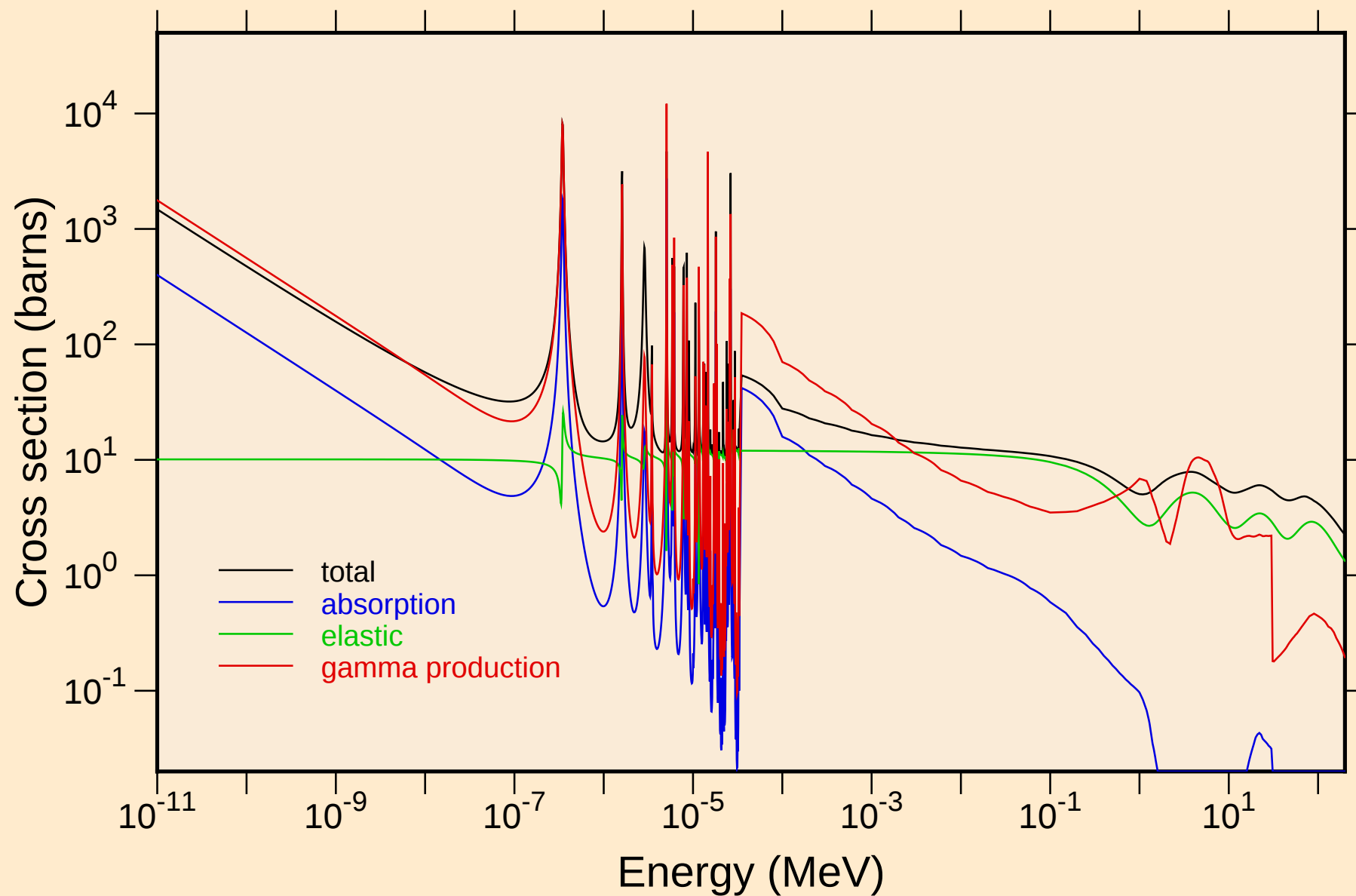
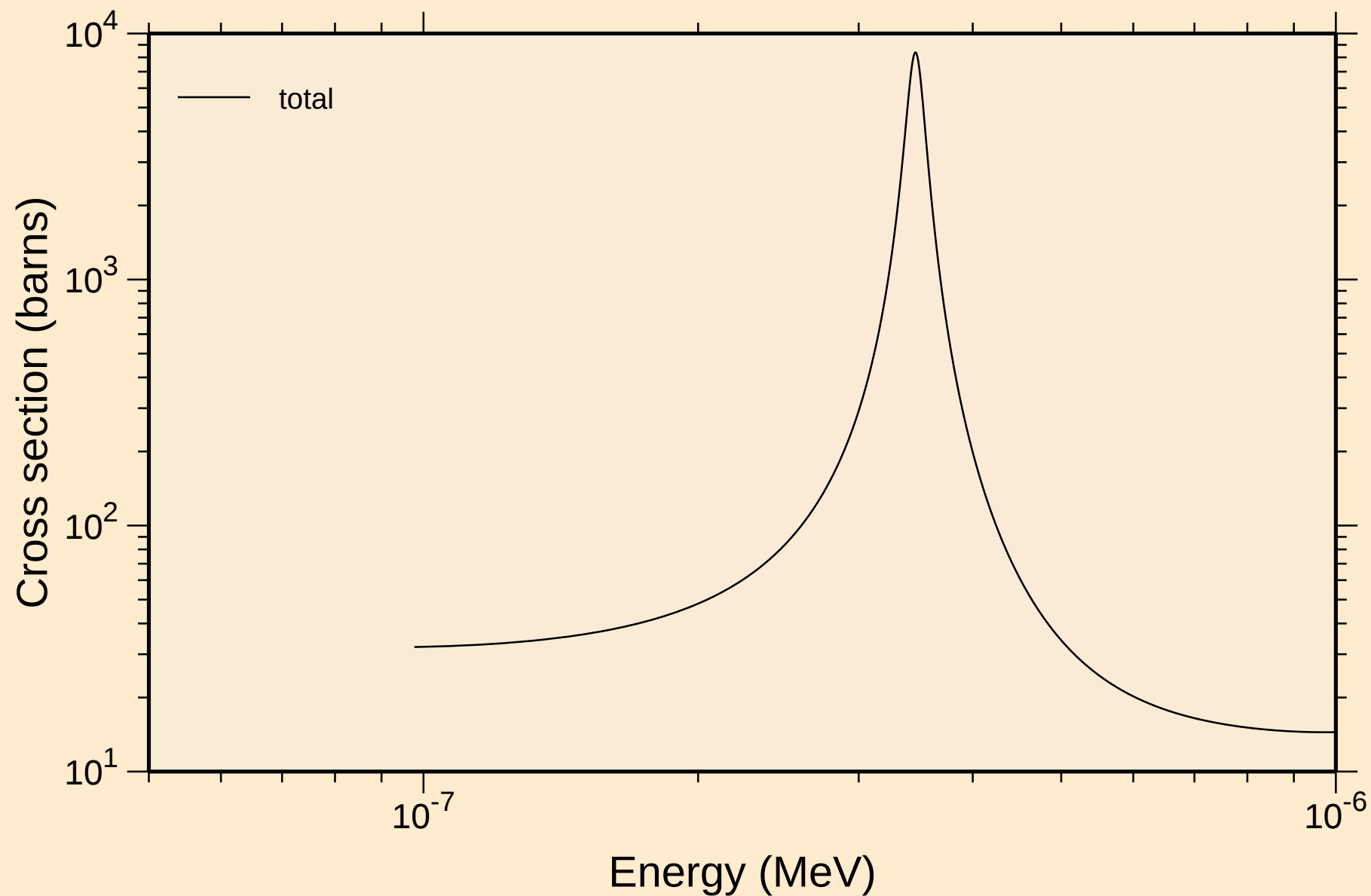


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

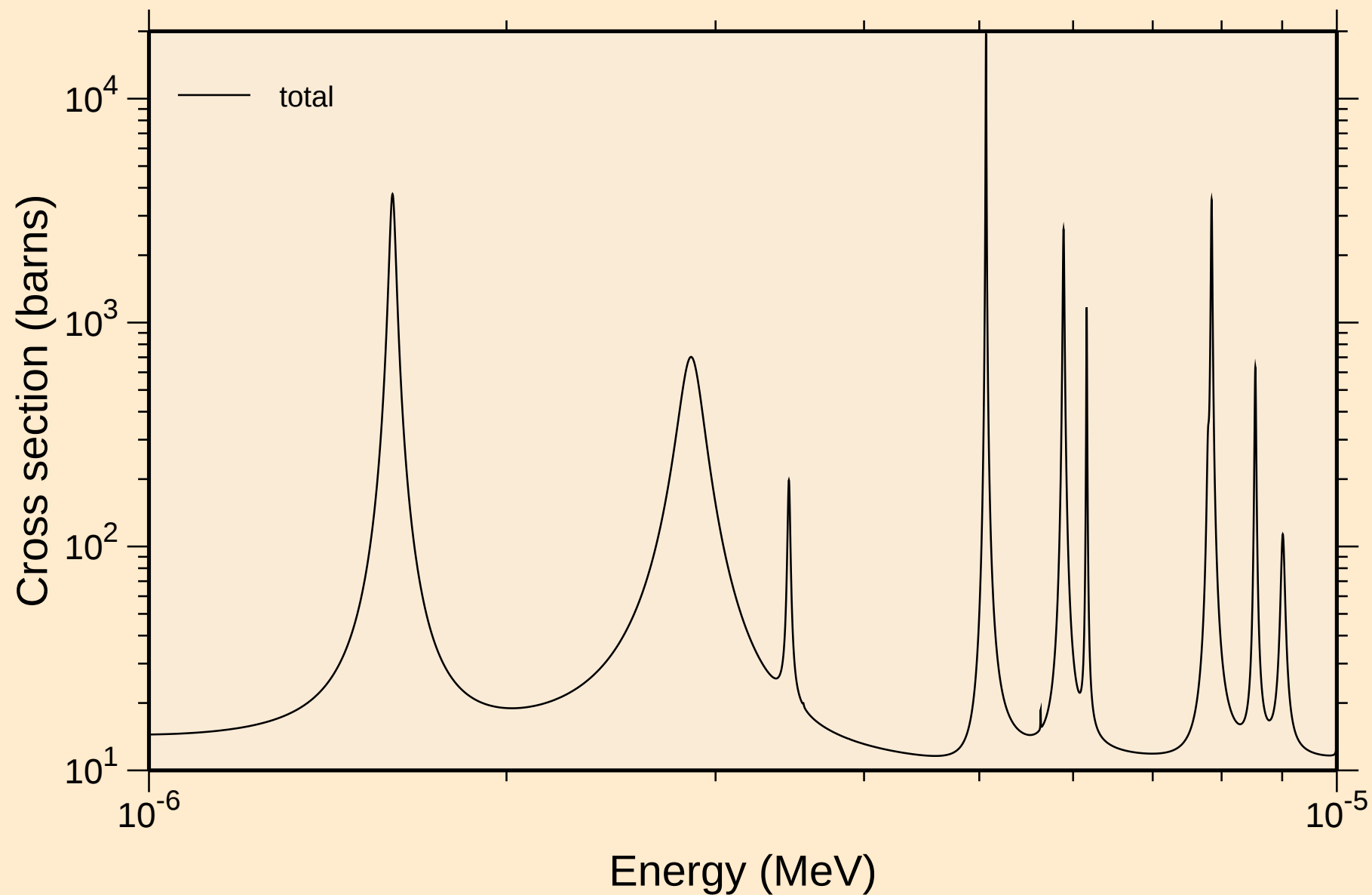
Principal cross sections



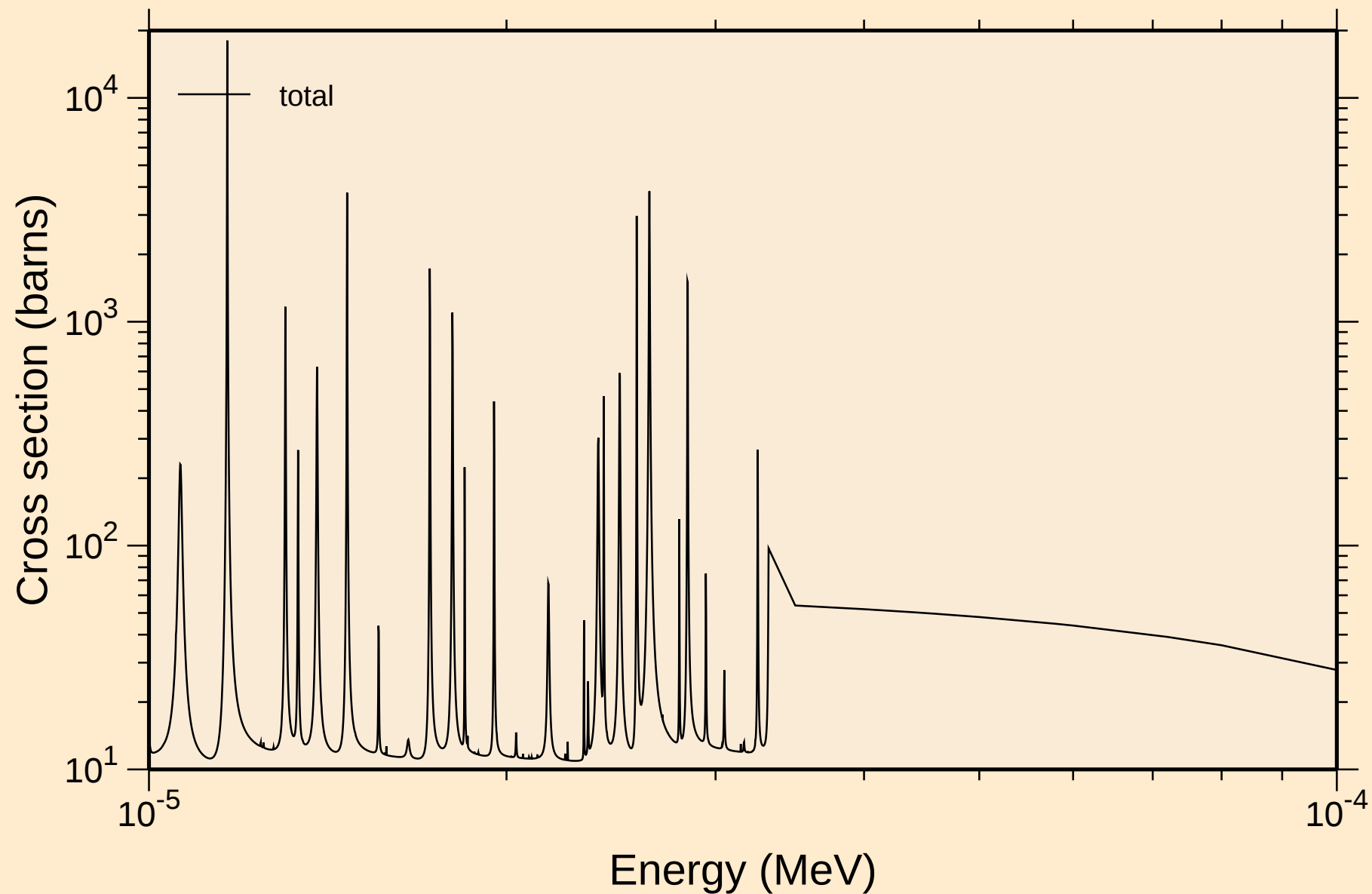
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



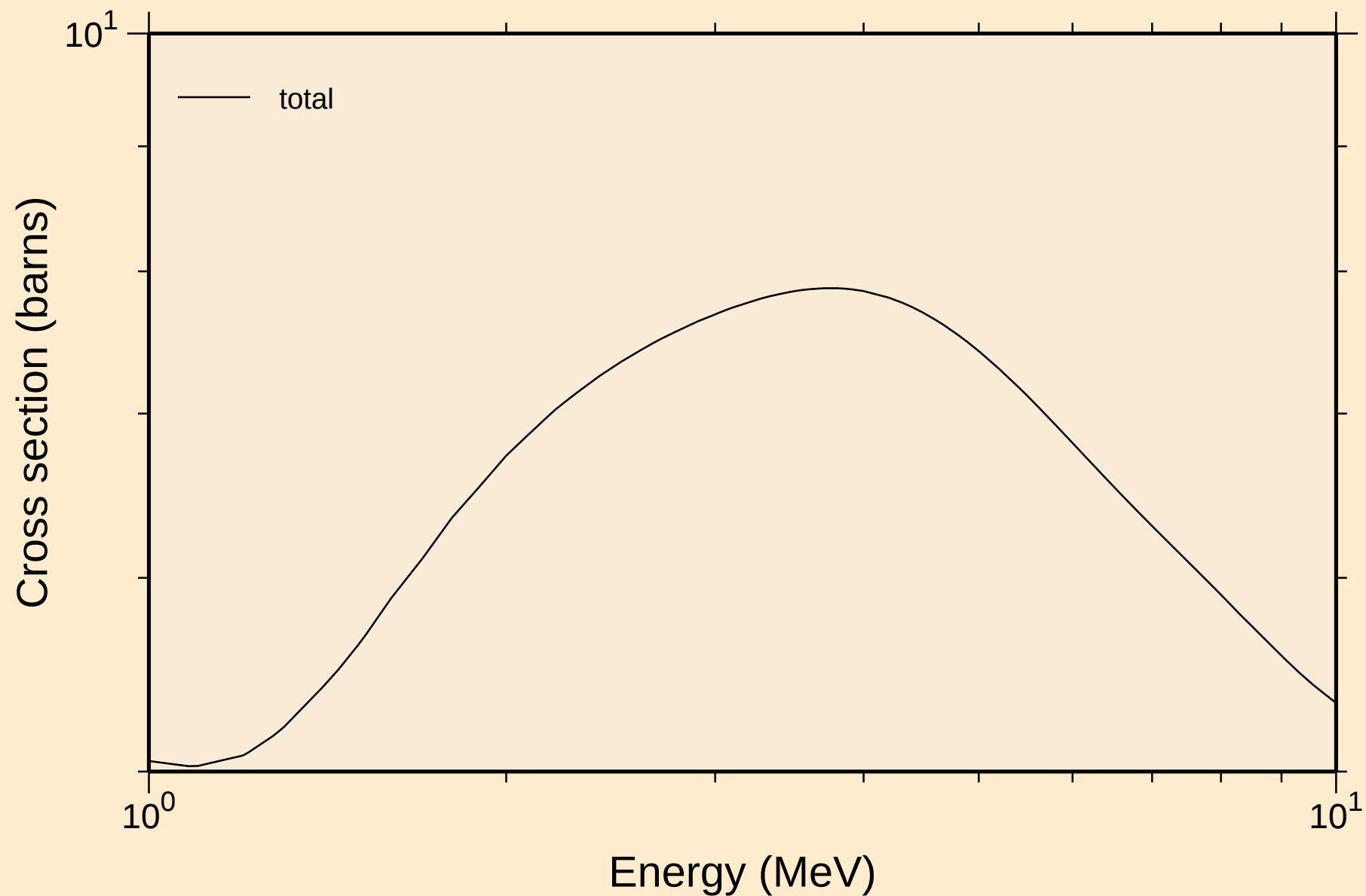
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



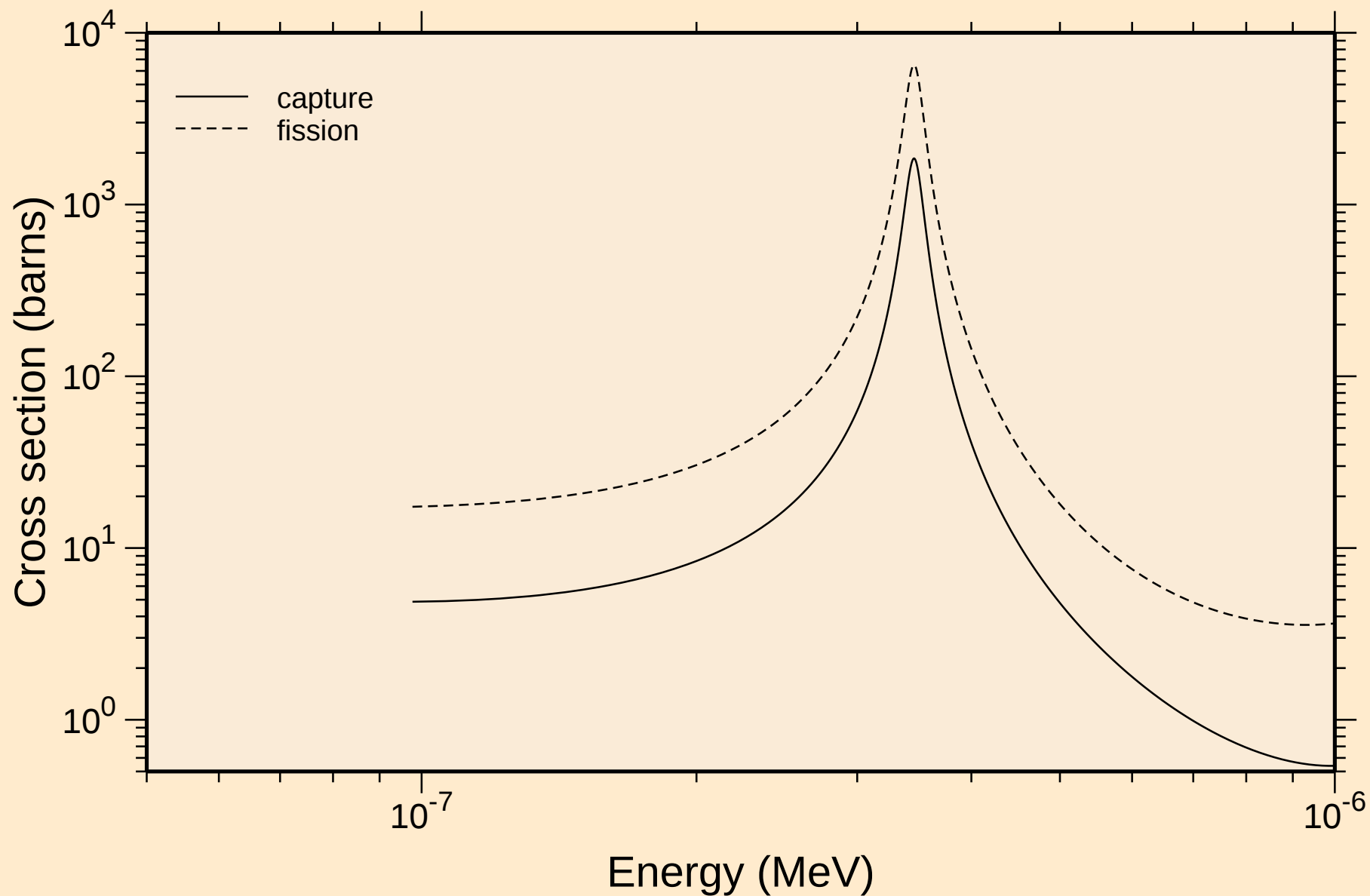
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



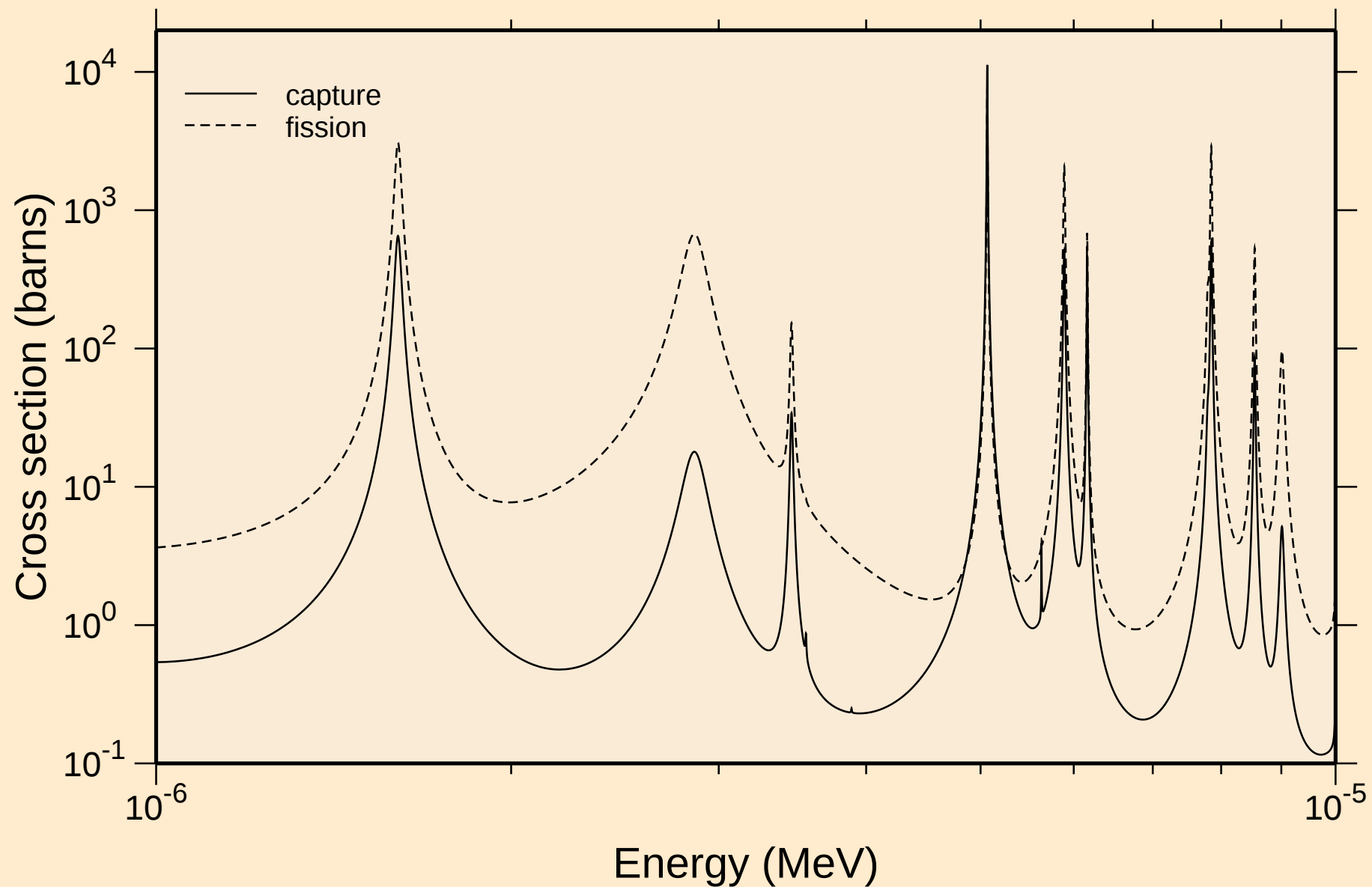
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



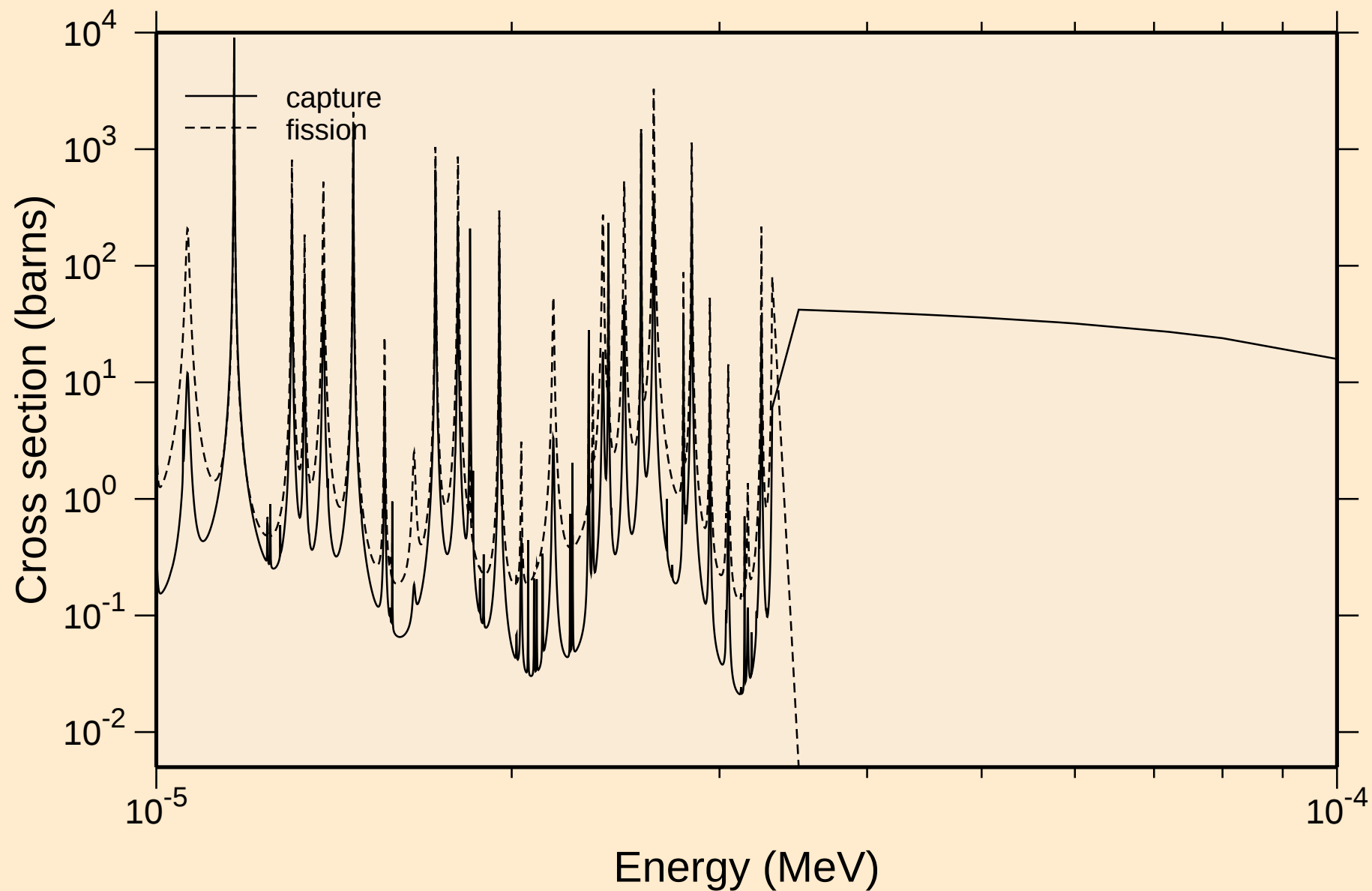
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



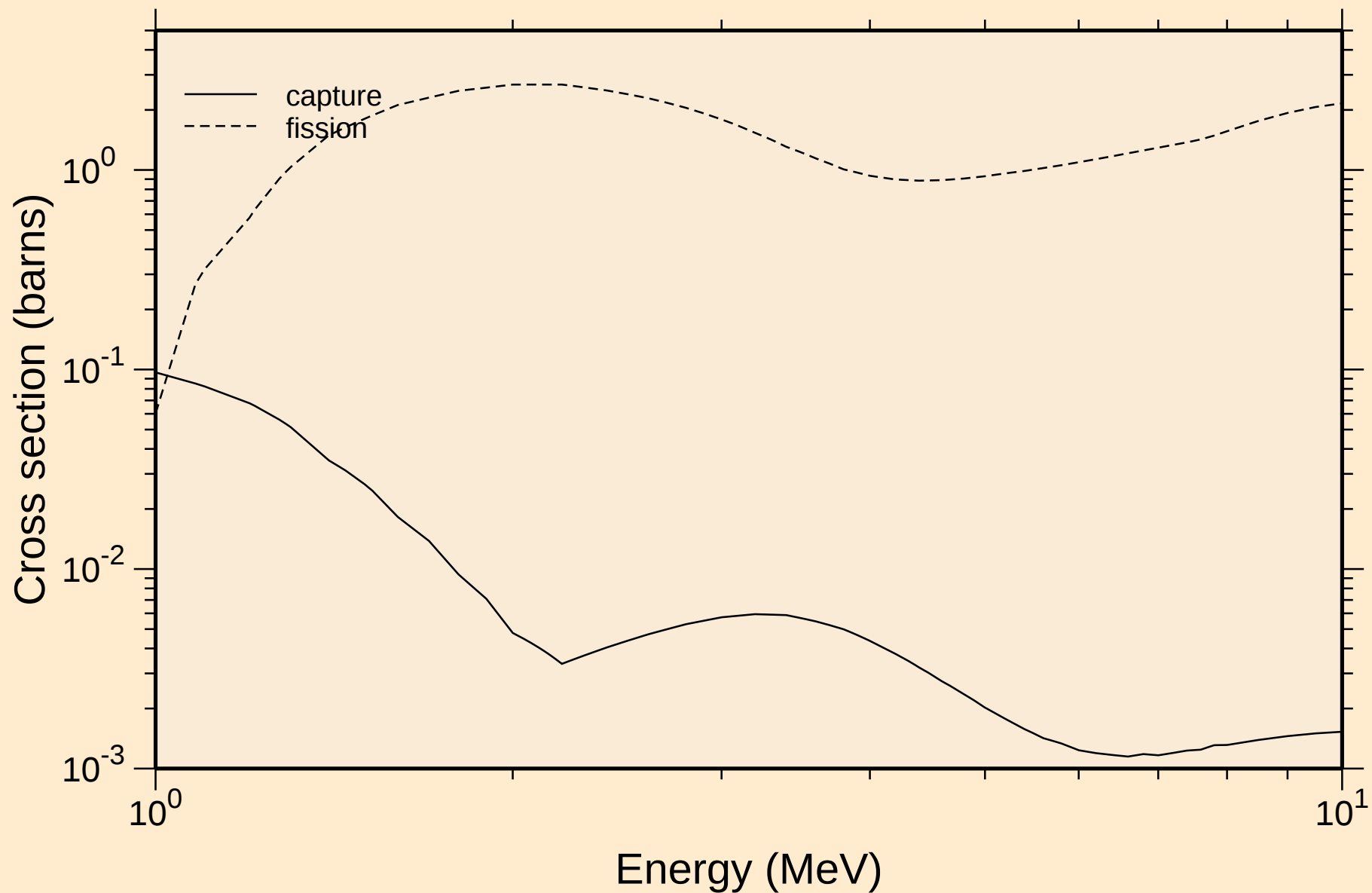
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

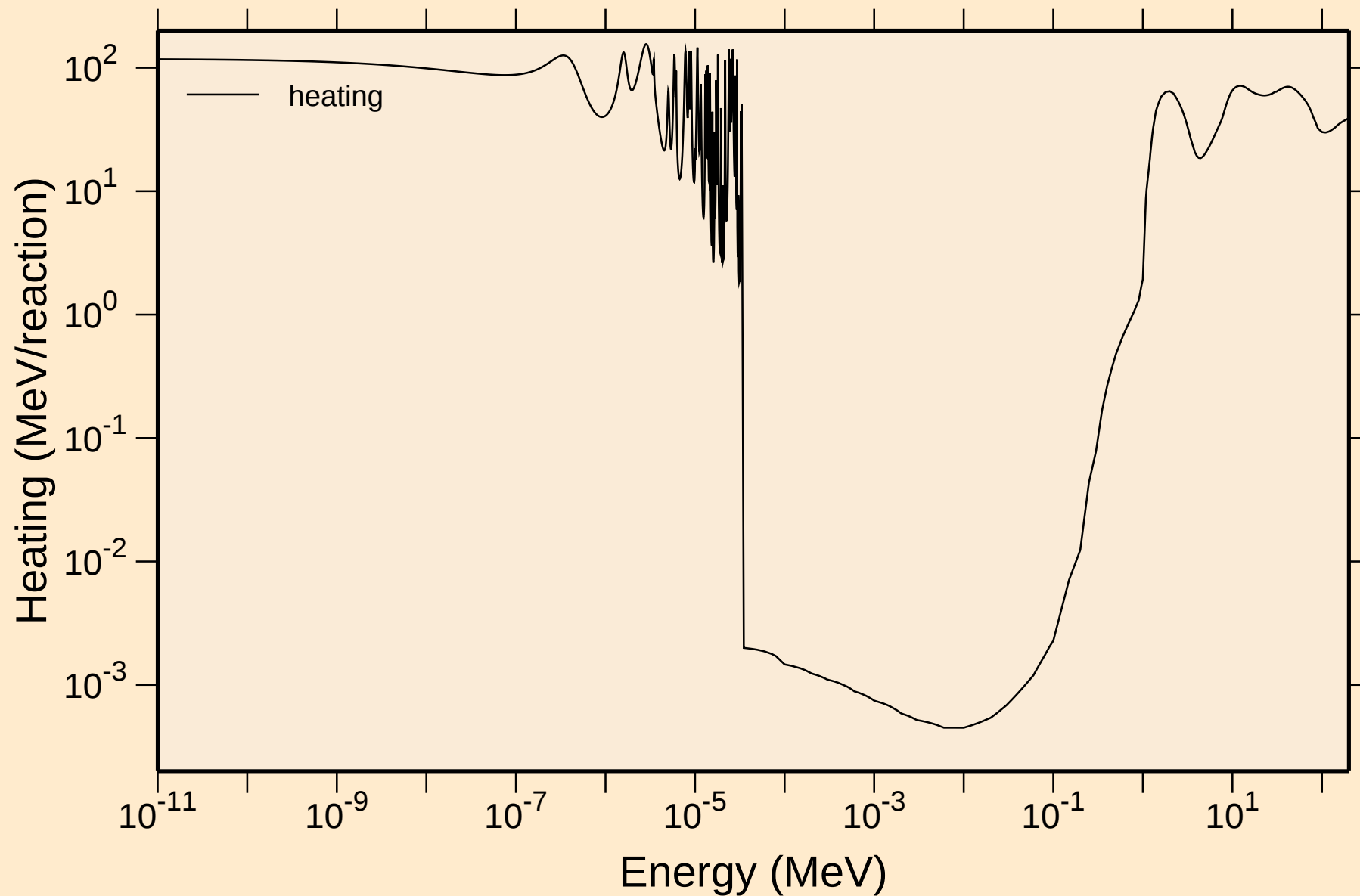


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



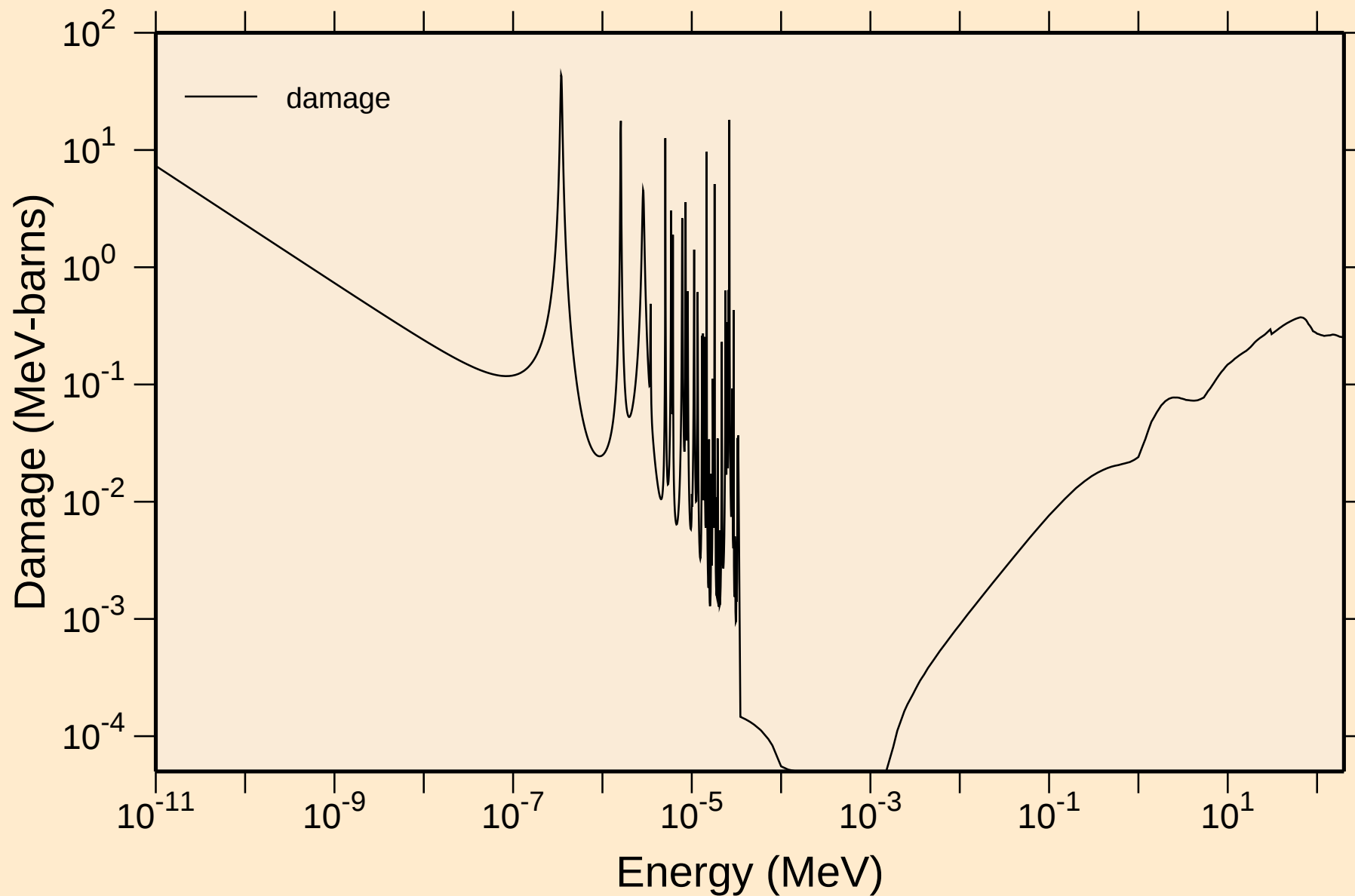
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

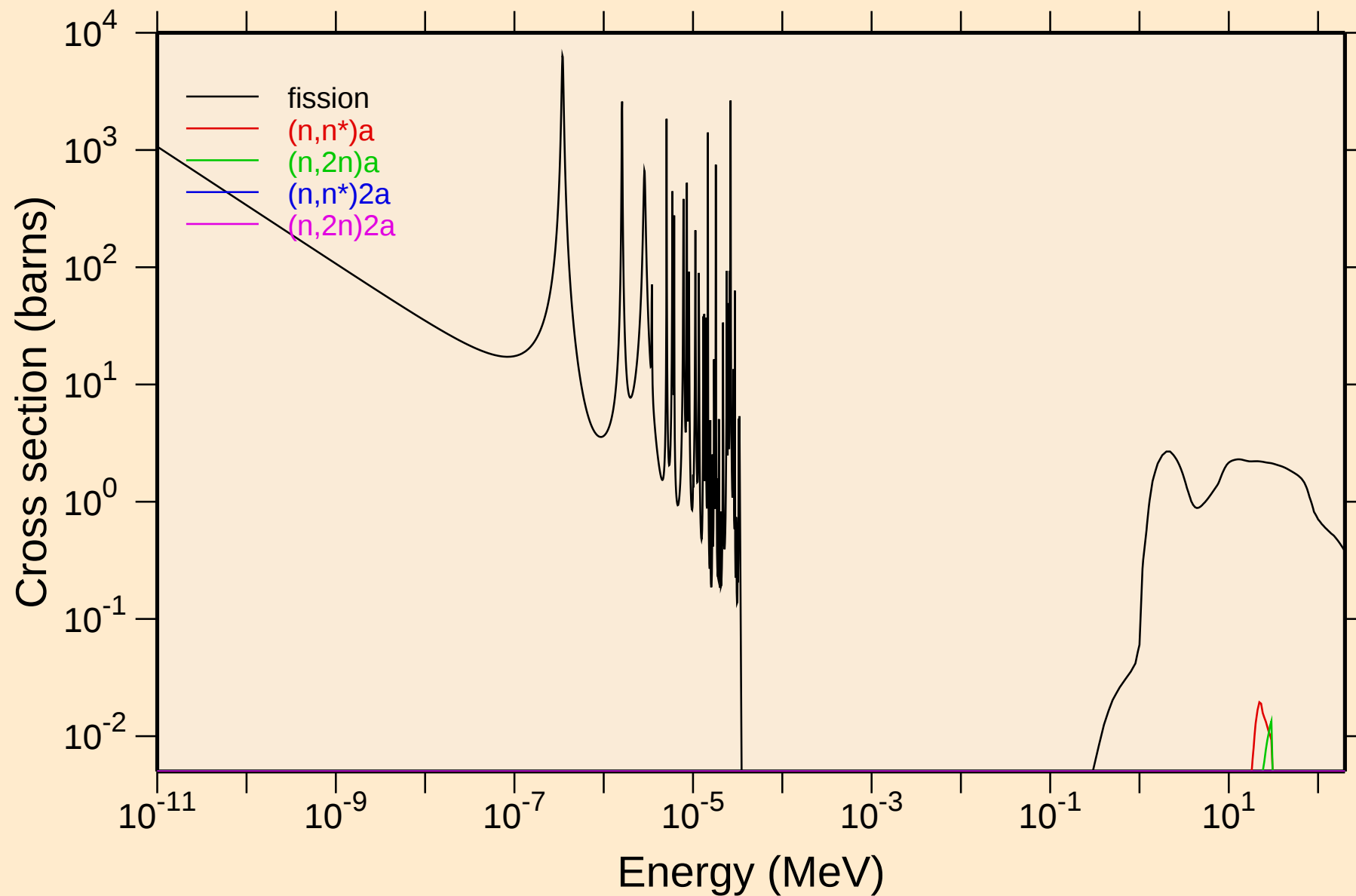


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

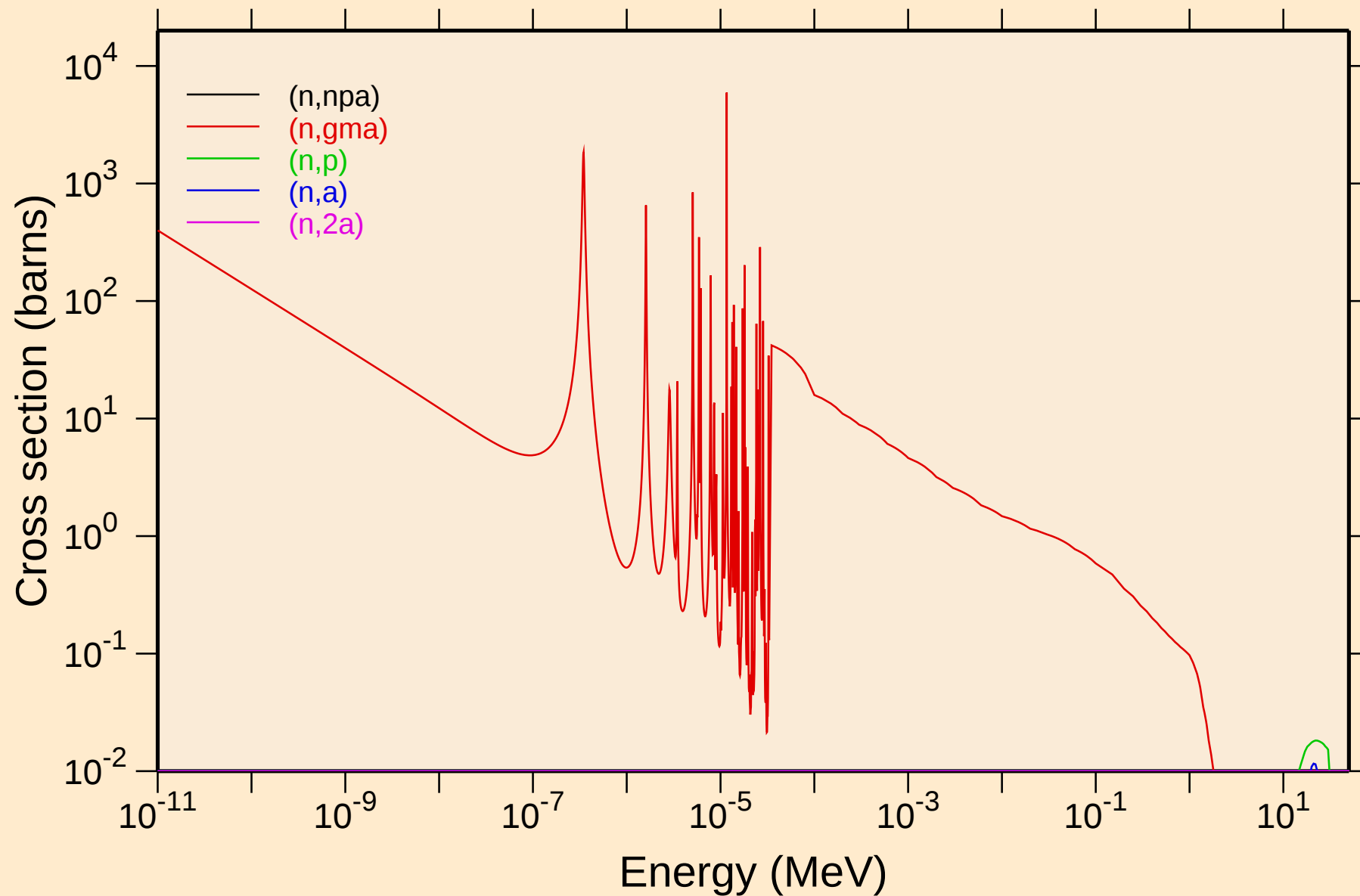
Damage



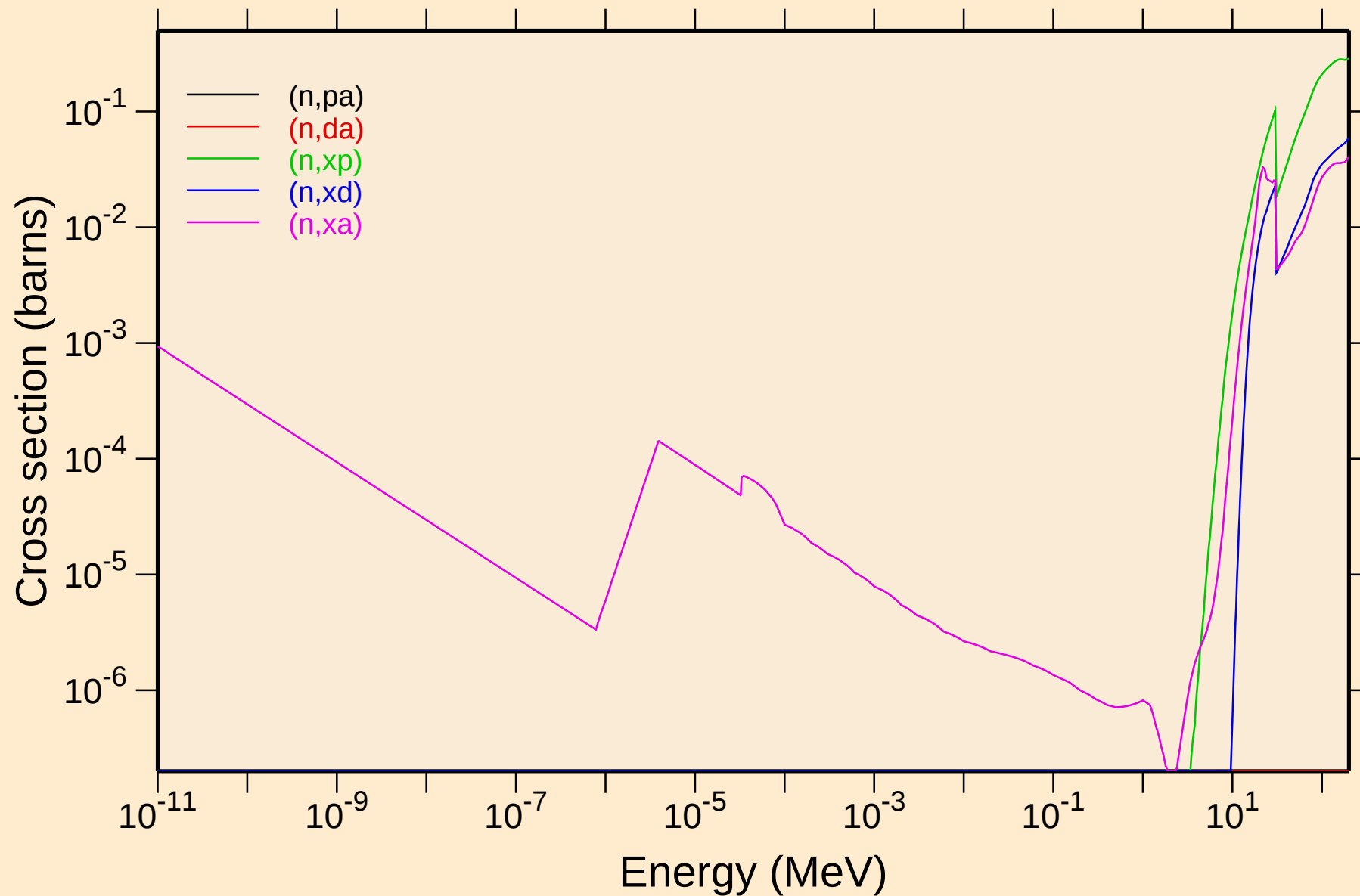
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

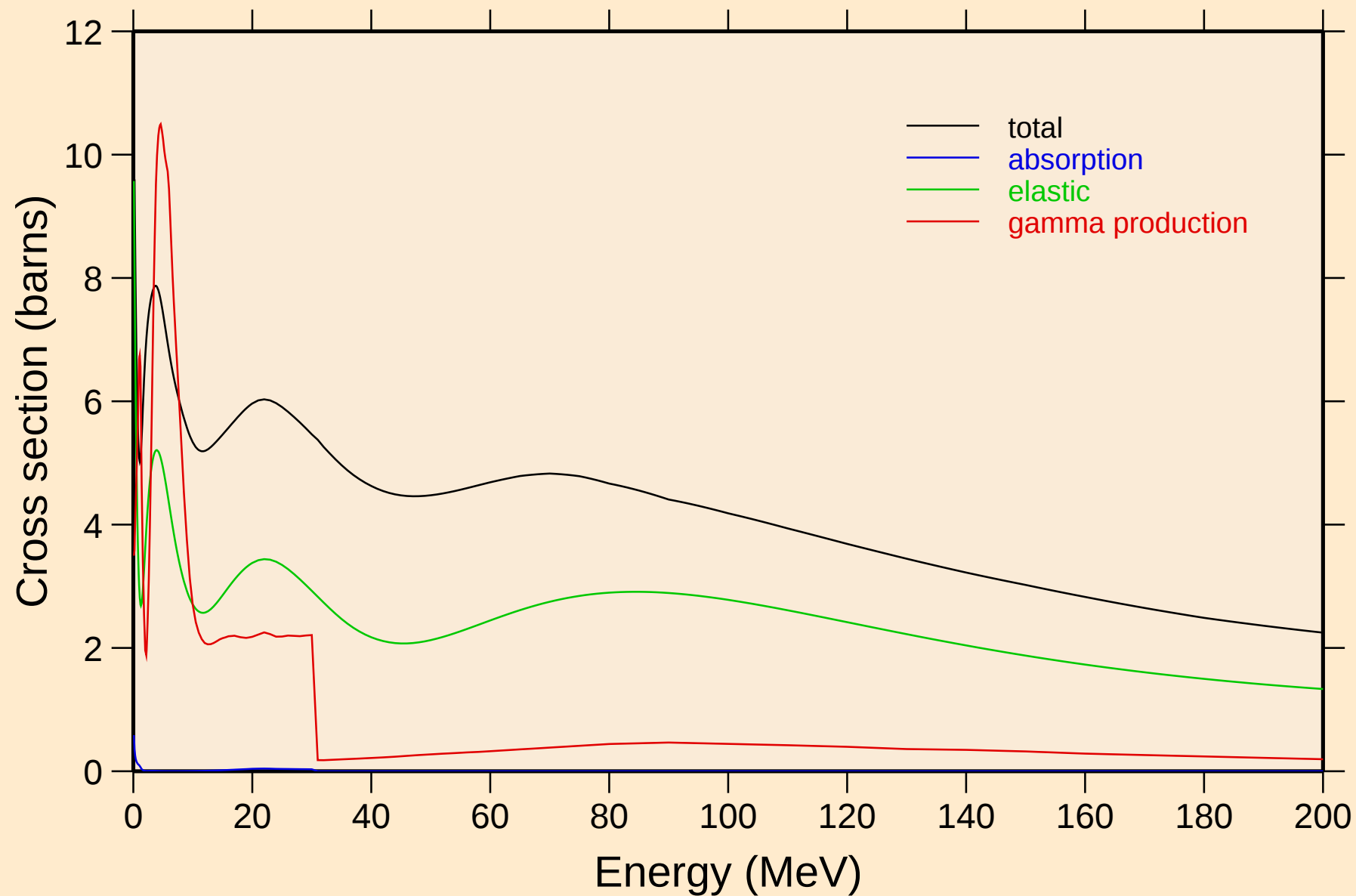


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



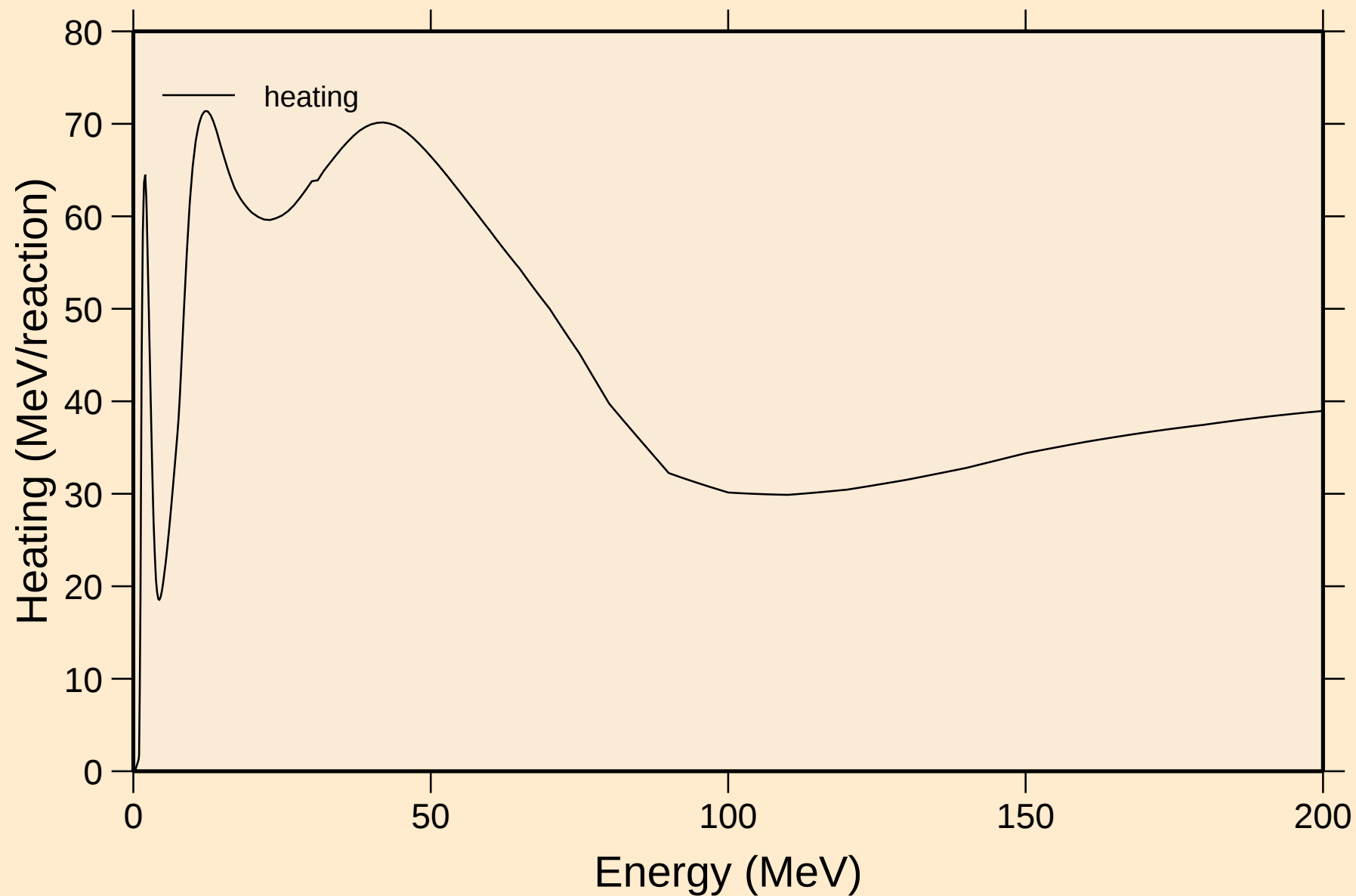
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



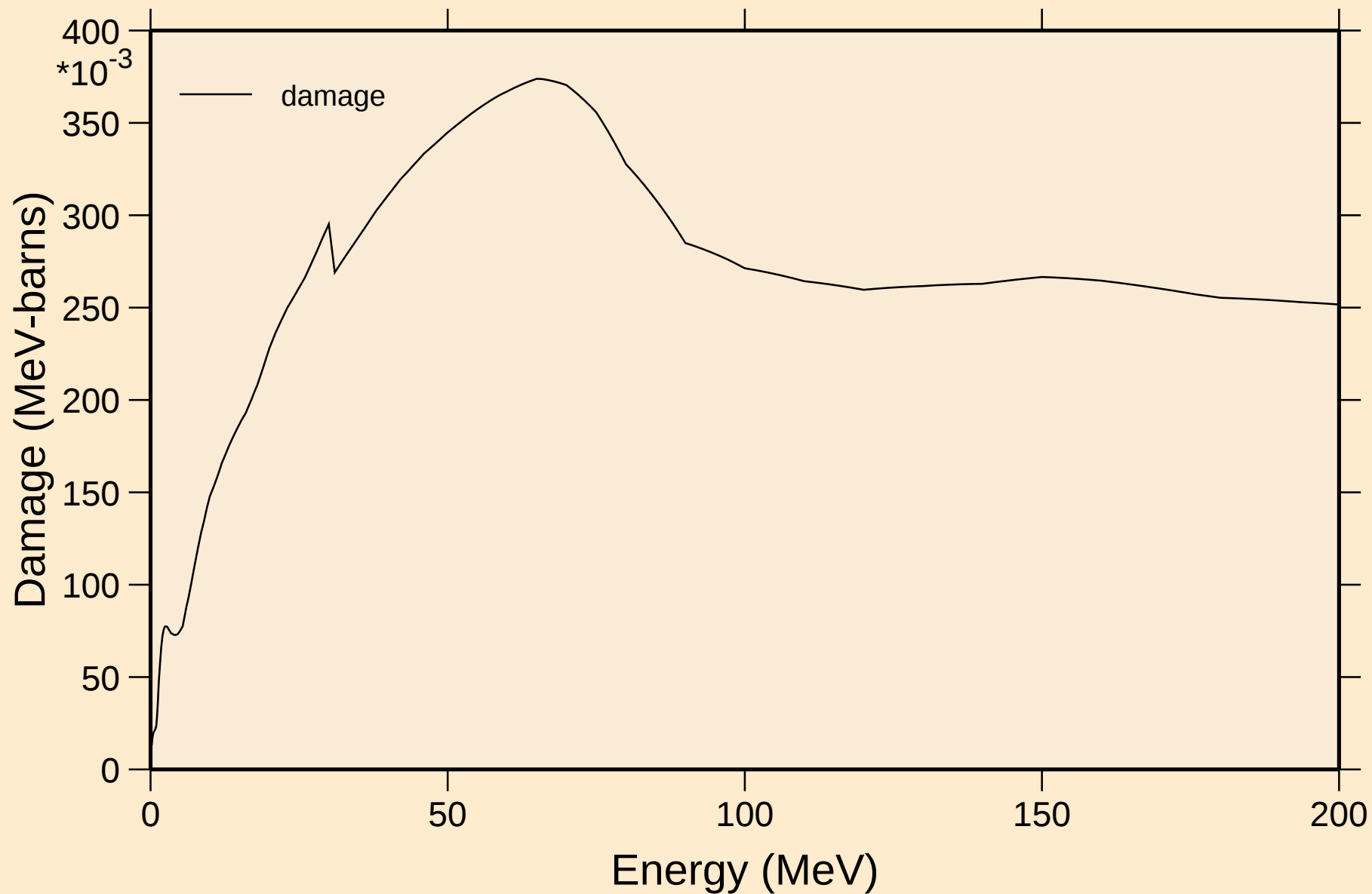
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

