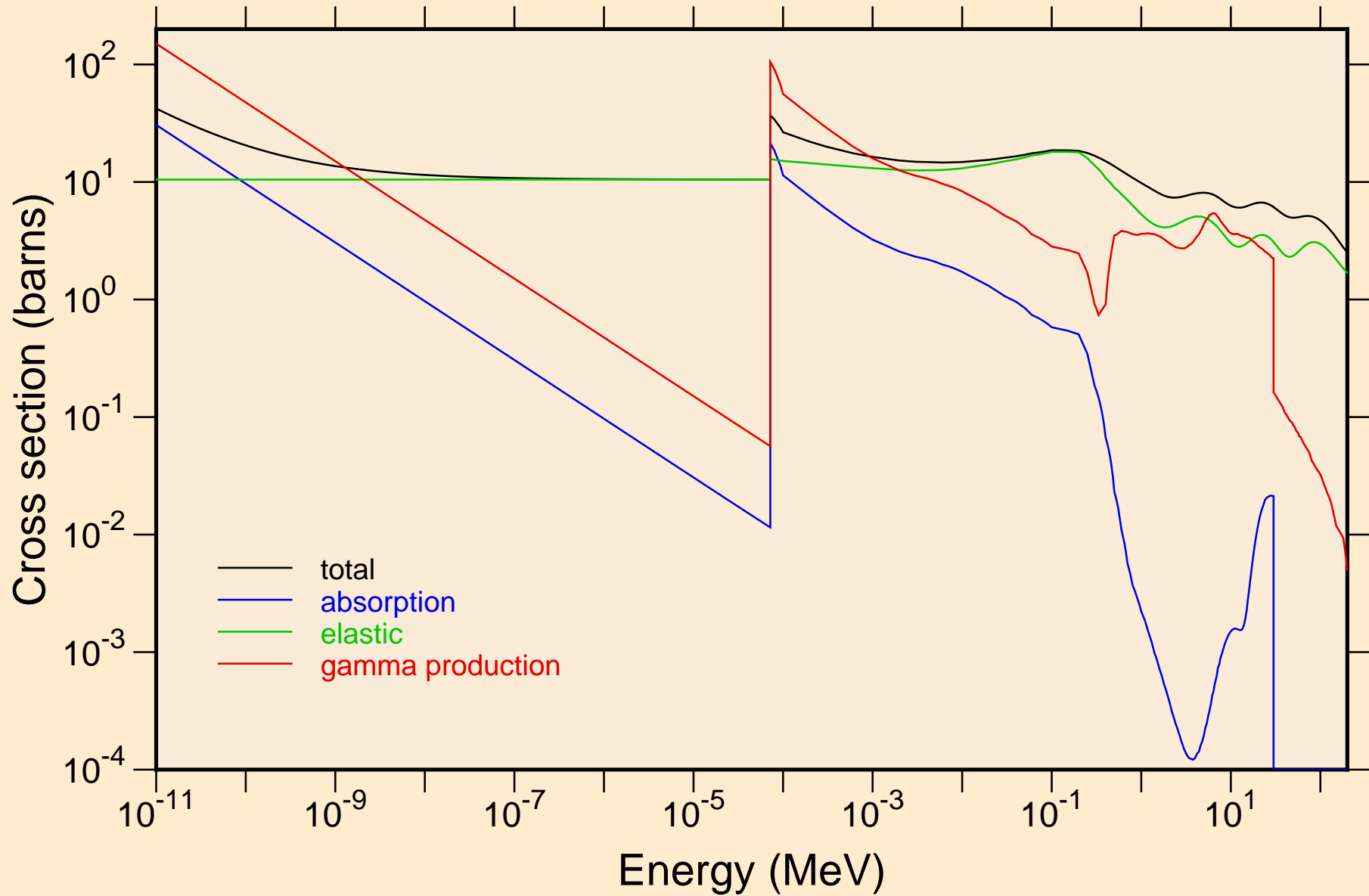
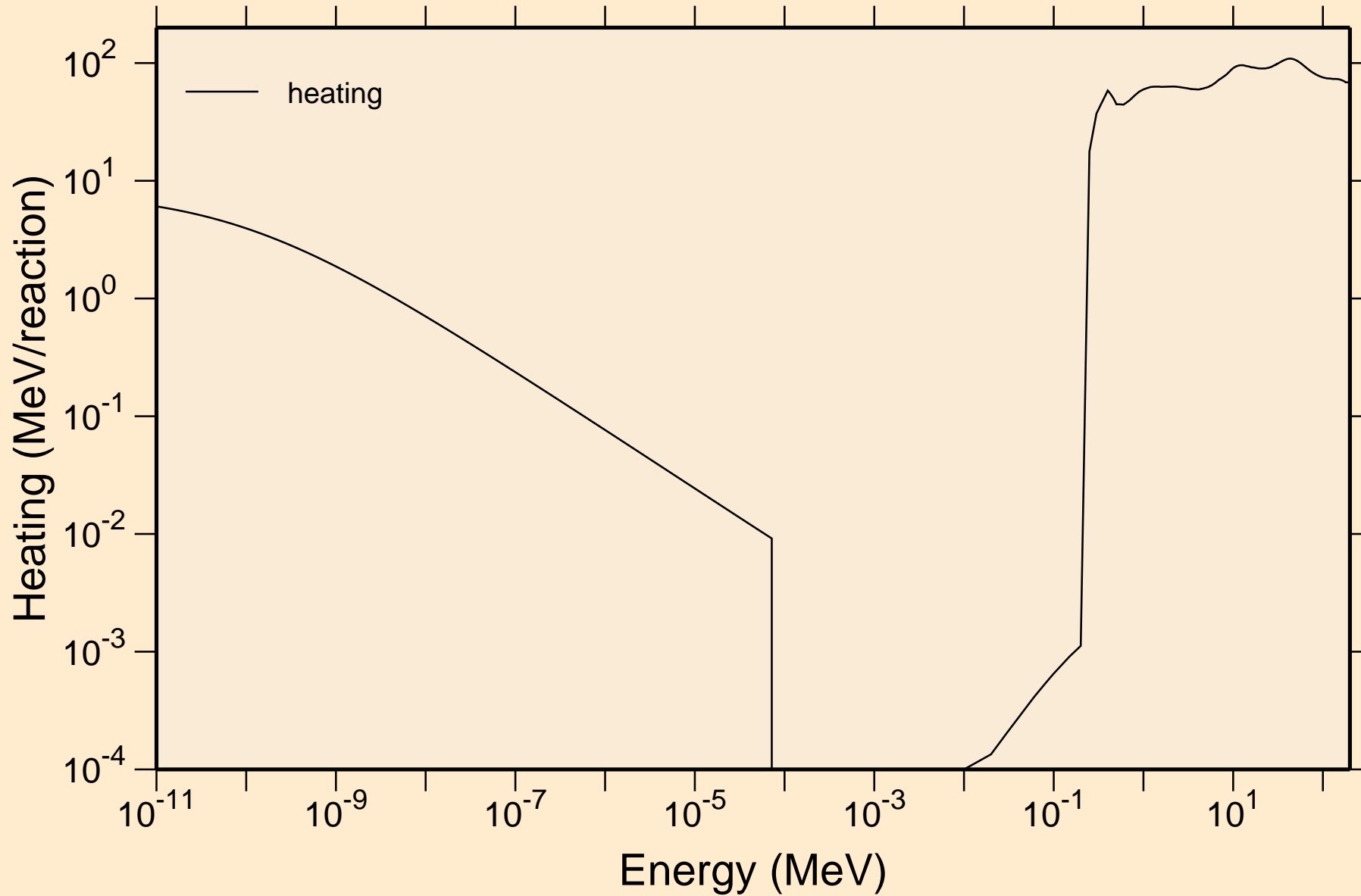


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

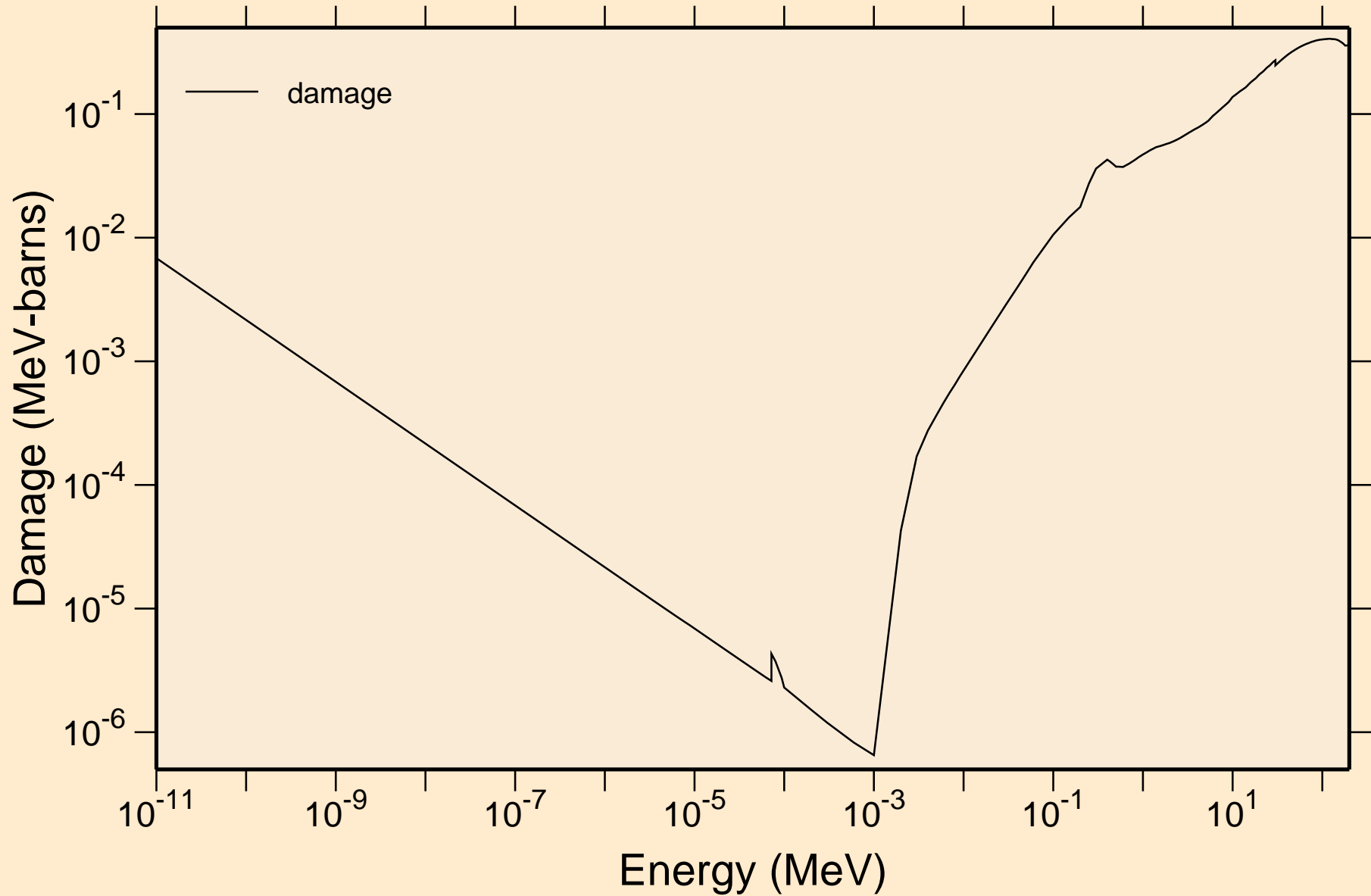


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



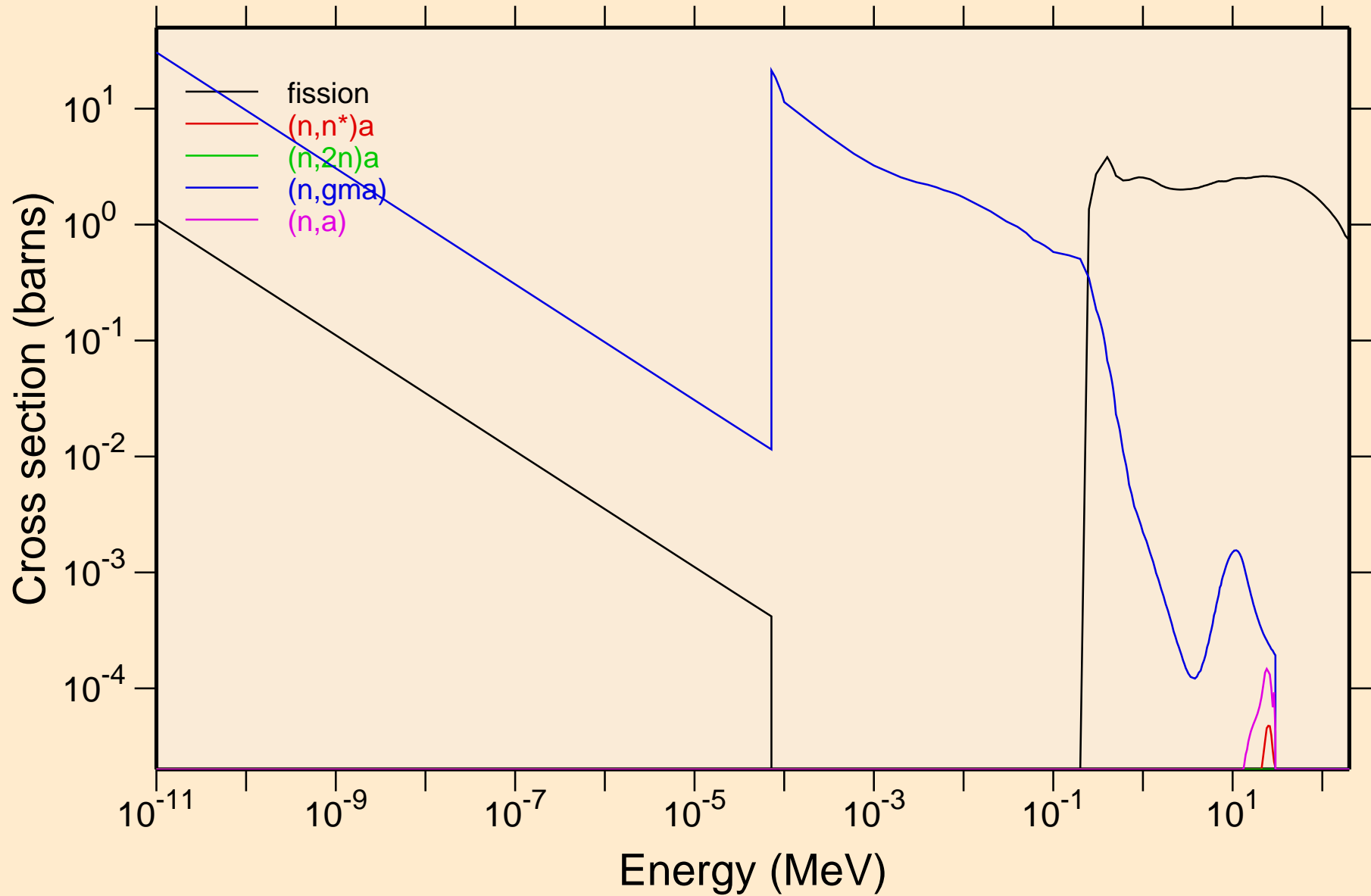
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

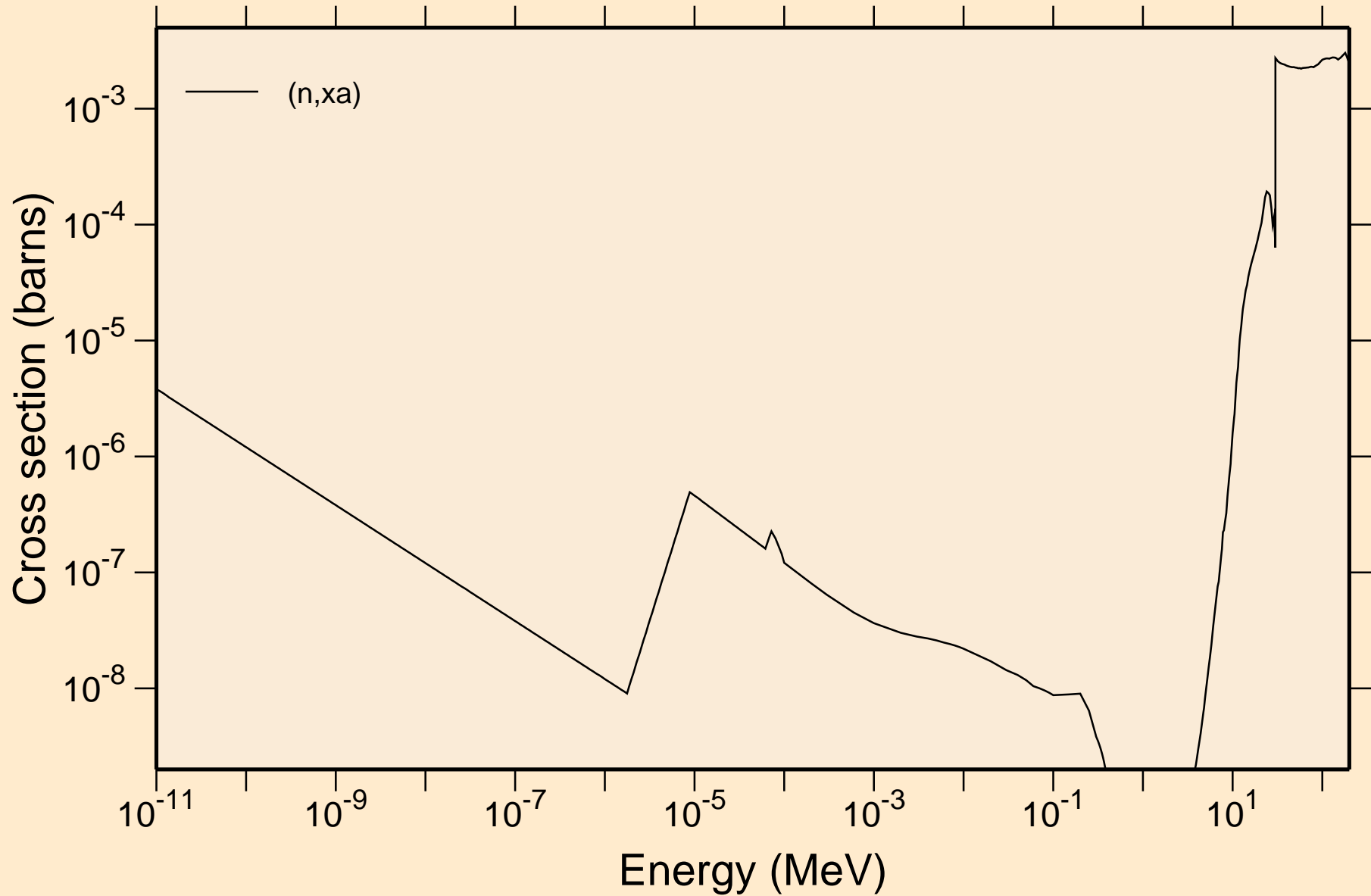


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

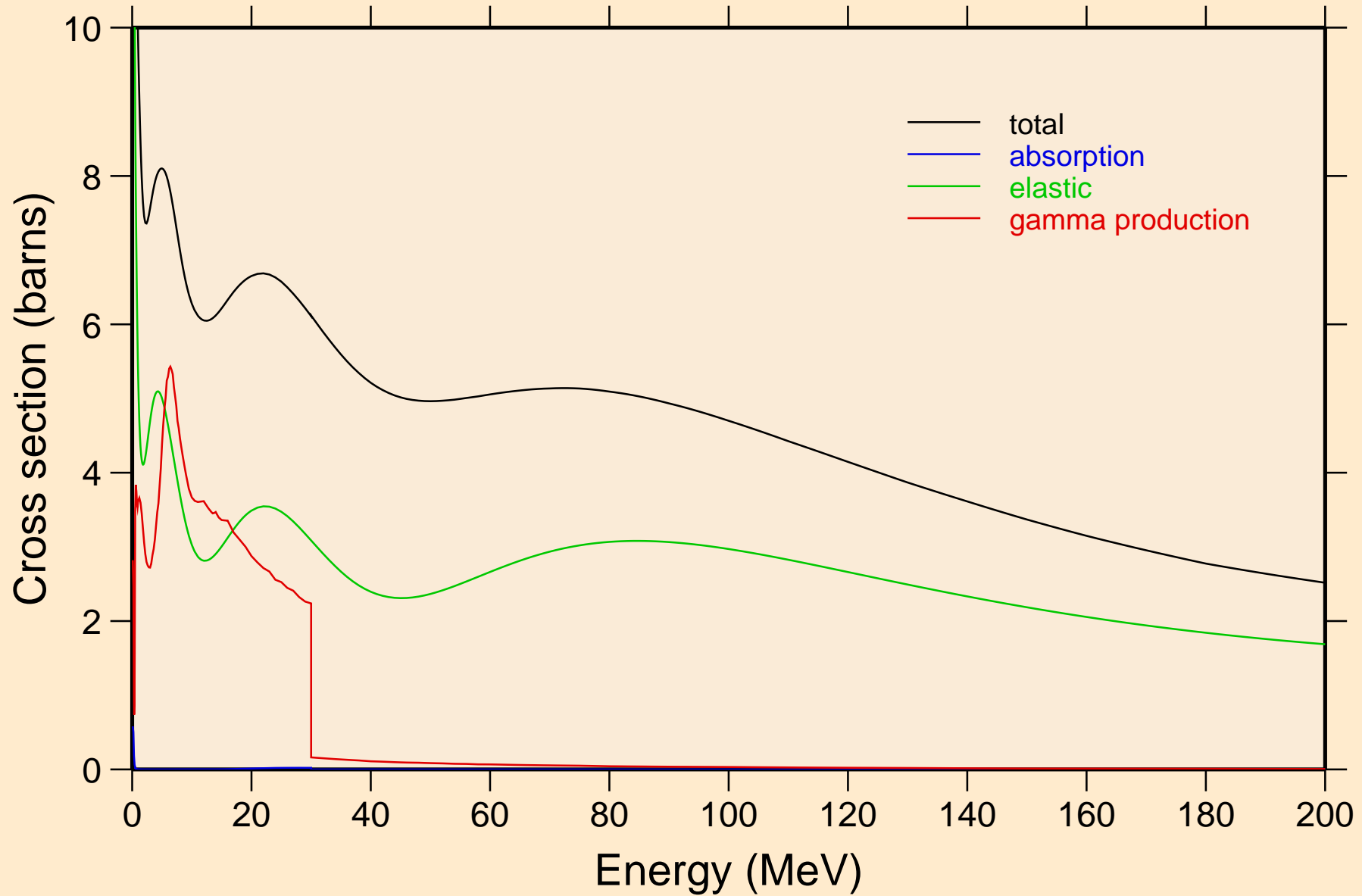


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



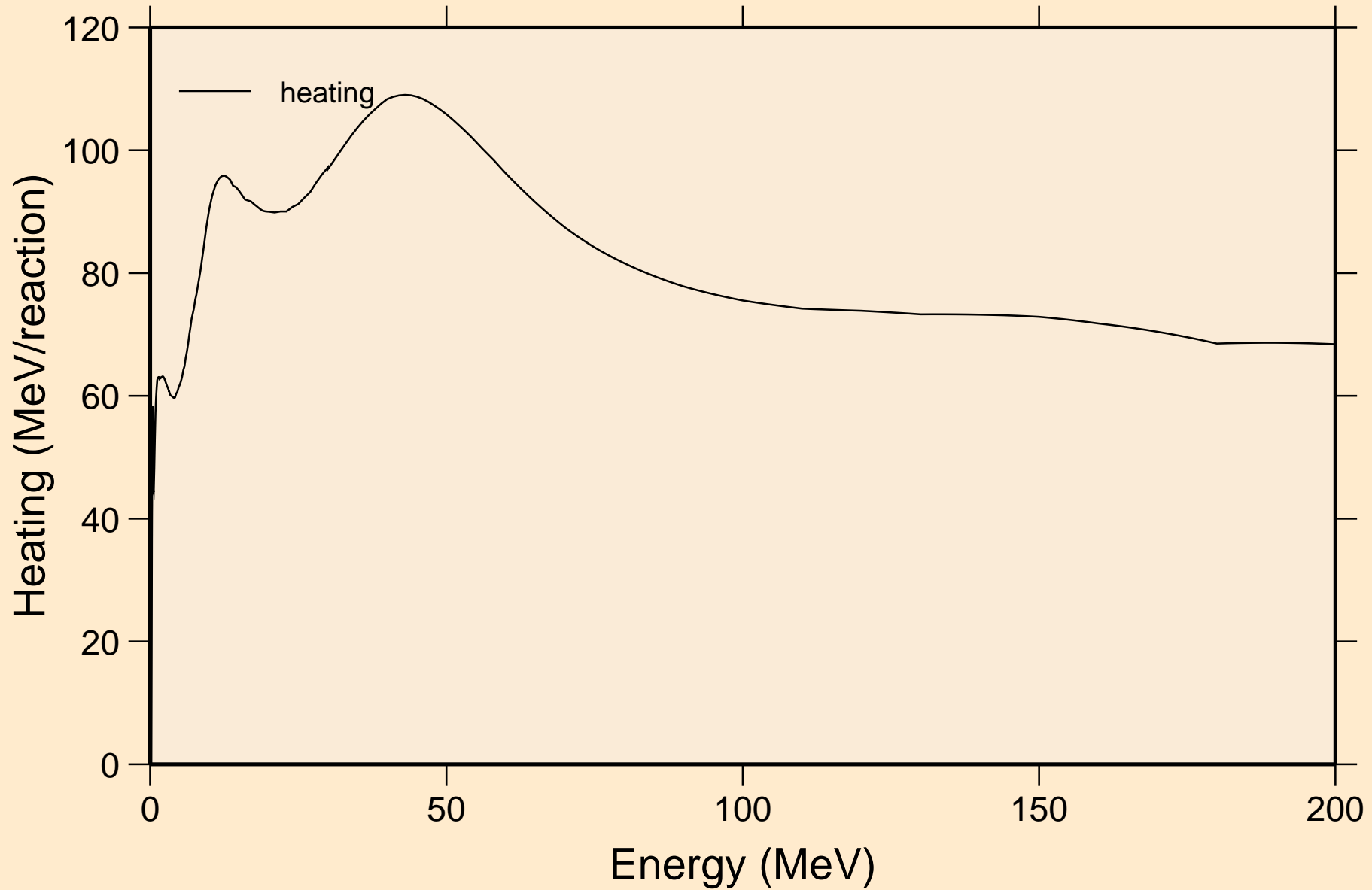
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



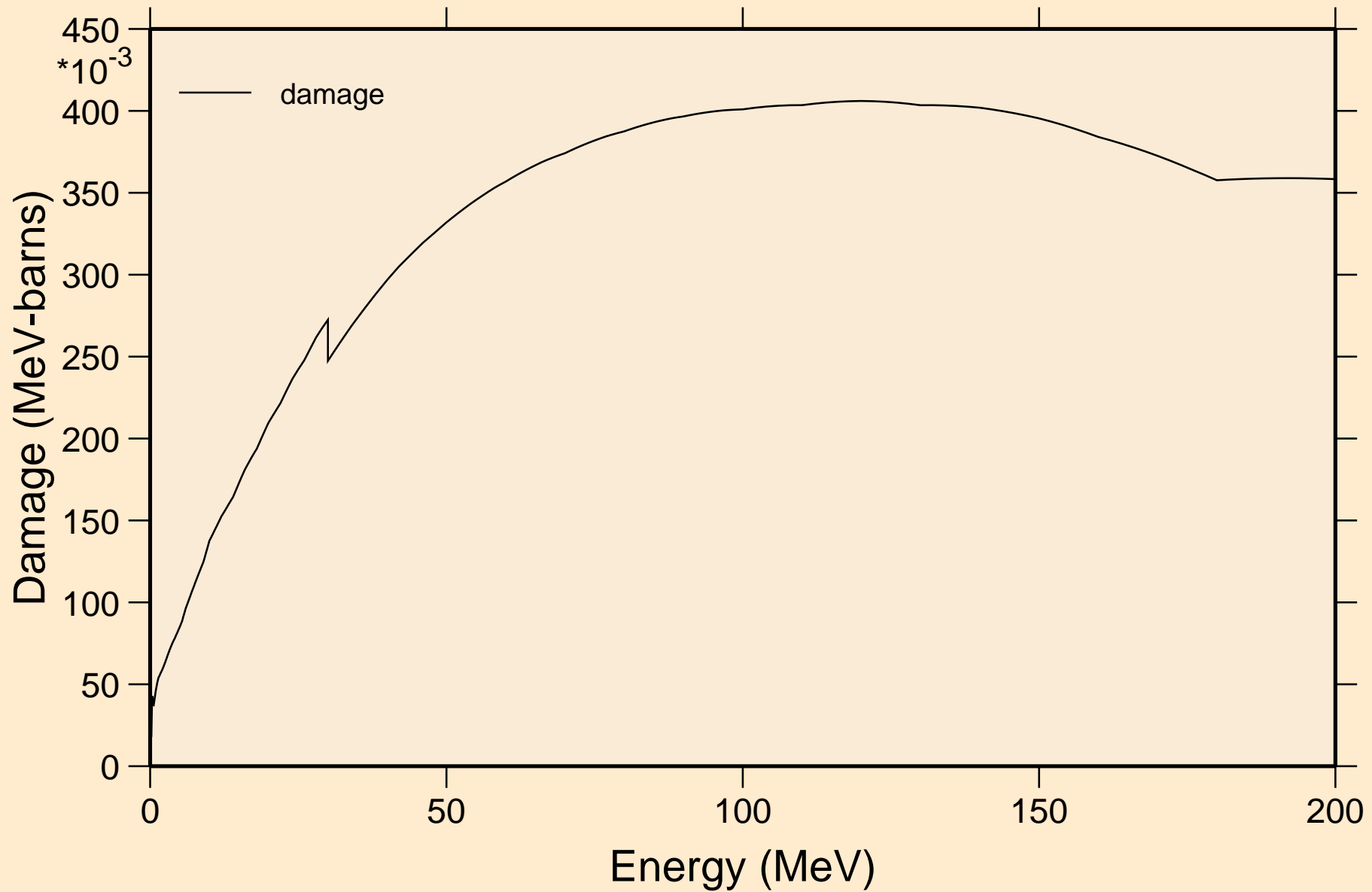
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



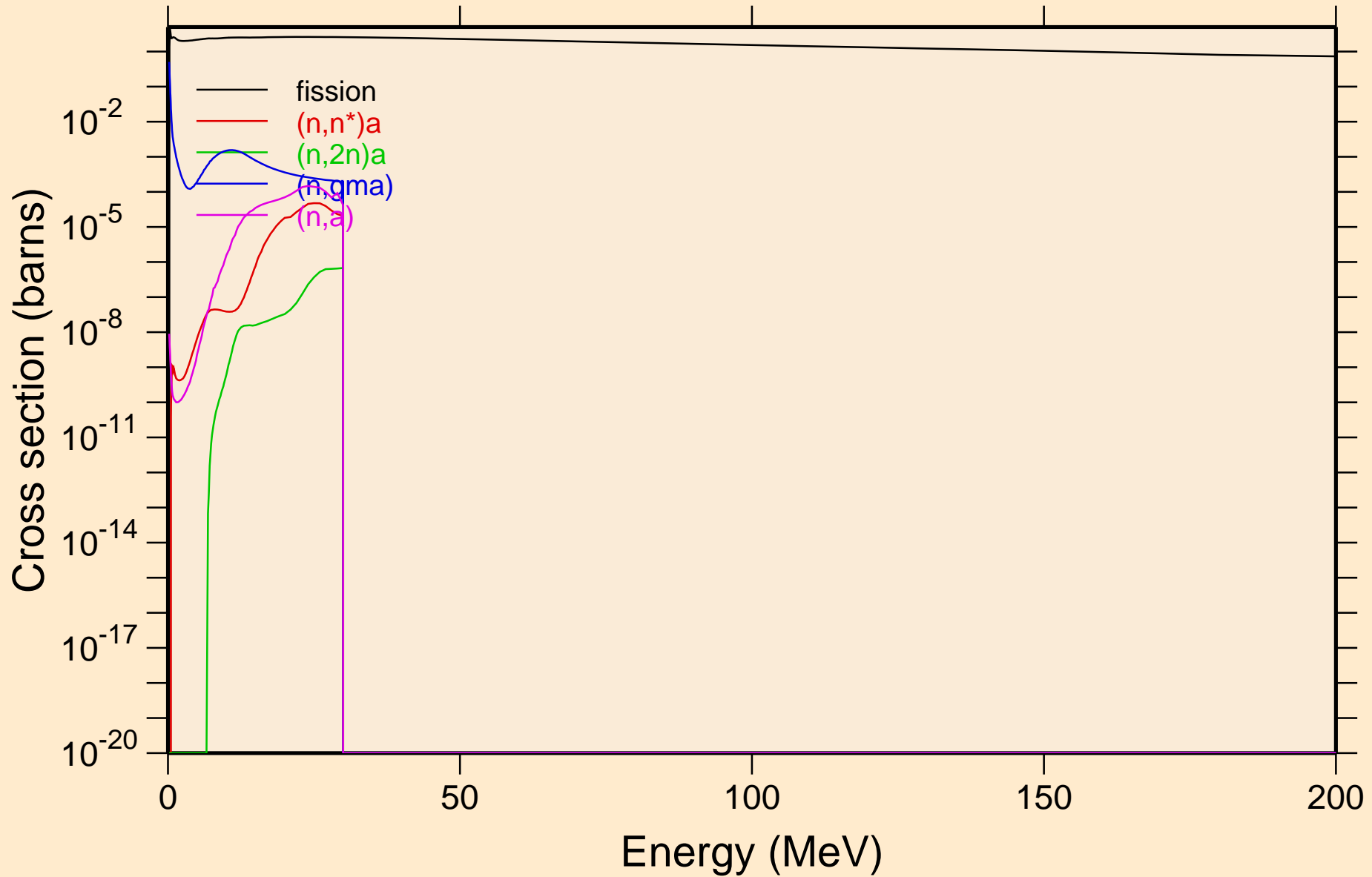
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

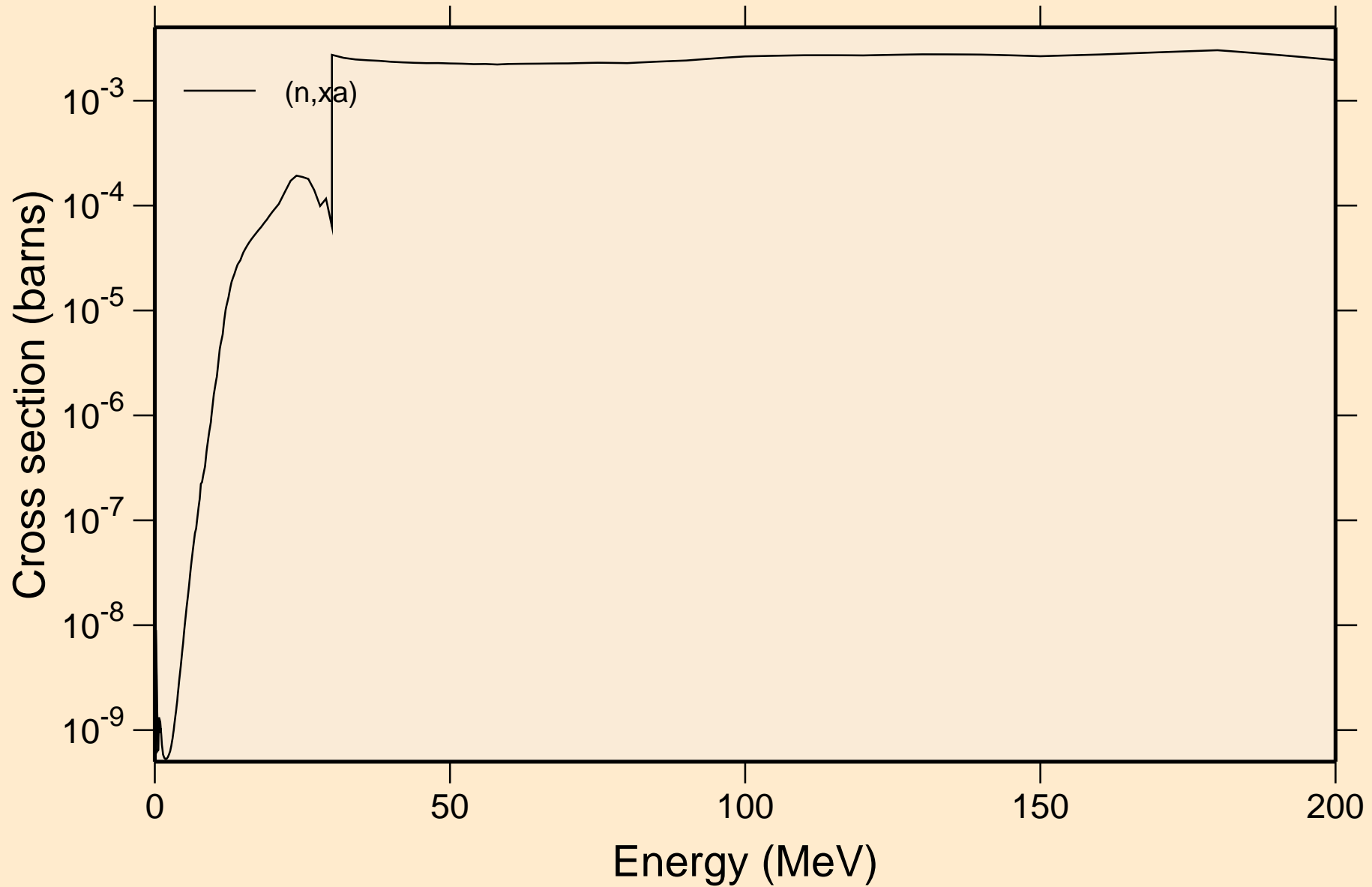


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

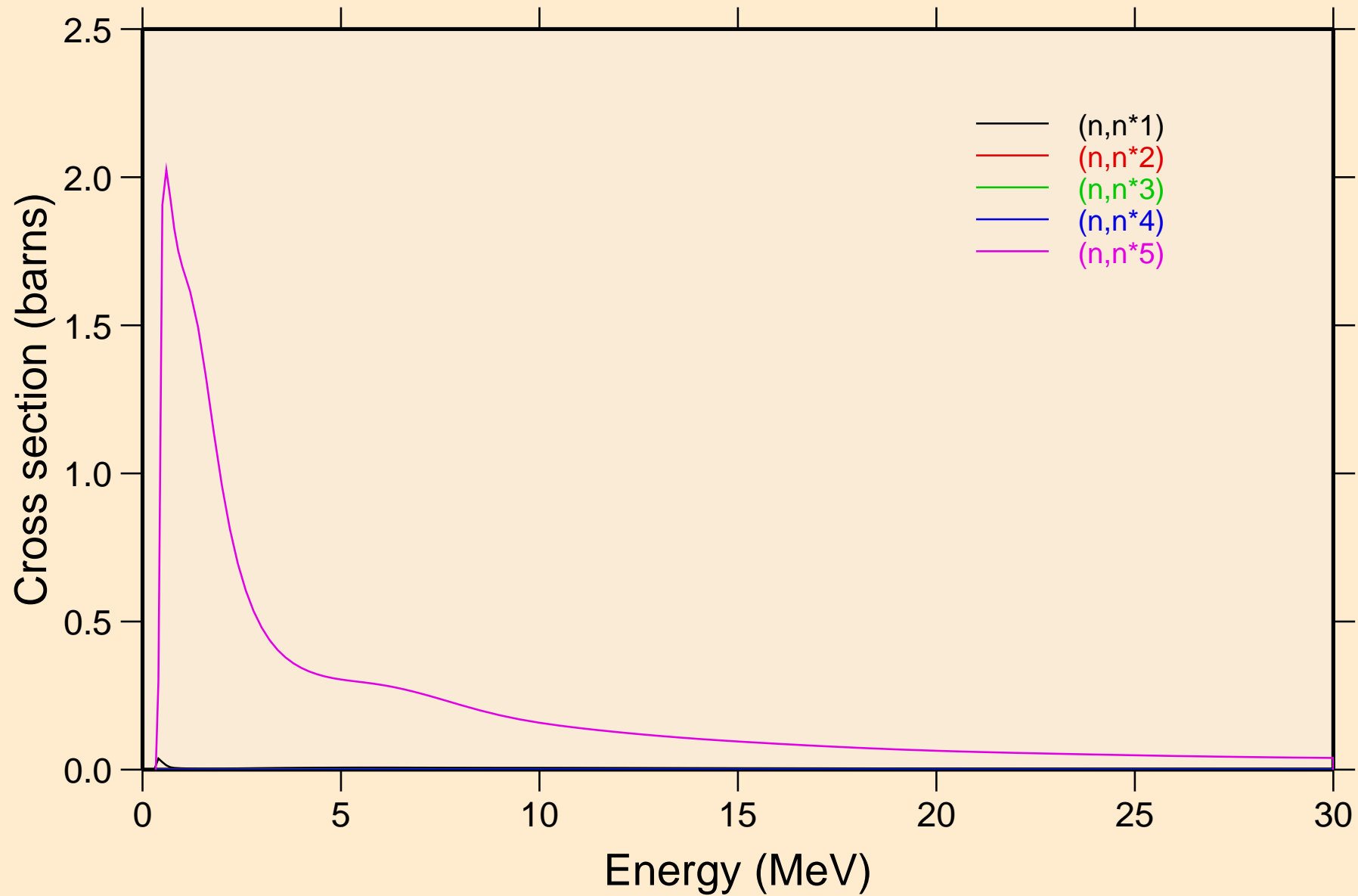


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



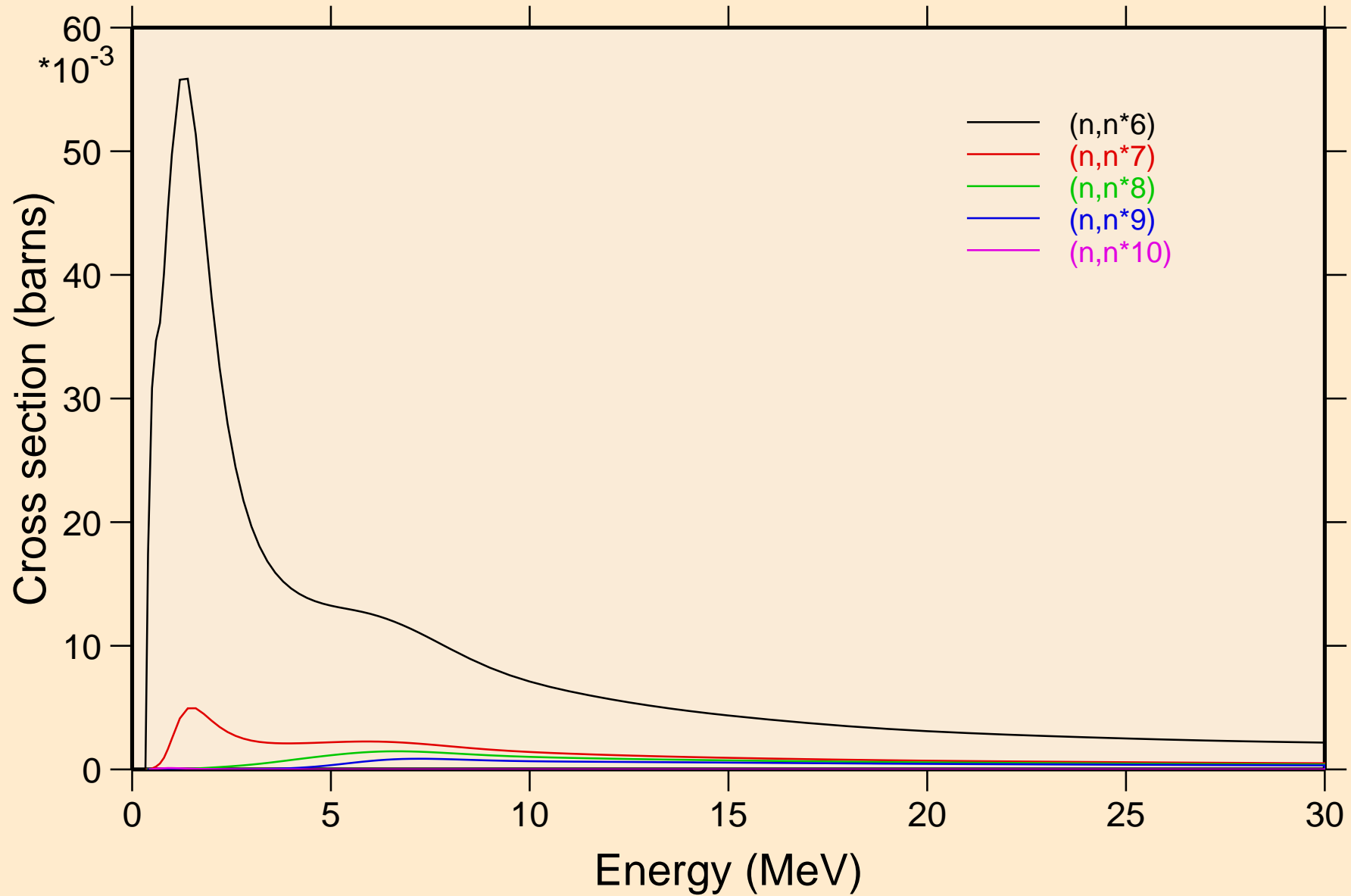
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



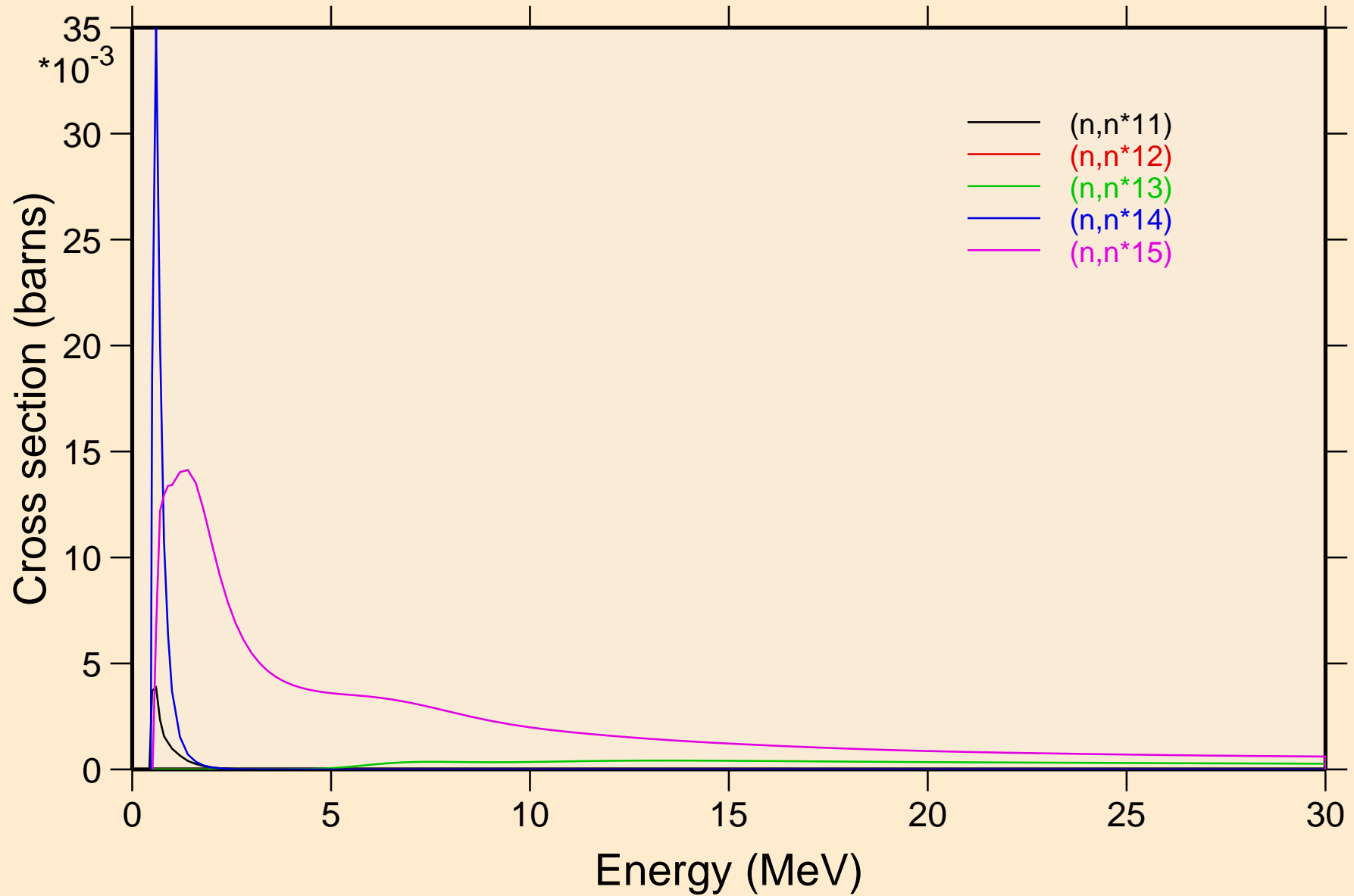
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Inelastic levels



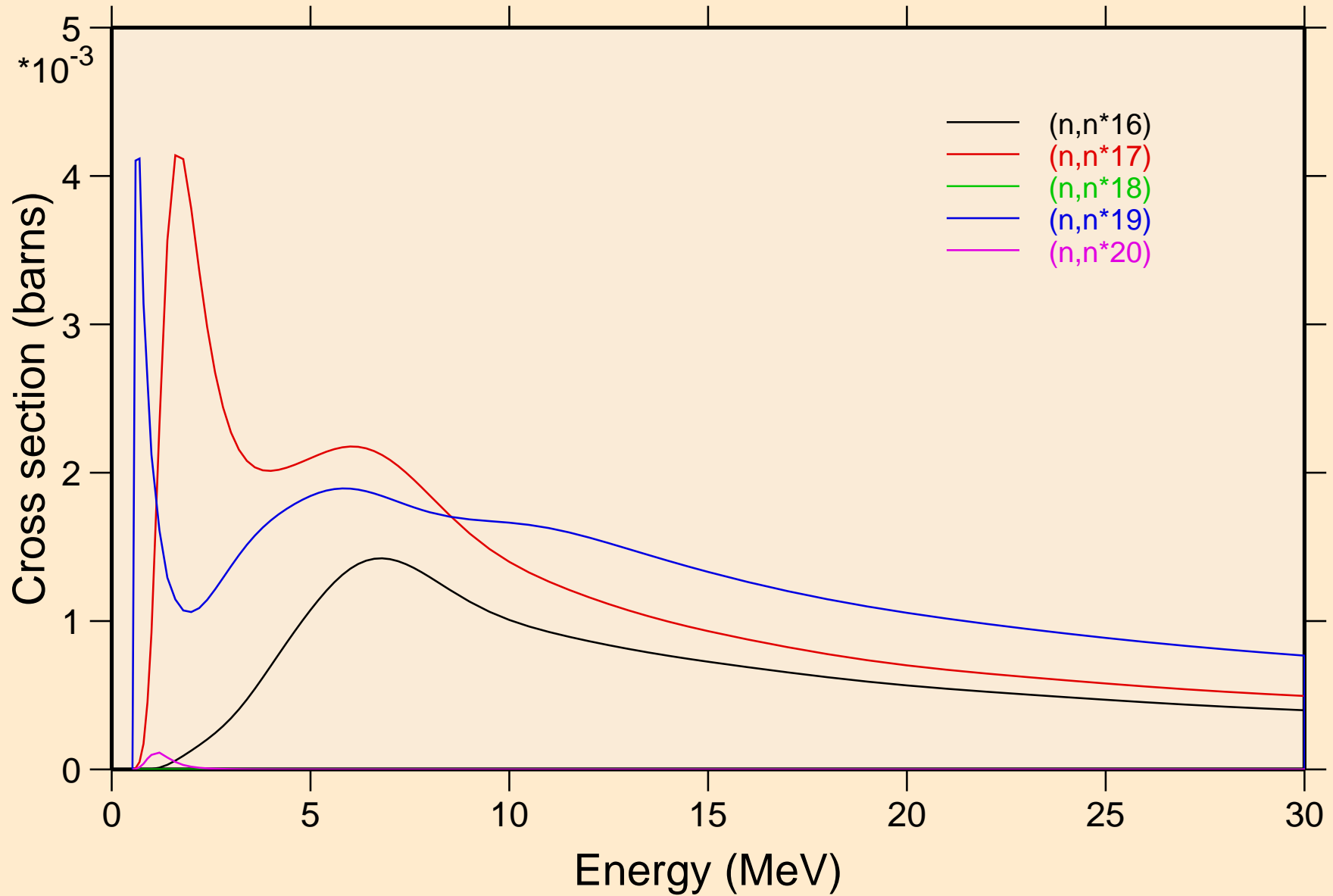
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



