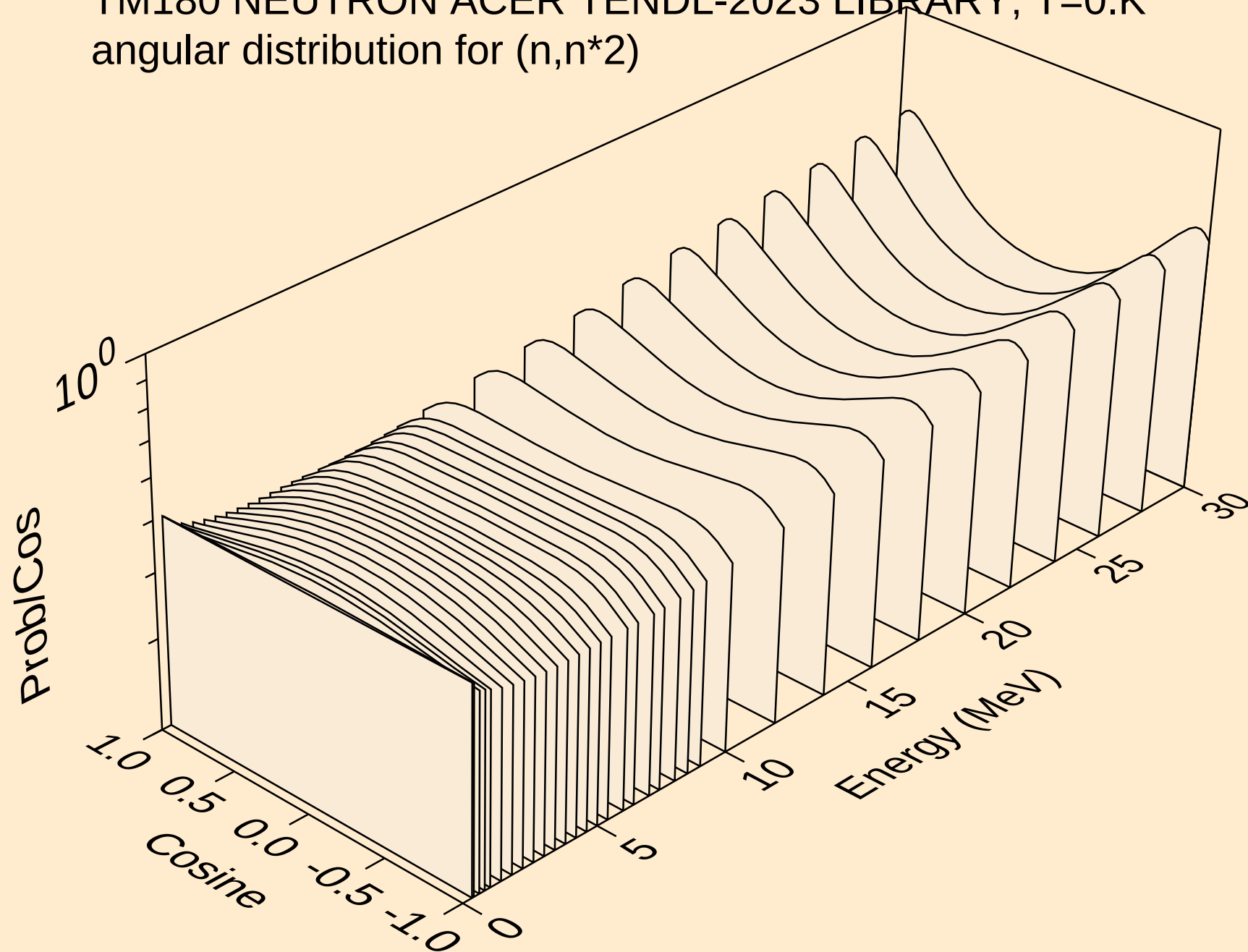
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angular distribution for elastic



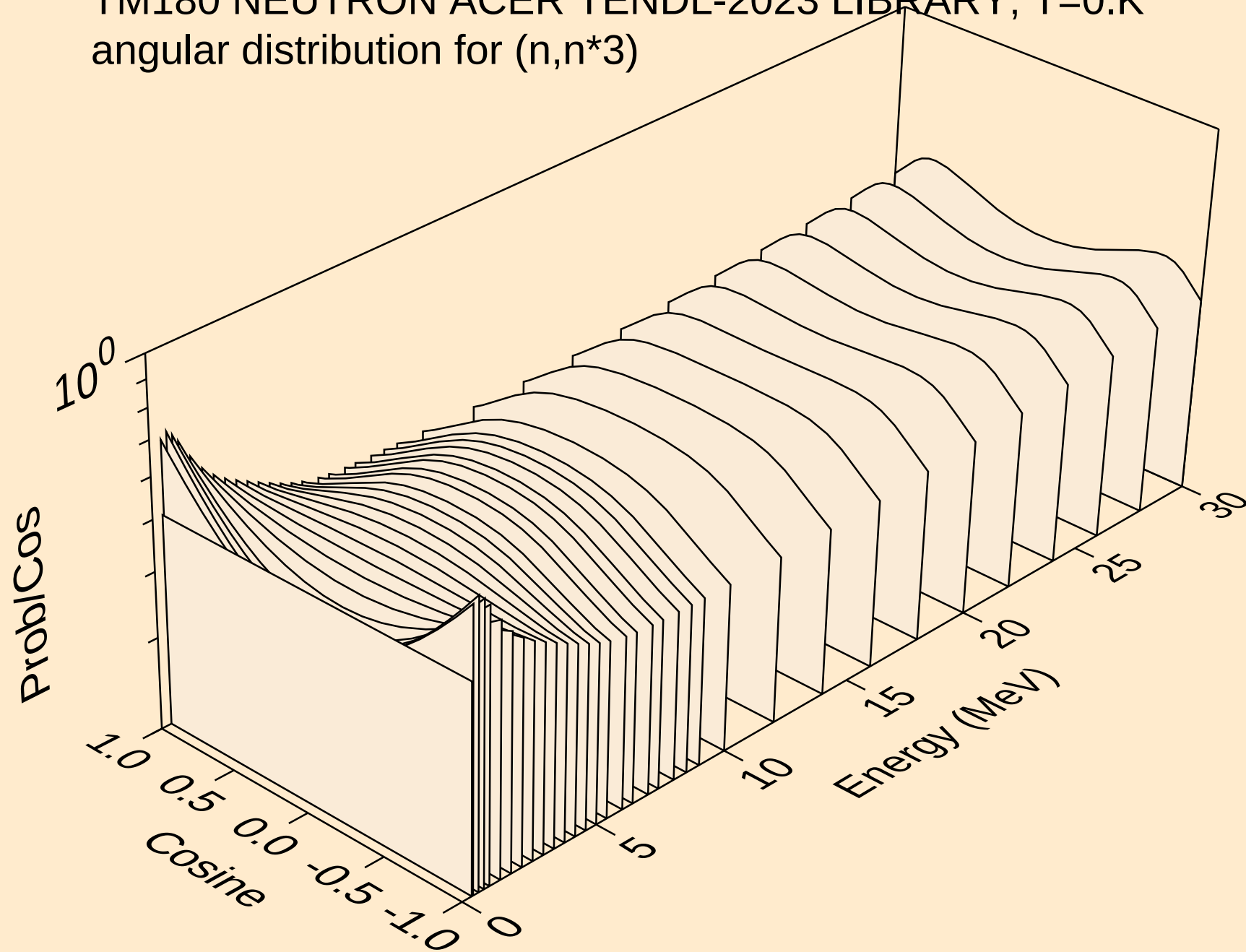
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



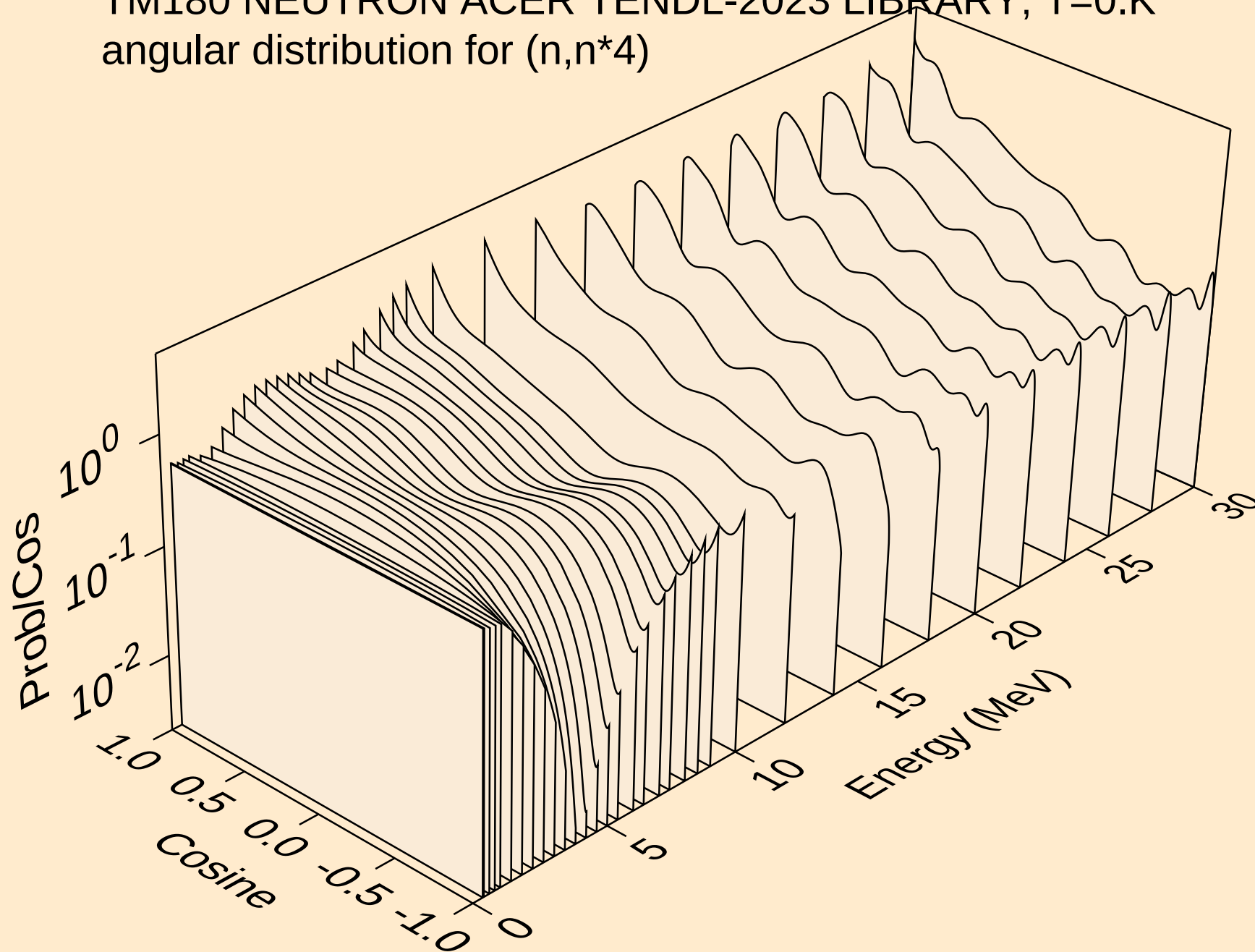
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



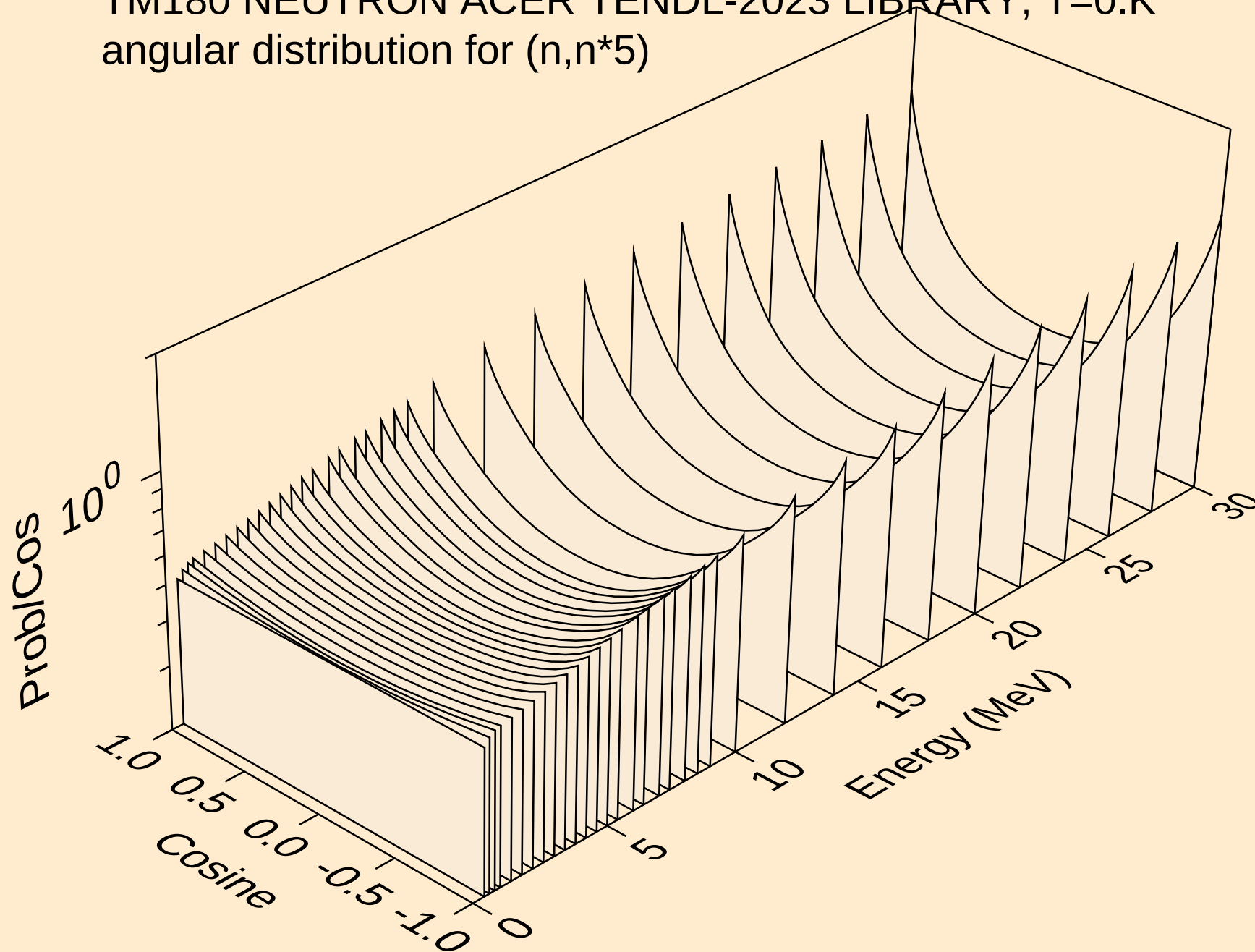
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angular distribution for (n,n*3)



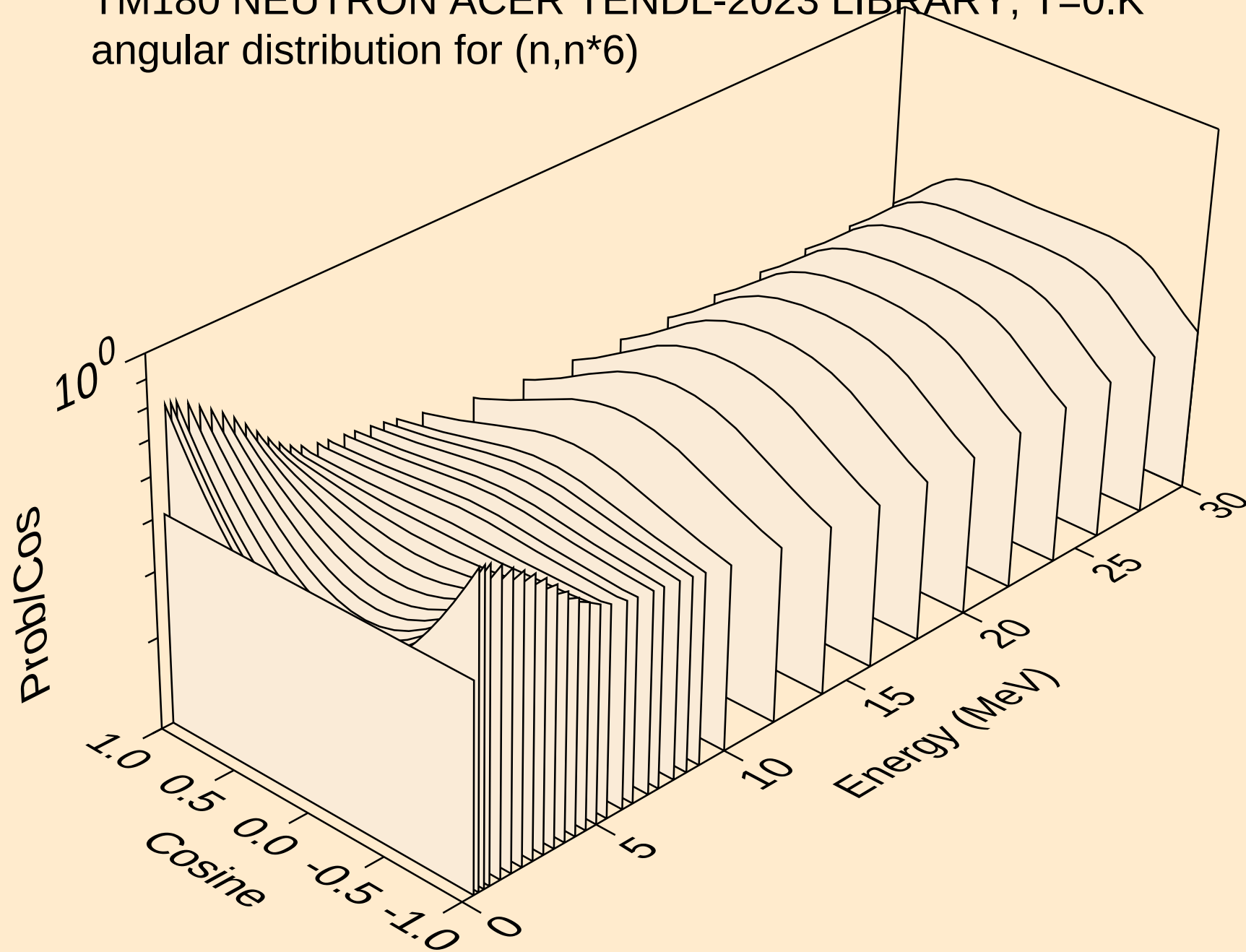
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



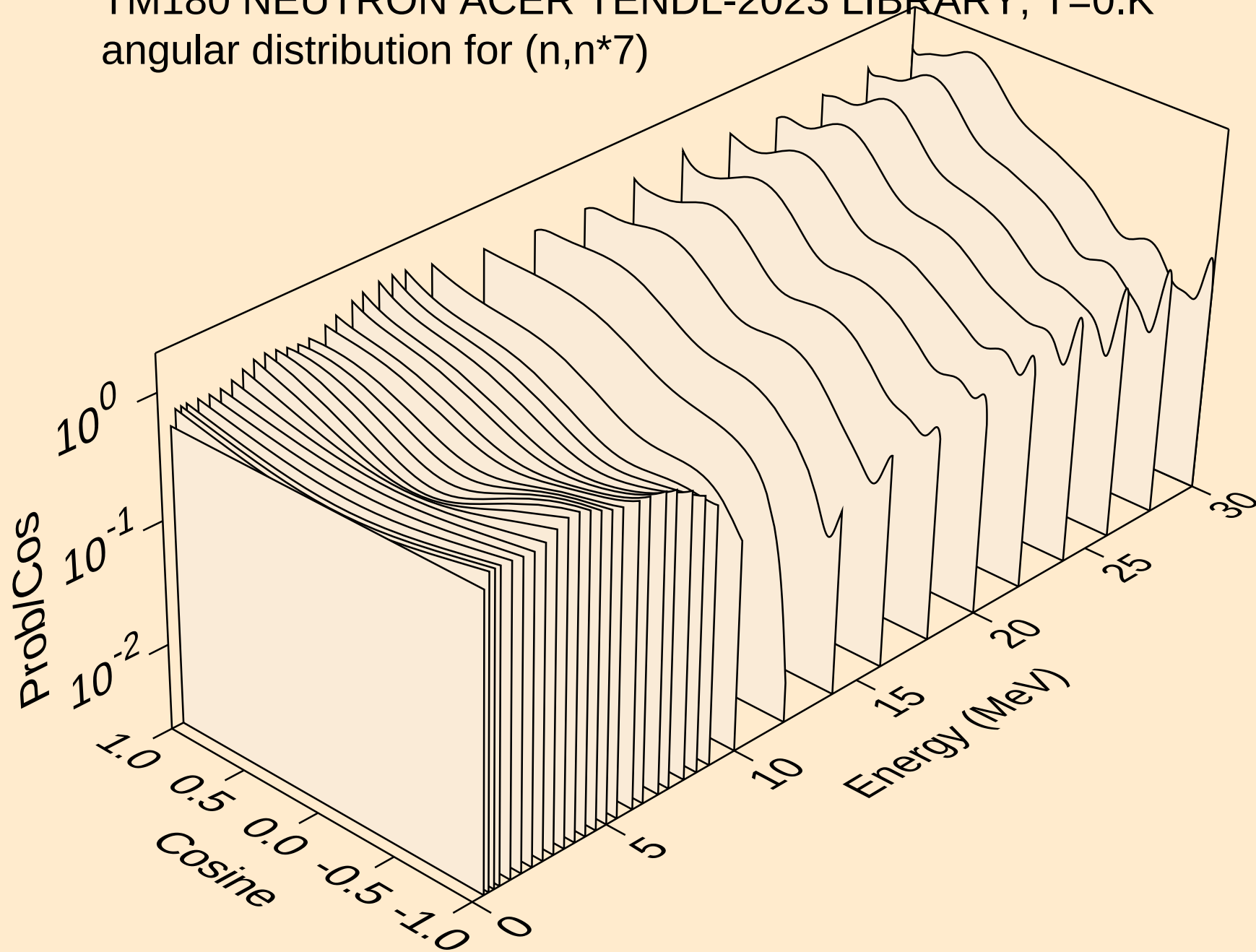
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



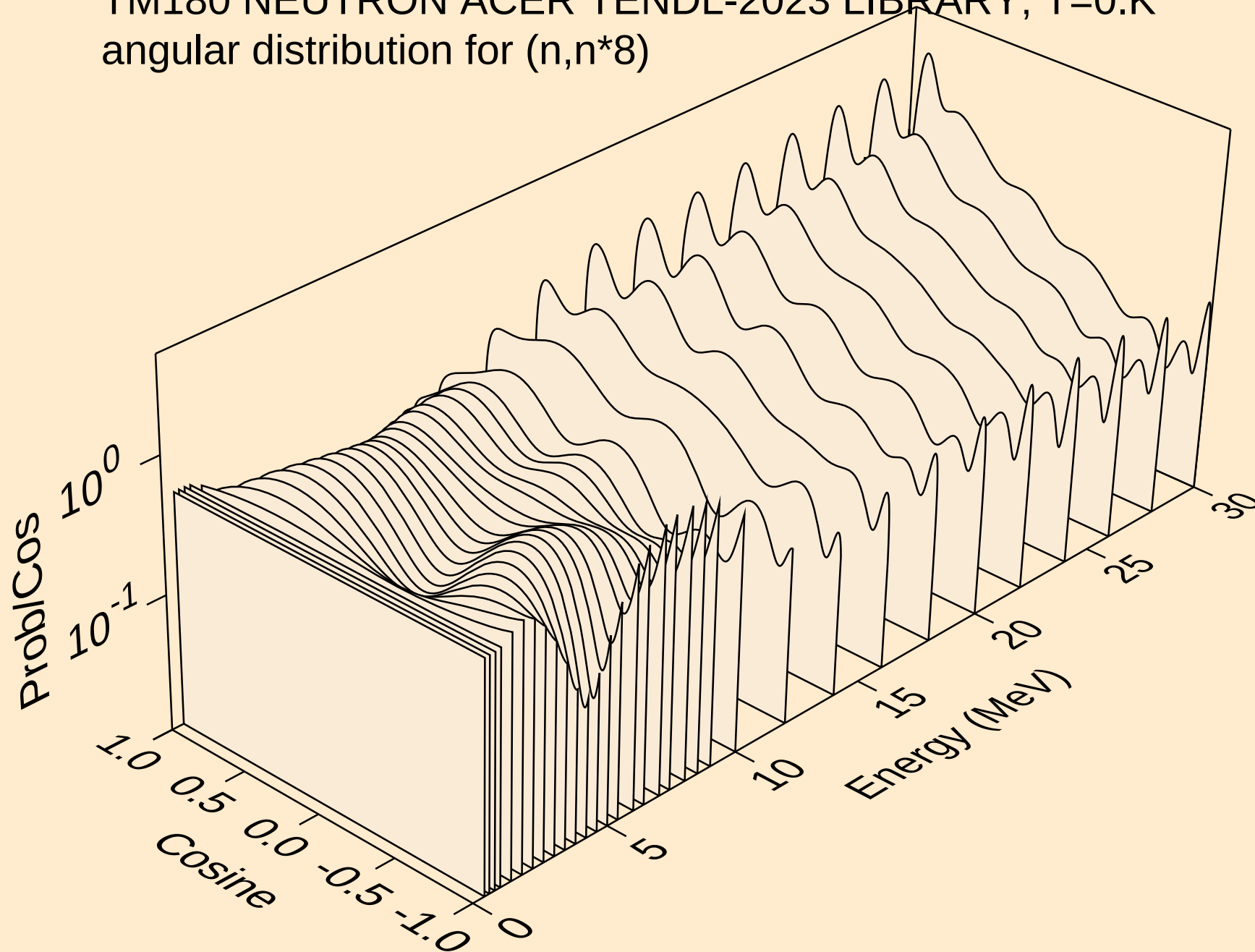
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



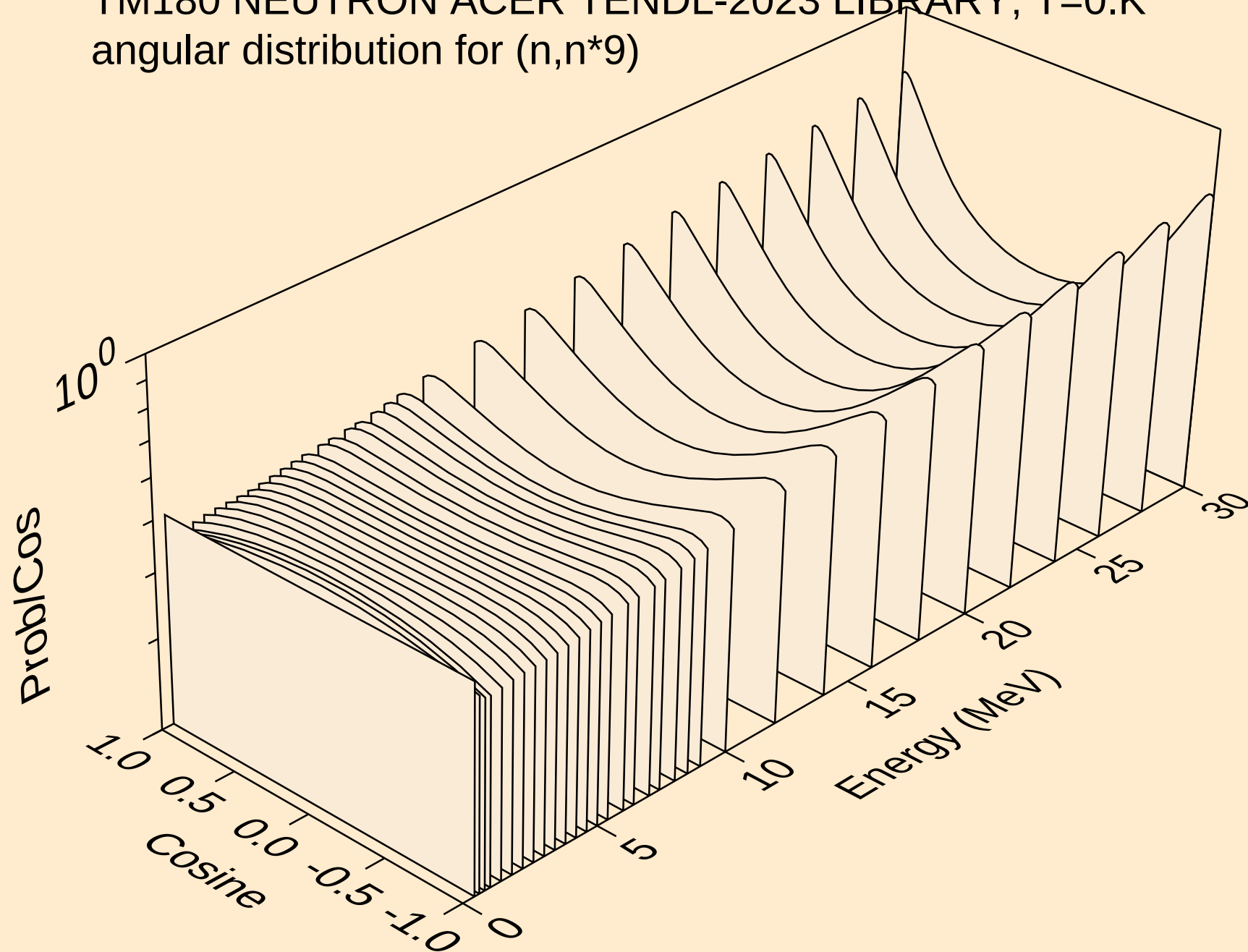
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angular distribution for (n,n*7)



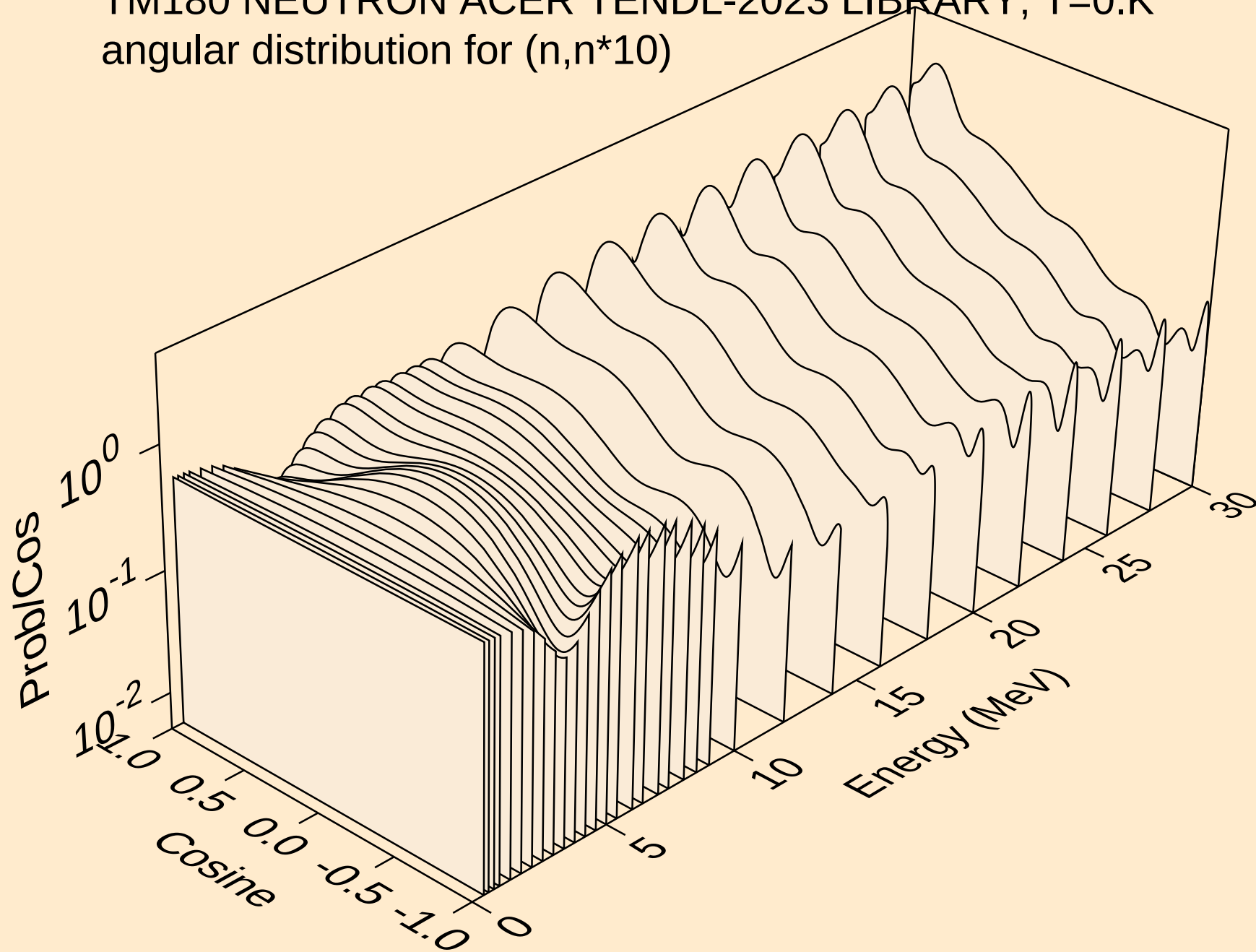
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angular distribution for (n,n*8)



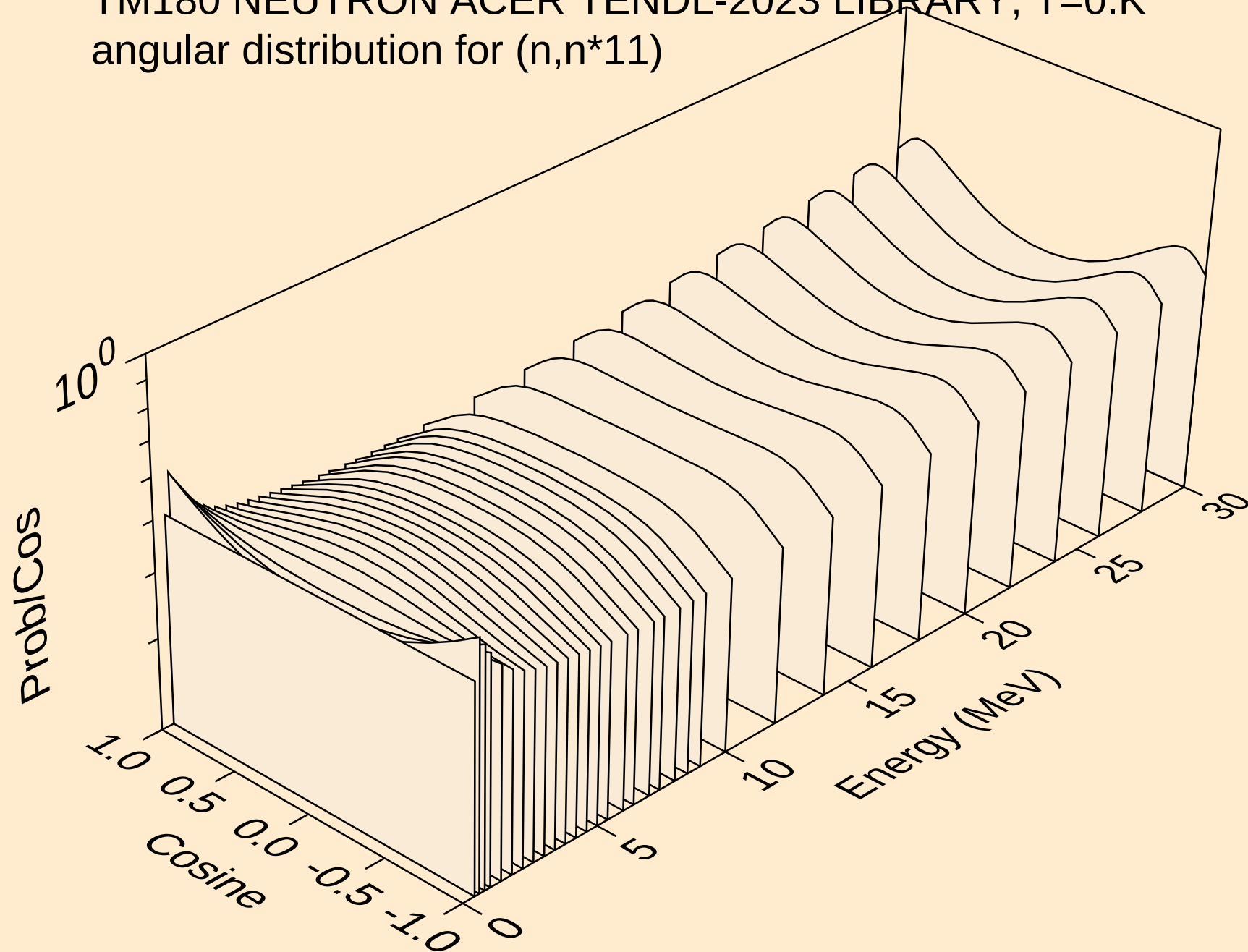
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angular distribution for (n,n*9)



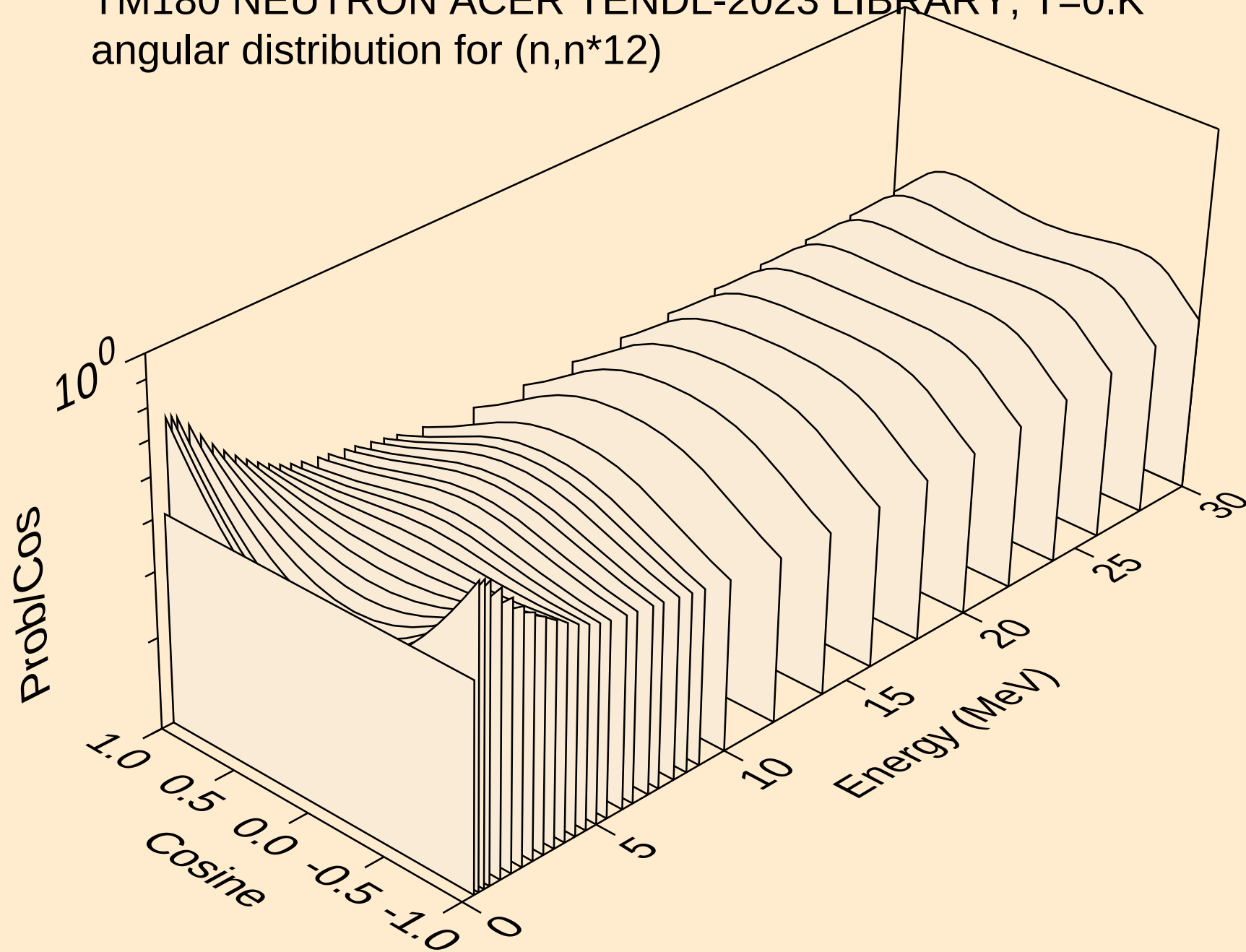
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angular distribution for (n,n*10)