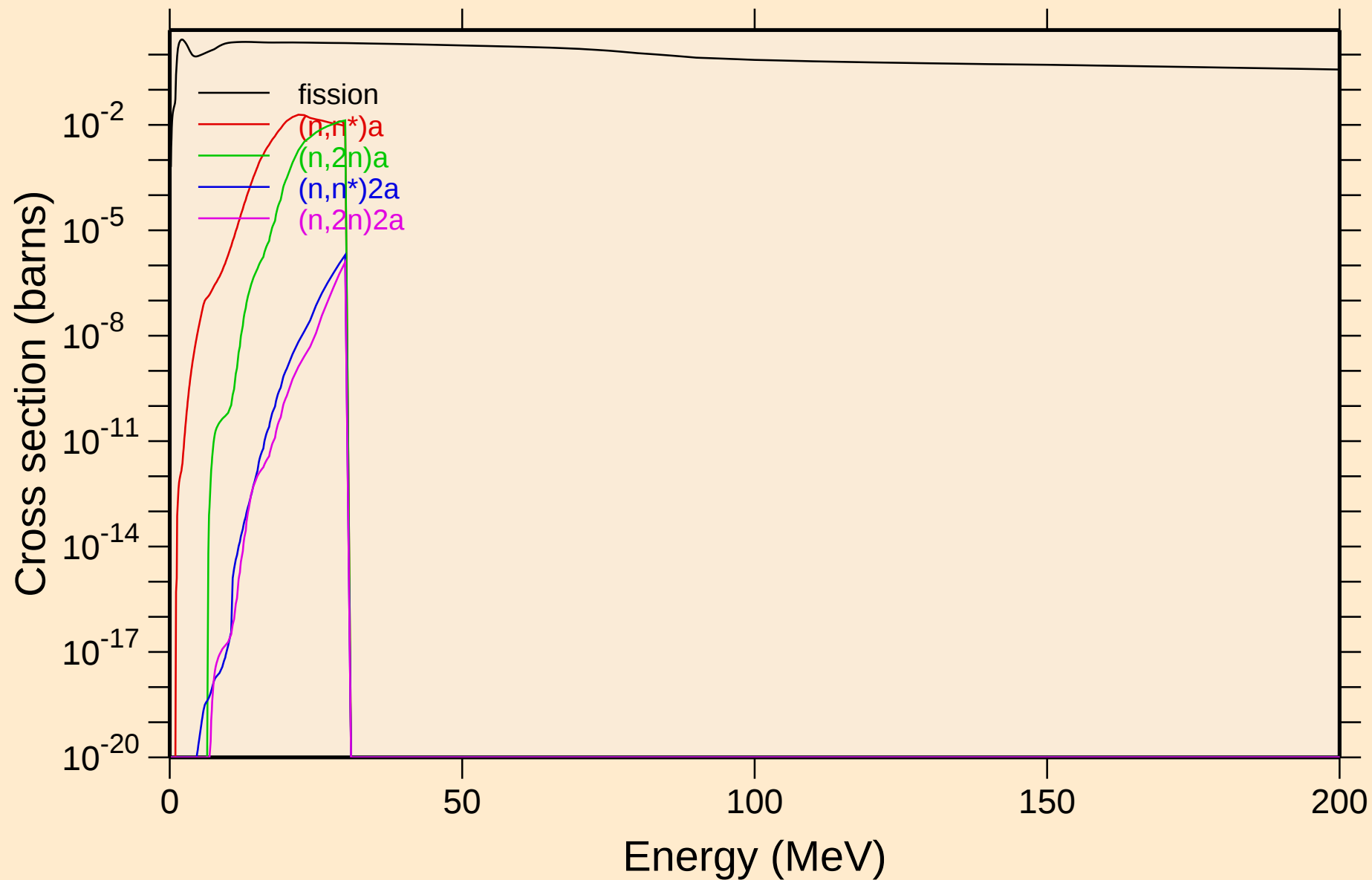


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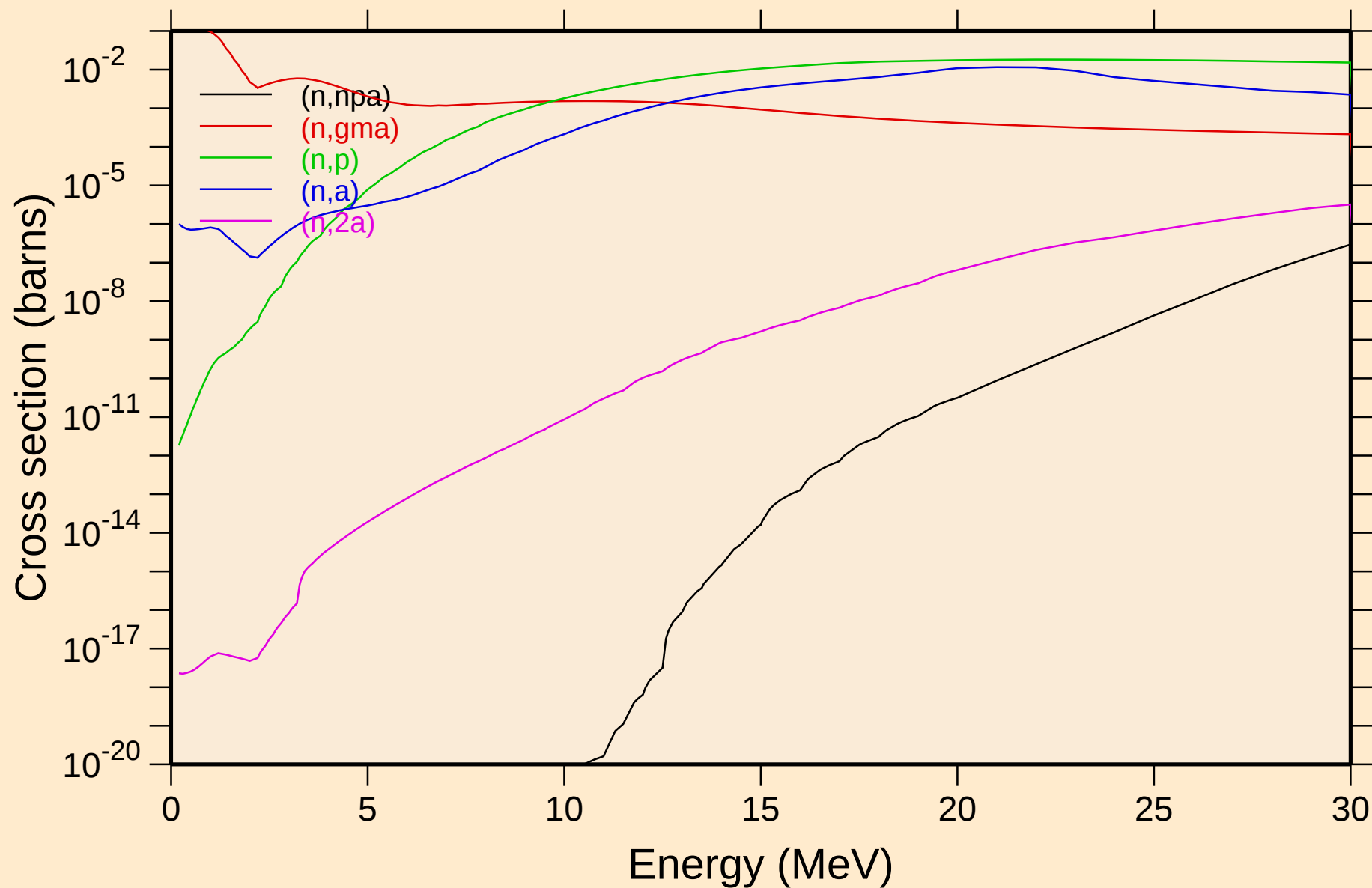
Damage



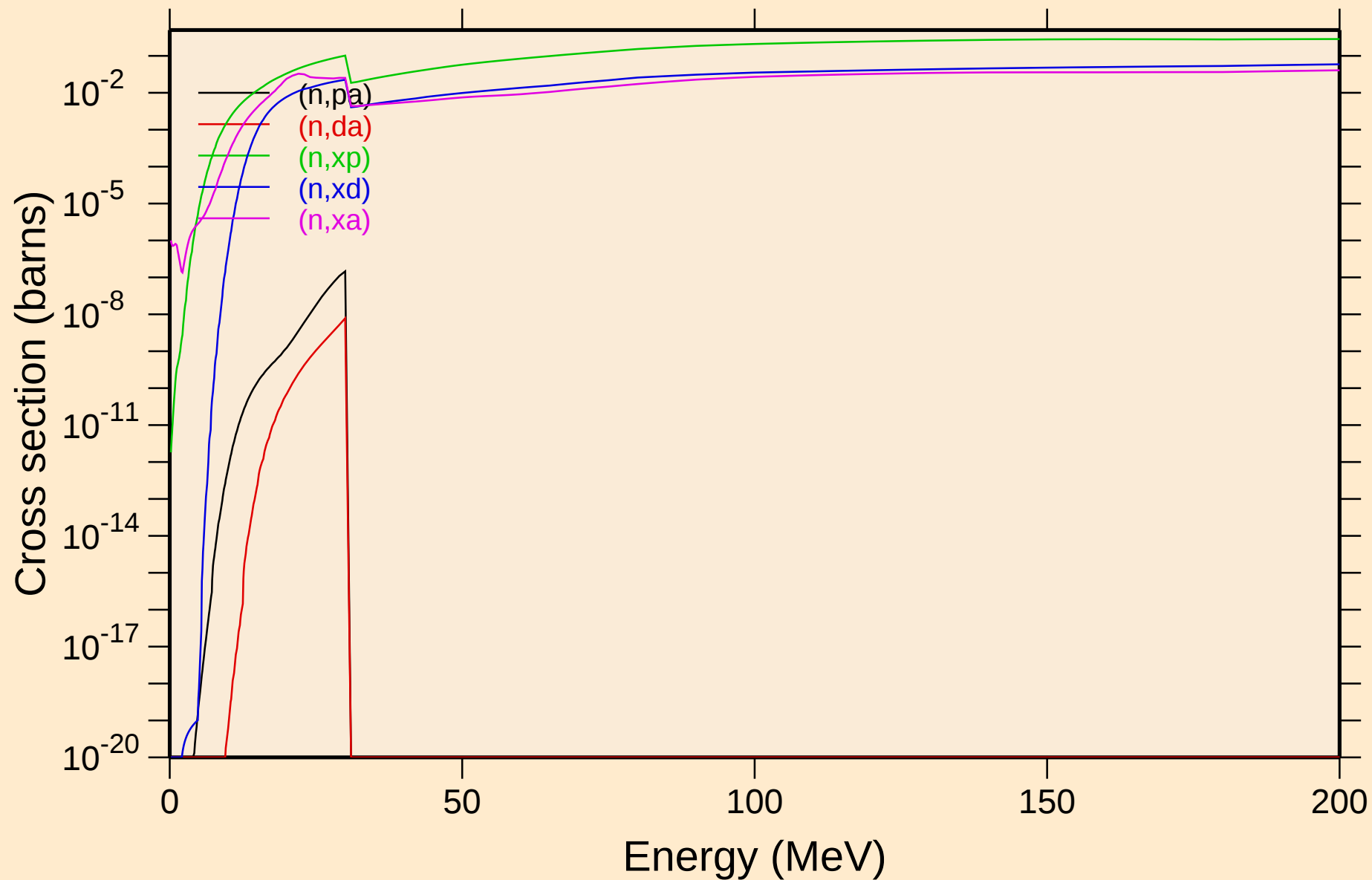
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

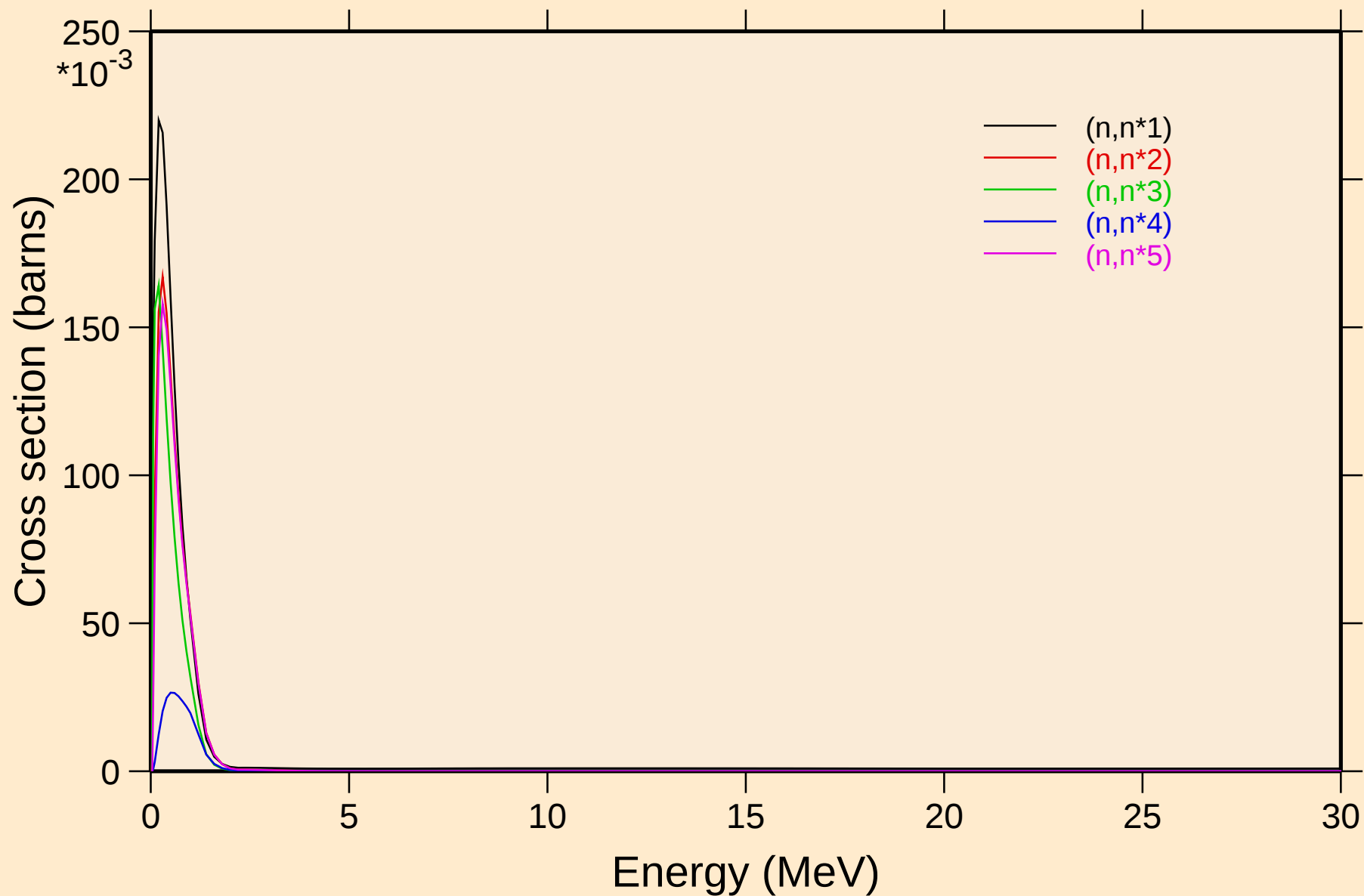


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



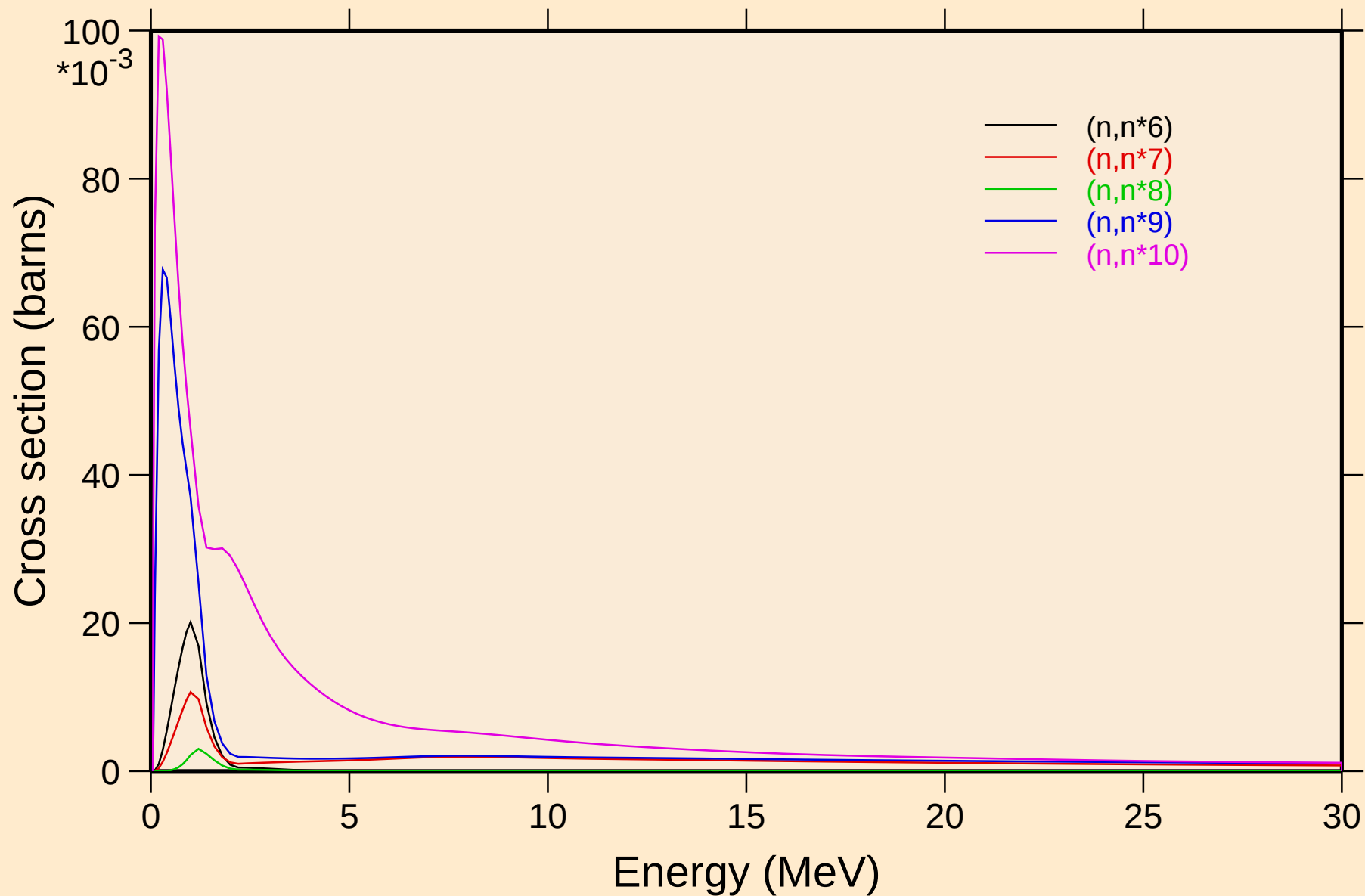
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



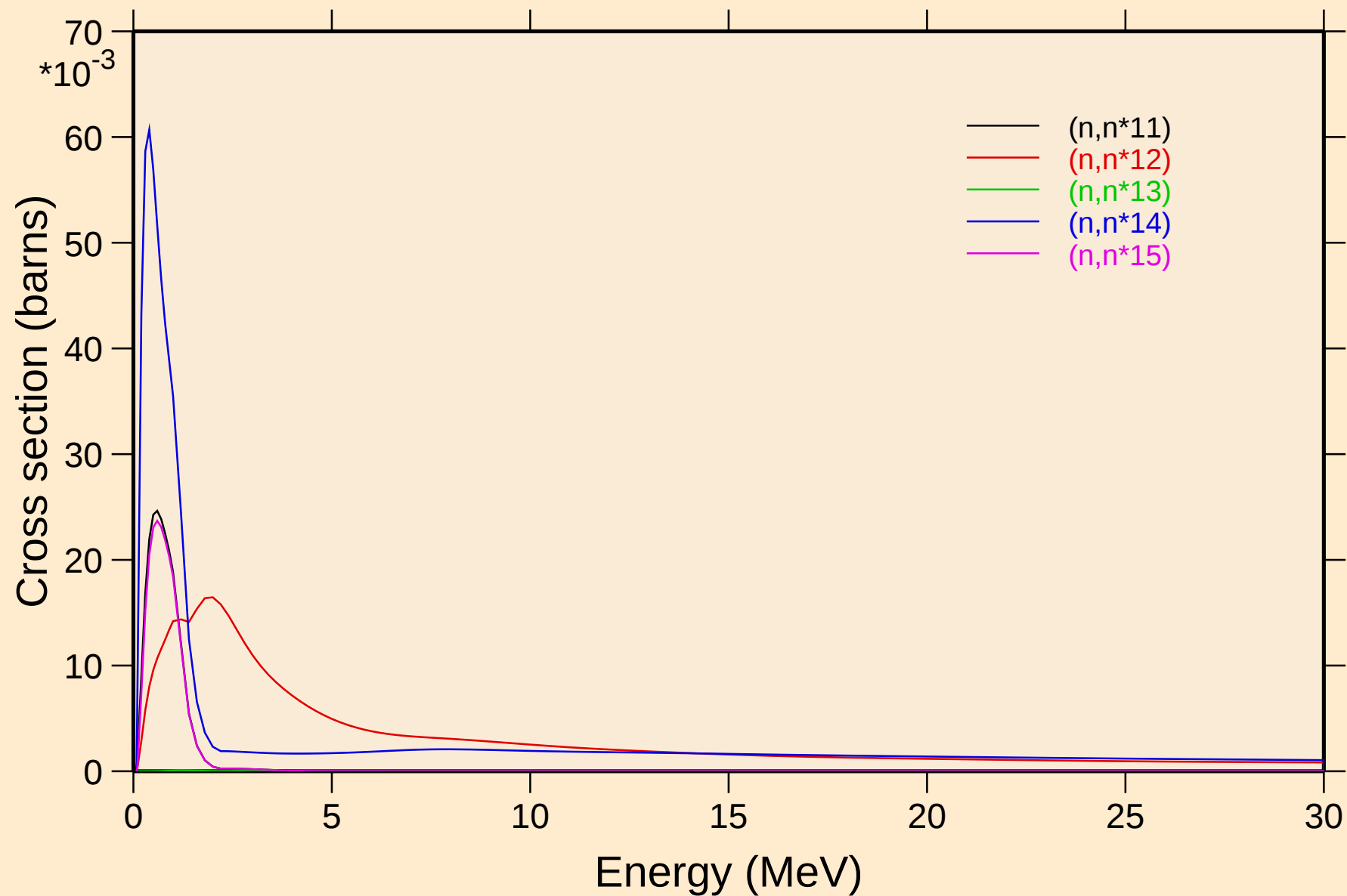
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



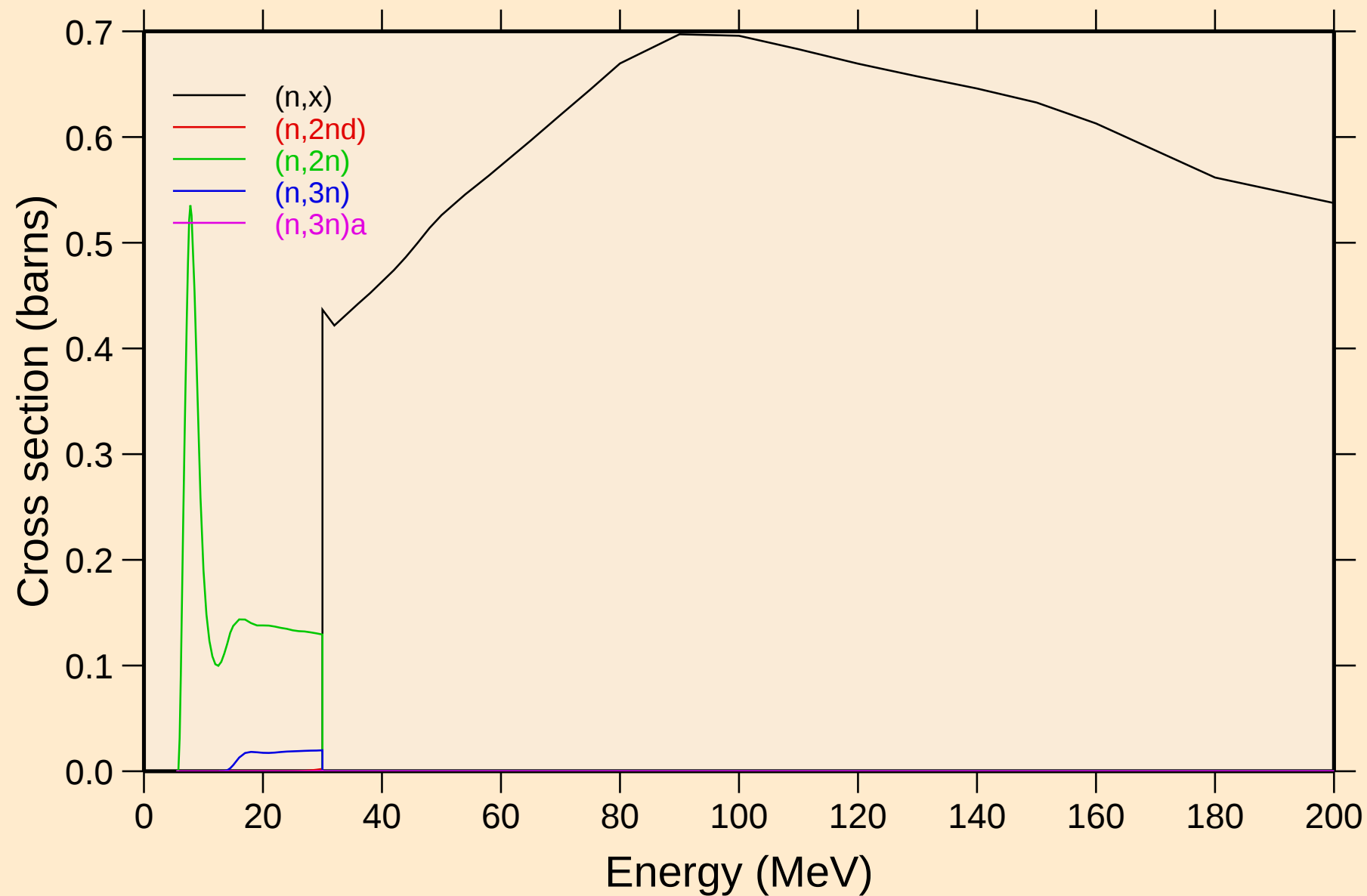
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



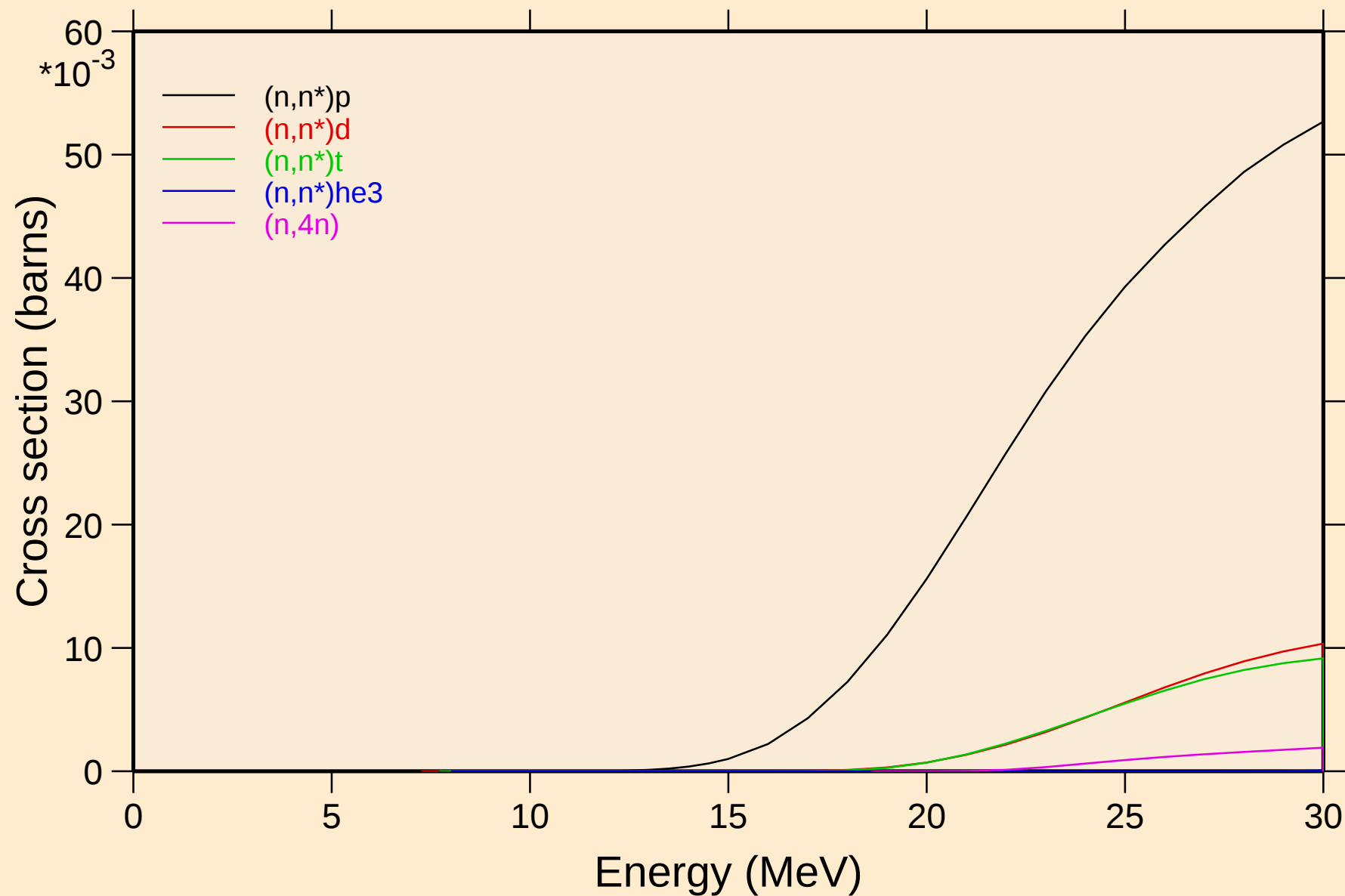
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

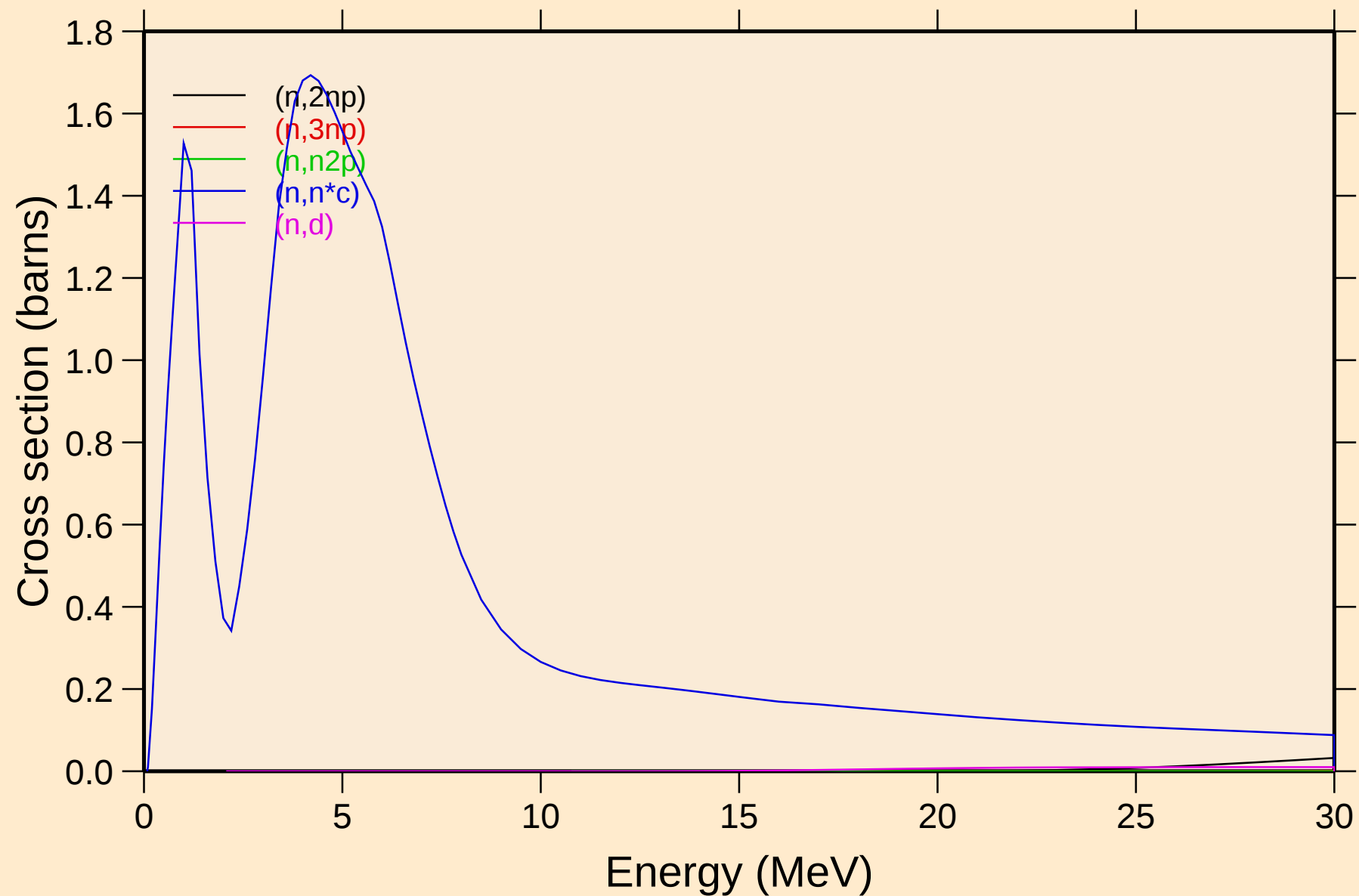


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

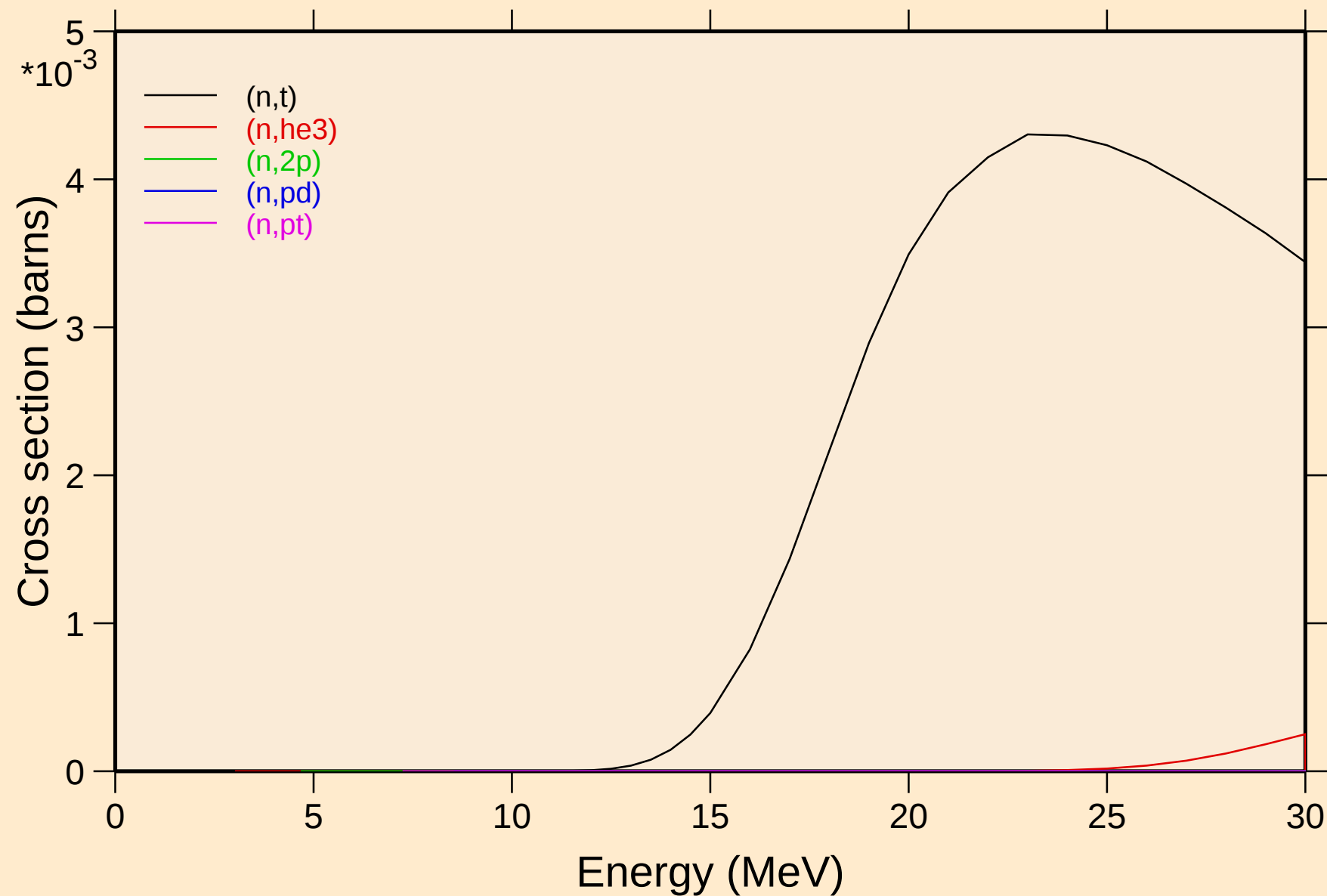


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

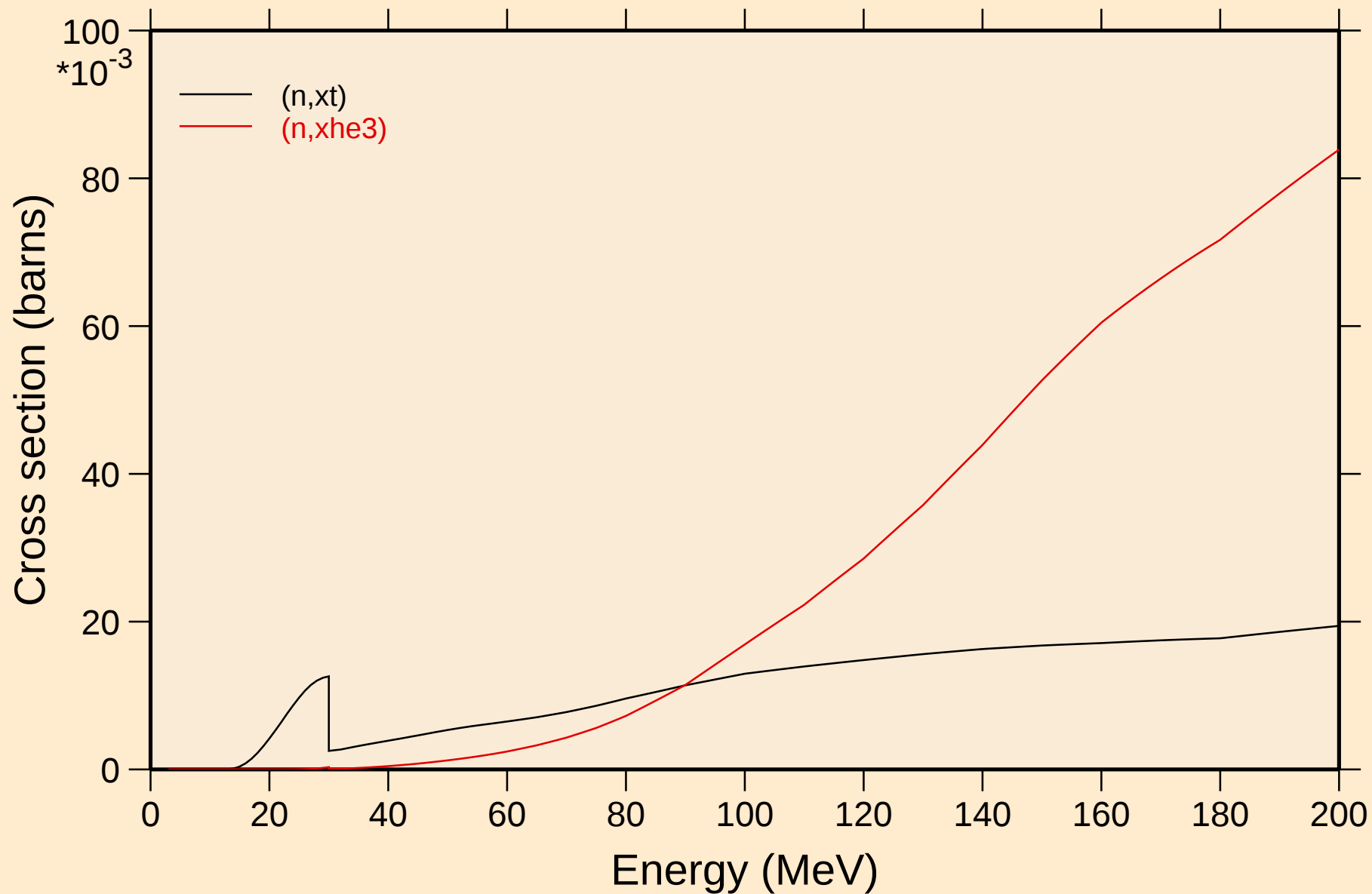


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

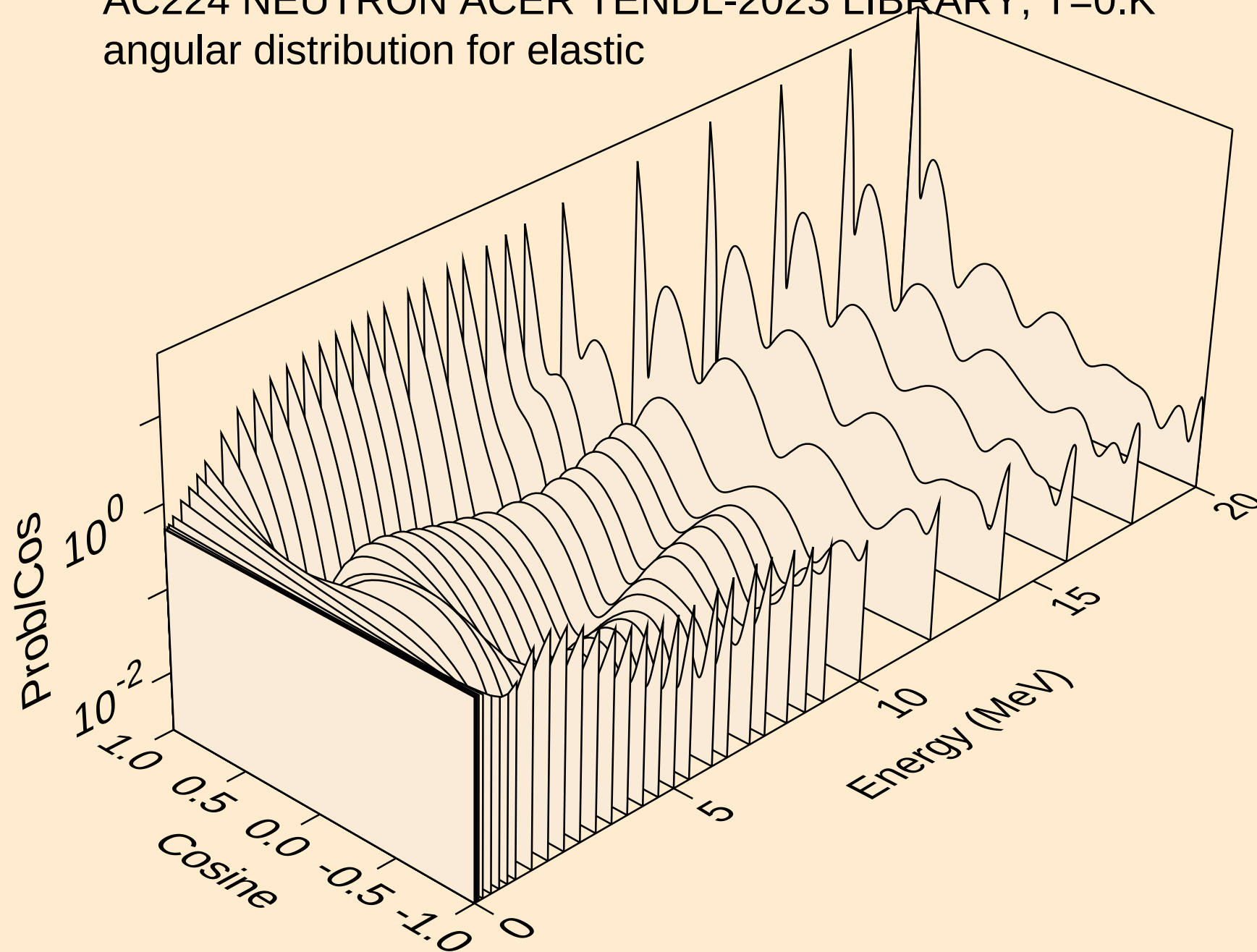
Threshold reactions



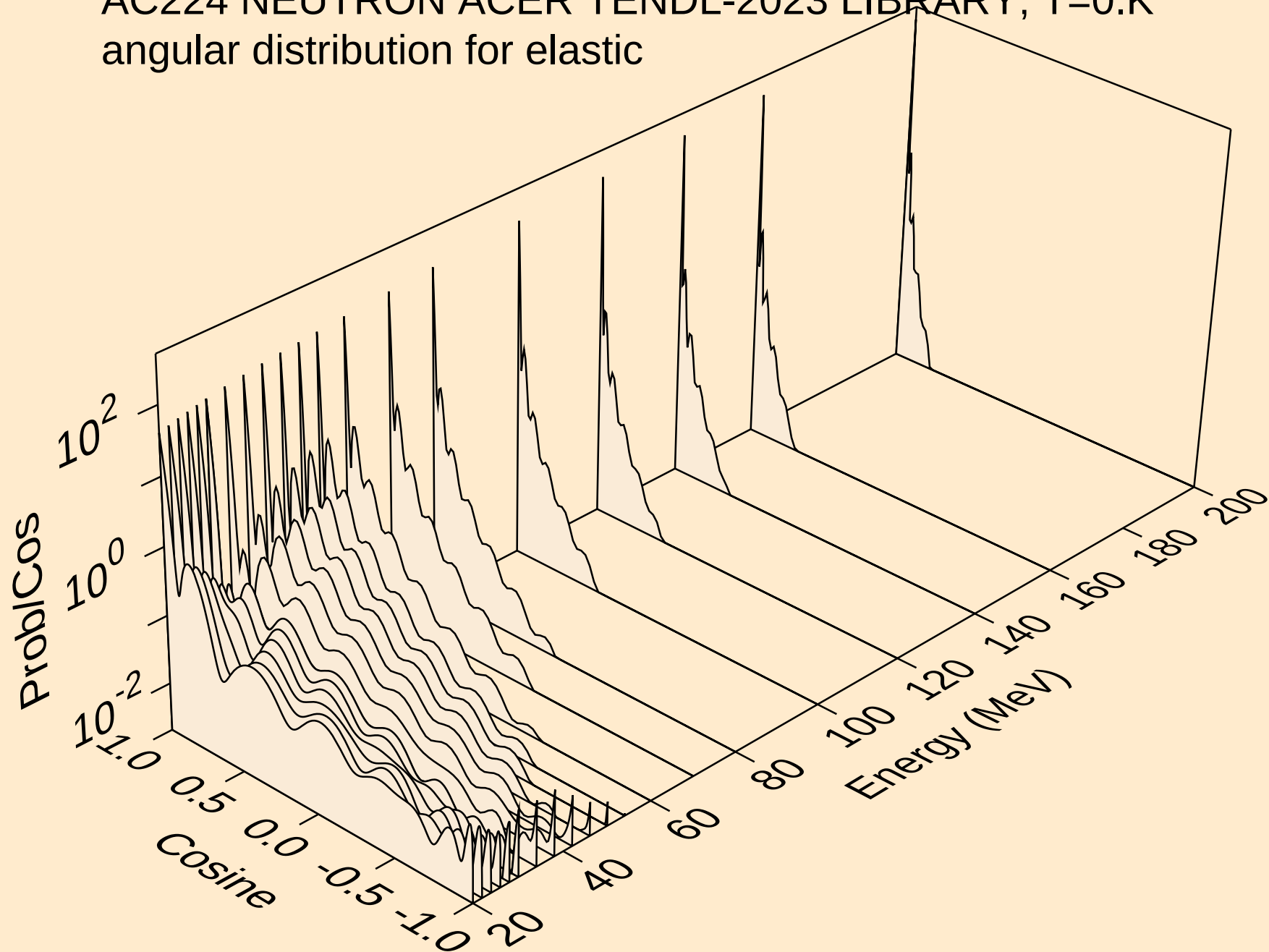
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



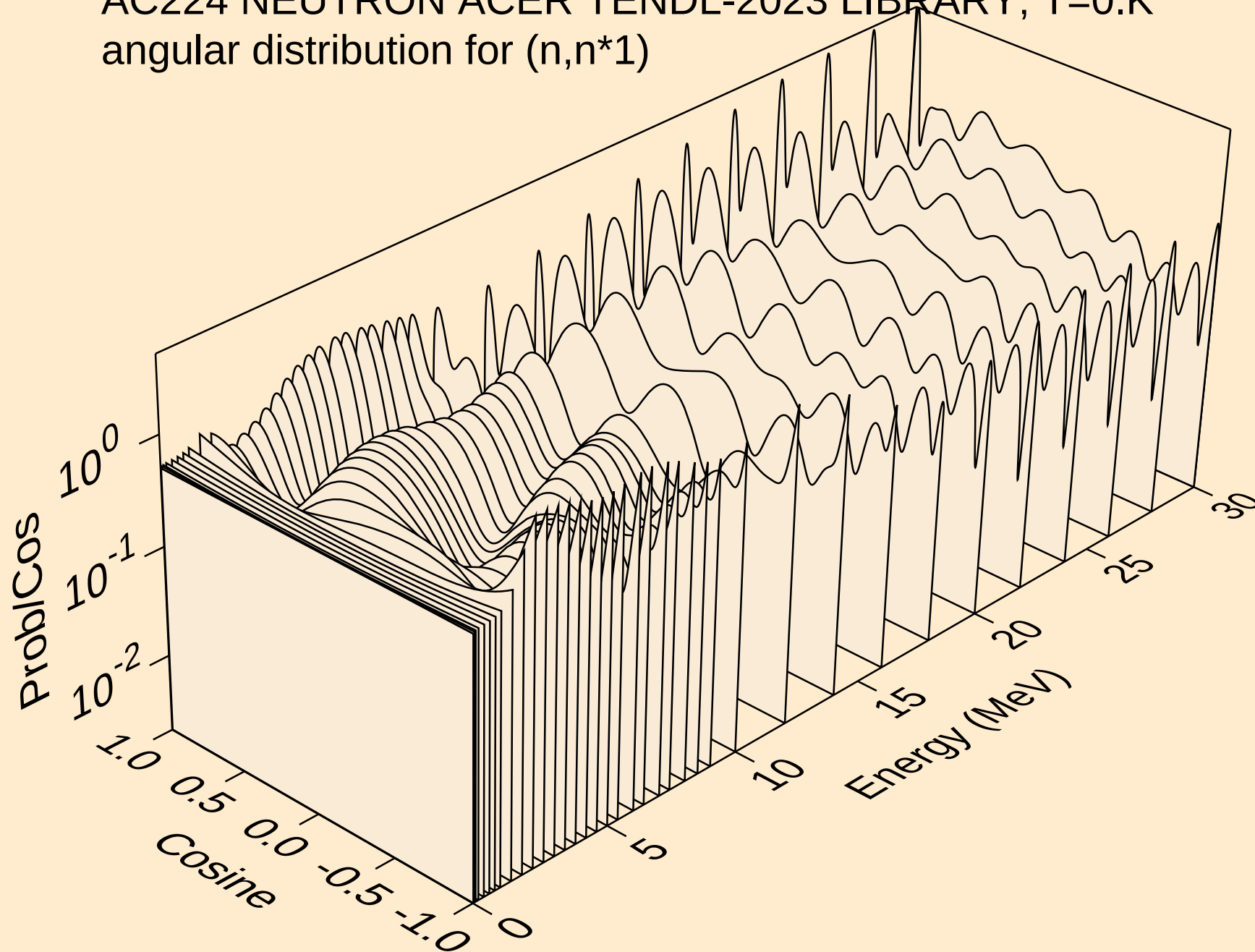
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



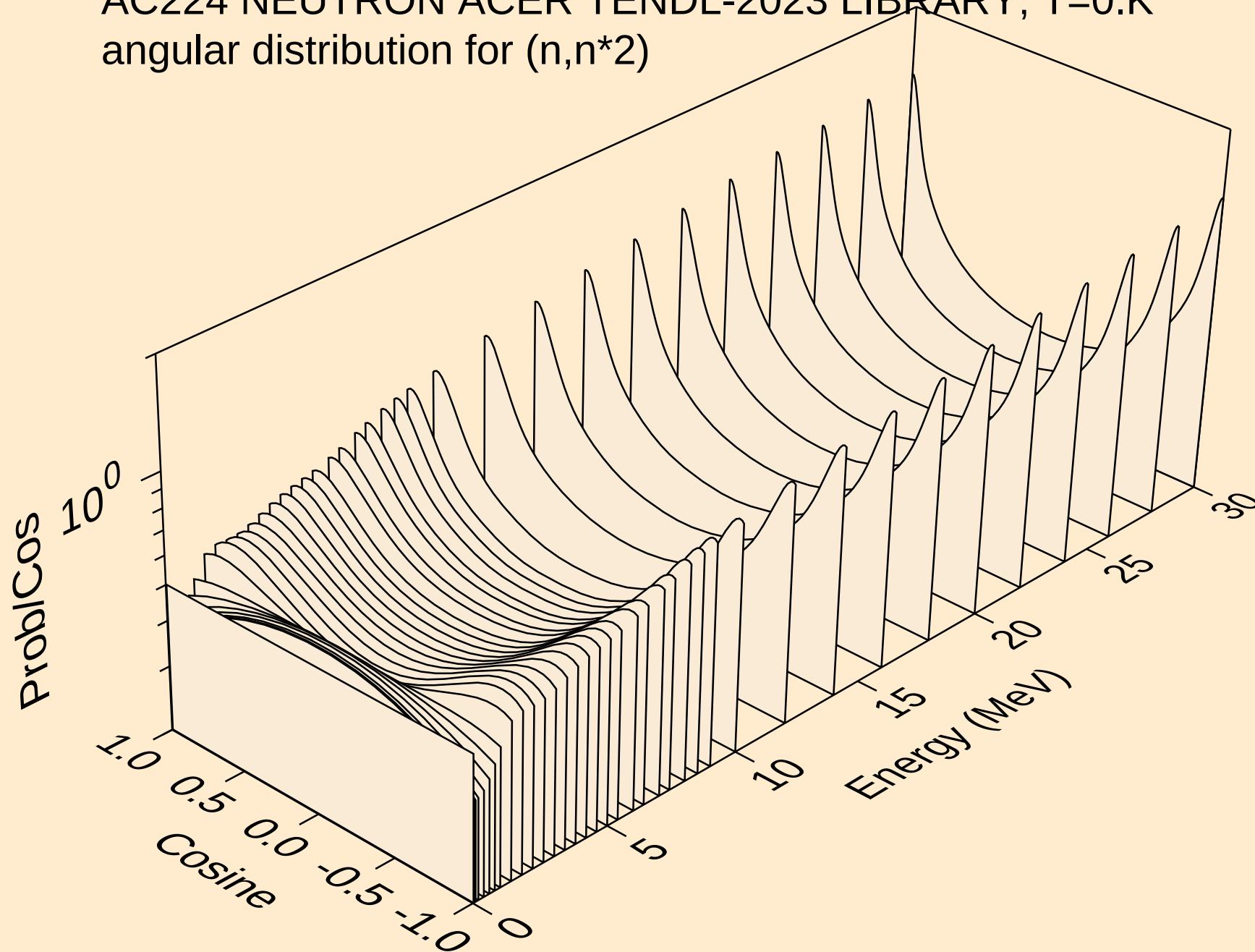
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



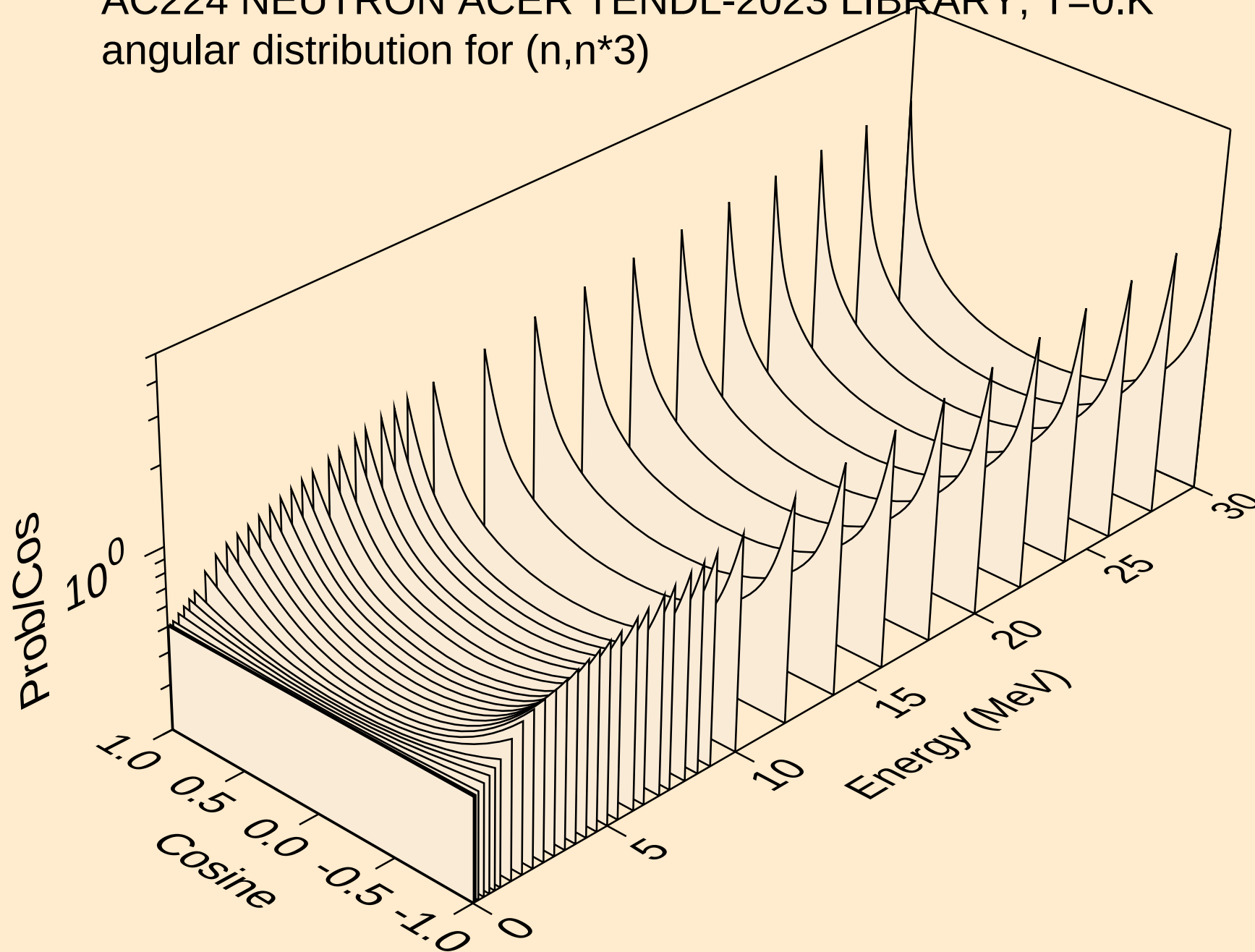
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



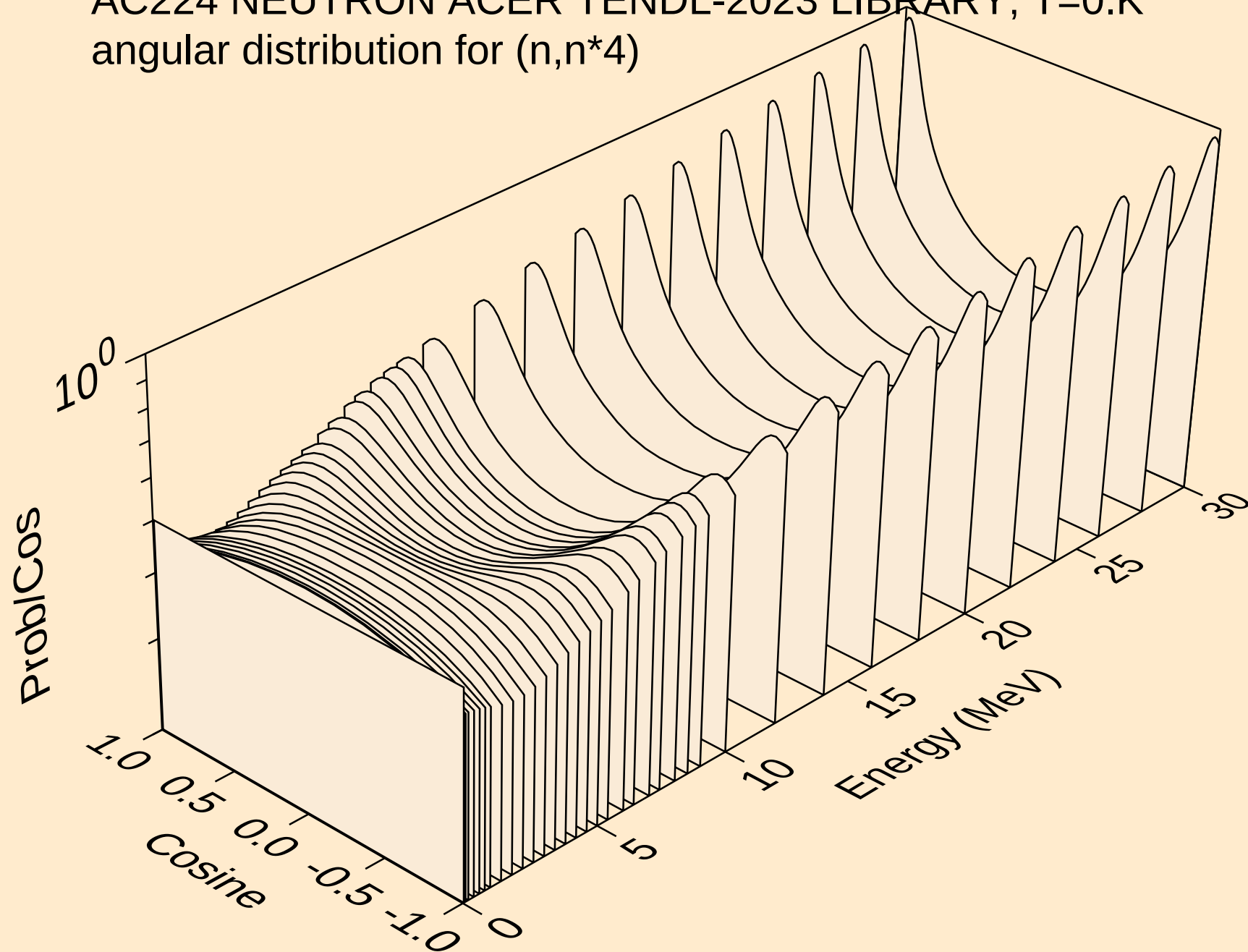
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