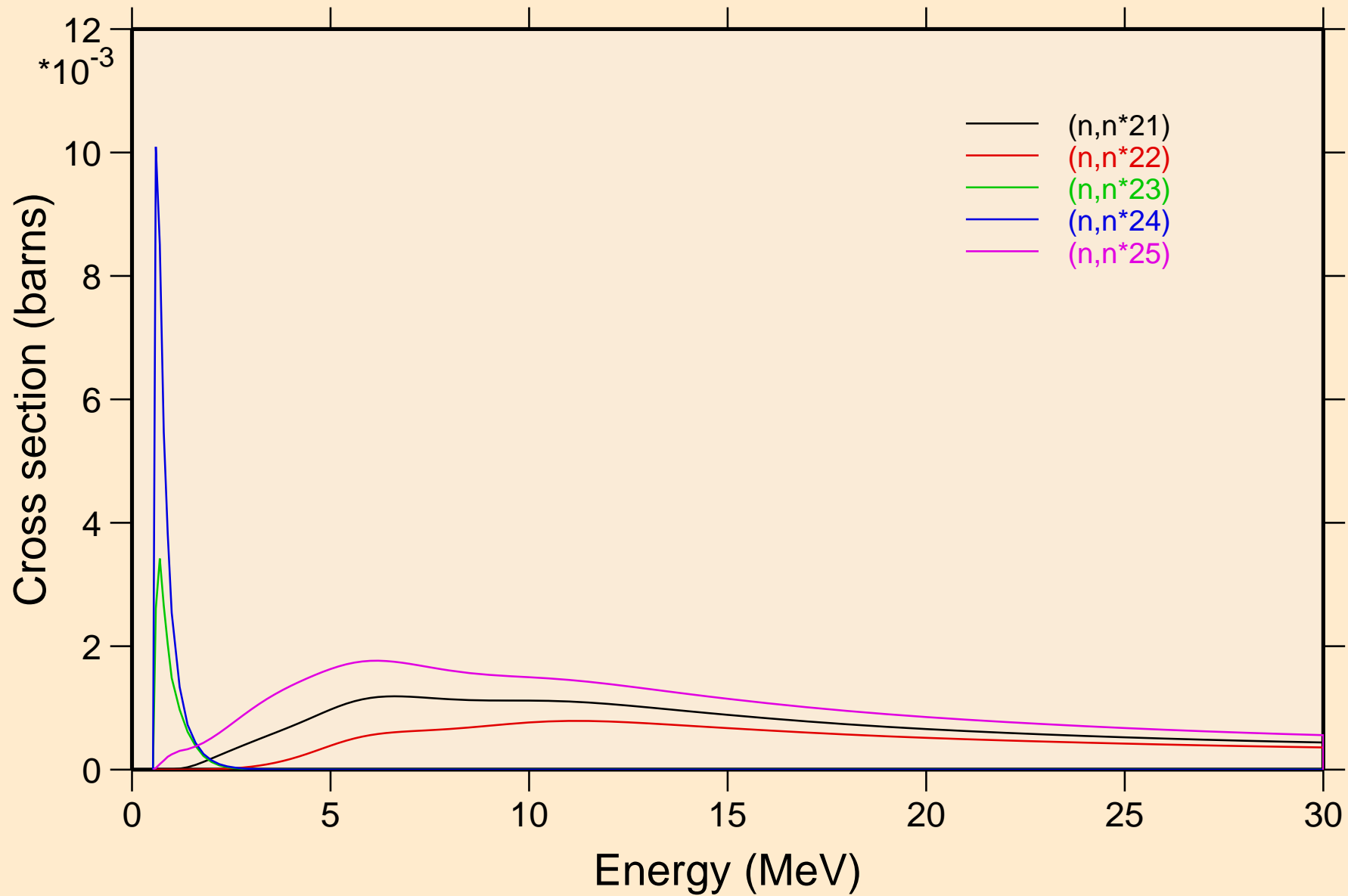
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

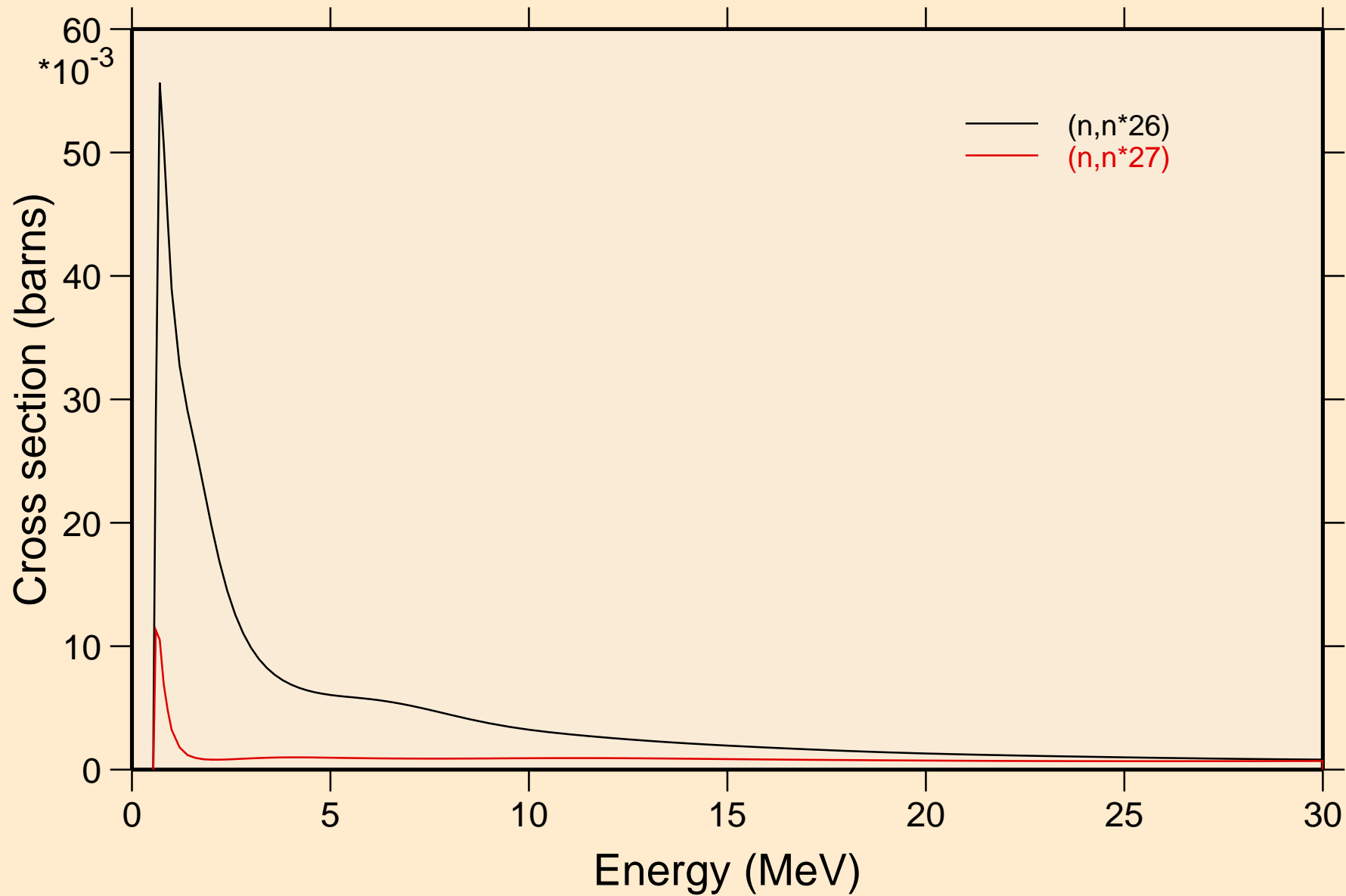


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

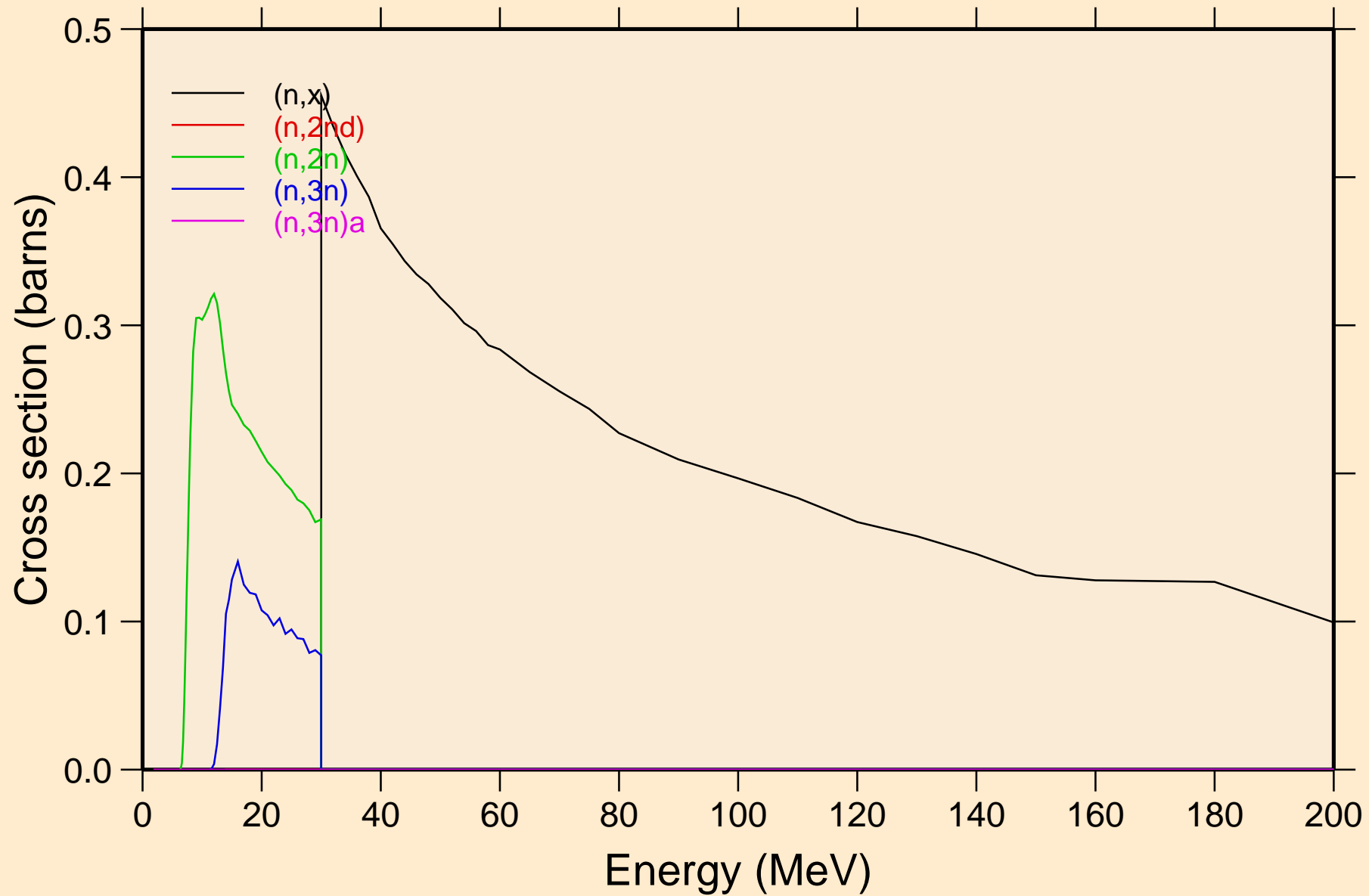


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



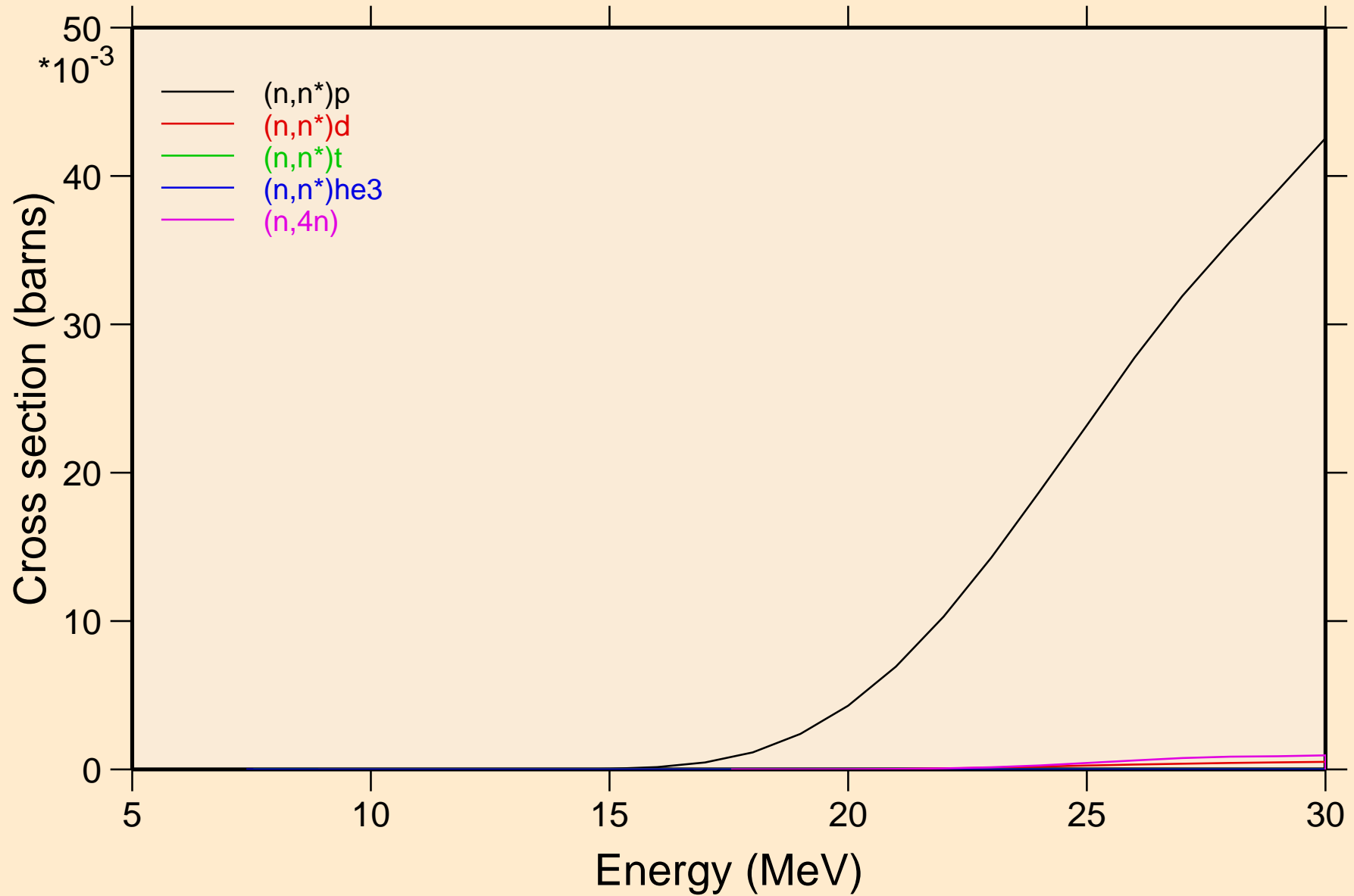
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



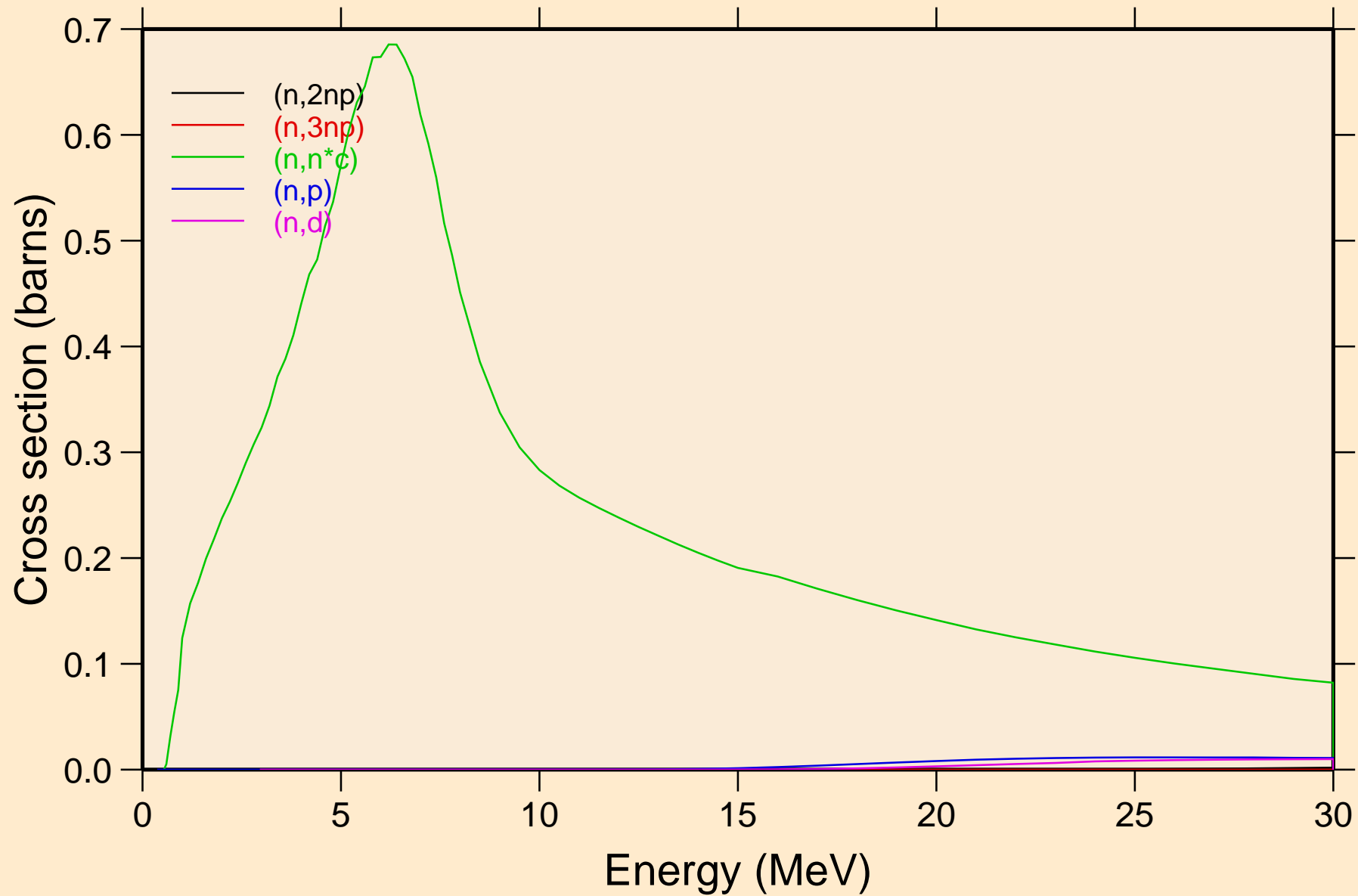
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



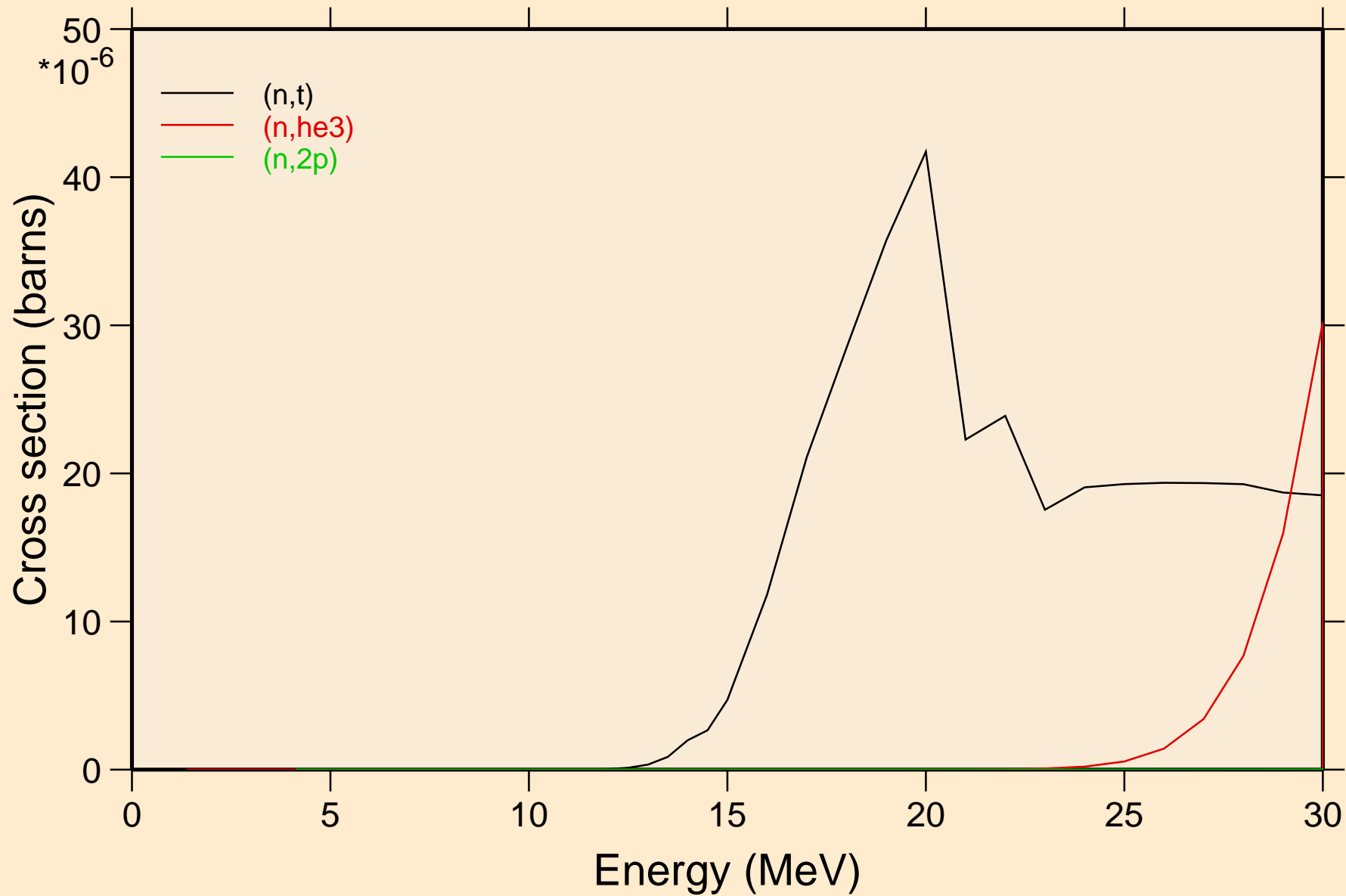
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Threshold reactions



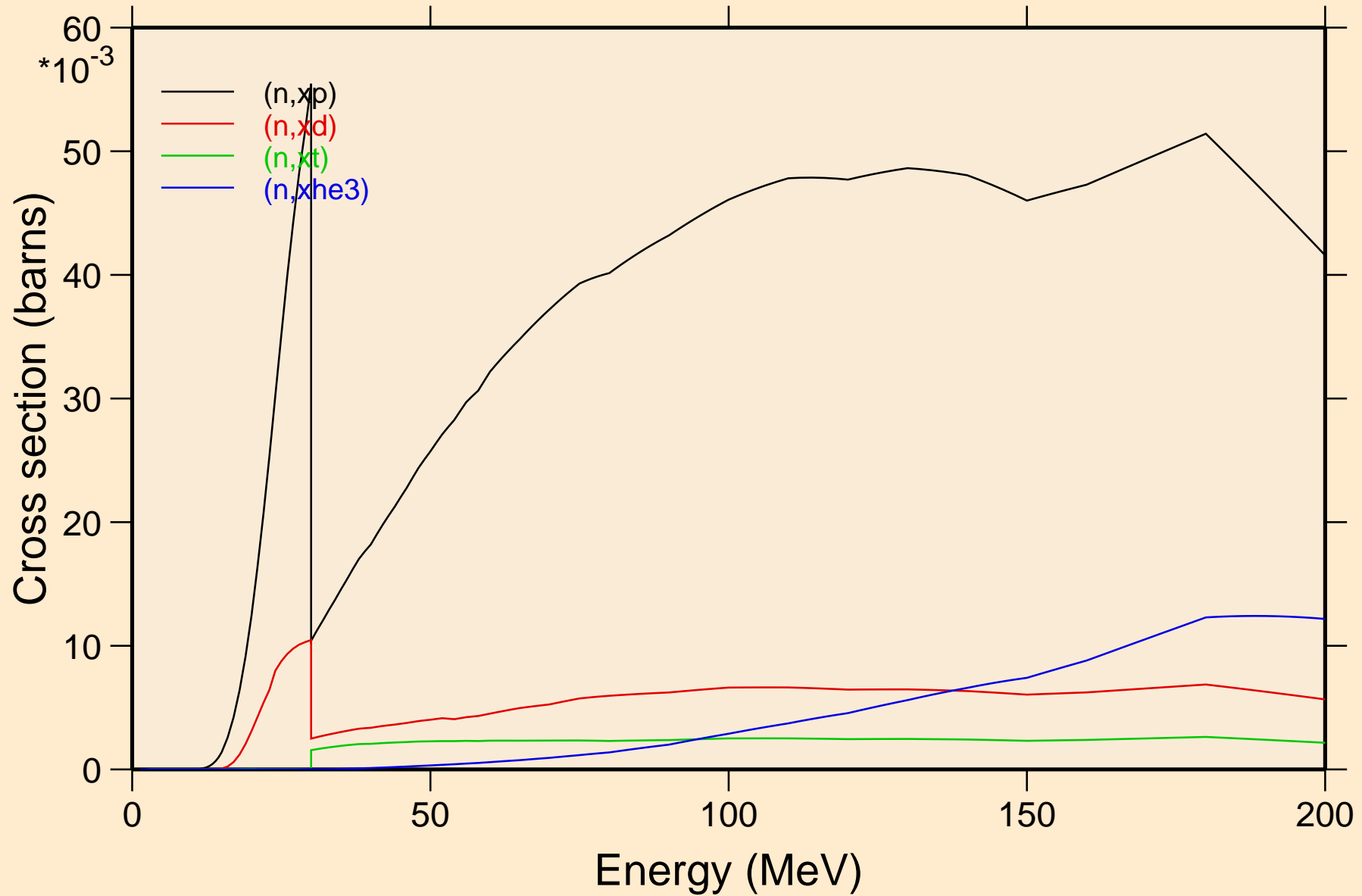
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

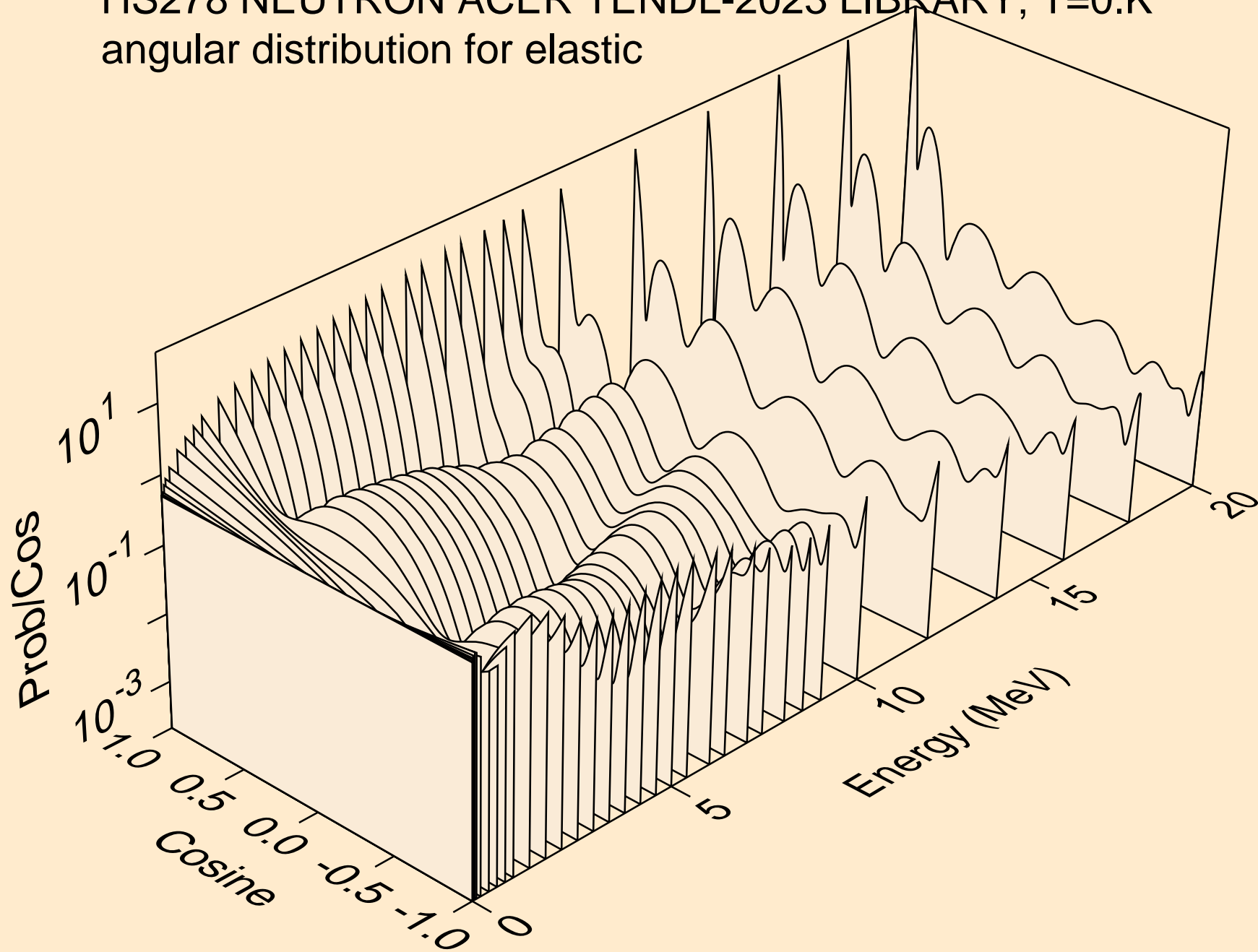


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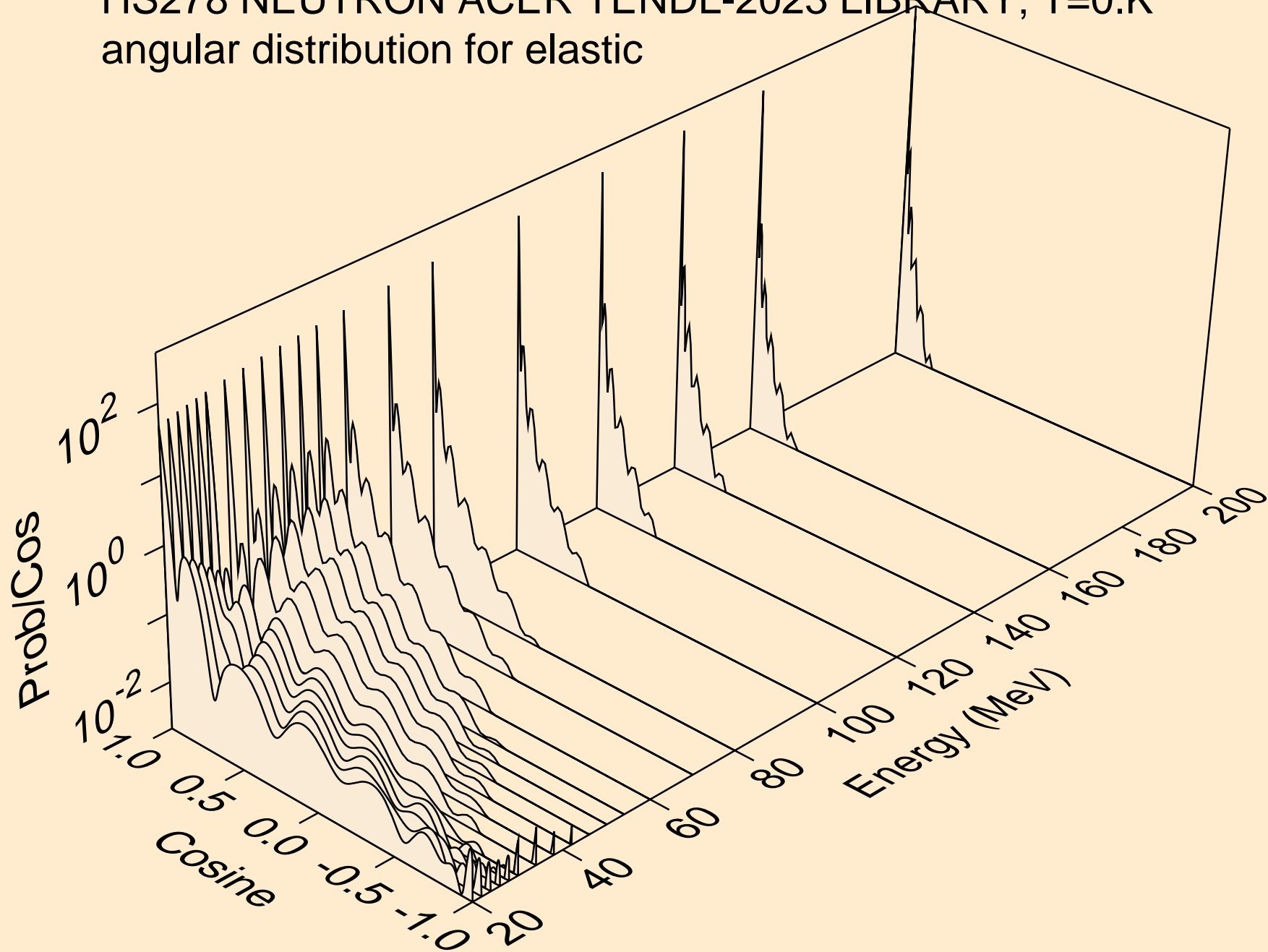
Threshold reactions



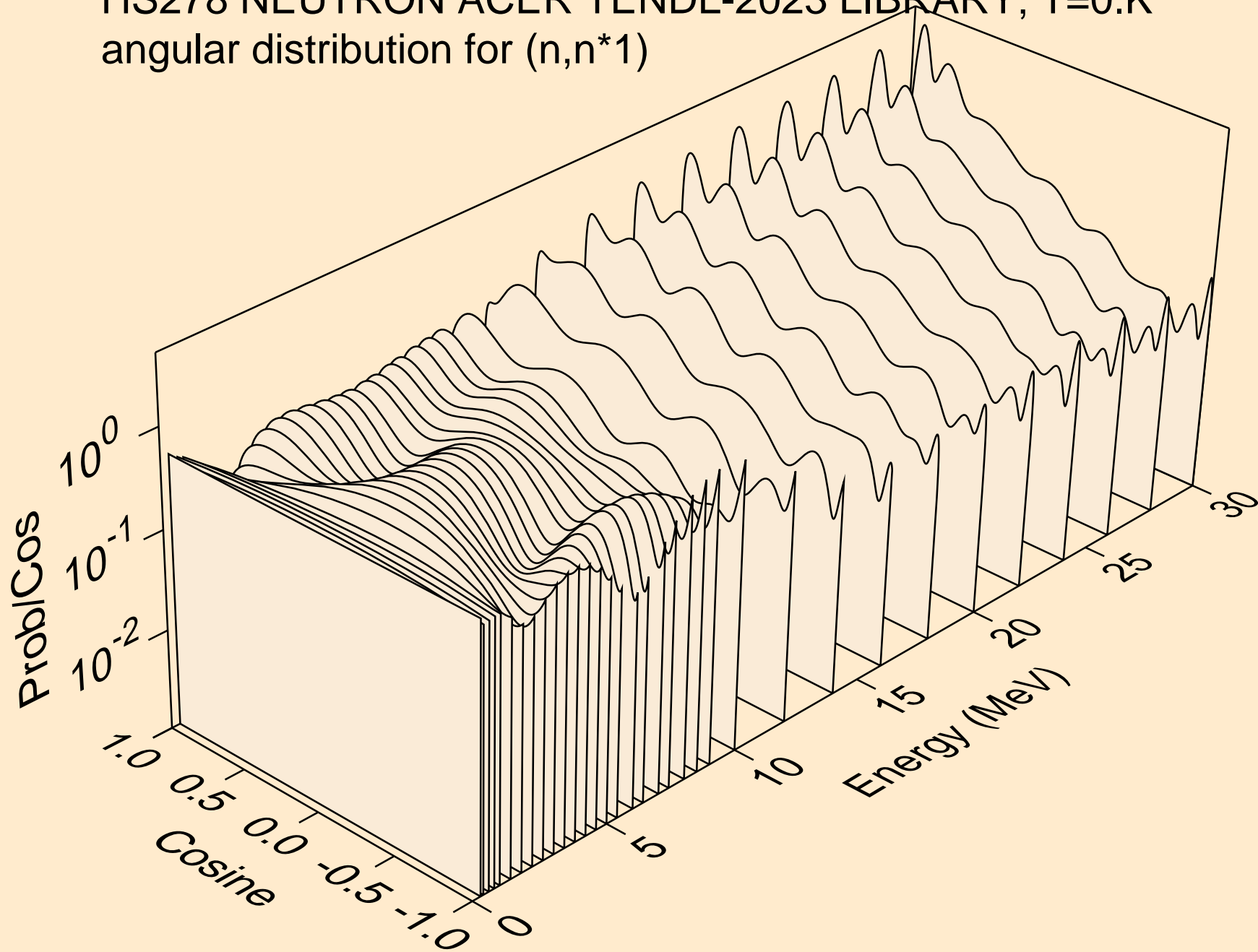
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



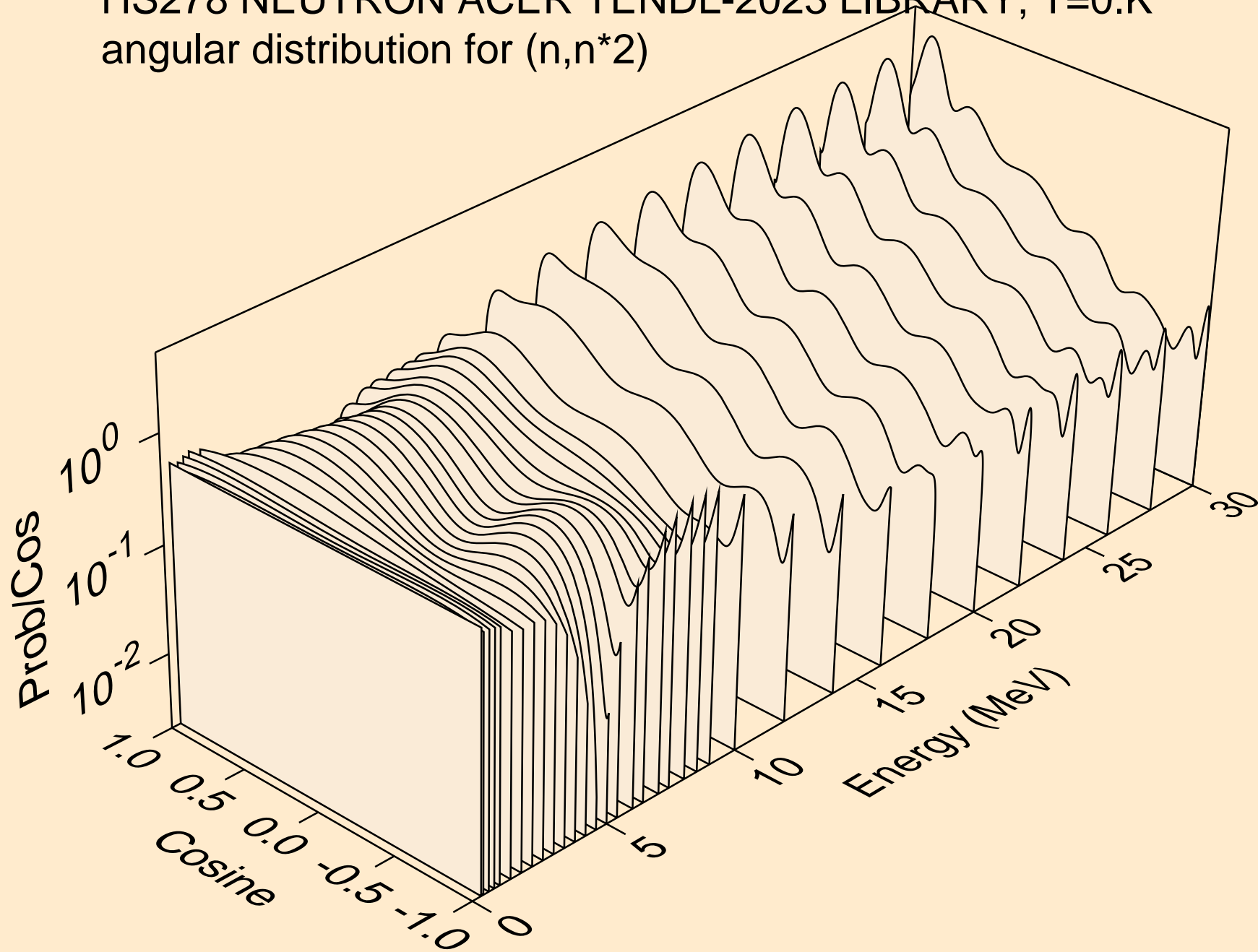
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



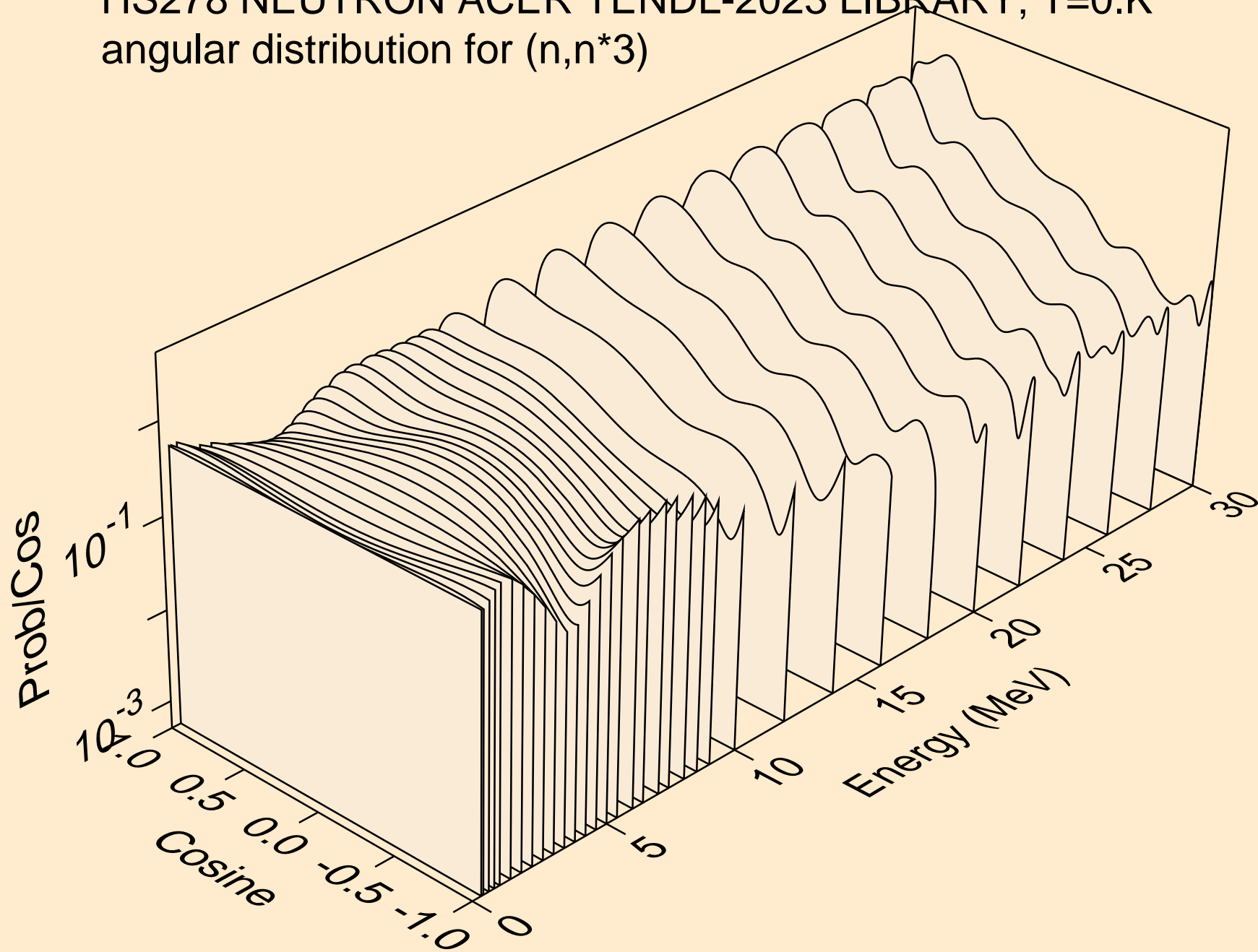
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



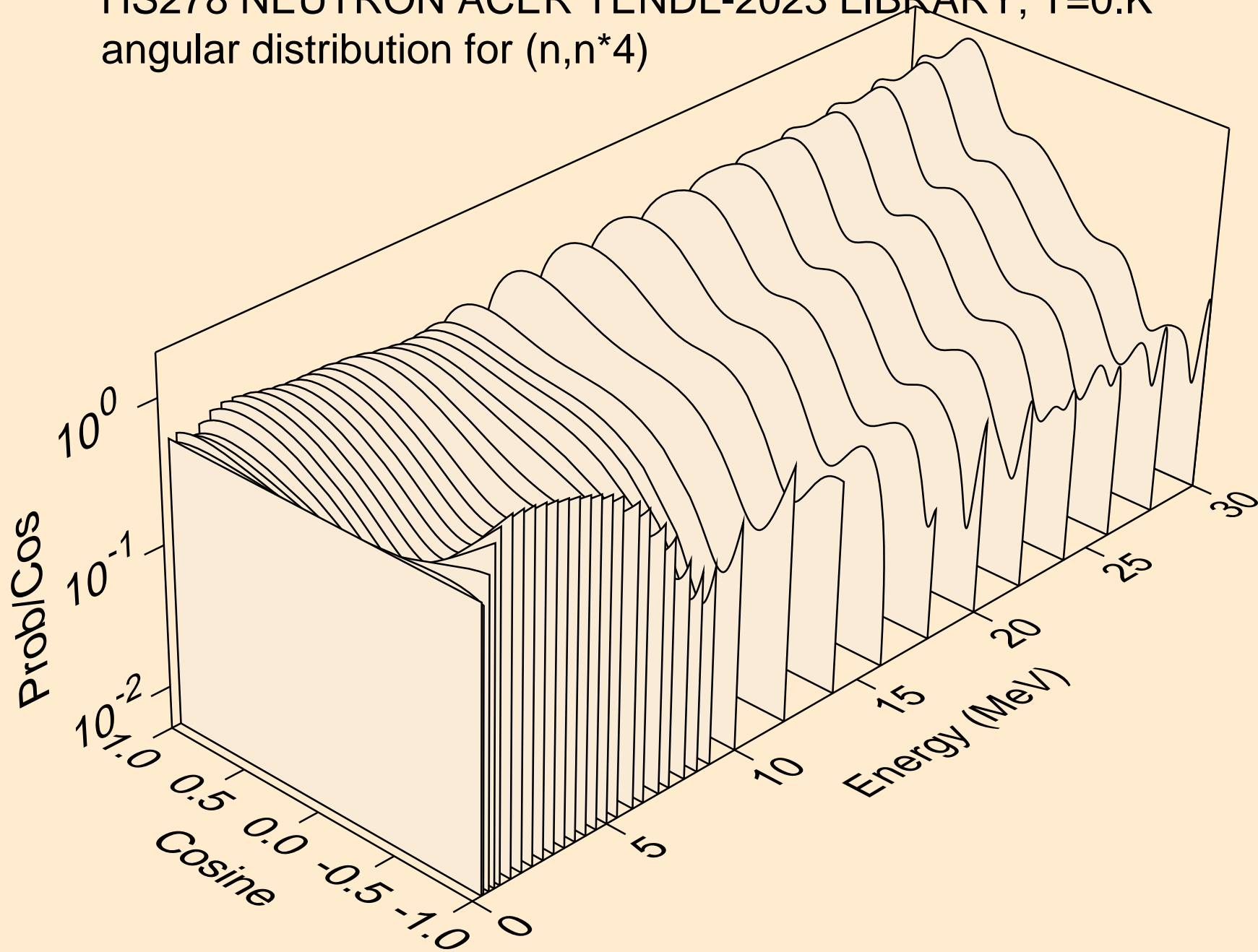
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



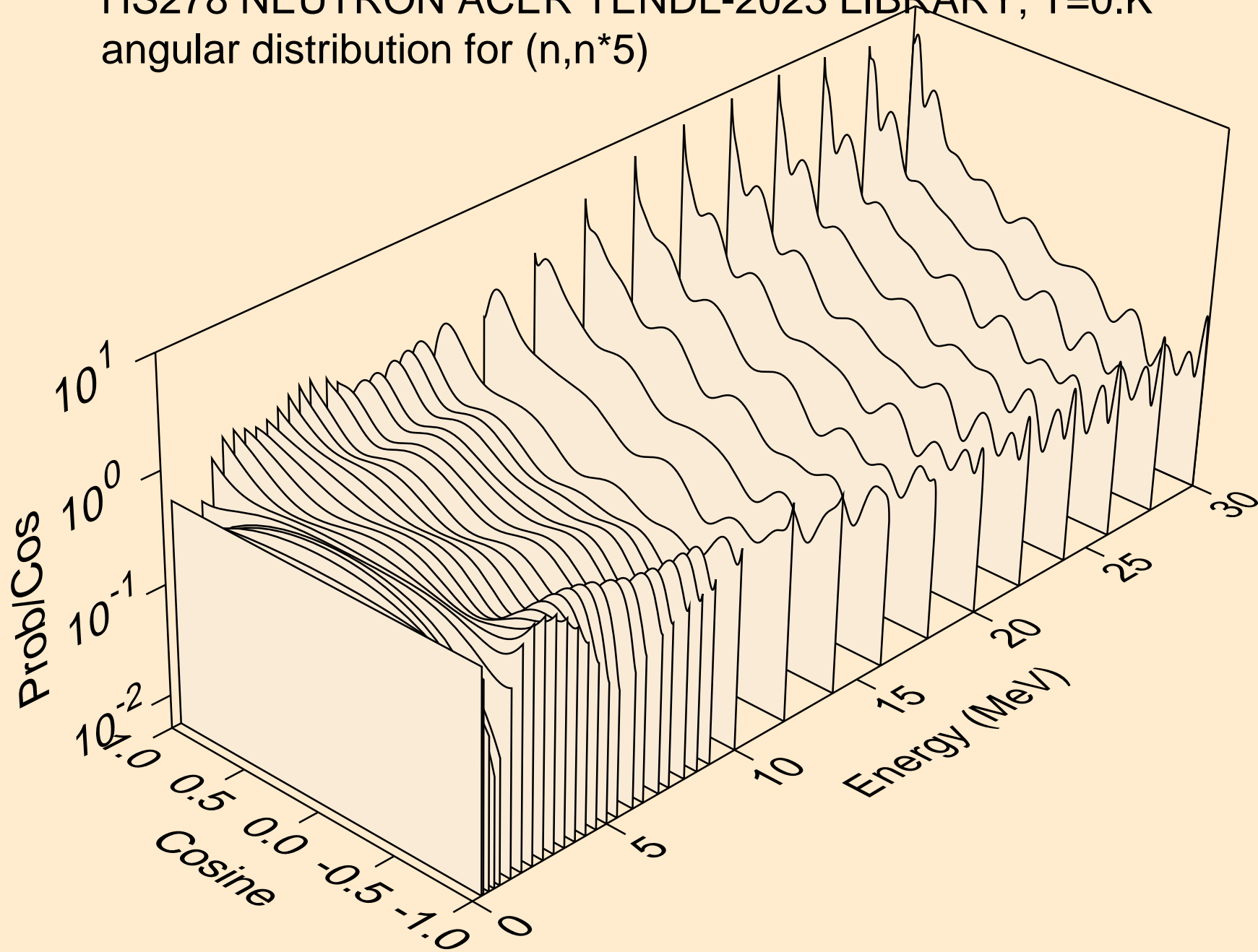
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



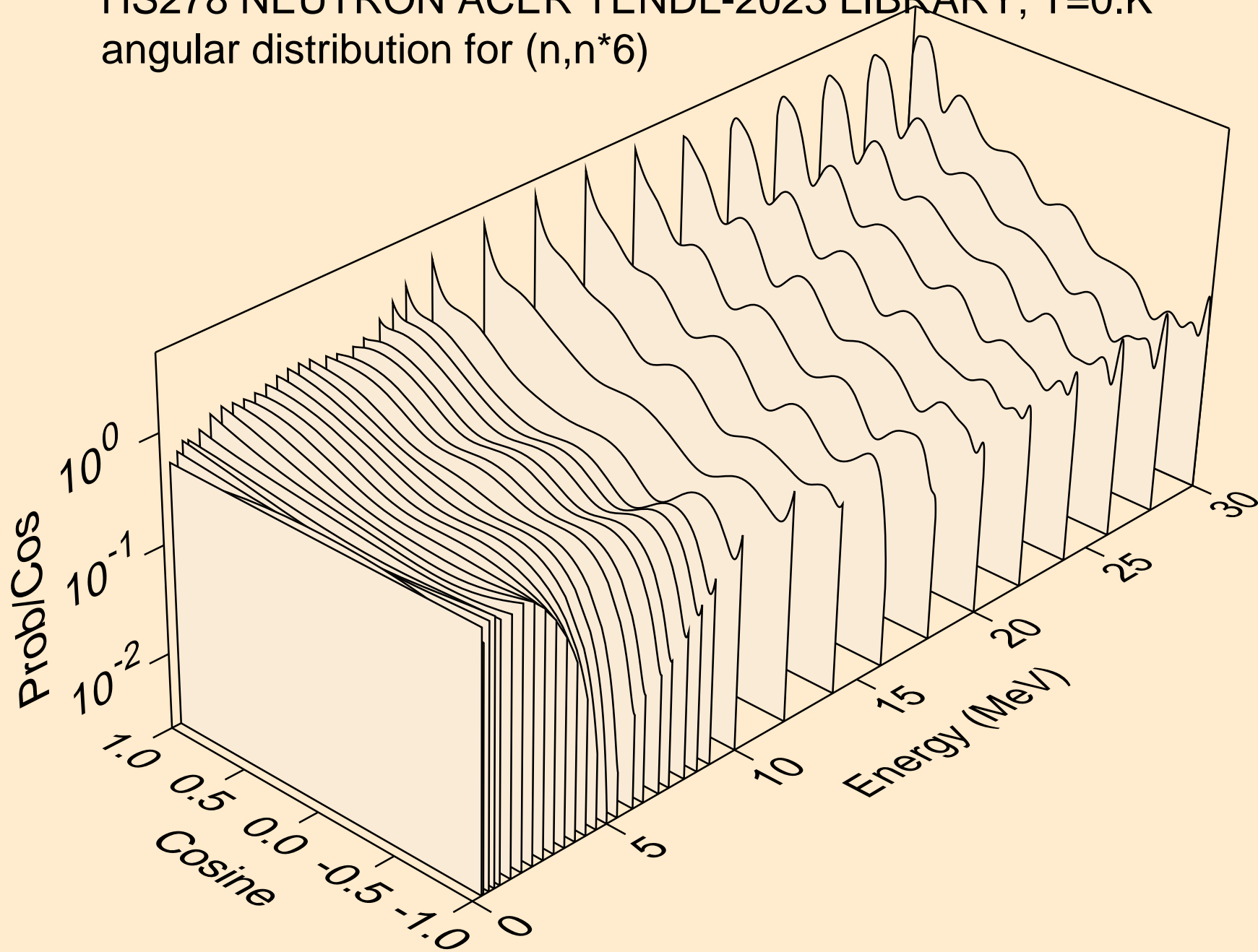
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



