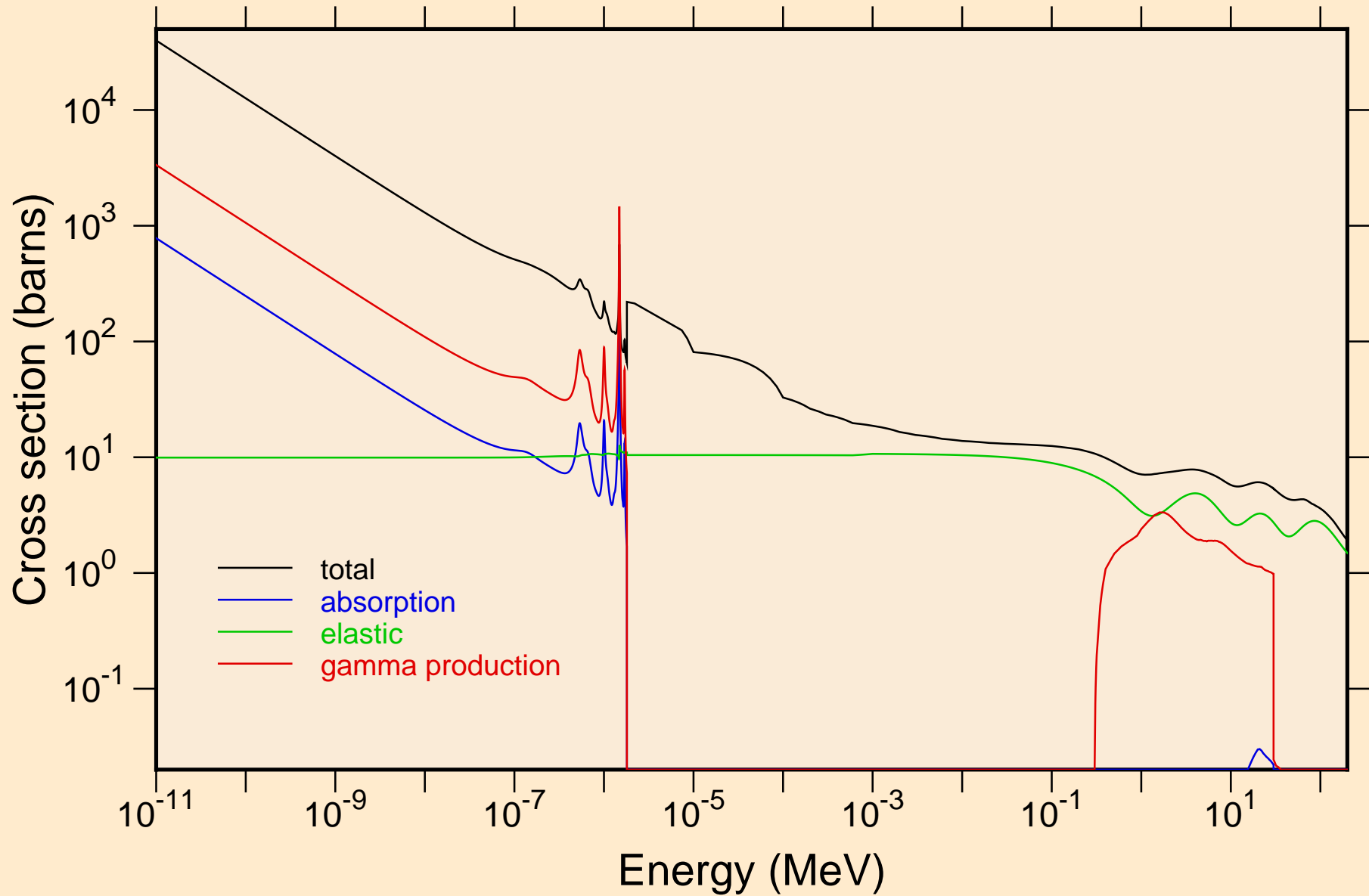


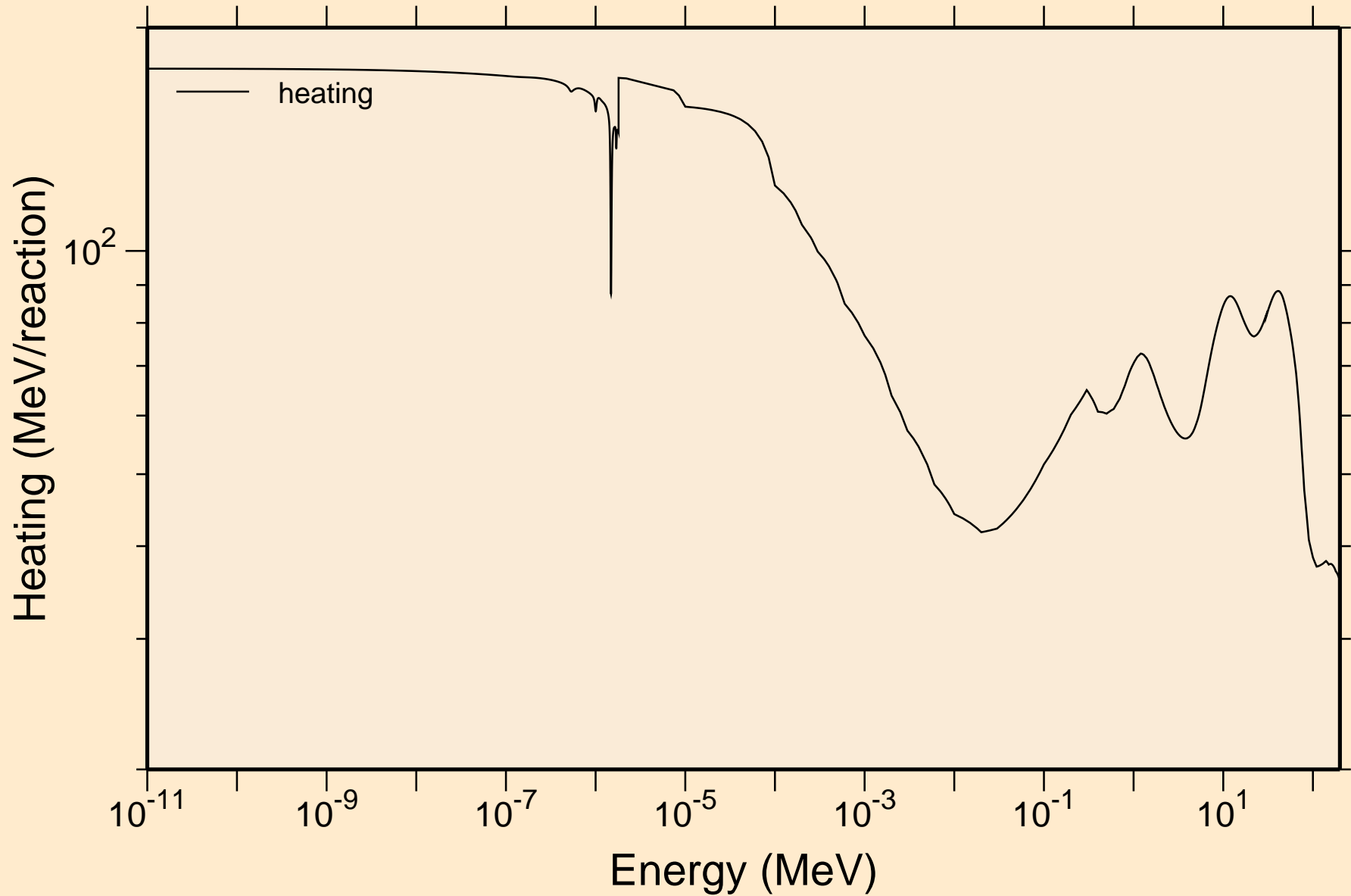
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

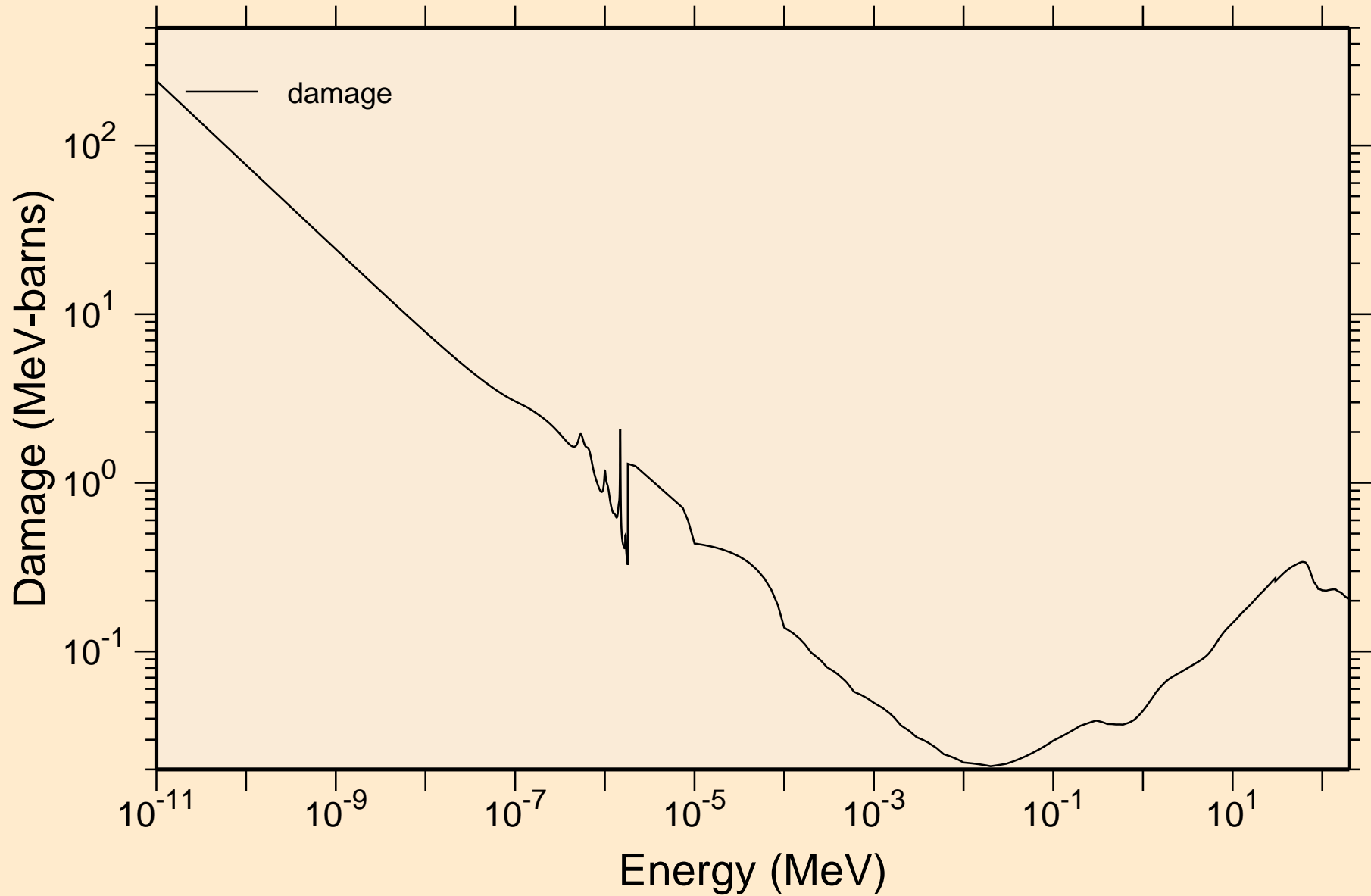


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

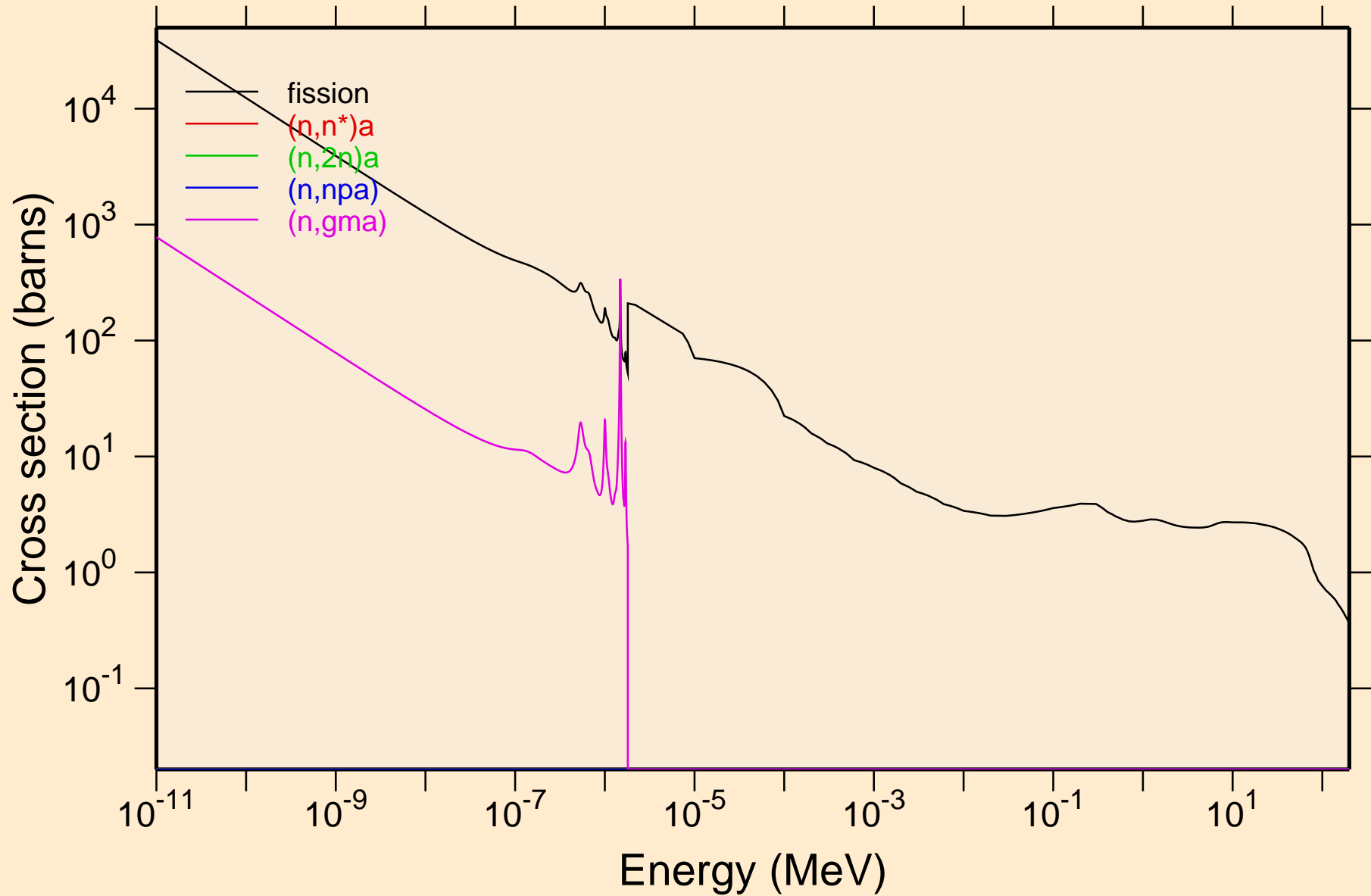
Heating



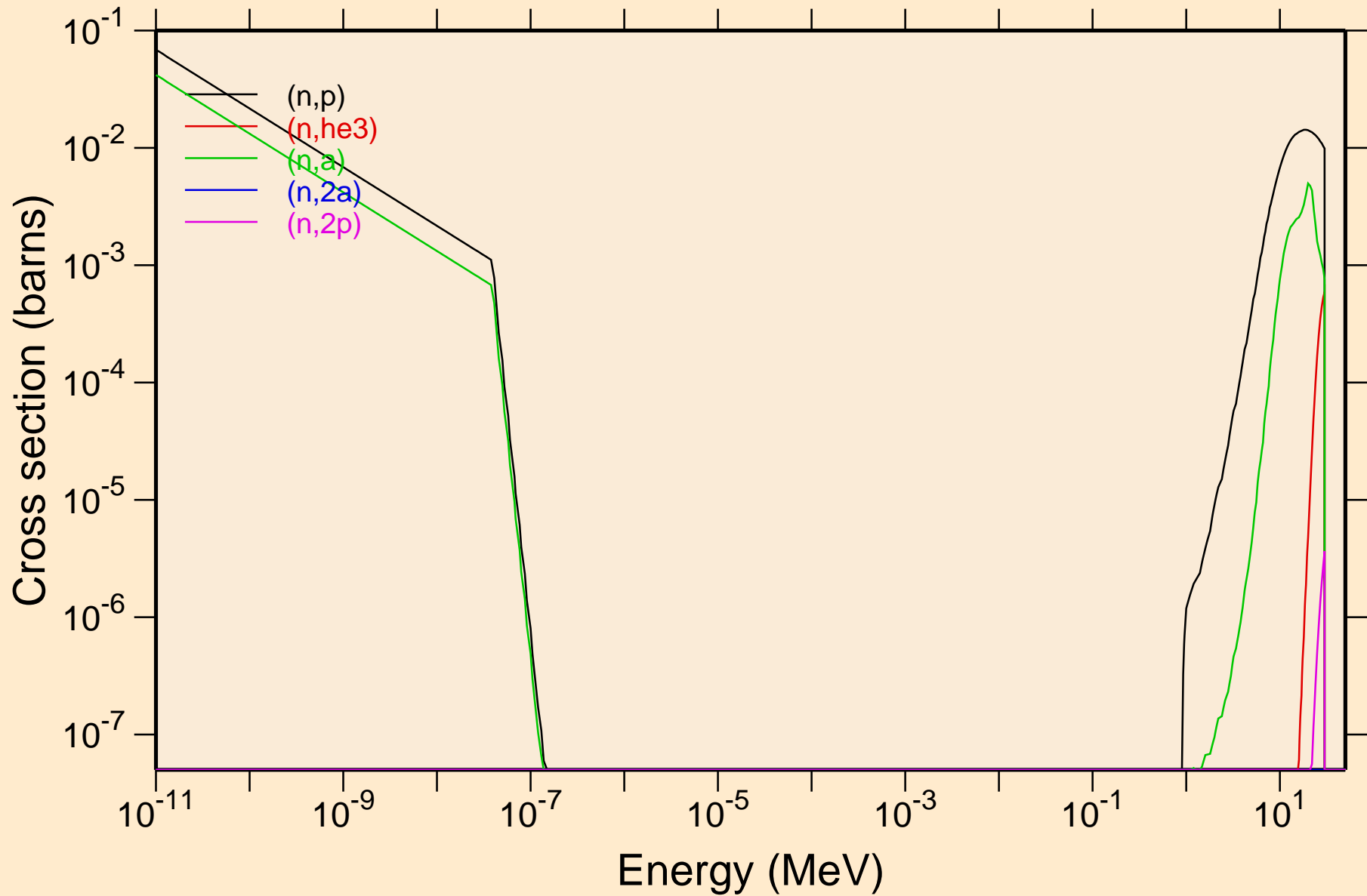
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



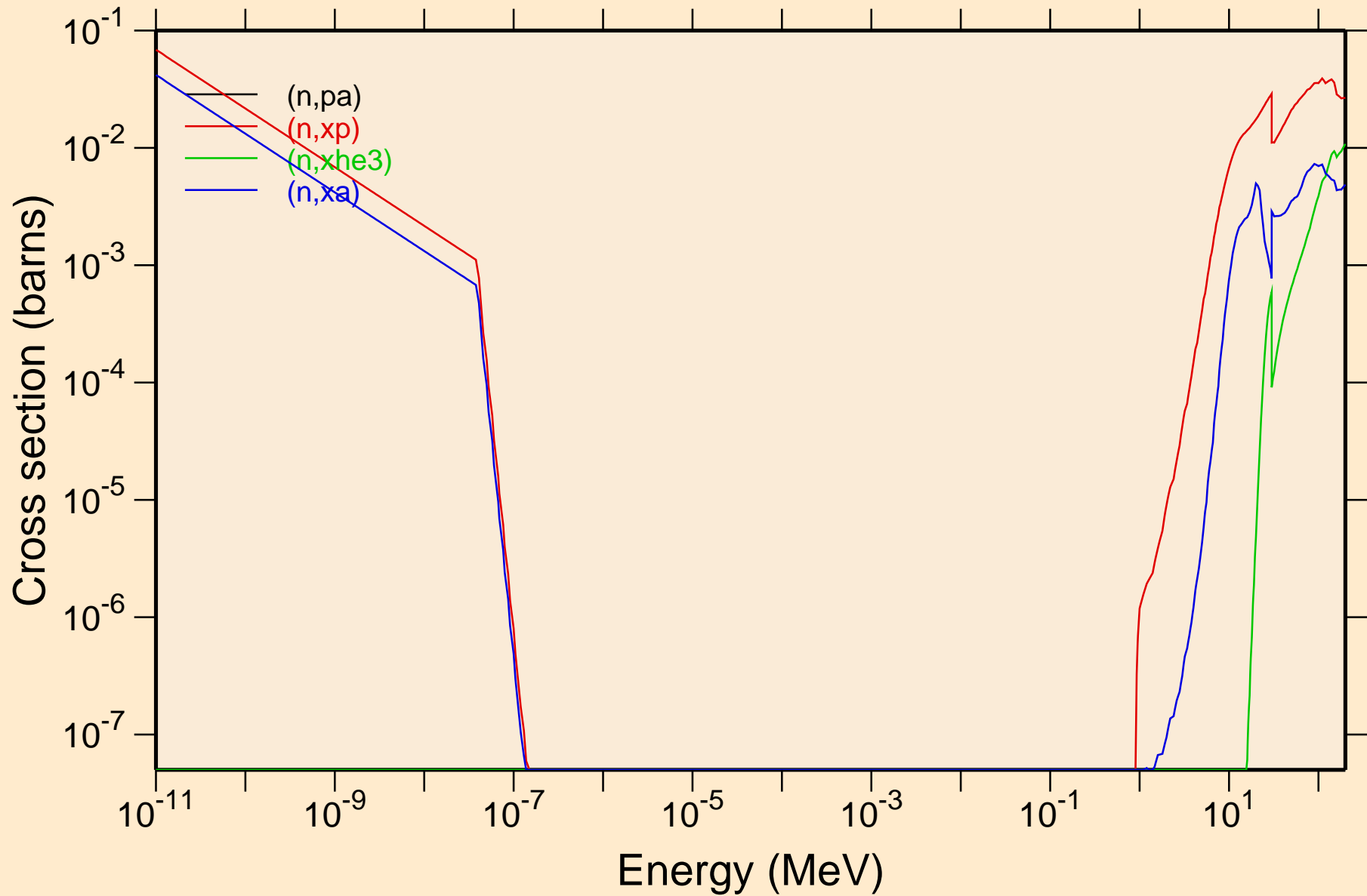
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

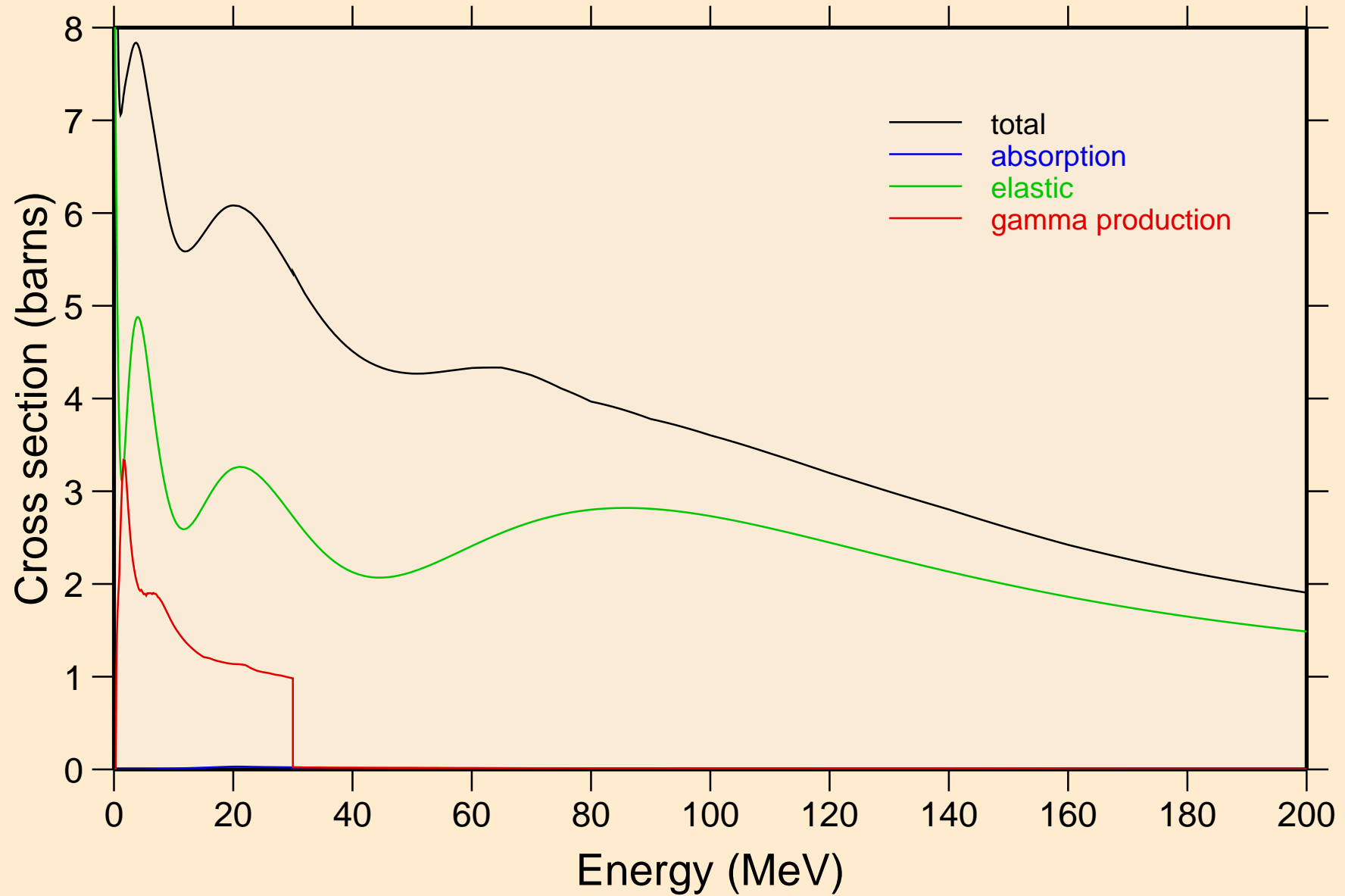


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



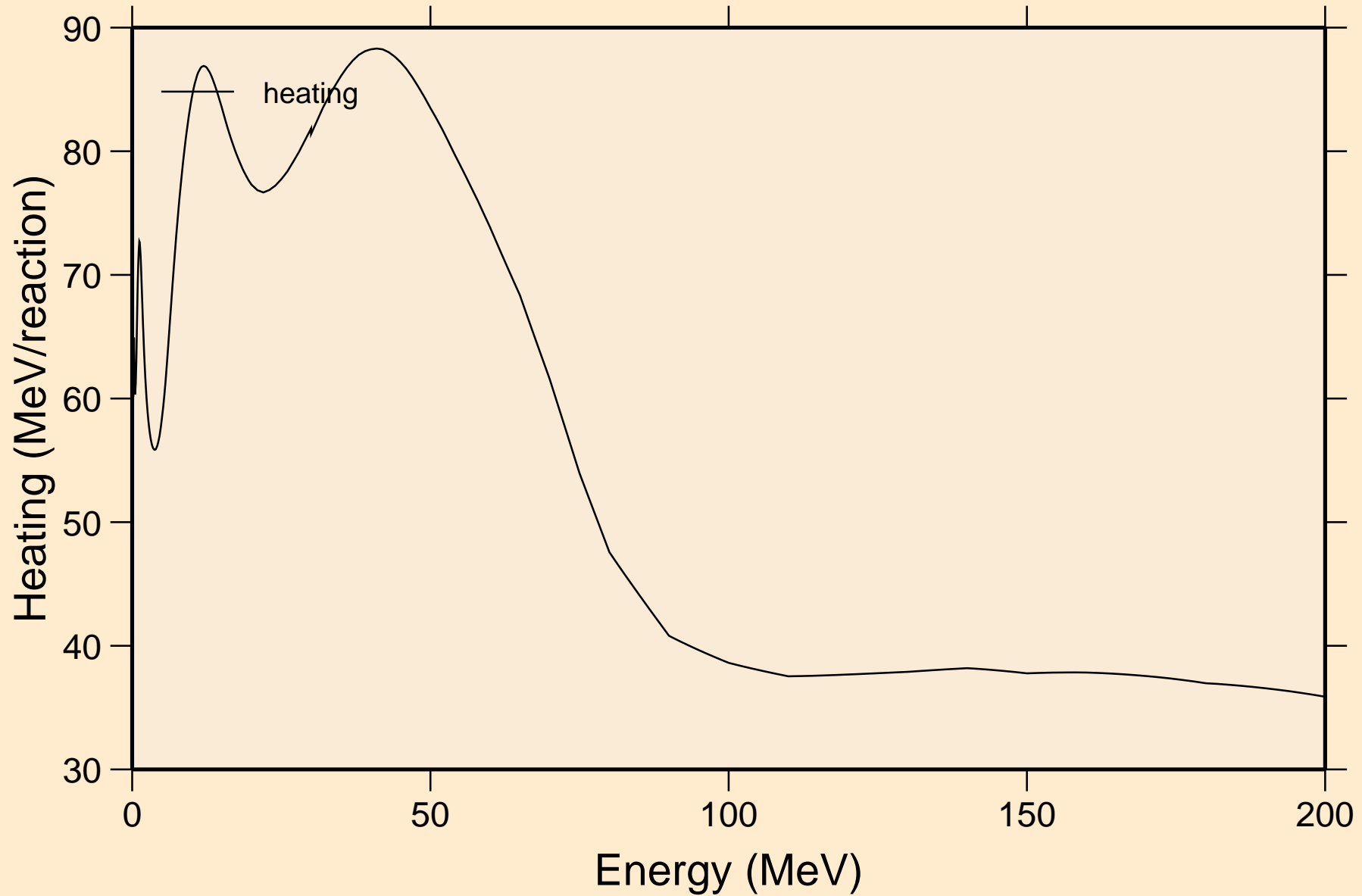
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Principal cross sections

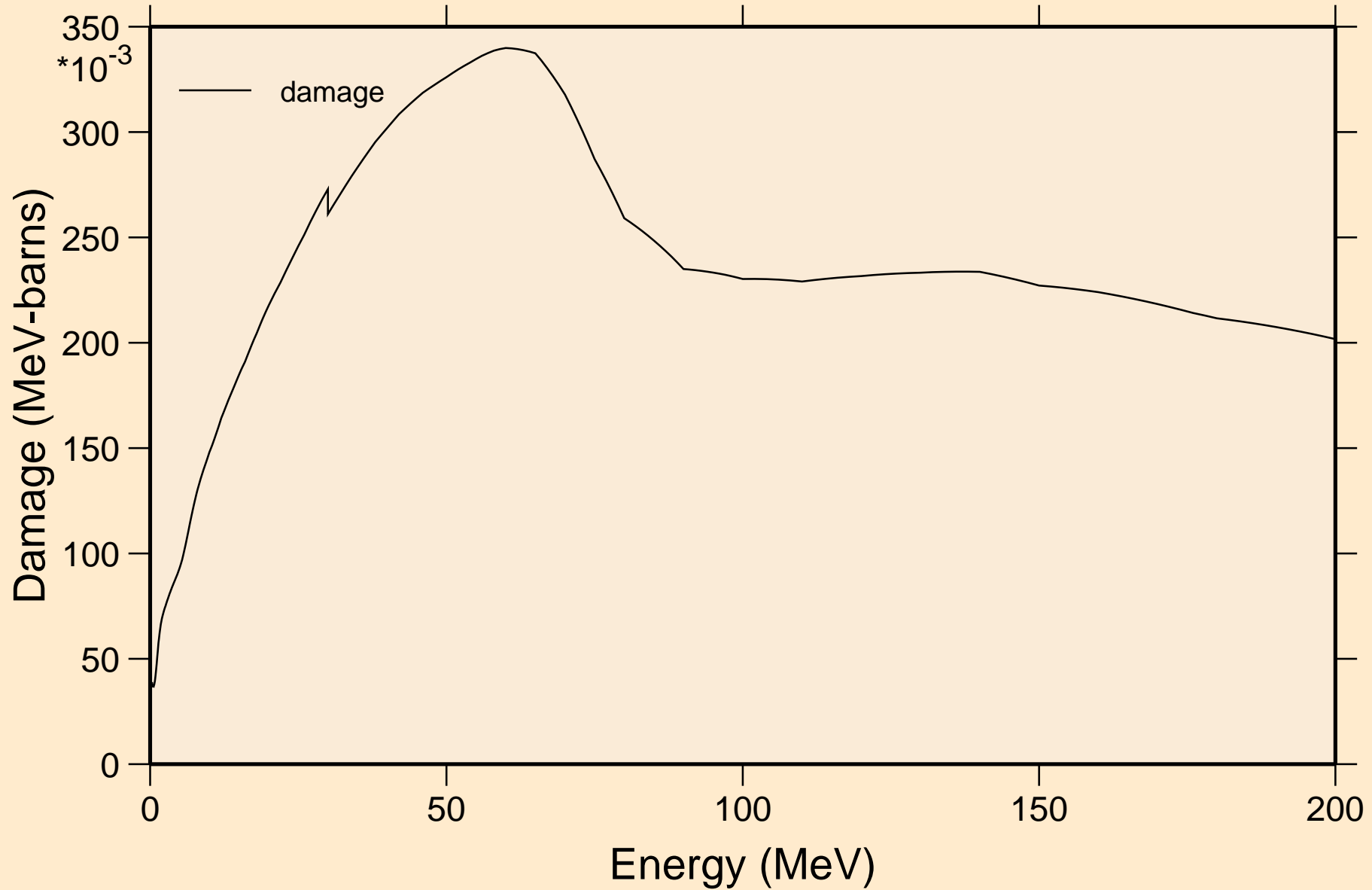


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

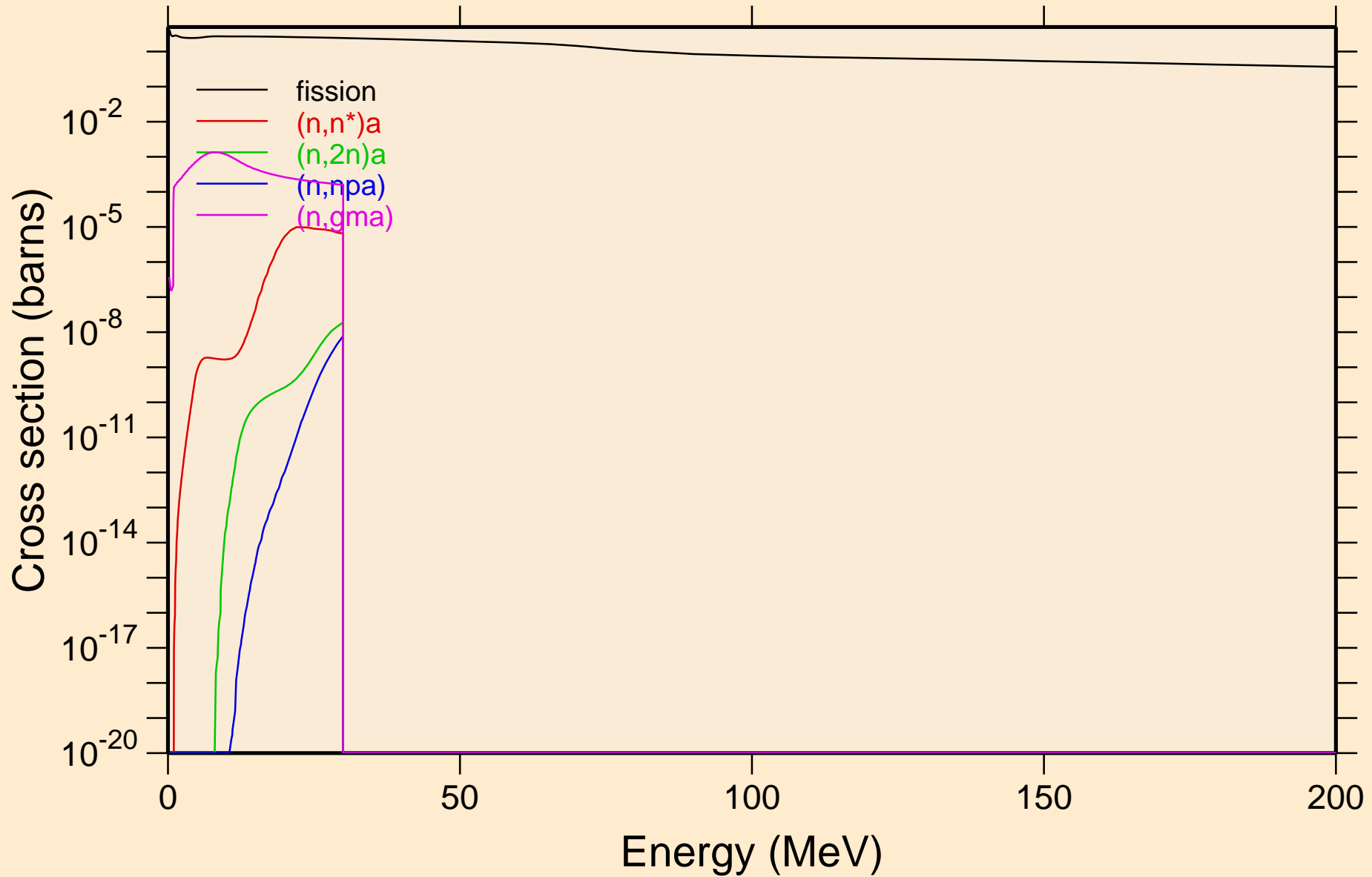


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

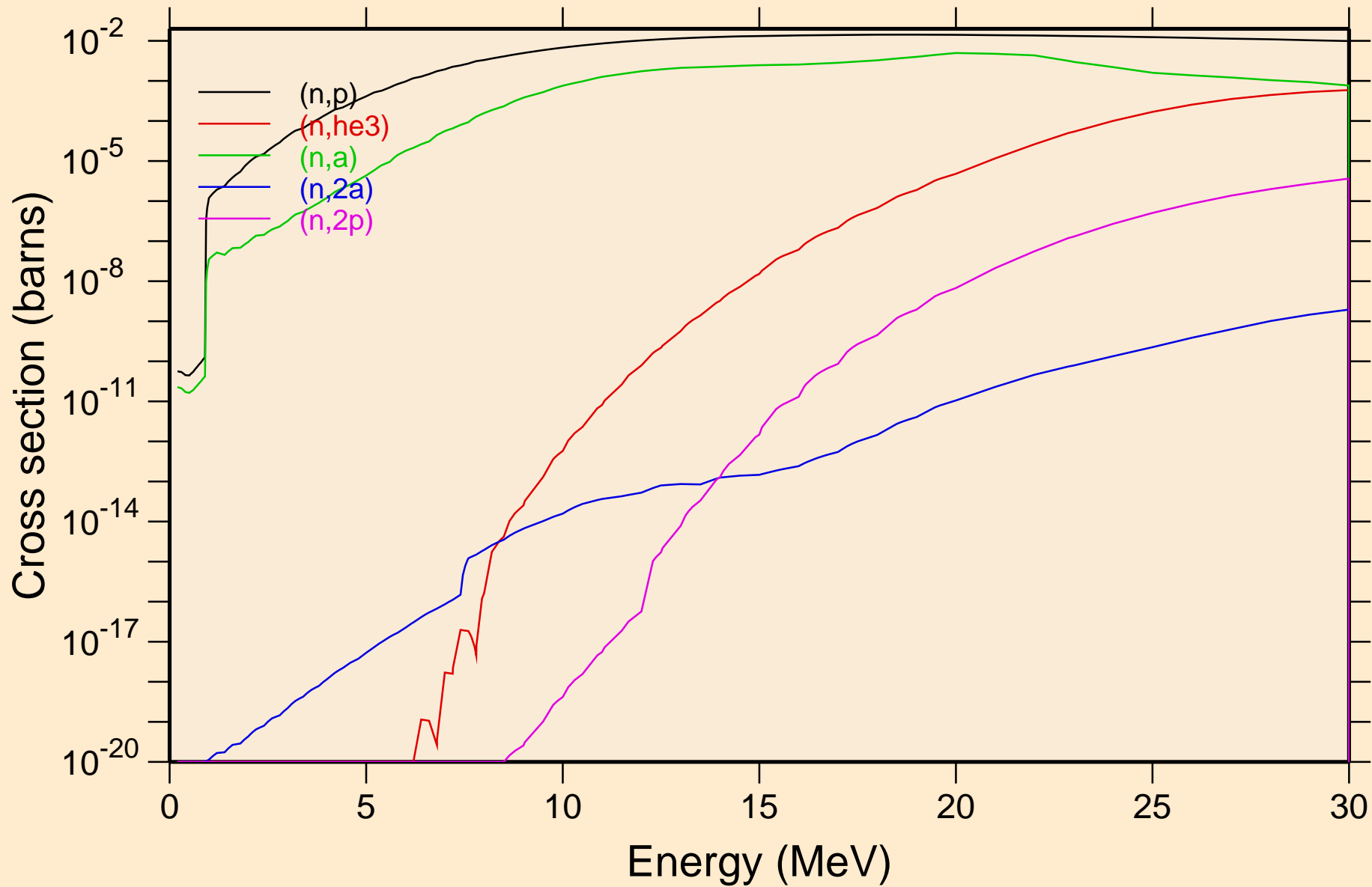


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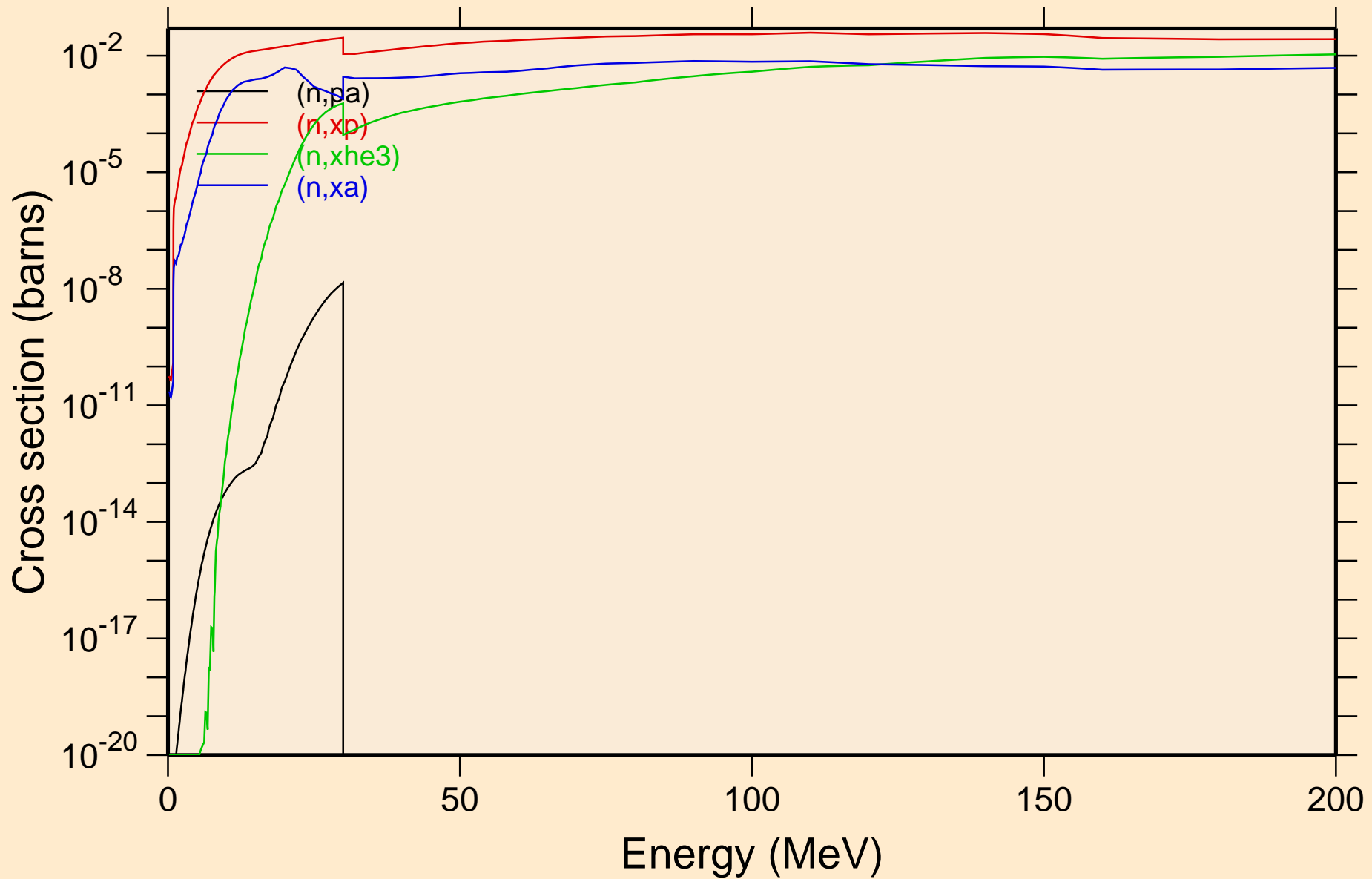
Non-threshold reactions



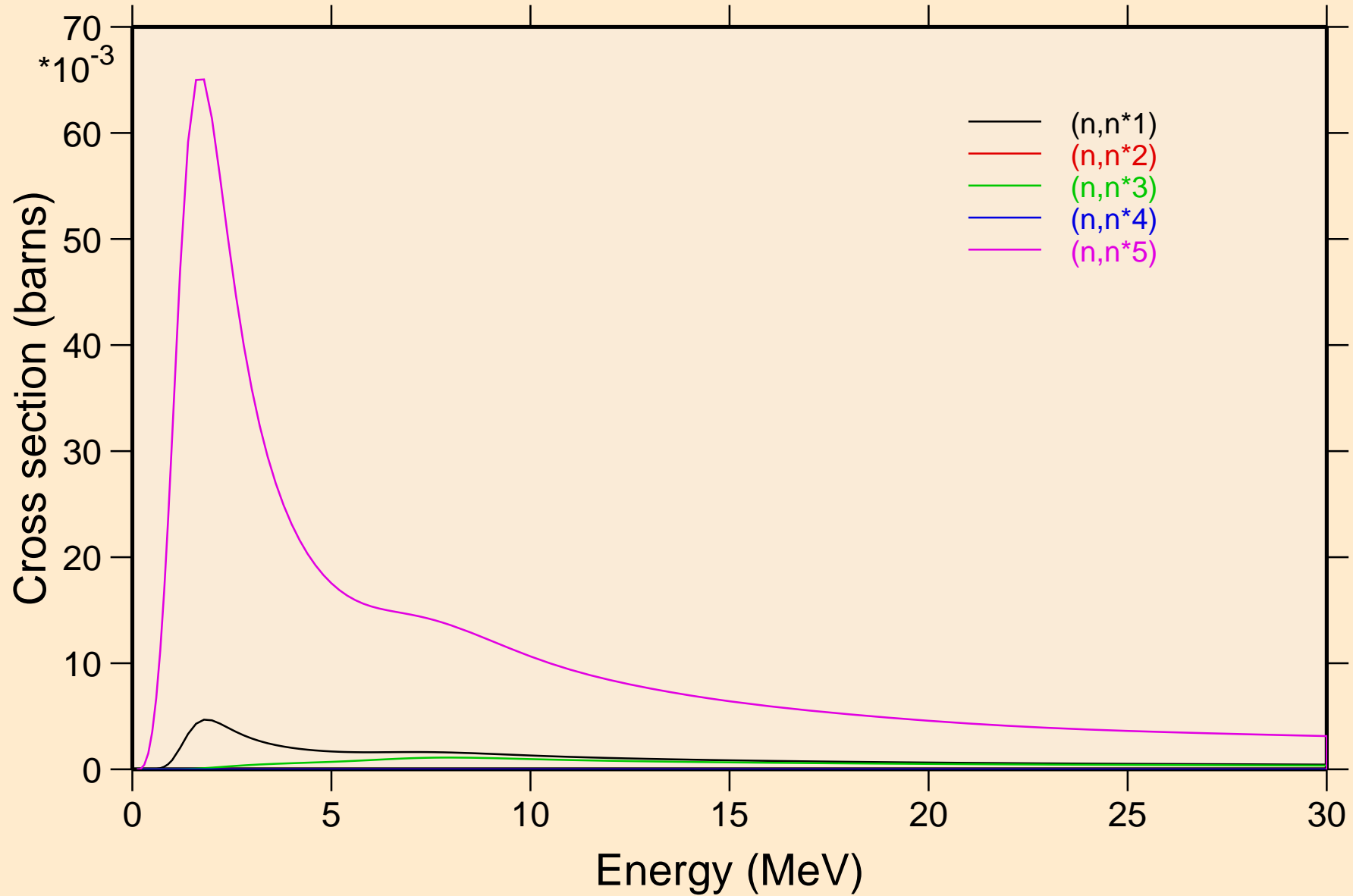
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



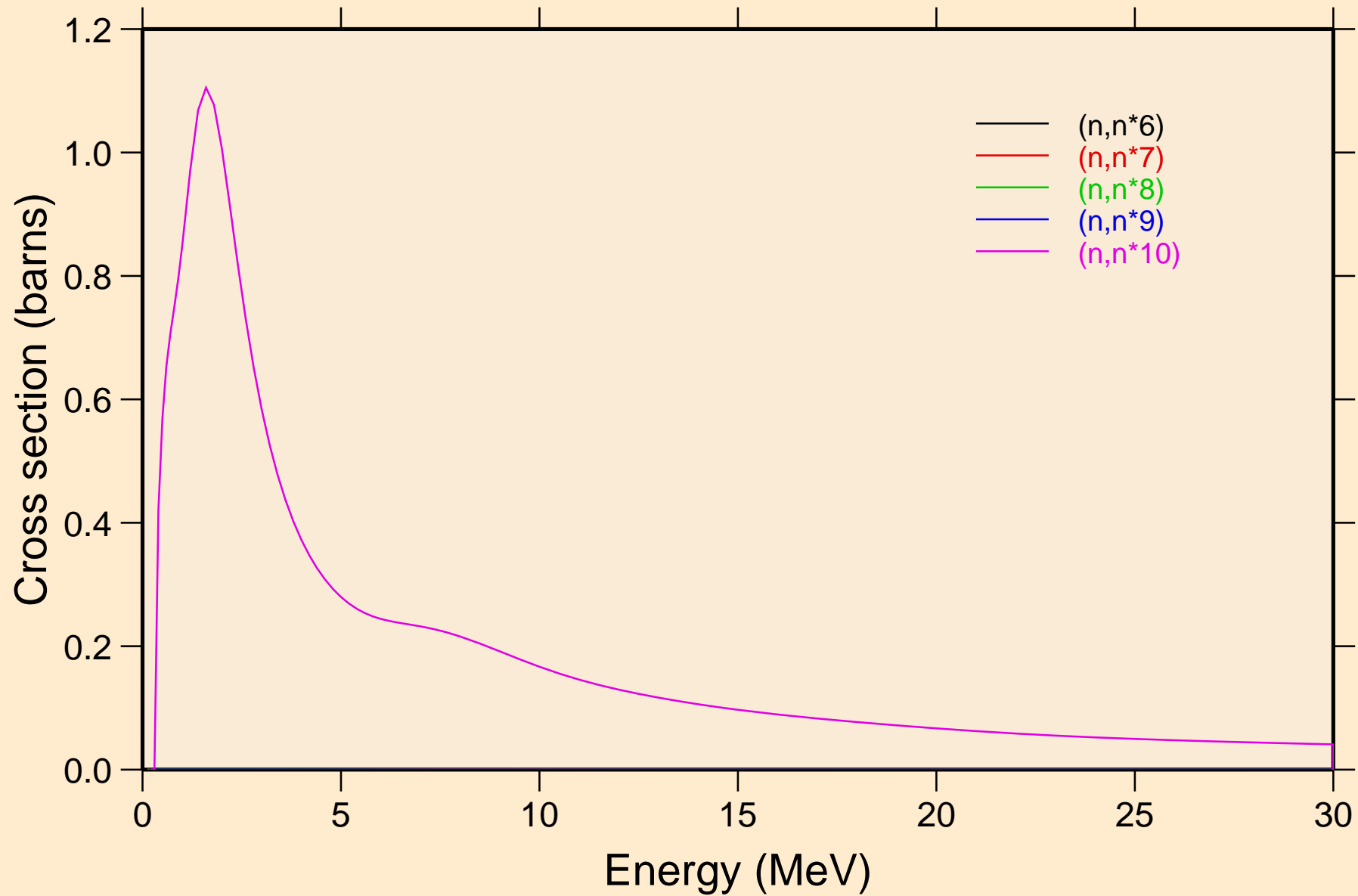
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



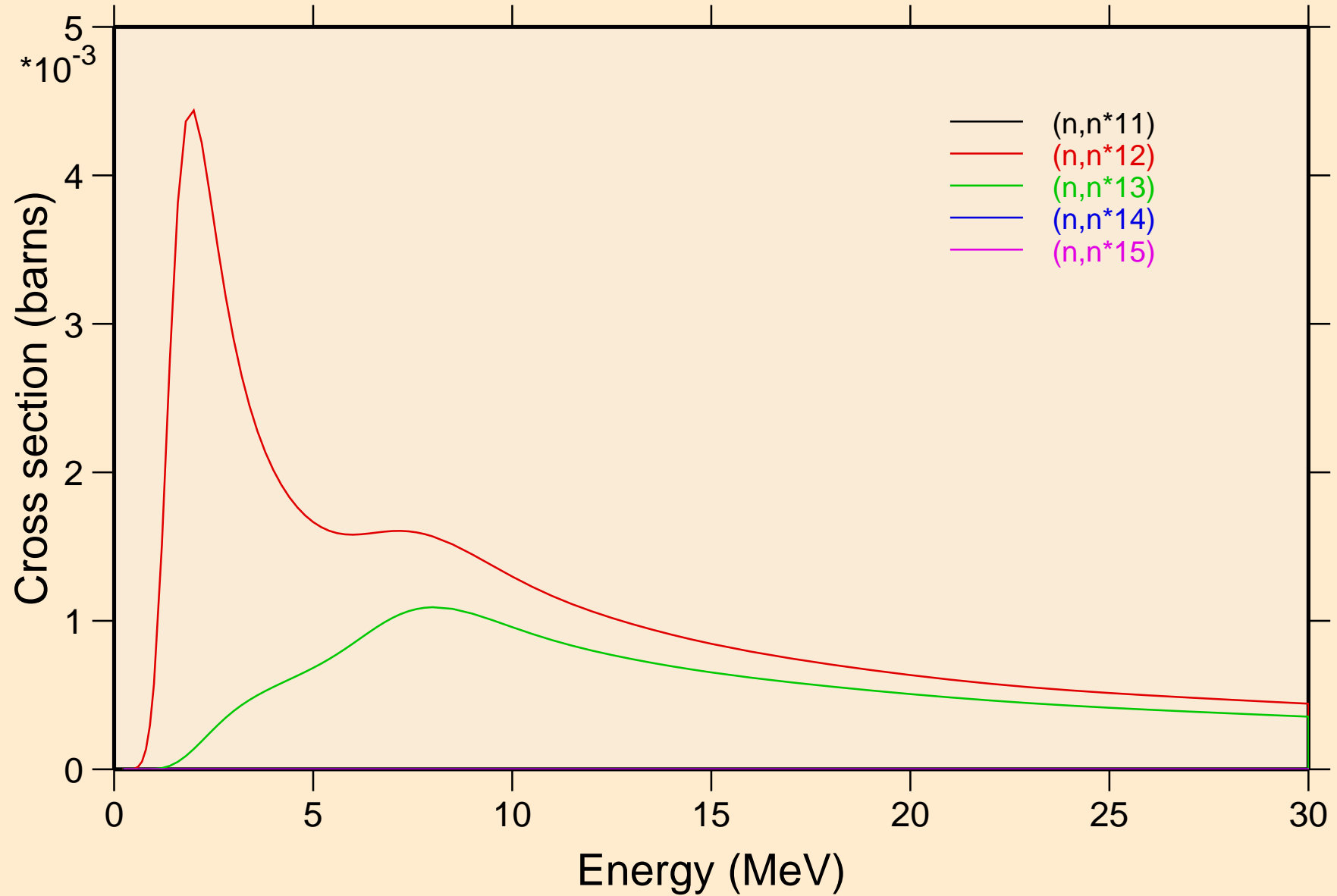
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



