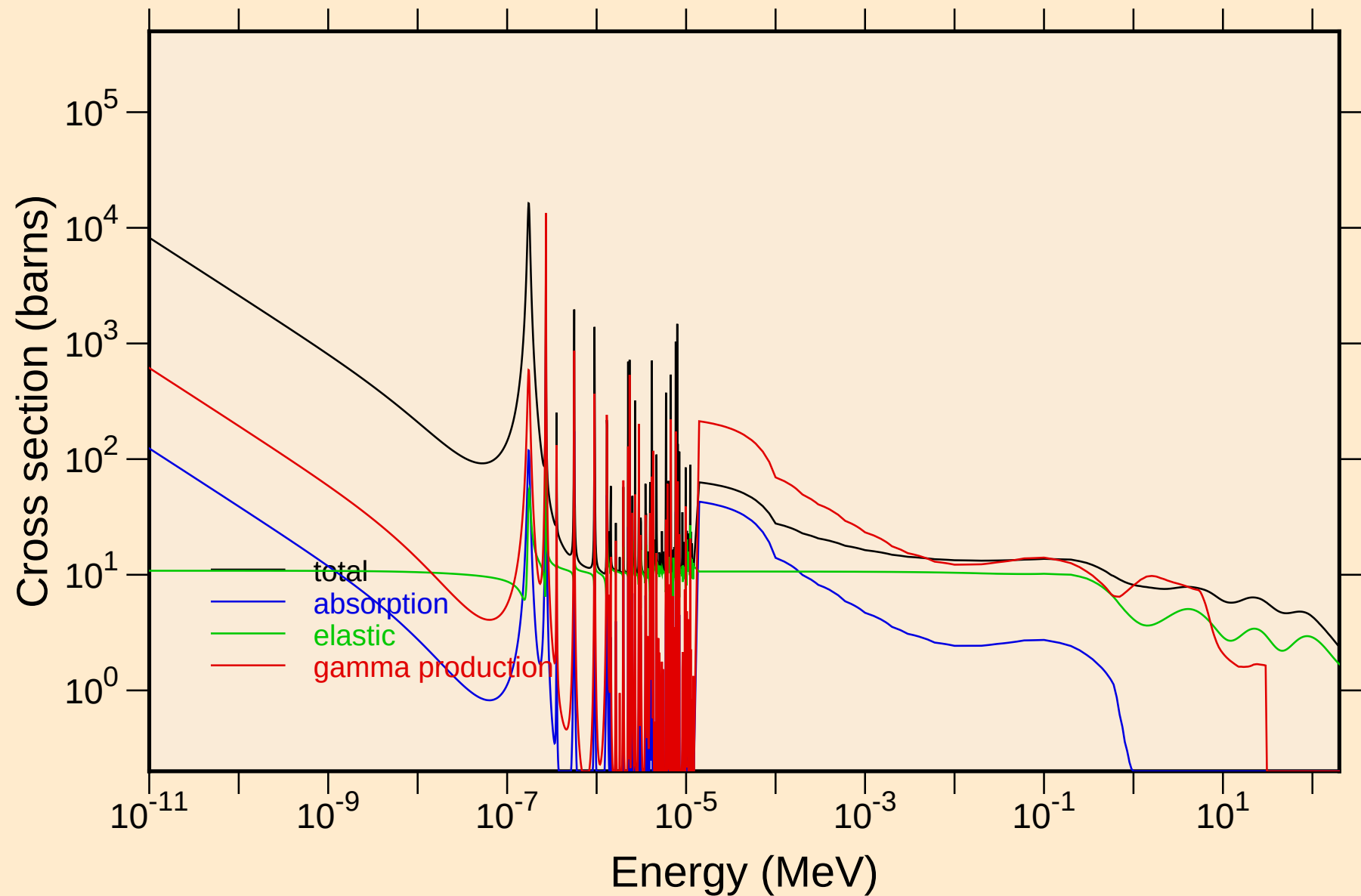
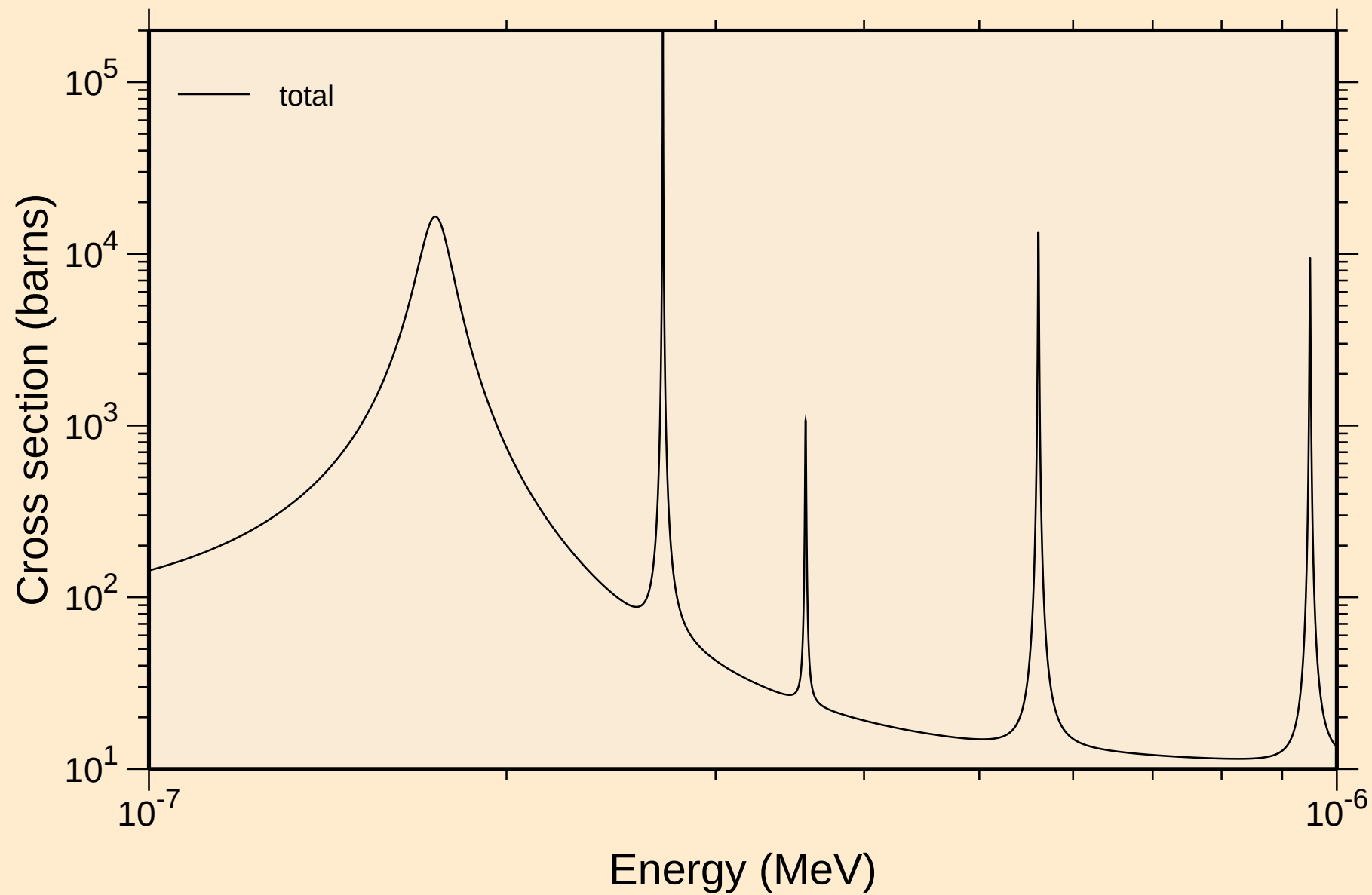


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

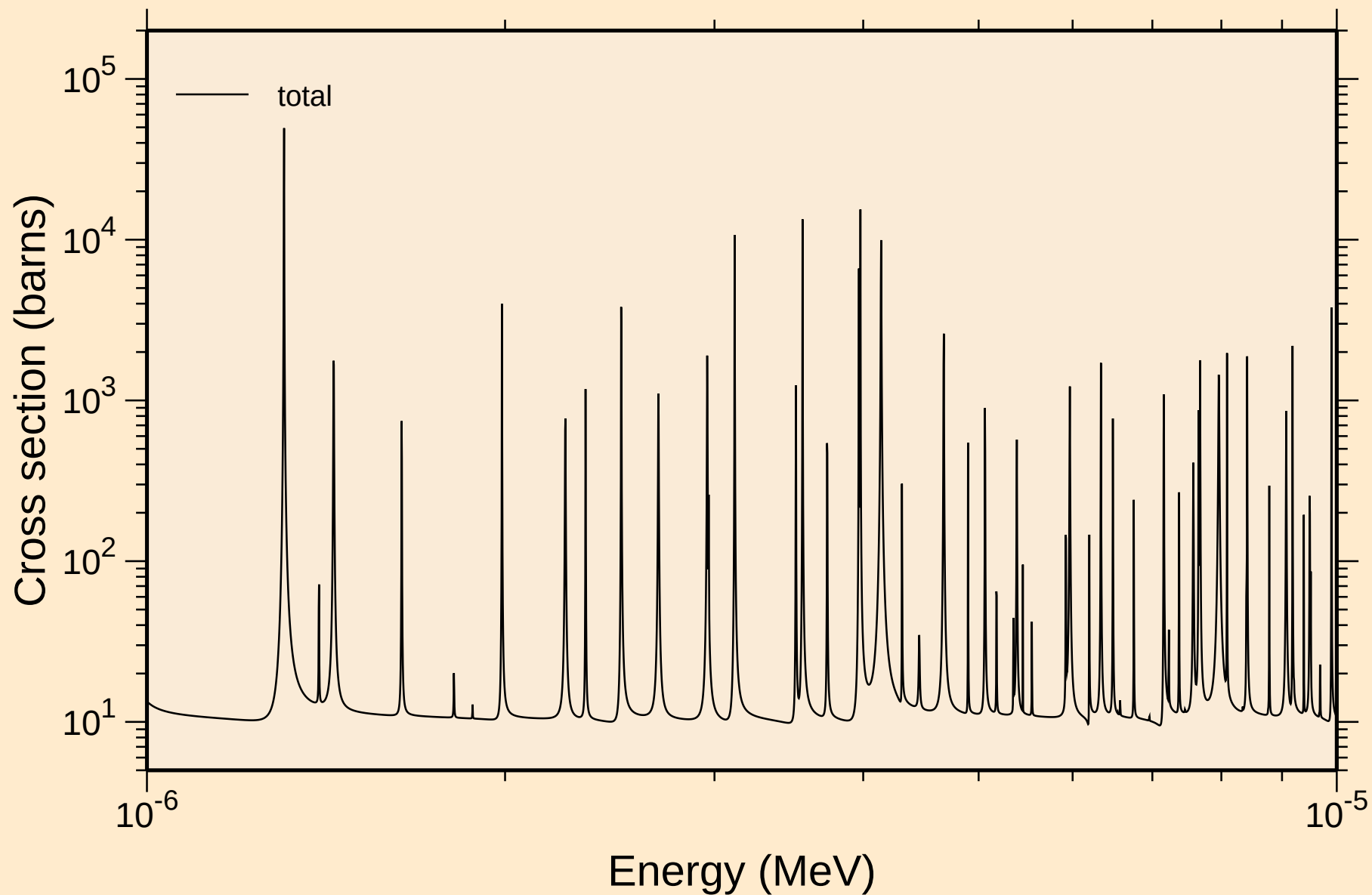
Principal cross sections



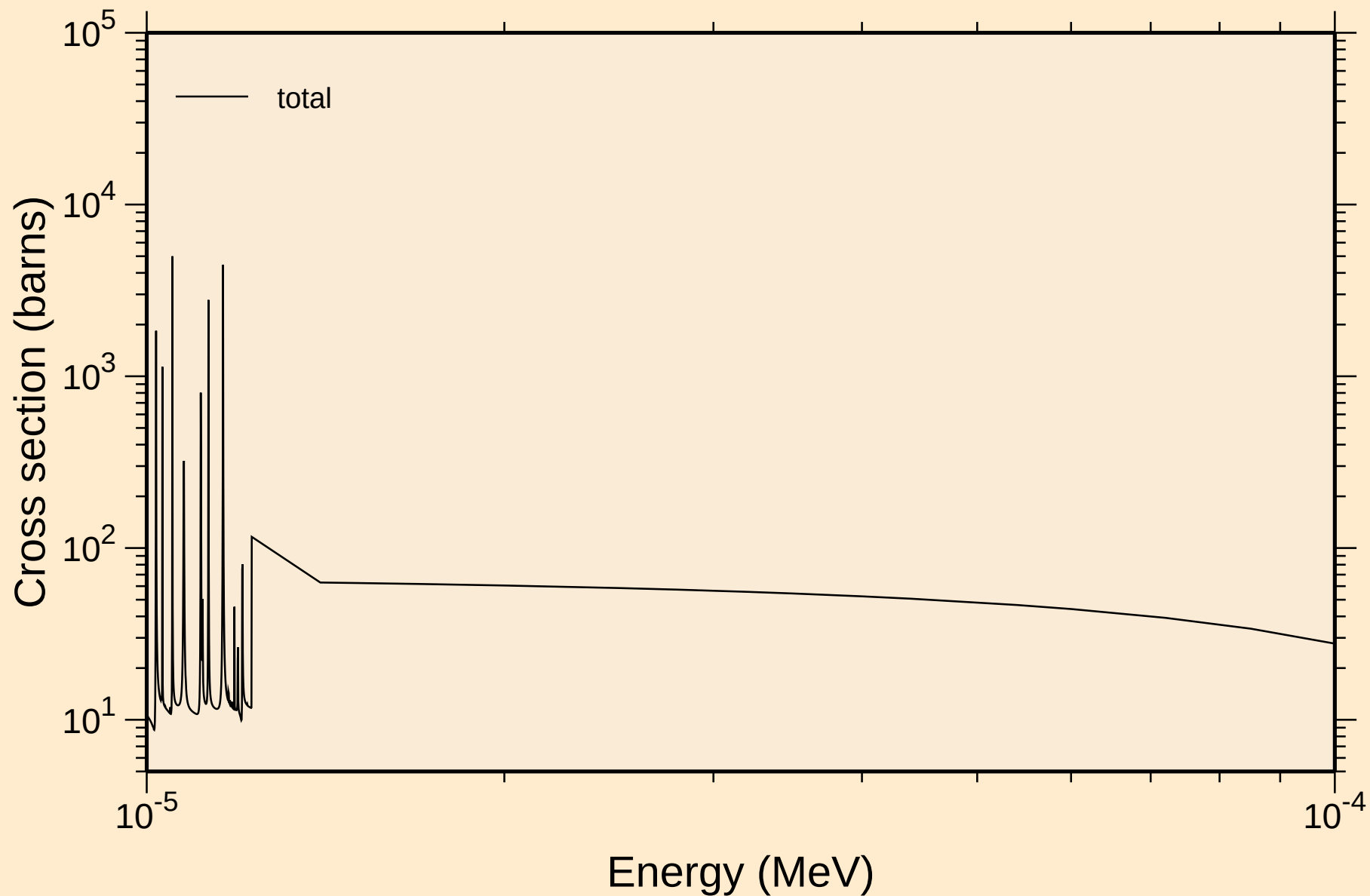
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



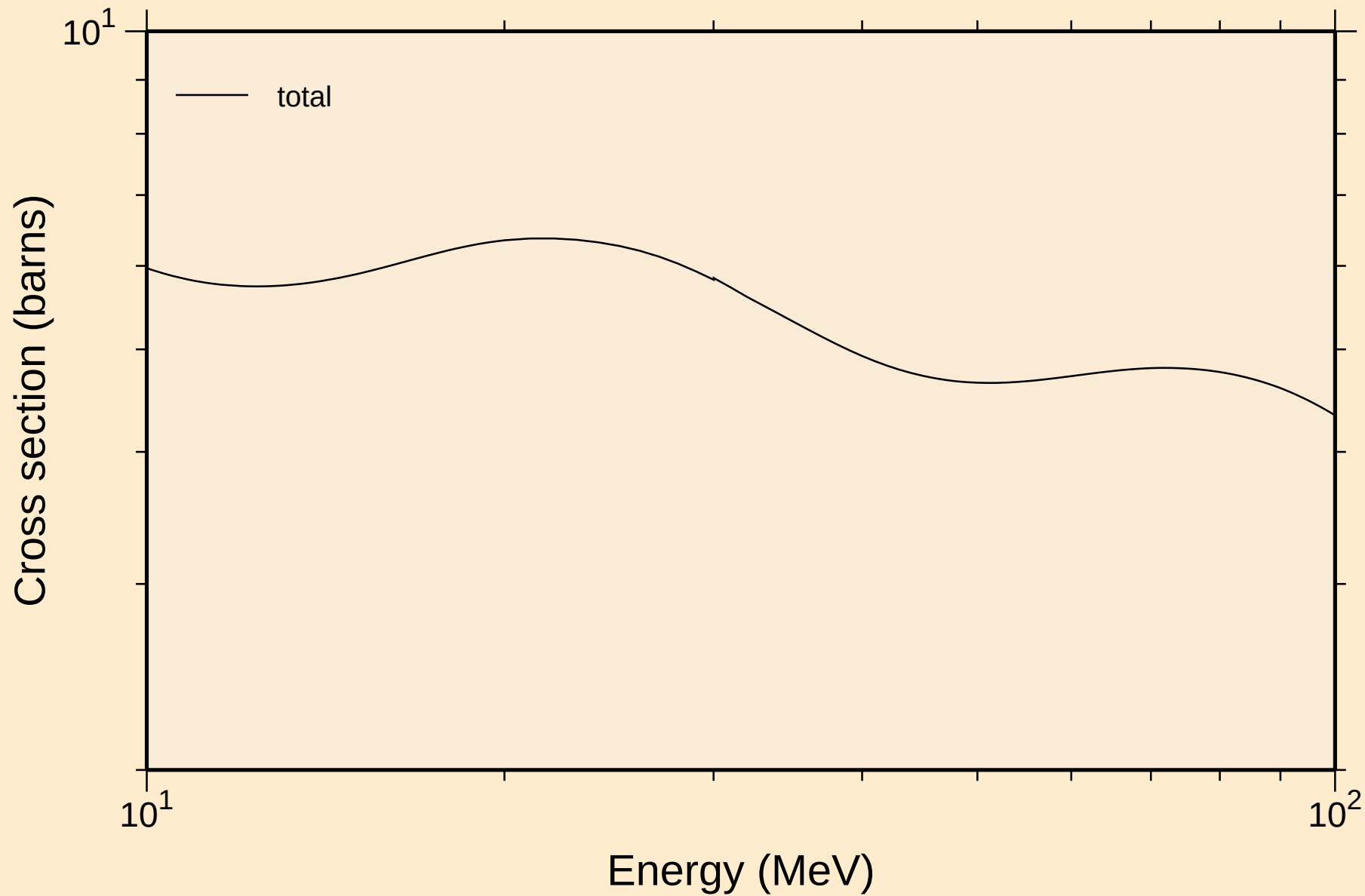
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



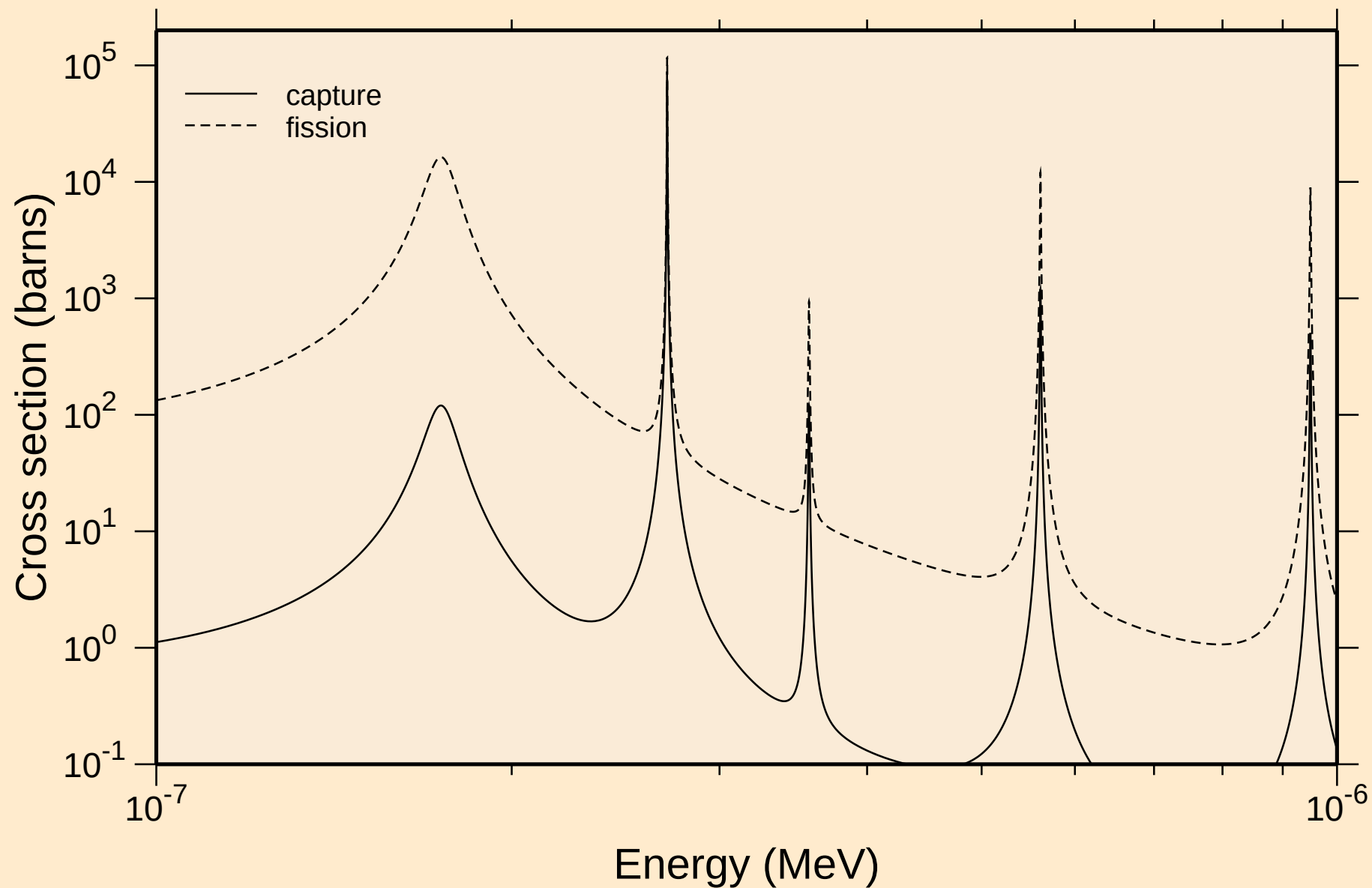
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resonance total cross section



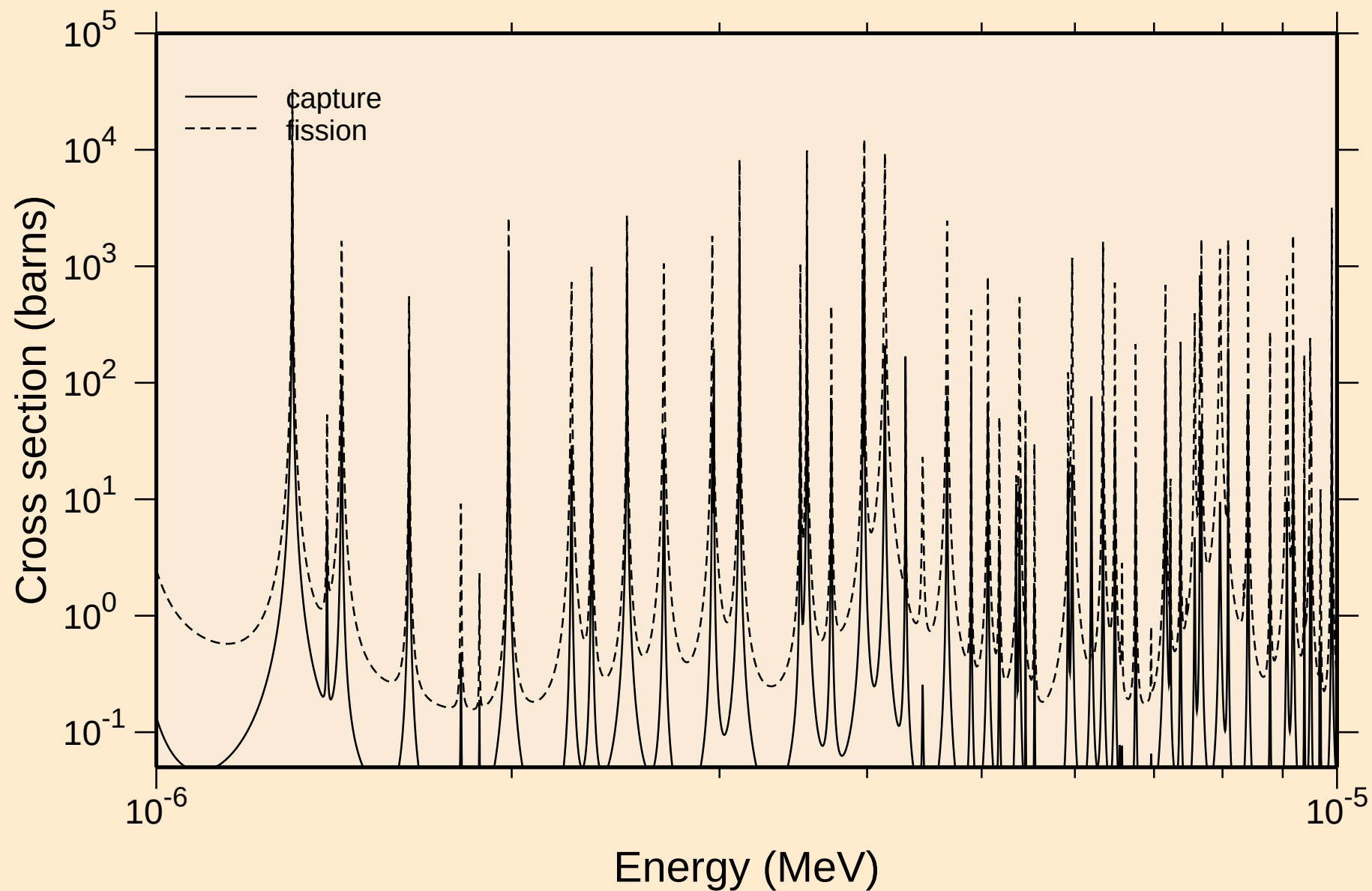
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



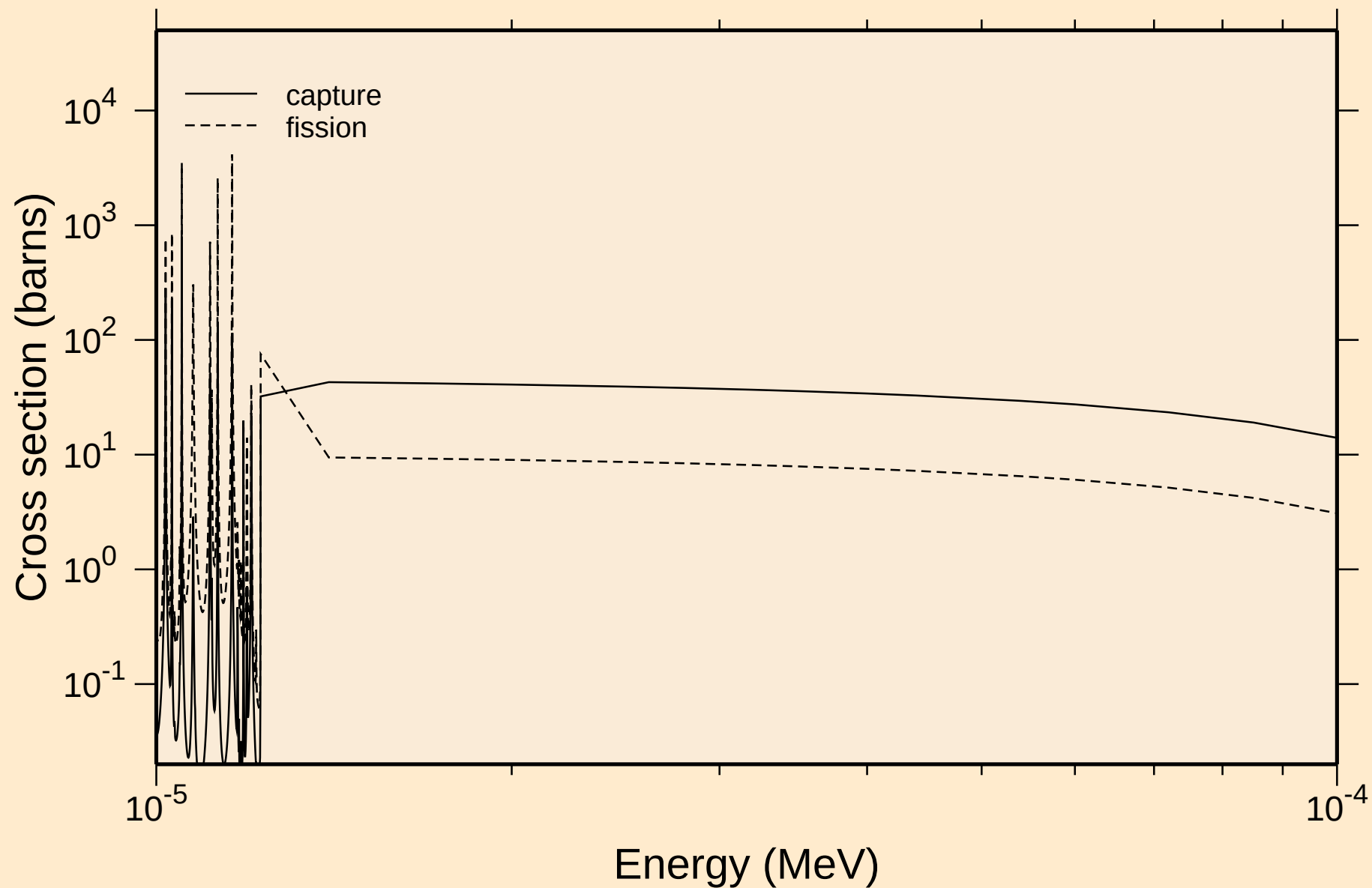
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



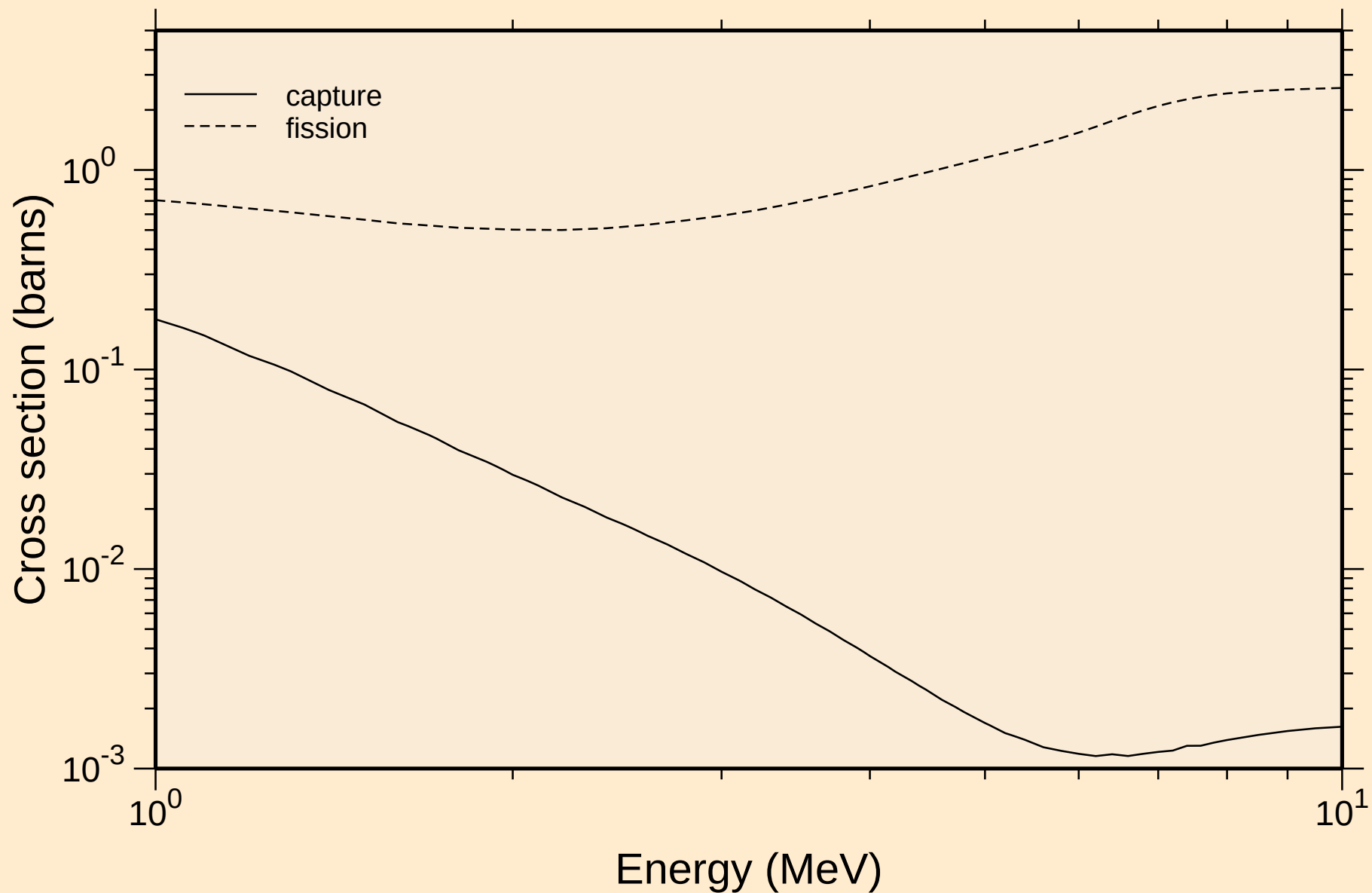
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

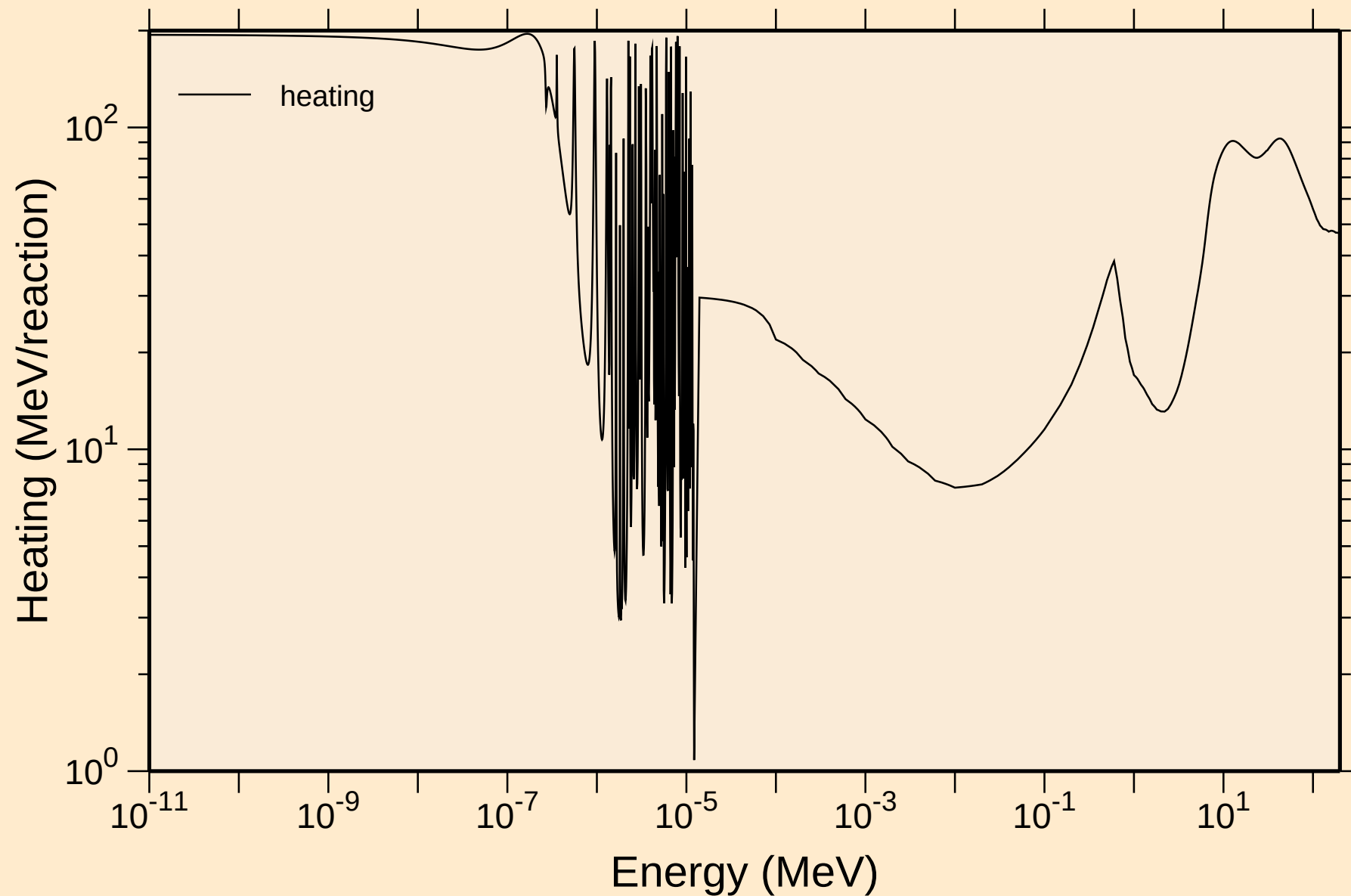


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



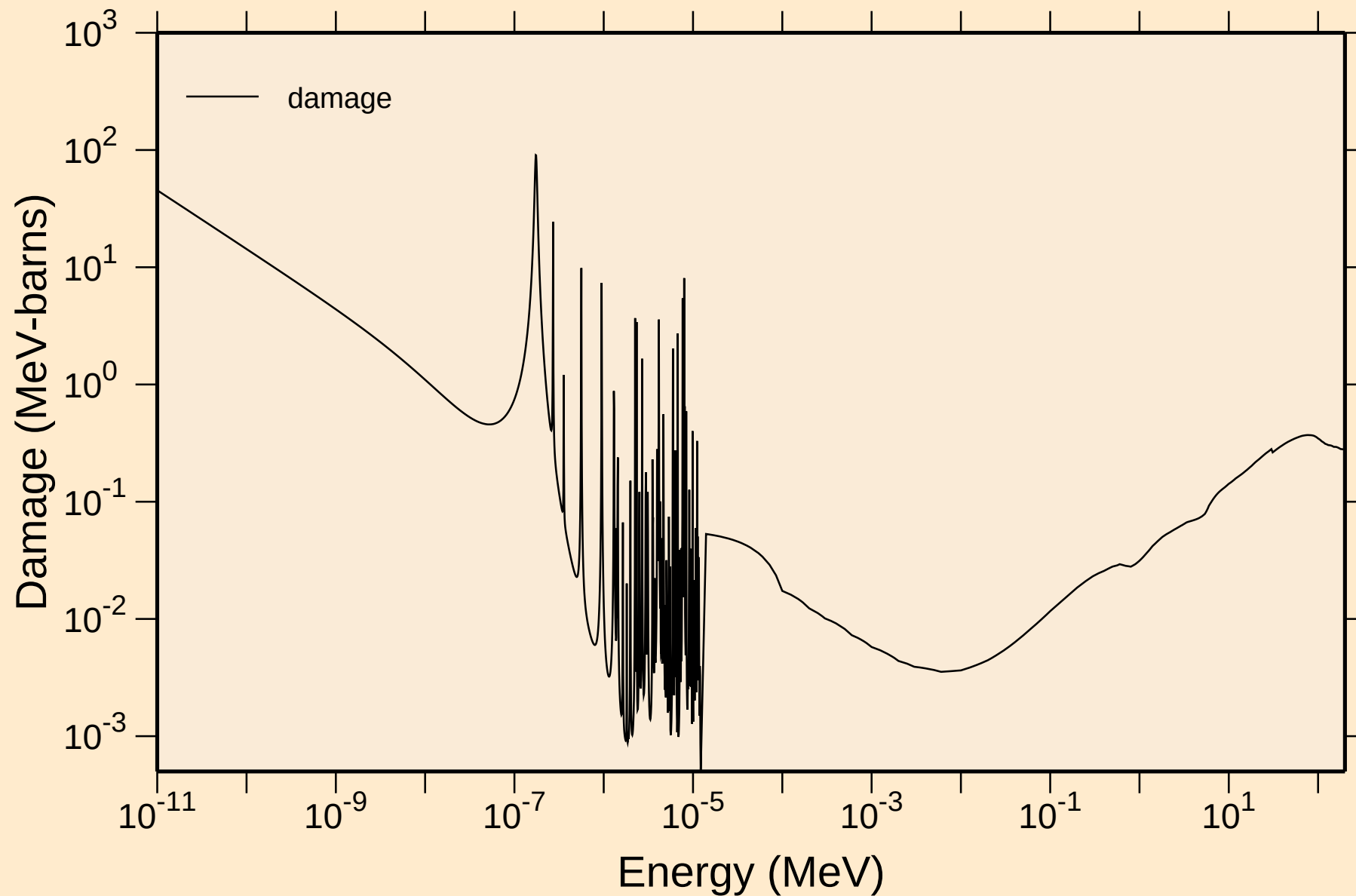
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



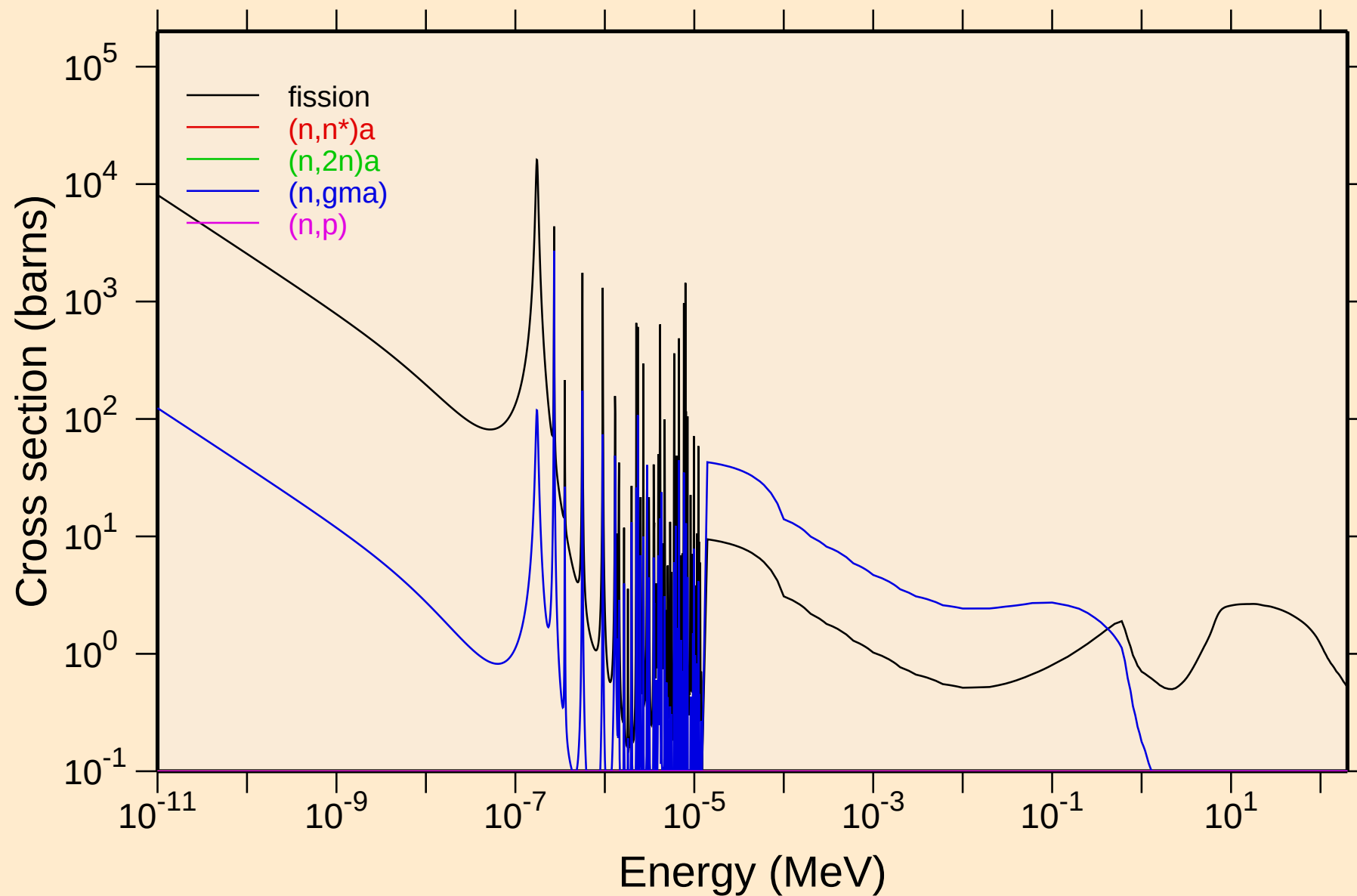
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



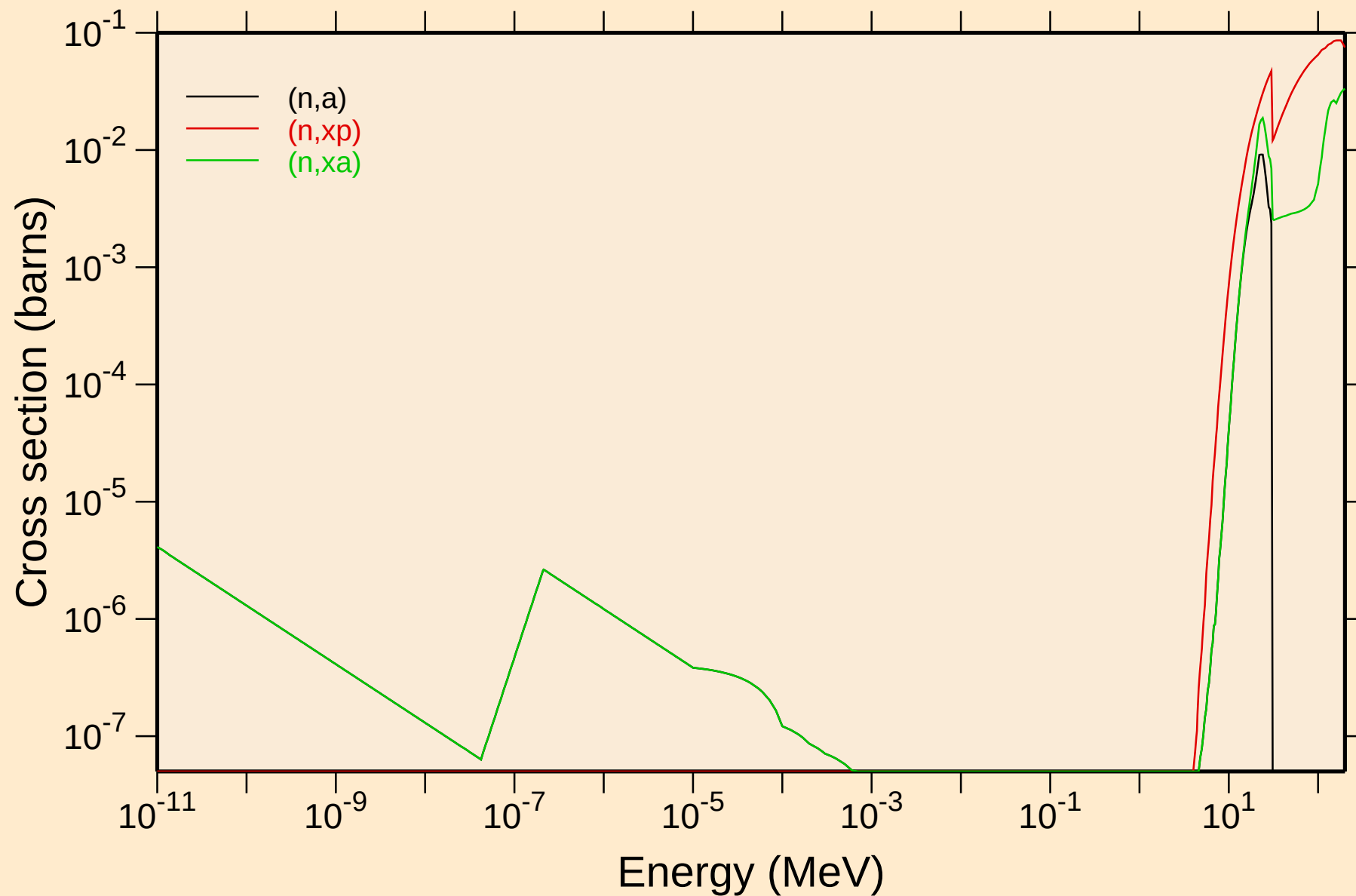
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



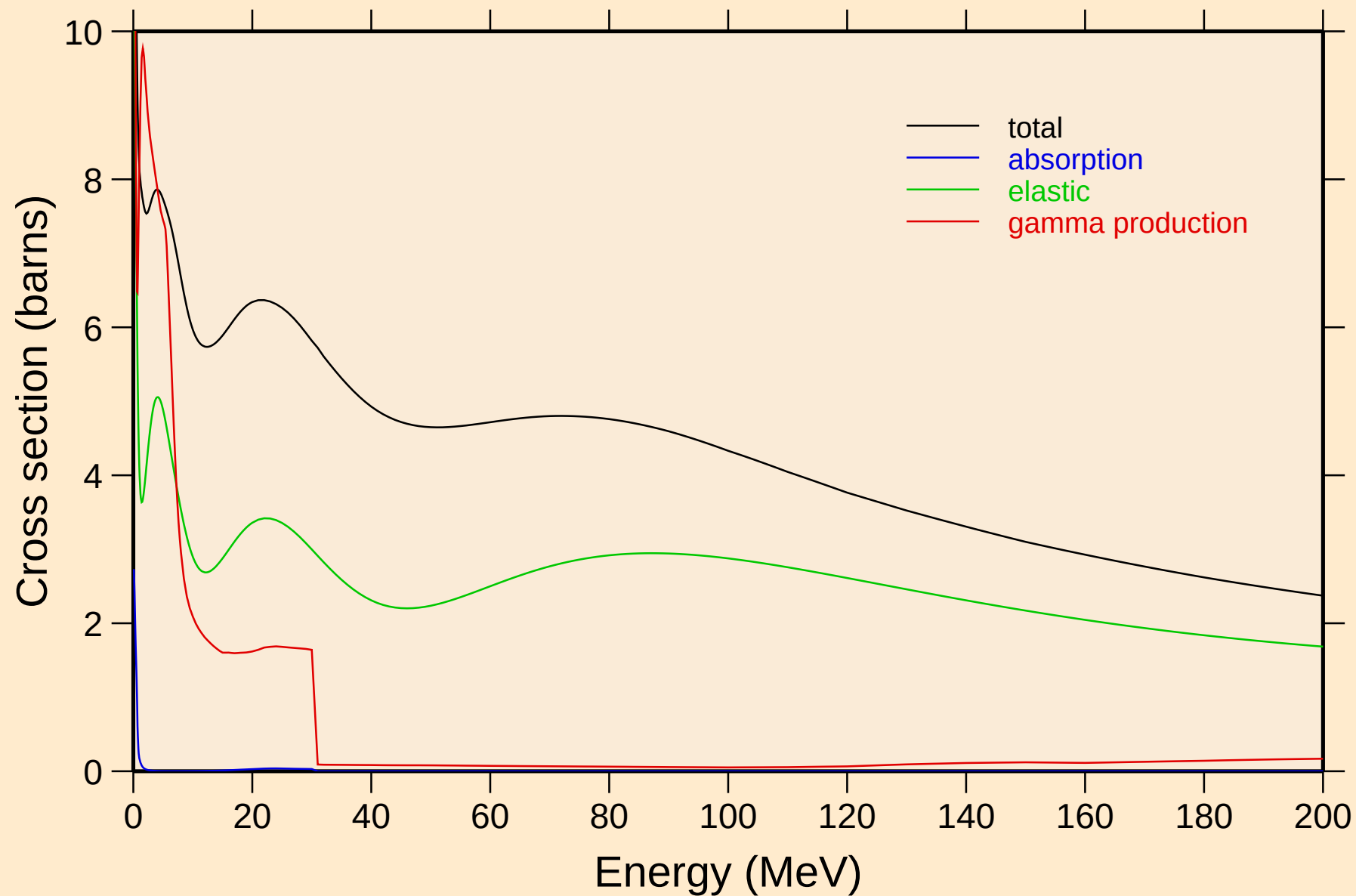
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



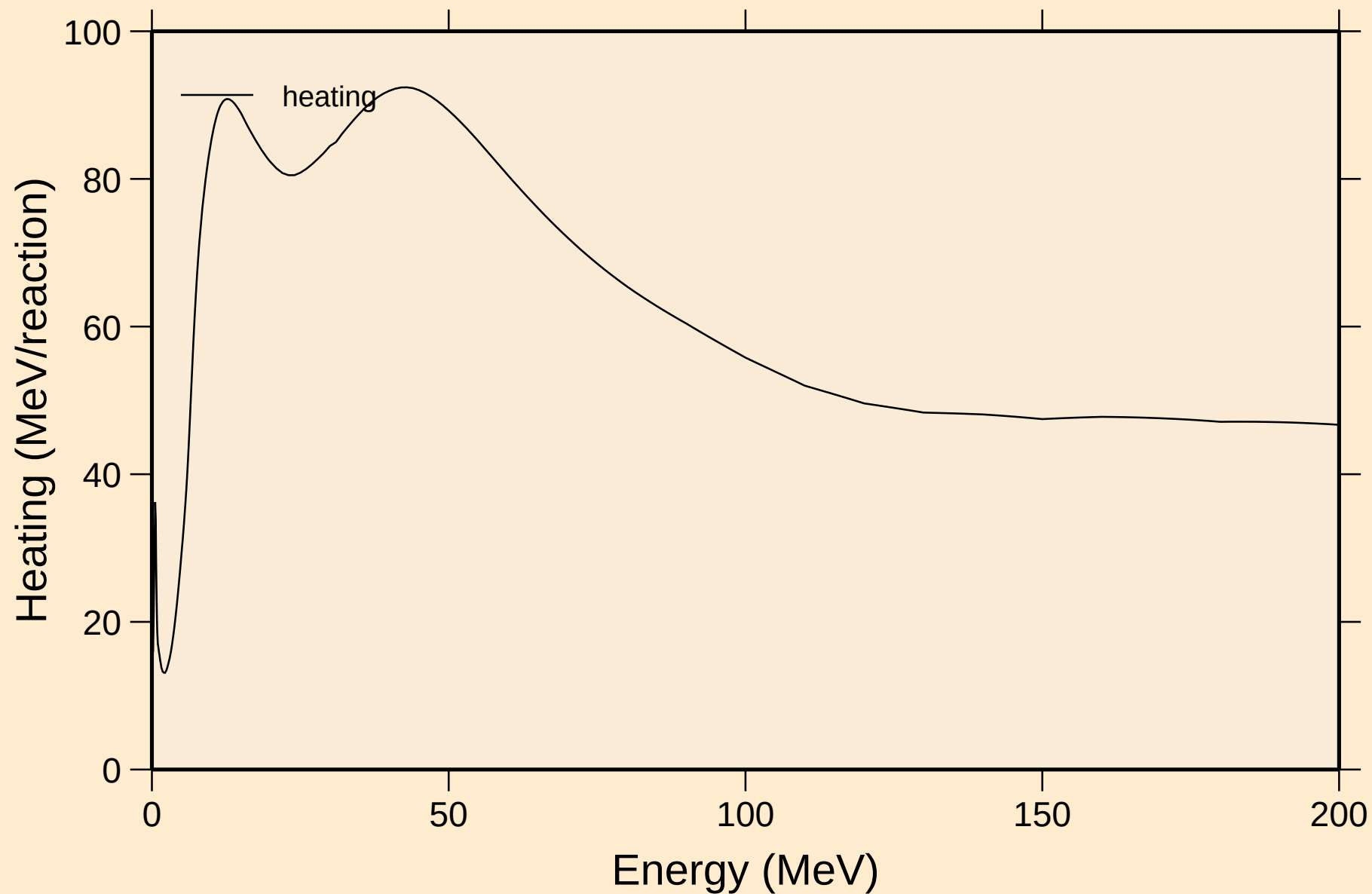
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



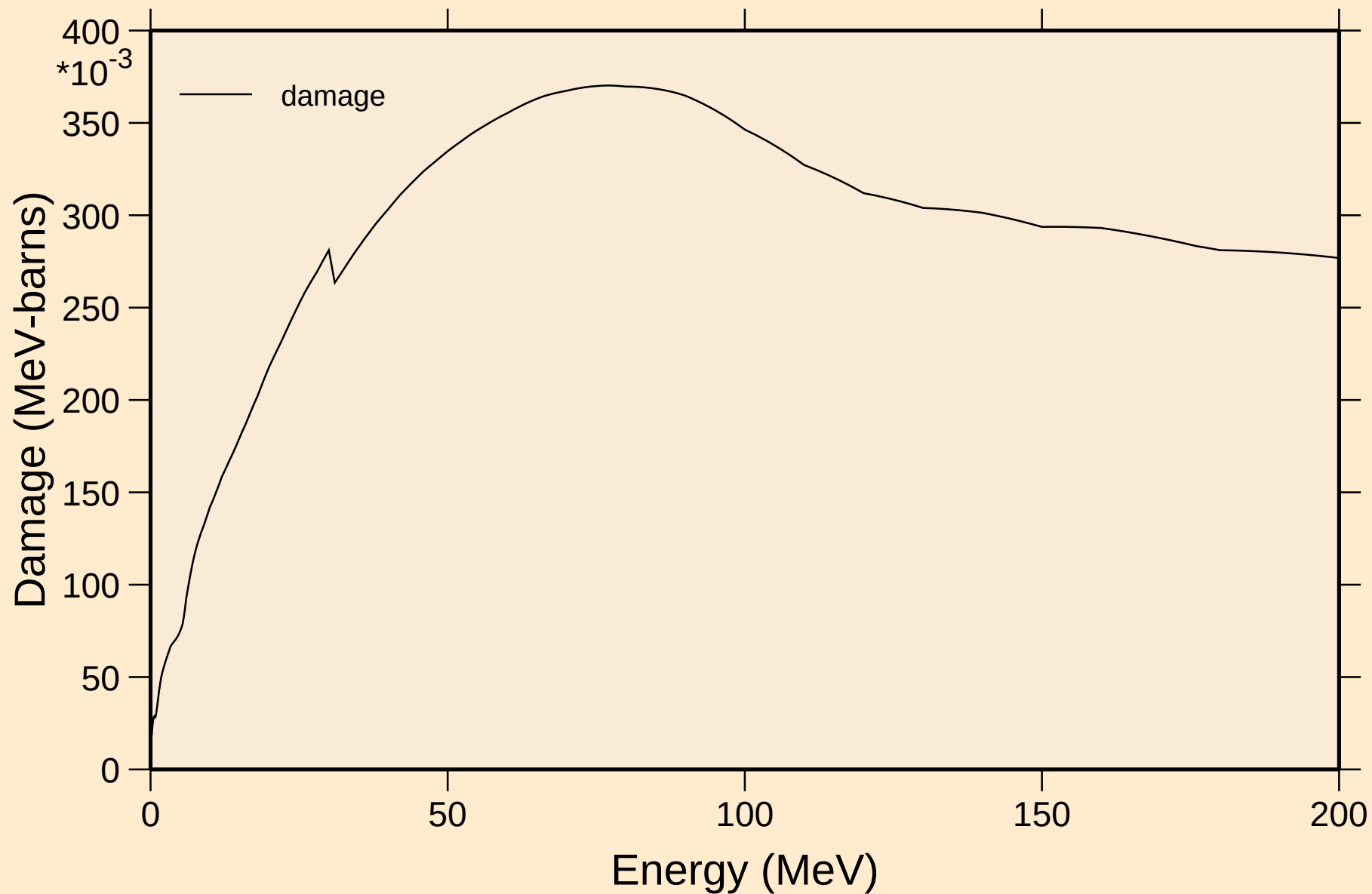
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Heating