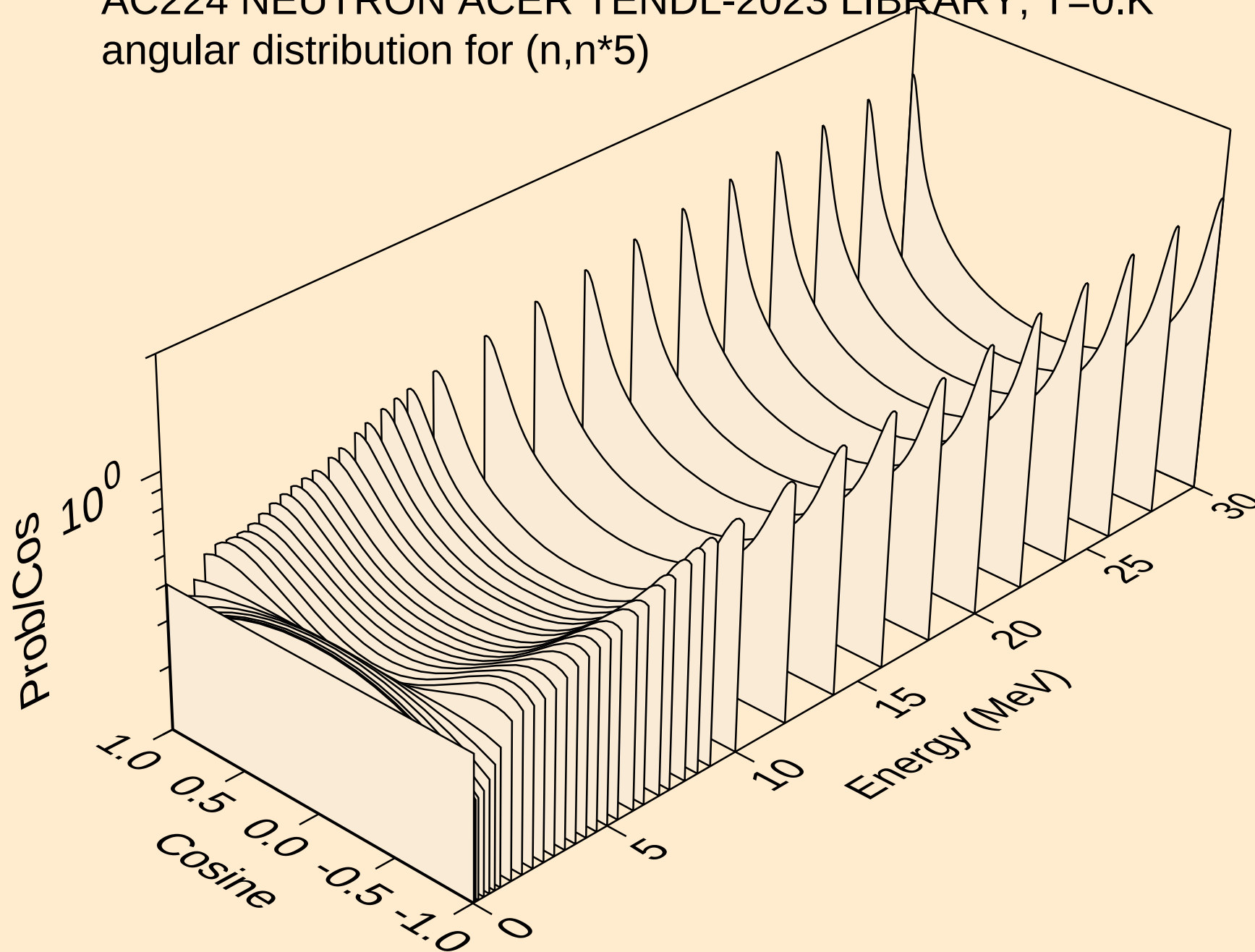
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



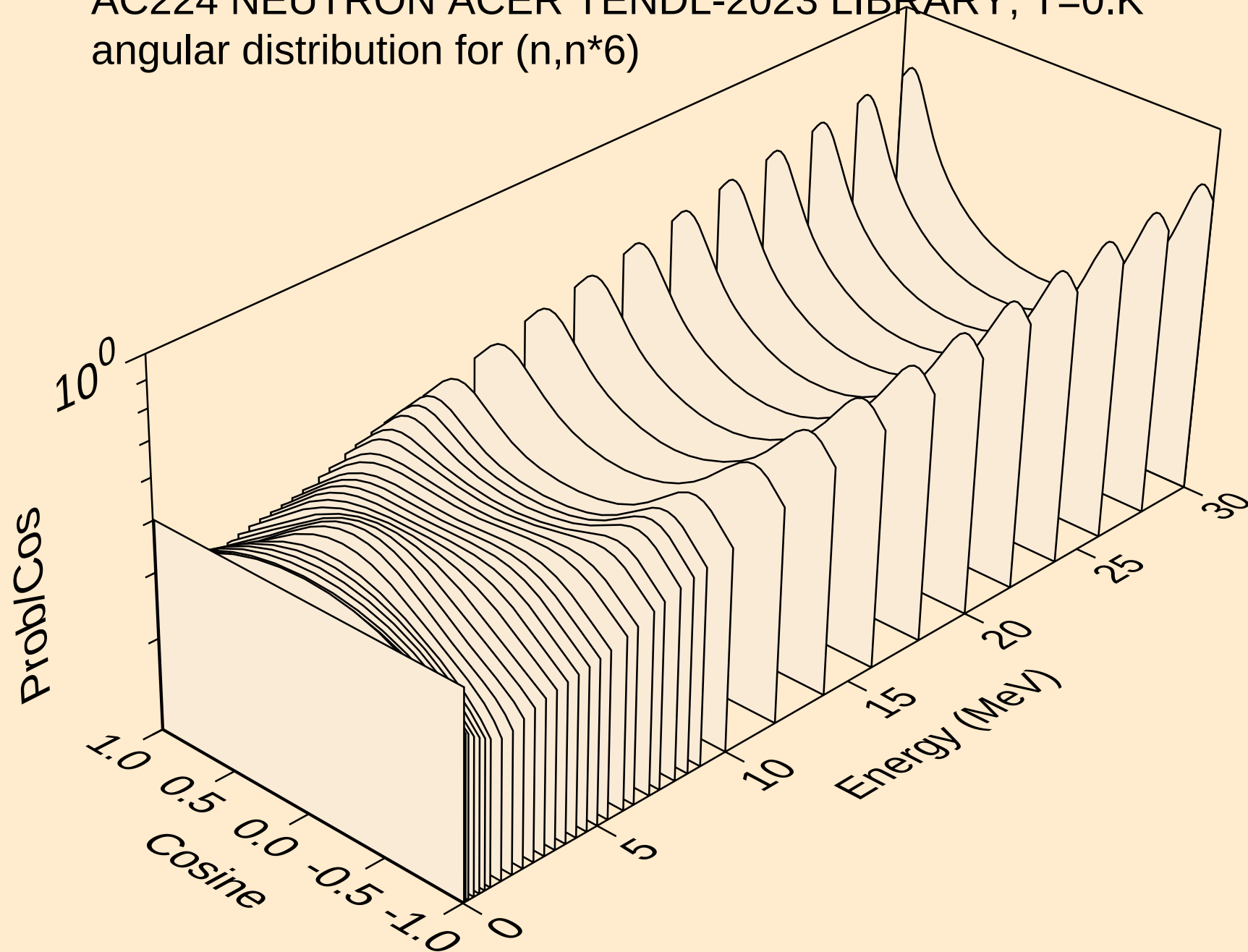
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angular distribution for (n,n*4)



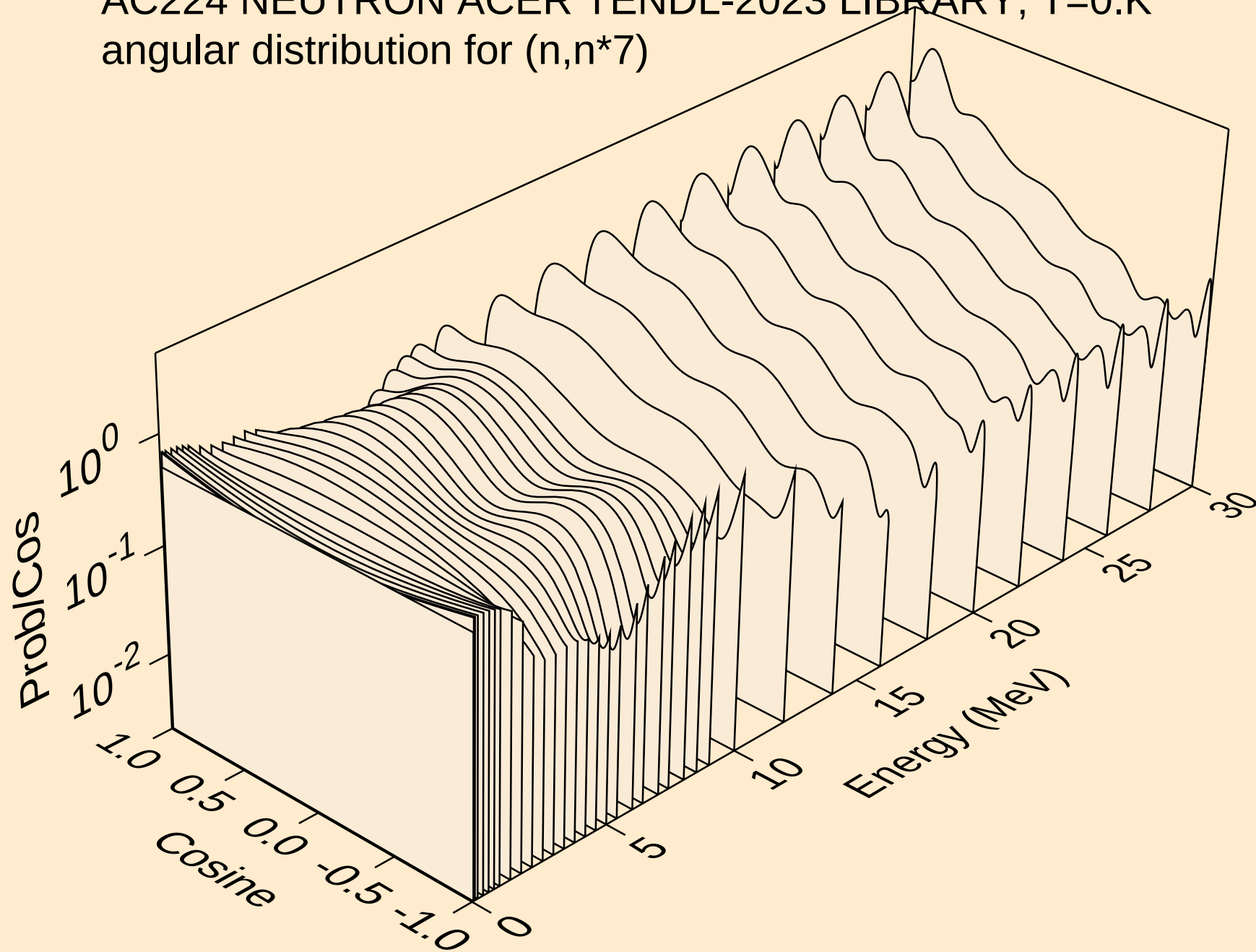
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angular distribution for (n,n*5)



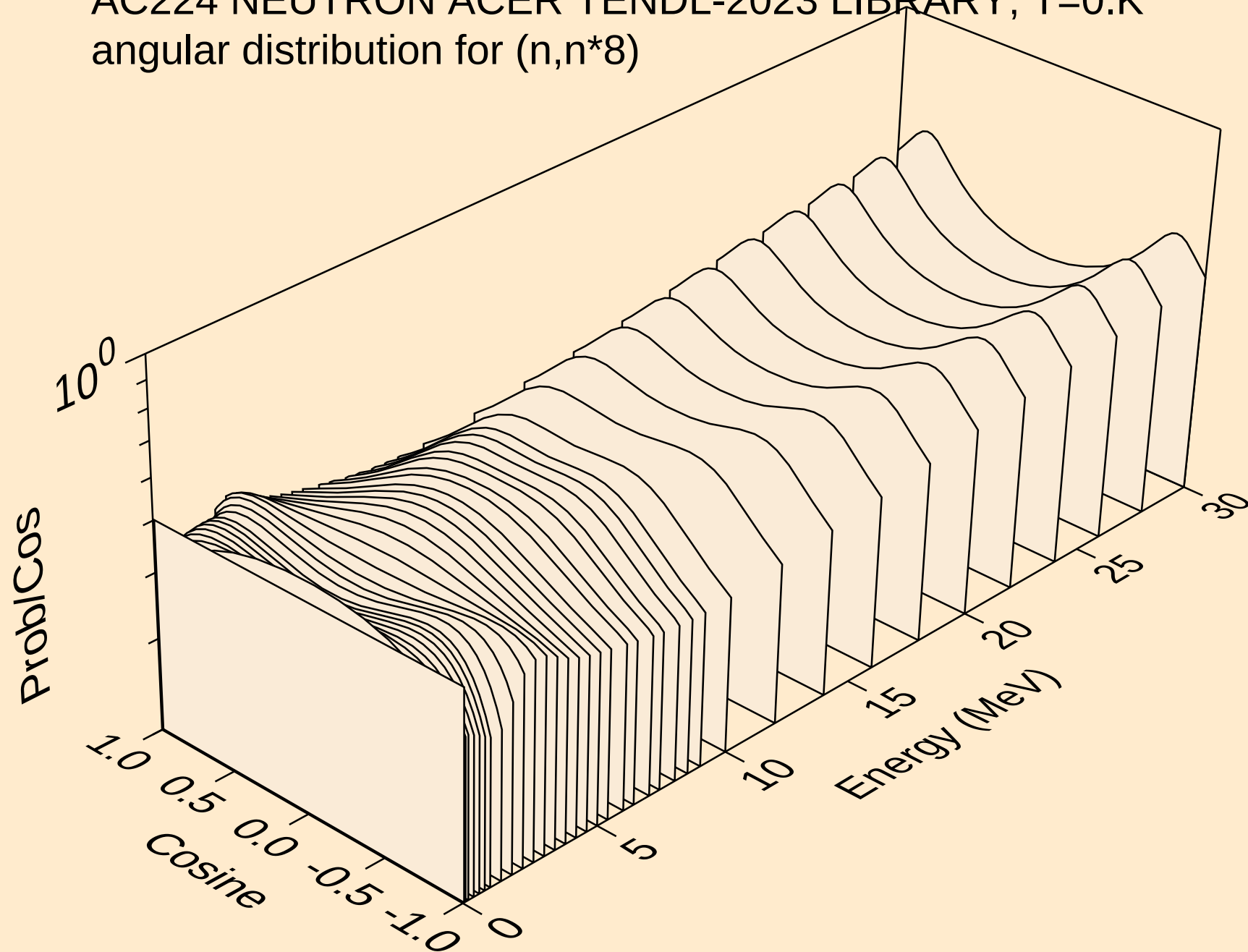
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angular distribution for (n,n*6)



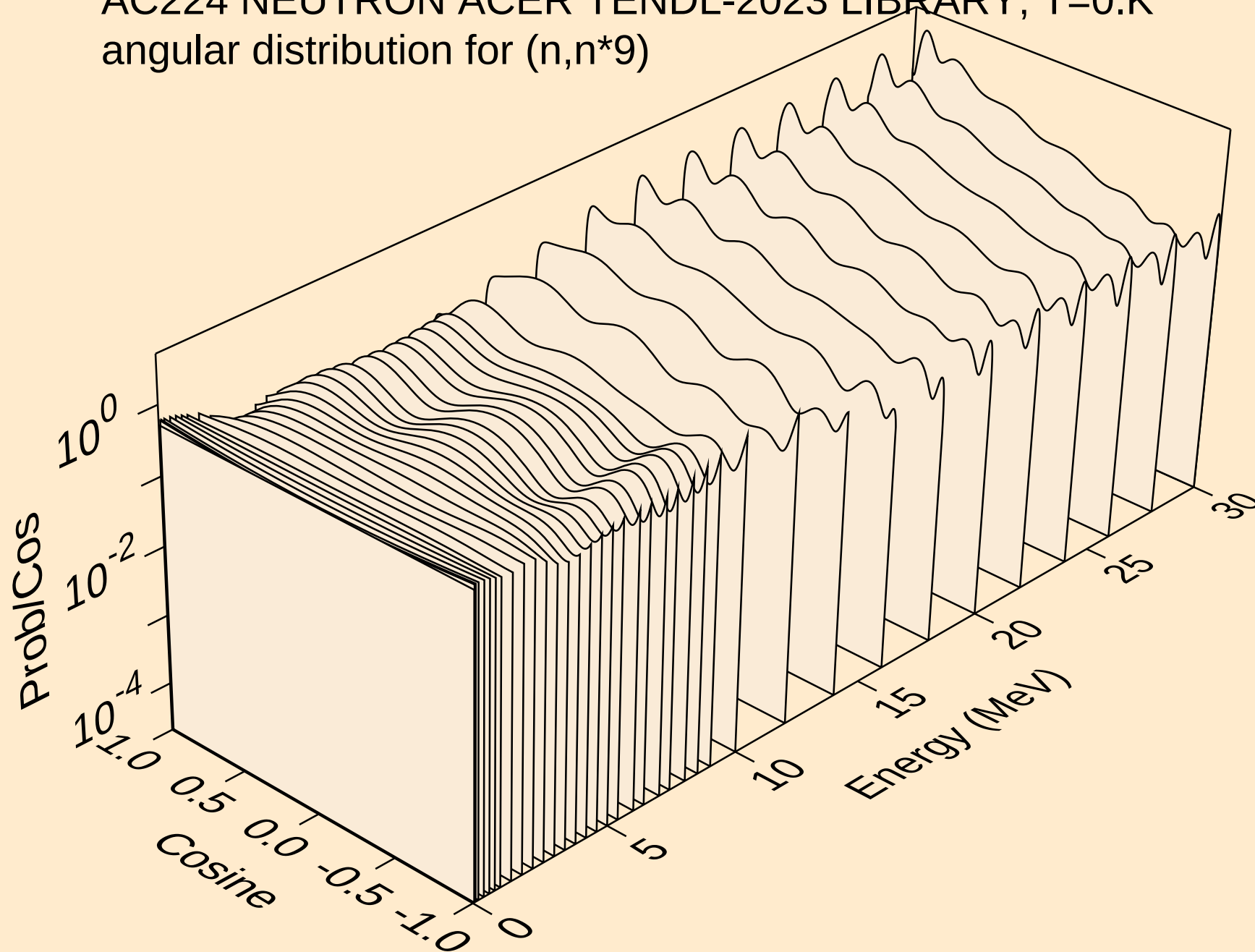
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



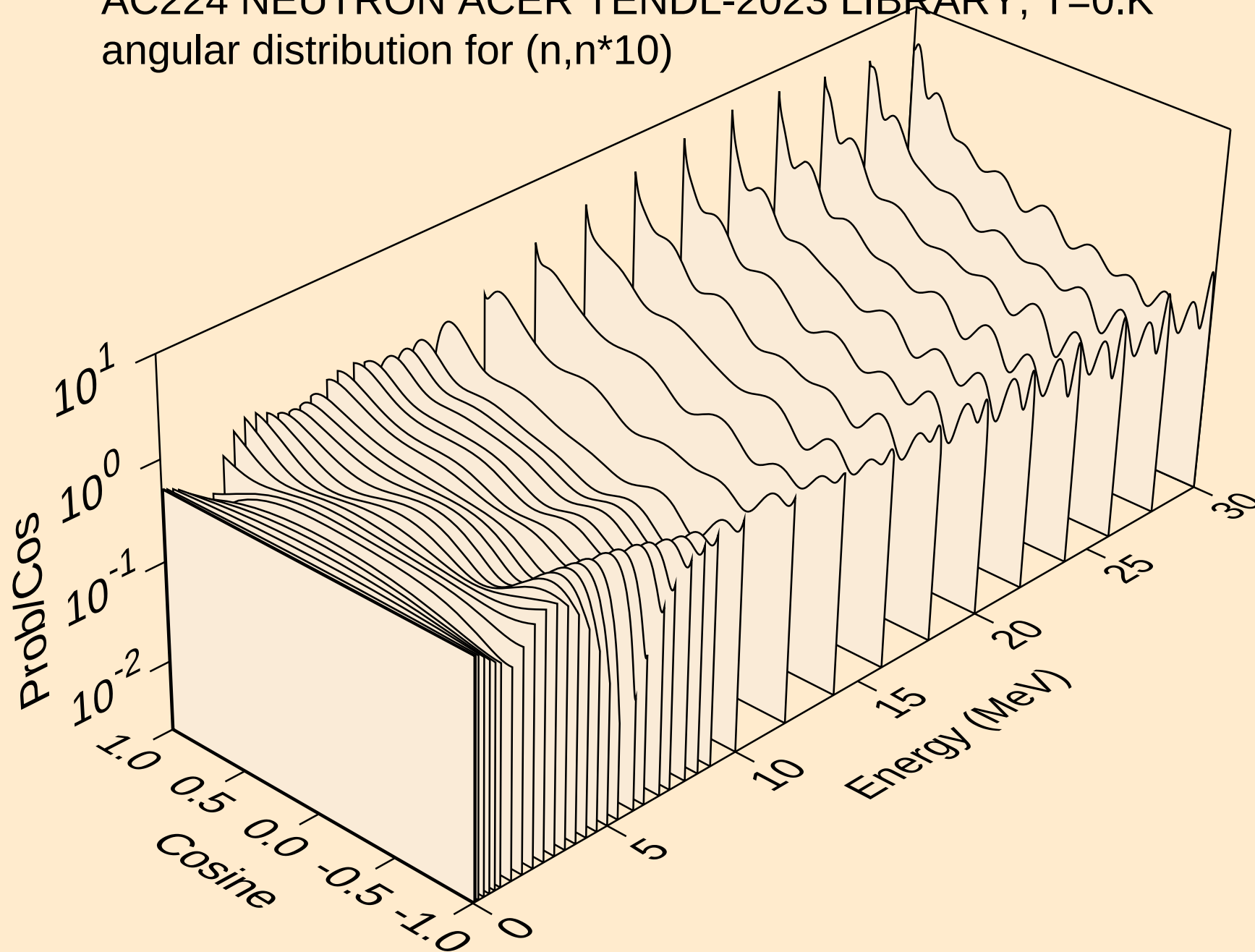
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



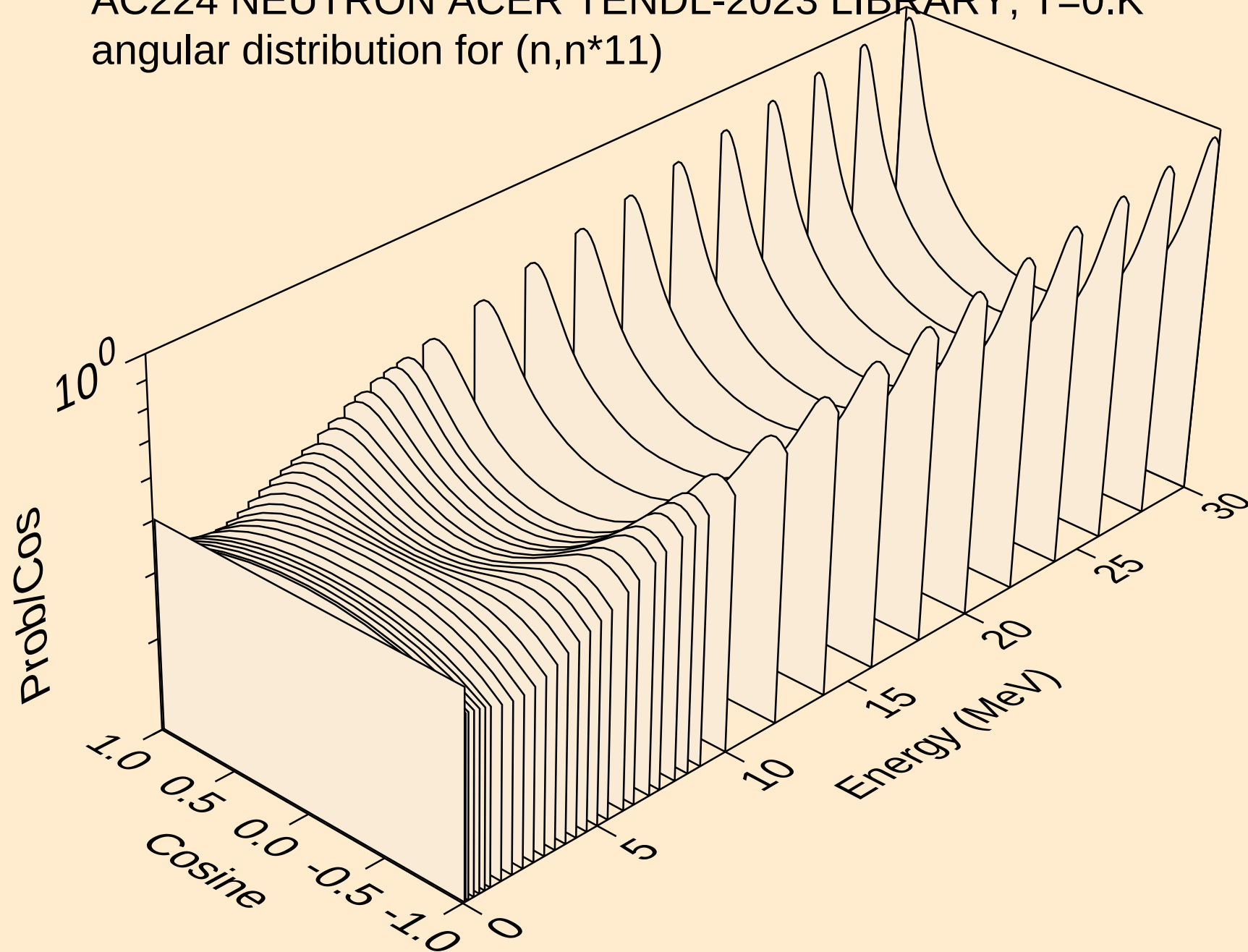
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



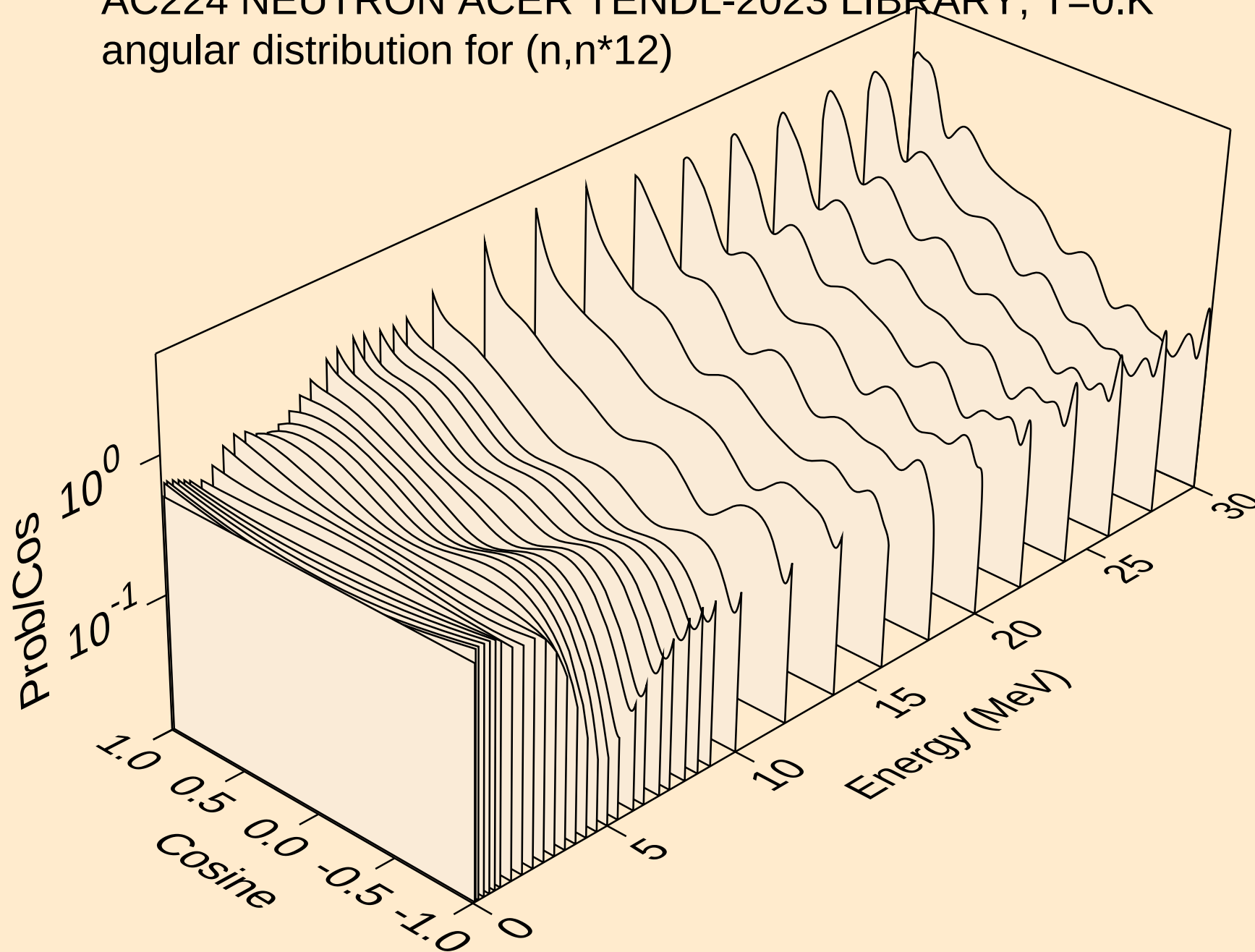
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angular distribution for (n,n*10)



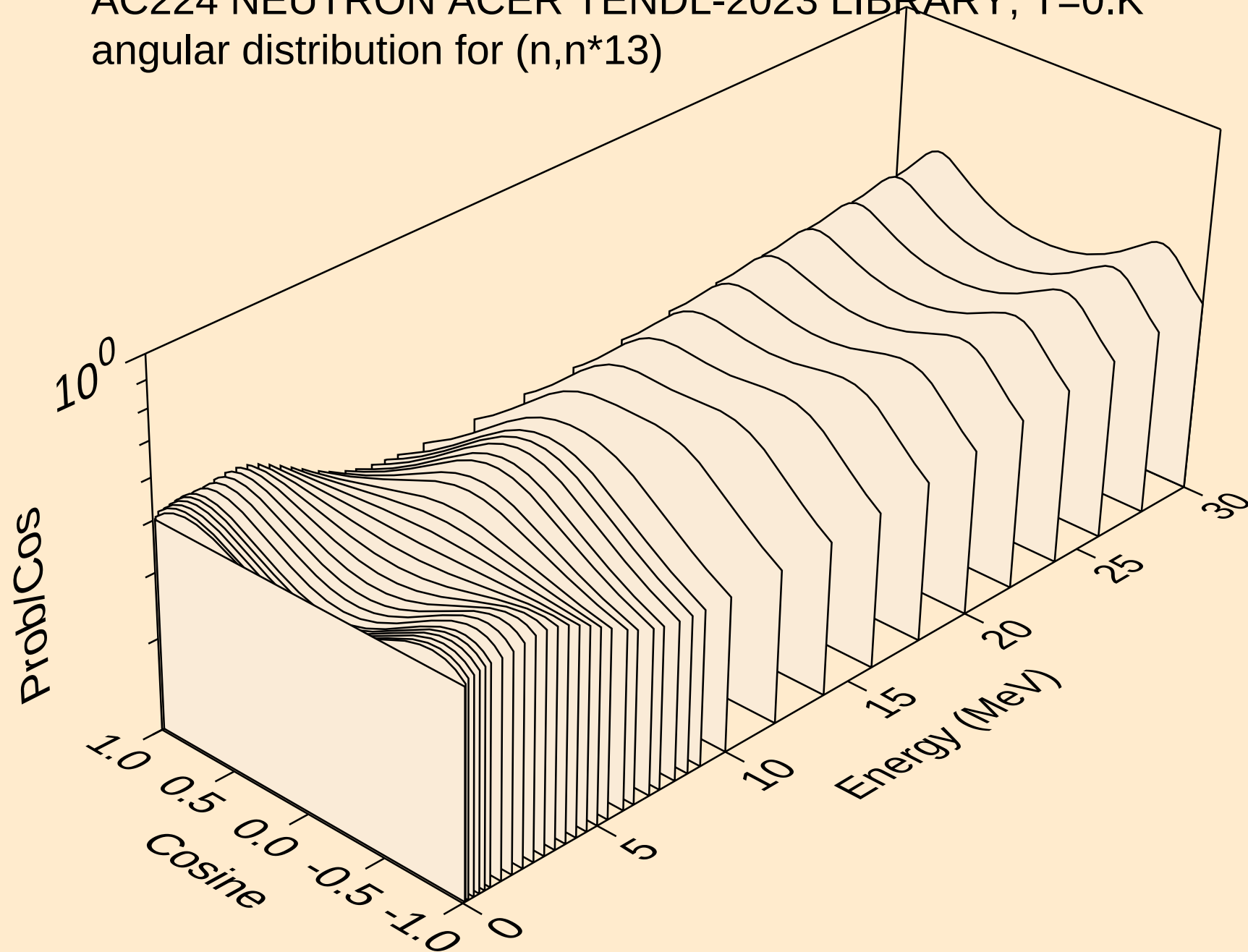
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



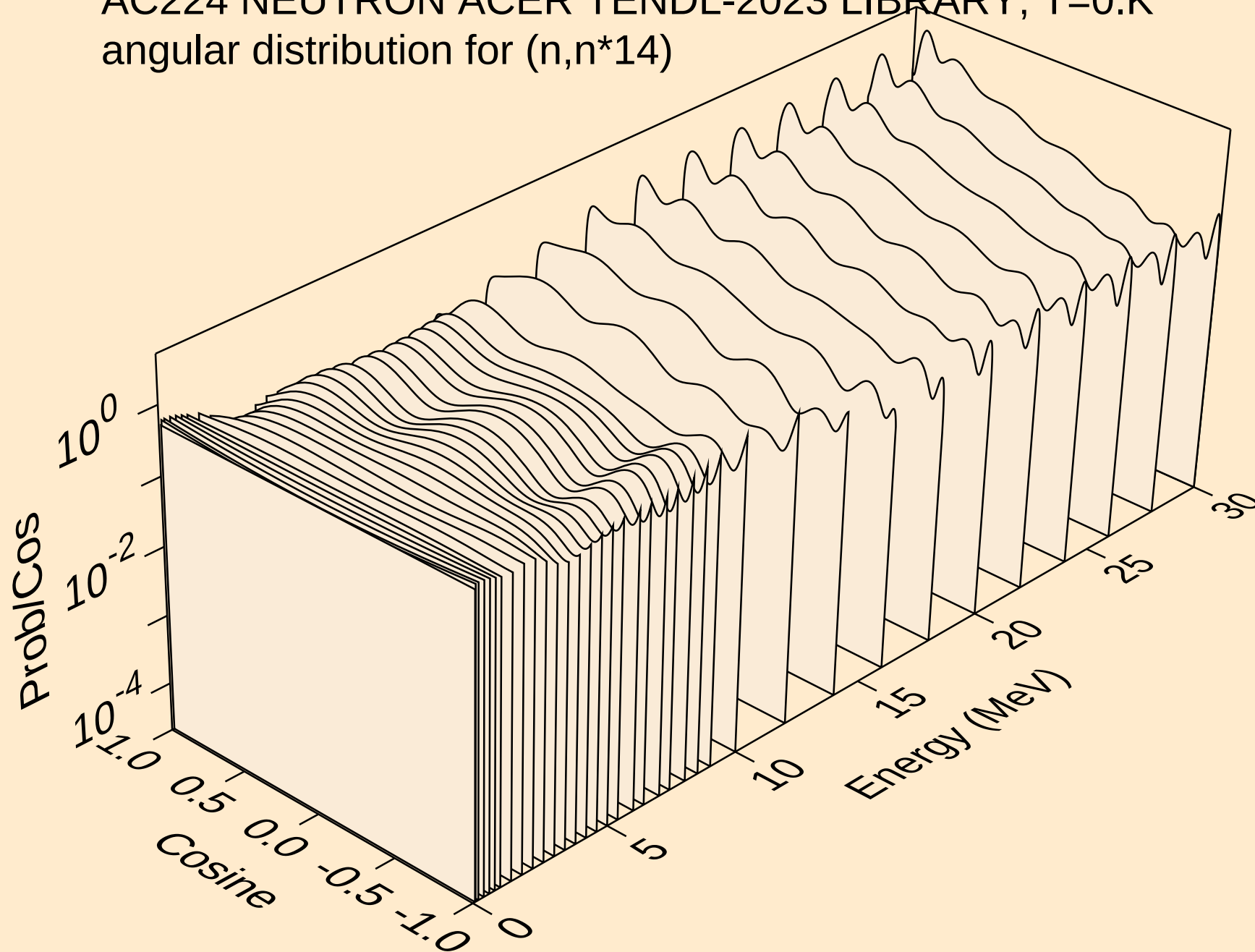
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



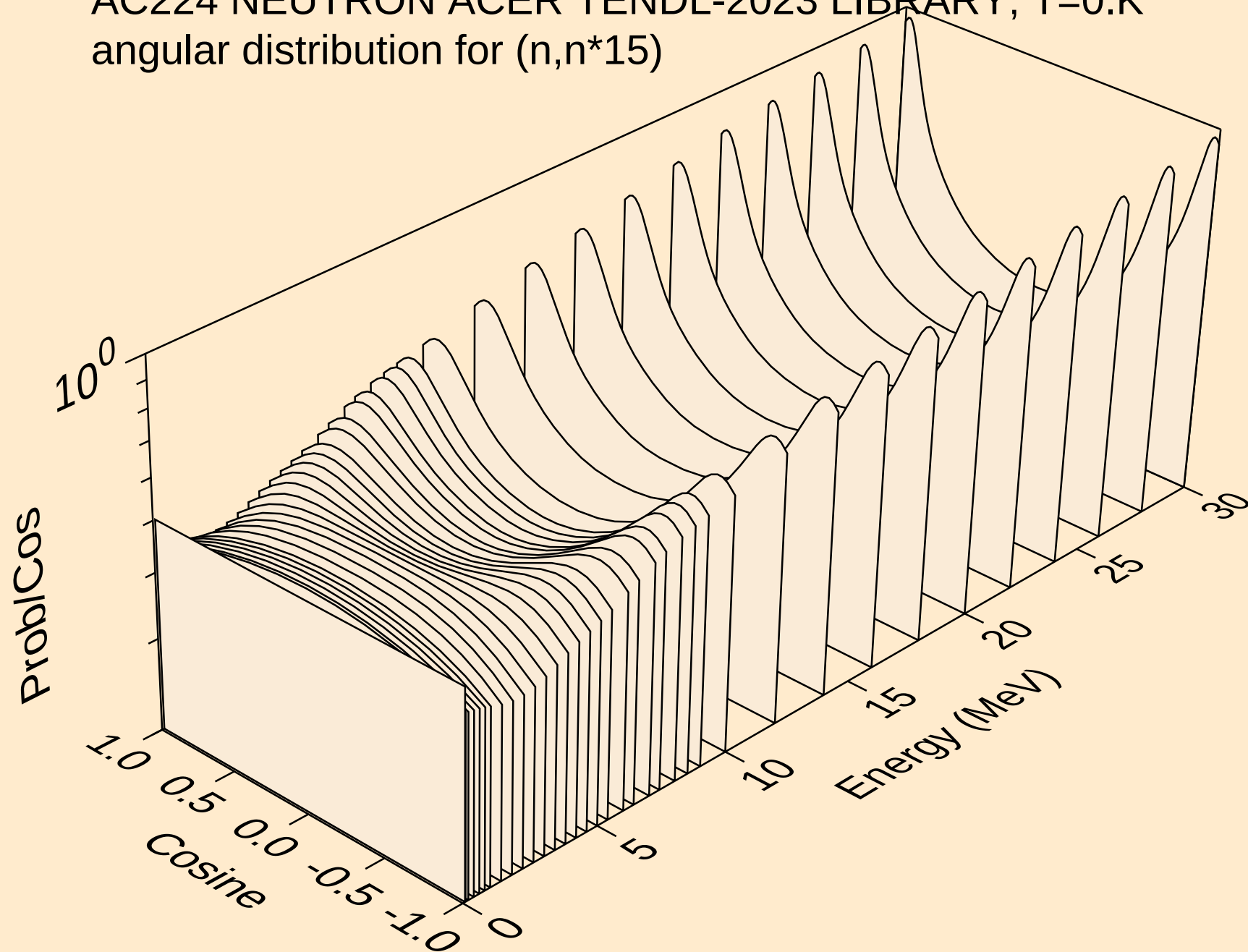
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)

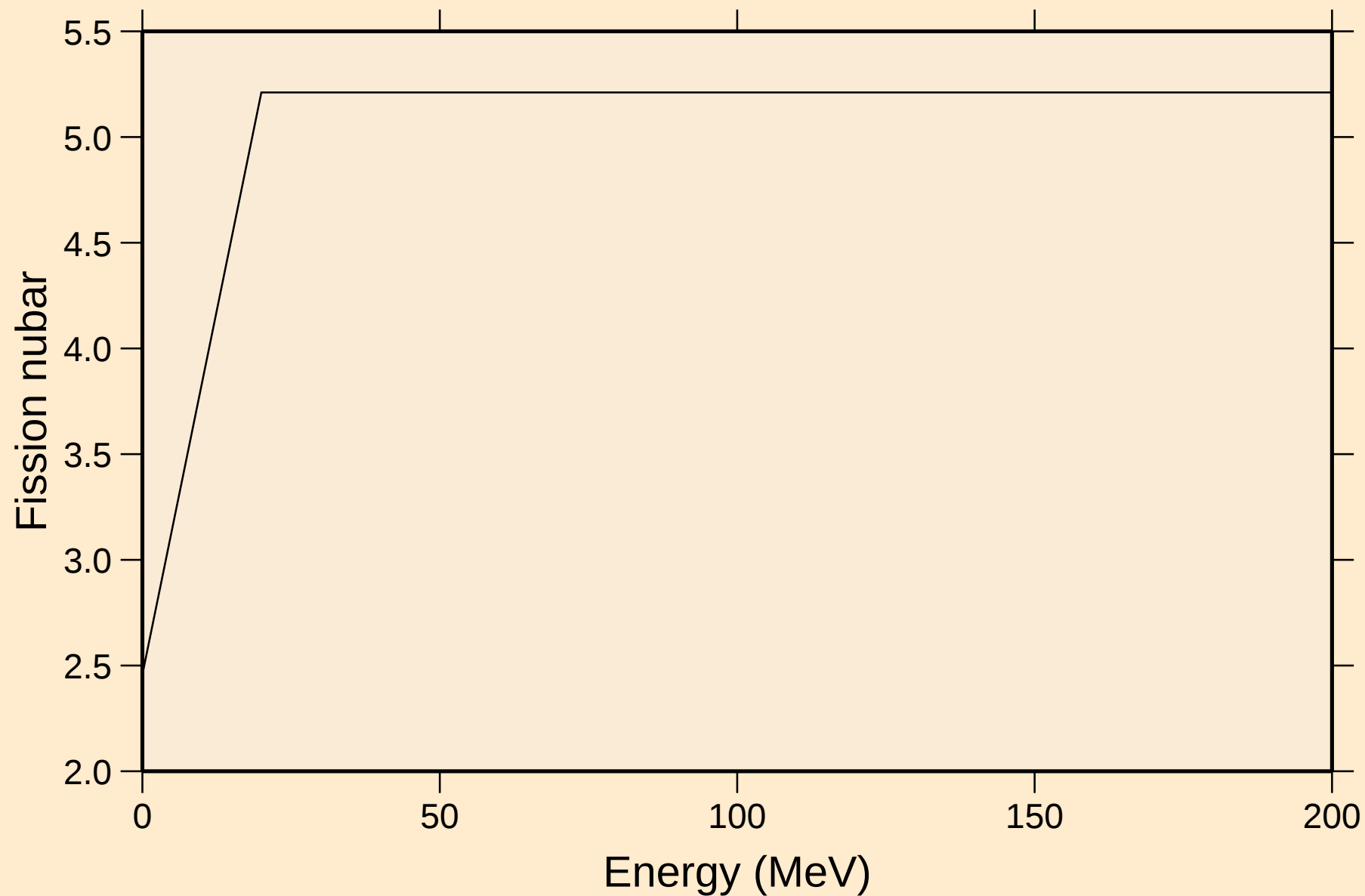


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)

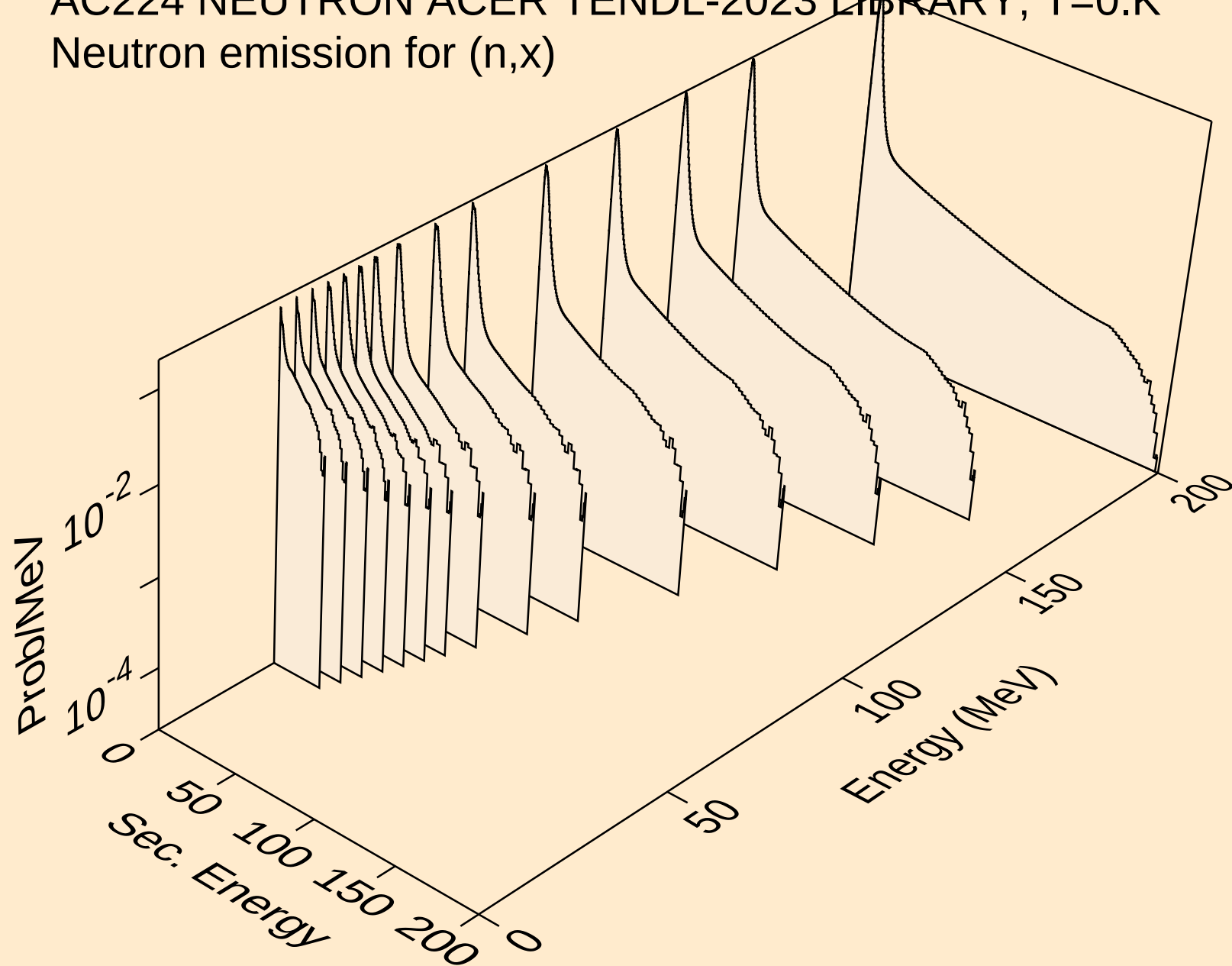


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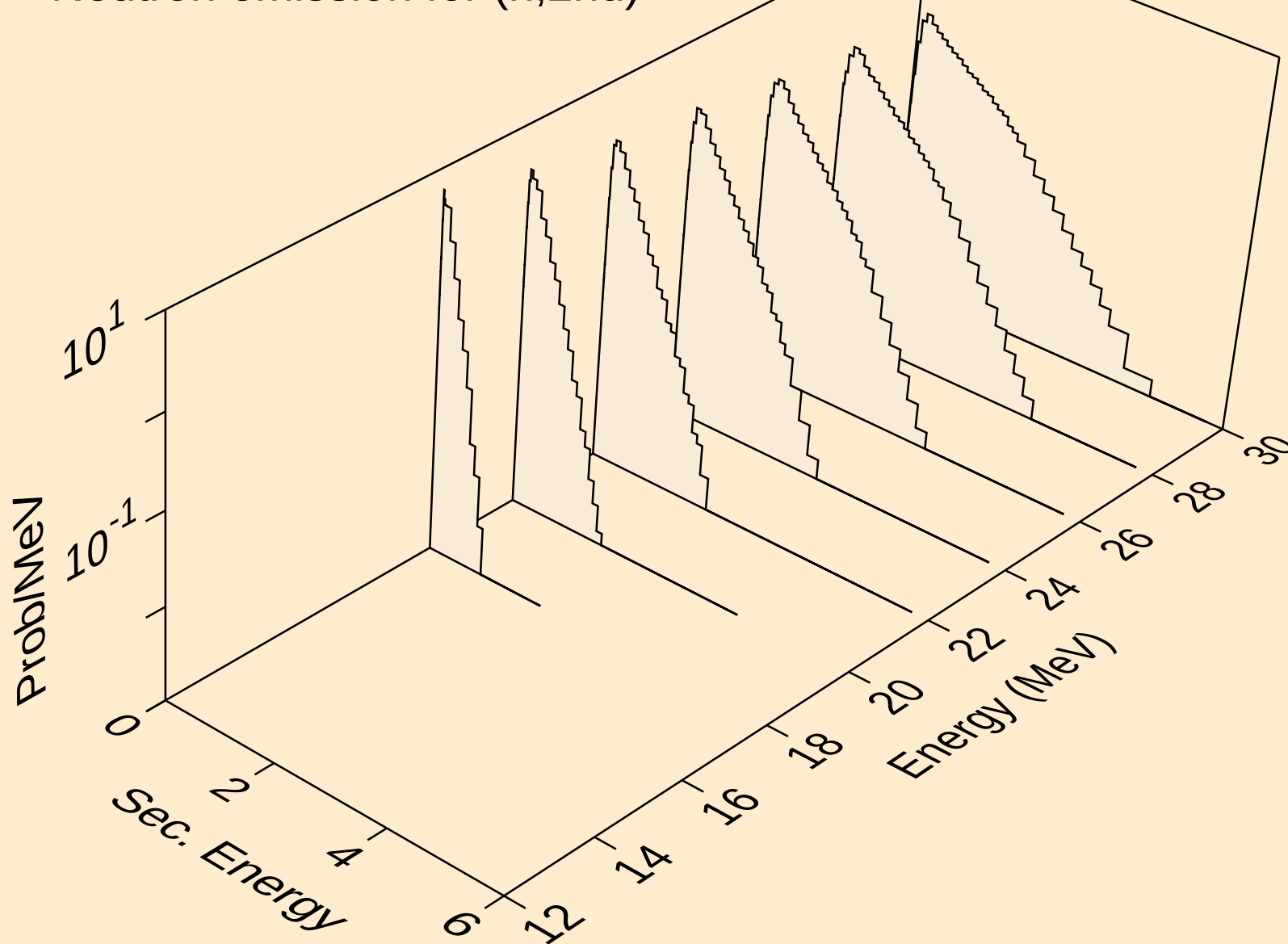
Total fission nubar



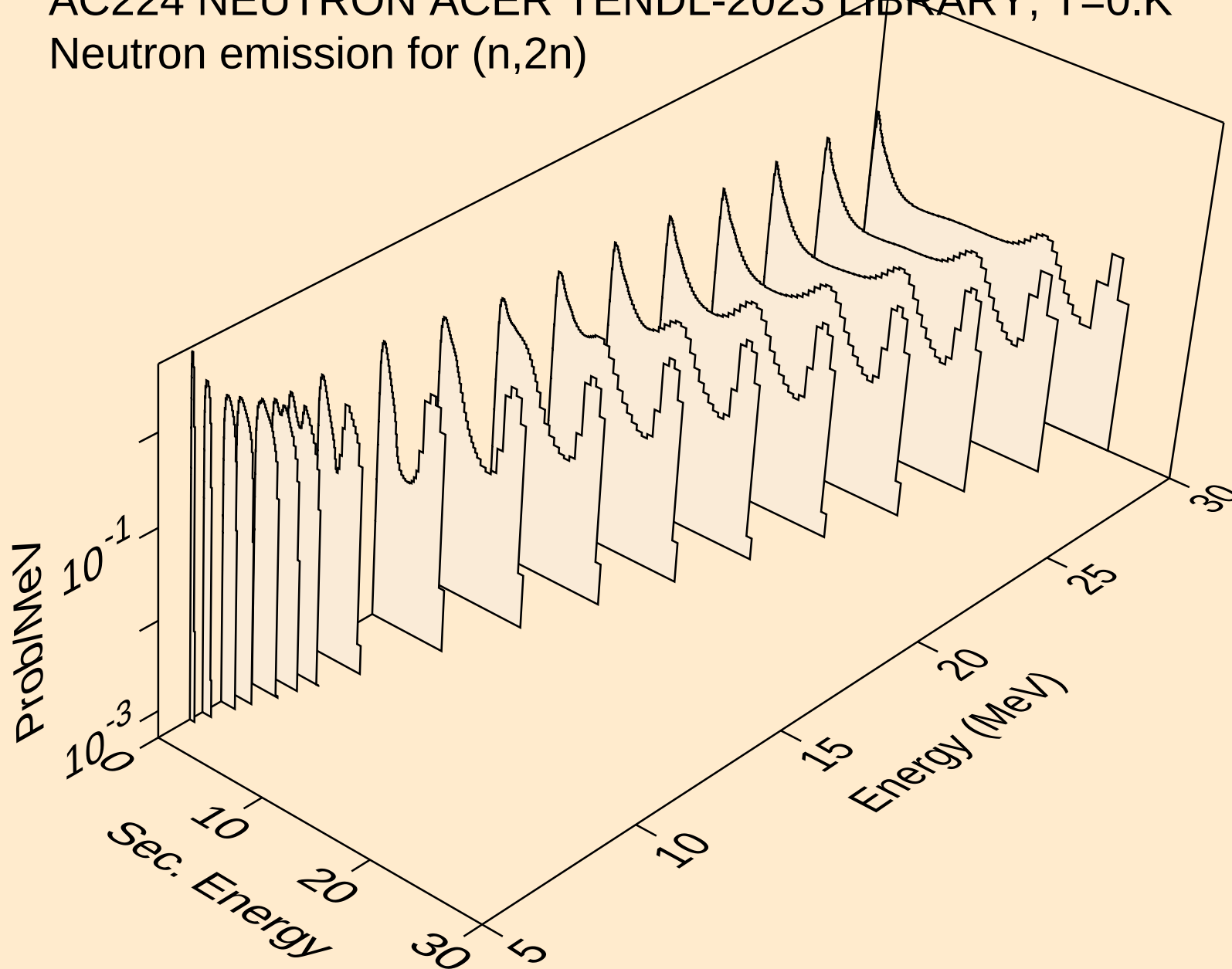
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



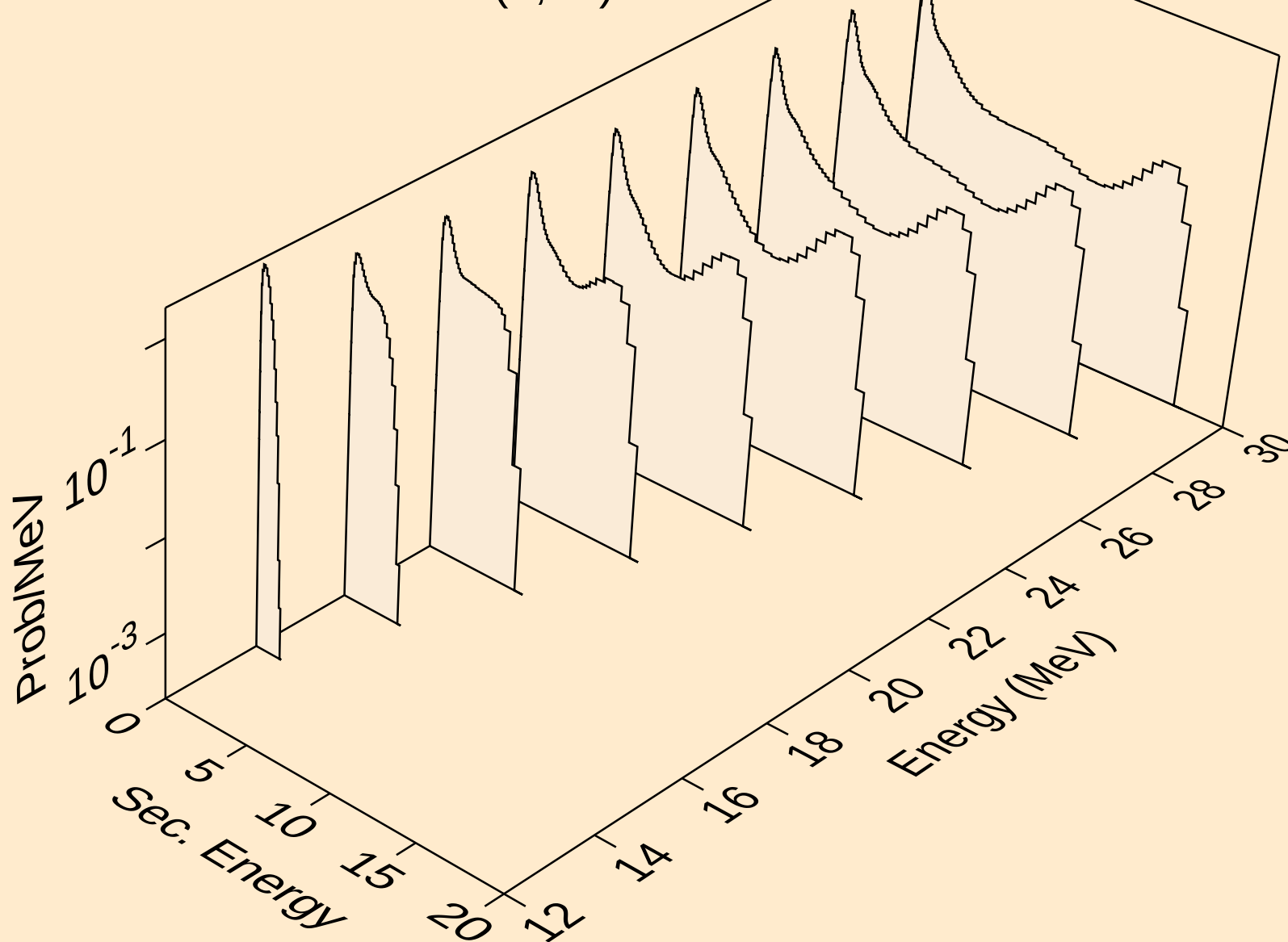
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



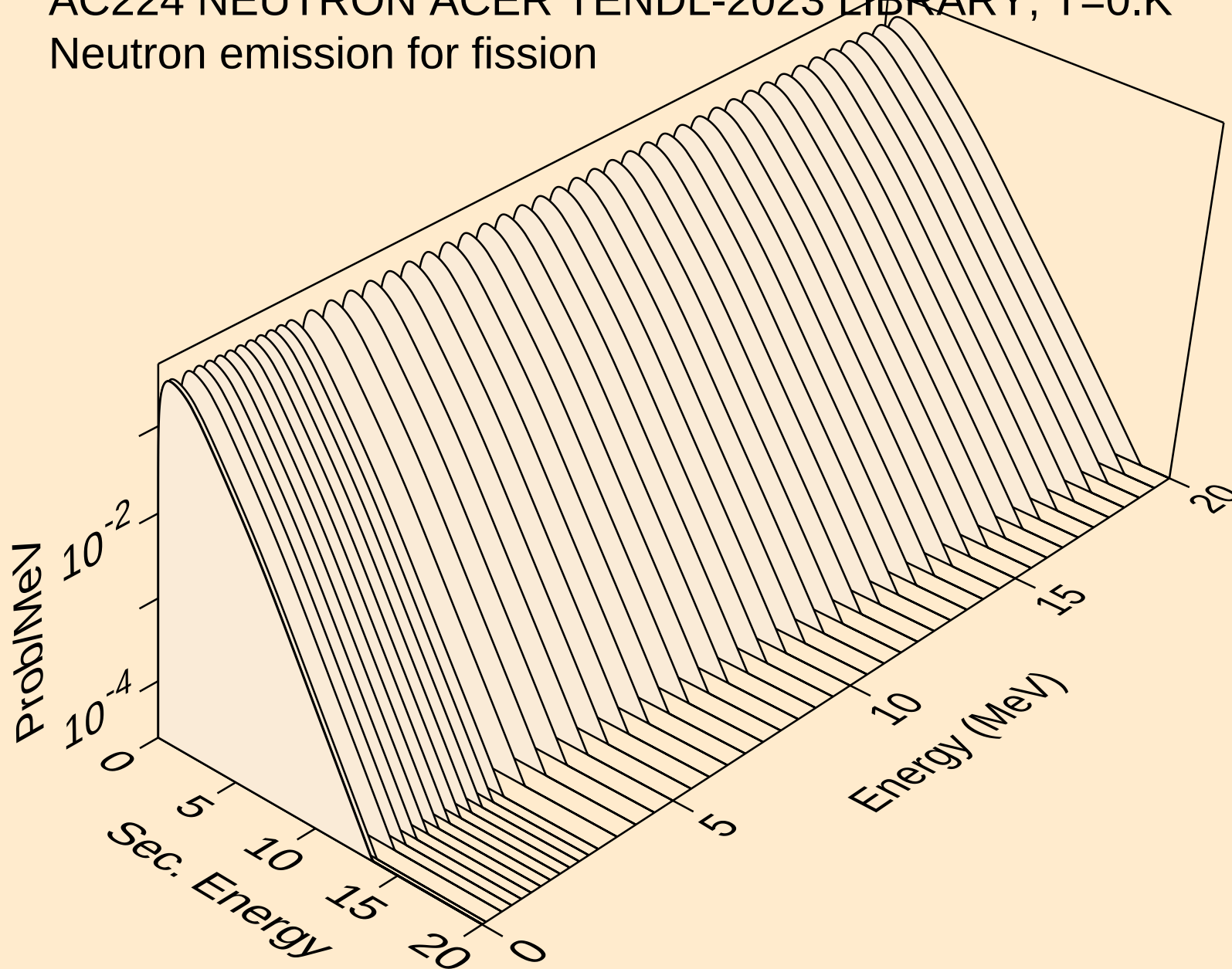
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



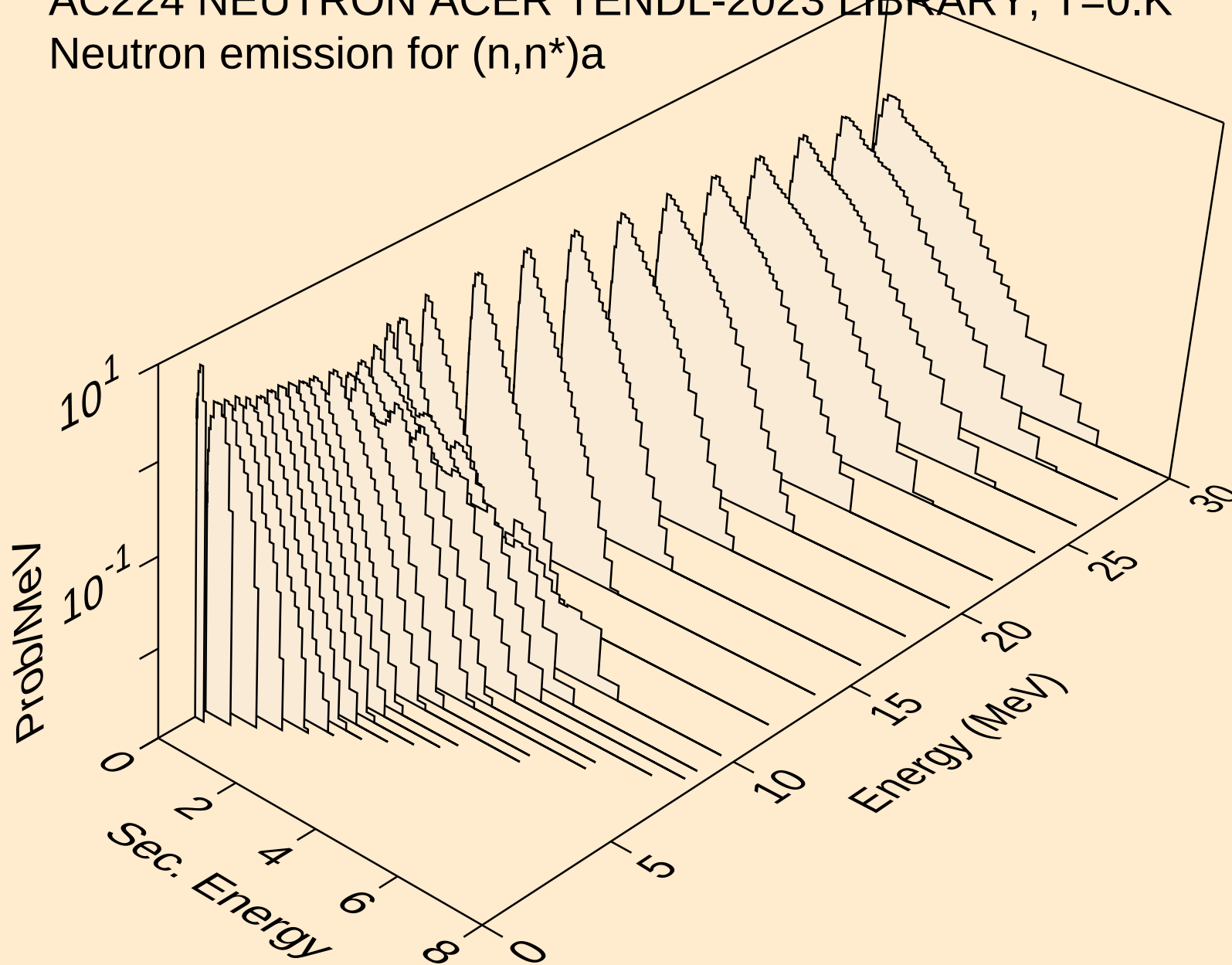
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