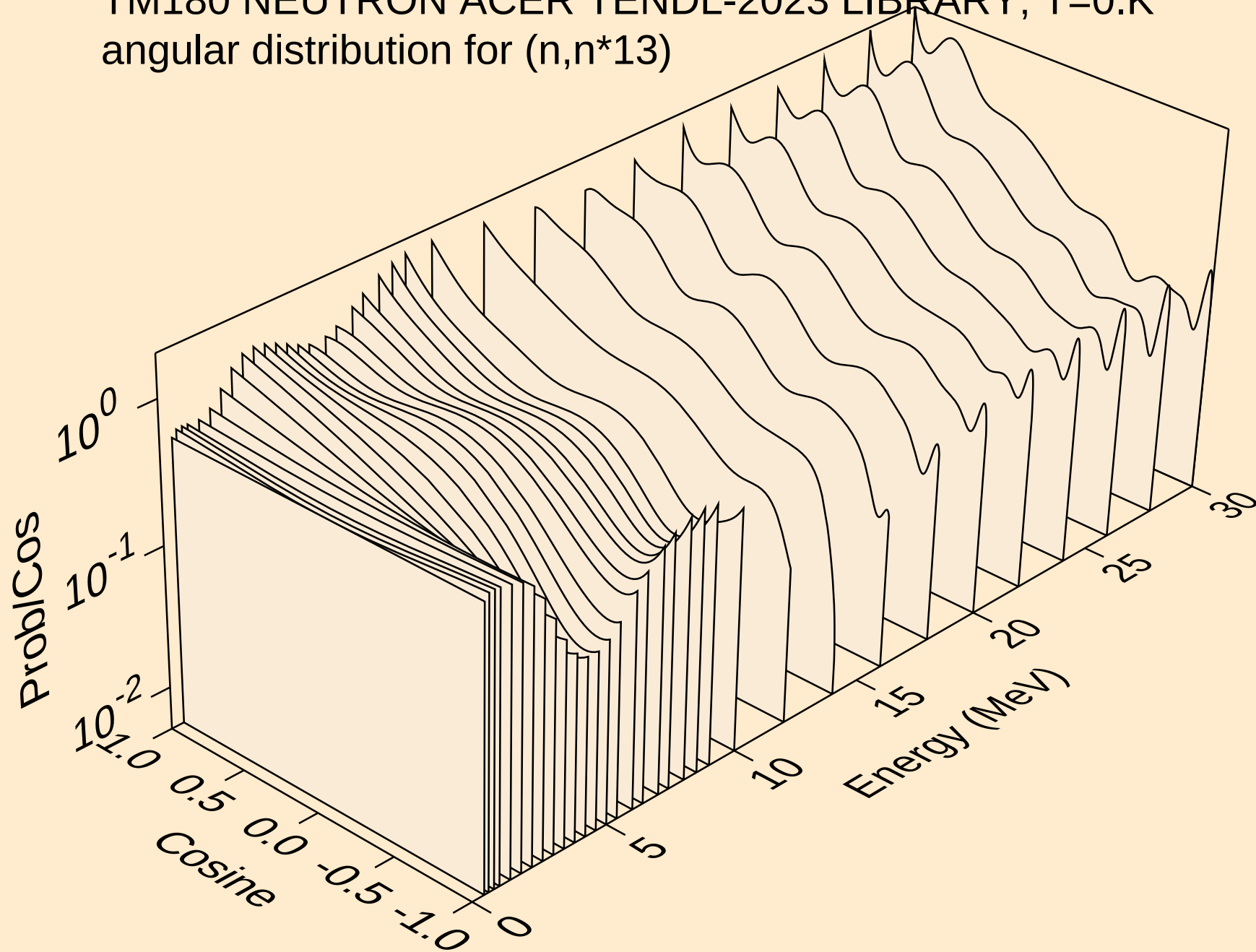
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



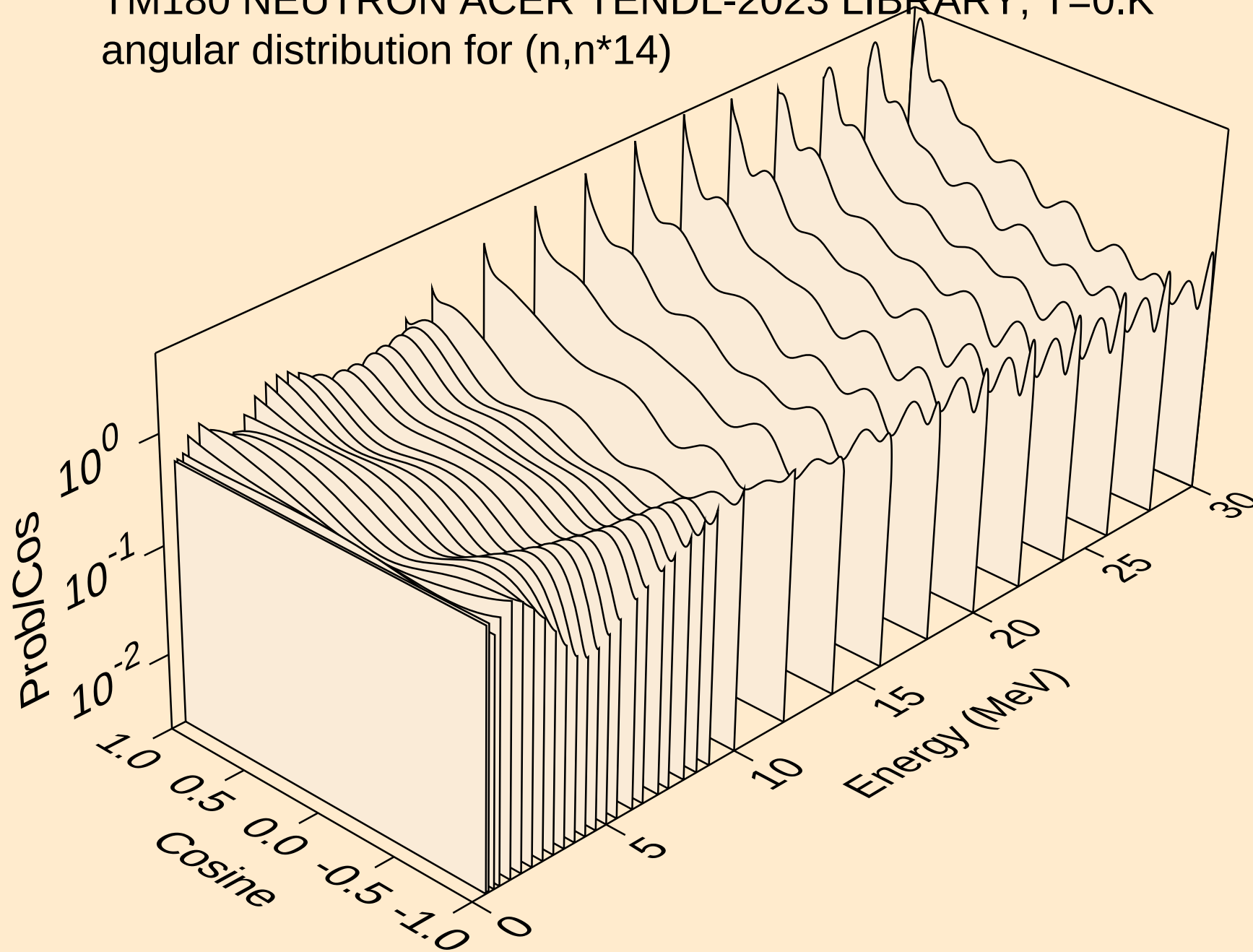
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angular distribution for (n,n*12)



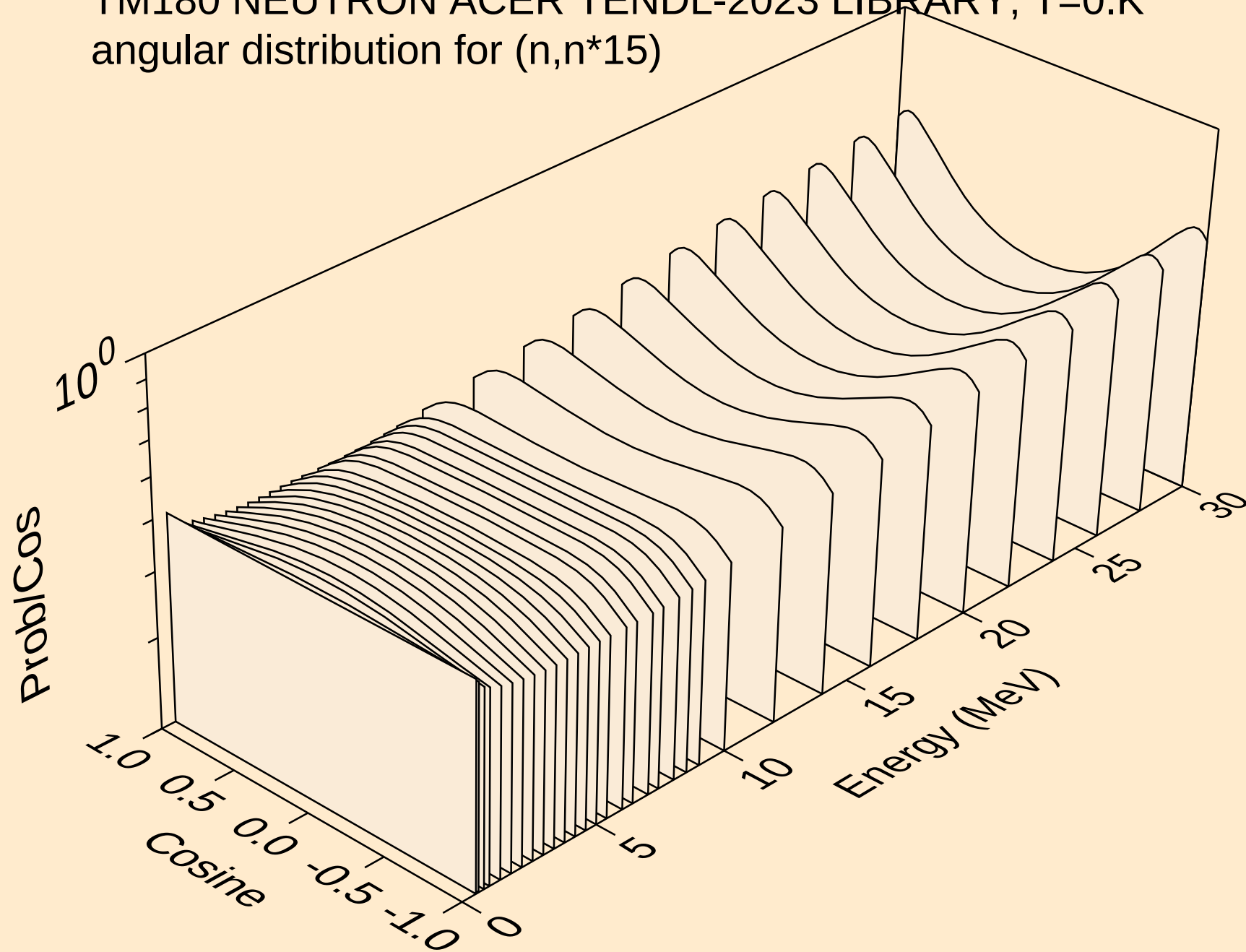
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



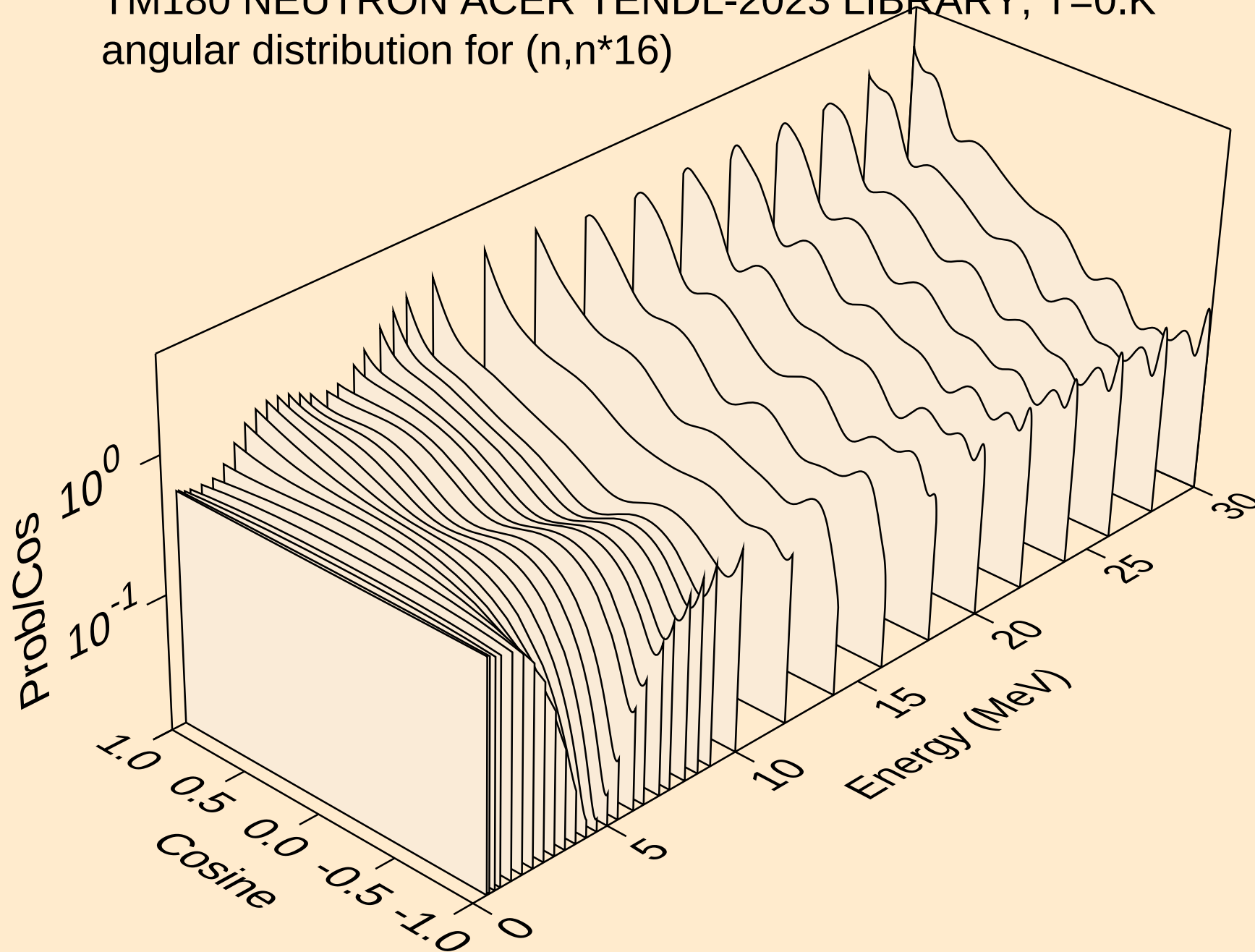
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angular distribution for (n,n*14)



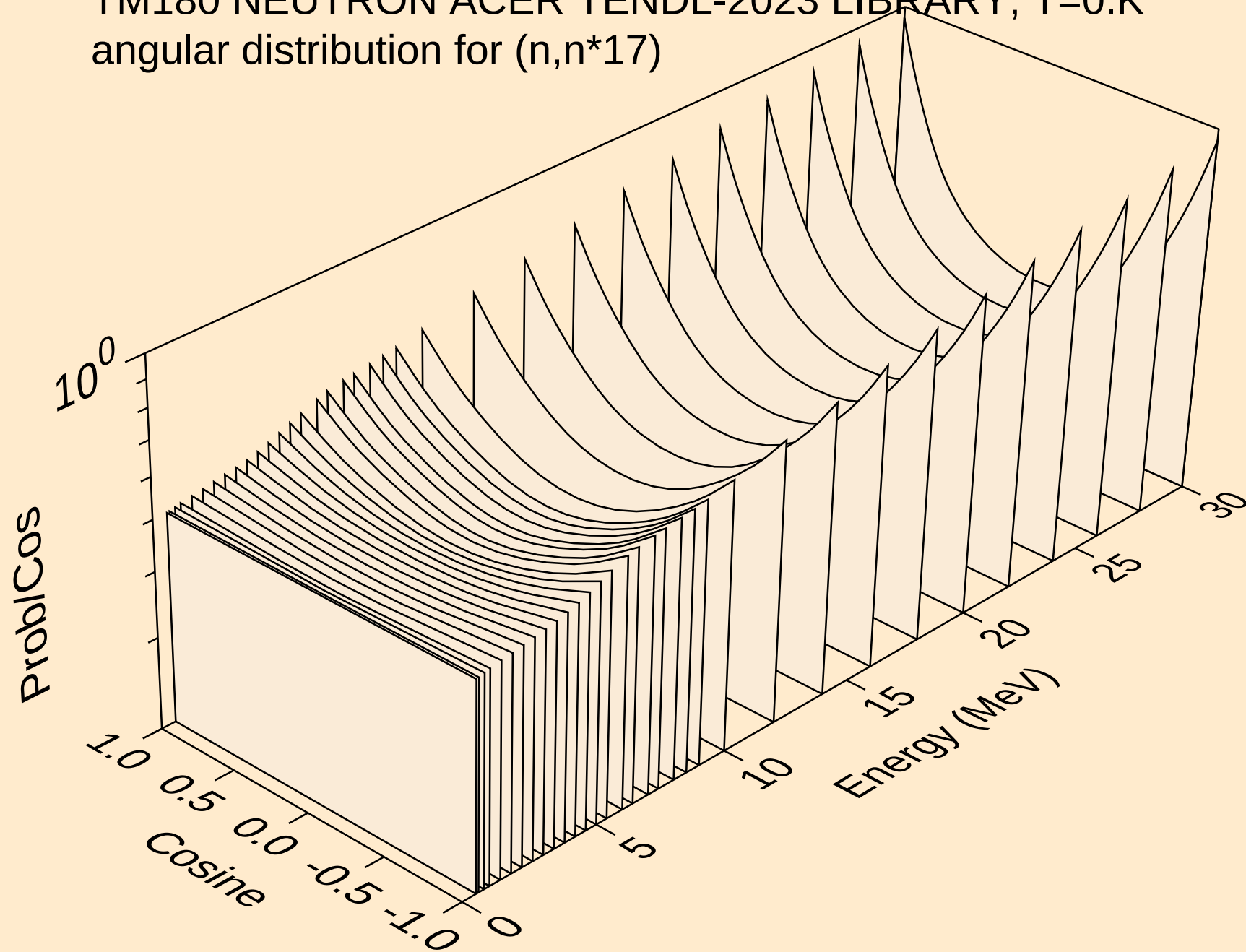
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



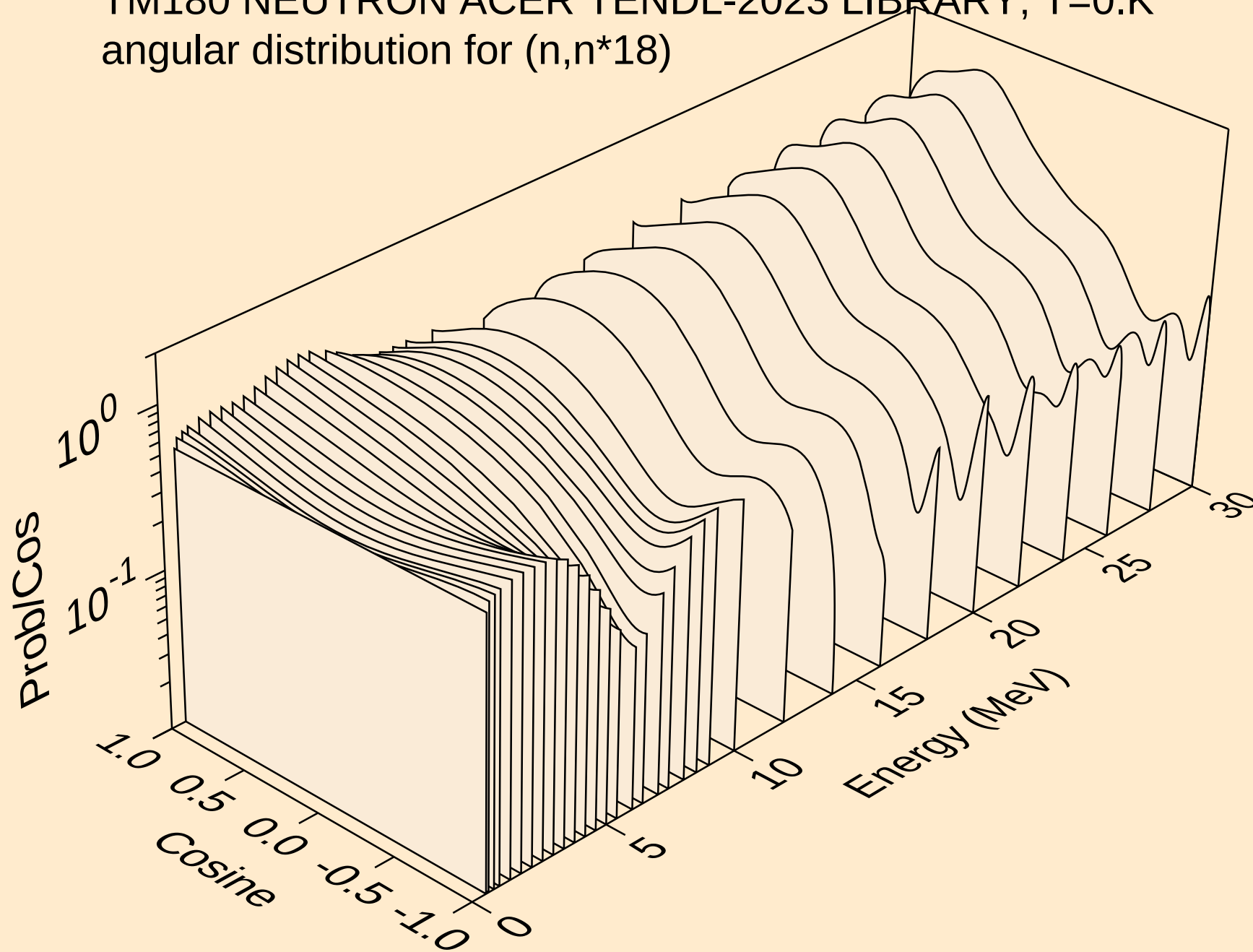
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



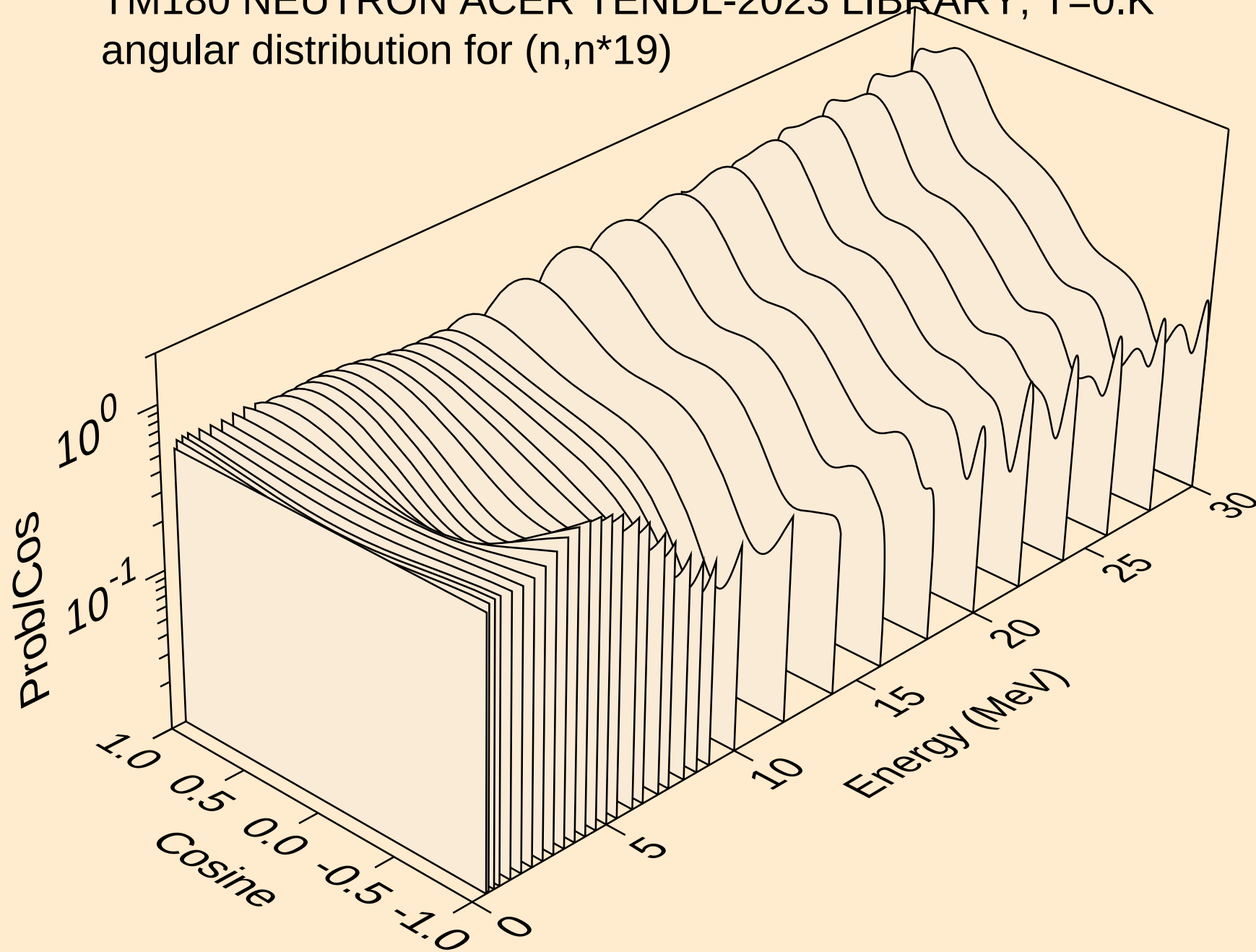
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angular distribution for (n,n*17)



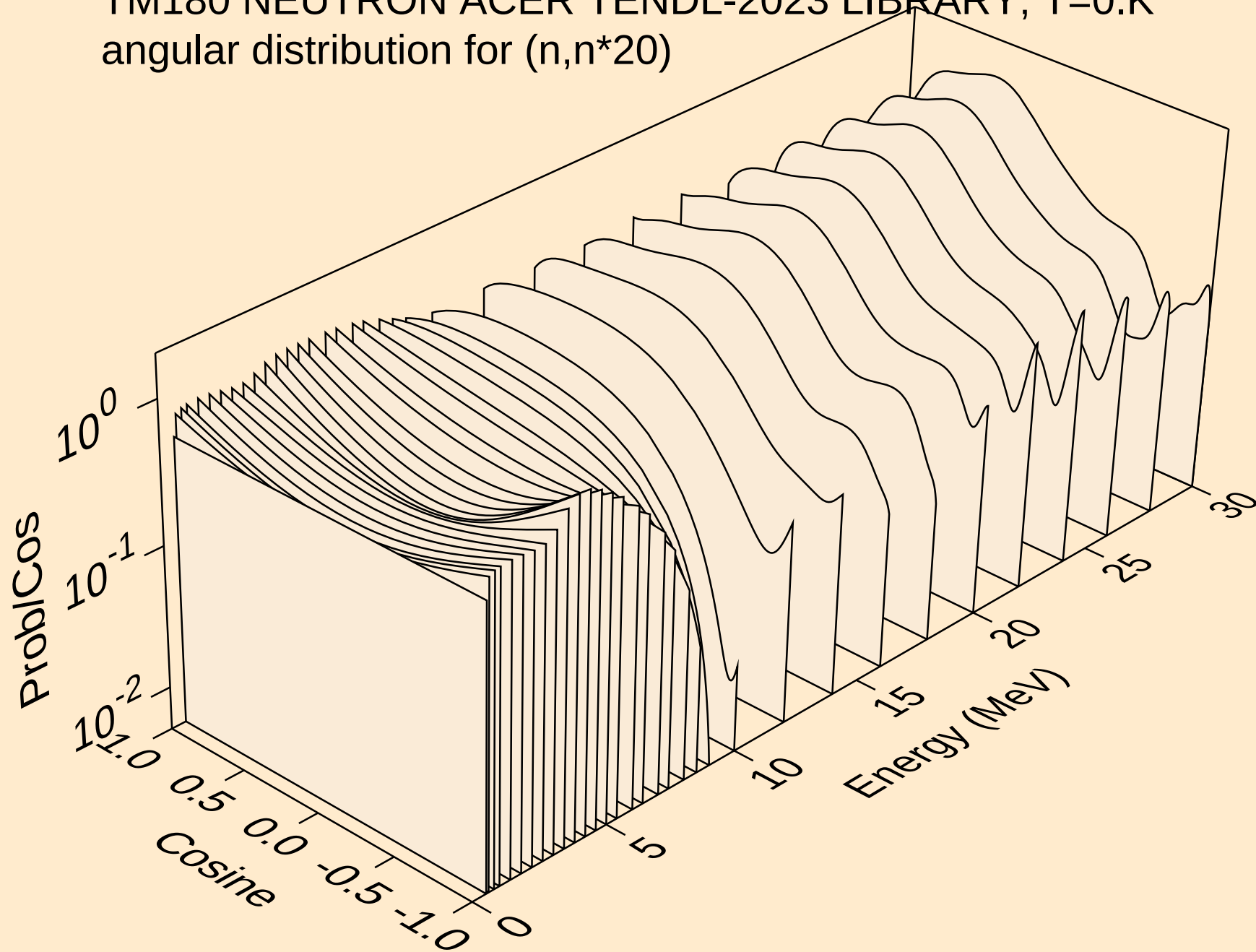
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angular distribution for (n,n*18)



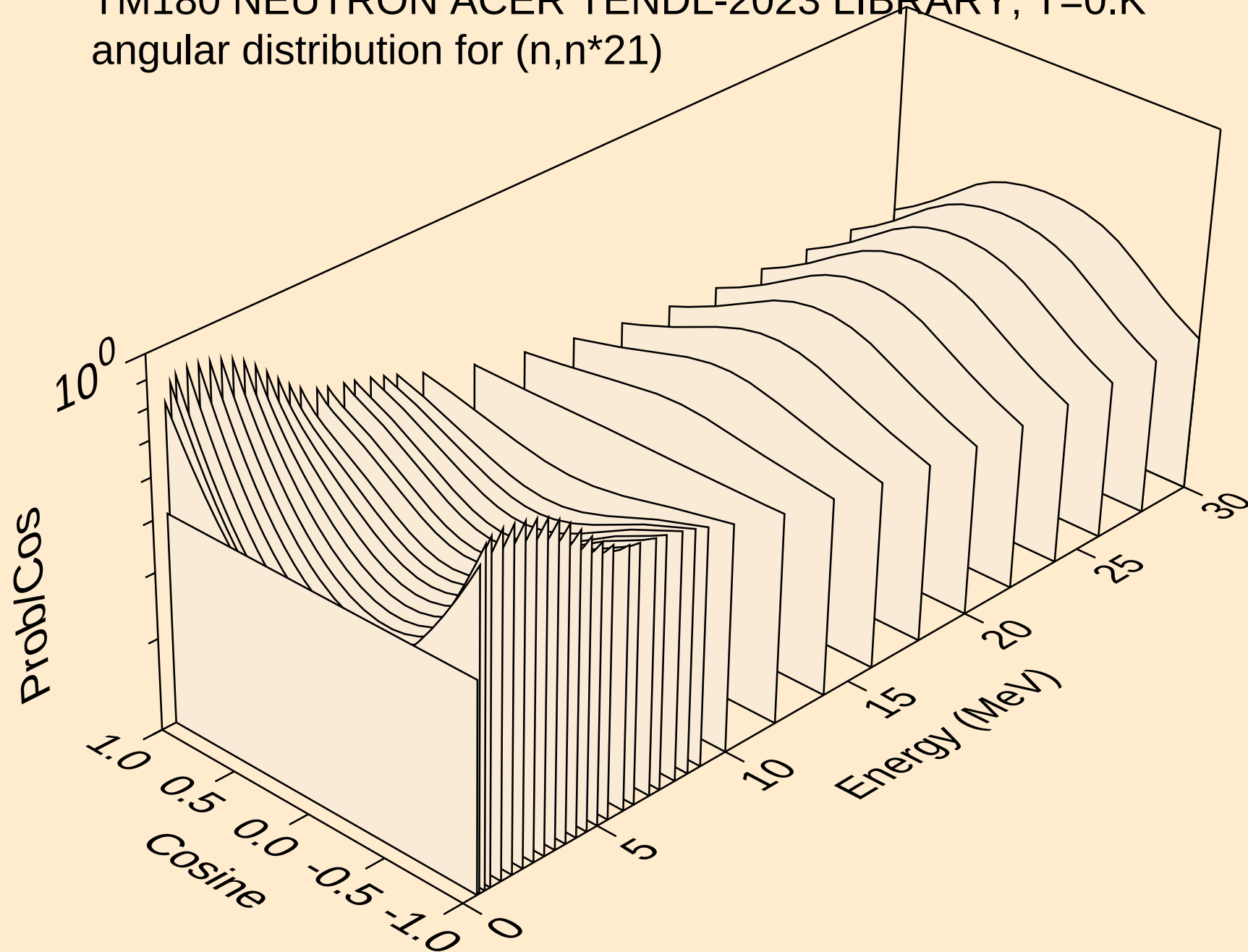
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angular distribution for (n,n*19)



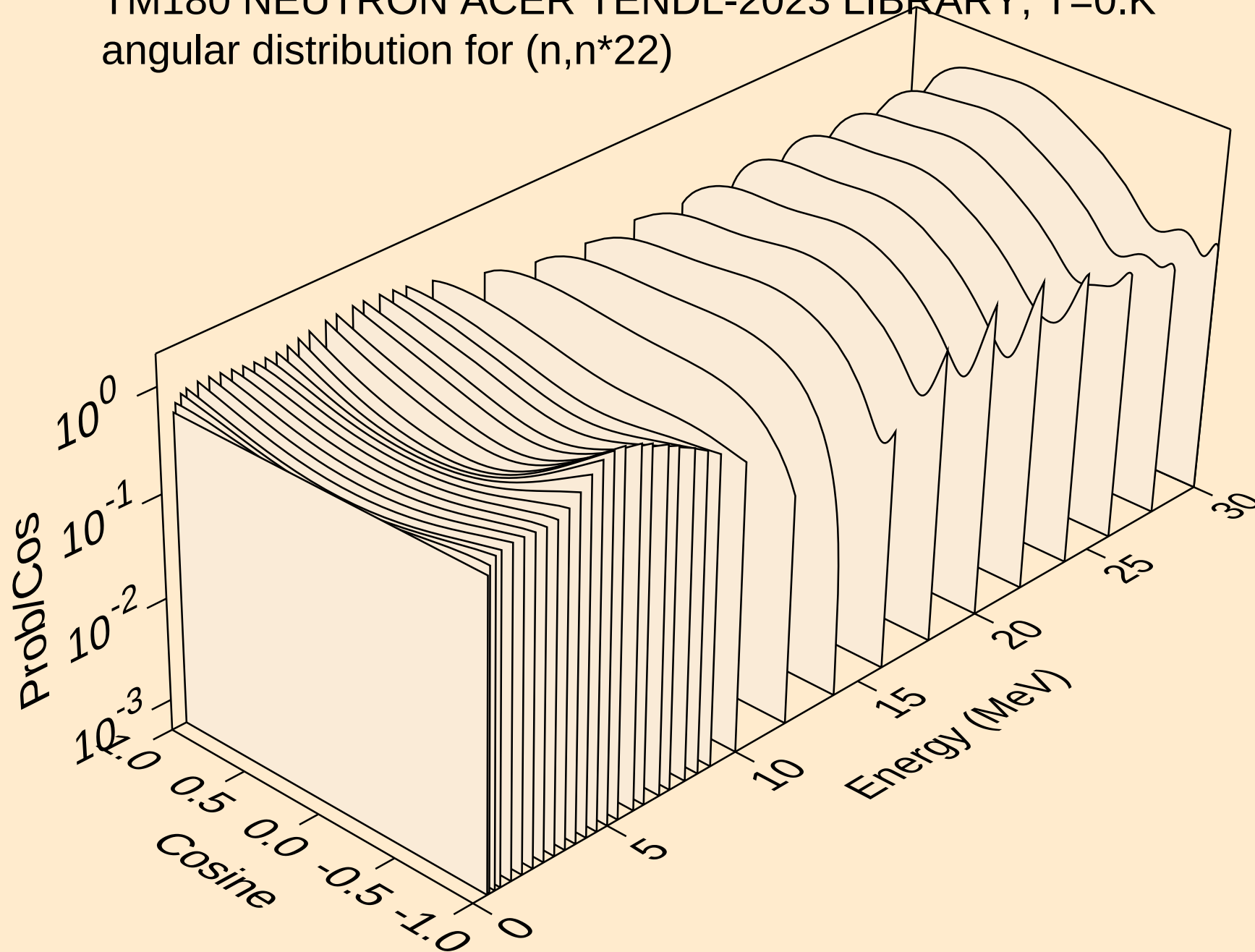
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angular distribution for (n,n*20)



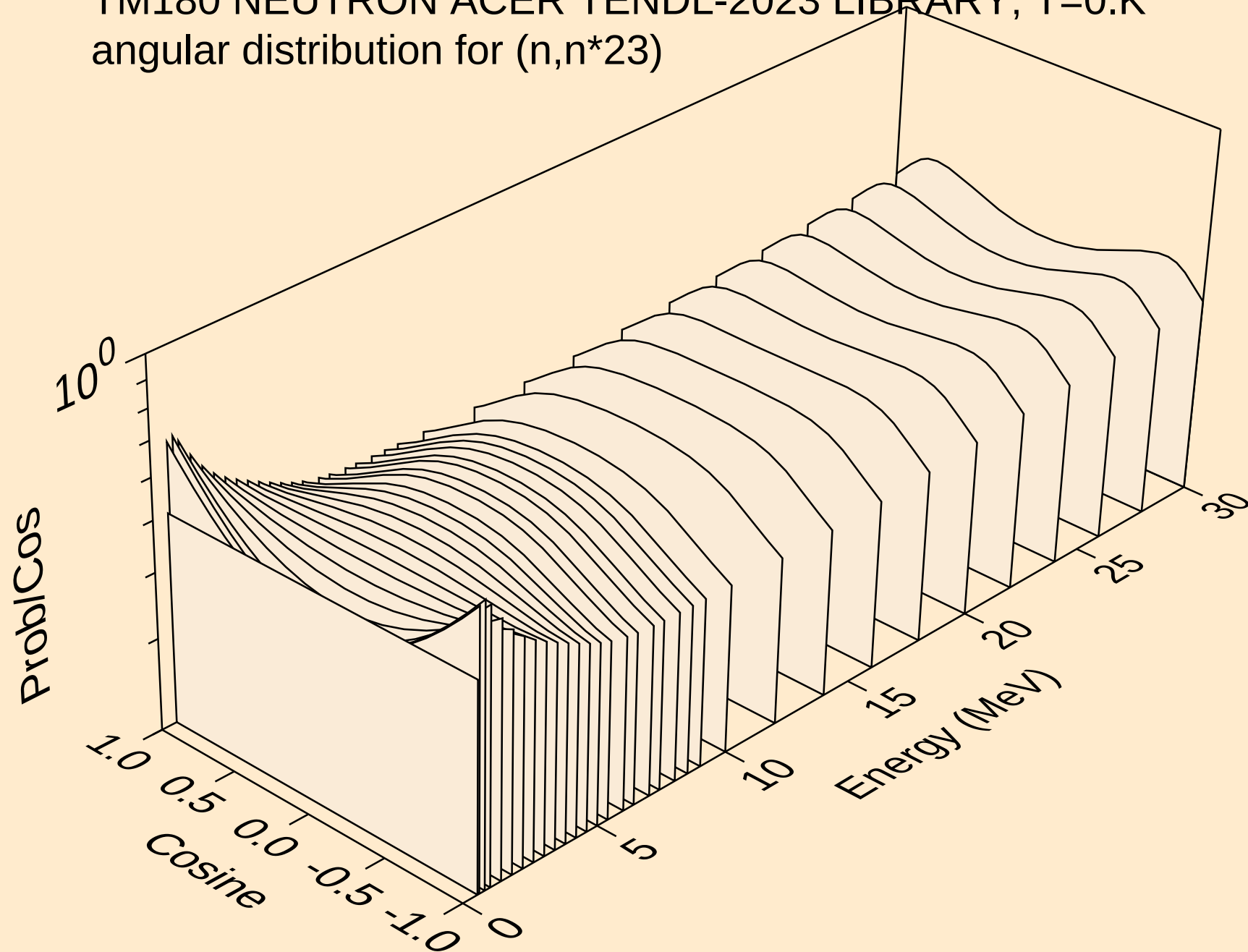
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angular distribution for (n,n*21)



