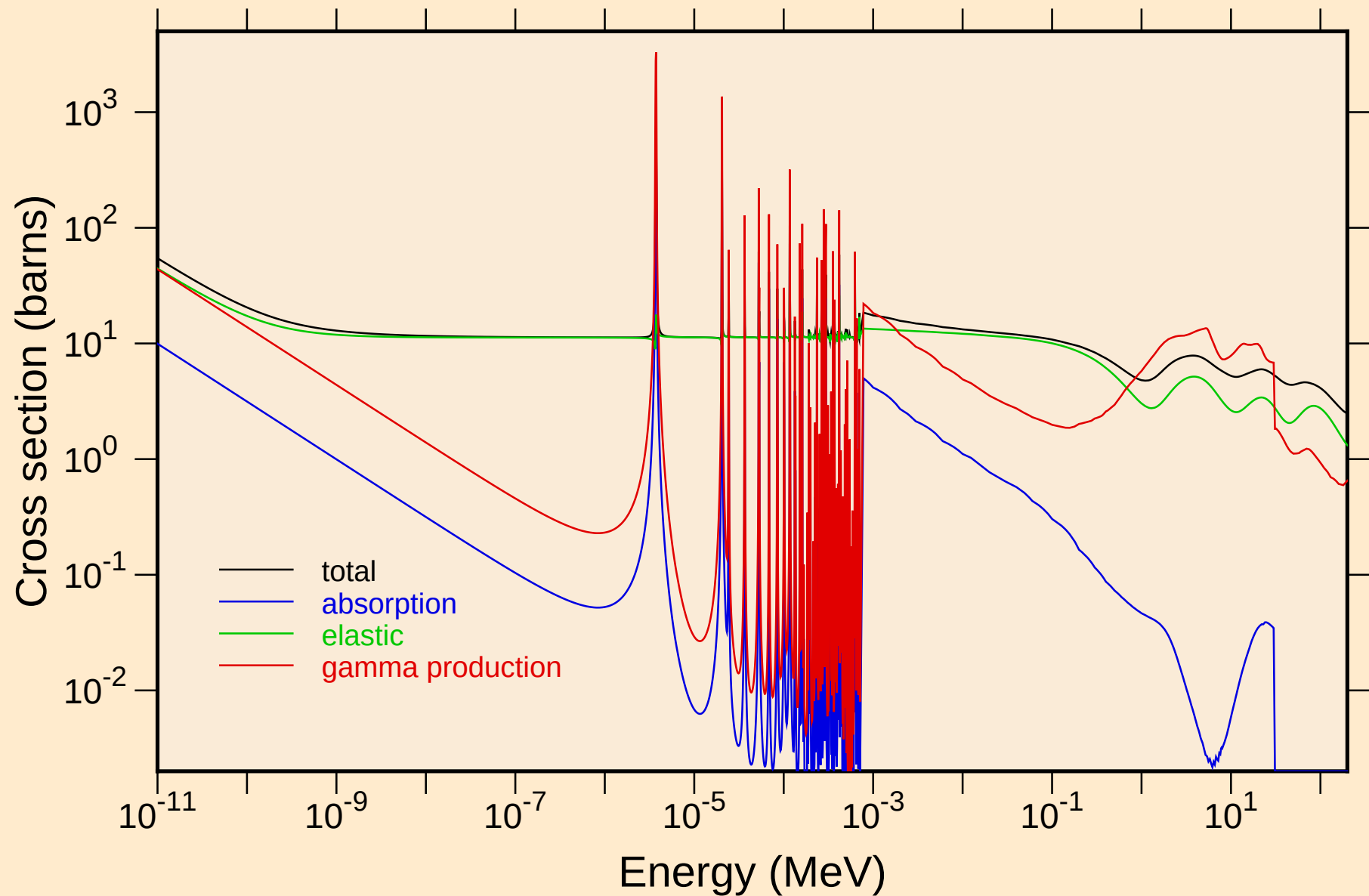
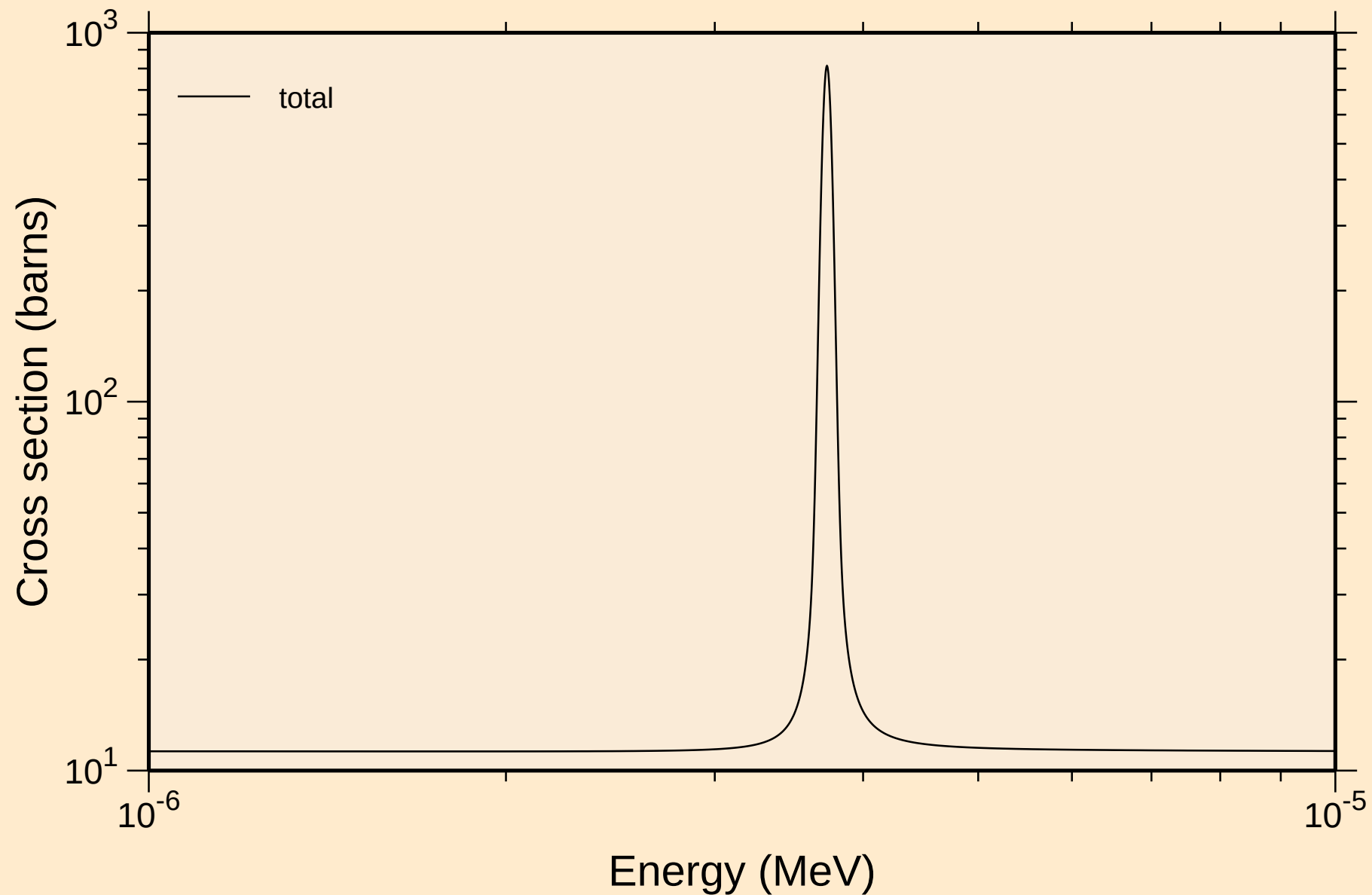


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

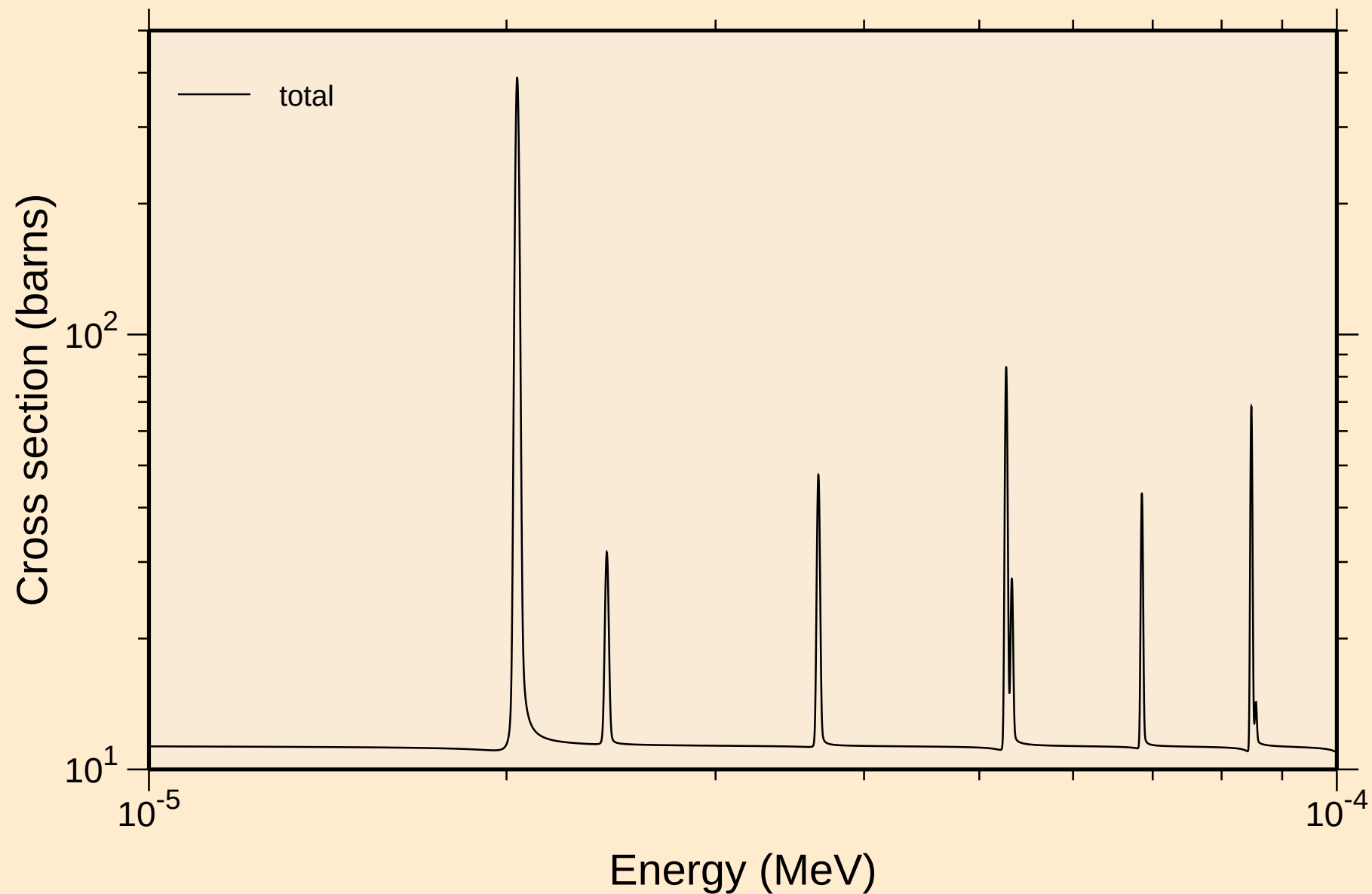
Principal cross sections



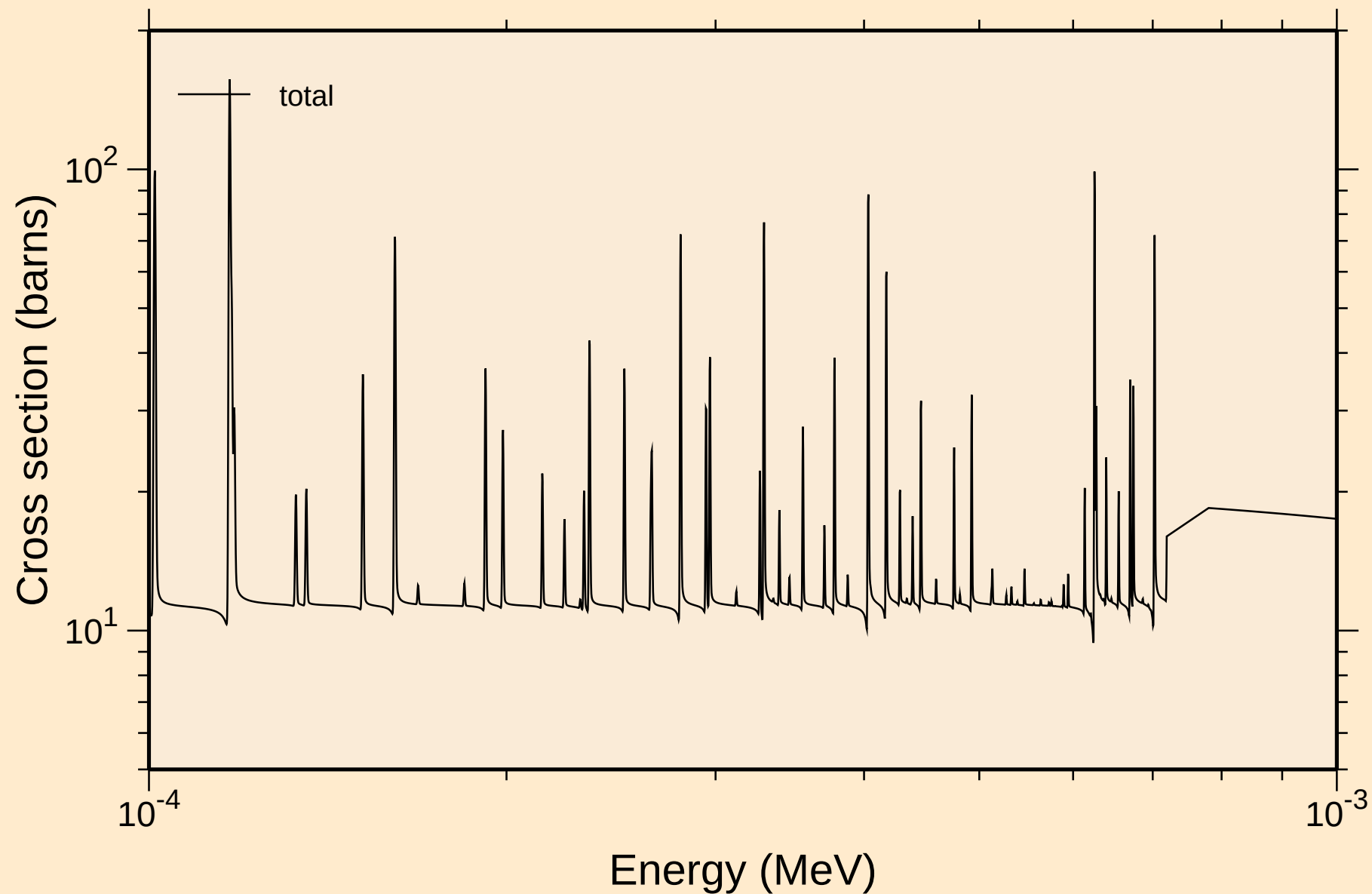
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



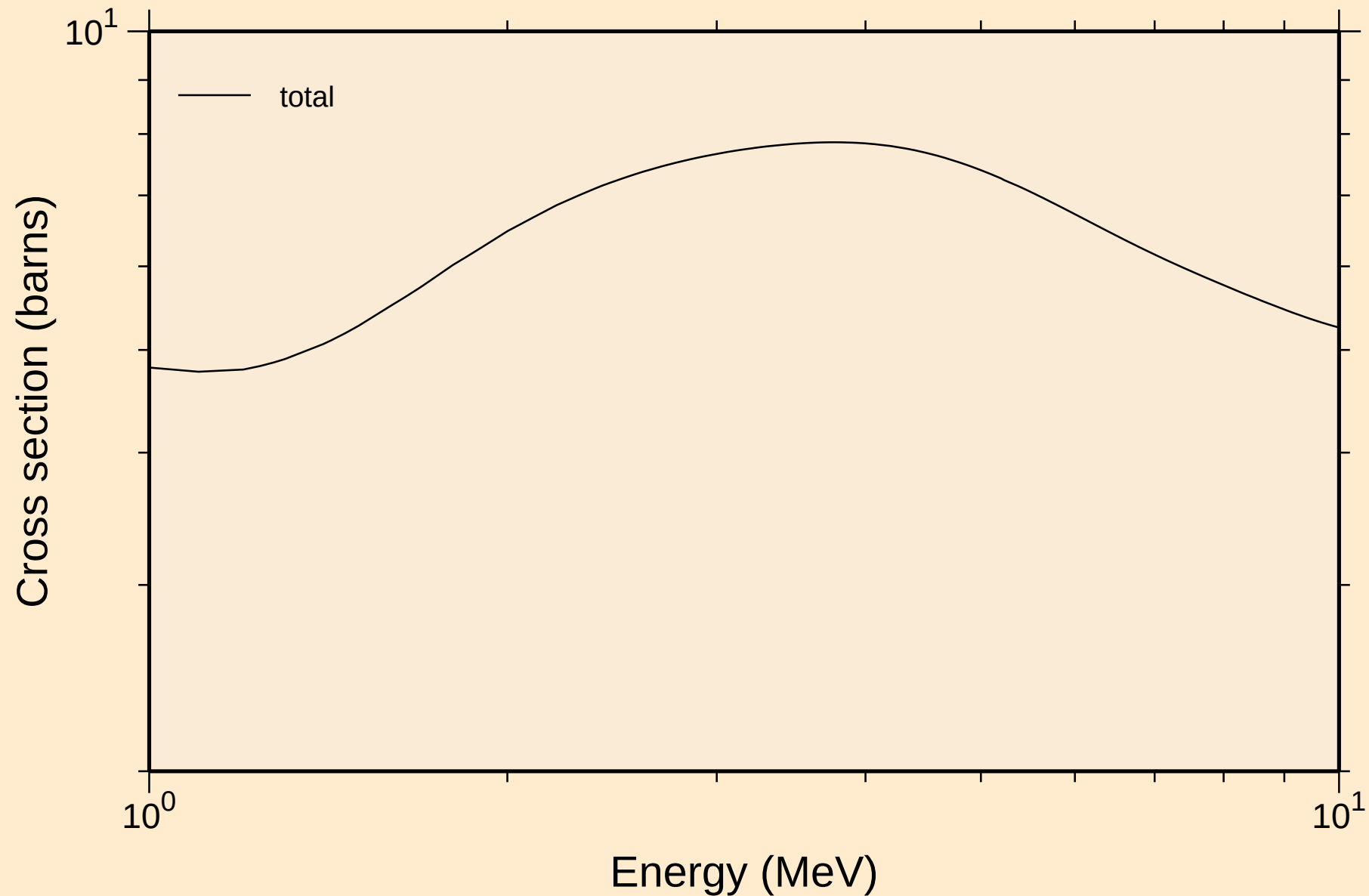
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



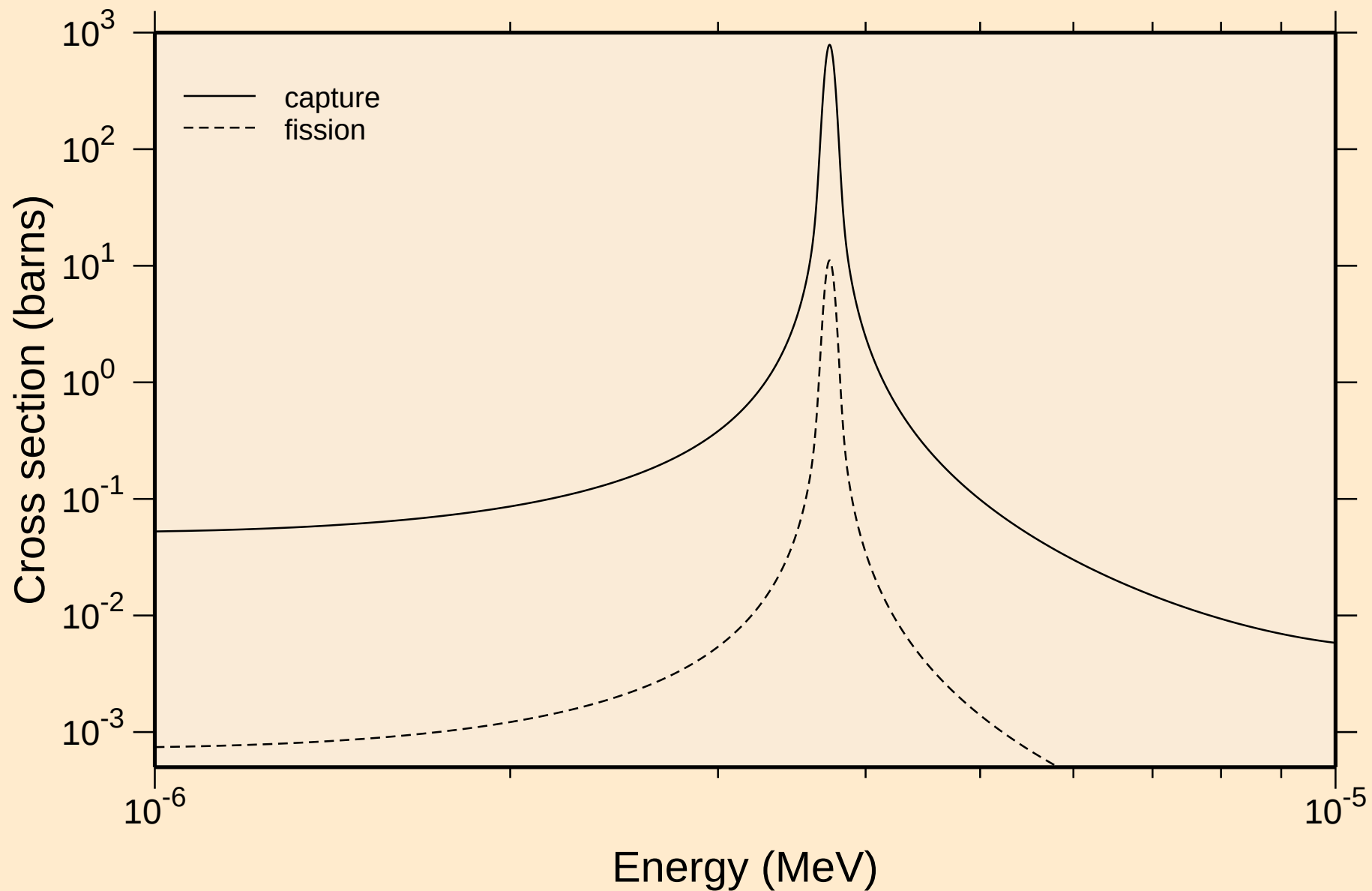
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



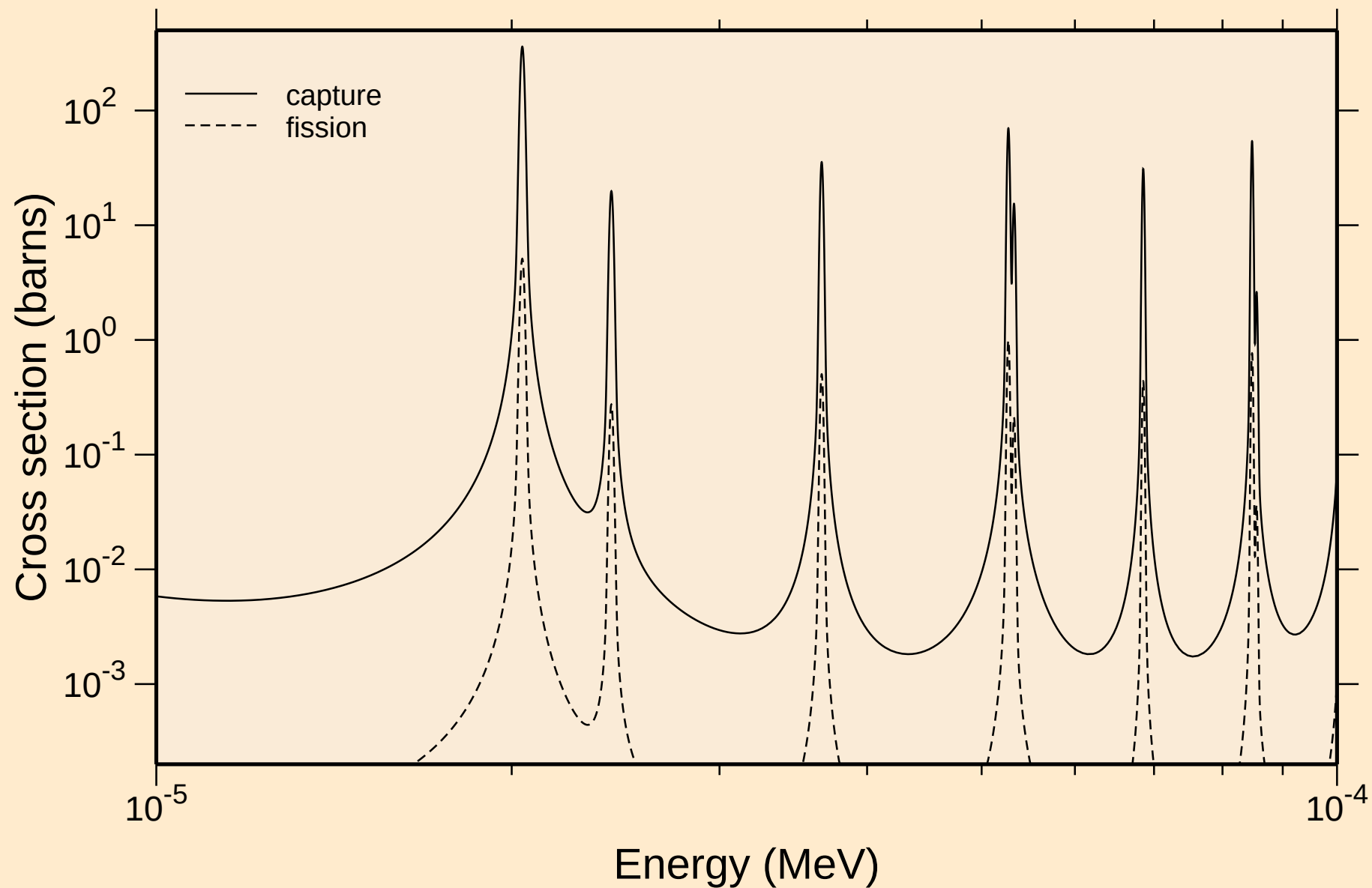
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



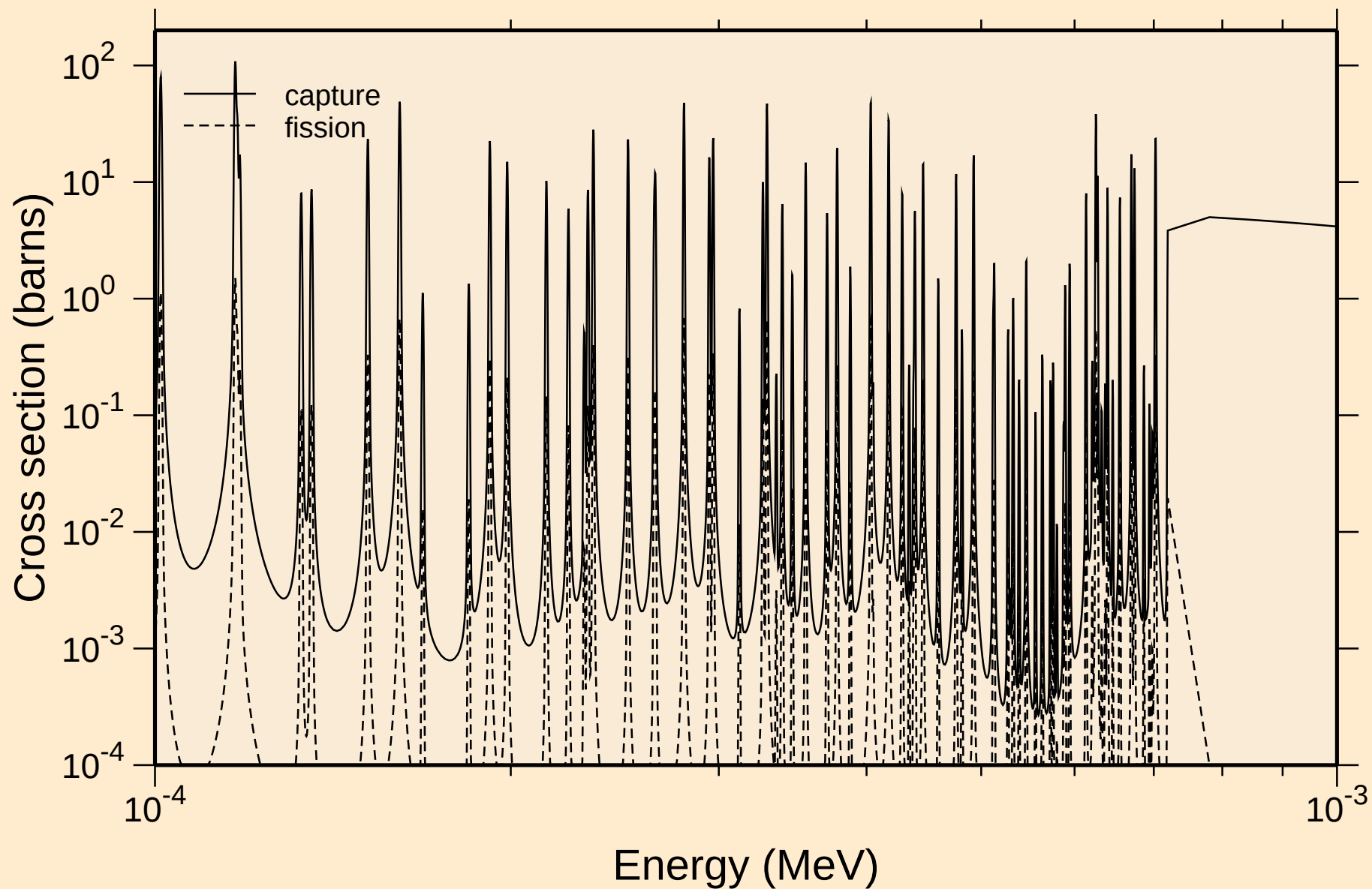
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



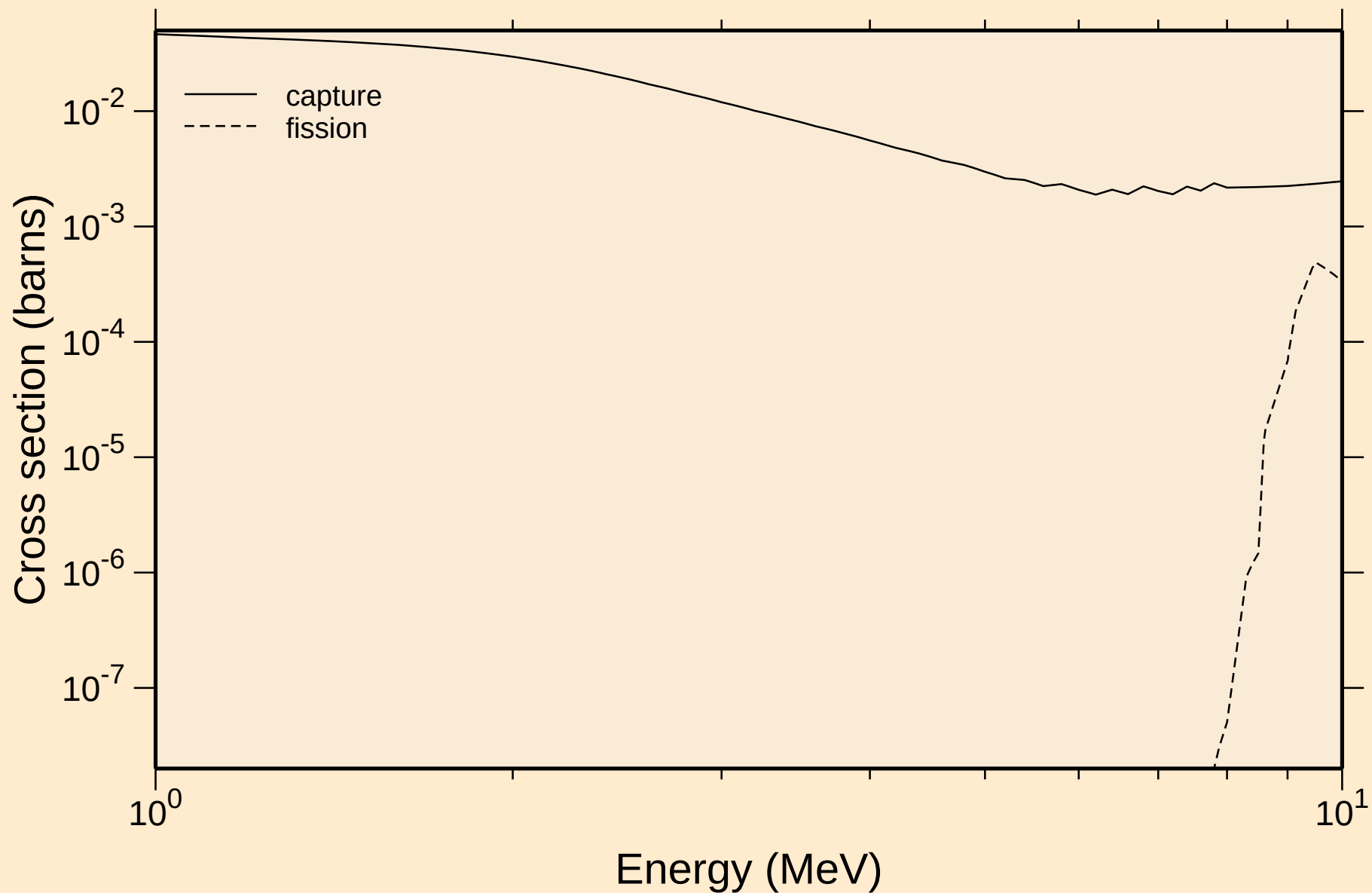
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

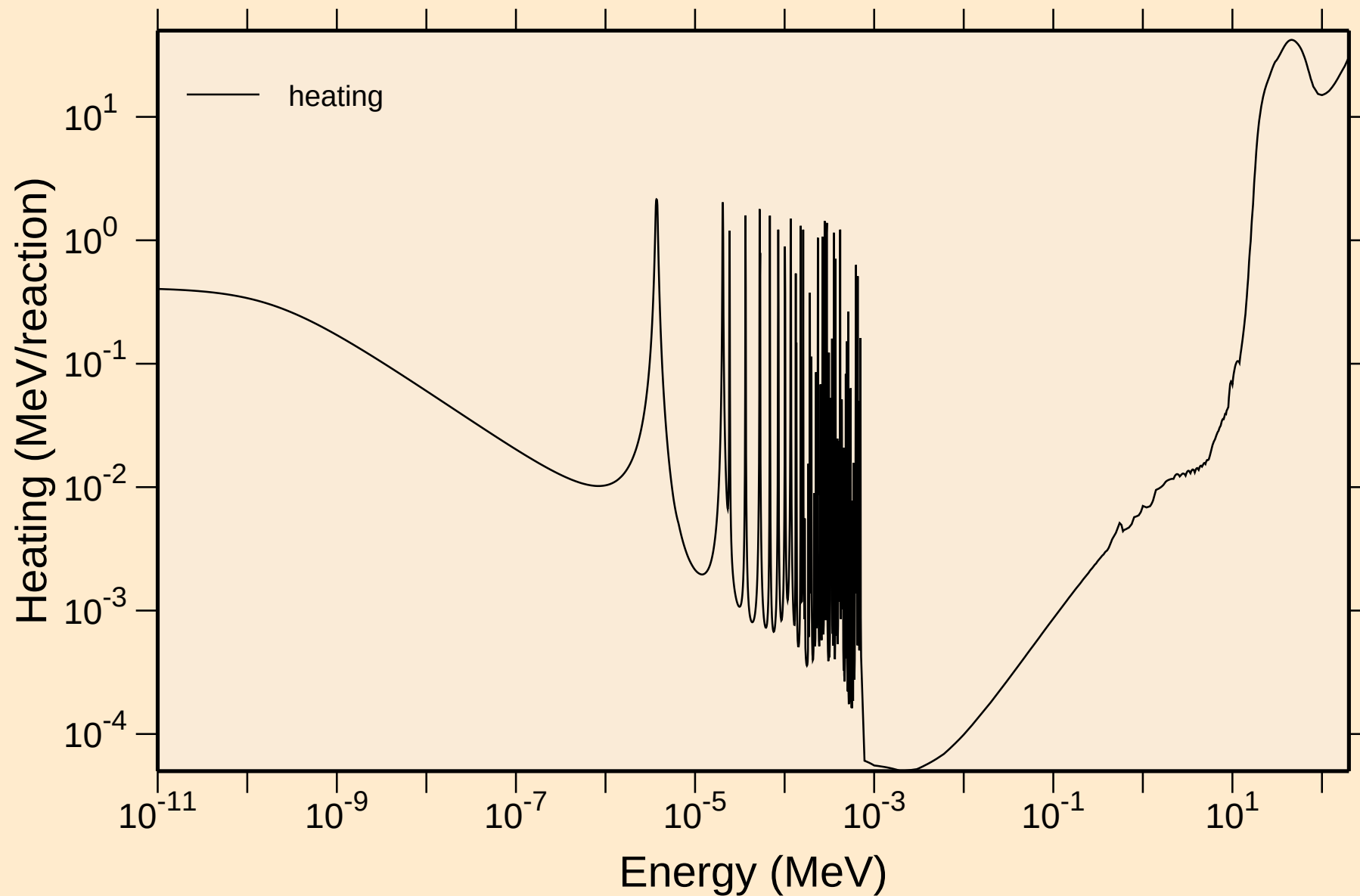


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



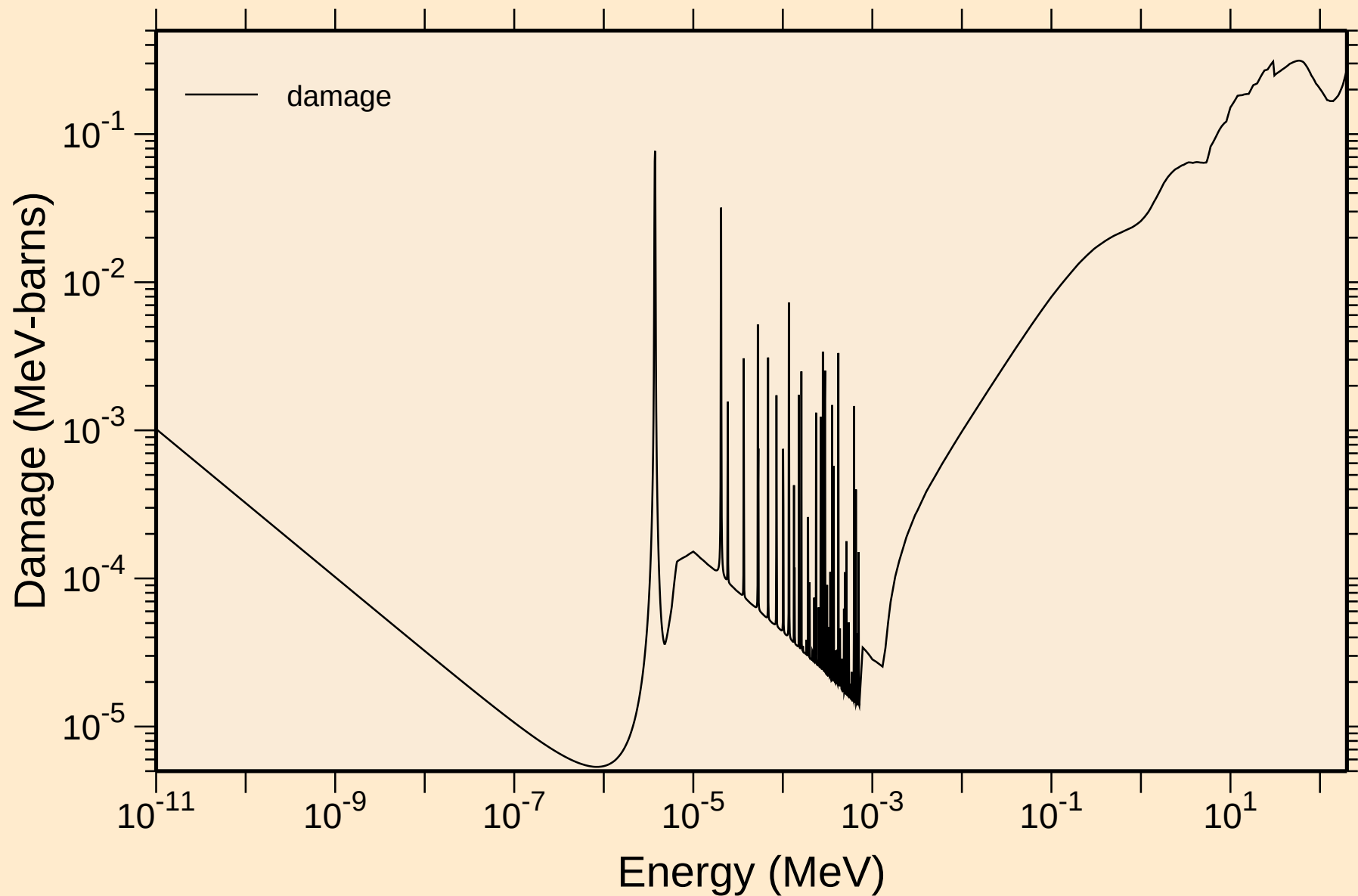
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

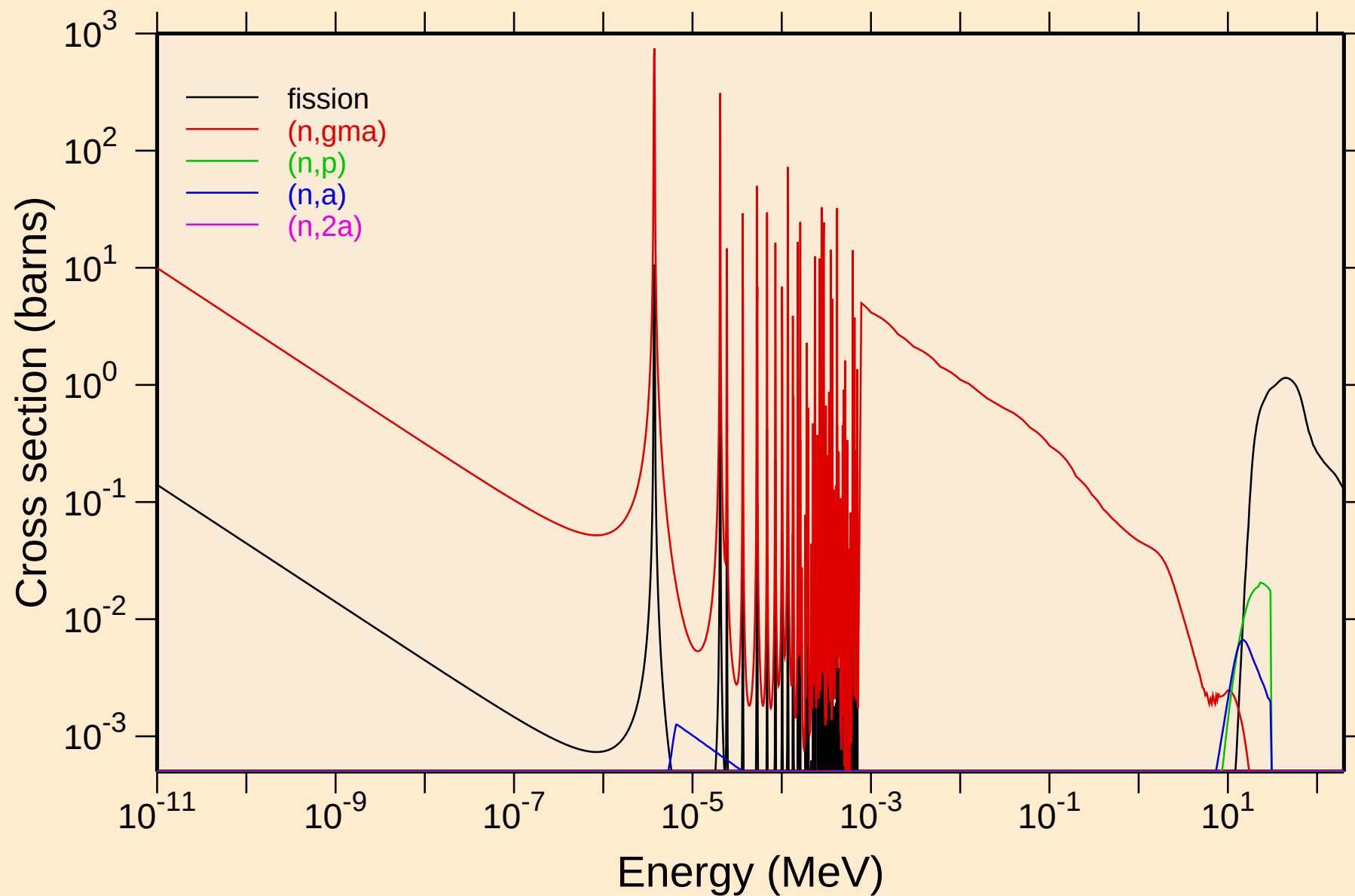


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

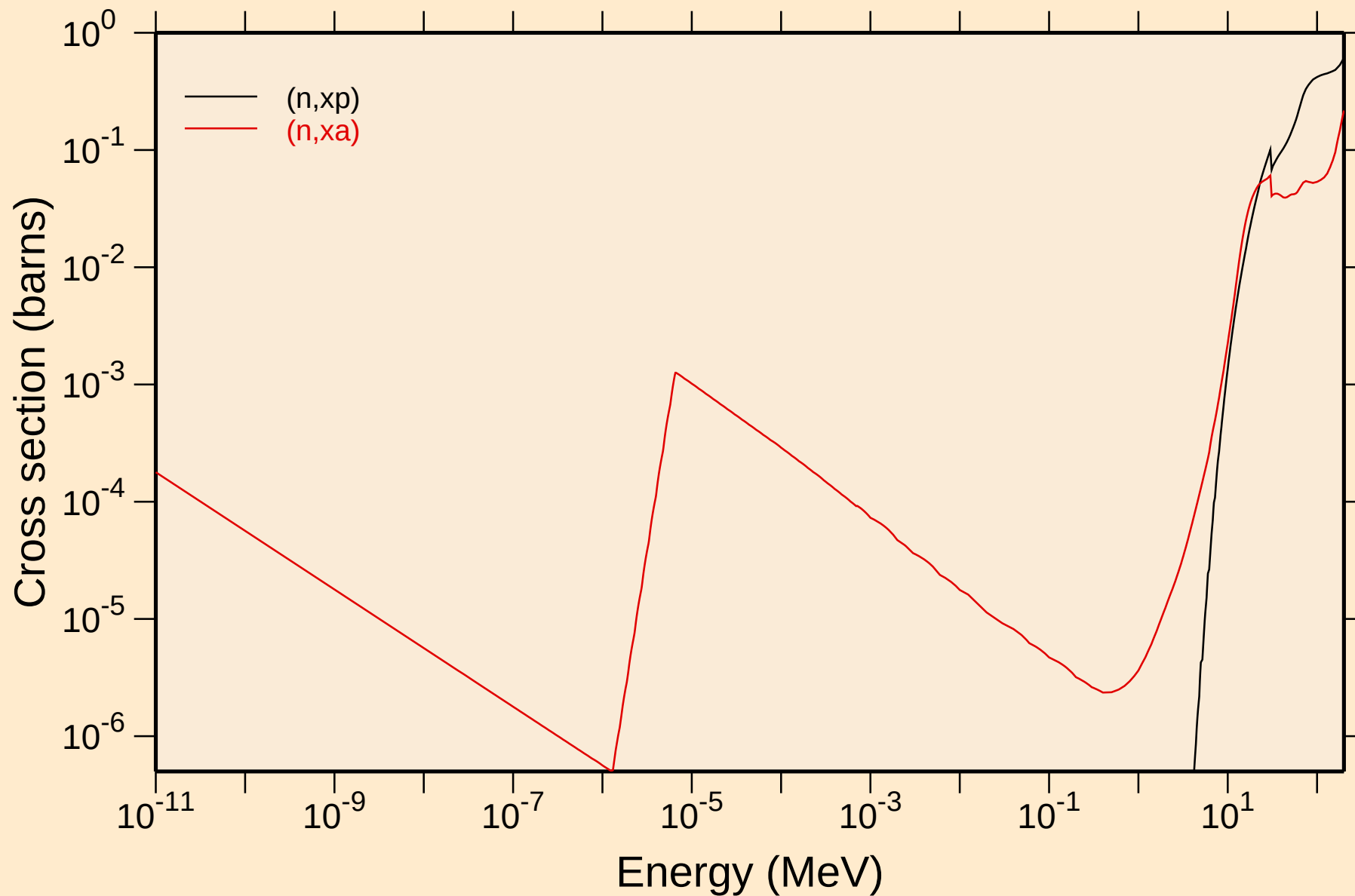
Damage



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

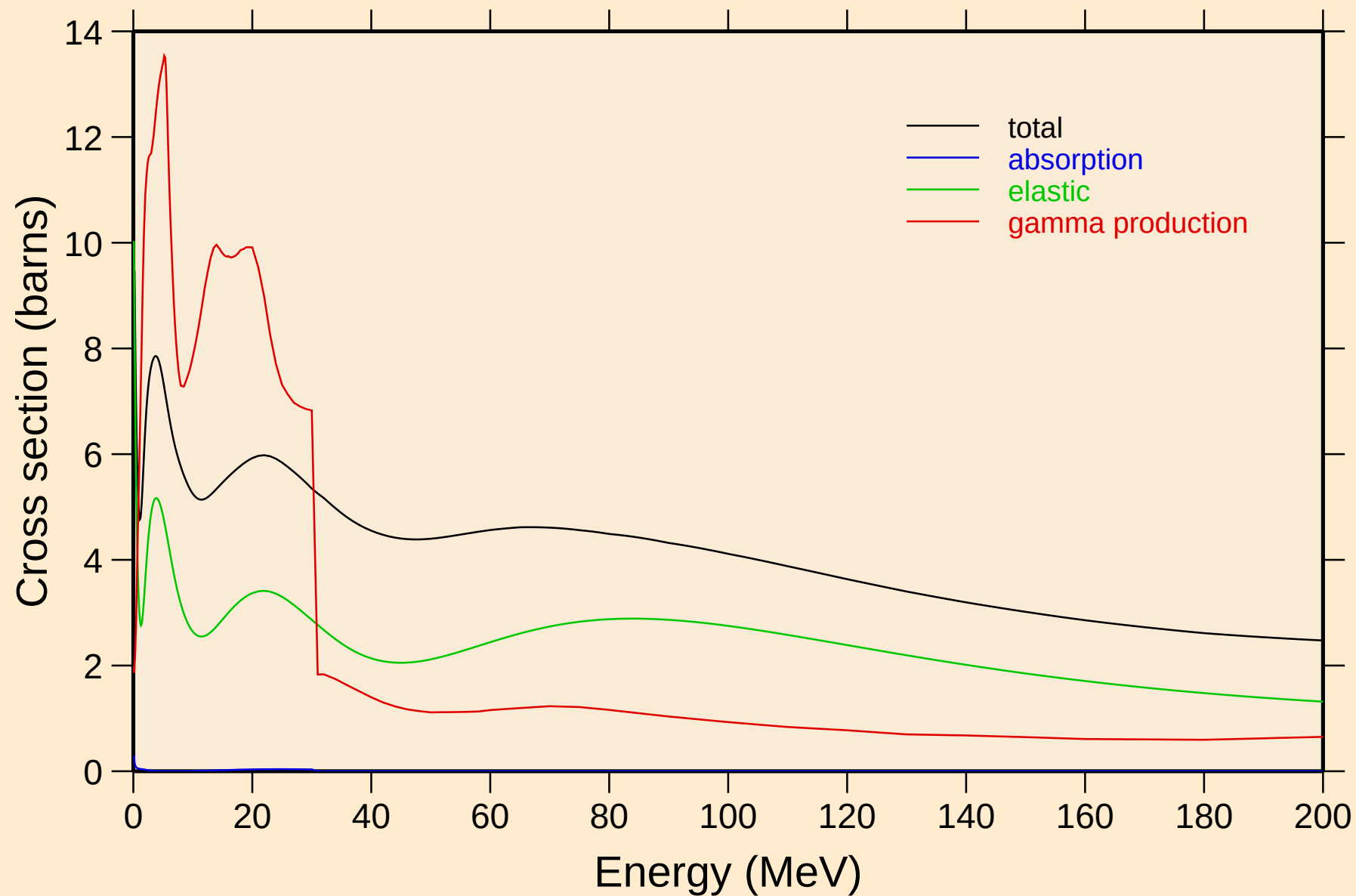


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



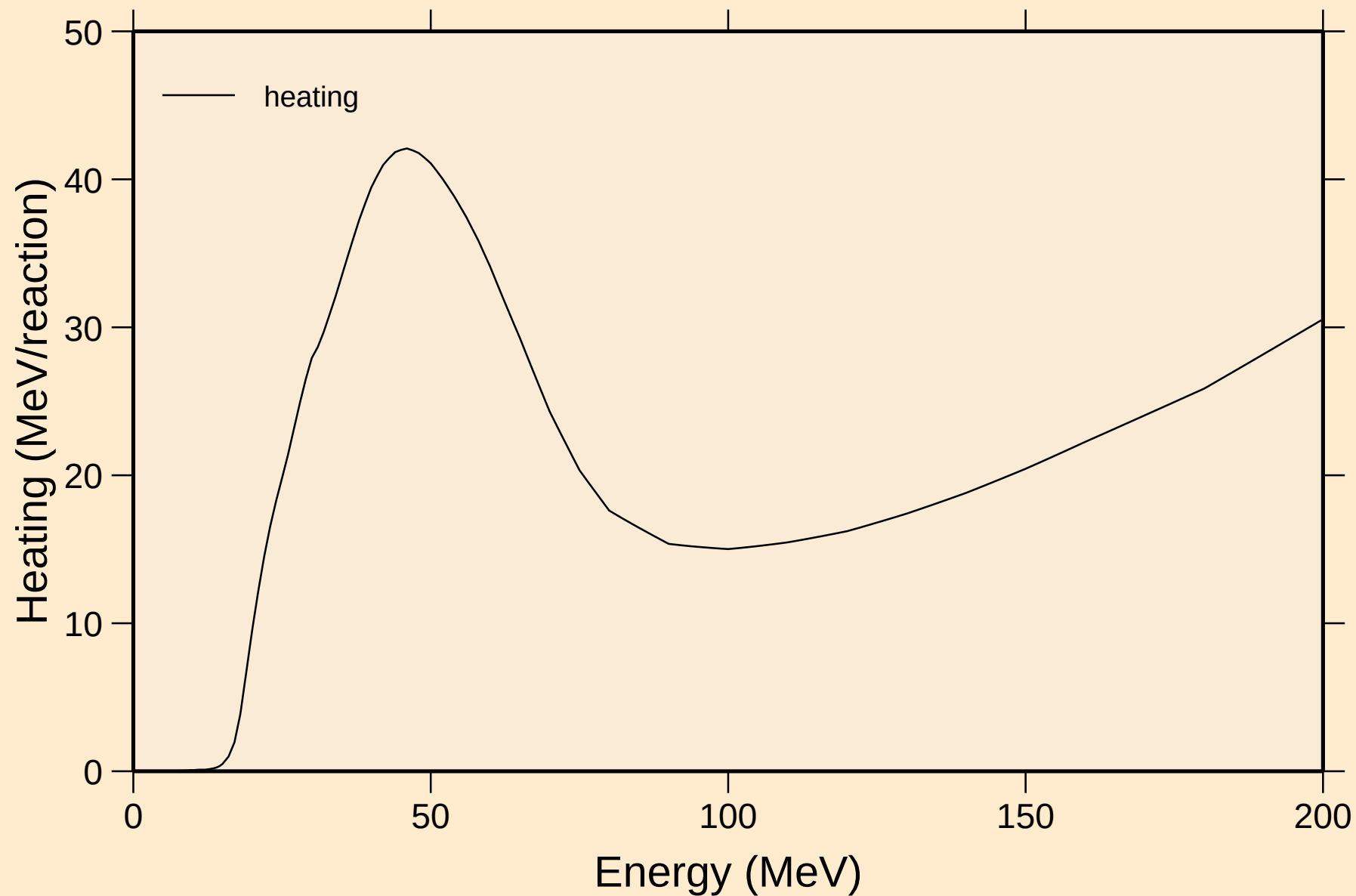
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



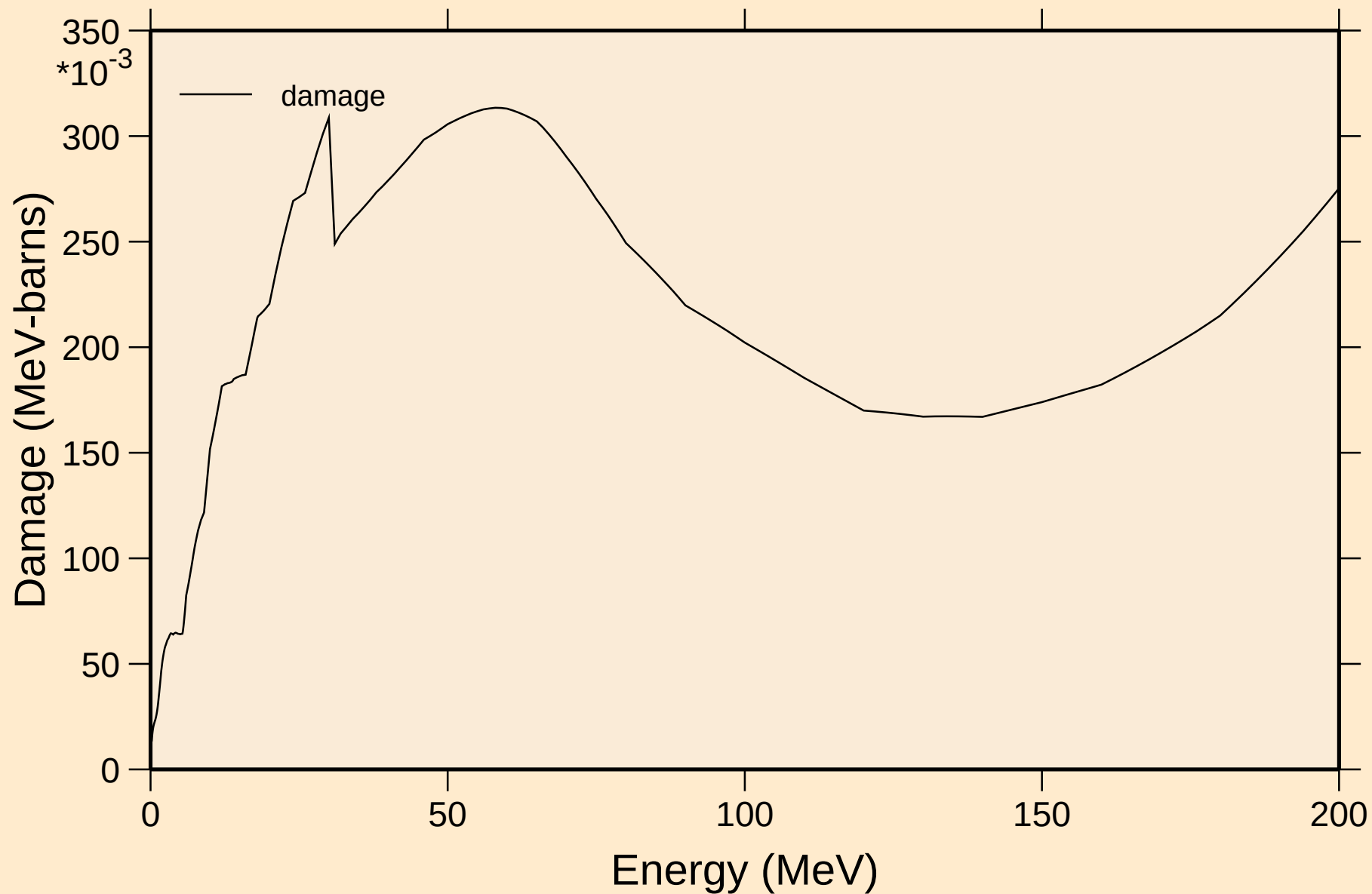
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

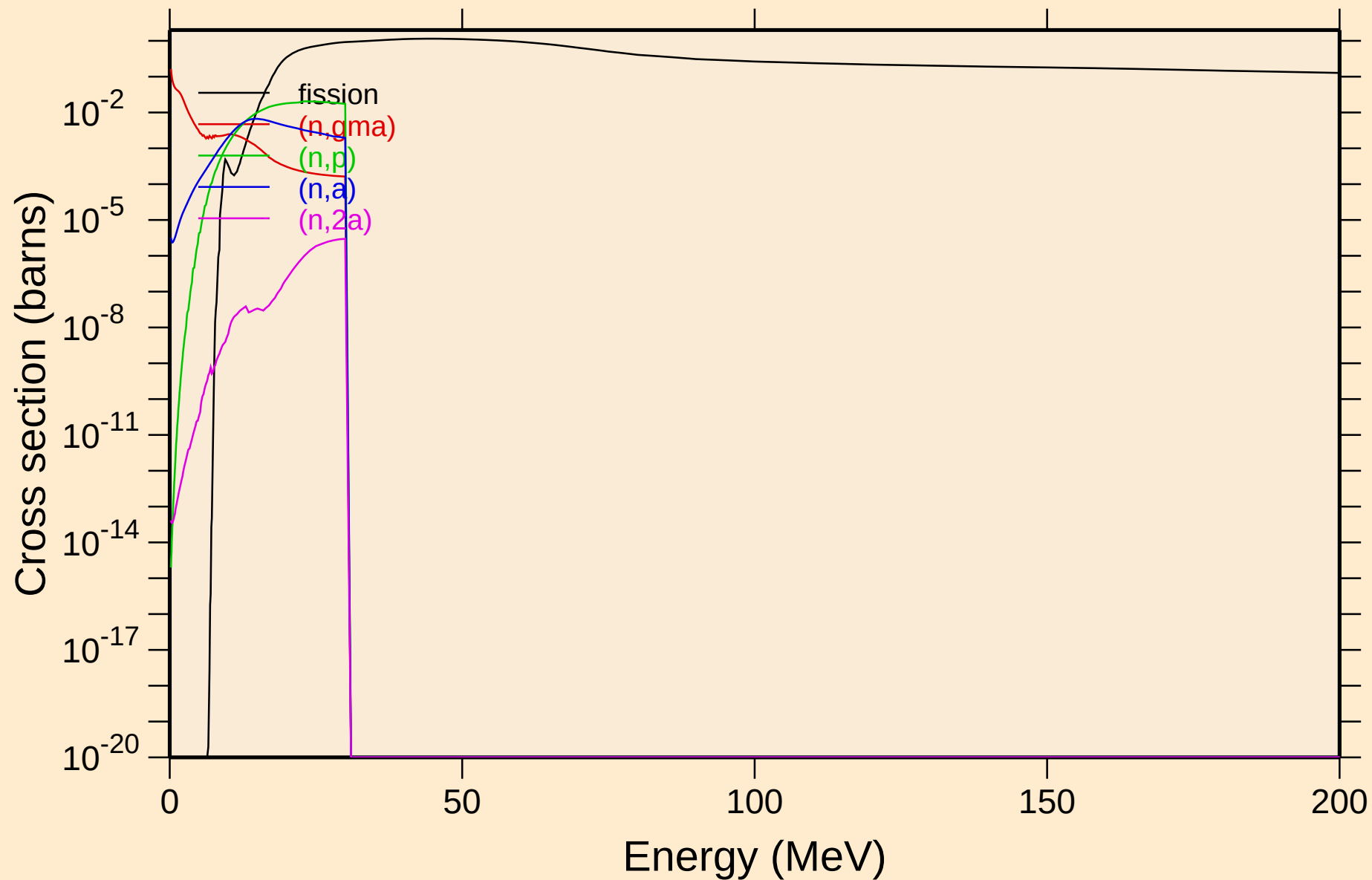


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

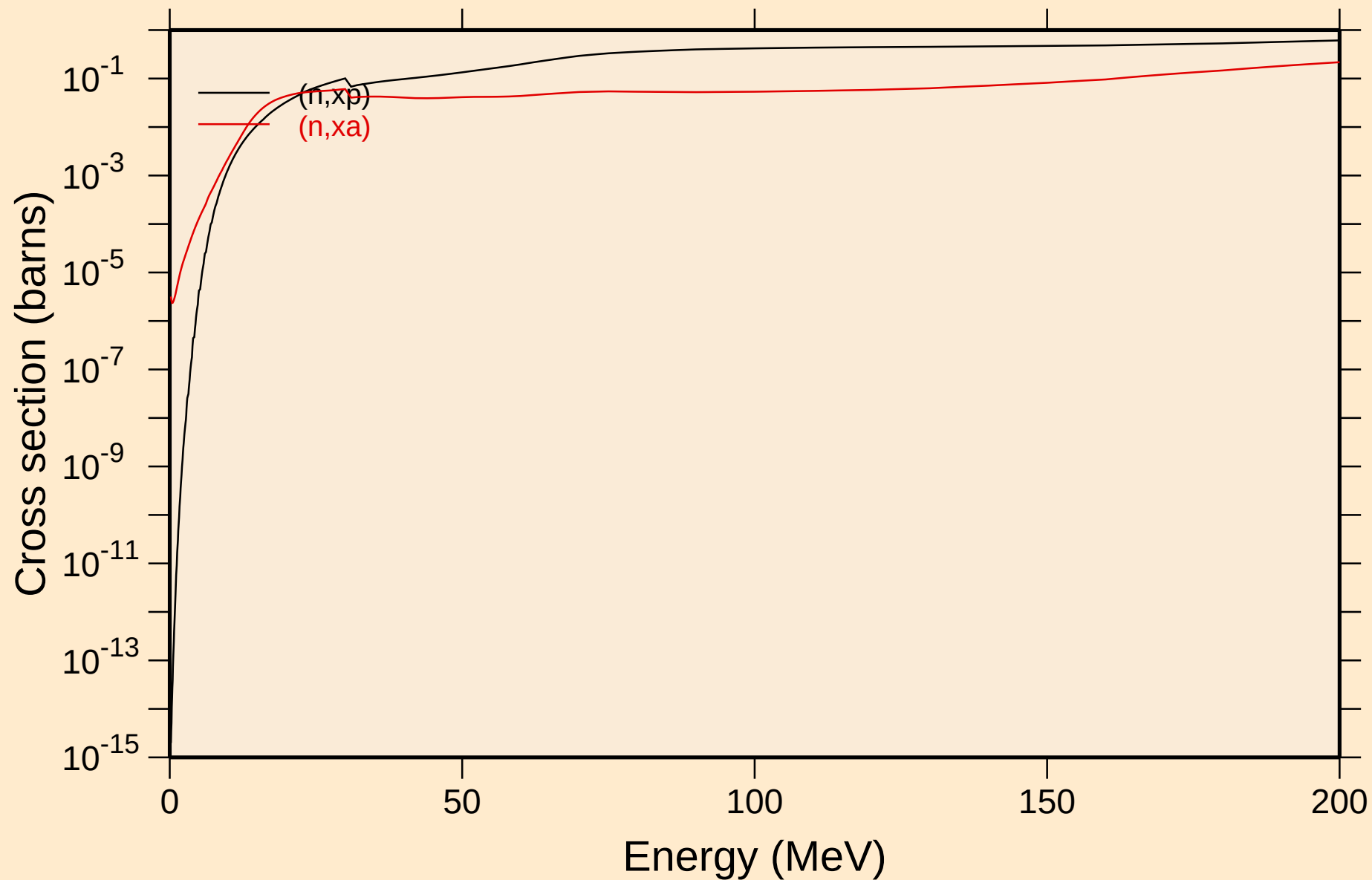
Damage



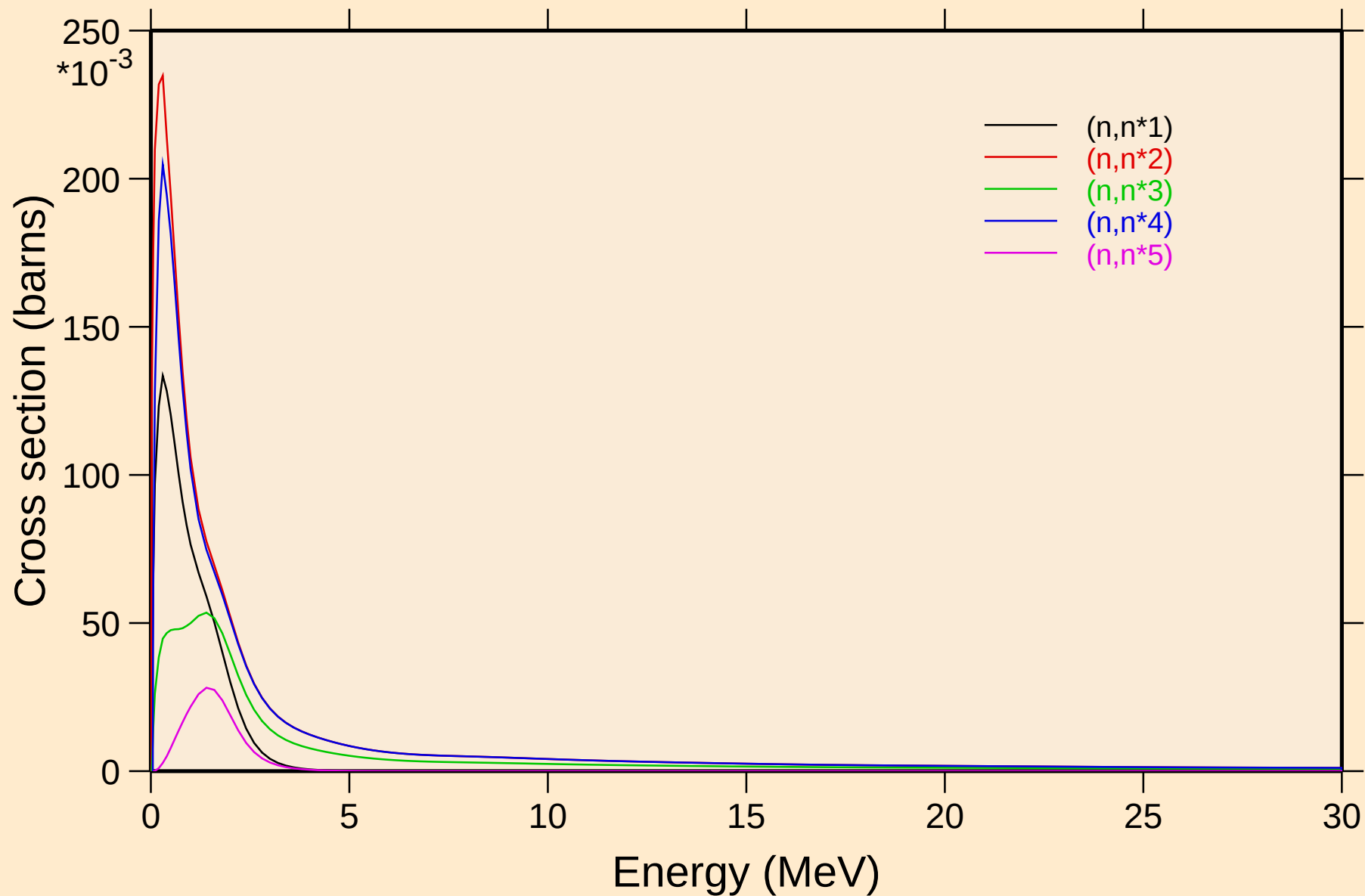
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