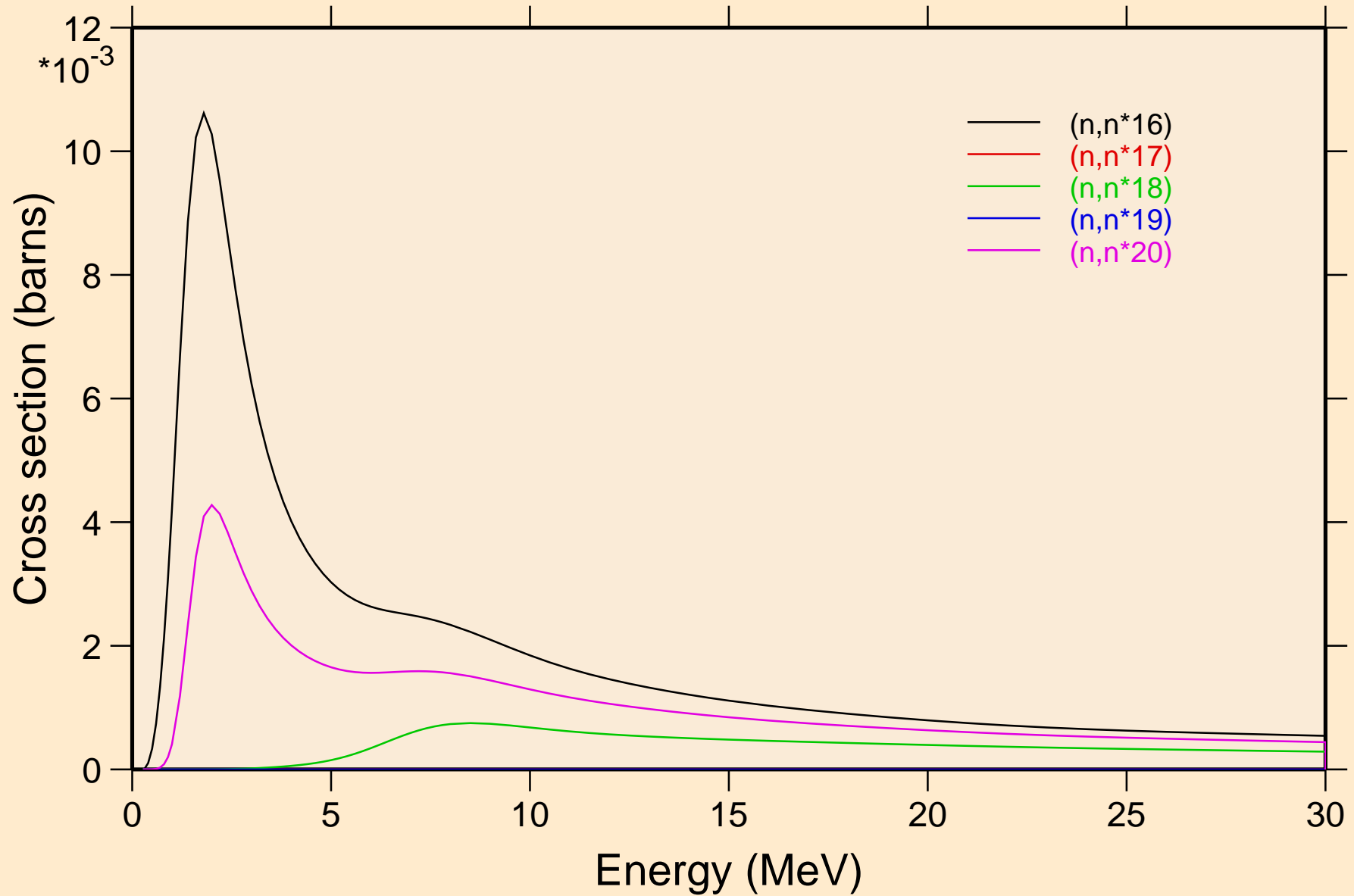
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



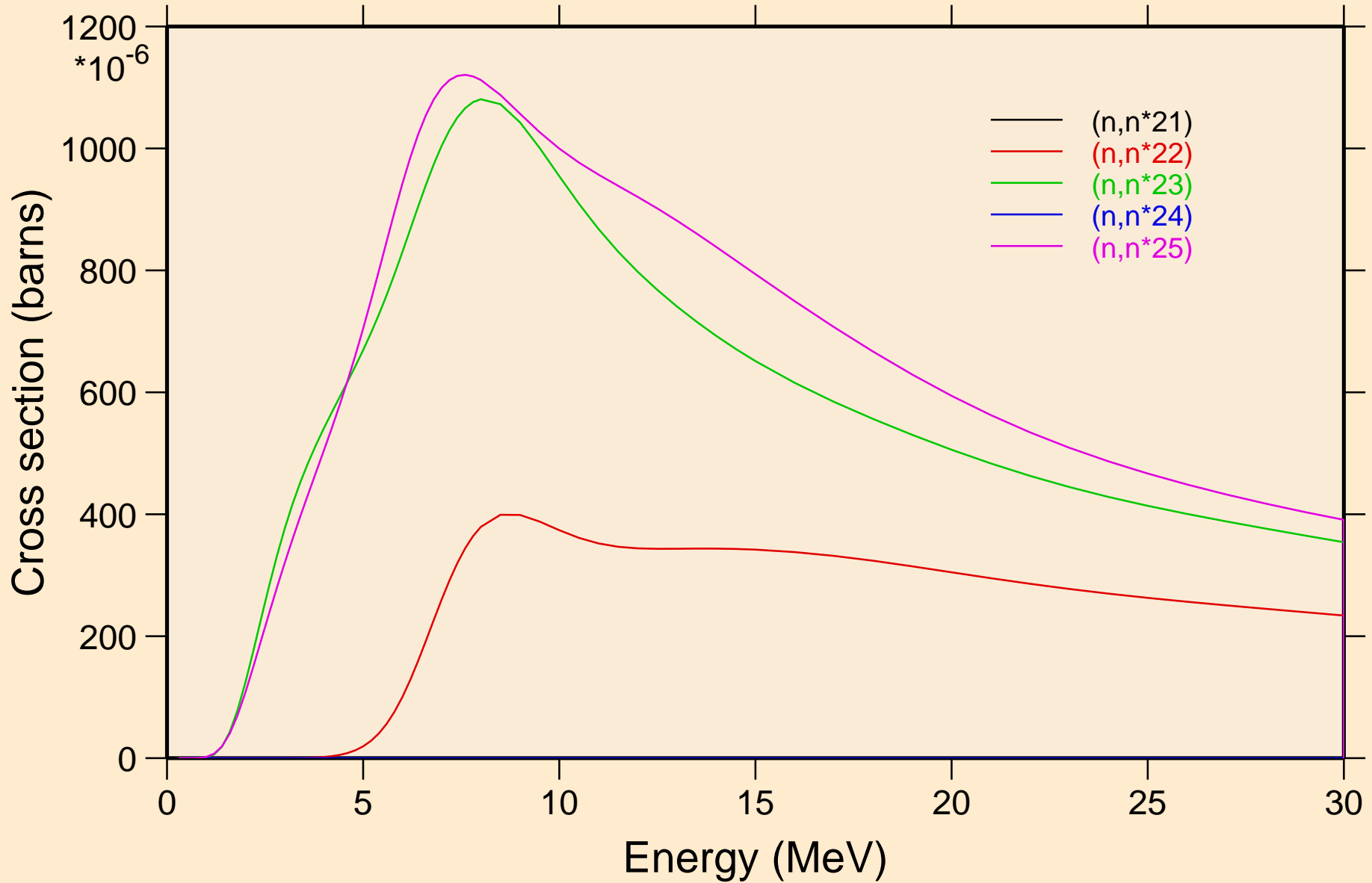
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



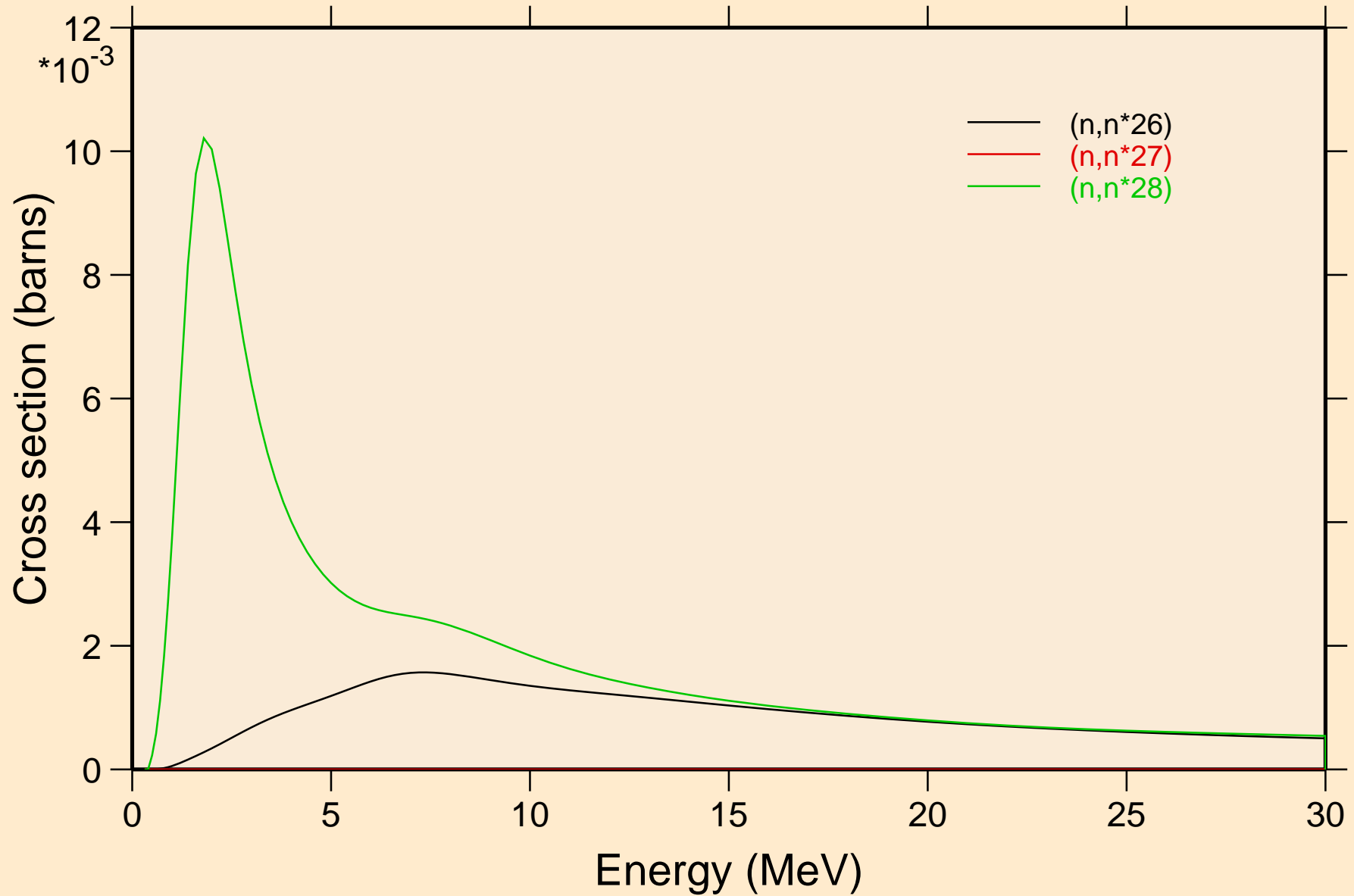
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

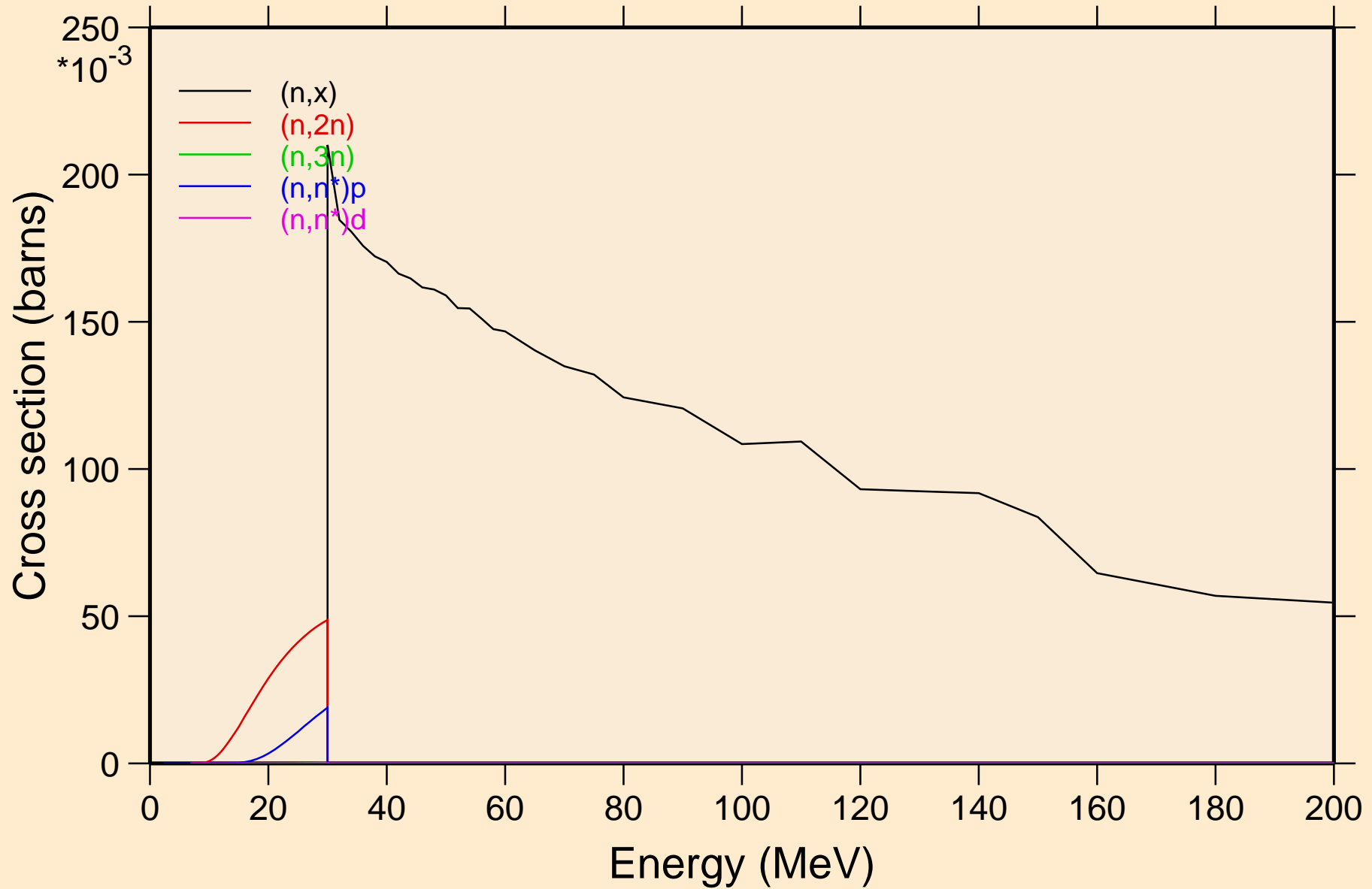


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

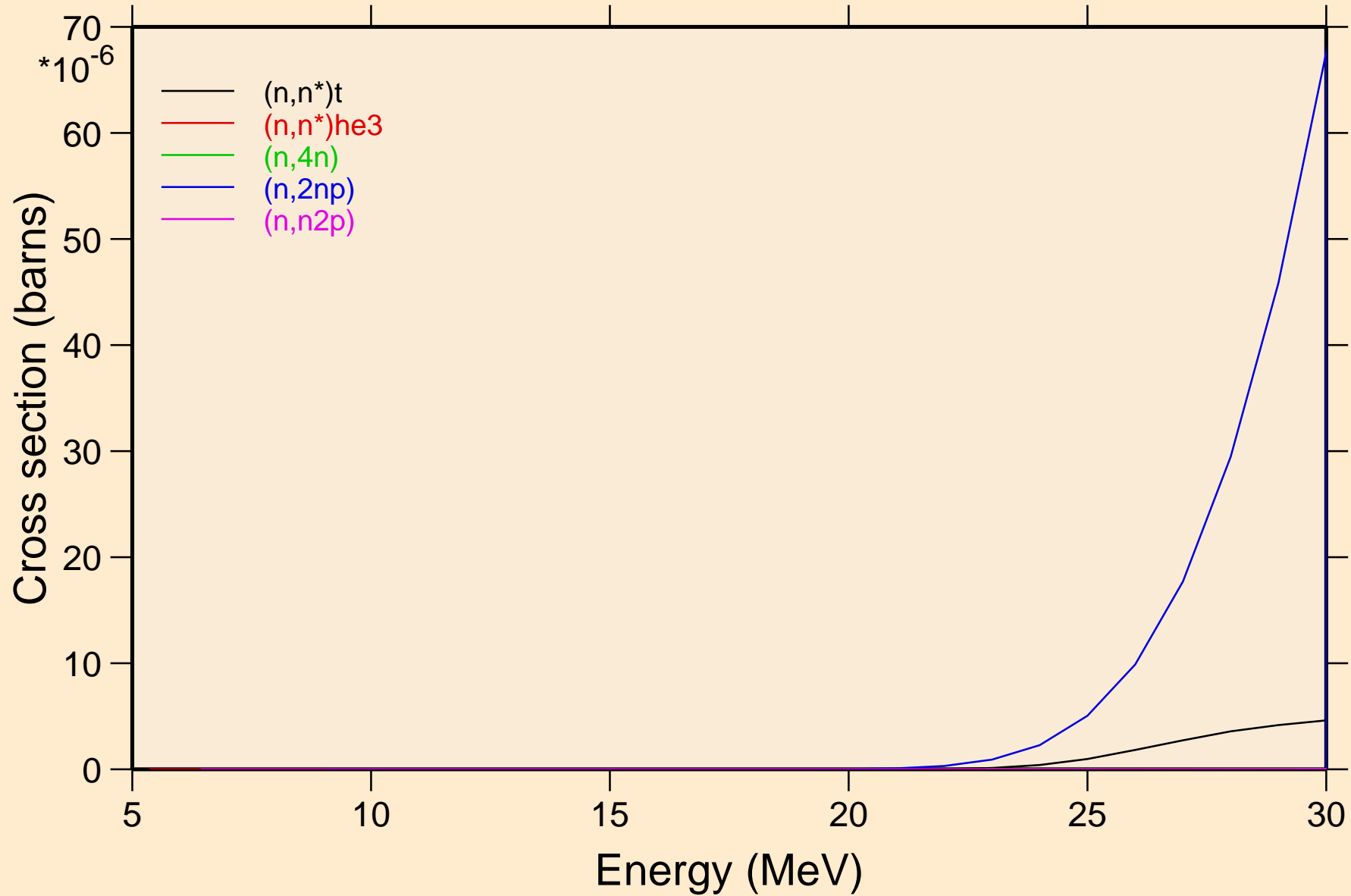


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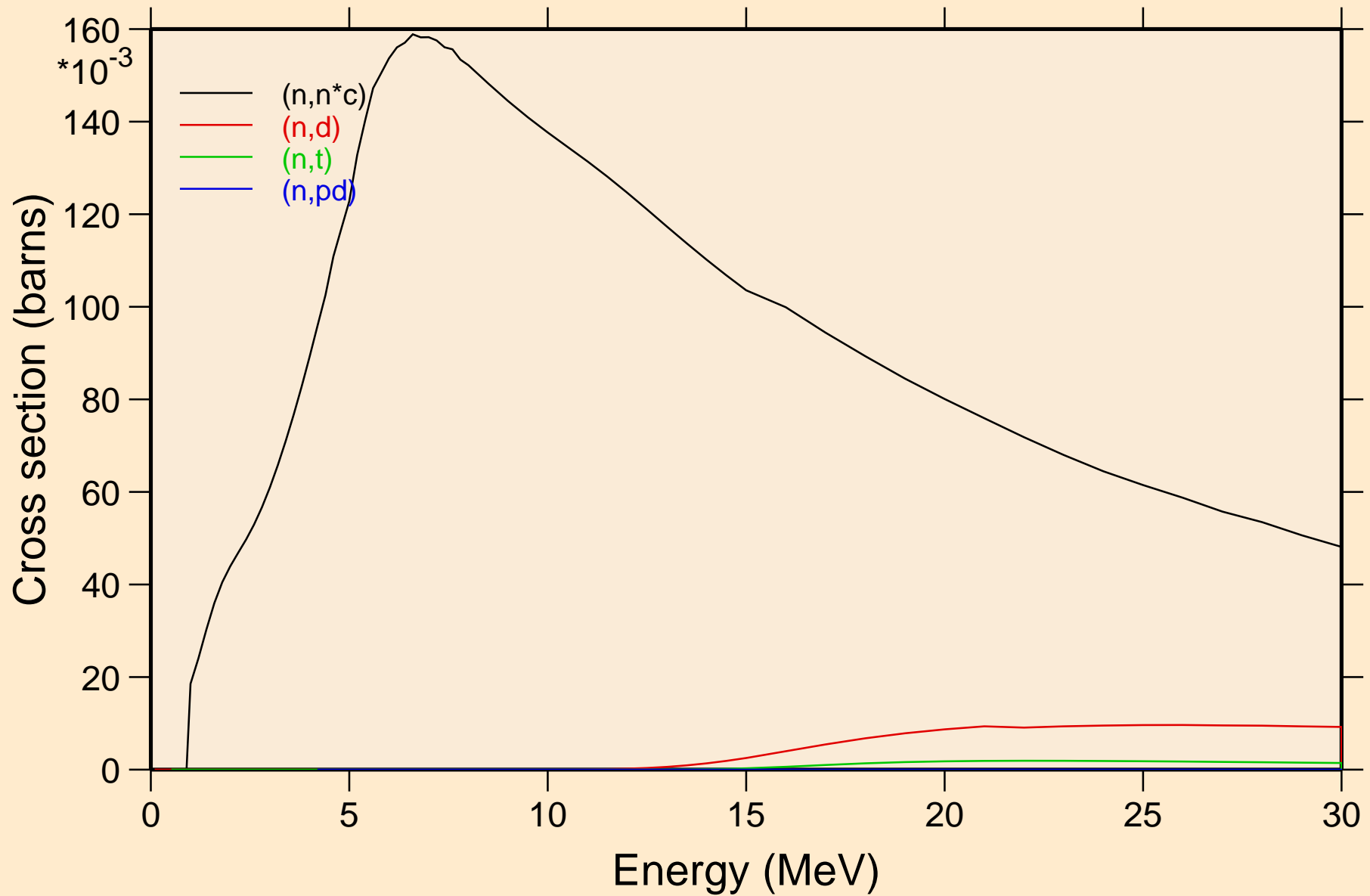
Threshold reactions



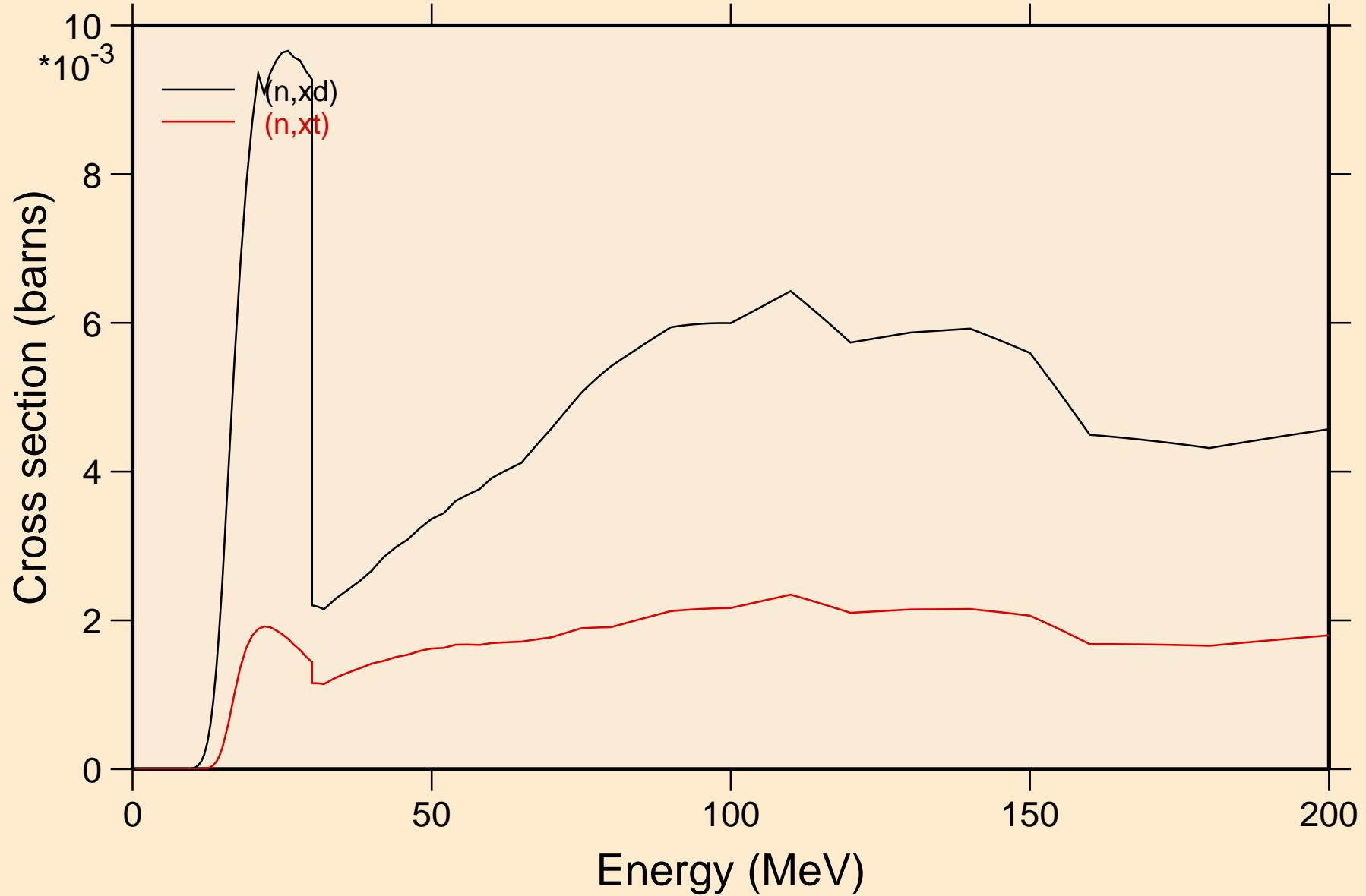
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



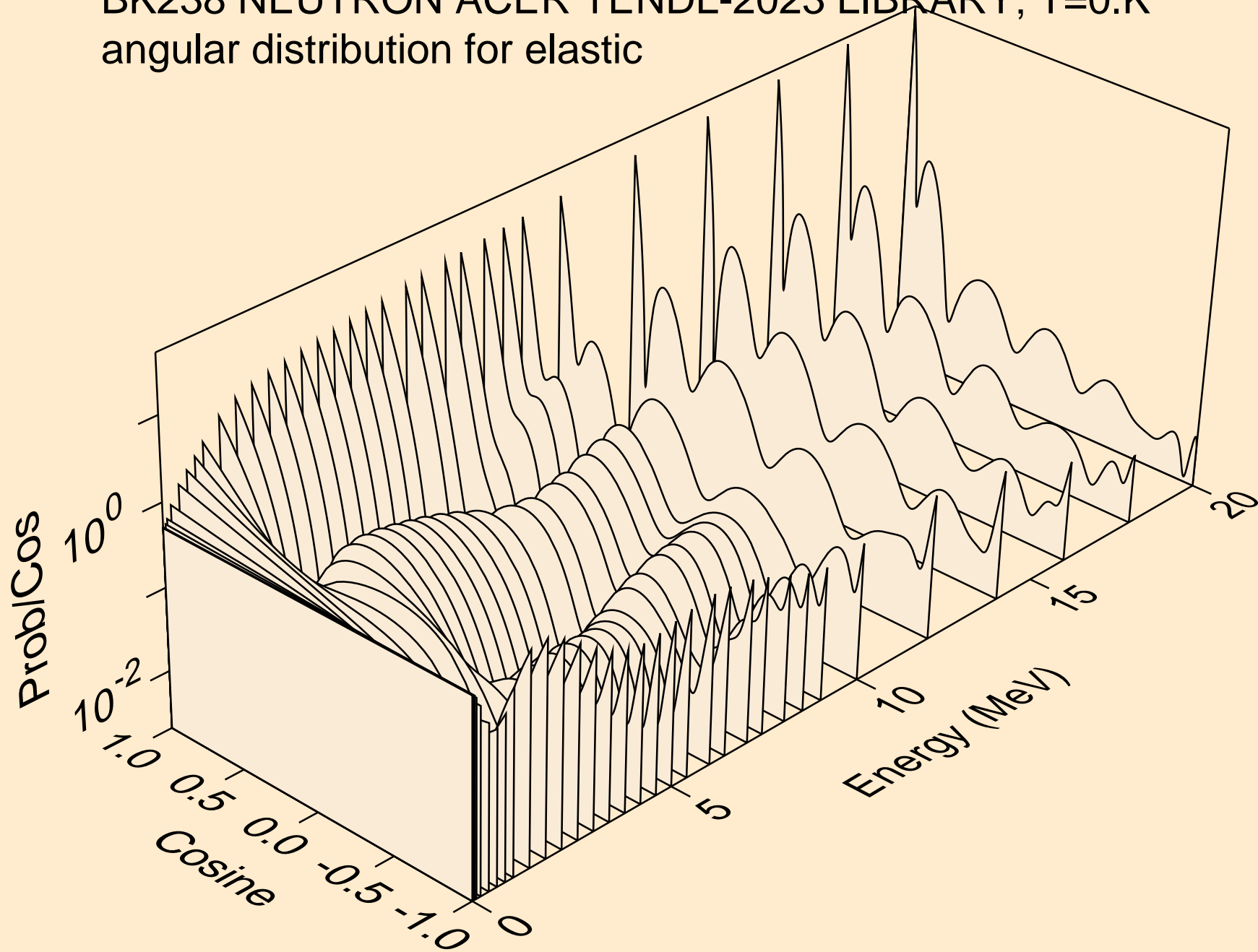
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



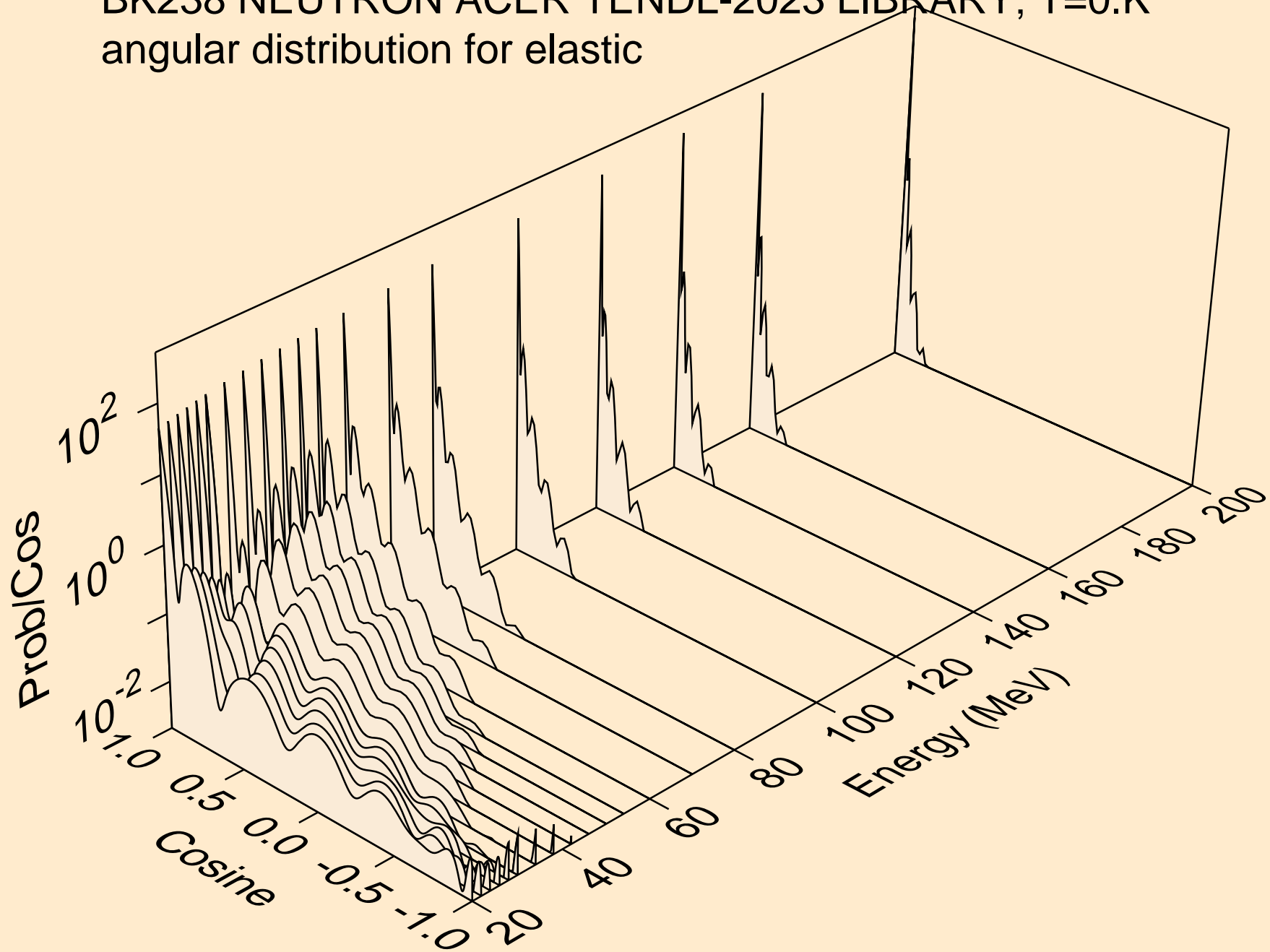
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



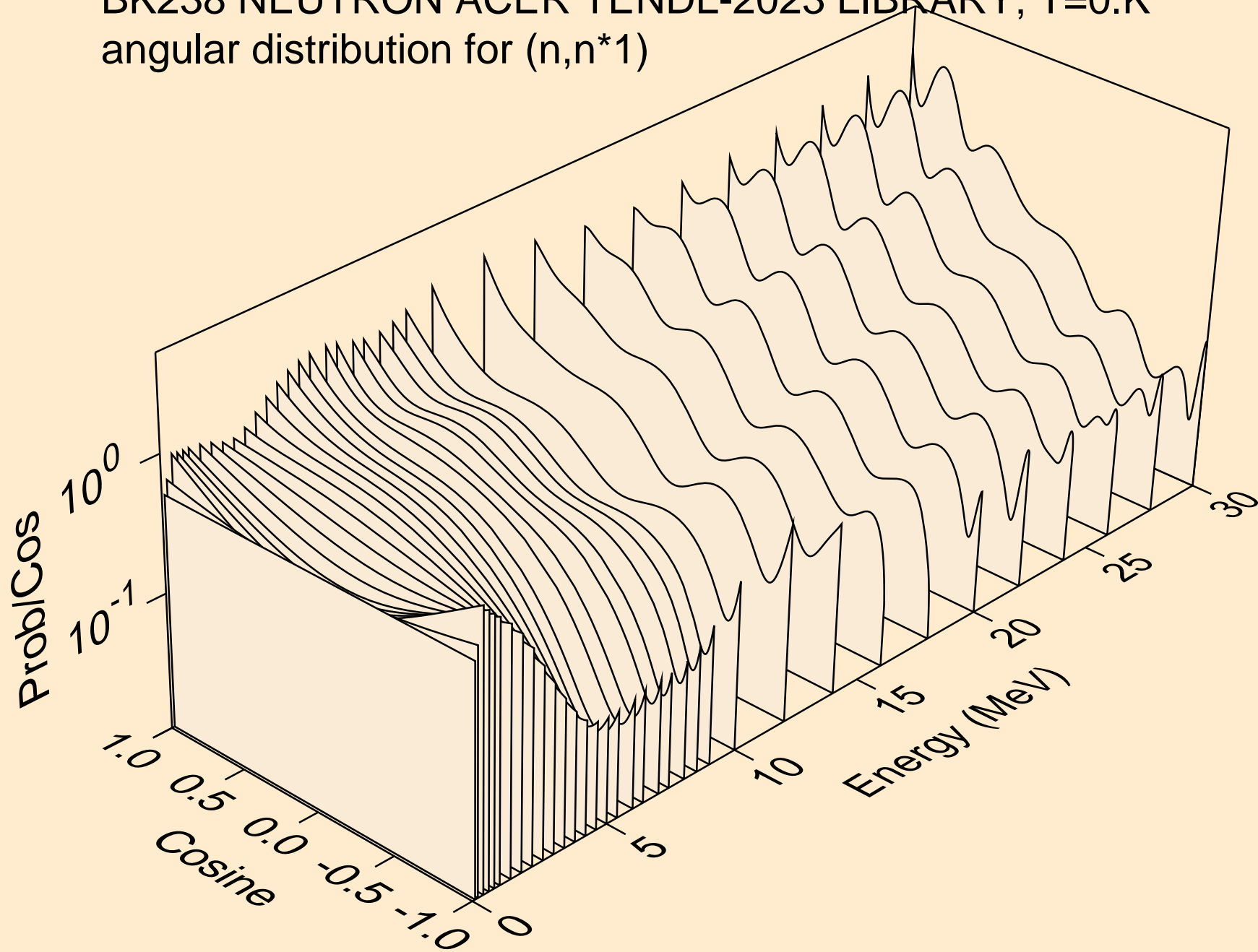
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



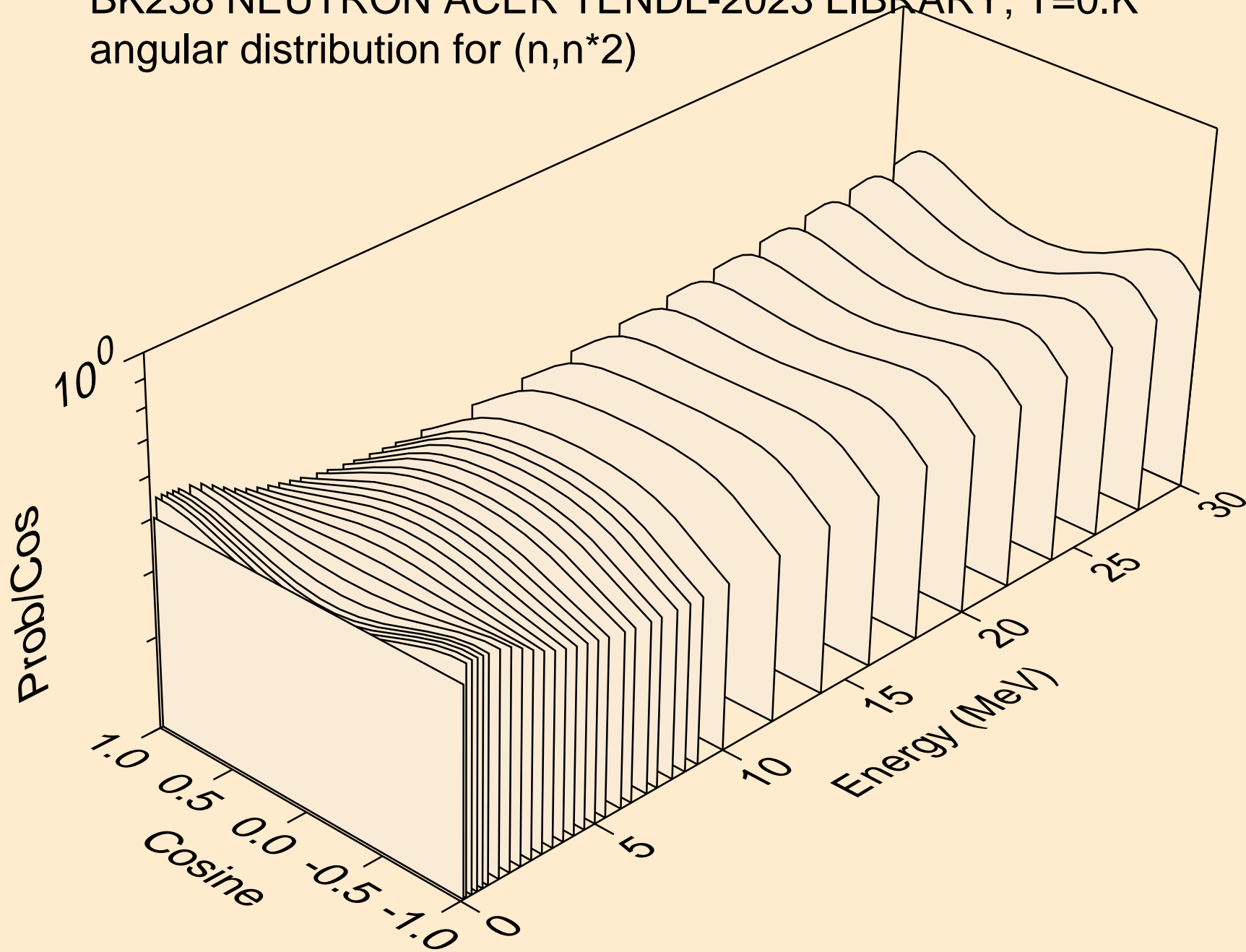
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angular distribution for elastic



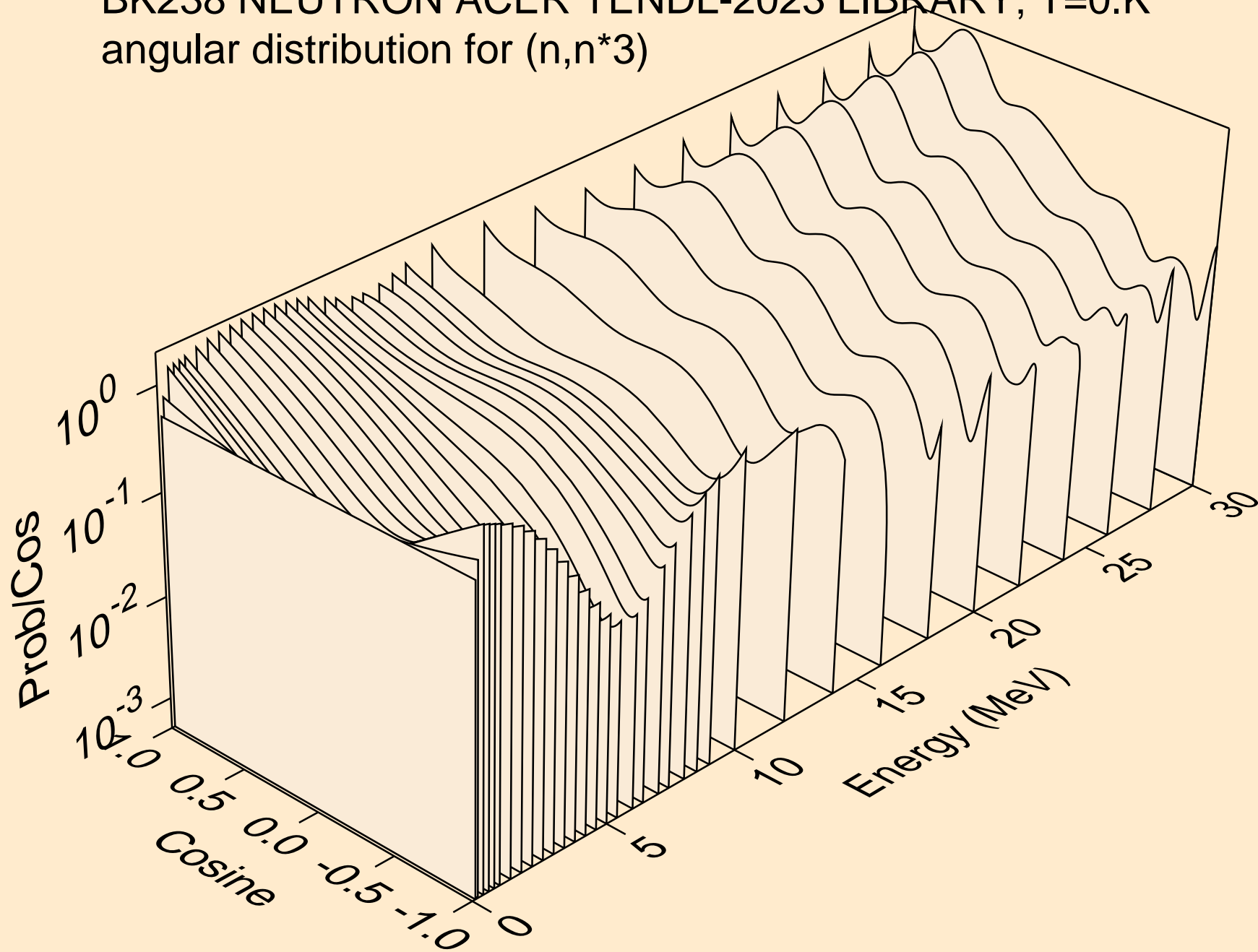
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



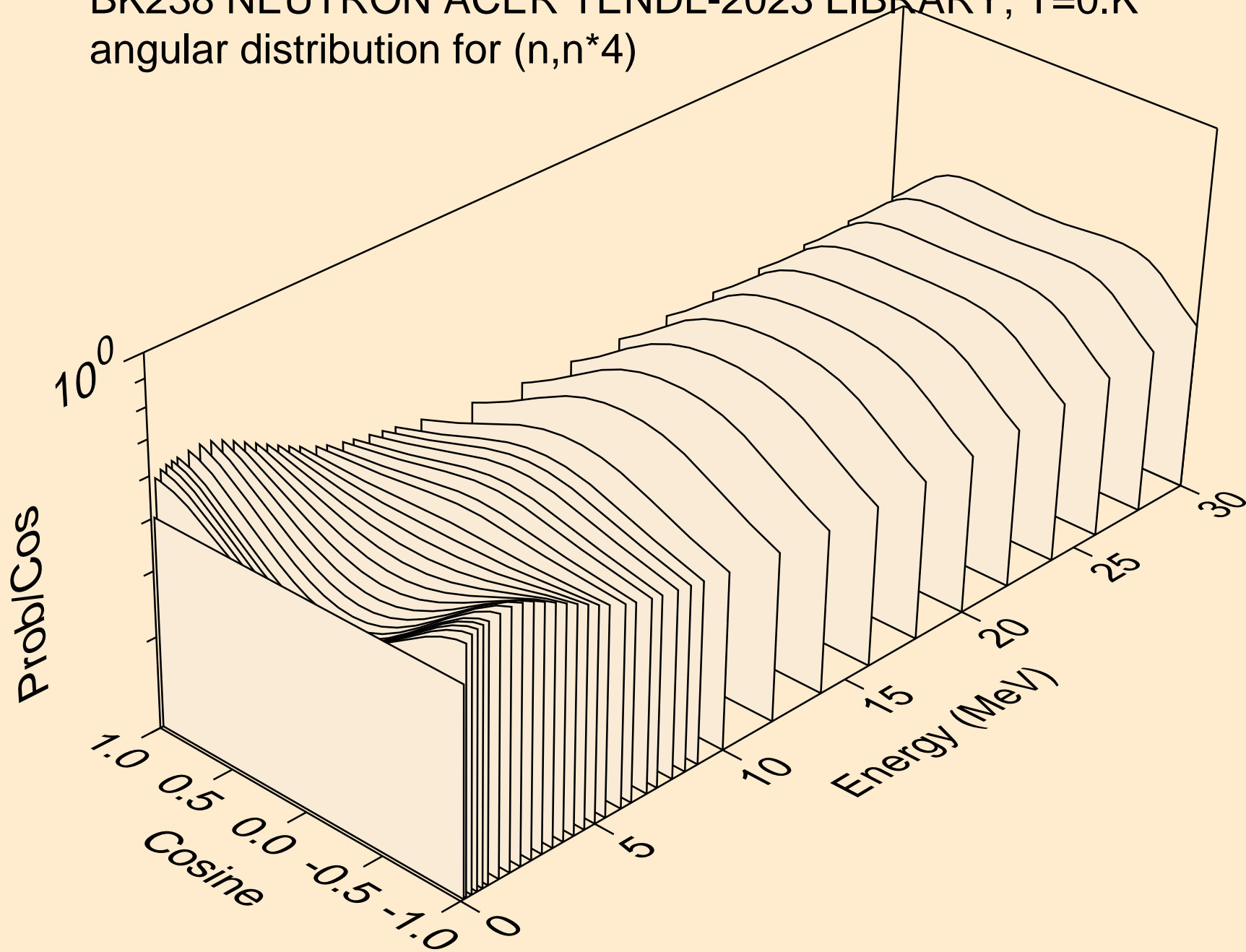
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



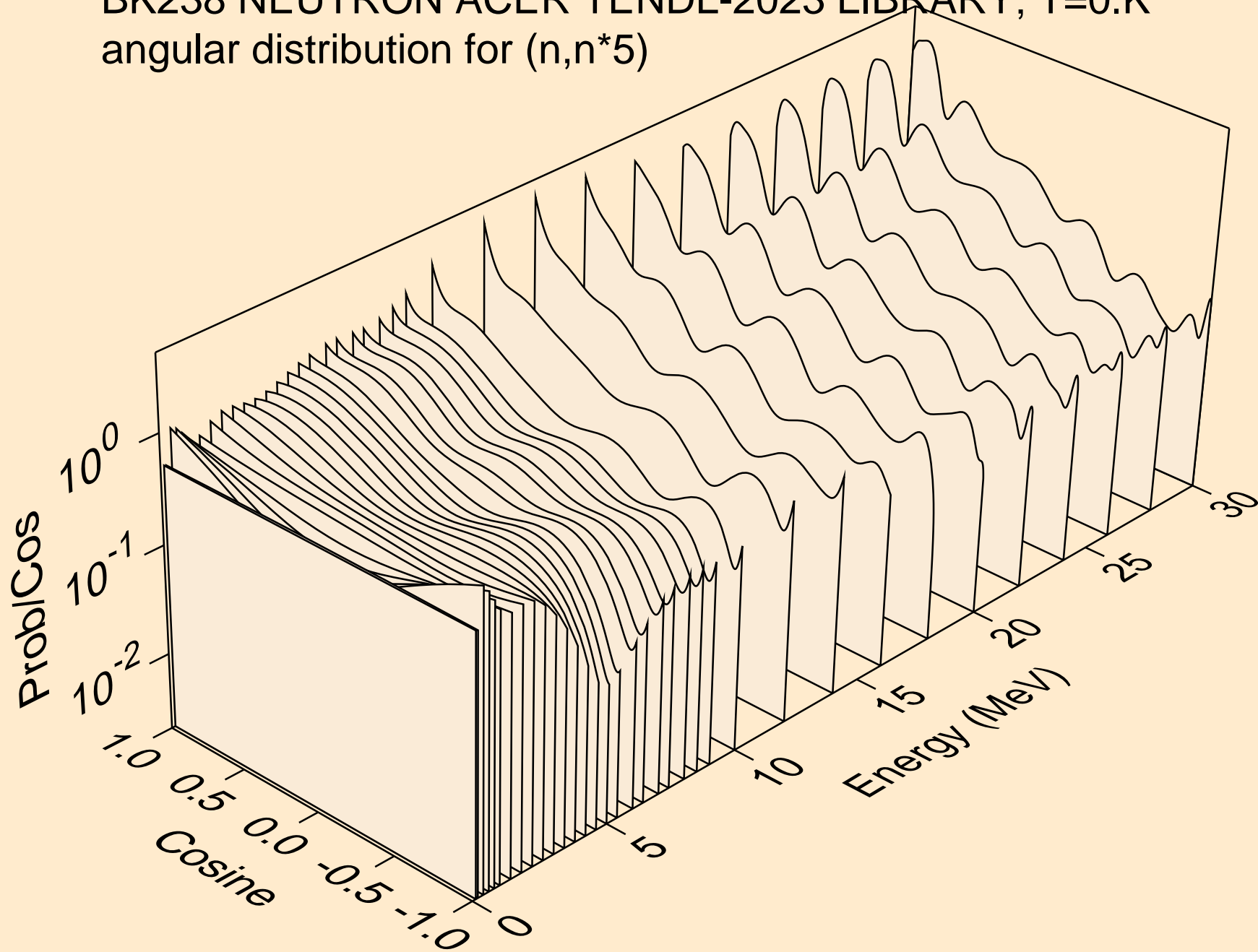
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



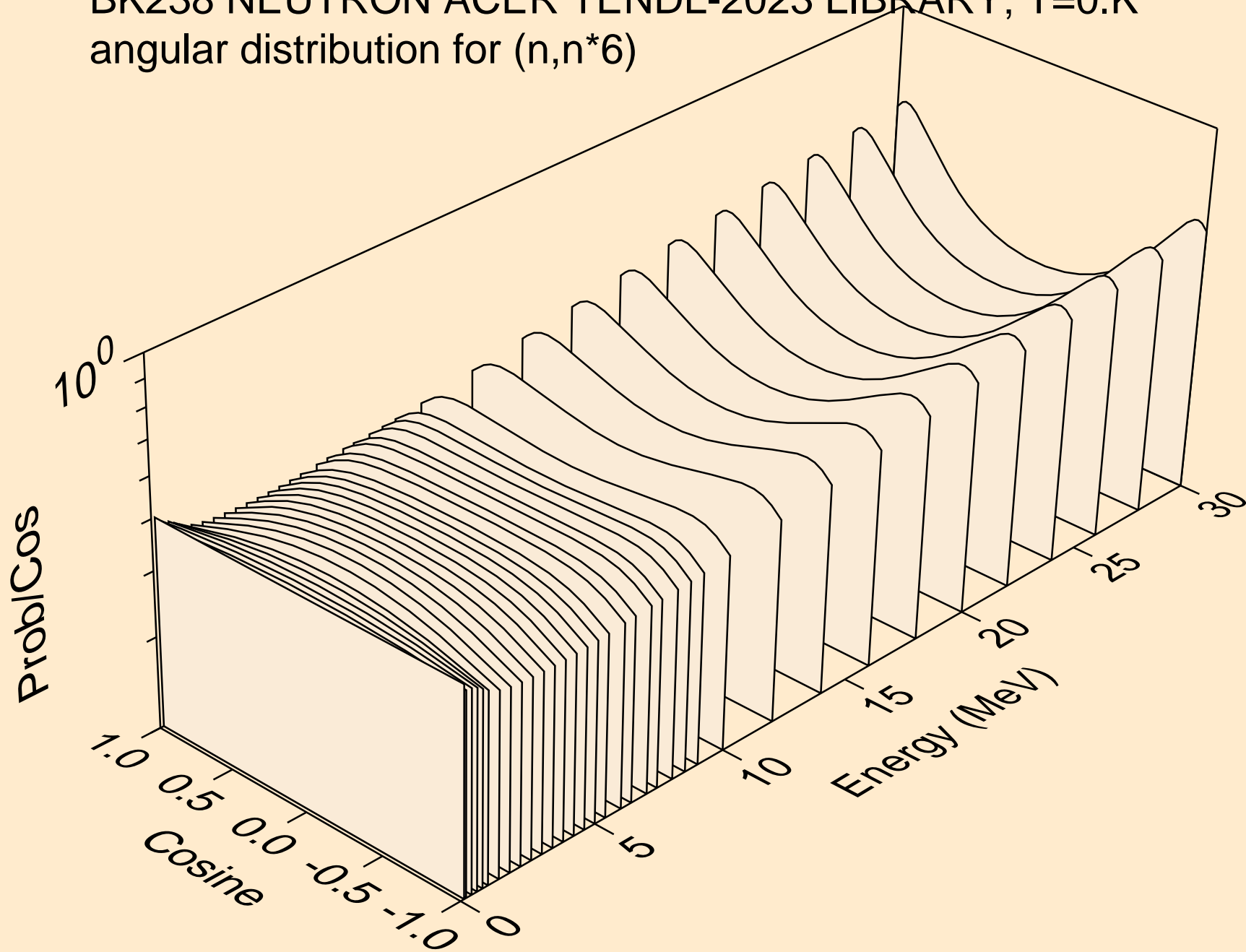
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



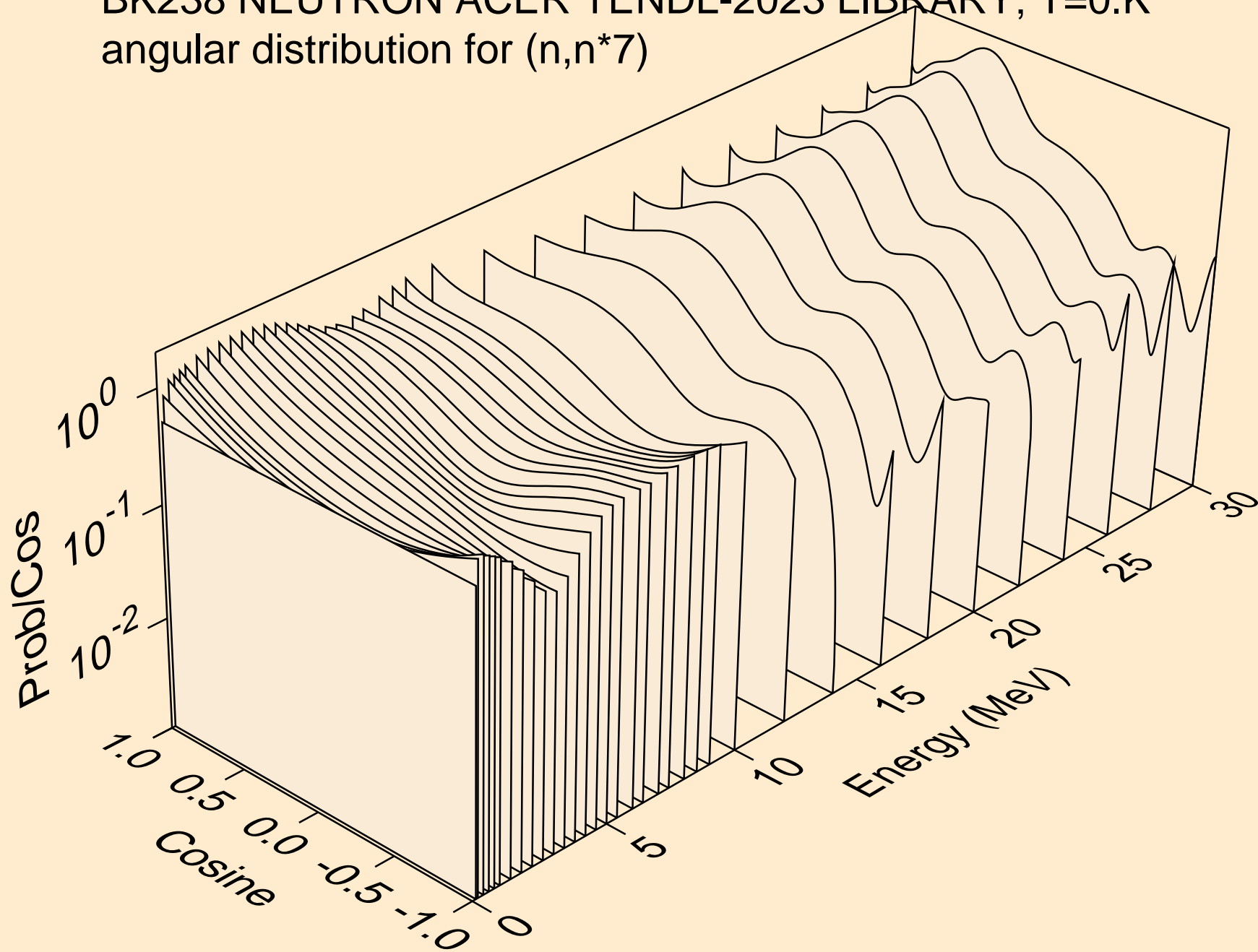
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



