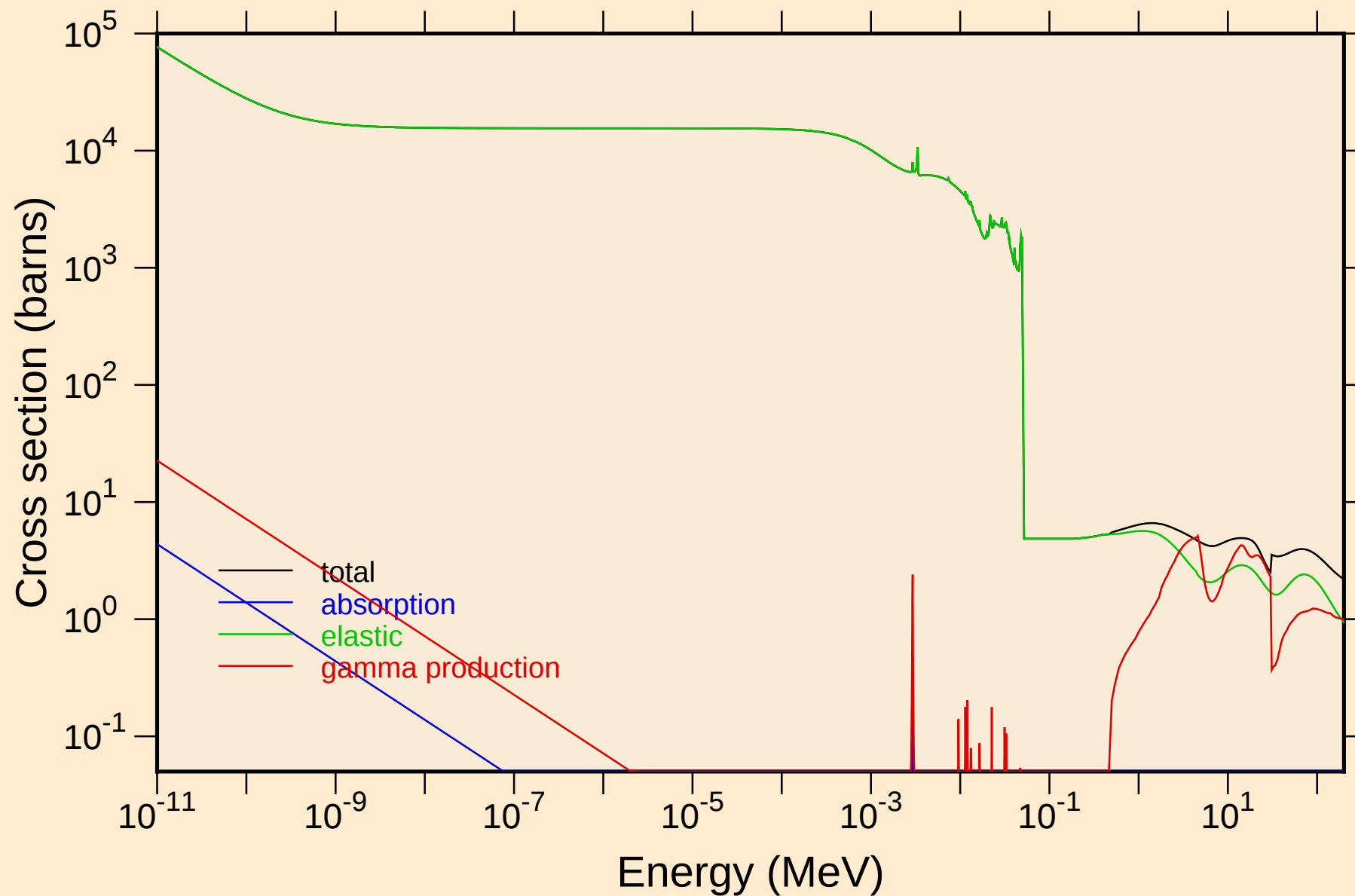
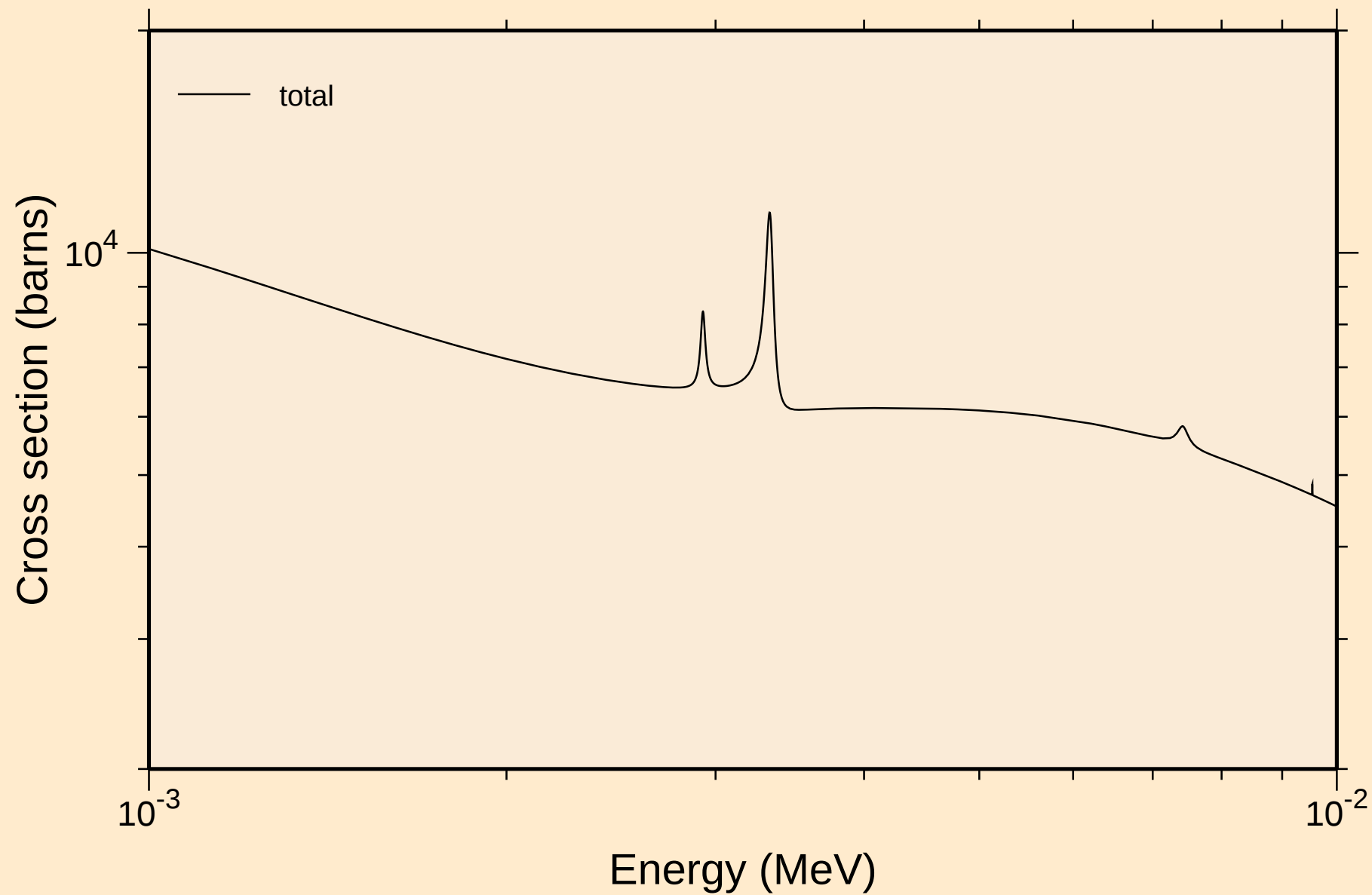


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

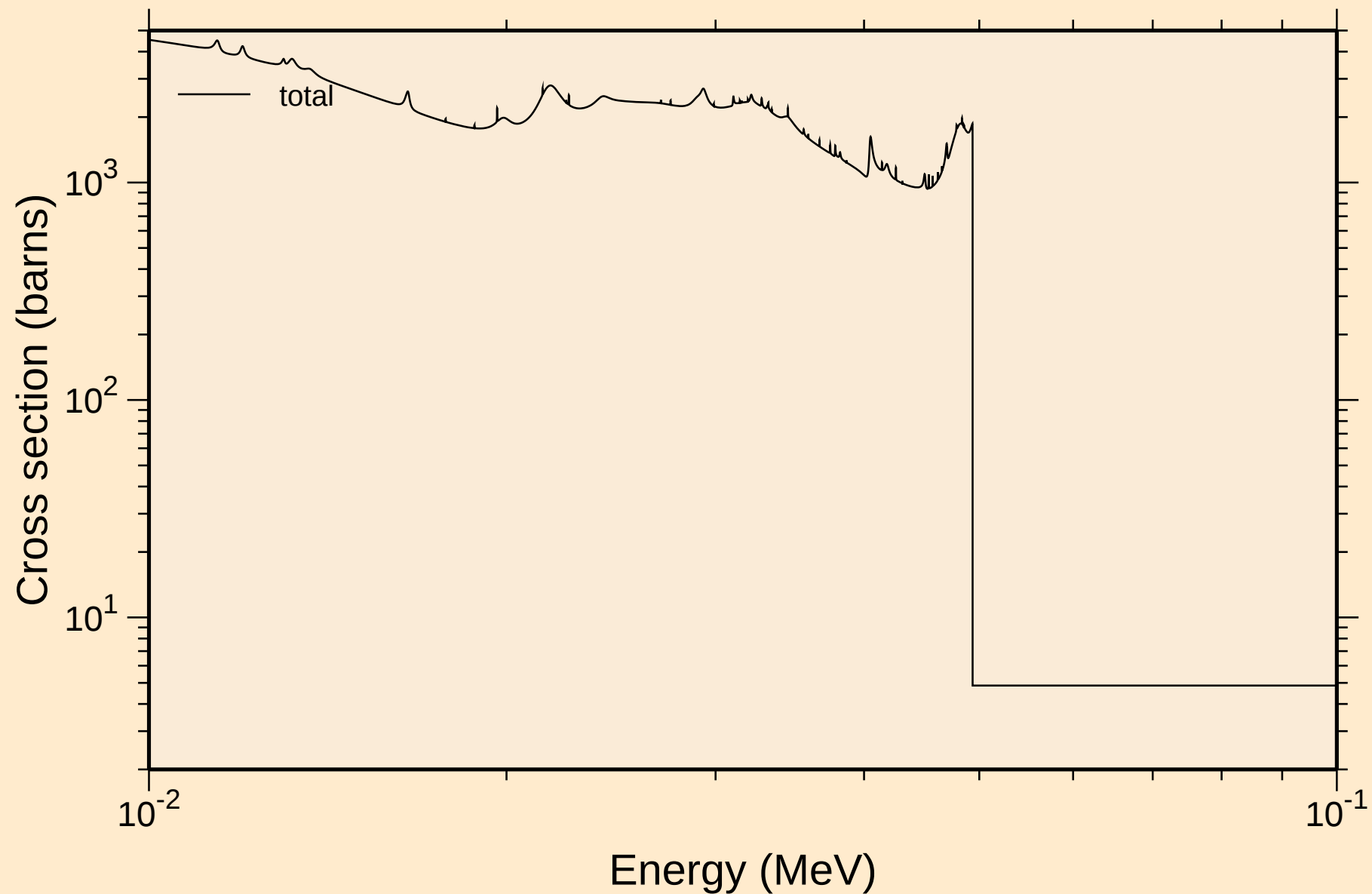
Principal cross sections



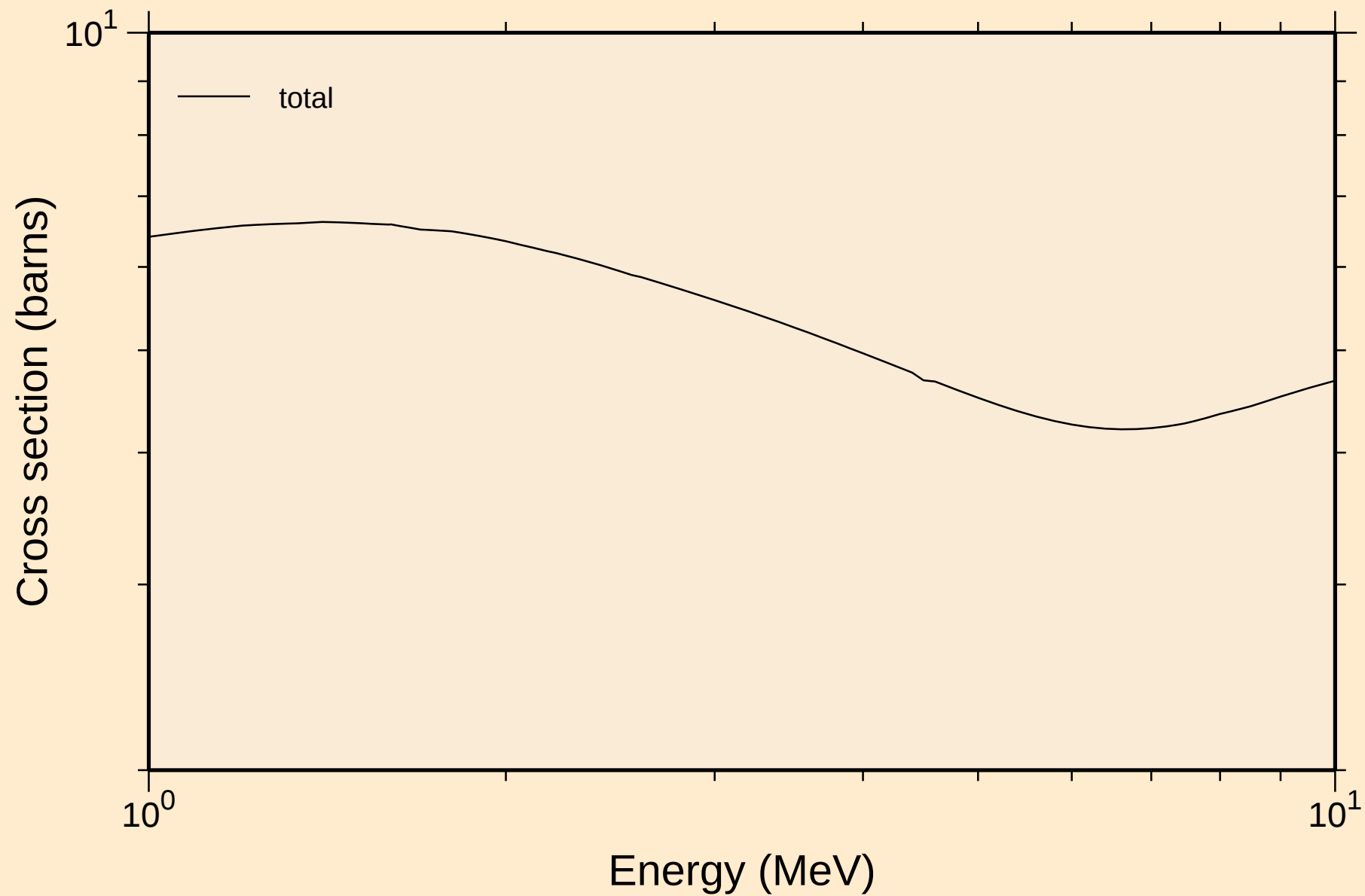
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



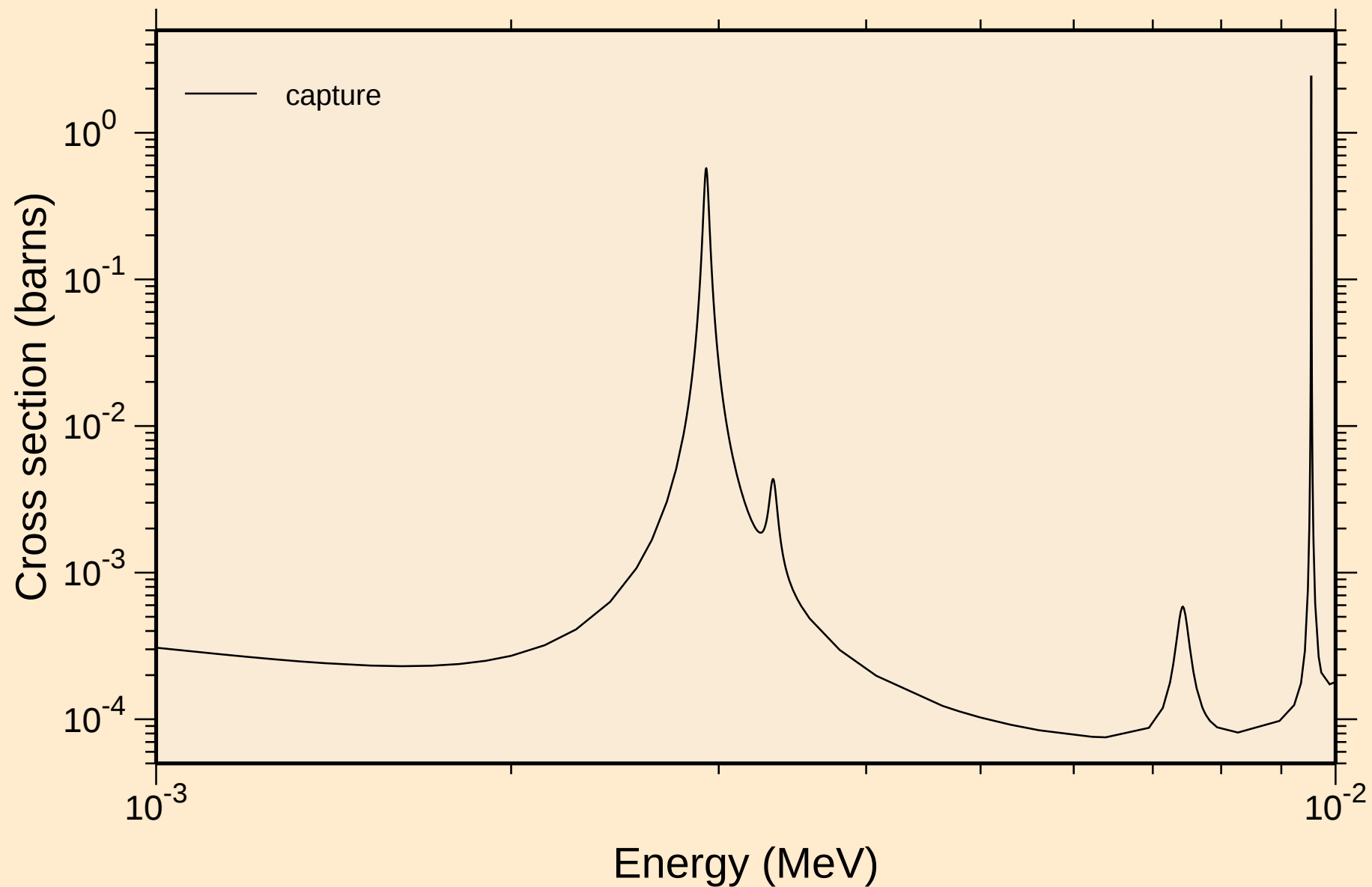
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



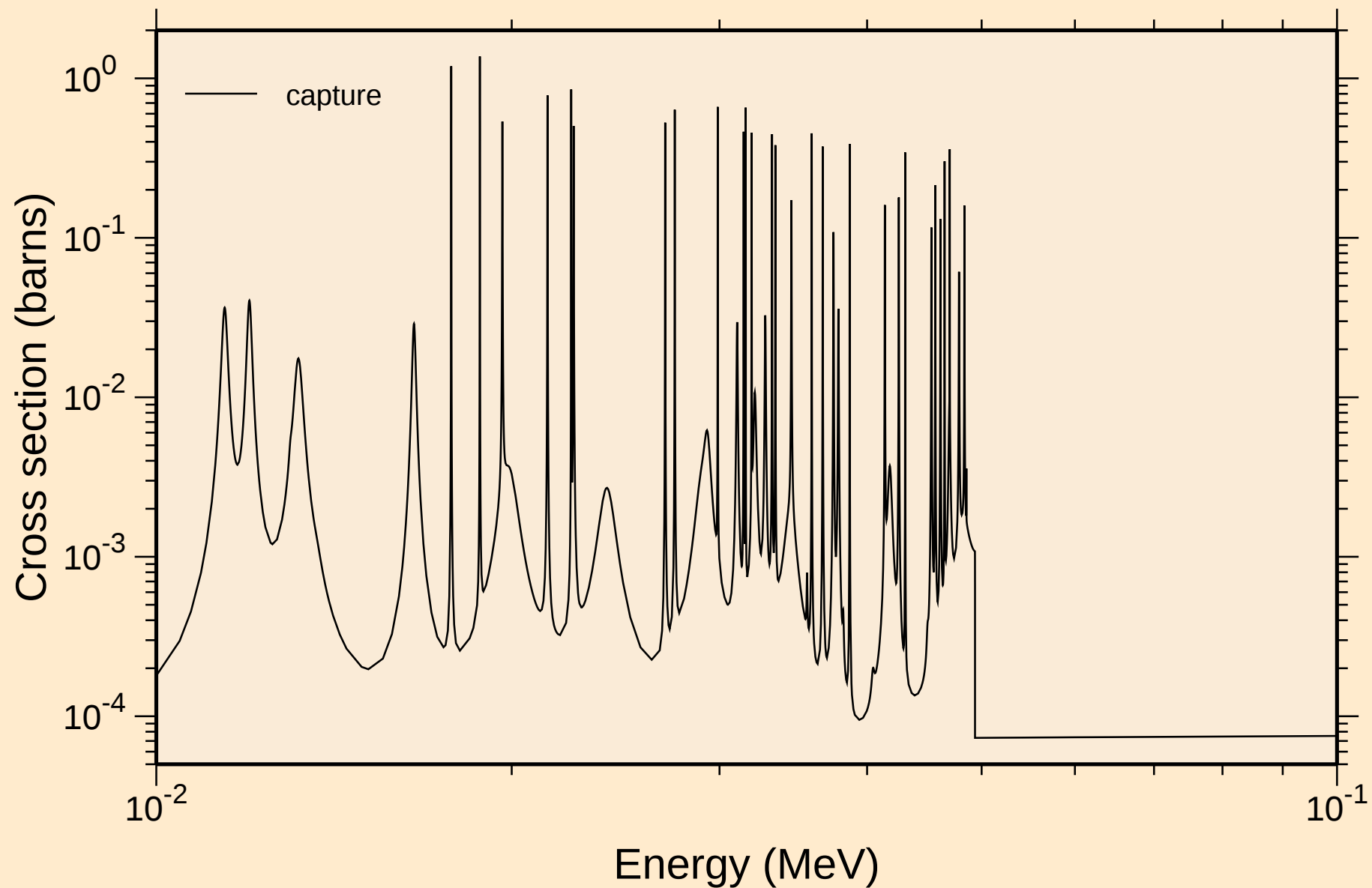
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



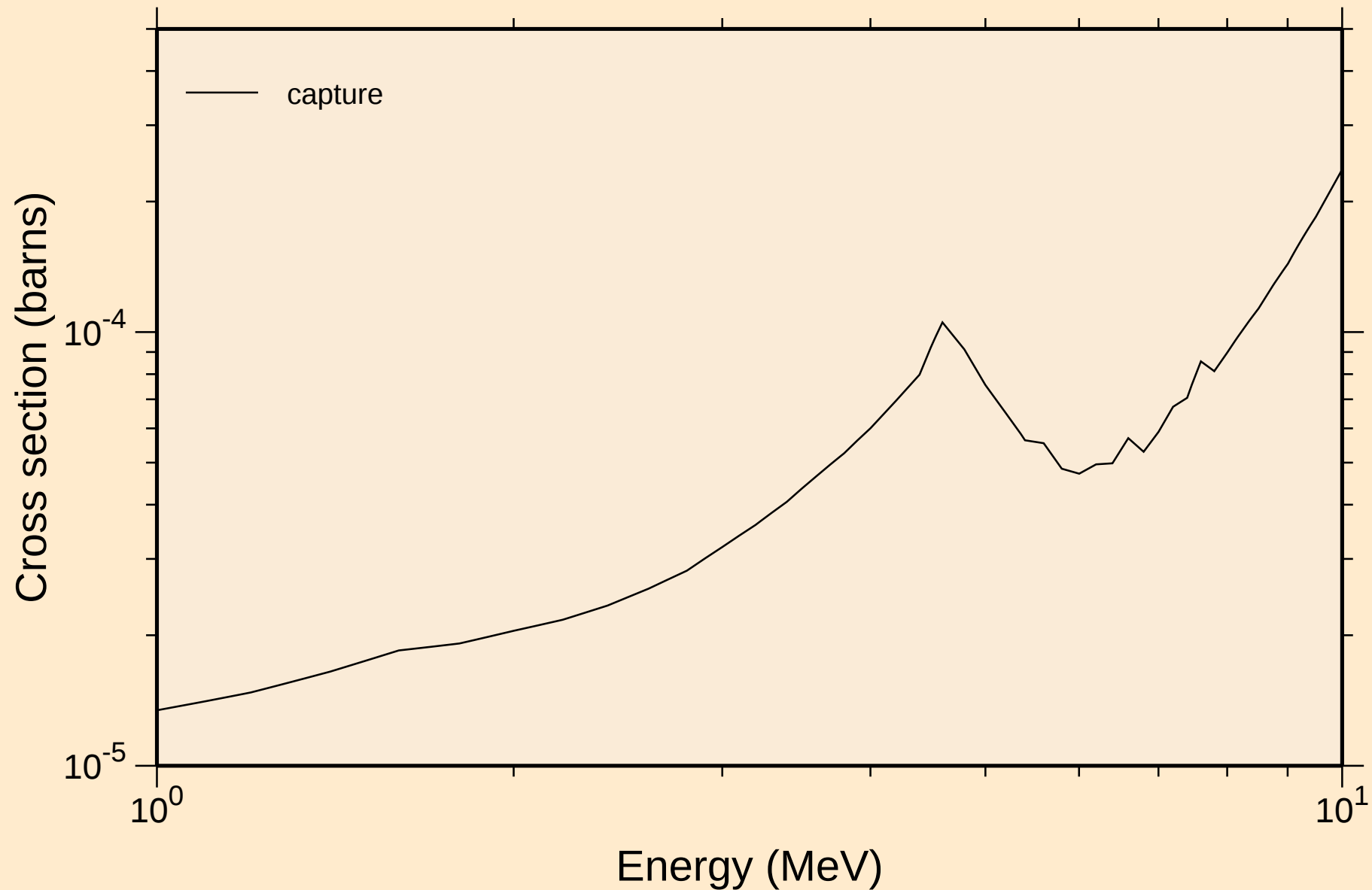
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

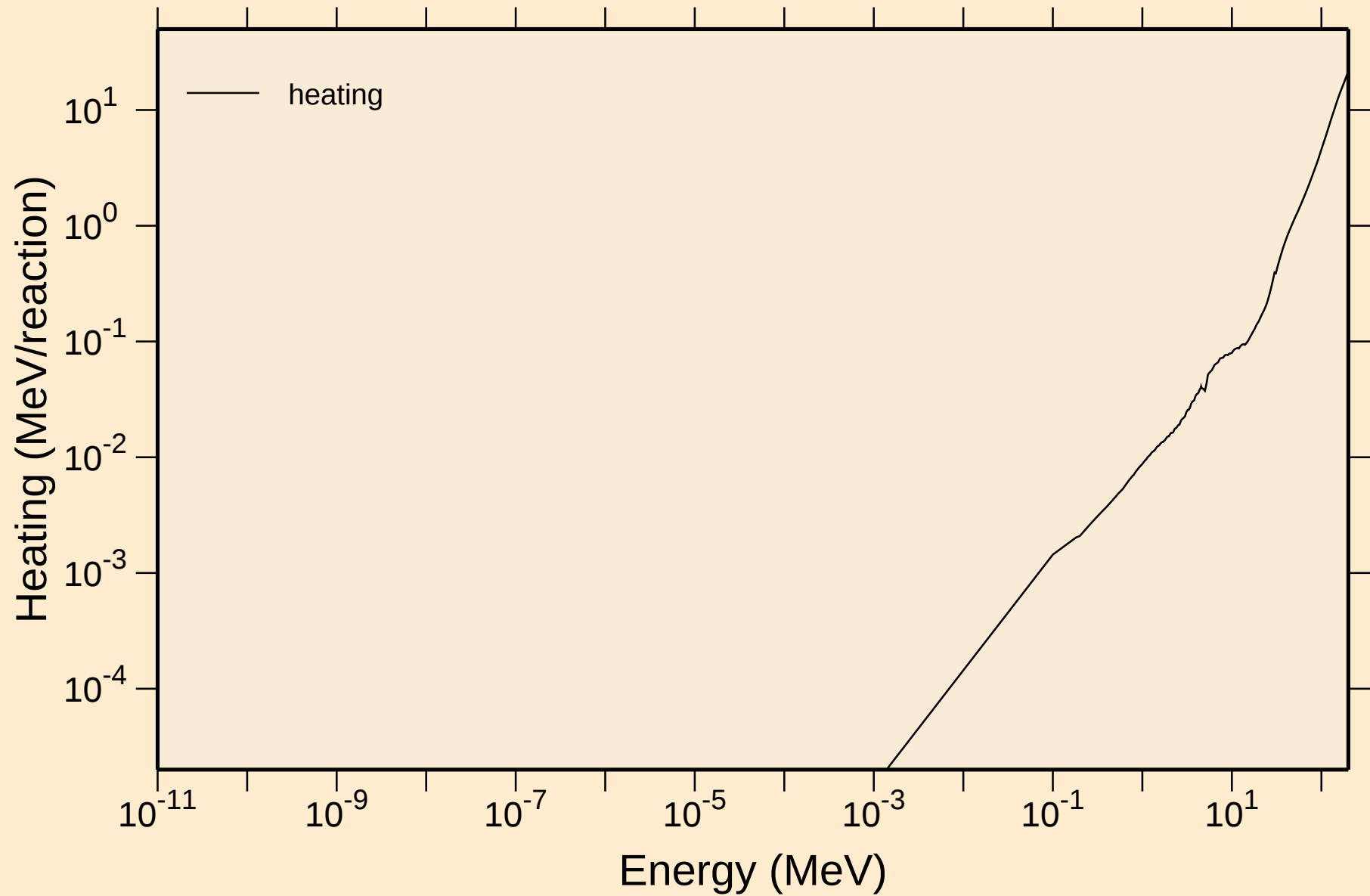


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

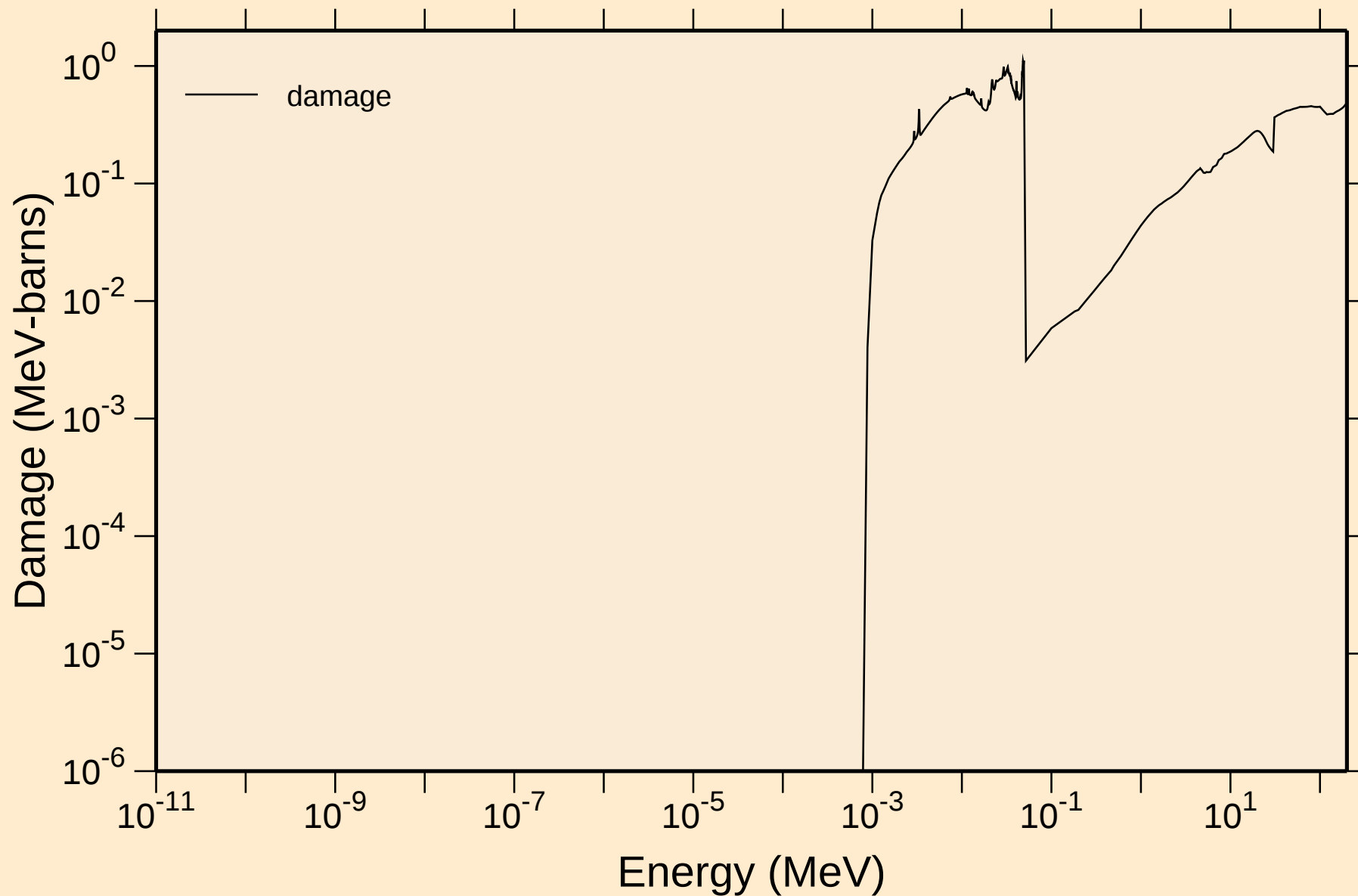


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

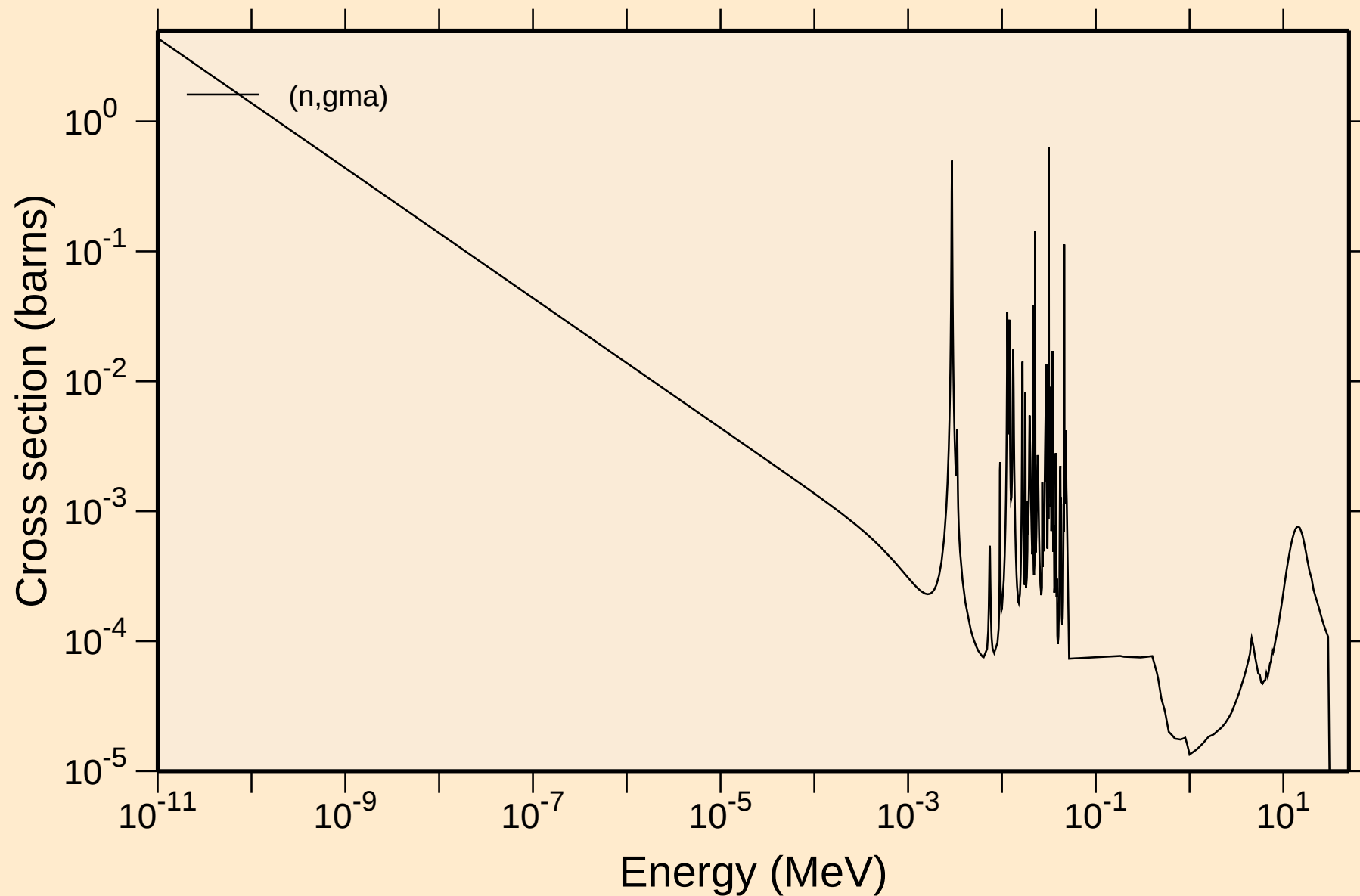
Heating



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

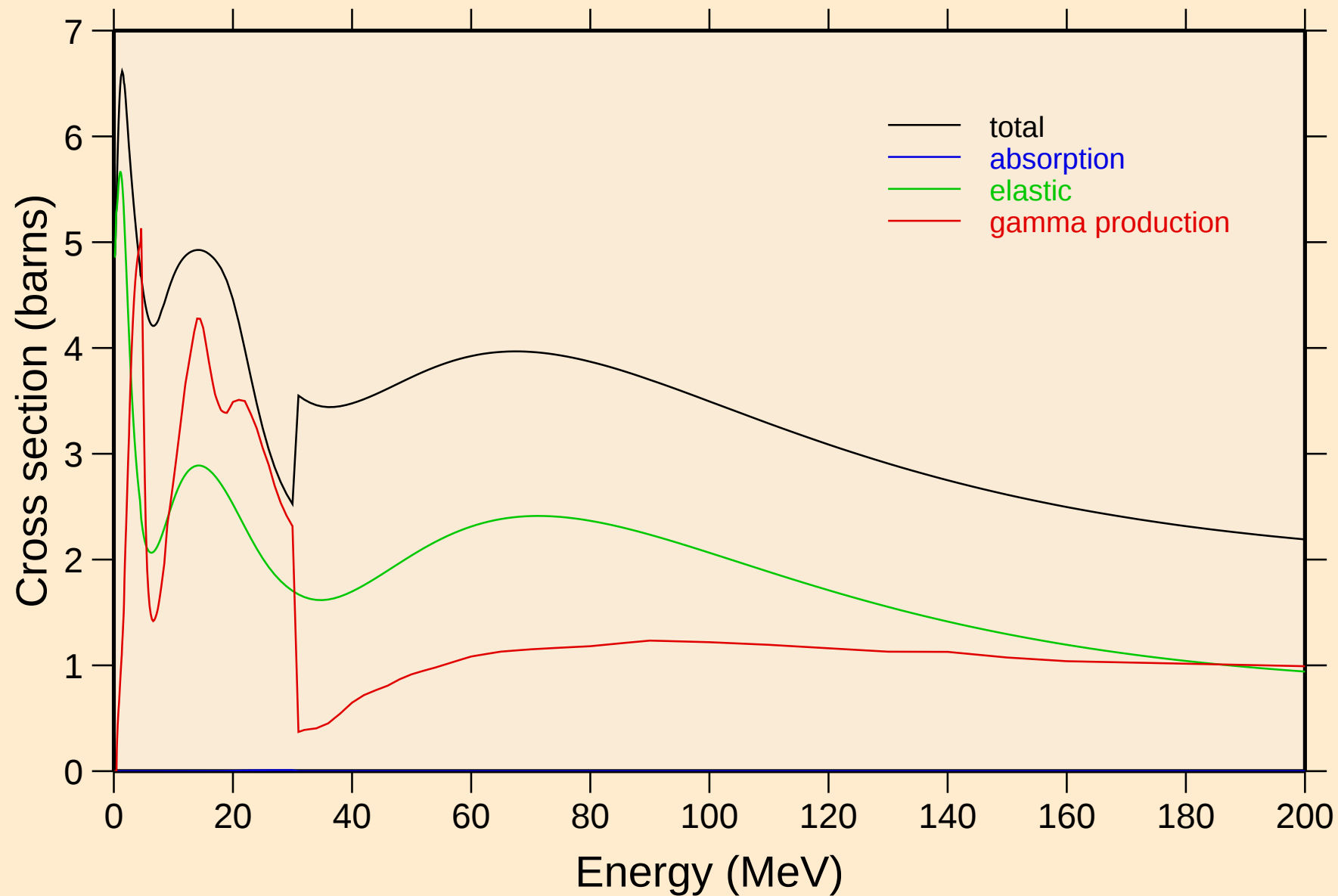


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



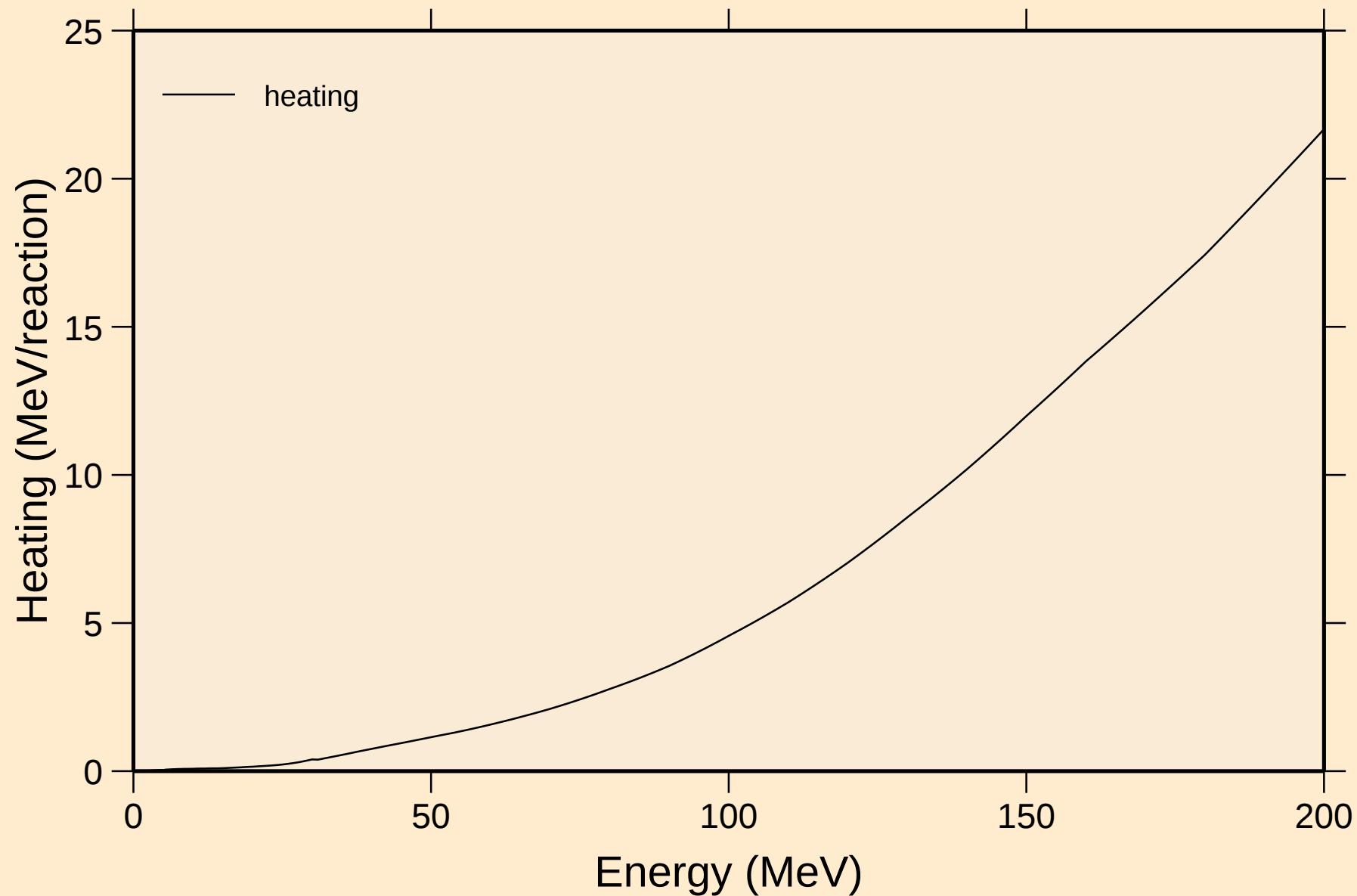
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



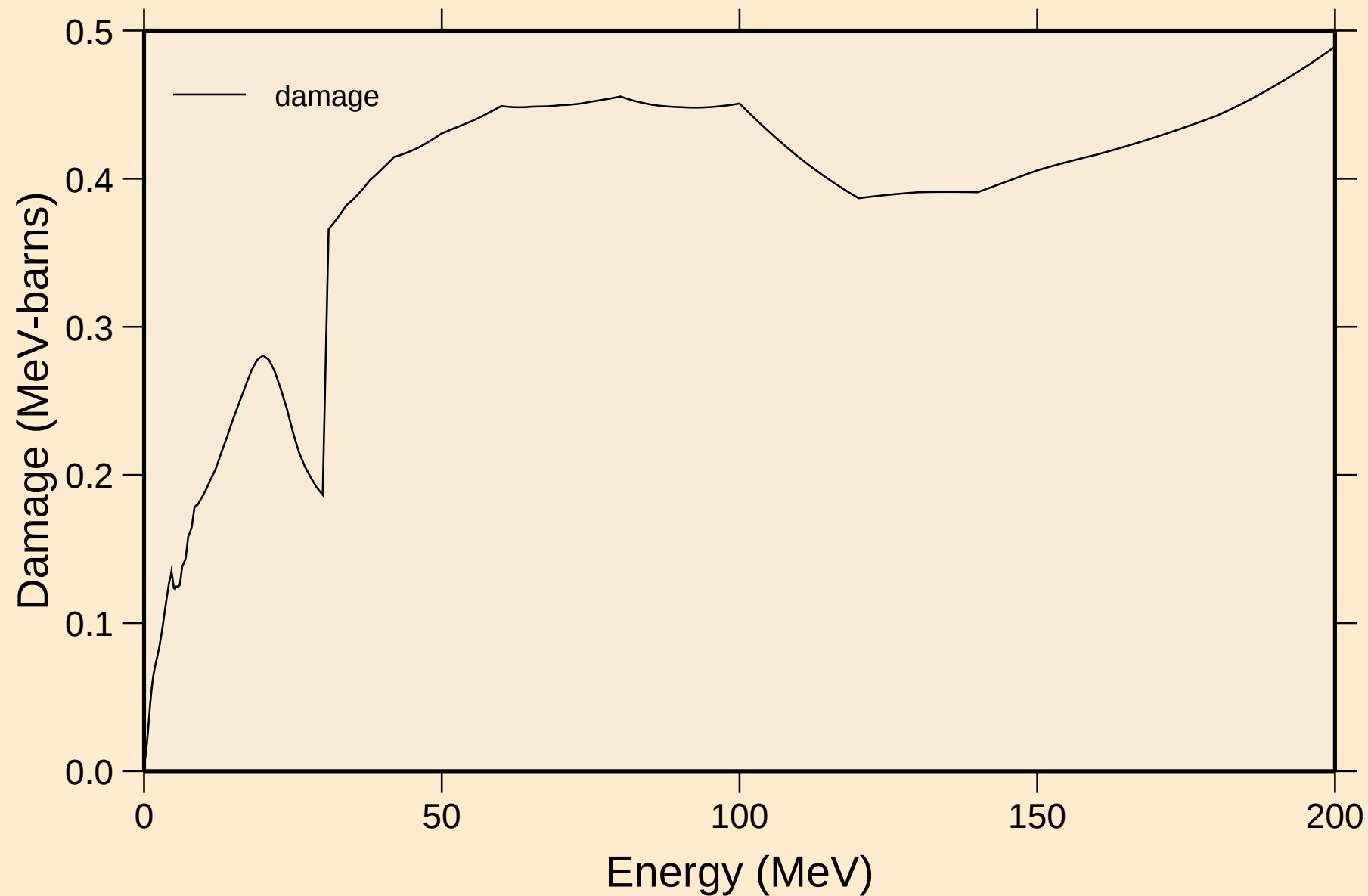
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