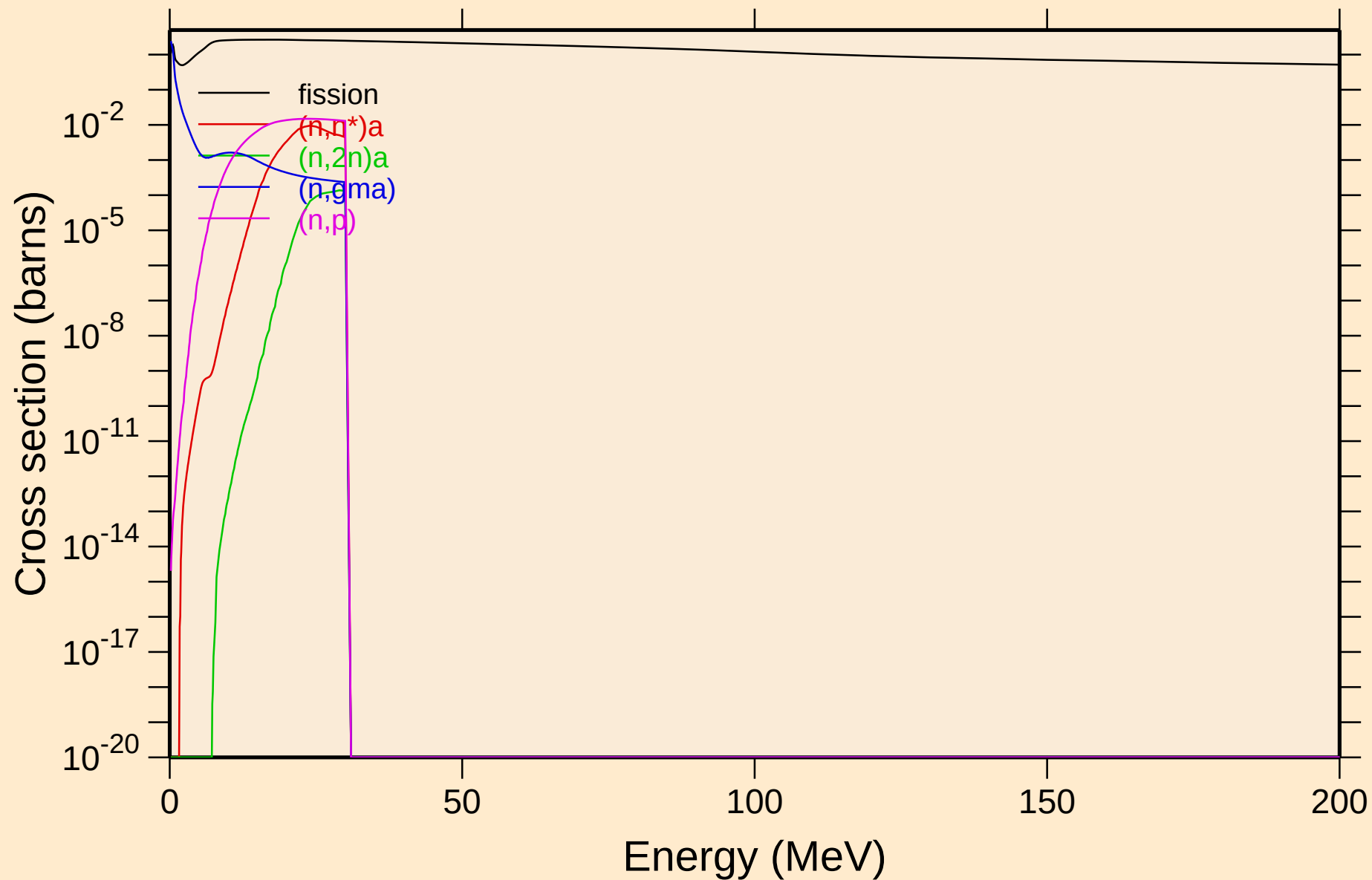
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Damage

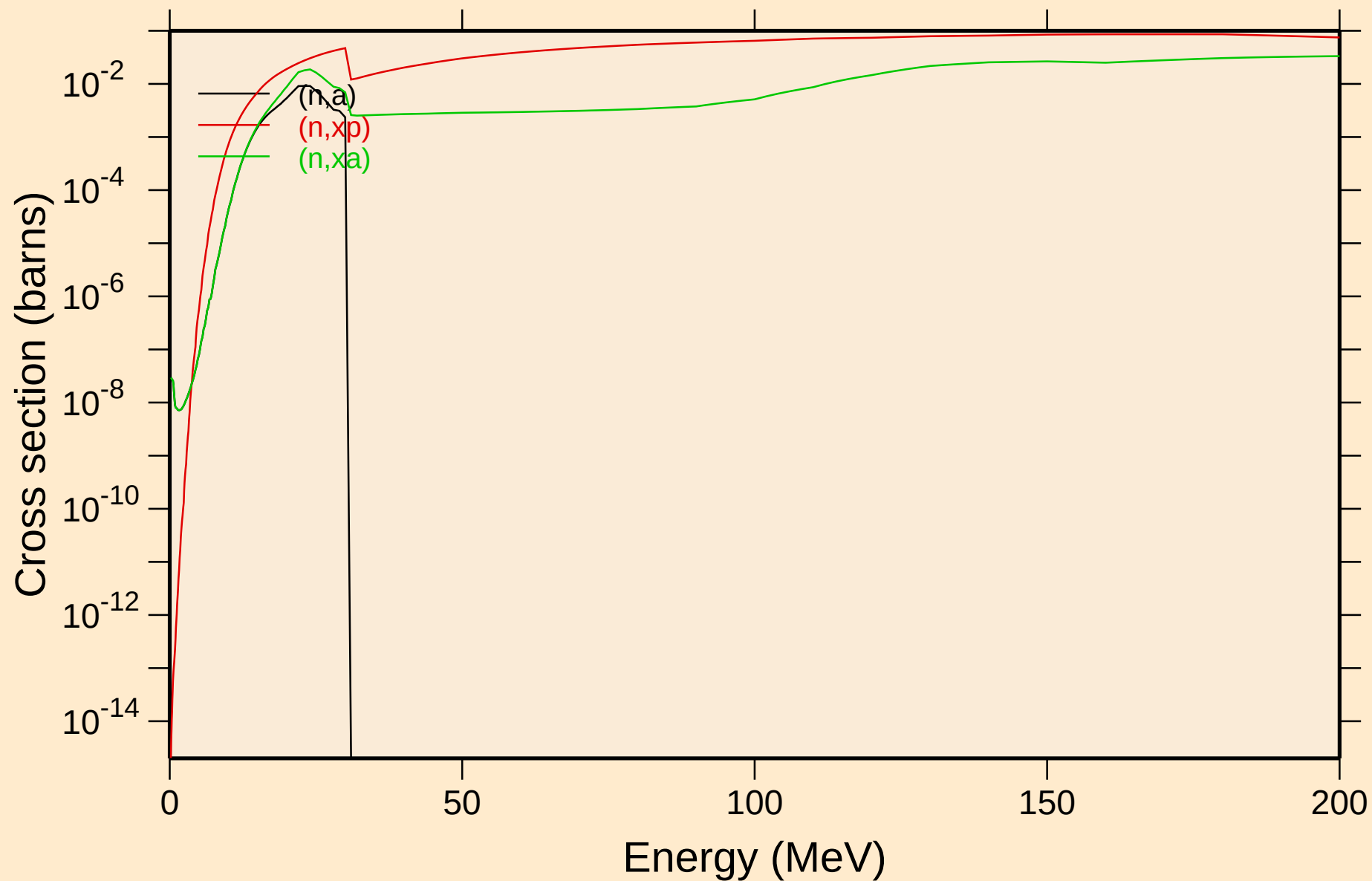


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

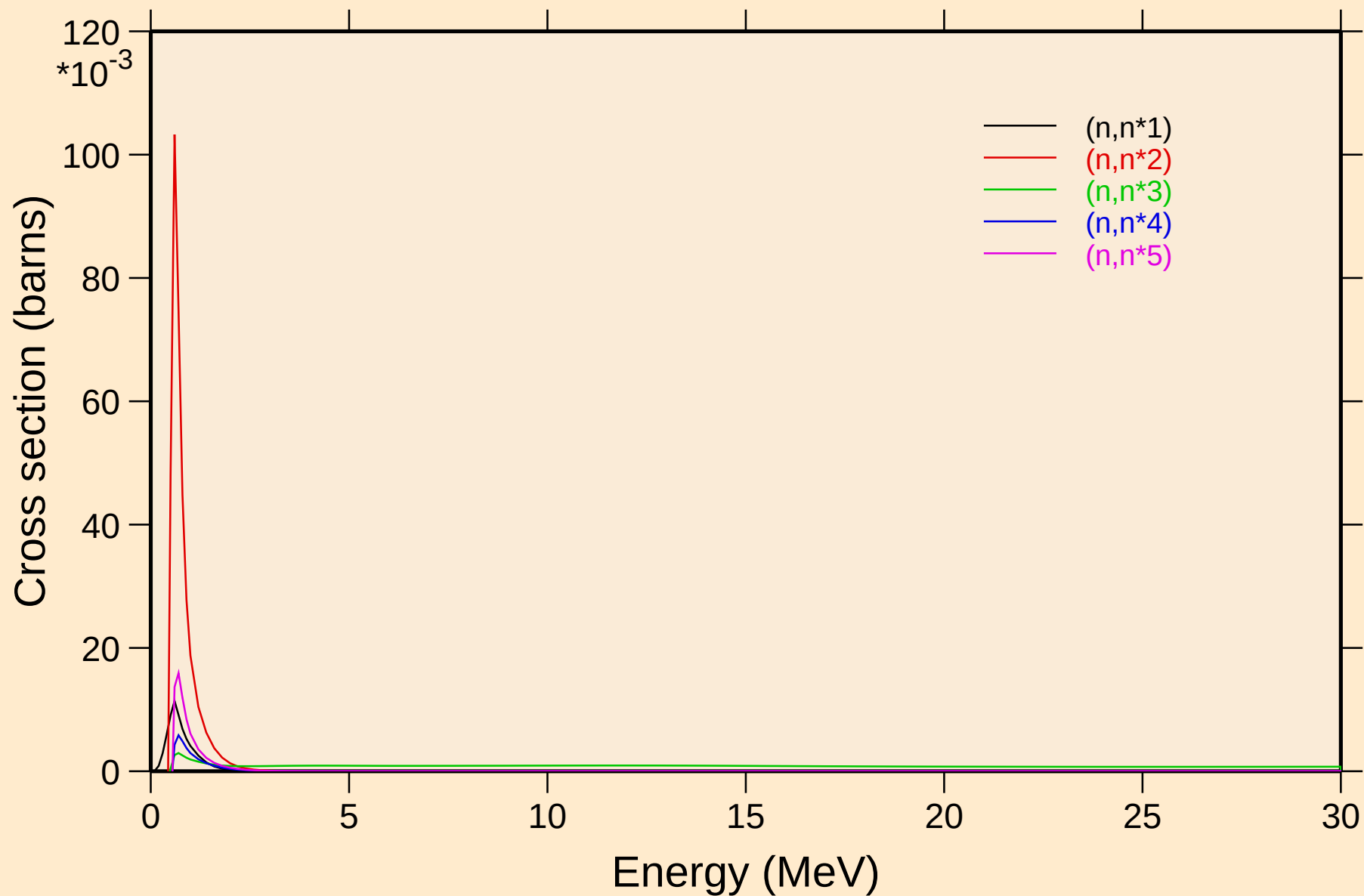


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



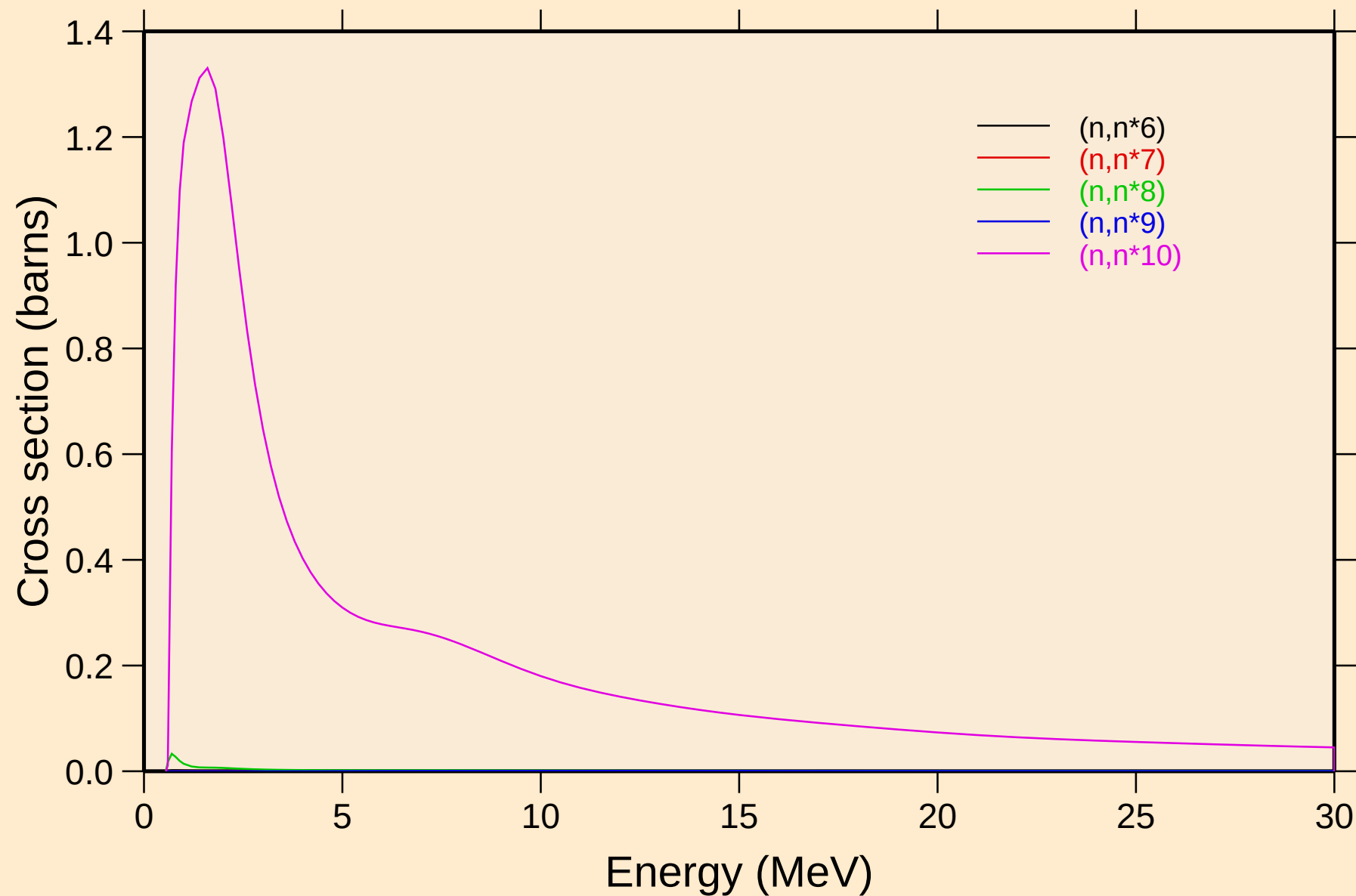
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



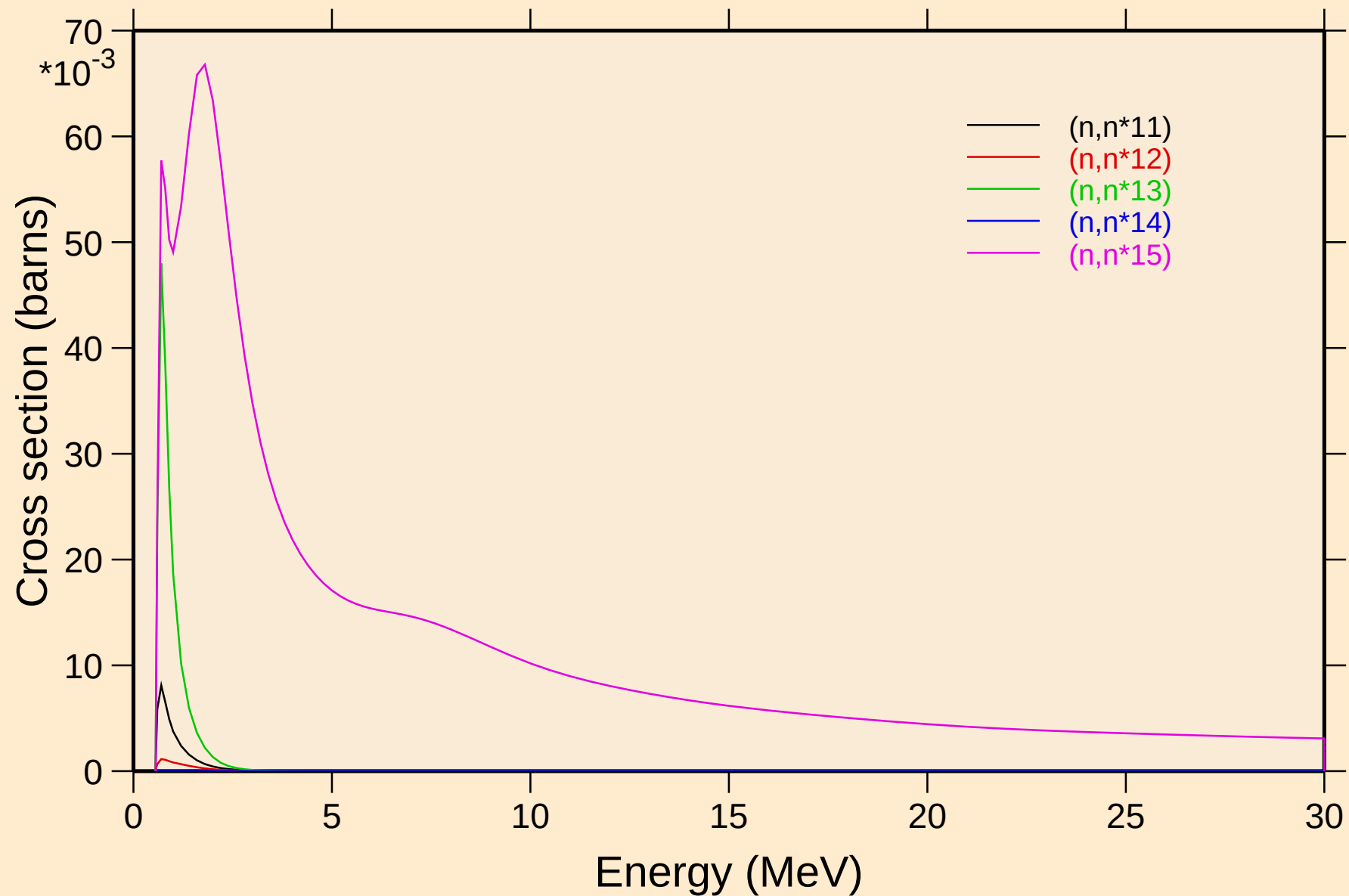
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



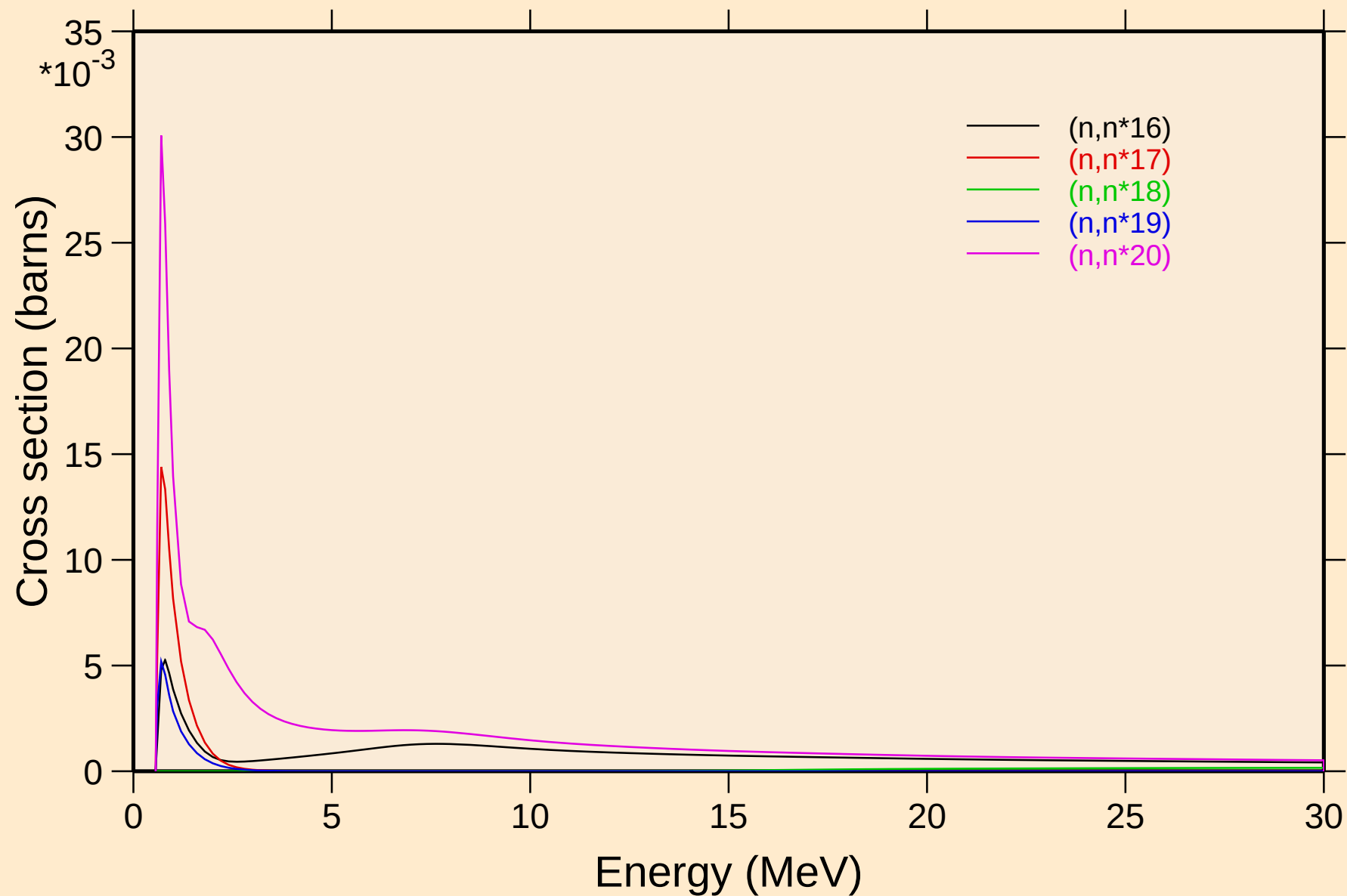
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Inelastic levels



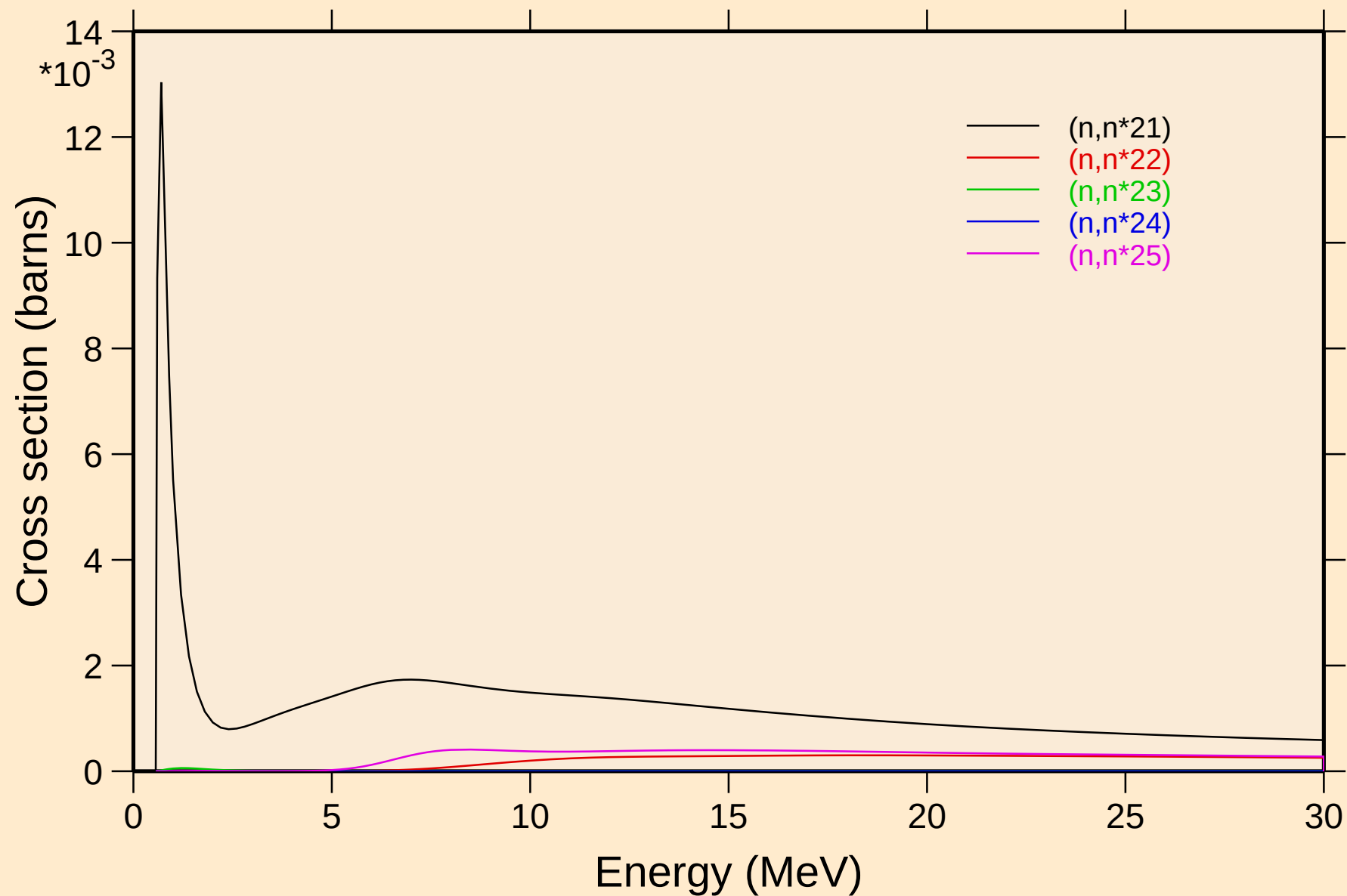
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



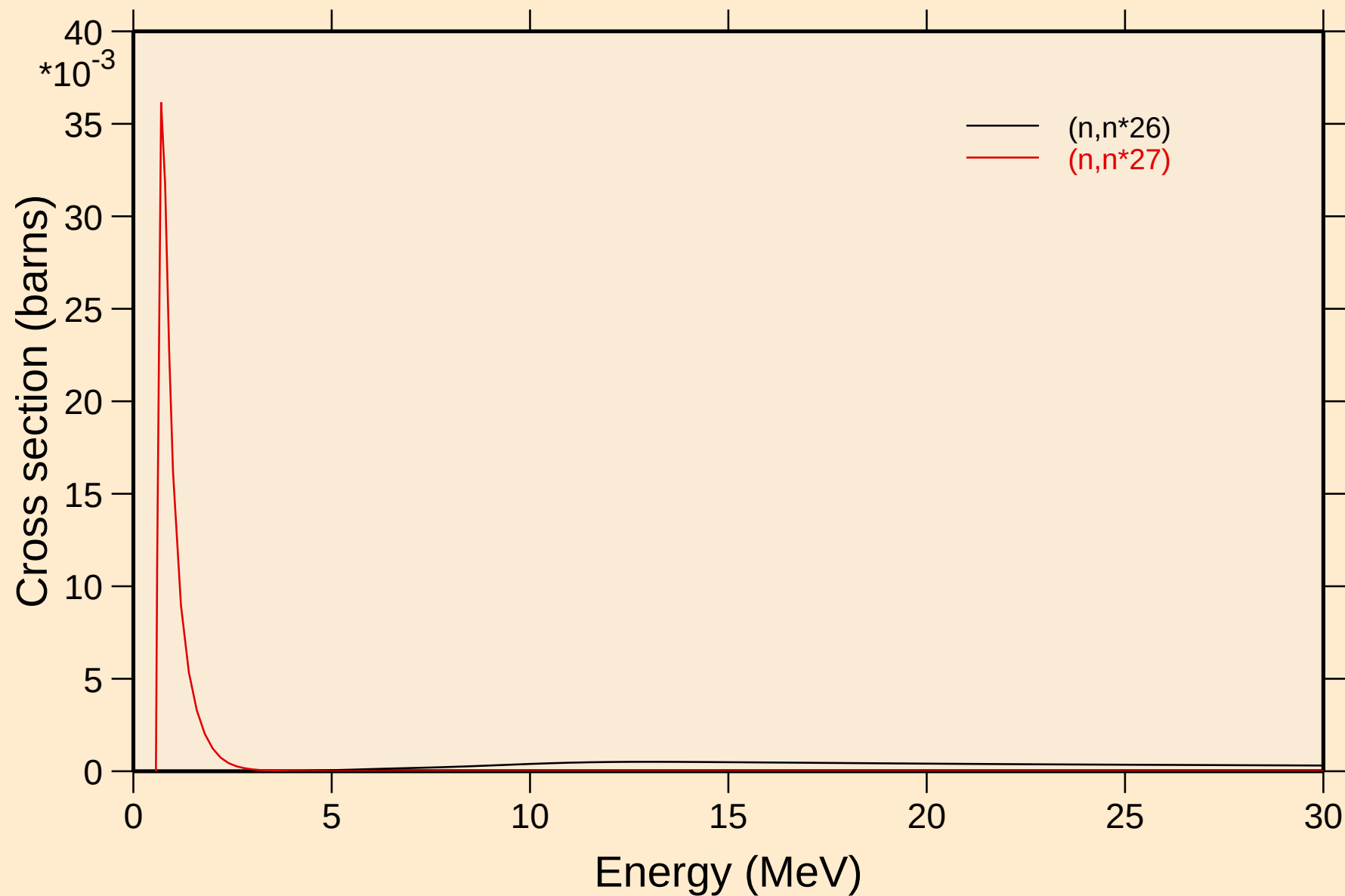
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Inelastic levels



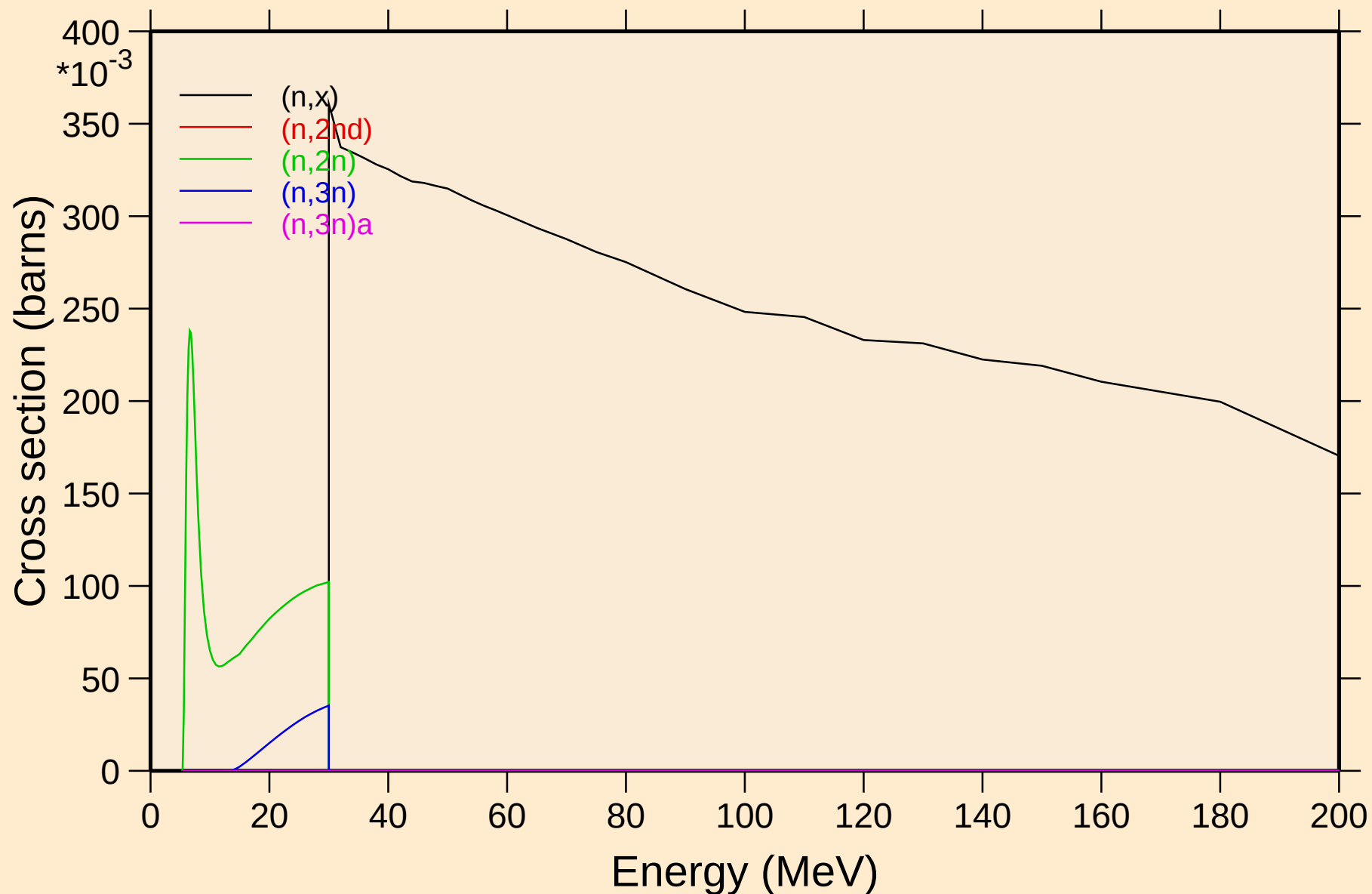
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



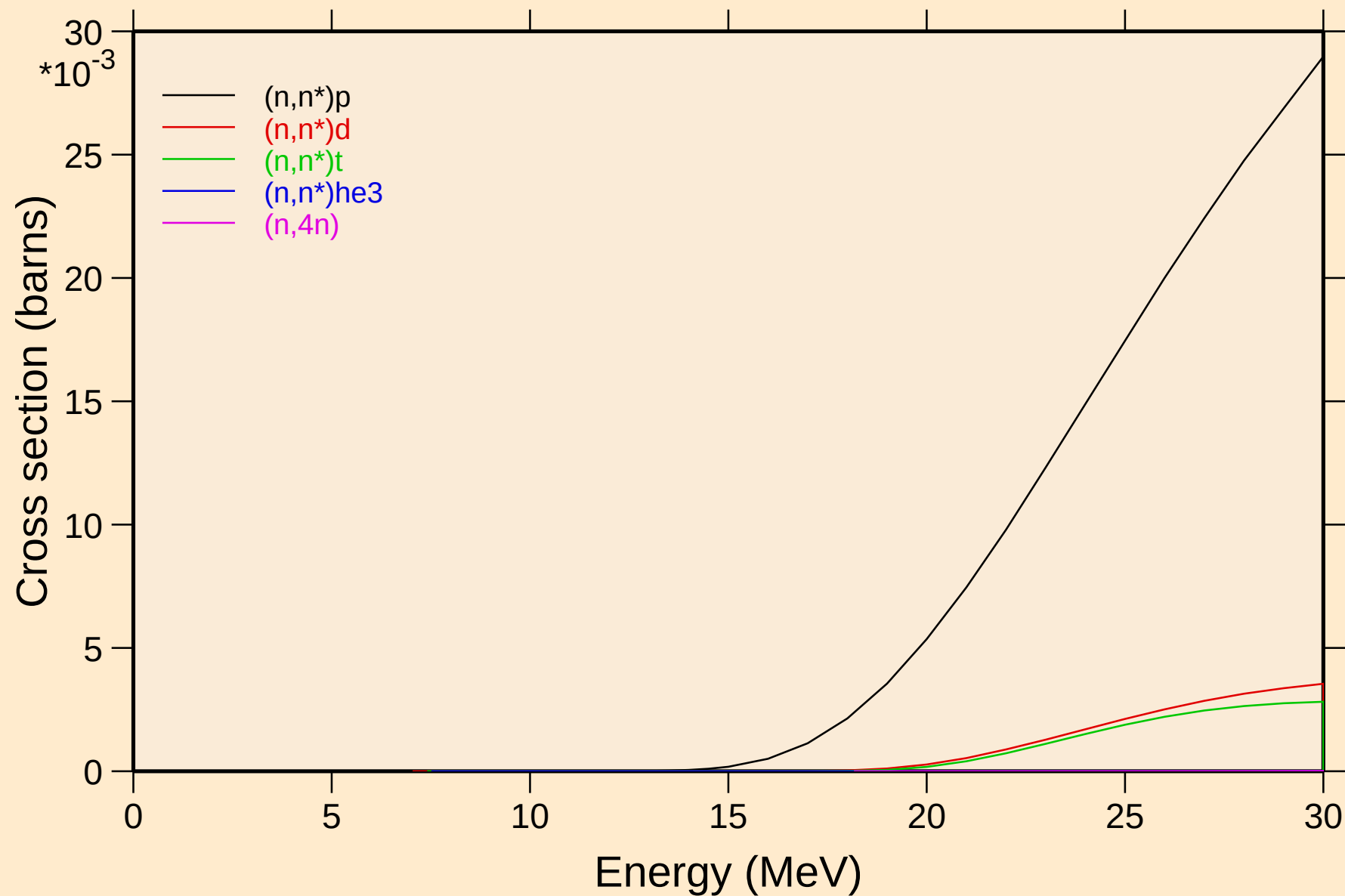
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Threshold reactions



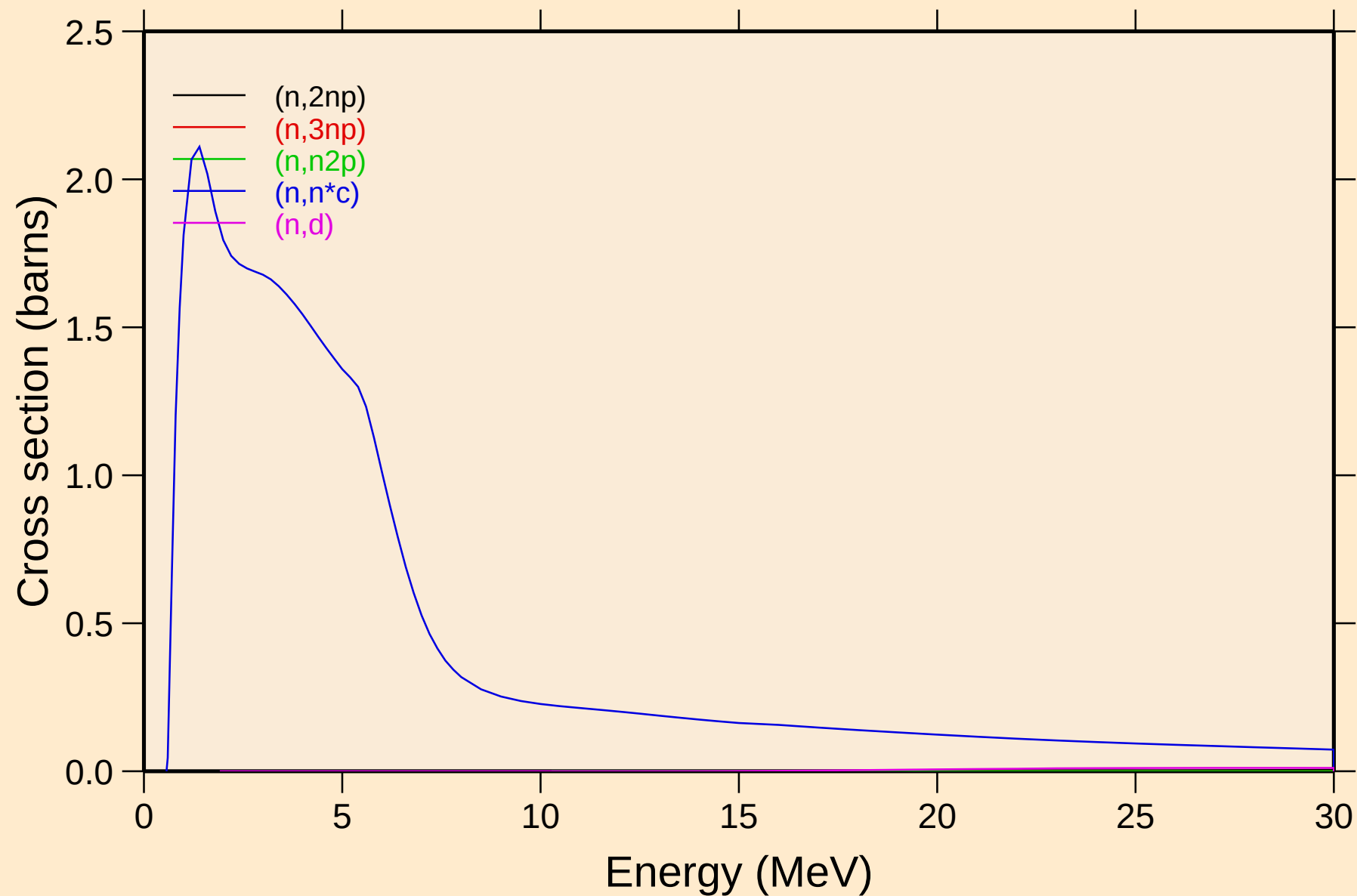
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



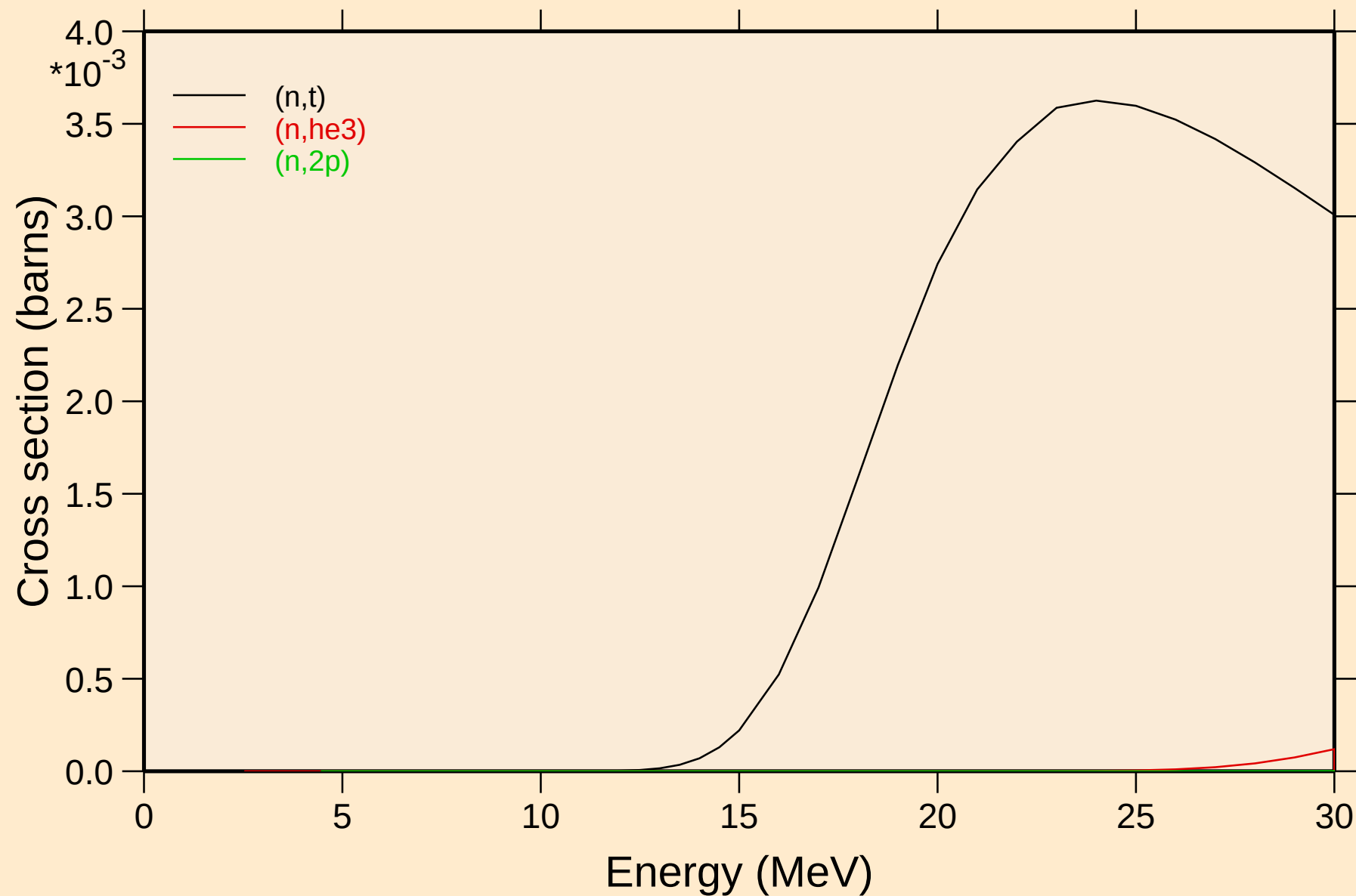
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



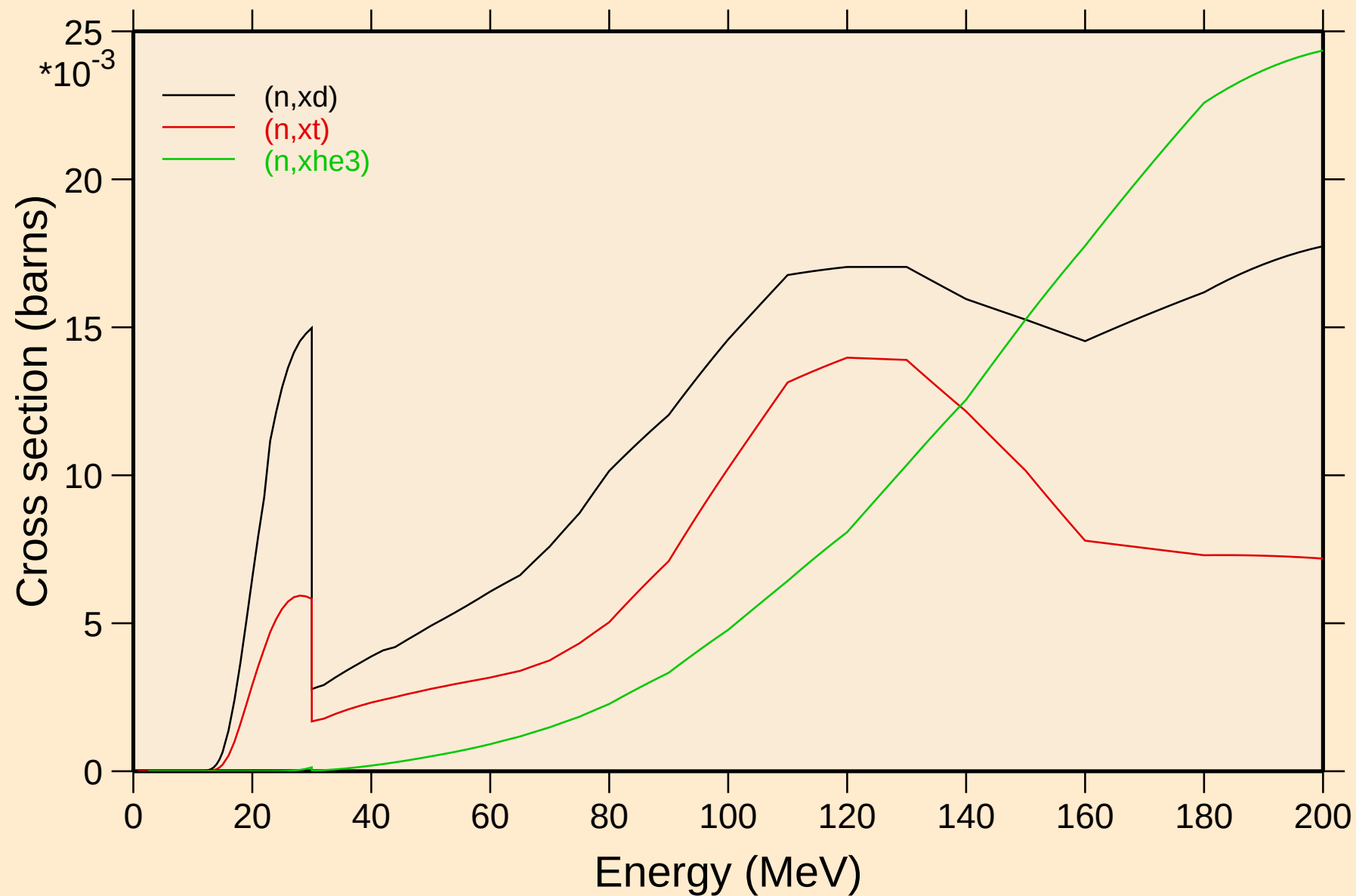
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

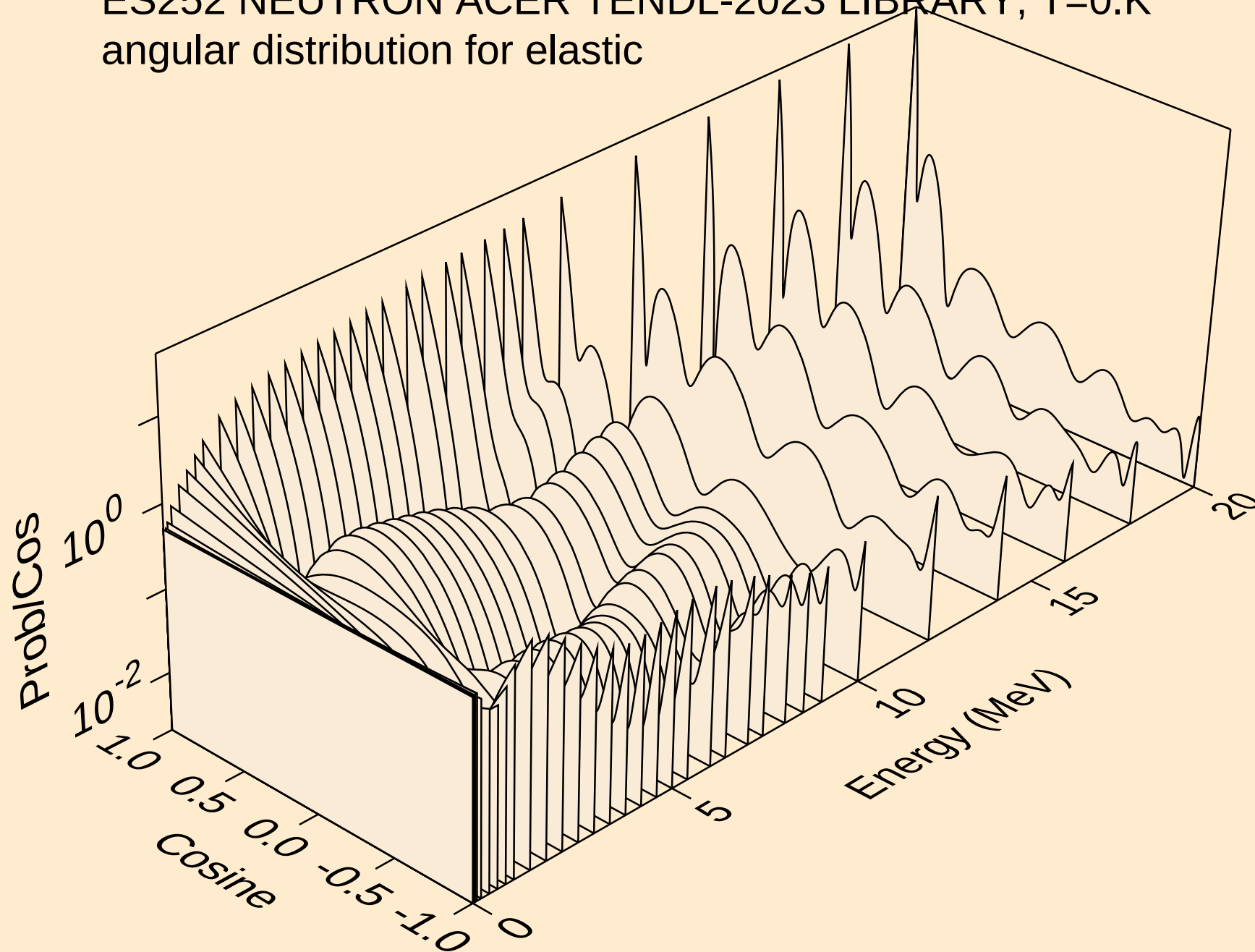


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

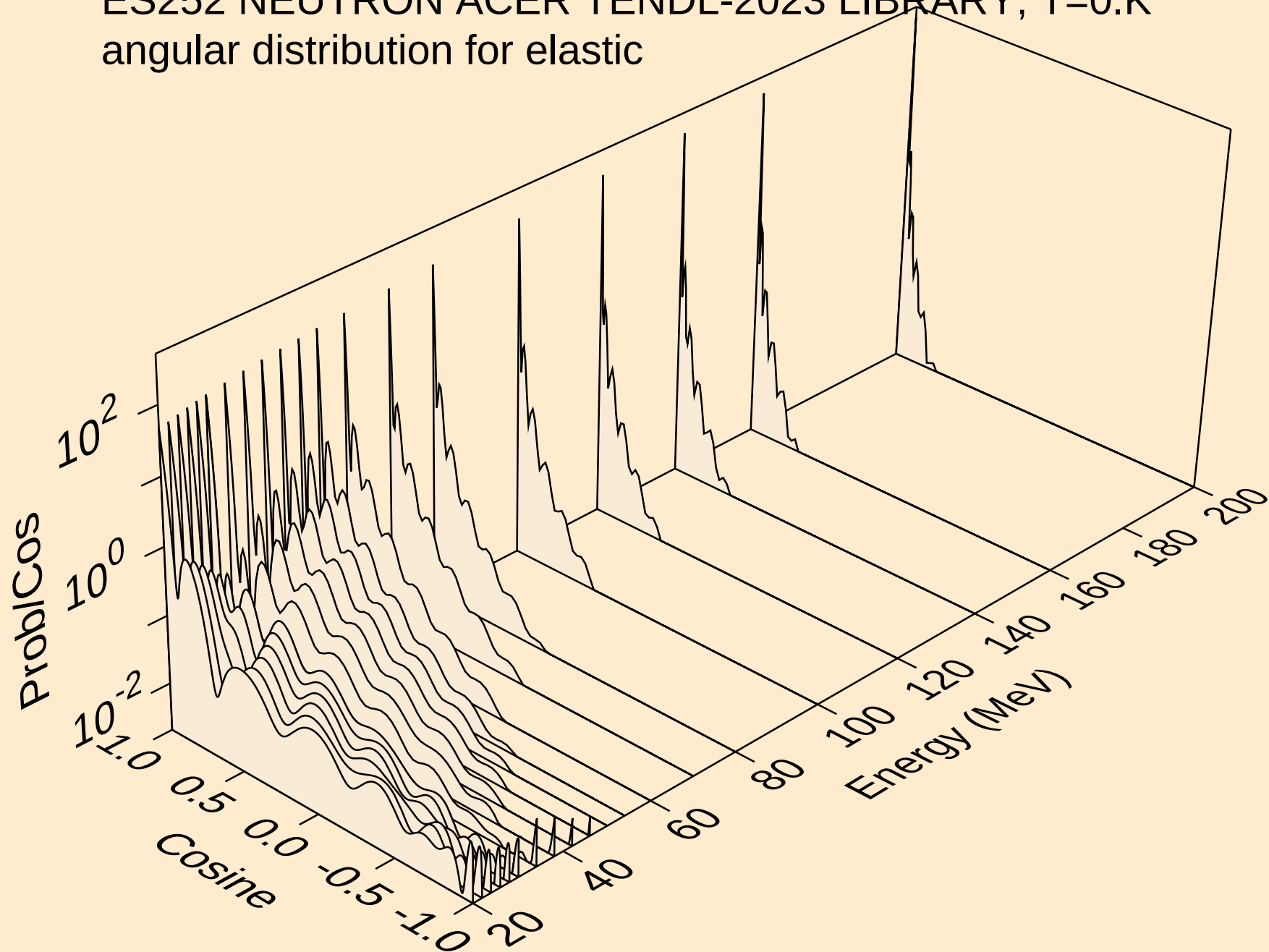
Threshold reactions



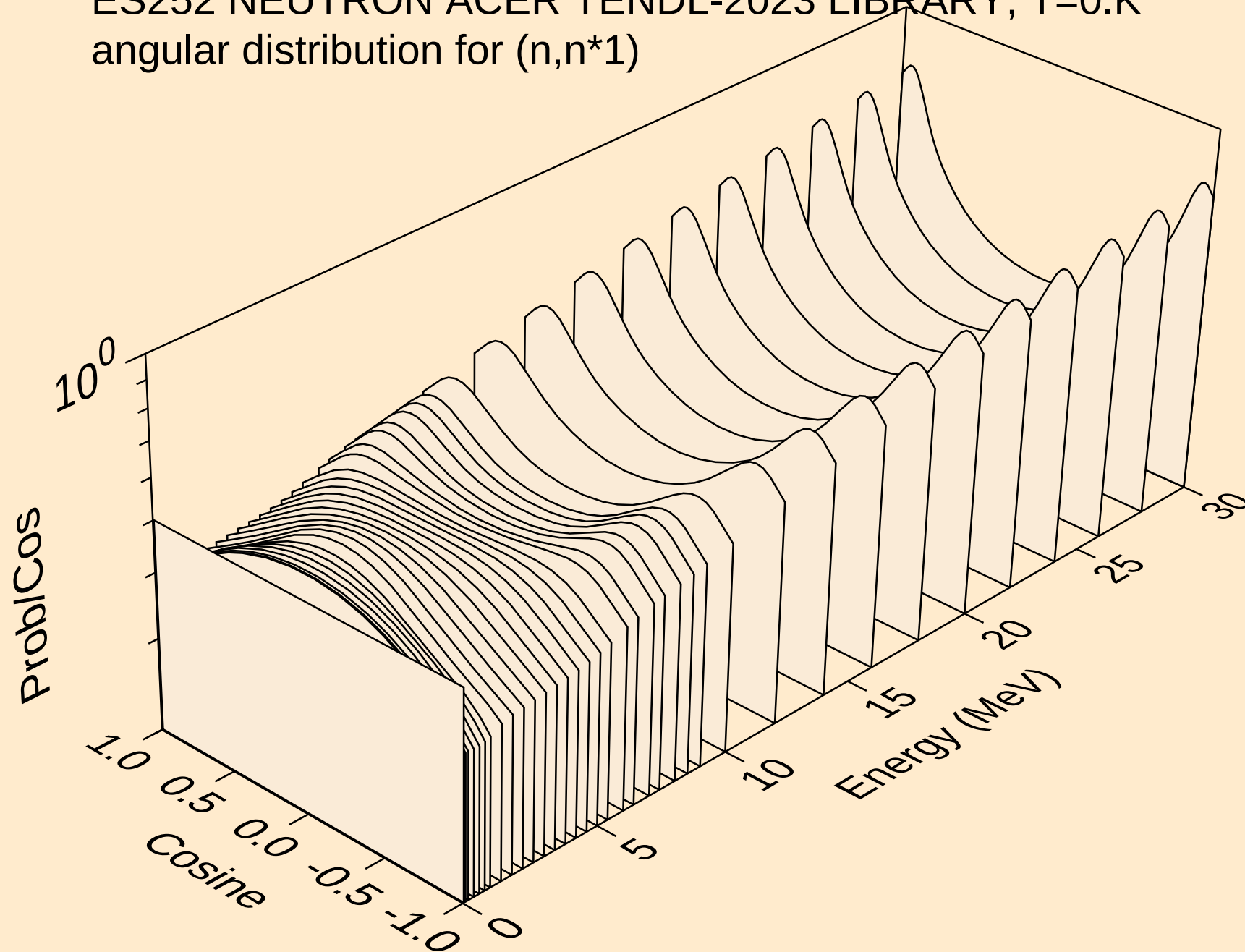
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