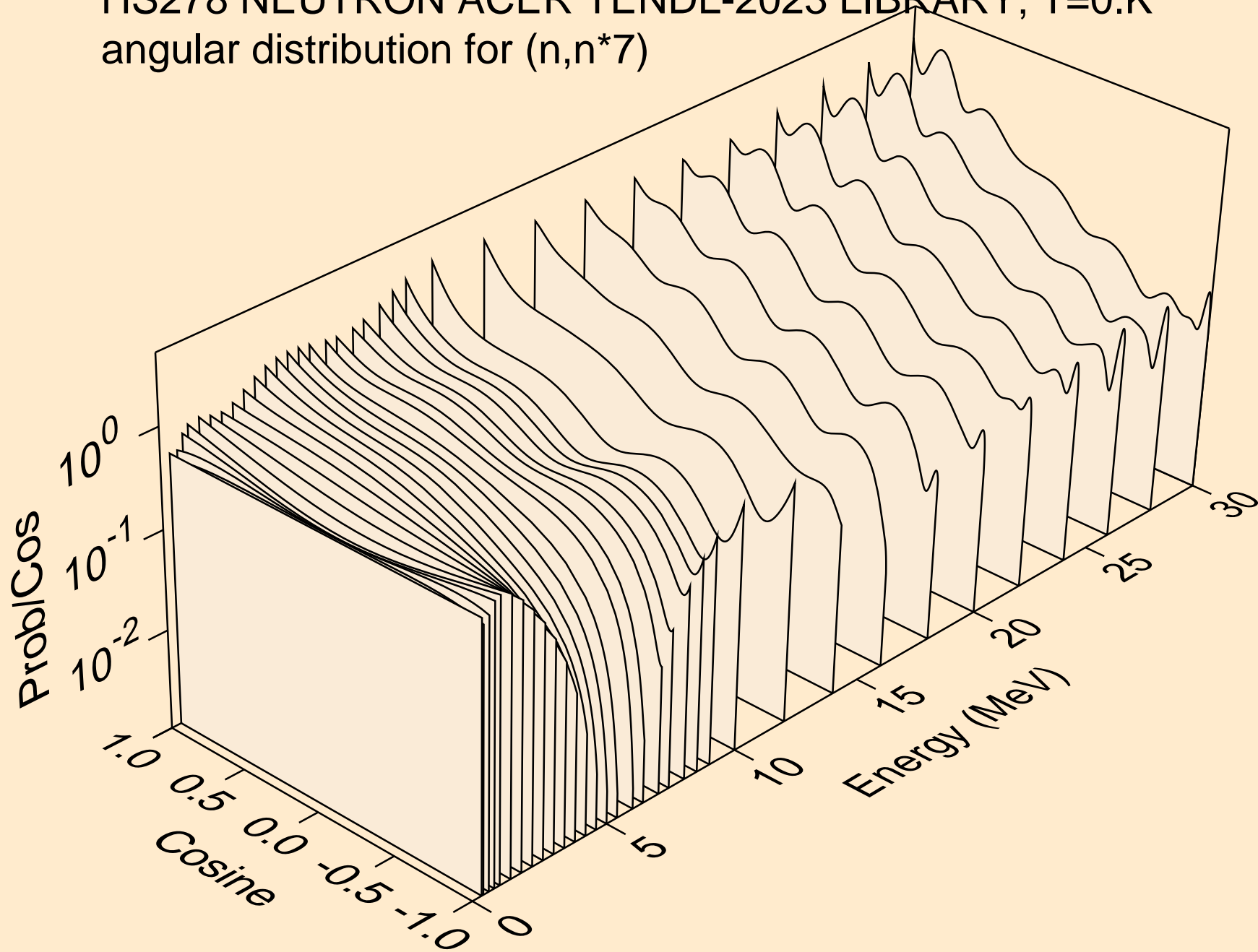
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



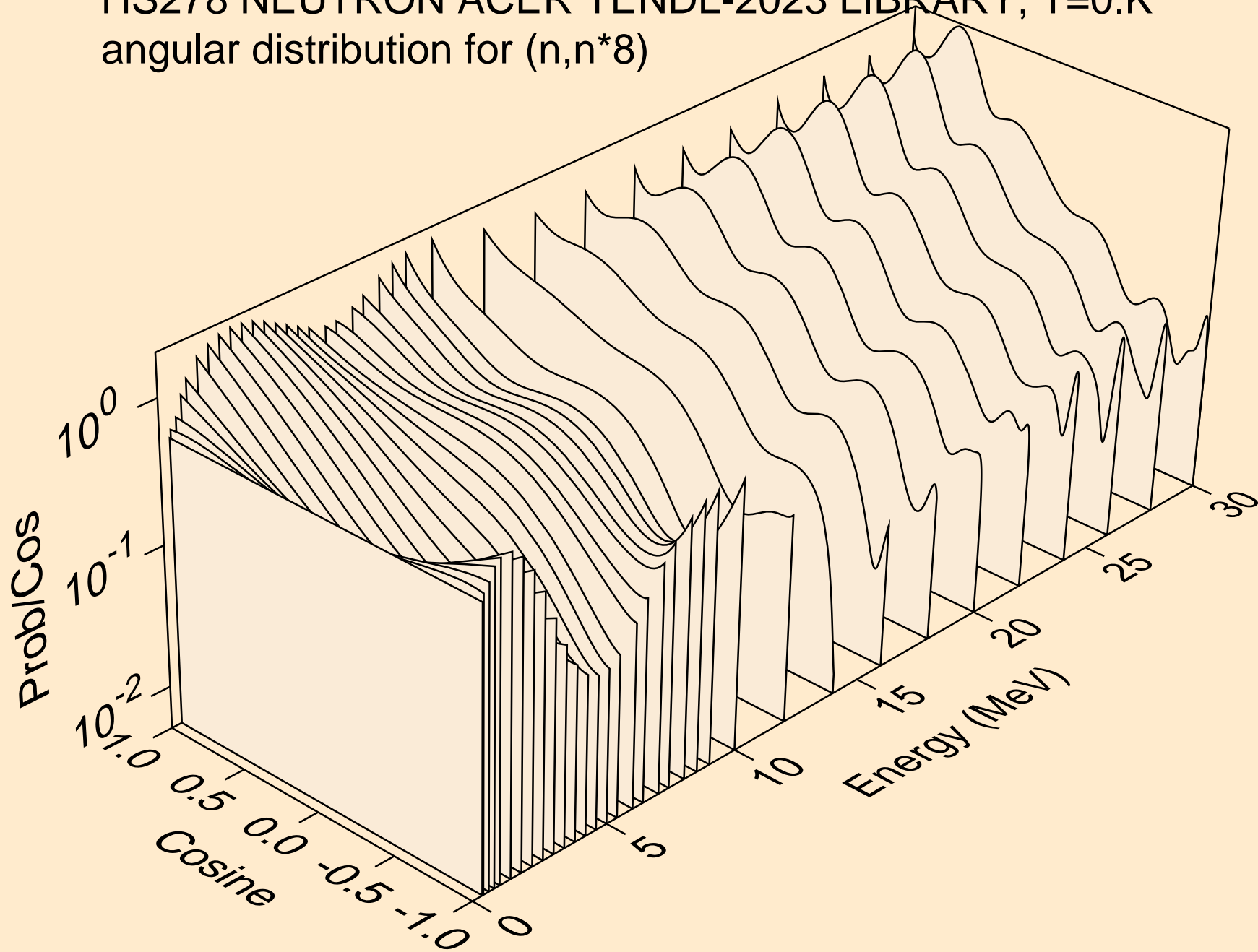
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angular distribution for (n,n*6)



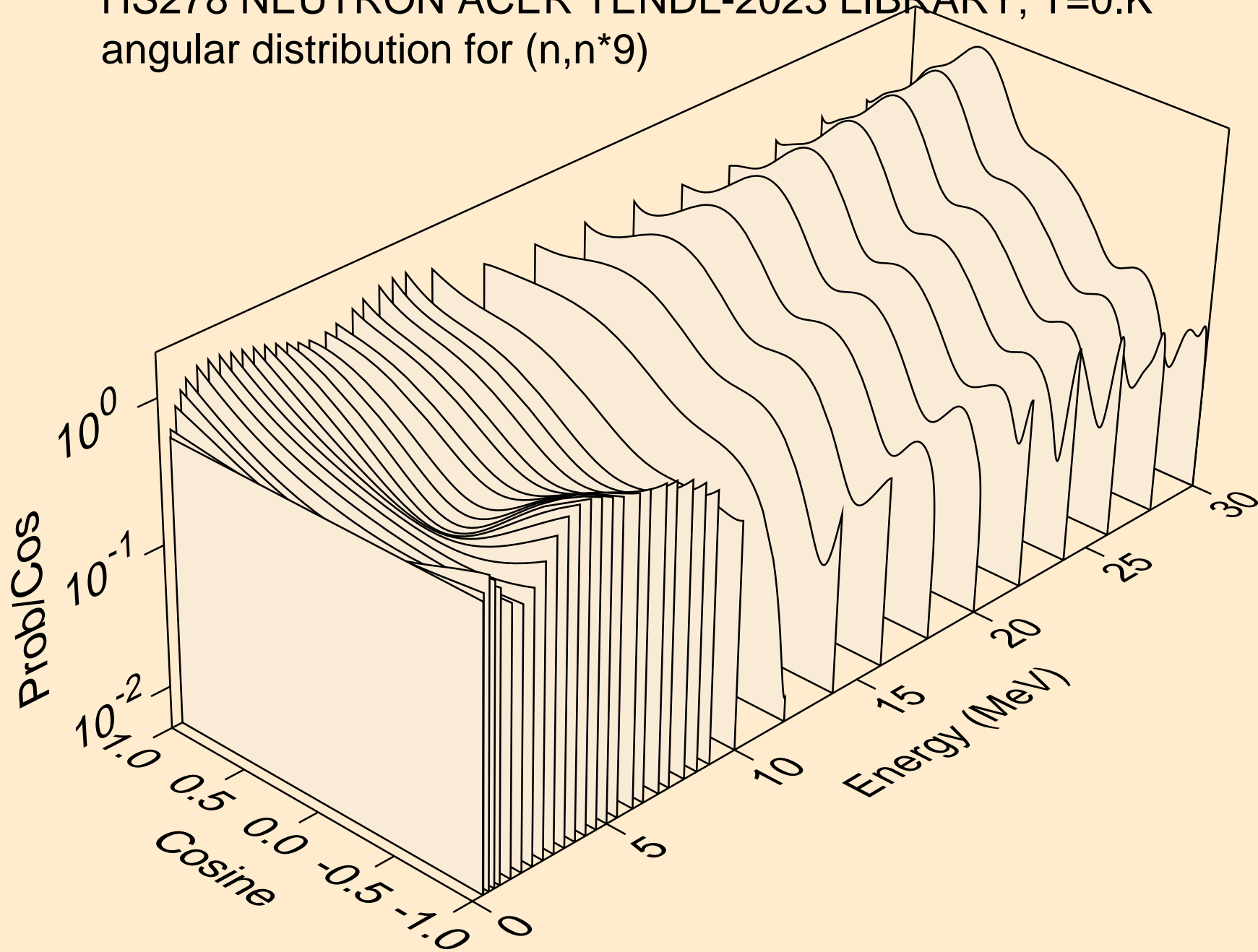
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angular distribution for (n,n*7)



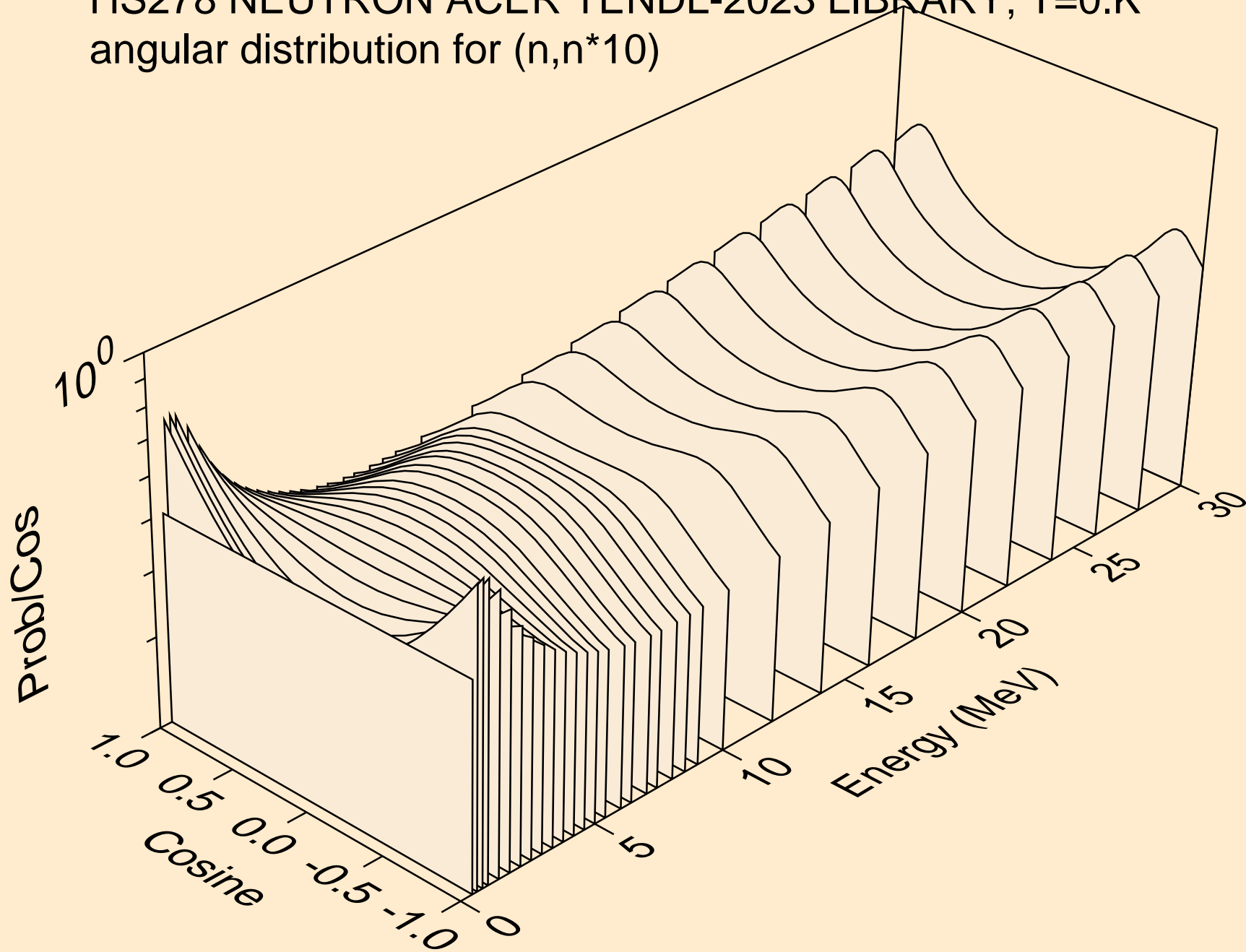
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angular distribution for (n,n*8)



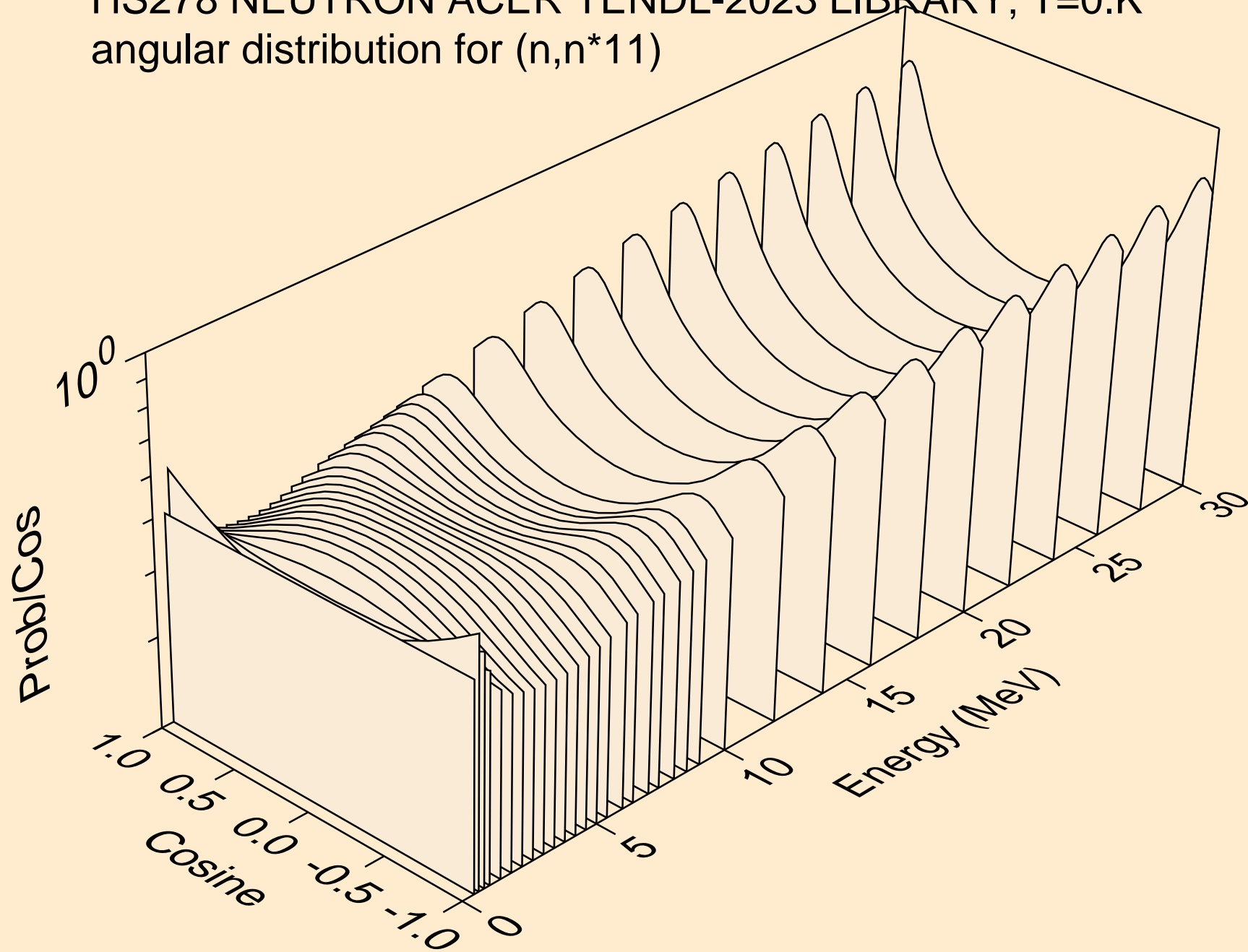
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angular distribution for (n,n*9)



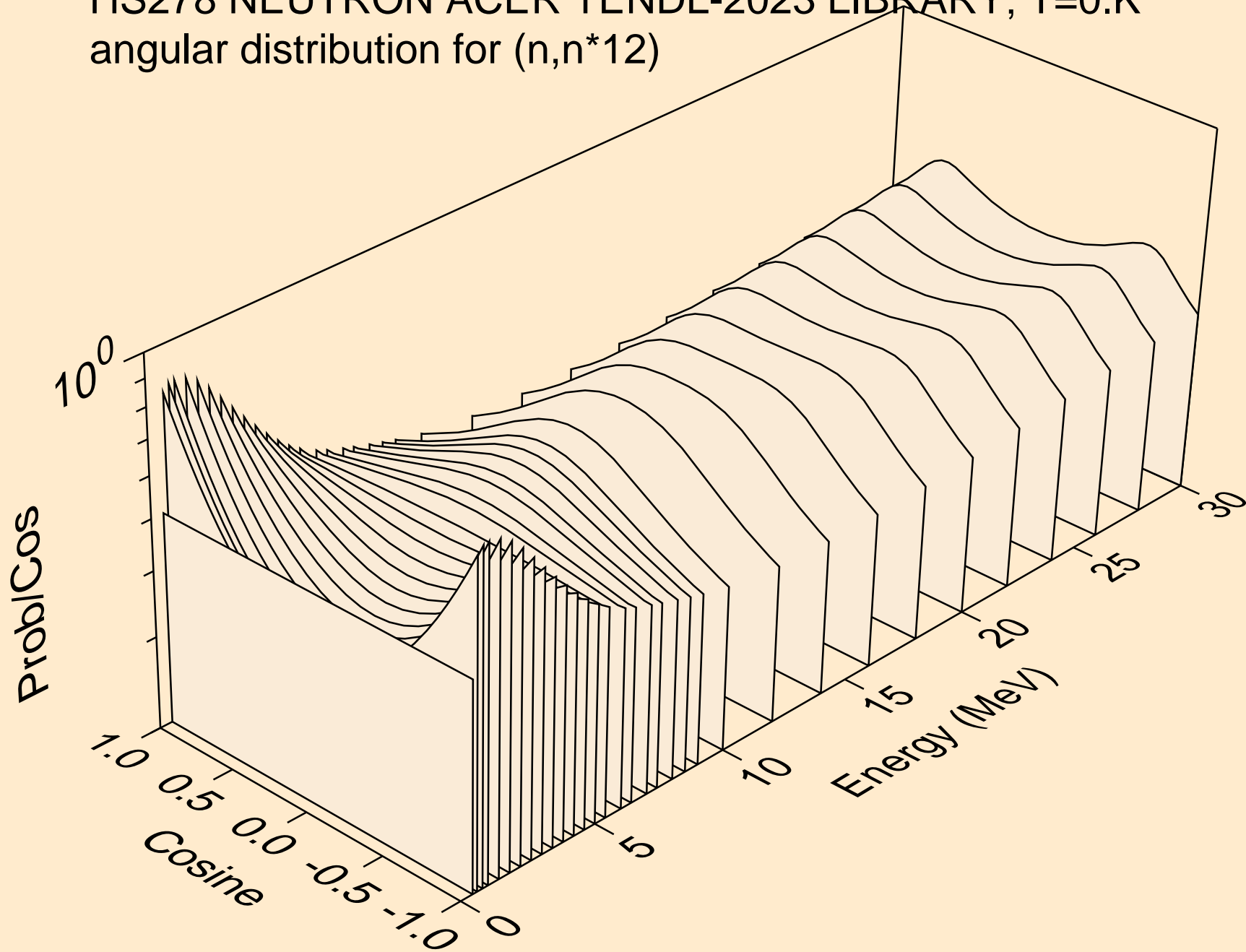
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angular distribution for (n,n*10)



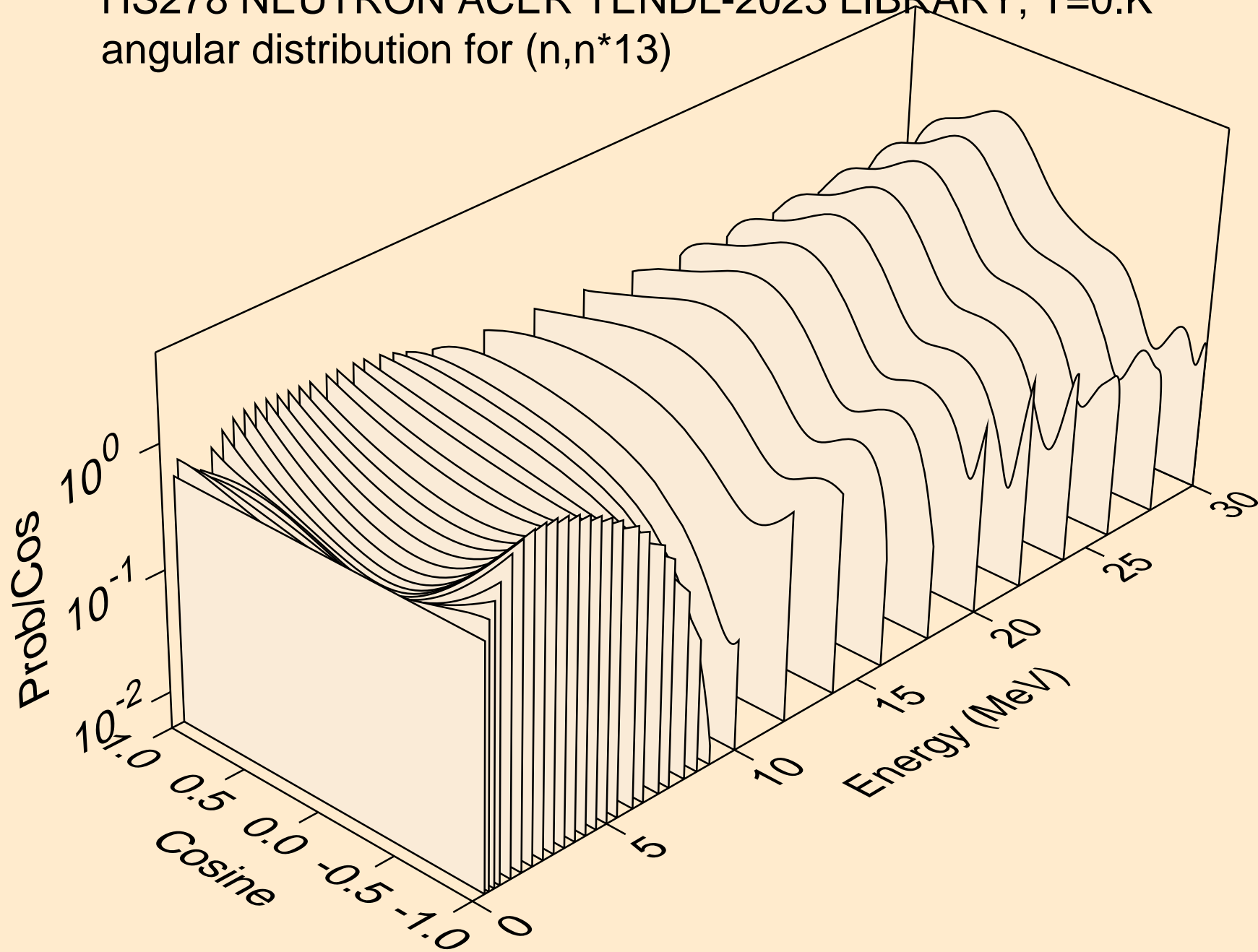
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angular distribution for (n,n*11)



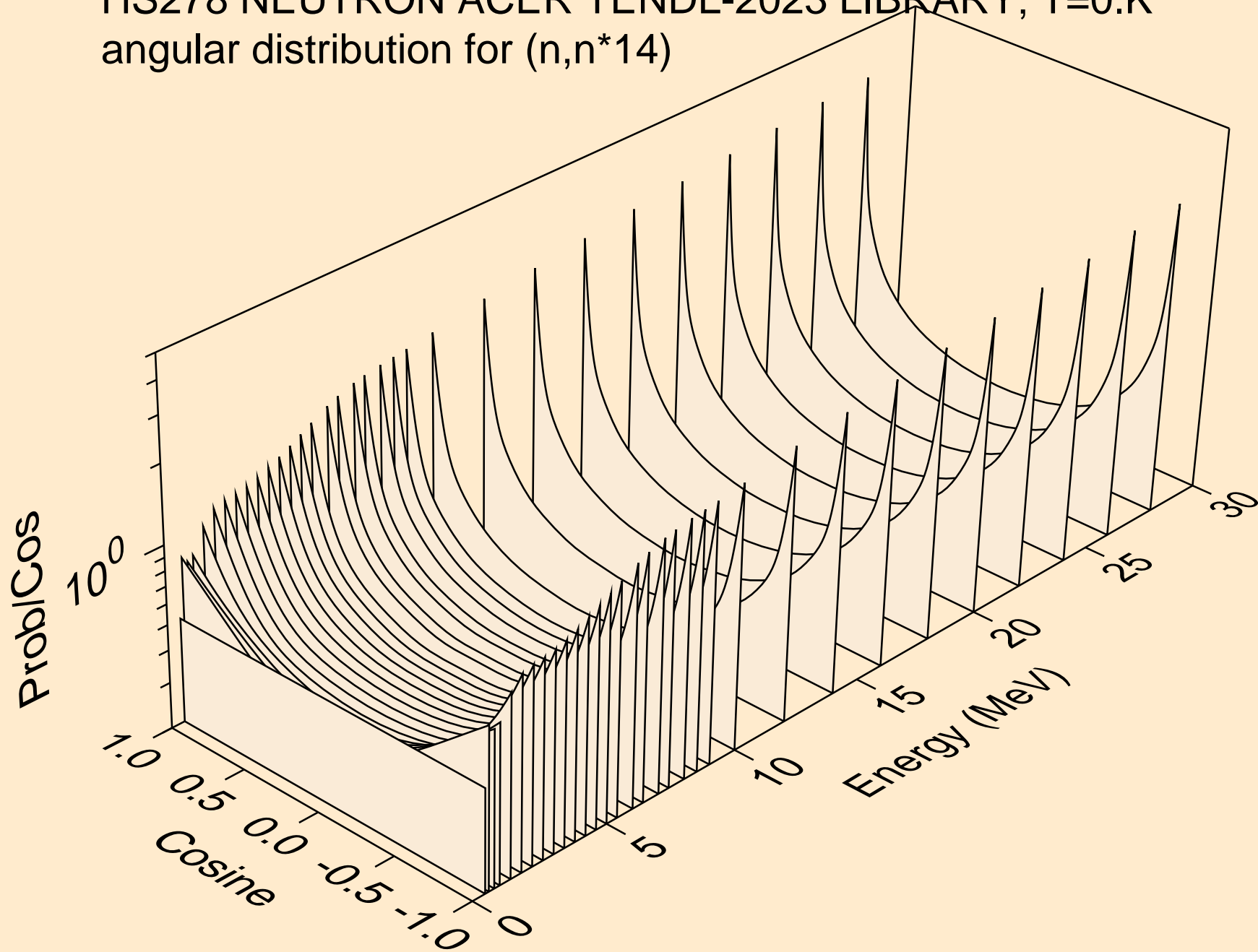
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angular distribution for (n,n*12)



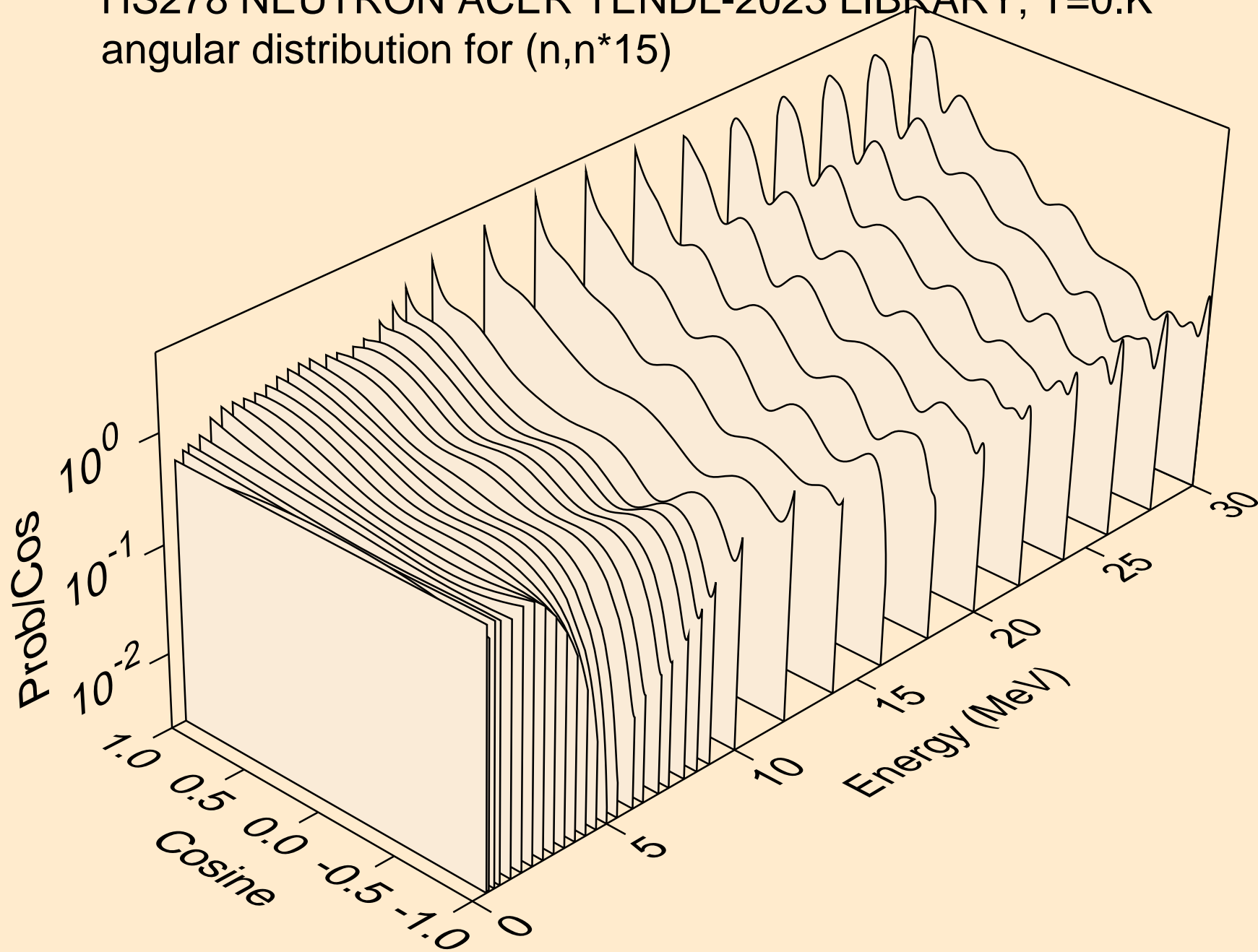
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angular distribution for (n,n*13)



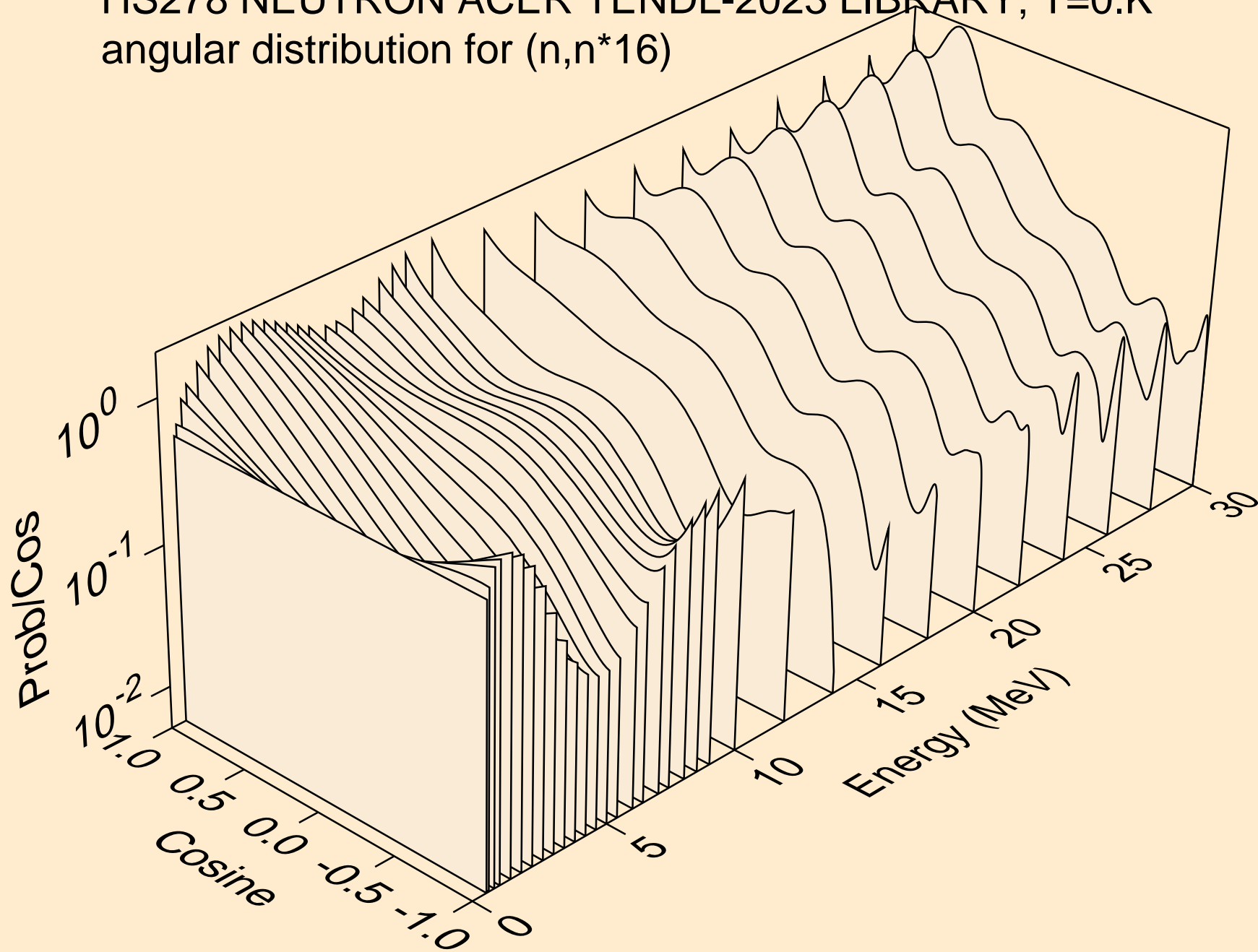
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angular distribution for (n,n*14)



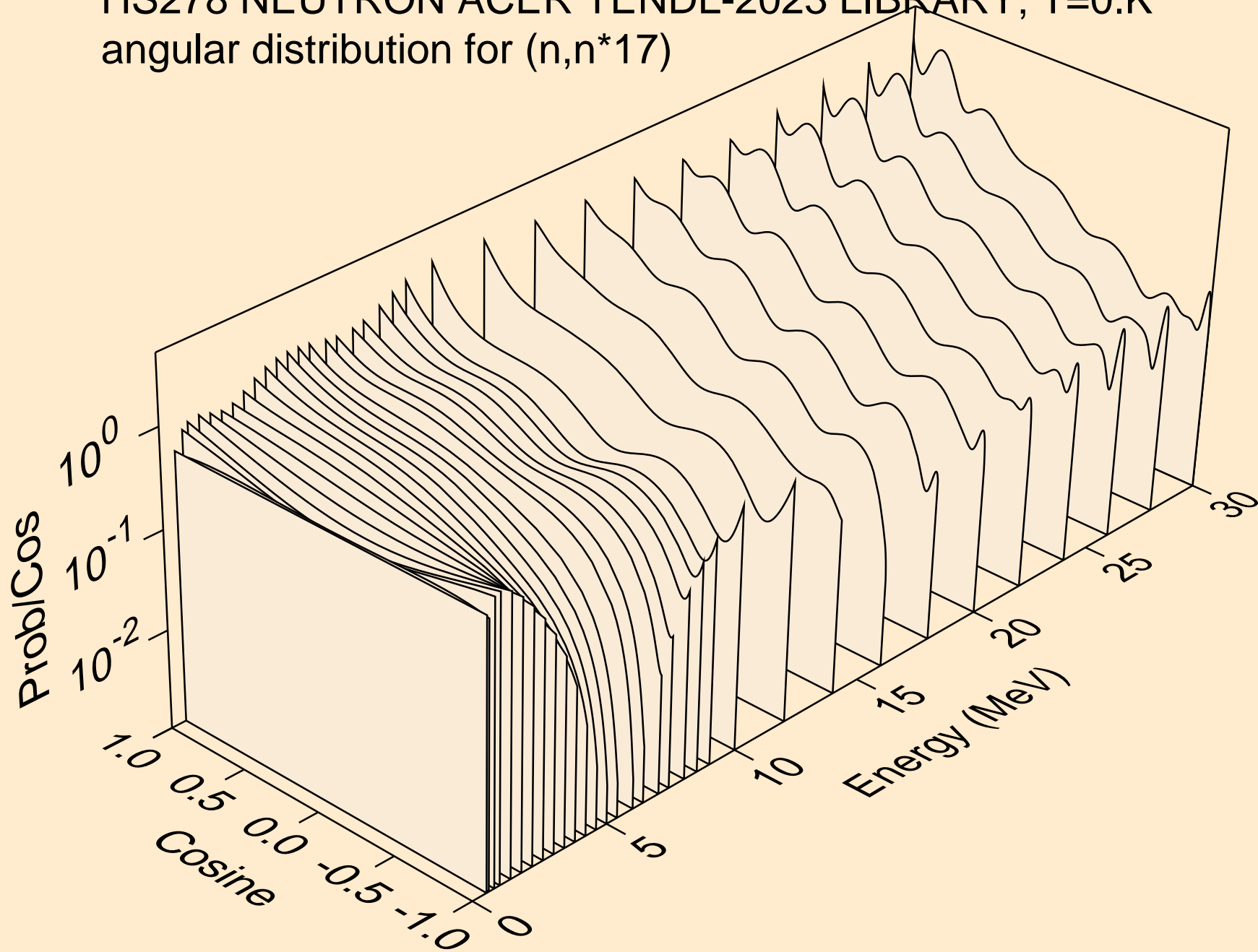
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angular distribution for (n,n*15)



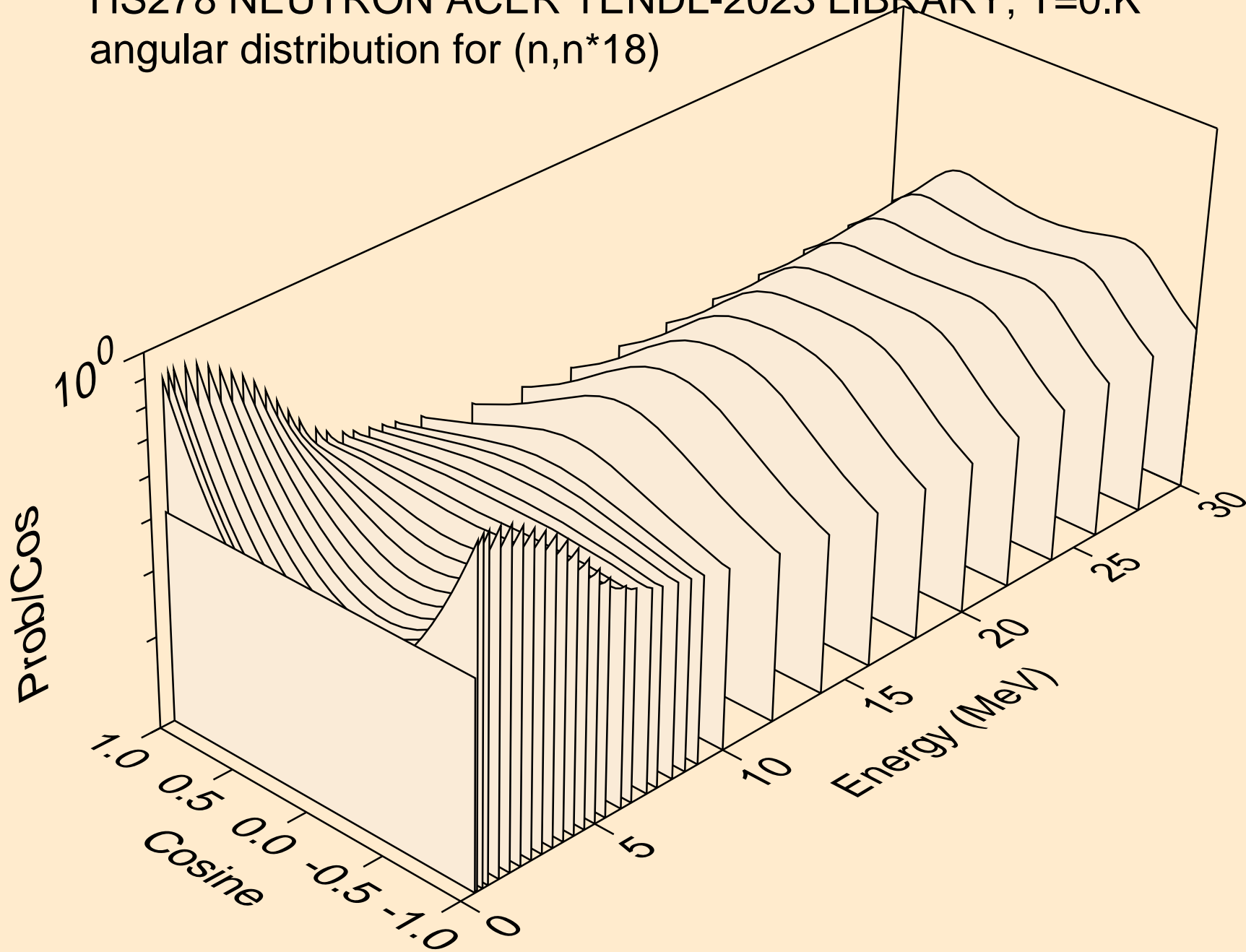
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angular distribution for (n,n*16)



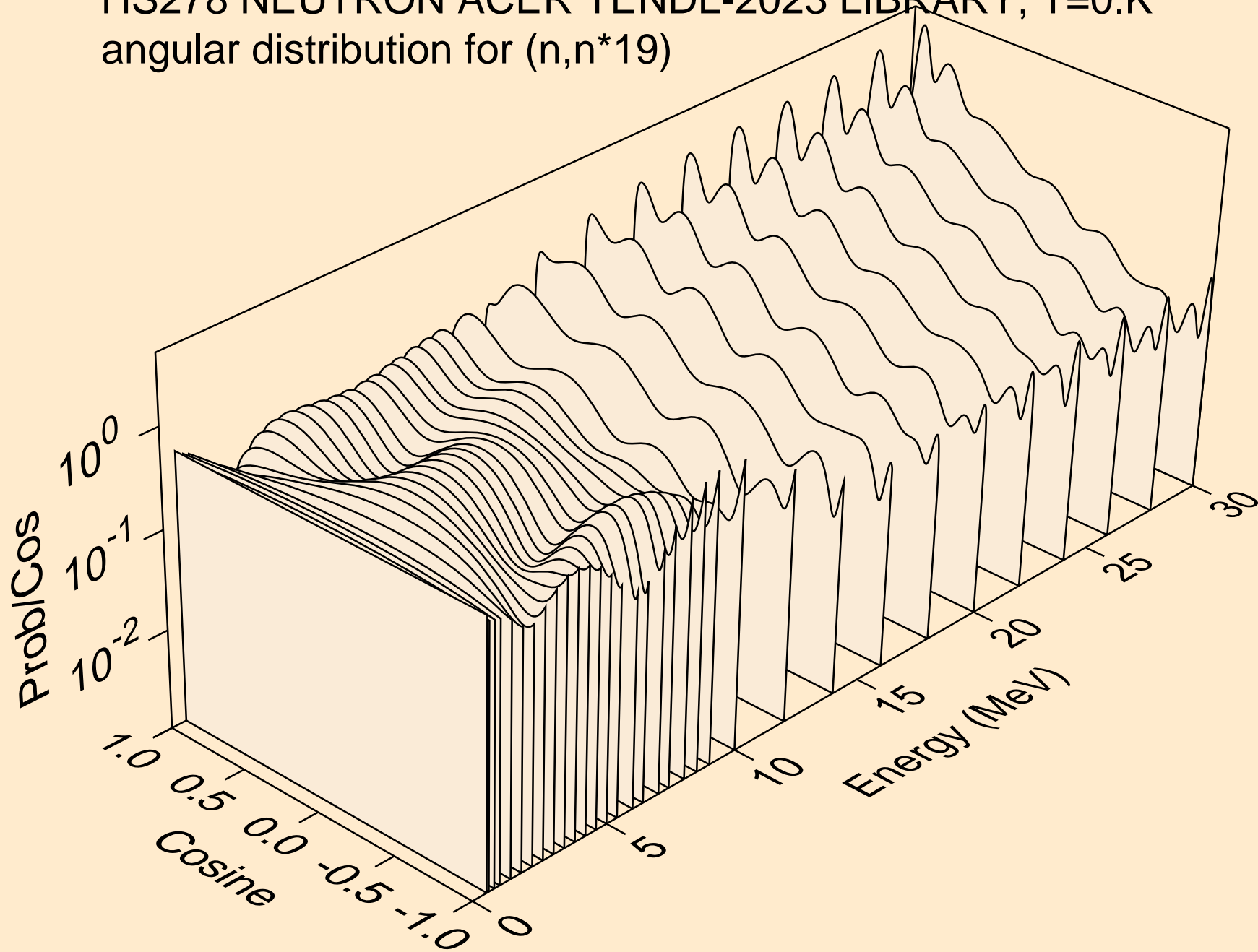
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angular distribution for (n,n*17)



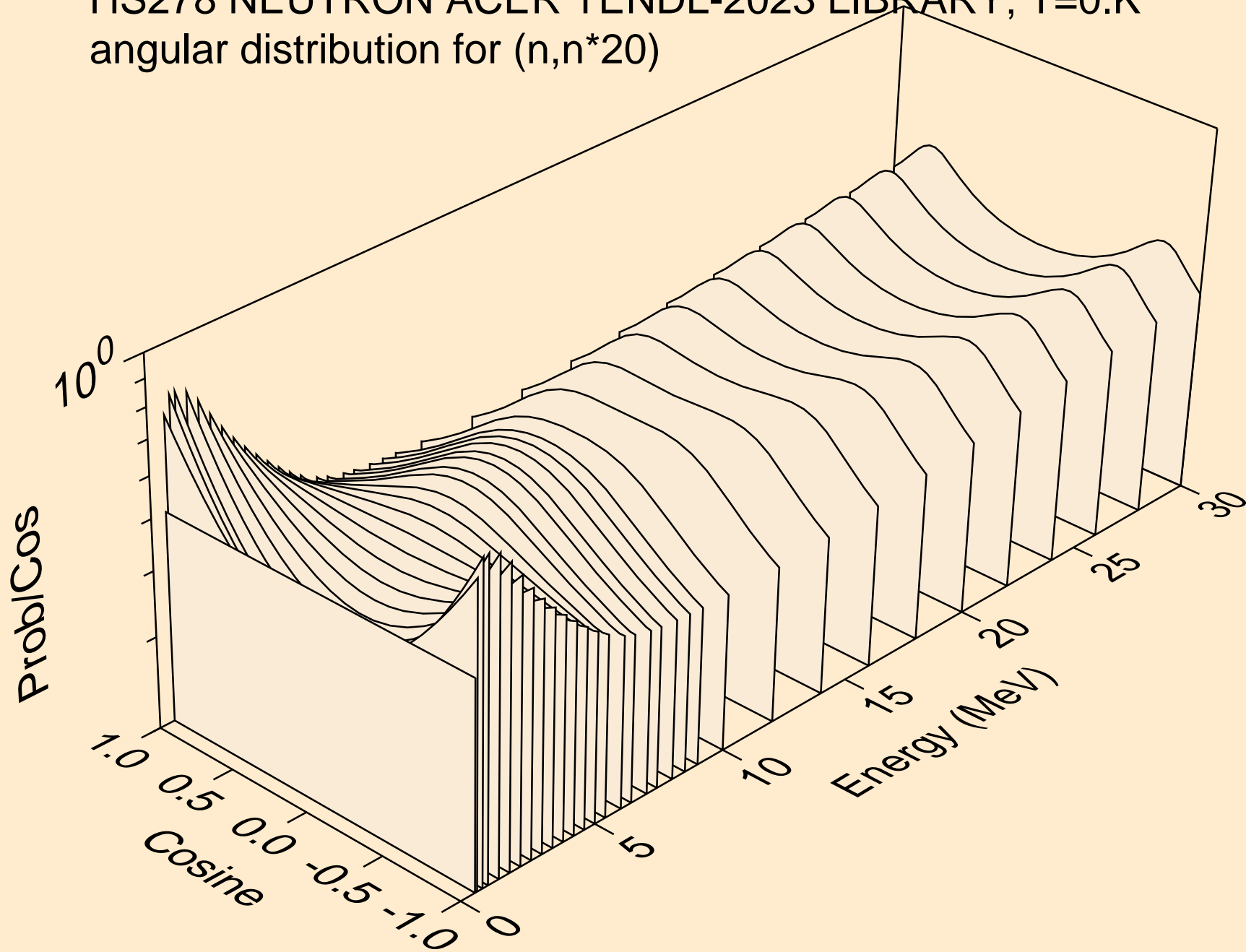
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angular distribution for (n,n*18)



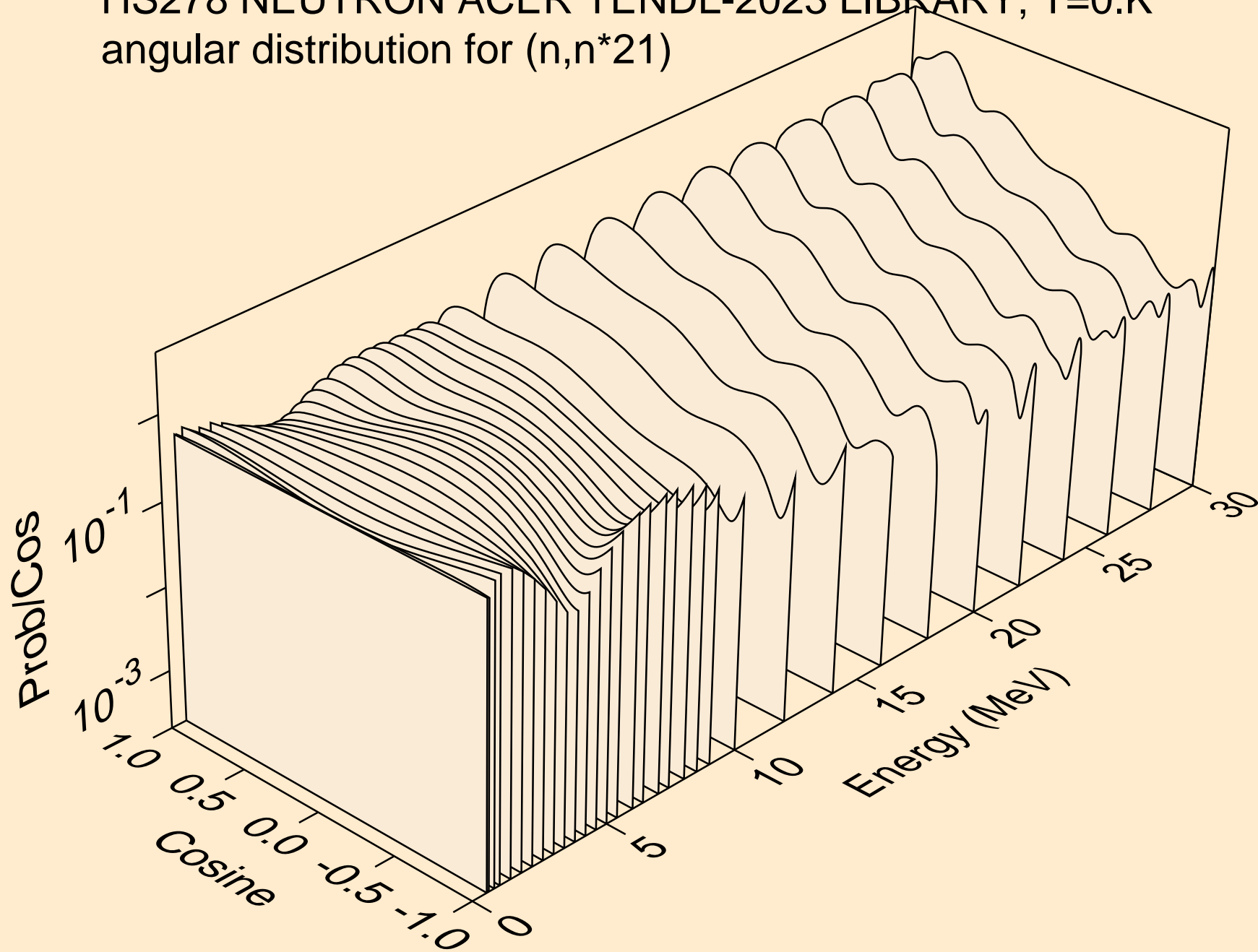
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angular distribution for (n,n*19)