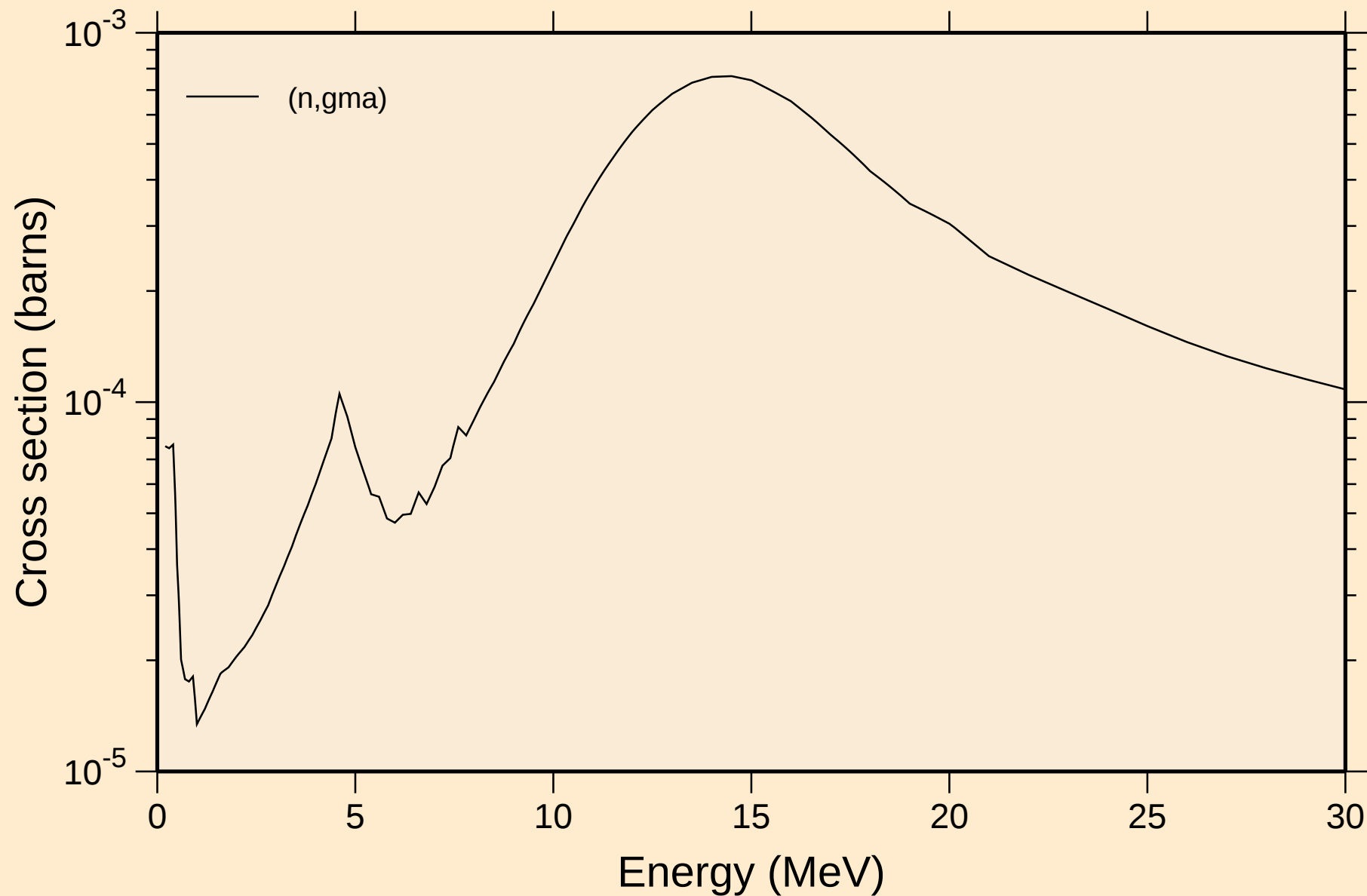


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

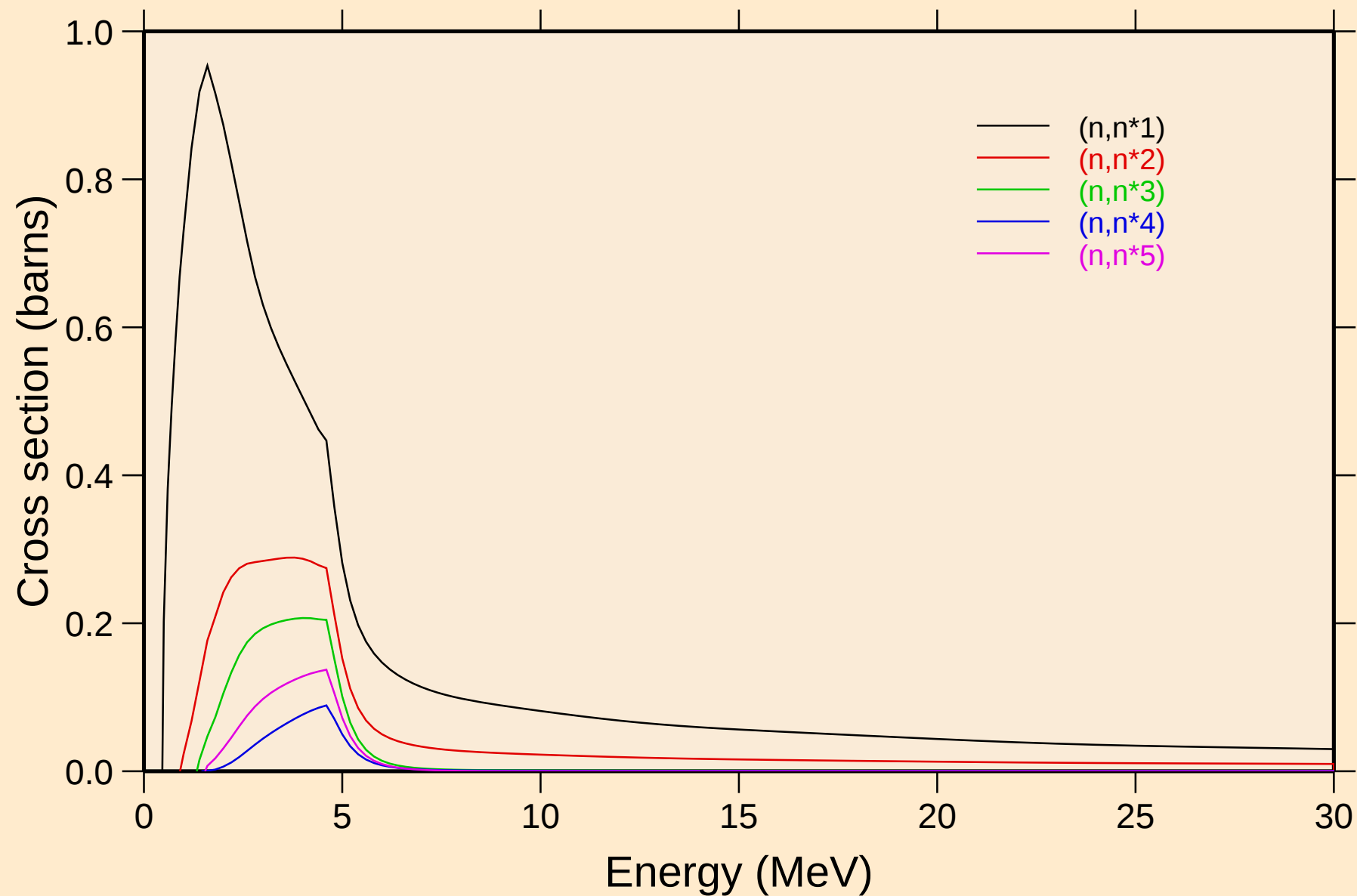
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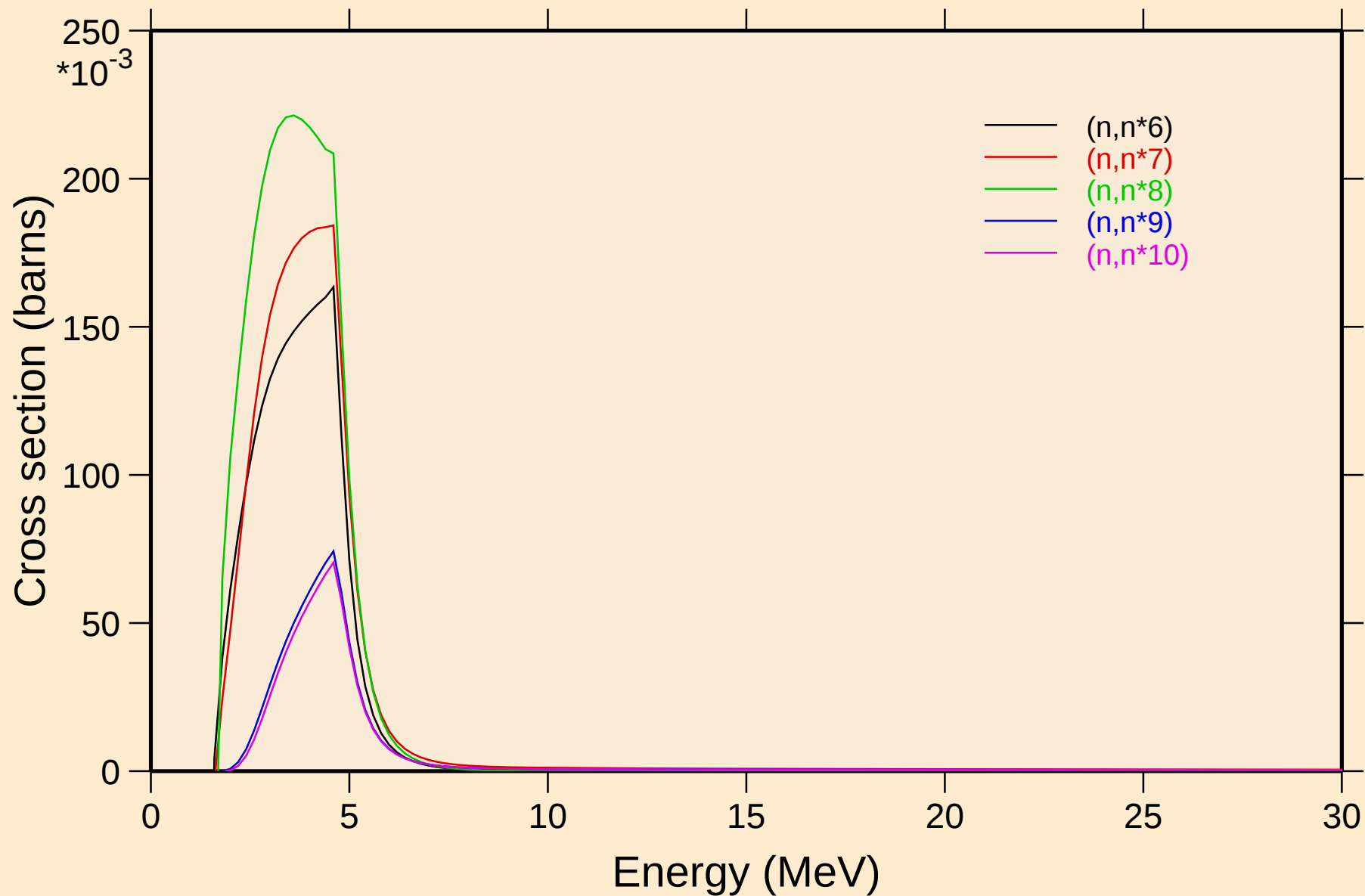
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



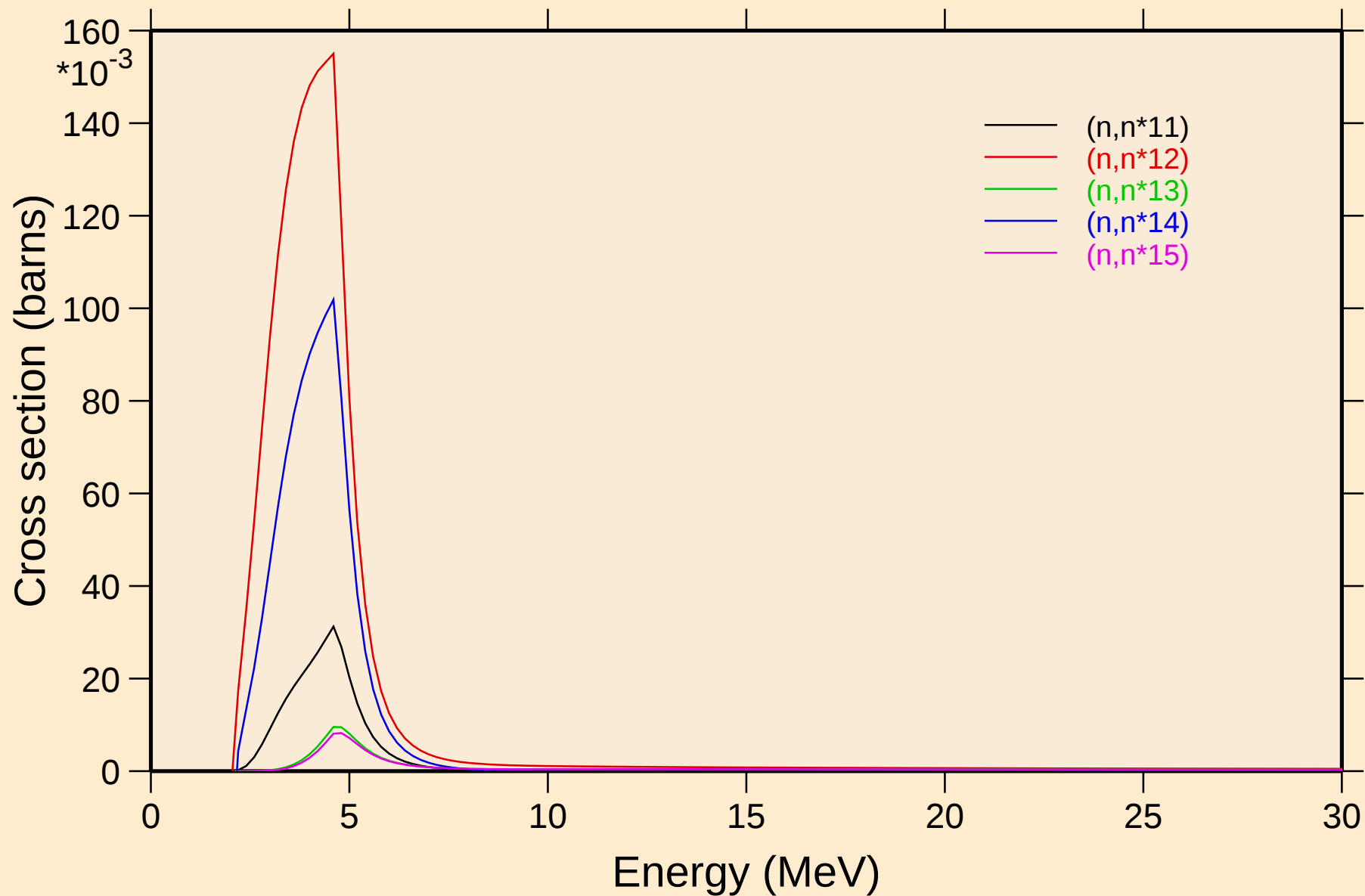
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

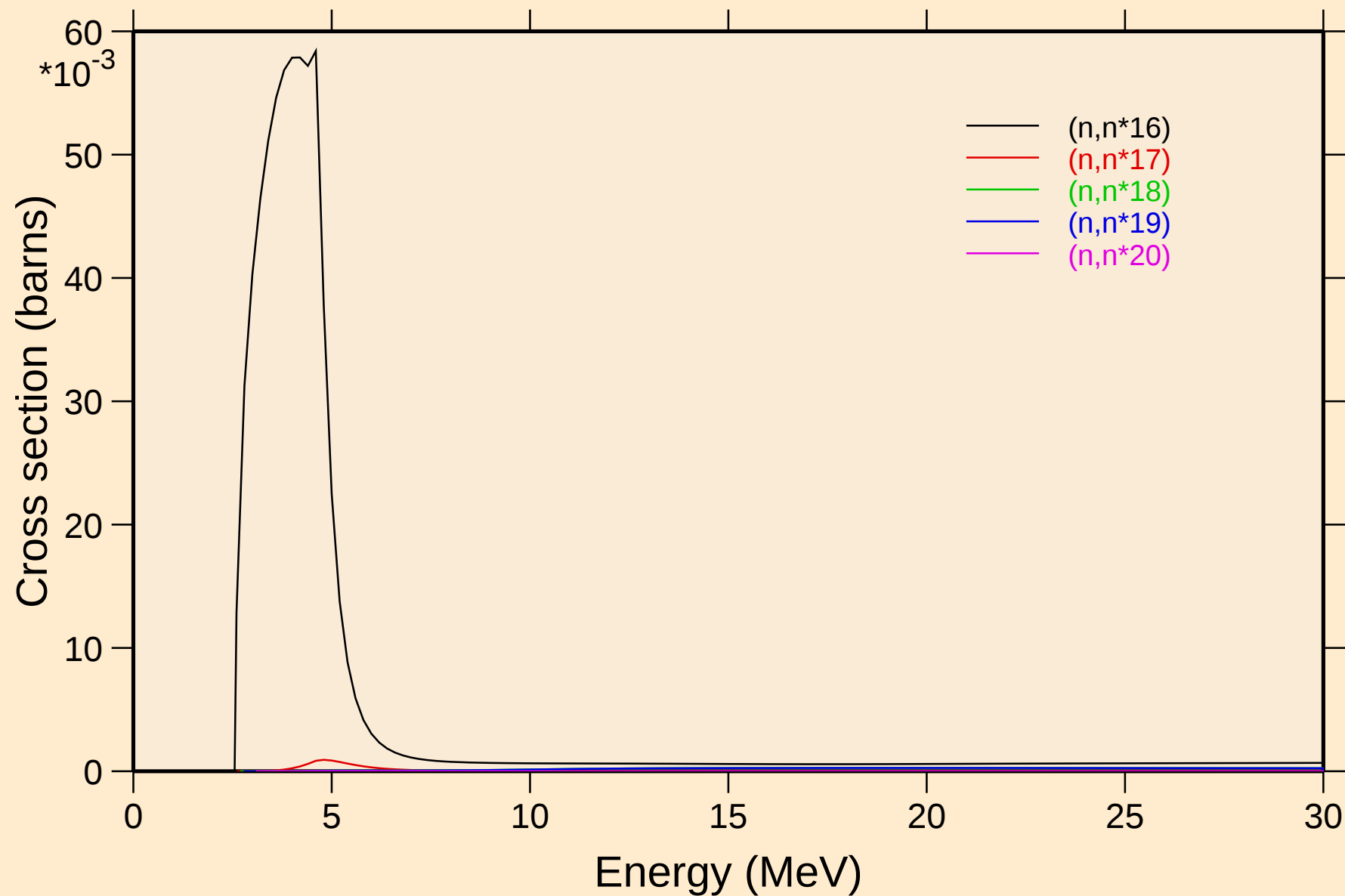


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



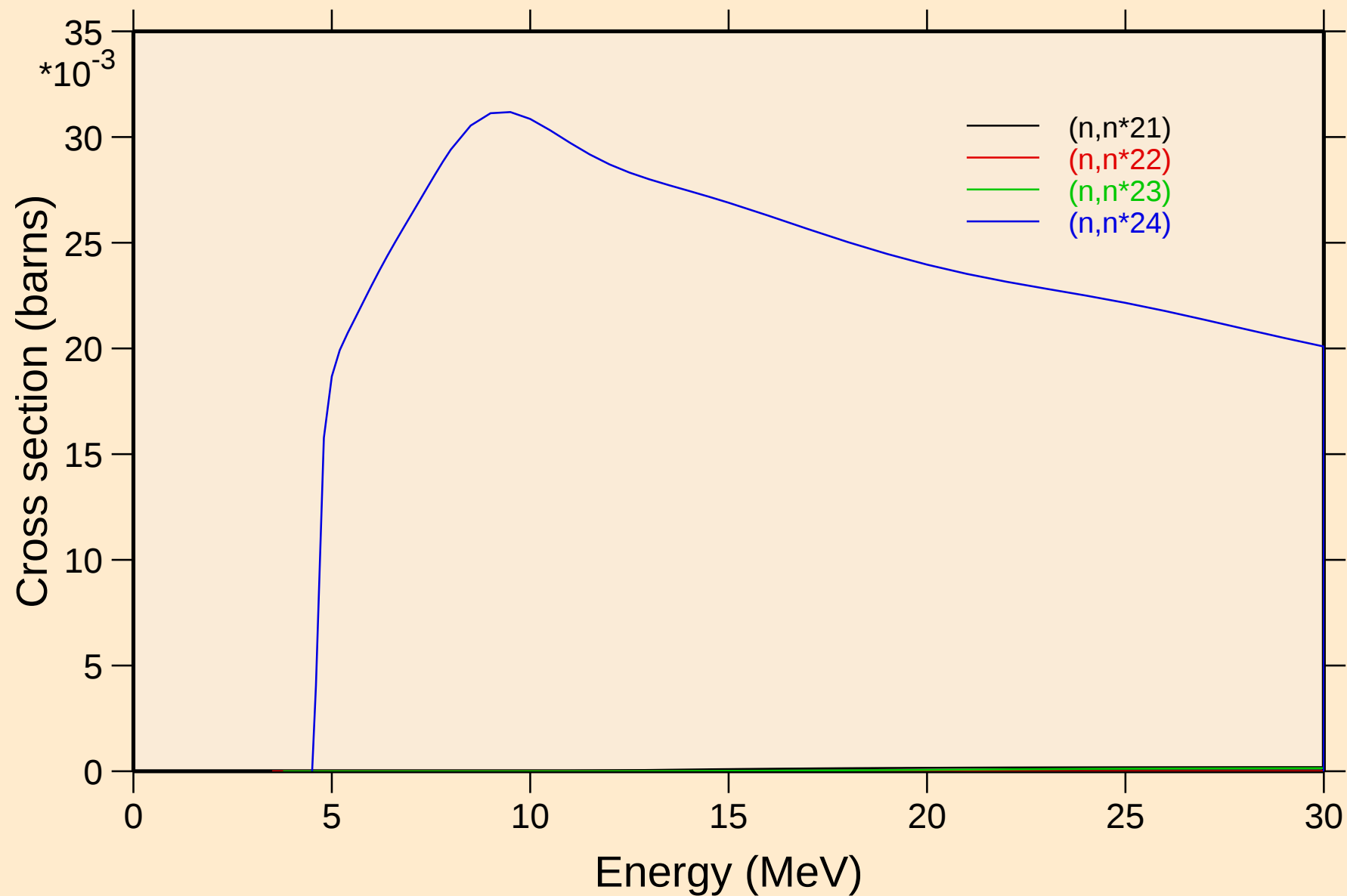
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



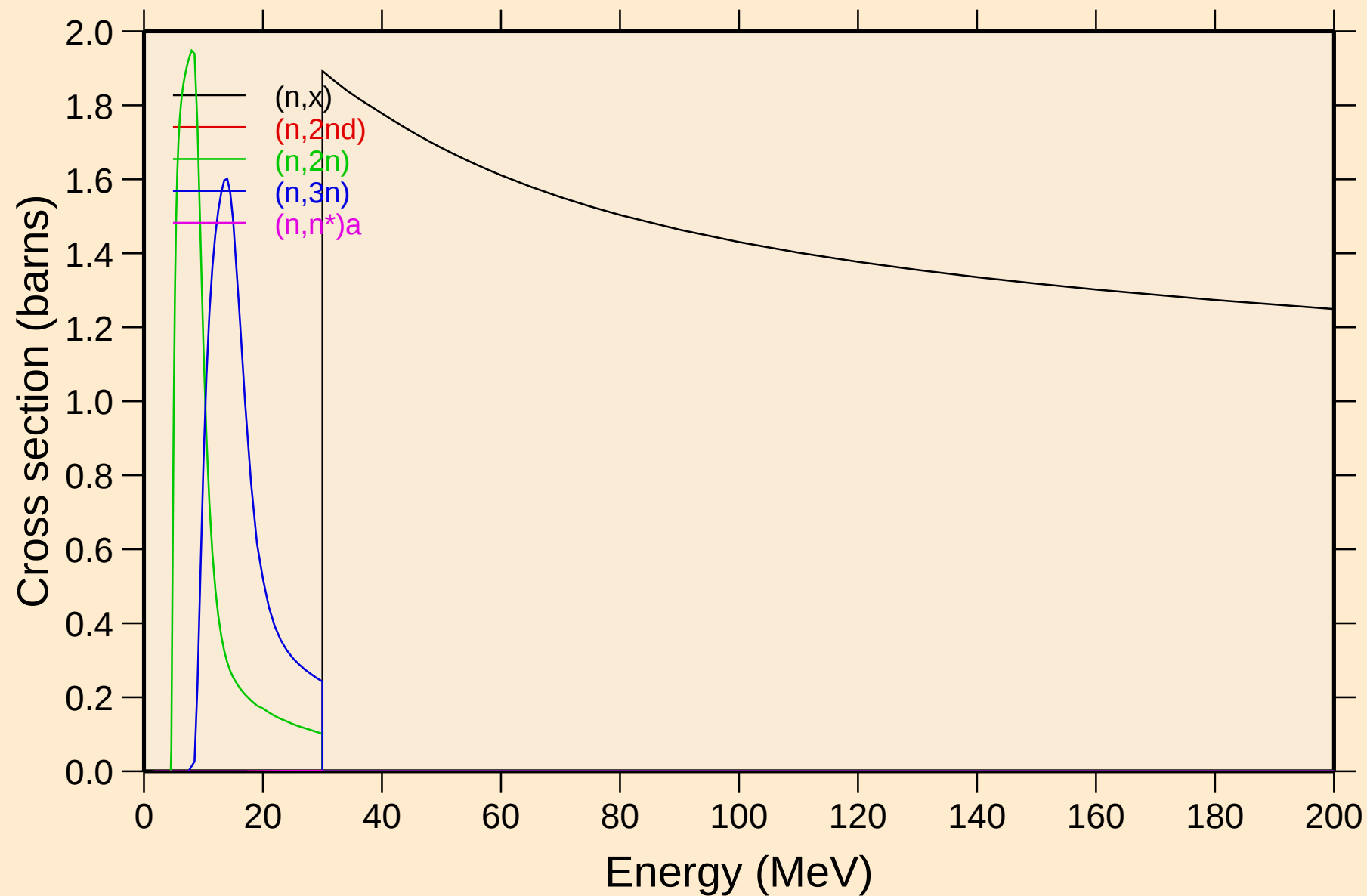
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

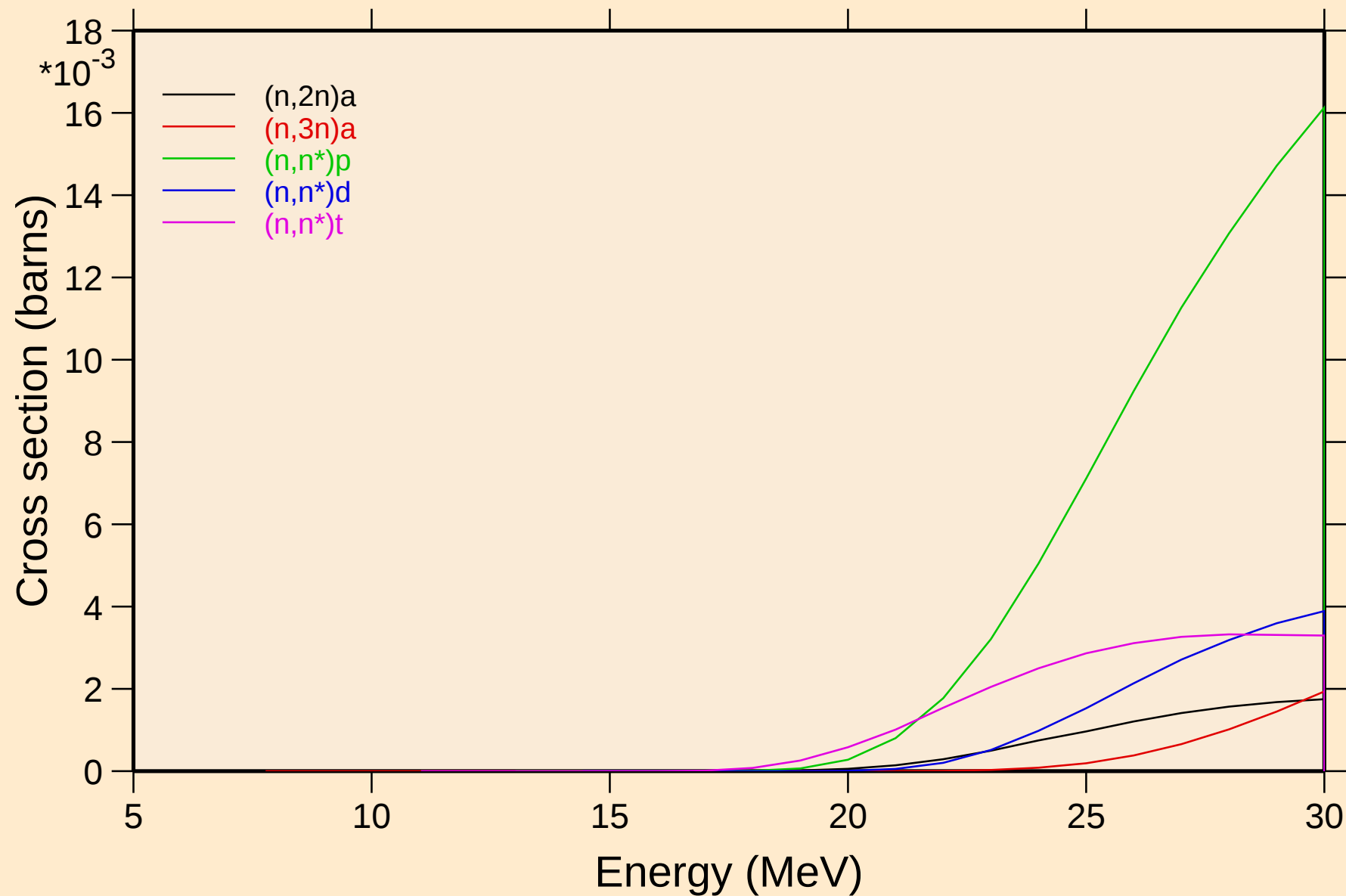


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

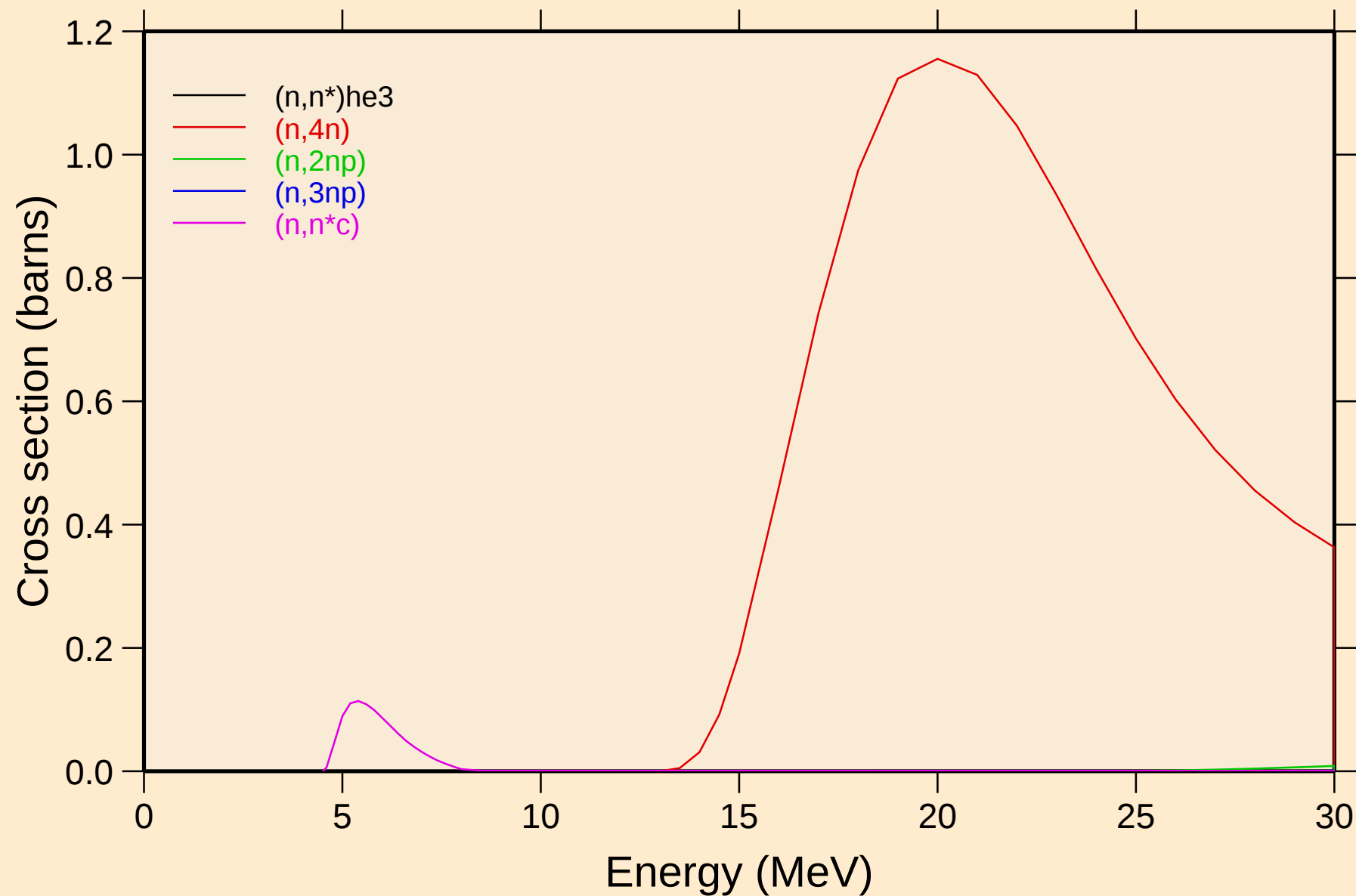
Threshold reactions



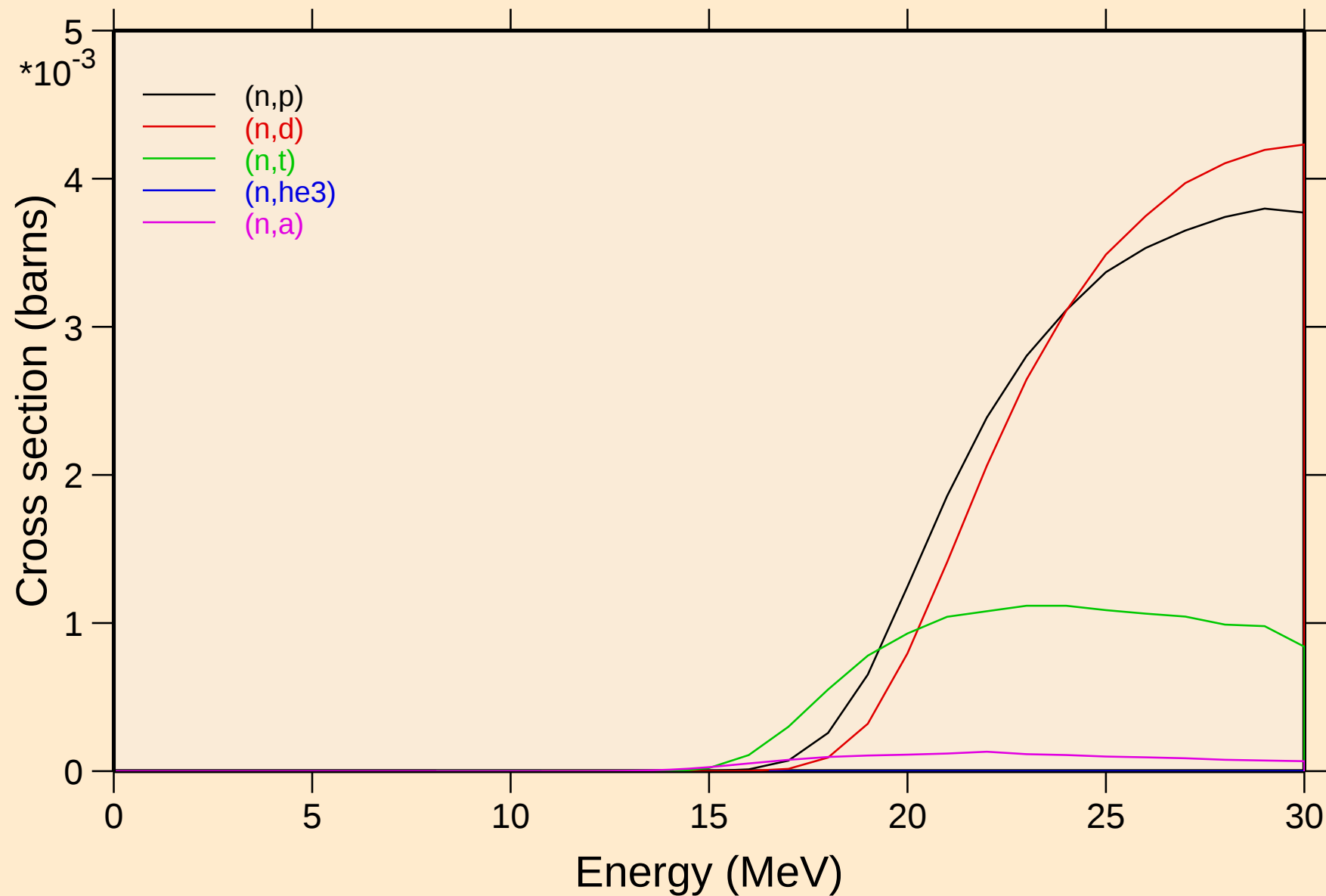
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



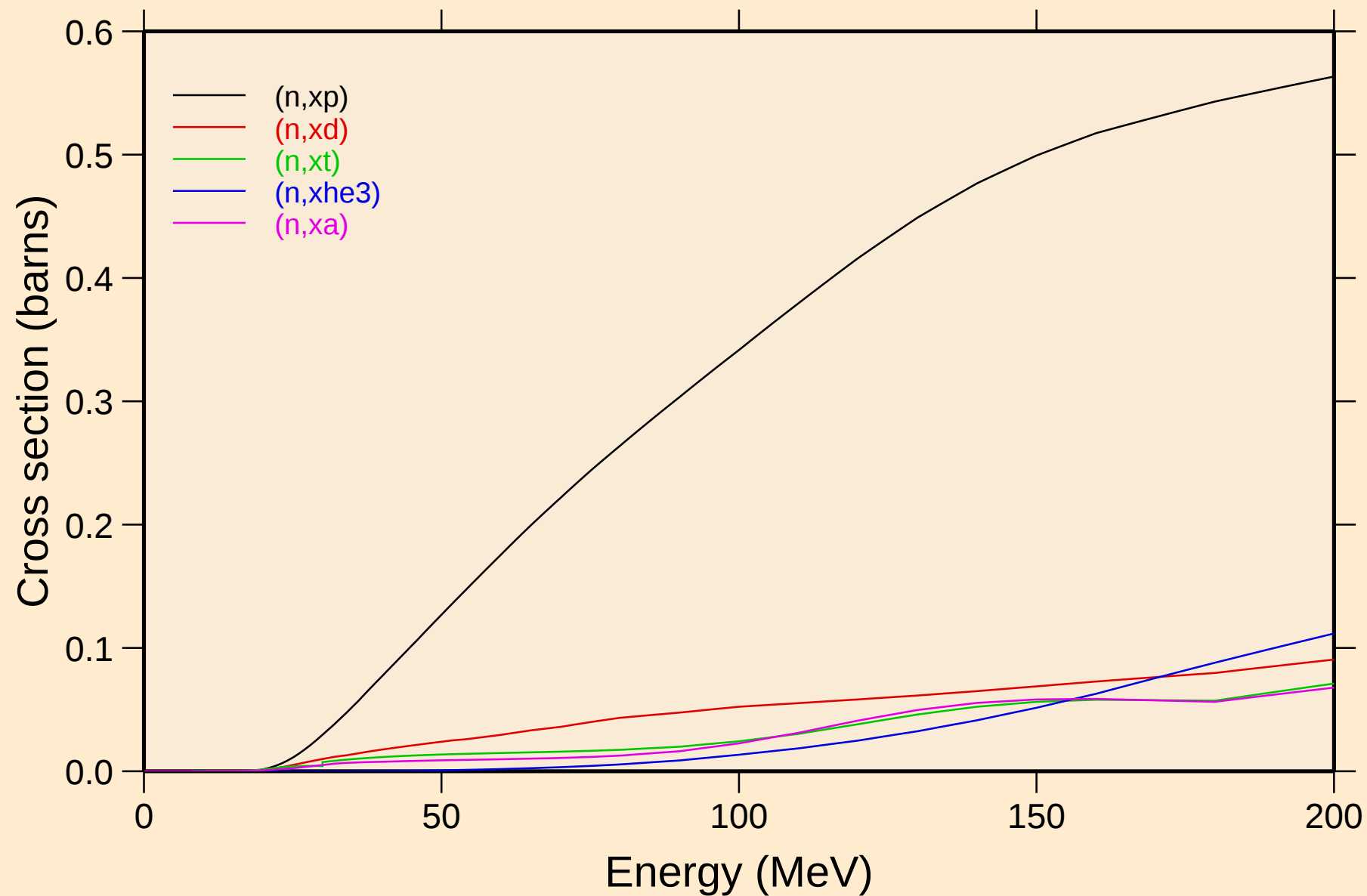
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



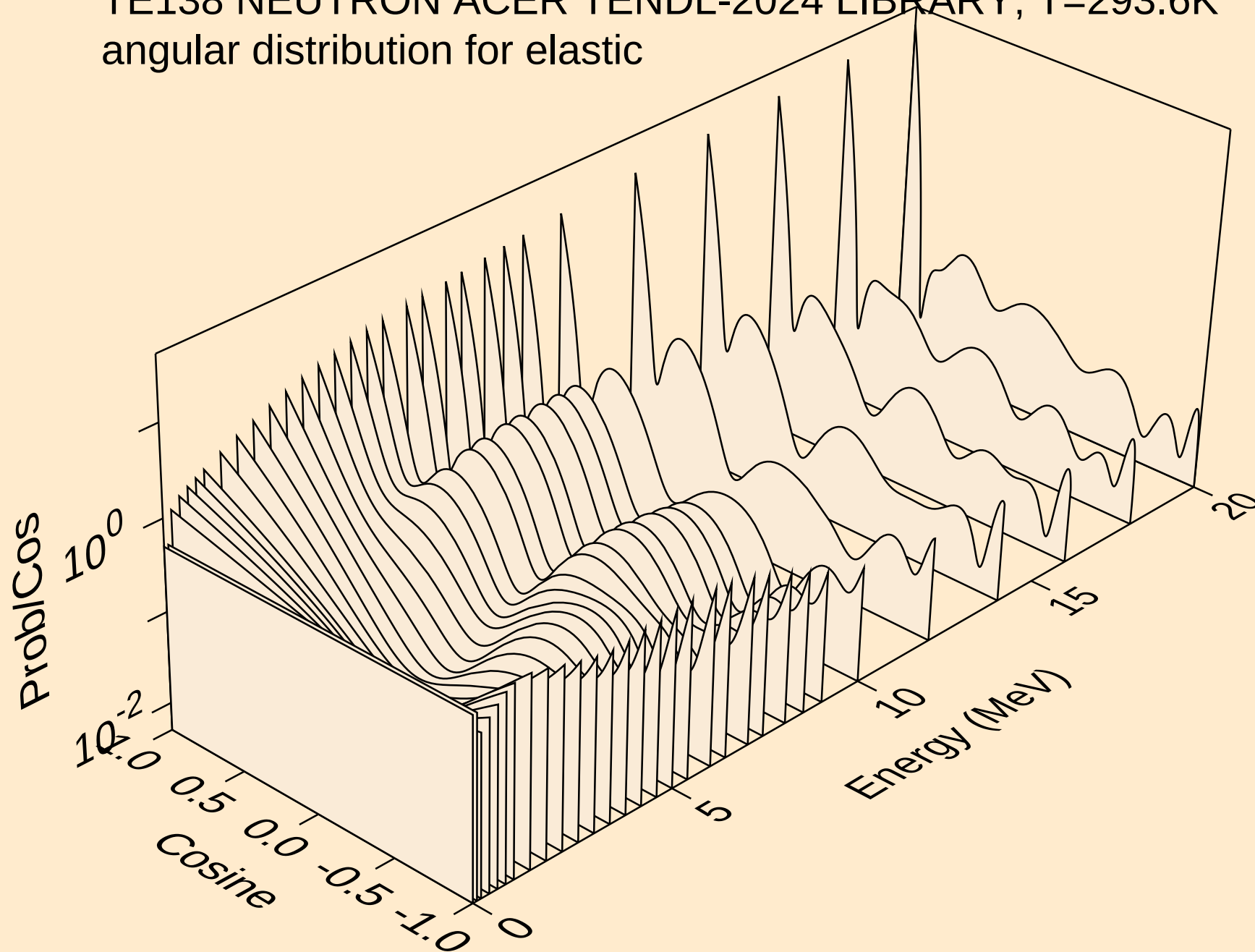
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



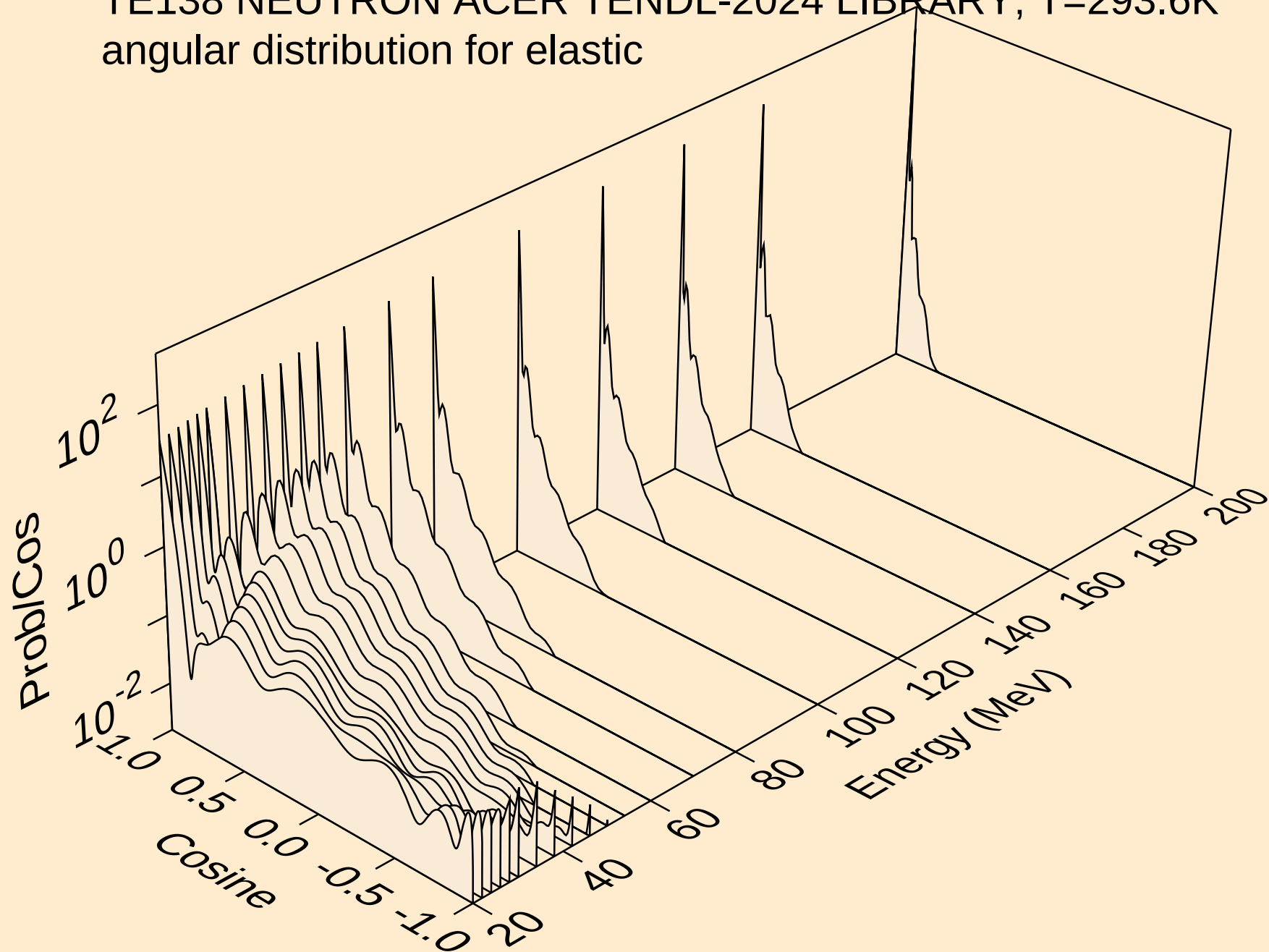
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



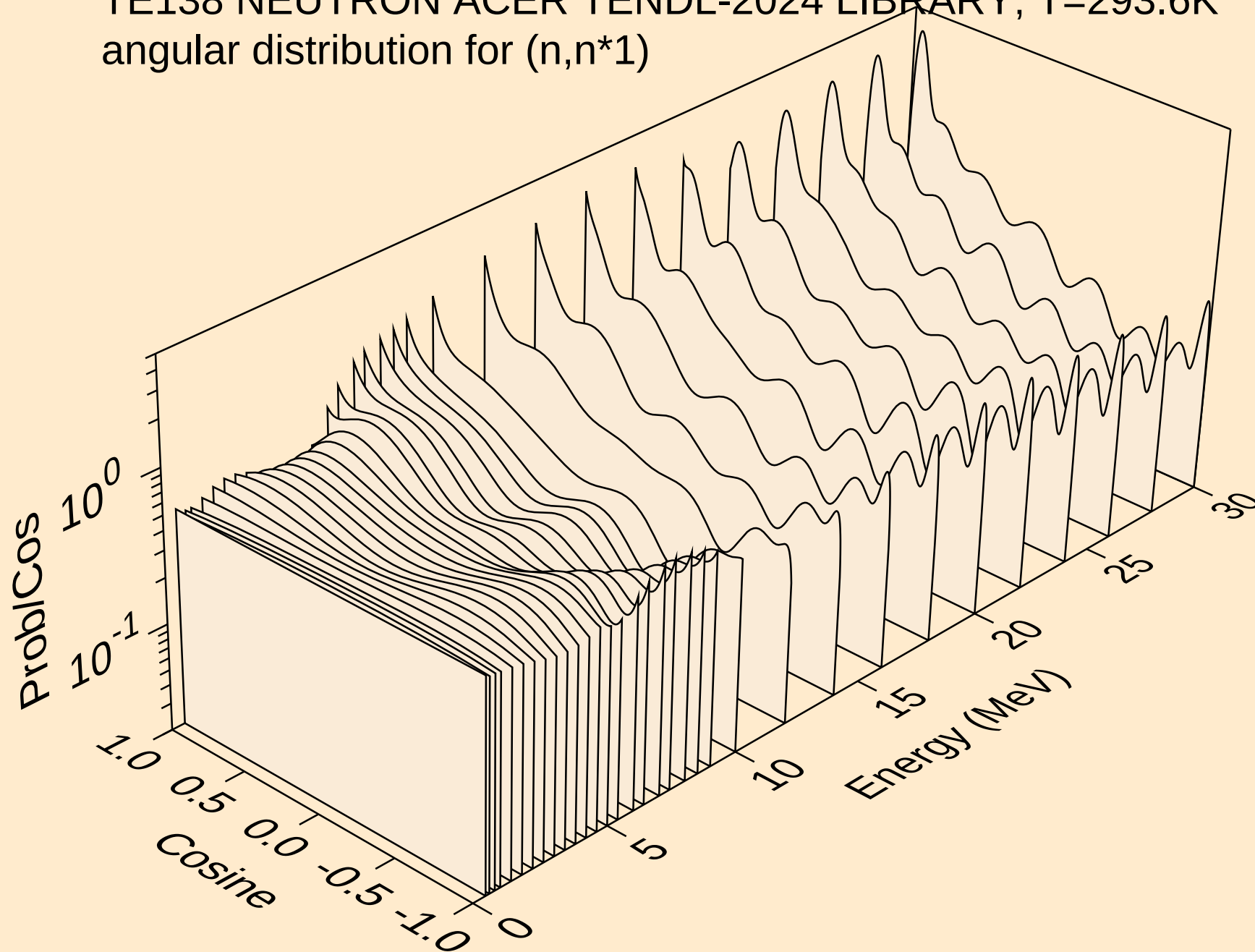
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