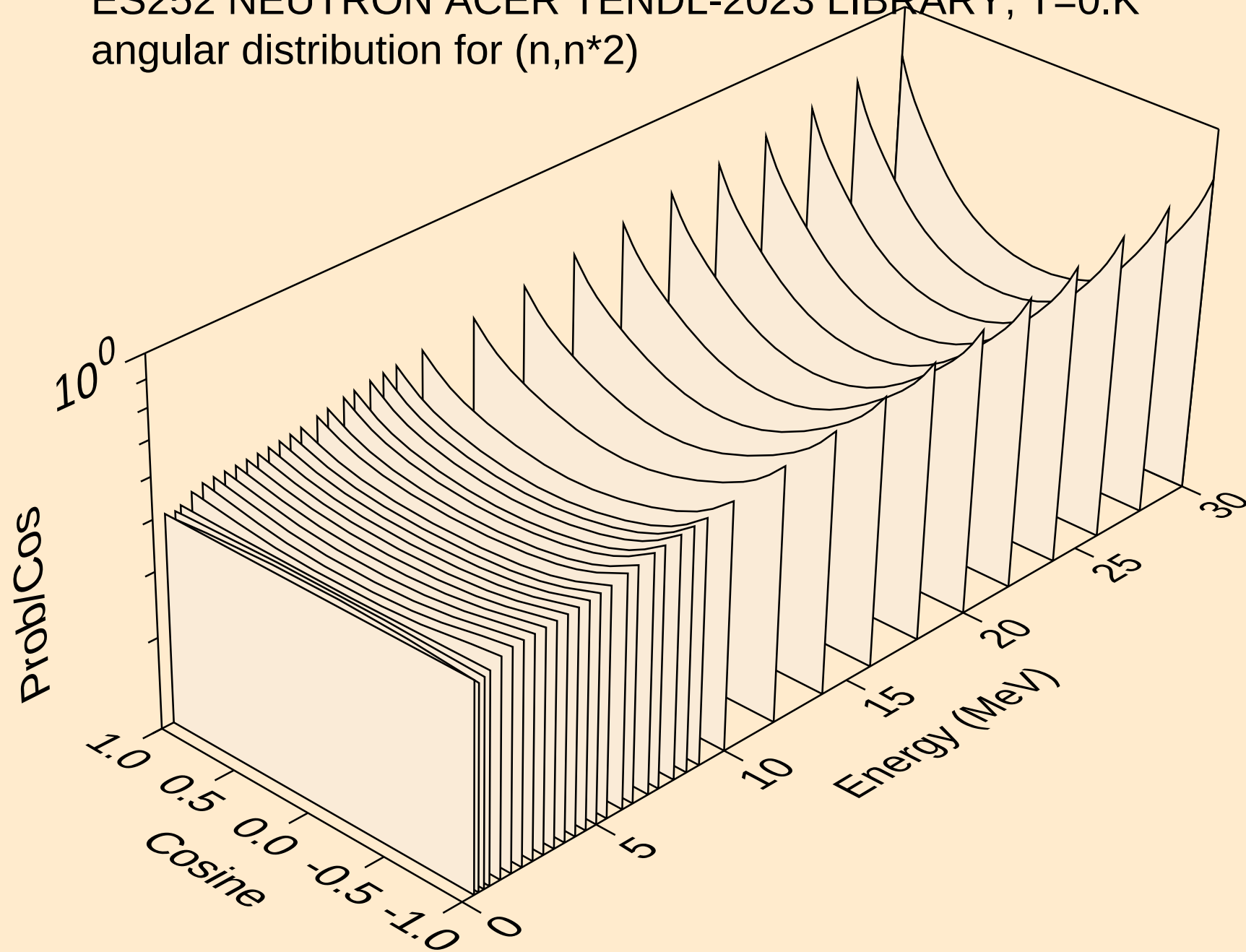
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



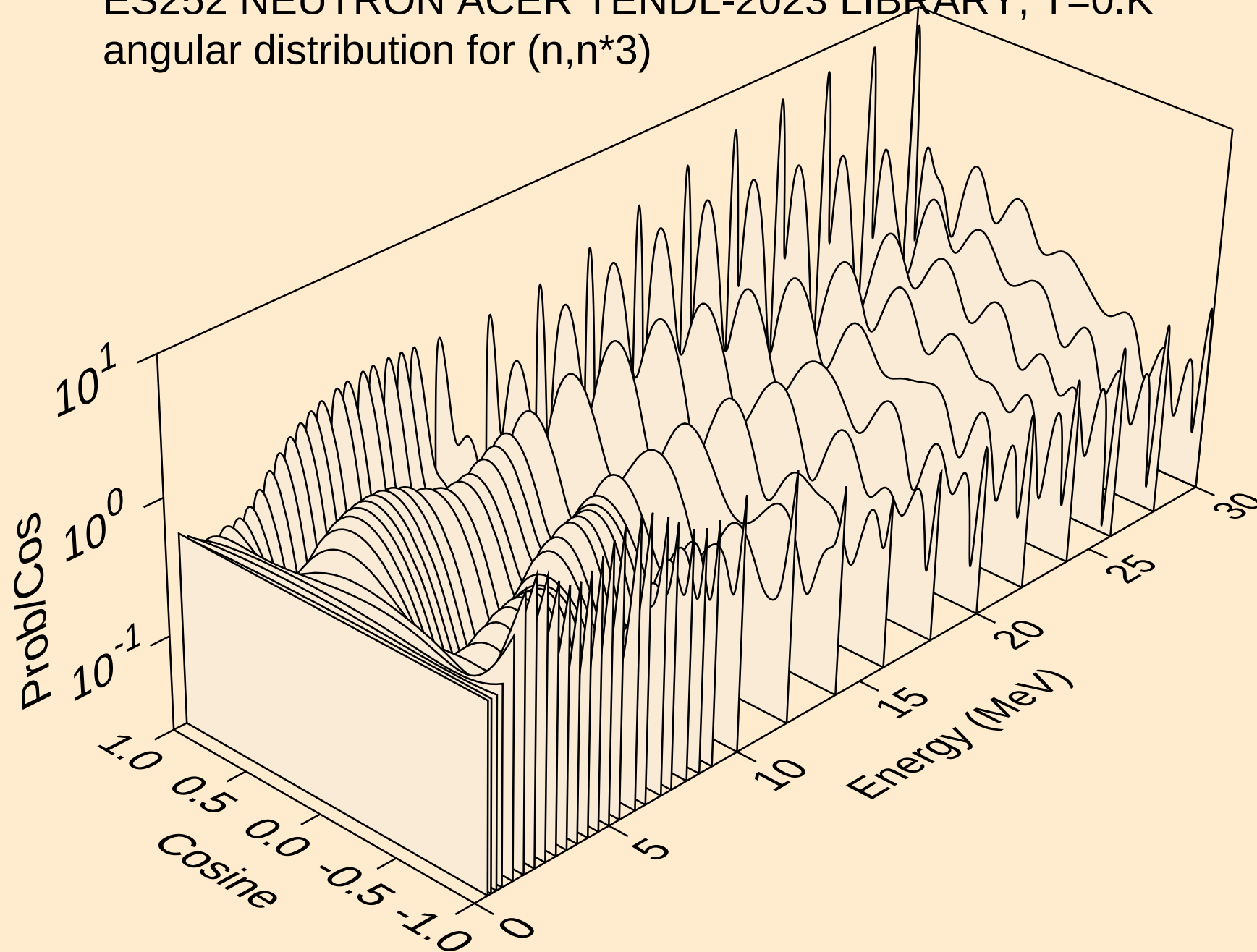
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



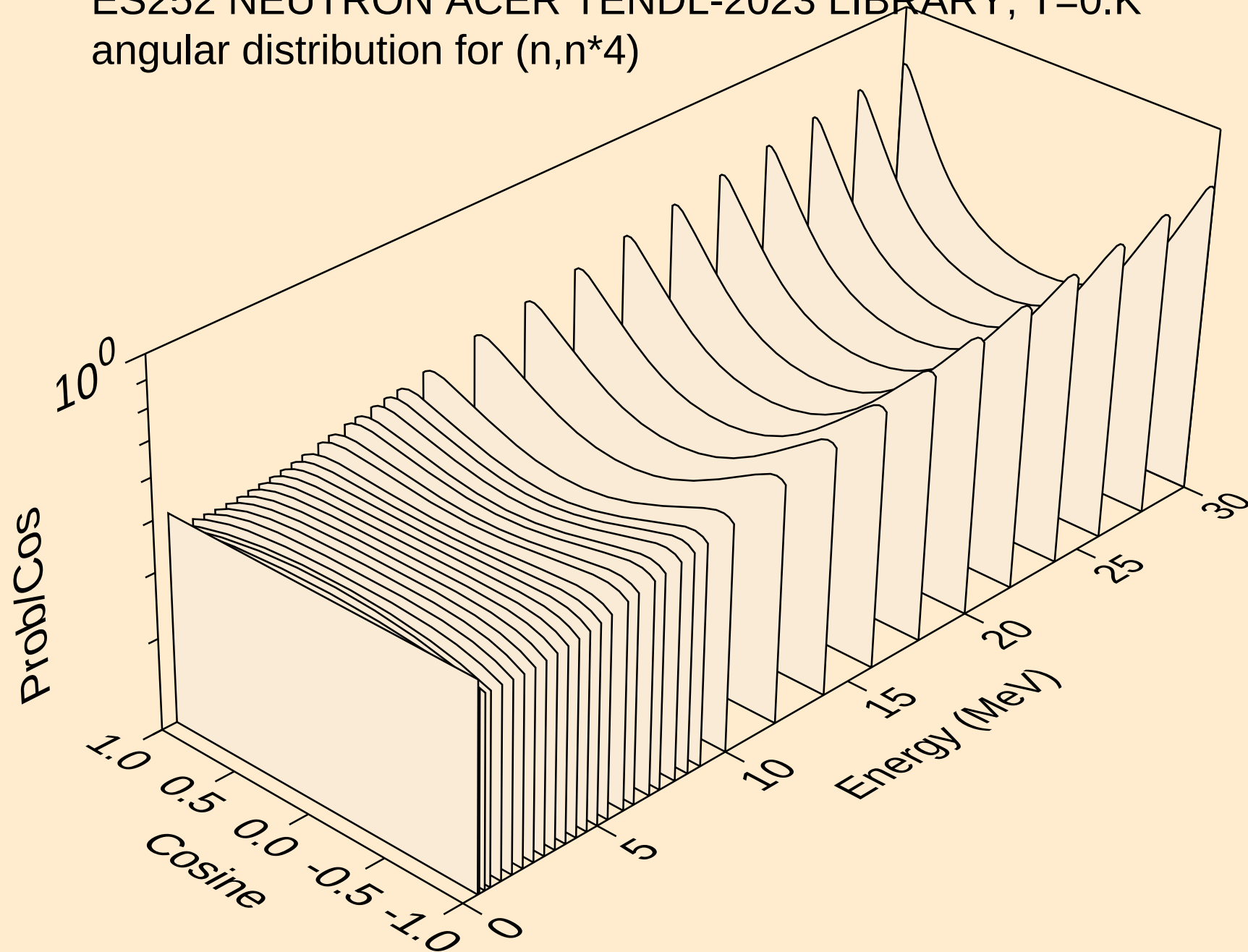
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angular distribution for (n,n*2)



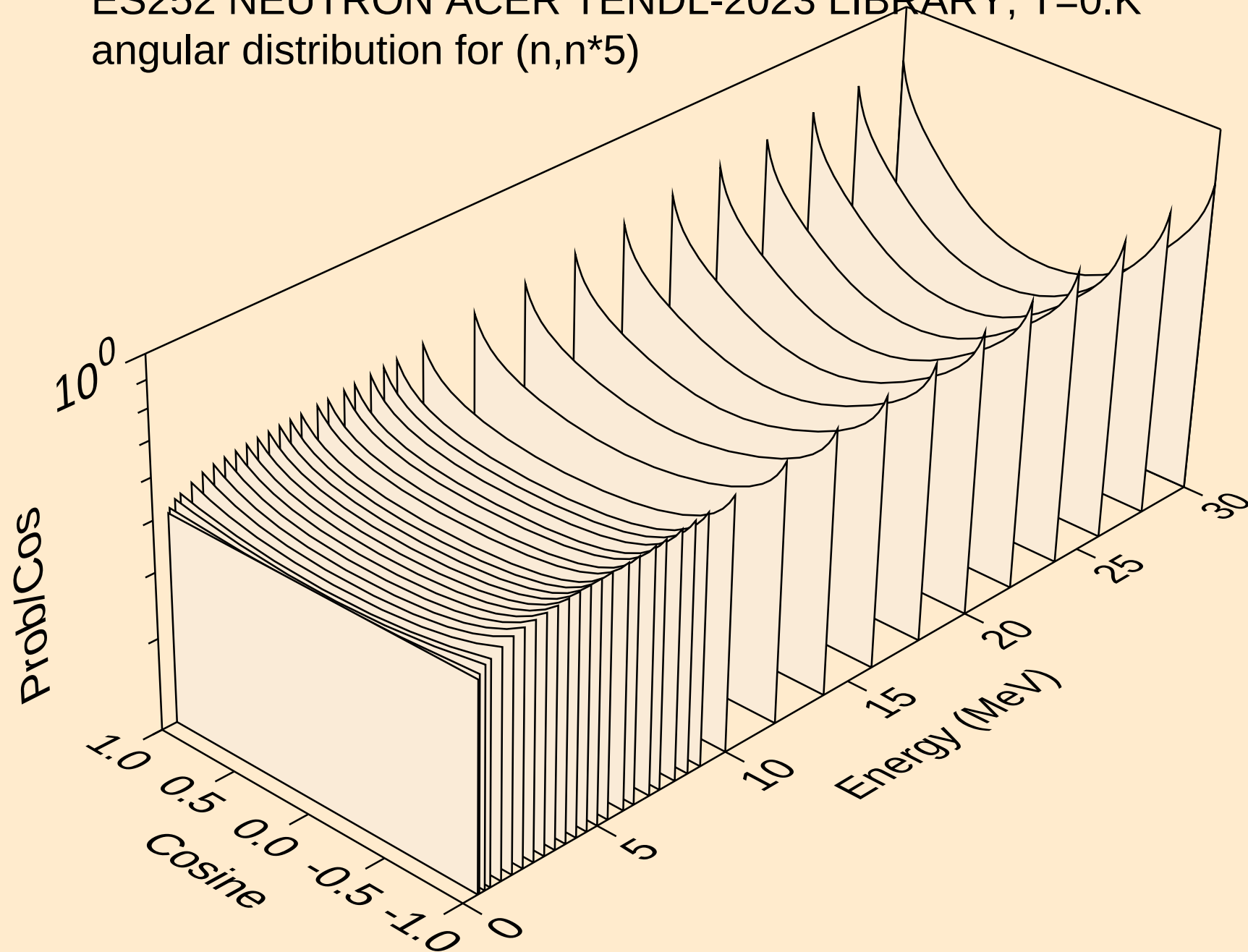
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angular distribution for (n,n*3)



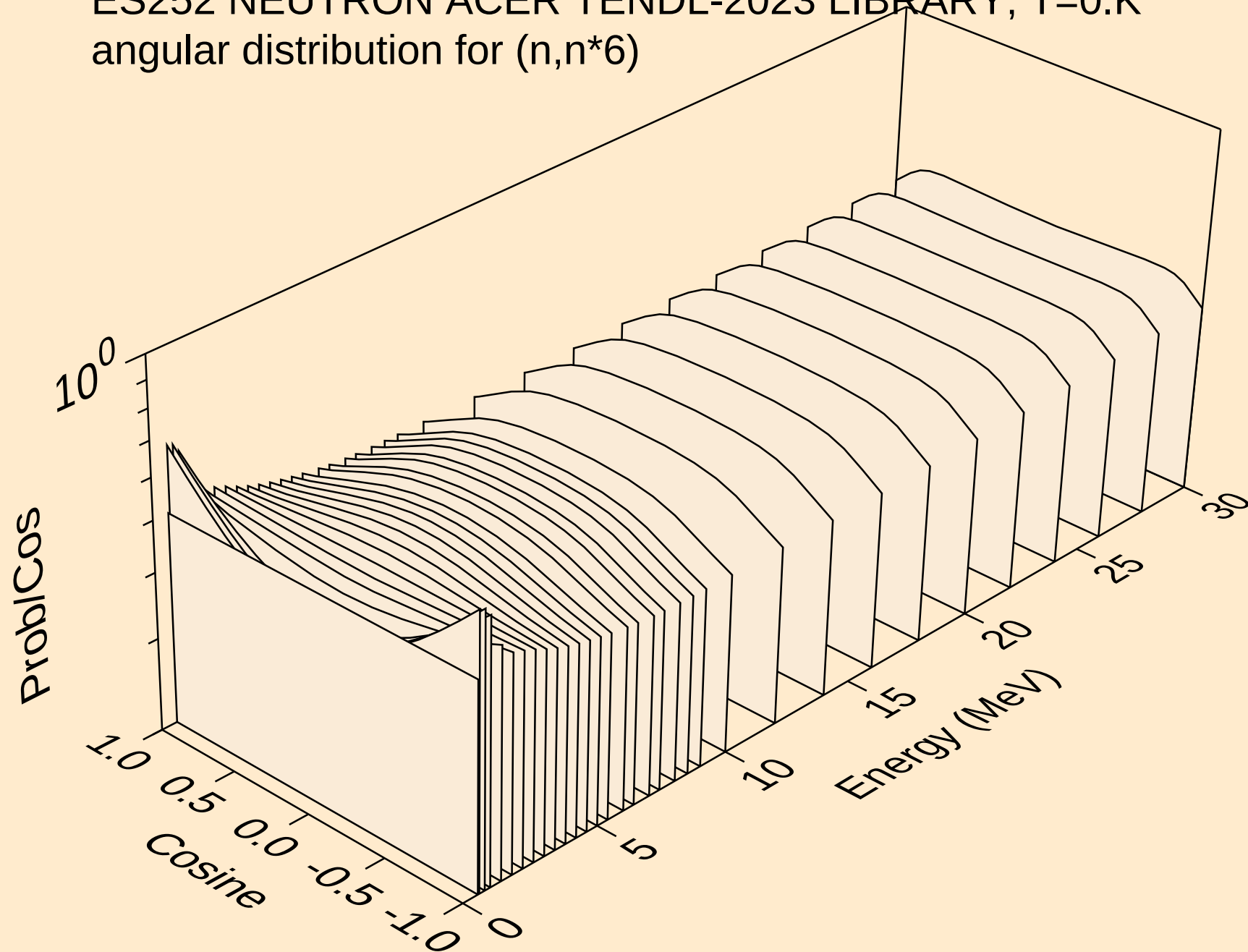
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angular distribution for (n,n*4)



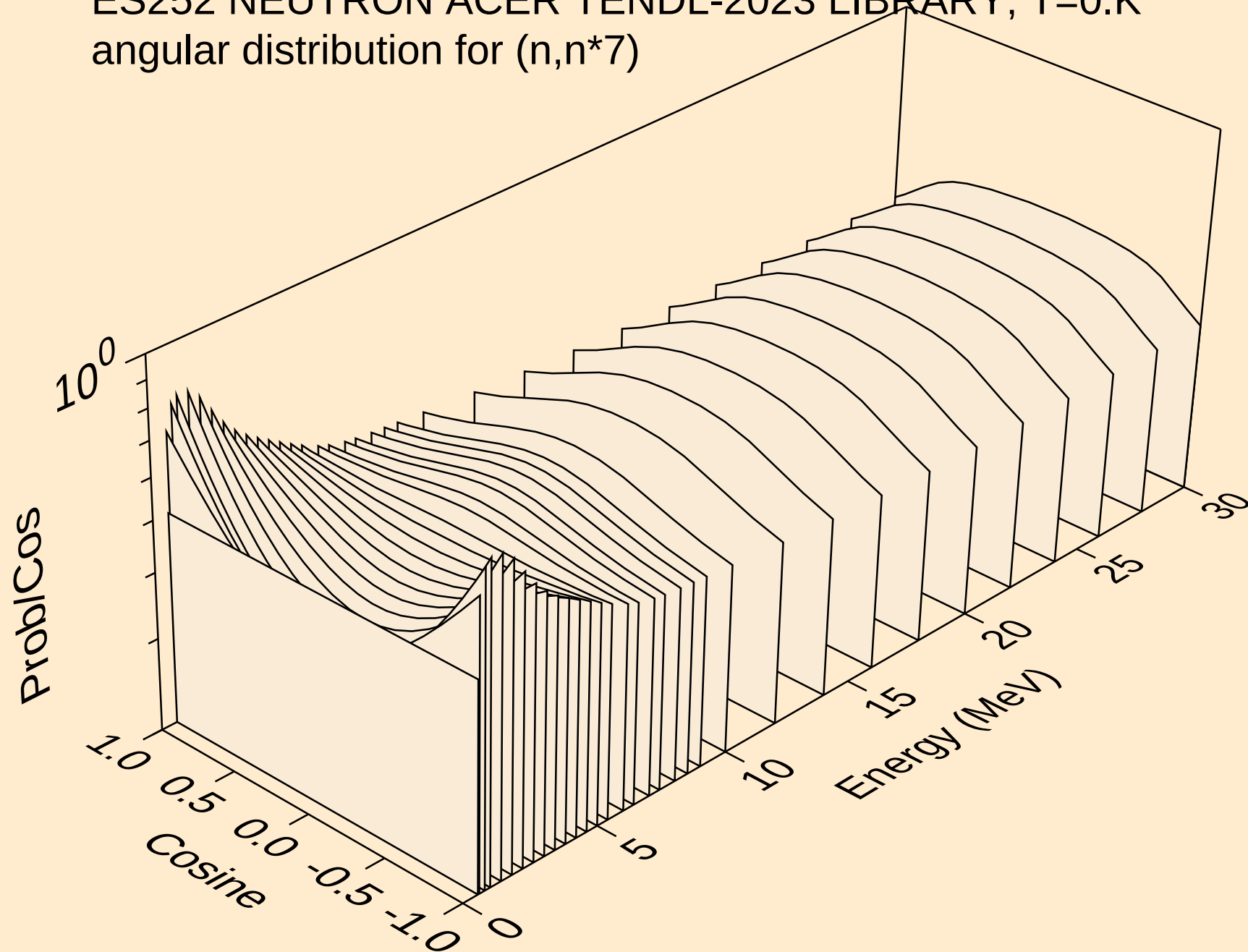
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angular distribution for (n,n*5)



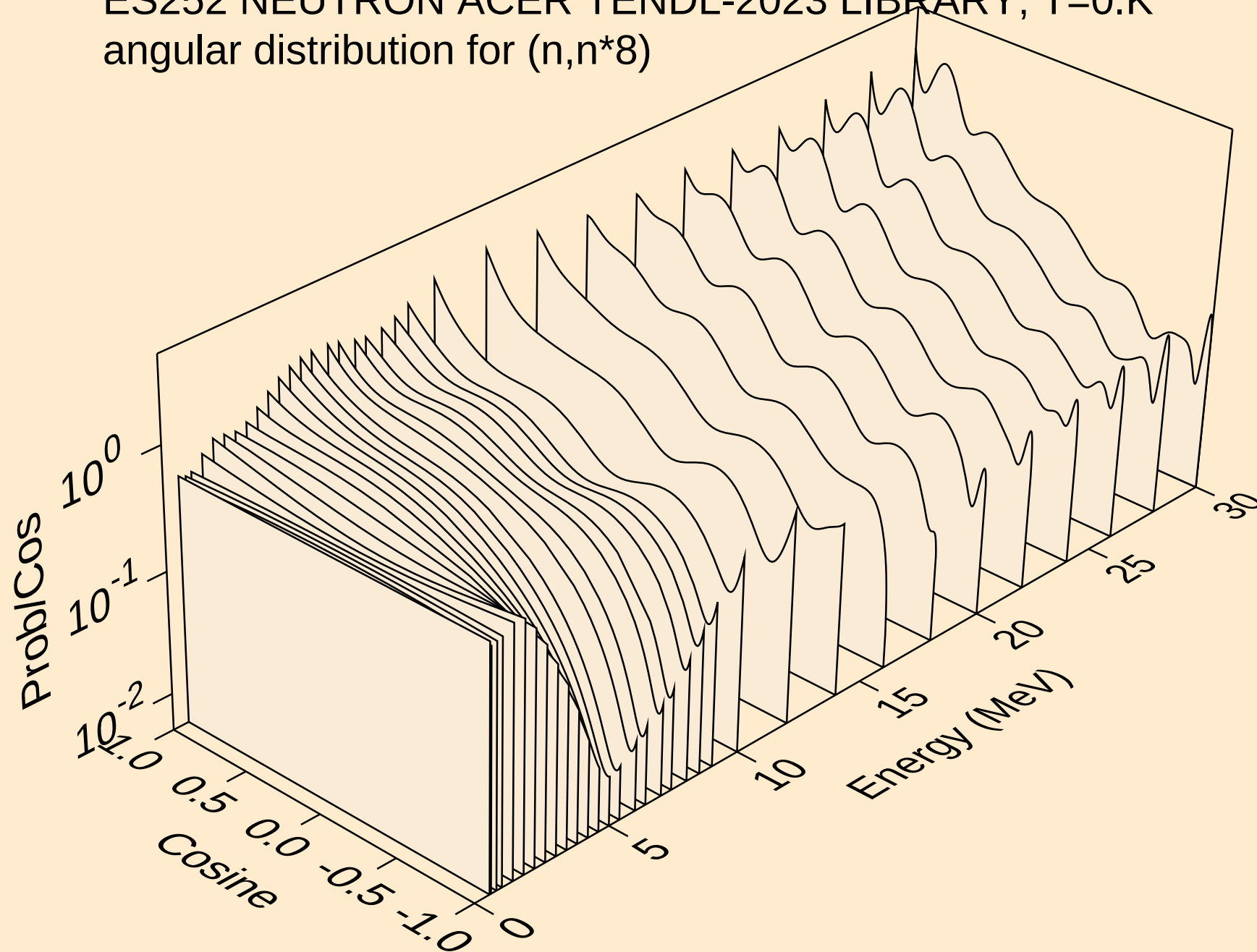
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angular distribution for (n,n*6)



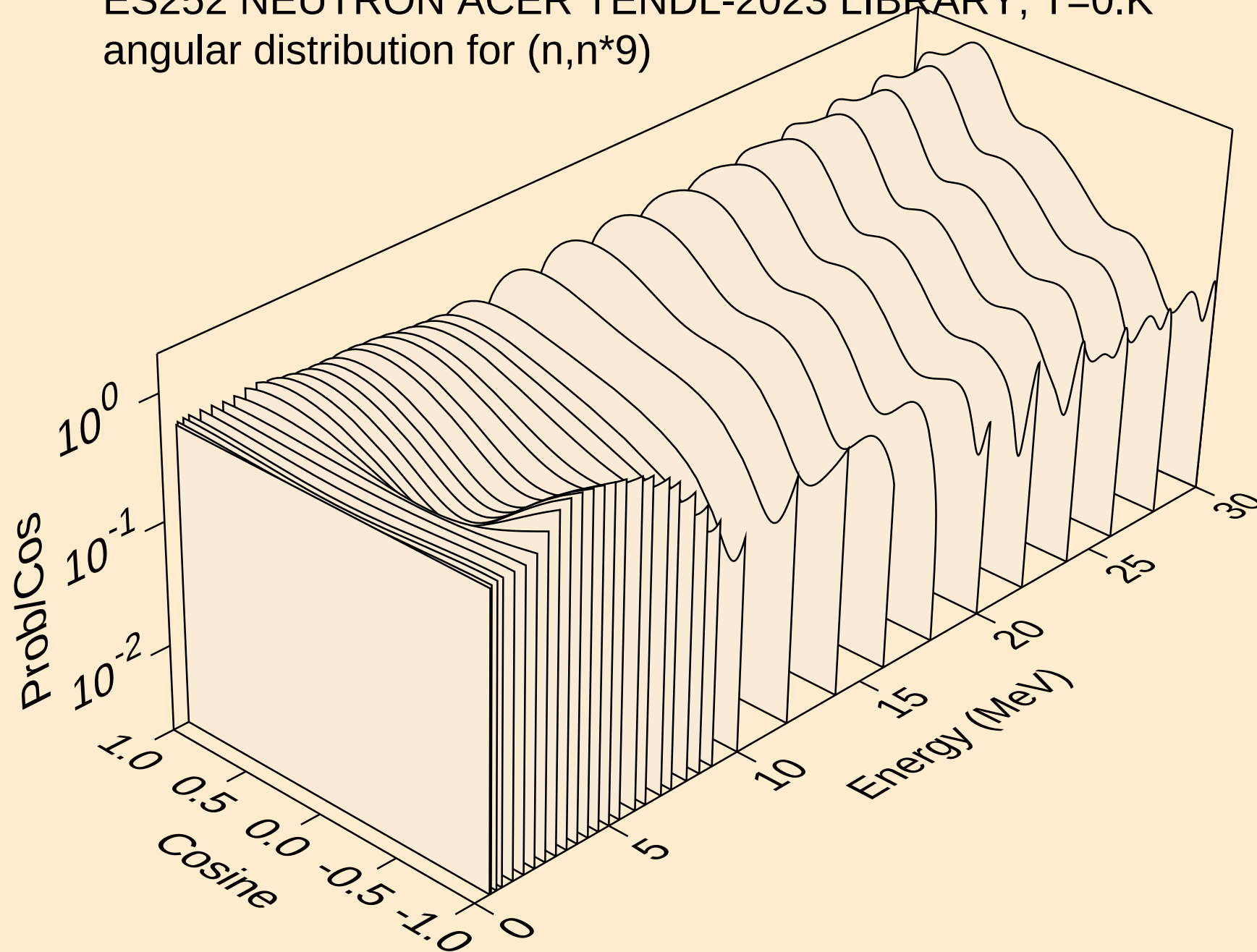
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angular distribution for (n,n*7)



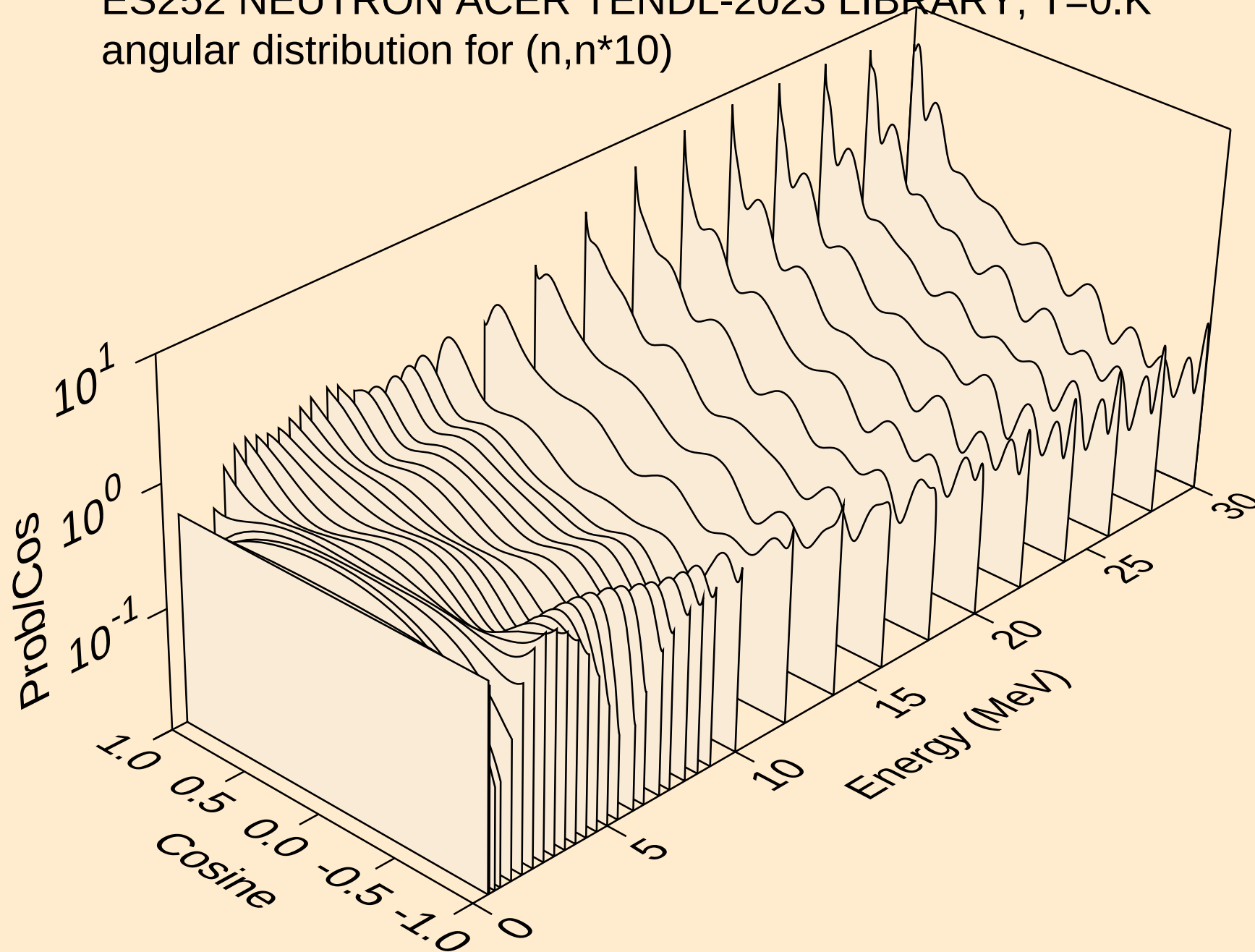
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angular distribution for (n,n*8)



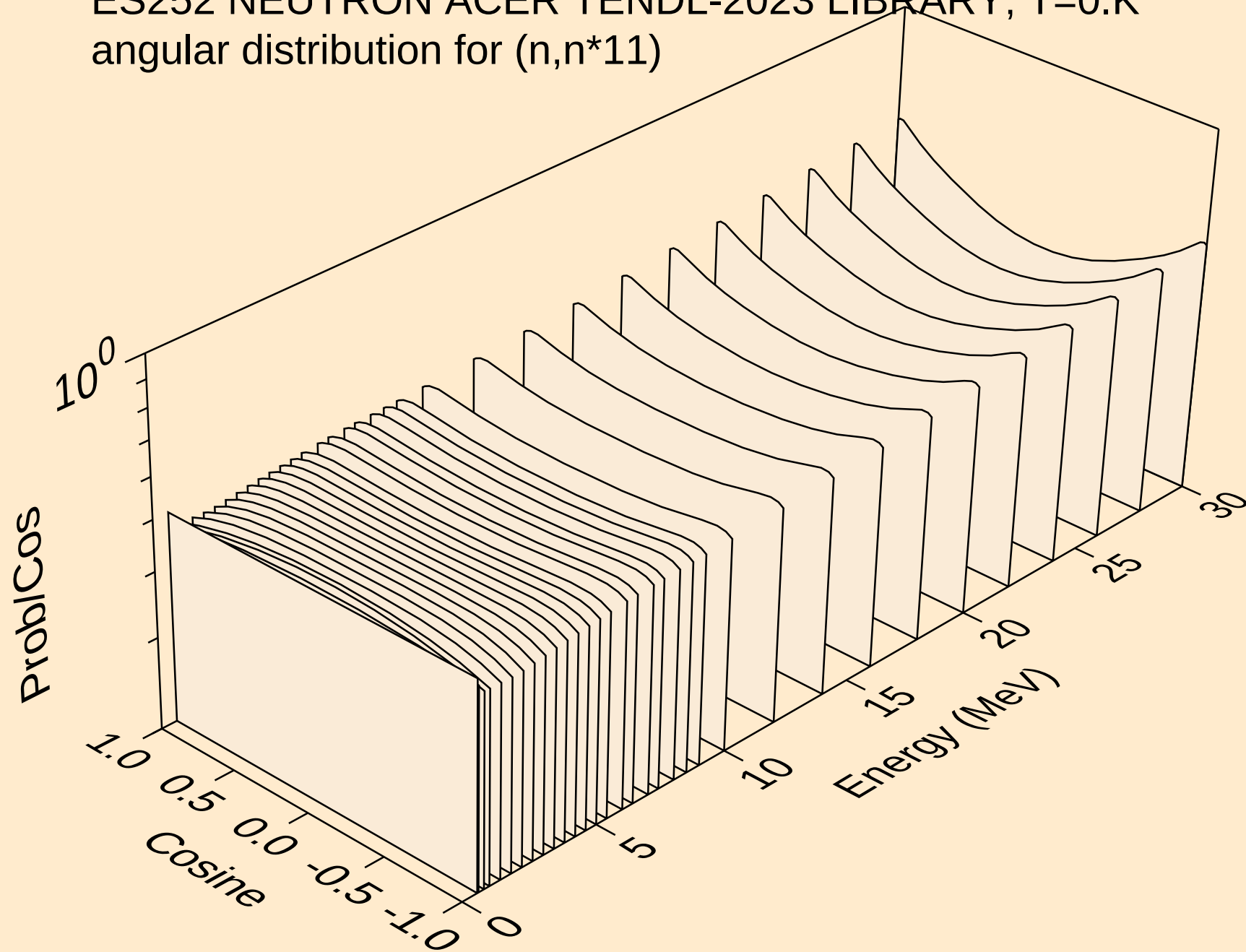
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angular distribution for (n,n*9)



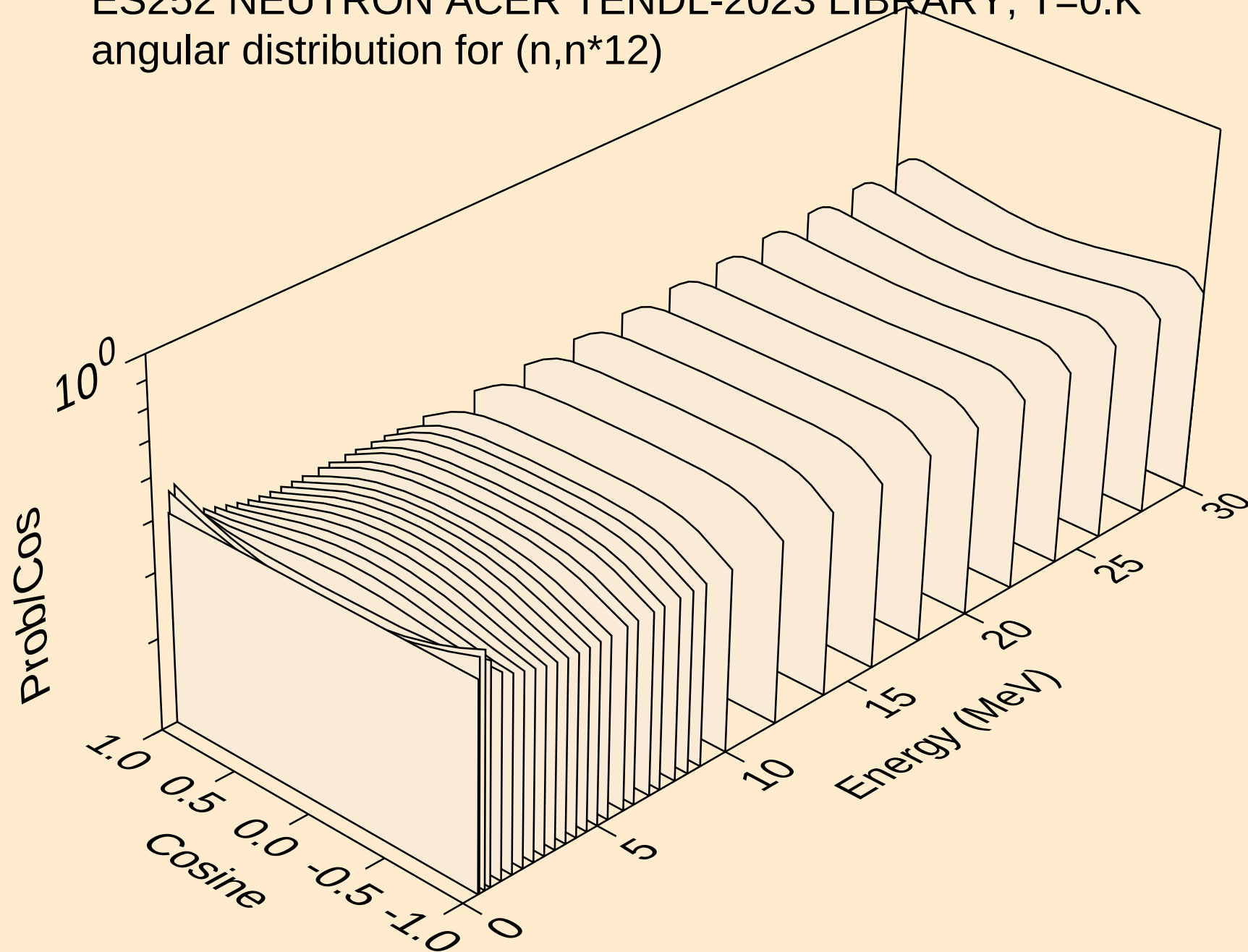
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angular distribution for (n,n*10)



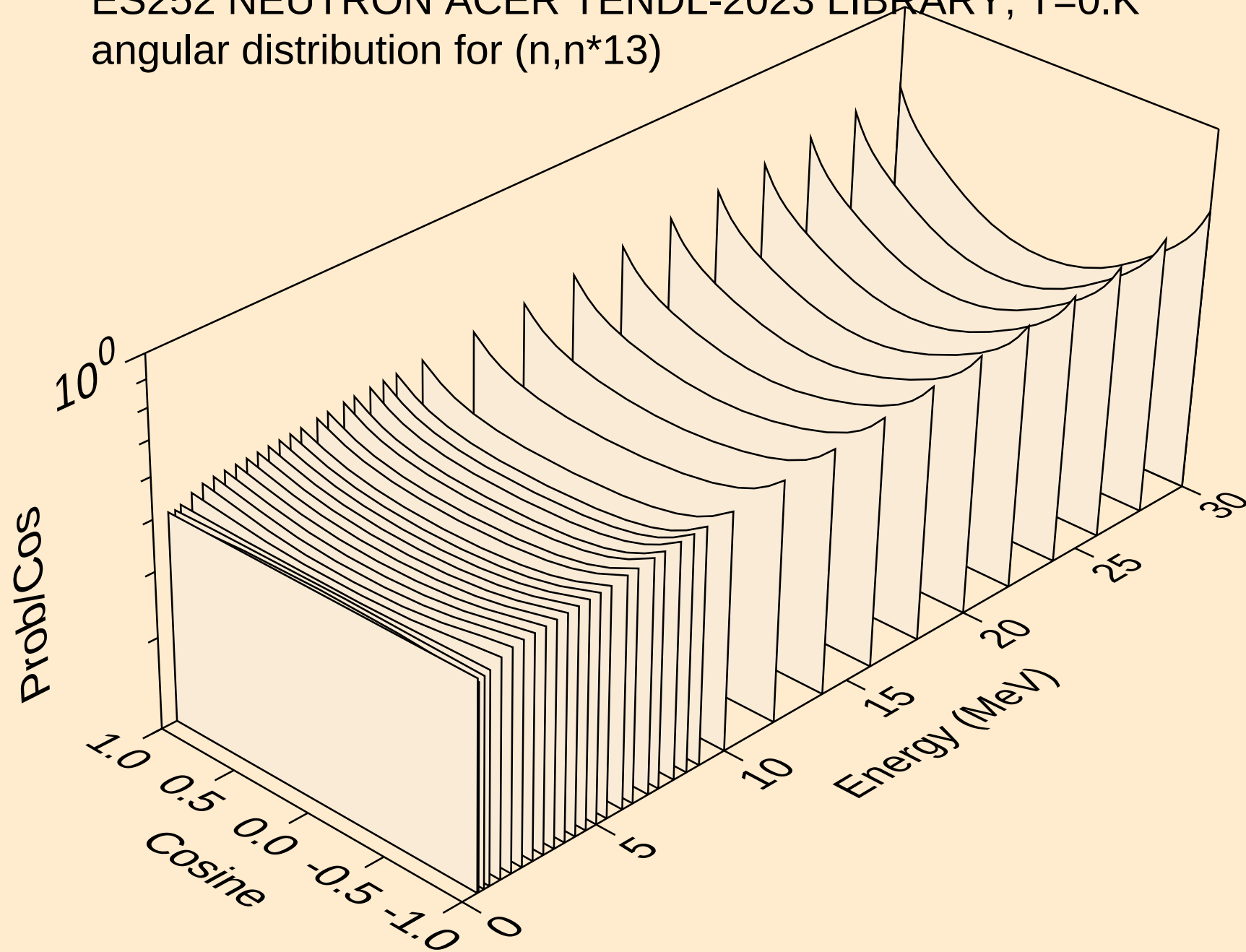
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angular distribution for (n,n*11)



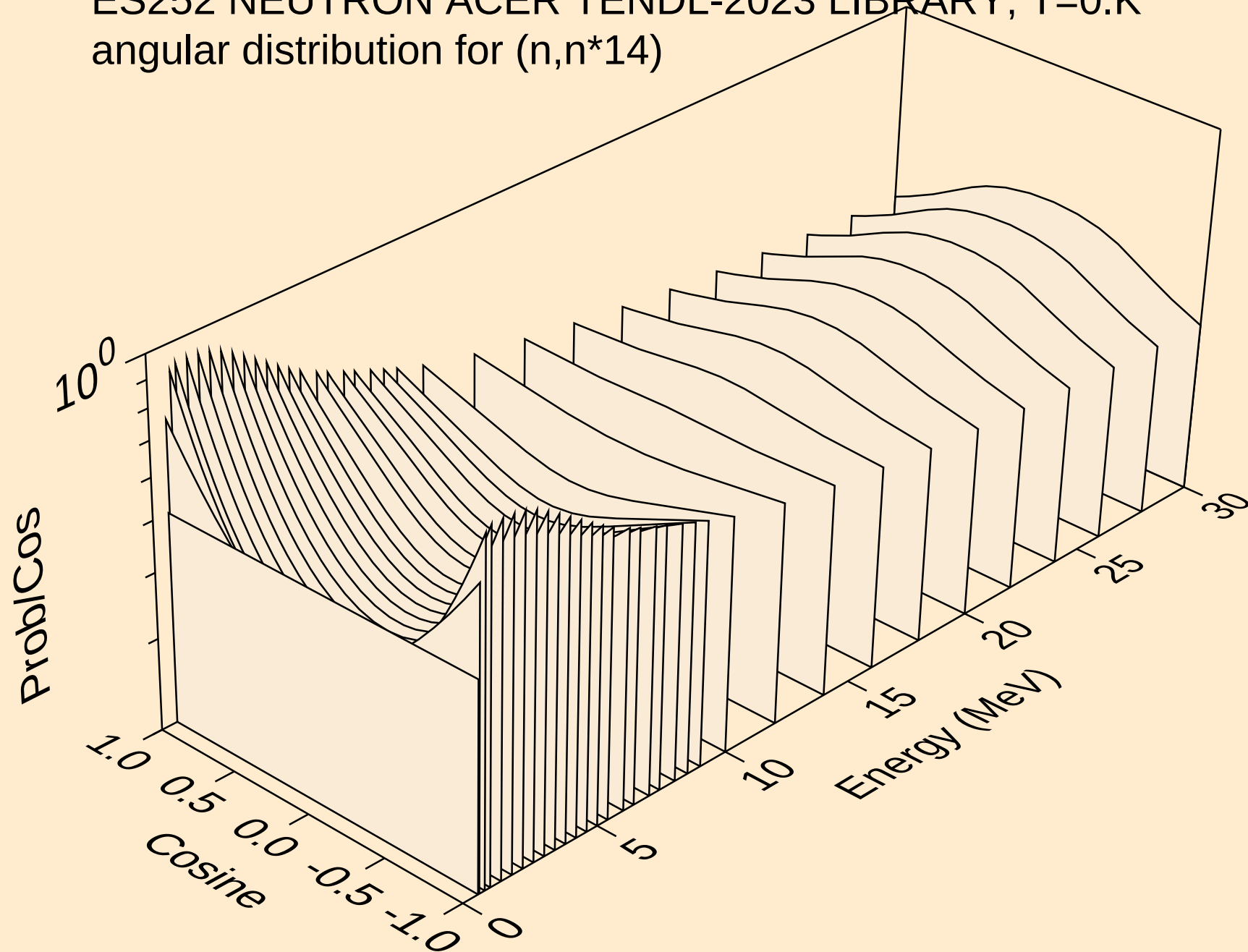
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angular distribution for (n,n*12)



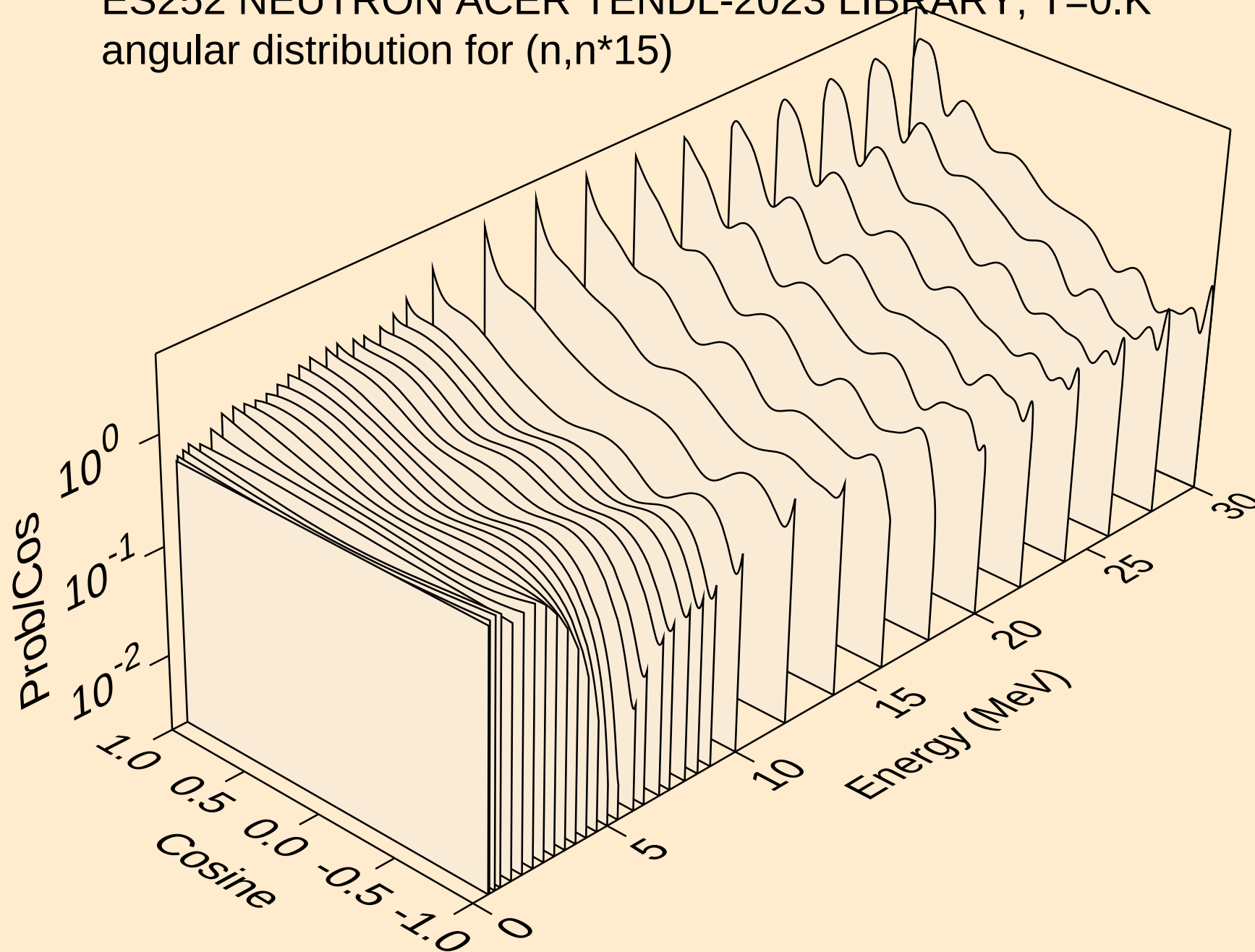
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angular distribution for (n,n*13)



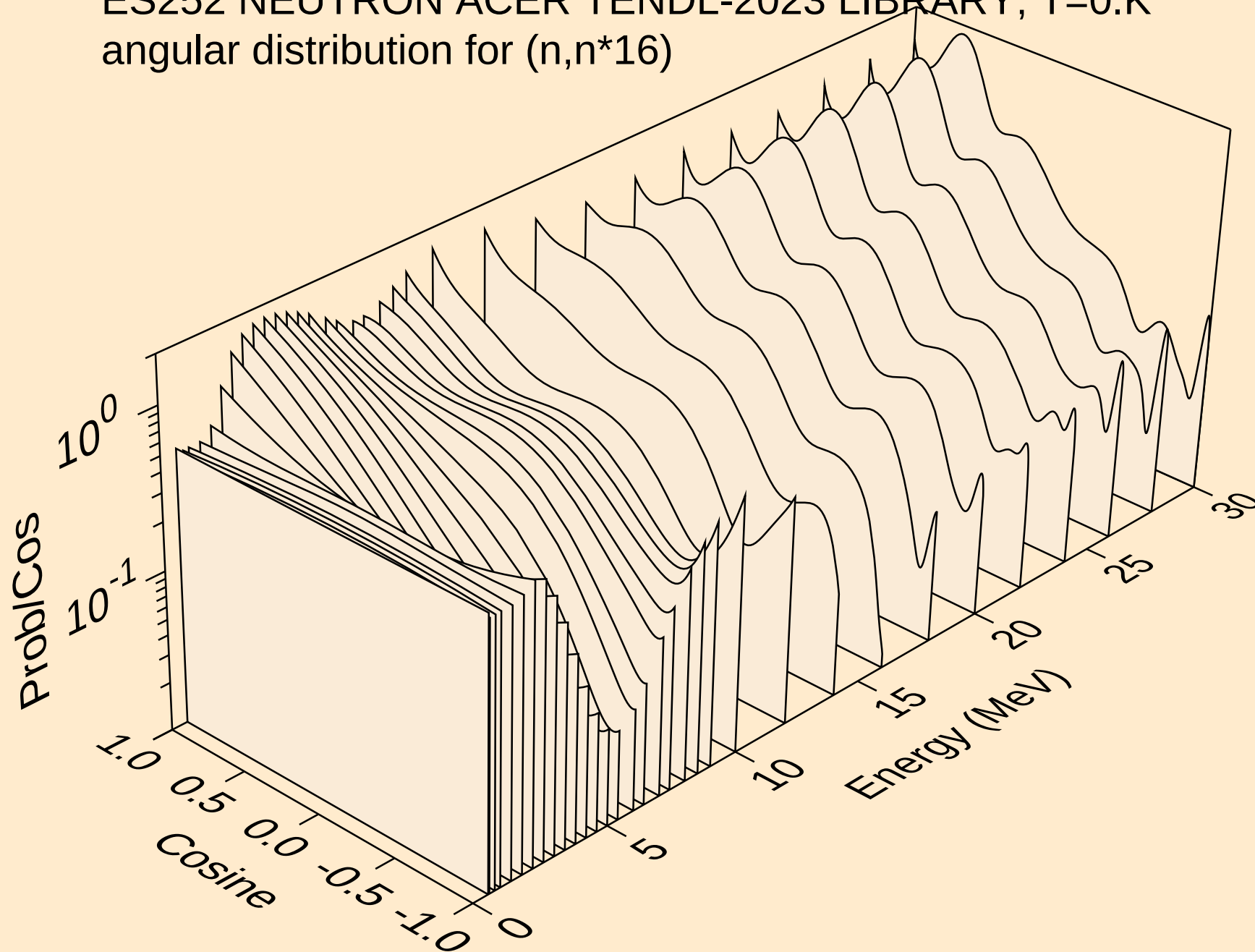
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angular distribution for (n,n*14)



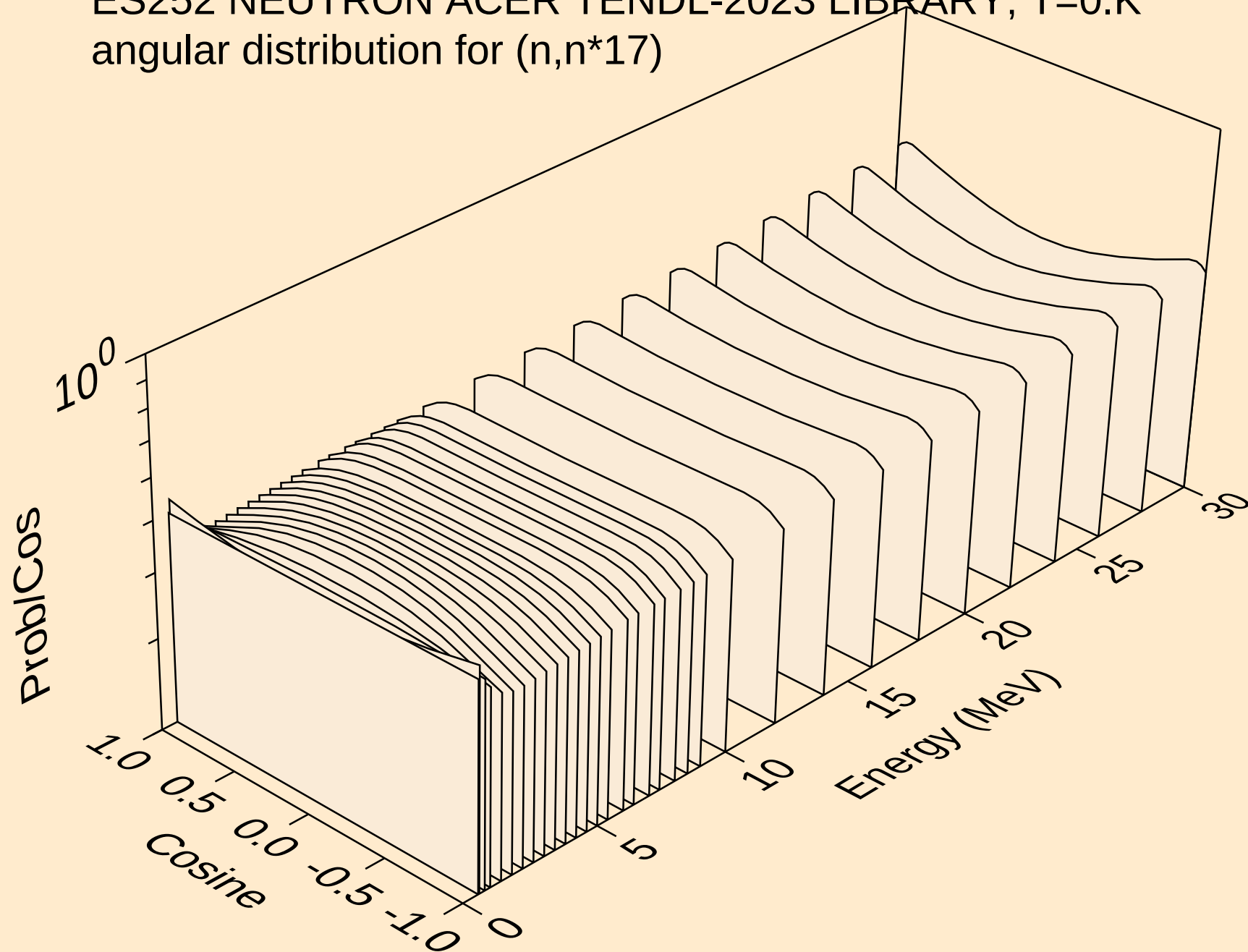
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angular distribution for (n,n*15)