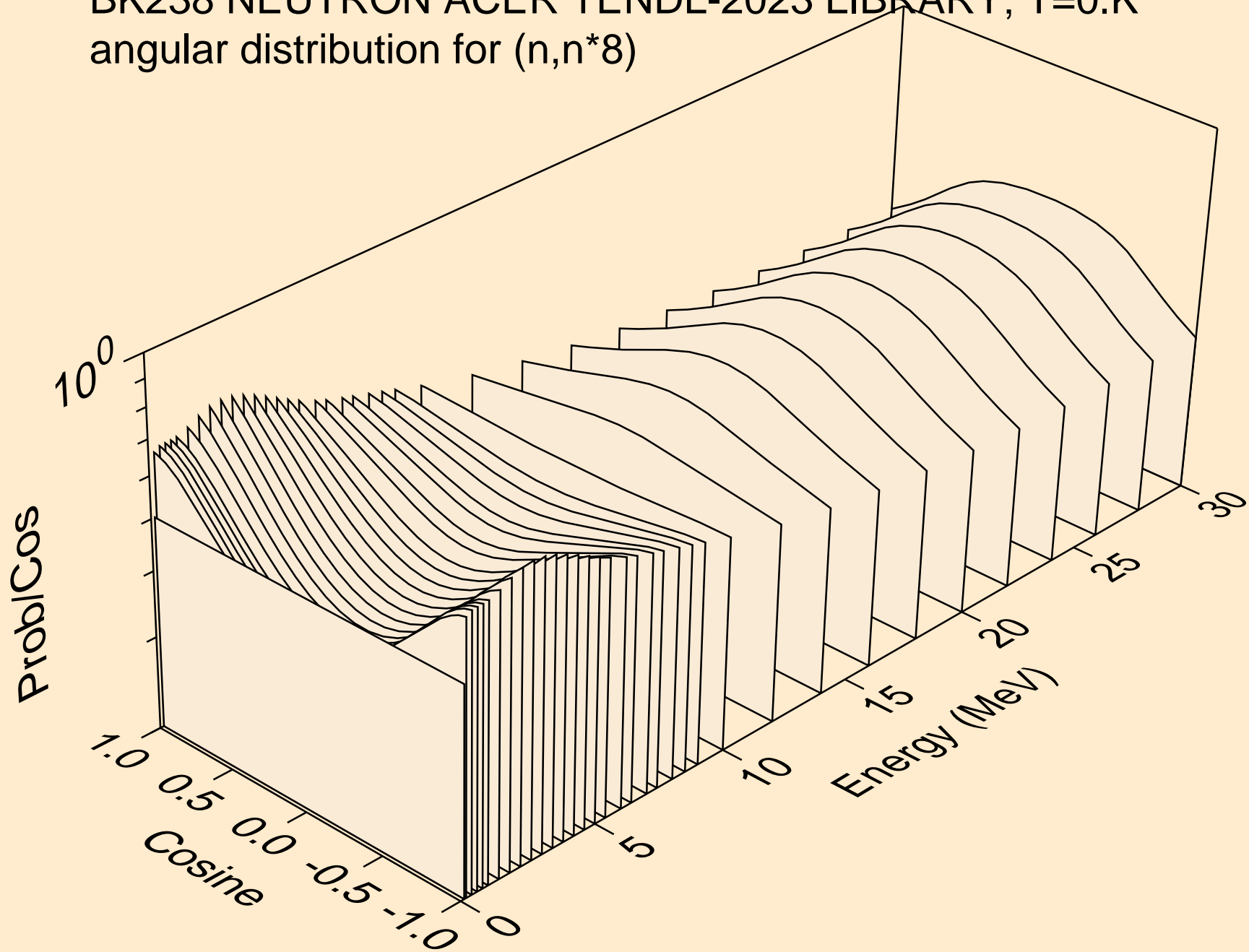
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



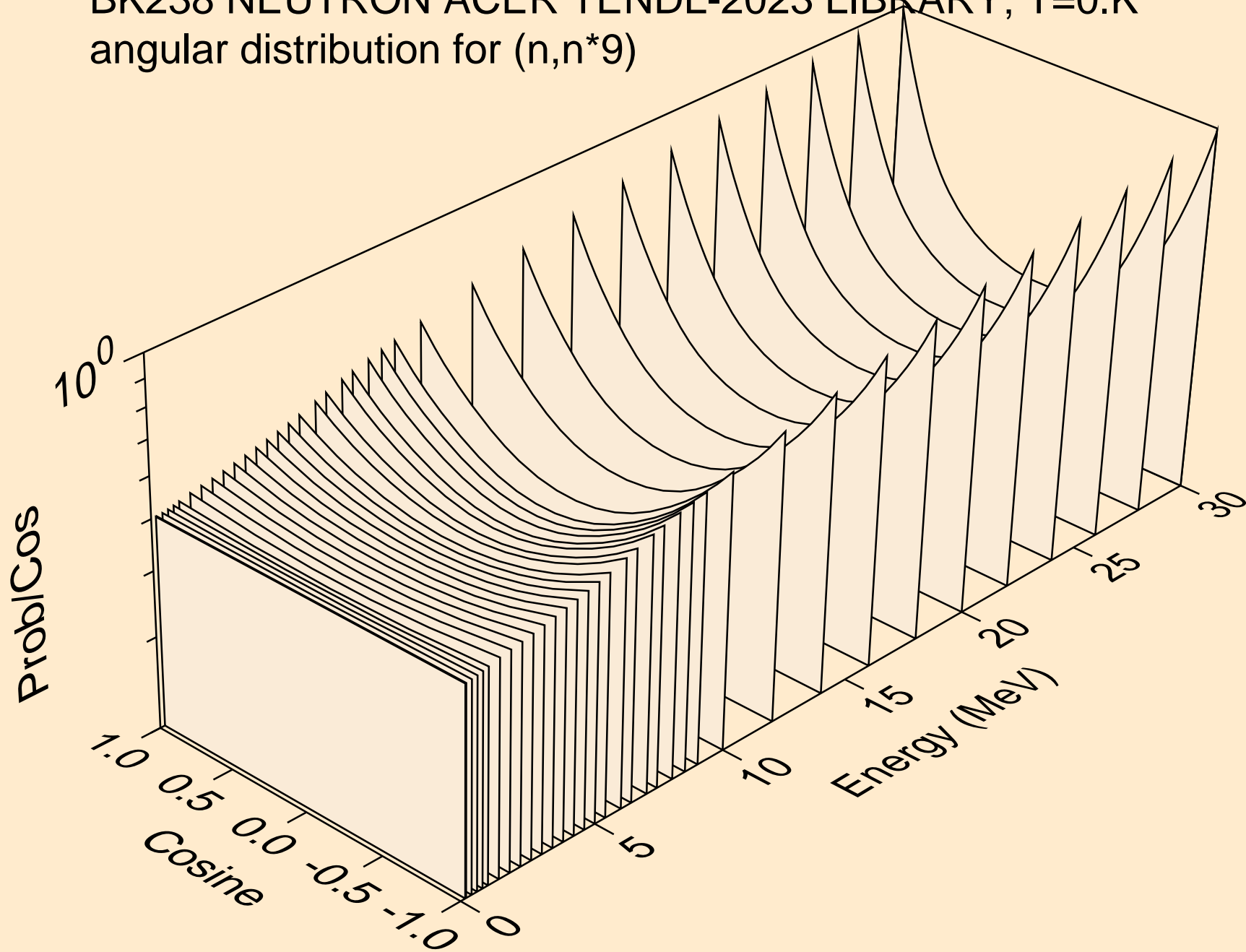
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



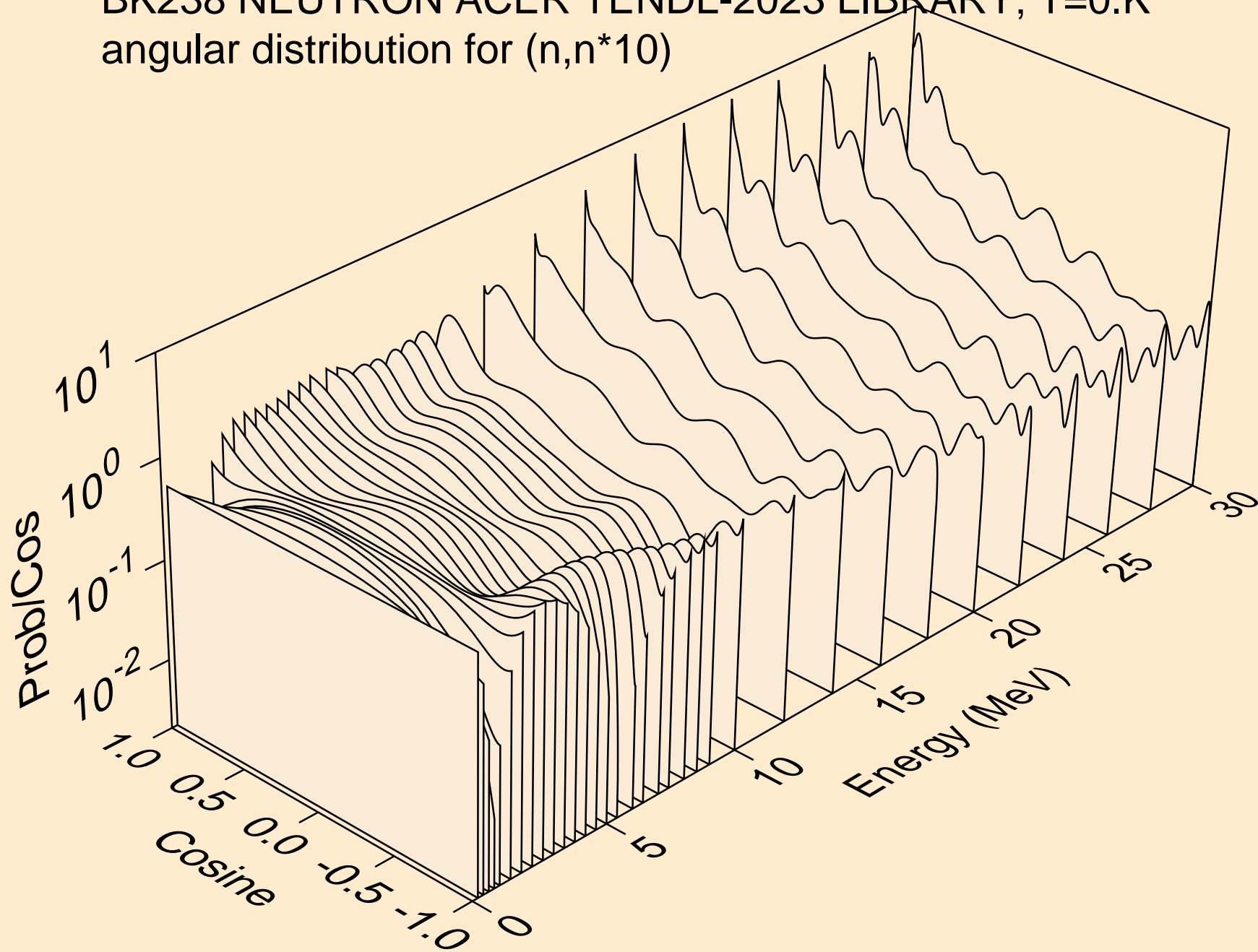
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



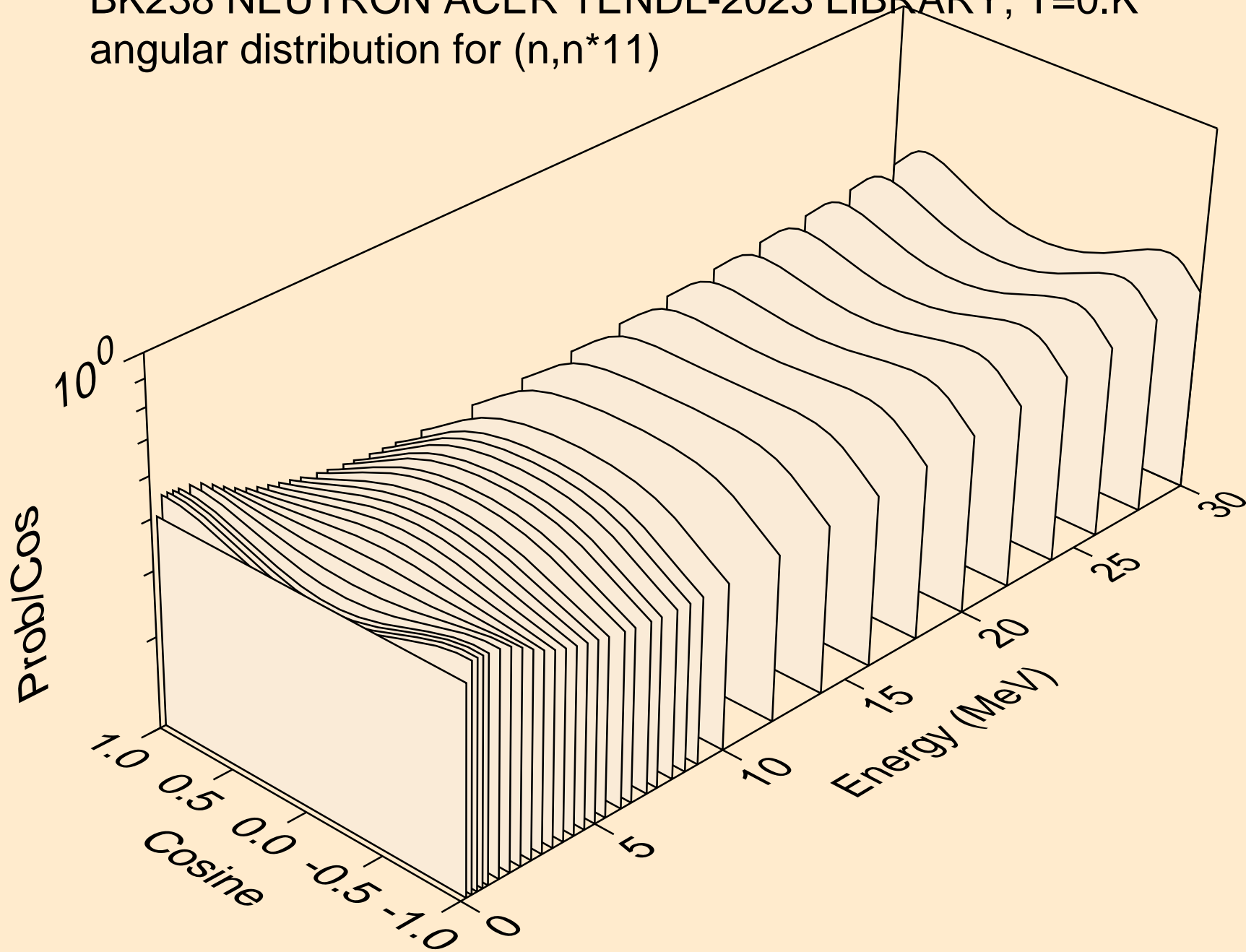
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angular distribution for (n,n*9)



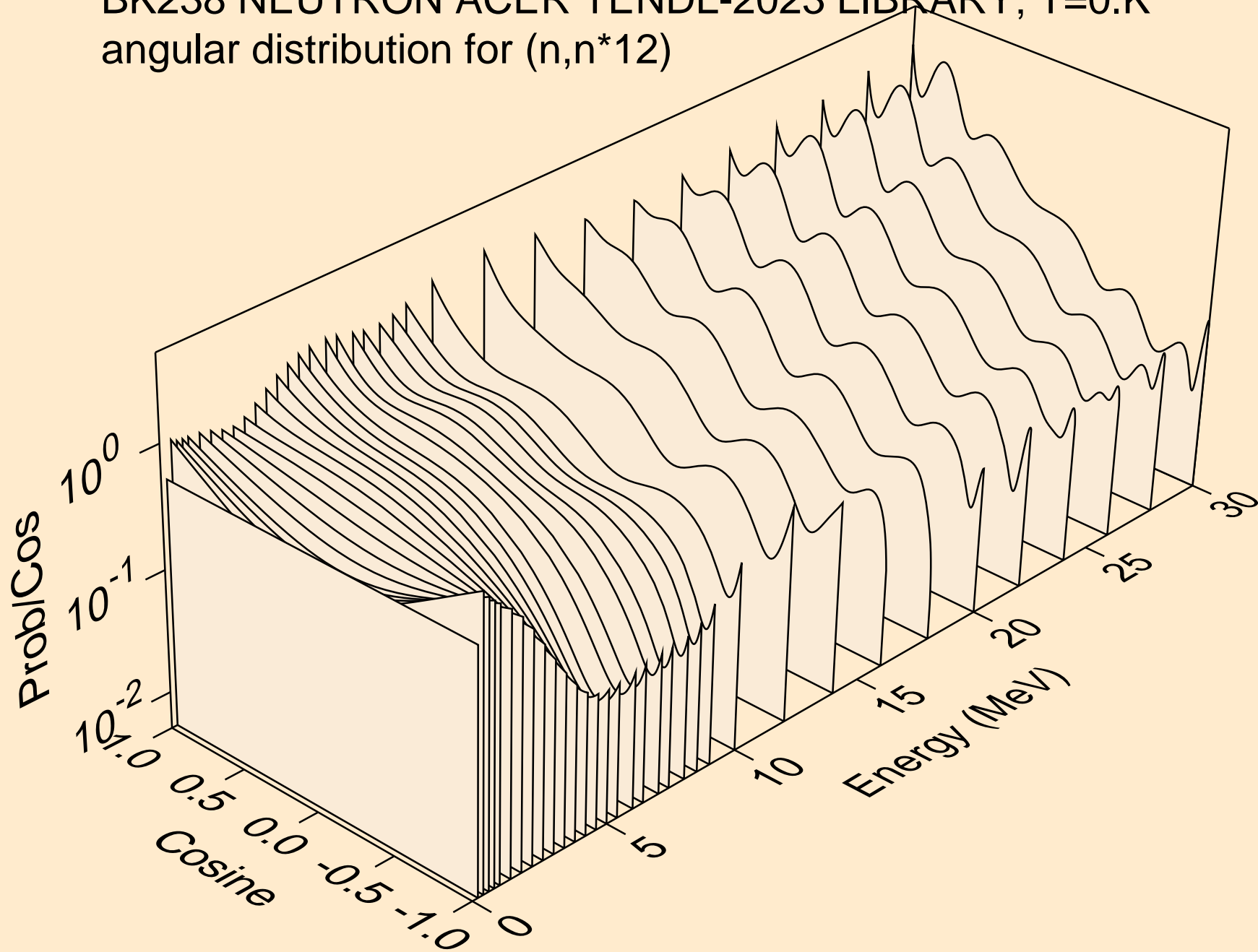
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angular distribution for (n,n*10)



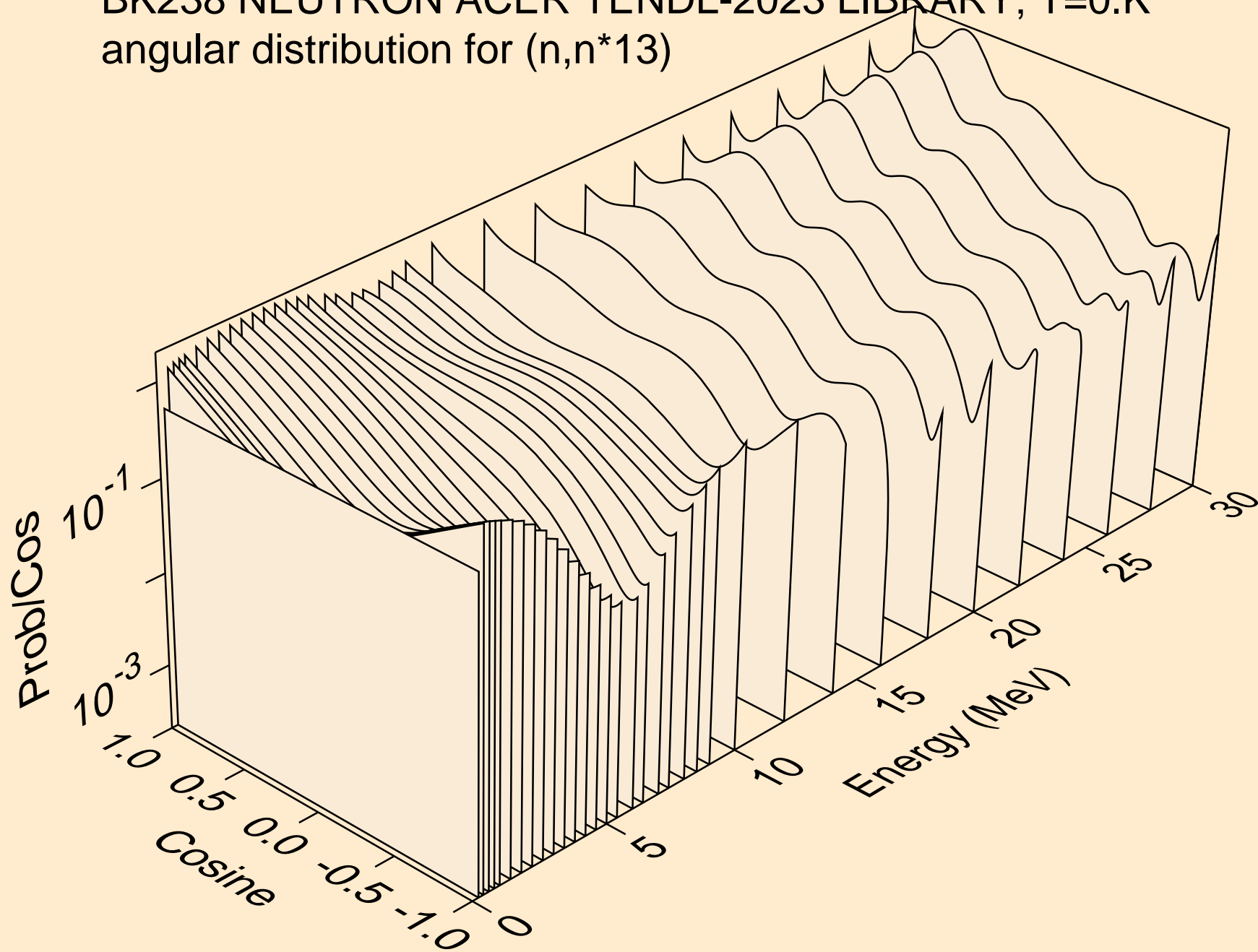
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angular distribution for (n,n*11)



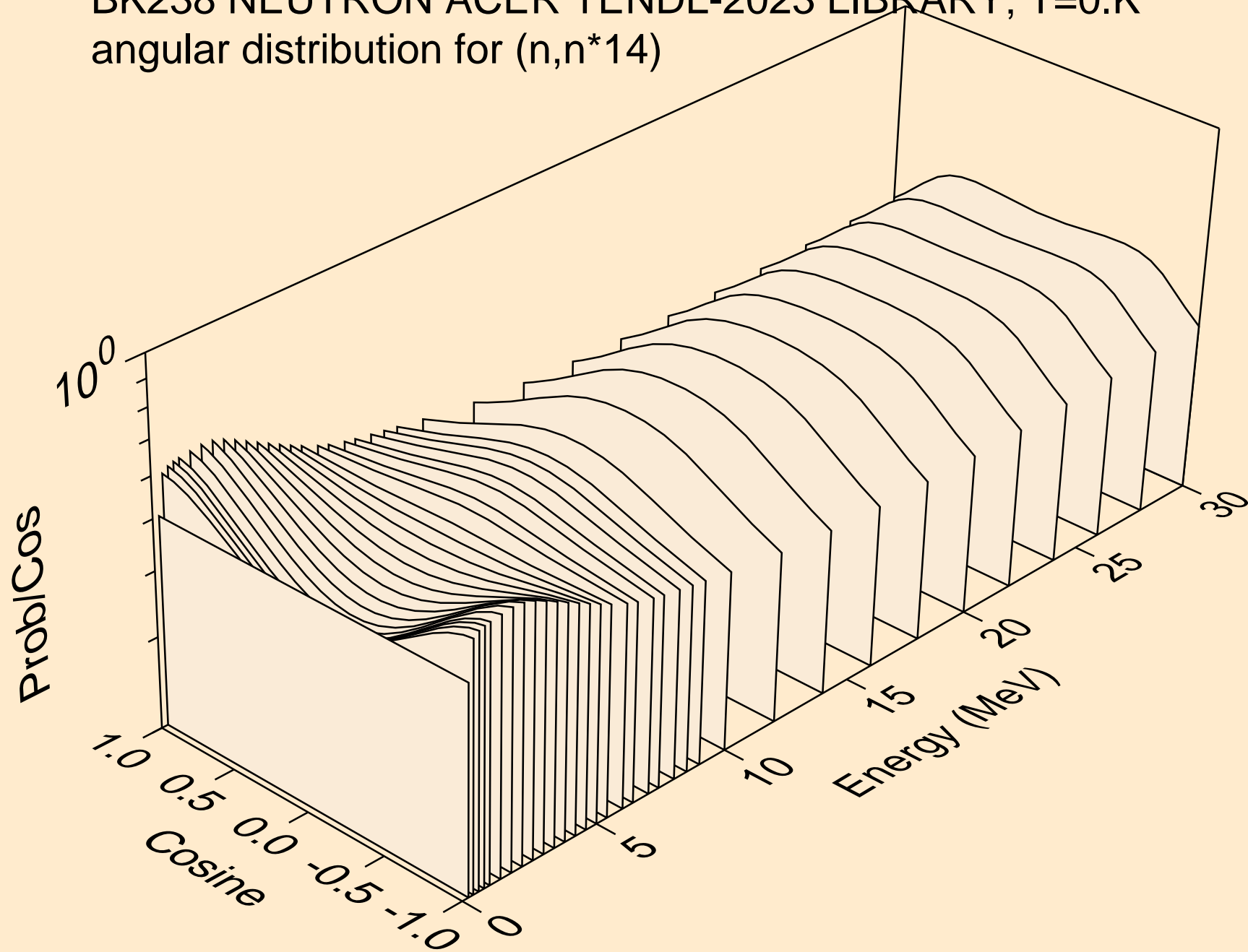
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angular distribution for (n,n*12)



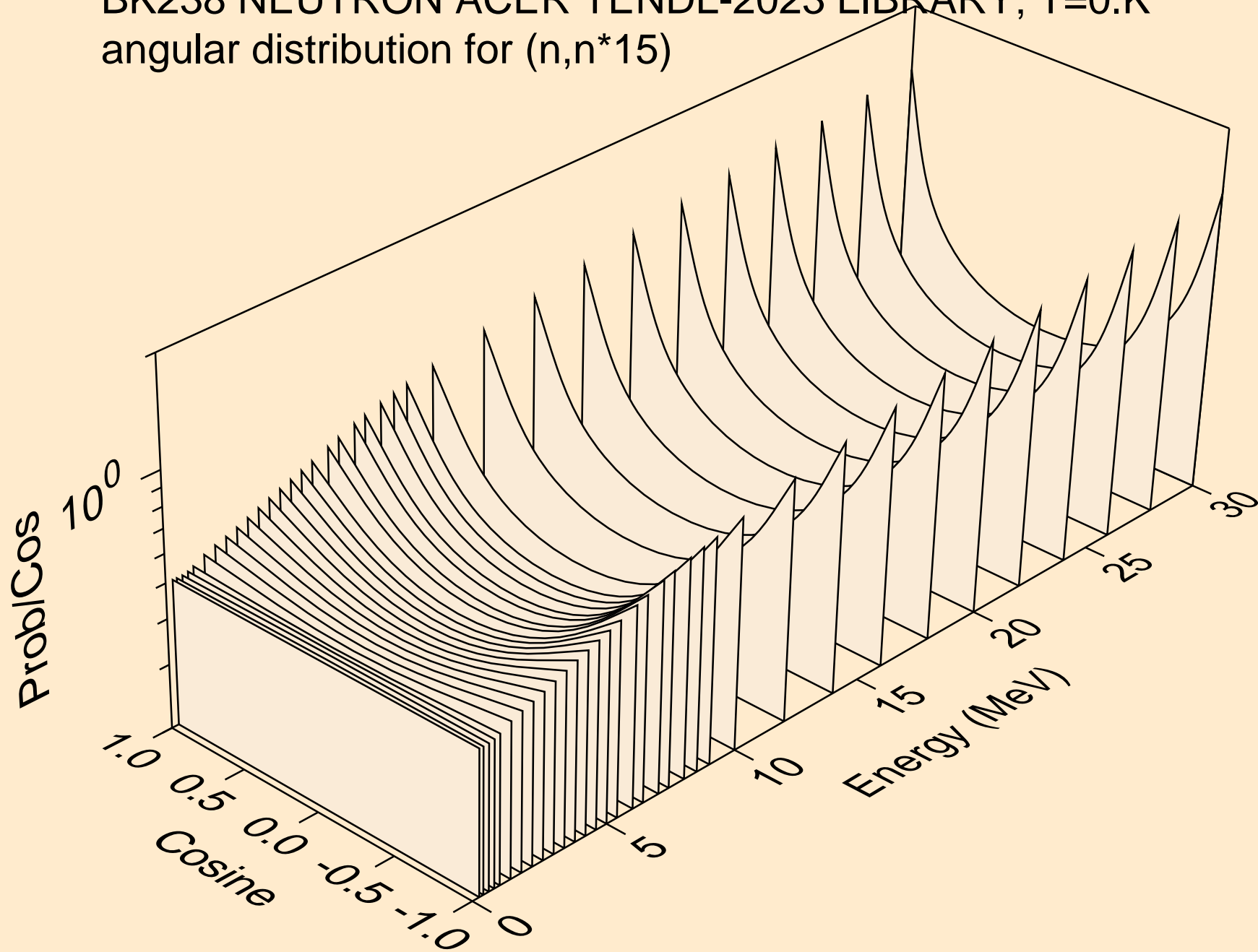
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angular distribution for (n,n*13)



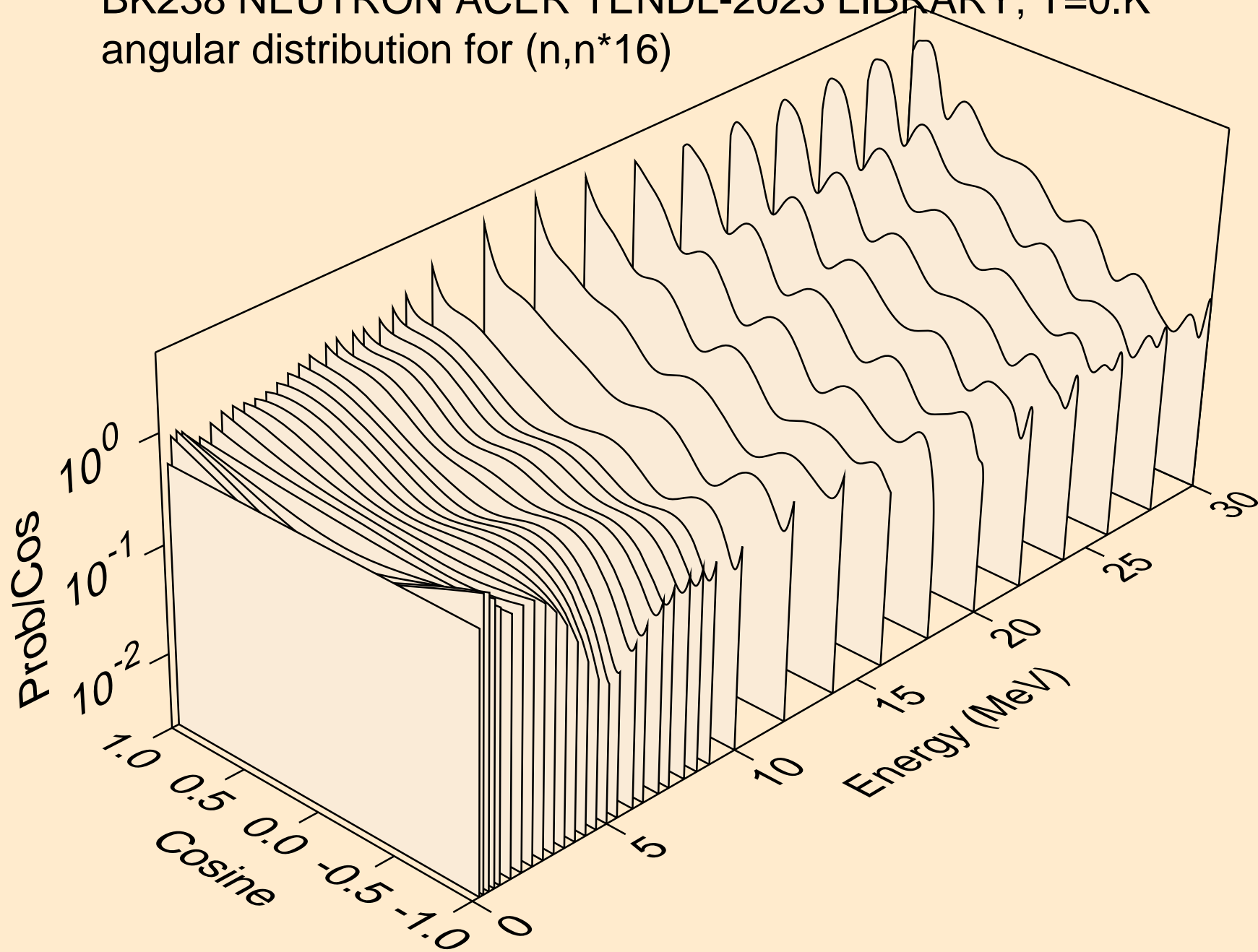
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angular distribution for (n,n*14)



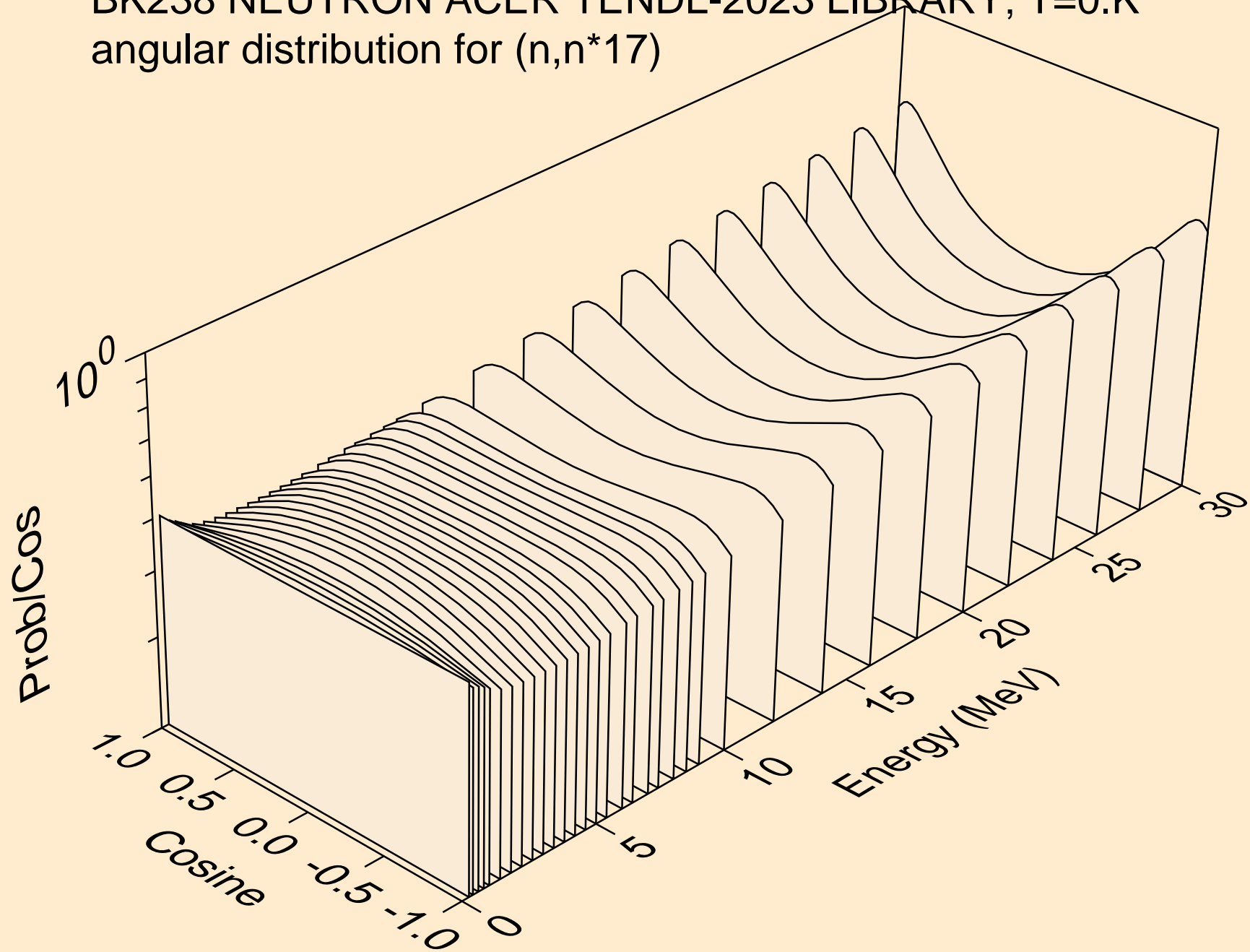
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angular distribution for (n,n*15)



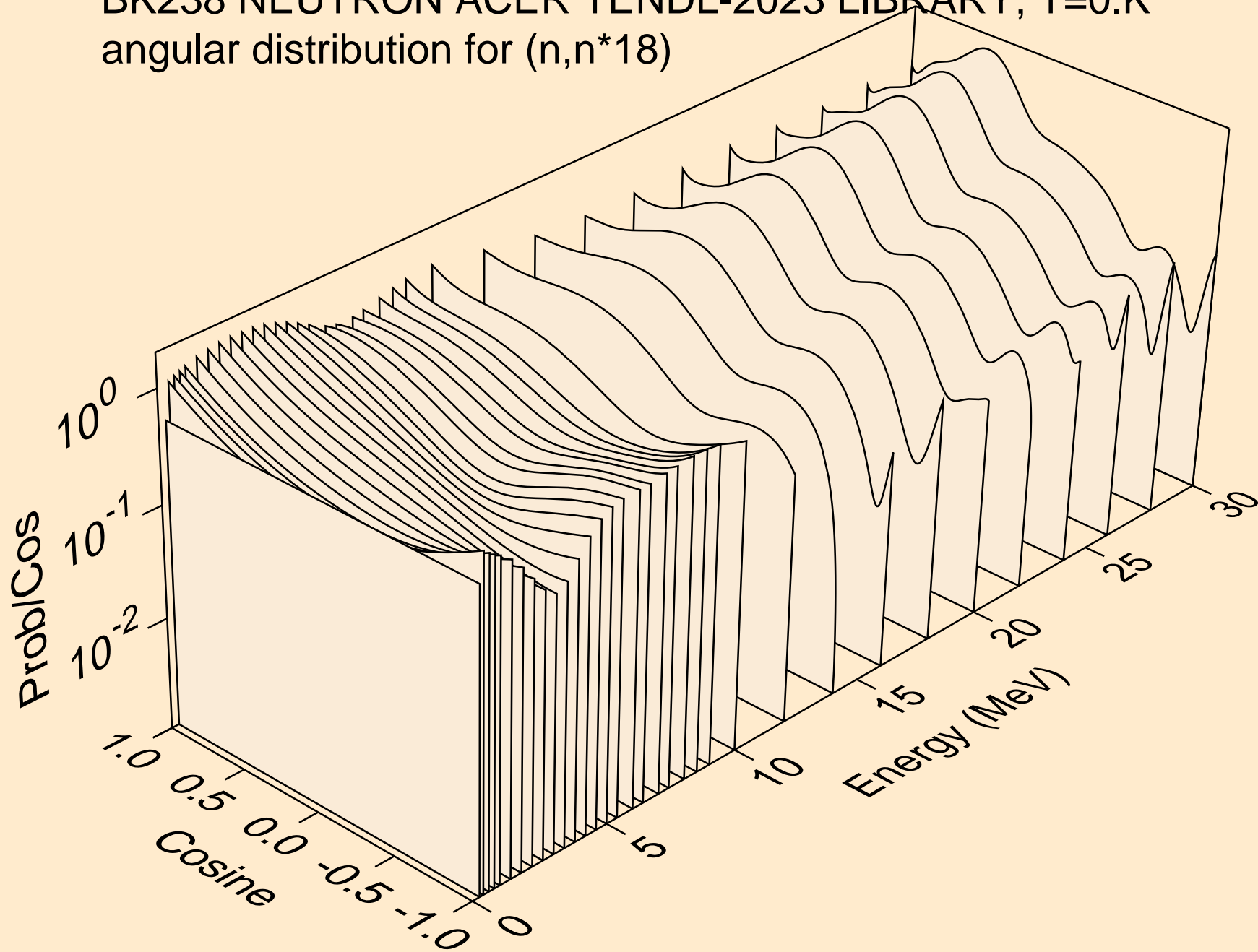
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angular distribution for (n,n*16)



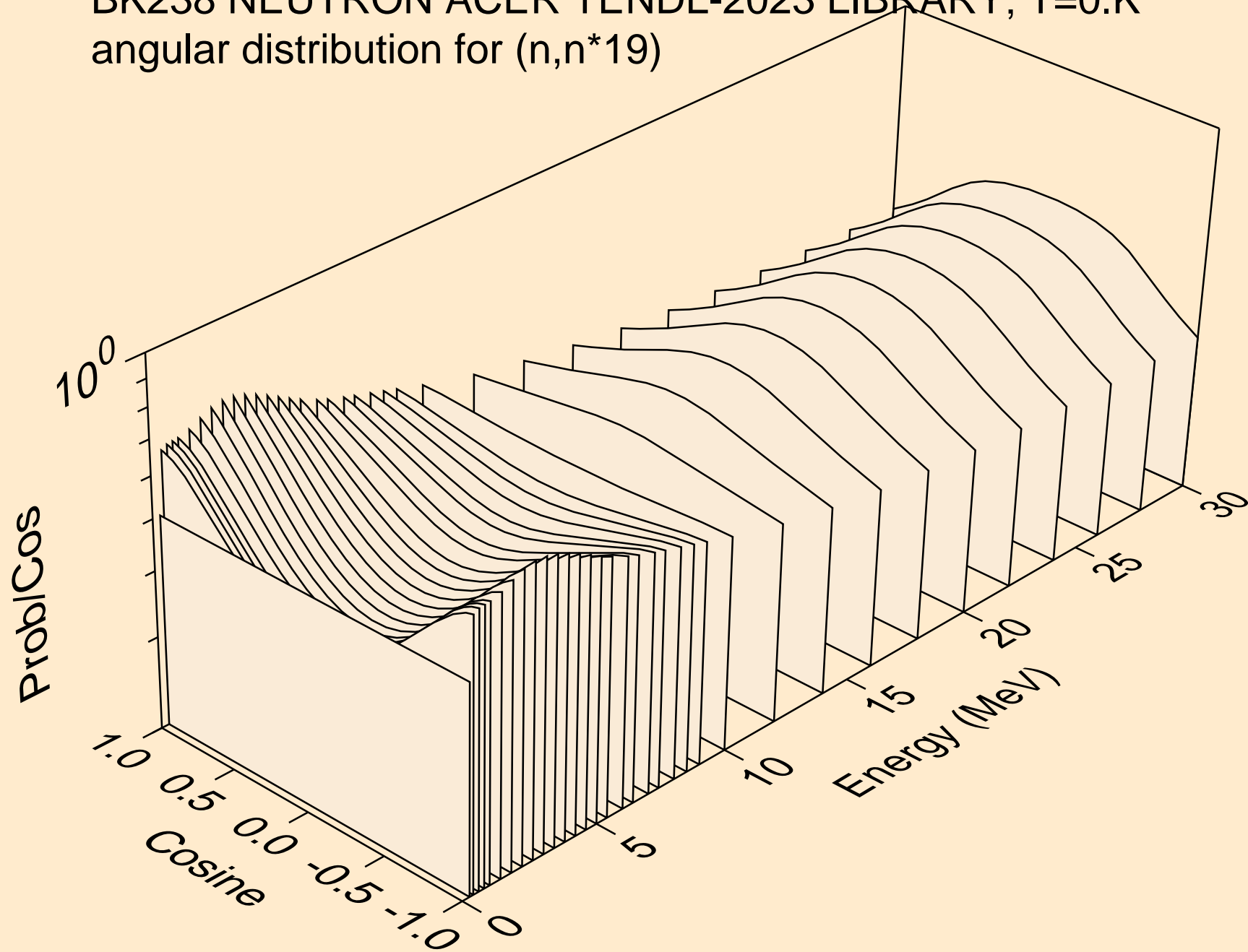
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angular distribution for (n,n*17)



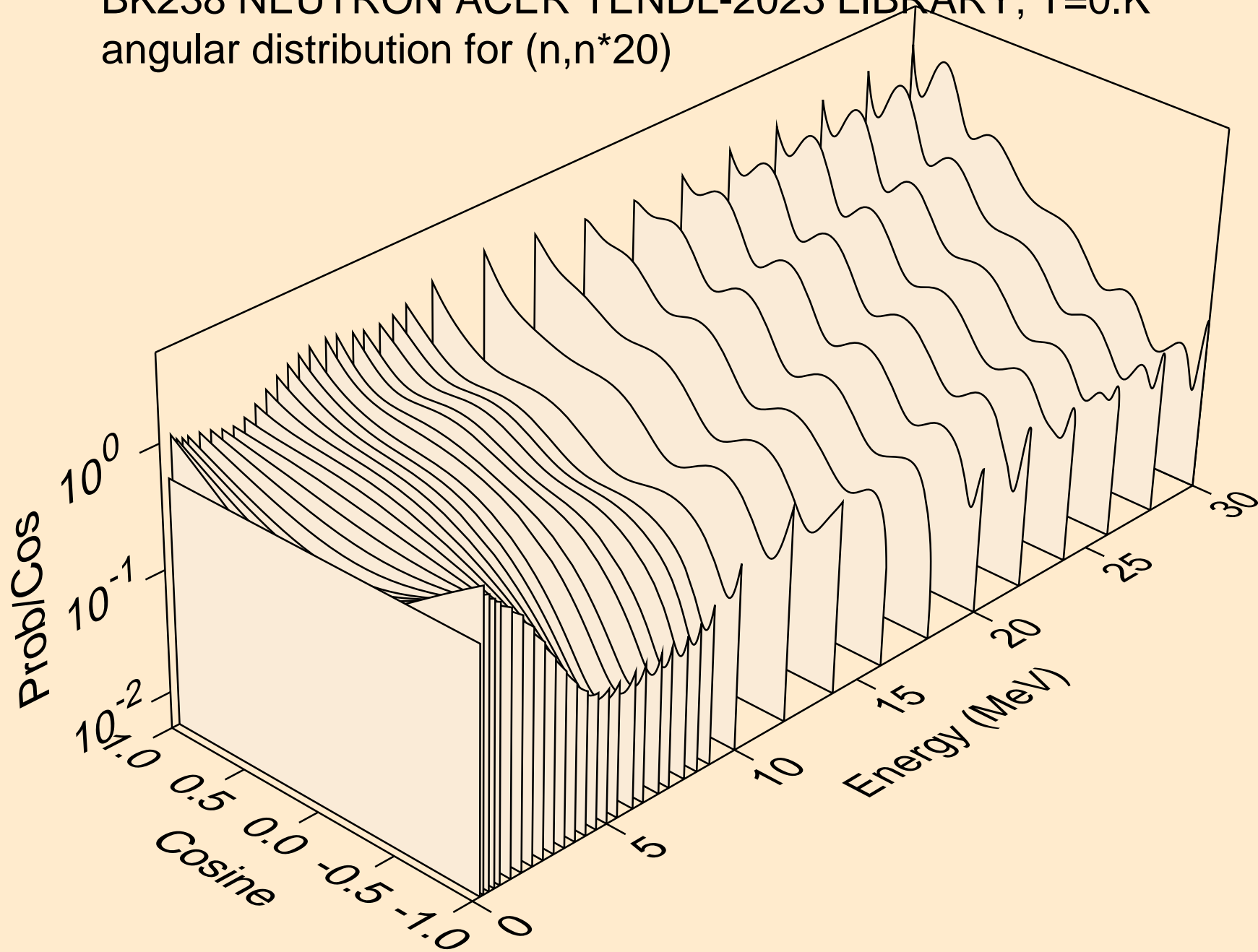
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



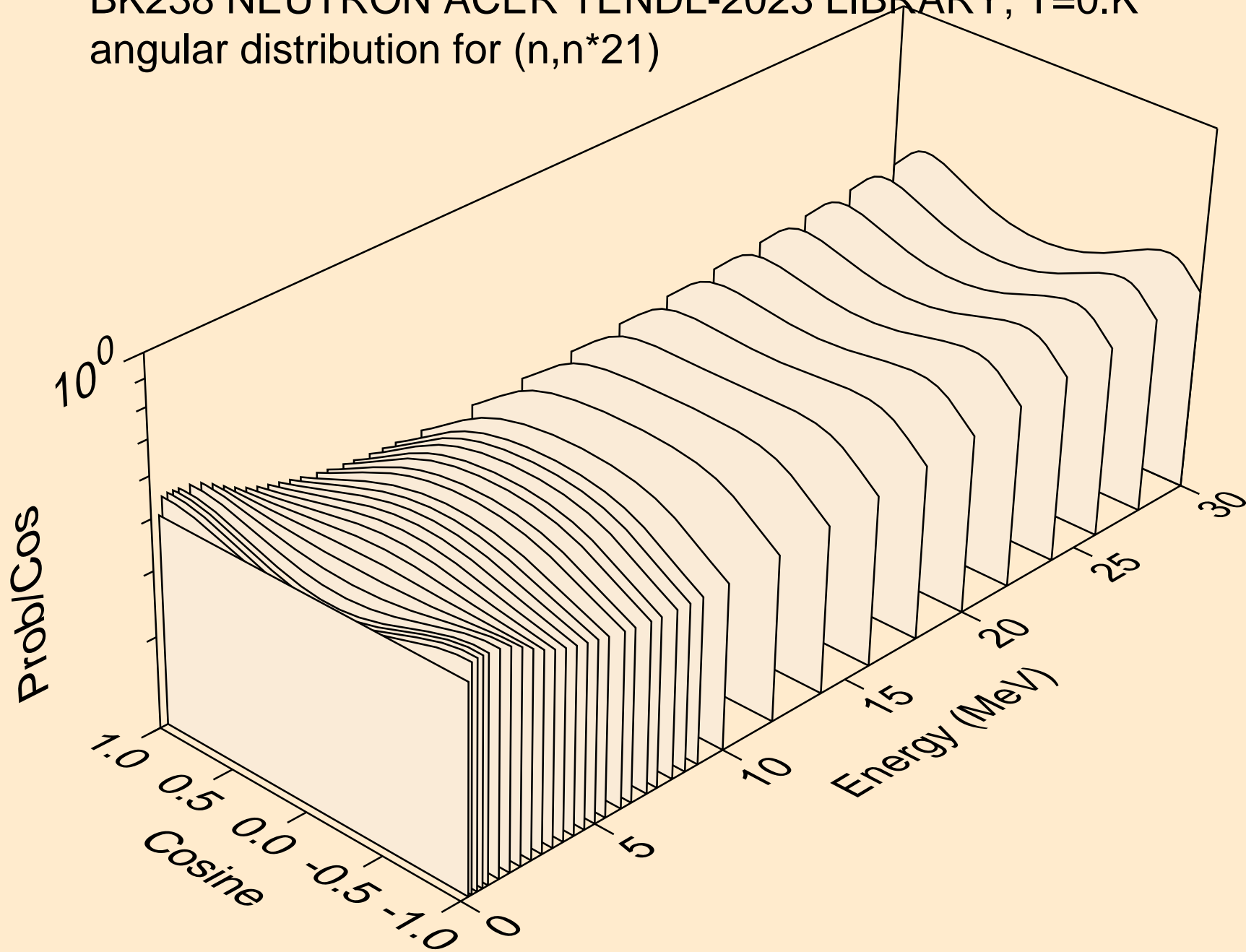
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angular distribution for (n,n*19)



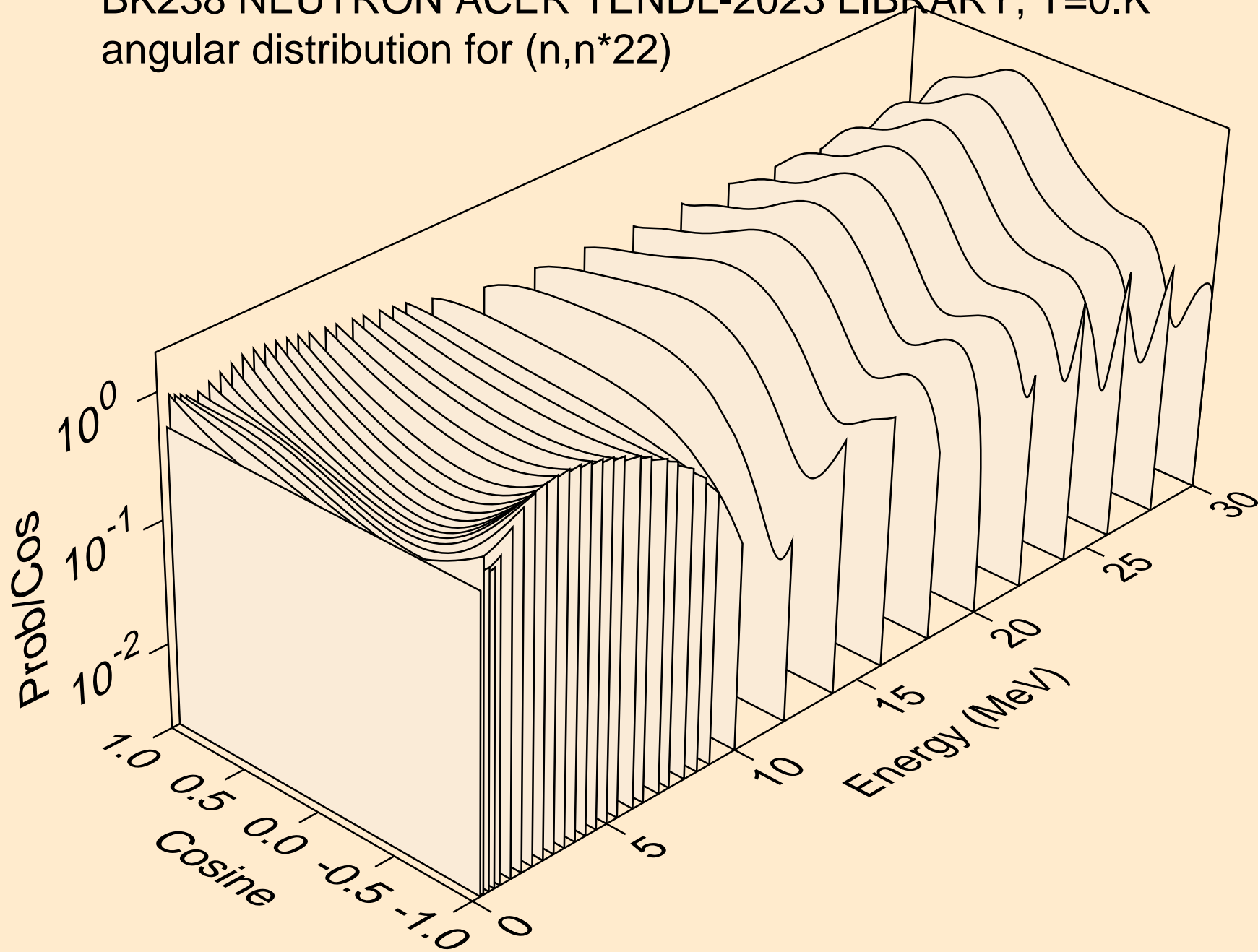
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angular distribution for (n,n*20)



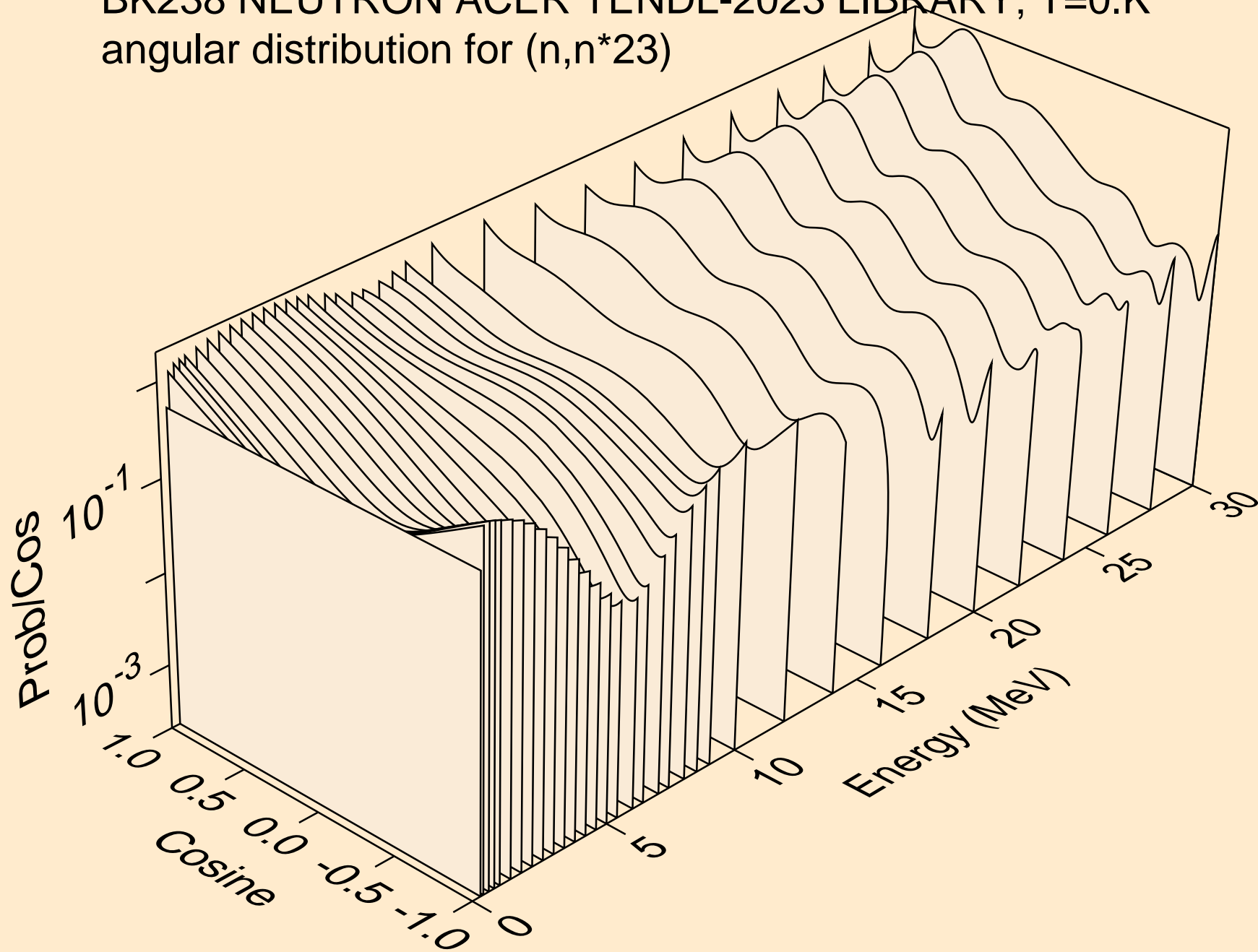
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angular distribution for (n,n*21)



