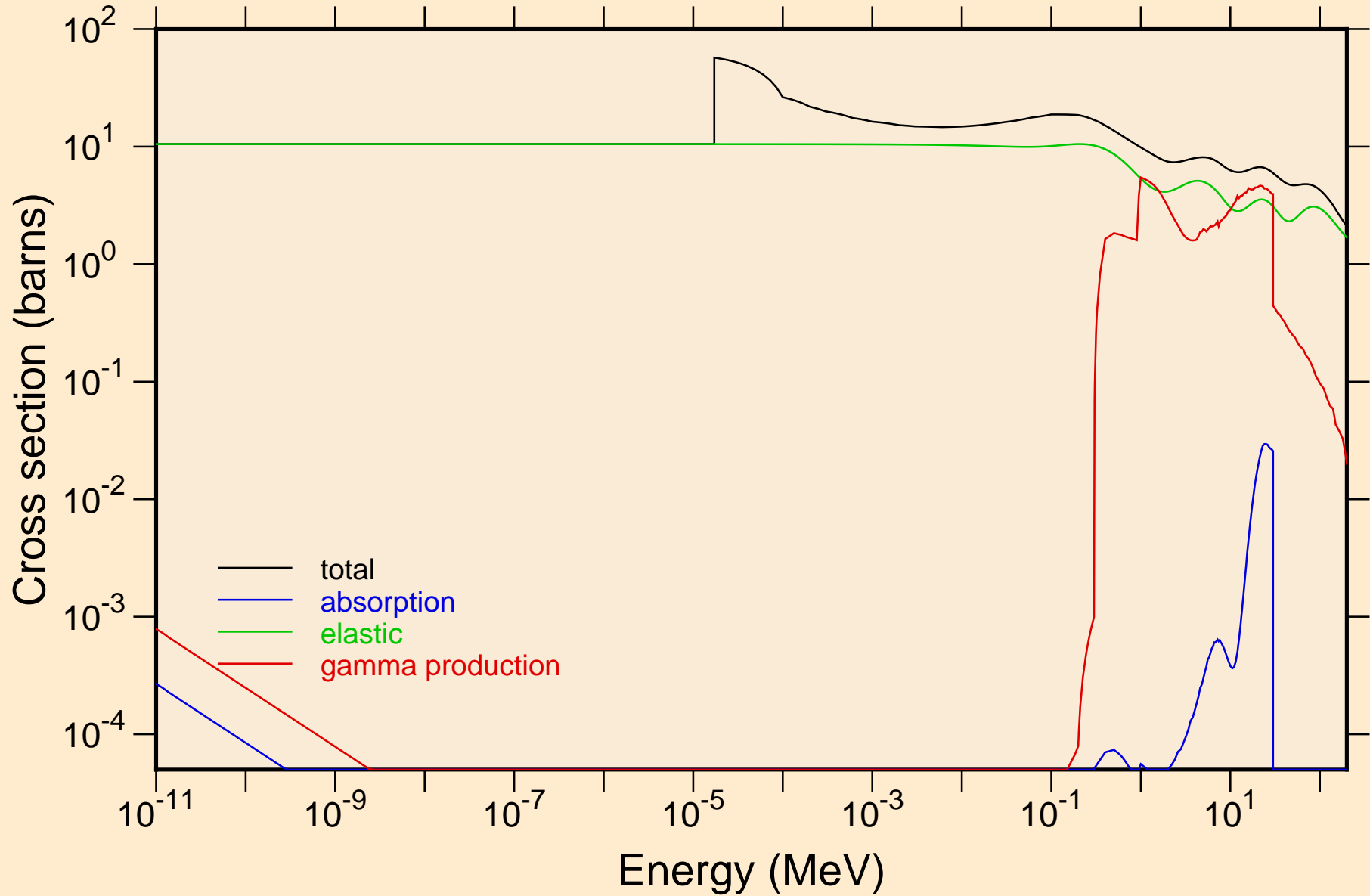
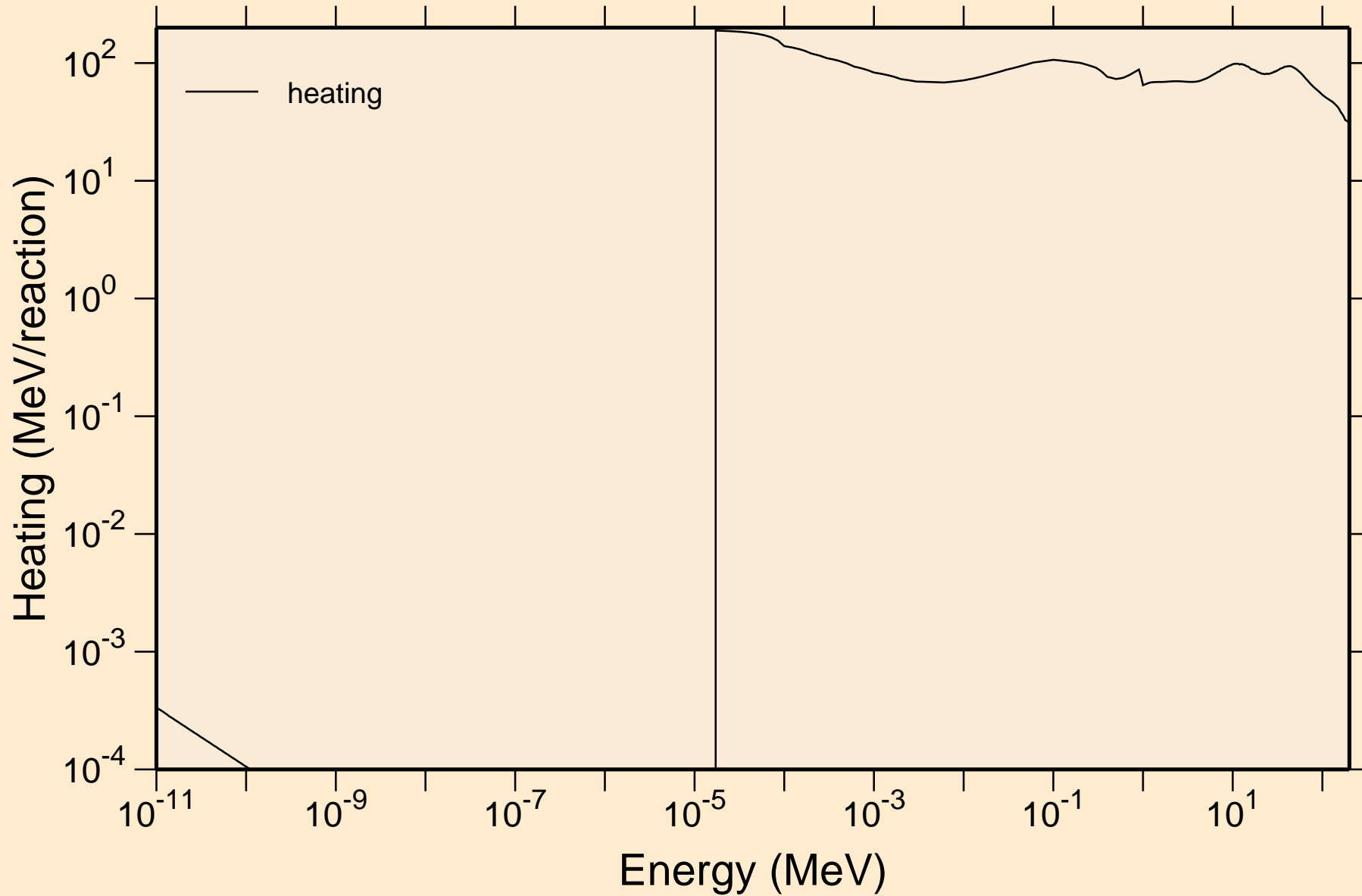


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

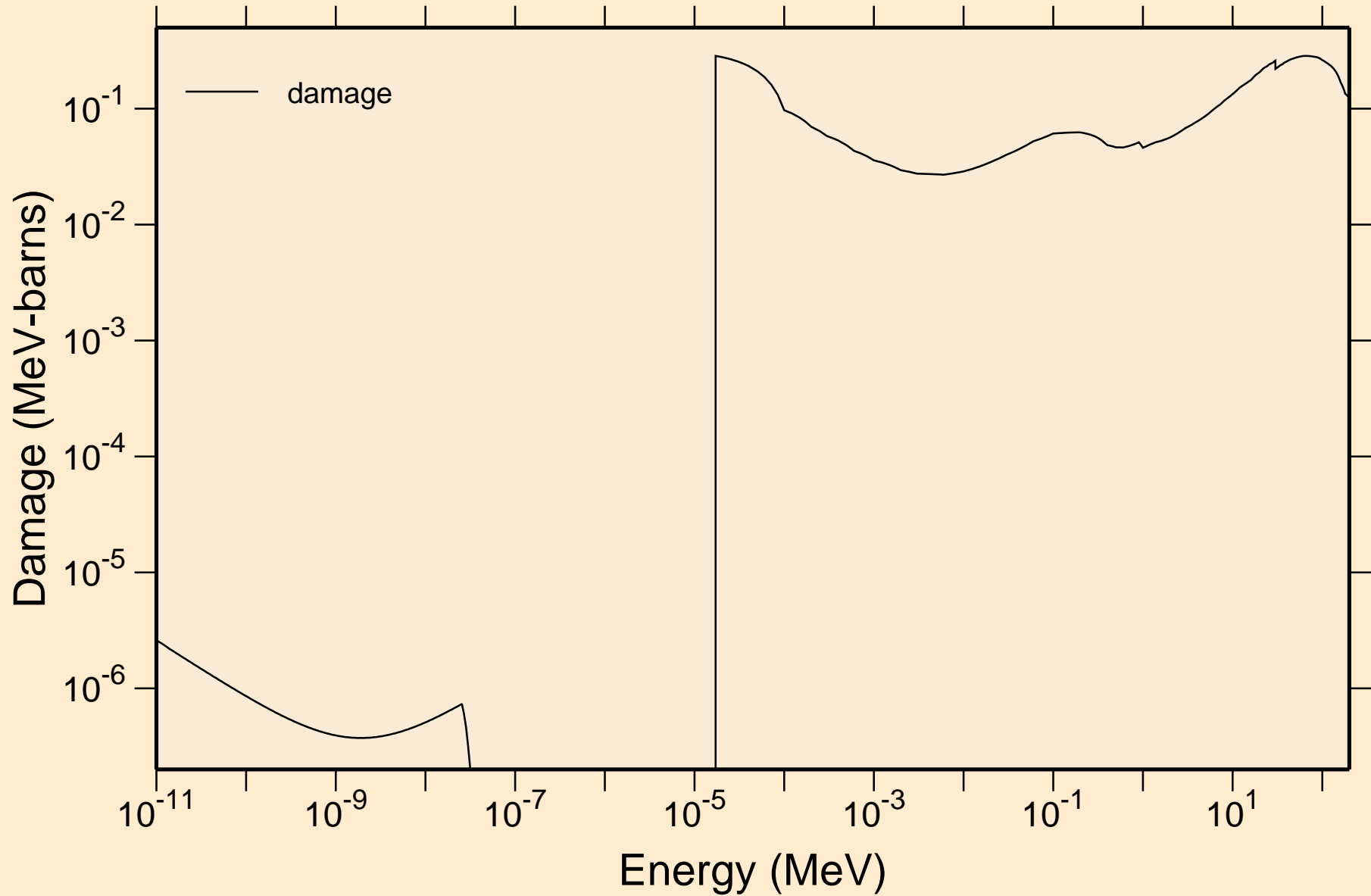


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



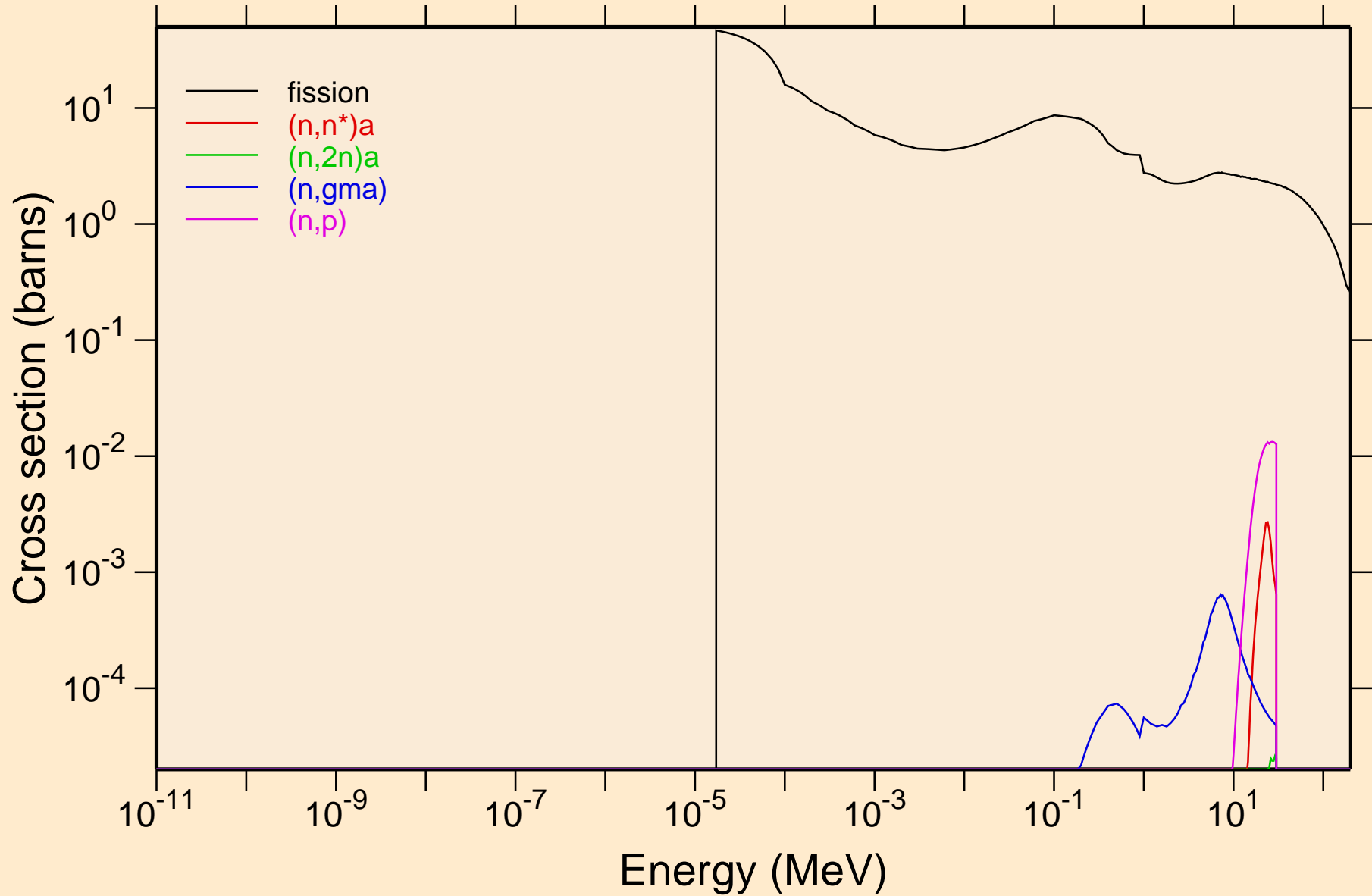
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Damage

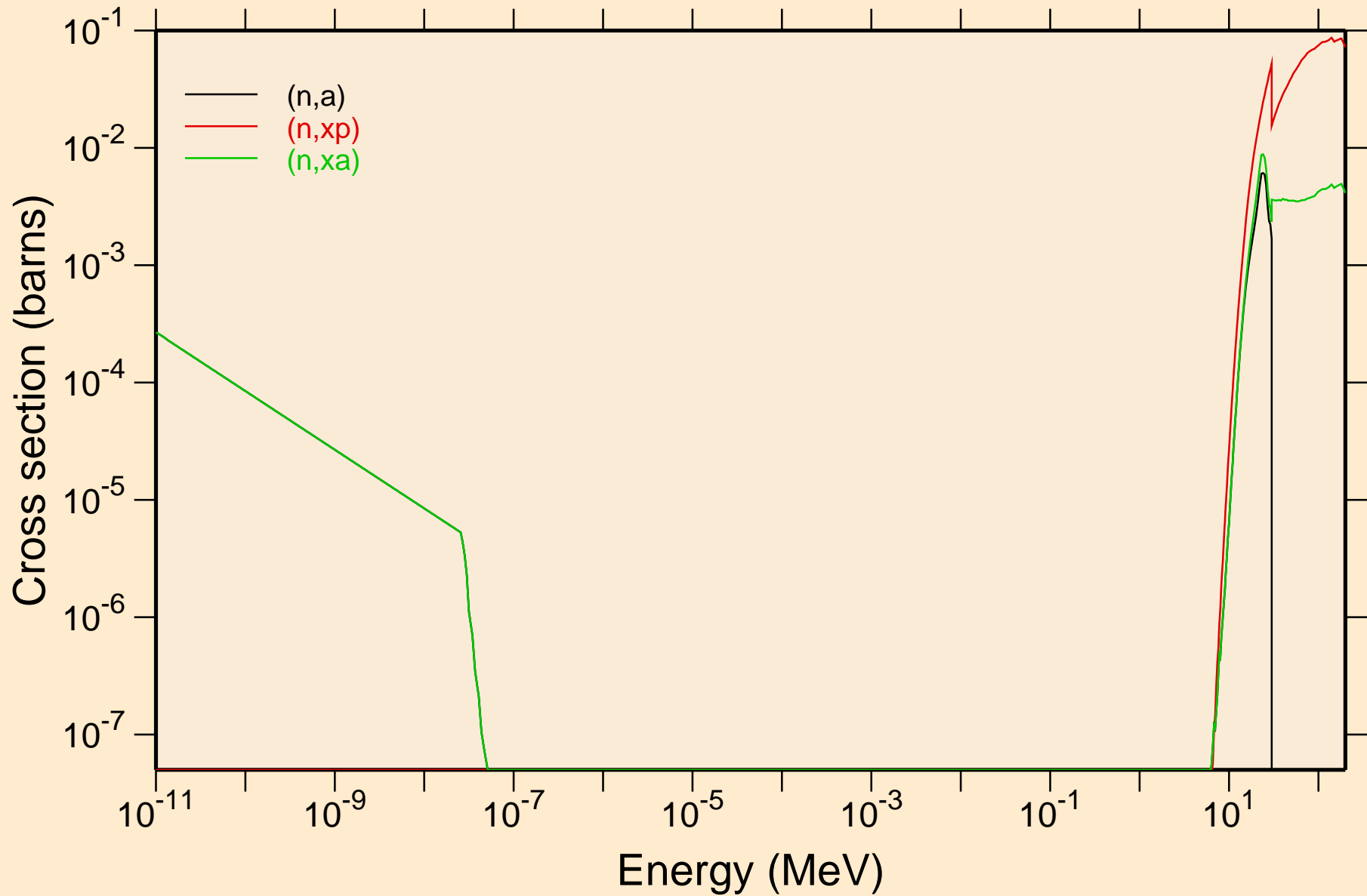


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

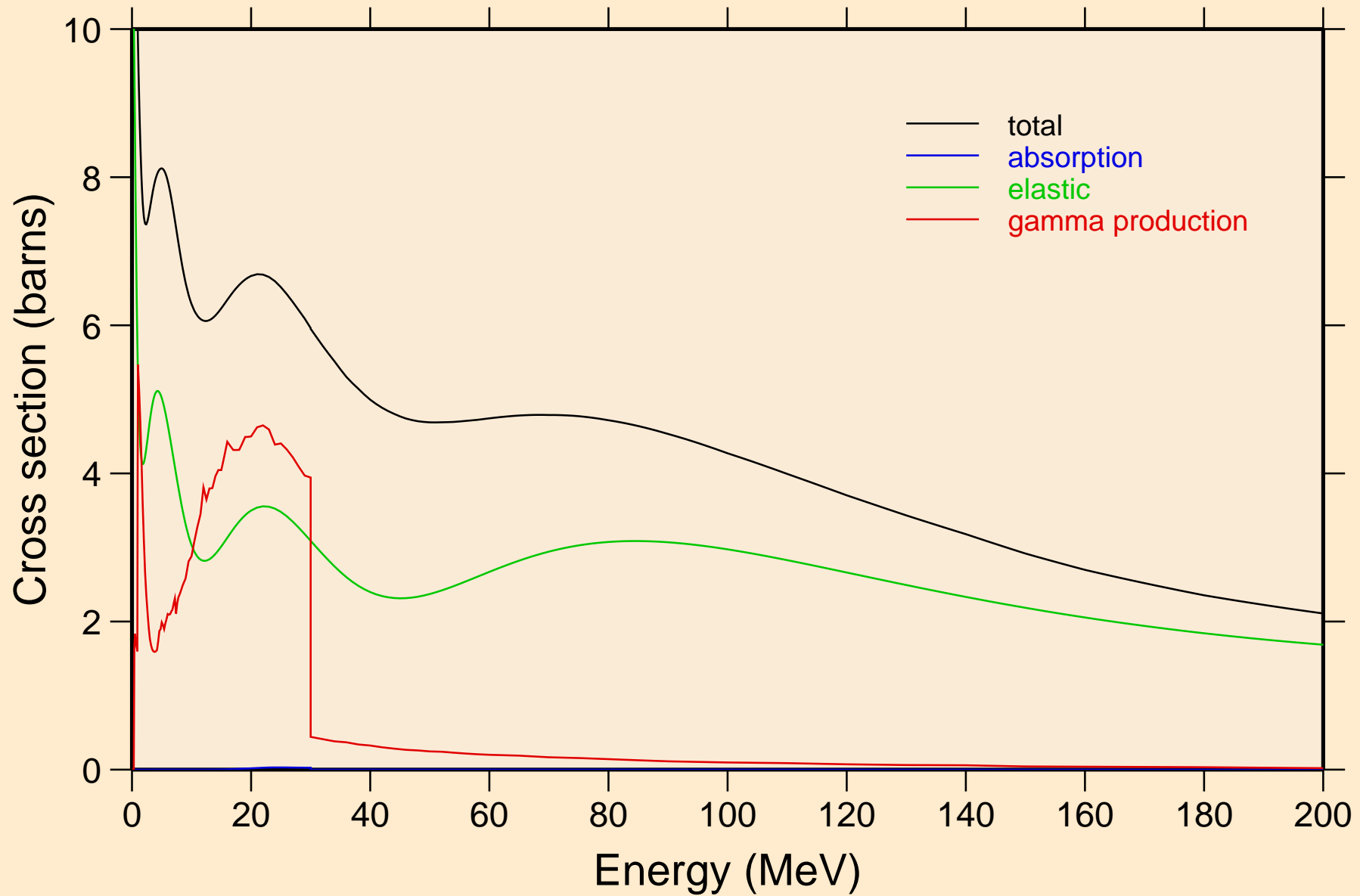


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



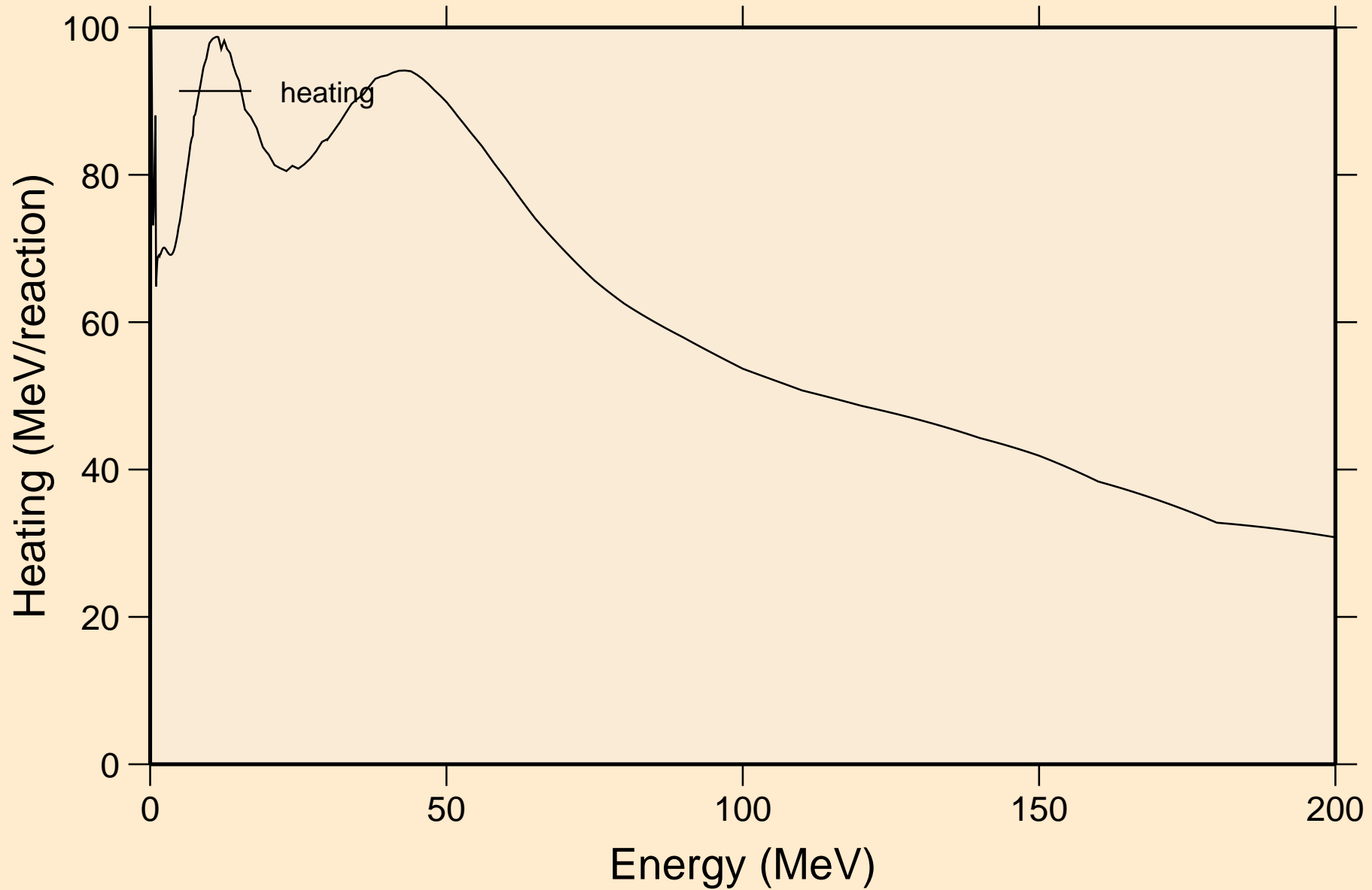
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Principal cross sections



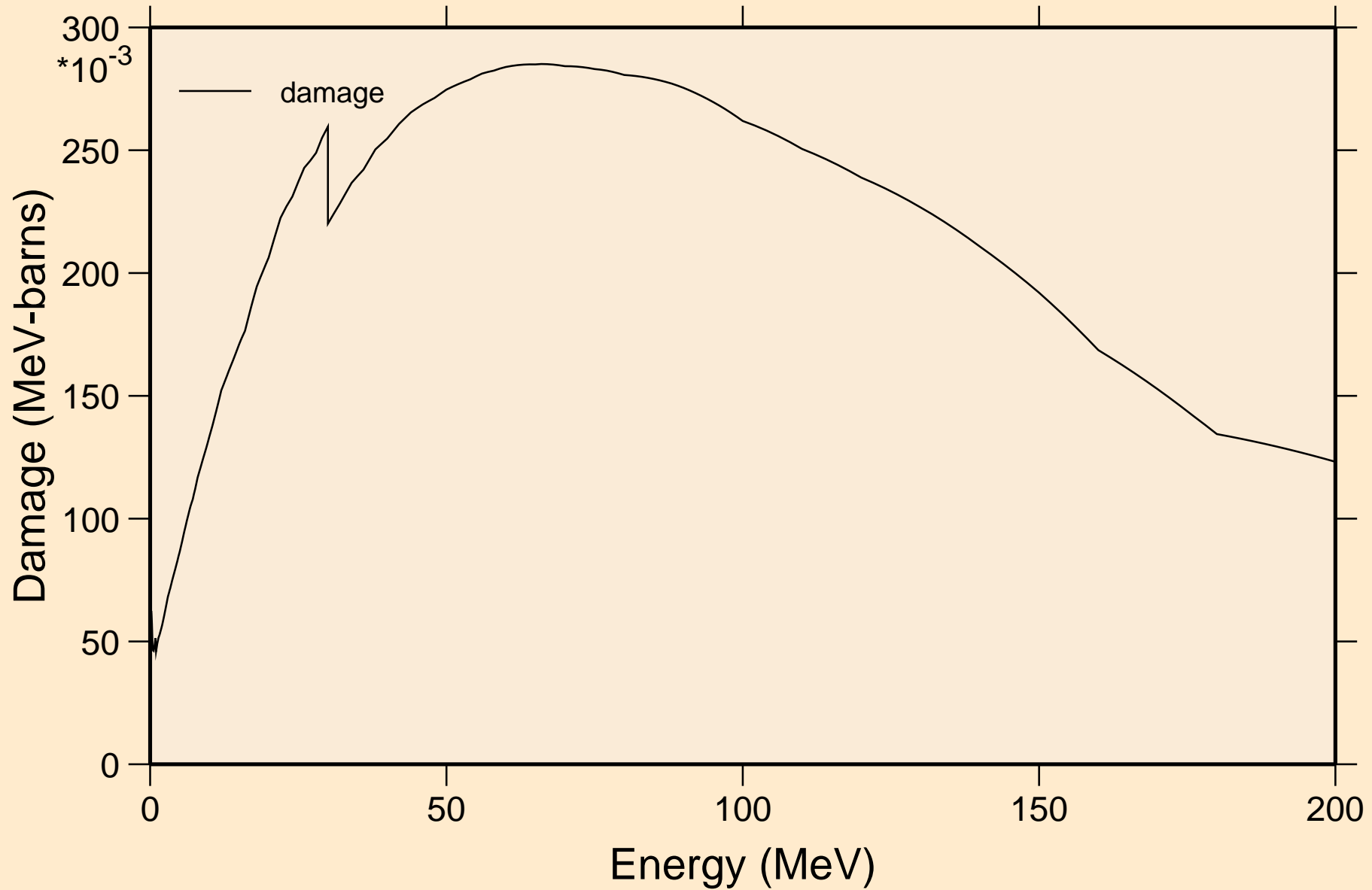
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Heating



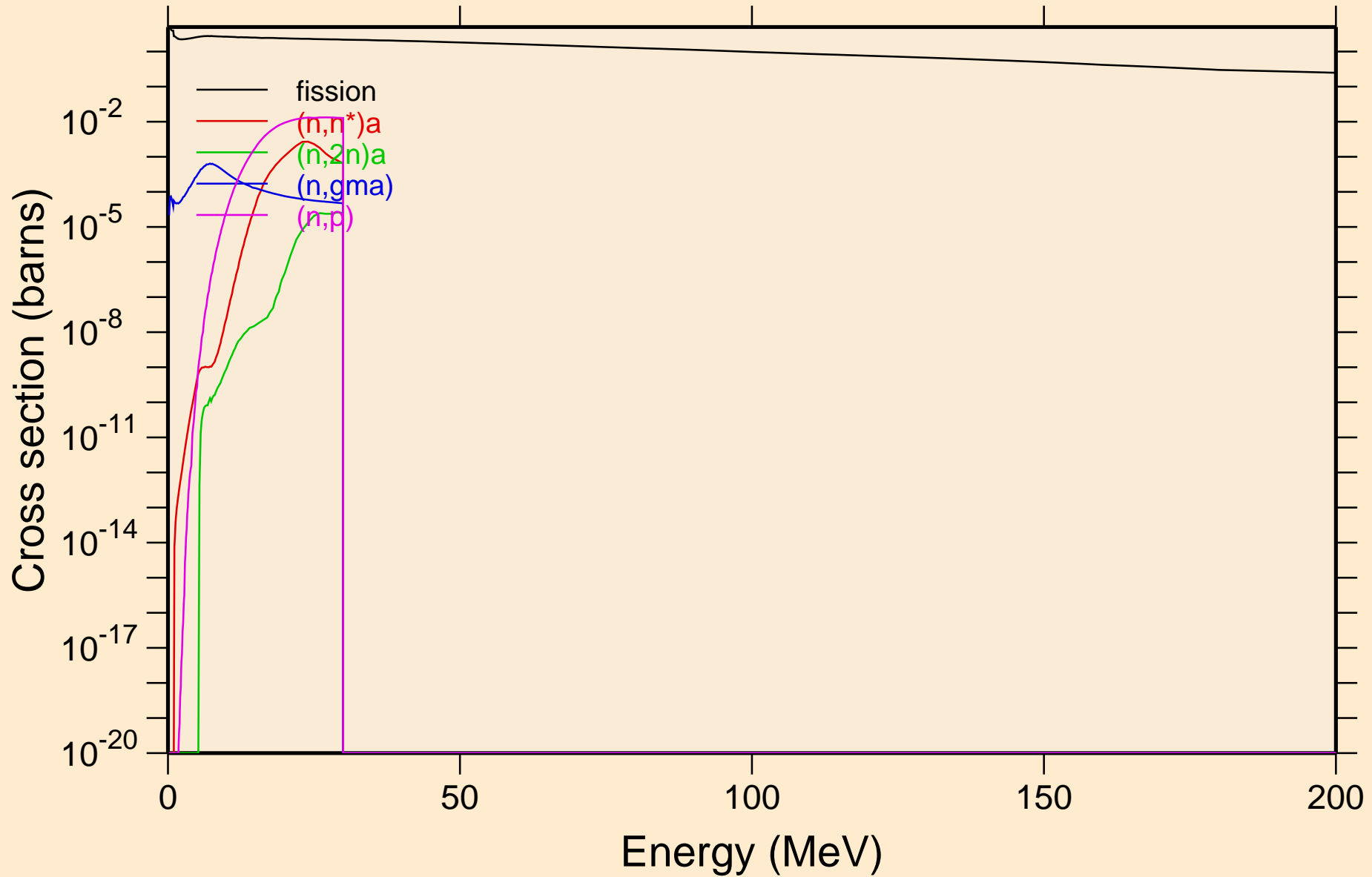
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Damage

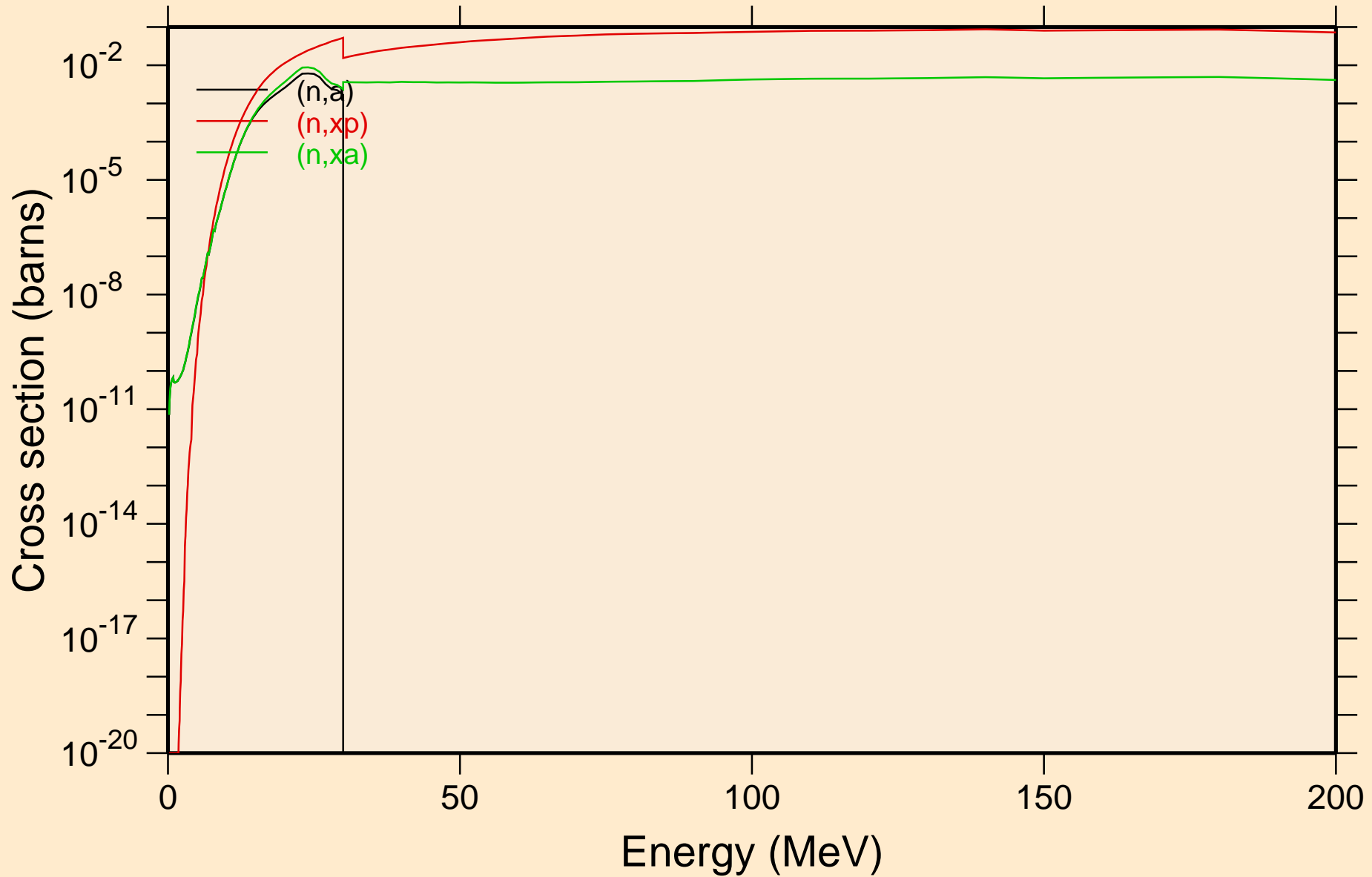


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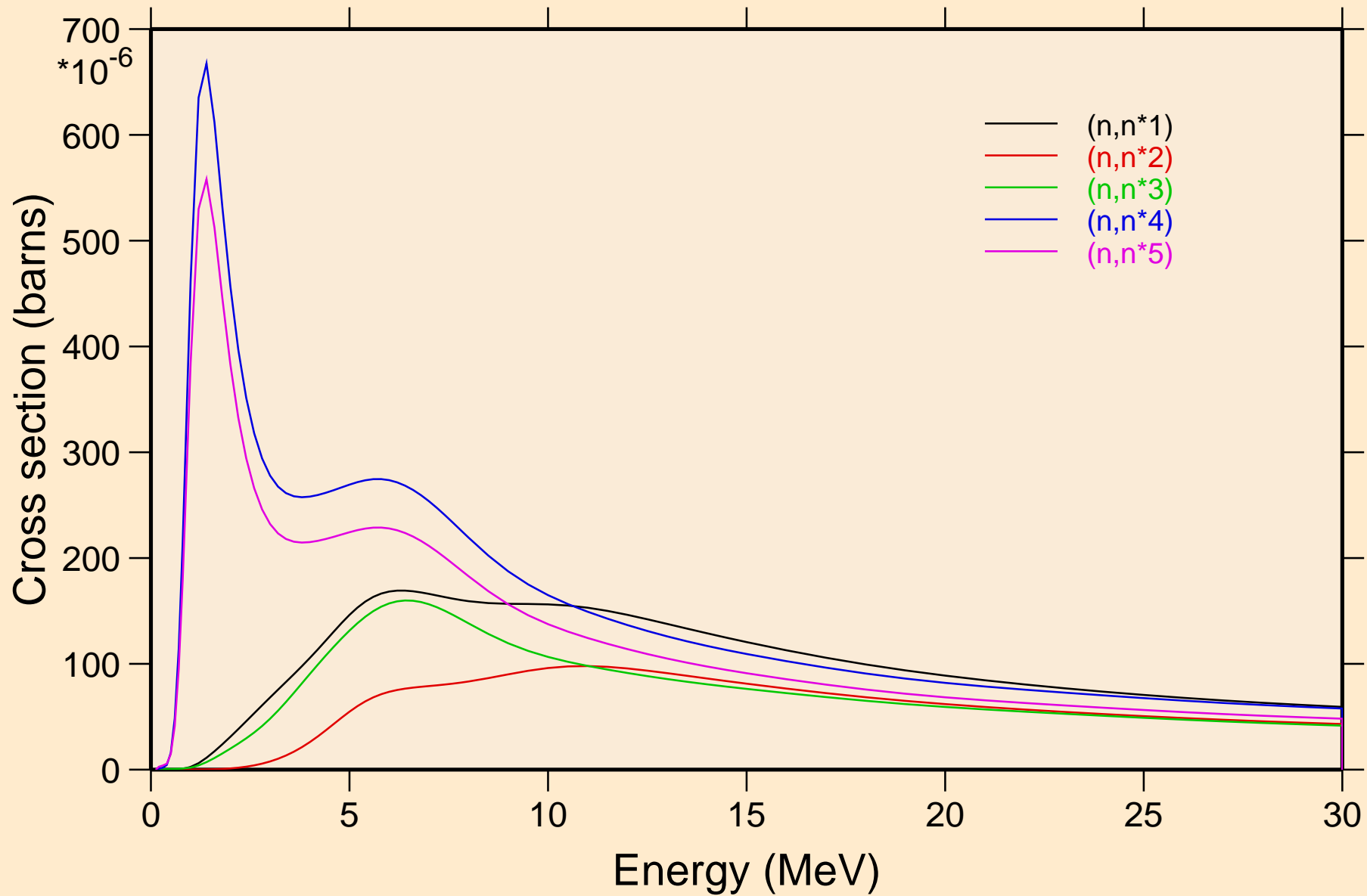
Non-threshold reactions