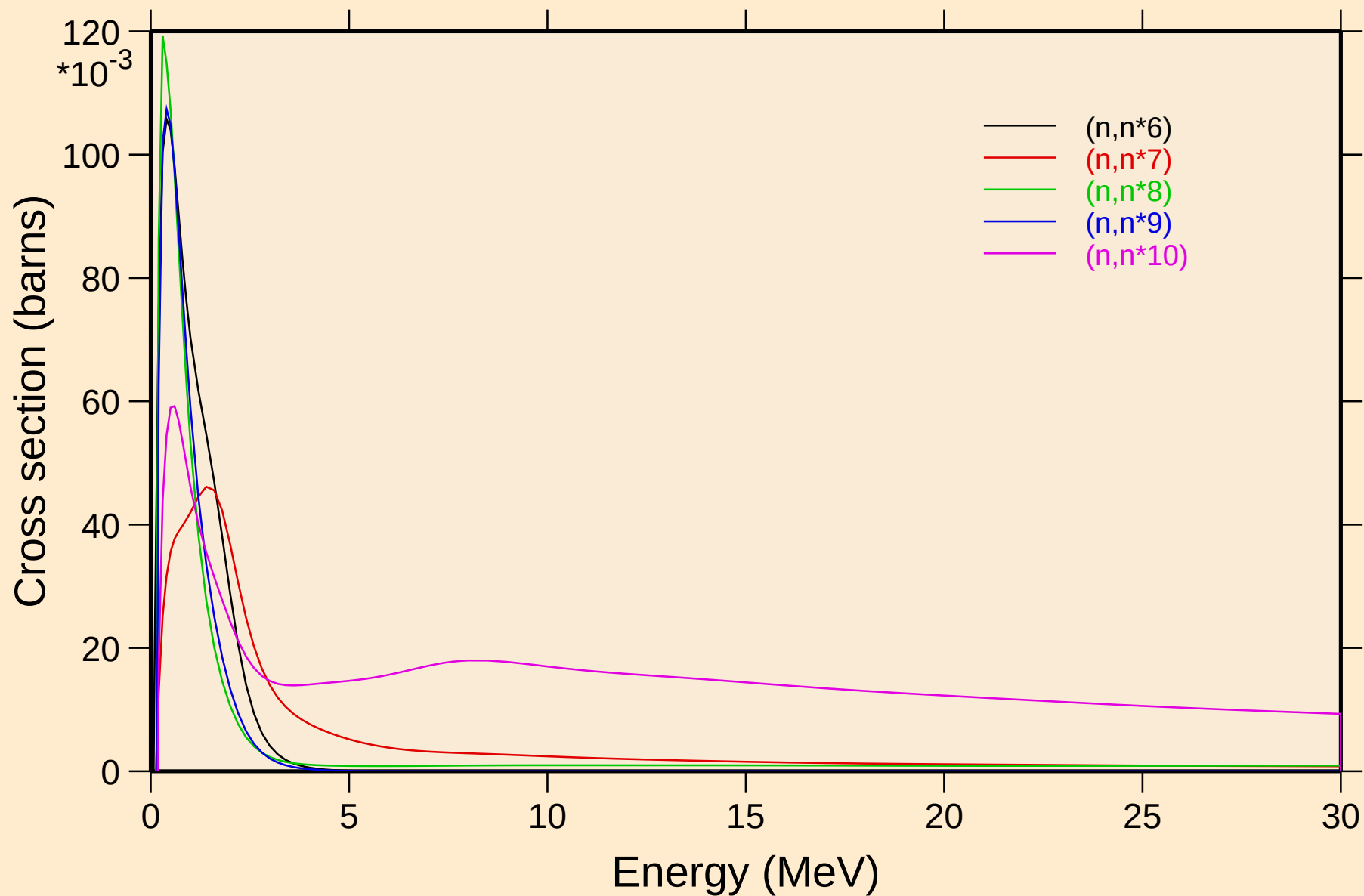
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



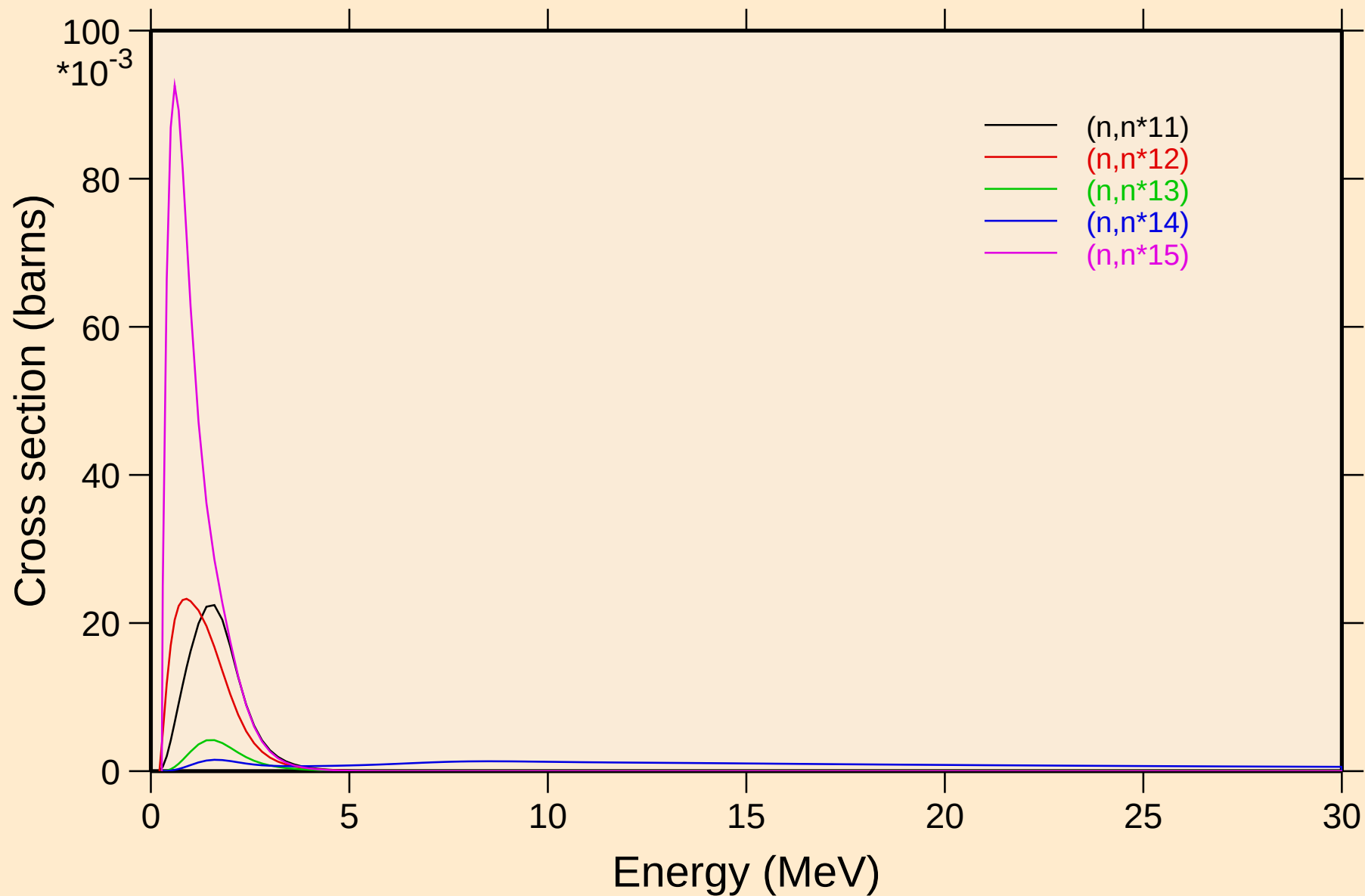
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



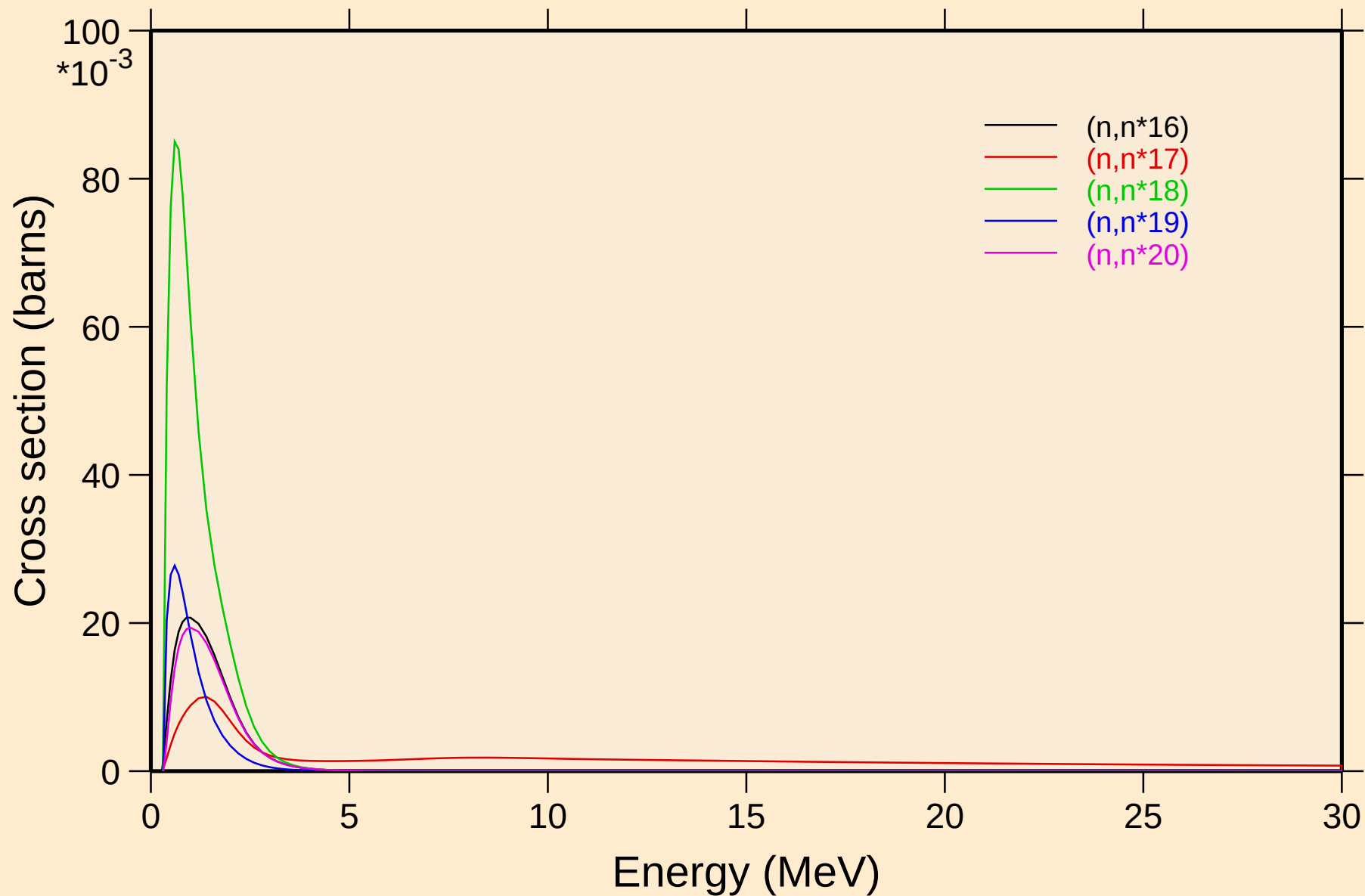
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

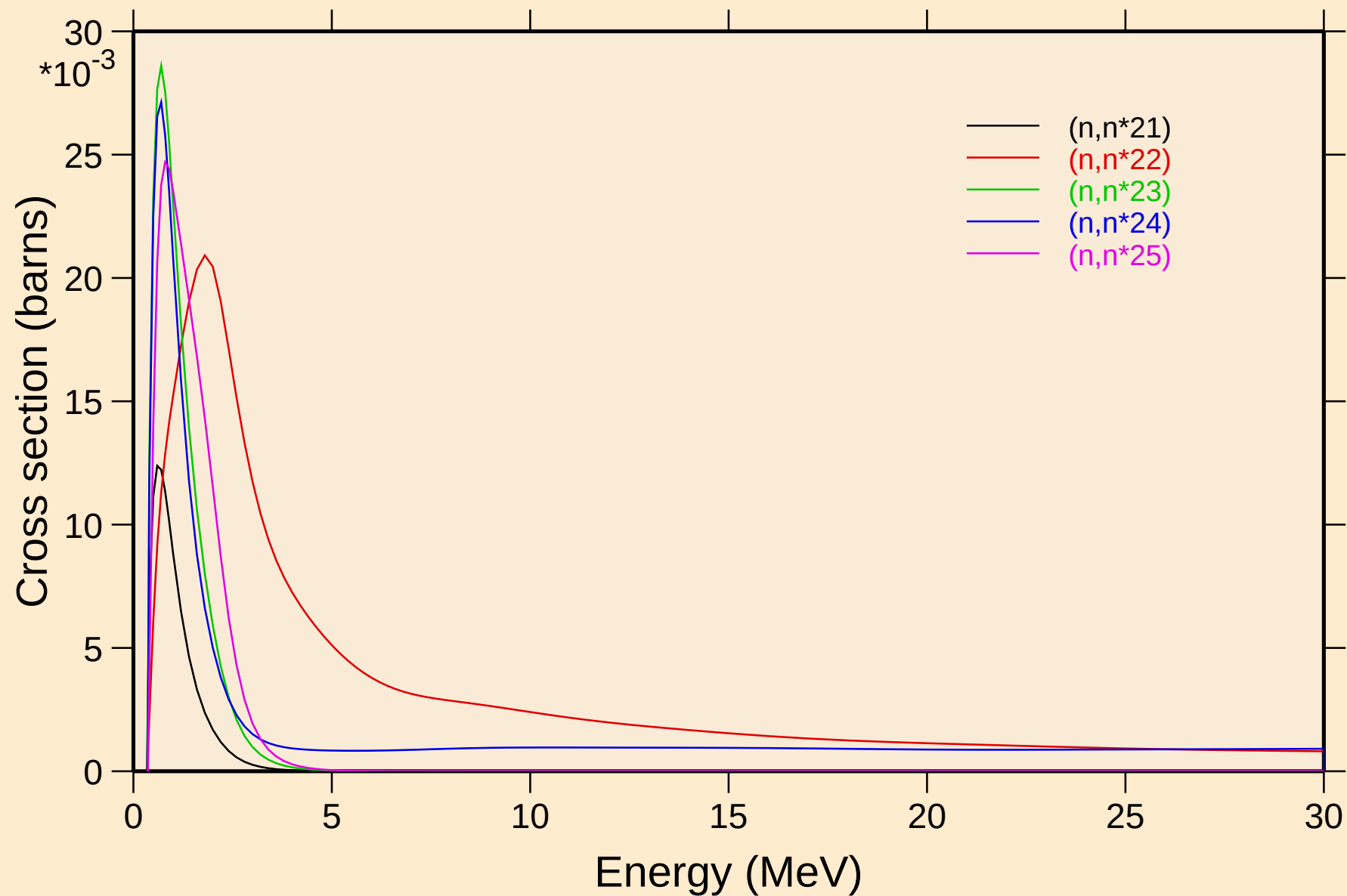


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



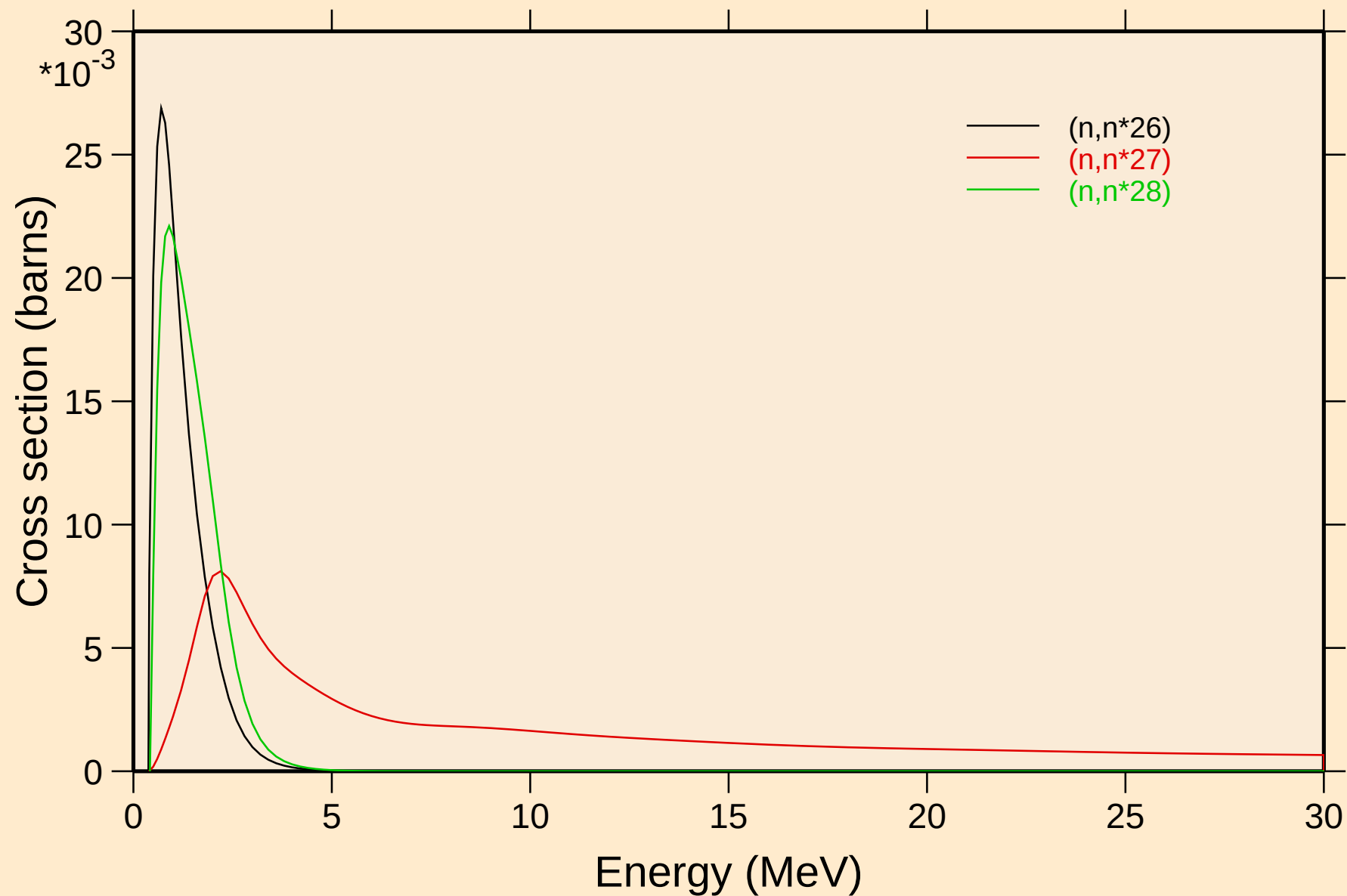
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

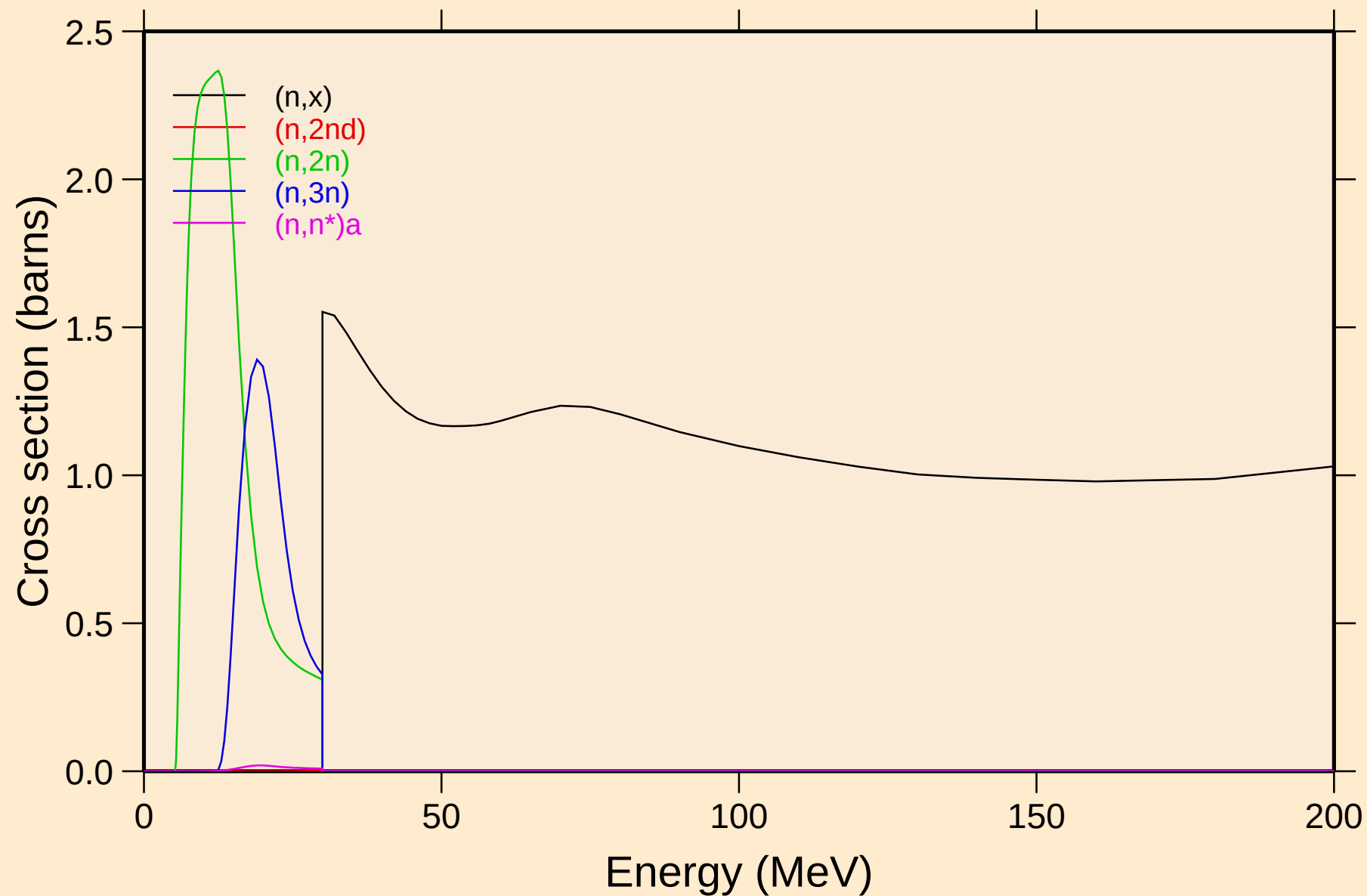


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

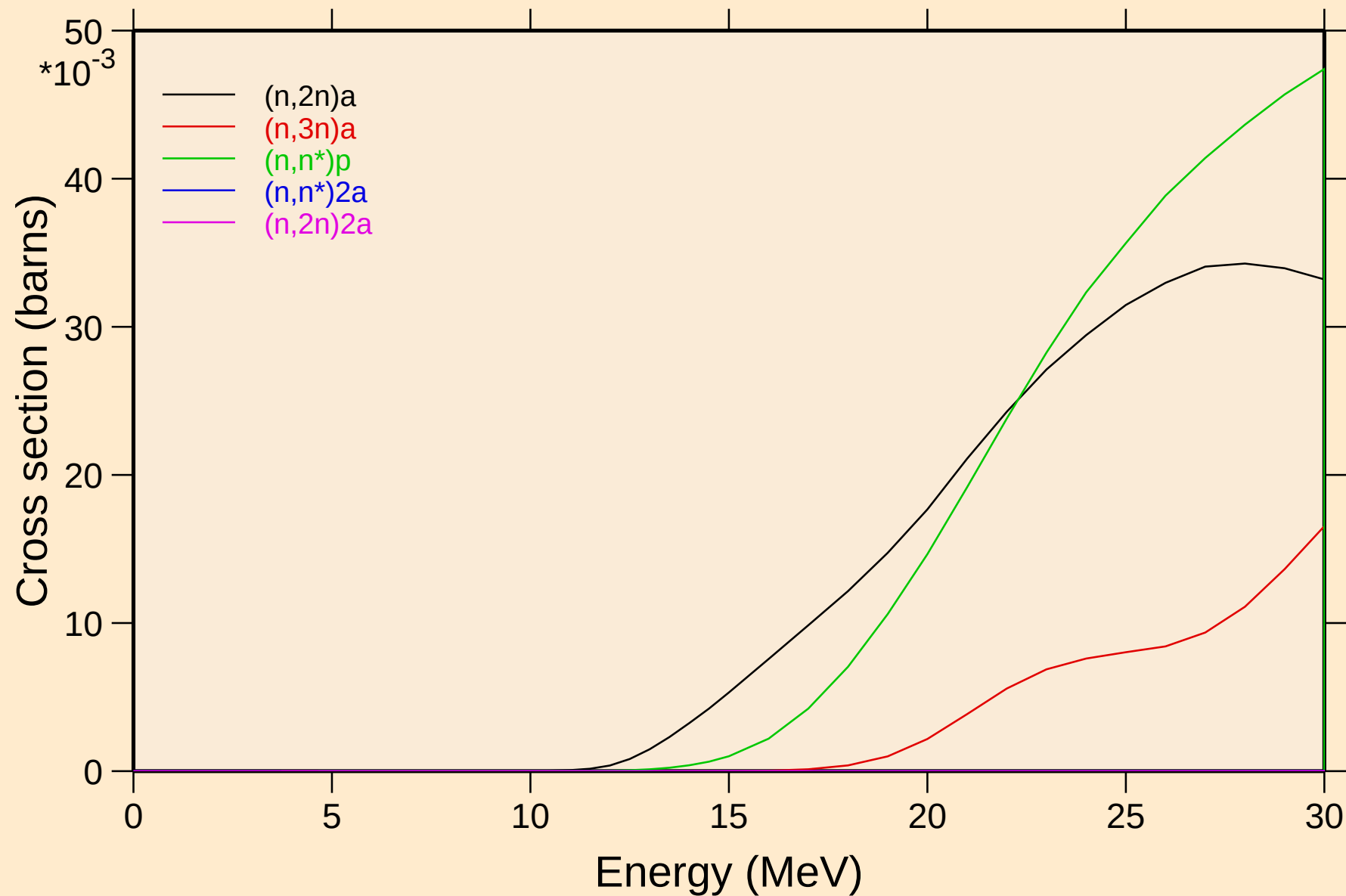


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



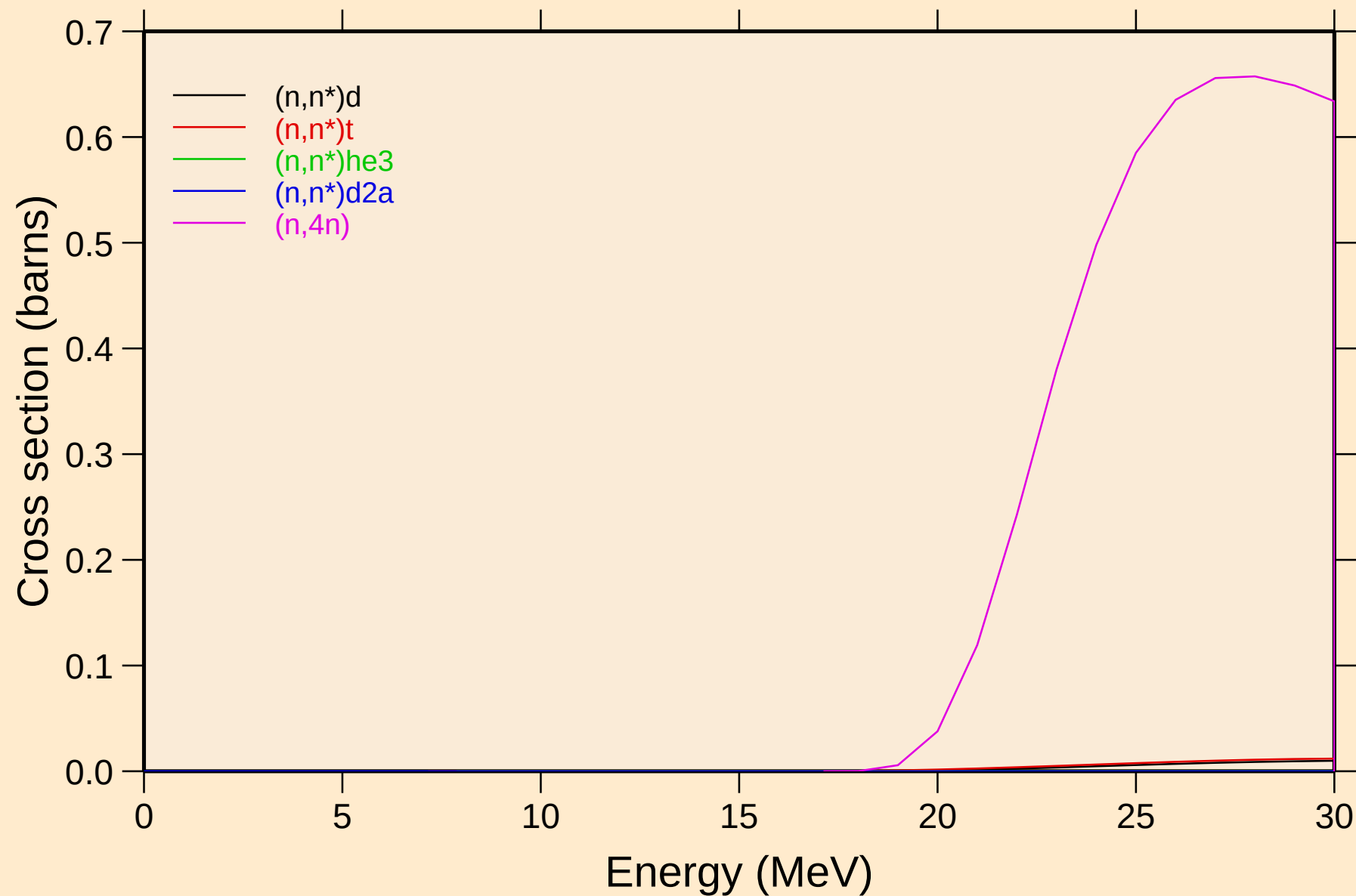
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

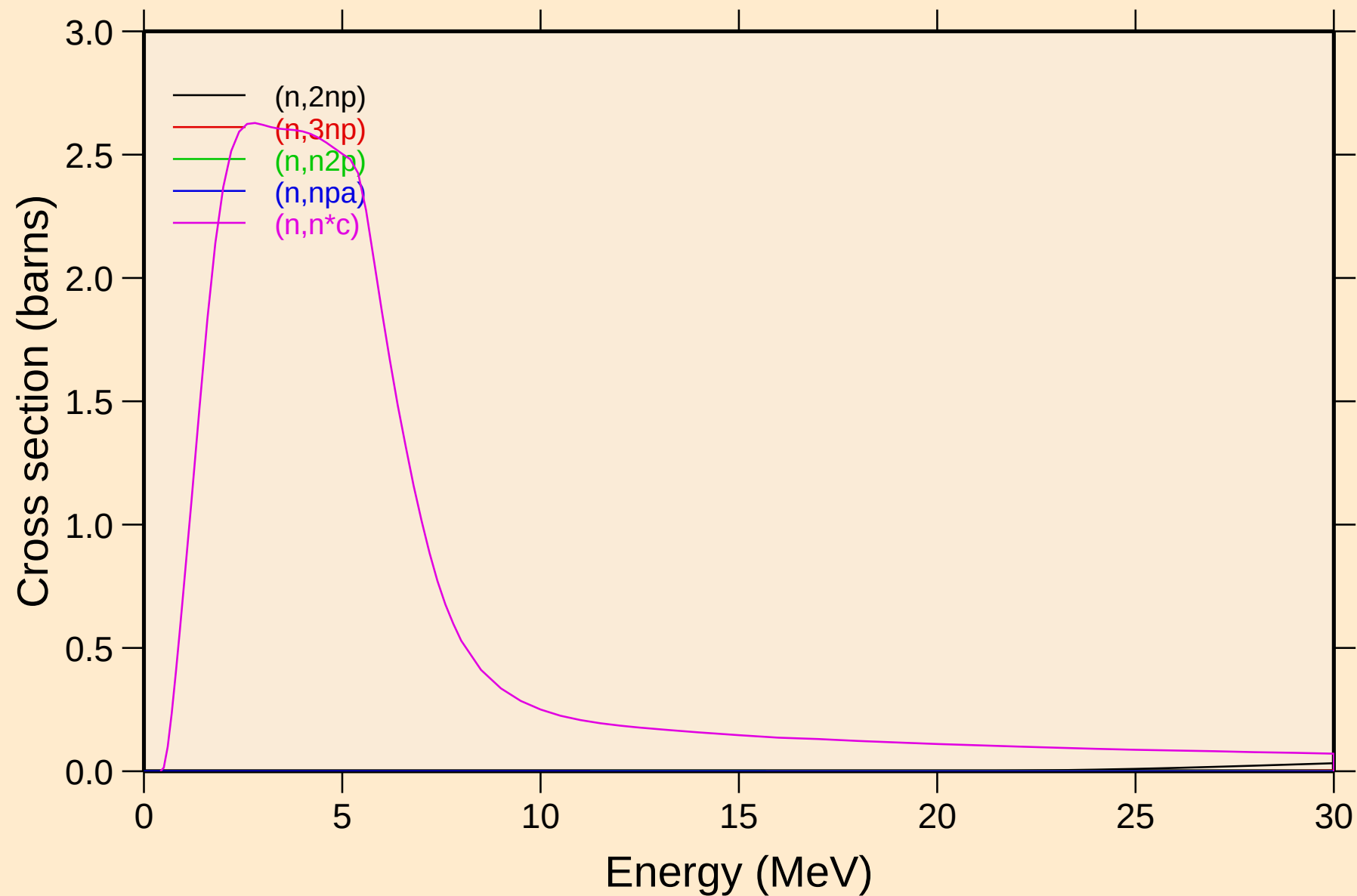


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

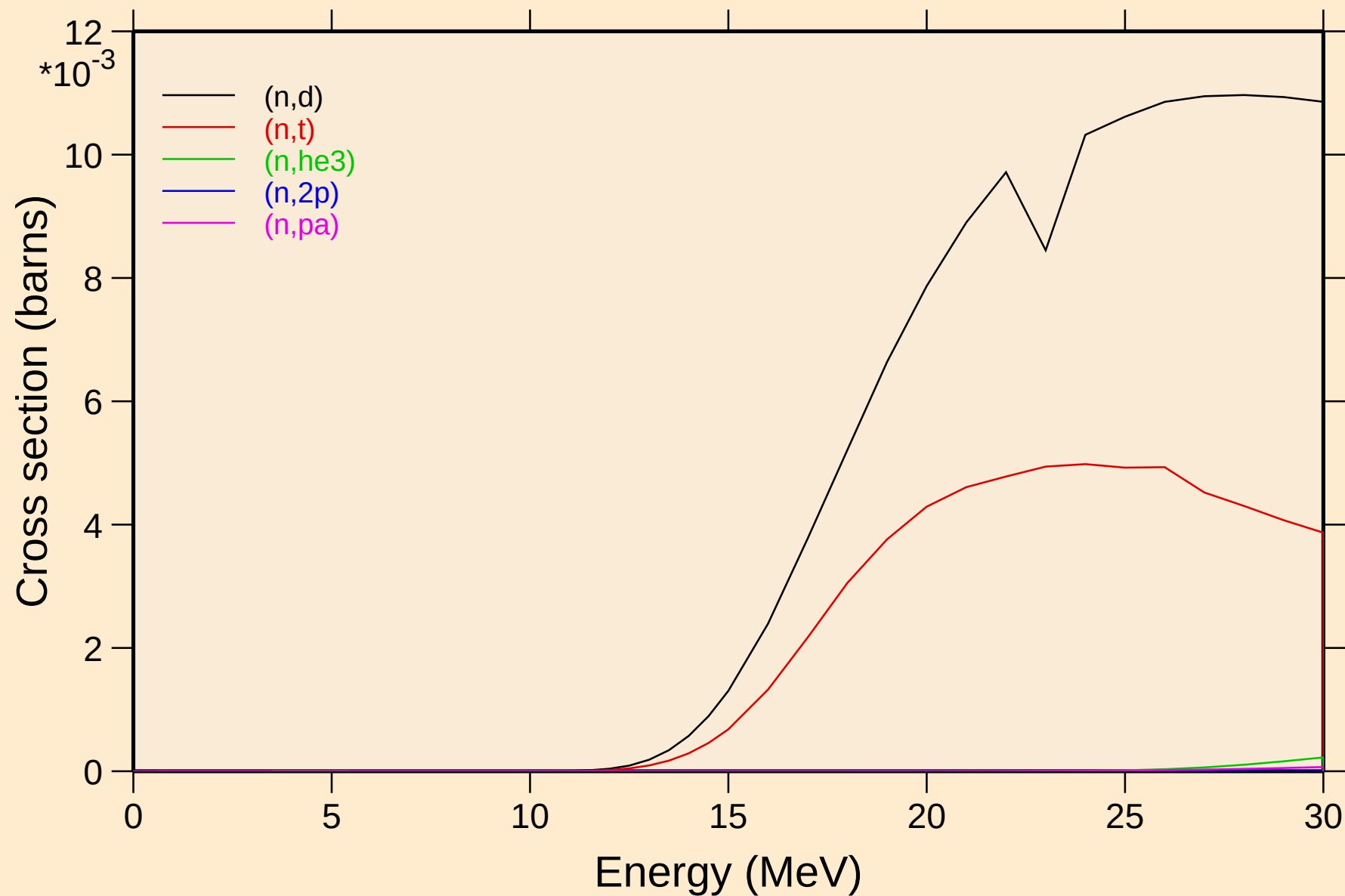
Threshold reactions



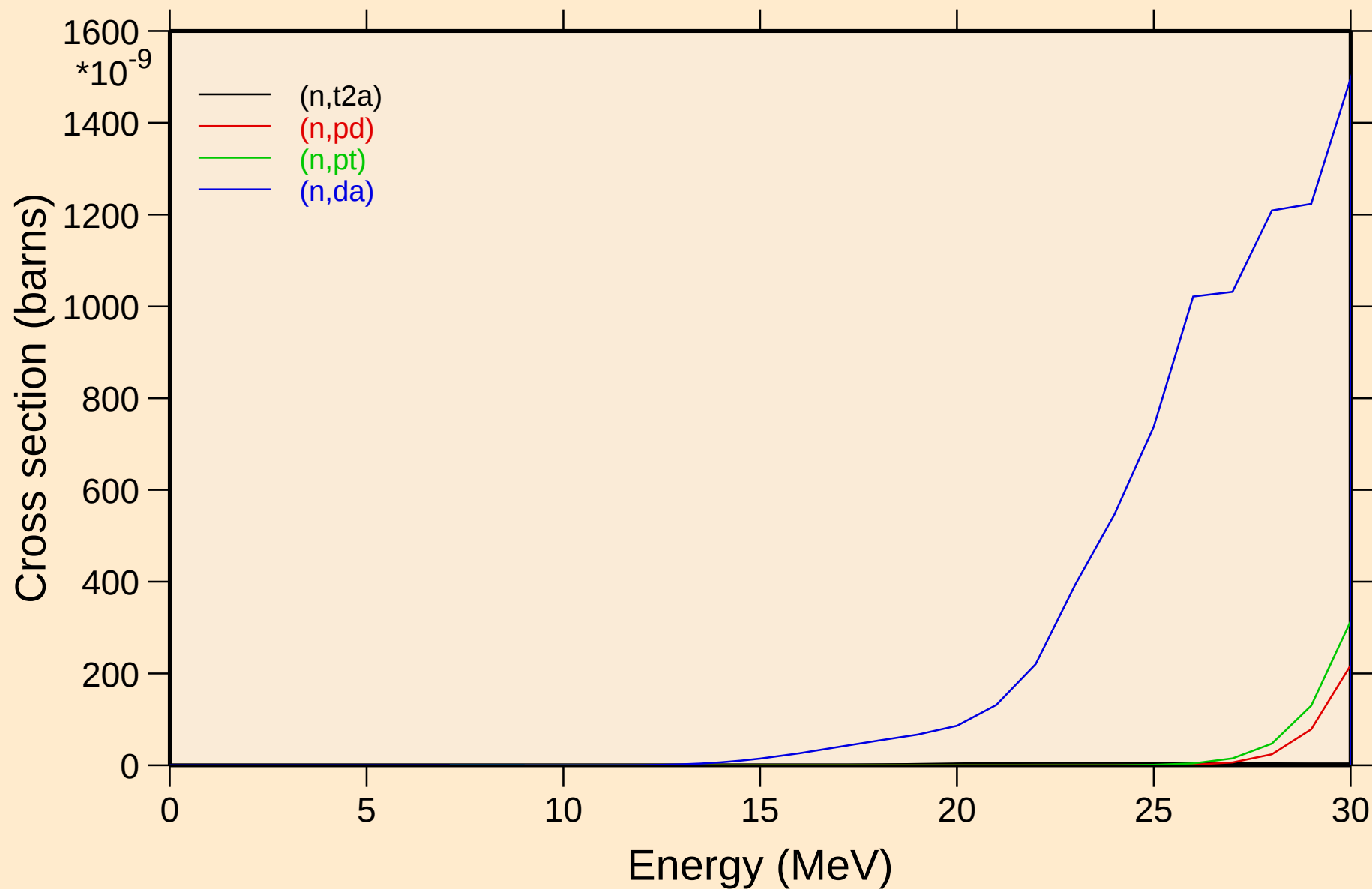
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



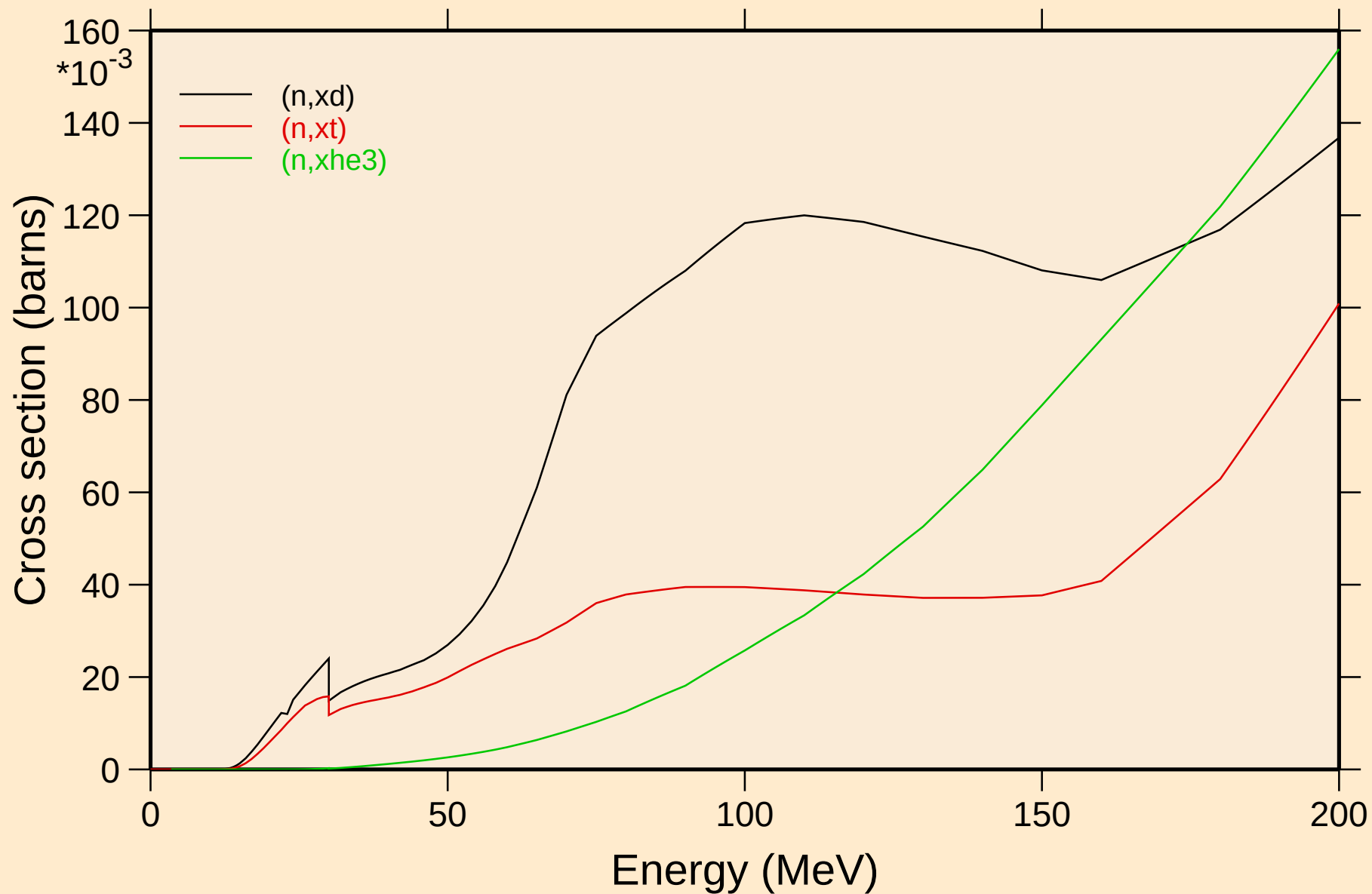
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



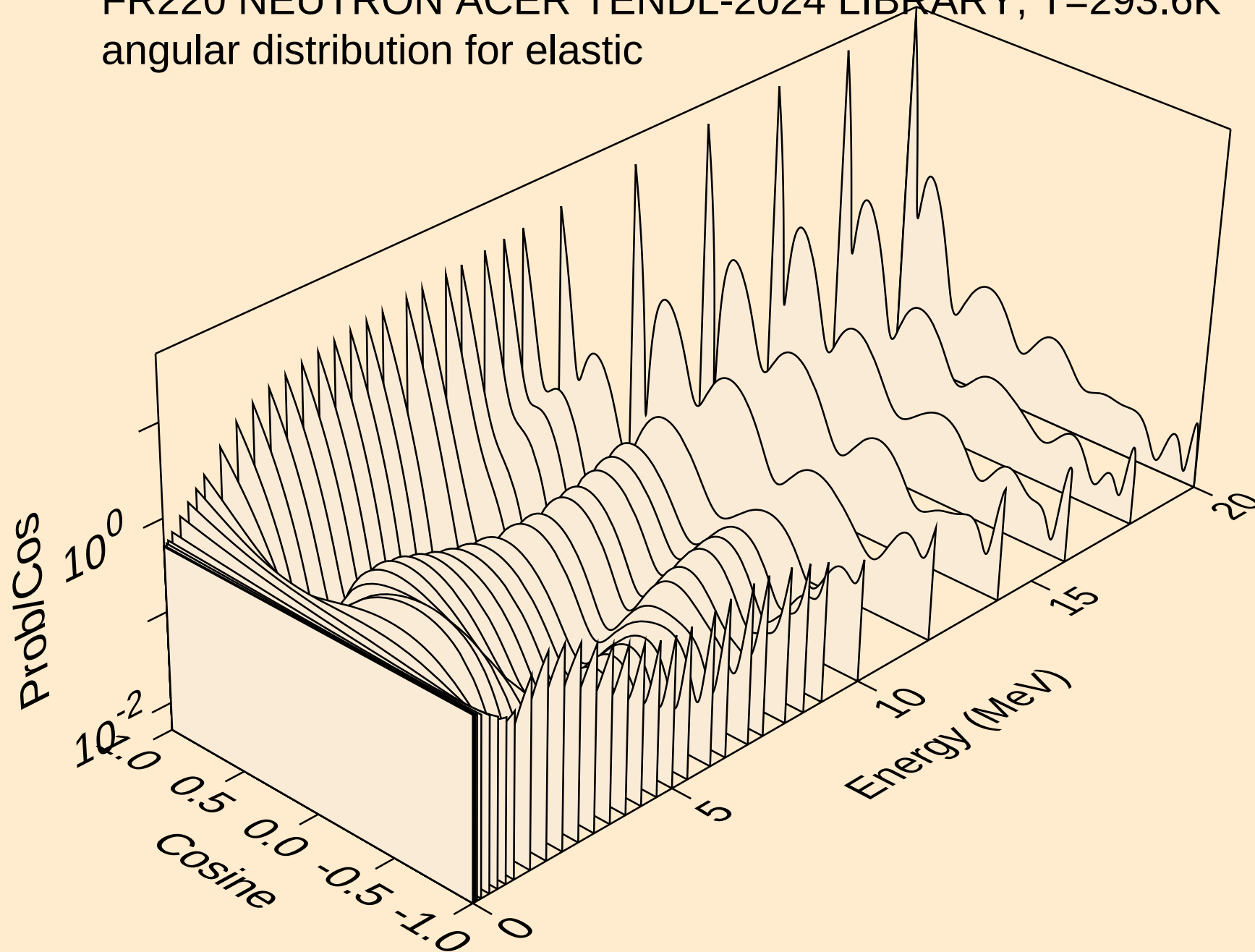
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



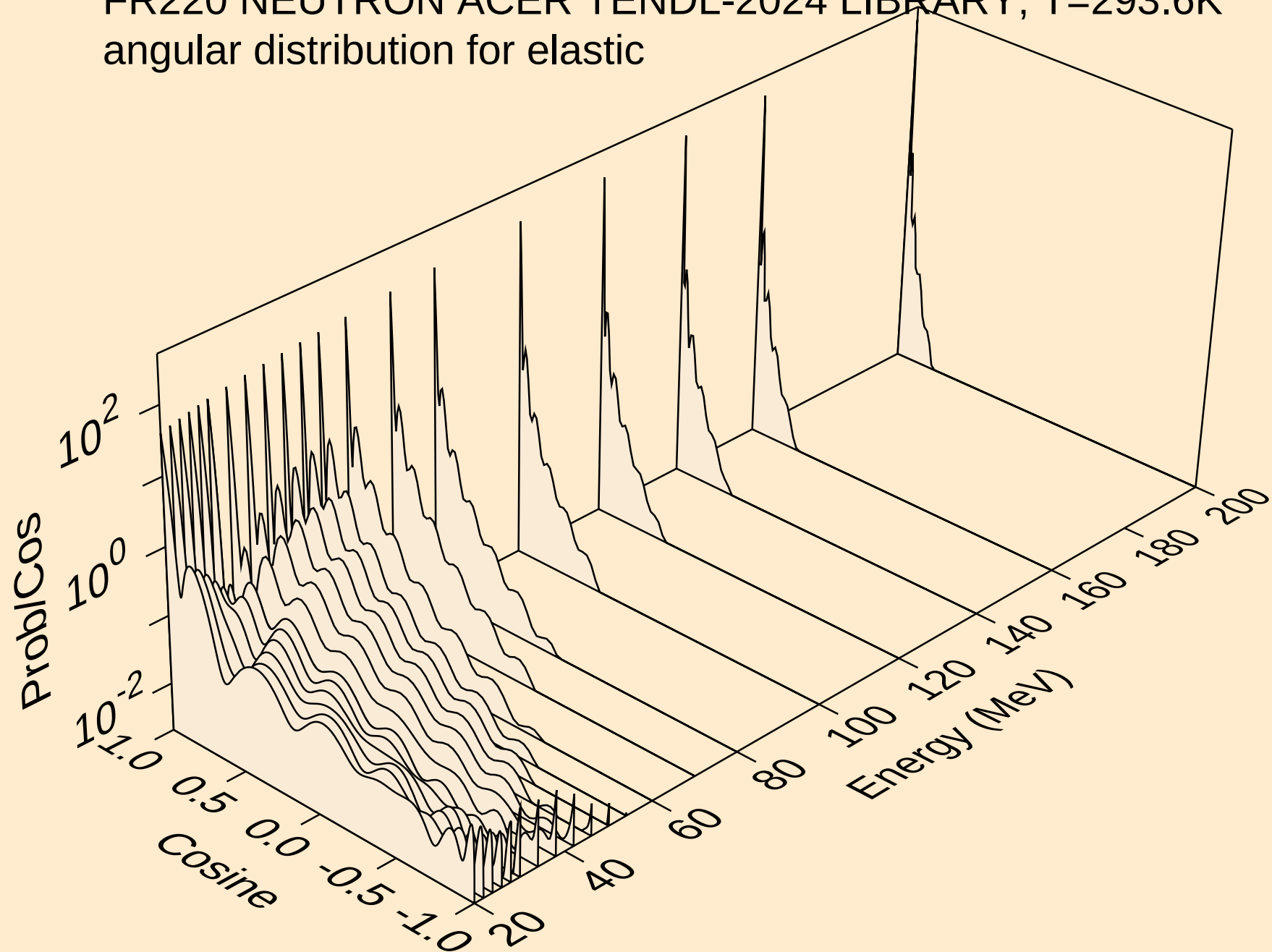
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



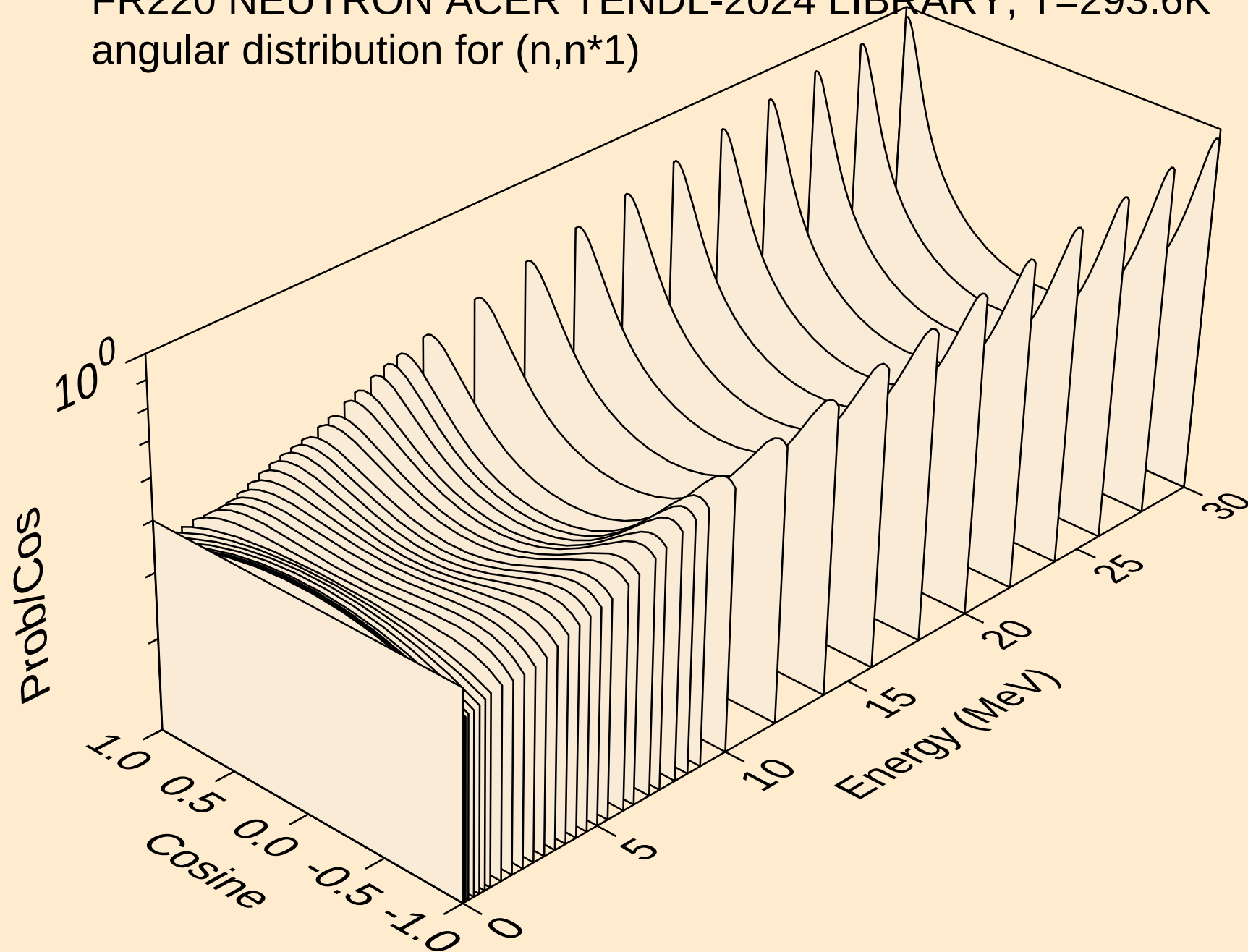
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



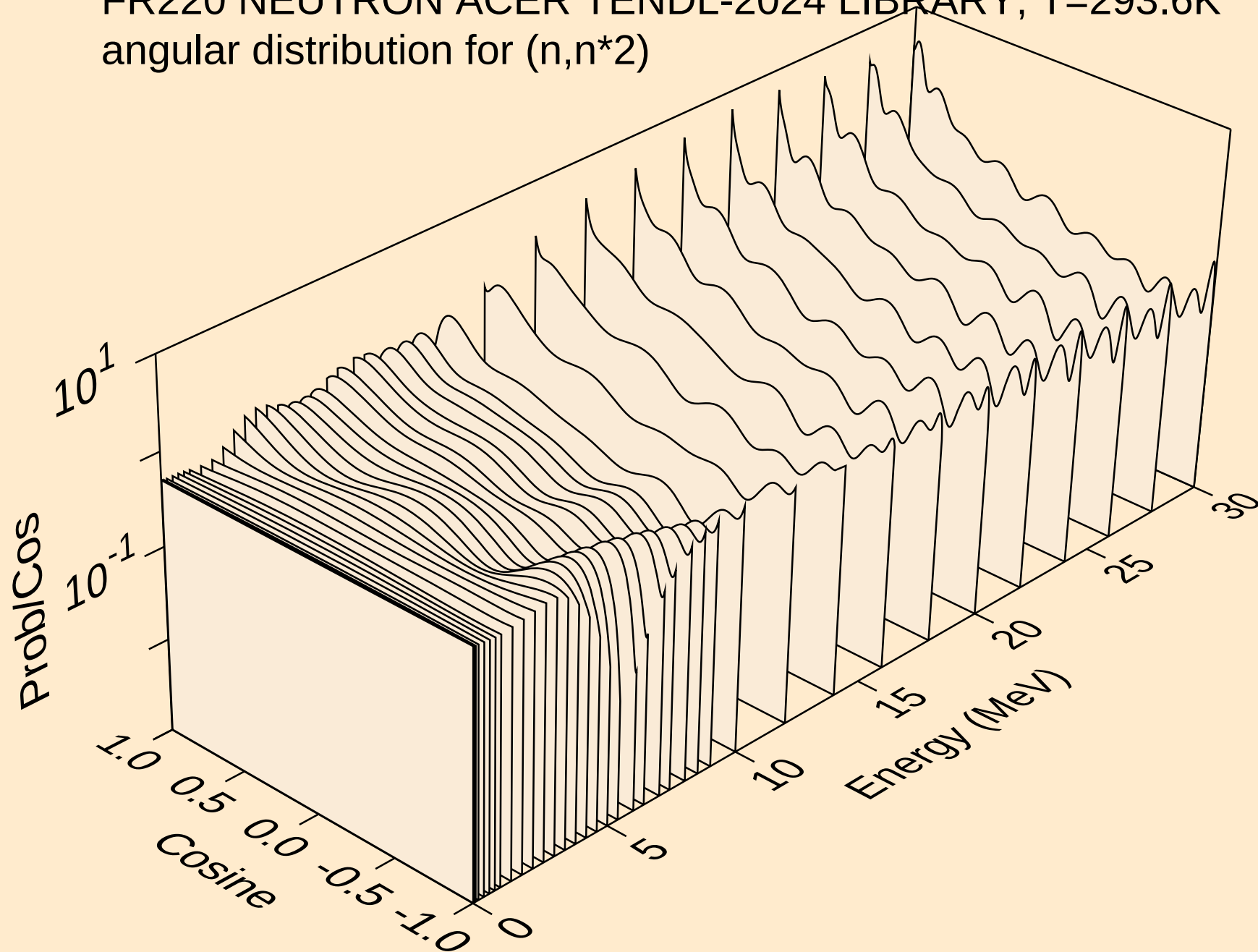
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



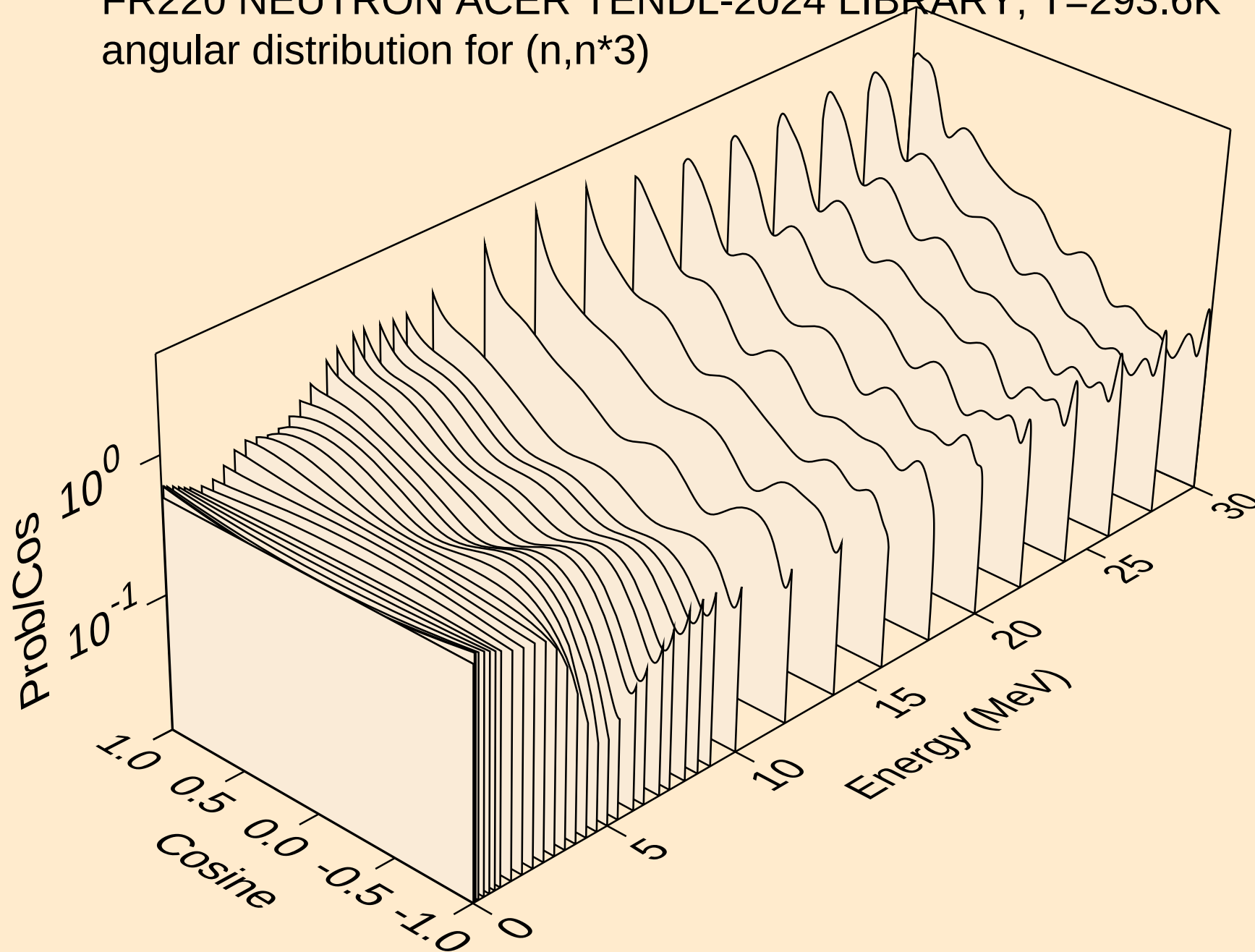
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



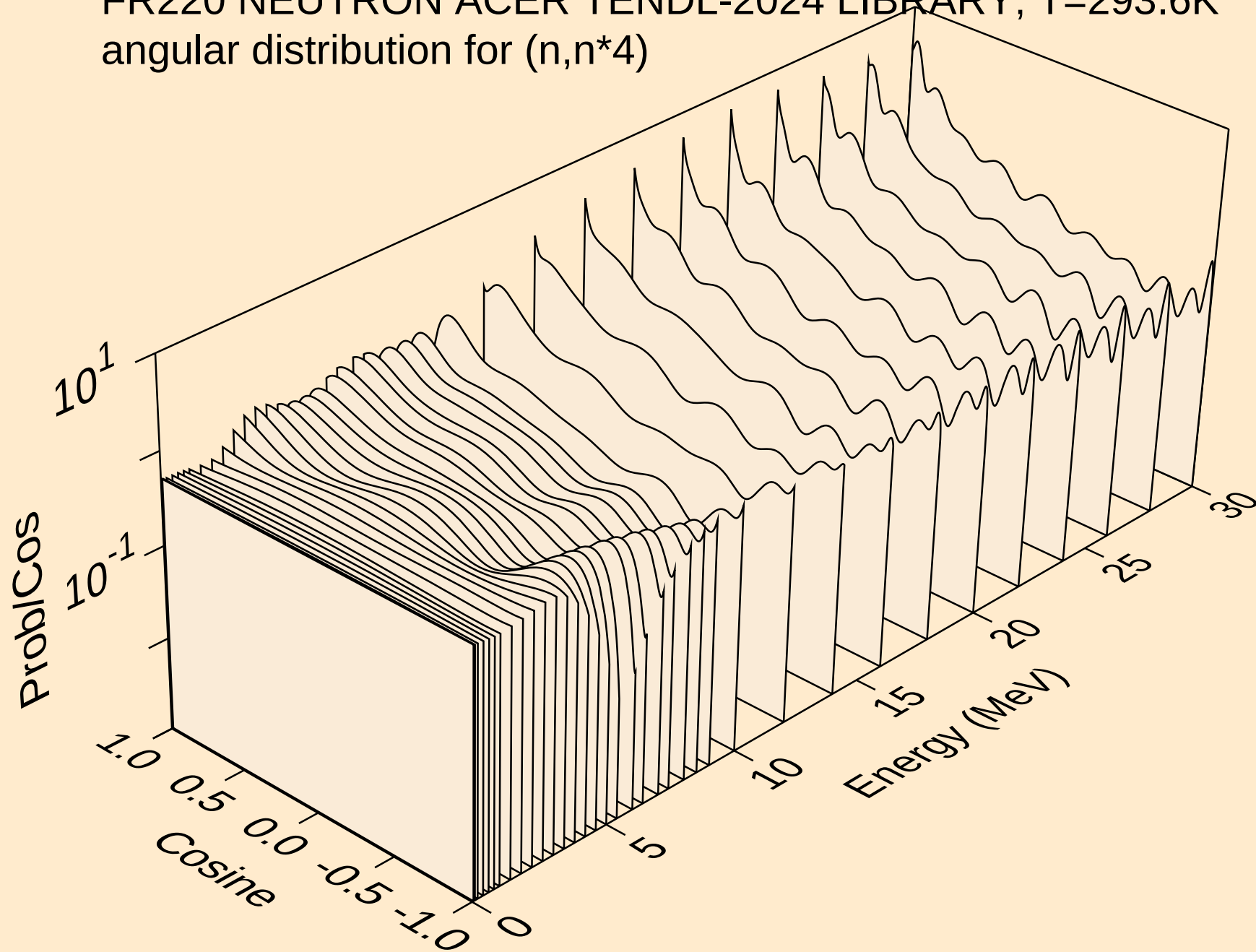
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



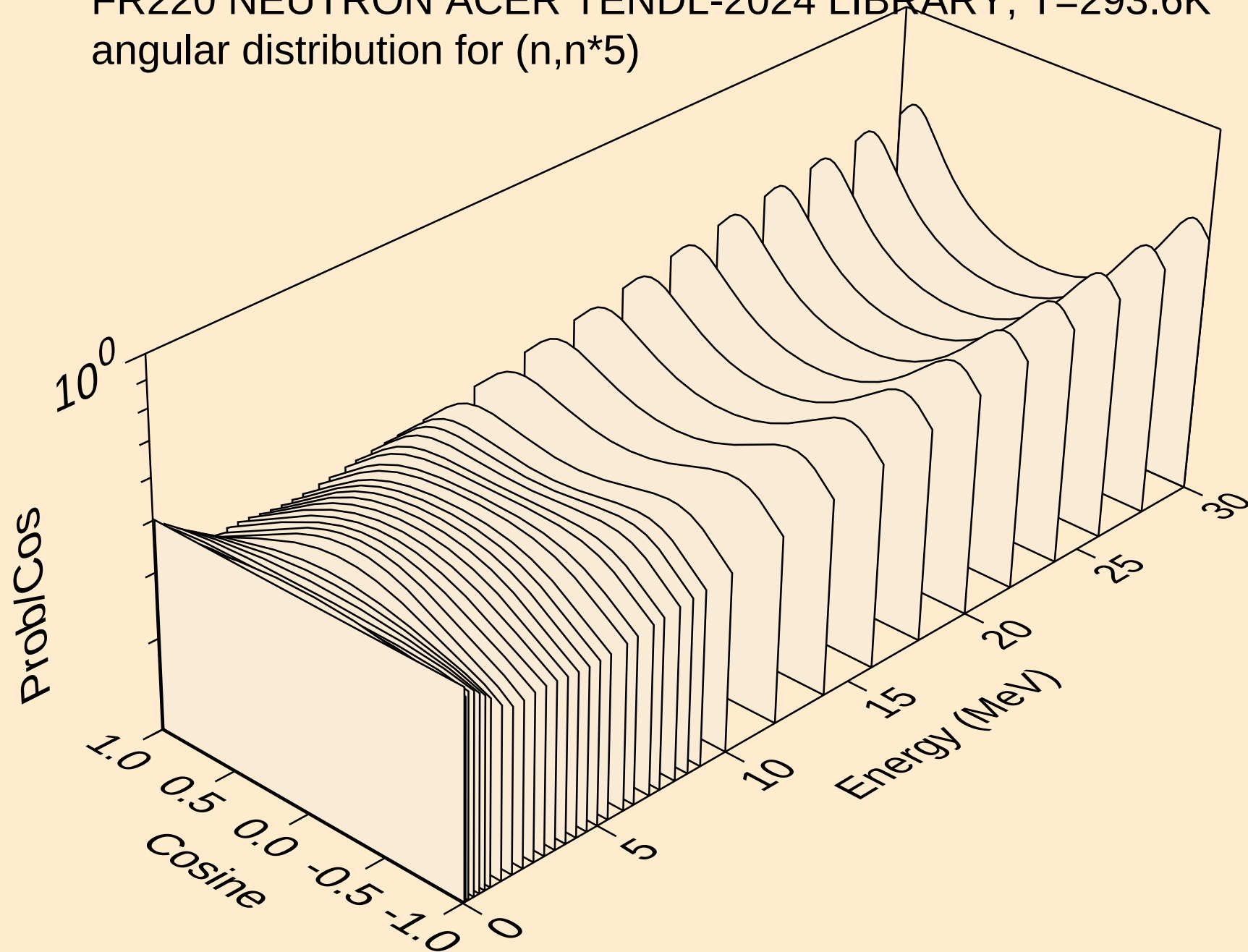
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



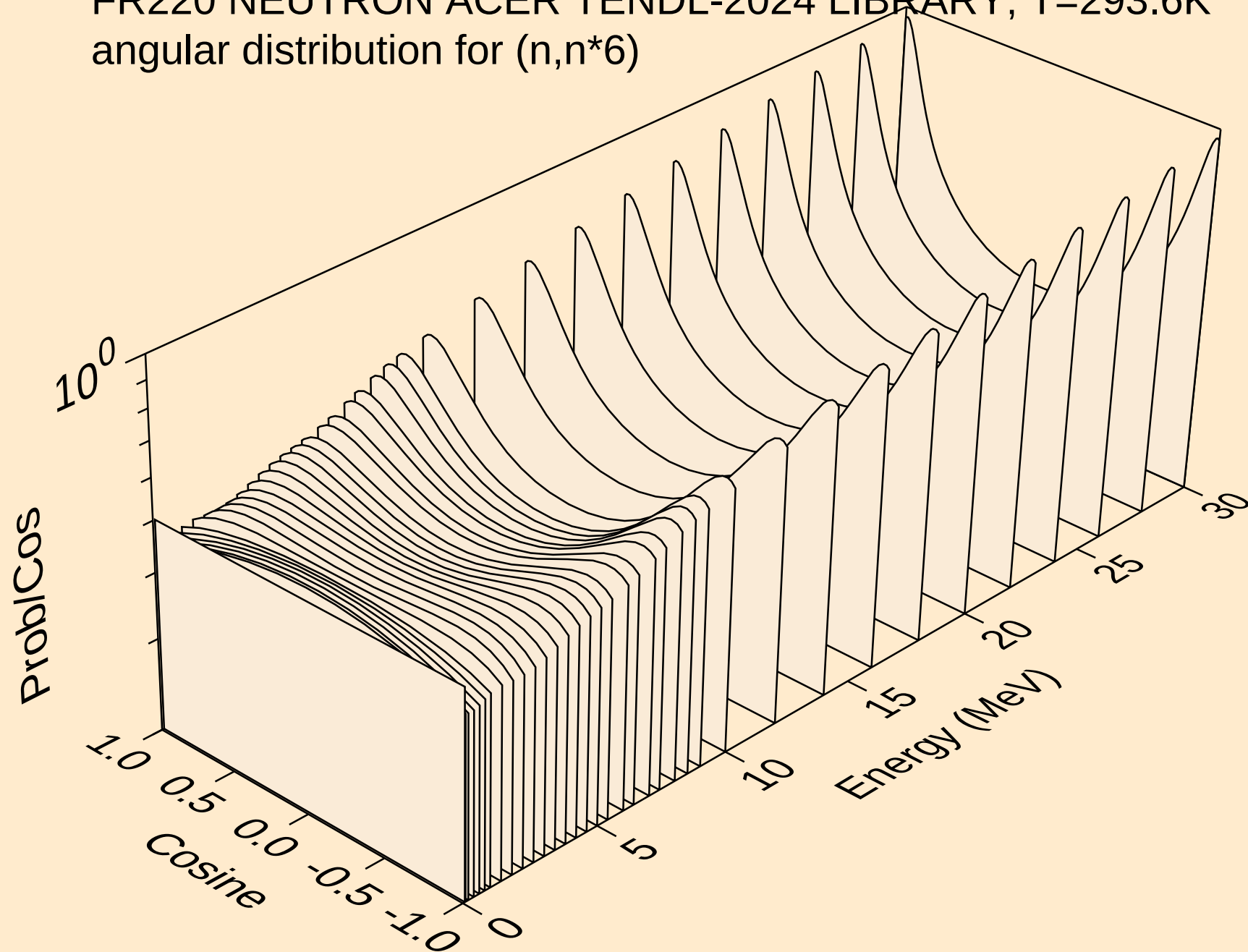
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