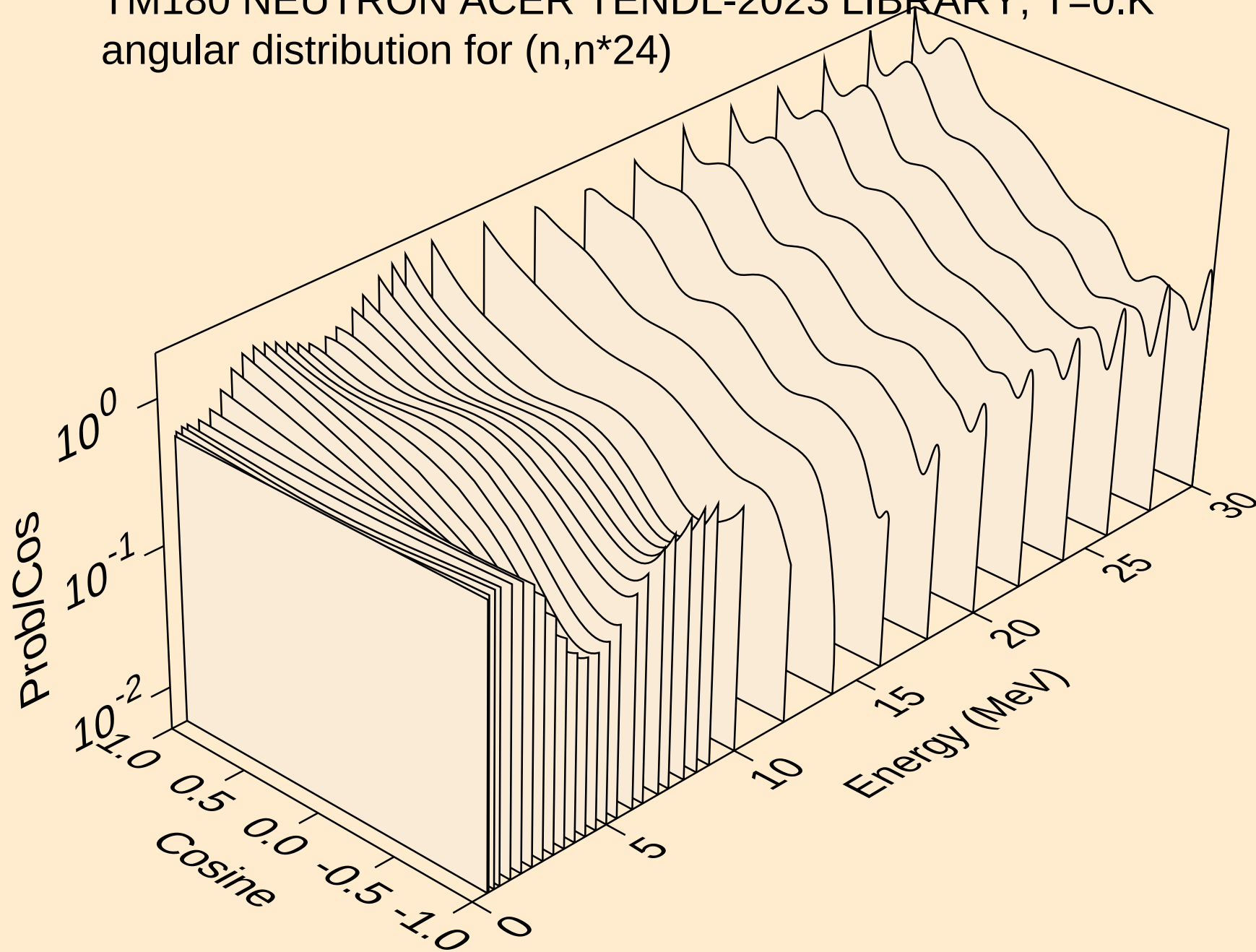
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angular distribution for (n,n*22)



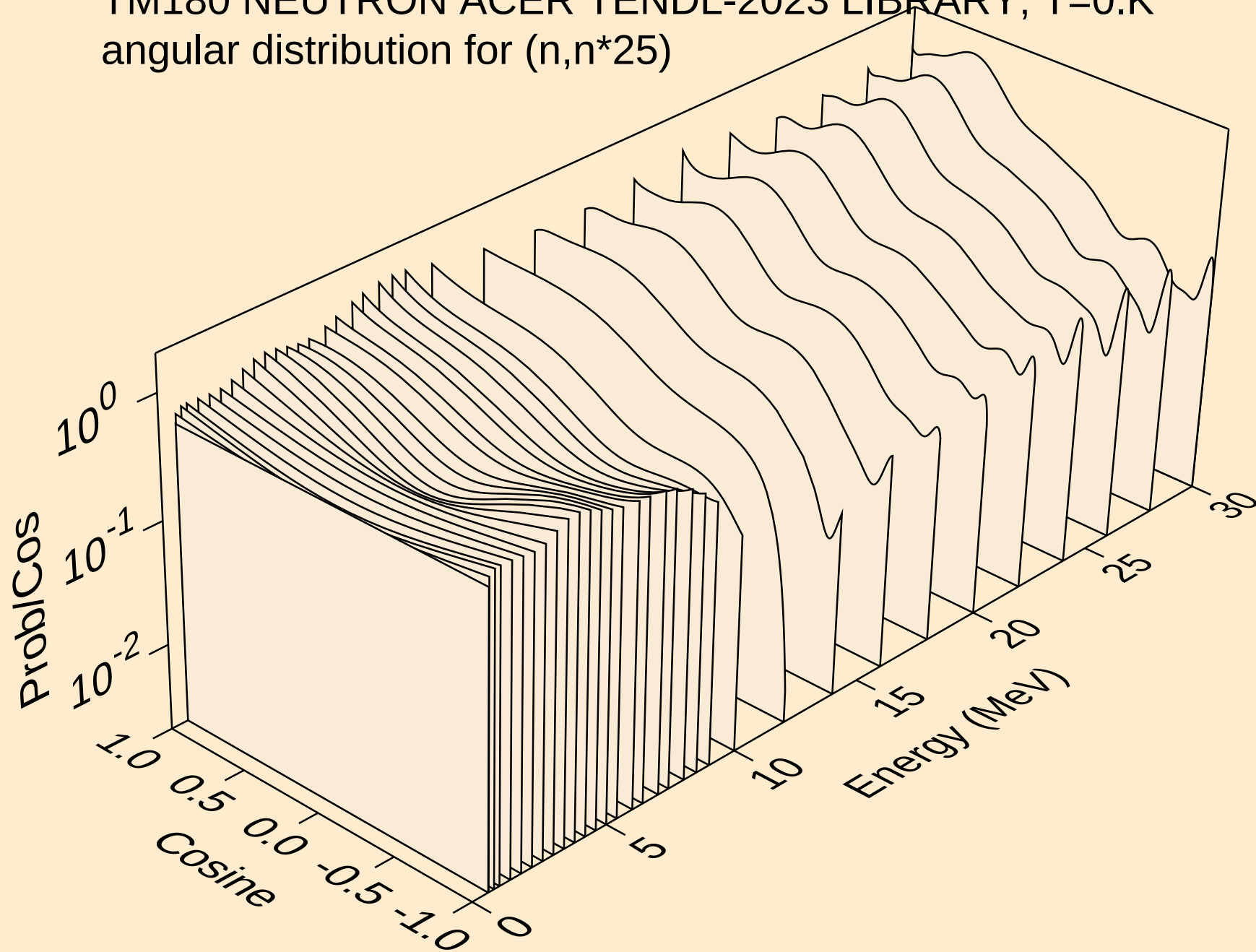
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angular distribution for (n,n*23)



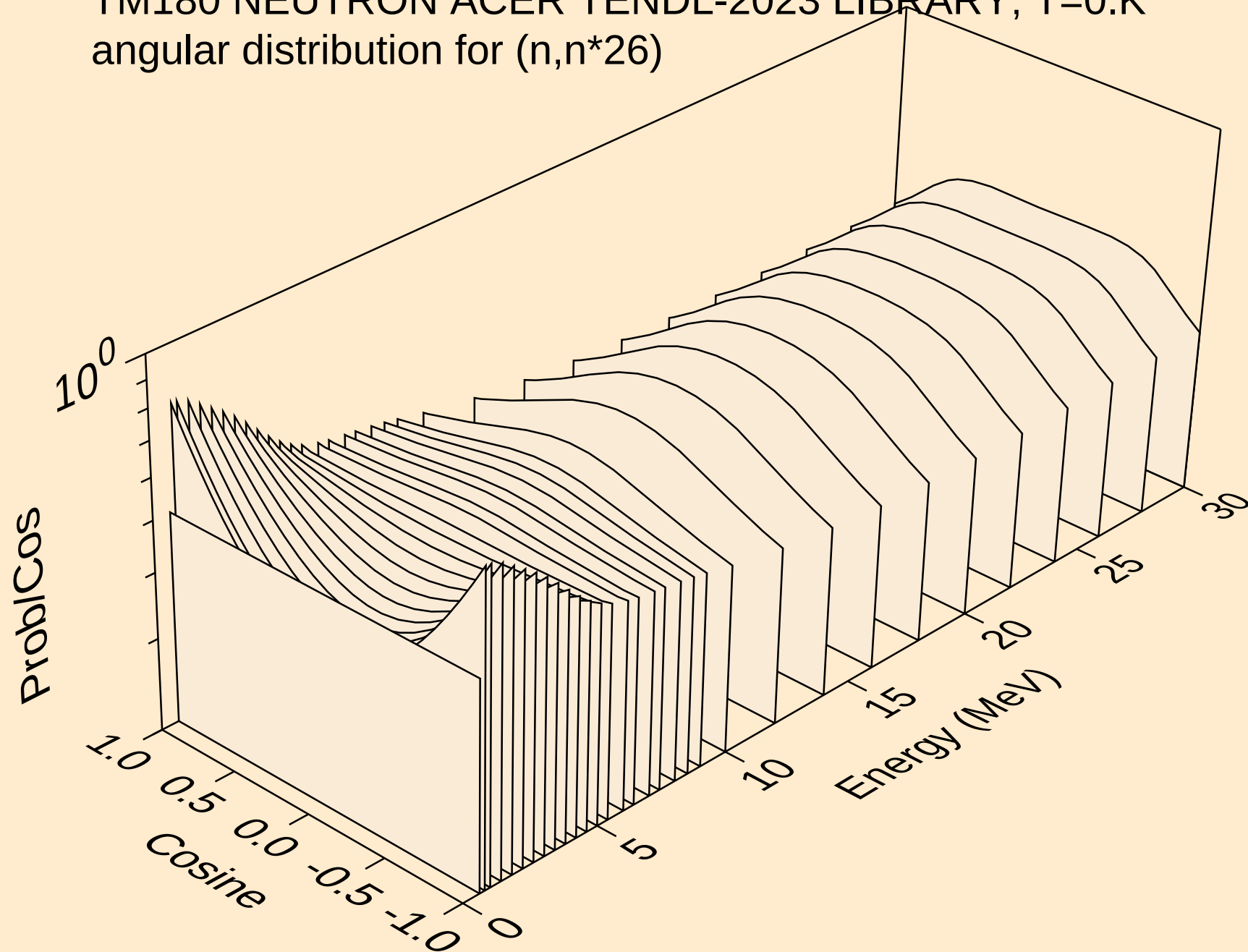
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angular distribution for (n,n*24)



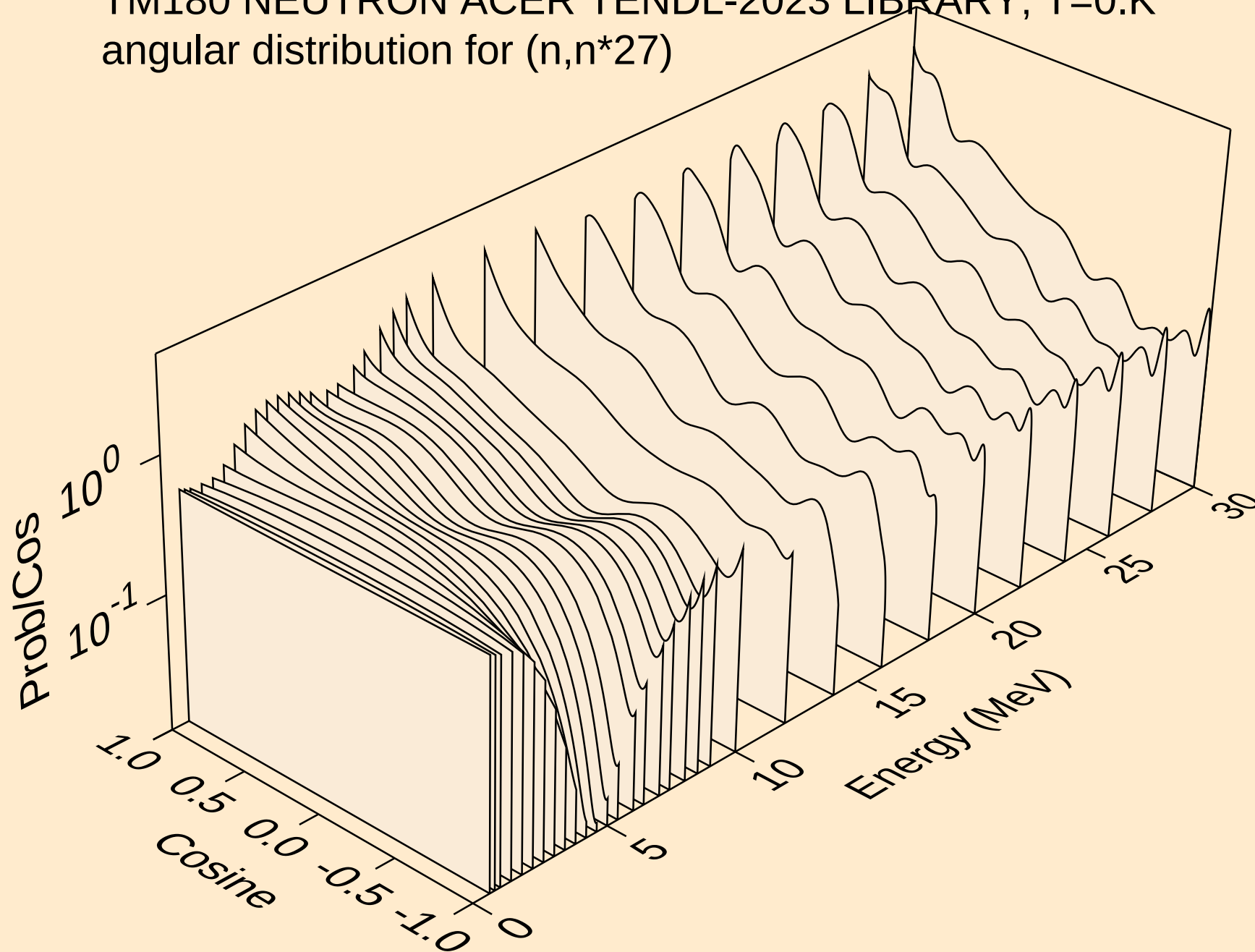
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



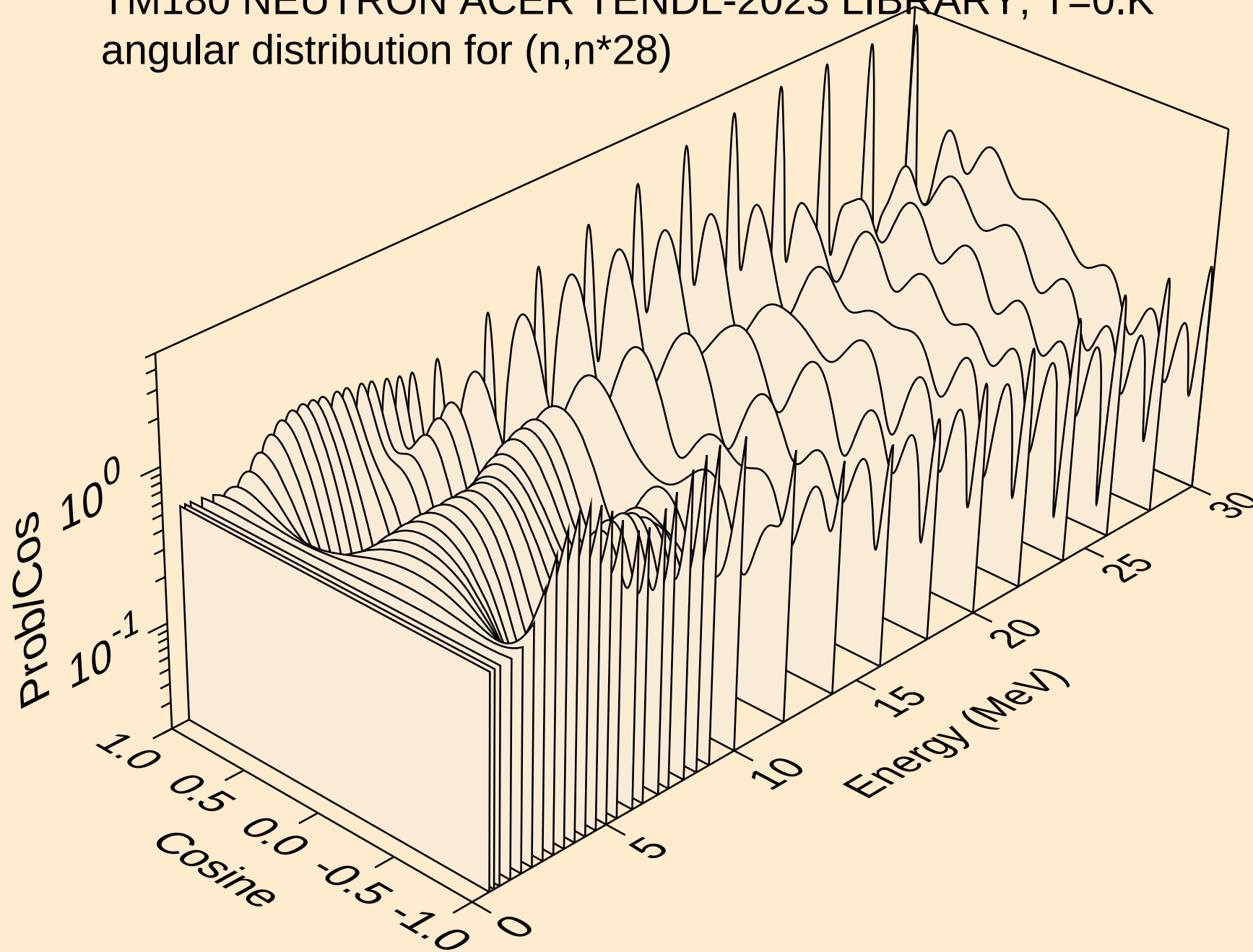
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



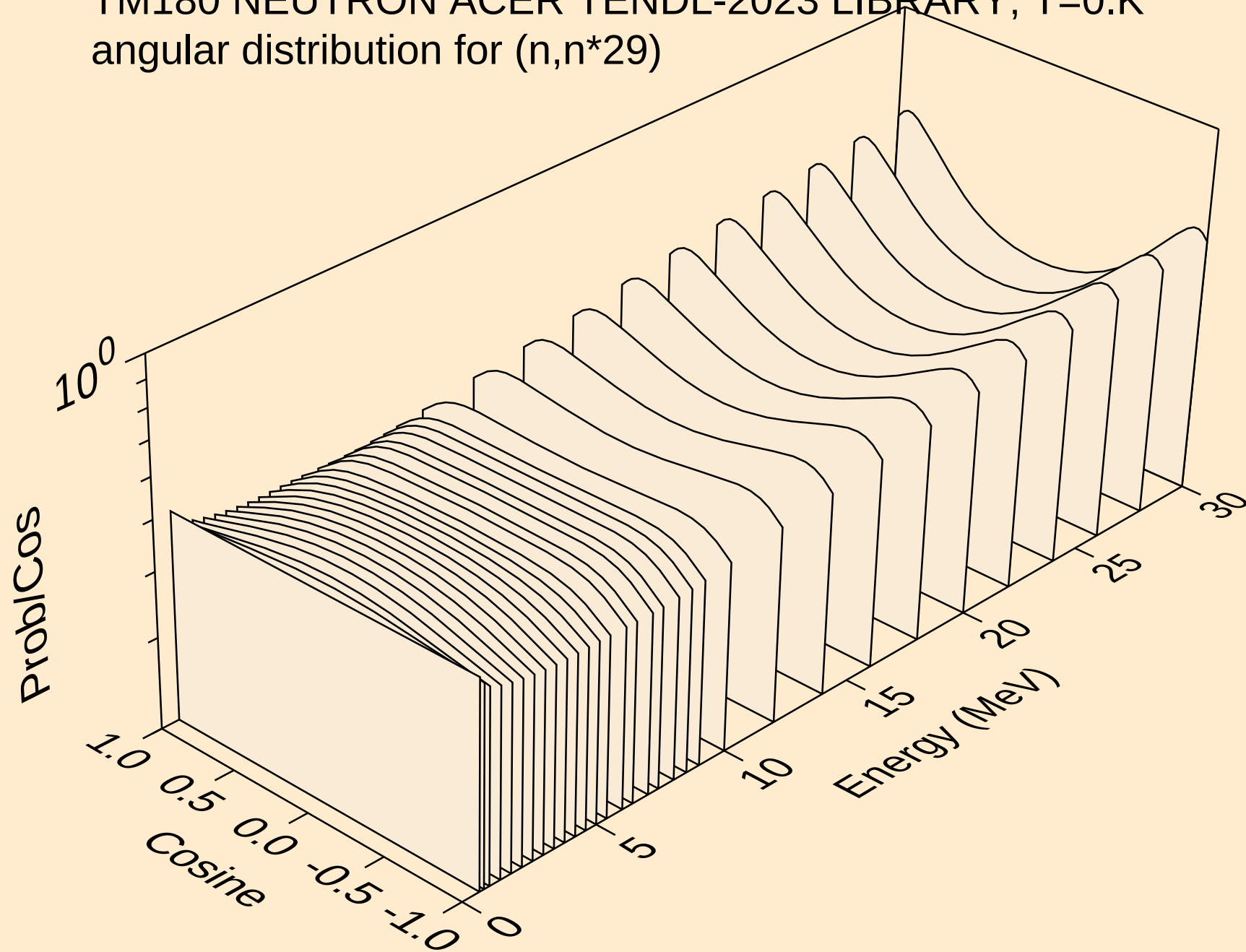
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



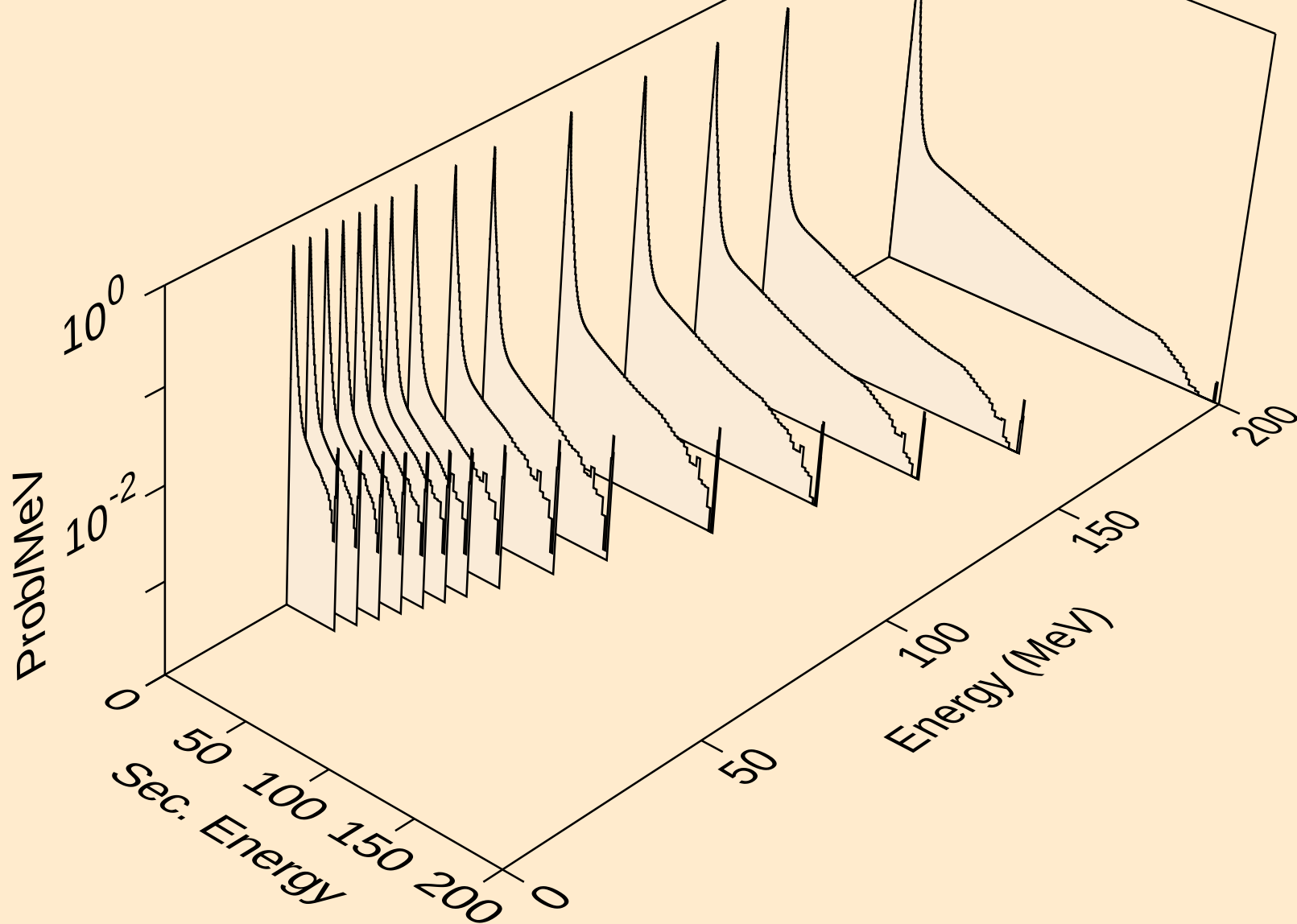
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



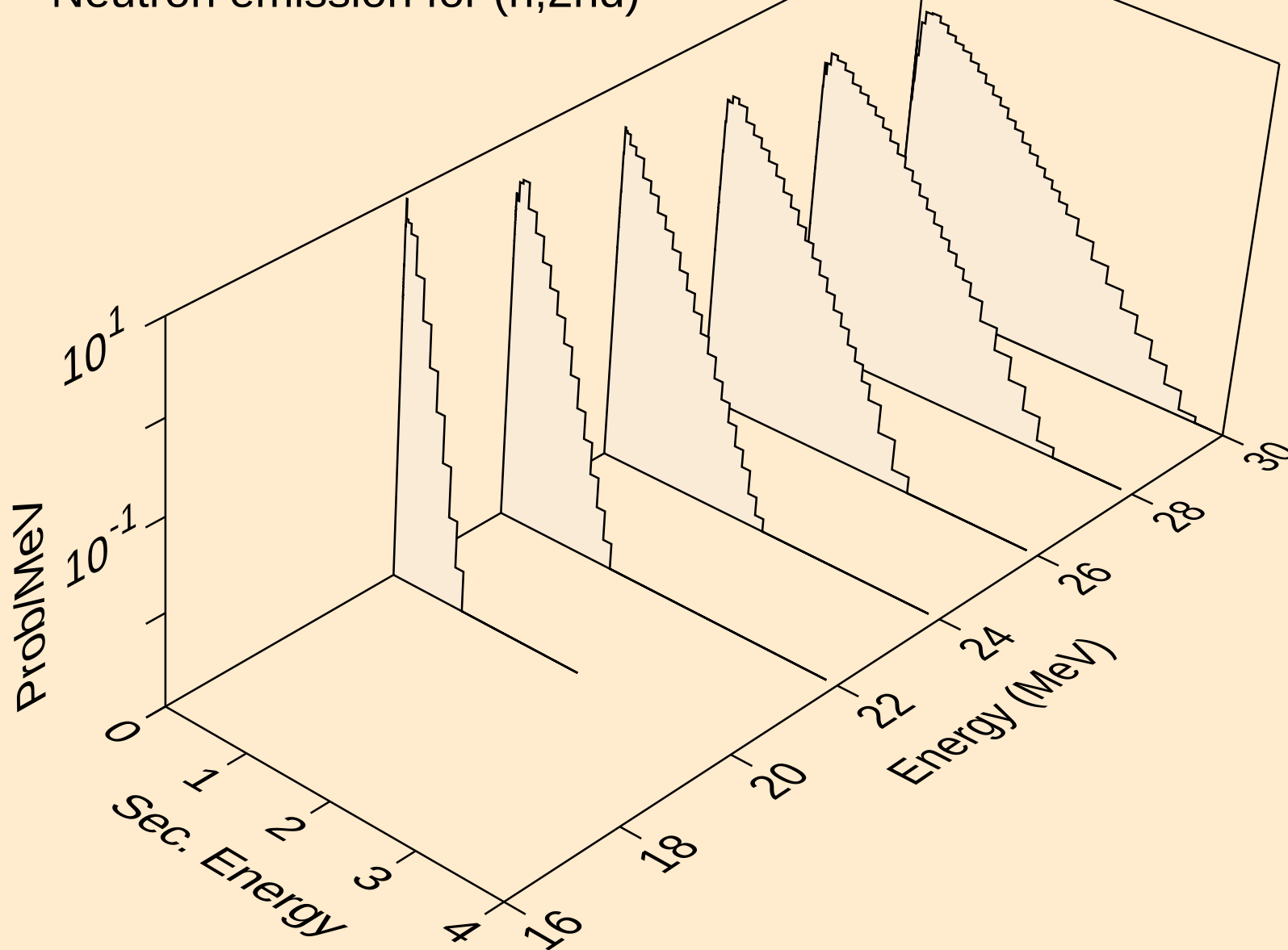
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)



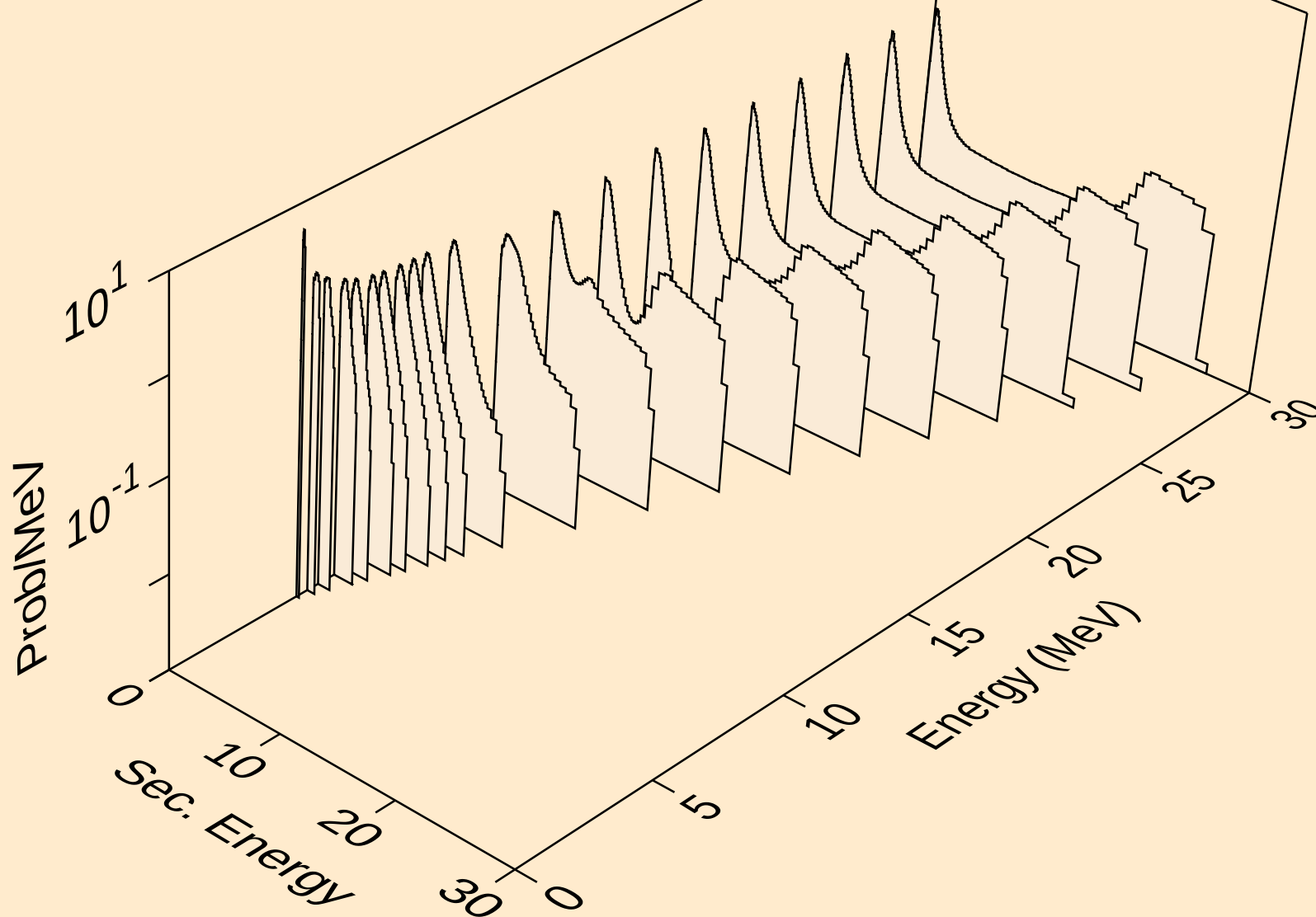
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



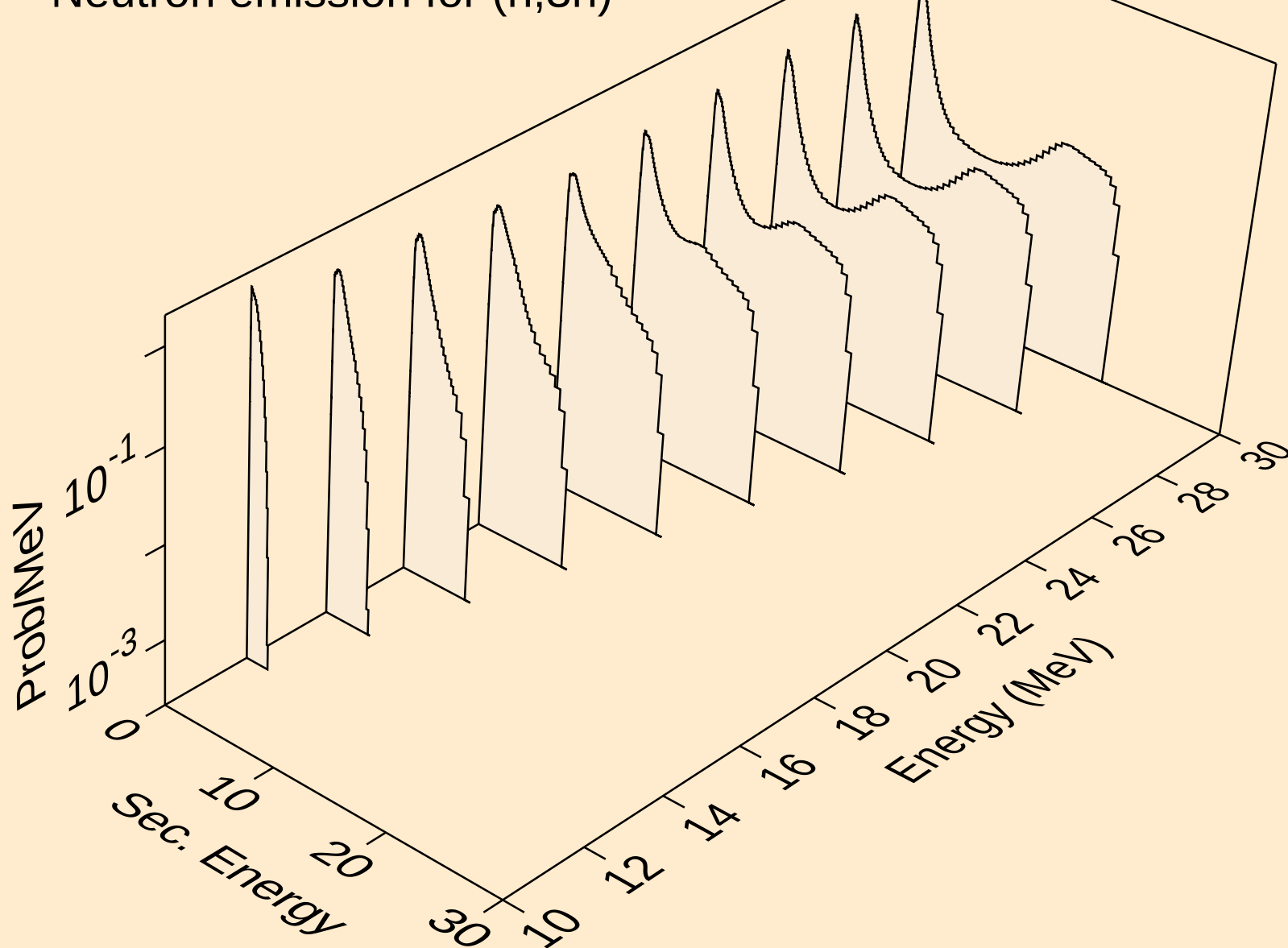
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



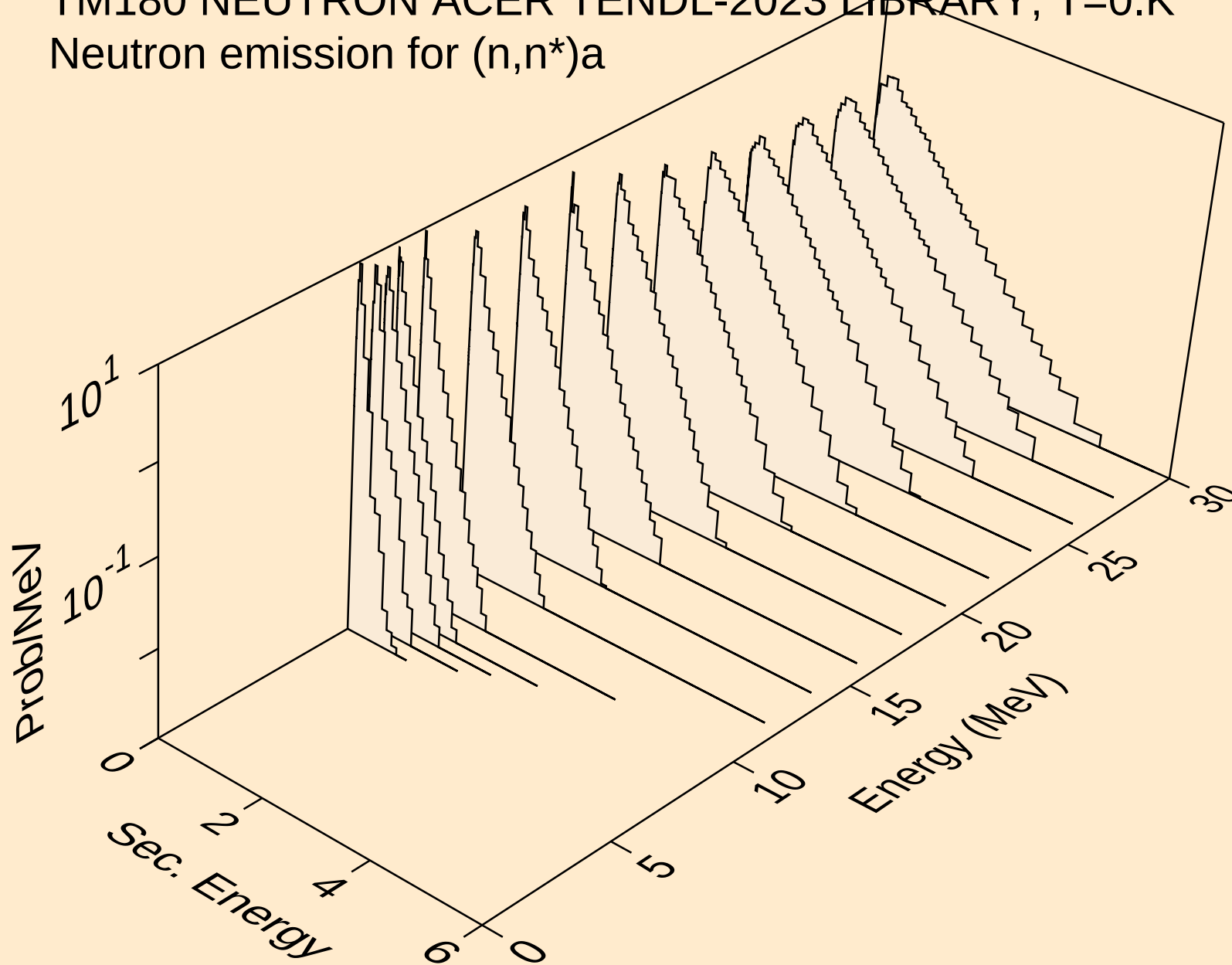
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