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

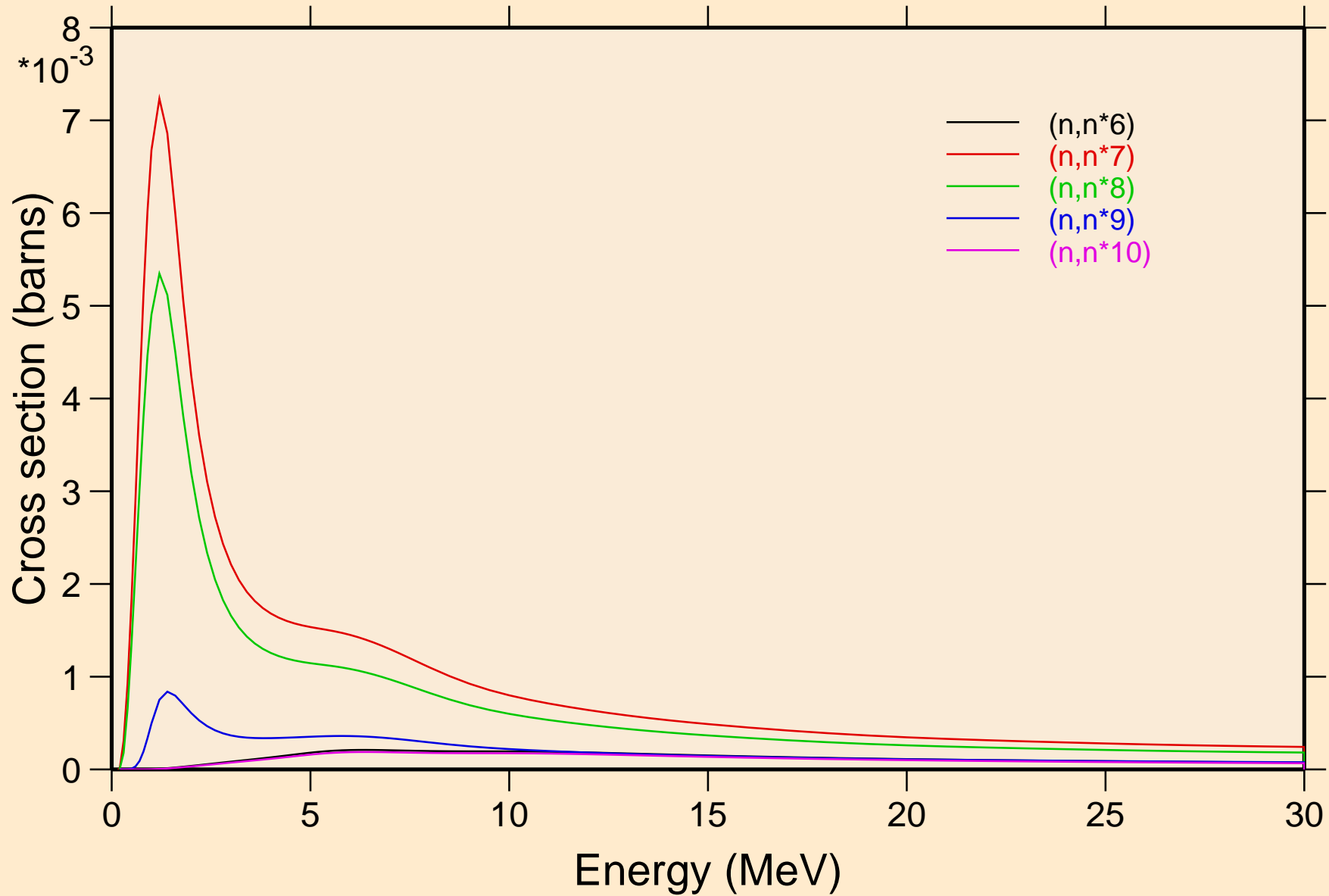


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

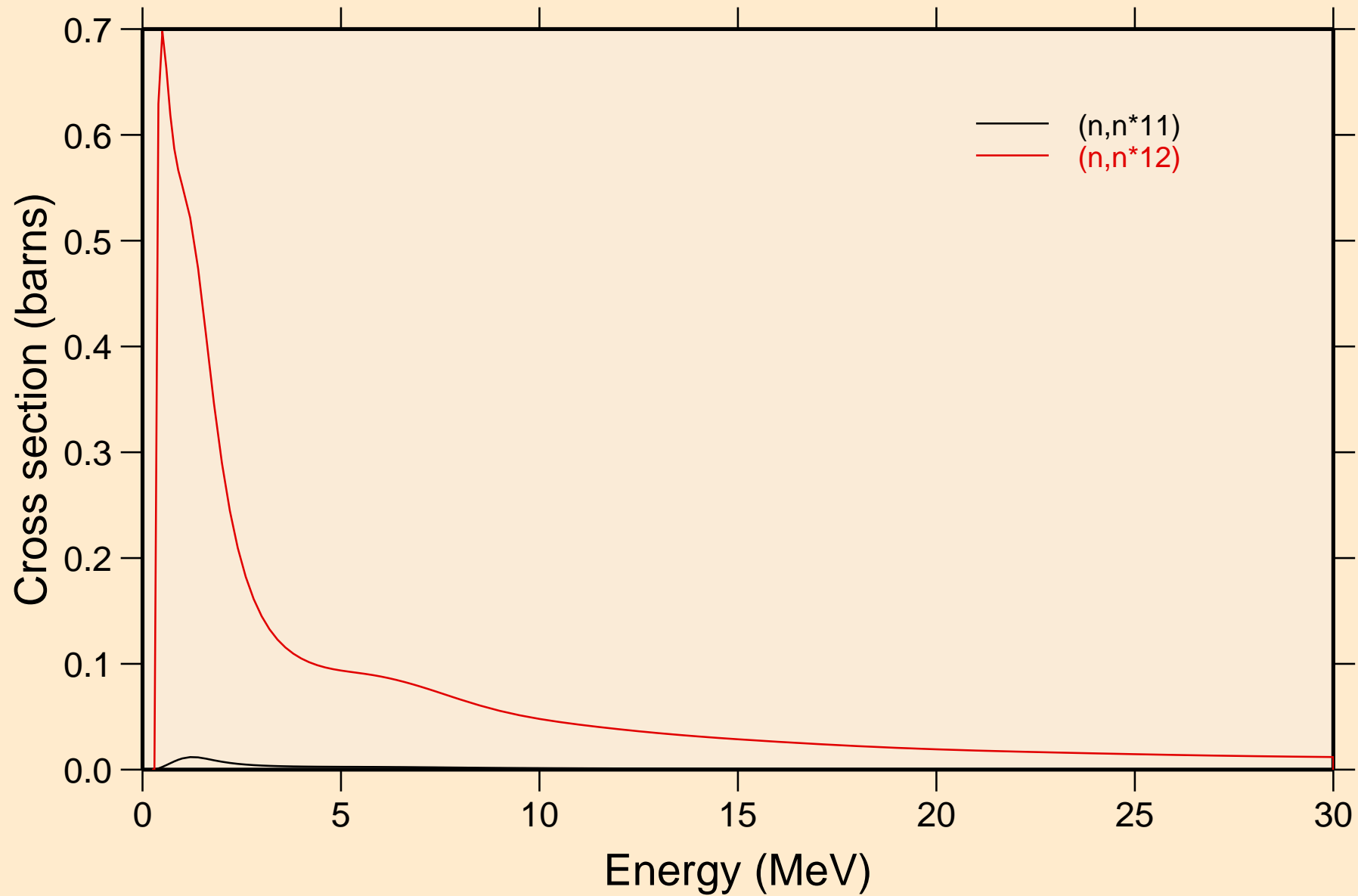


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

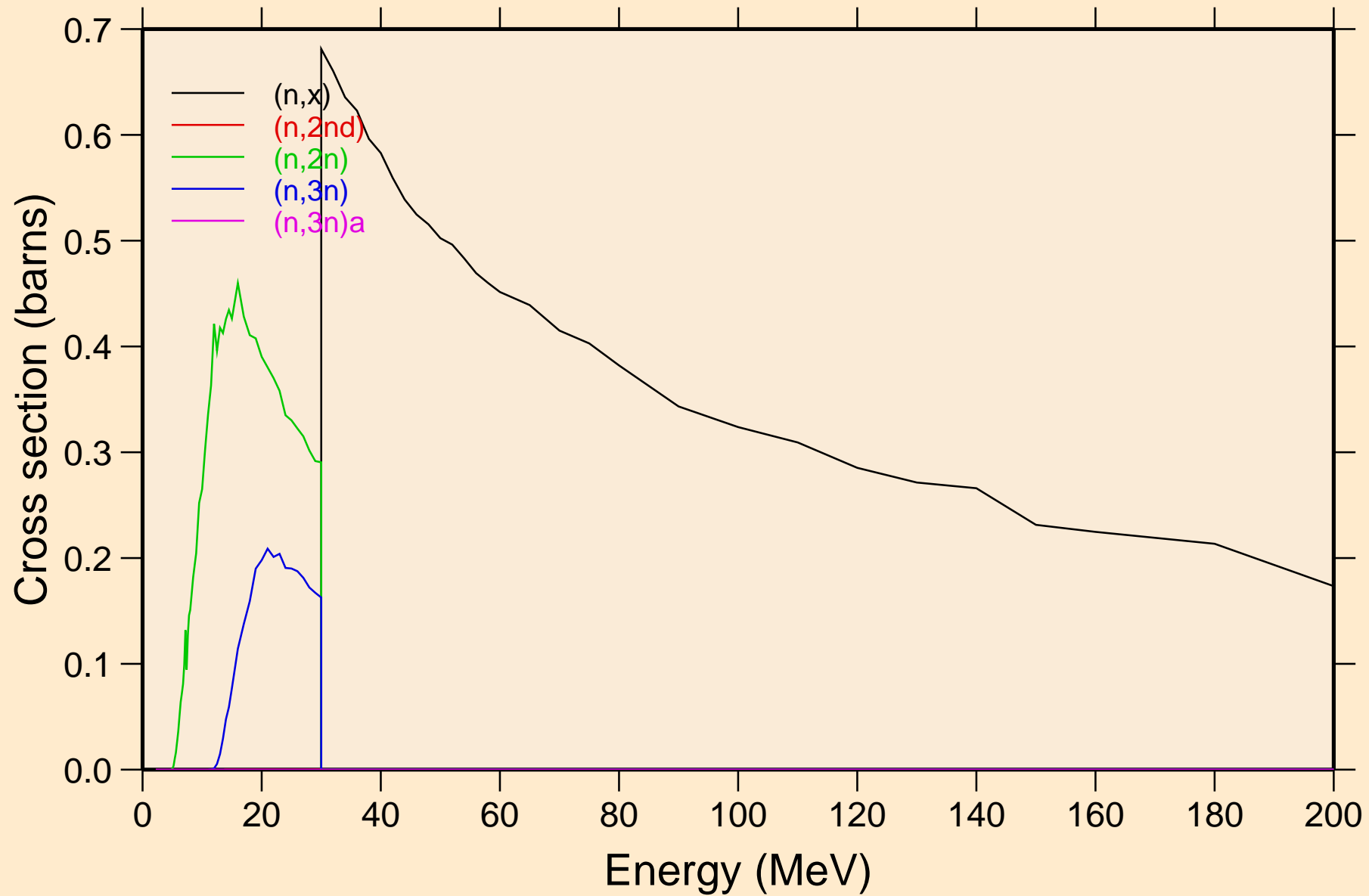


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



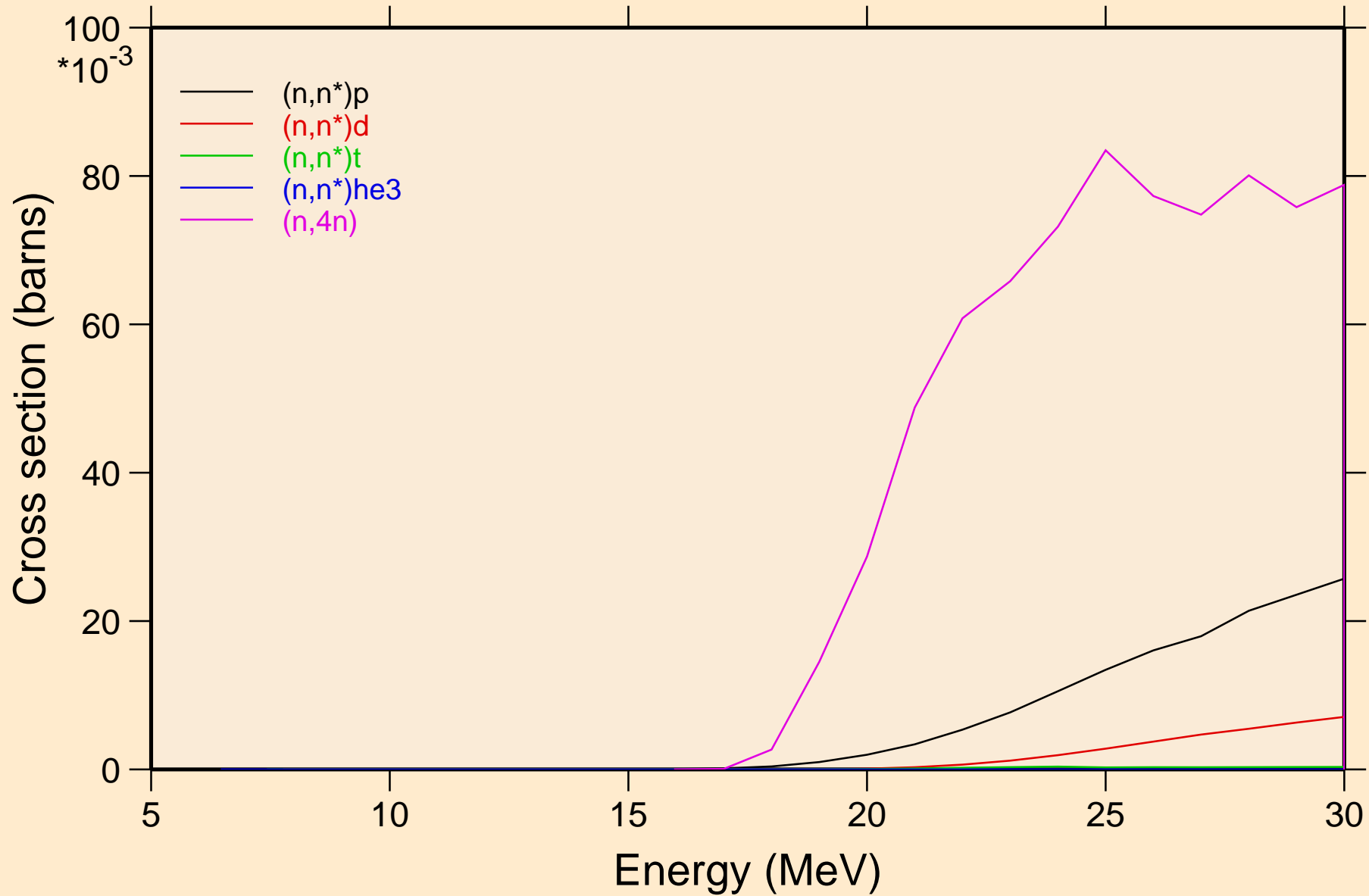
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Threshold reactions



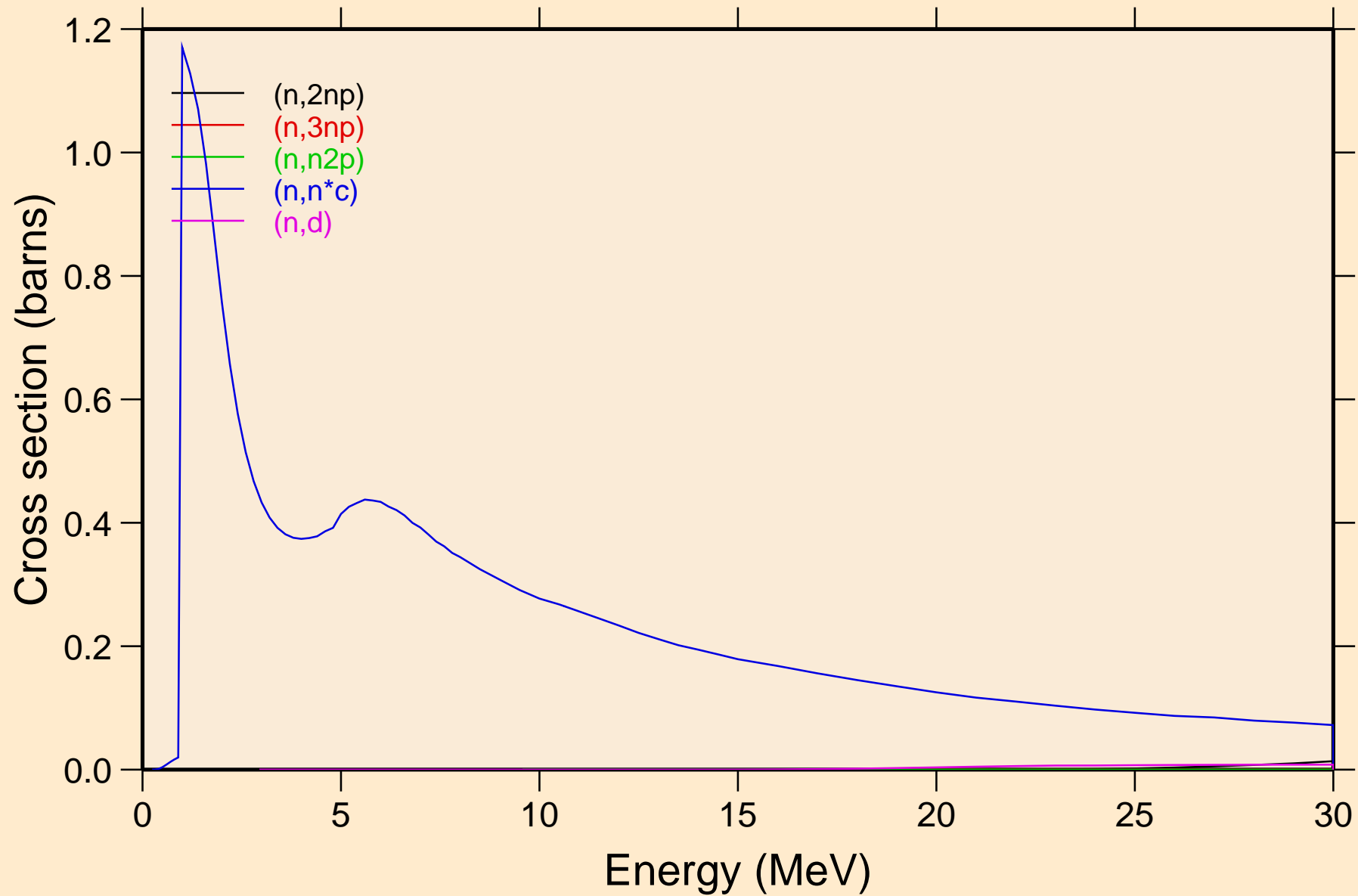
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Threshold reactions



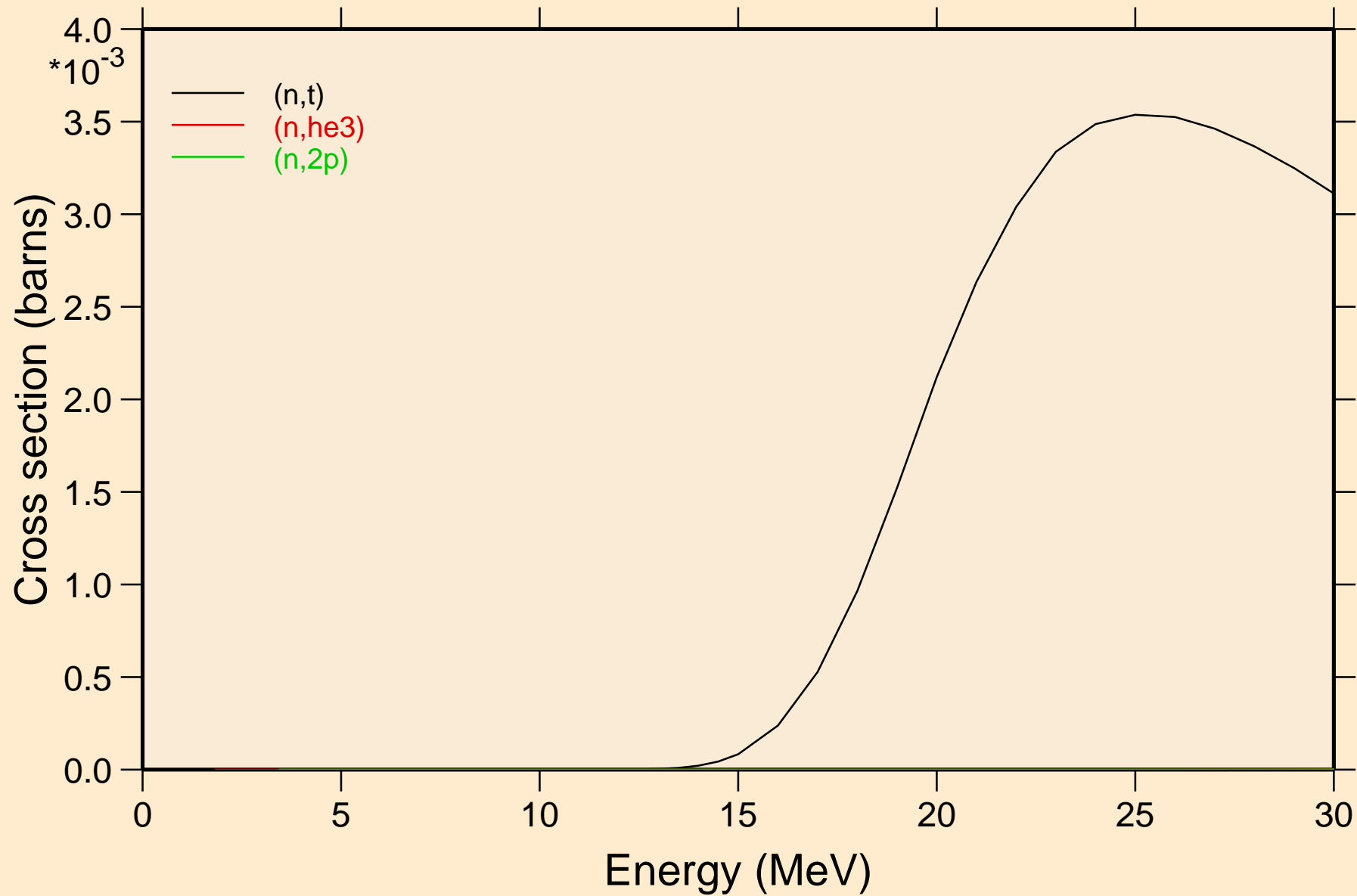
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Threshold reactions



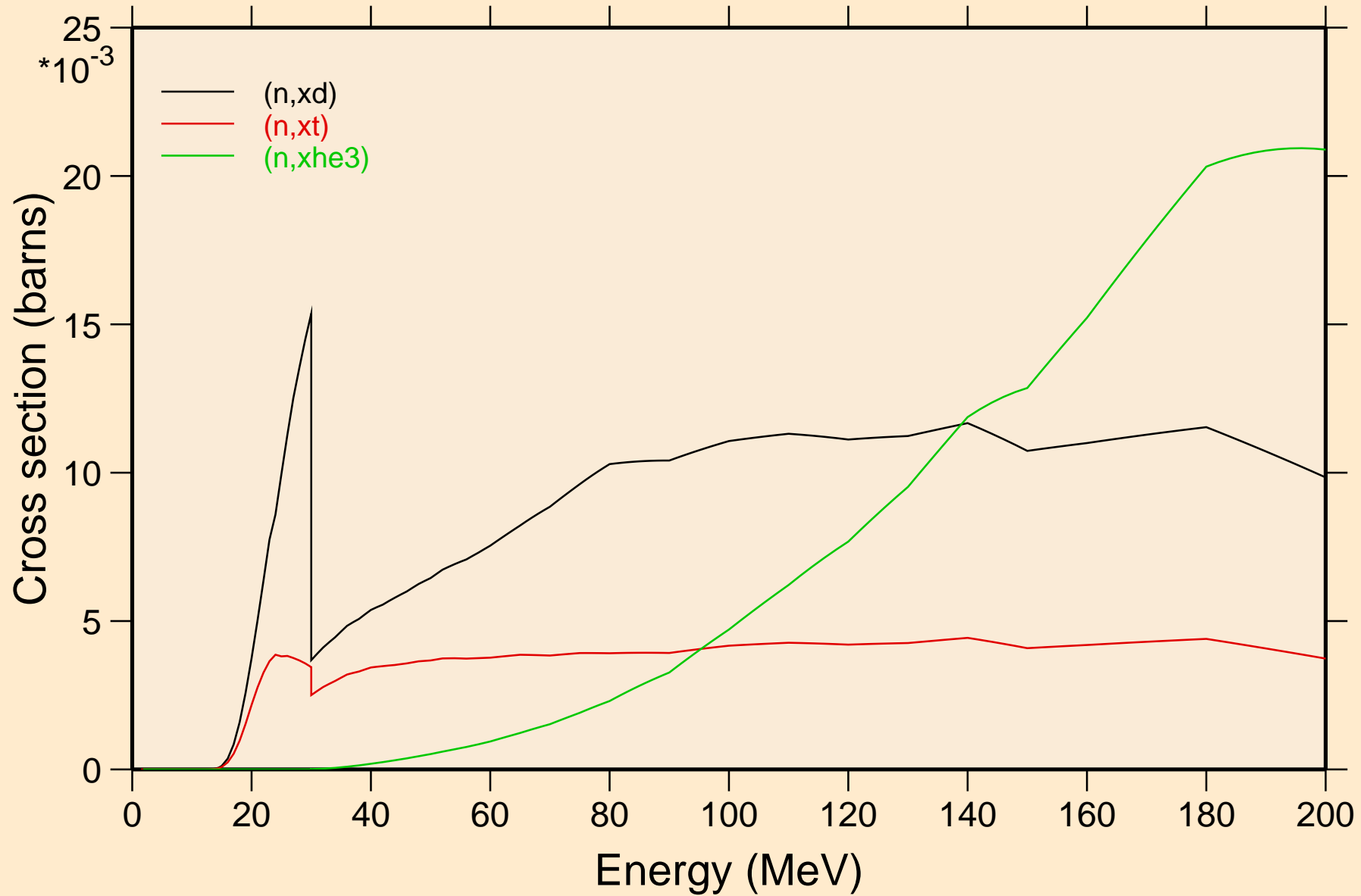
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Threshold reactions

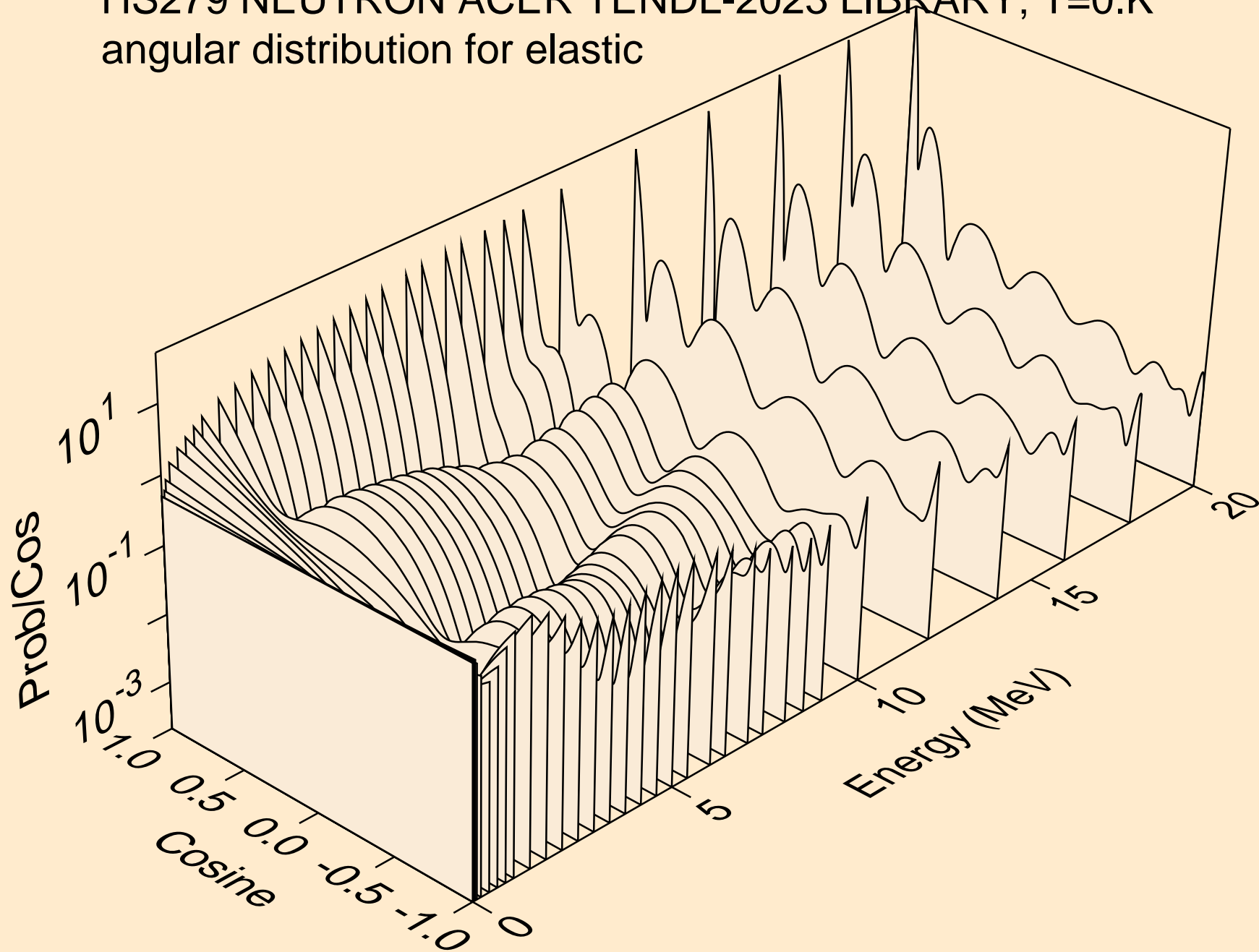


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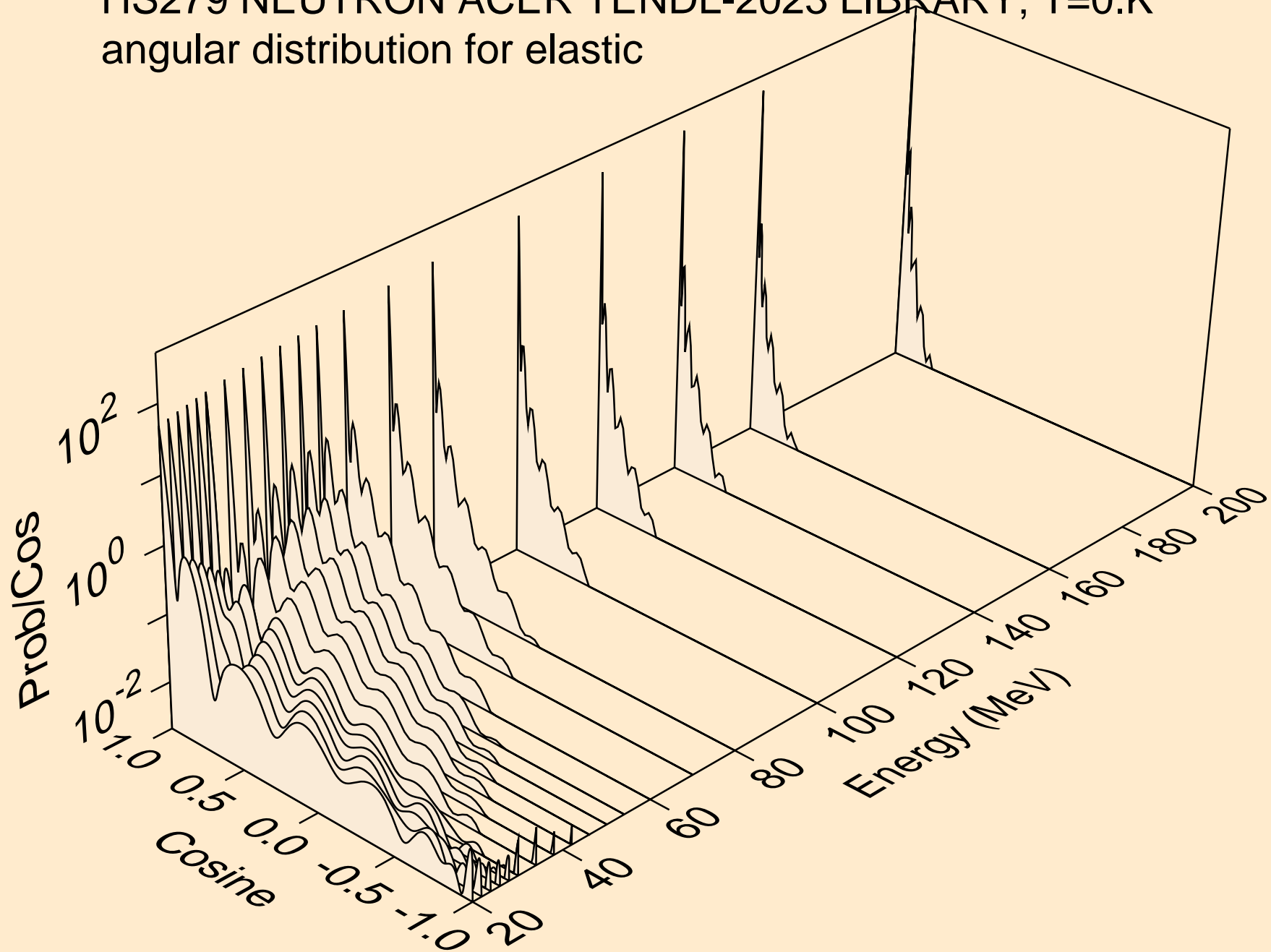
Threshold reactions



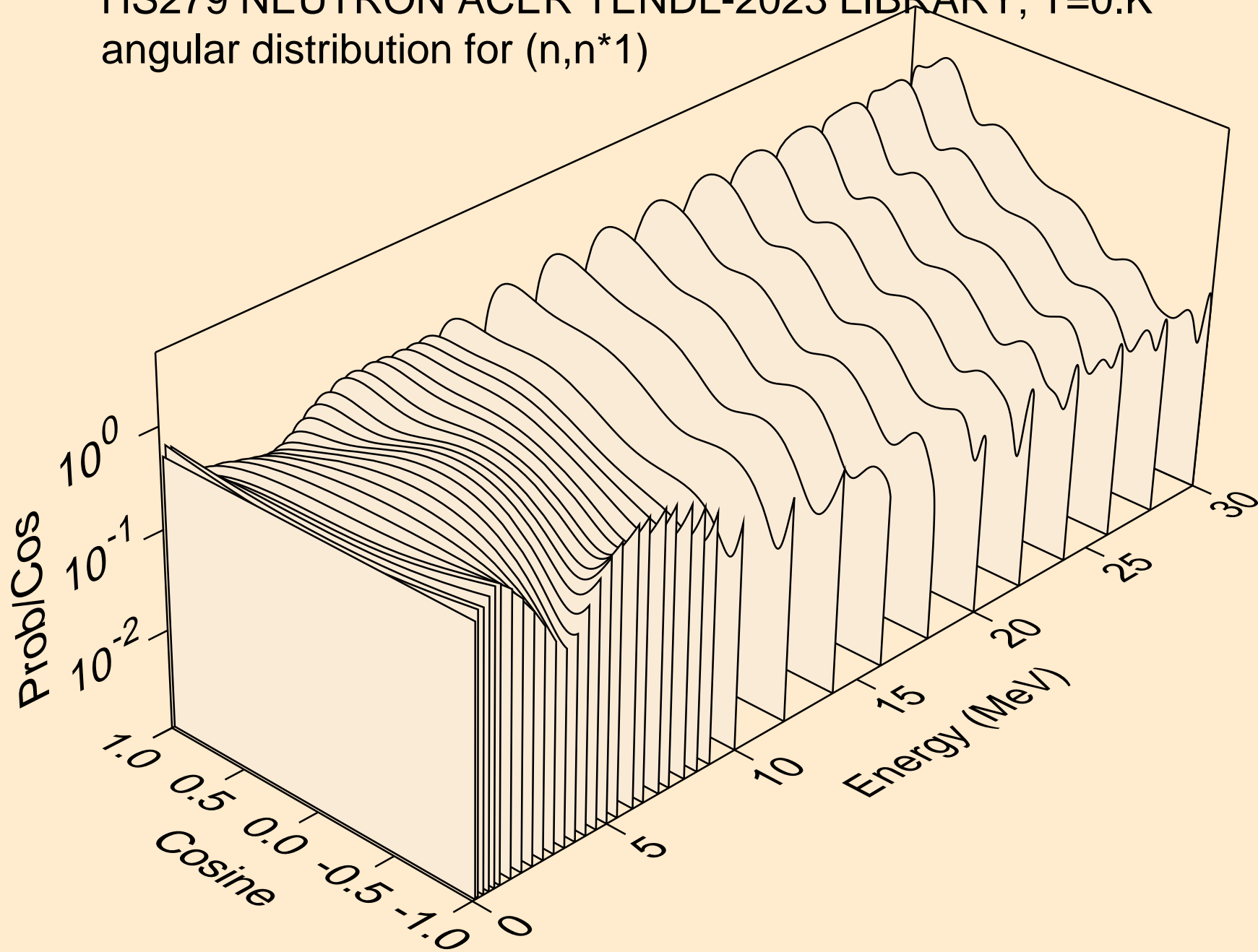
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



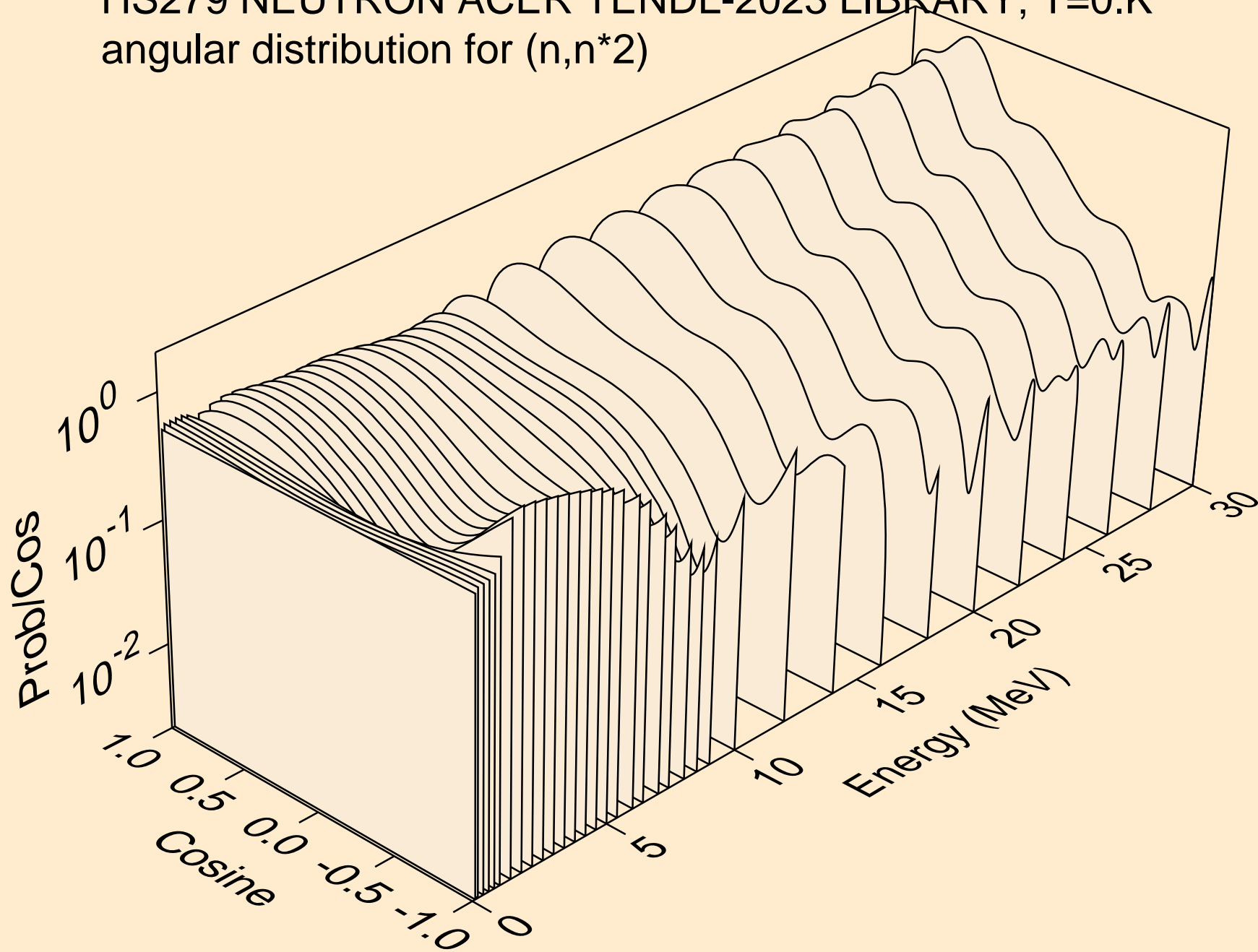
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angular distribution for elastic



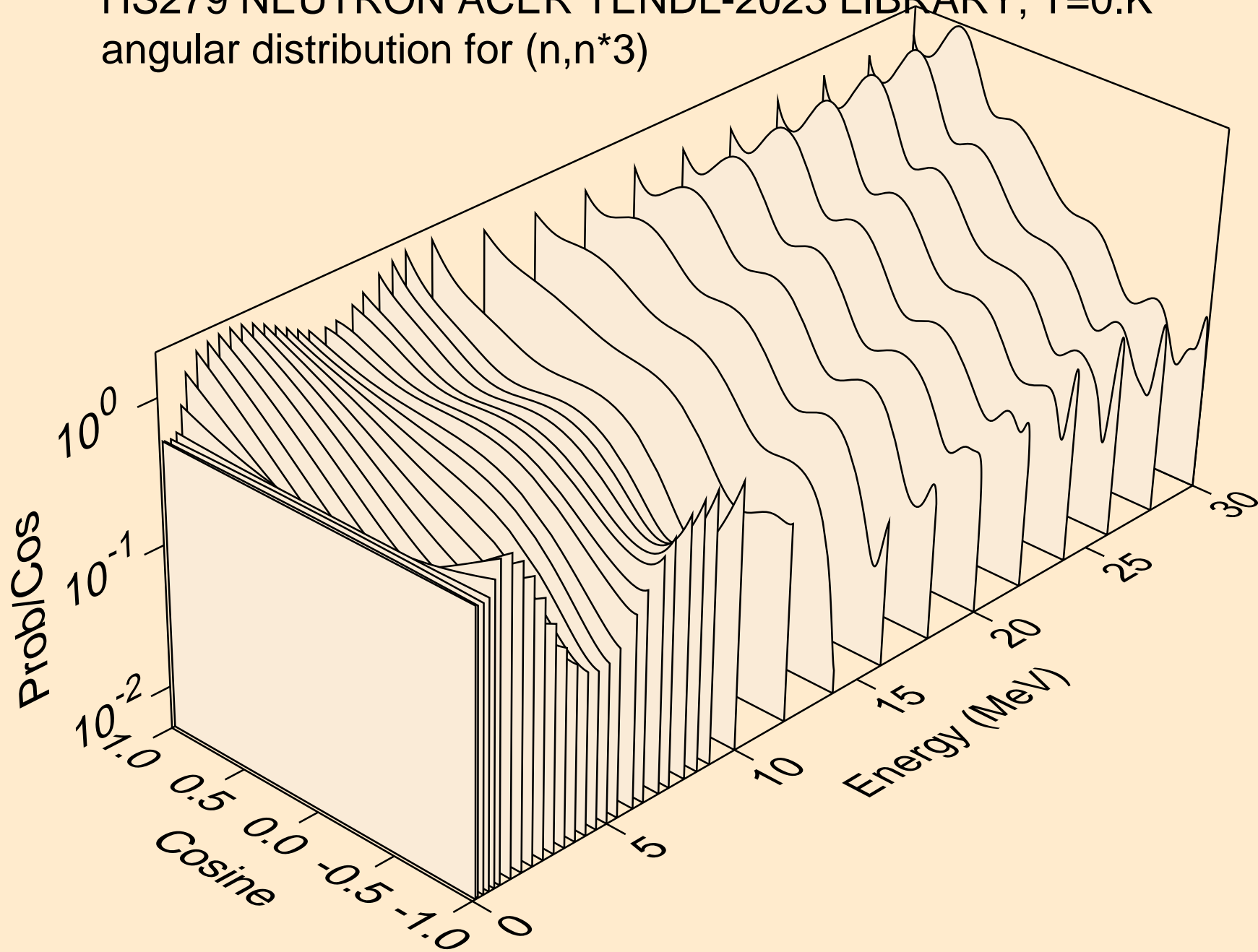
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



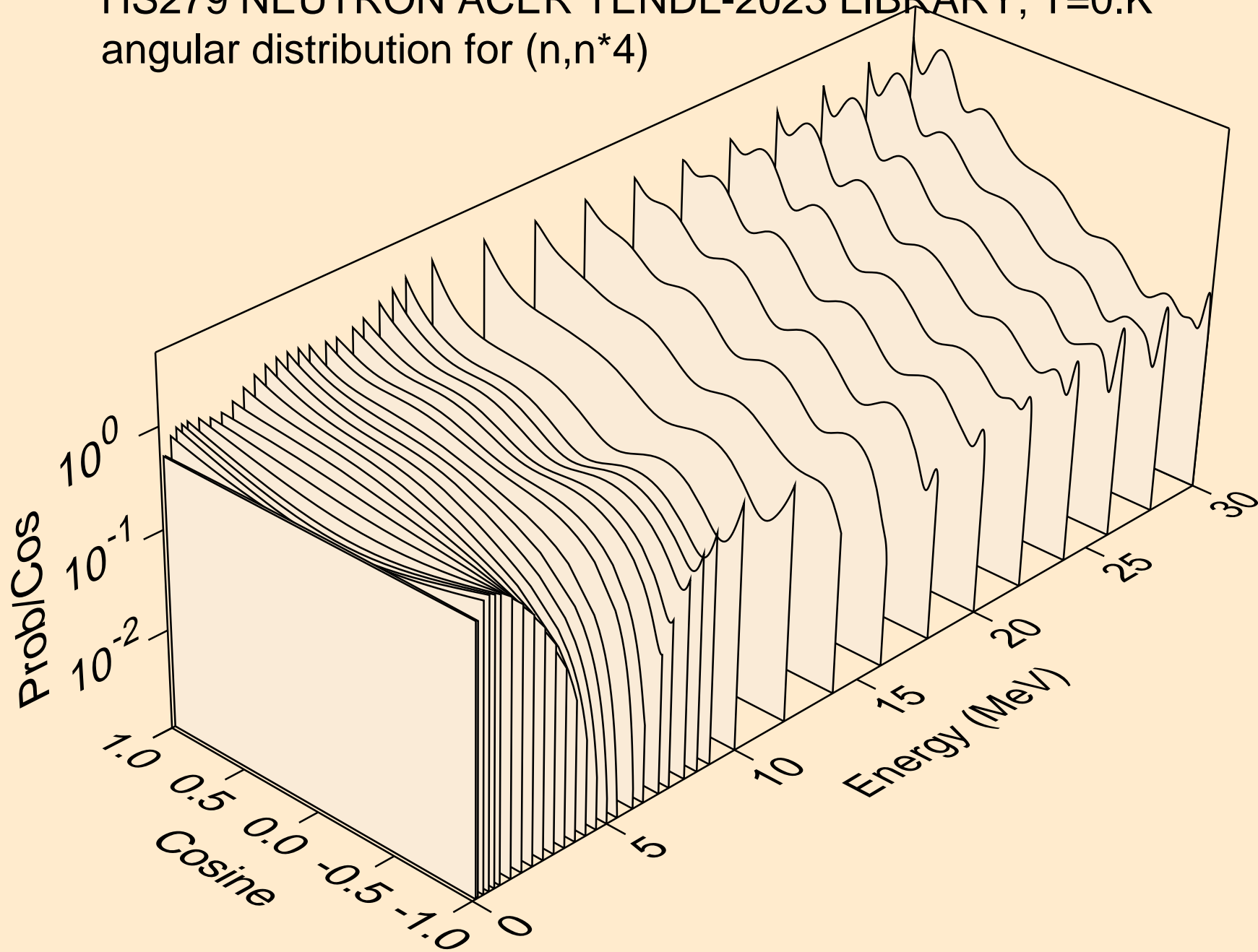
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angular distribution for (n,n*2)



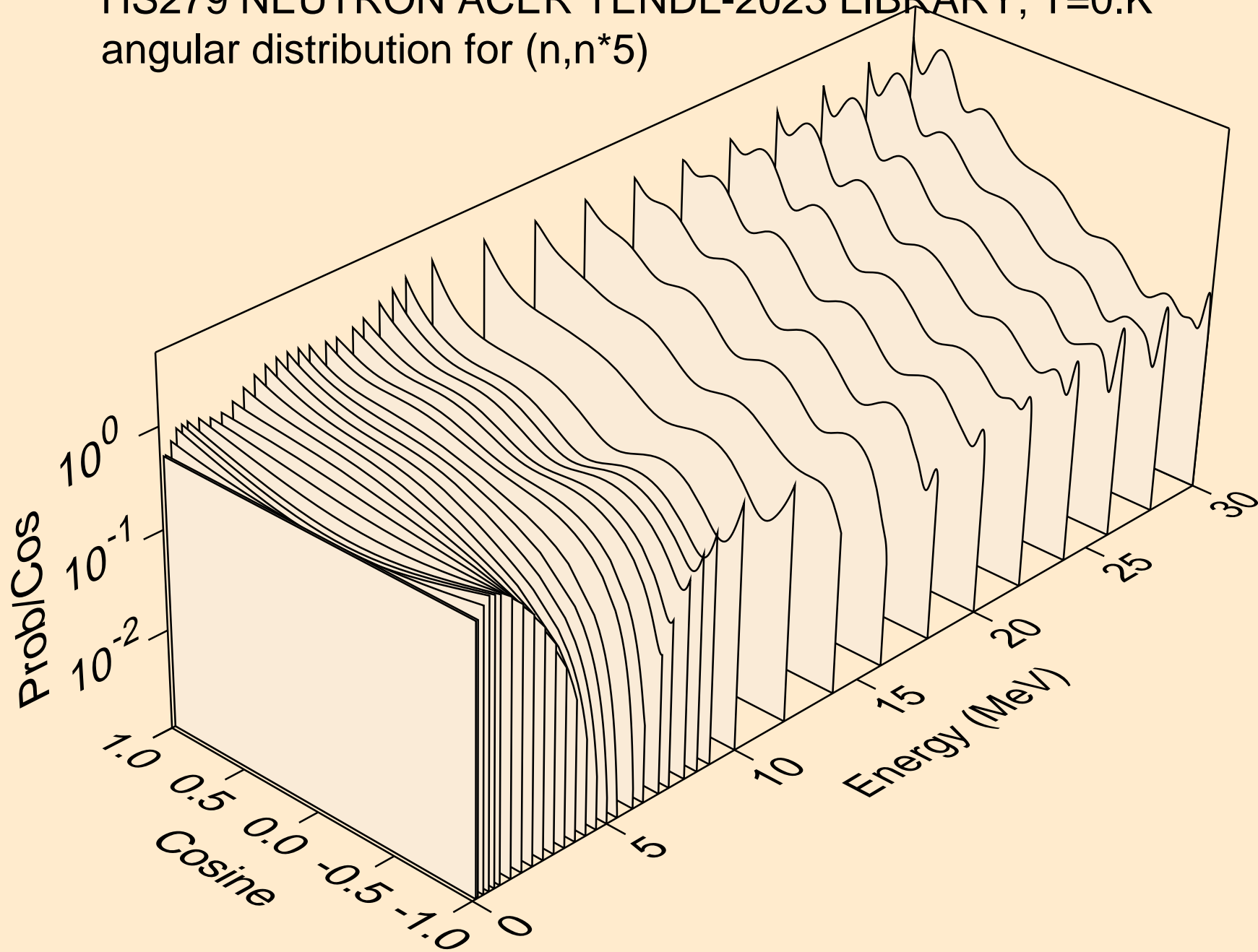
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