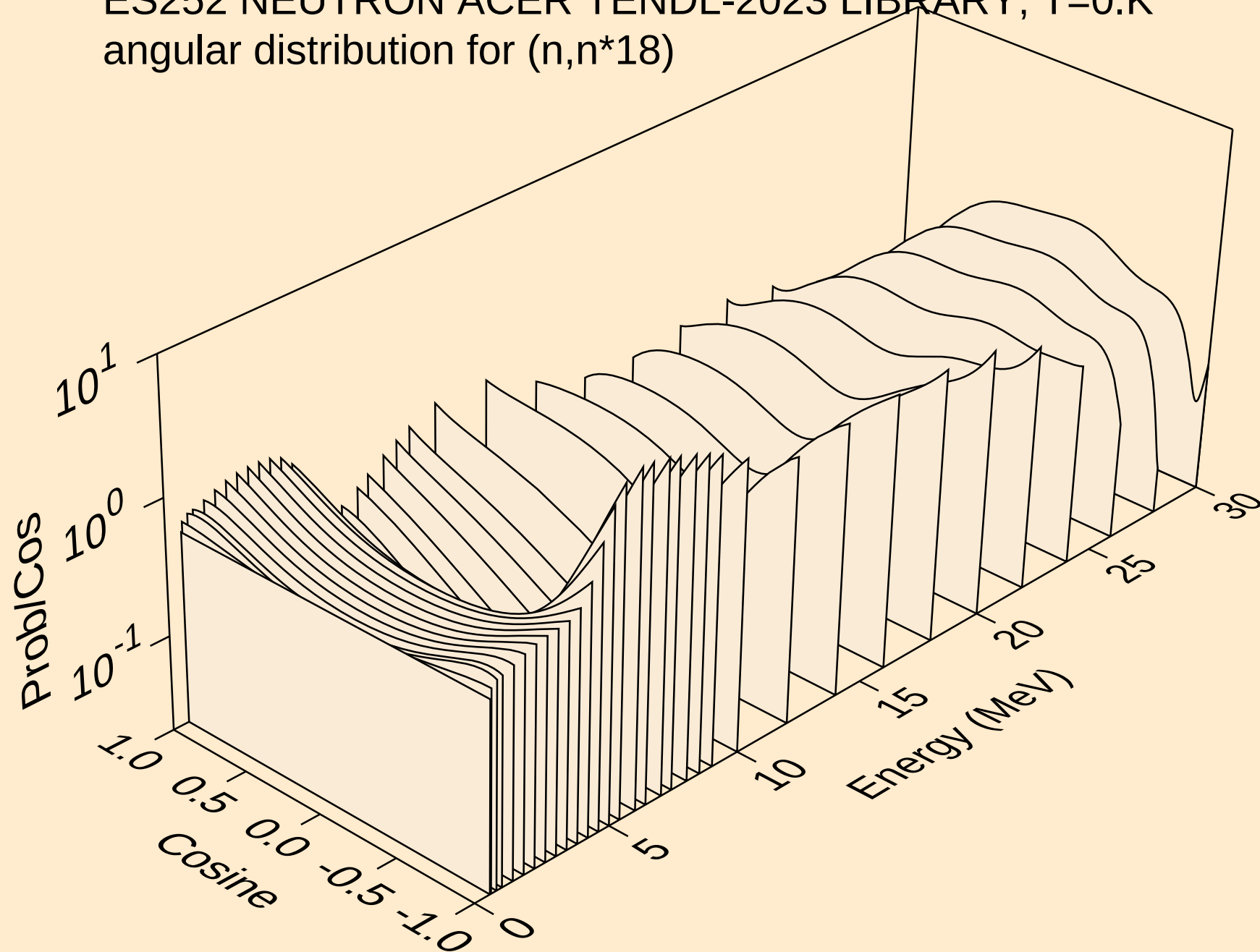
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angular distribution for (n,n*16)



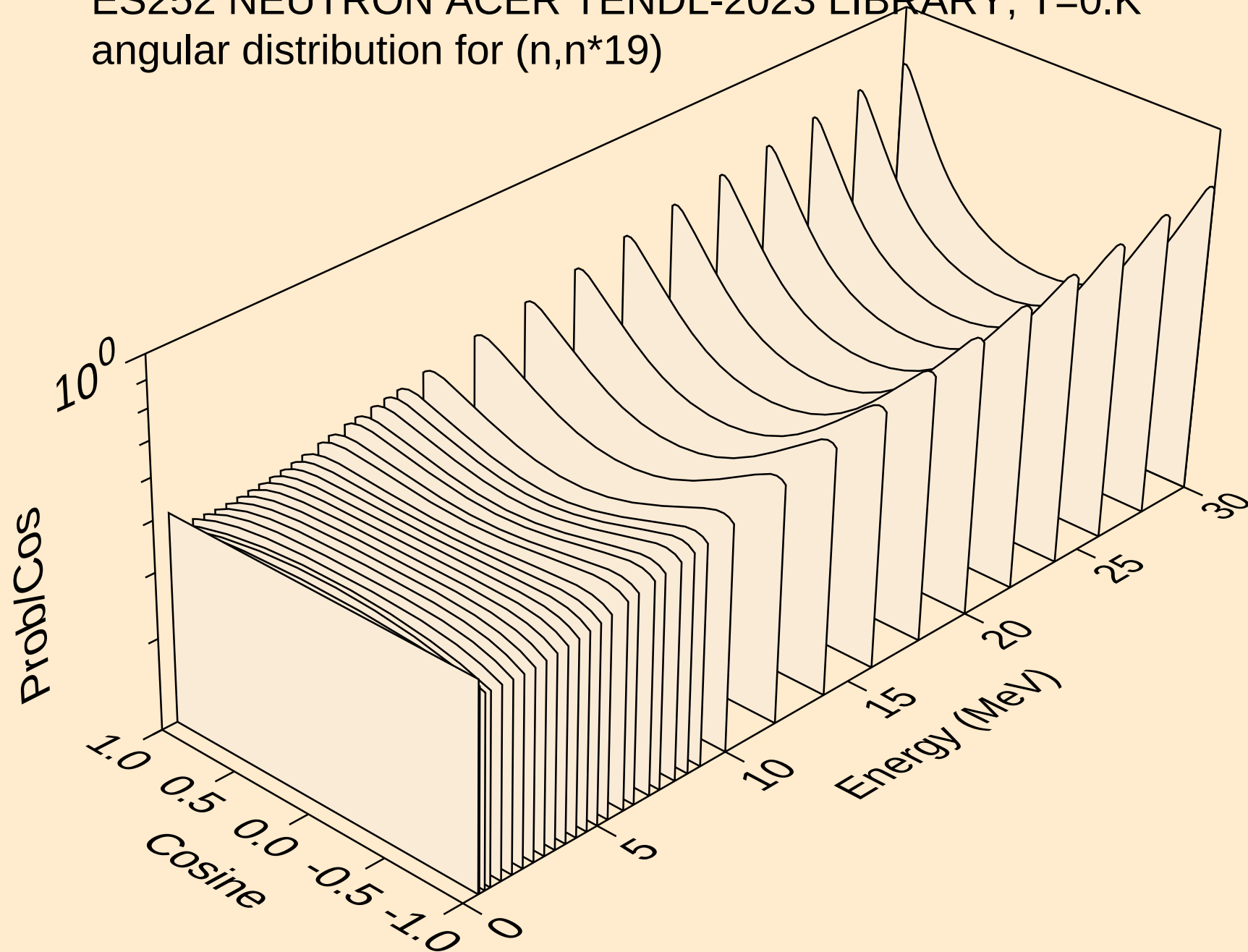
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angular distribution for (n,n*17)



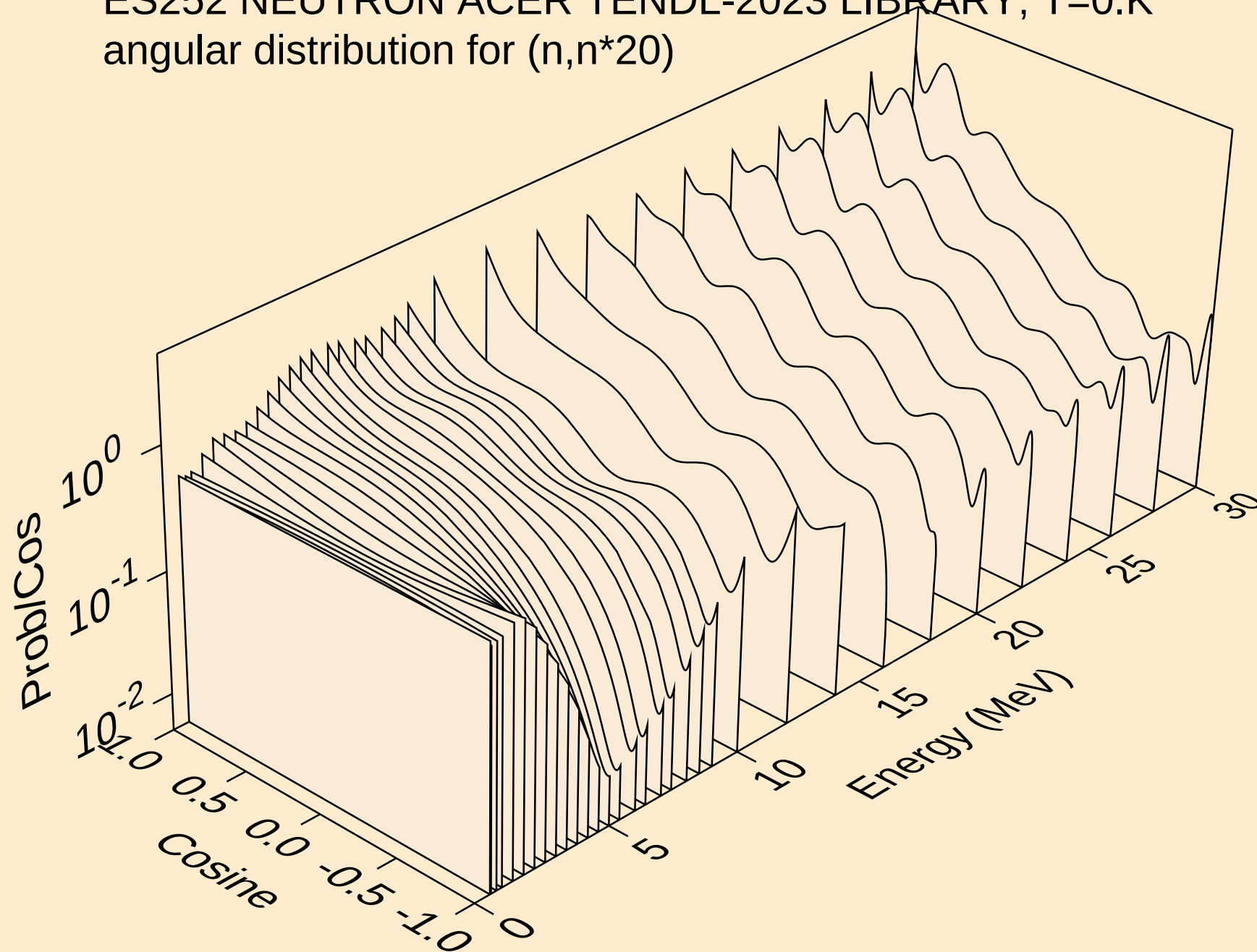
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angular distribution for (n,n*18)



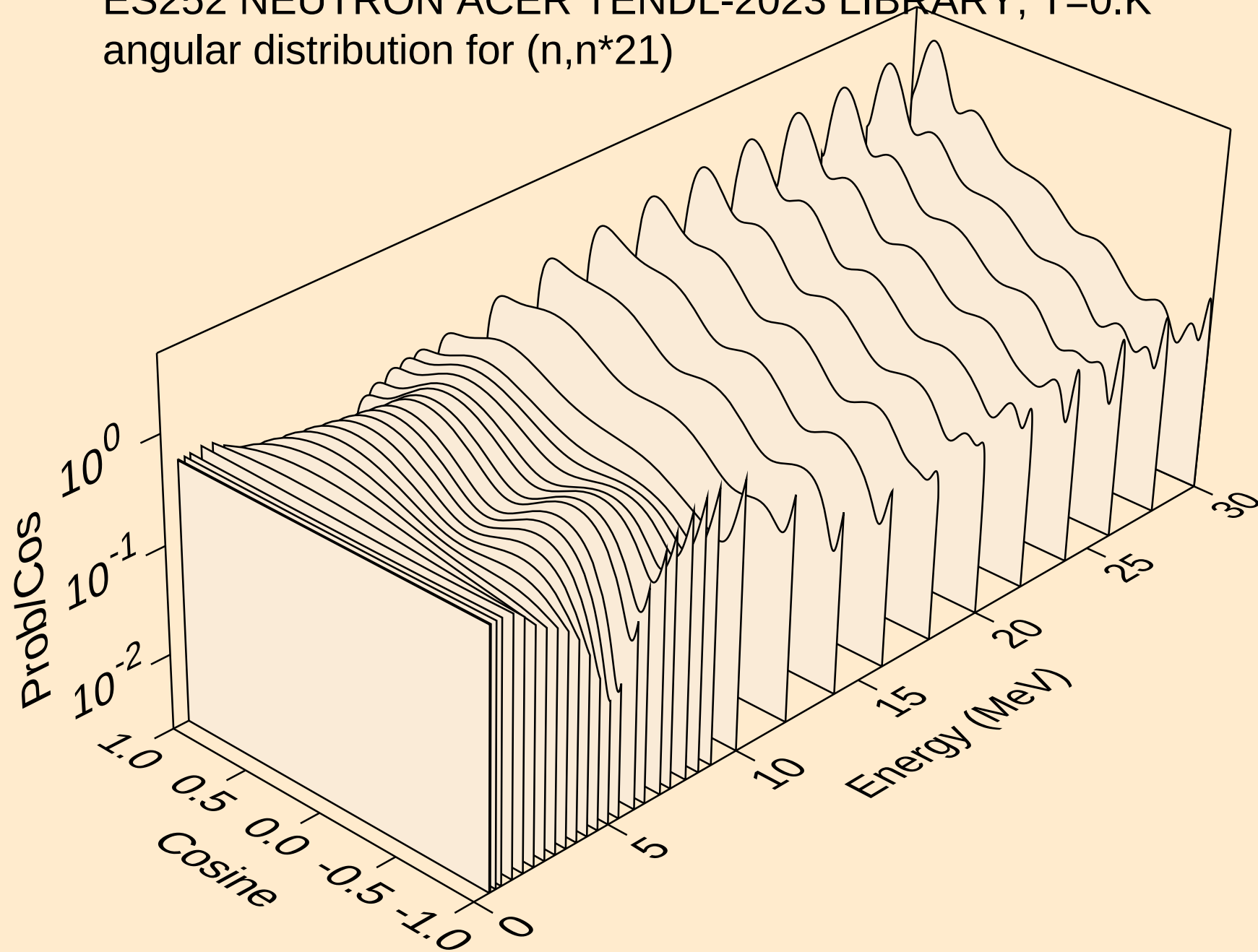
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angular distribution for (n,n*19)



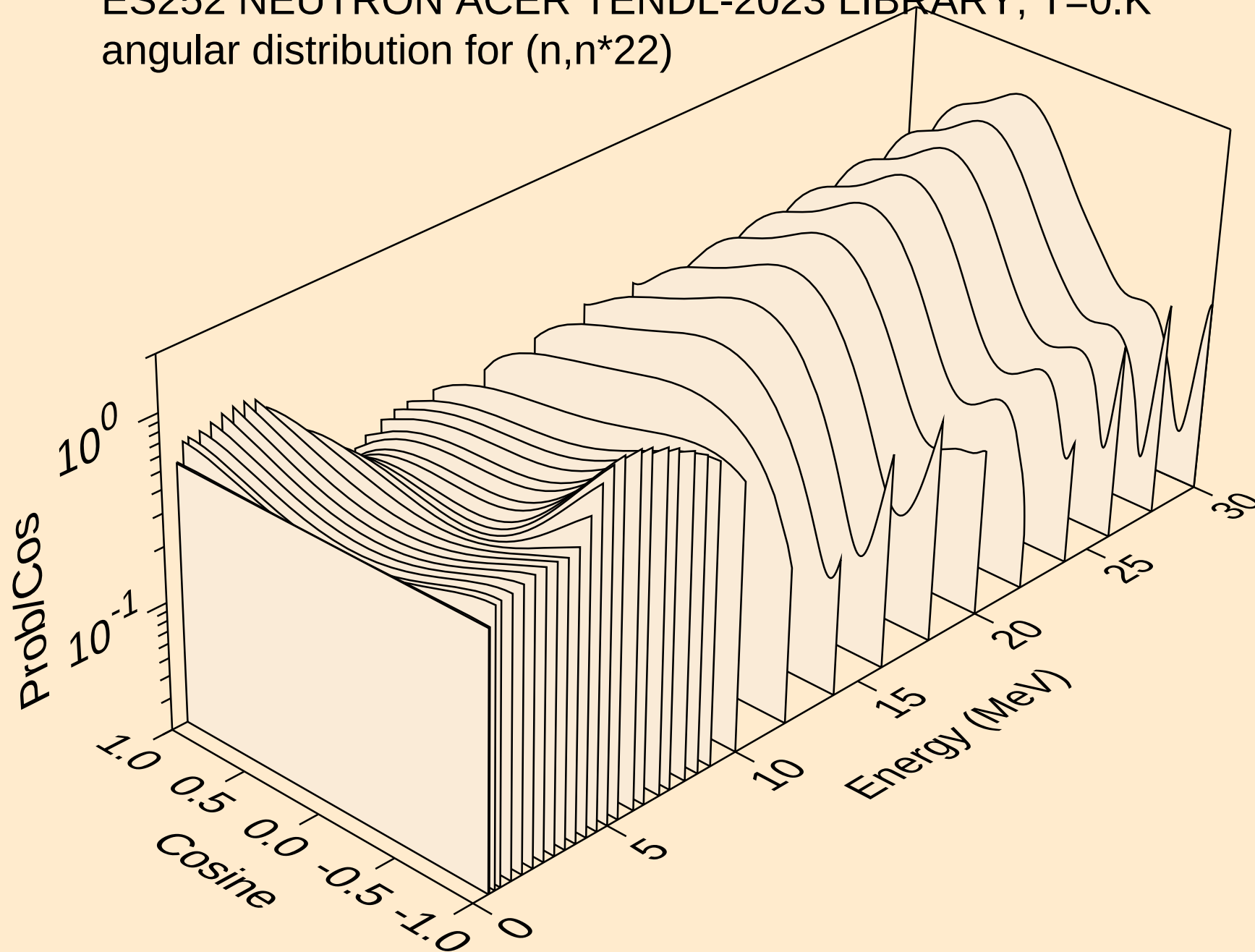
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angular distribution for (n,n*20)



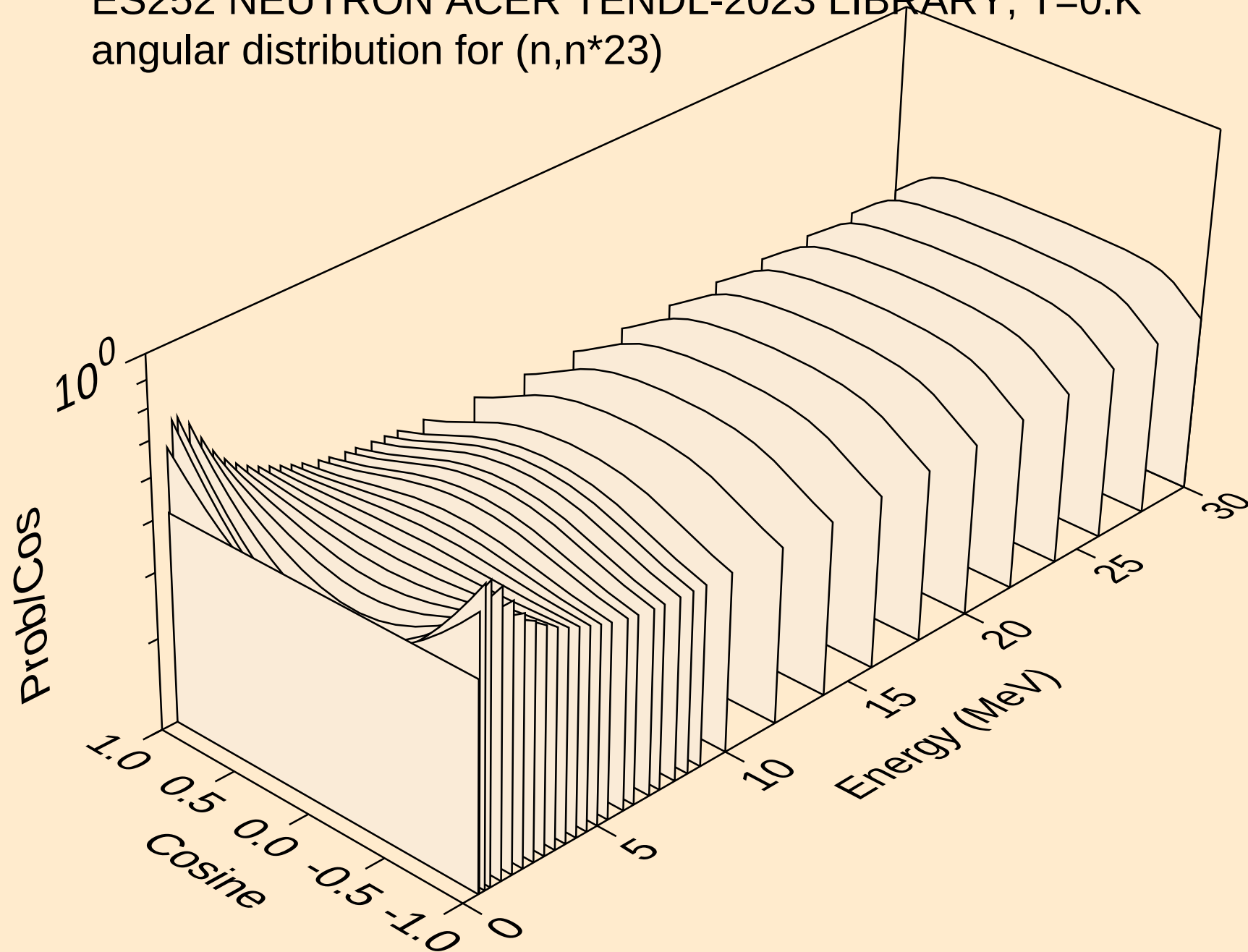
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angular distribution for (n,n*21)



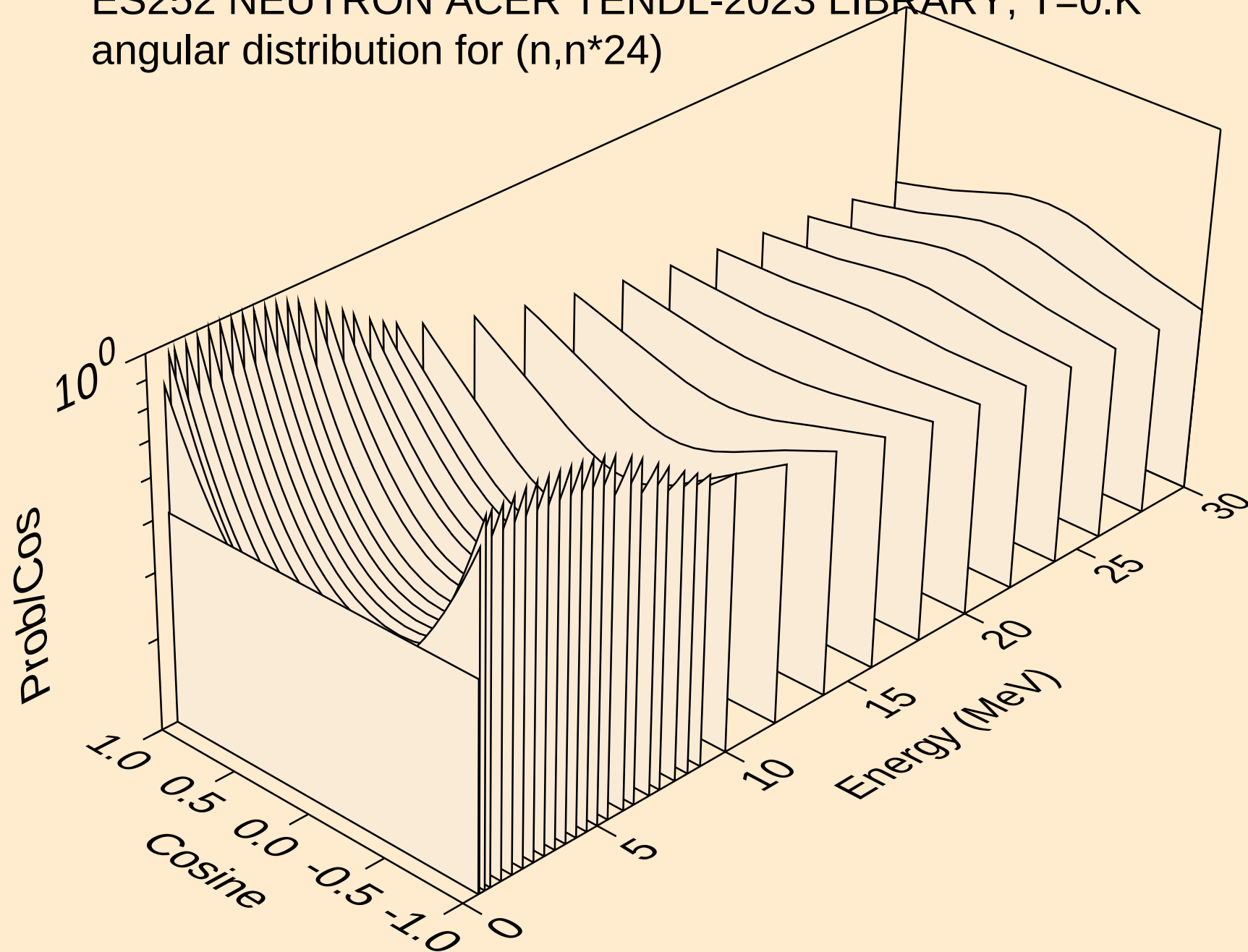
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angular distribution for (n,n*22)



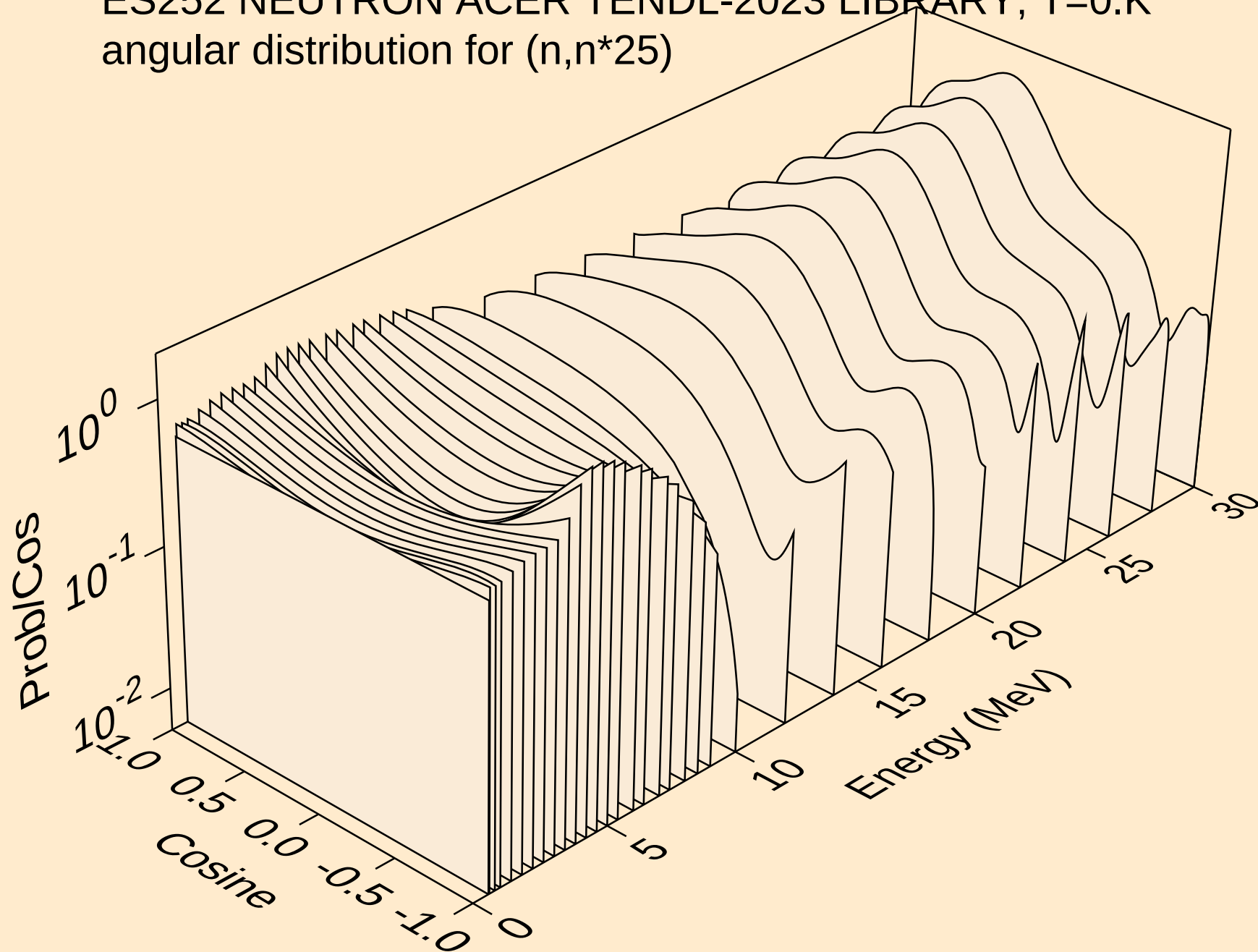
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angular distribution for (n,n*23)



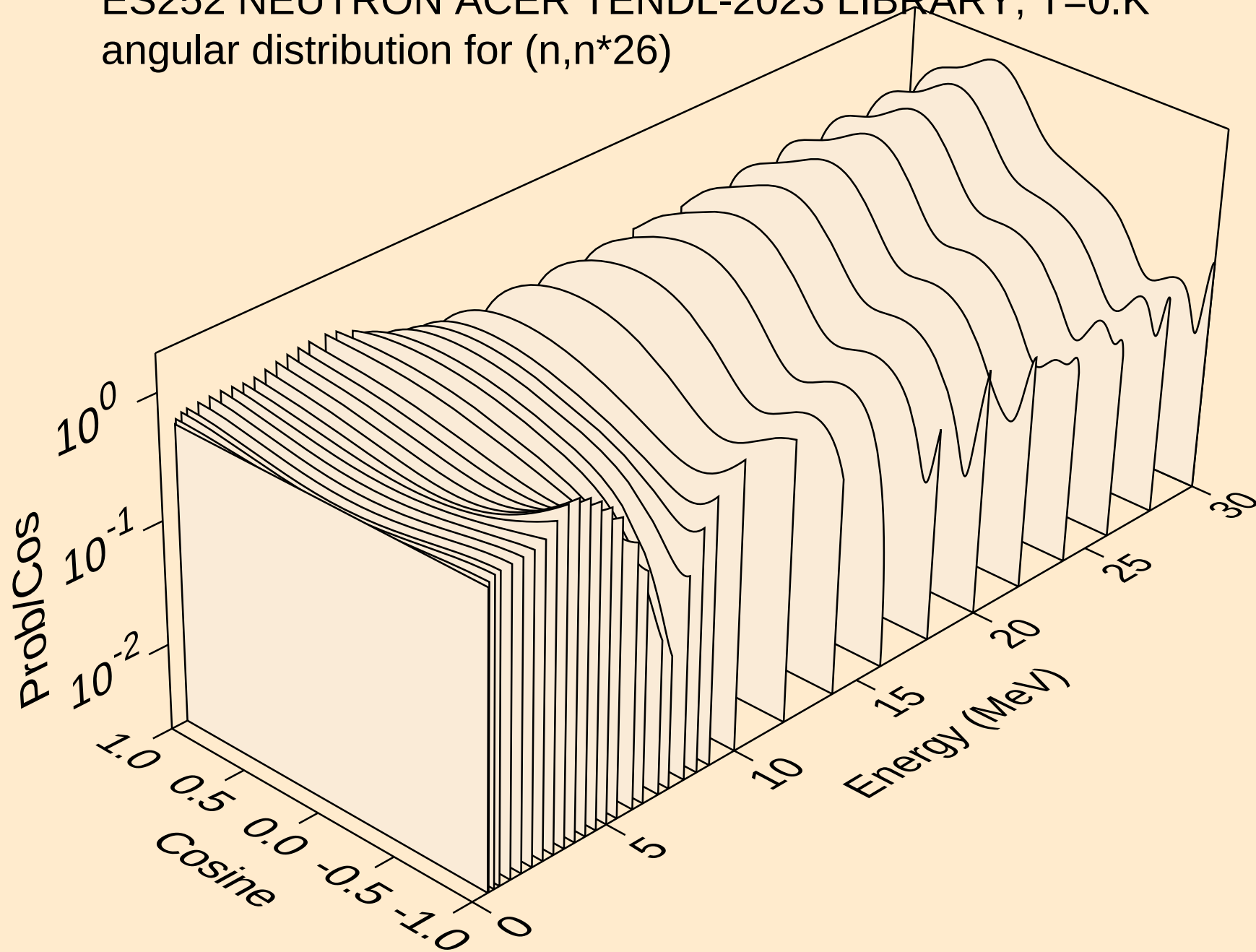
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angular distribution for (n,n*24)



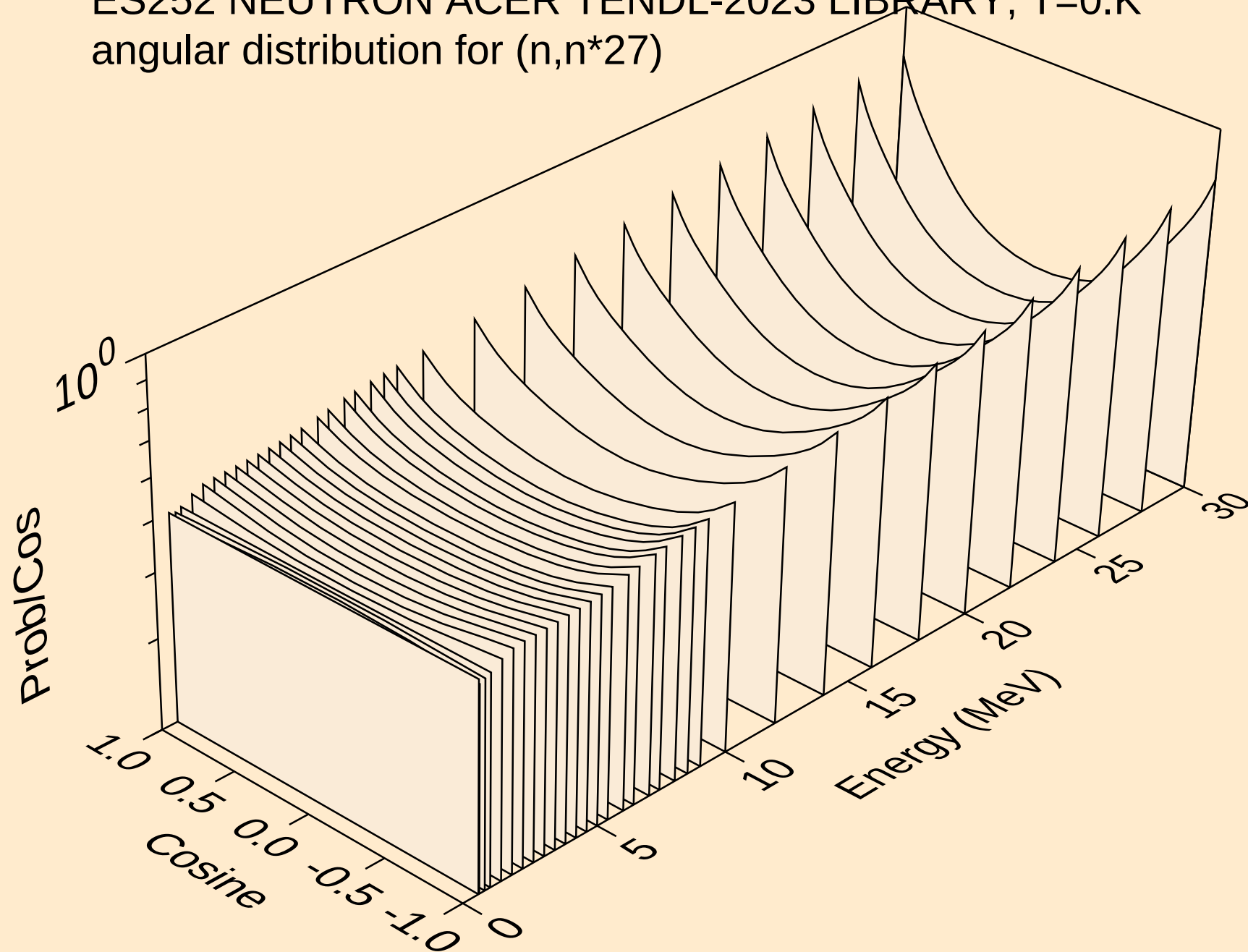
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)

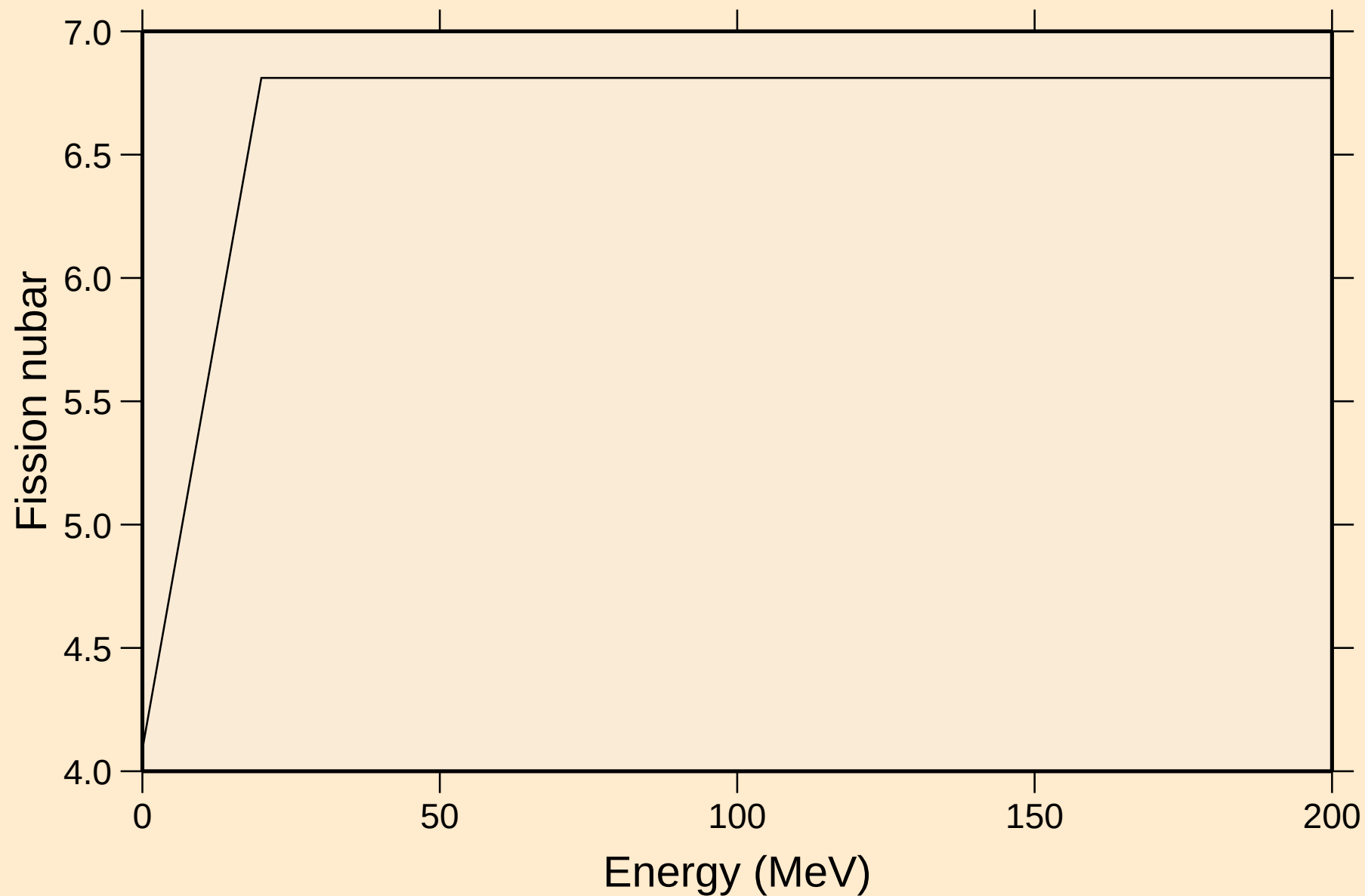


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



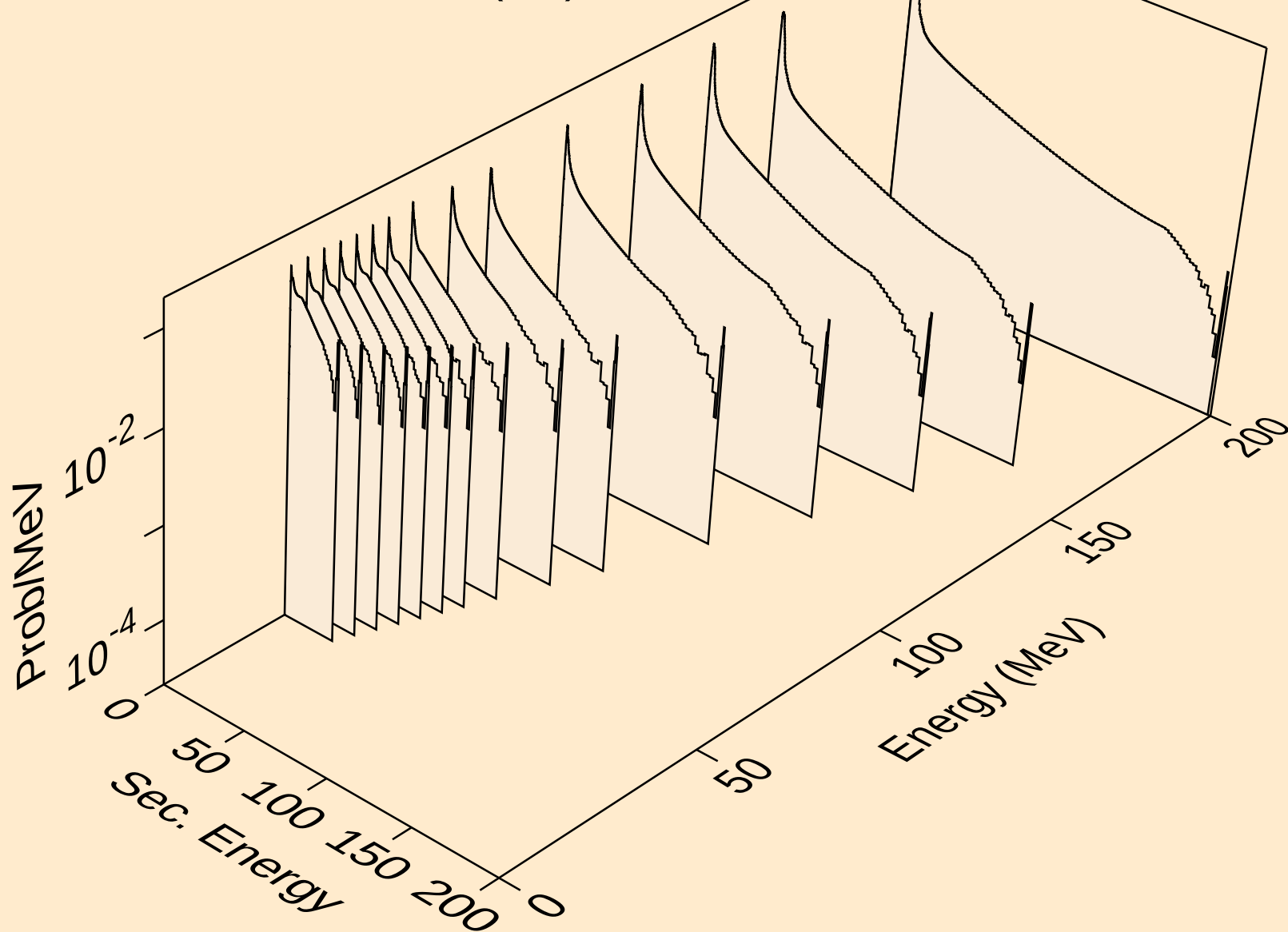
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Total fission nubar

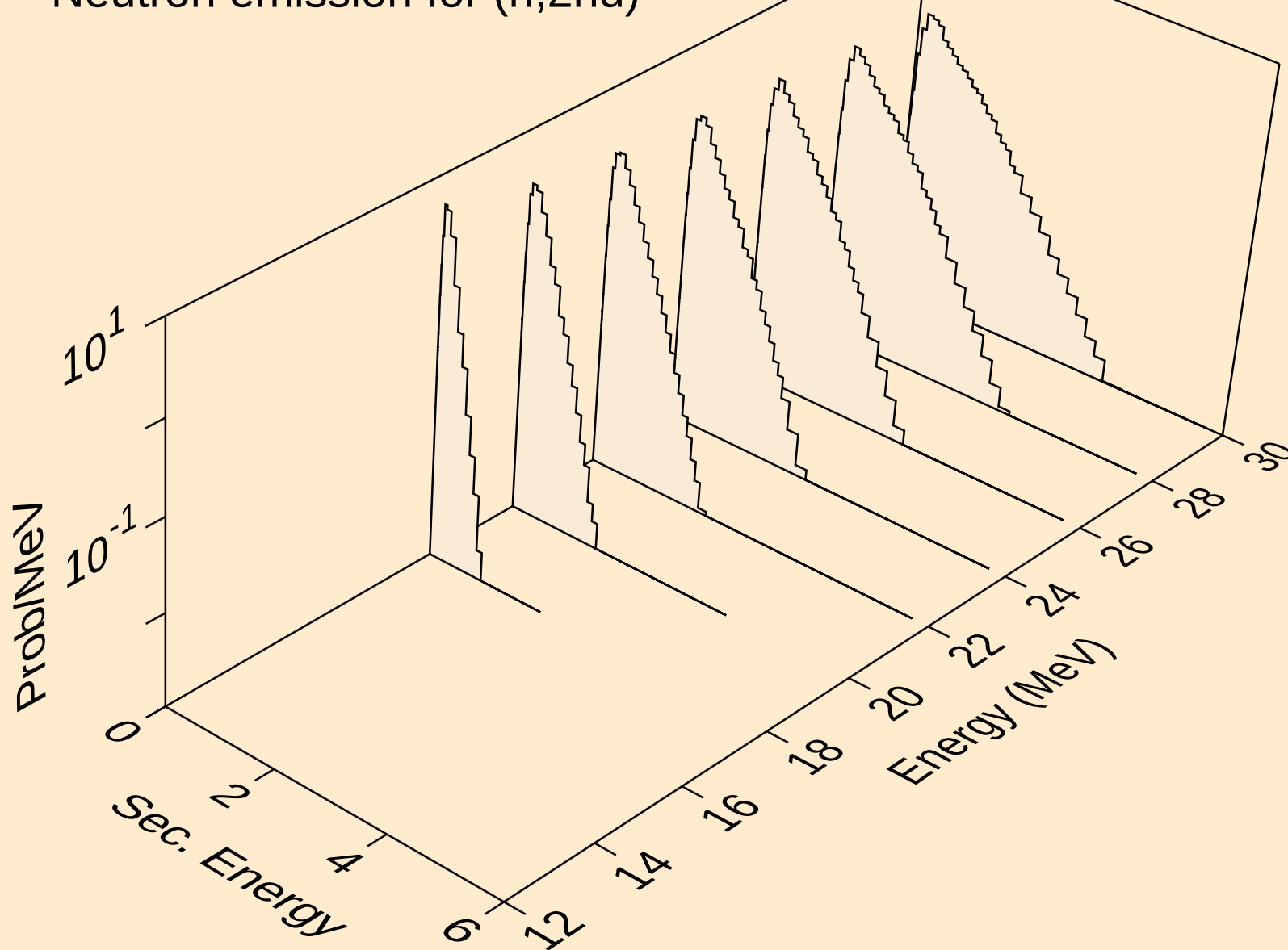


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

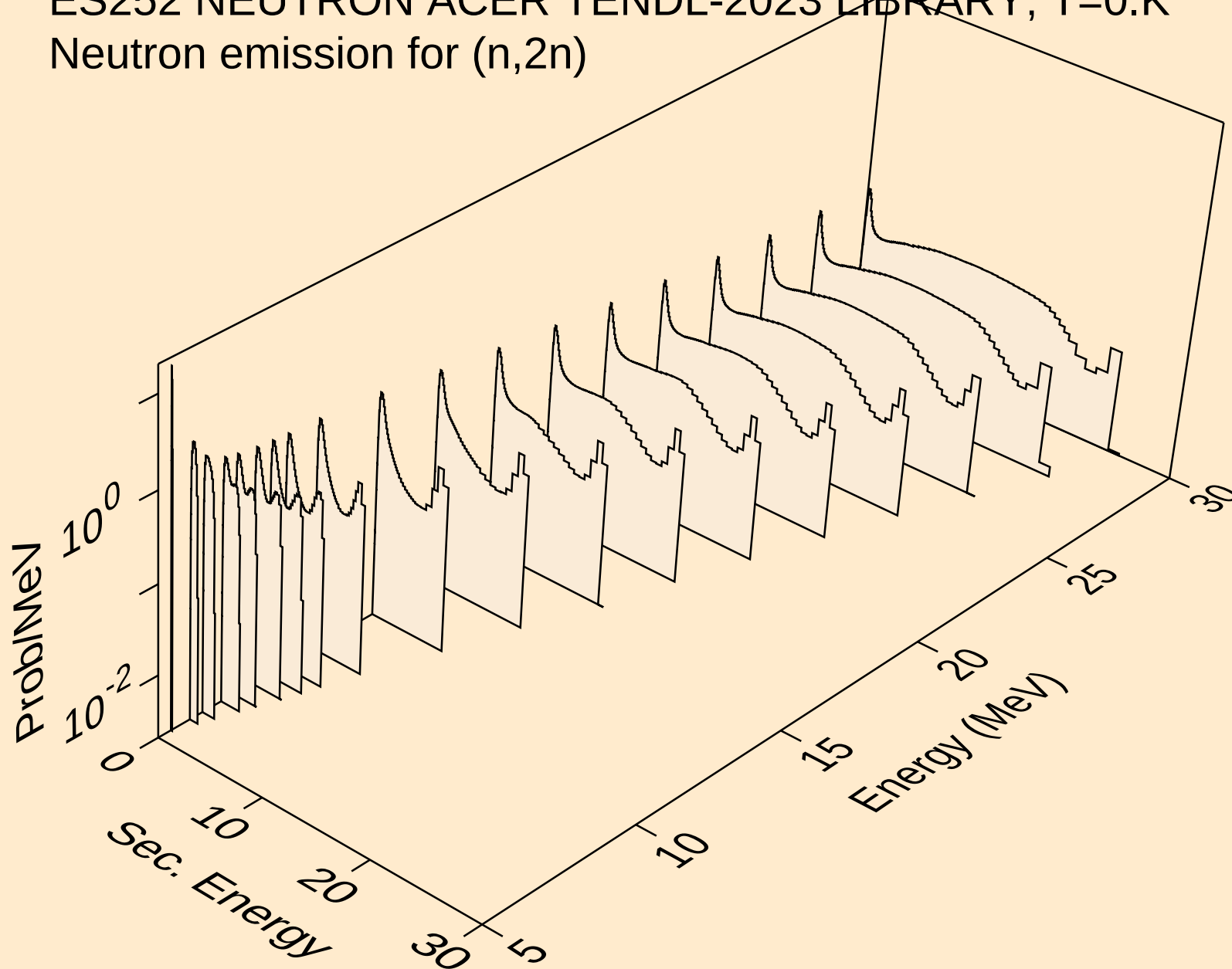
Neutron emission for (n,x)



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)

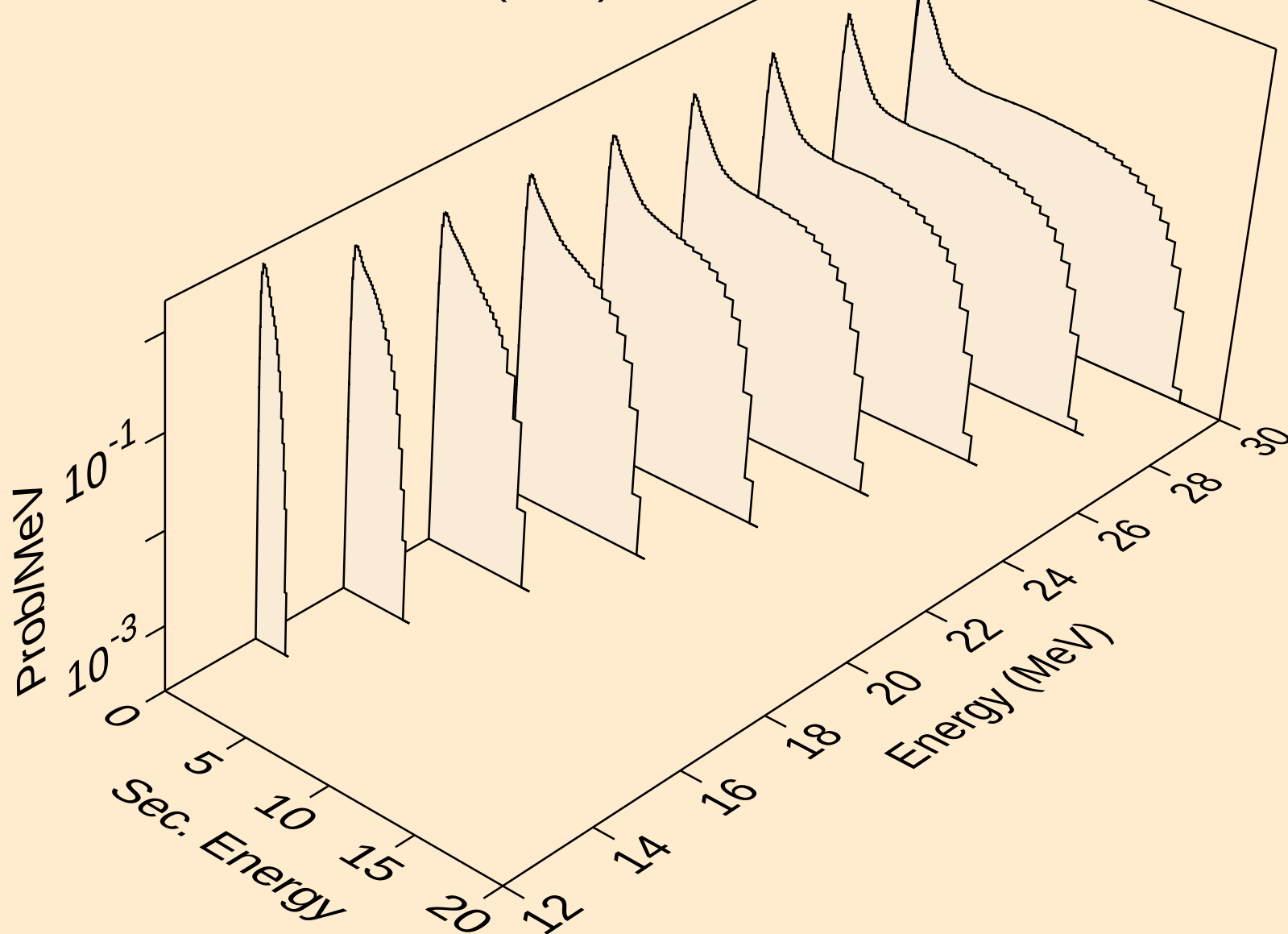


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

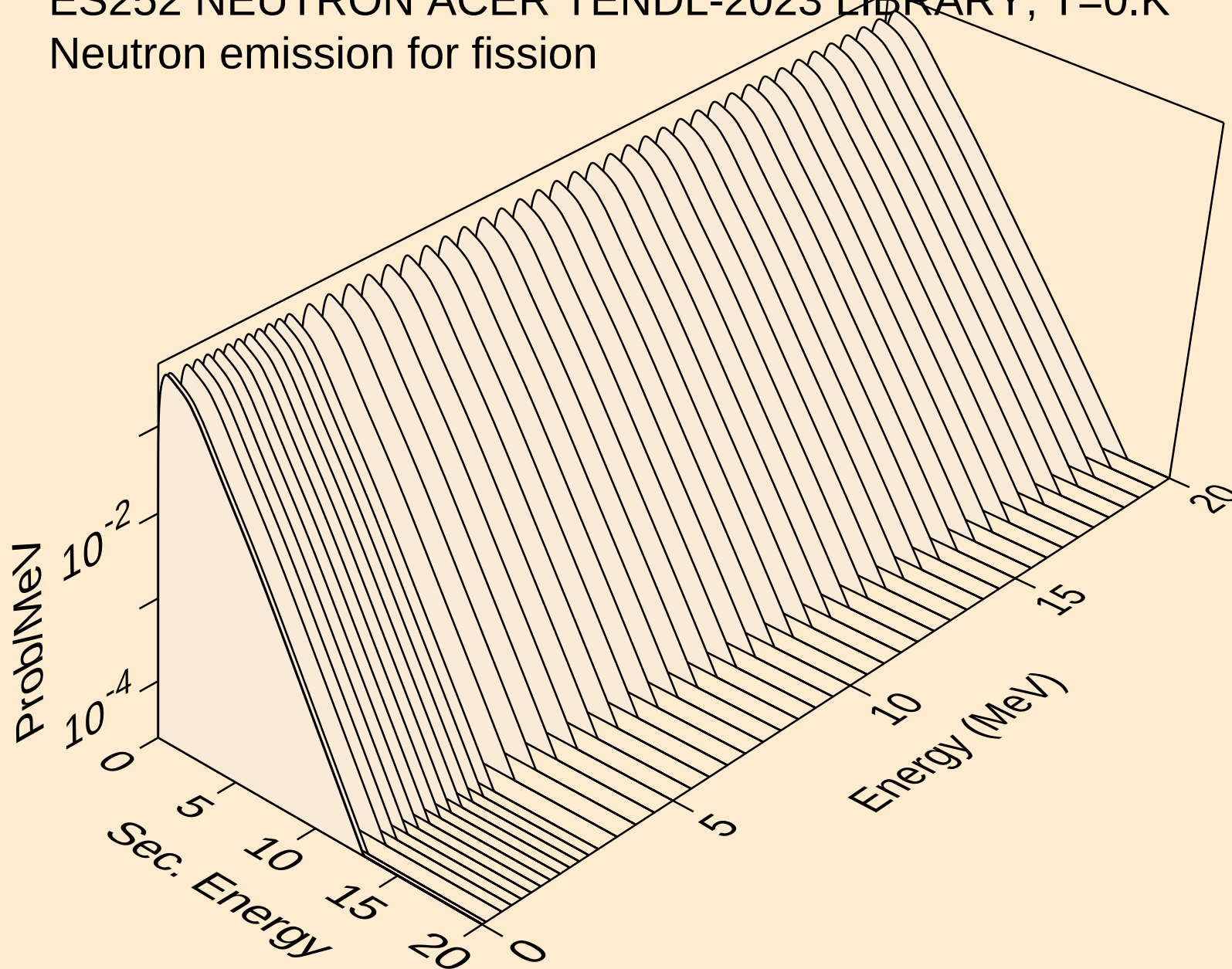


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,3n)