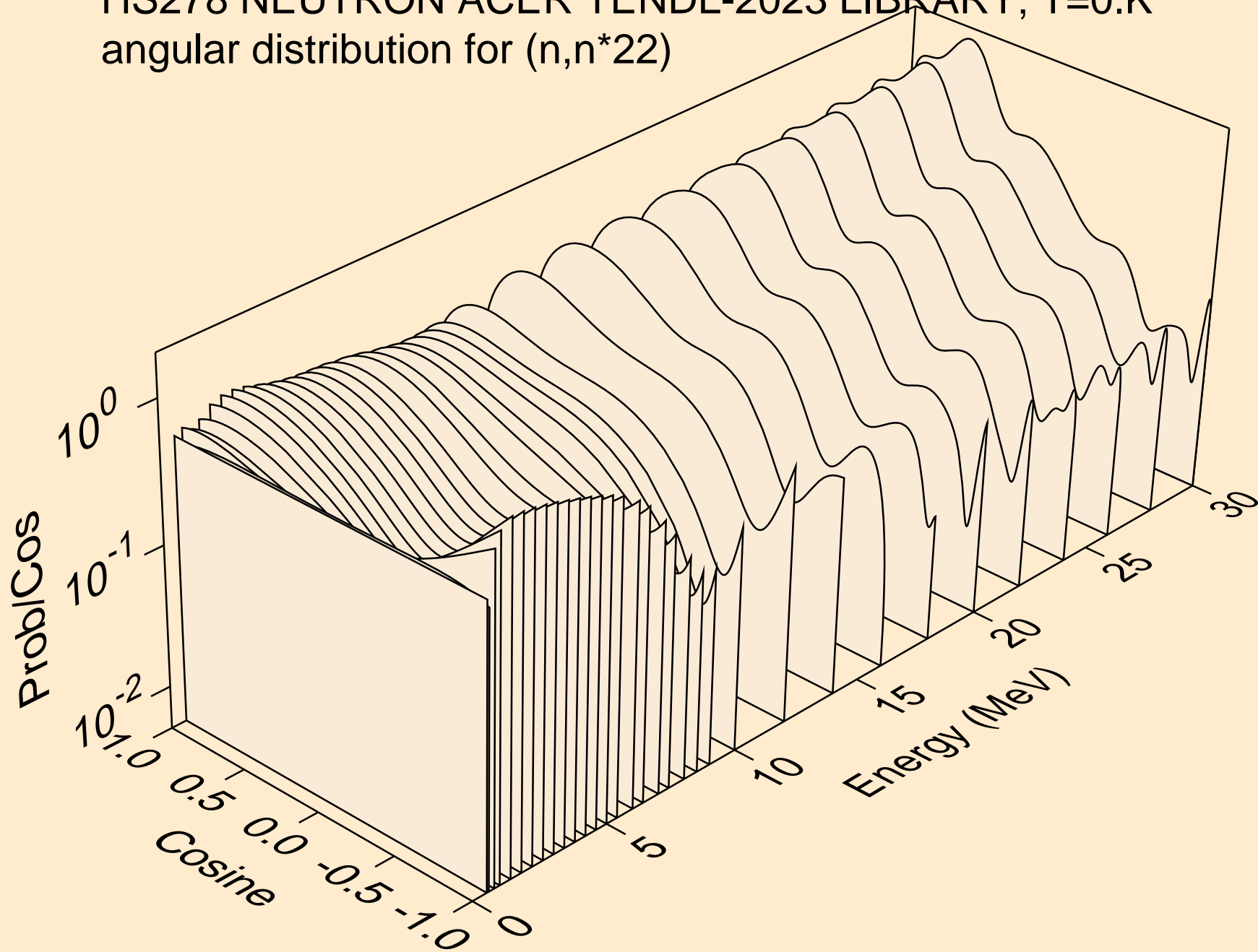
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angular distribution for (n,n*20)



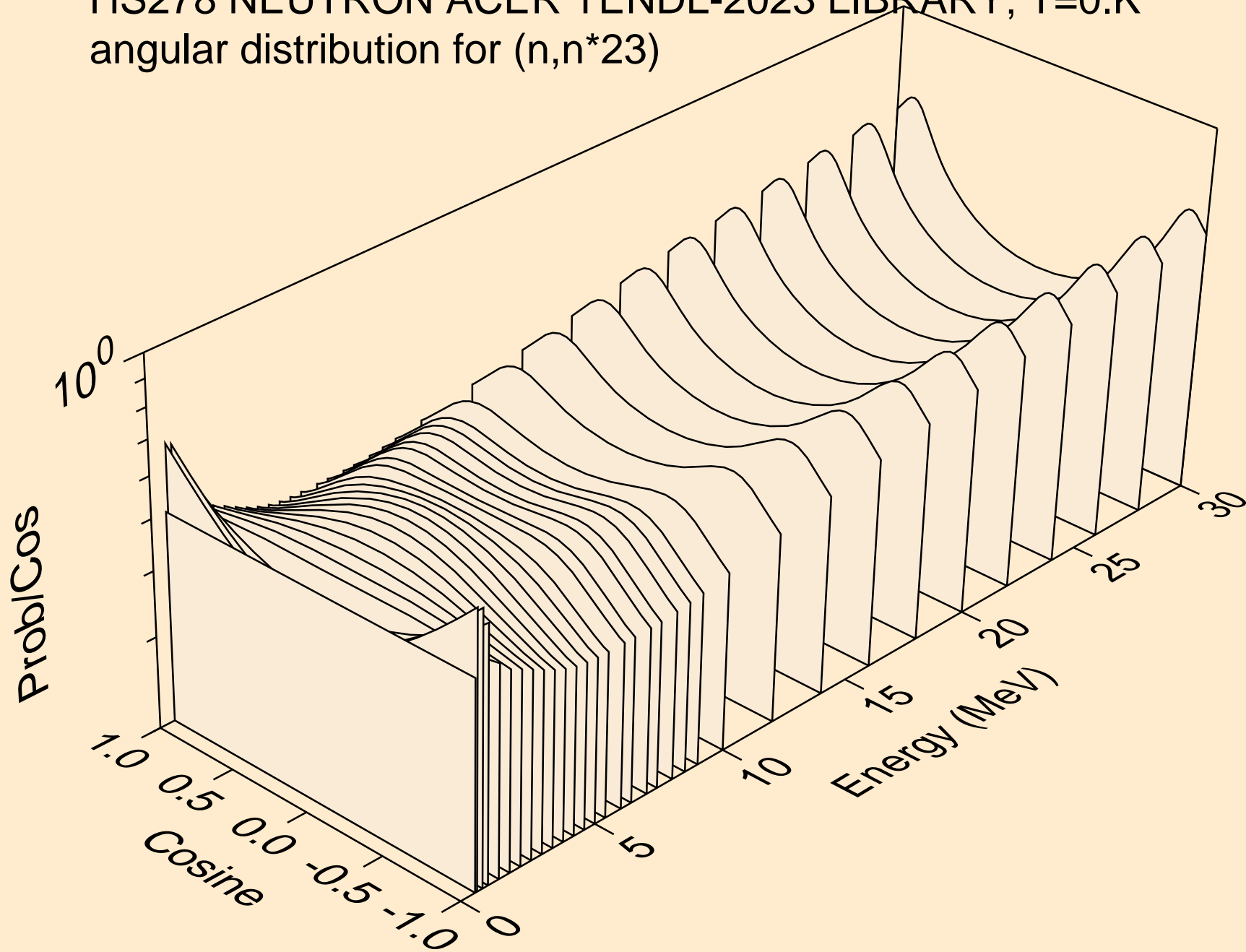
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angular distribution for (n,n*21)



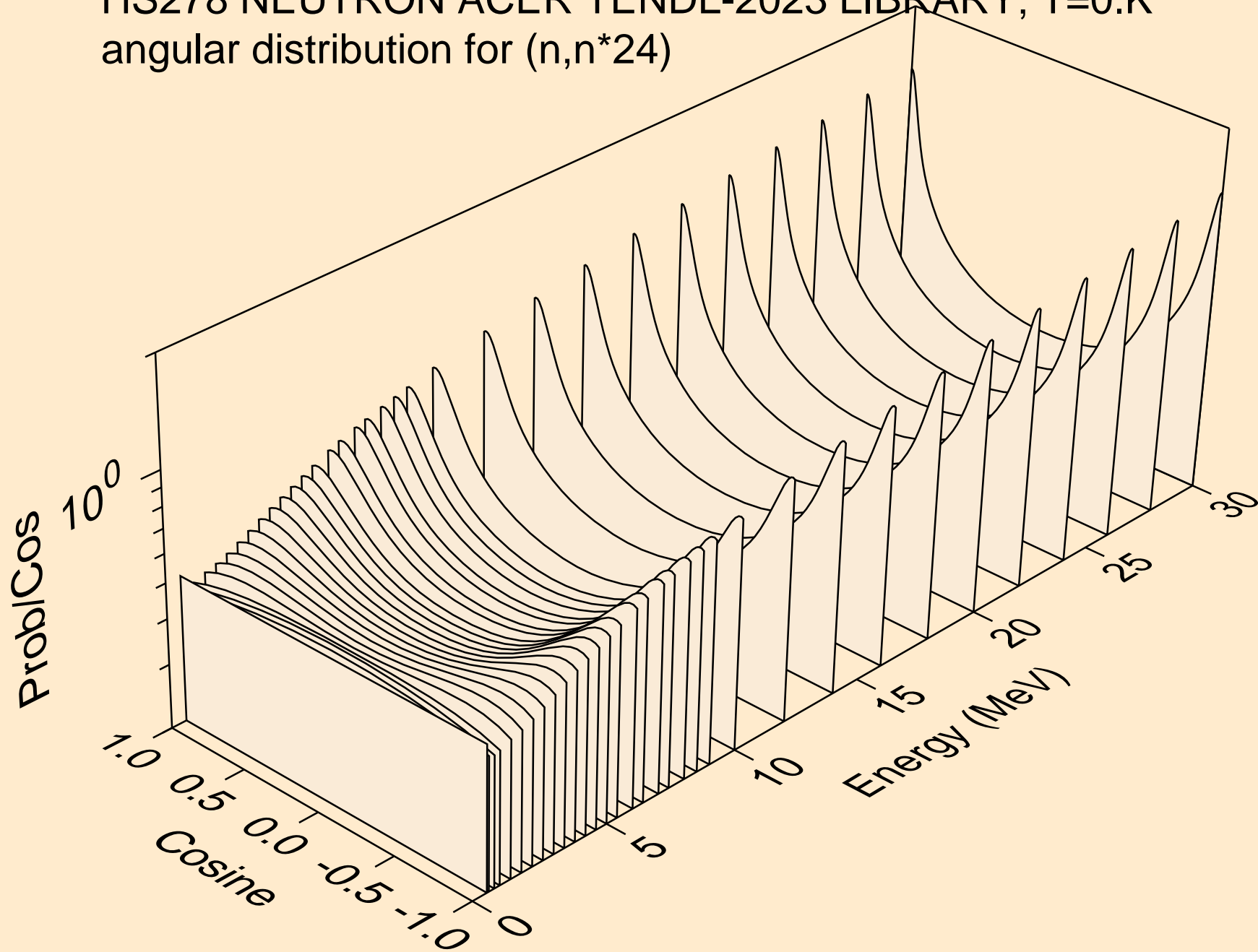
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angular distribution for (n,n*22)



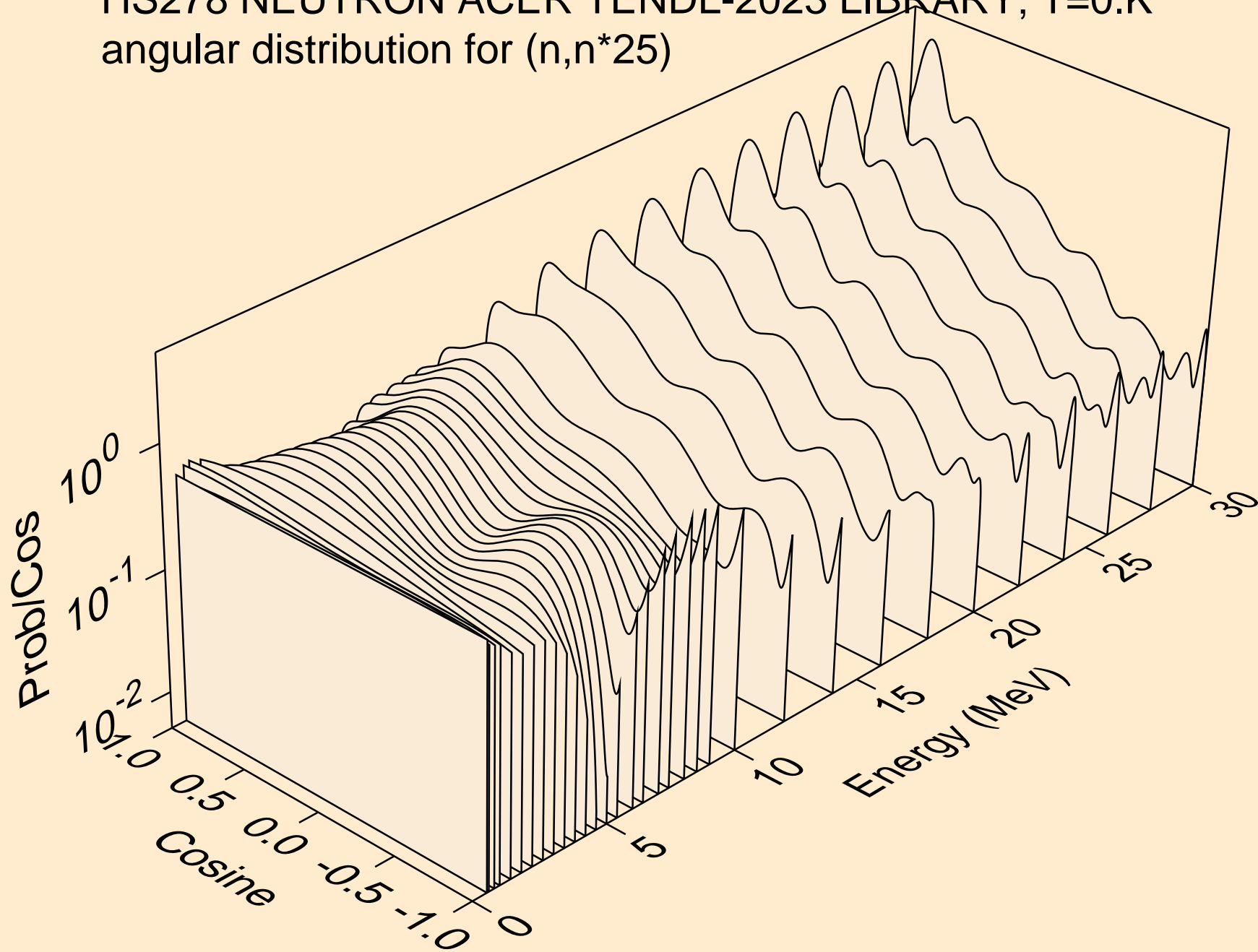
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angular distribution for (n,n*23)



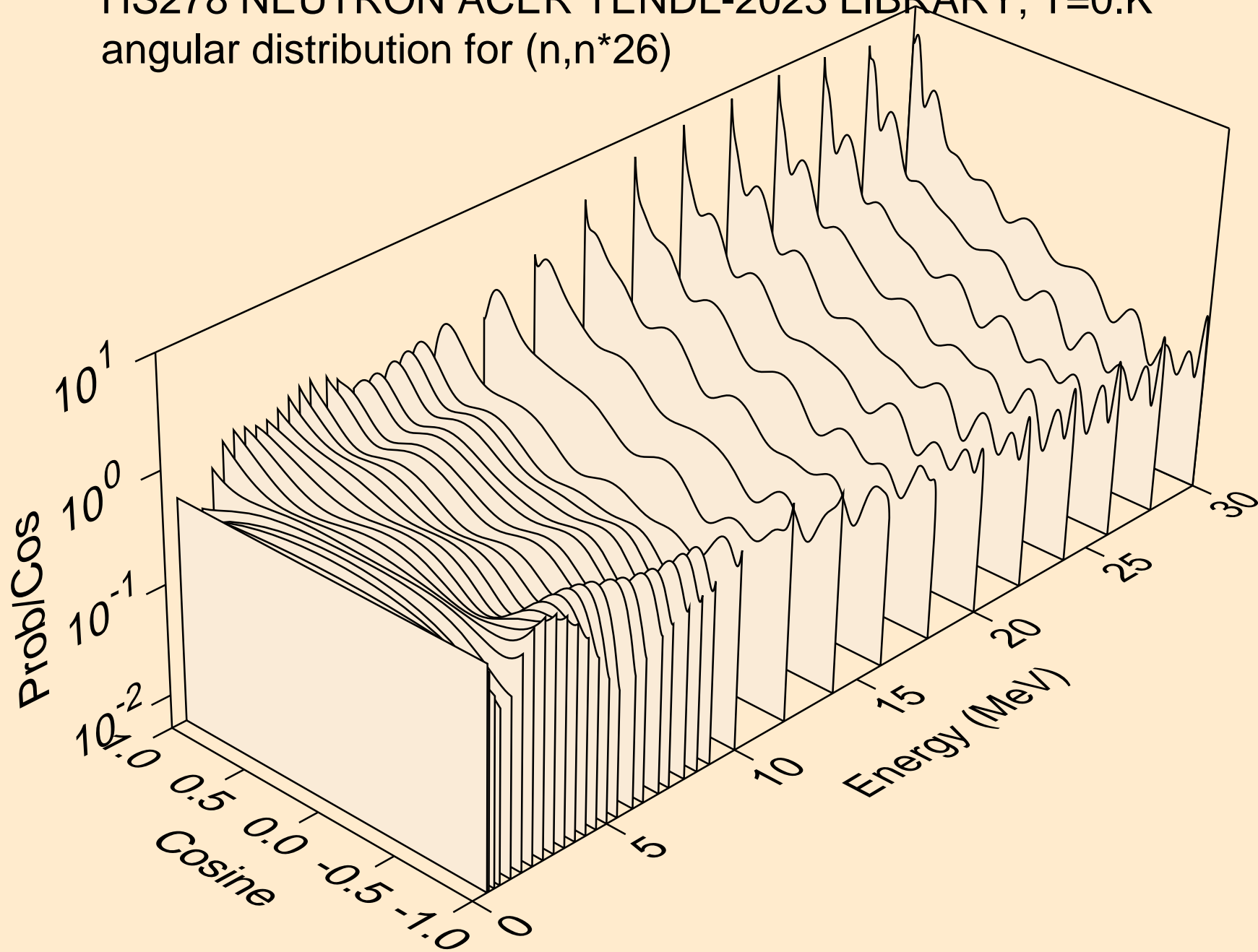
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angular distribution for (n,n*24)



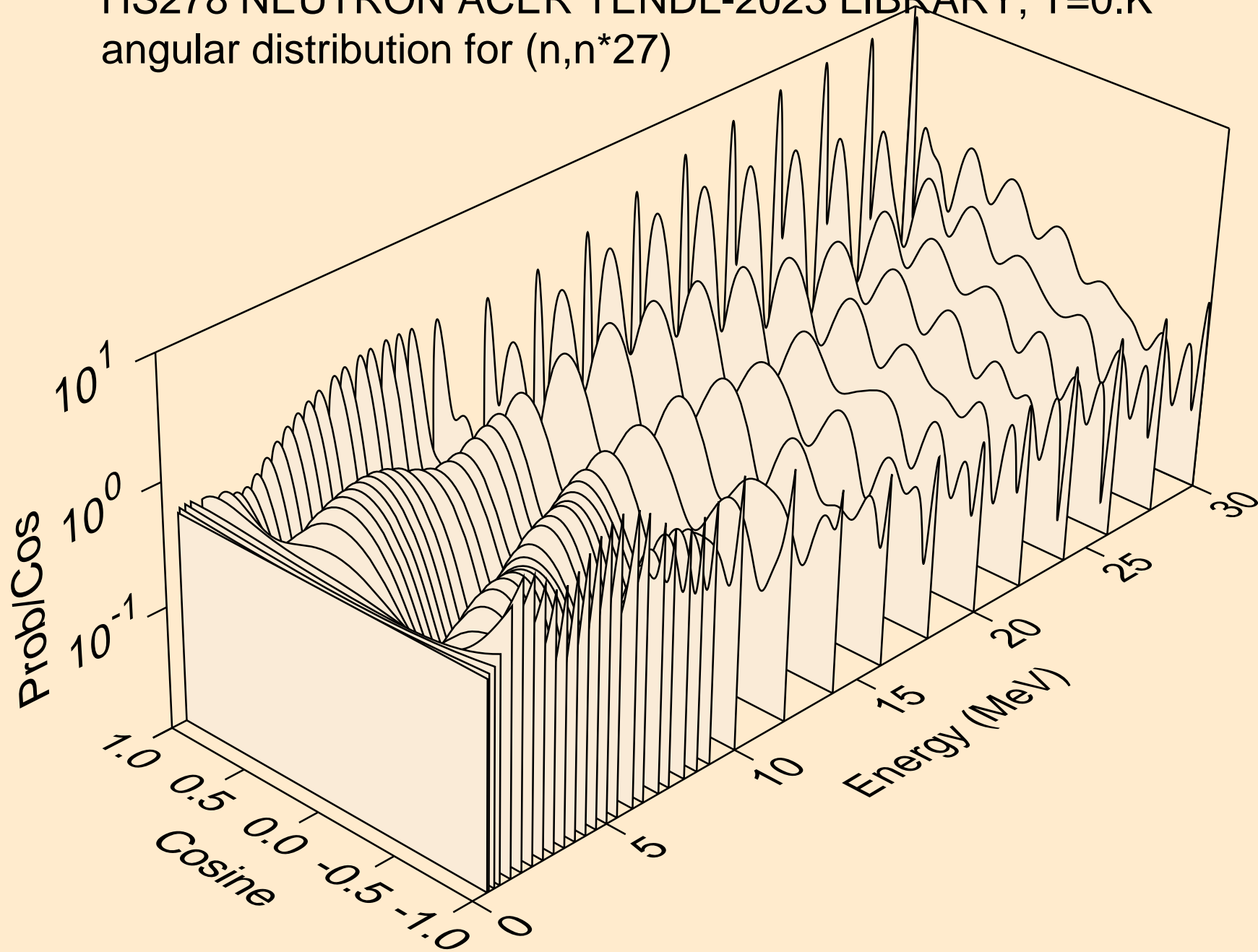
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)

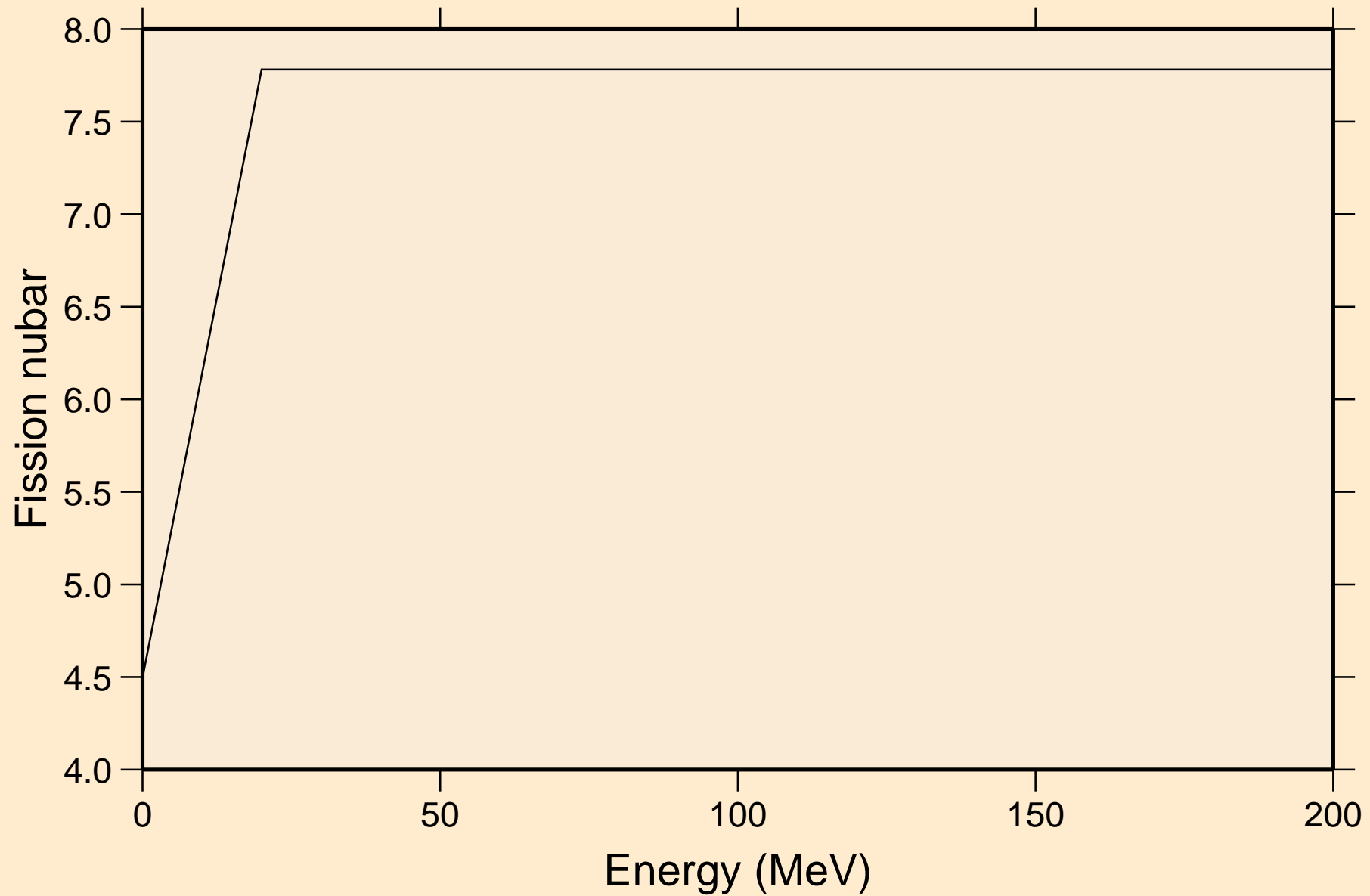


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)

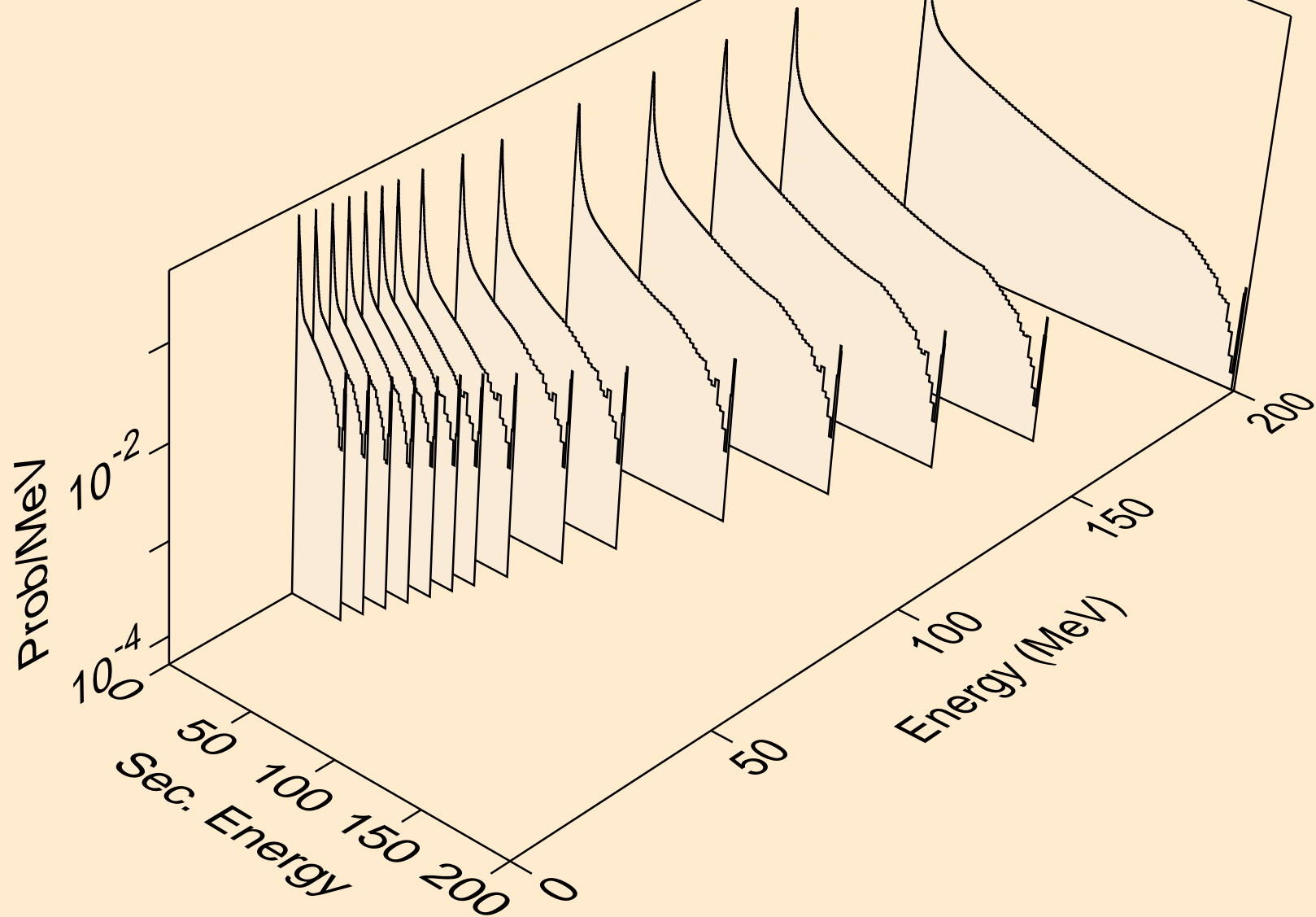


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

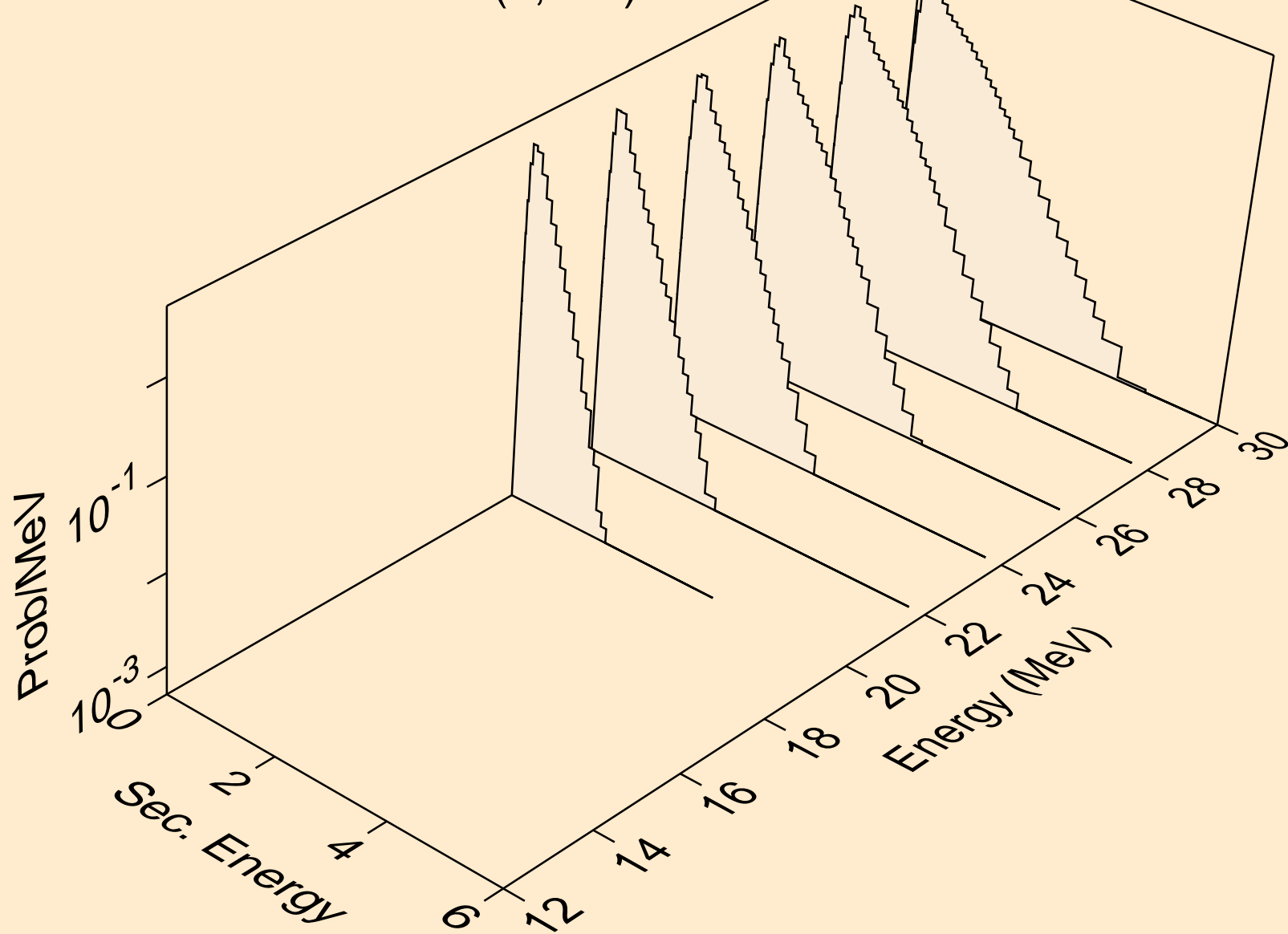
Total fission nubar



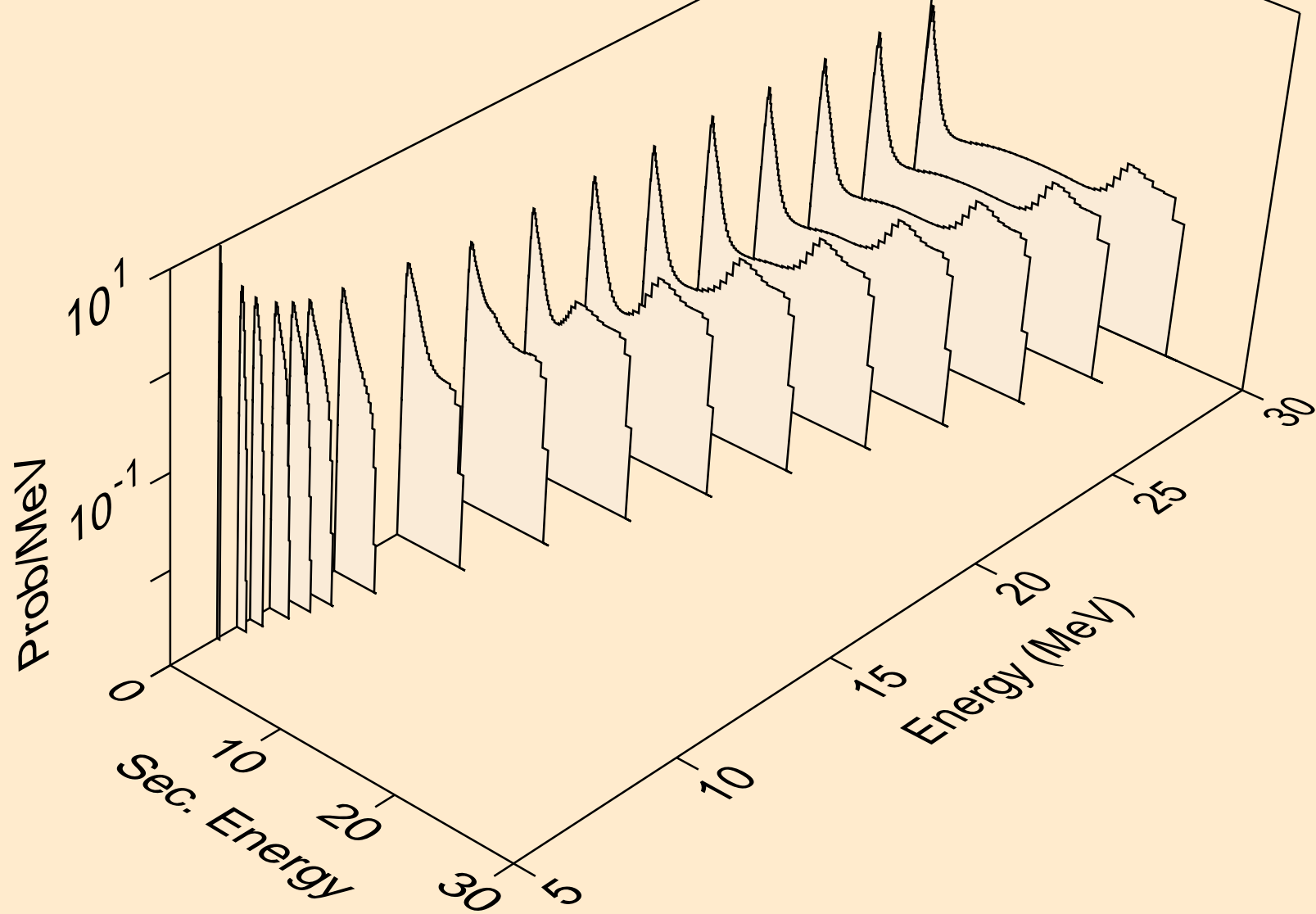
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



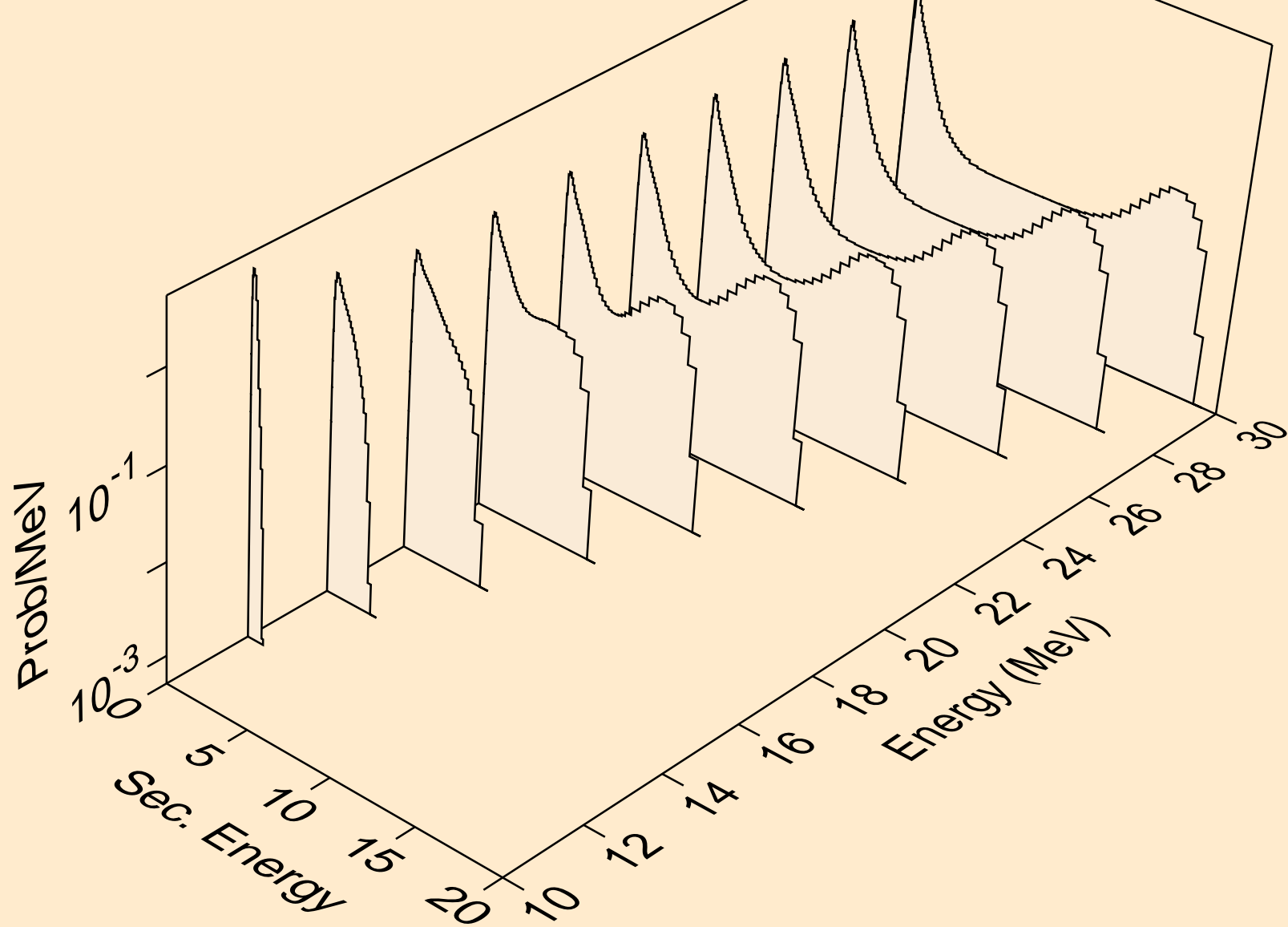
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



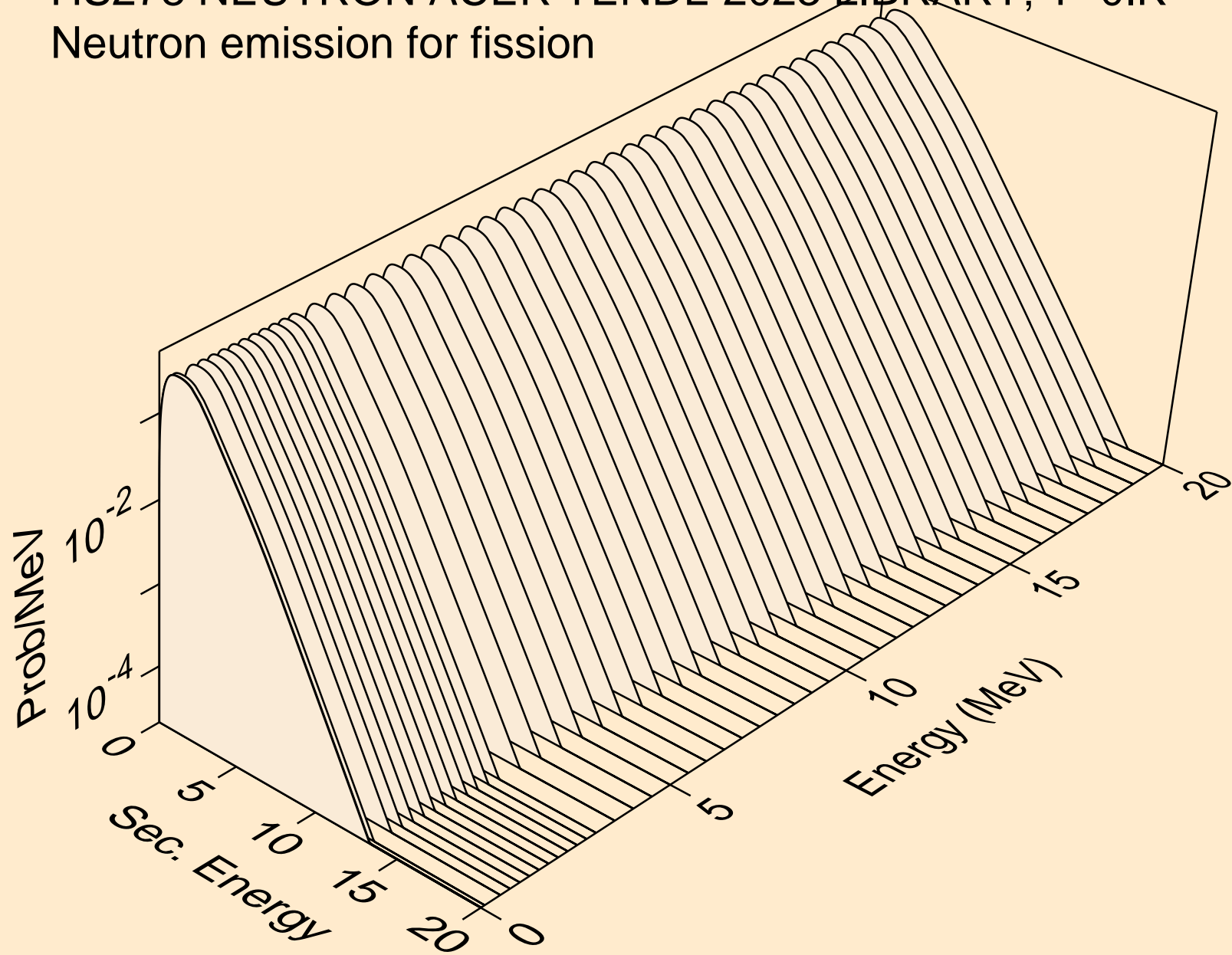
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



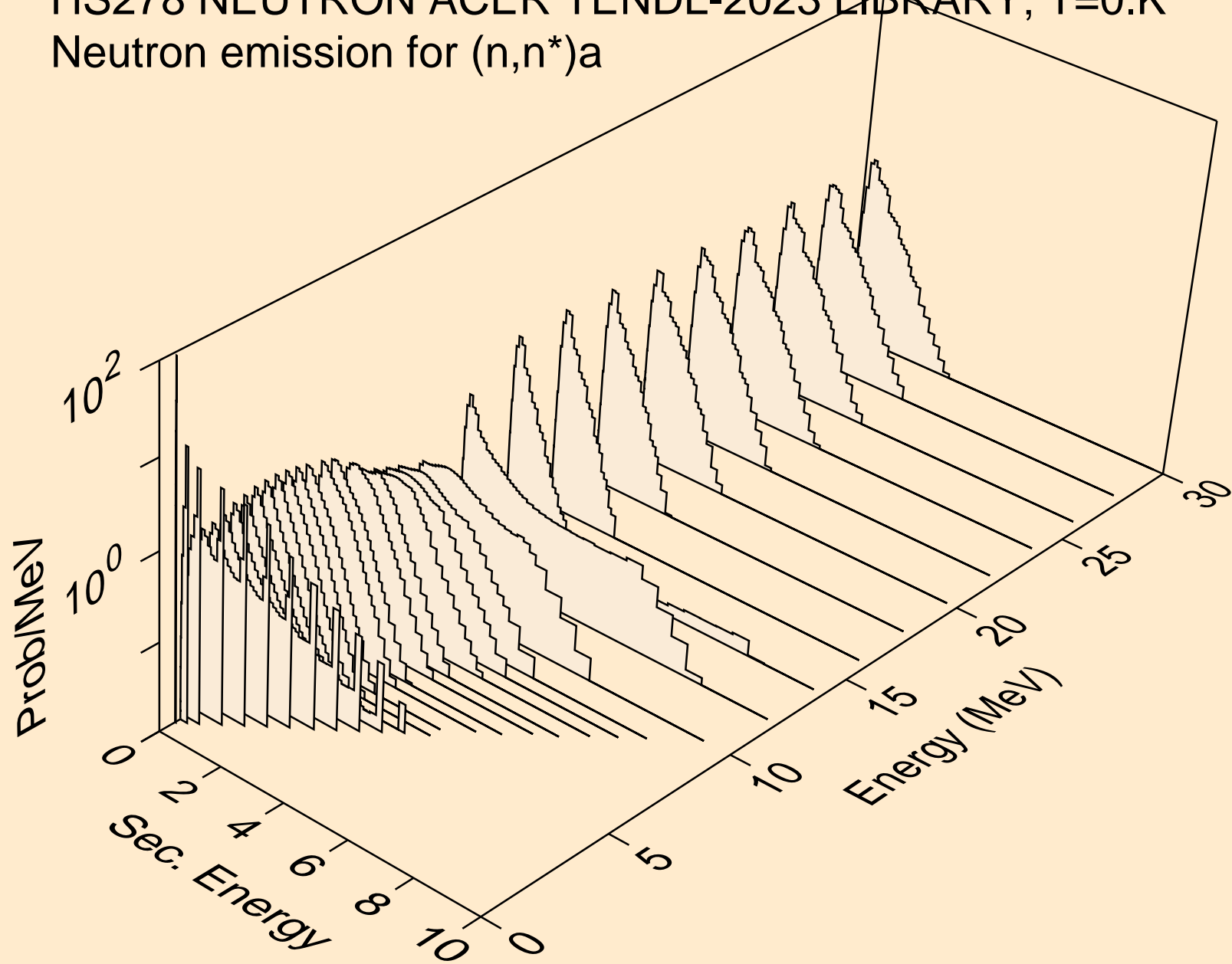
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



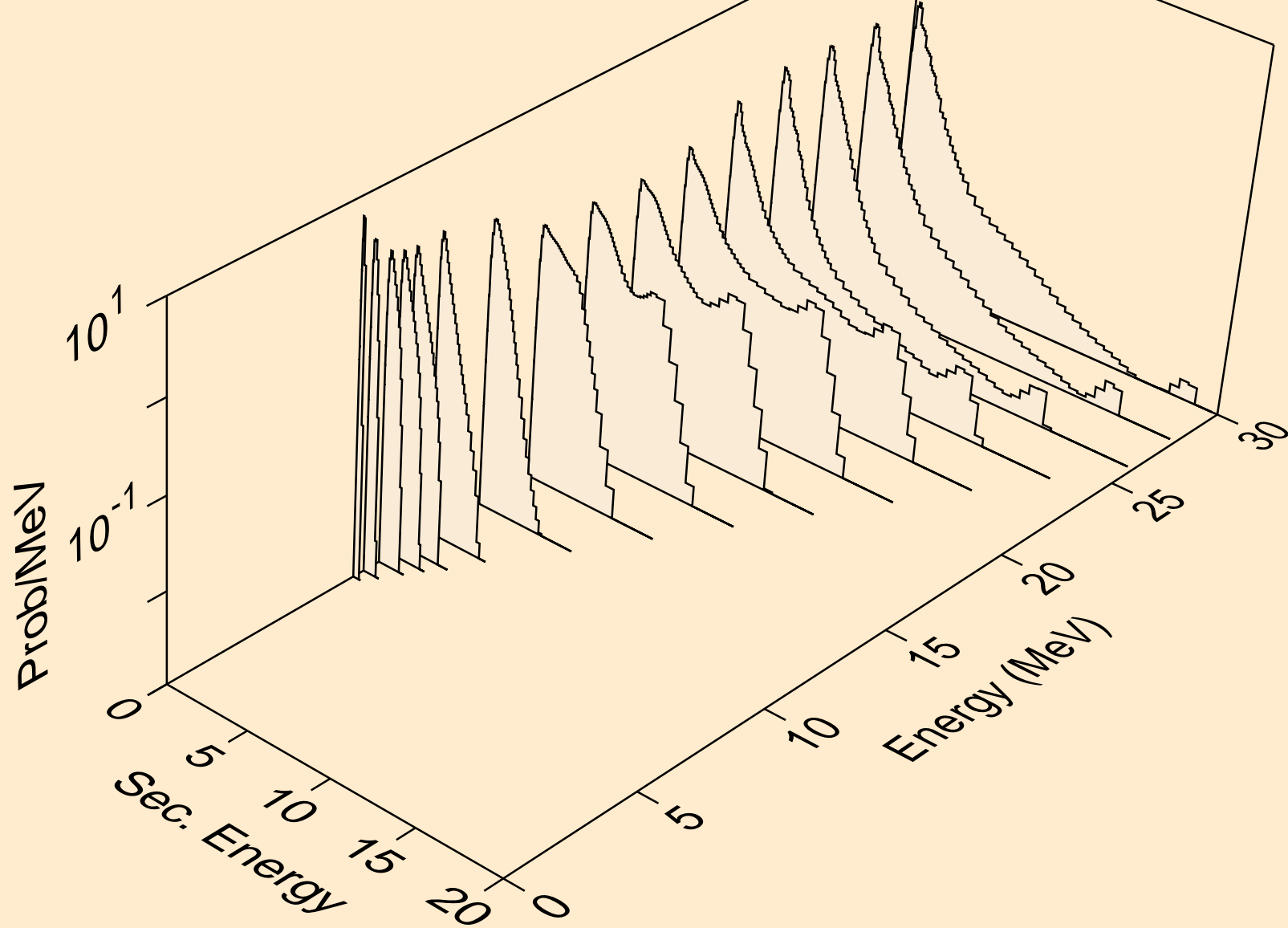
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