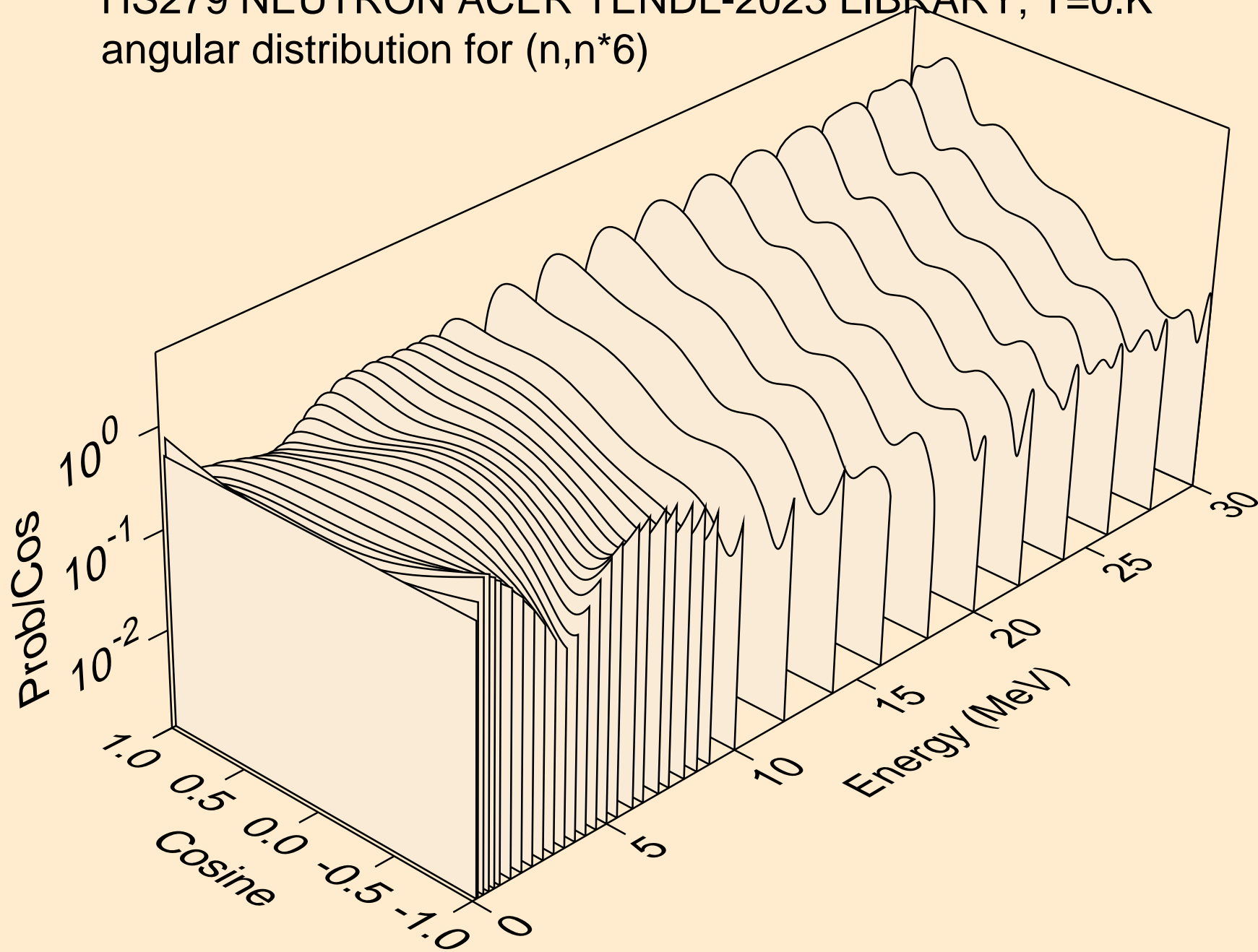
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angular distribution for (n,n*4)



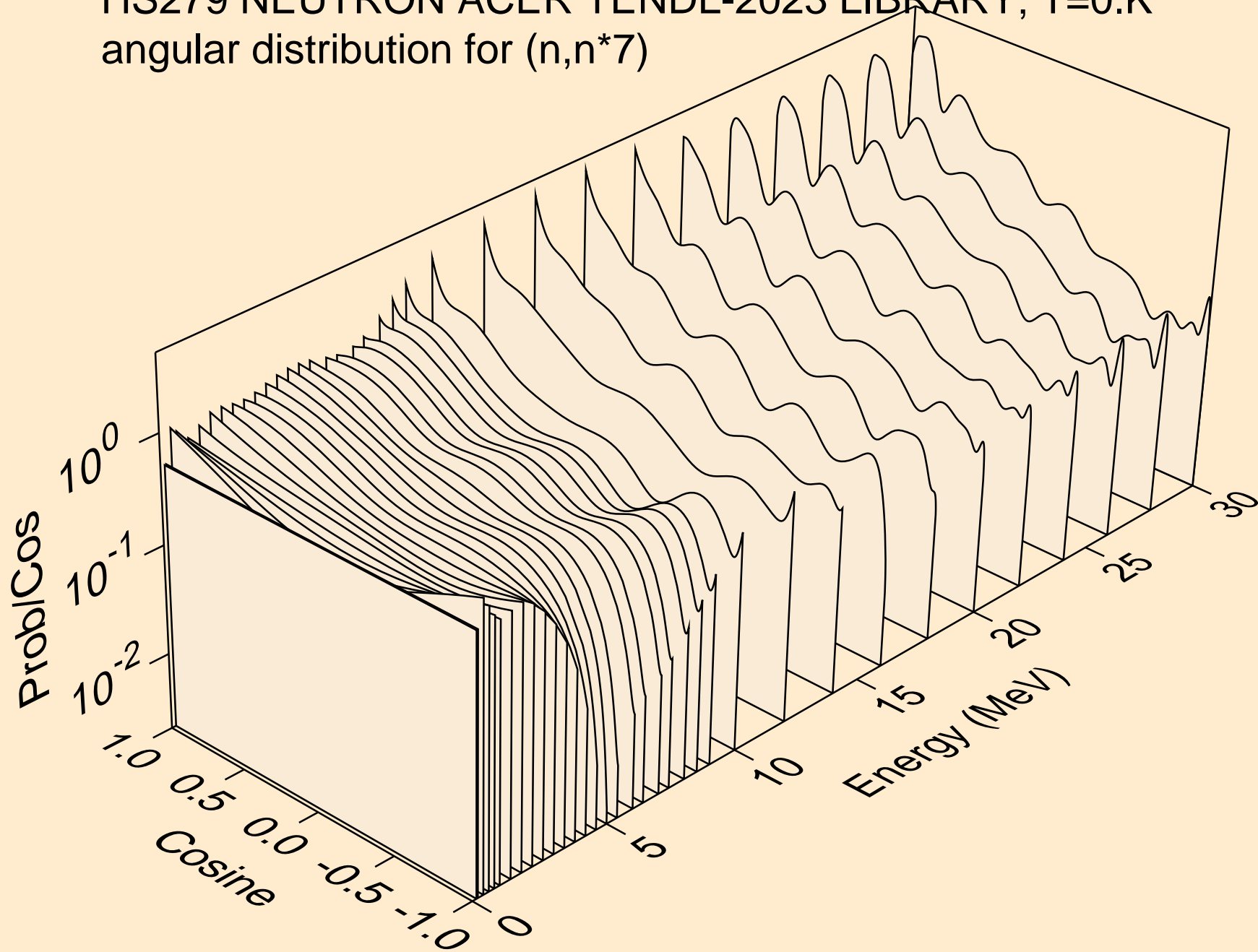
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angular distribution for (n,n*5)



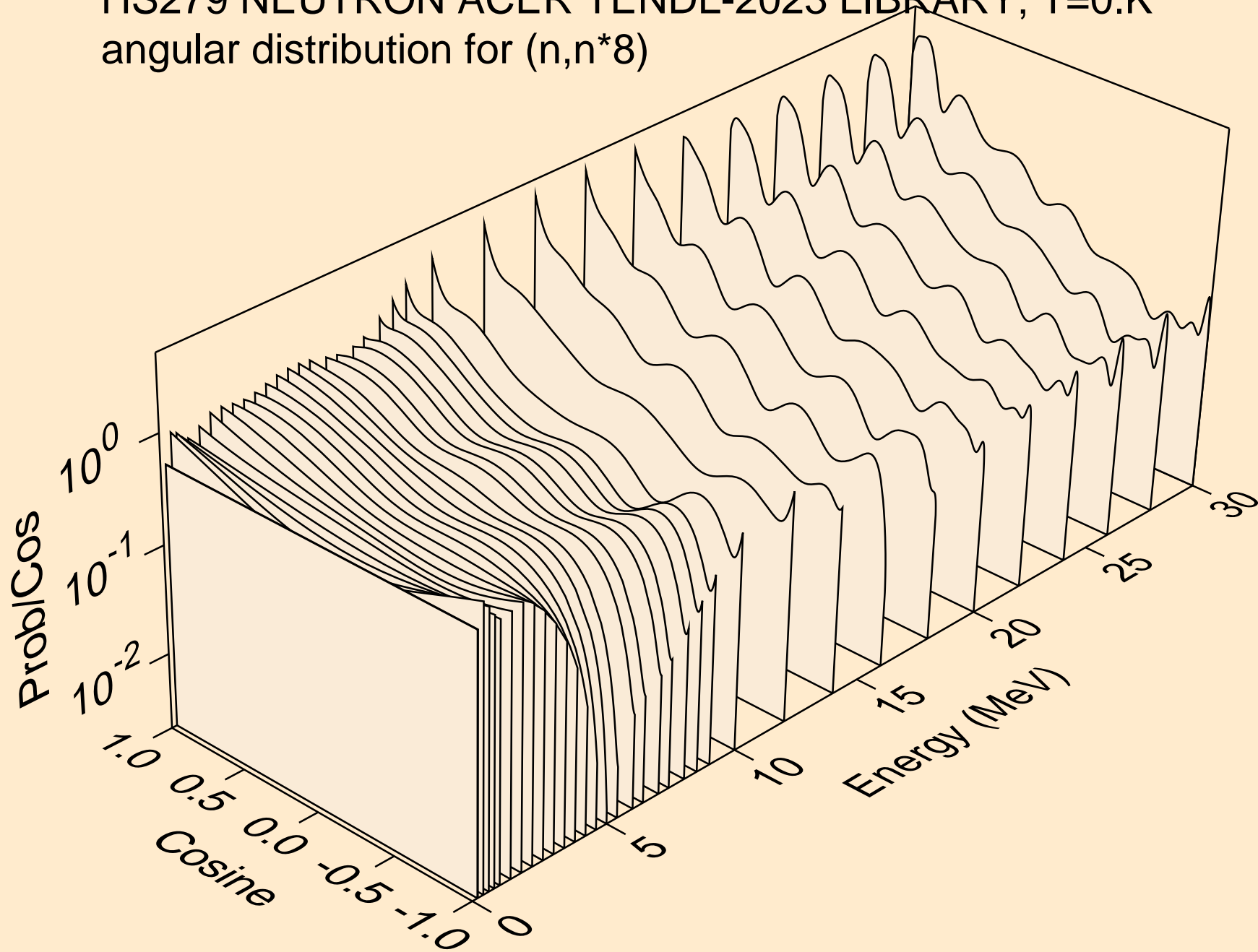
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angular distribution for (n,n*6)



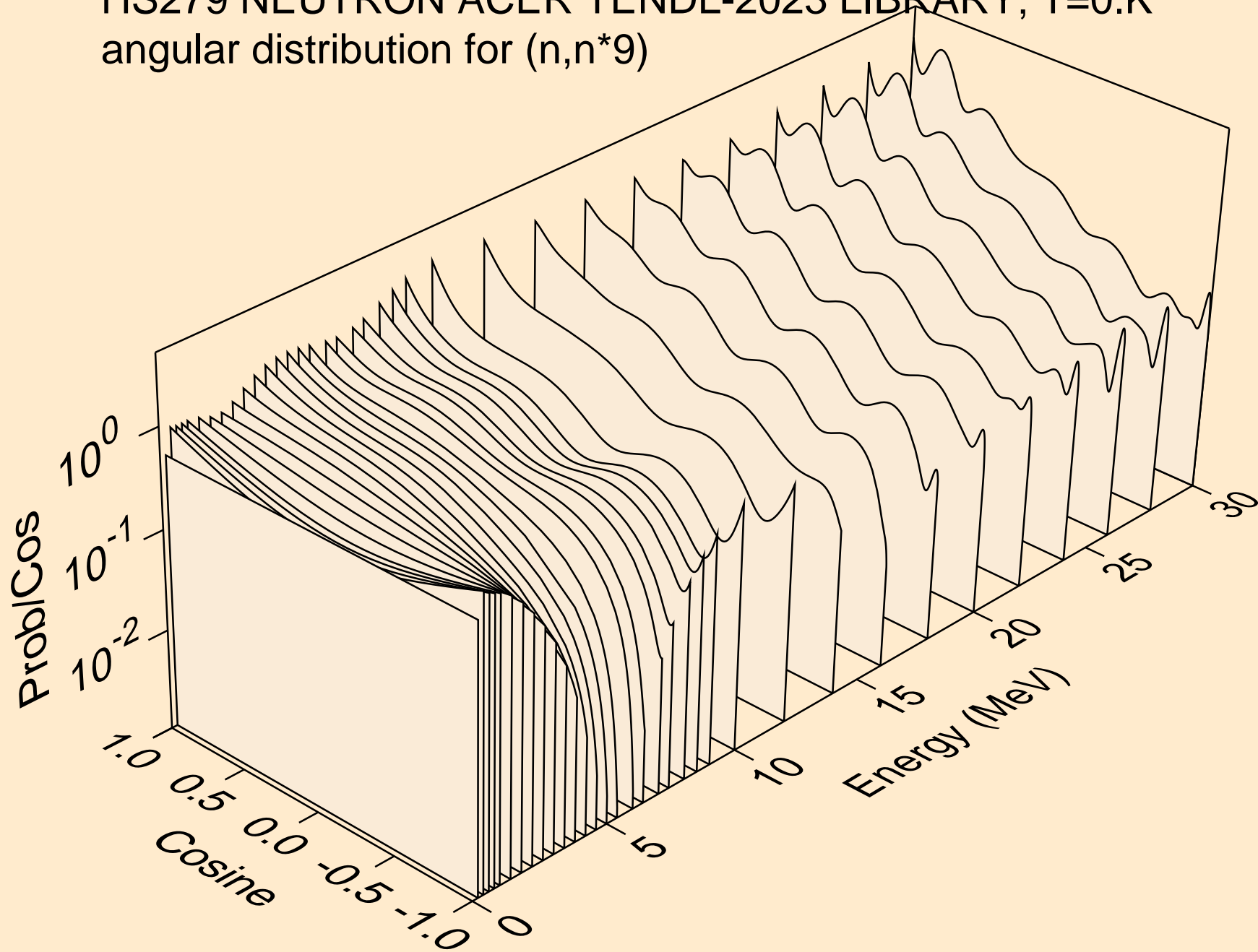
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angular distribution for (n,n*7)



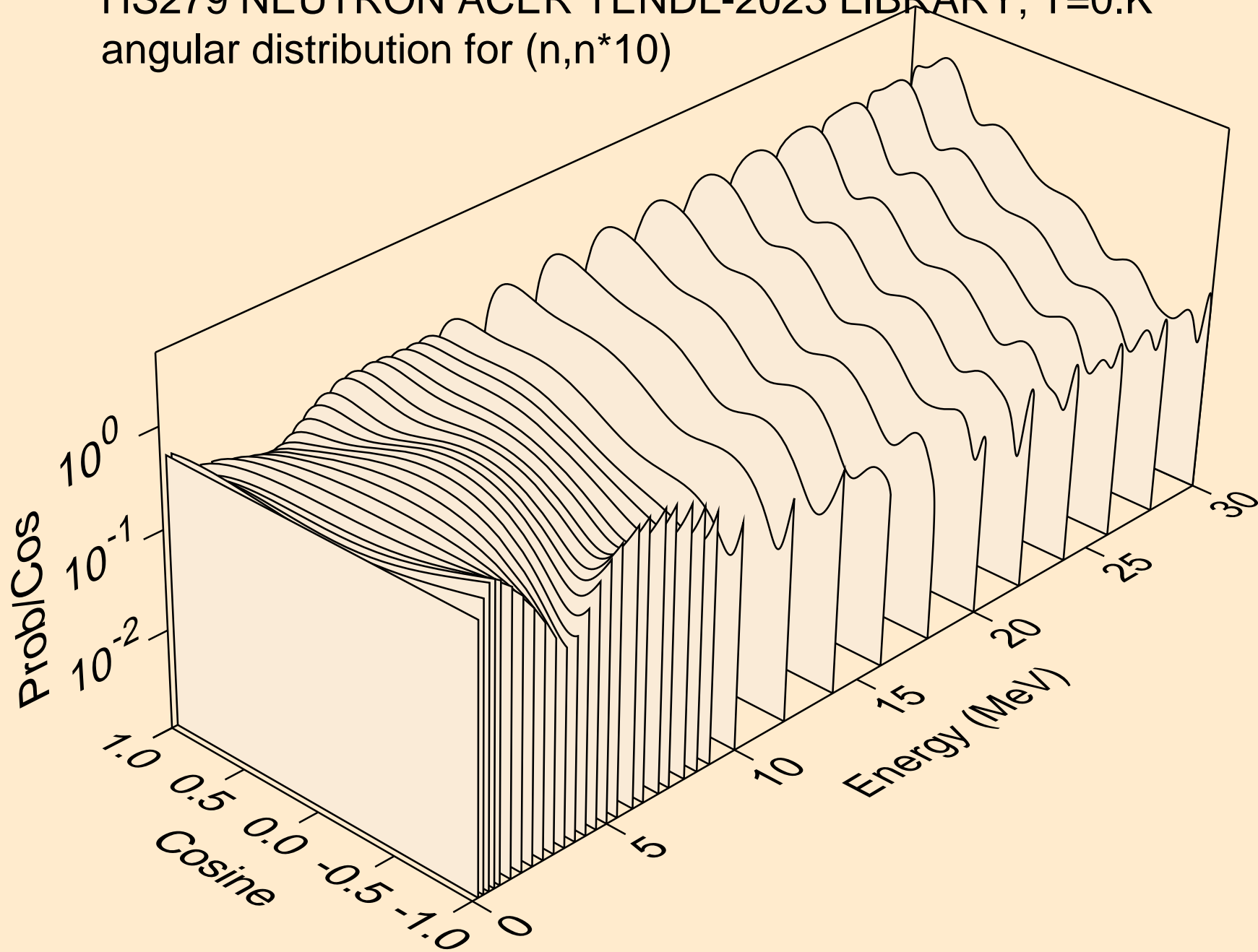
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angular distribution for (n,n*8)



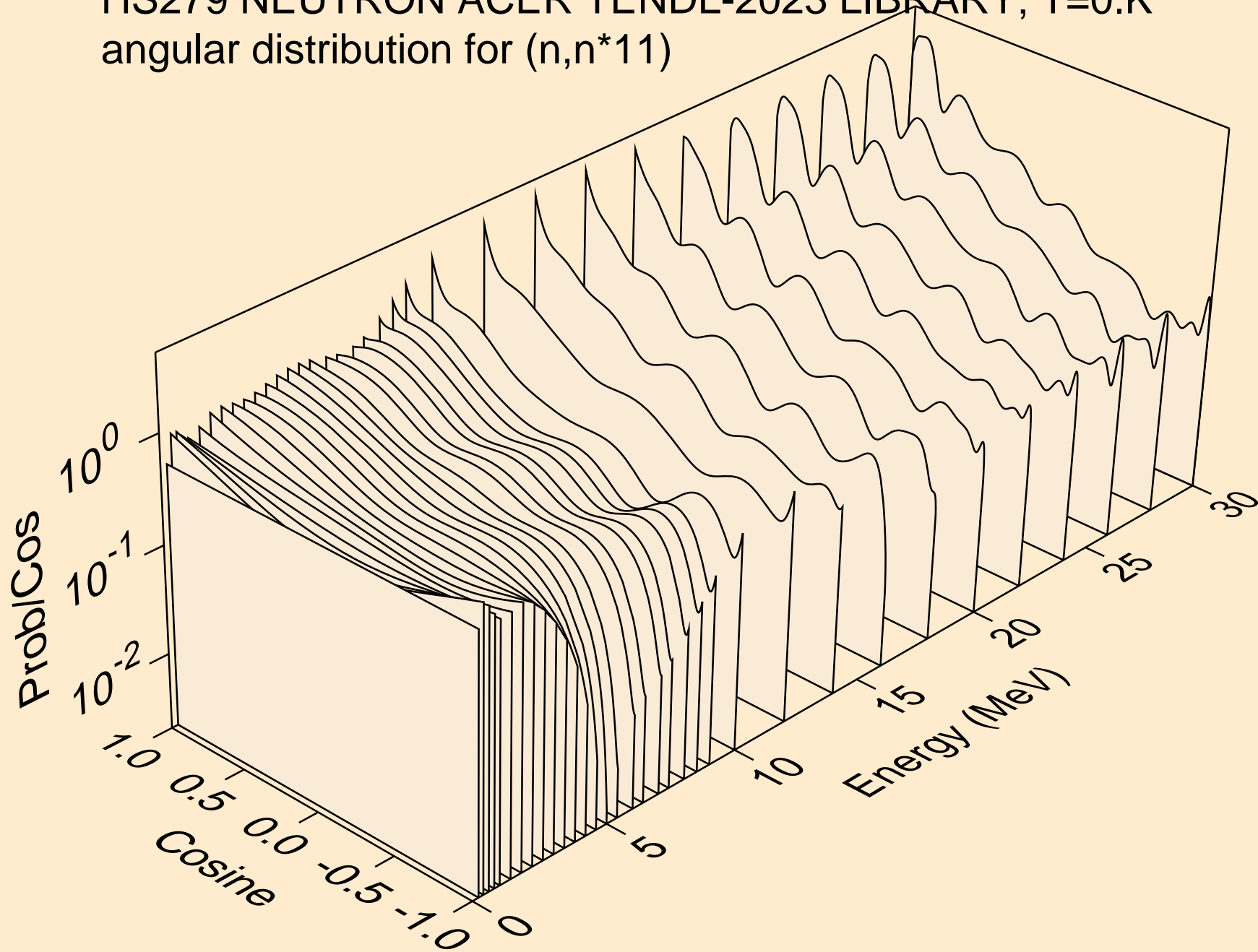
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angular distribution for (n,n*9)



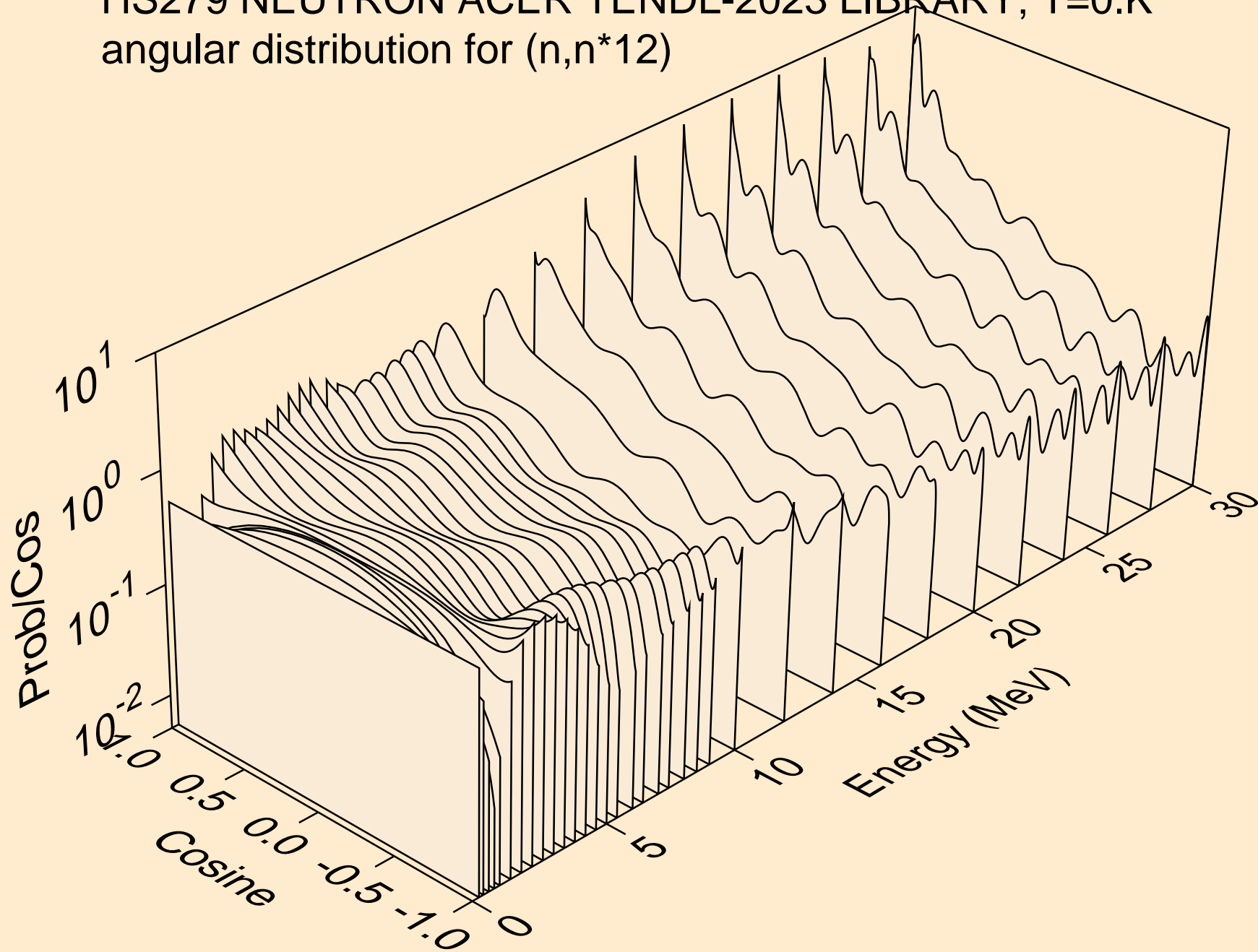
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)

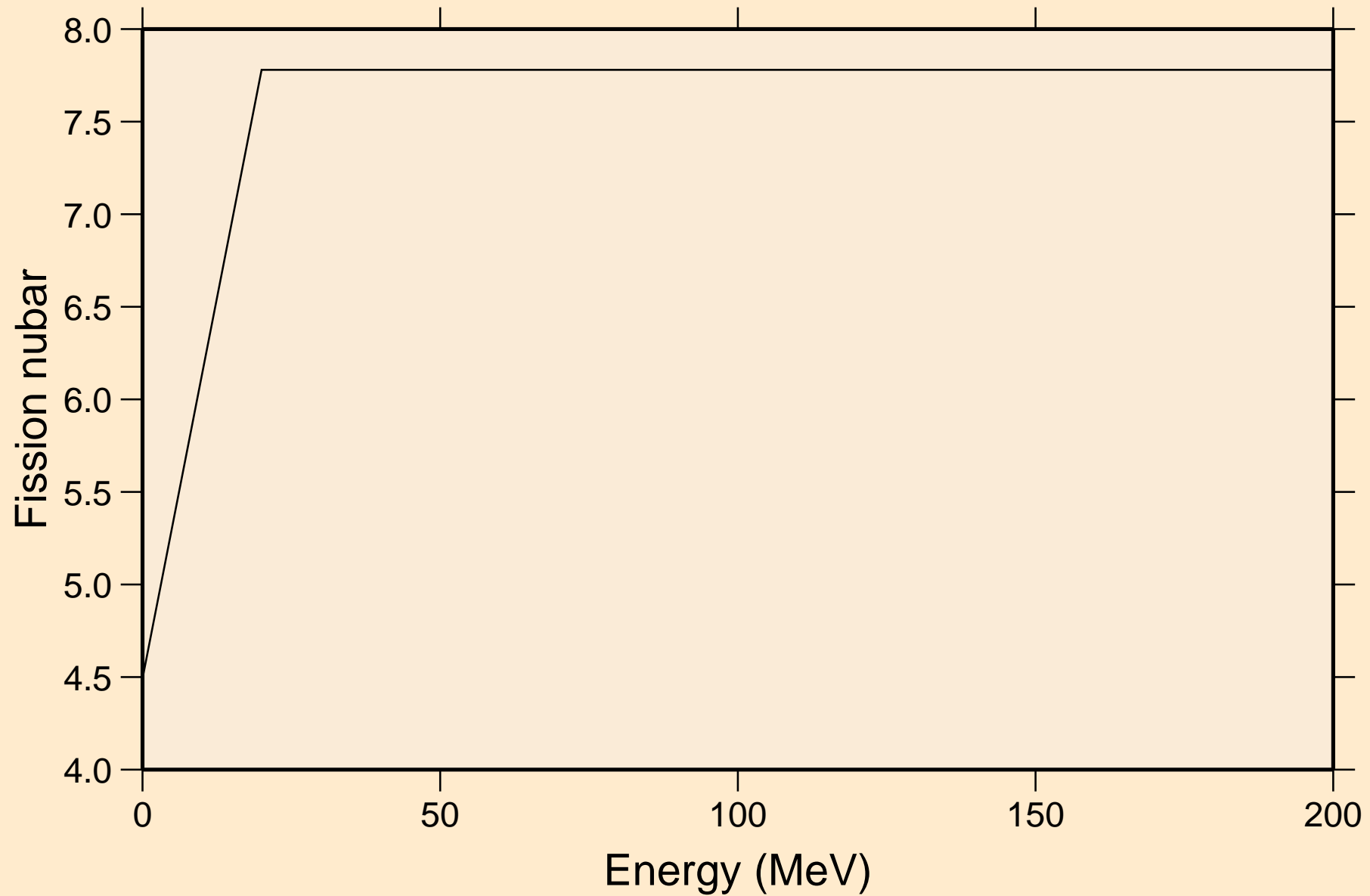


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angular distribution for (n,n*12)

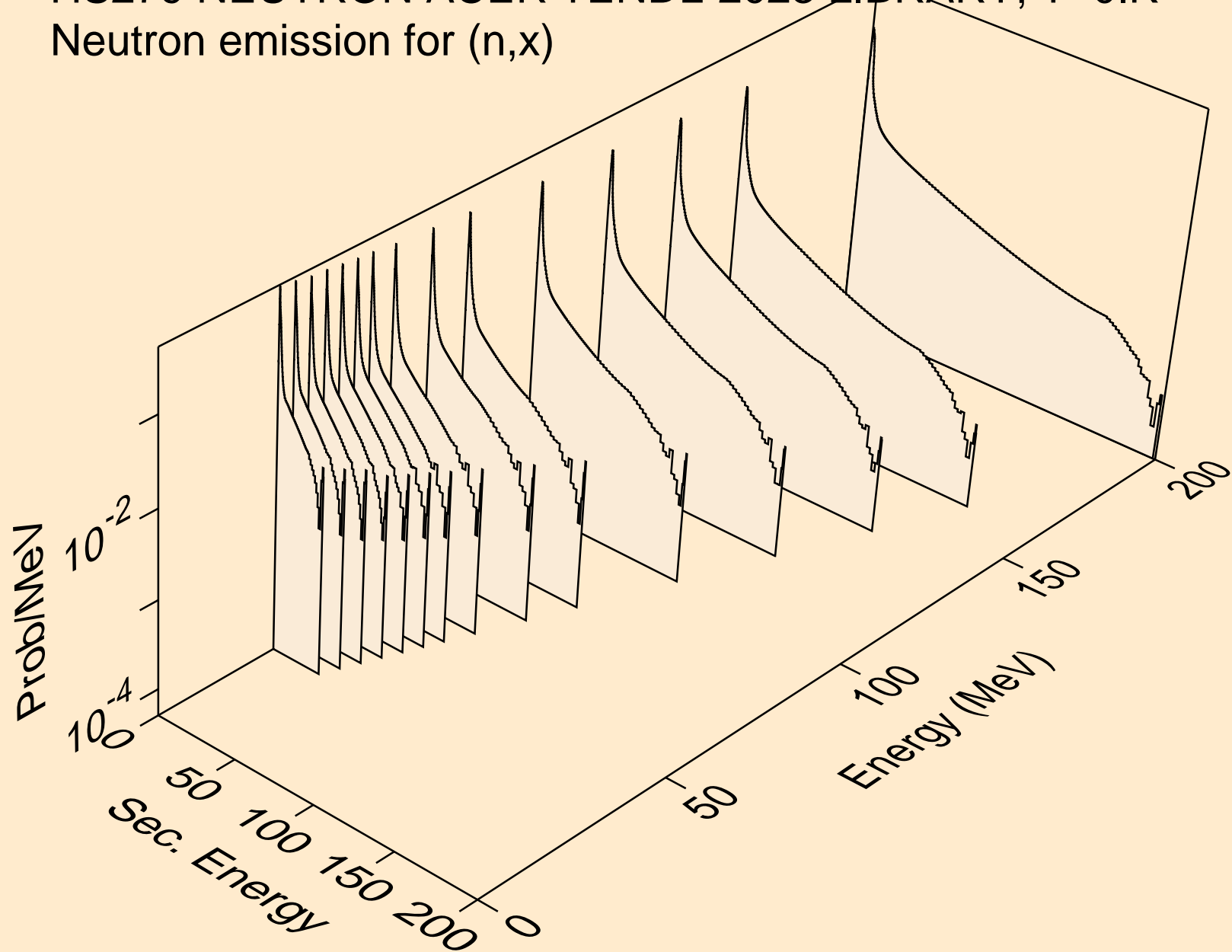


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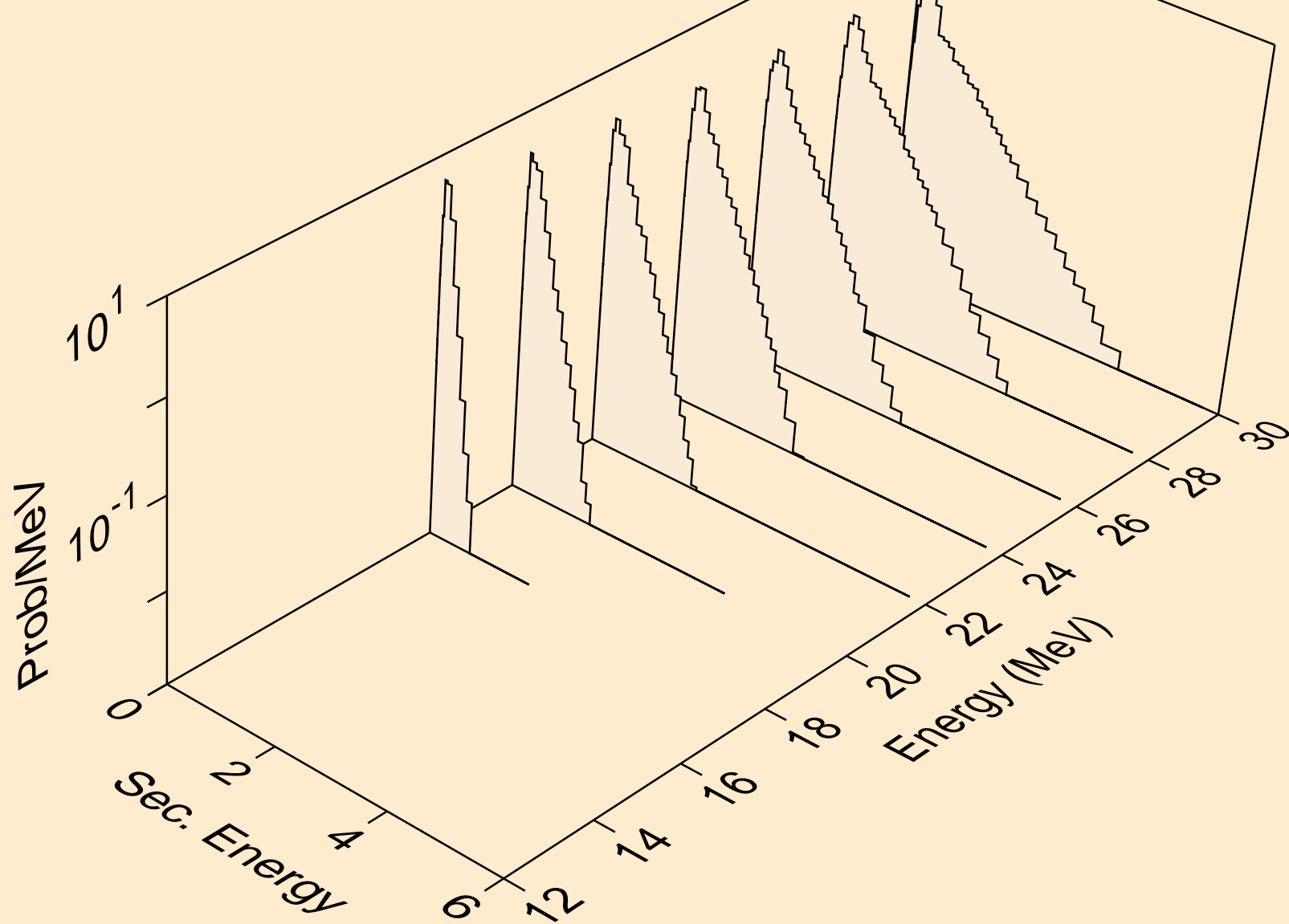
Total fission nubar



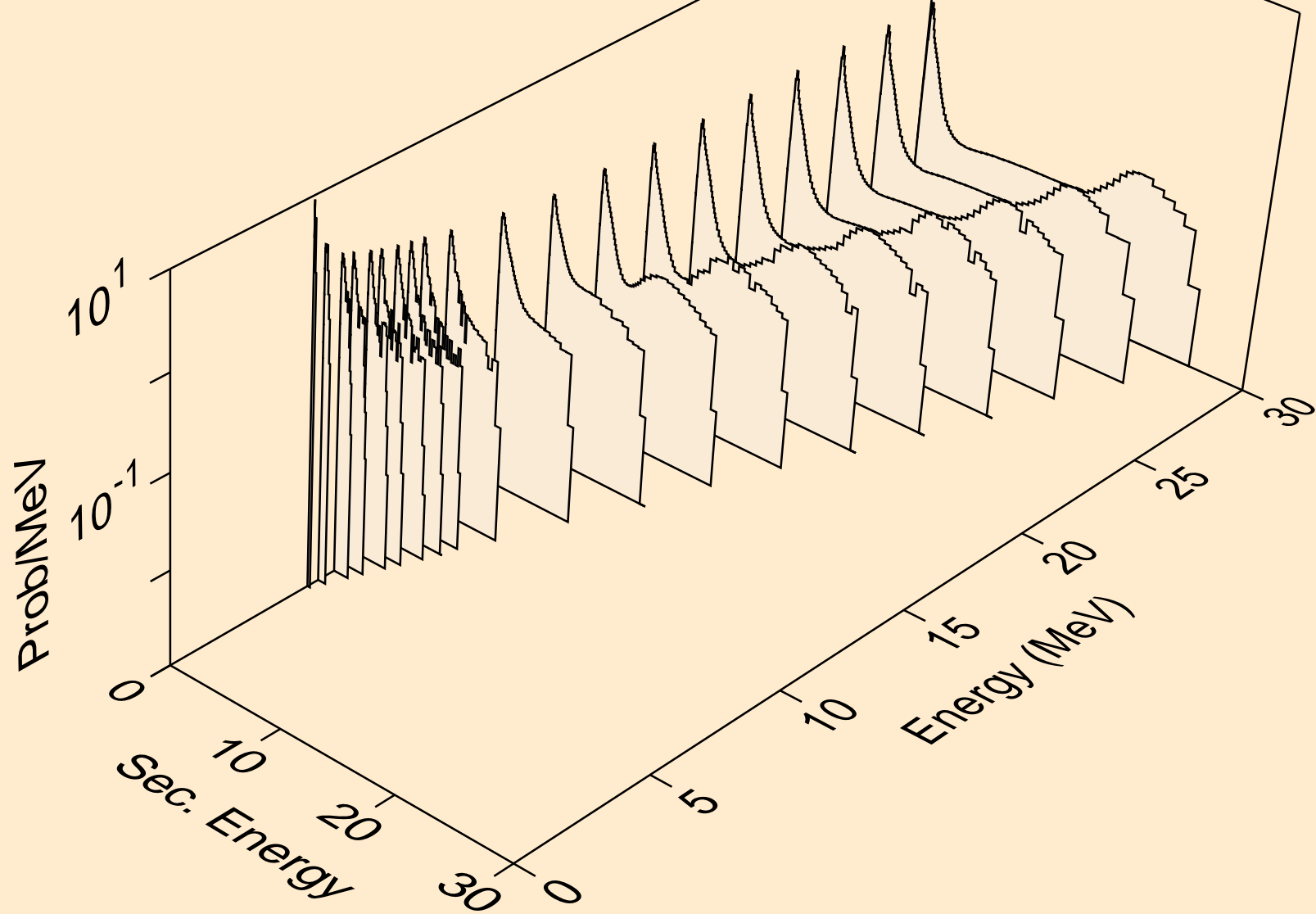
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



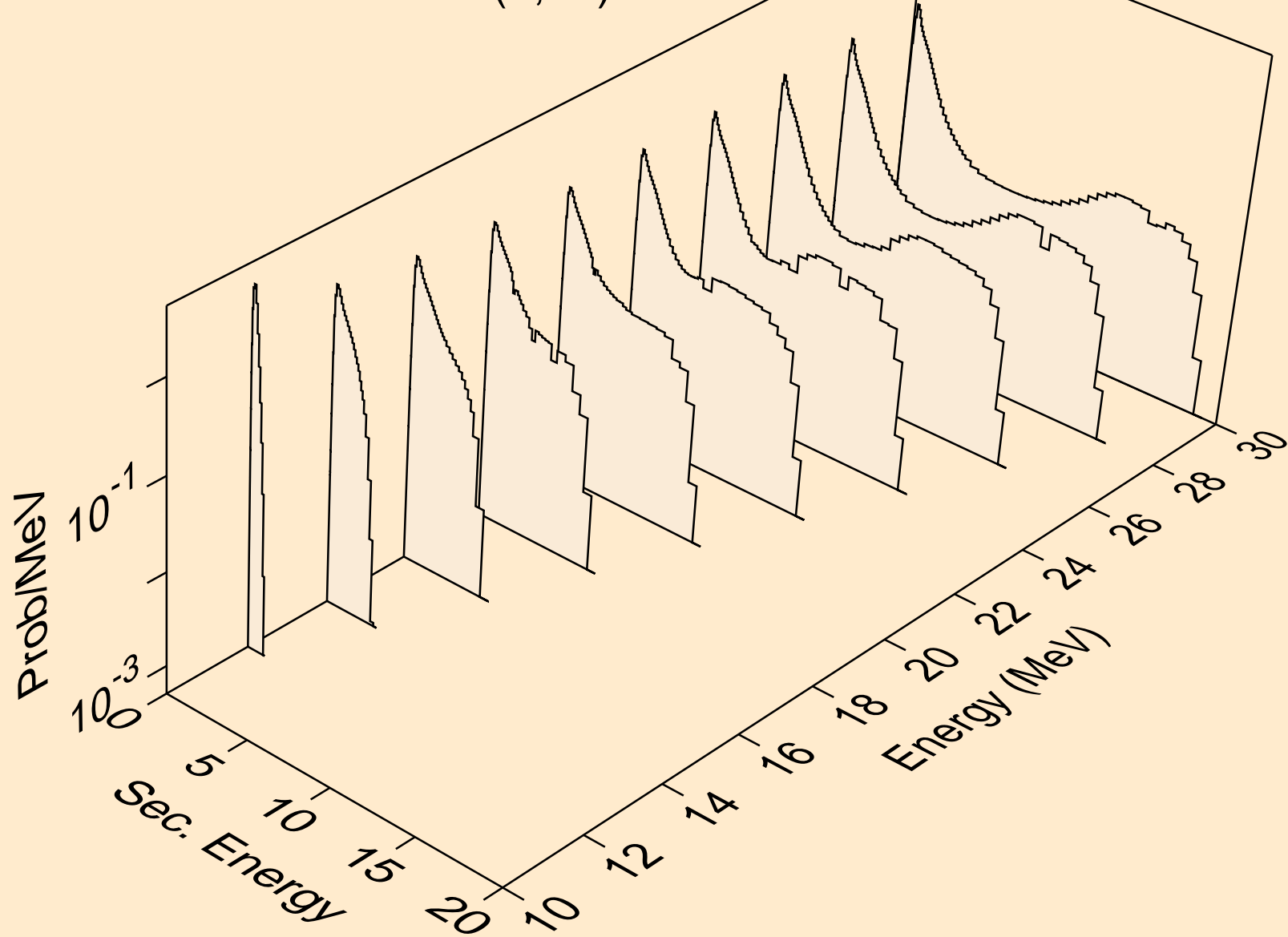
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



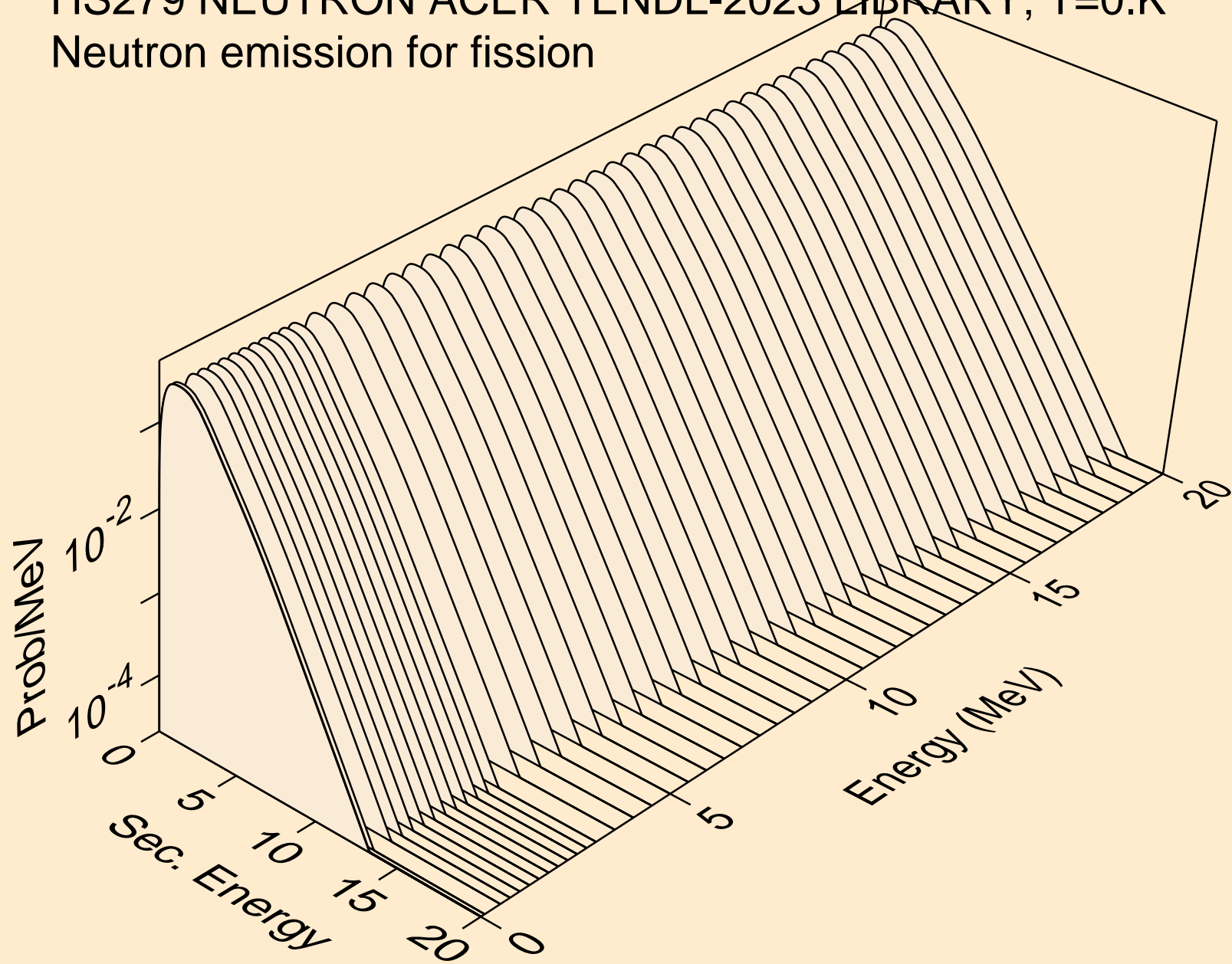
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Neutron emission for (n,2n)