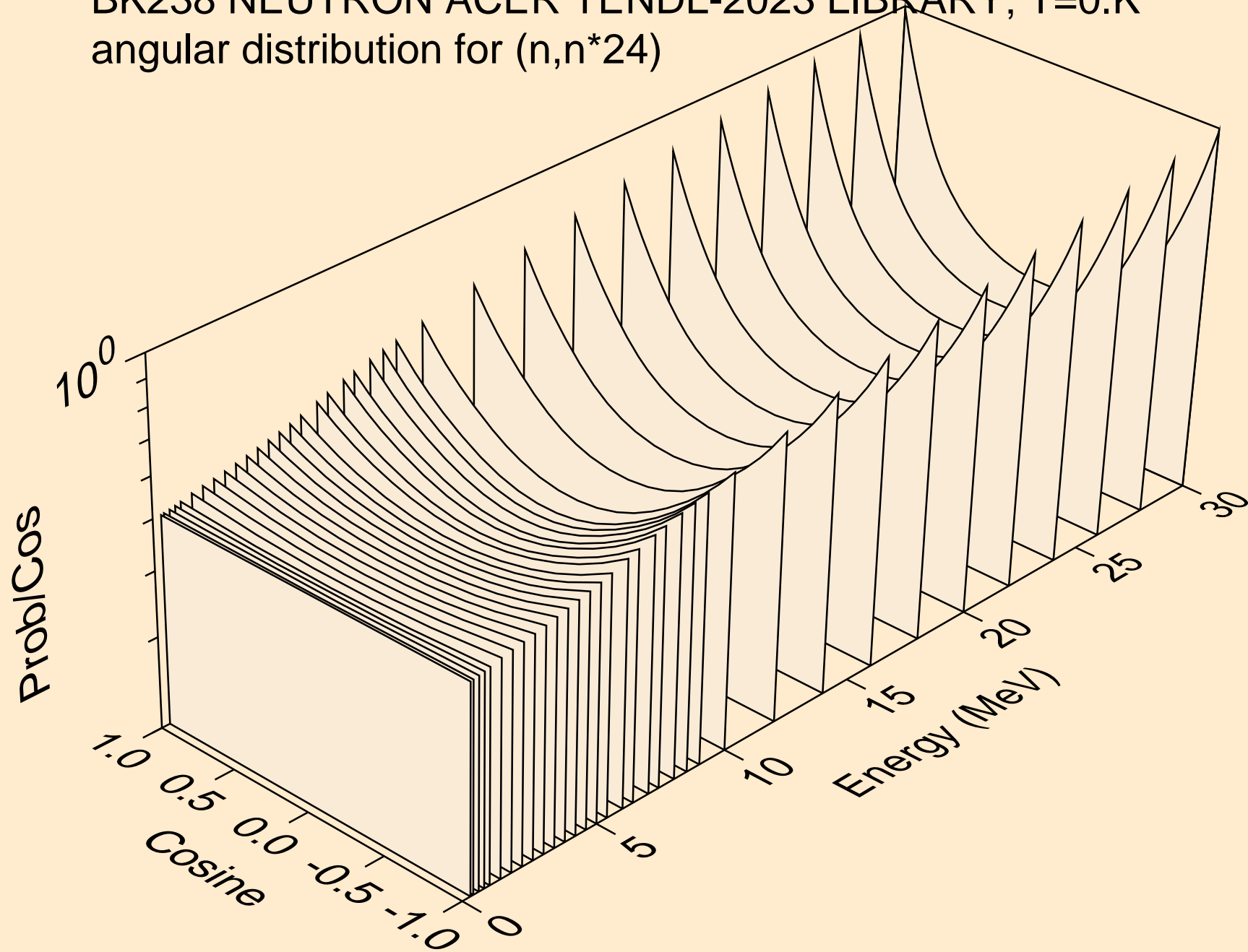
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angular distribution for (n,n*22)



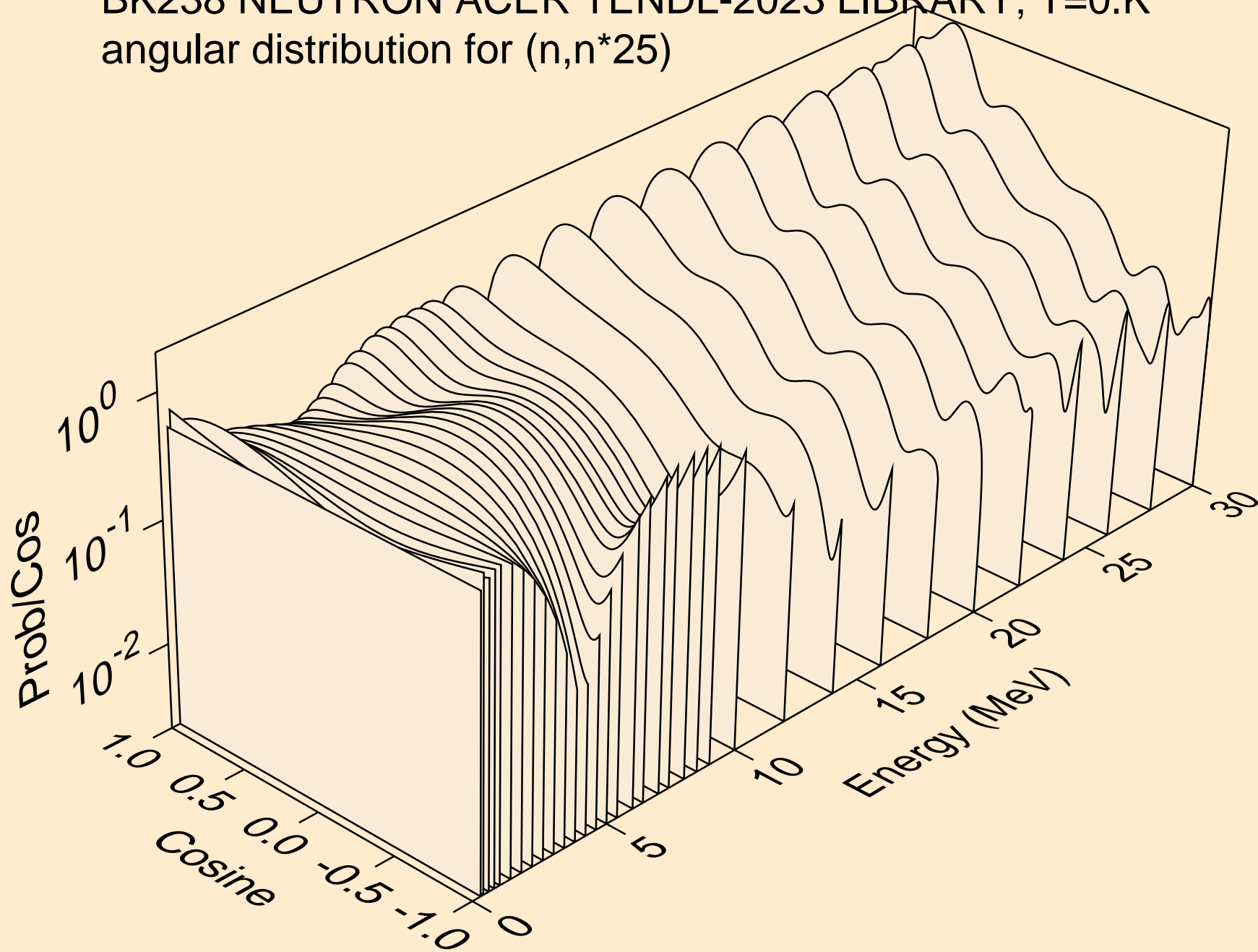
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angular distribution for (n,n*23)



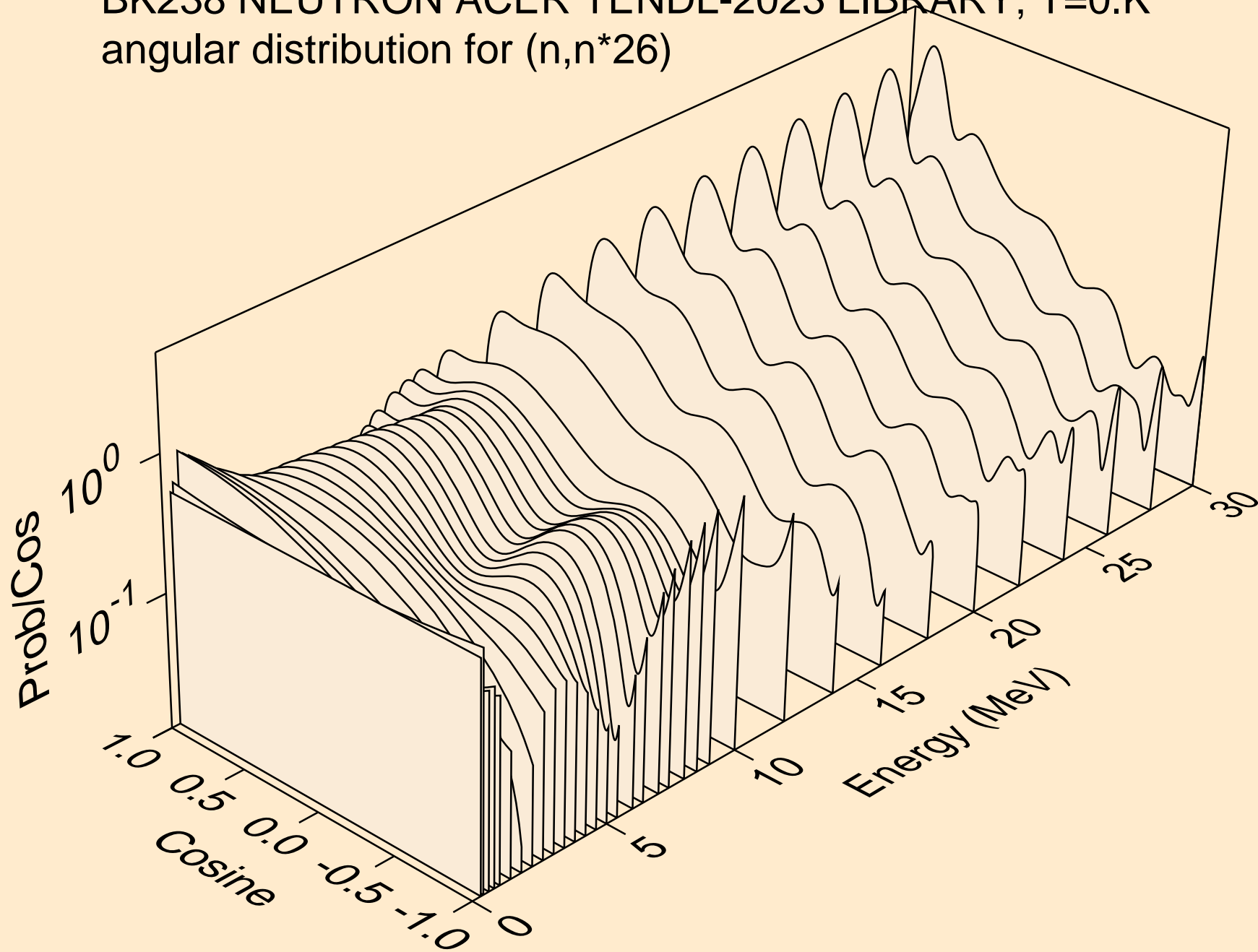
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angular distribution for (n,n*24)



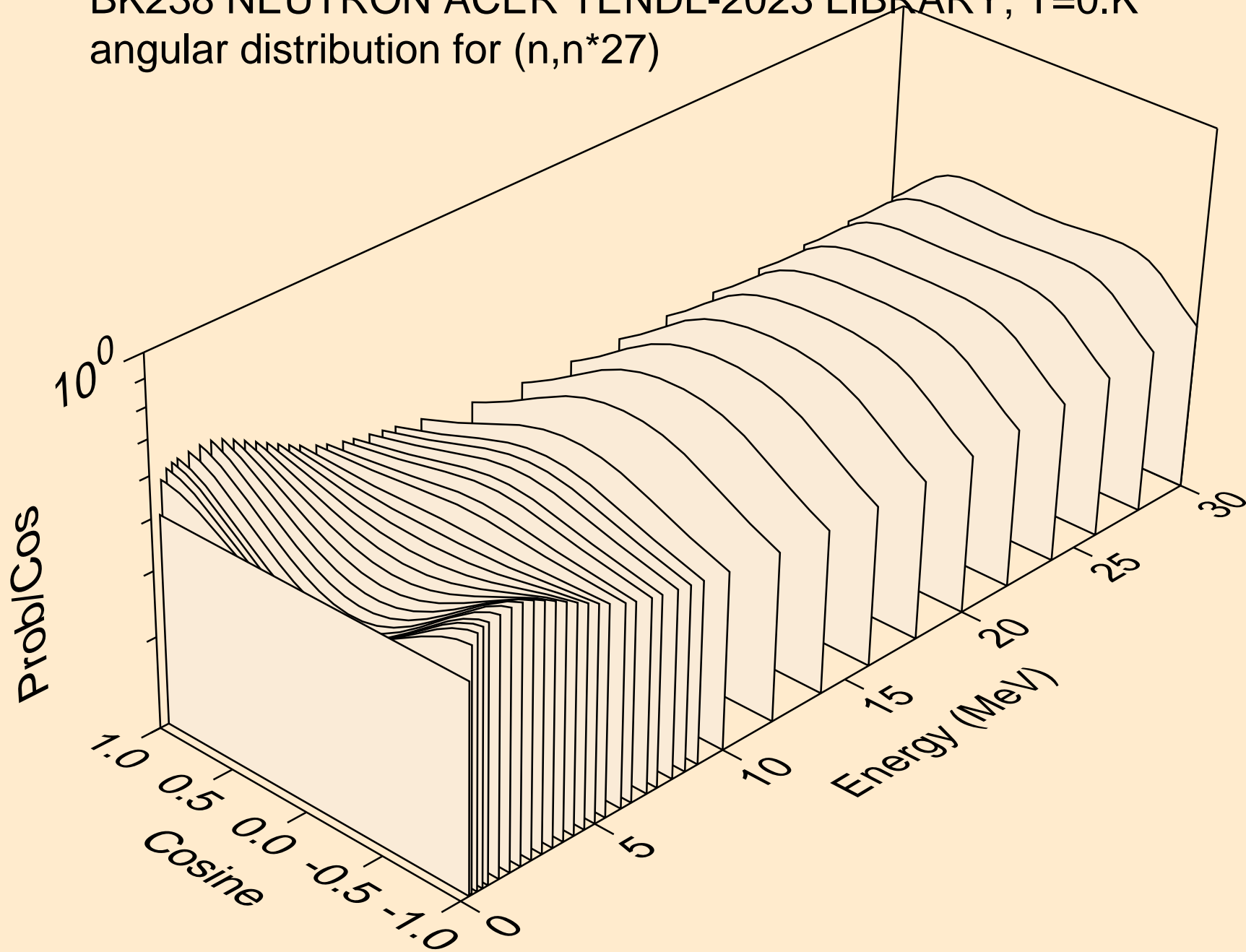
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



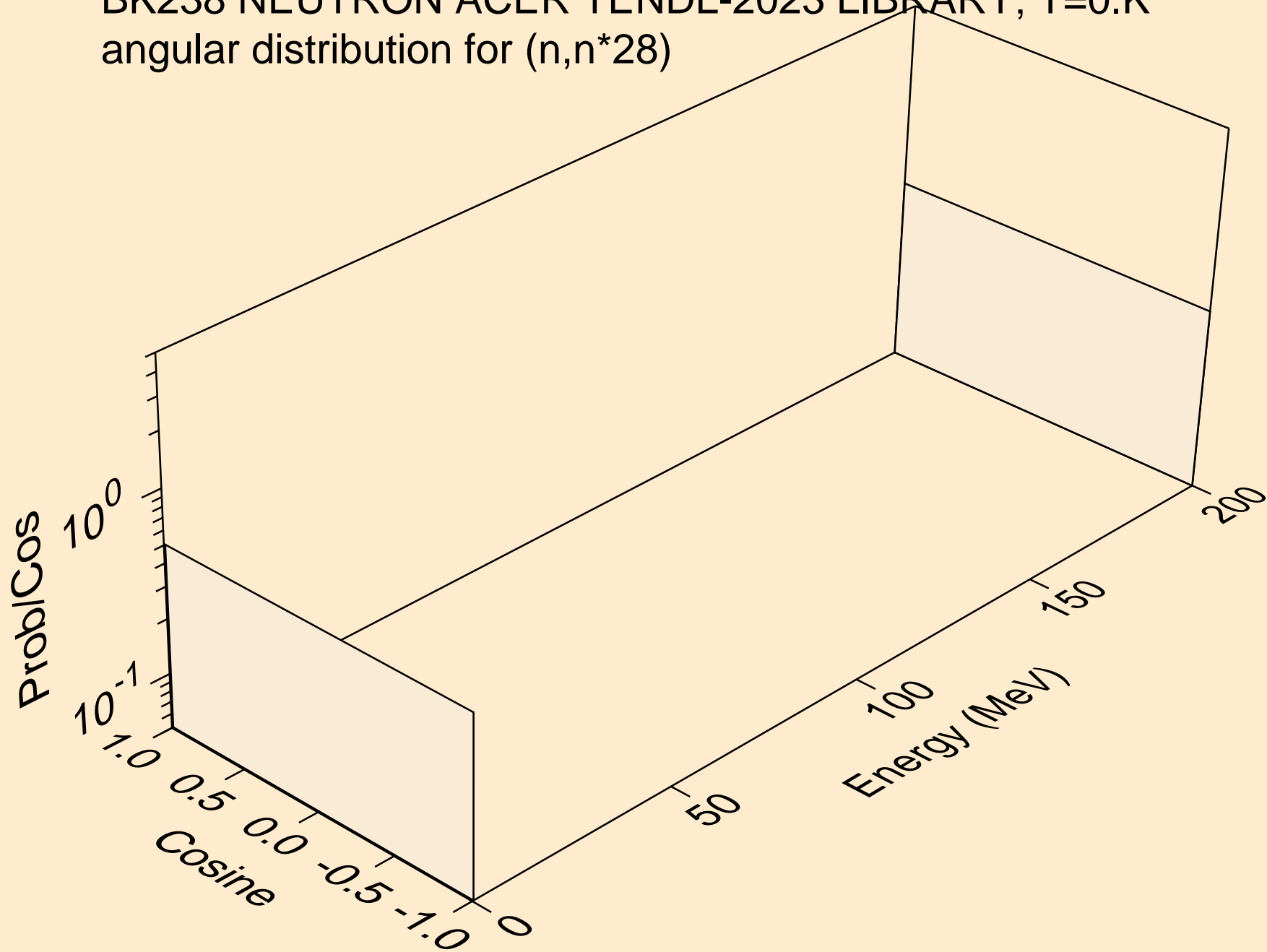
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)

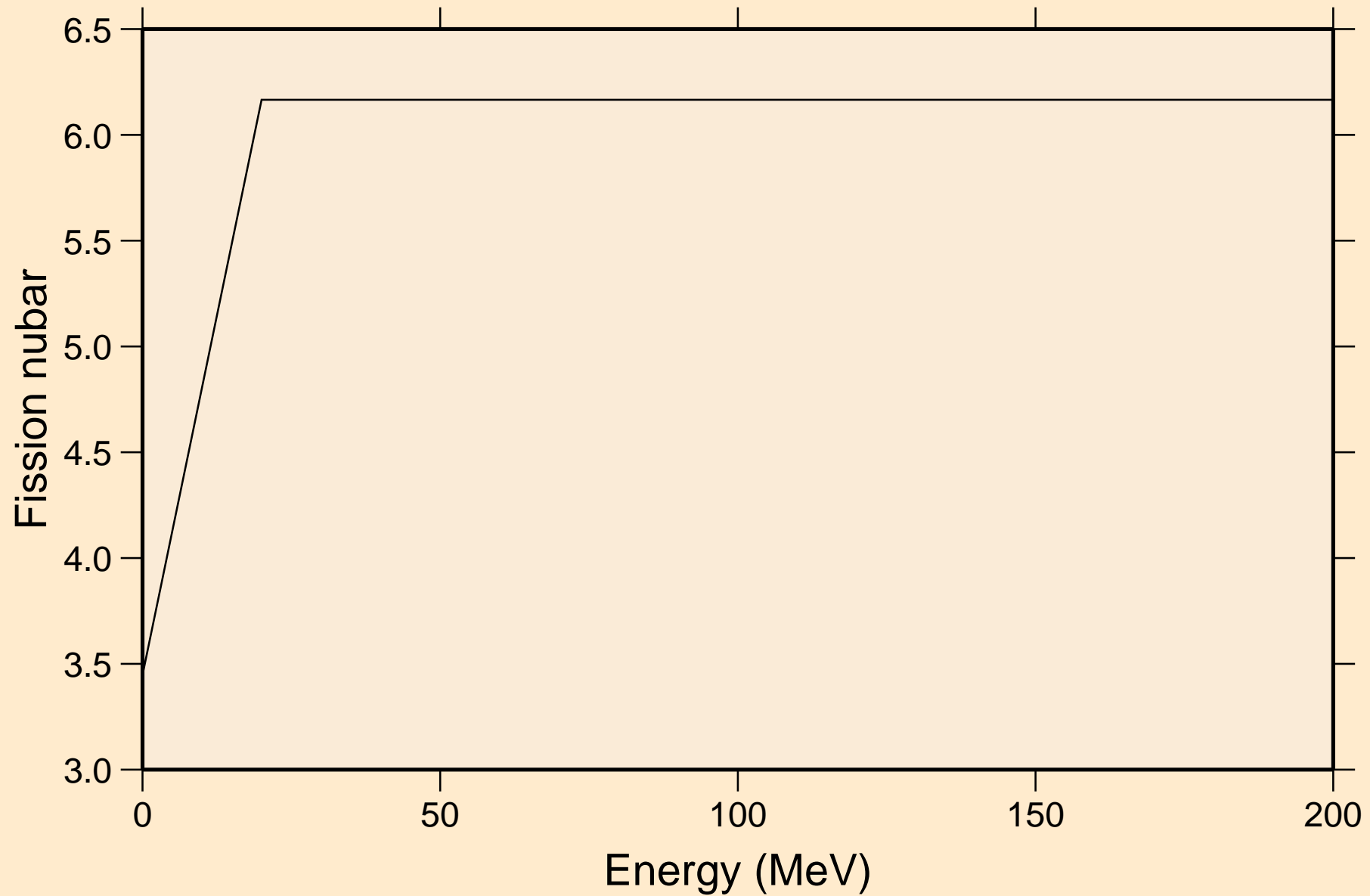


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)

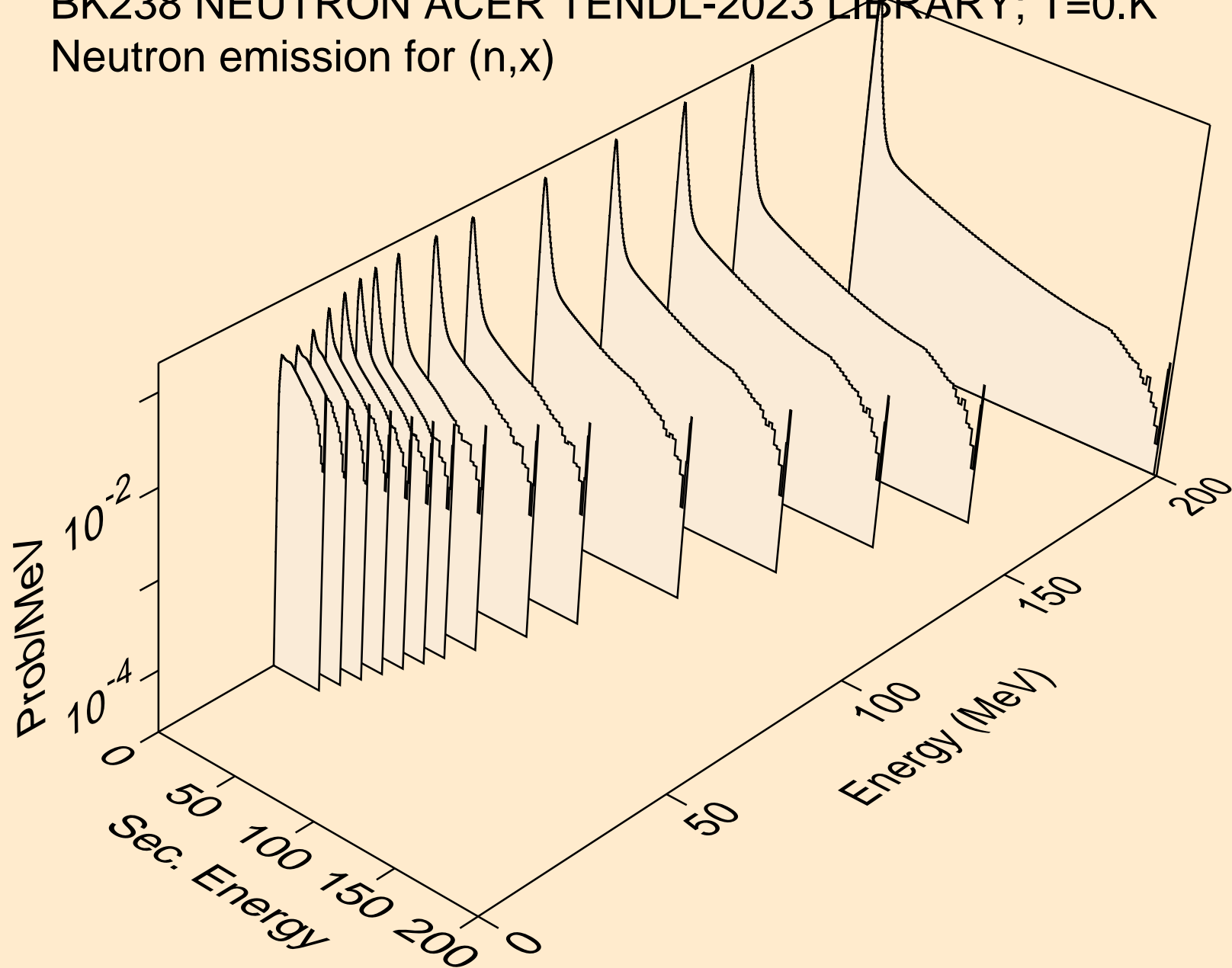


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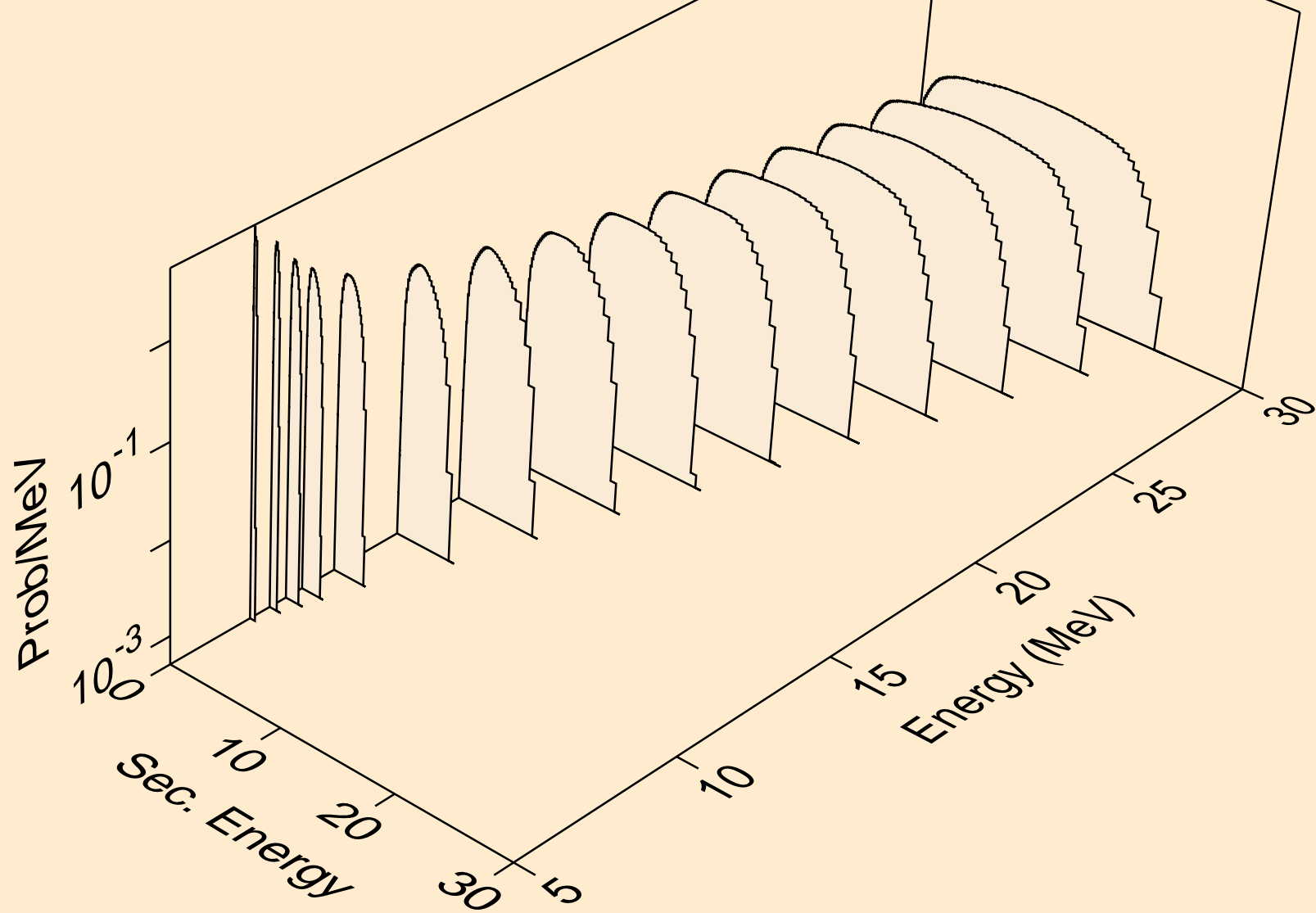
Total fission nubar



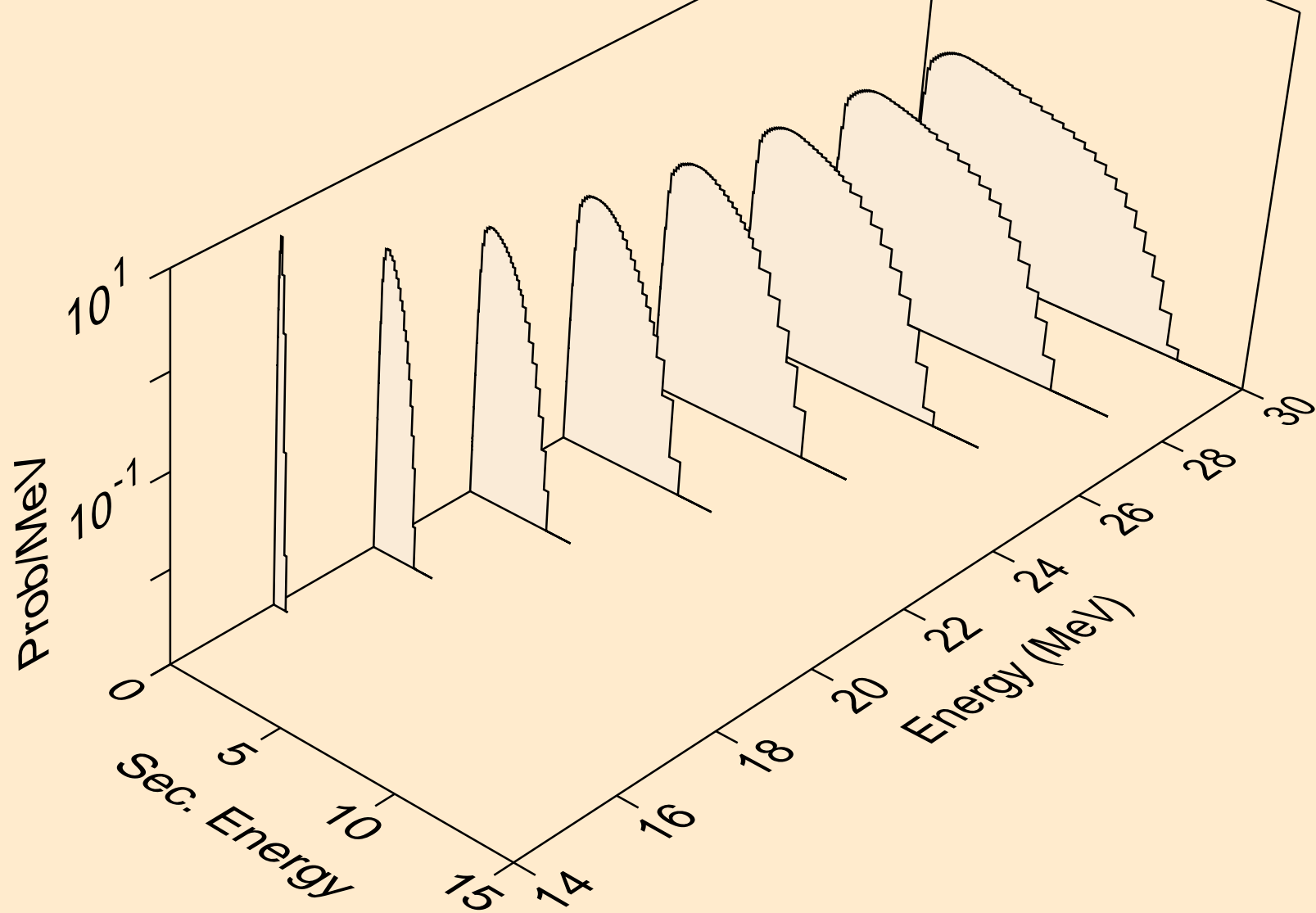
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



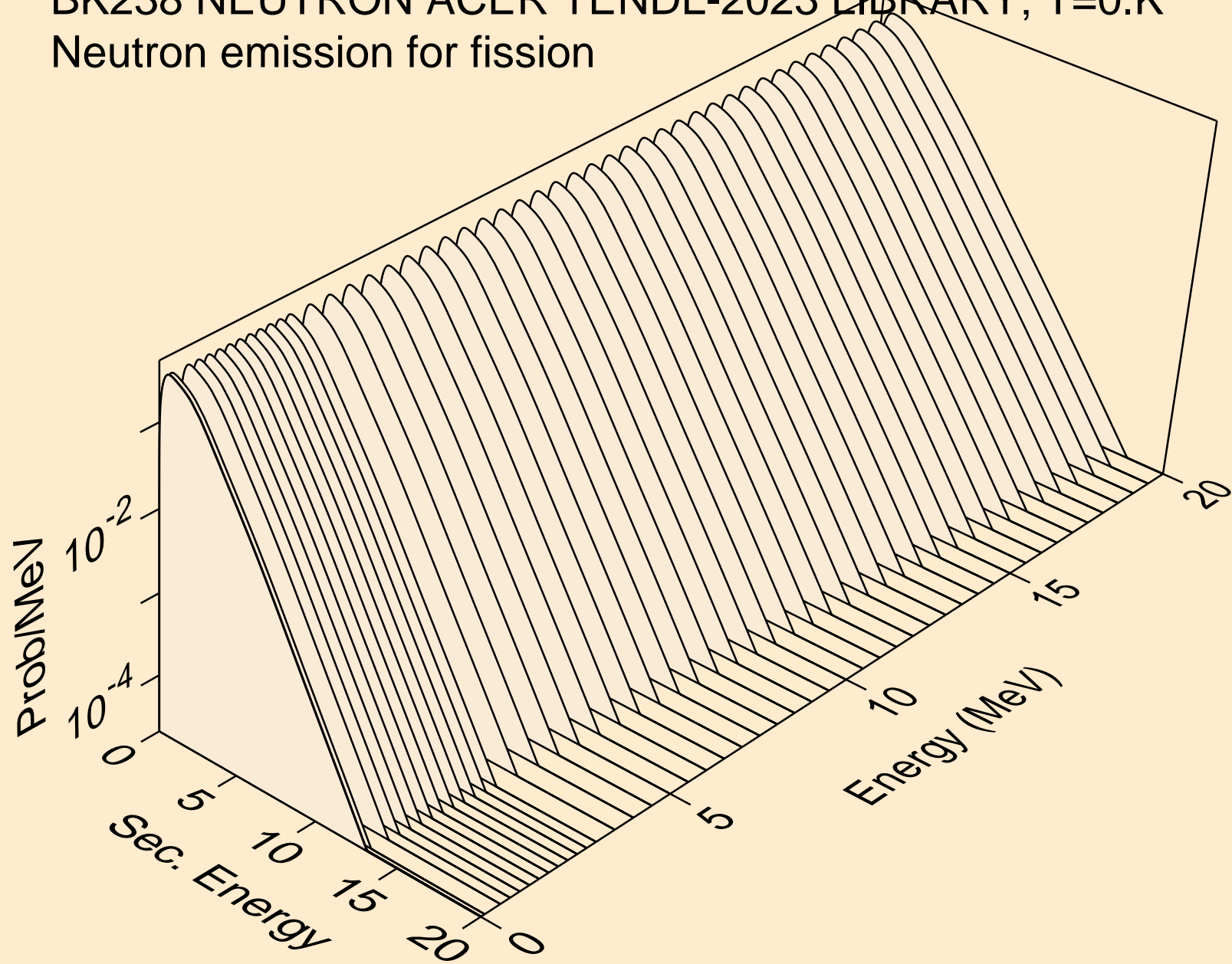
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



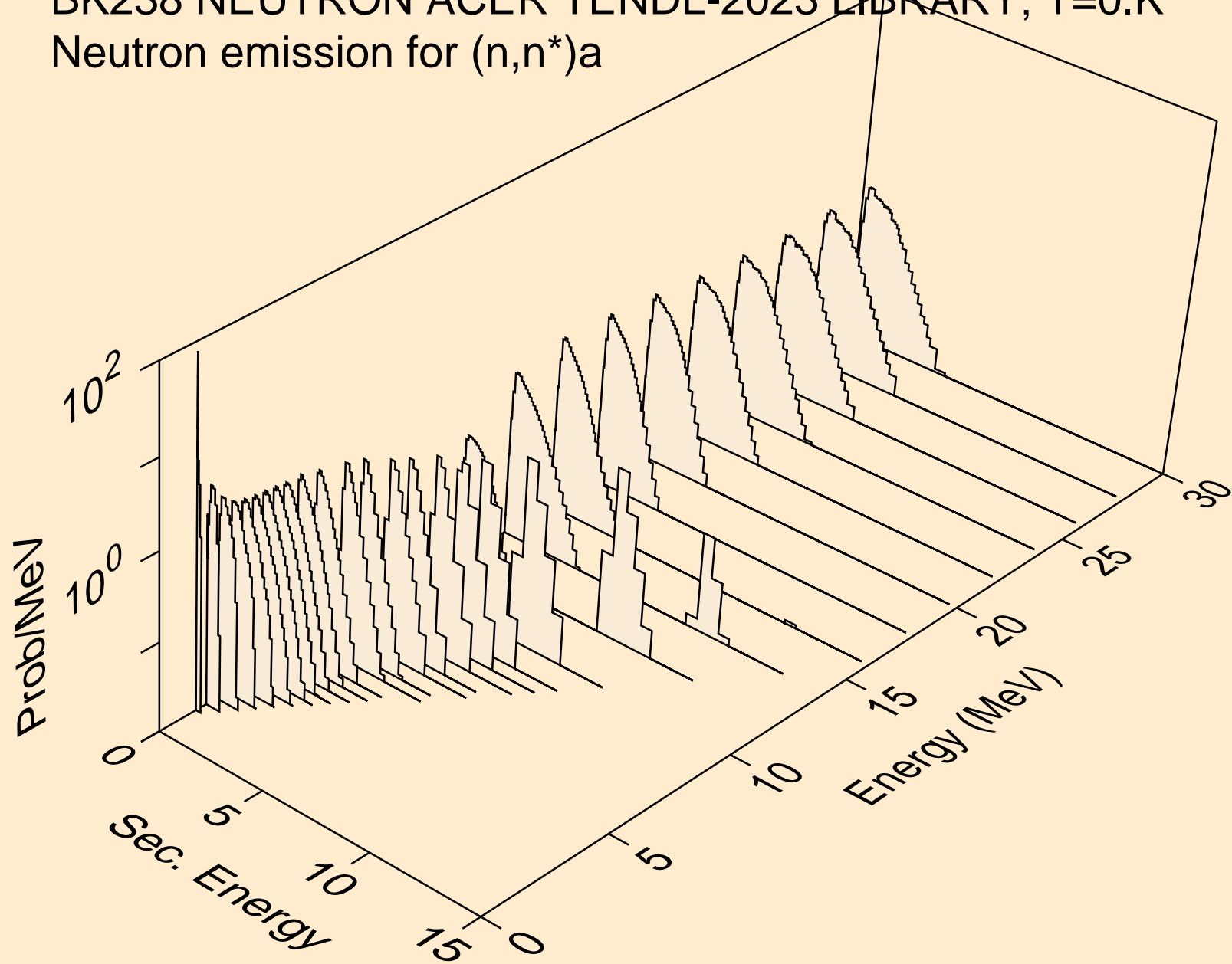
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



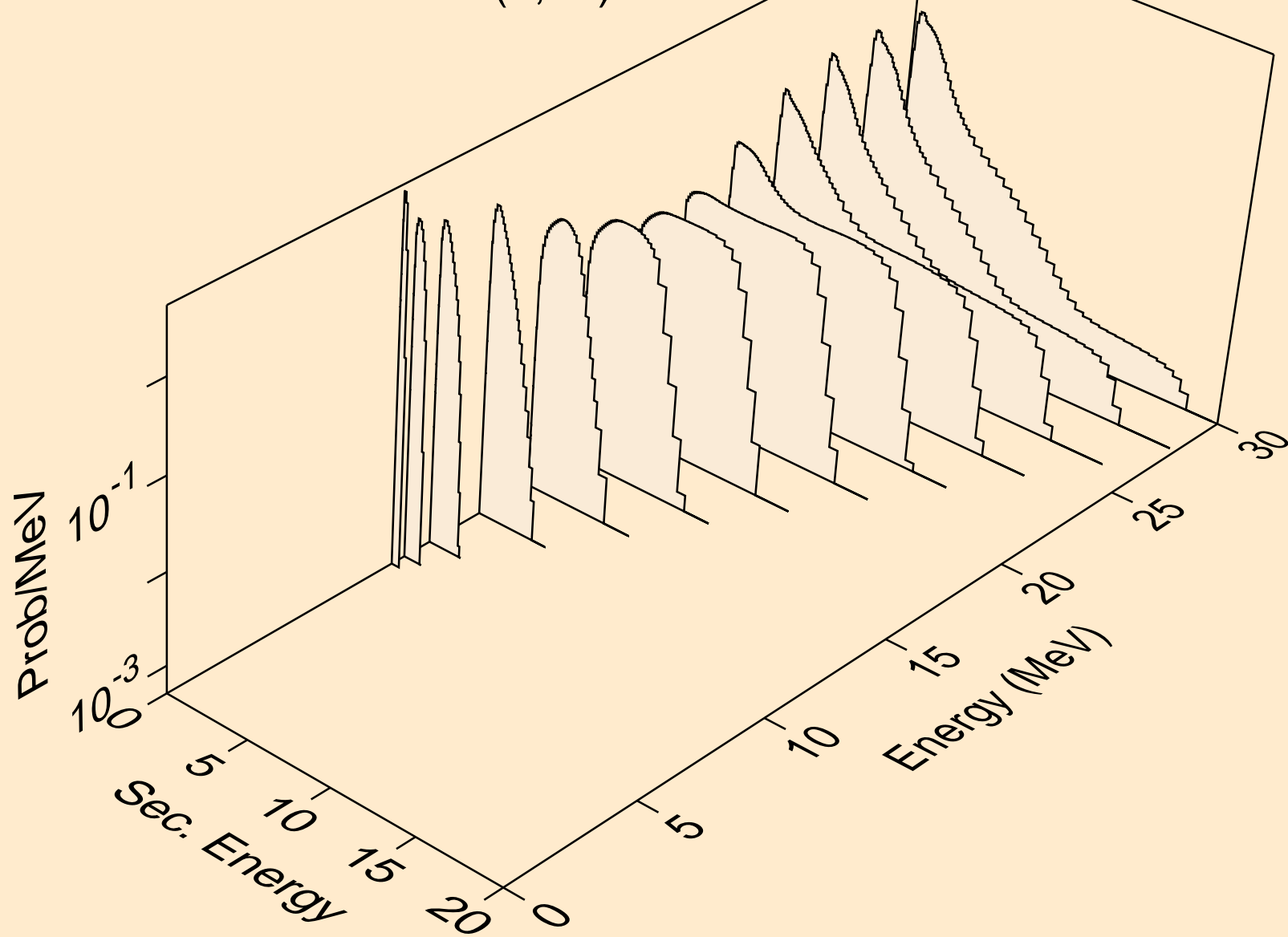
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



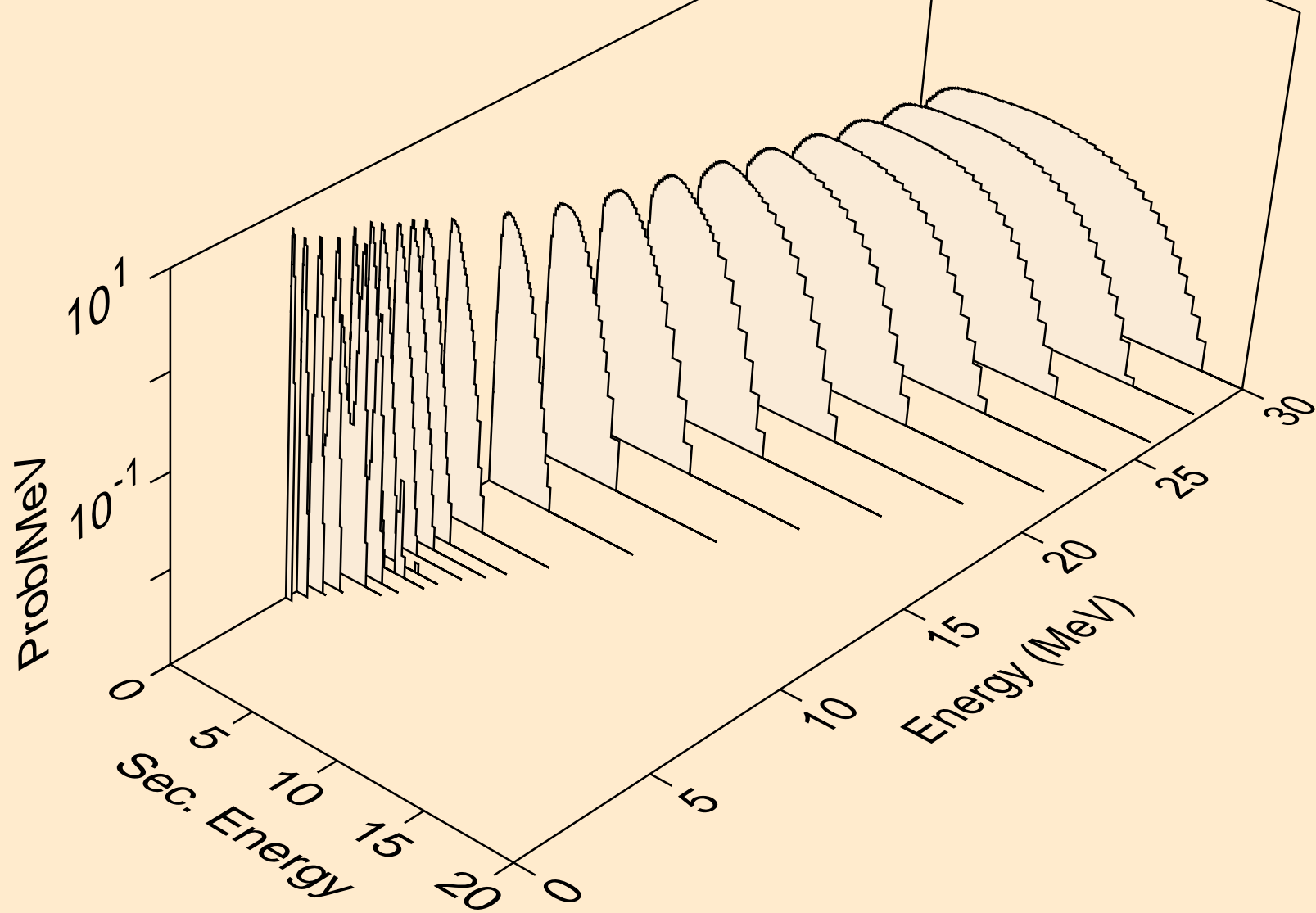
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



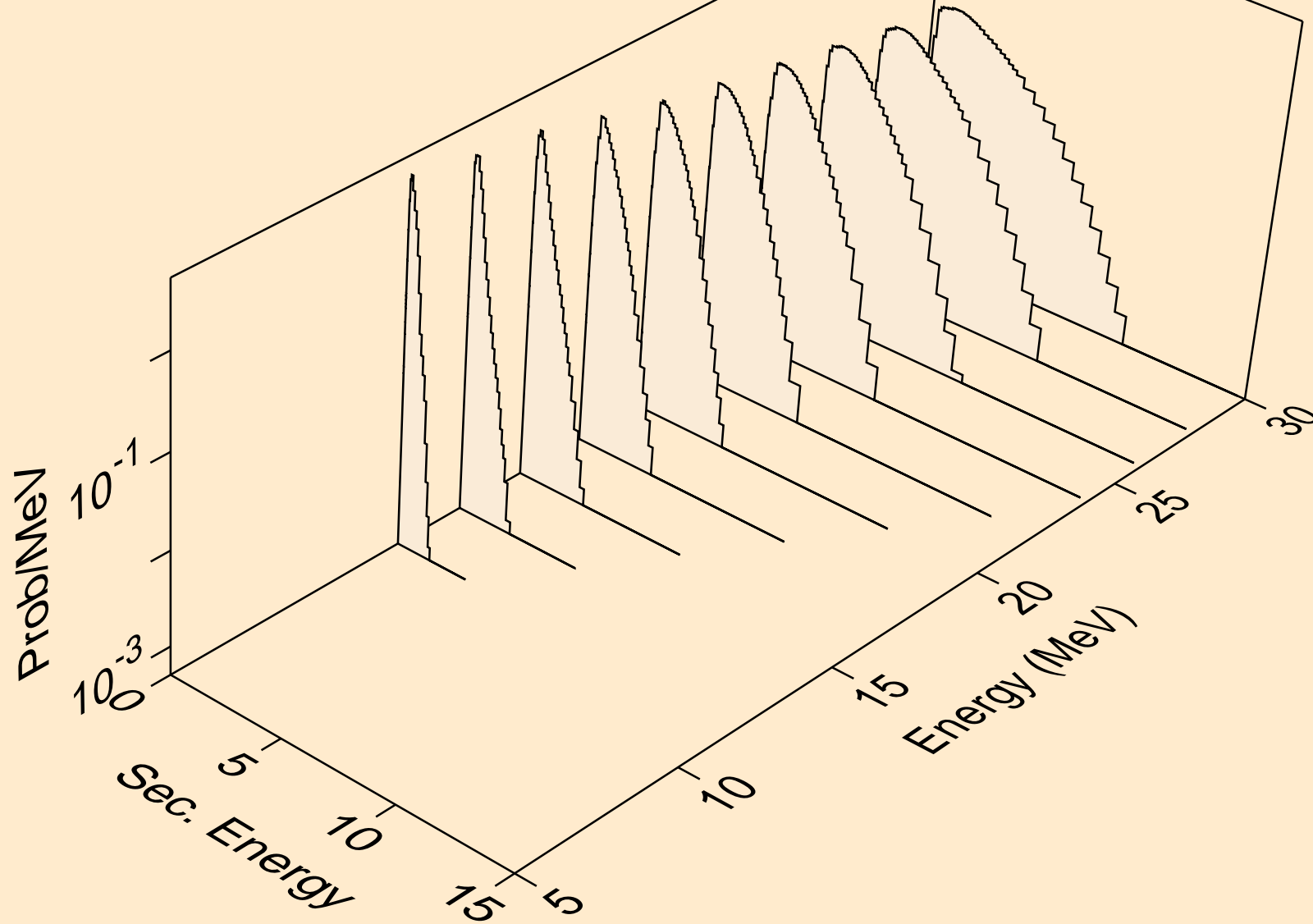
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



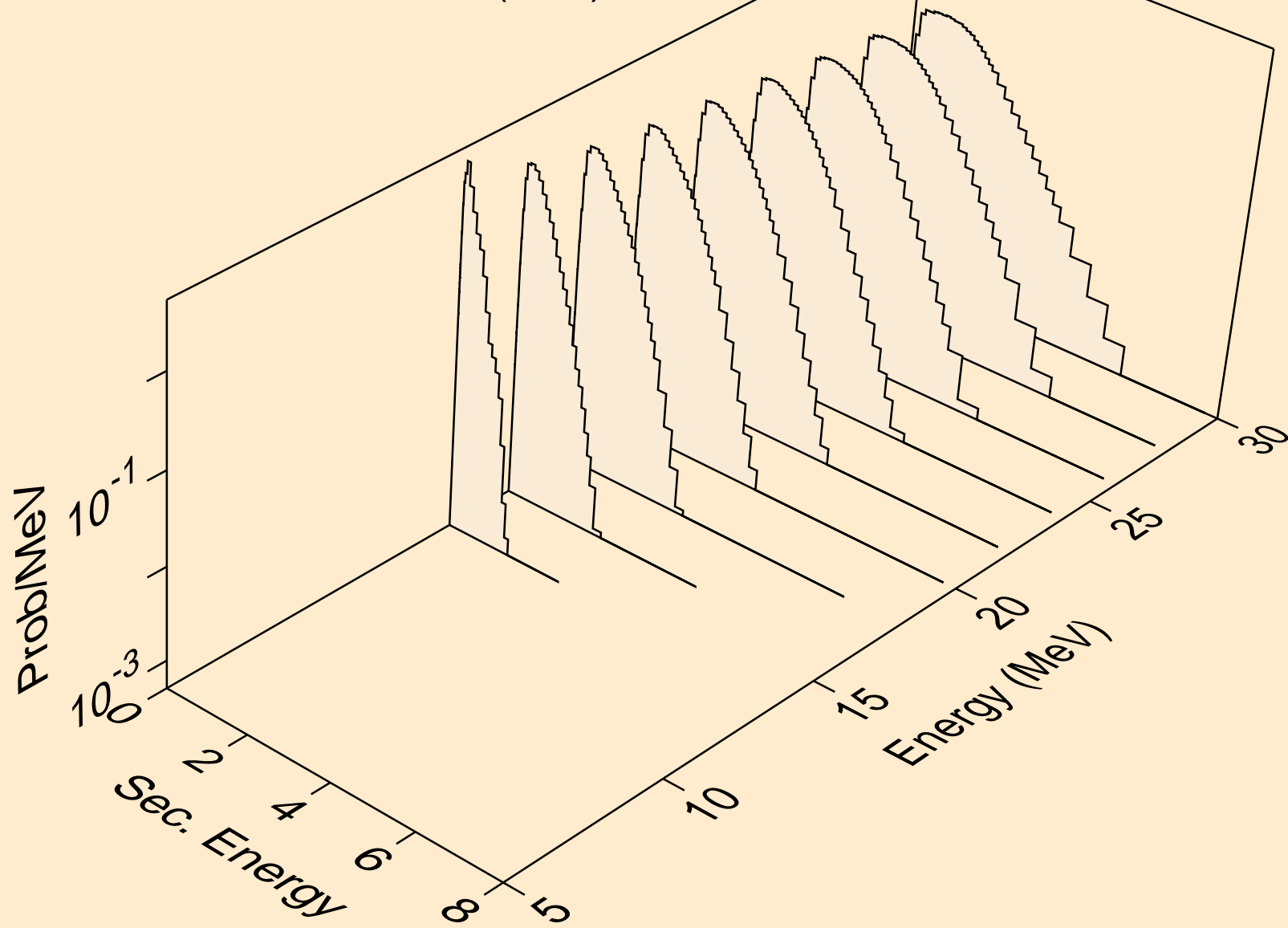
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