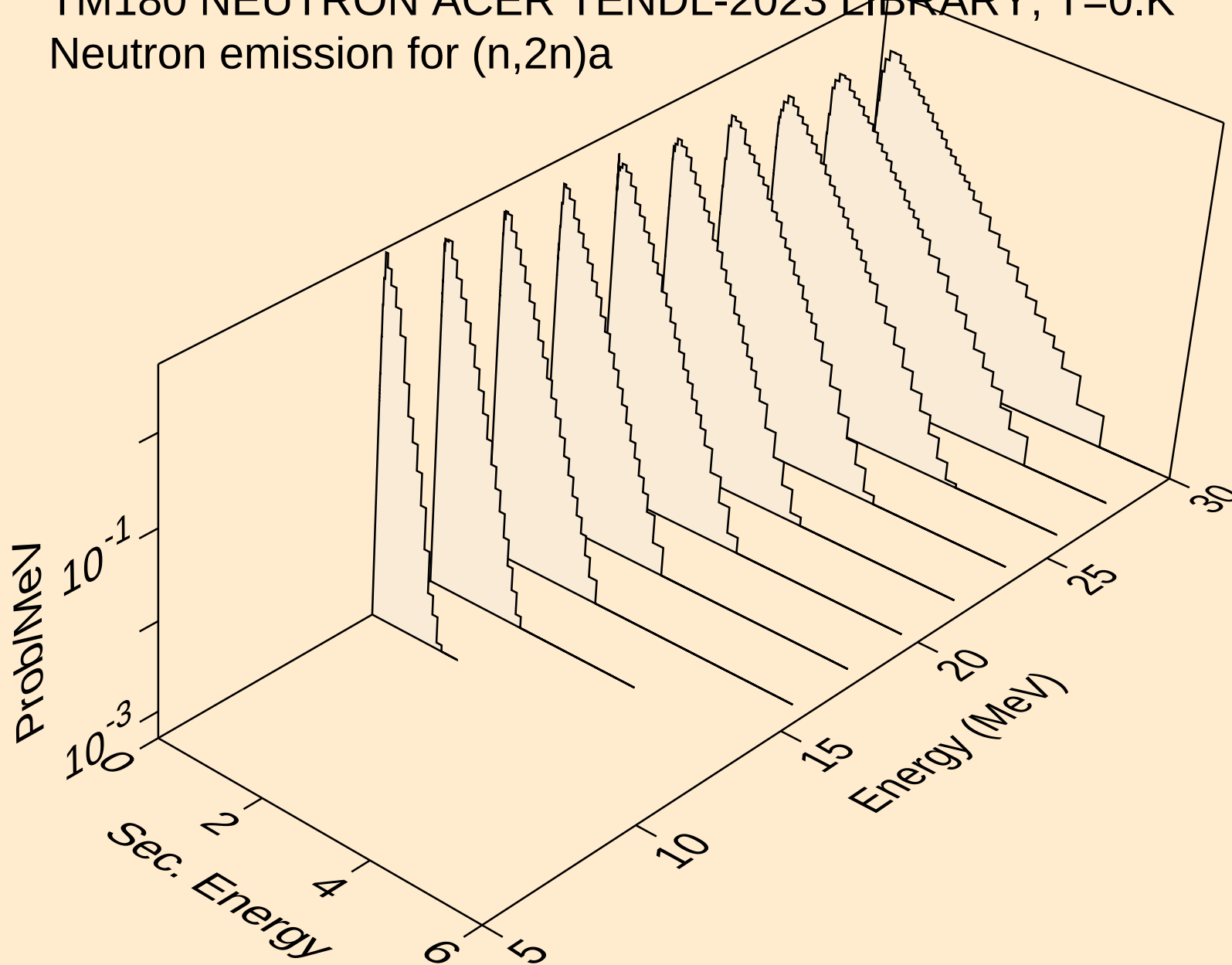
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



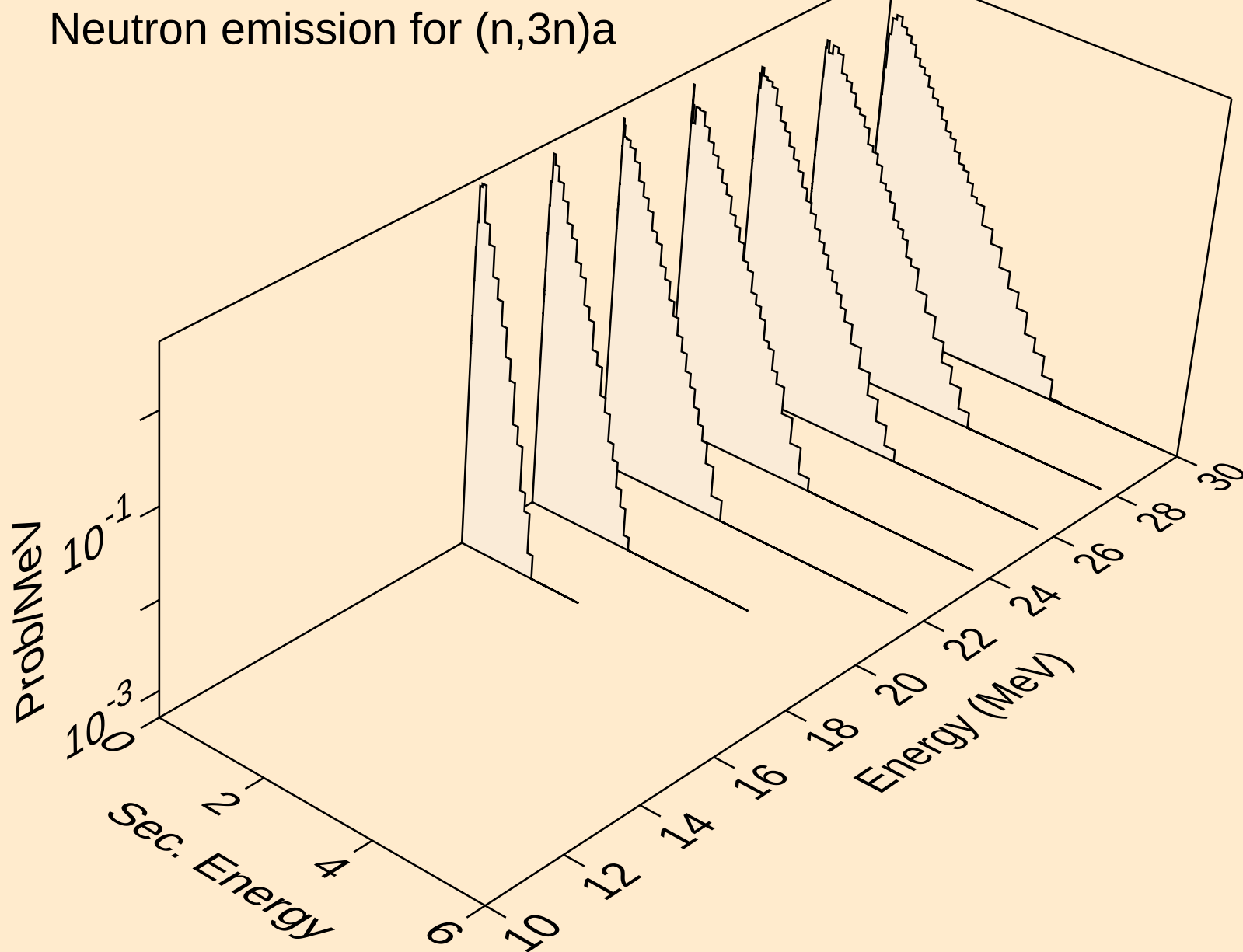
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



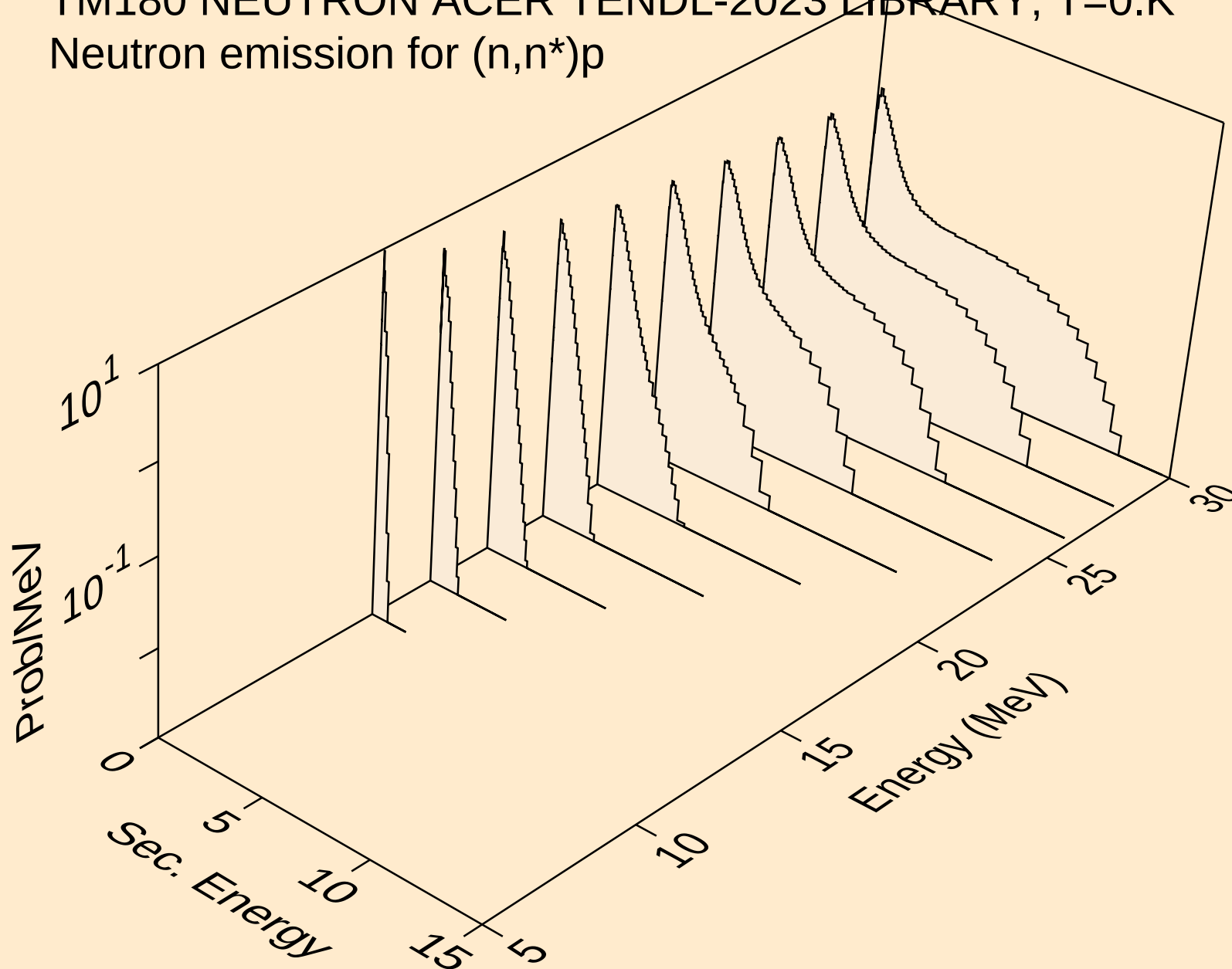
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



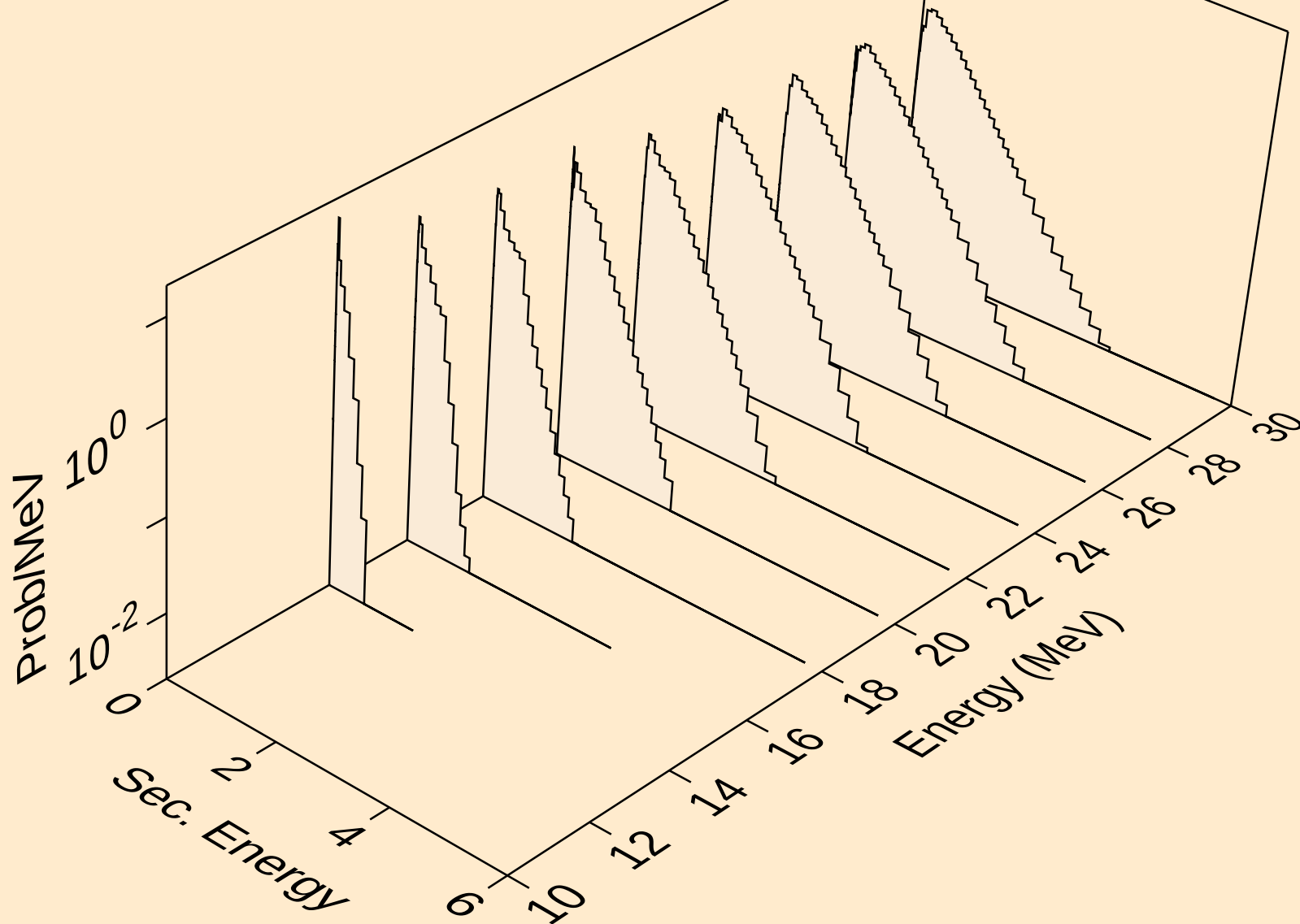
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Neutron emission for (n,3n)a



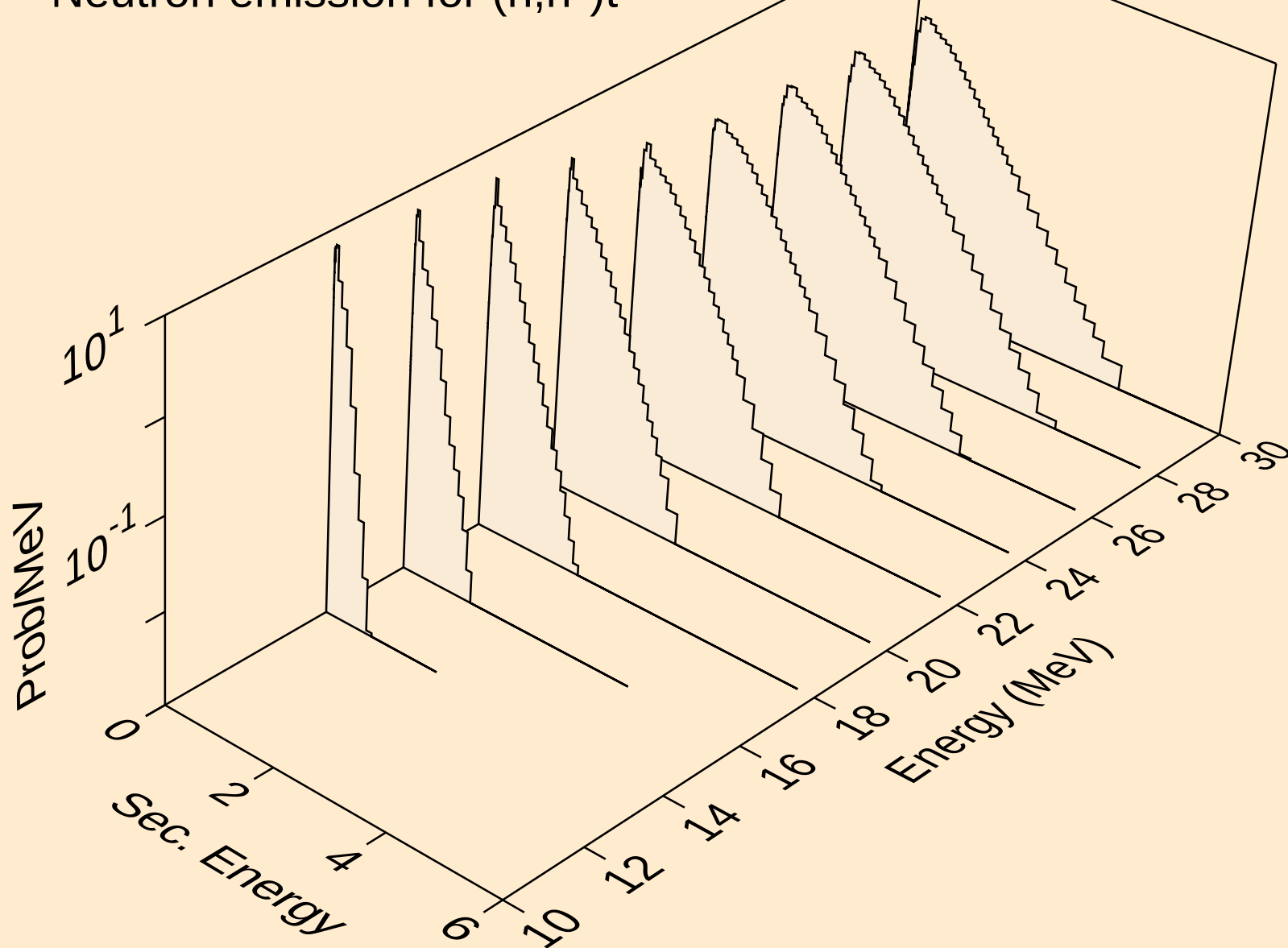
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



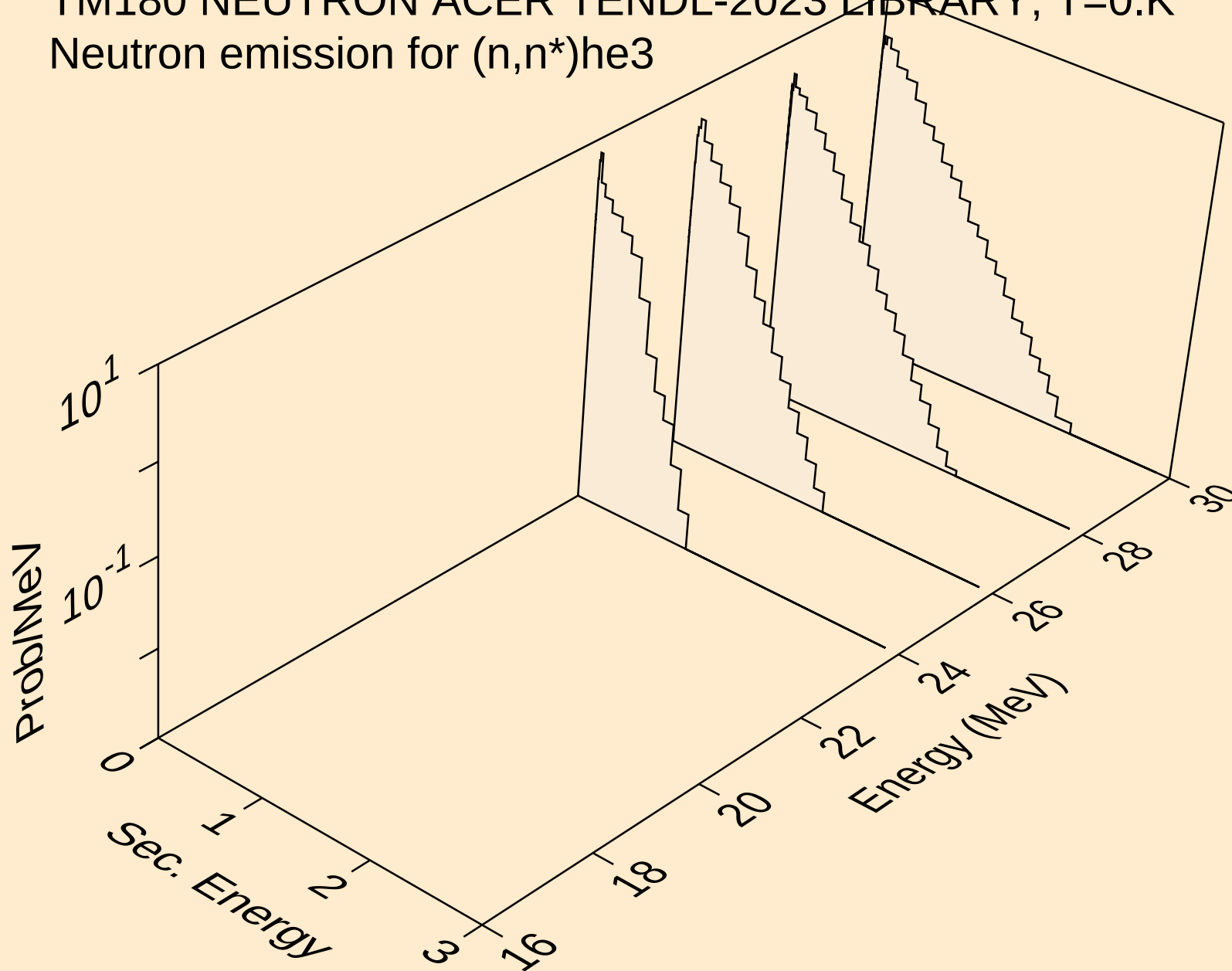
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



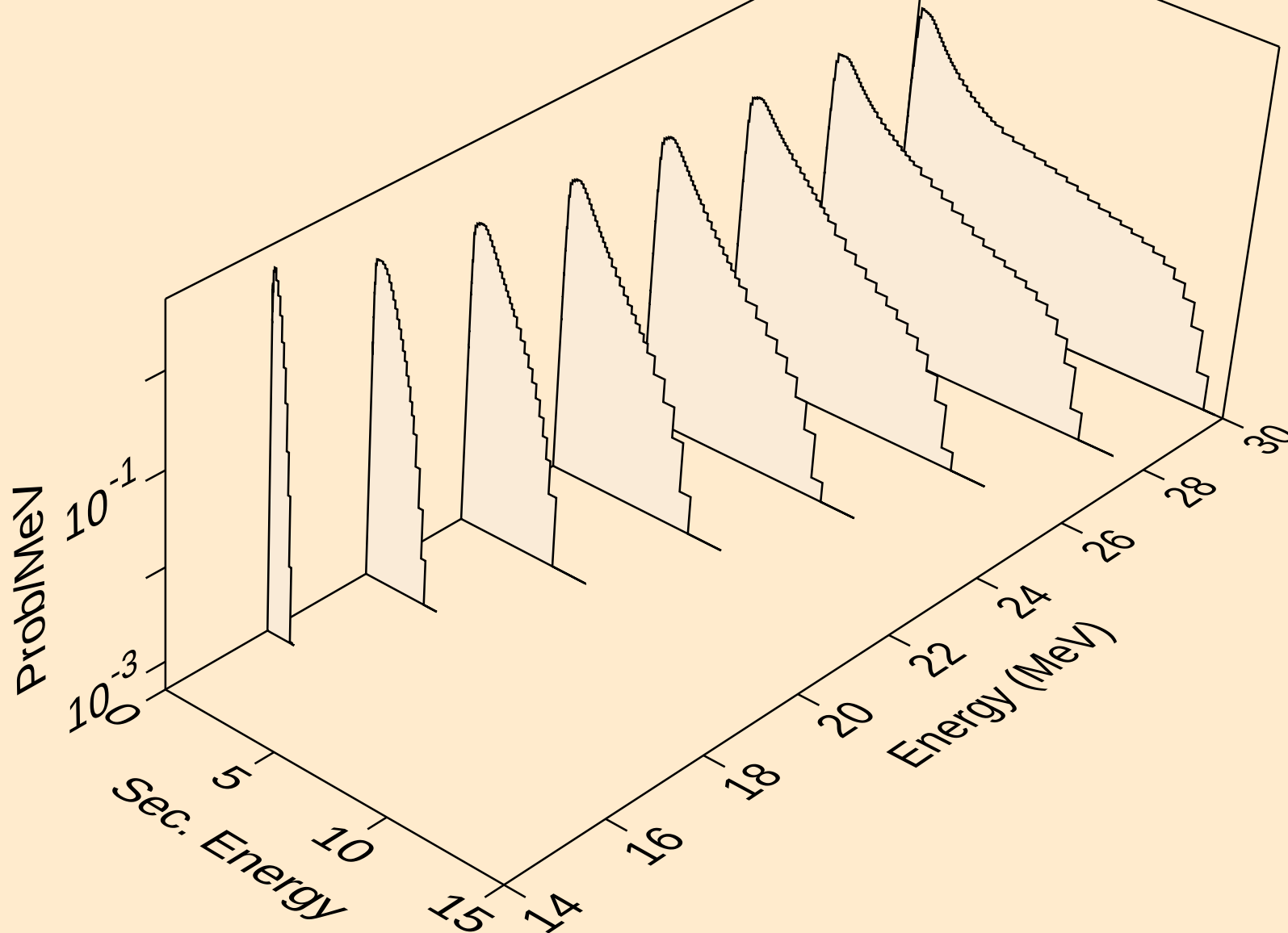
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



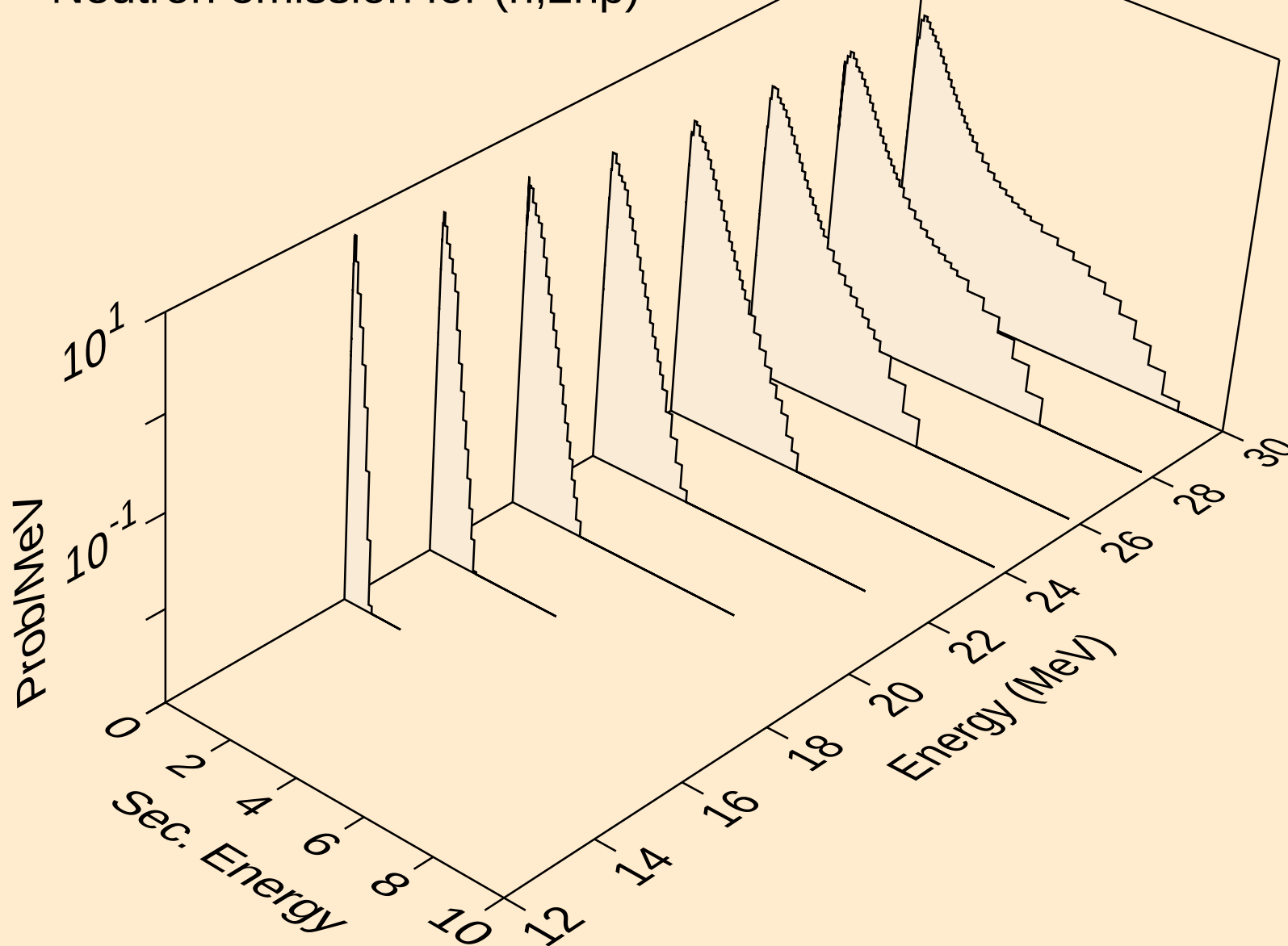
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



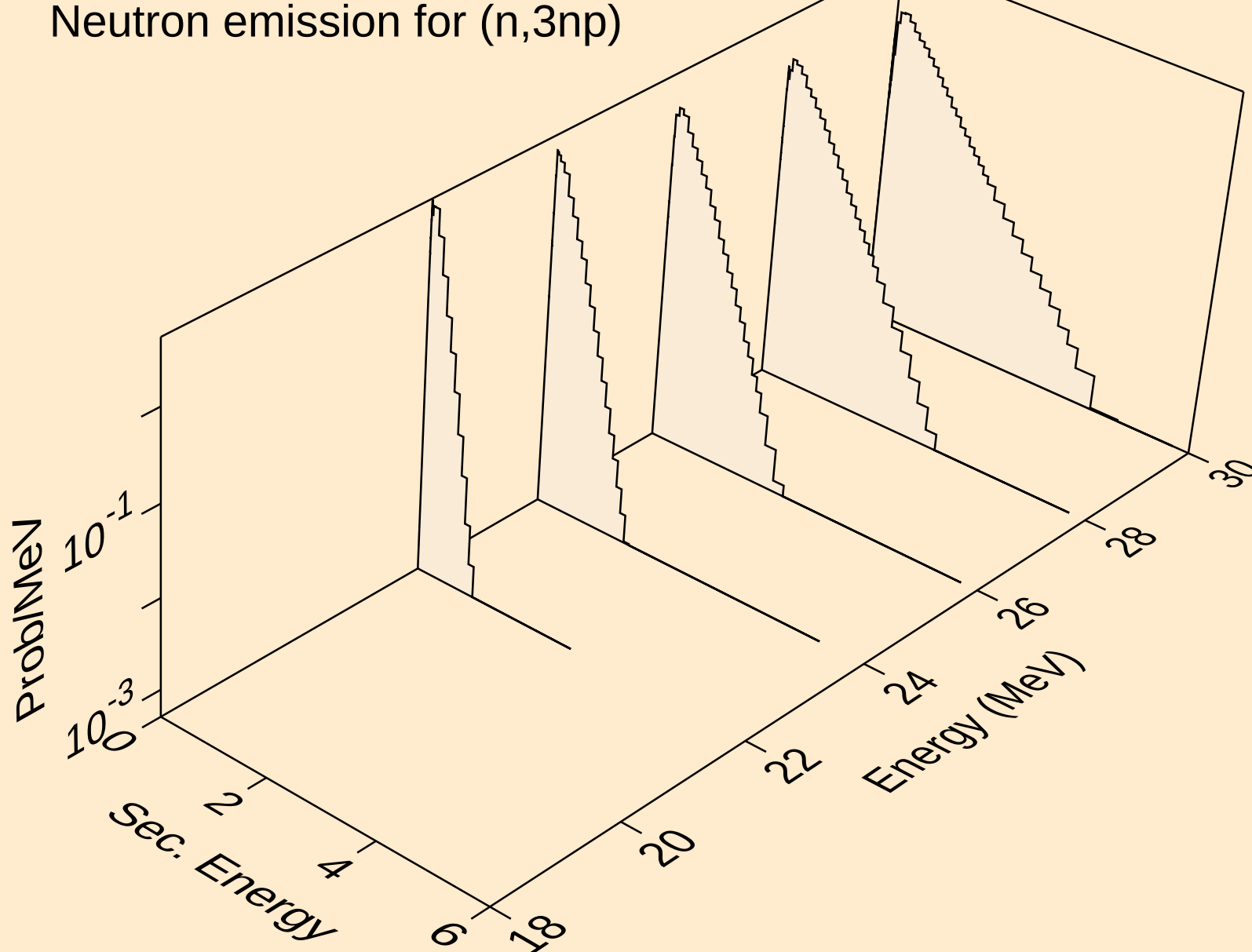
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



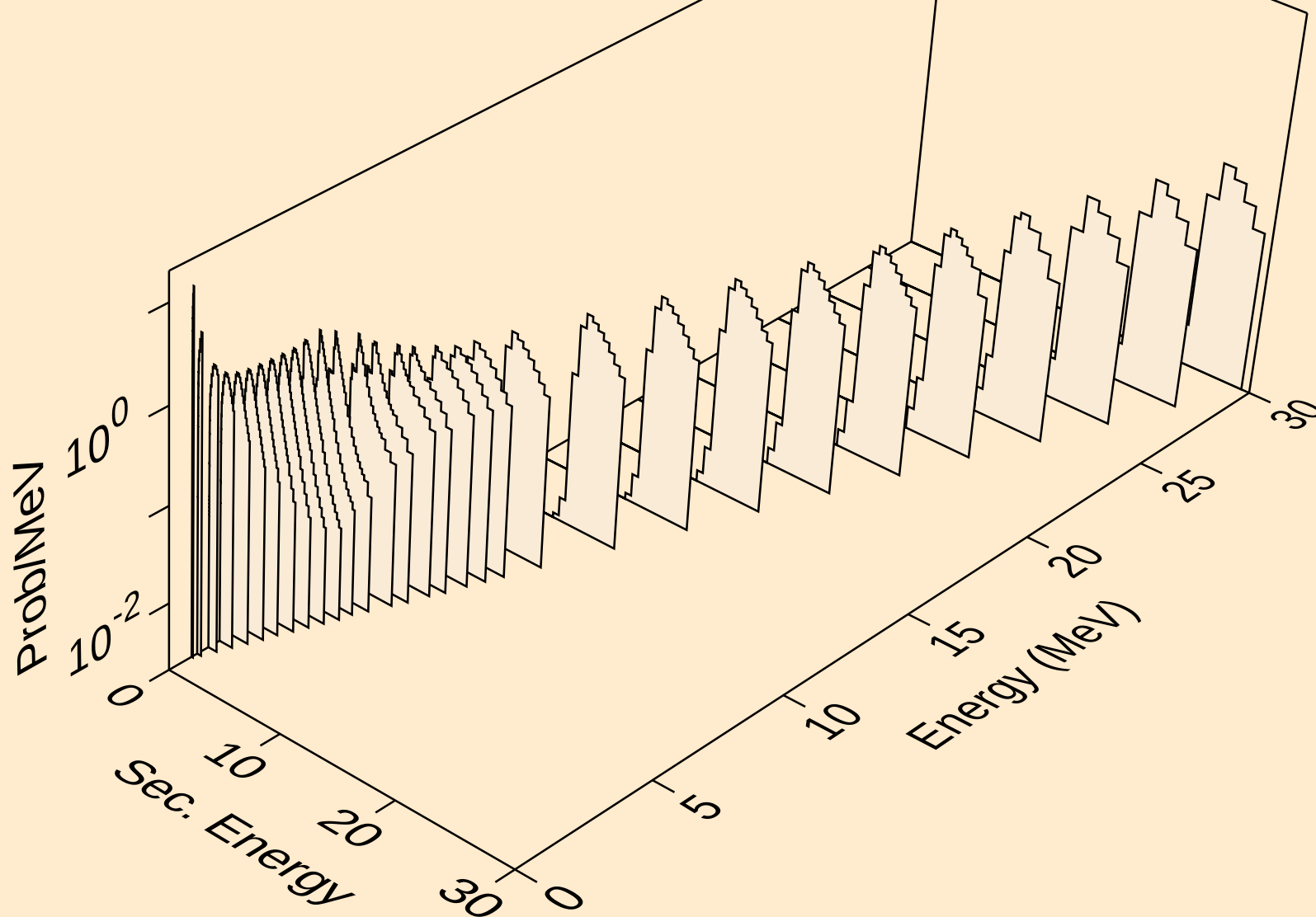
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



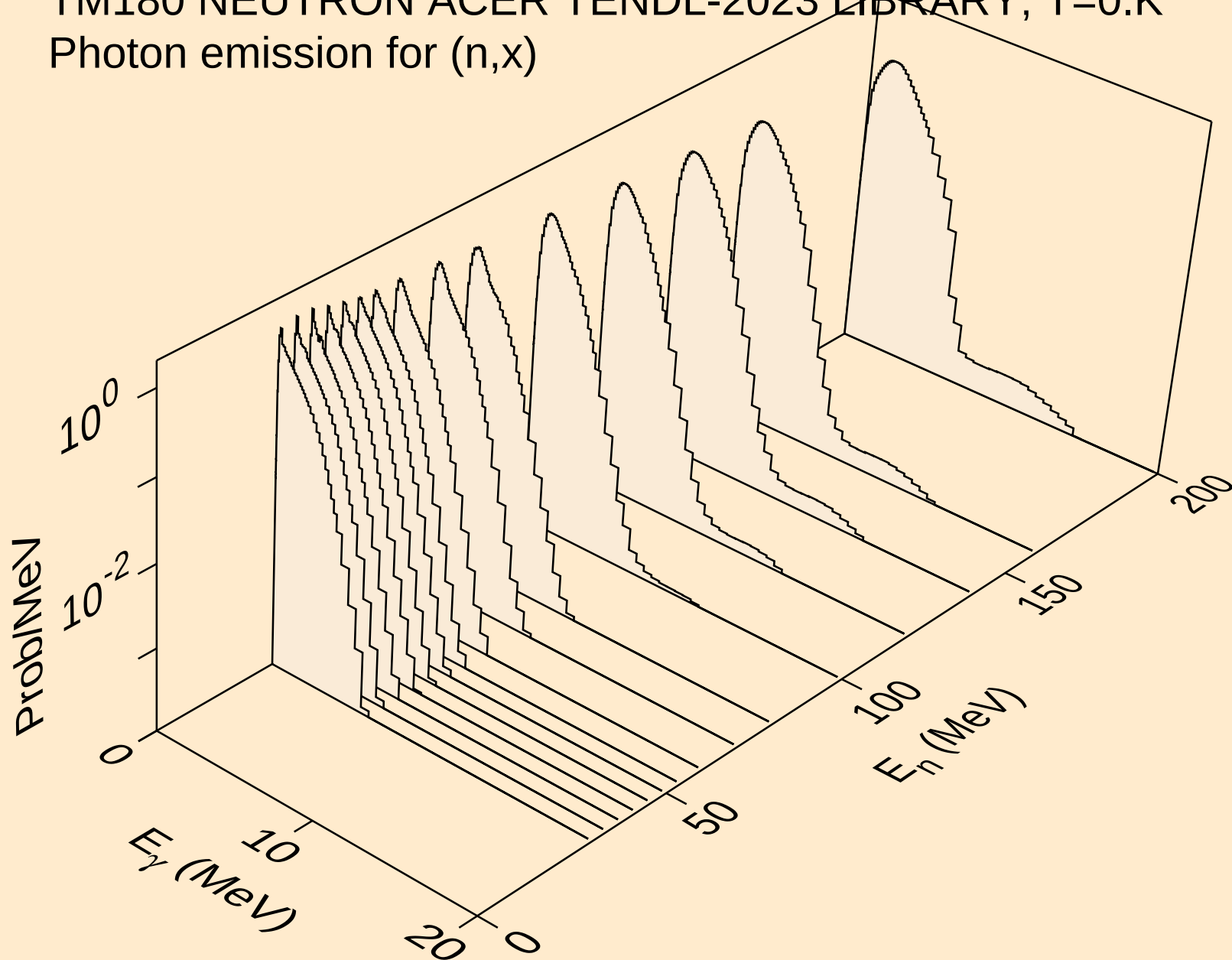
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