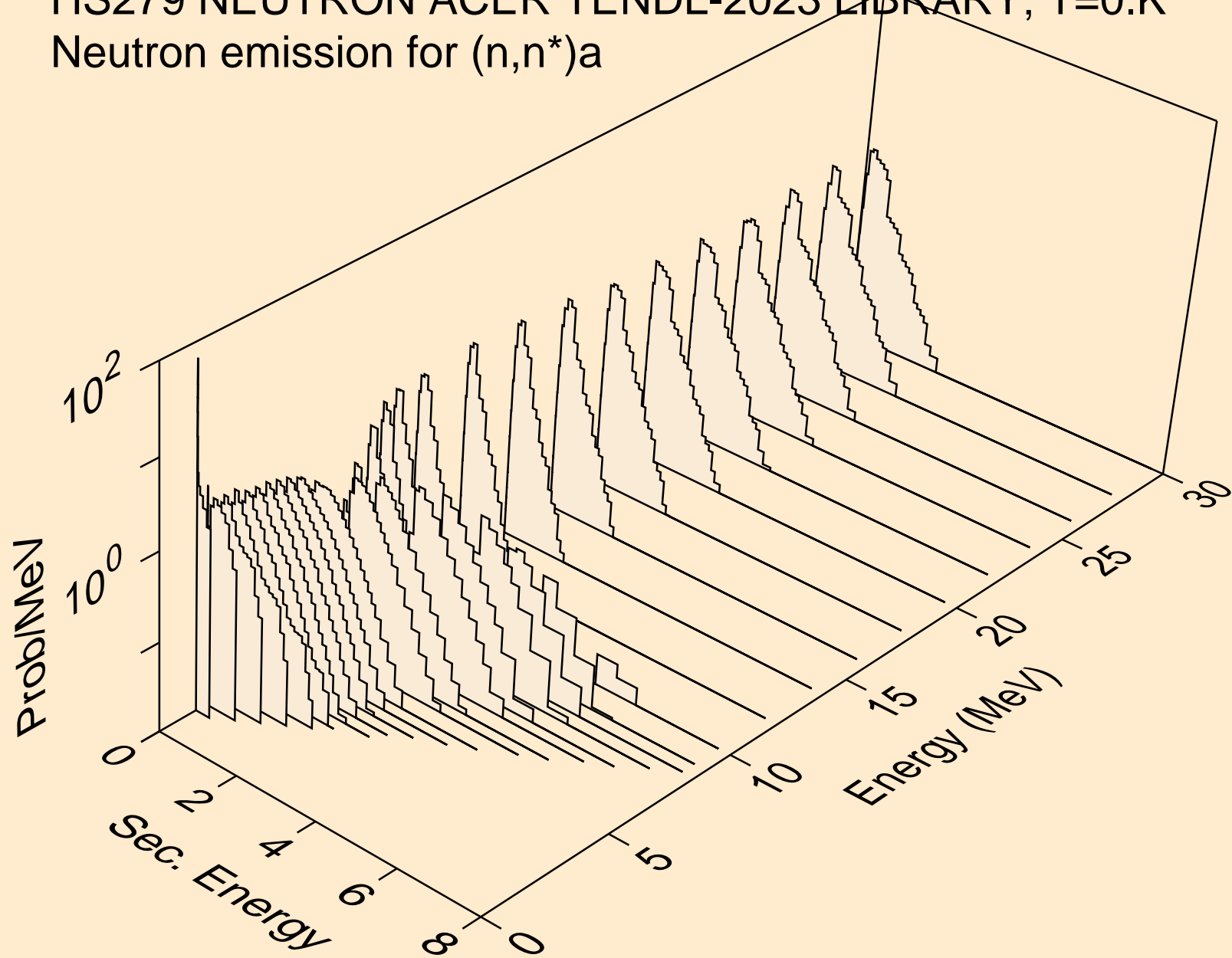
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Neutron emission for (n,3n)



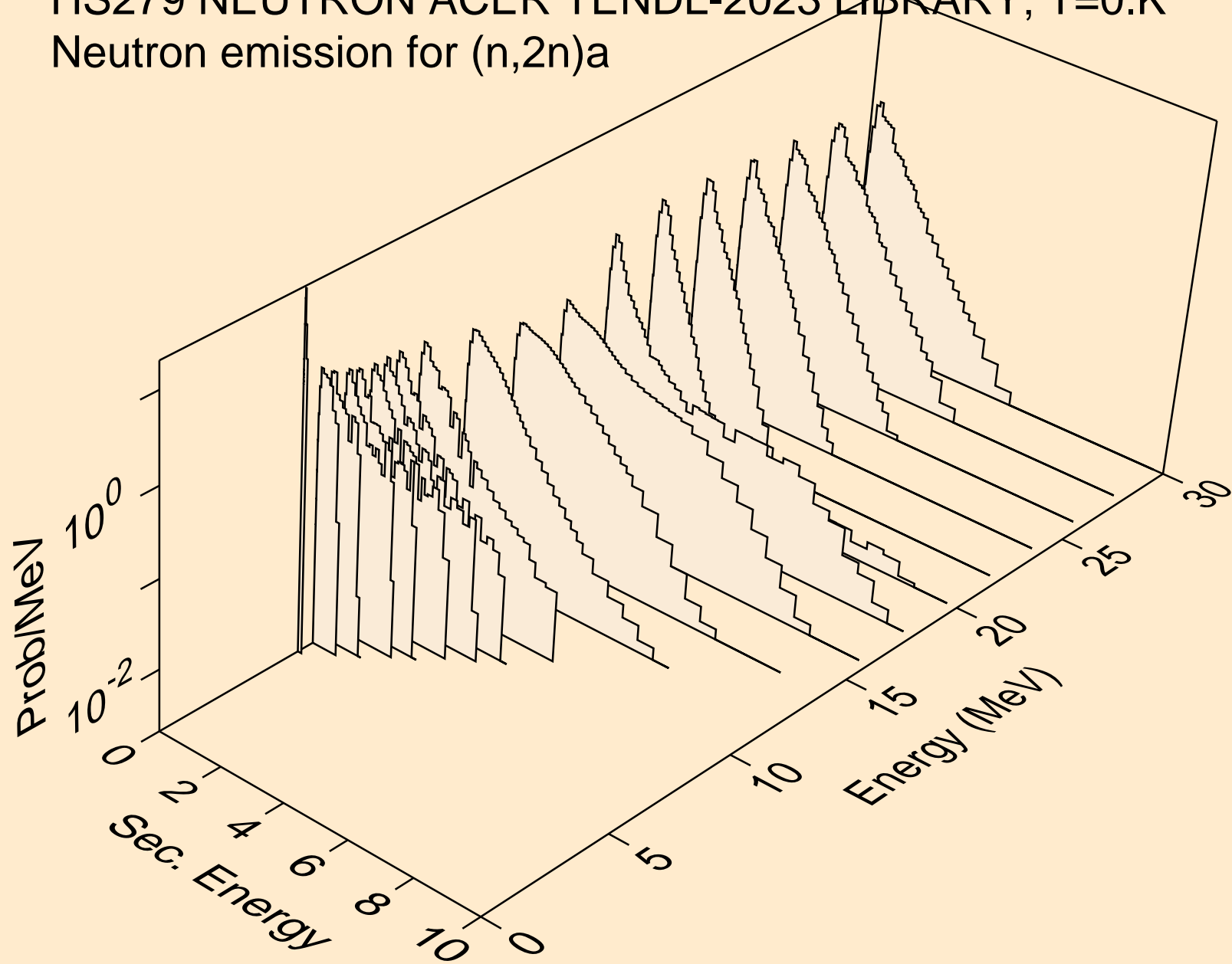
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



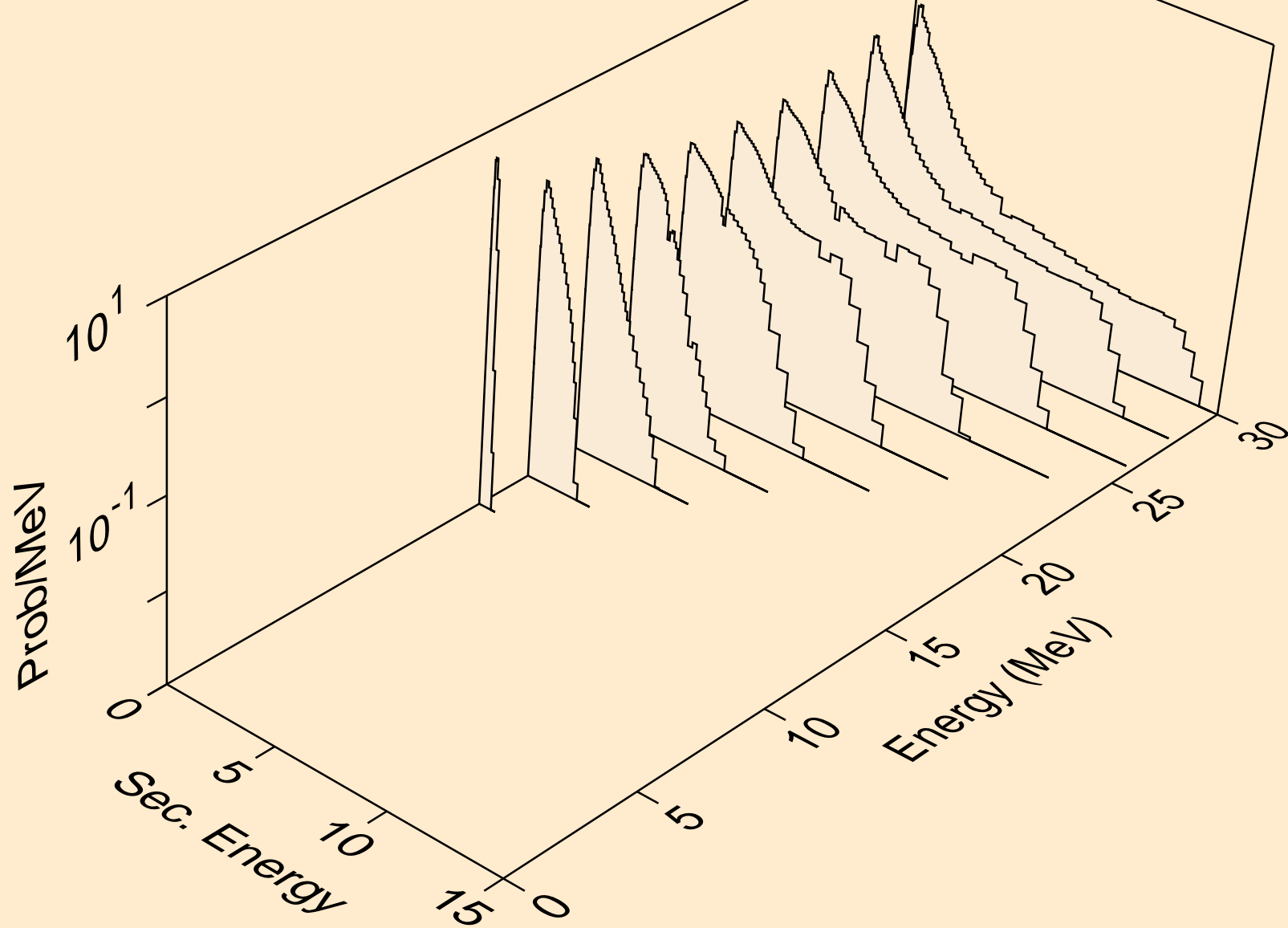
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



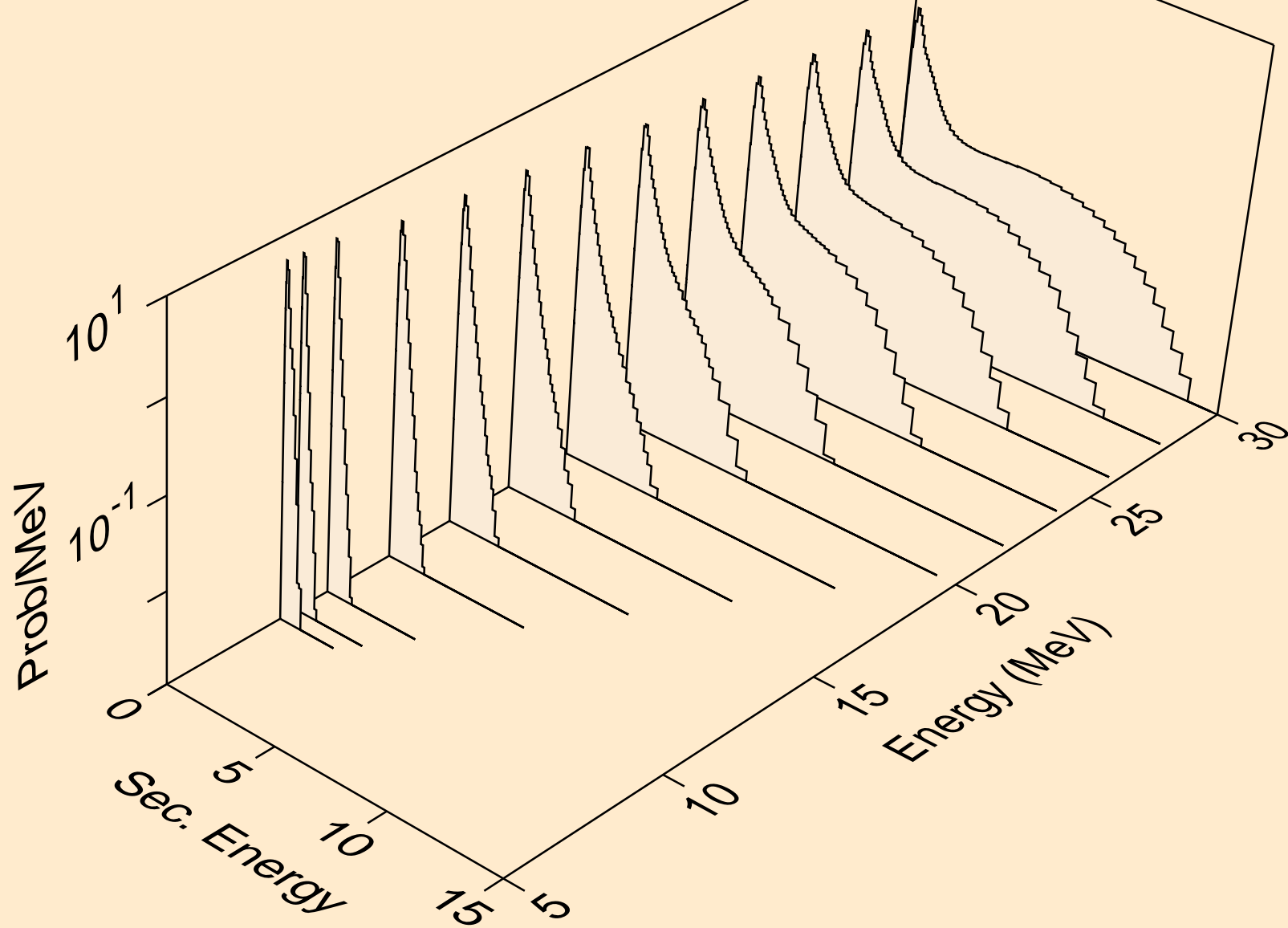
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Neutron emission for (n,2n)a



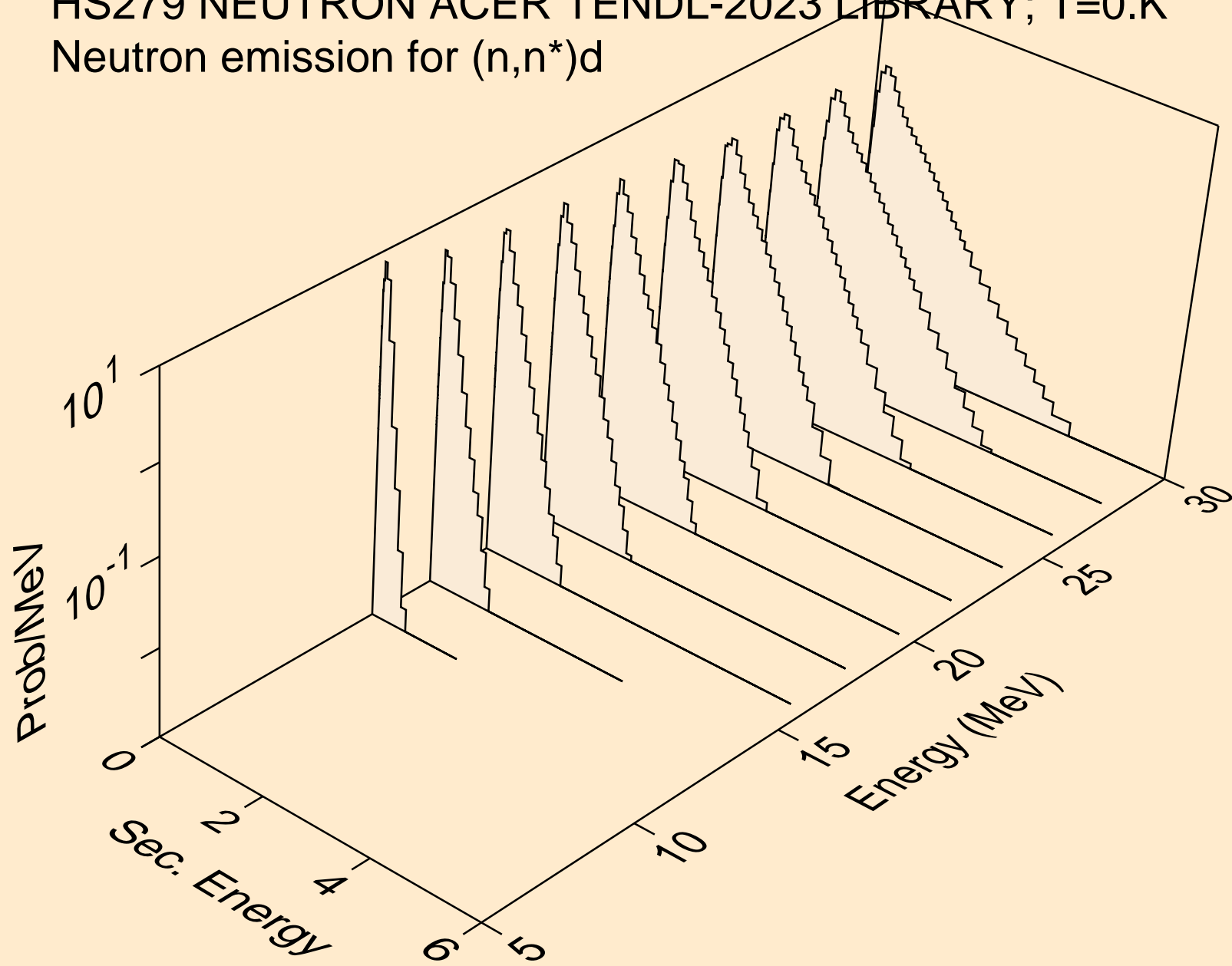
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Neutron emission for (n,3n)a



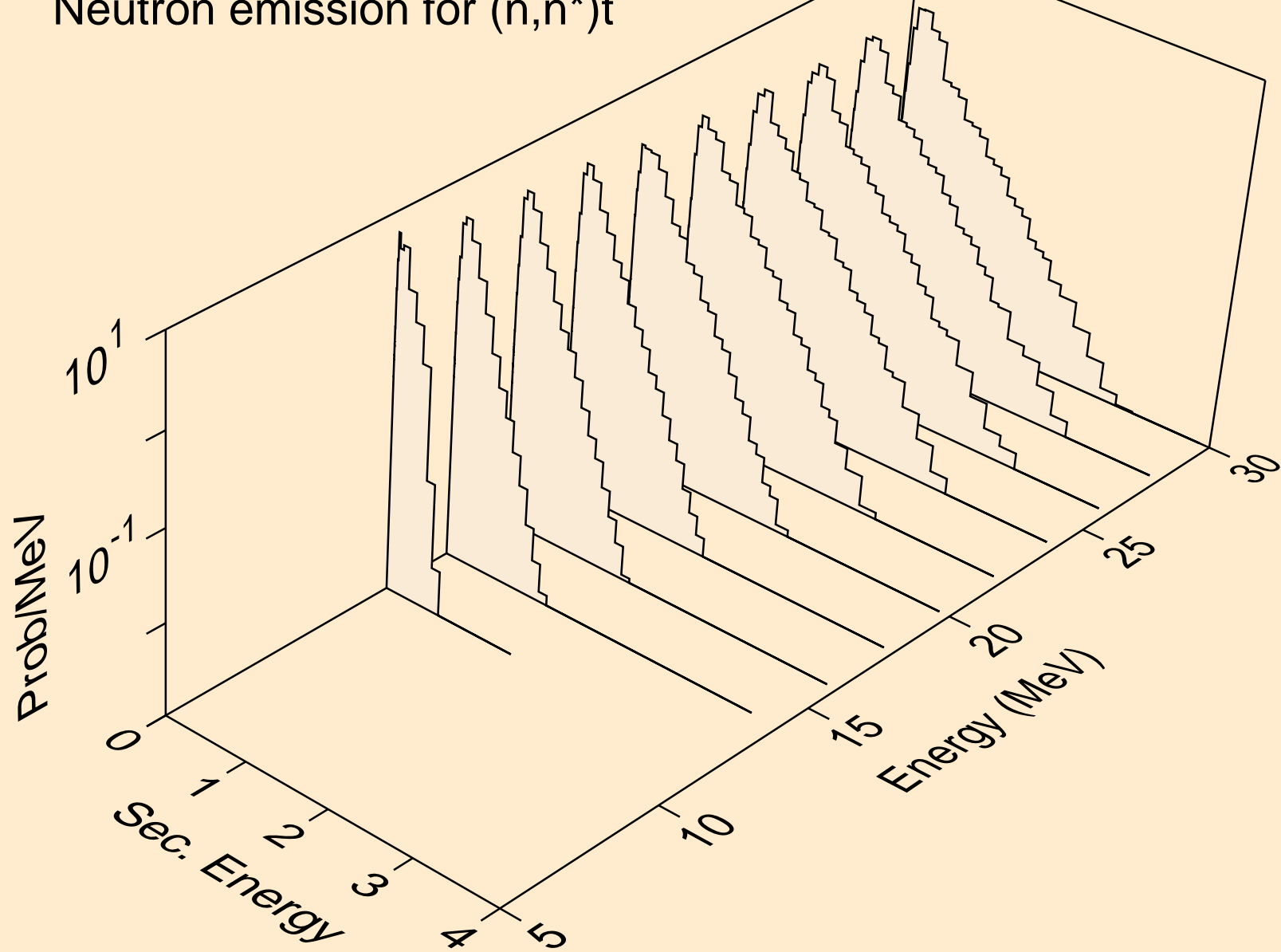
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



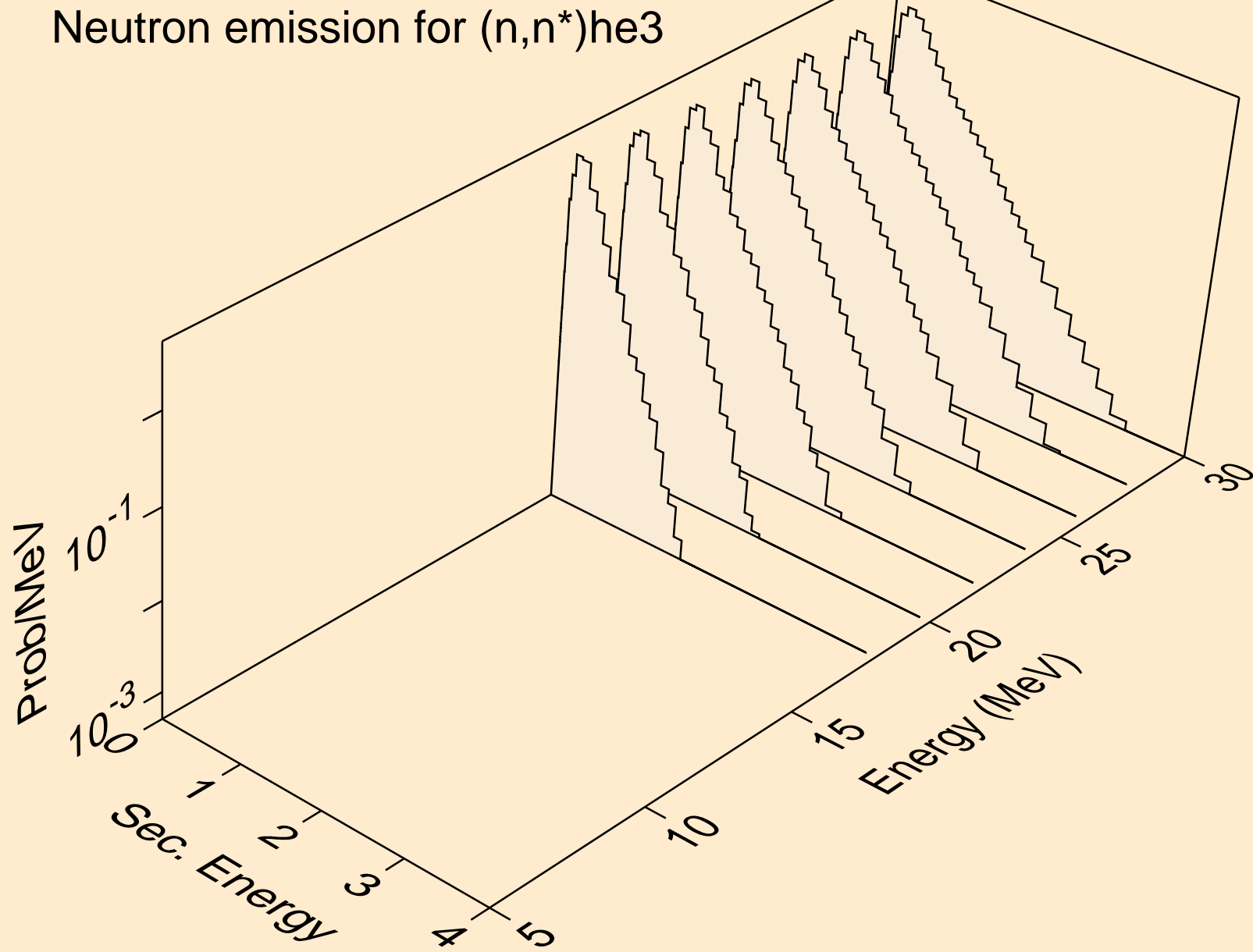
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



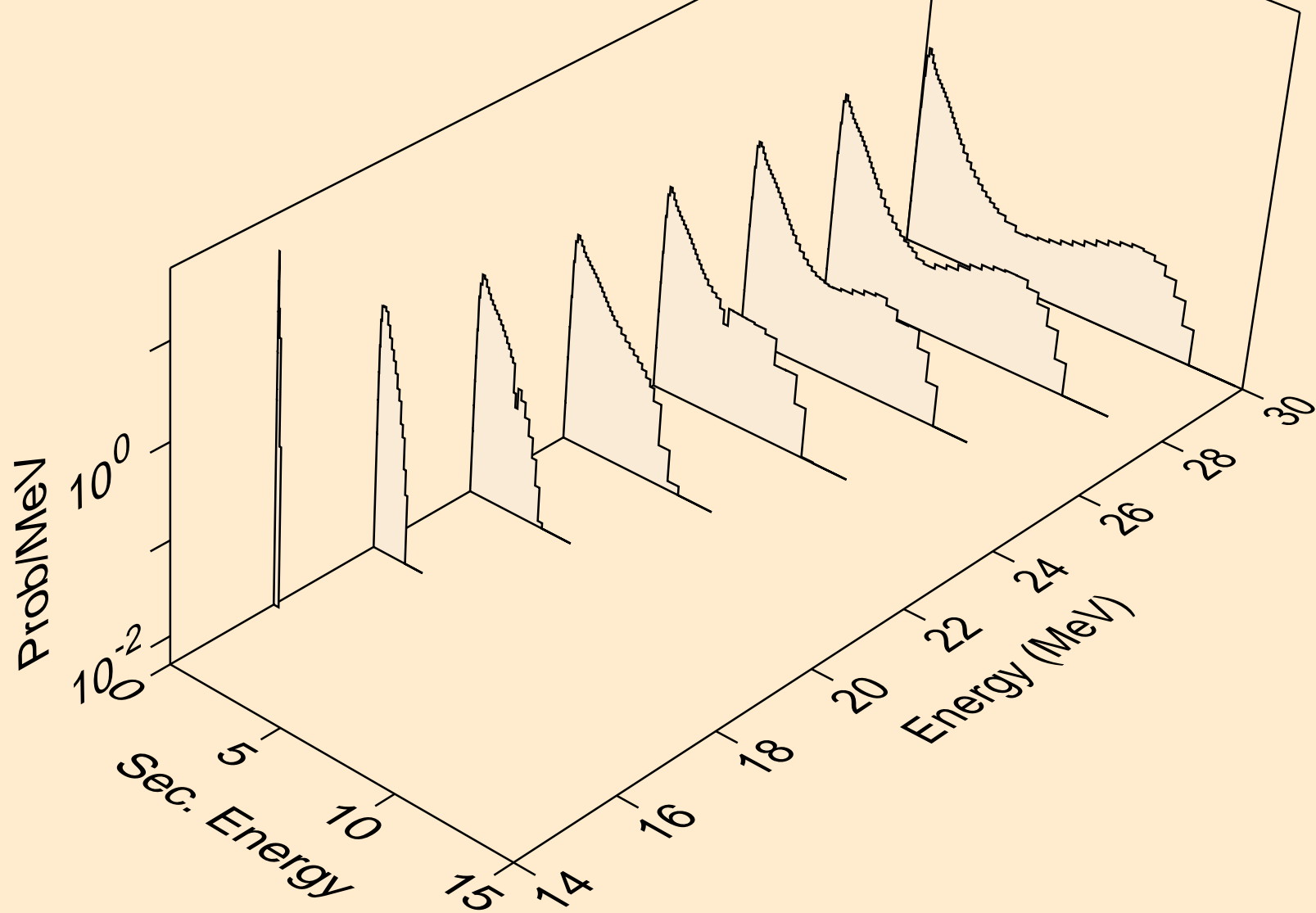
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



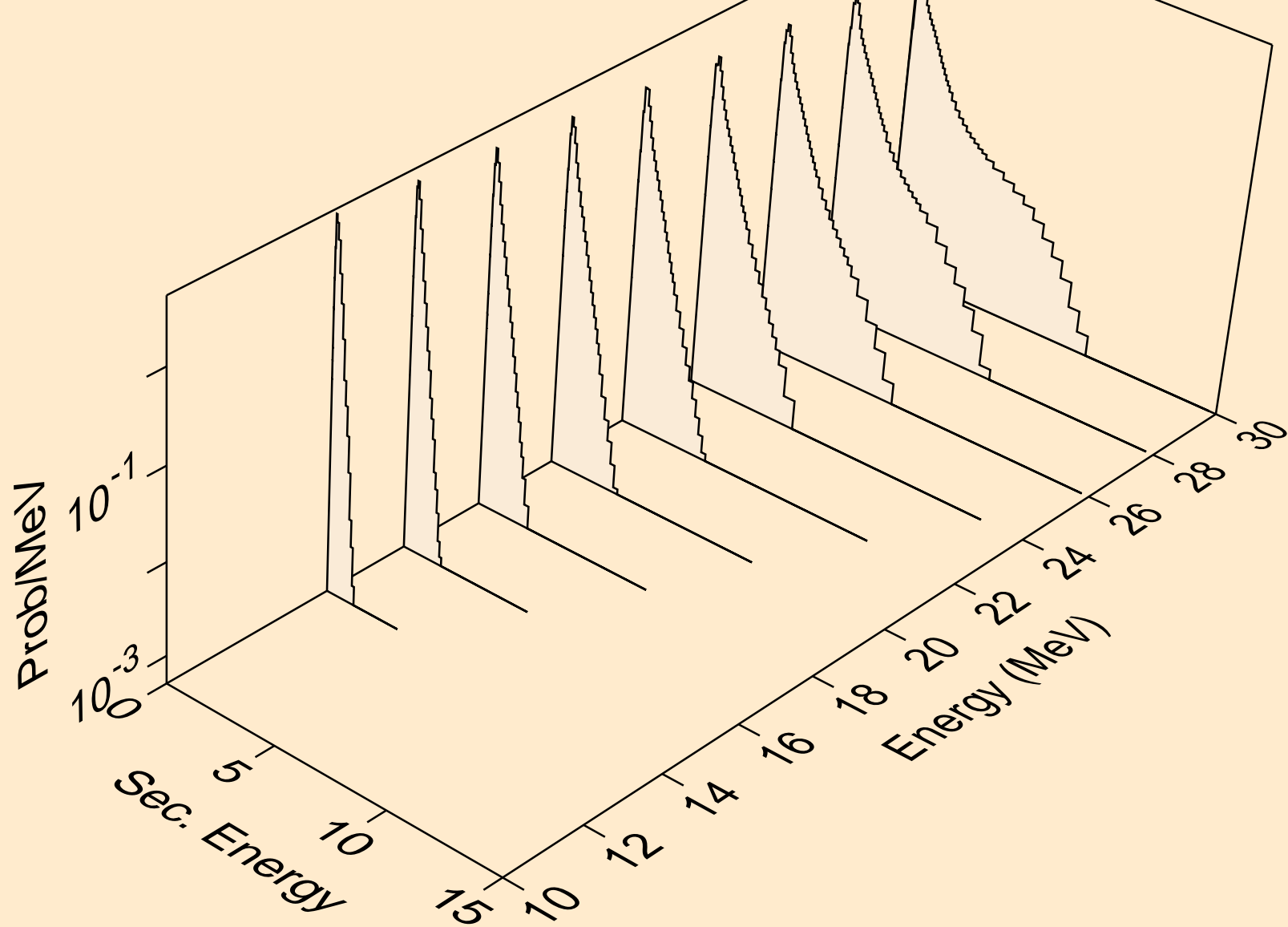
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



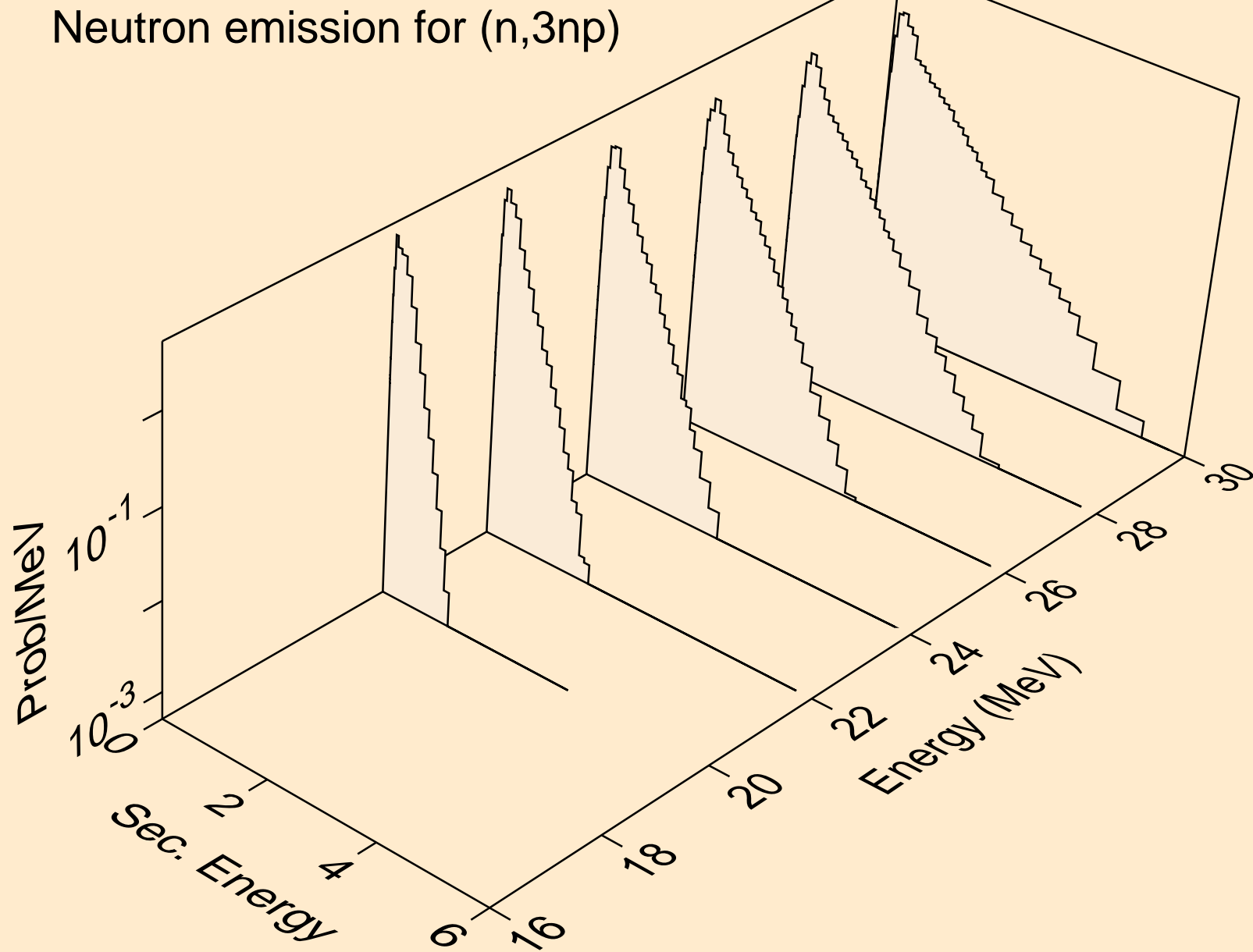
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Neutron emission for (n,4n)



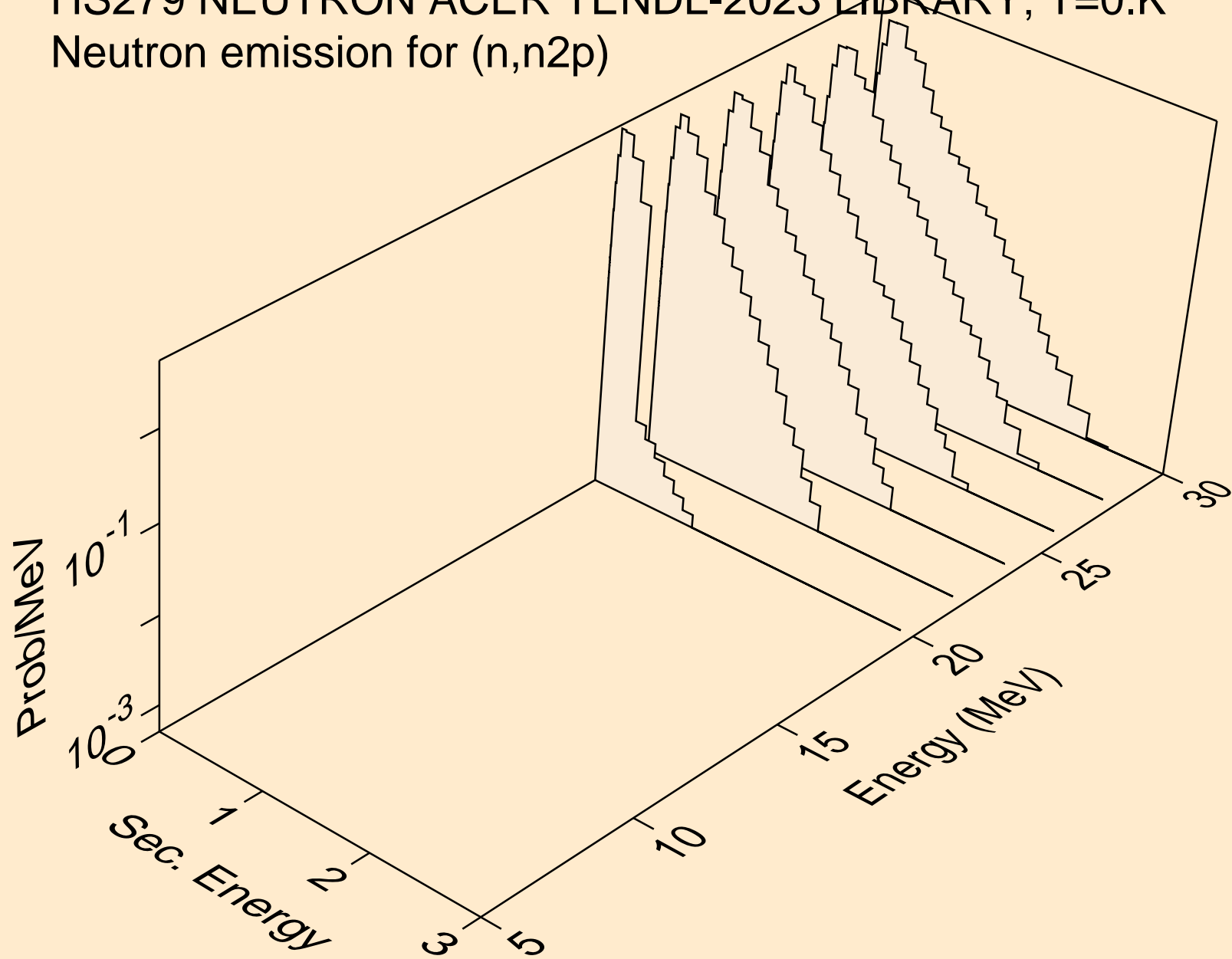
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



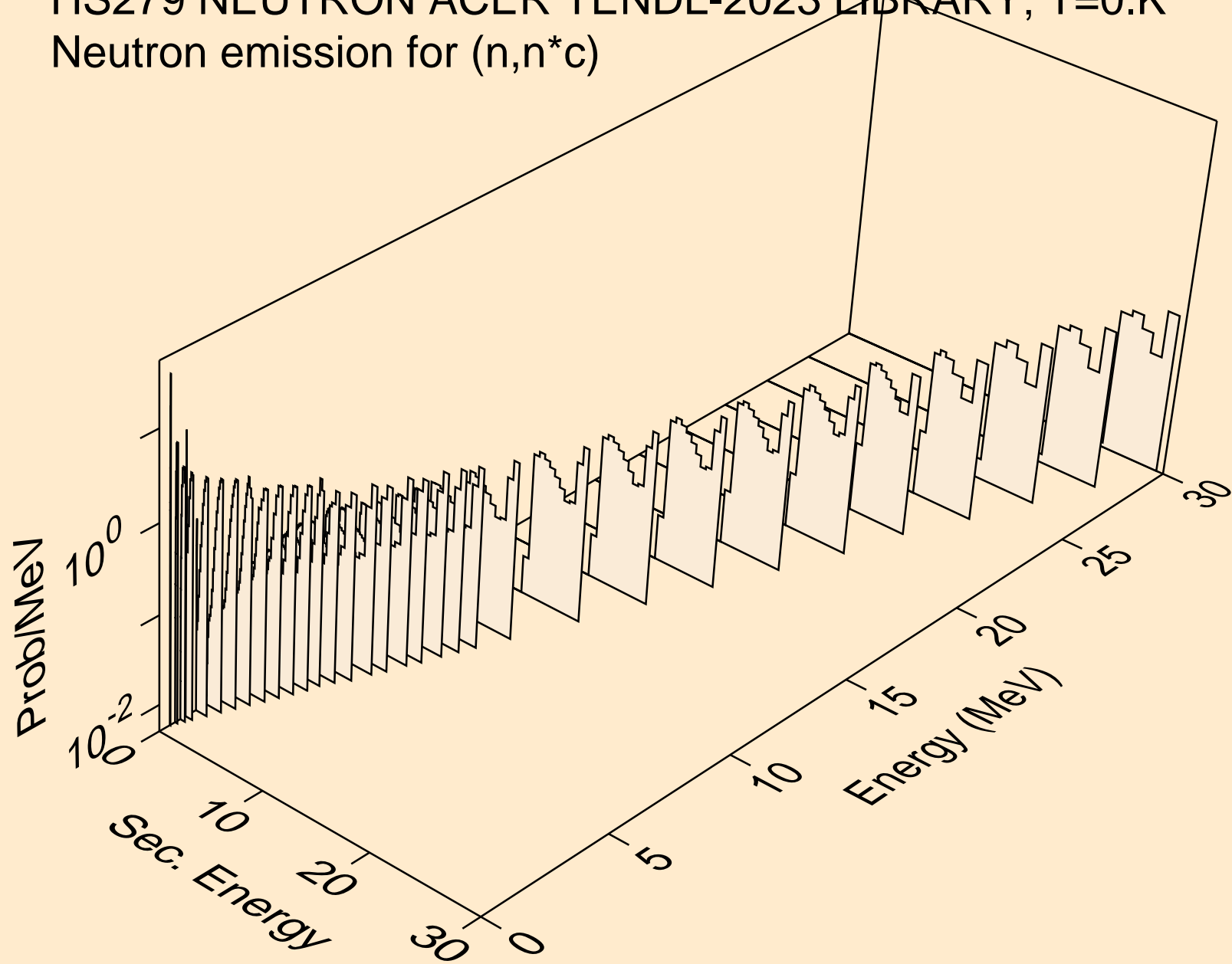
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)

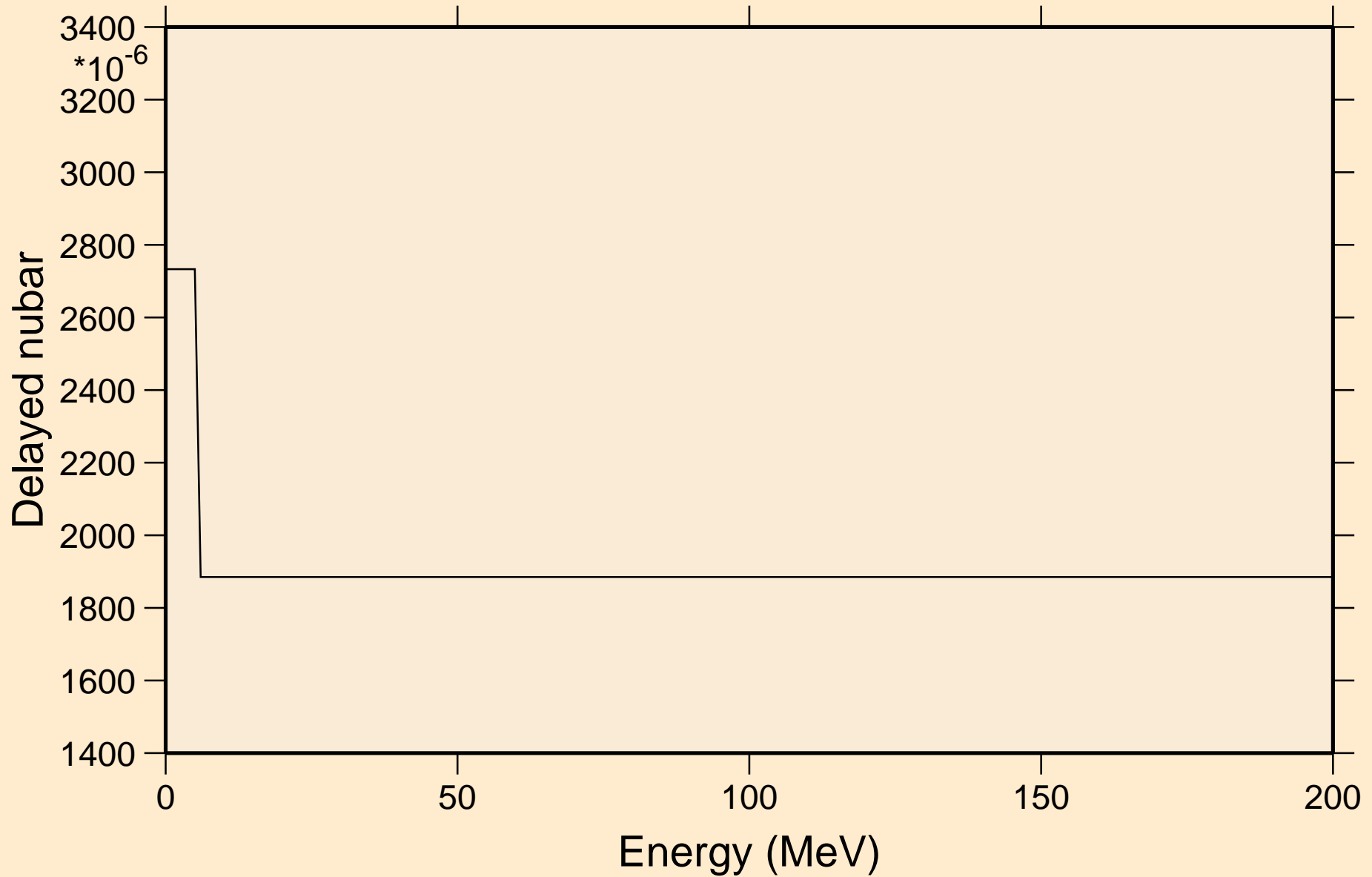


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Neutron emission for (n,n*c)