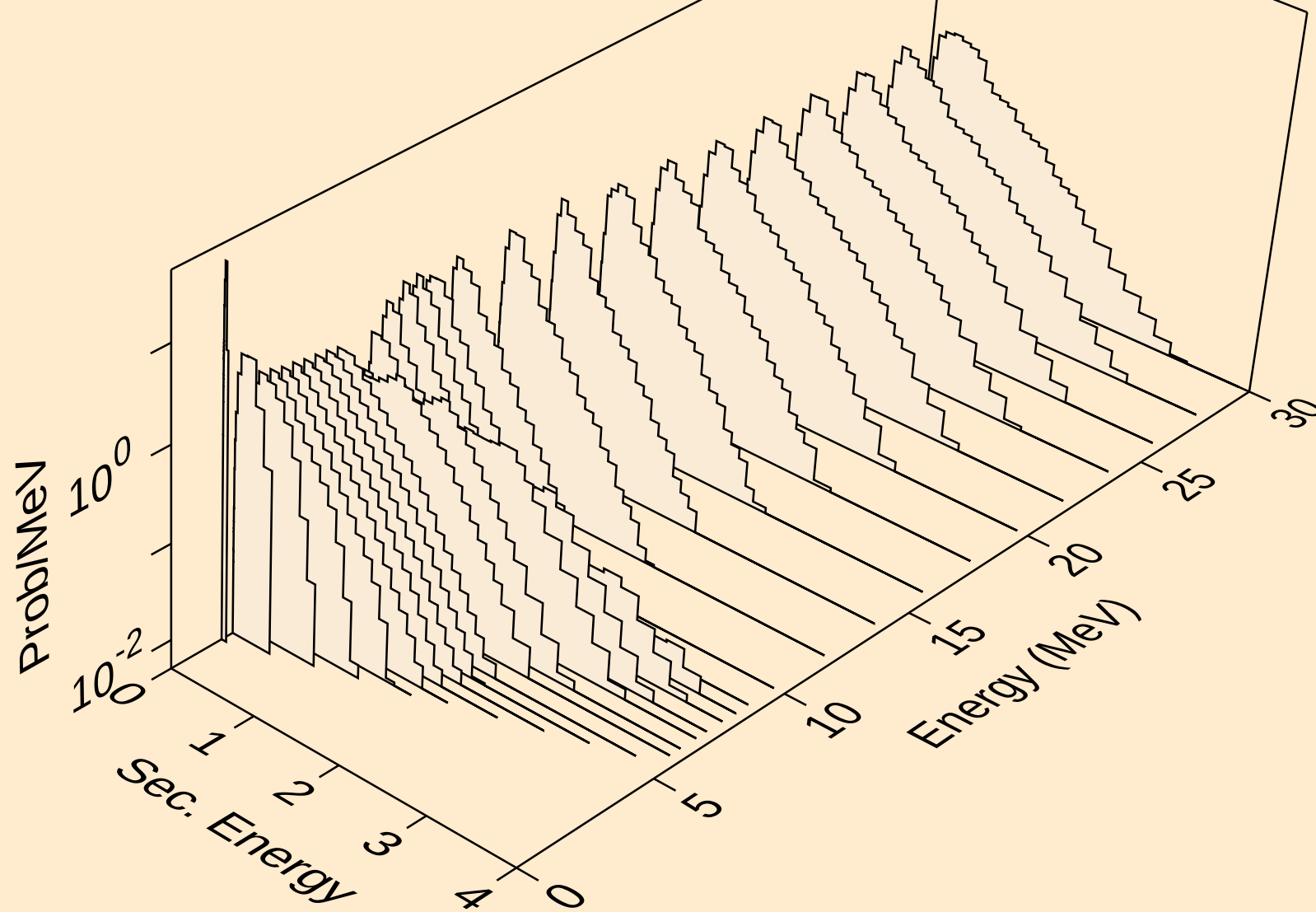


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



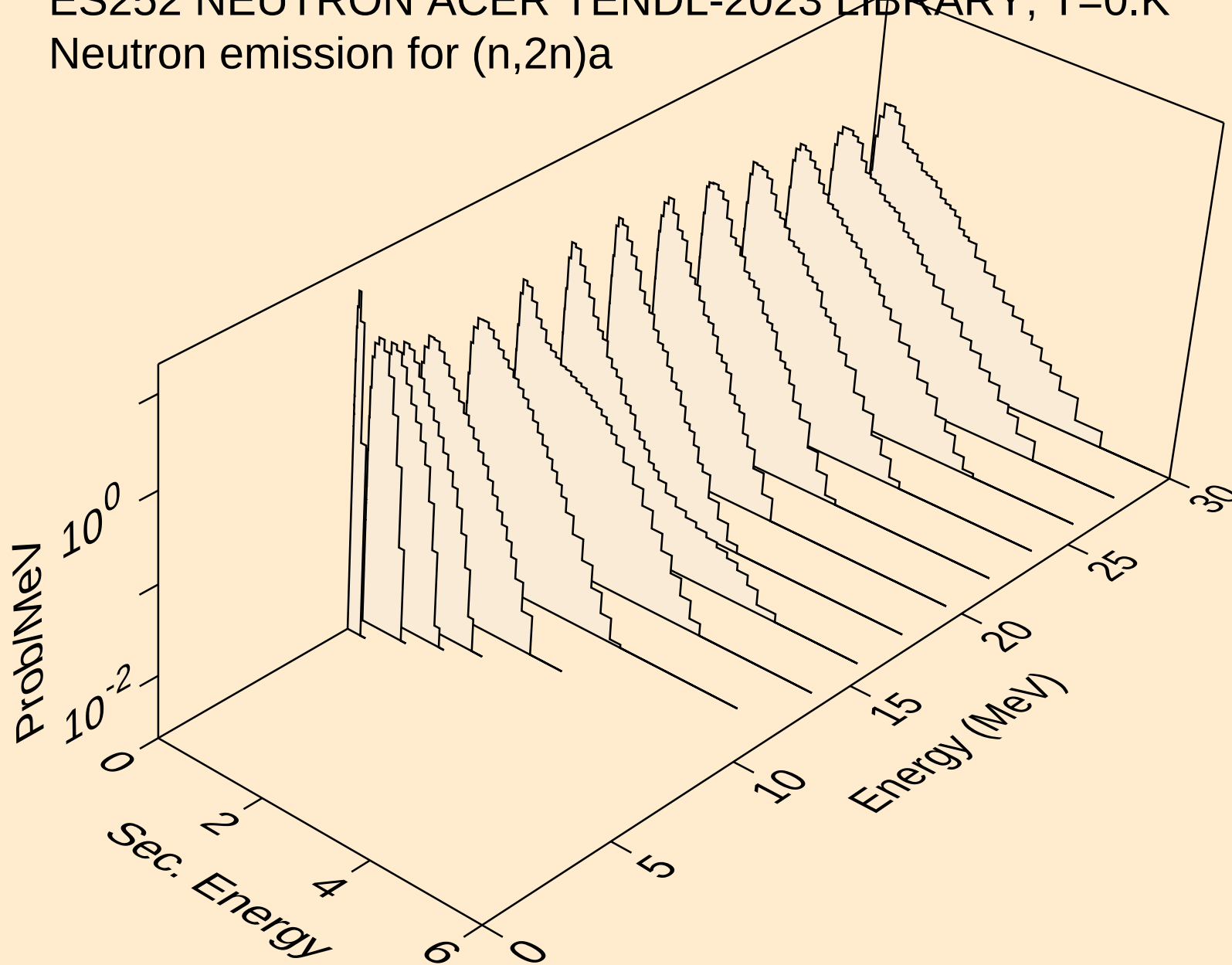
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)a



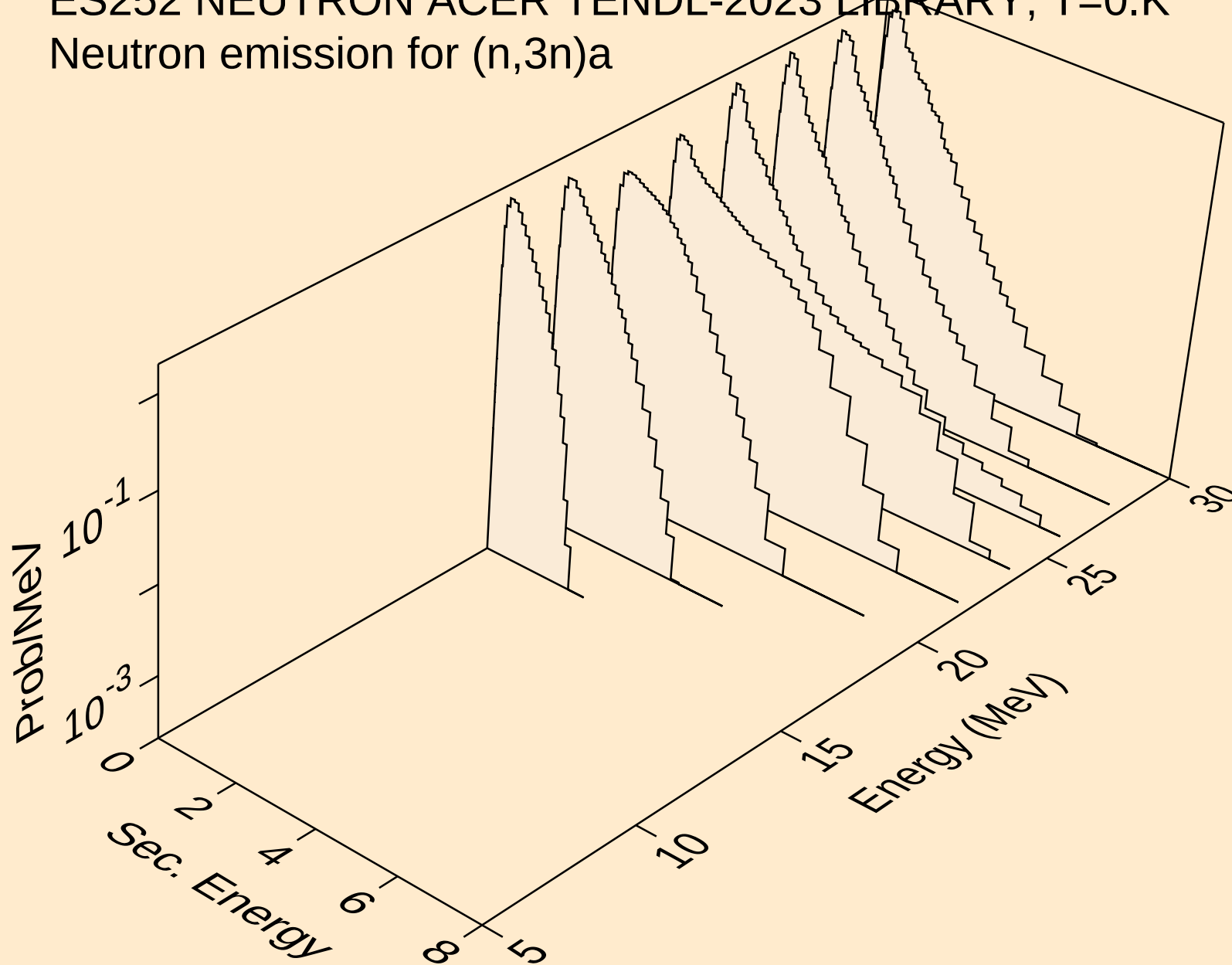
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,2n) α



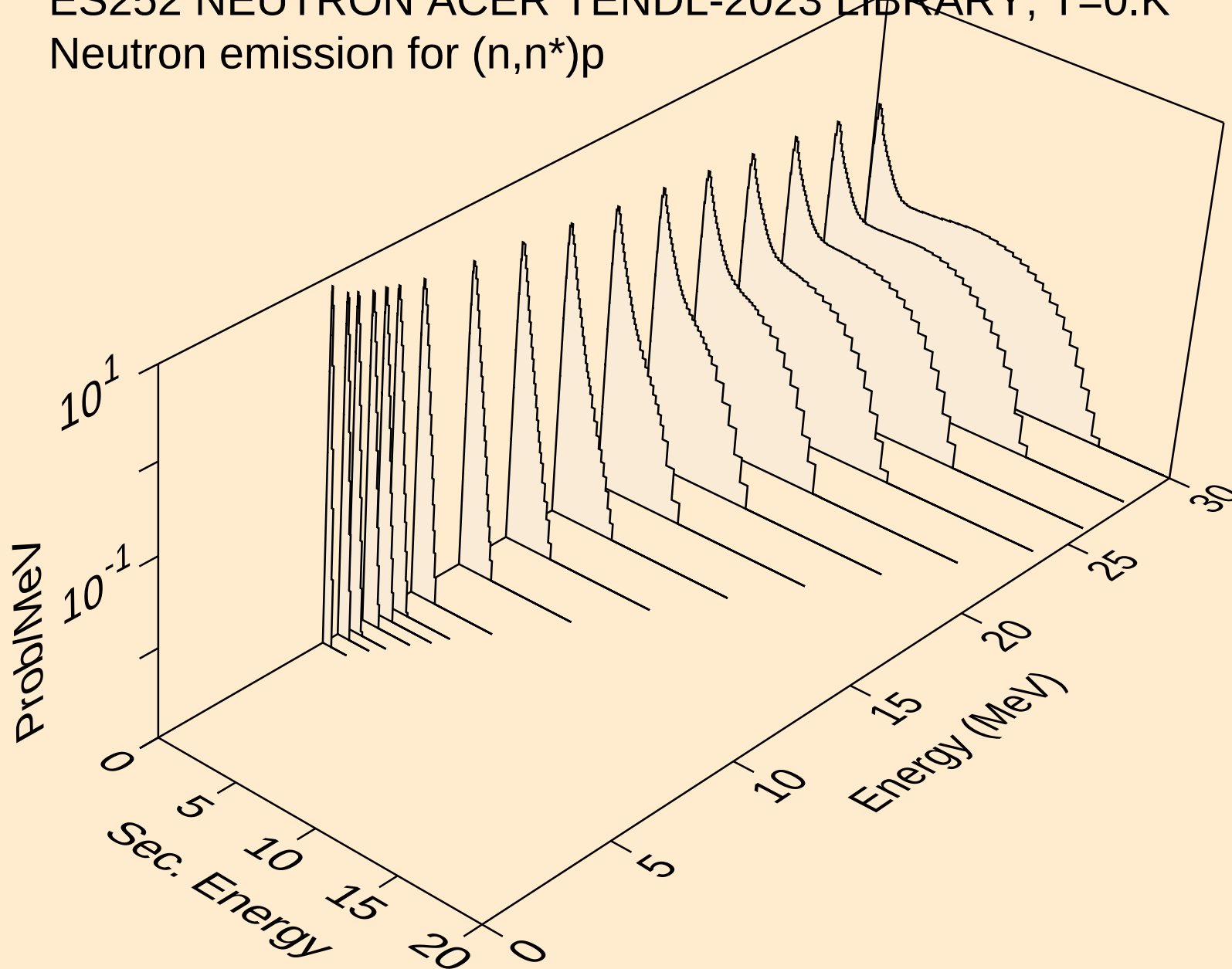
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,3n)a



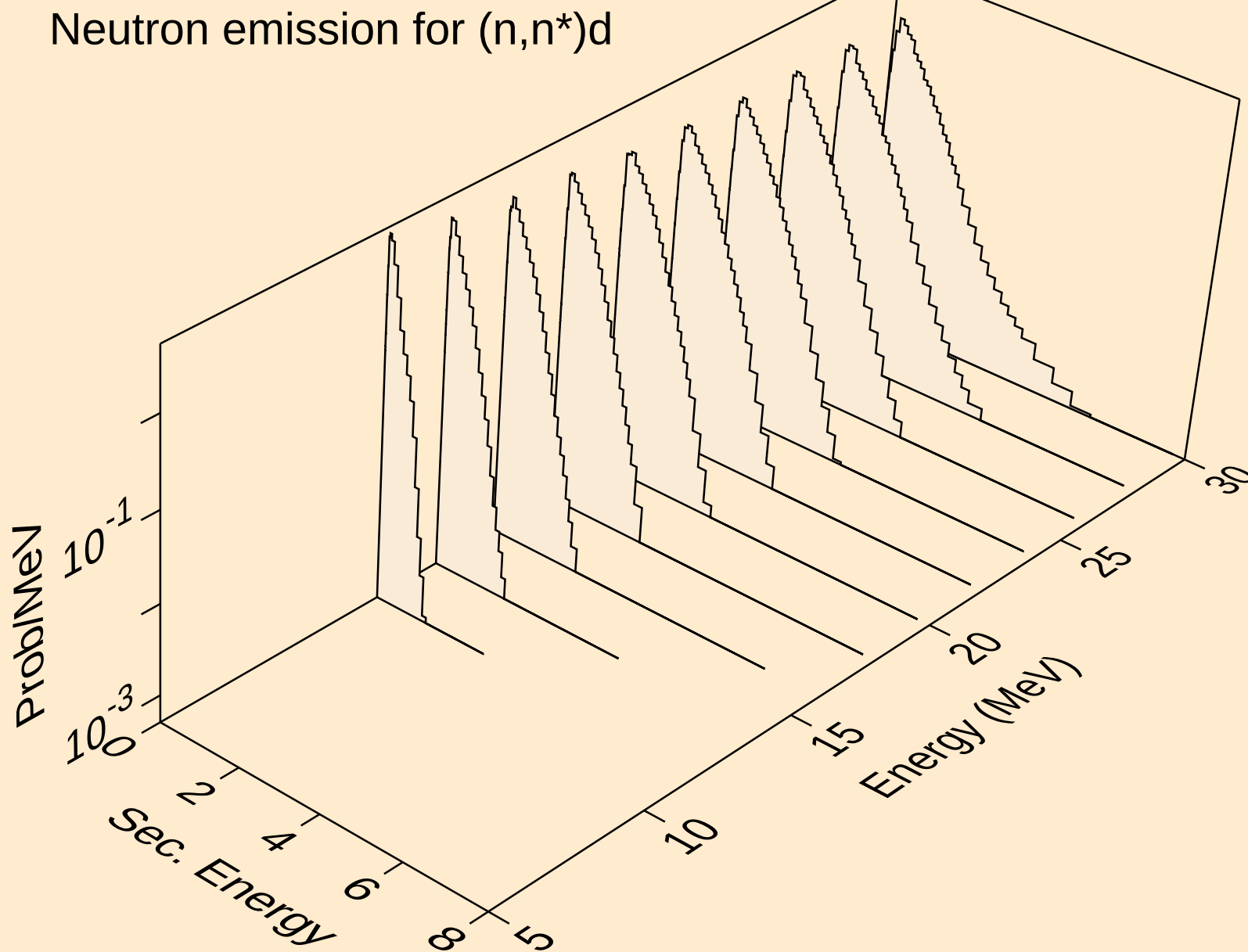
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p



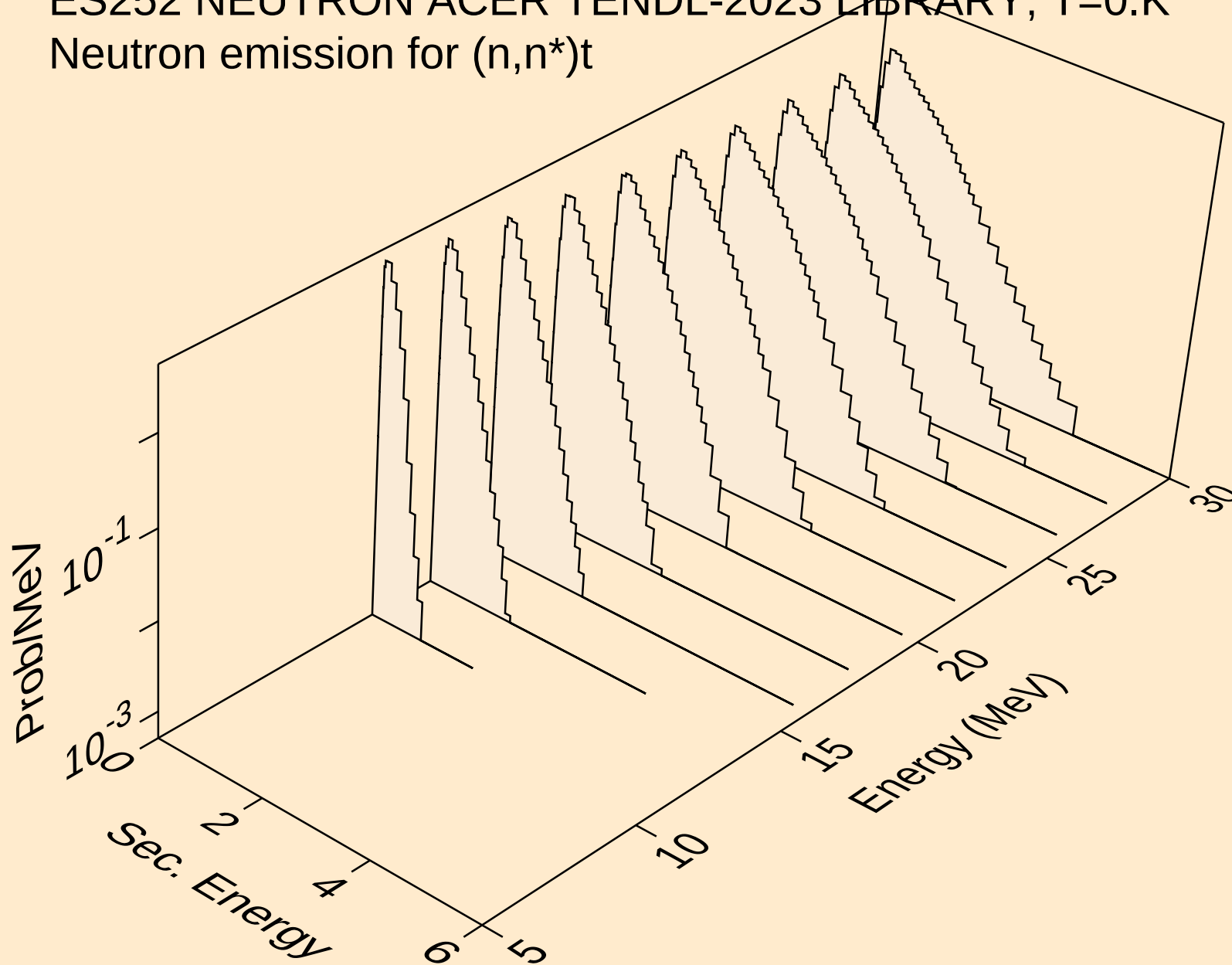
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d



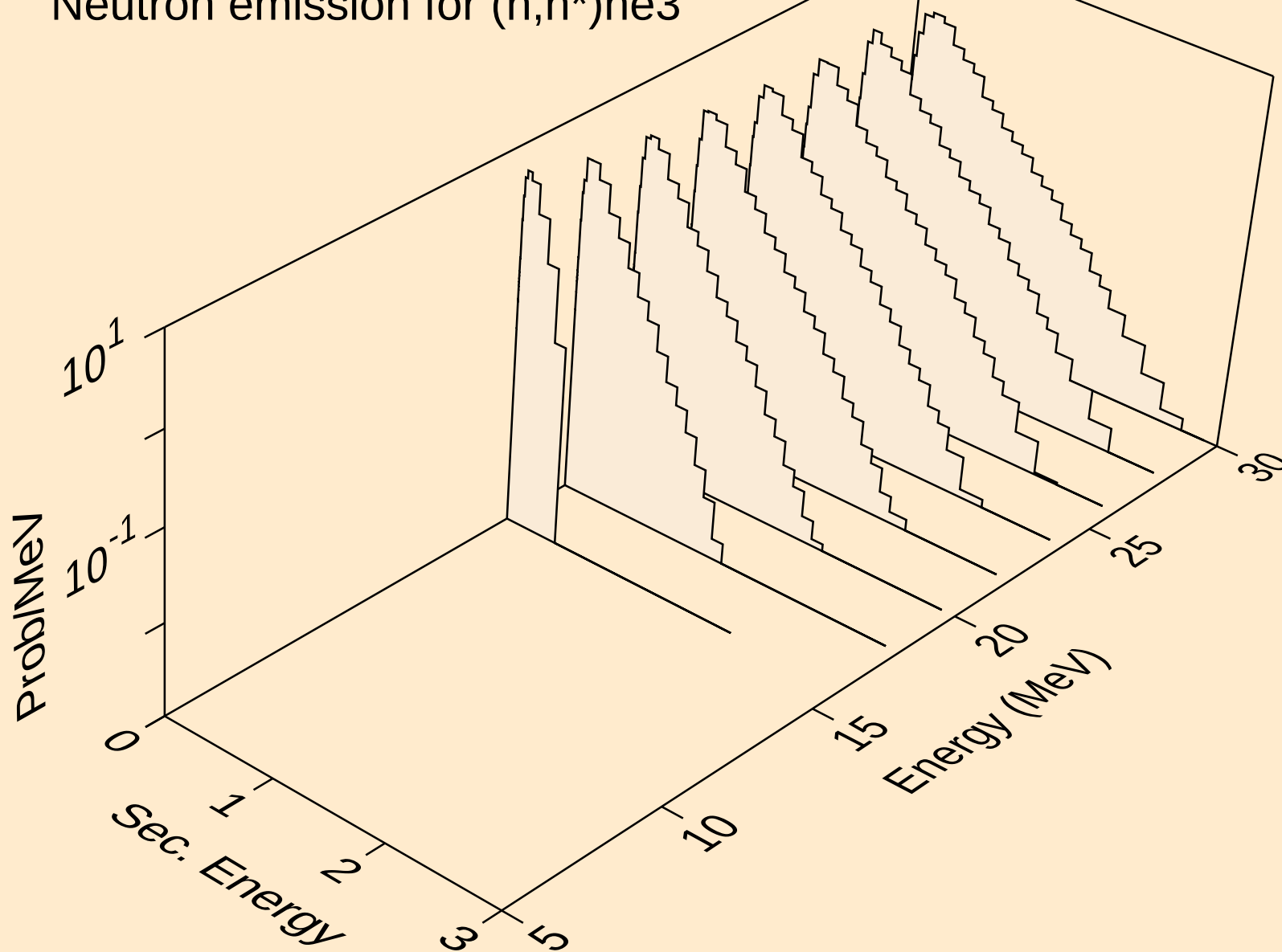
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)t

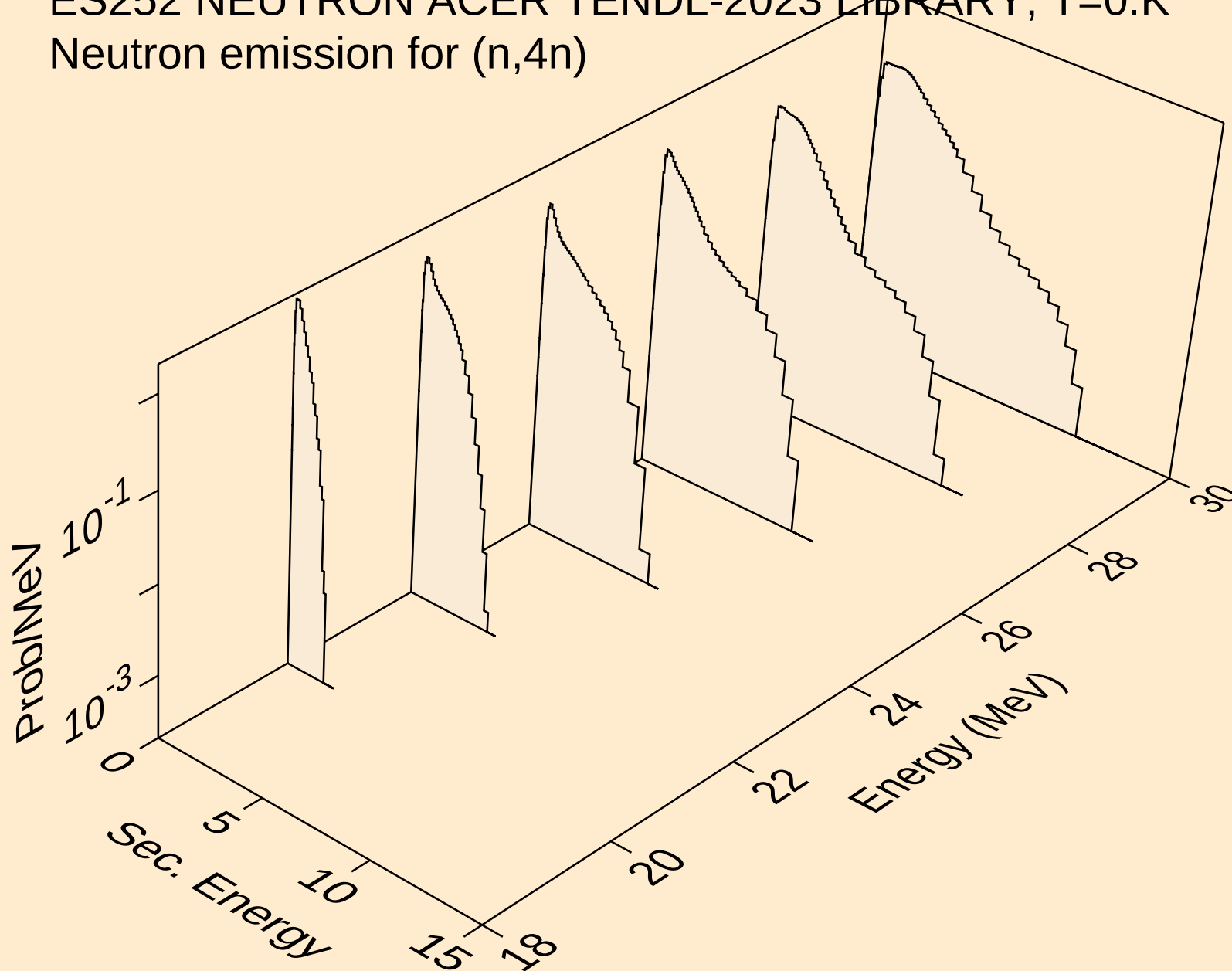


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)he3

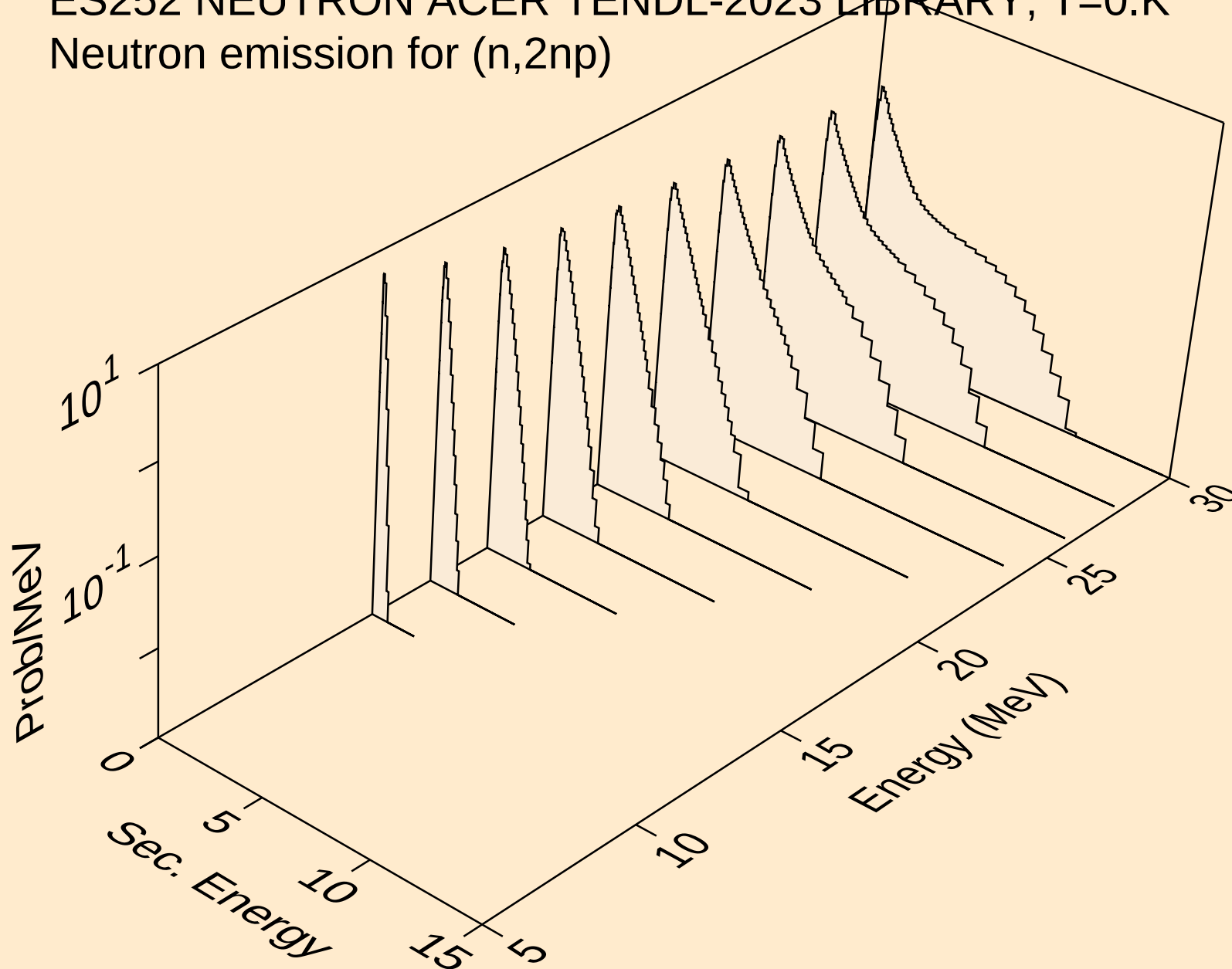


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



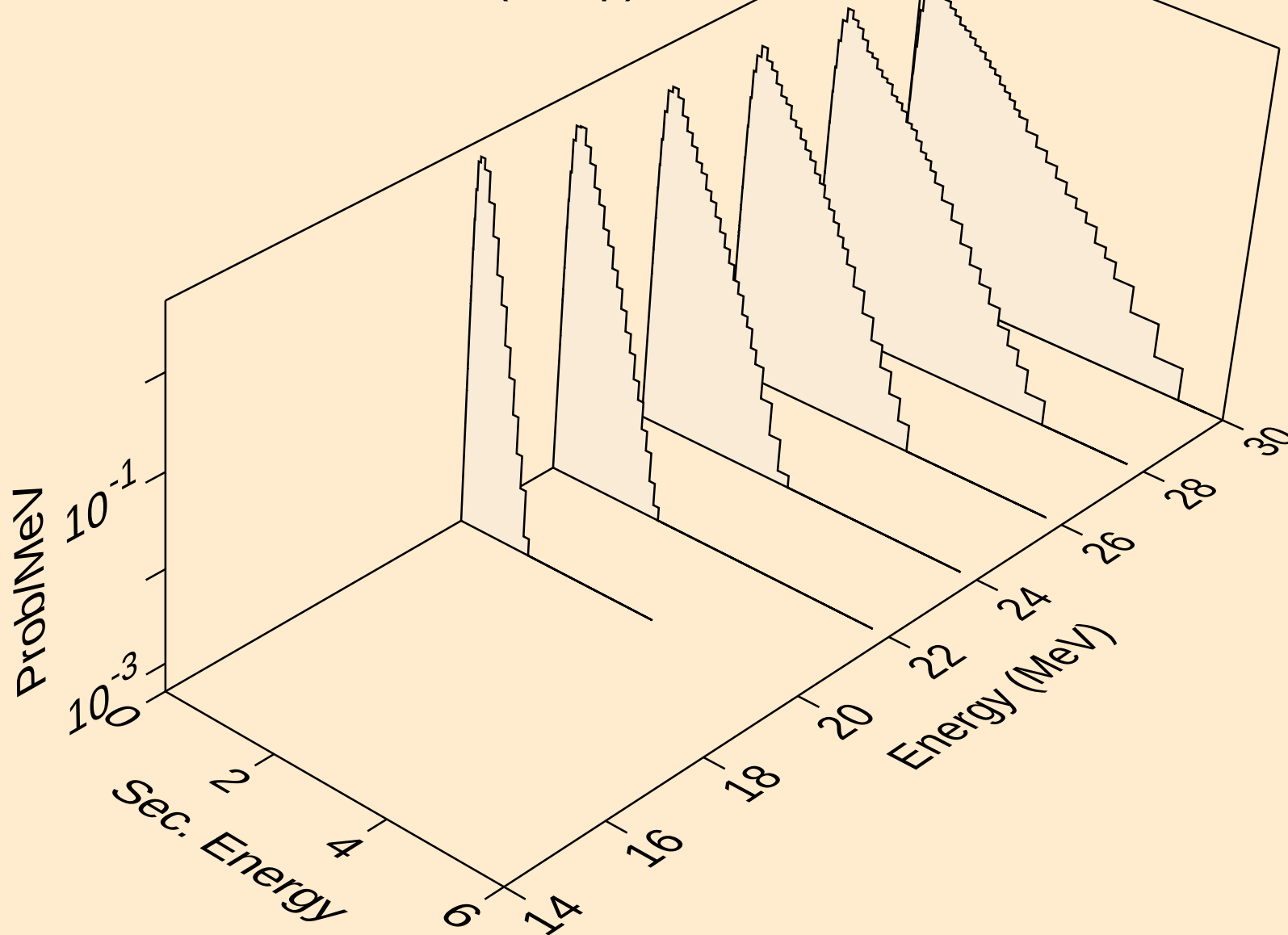
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,2np)



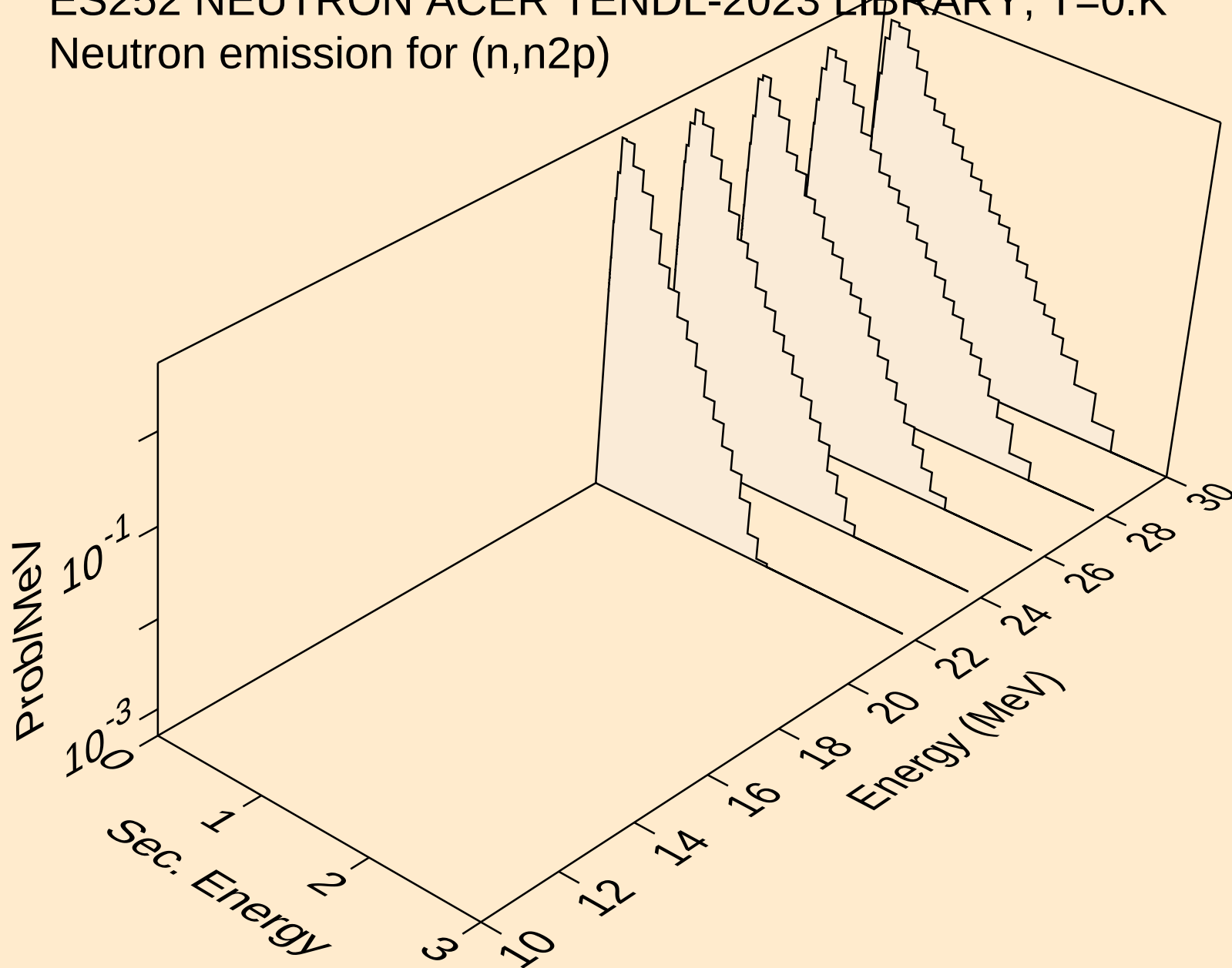
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,3np)

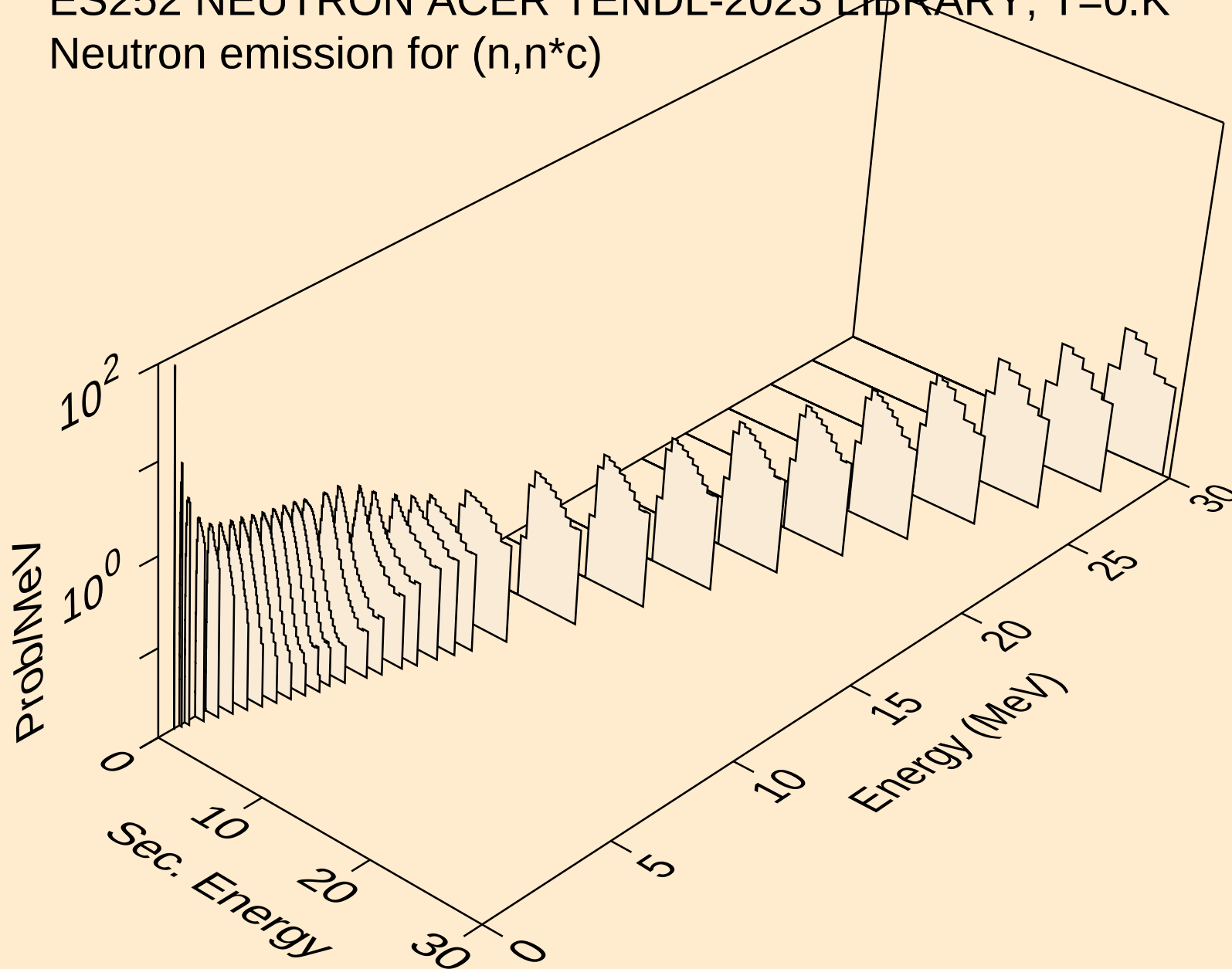


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n2p)

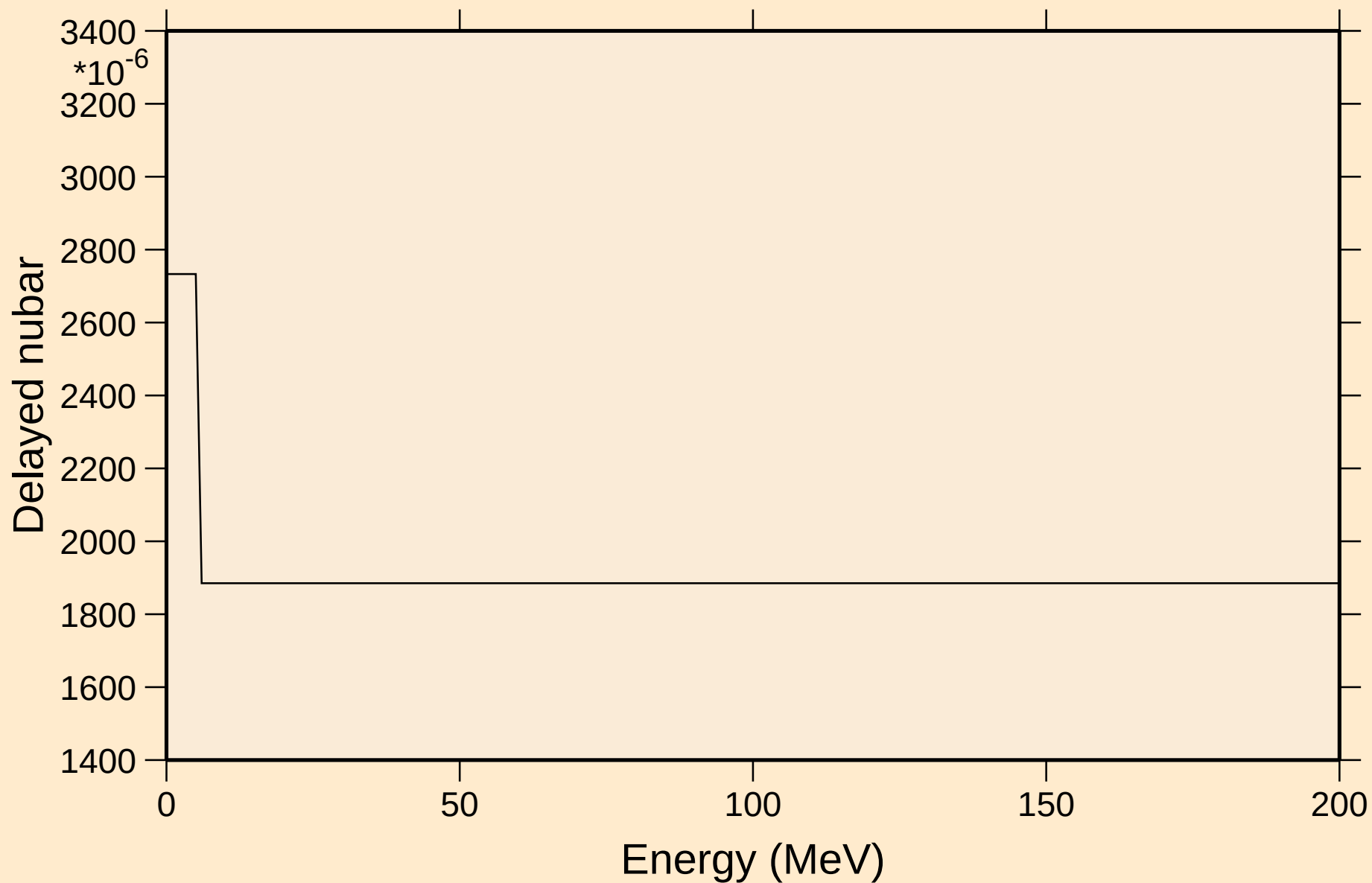


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



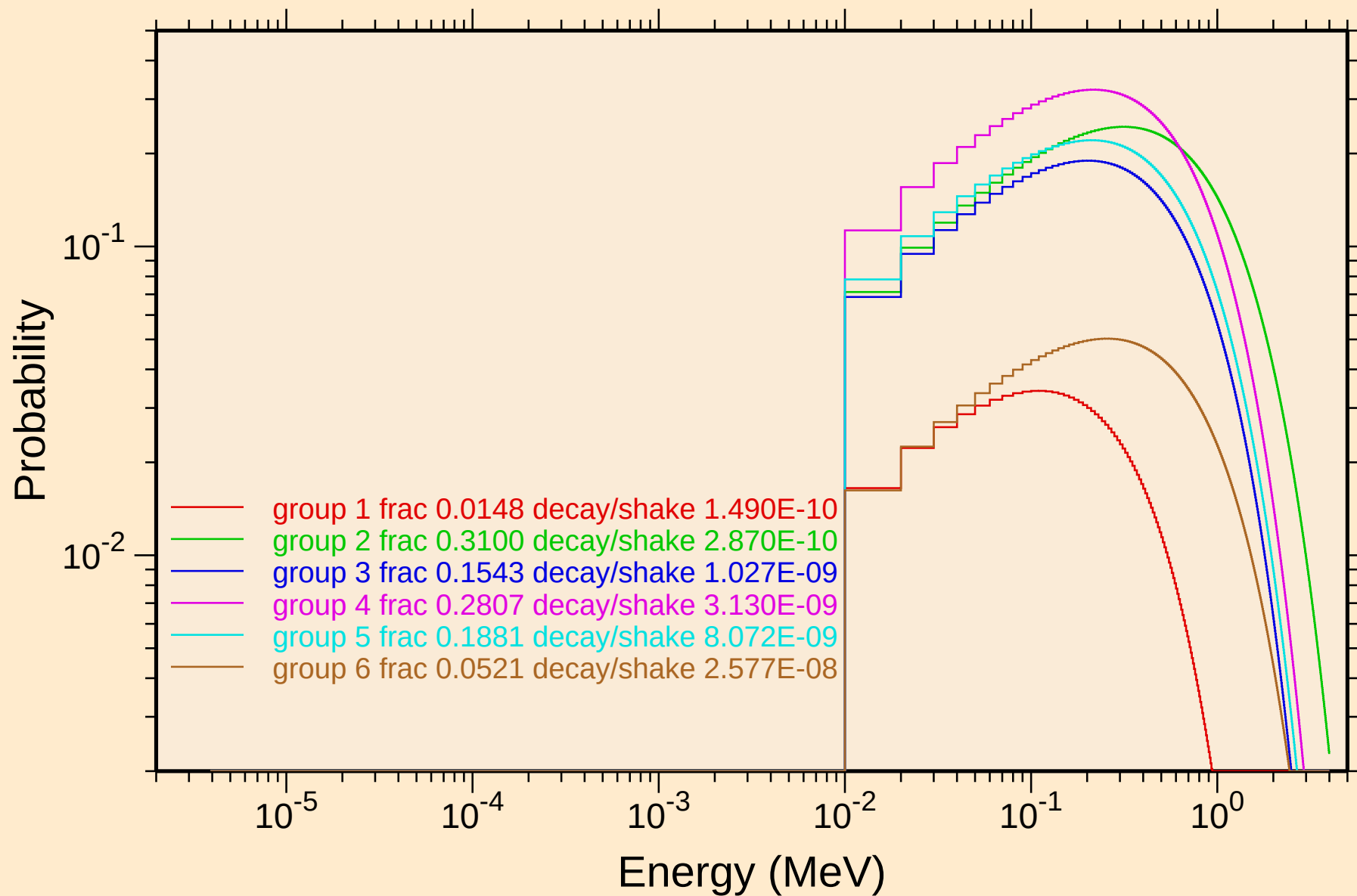
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Delayed nubar



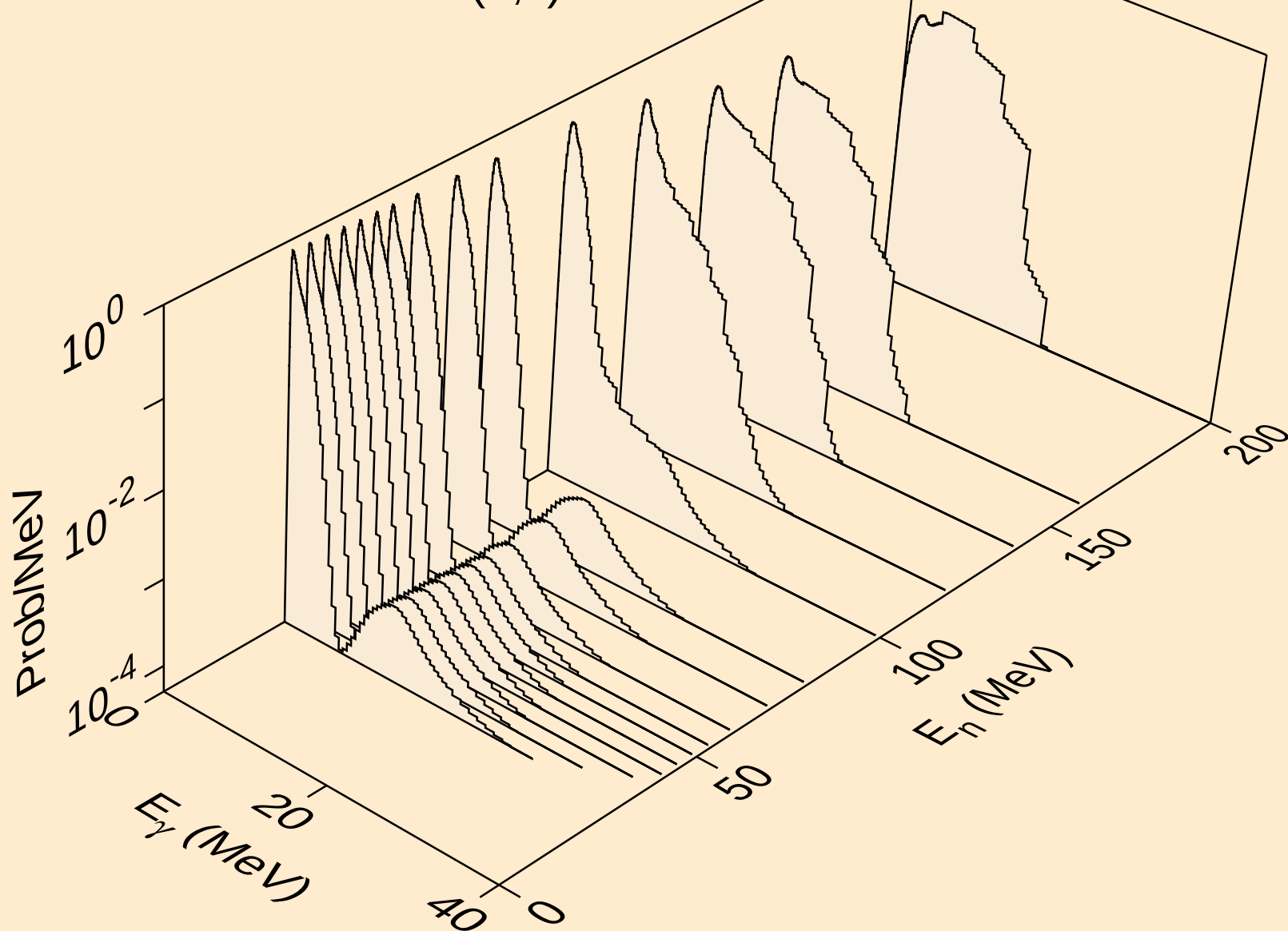
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed neutron spectra