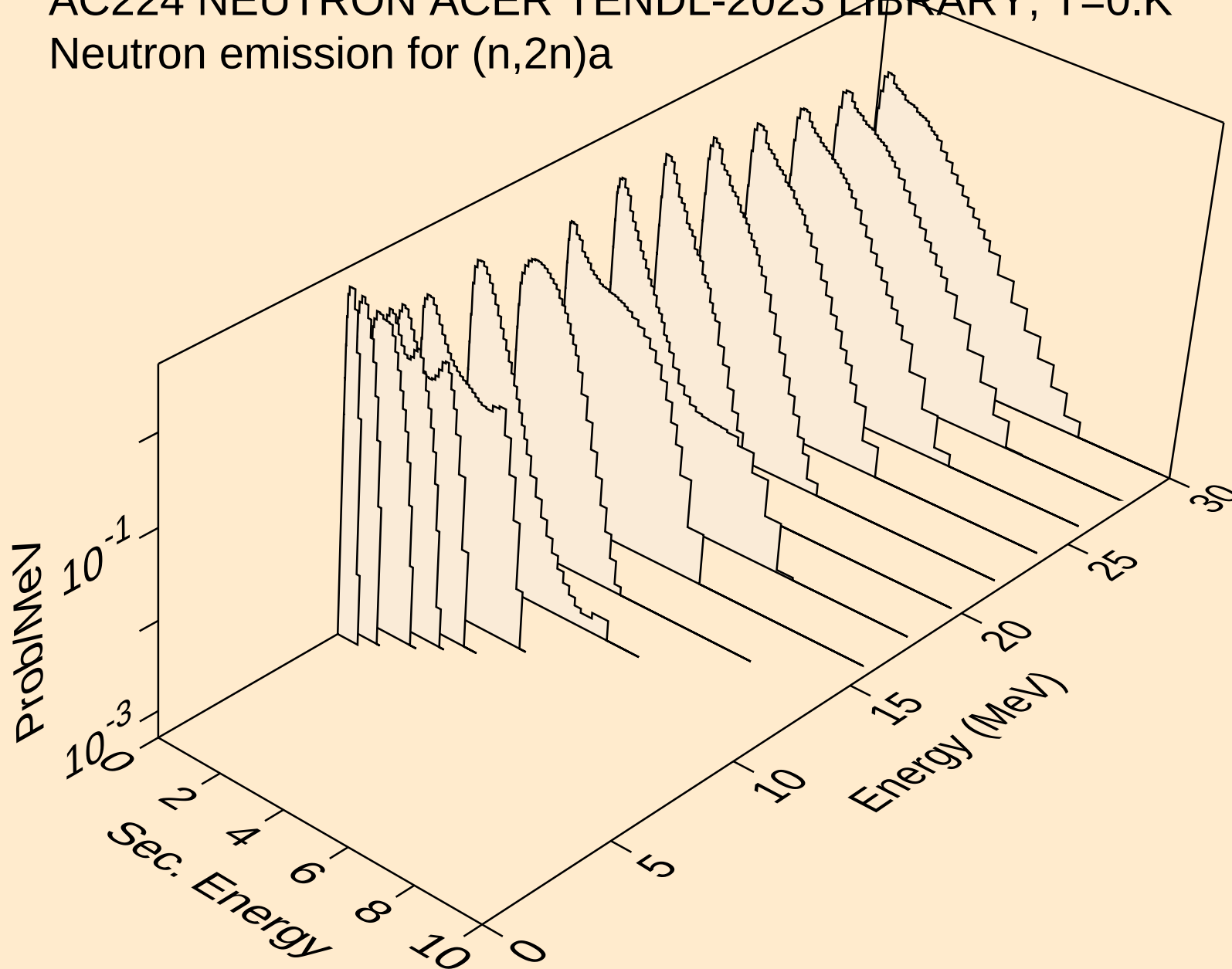
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



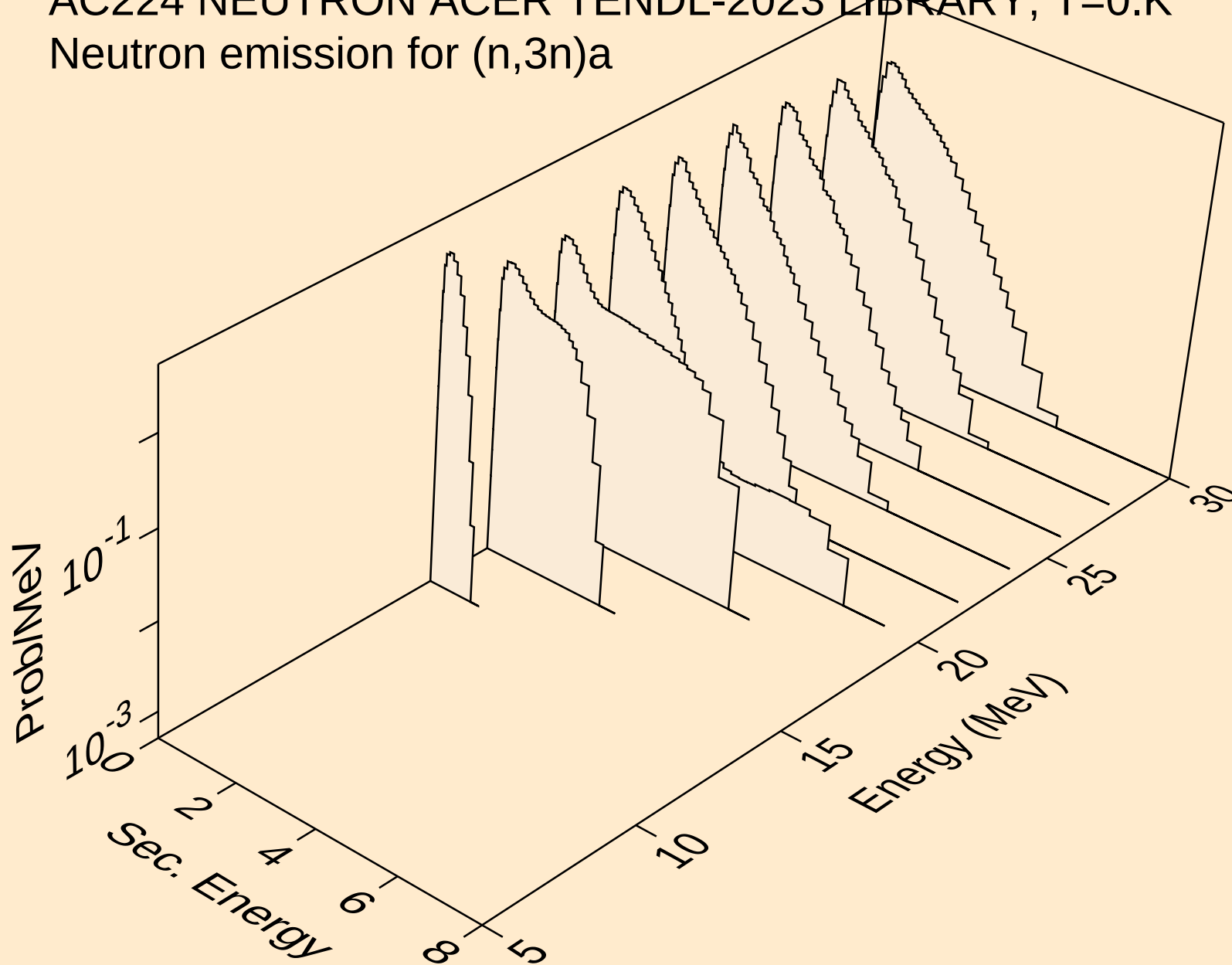
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



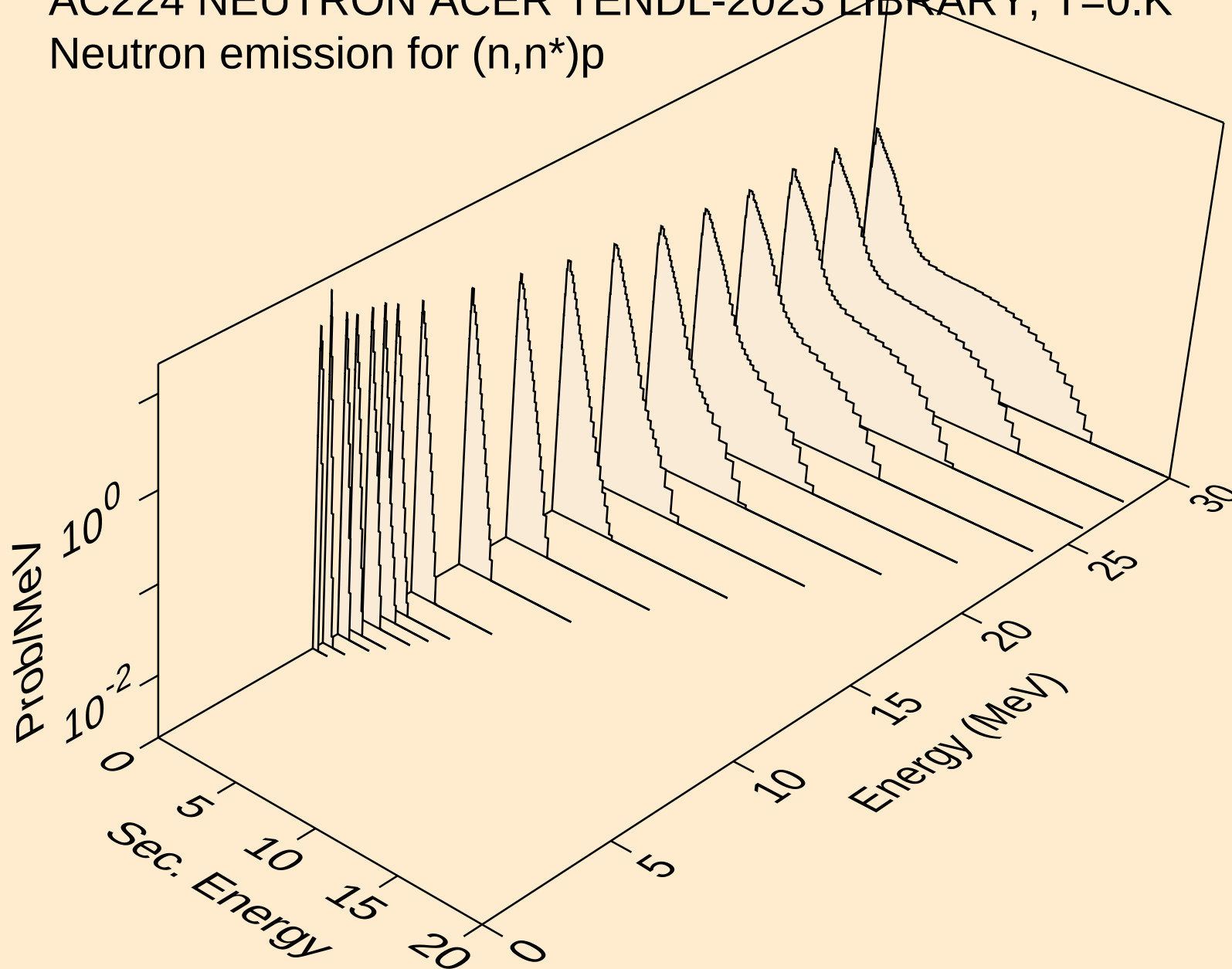
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



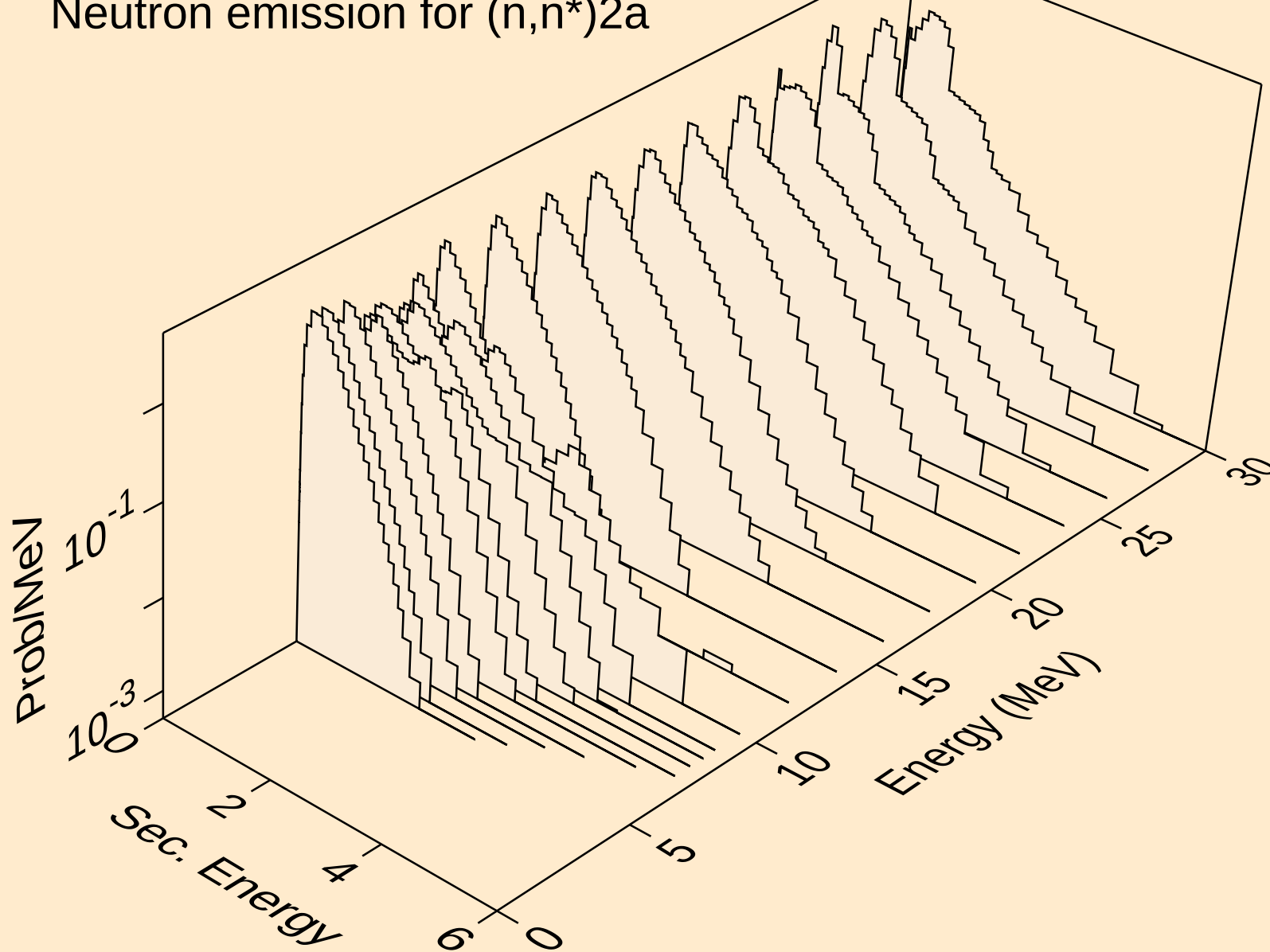
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



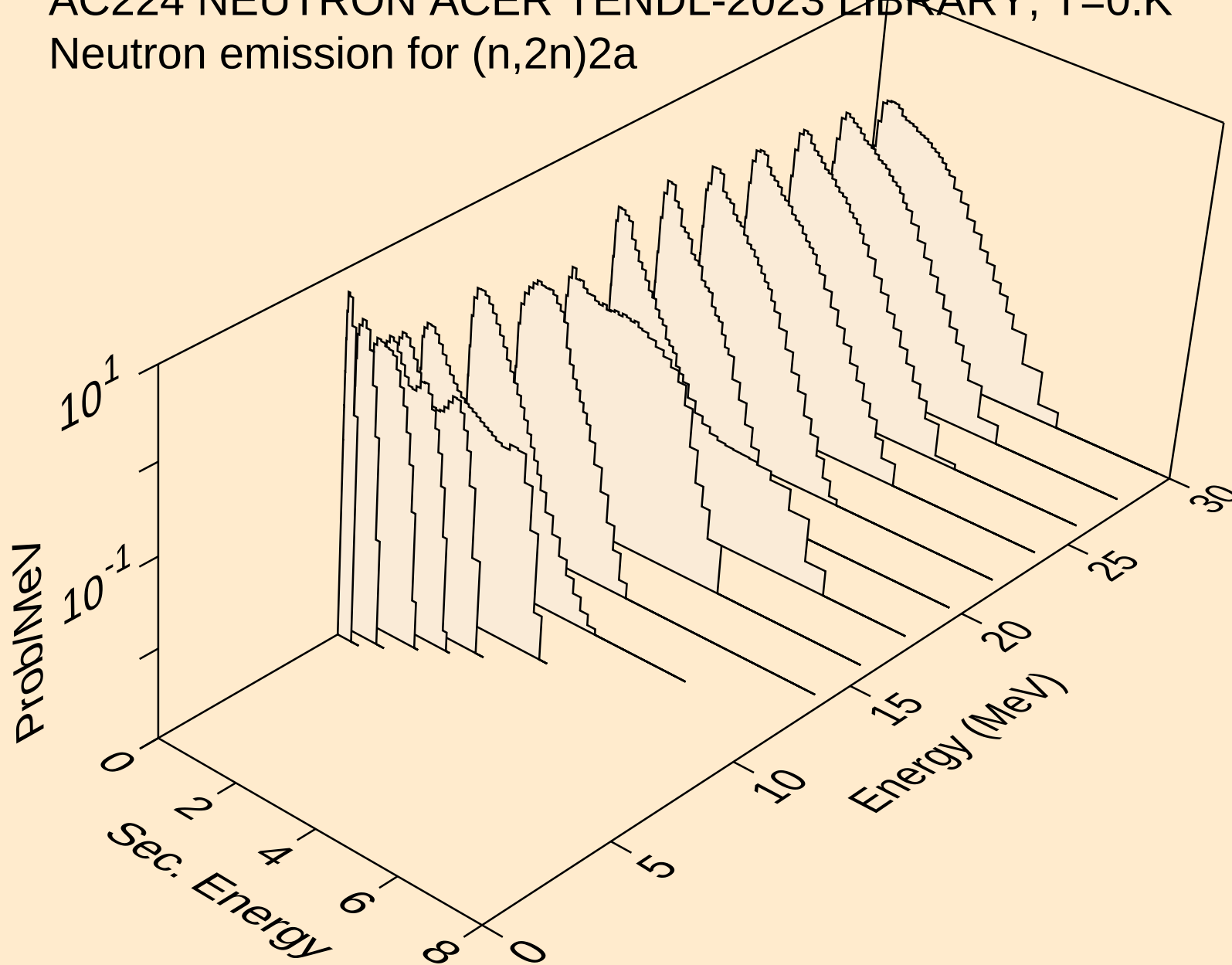
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



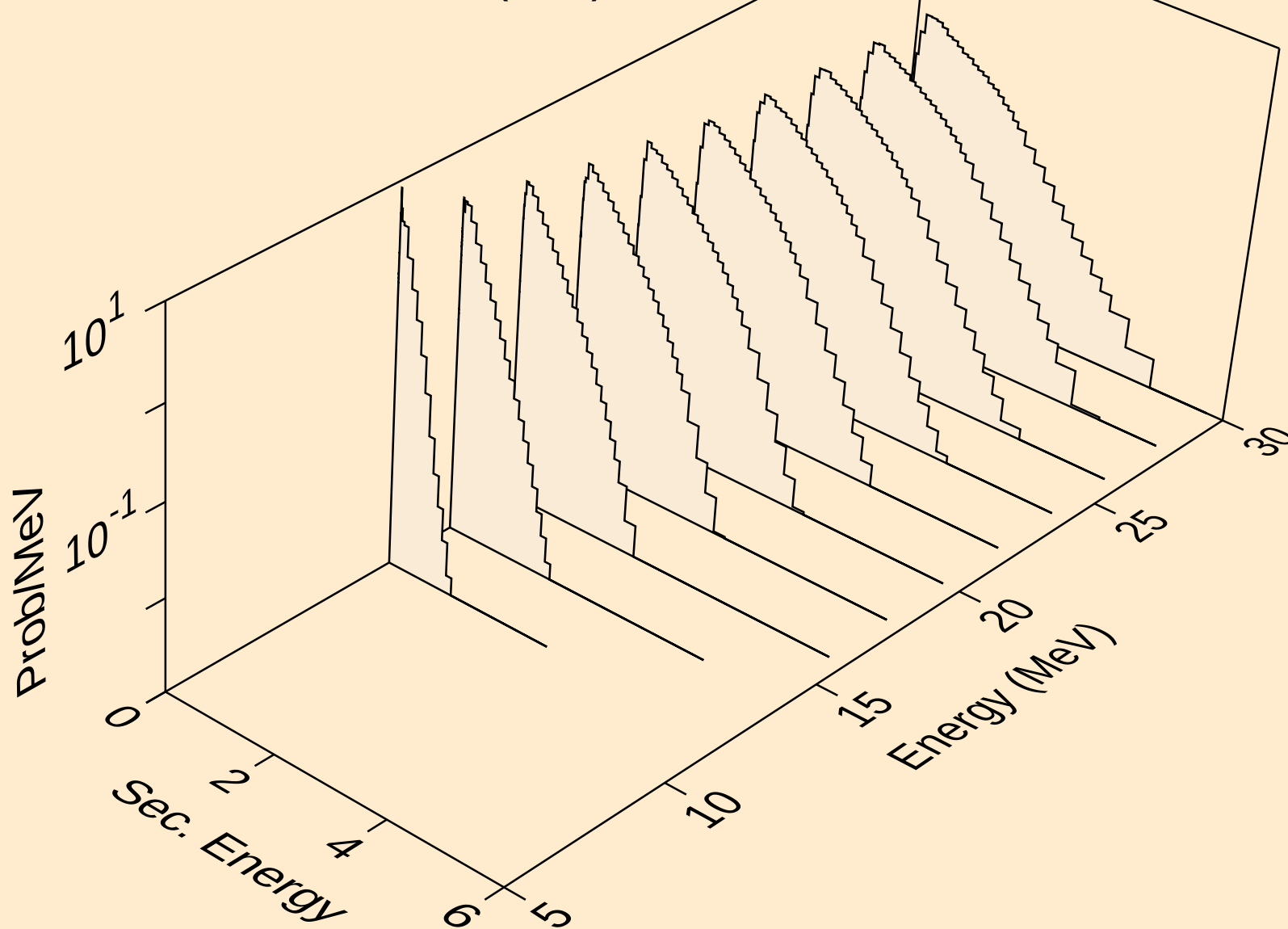
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



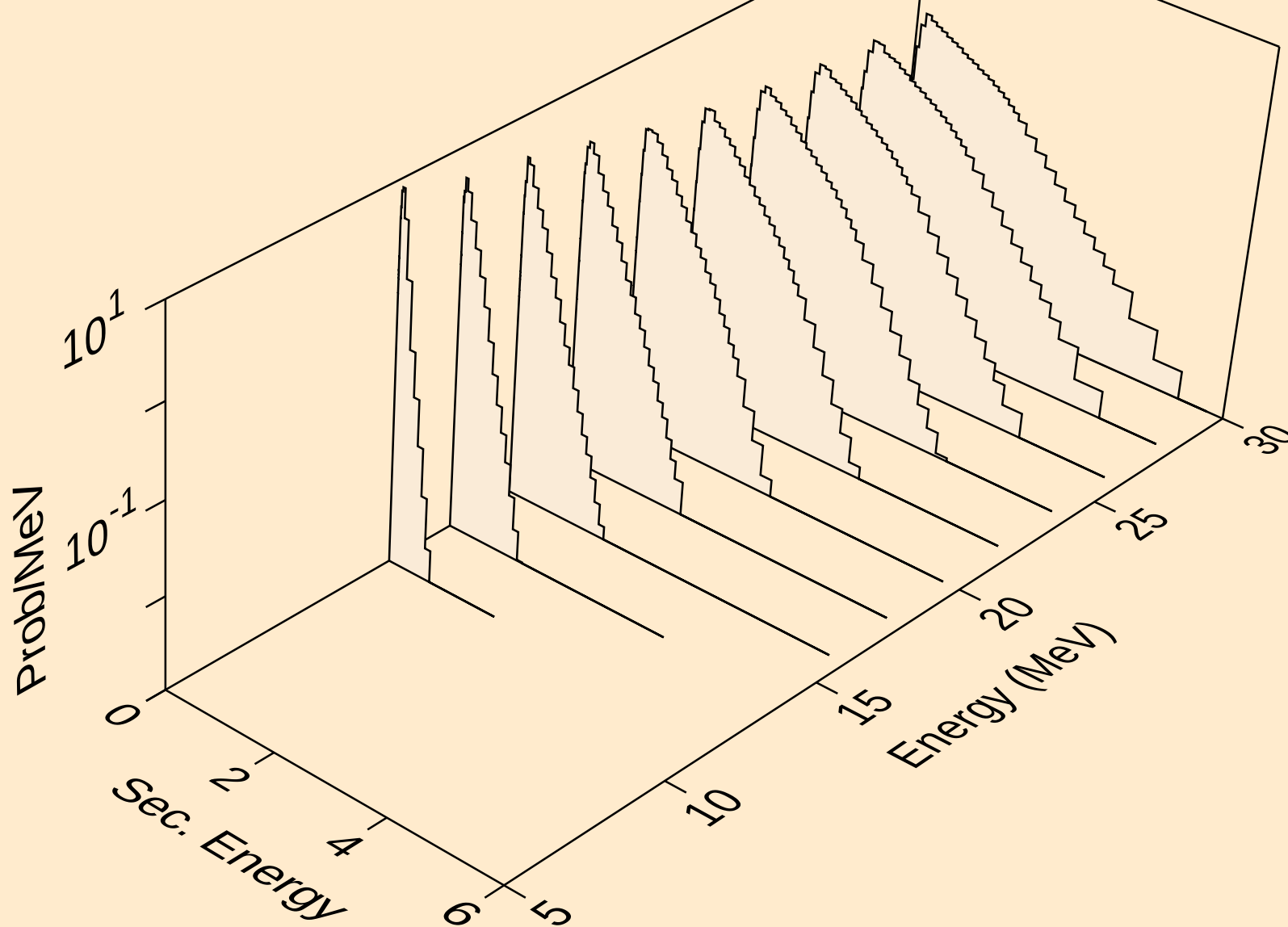
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



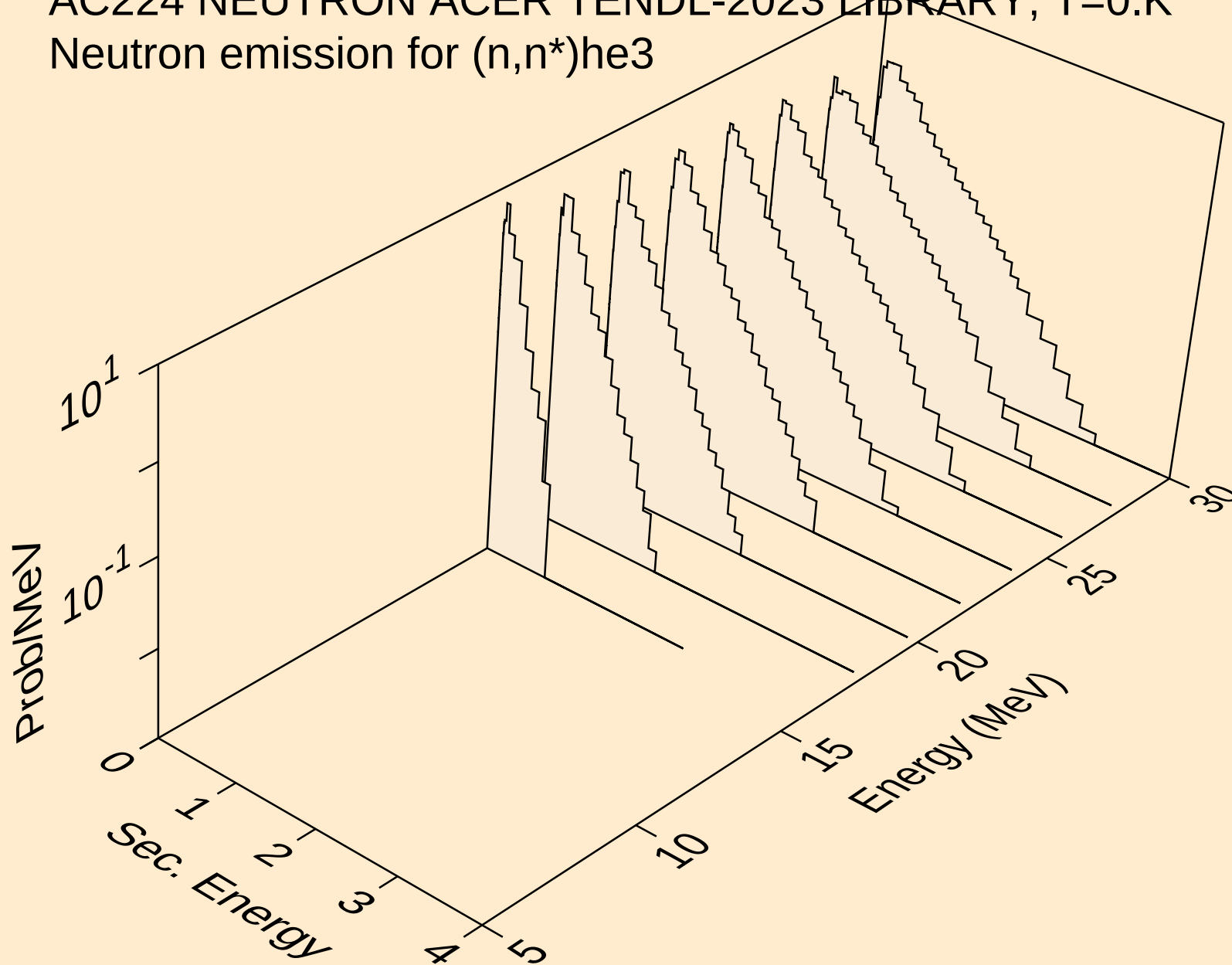
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



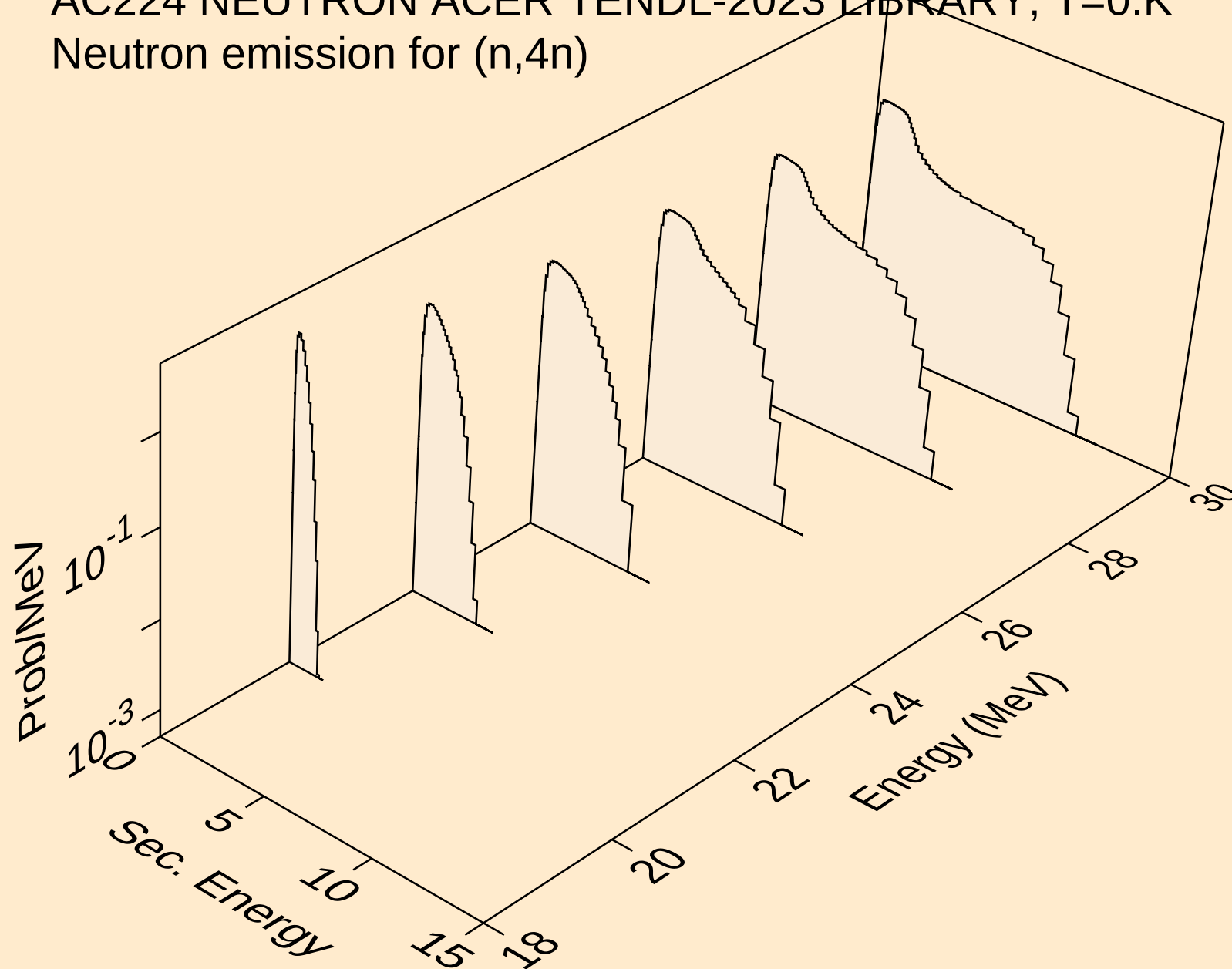
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



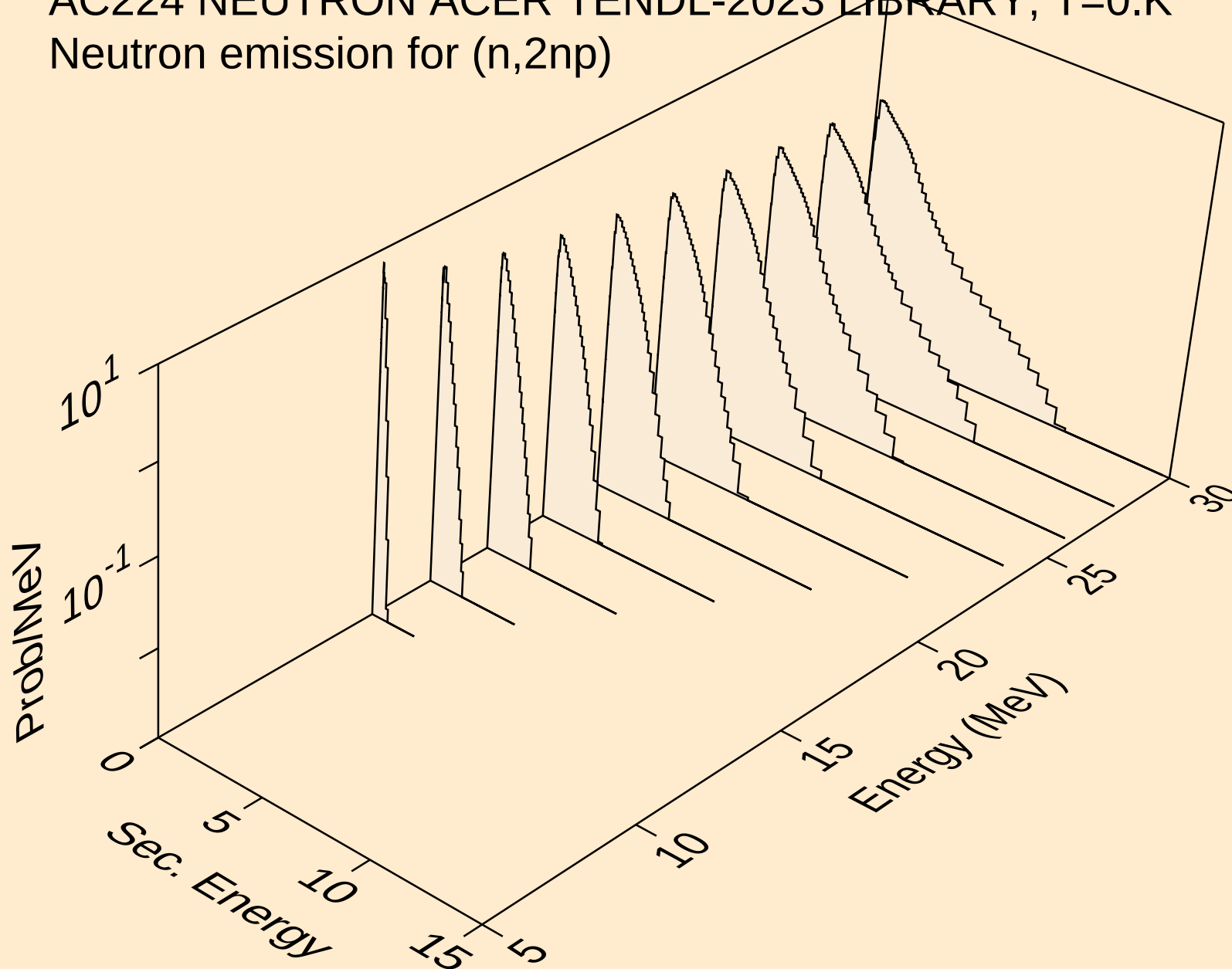
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



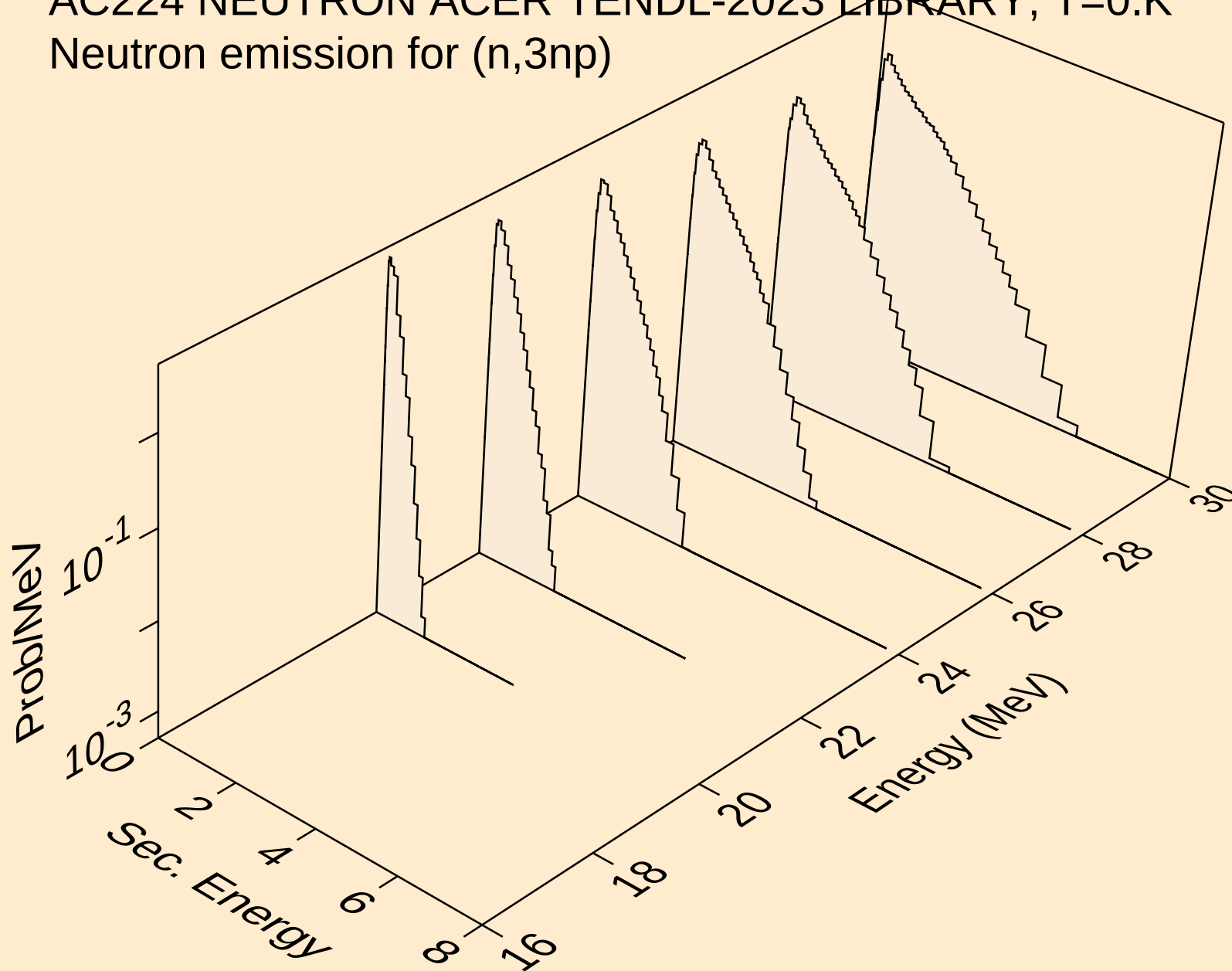
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



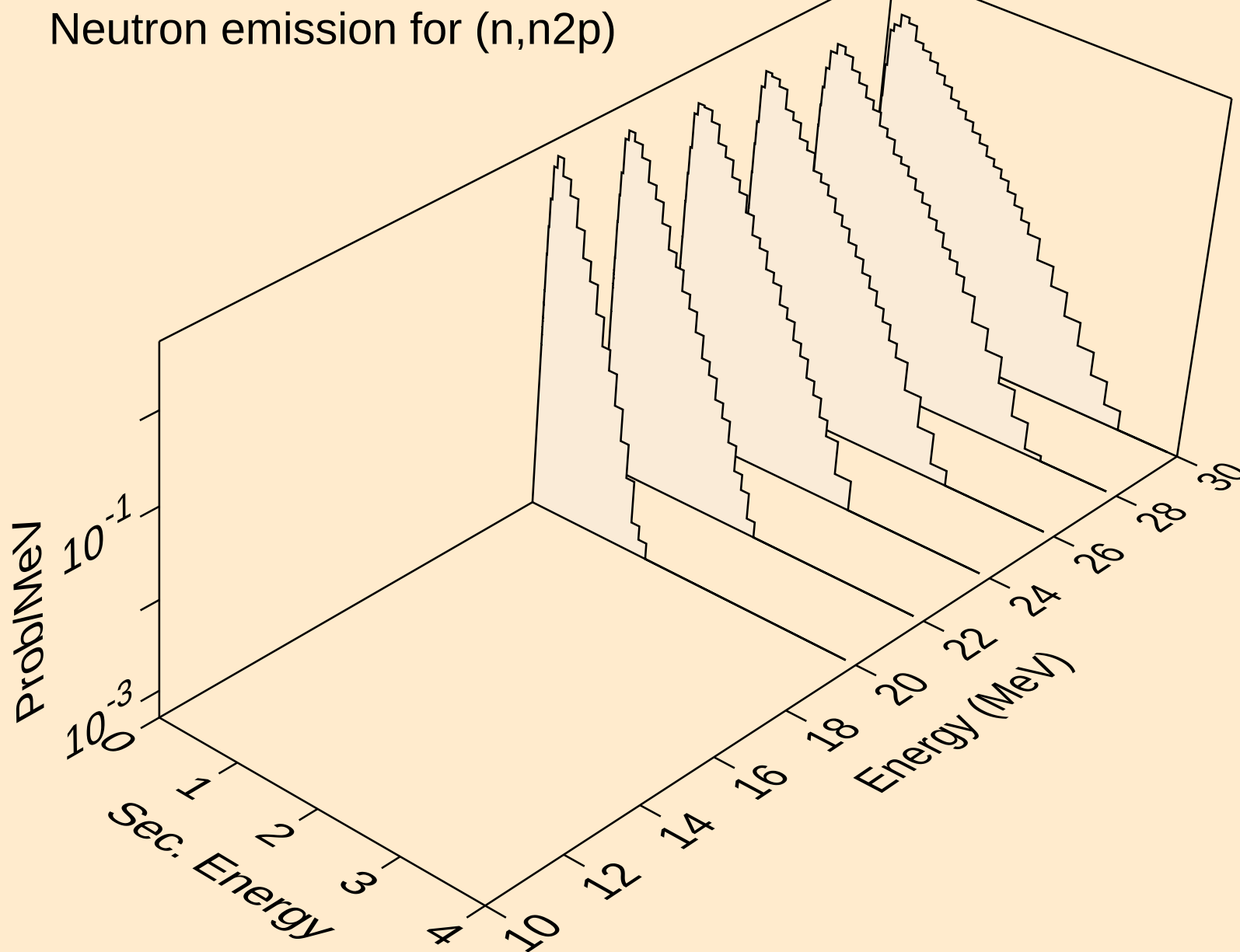
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



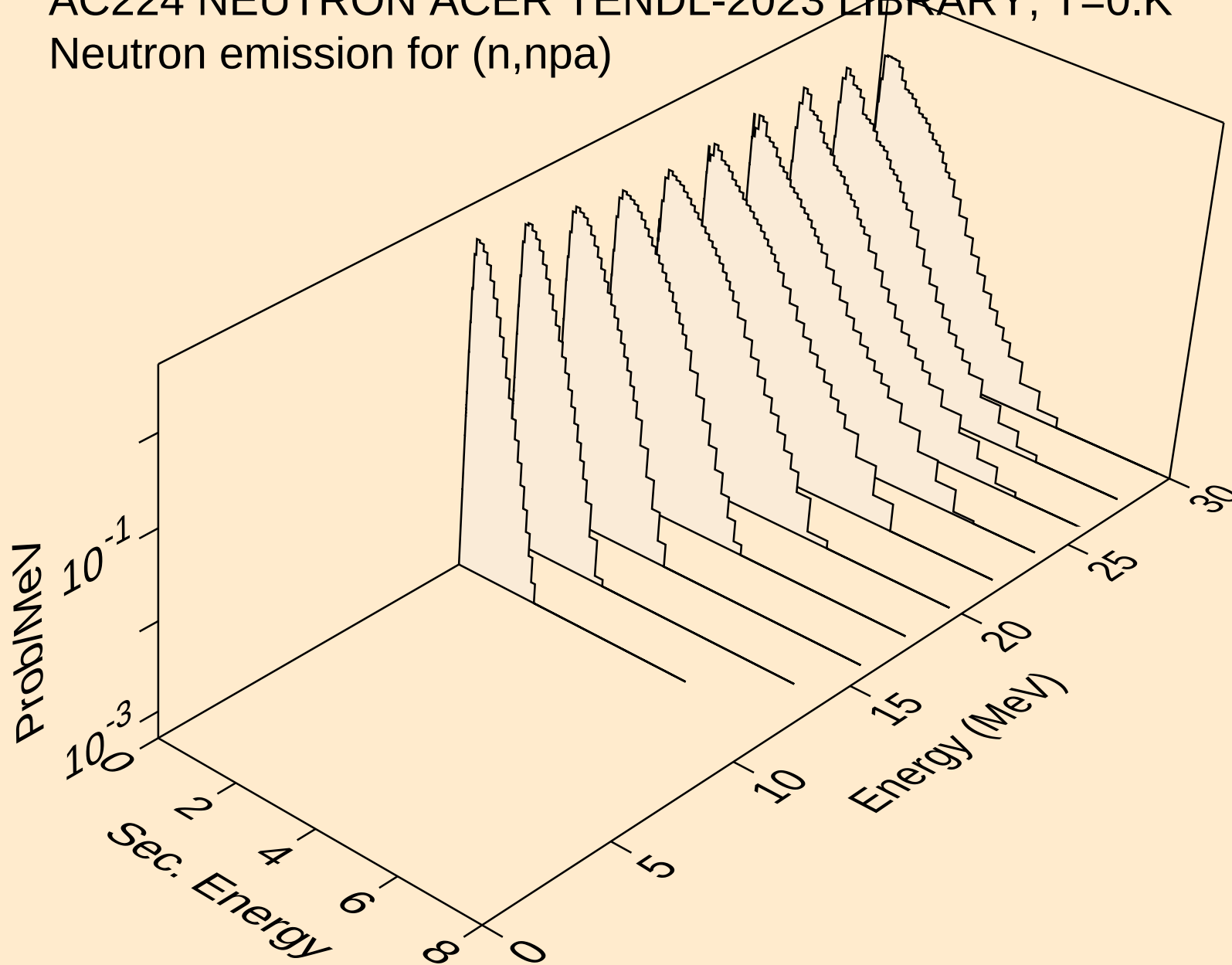
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



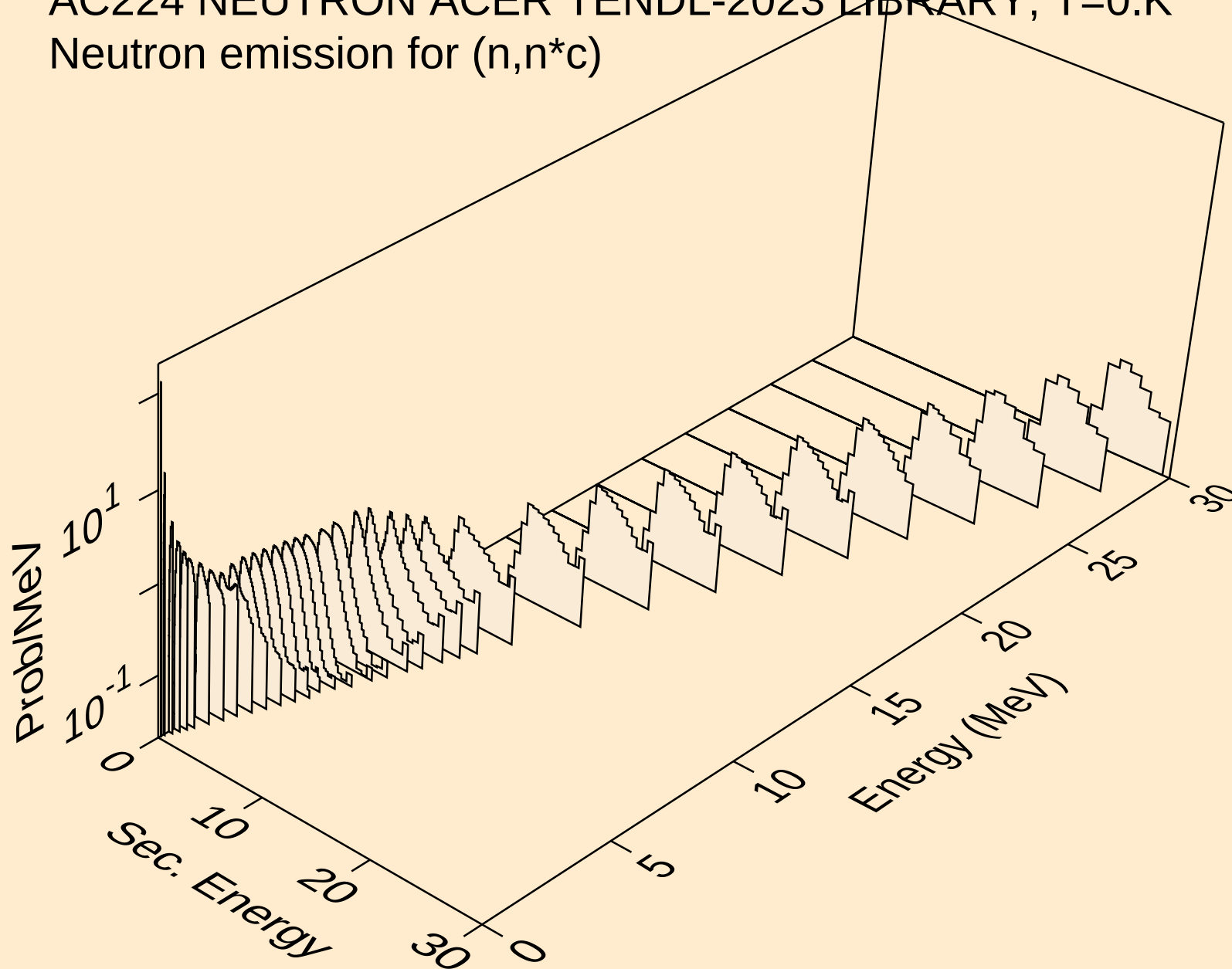
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

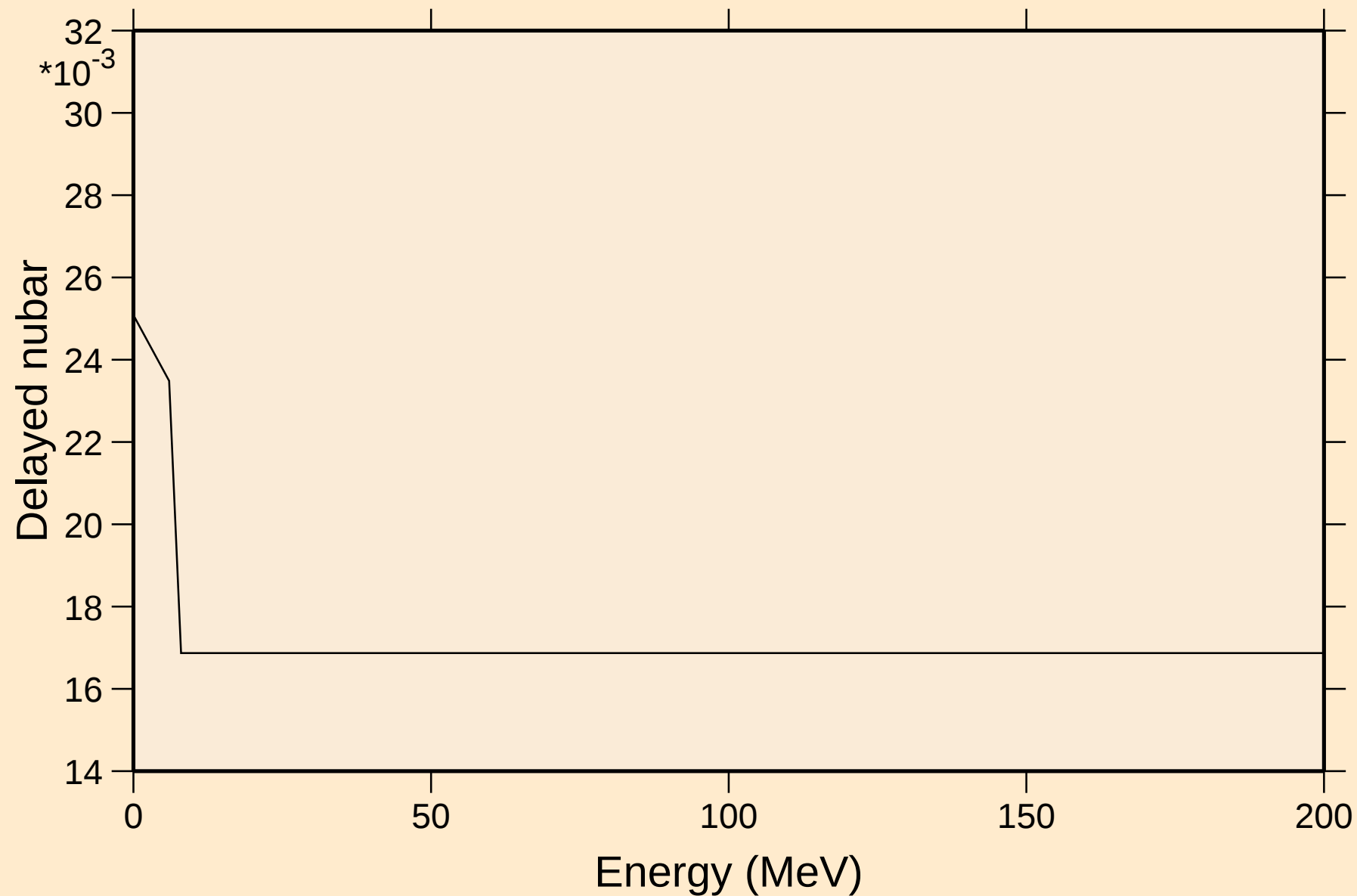


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



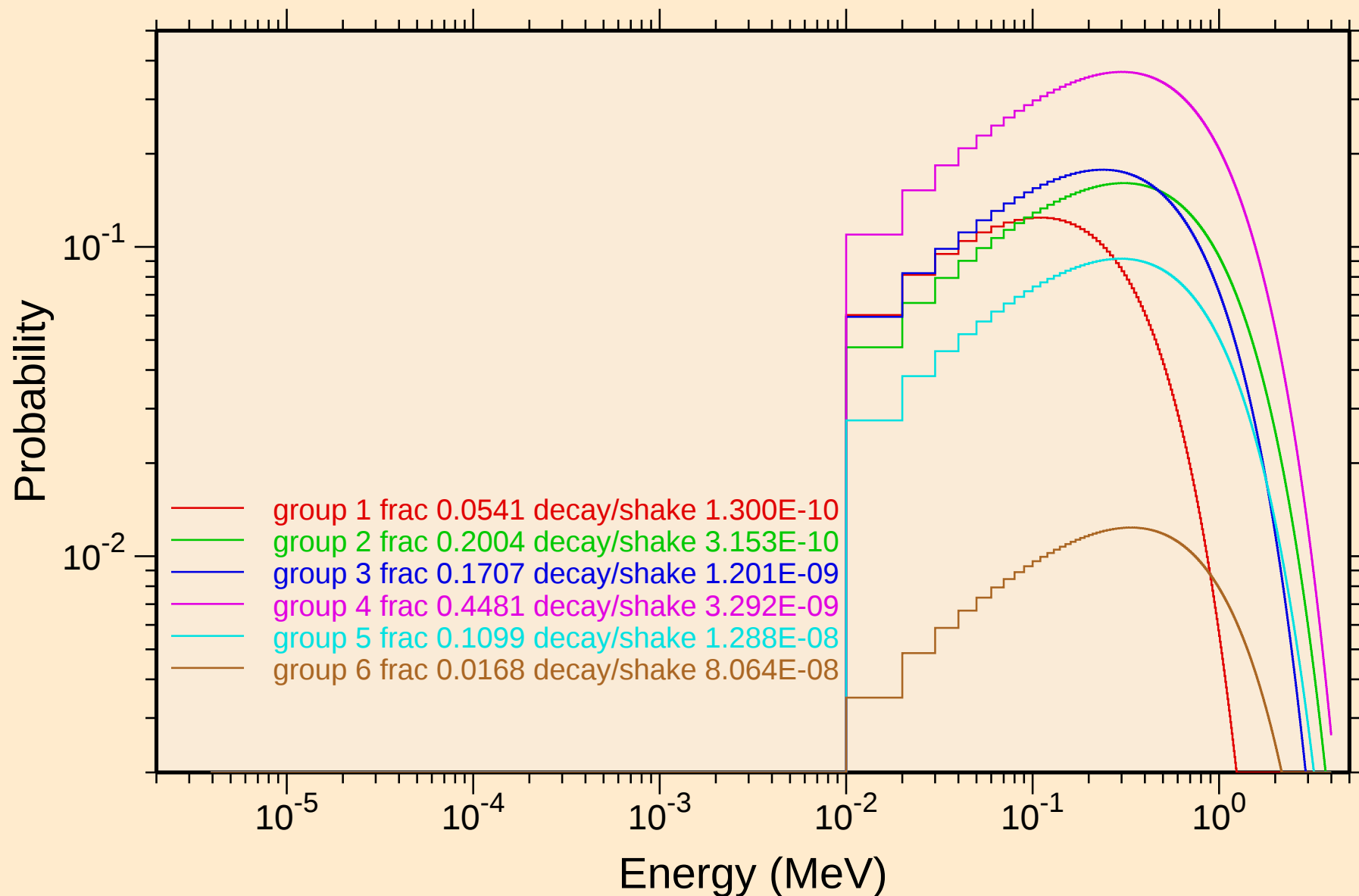
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