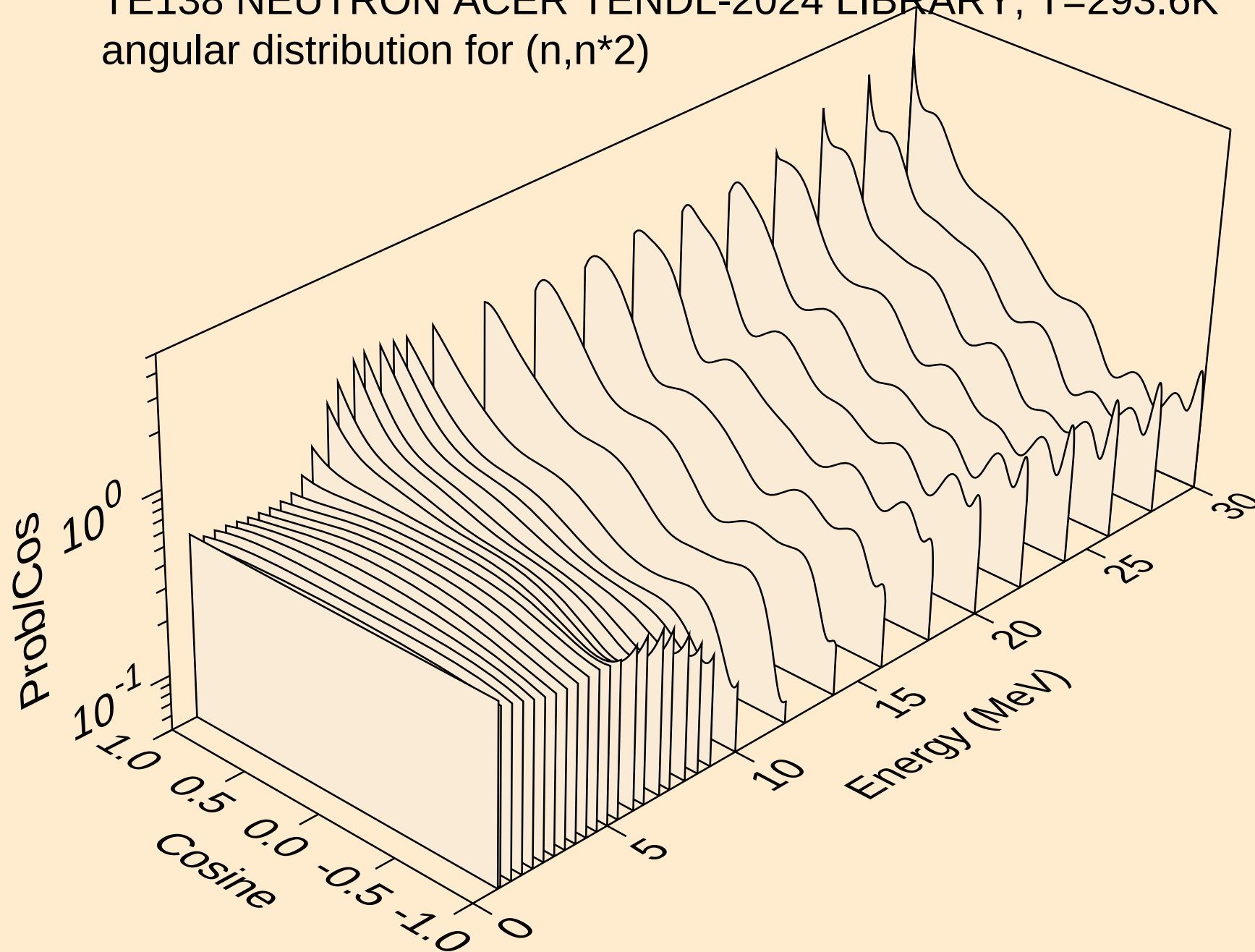
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



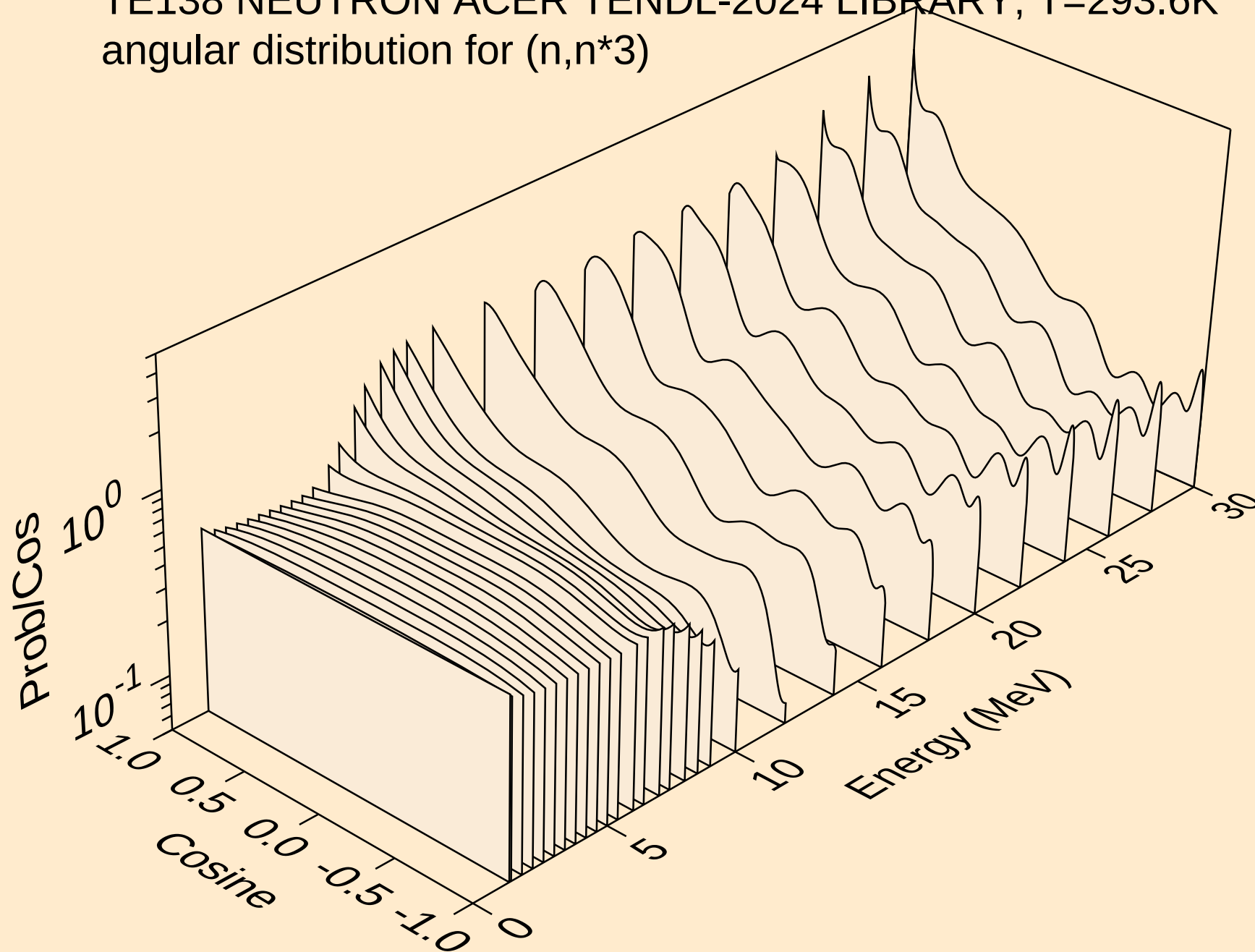
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



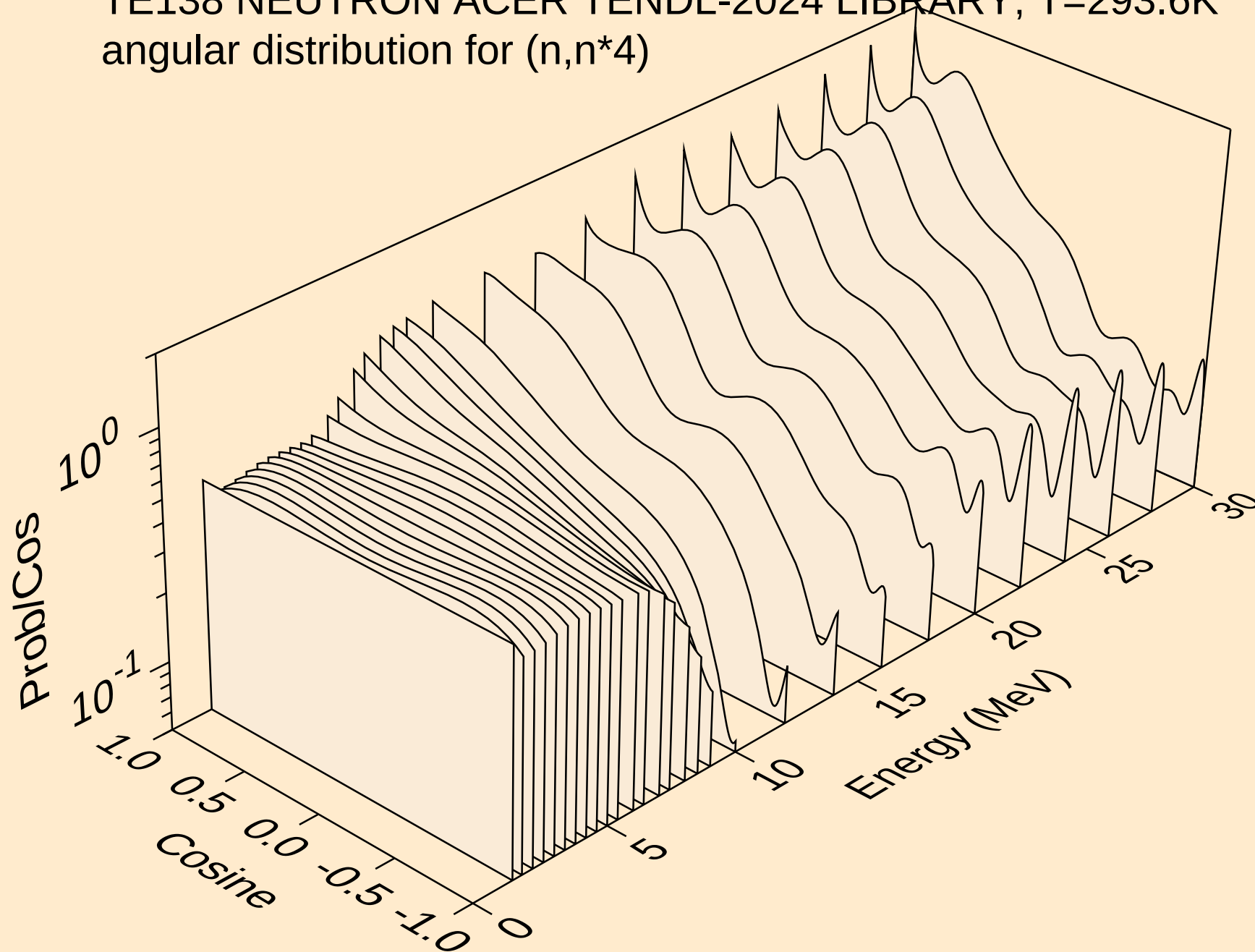
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



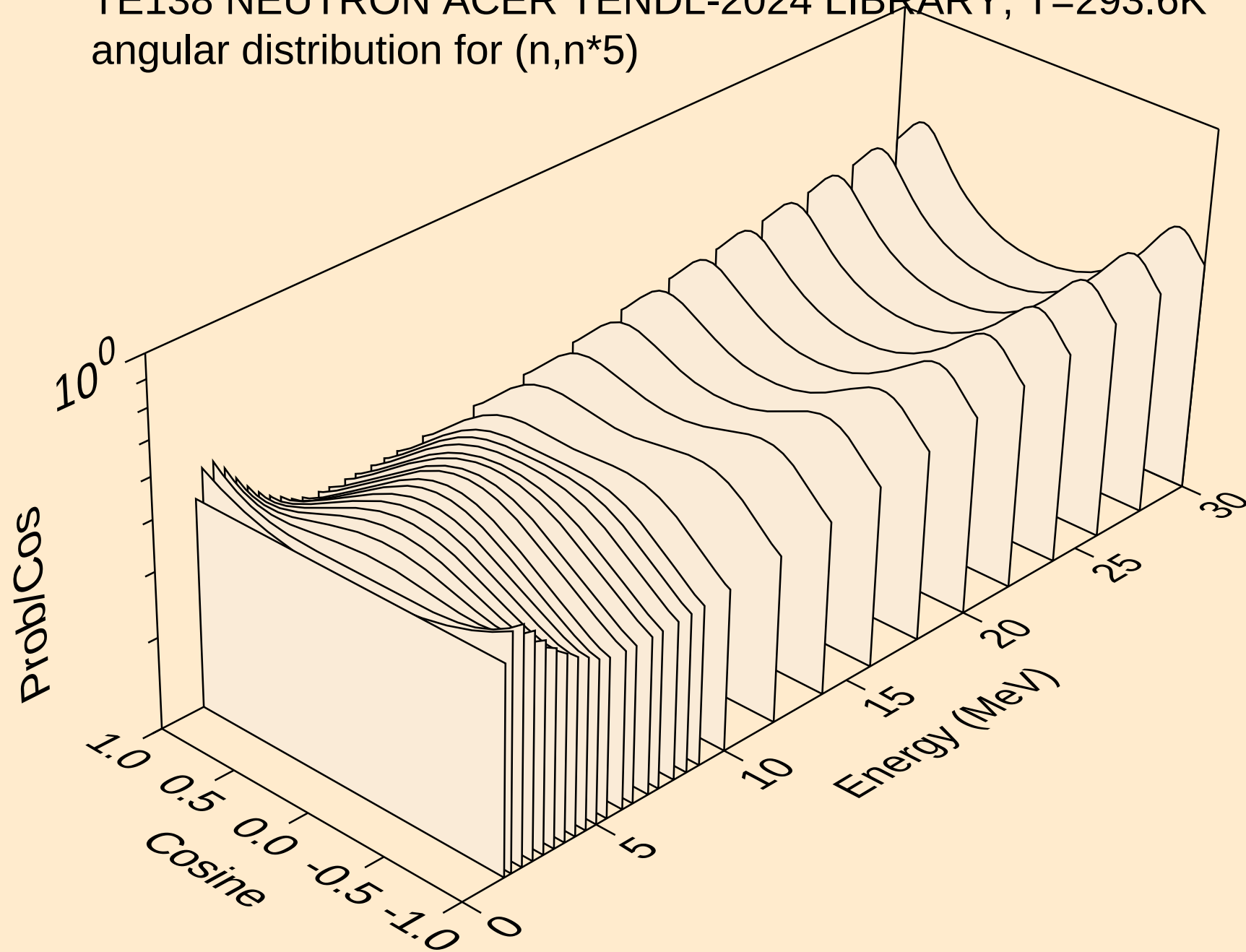
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



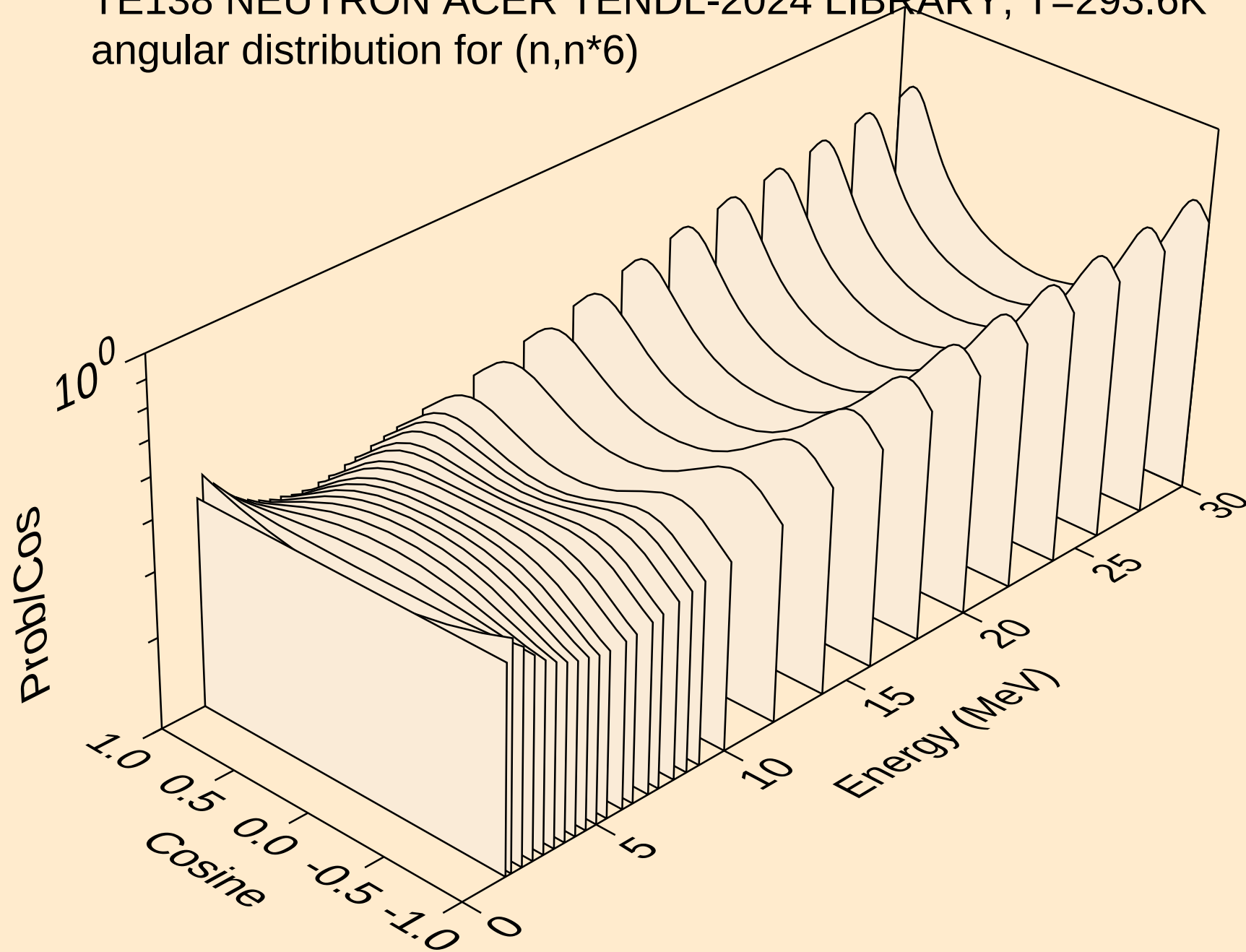
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



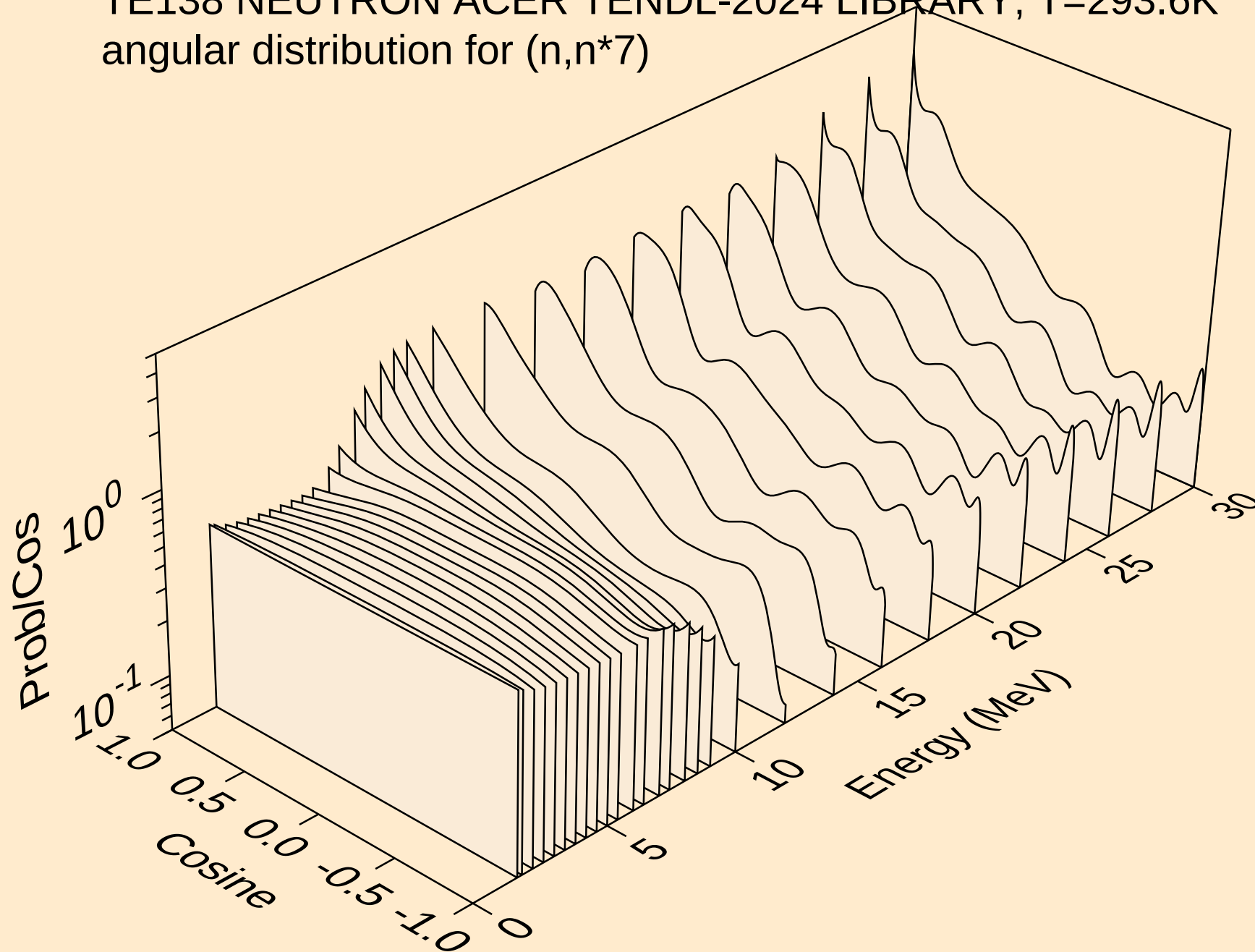
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



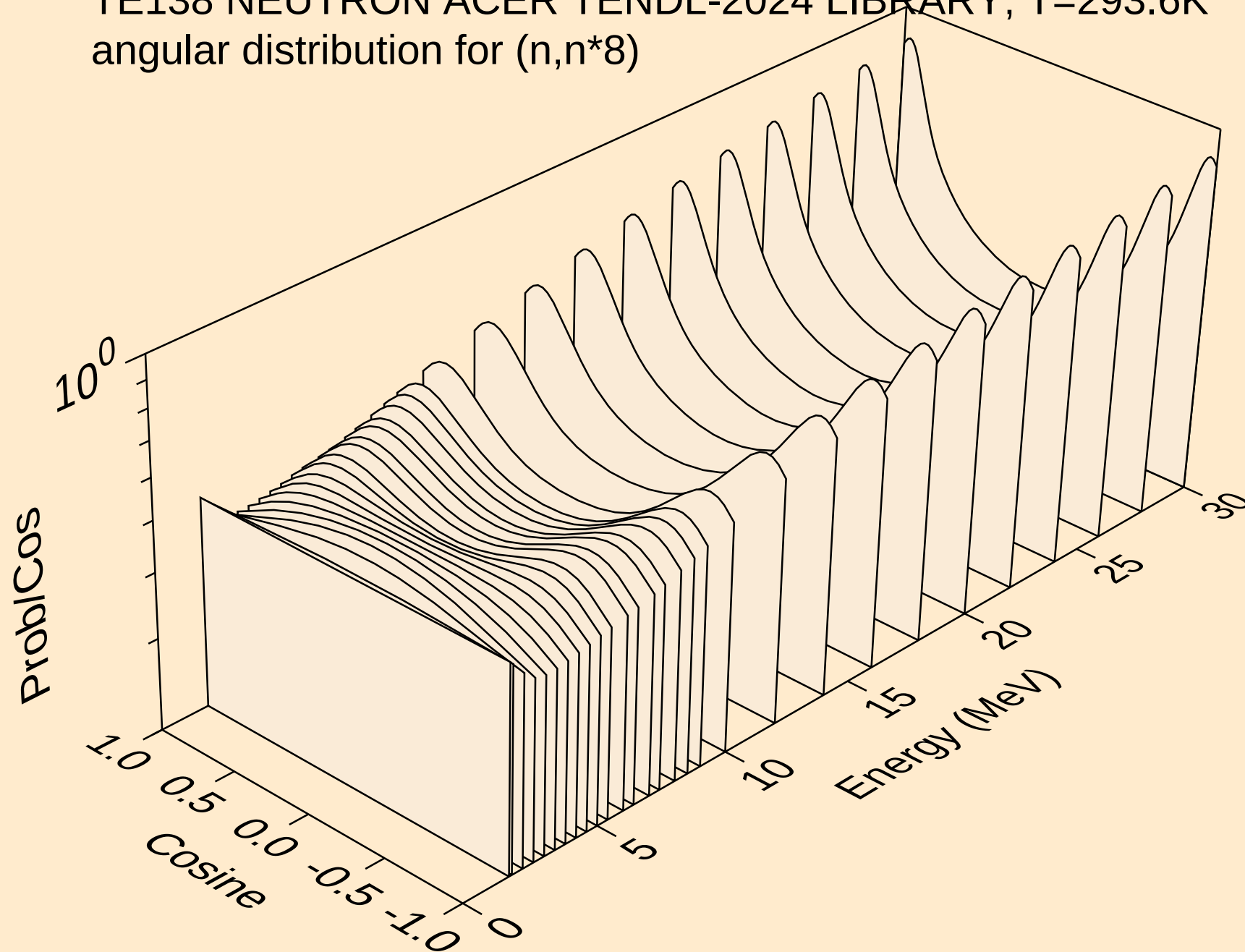
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



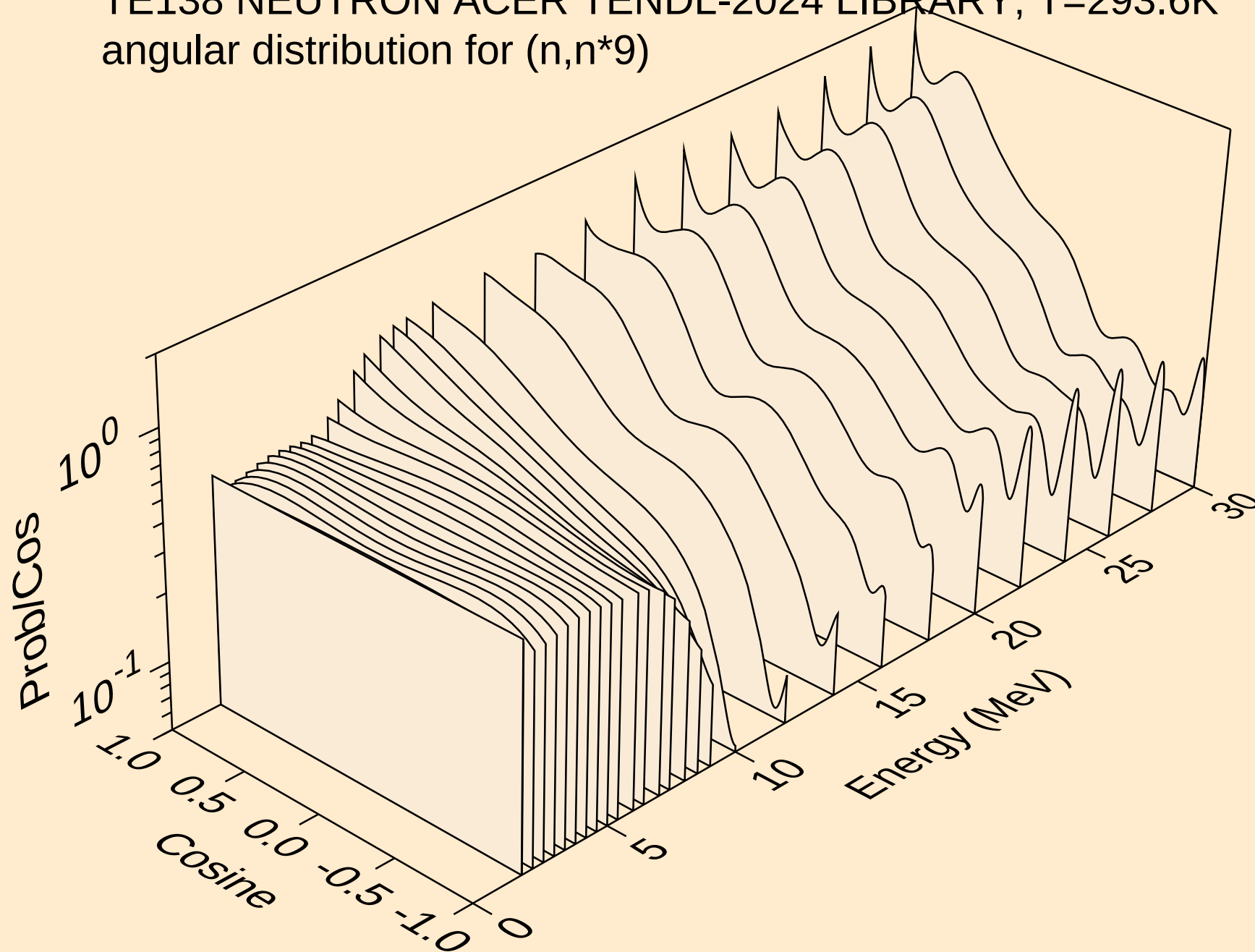
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angular distribution for (n,n*7)



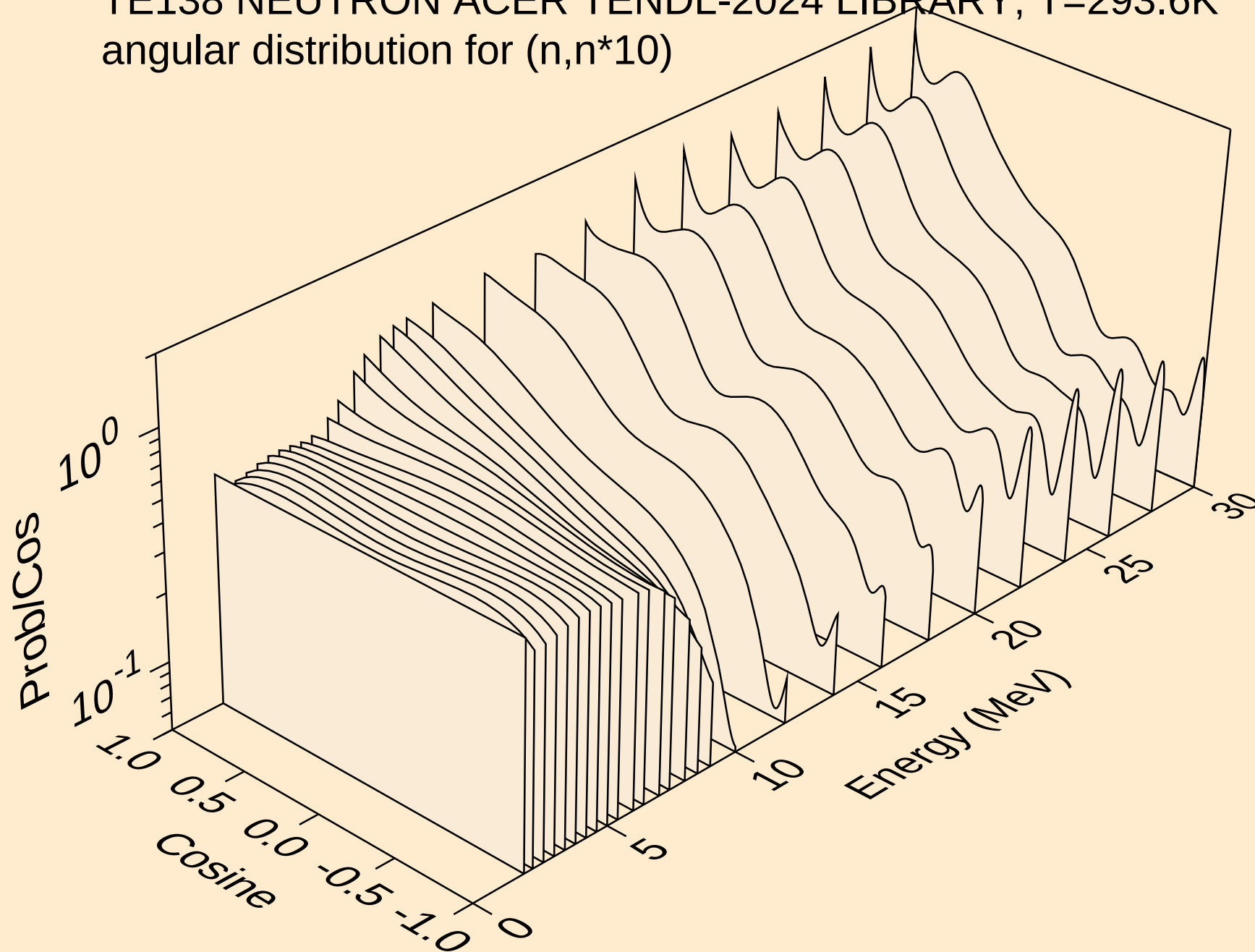
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angular distribution for (n,n*8)



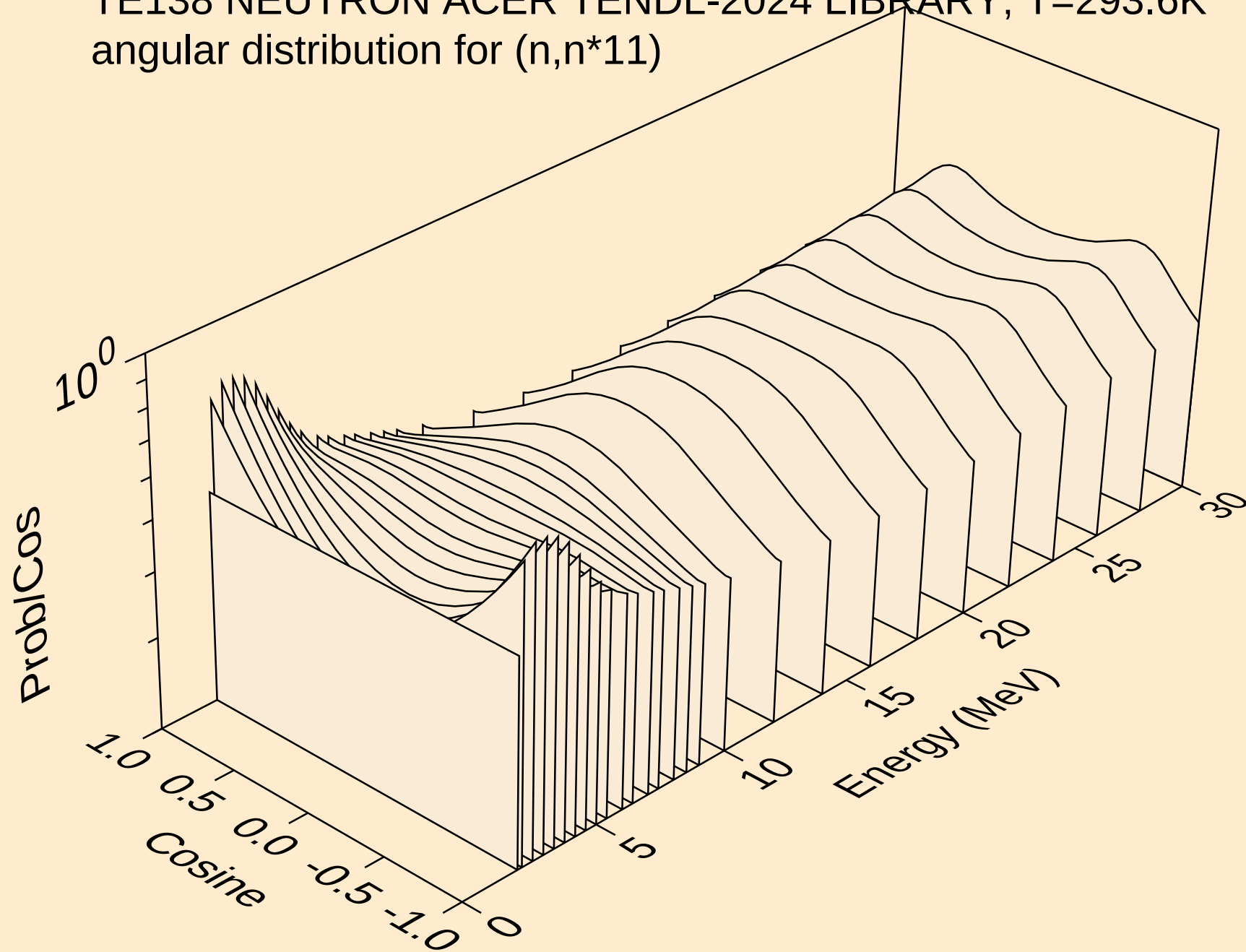
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angular distribution for (n,n*9)



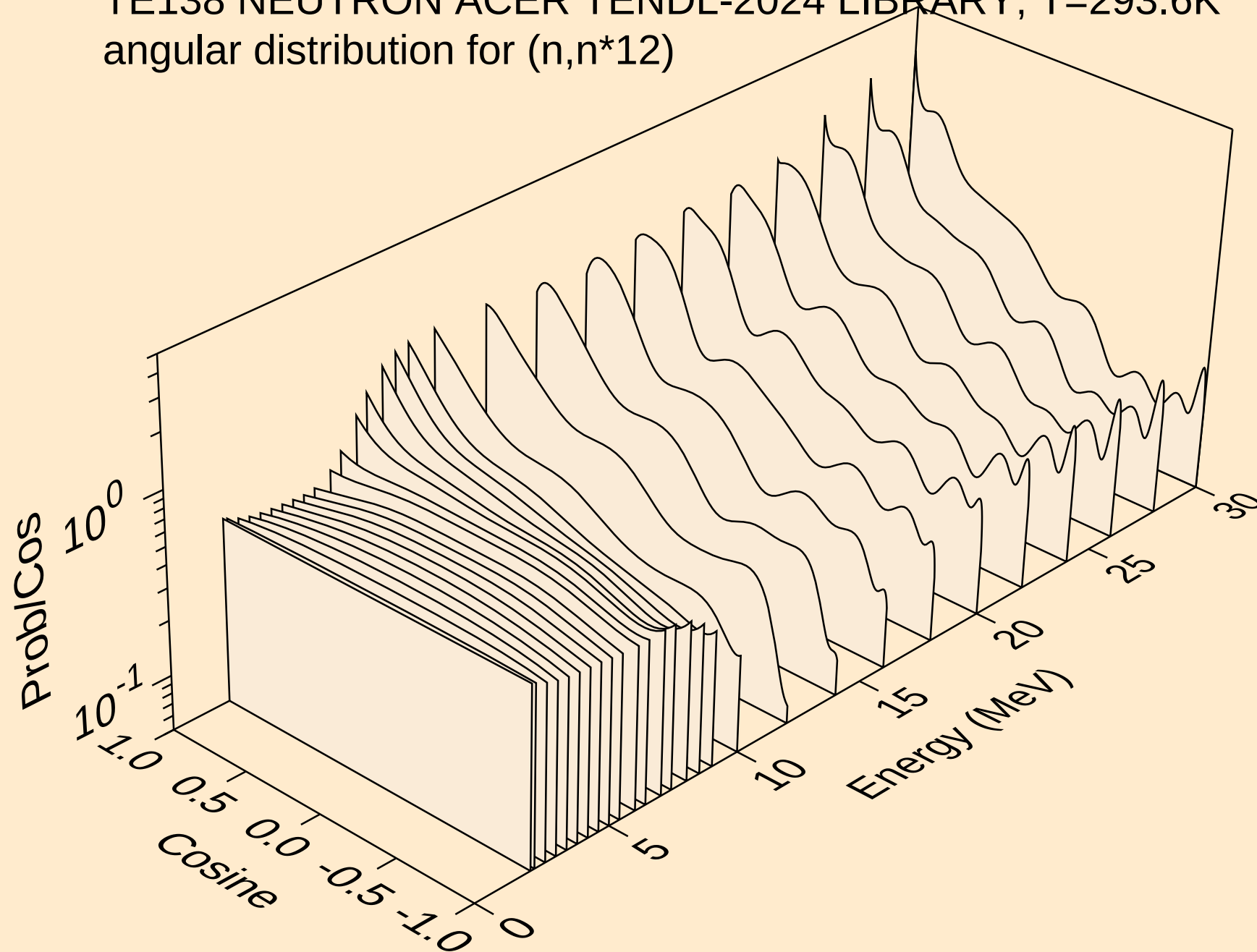
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angular distribution for (n,n*10)



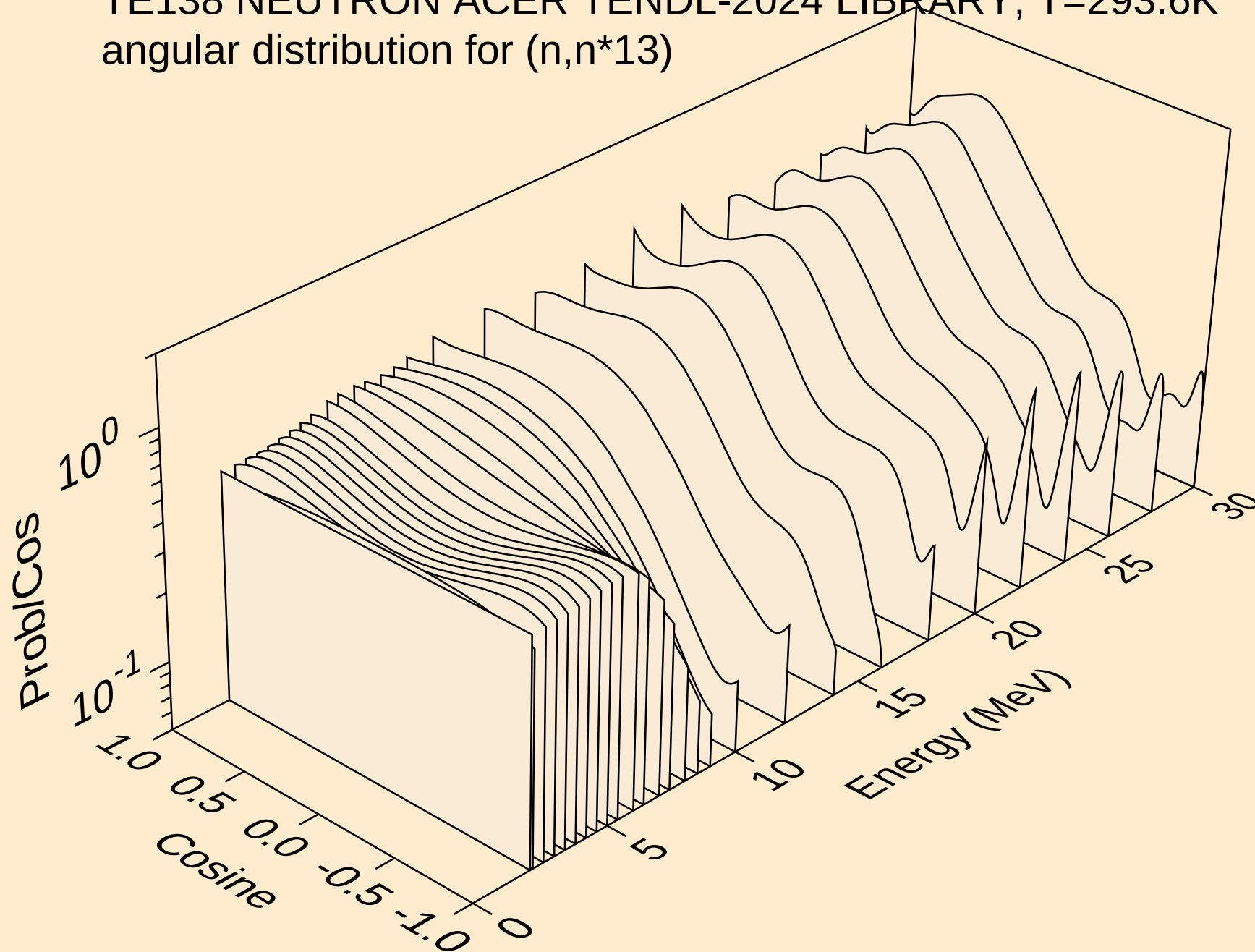
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angular distribution for (n,n*11)



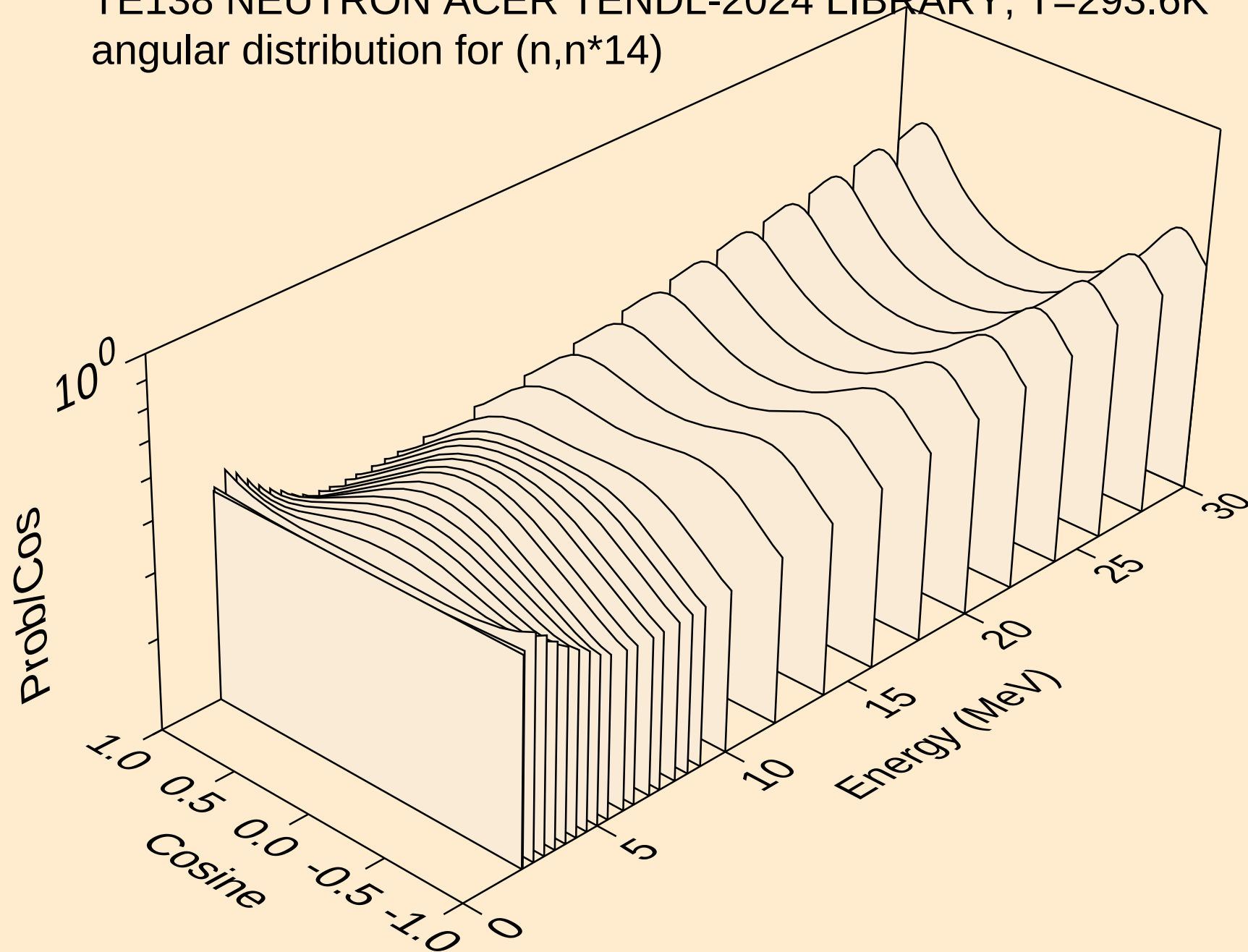
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angular distribution for (n,n*12)



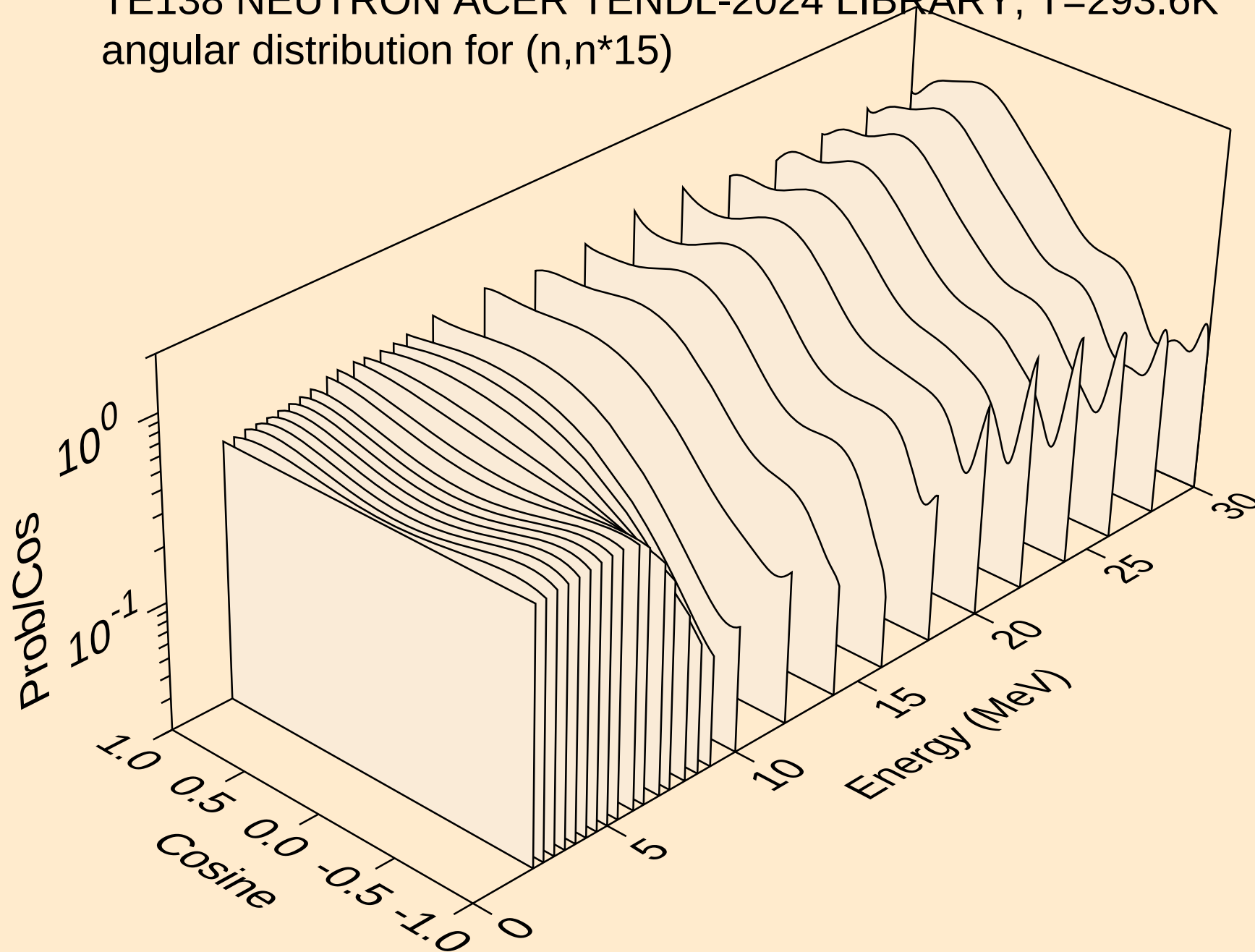
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angular distribution for (n,n*13)