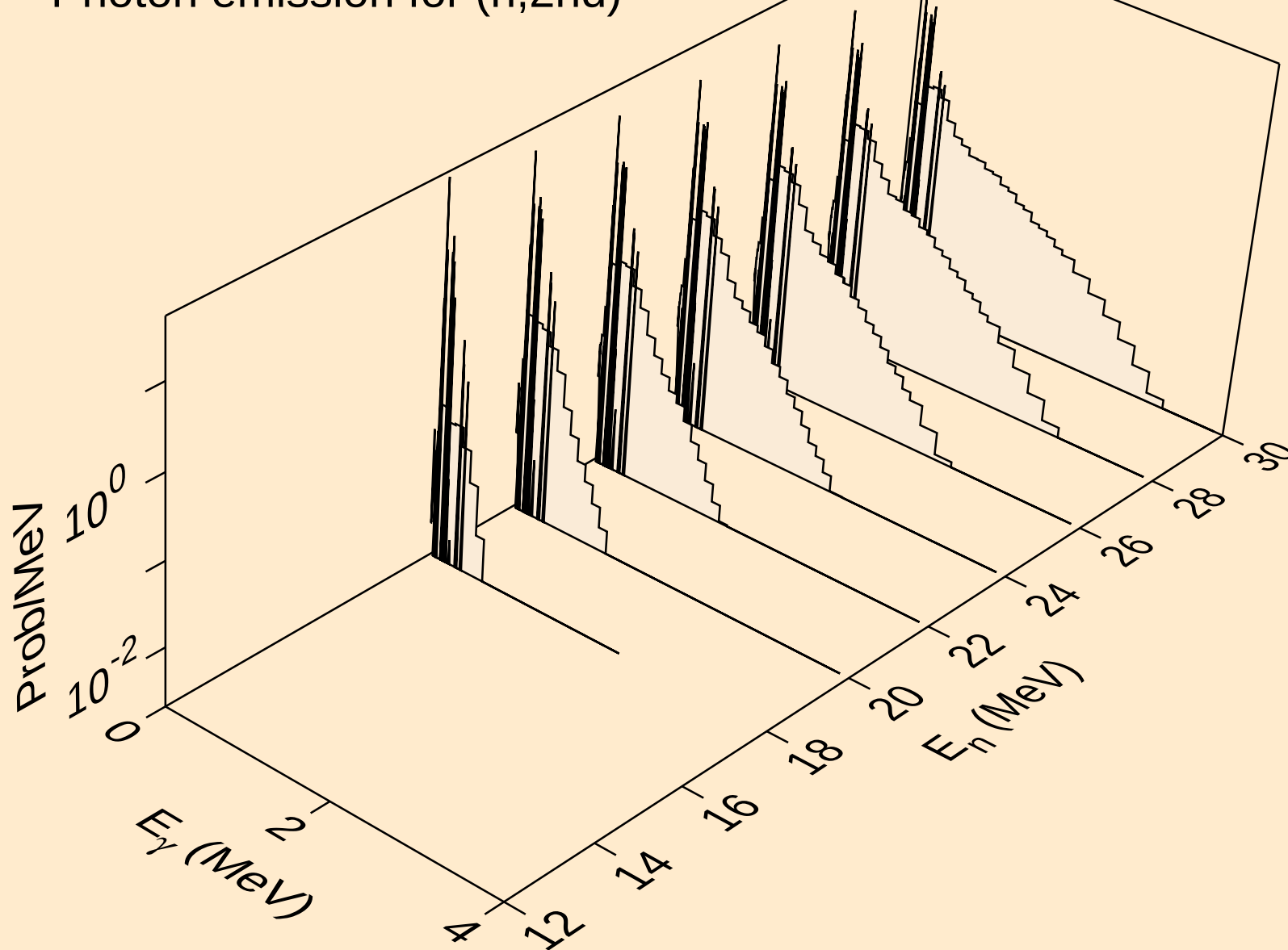
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,x)

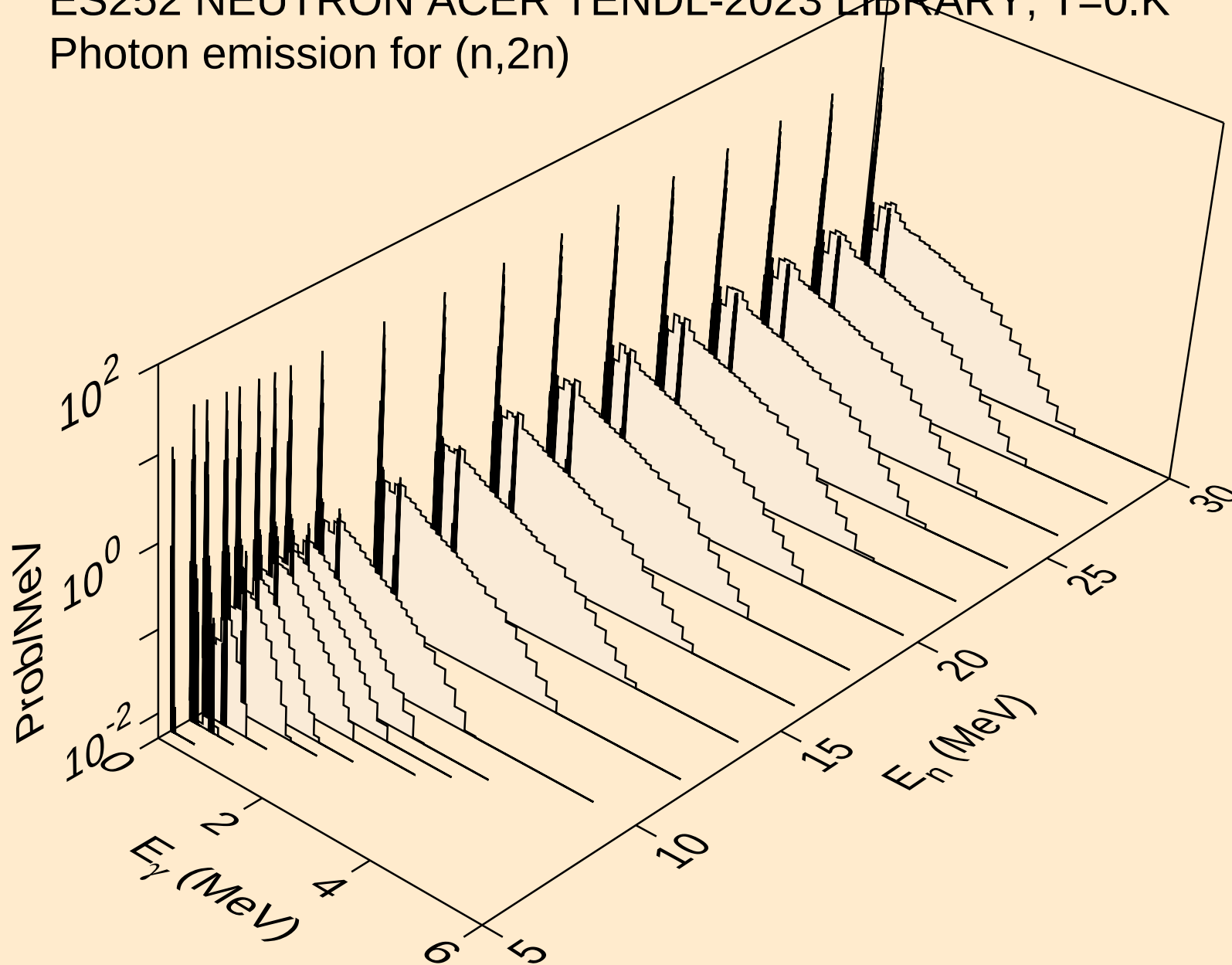


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2nd)

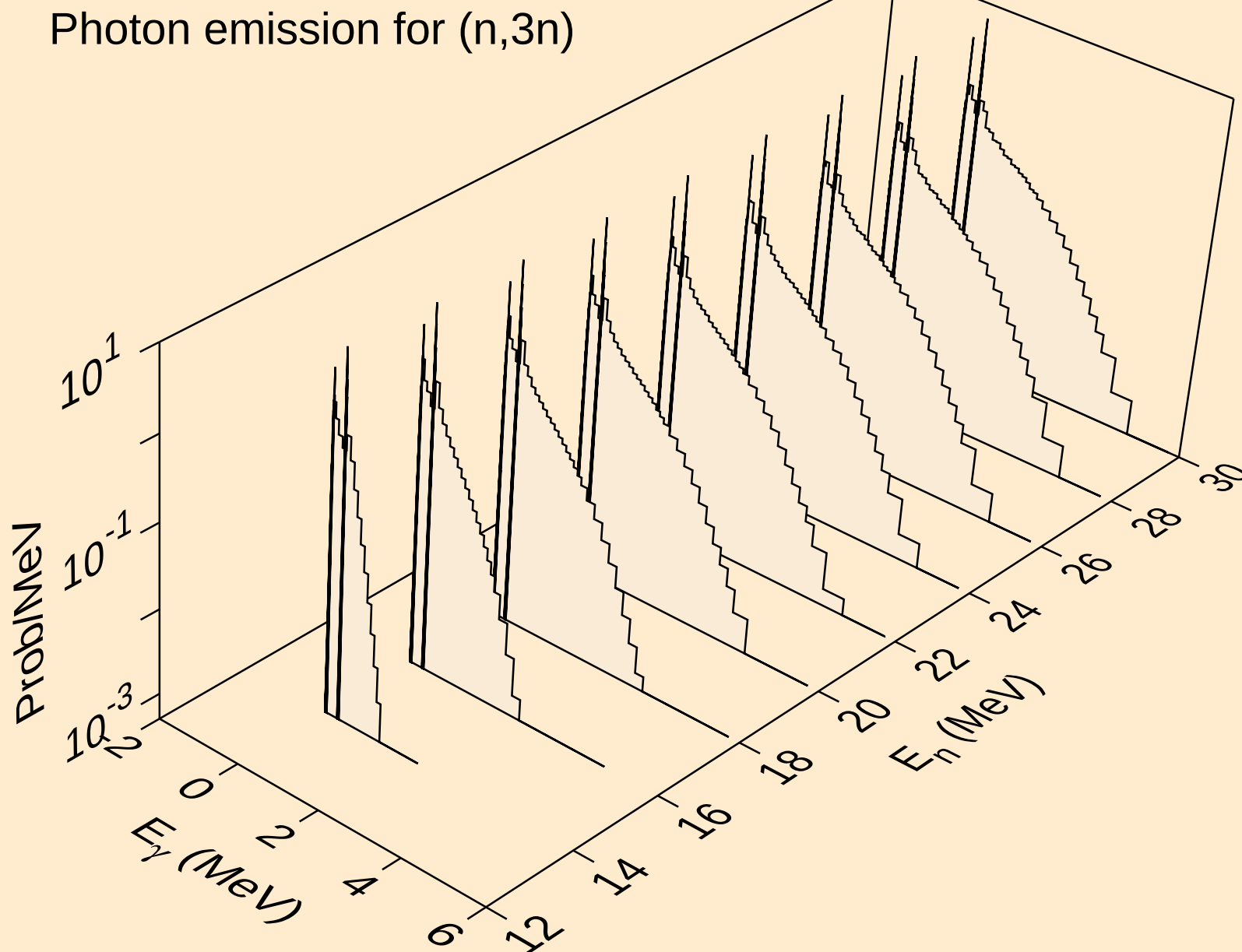


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



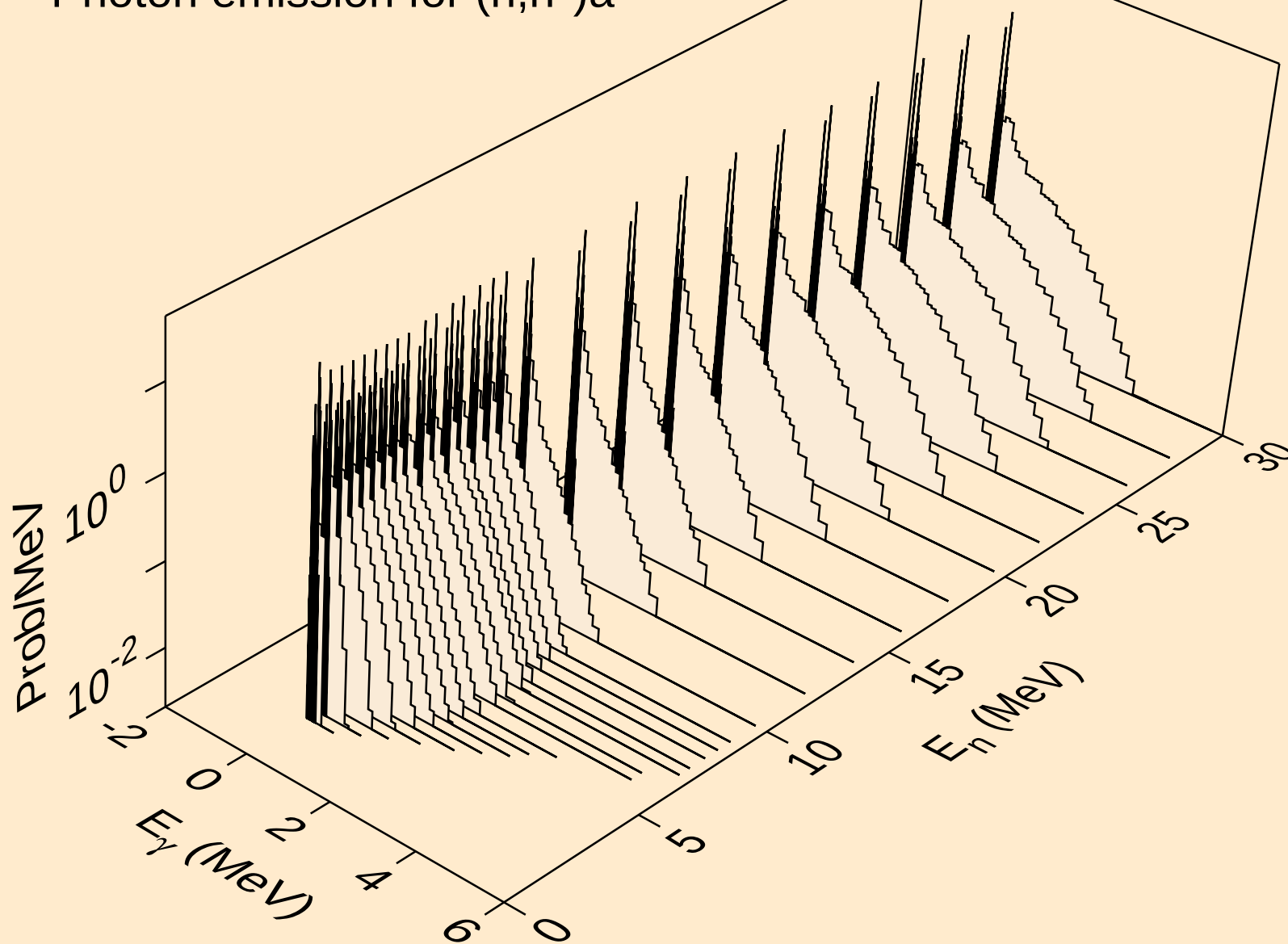
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)



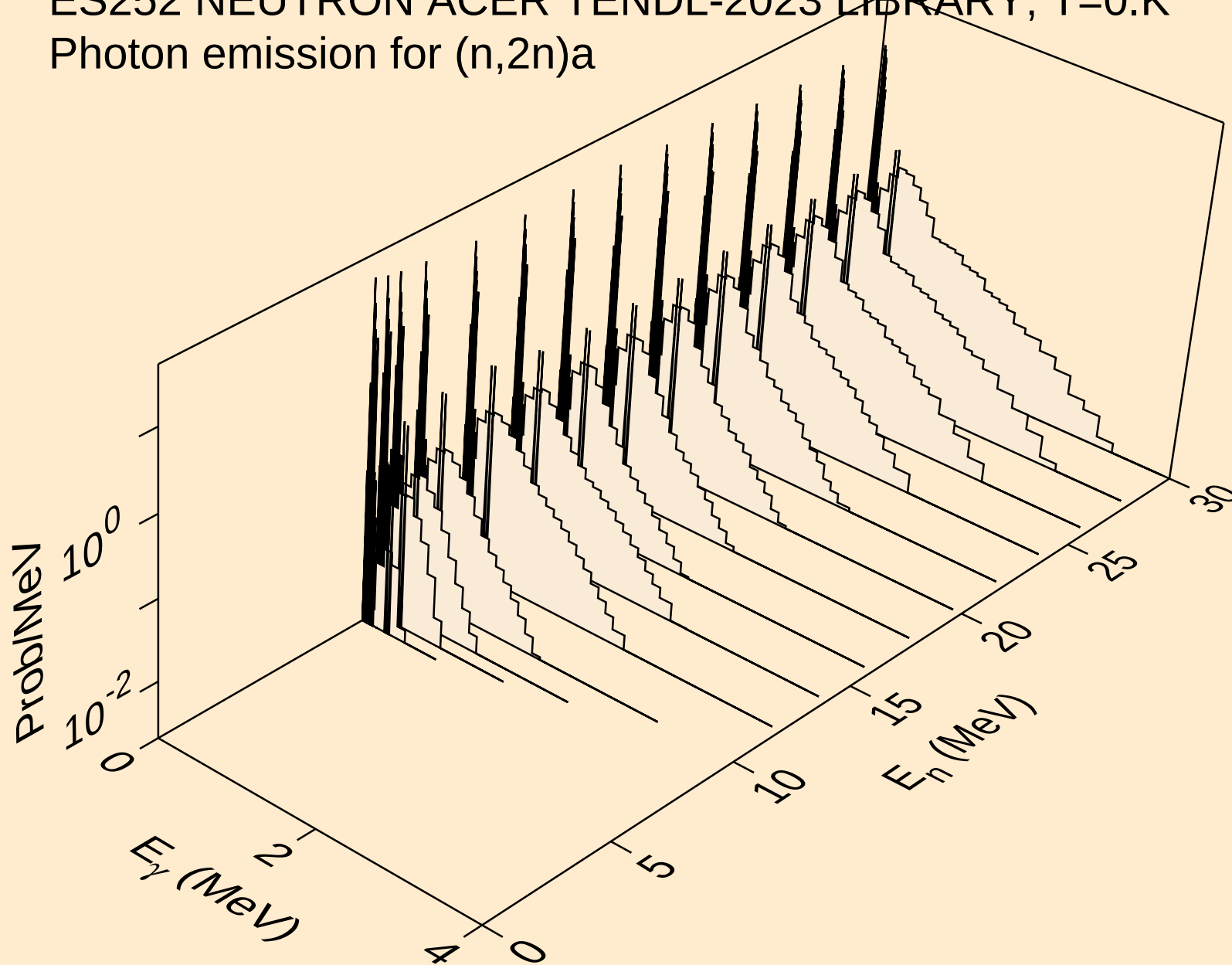
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



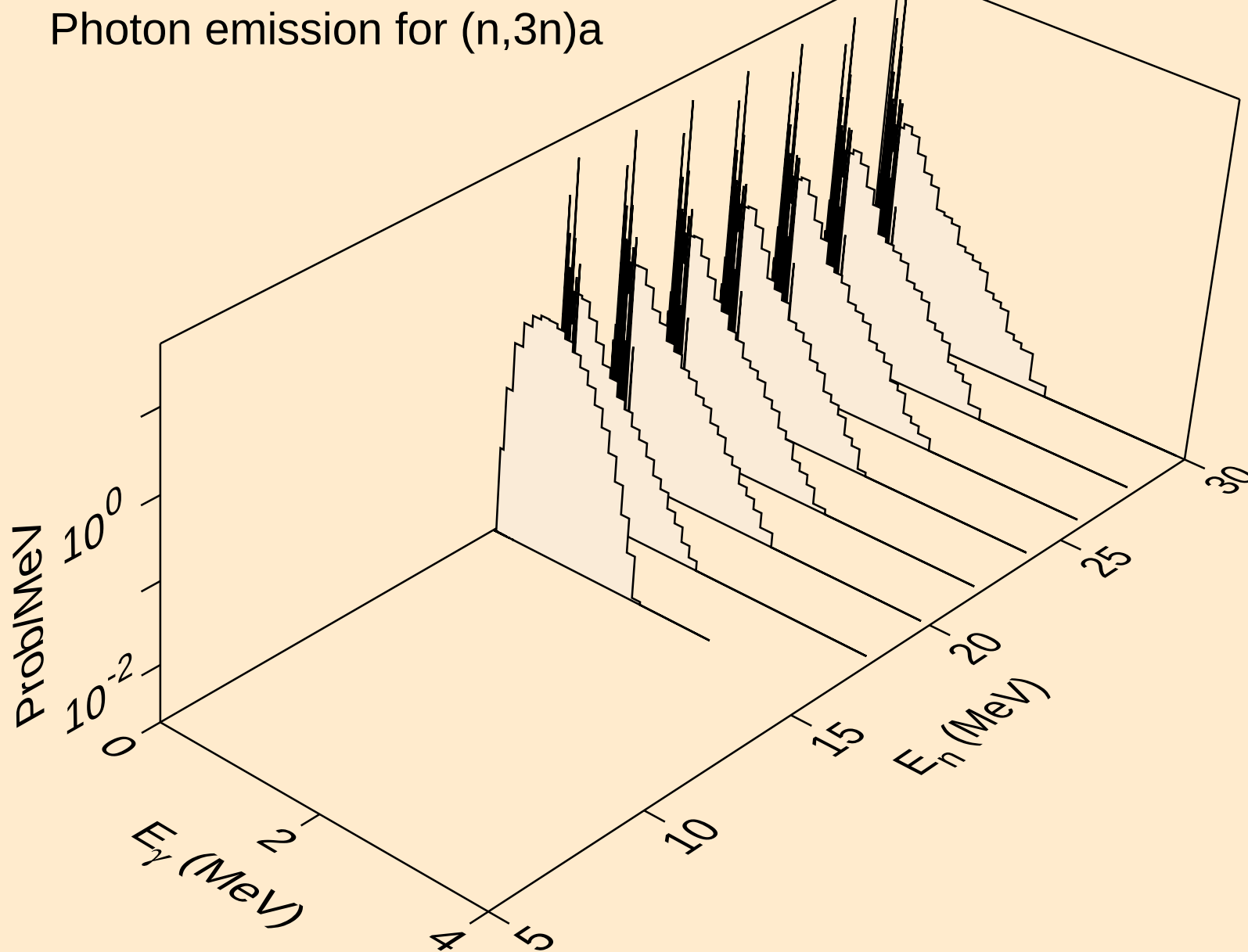
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



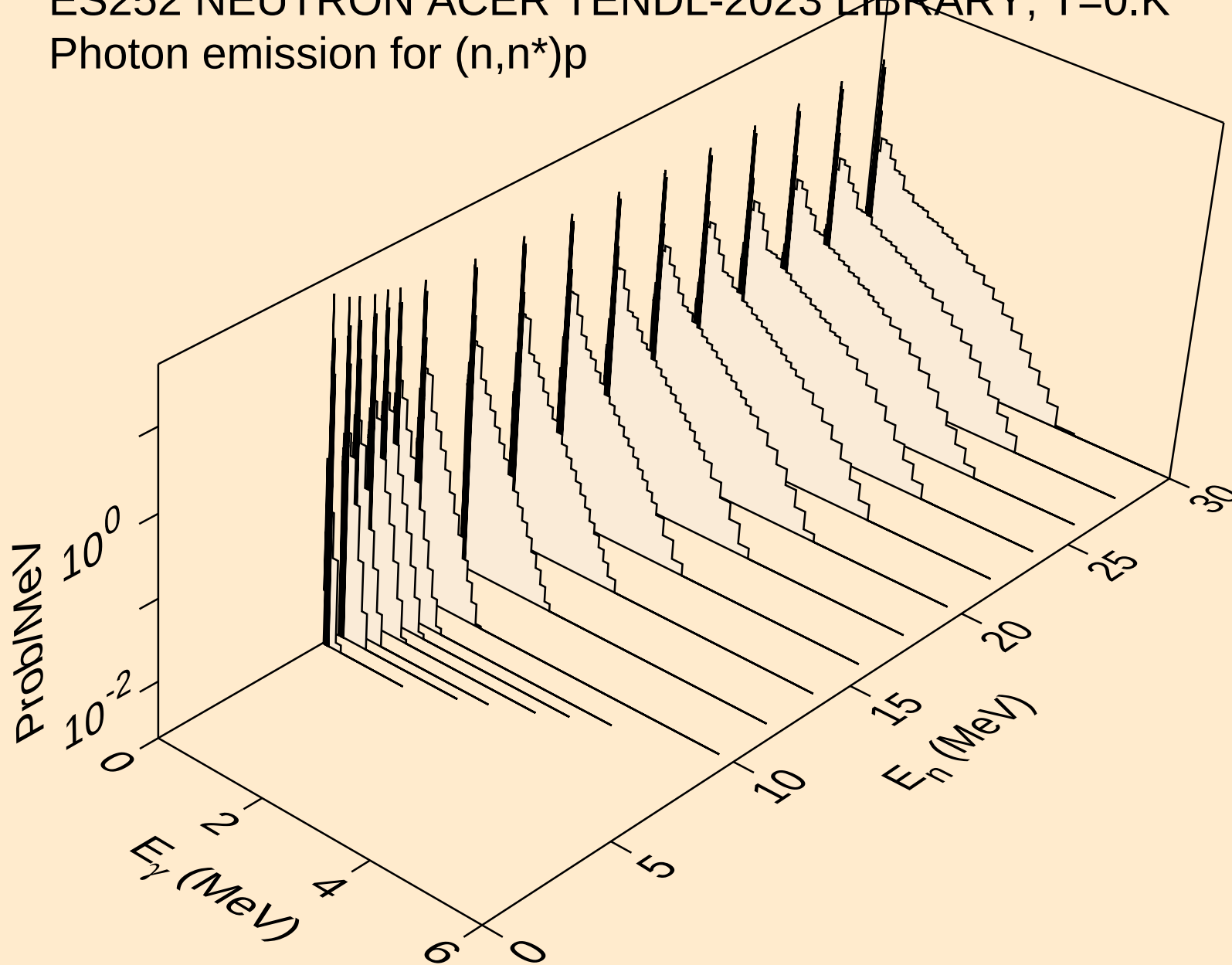
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



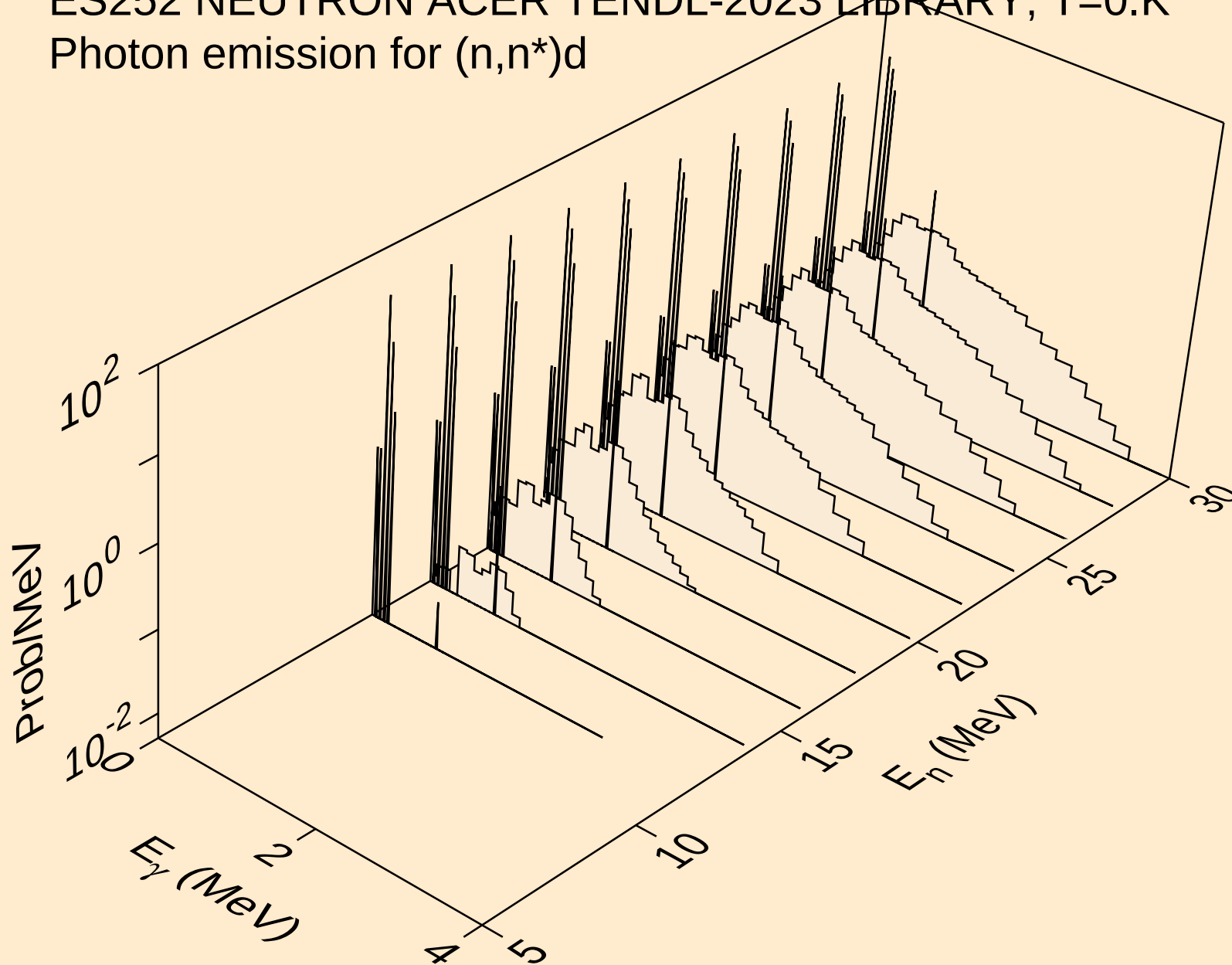
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



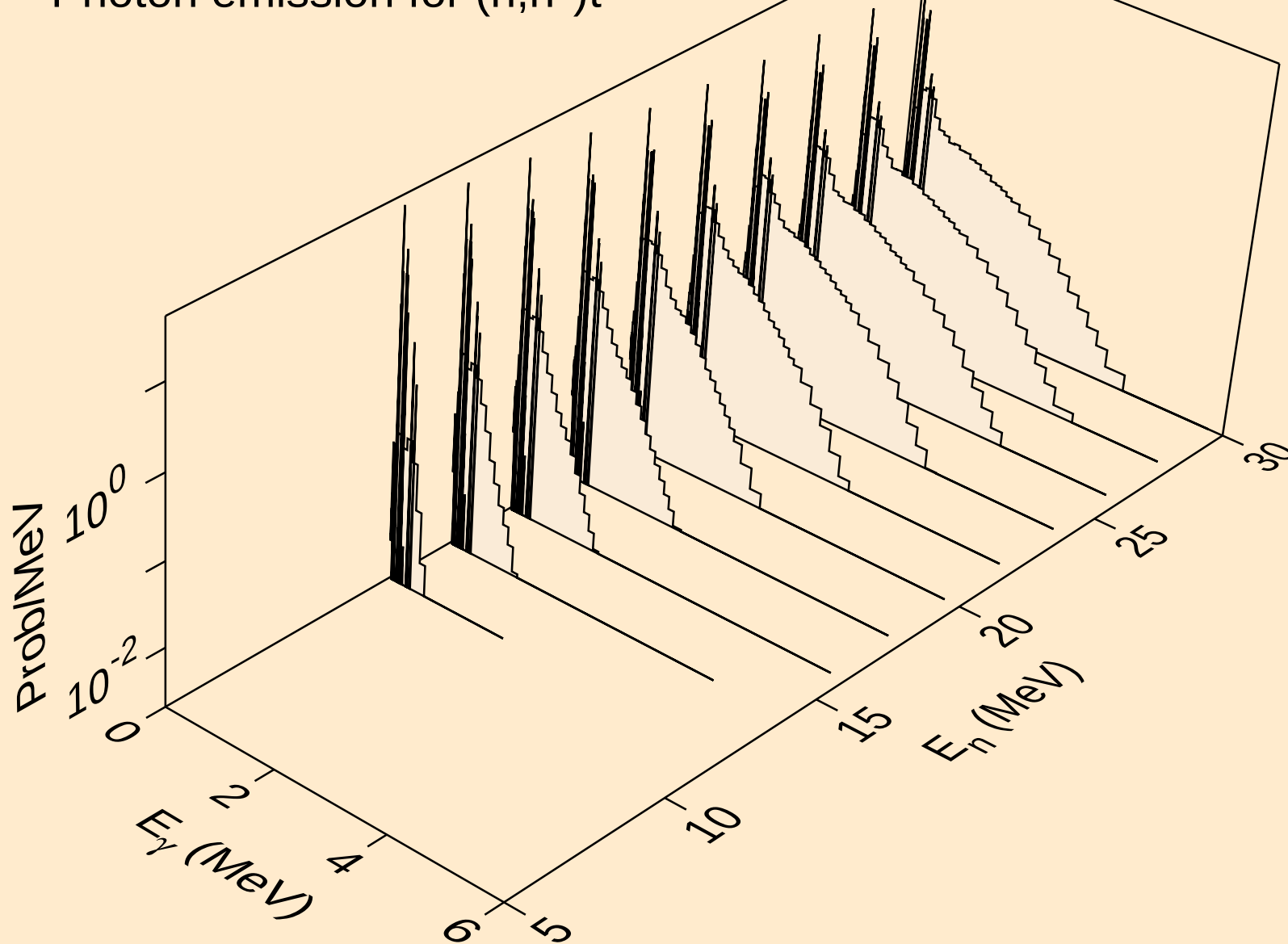
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



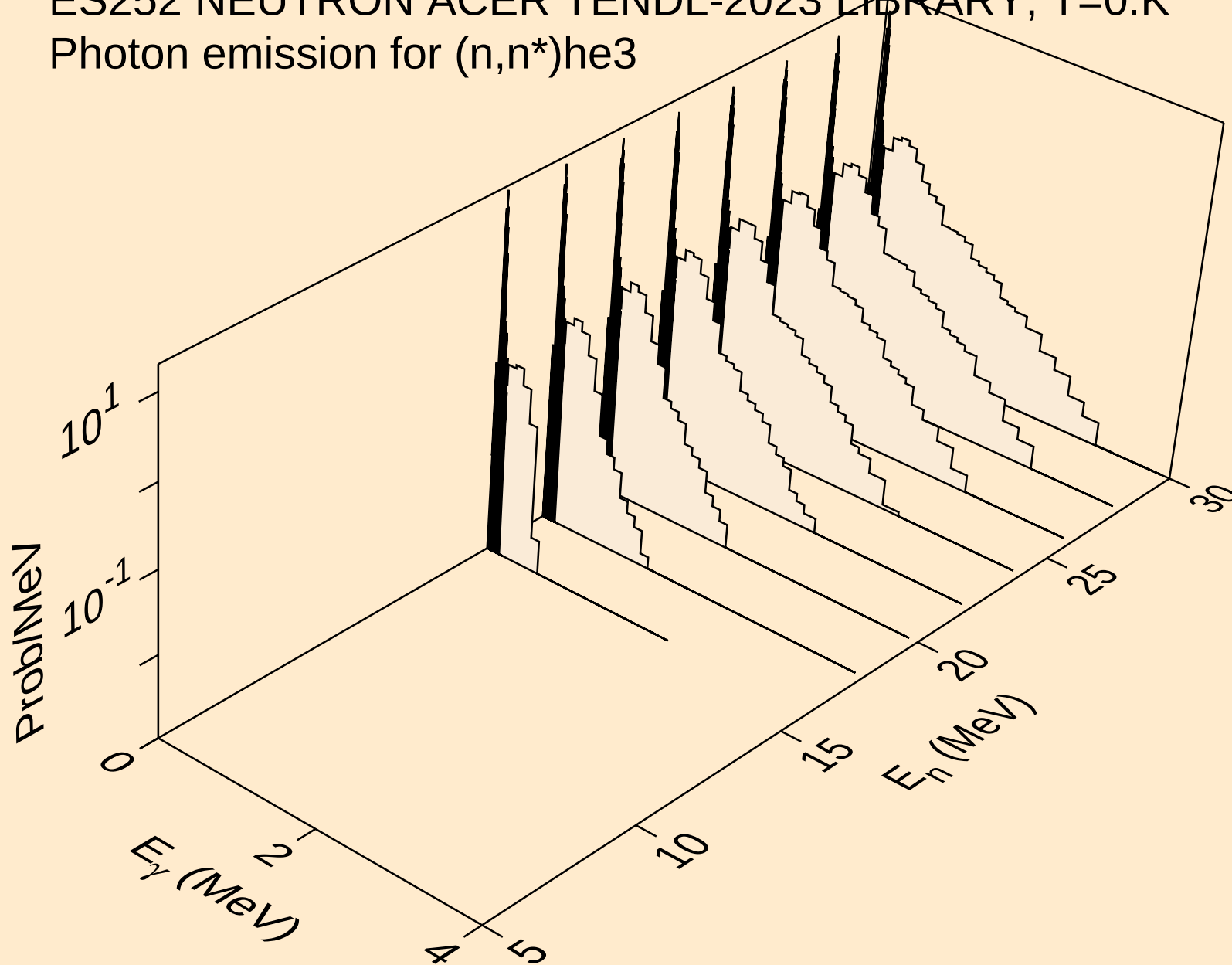
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

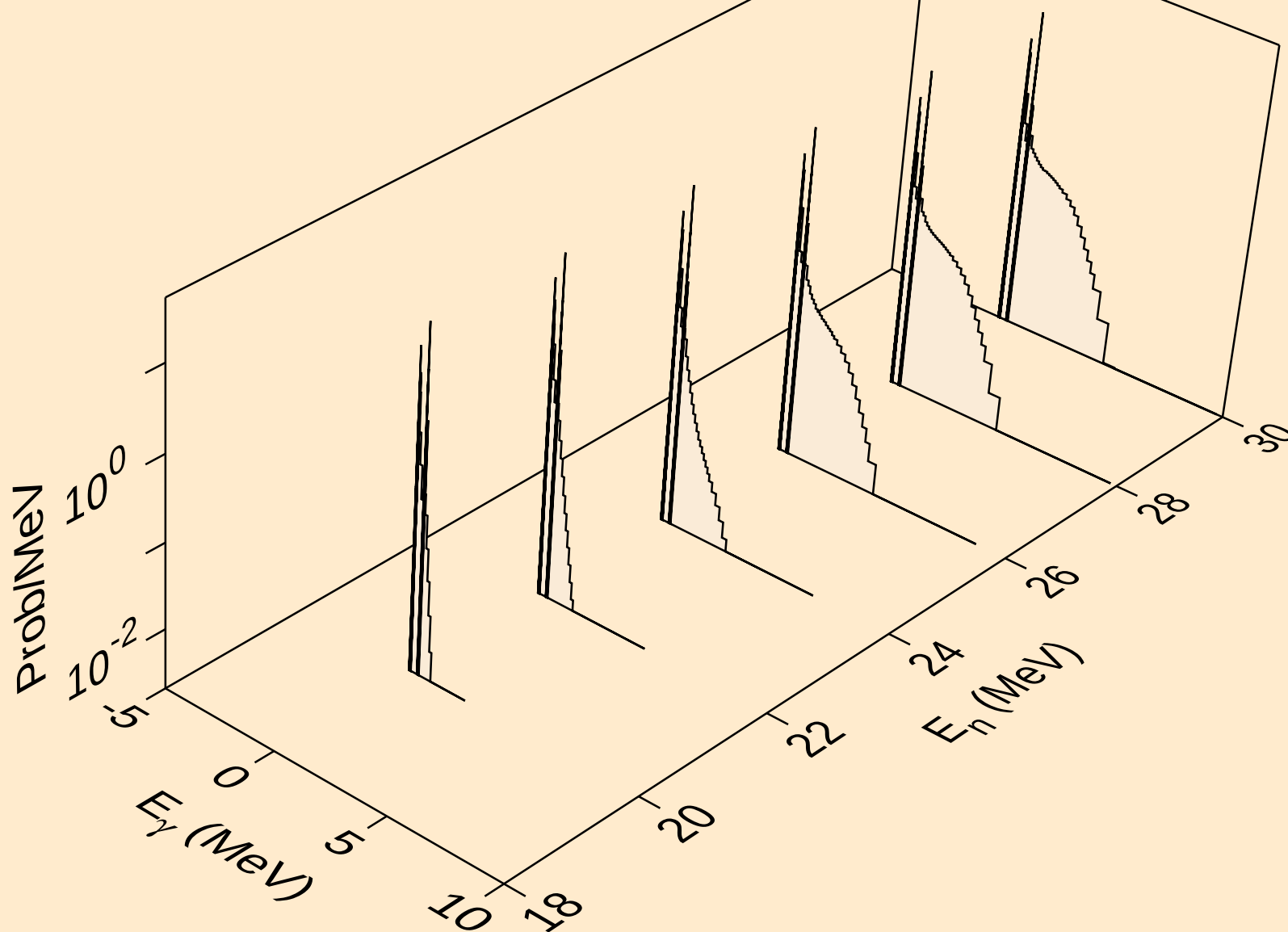


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

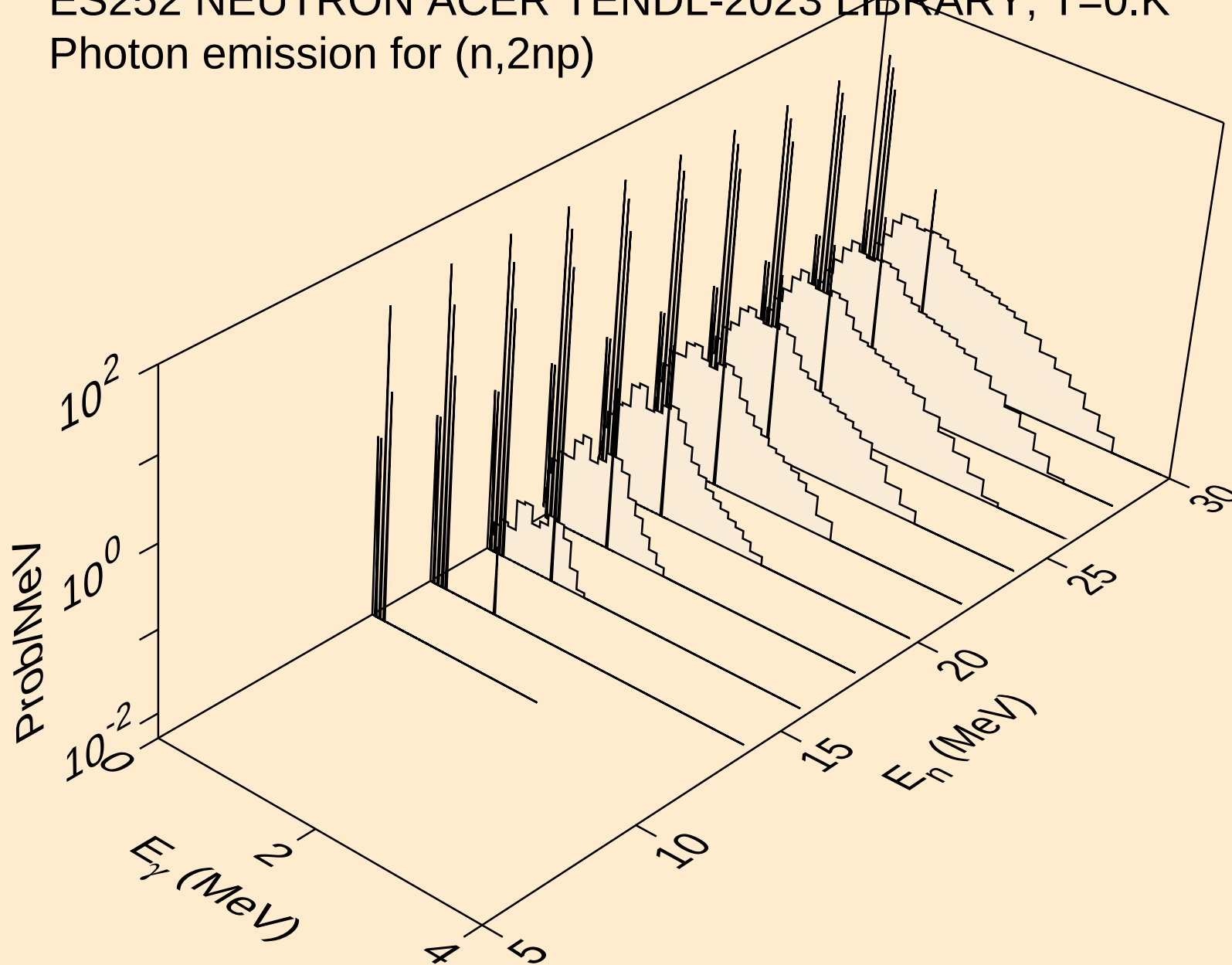
Photon emission for (n,n*)he3



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)

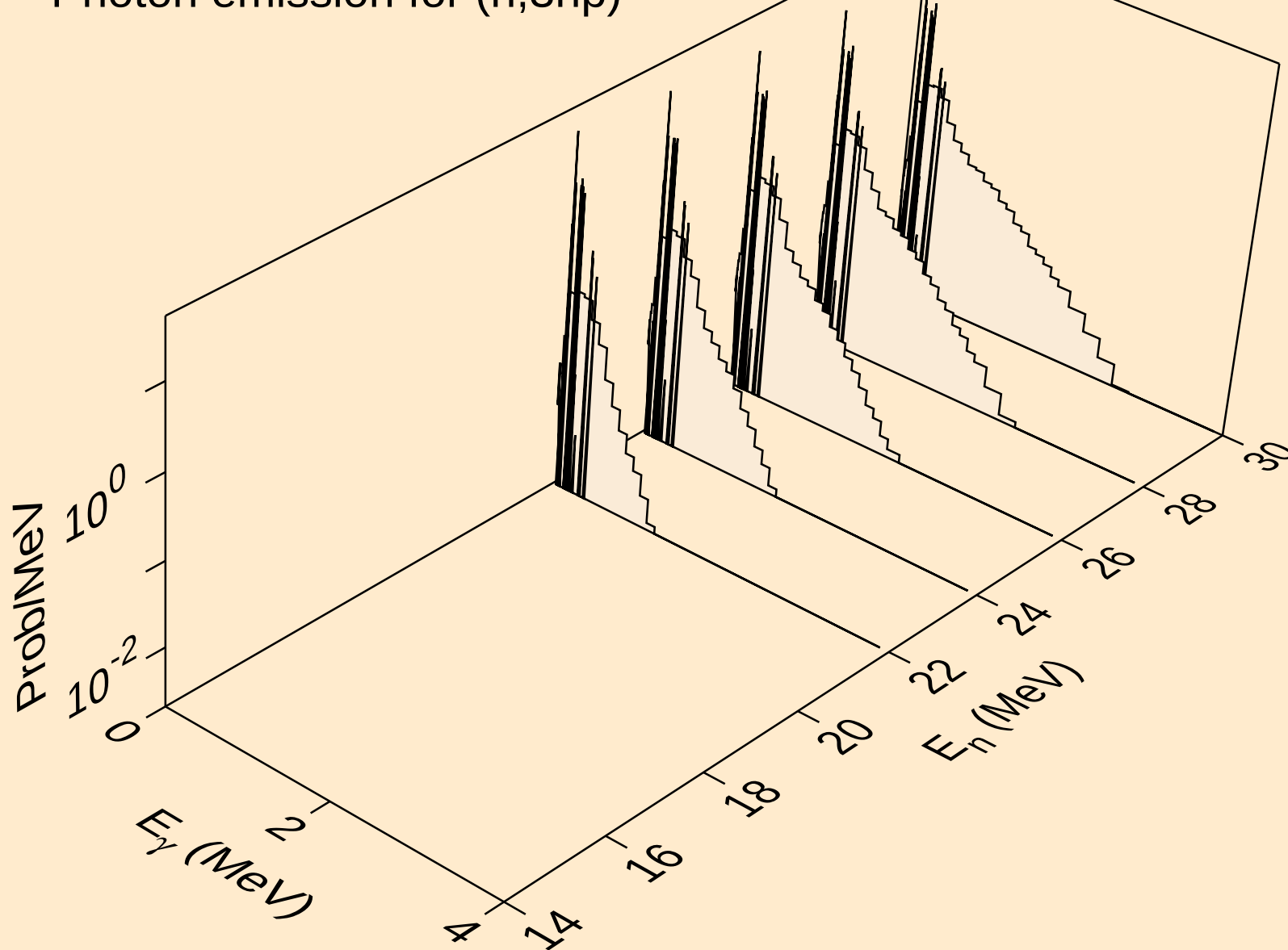


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



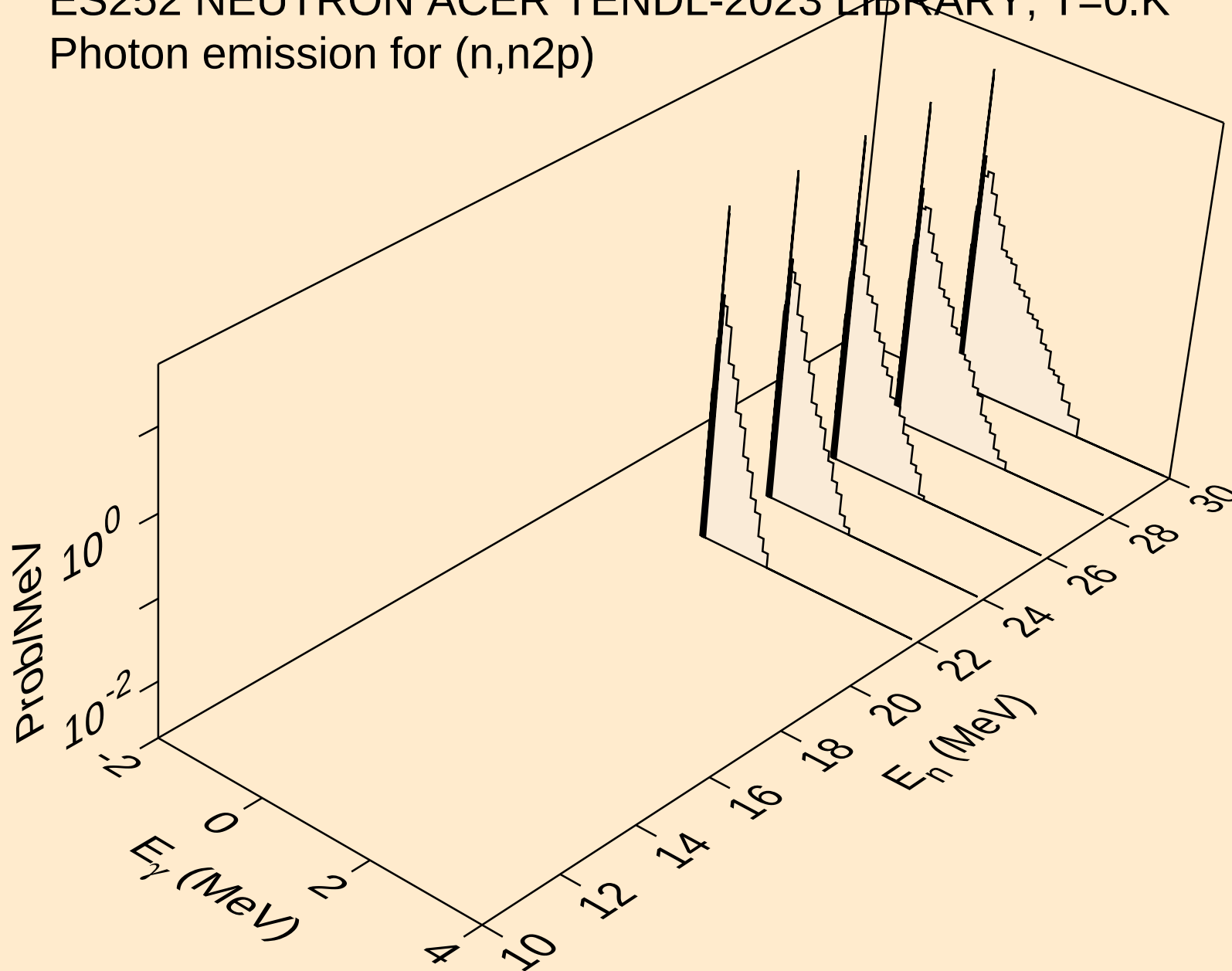
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3np)

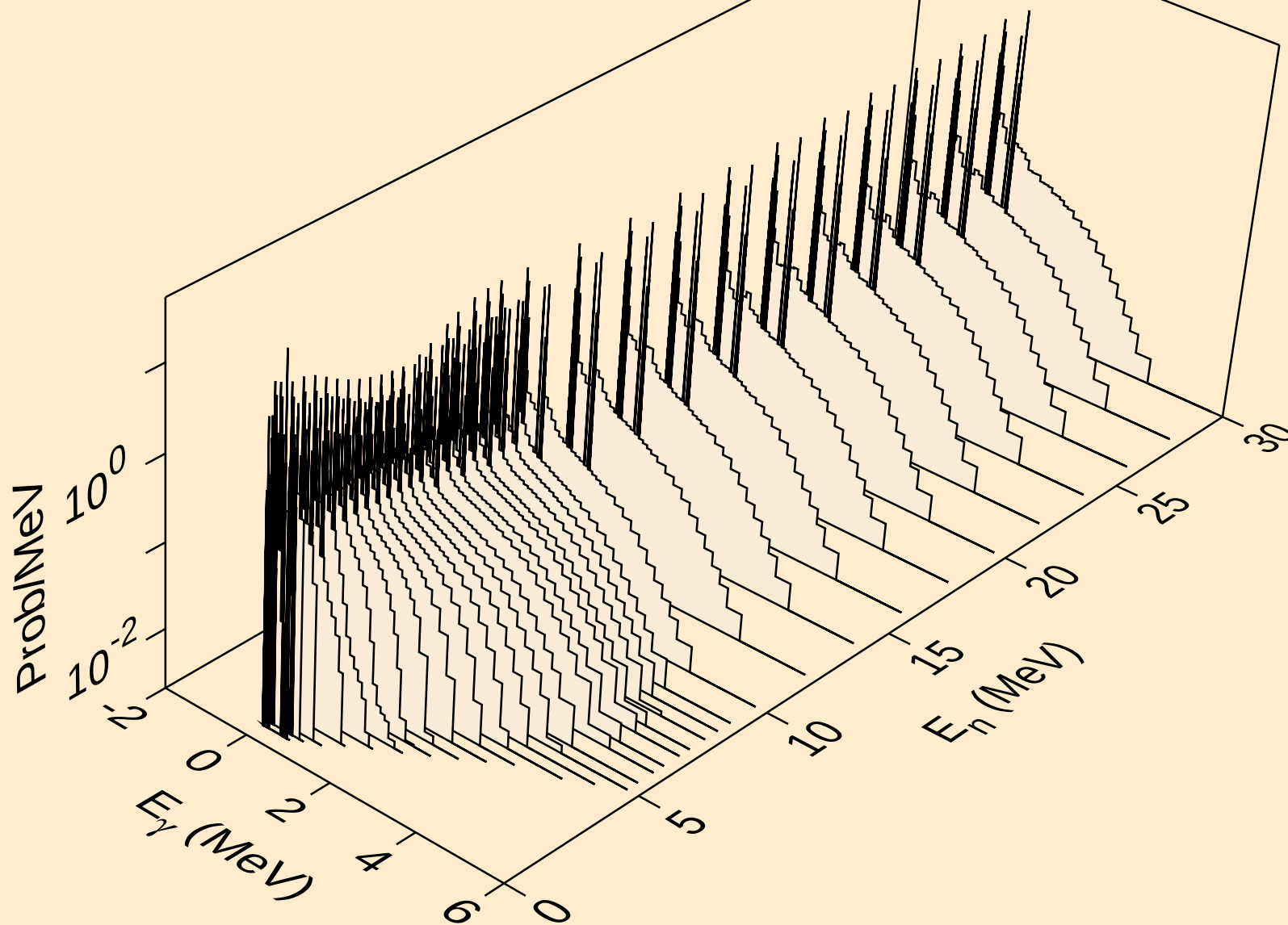


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n2p)

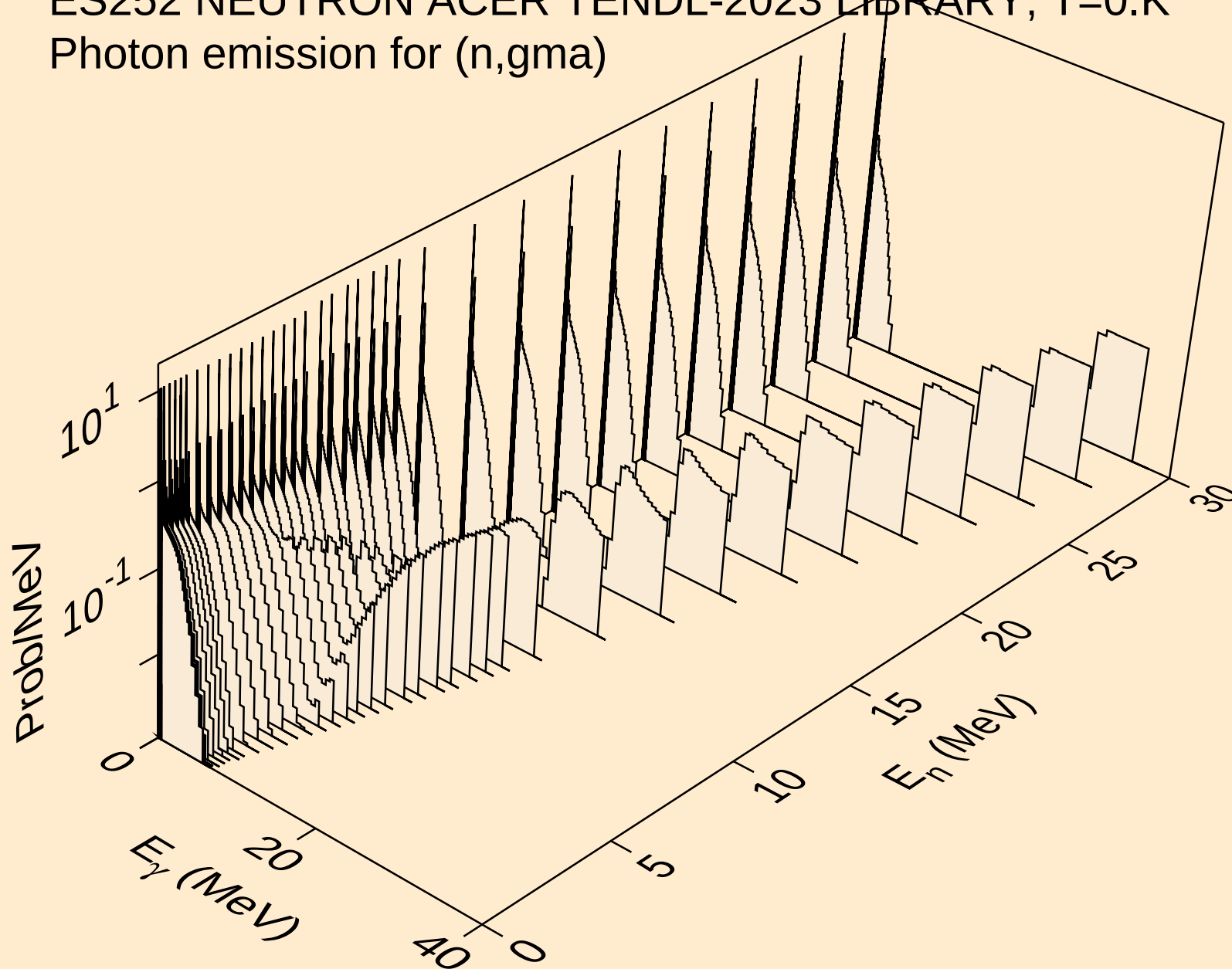


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



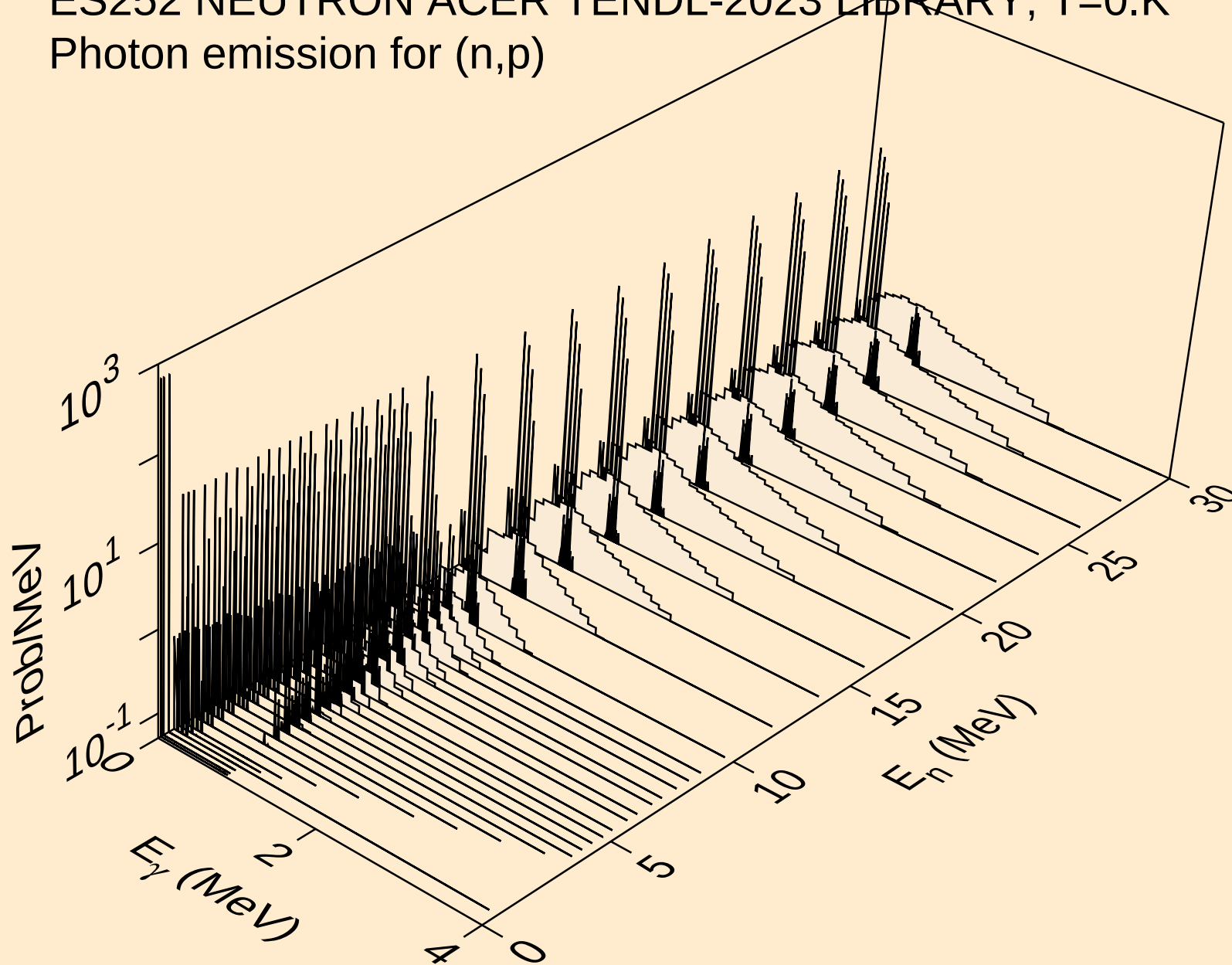
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,gma)