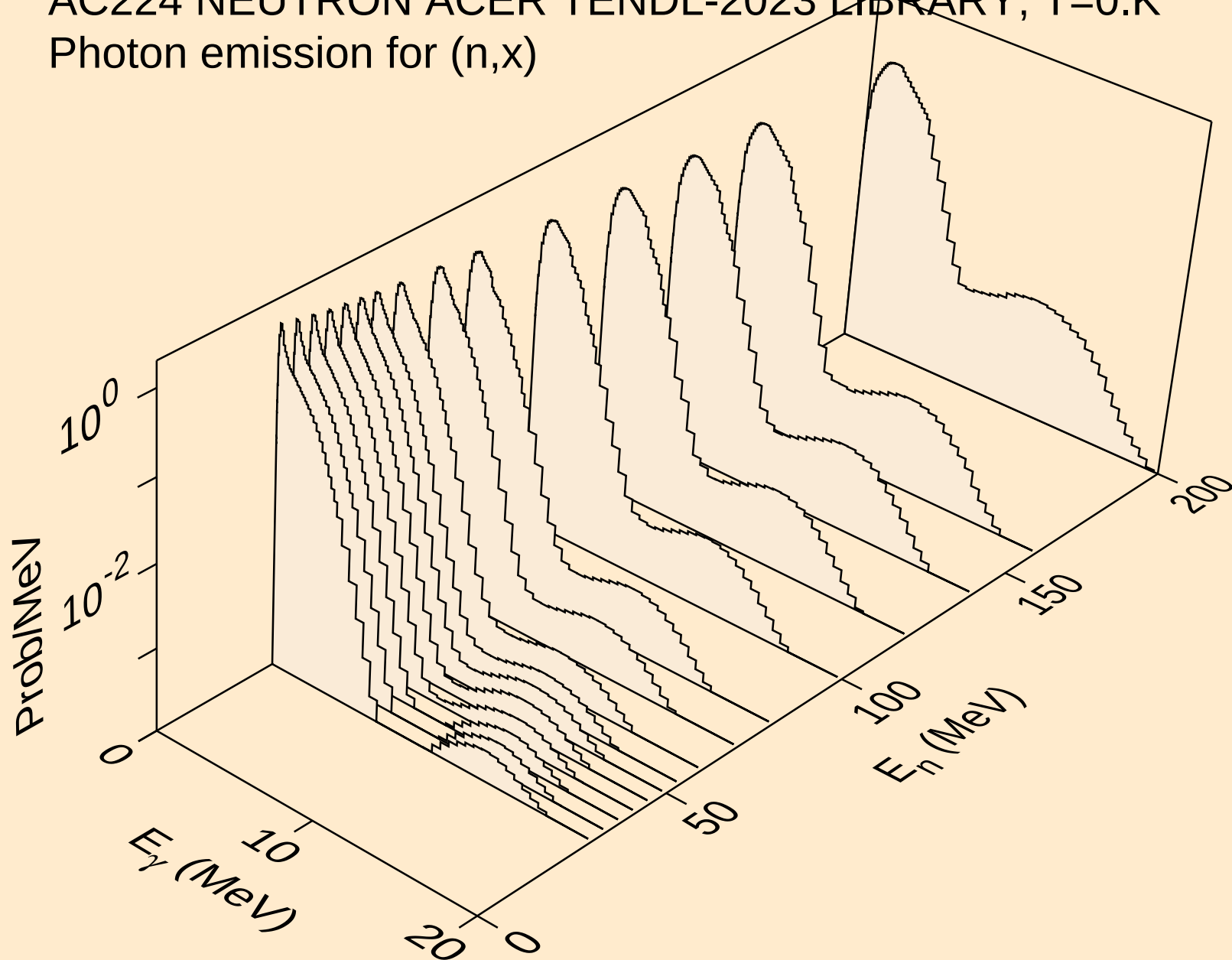


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

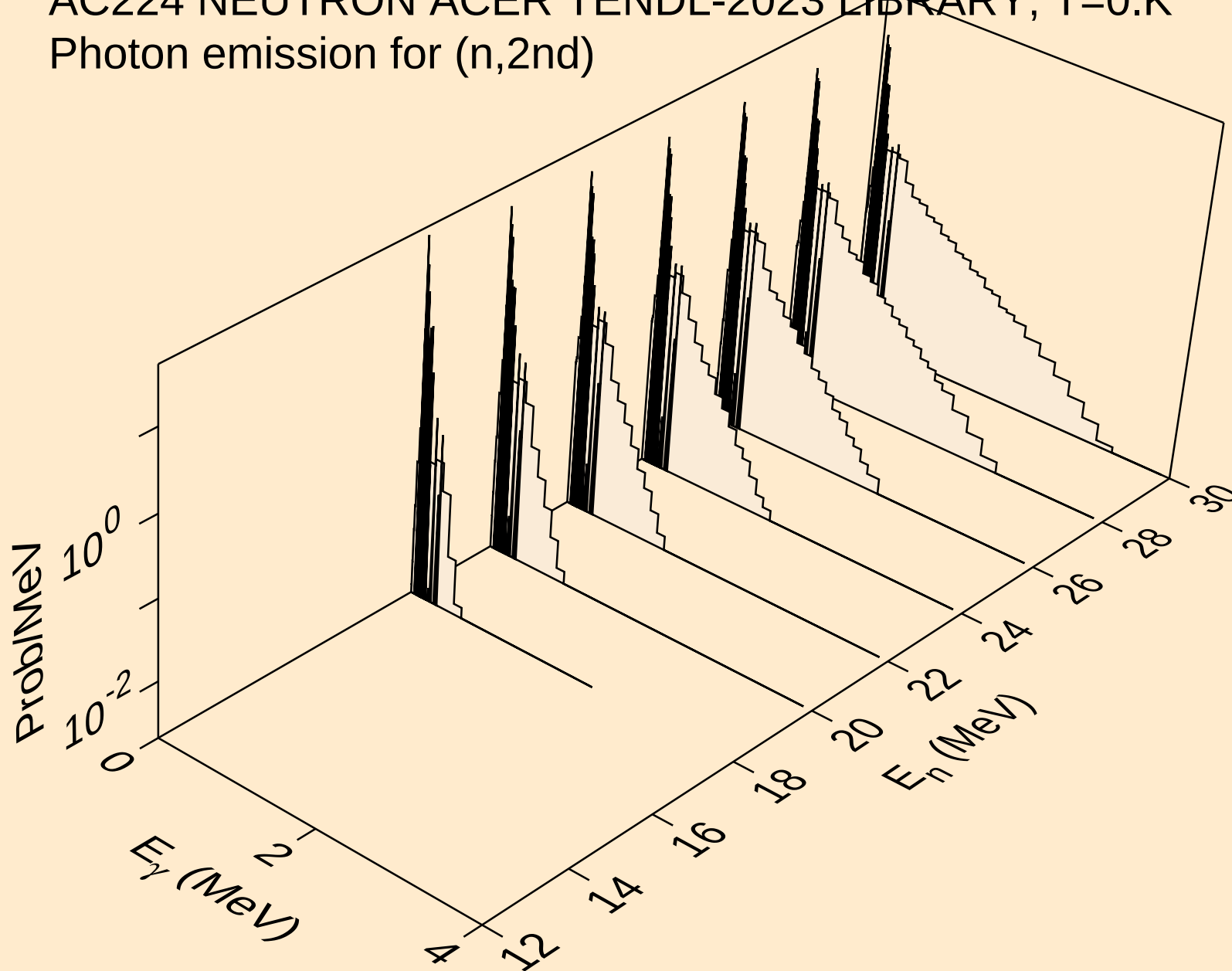
Delayed neutron spectra



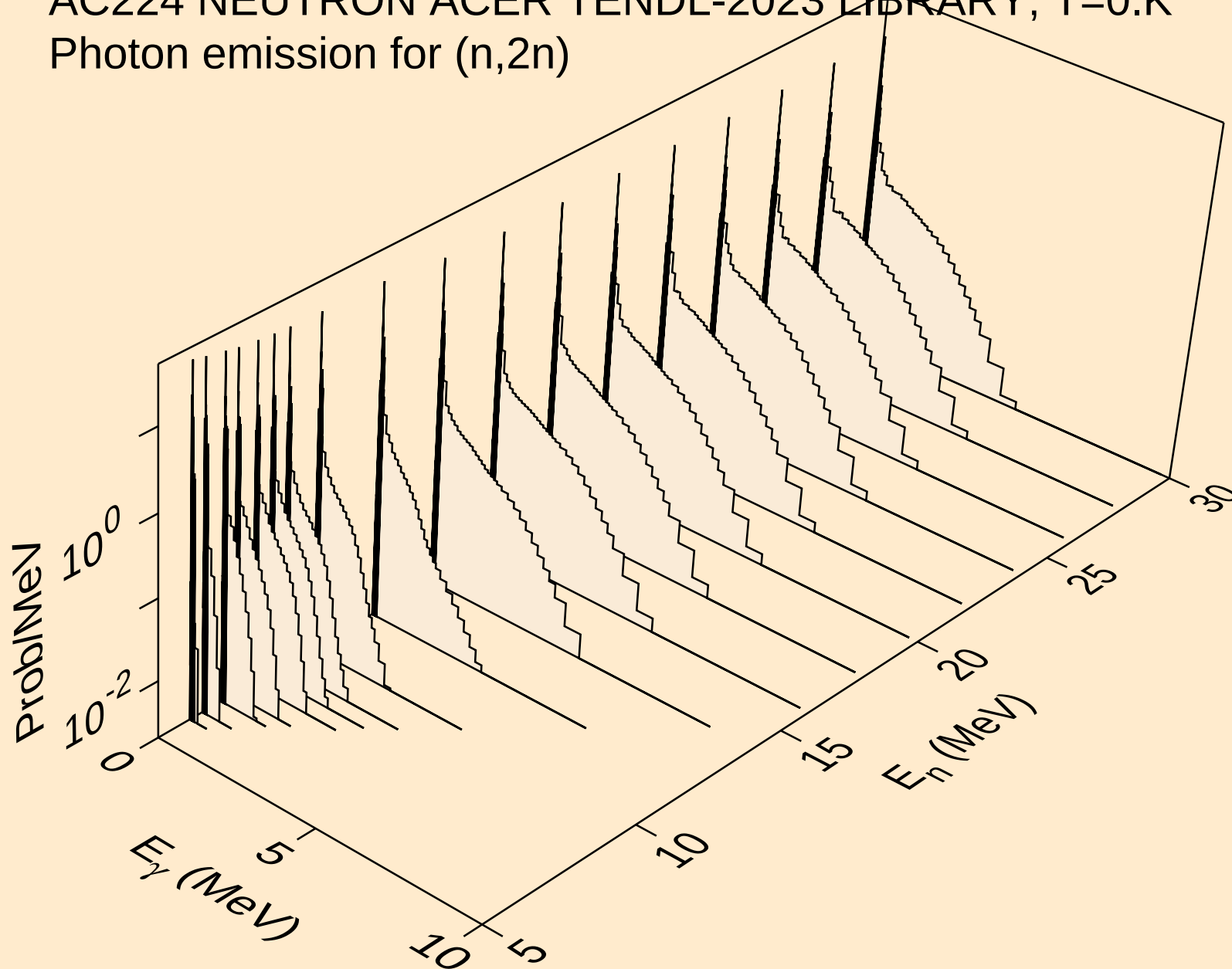
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



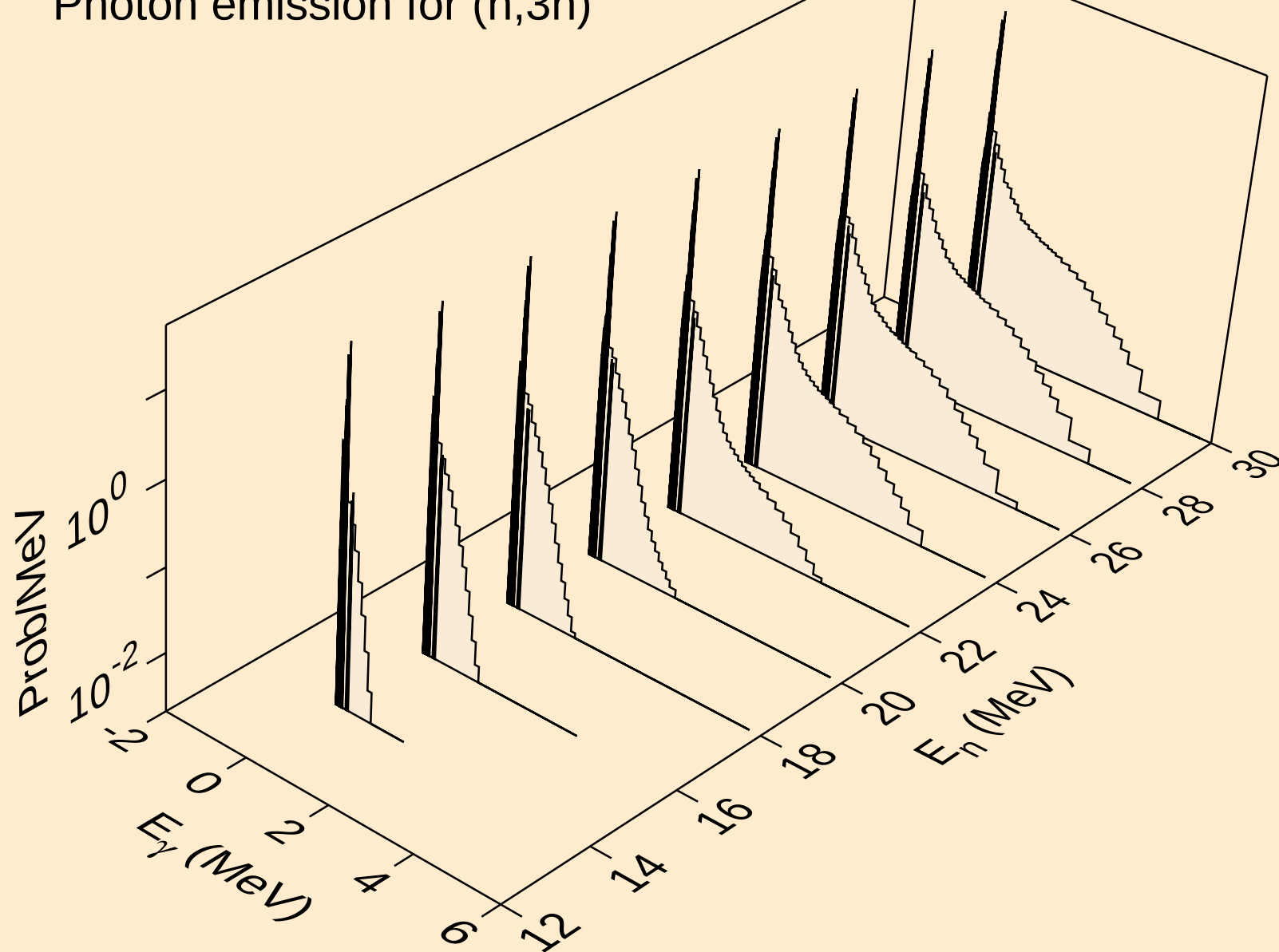
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



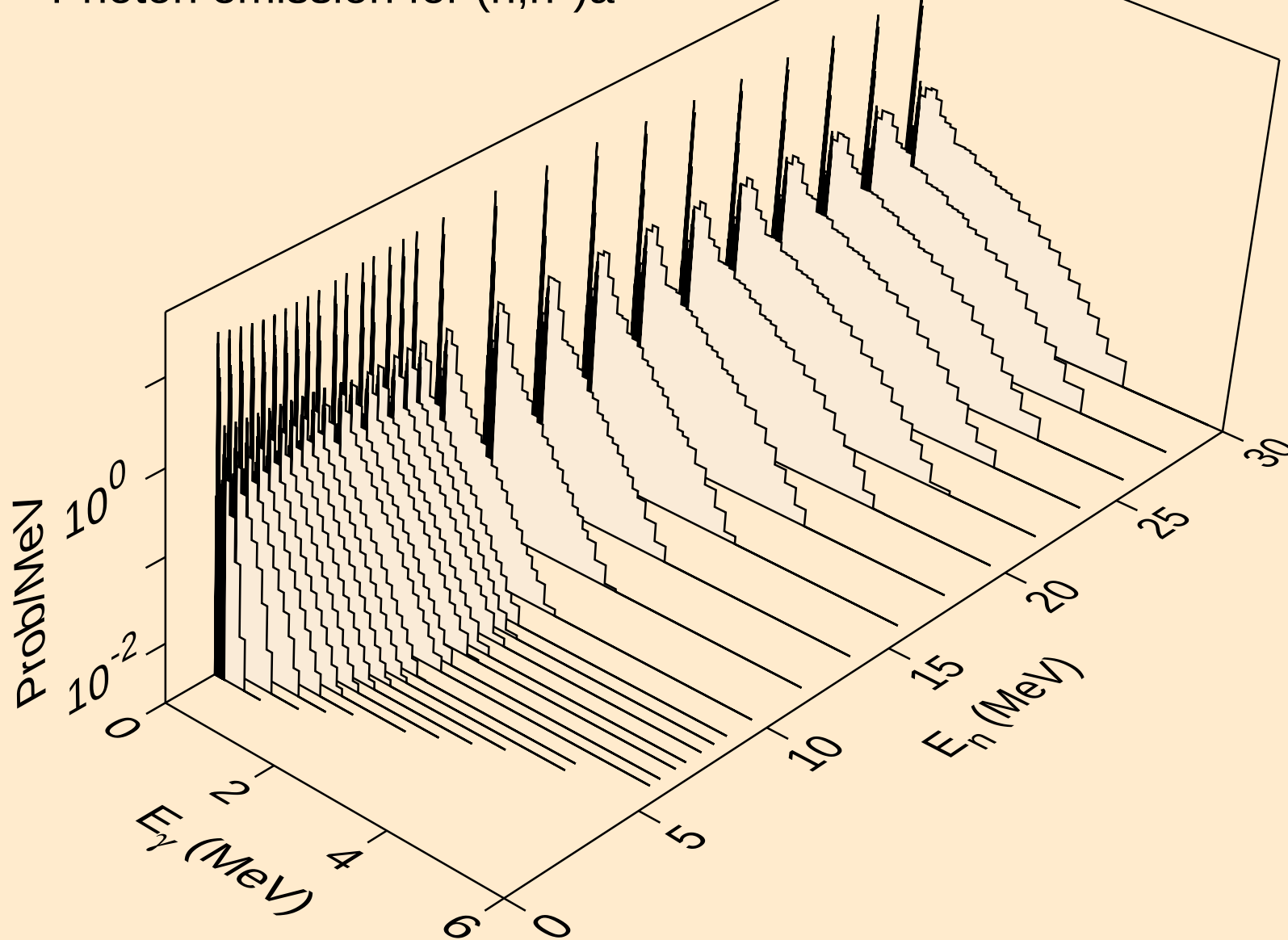
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

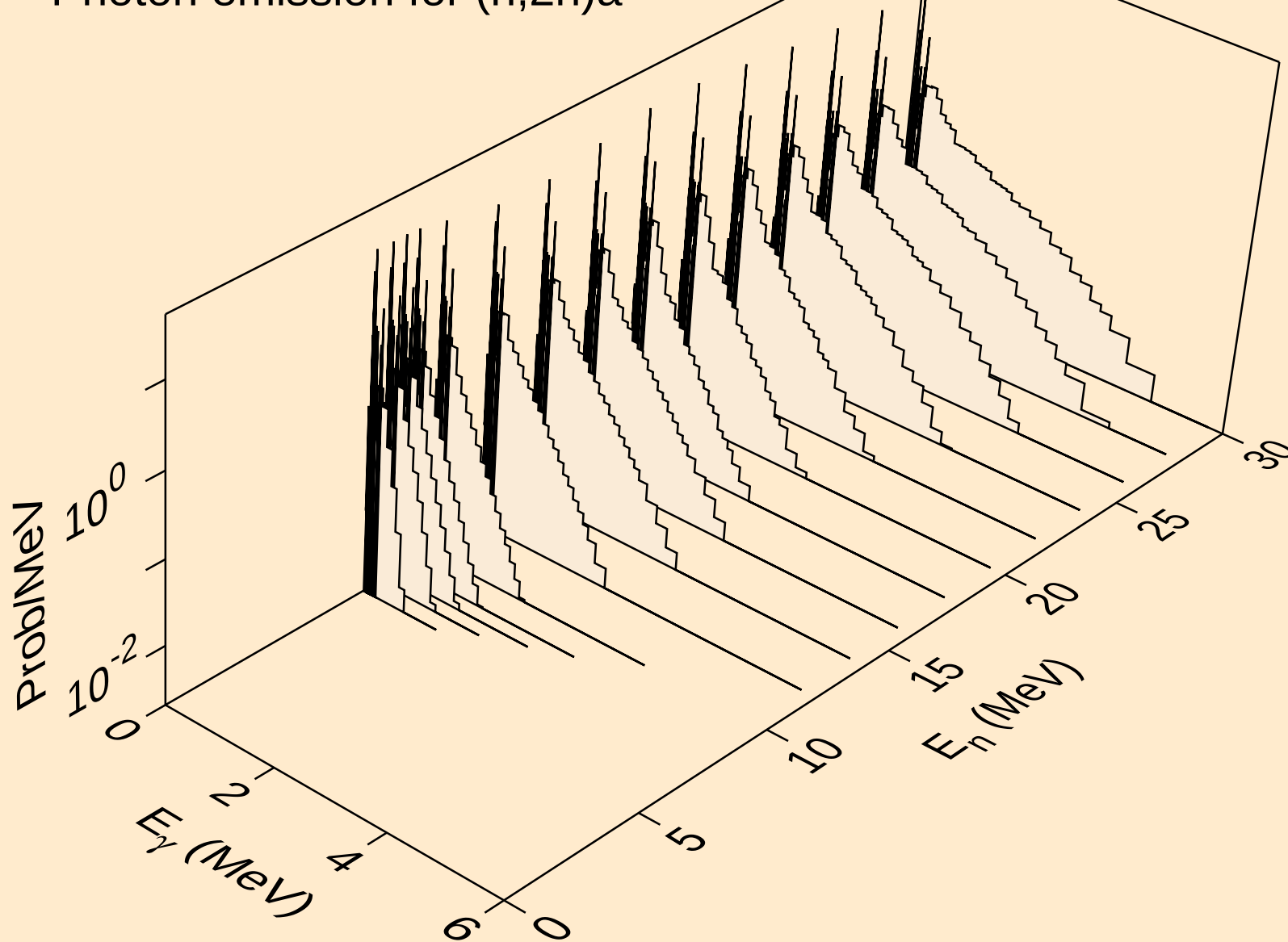


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a

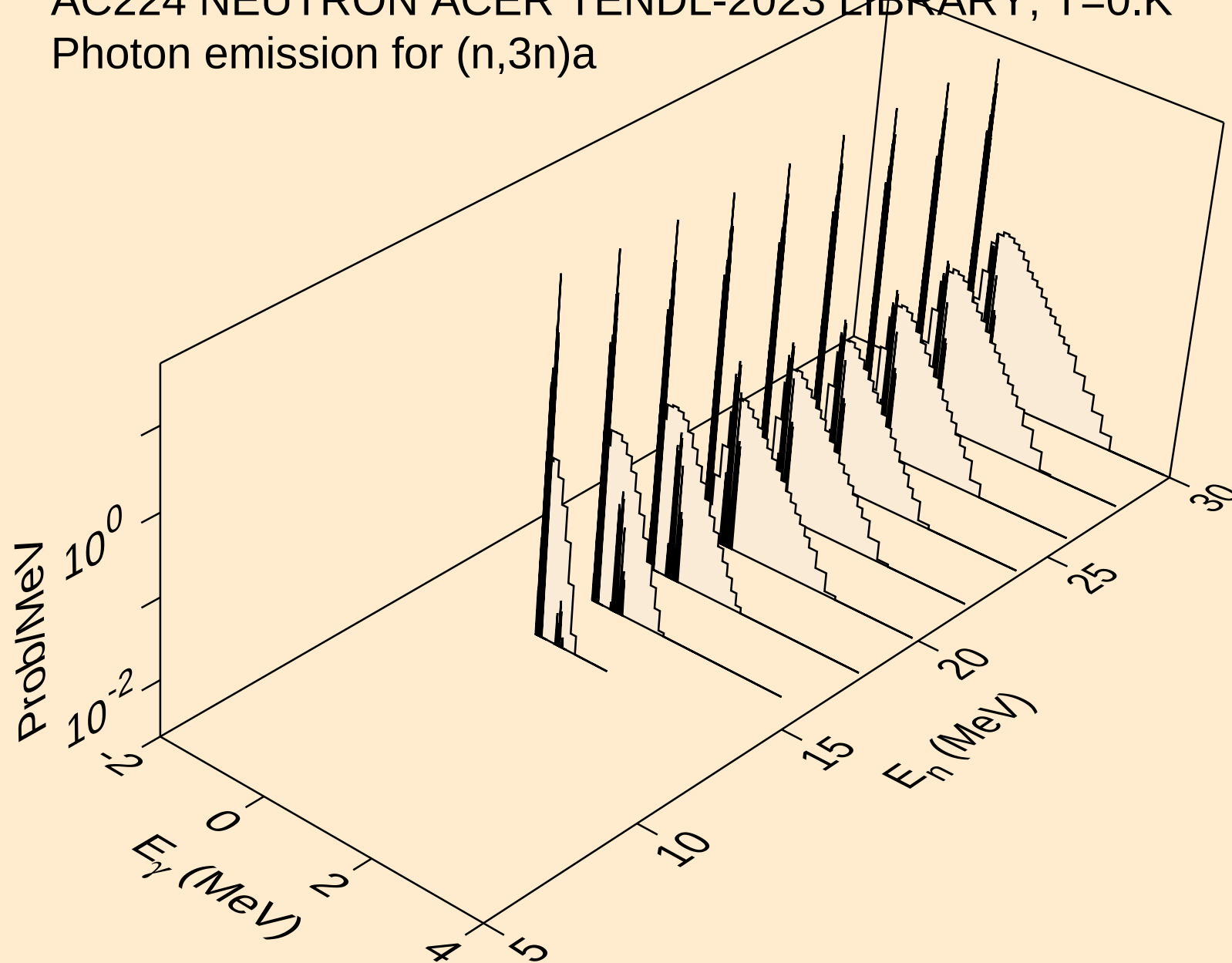


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

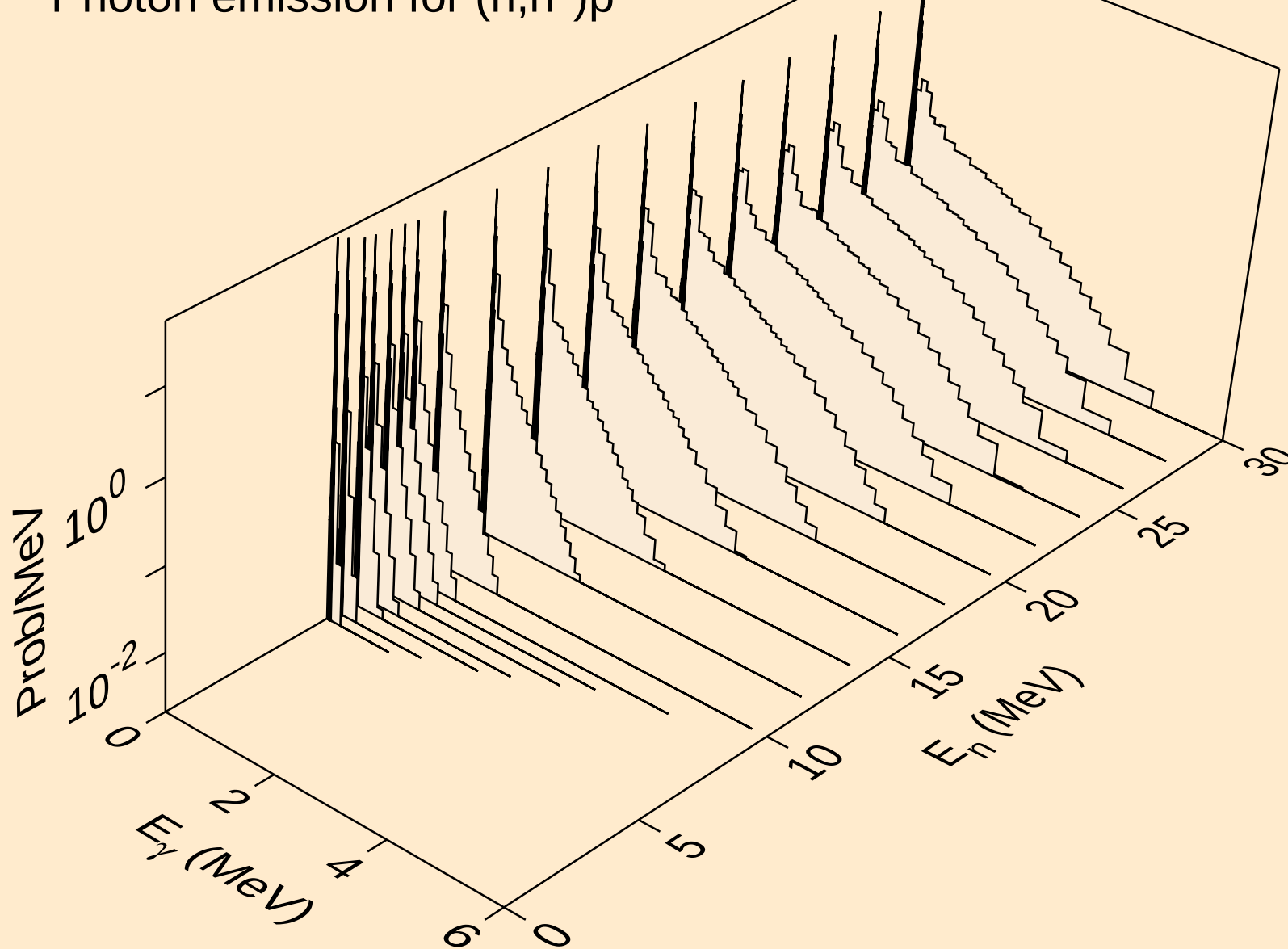


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α

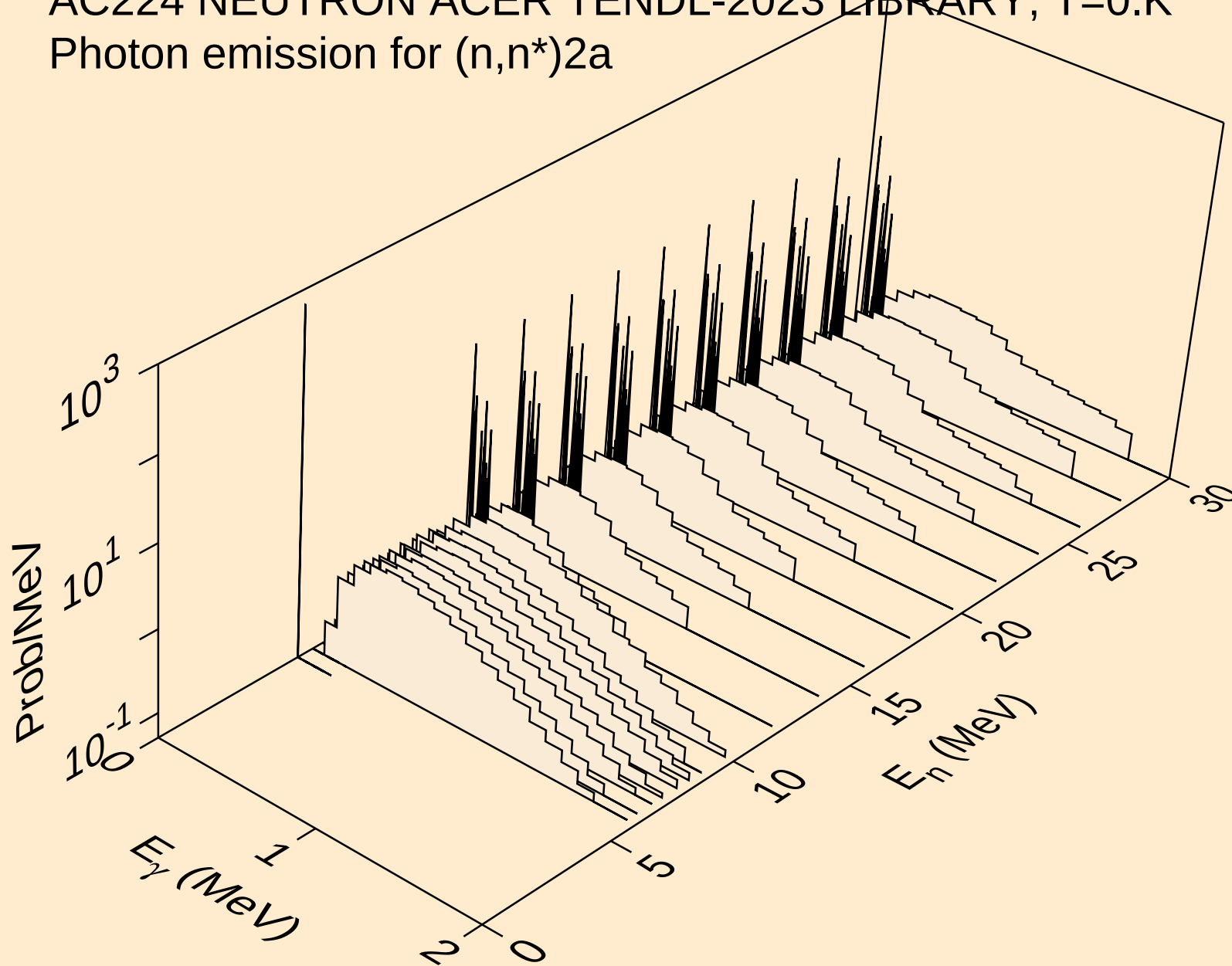


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

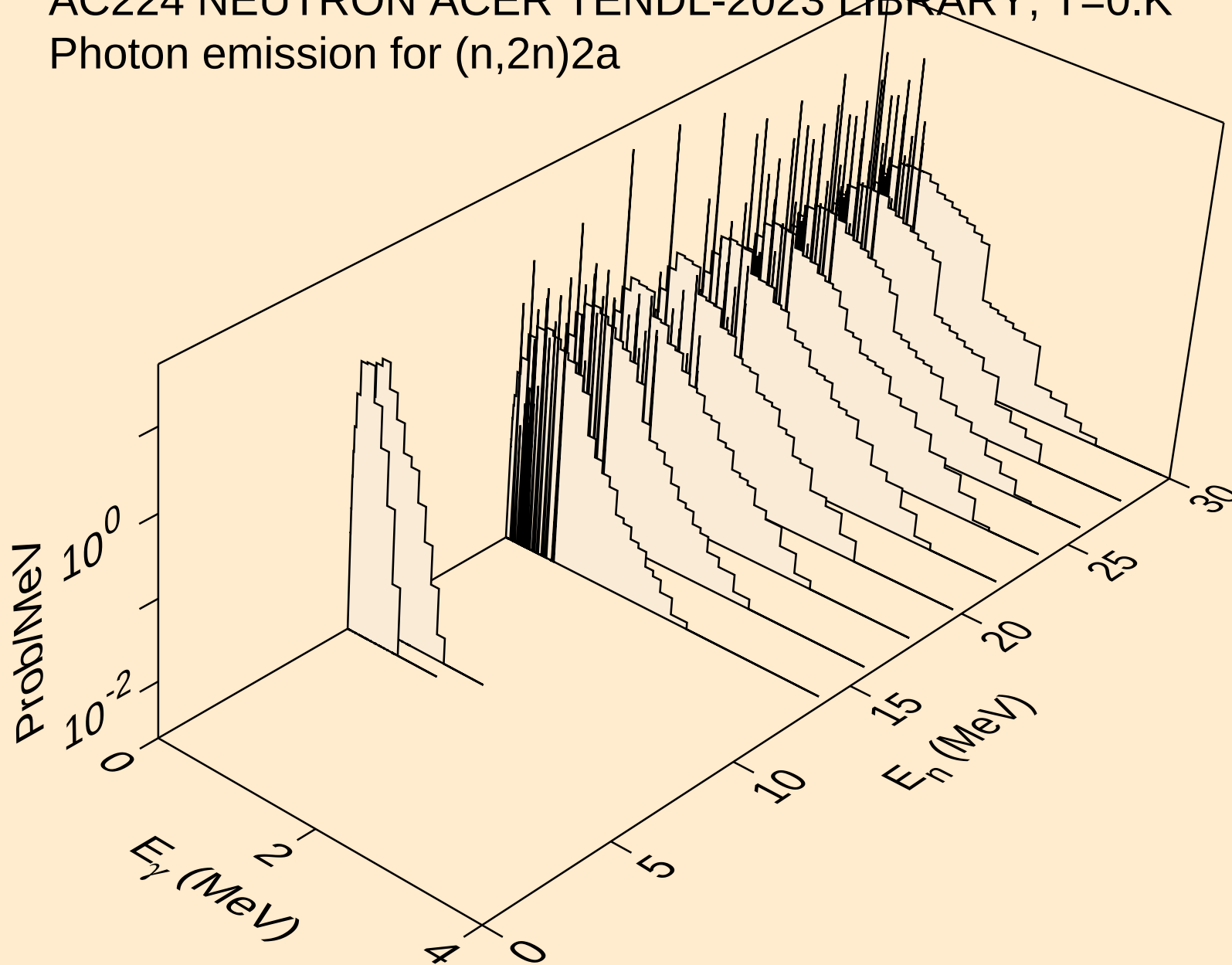
Photon emission for (n,n*)p



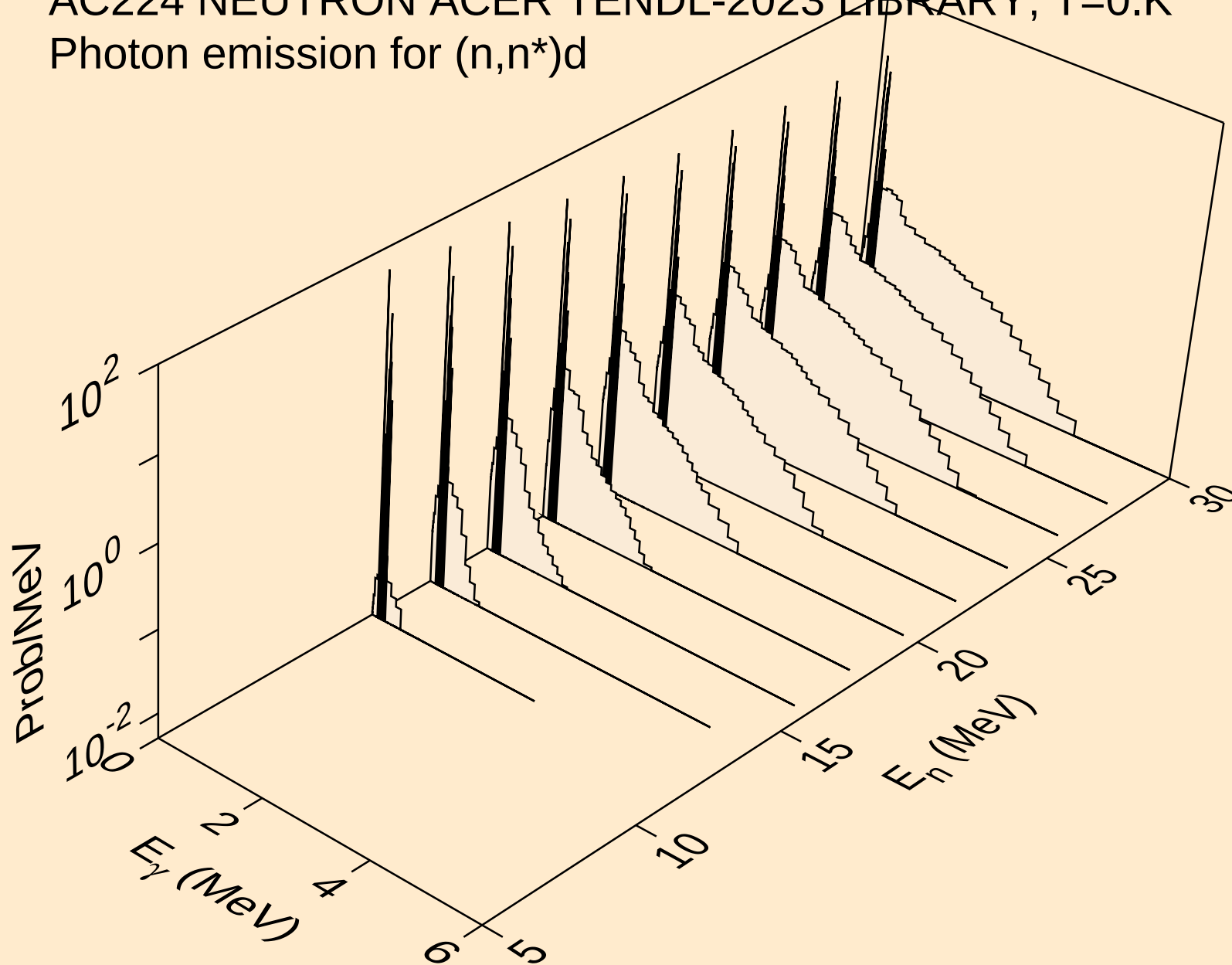
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



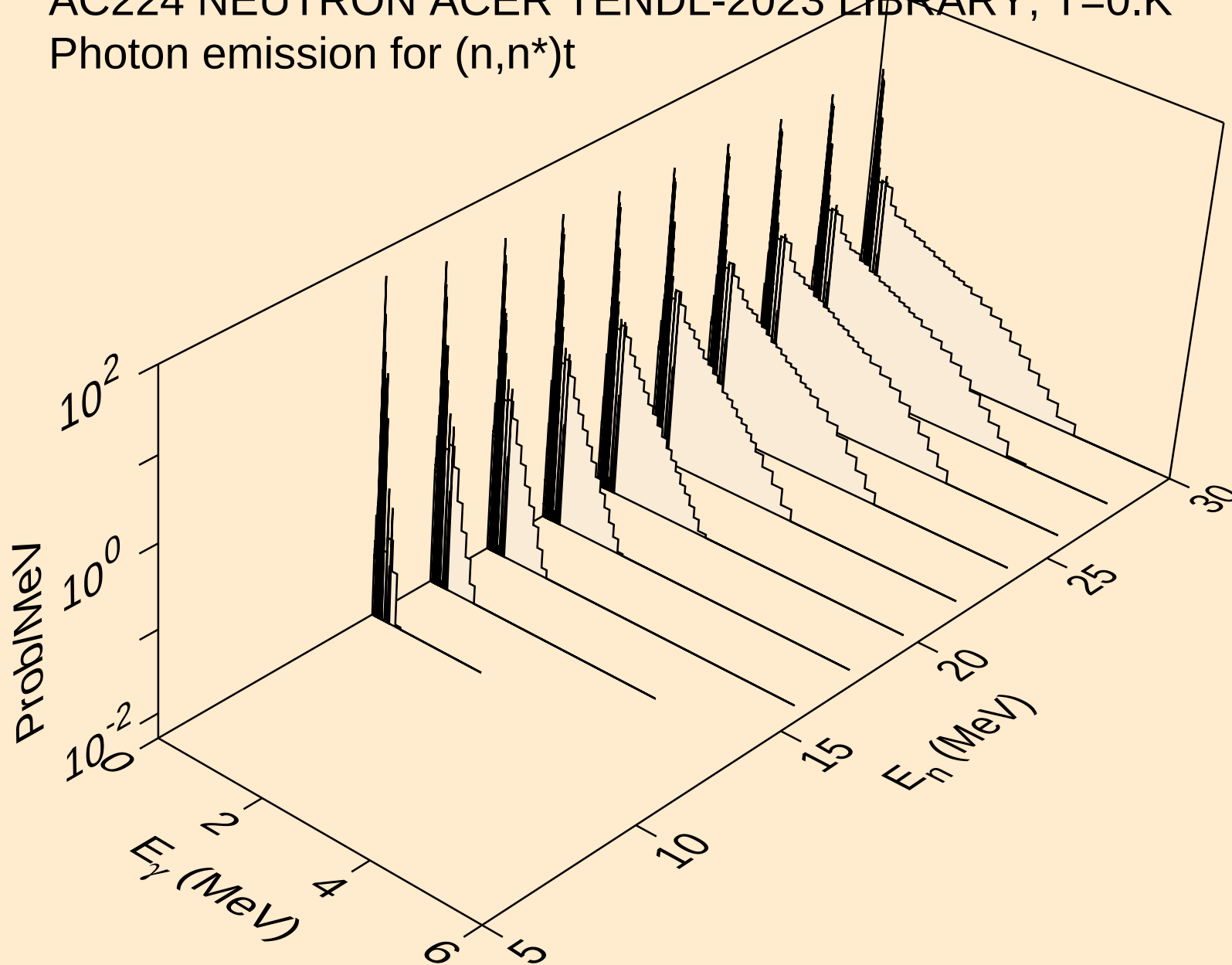
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



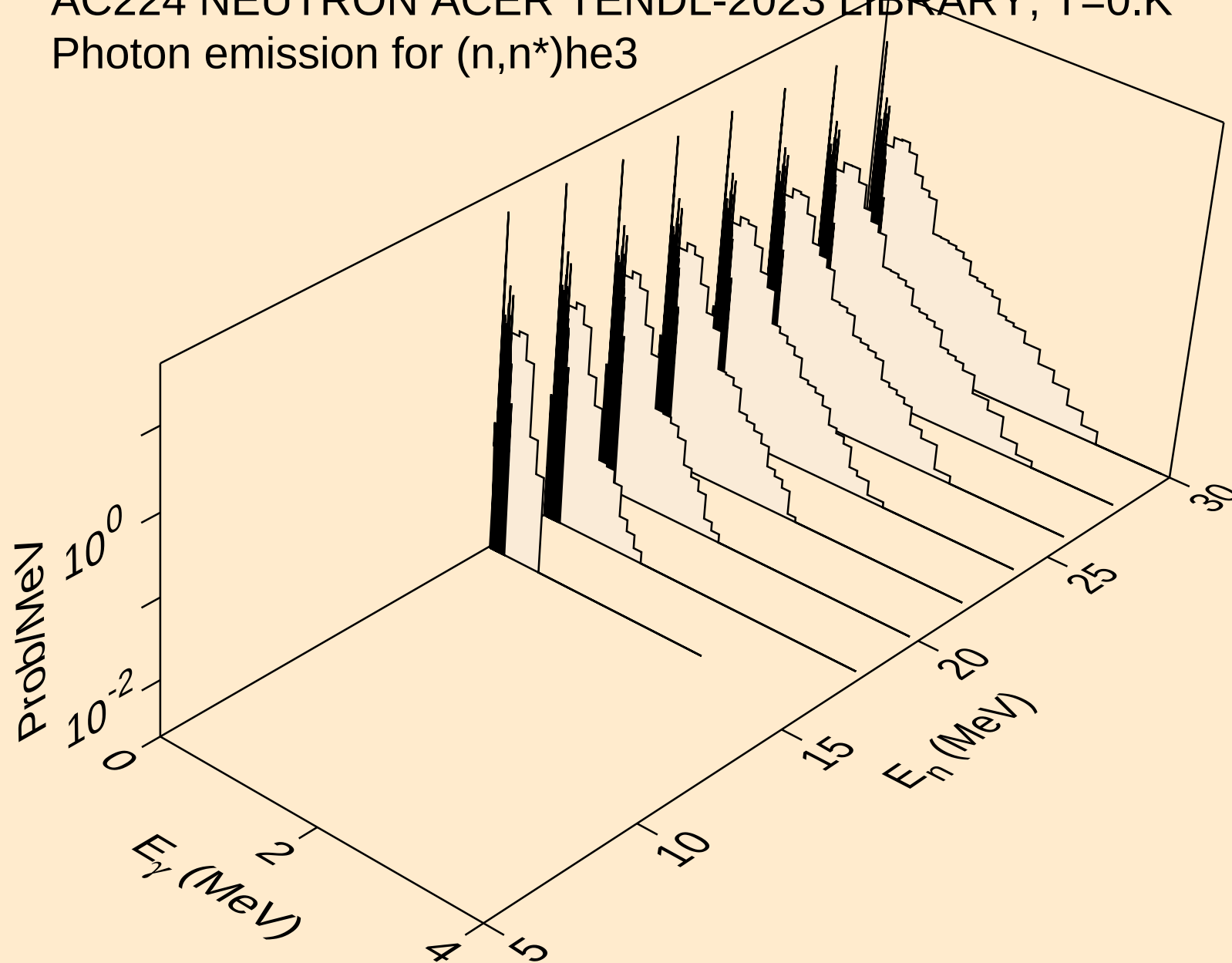
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



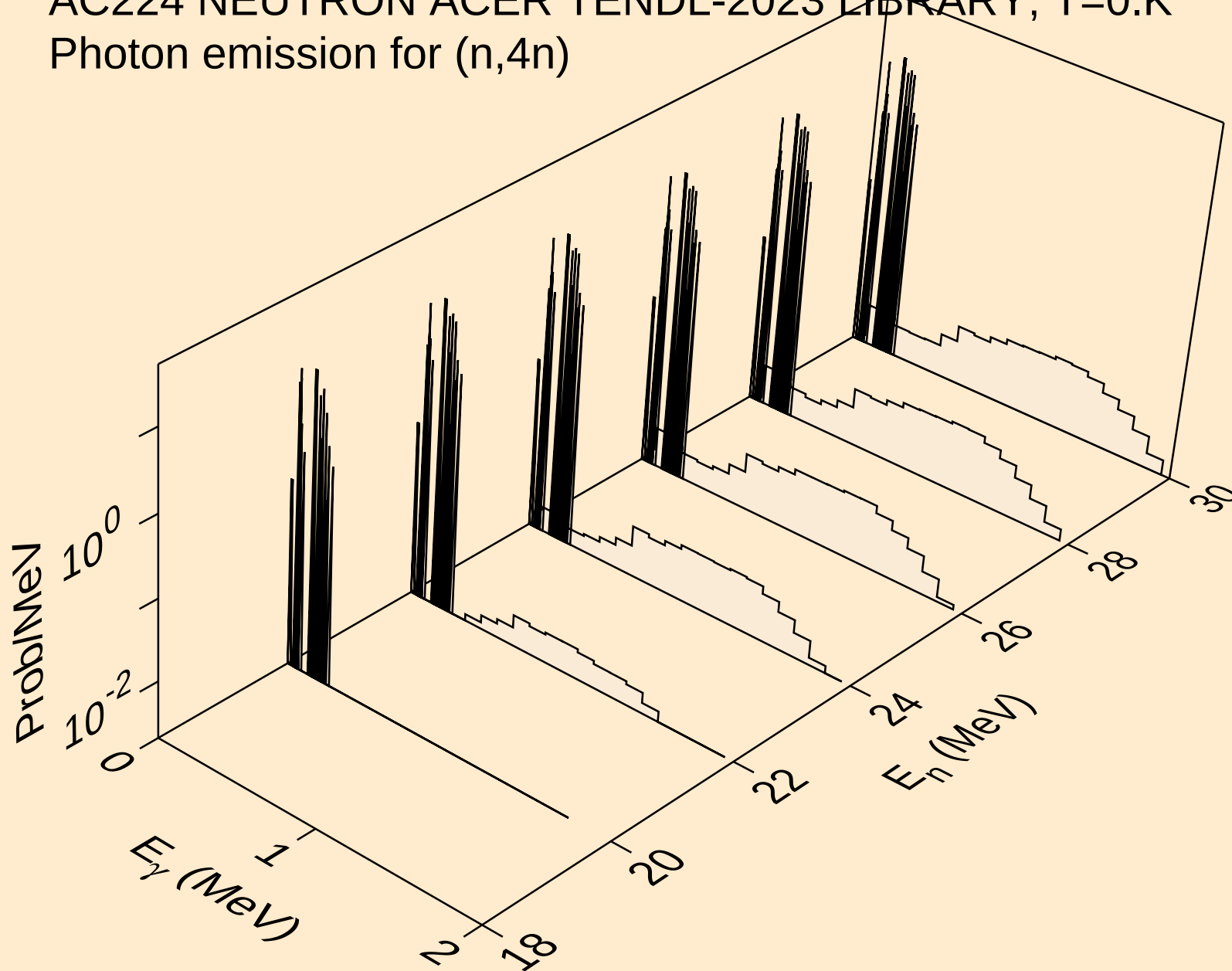
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



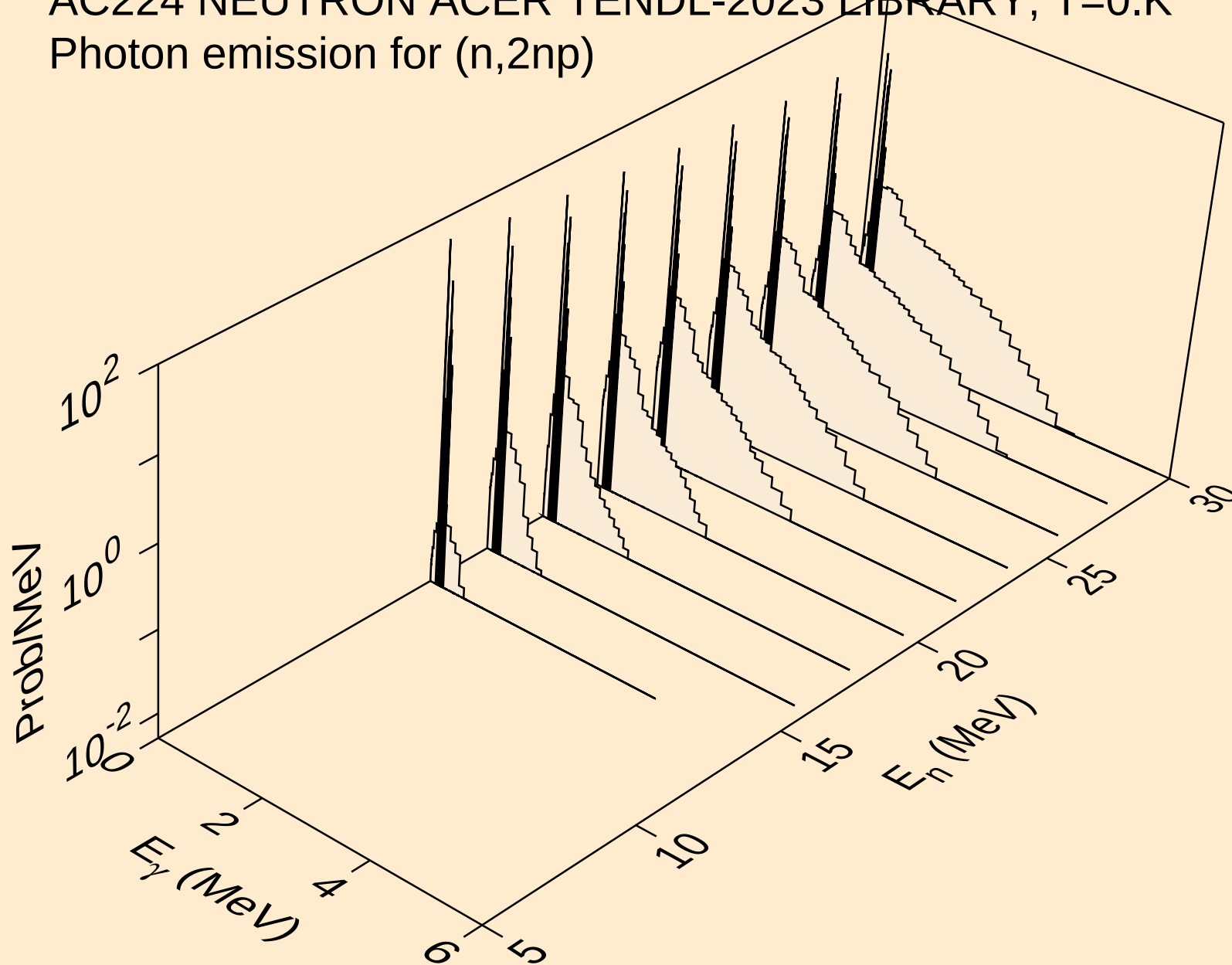
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



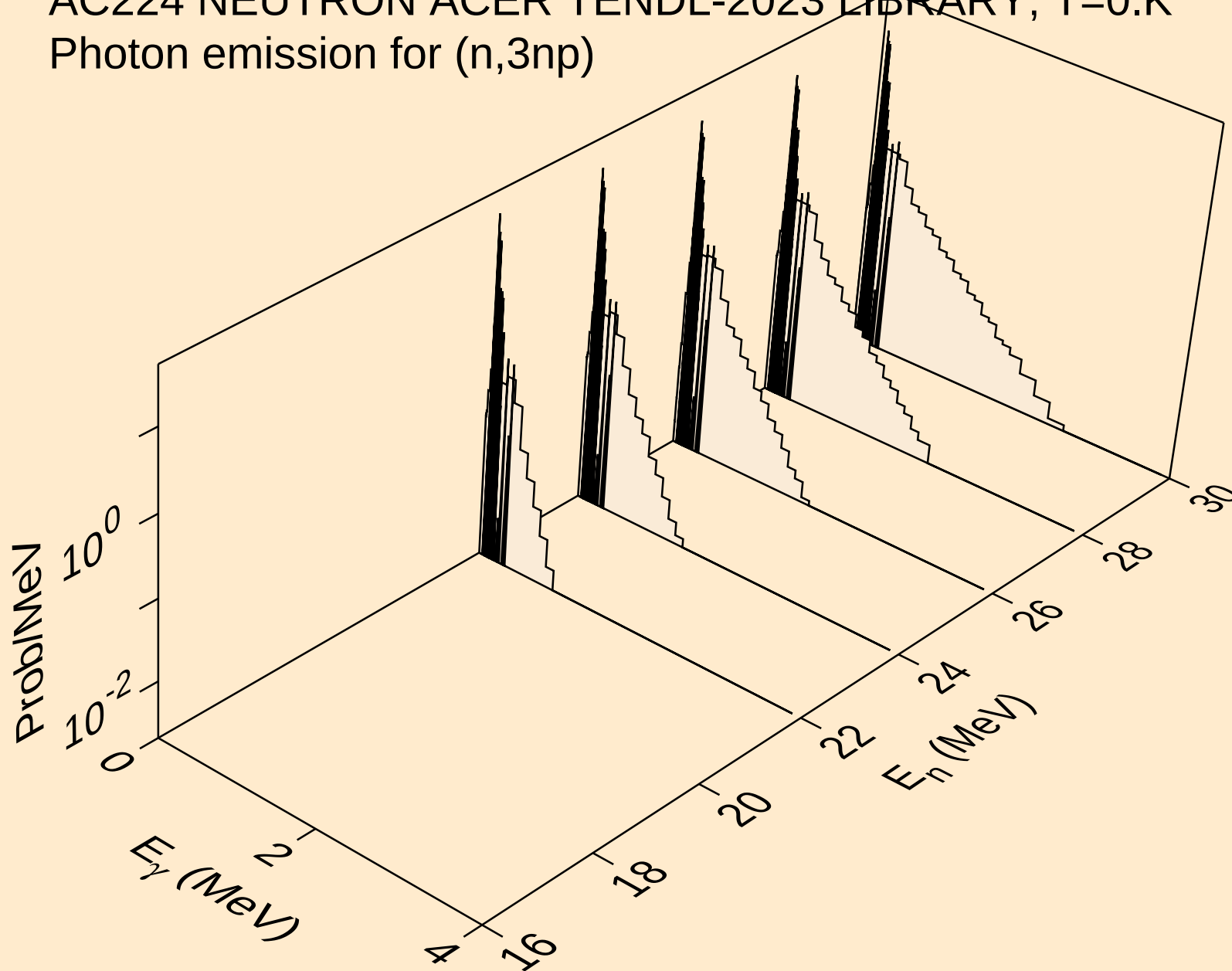
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



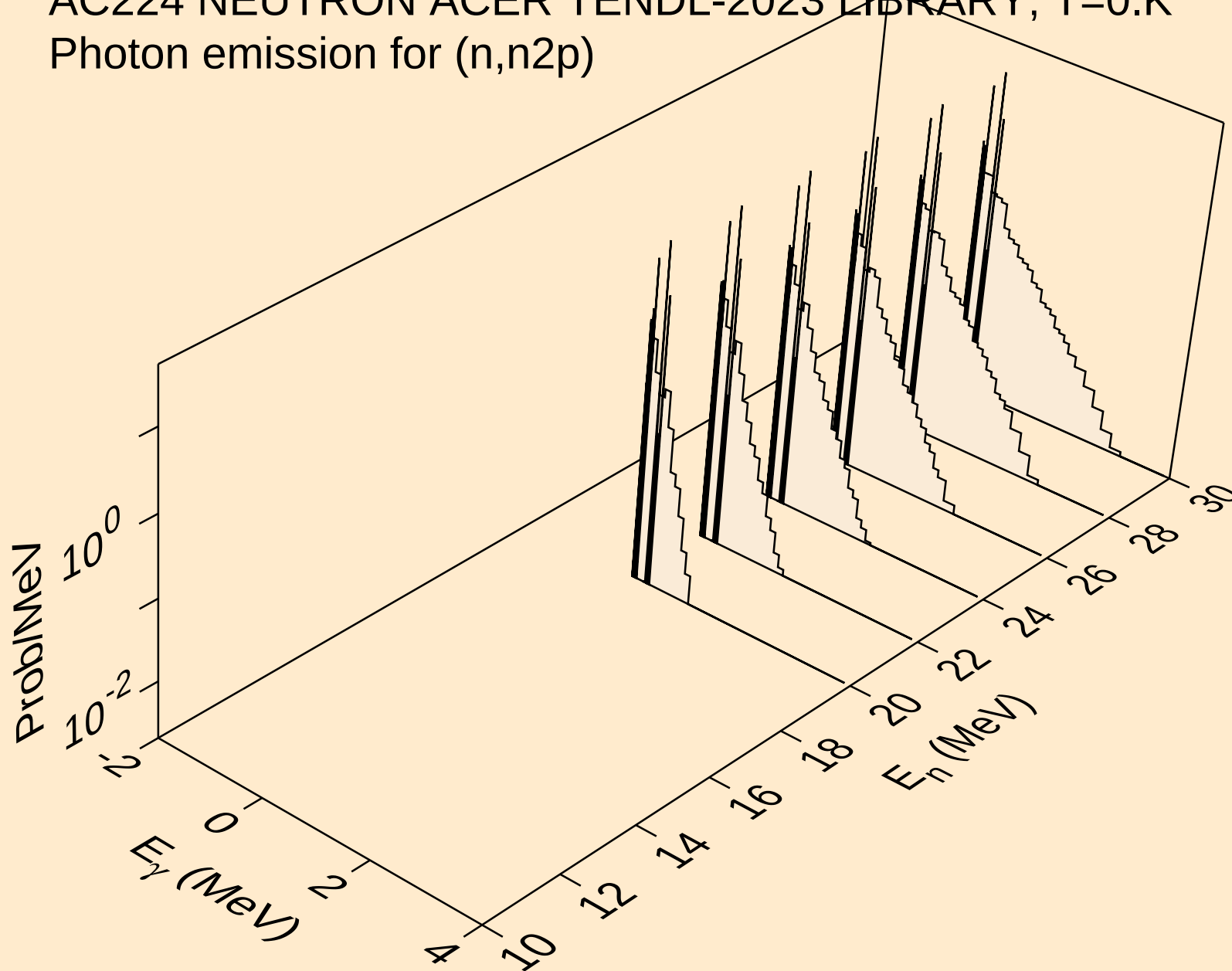
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



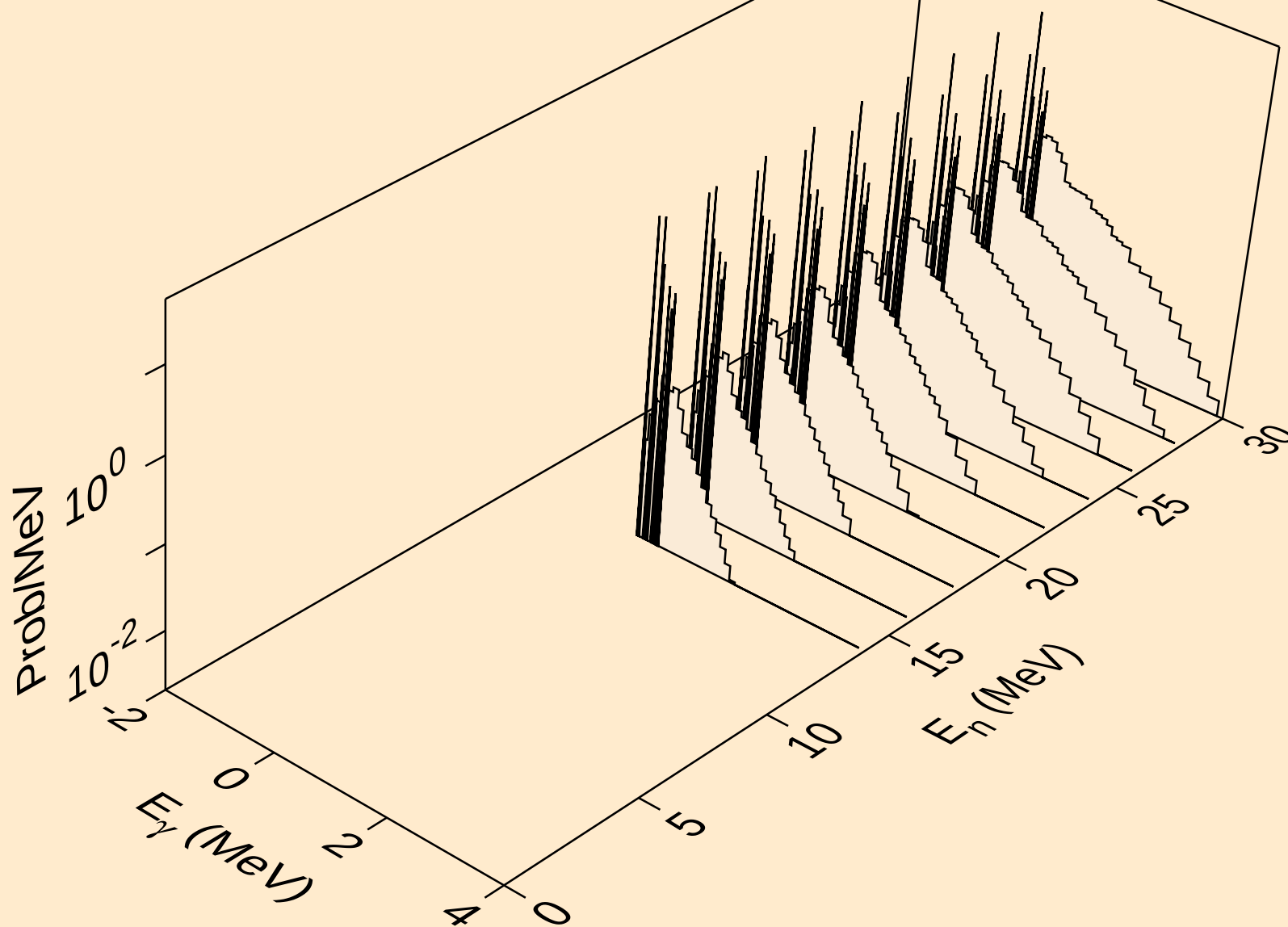
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