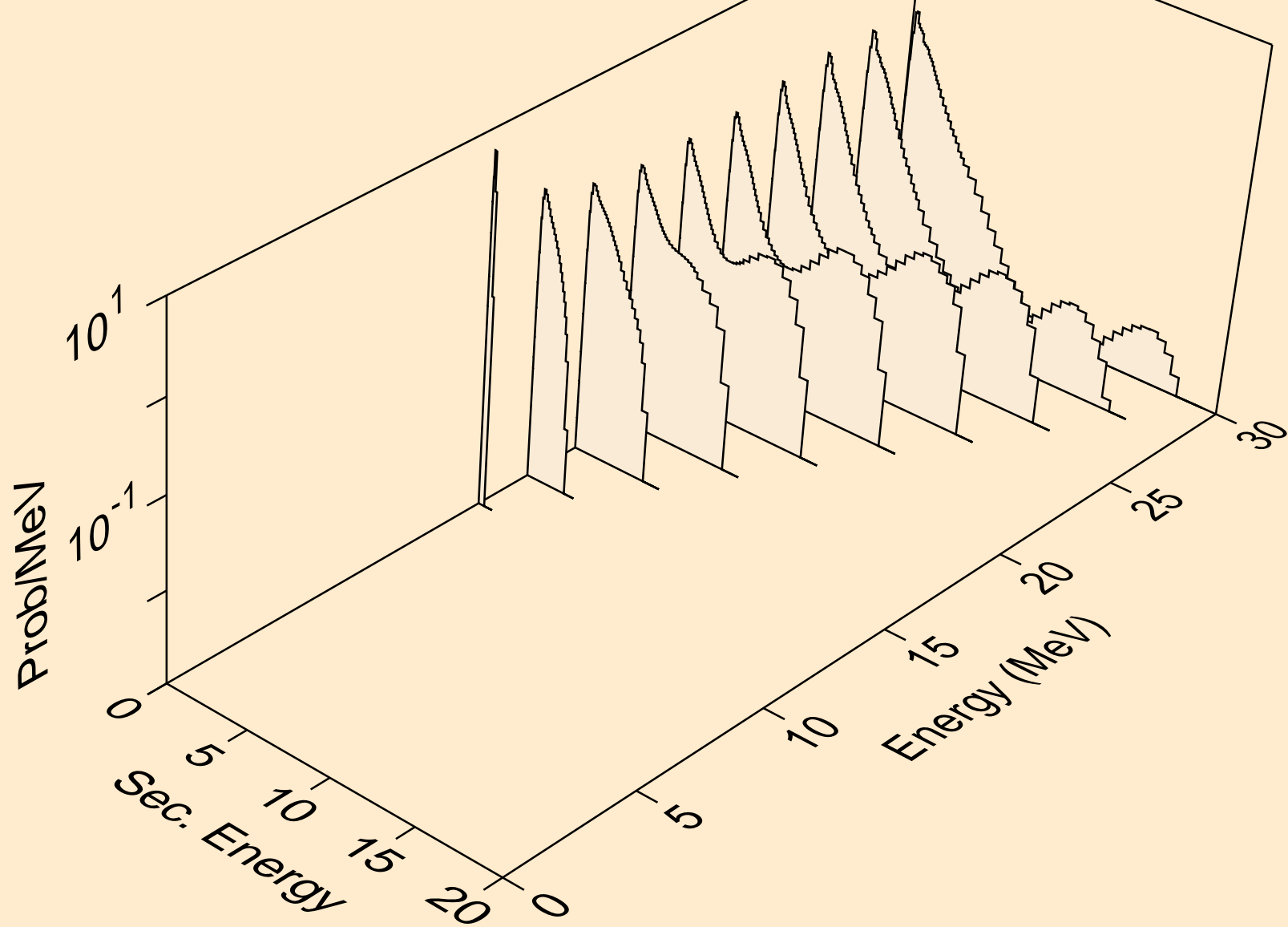
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



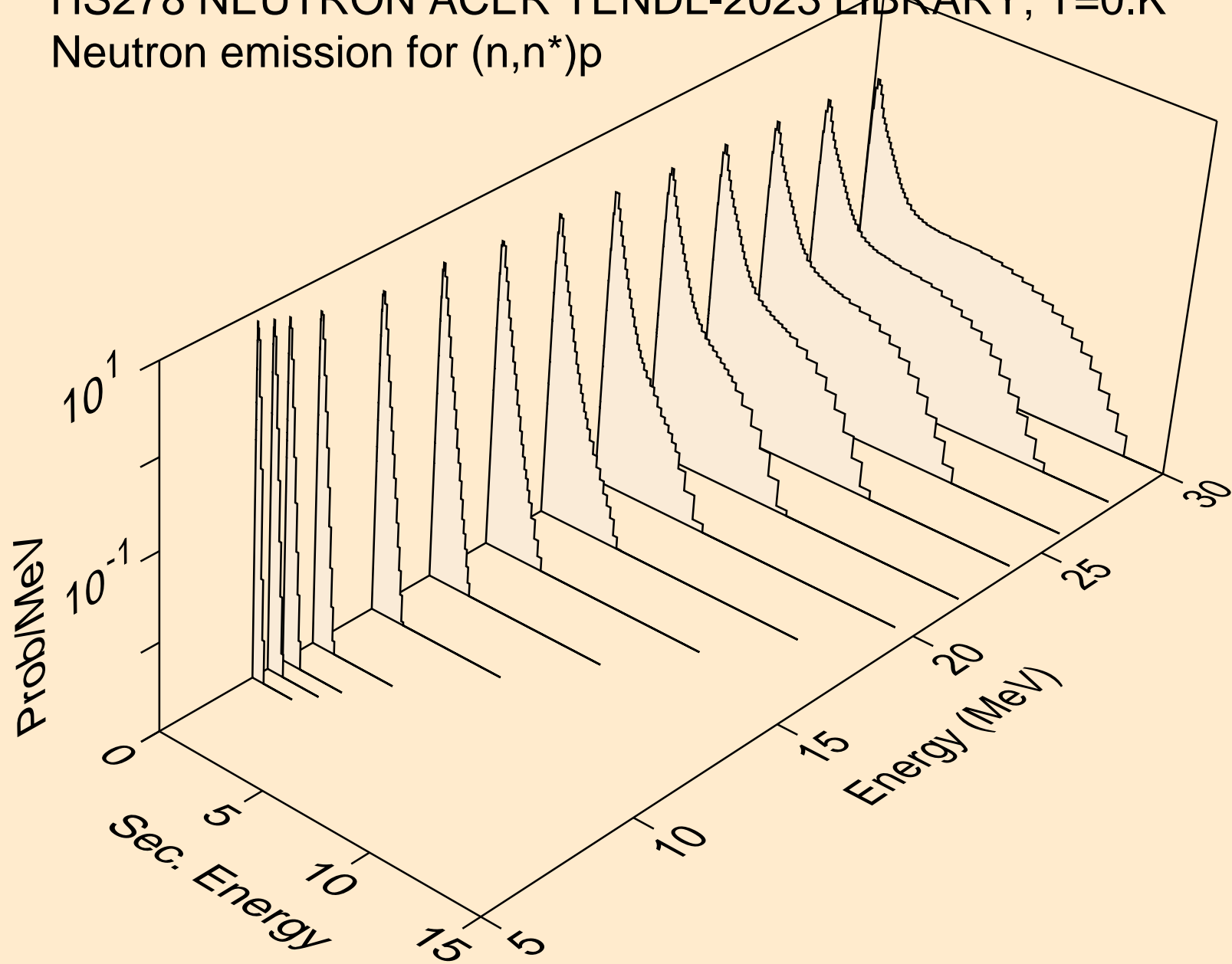
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



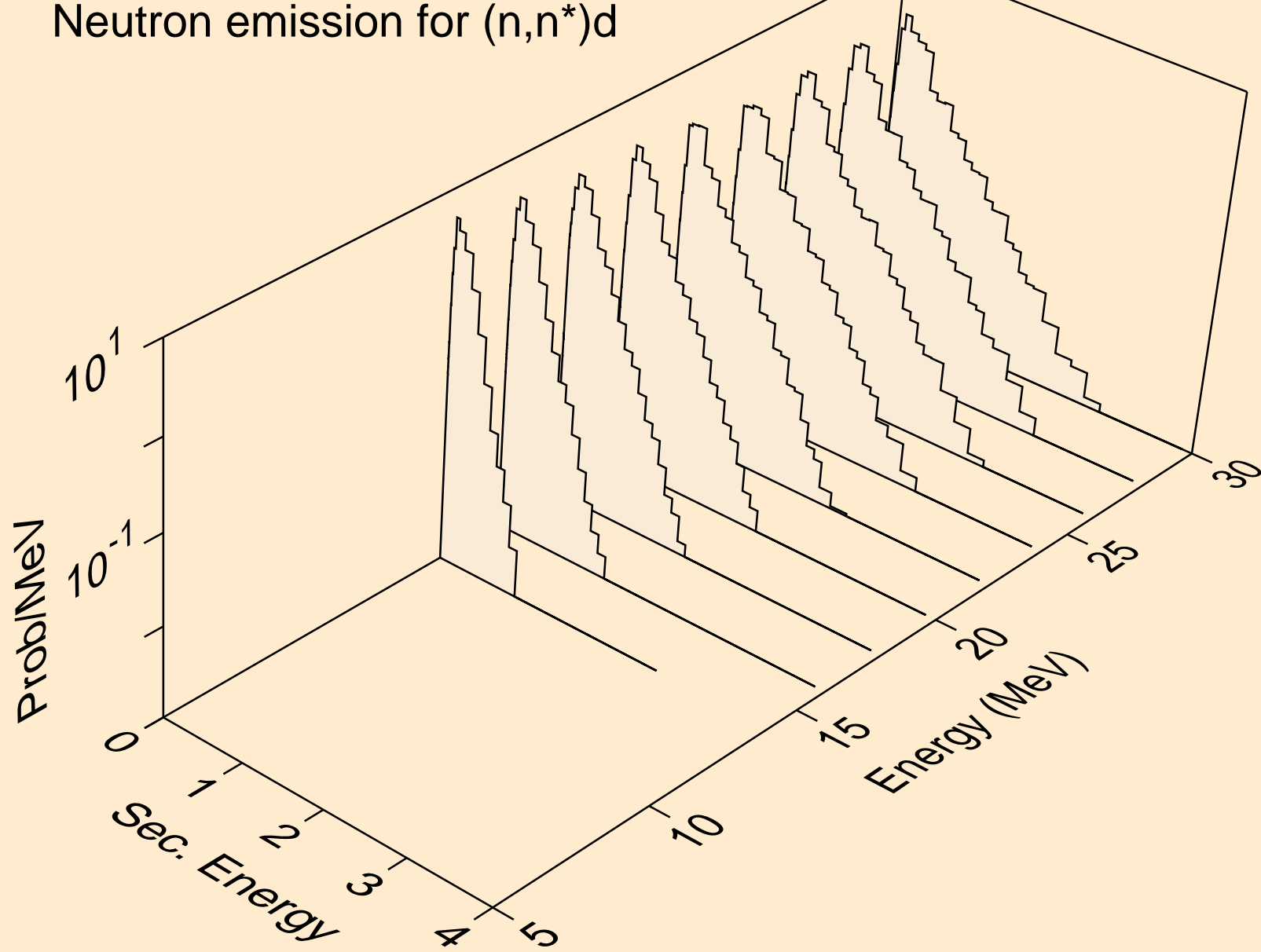
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



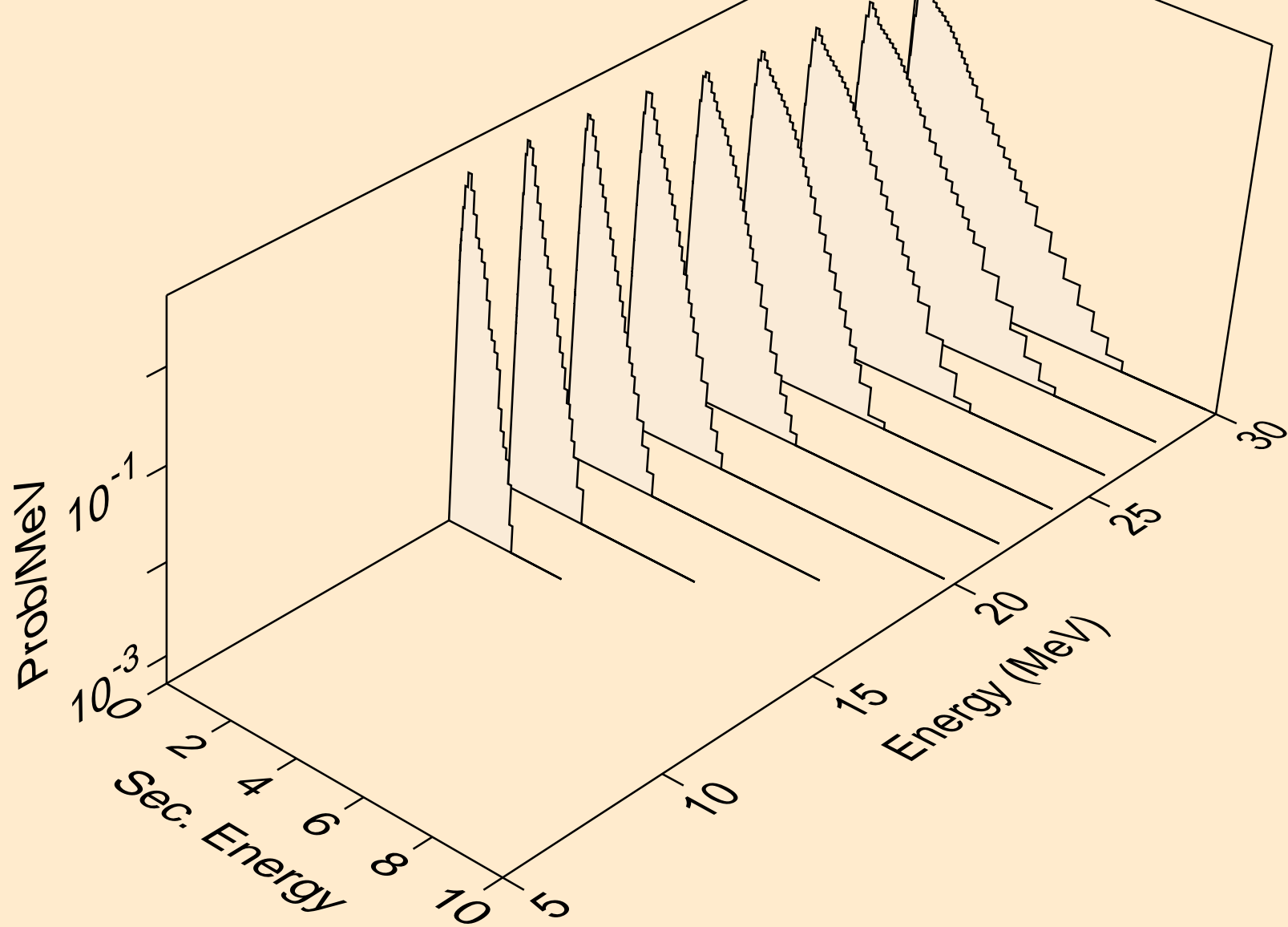
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



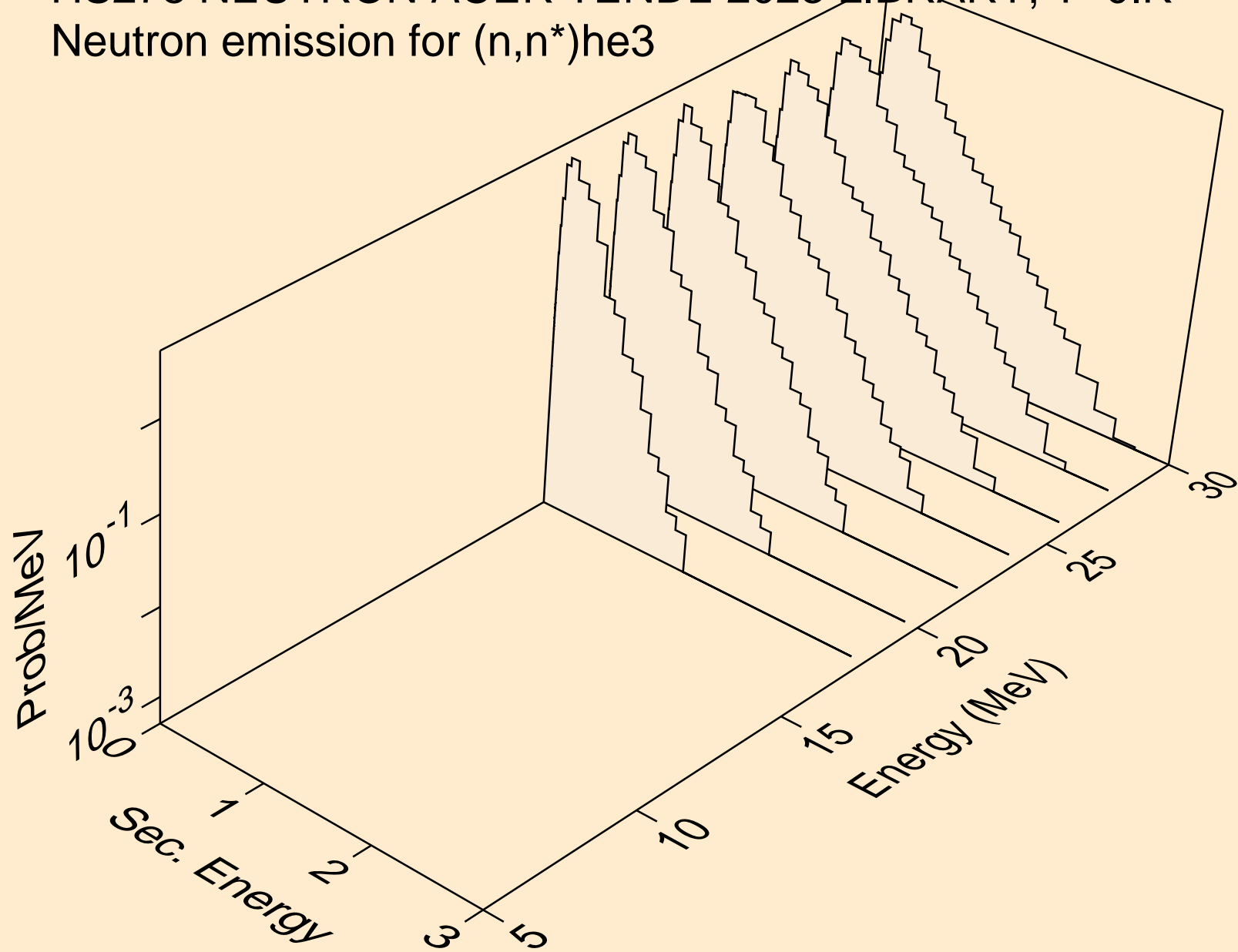
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



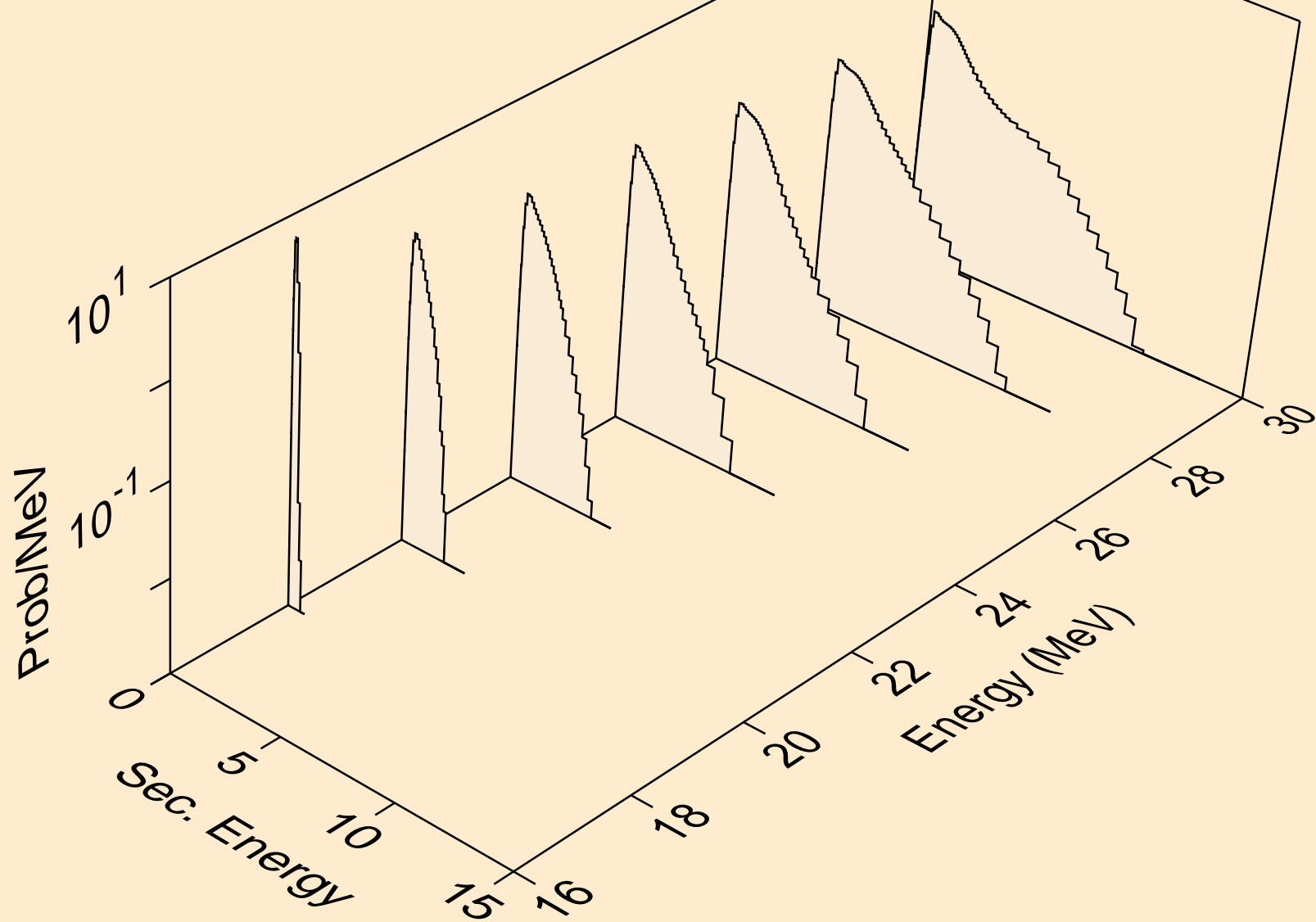
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



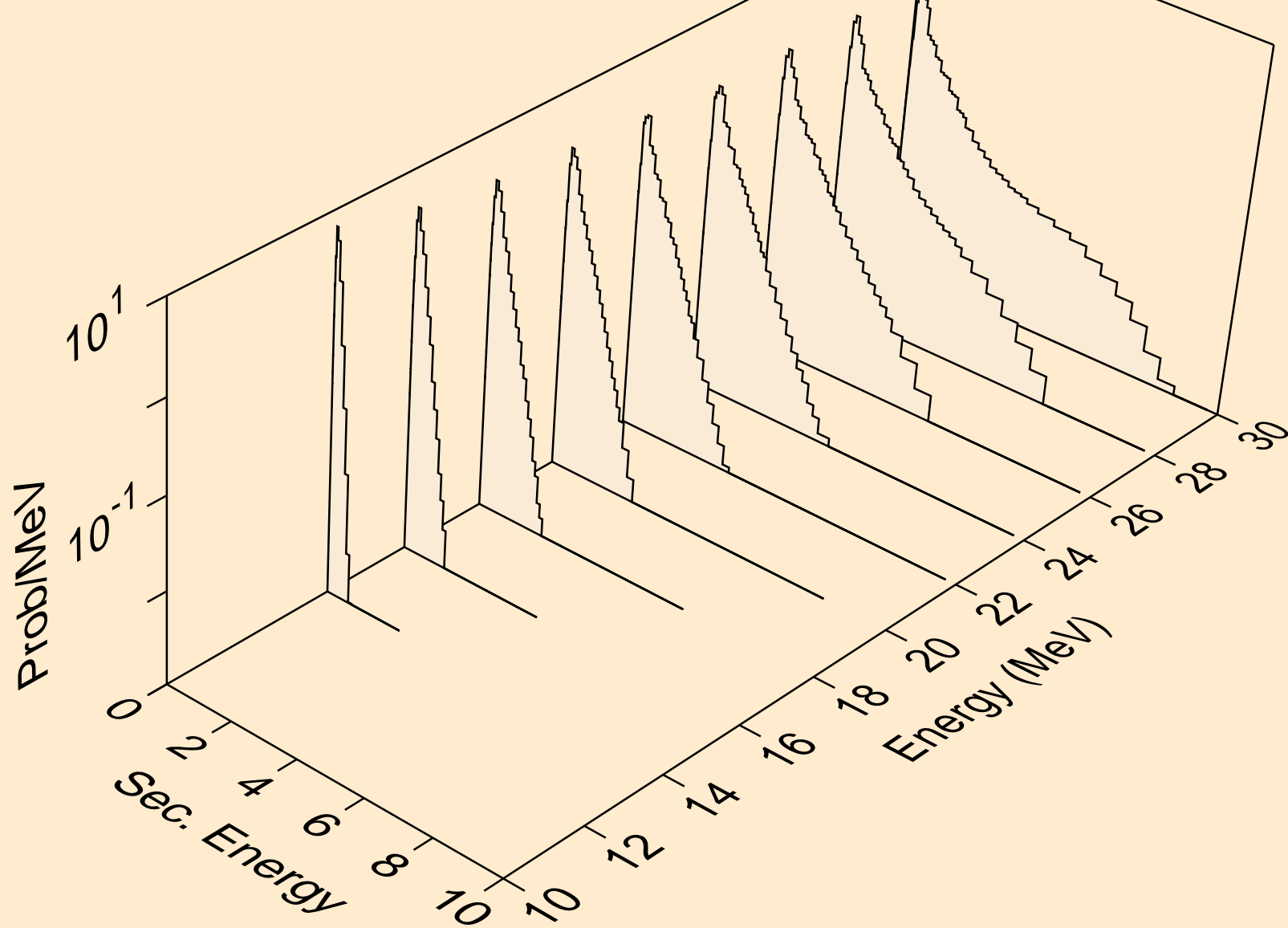
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



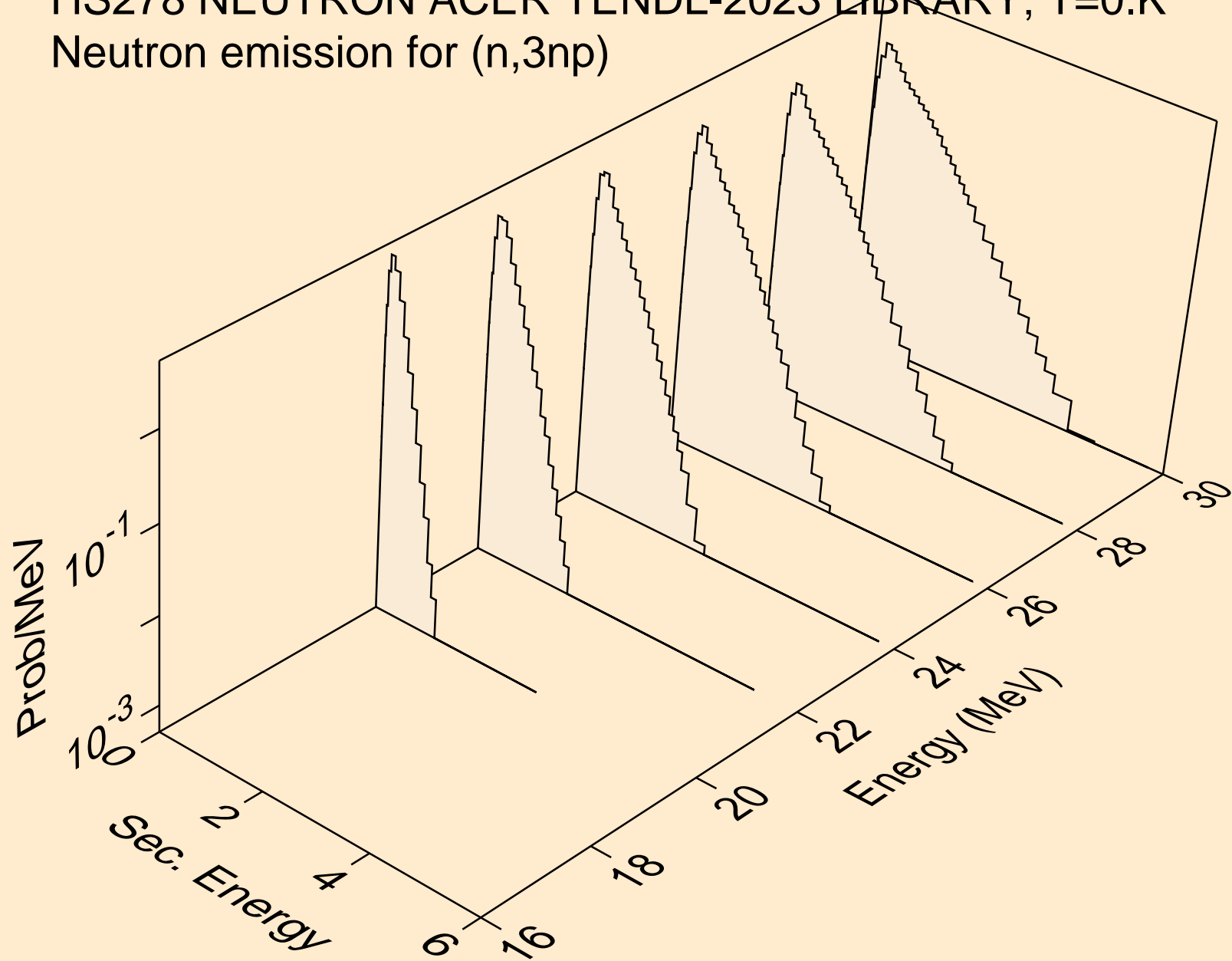
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



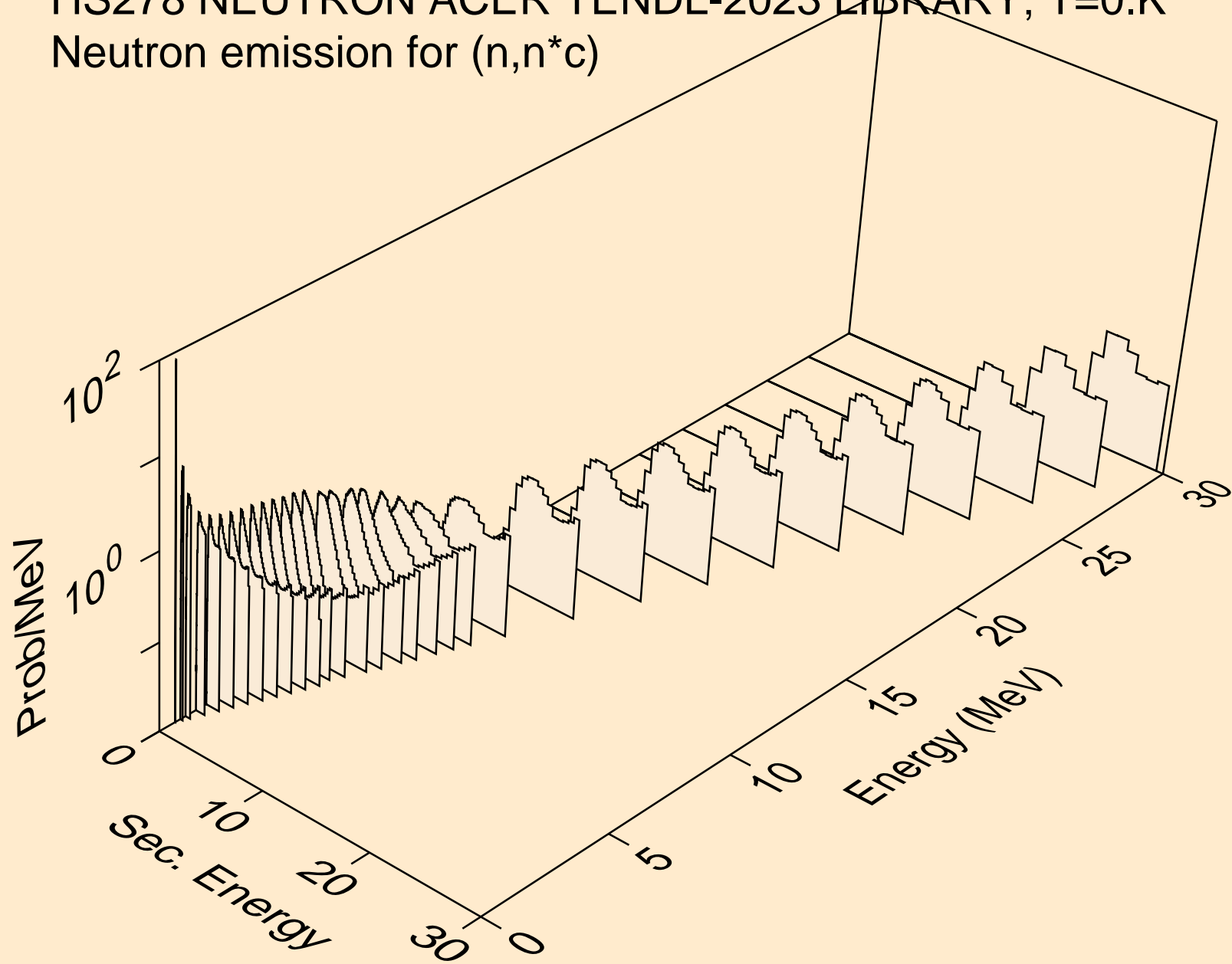
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)

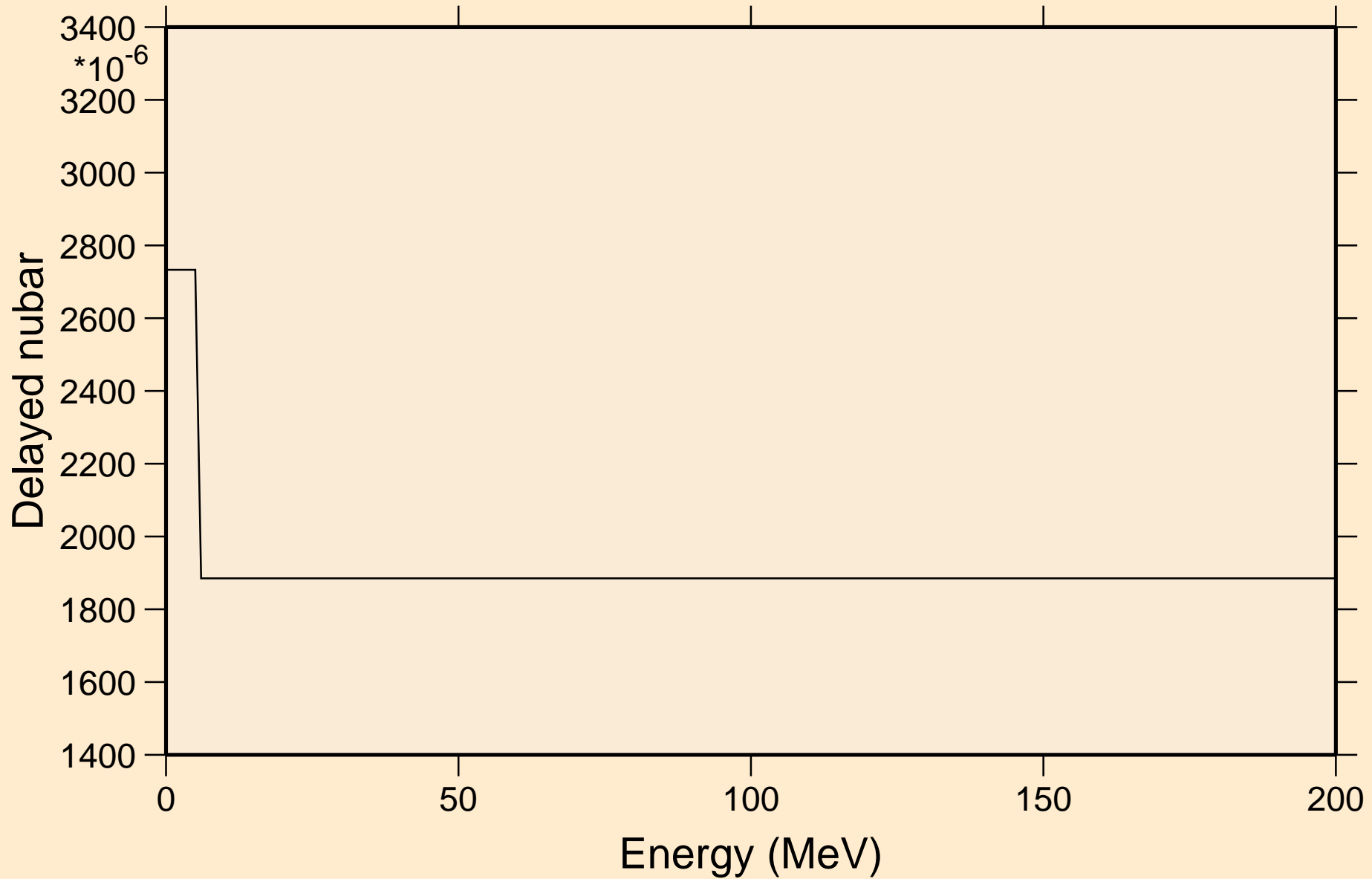


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



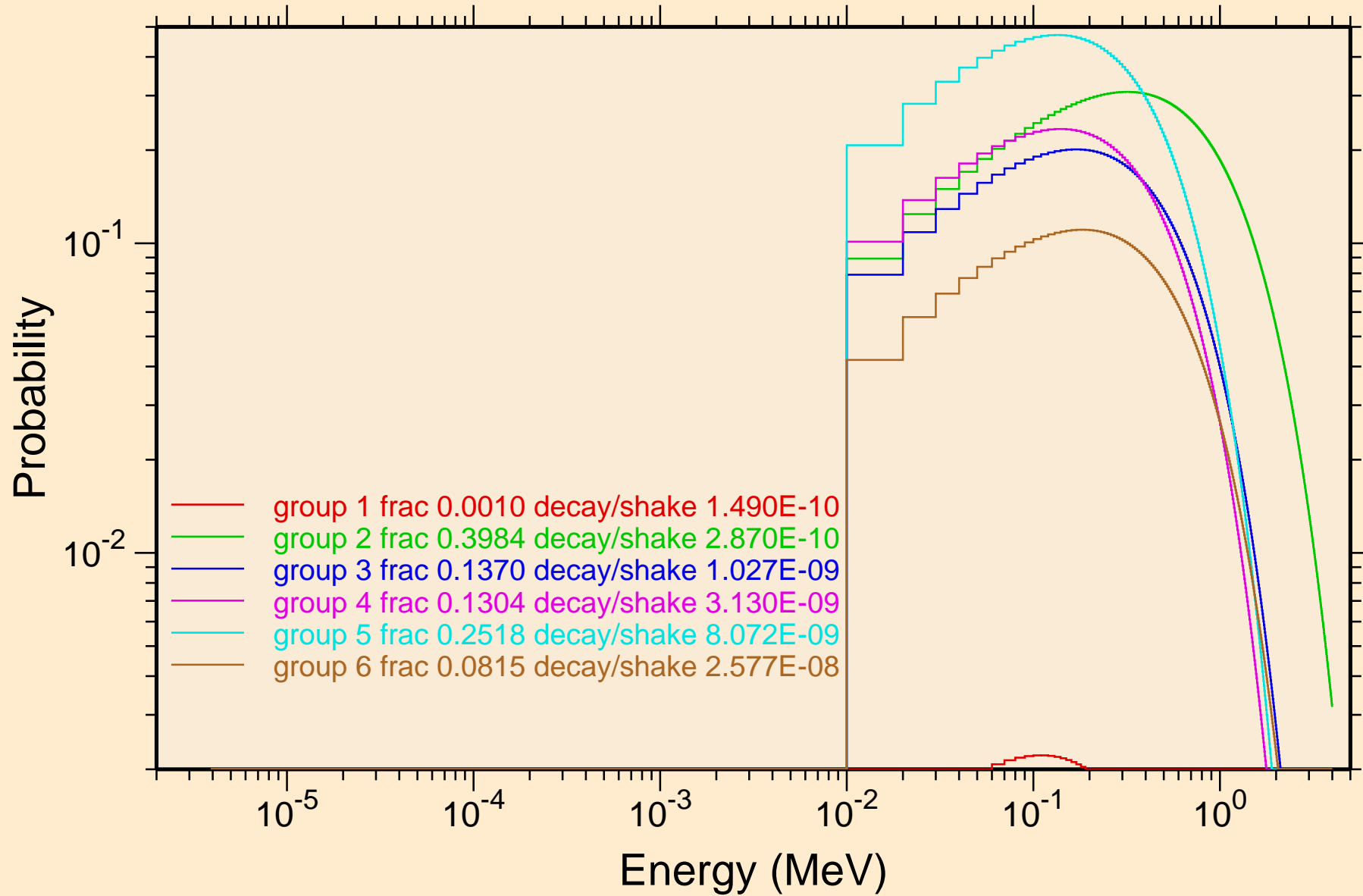
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

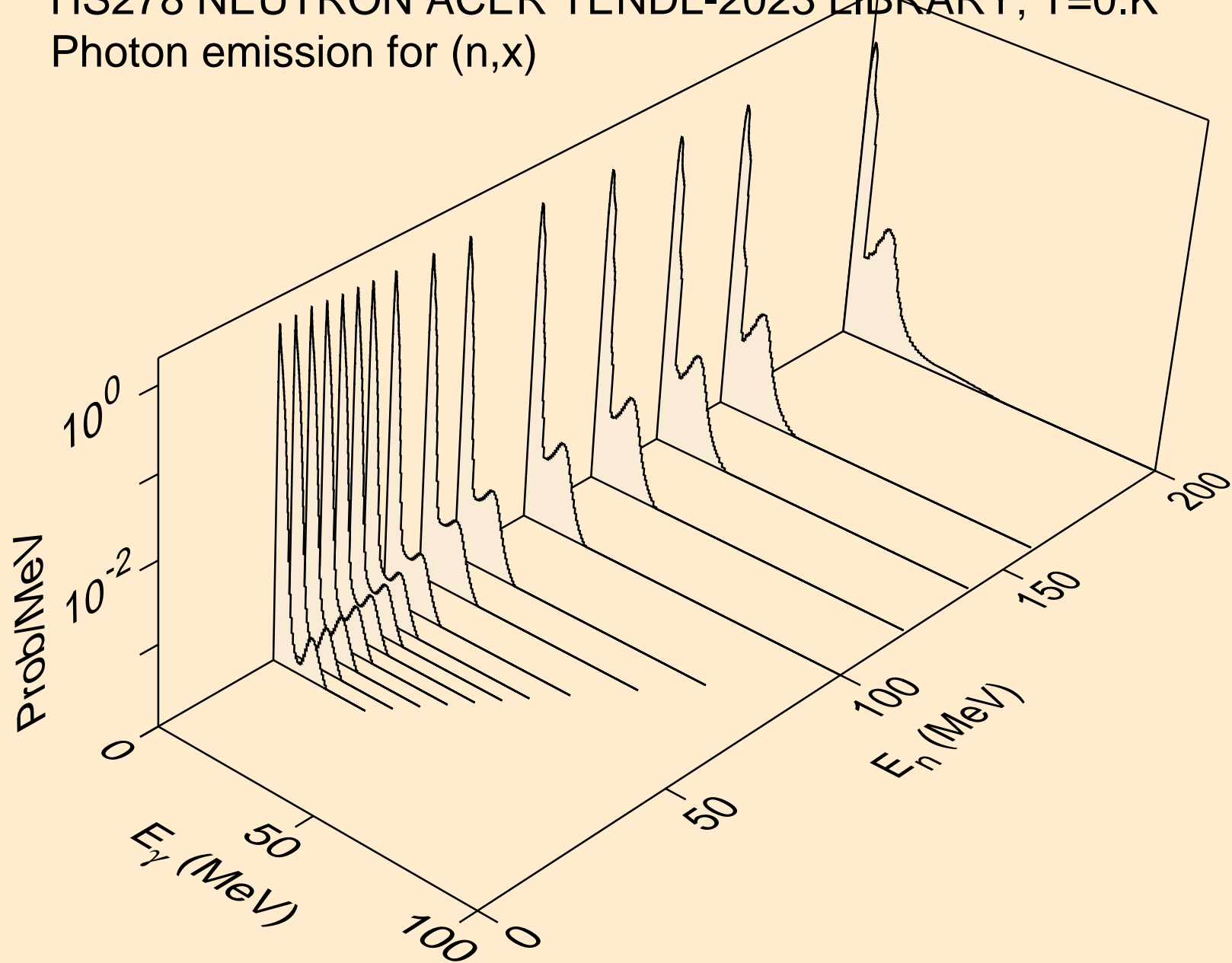


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

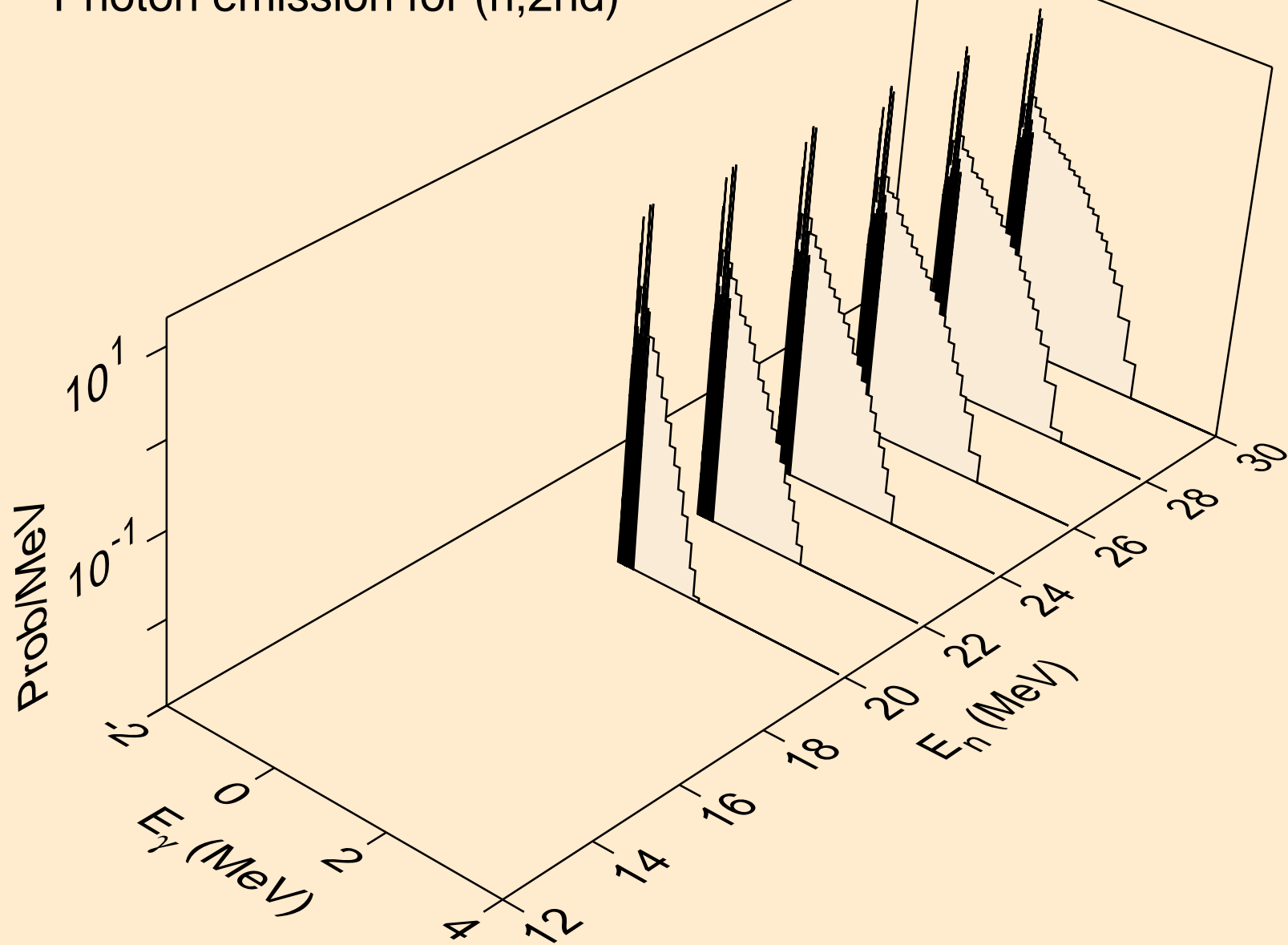
Delayed neutron spectra



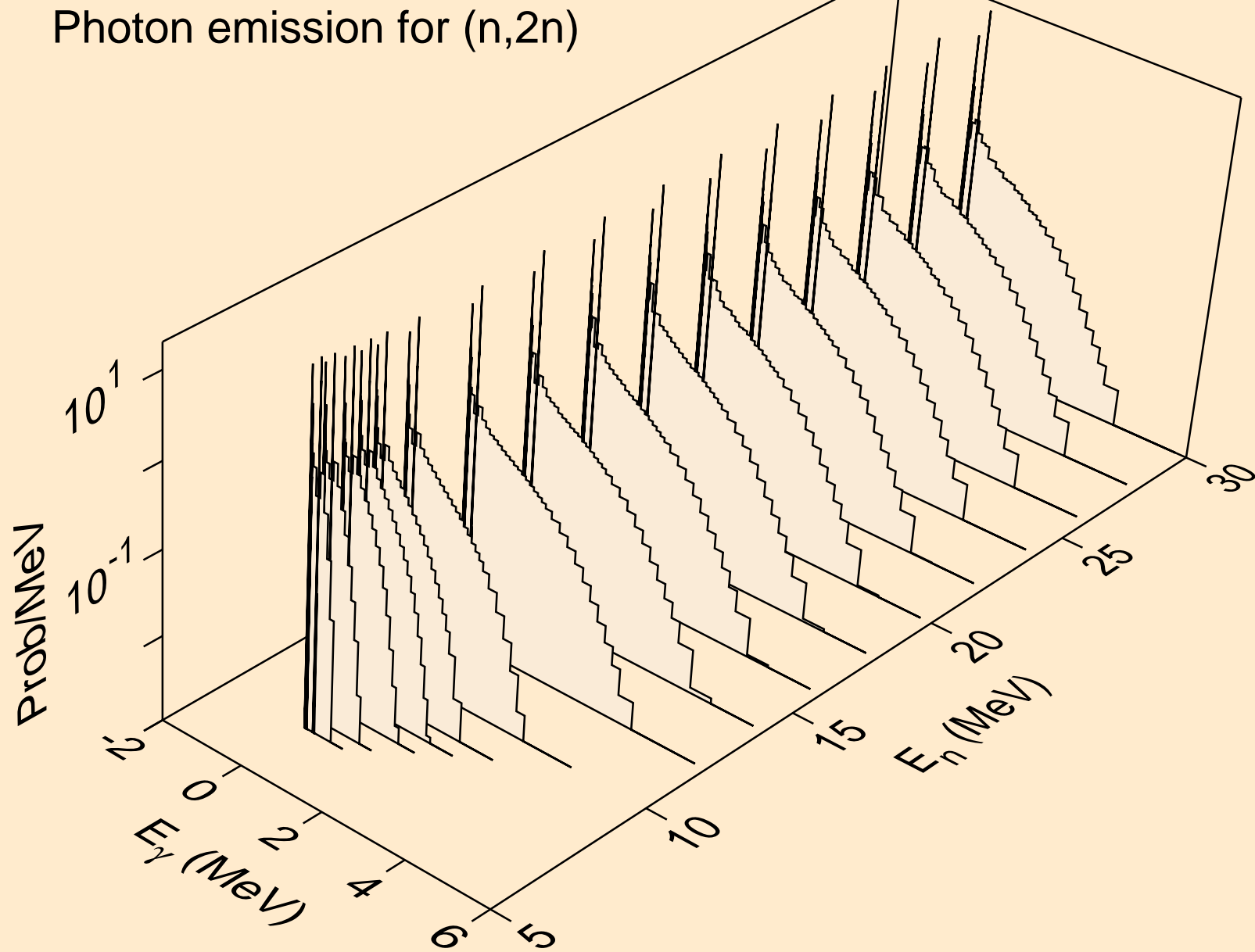
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



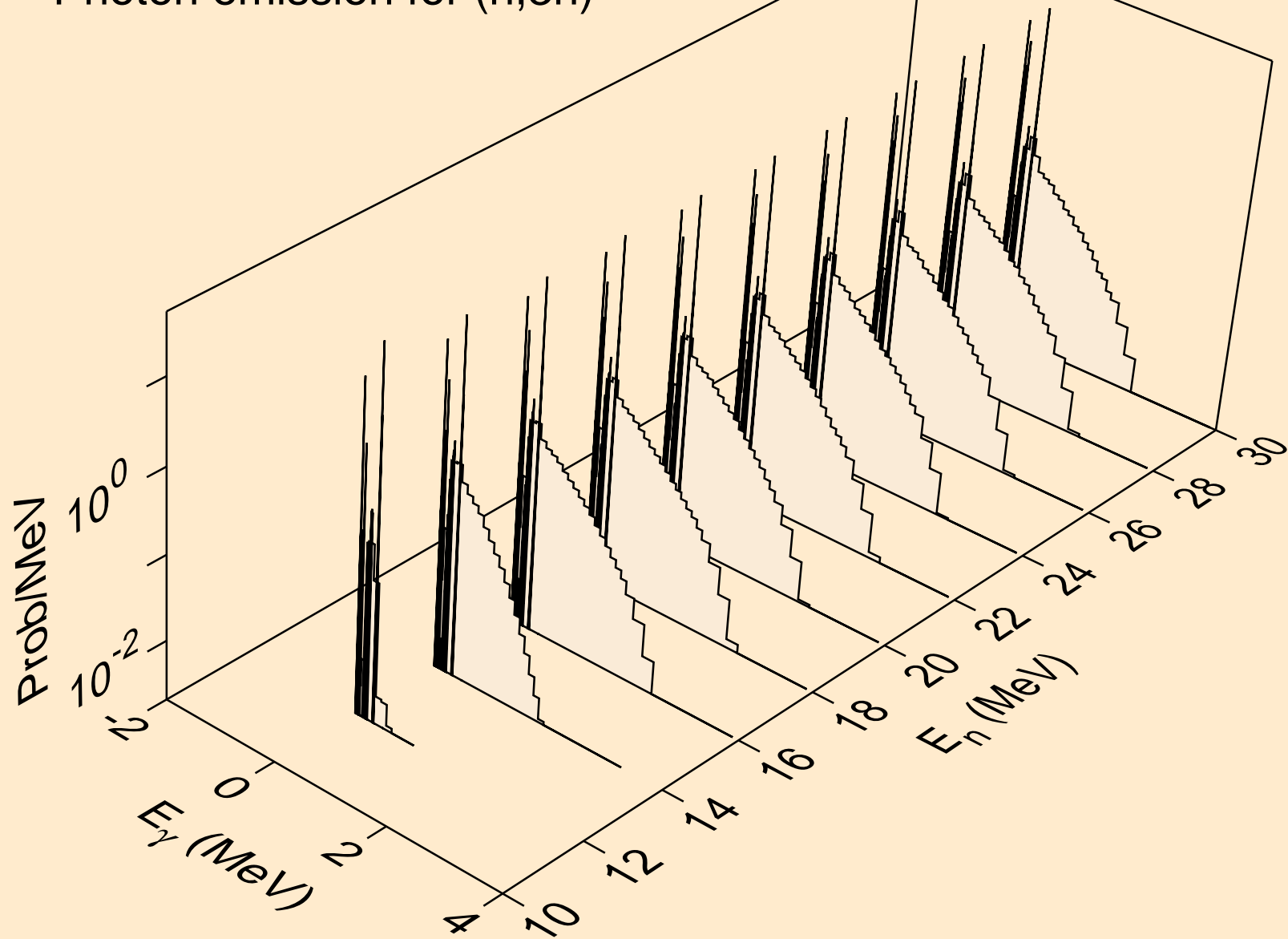
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