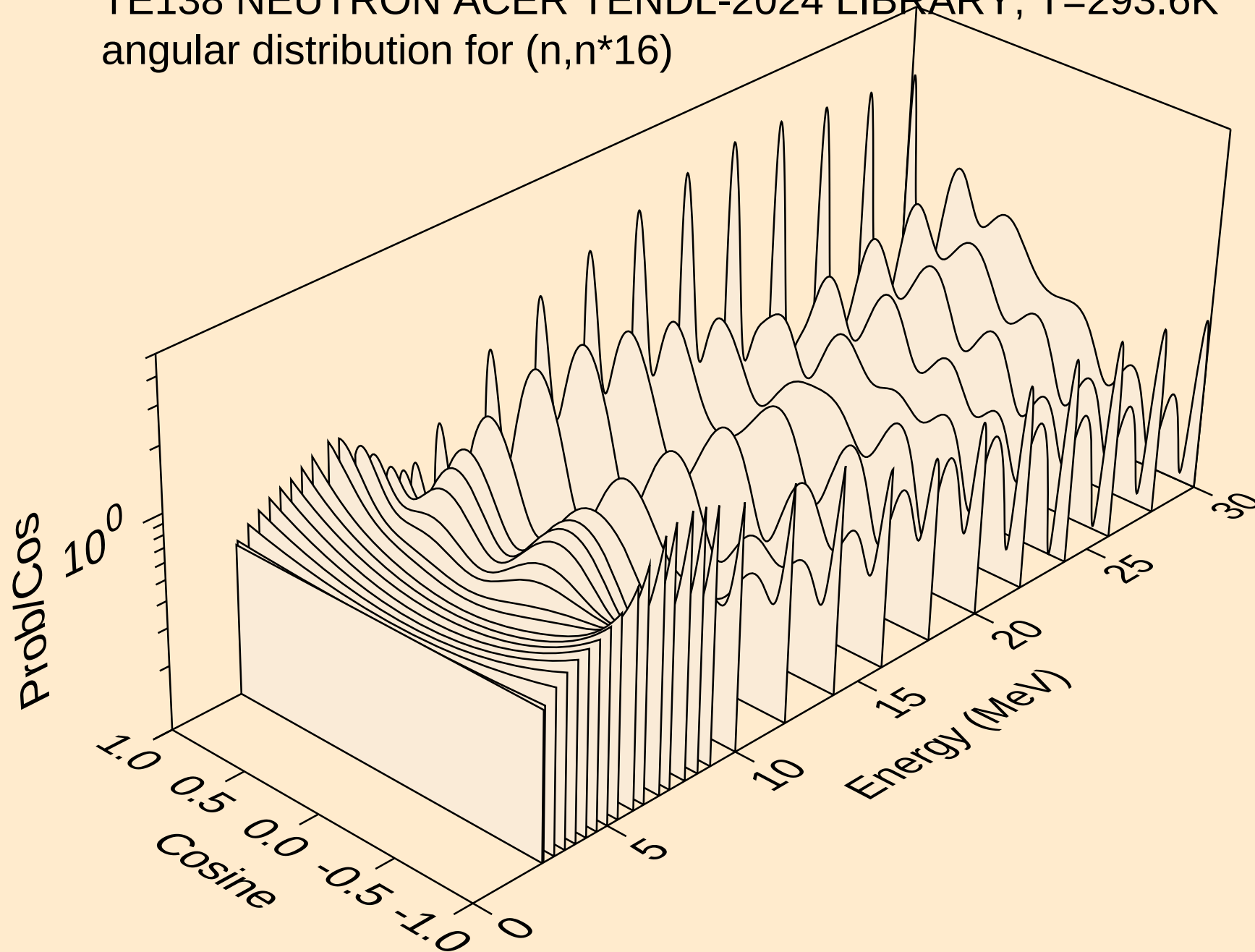
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



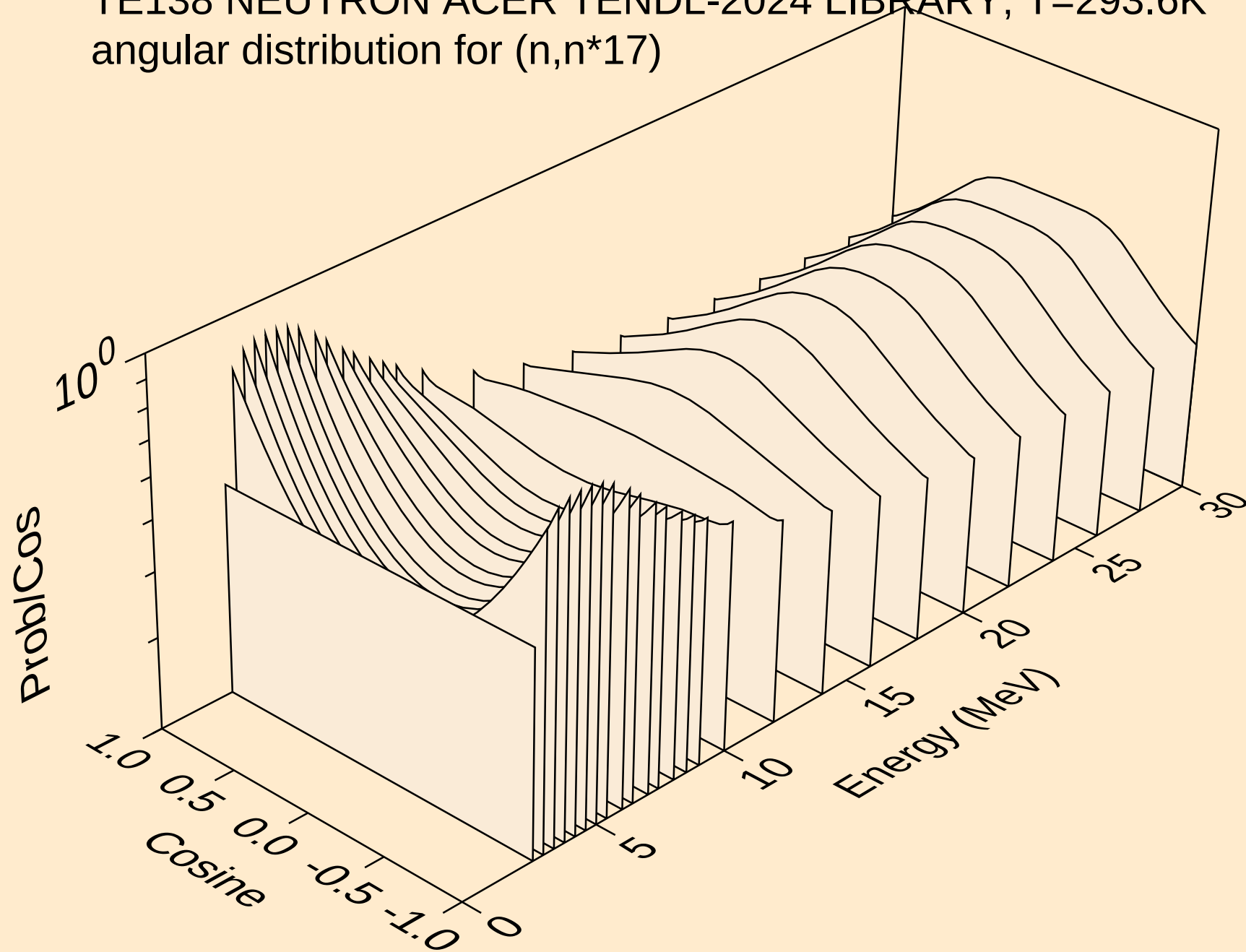
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angular distribution for (n,n*15)



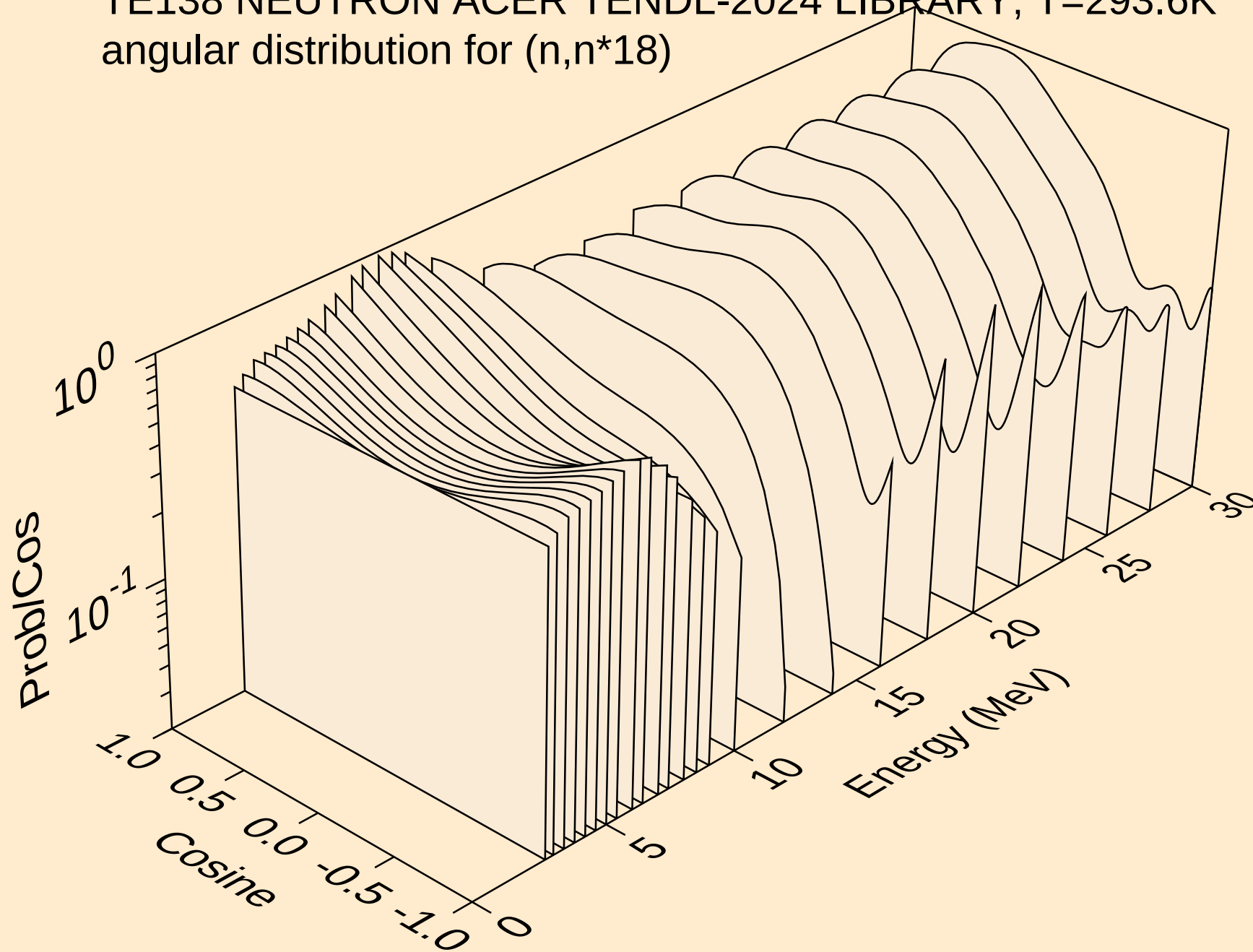
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



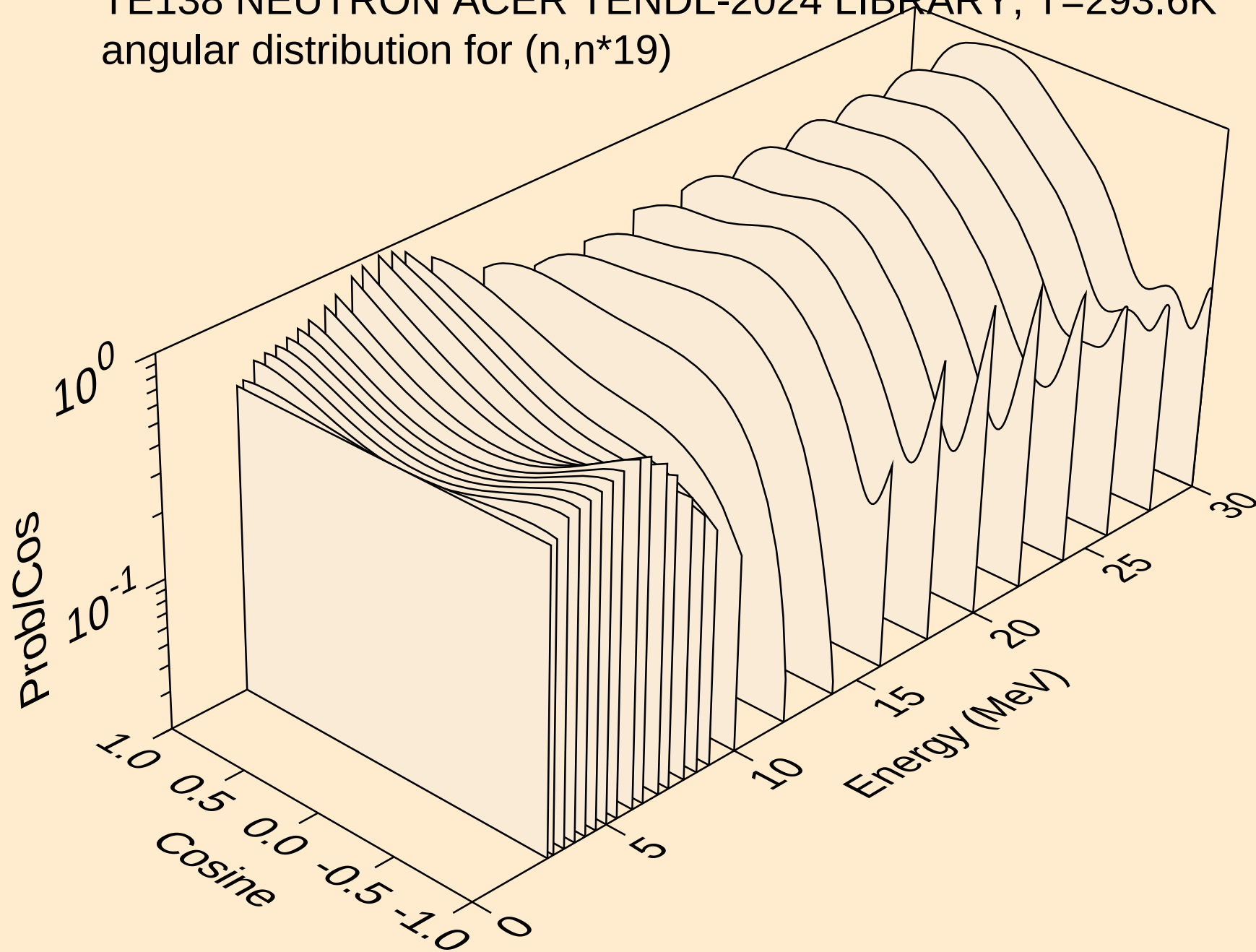
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



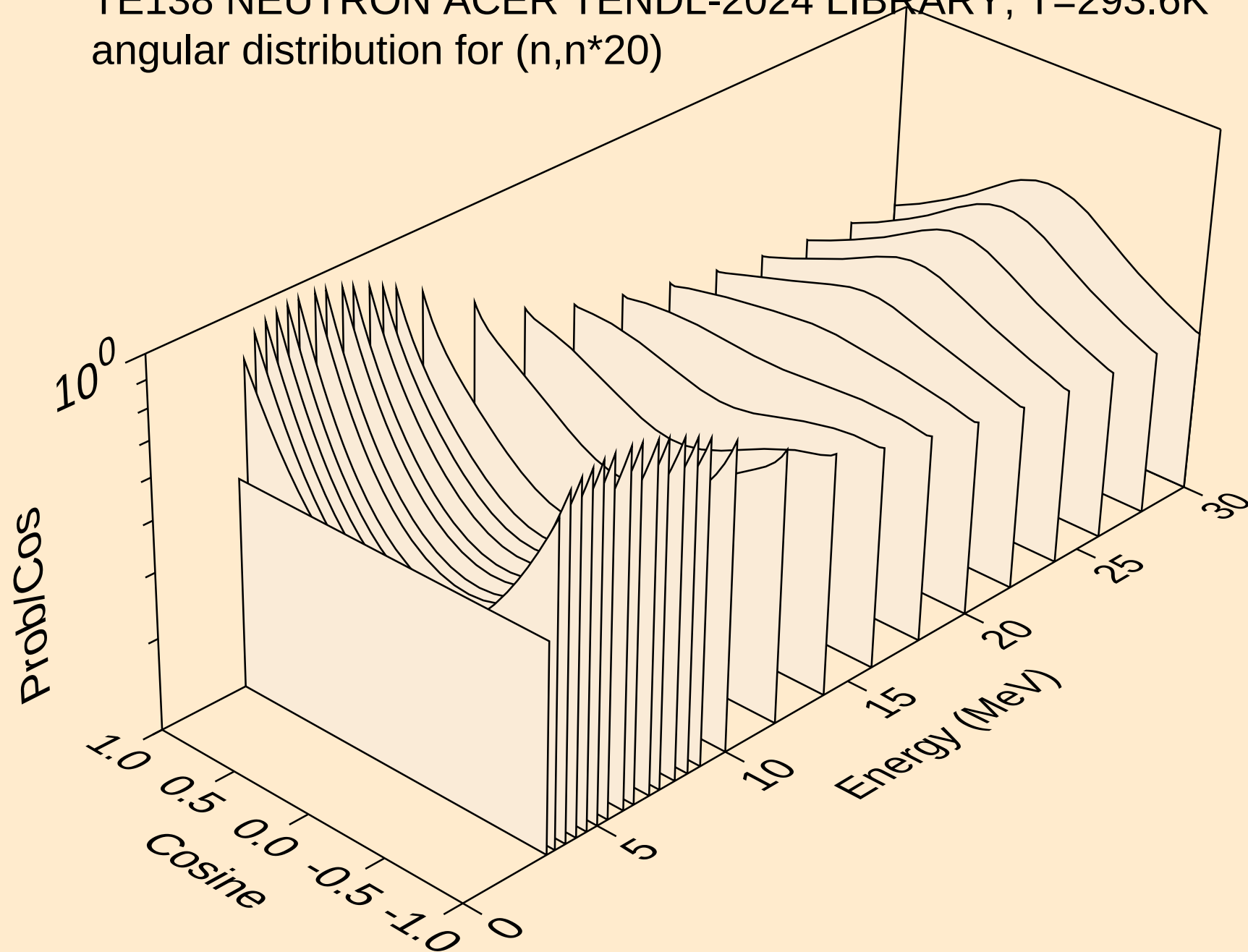
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



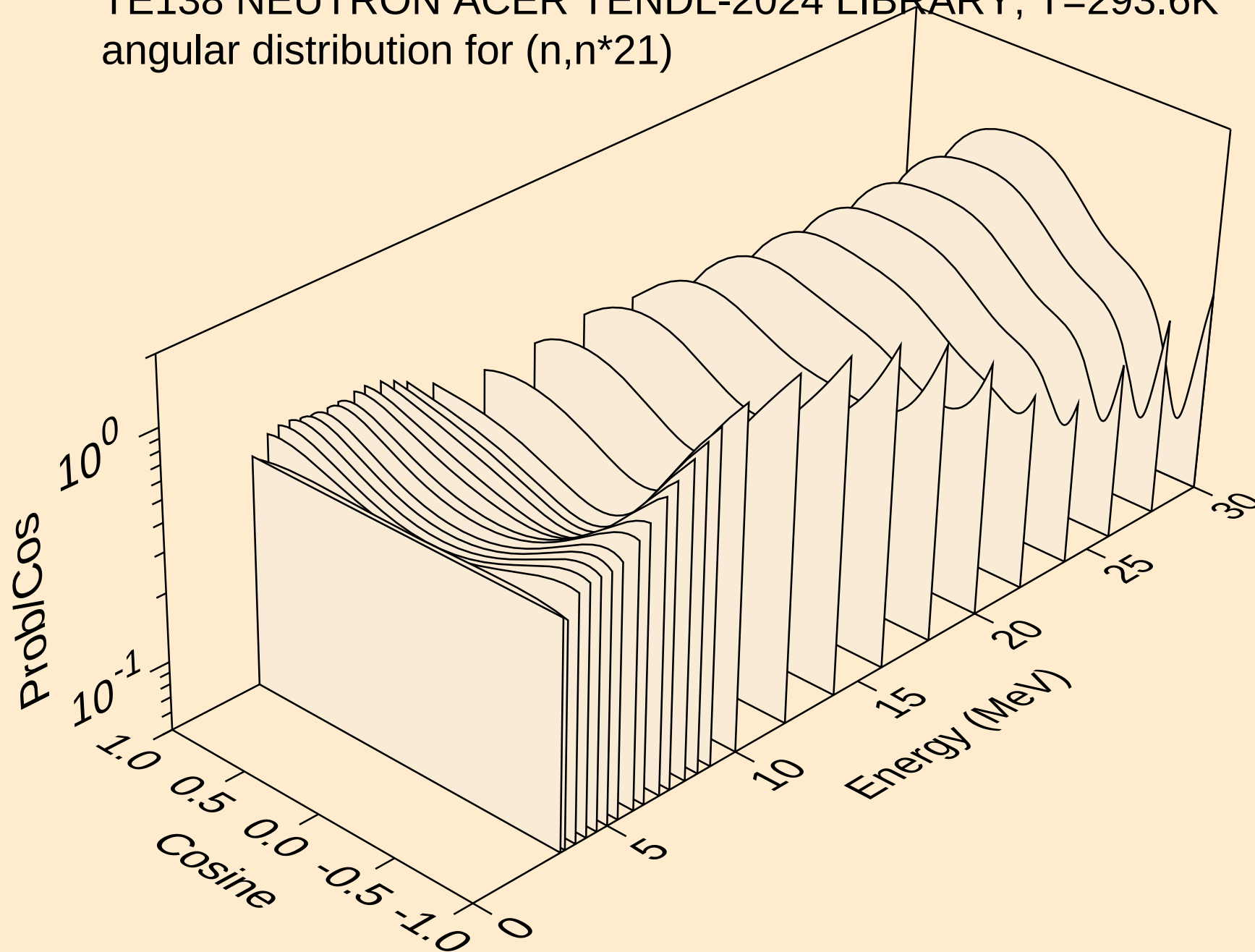
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angular distribution for (n,n*19)



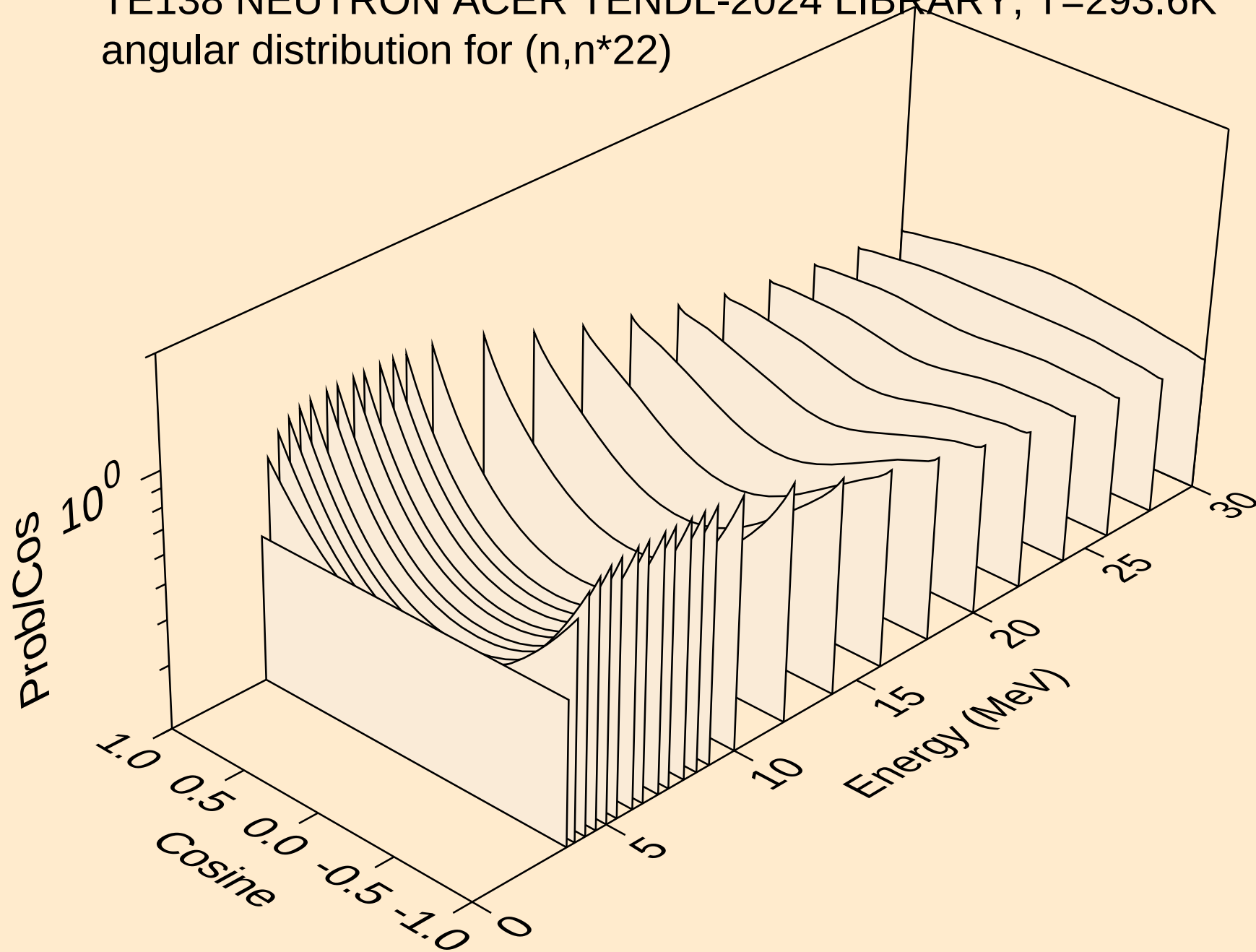
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angular distribution for (n,n*20)



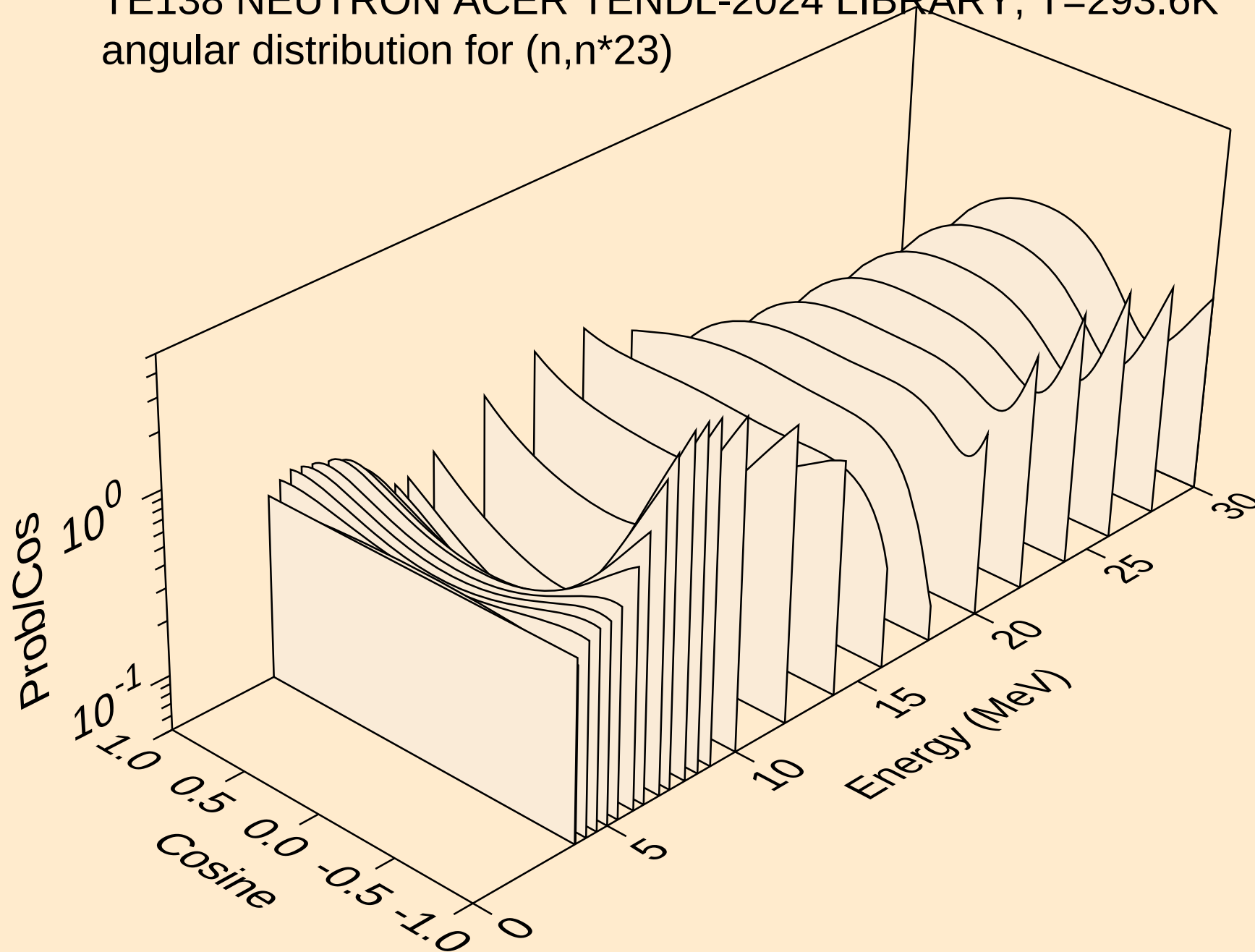
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angular distribution for (n,n*21)



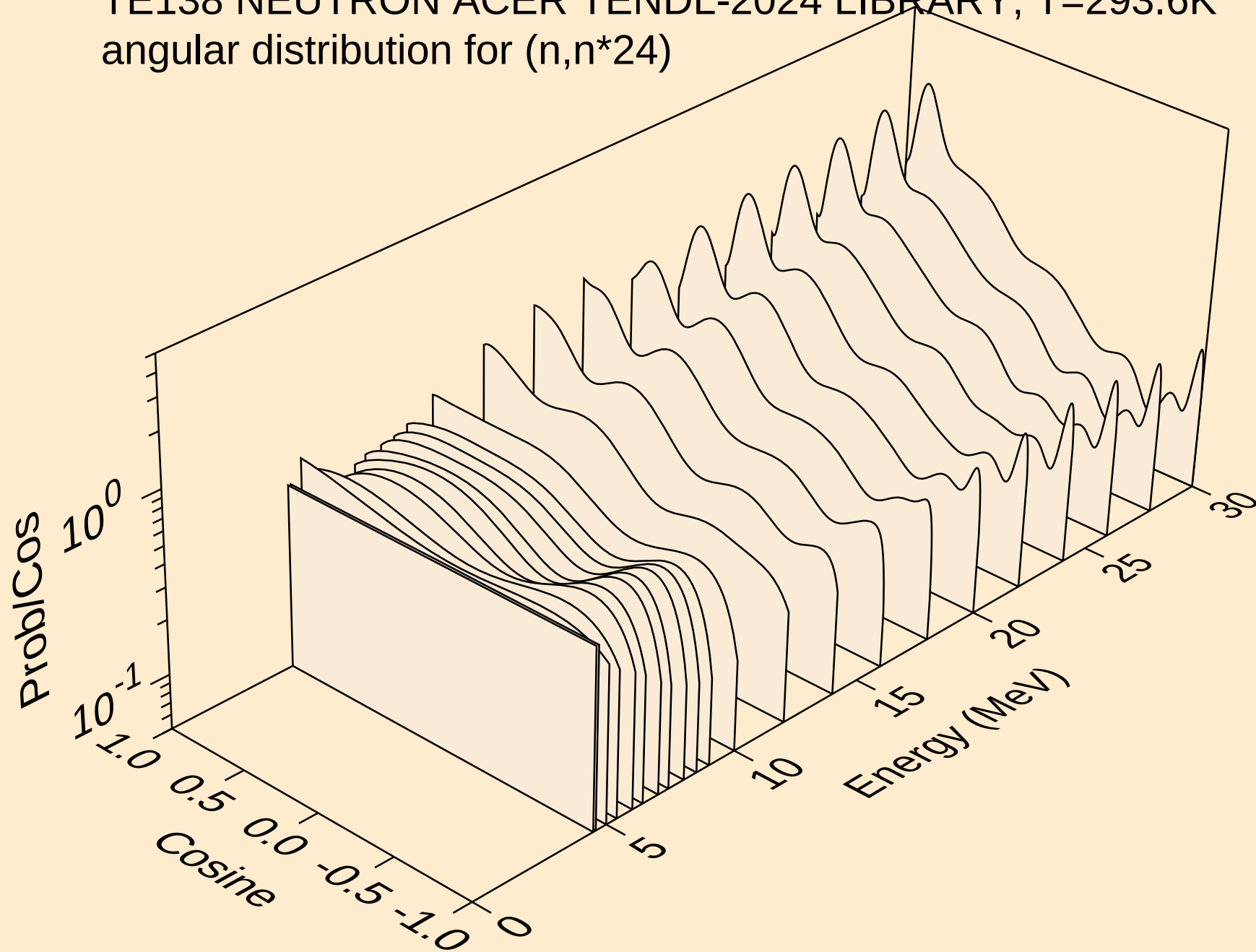
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



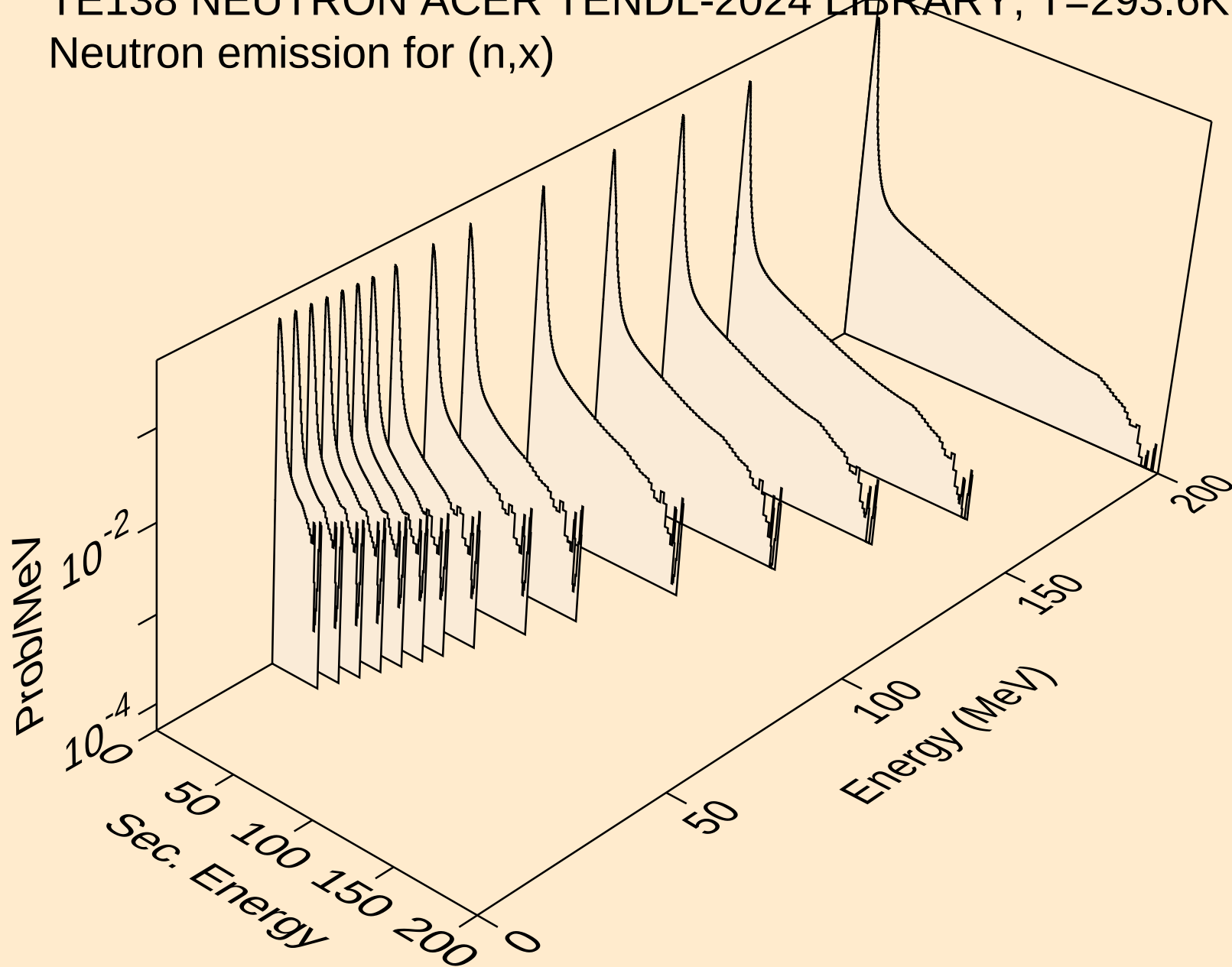
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angular distribution for (n,n*23)



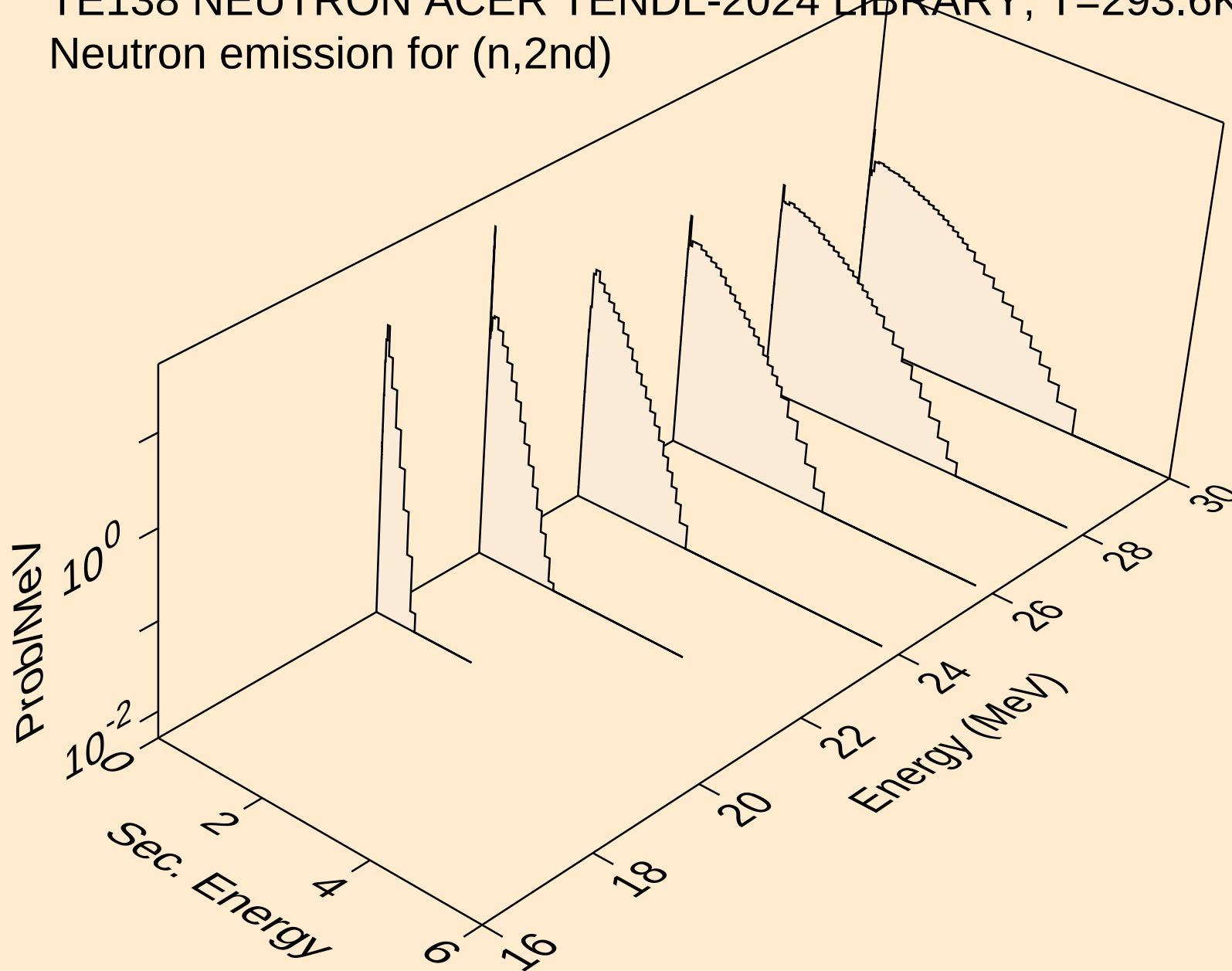
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angular distribution for (n,n*24)



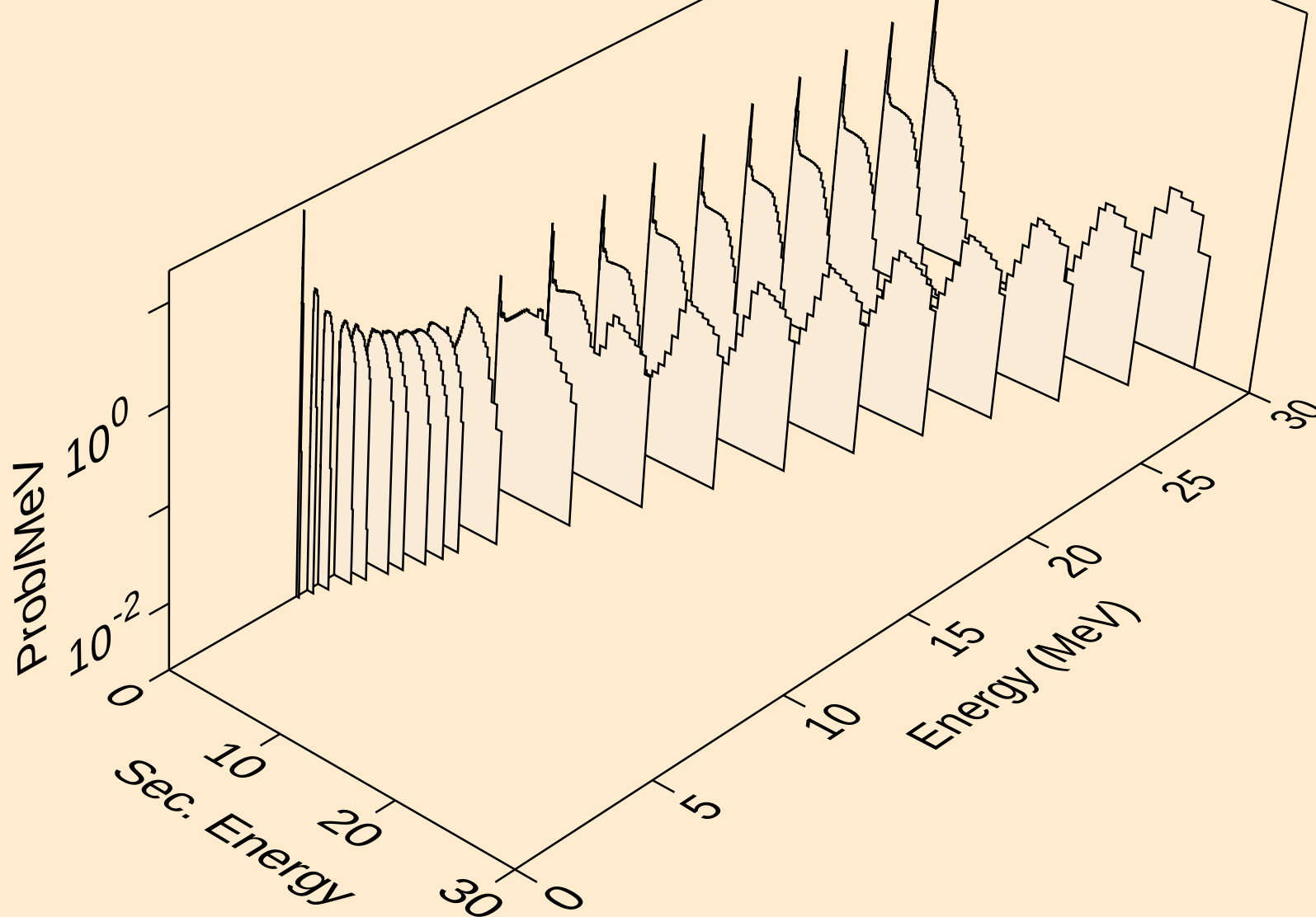
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



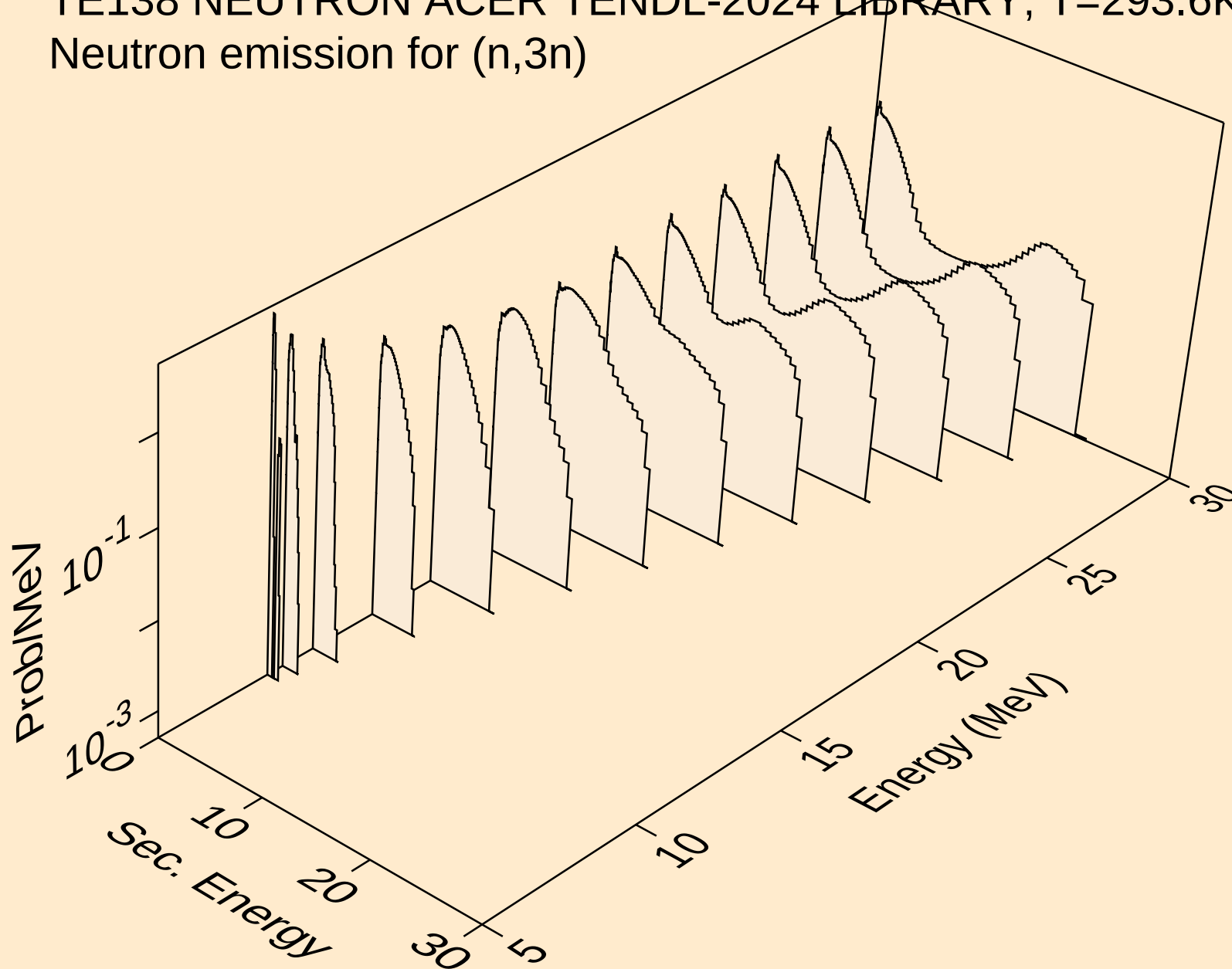
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



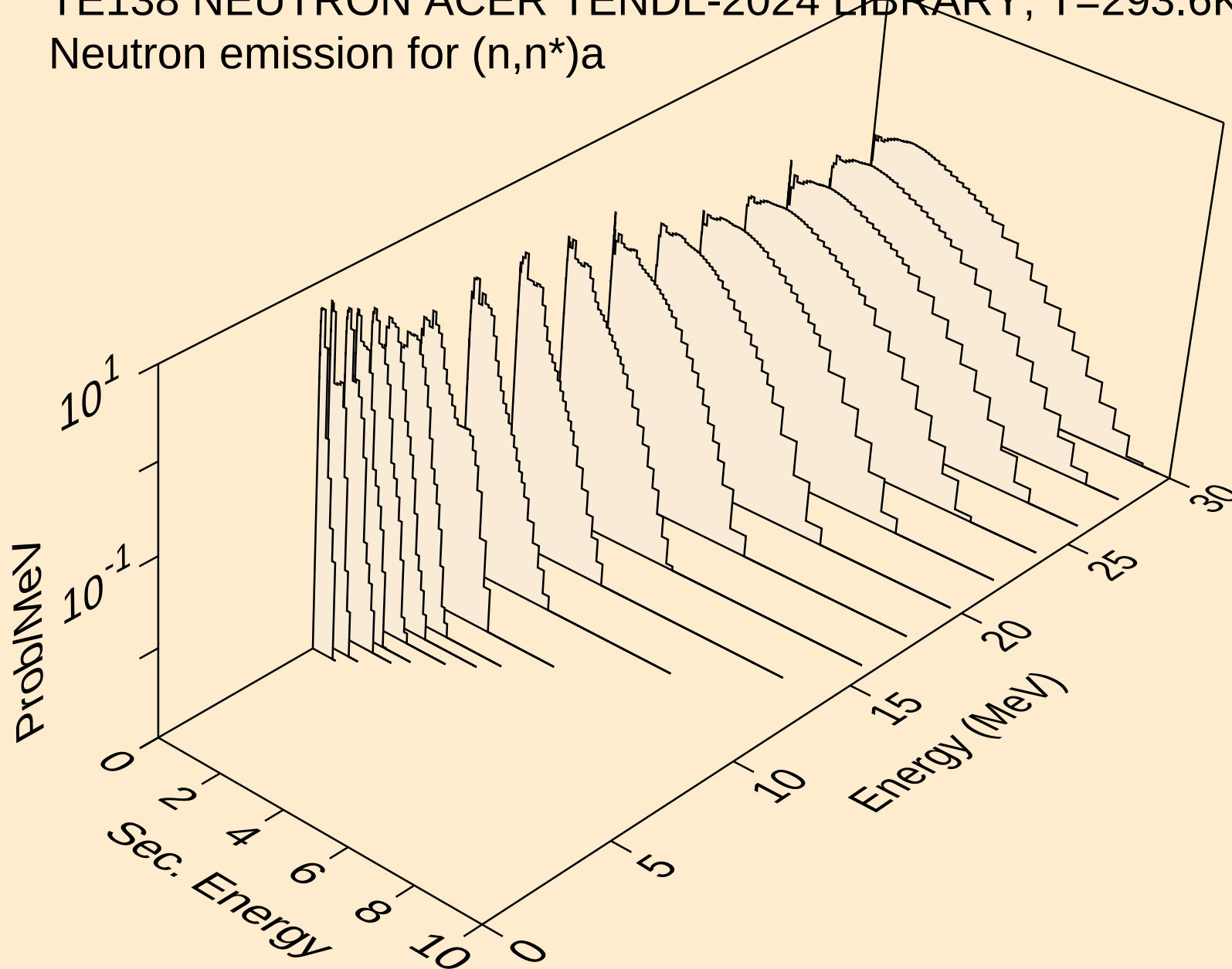
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