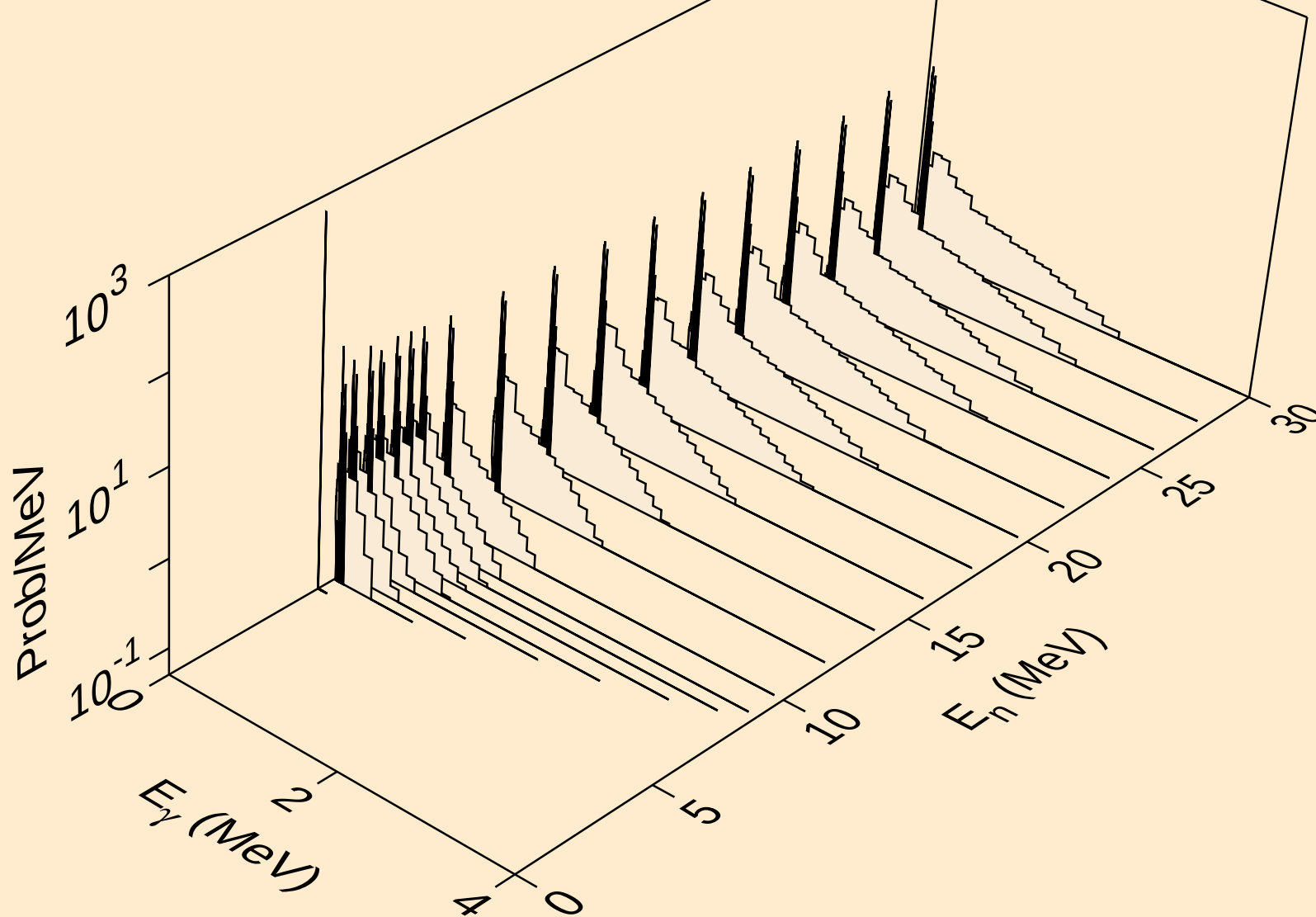


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,p)

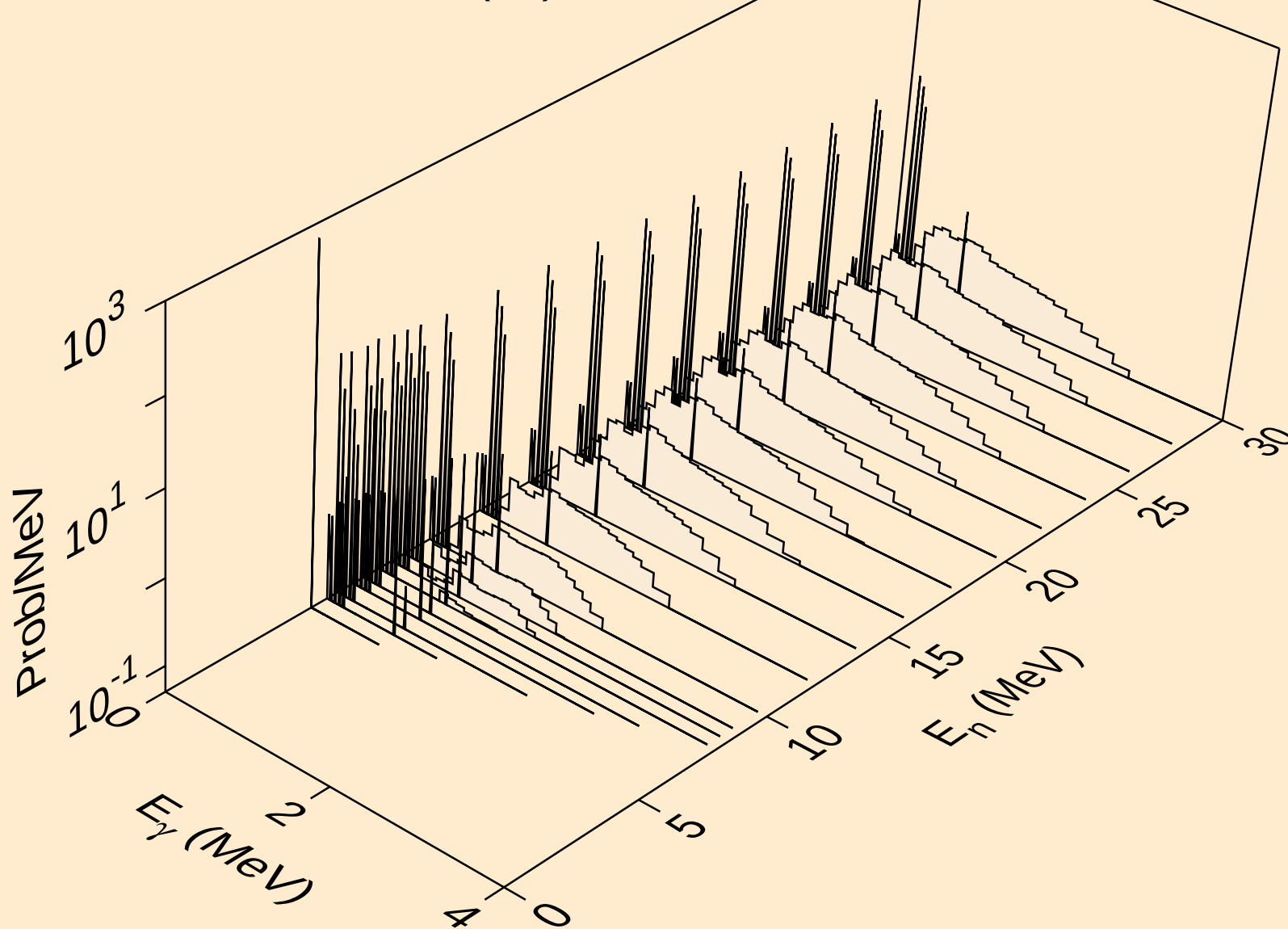


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)

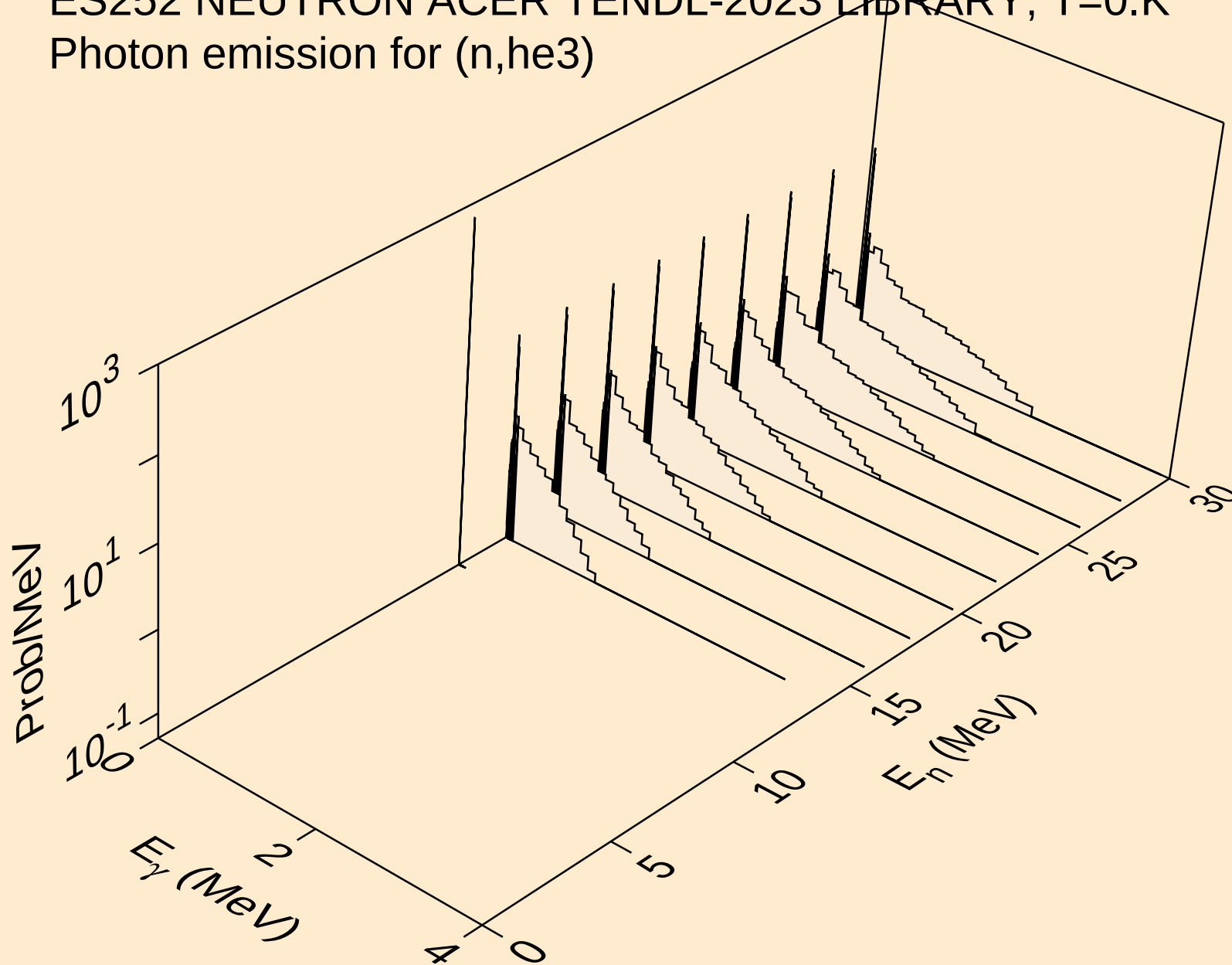


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)

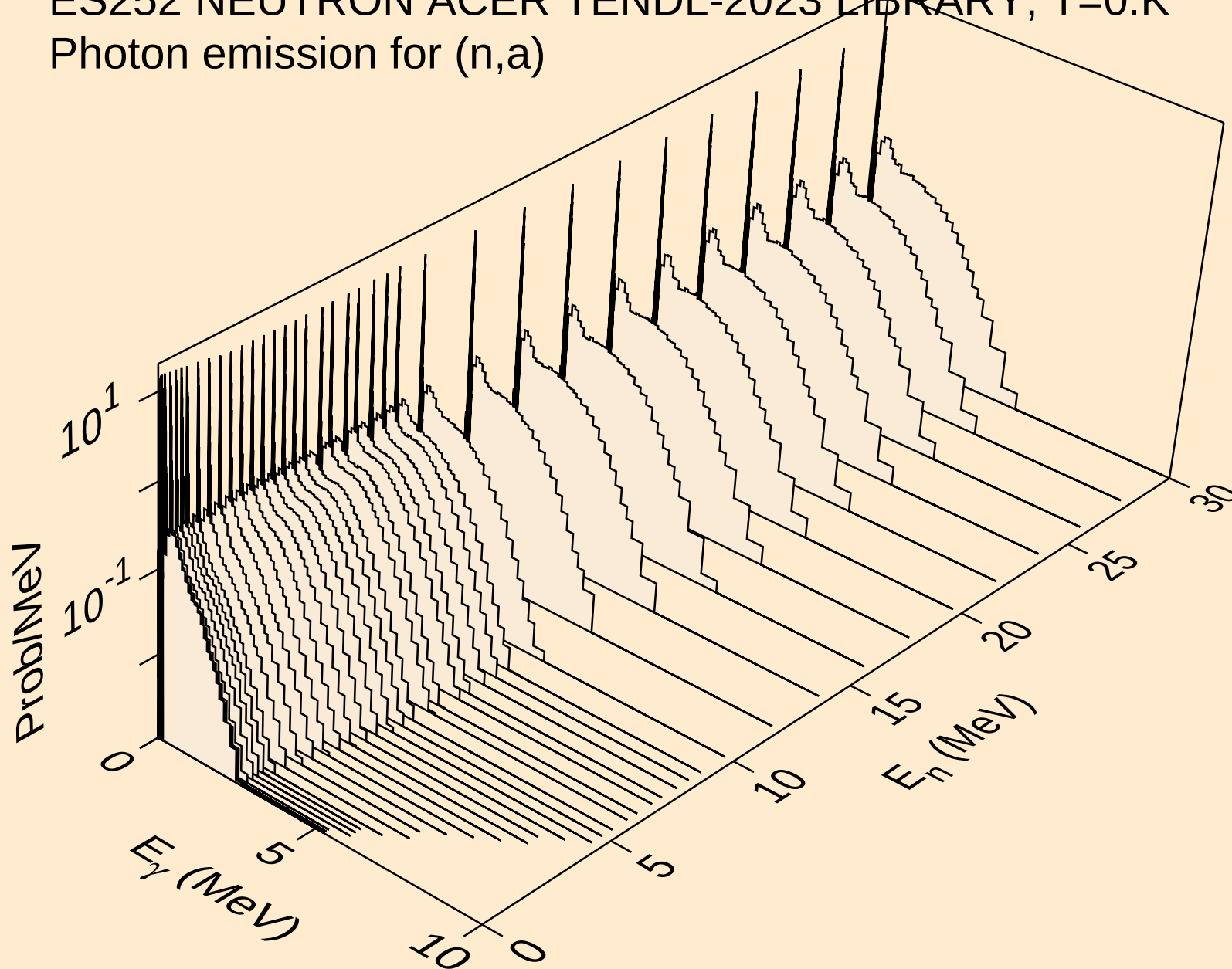


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



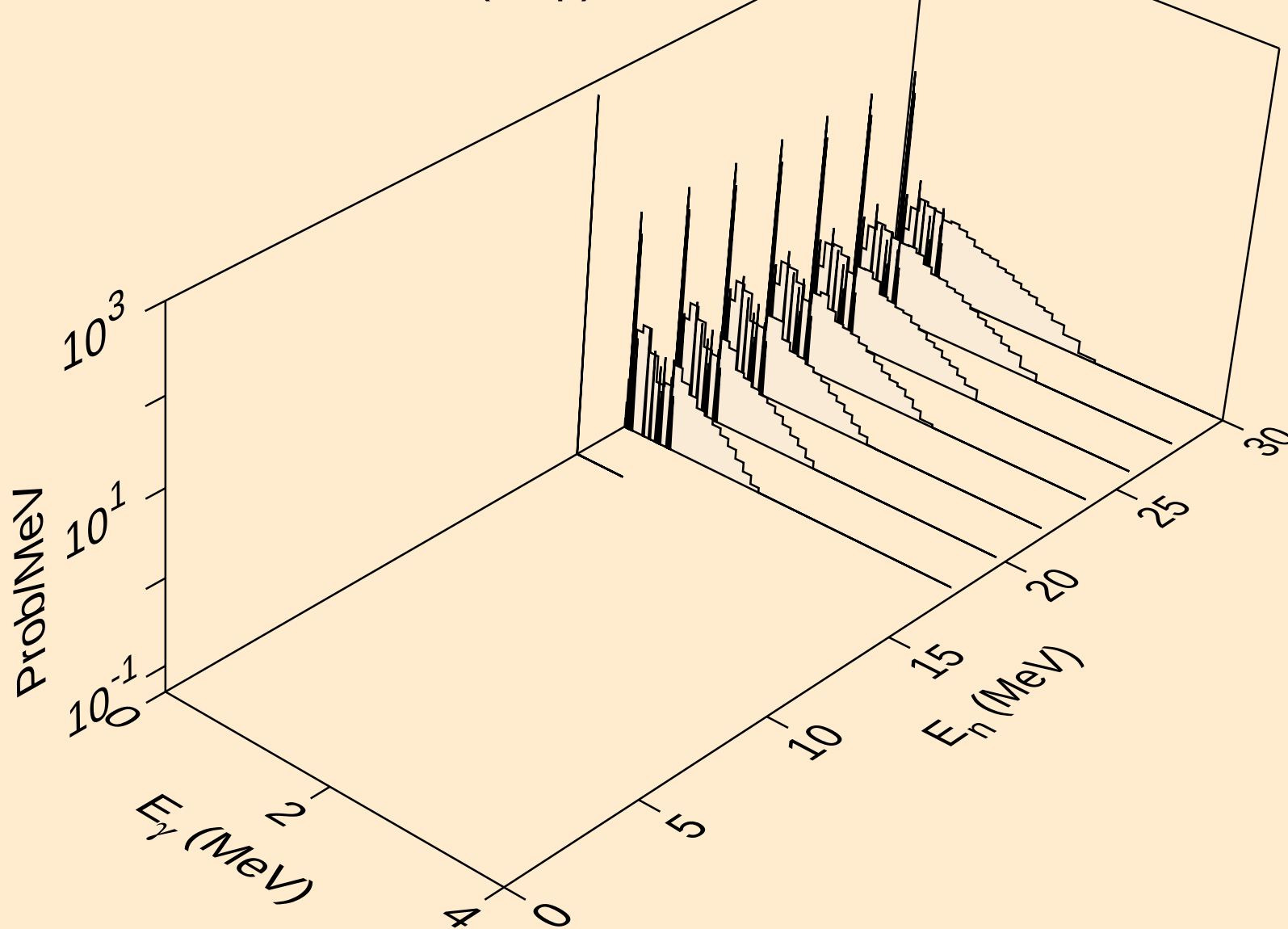
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Photon emission for (n,a)

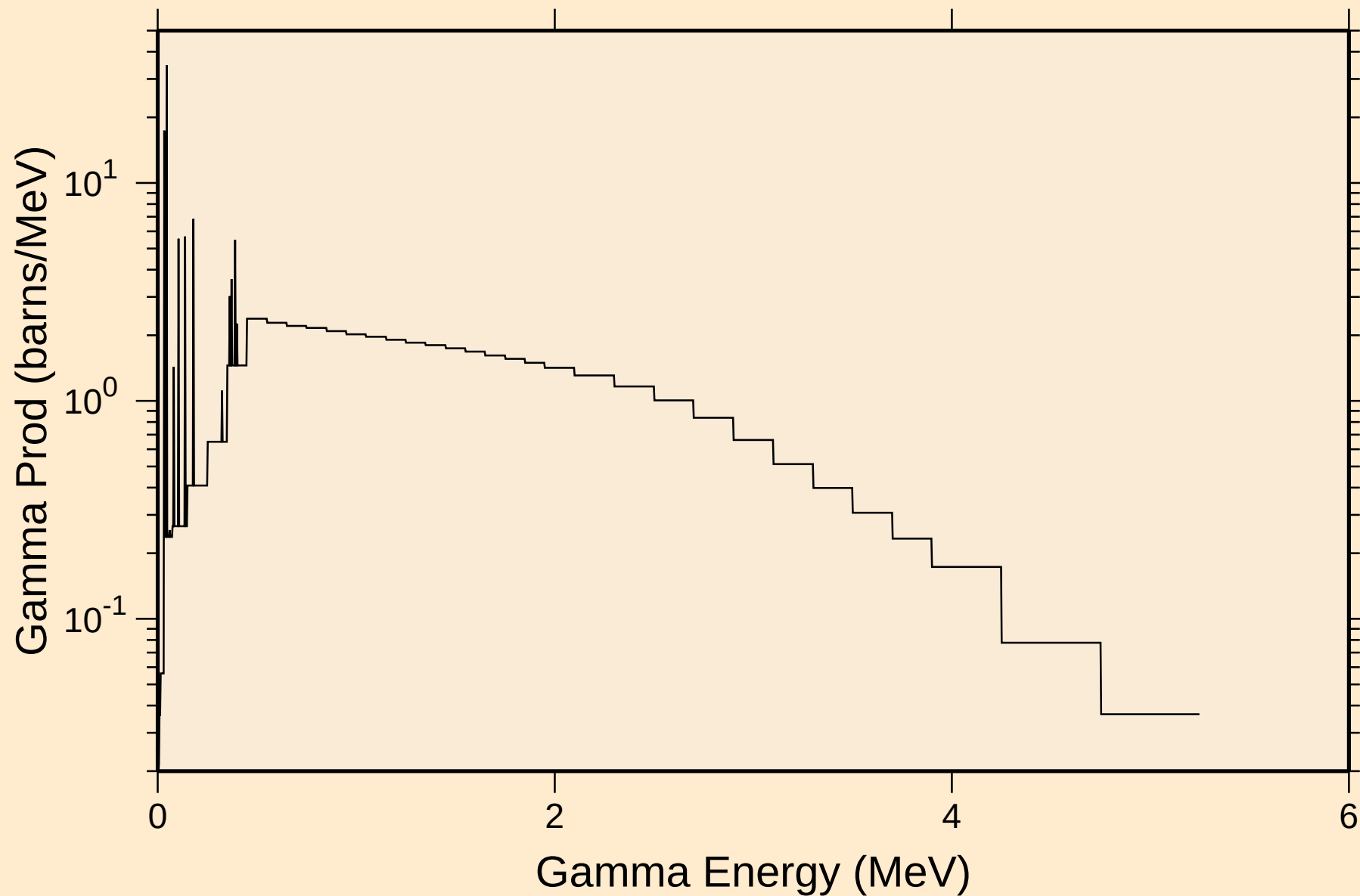


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Photon emission for (n,2p)

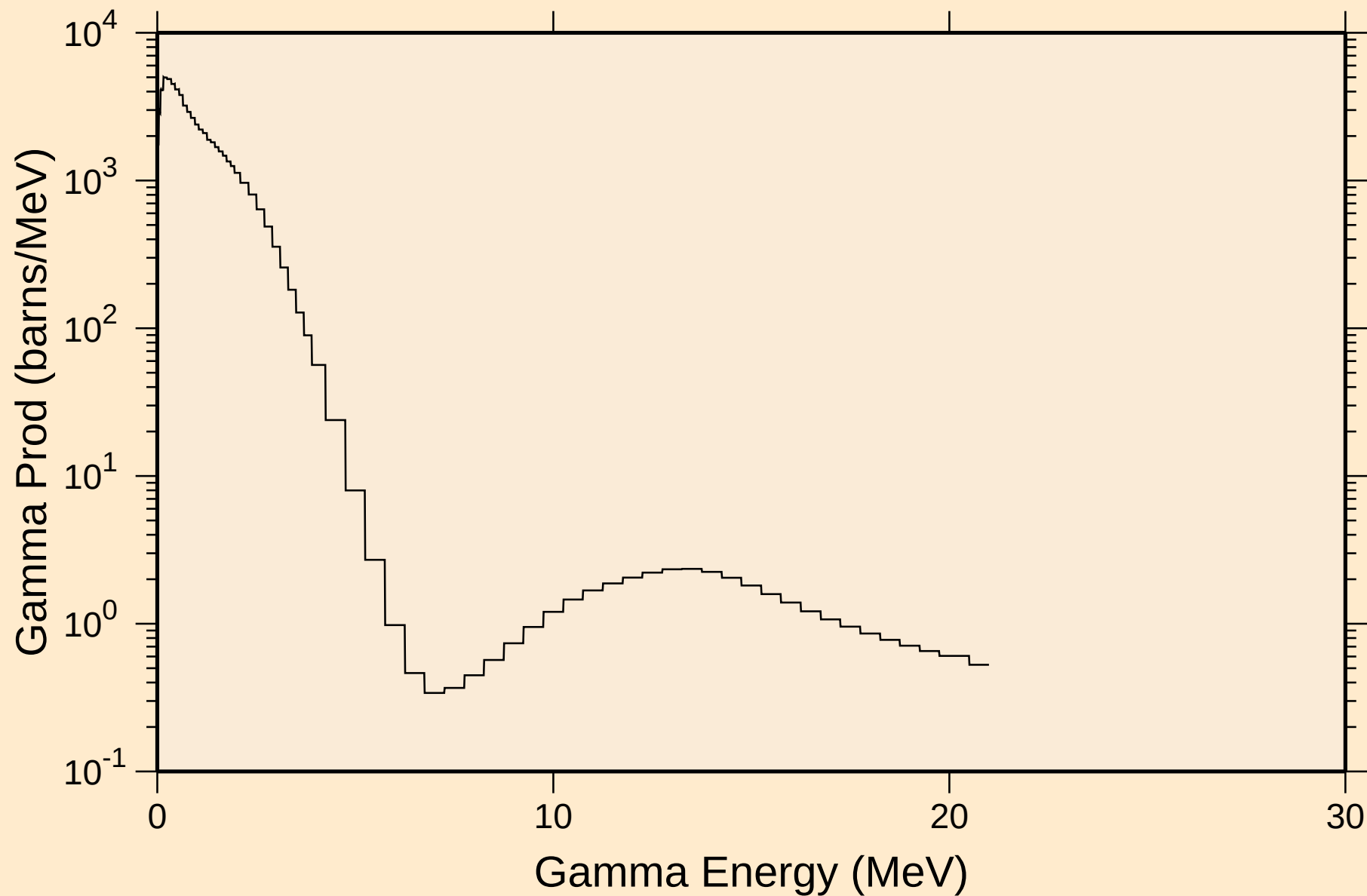


ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



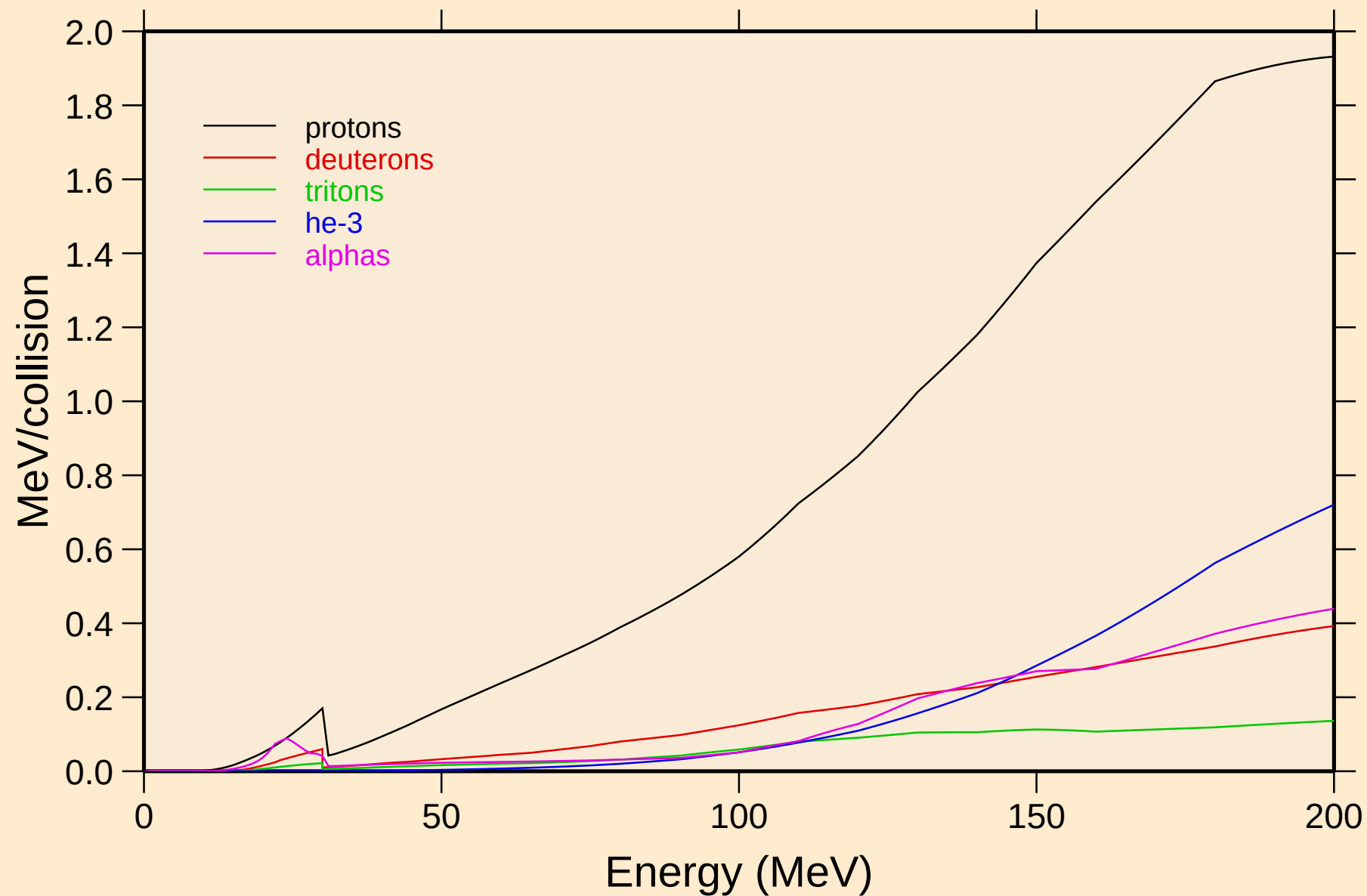
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

14 MeV photon spectrum



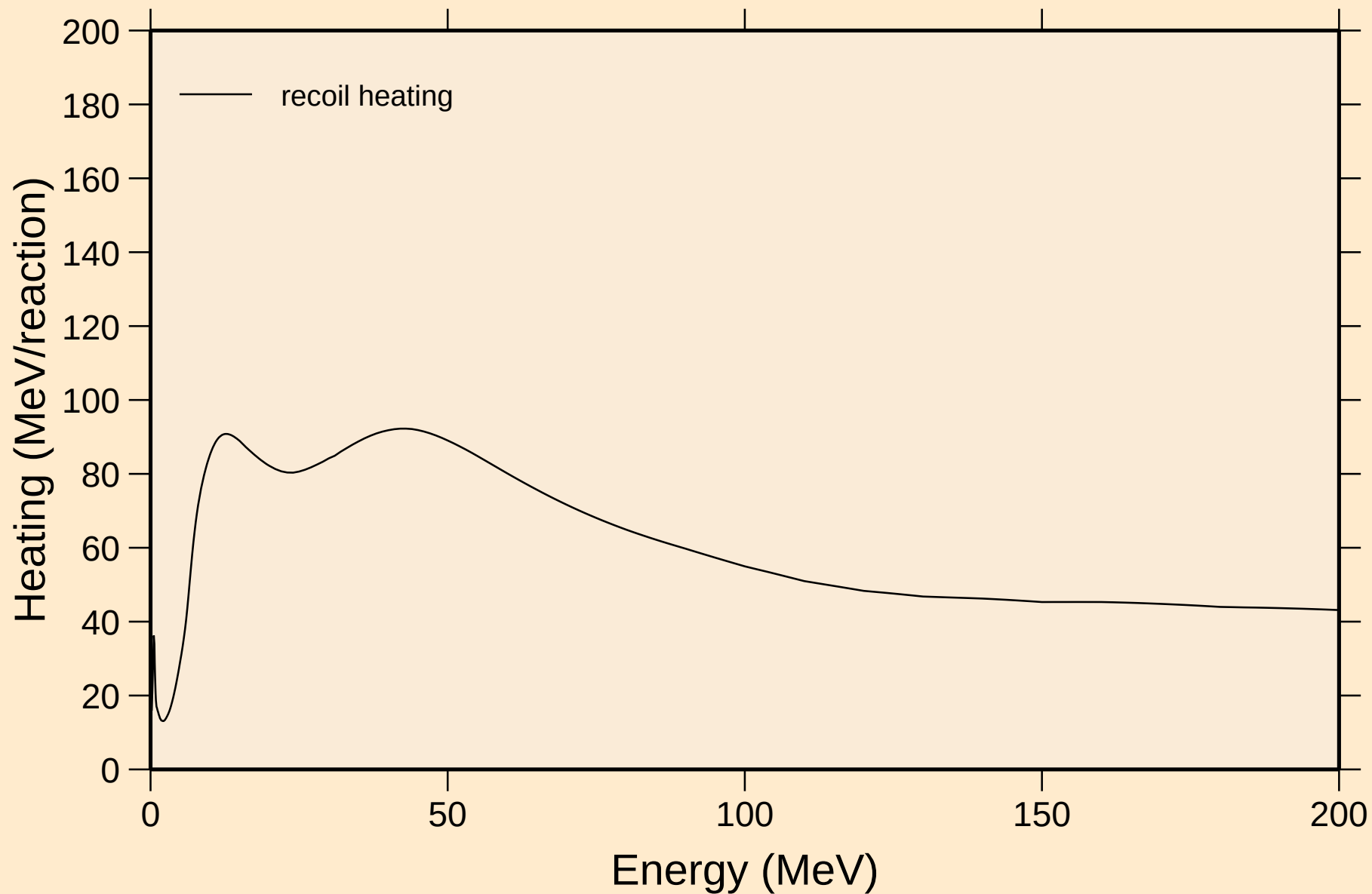
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Particle heating contributions



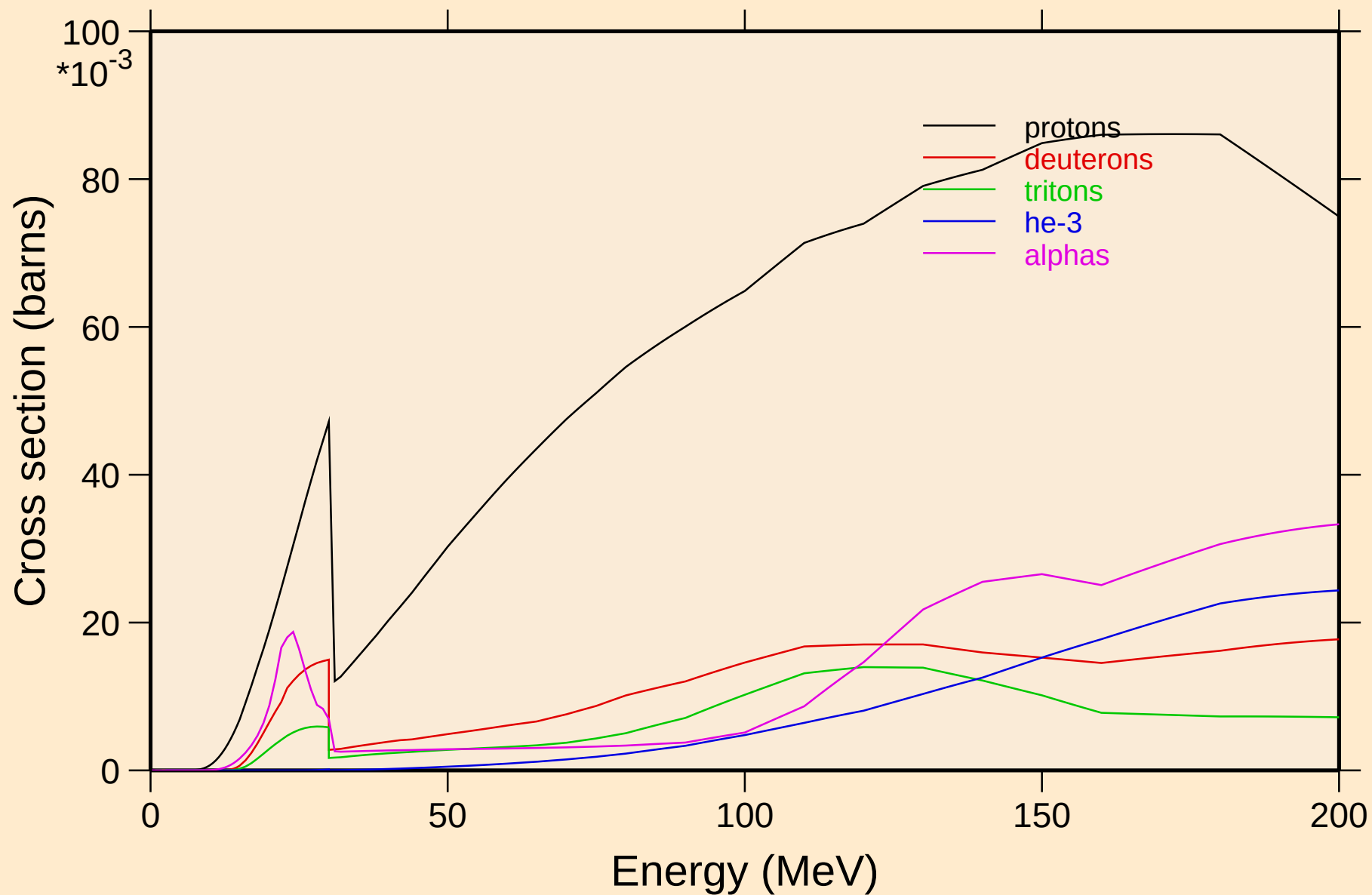
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Recoil Heating

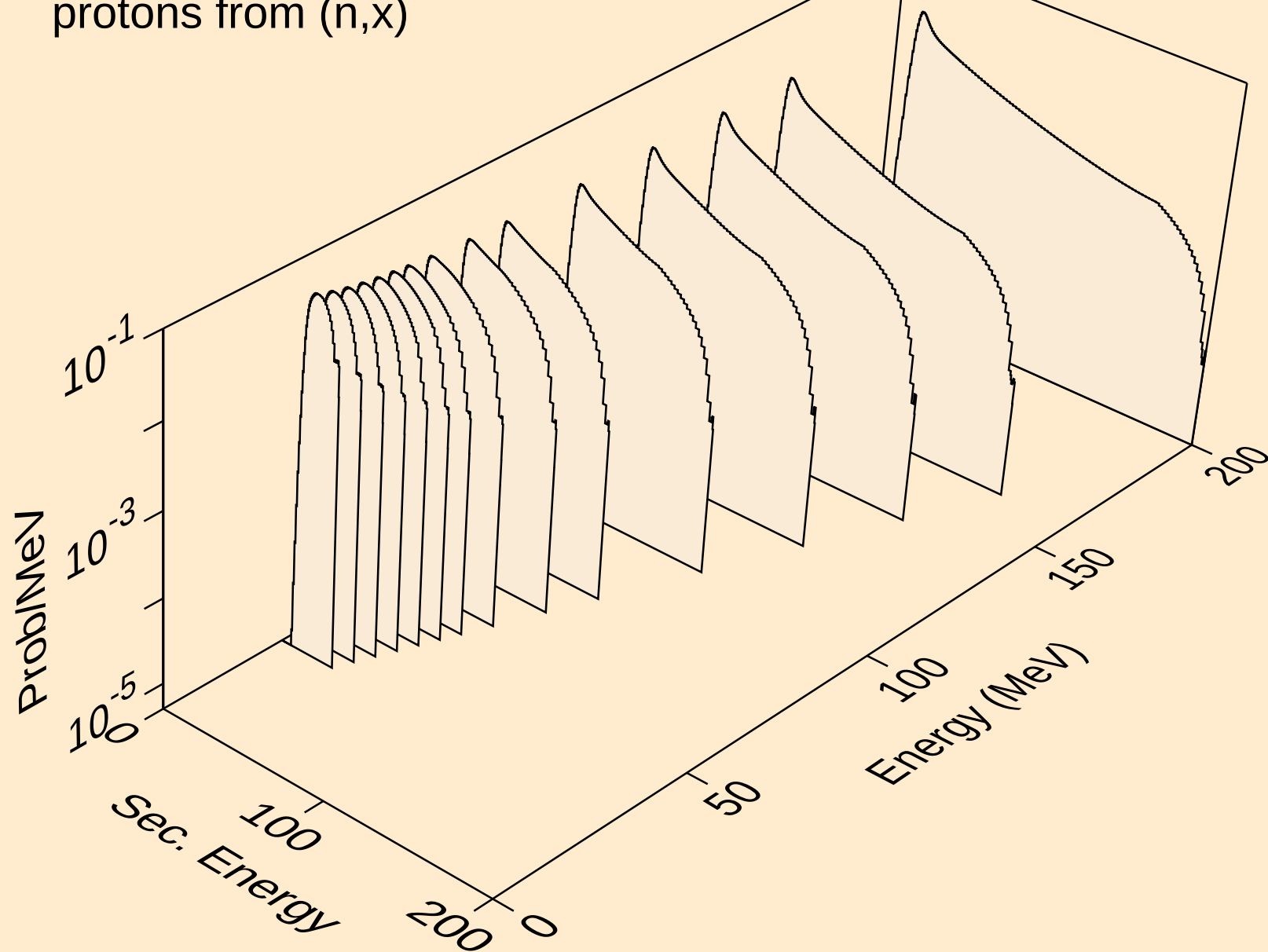


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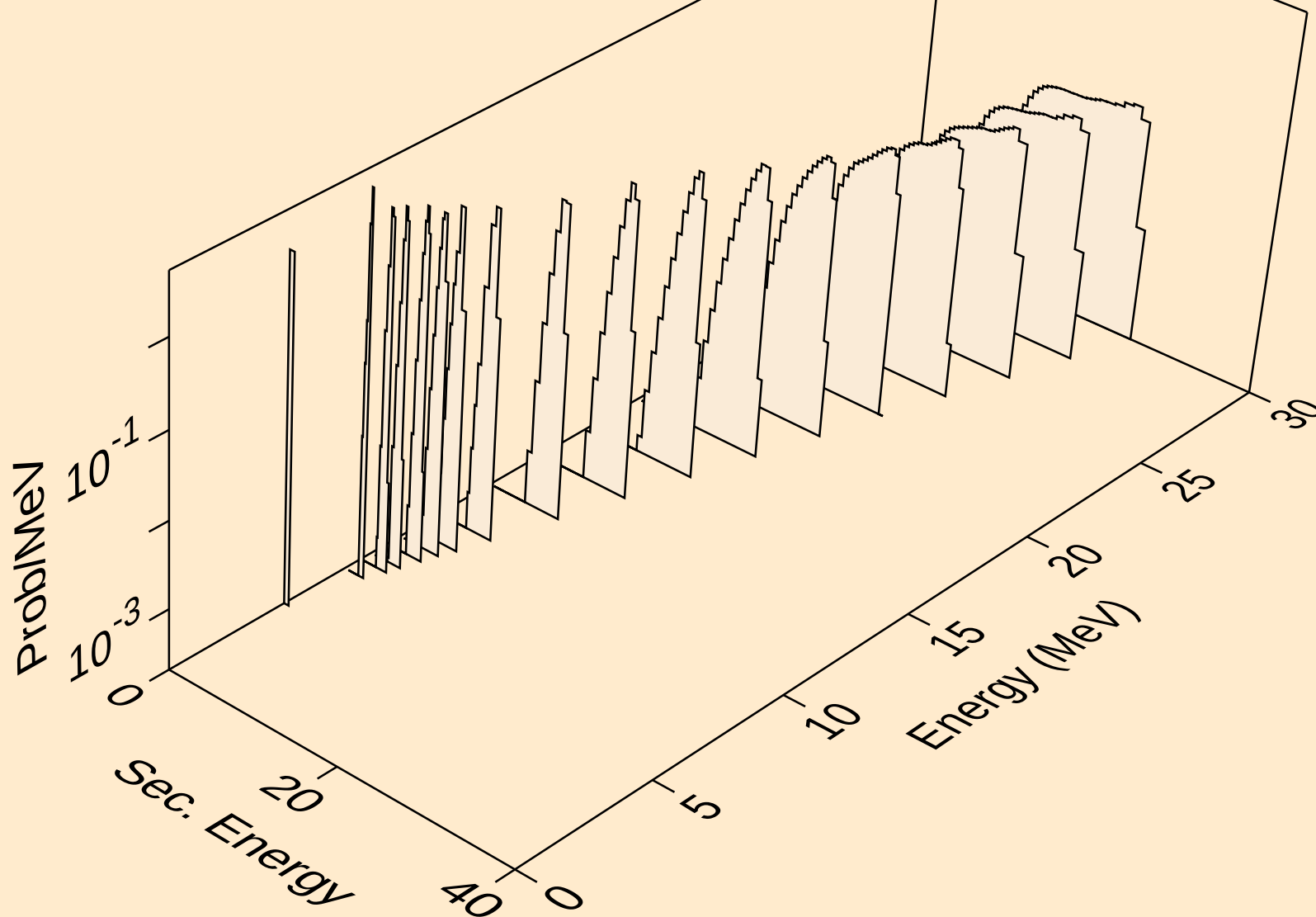
Particle production cross sections



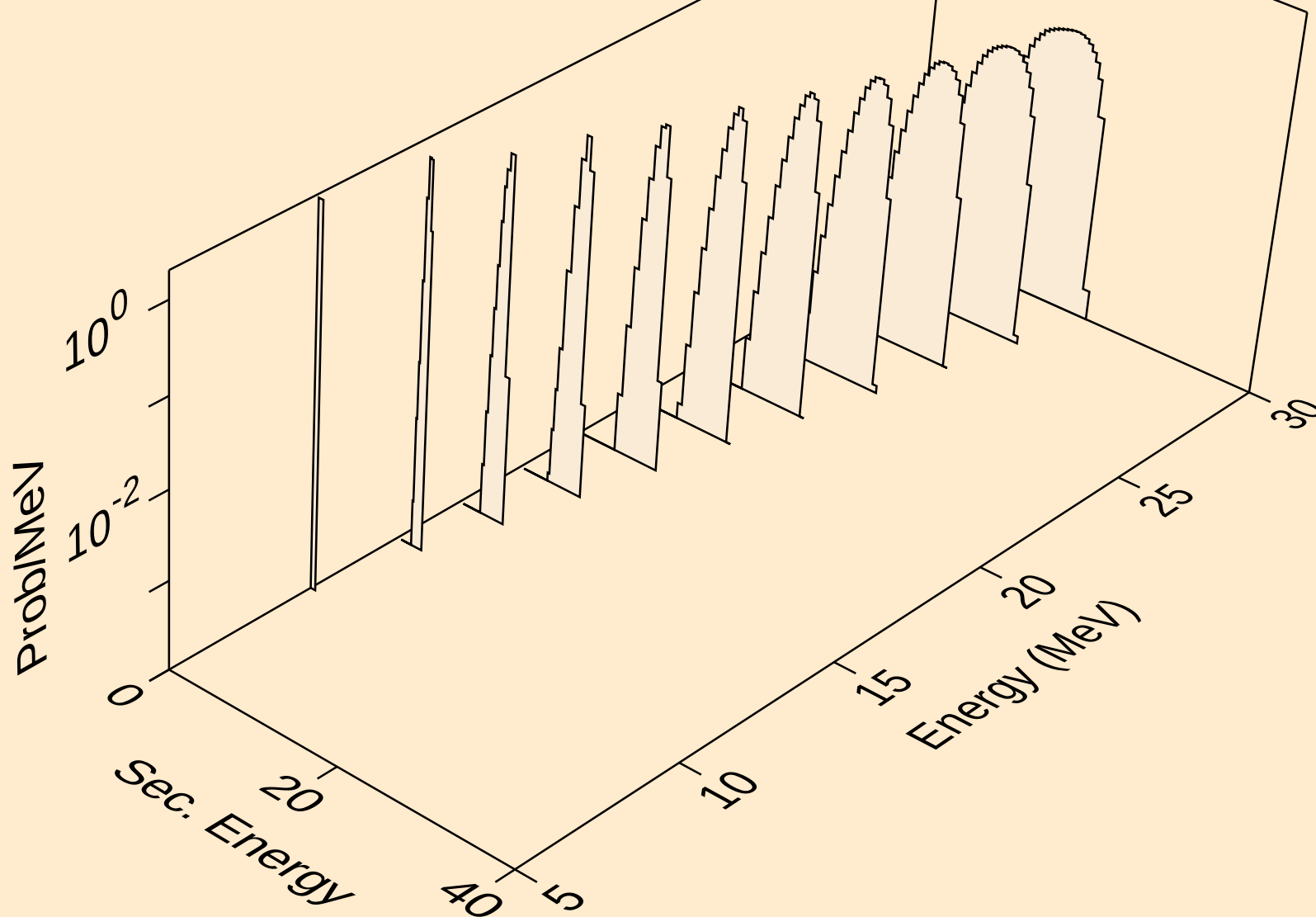
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



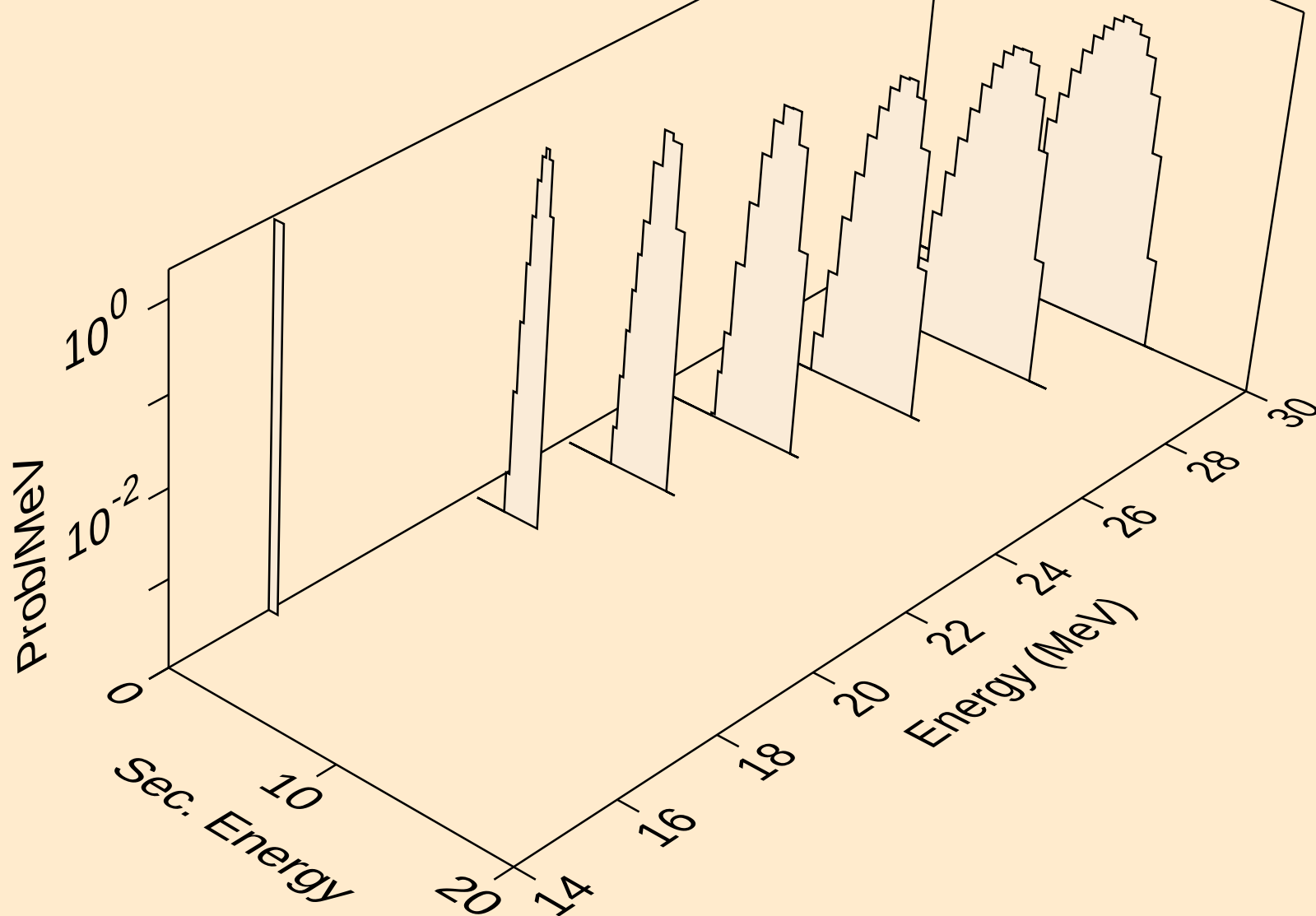
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



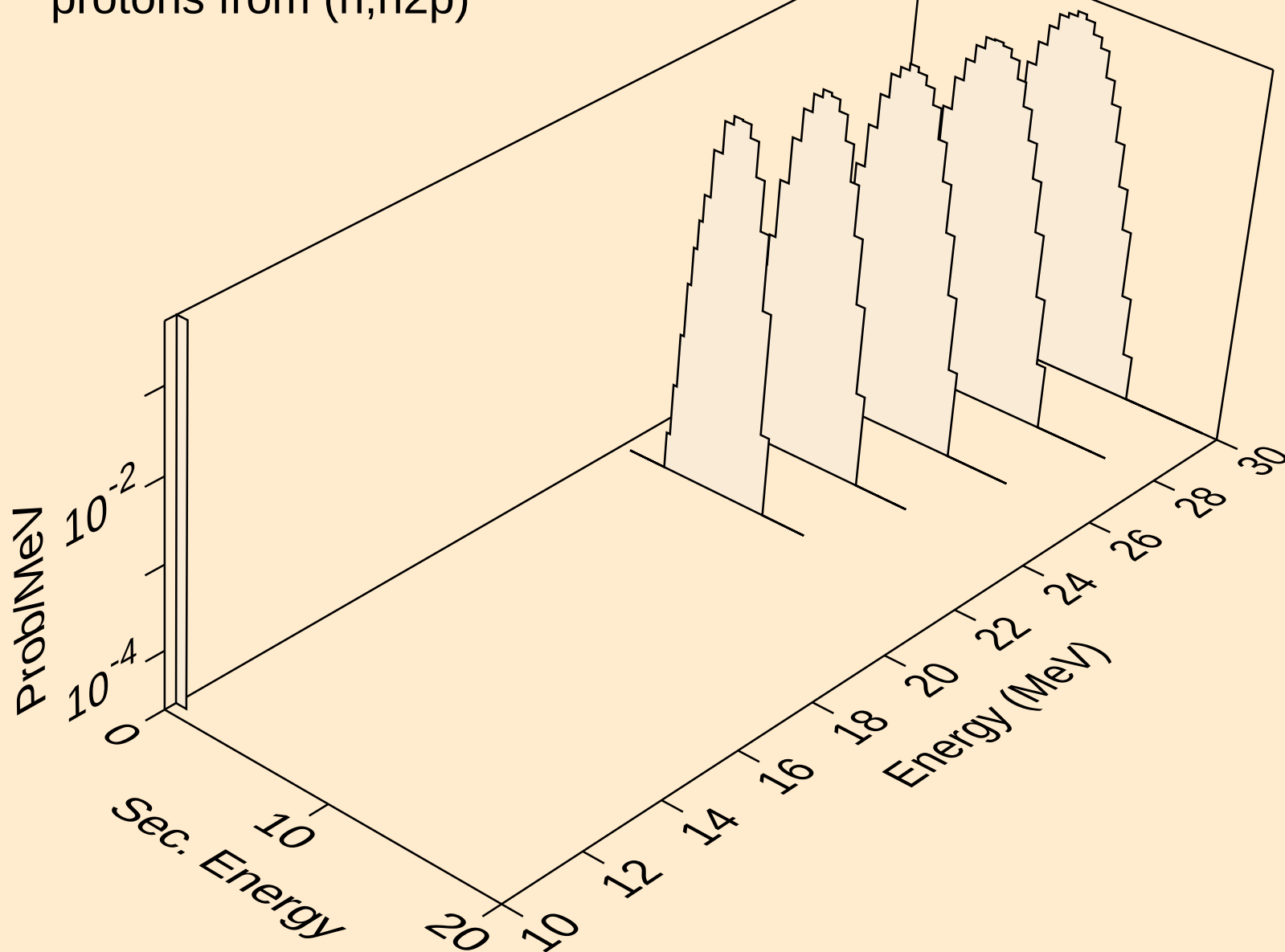
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protons from (n,2np)