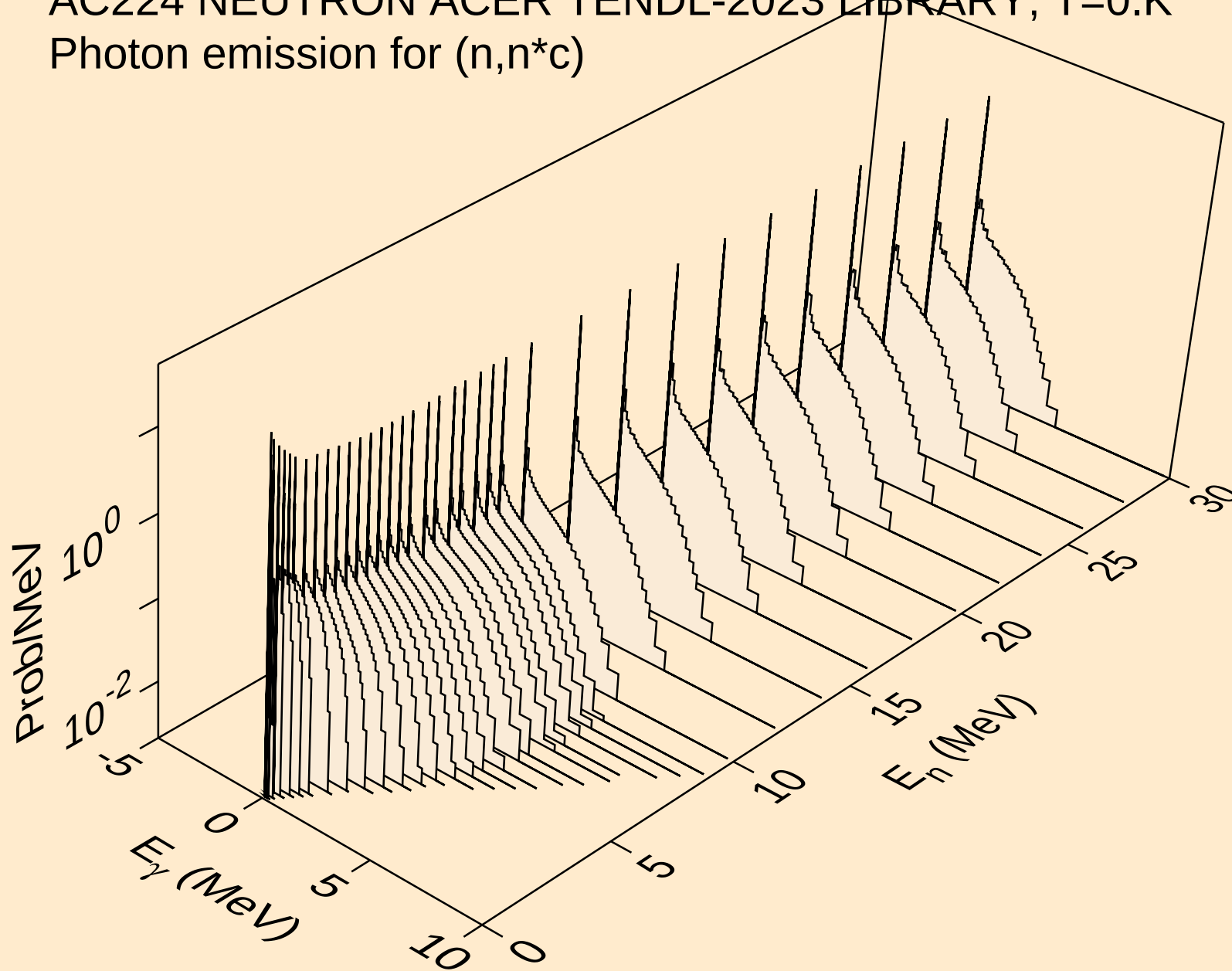
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



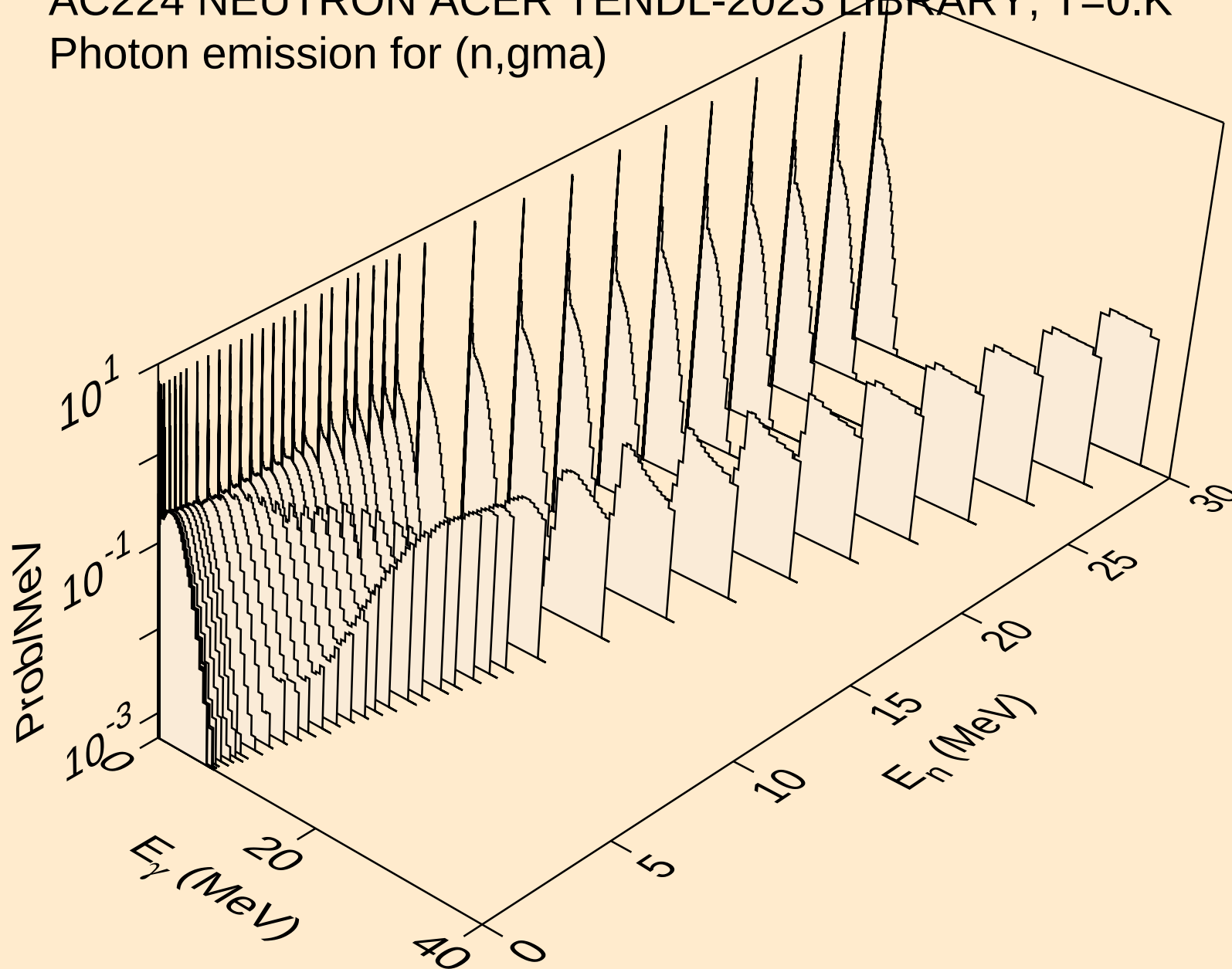
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



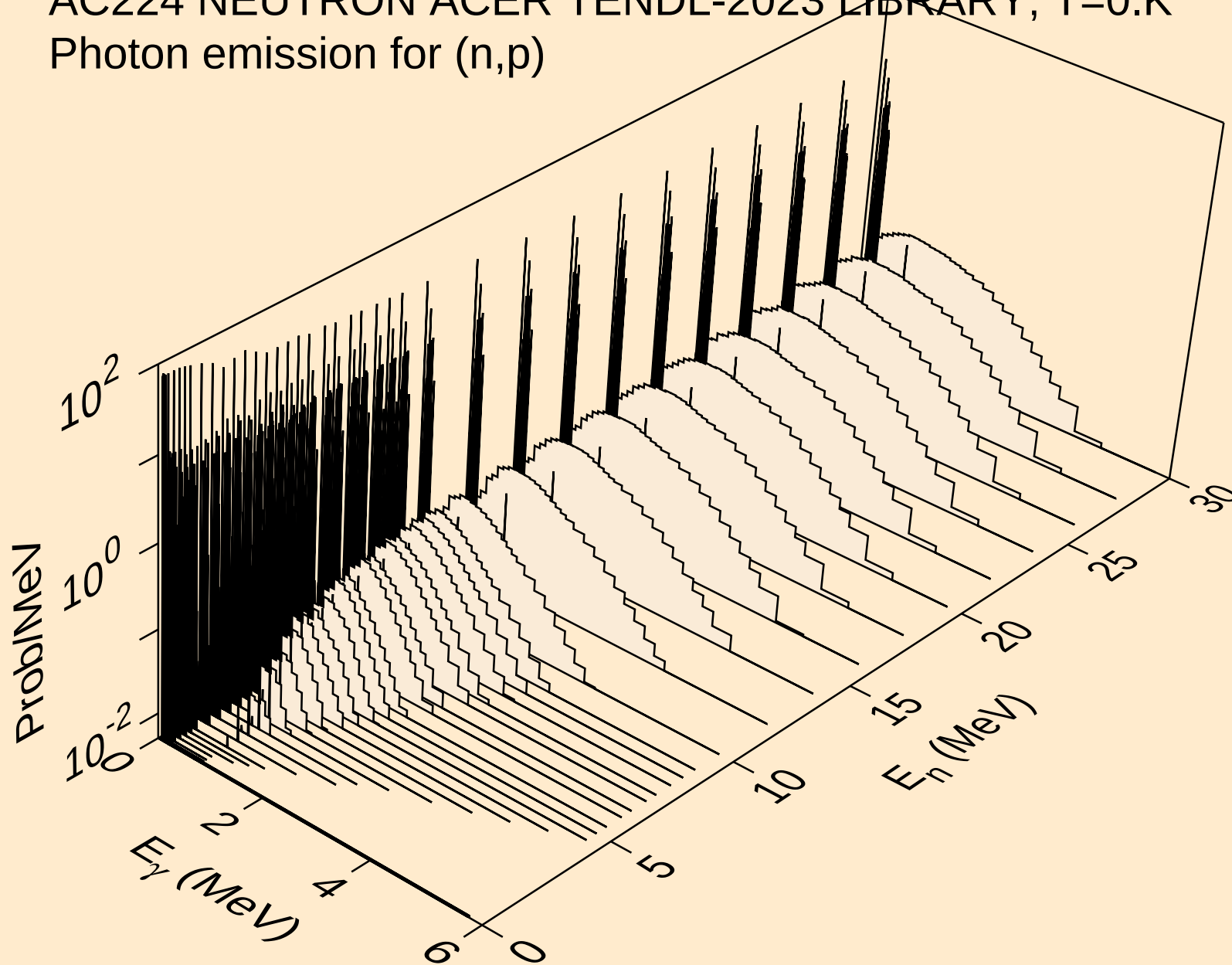
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



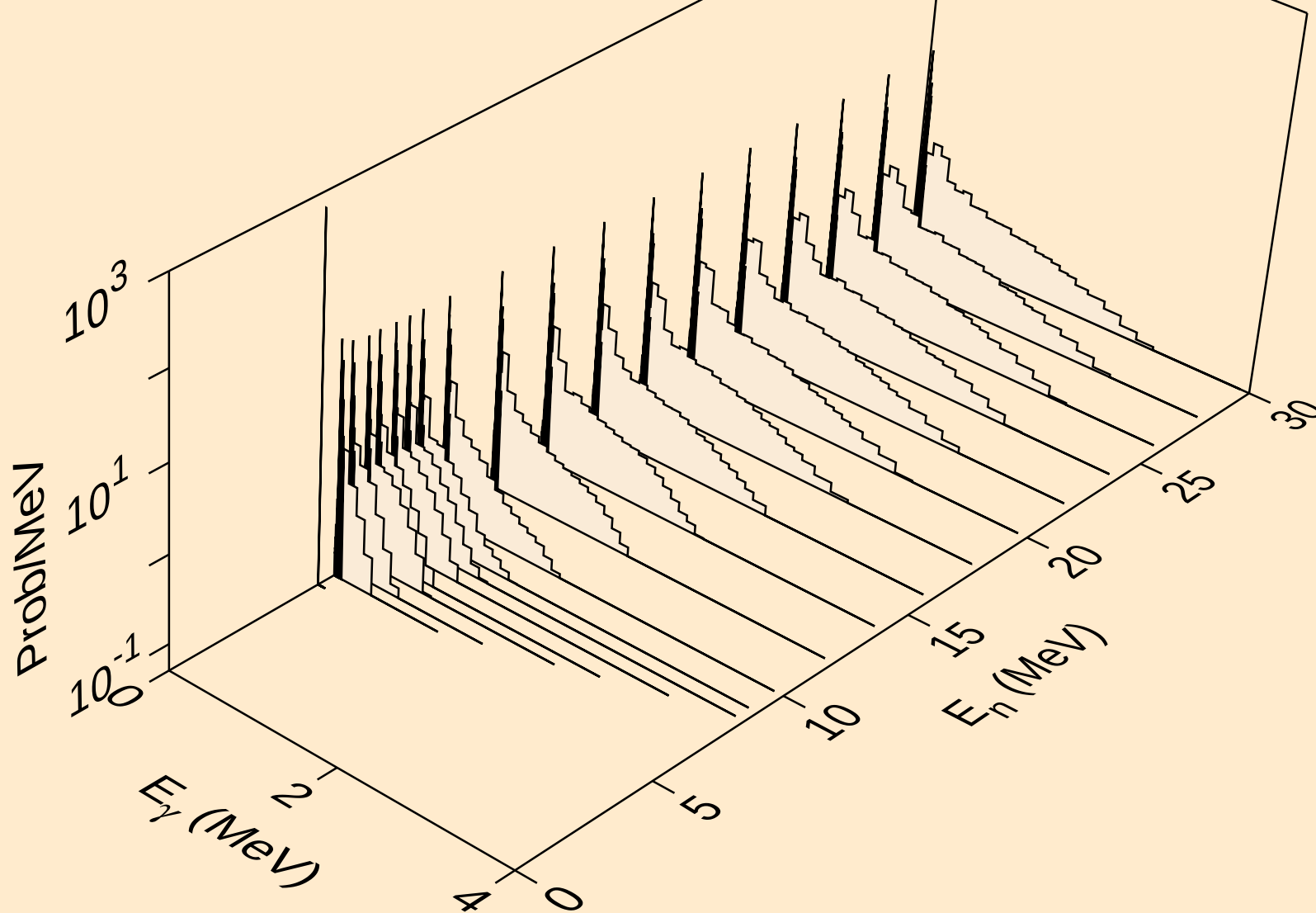
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



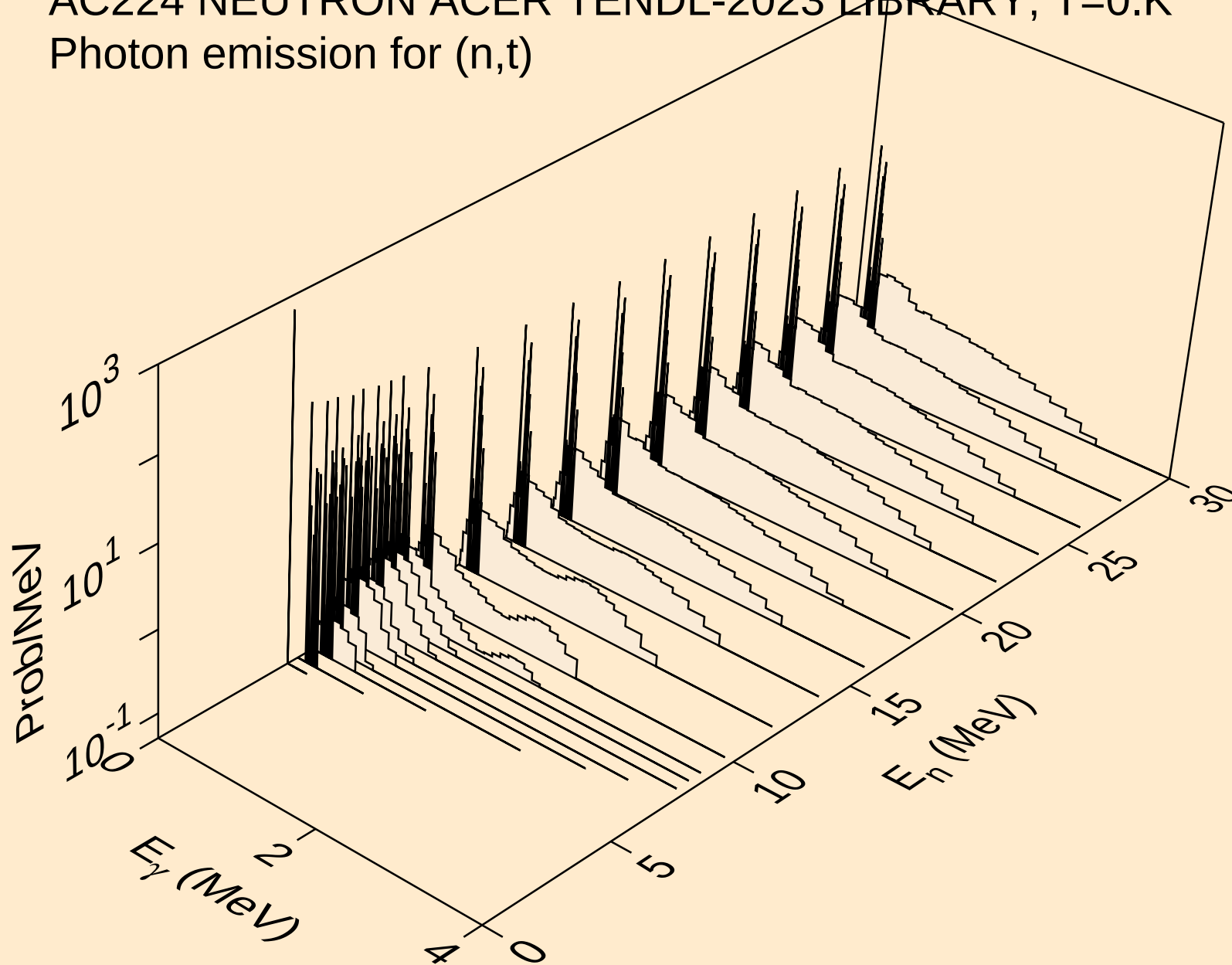
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



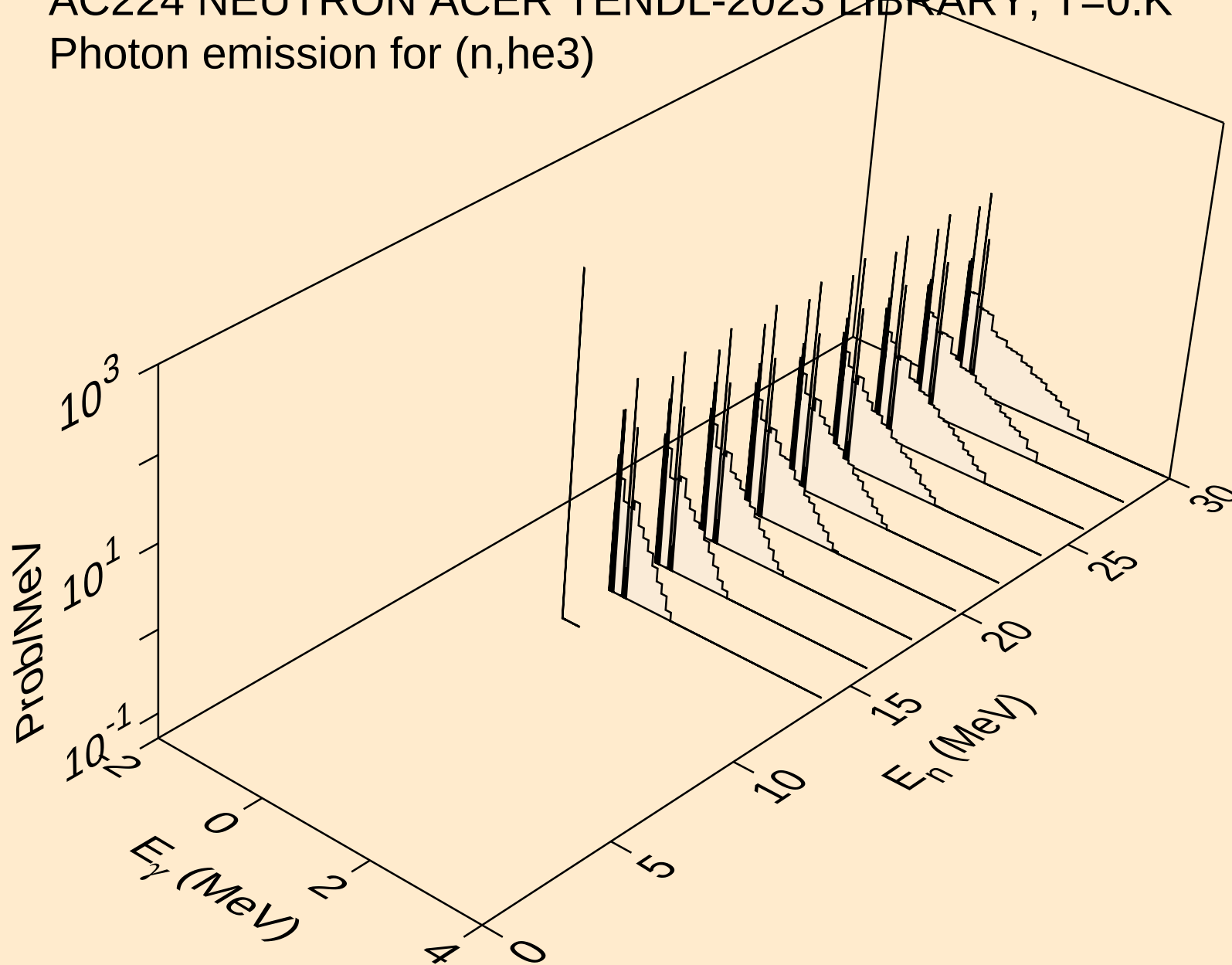
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



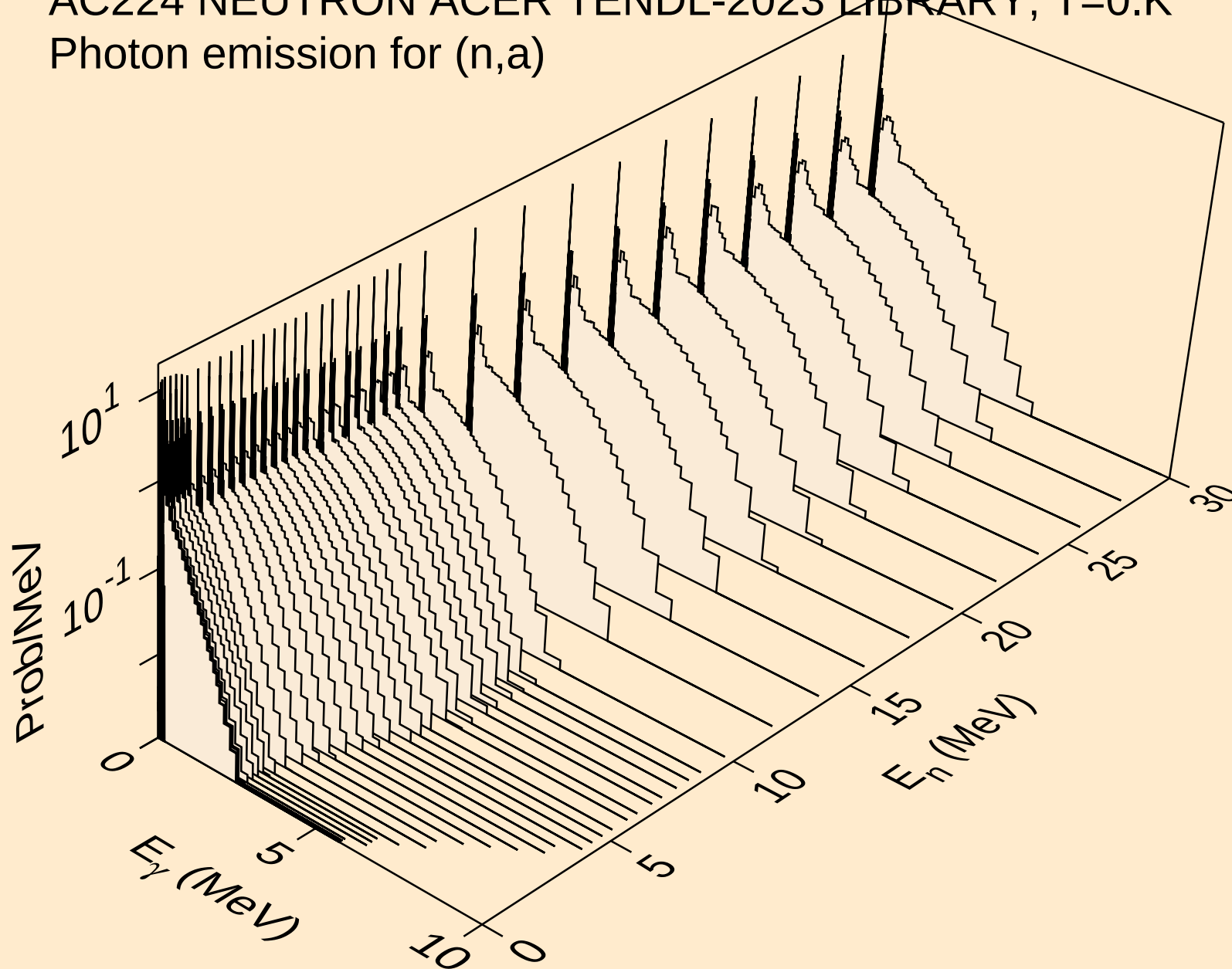
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



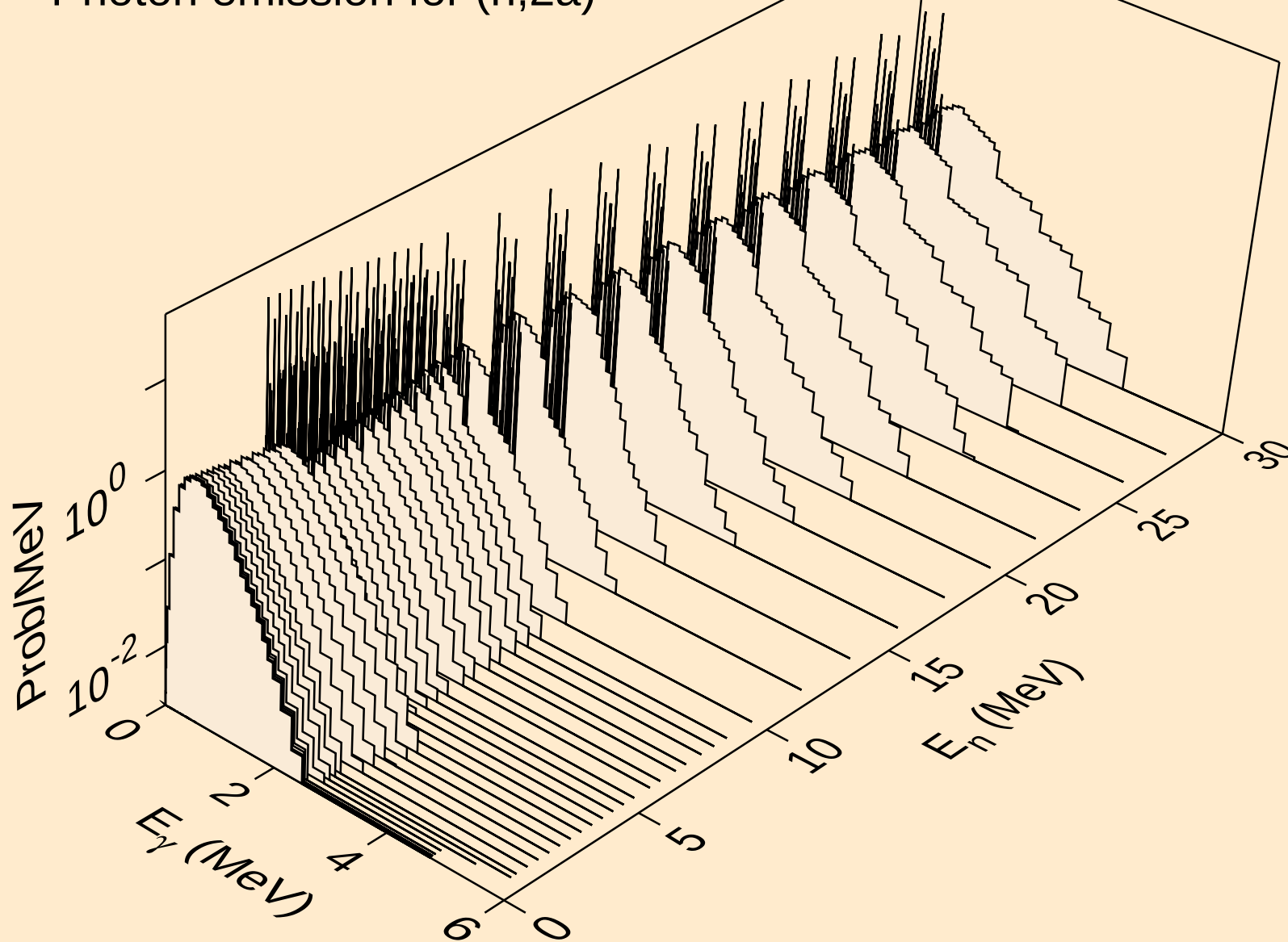
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Photon emission for (n,he3)



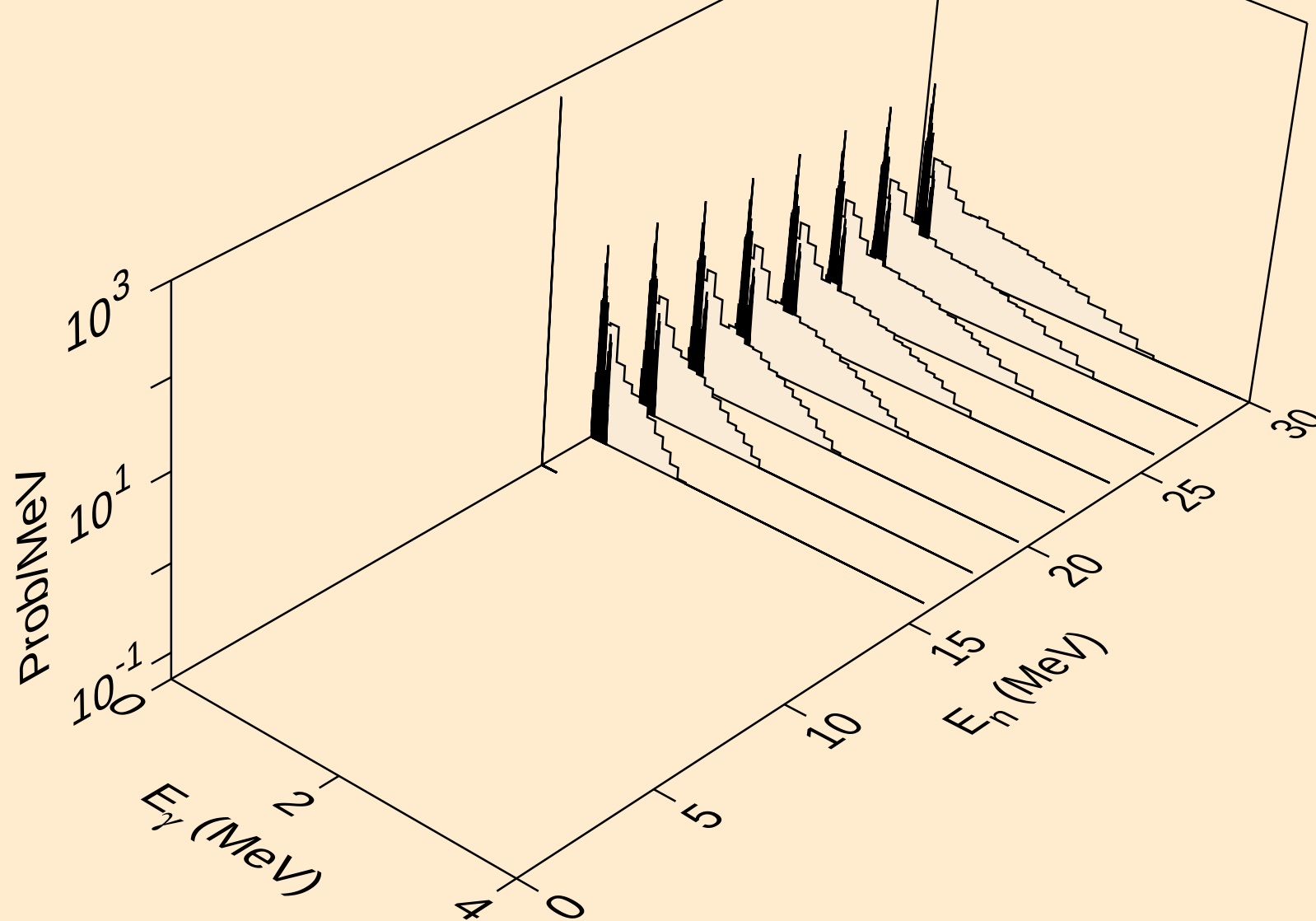
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Photon emission for (n,a)



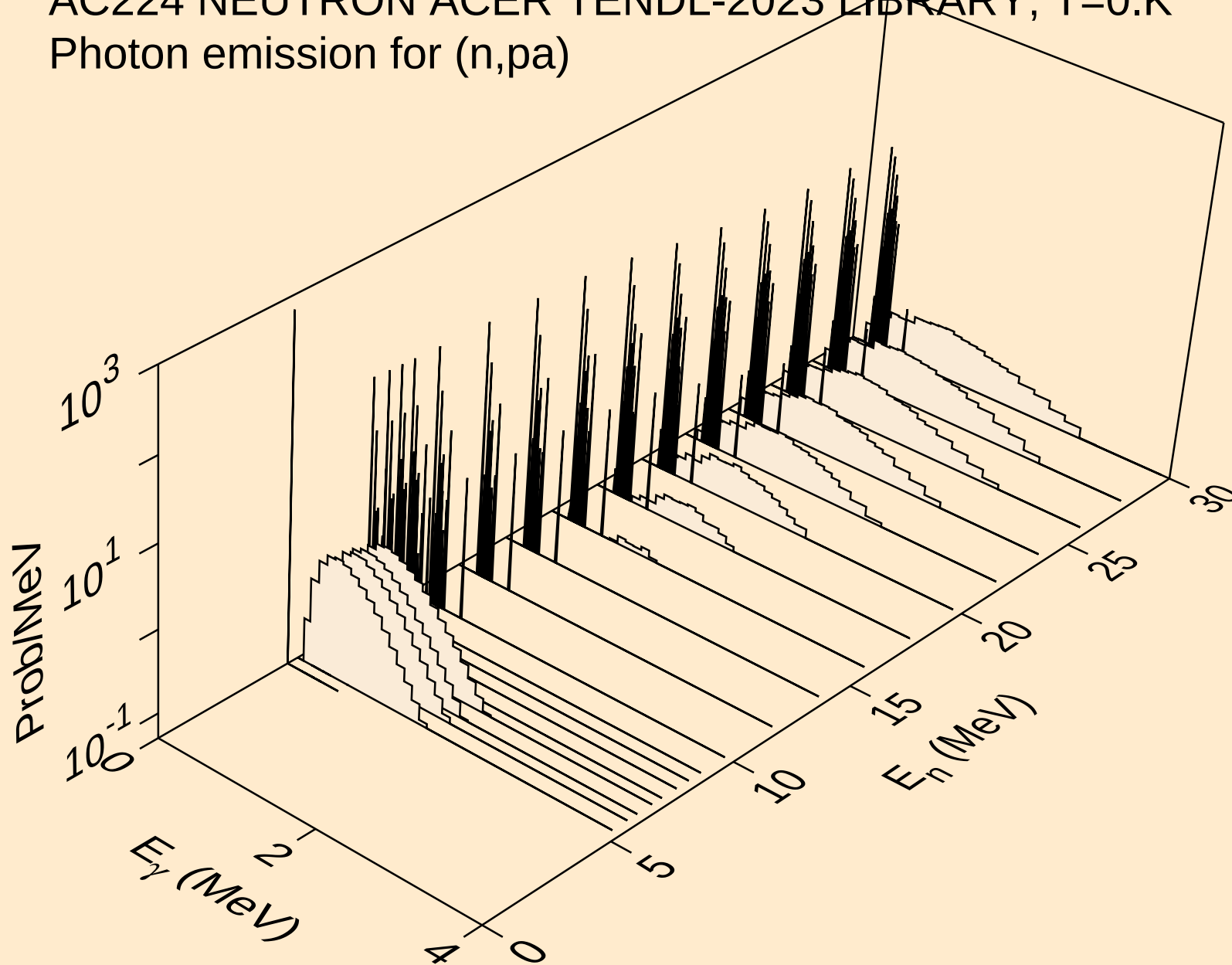
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Photon emission for (n,2a)



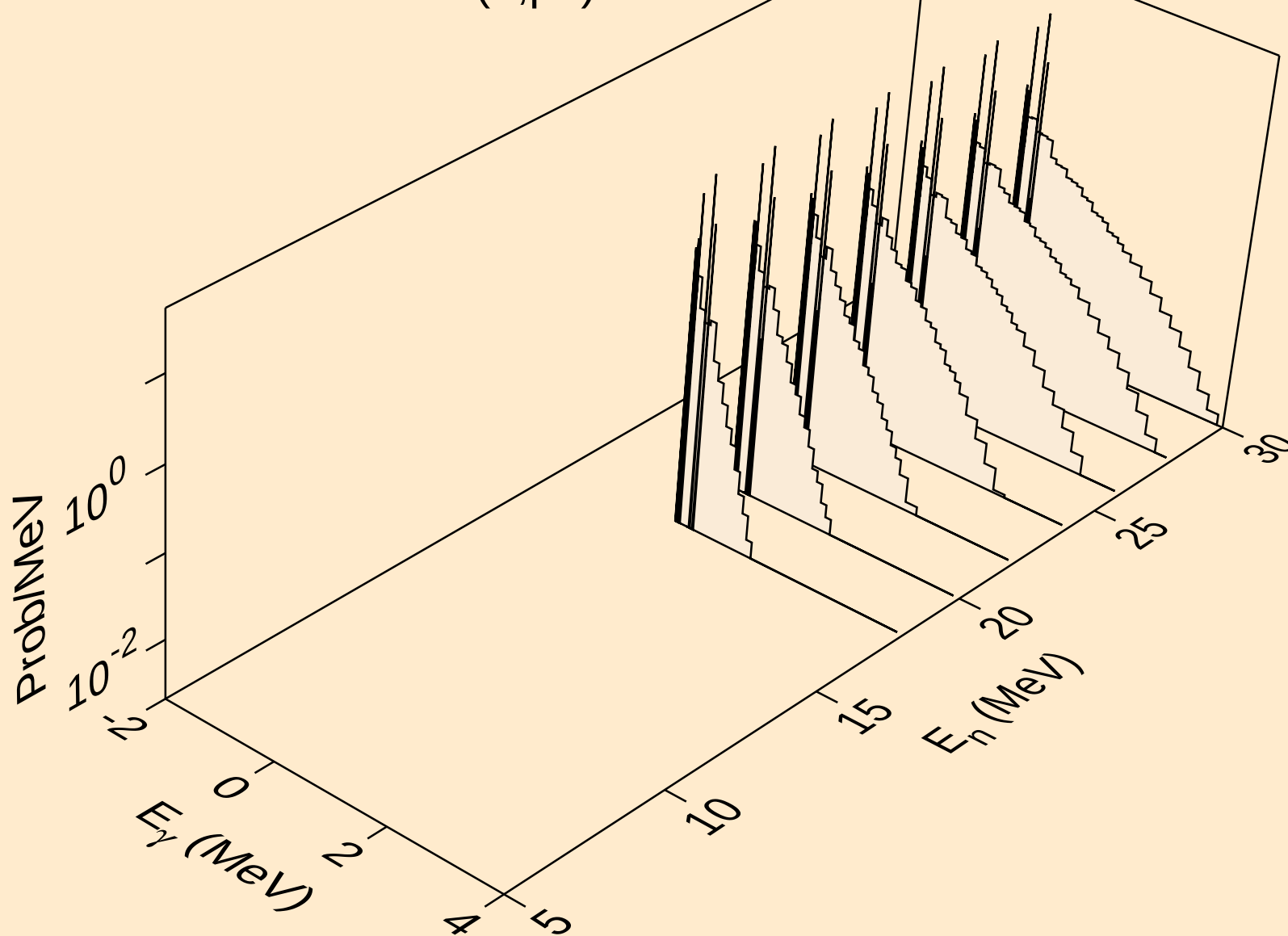
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Photon emission for (n,2p)



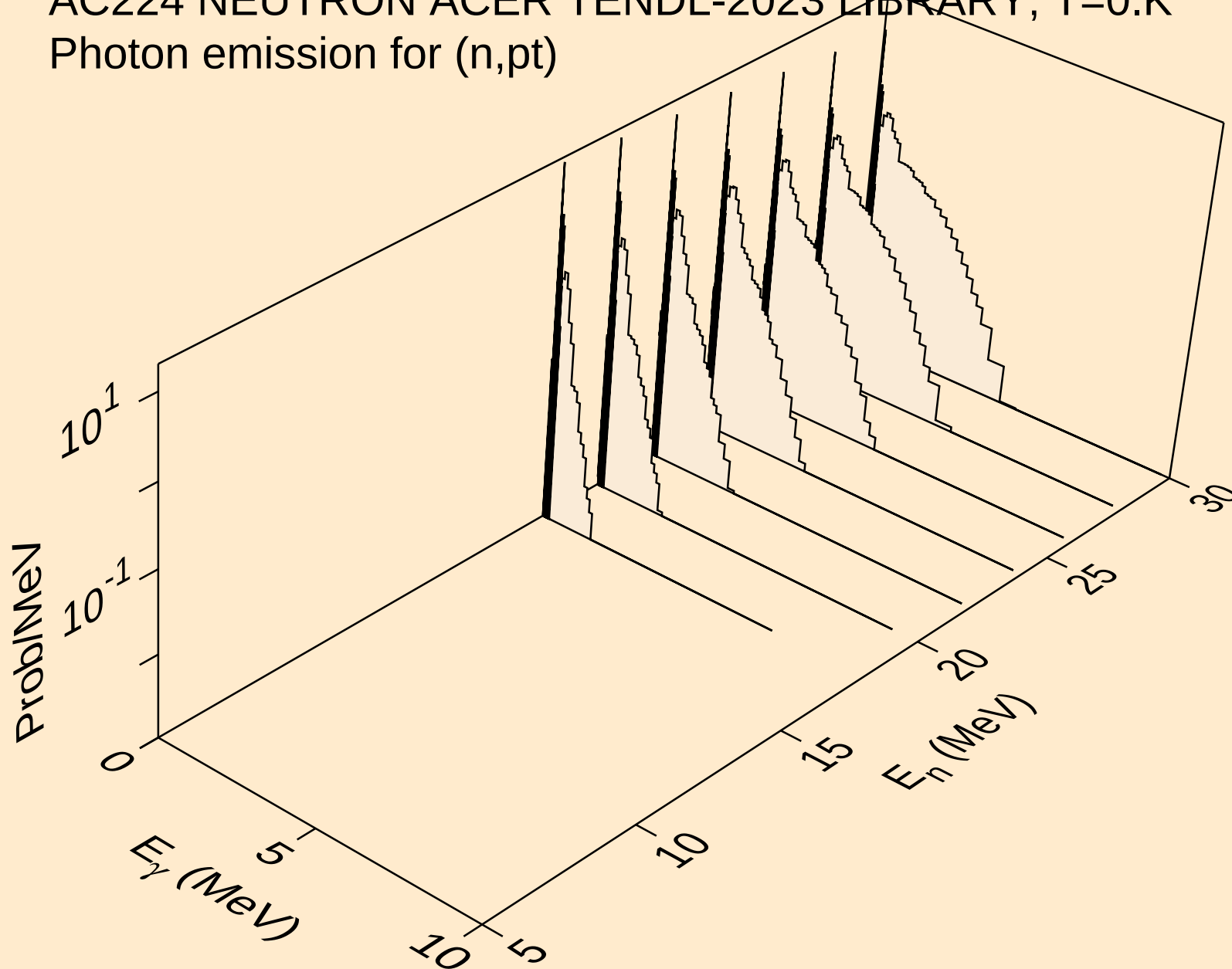
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Photon emission for (n,p α)



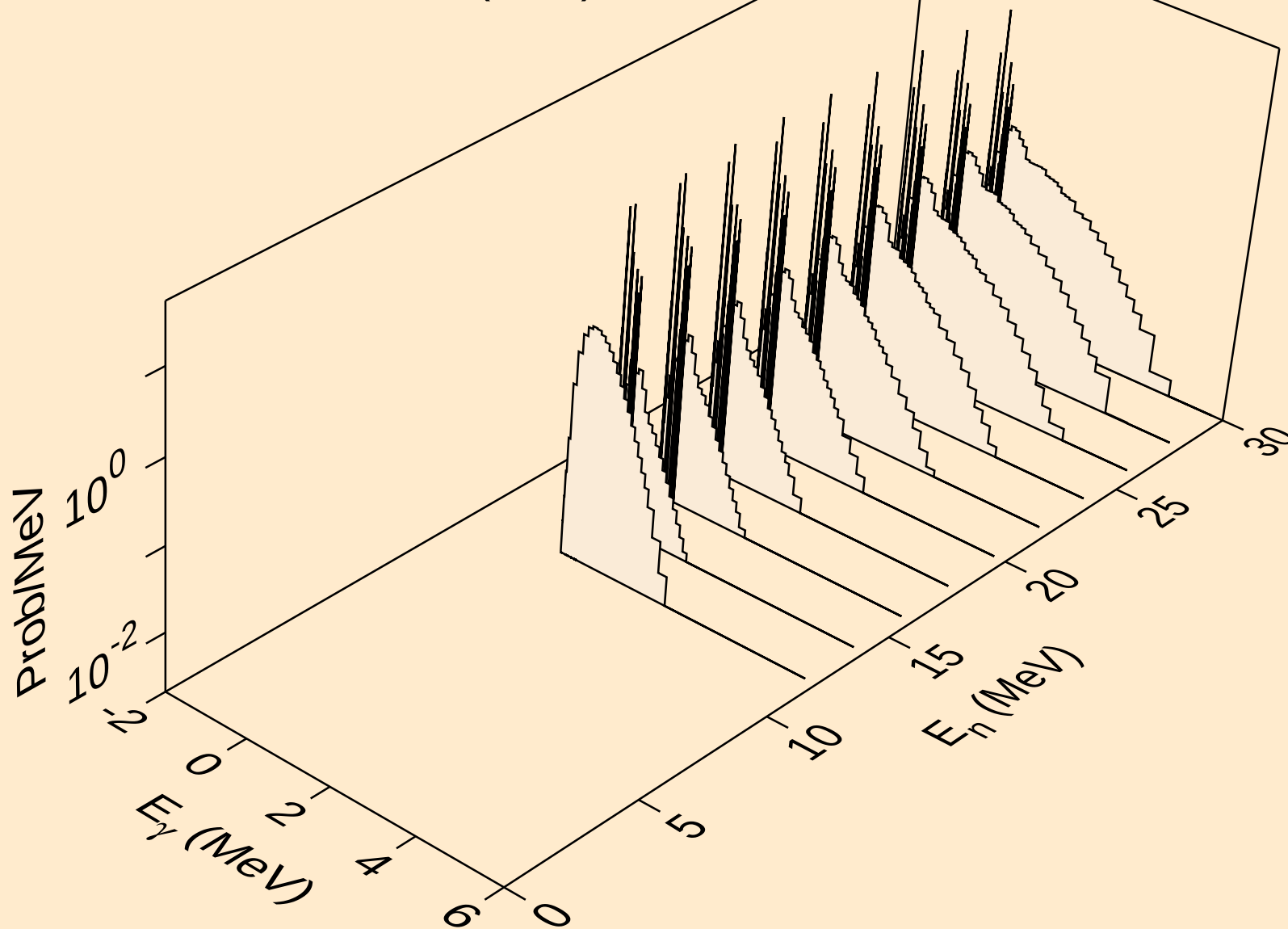
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



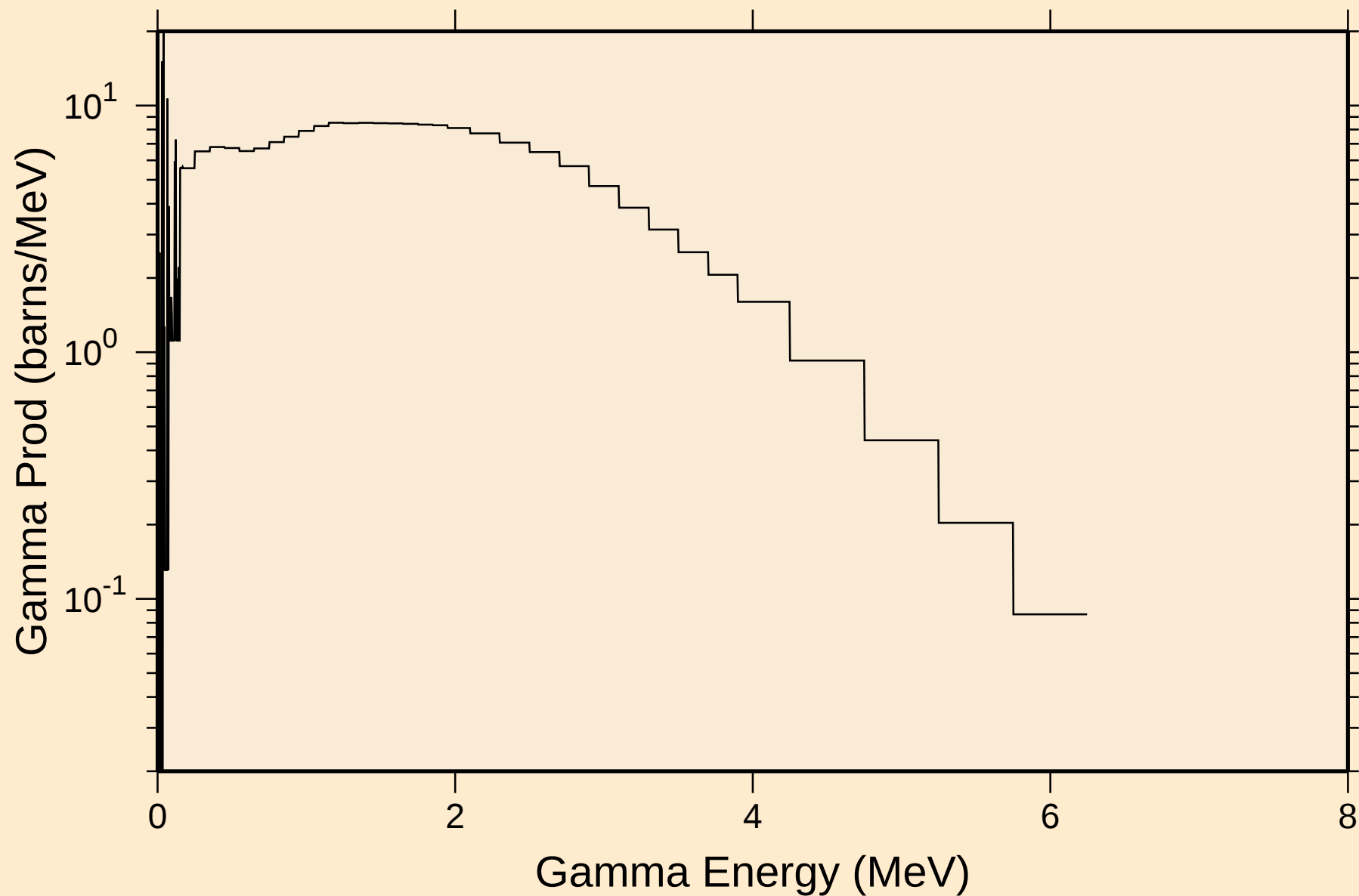
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



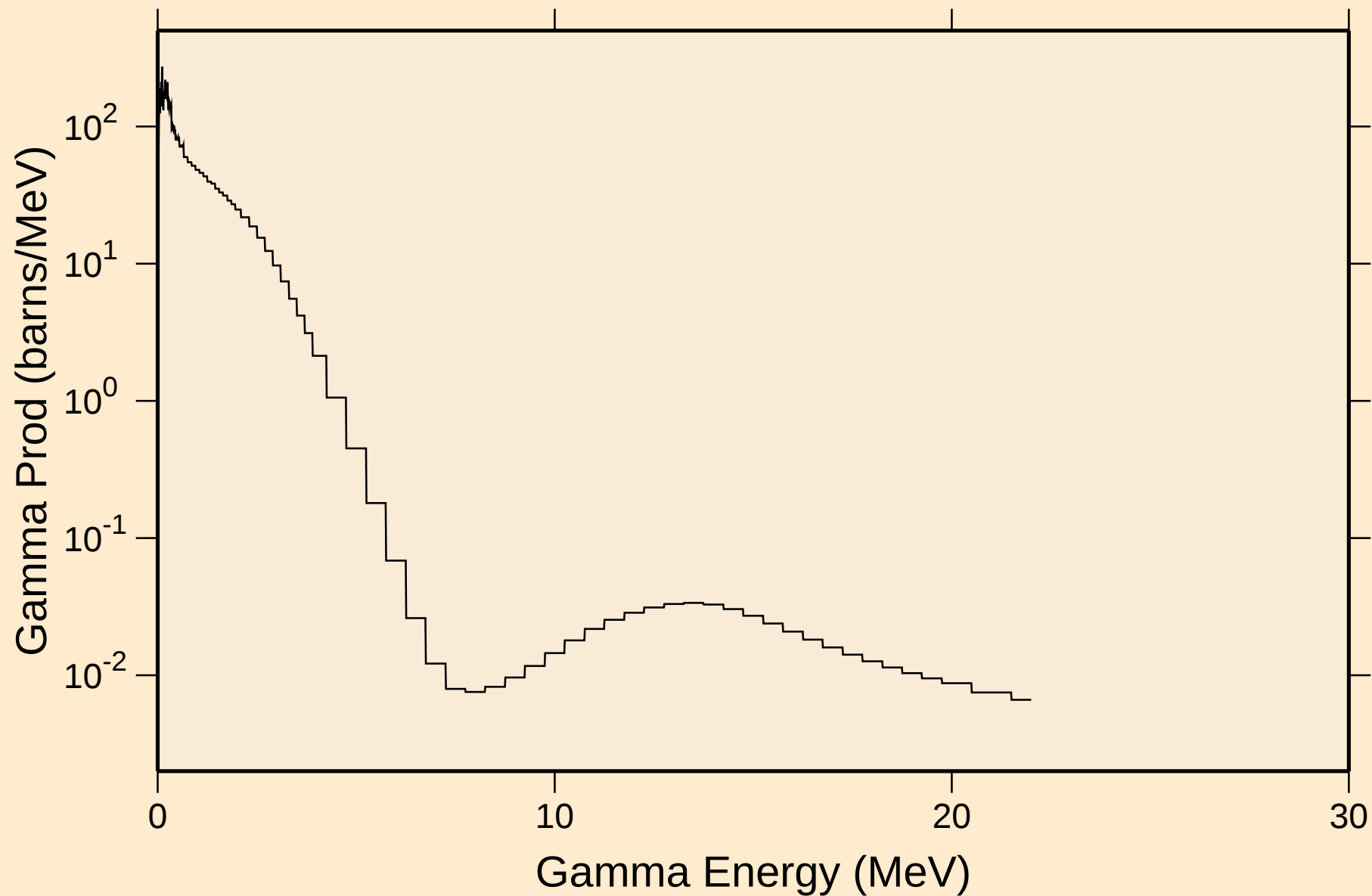
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

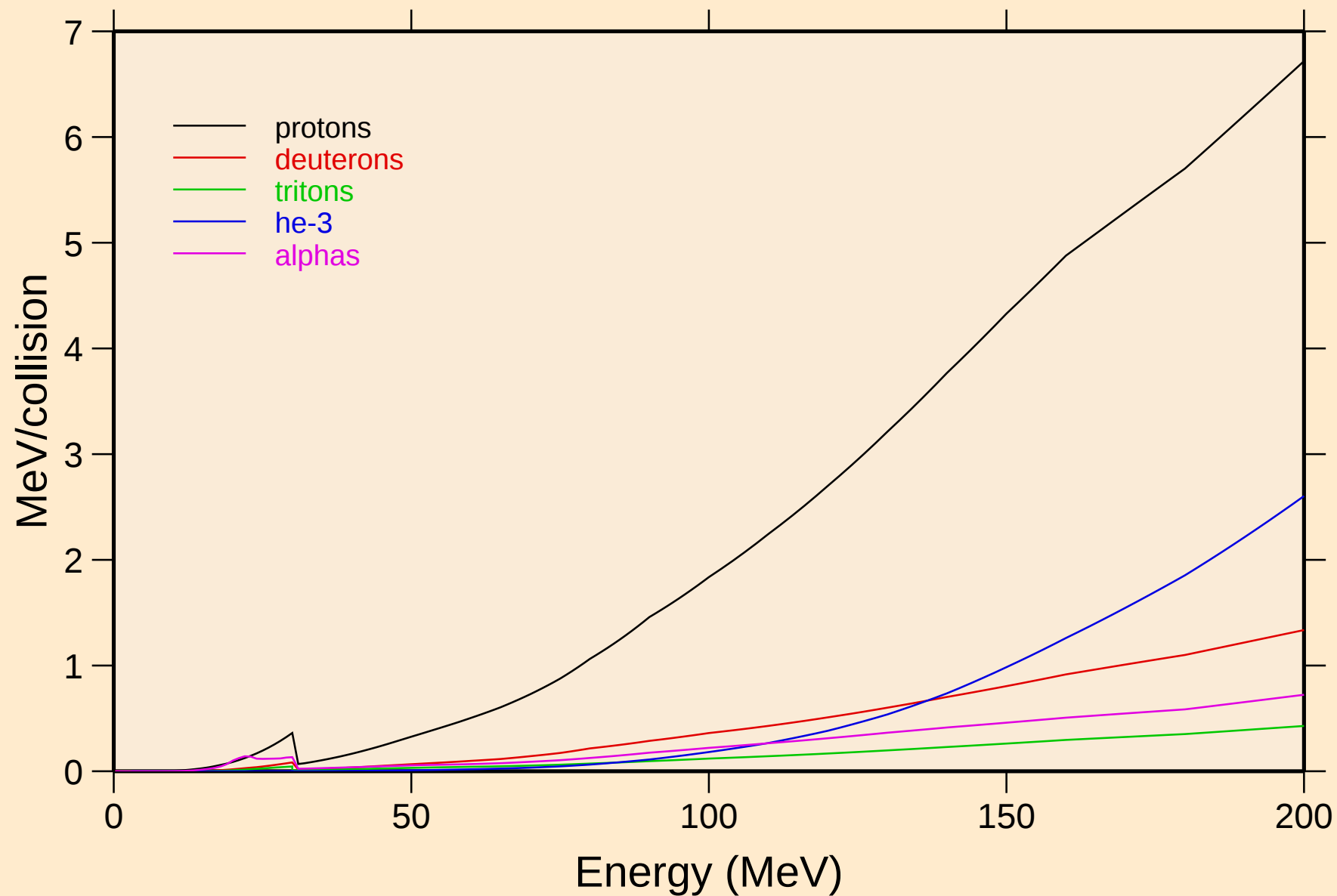


AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

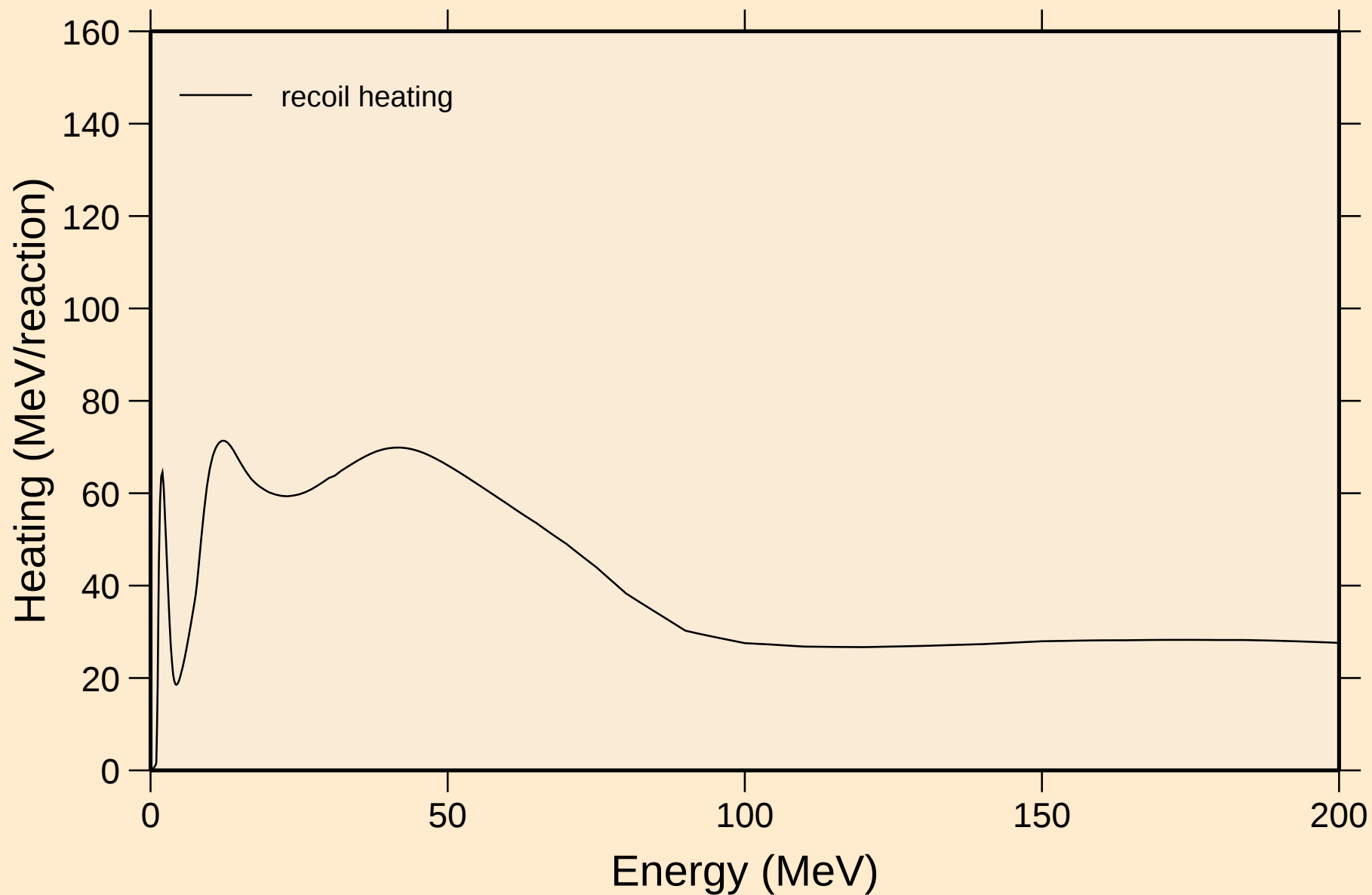


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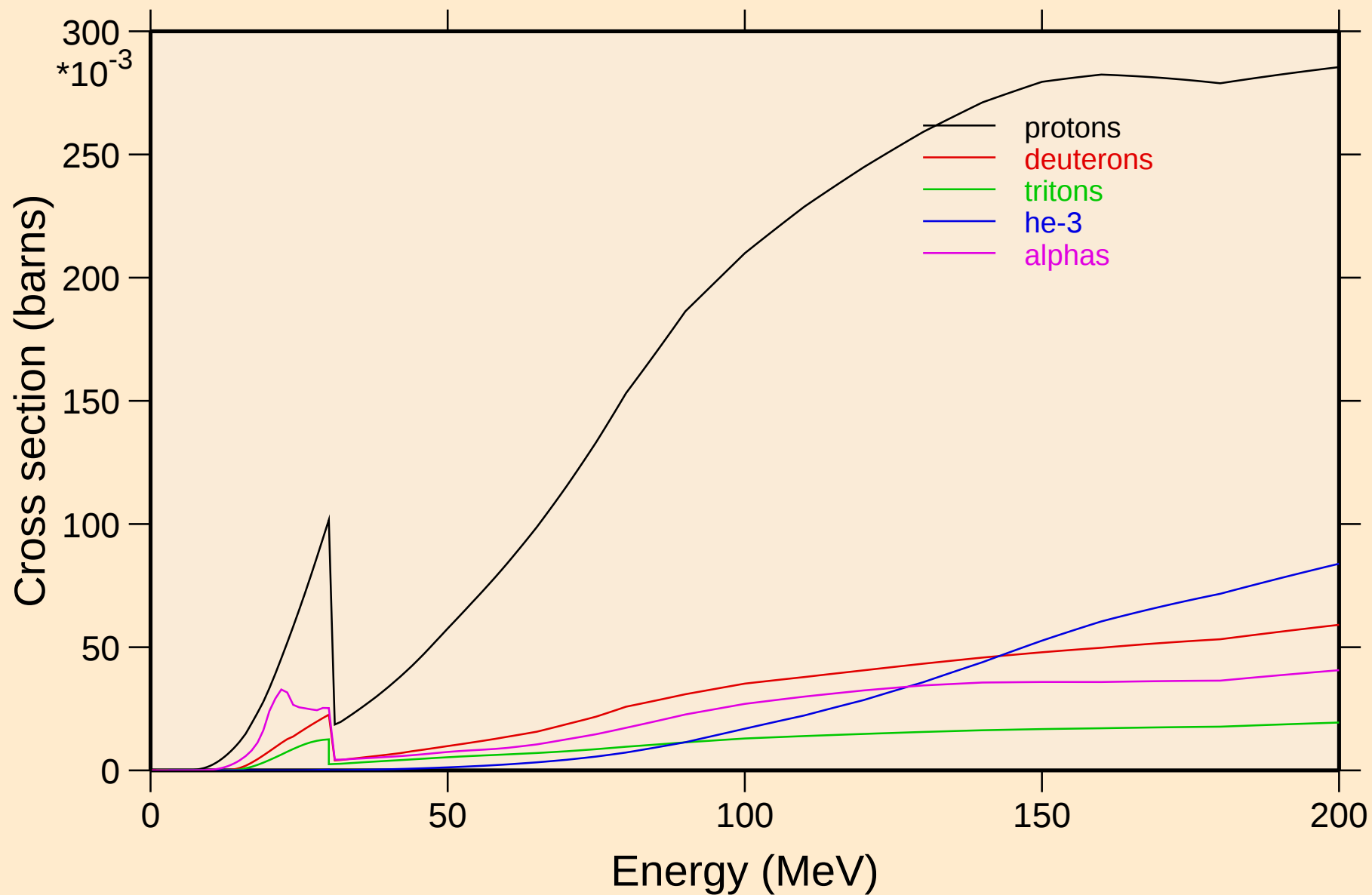
Particle heating contributions