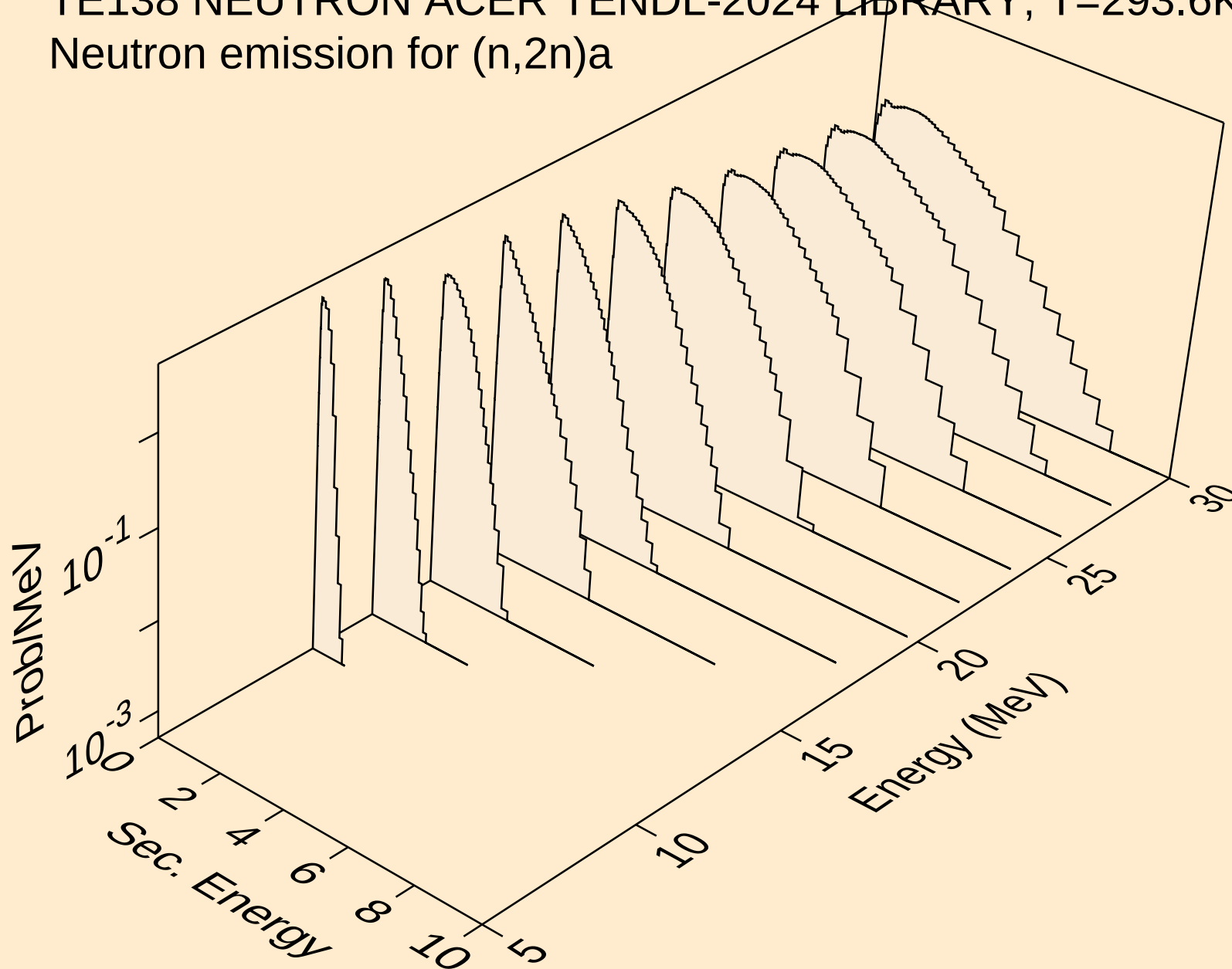
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



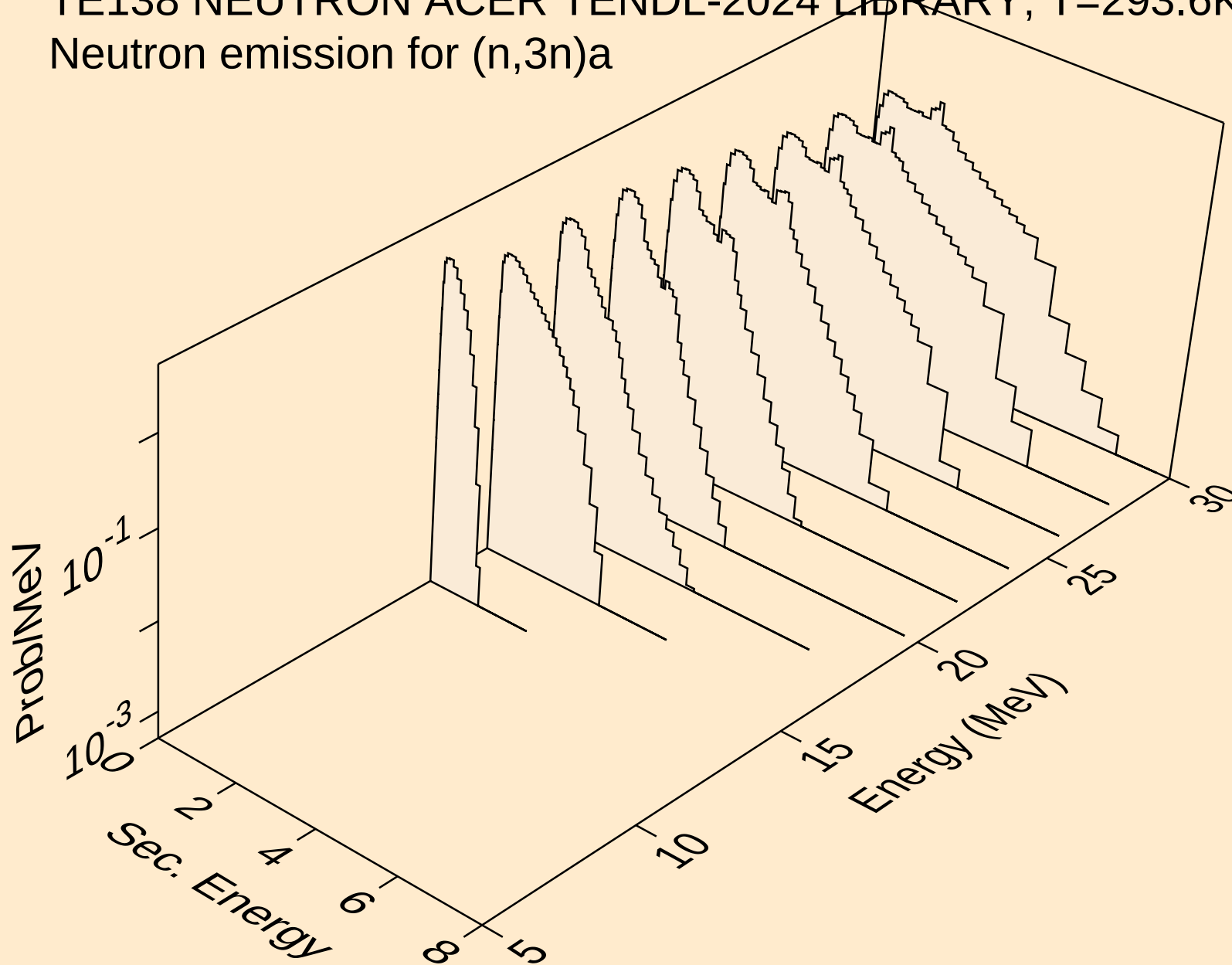
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



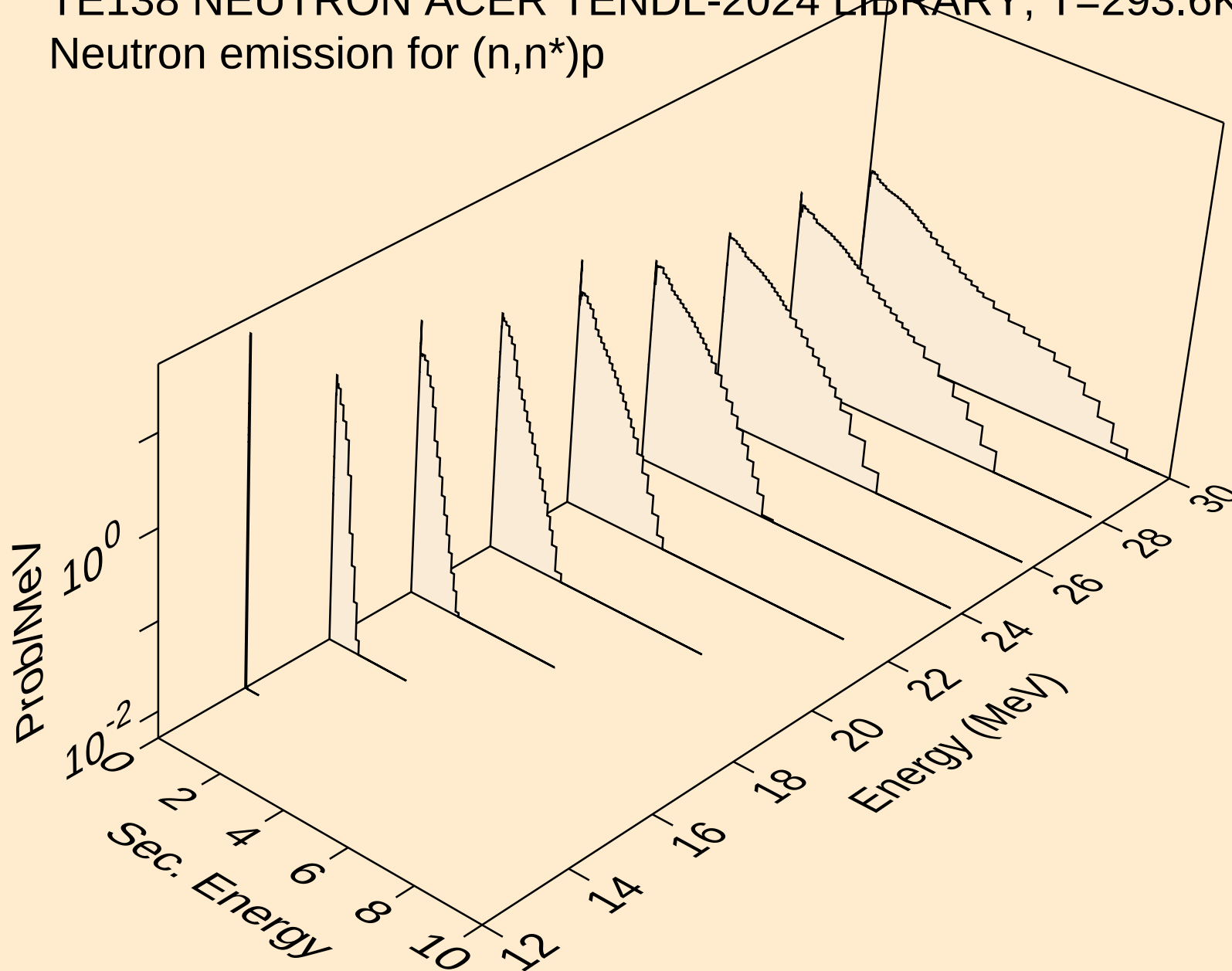
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



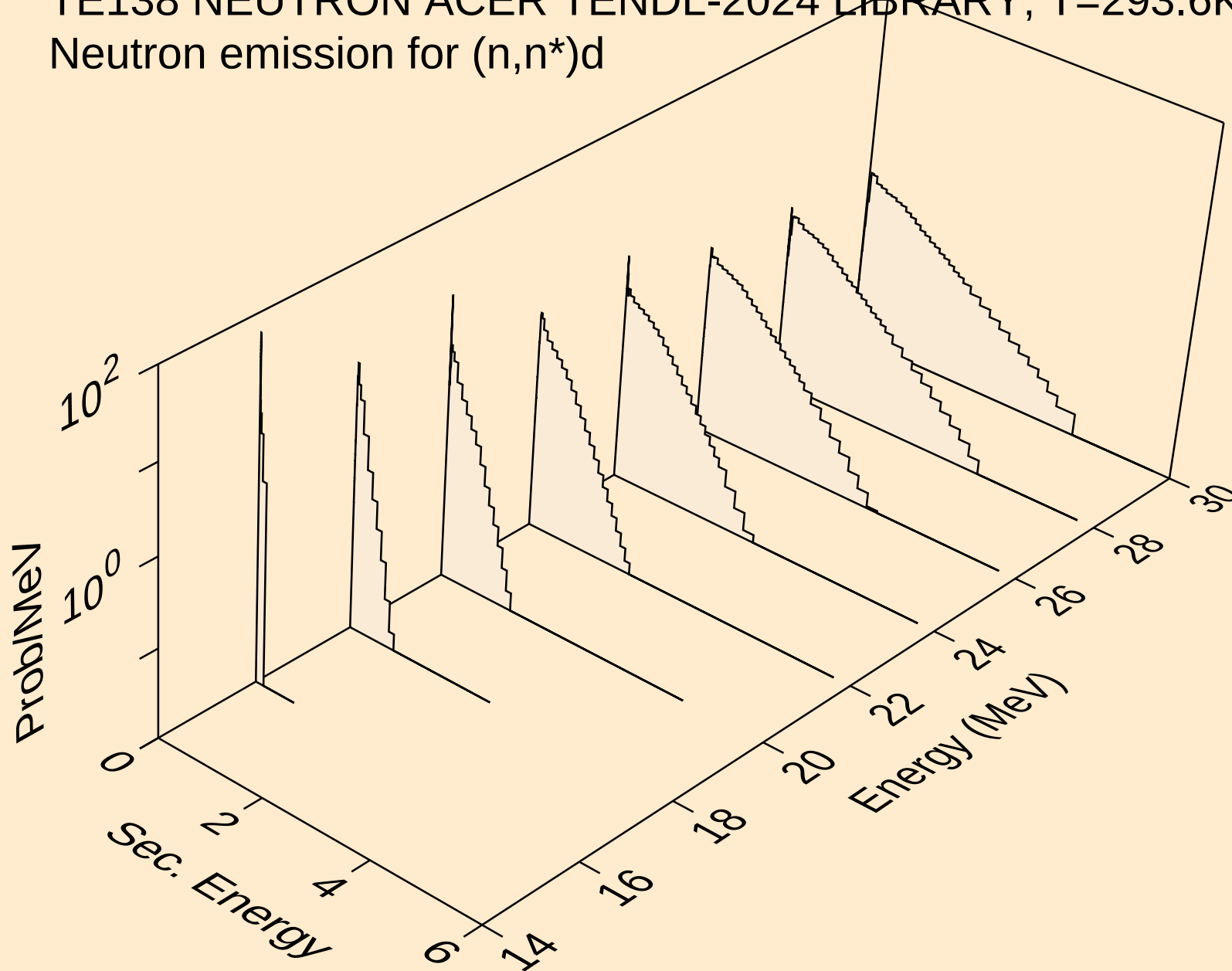
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n) α



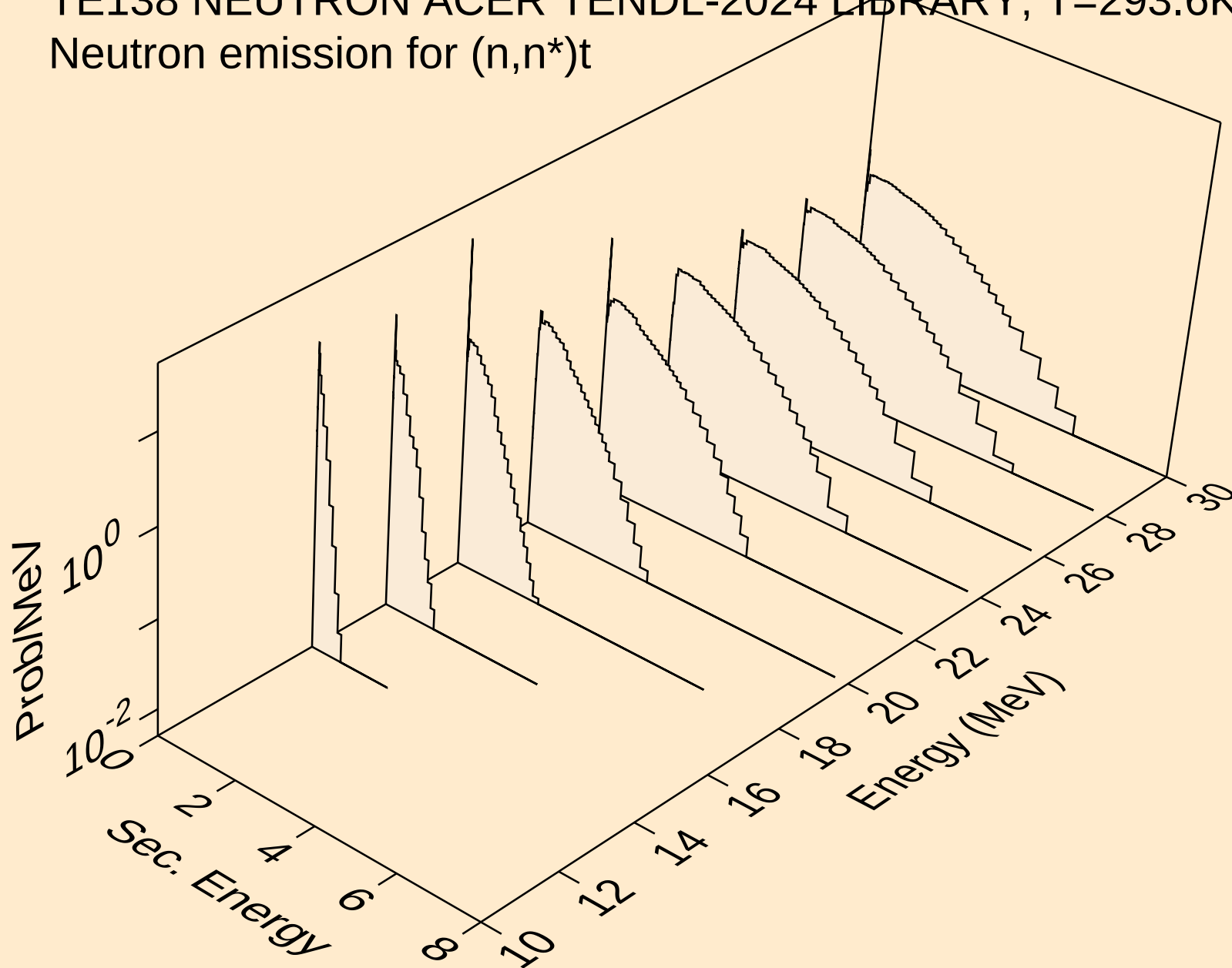
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



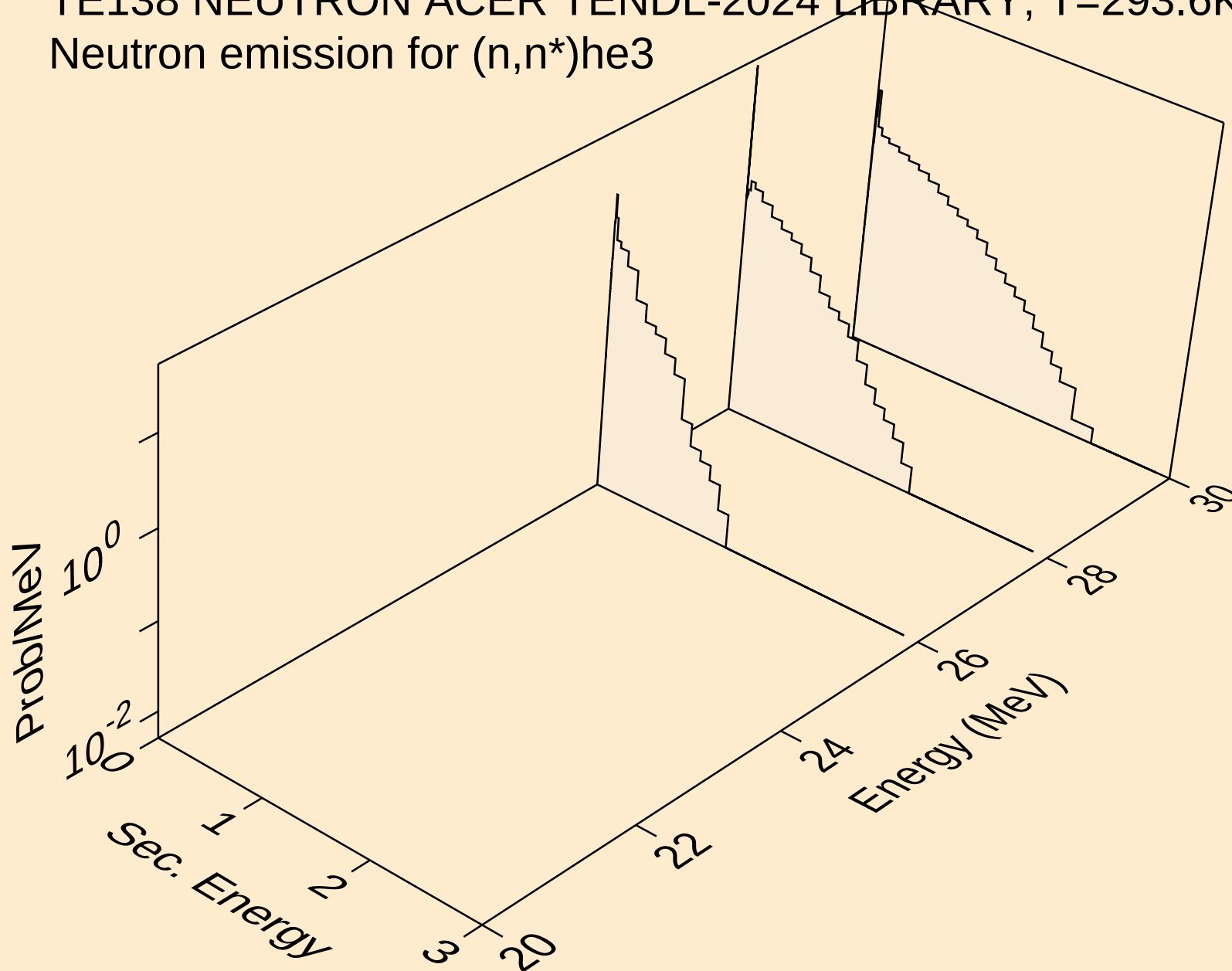
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



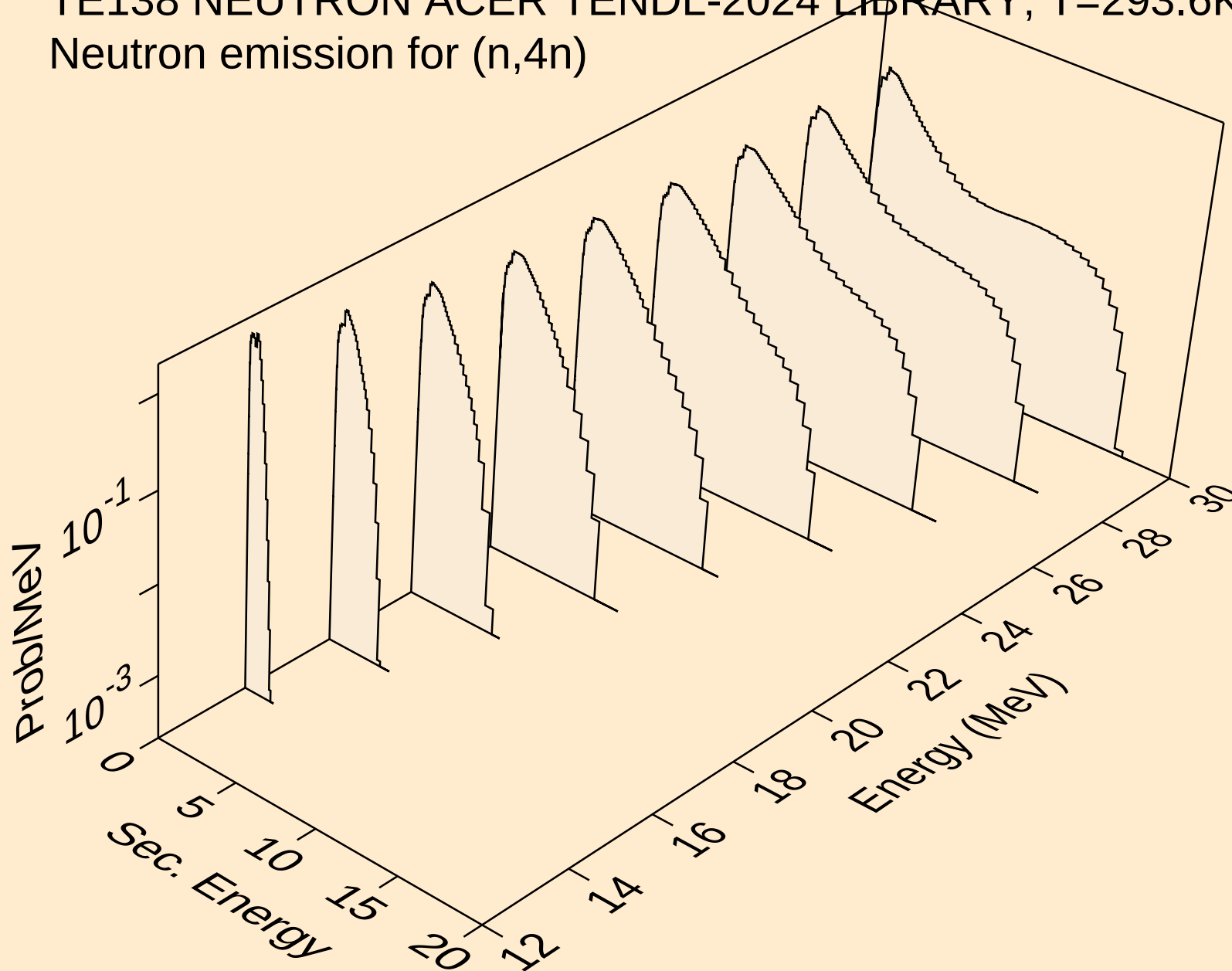
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



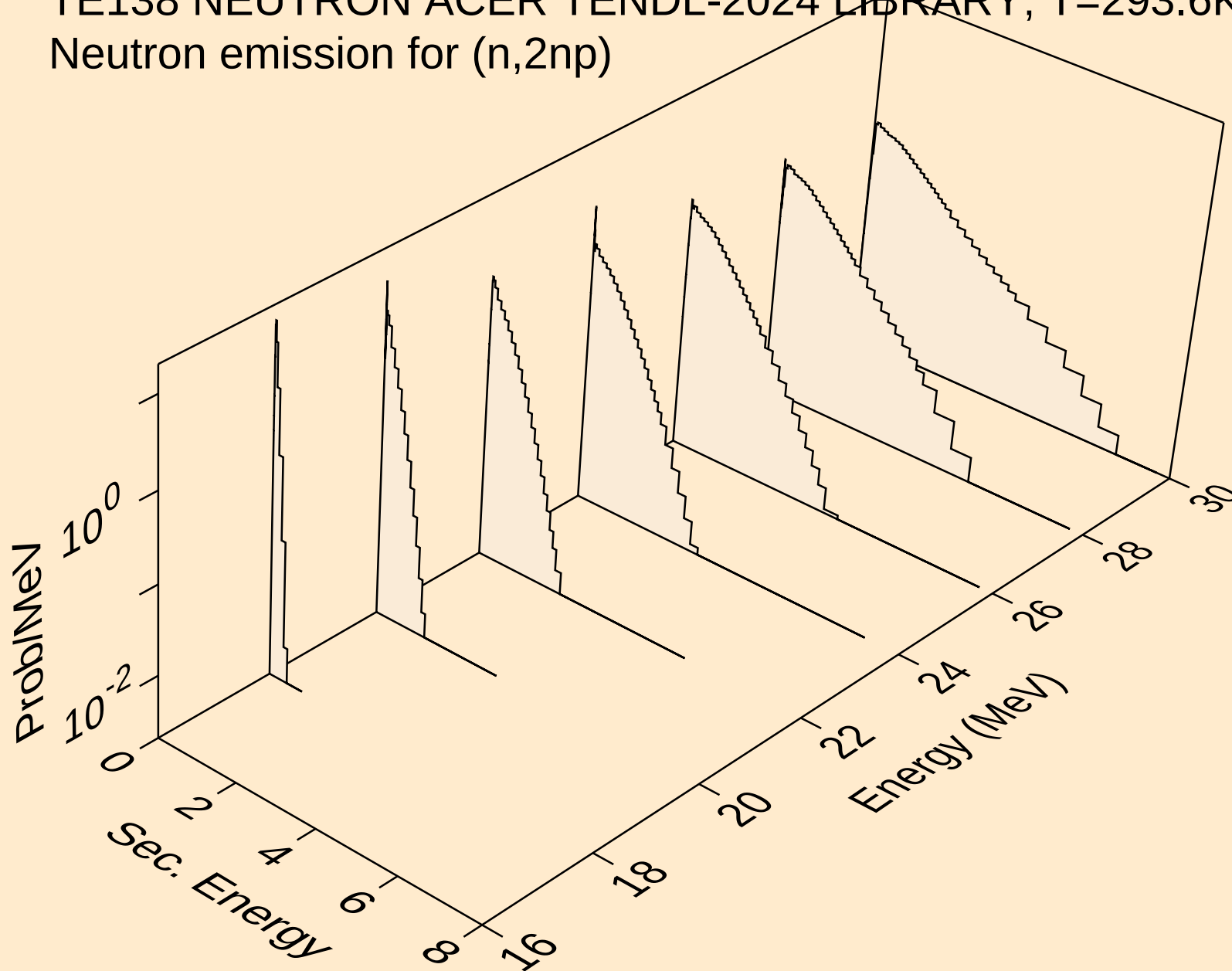
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



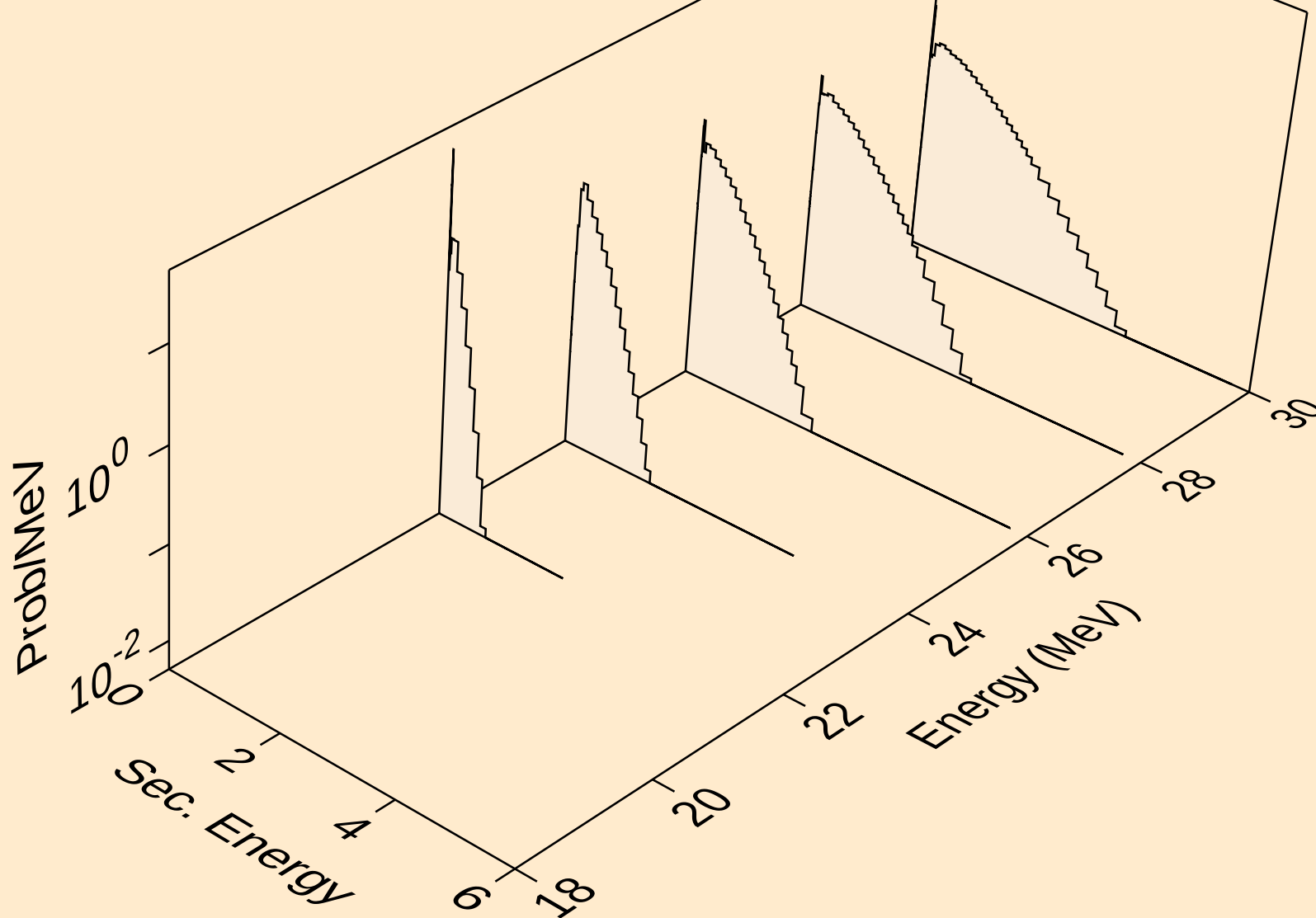
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



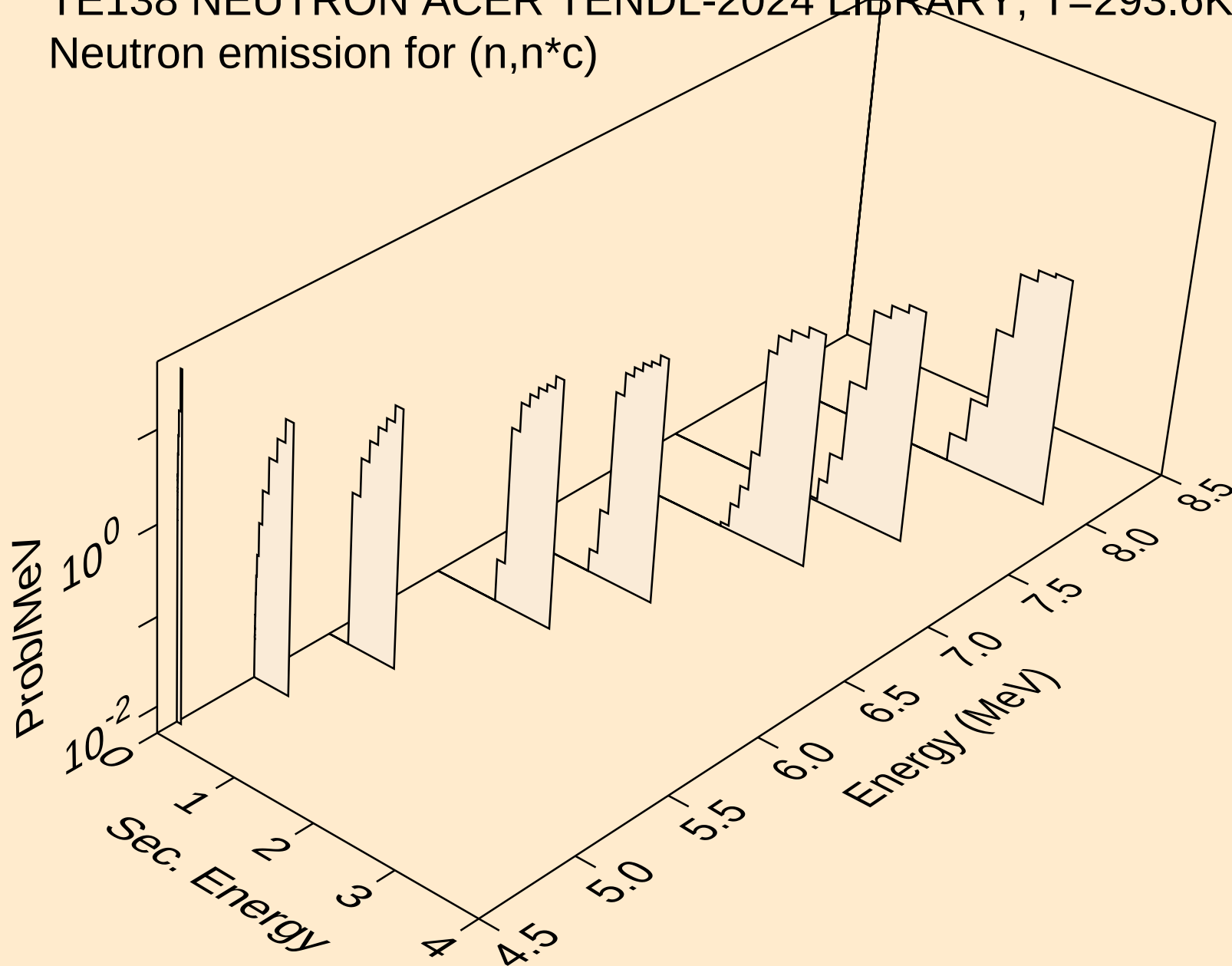
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



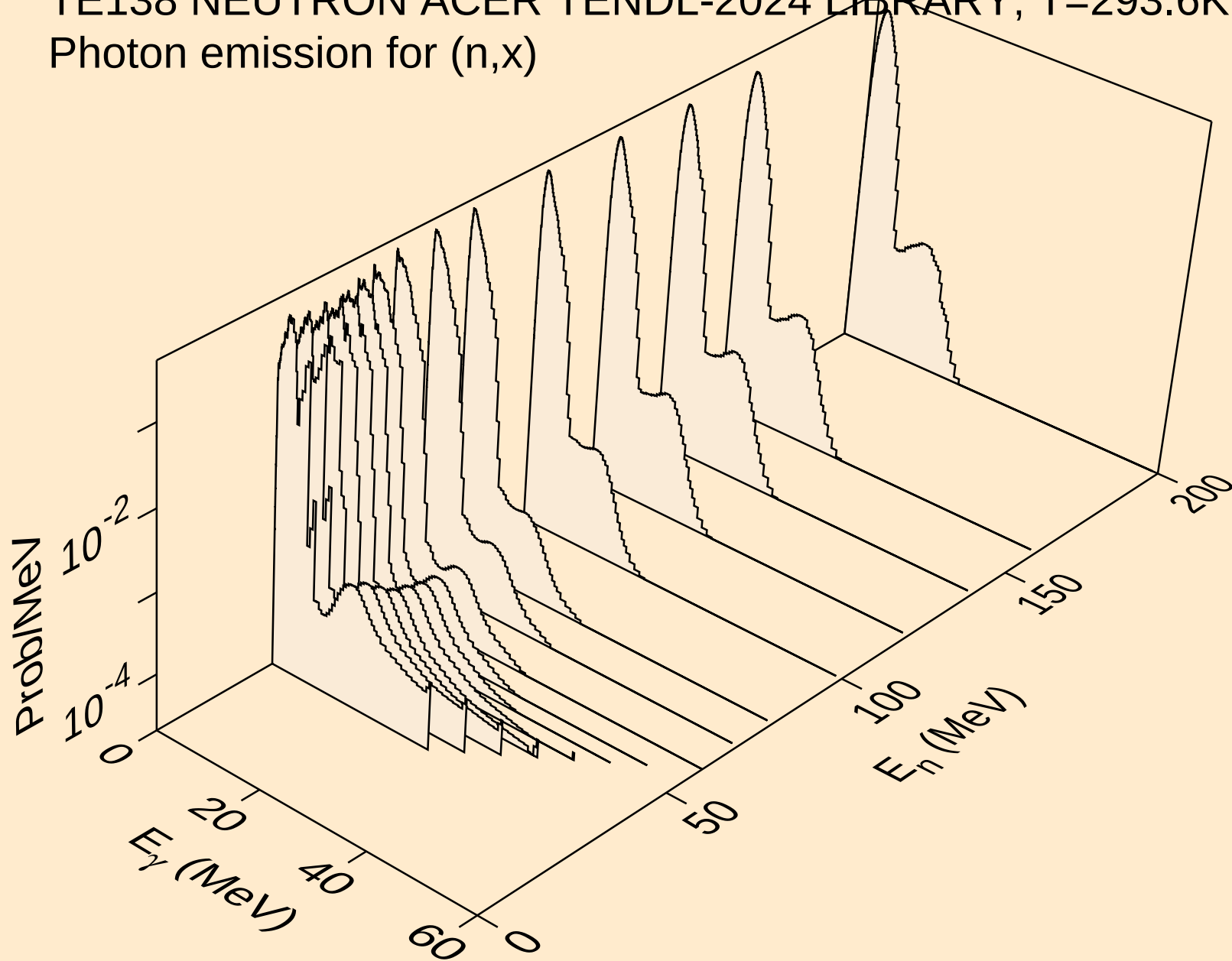
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



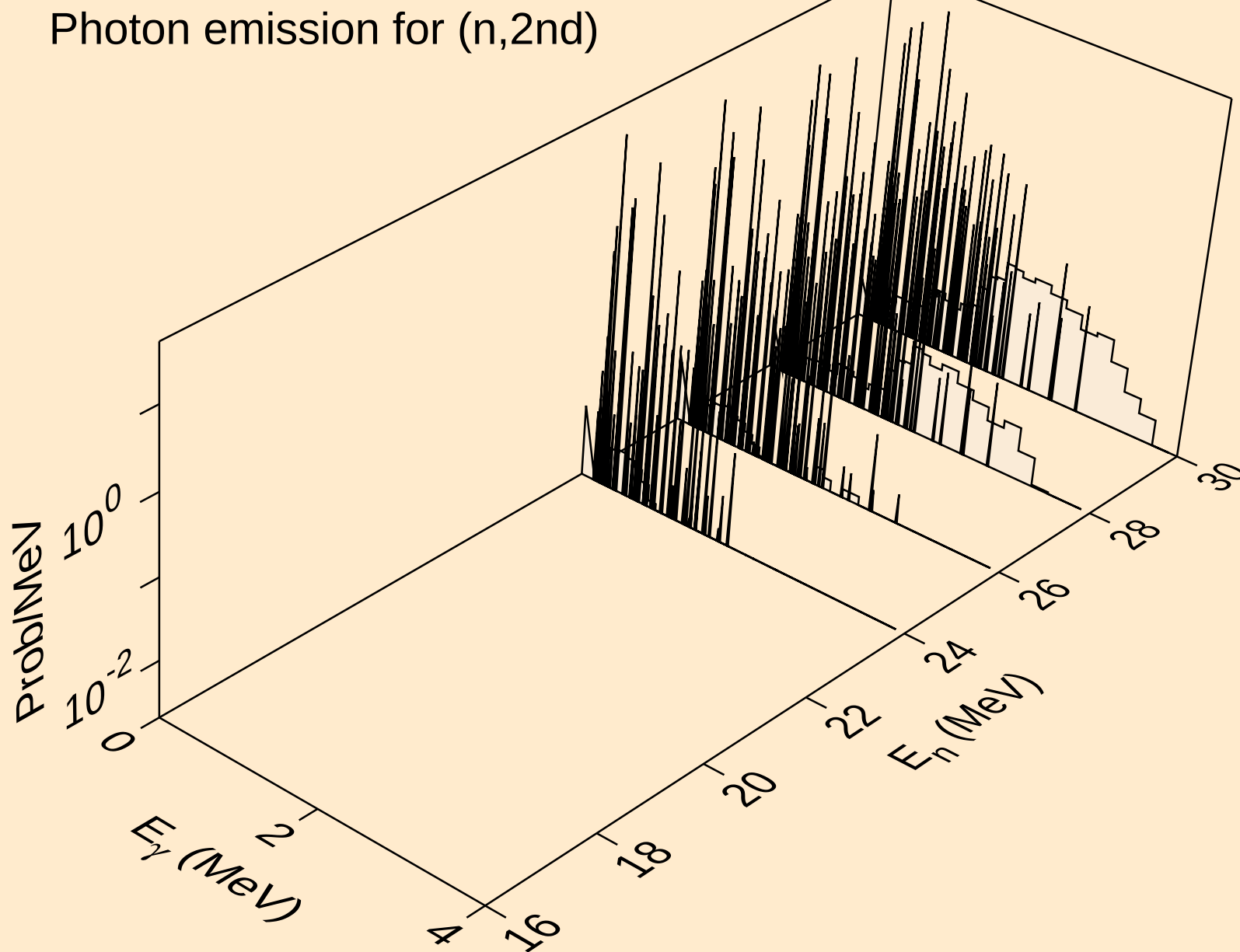
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



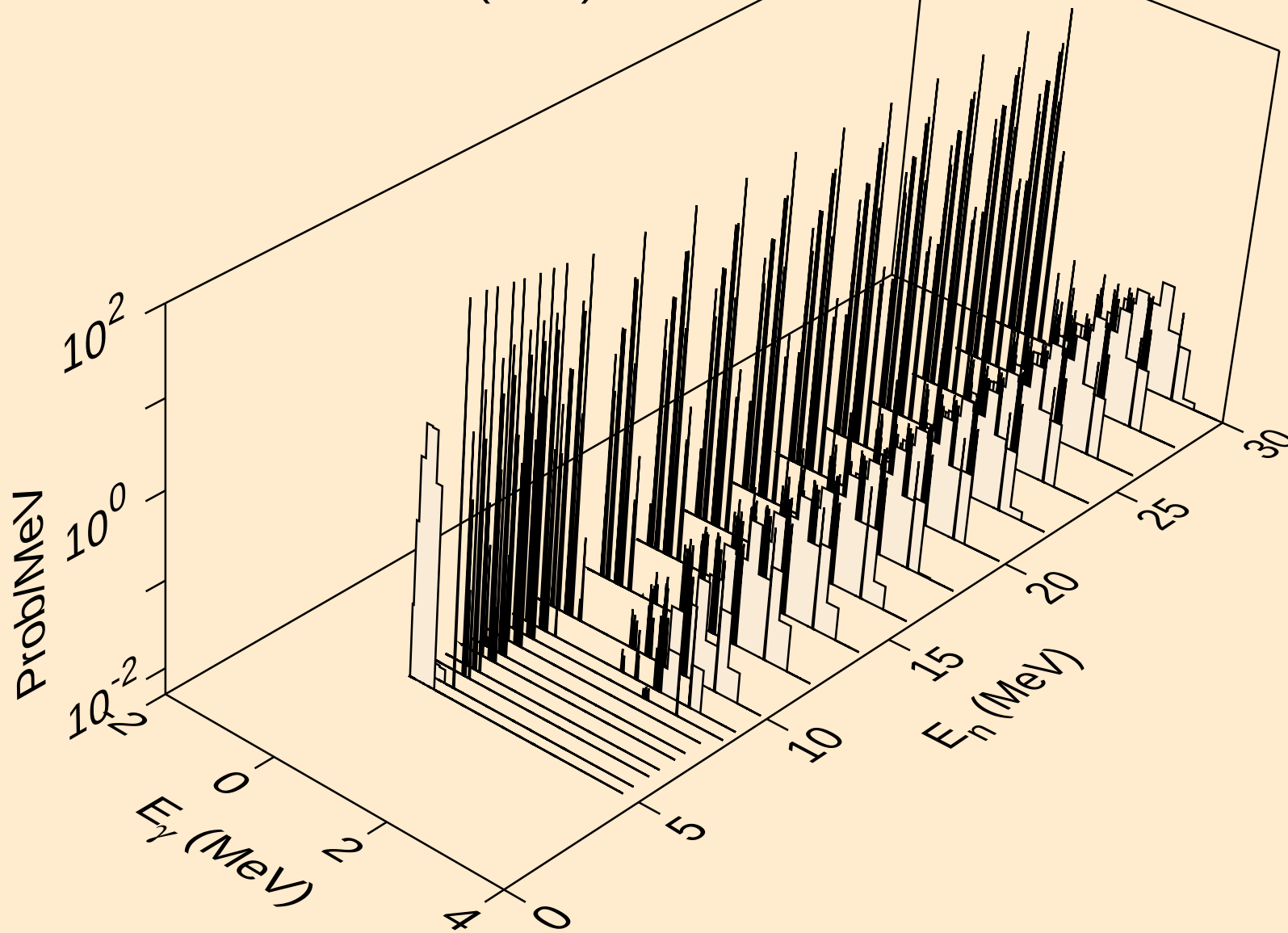
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



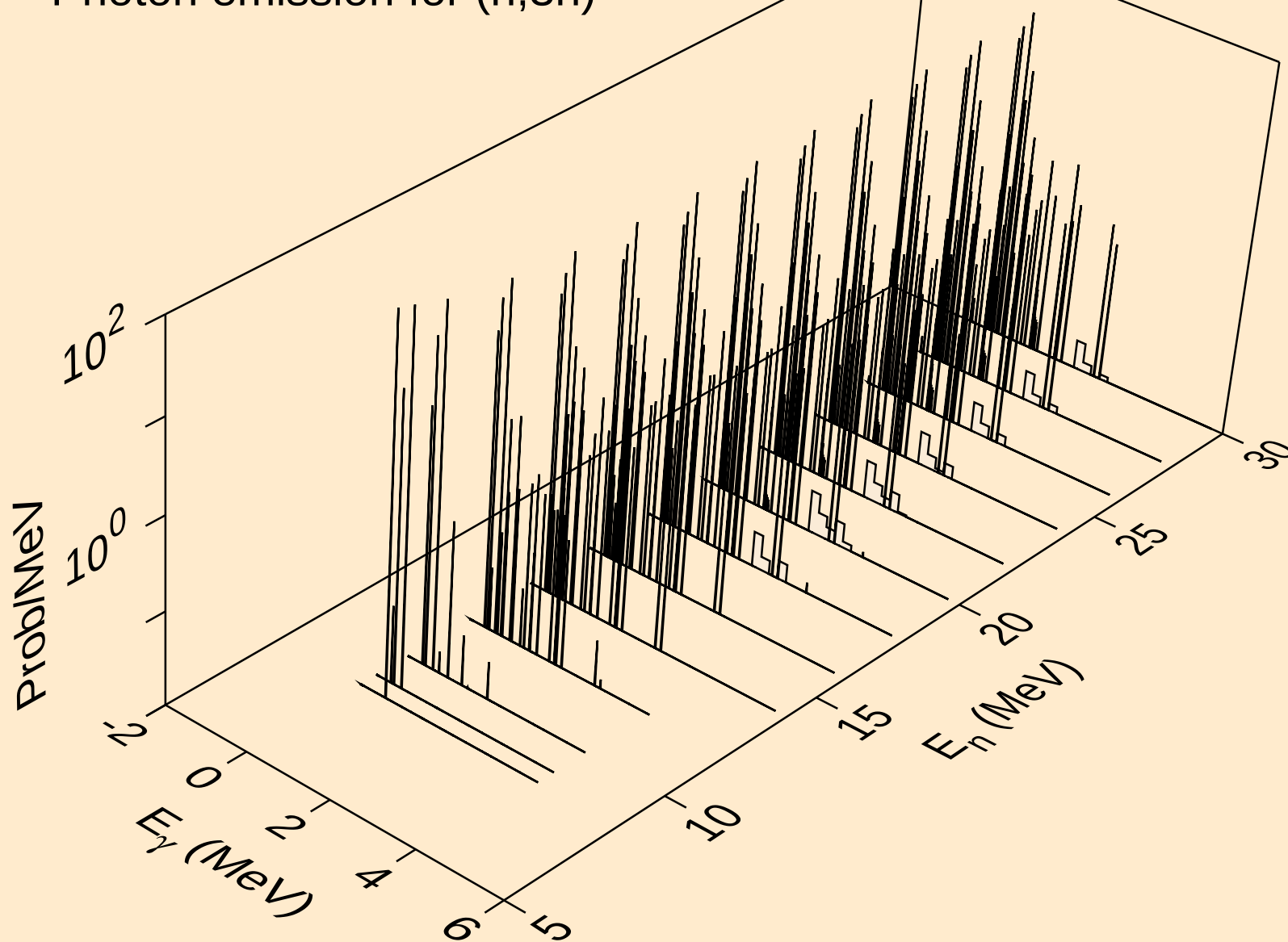
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