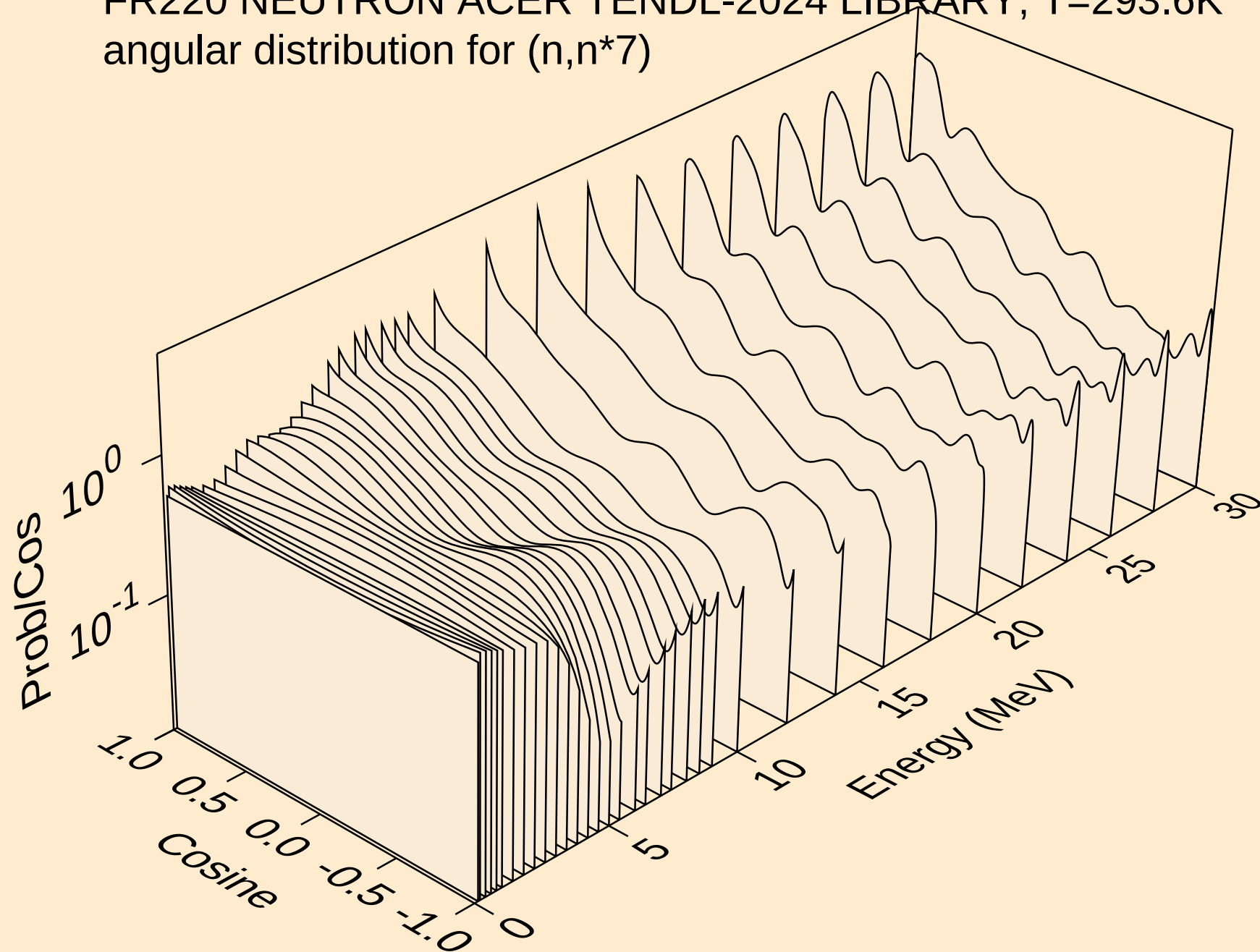
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



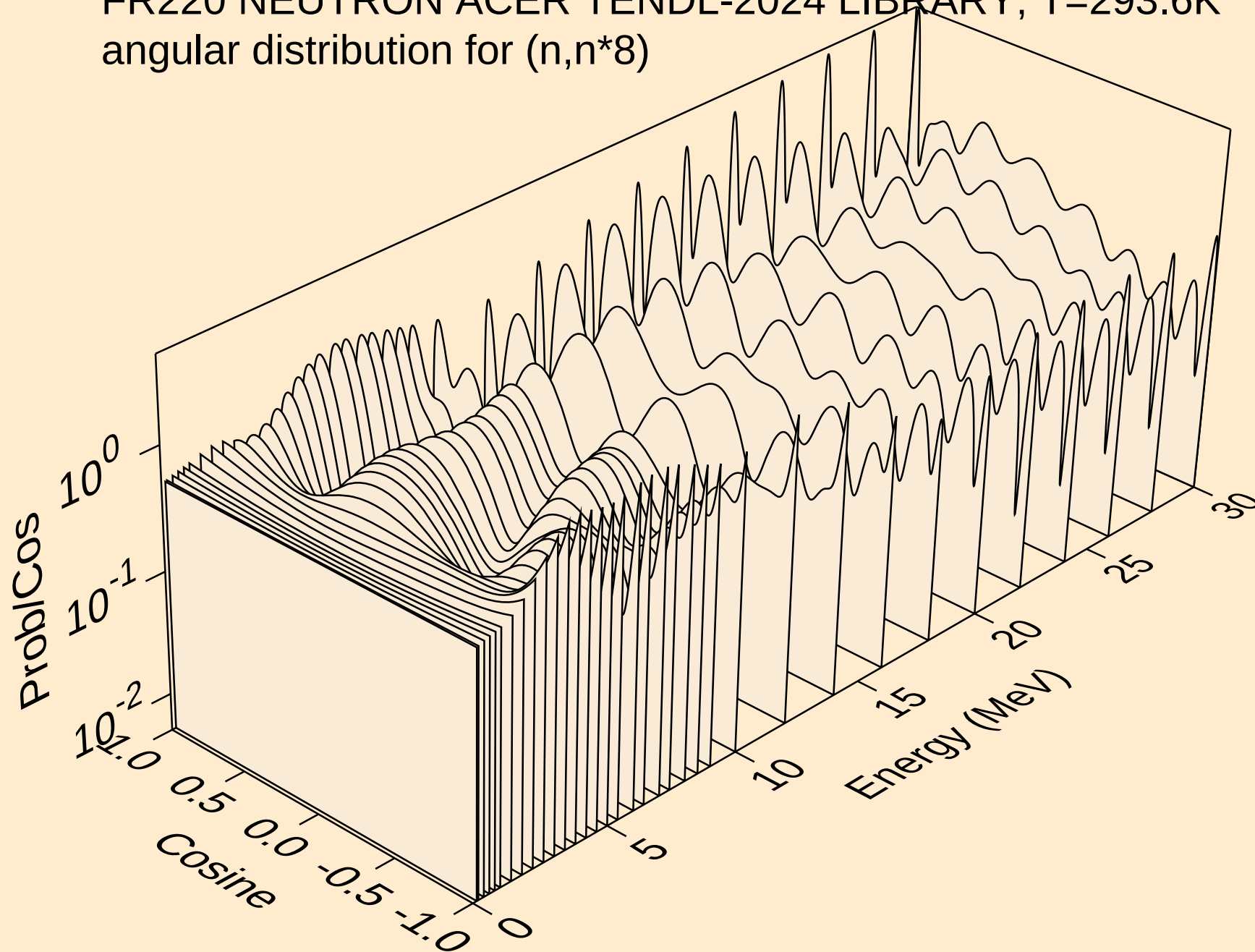
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



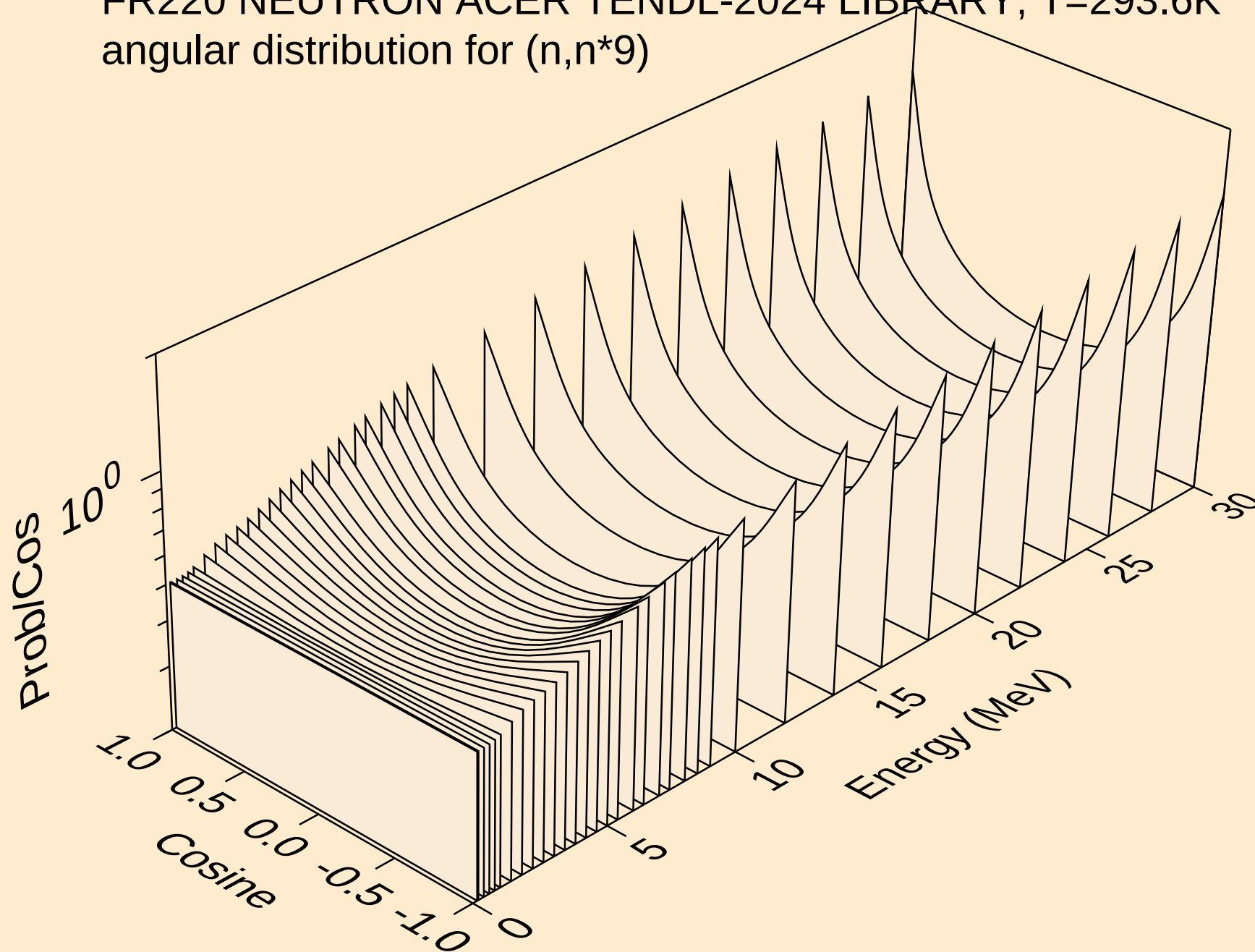
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



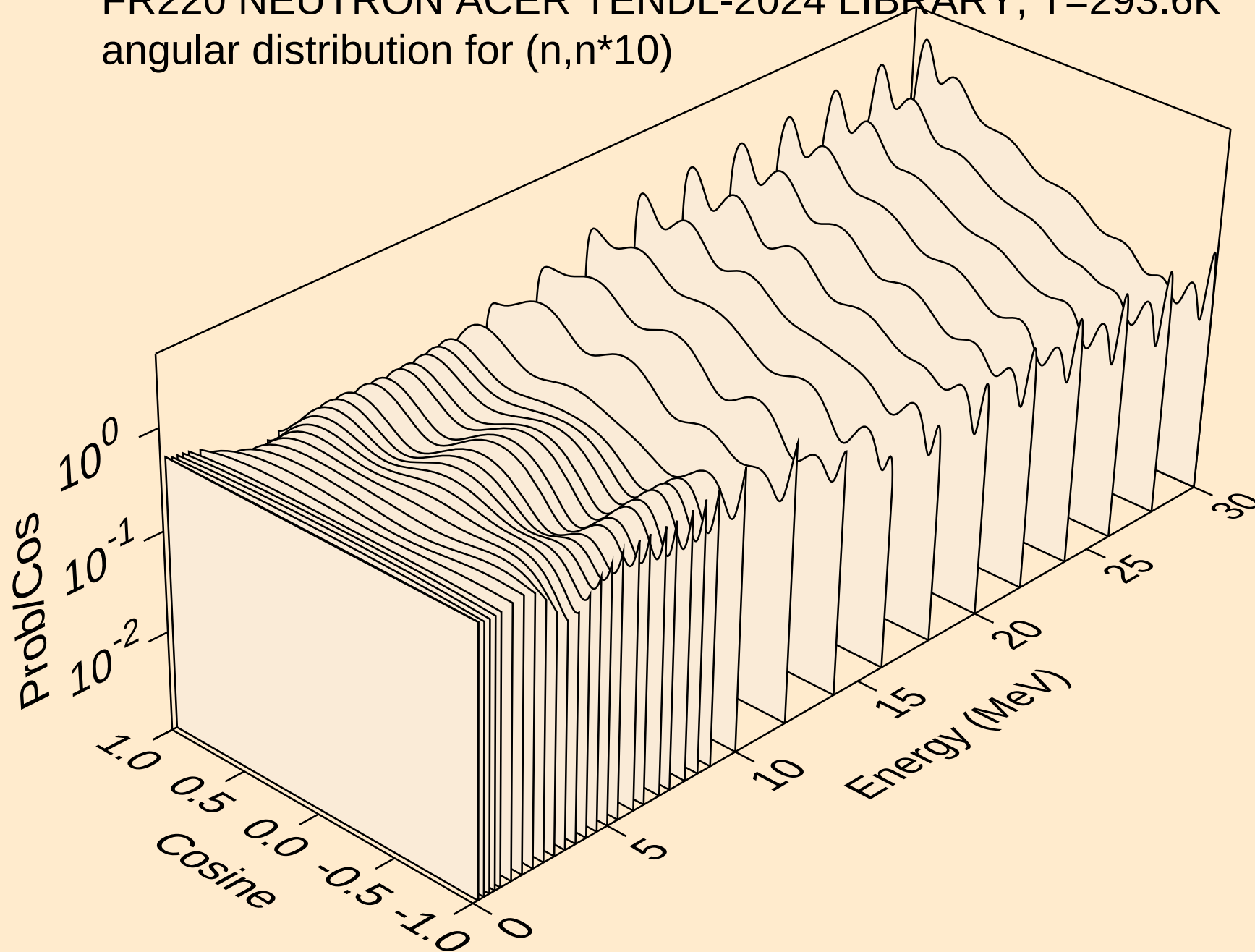
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



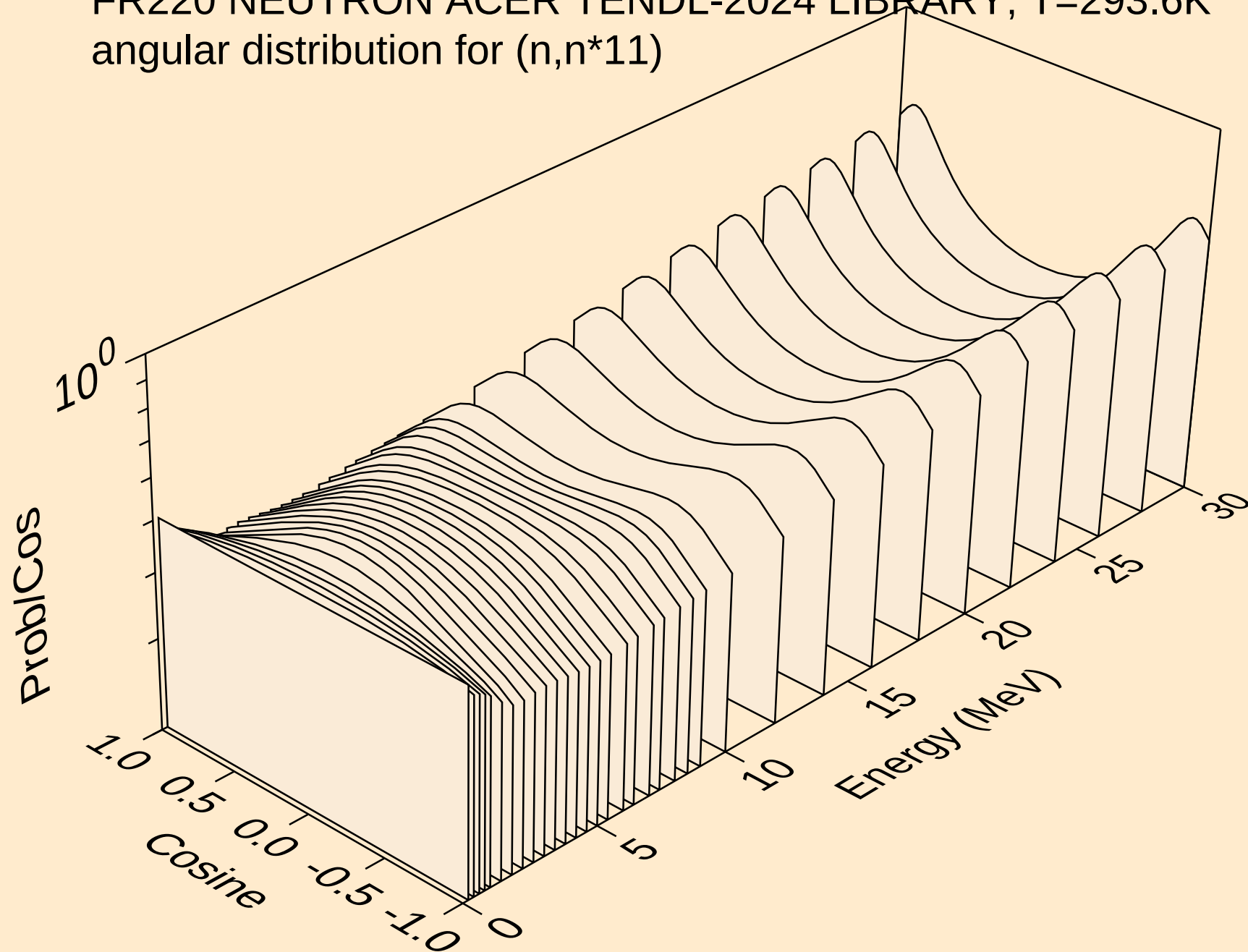
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



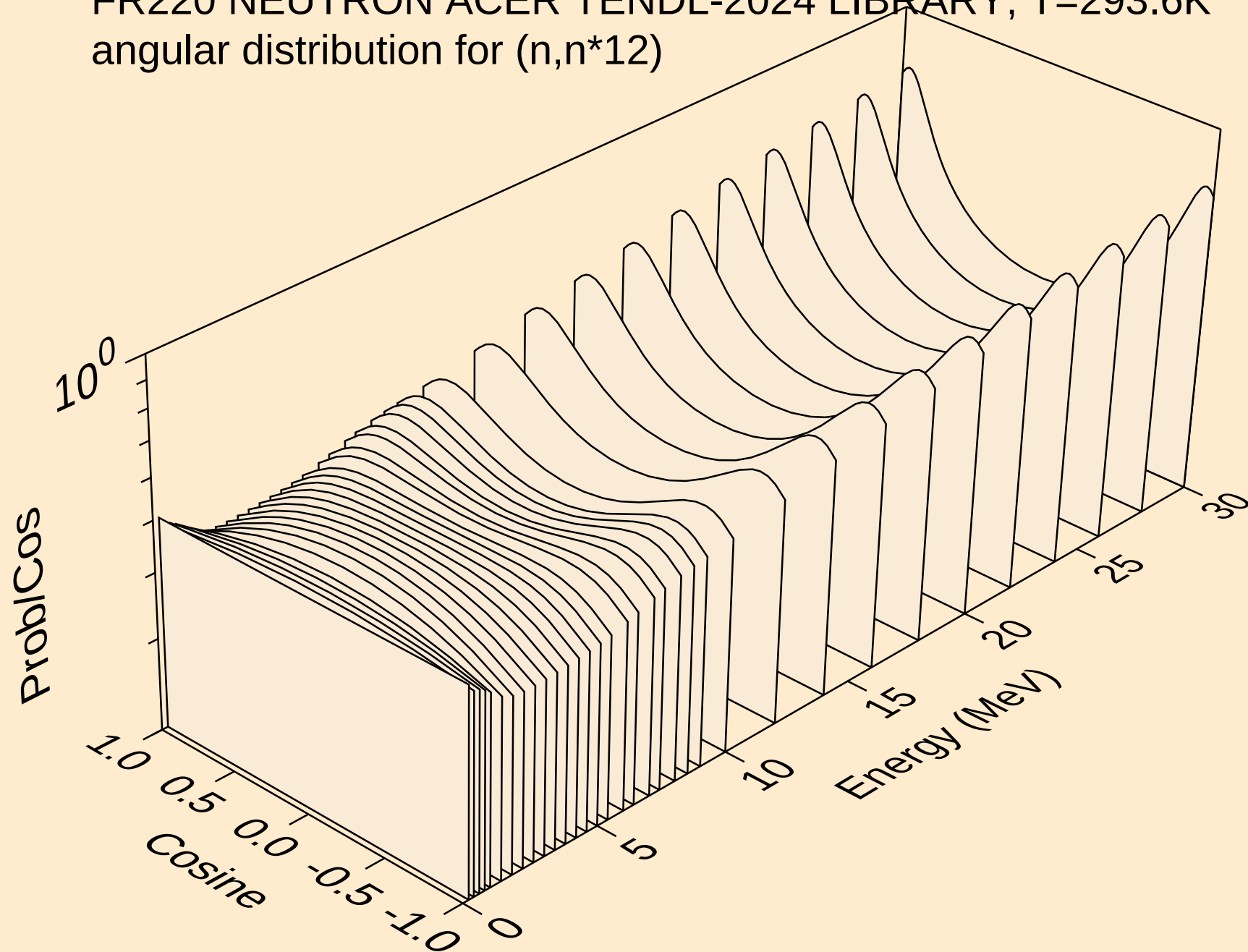
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



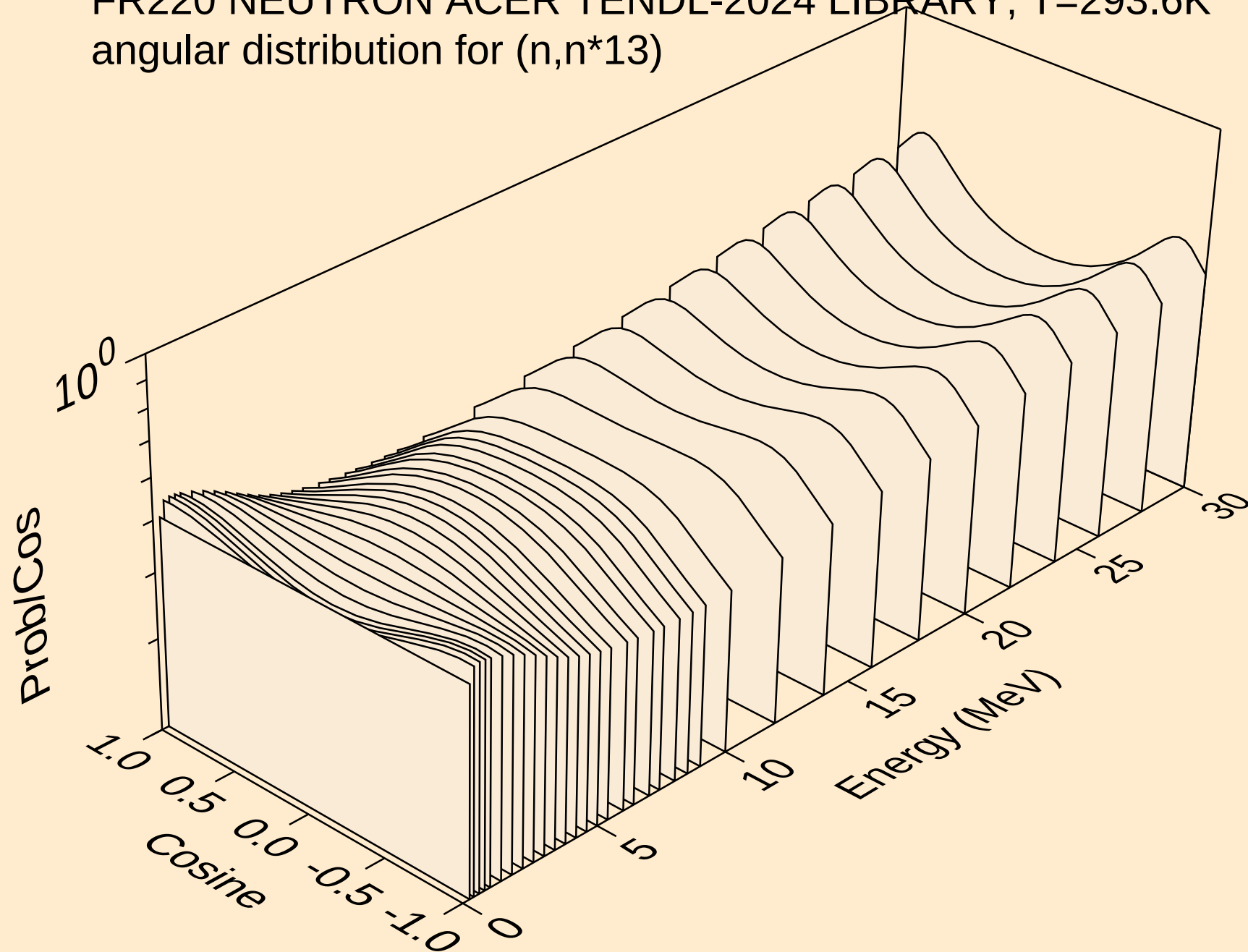
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



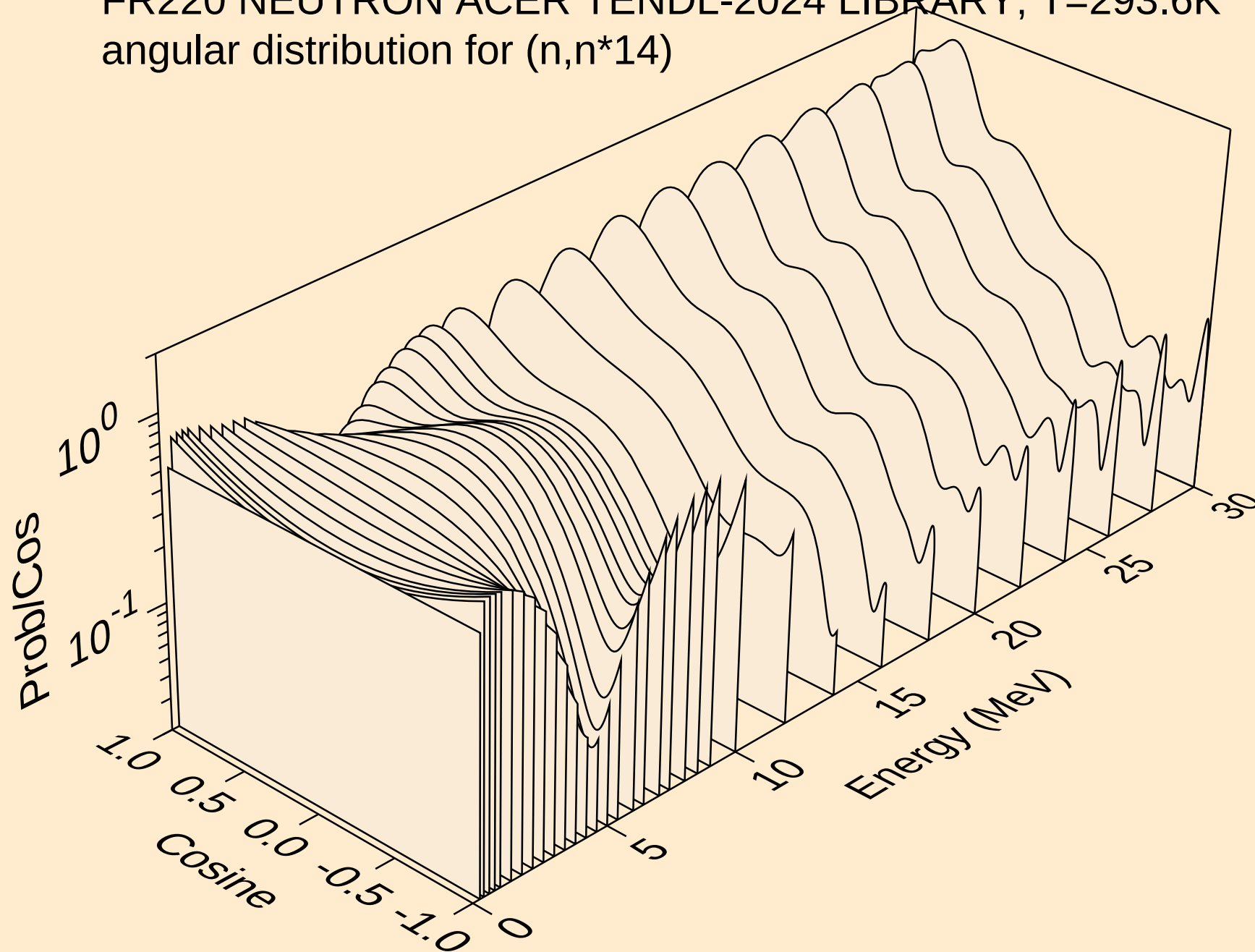
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angular distribution for (n,n*12)



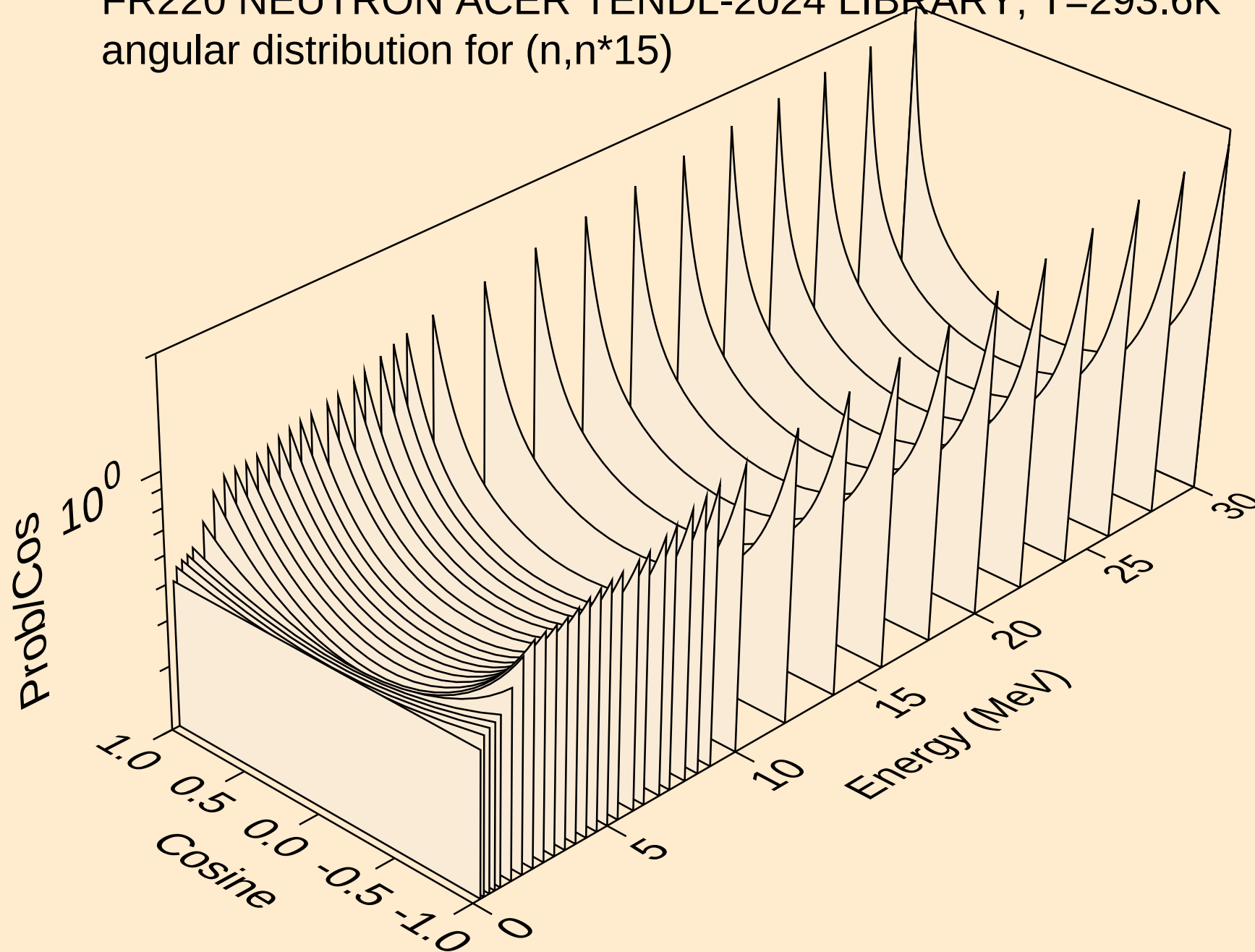
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



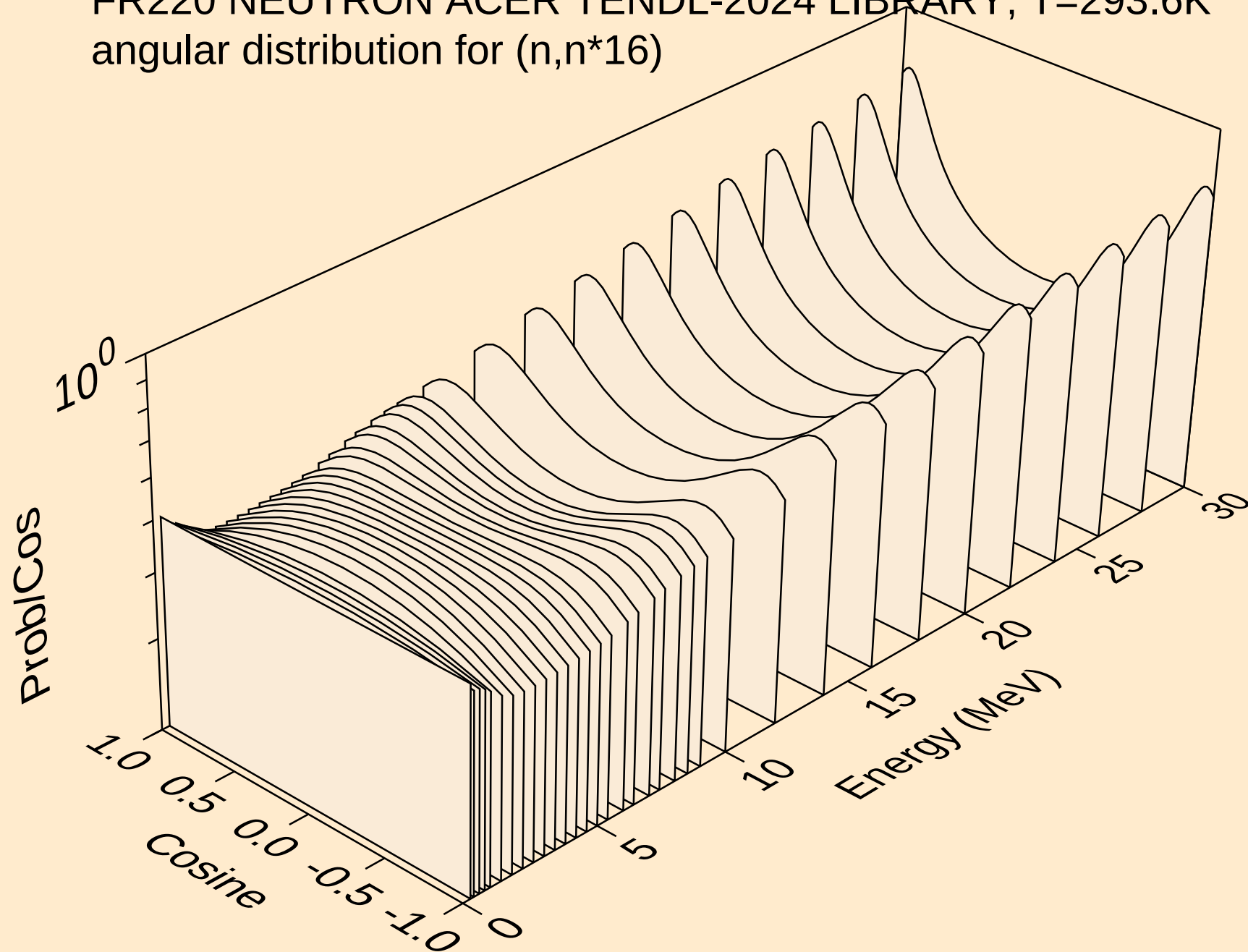
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angular distribution for (n,n*14)



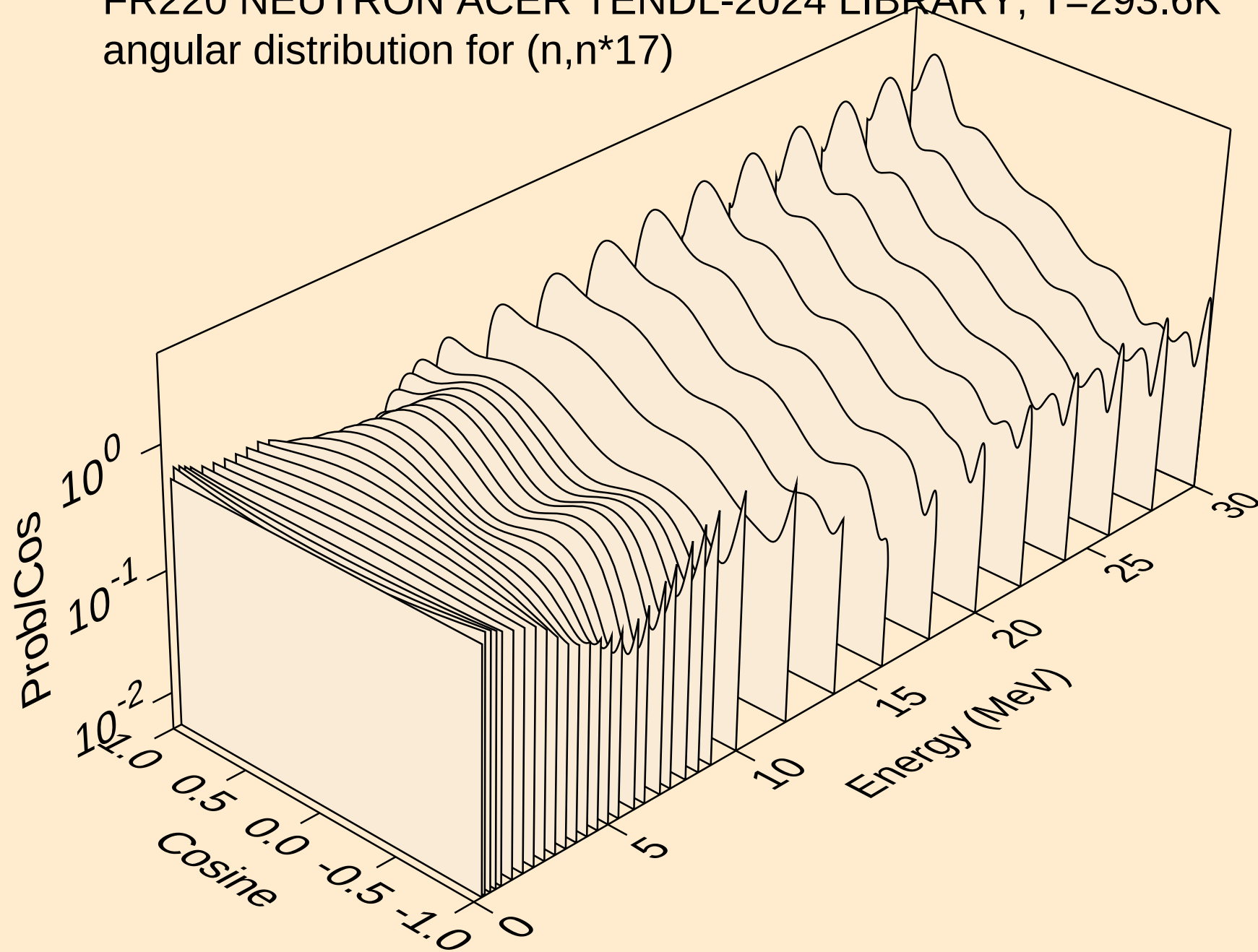
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



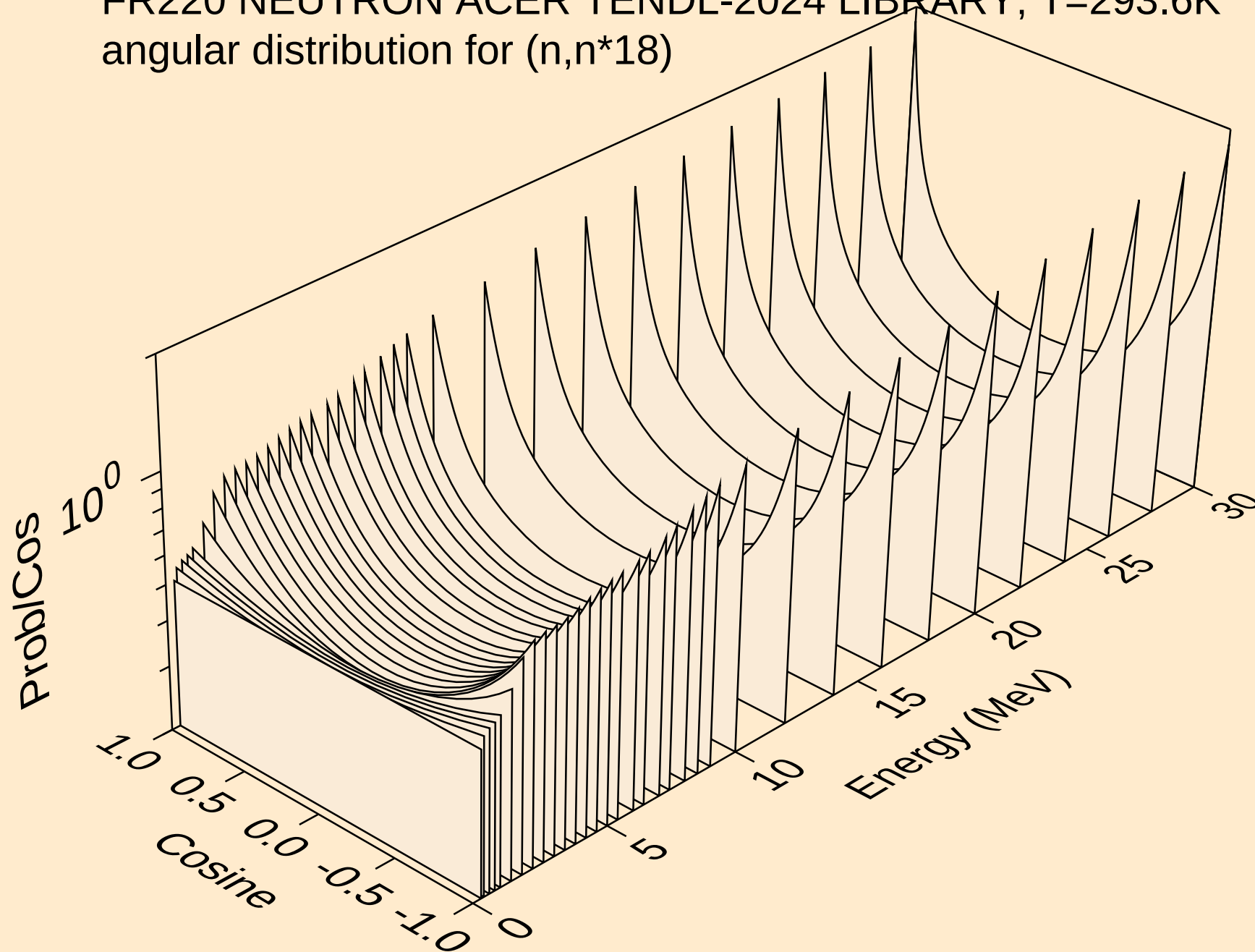
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



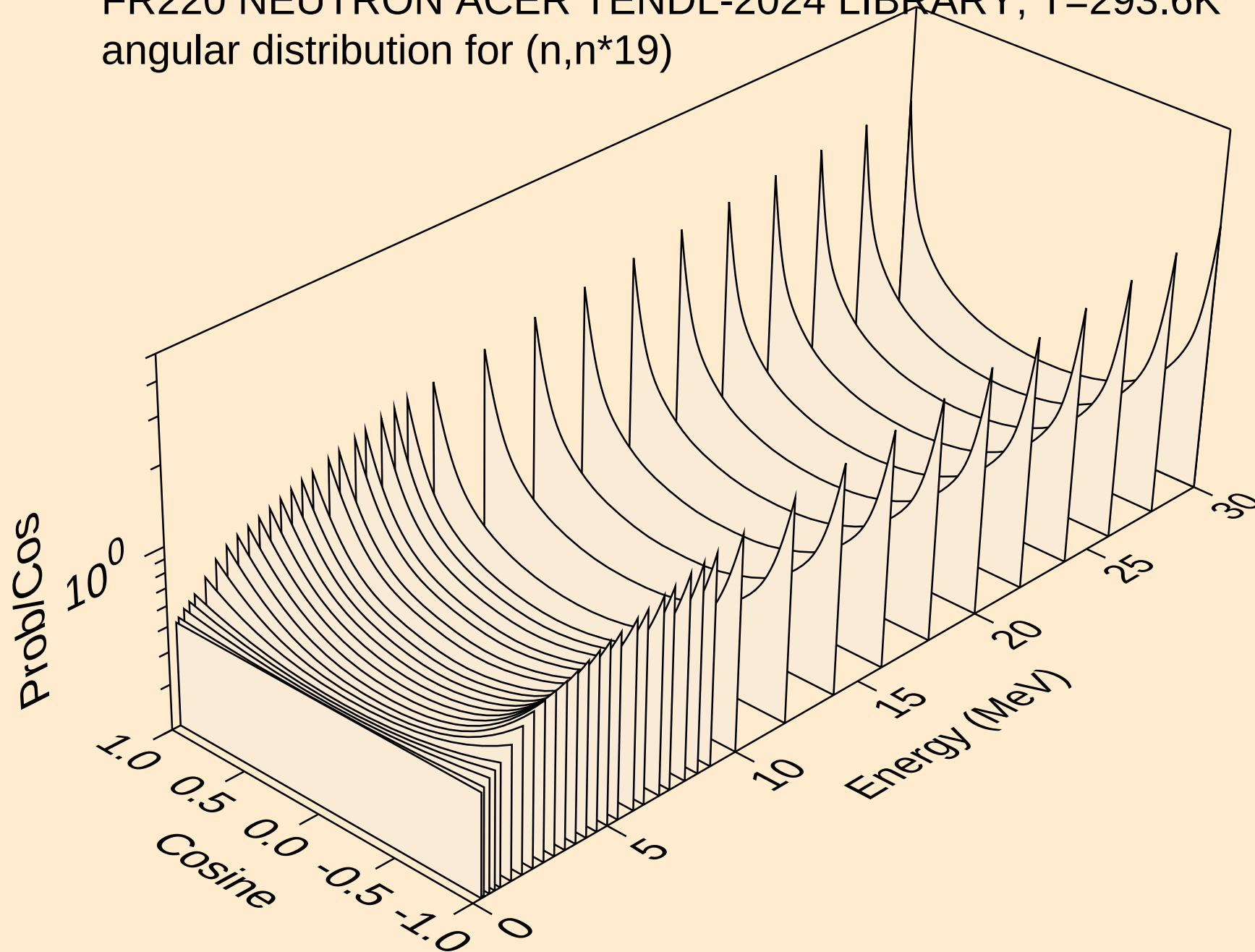
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



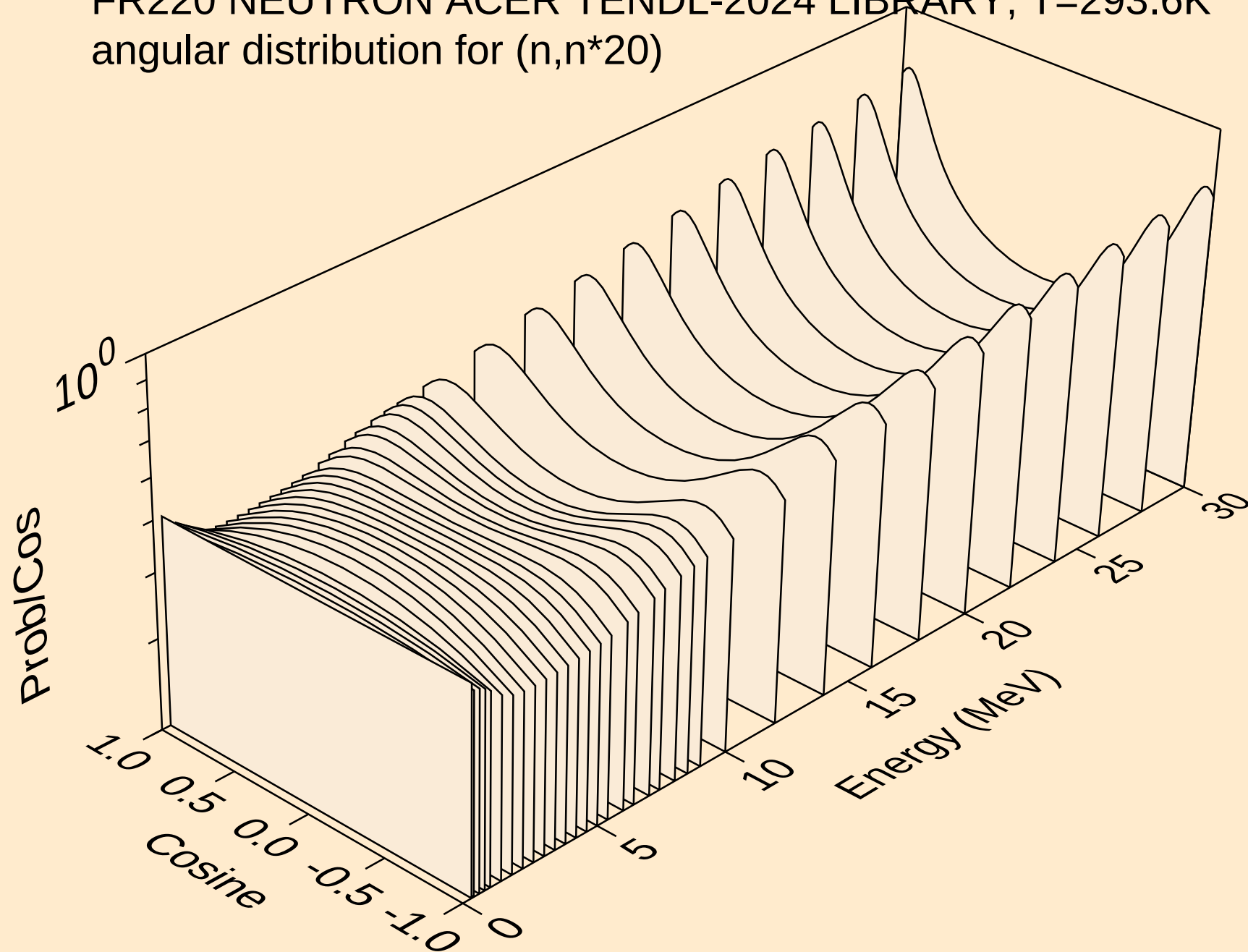
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



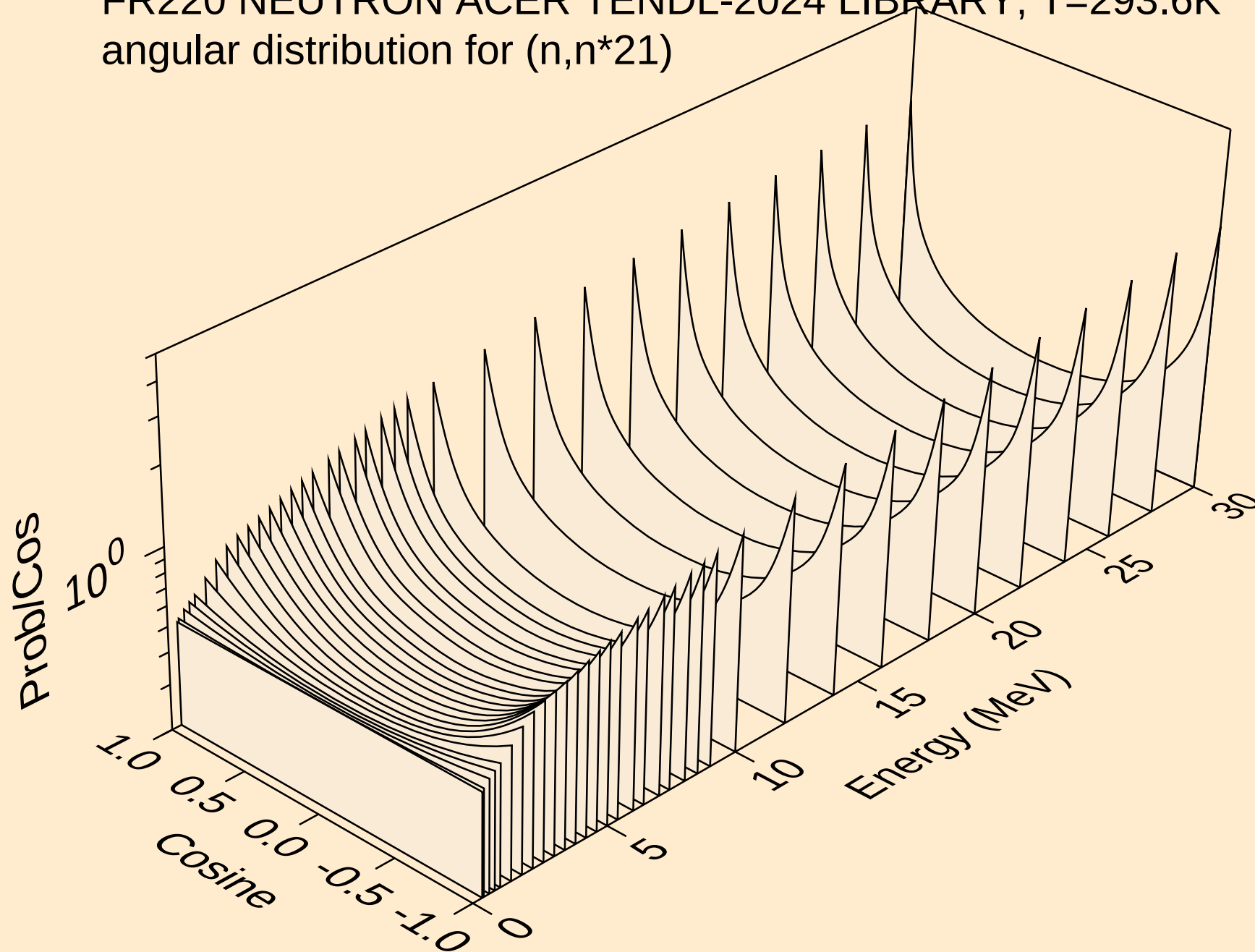
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angular distribution for (n,n*19)



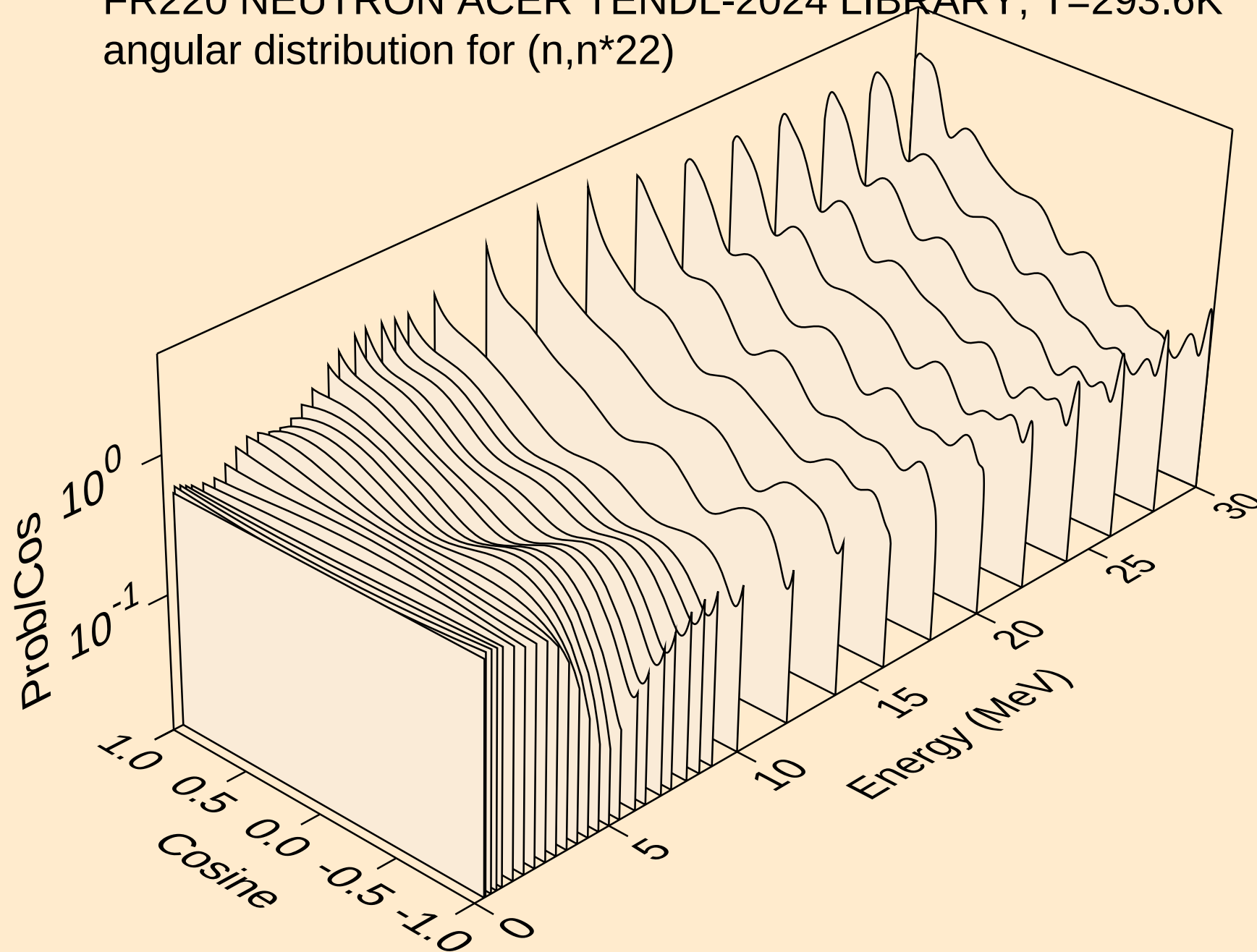
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



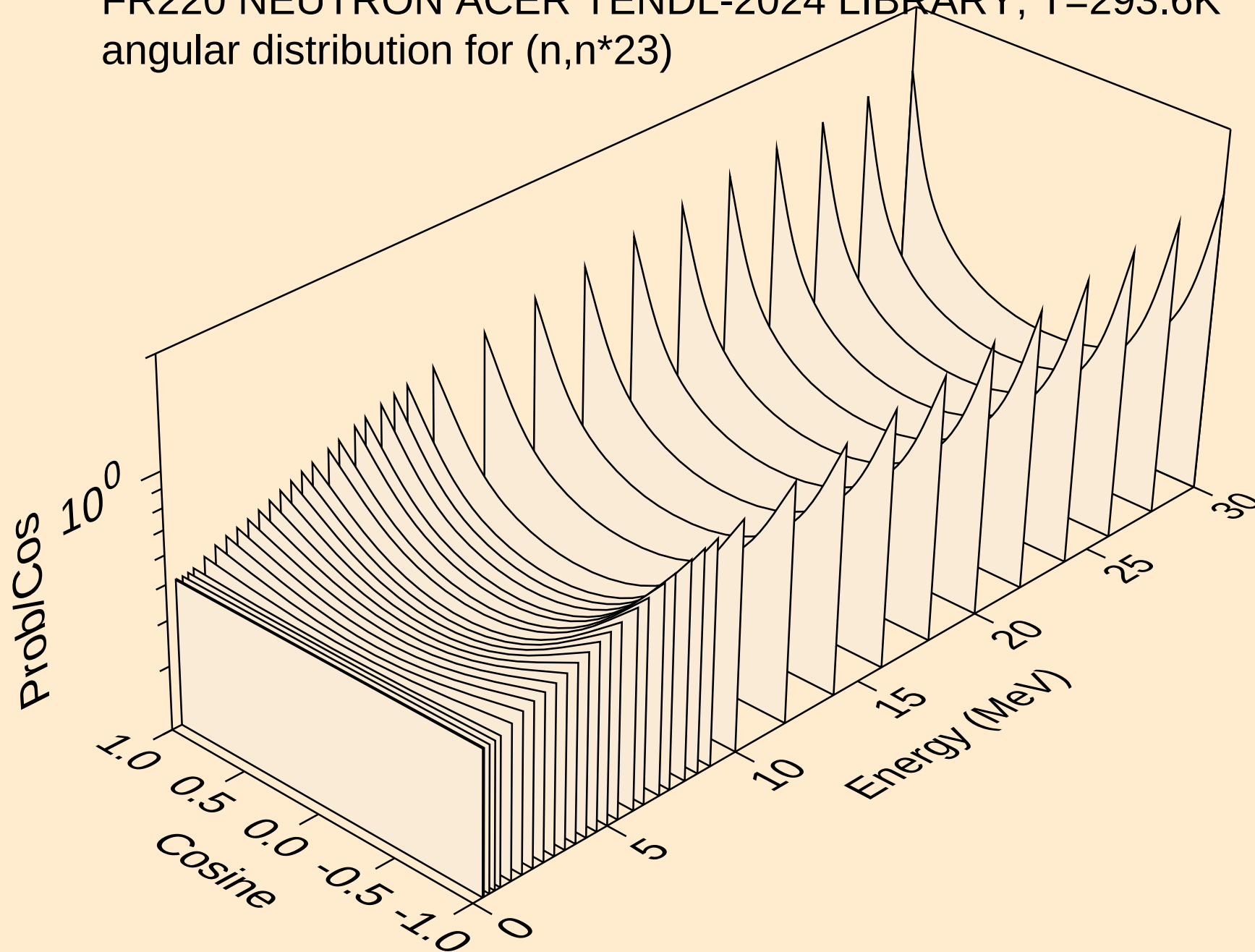
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



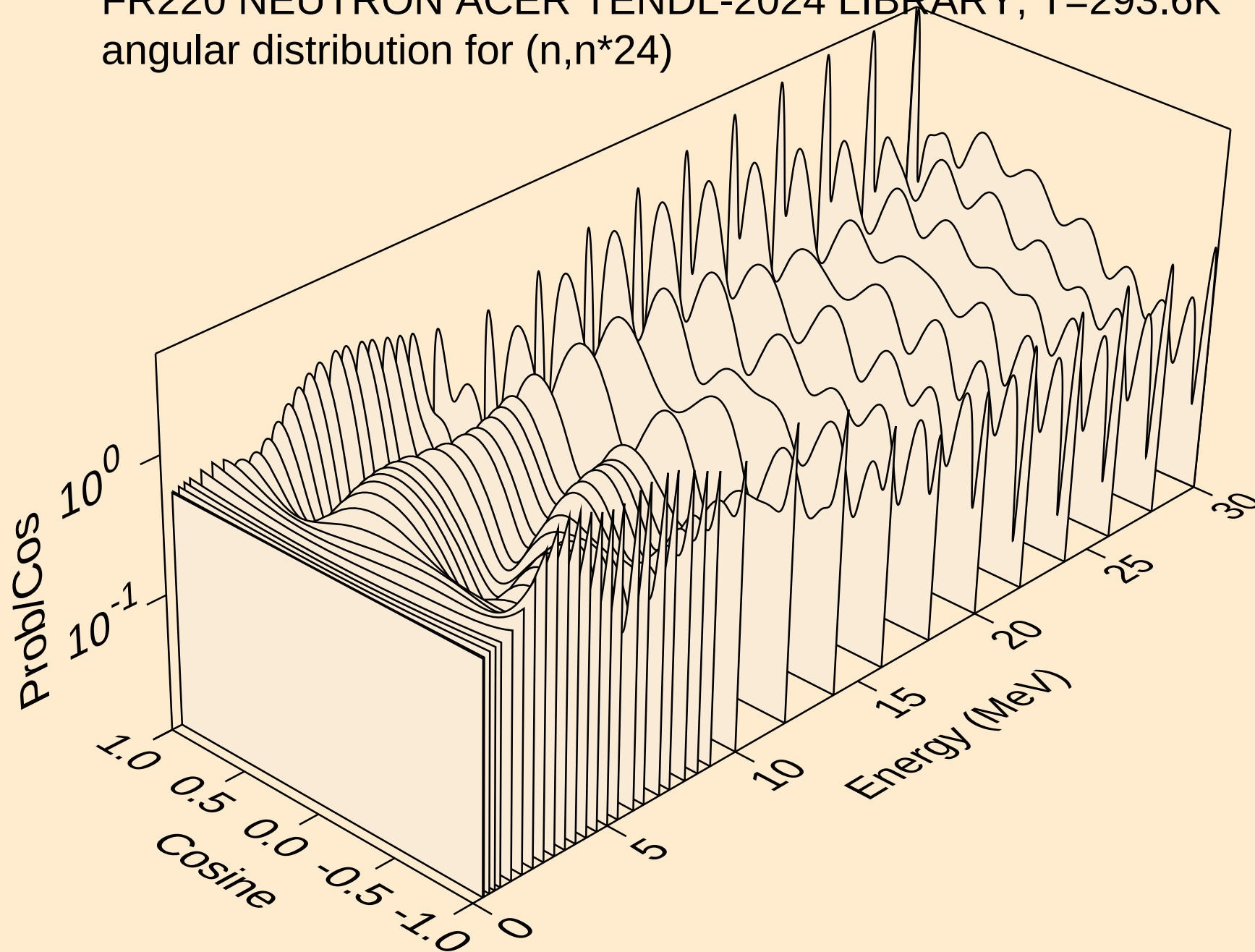
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



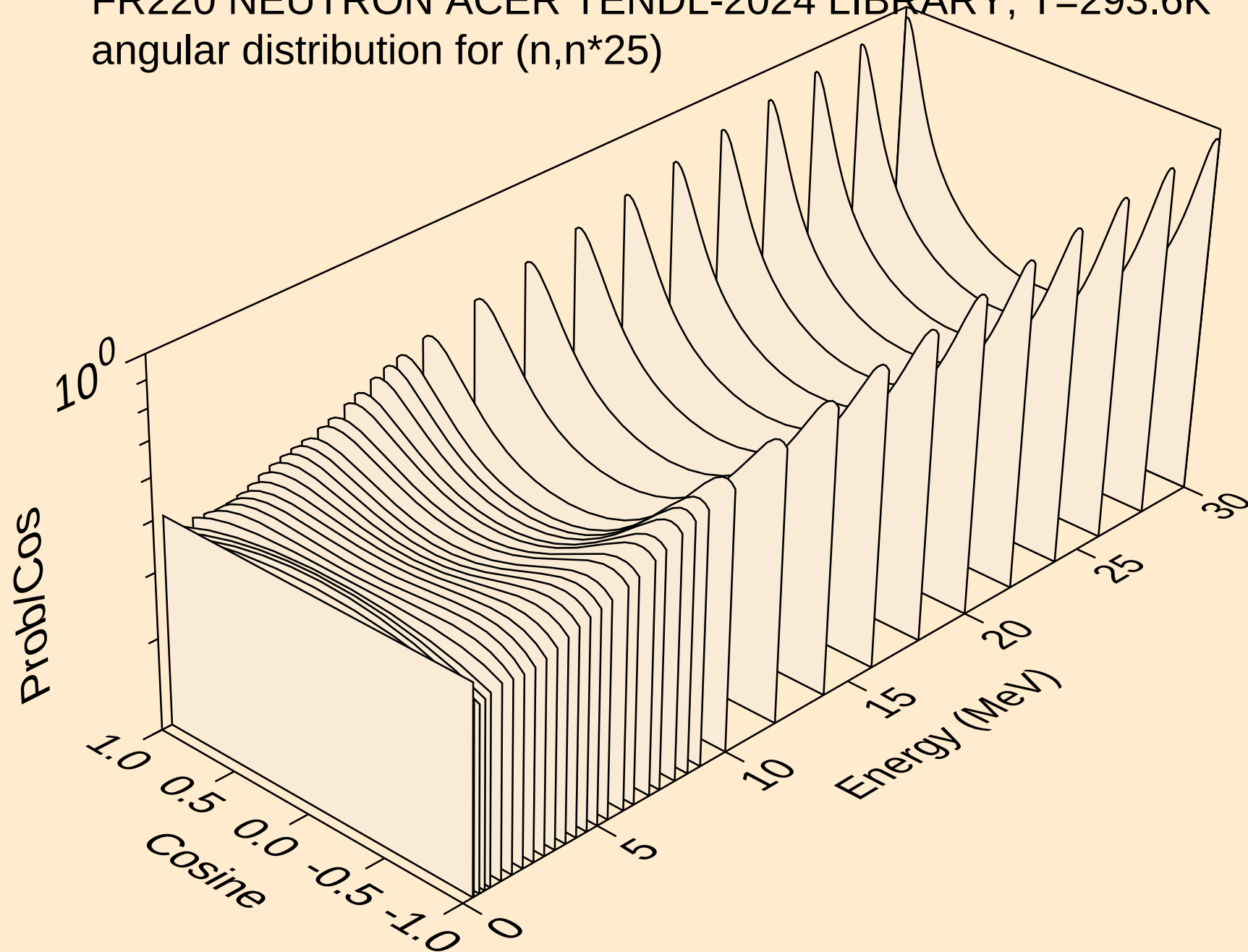
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



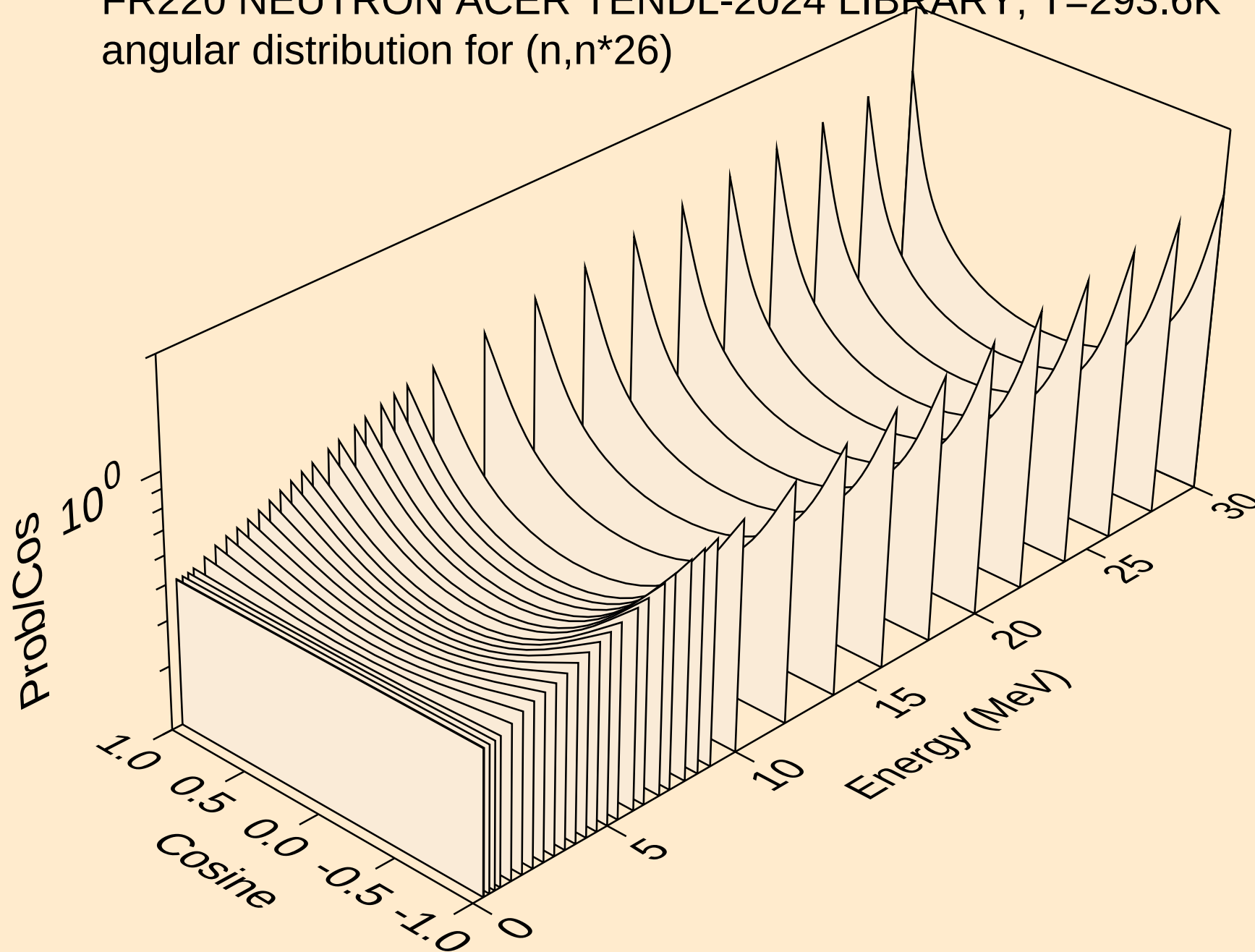
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