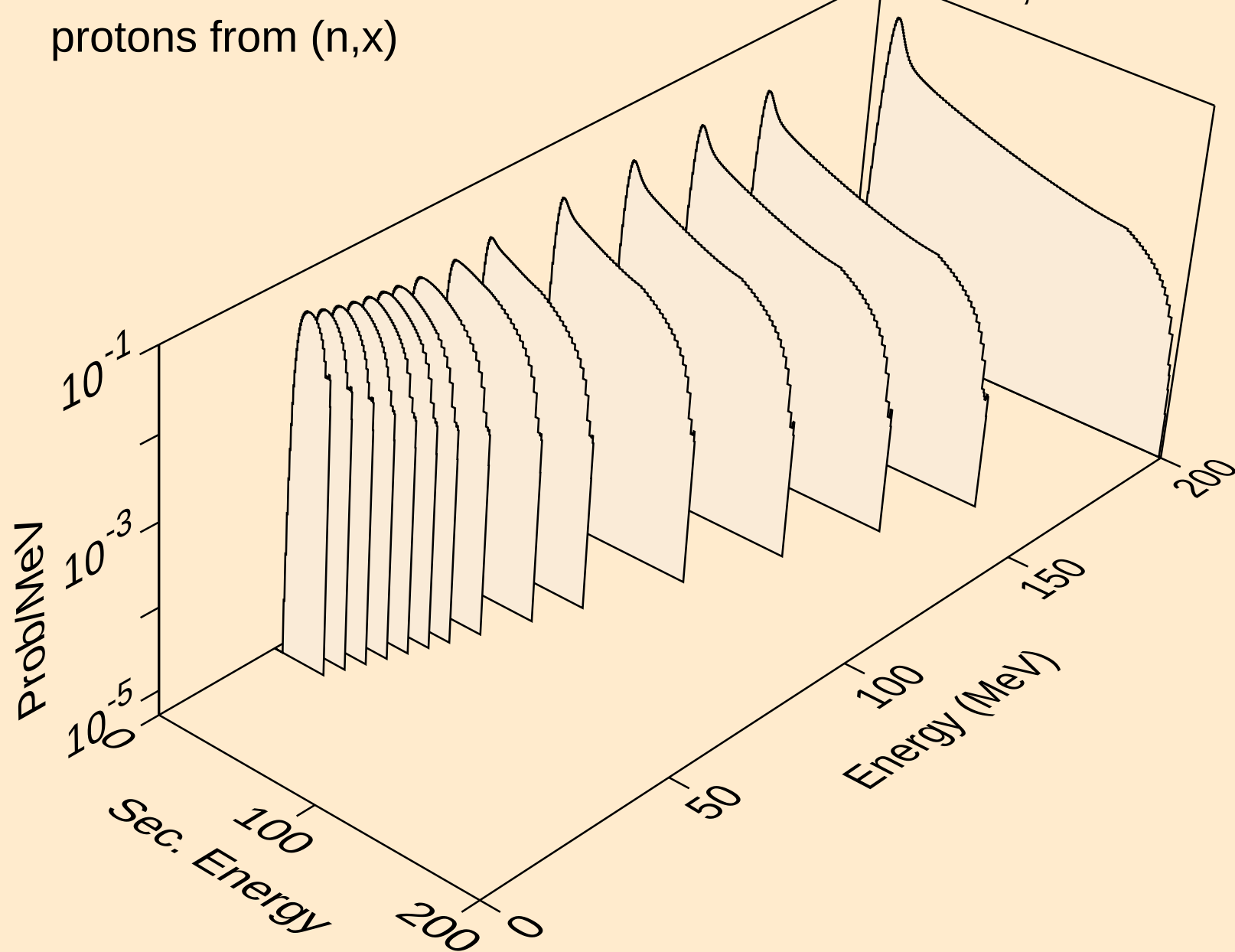
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Recoil Heating



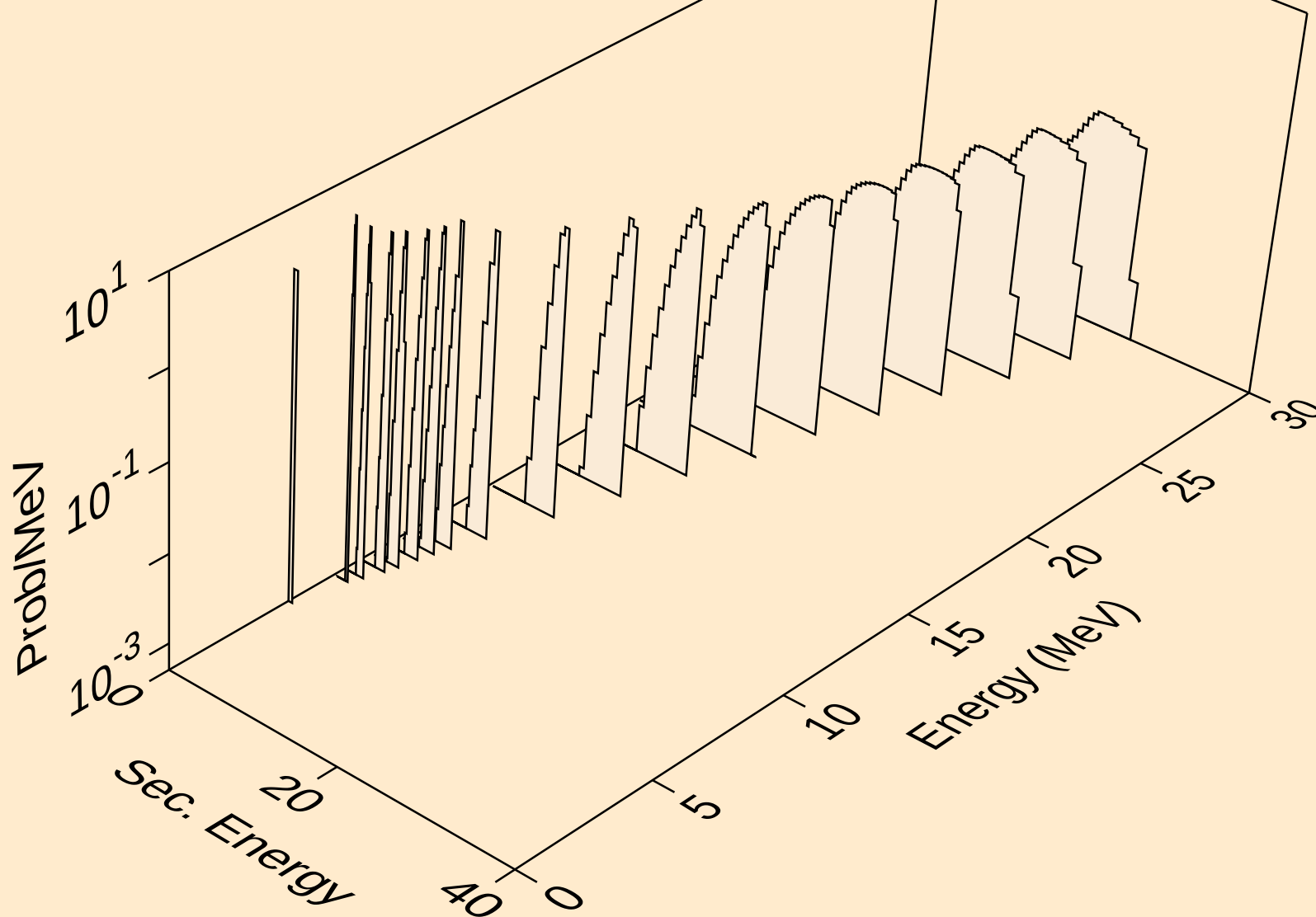
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Particle production cross sections



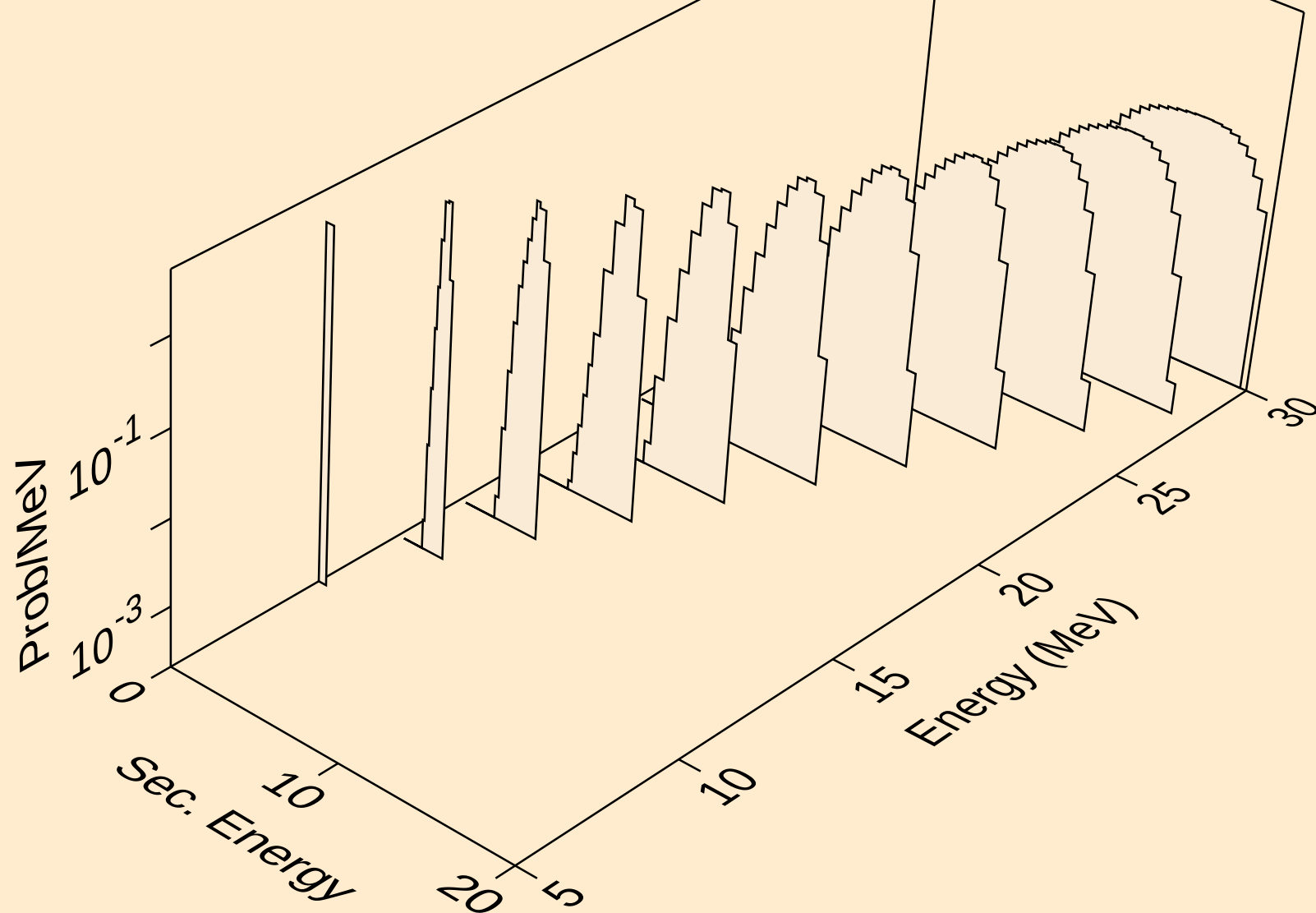
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



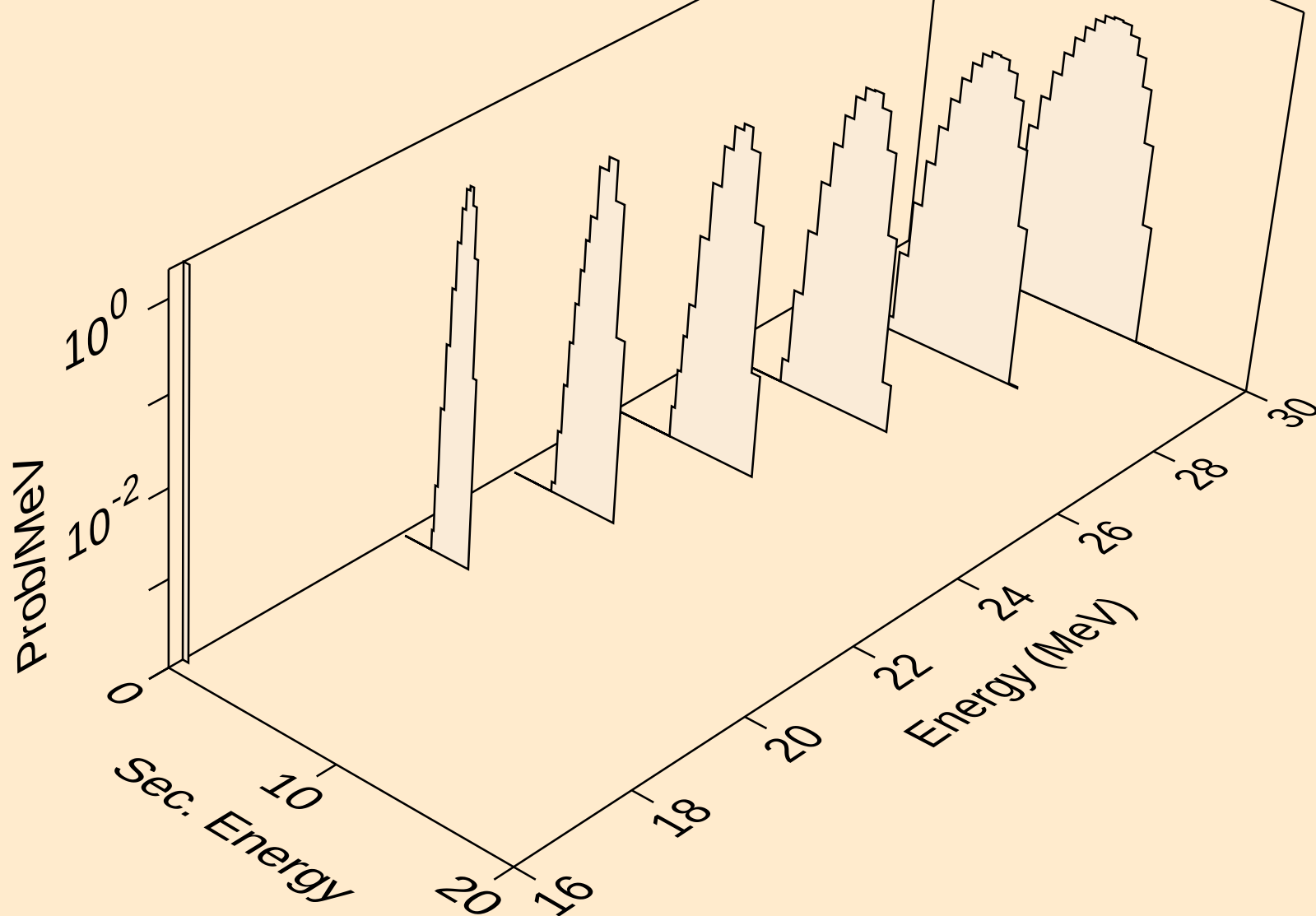
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



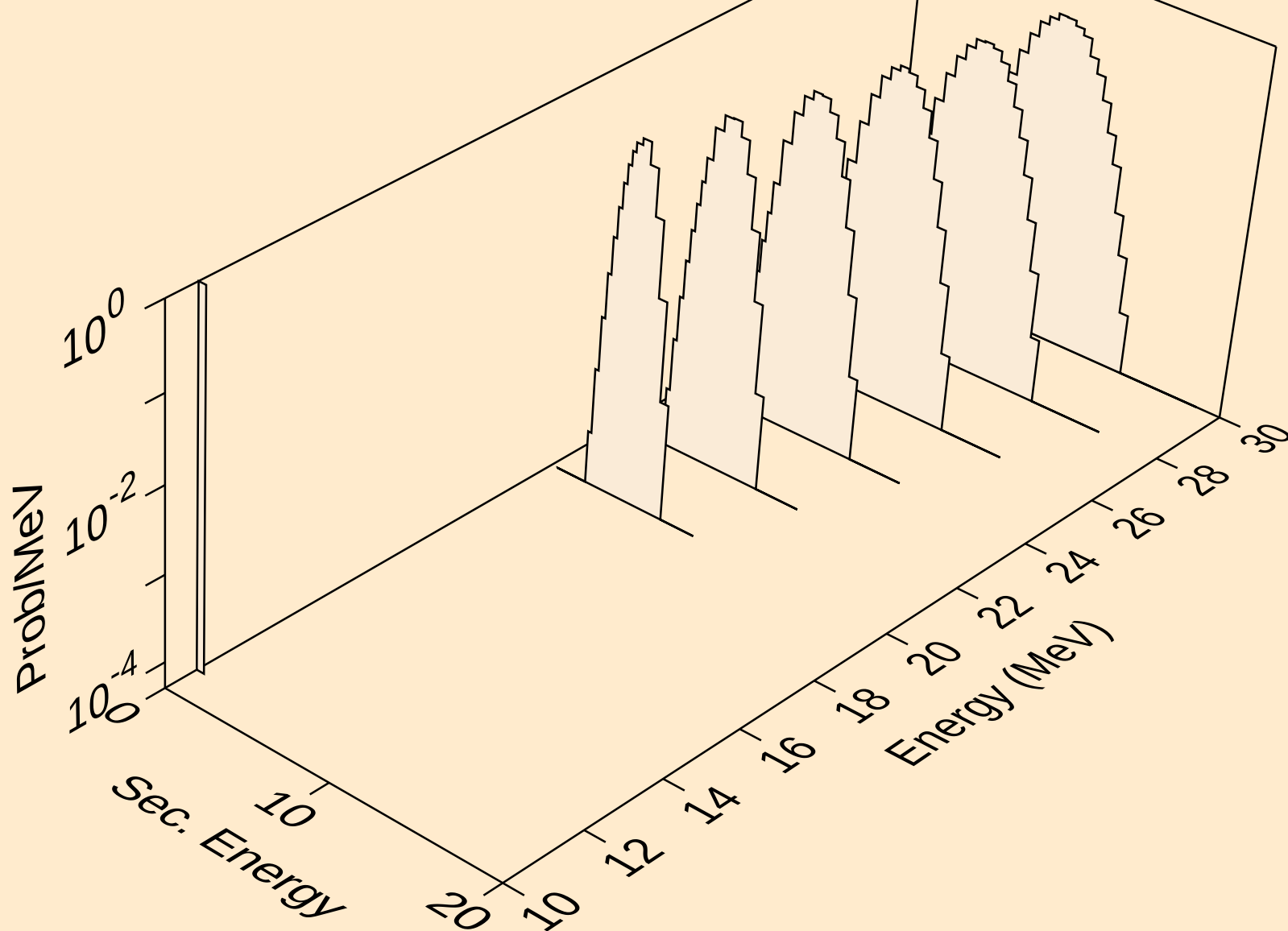
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protons from (n,2np)



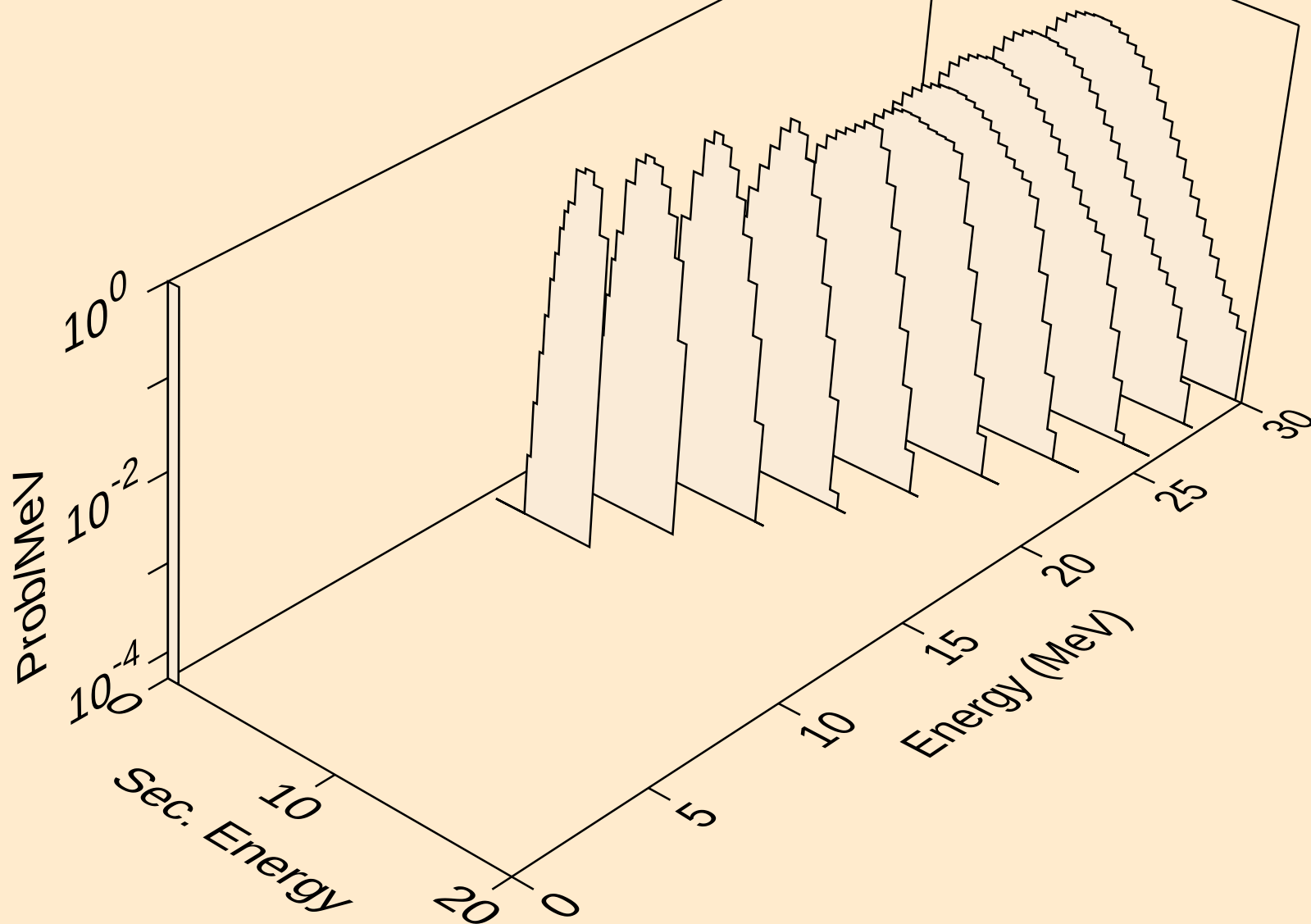
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protons from (n,3np)



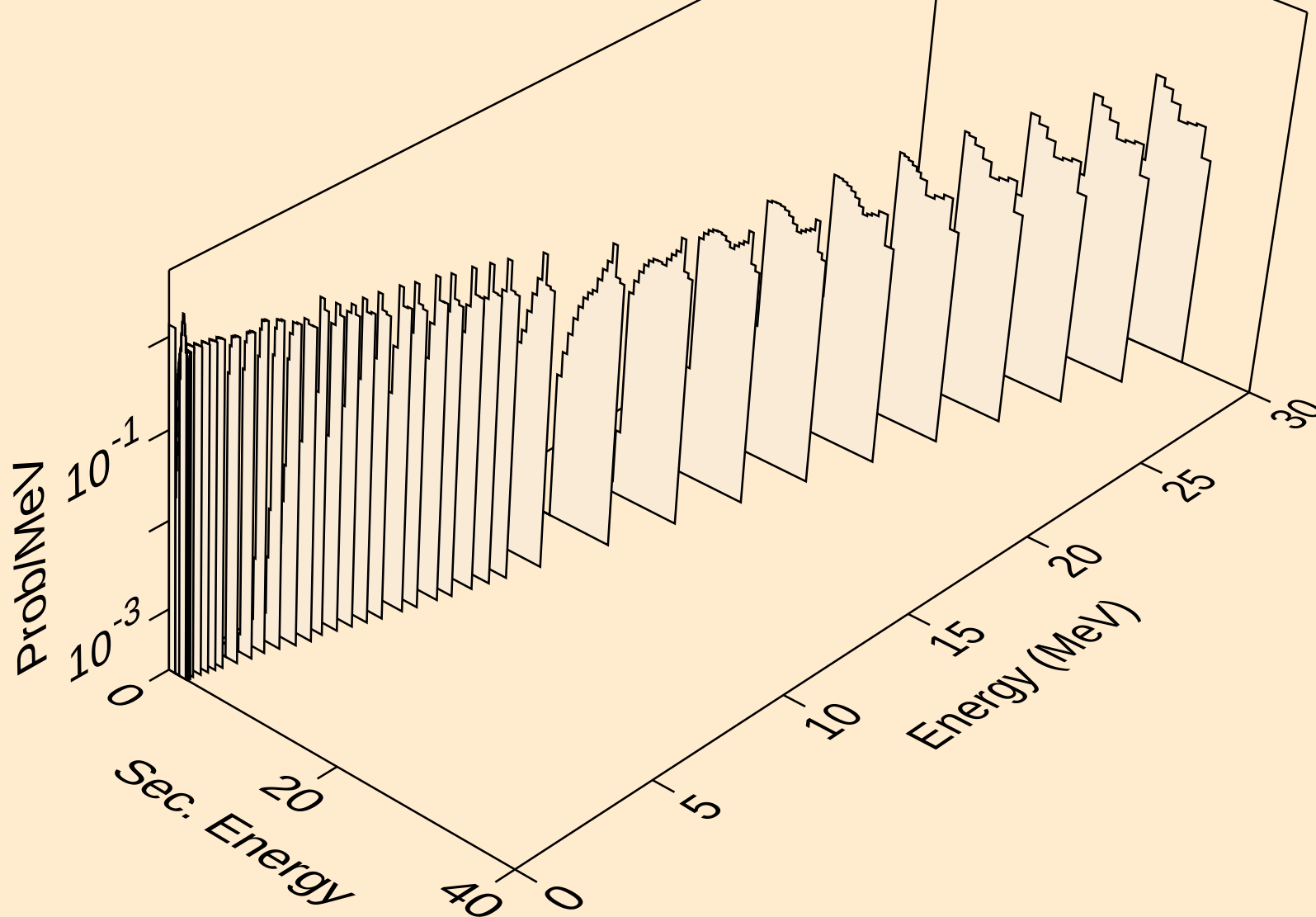
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protons from (n,n2p)



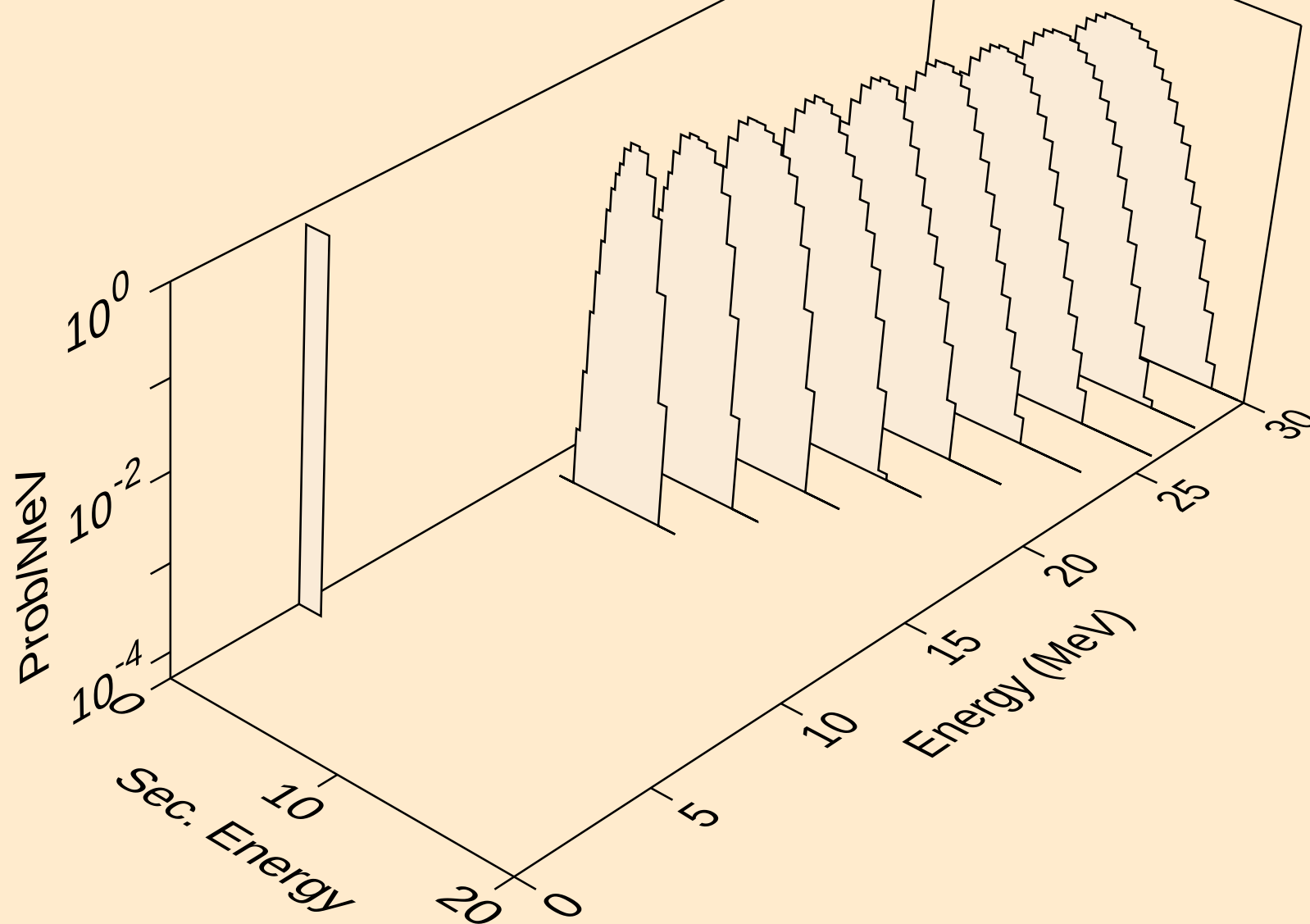
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protons from (n,npa)



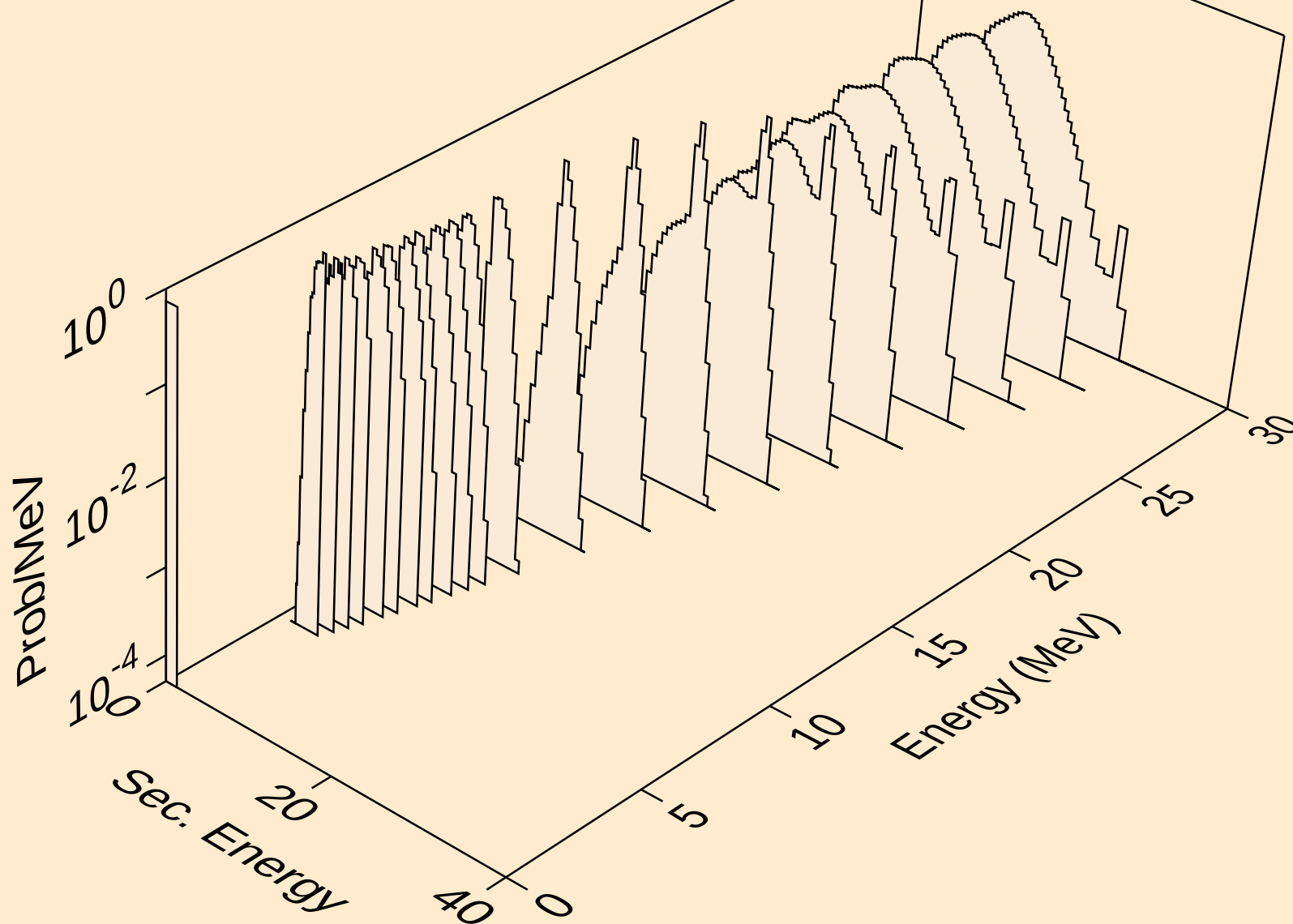
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protons from (n,p)



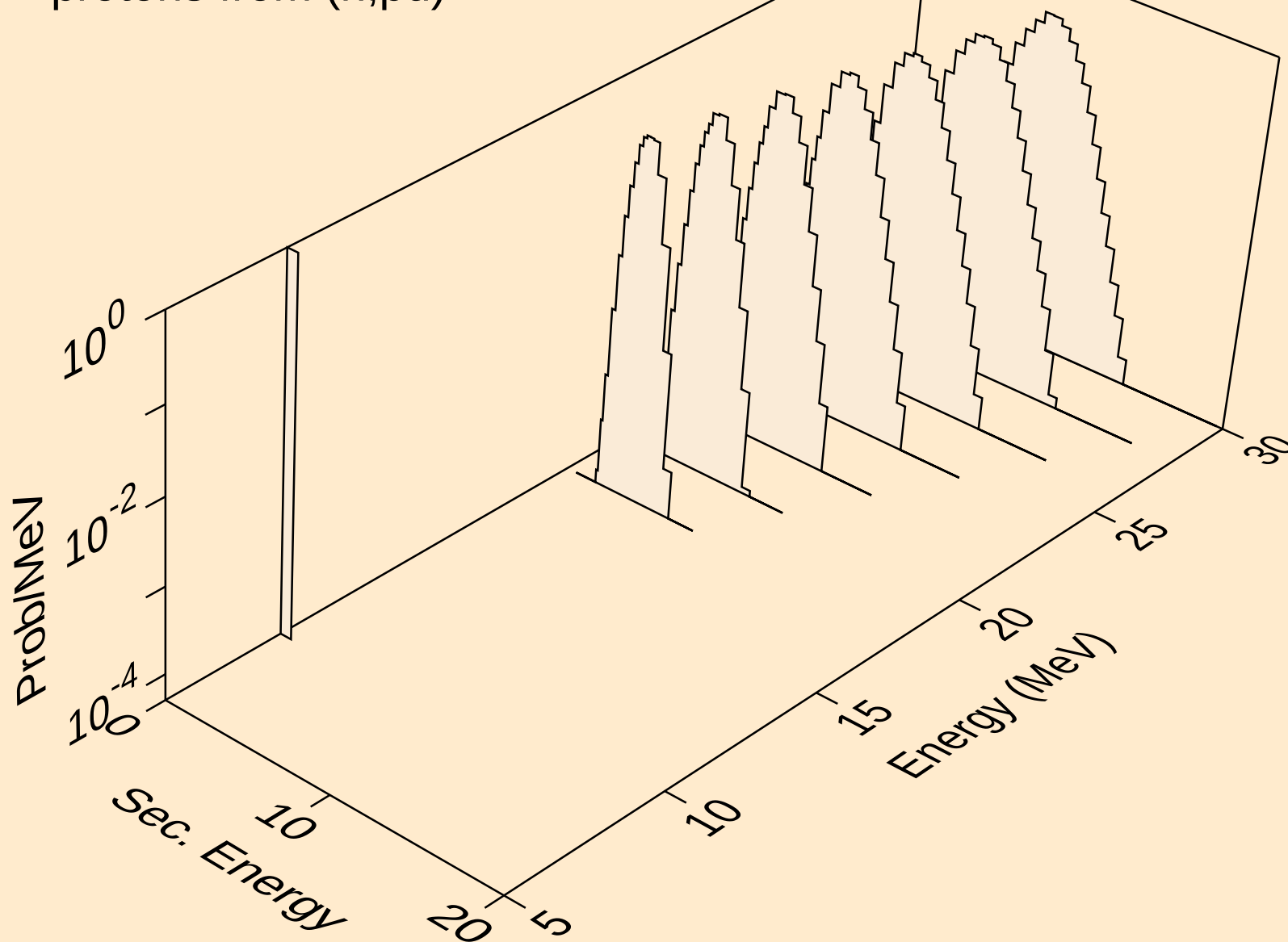
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protons from (n,2p)



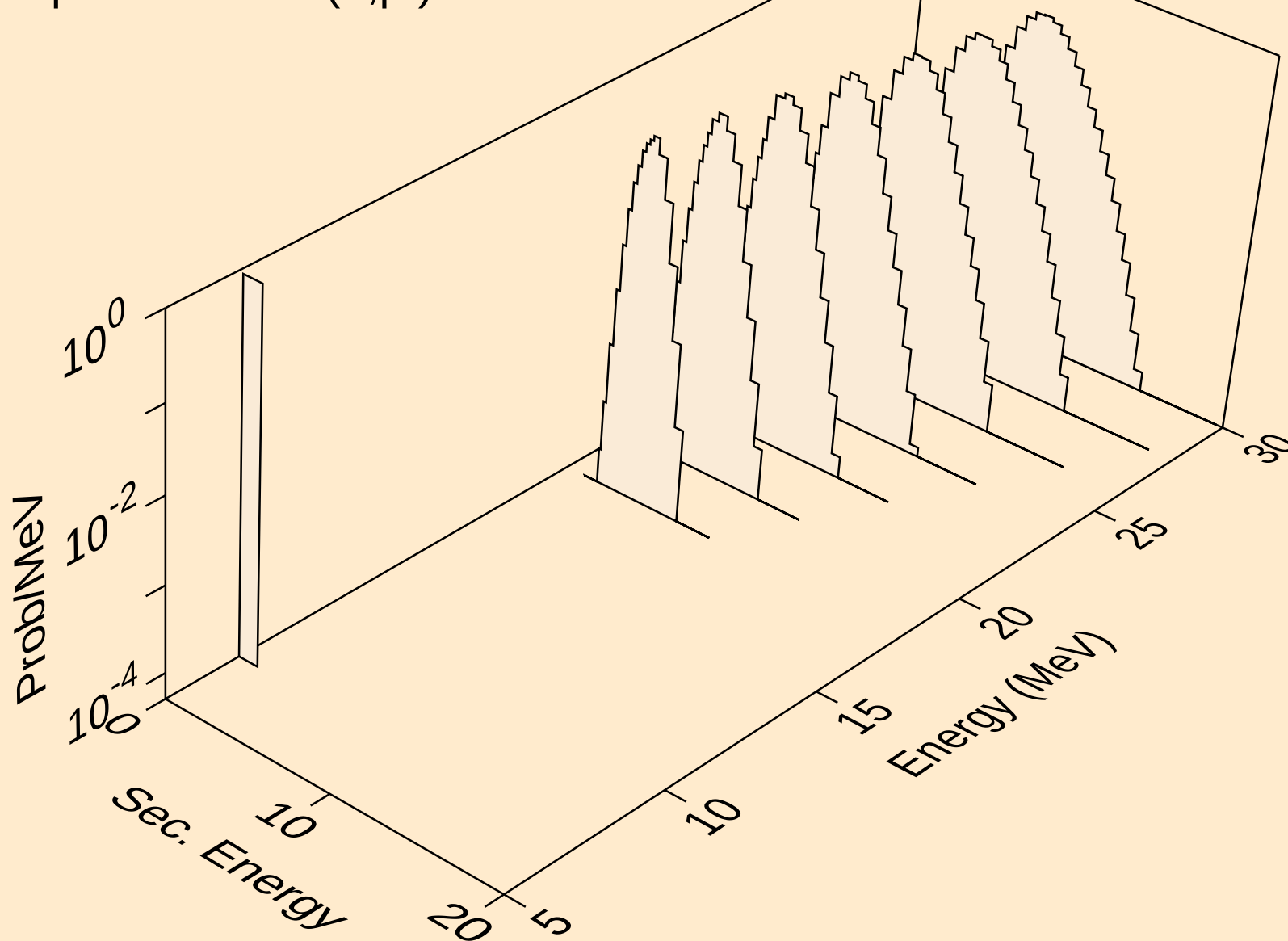
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protons from (n,p)



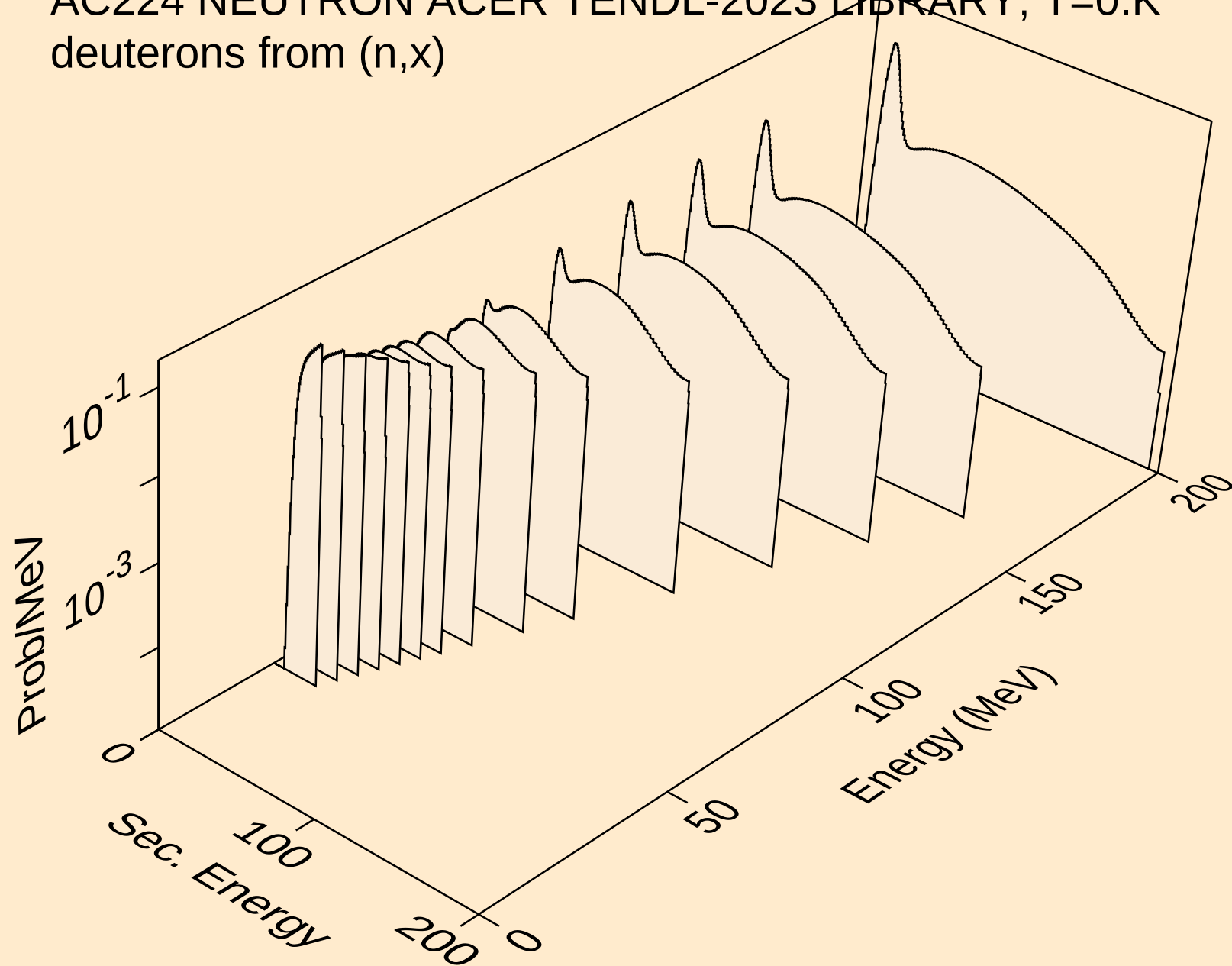
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protons from (n,pd)



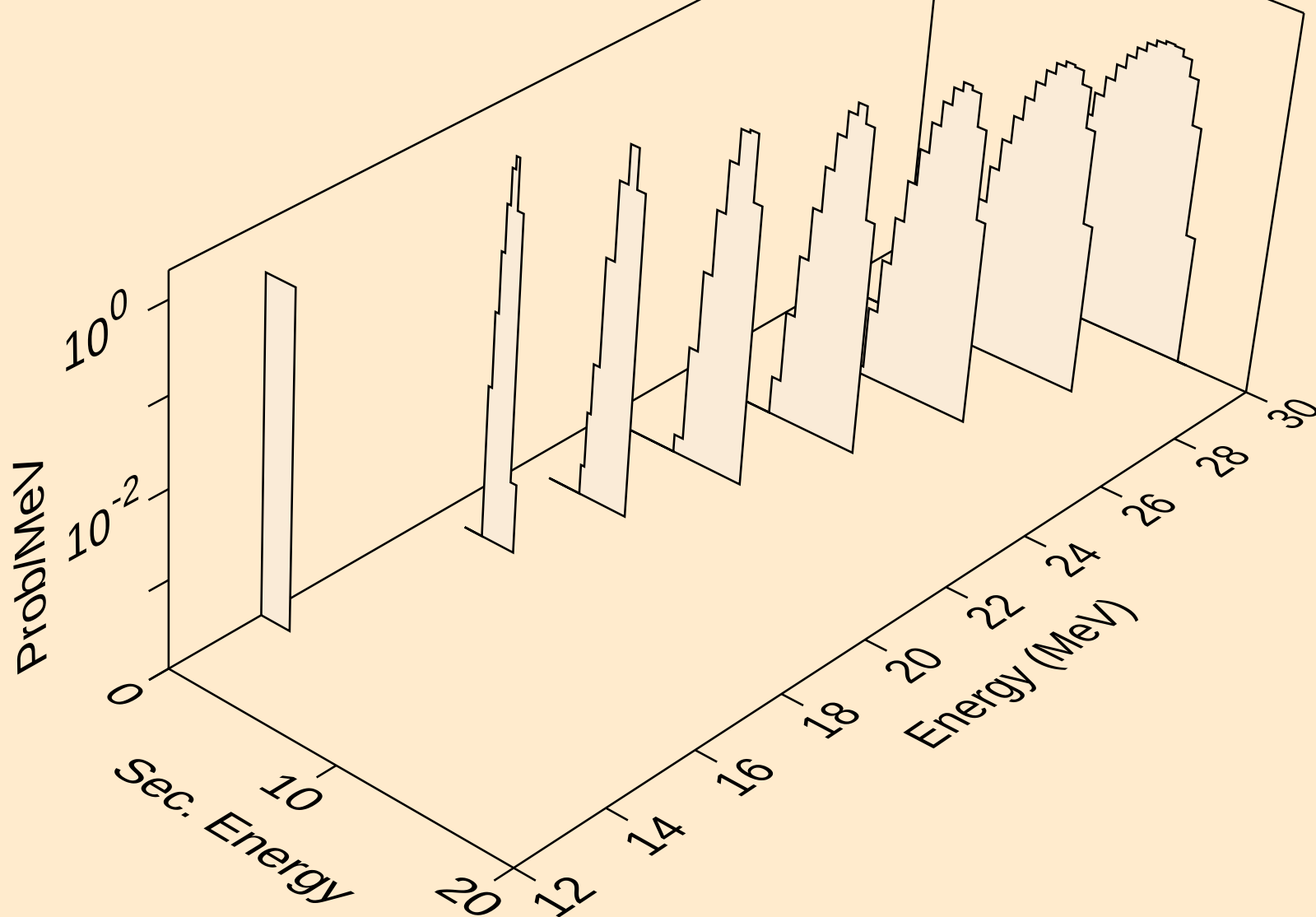
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protons from (n,pt)



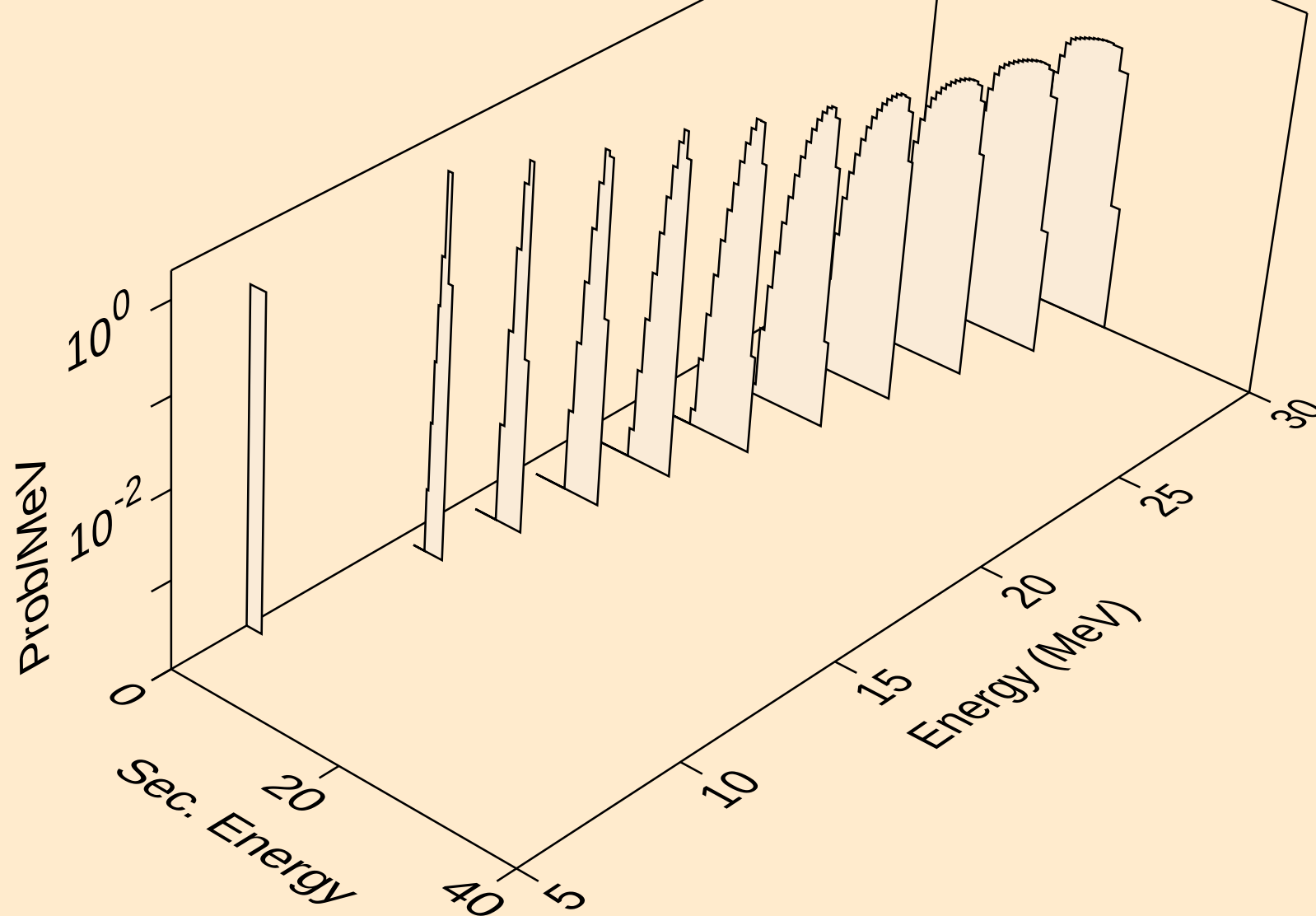
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deuterons from (n,x)



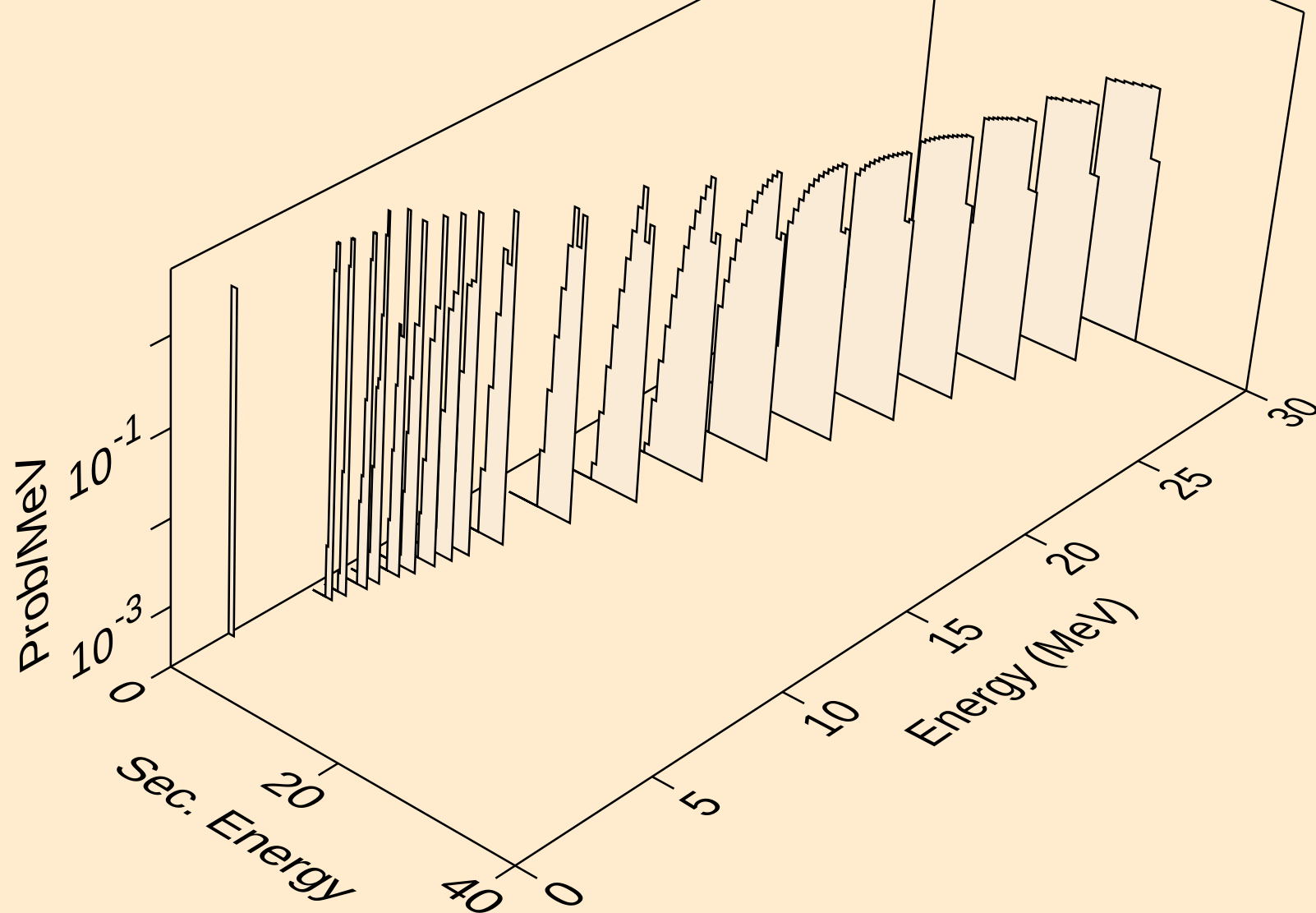
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deuterons from (n,2nd)



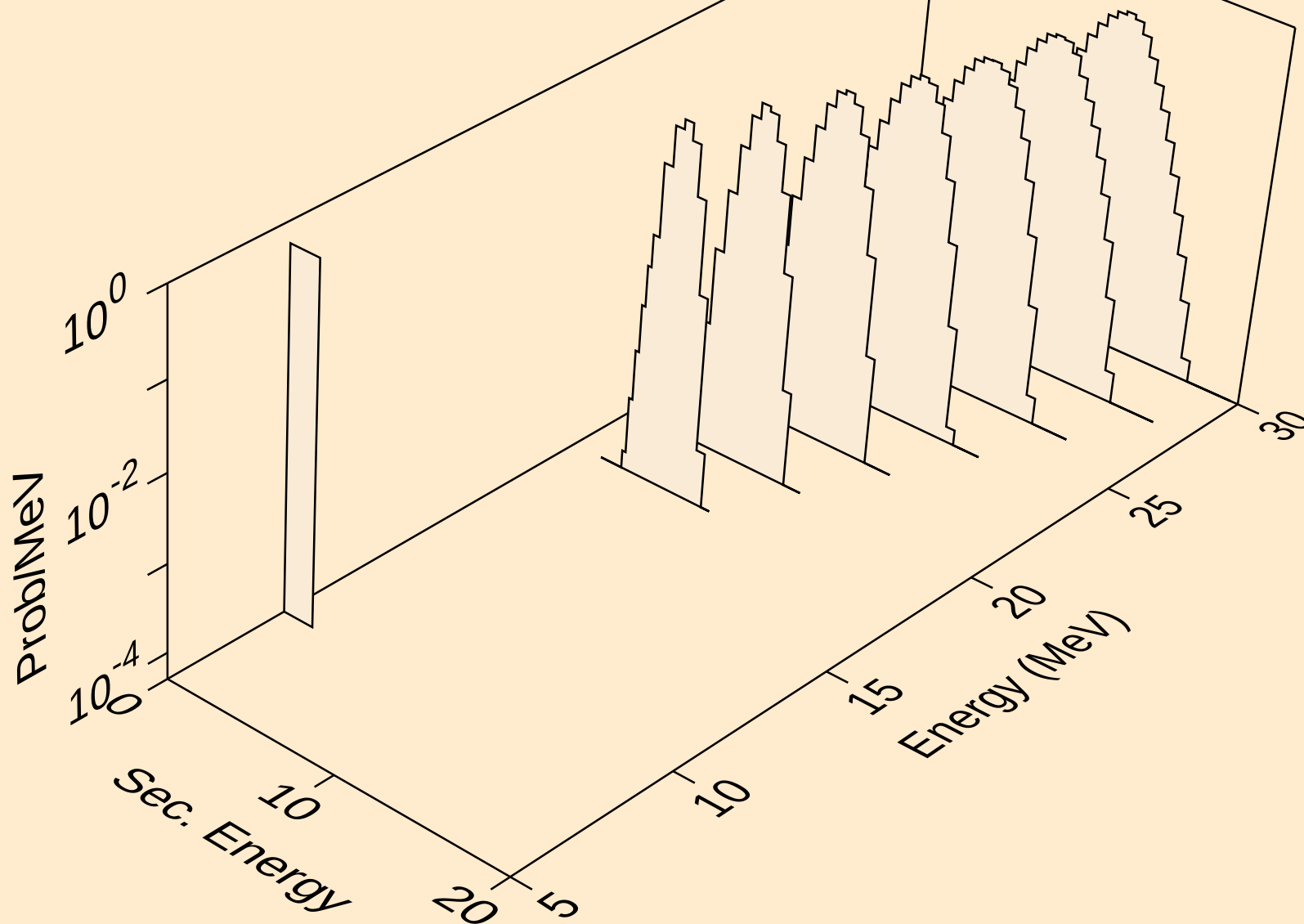
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deuterons from (n,n*)d



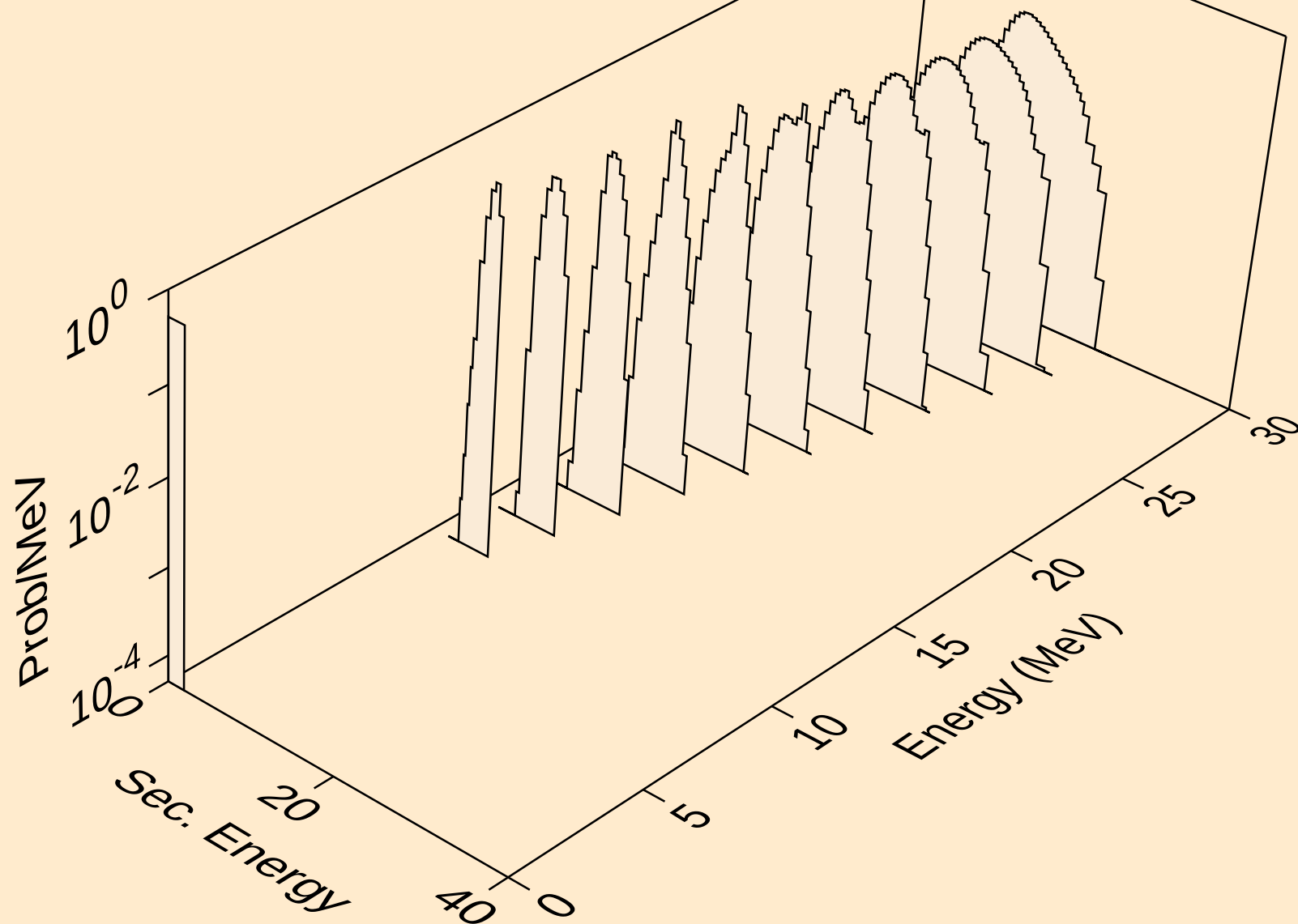
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deuterons from (n,d)