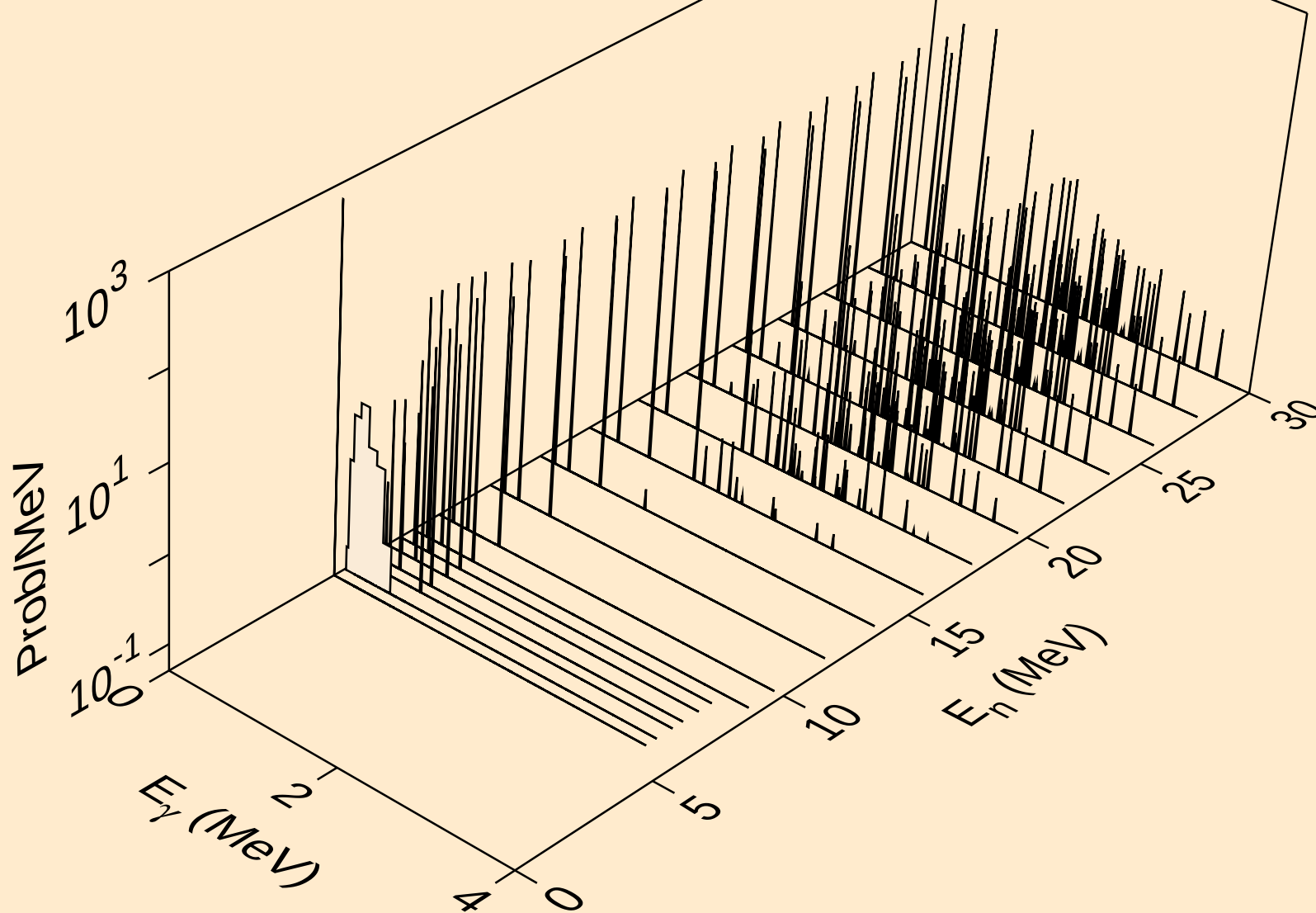
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



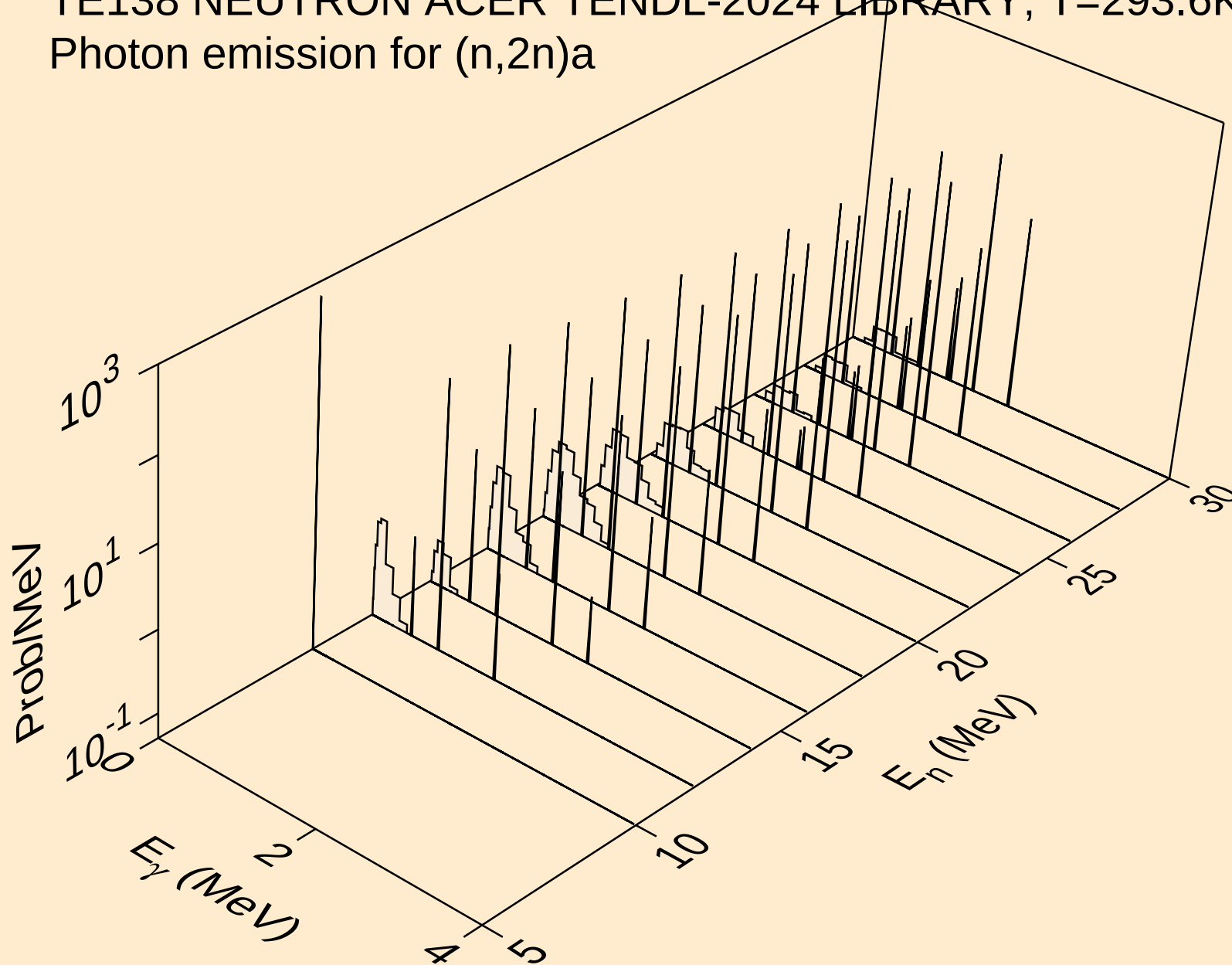
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



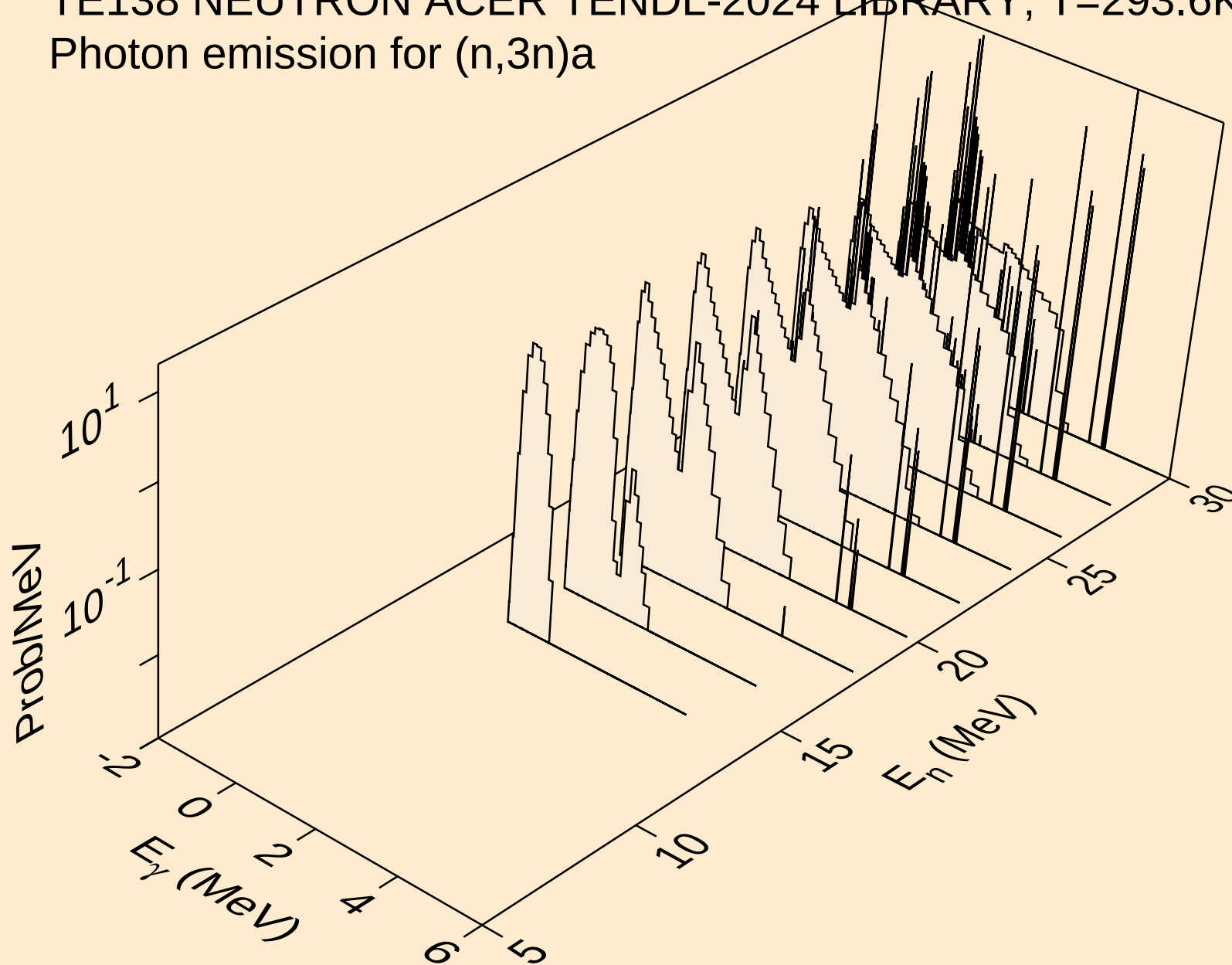
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a

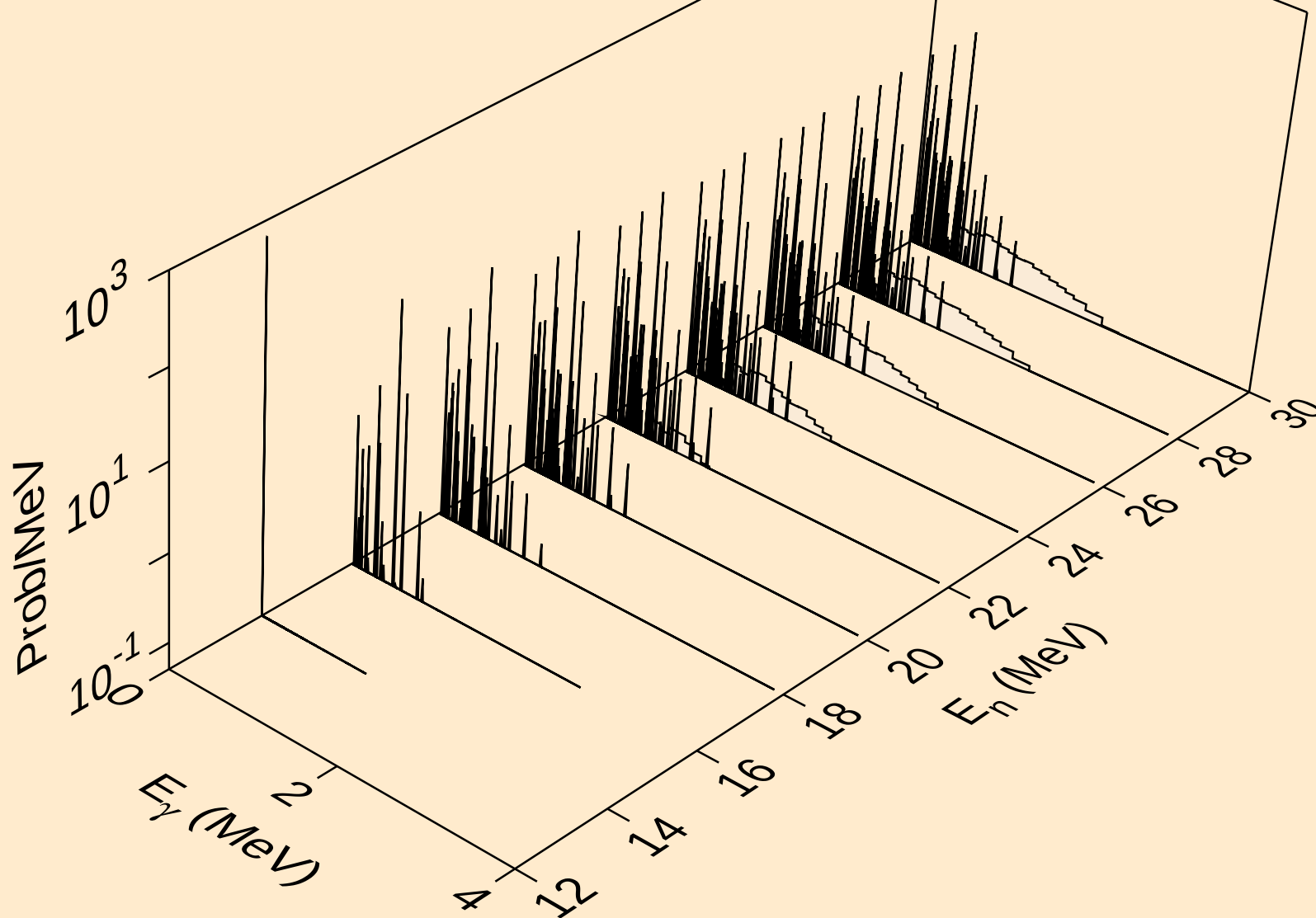


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n) α

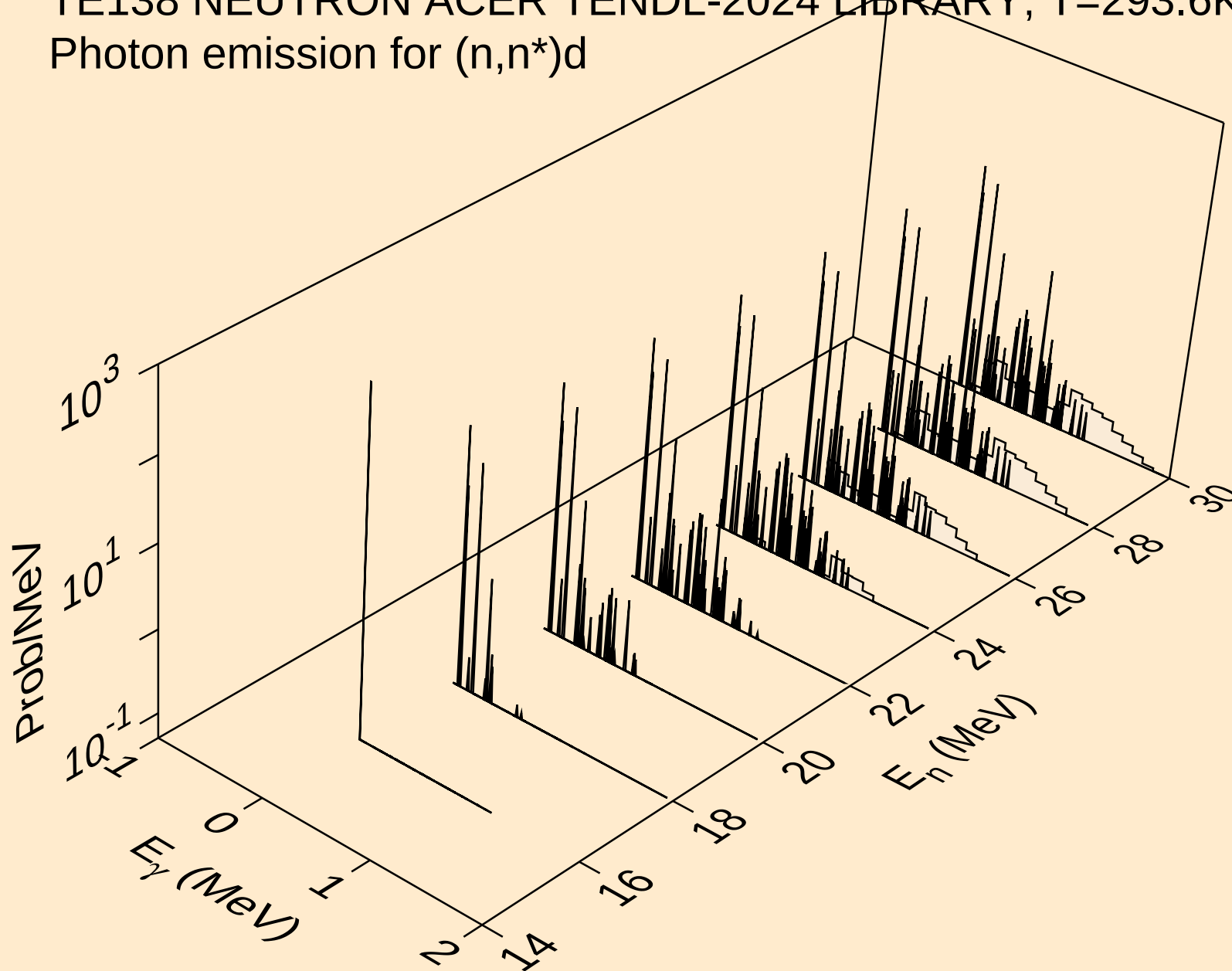


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)p

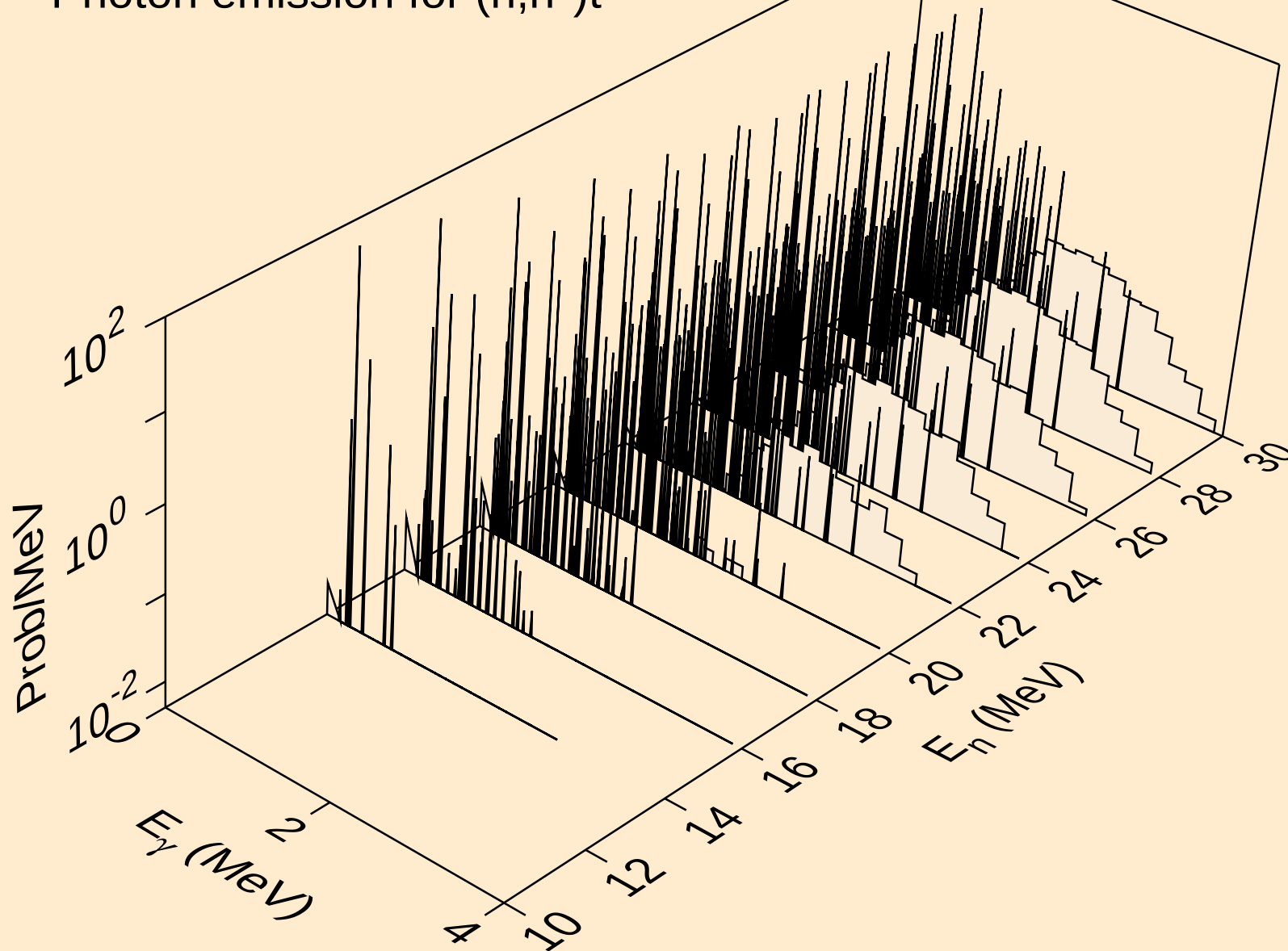


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d

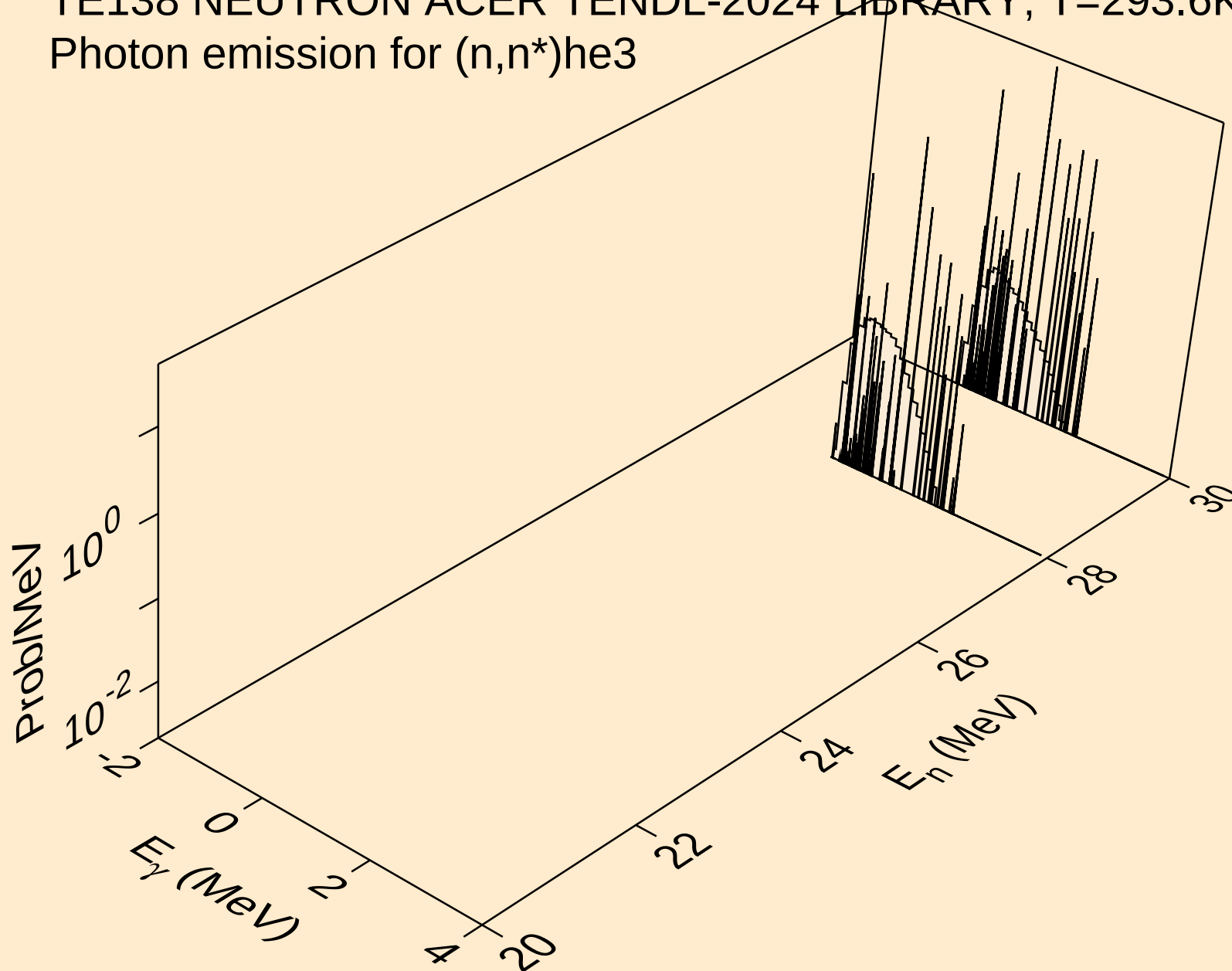


TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

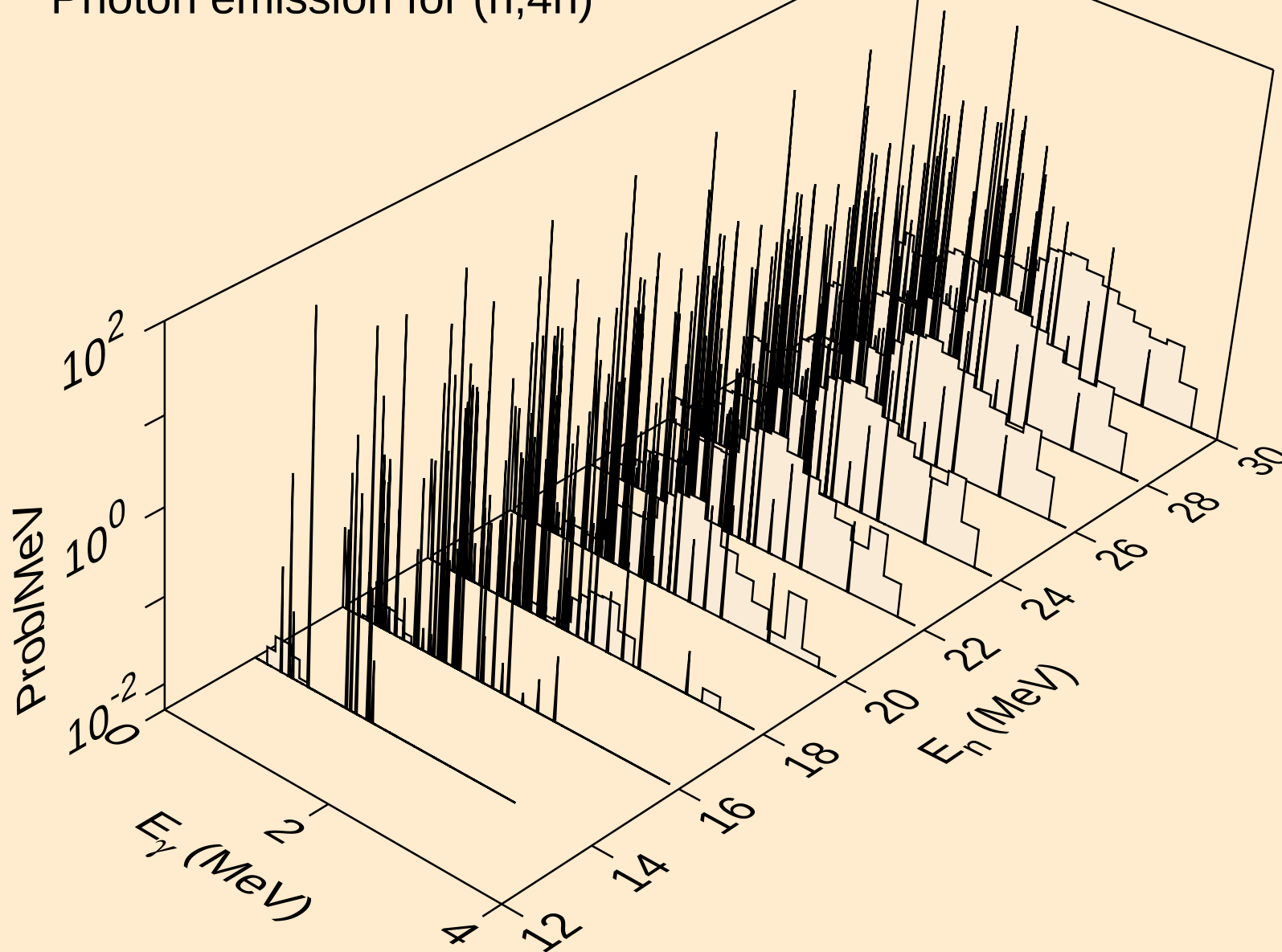
Photon emission for (n,n*)t



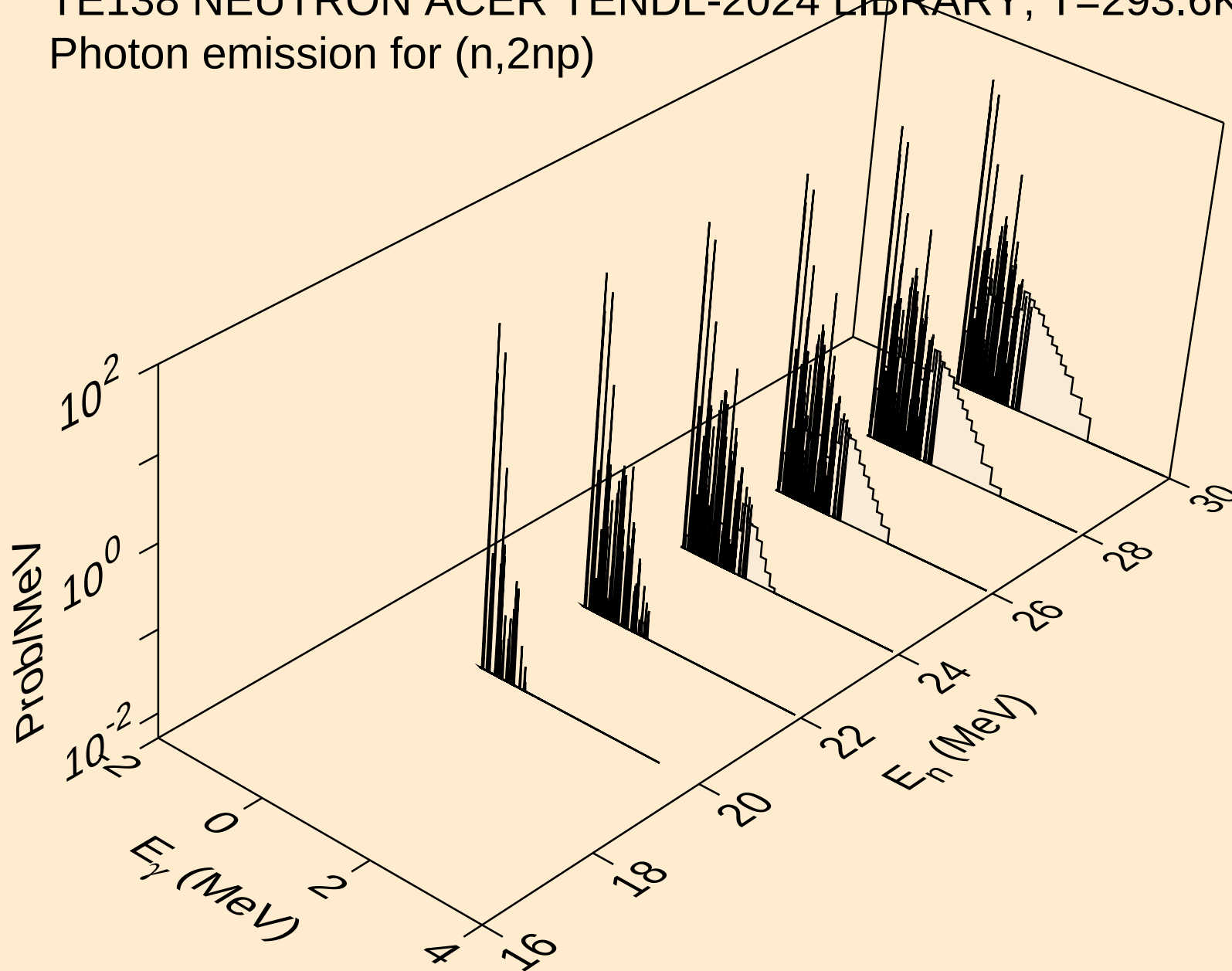
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



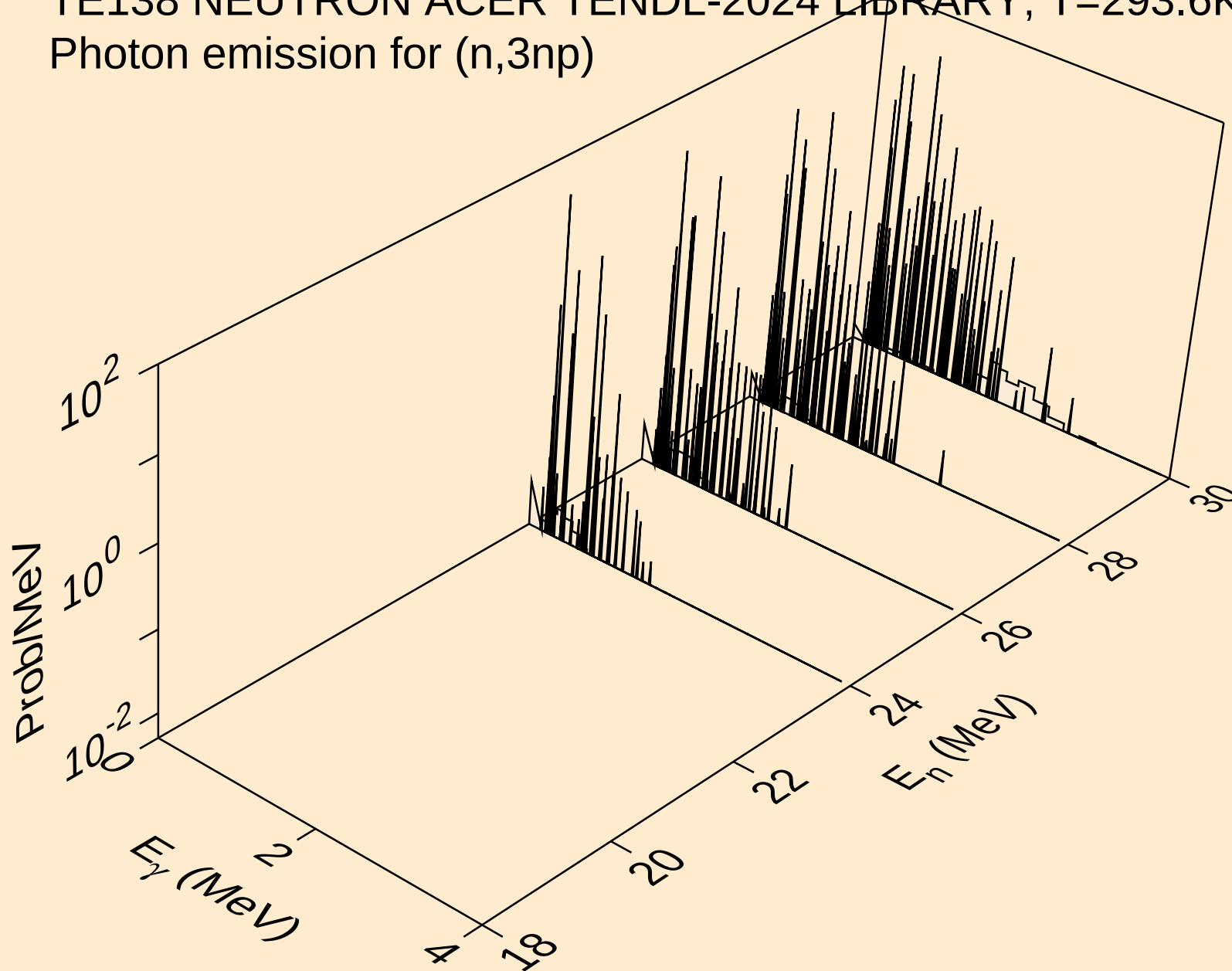
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



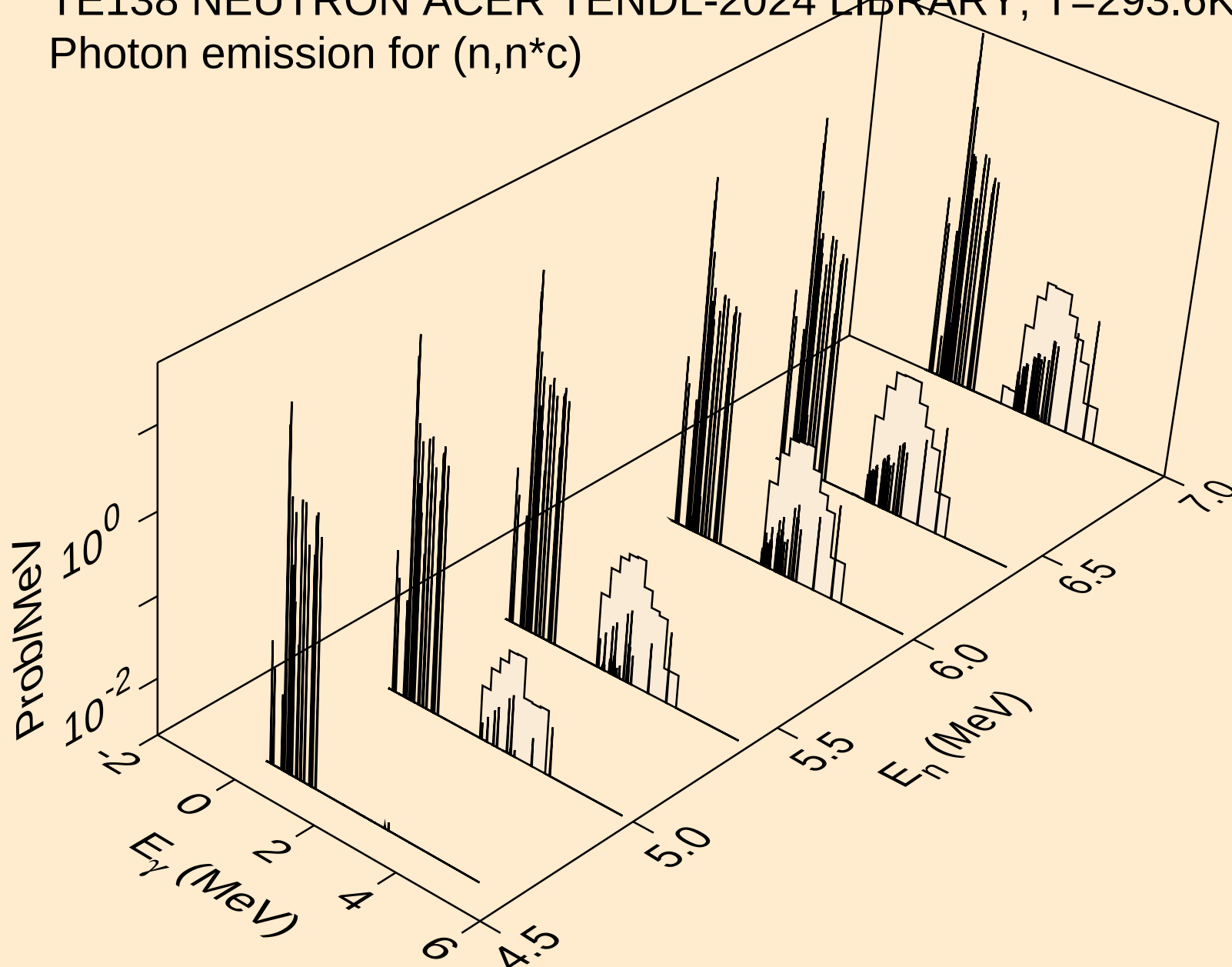
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



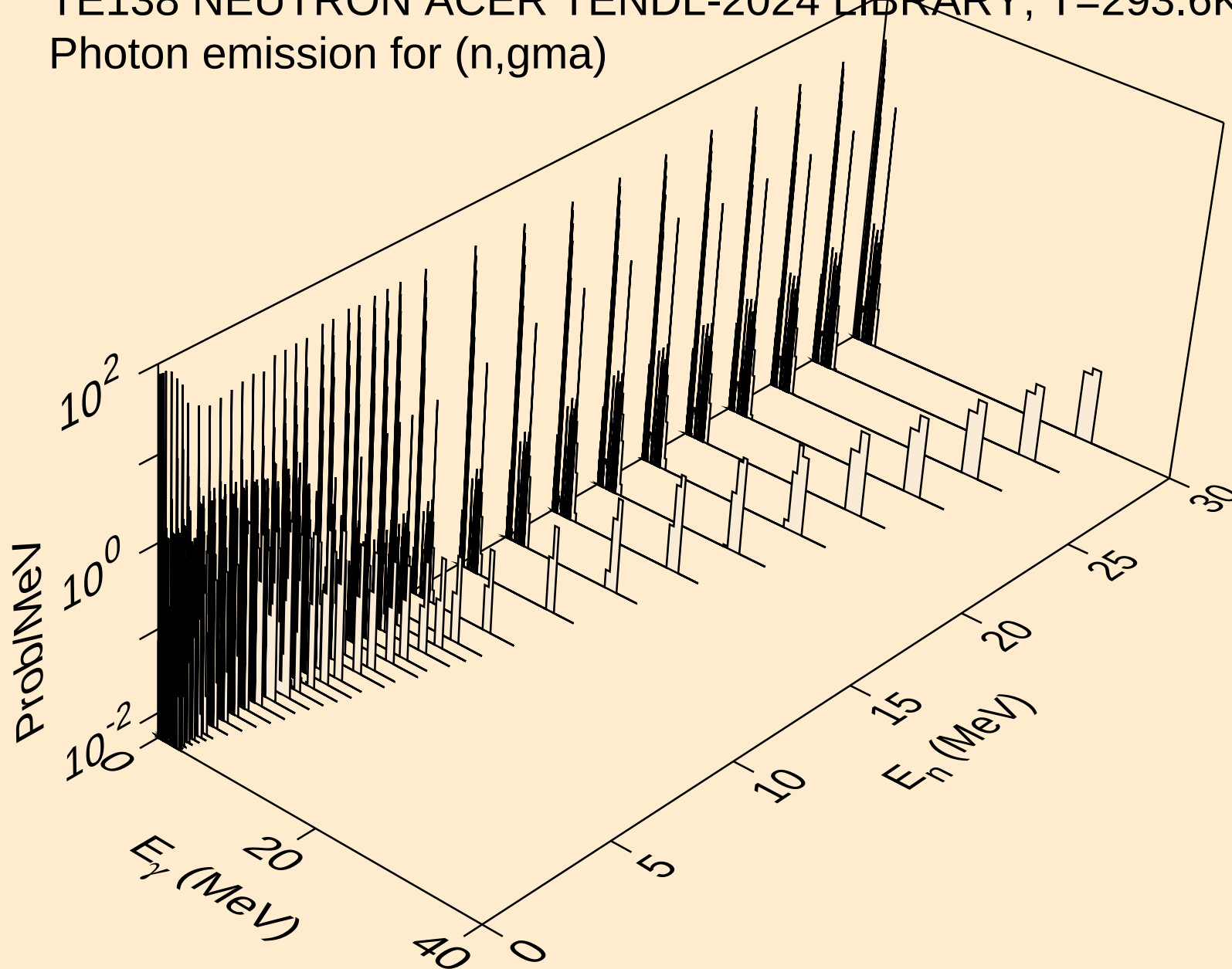
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



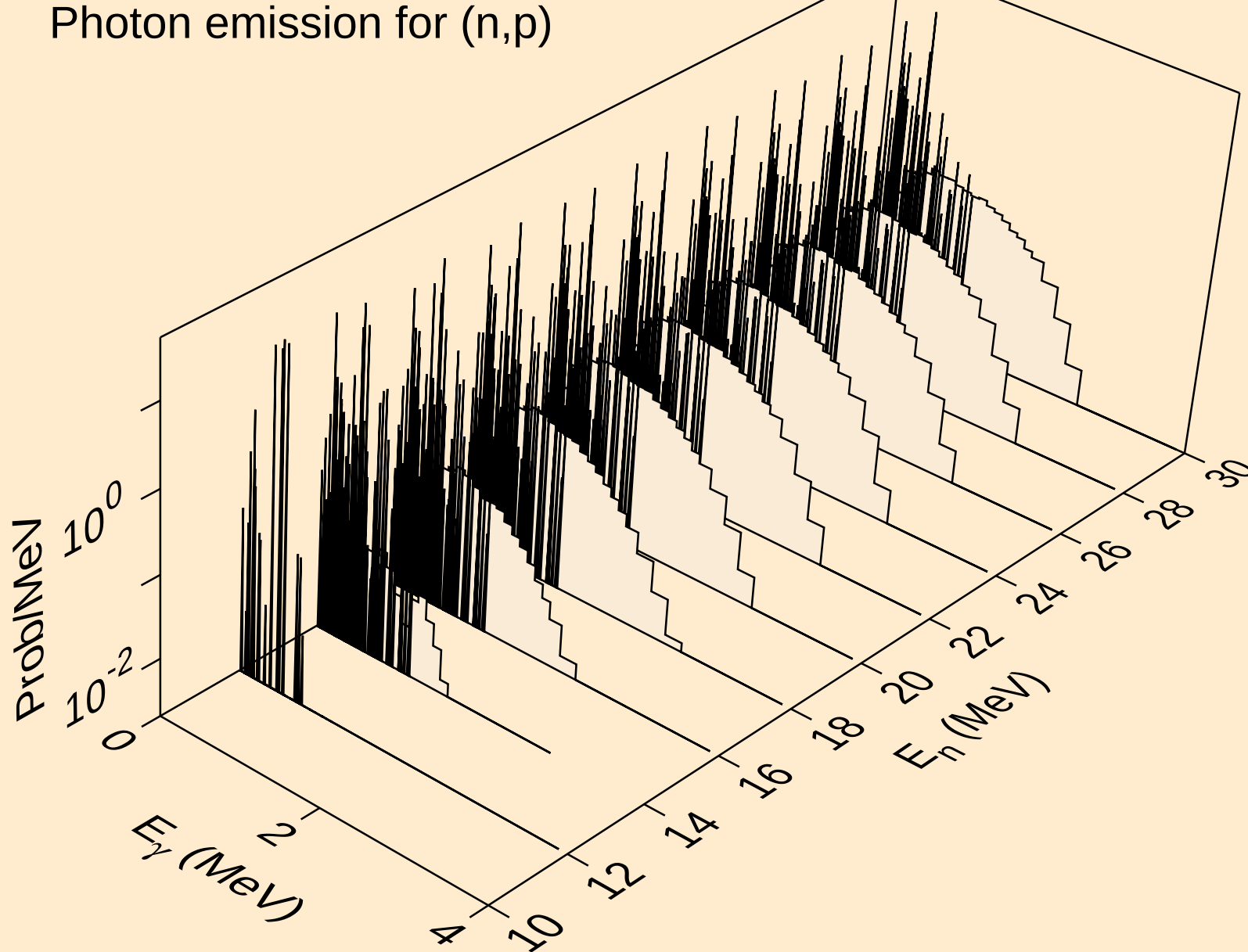
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



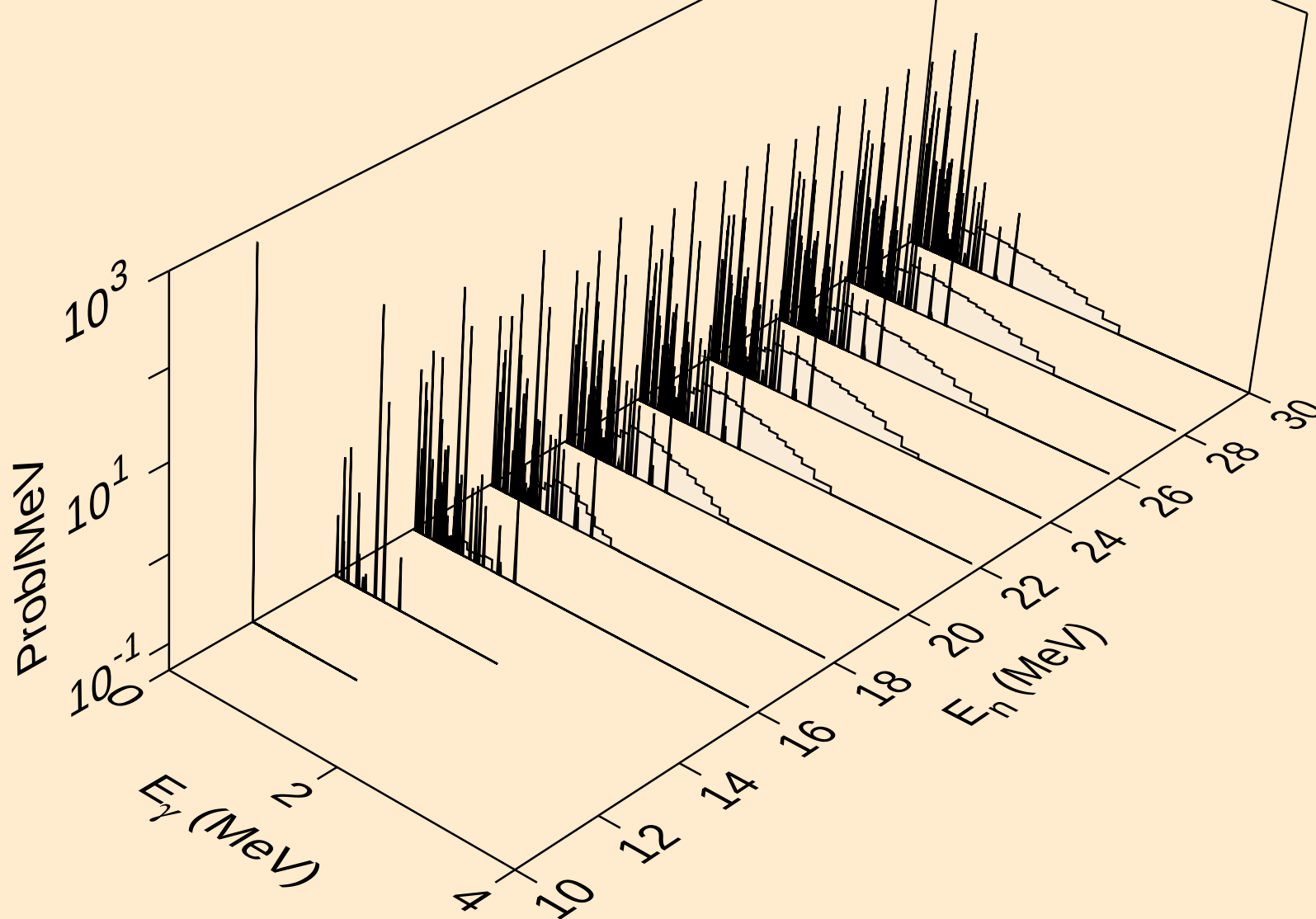
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Photon emission for (n,gma)