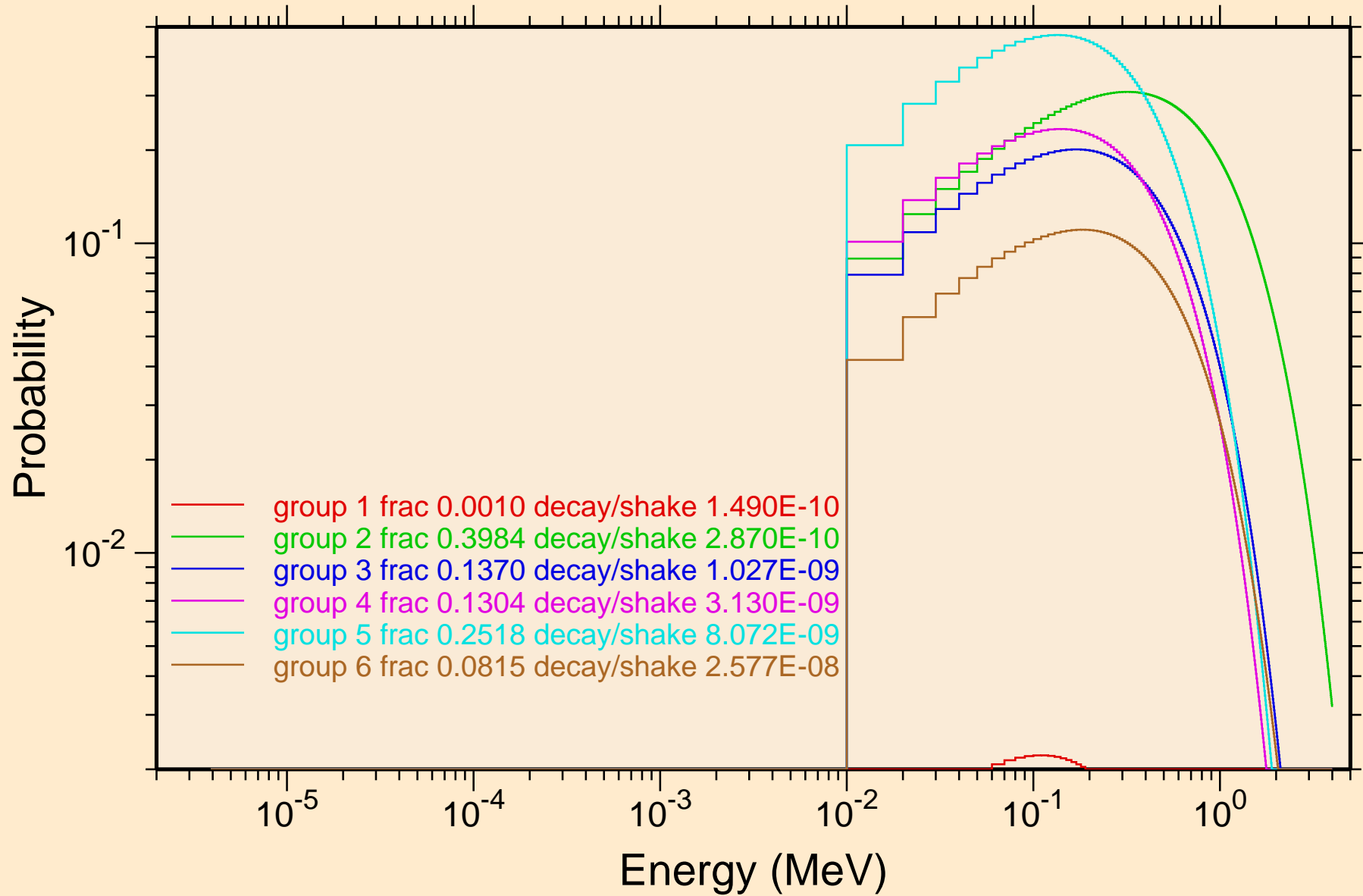
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Delayed nubar

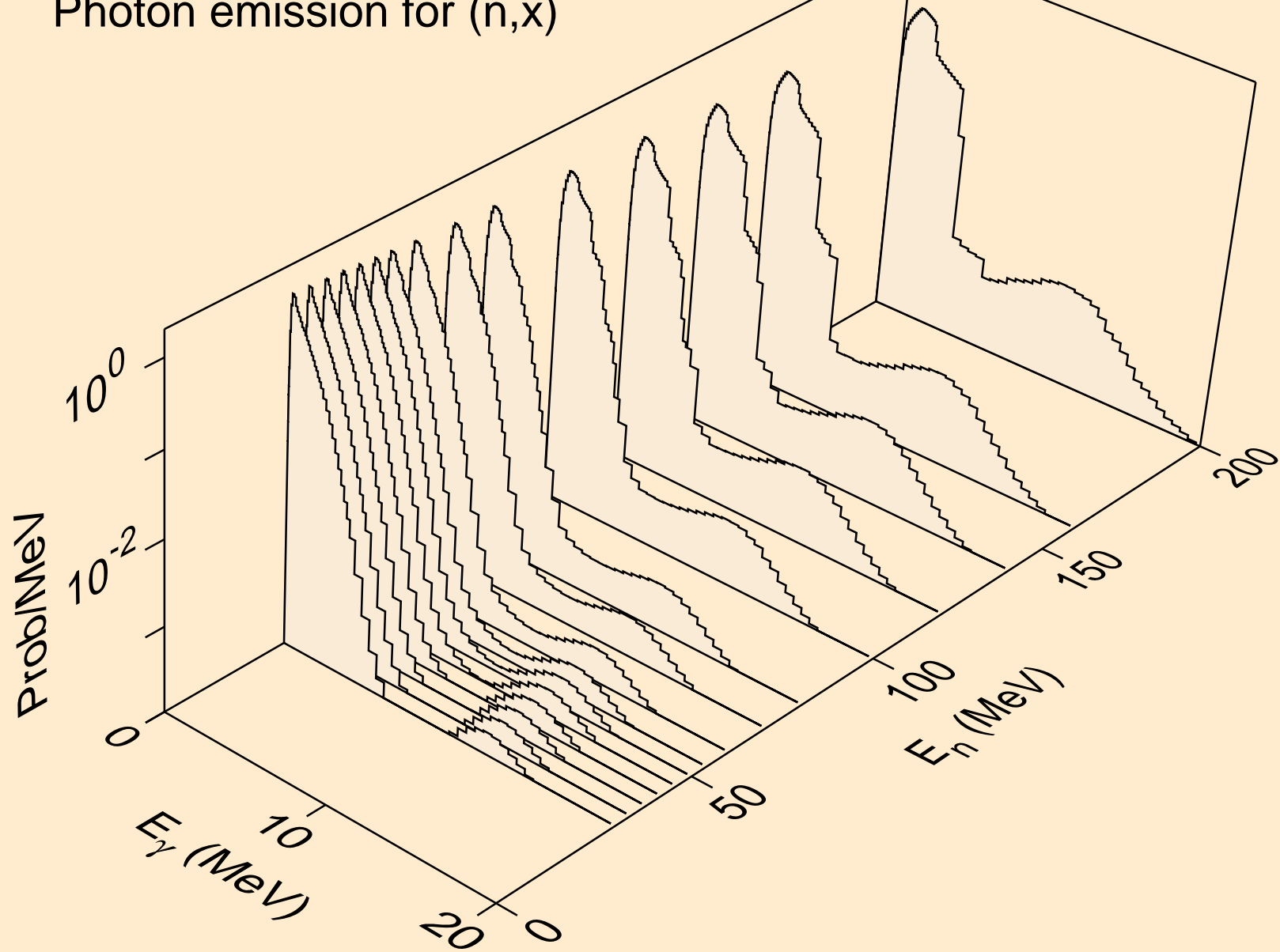


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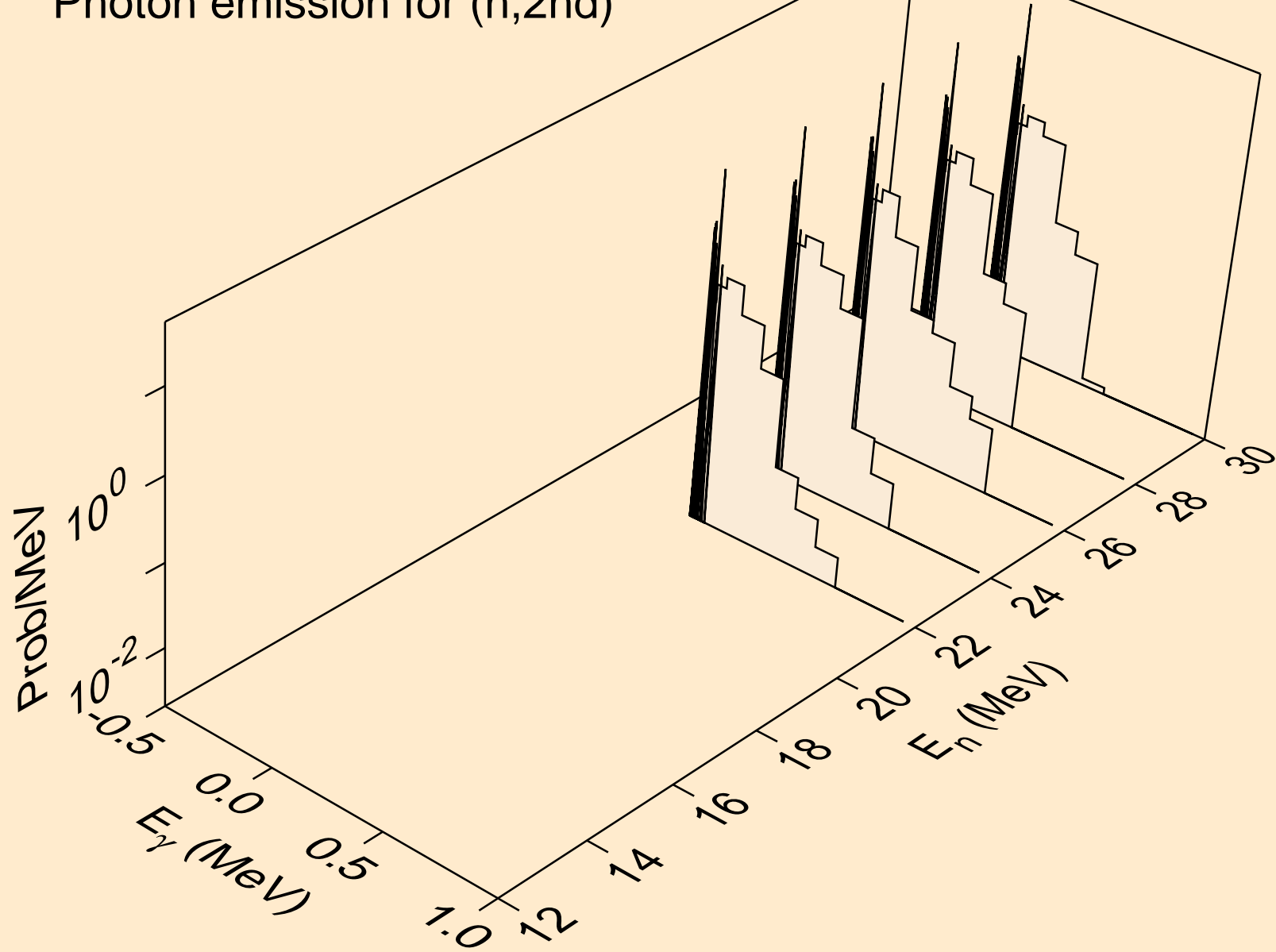
Delayed neutron spectra



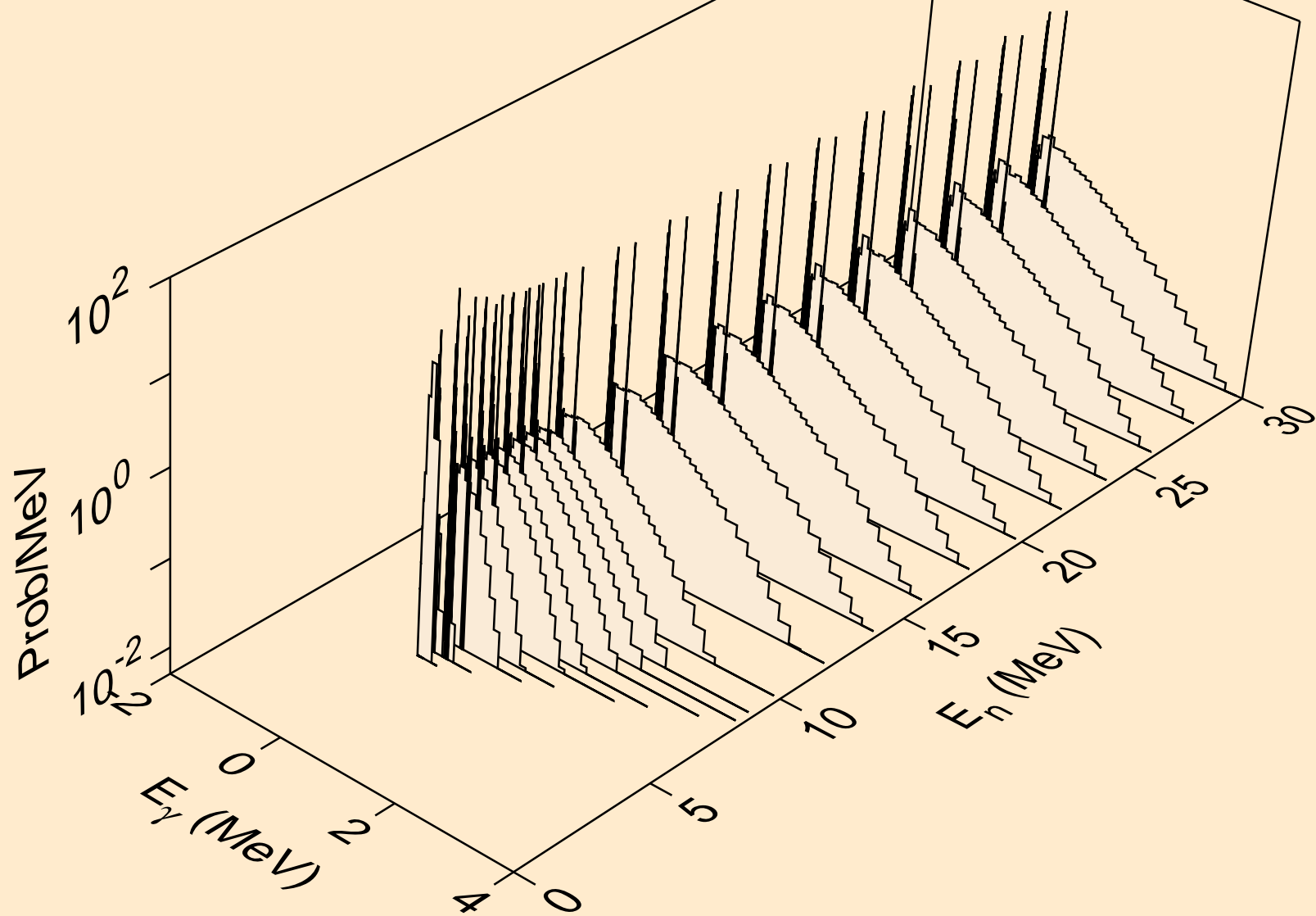
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



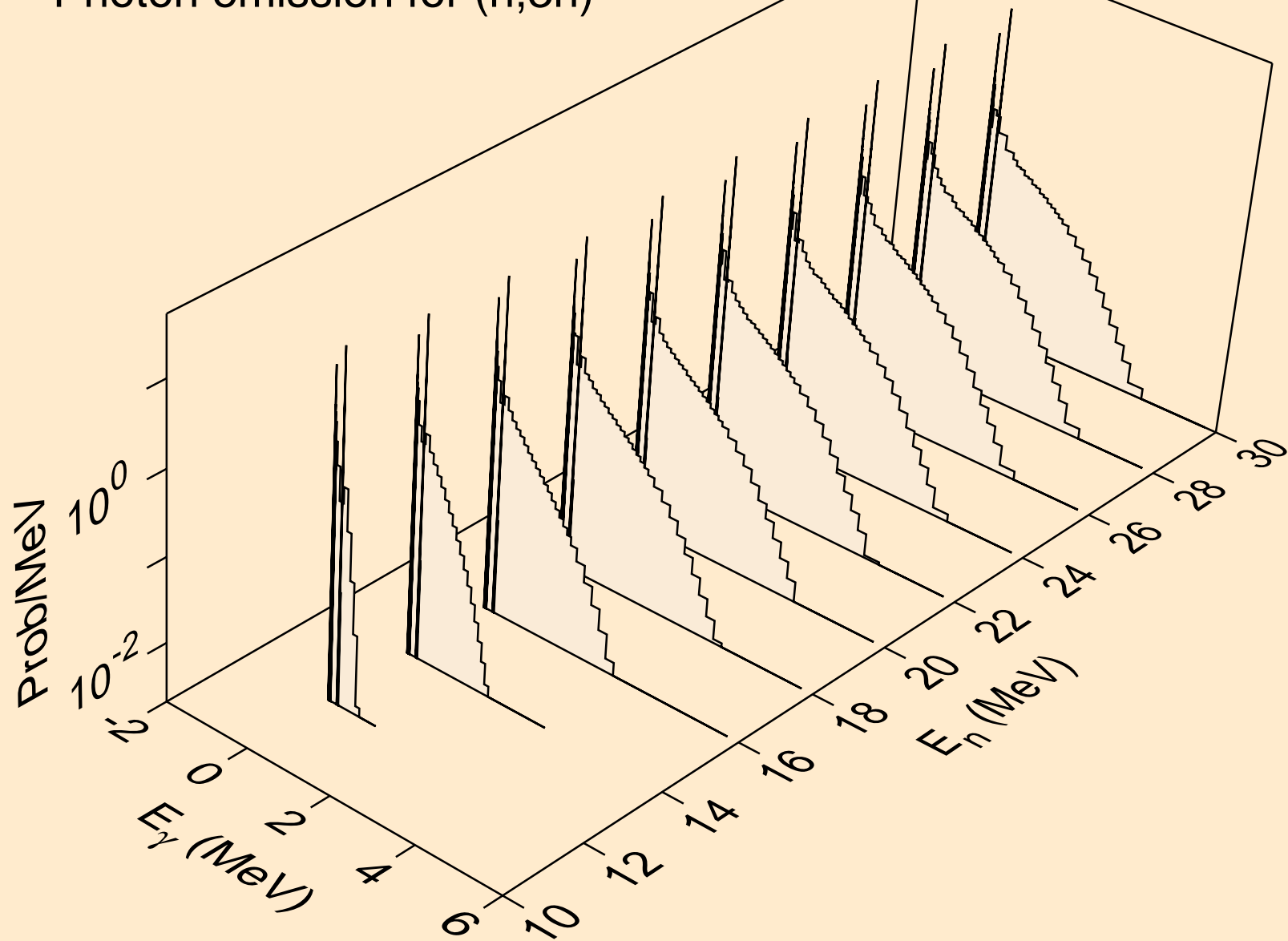
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Photon emission for (n,2nd)



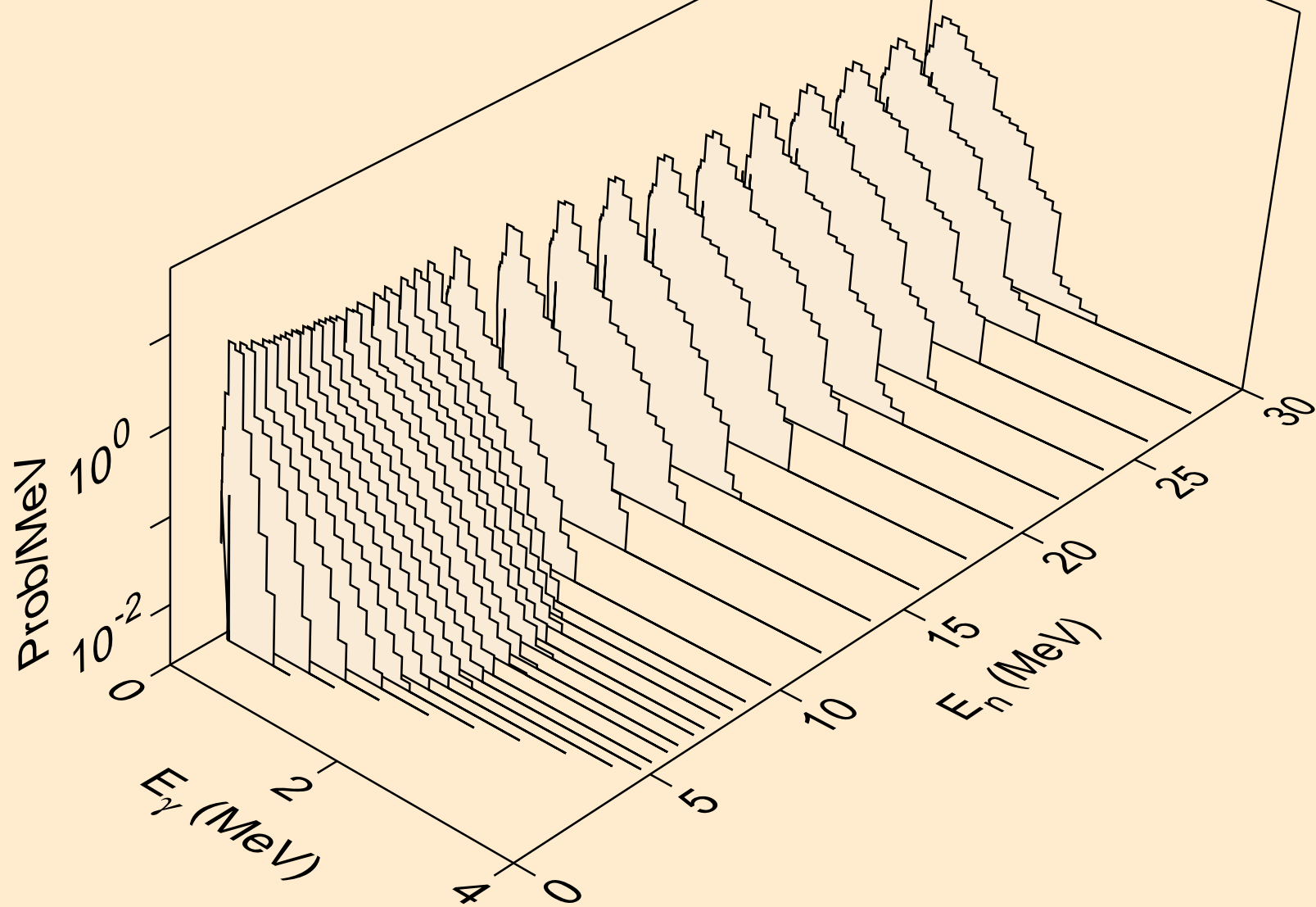
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Photon emission for (n,2n)



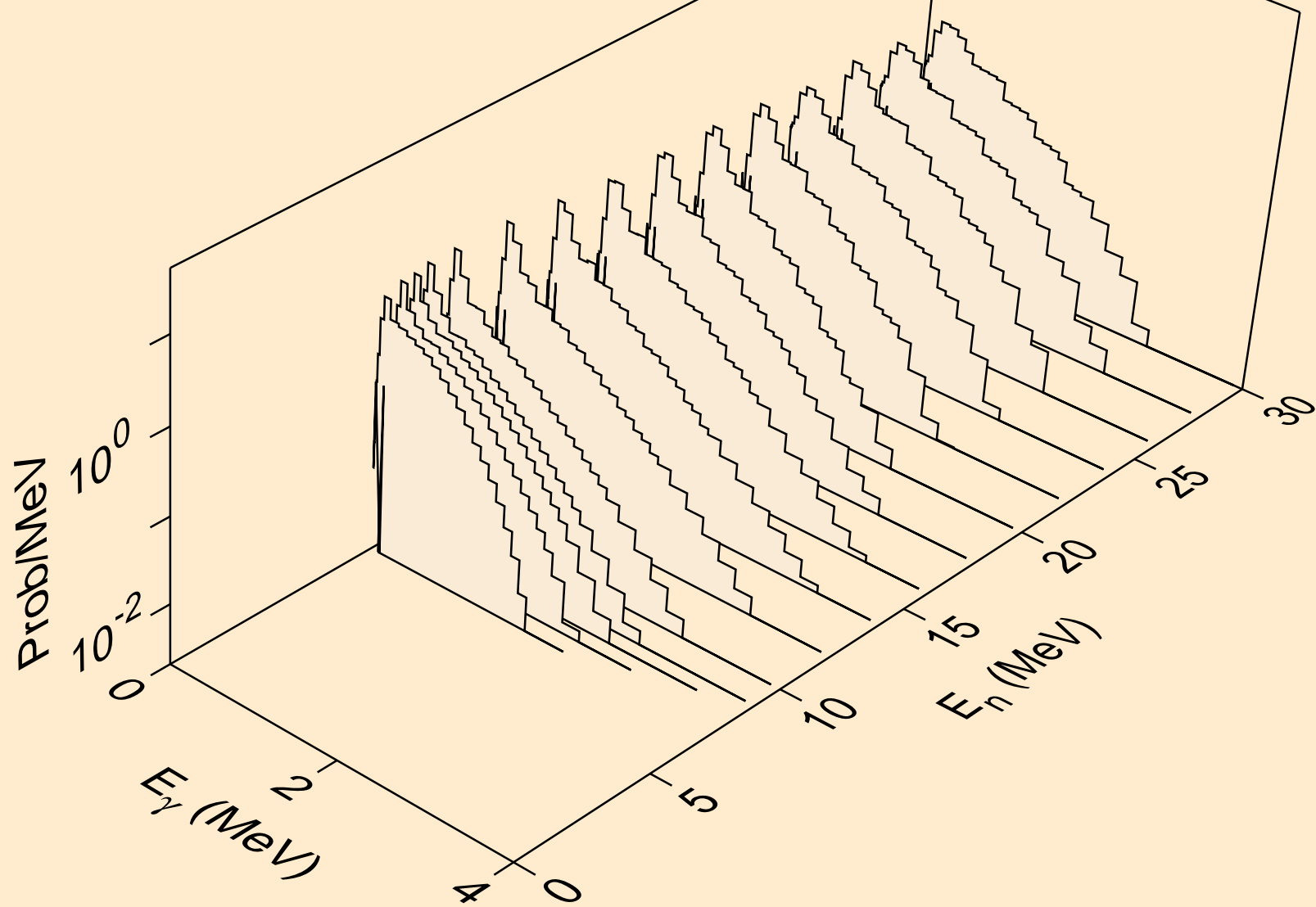
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Photon emission for (n,3n)



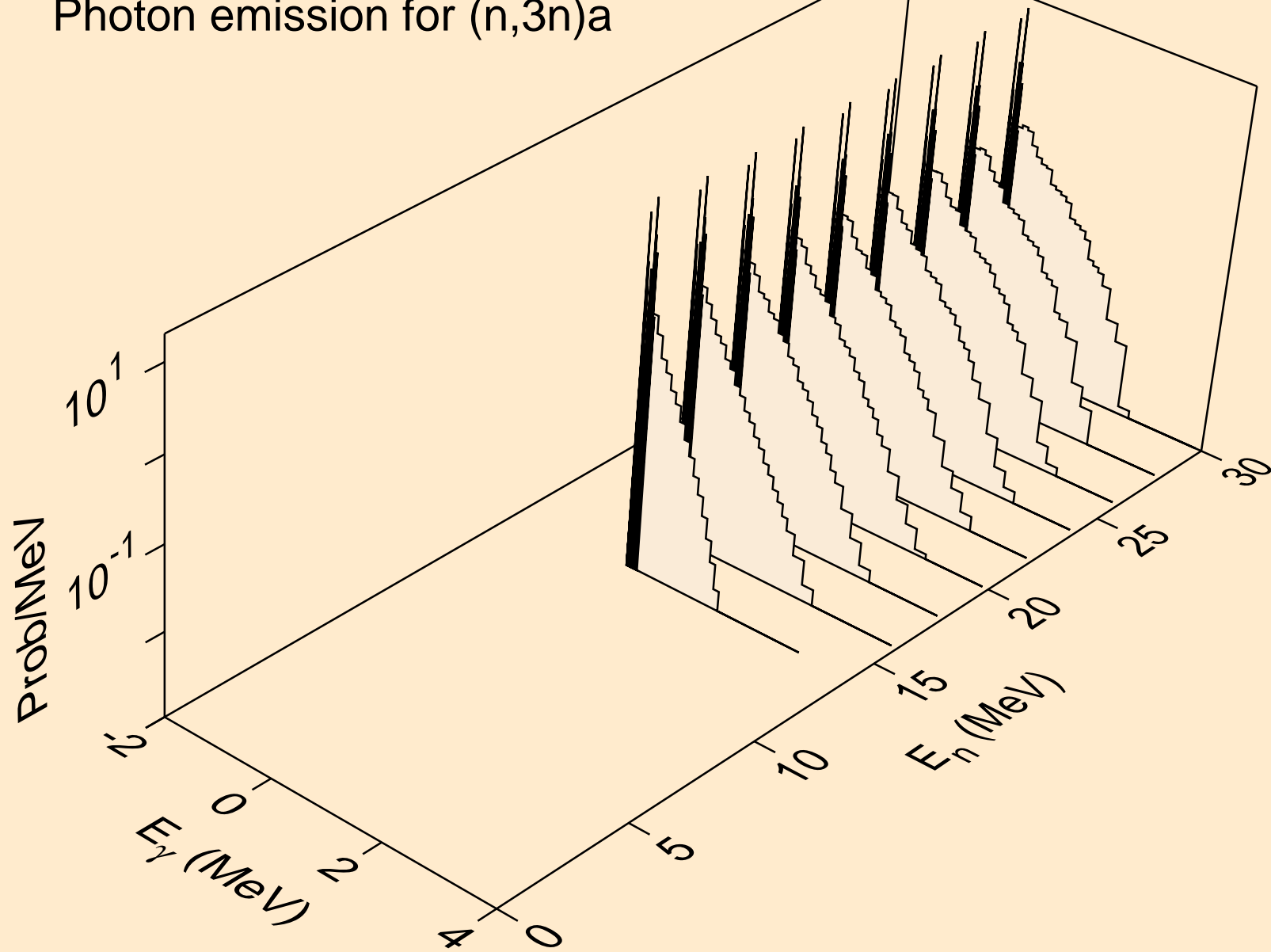
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Photon emission for (n,n*)a



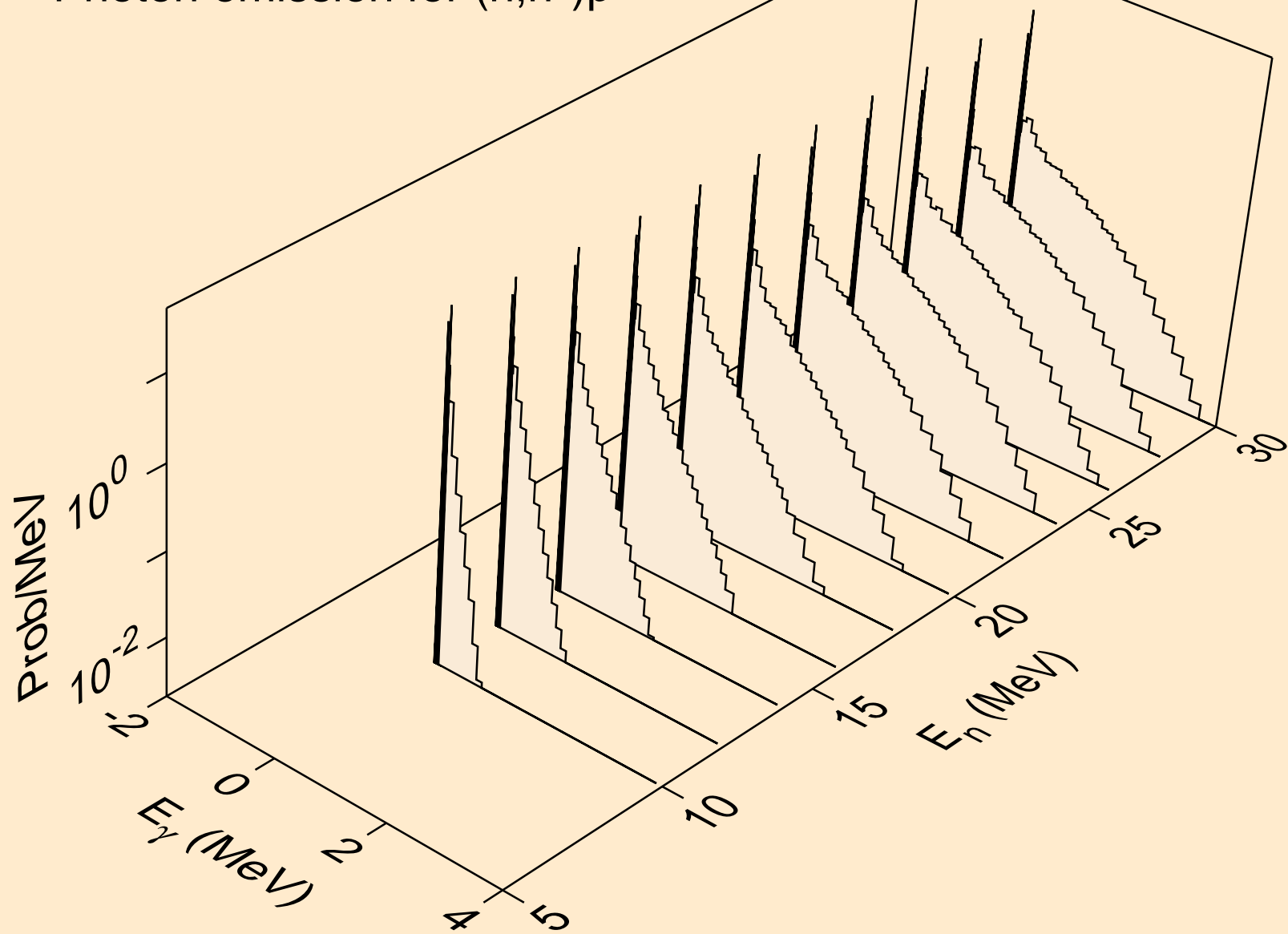
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Photon emission for (n,2n)a



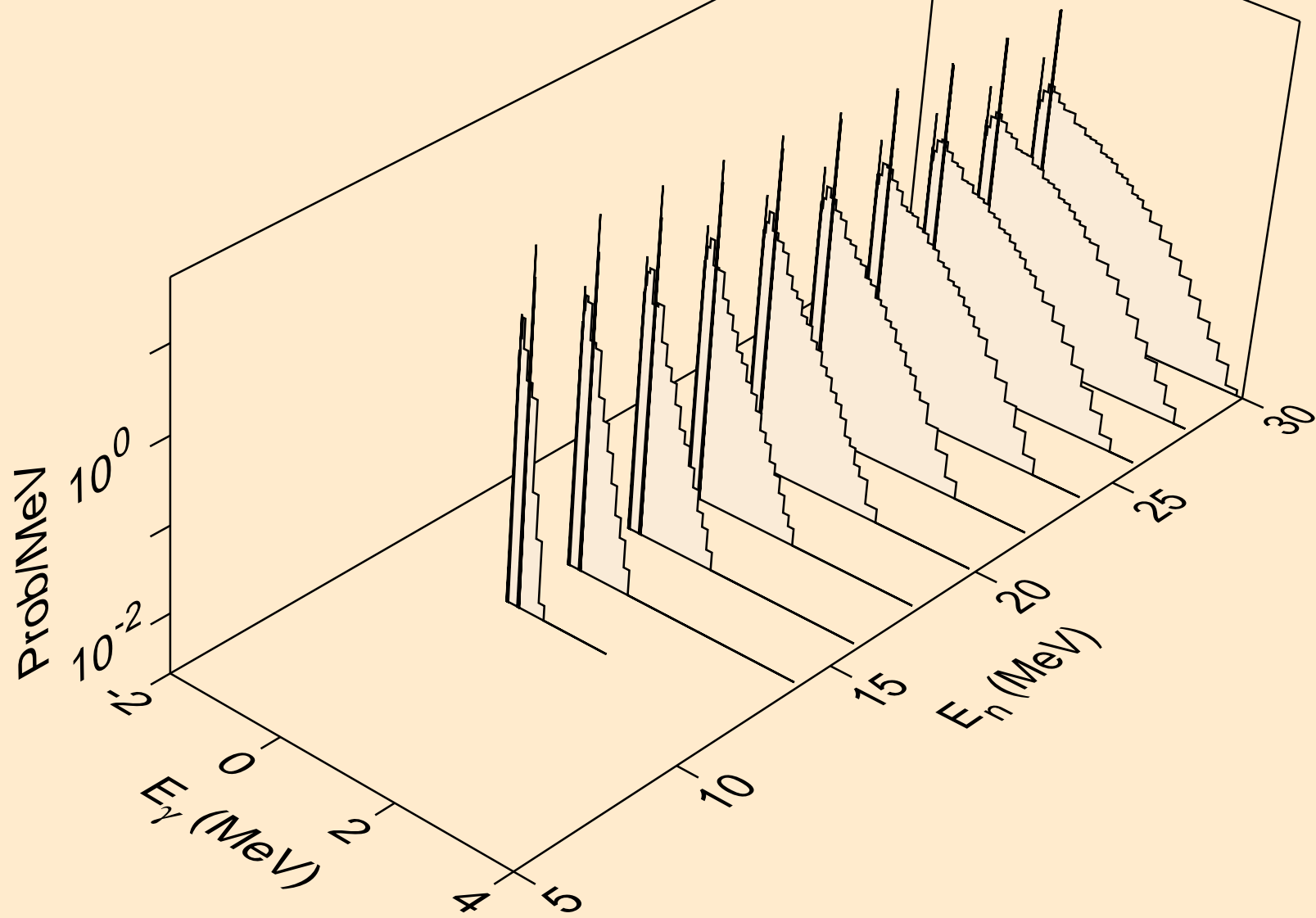
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Photon emission for (n,3n)a



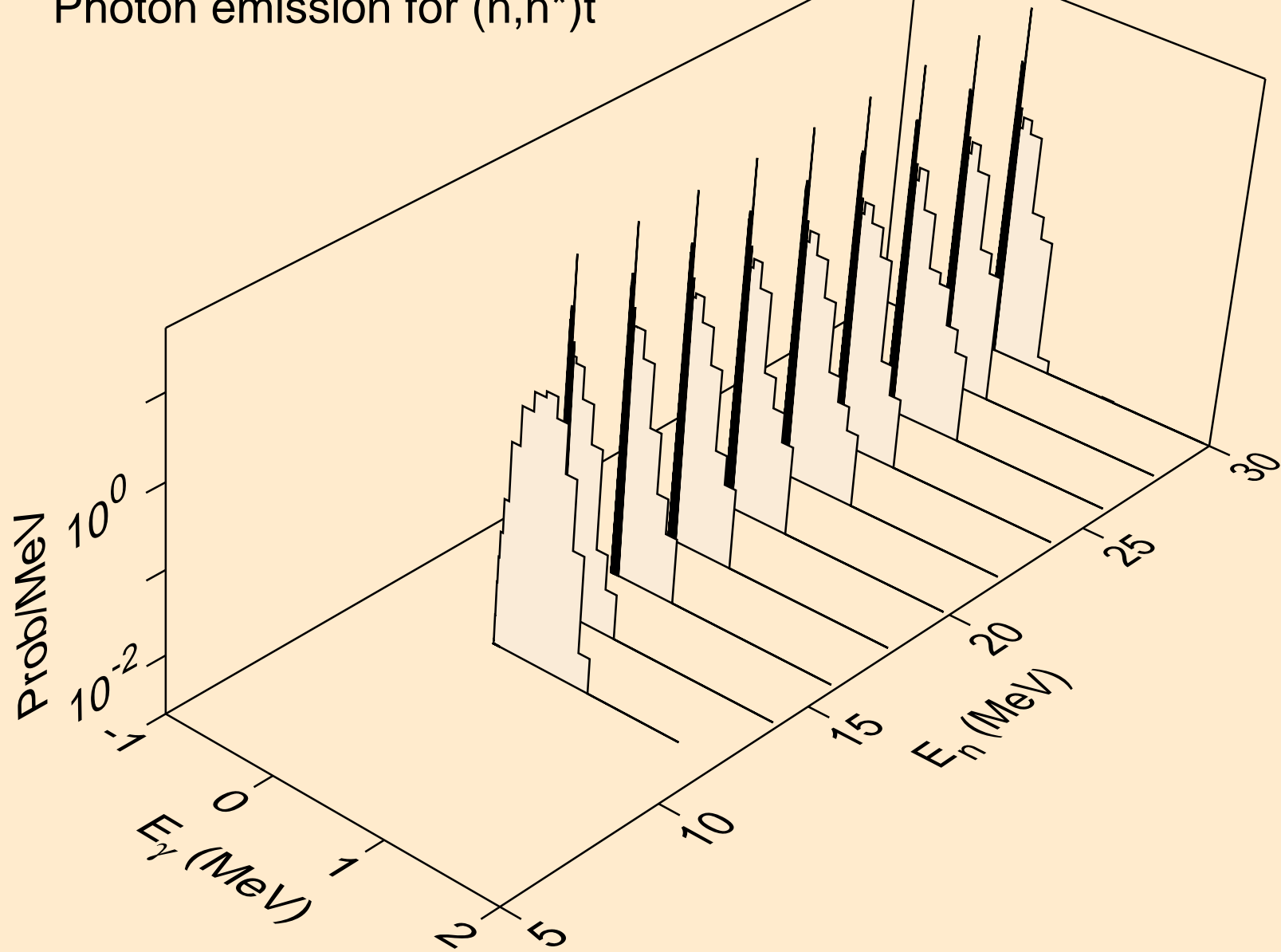
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Photon emission for (n,n*)p



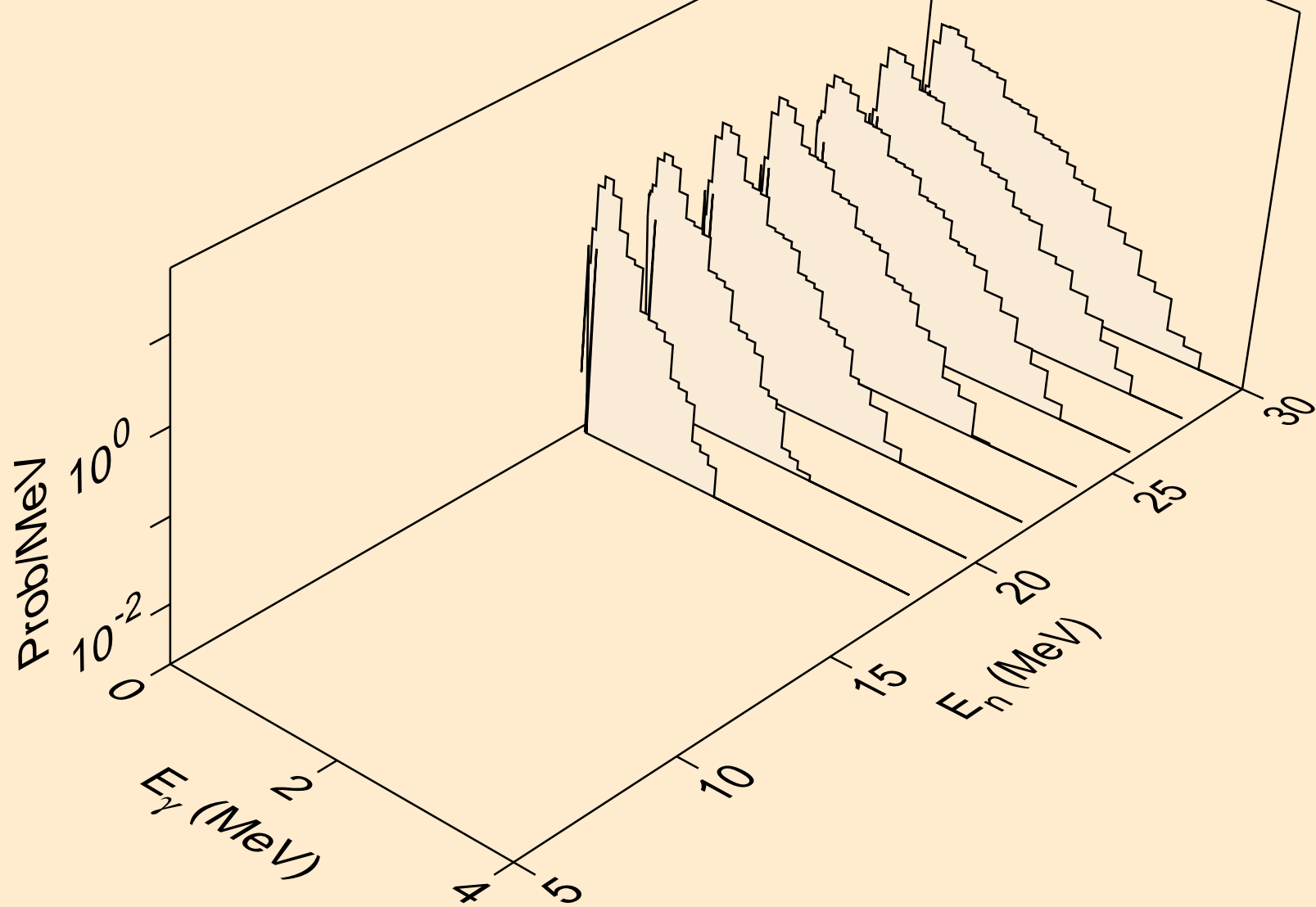
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Photon emission for (n,n*)d