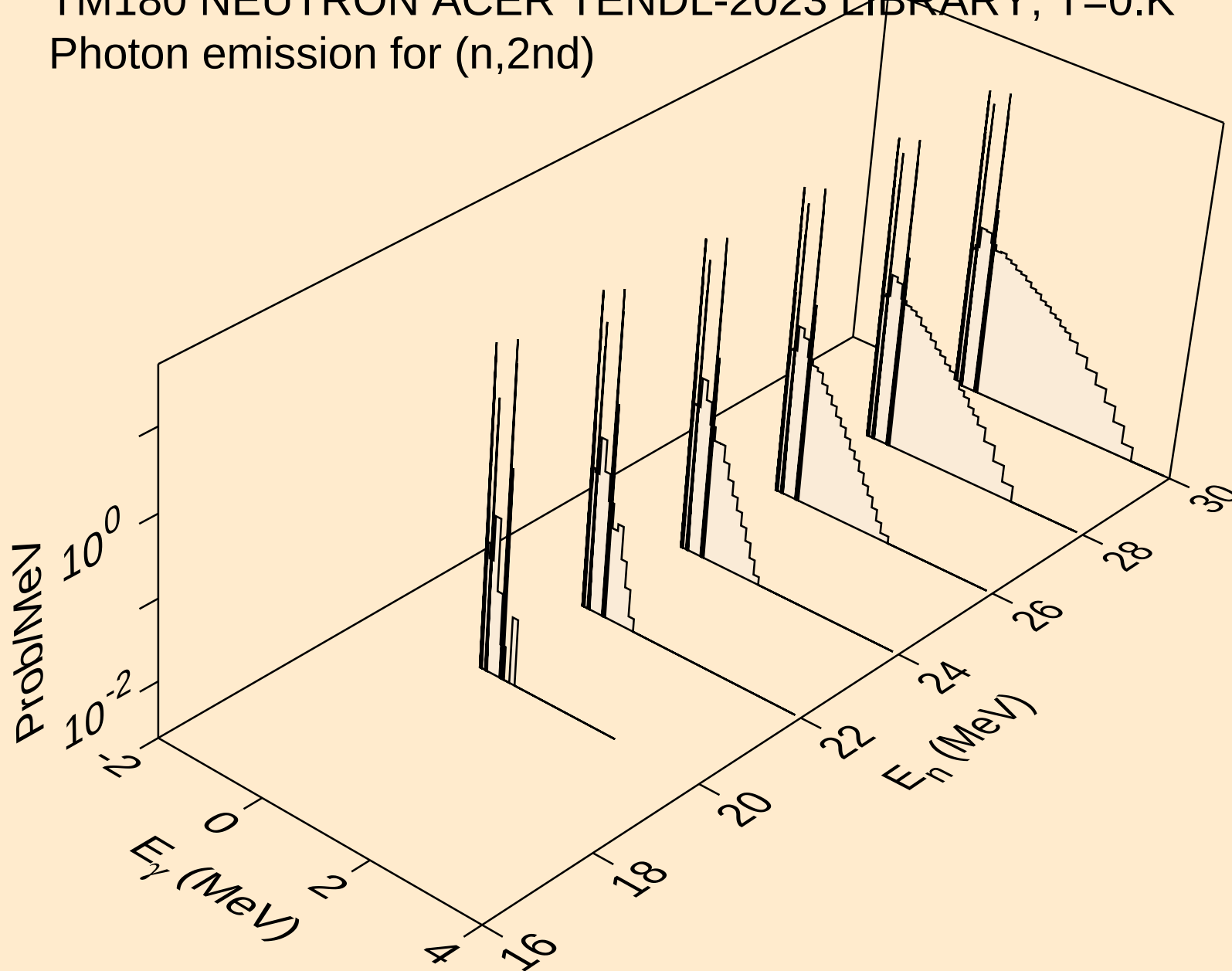
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



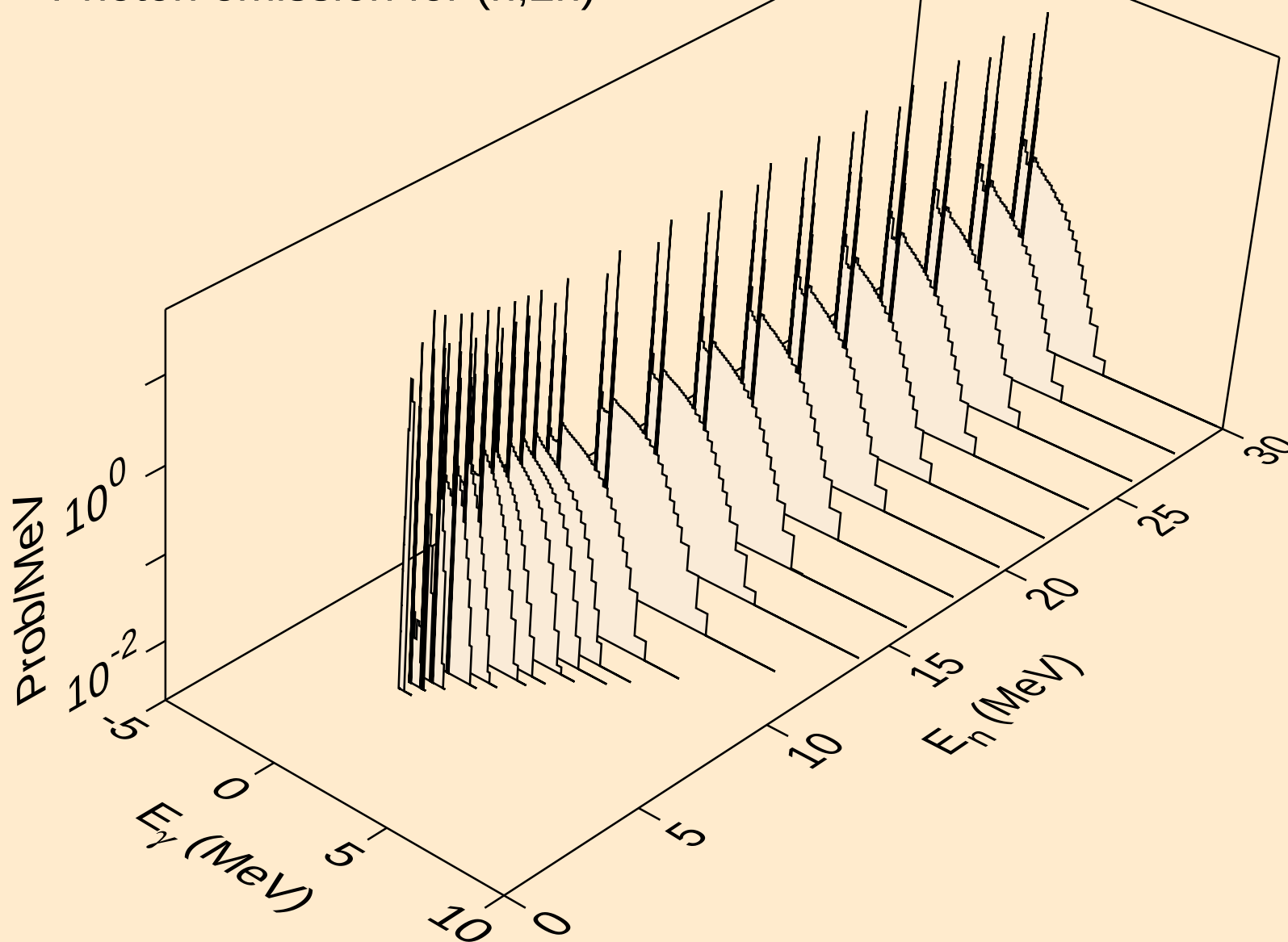
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



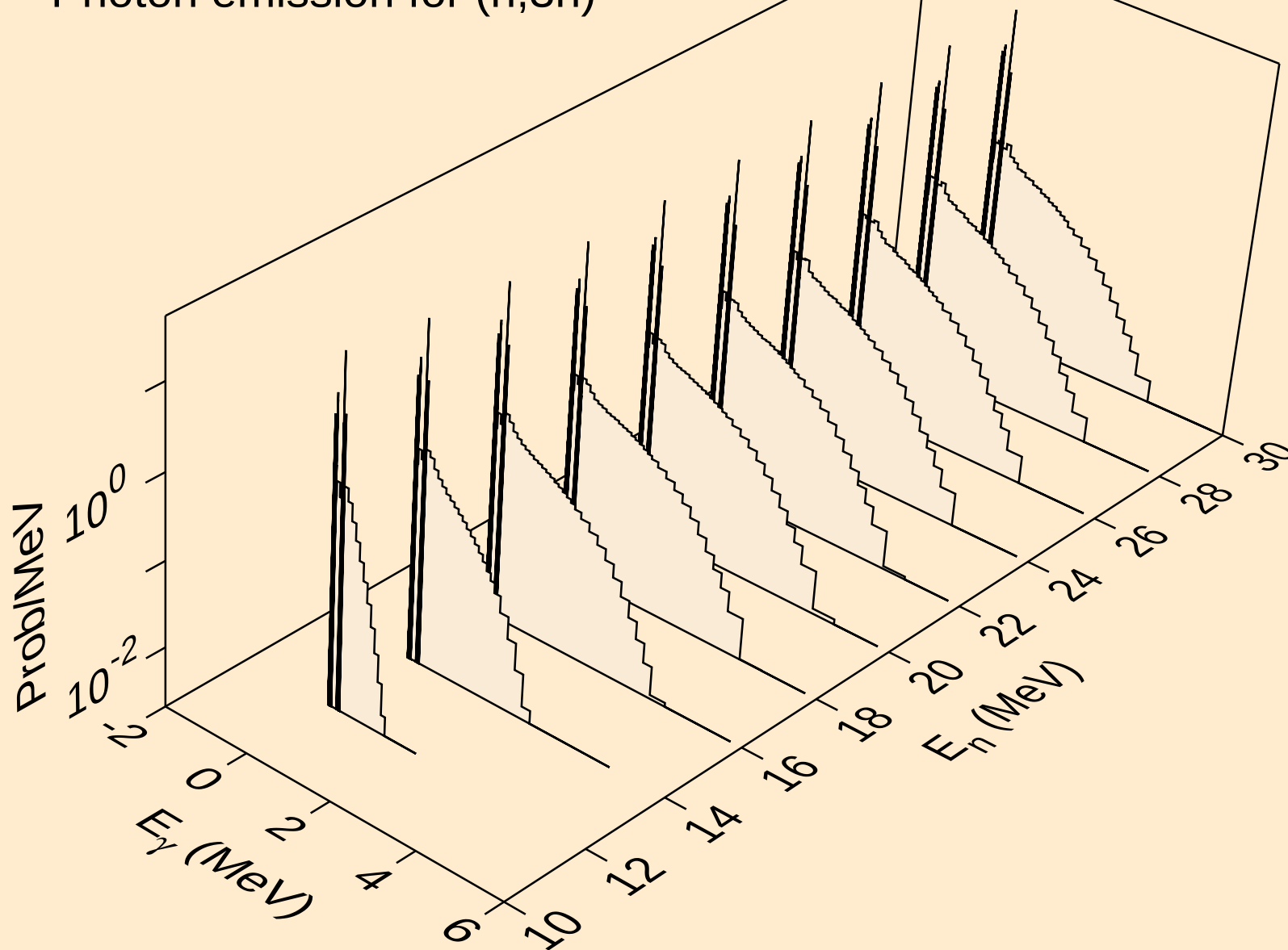
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



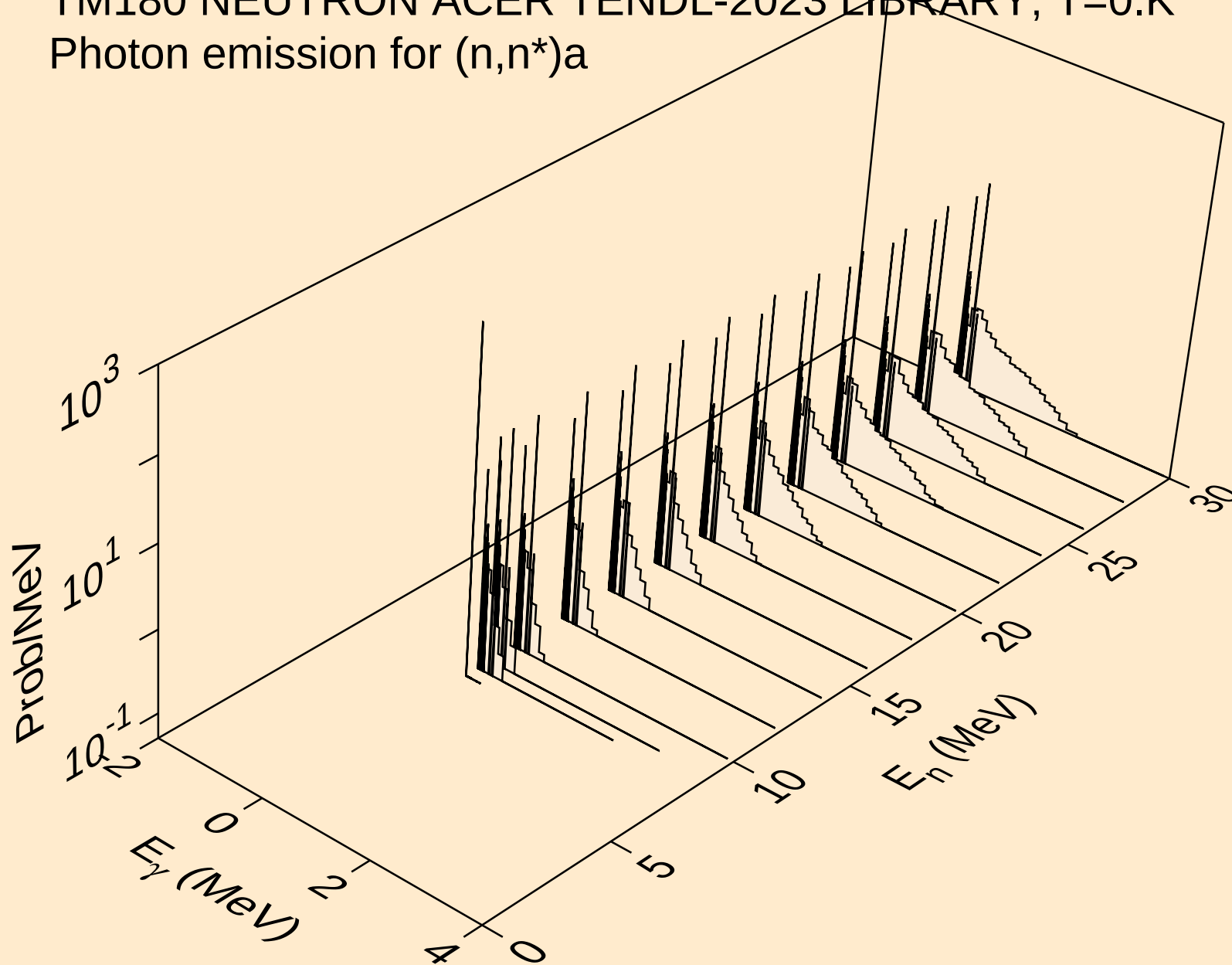
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



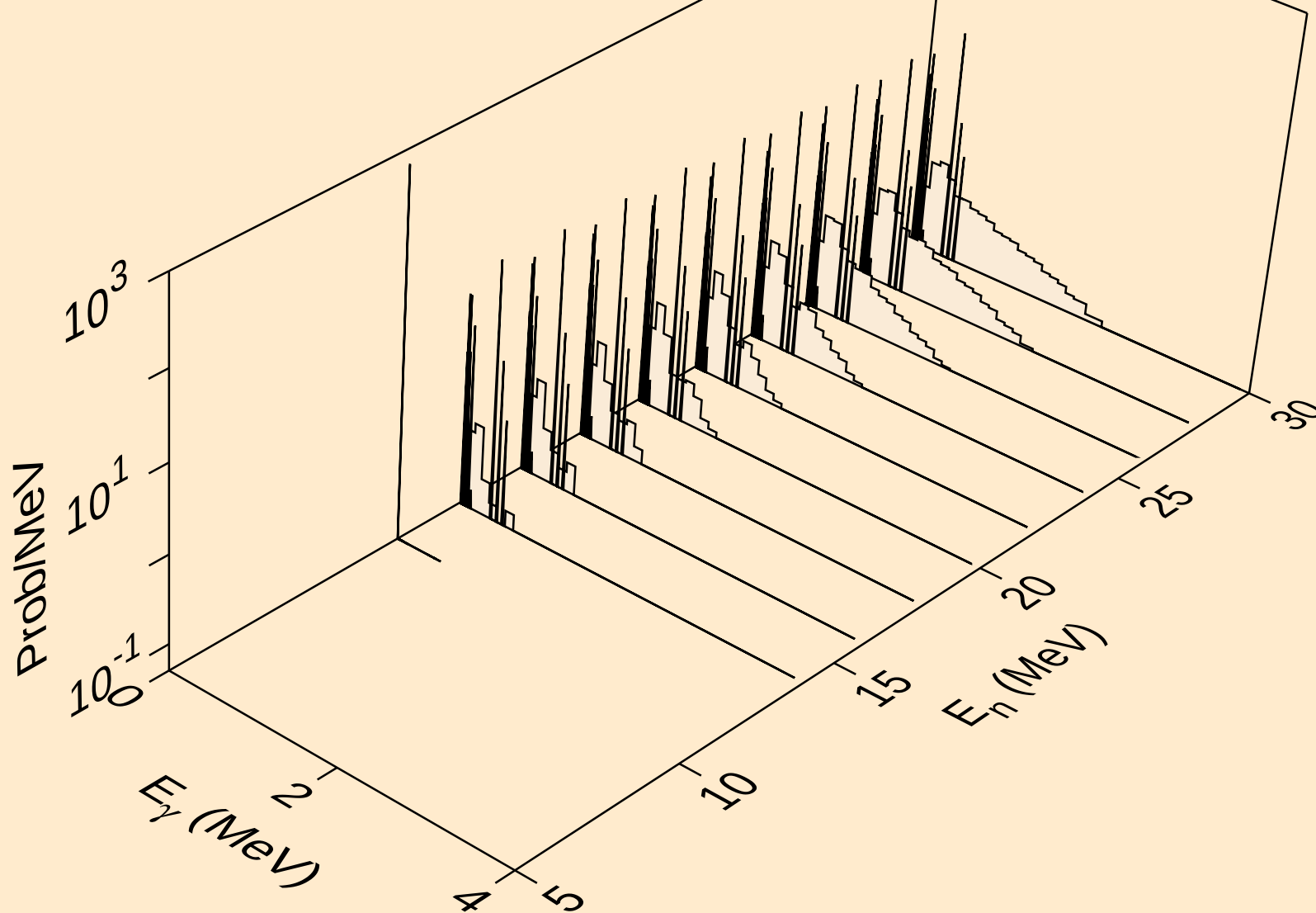
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



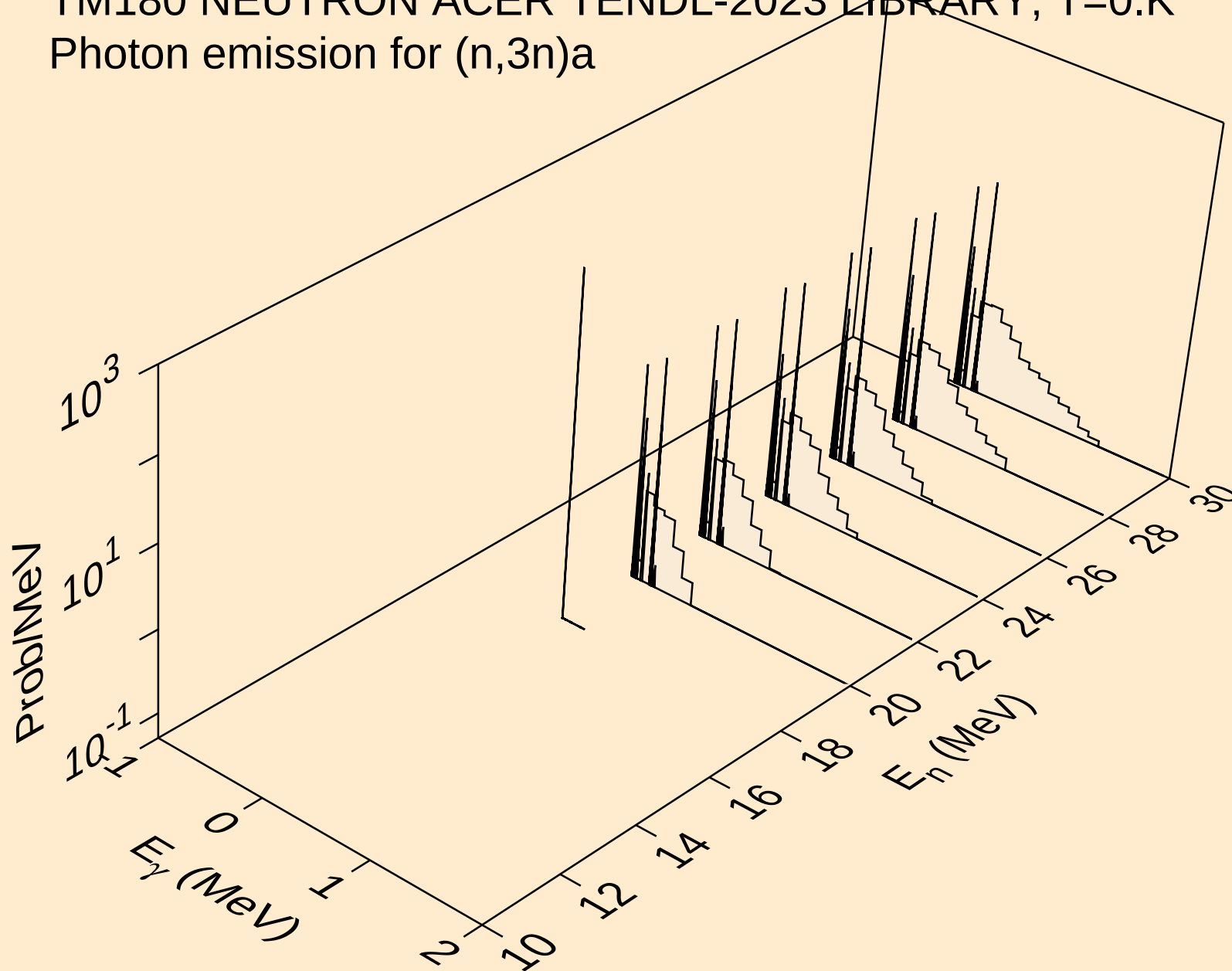
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a

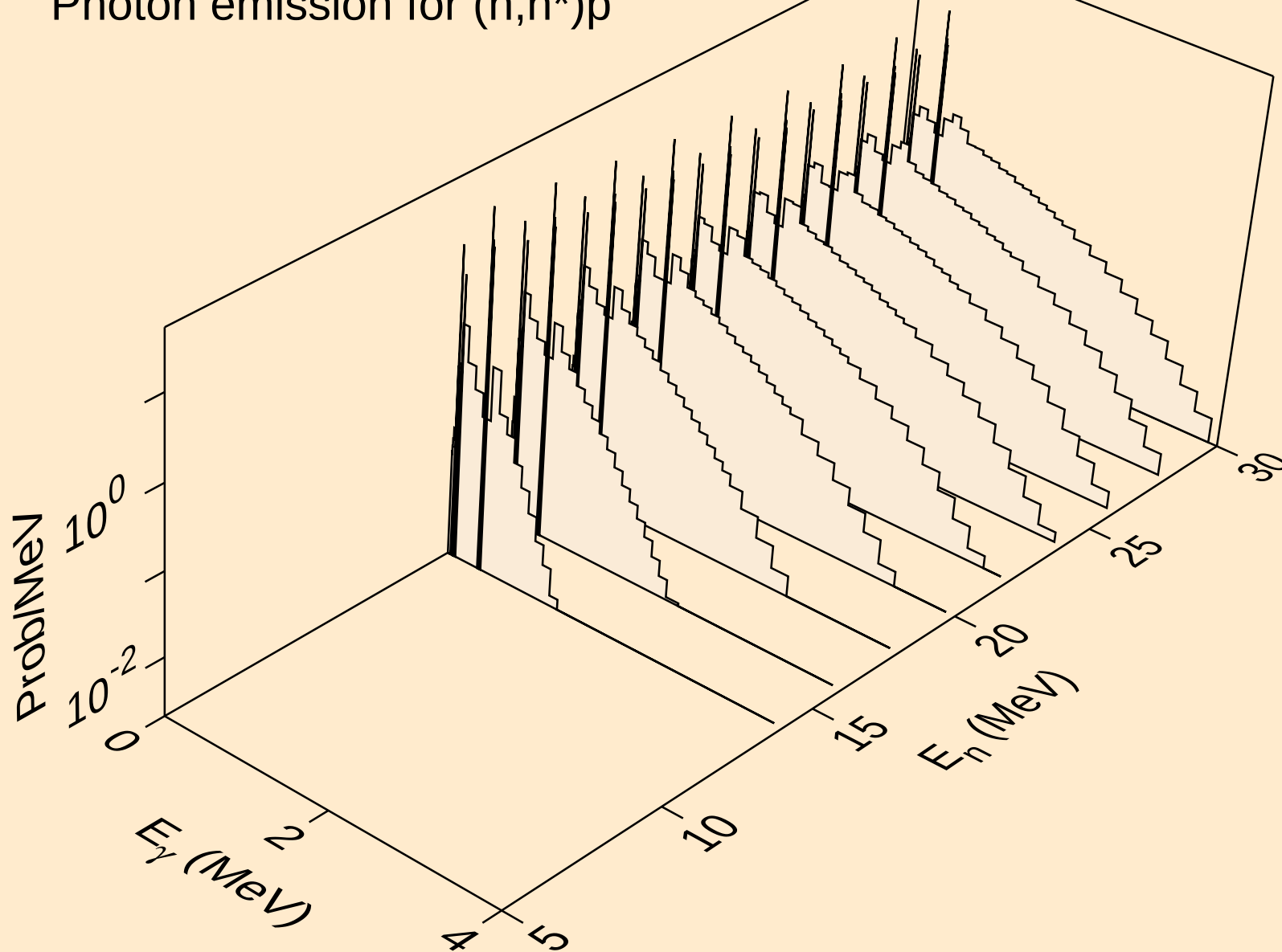


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a

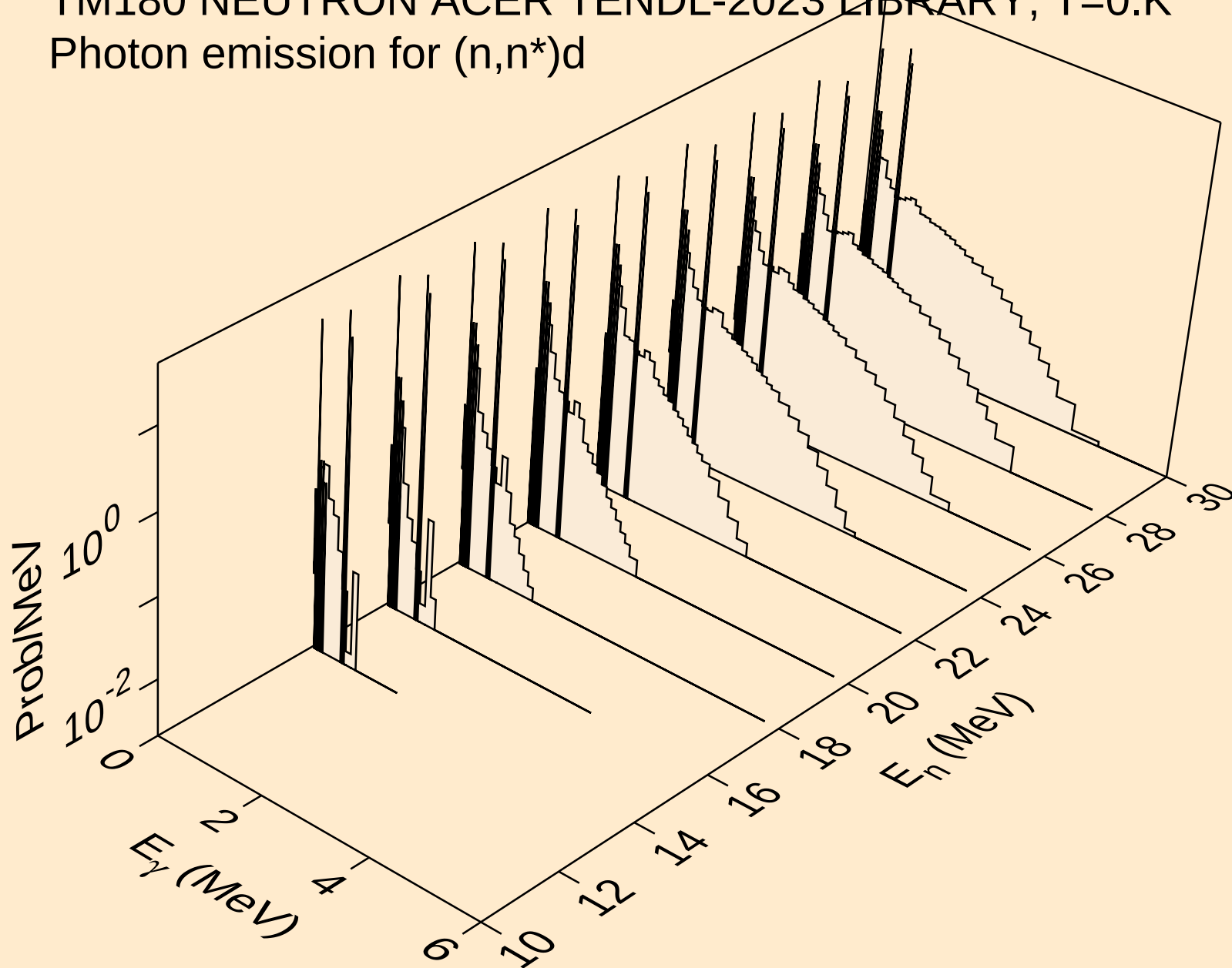


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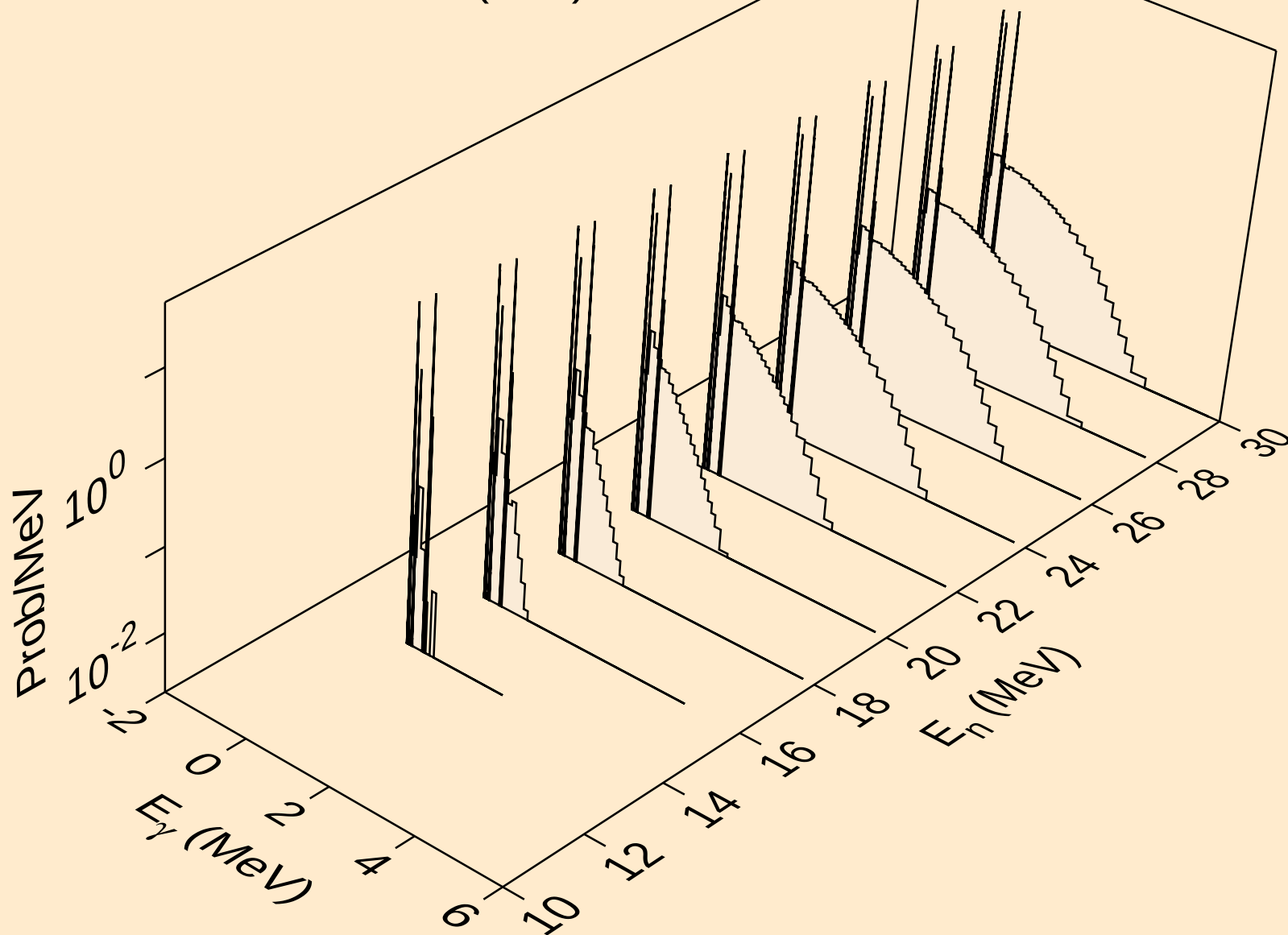
Photon emission for (n,n*)p



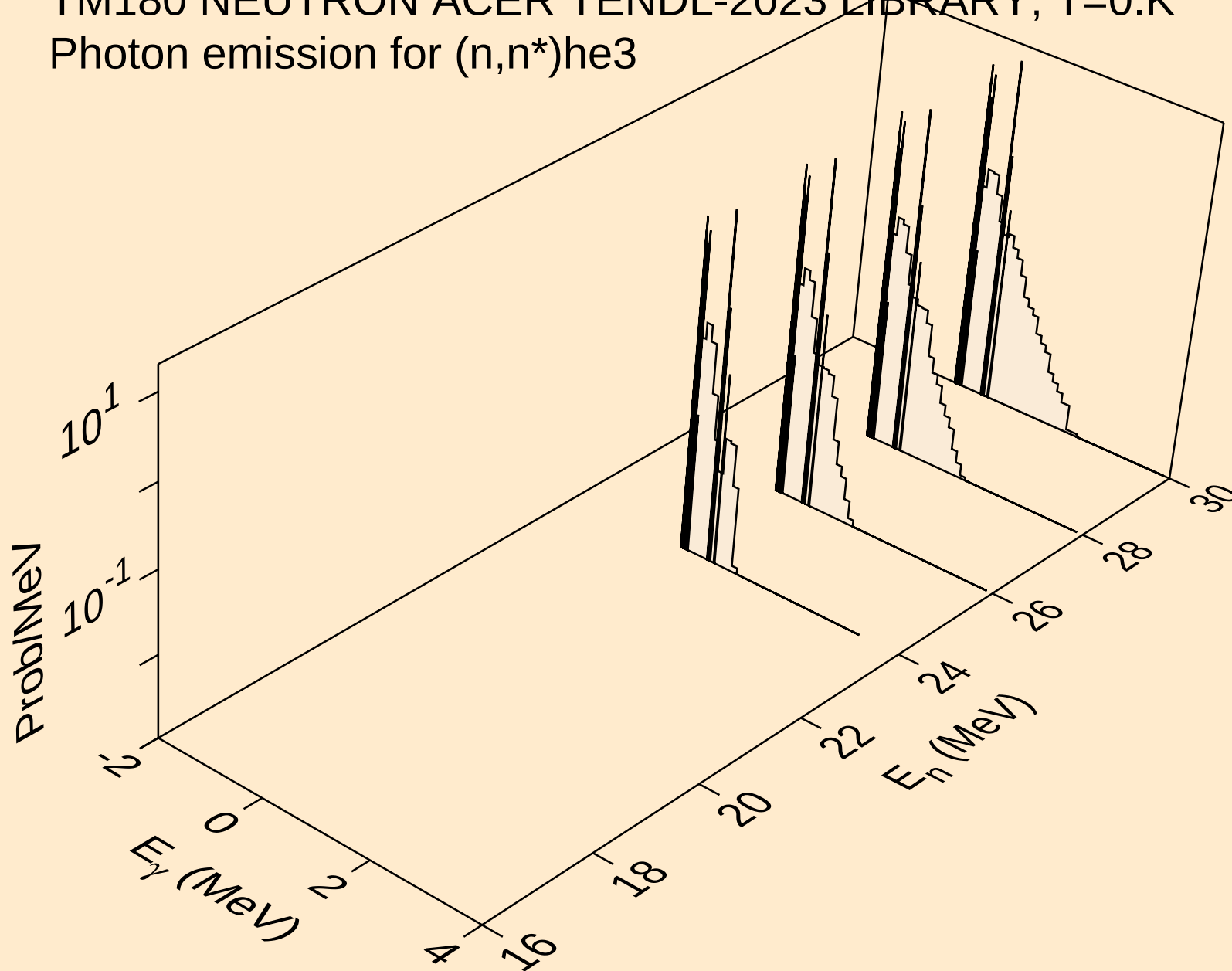
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



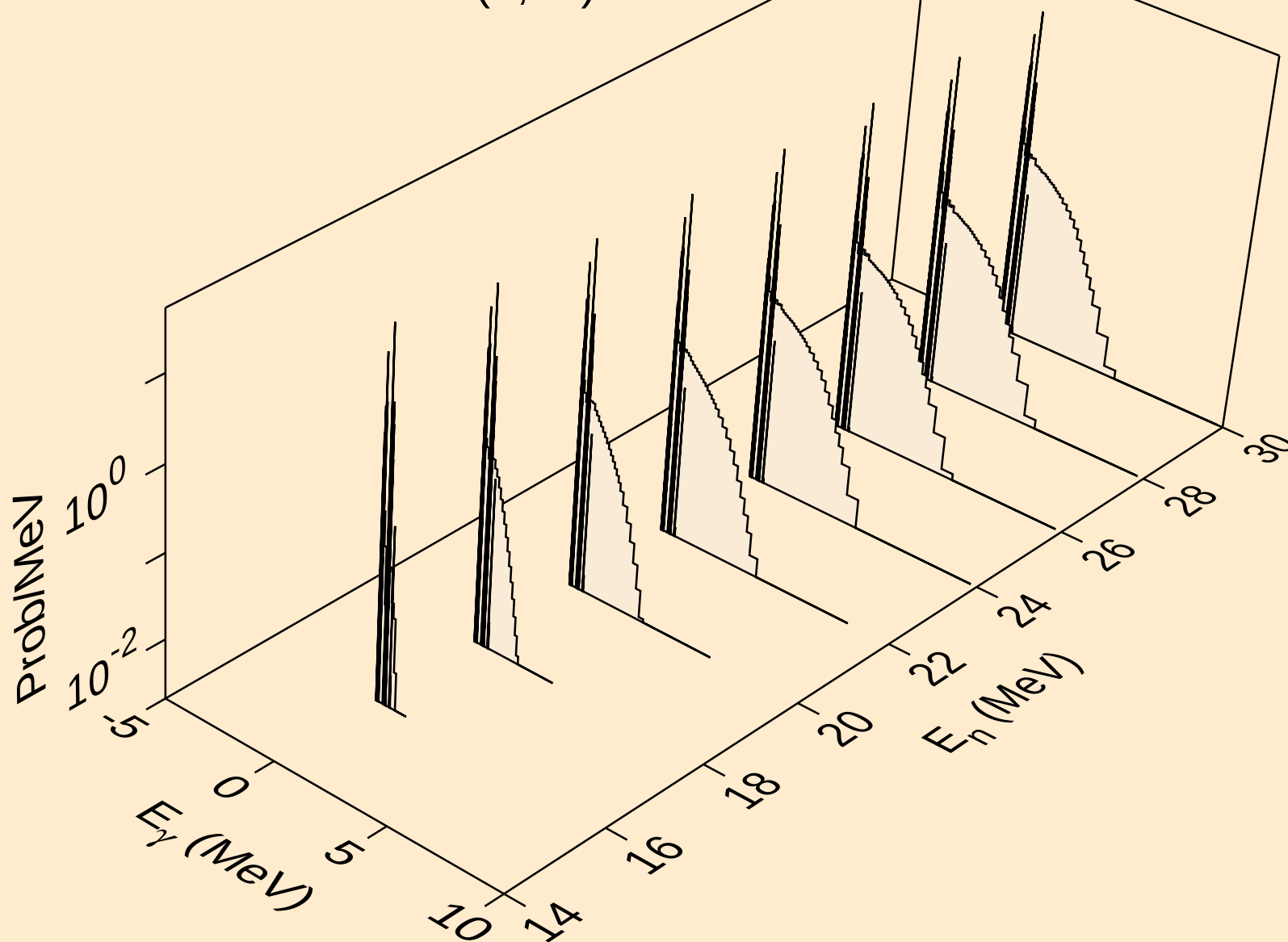
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