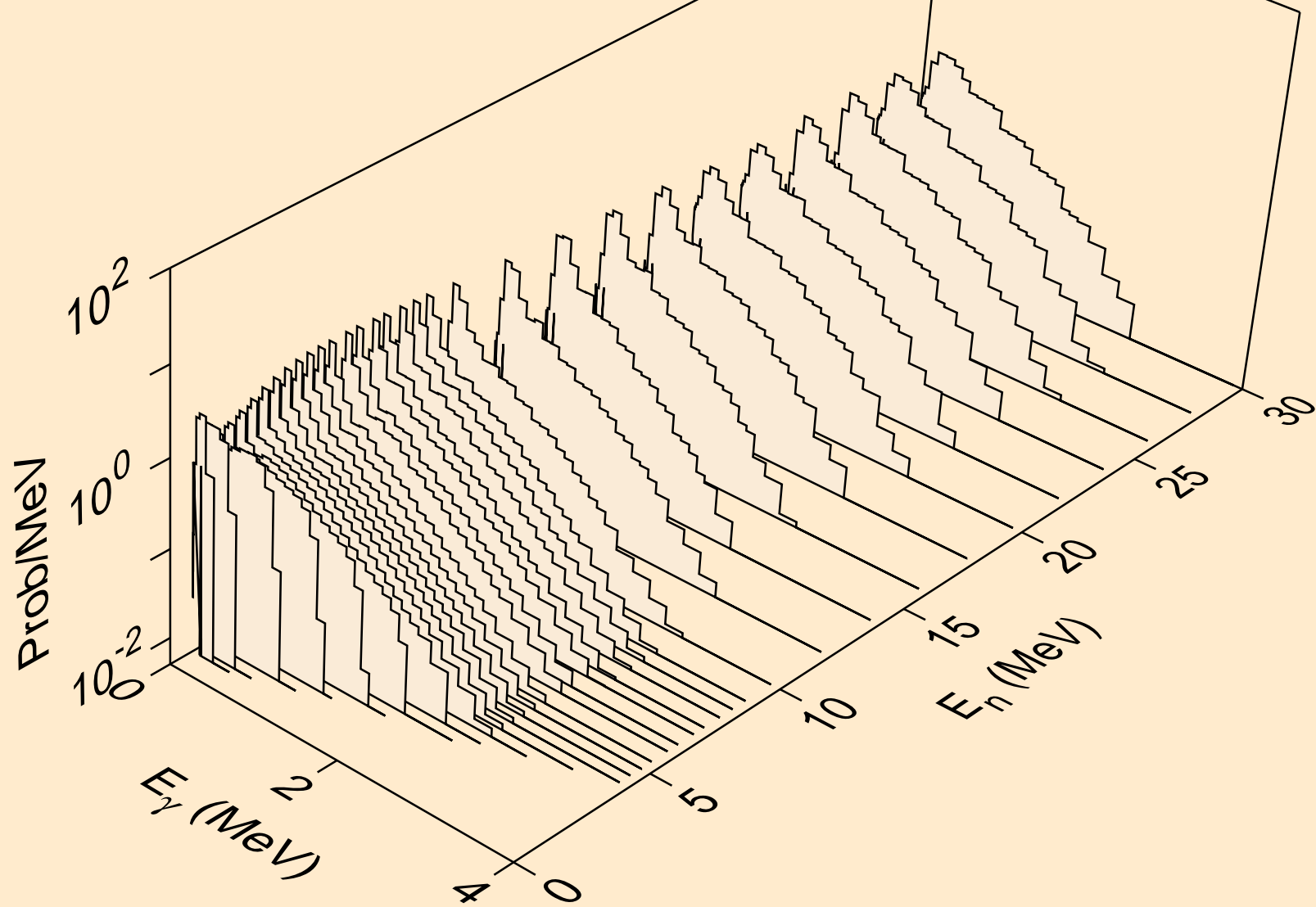
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



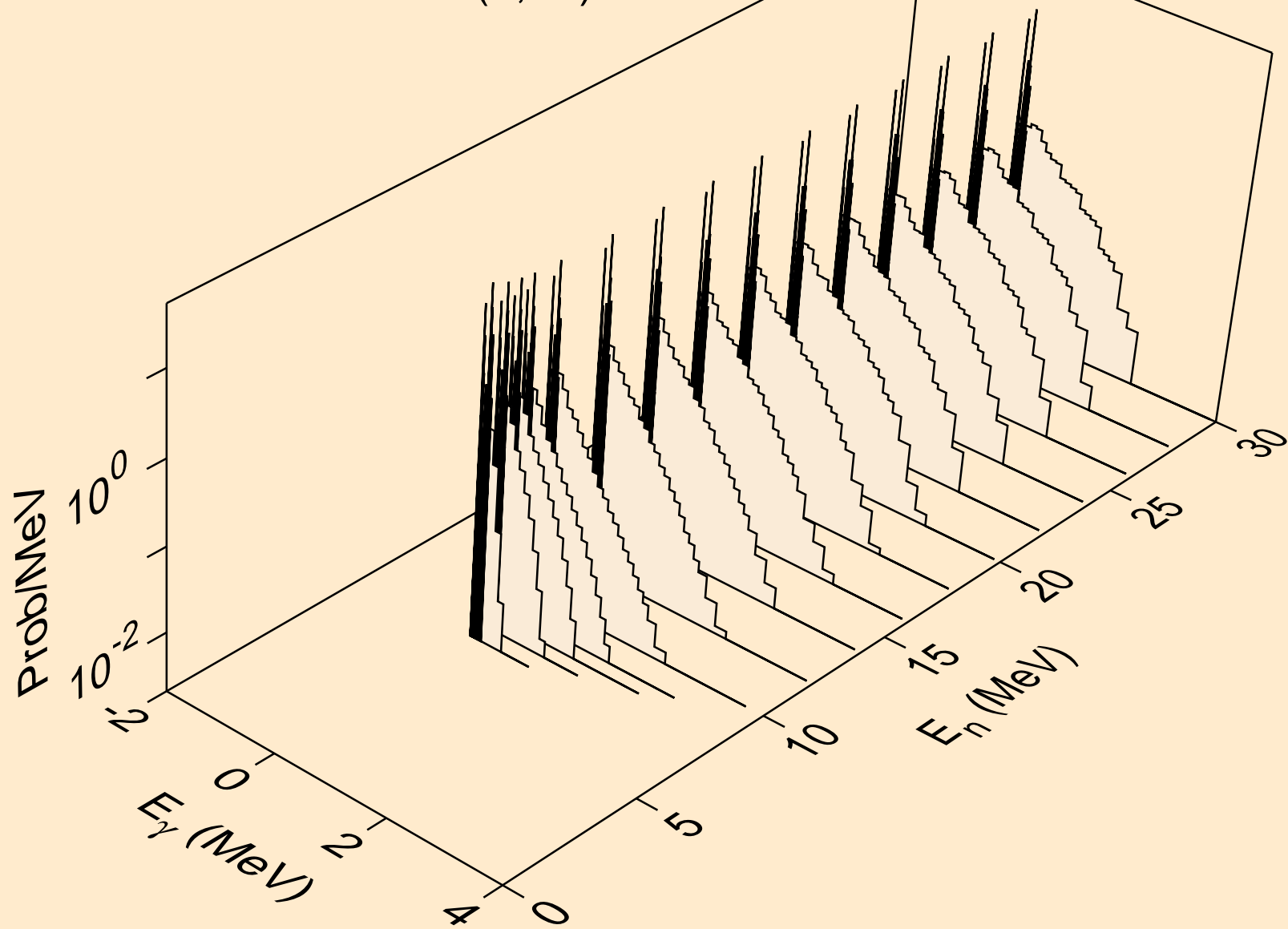
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



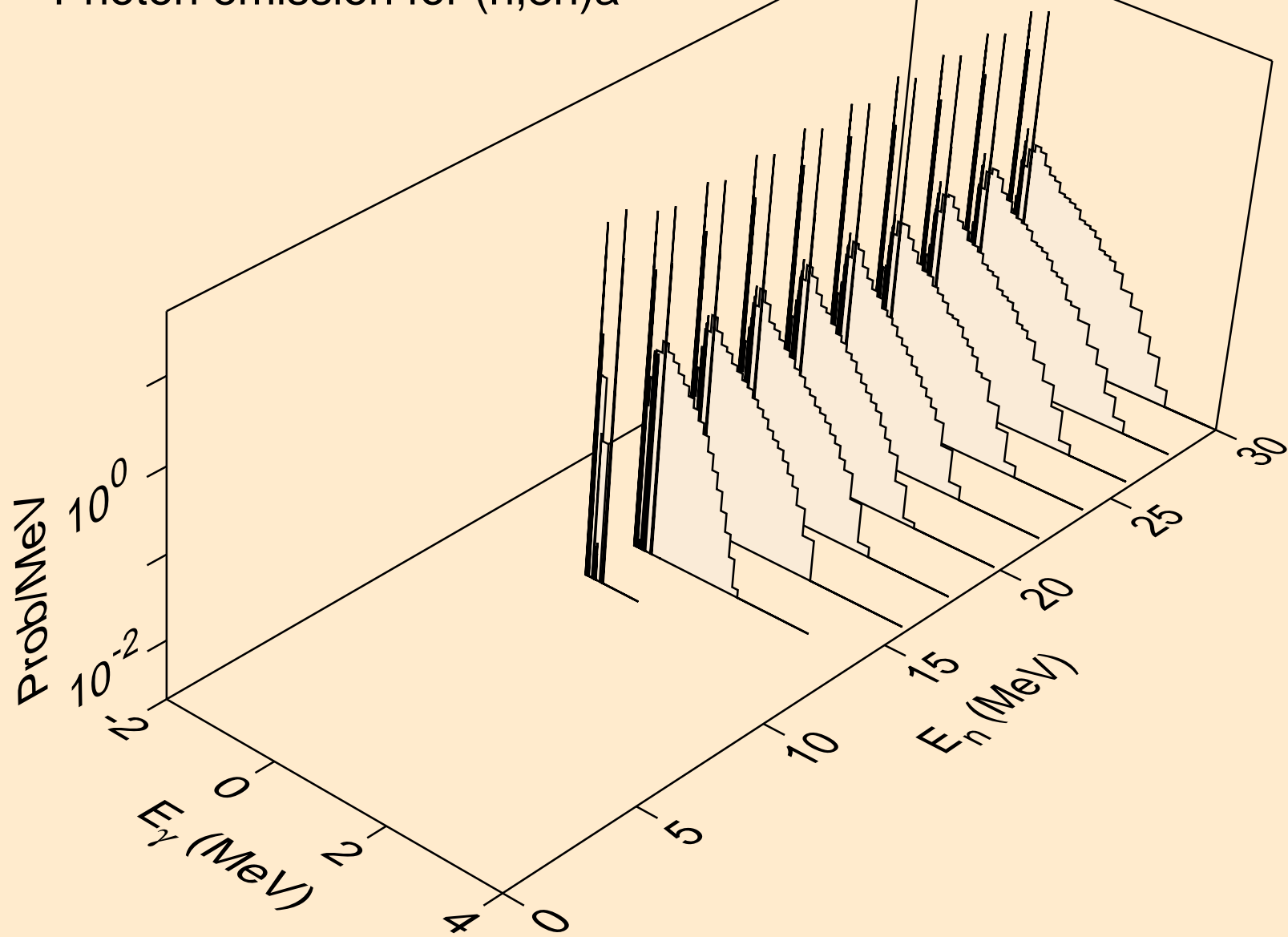
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



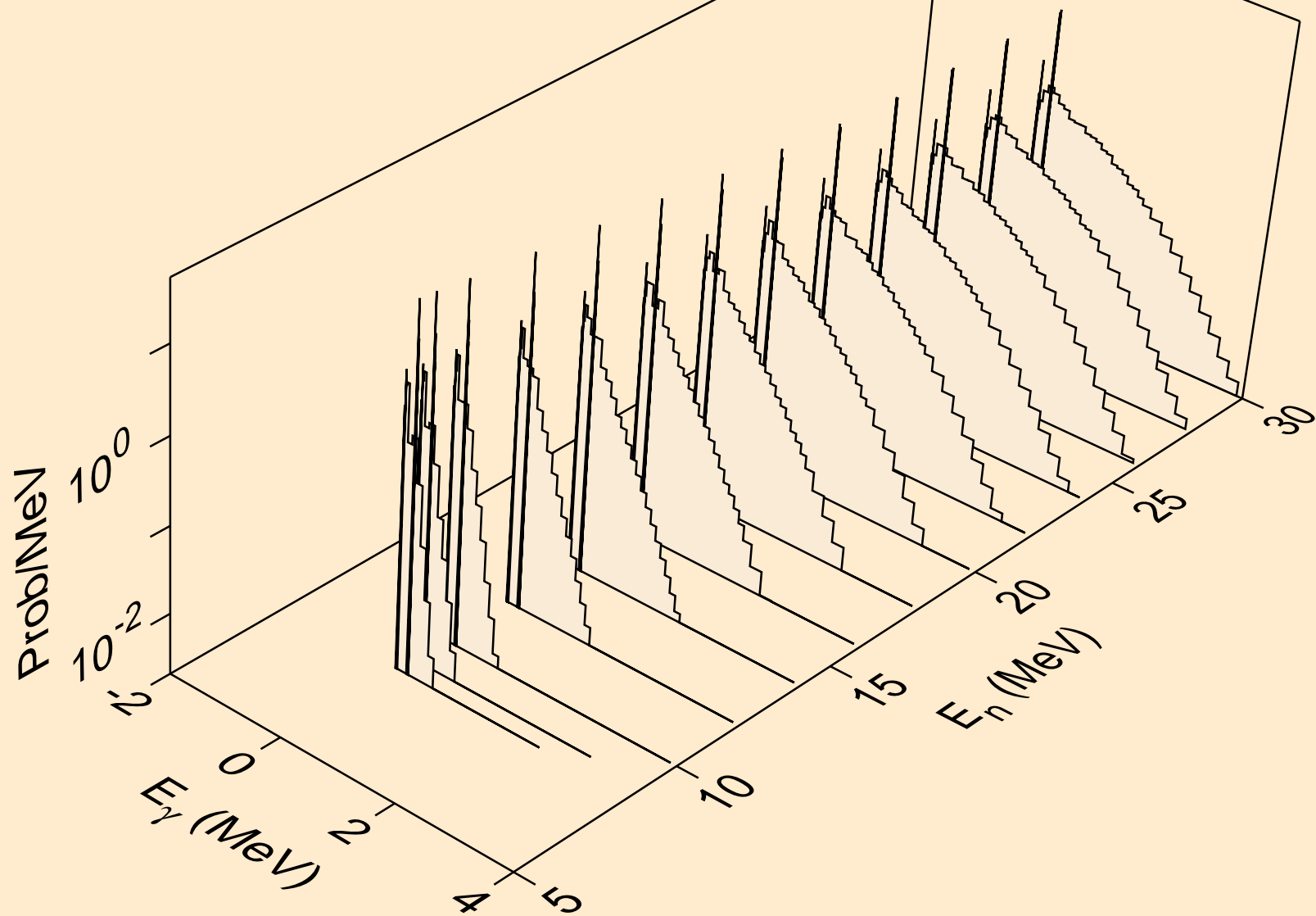
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Photon emission for (n,2n)a



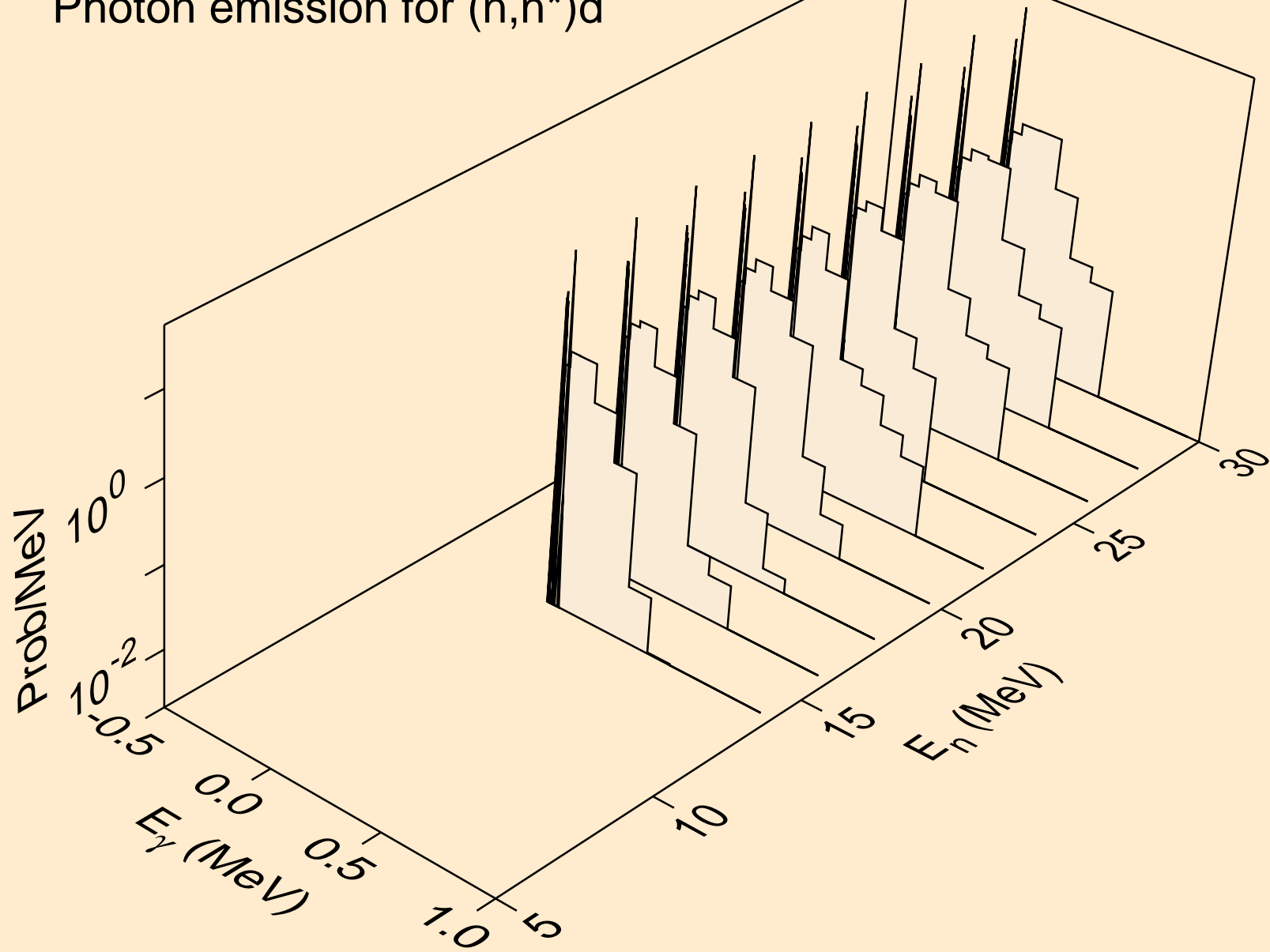
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



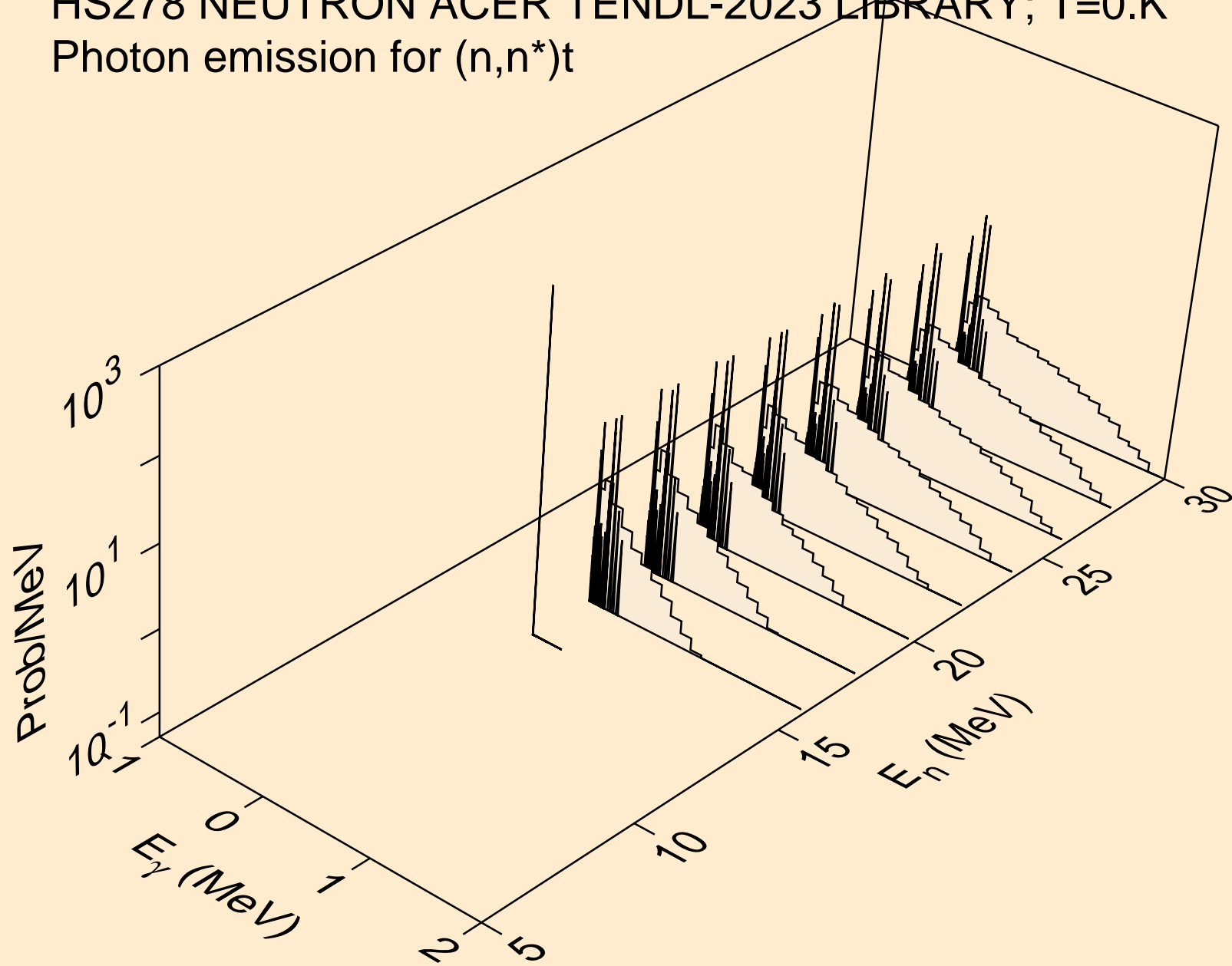
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



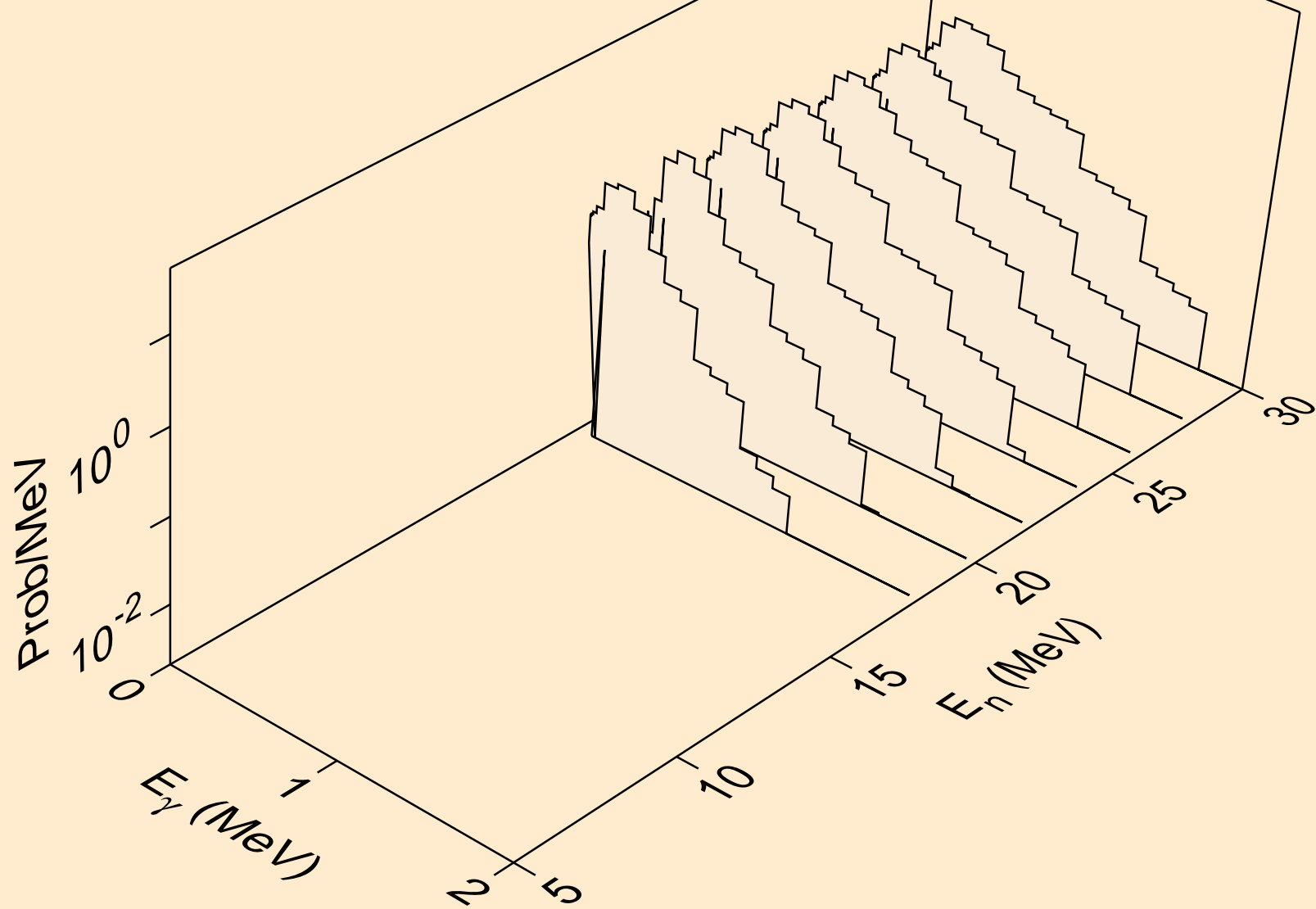
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



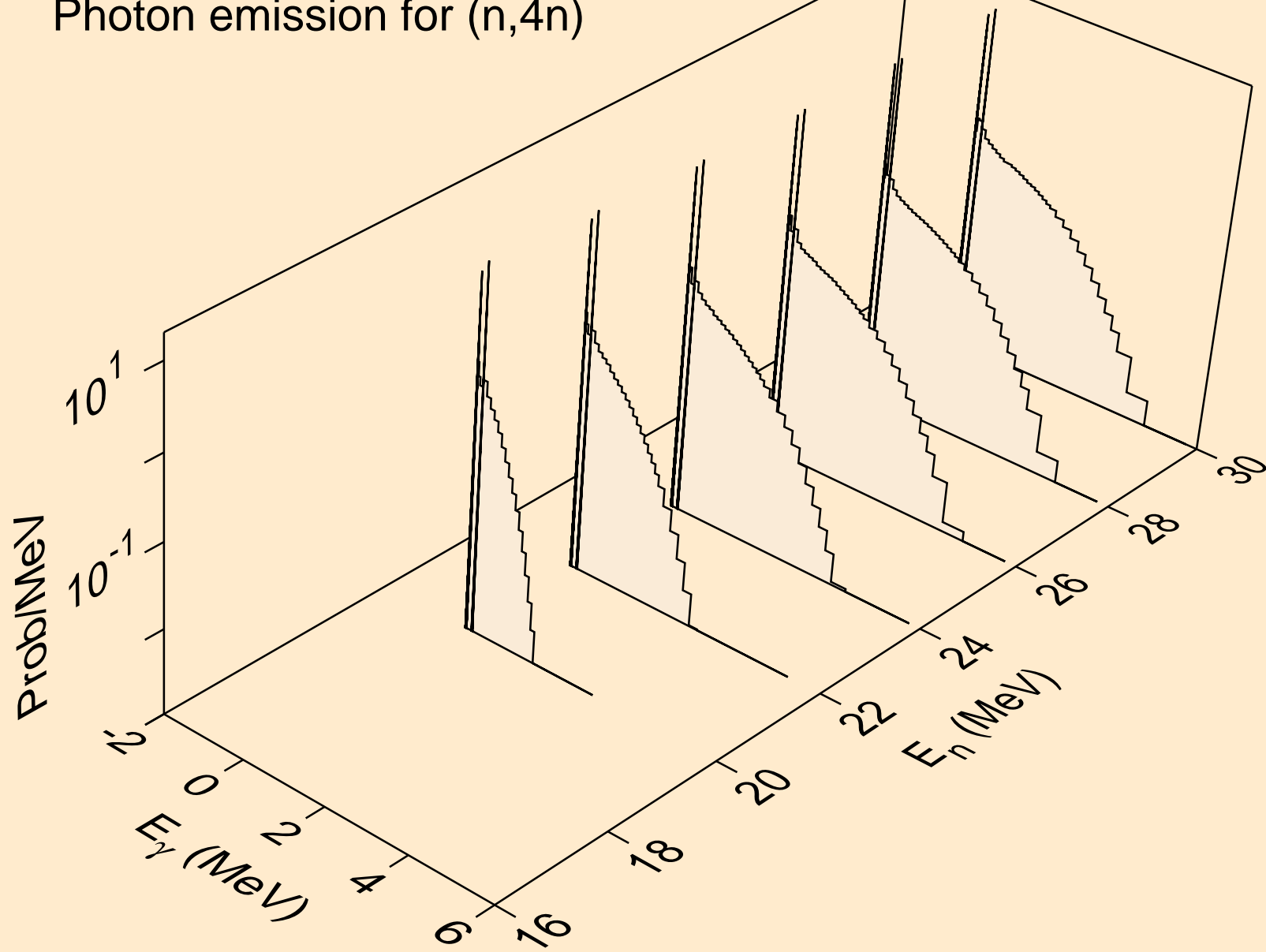
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



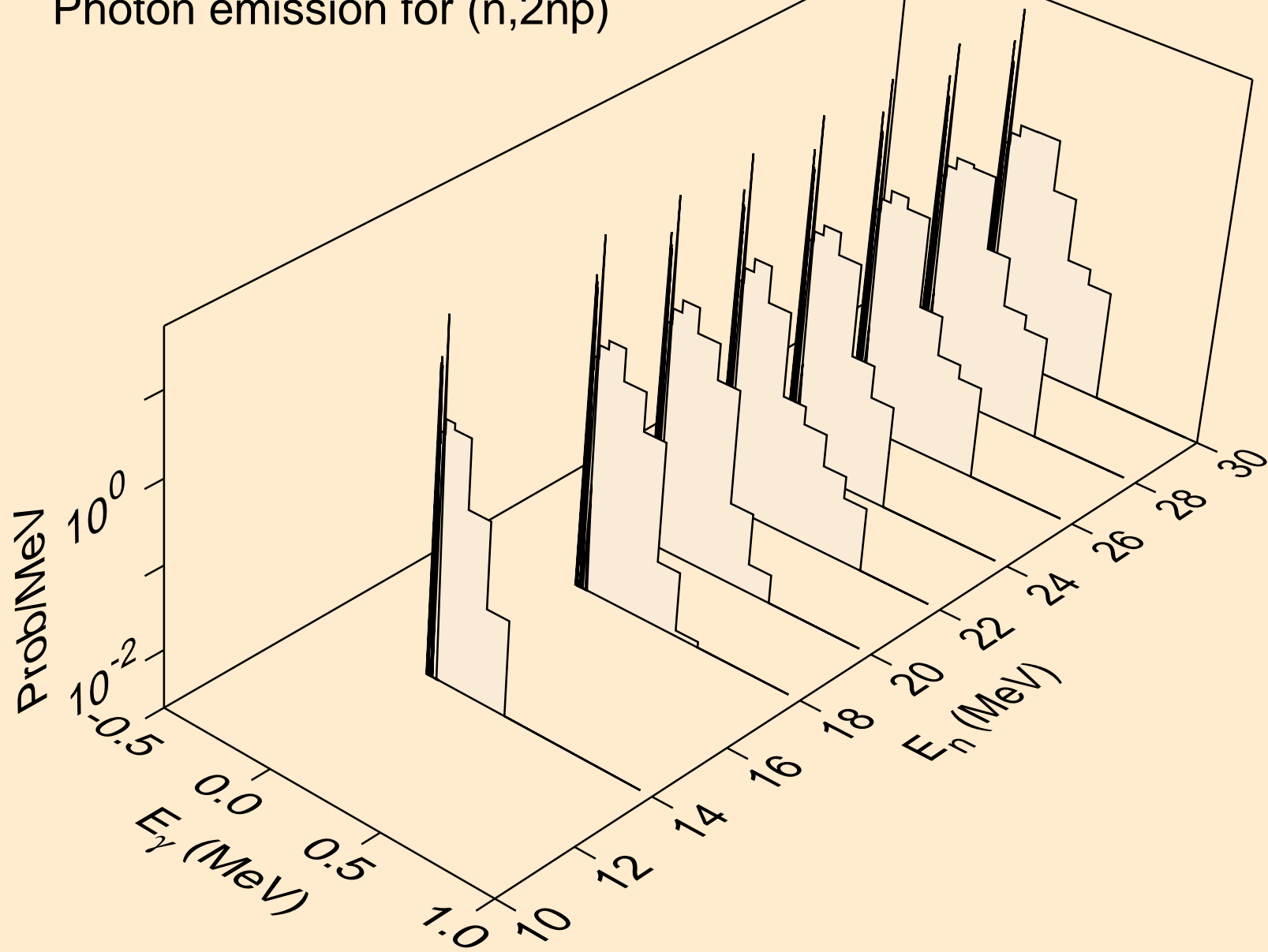
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



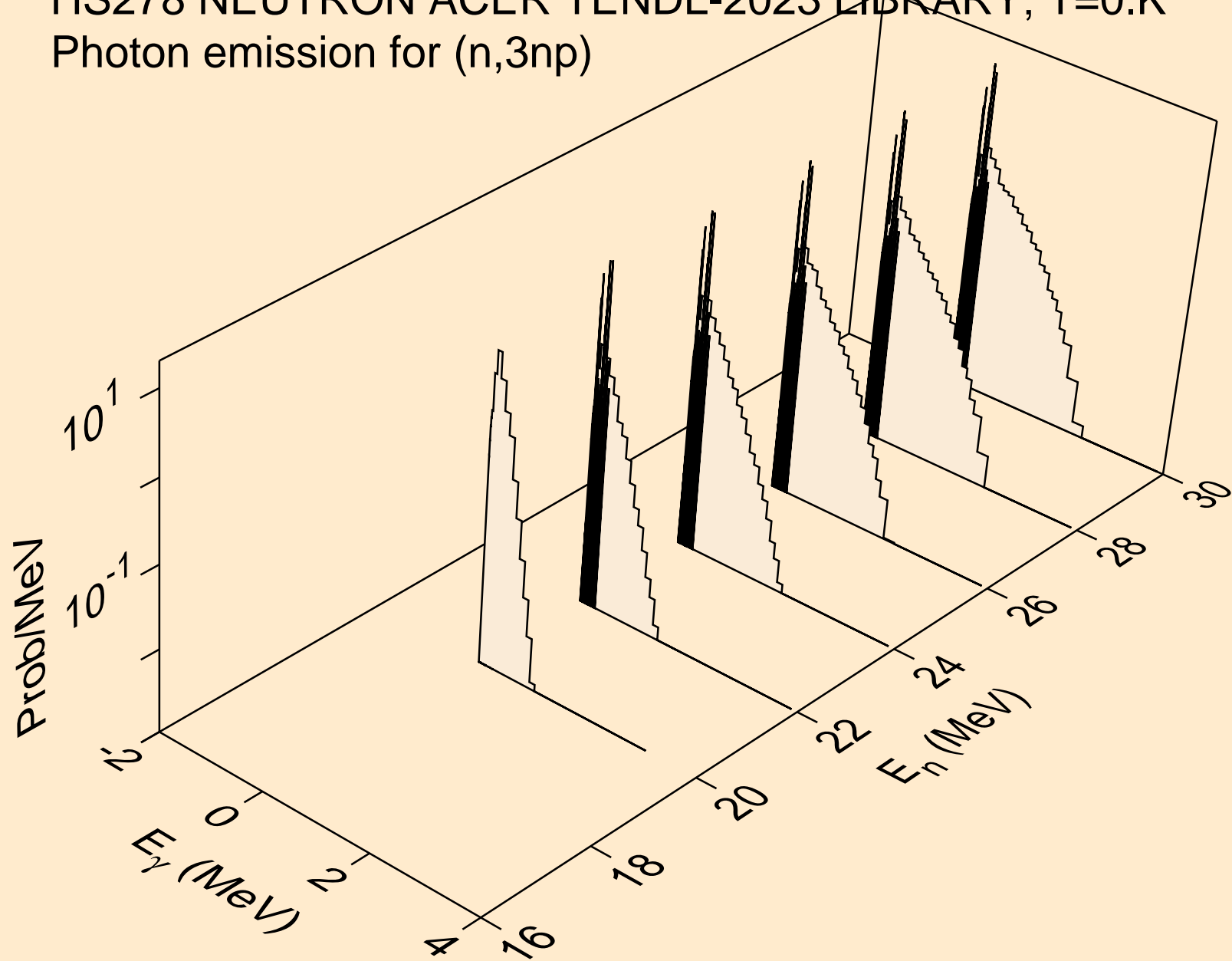
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



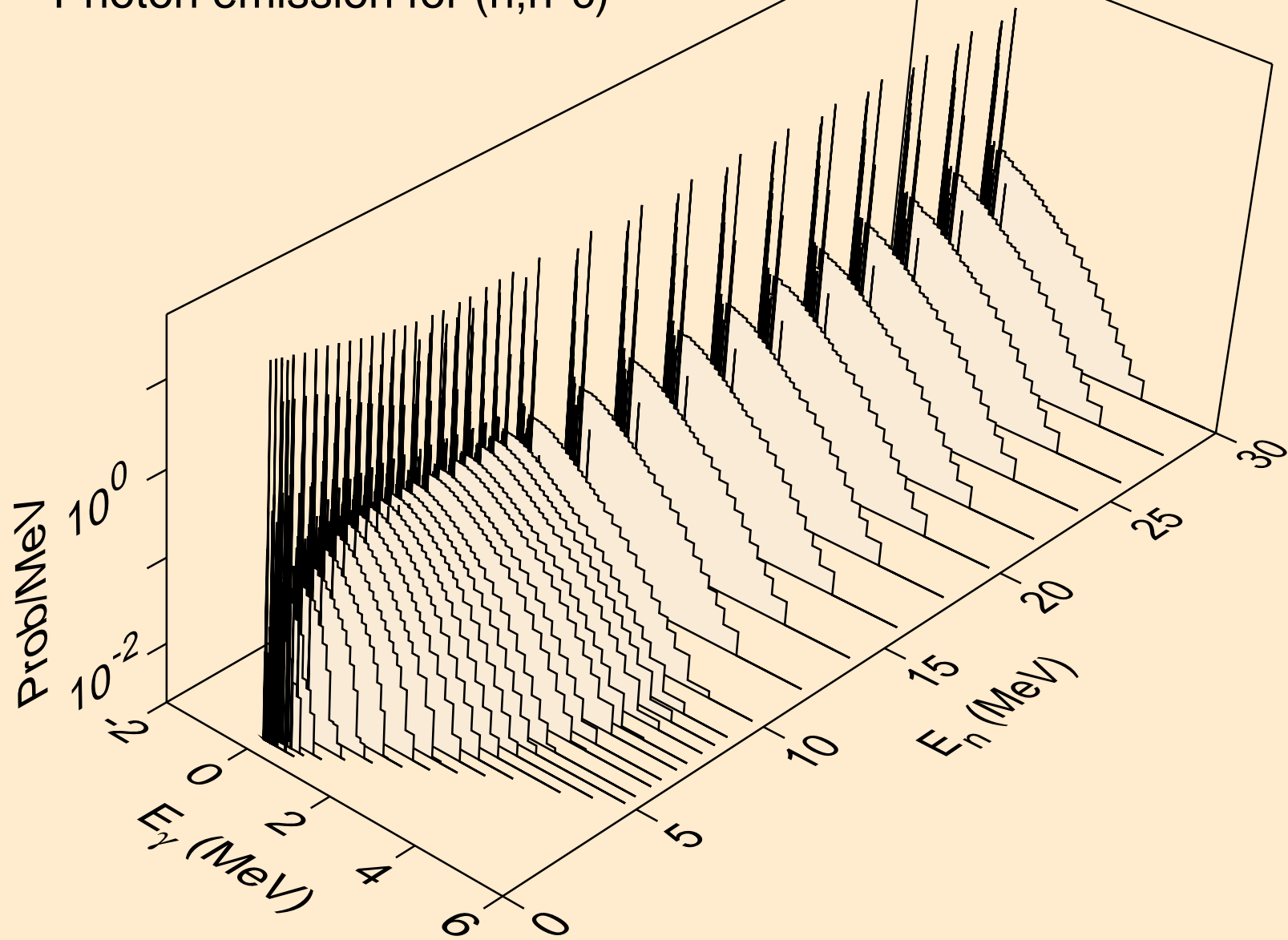
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



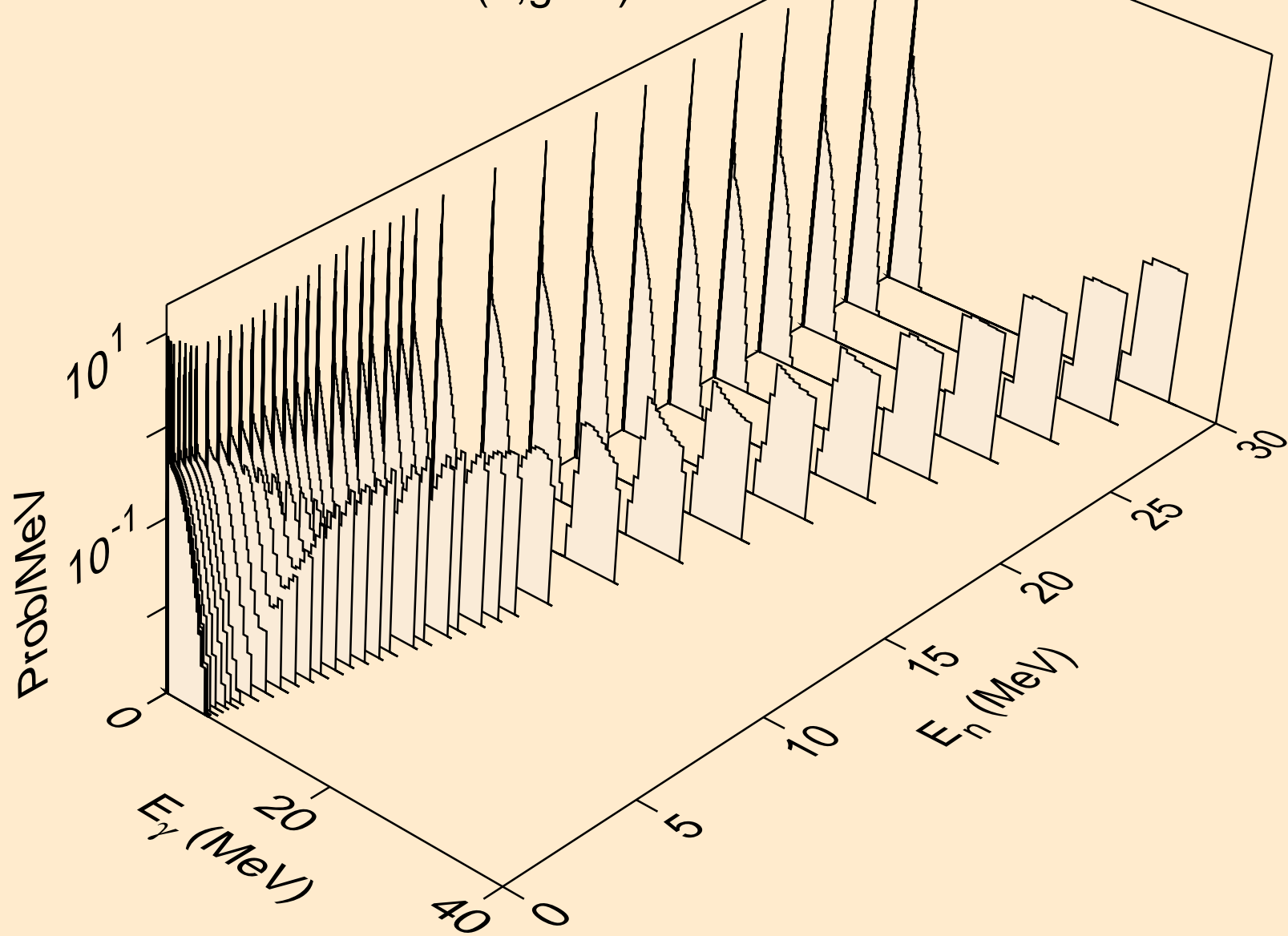
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



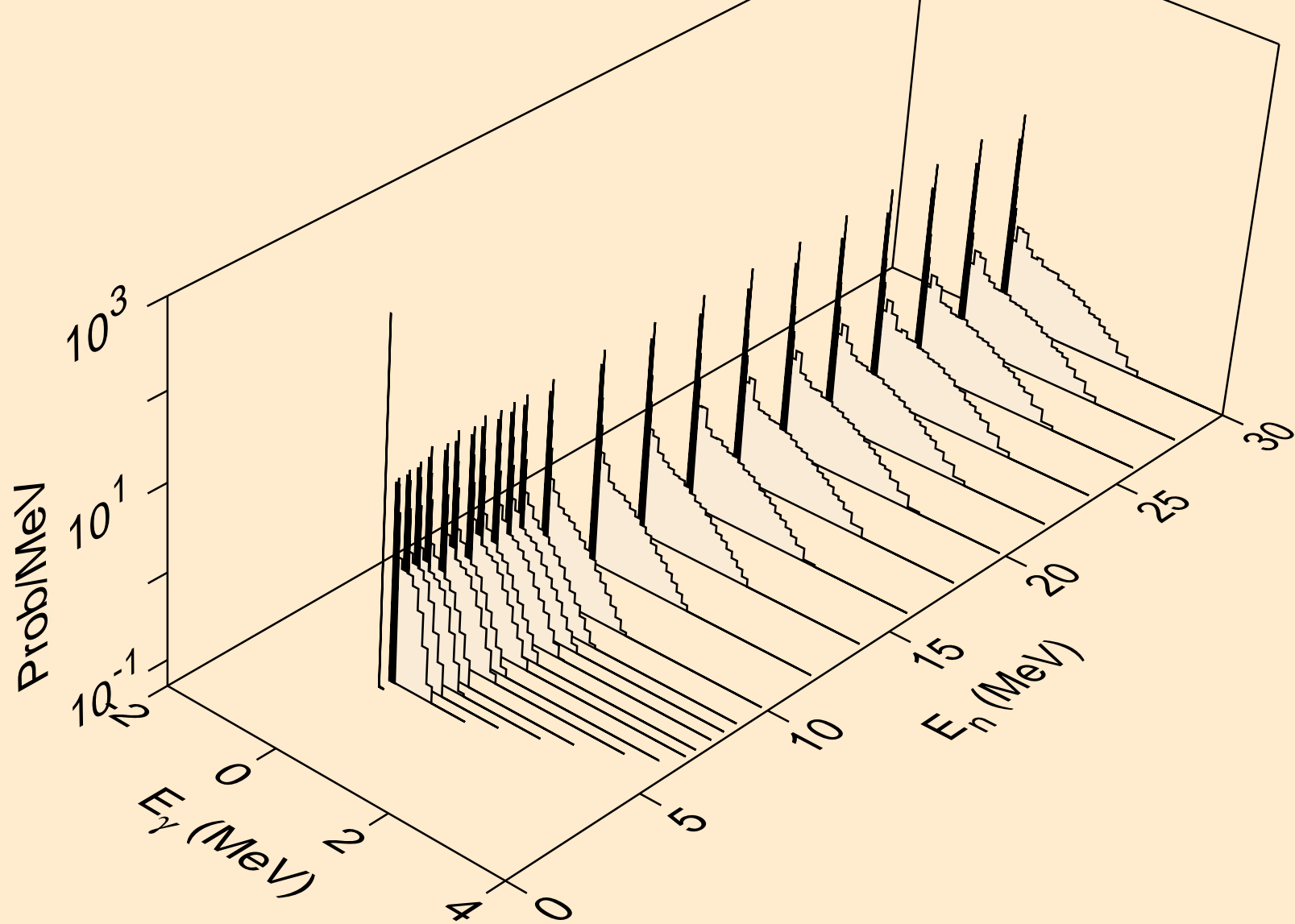
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Photon emission for (n,n*c)



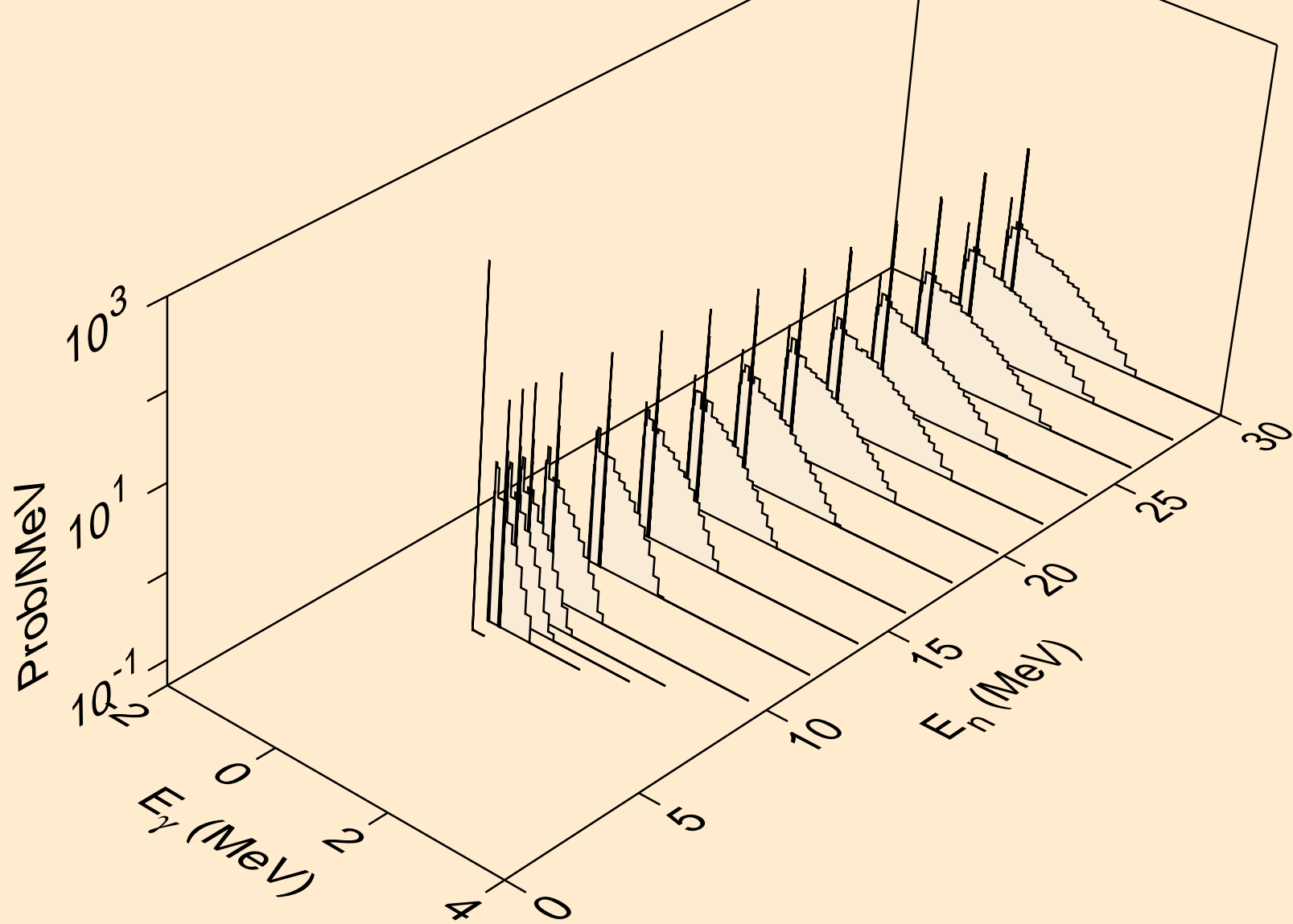
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