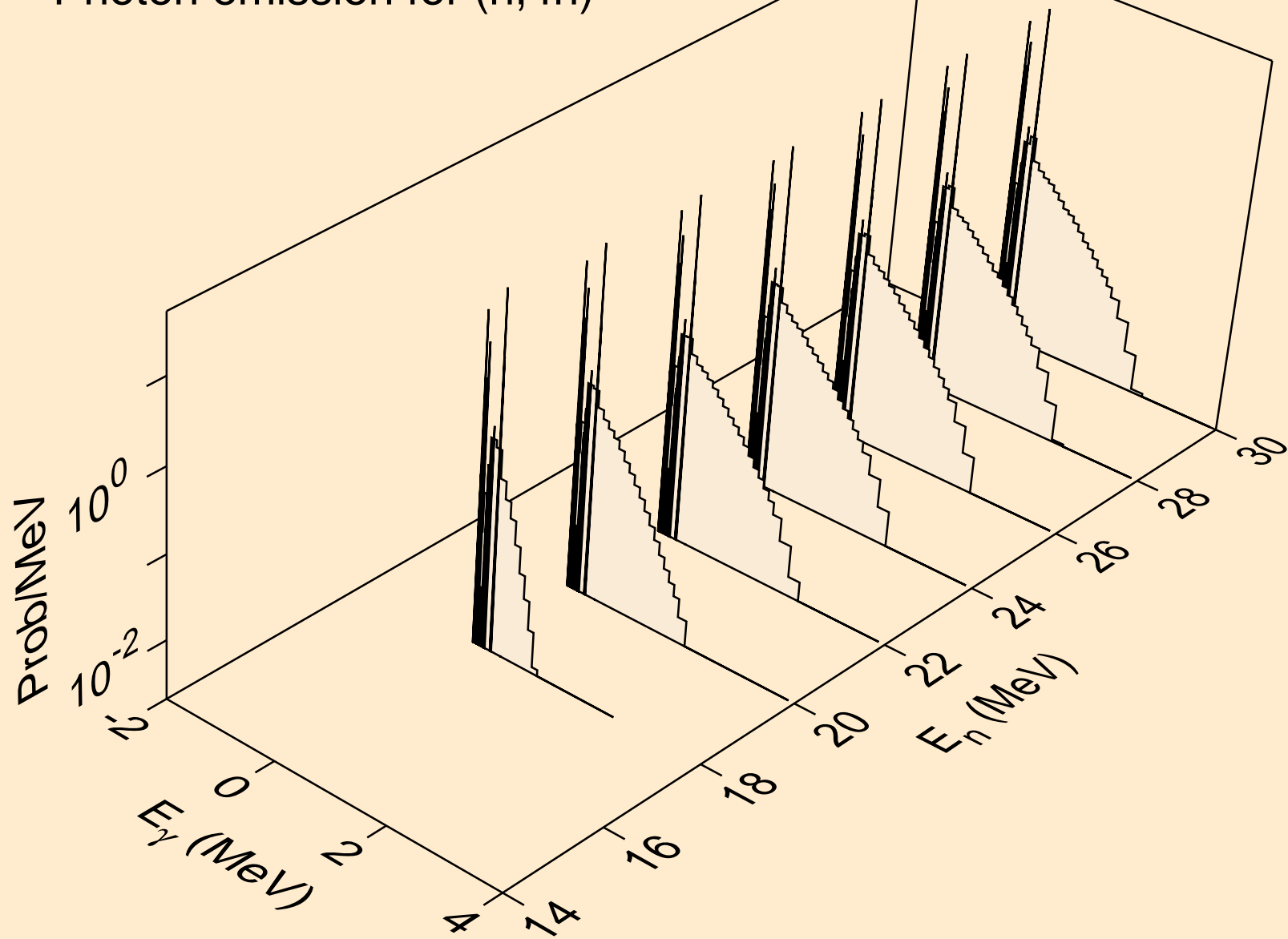
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Photon emission for (n,n*)t



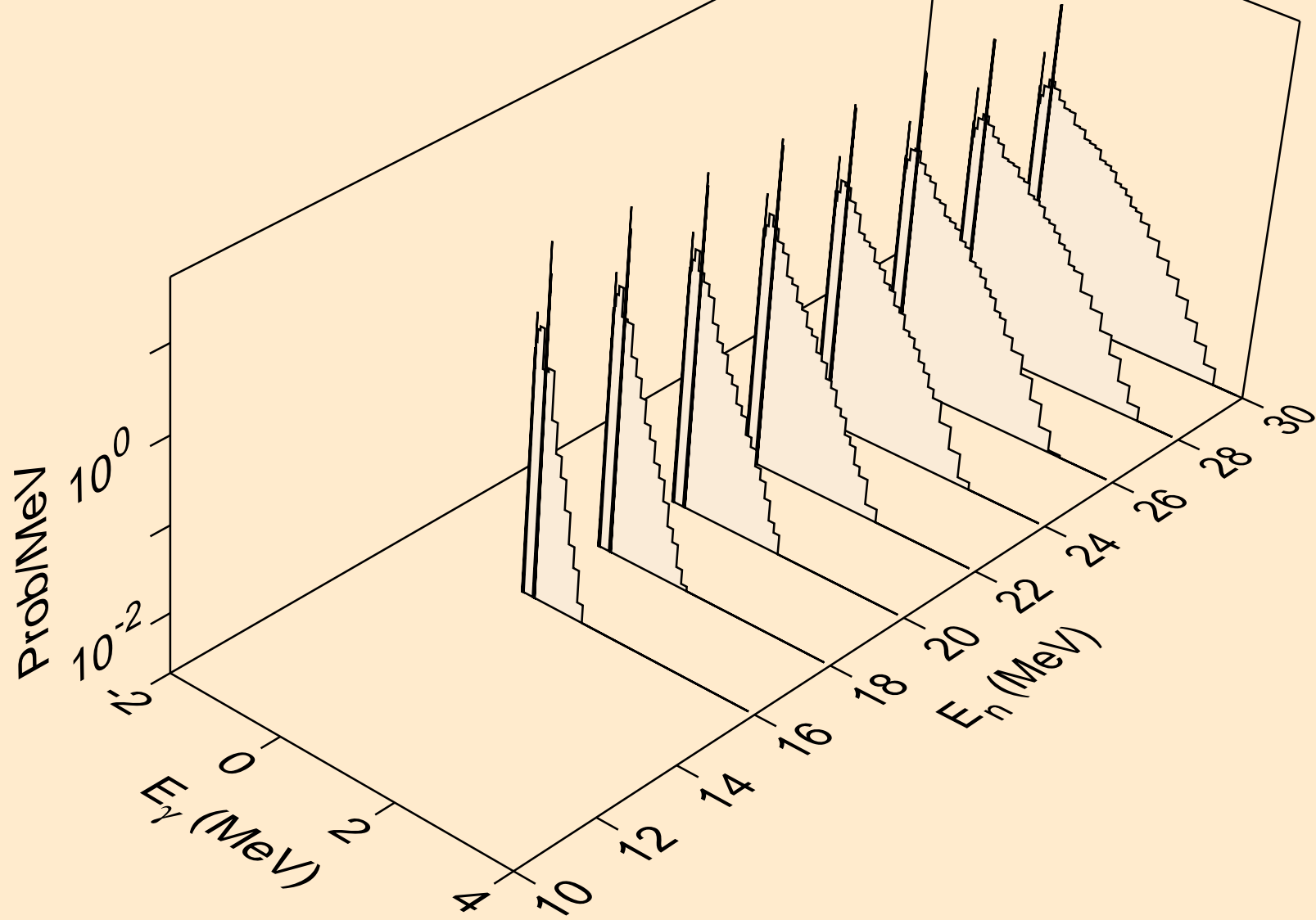
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



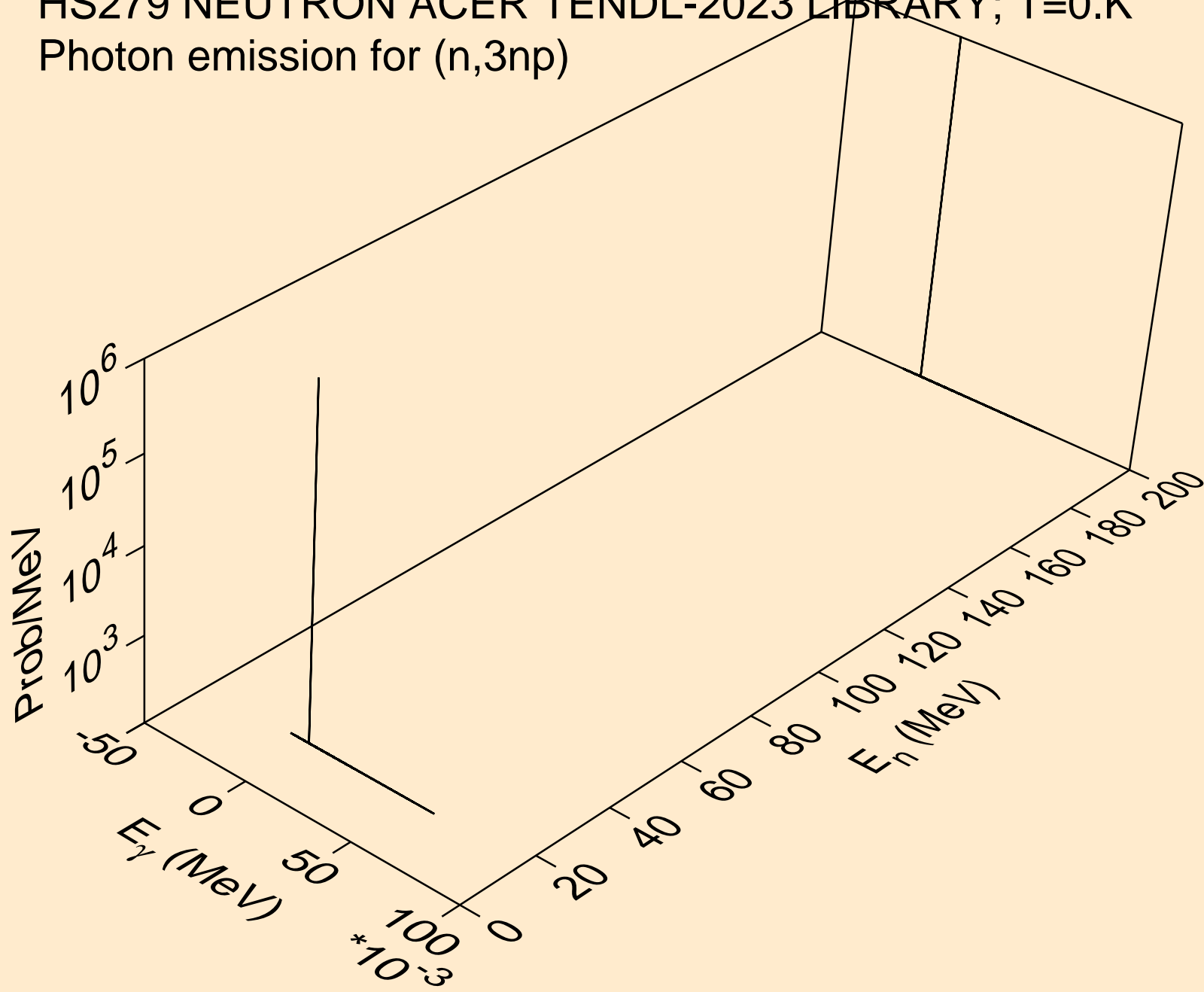
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



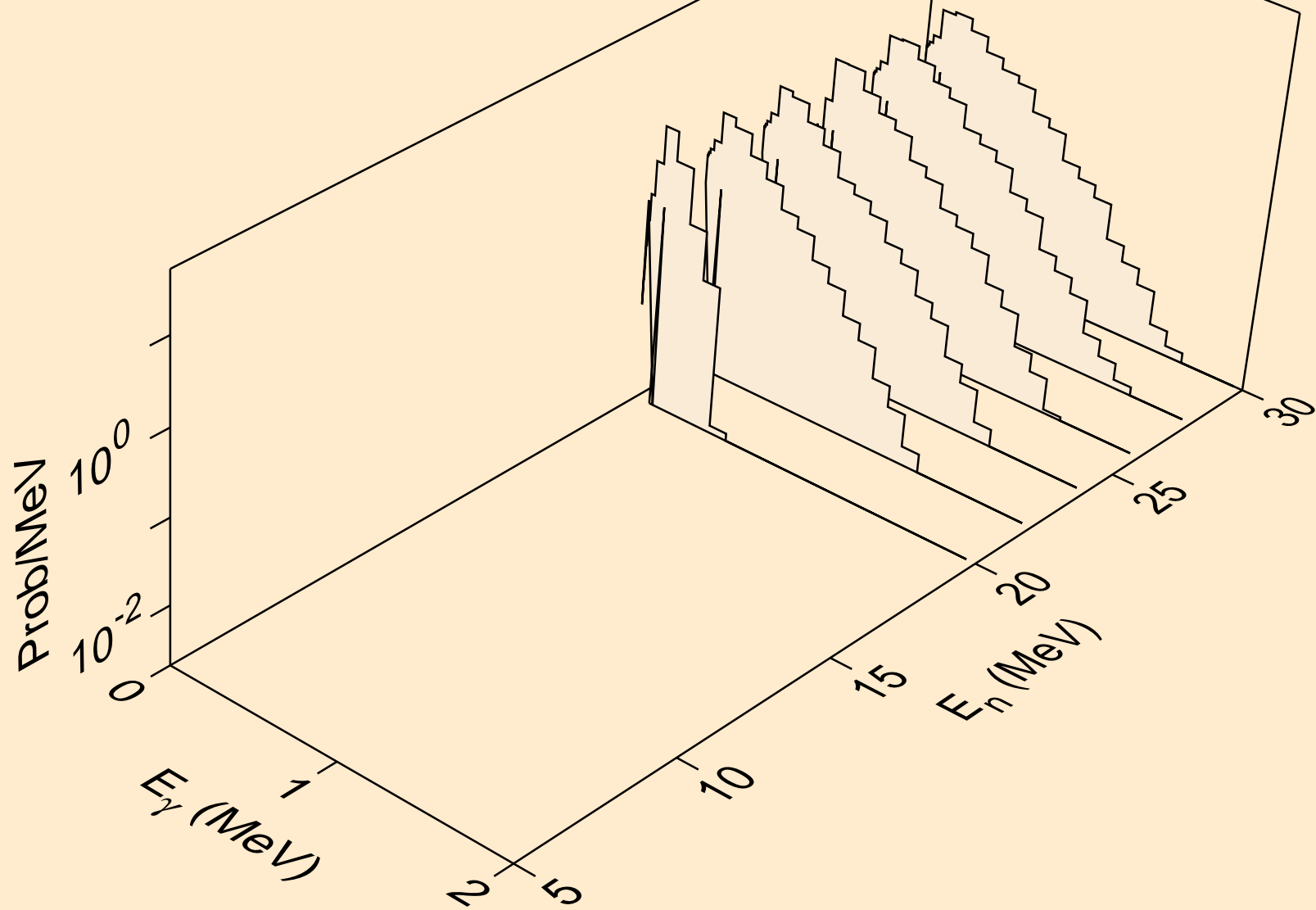
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



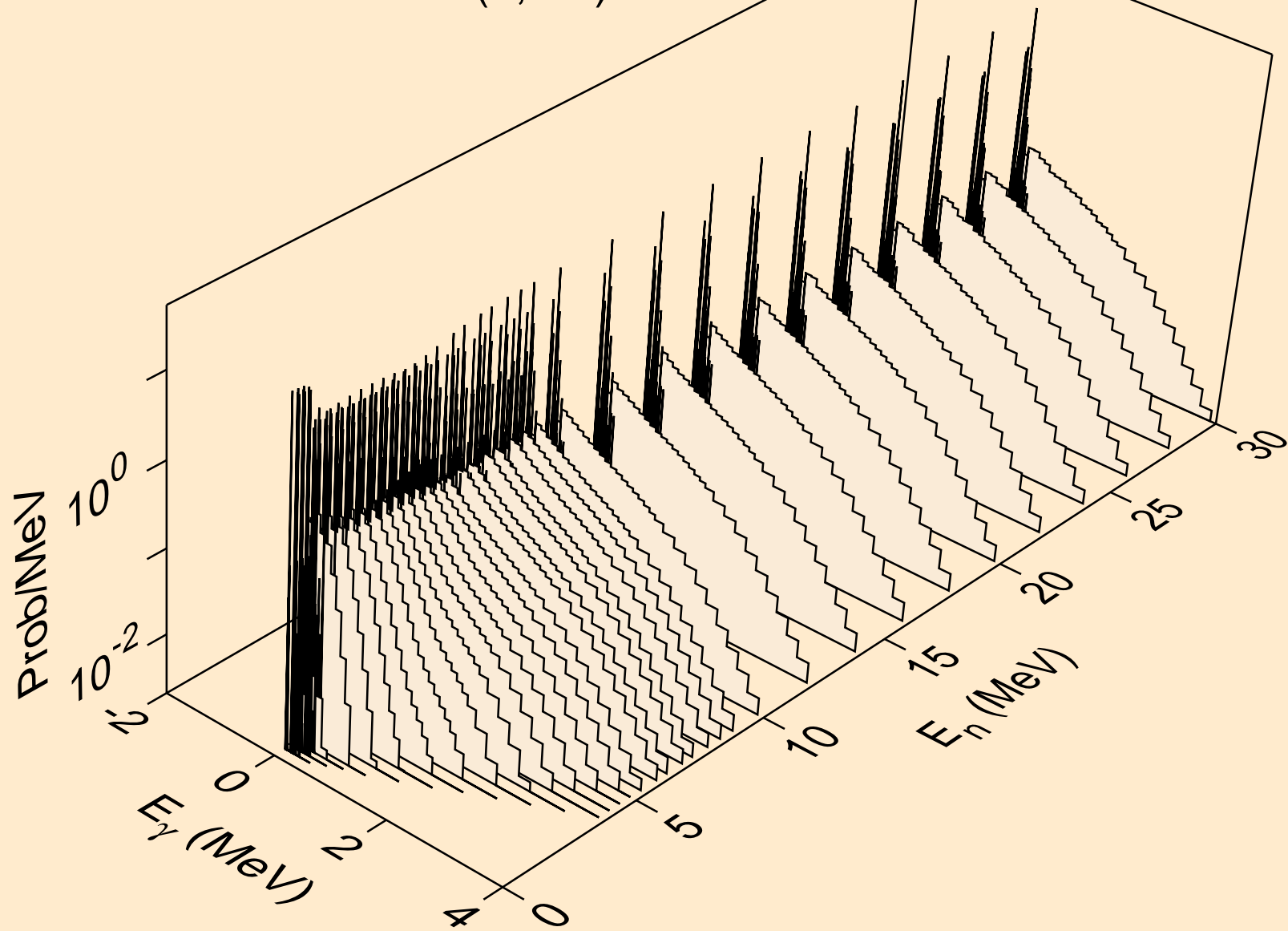
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Photon emission for (n,3np)



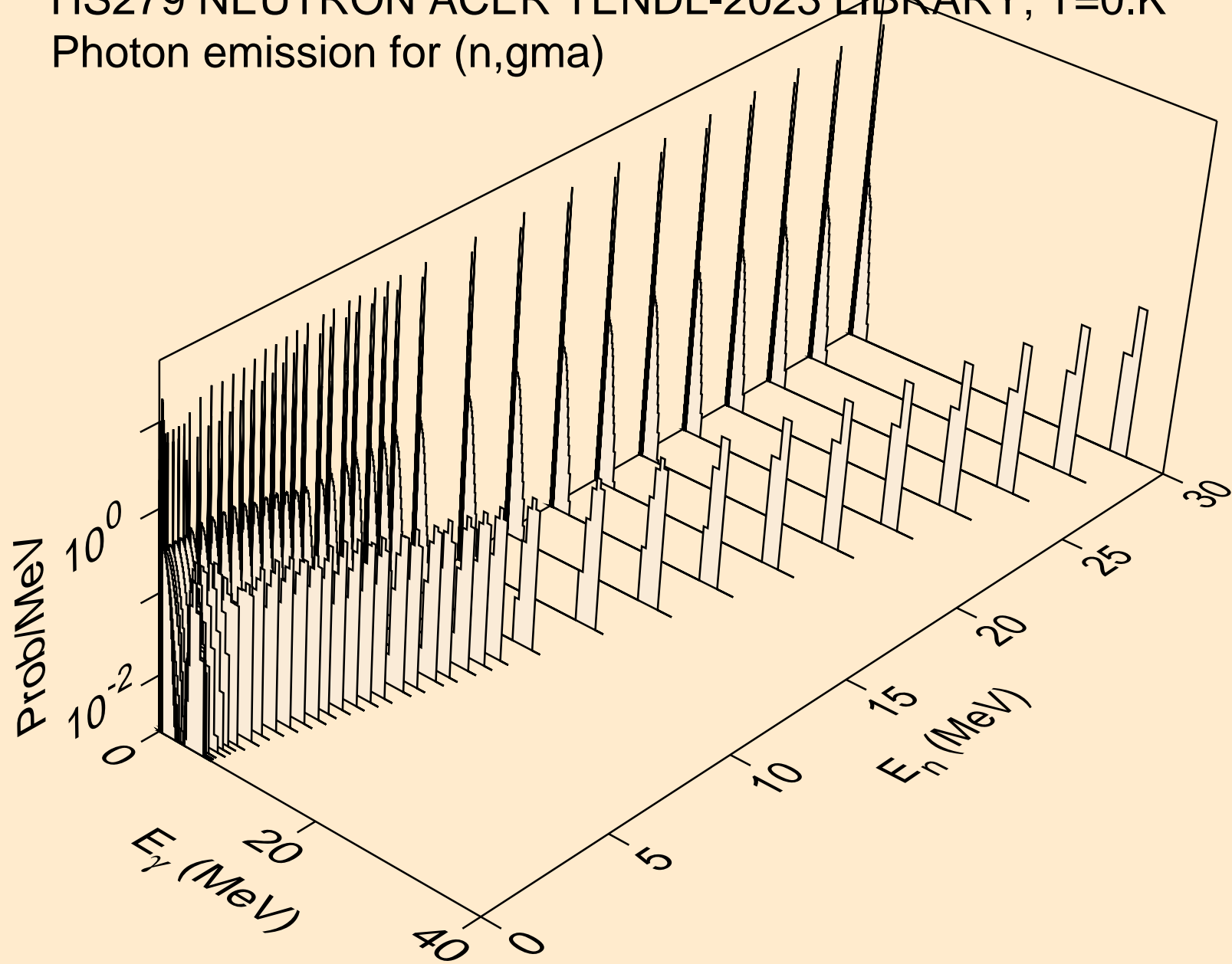
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



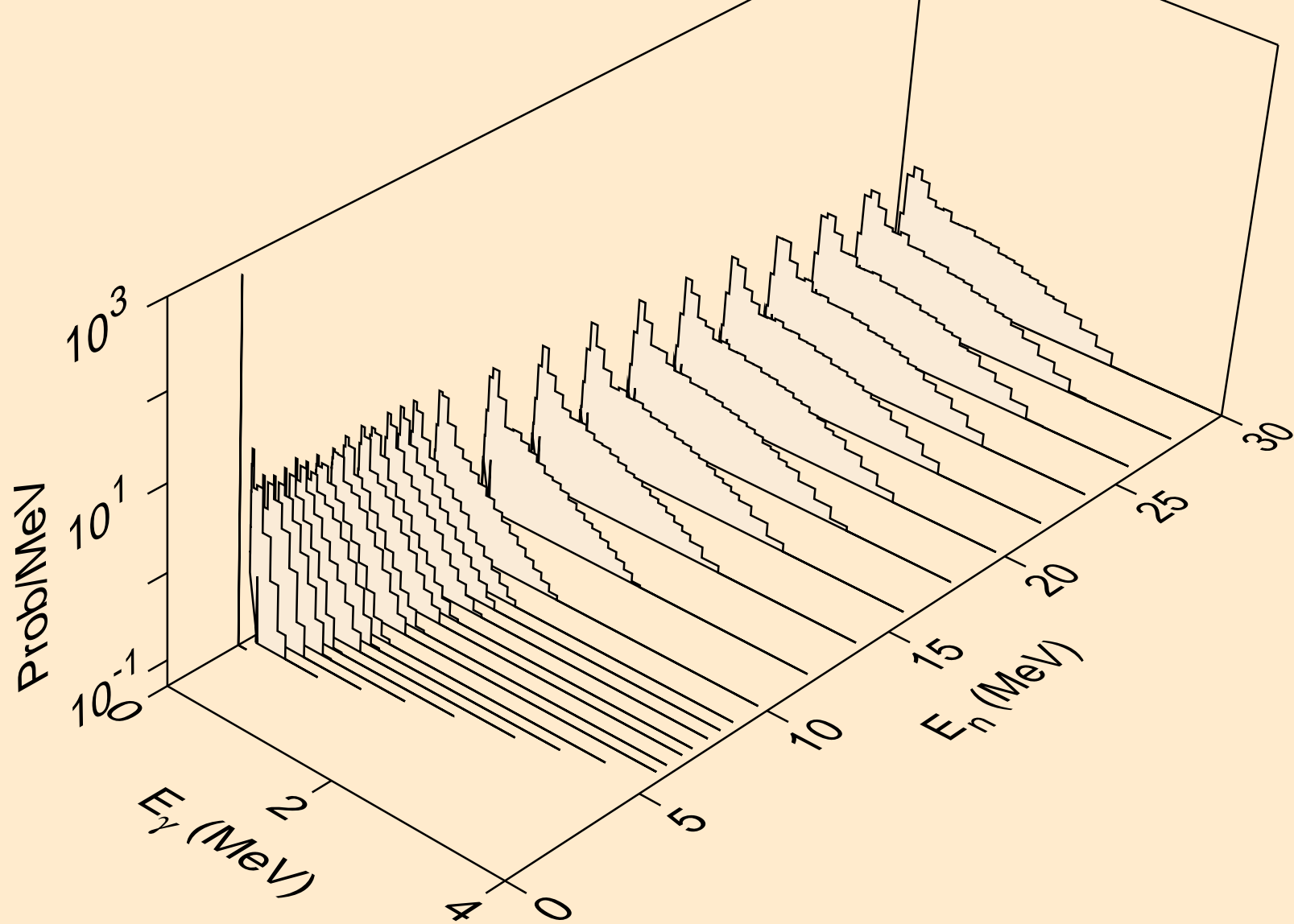
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



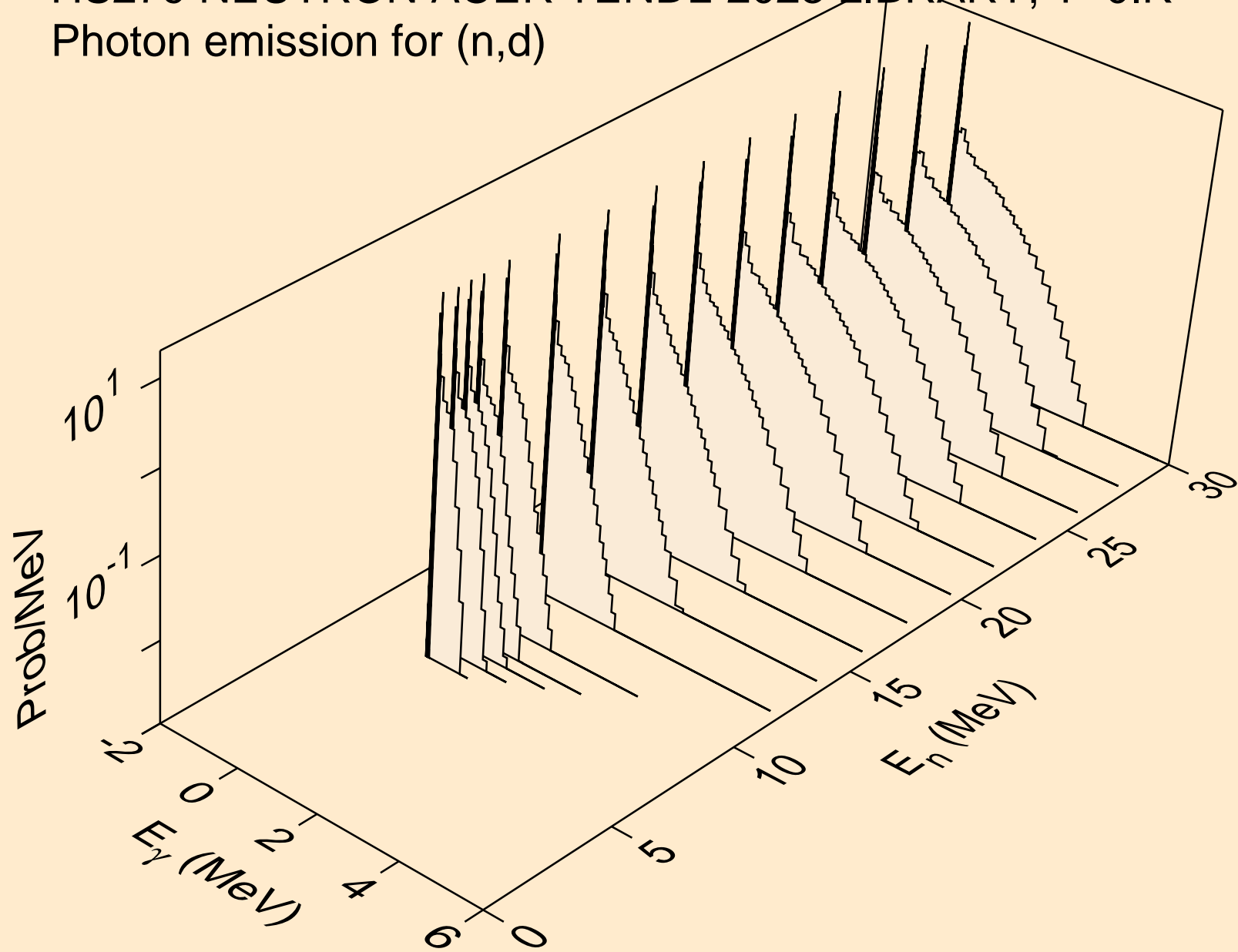
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



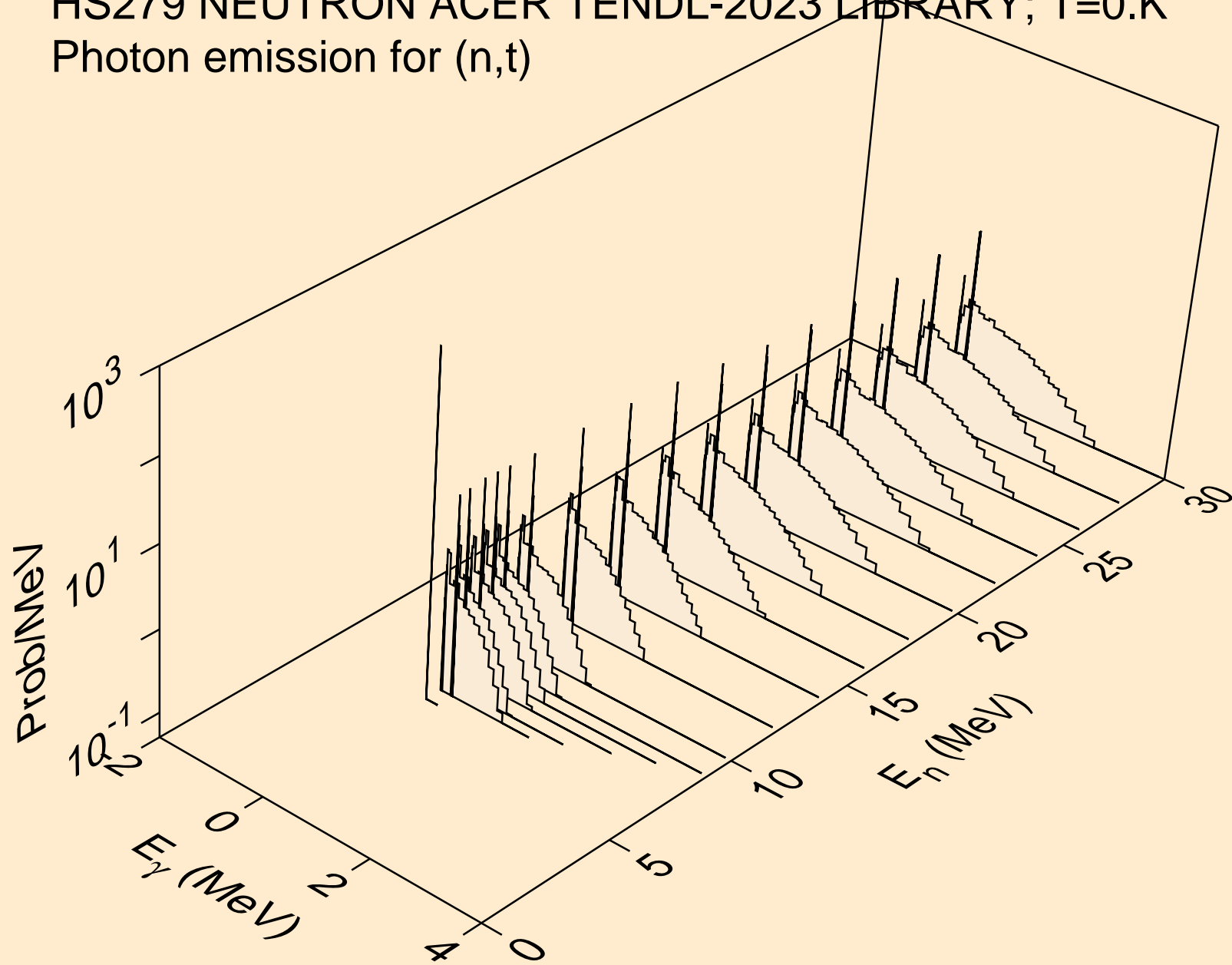
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



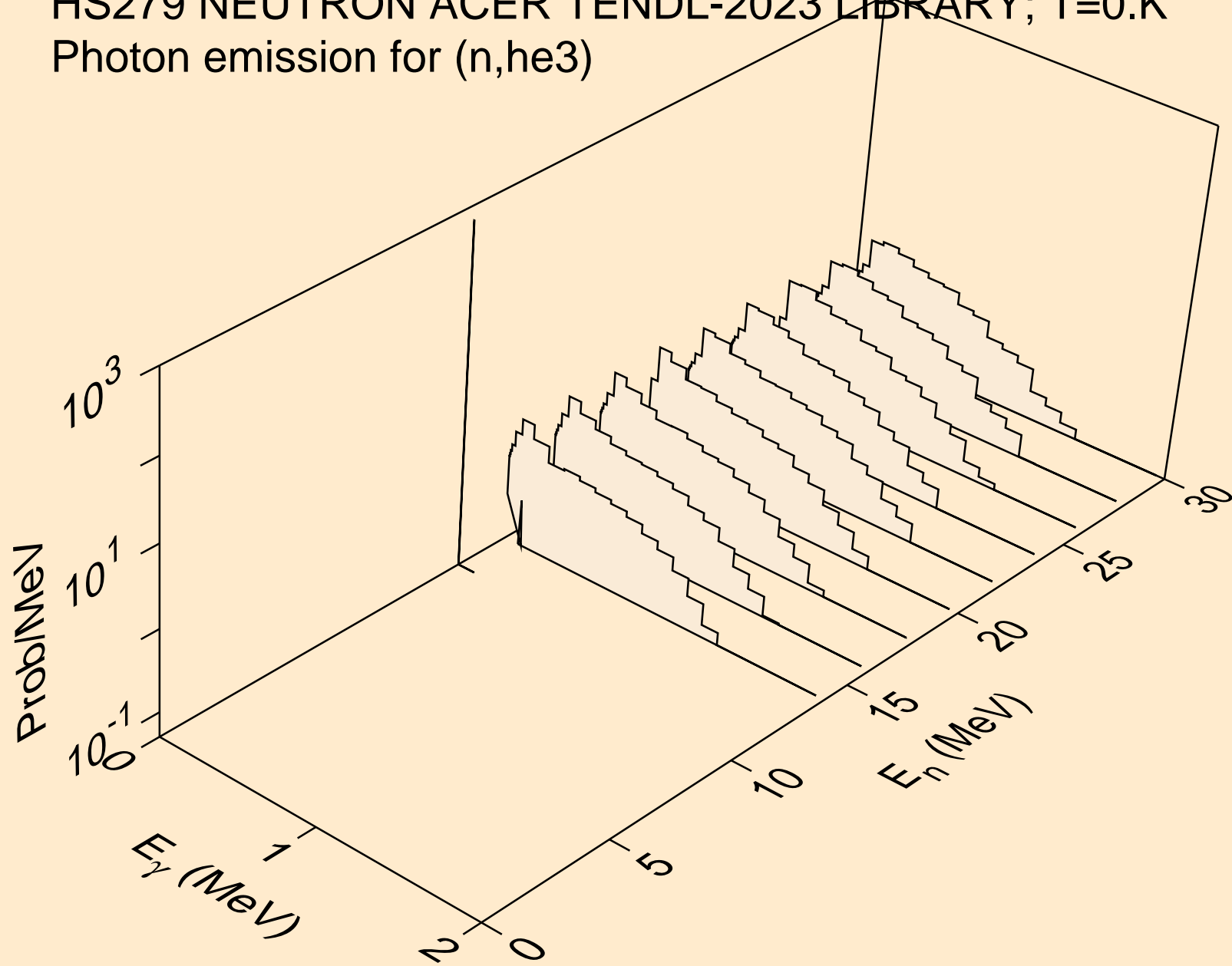
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



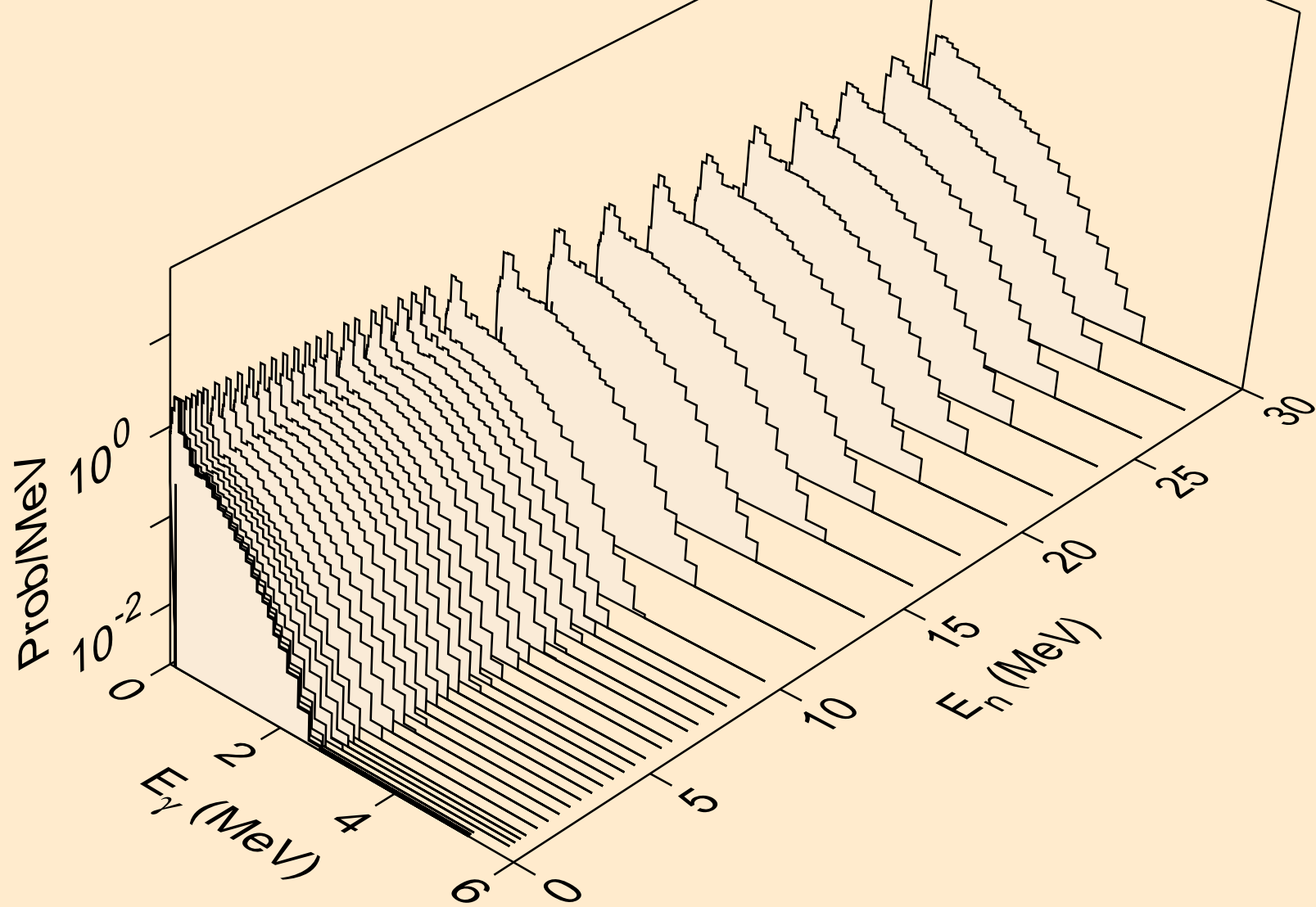
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



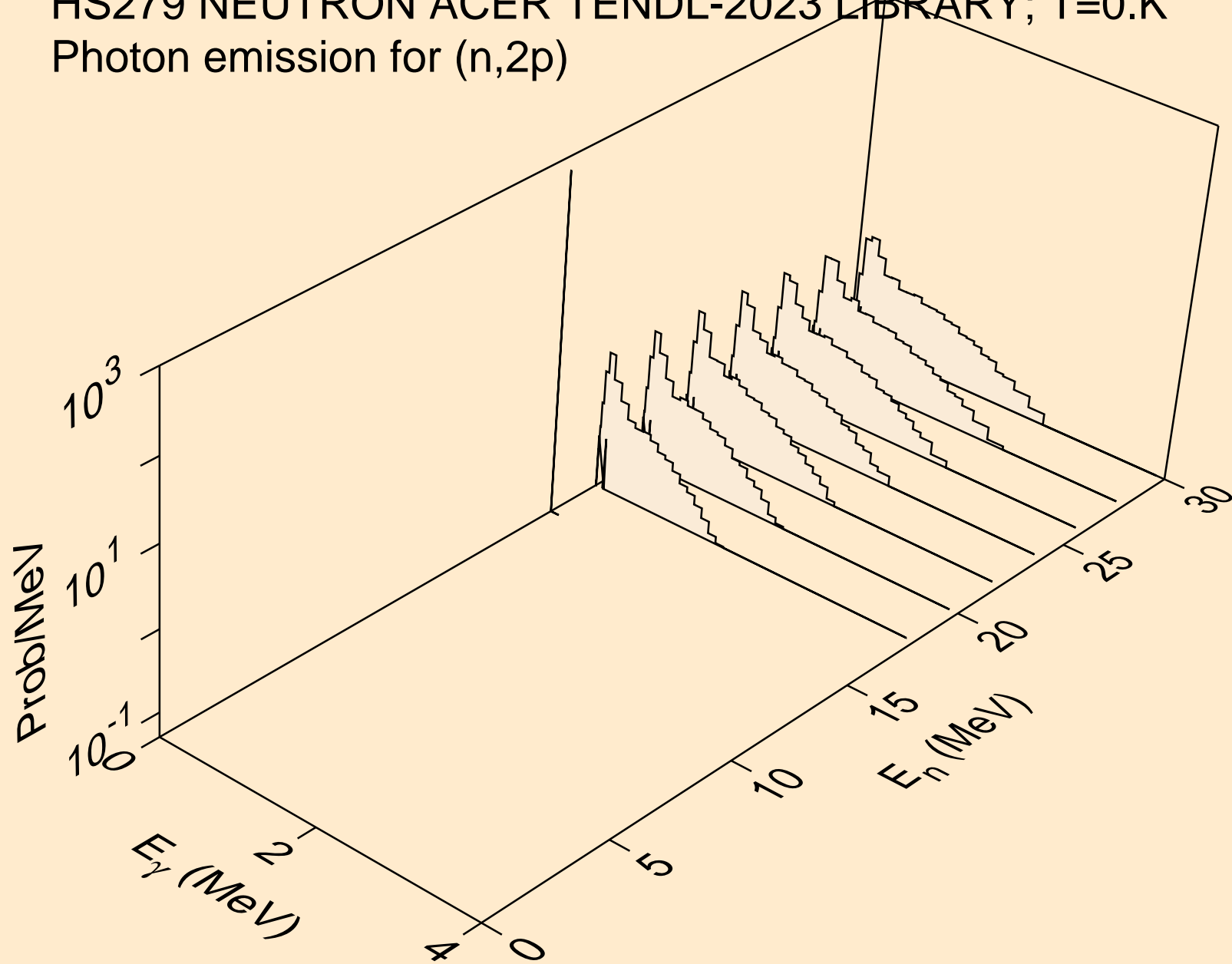
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



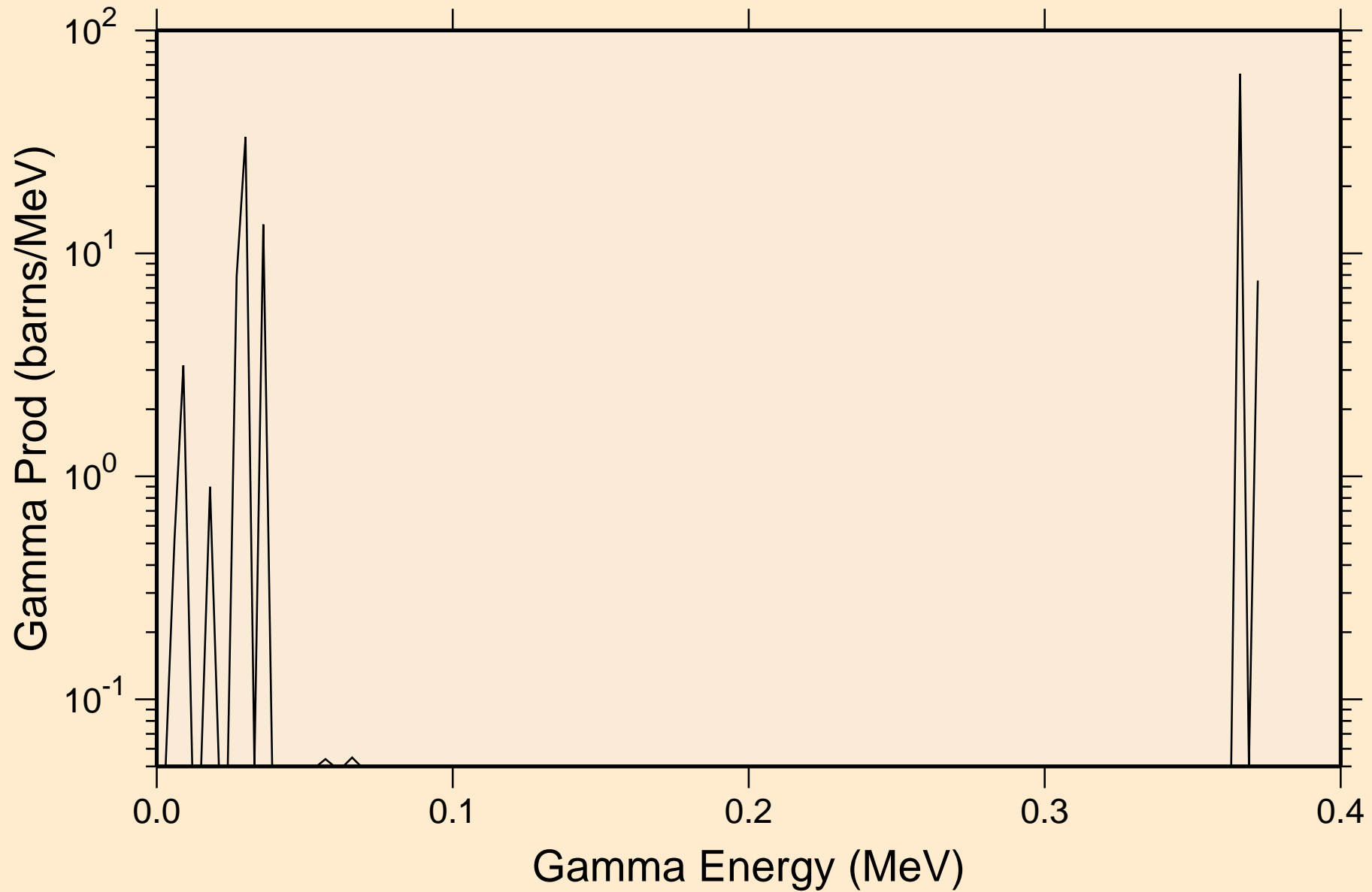
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