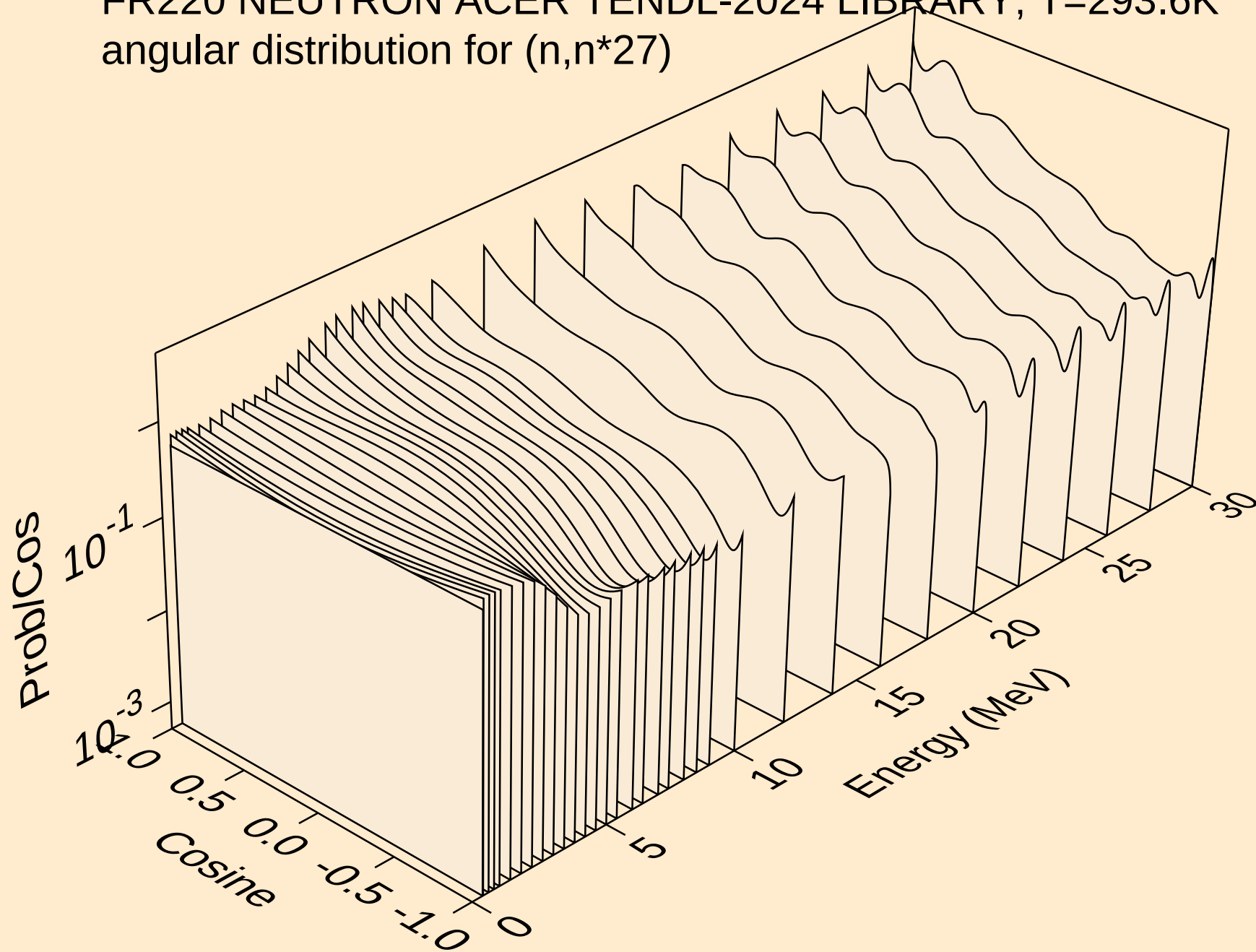
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



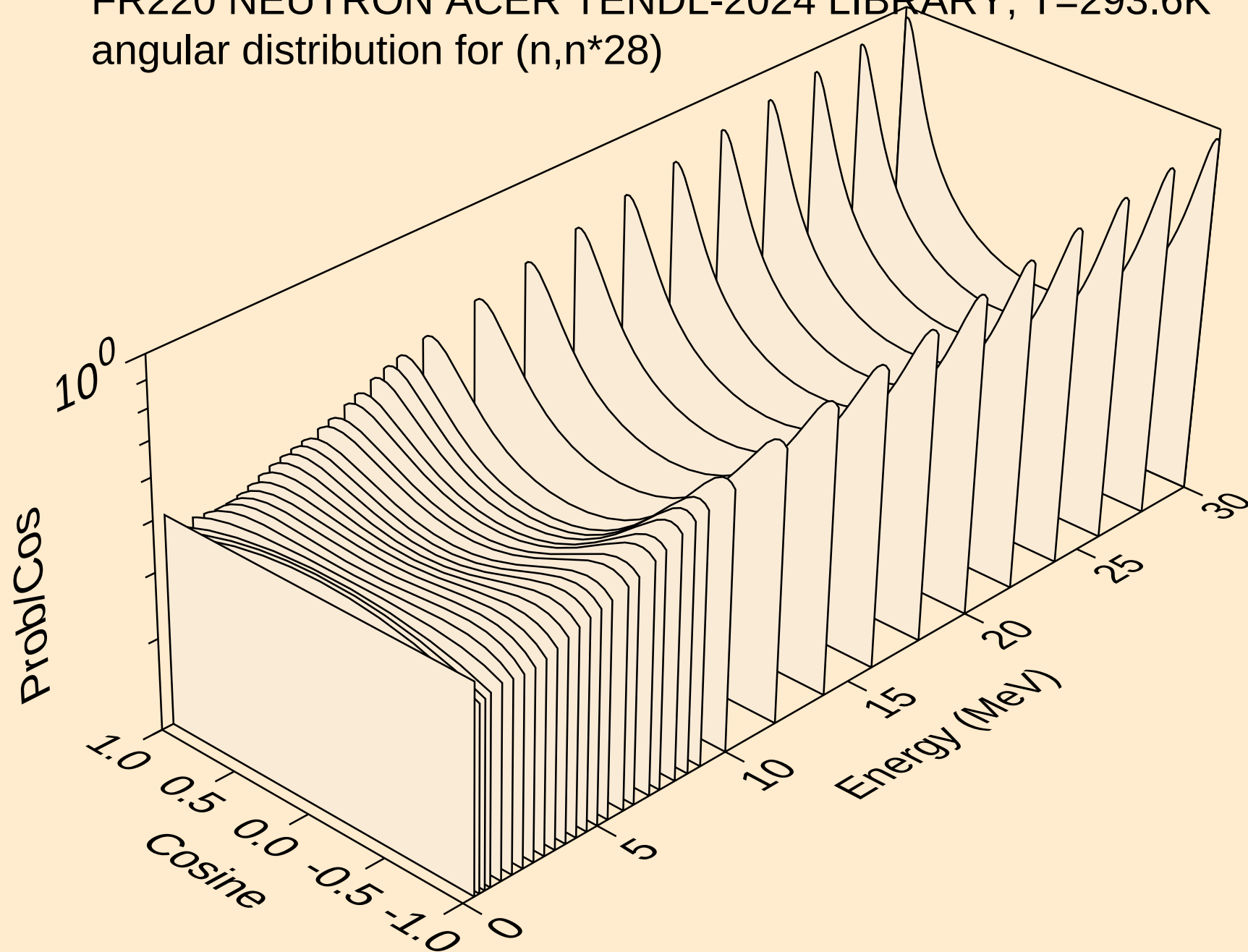
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)

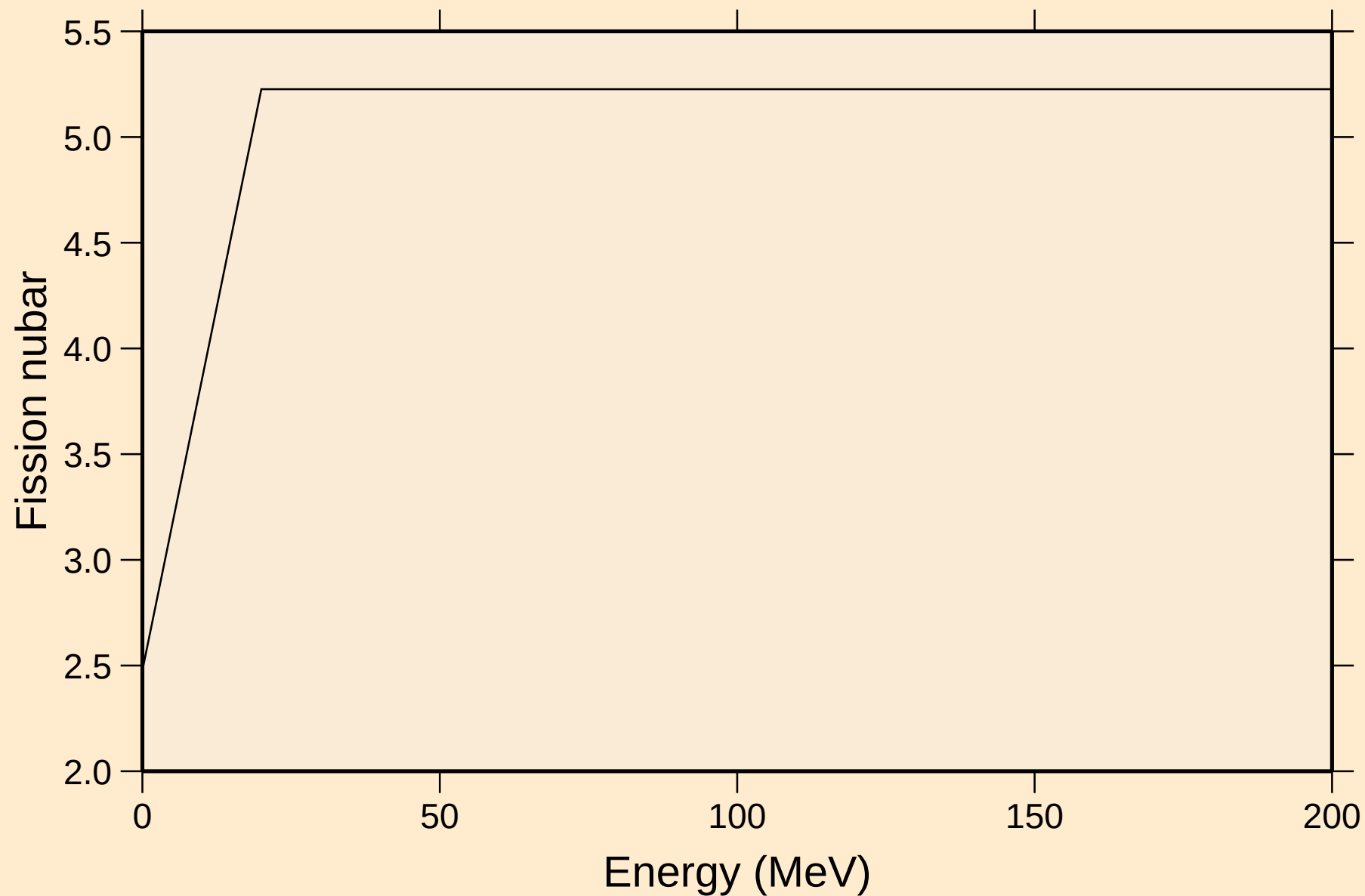


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)

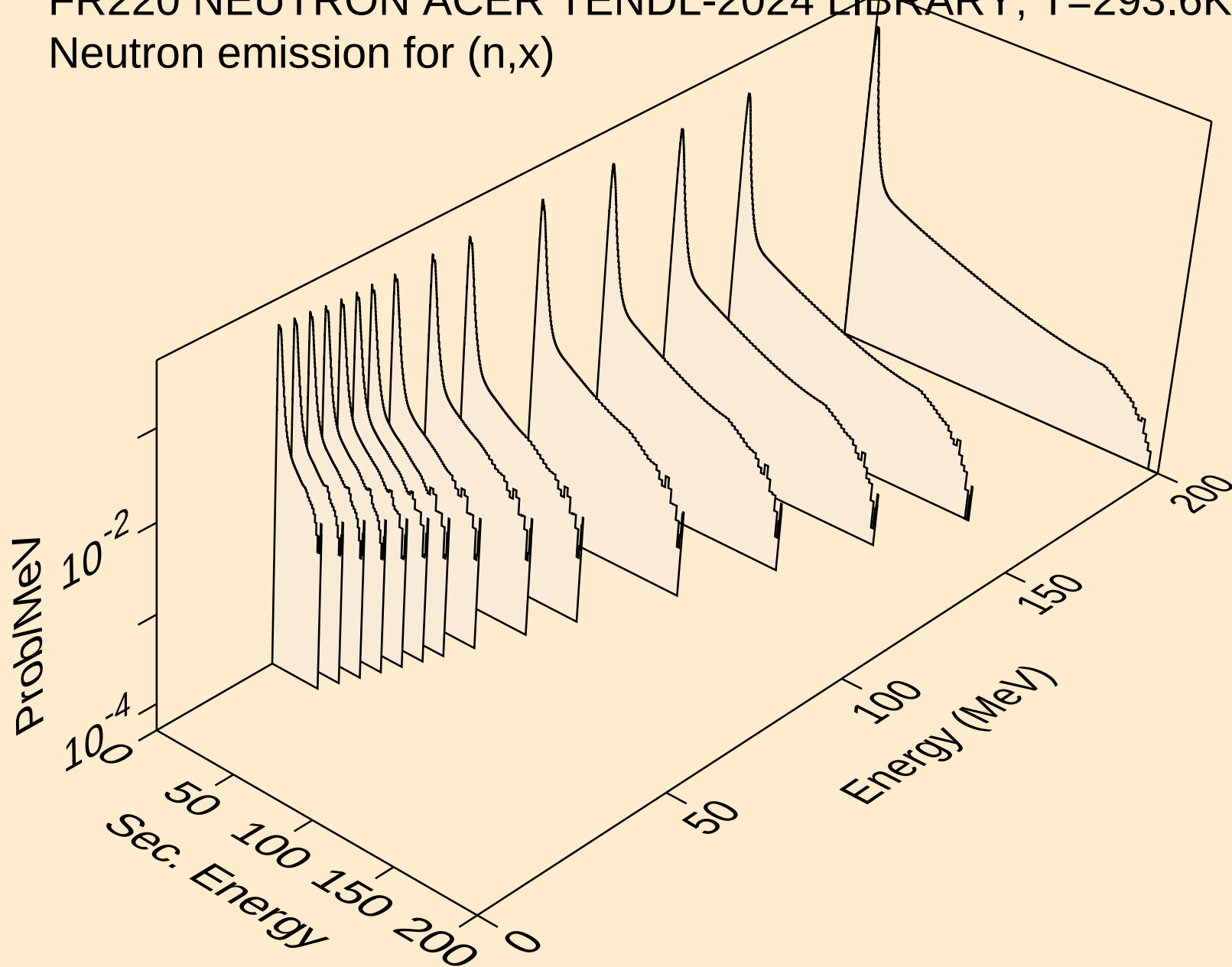


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

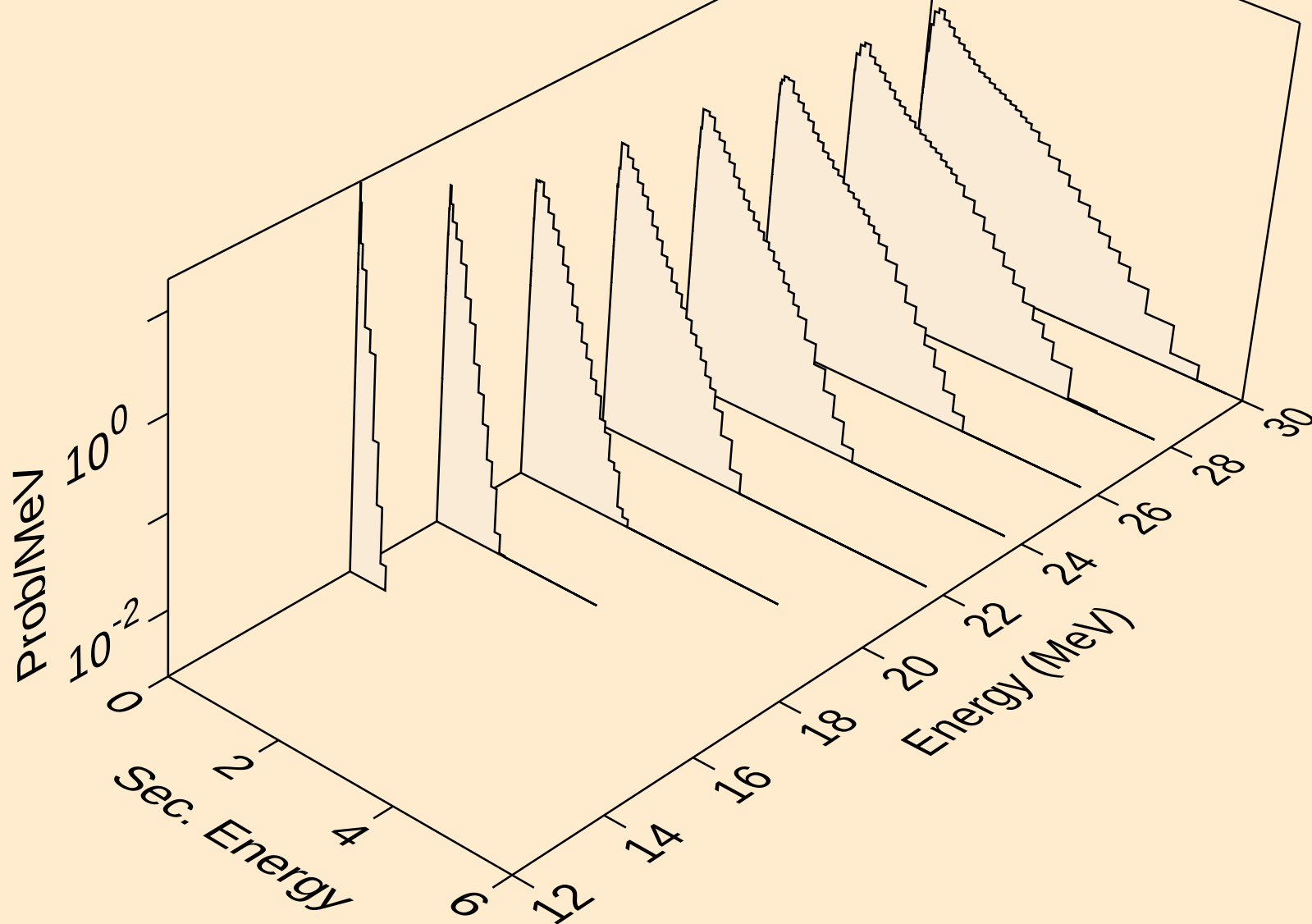
Total fission nubar



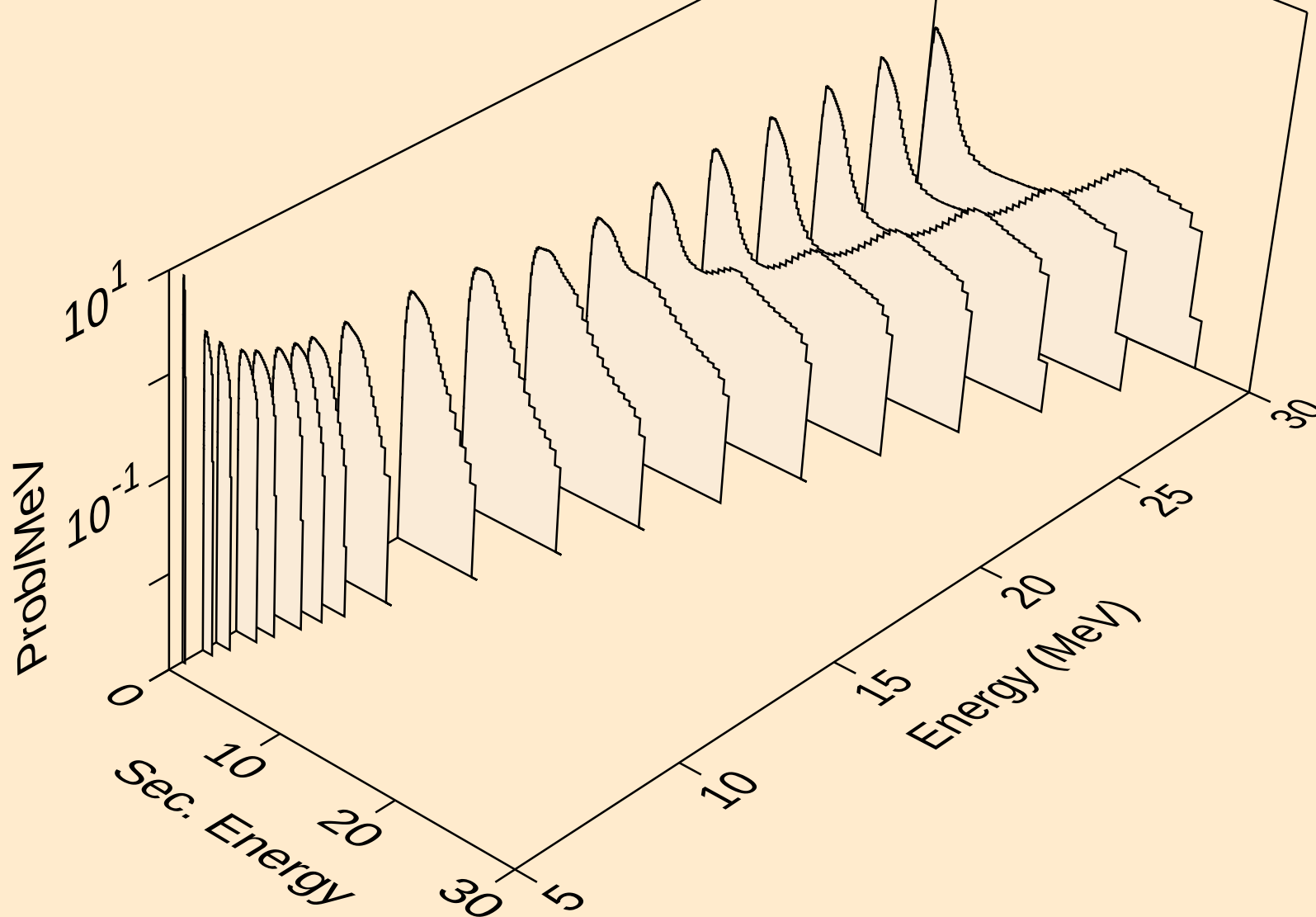
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



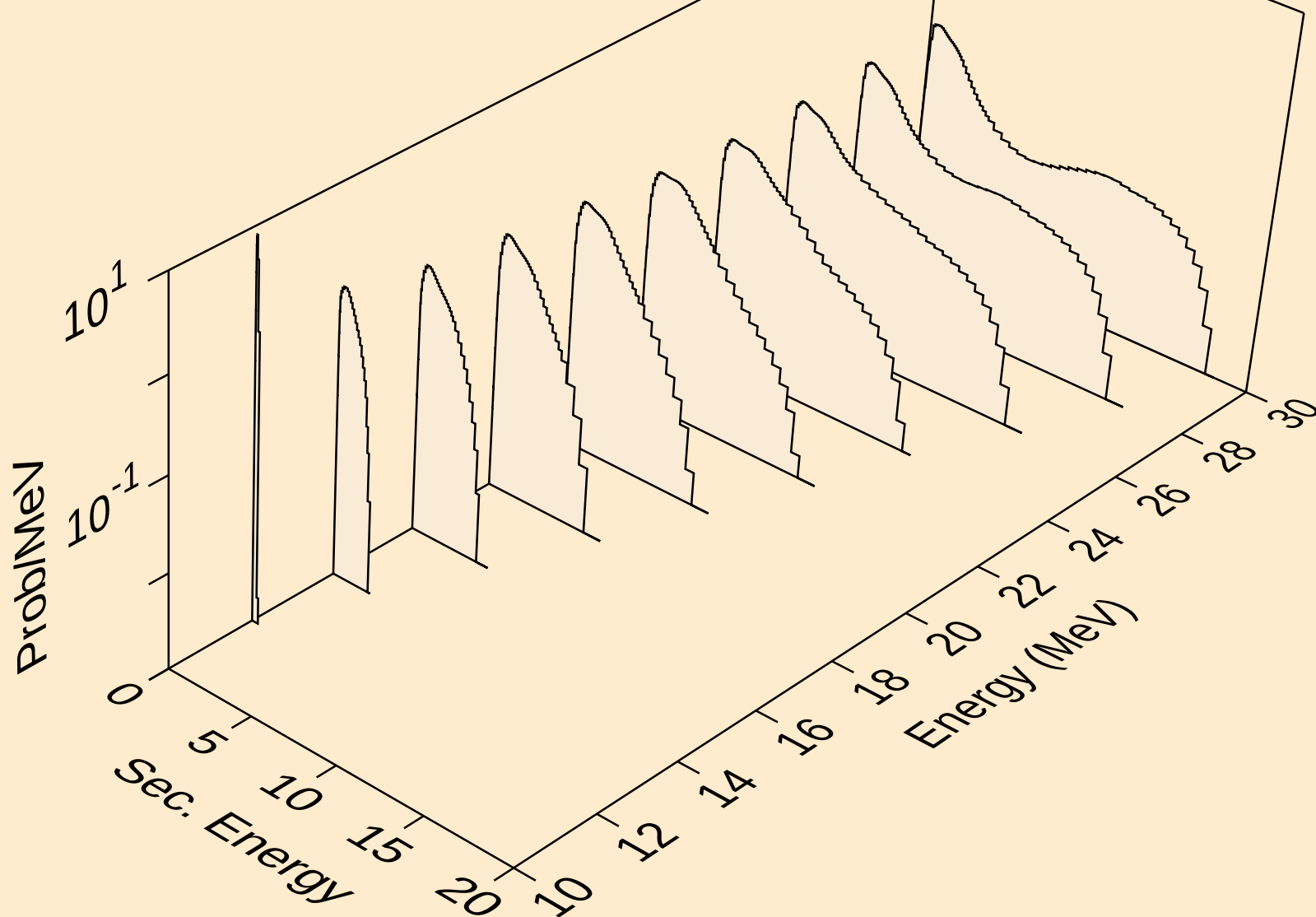
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



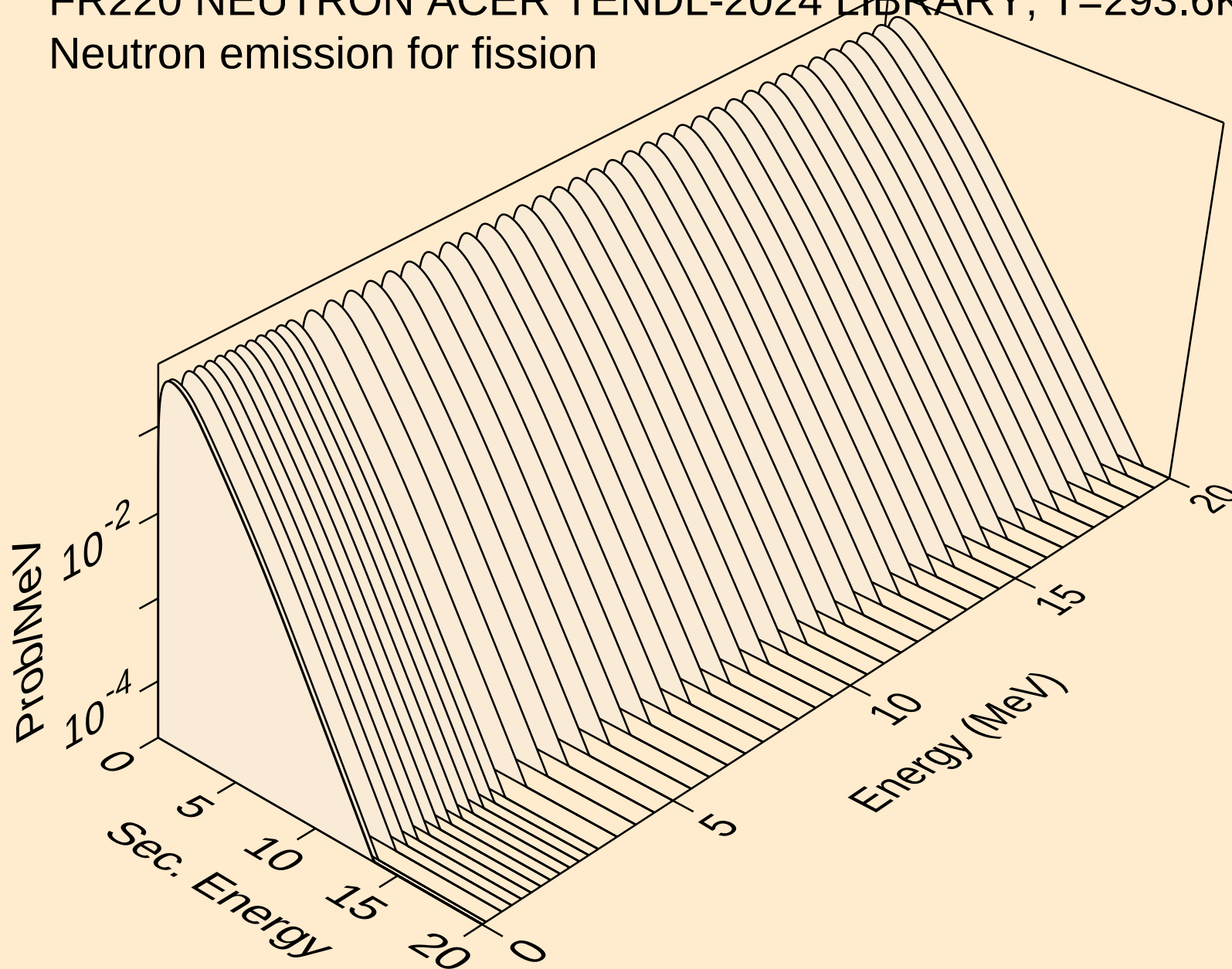
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



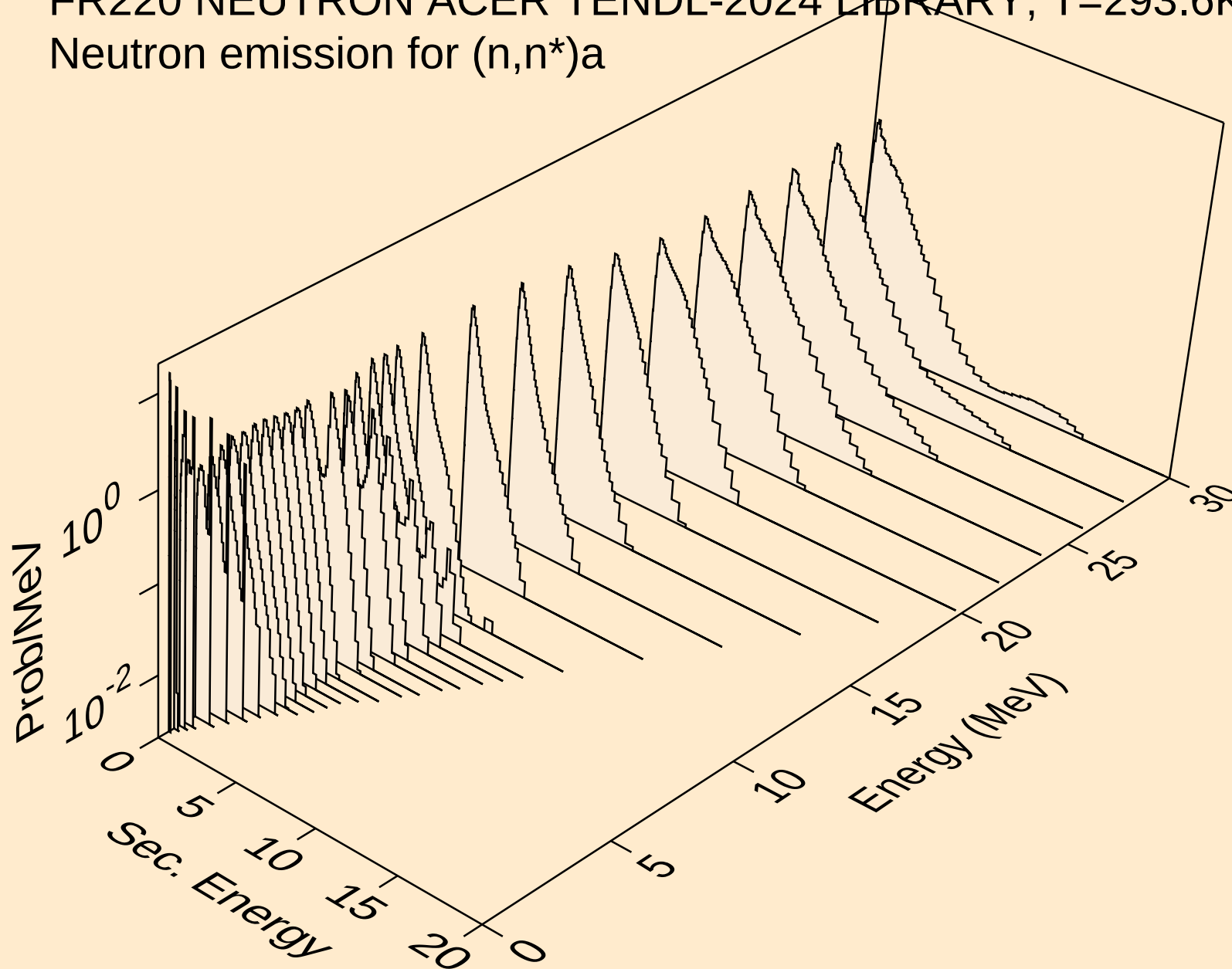
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



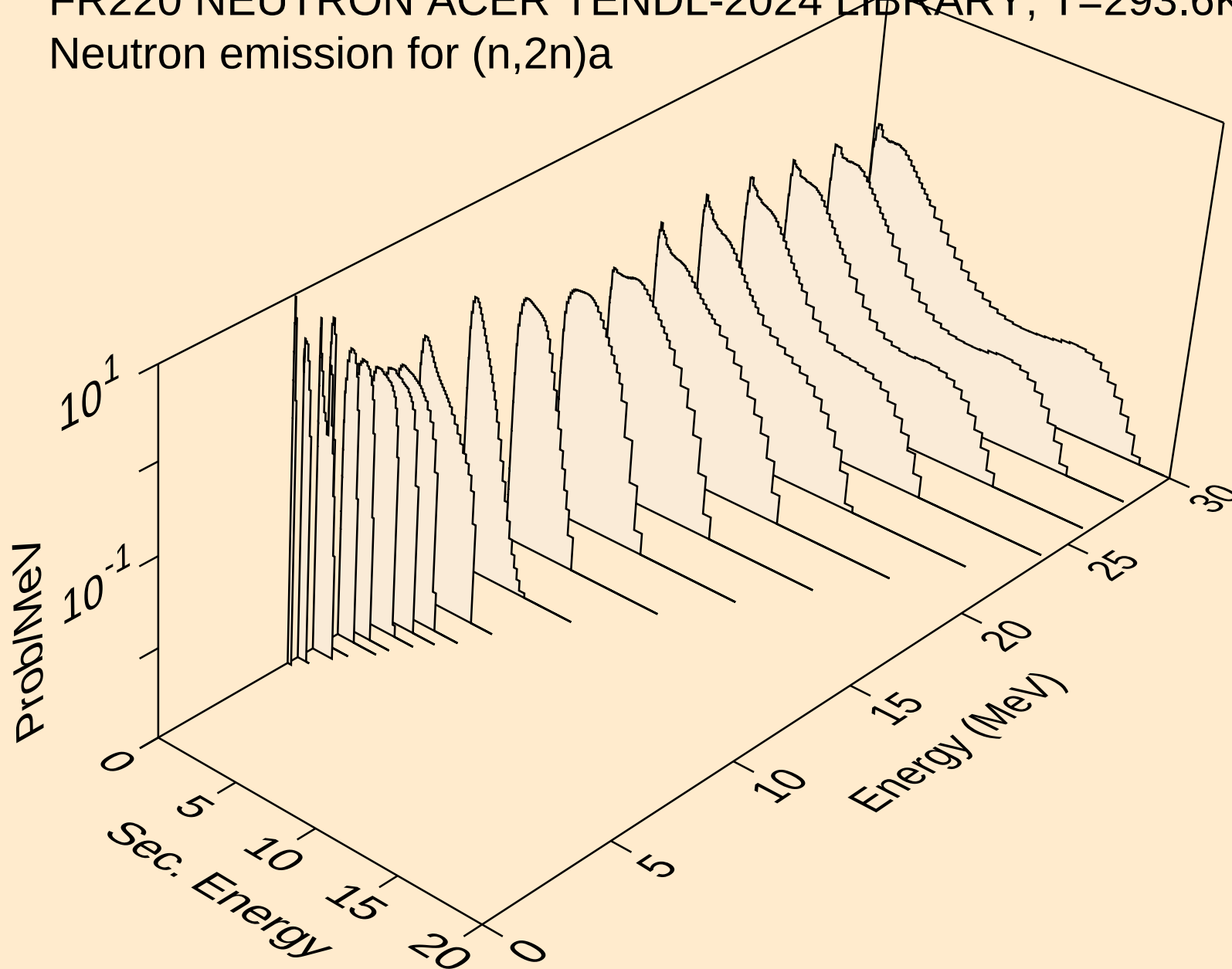
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for fission



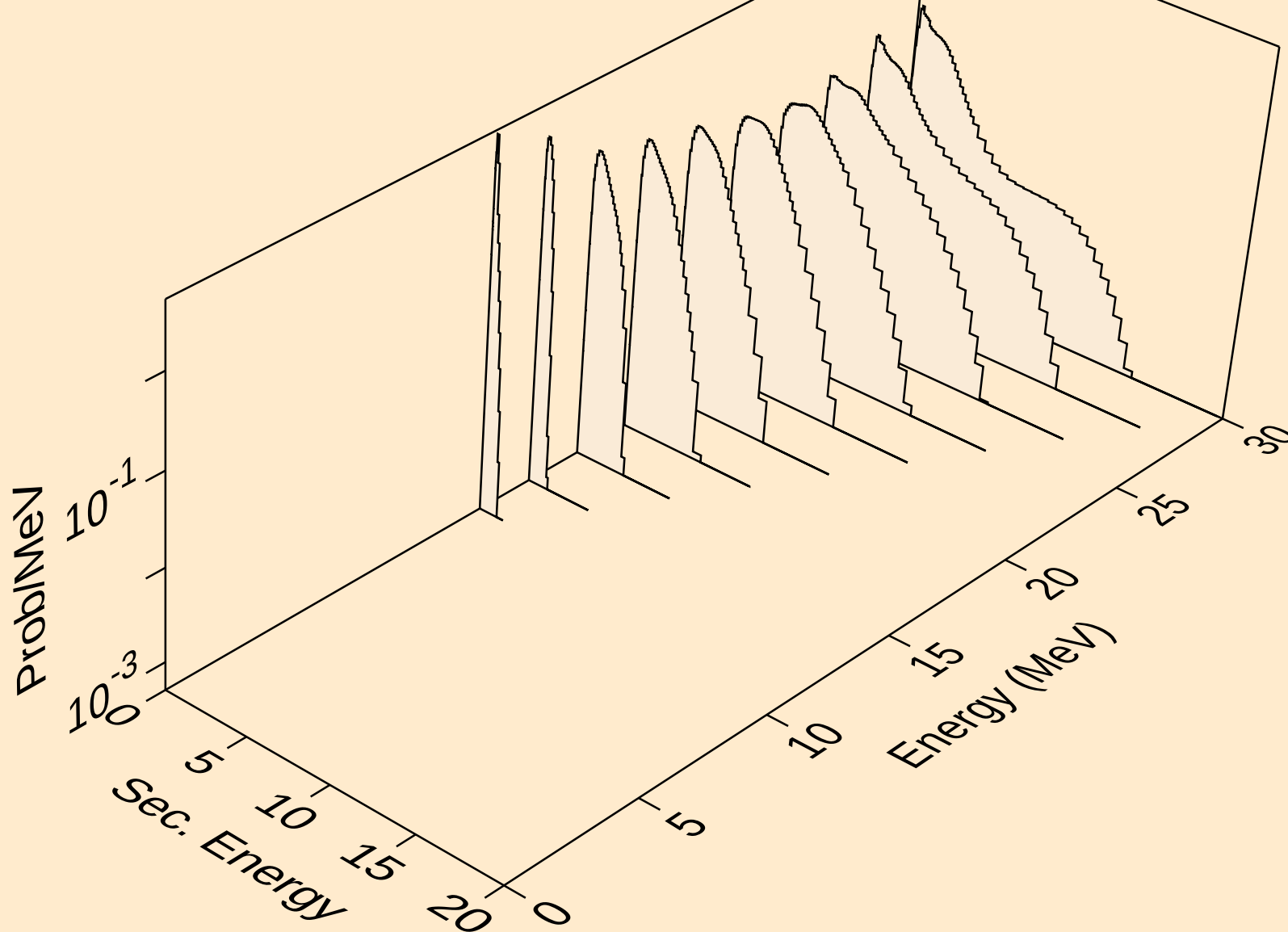
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



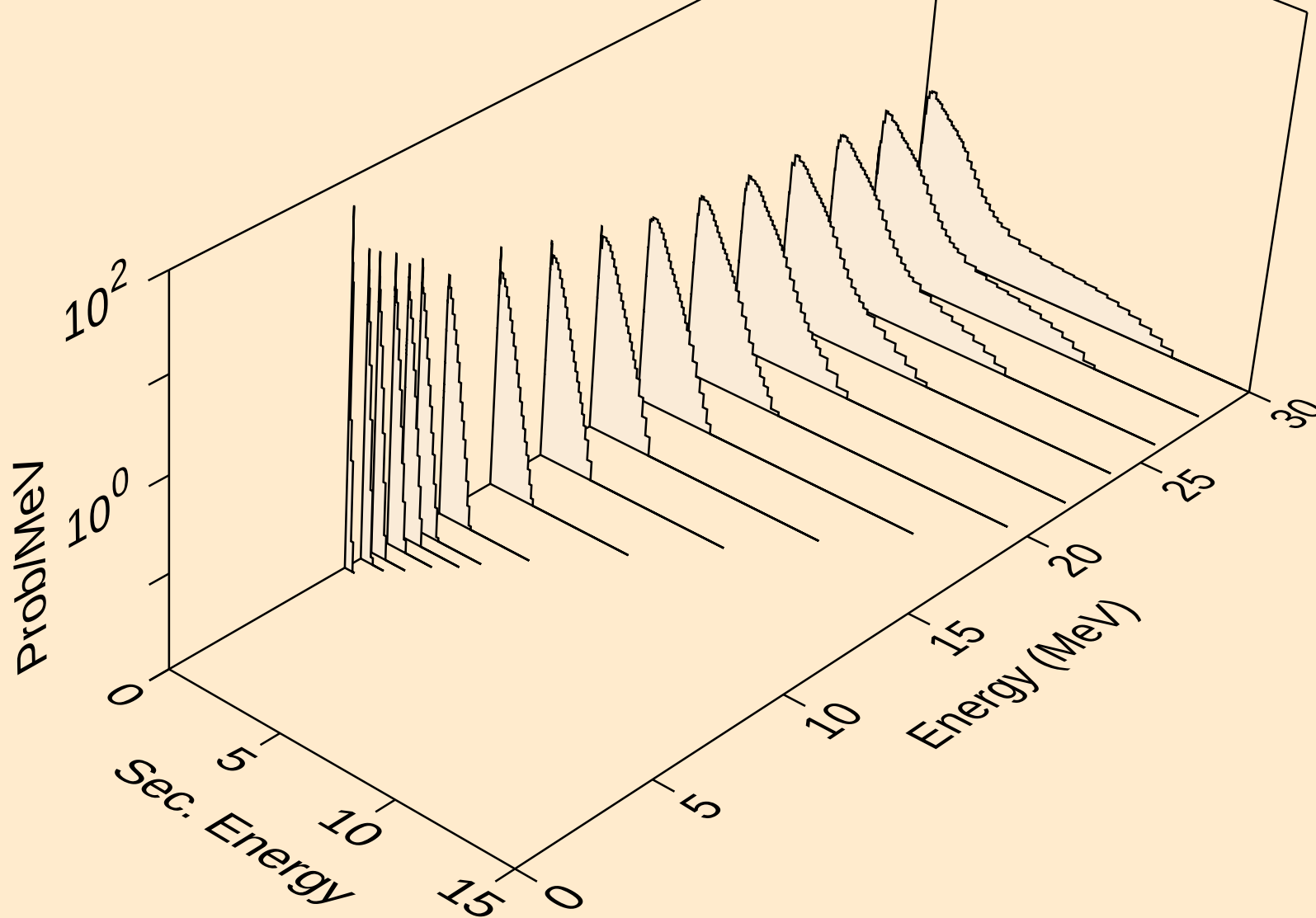
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



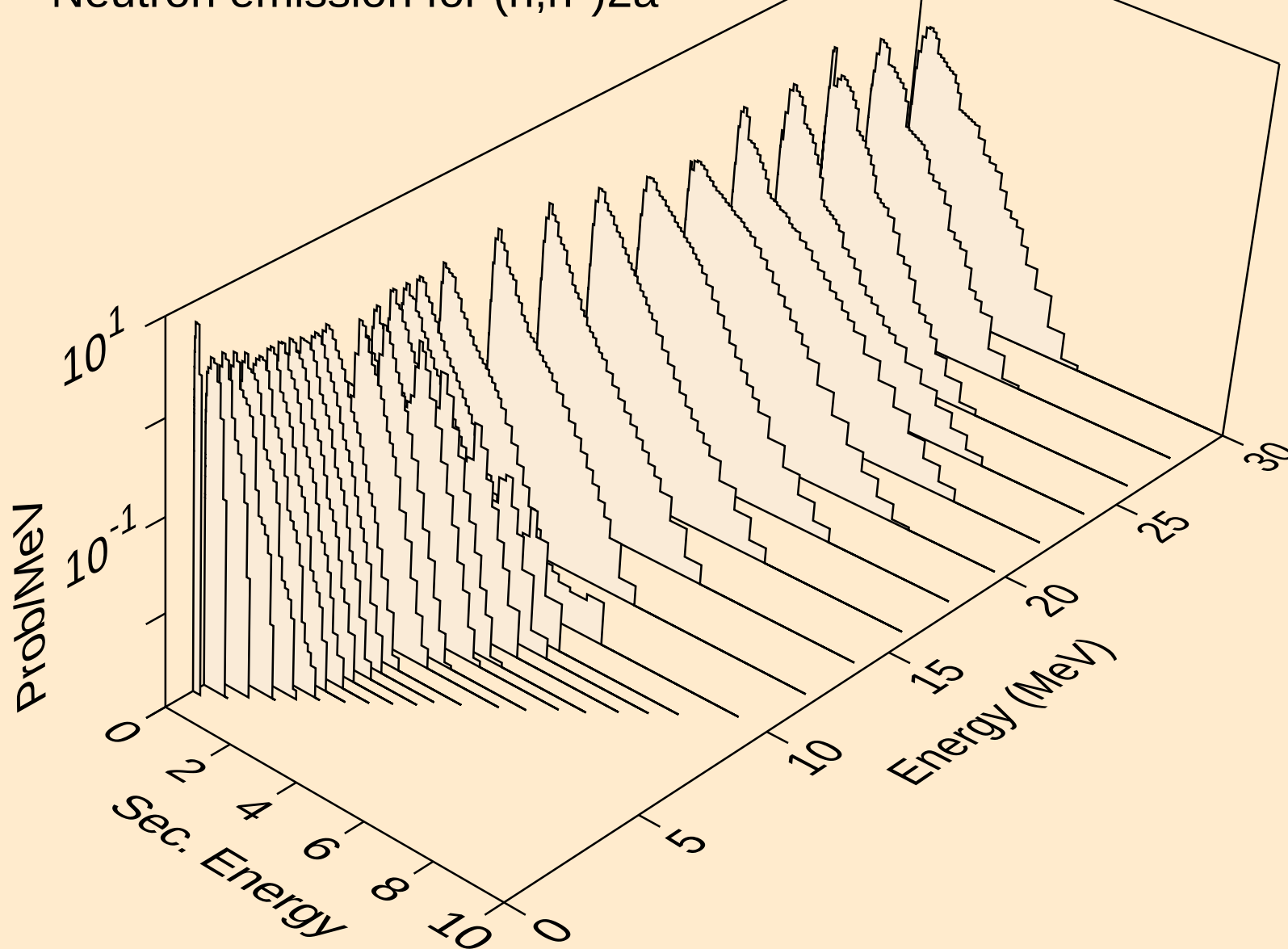
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n) α



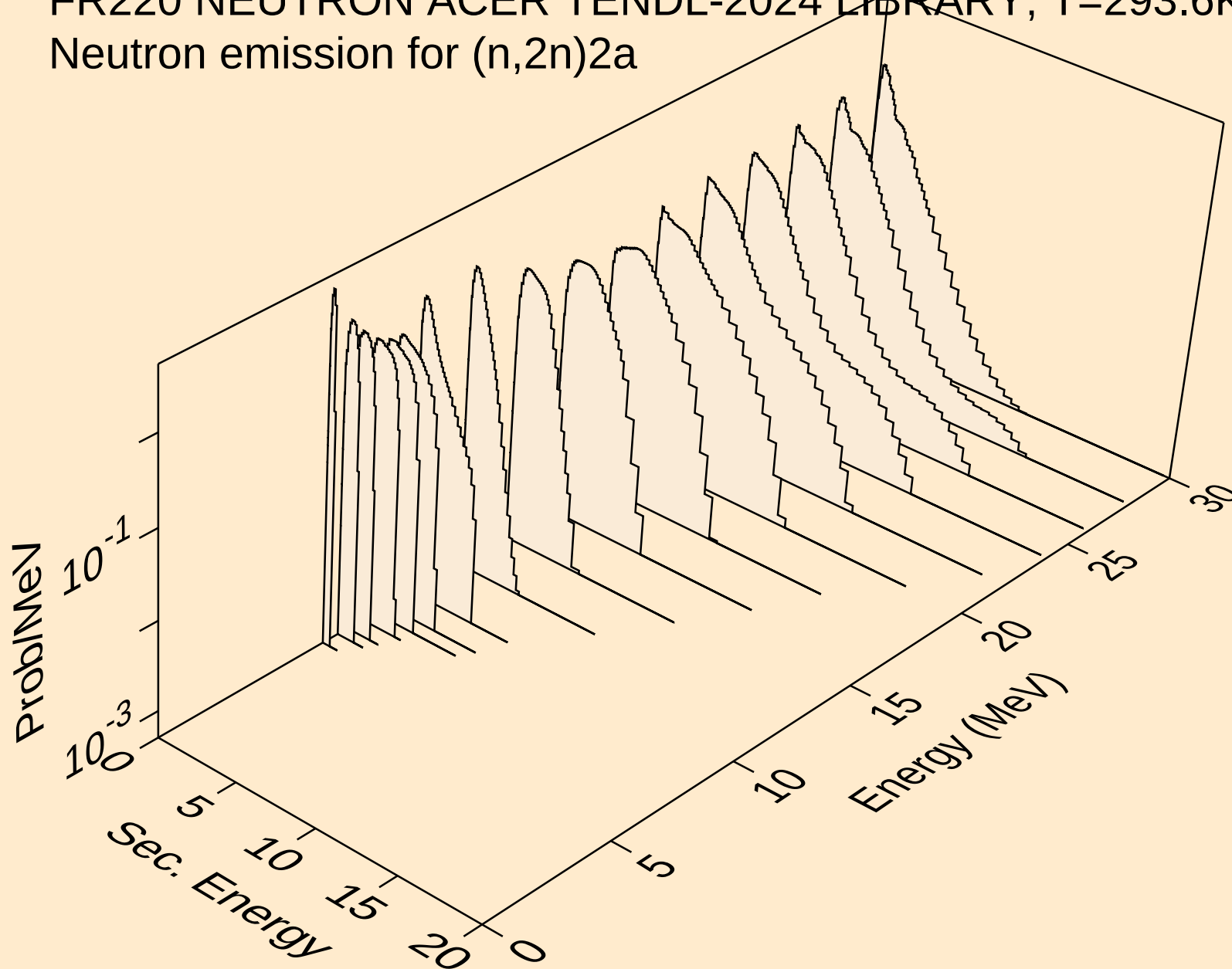
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



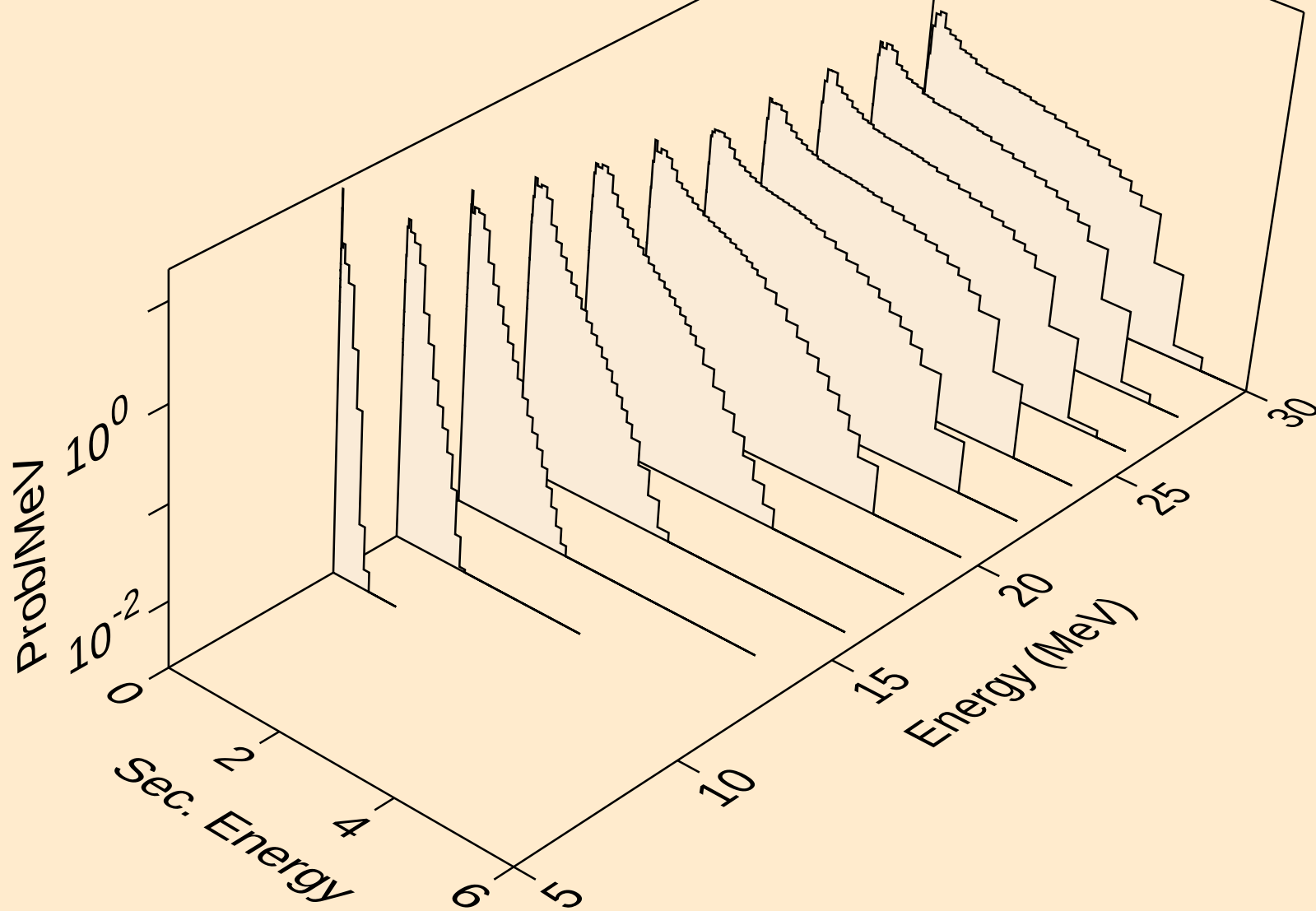
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



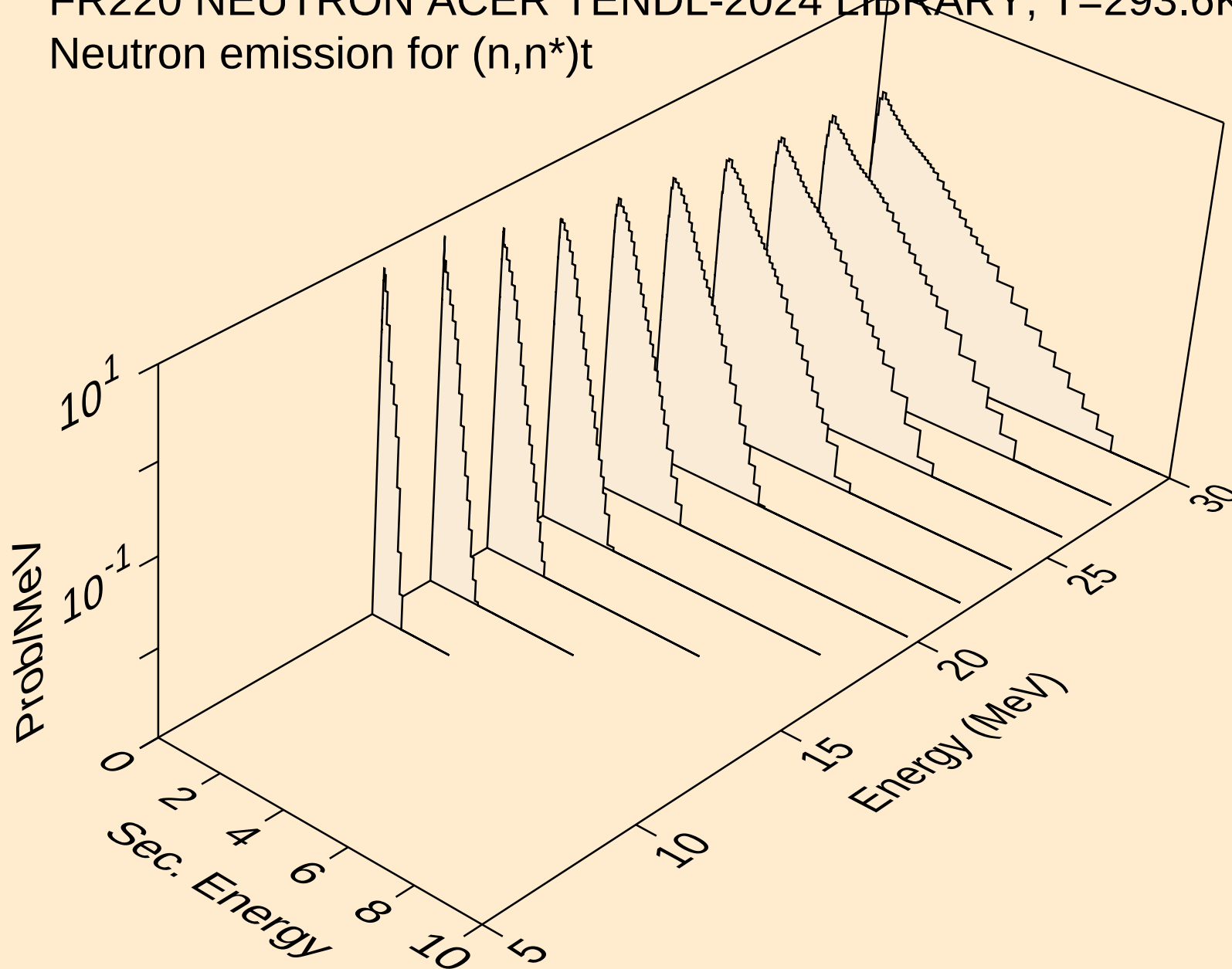
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



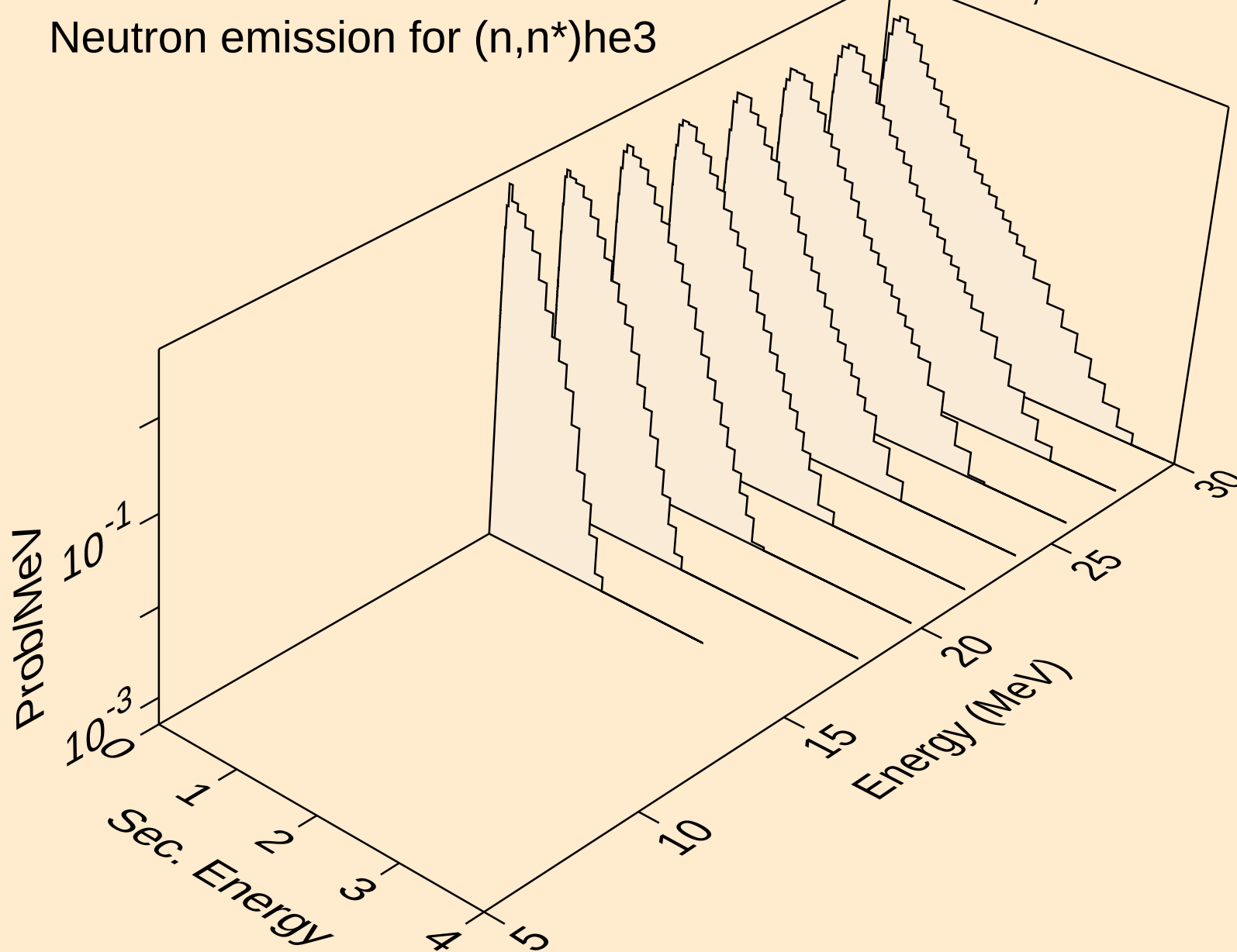
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



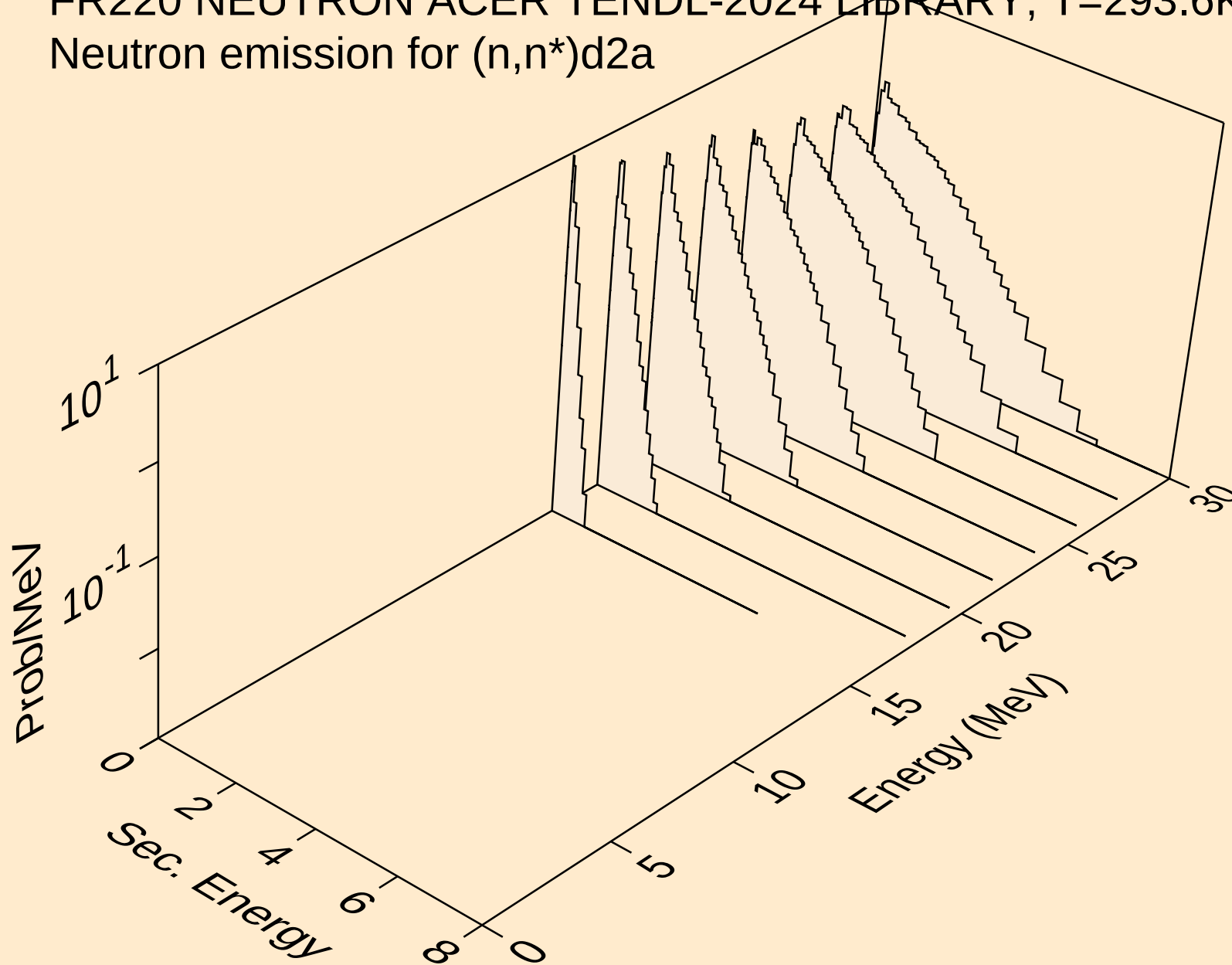
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



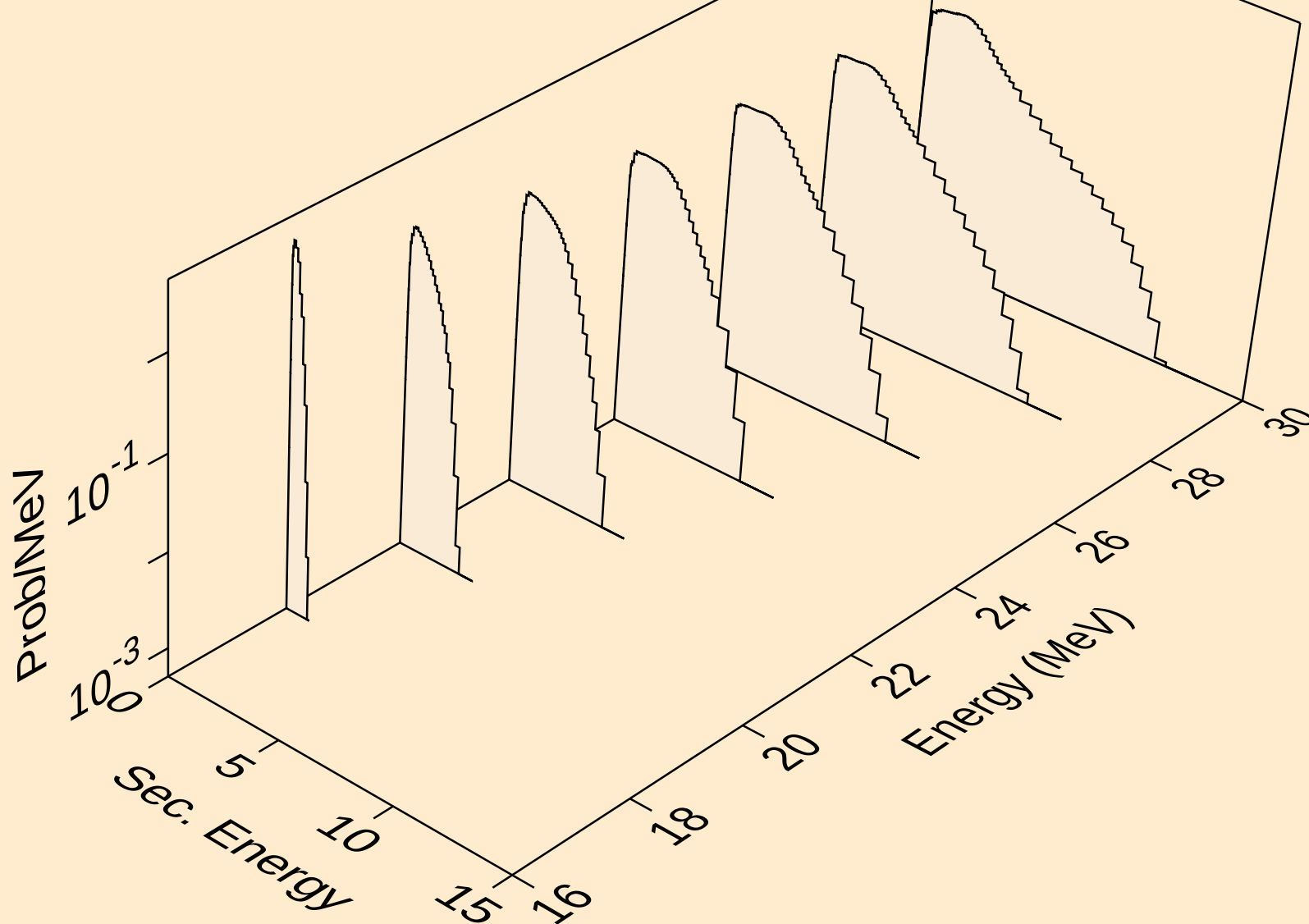
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