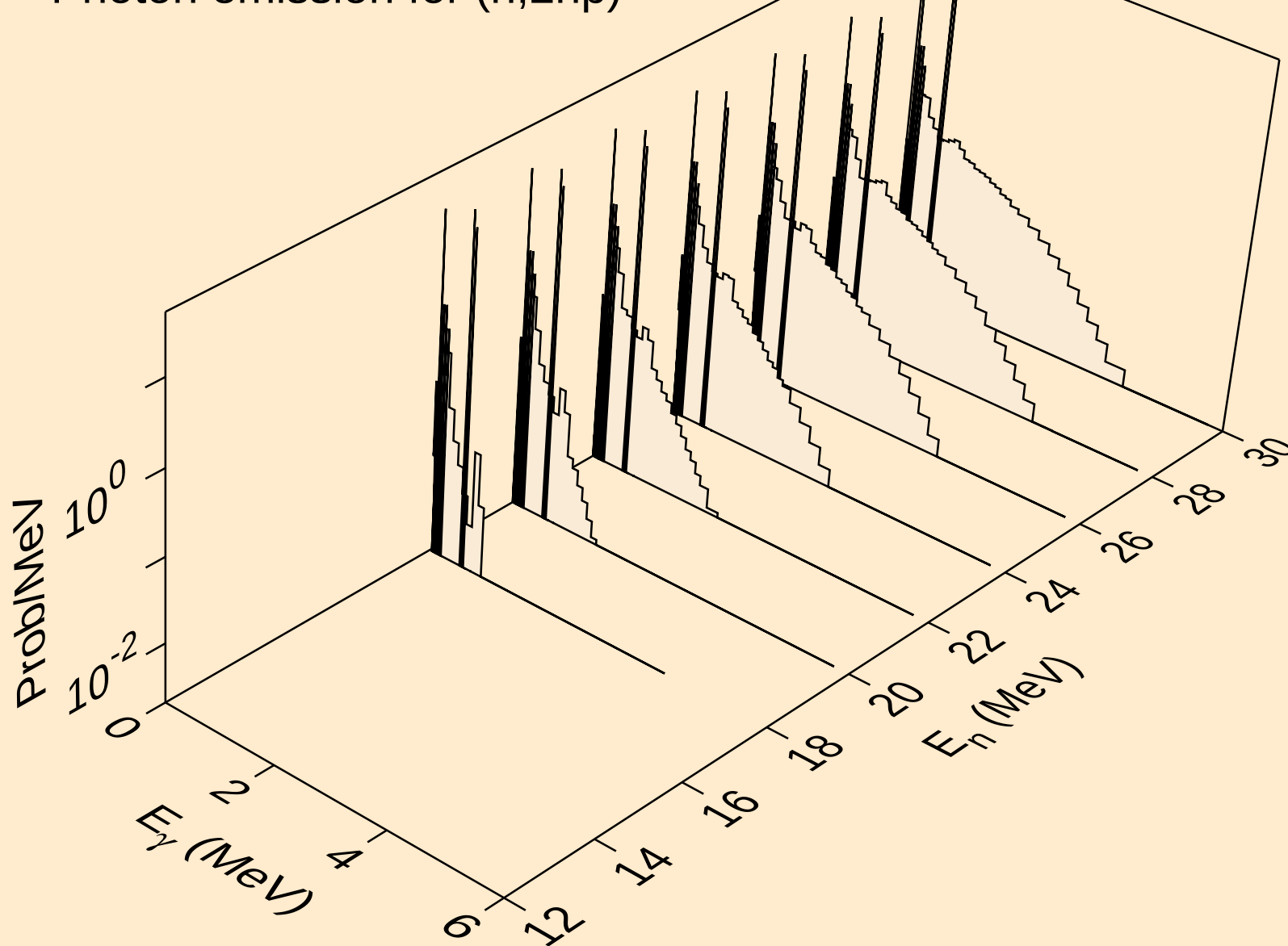
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



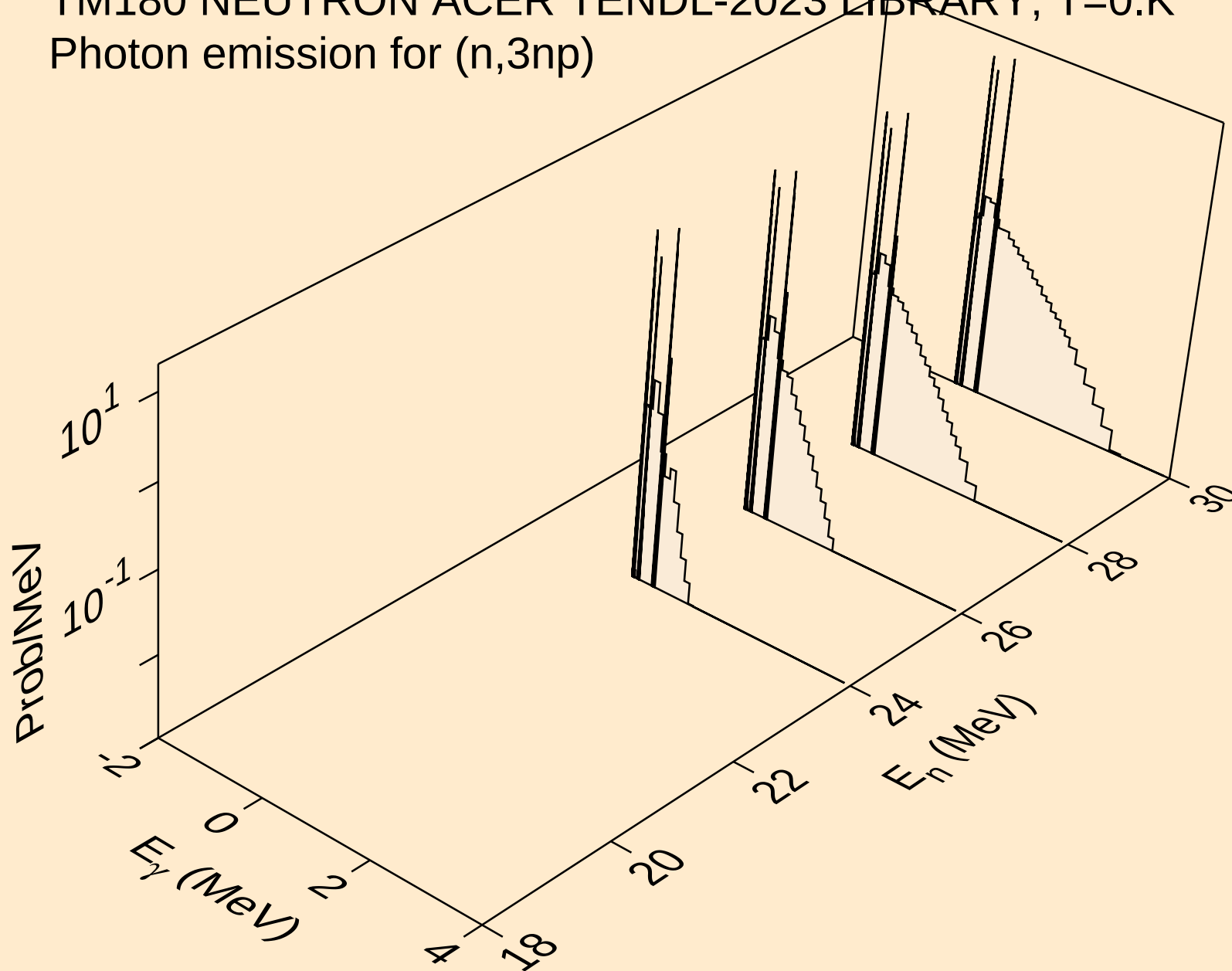
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



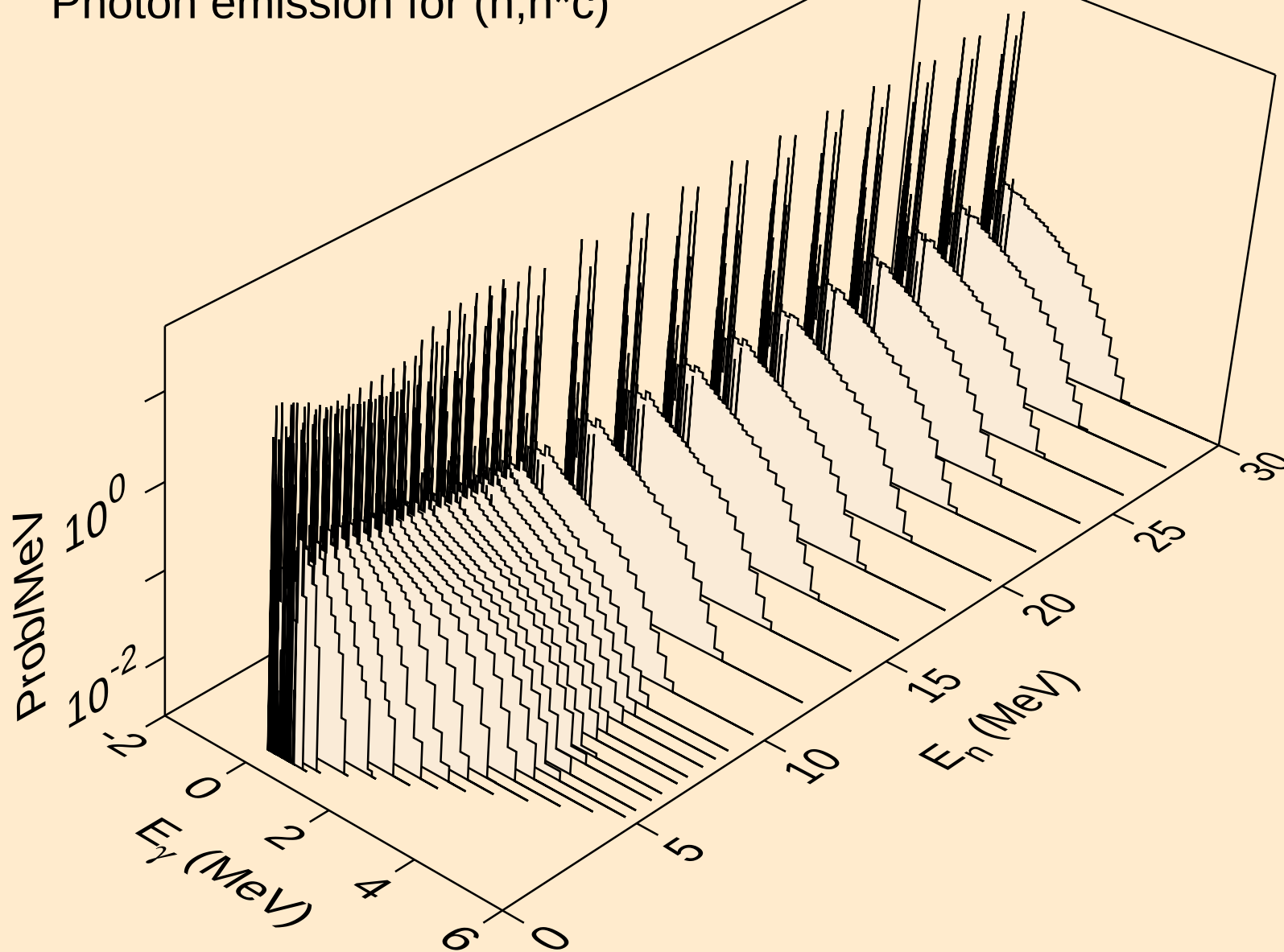
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Photon emission for (n,2np)



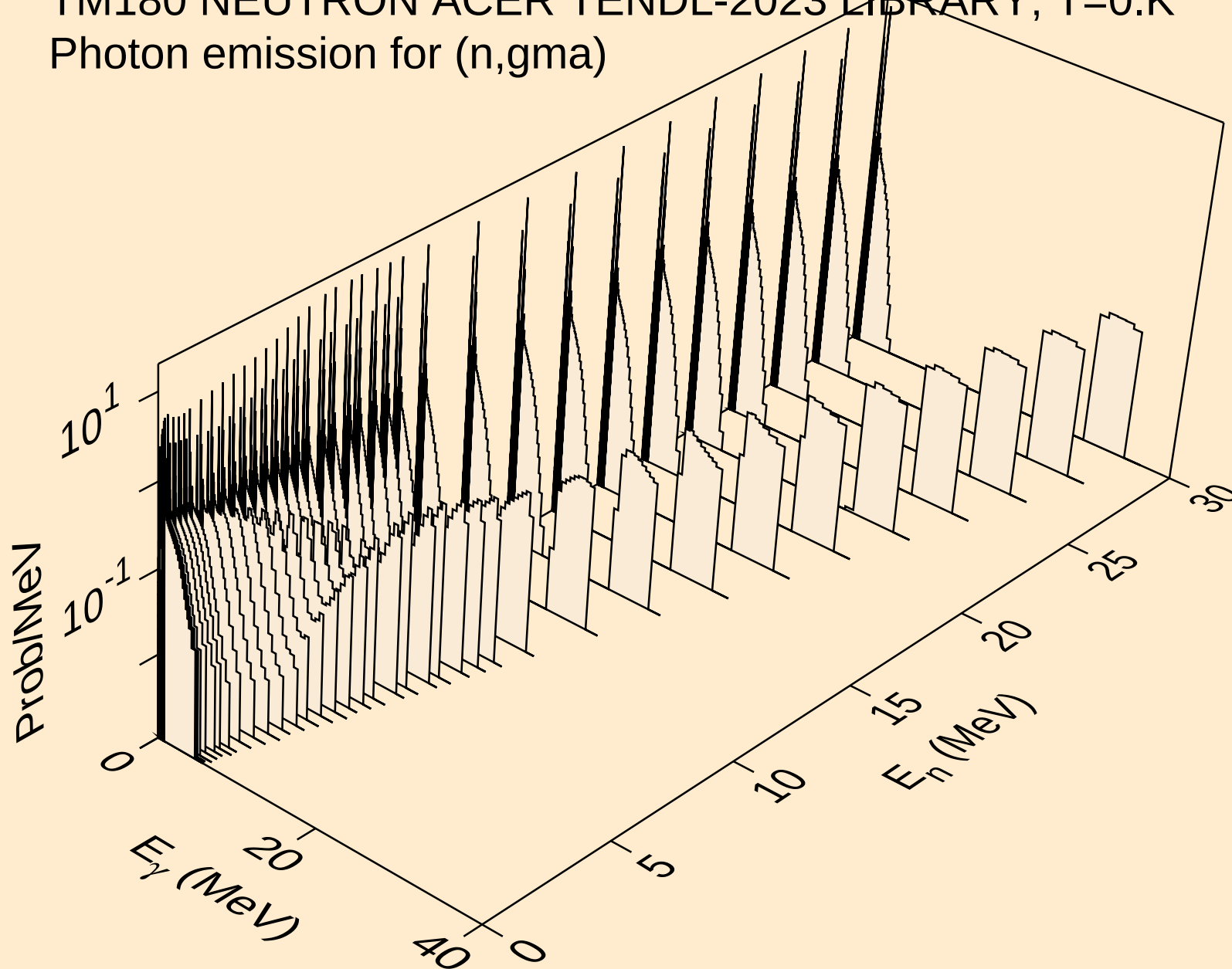
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



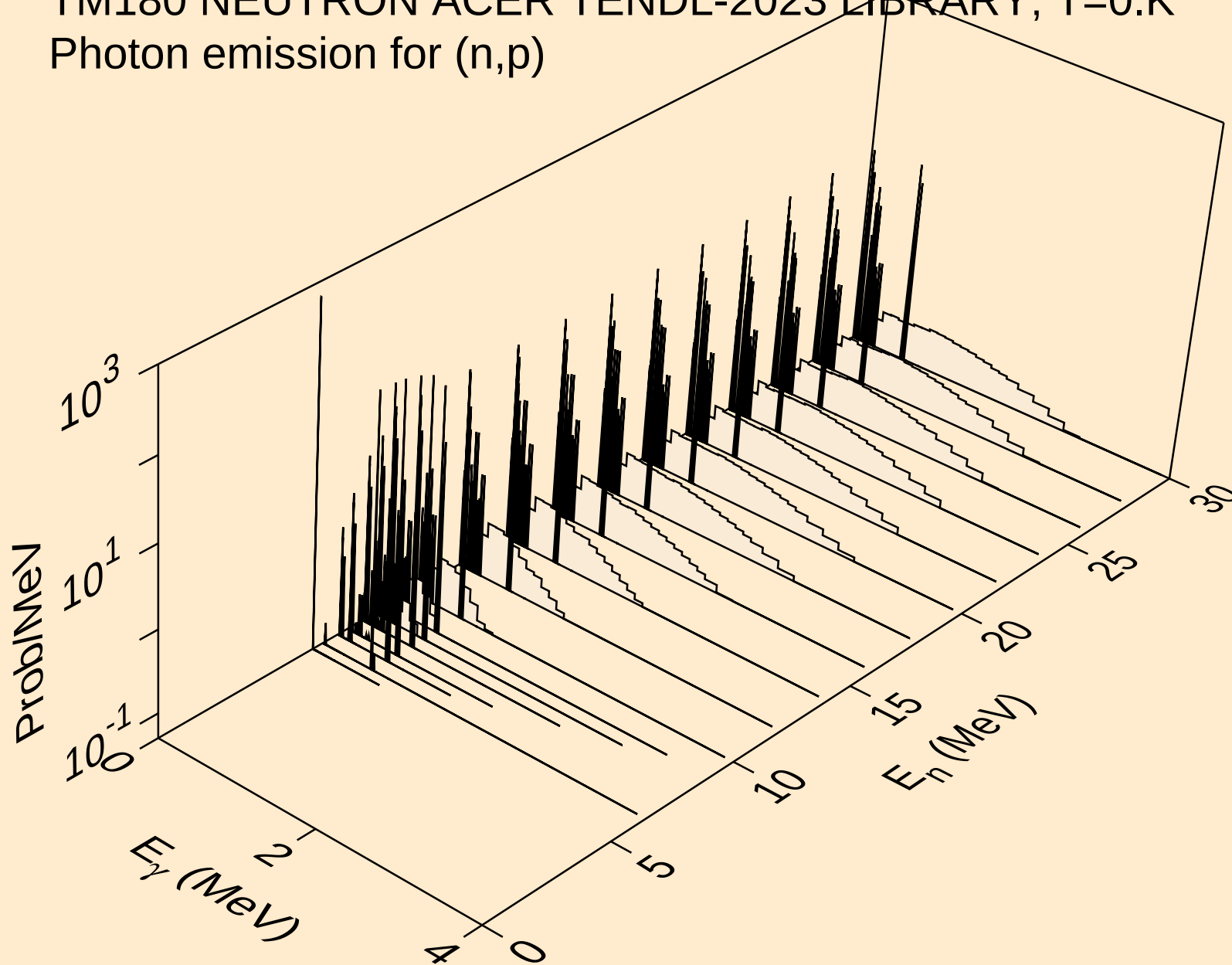
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



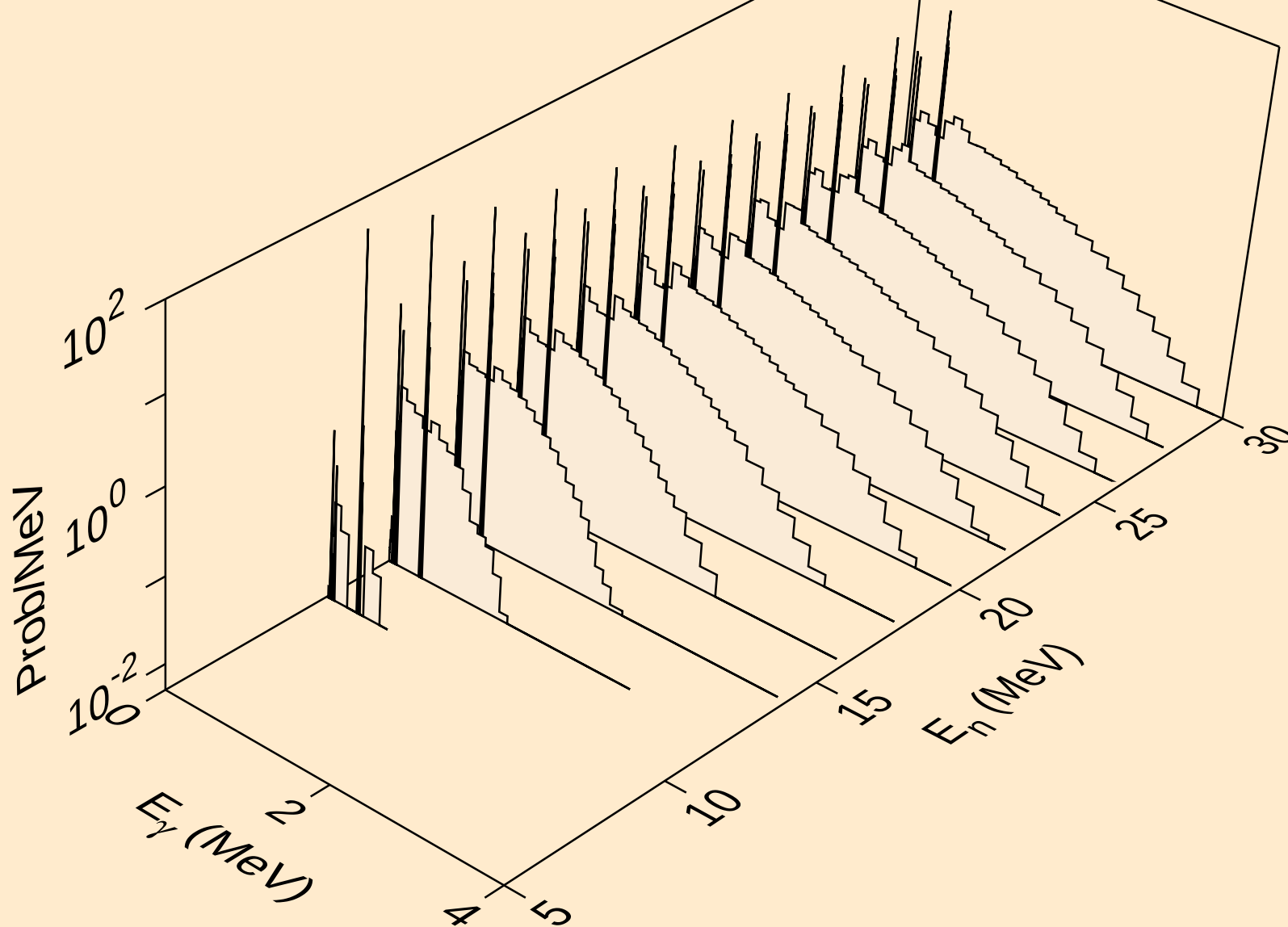
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



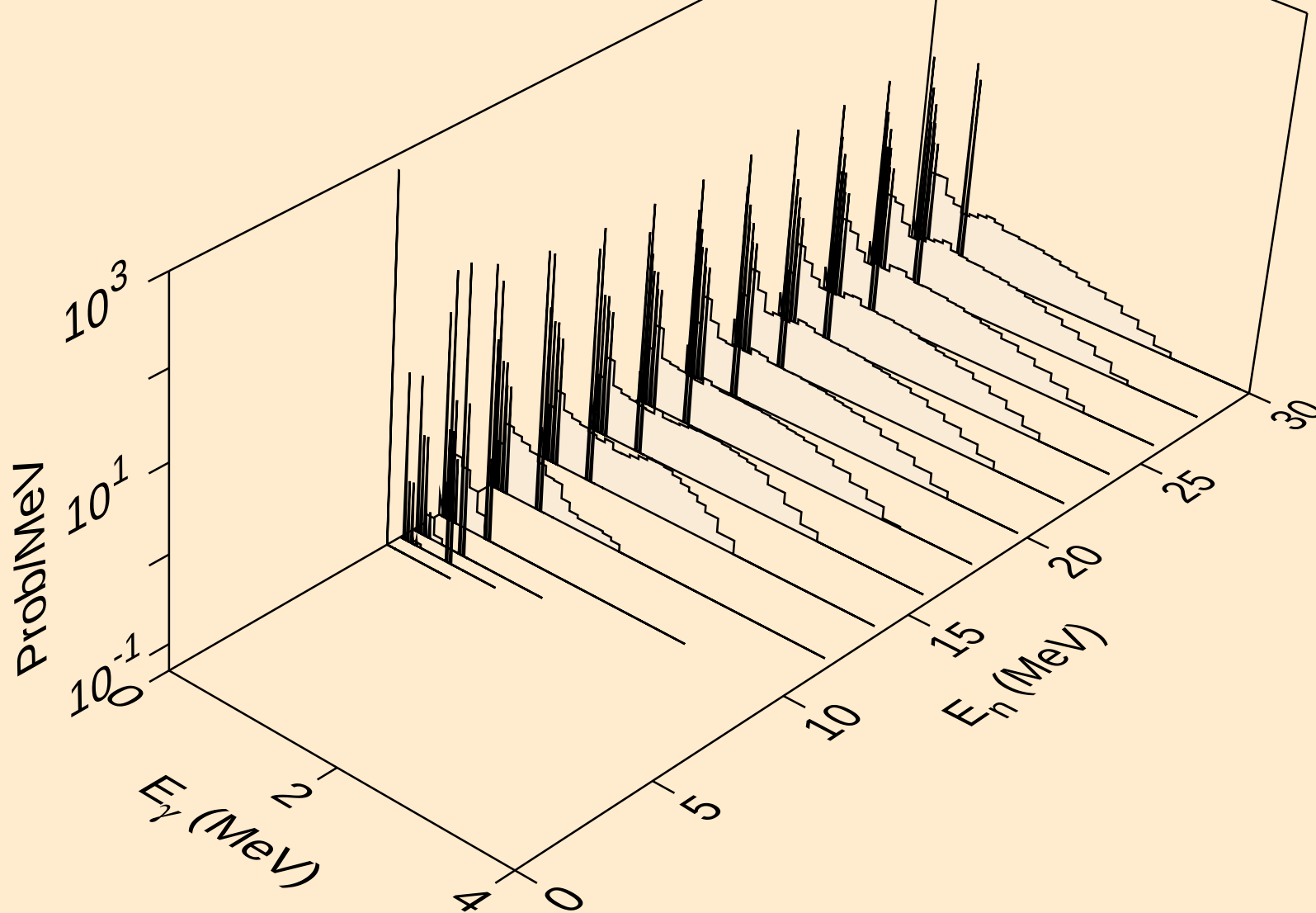
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Photon emission for (n,p)



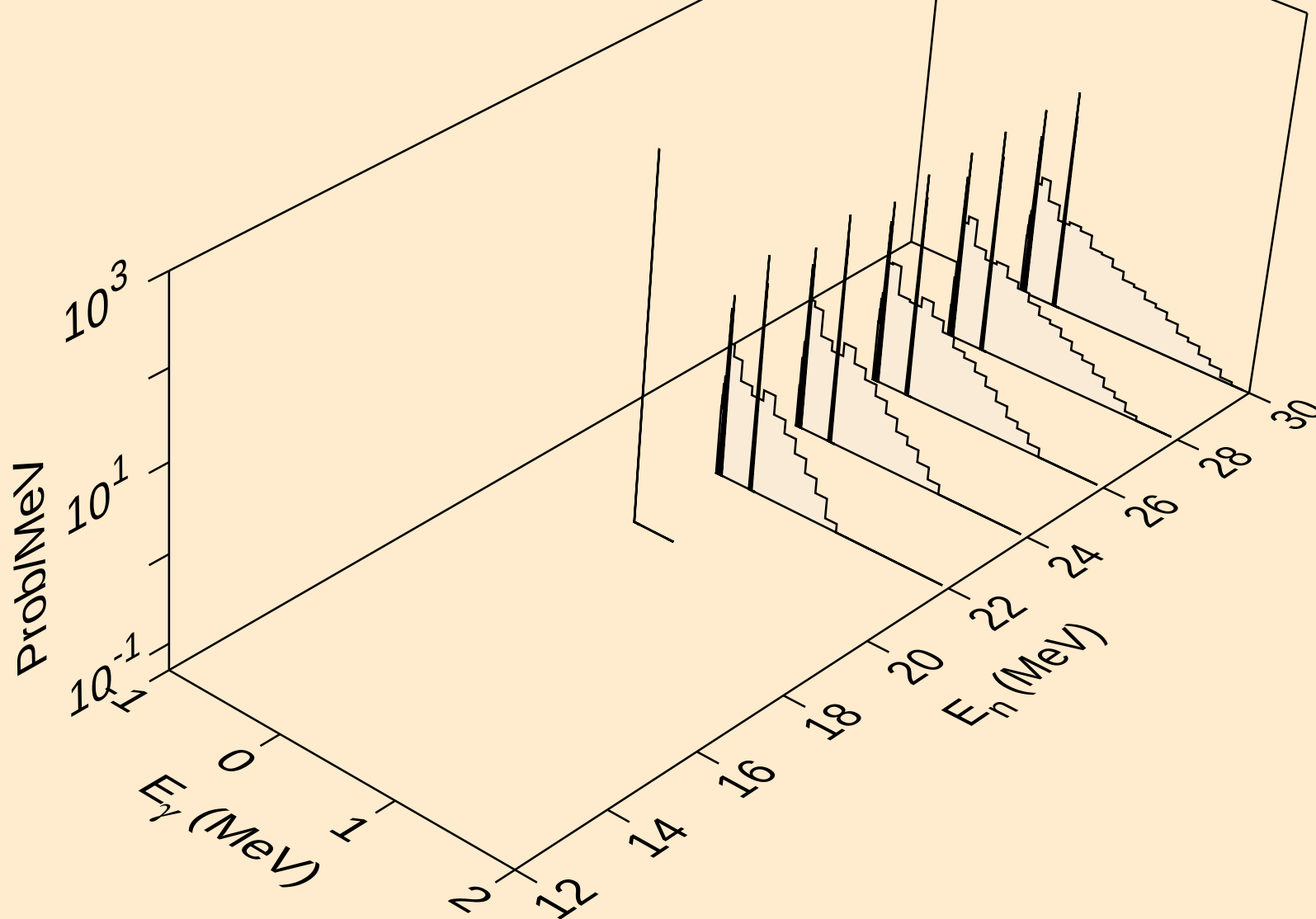
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



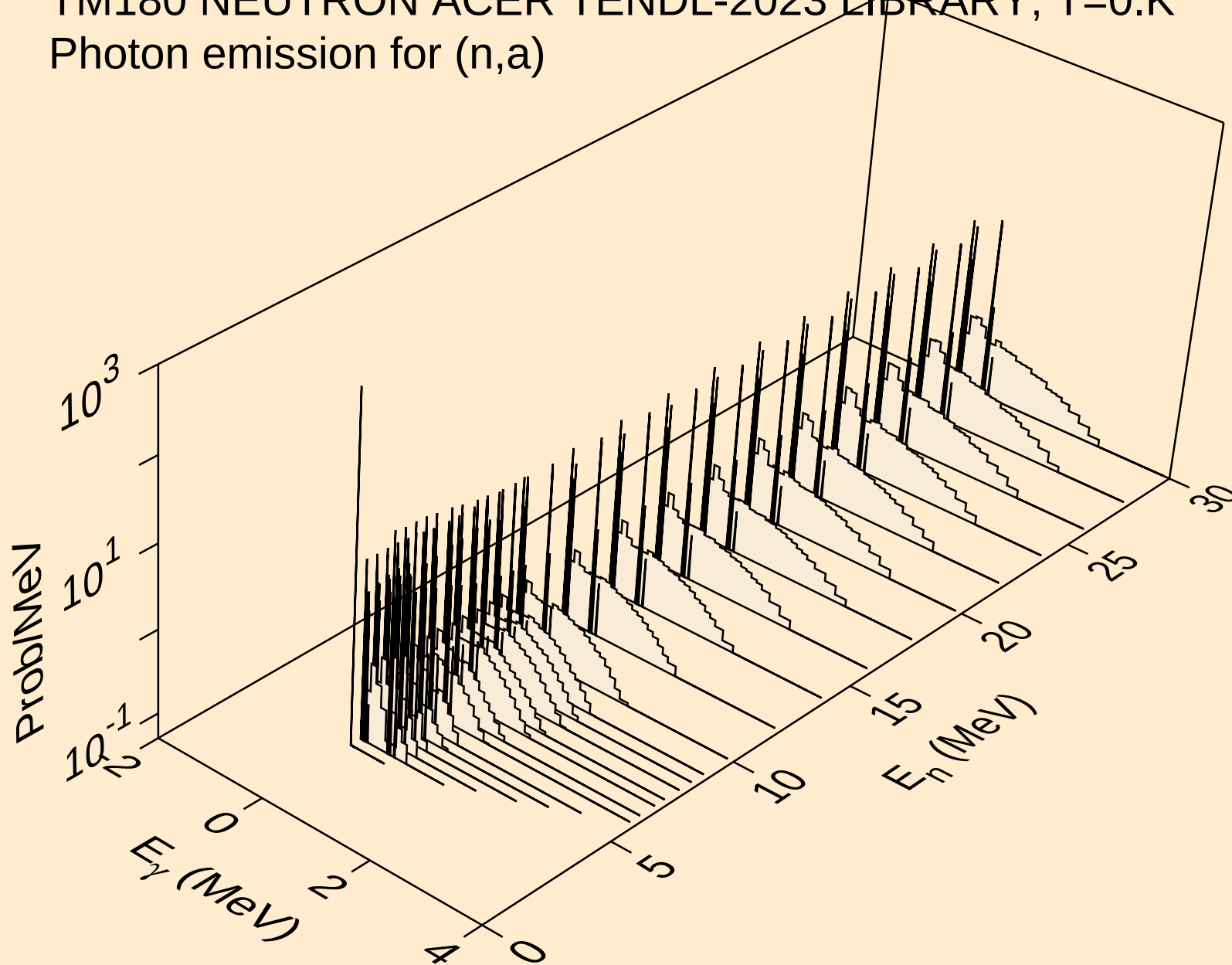
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



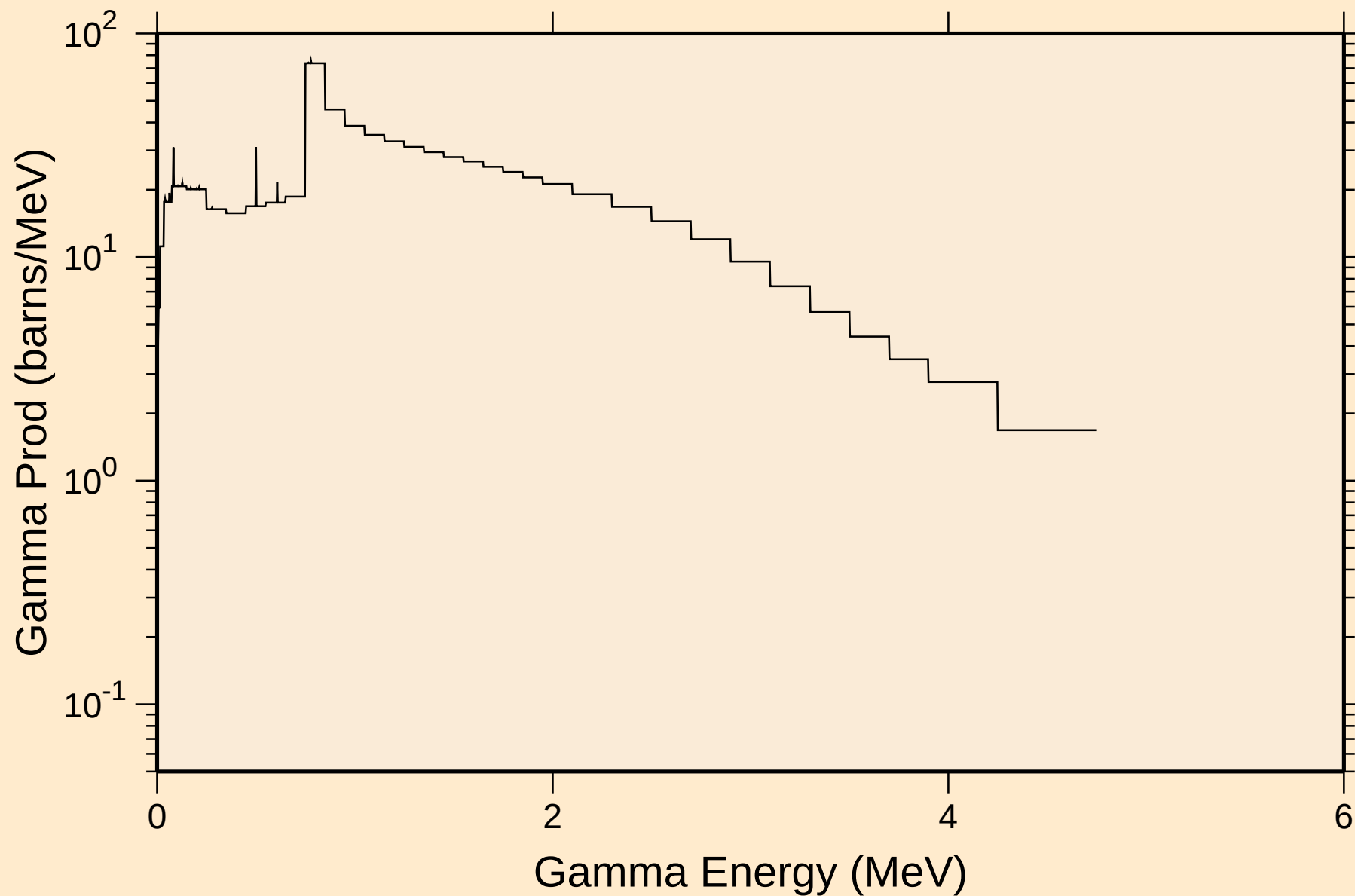
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Photon emission for (n,he3)



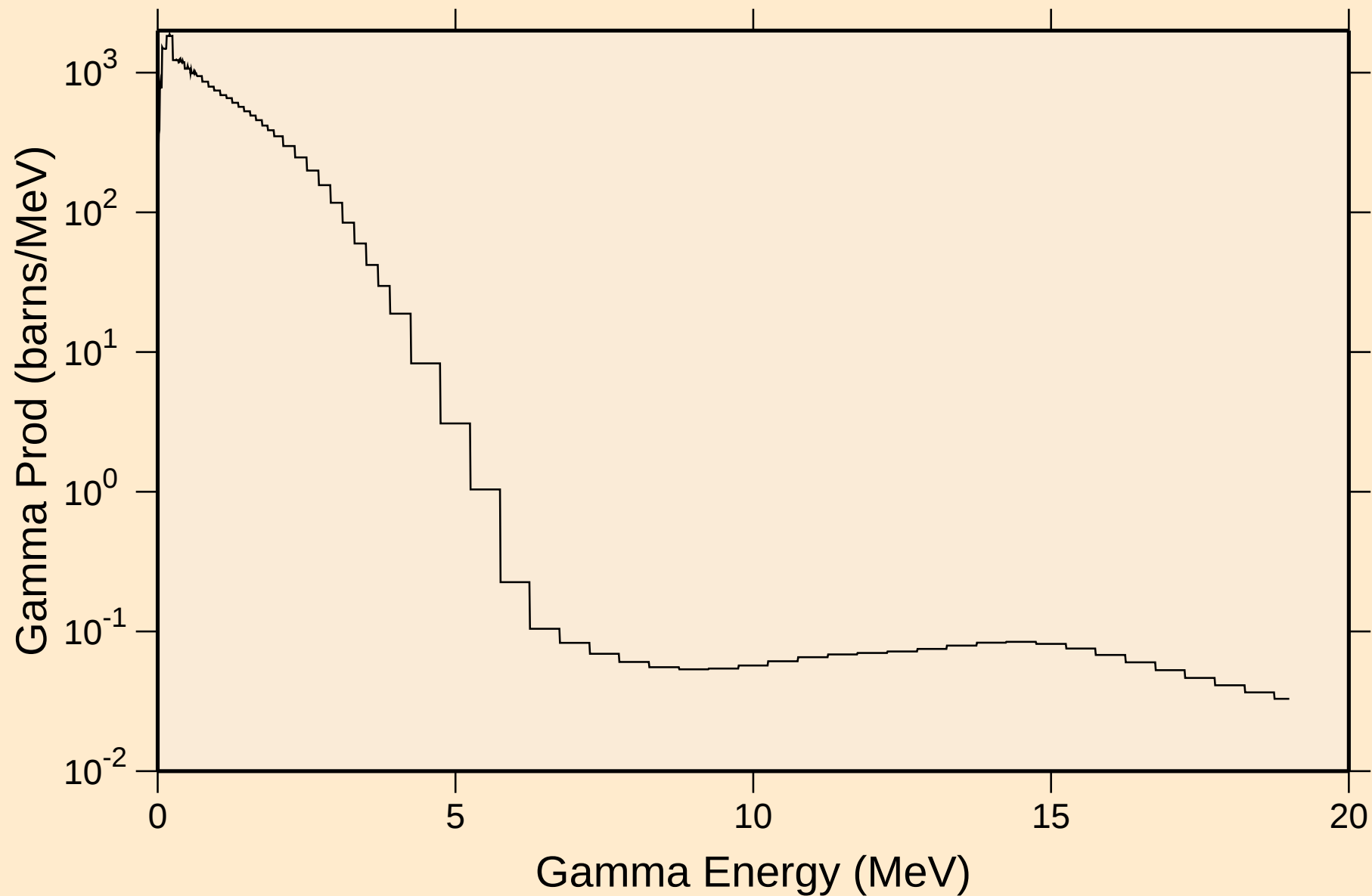
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