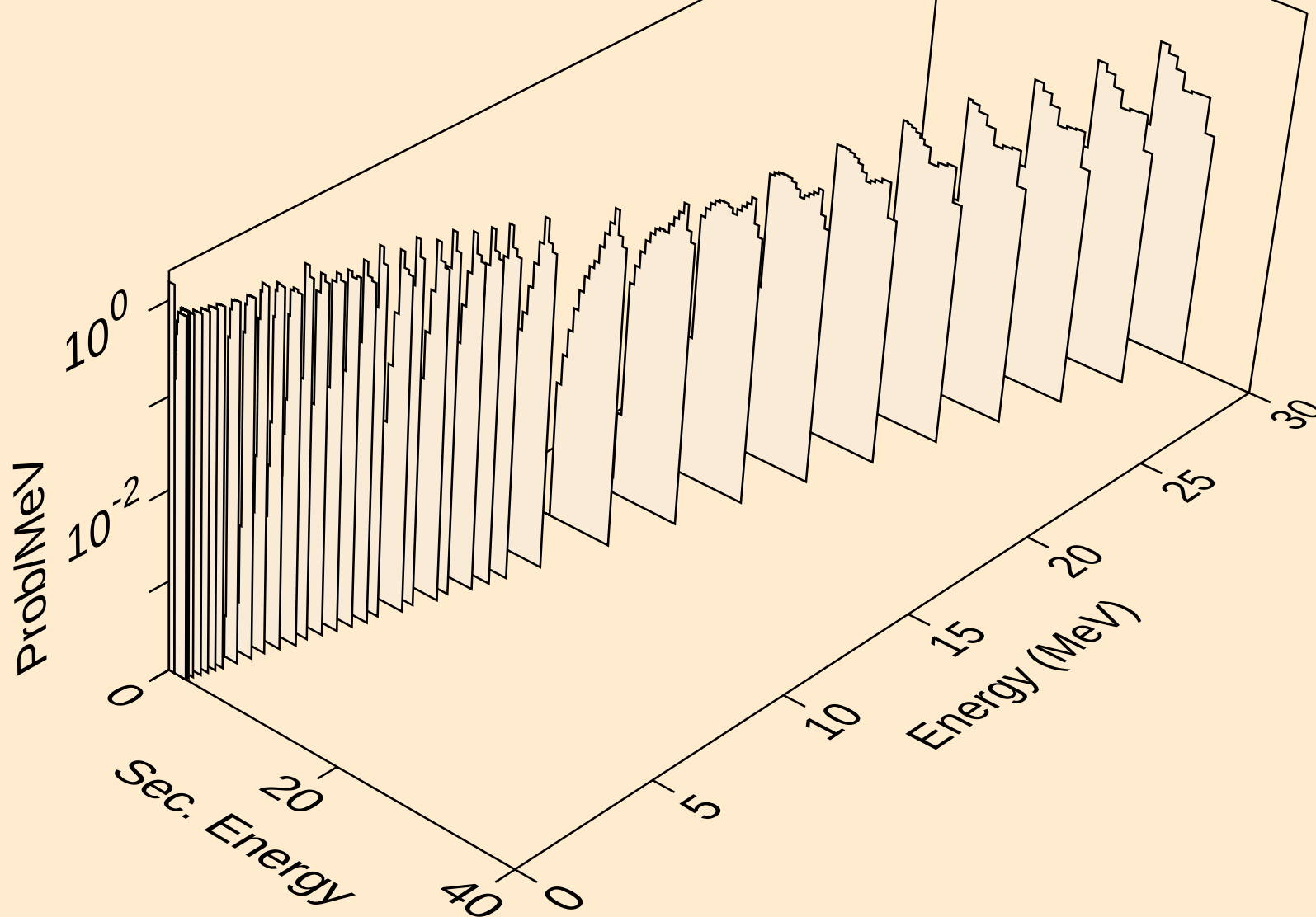
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protons from (n,3np)



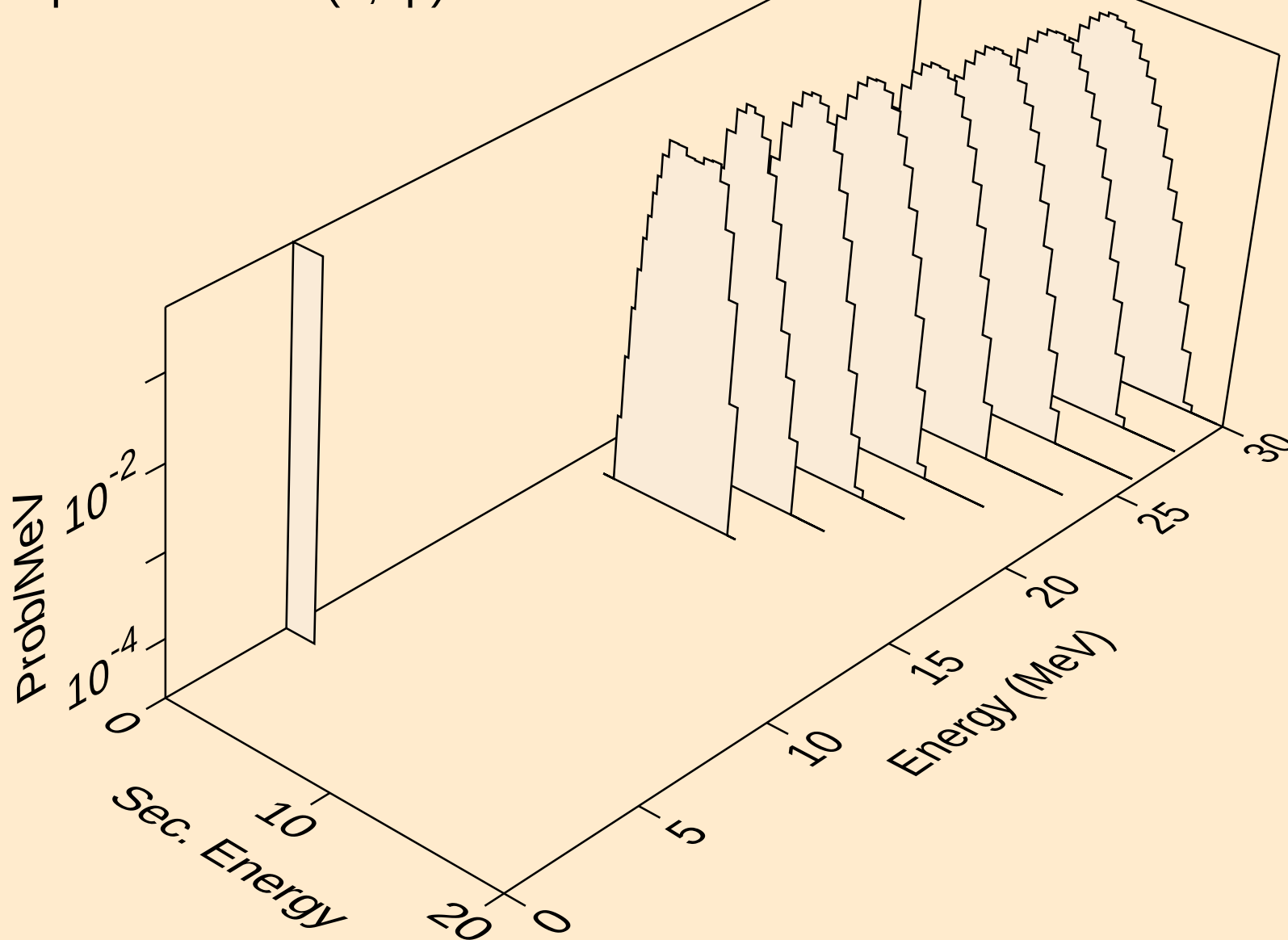
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protons from (n,n2p)



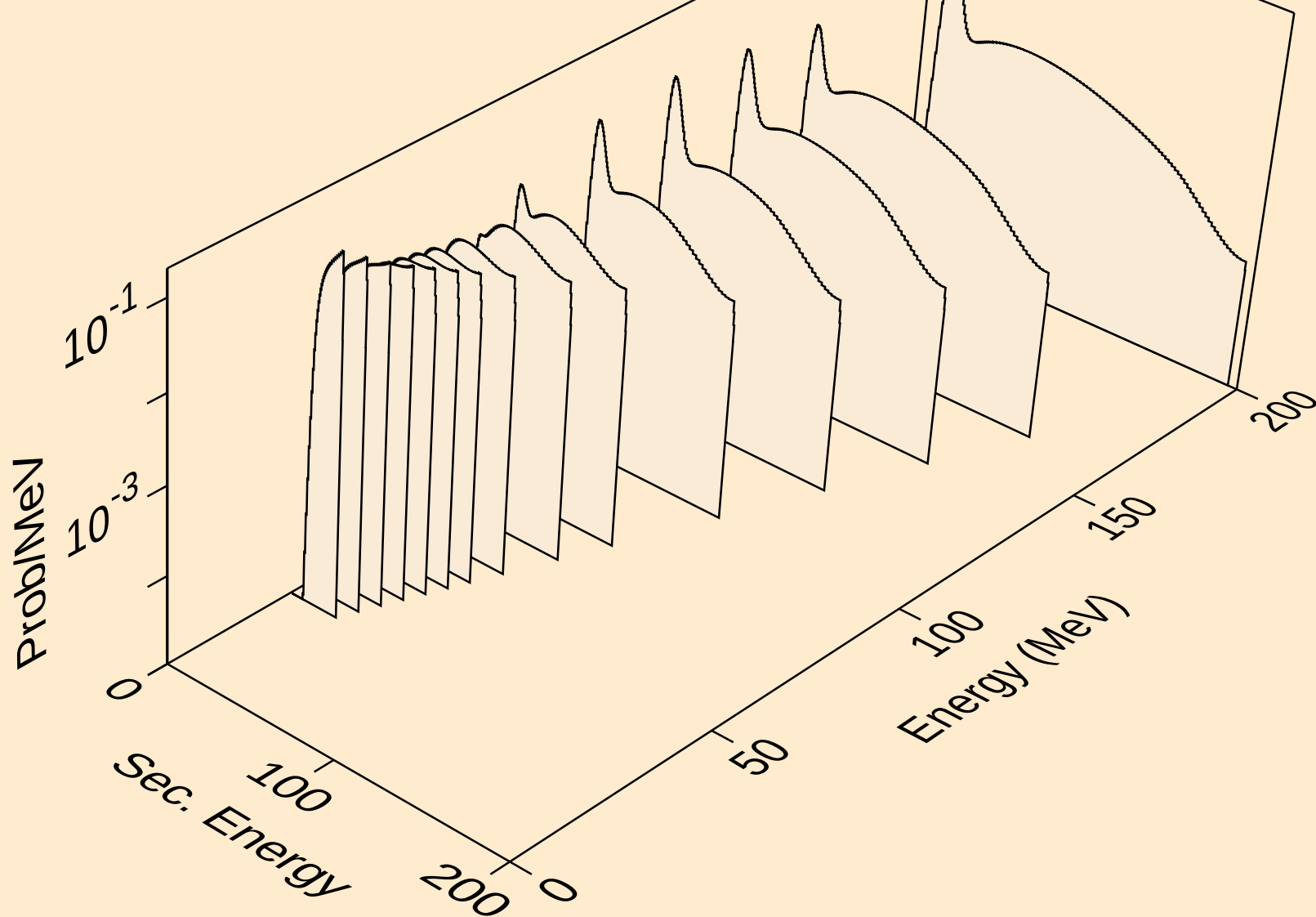
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protons from (n,p)



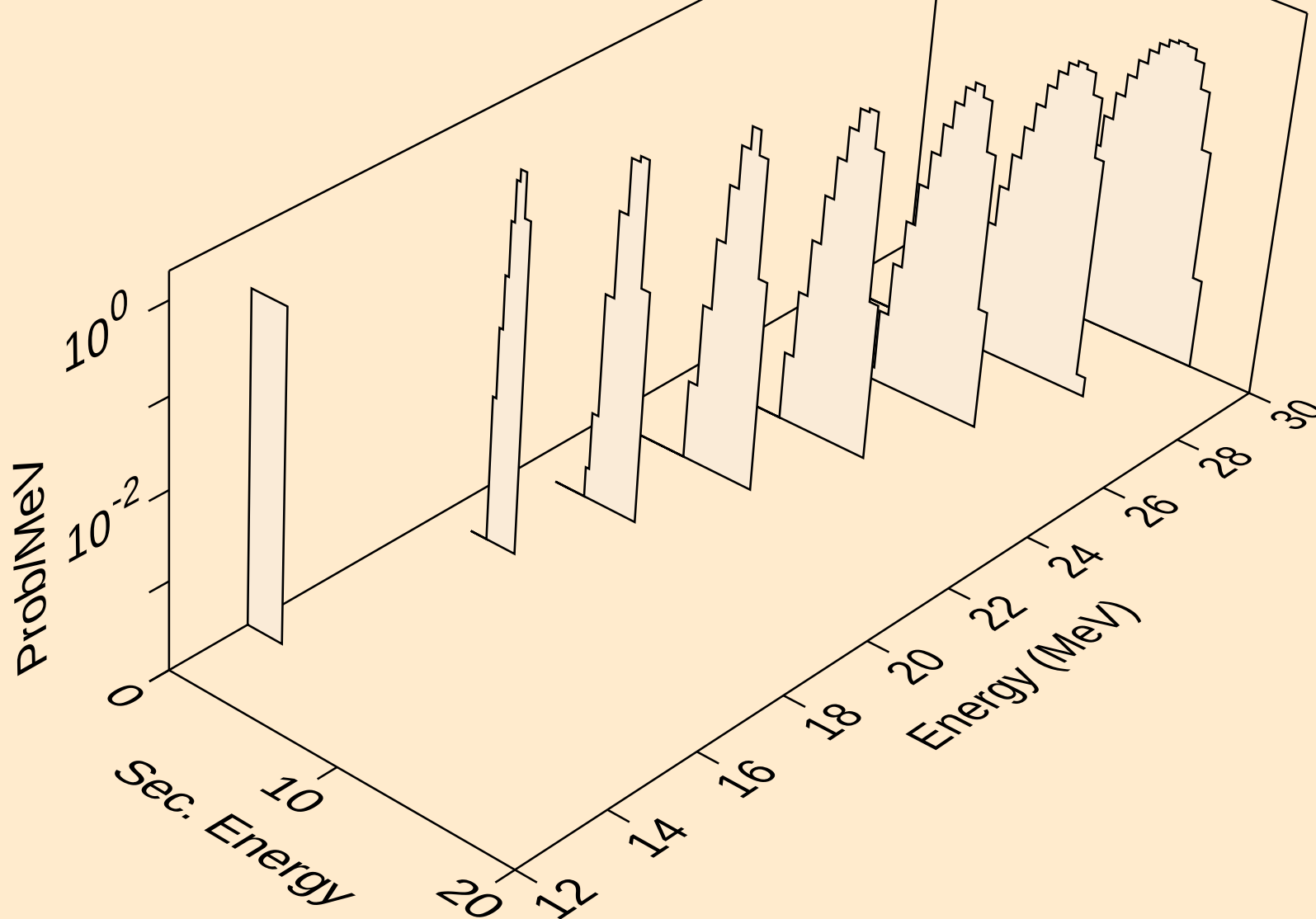
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protons from (n,2p)



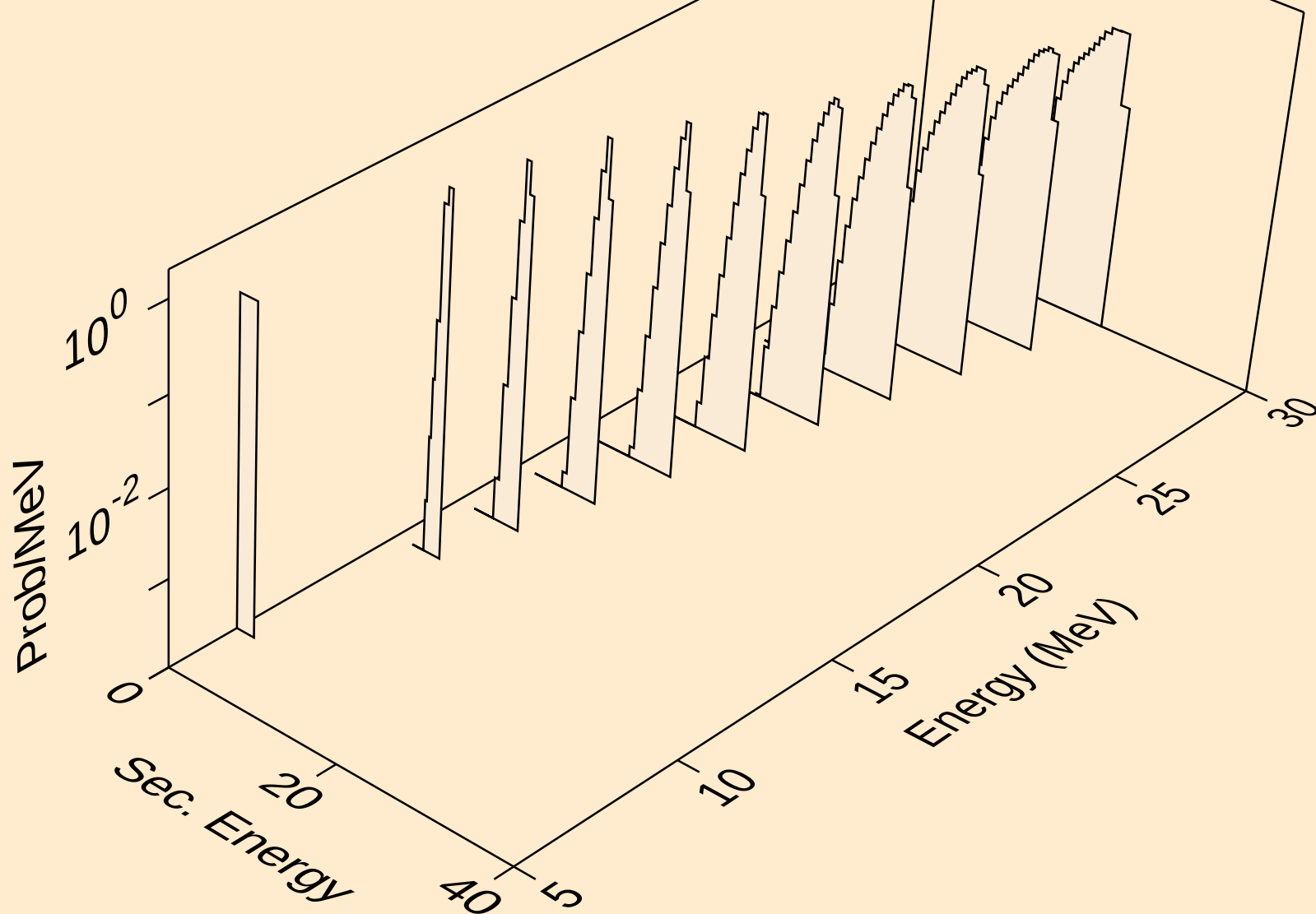
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



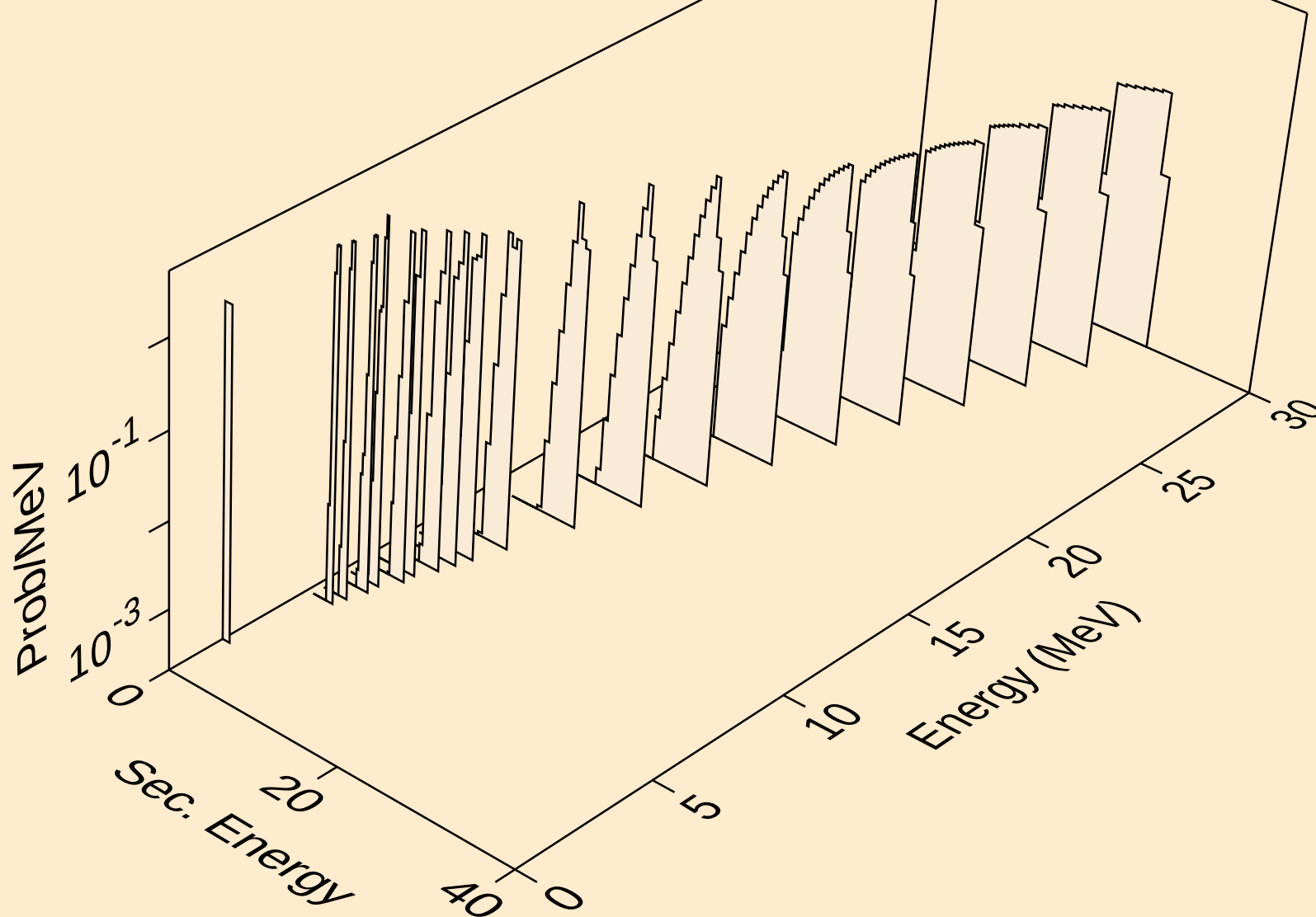
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deuterons from (n,2nd)



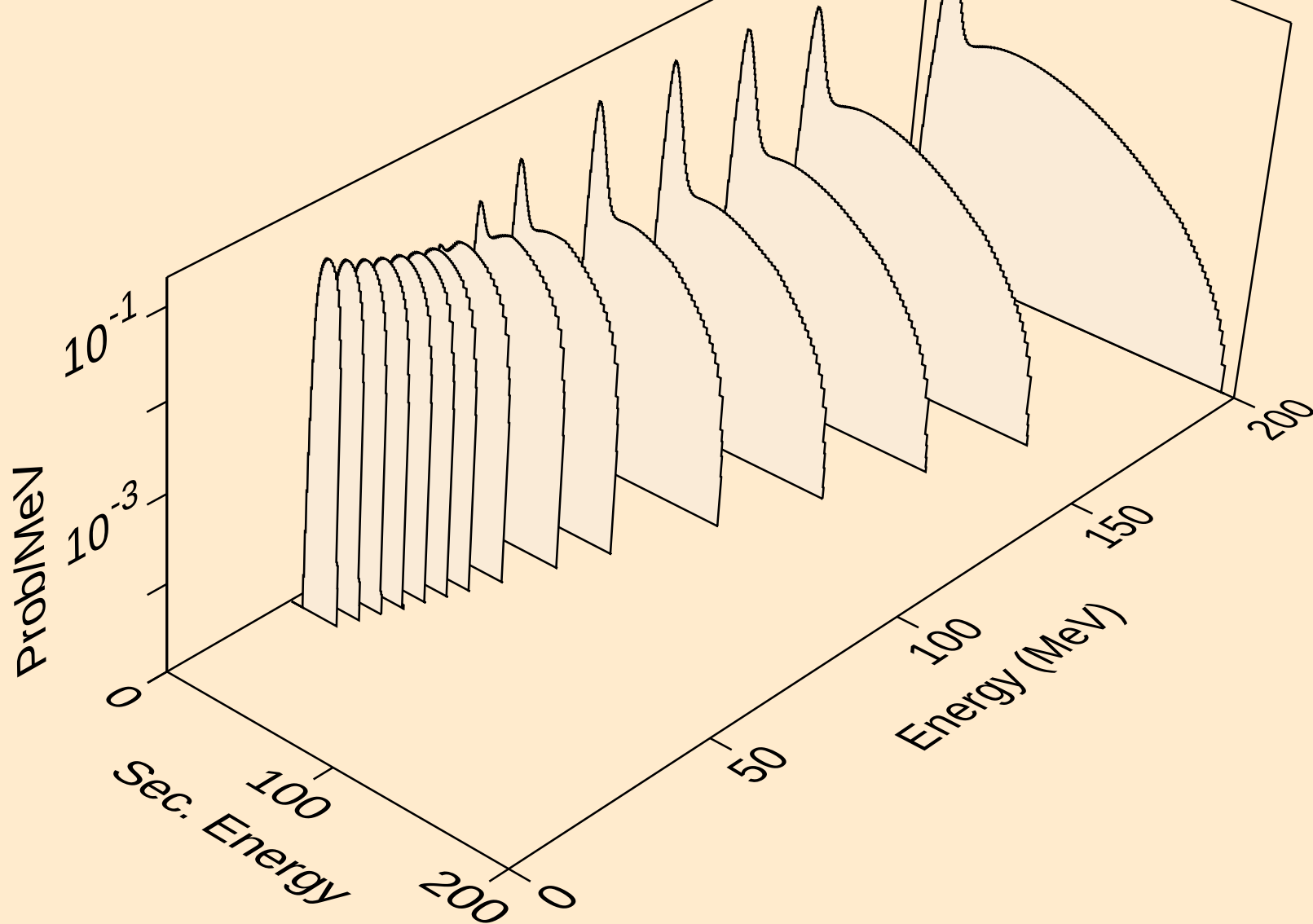
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deuterons from (n,n*)d



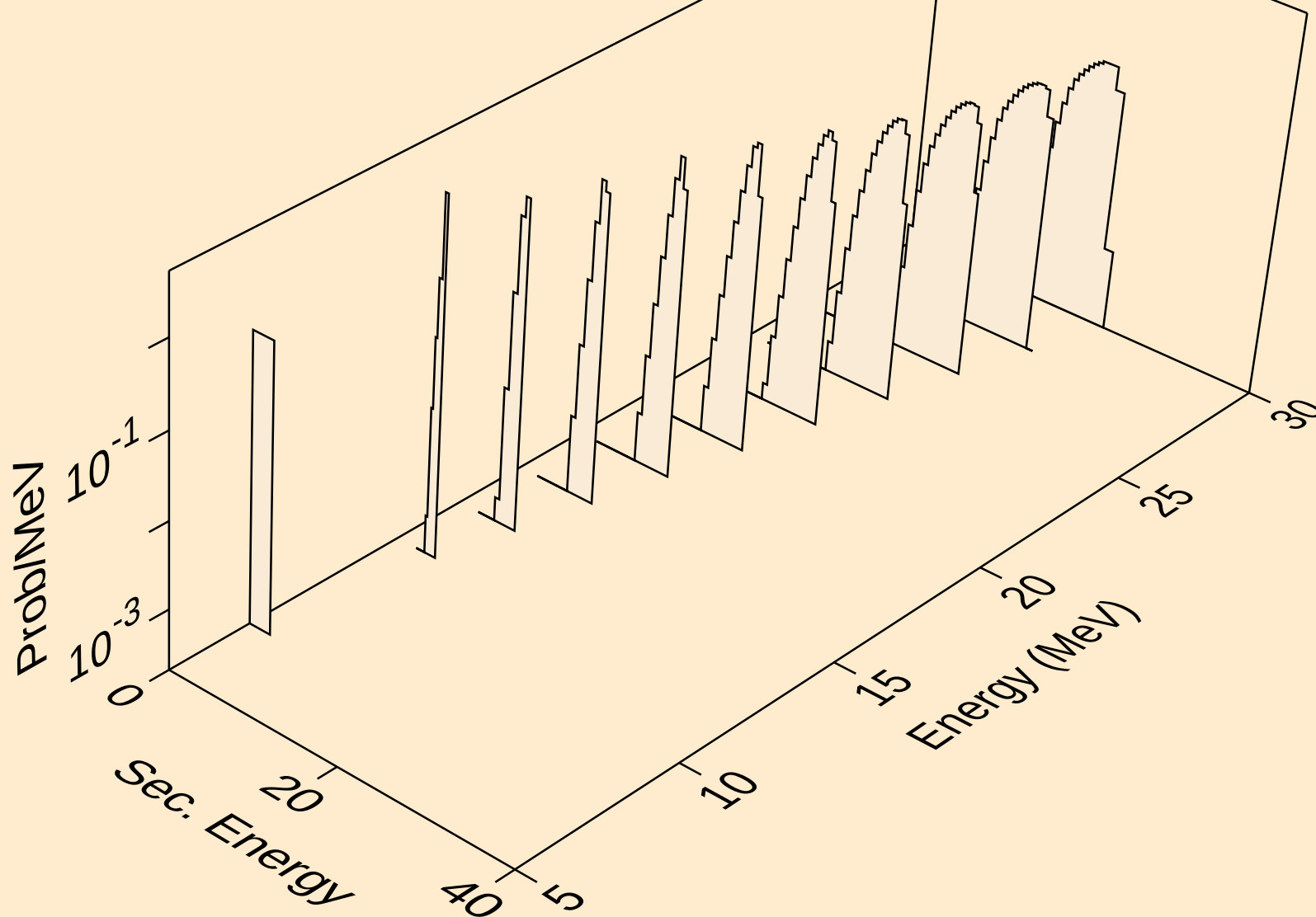
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deuterons from (n,d)



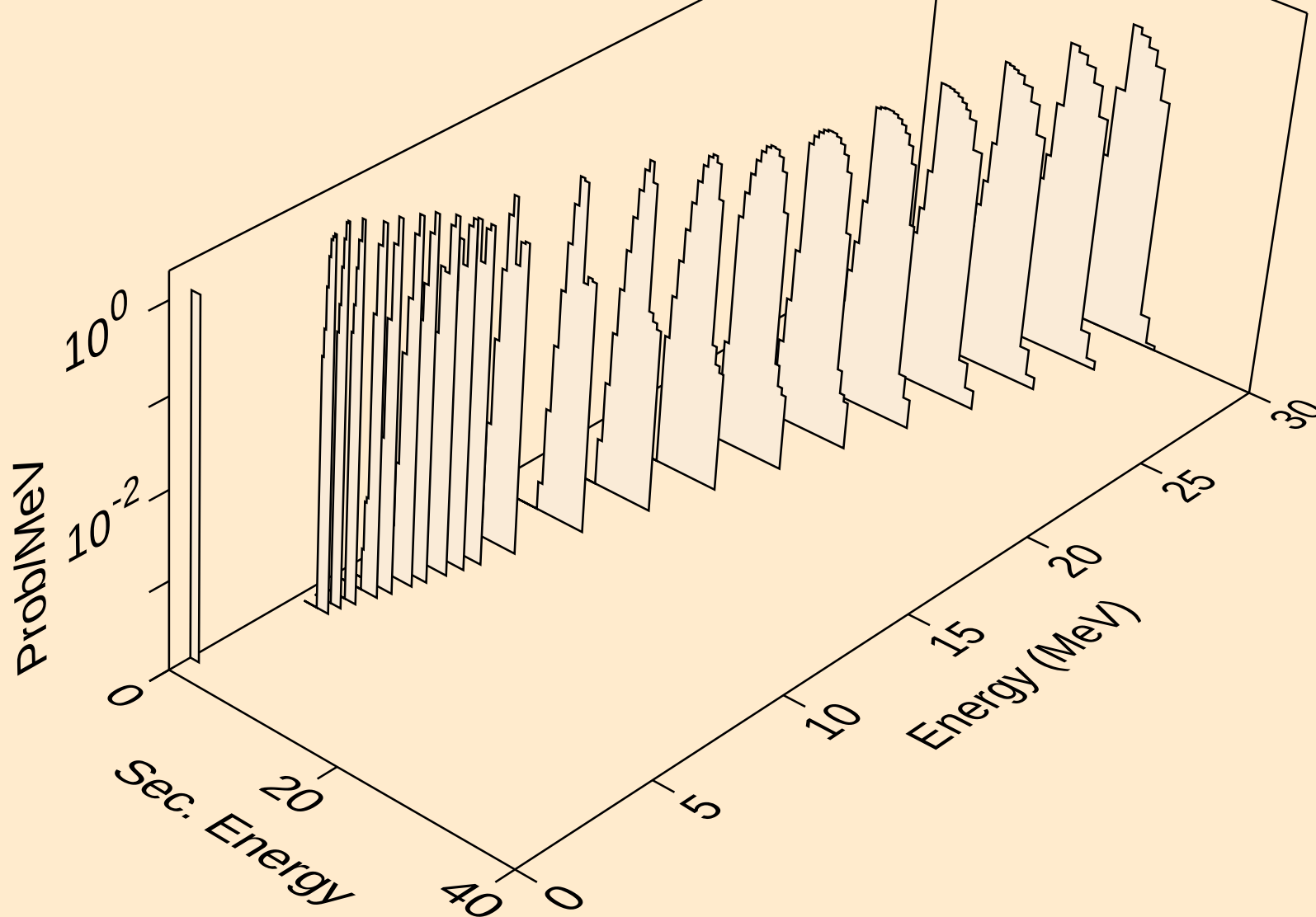
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tritons from (n,x)



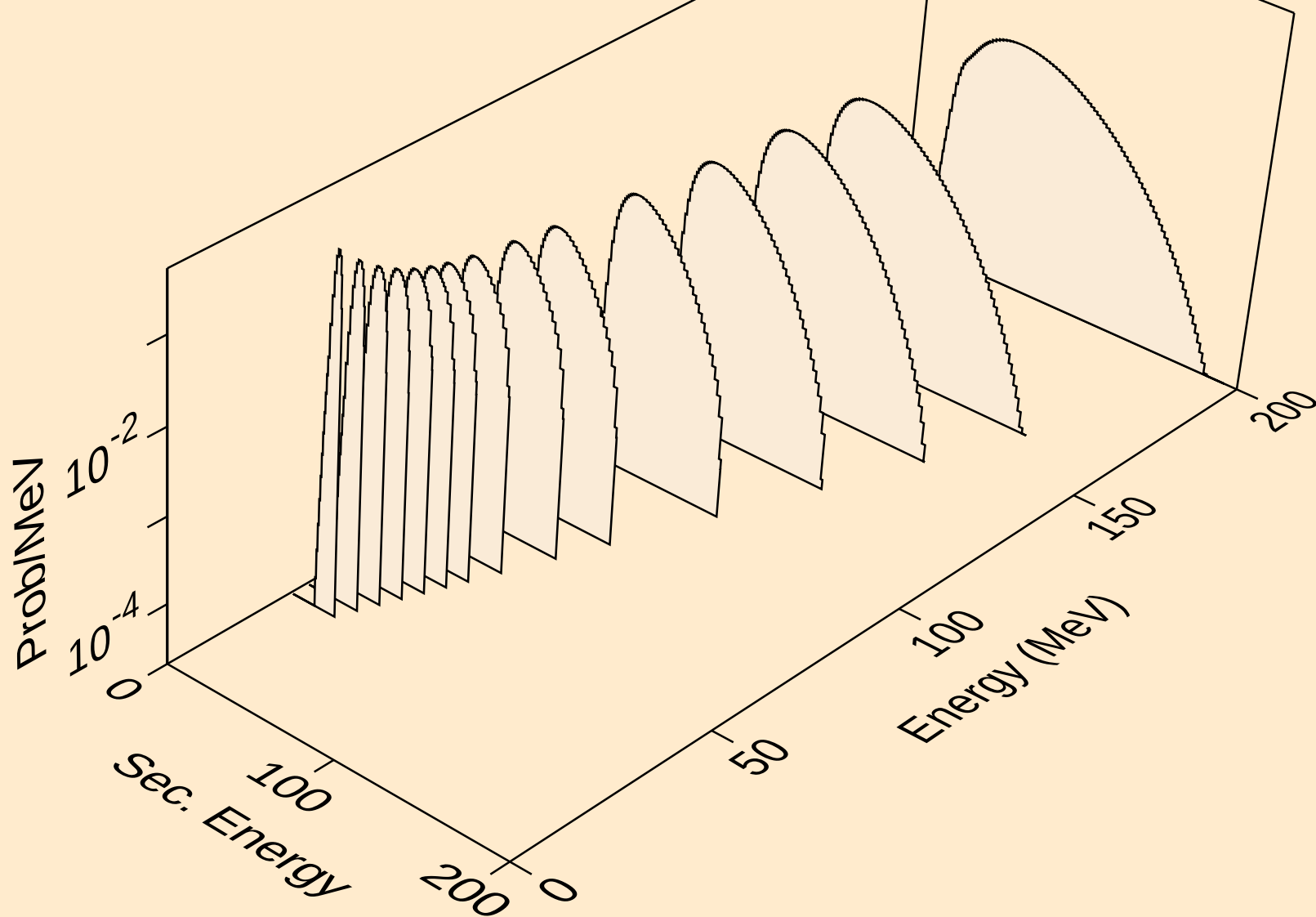
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



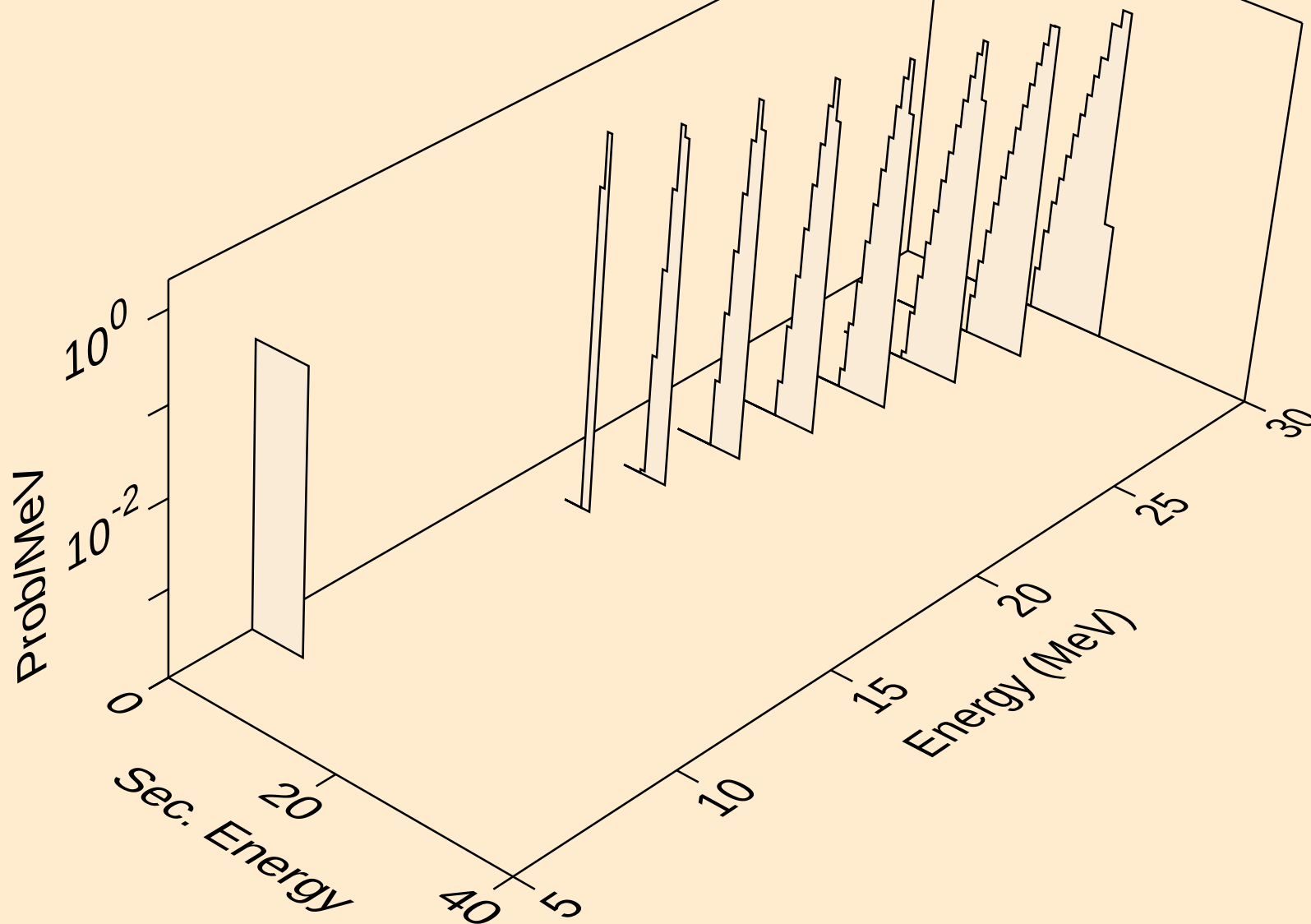
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tritons from (n,t)



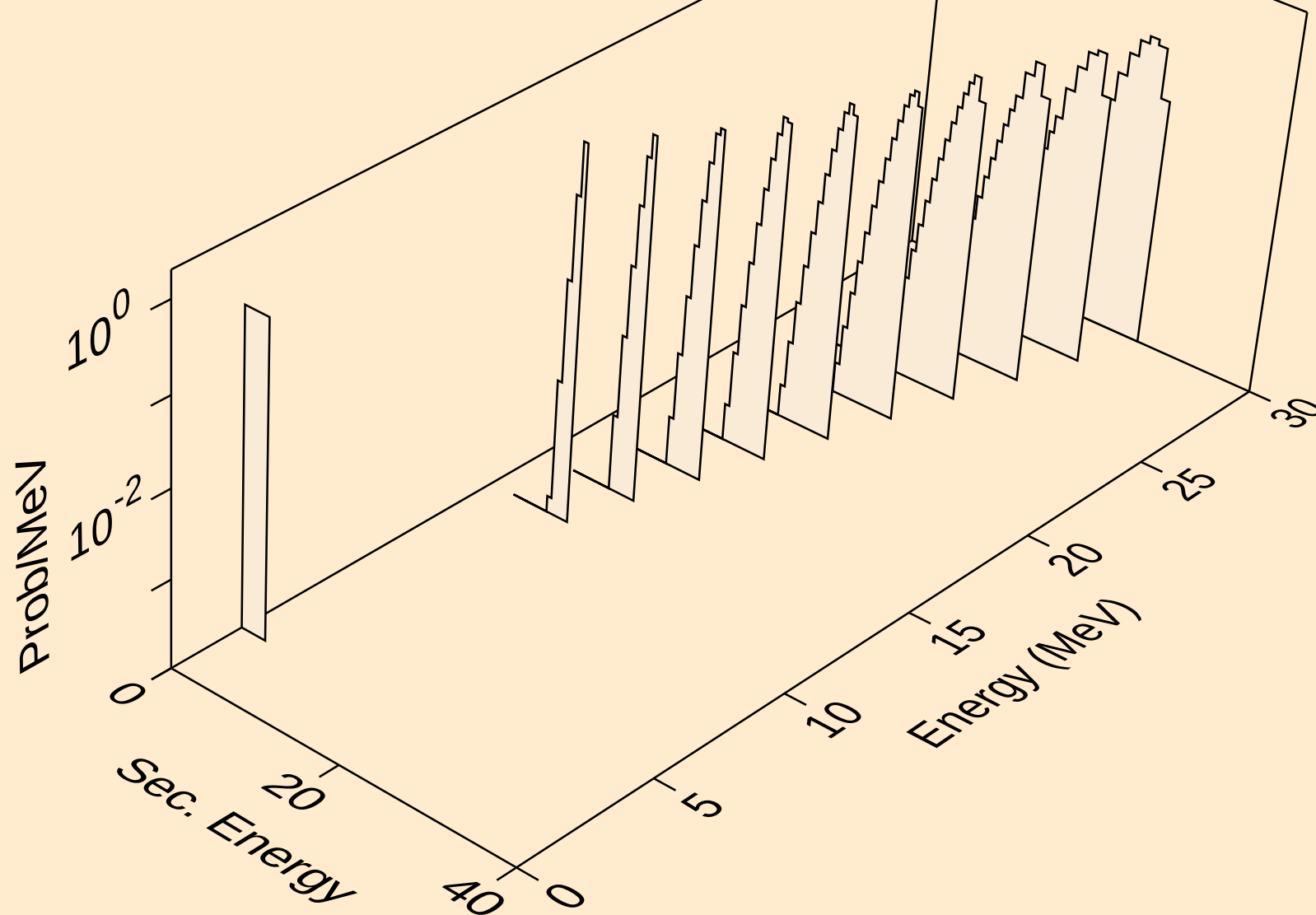
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



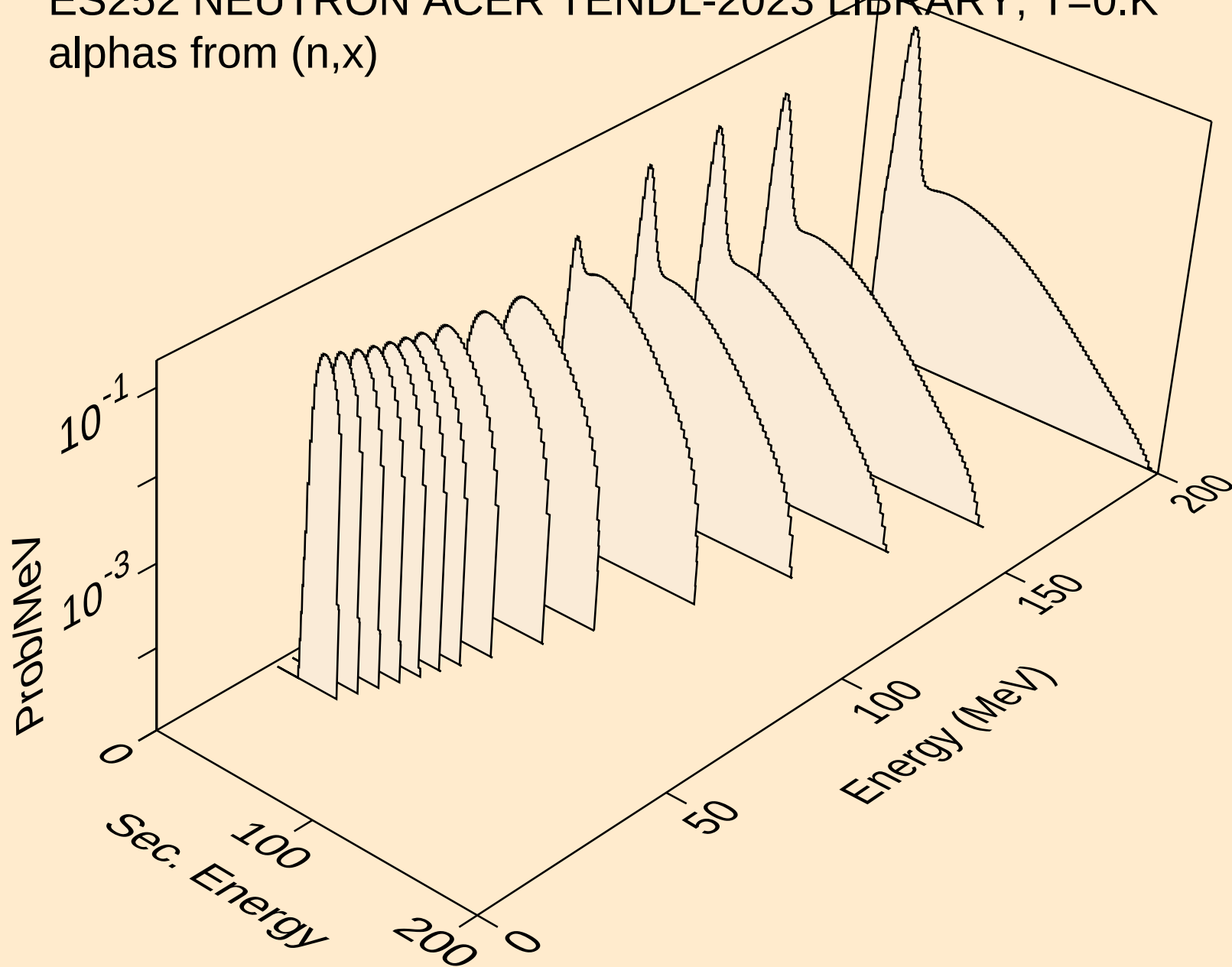
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



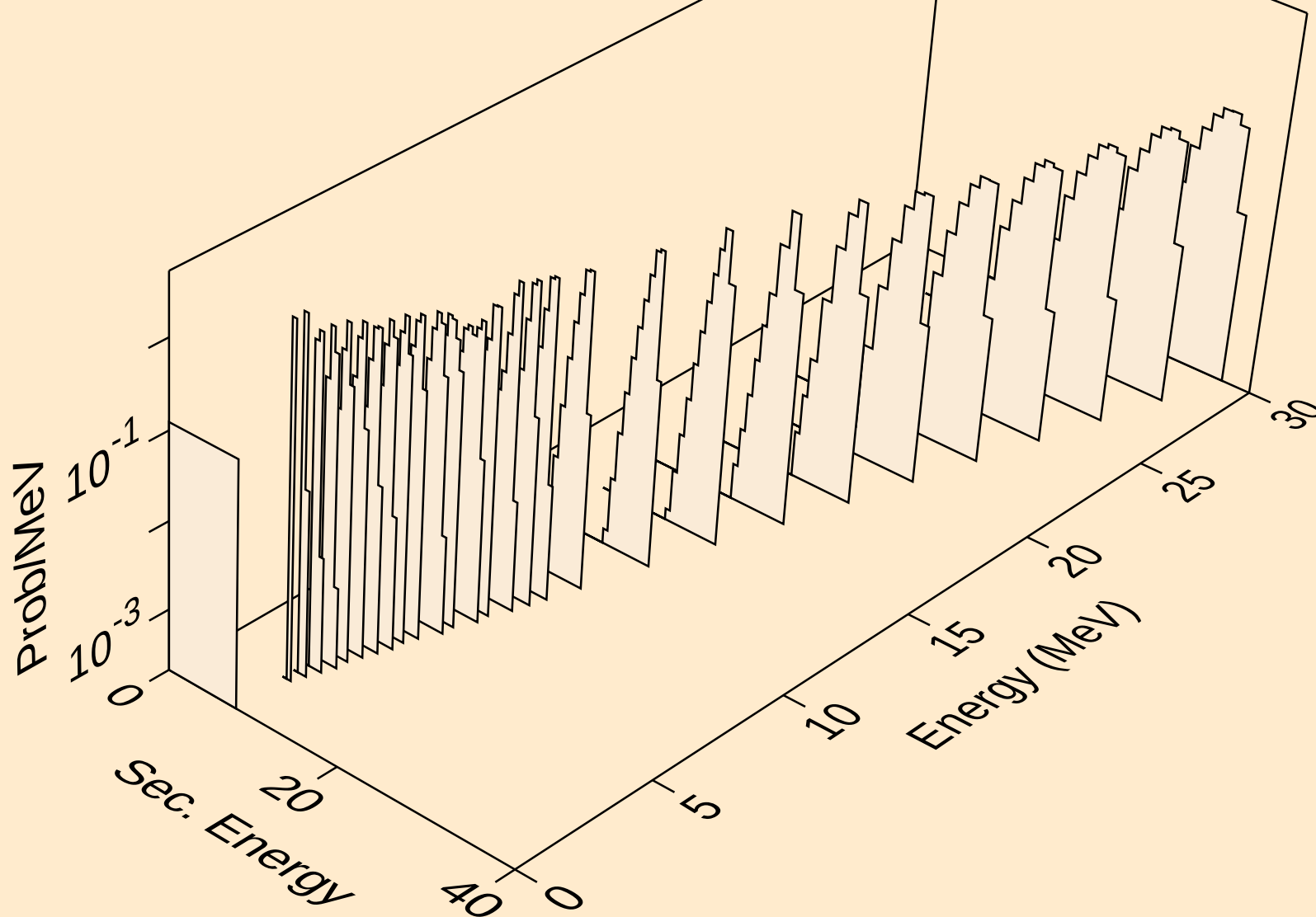
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



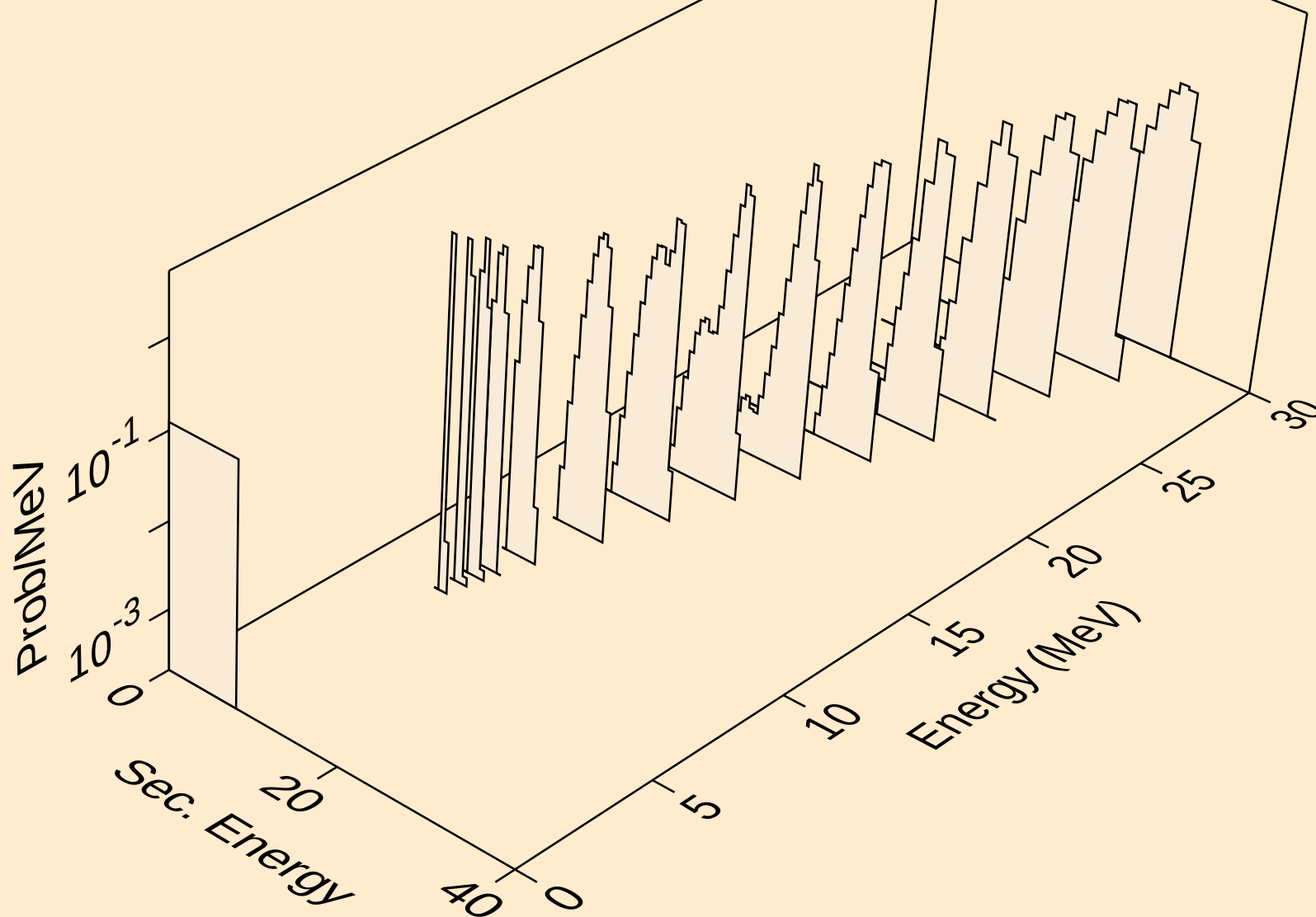
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



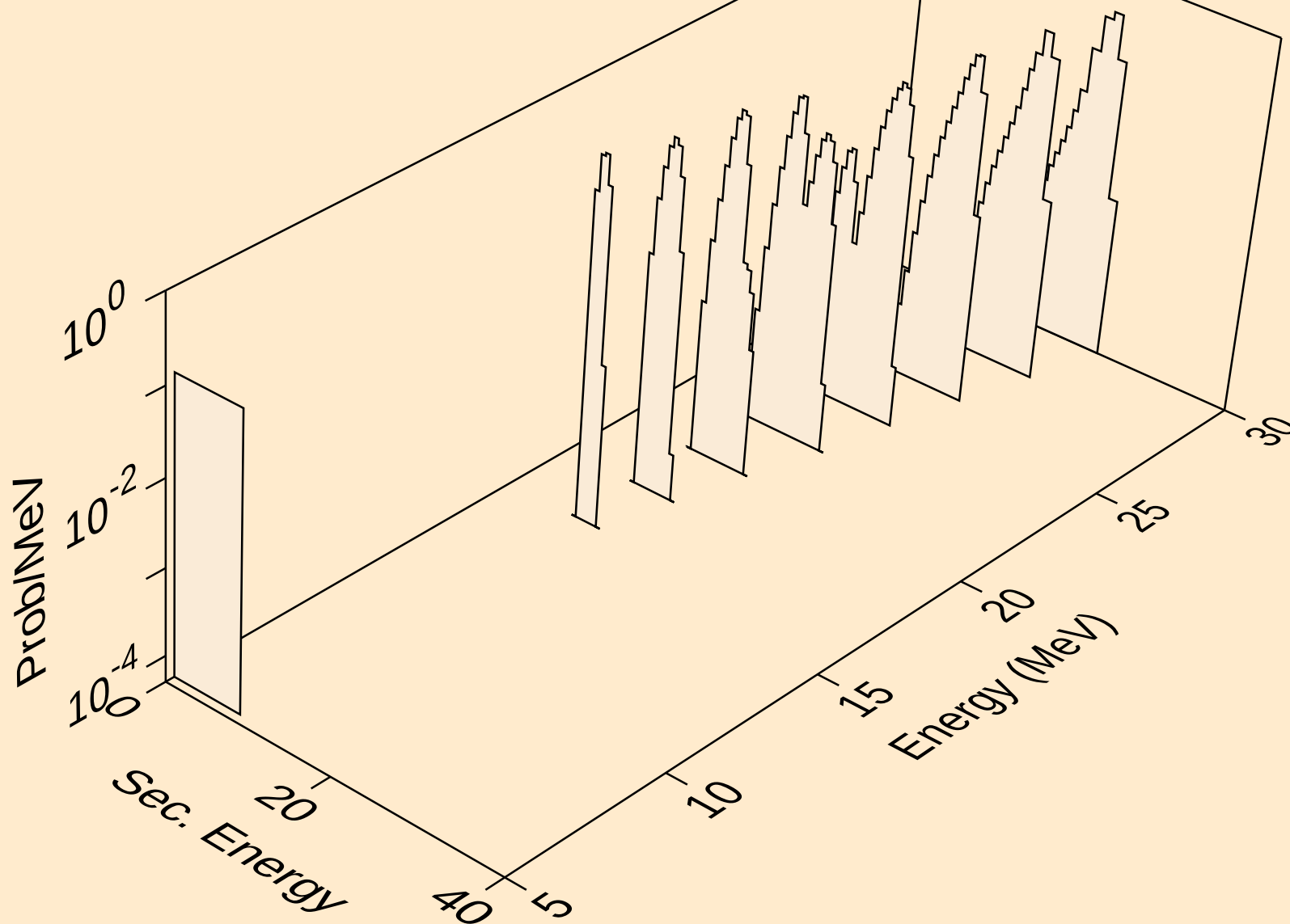
ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



ES252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