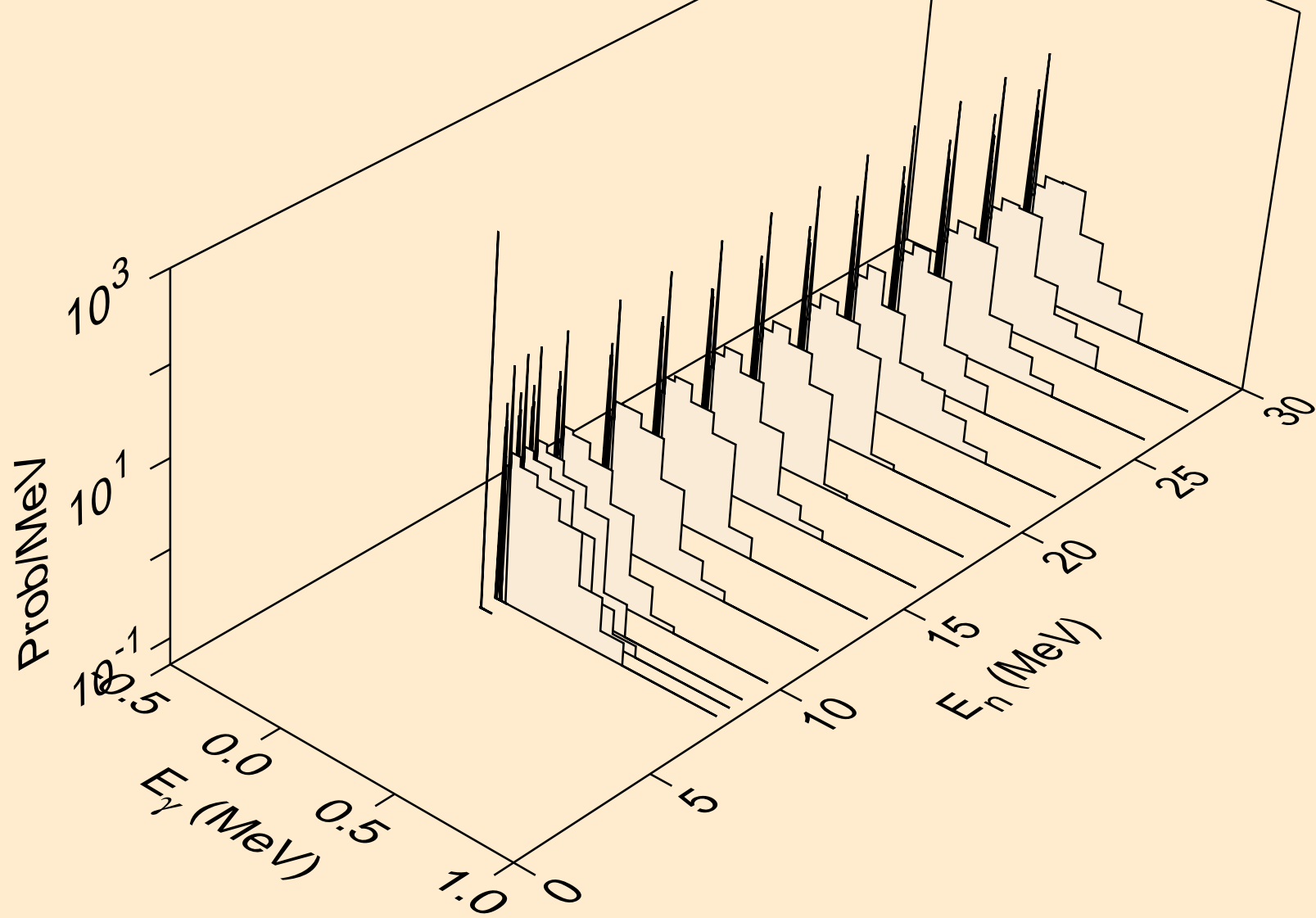
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



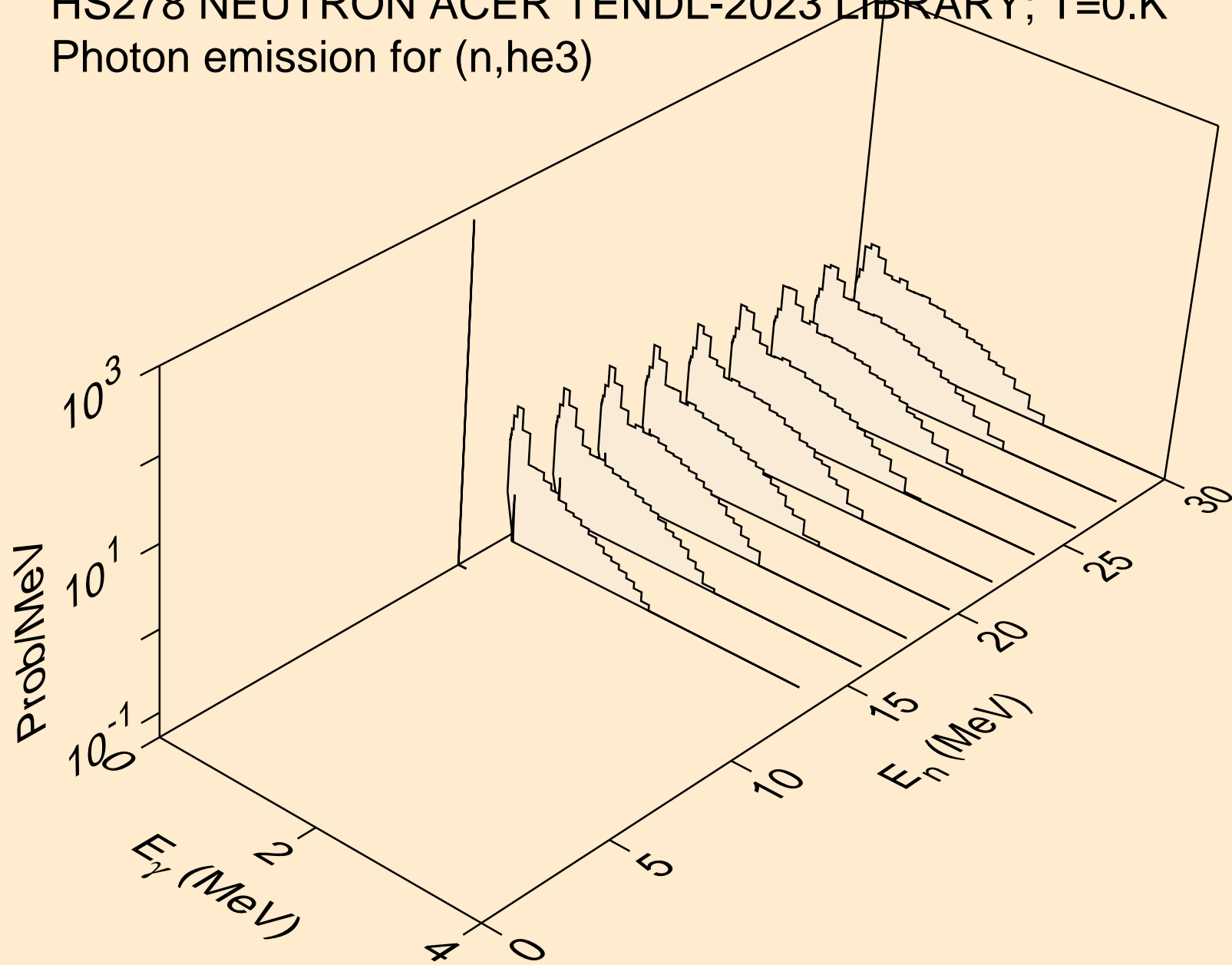
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



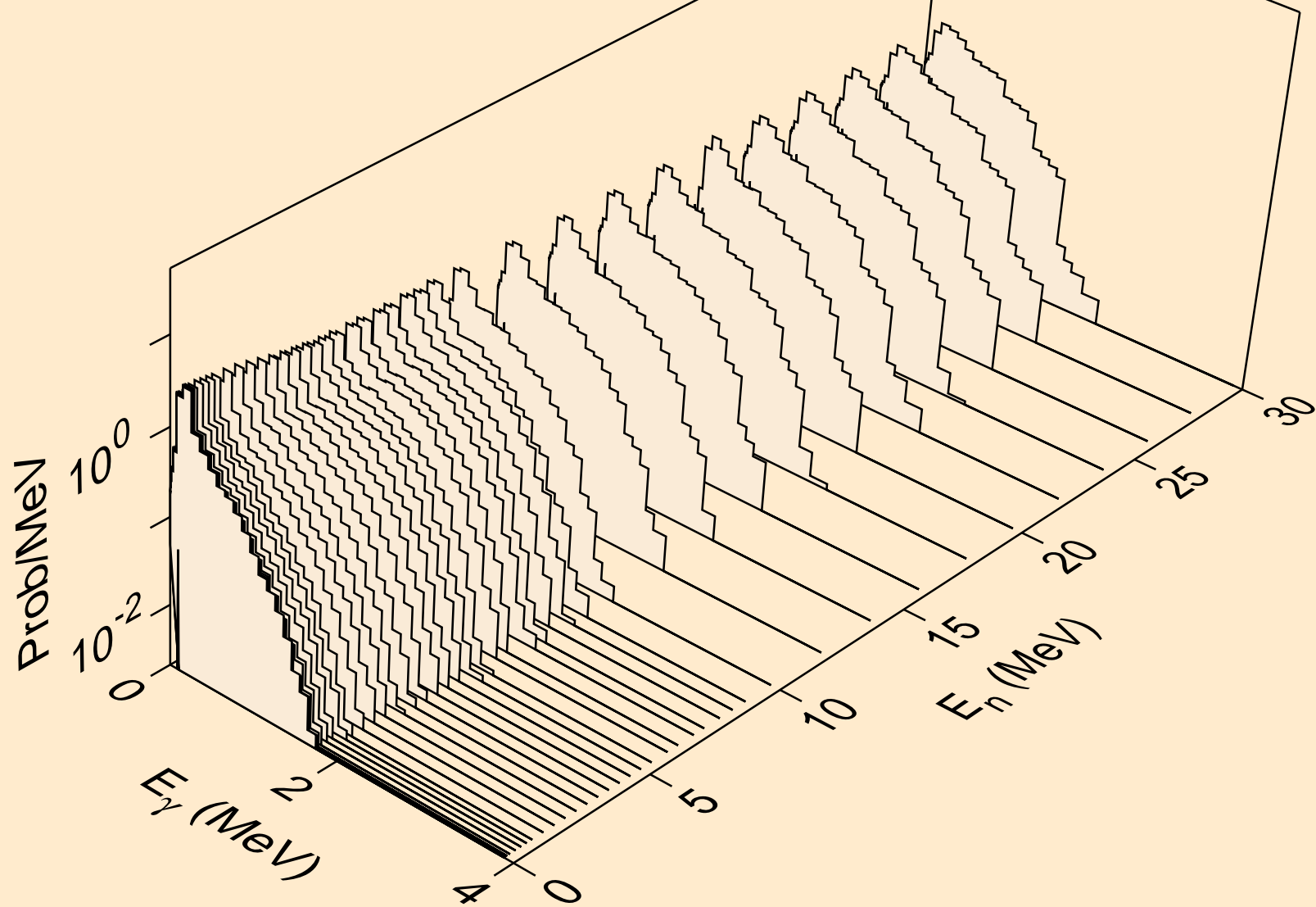
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



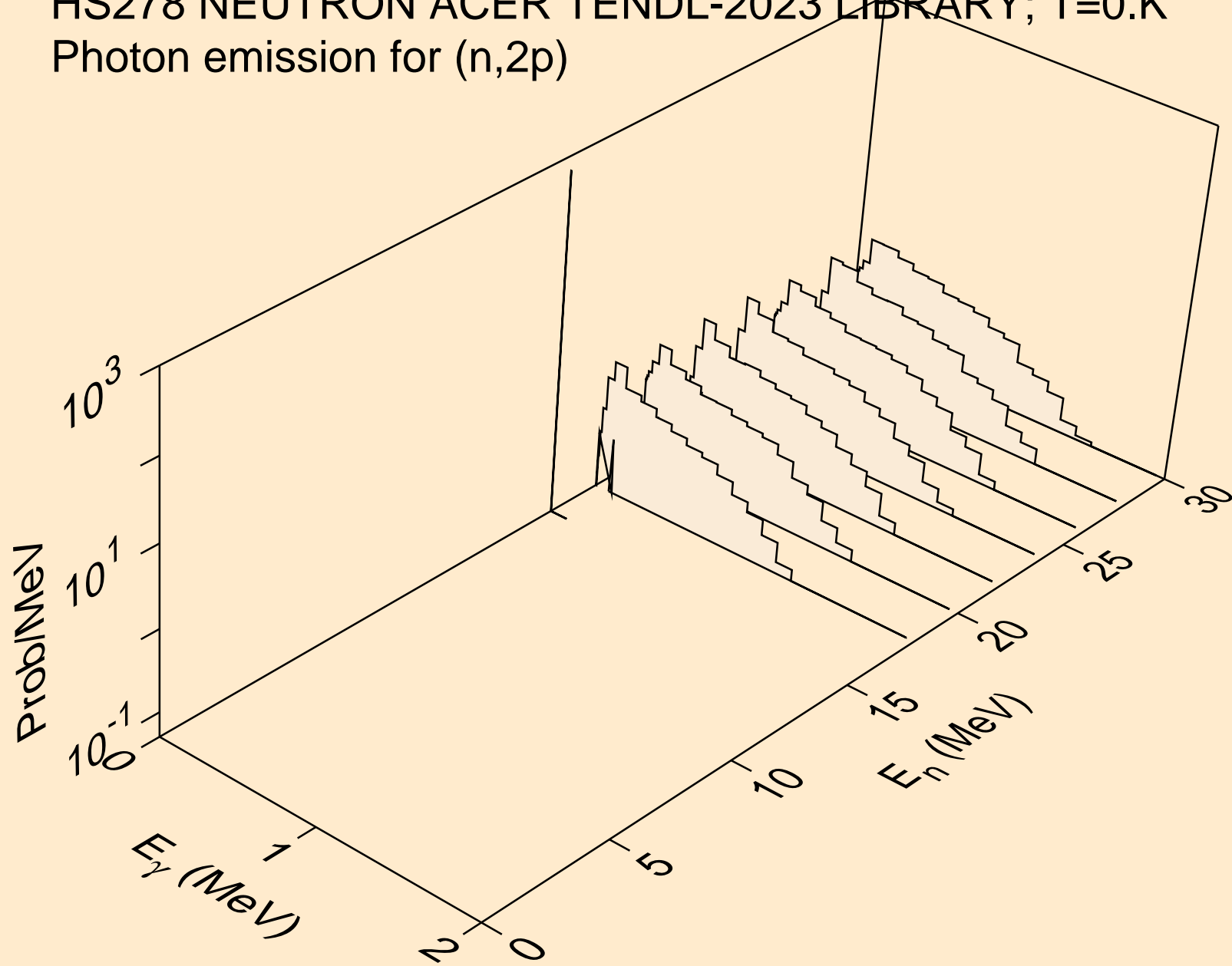
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



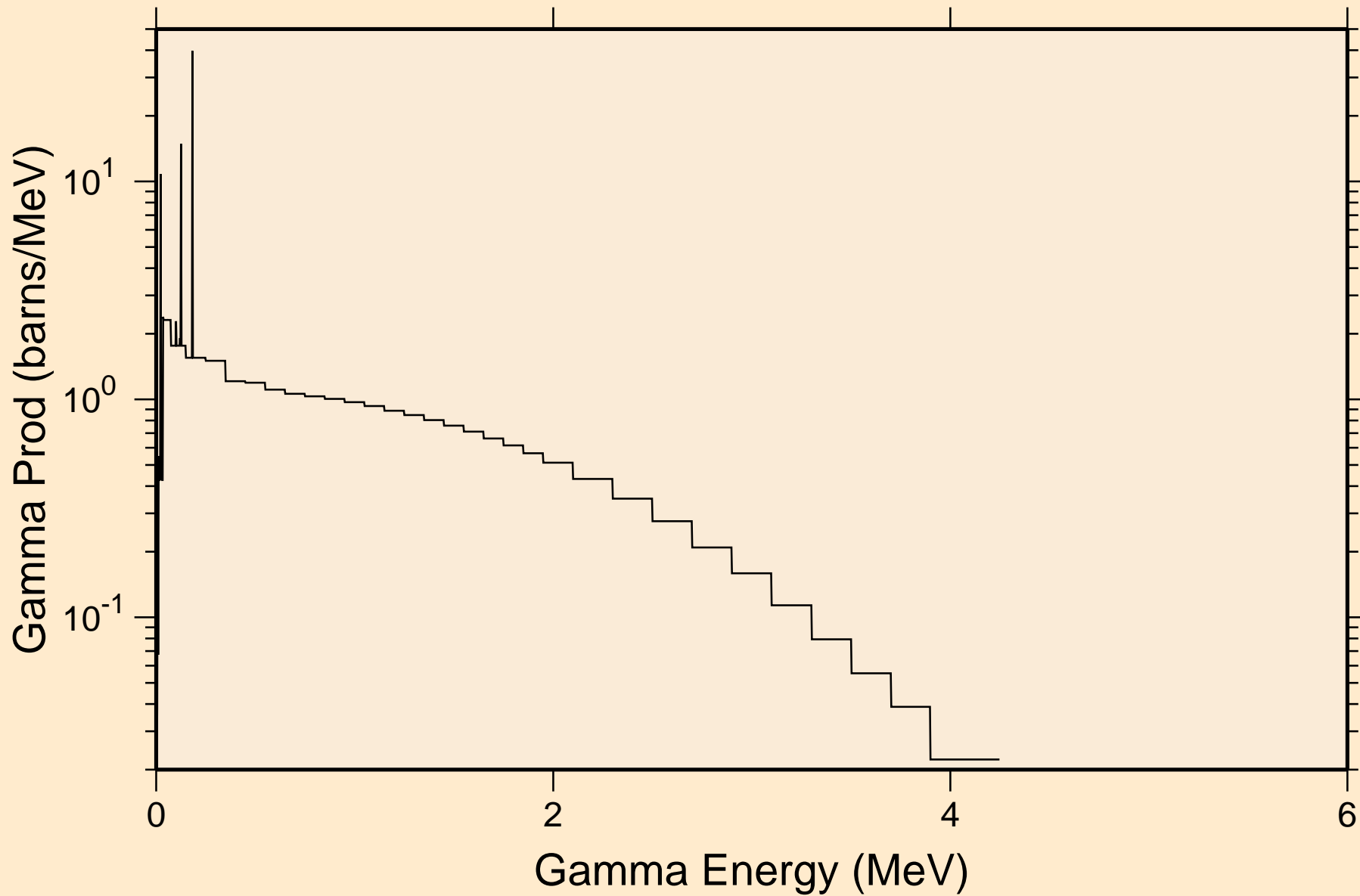
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



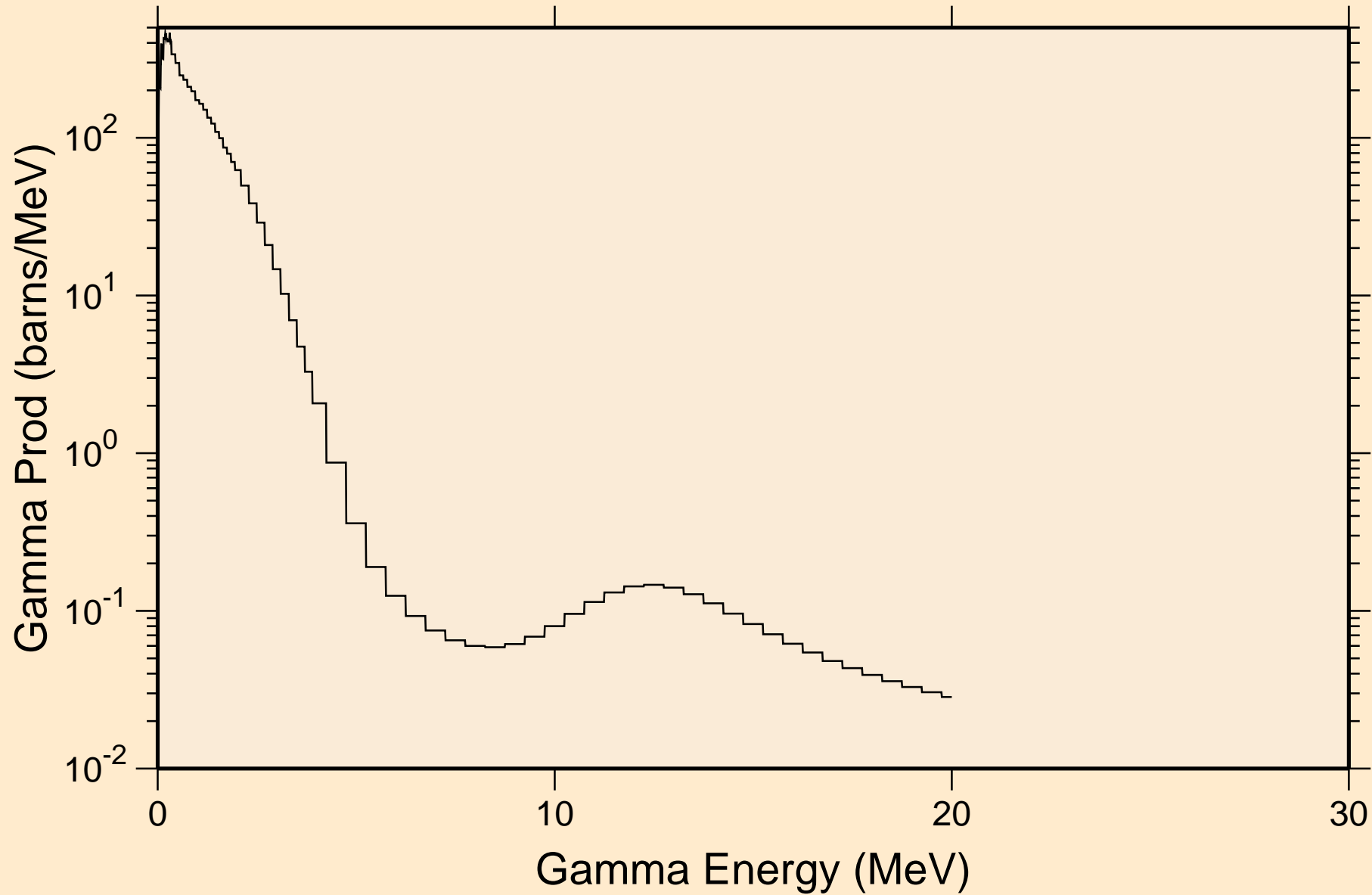
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

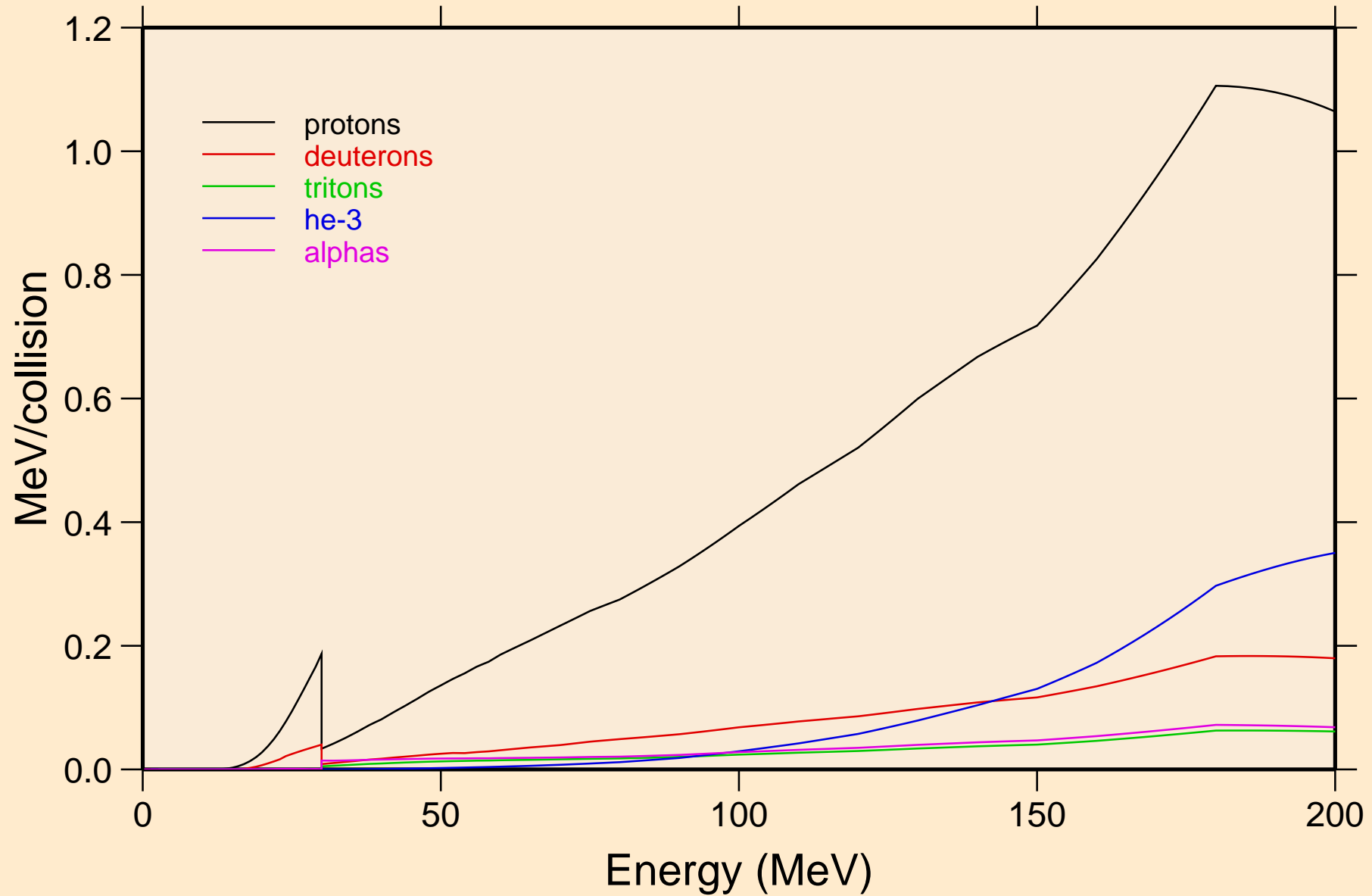


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

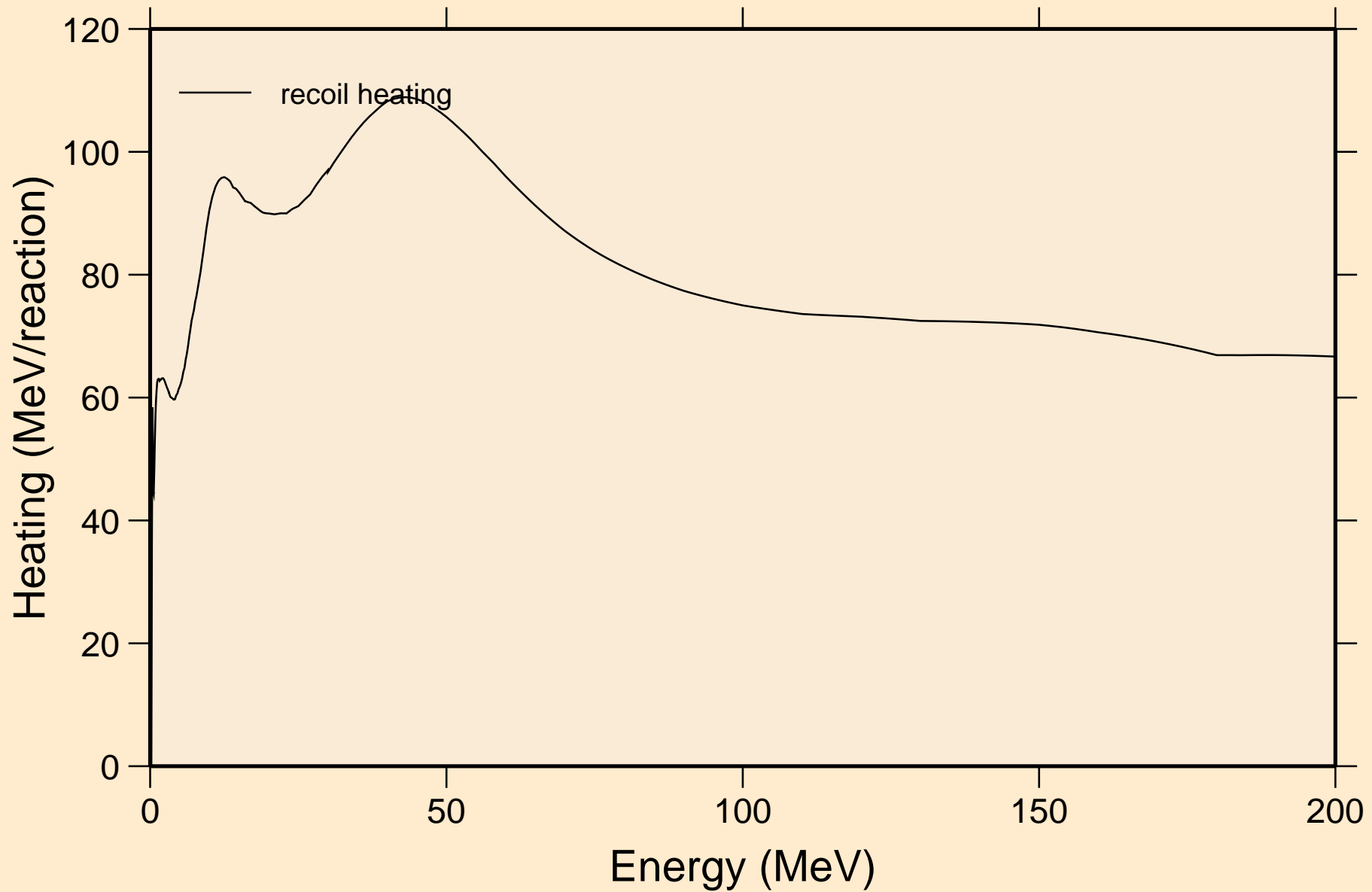


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

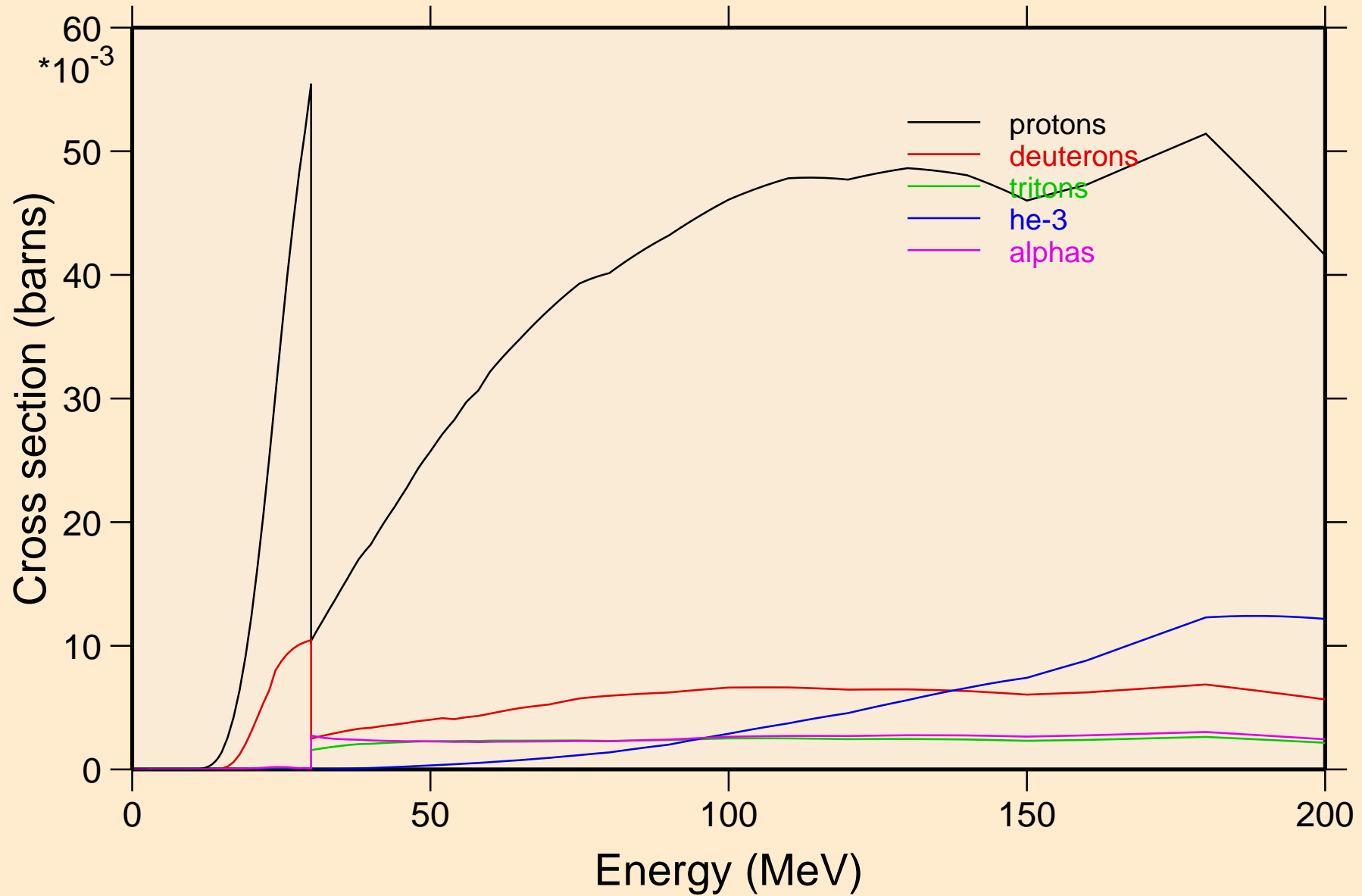


HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

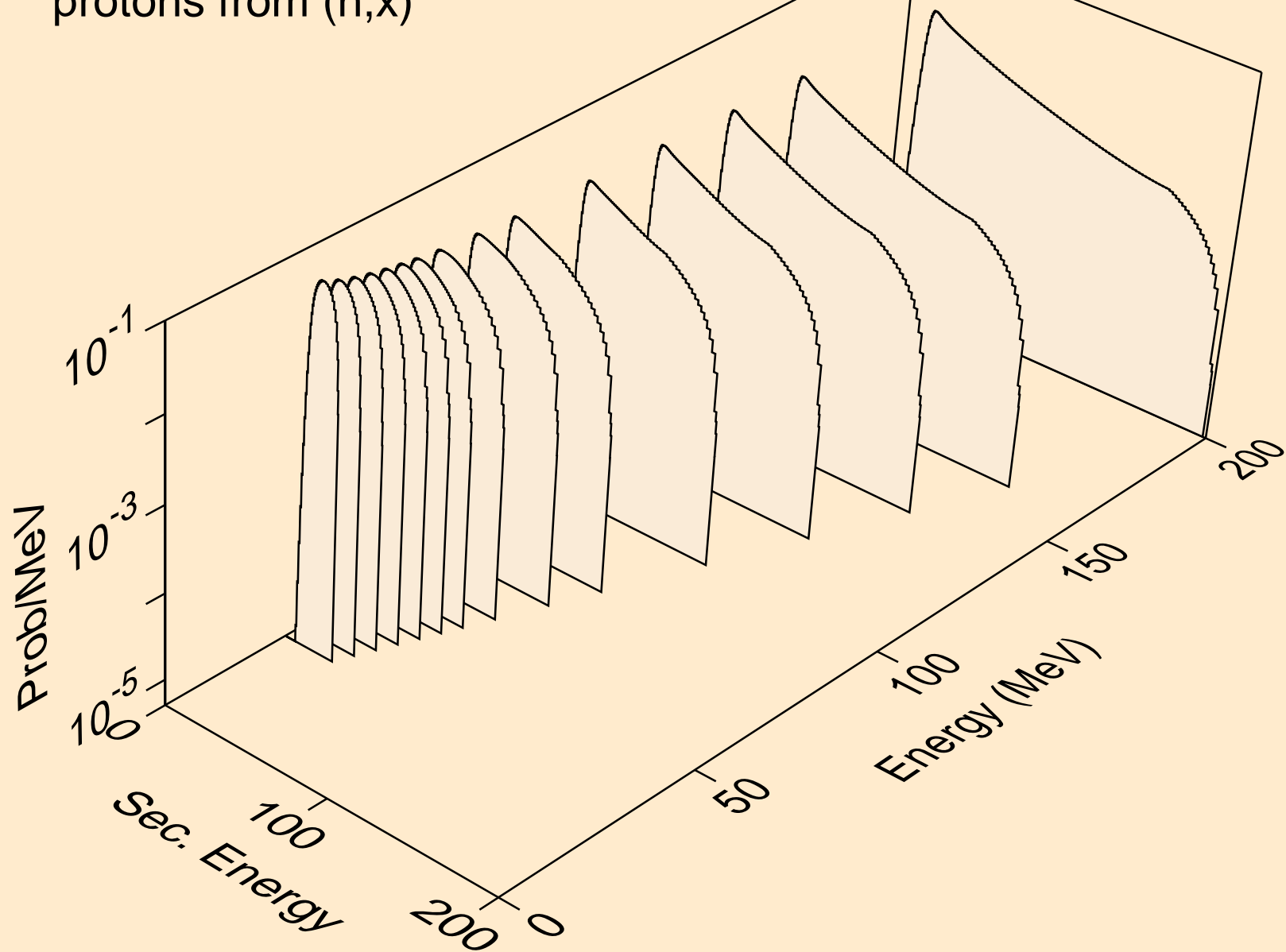


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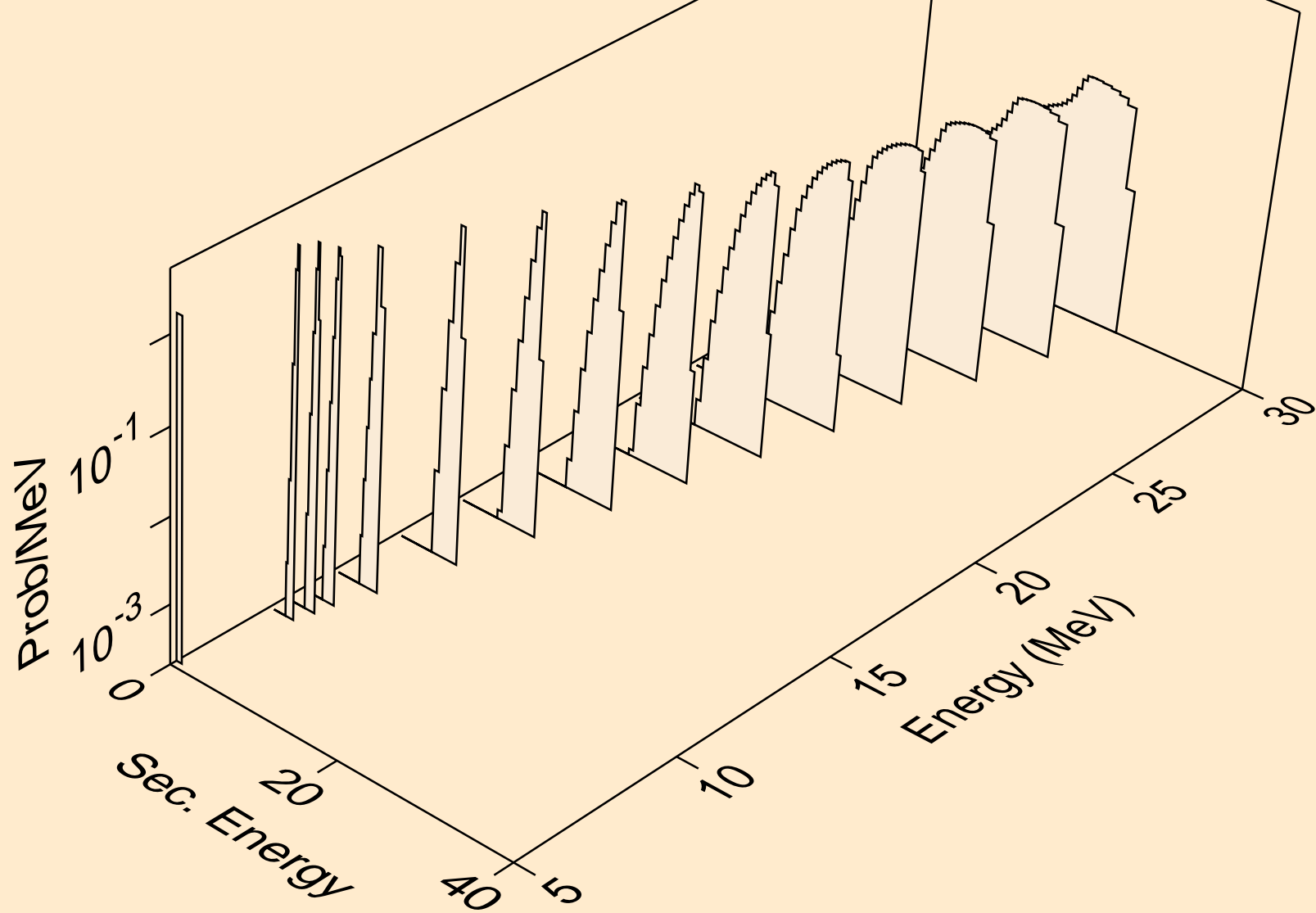
Particle production cross sections



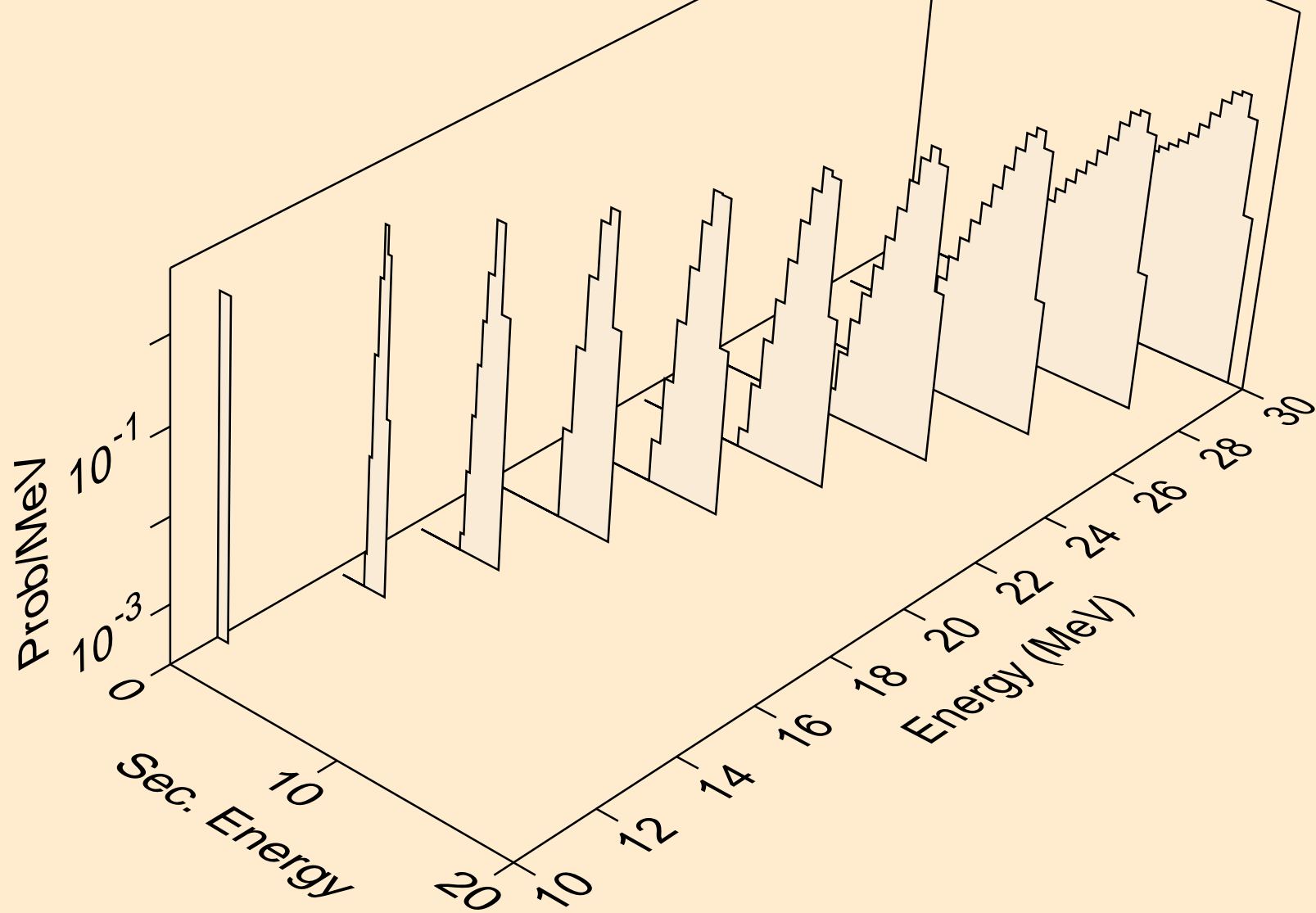
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



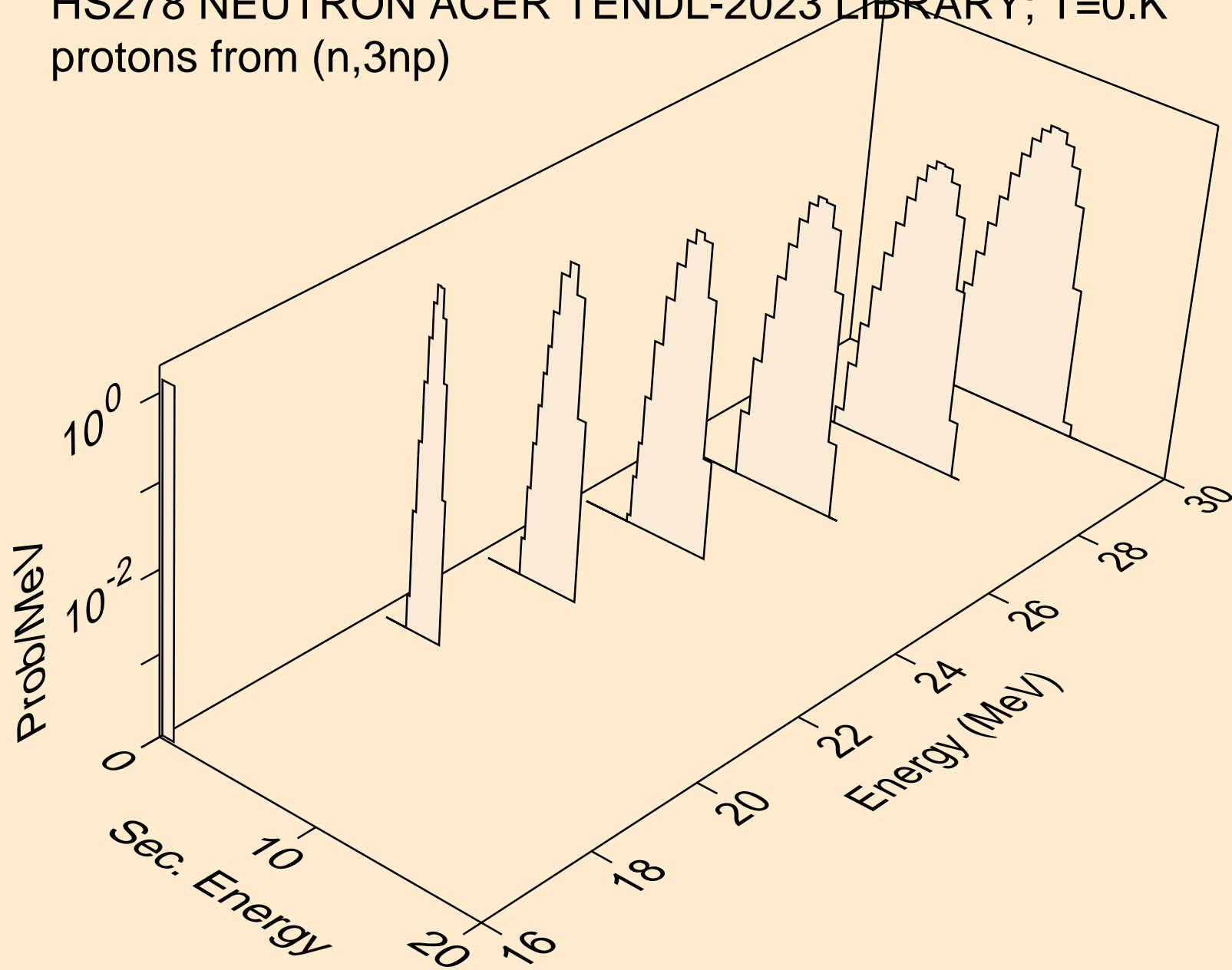
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



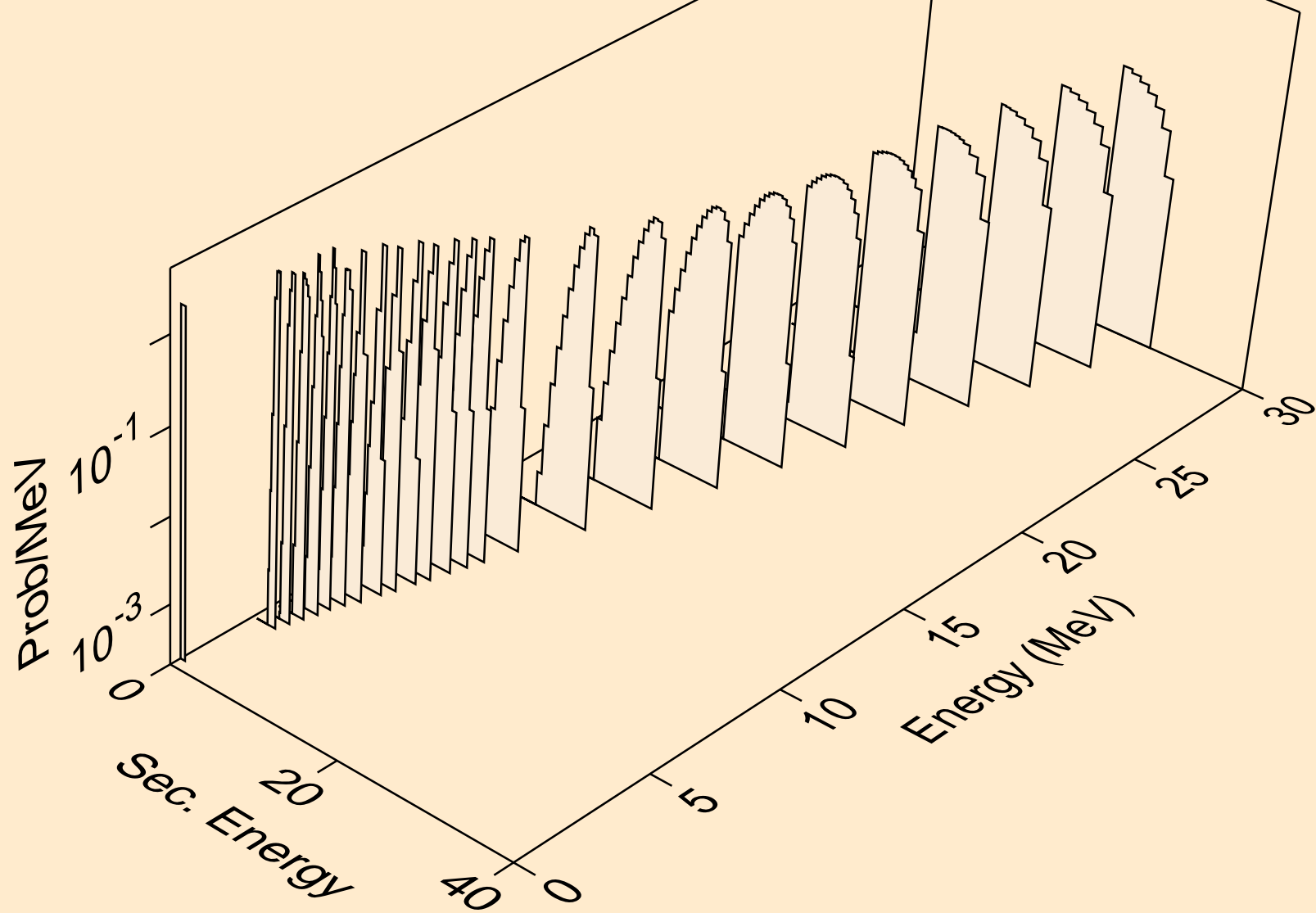
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protons from (n,2np)



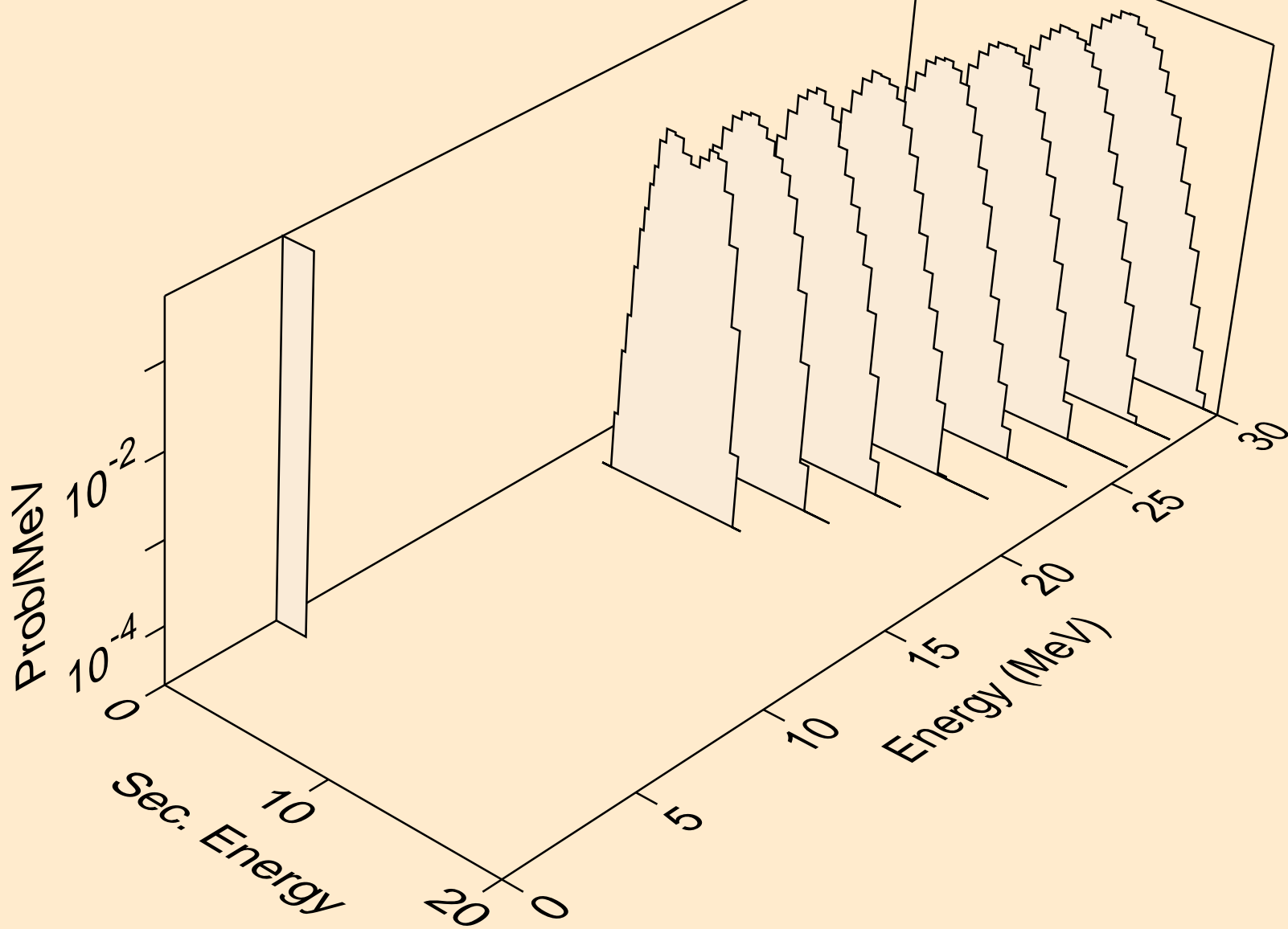
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protons from (n,3np)