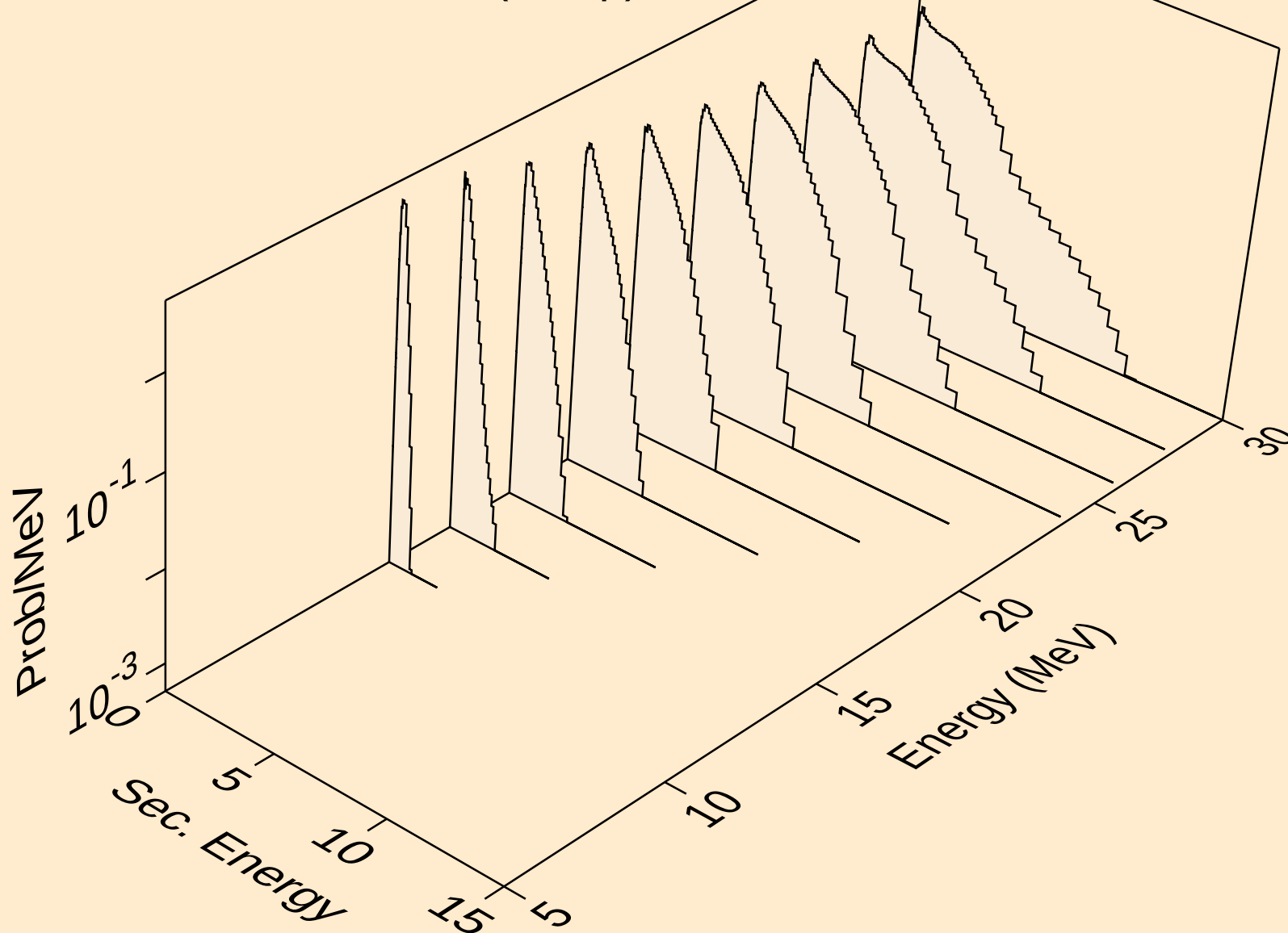
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d2a



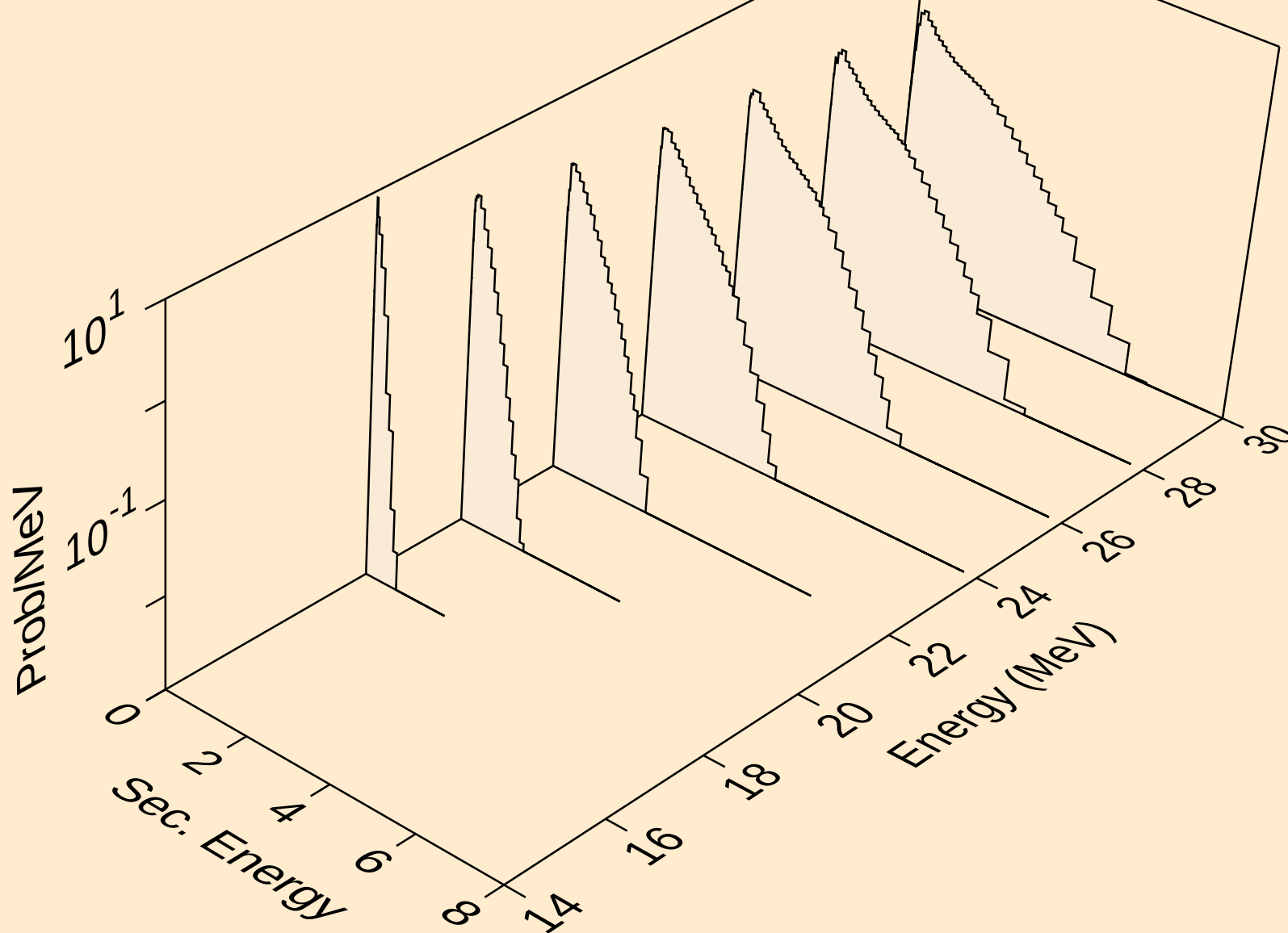
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



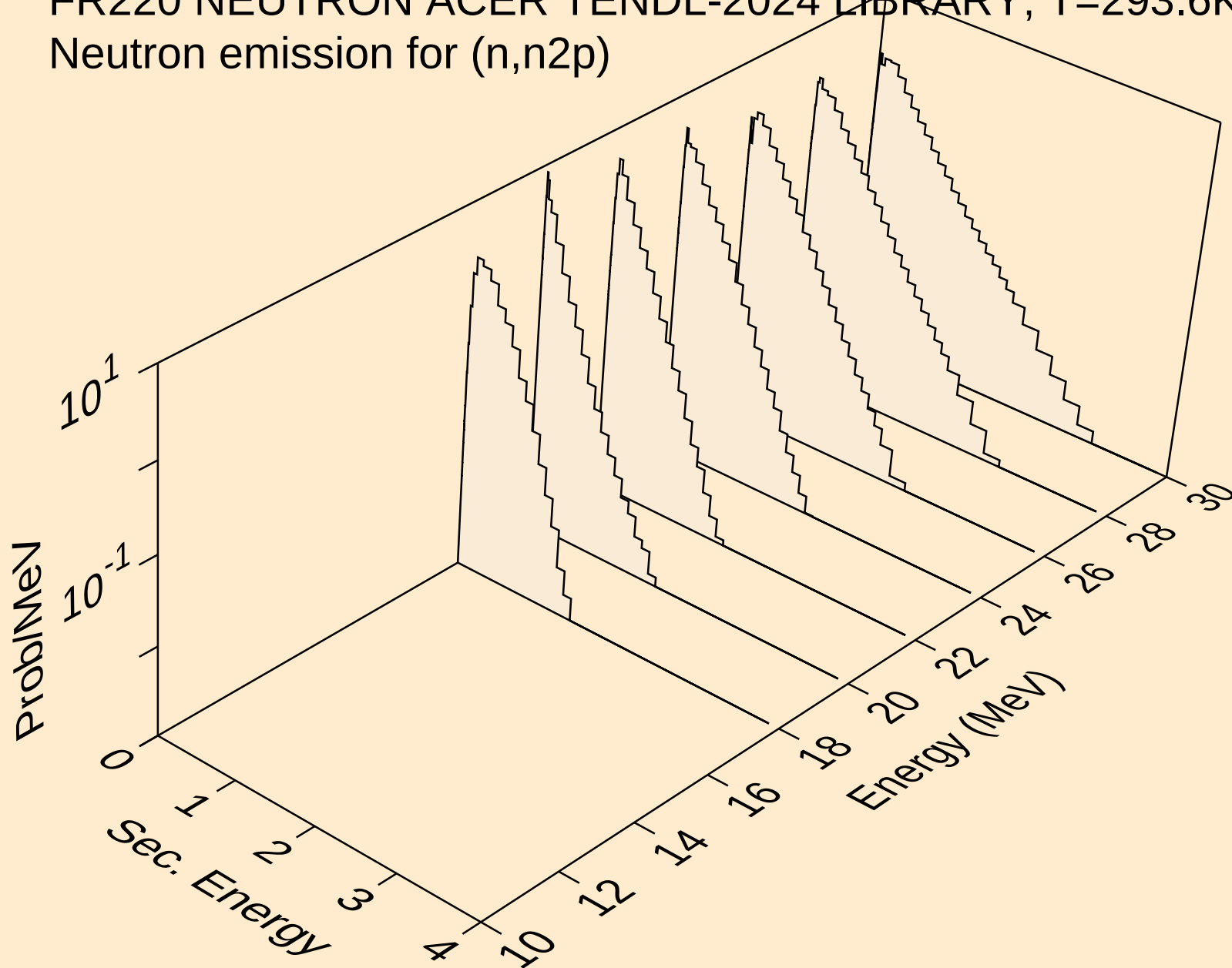
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



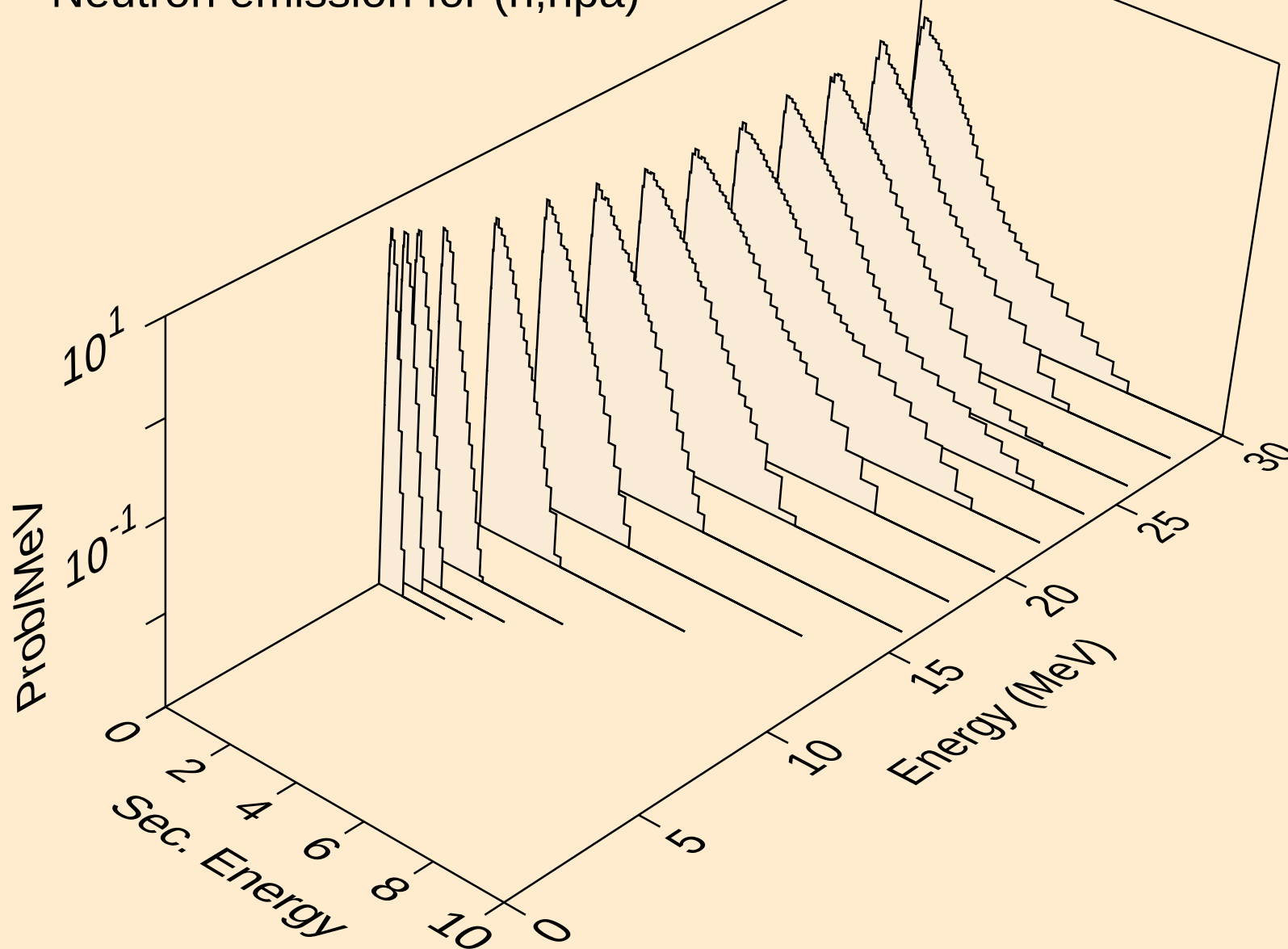
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



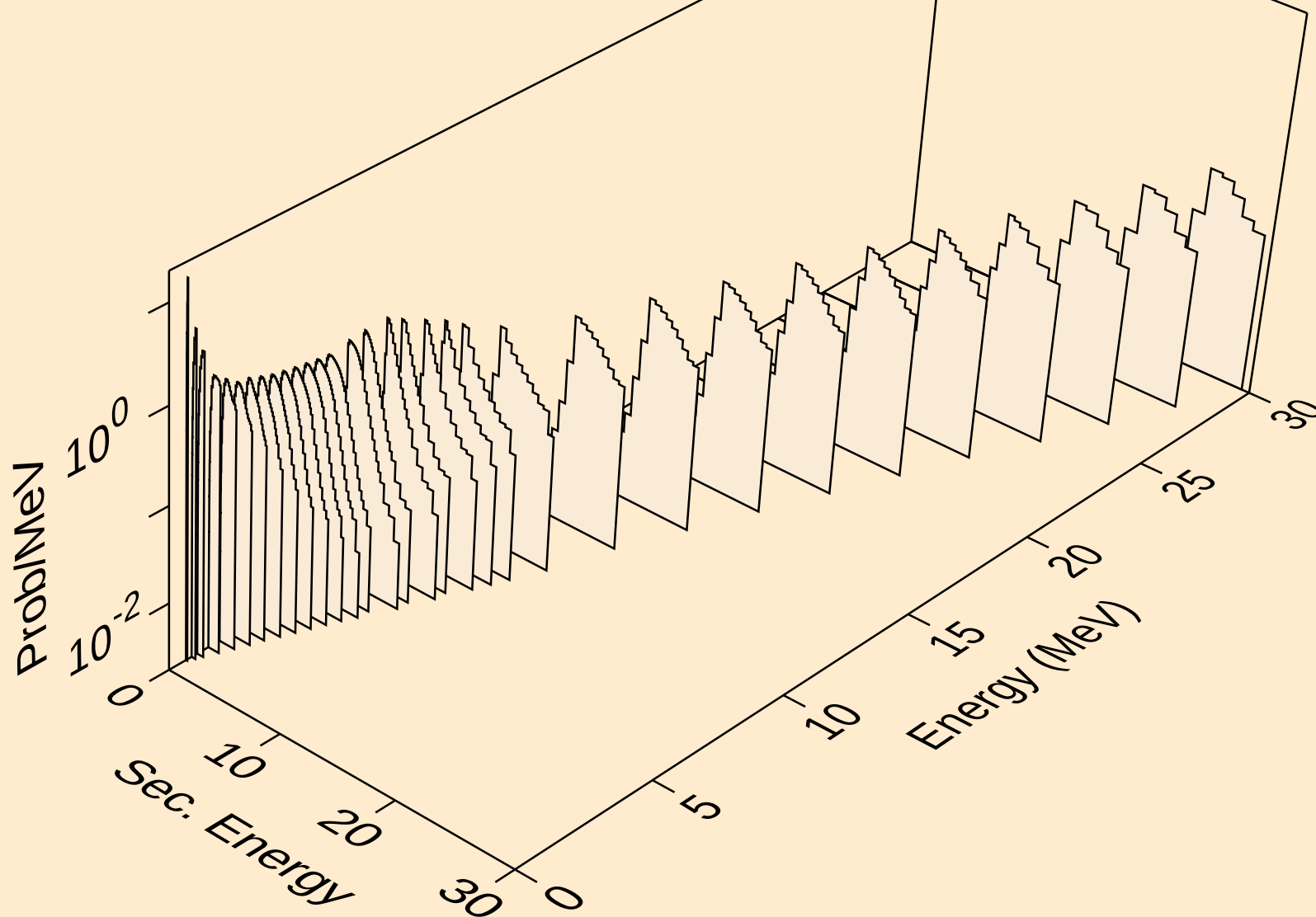
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)

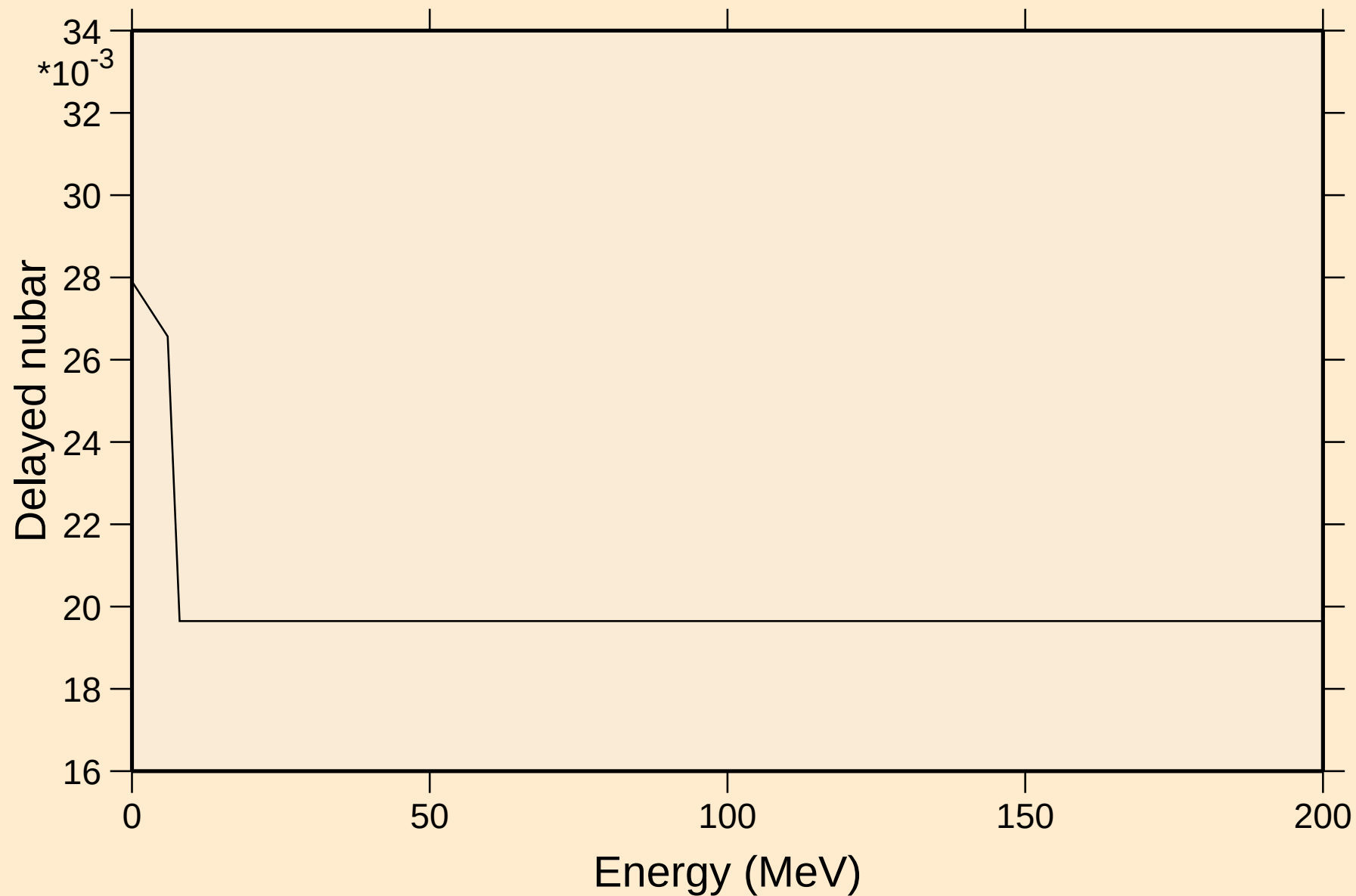


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



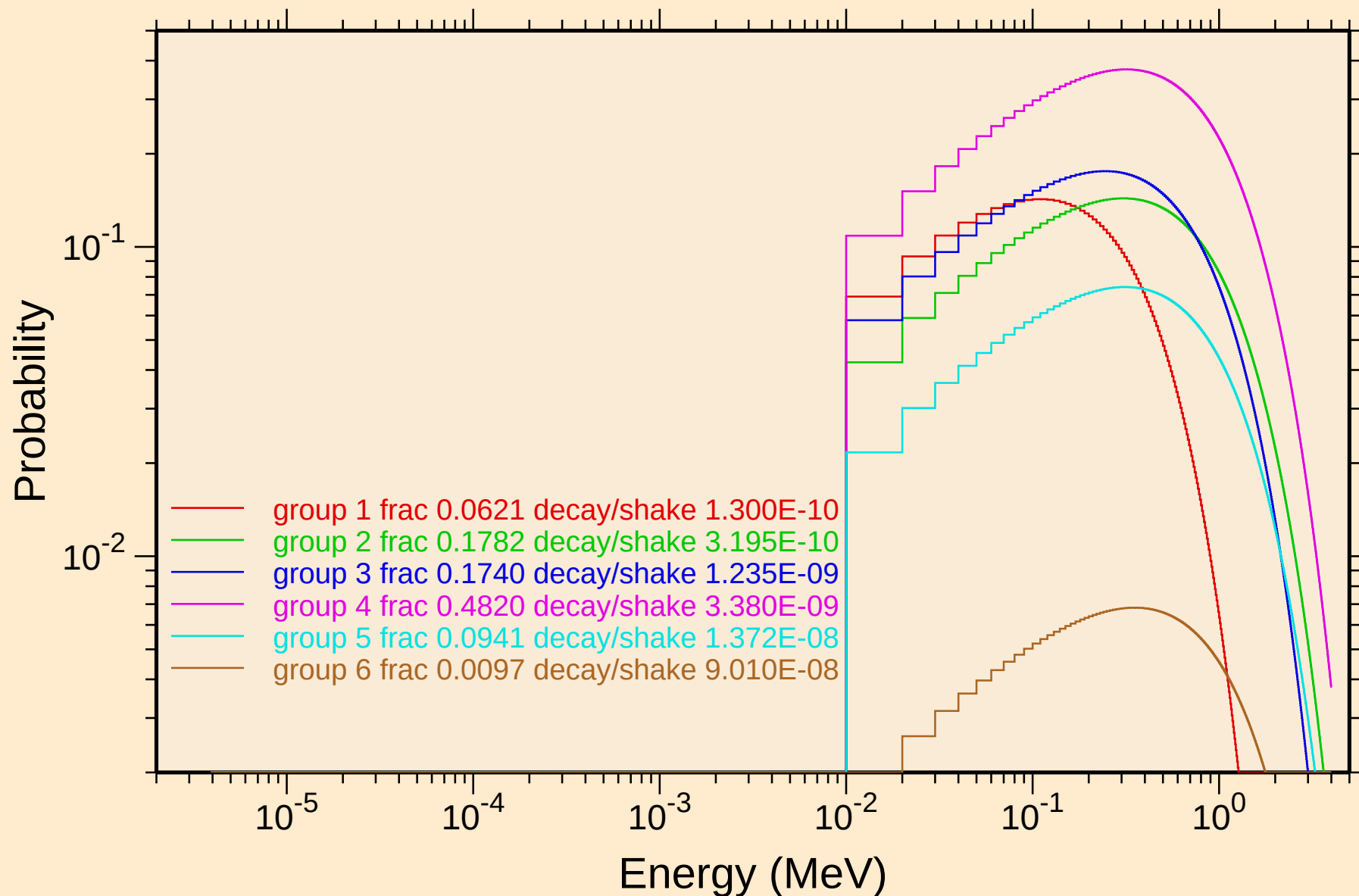
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

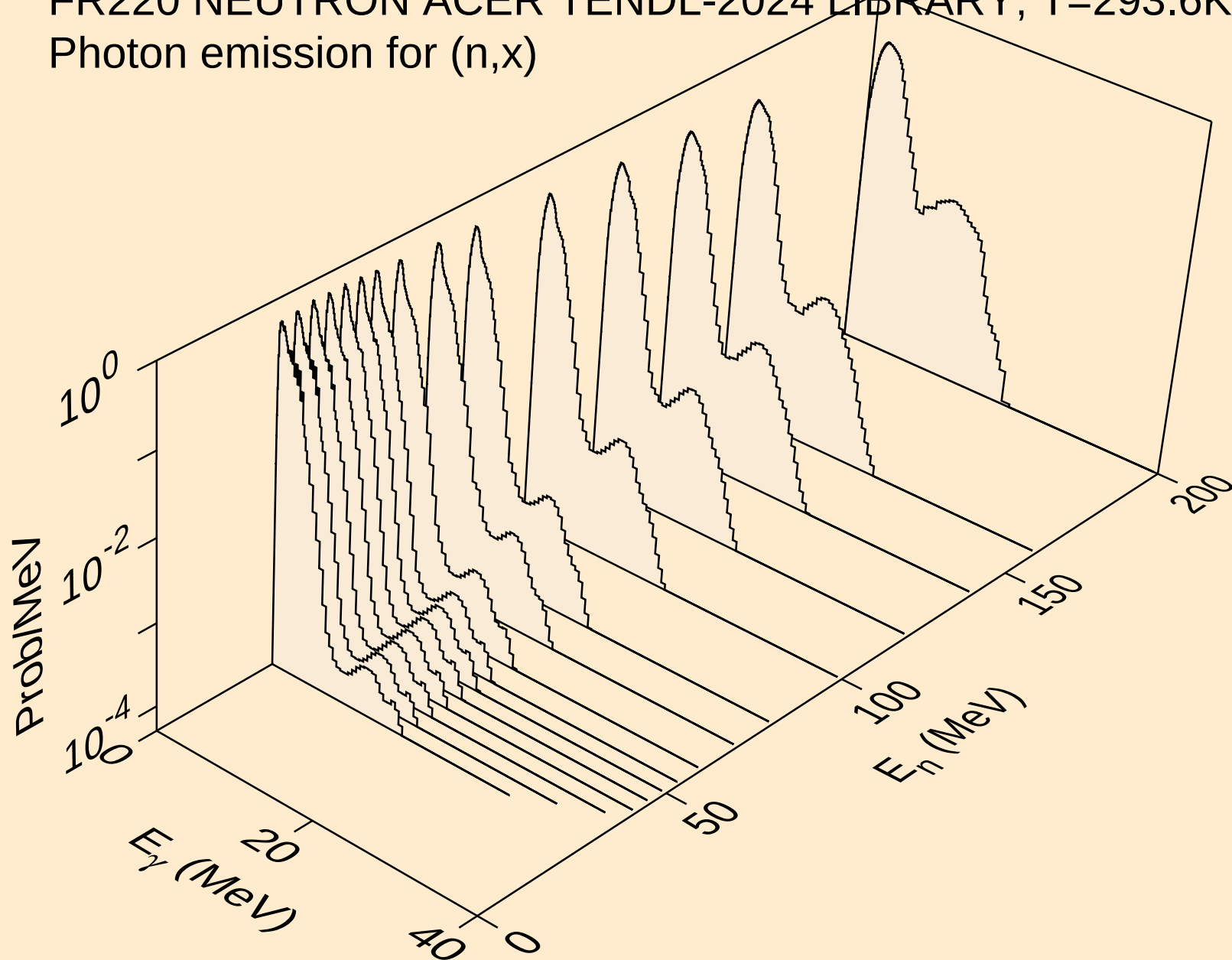


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

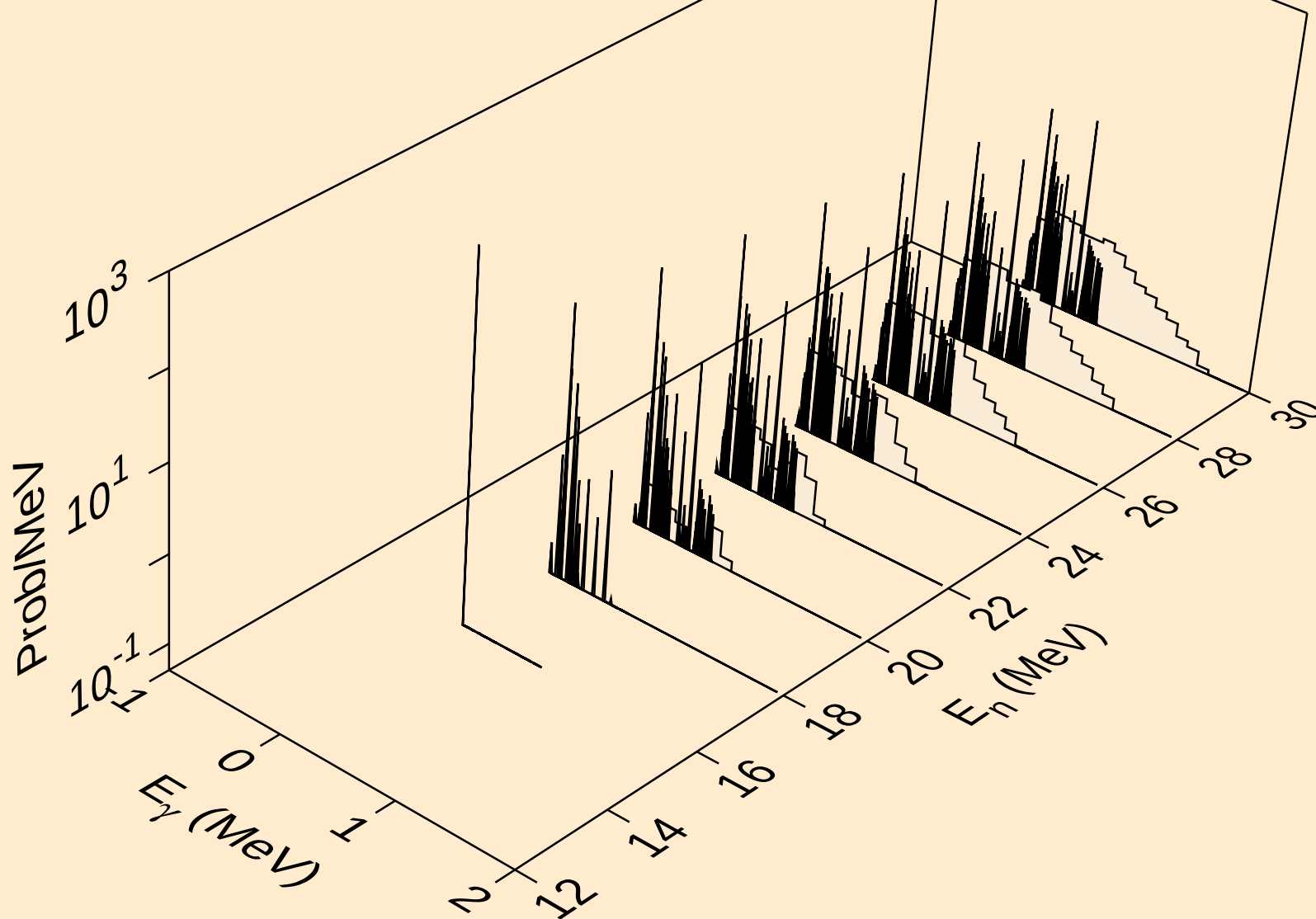
Delayed neutron spectra



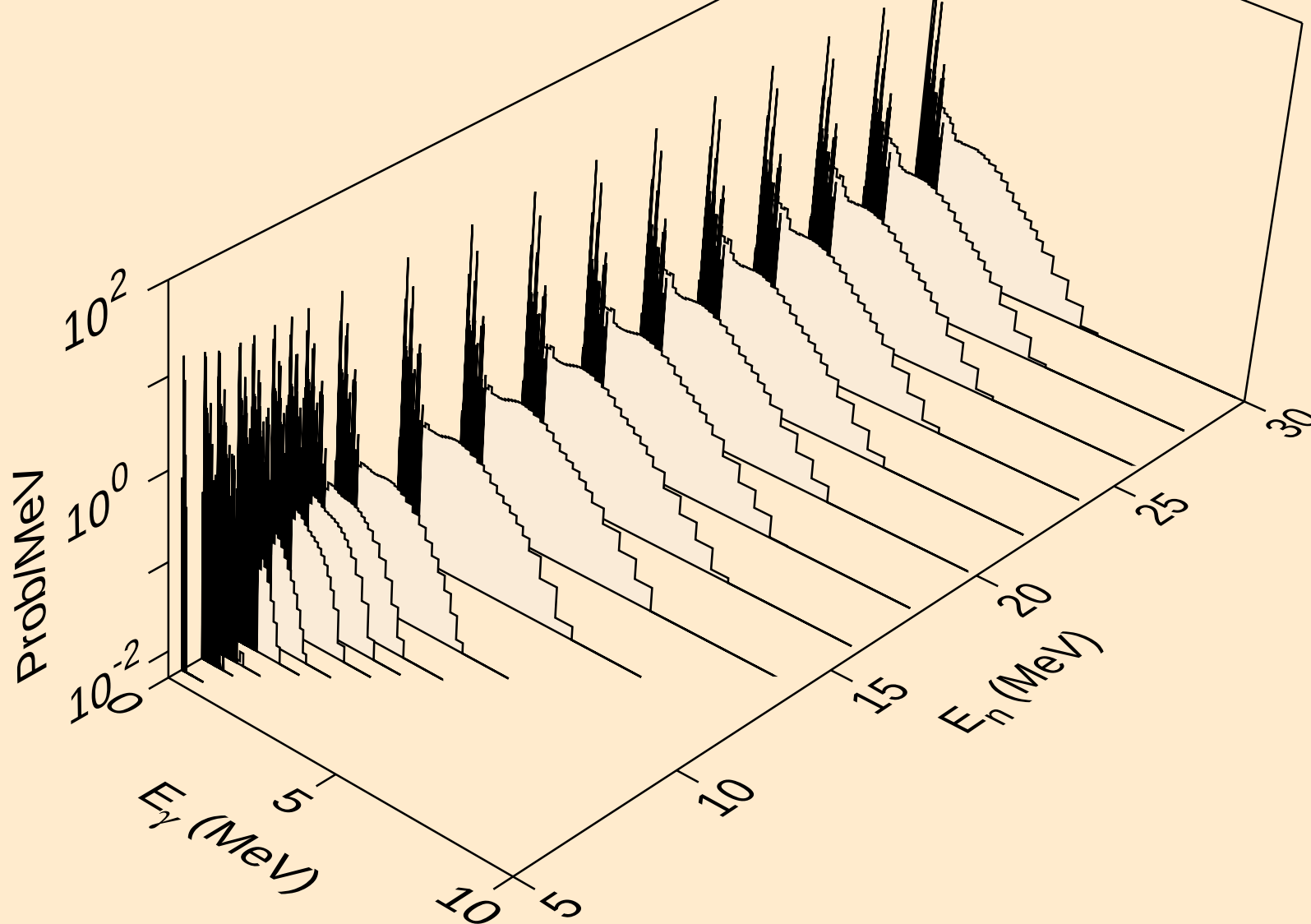
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



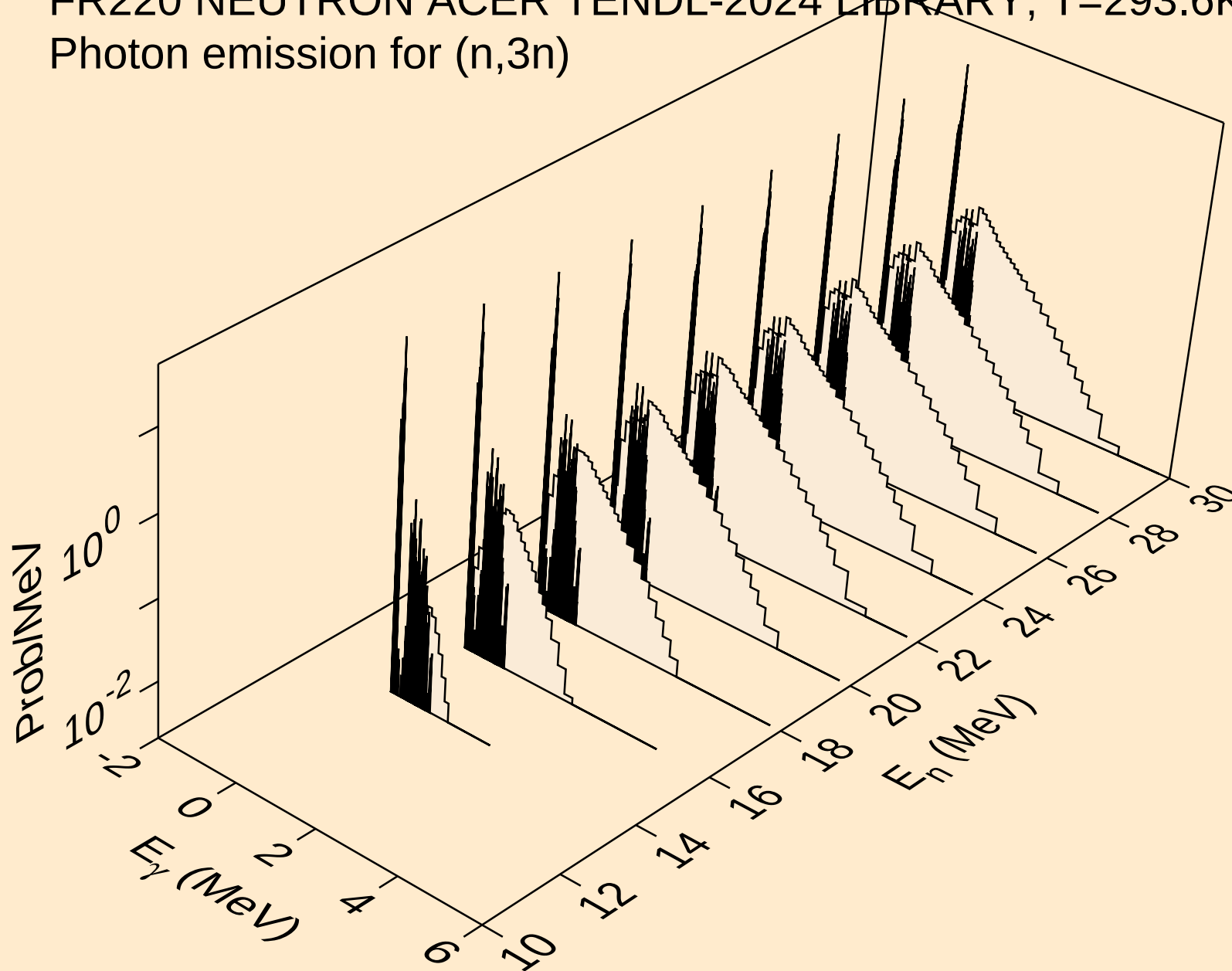
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



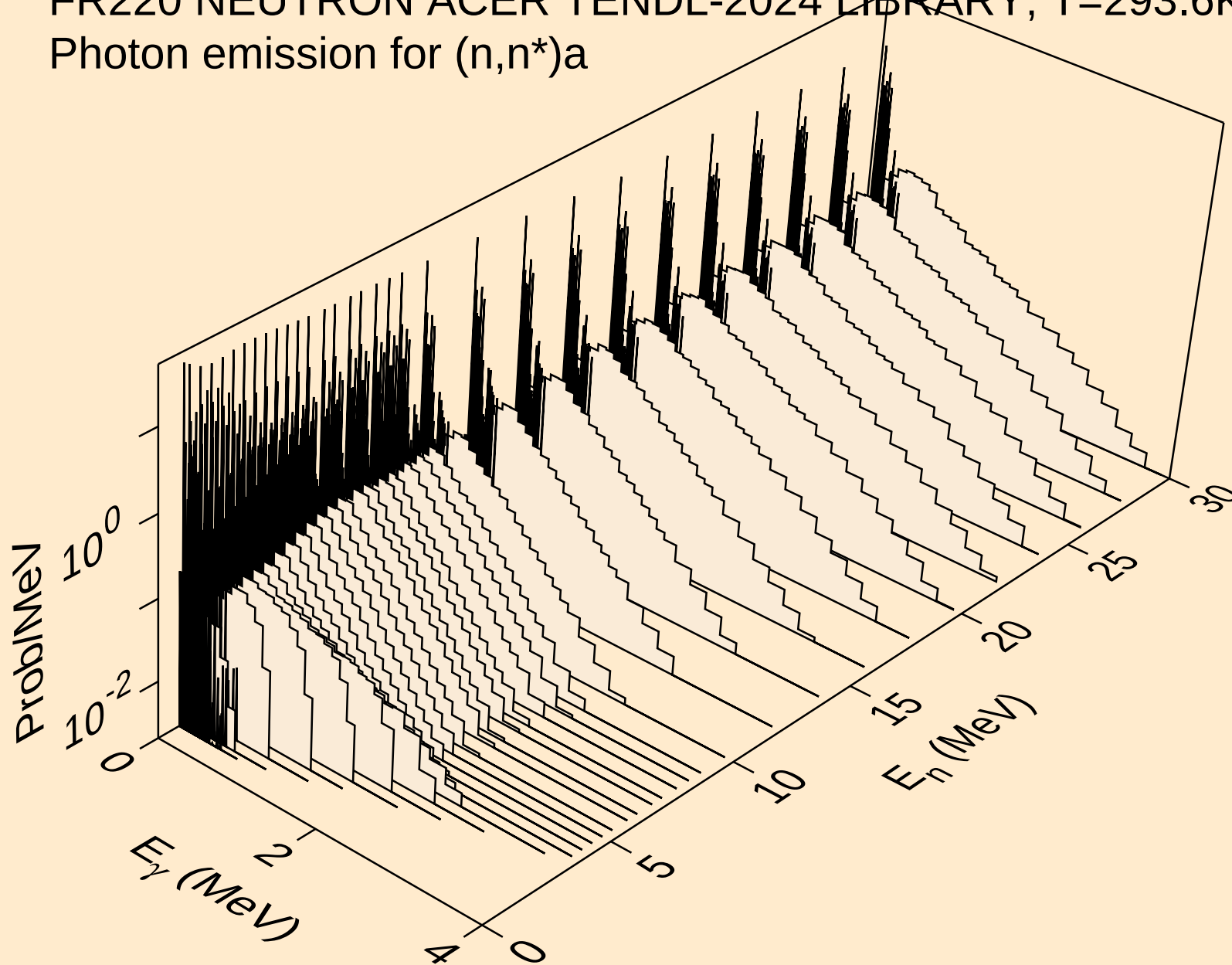
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



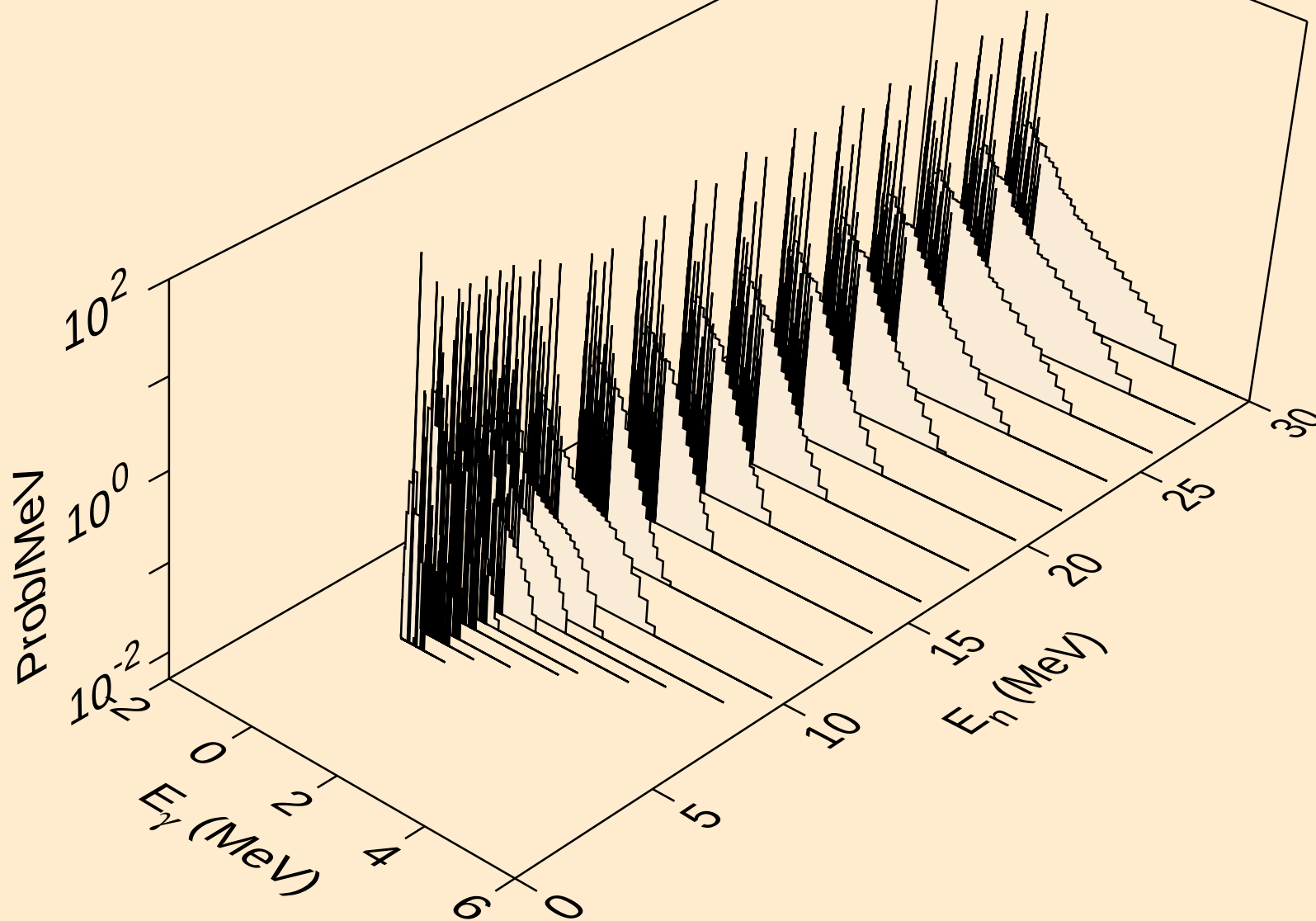
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a

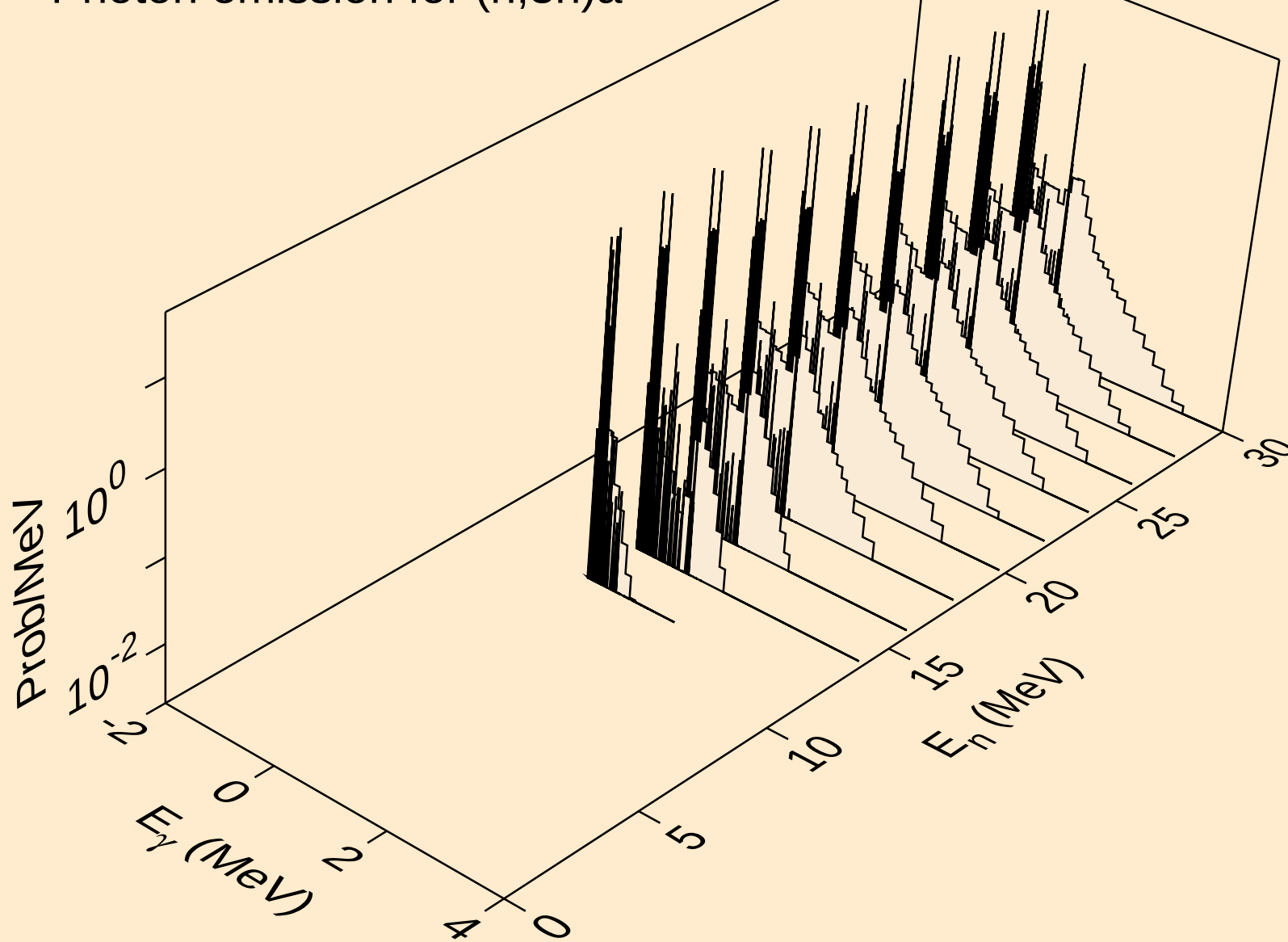


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n) α

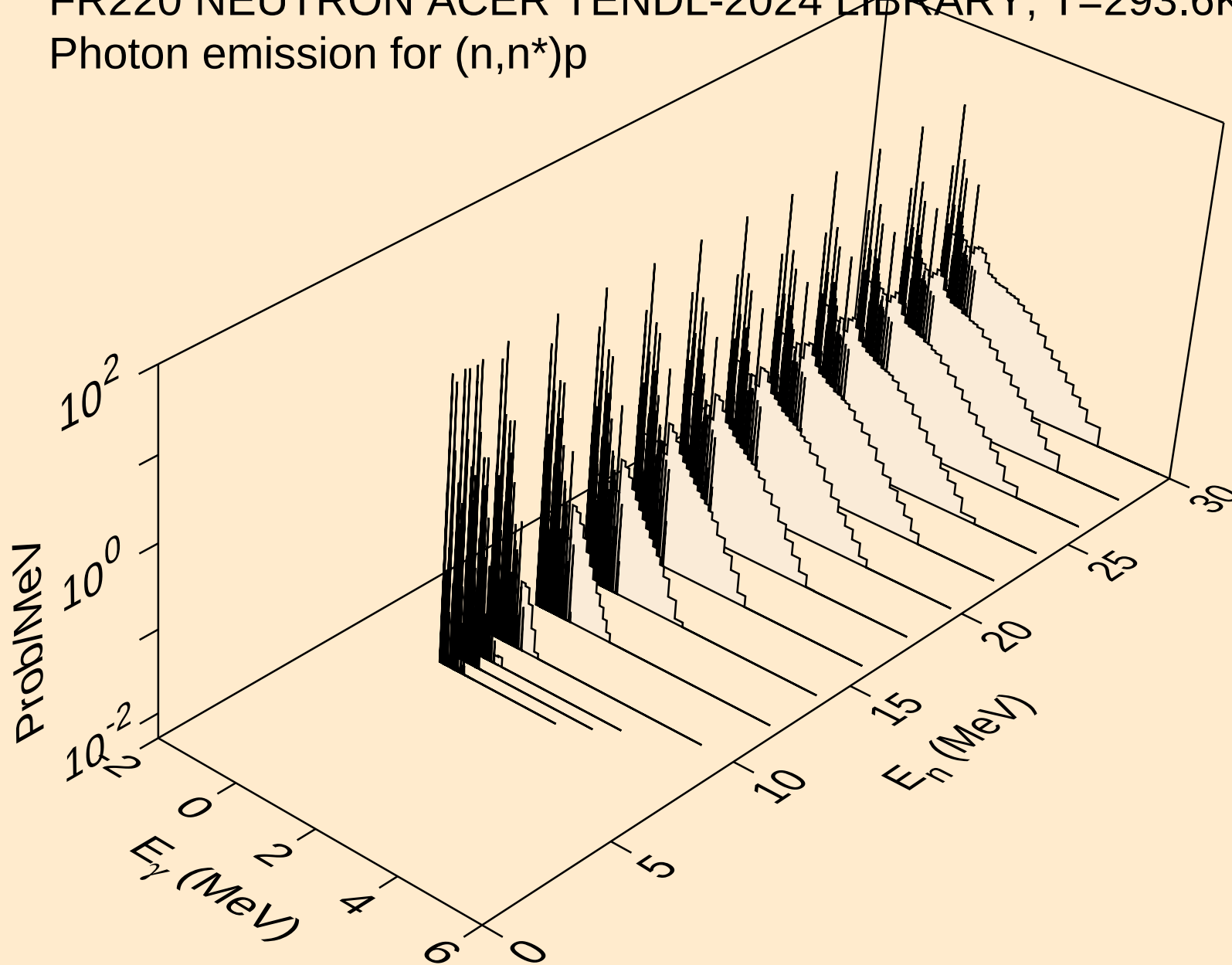


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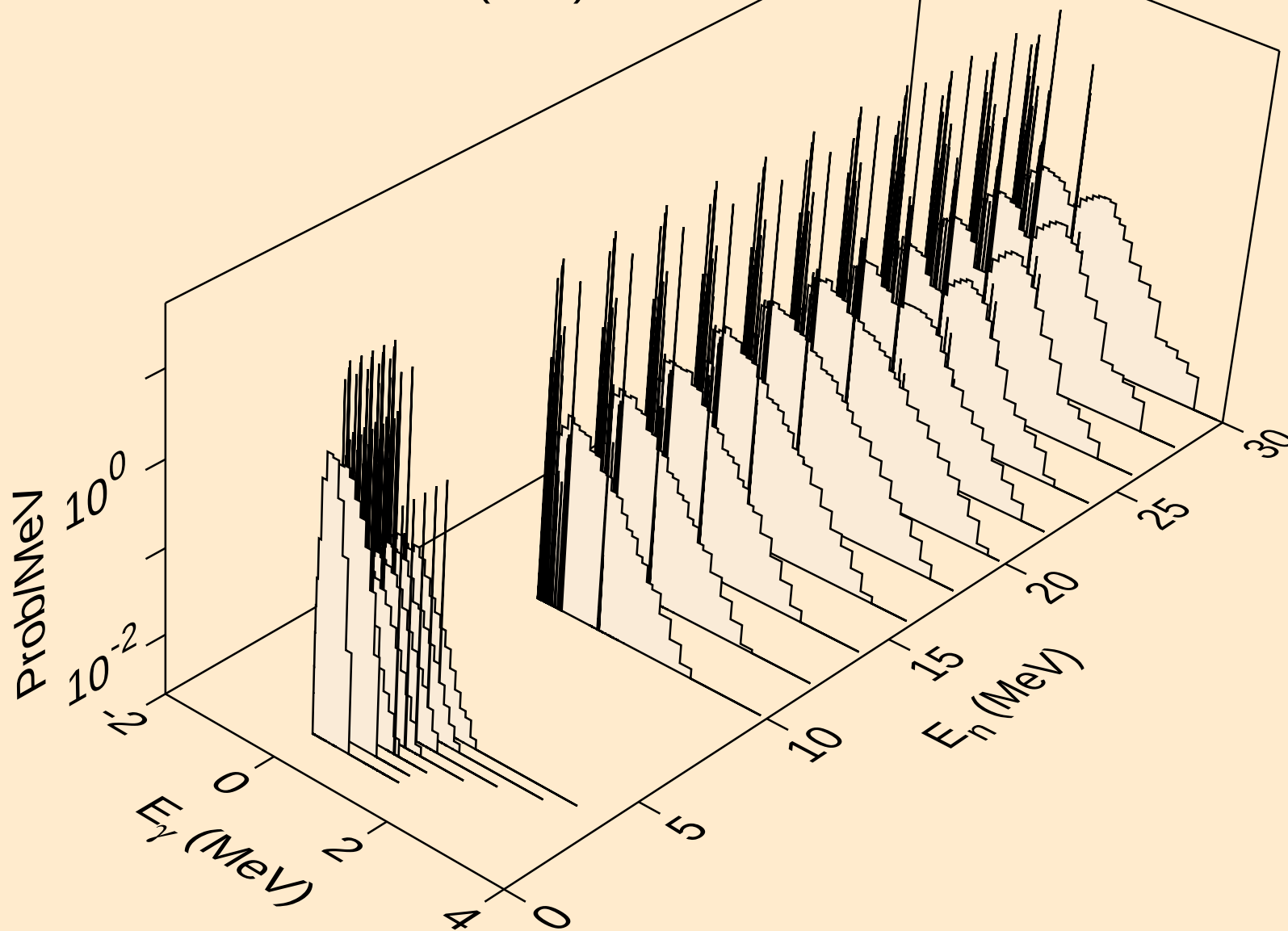
Photon emission for (n,3n) α



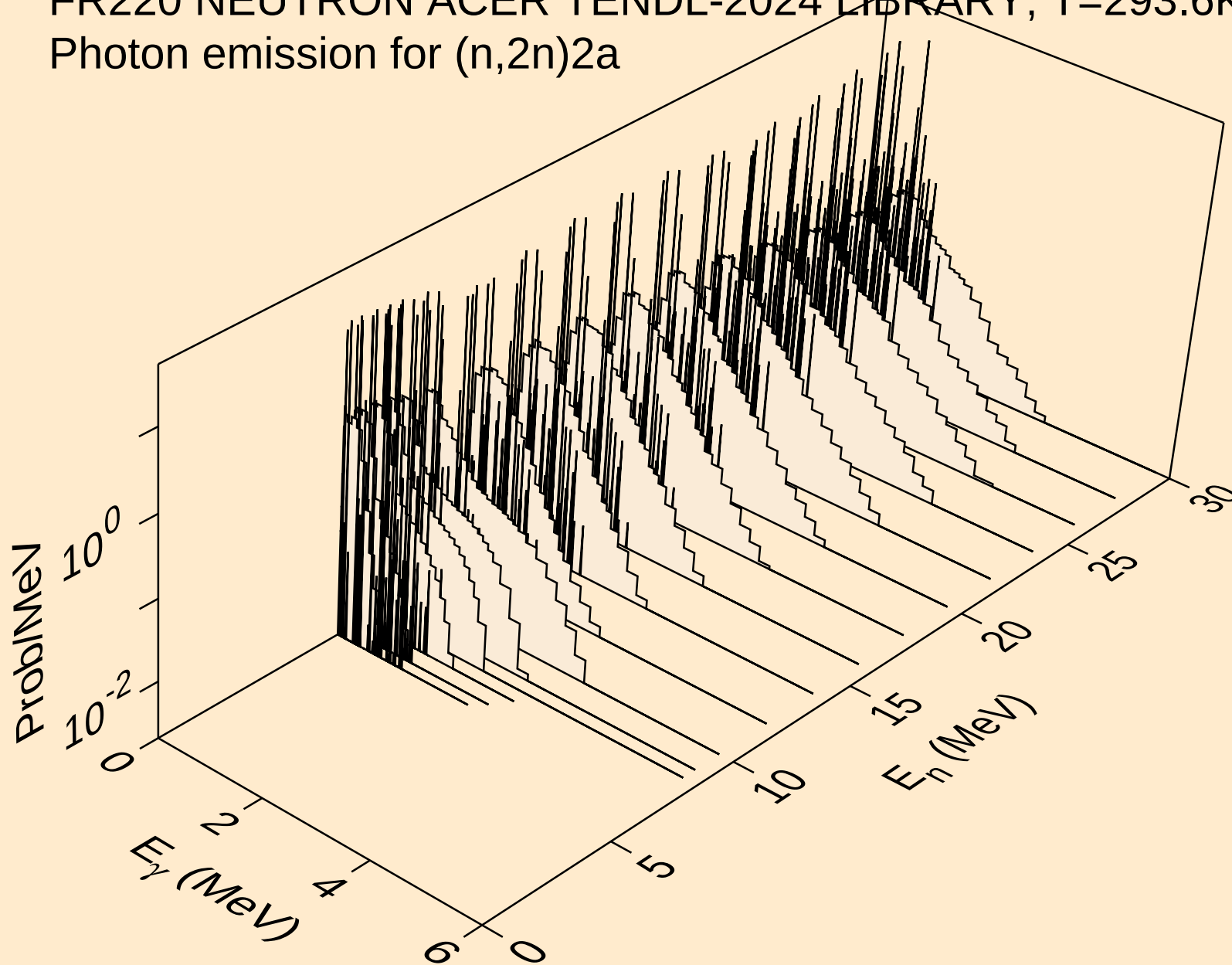
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



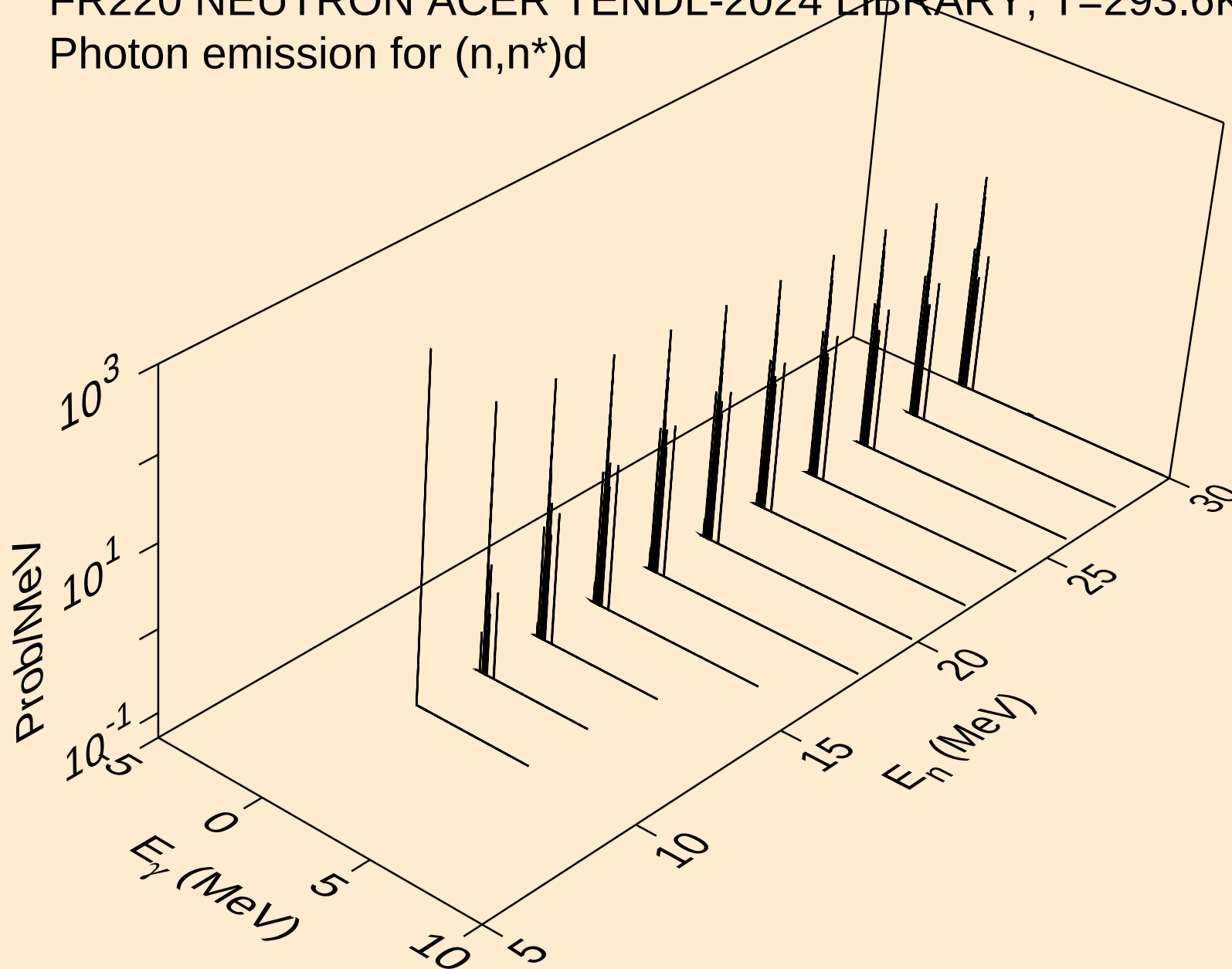
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a

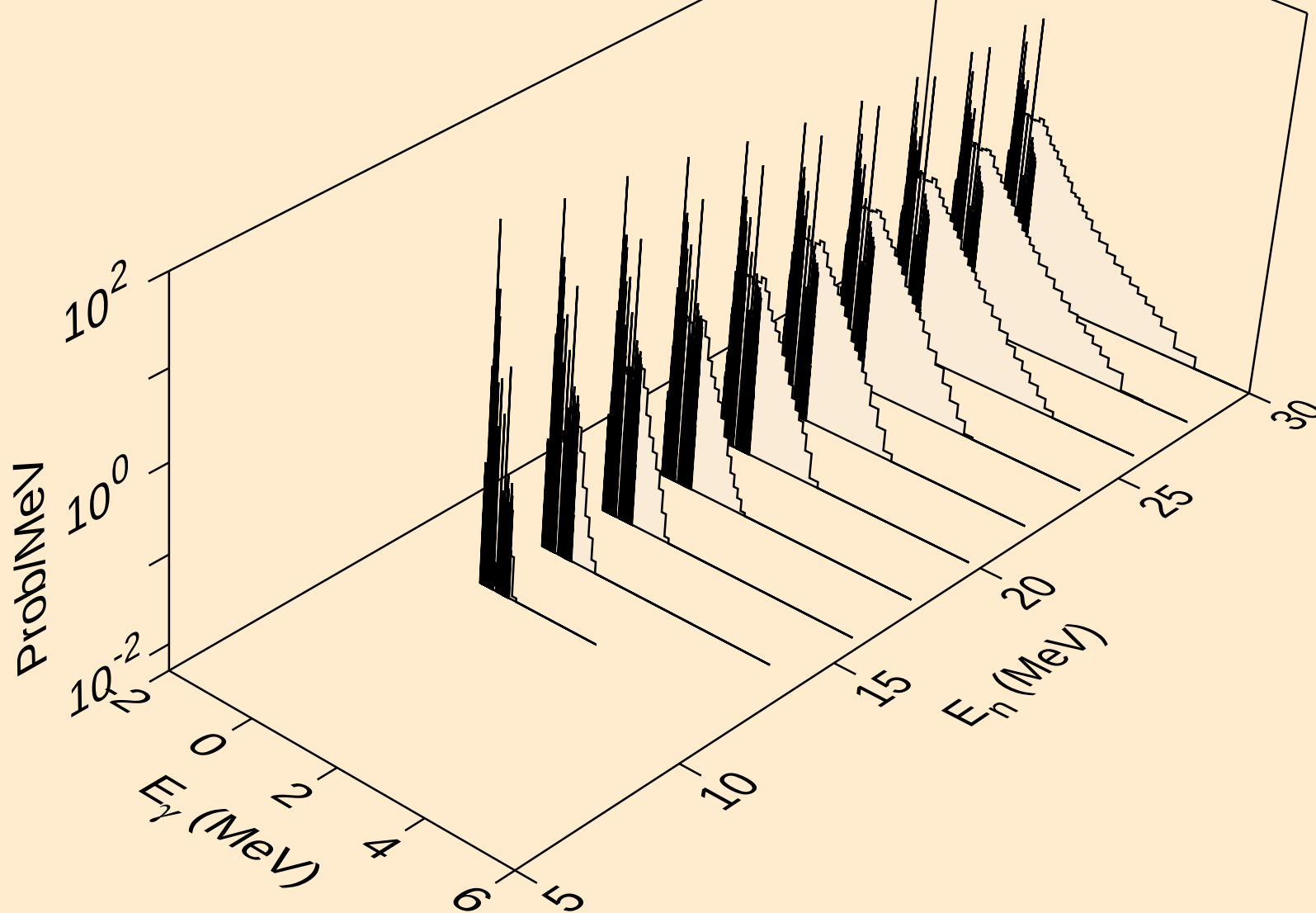


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



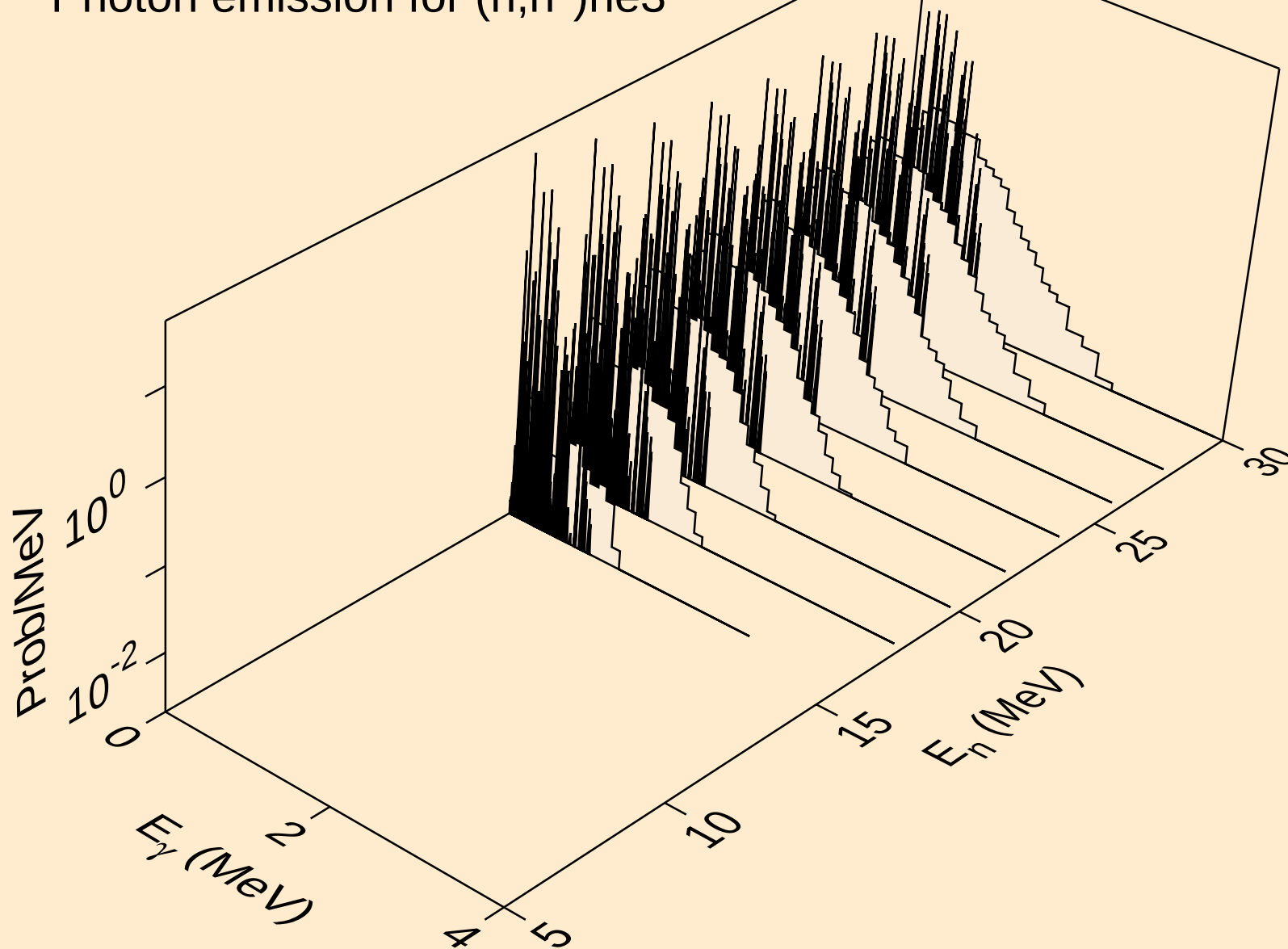
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)t