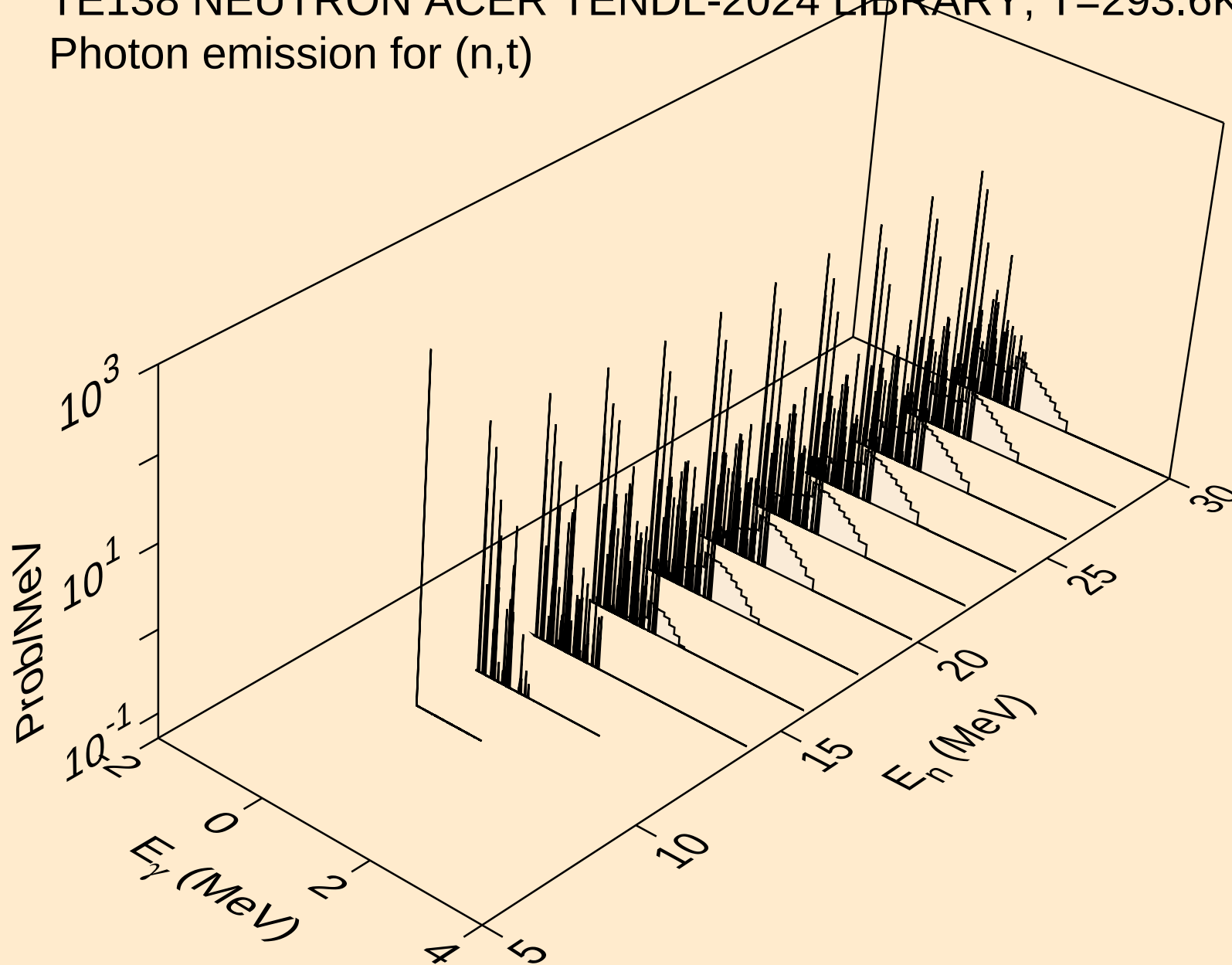
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



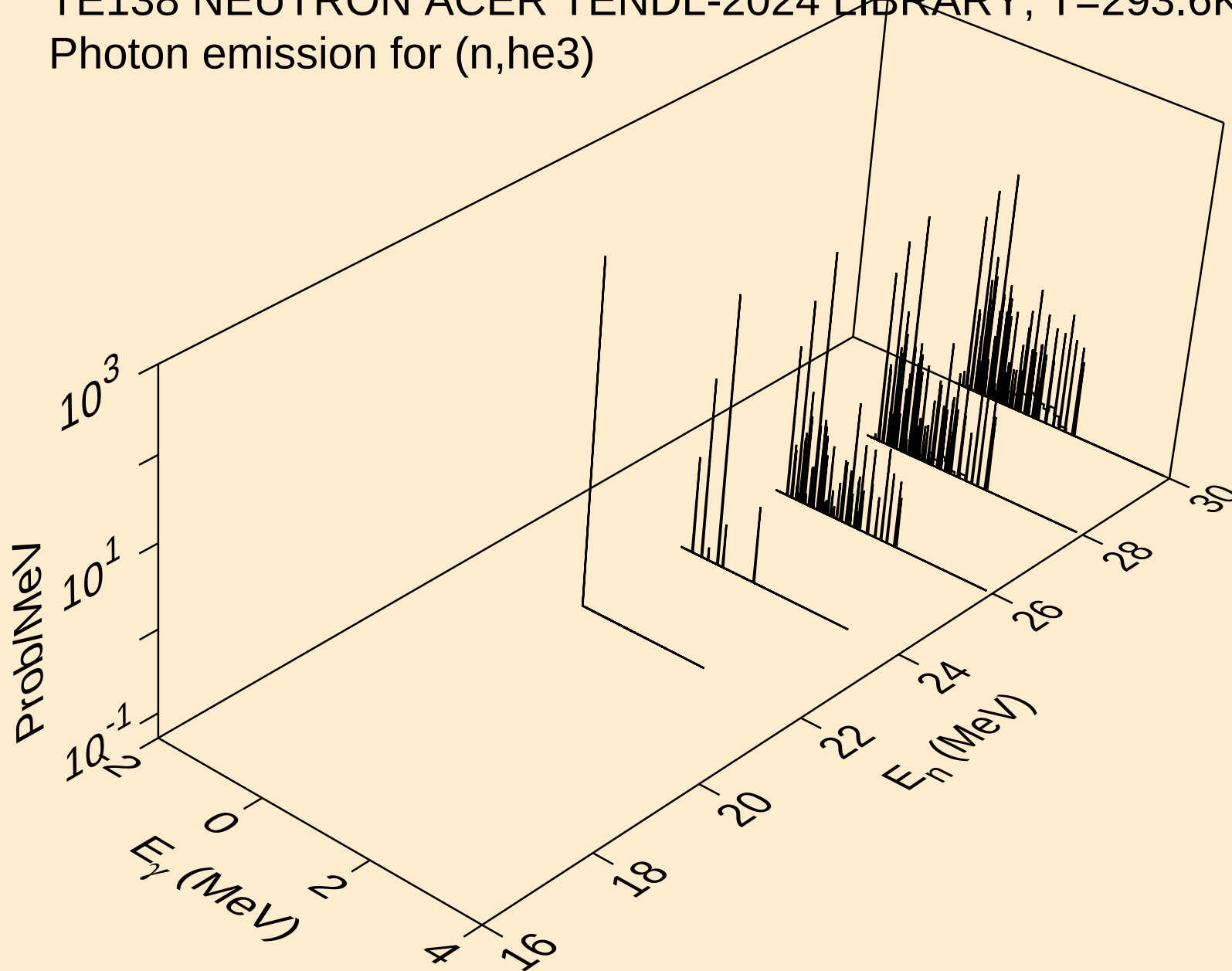
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Photon emission for (n,d)



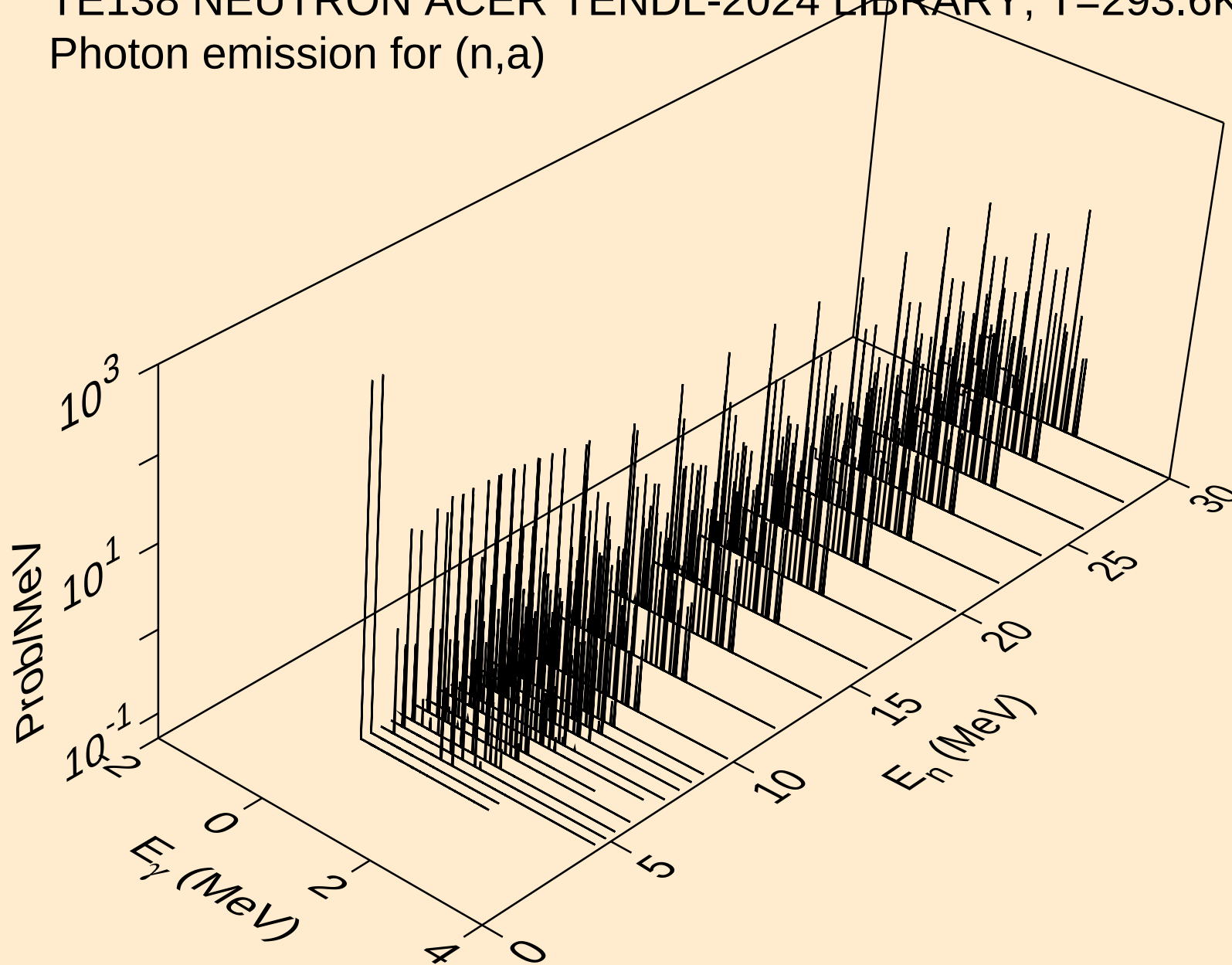
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



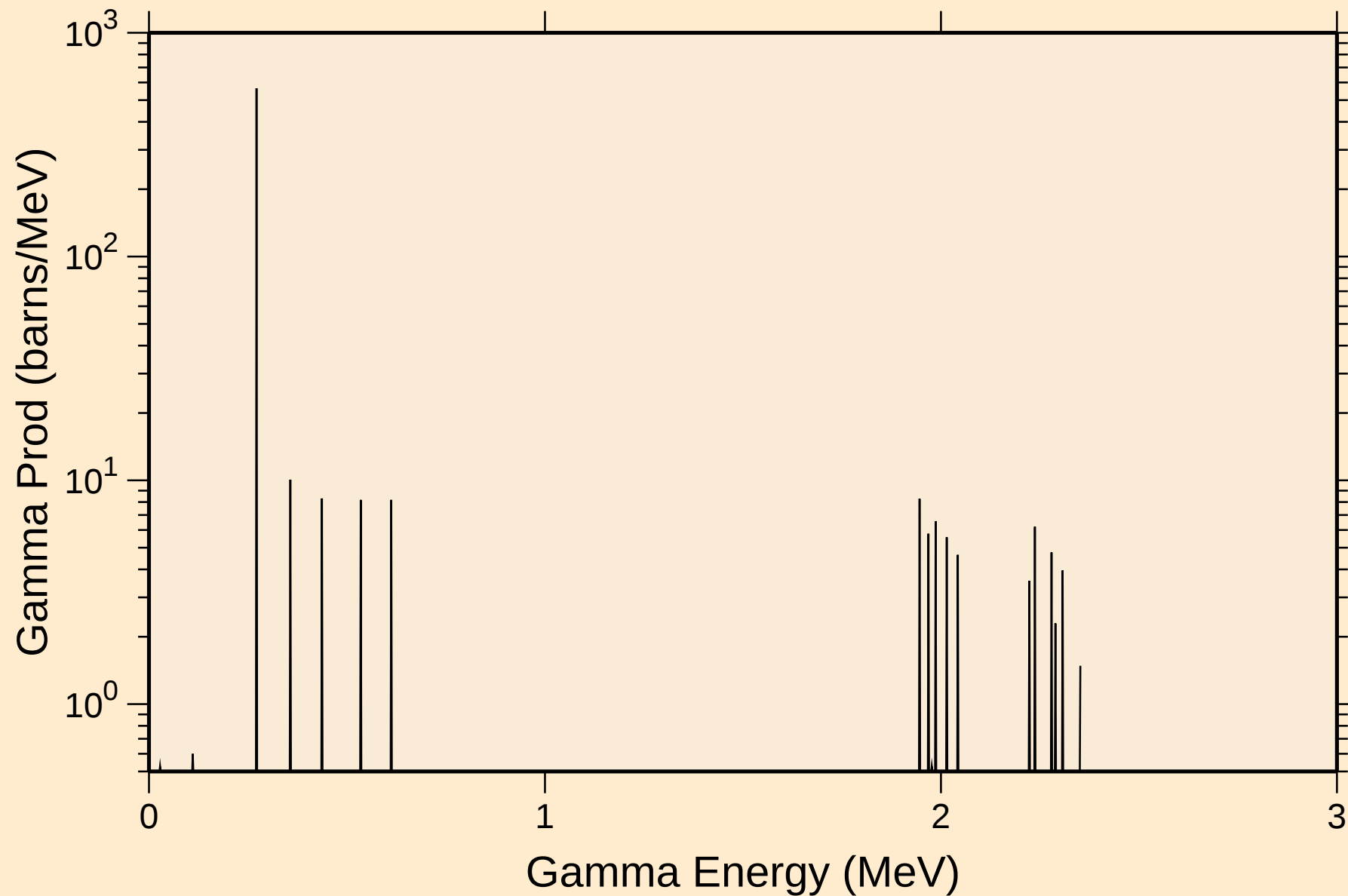
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



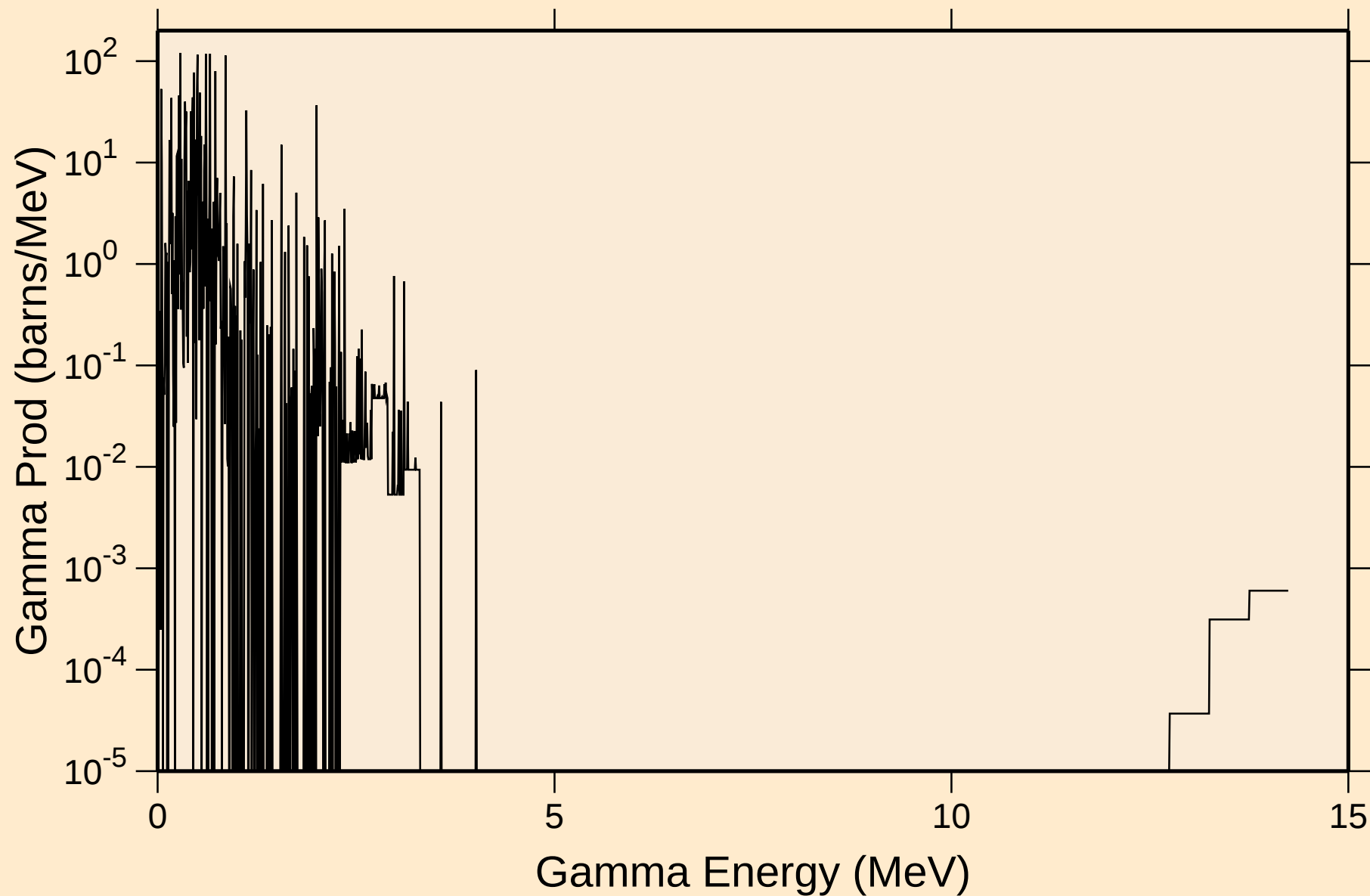
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



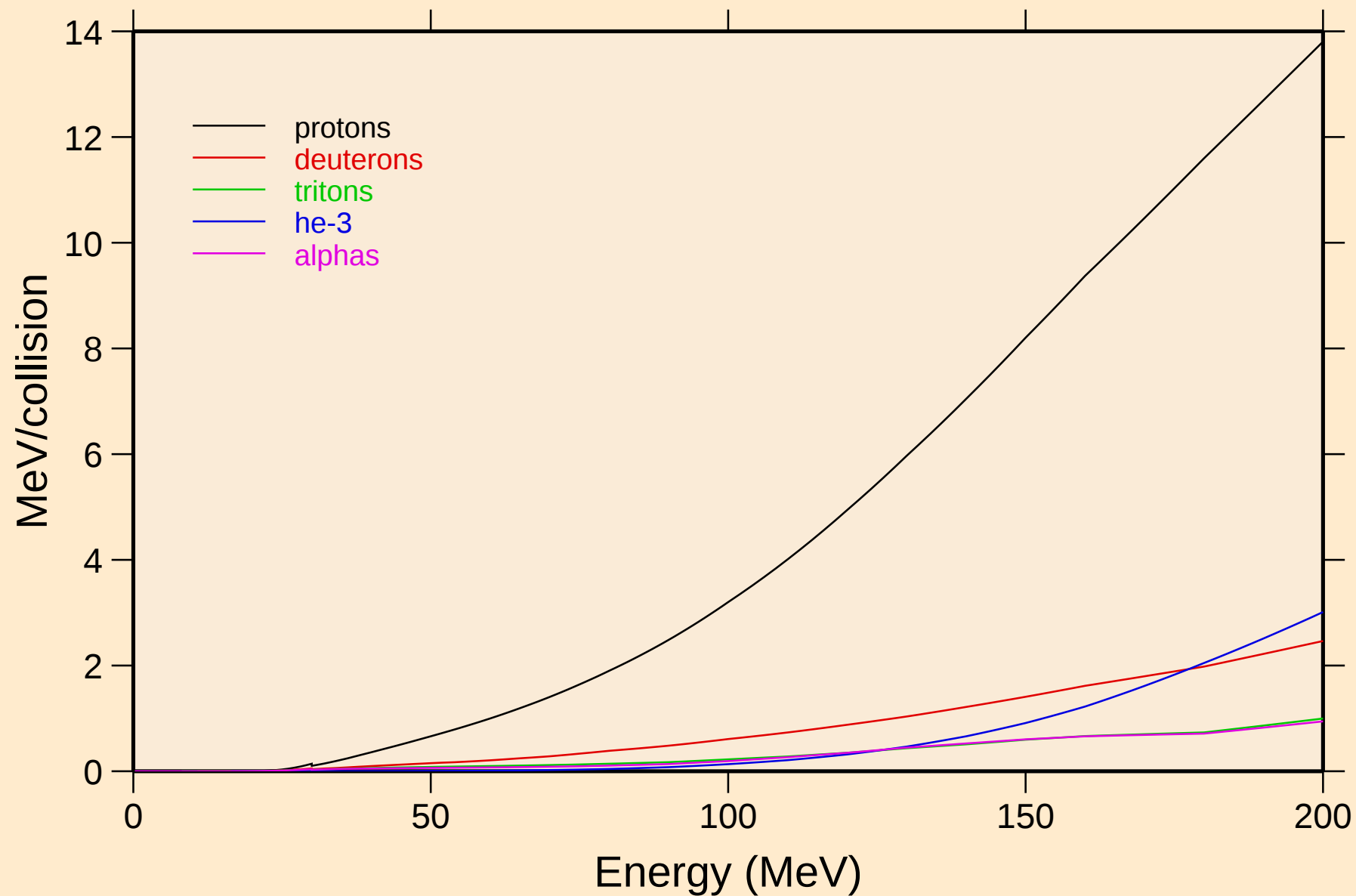
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



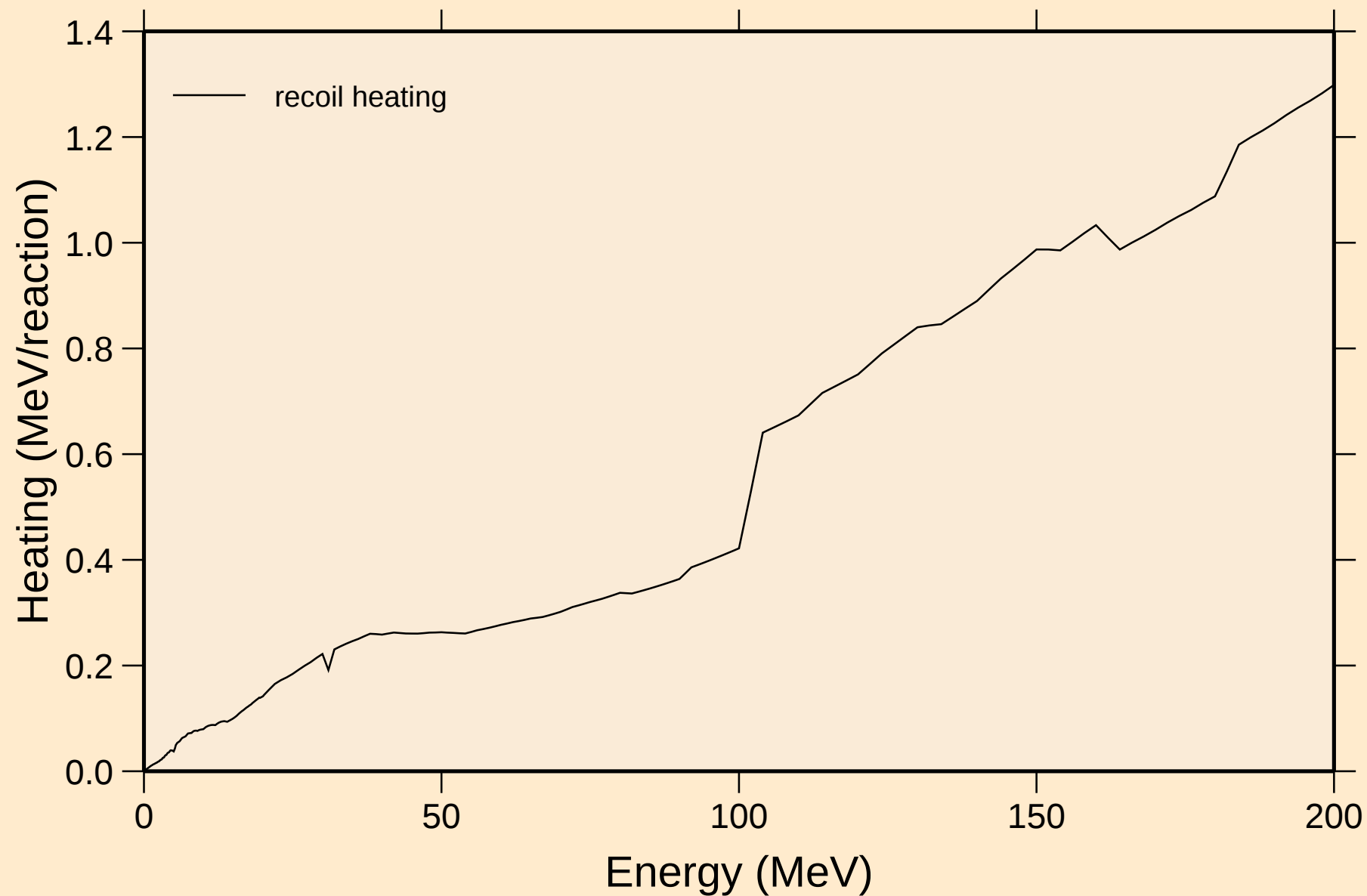
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



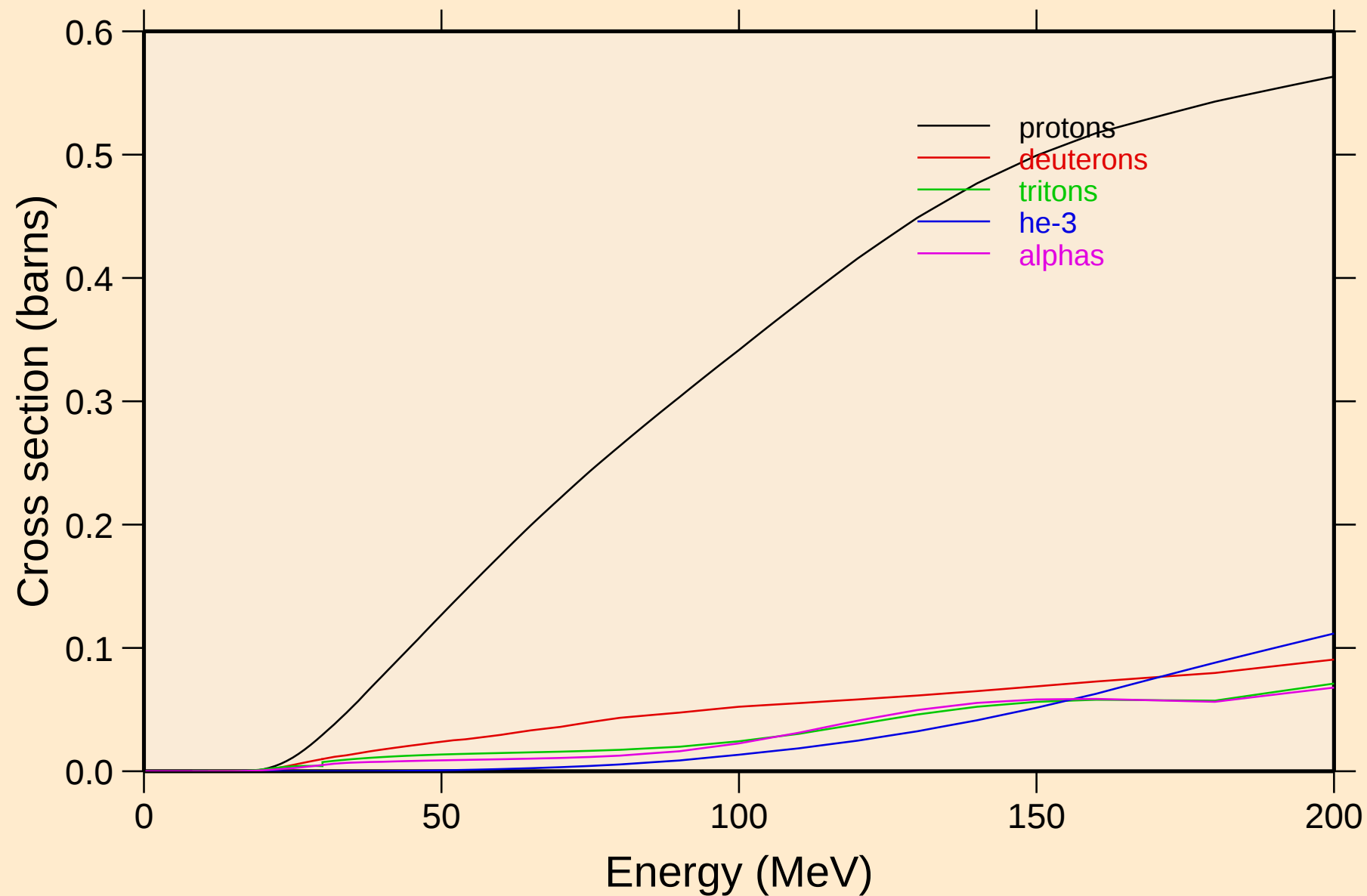
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



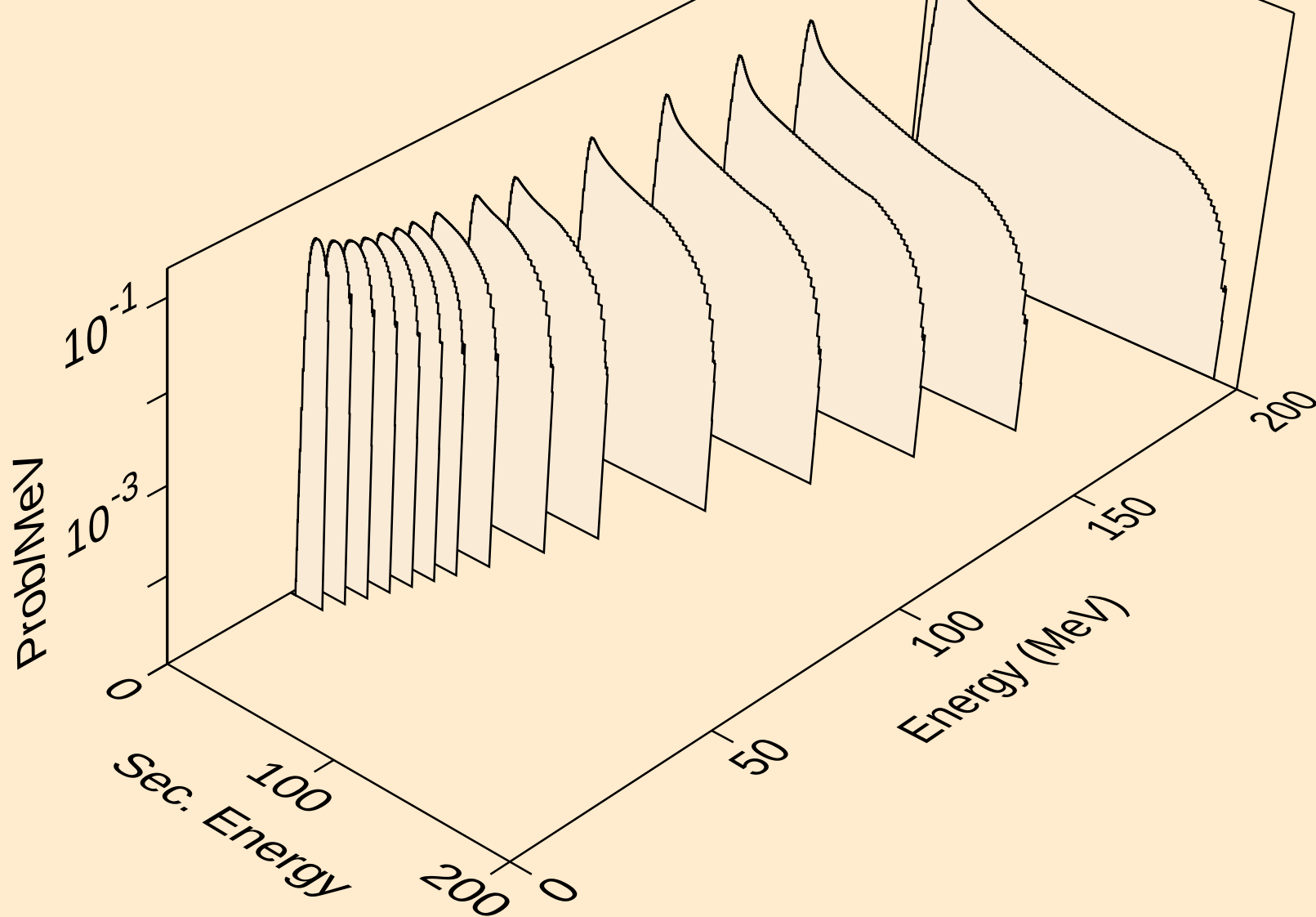
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



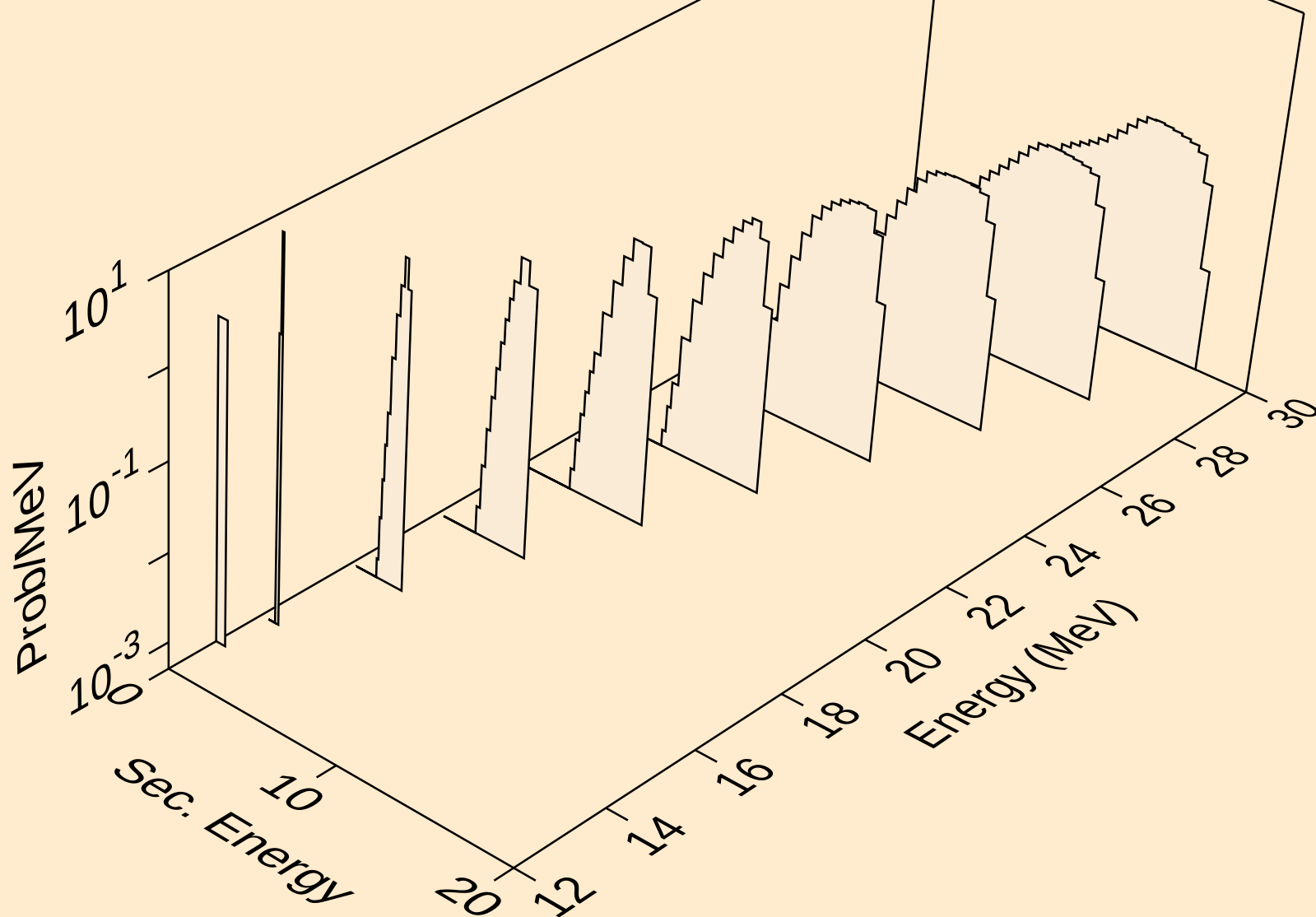
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



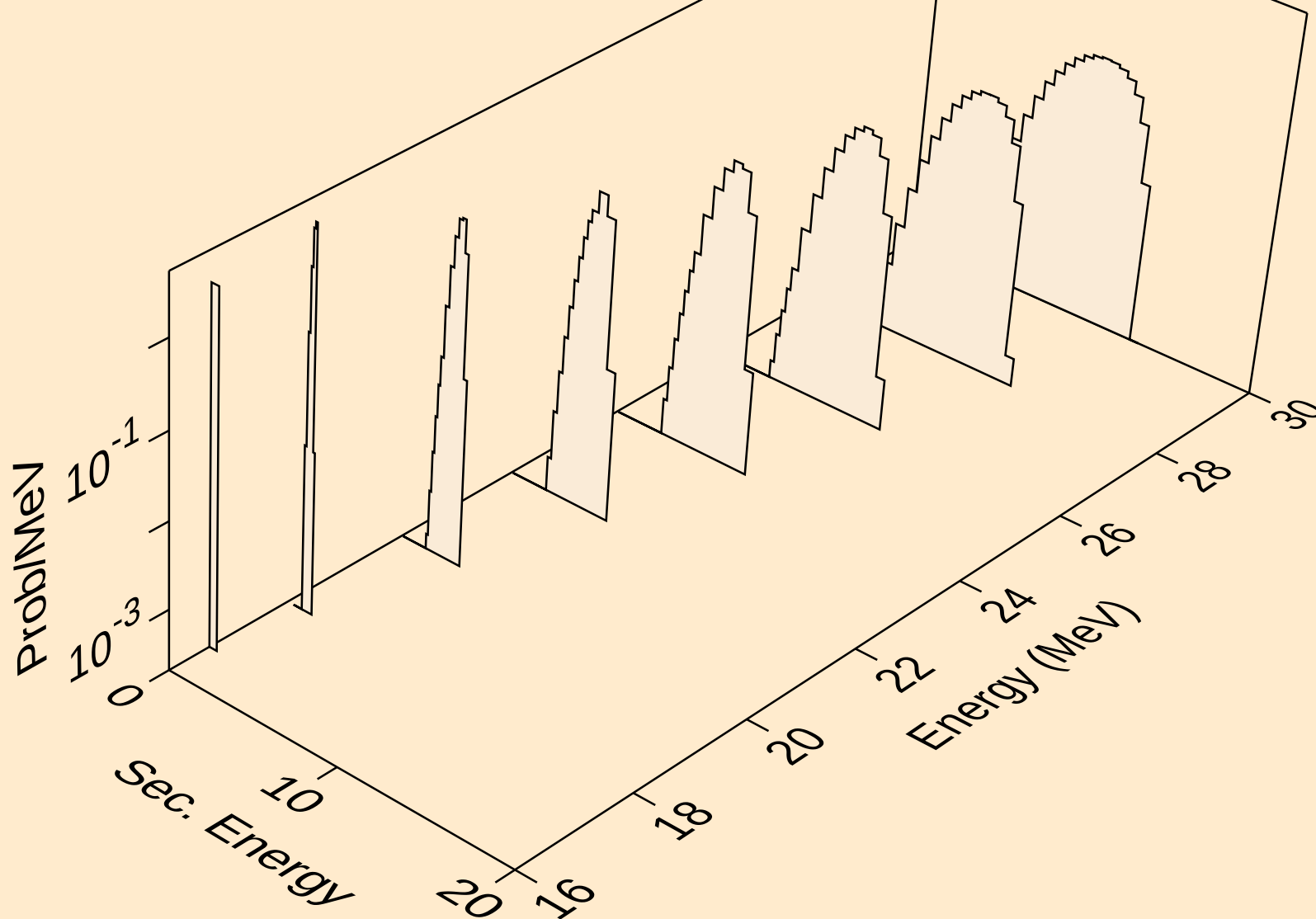
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



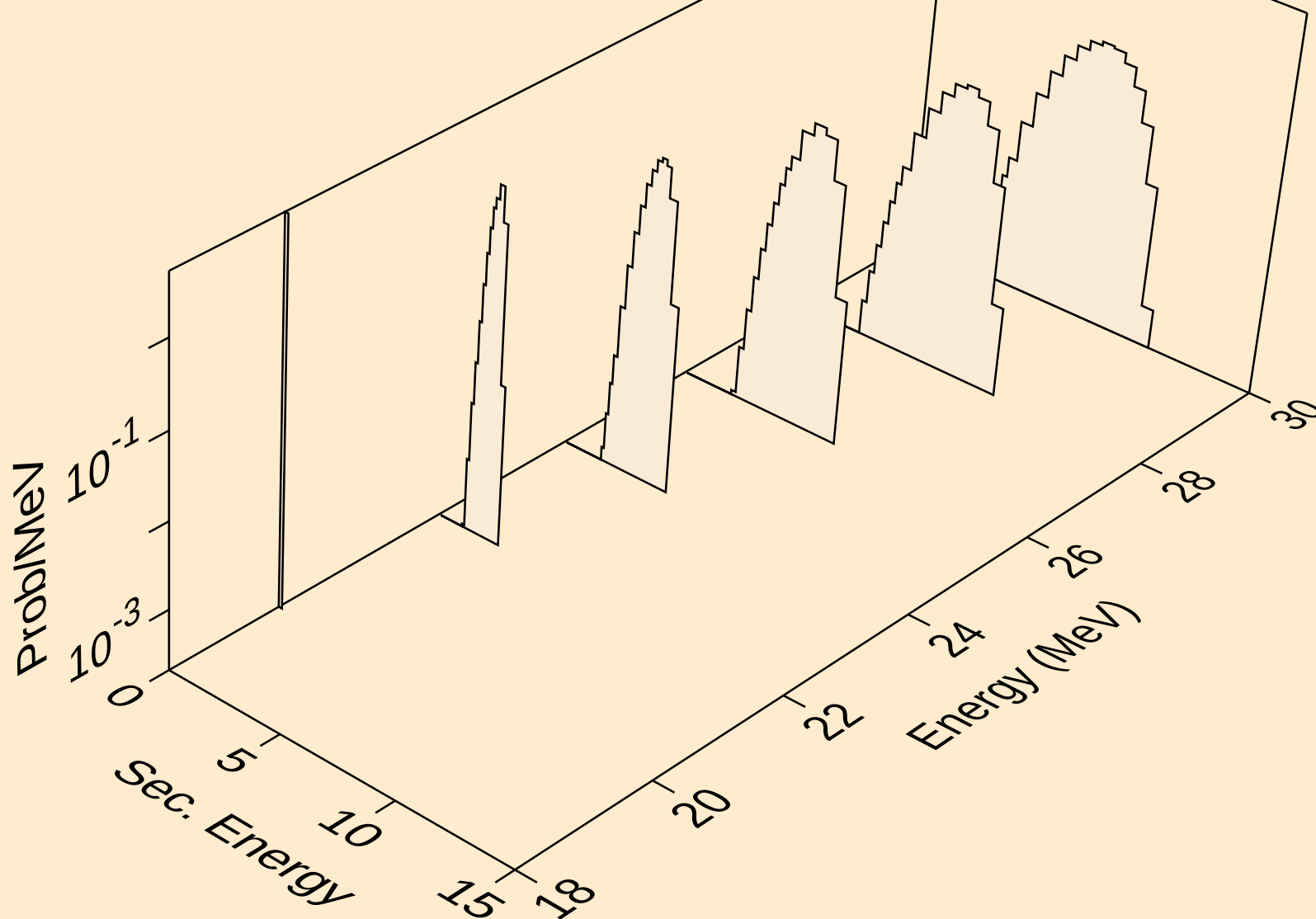
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



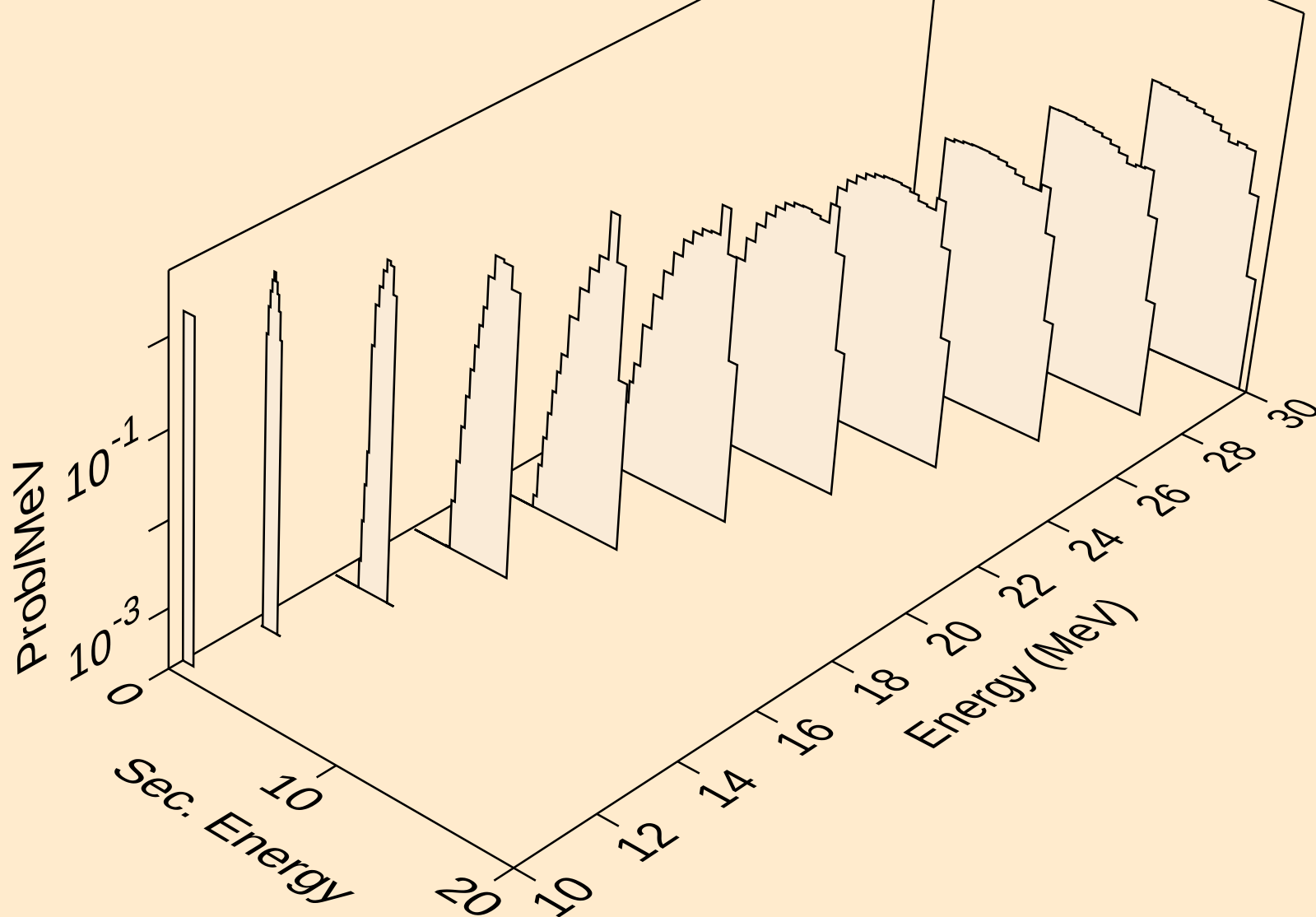
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protons from (n,2np)