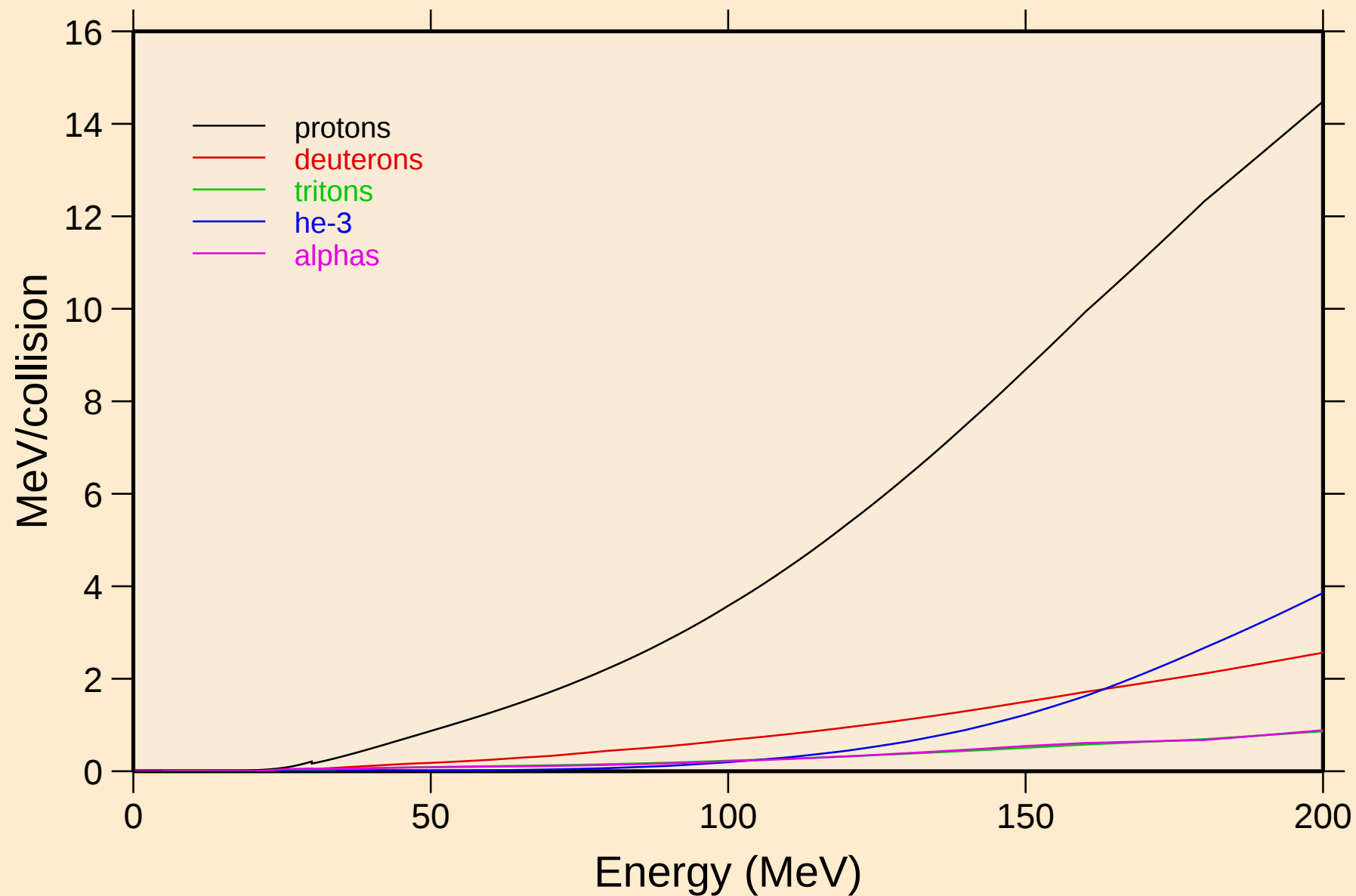


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

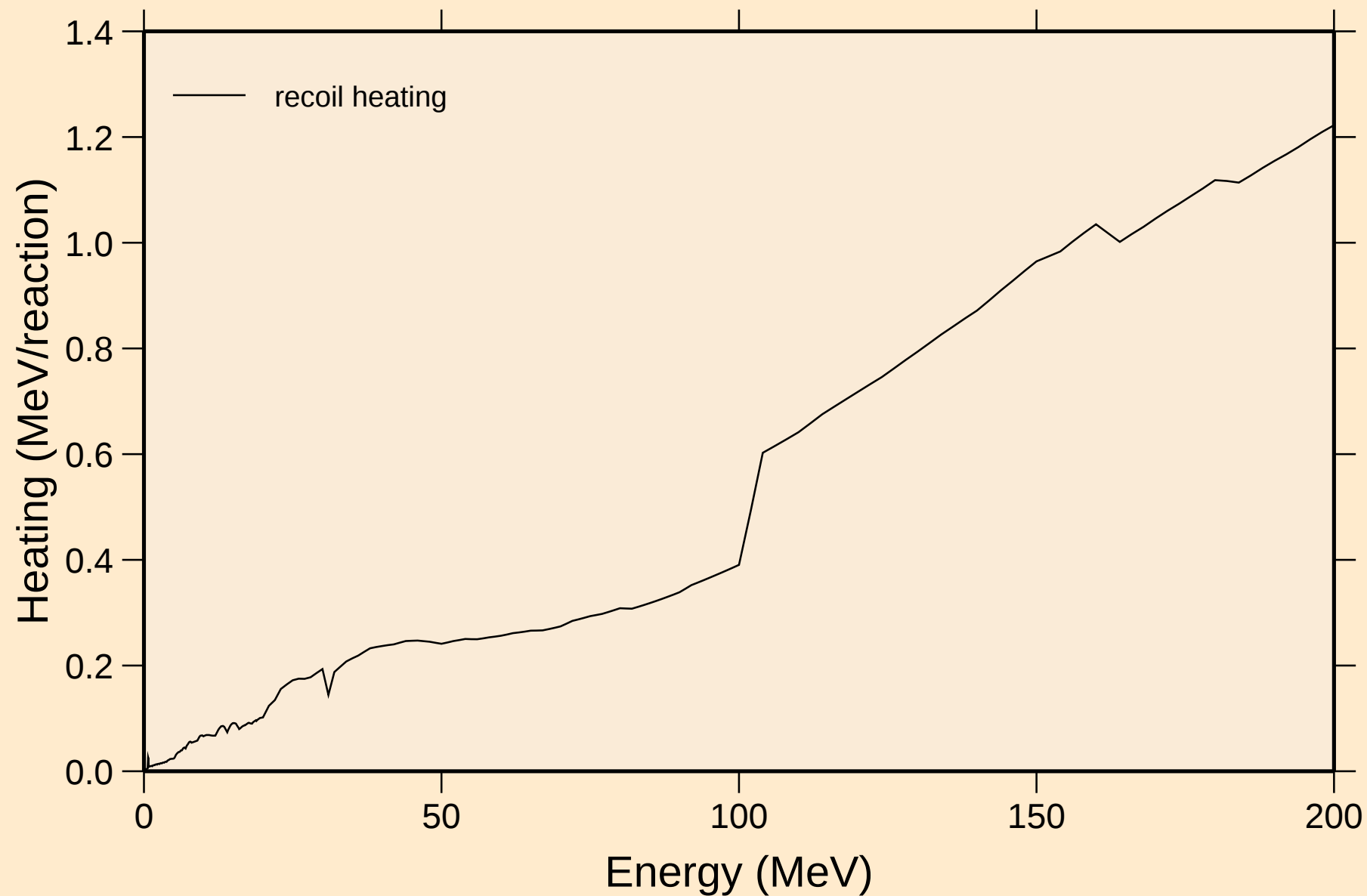


TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

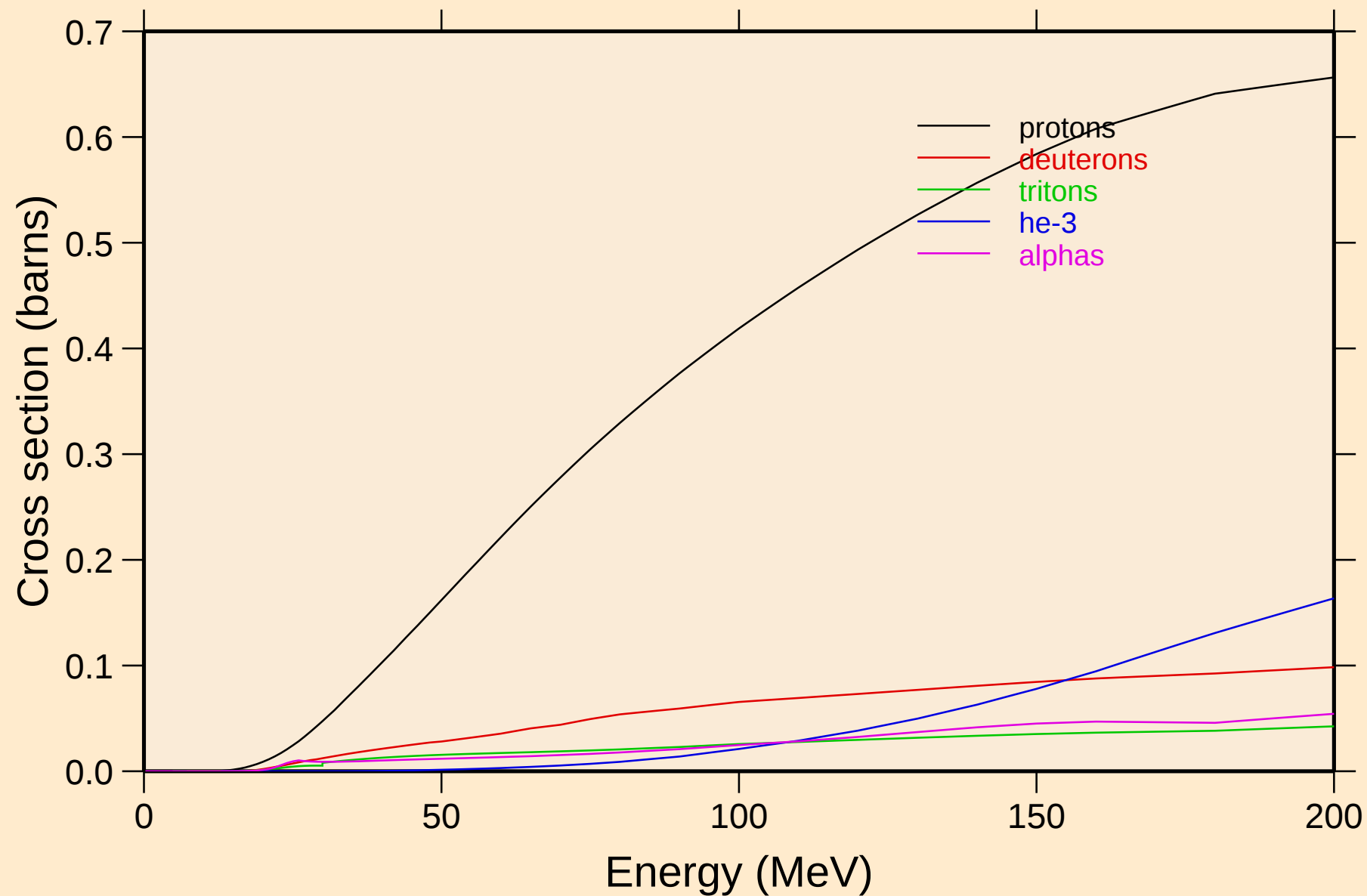
Particle heating contributions



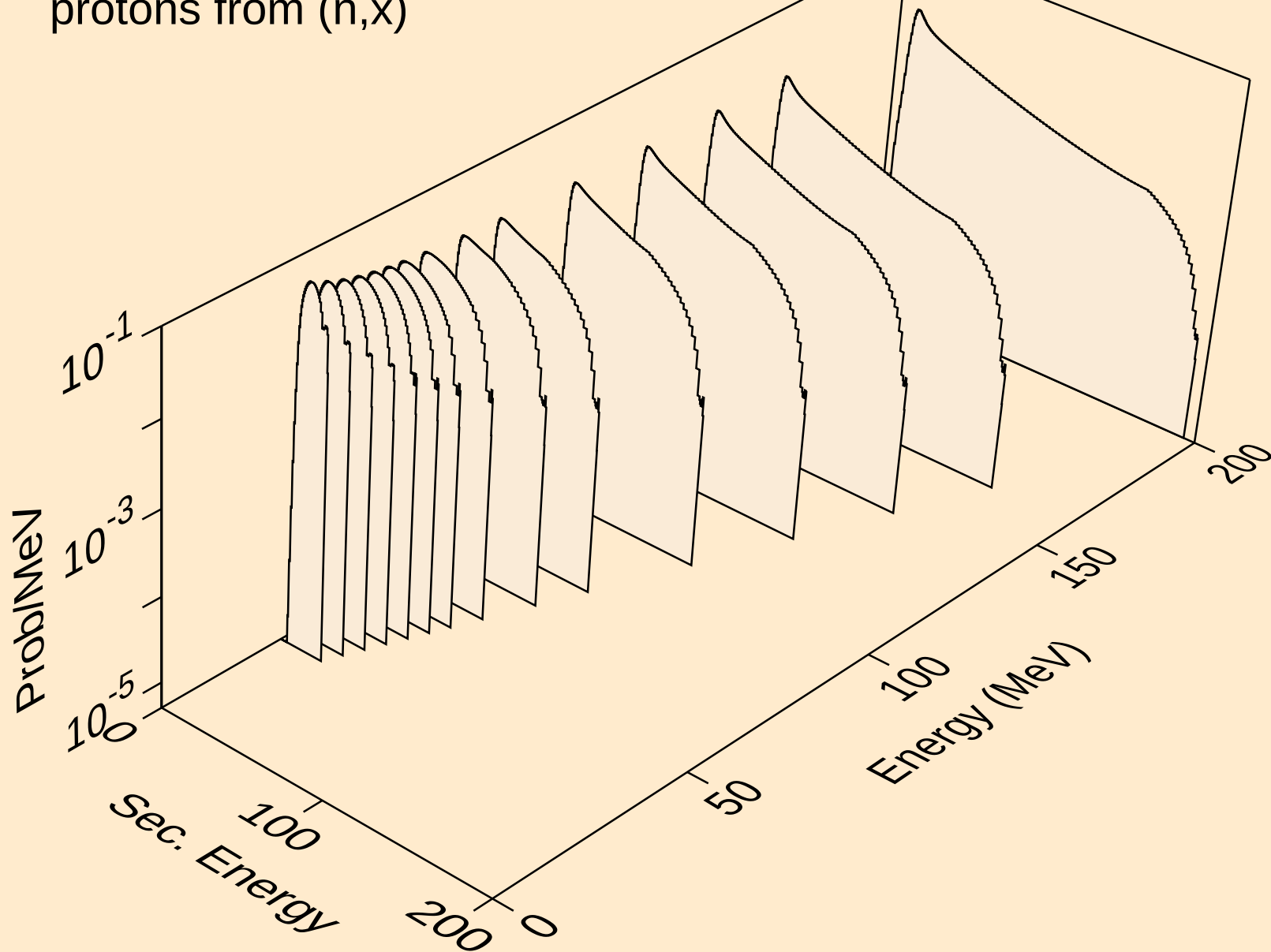
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Recoil Heating



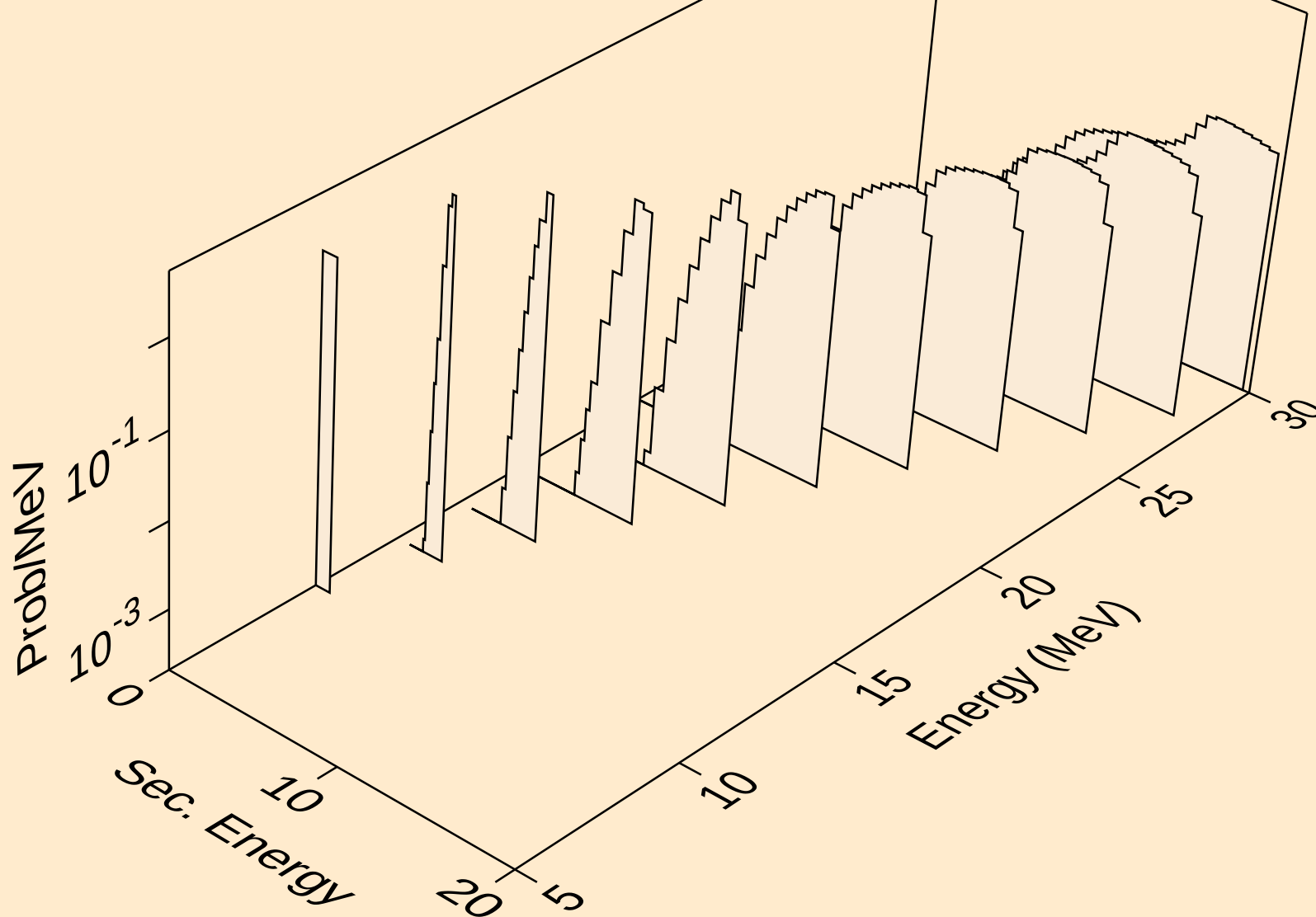
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Particle production cross sections



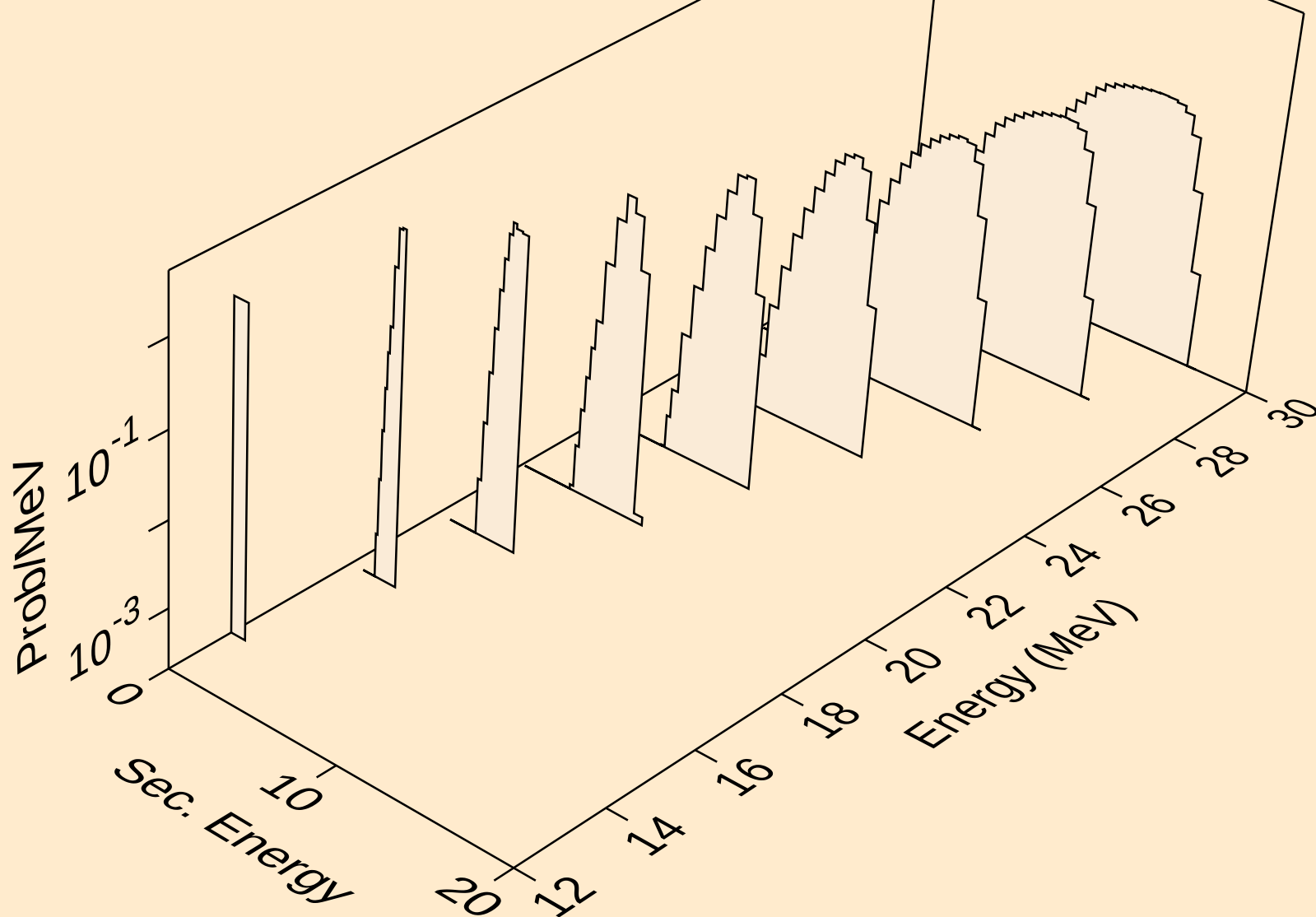
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



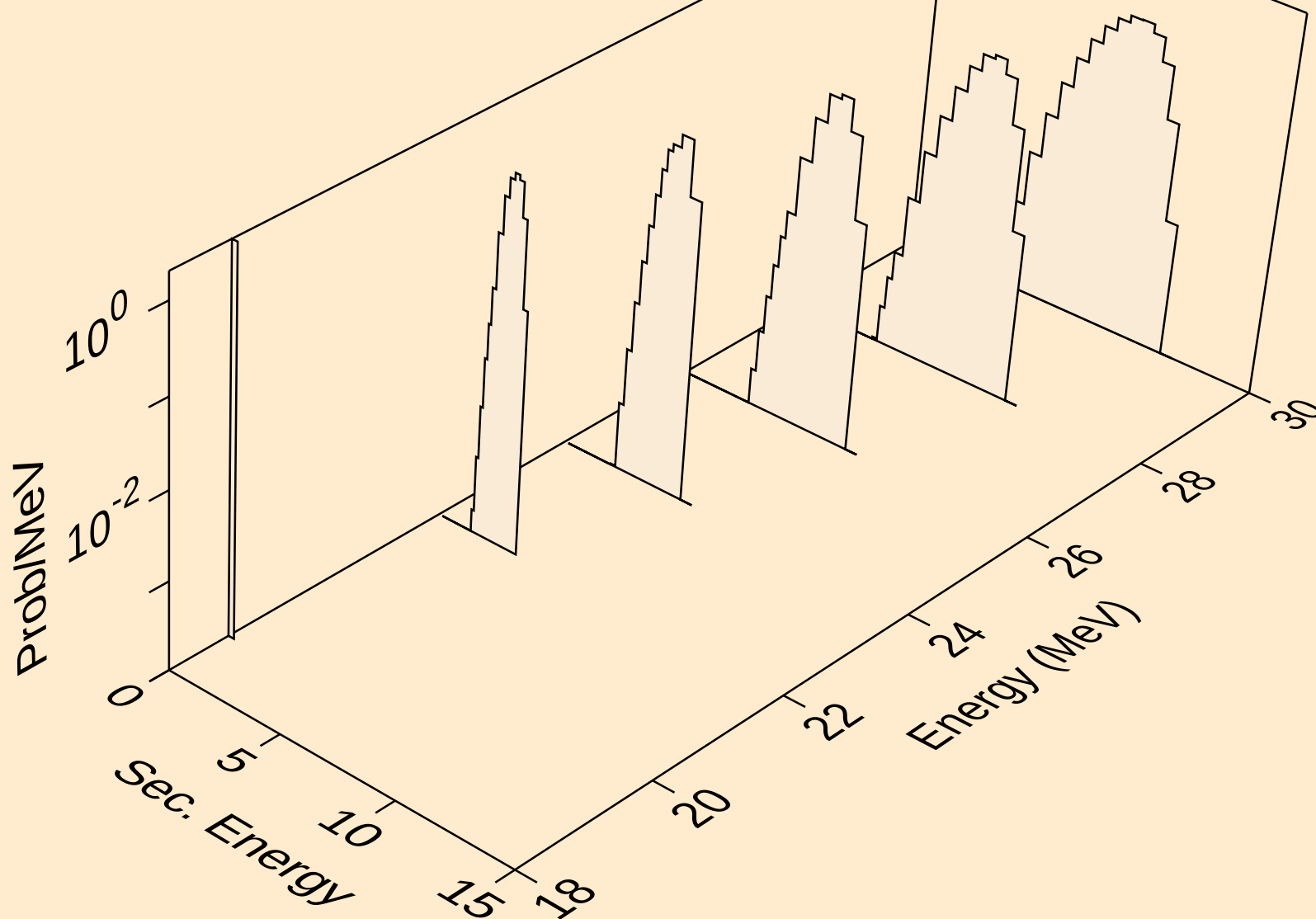
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



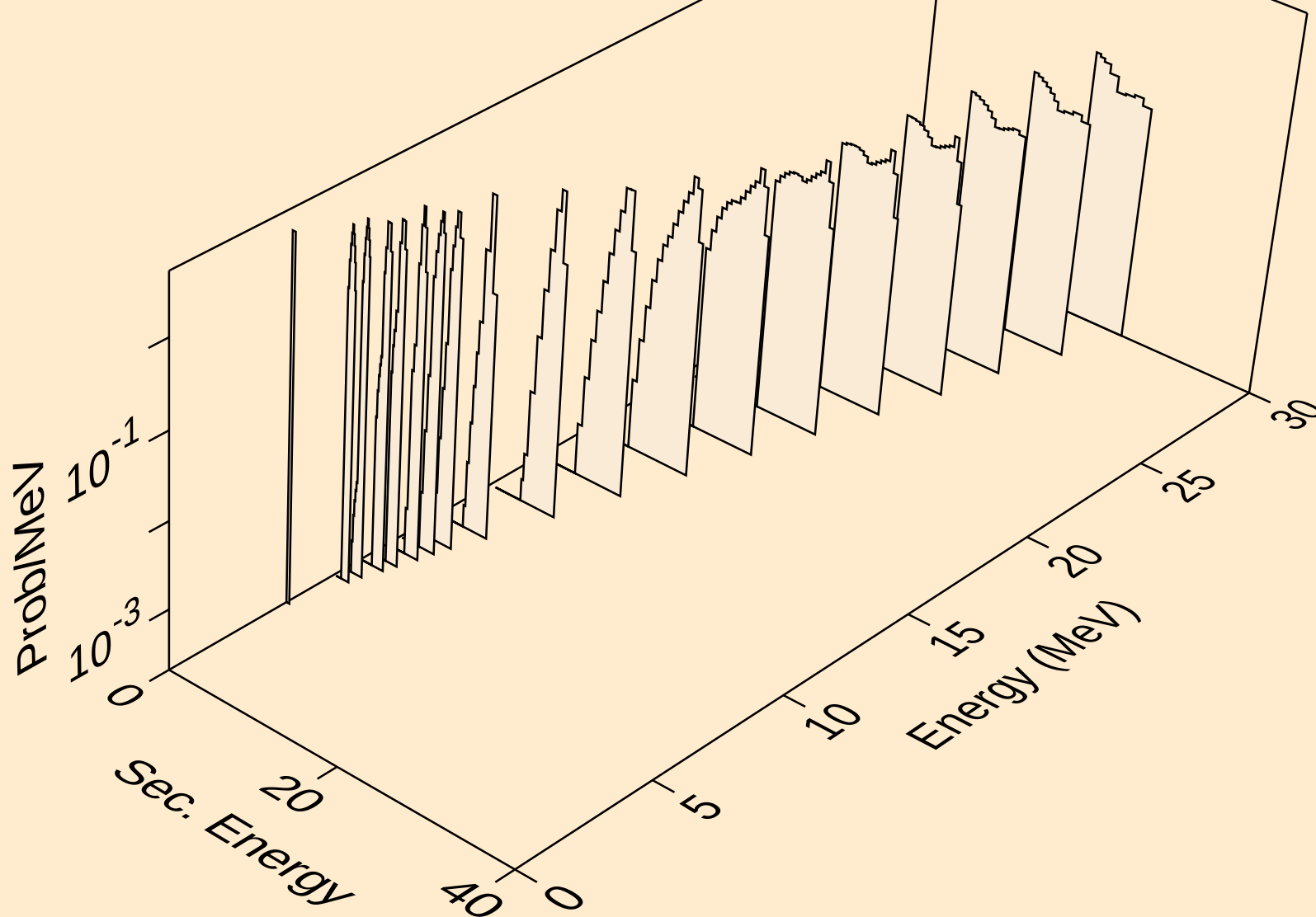
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protons from (n,2np)



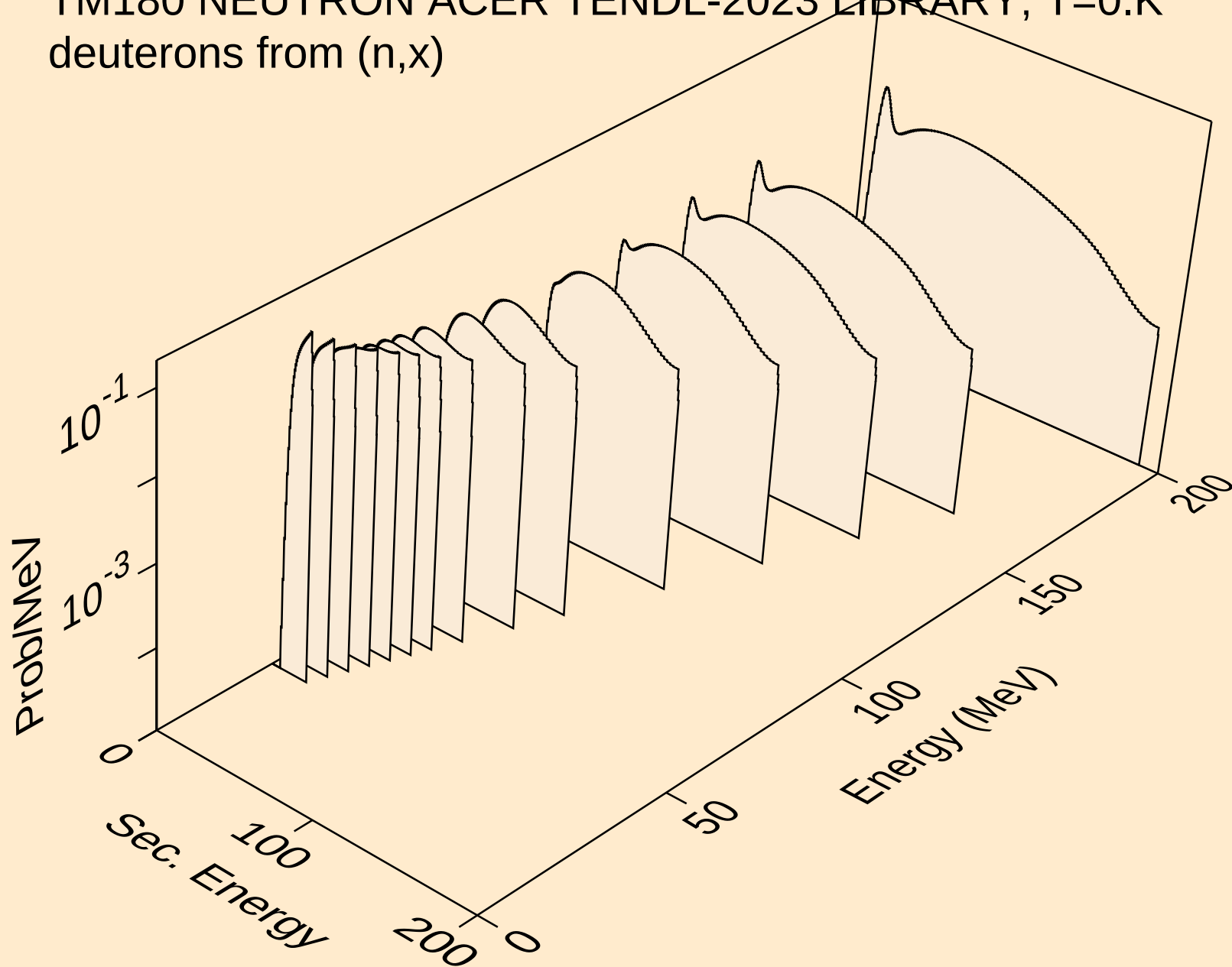
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protons from (n,3np)



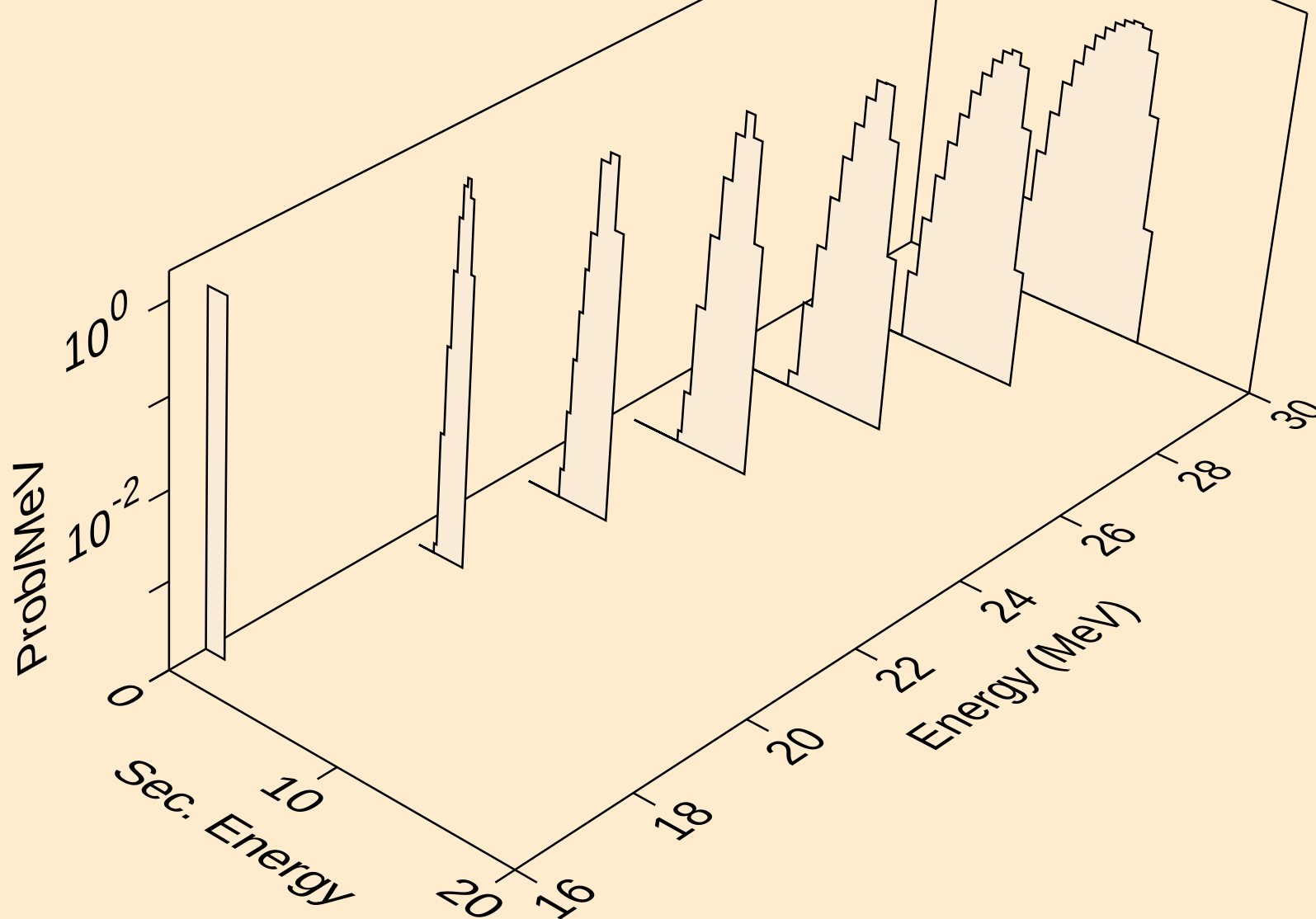
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protons from (n,p)



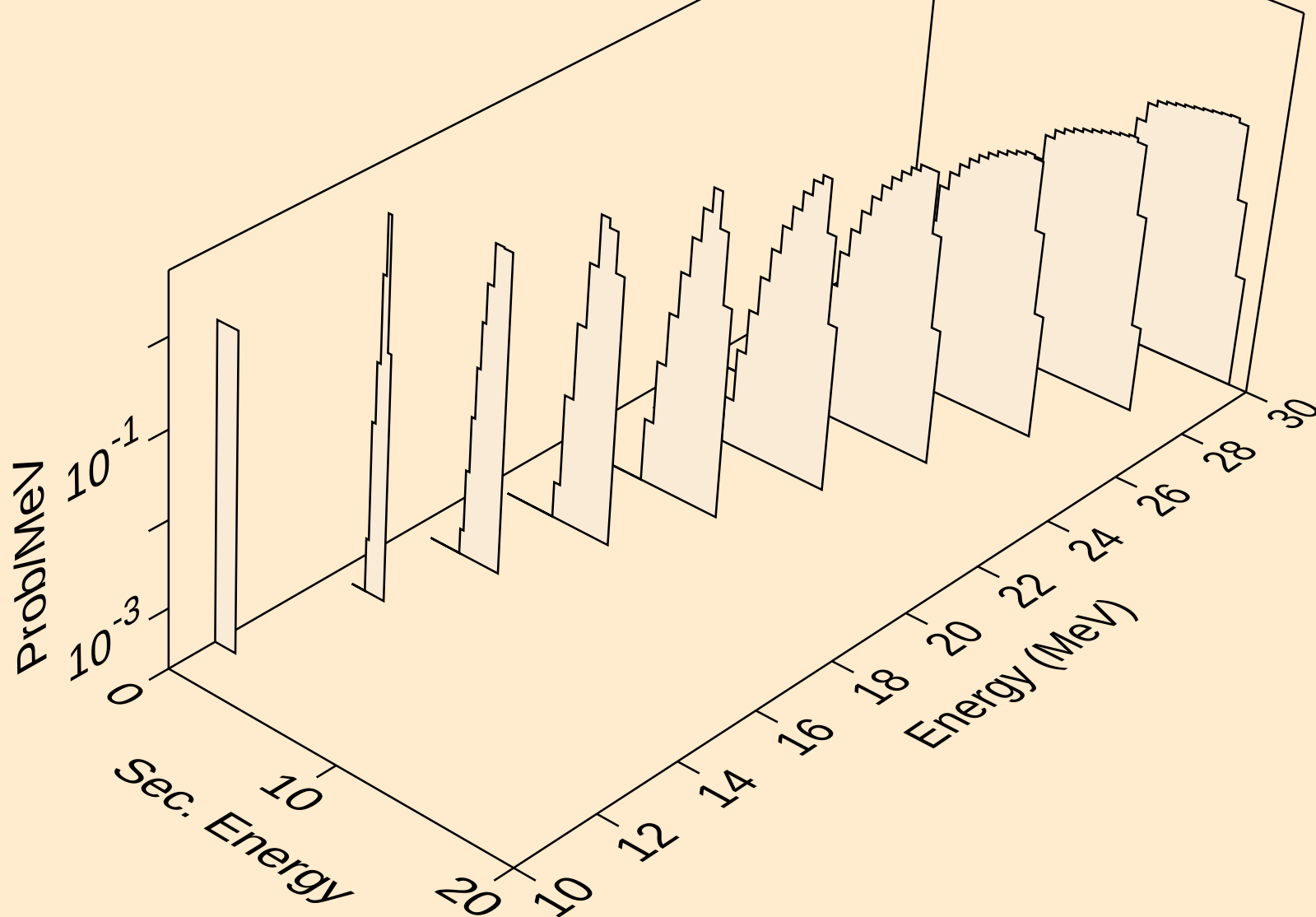
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deuterons from (n,x)