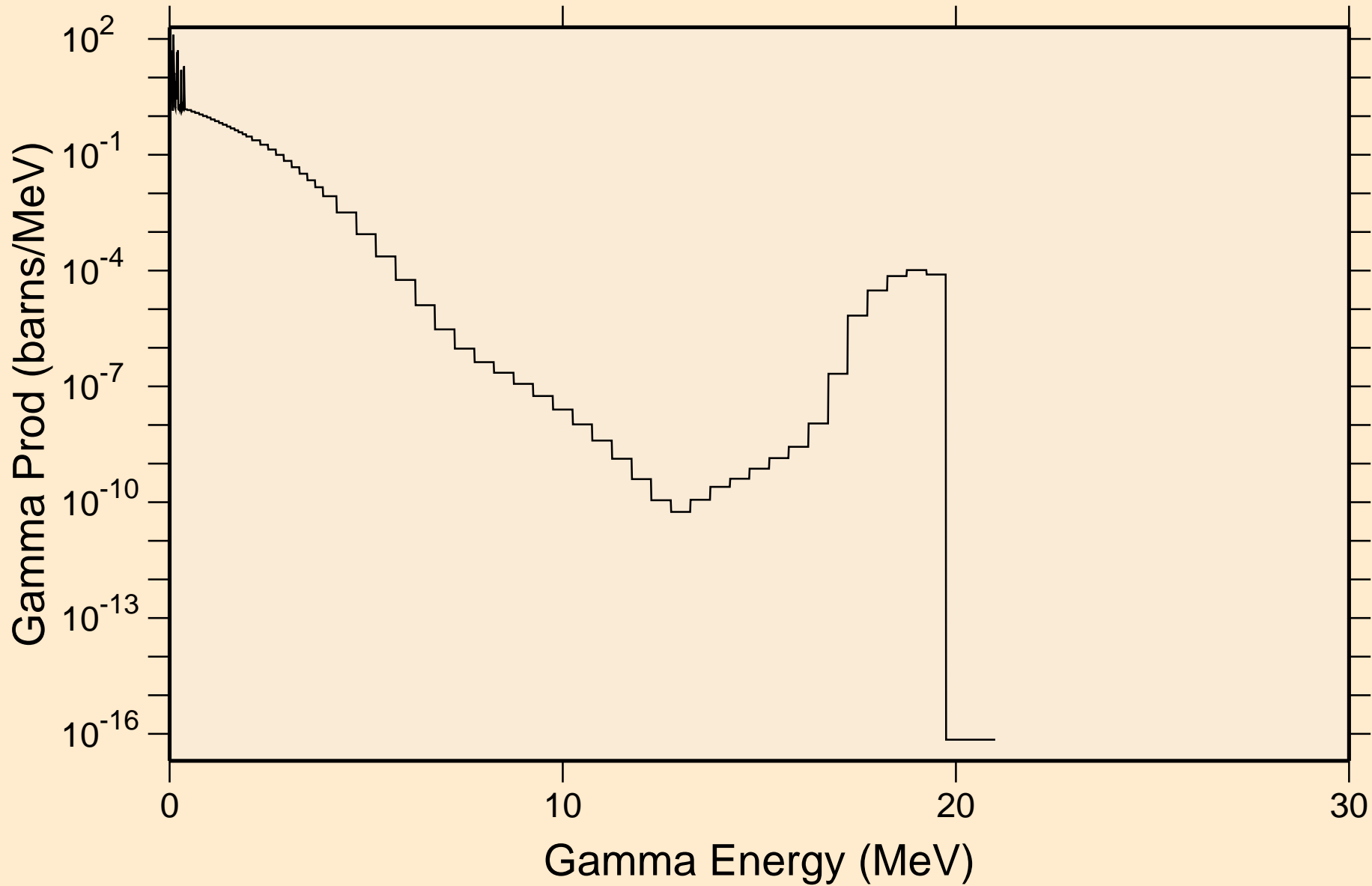
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

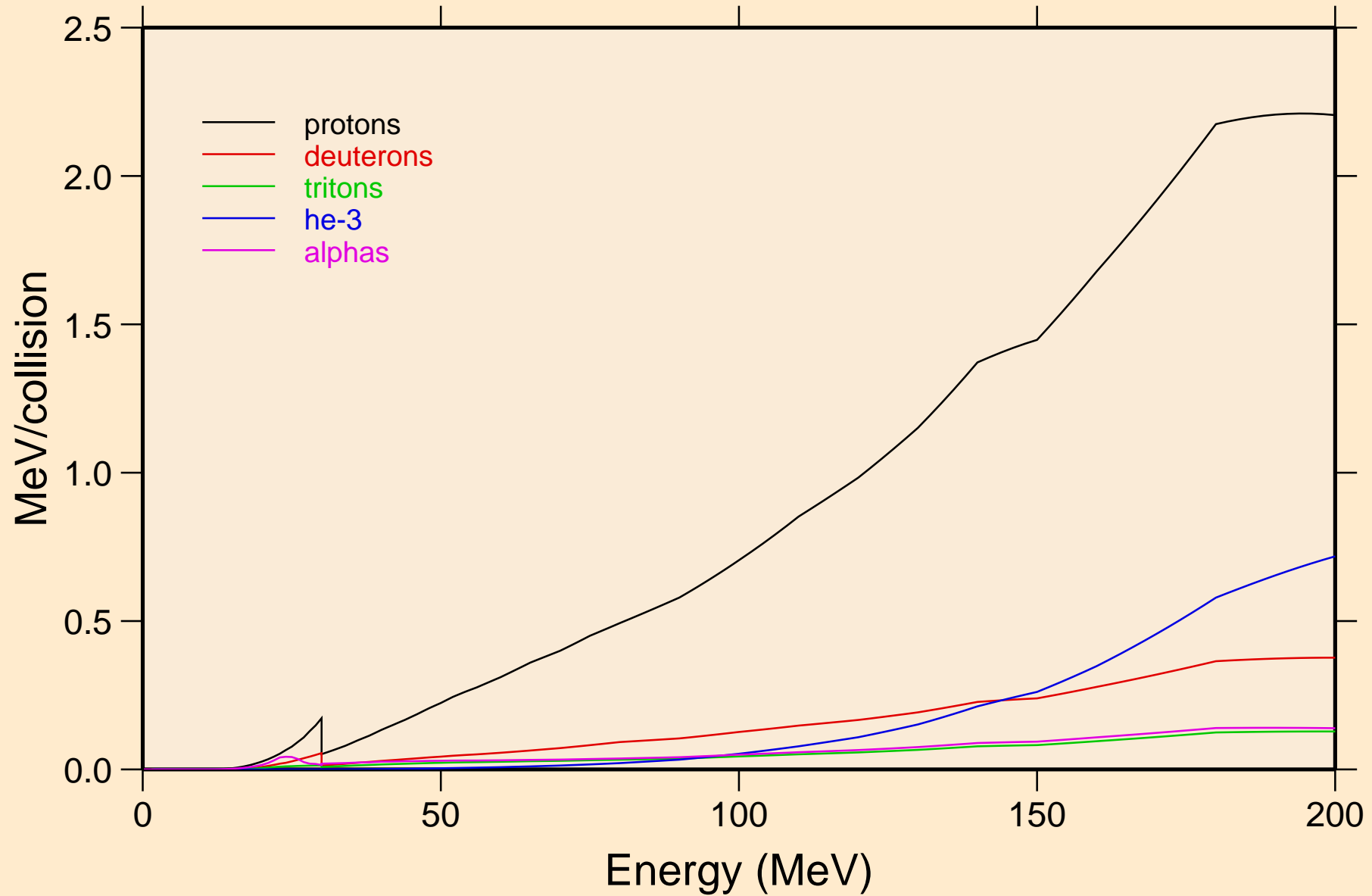


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



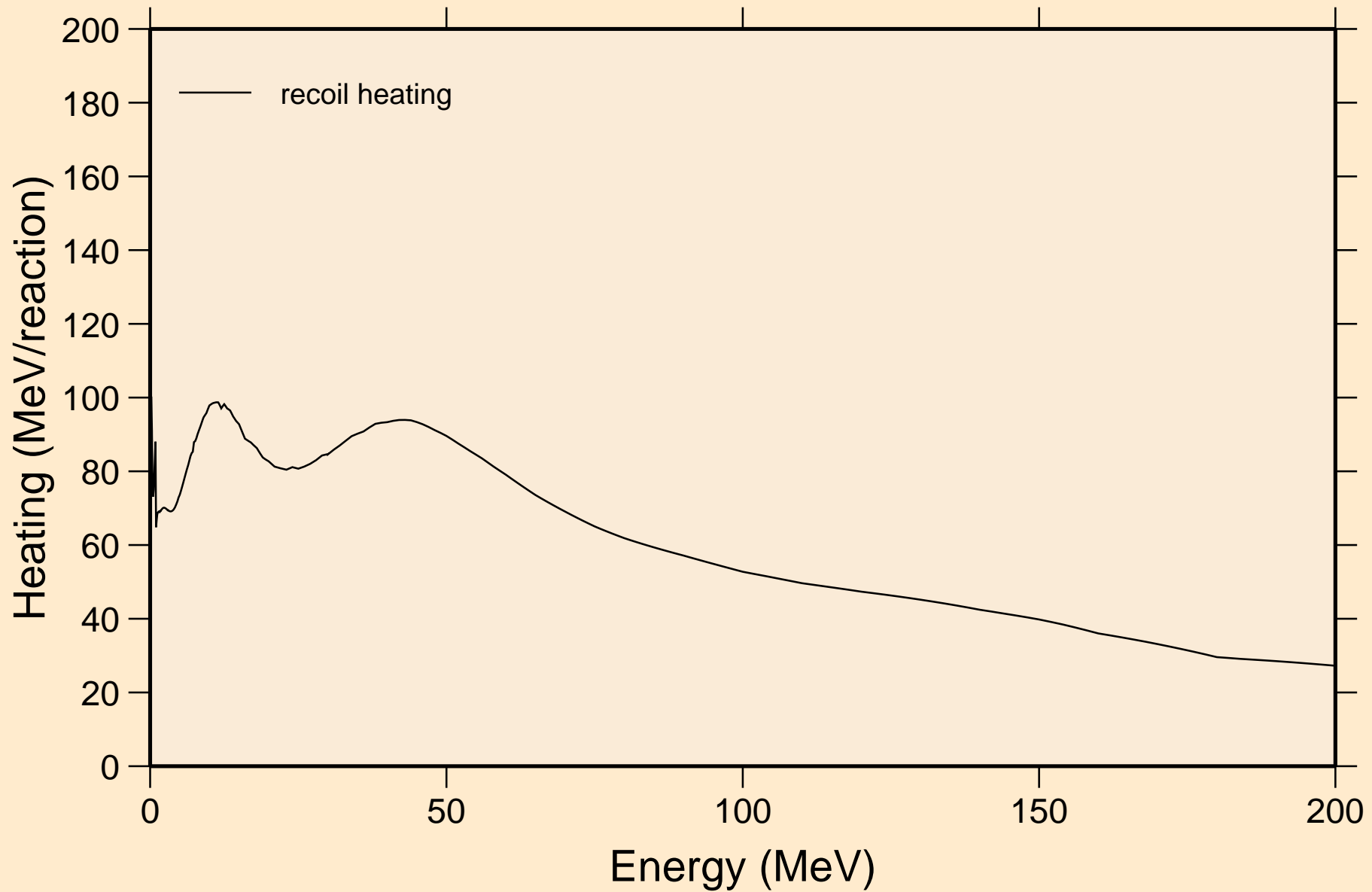
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



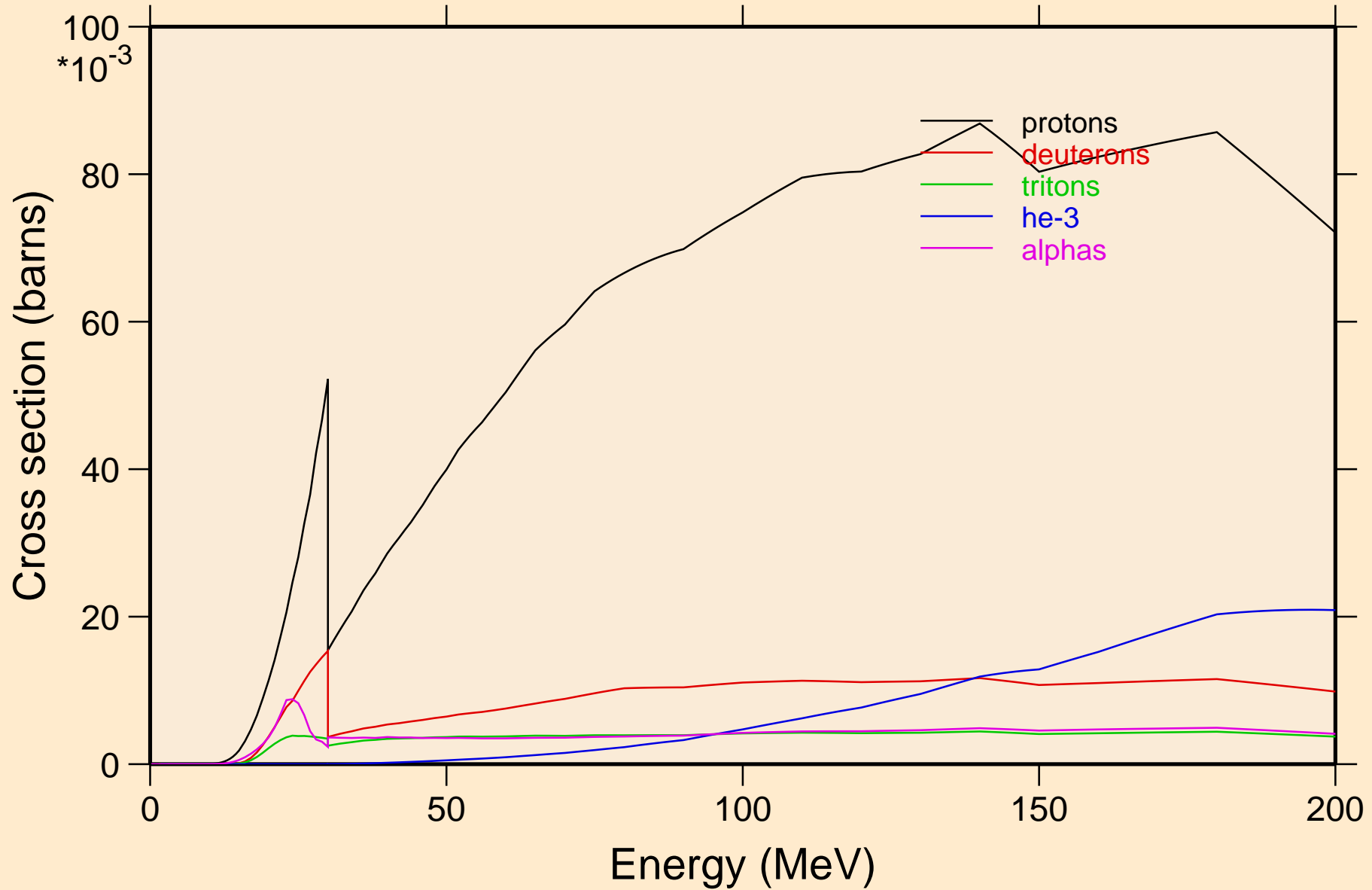
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

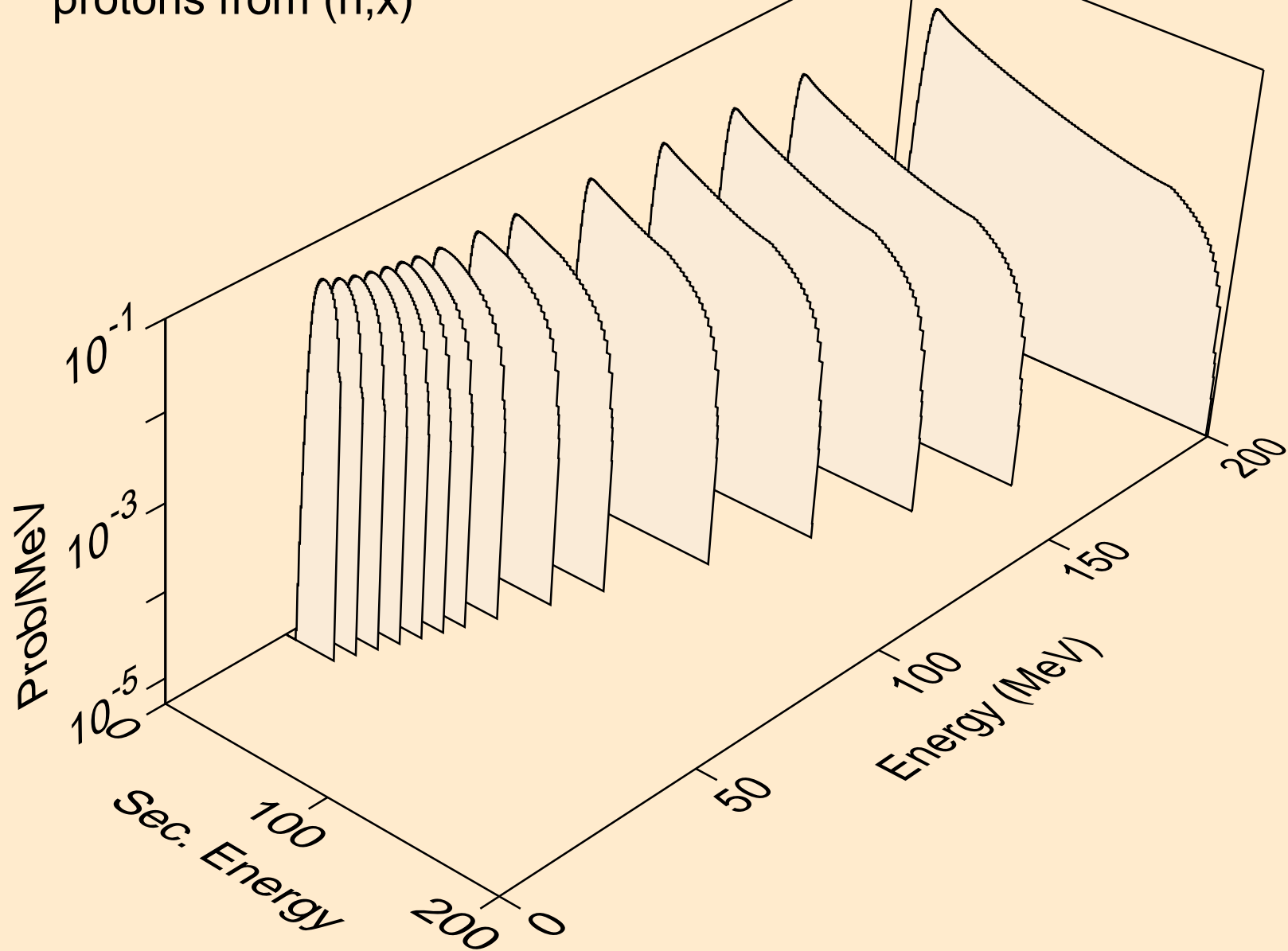


HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

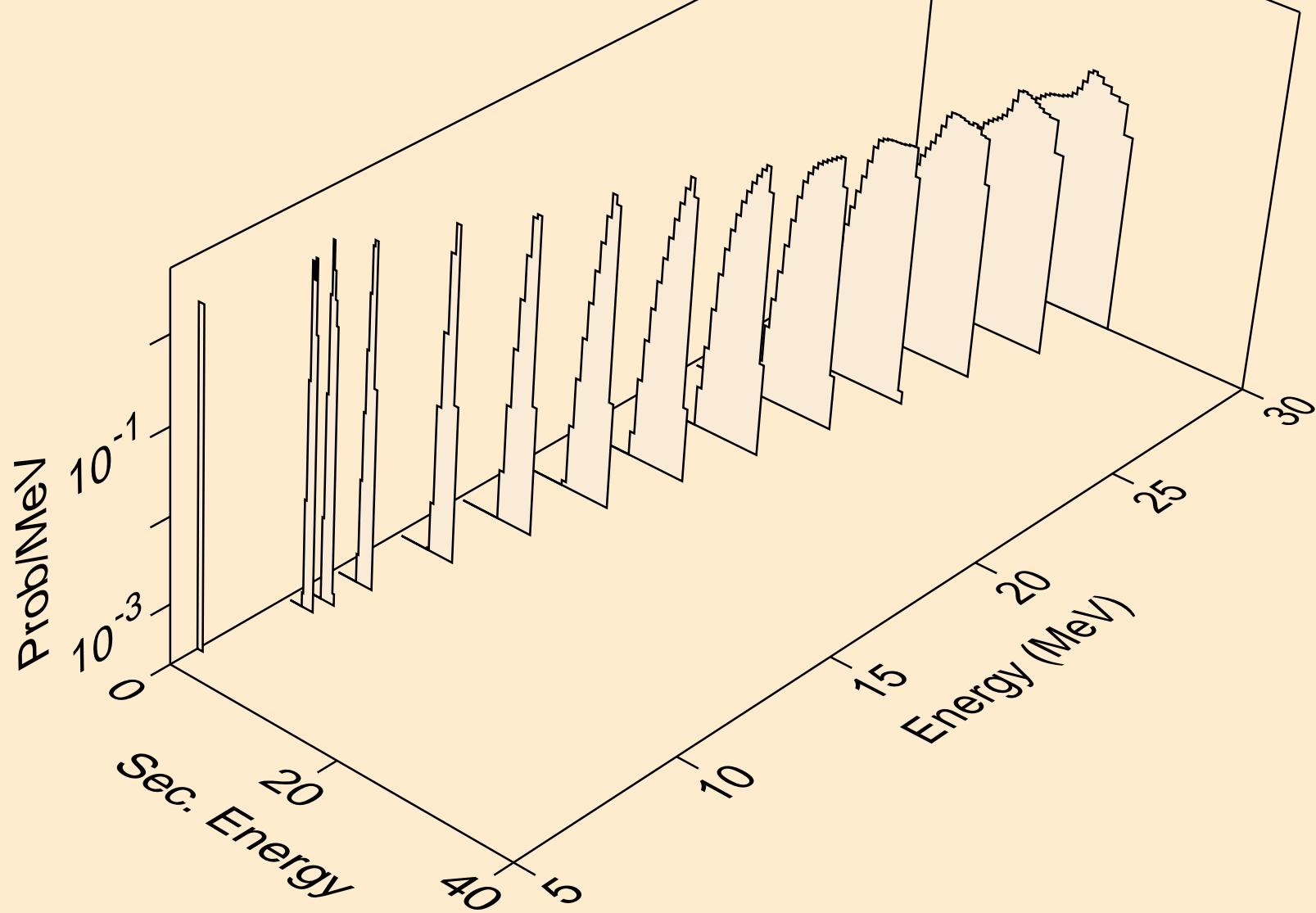
Particle production cross sections



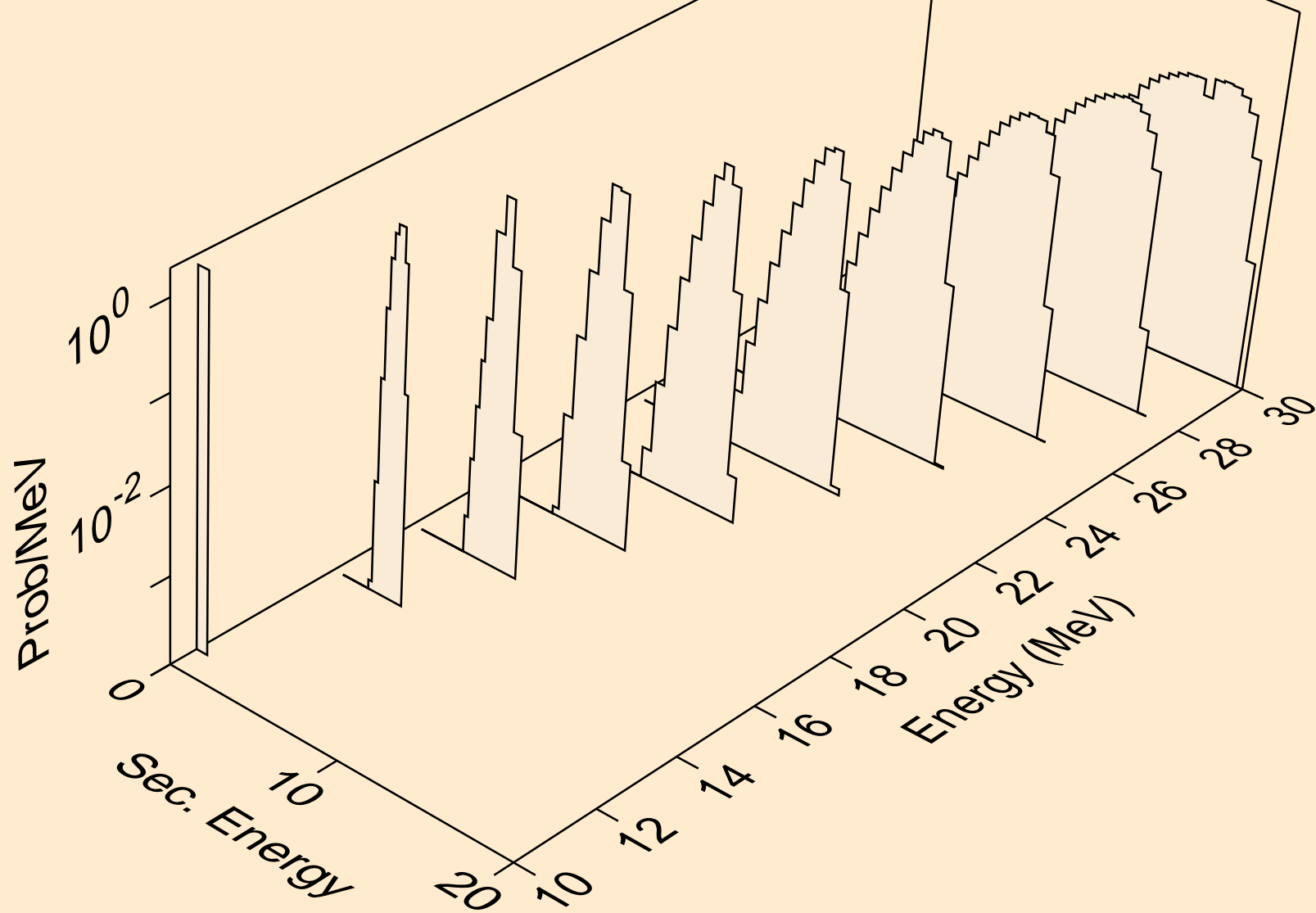
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



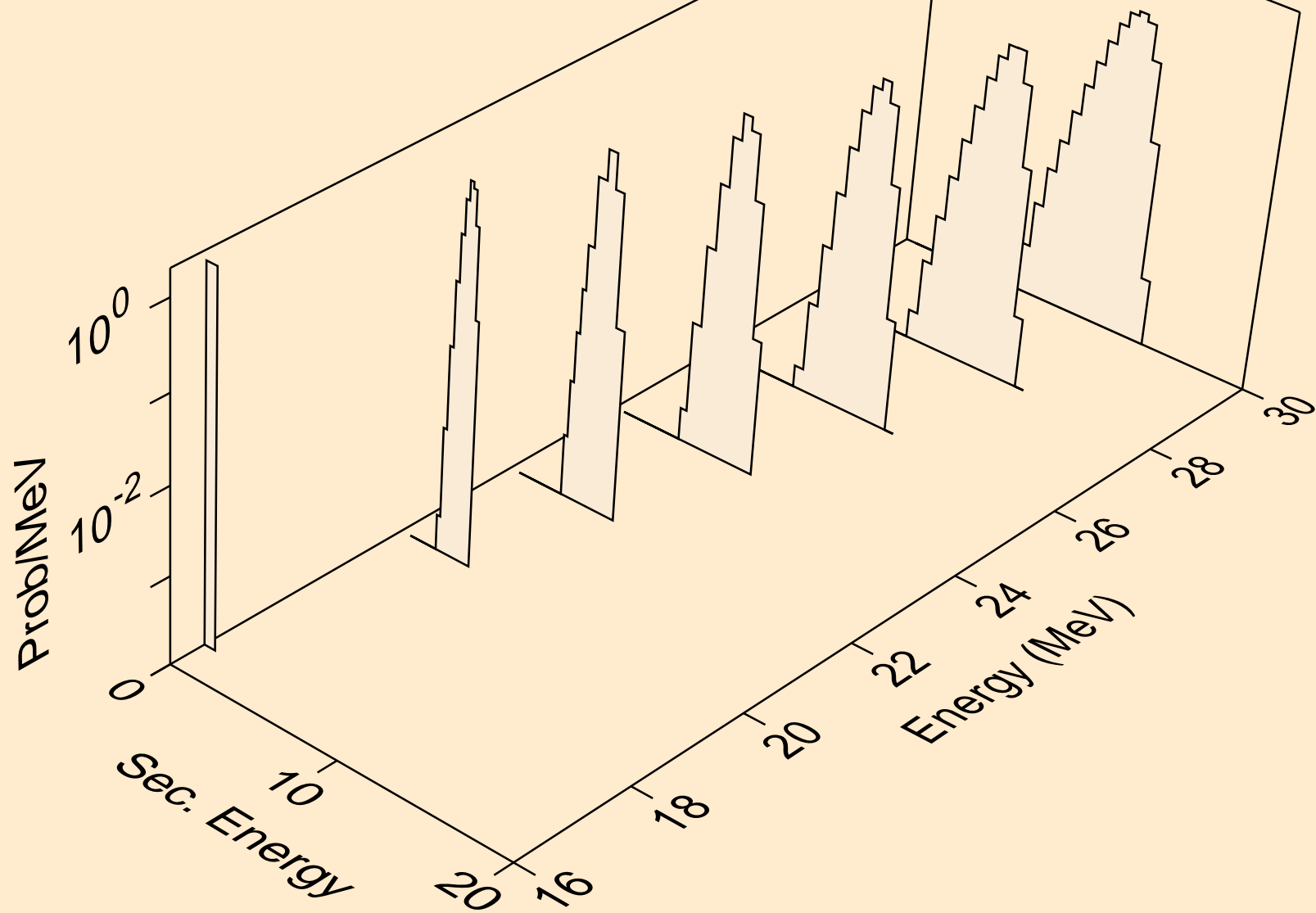
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



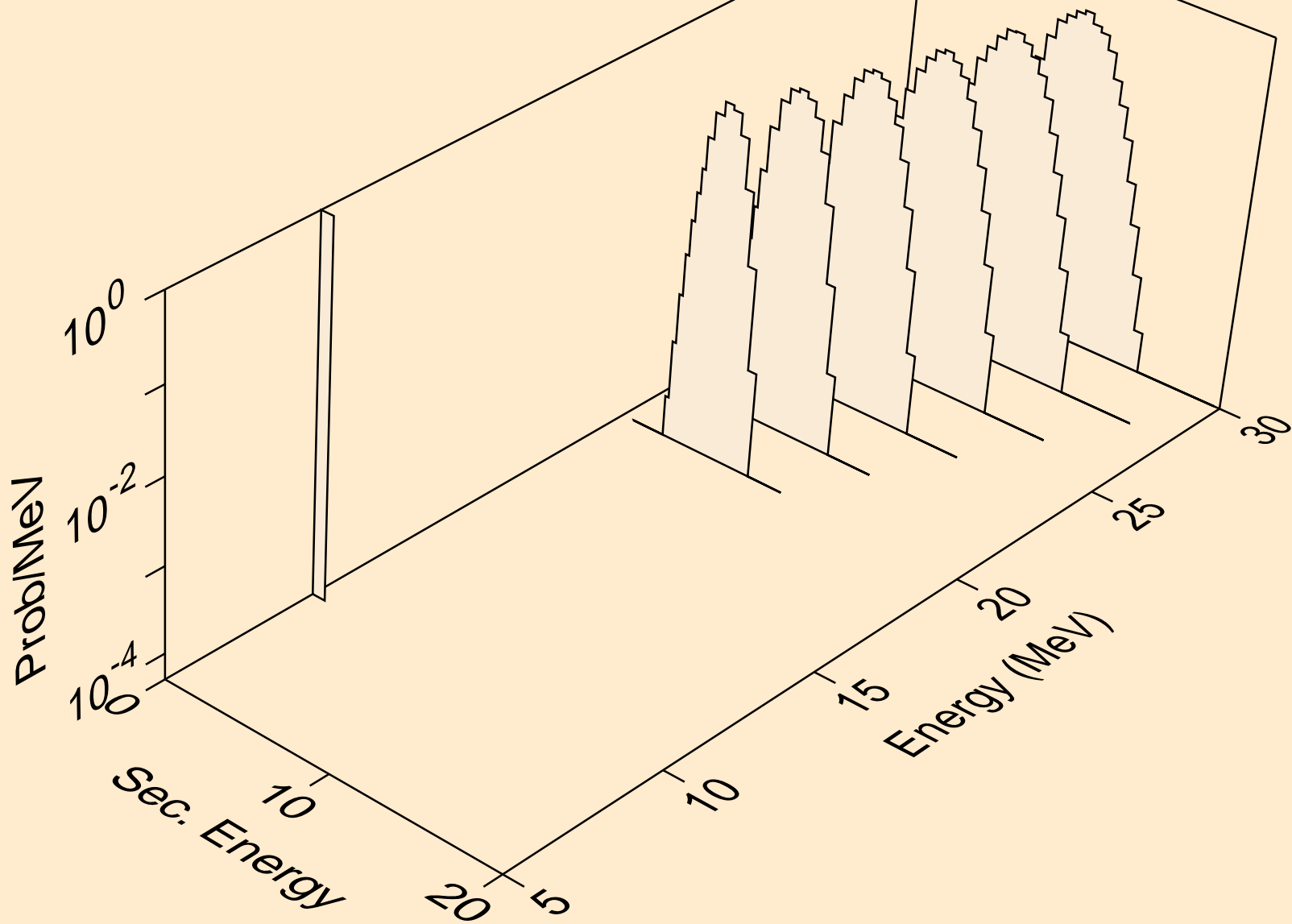
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



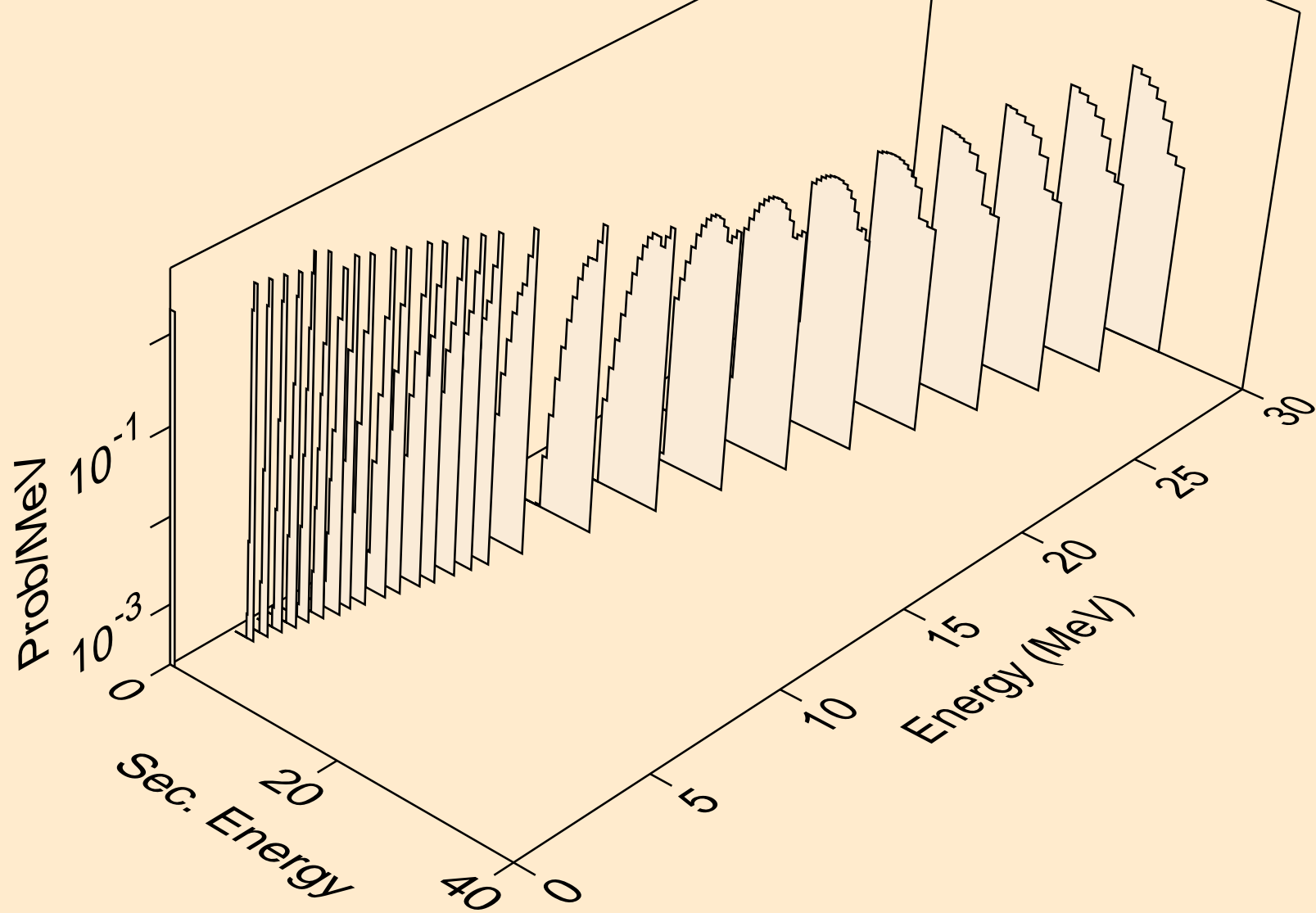
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



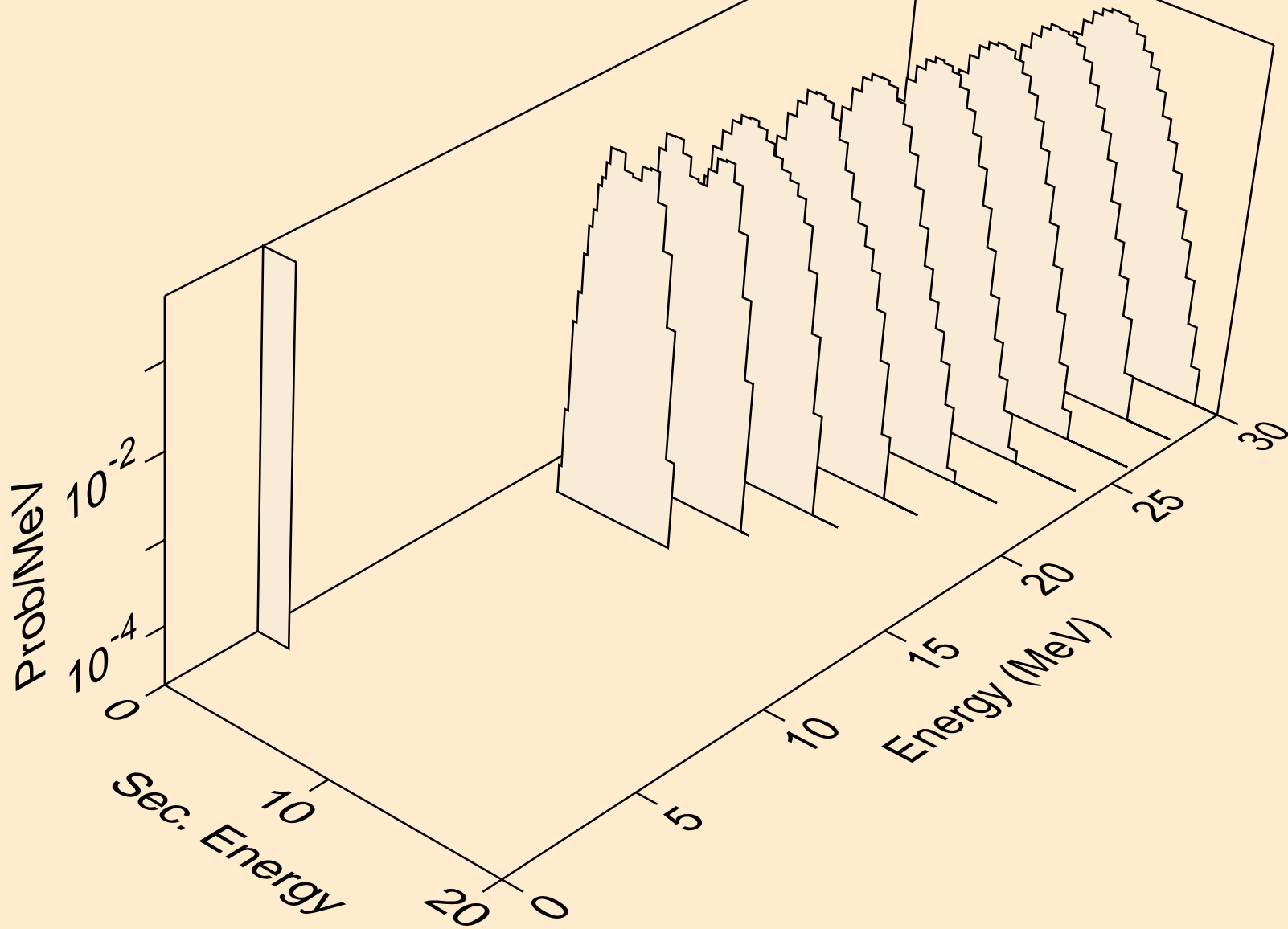
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



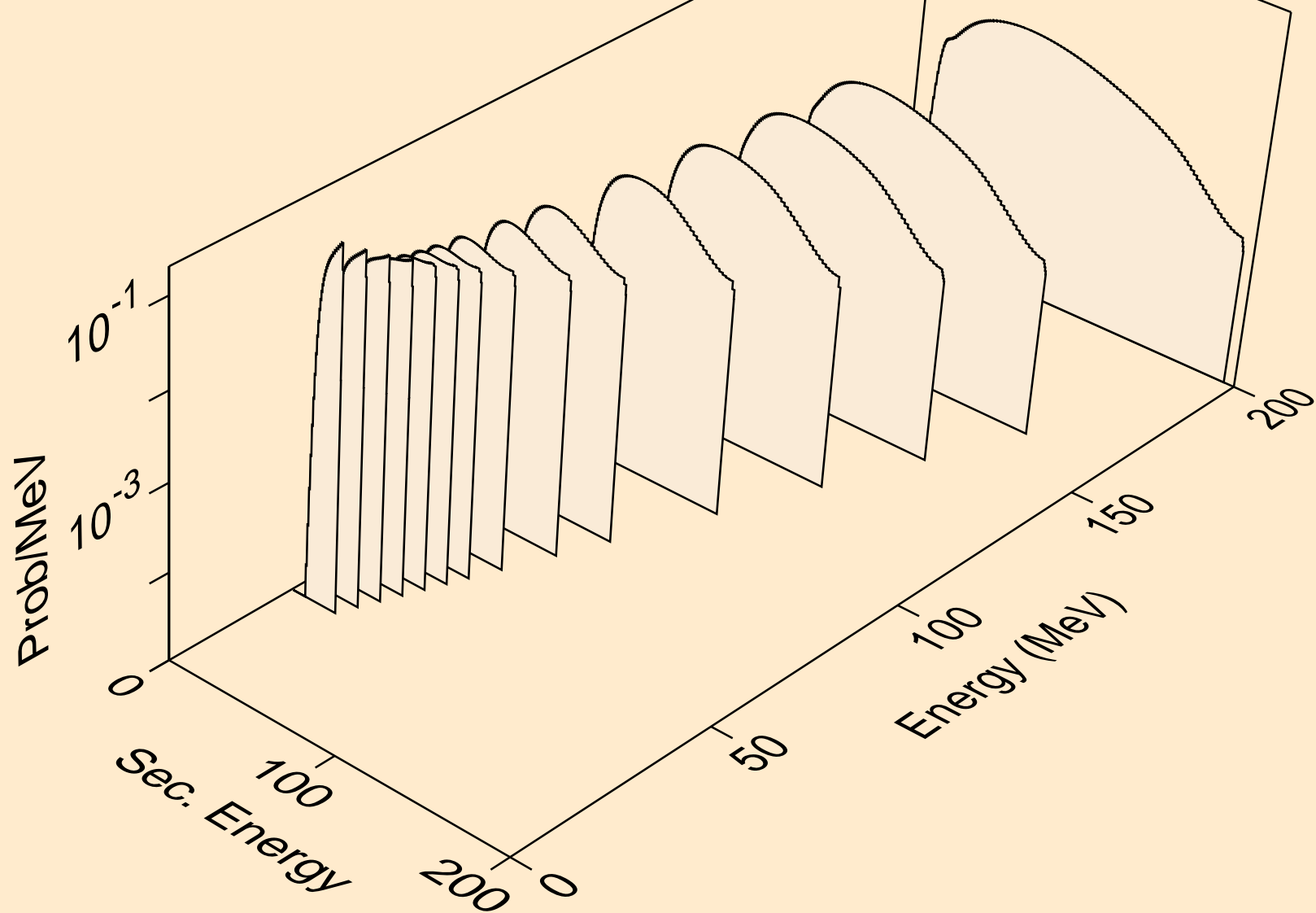
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