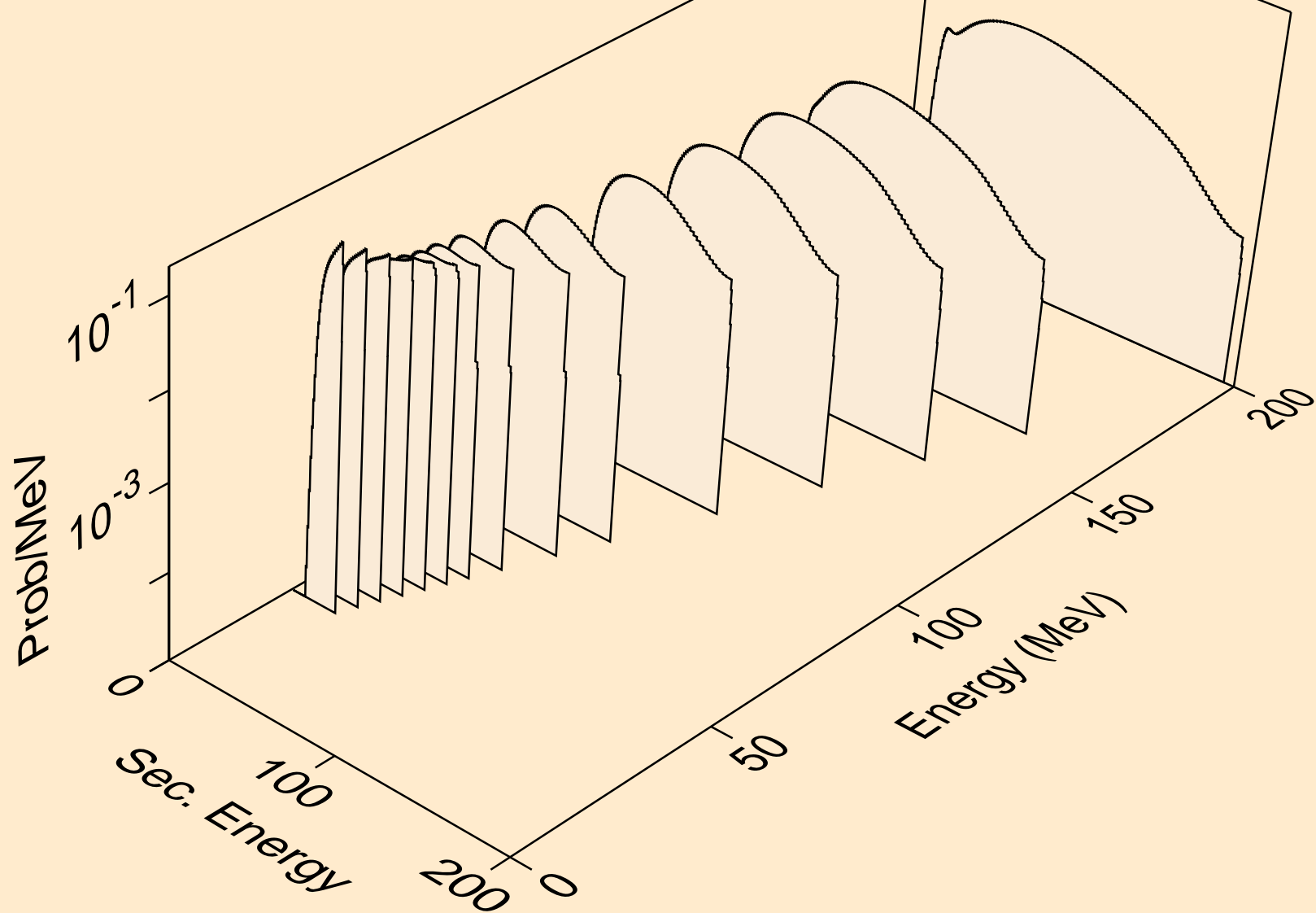
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protons from (n,p)



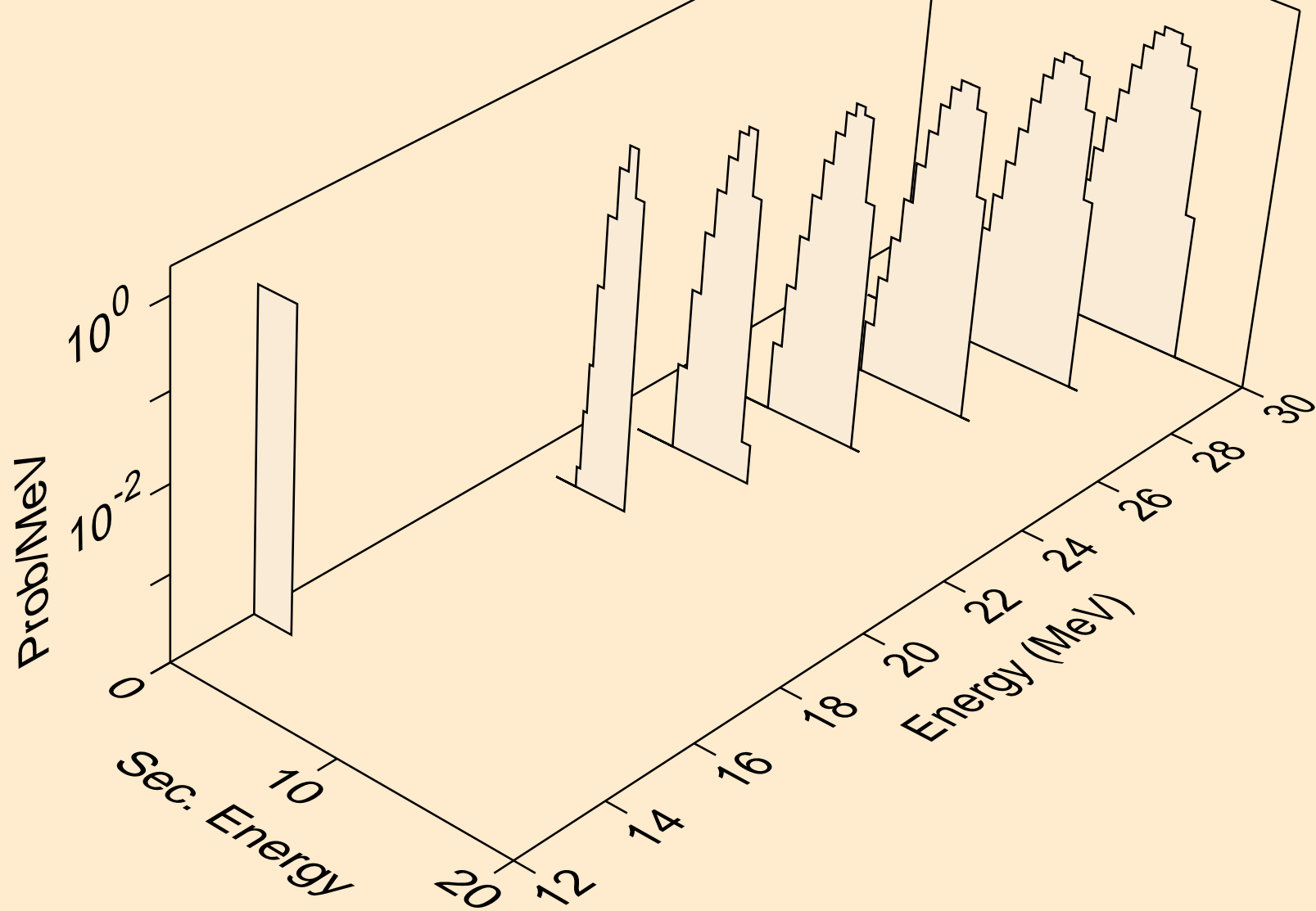
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protons from (n,2p)



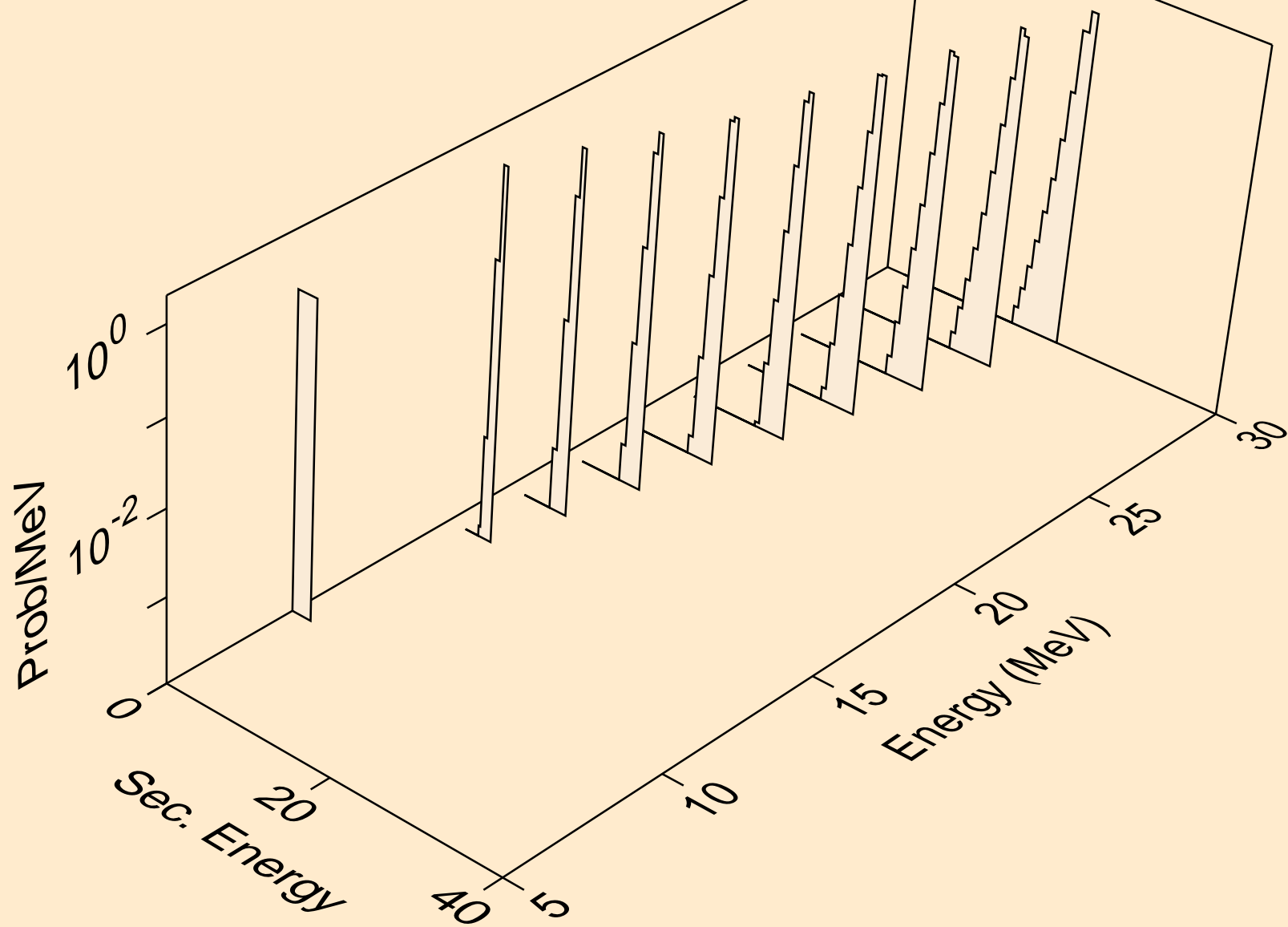
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deuterons from (n,x)



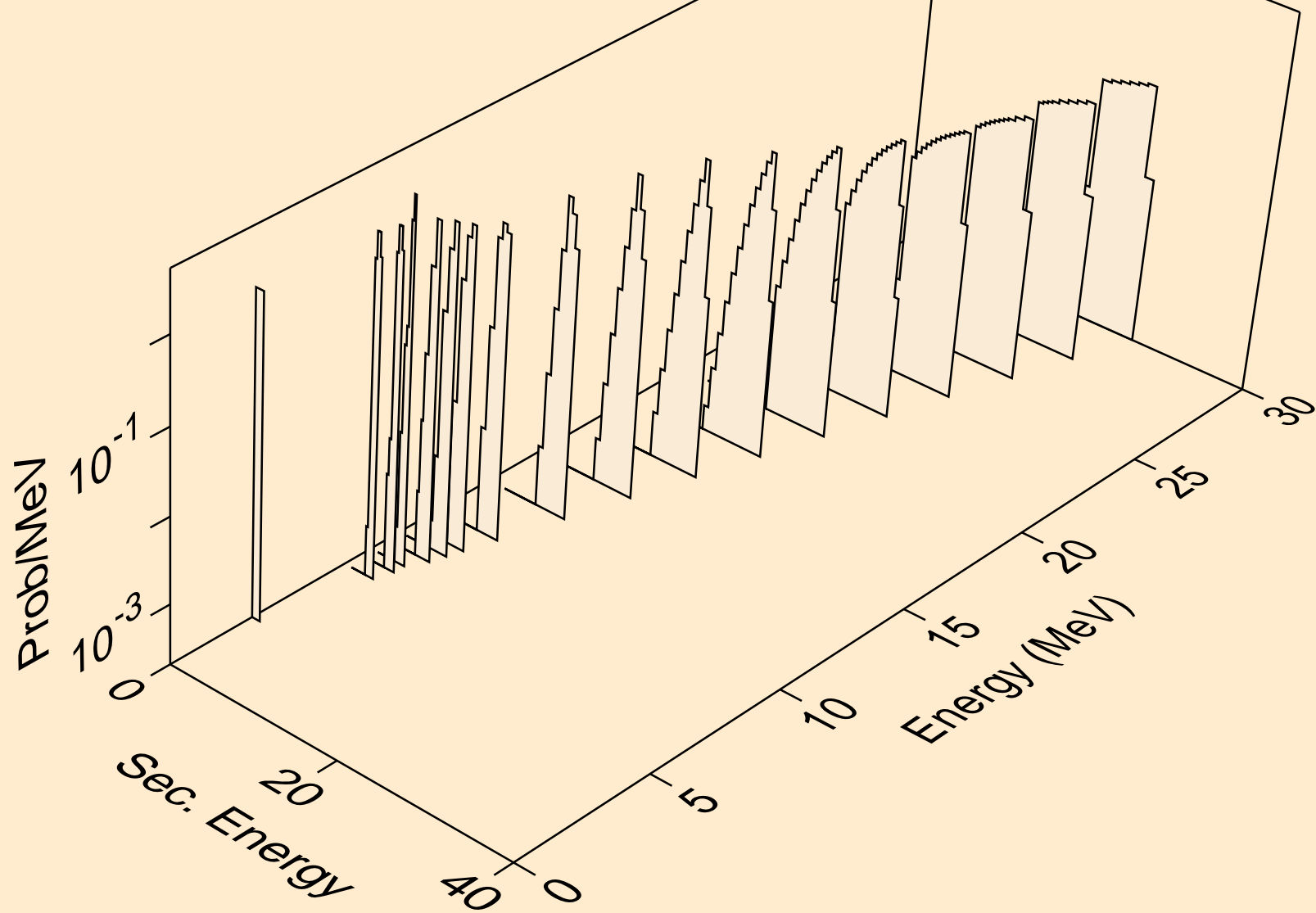
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deuterons from (n,2nd)



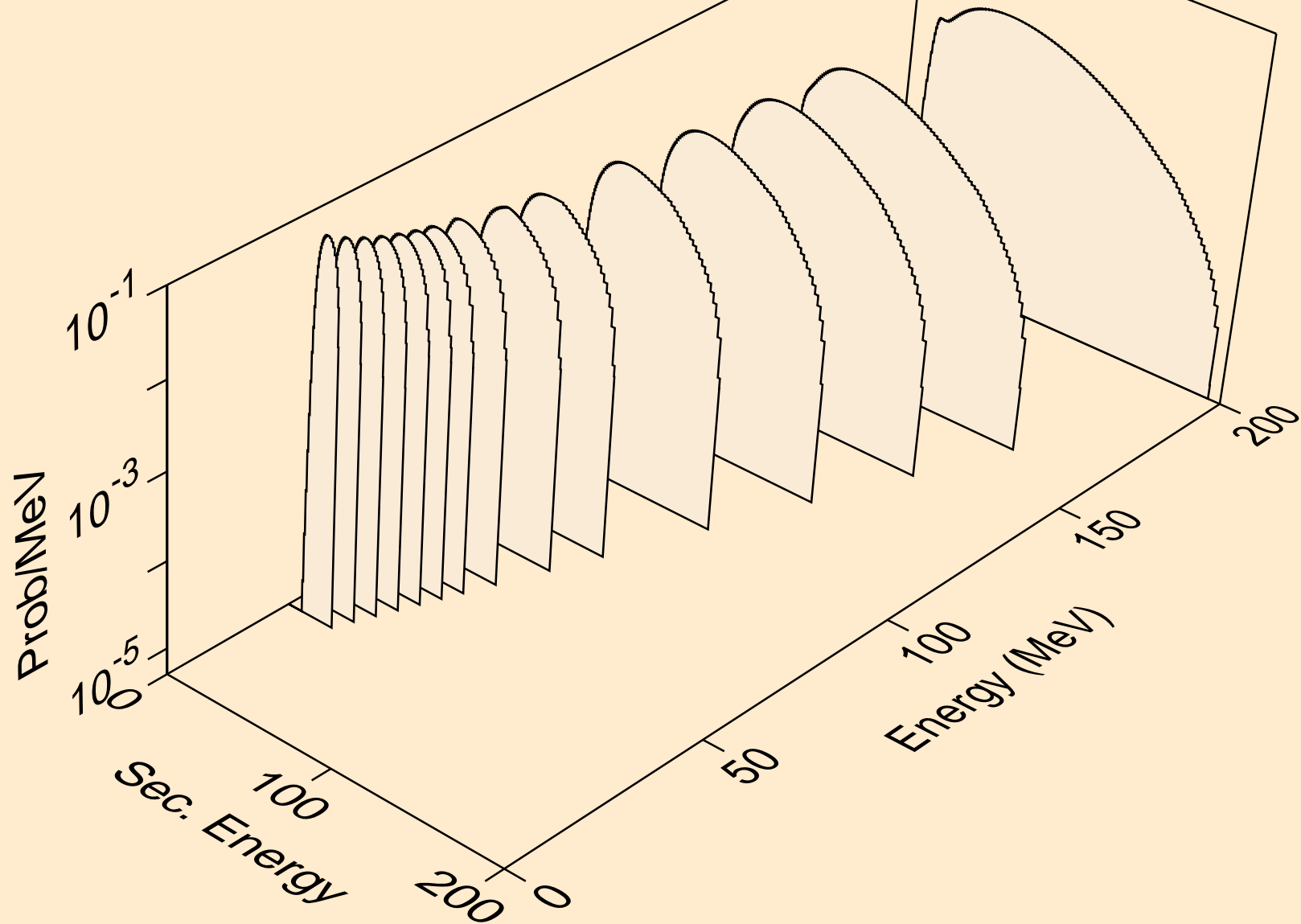
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deuterons from (n,n*)d



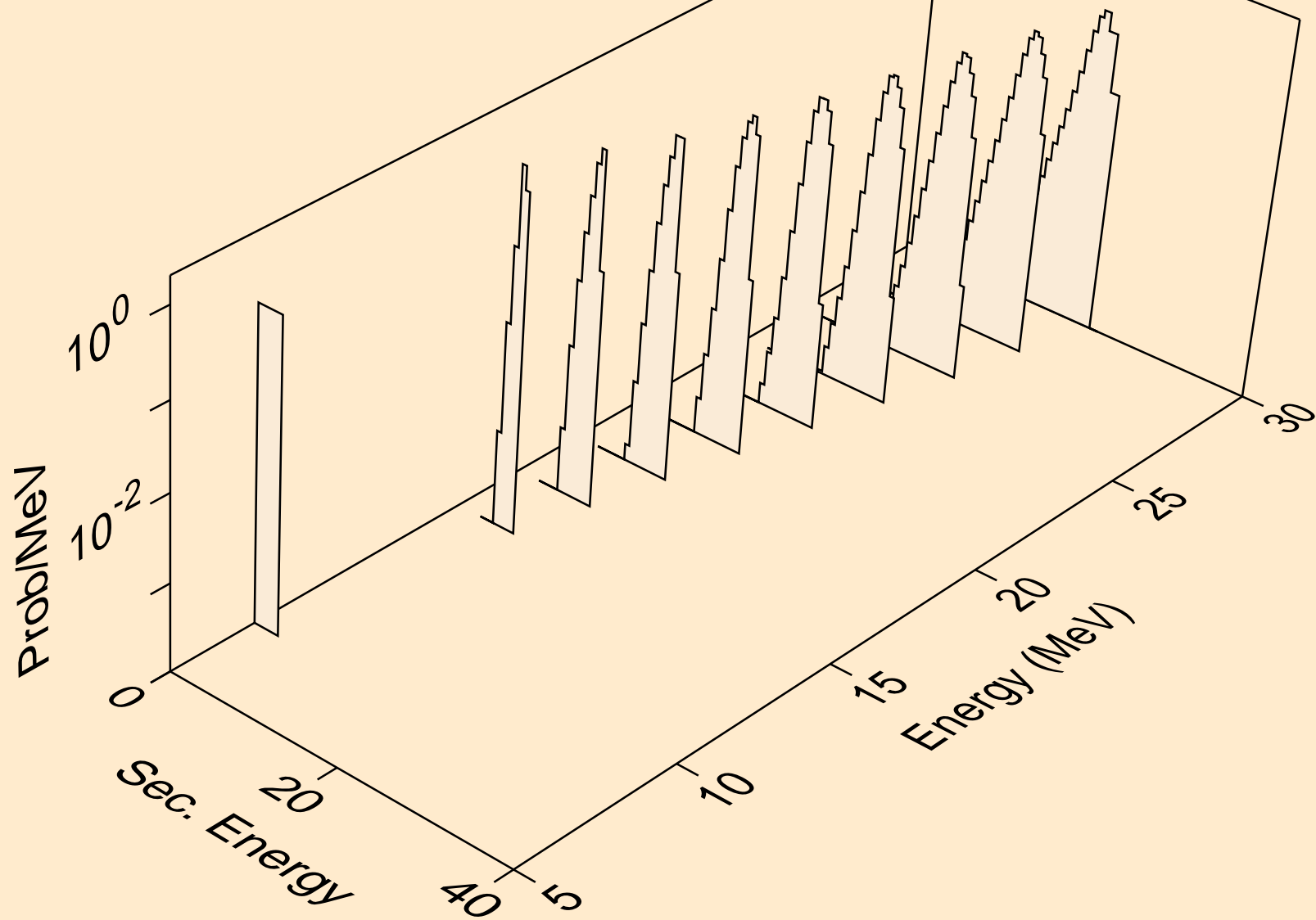
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deuterons from (n,d)



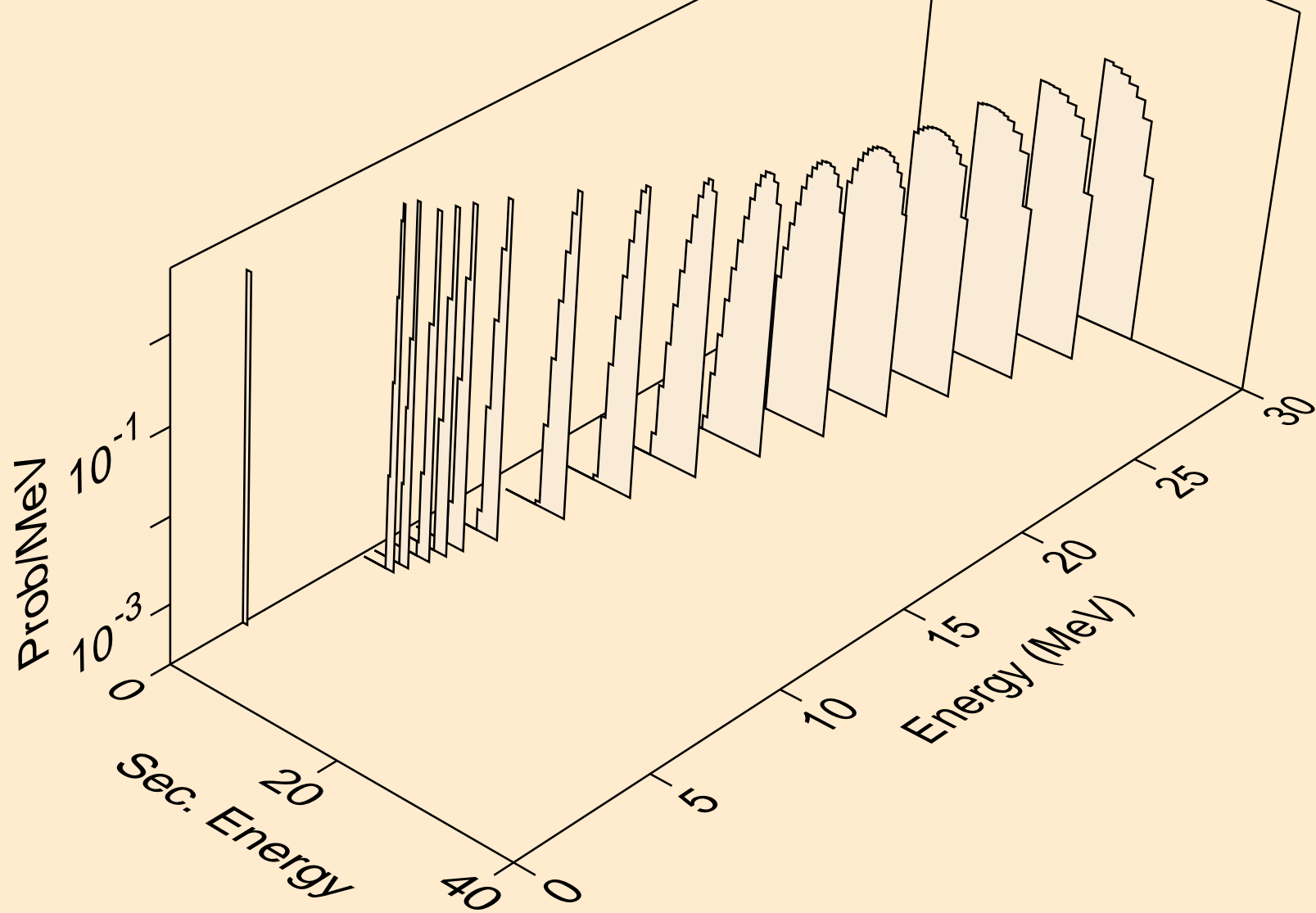
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tritons from (n,x)



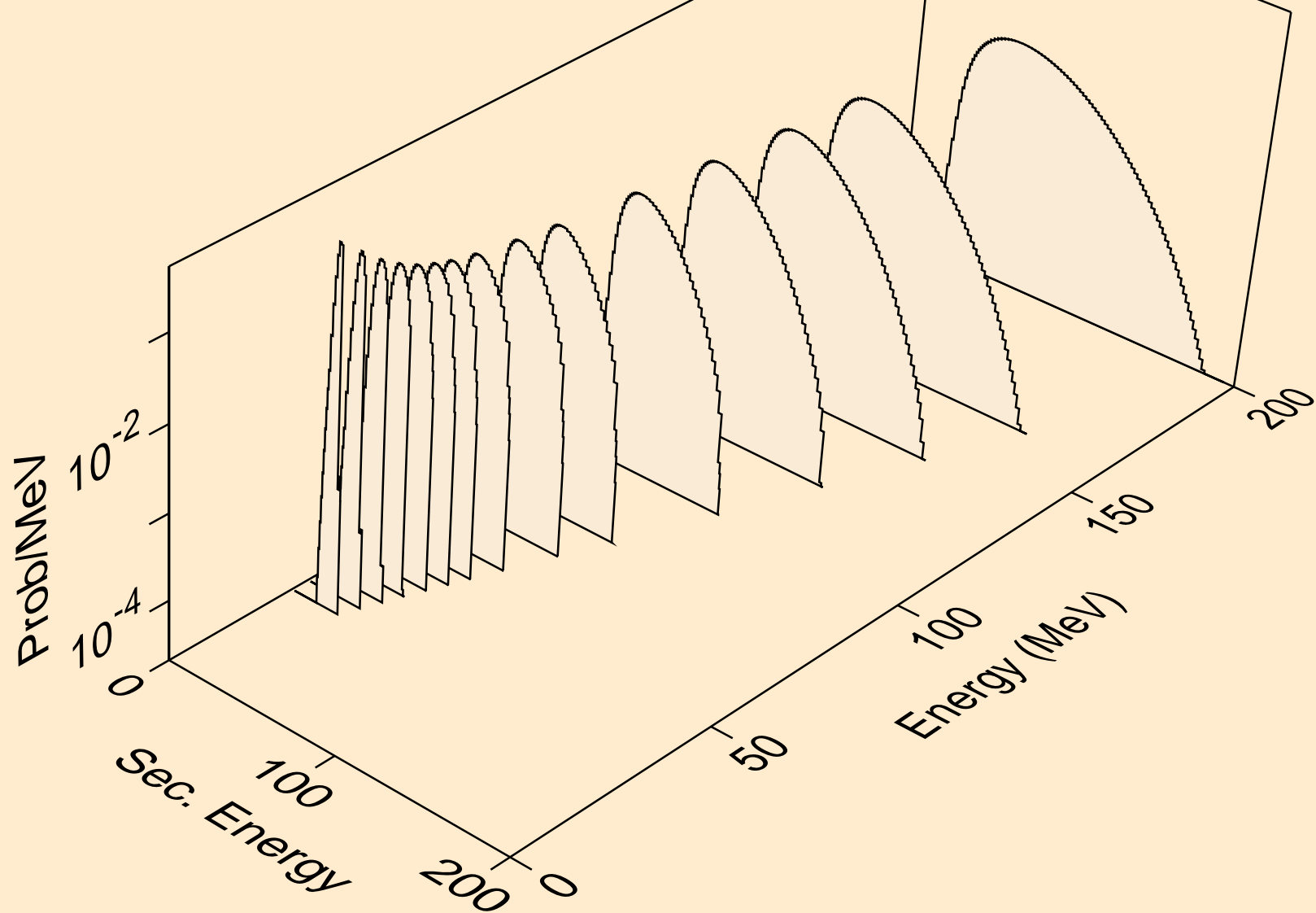
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tritons from (n,n*)t



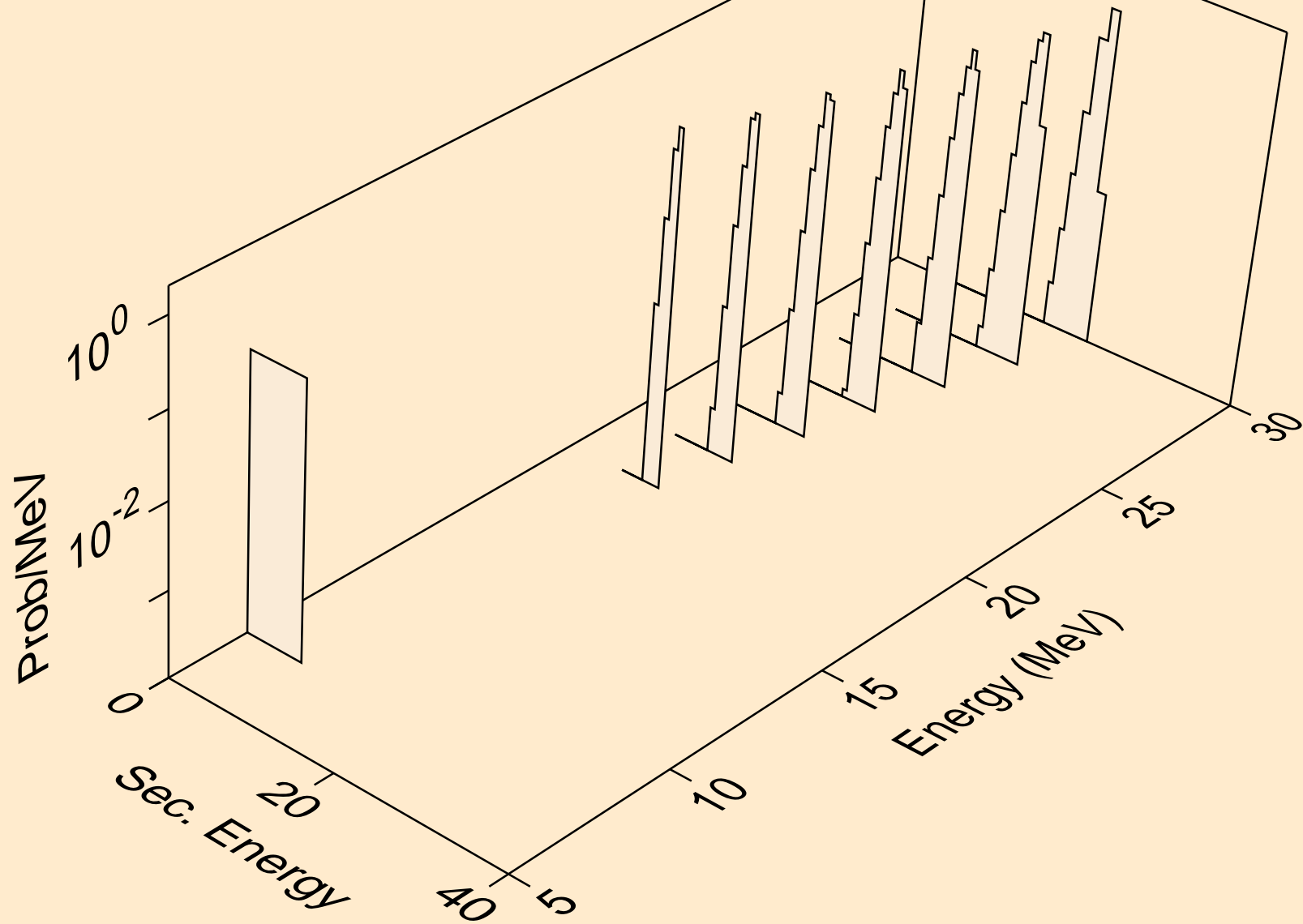
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tritons from (n,t)



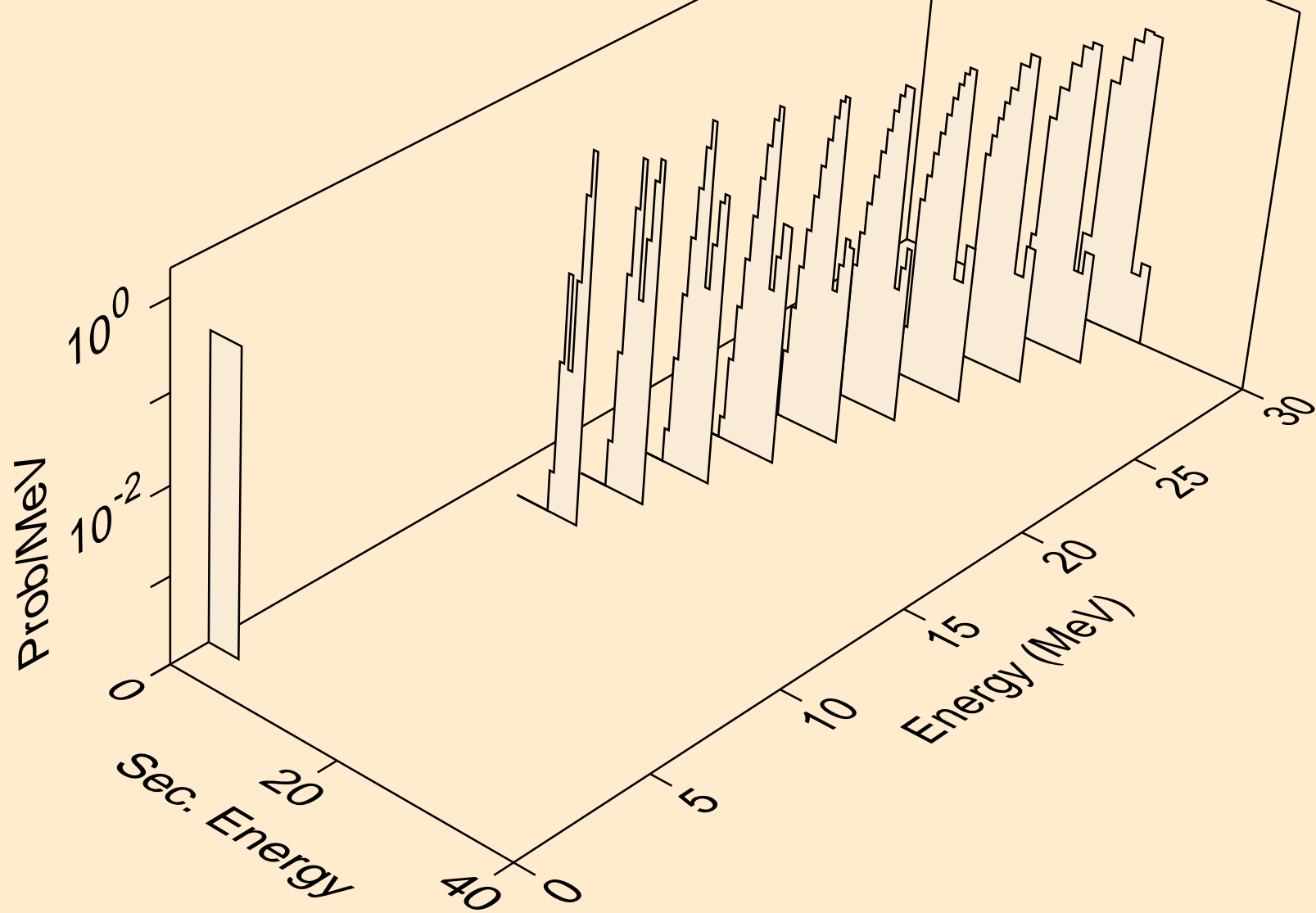
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he3s from (n,x)



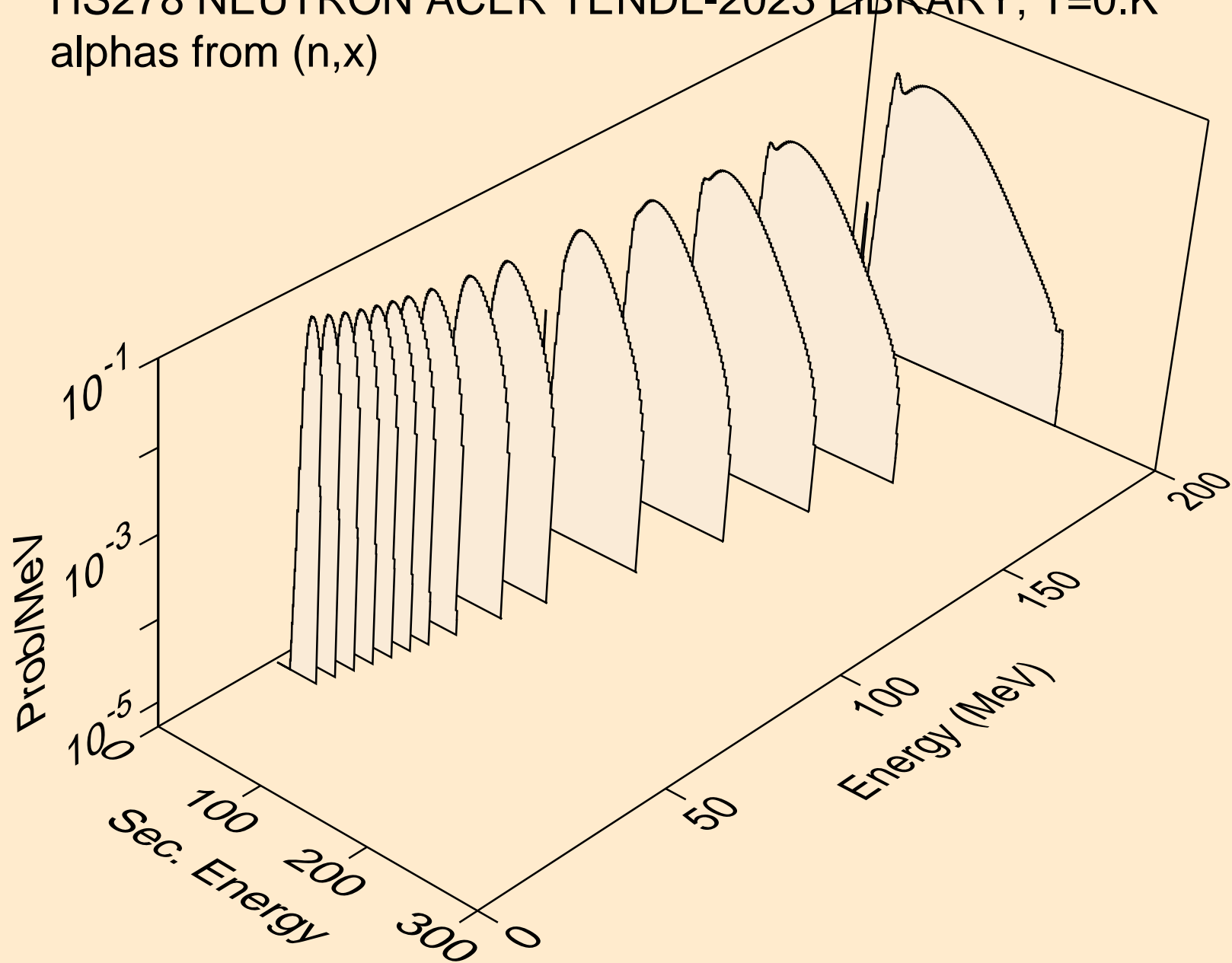
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he3s from (n,n*)he3



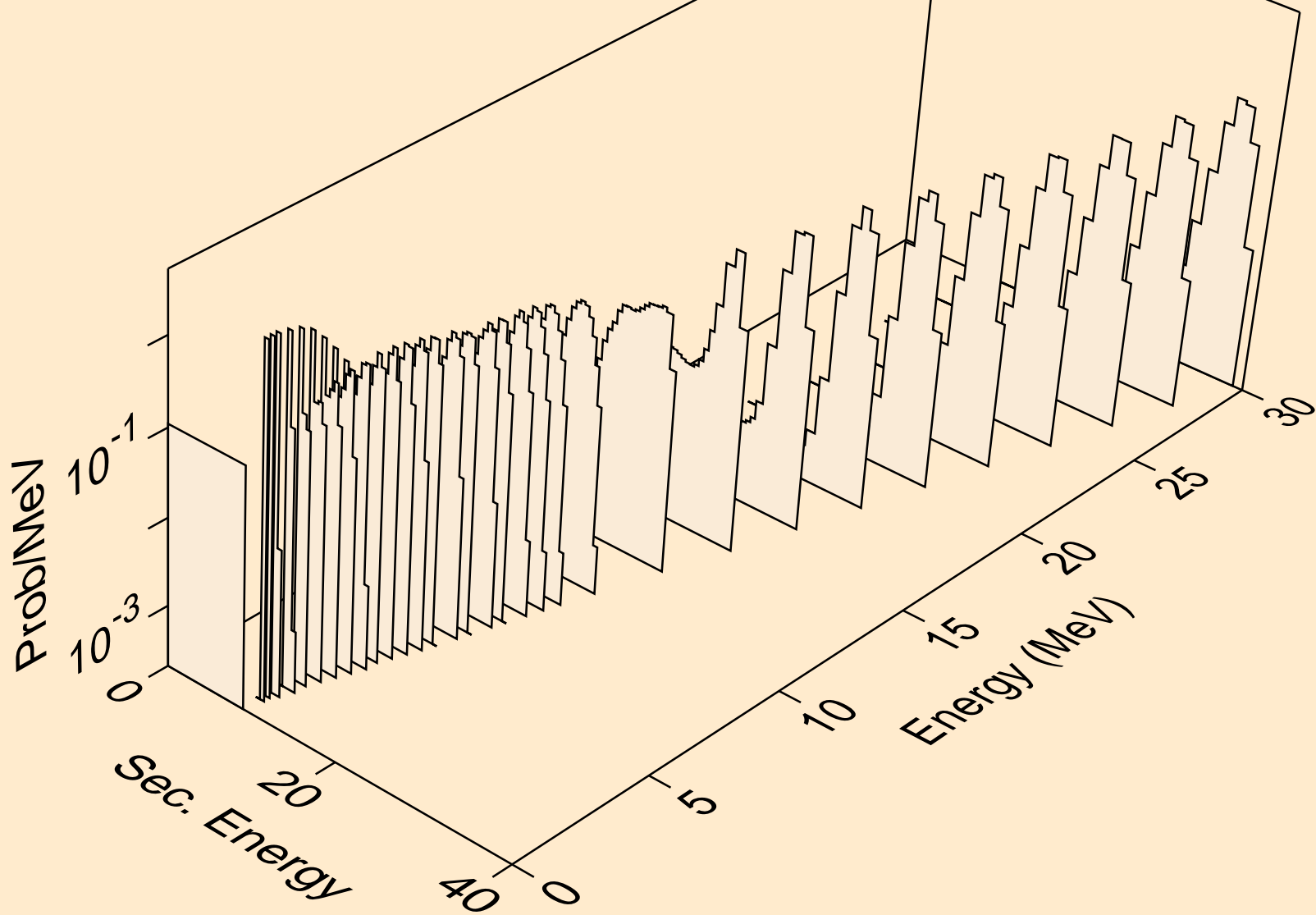
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he3s from (n,he3)



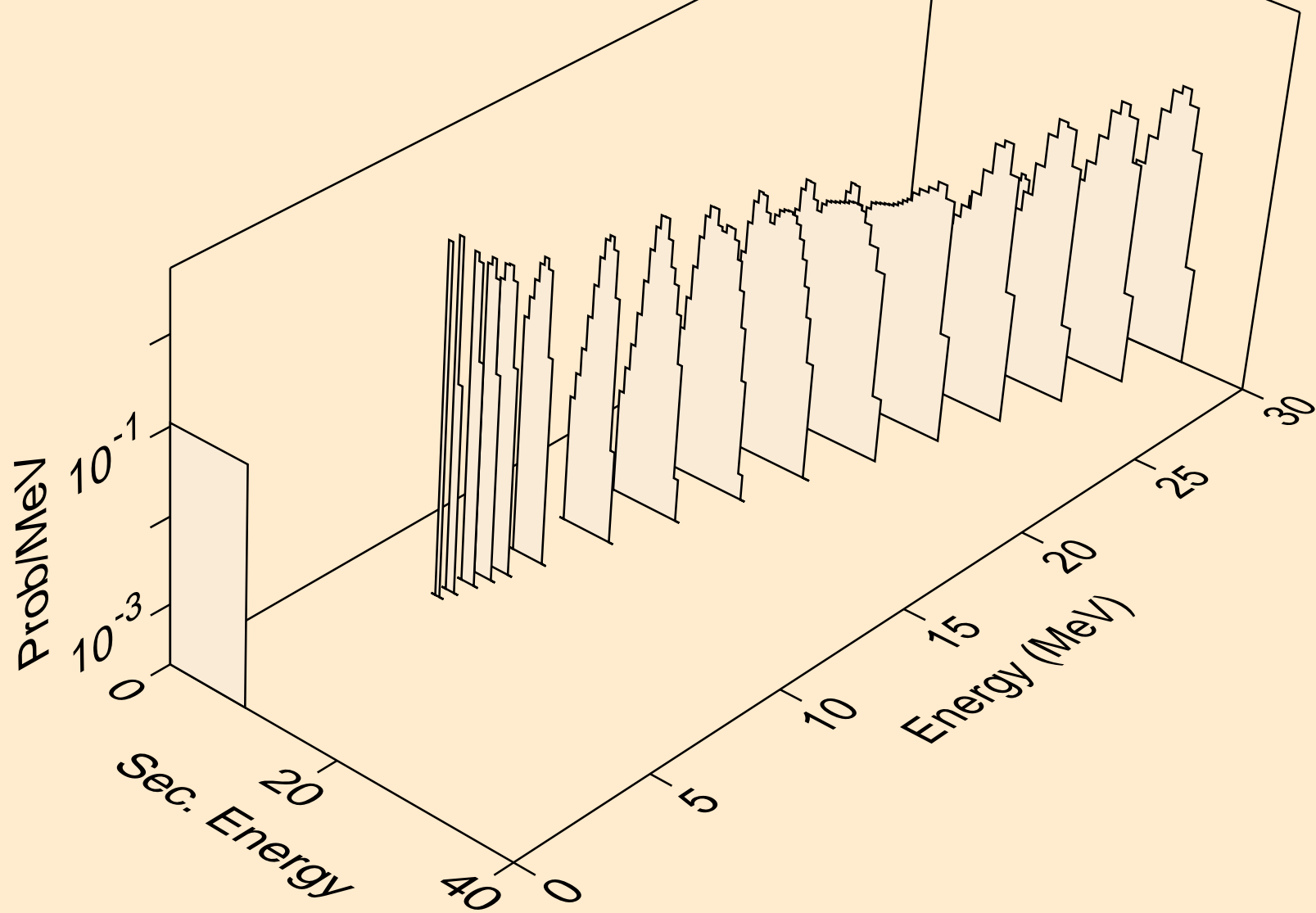
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



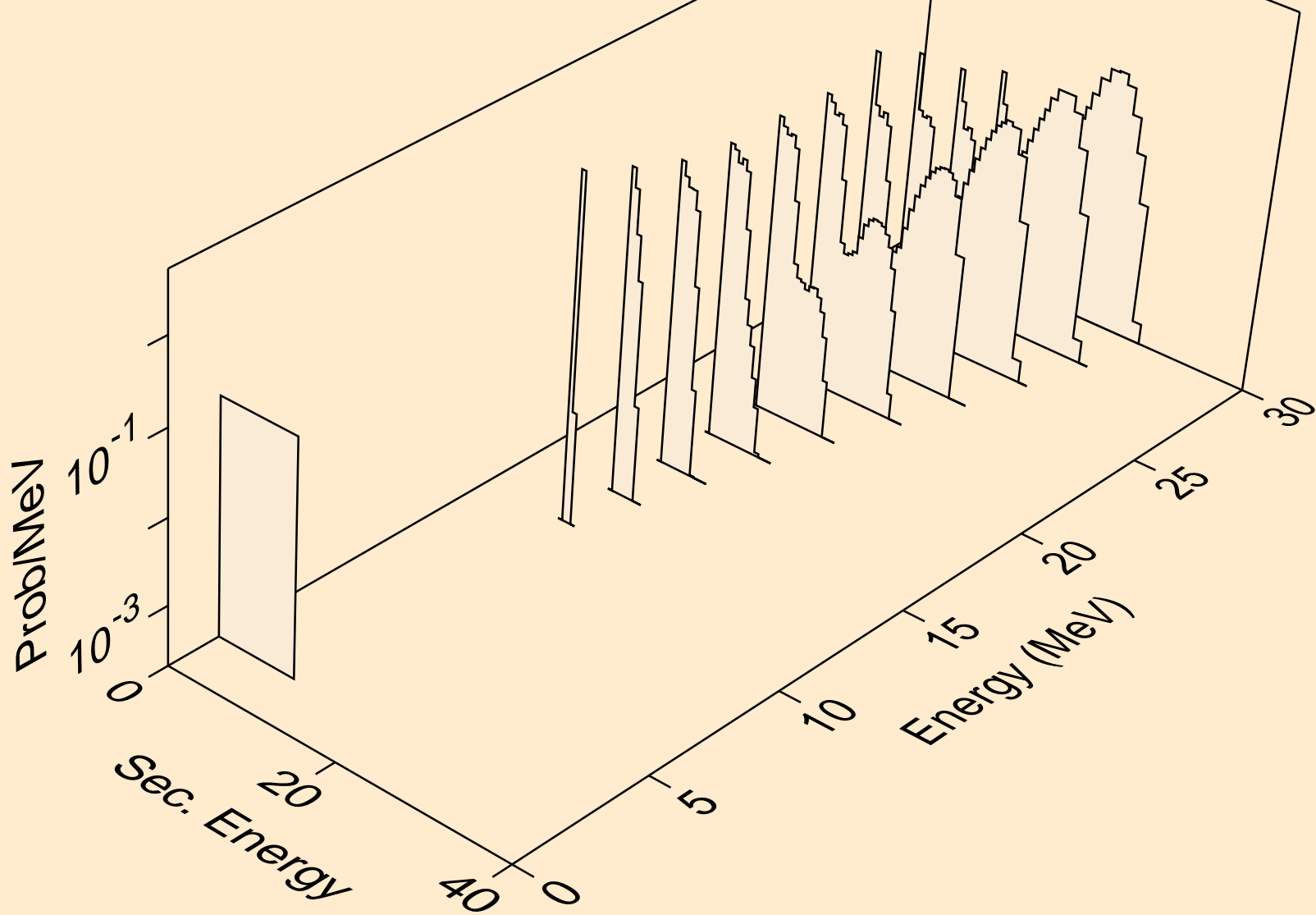
HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



HS278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