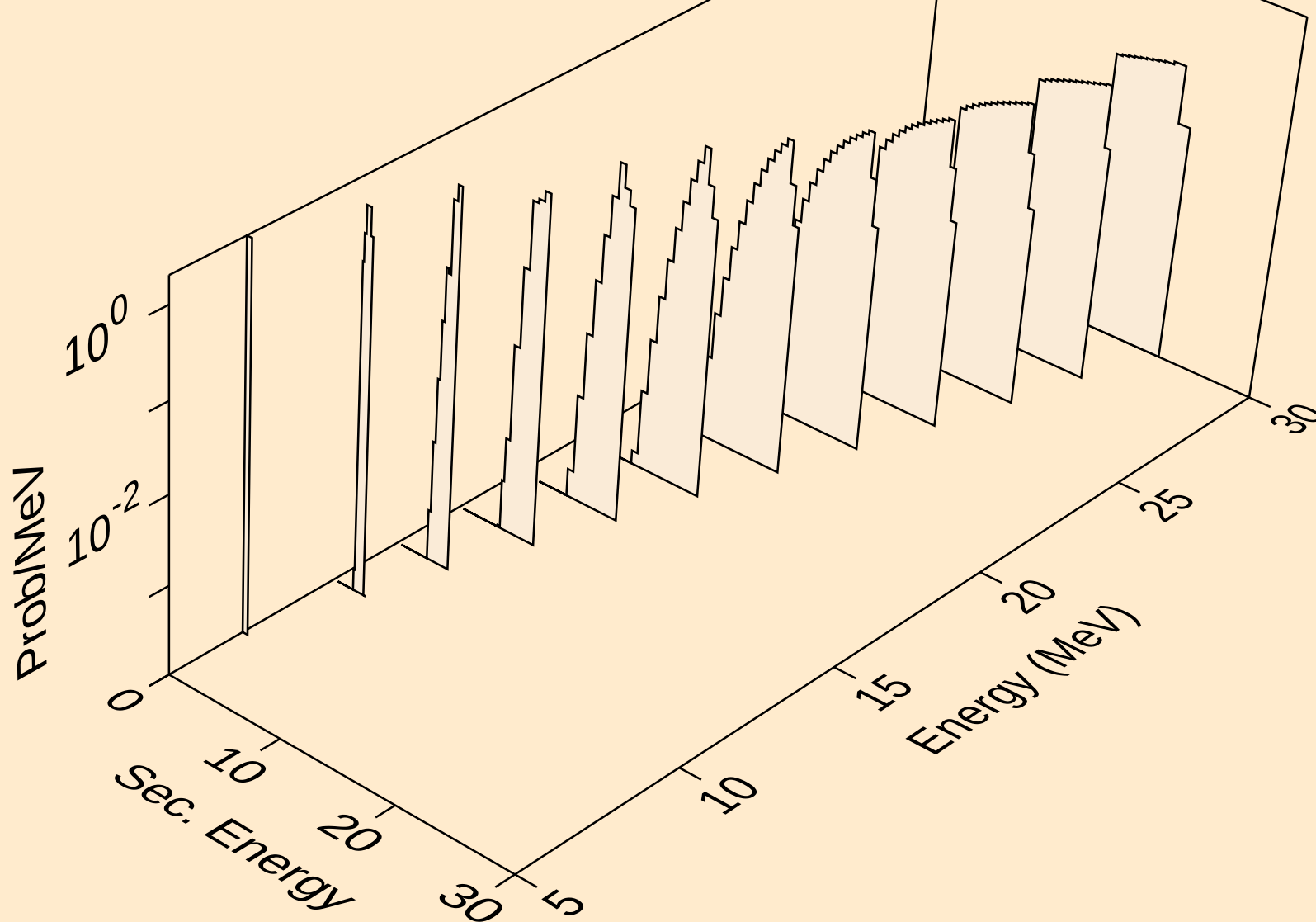
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deuterons from (n,2nd)



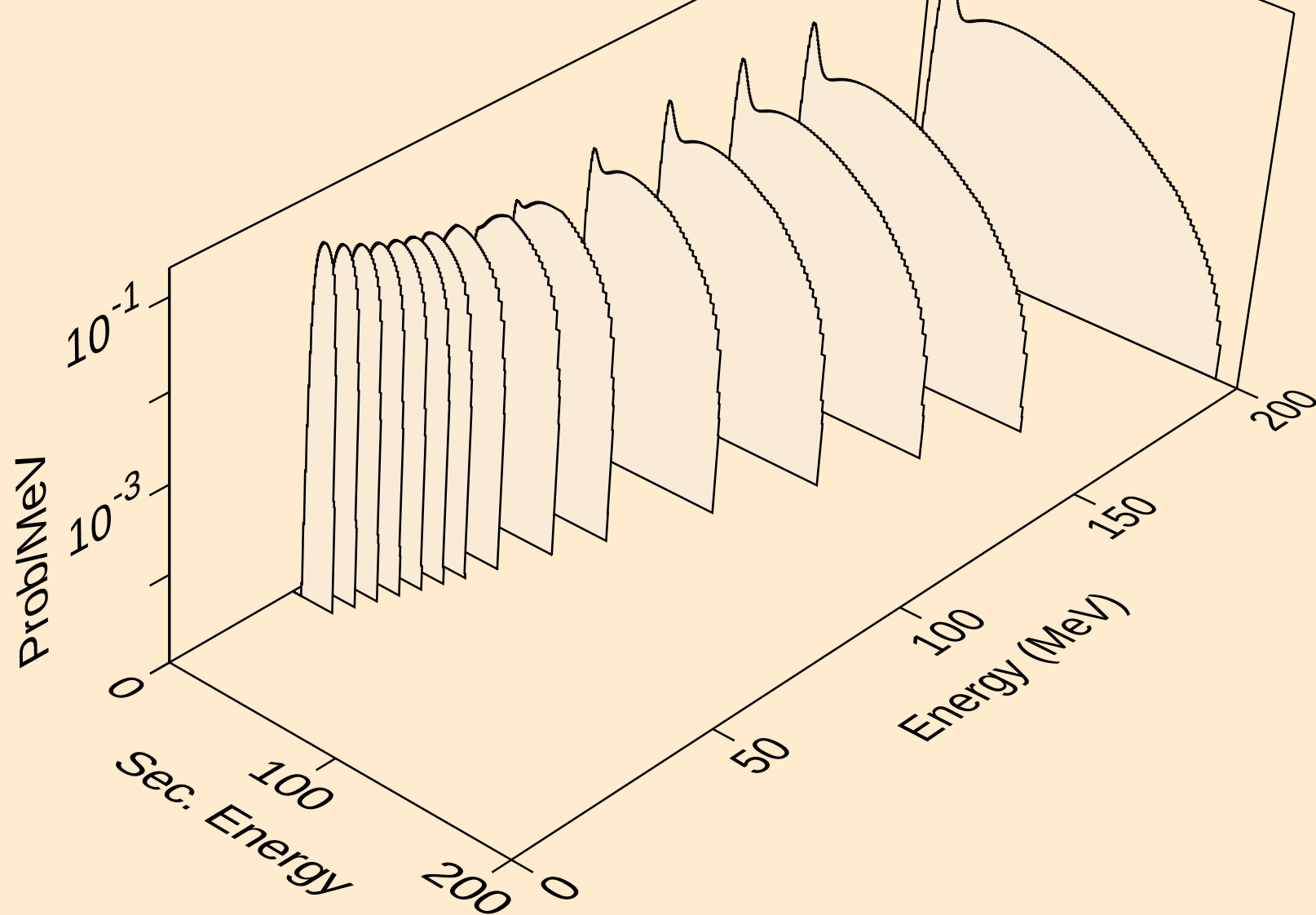
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deuterons from (n,n*)d



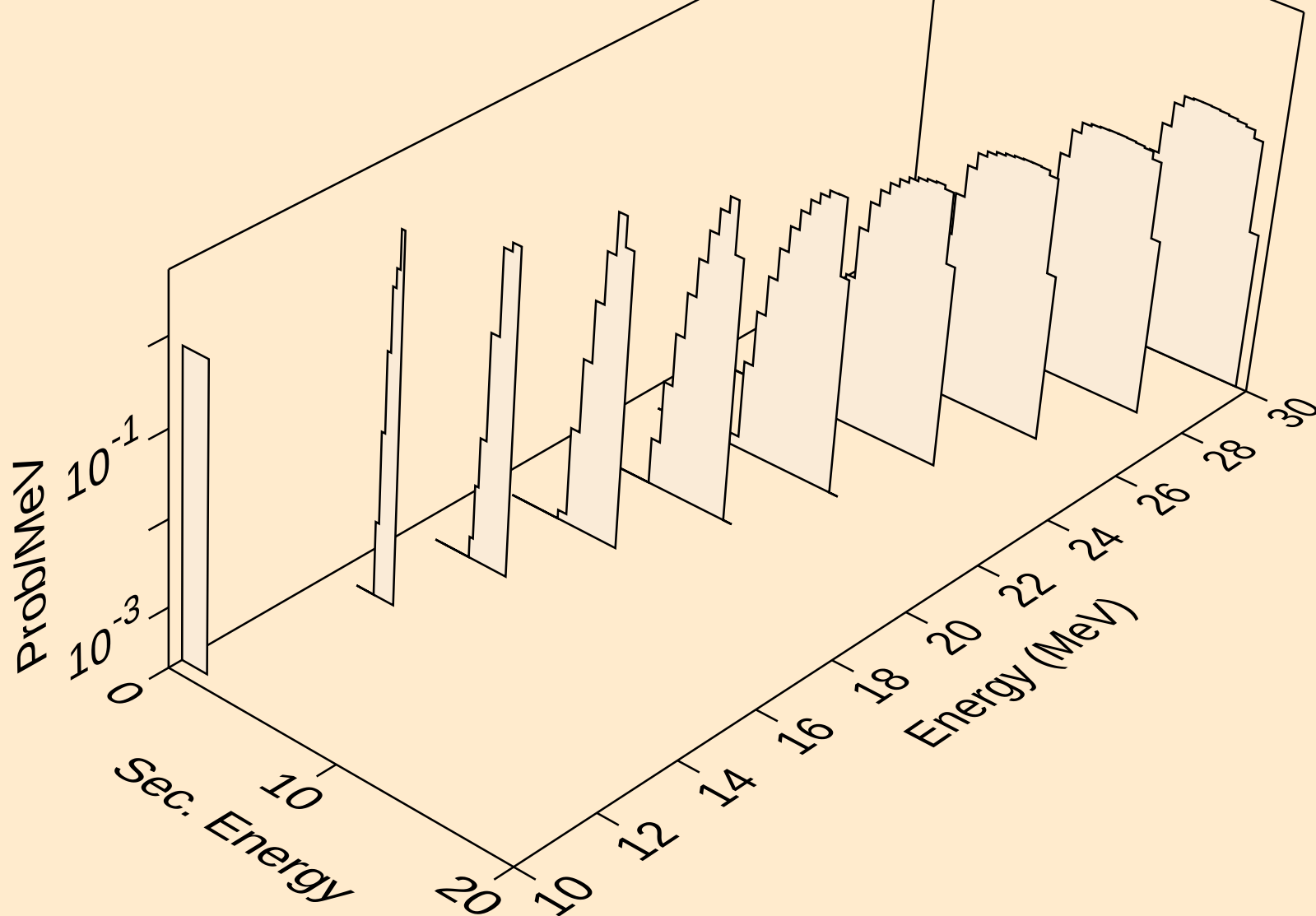
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deuterons from (n,d)



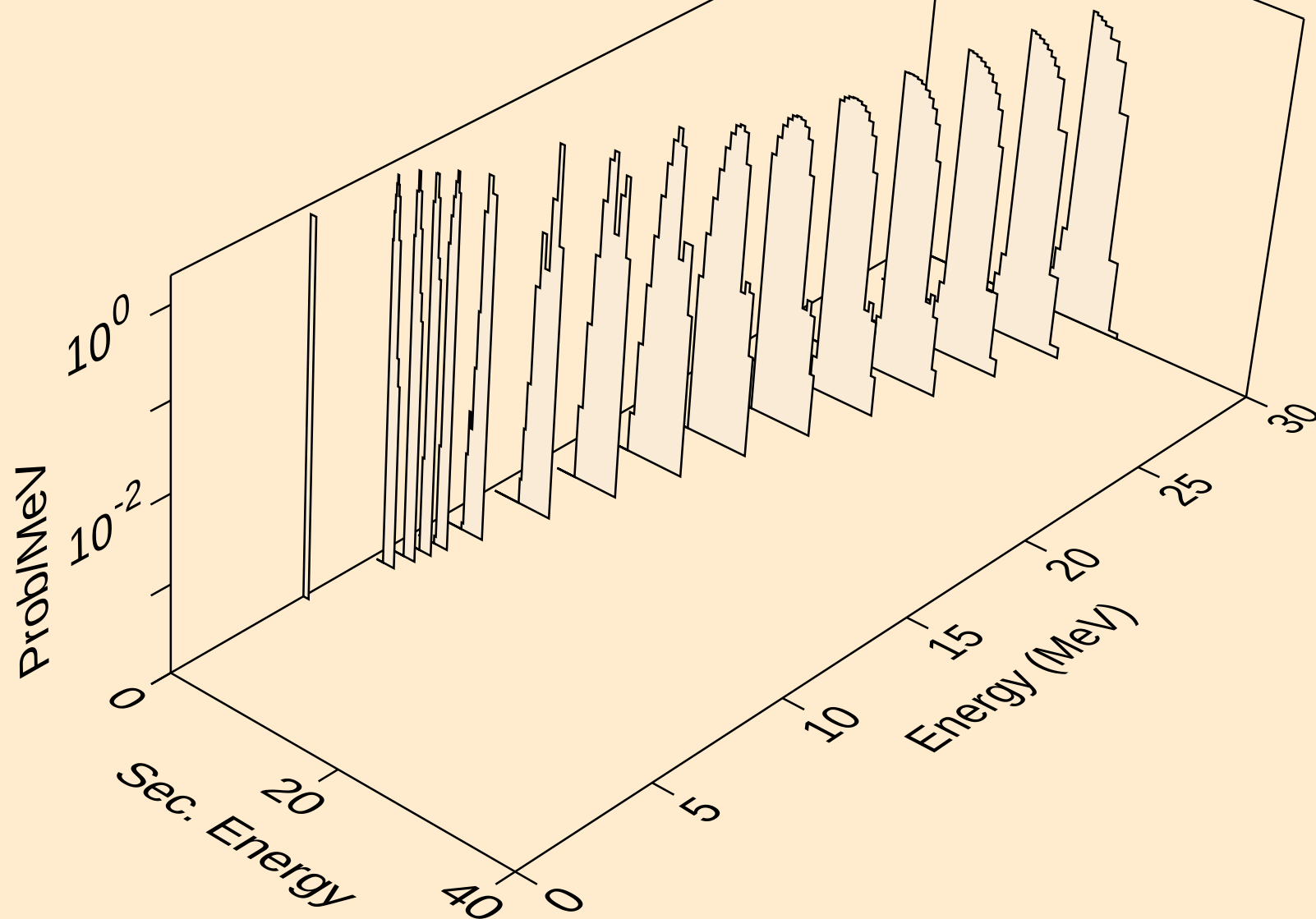
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tritons from (n,x)



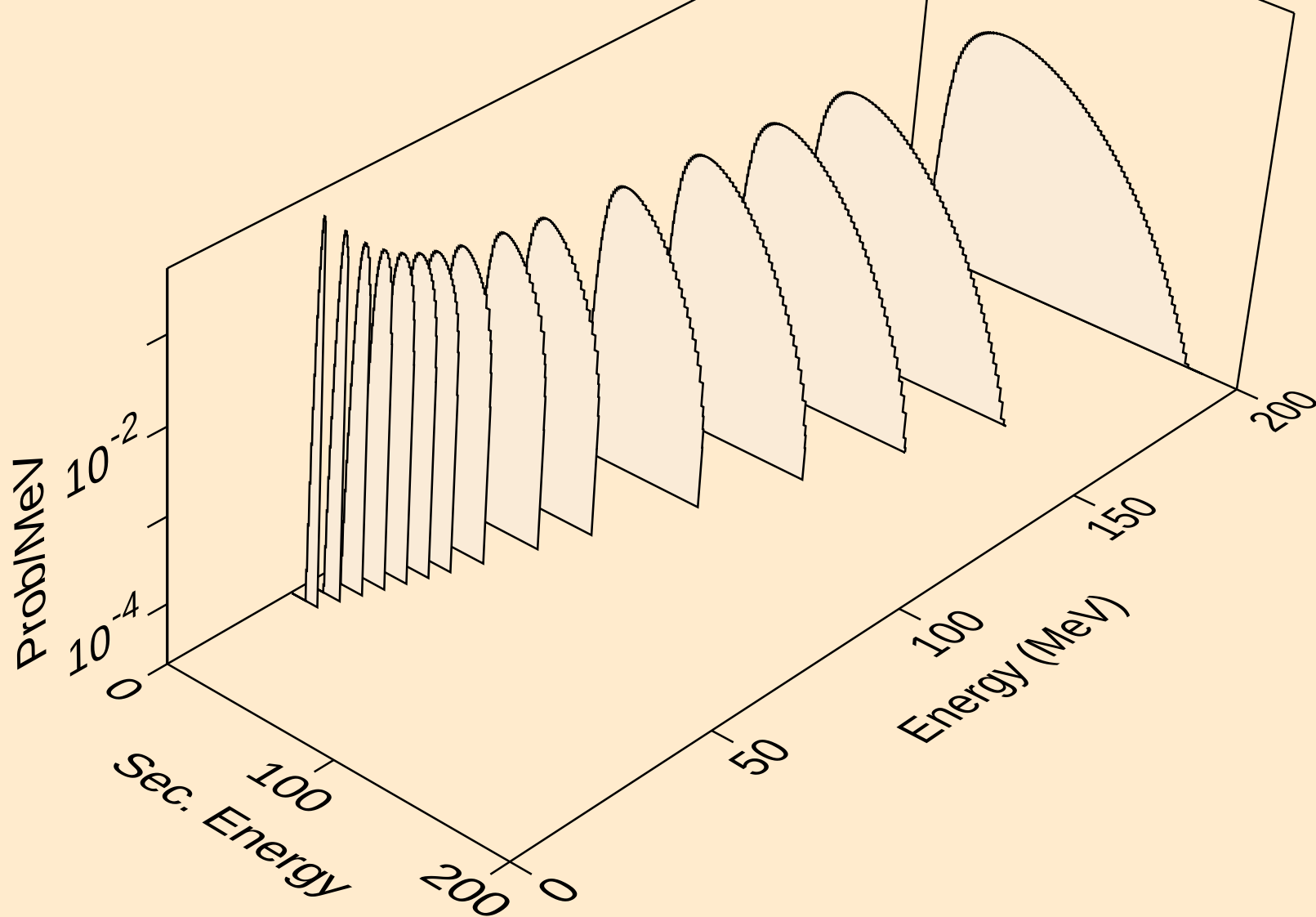
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tritons from (n,n*)t



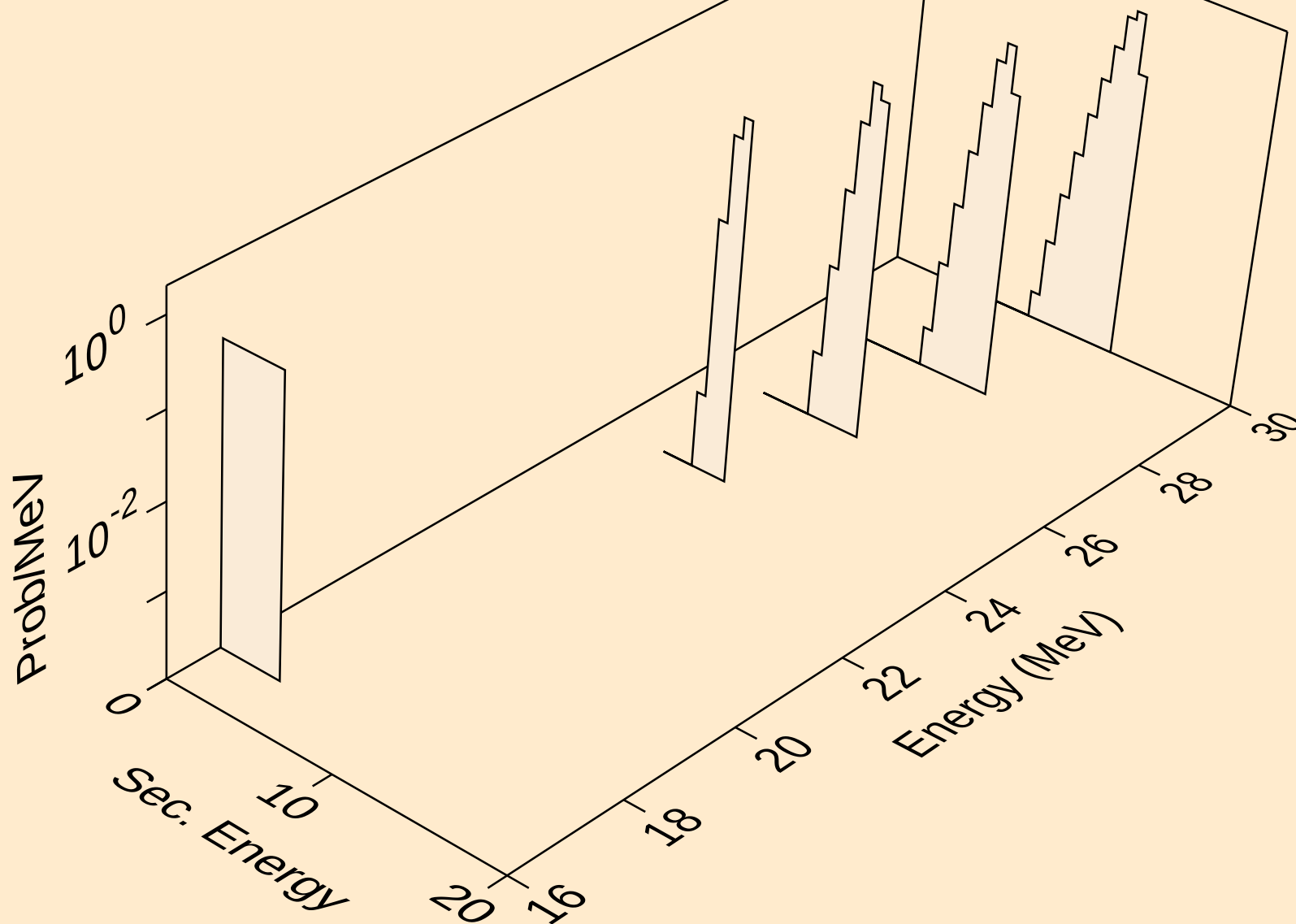
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tritons from (n,t)



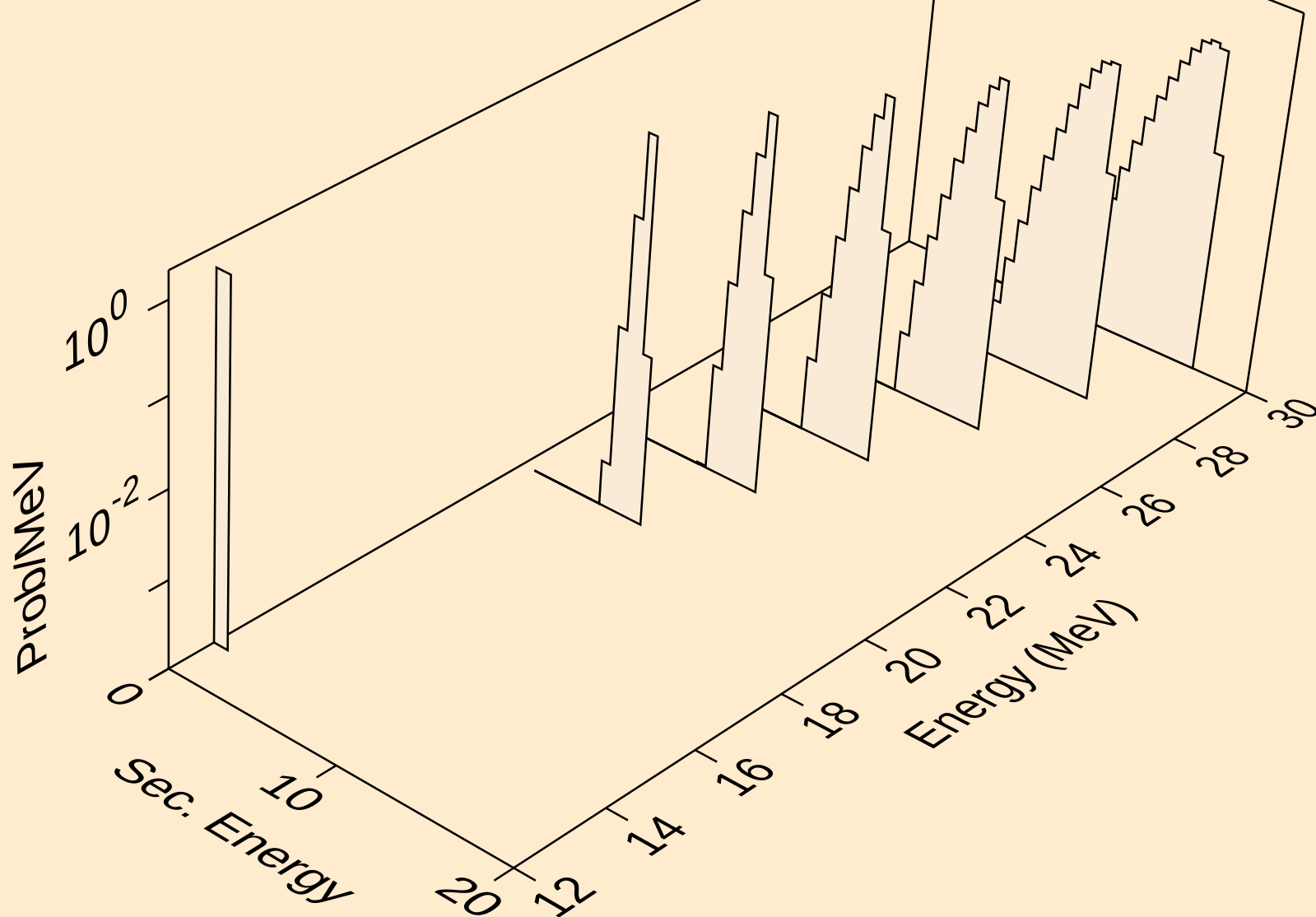
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he3s from (n,x)



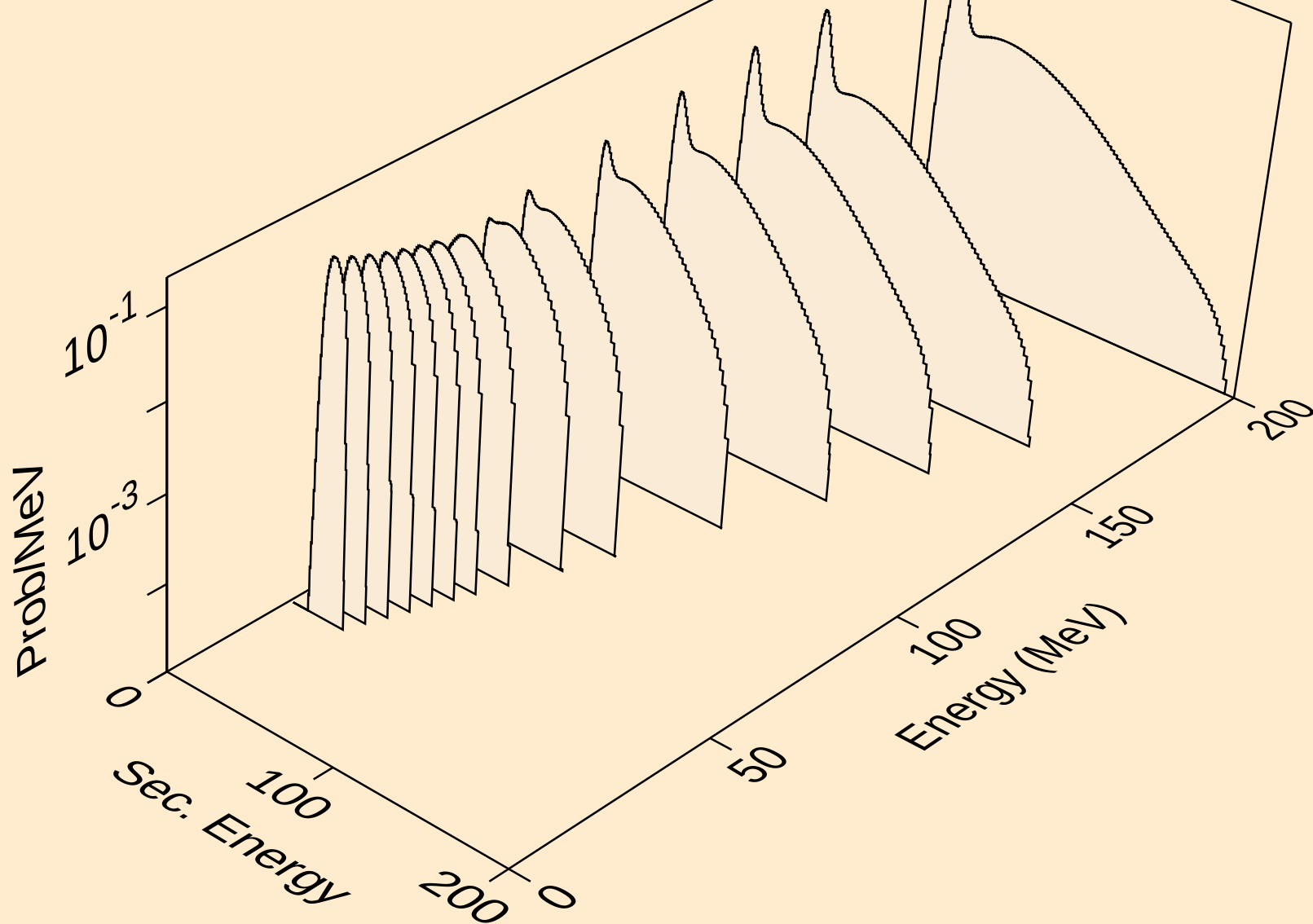
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he3s from (n,n*)he3



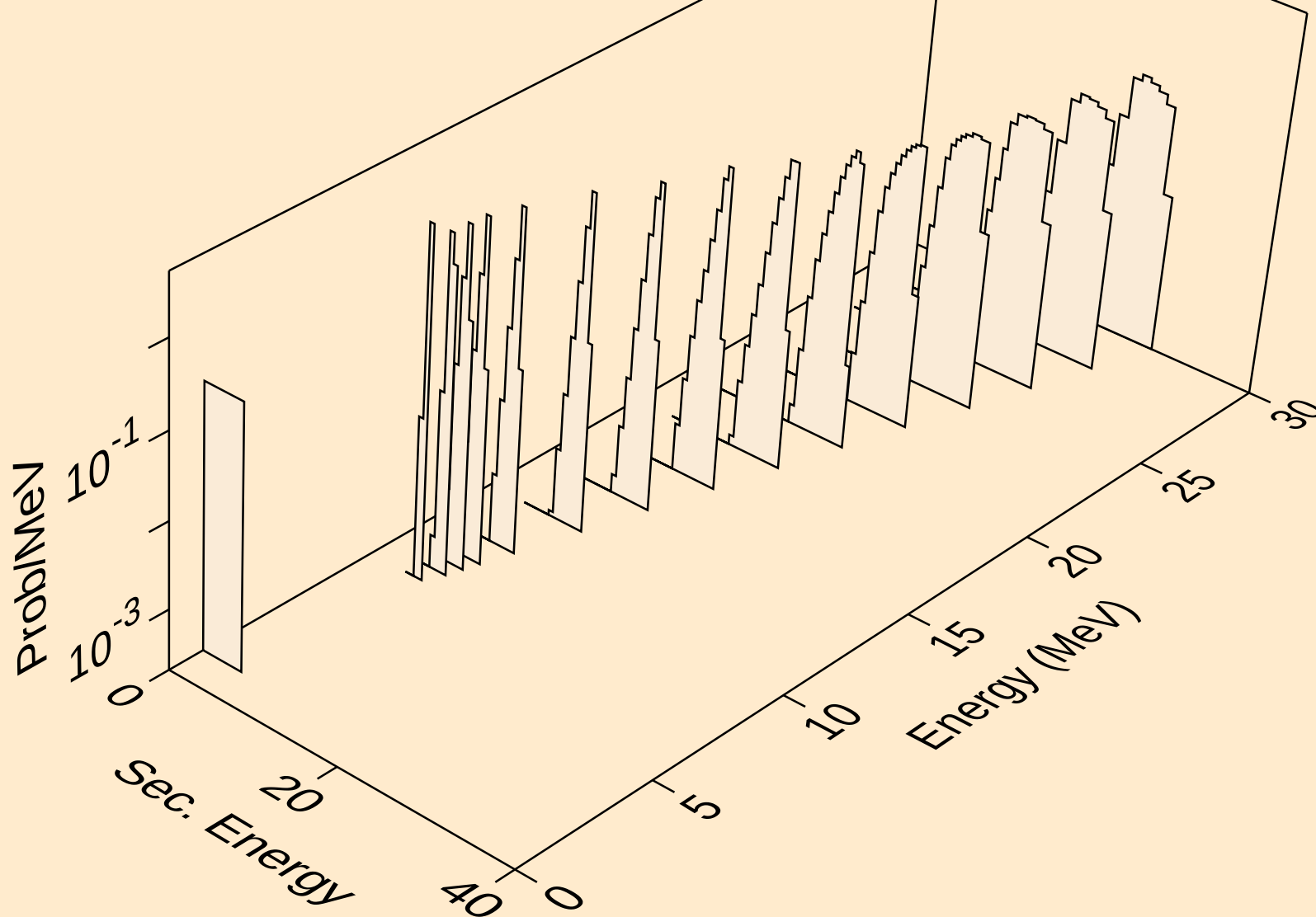
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he3s from (n,he3)



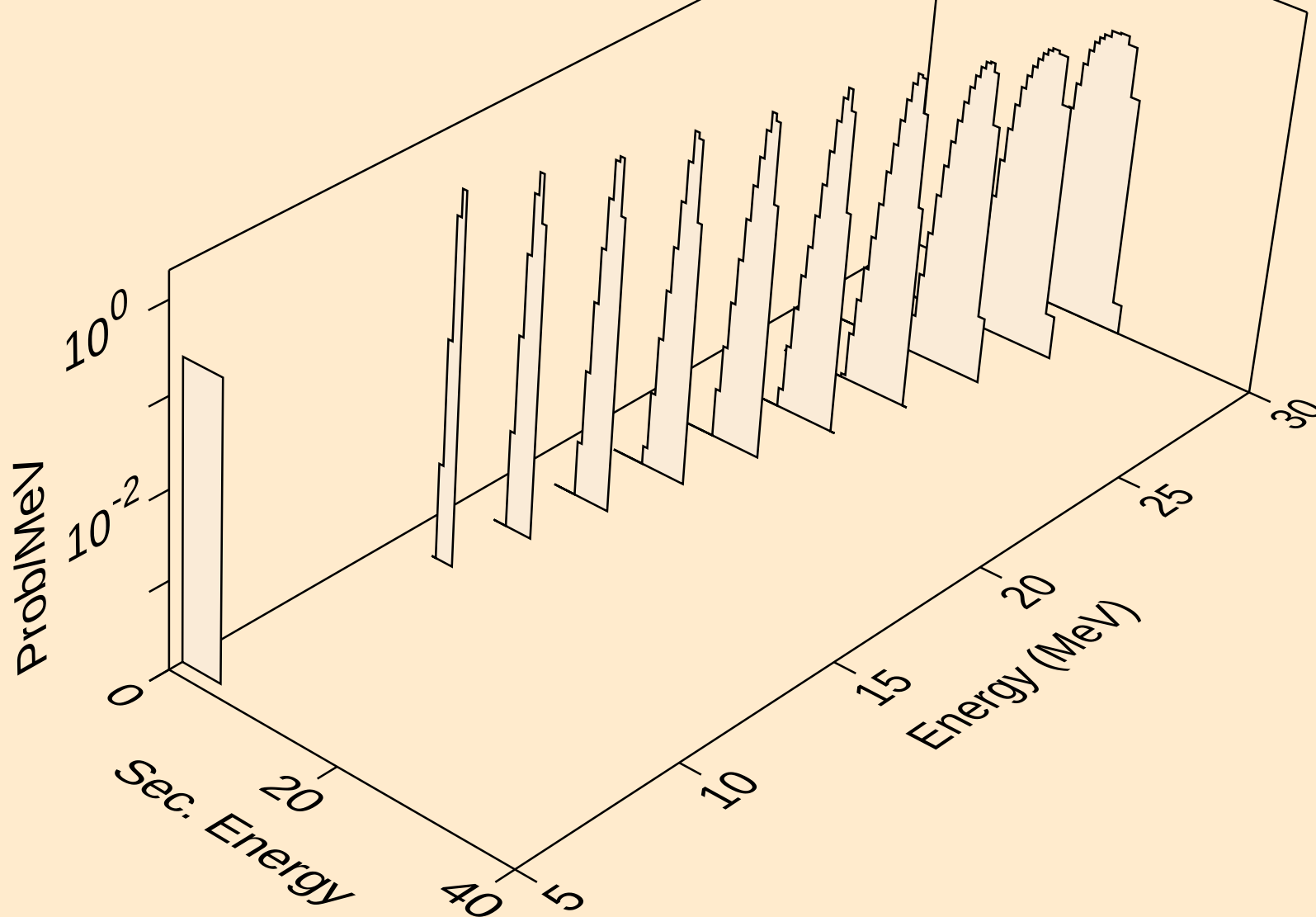
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



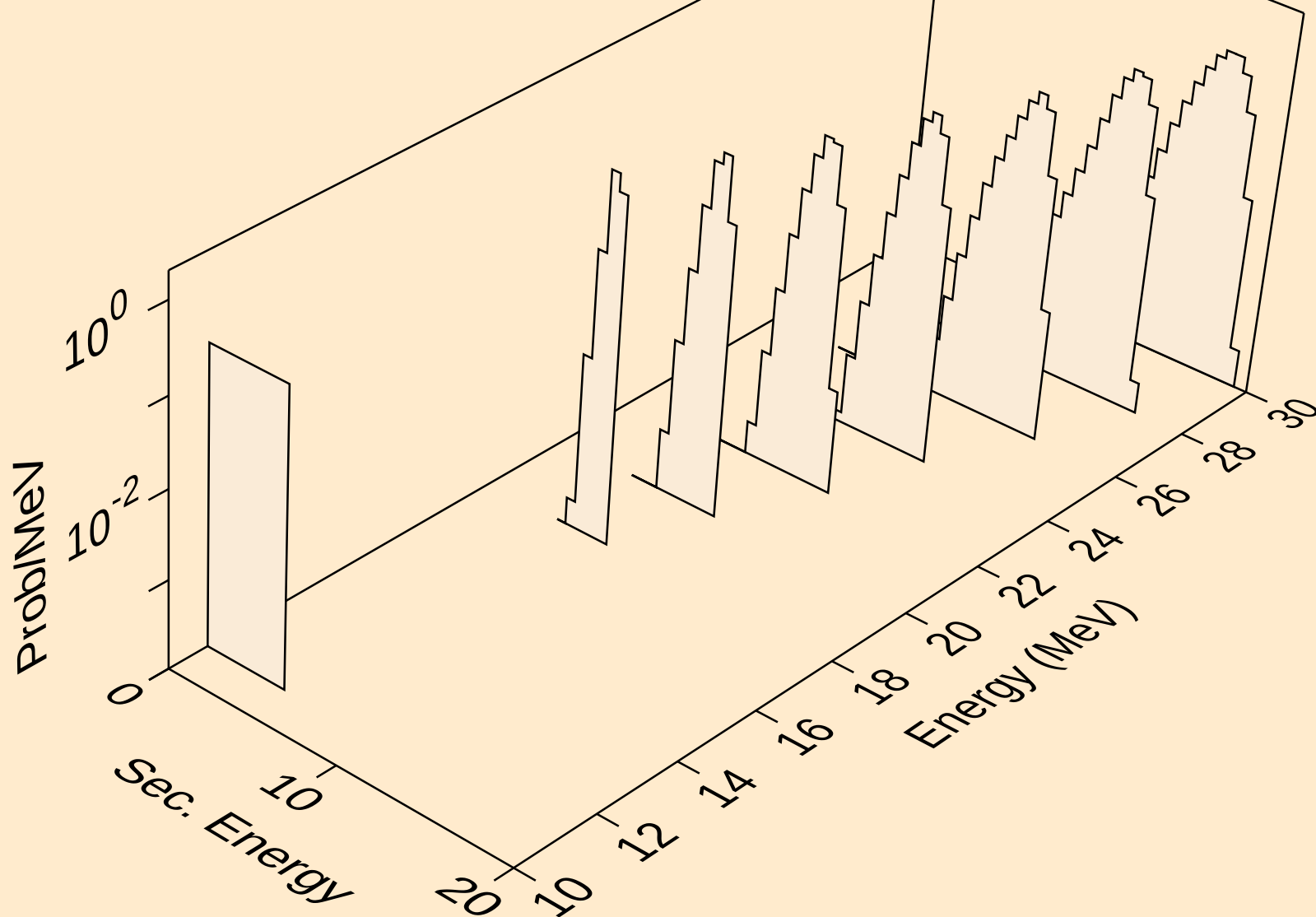
TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



TM180 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