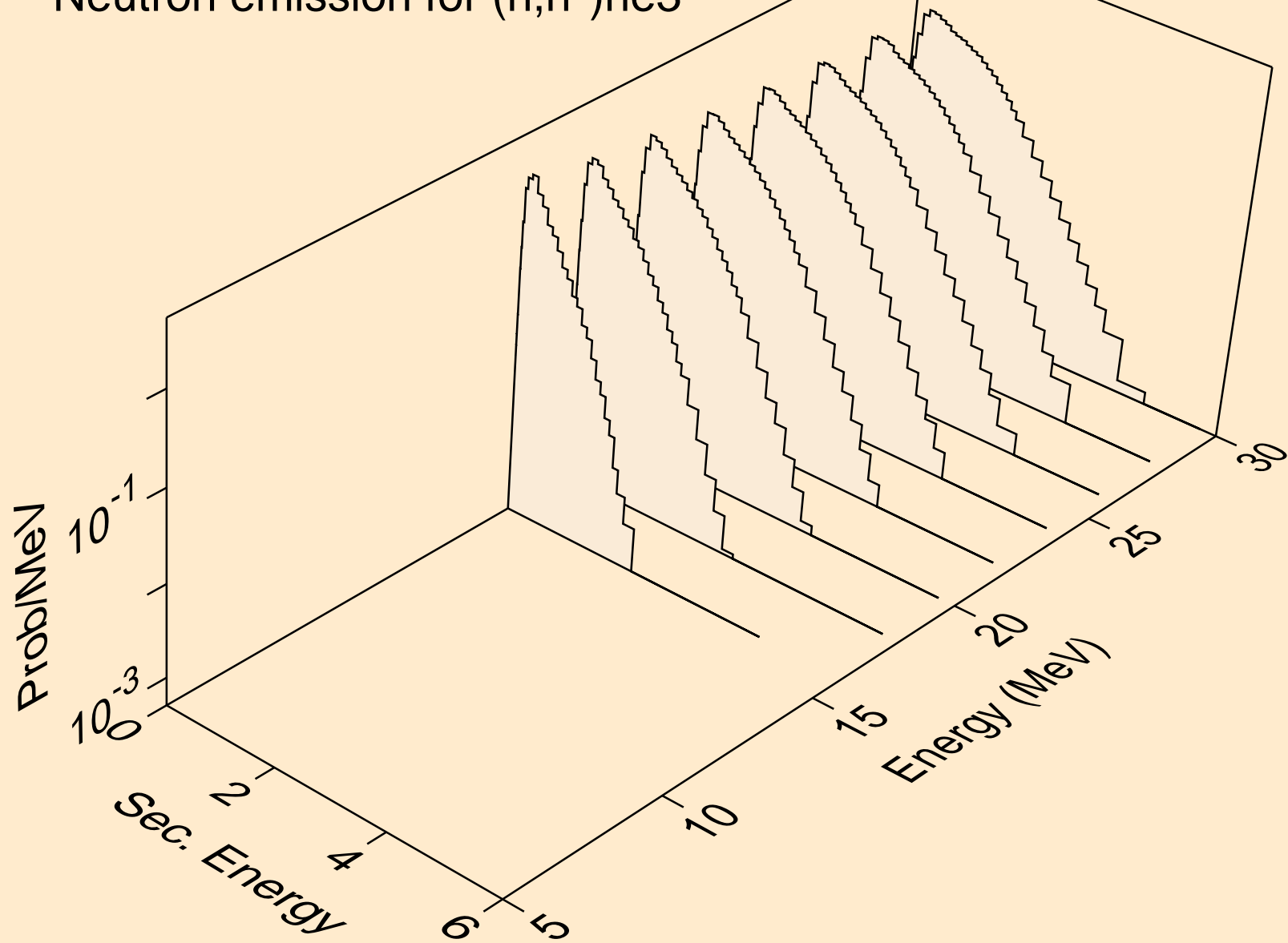
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



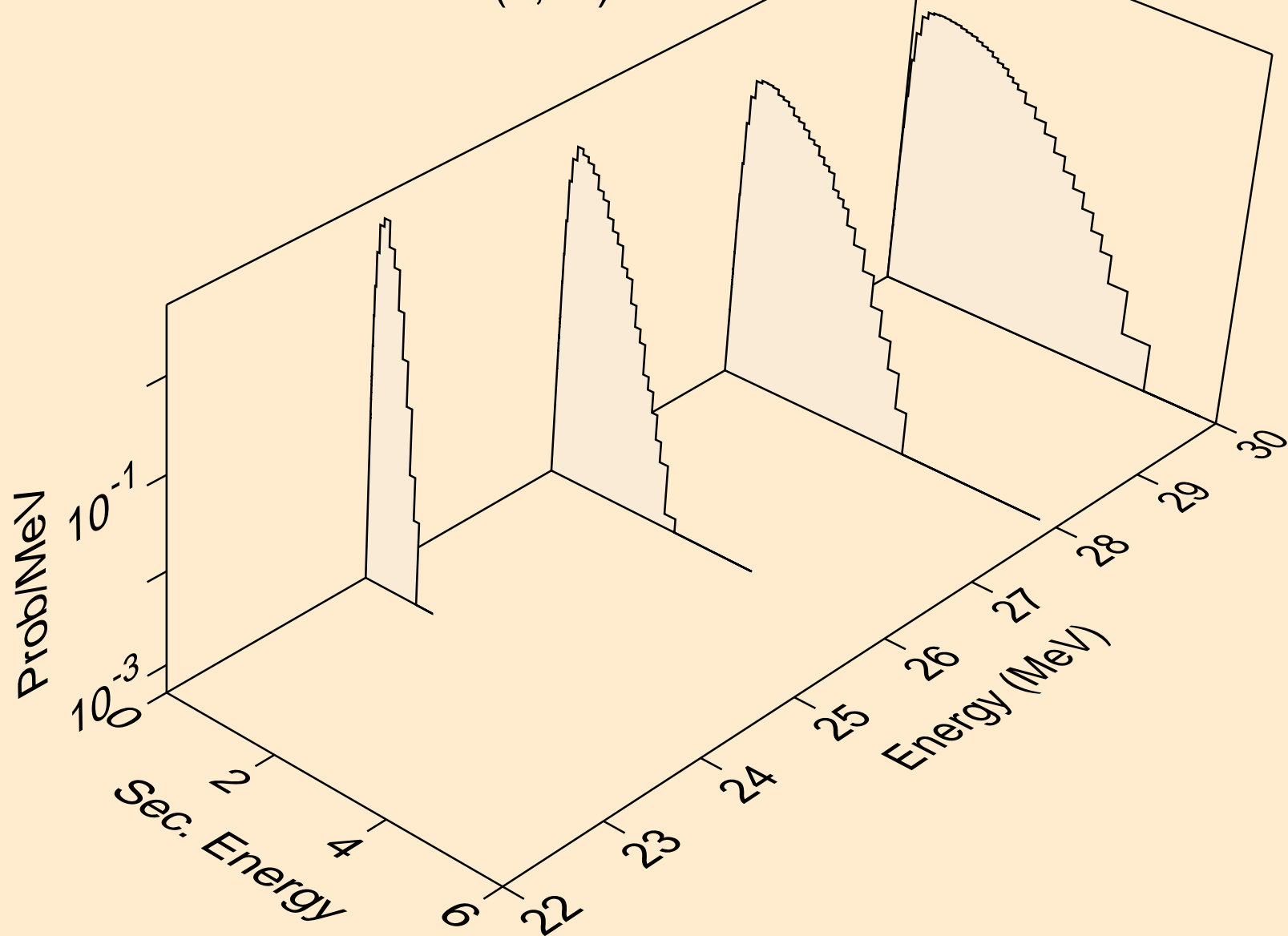
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



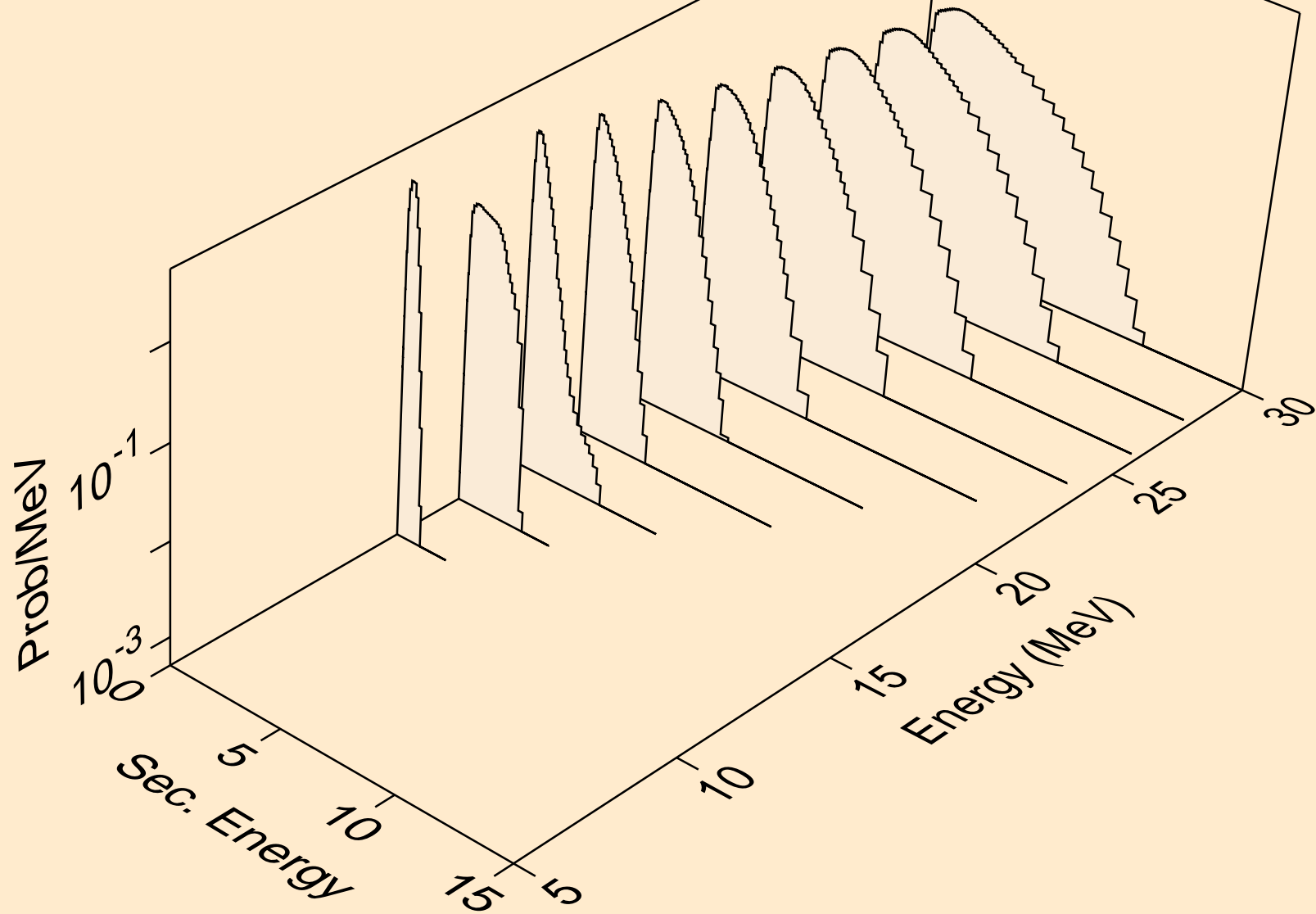
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



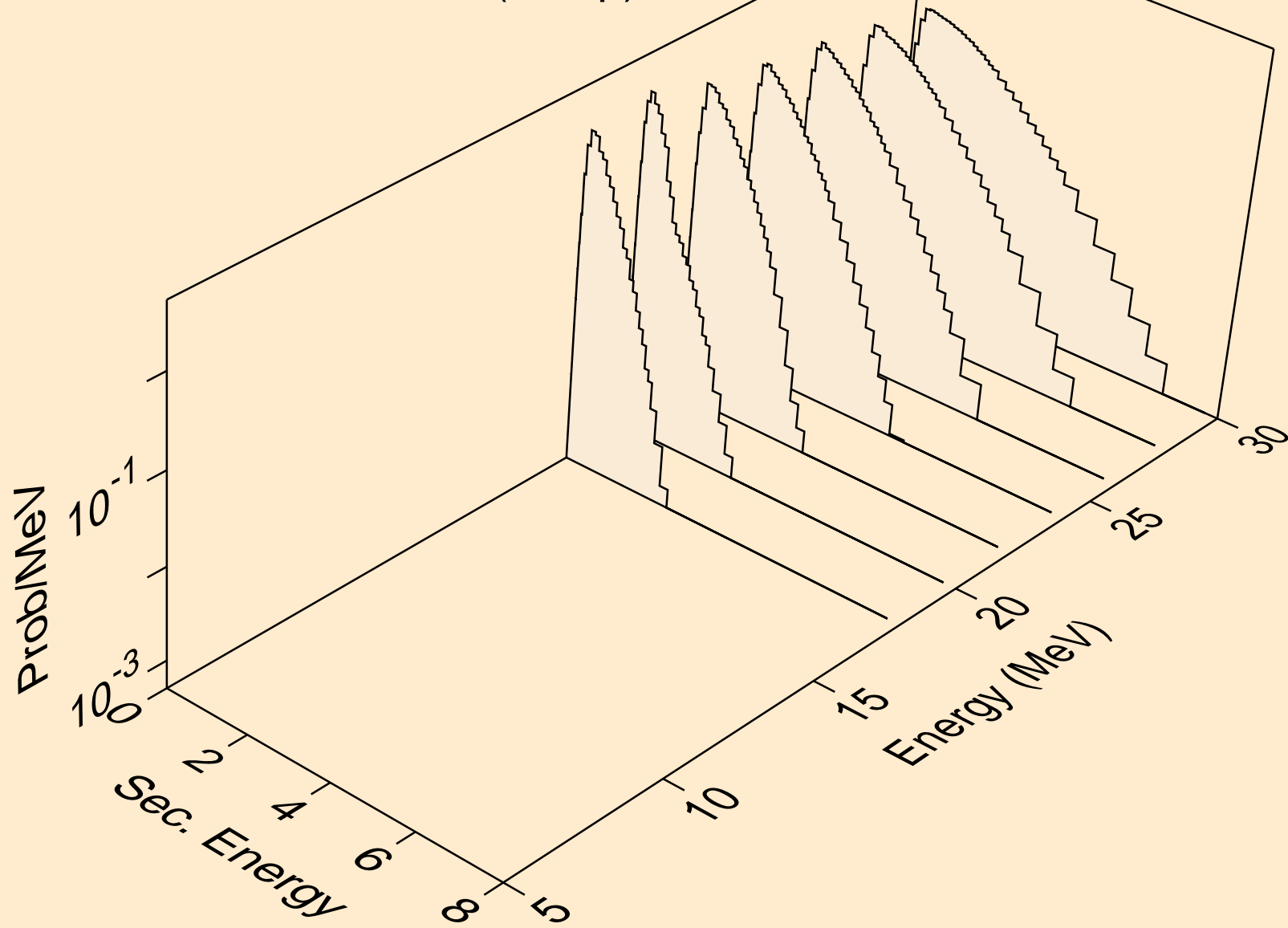
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



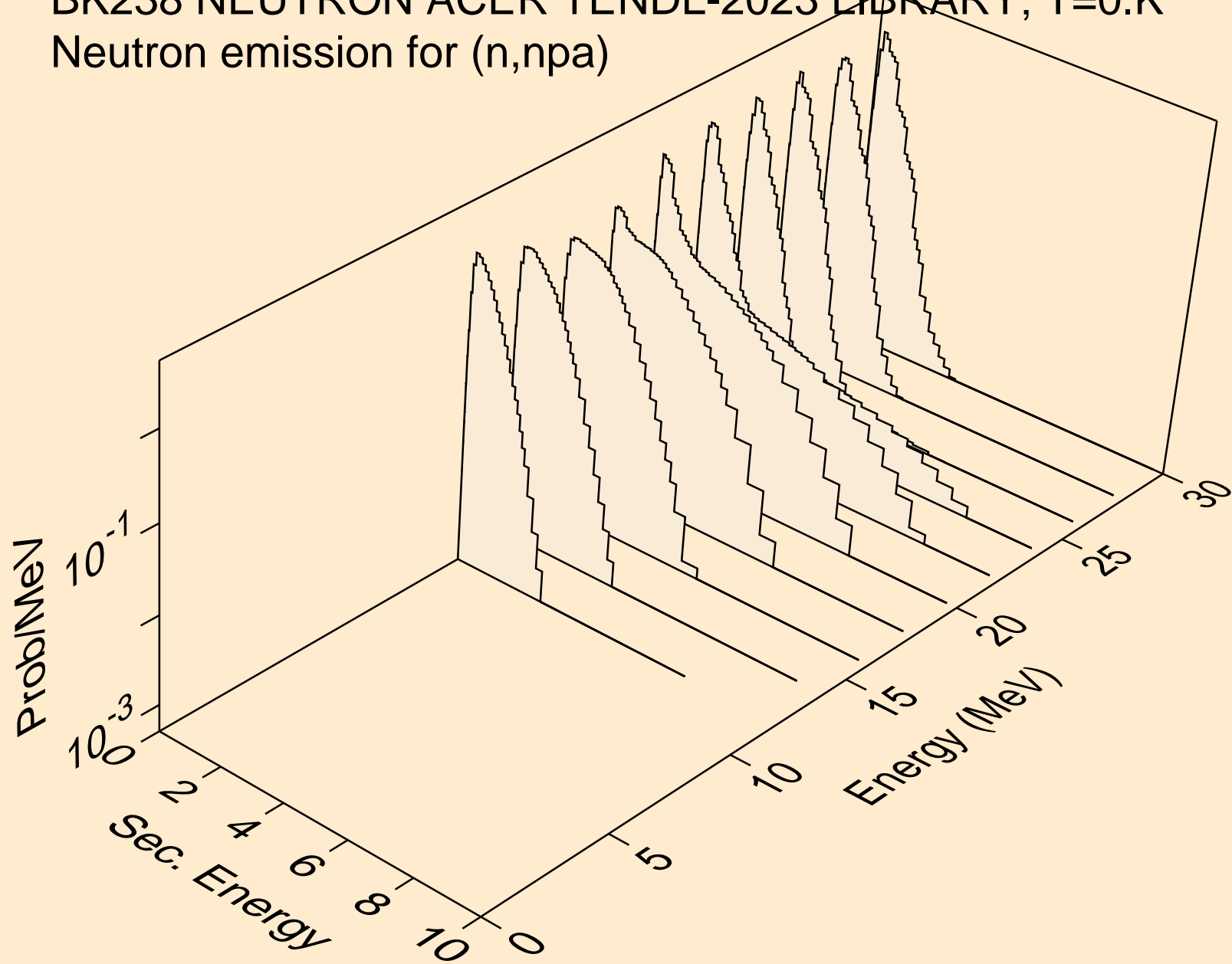
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



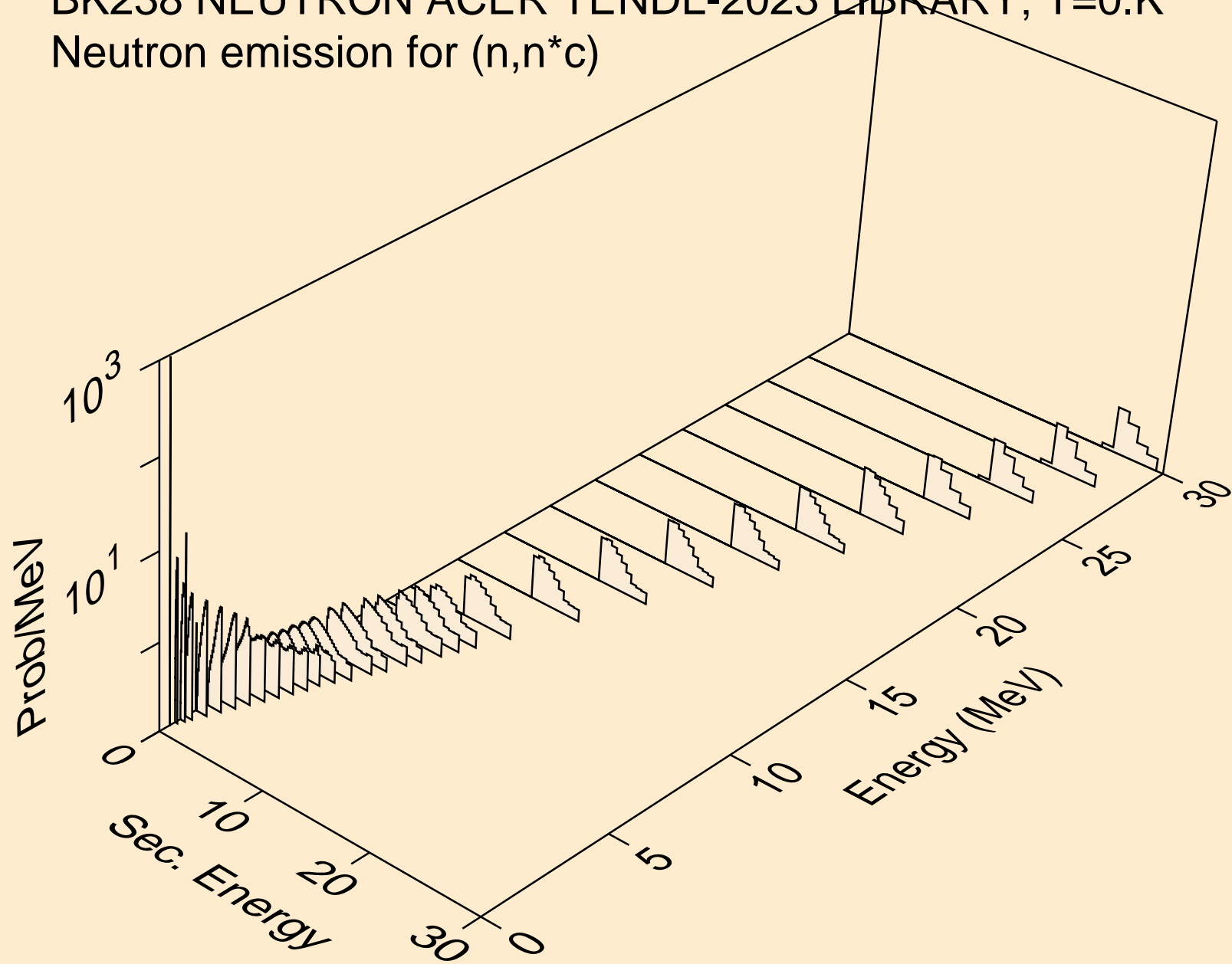
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

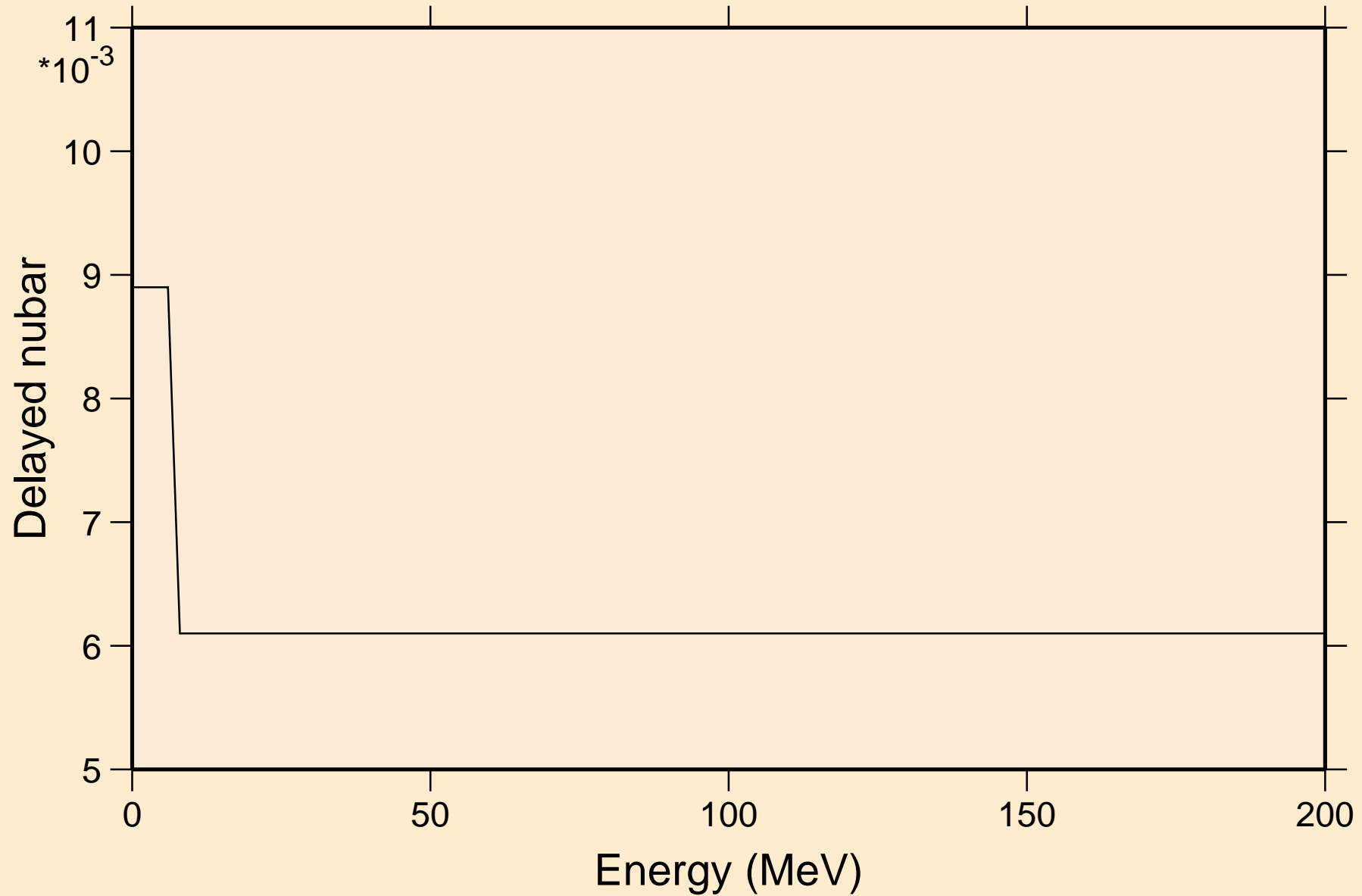


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



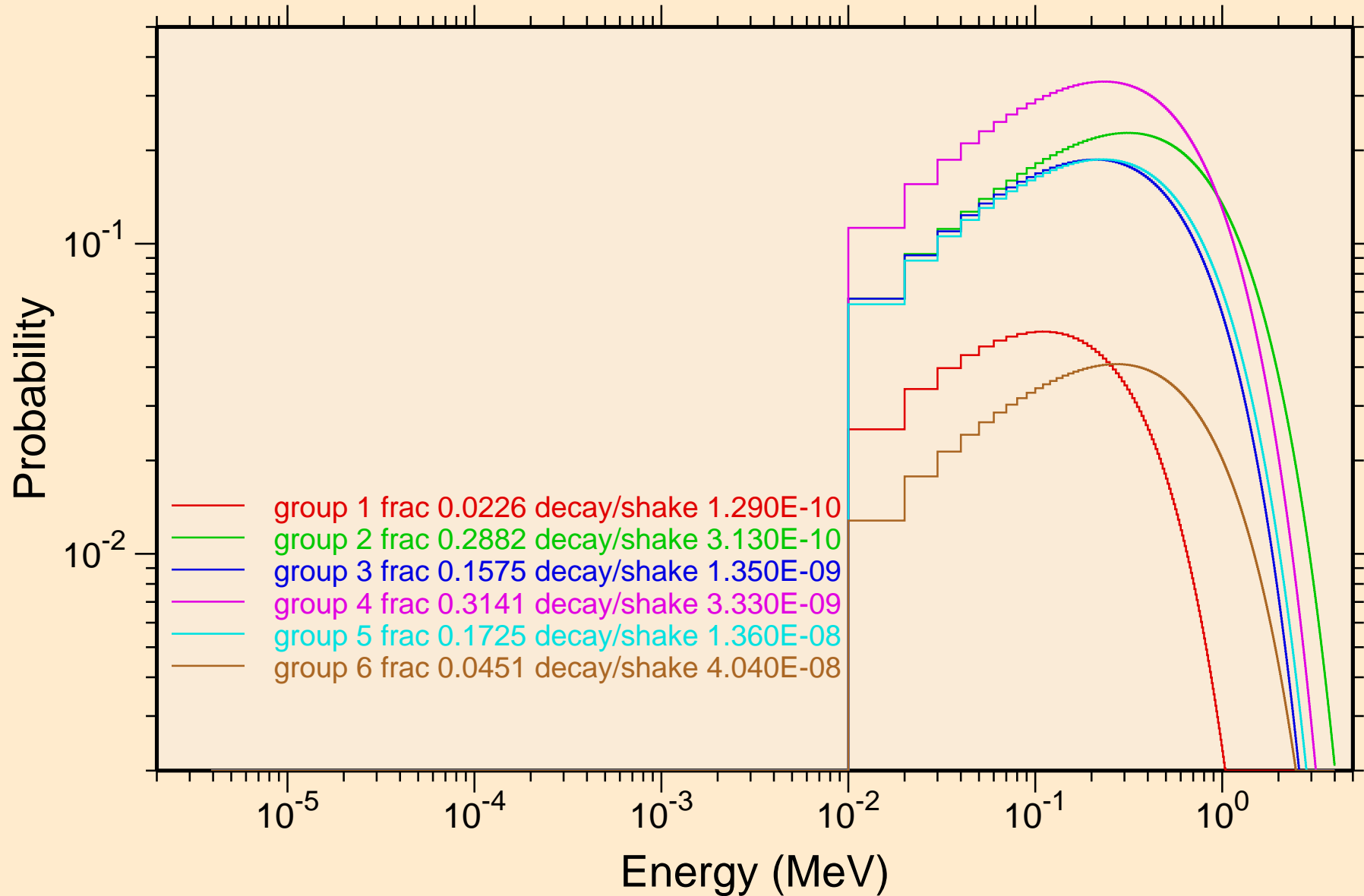
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

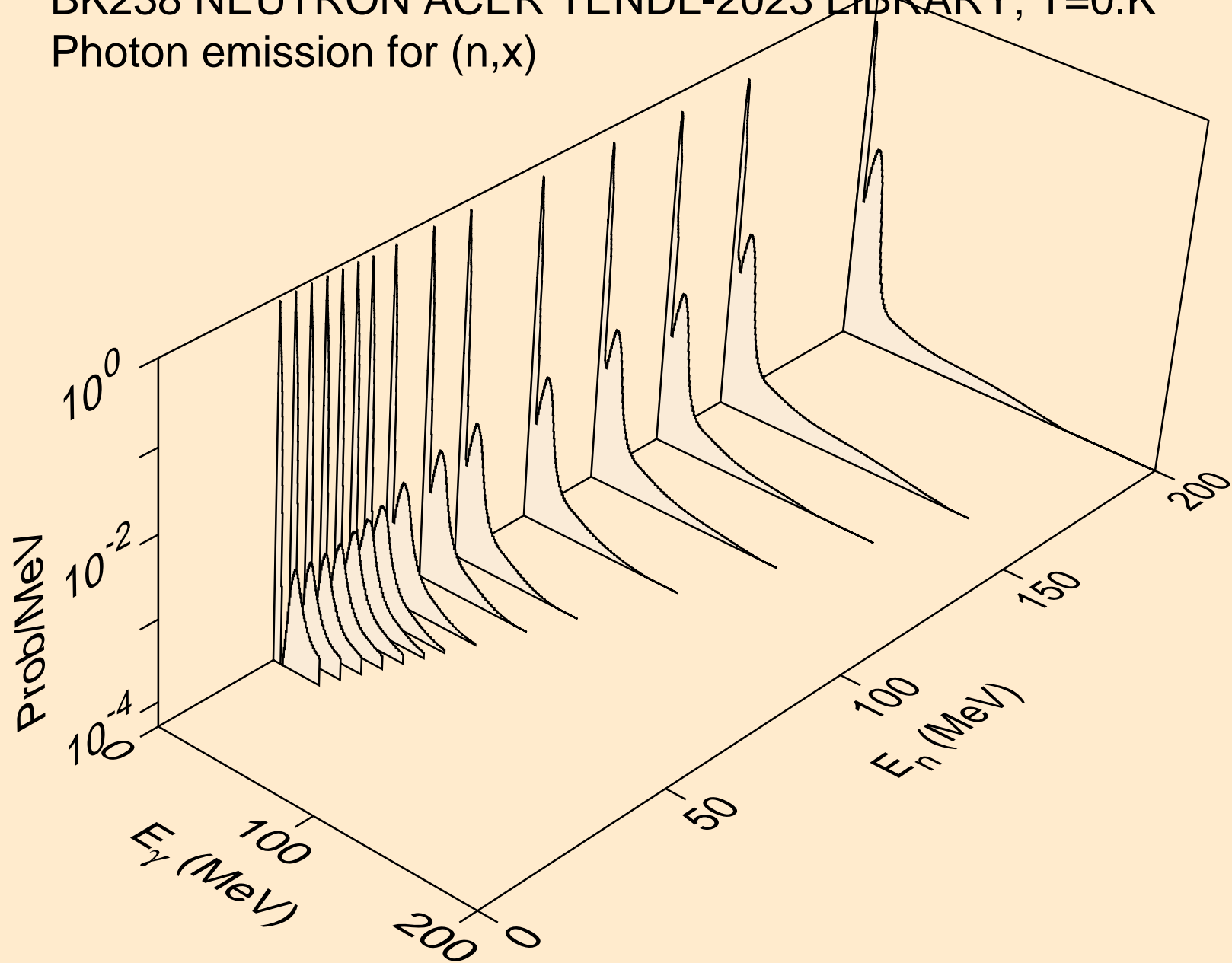


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

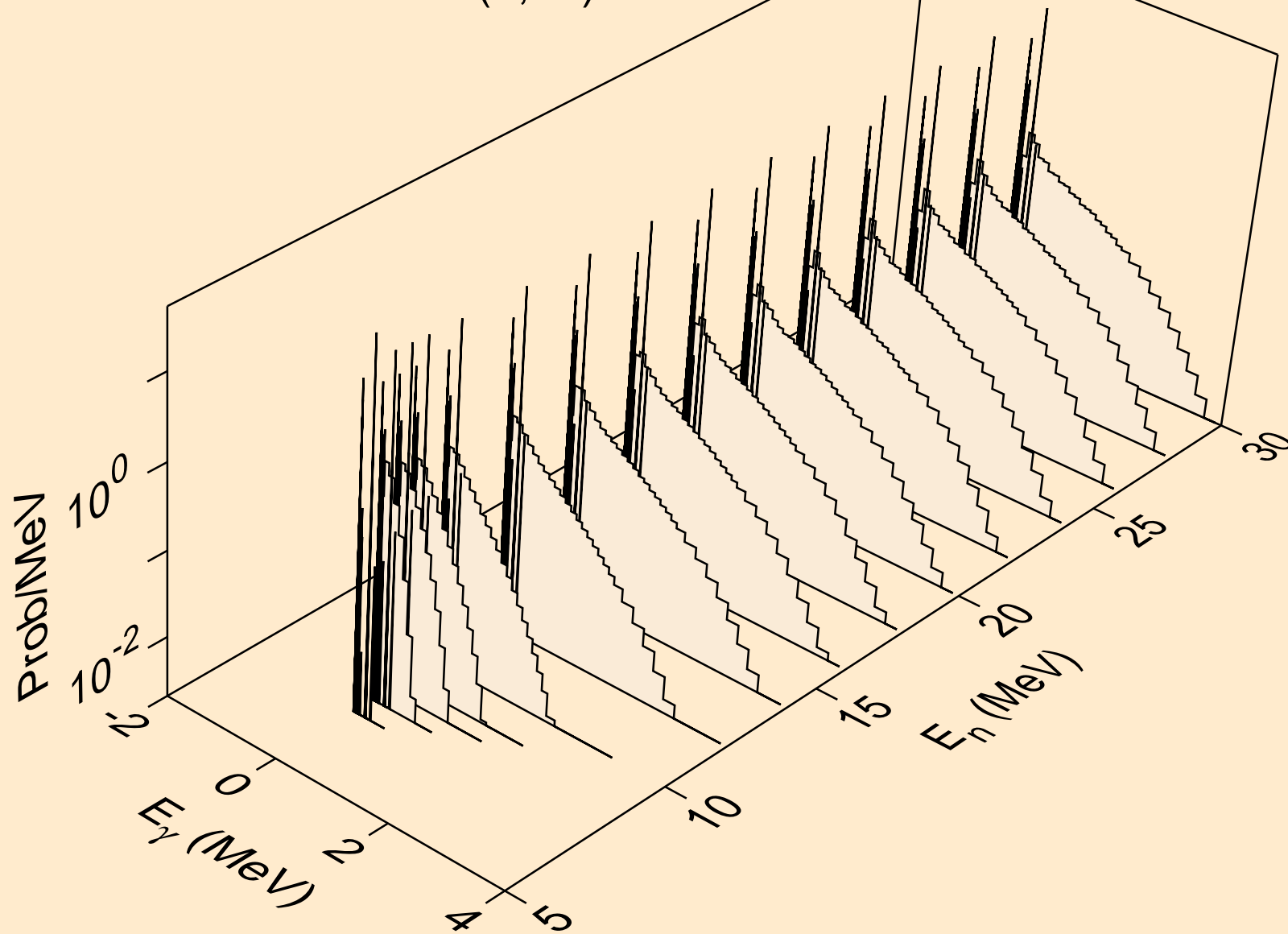
Delayed neutron spectra



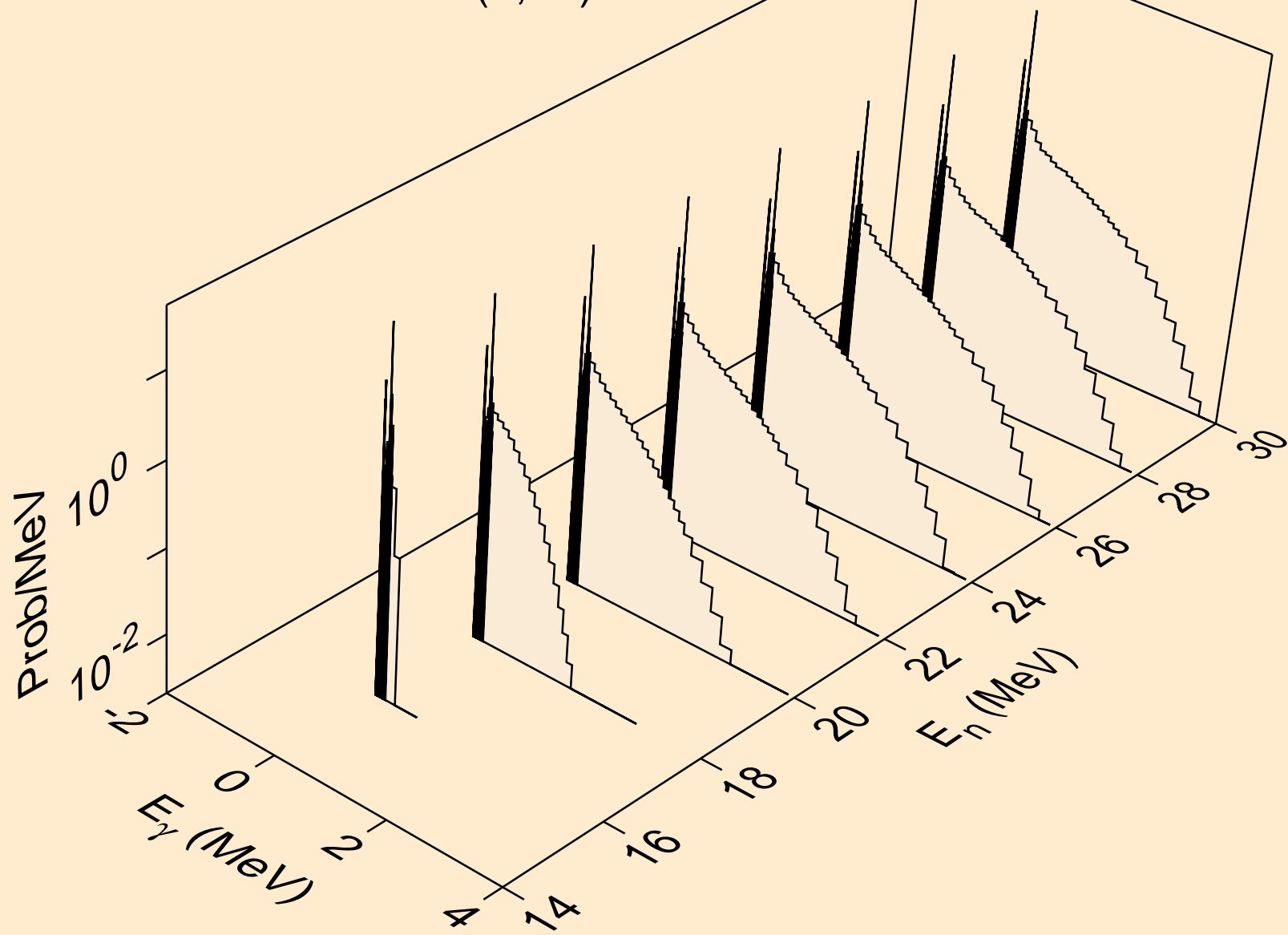
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



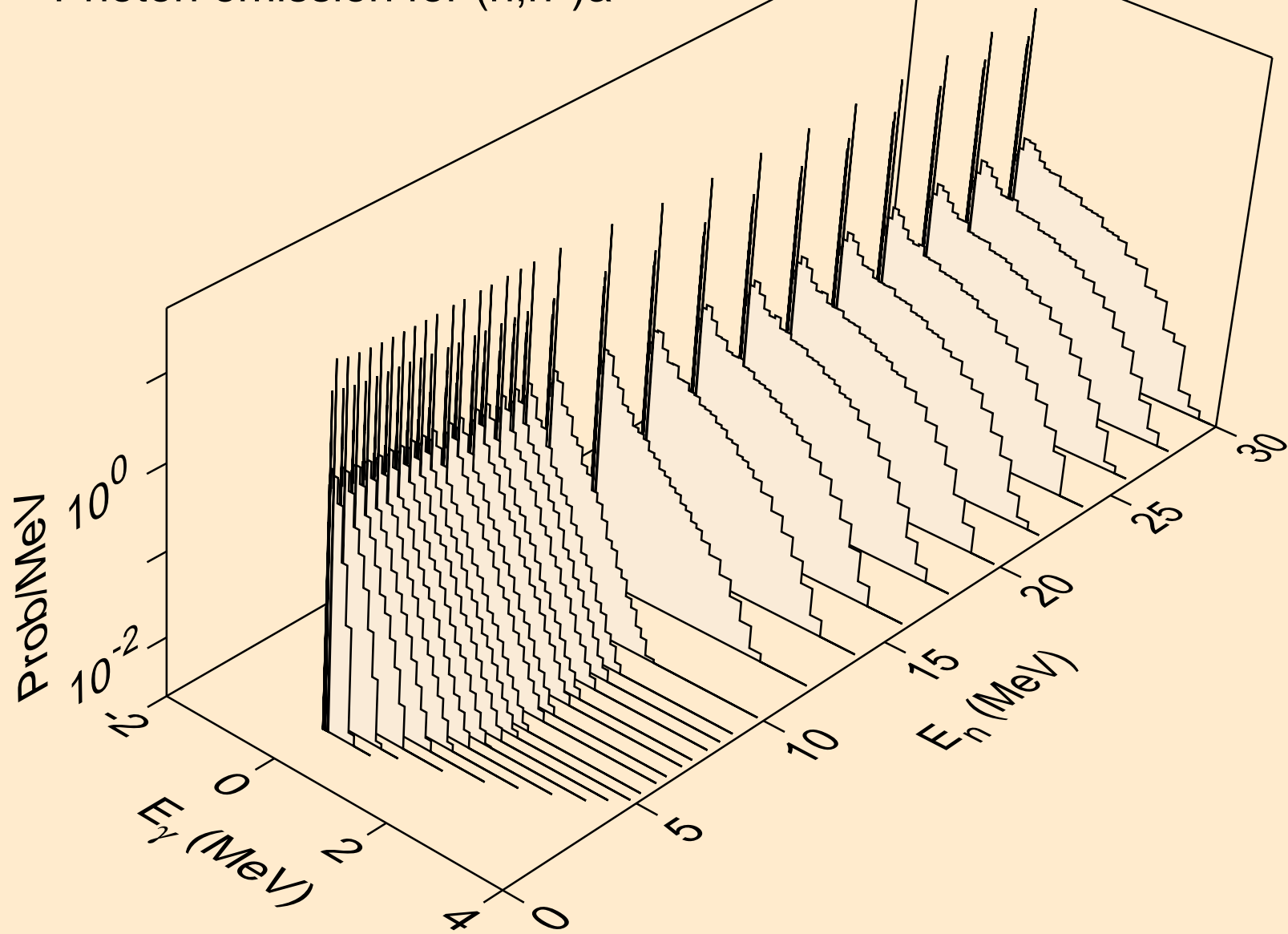
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



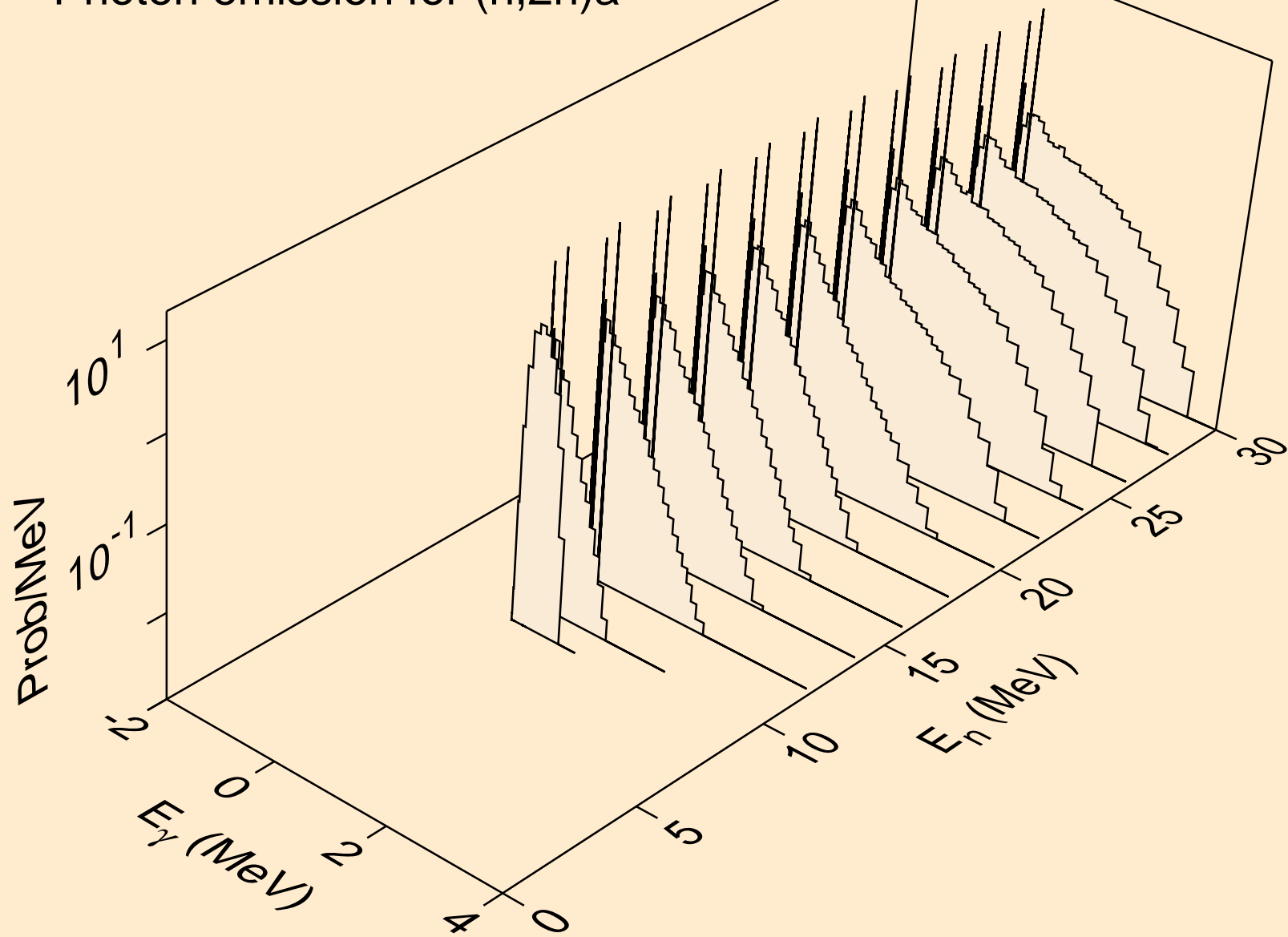
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



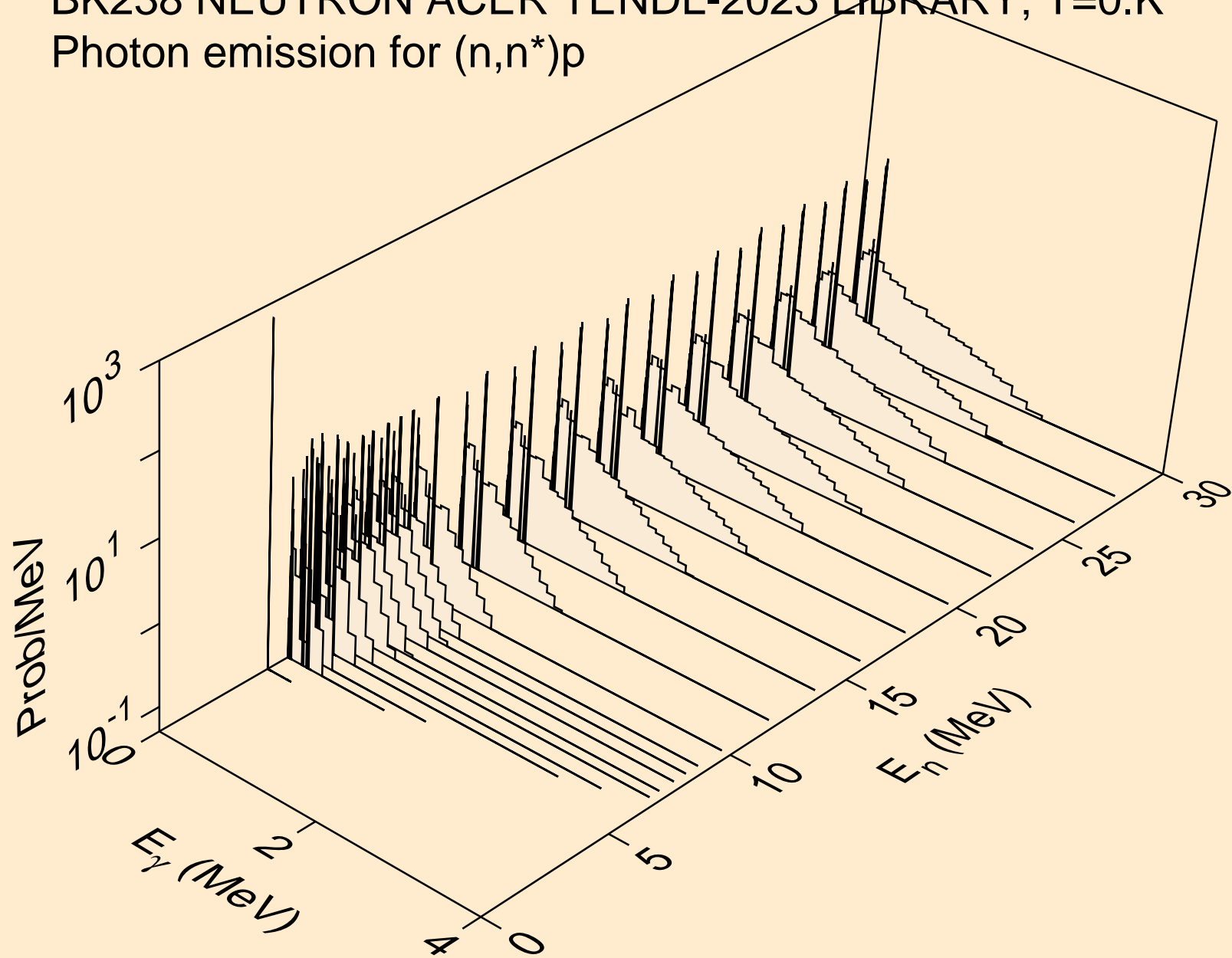
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



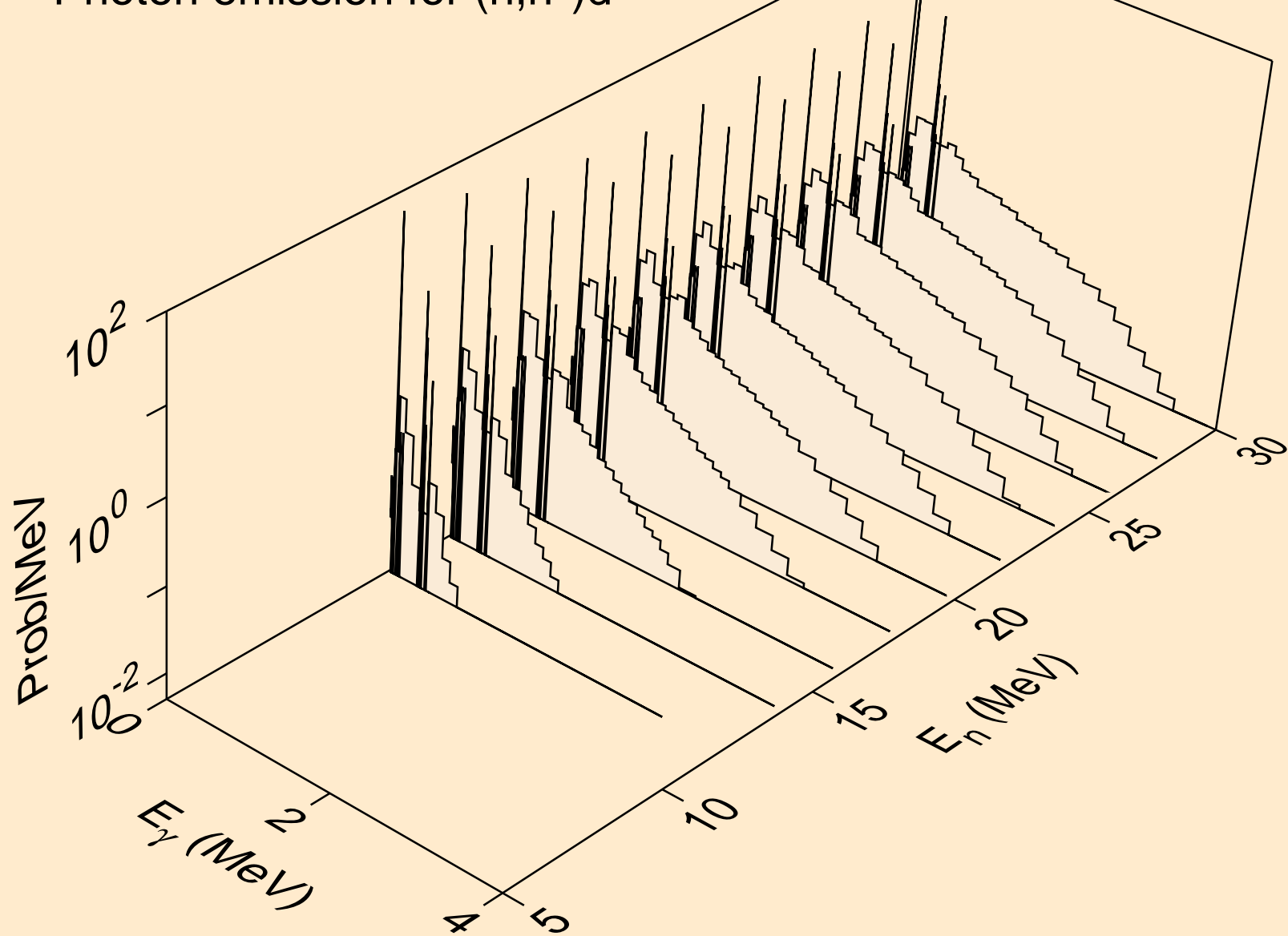
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



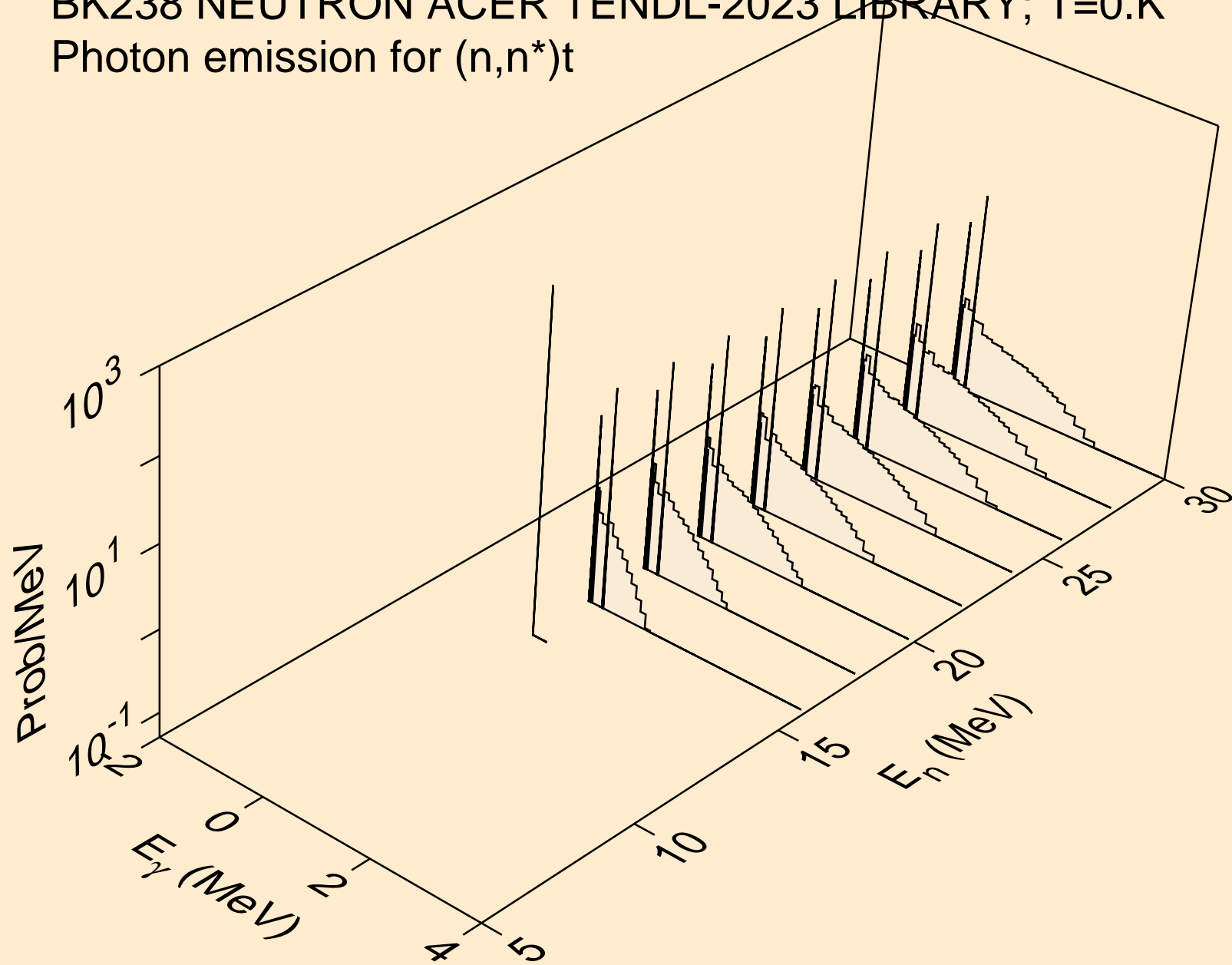
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