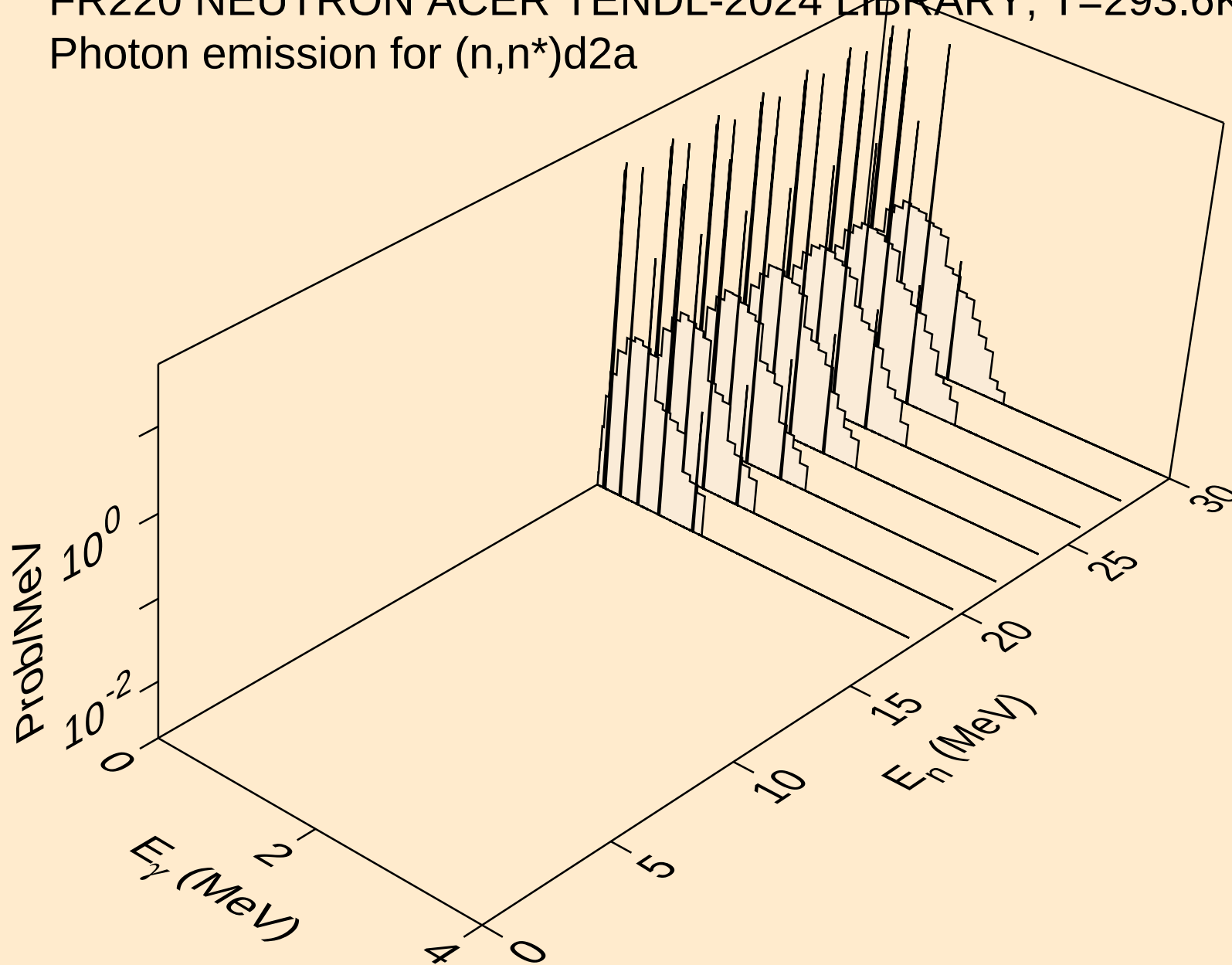
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)he3

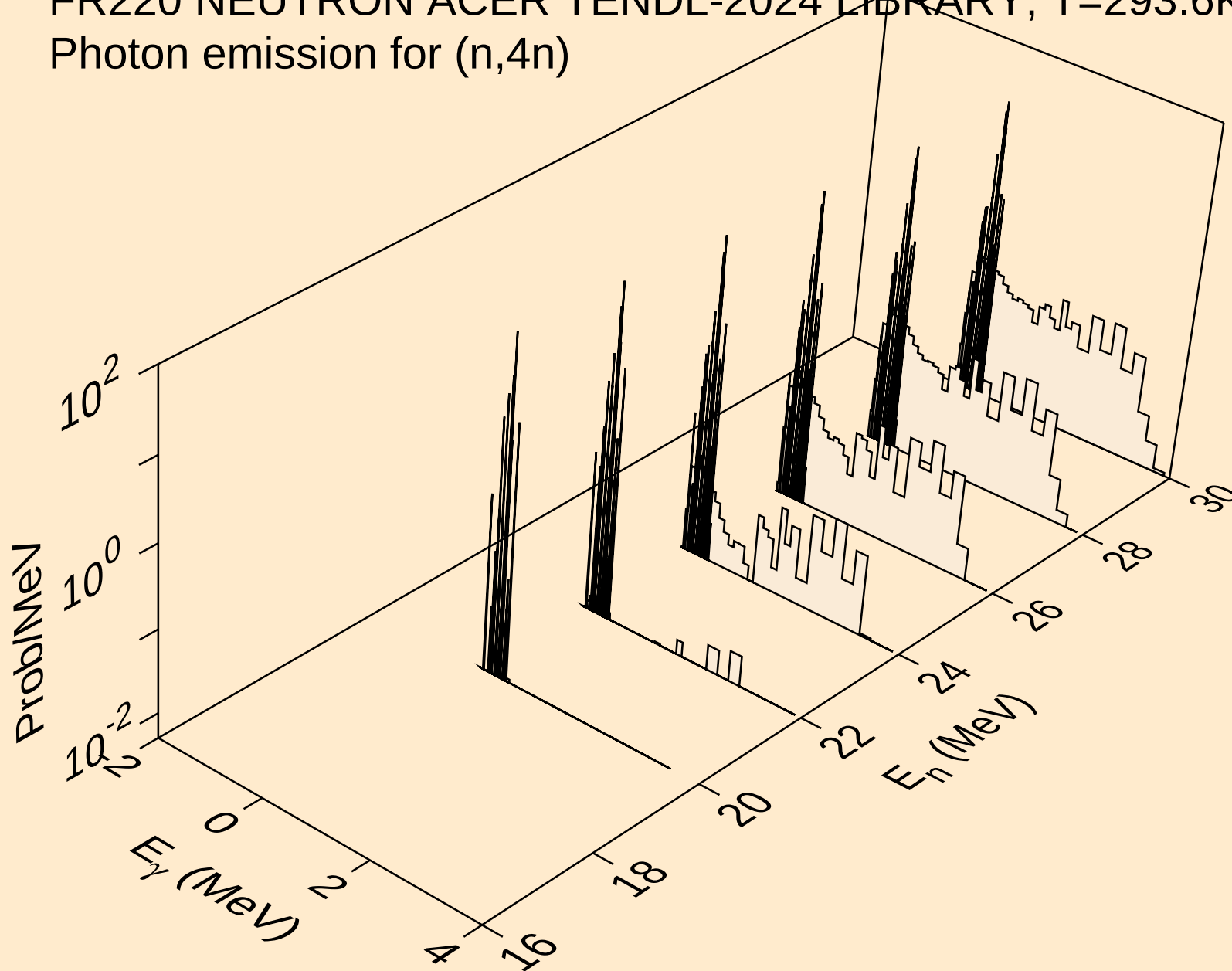


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

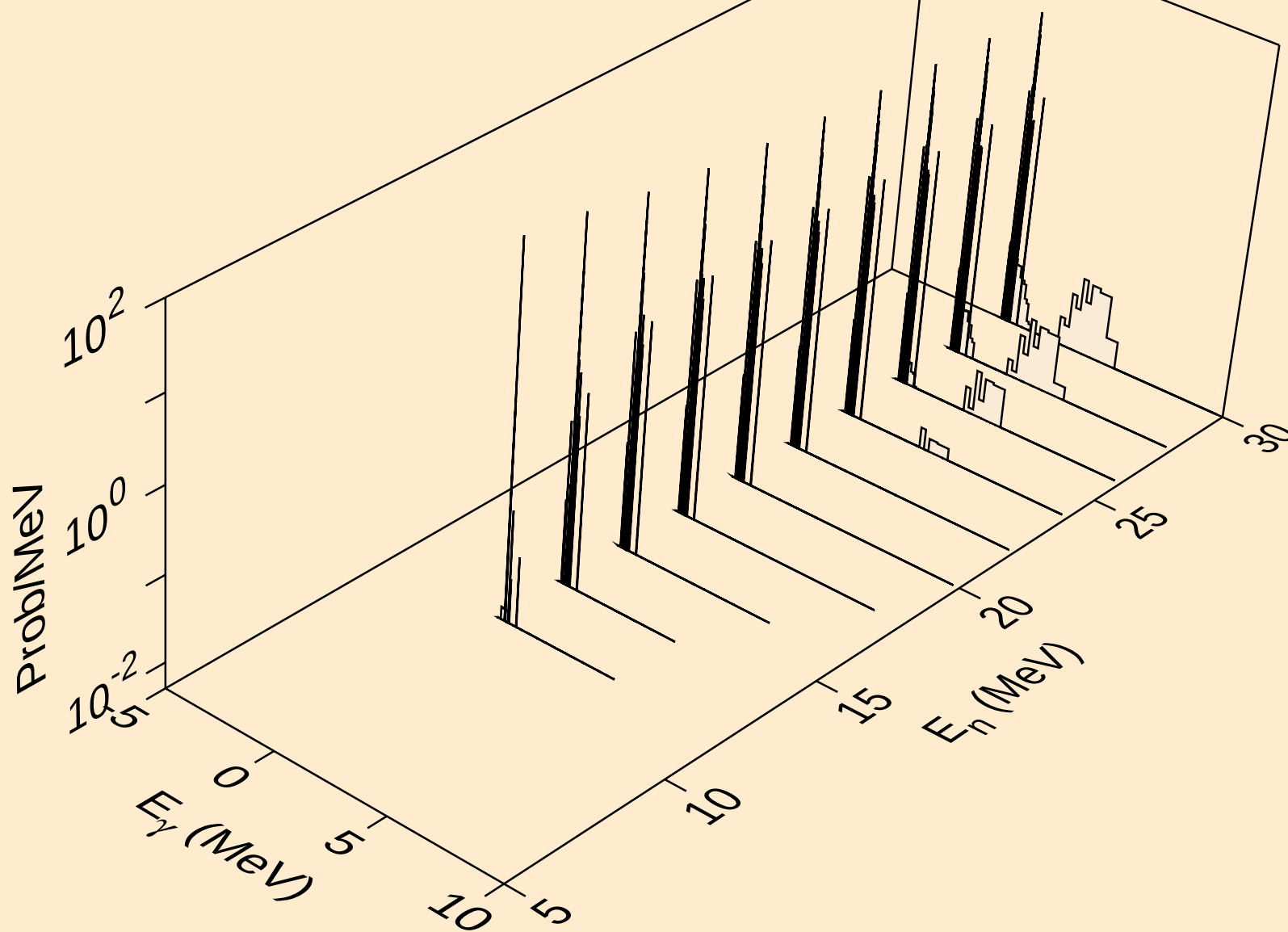
Photon emission for (n,n*)d2a



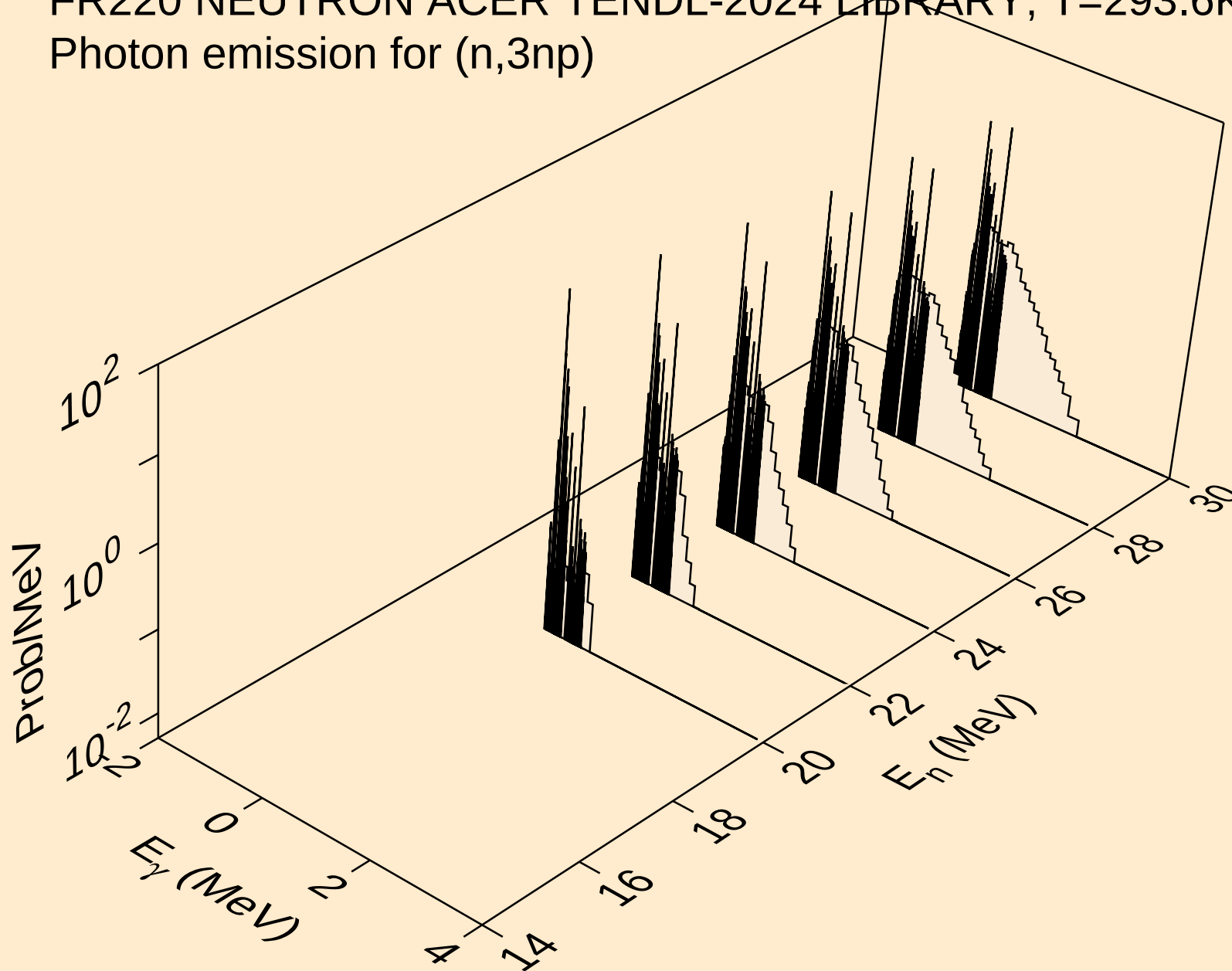
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



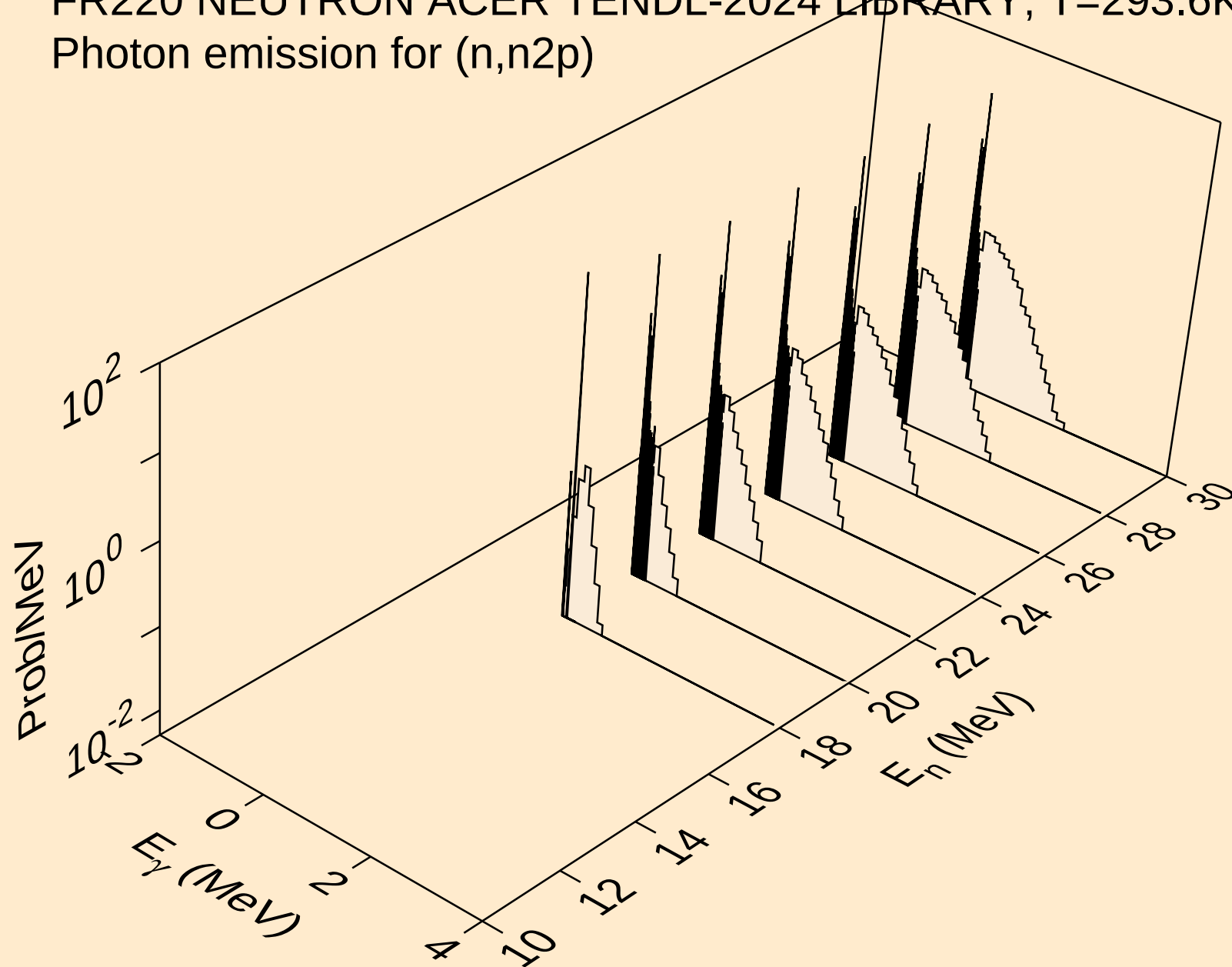
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



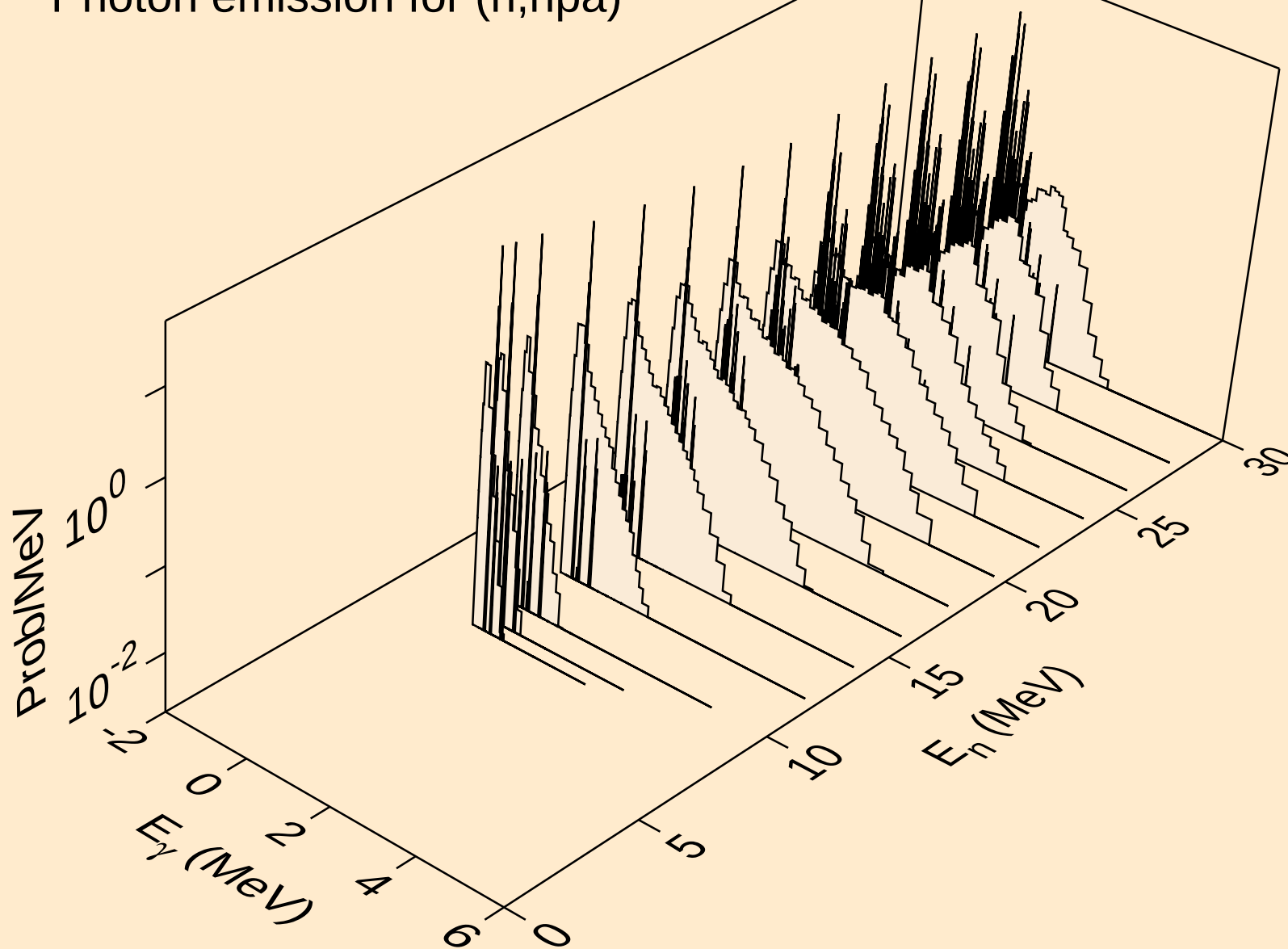
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



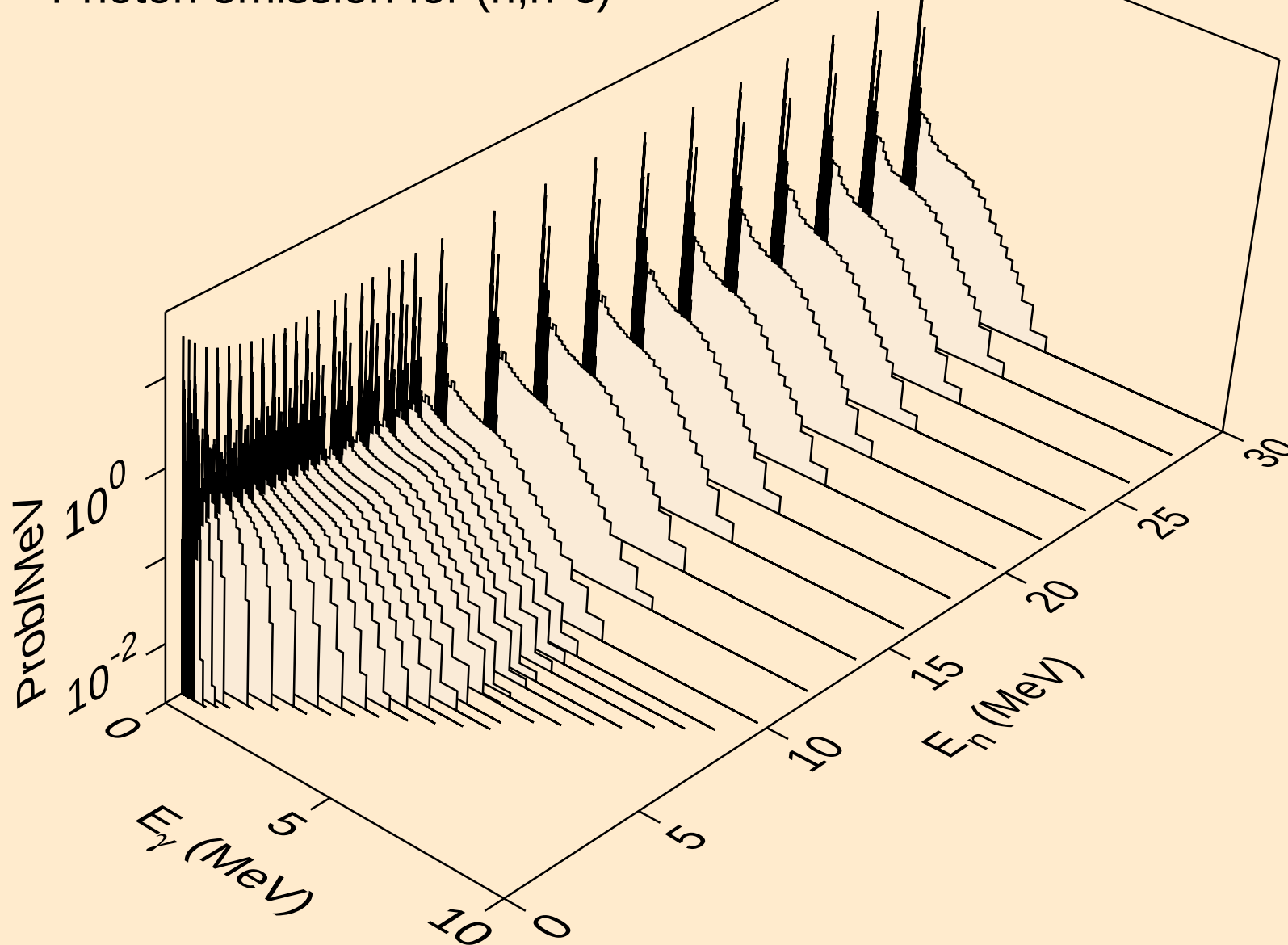
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



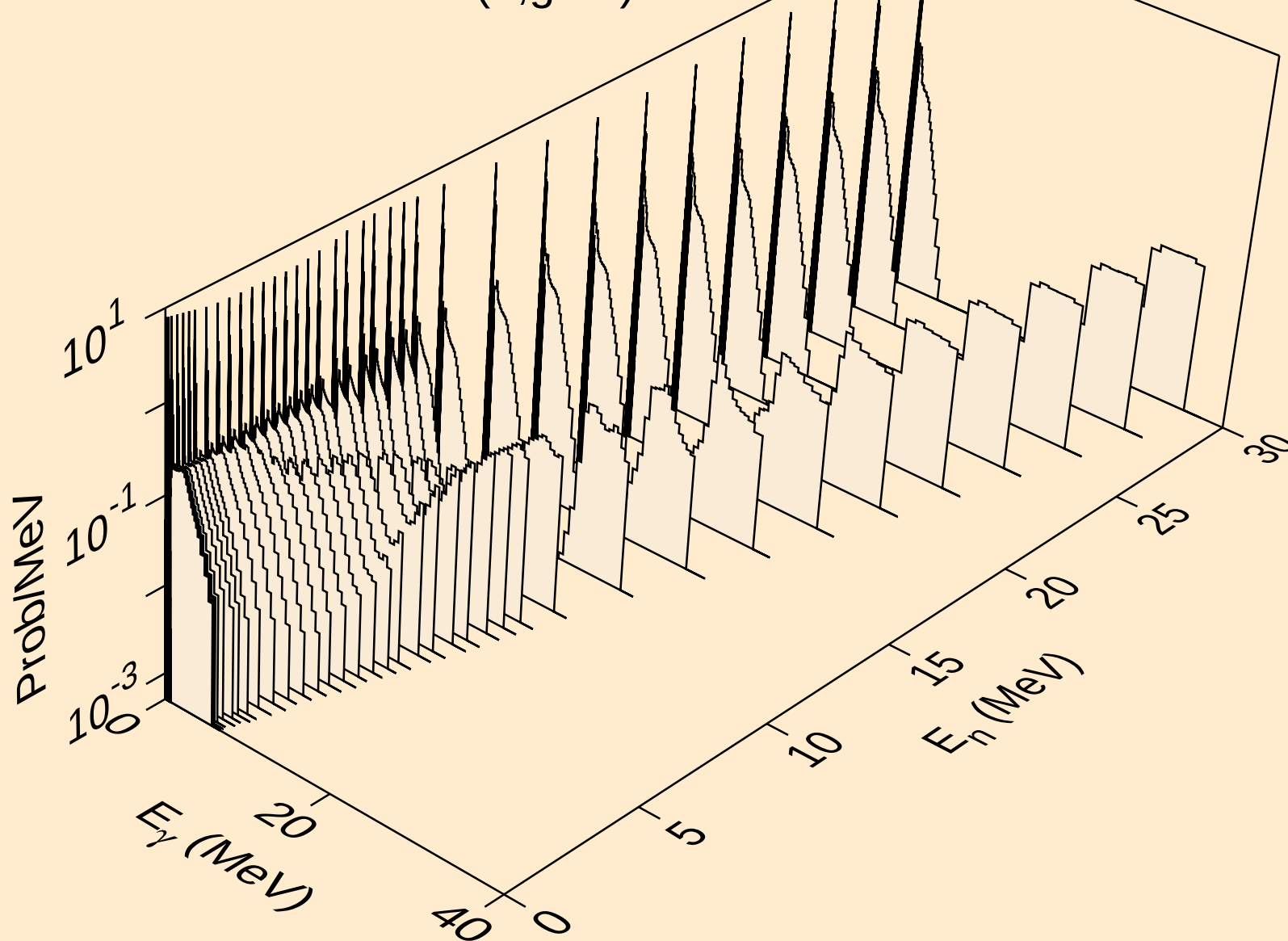
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



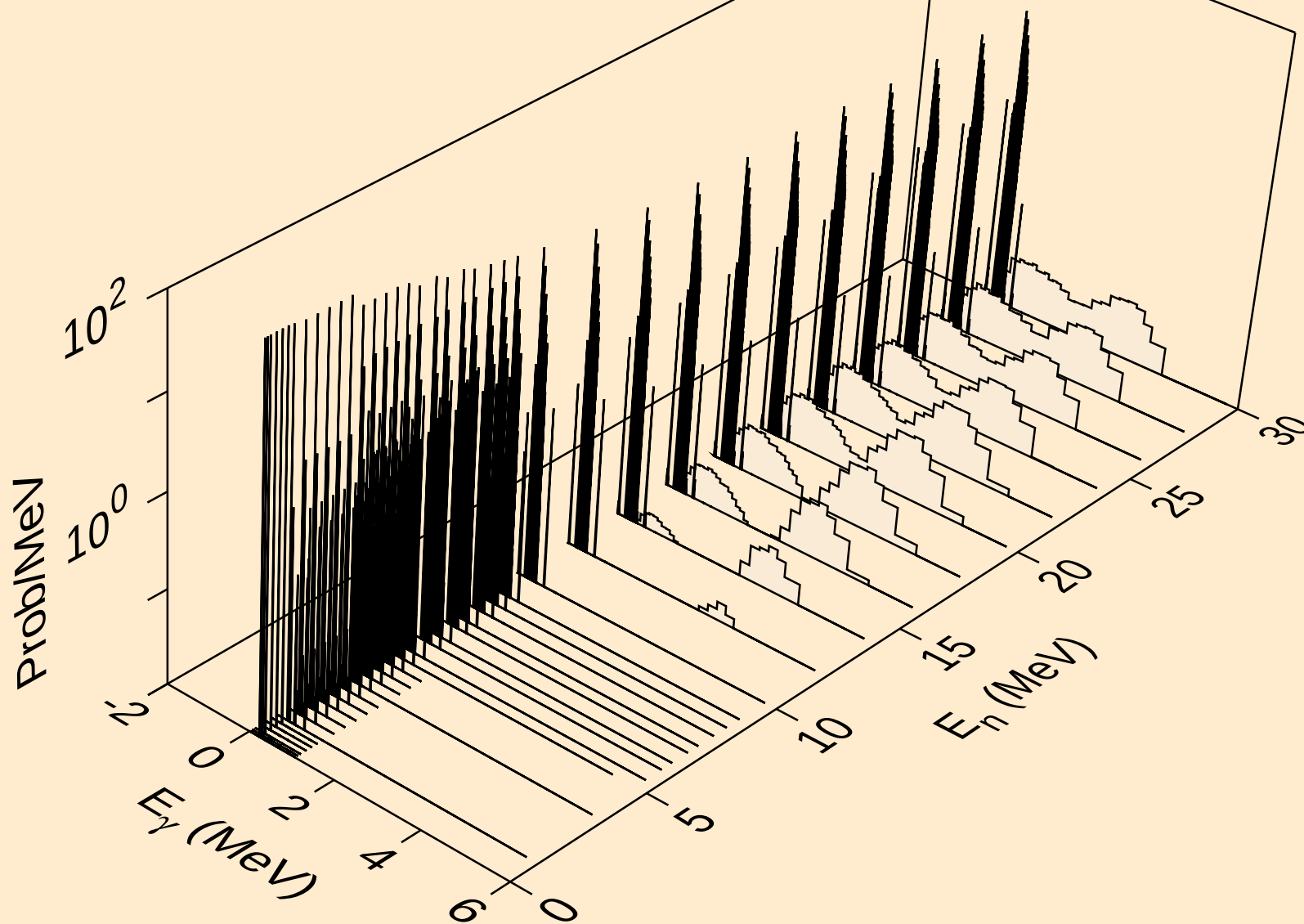
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



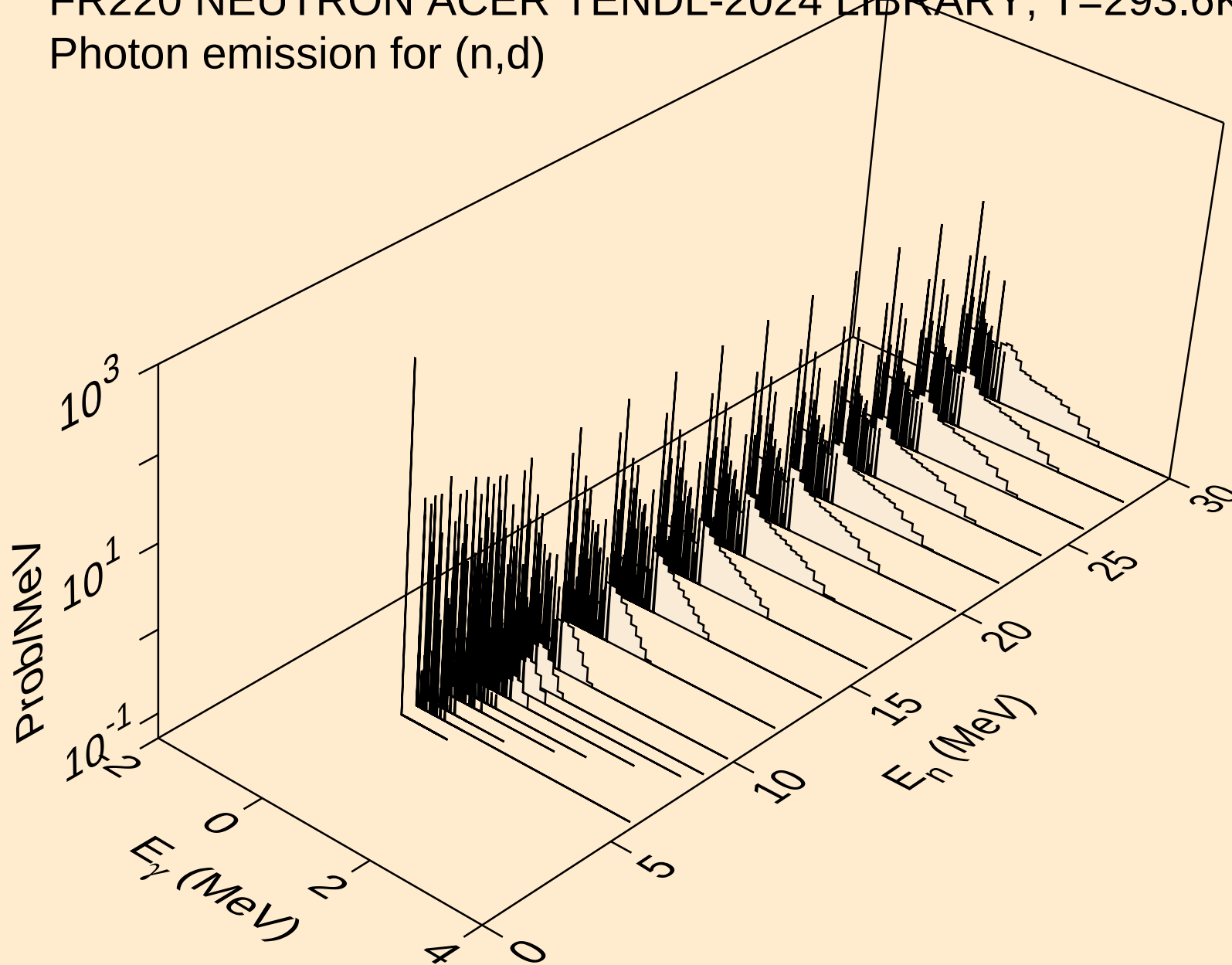
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



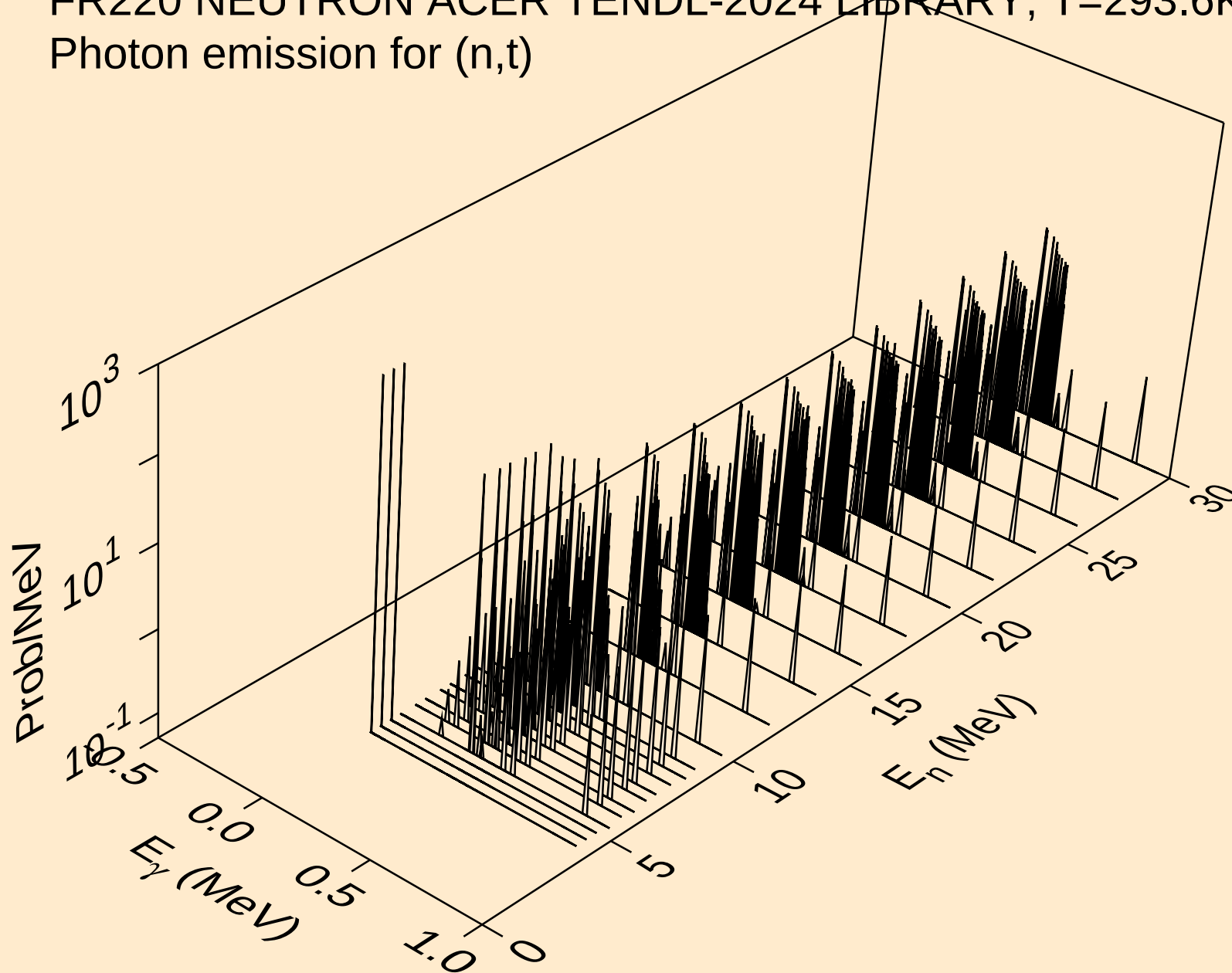
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



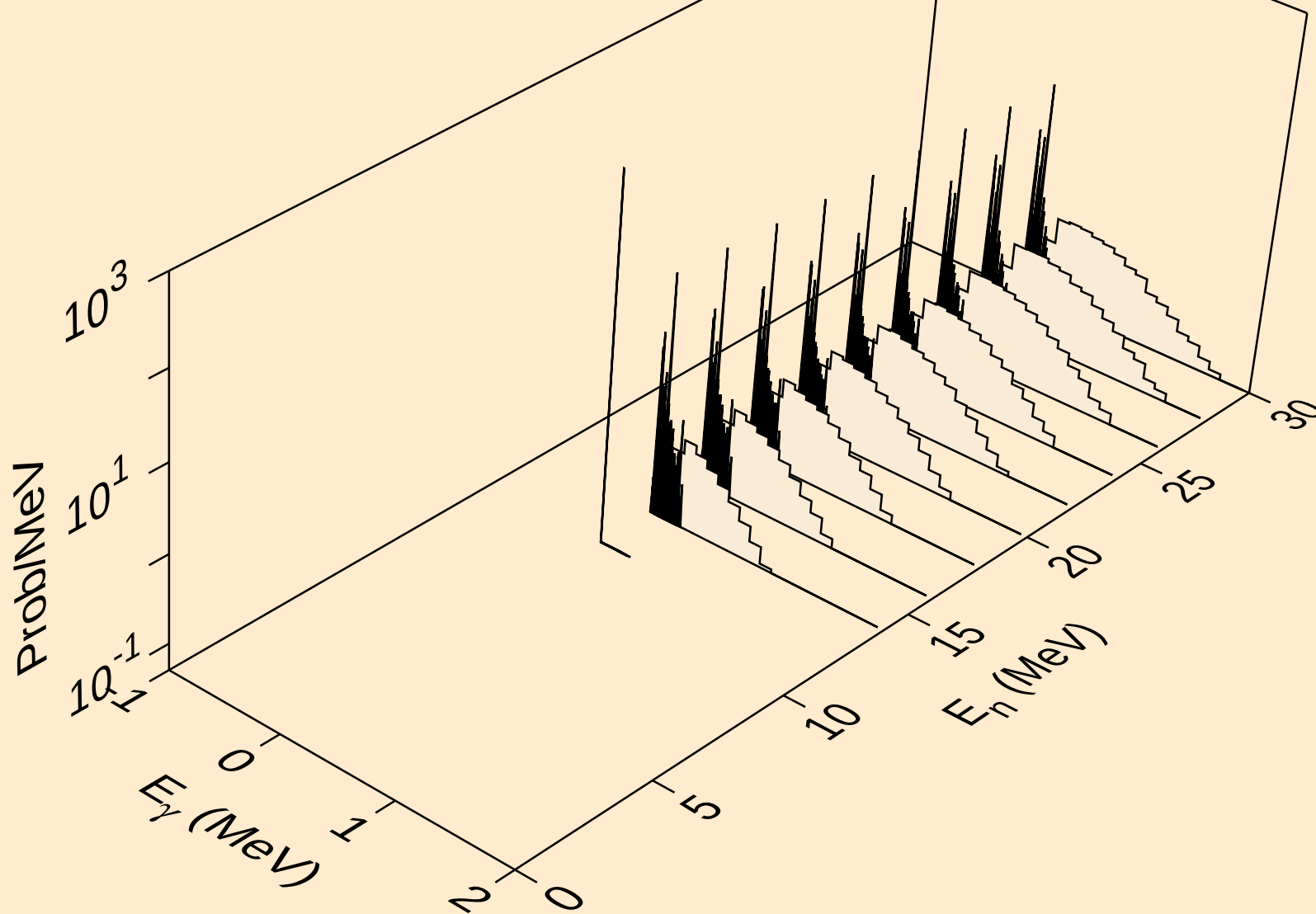
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



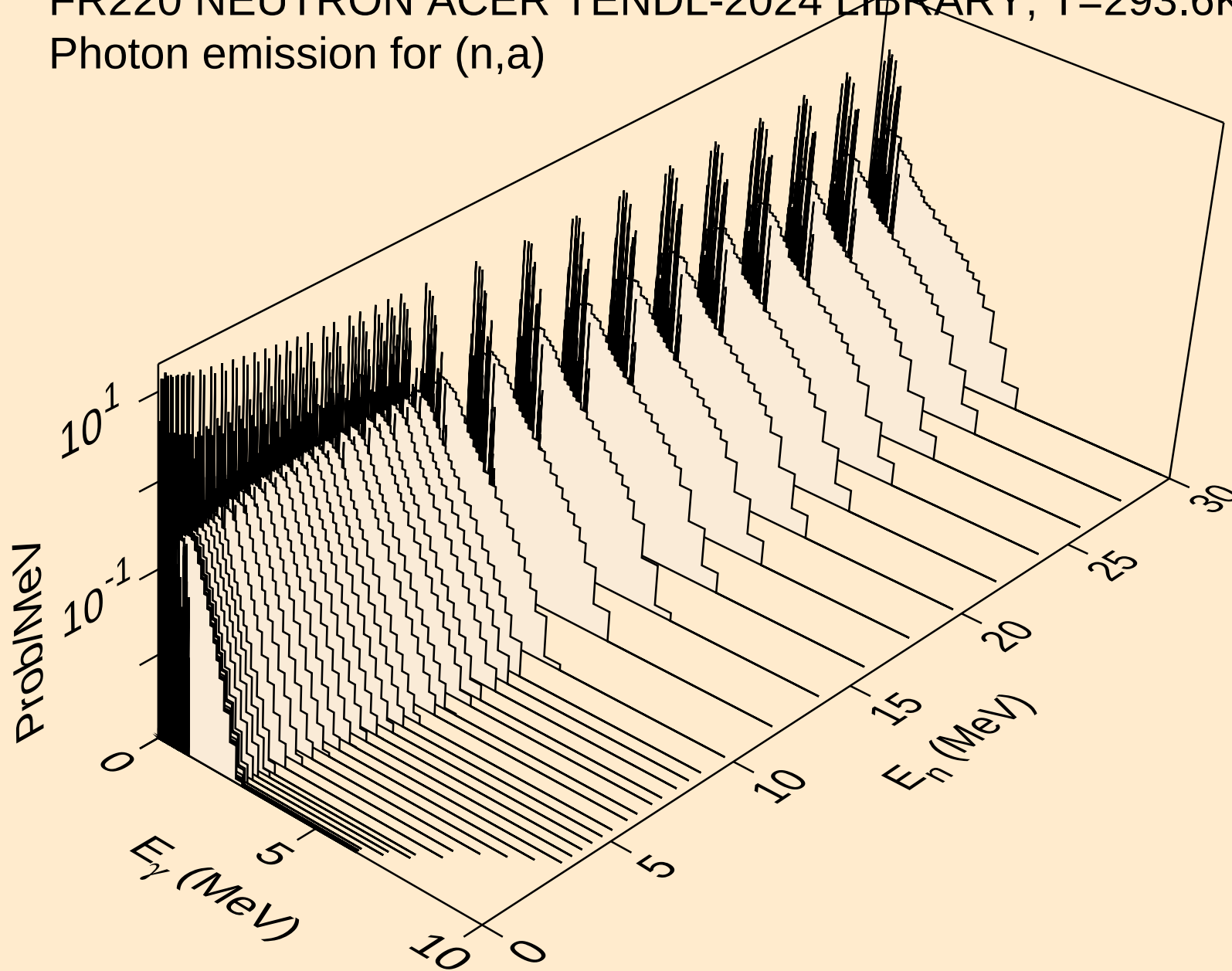
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



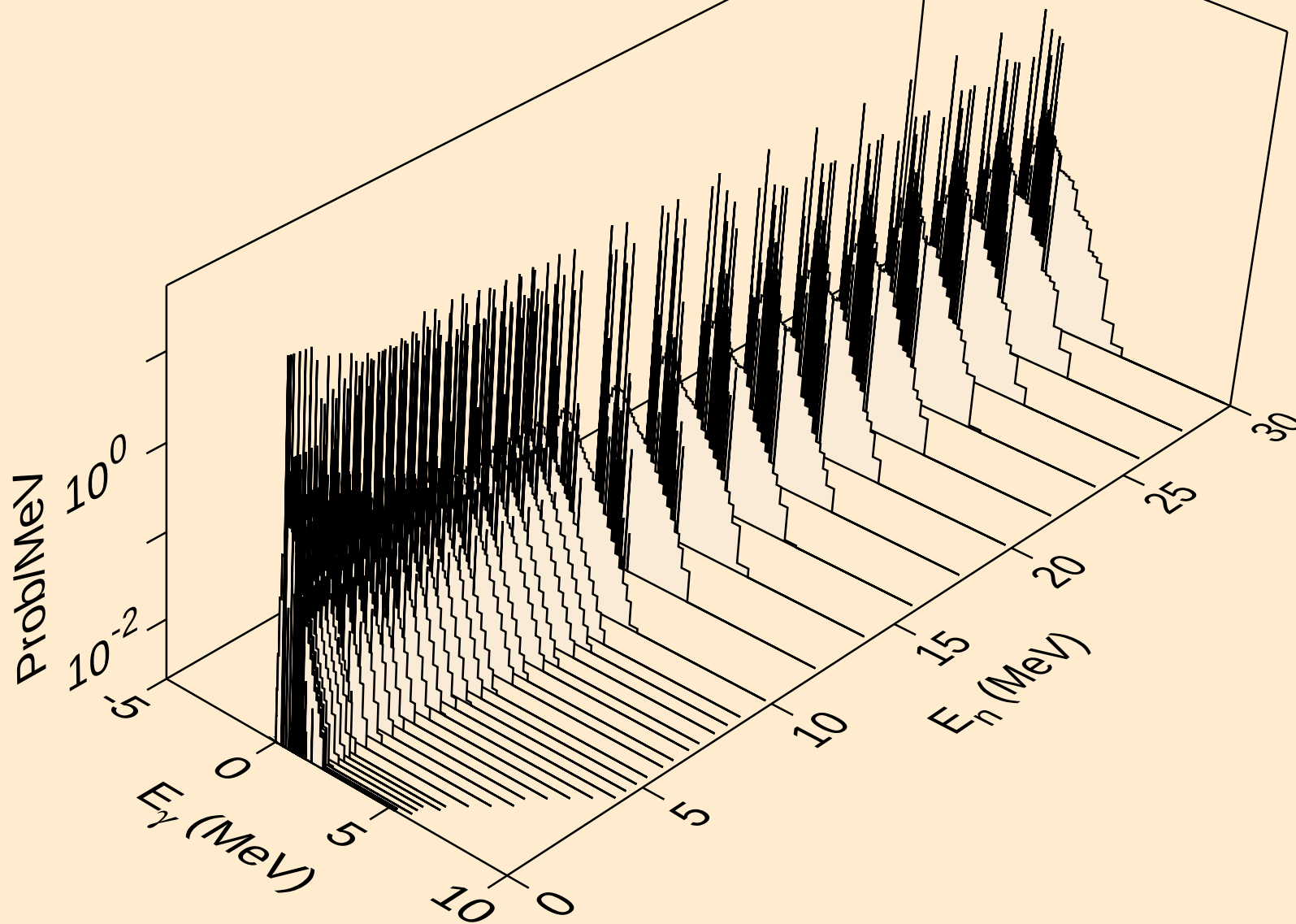
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



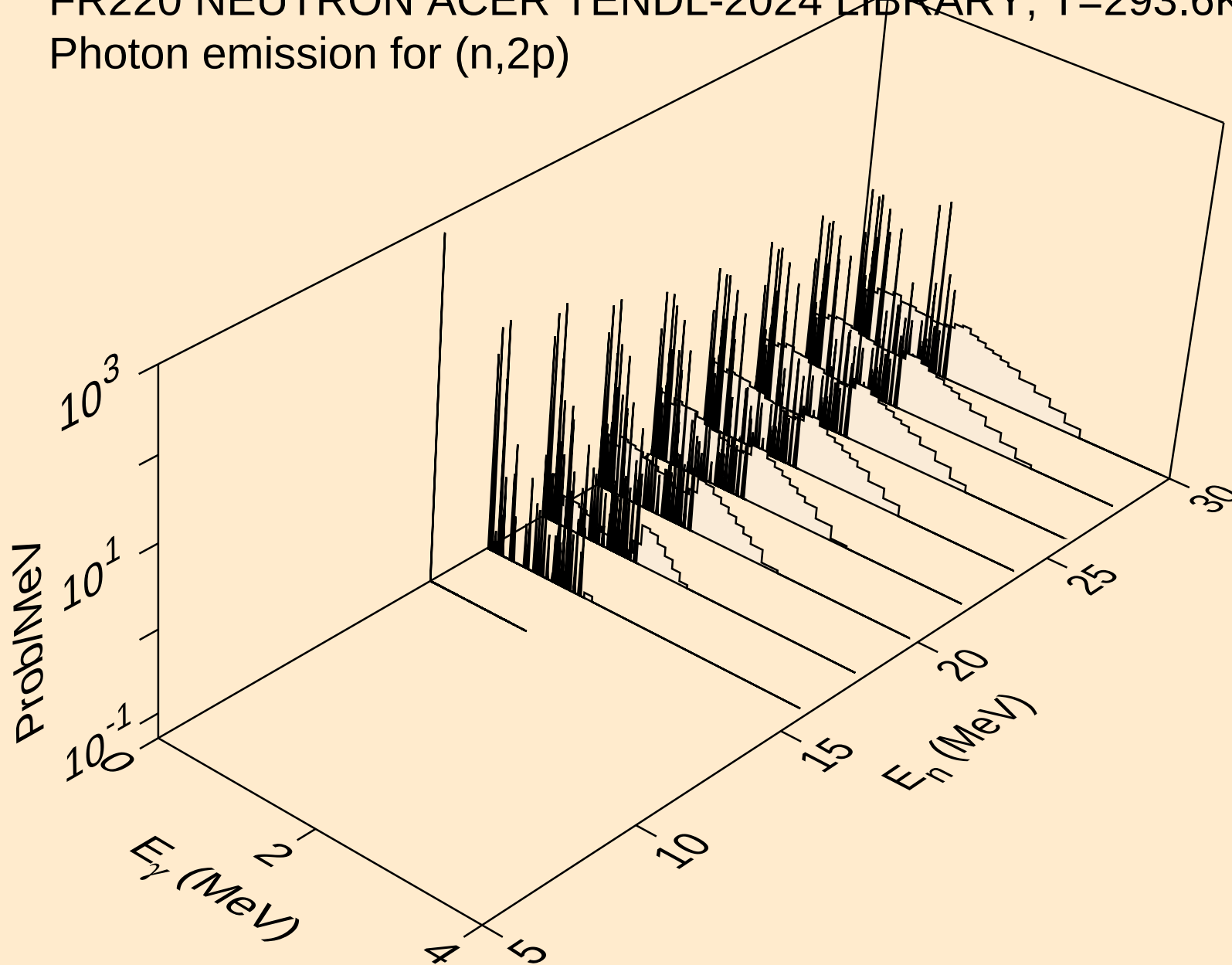
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



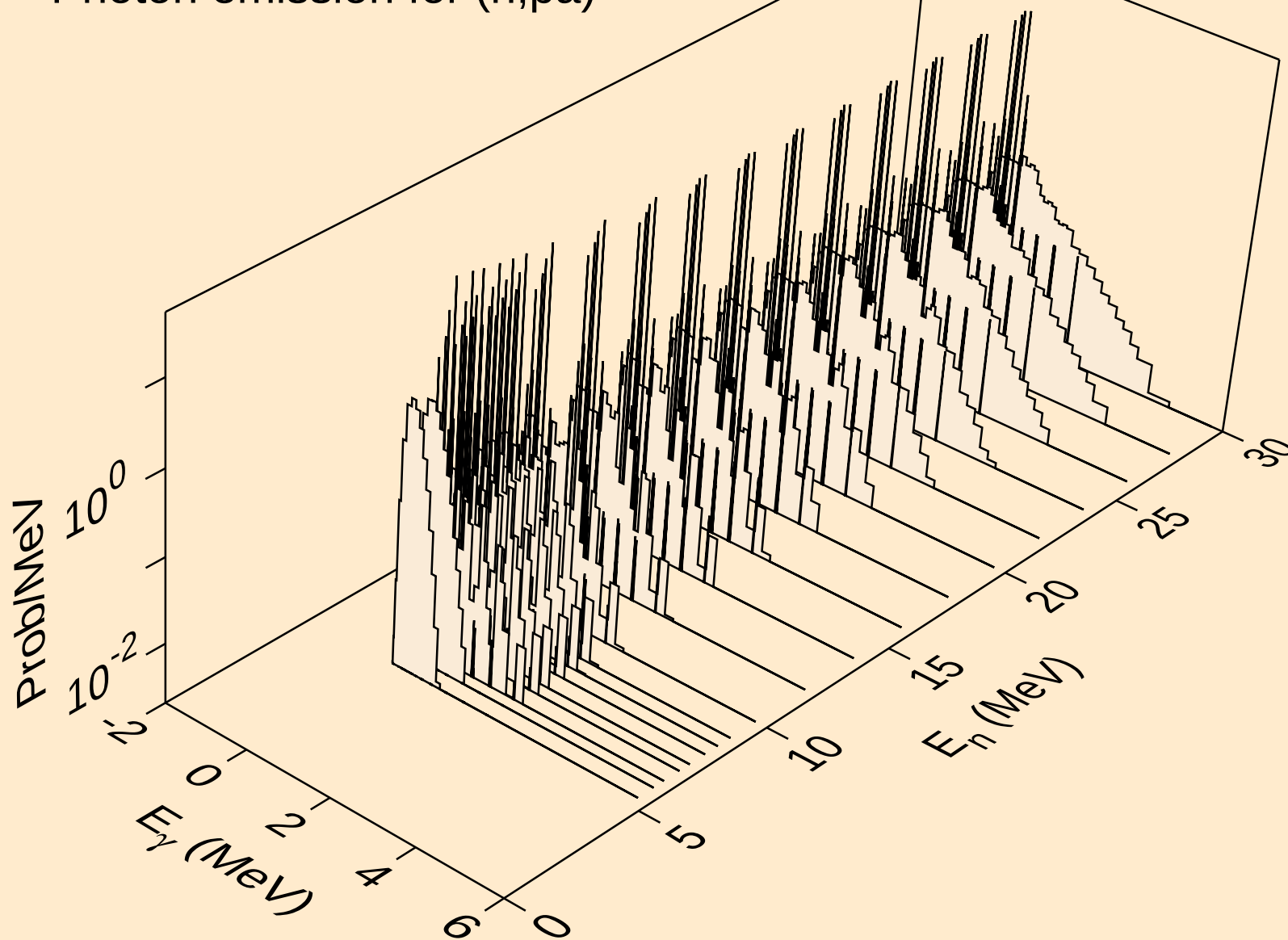
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



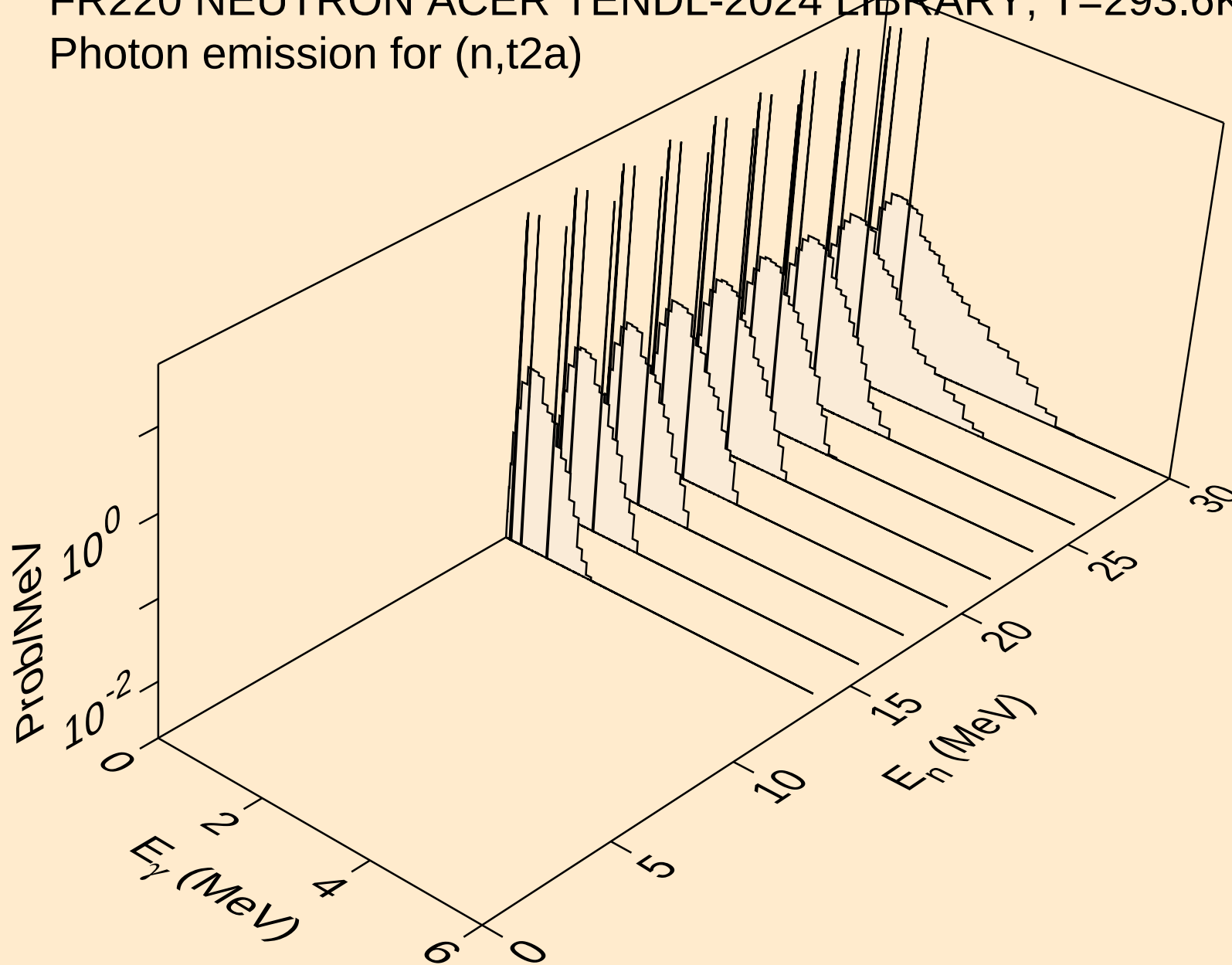
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



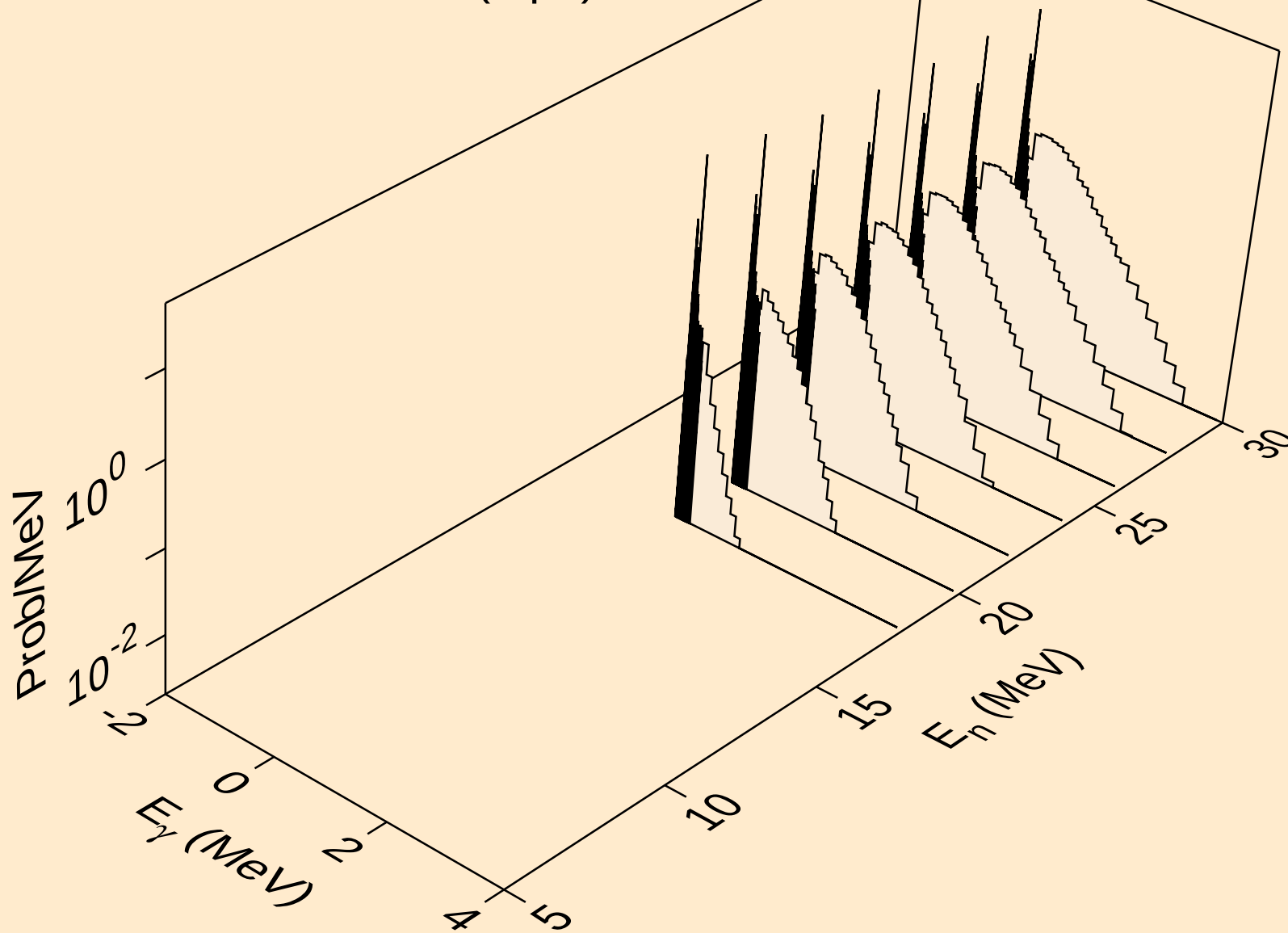
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



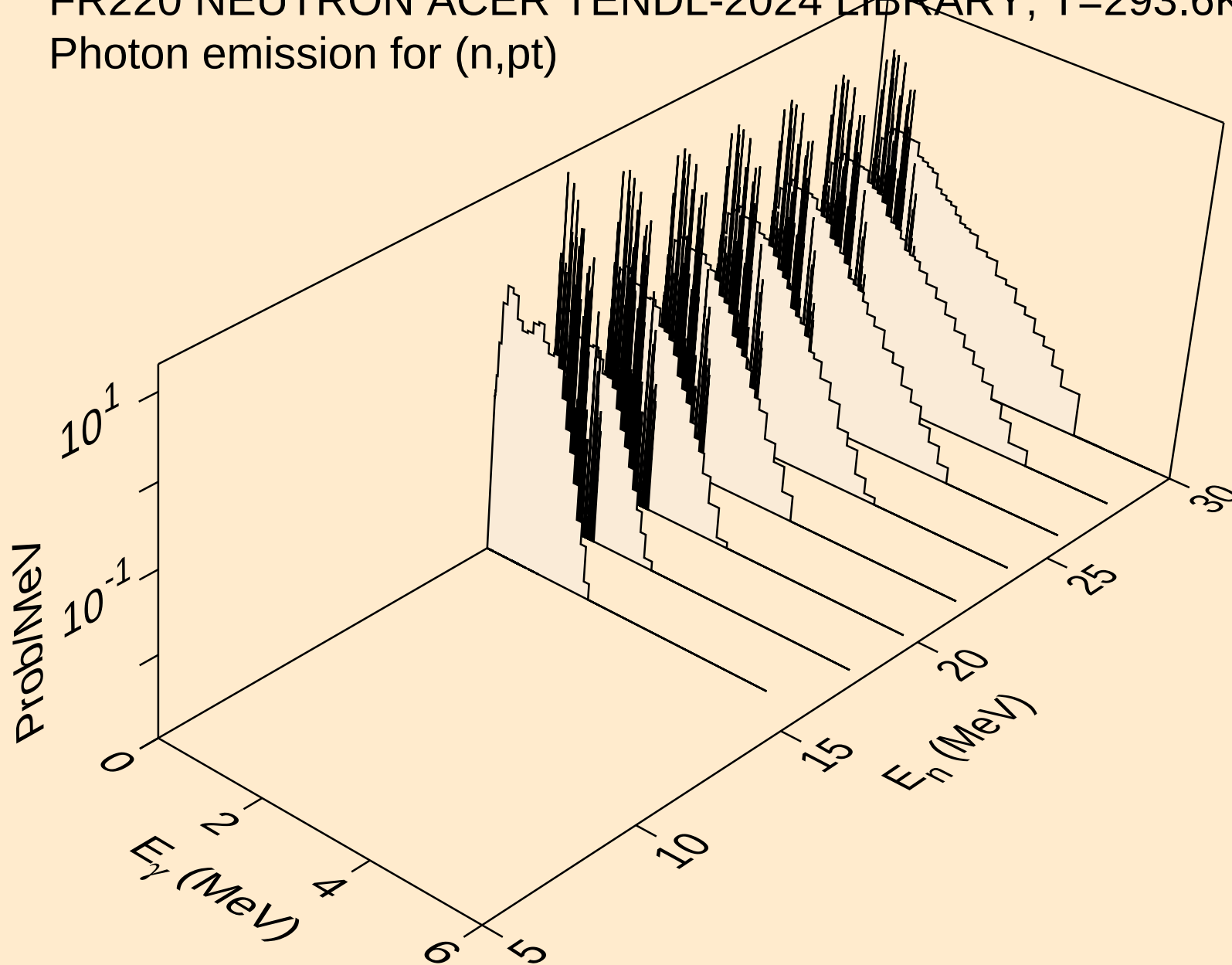
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t2a)