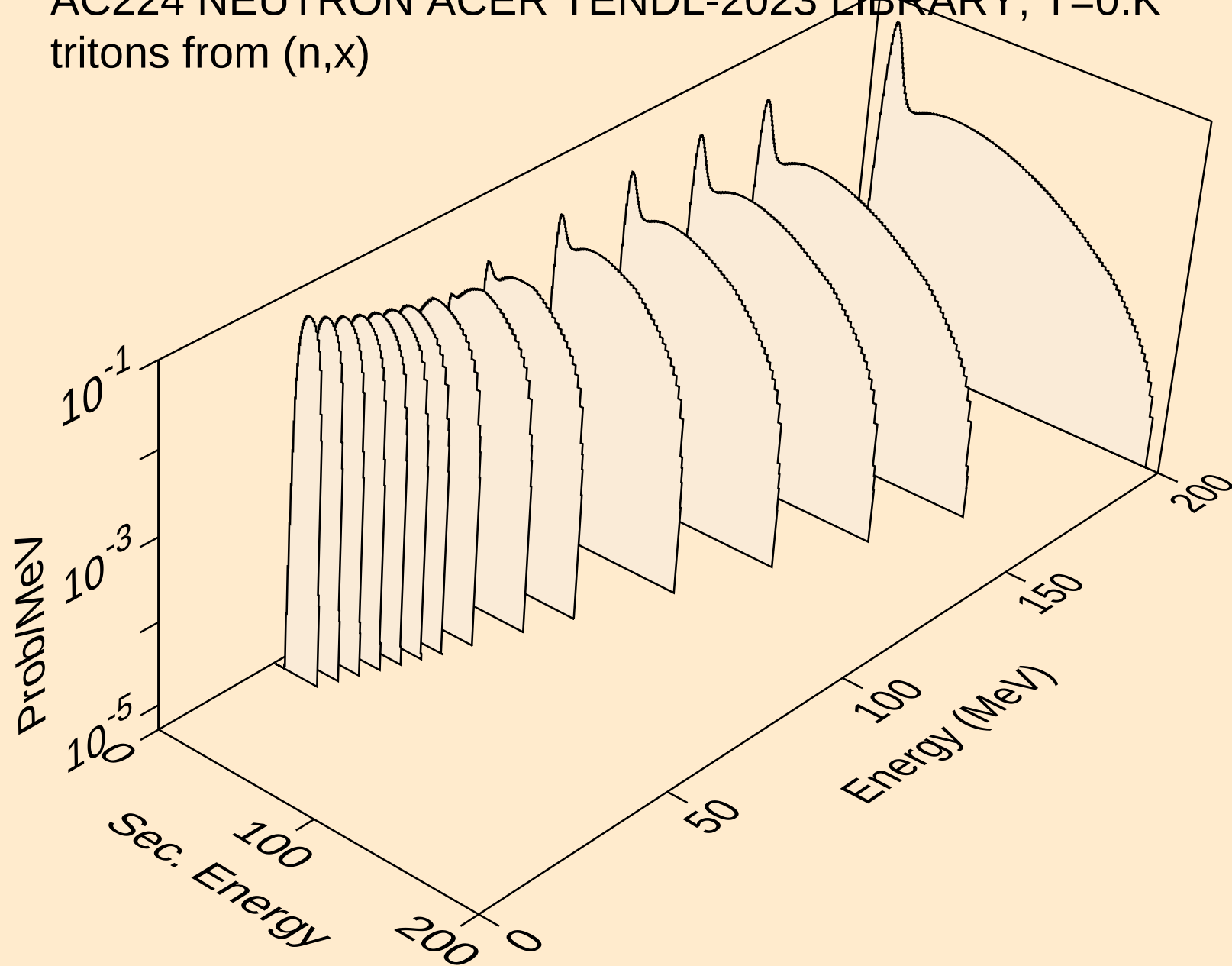
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deuterons from (n,pd)



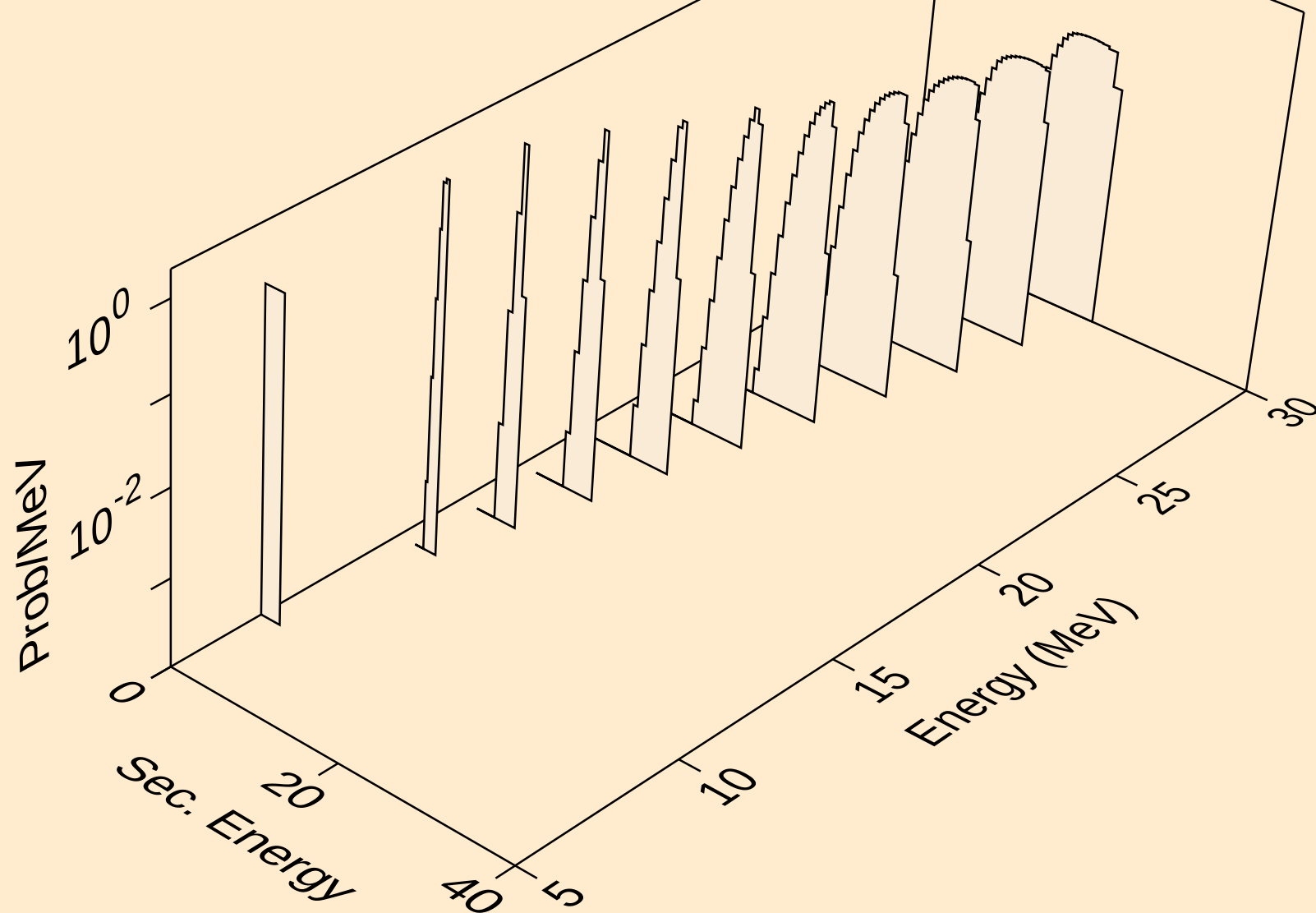
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deuterons from (n,da)



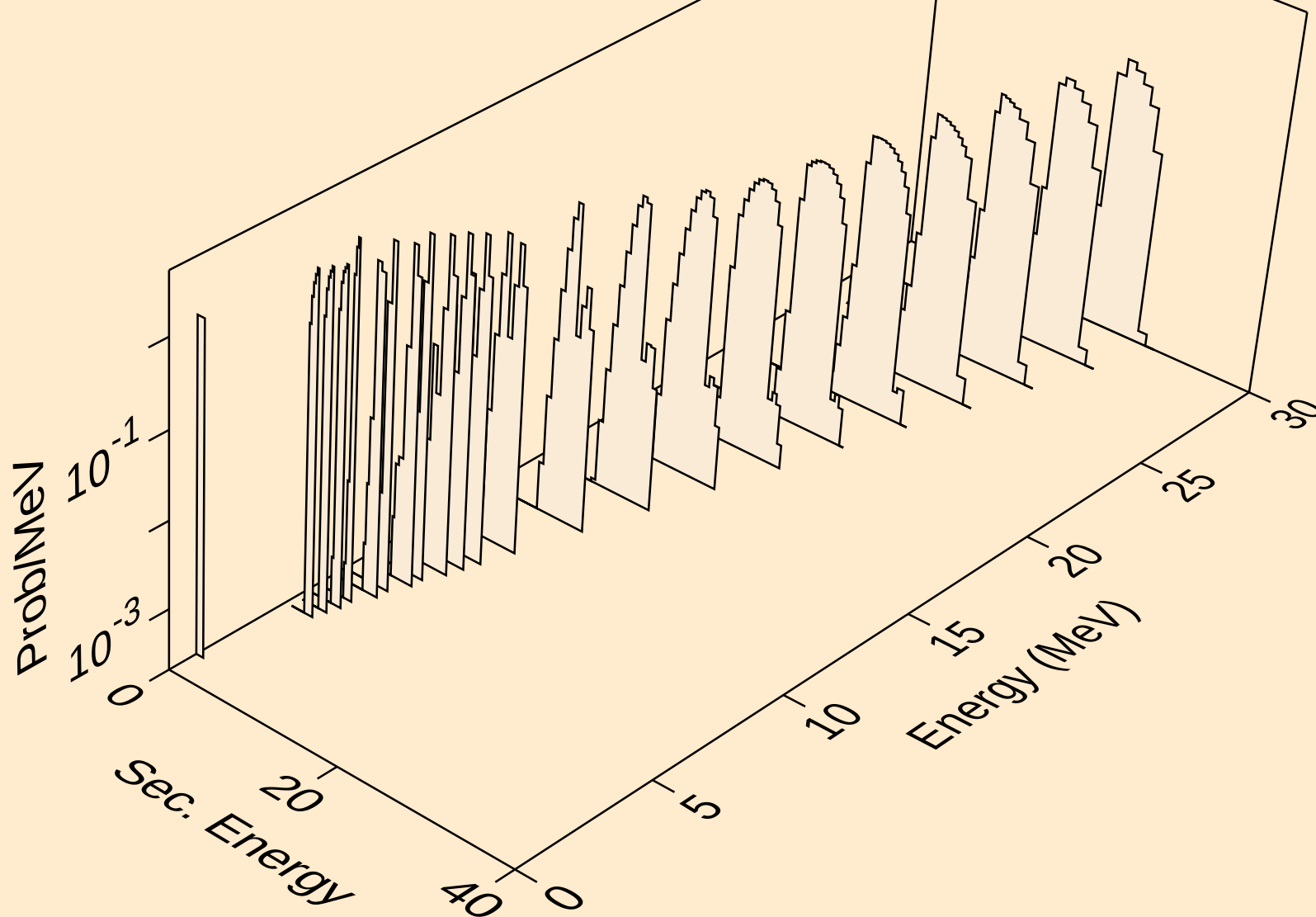
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tritons from (n,x)



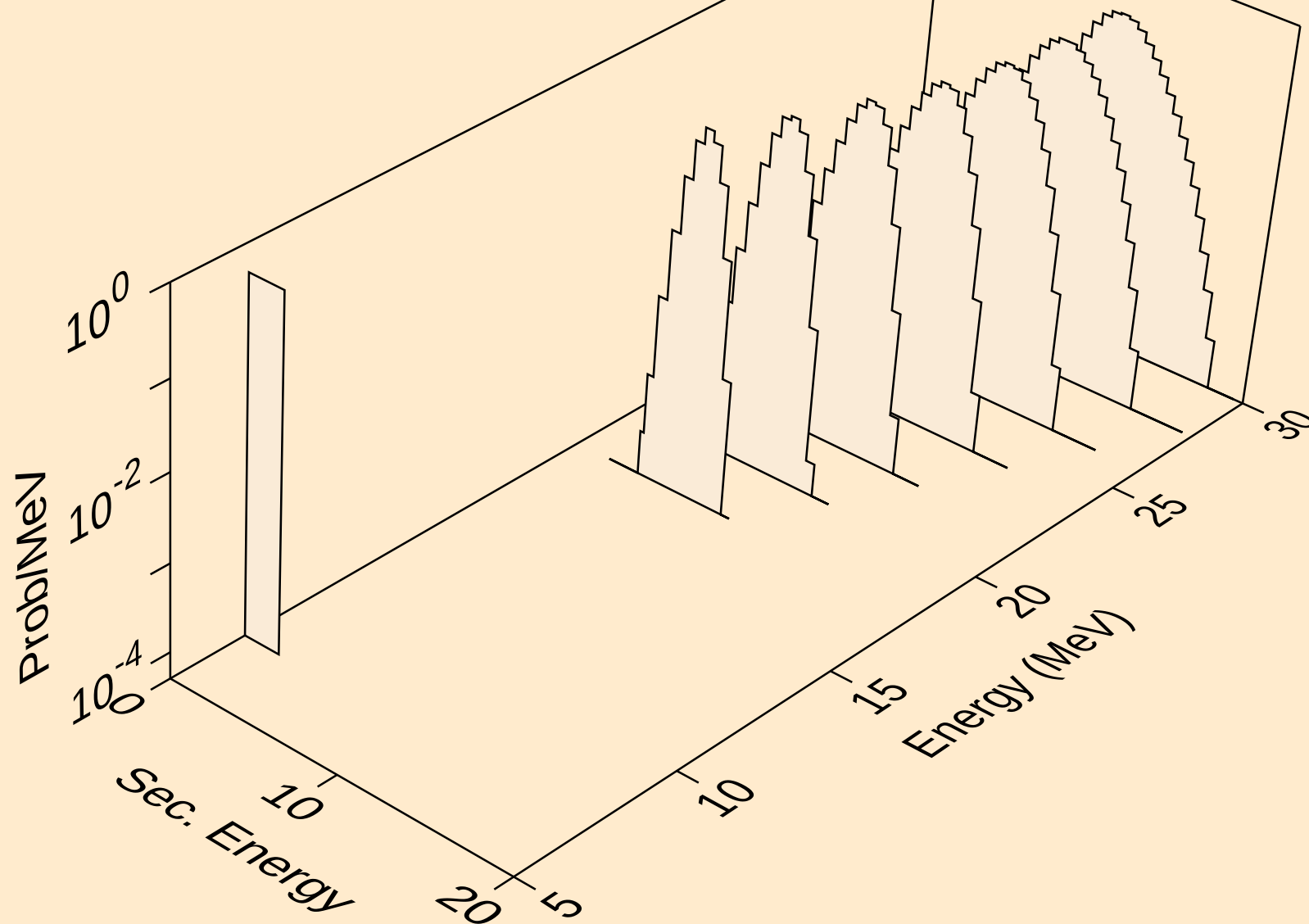
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tritons from (n,n*)t



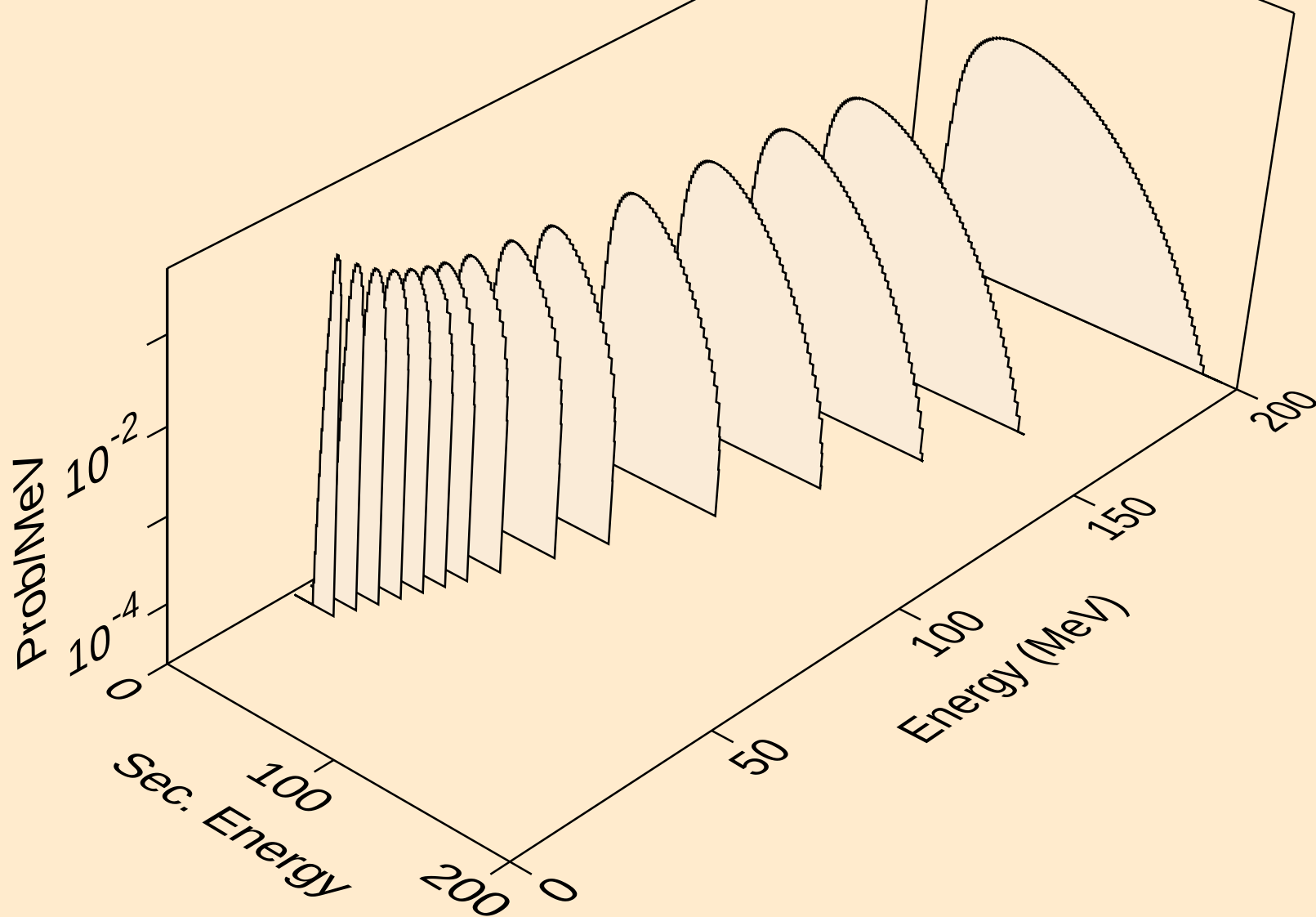
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tritons from (n,t)



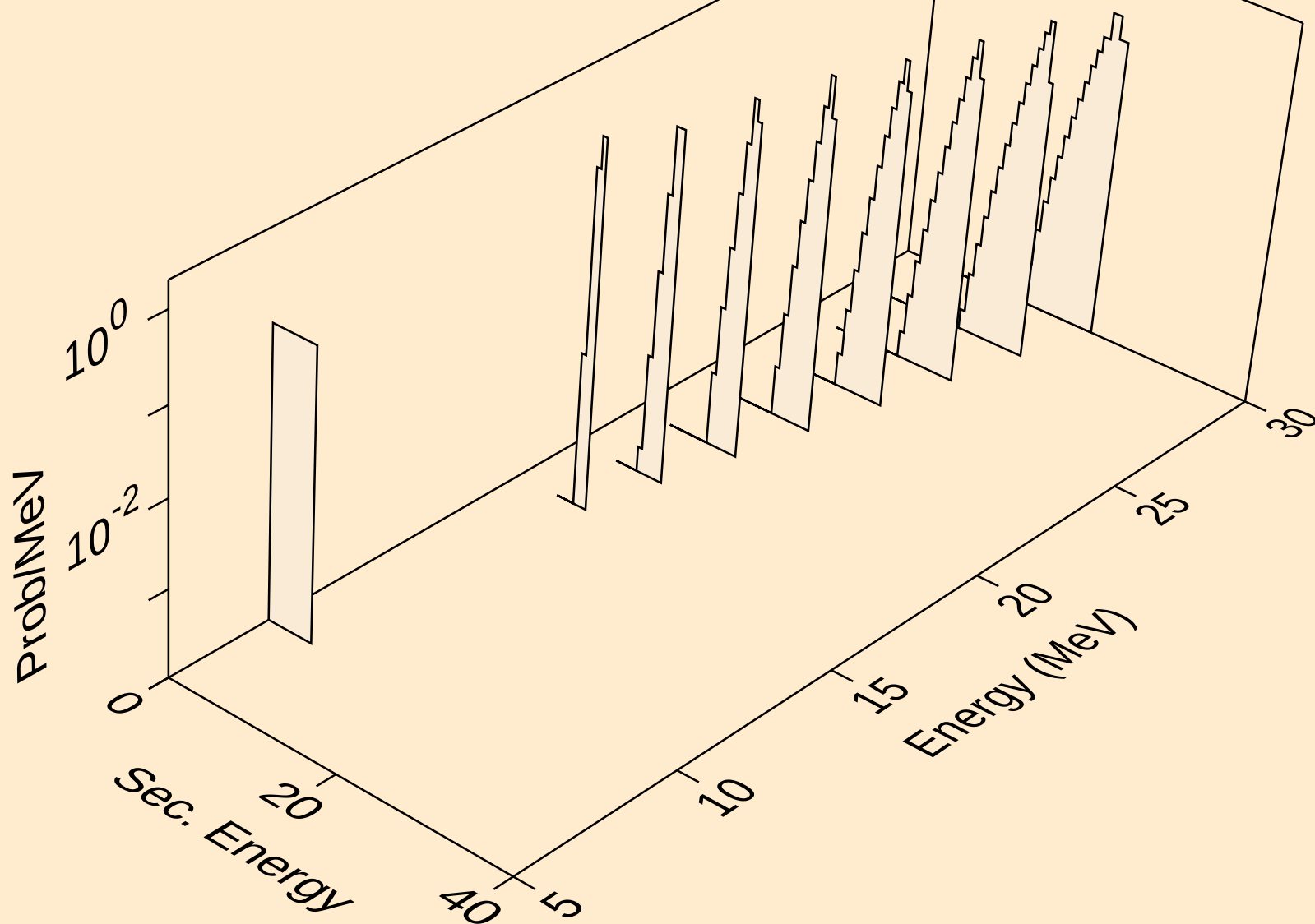
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tritons from (n,pt)



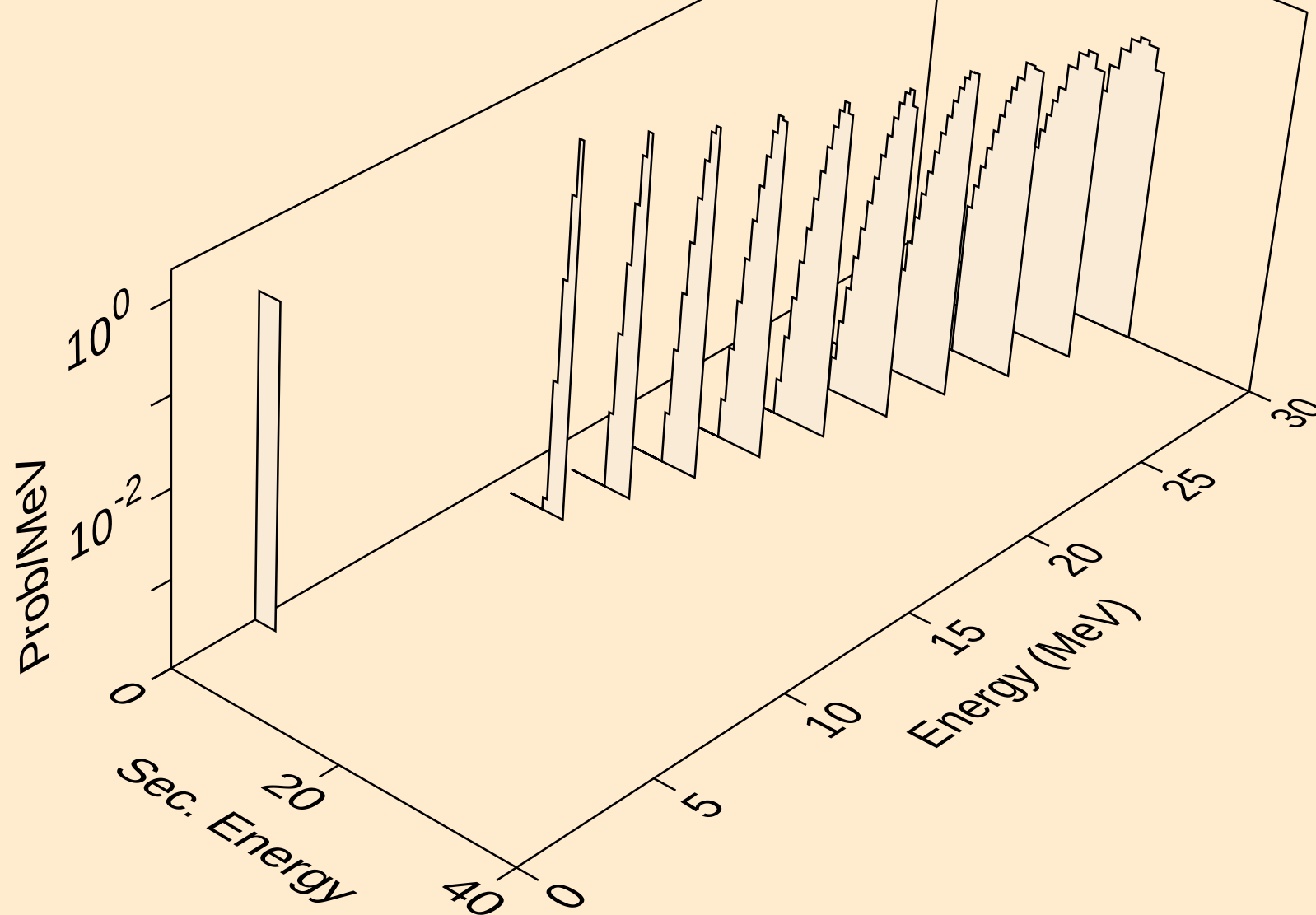
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he3s from (n,x)



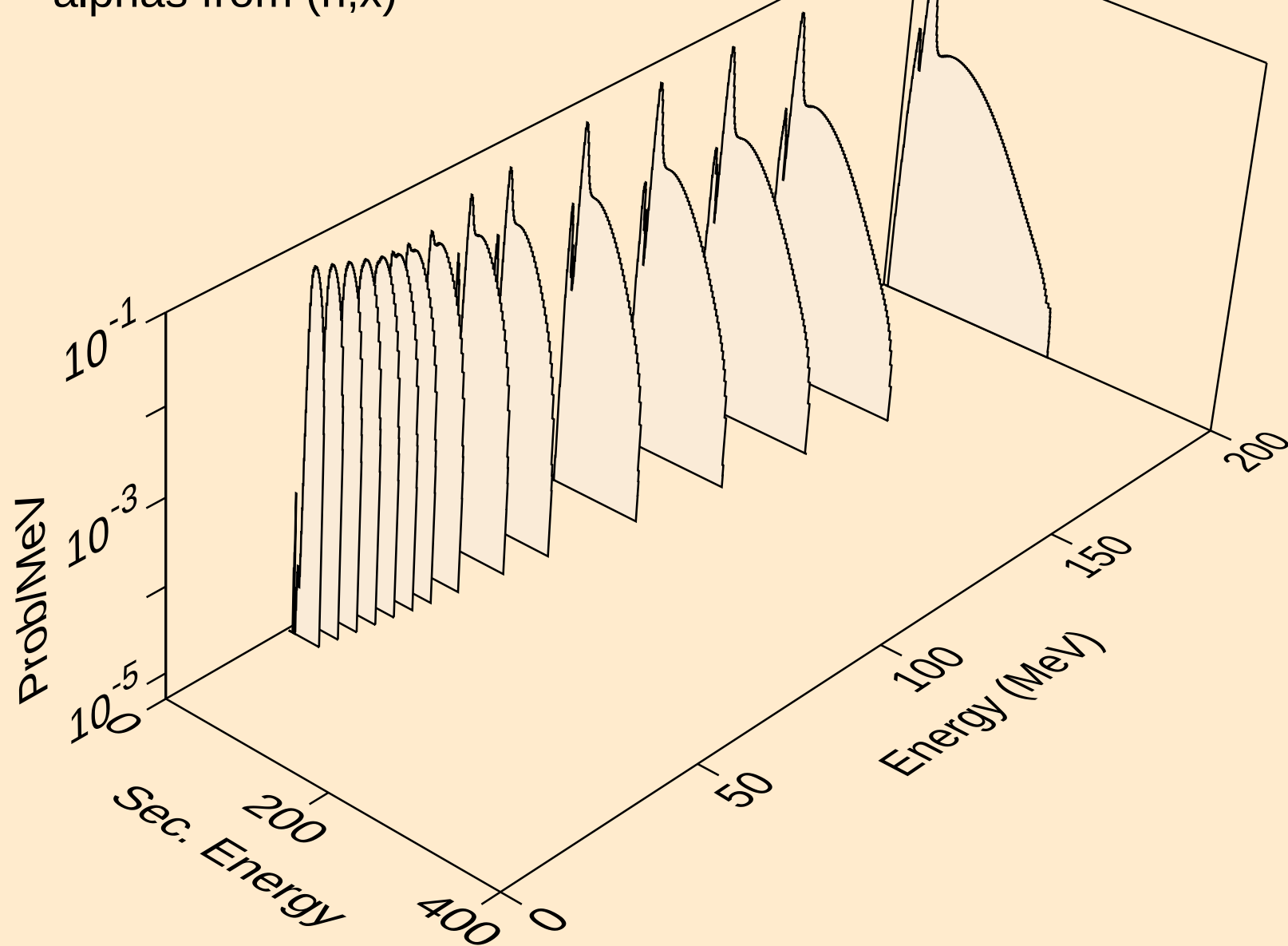
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he3s from (n,n*)he3



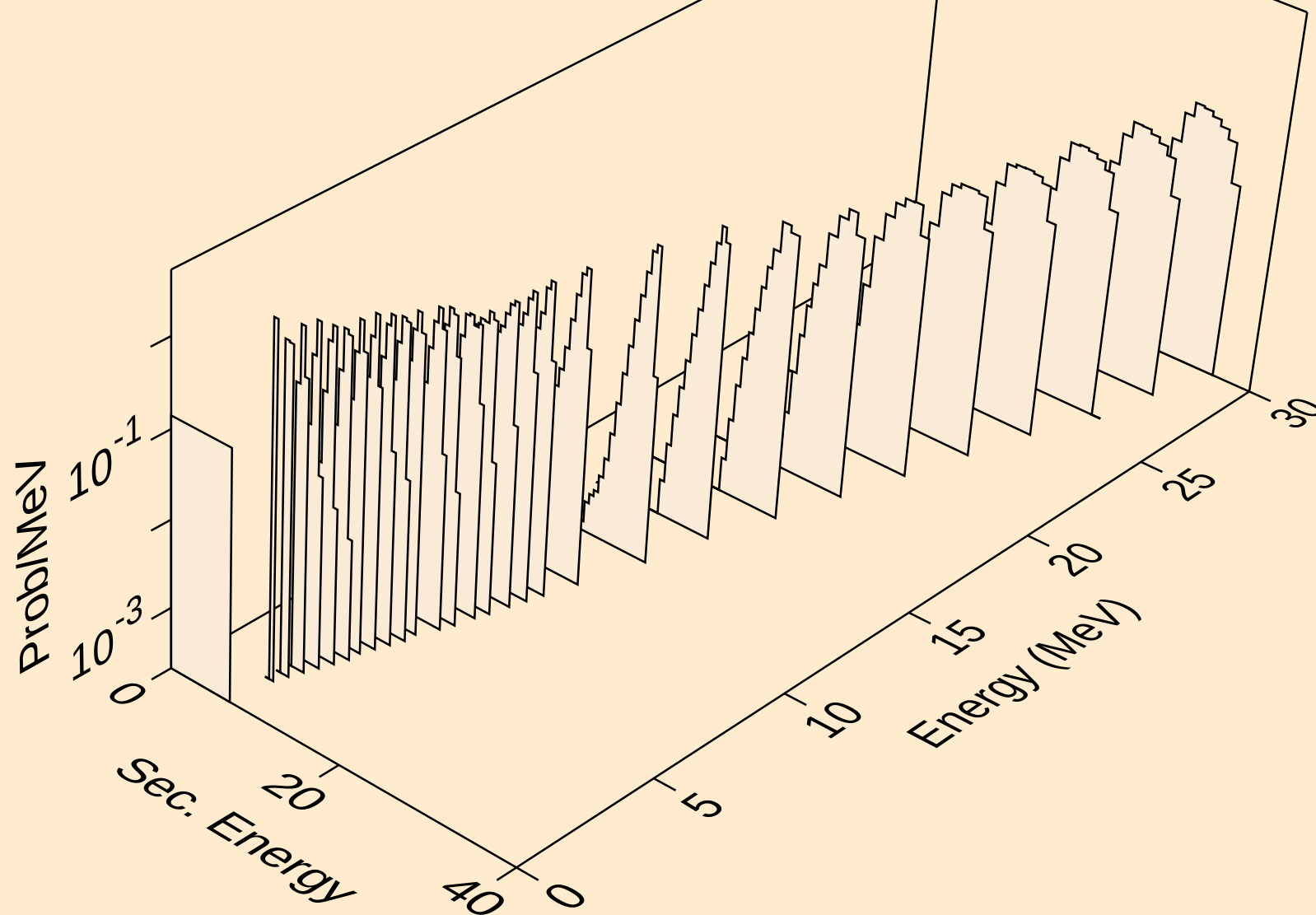
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he3s from (n,he3)



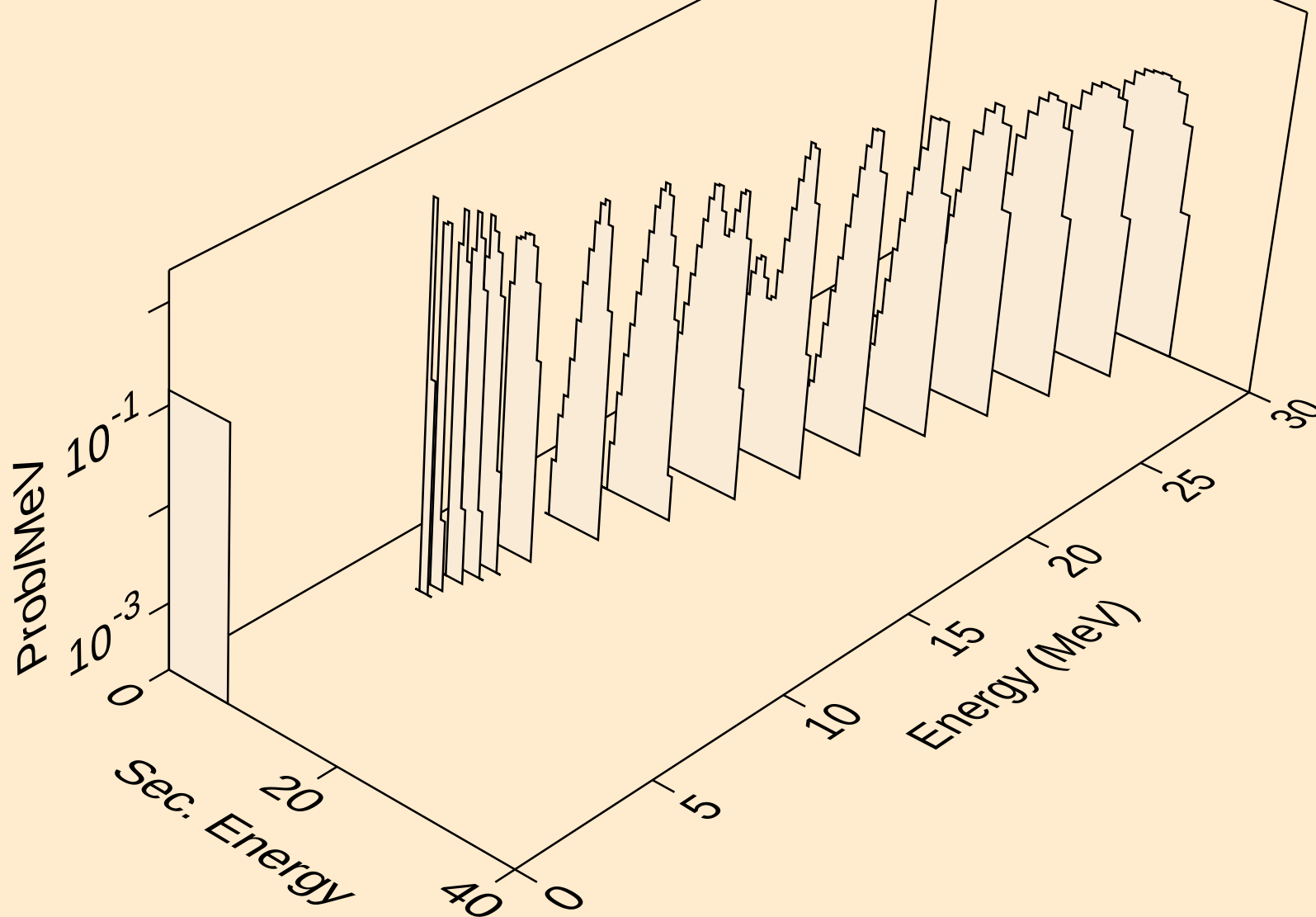
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alphas from (n,x)



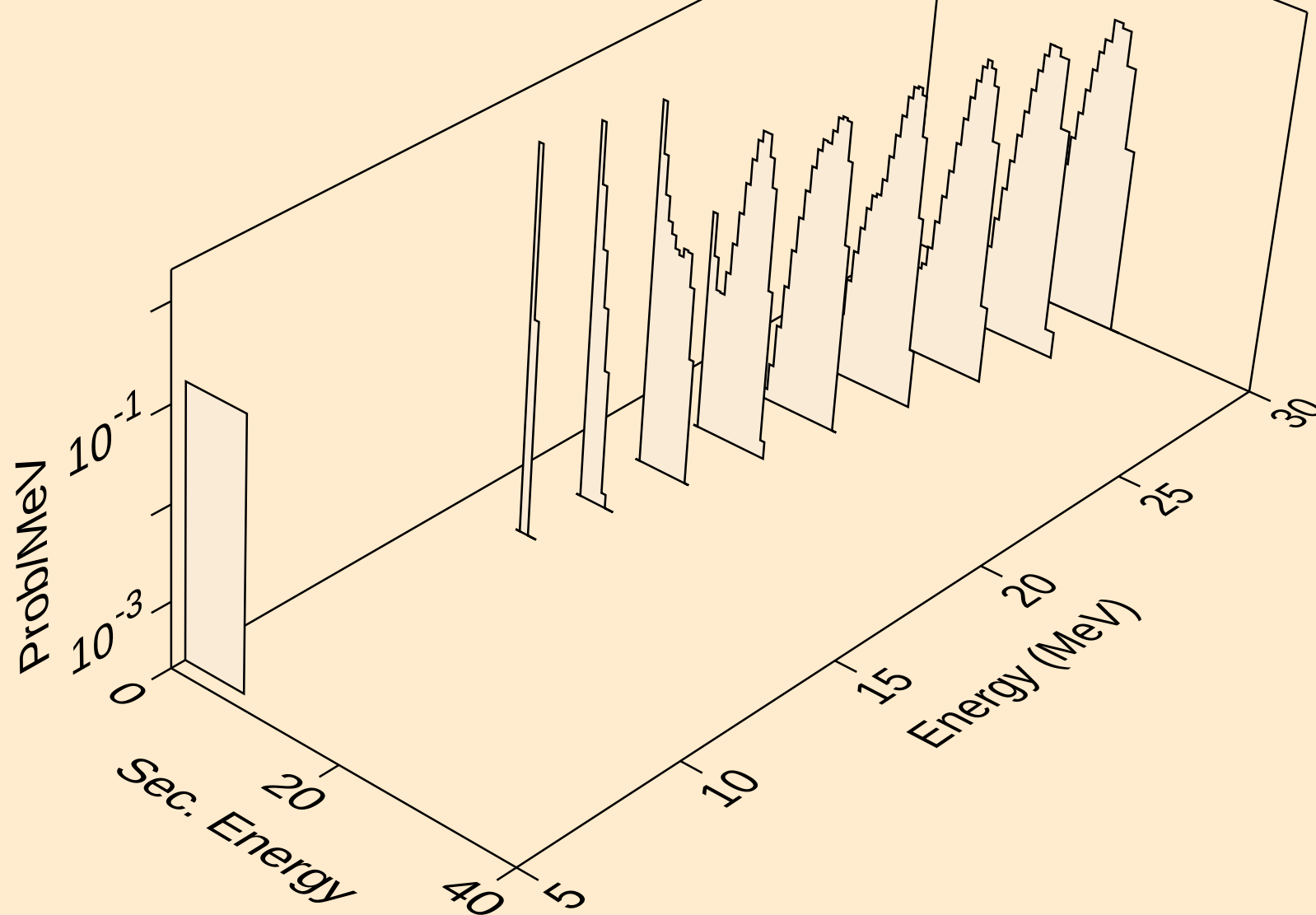
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alphas from (n,n*)a



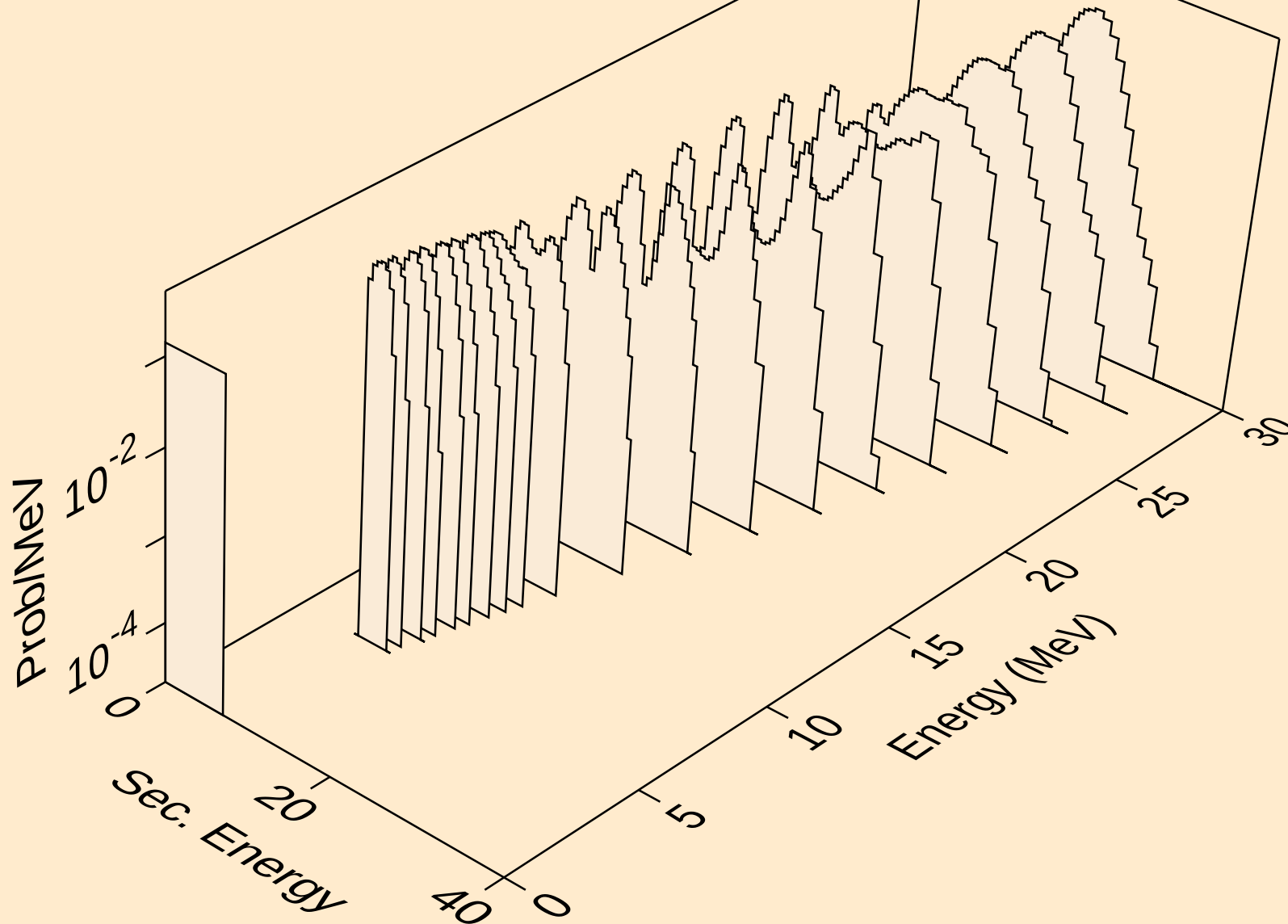
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alphas from (n,2n)a



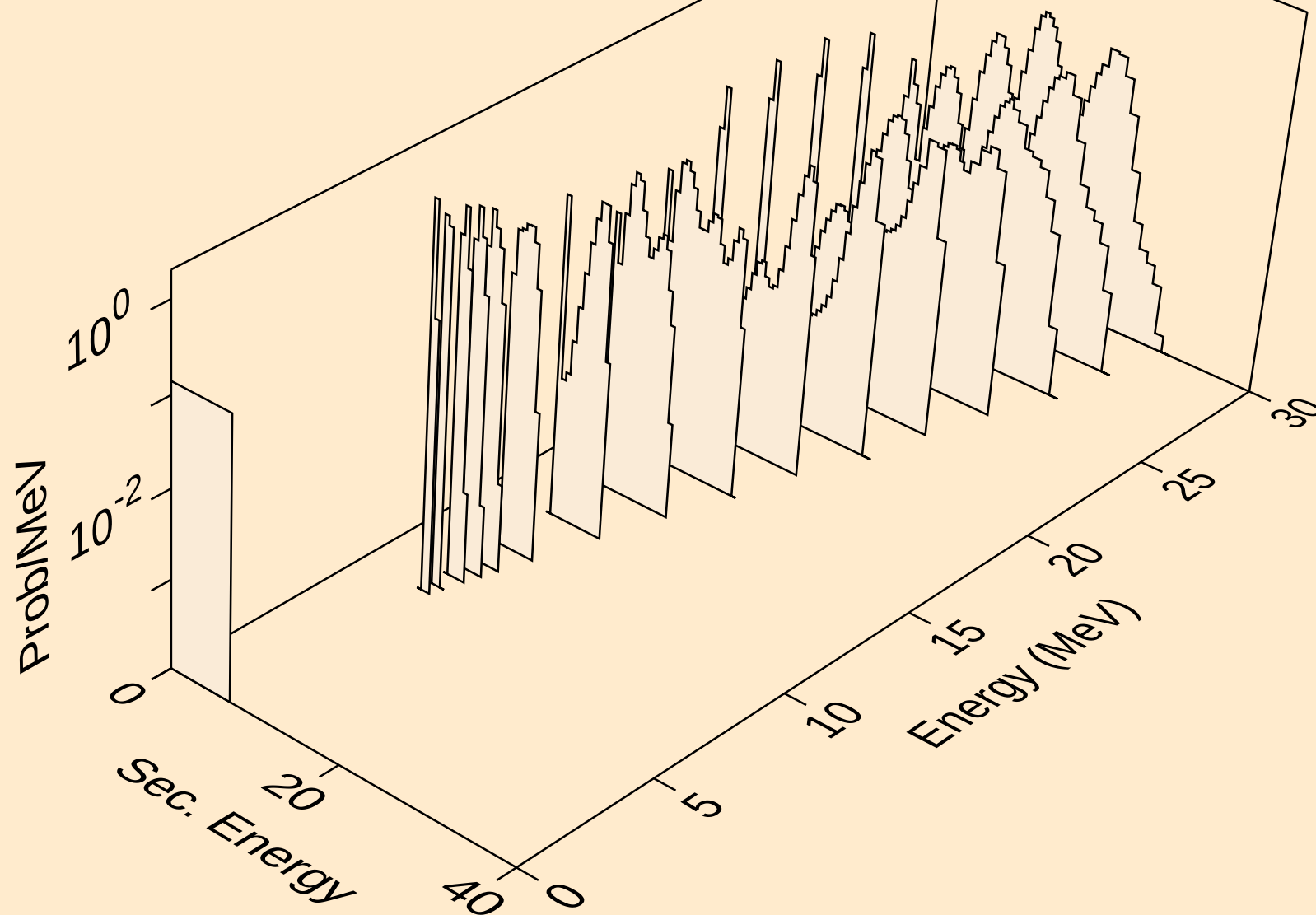
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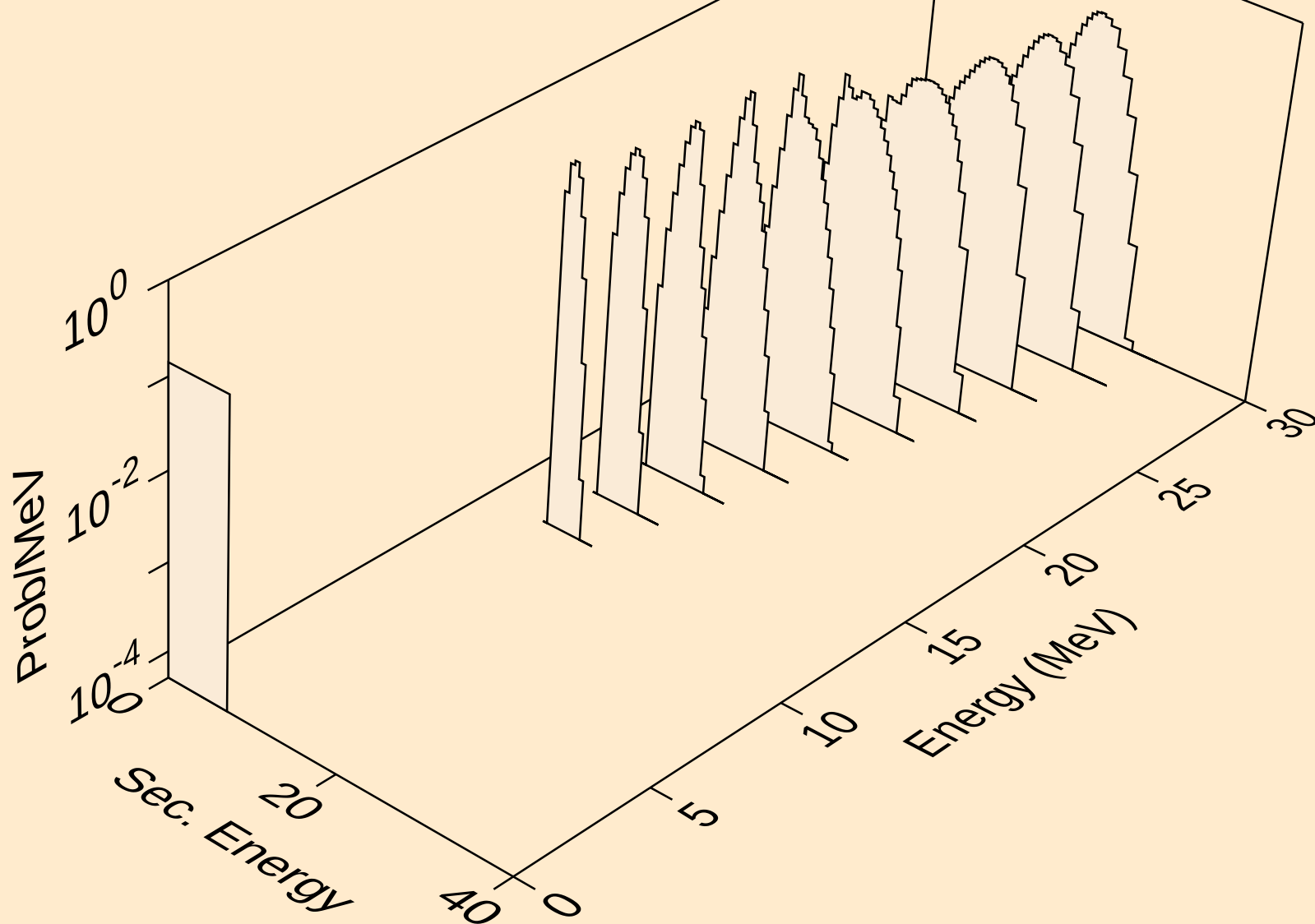
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alphas from (n,n*)2a



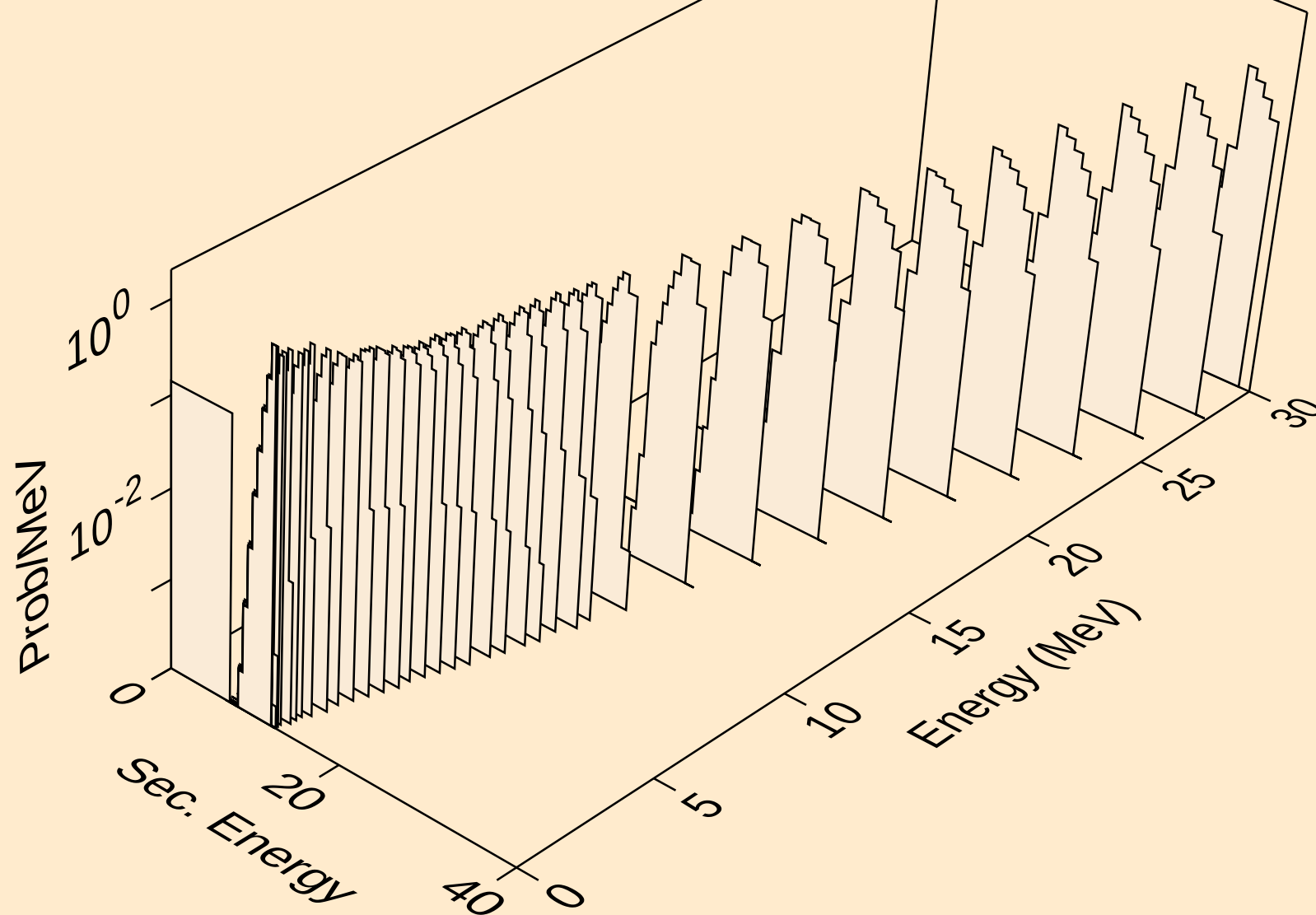
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alphas from (n,2n)2a



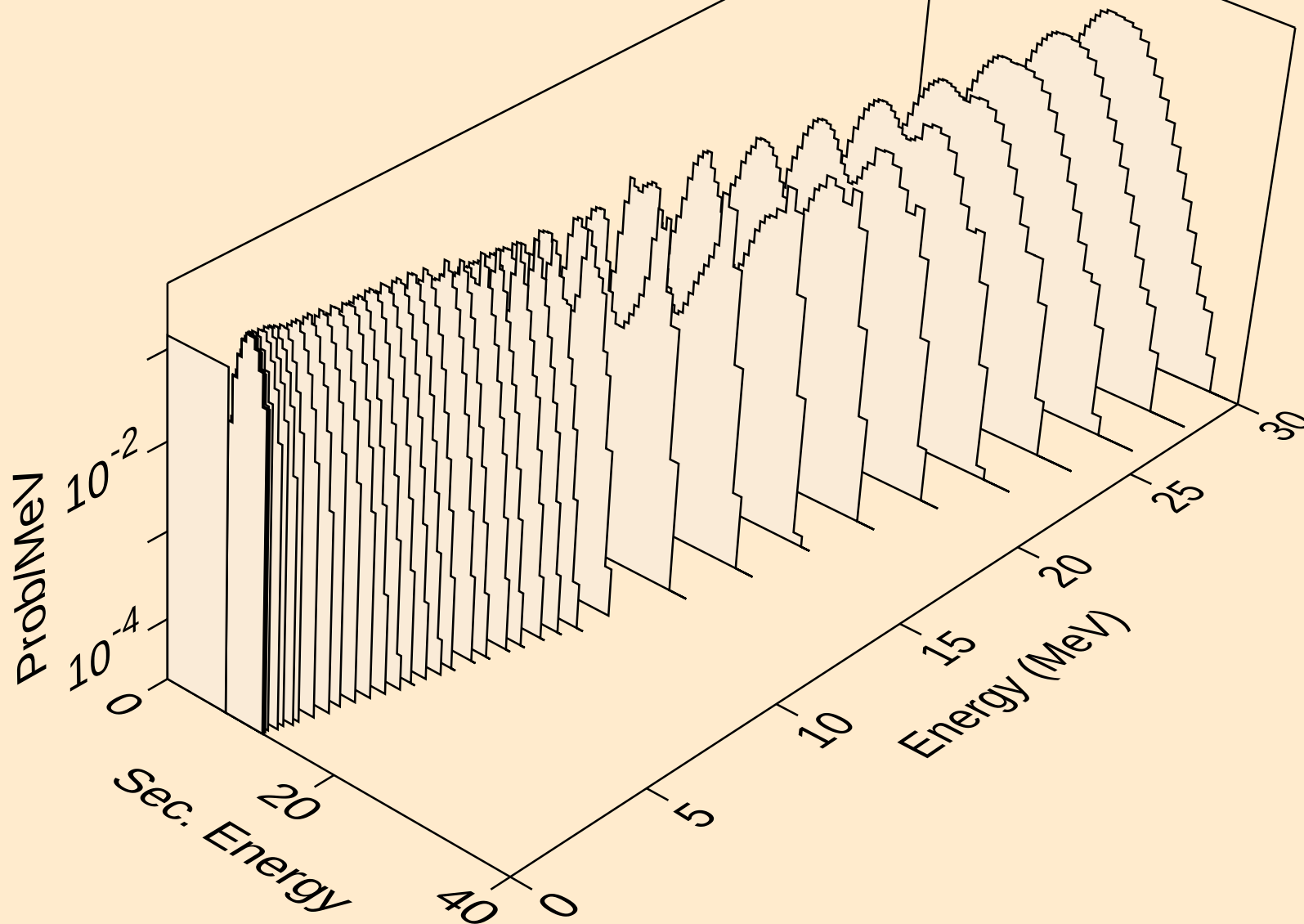
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



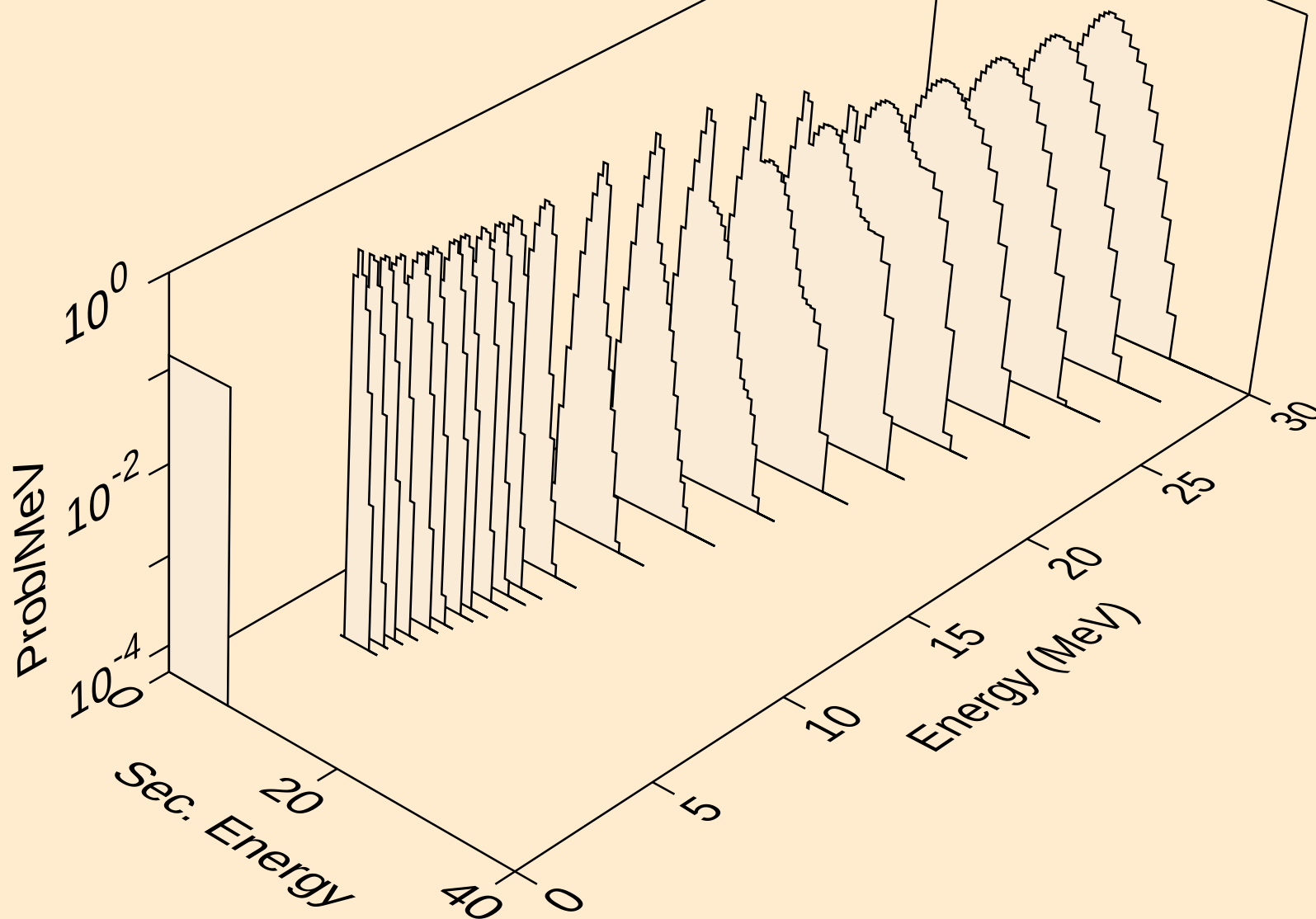
AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



AC224 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