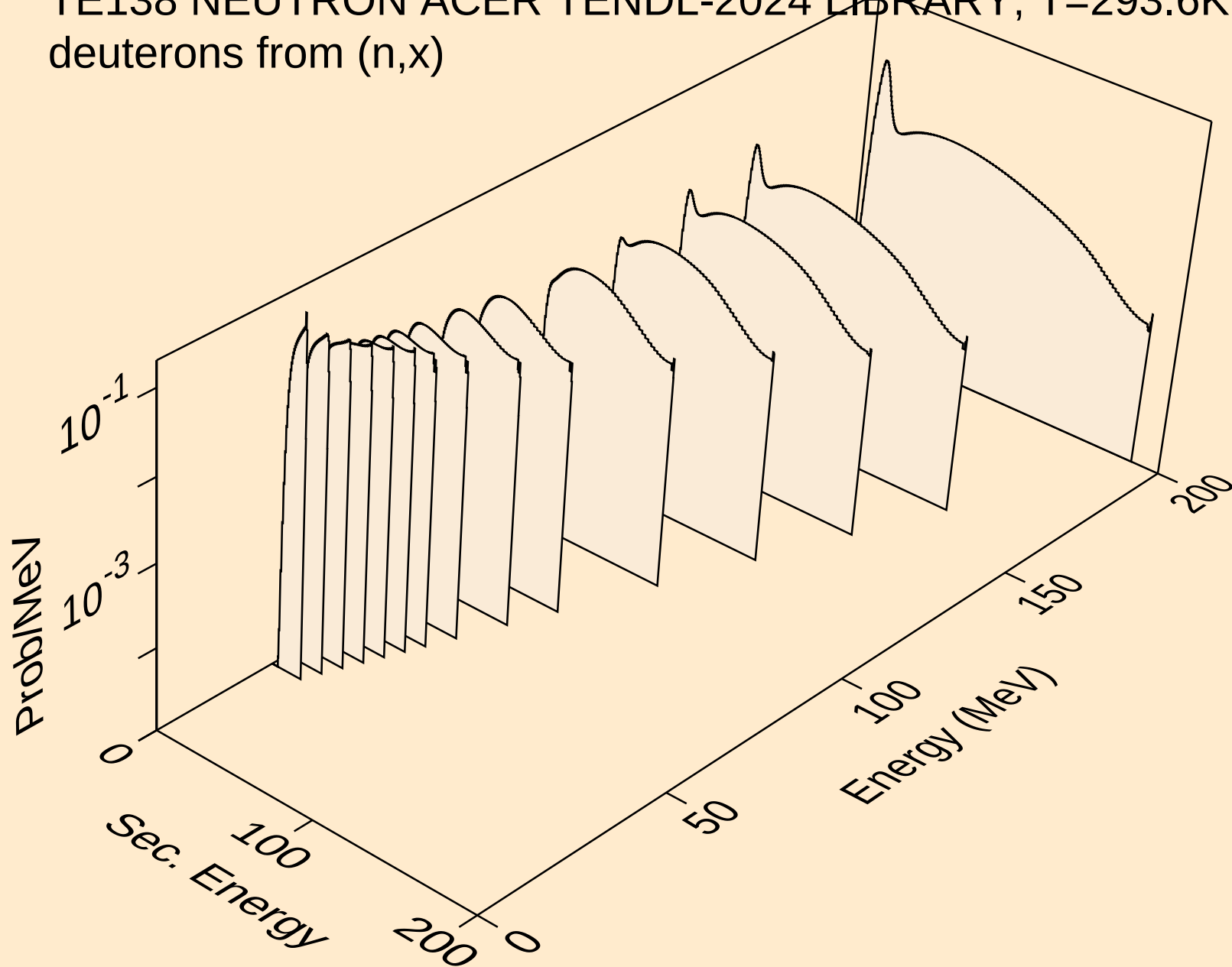
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protons from (n,3np)



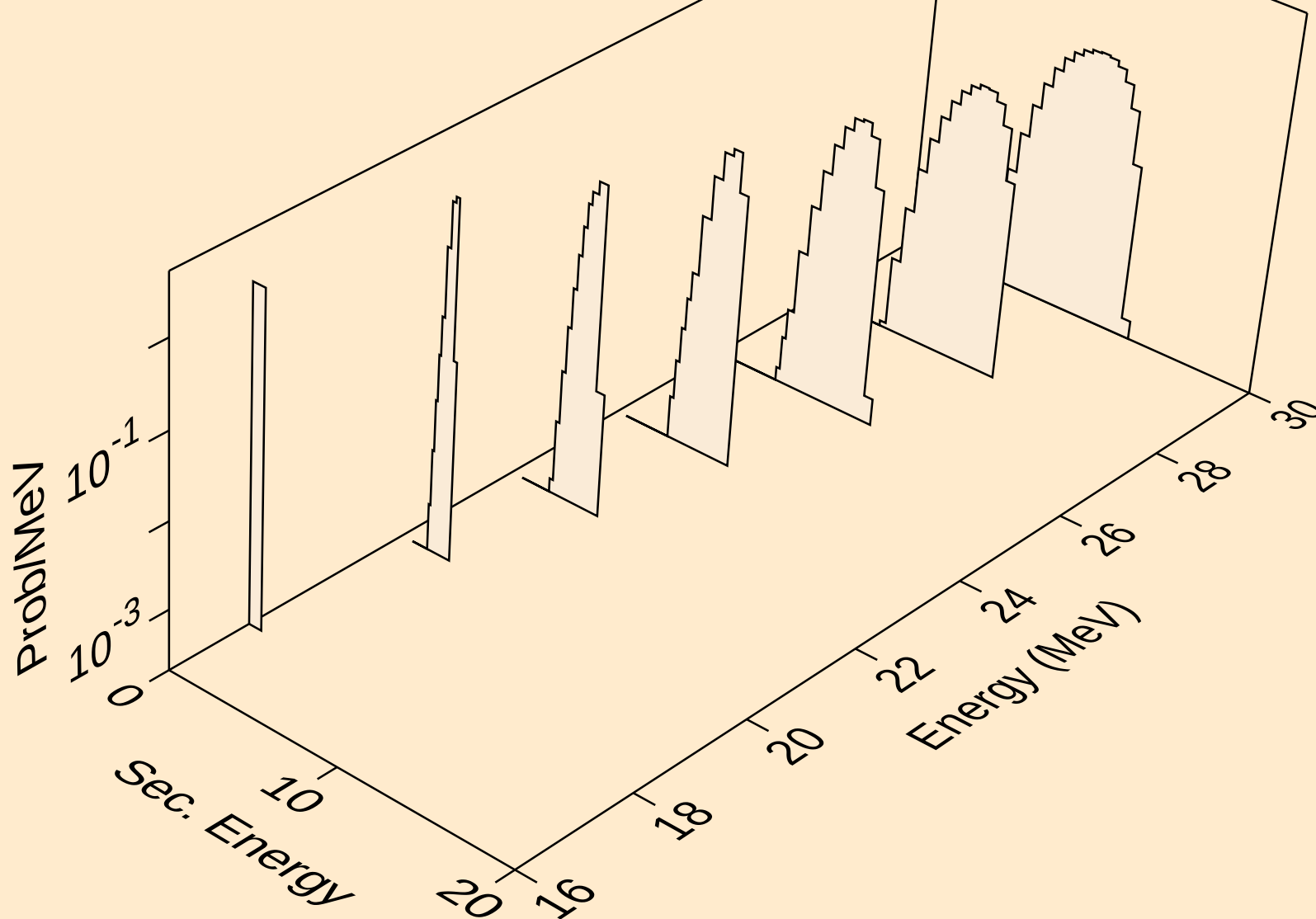
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protons from (n,p)



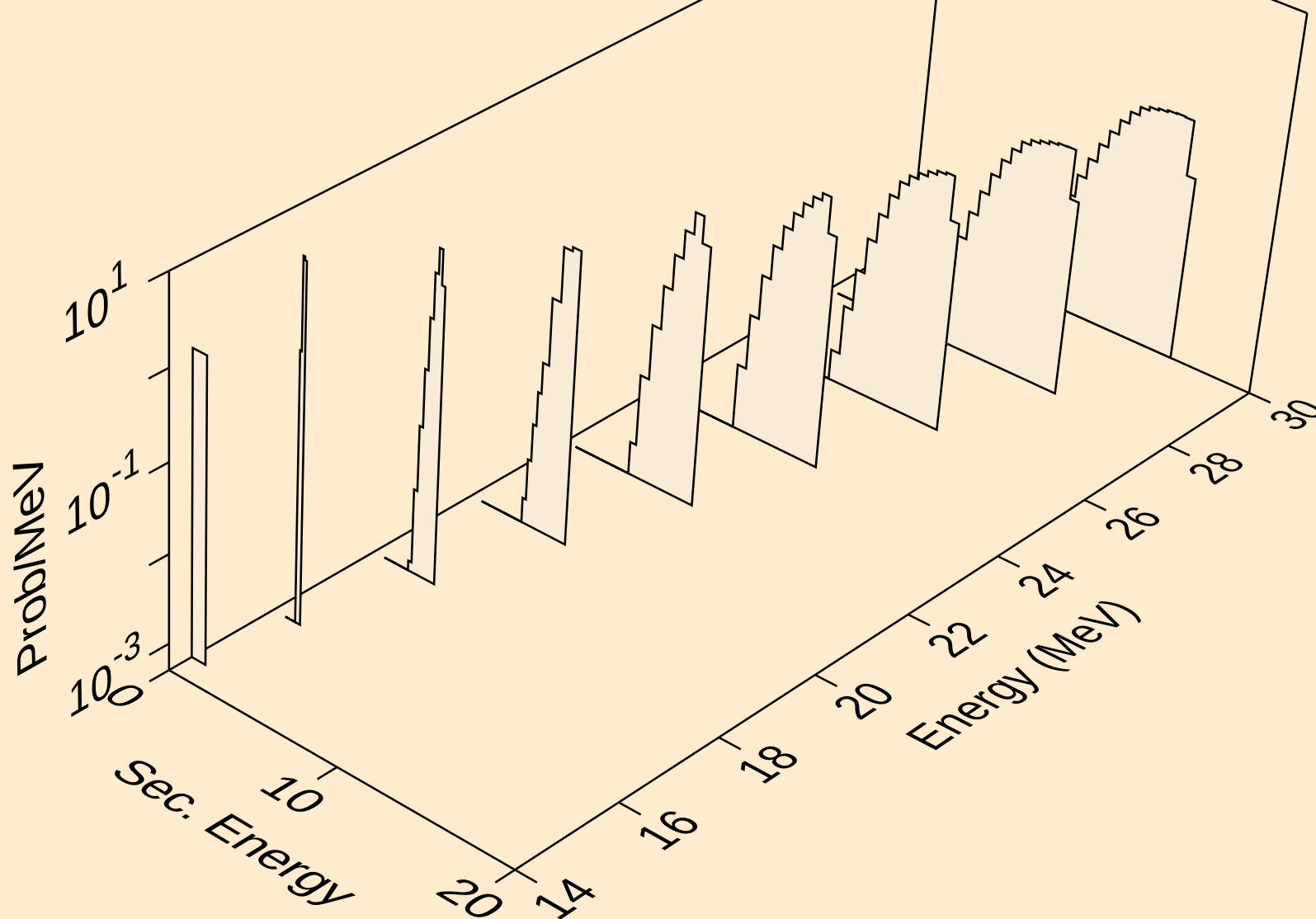
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



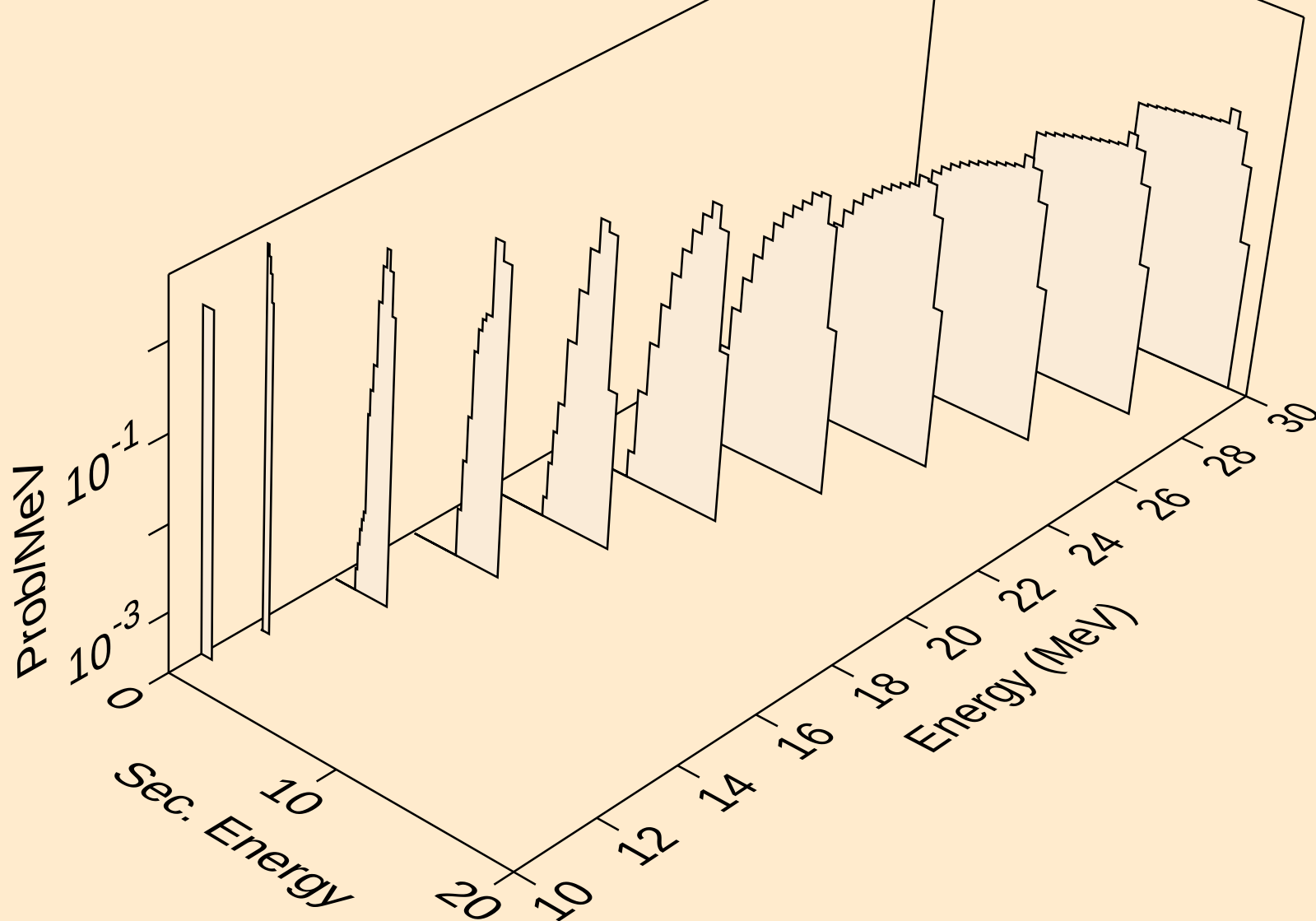
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deuterons from (n,2nd)



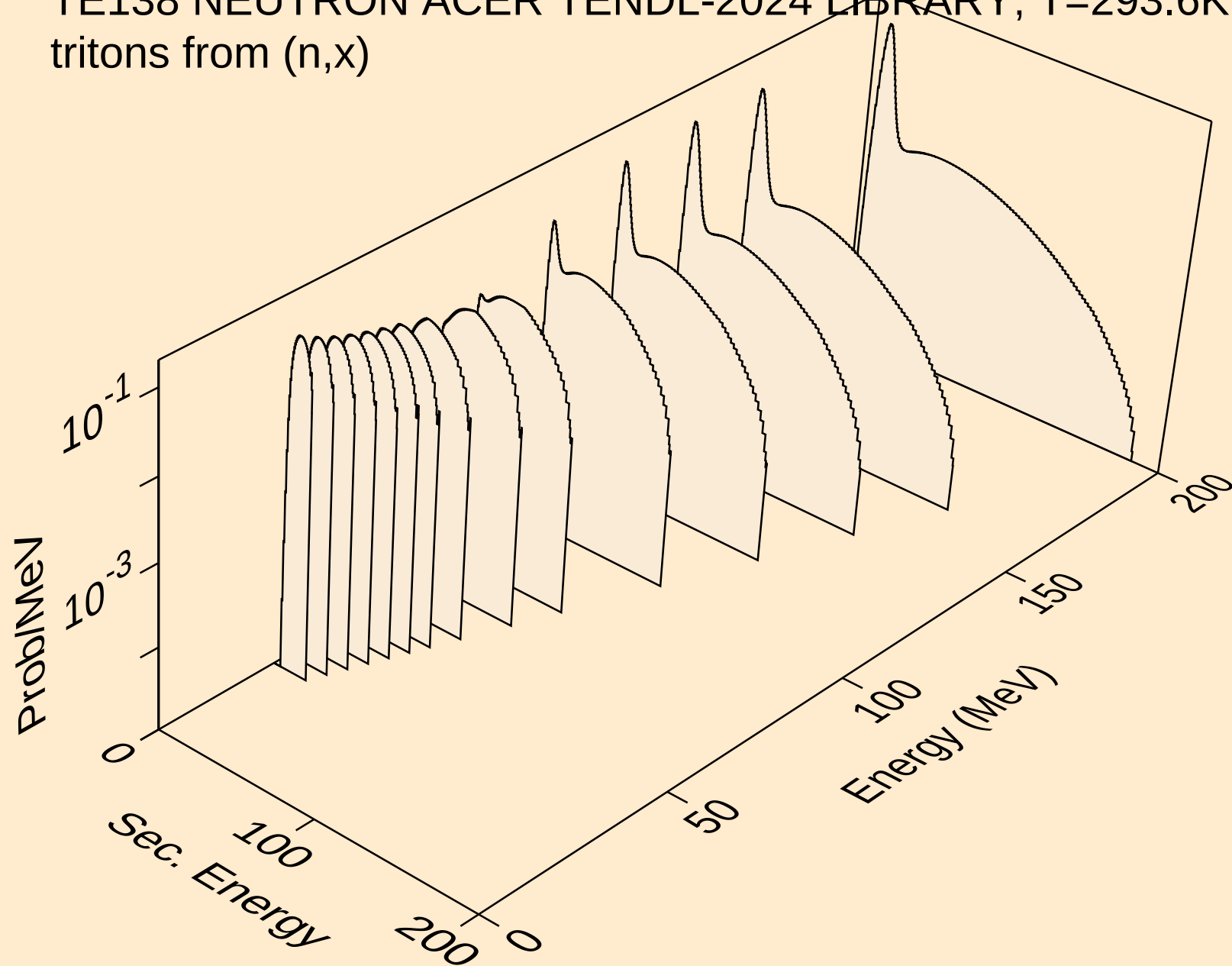
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



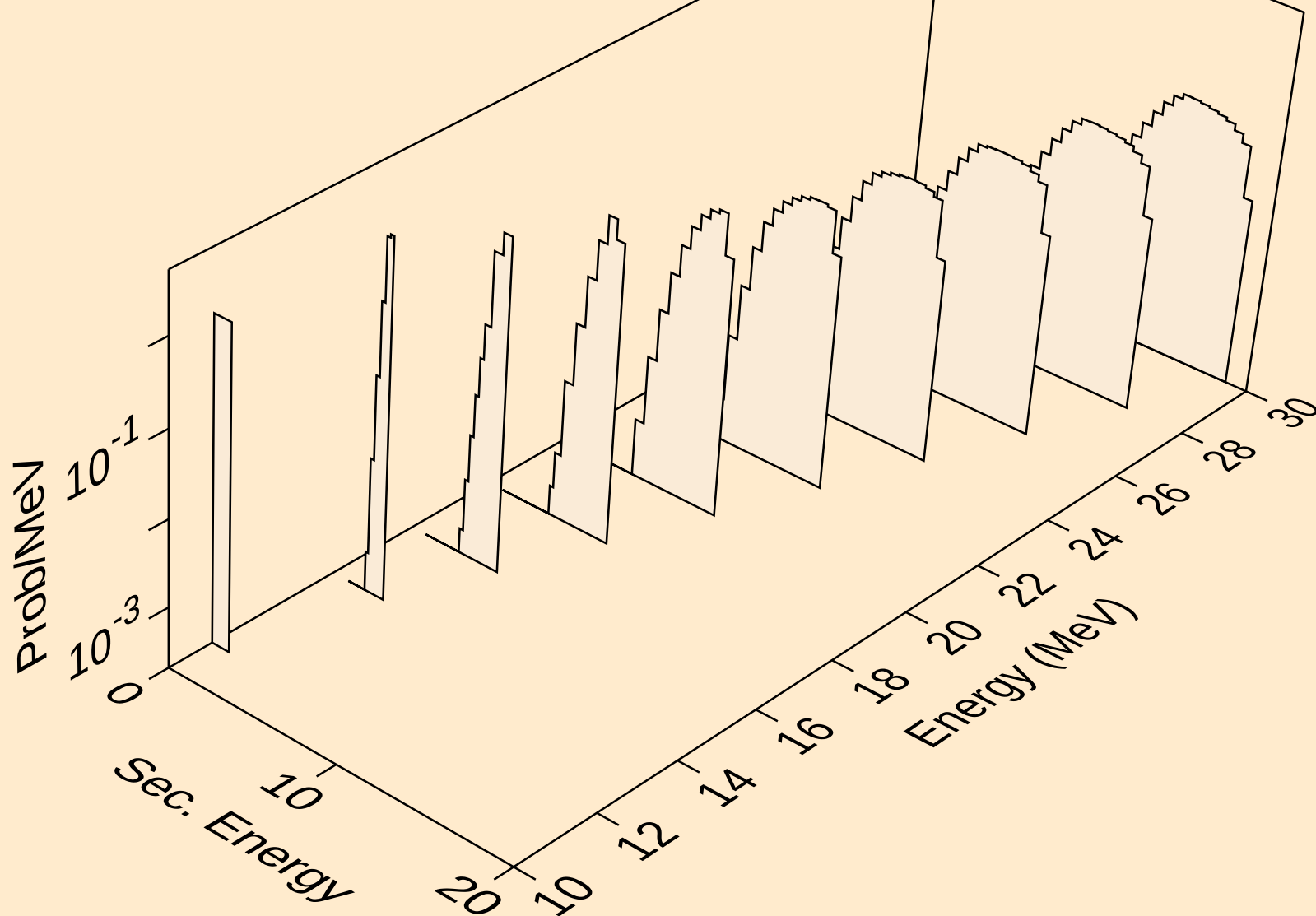
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deuterons from (n,d)



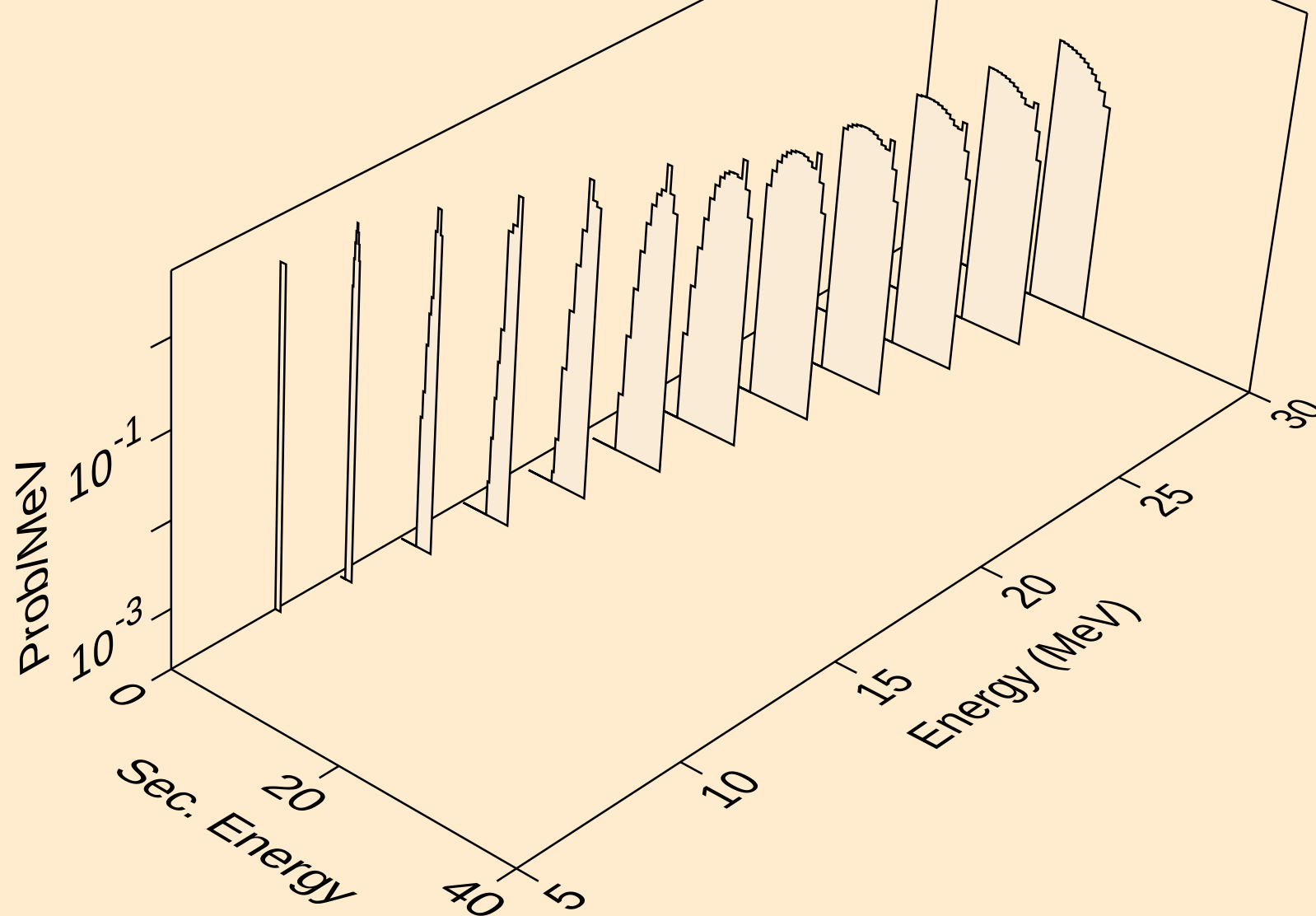
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tritons from (n,x)



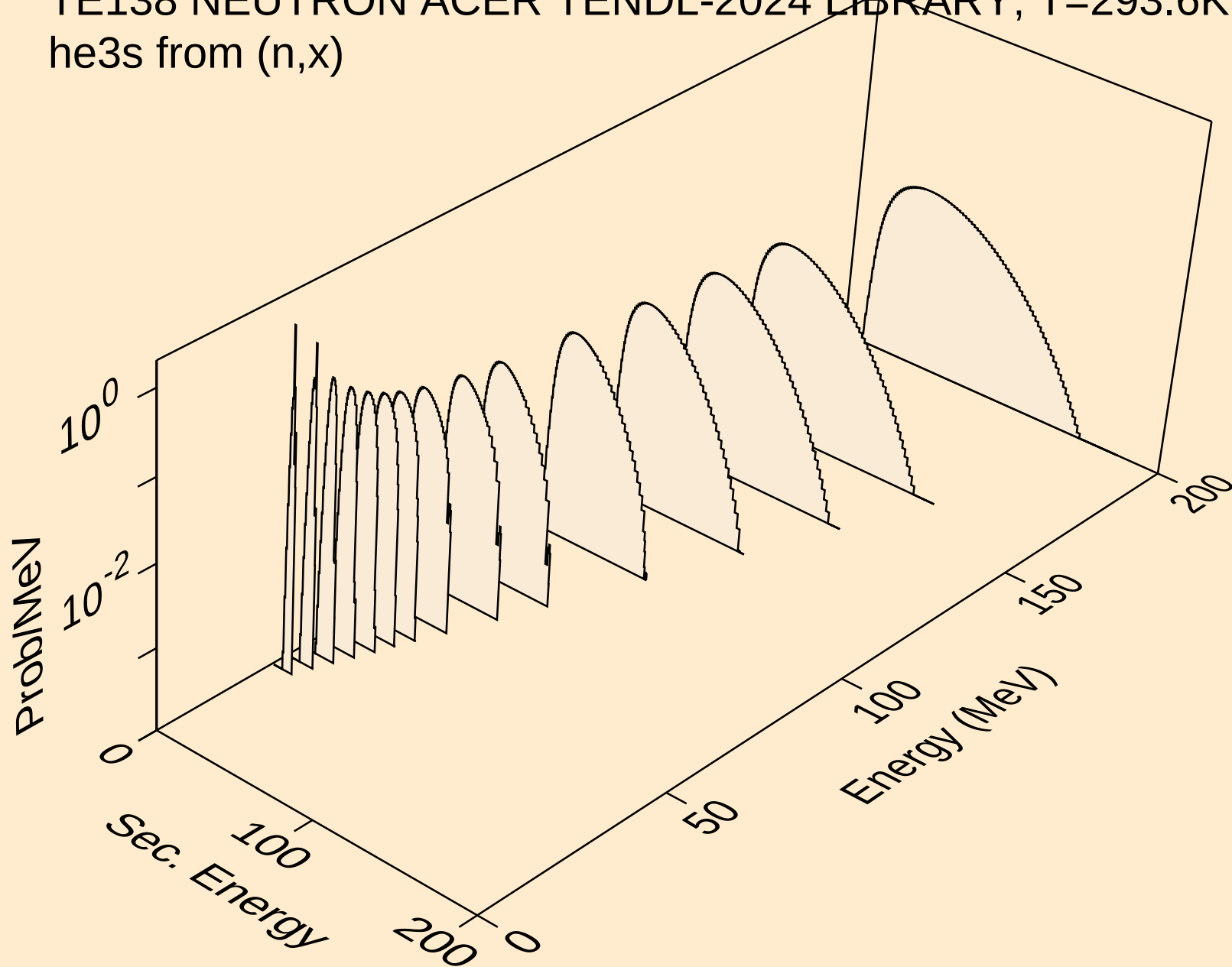
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



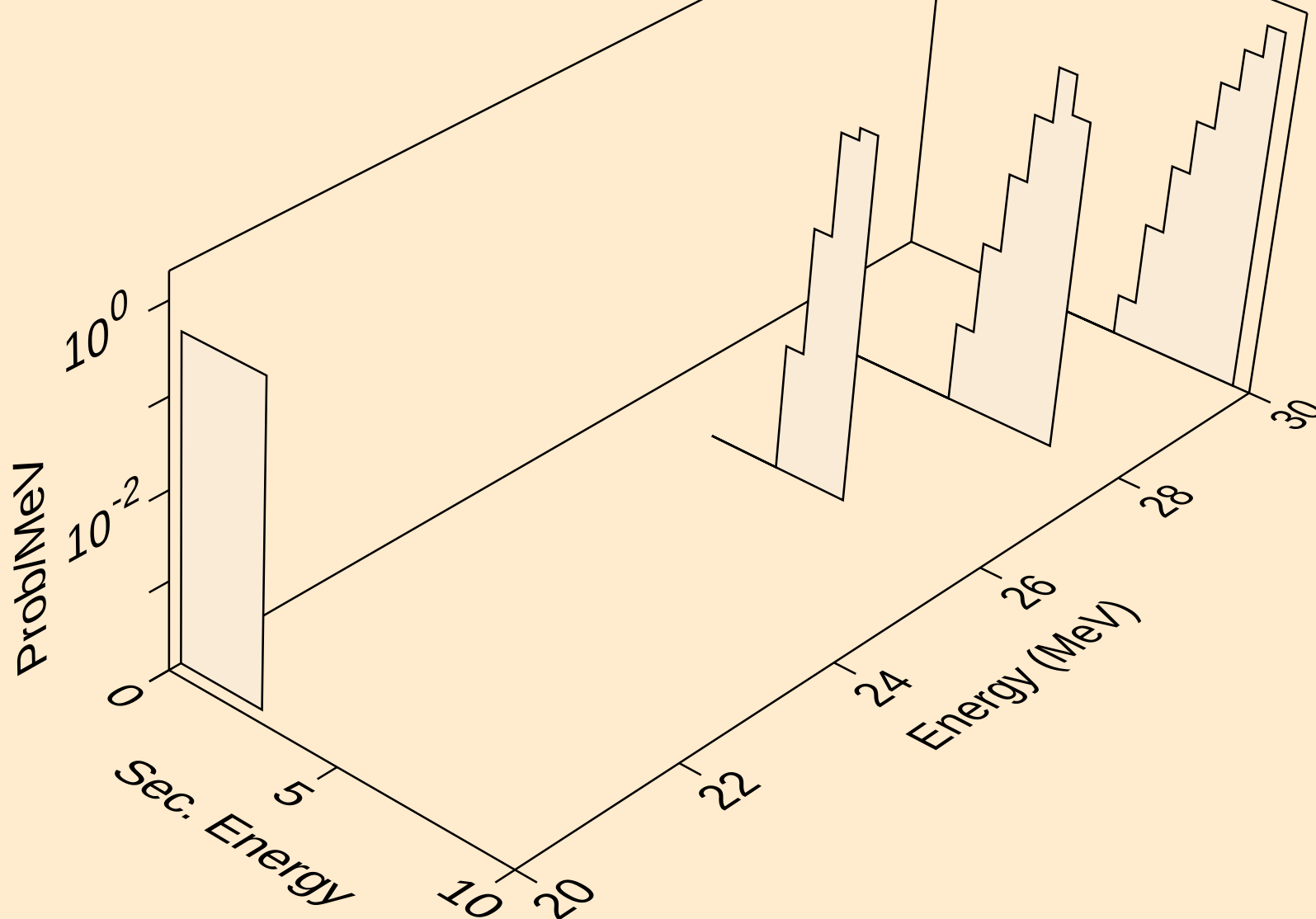
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tritons from (n,t)



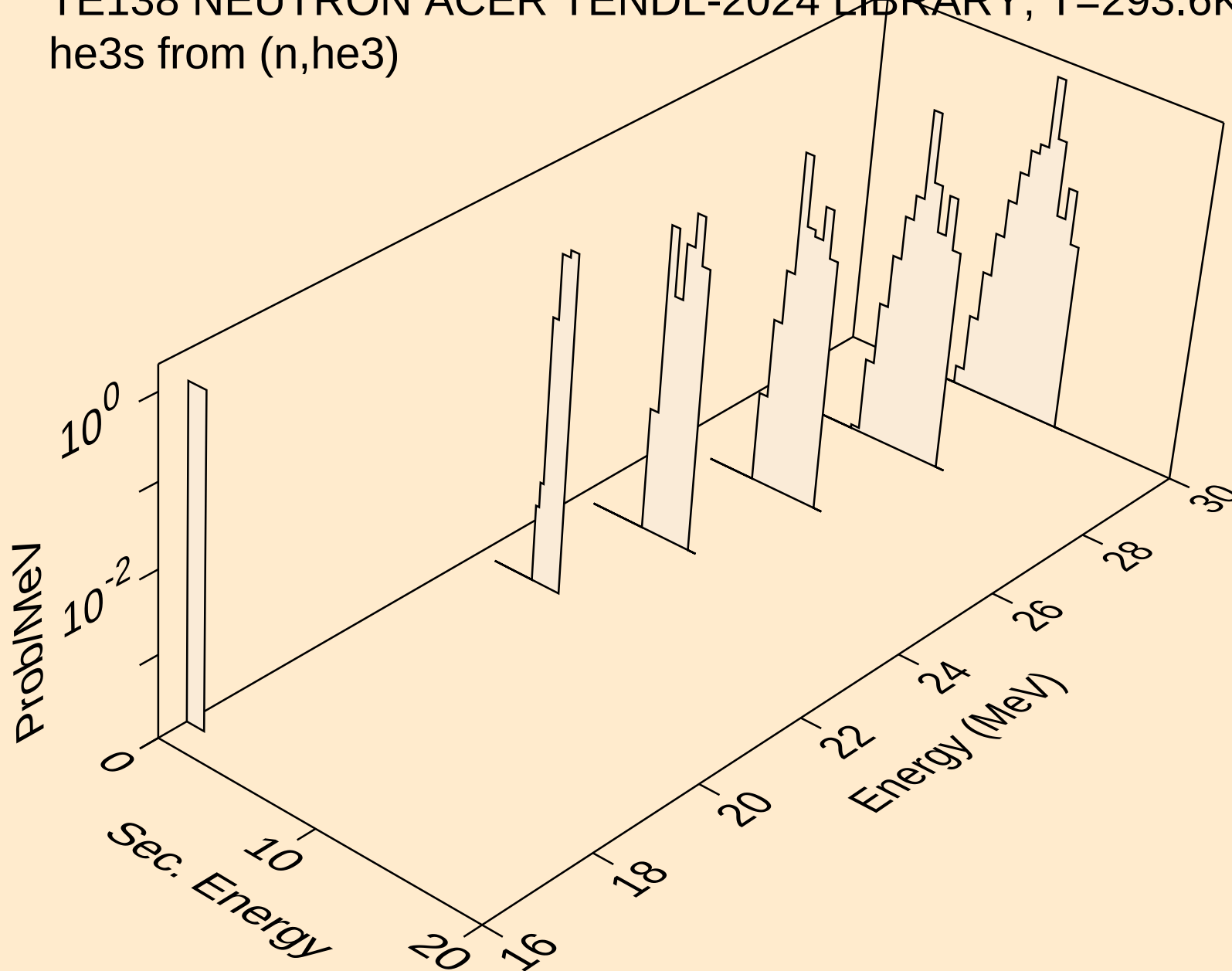
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



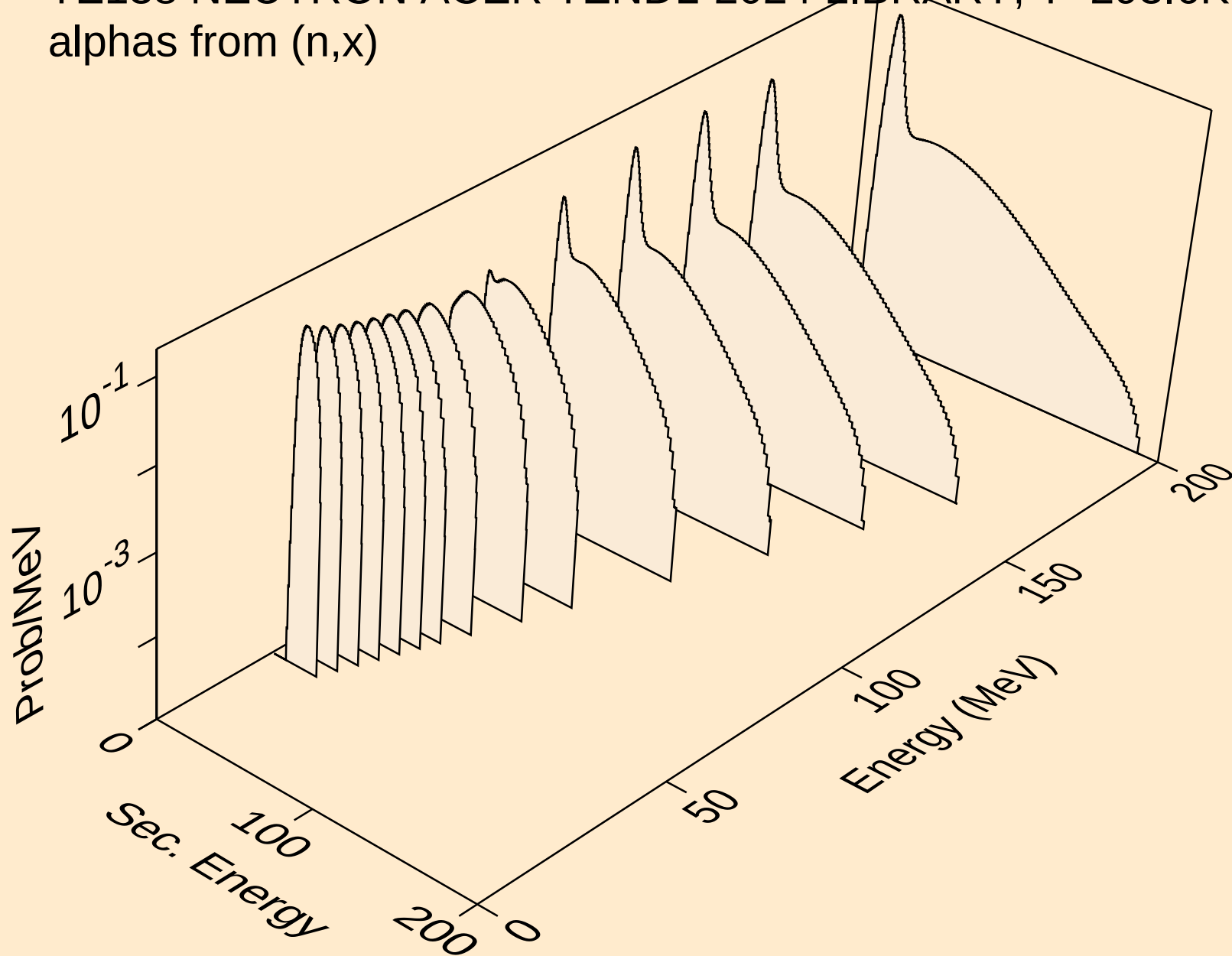
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he3s from (n,n*)he3



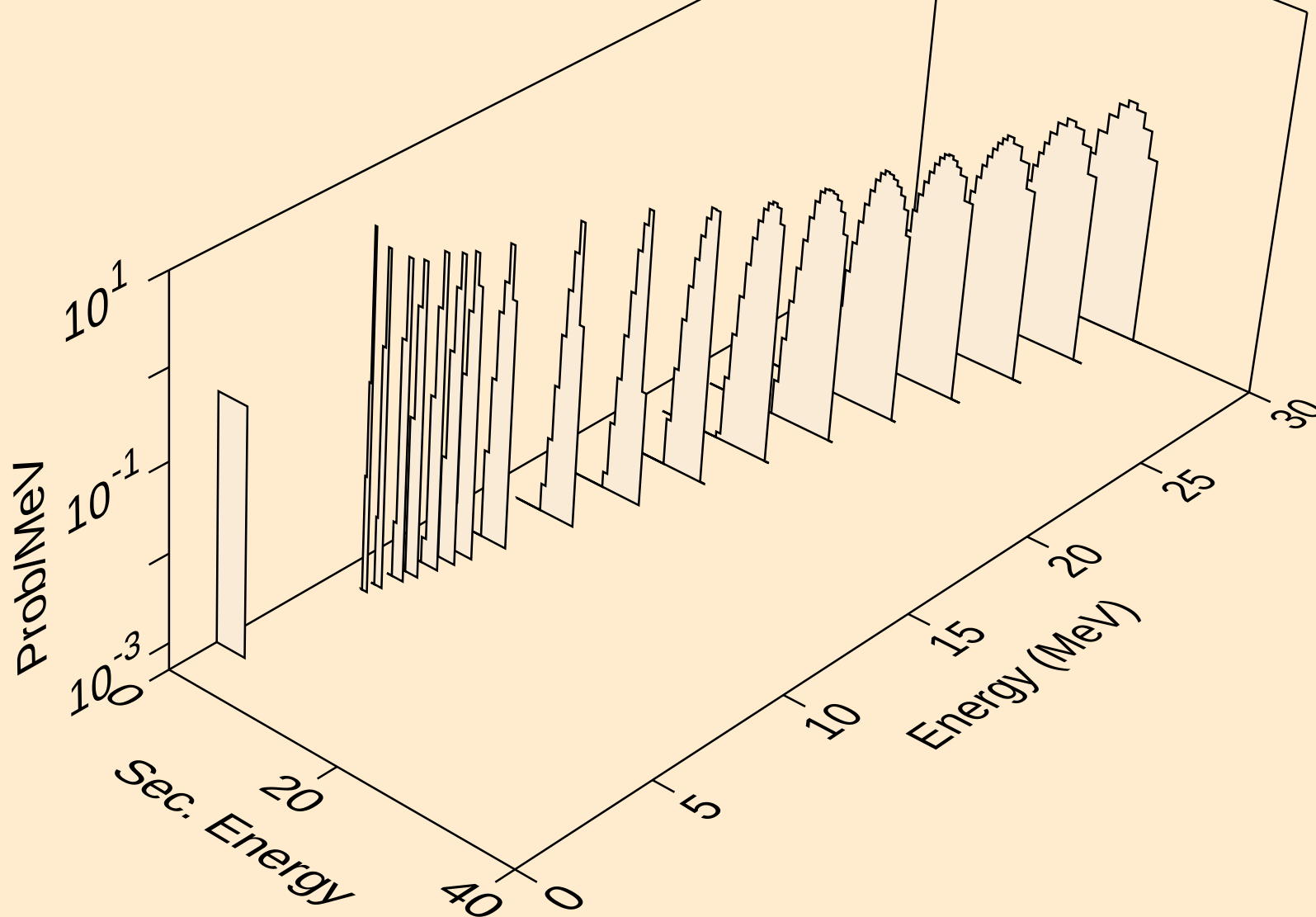
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he3s from (n,he3)



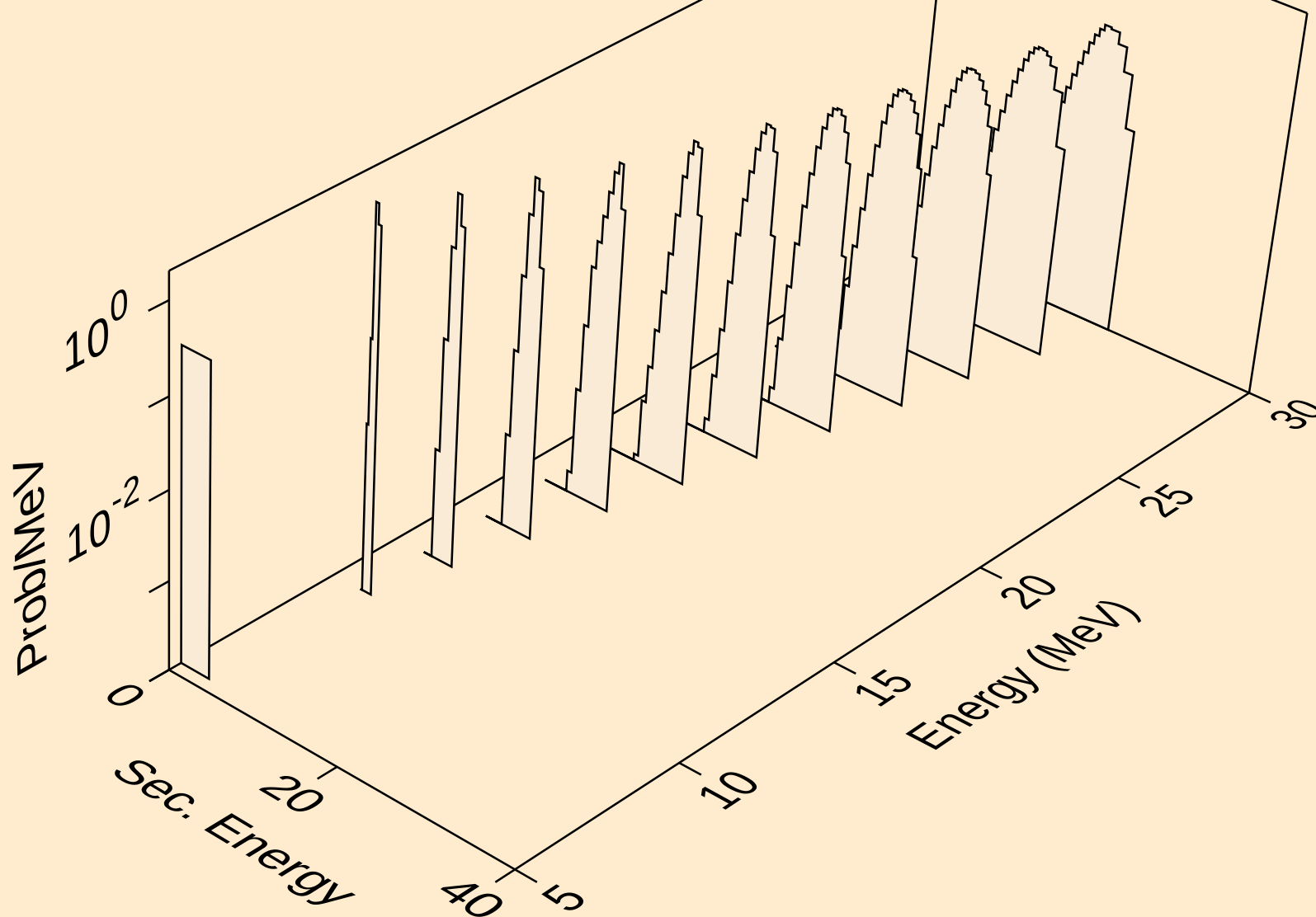
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



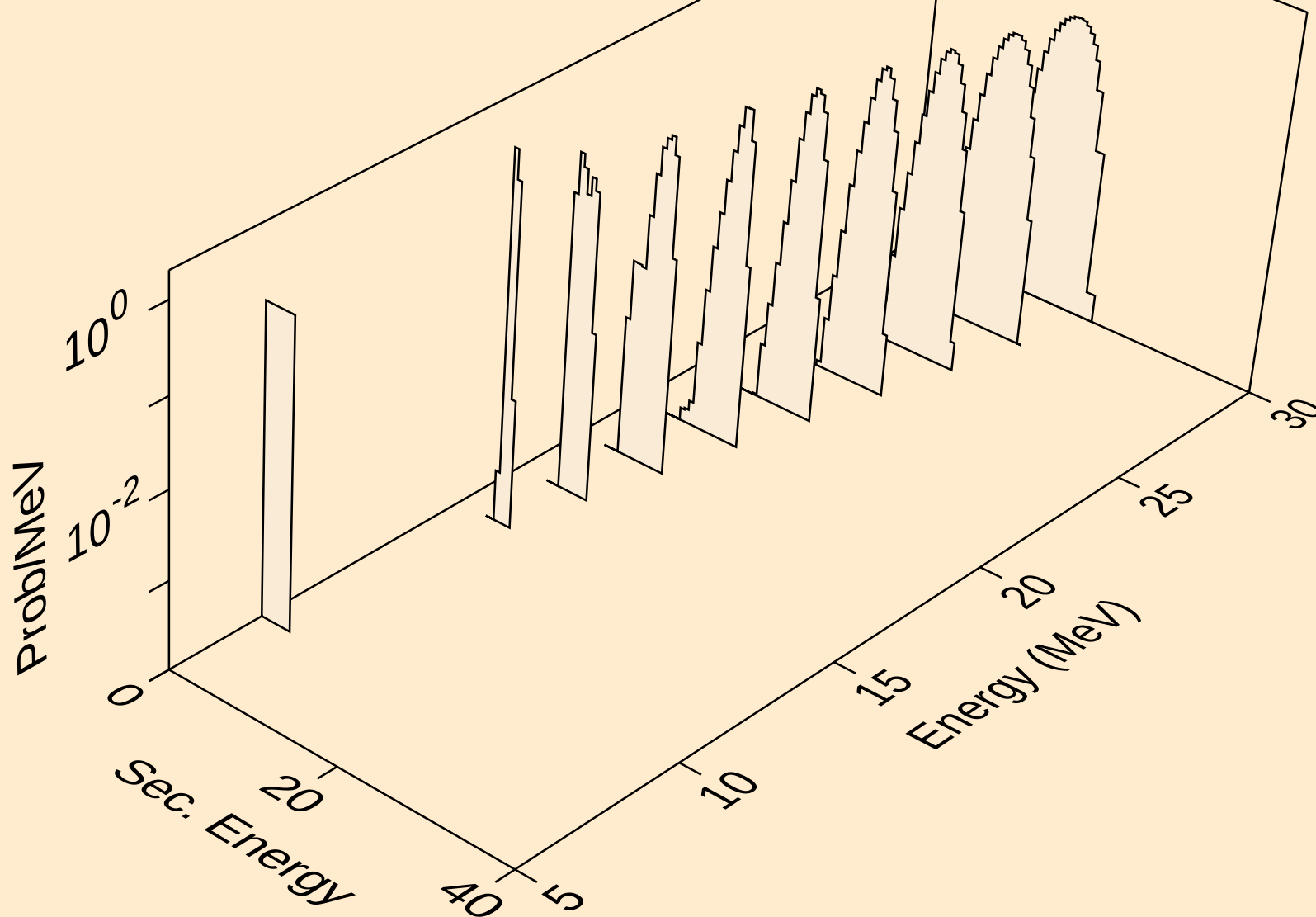
TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



TE138 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)