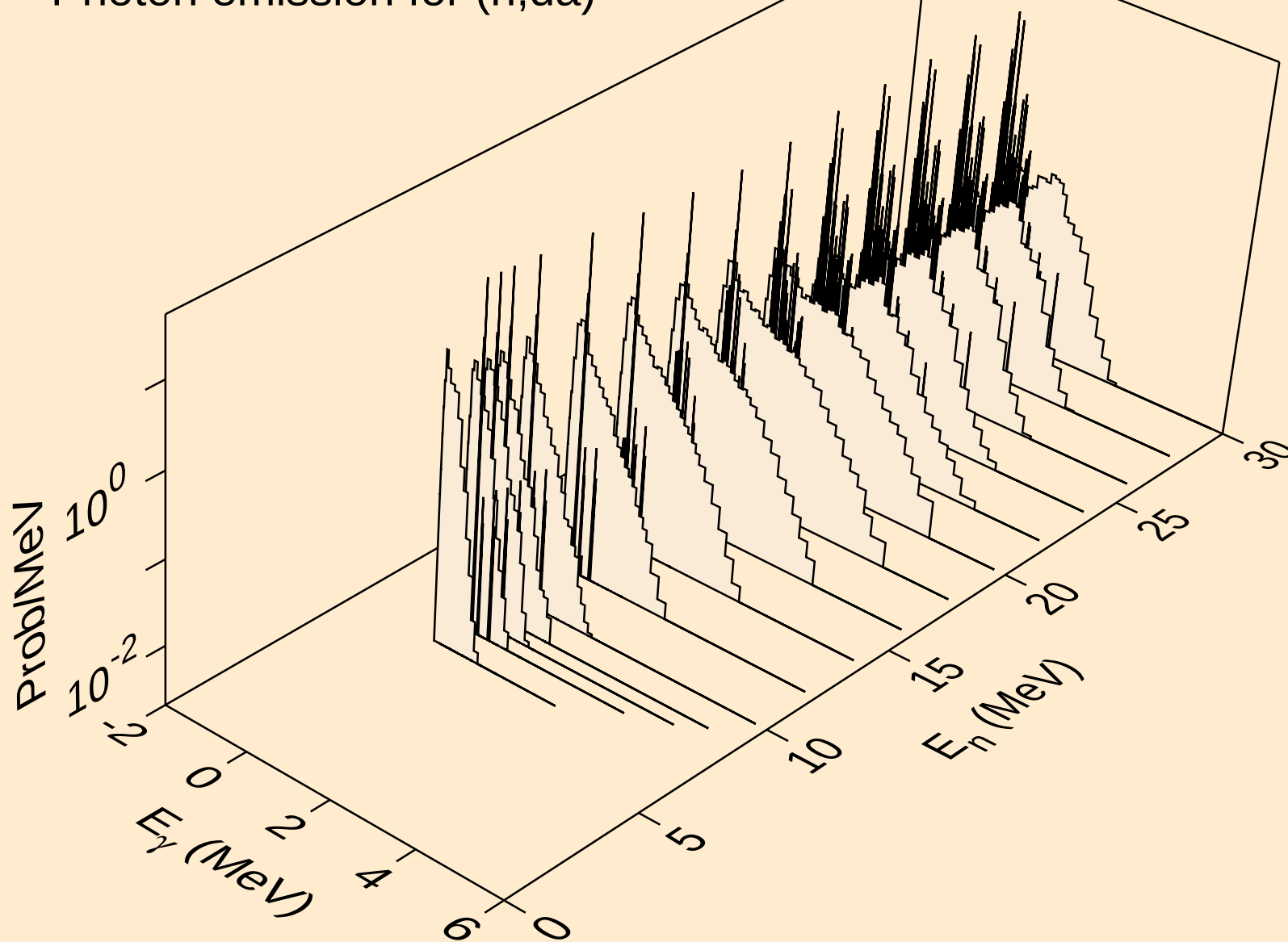
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



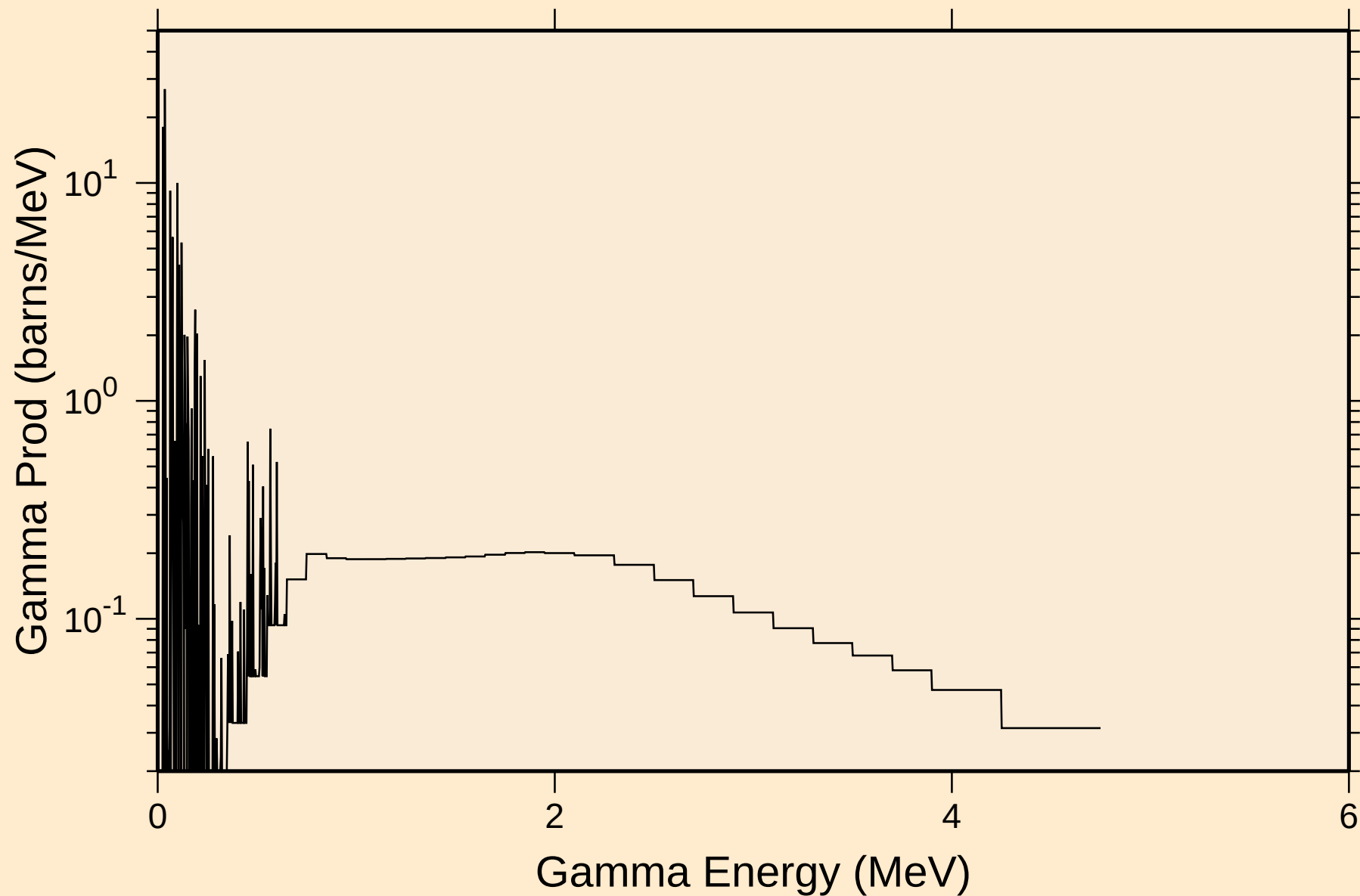
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



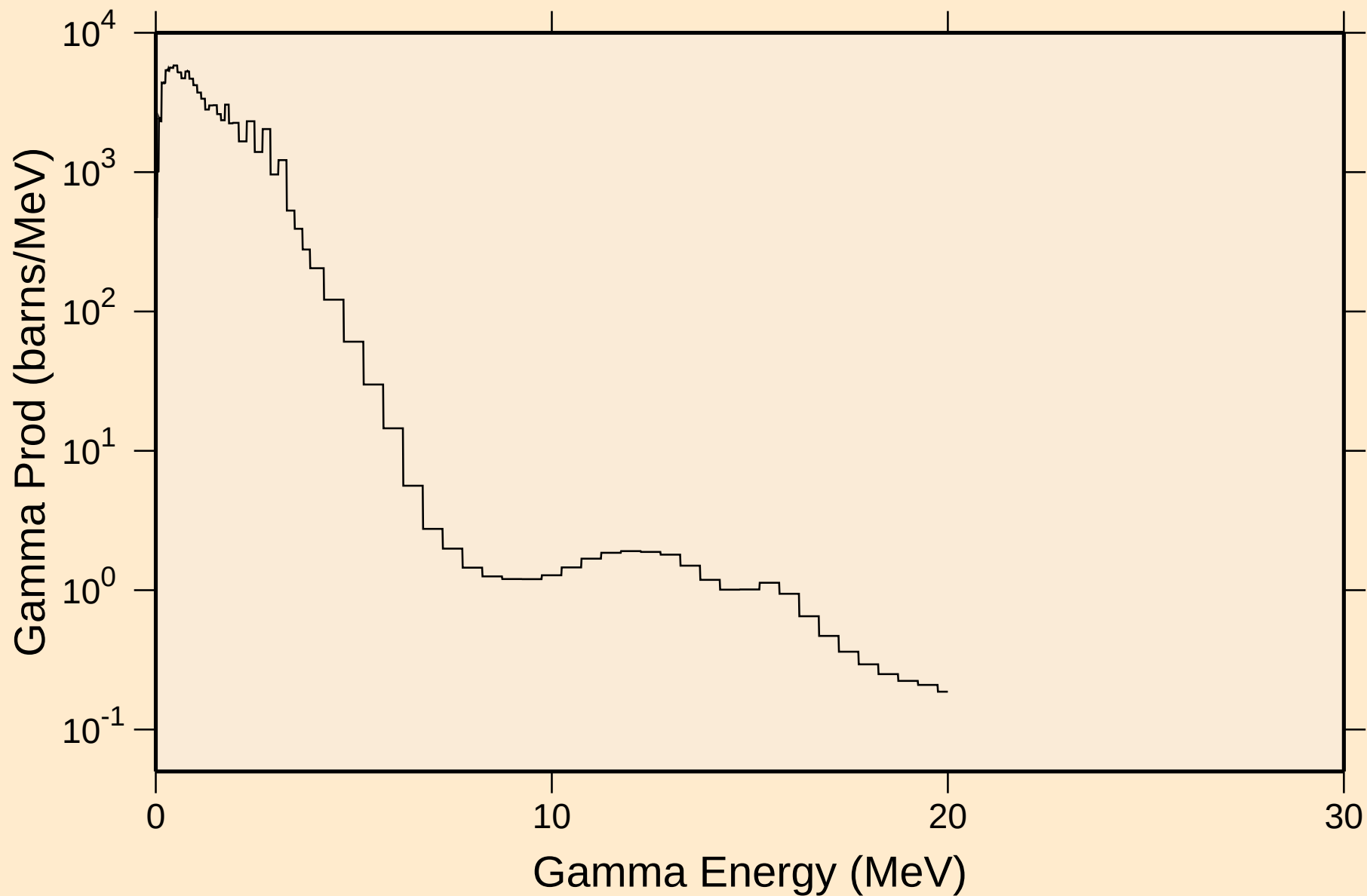
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



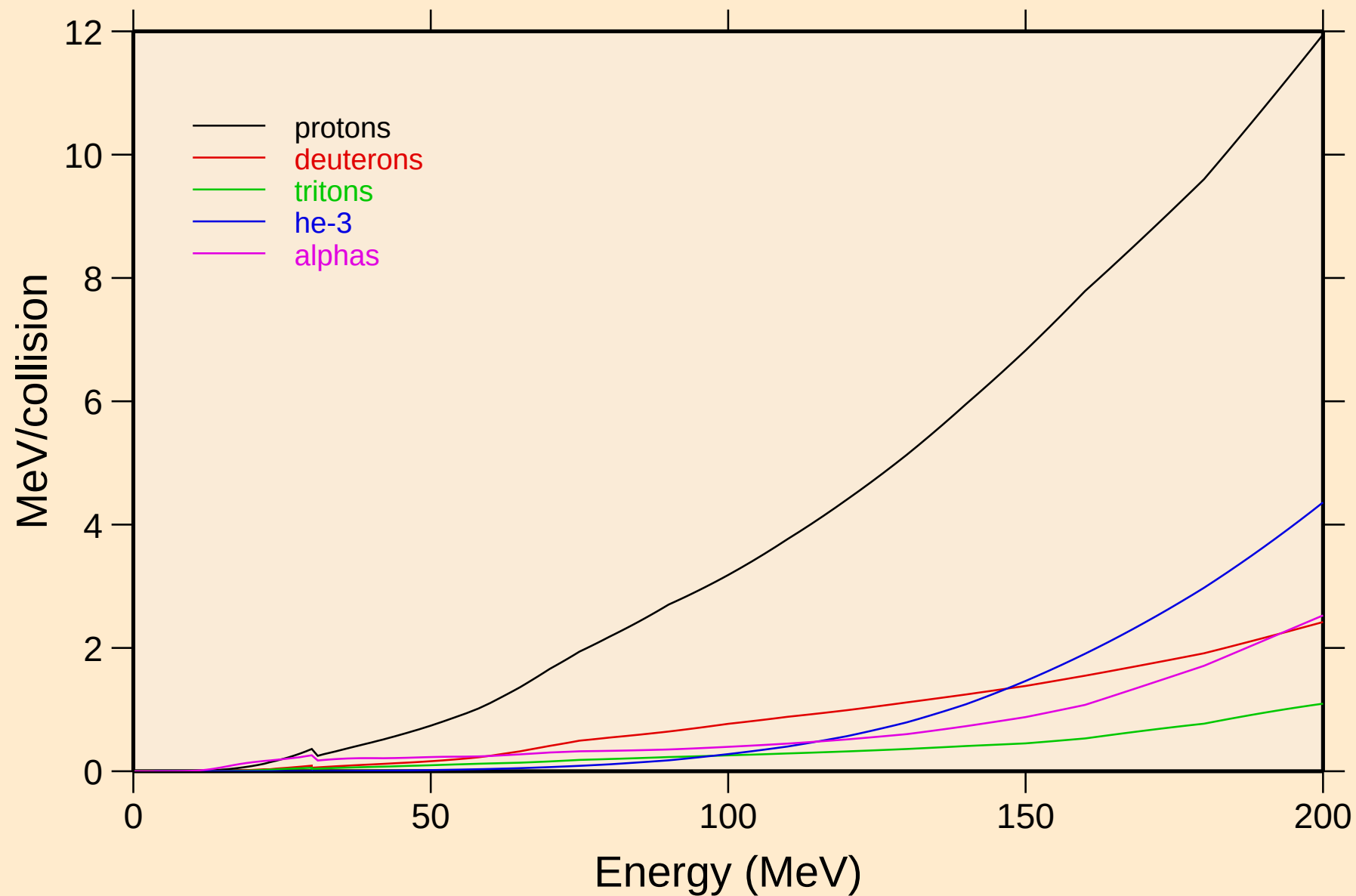
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

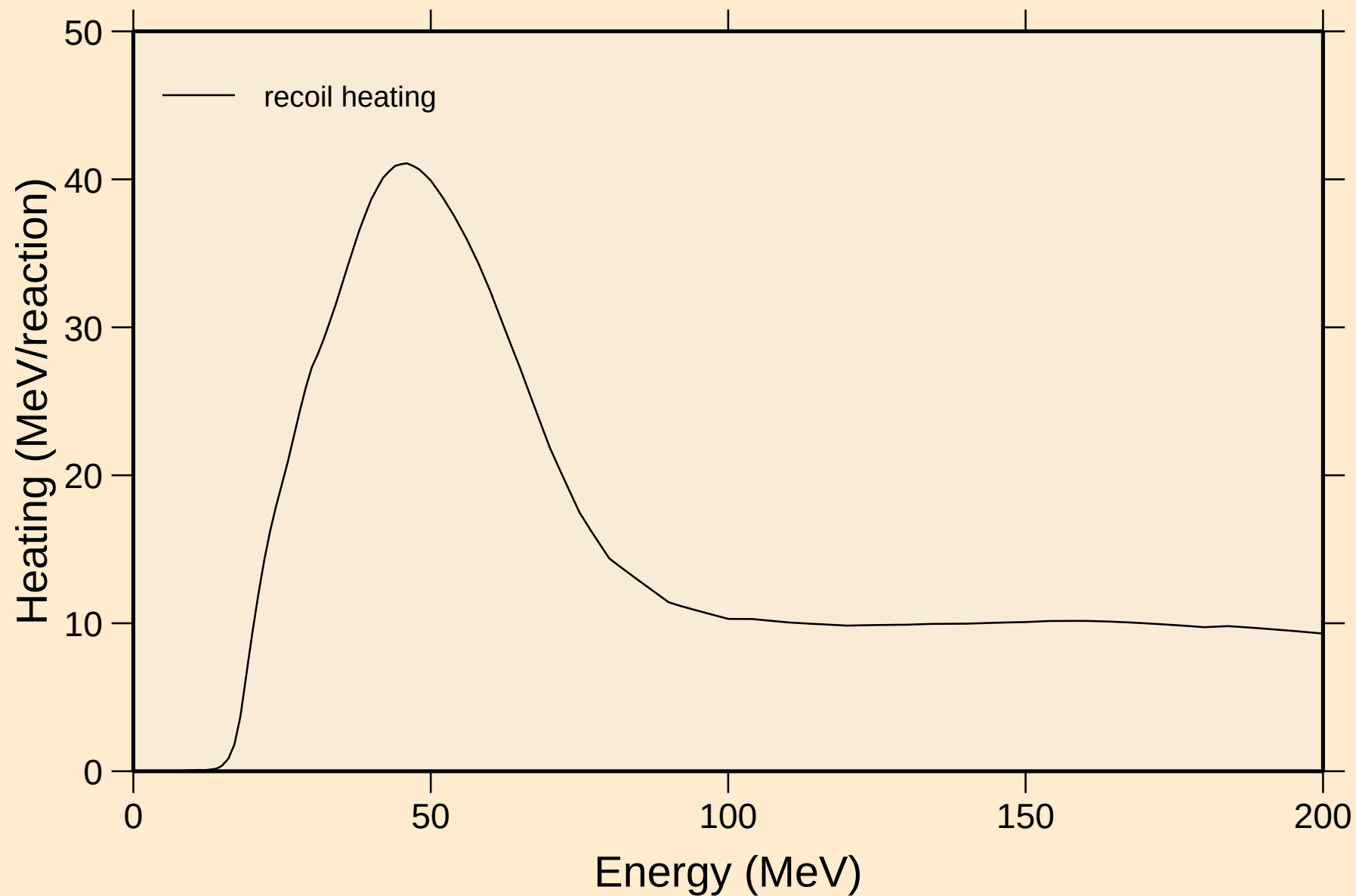


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions

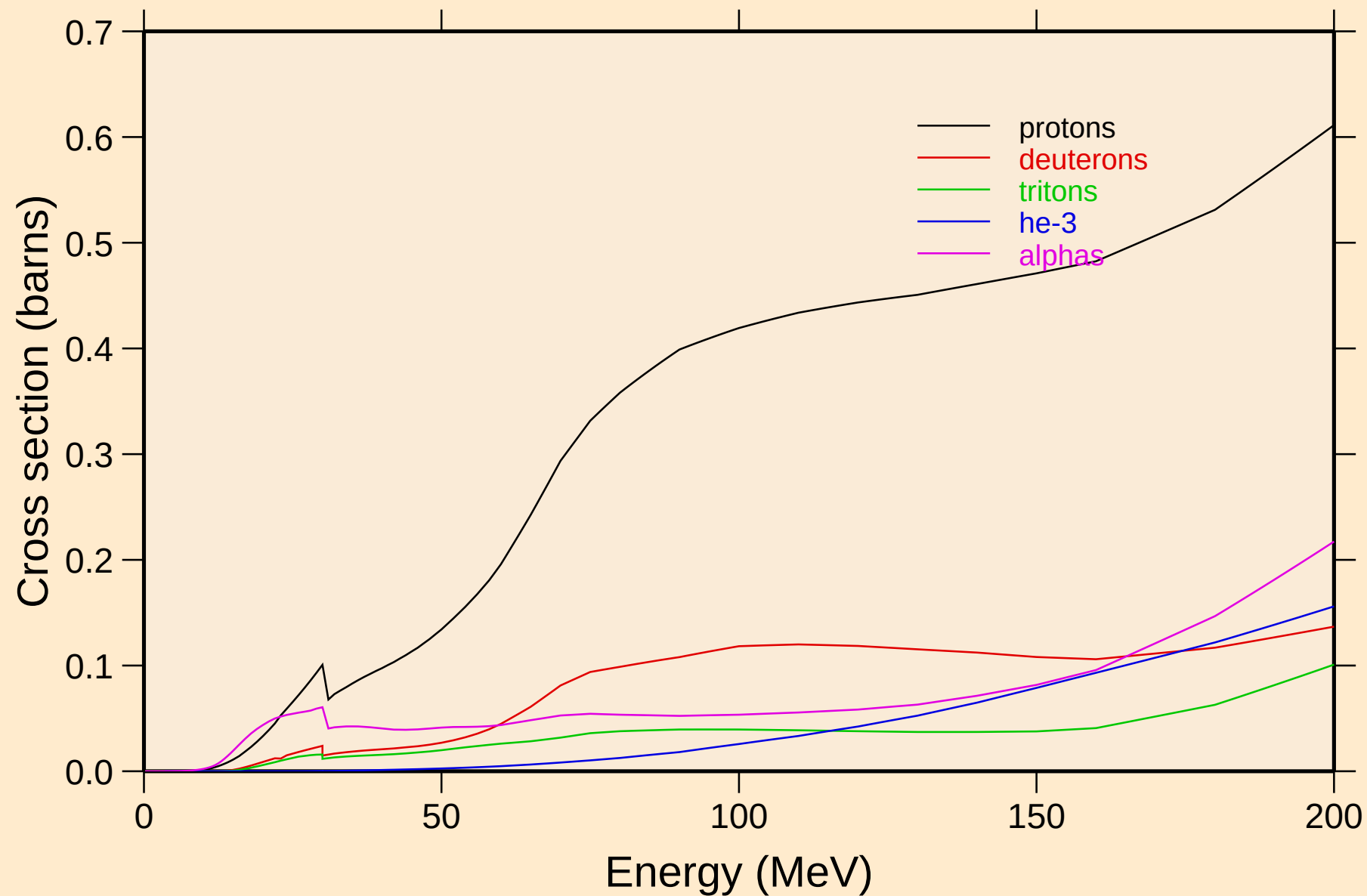


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

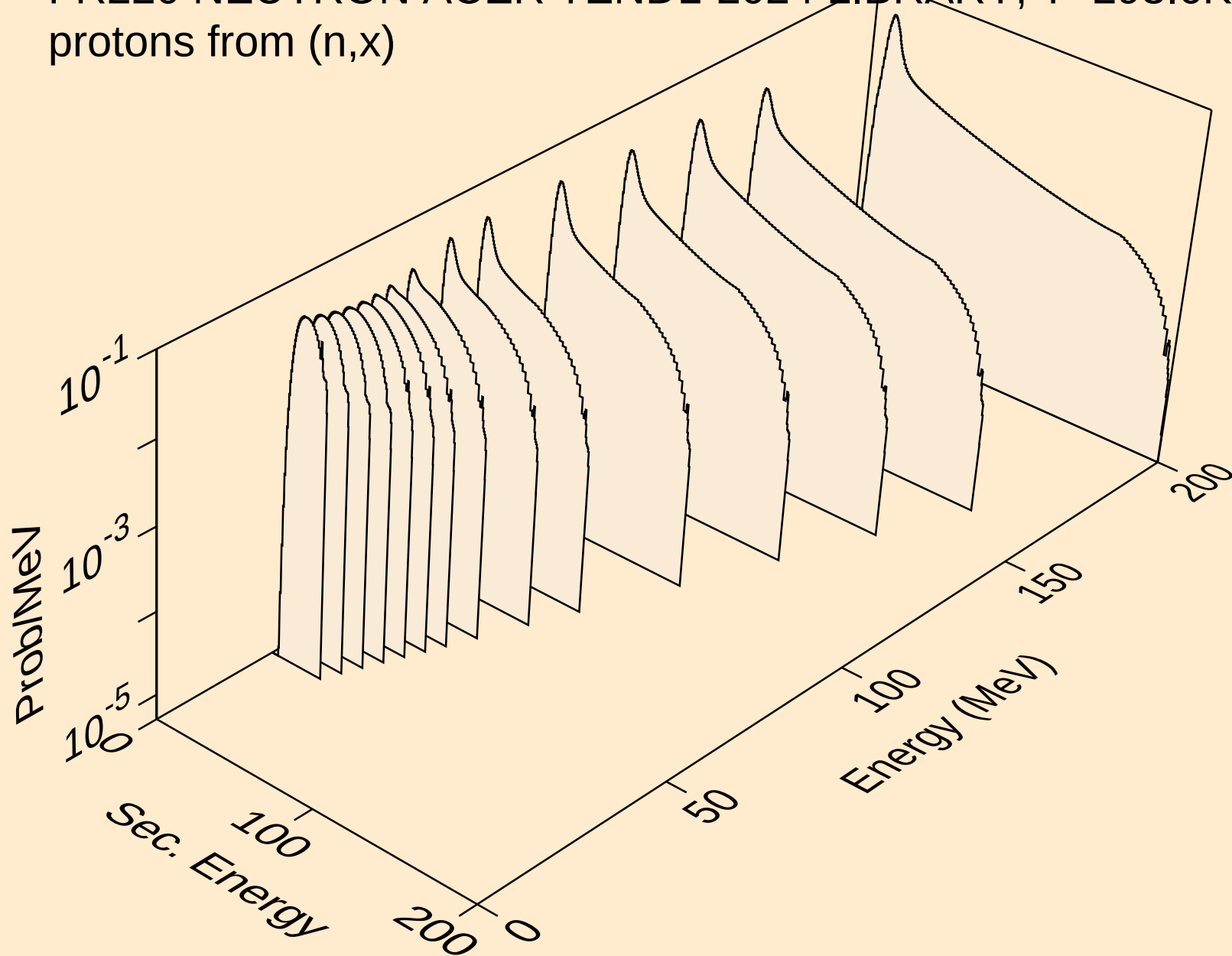
Recoil Heating



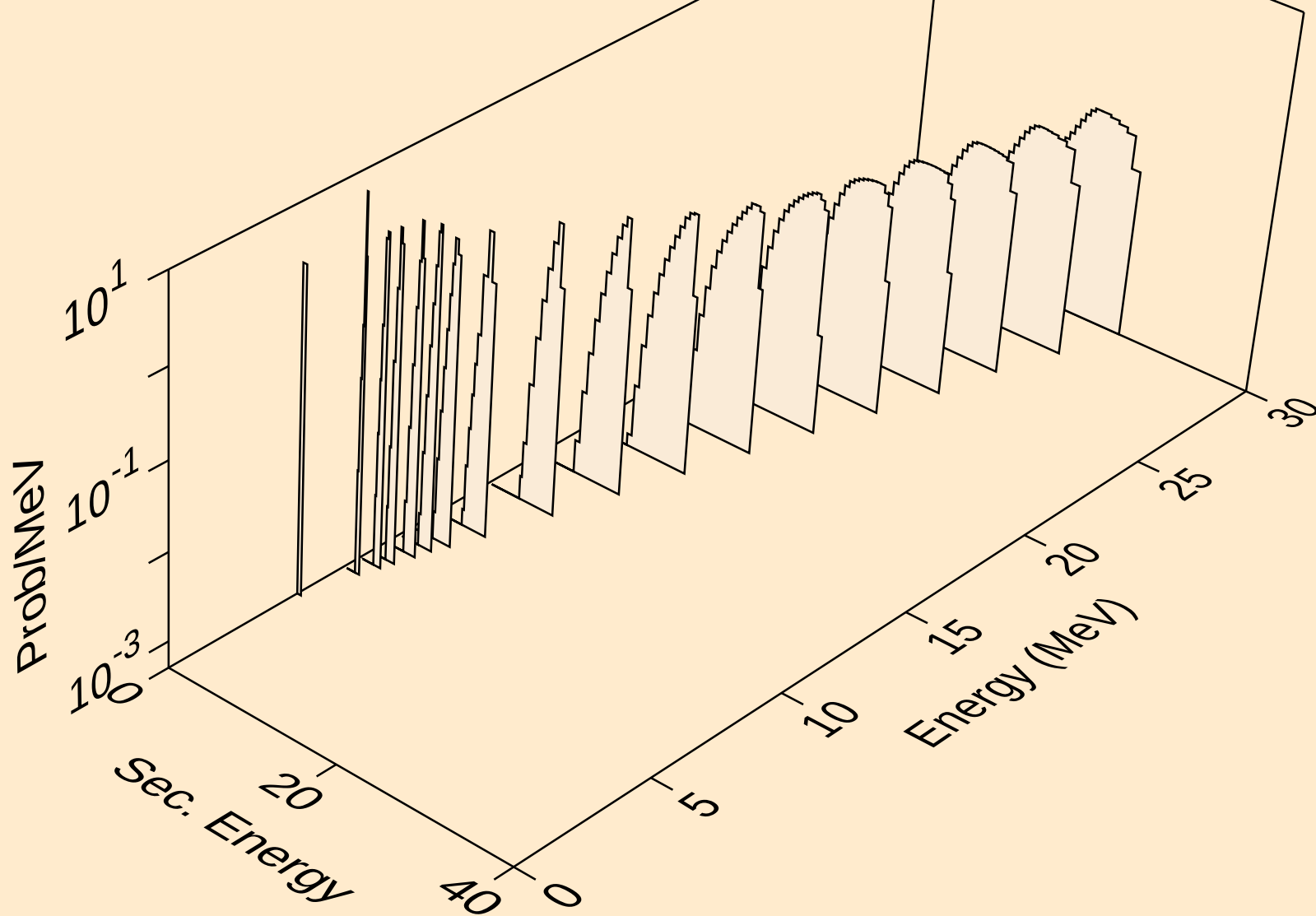
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



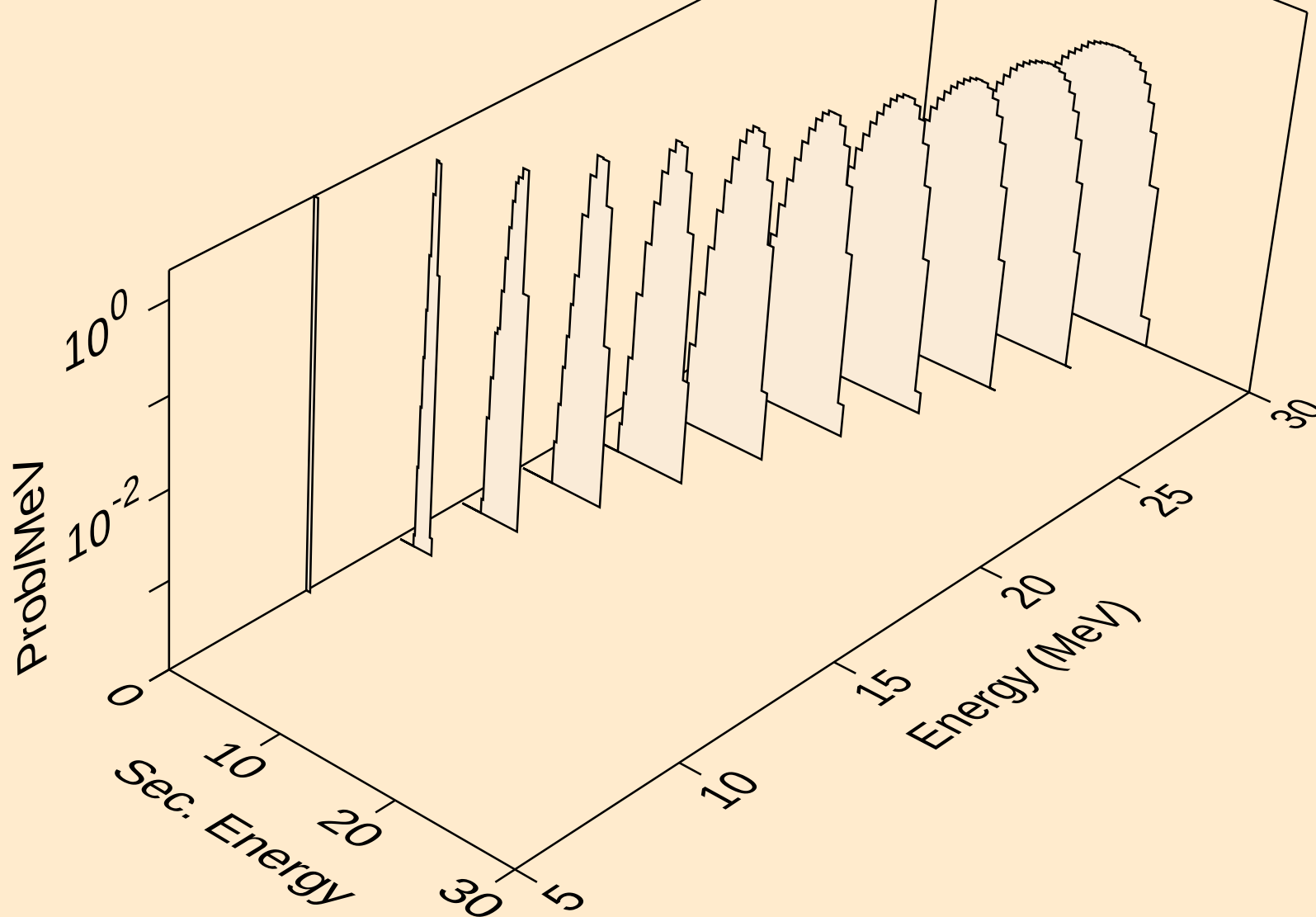
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



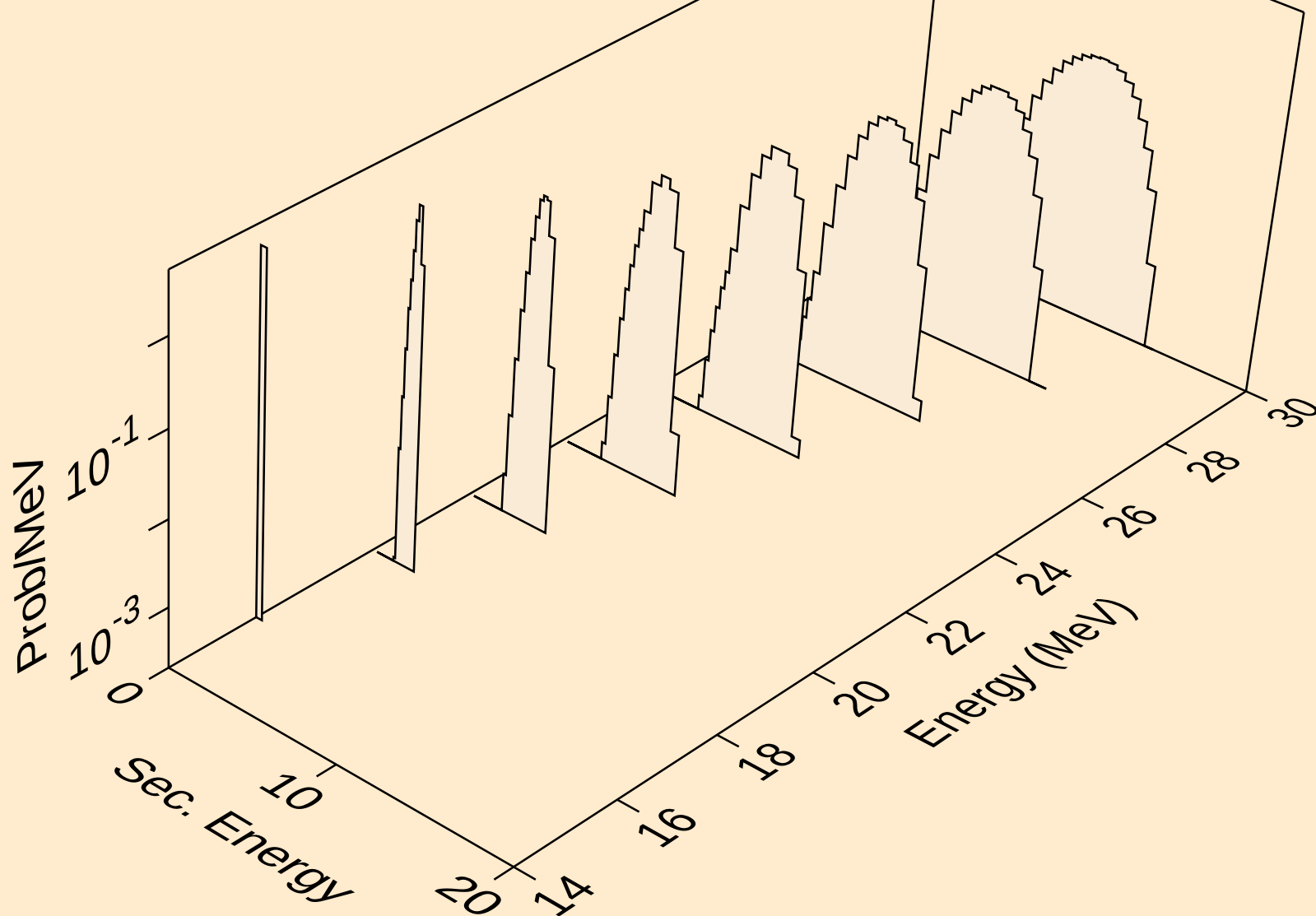
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



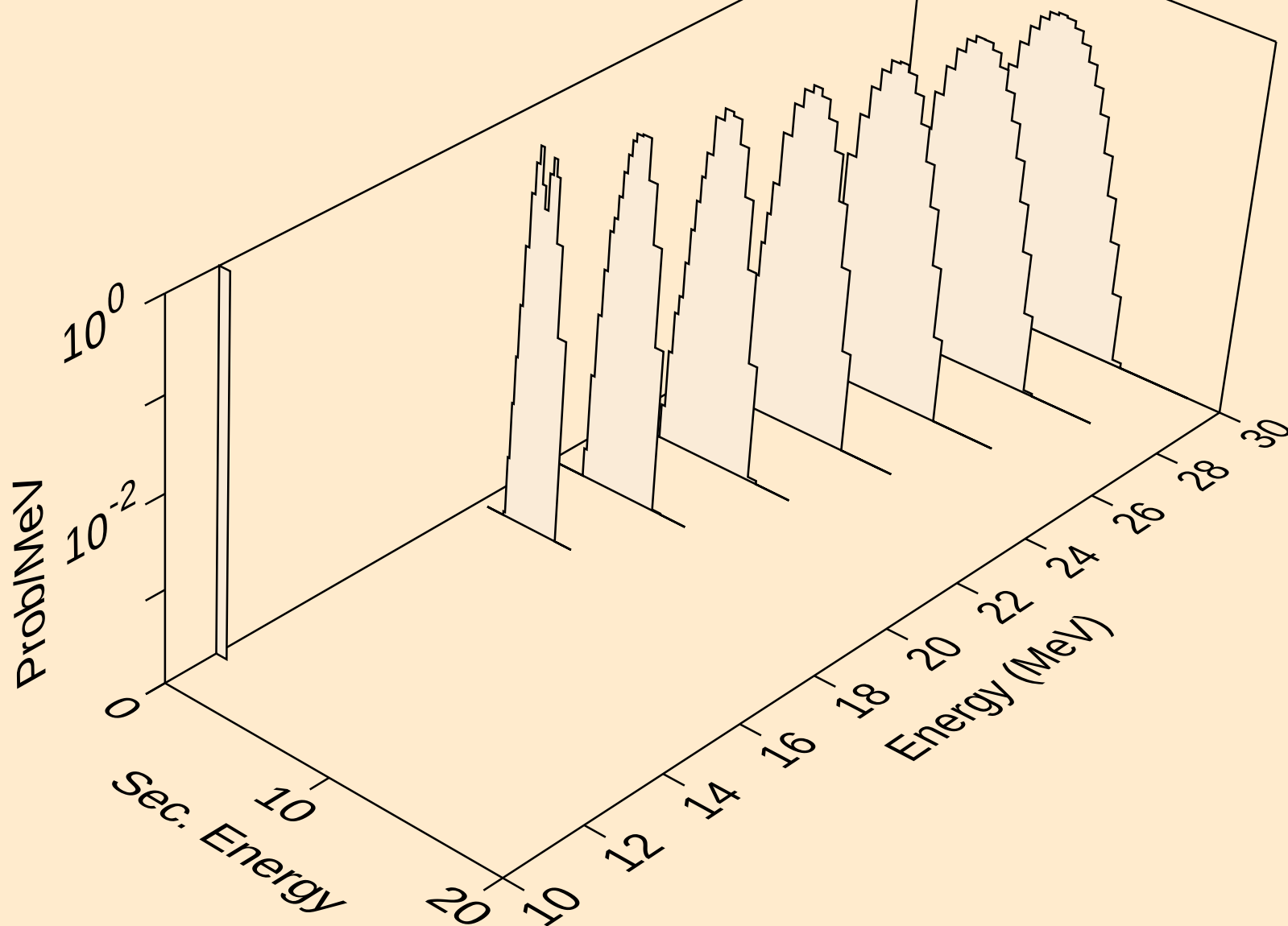
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



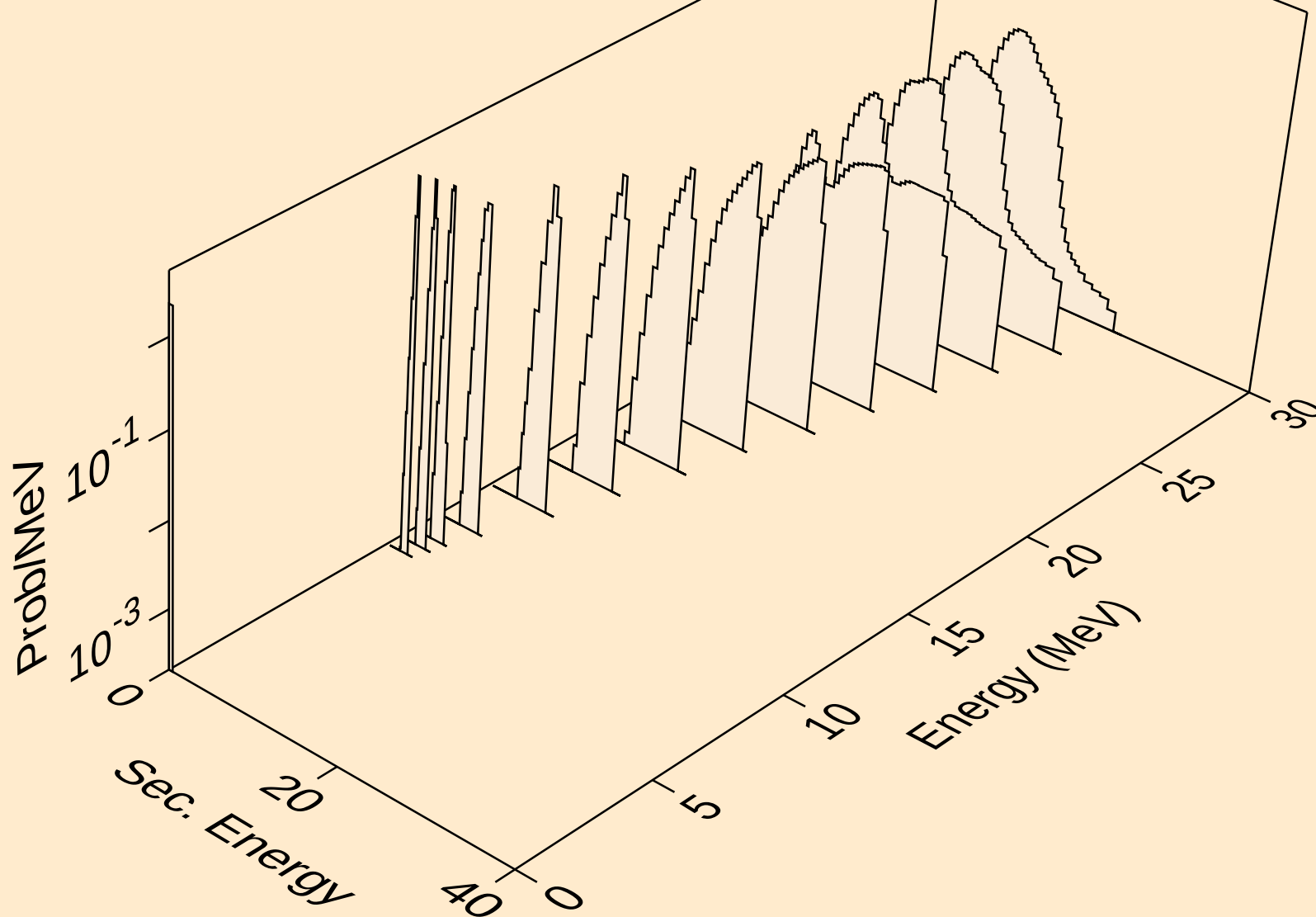
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



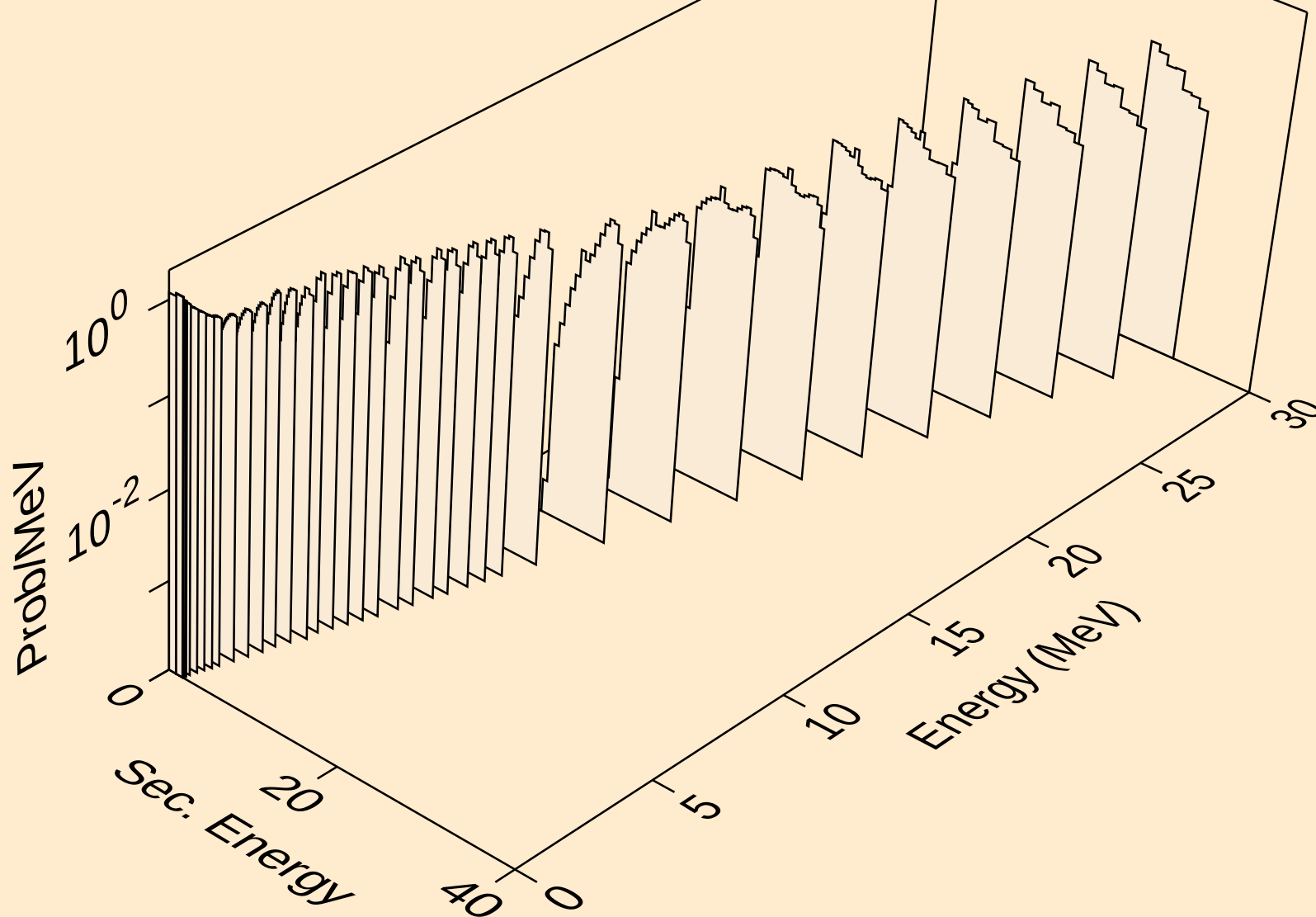
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



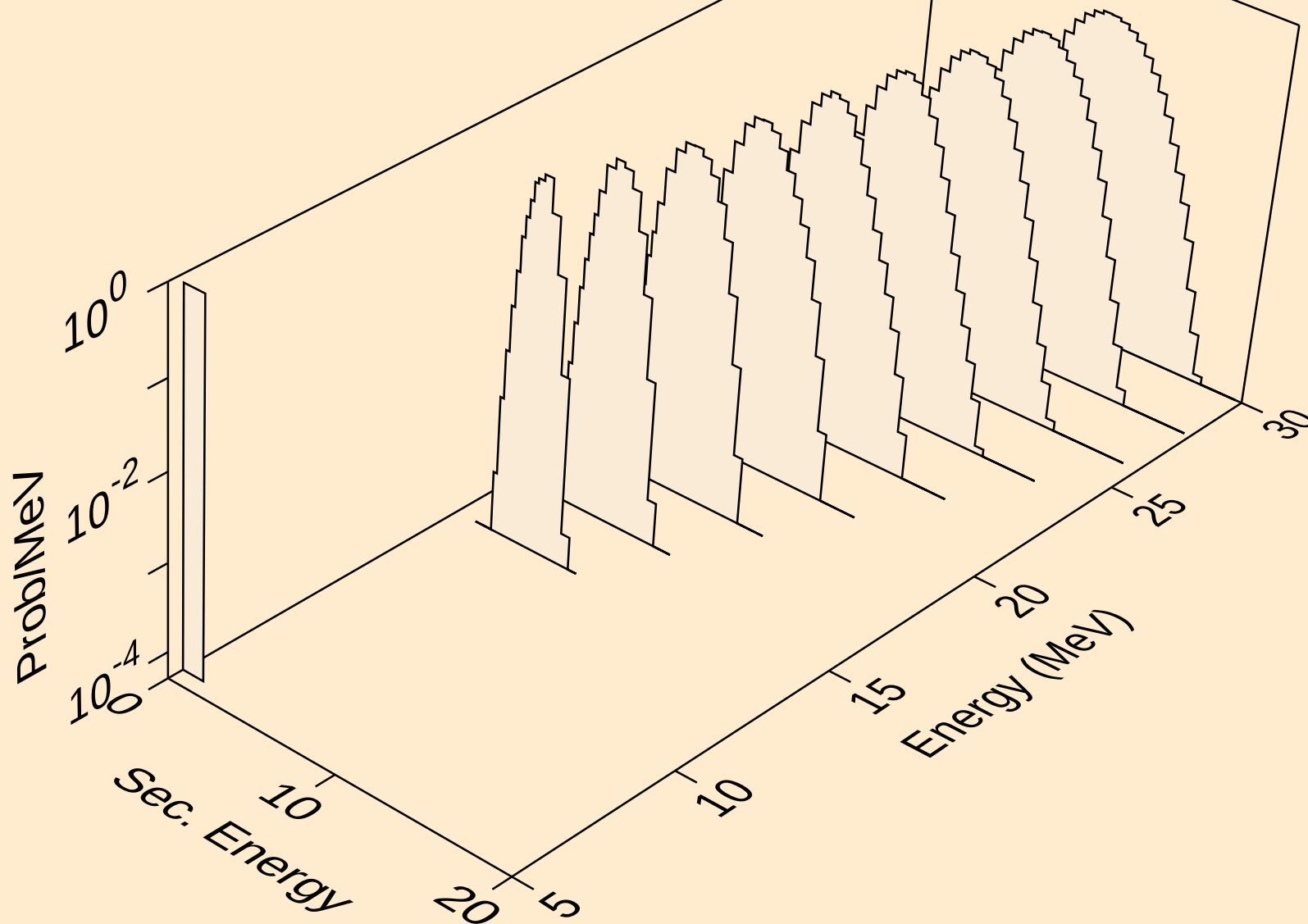
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



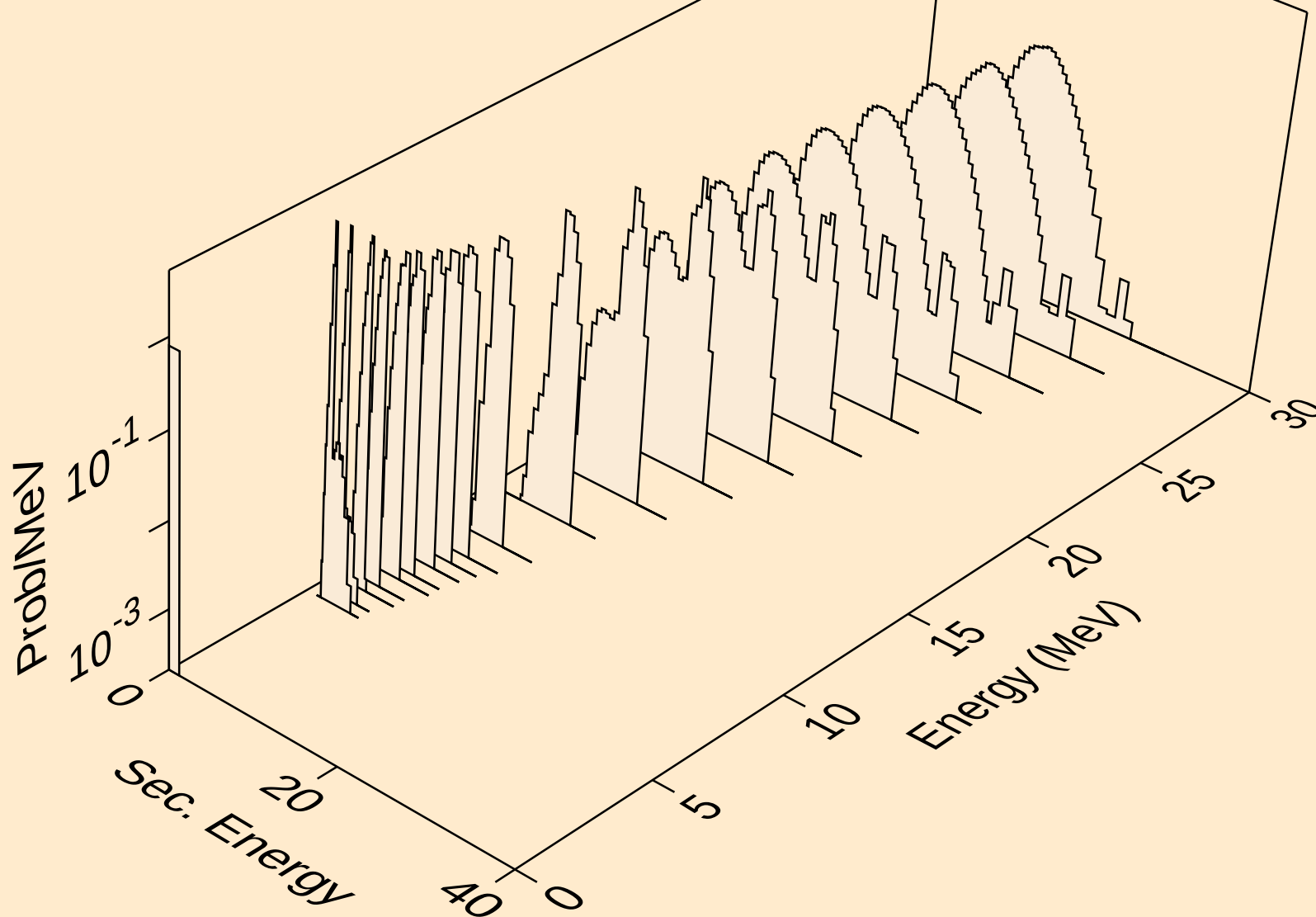
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



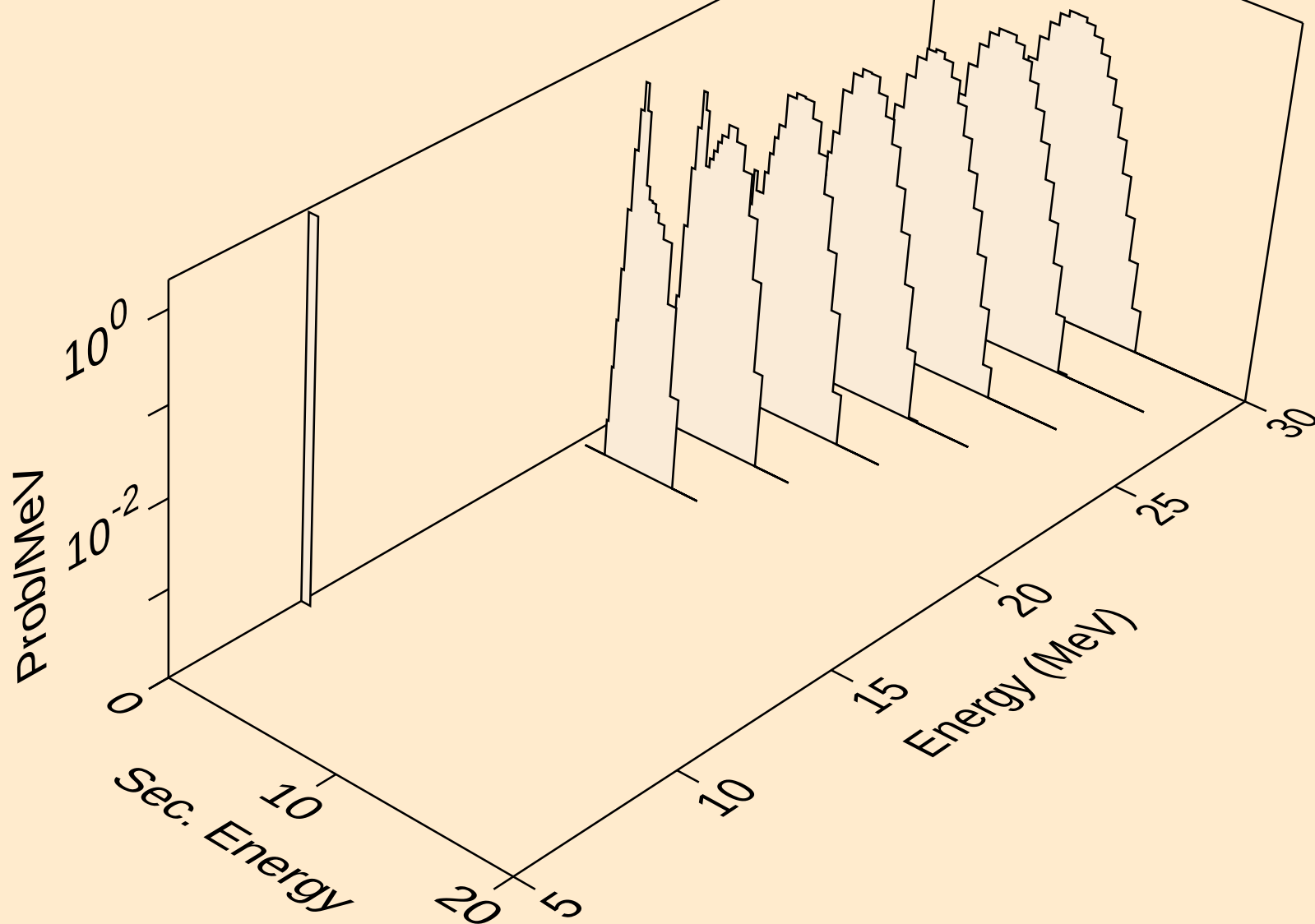
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



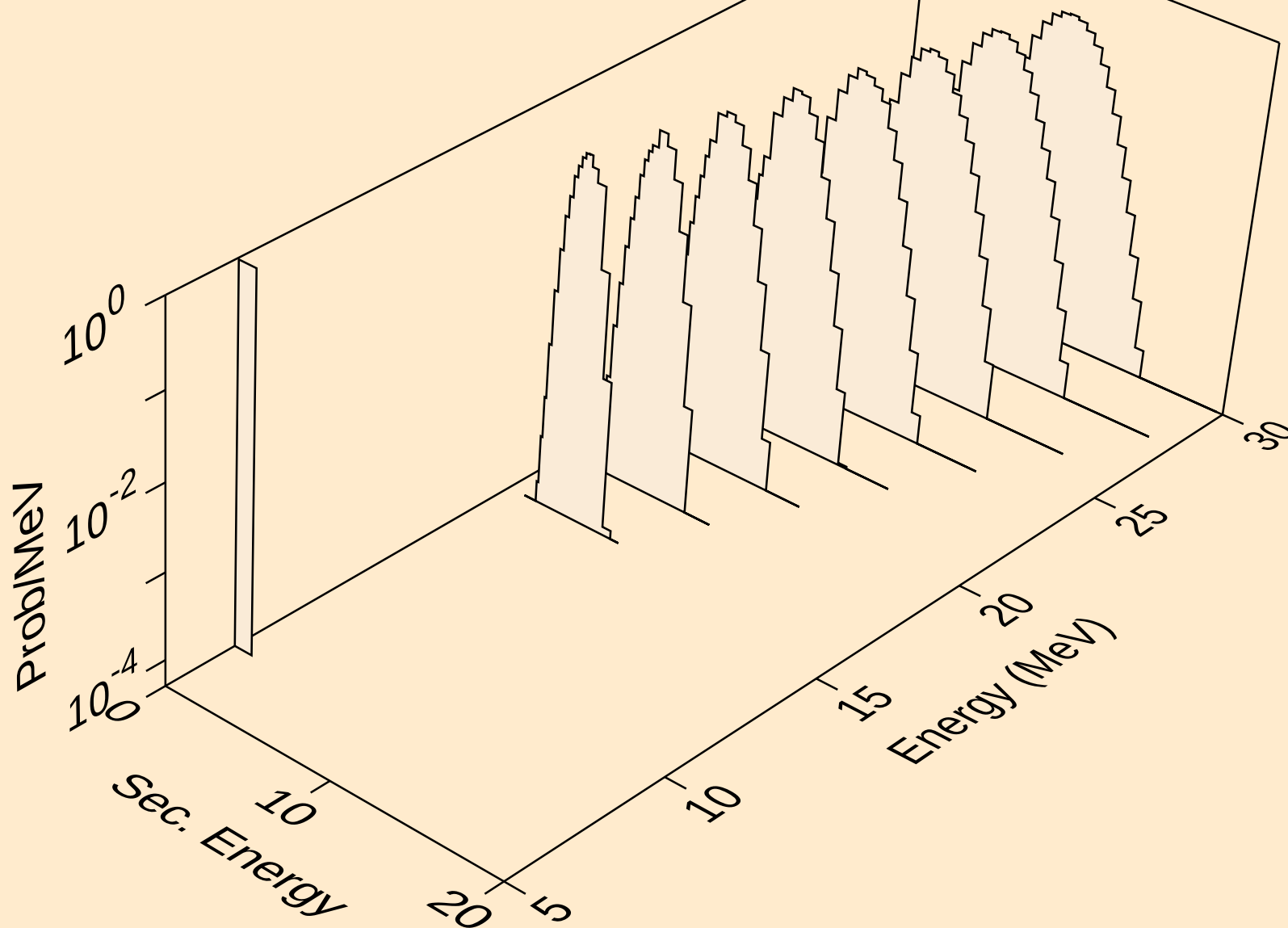
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



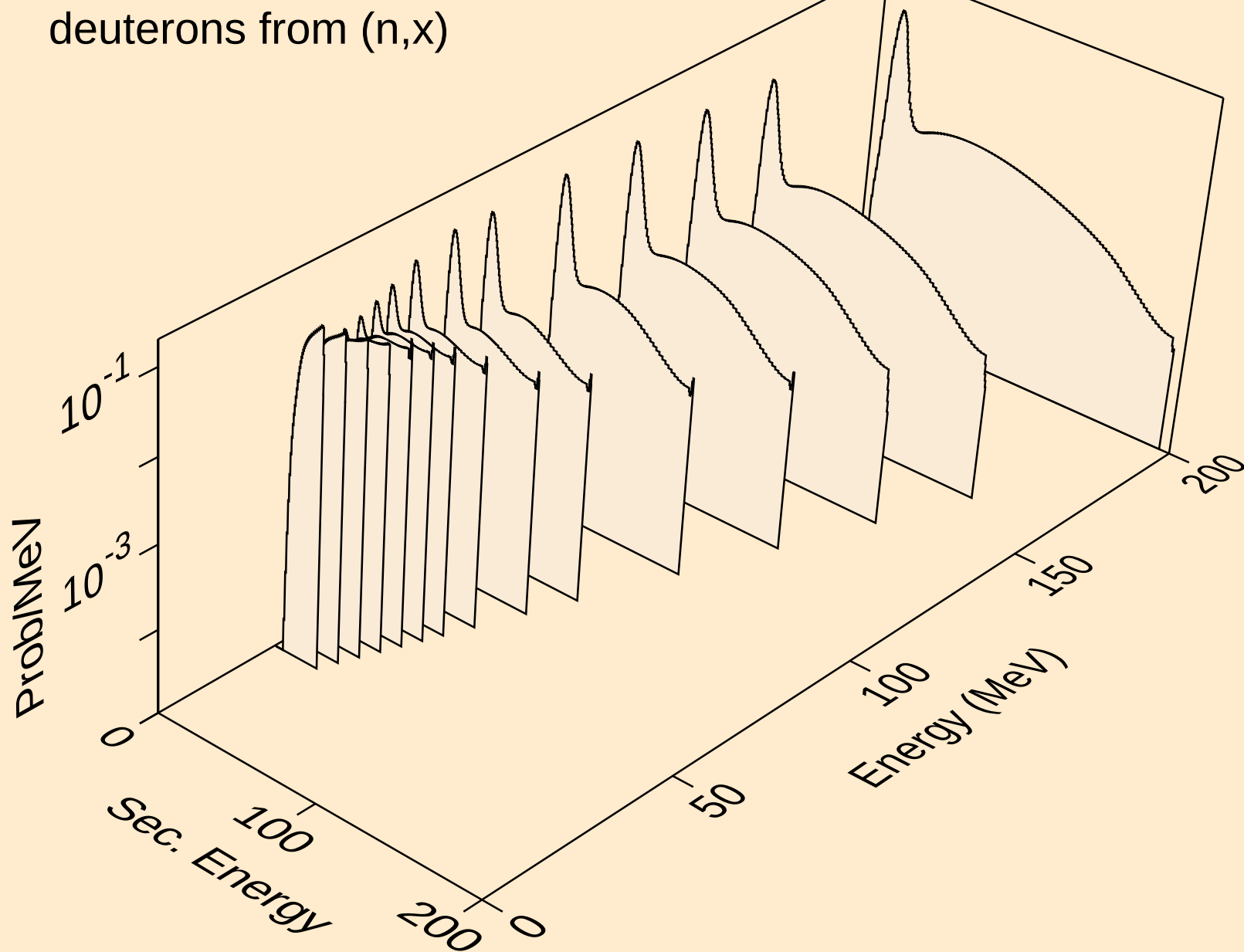
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



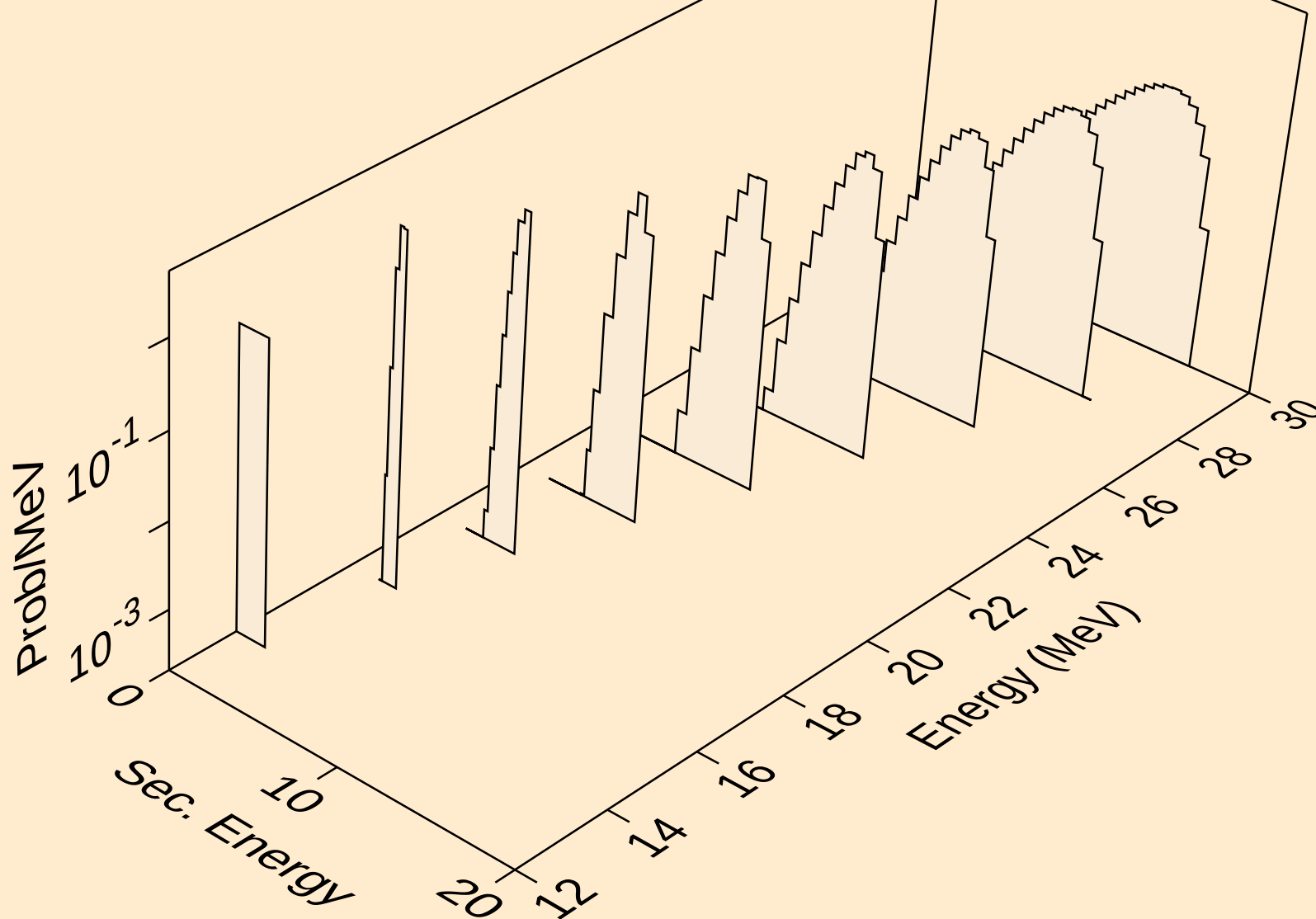
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protons from (n,pt)



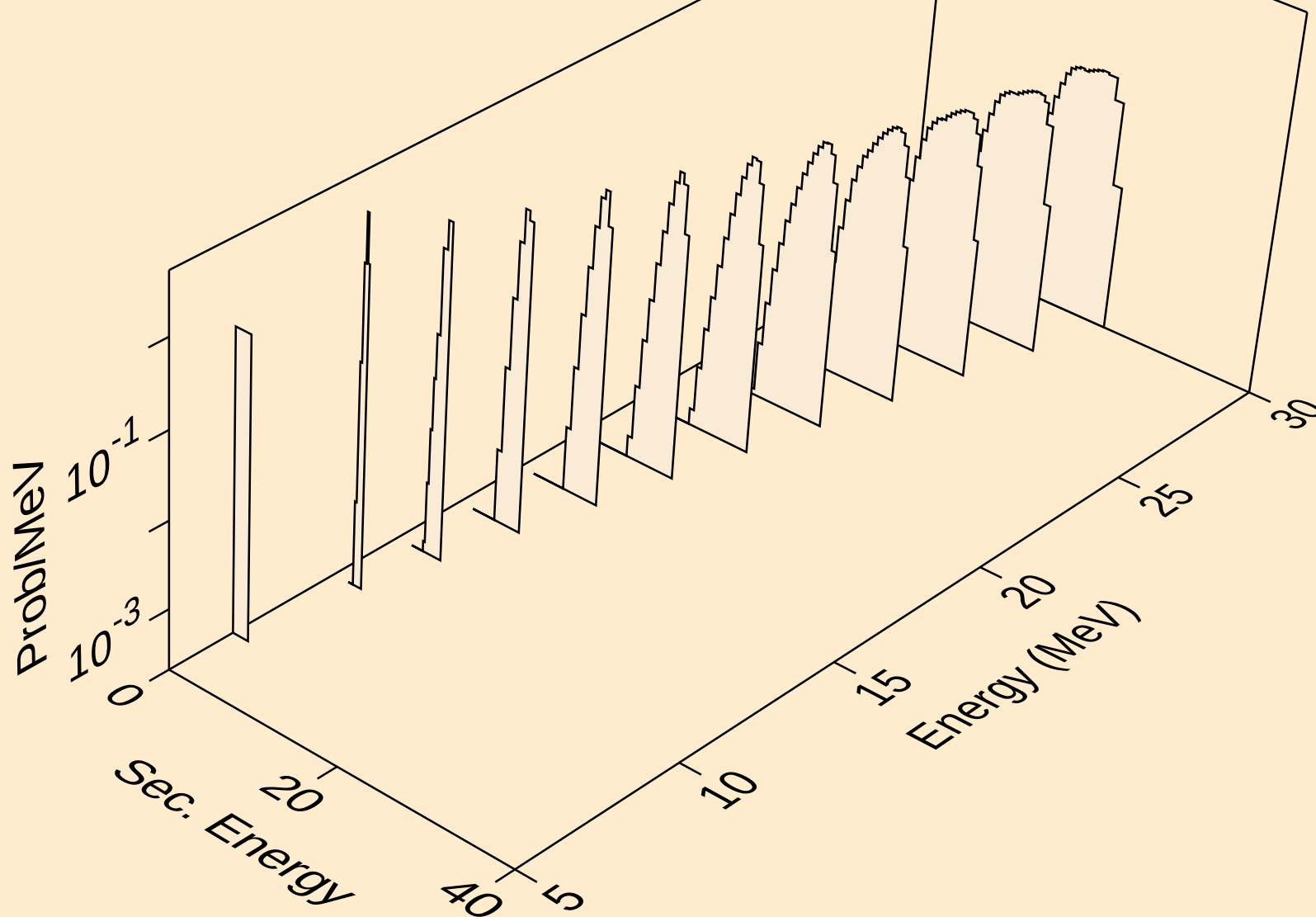
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