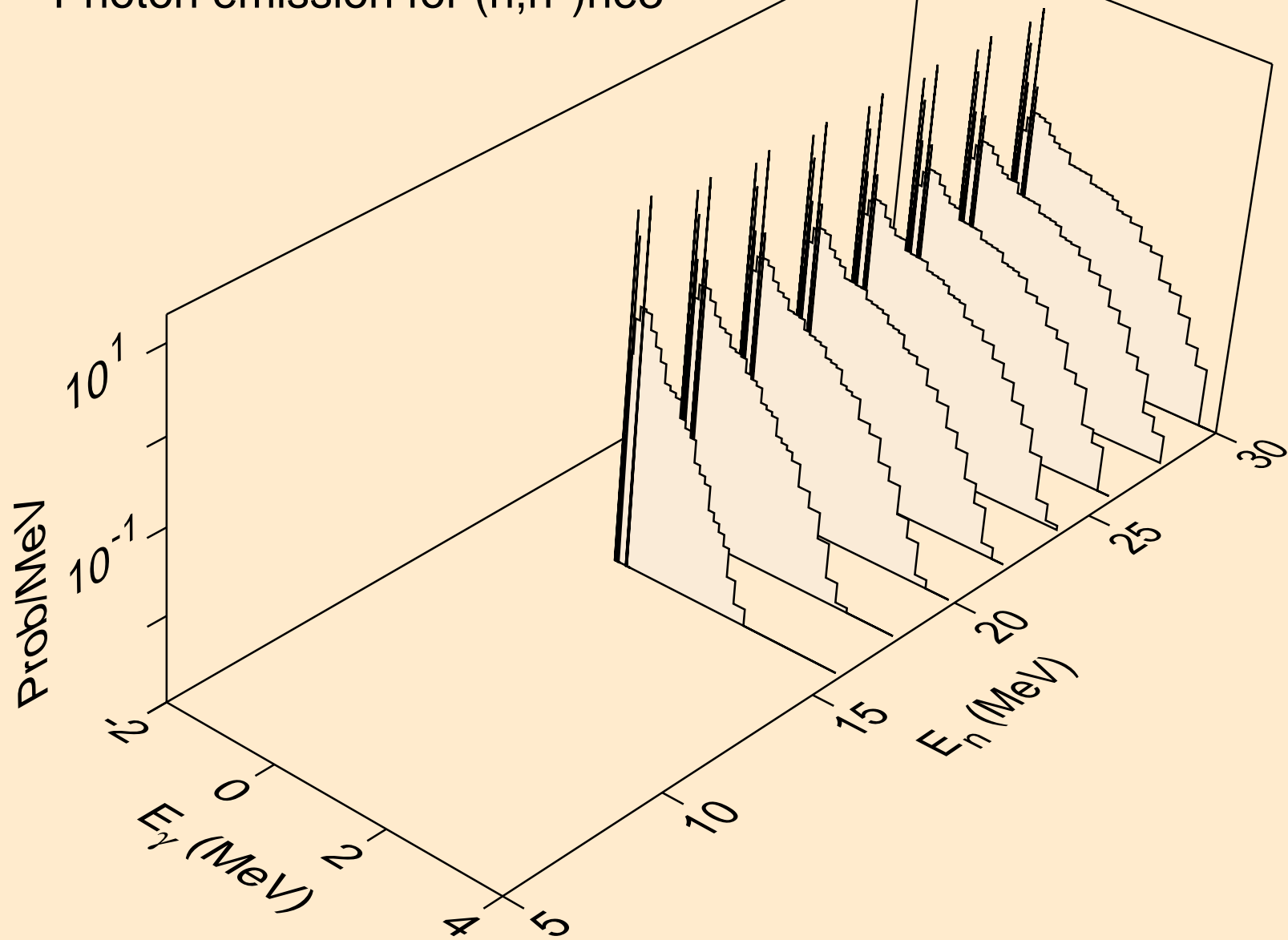
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



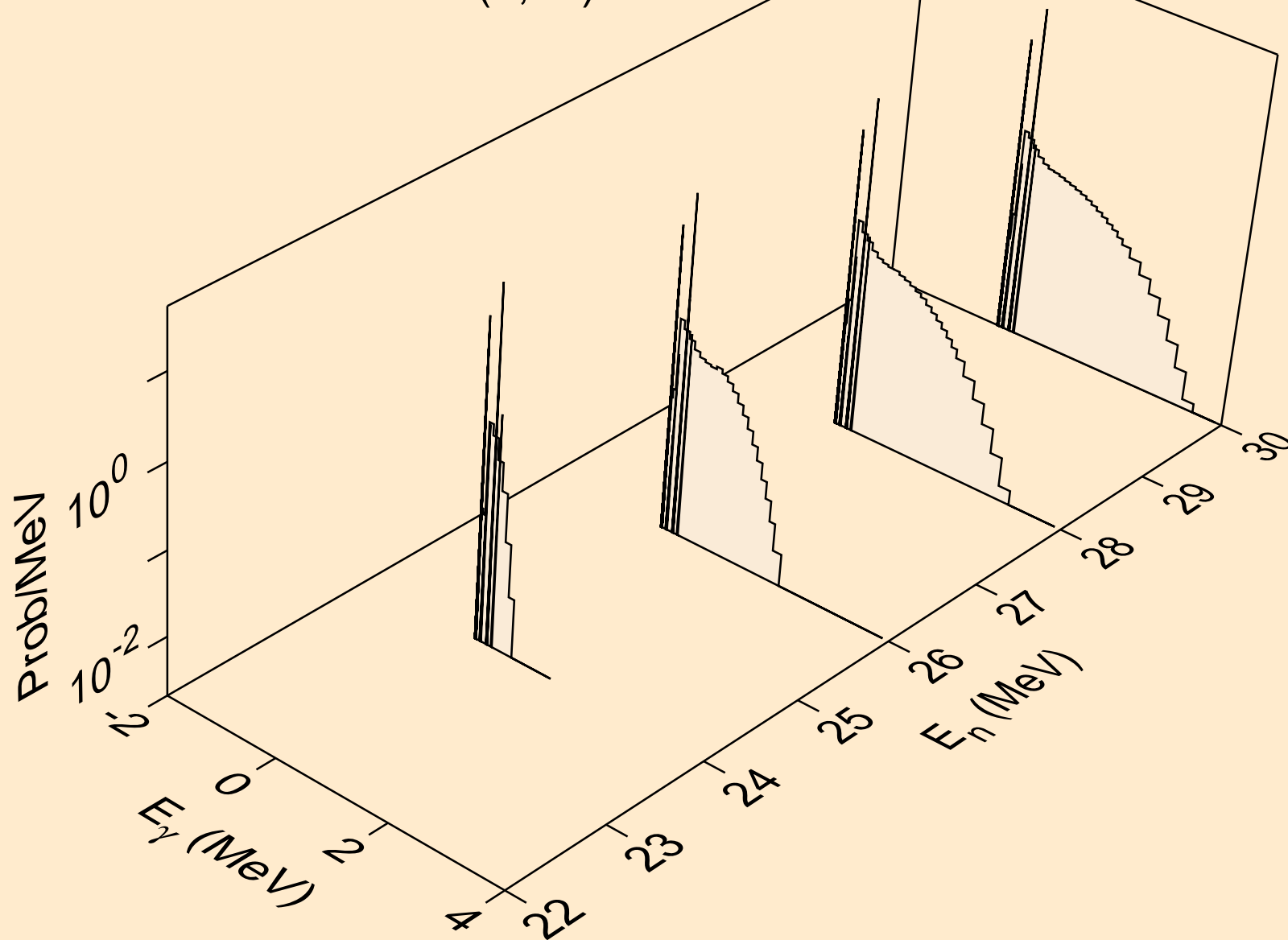
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



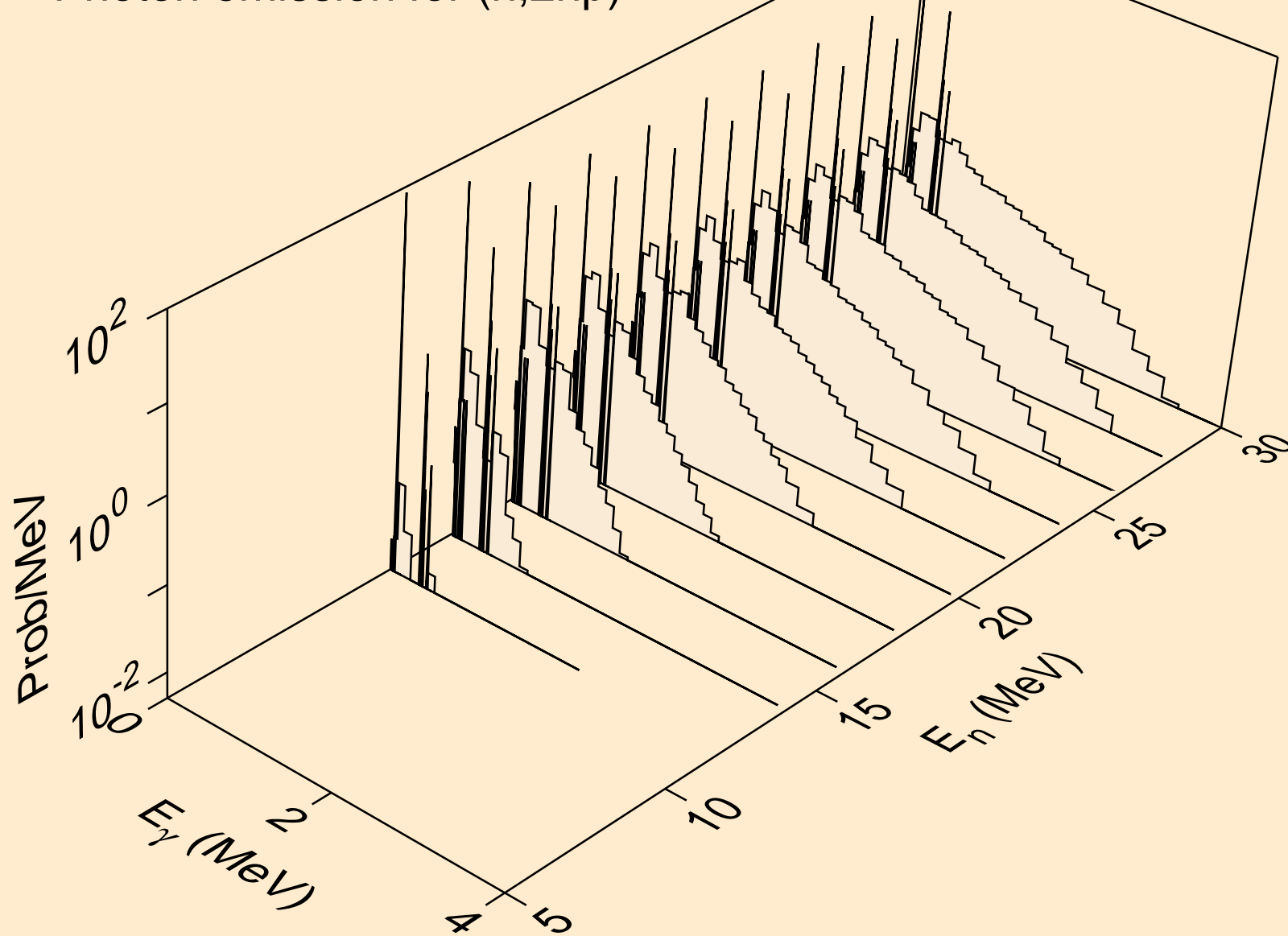
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



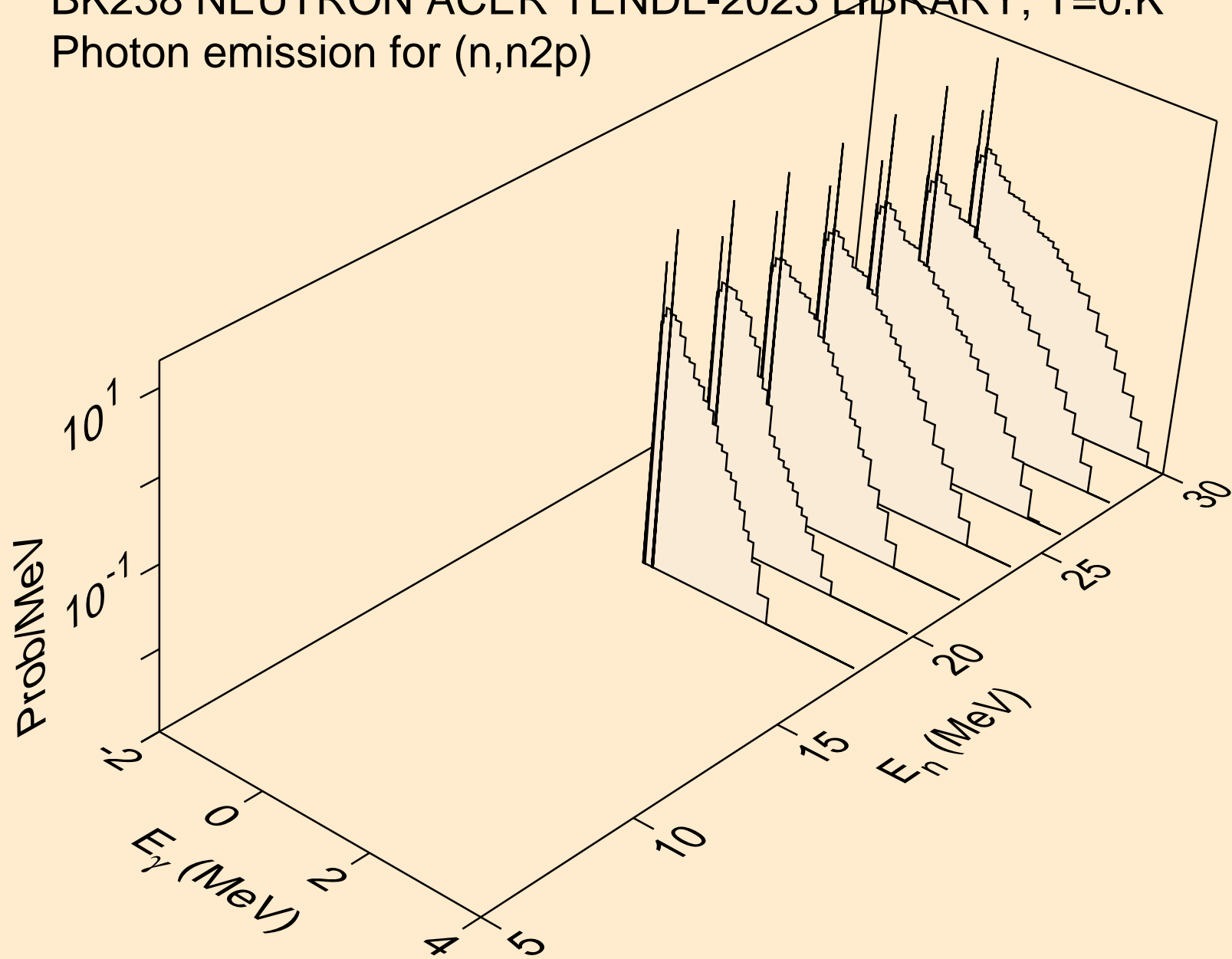
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



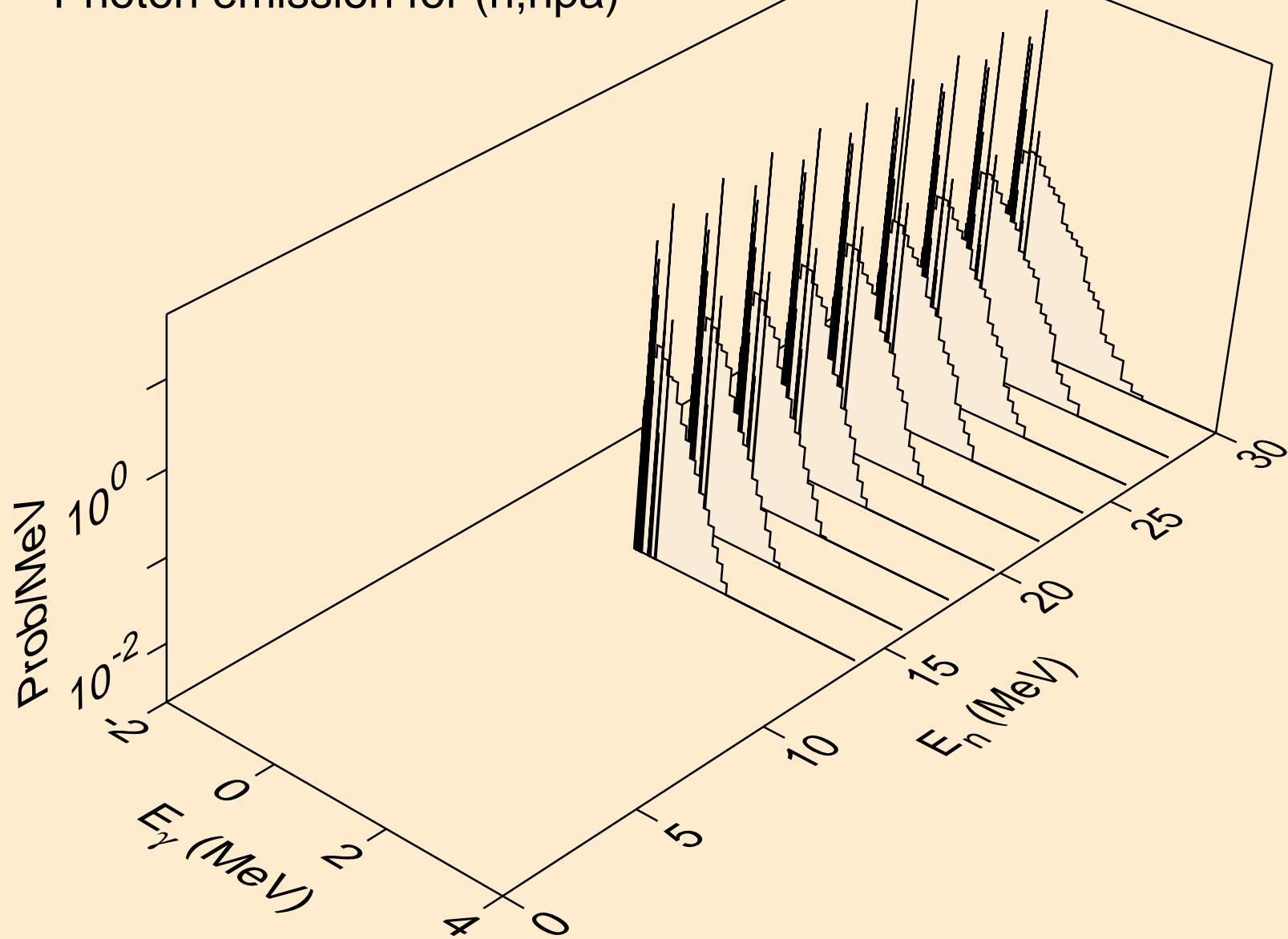
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



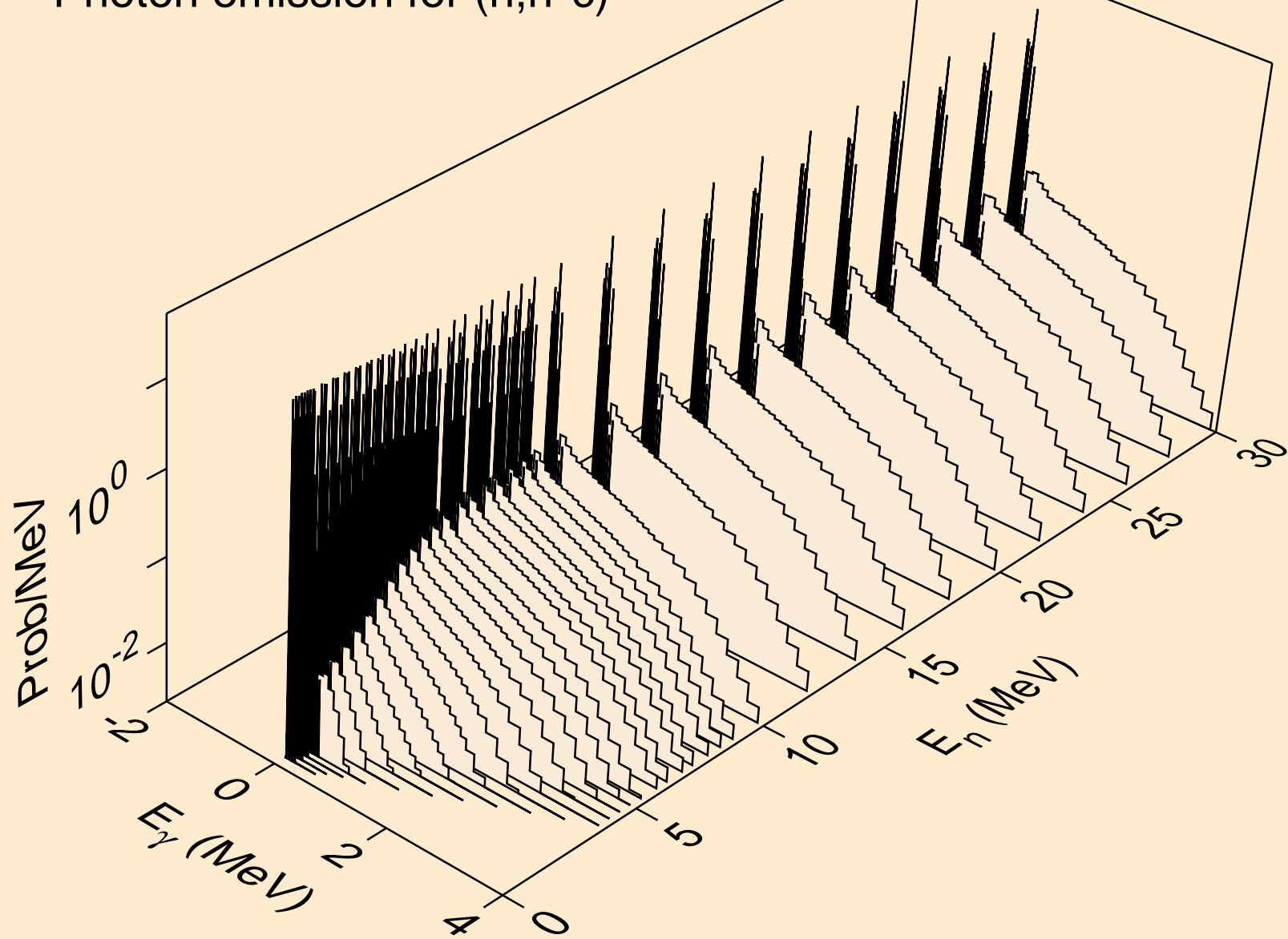
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



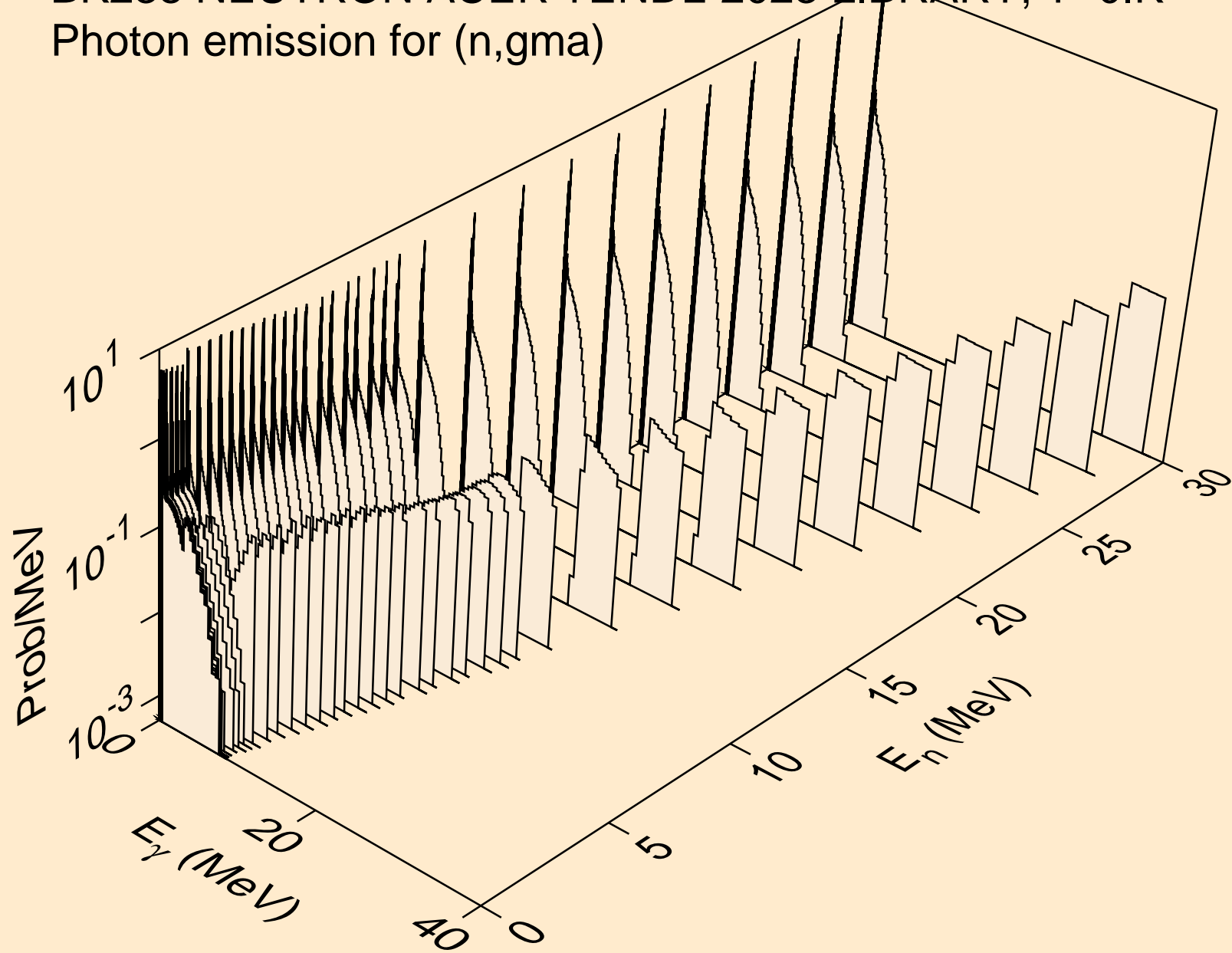
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



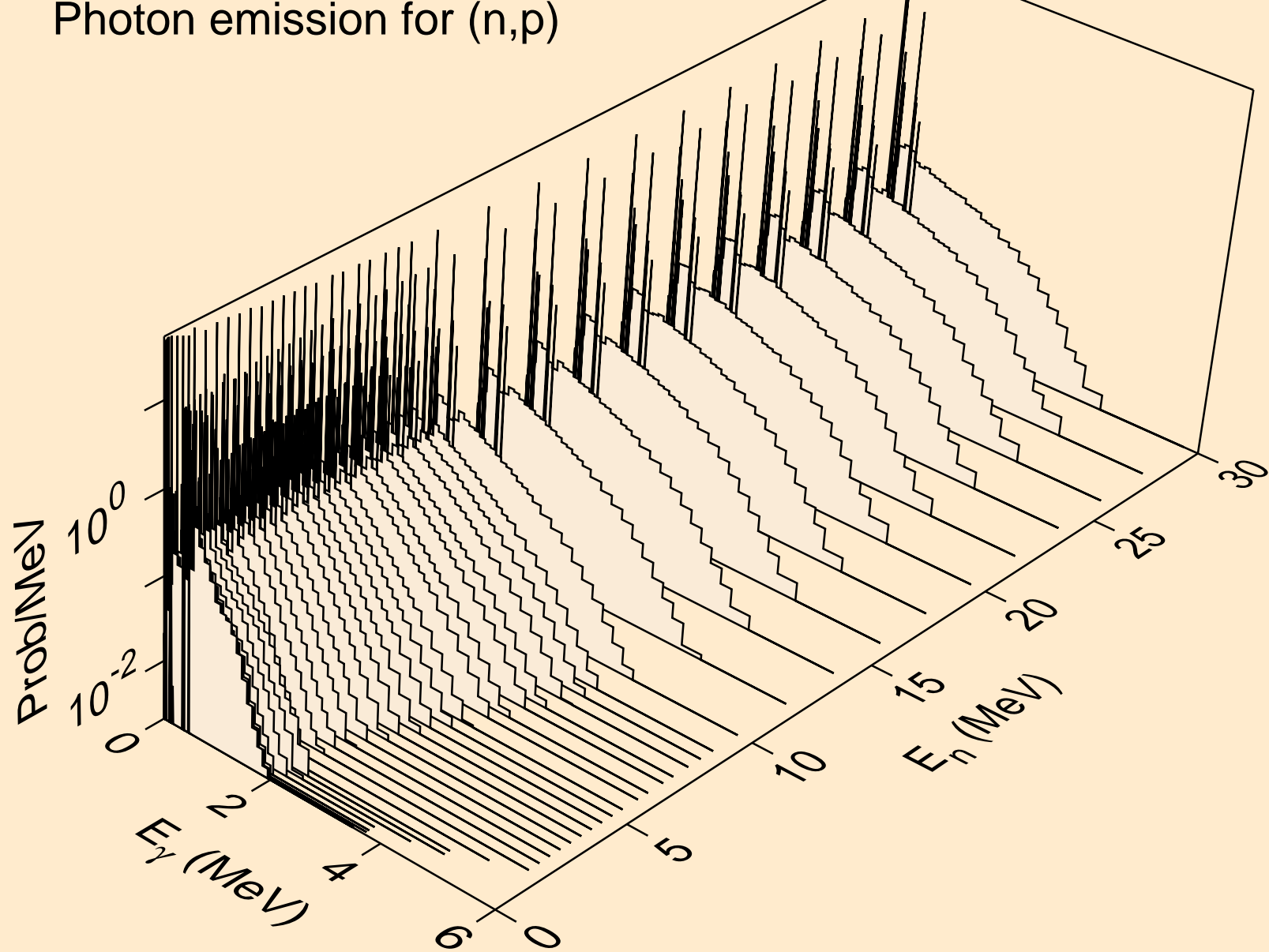
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



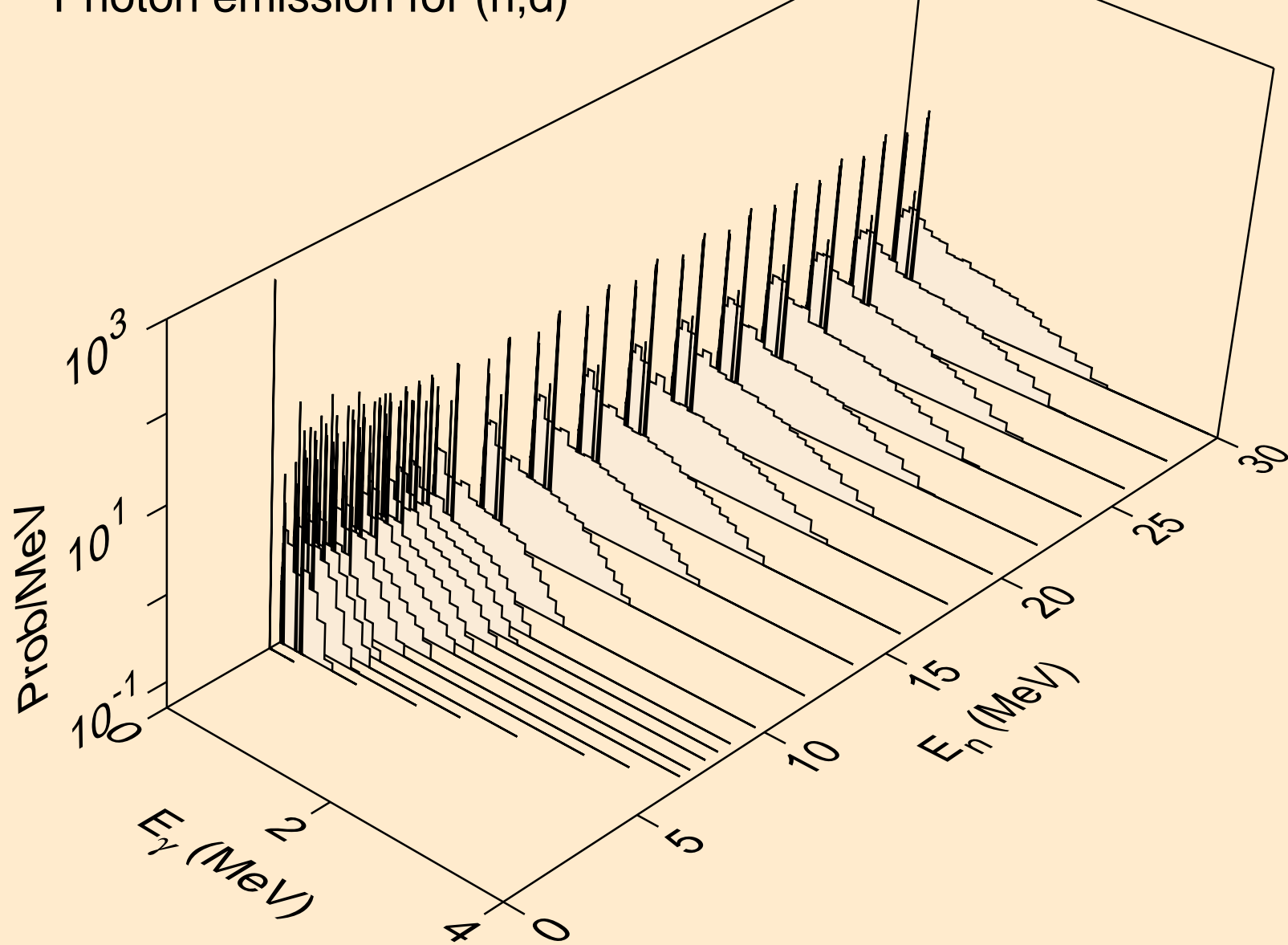
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



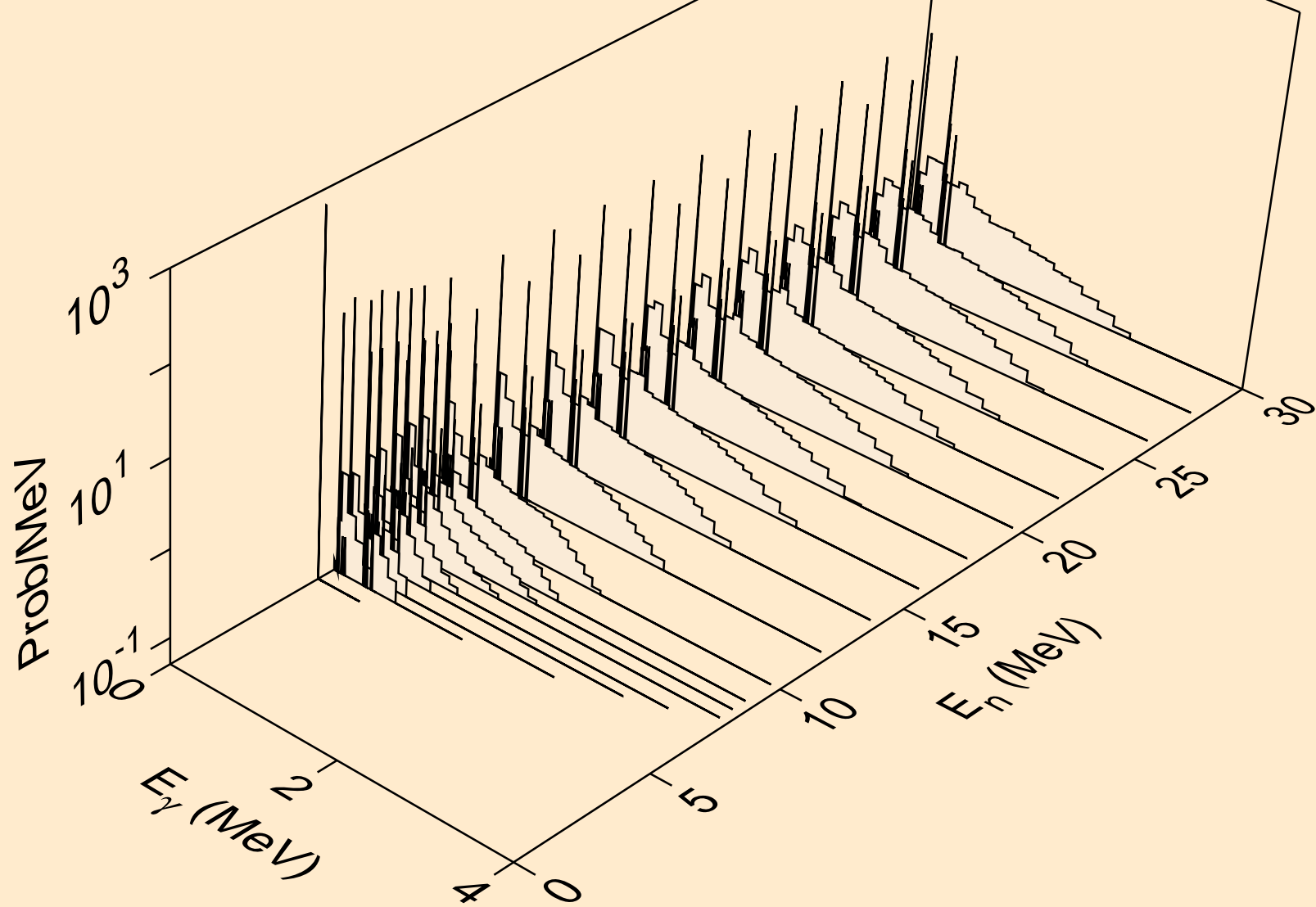
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



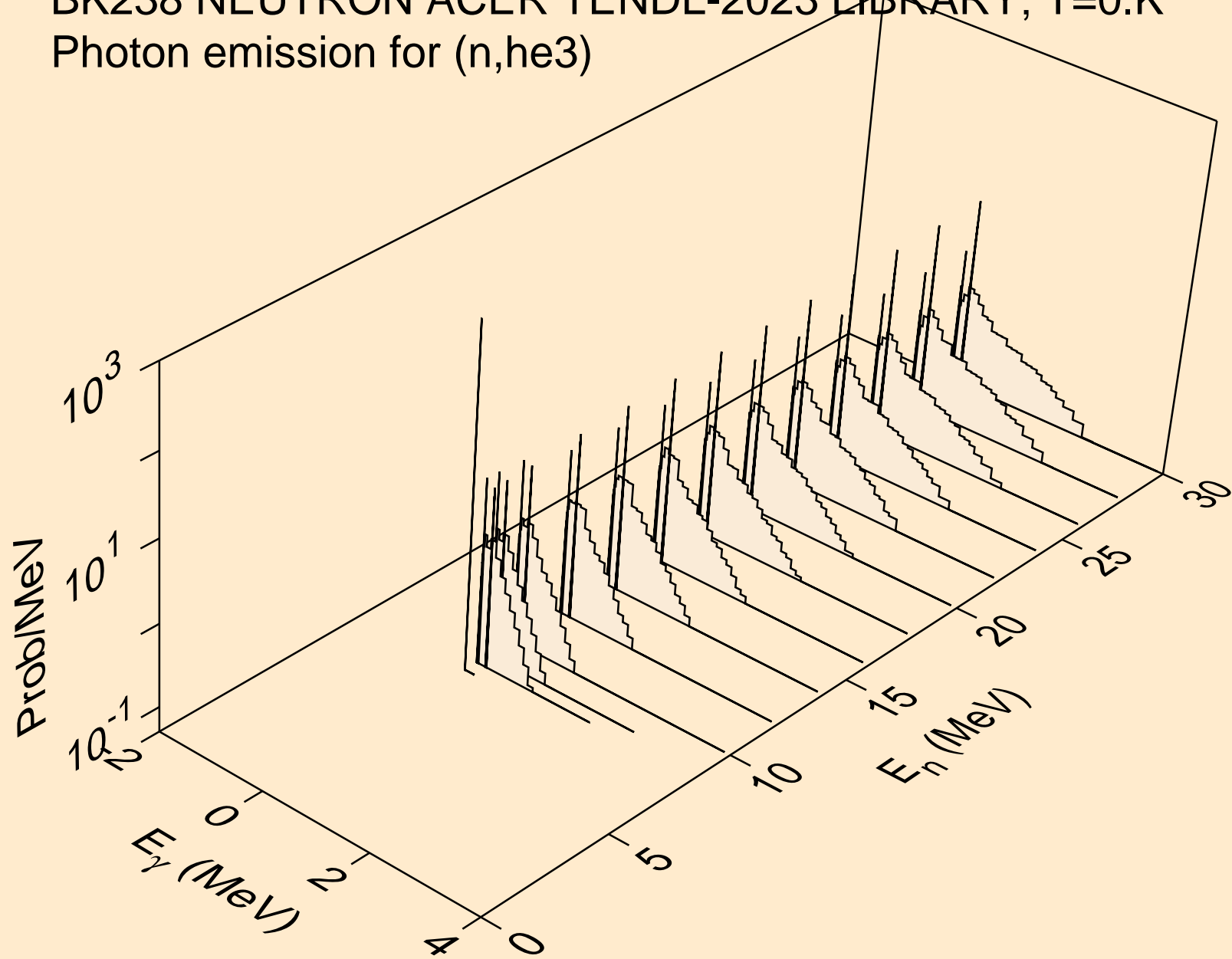
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



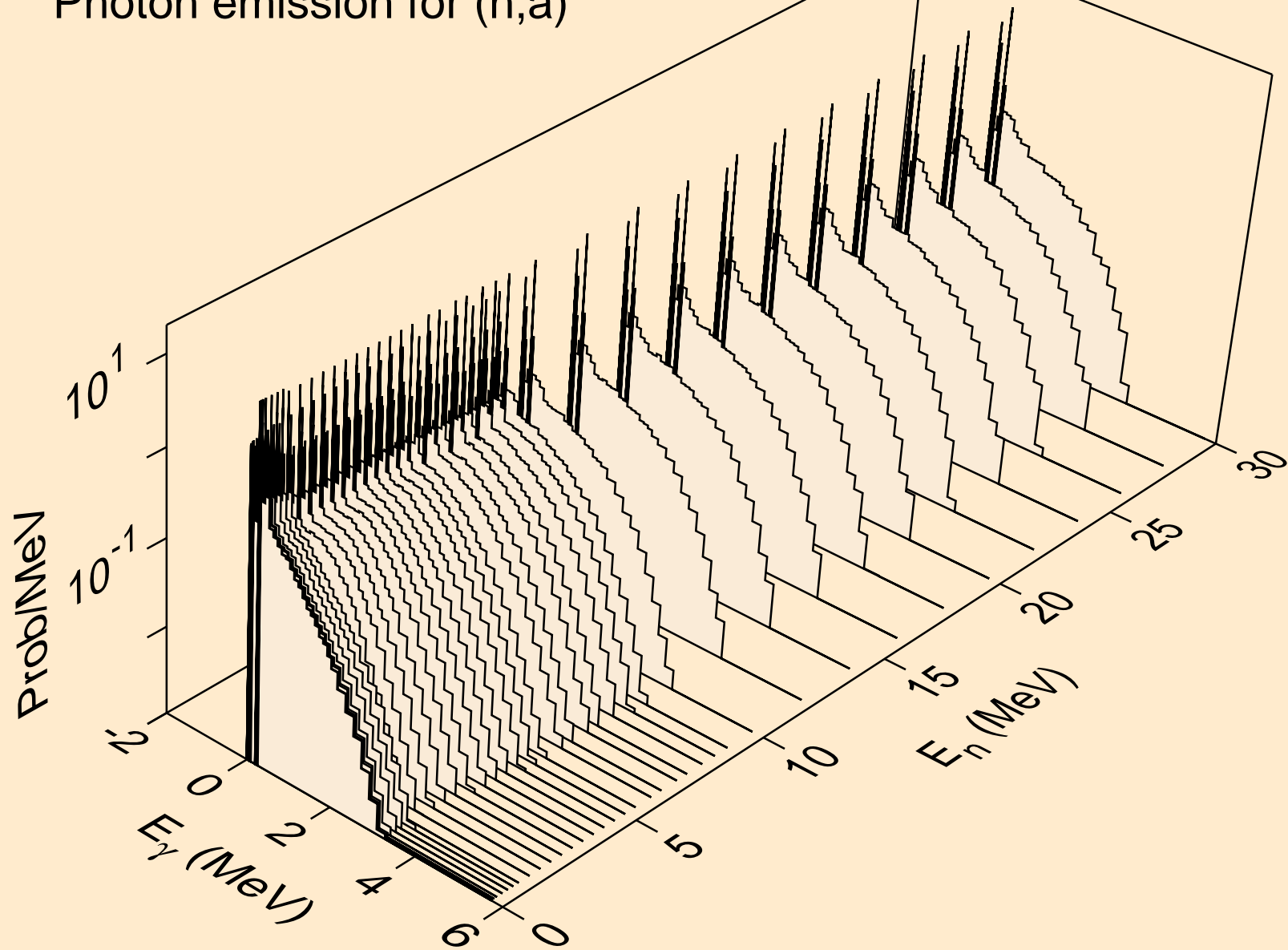
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



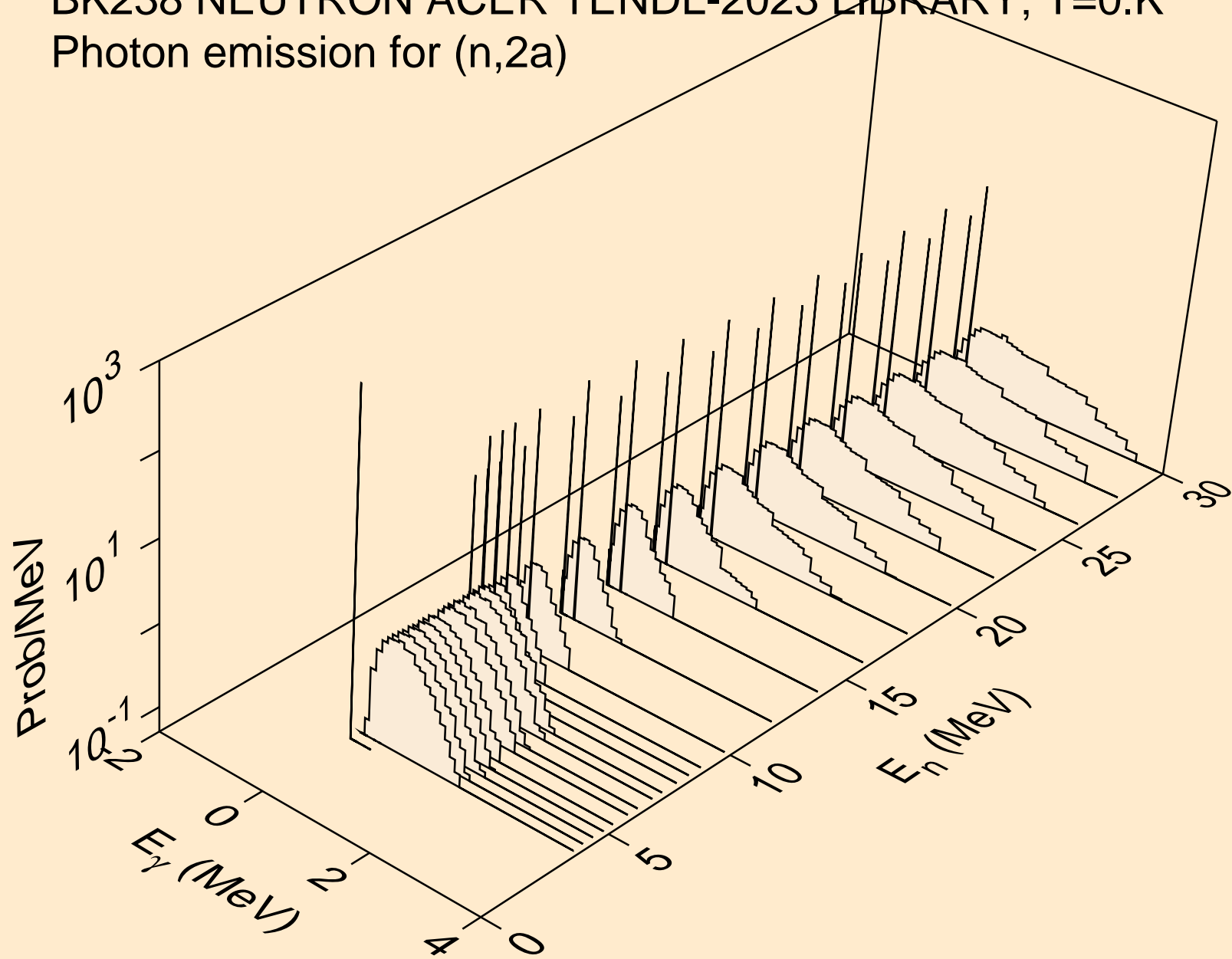
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



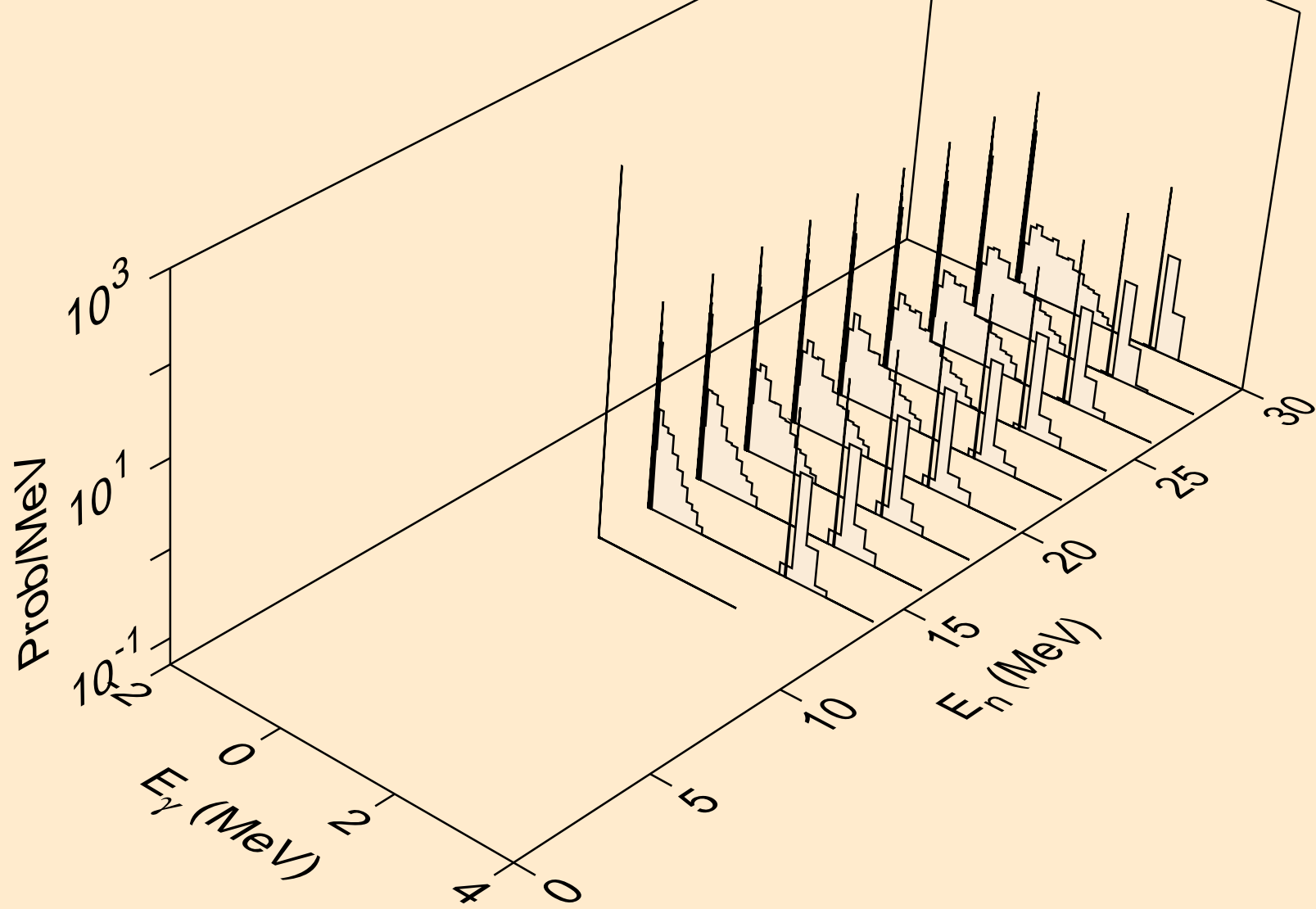
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



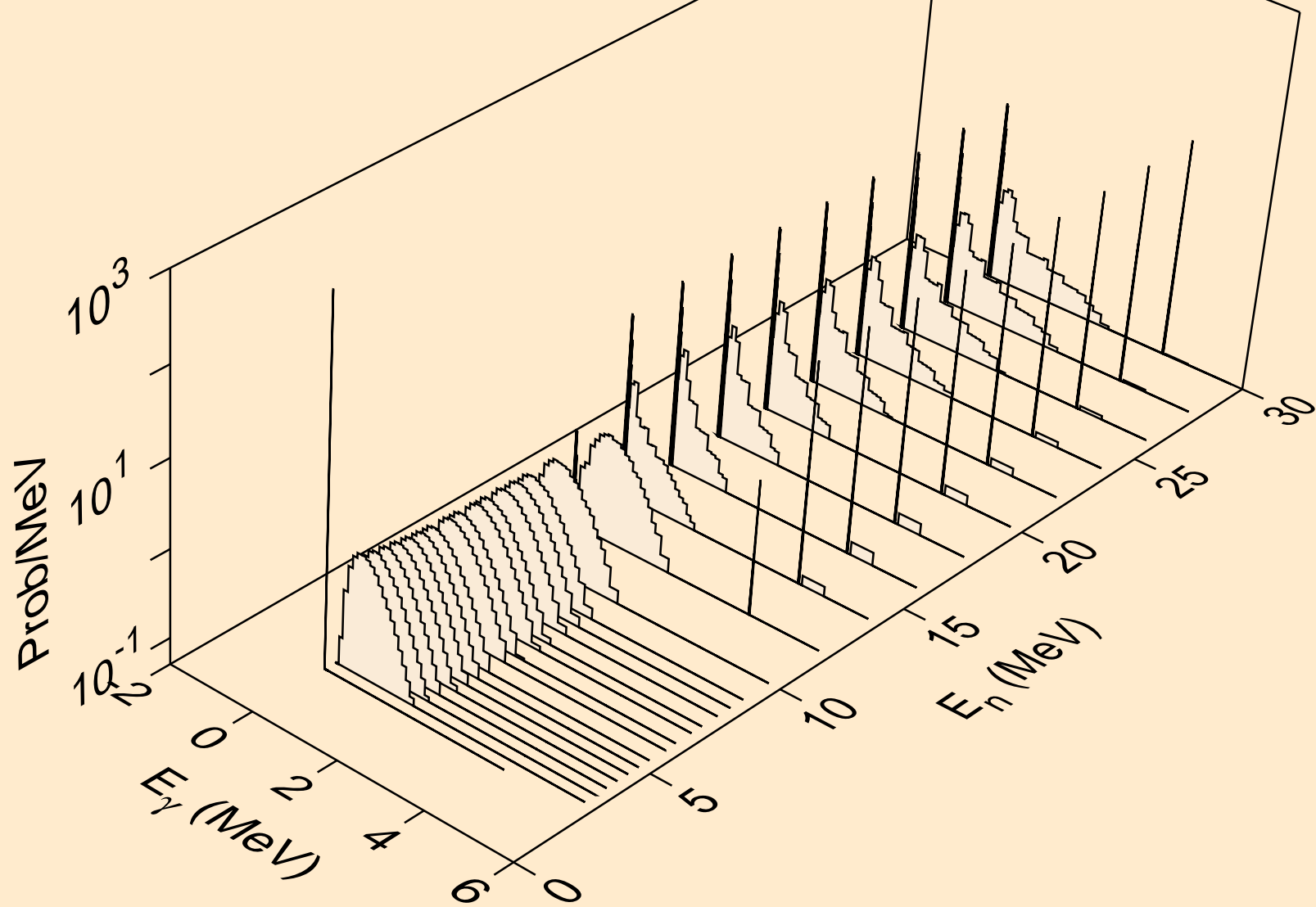
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