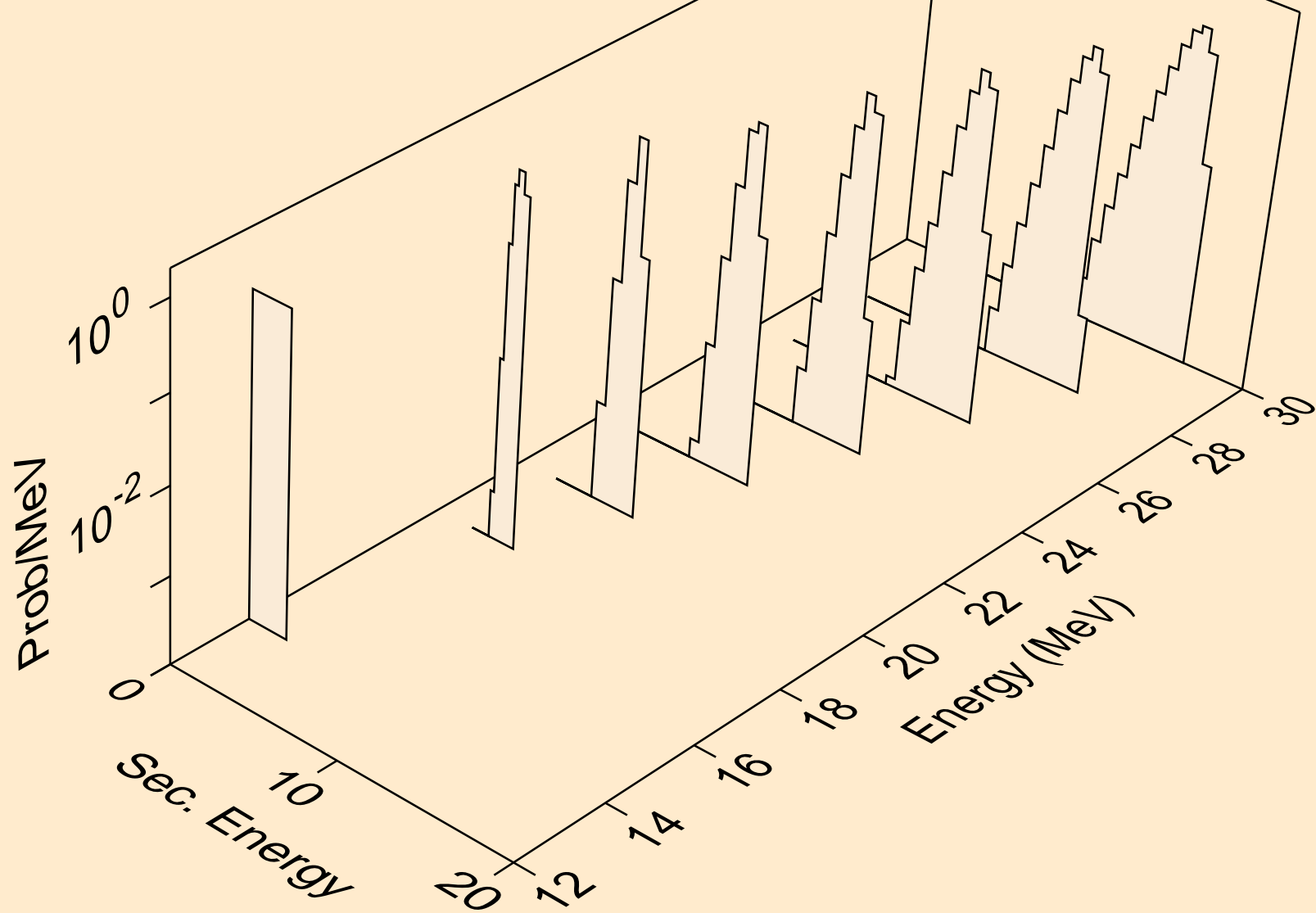
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



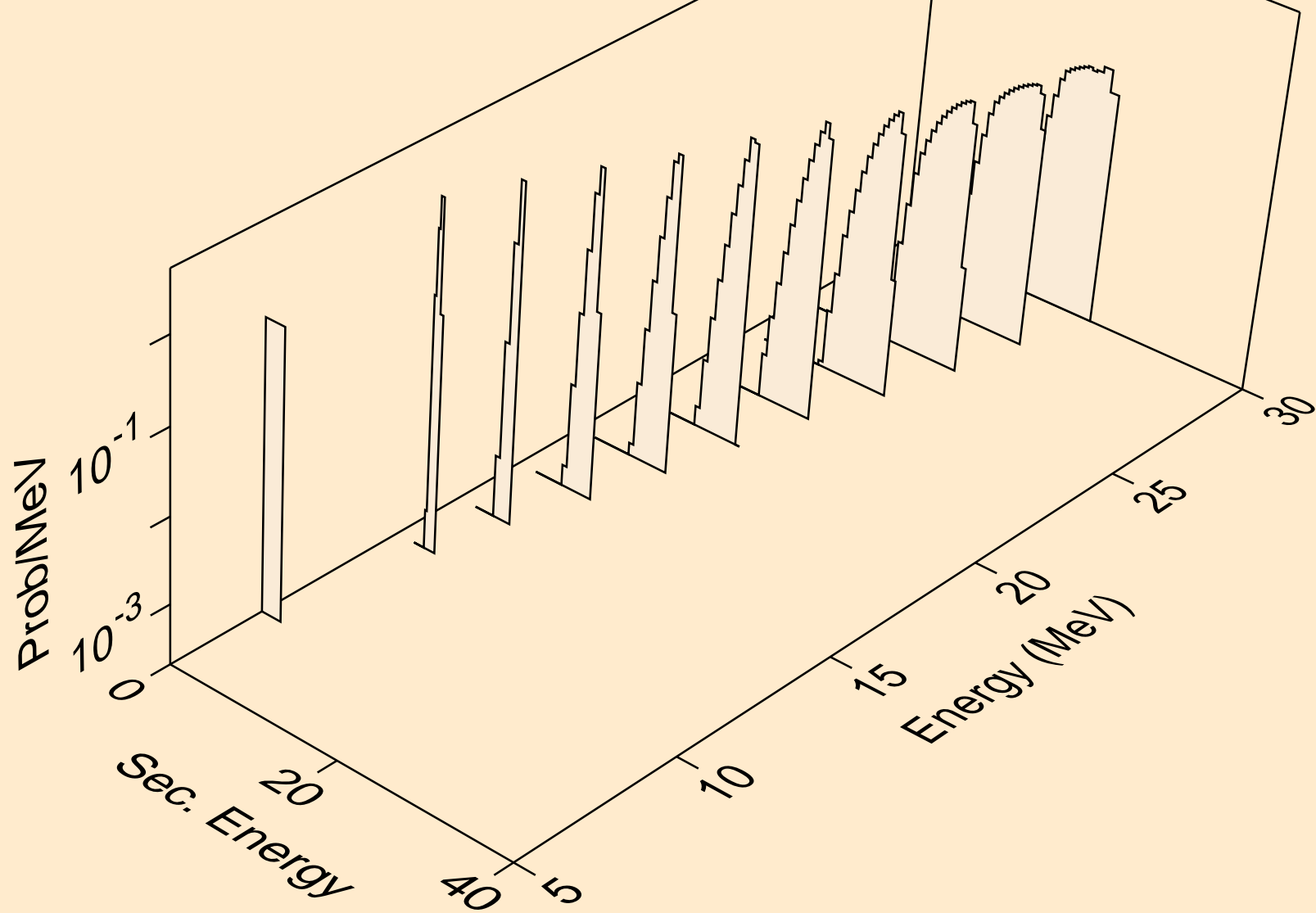
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



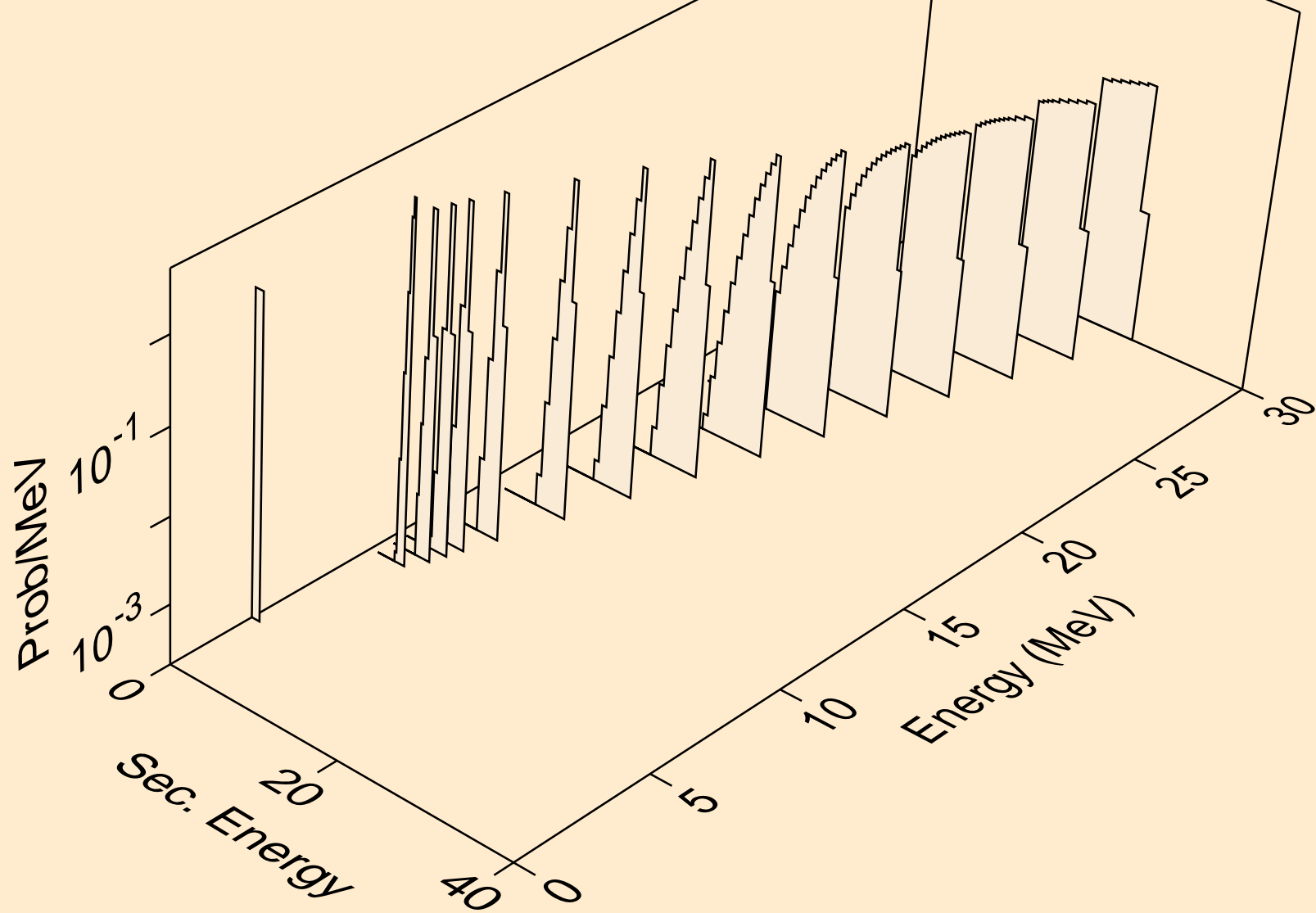
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



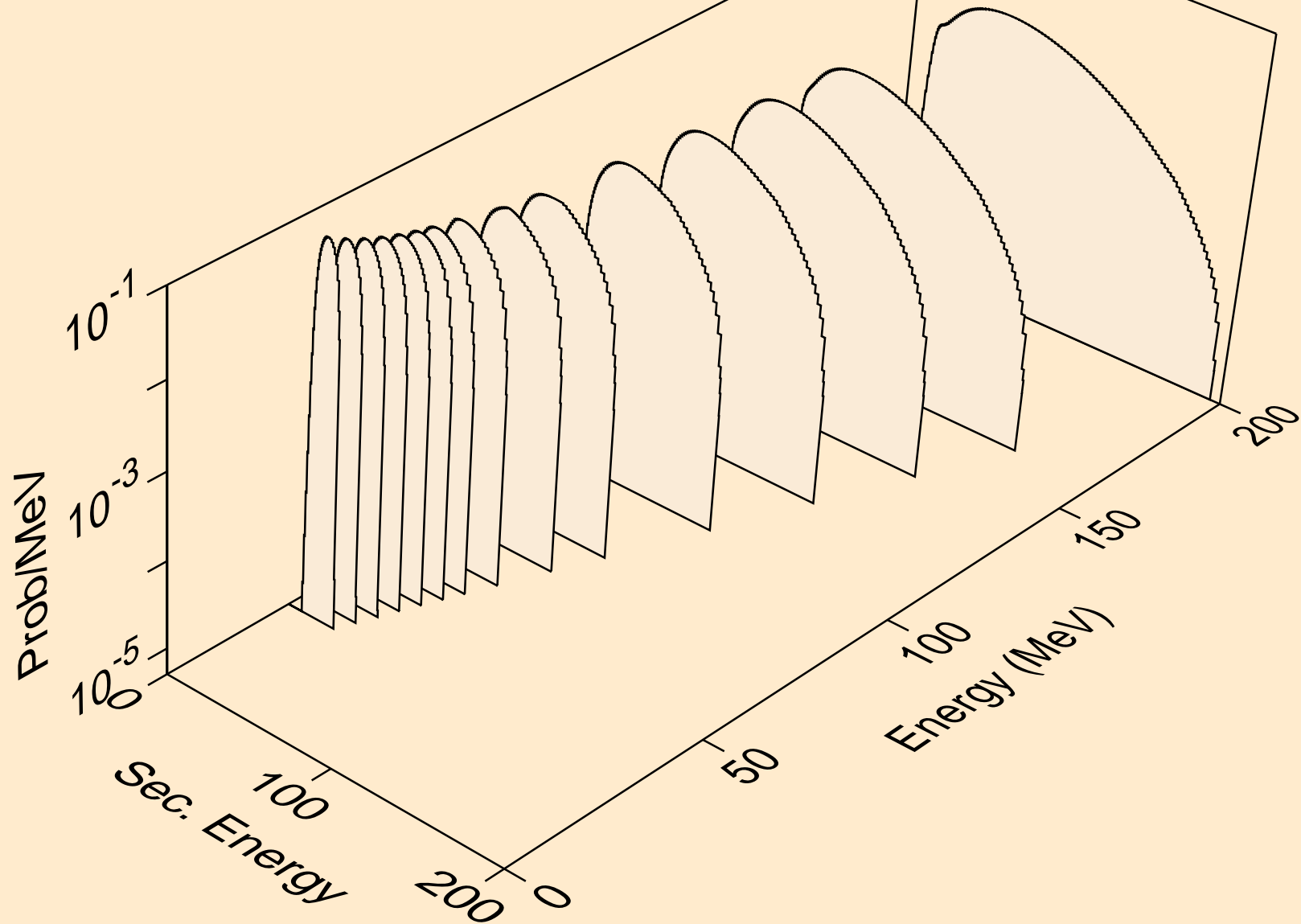
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



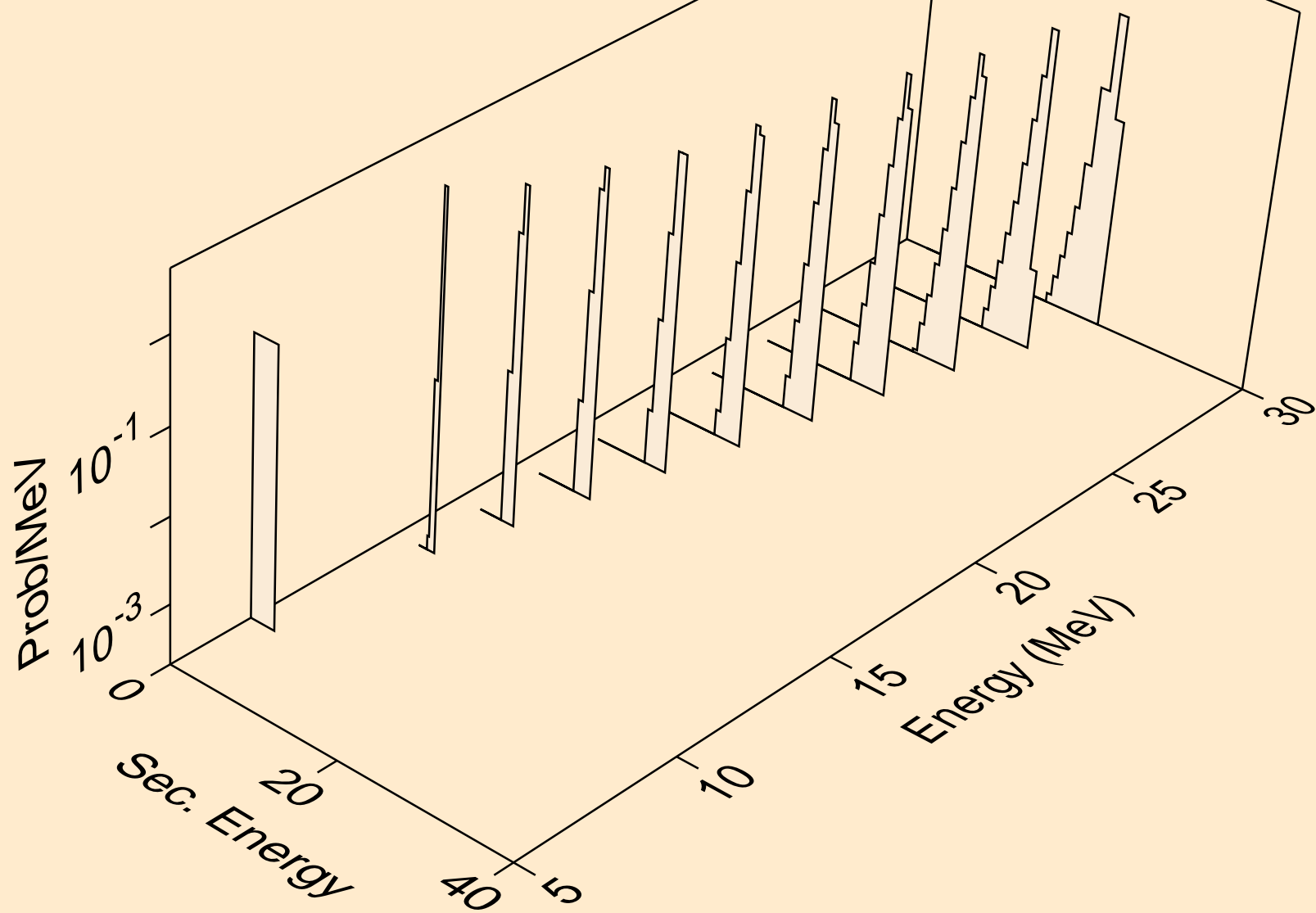
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deuterons from (n,d)



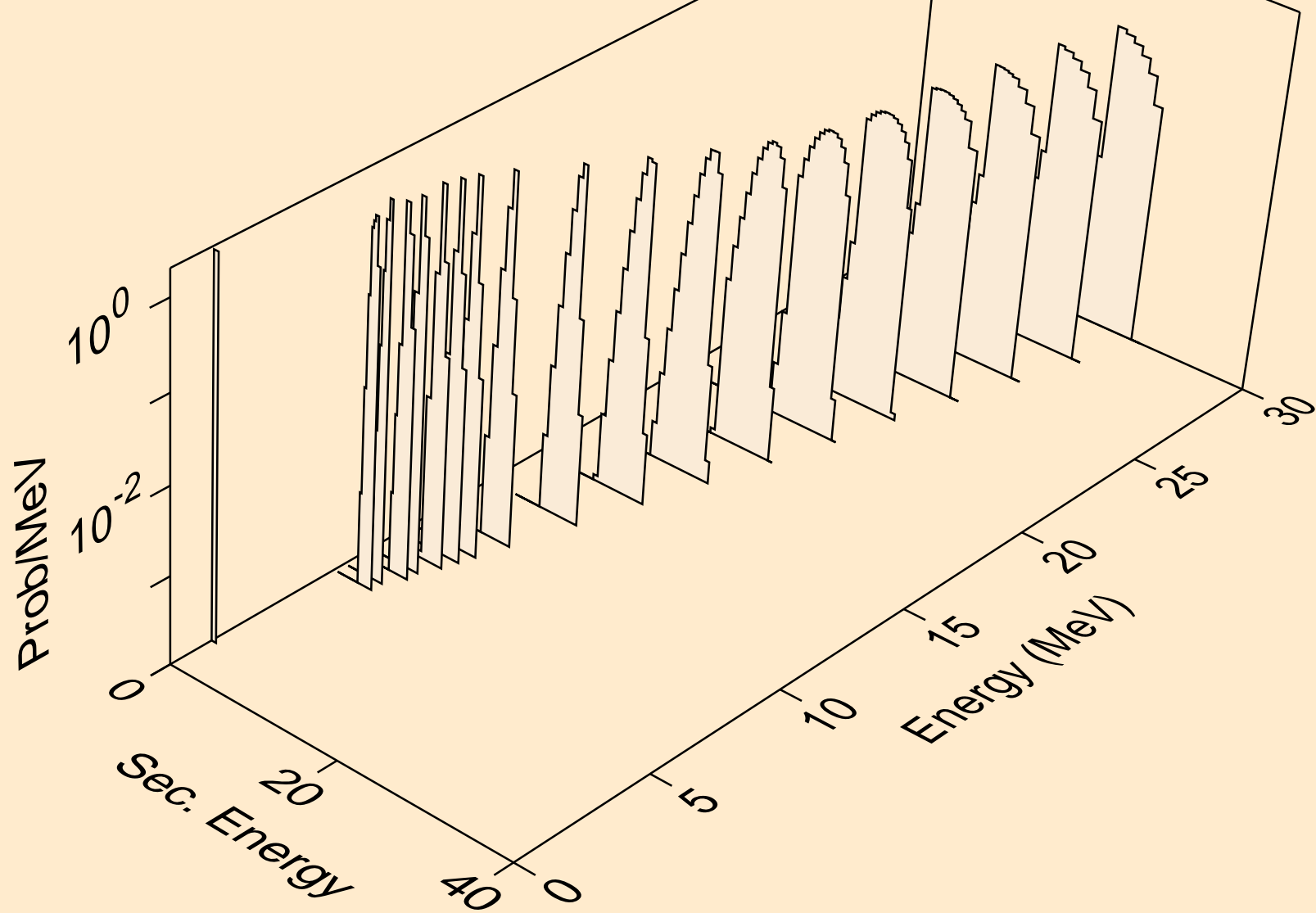
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



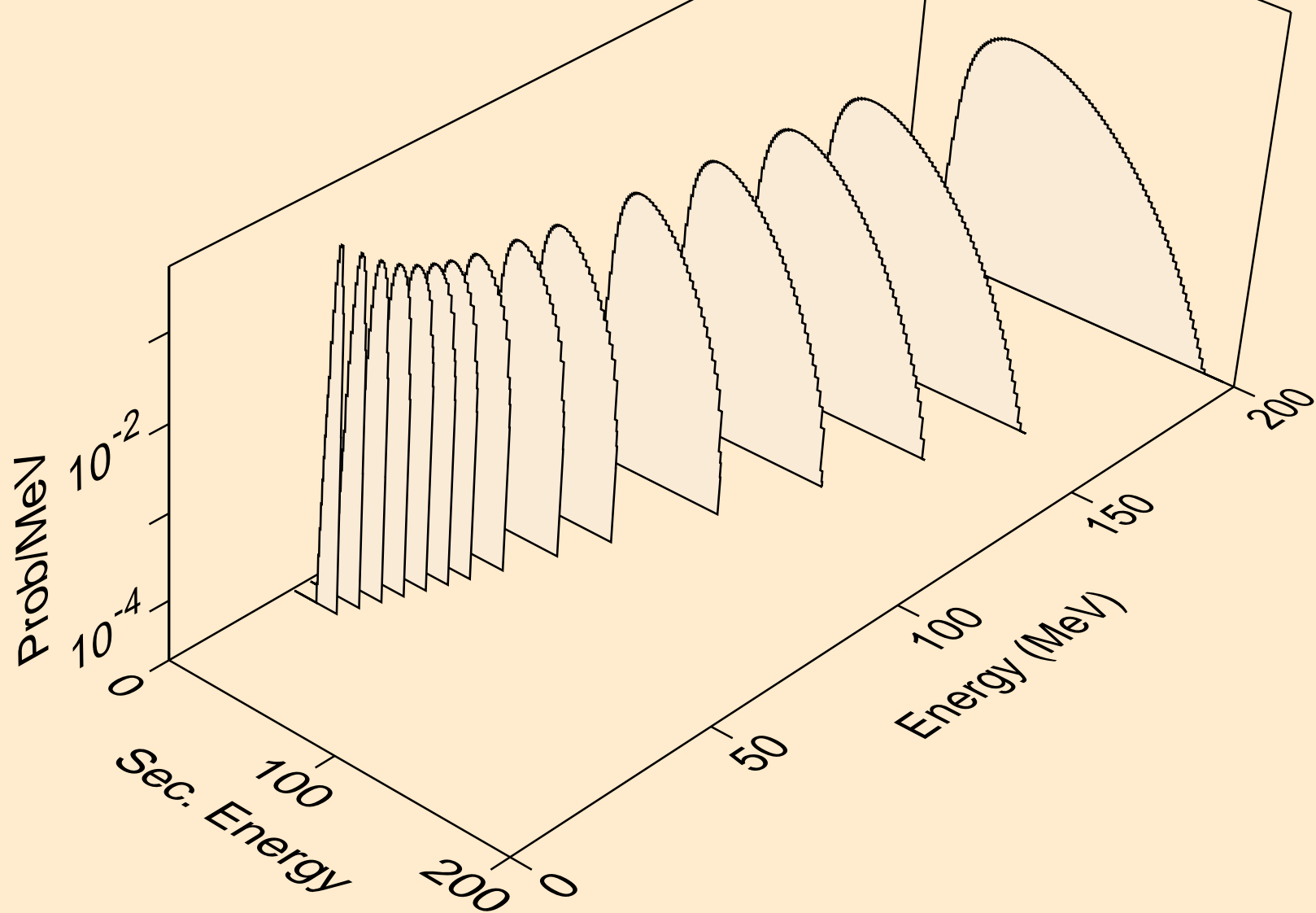
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



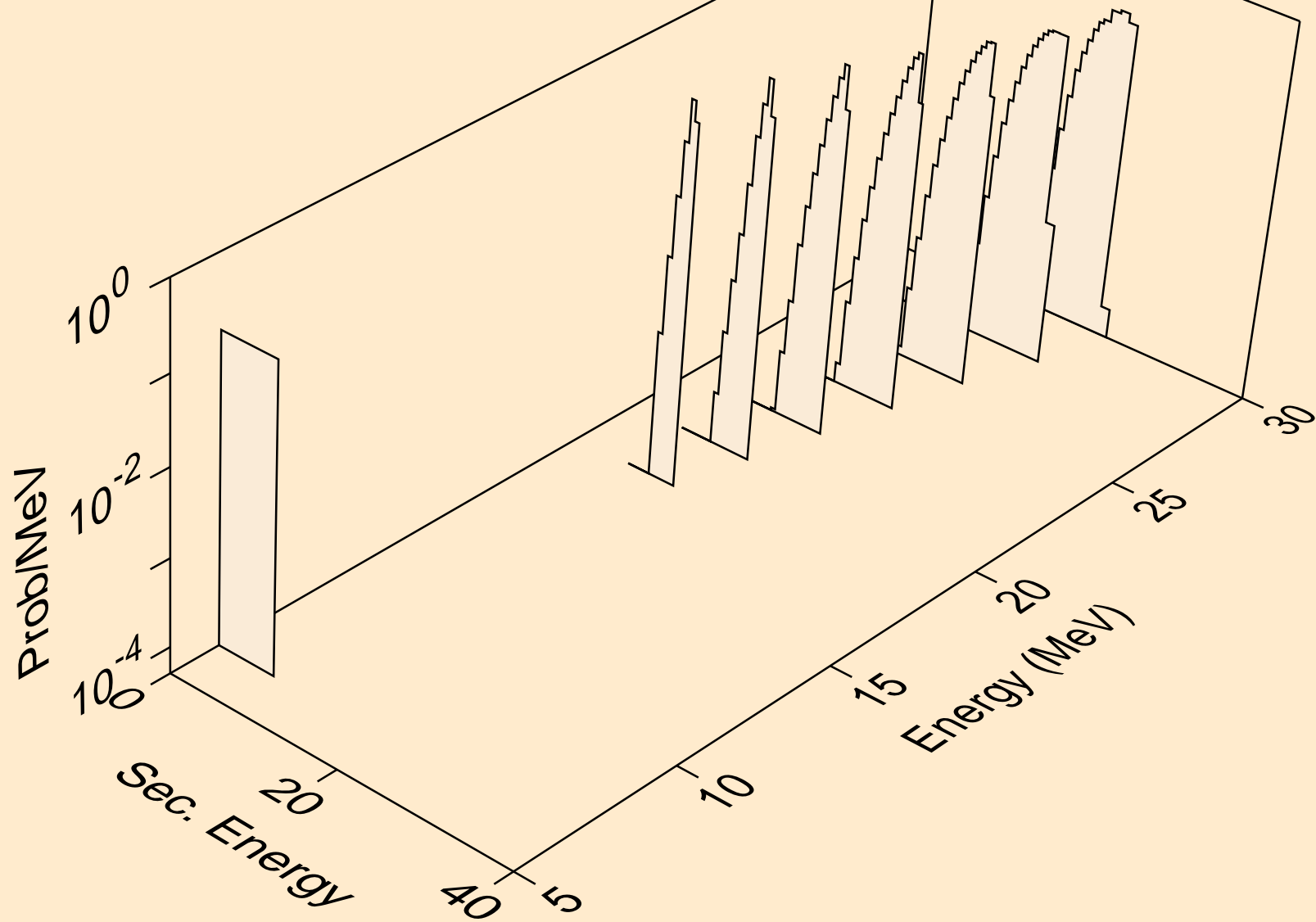
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tritons from (n,t)



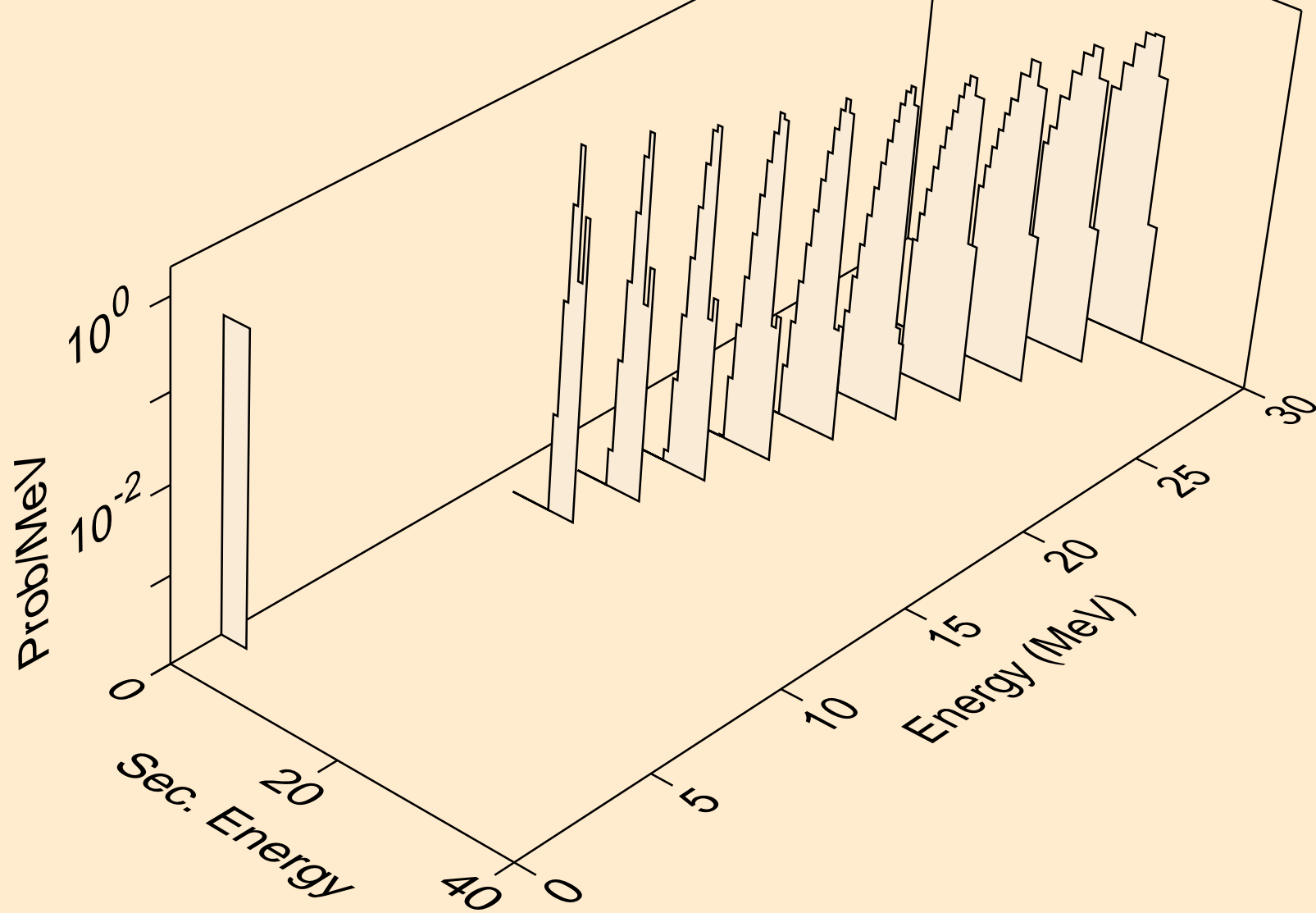
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



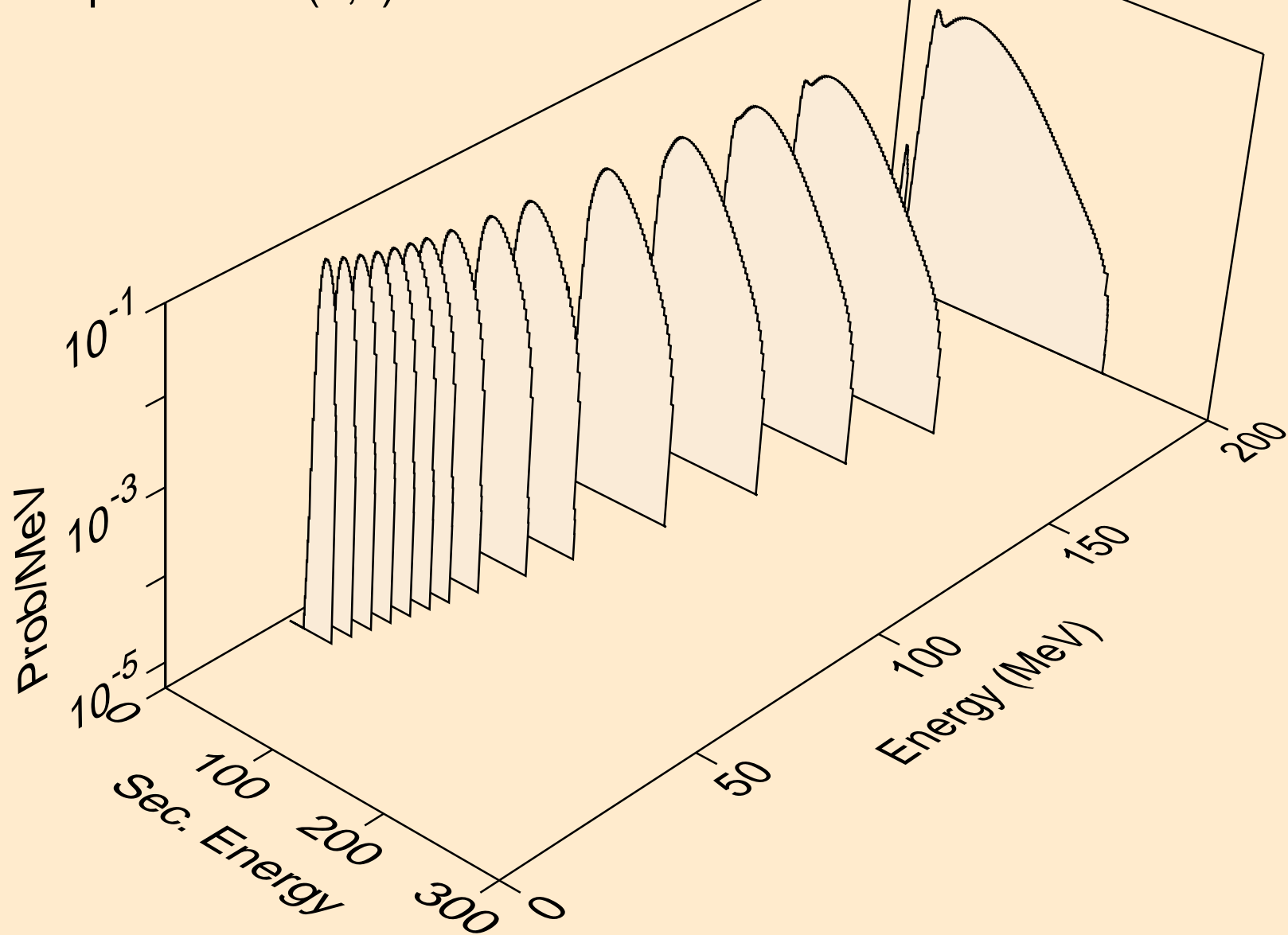
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



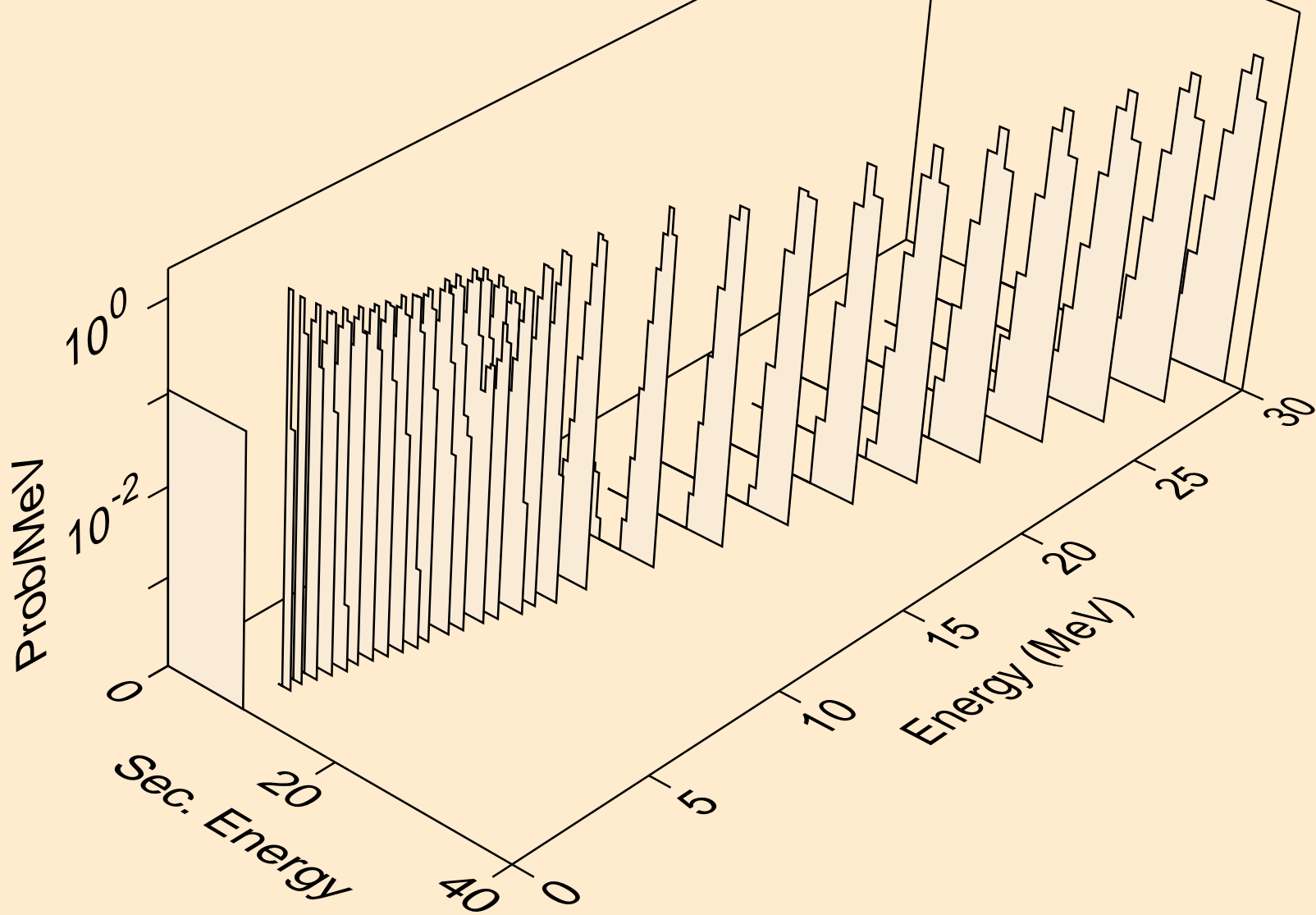
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he3s from (n,he3)



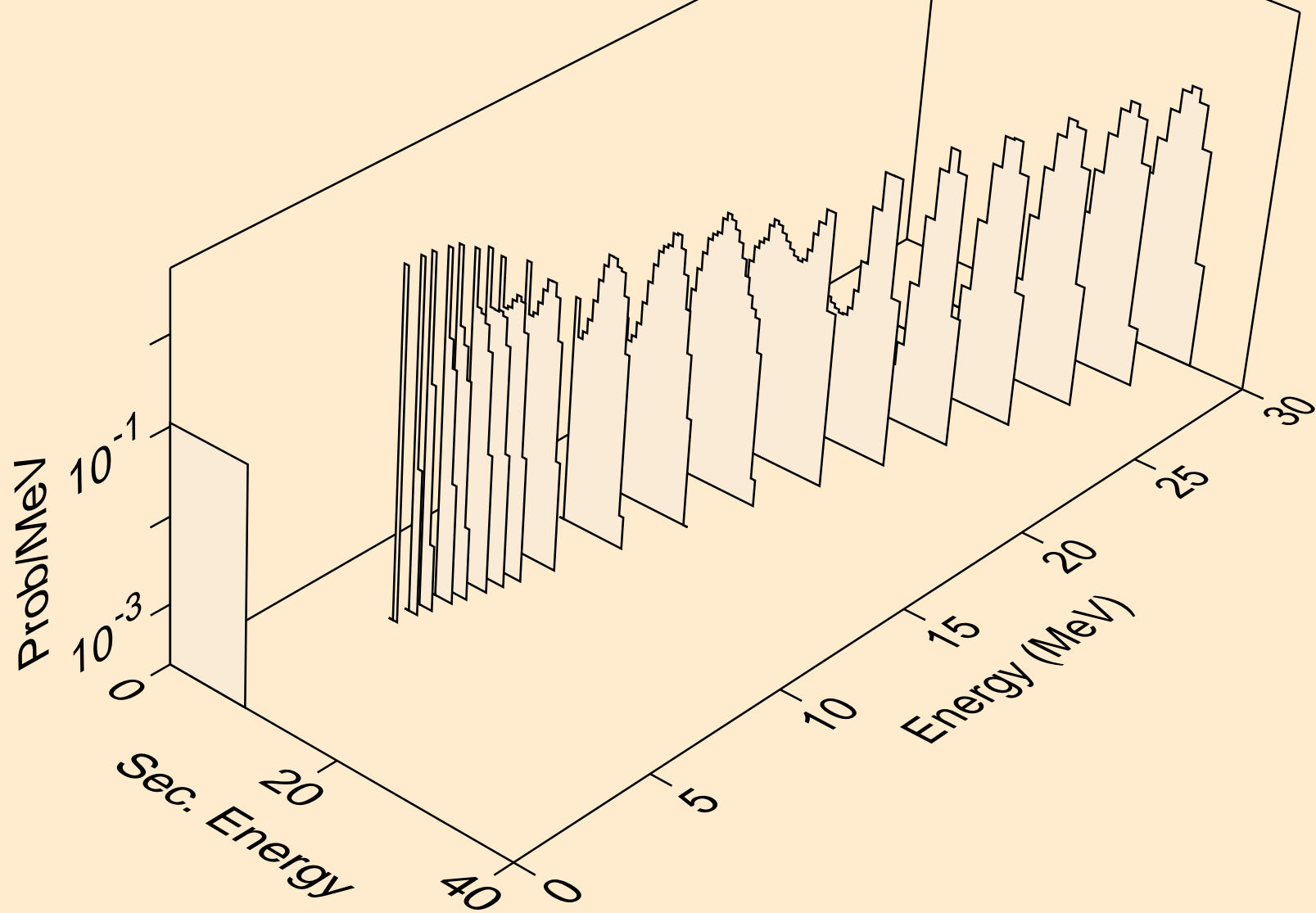
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



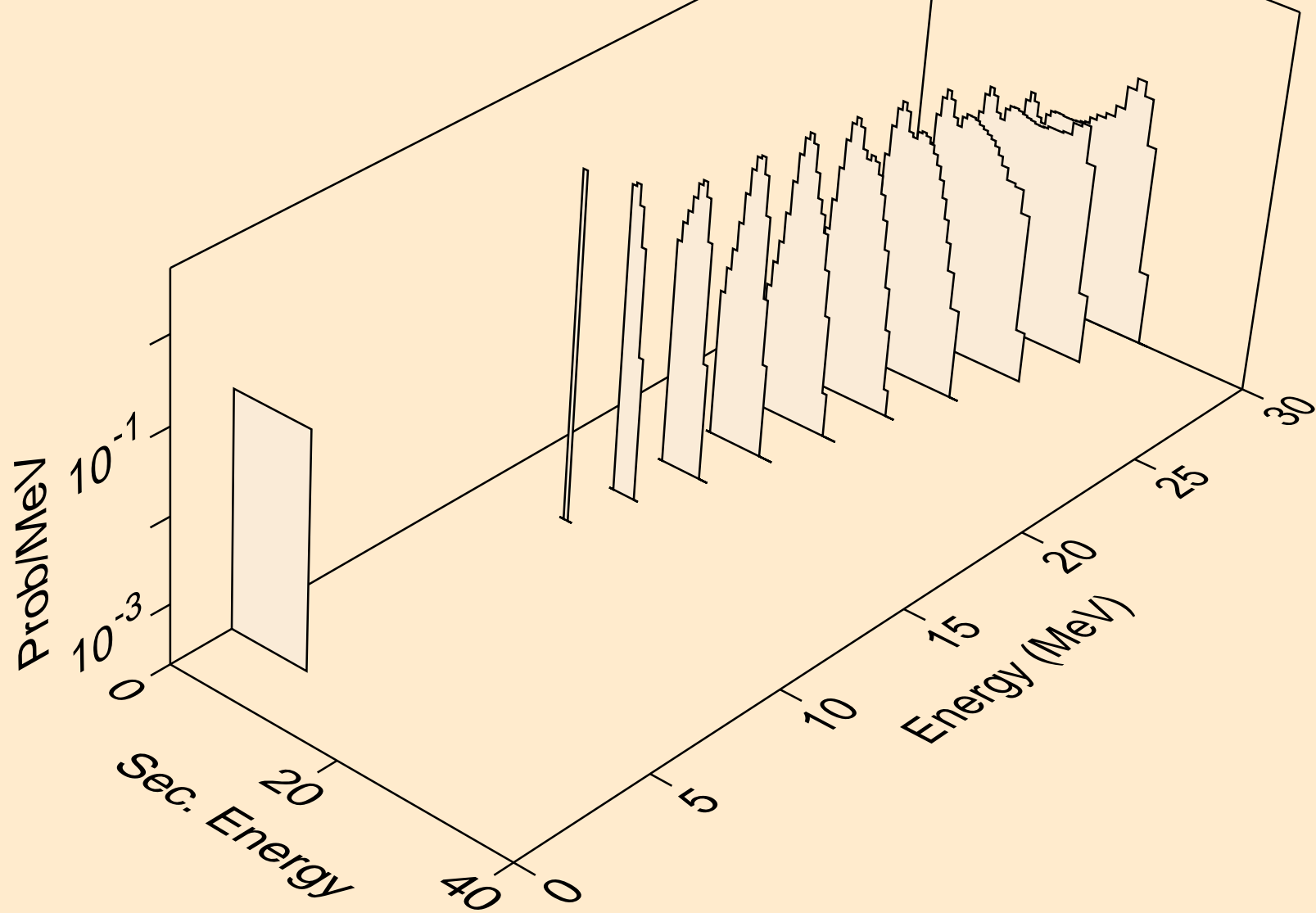
HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



HS279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