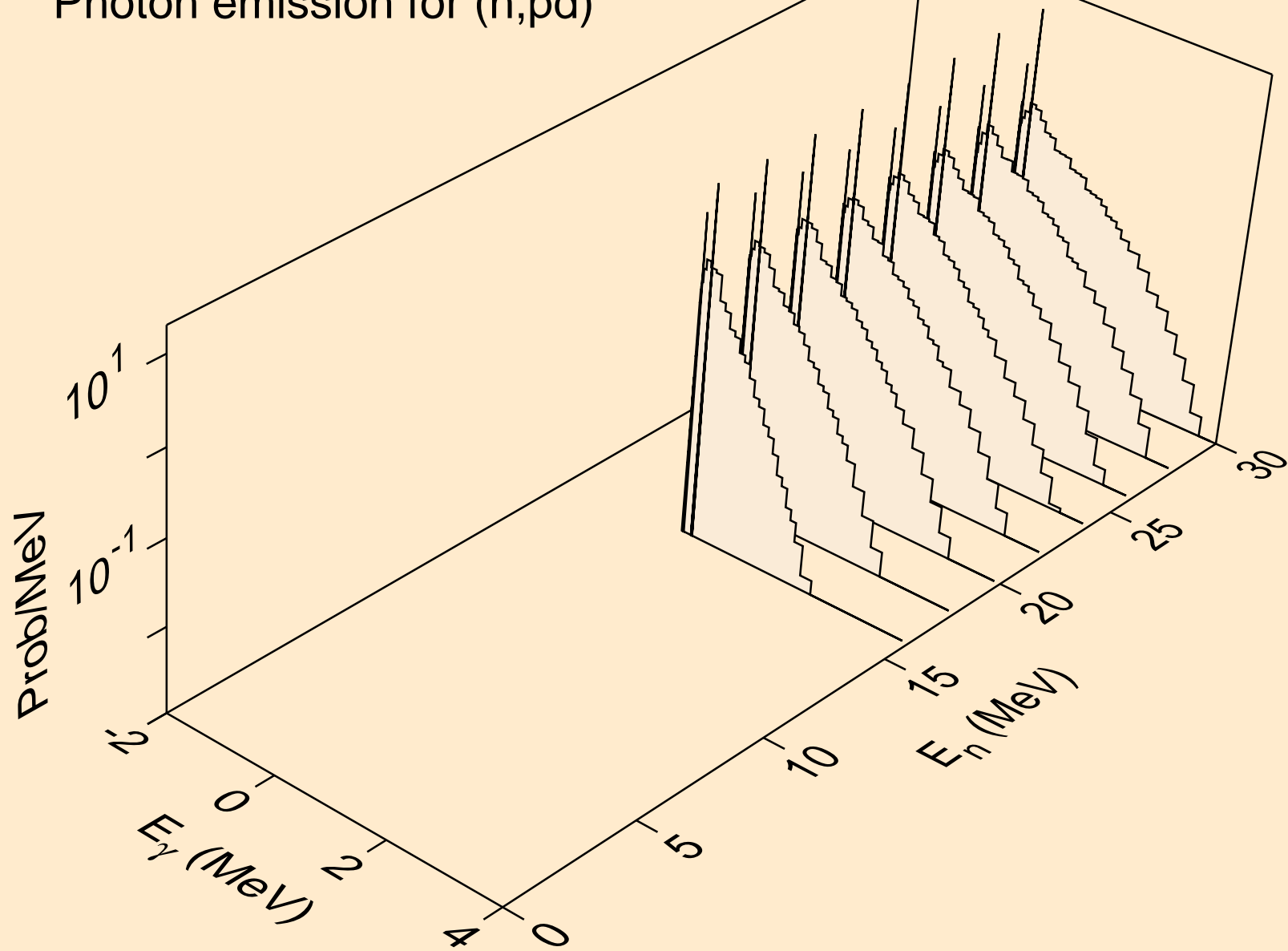
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



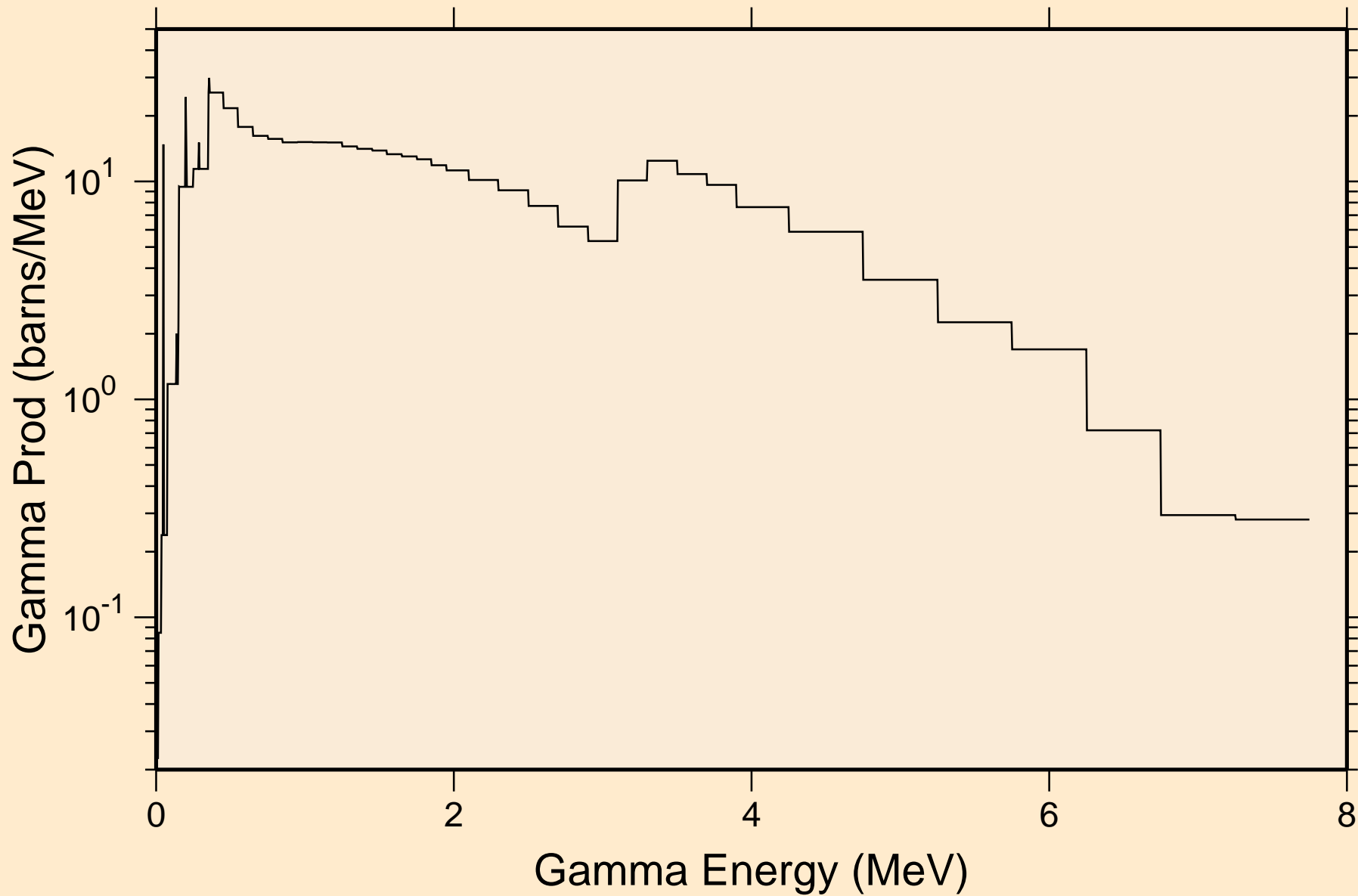
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



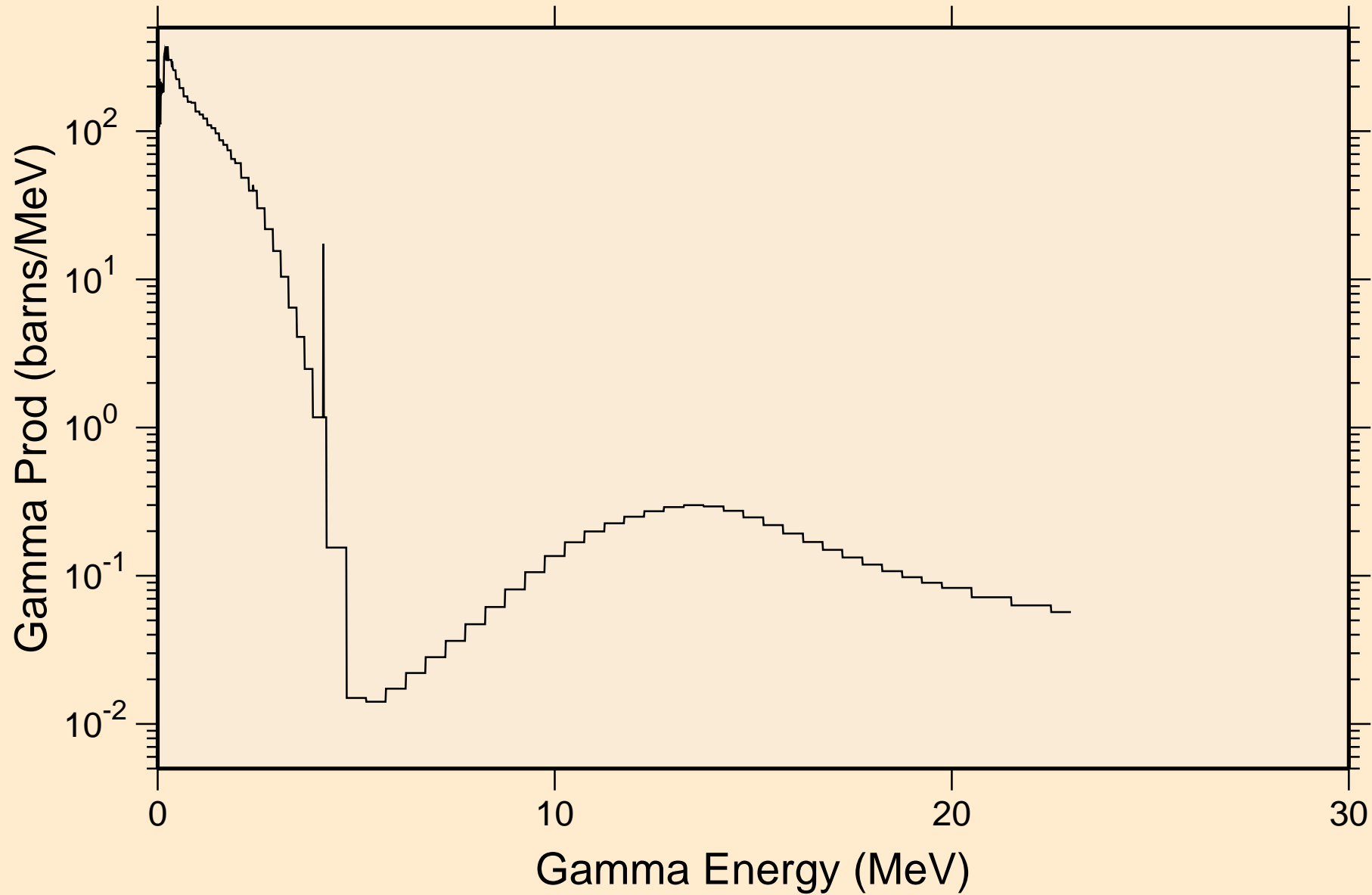
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

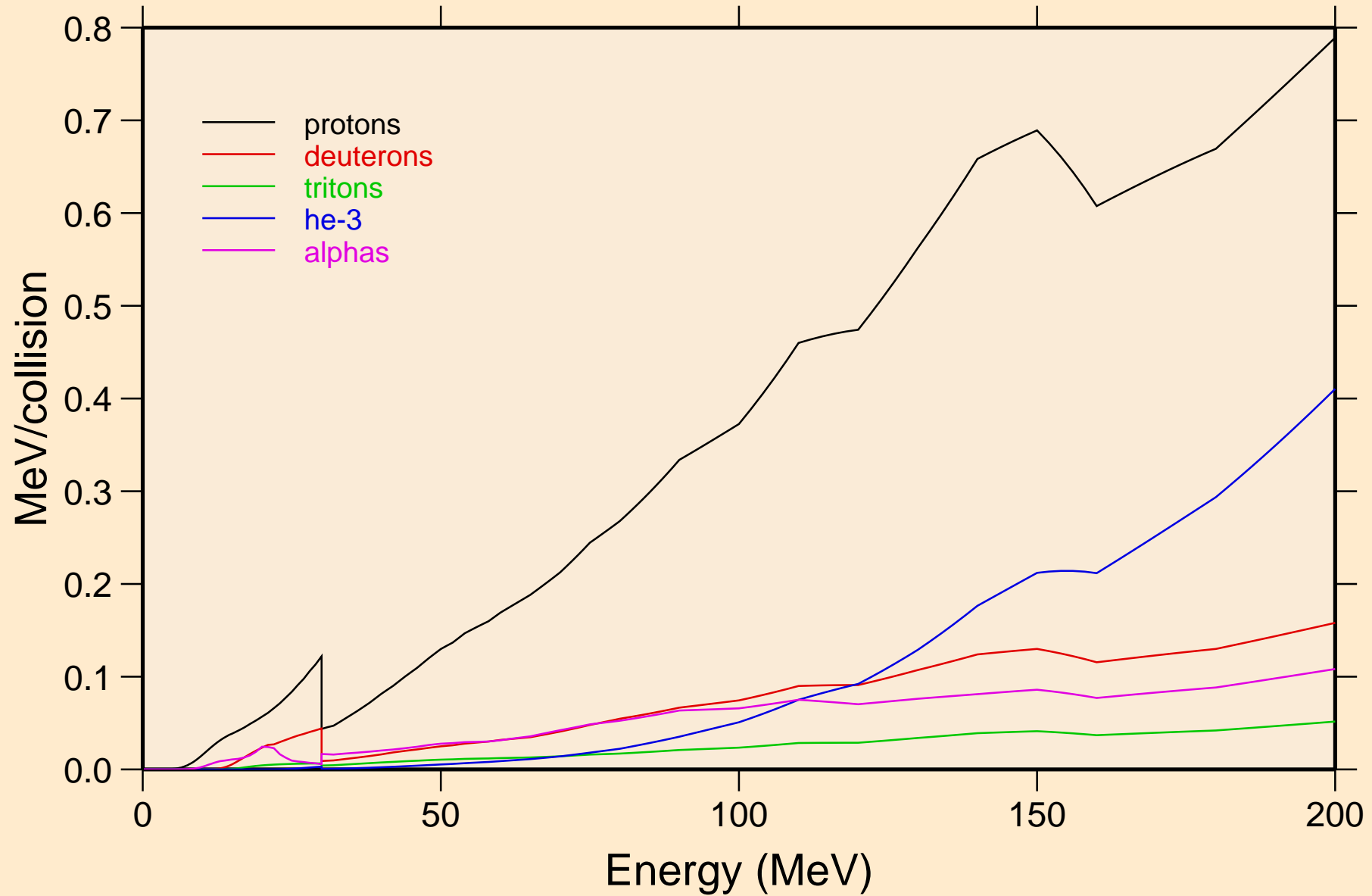


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

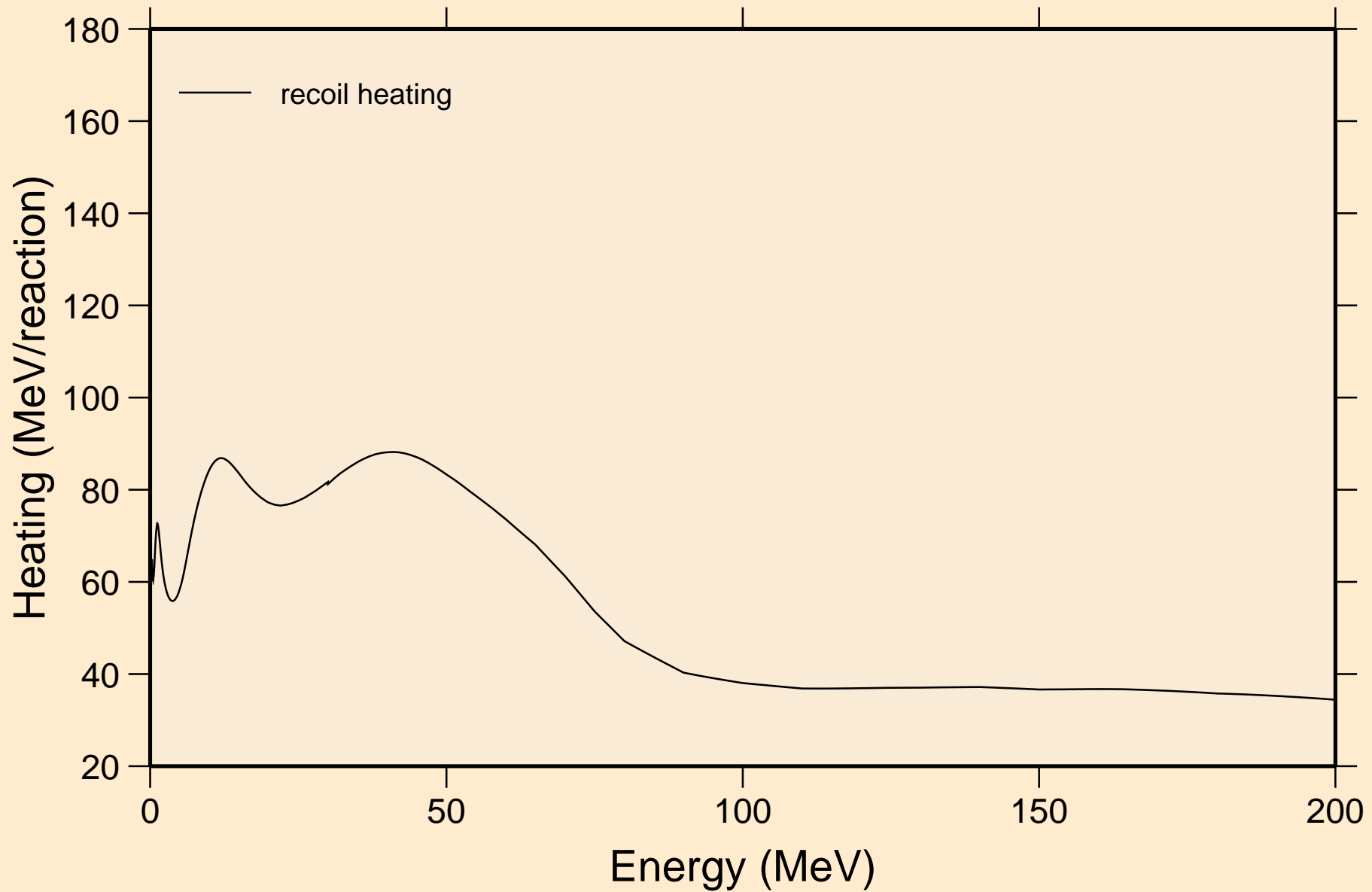


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

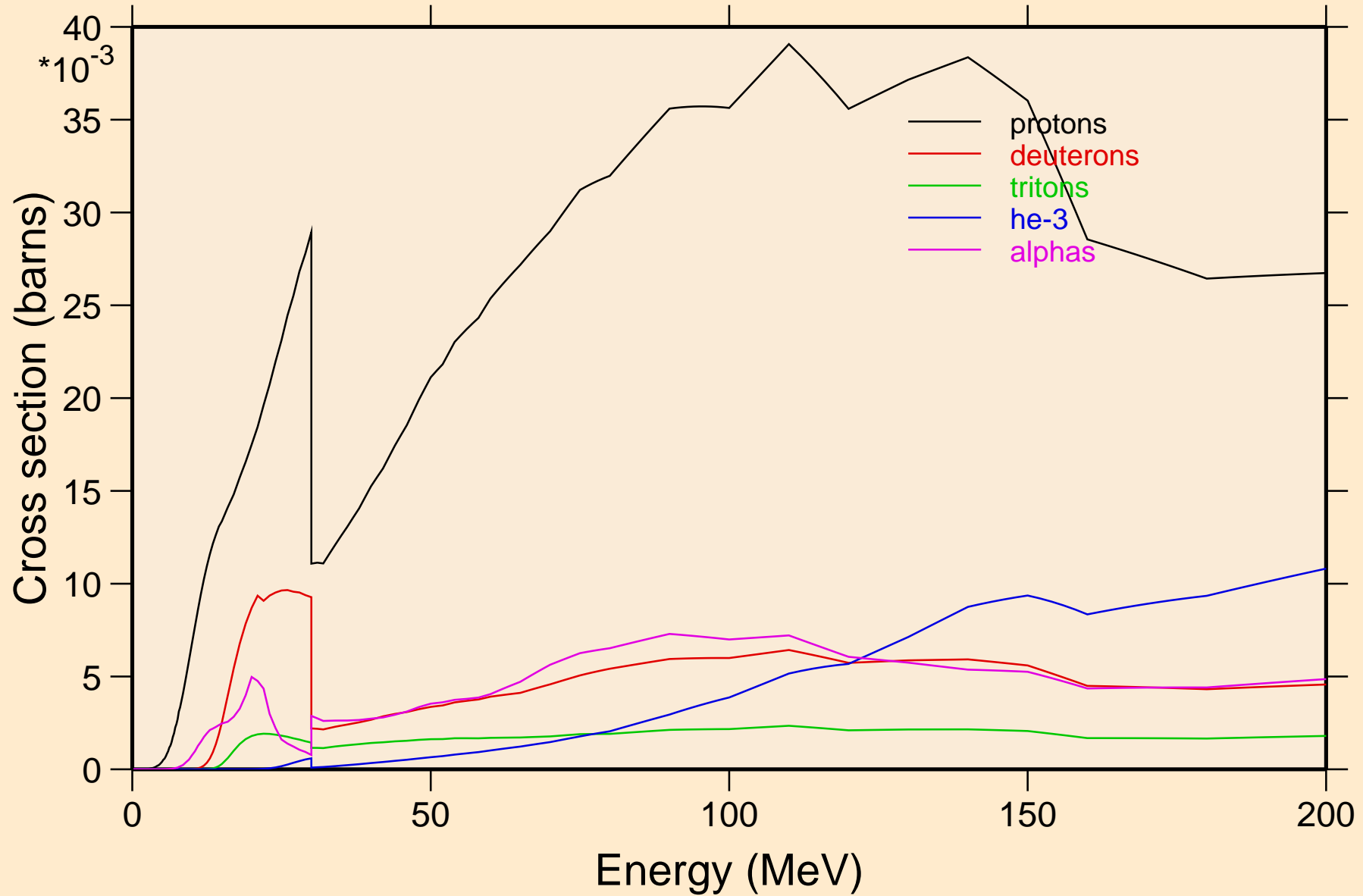


BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

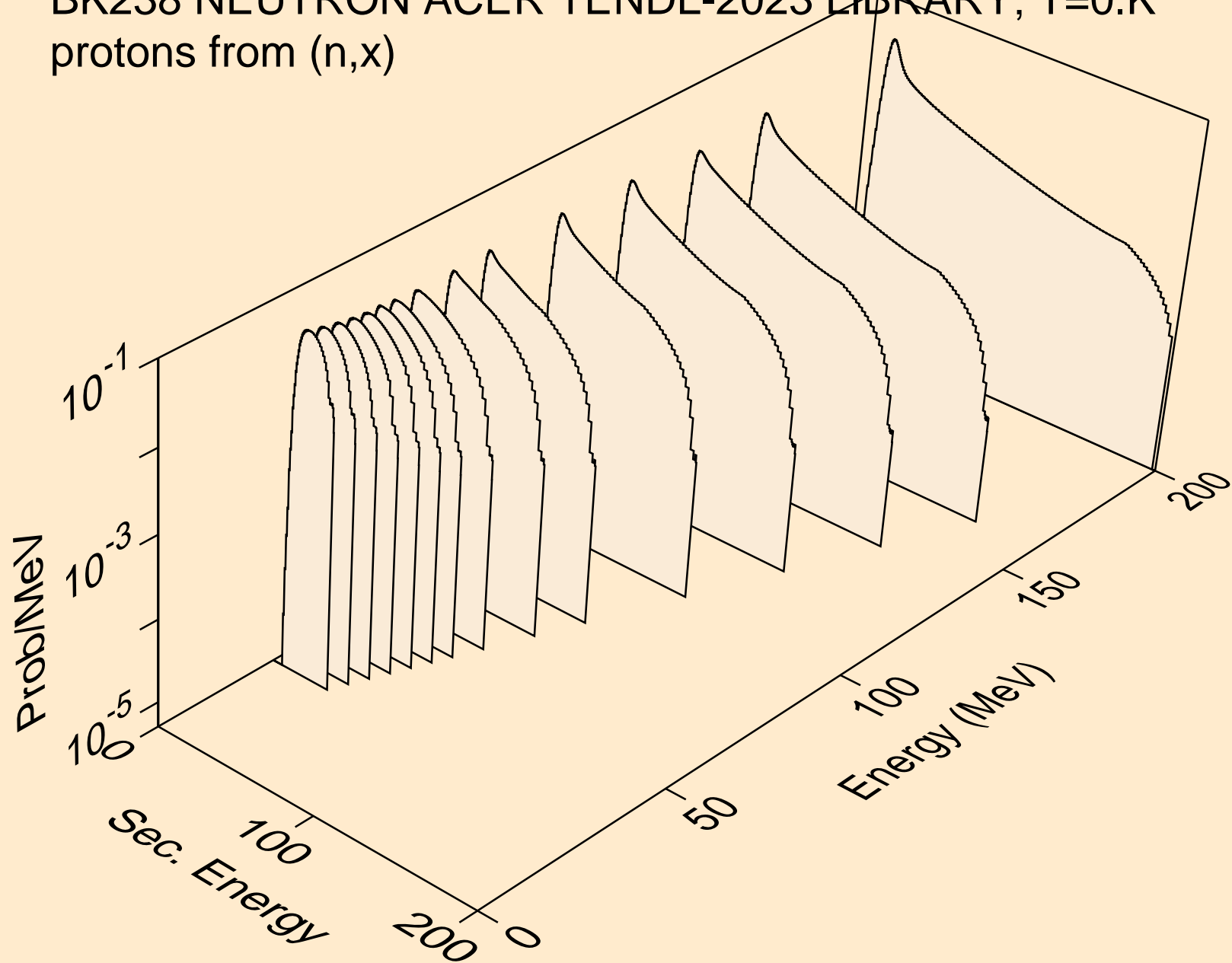


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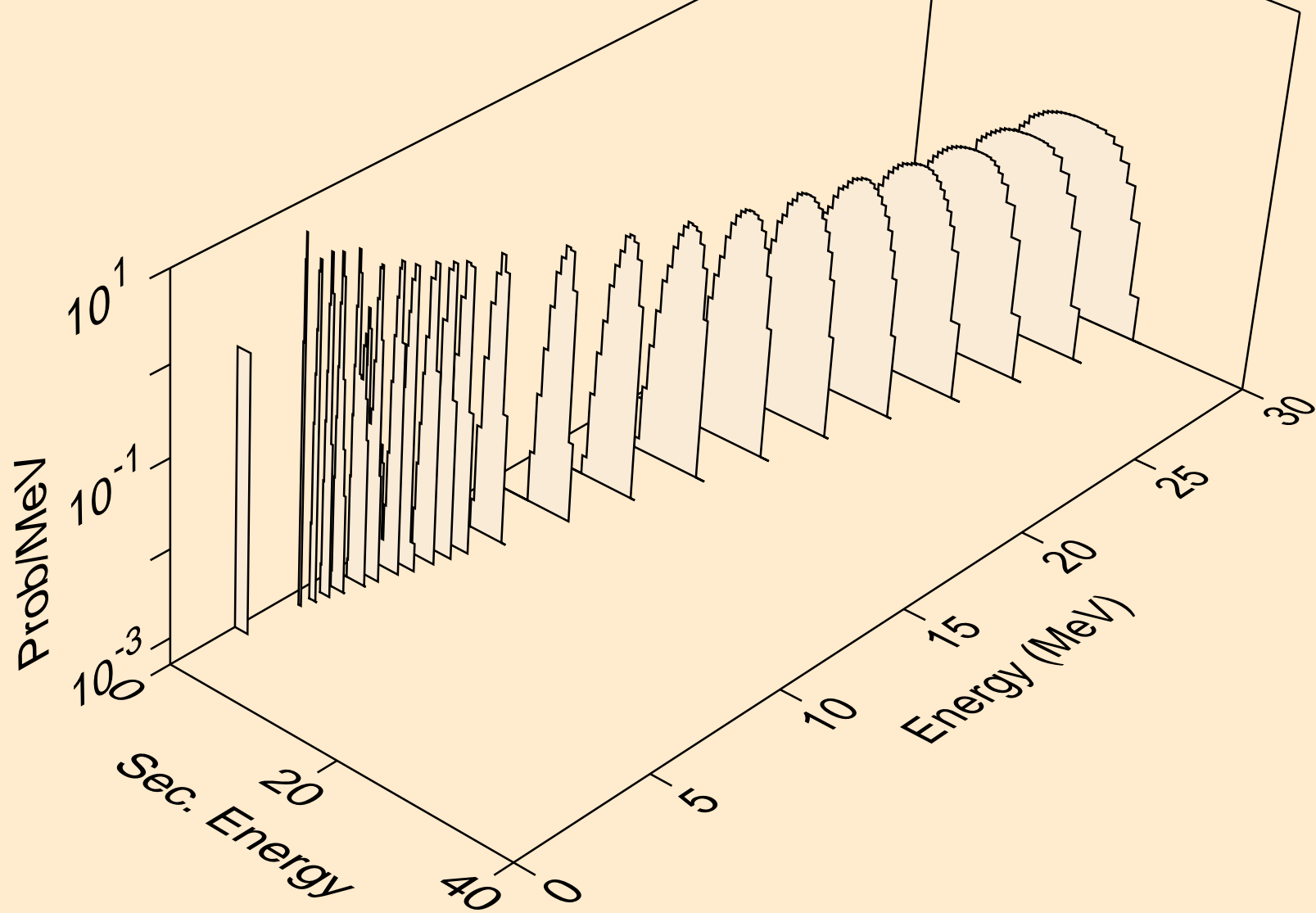
Particle production cross sections



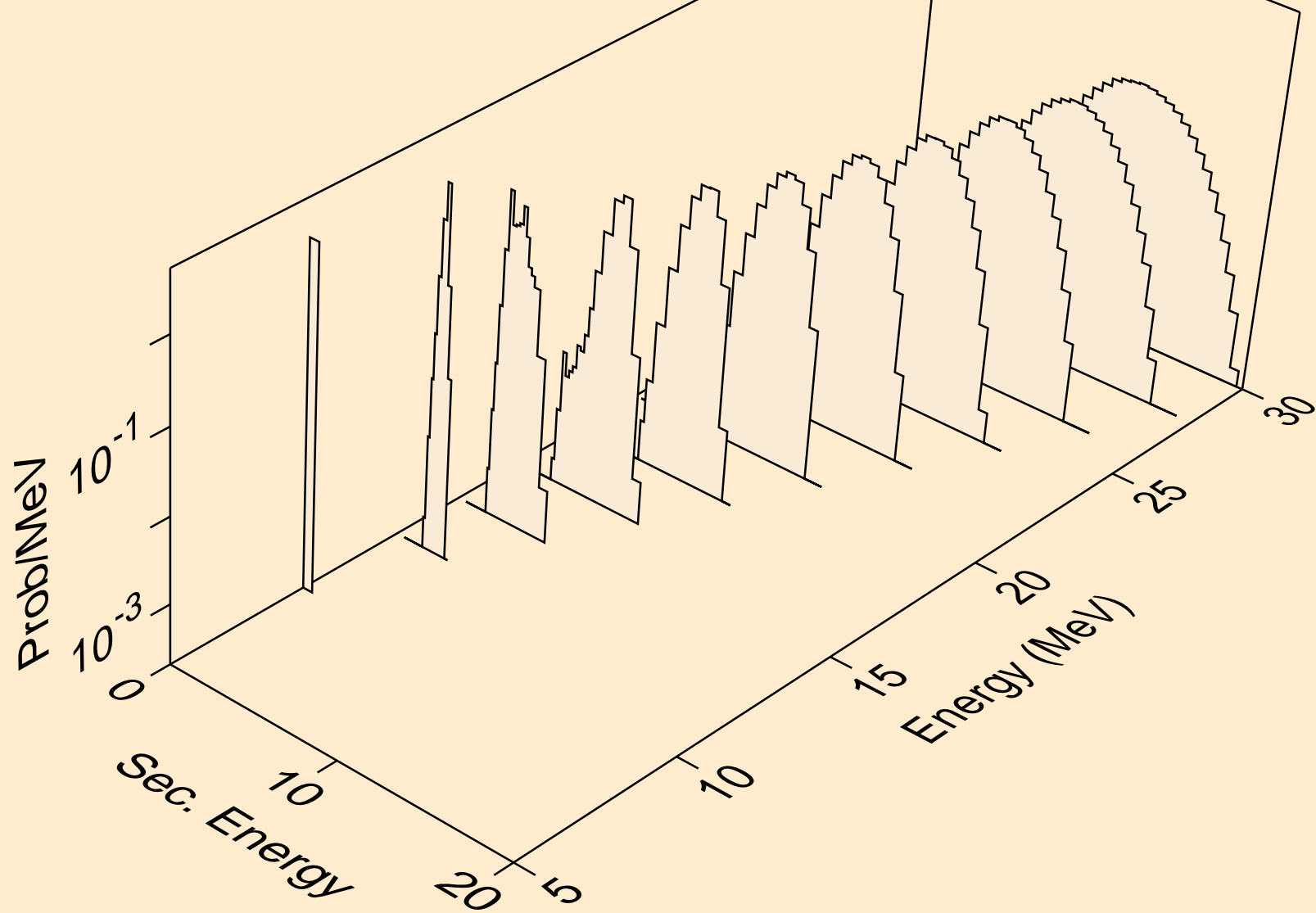
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



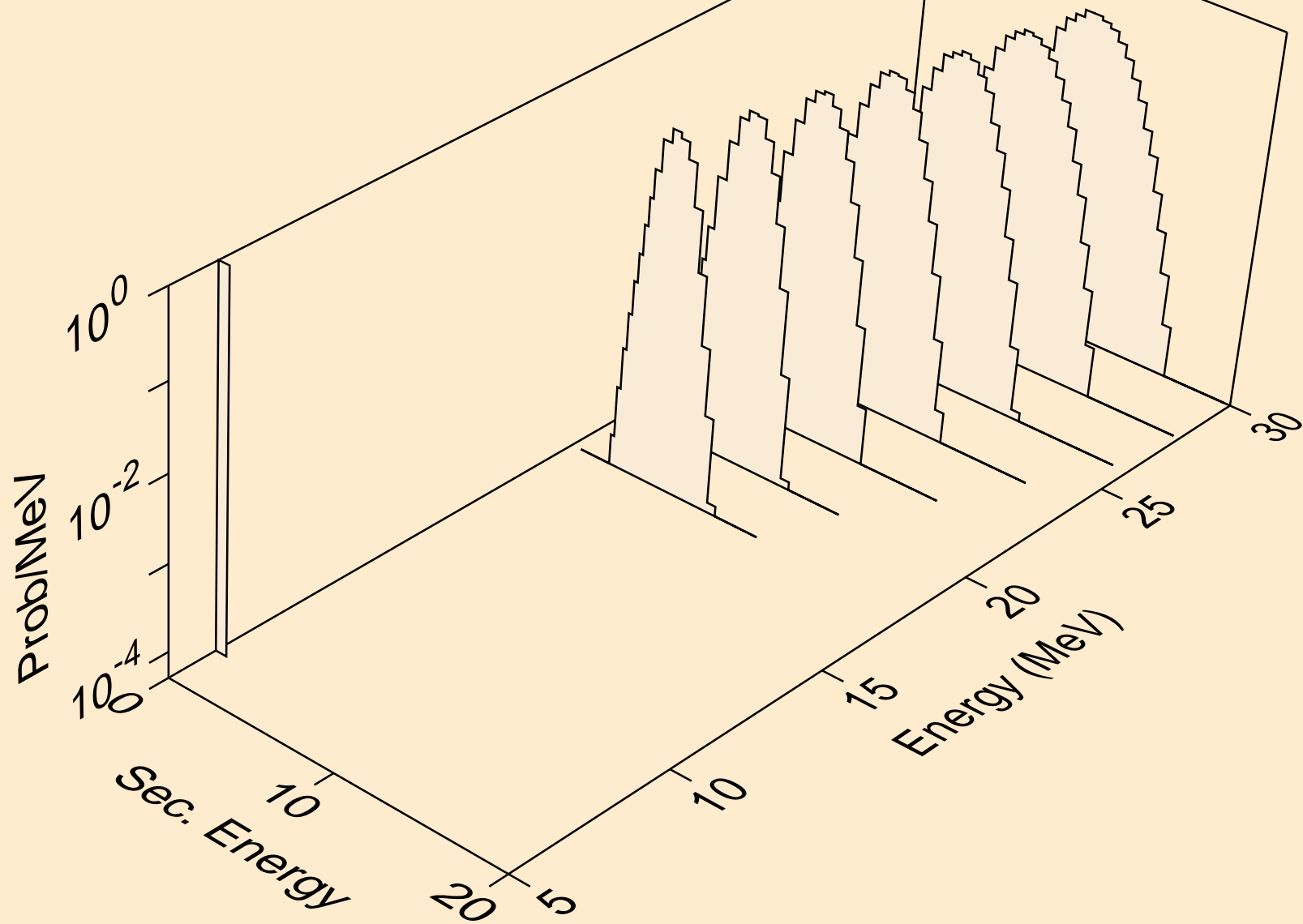
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



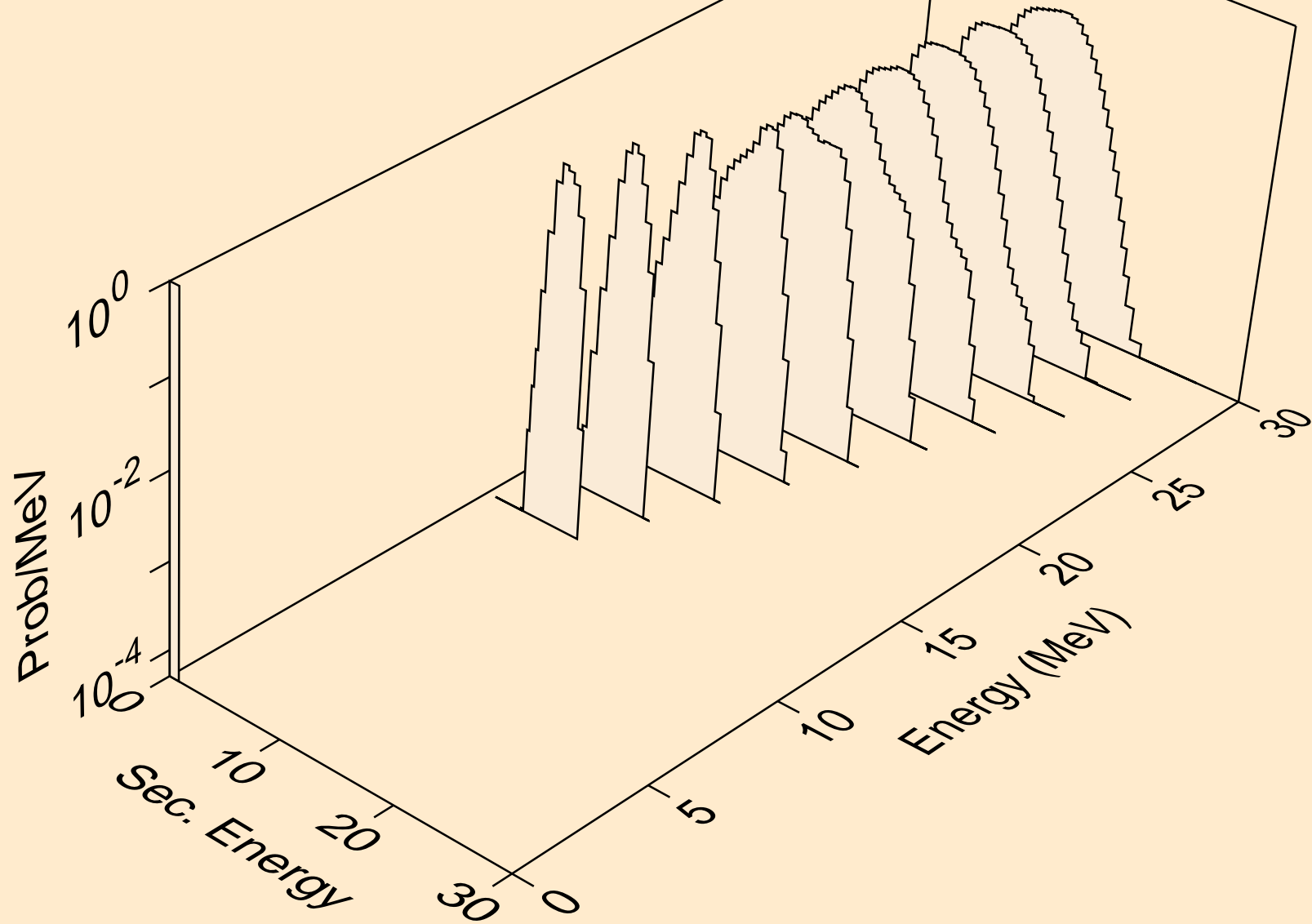
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protons from (n,2np)



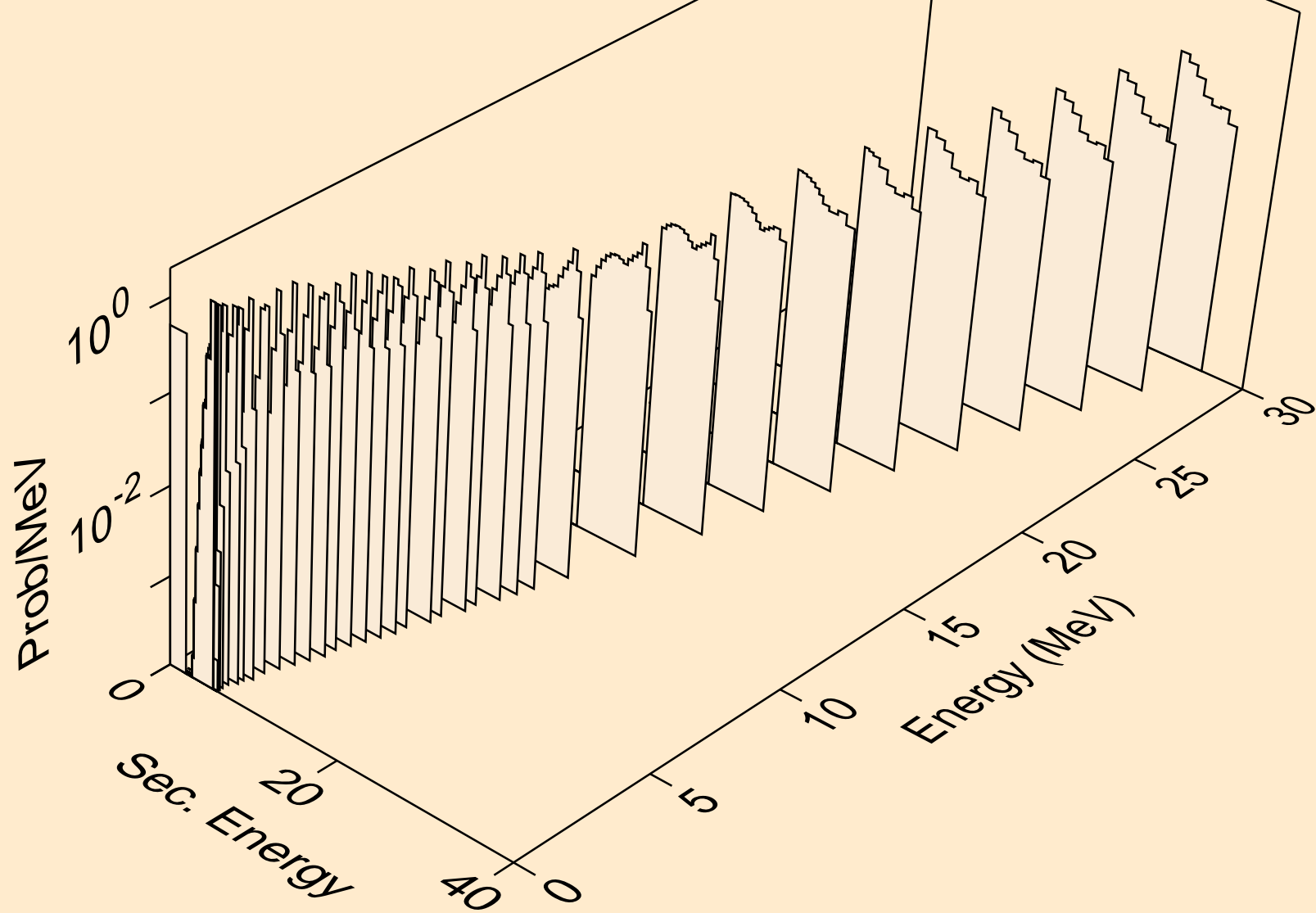
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protons from (n,n2p)



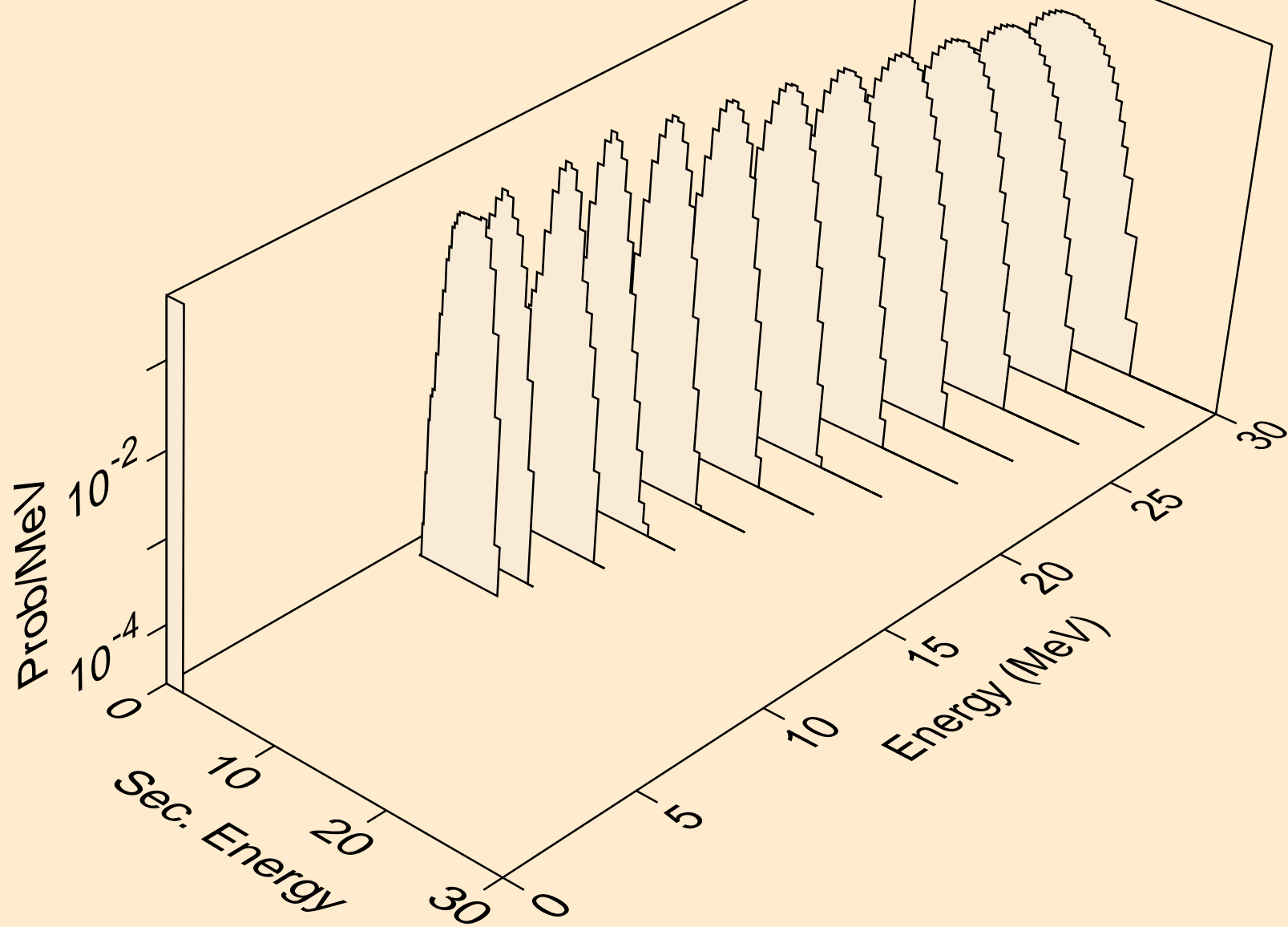
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protons from (n,npa)



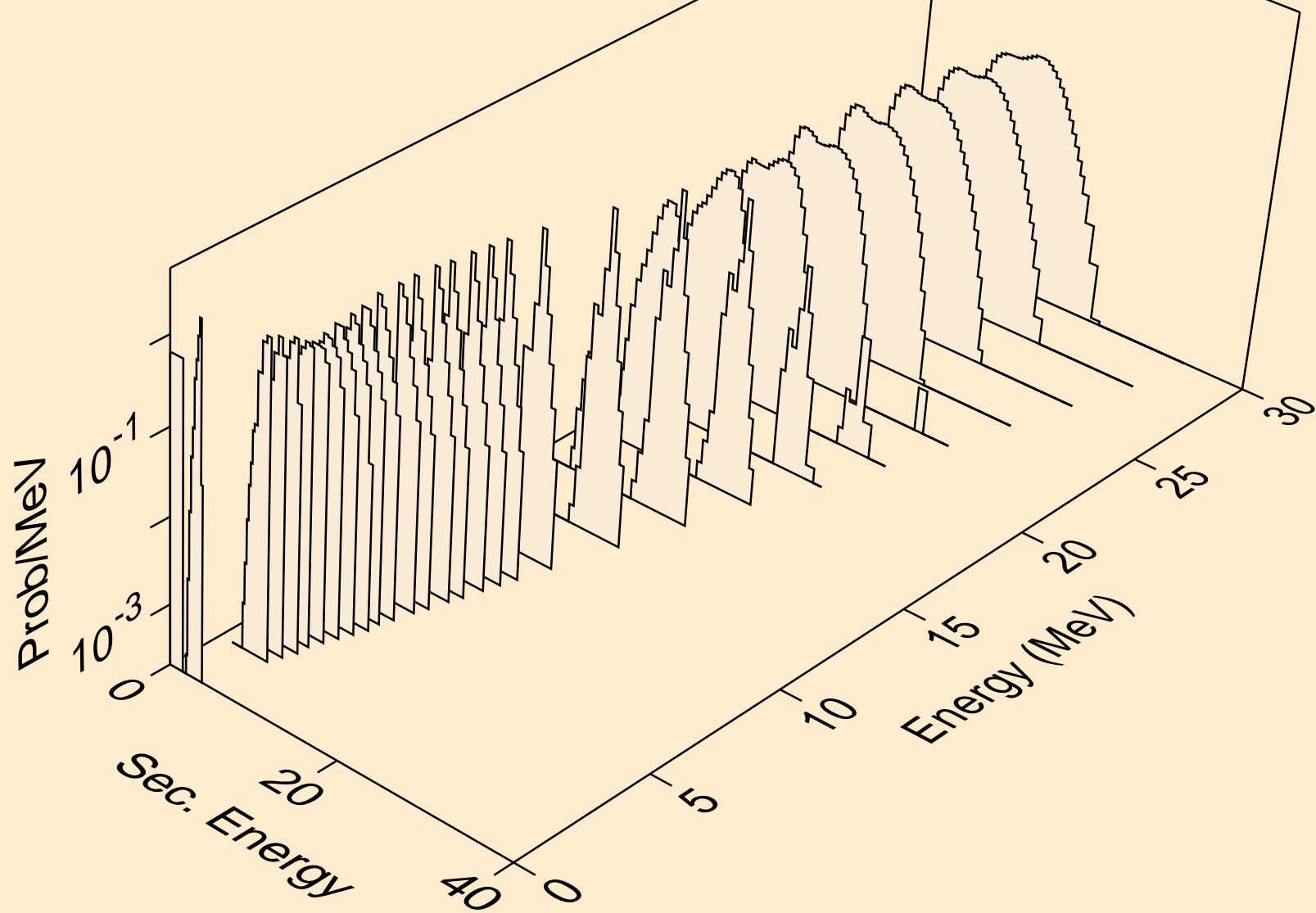
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protons from (n,p)



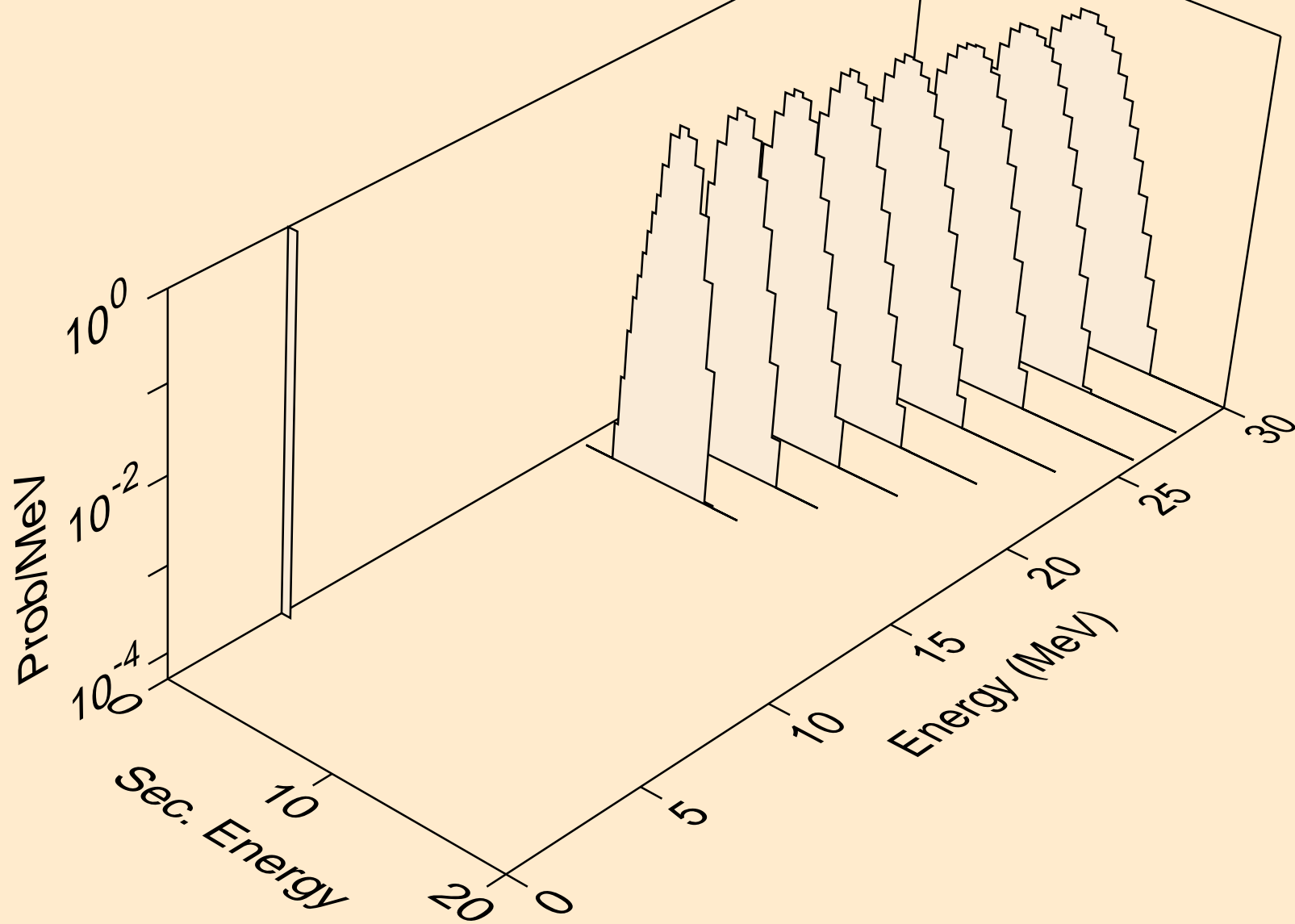
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protons from (n,2p)



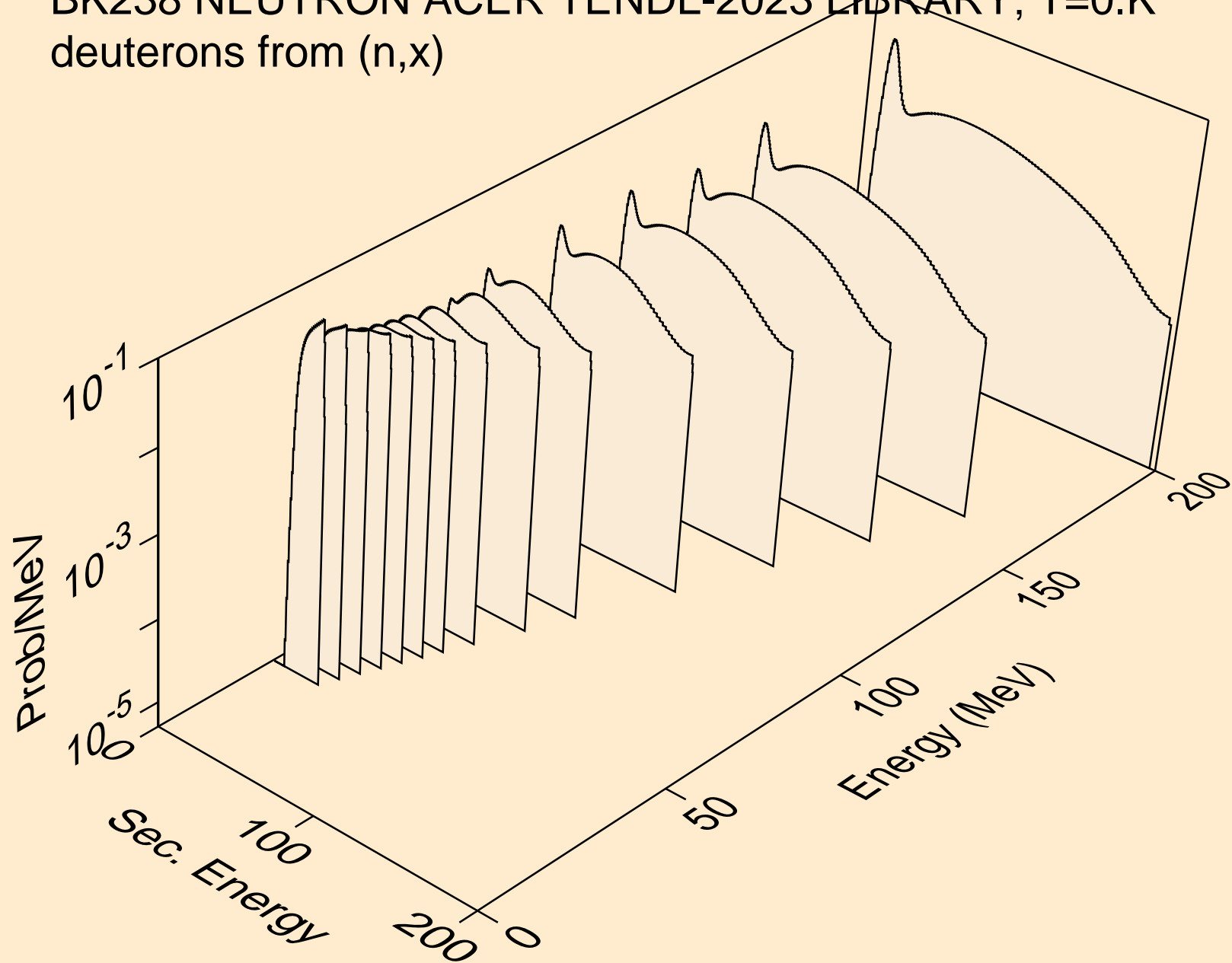
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protons from (n,p)



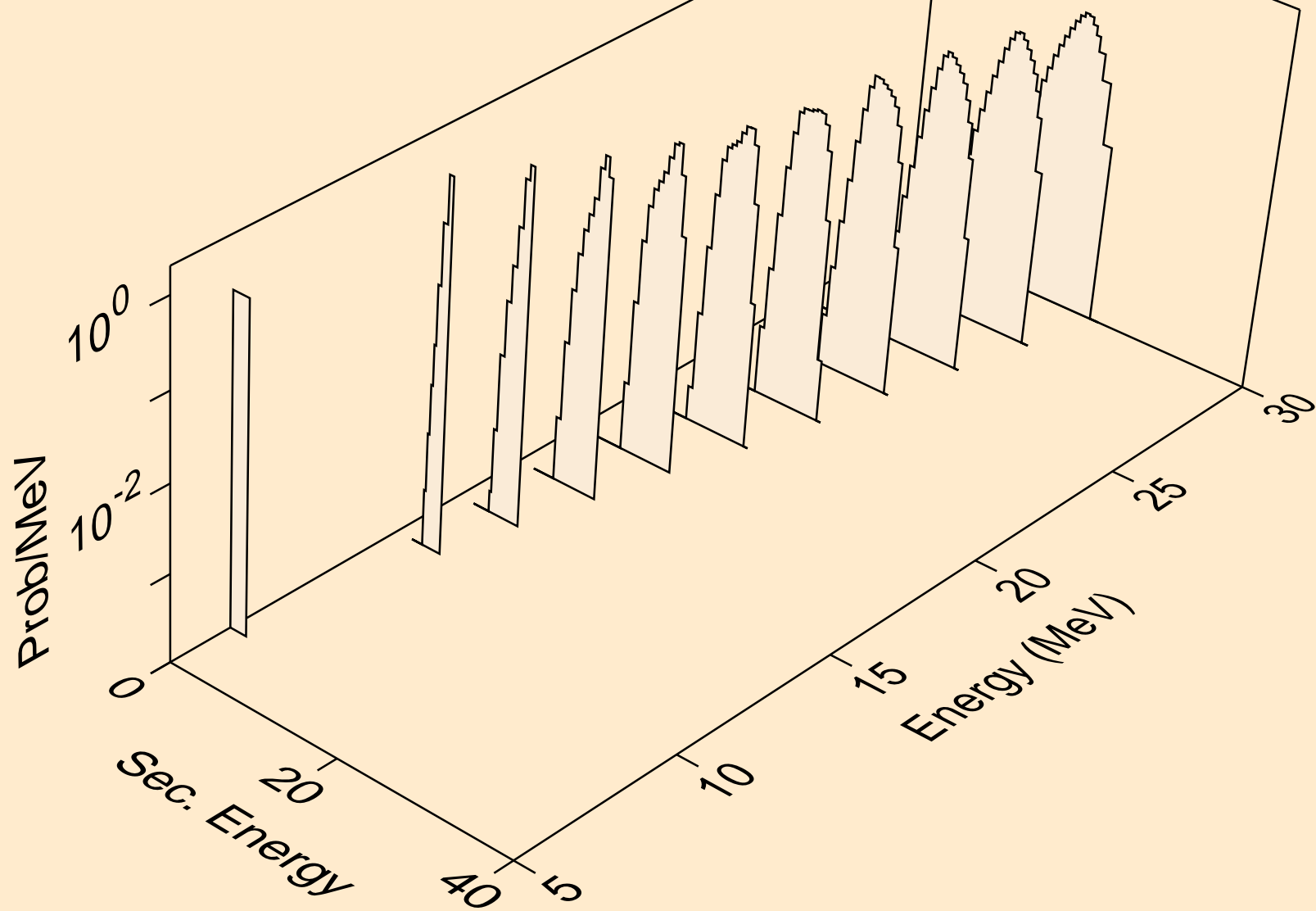
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



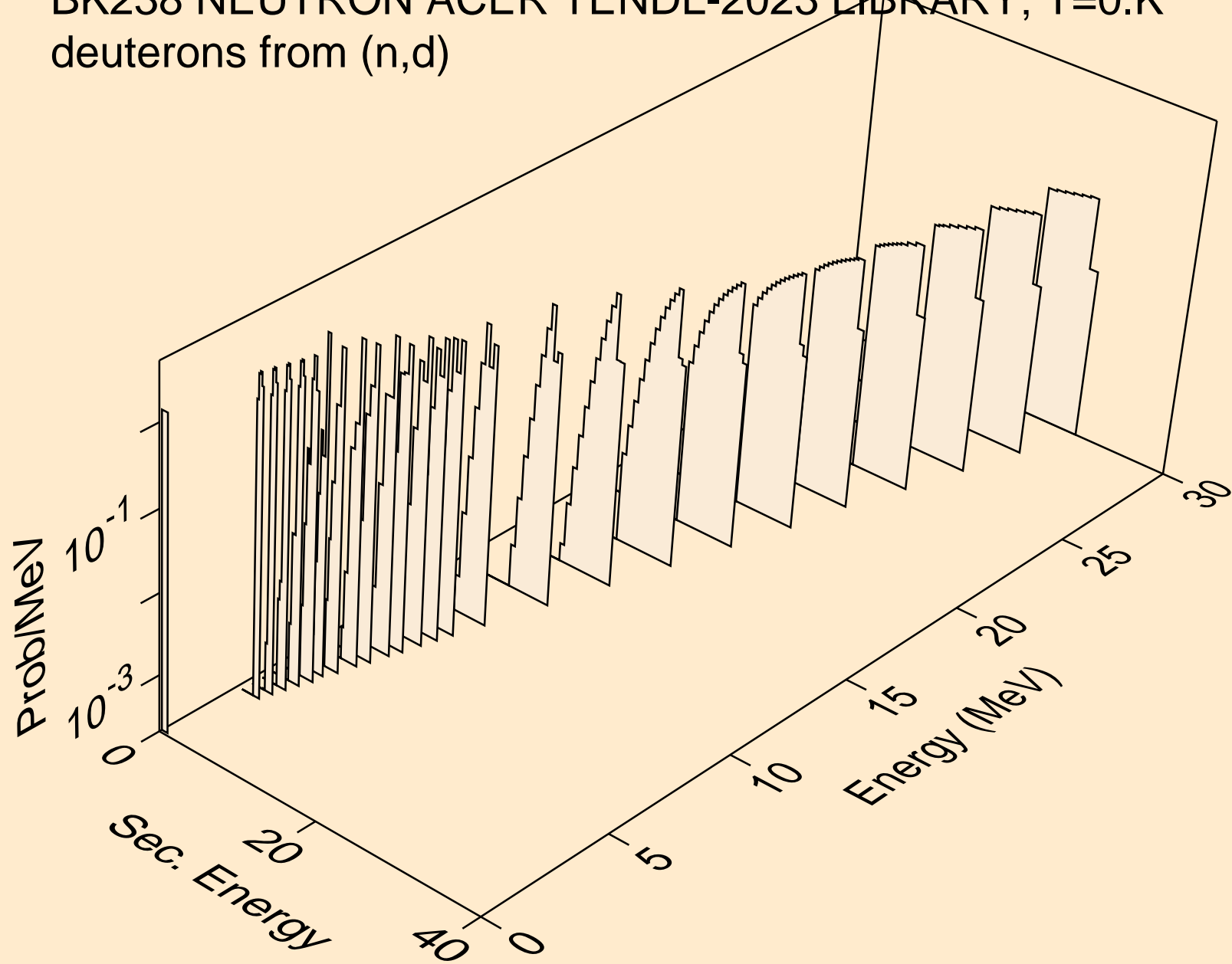
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



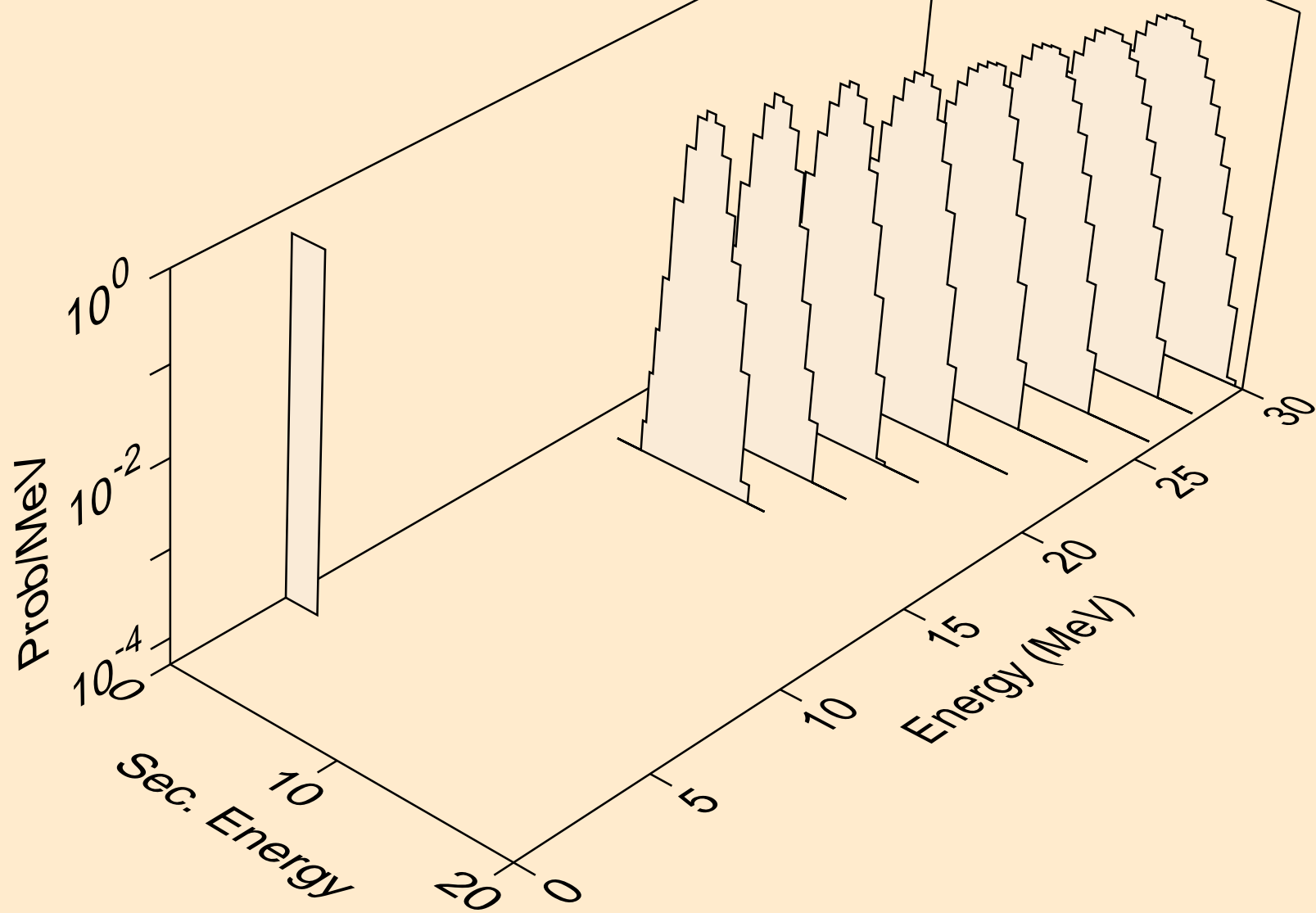
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



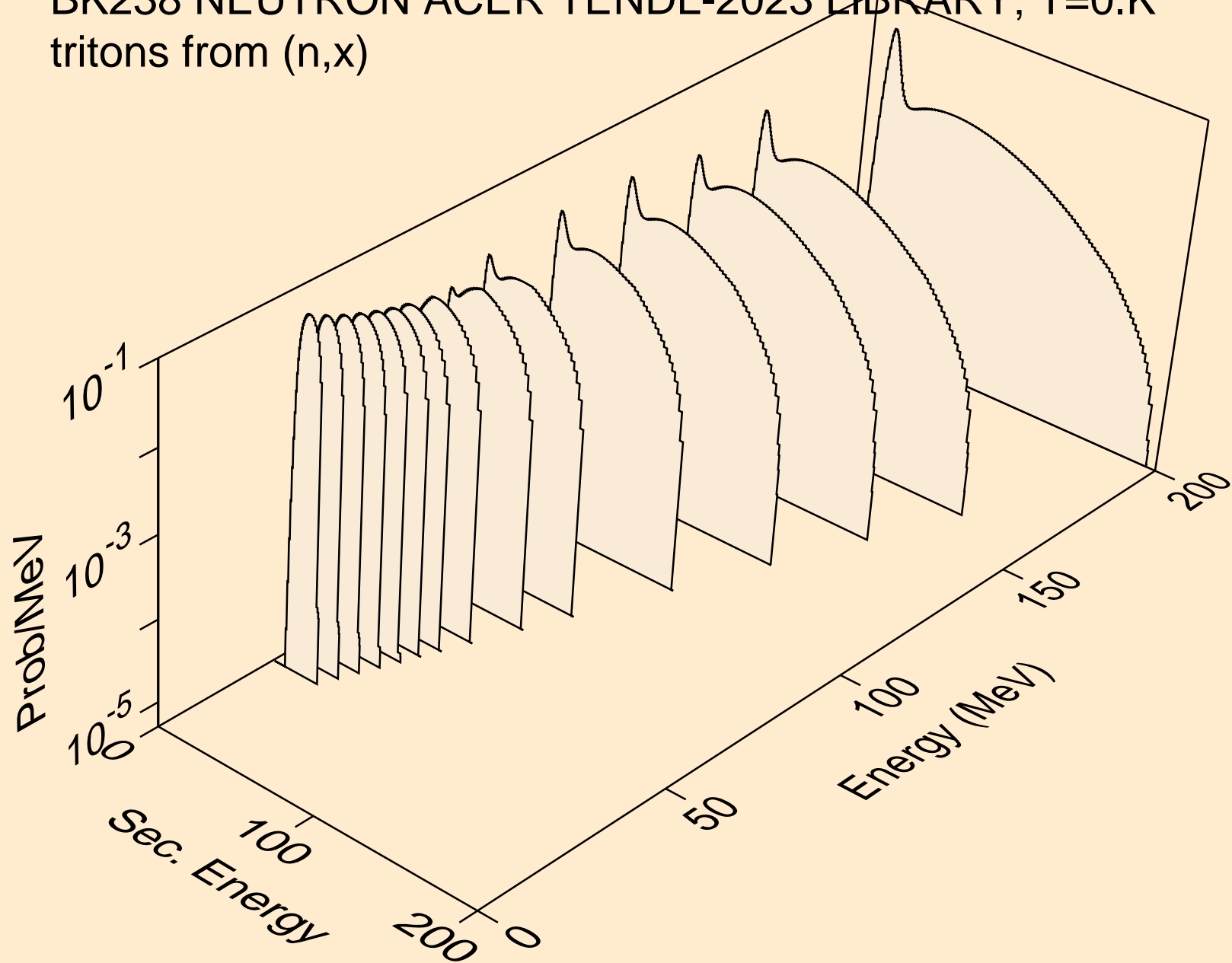
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



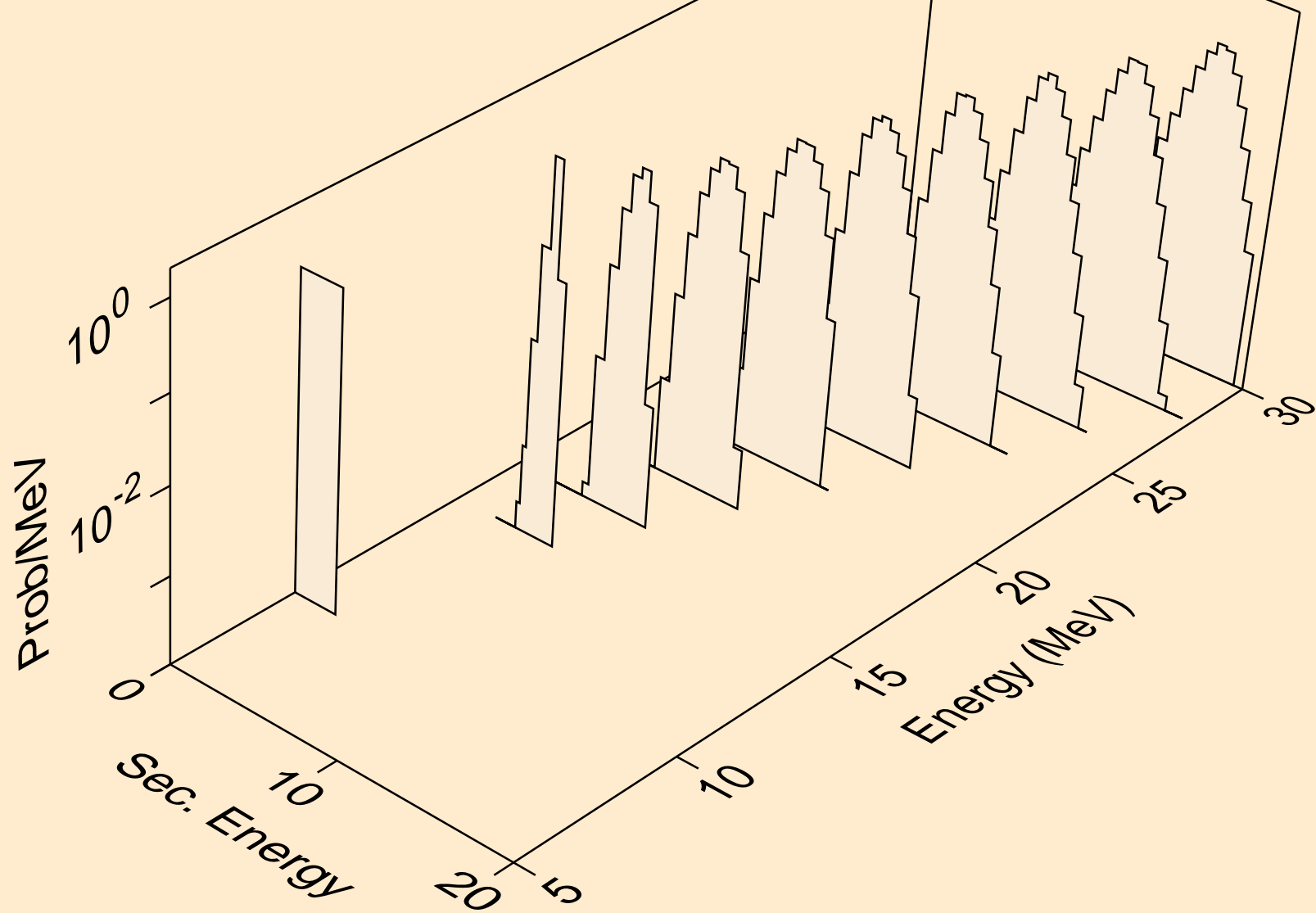
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deuterons from (n,pd)



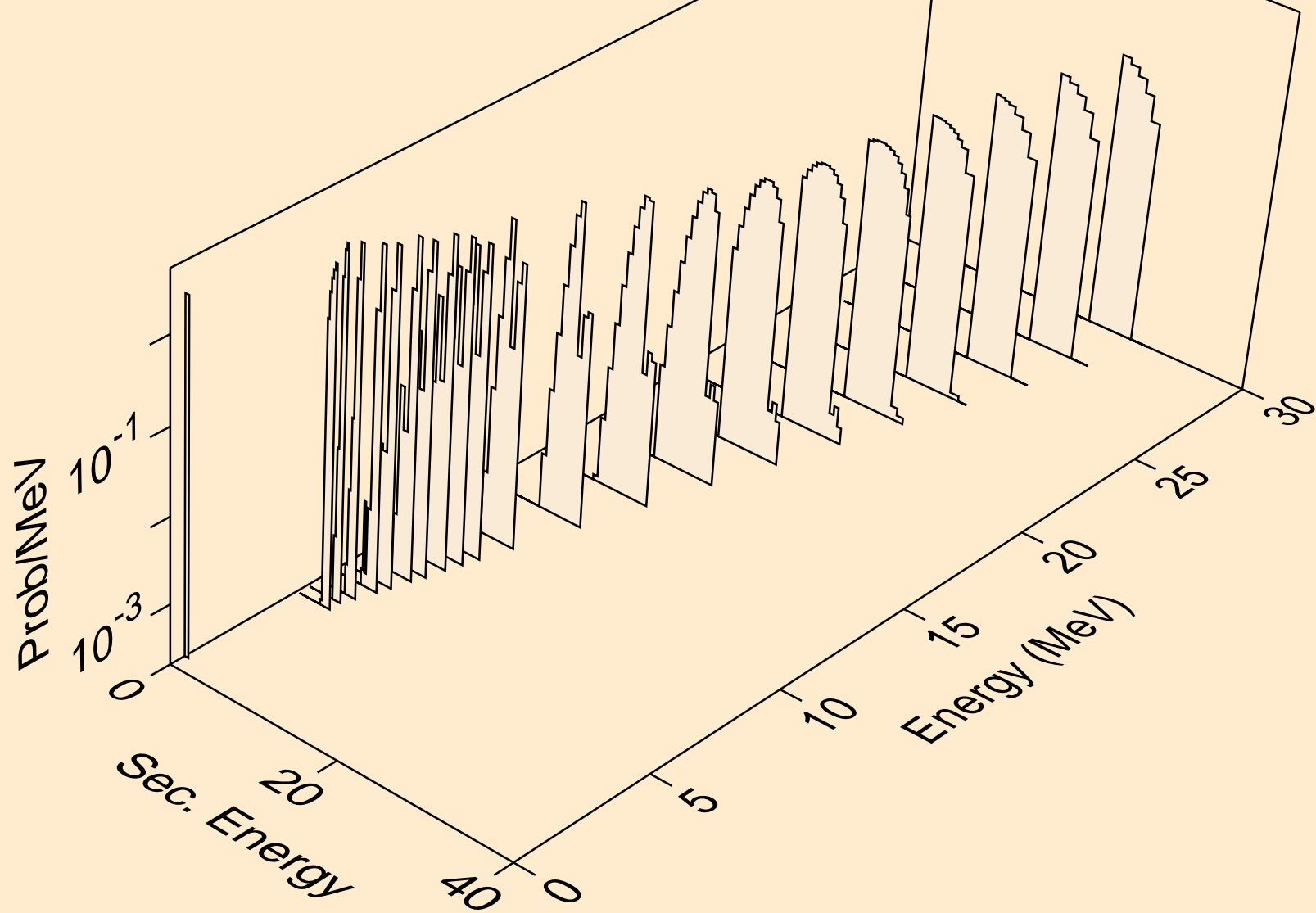
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



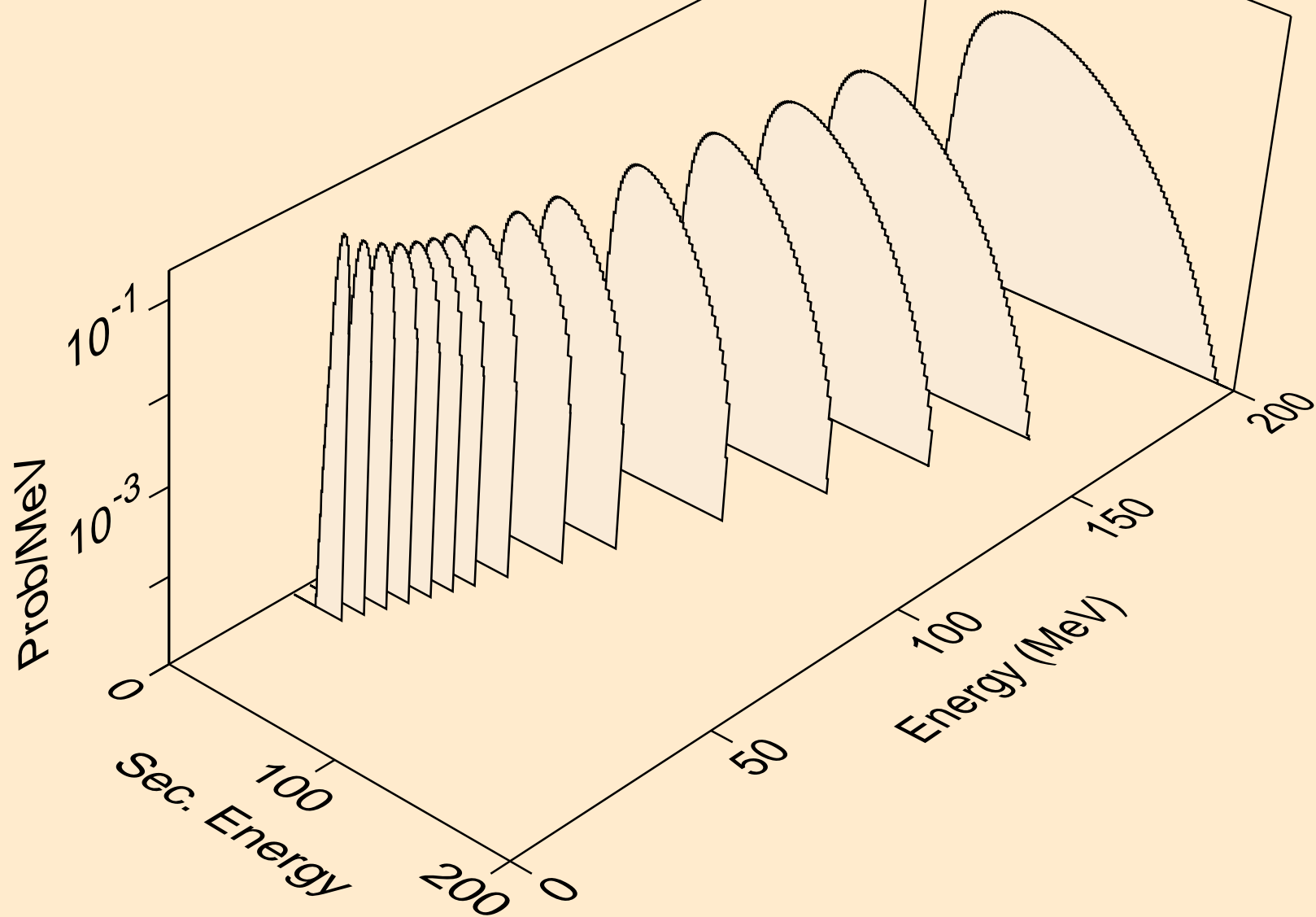
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



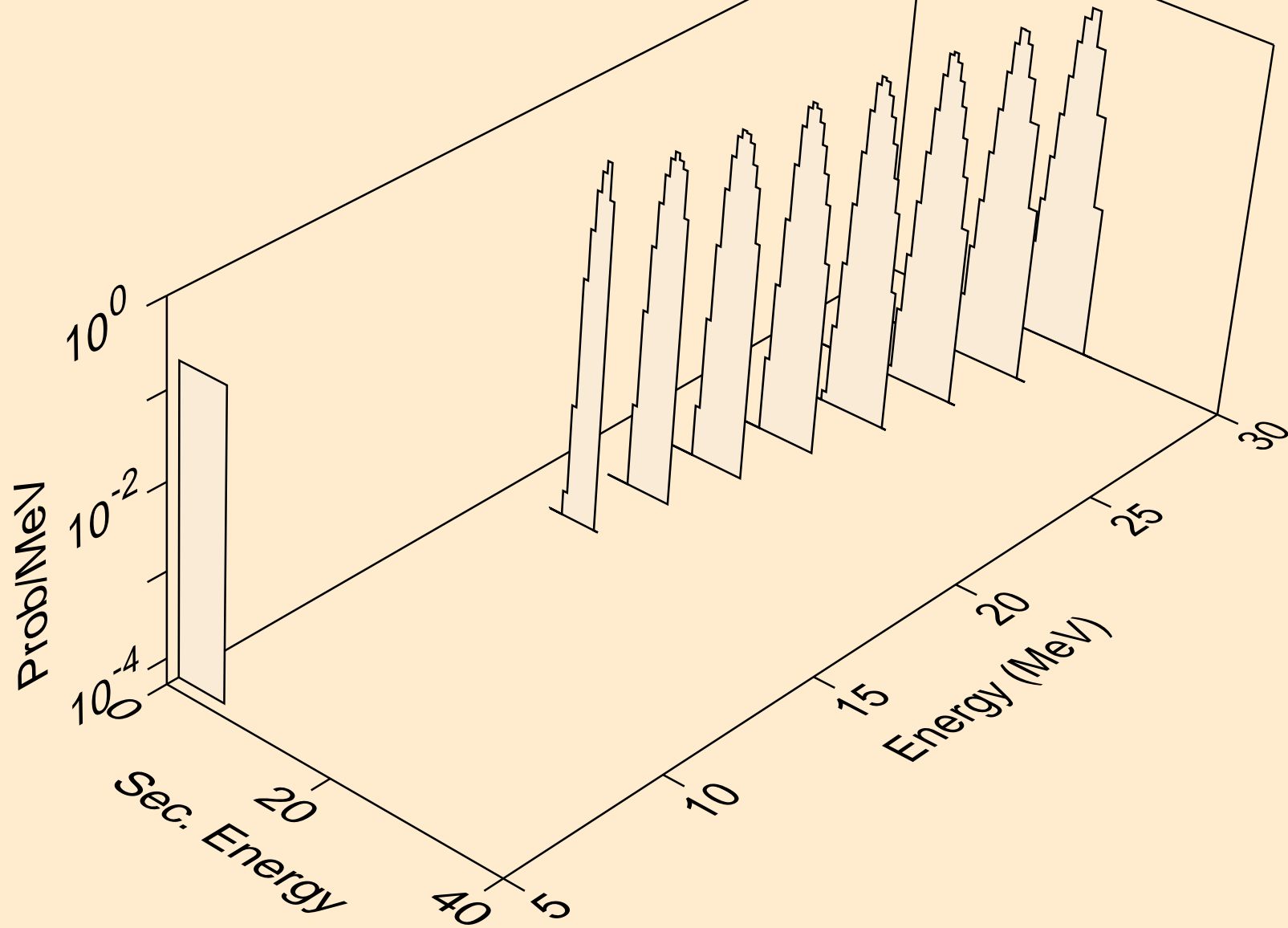
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tritons from (n,t)



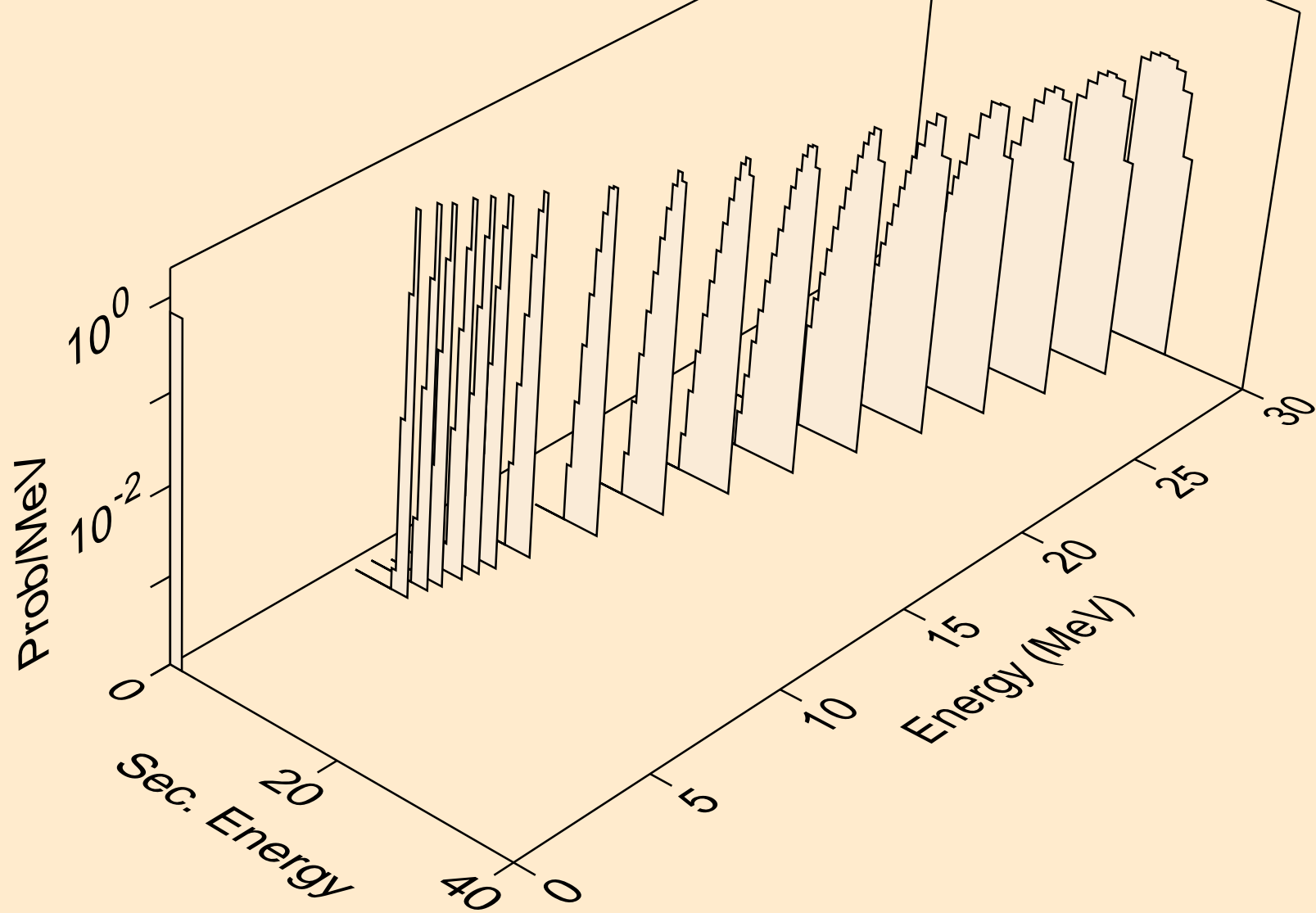
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



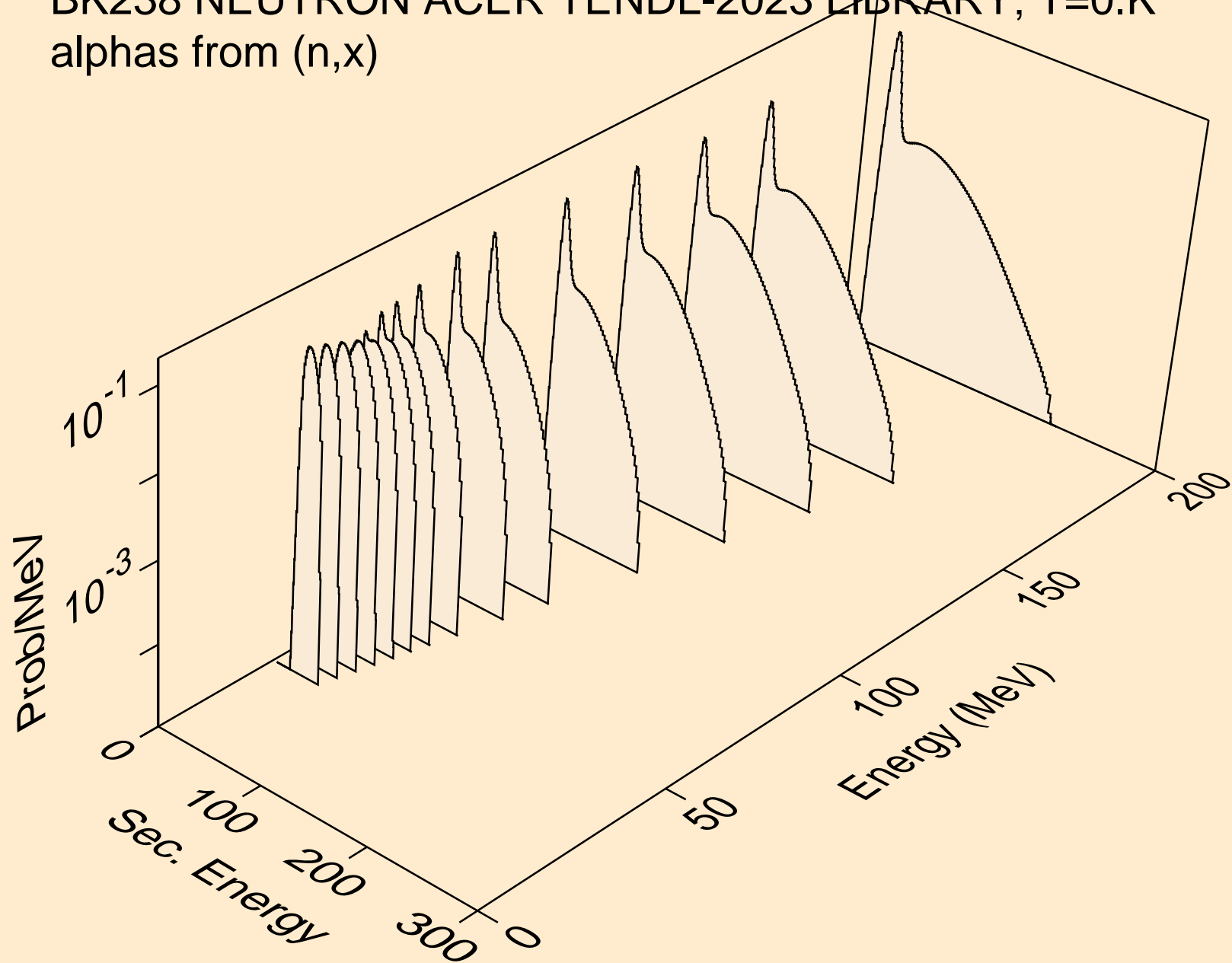
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he3s from (n,n*)he3



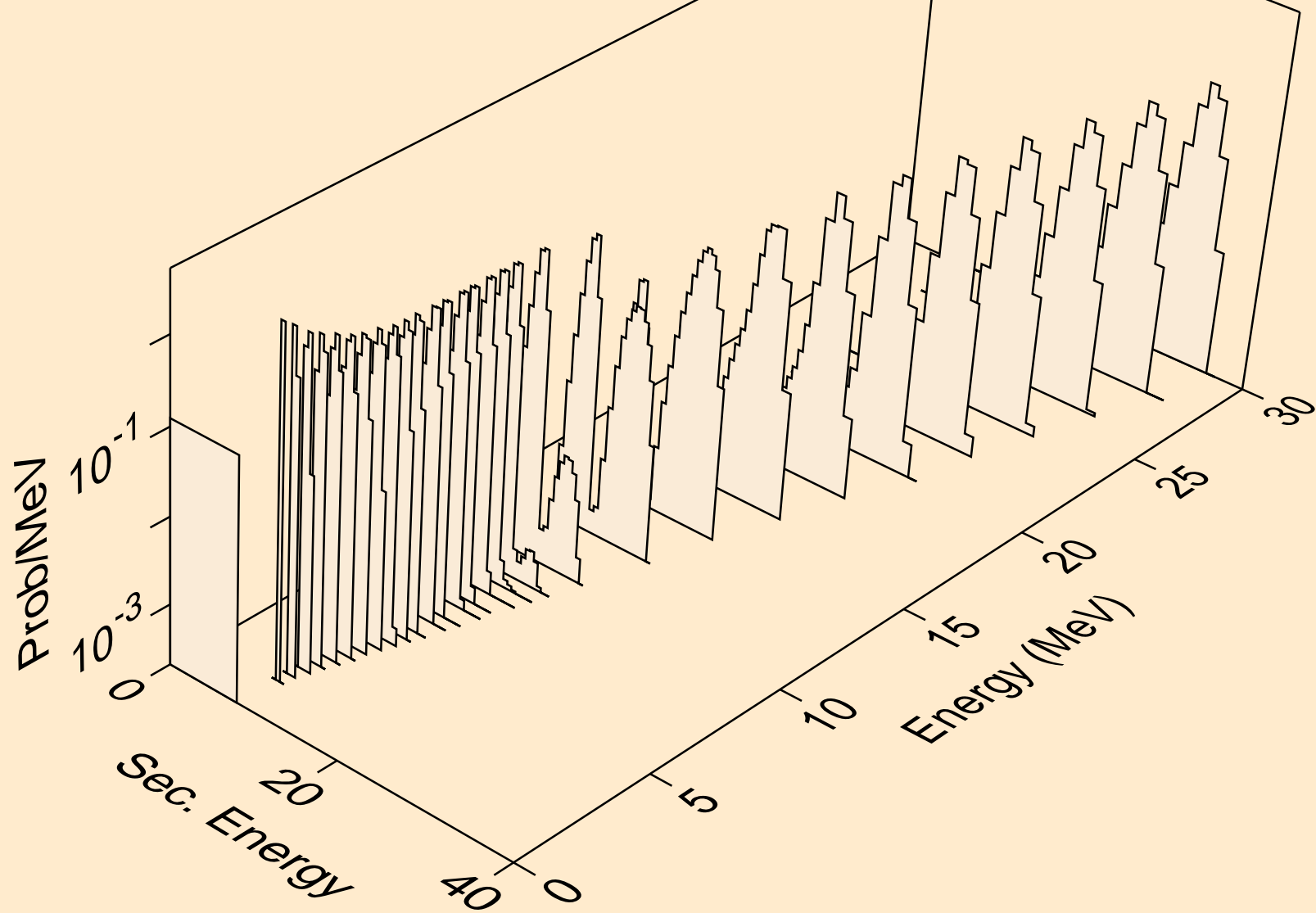
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



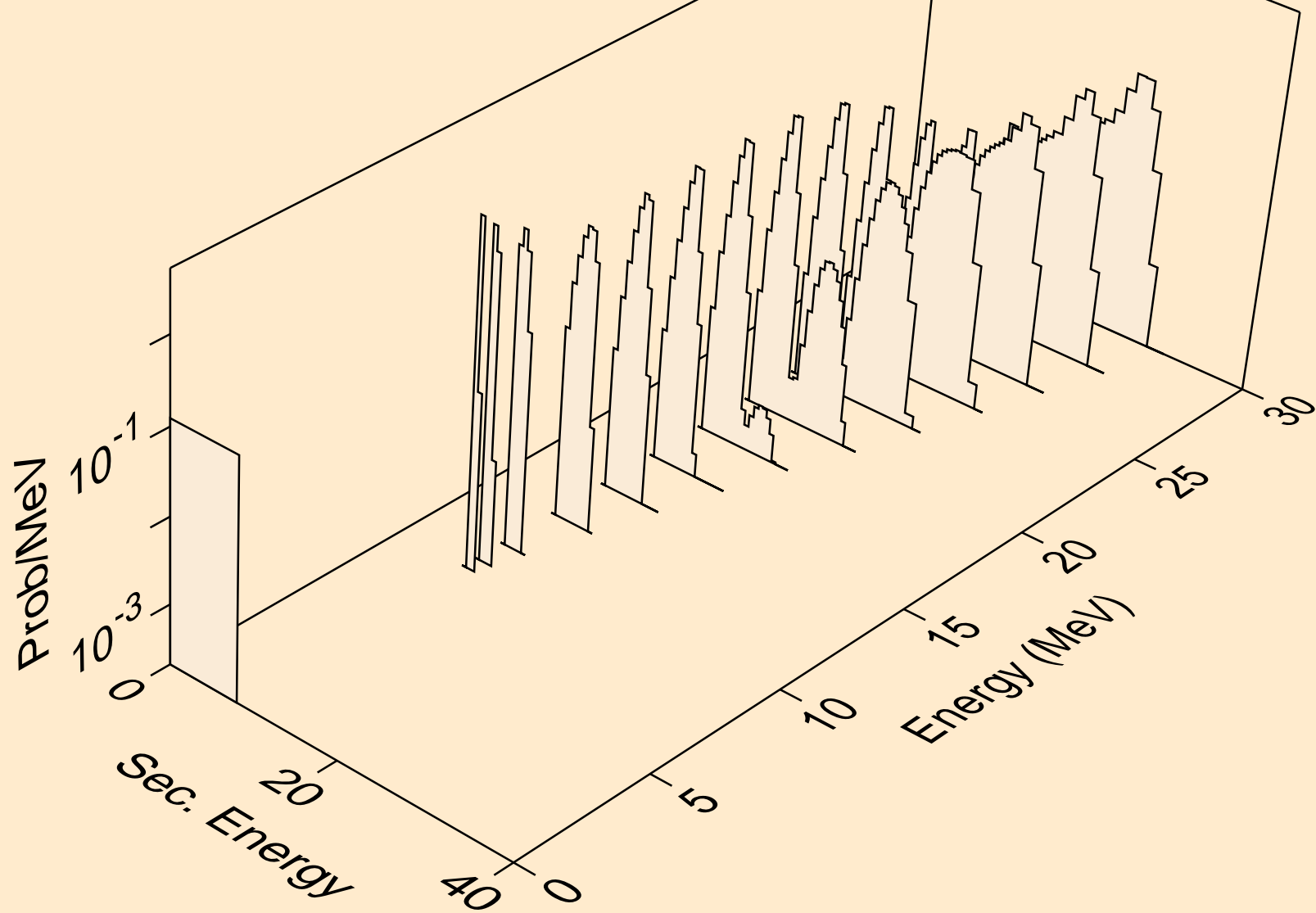
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



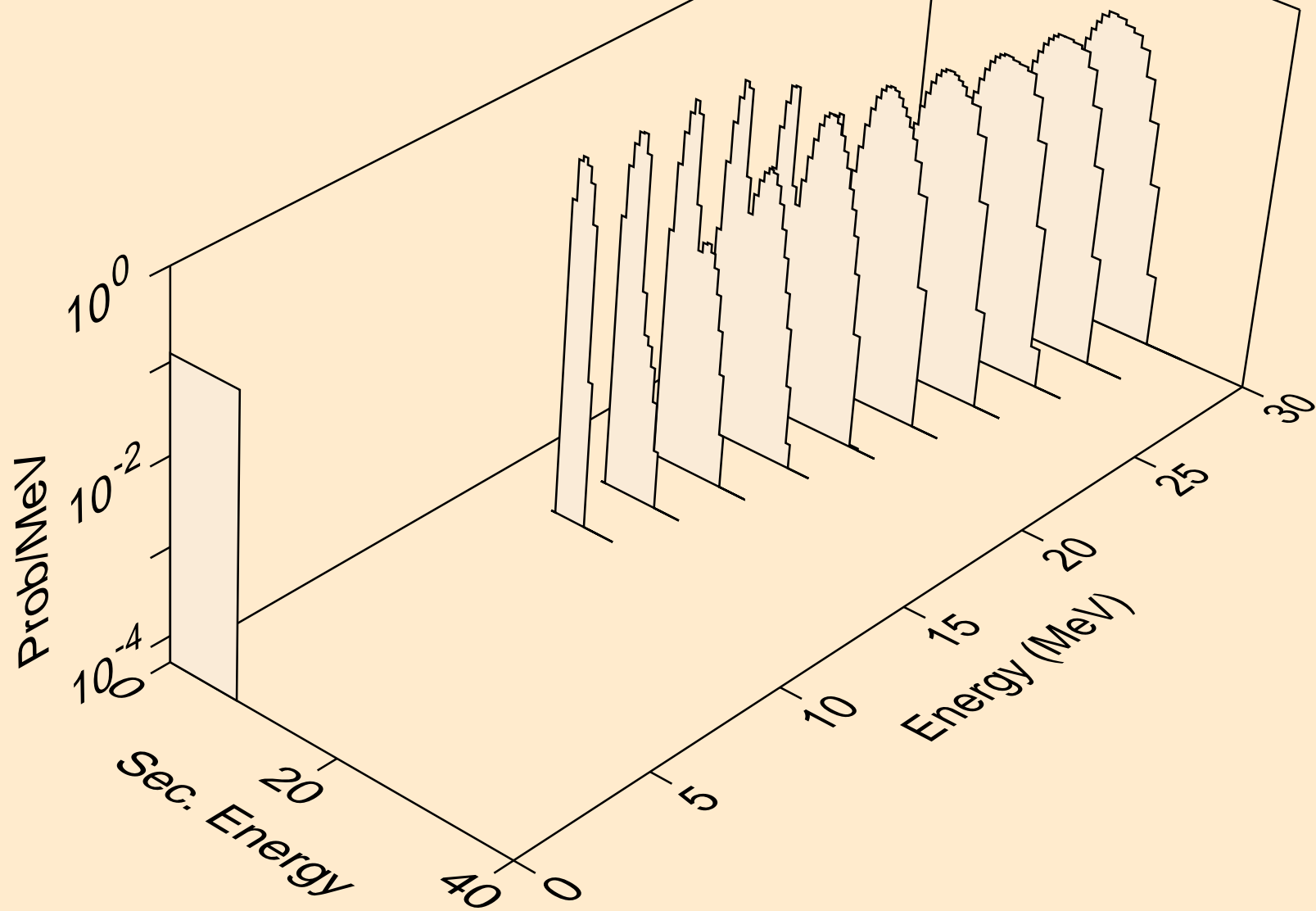
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



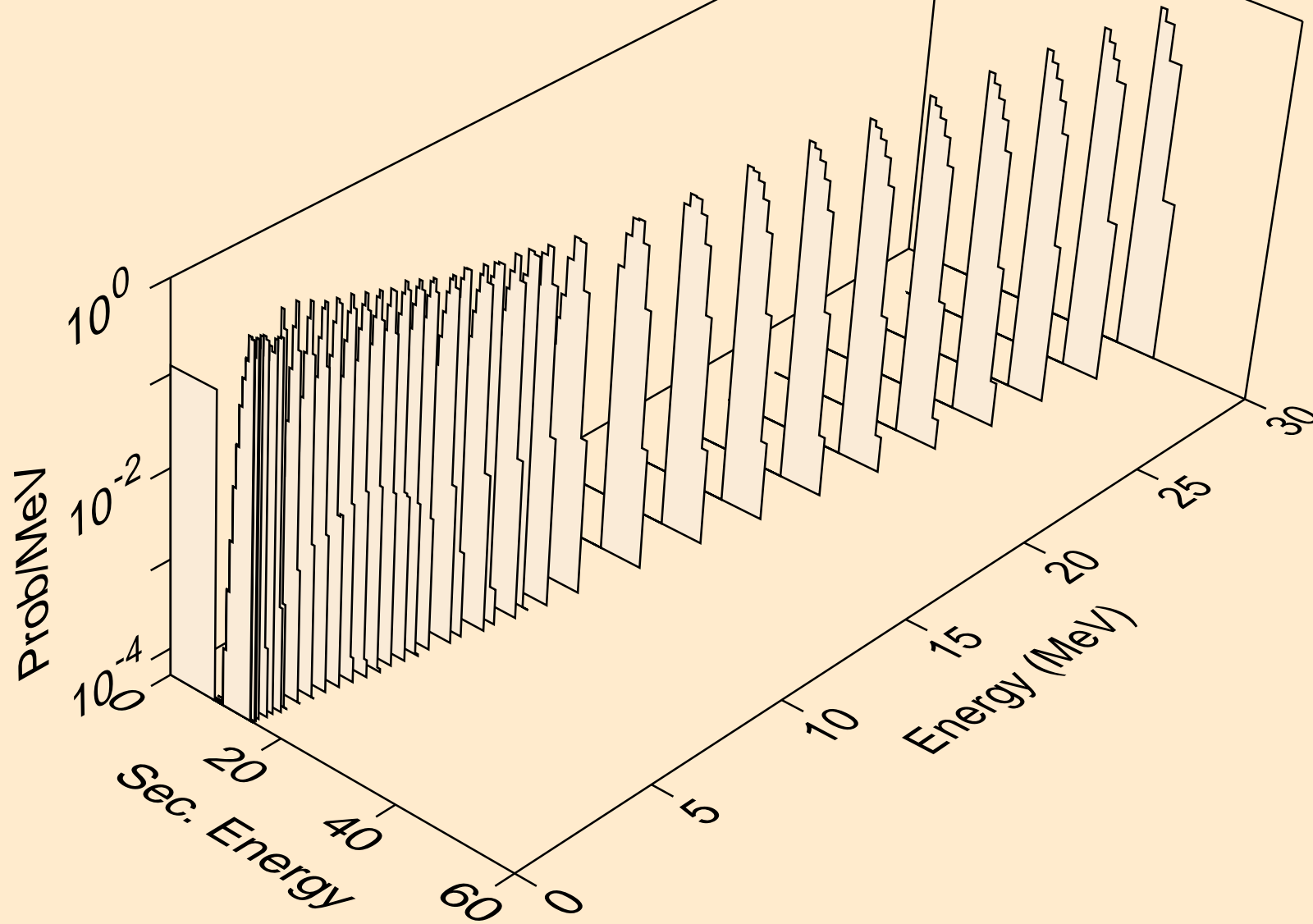
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alphas from (n,2n)a



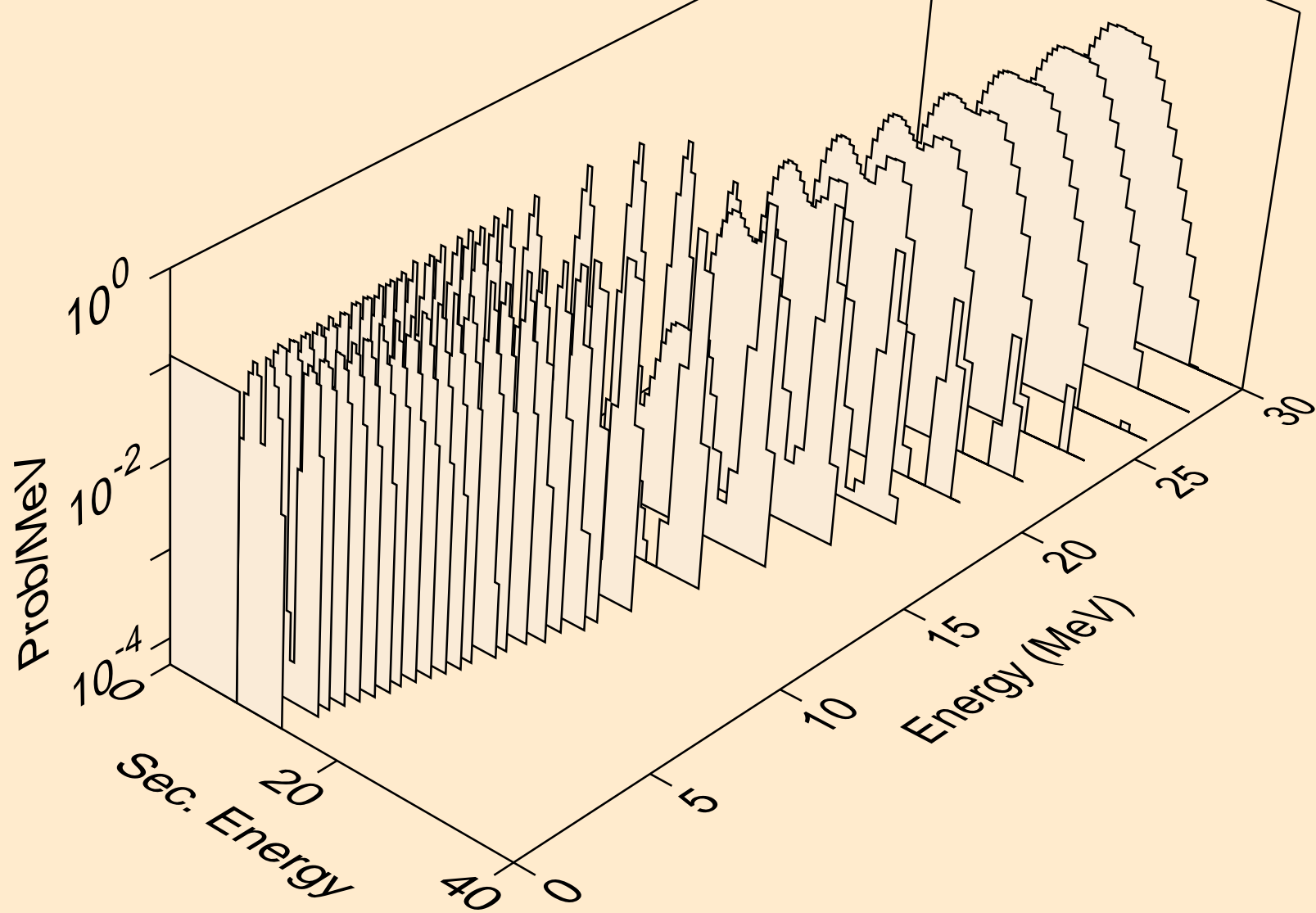
BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



BK238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