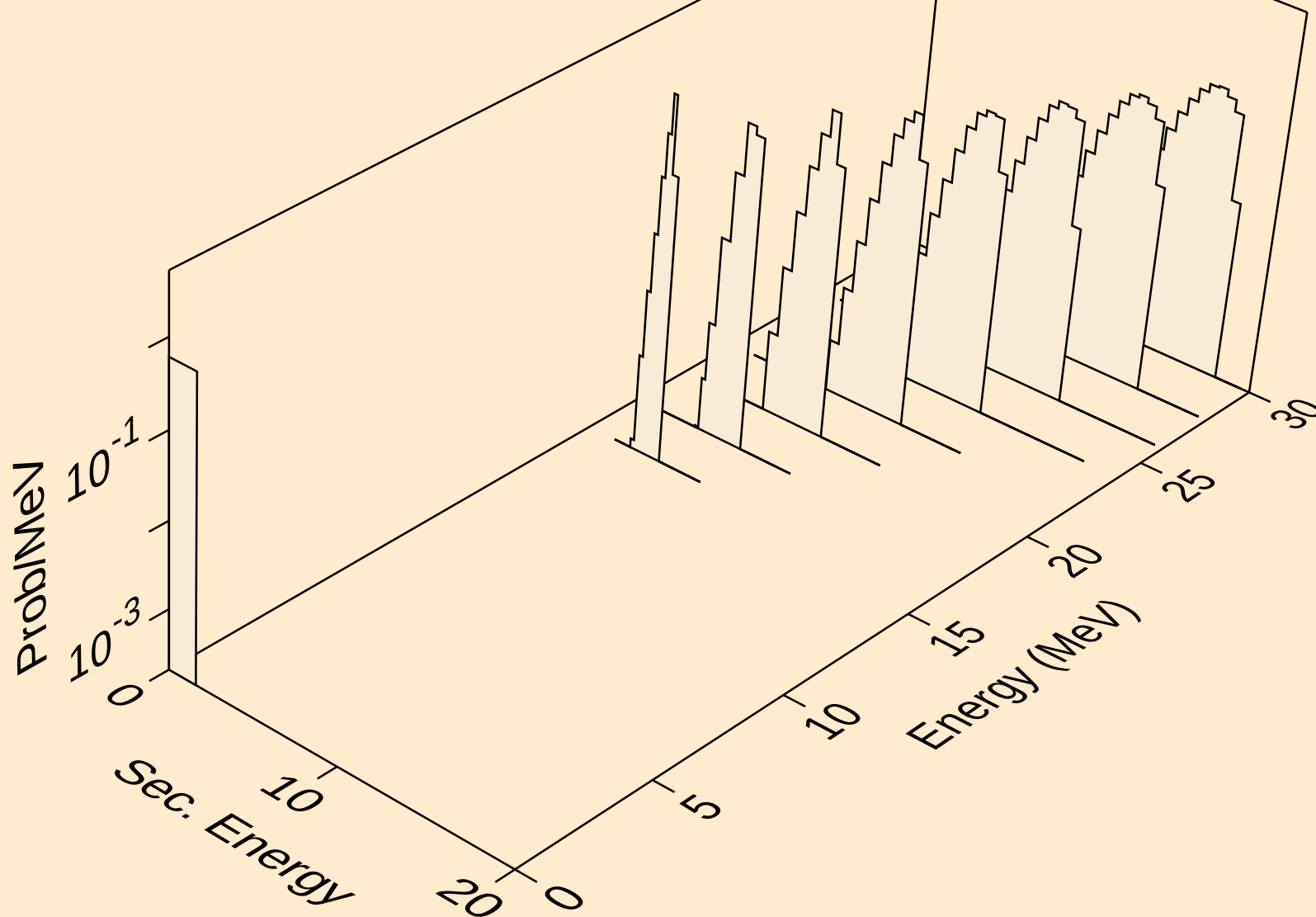
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



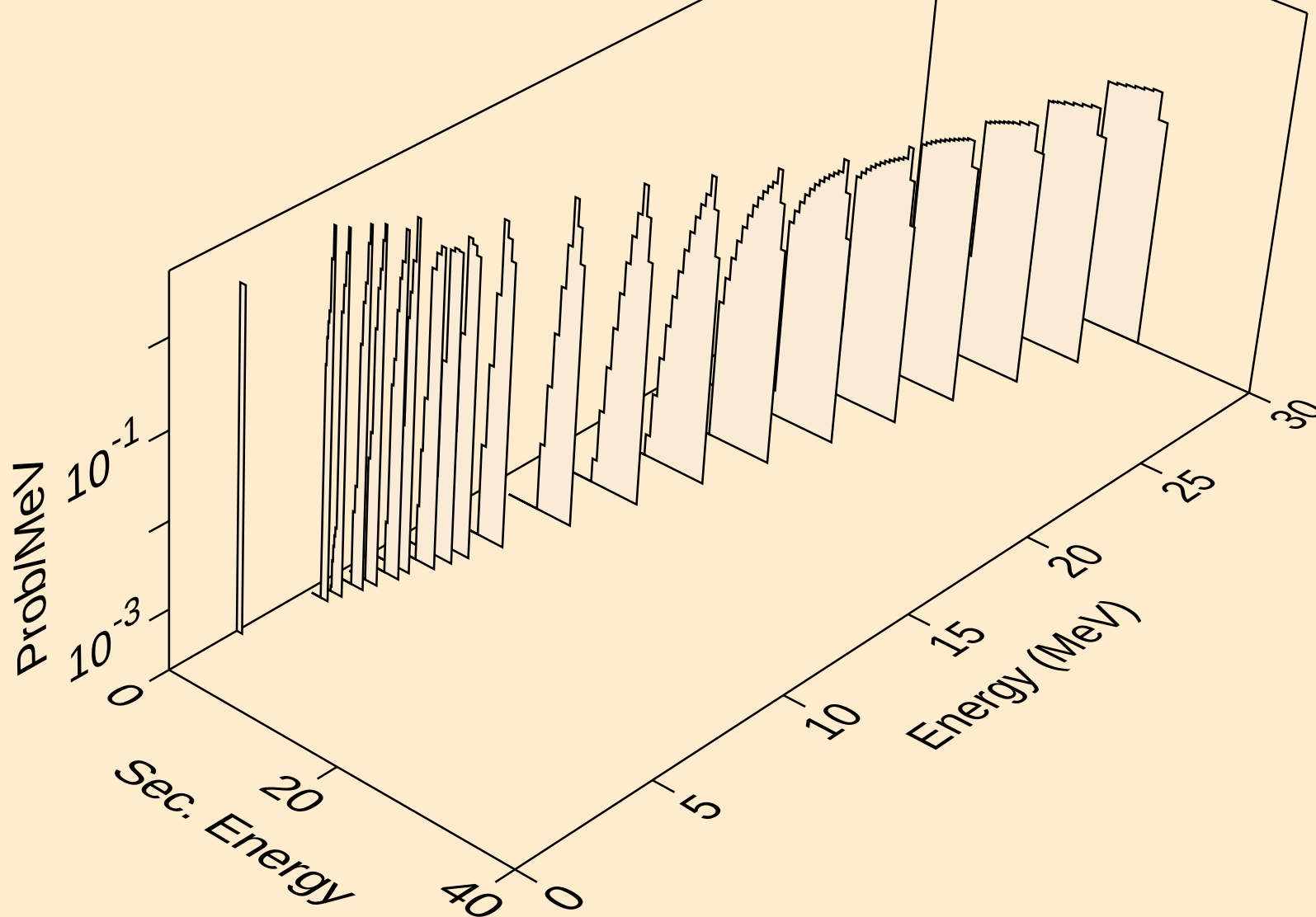
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



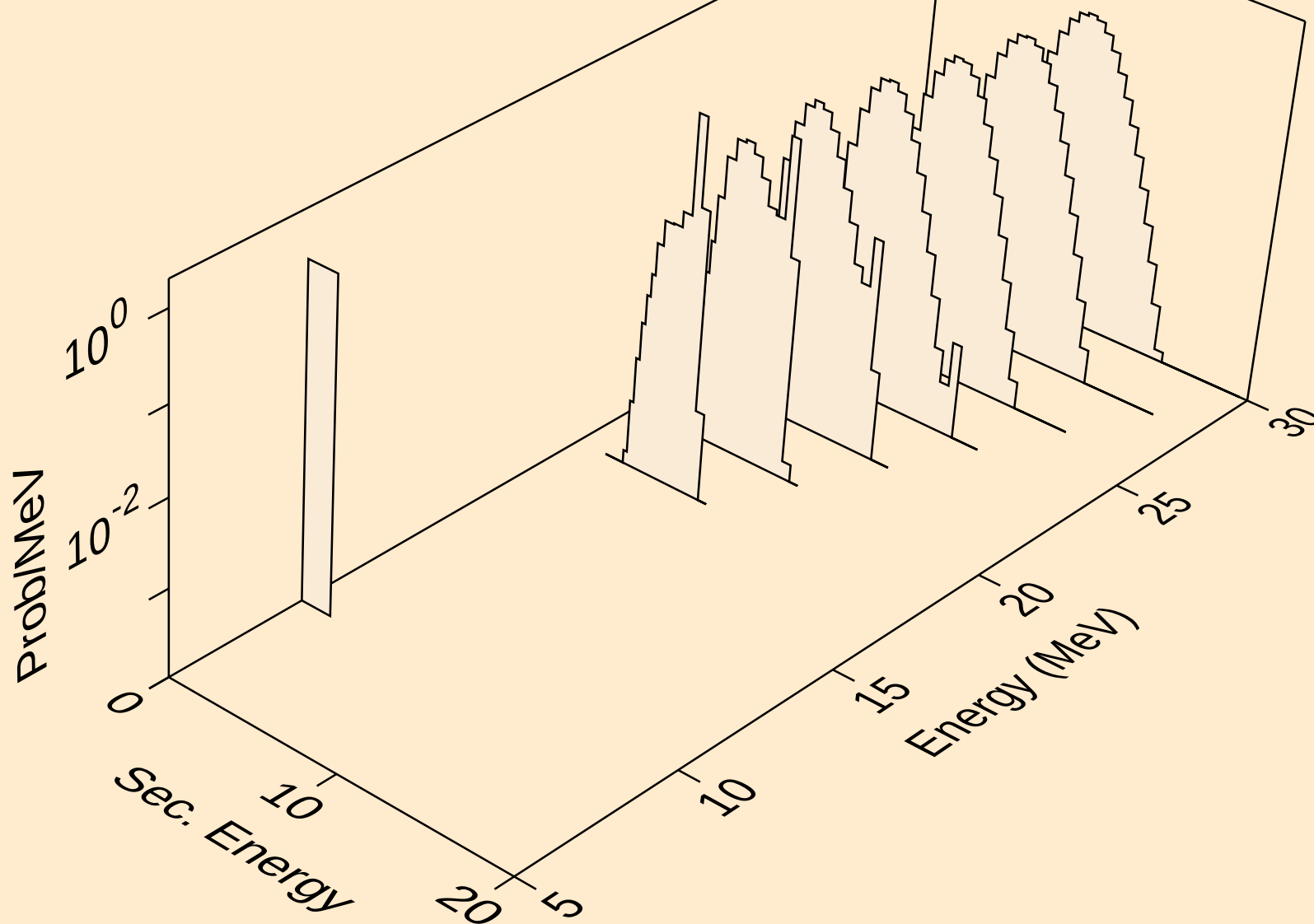
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d2a



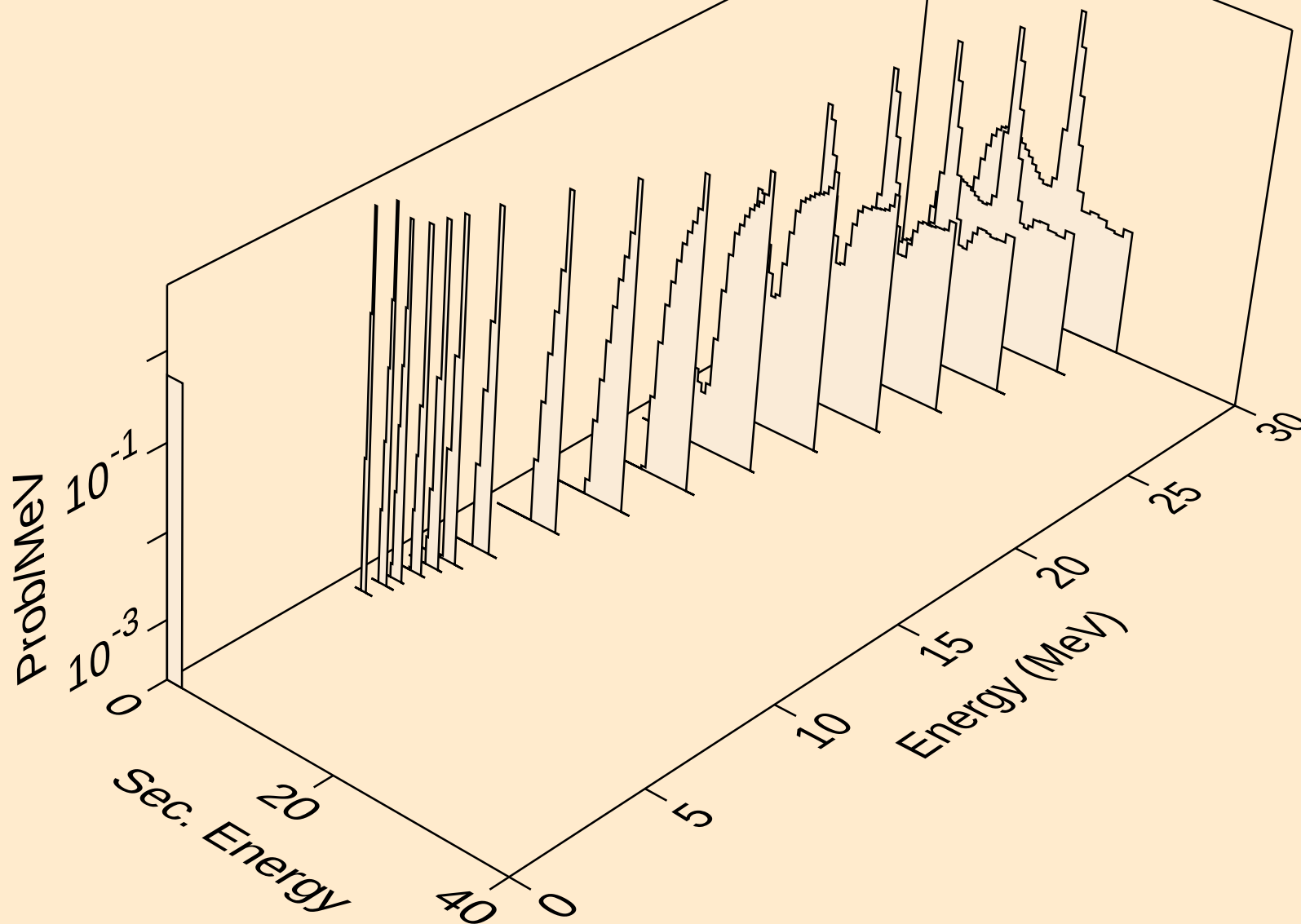
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deuterons from (n,d)



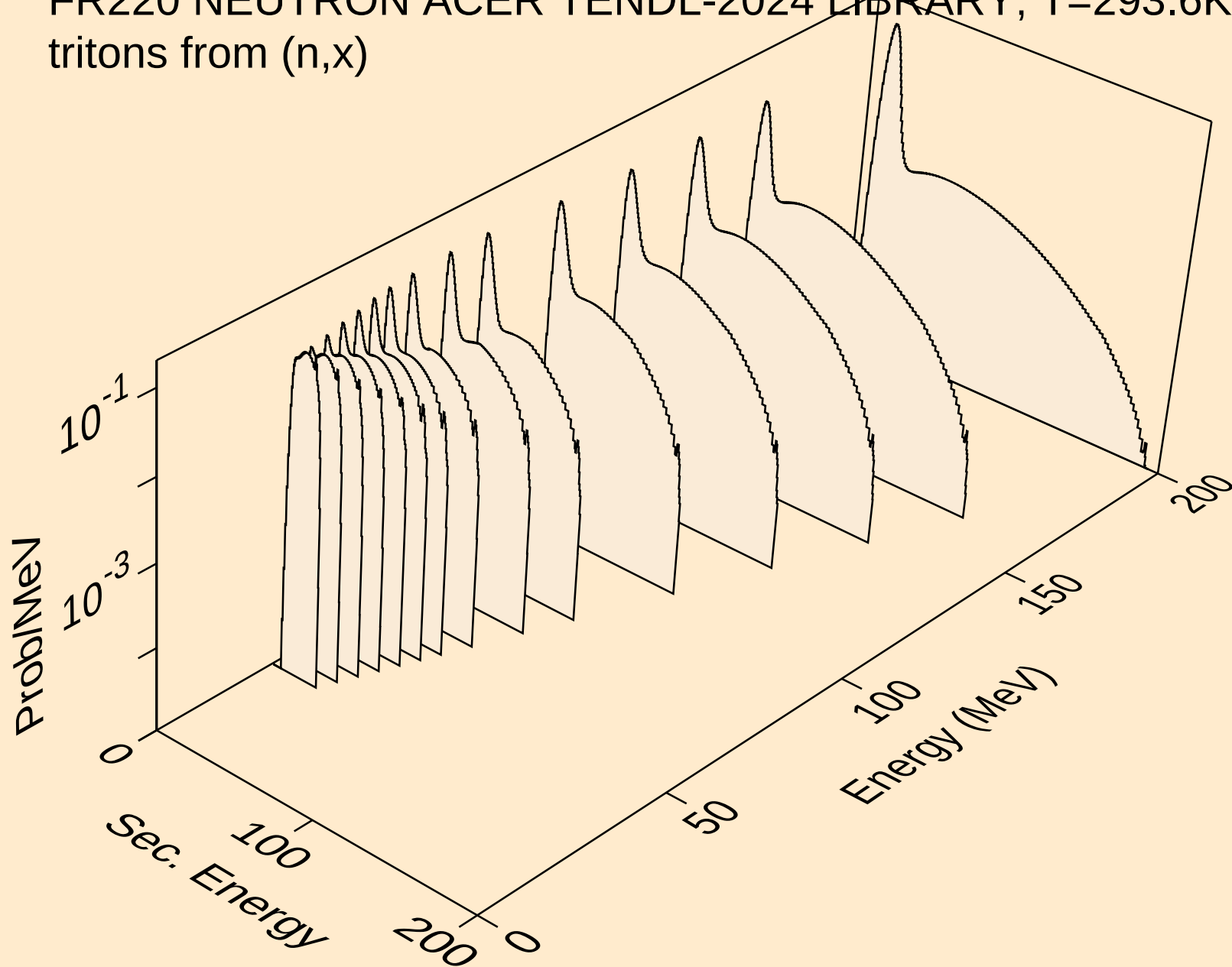
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



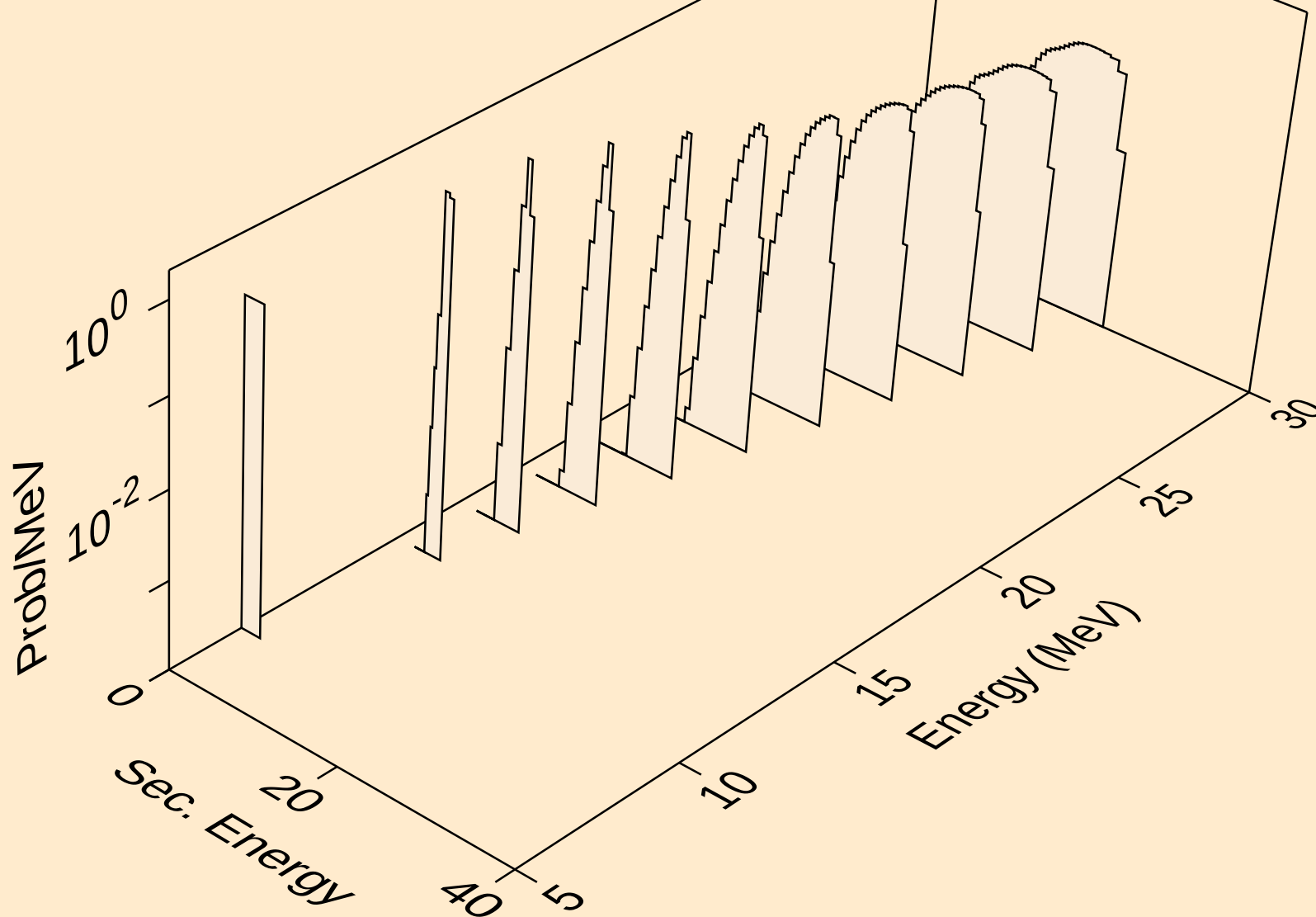
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deuterons from (n,da)



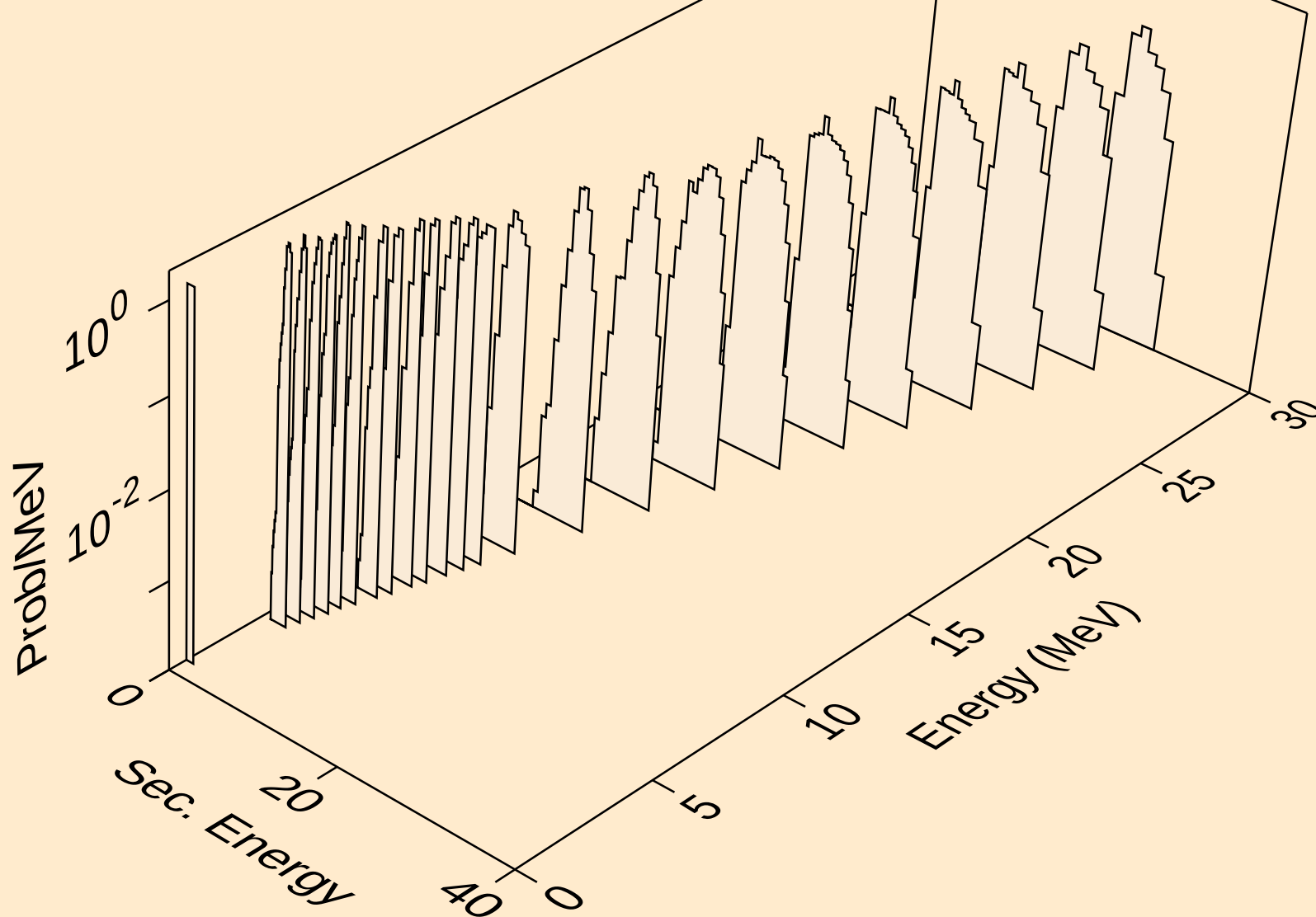
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



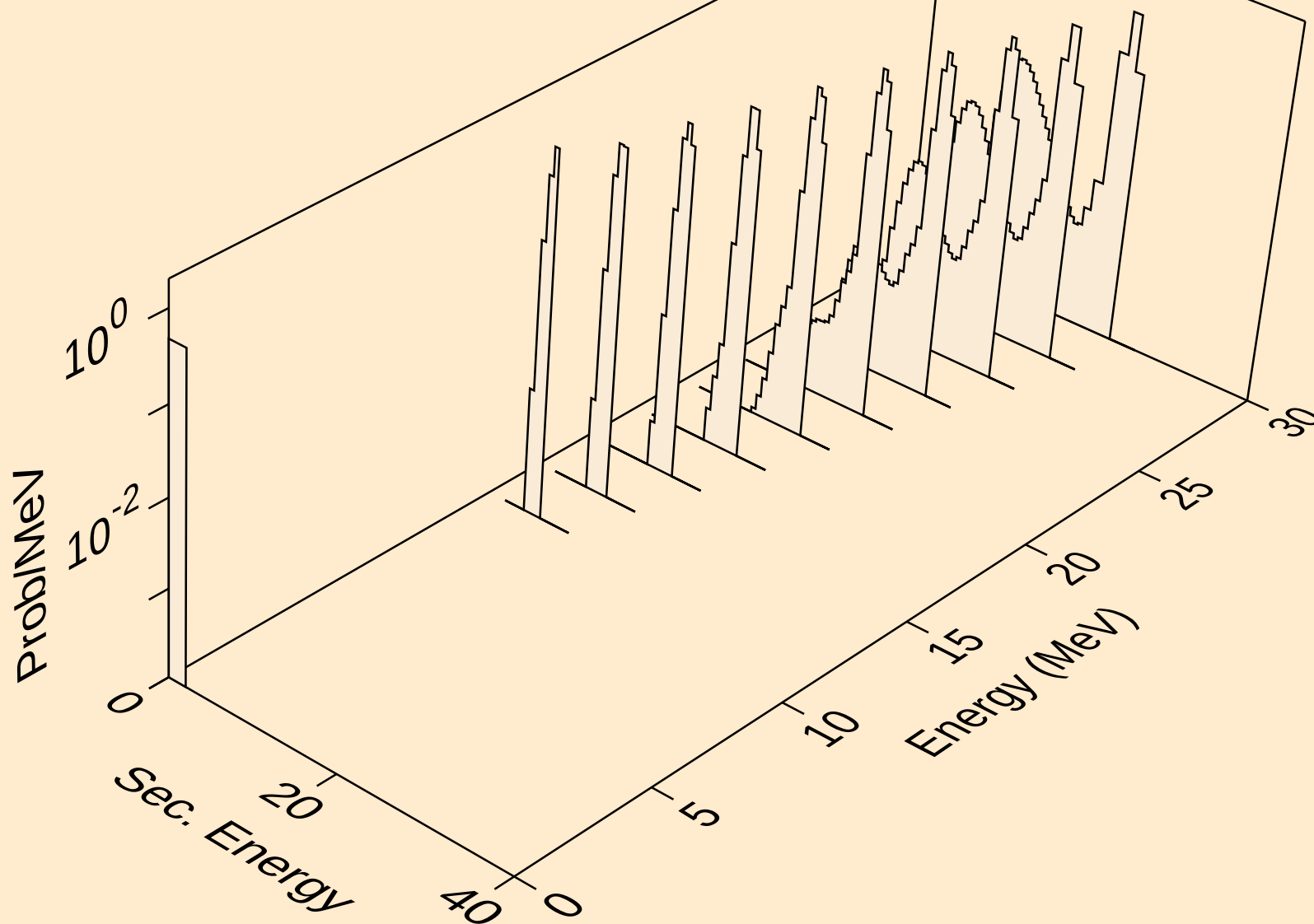
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tritons from (n,n*)t



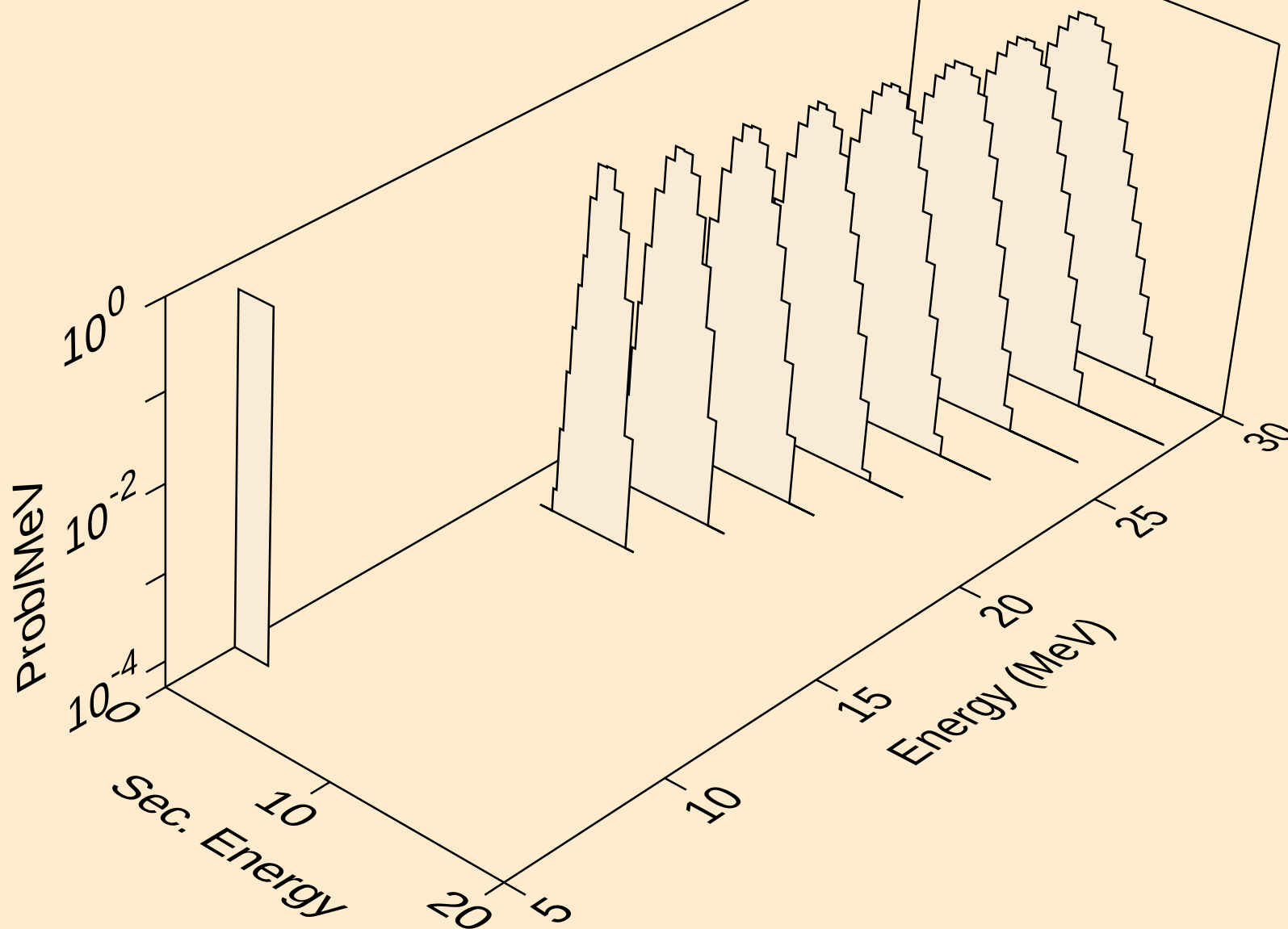
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tritons from (n,t)



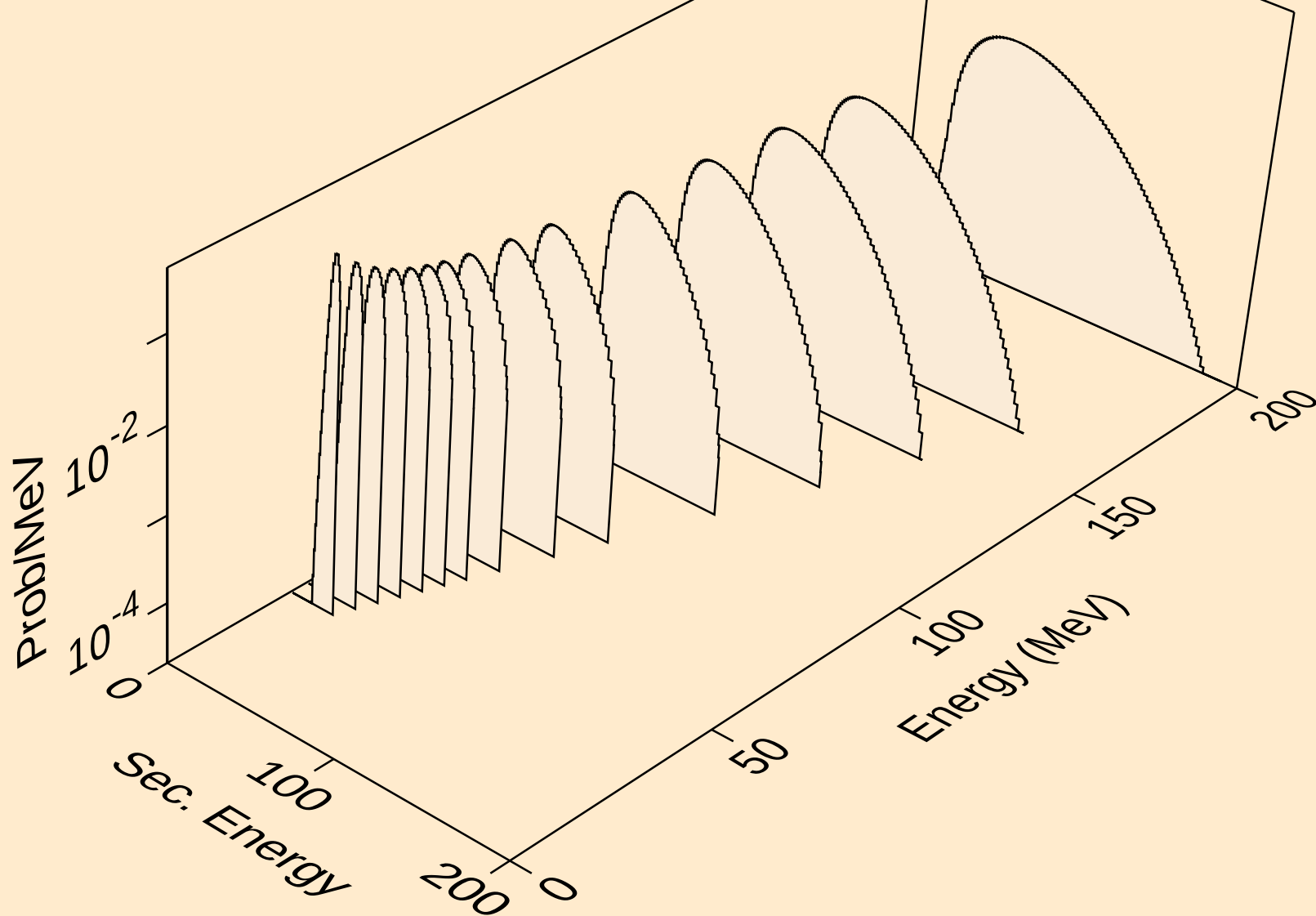
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tritons from (n,t2a)



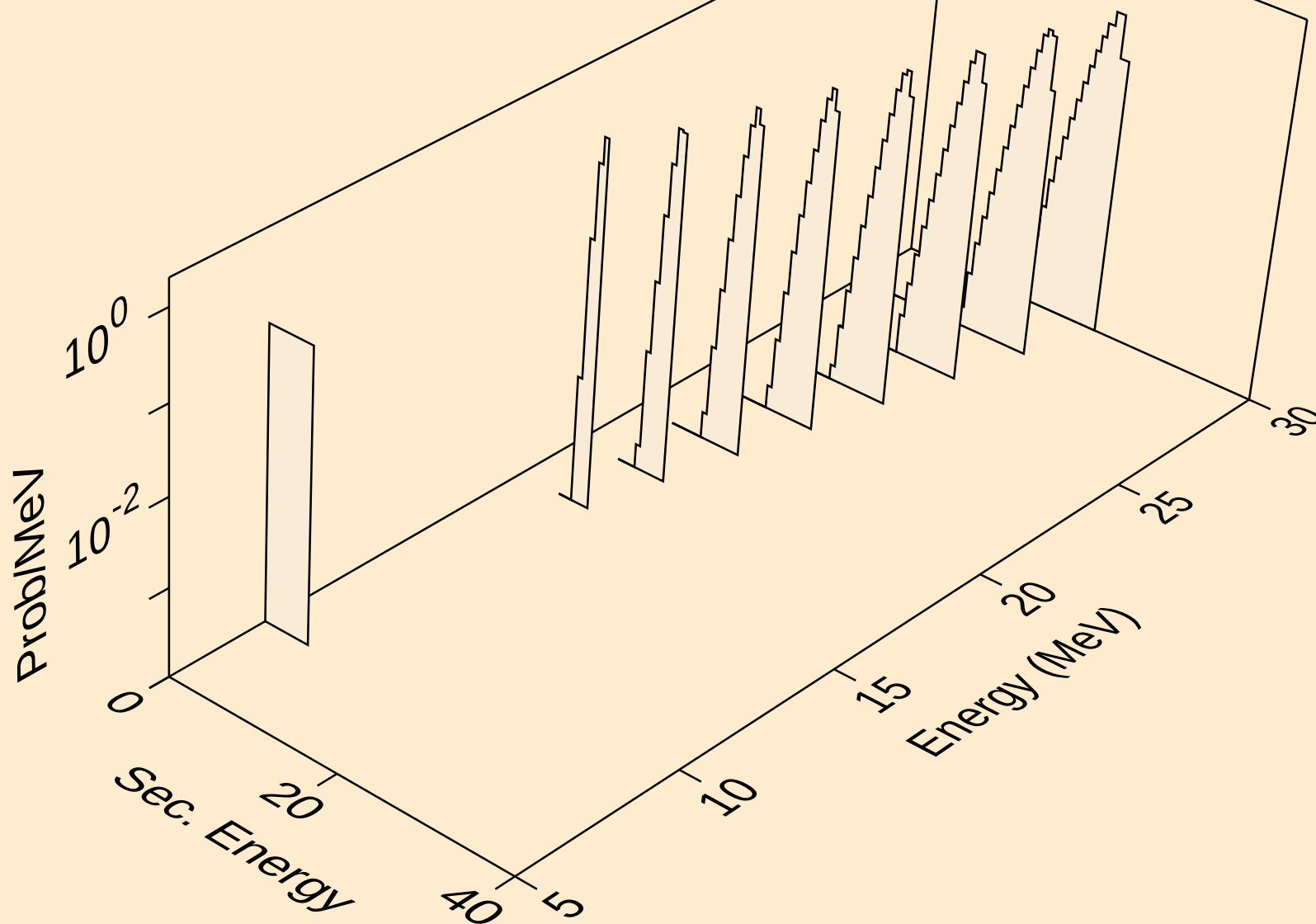
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tritons from (n,pt)



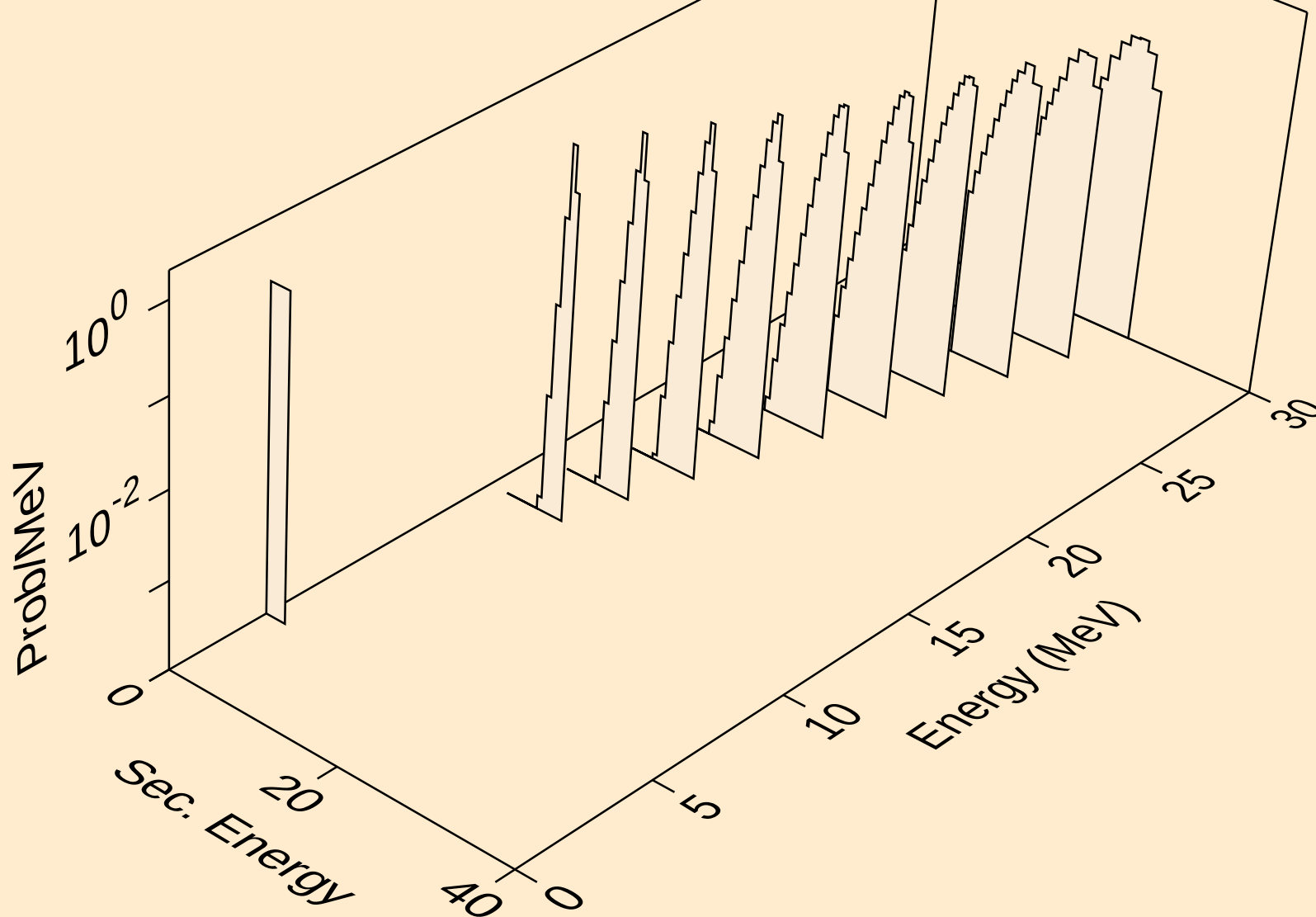
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he3s from (n,x)



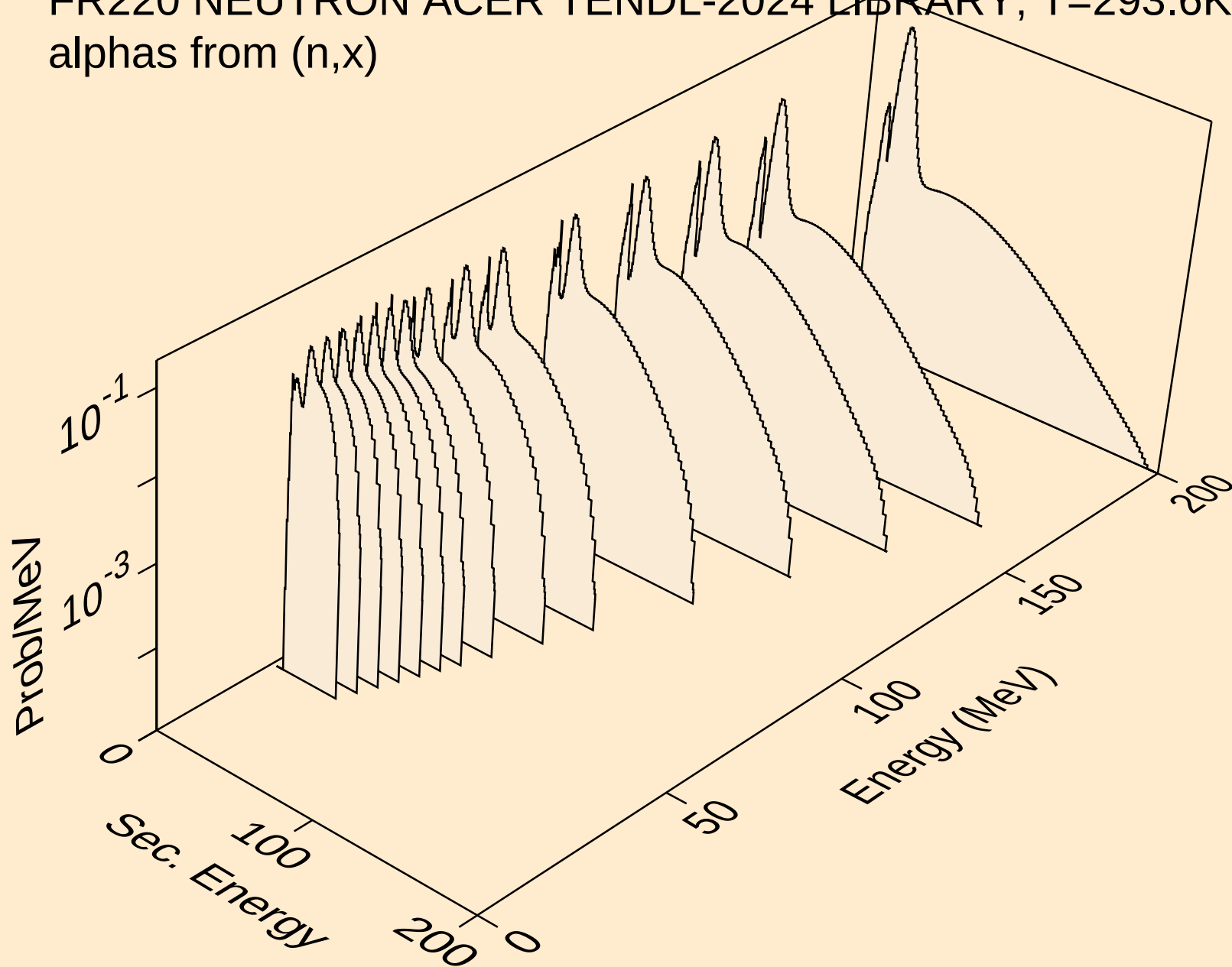
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he3s from (n,n*)he3



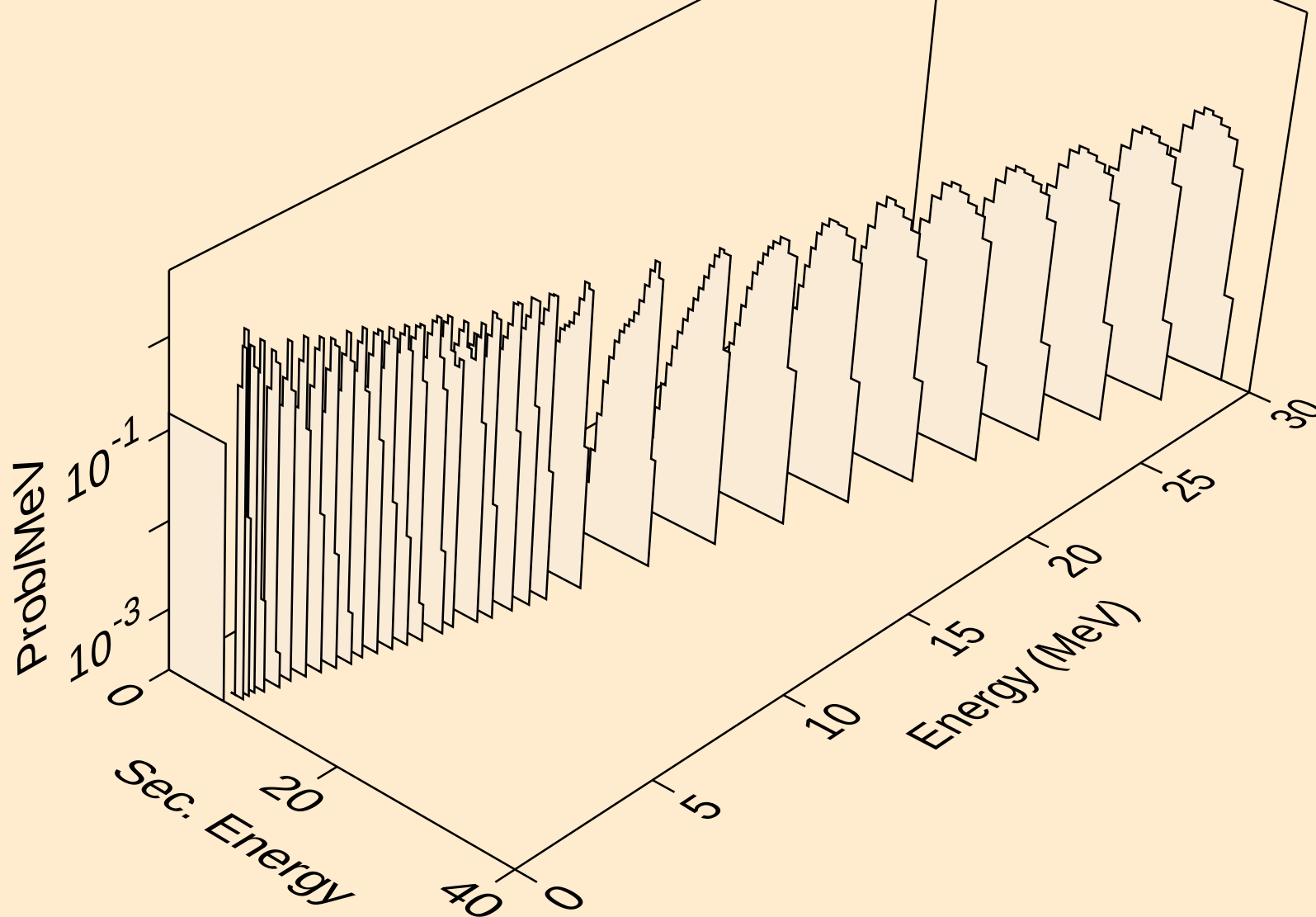
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he3s from (n,he3)



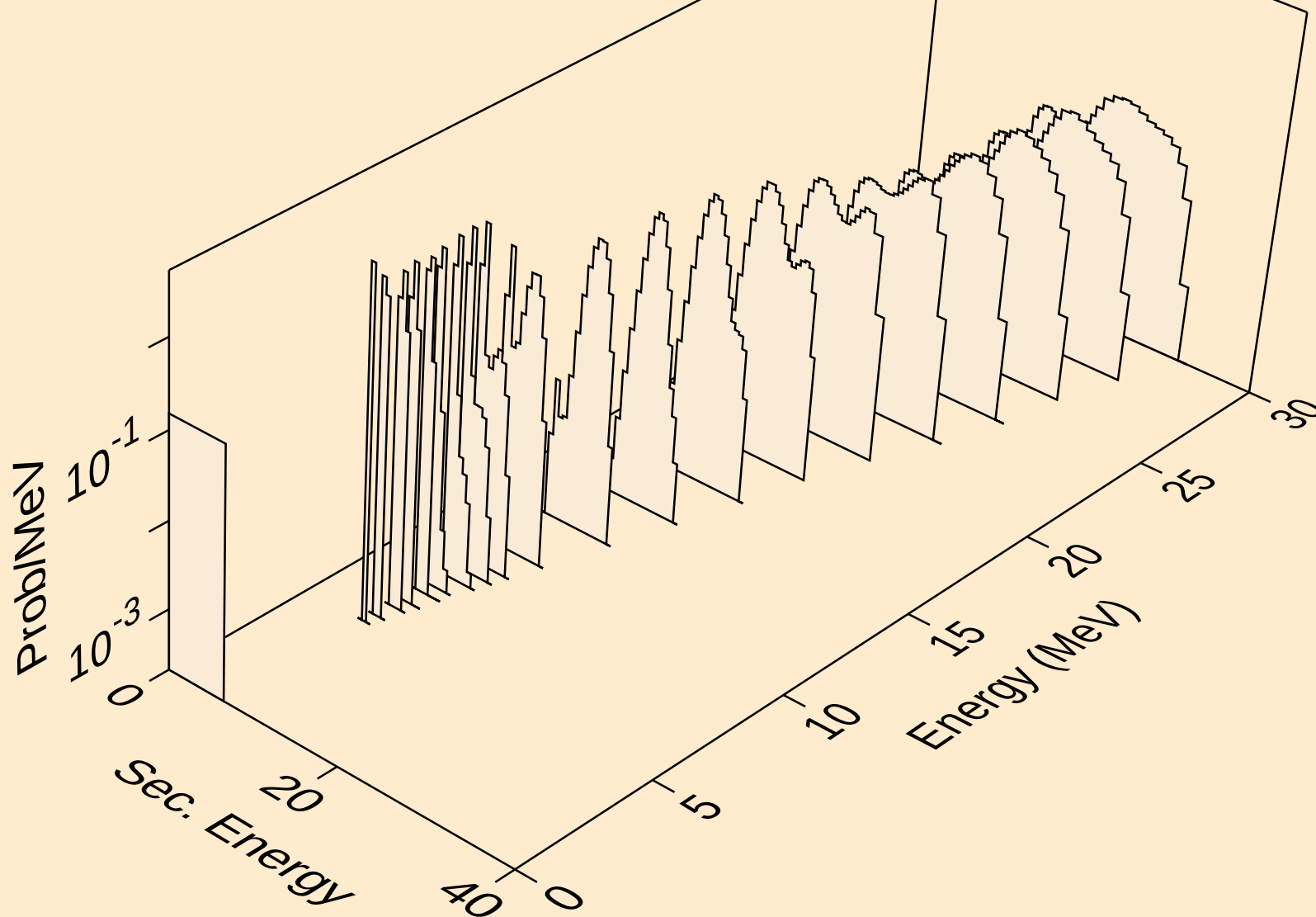
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alphas from (n,x)



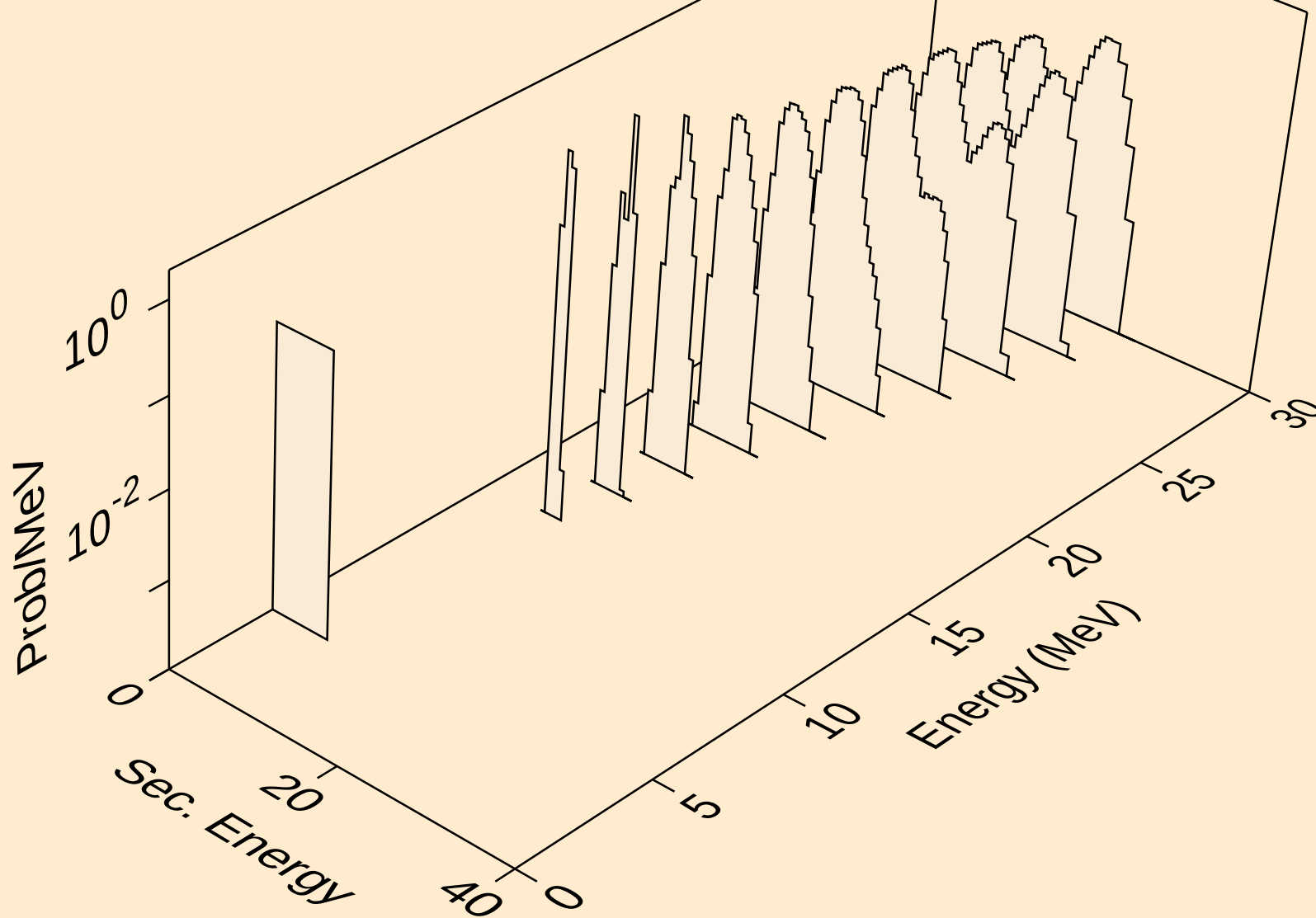
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alphas from (n,n*)a



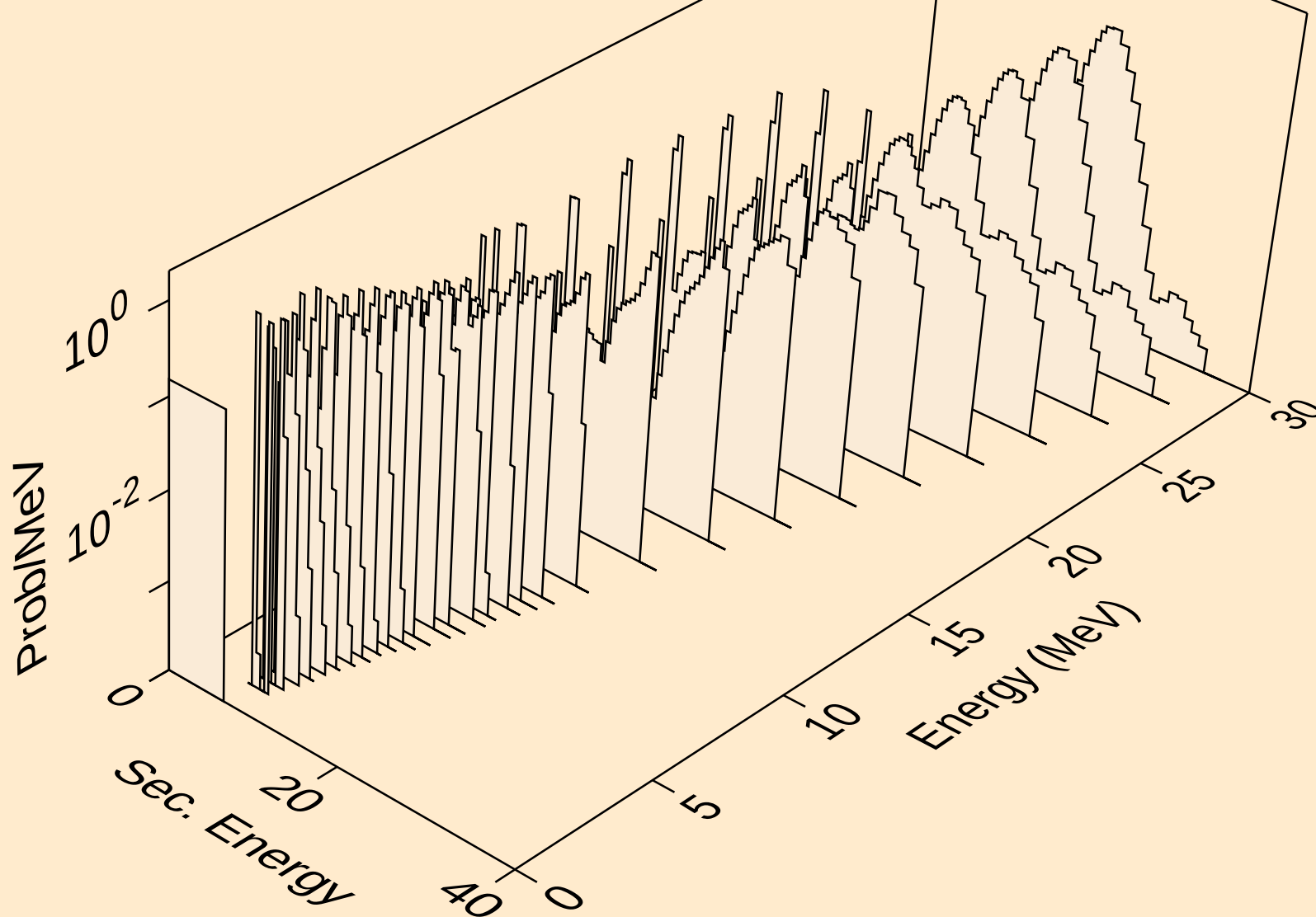
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alphas from (n,2n)a



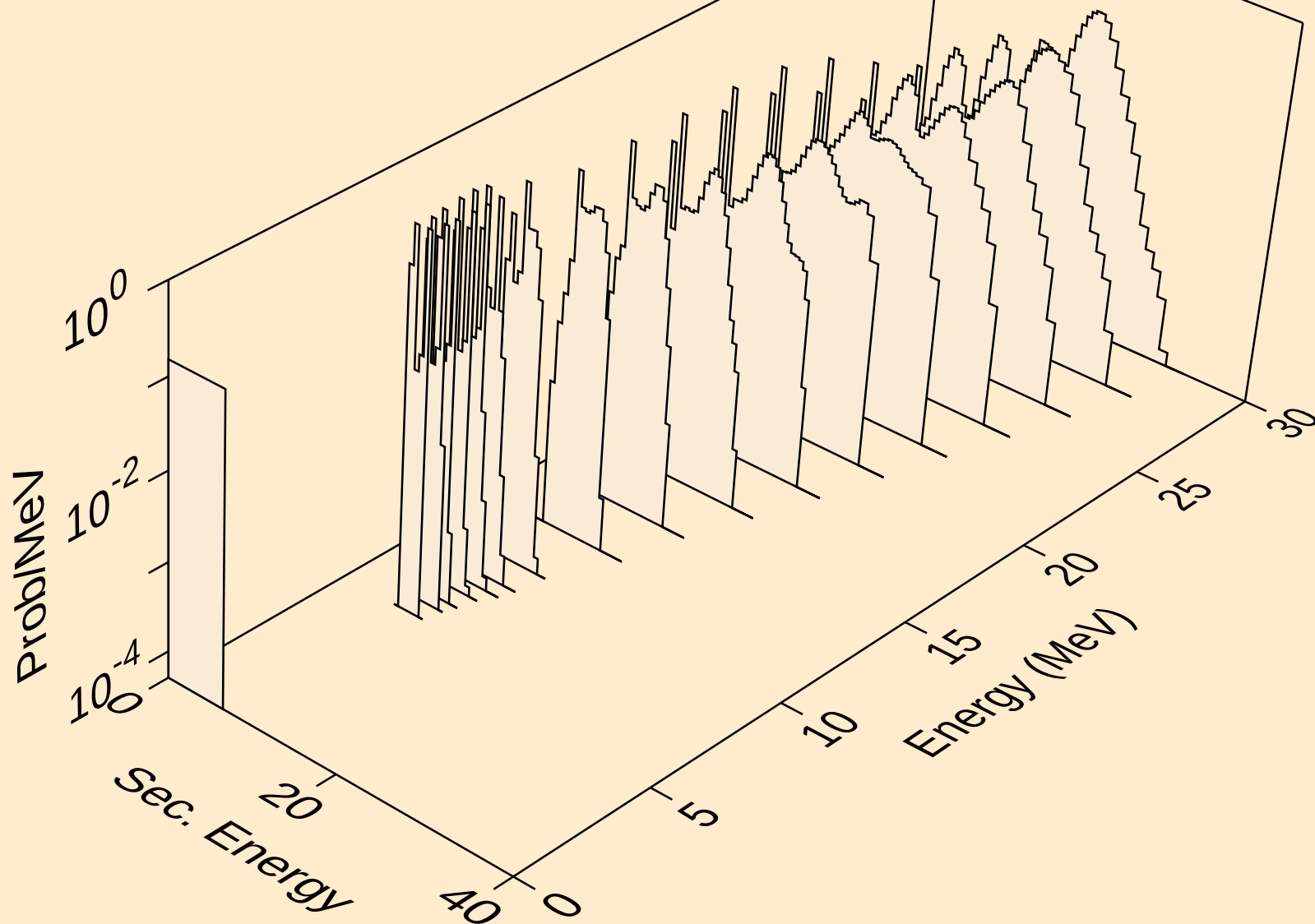
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alphas from (n,3n)a



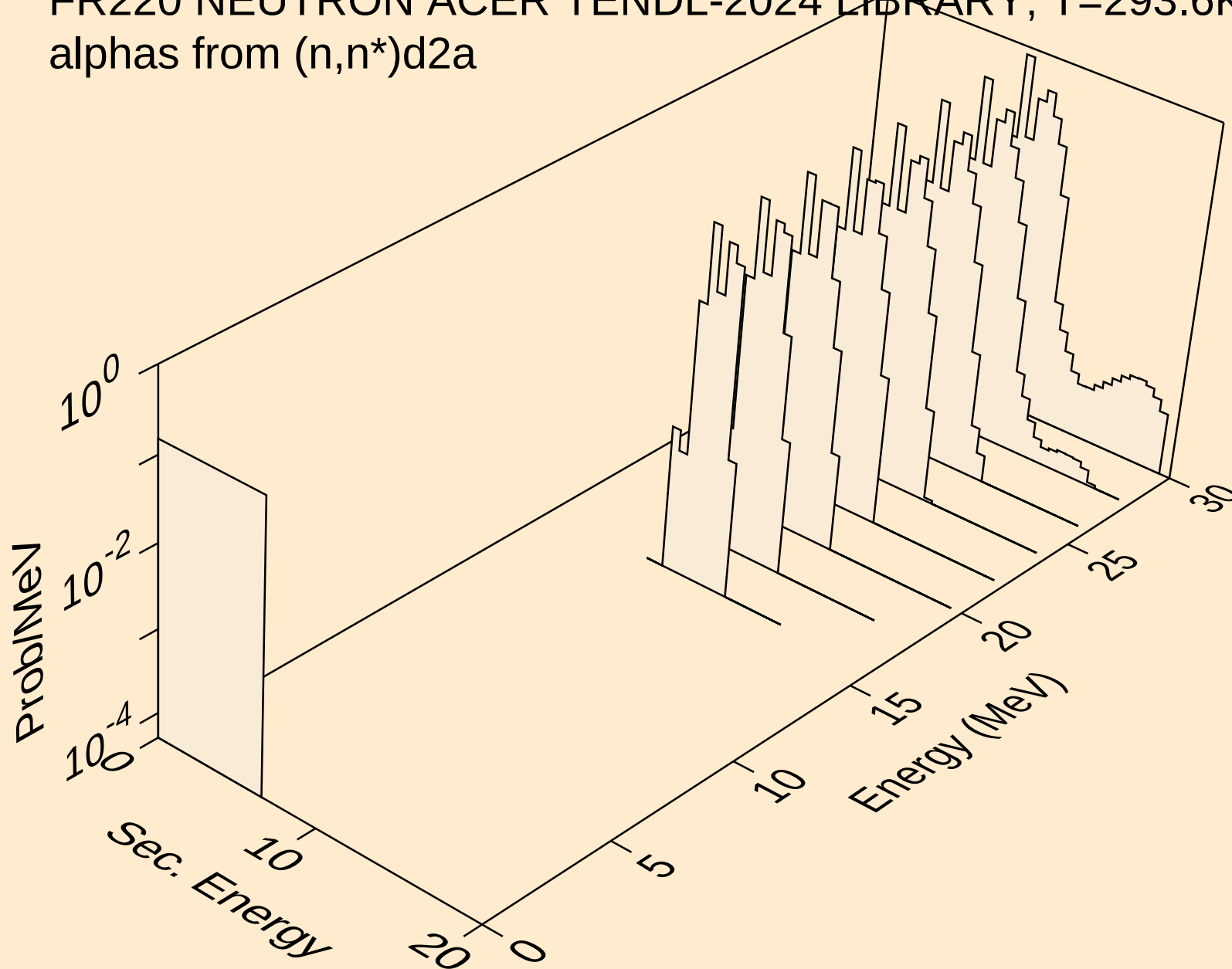
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



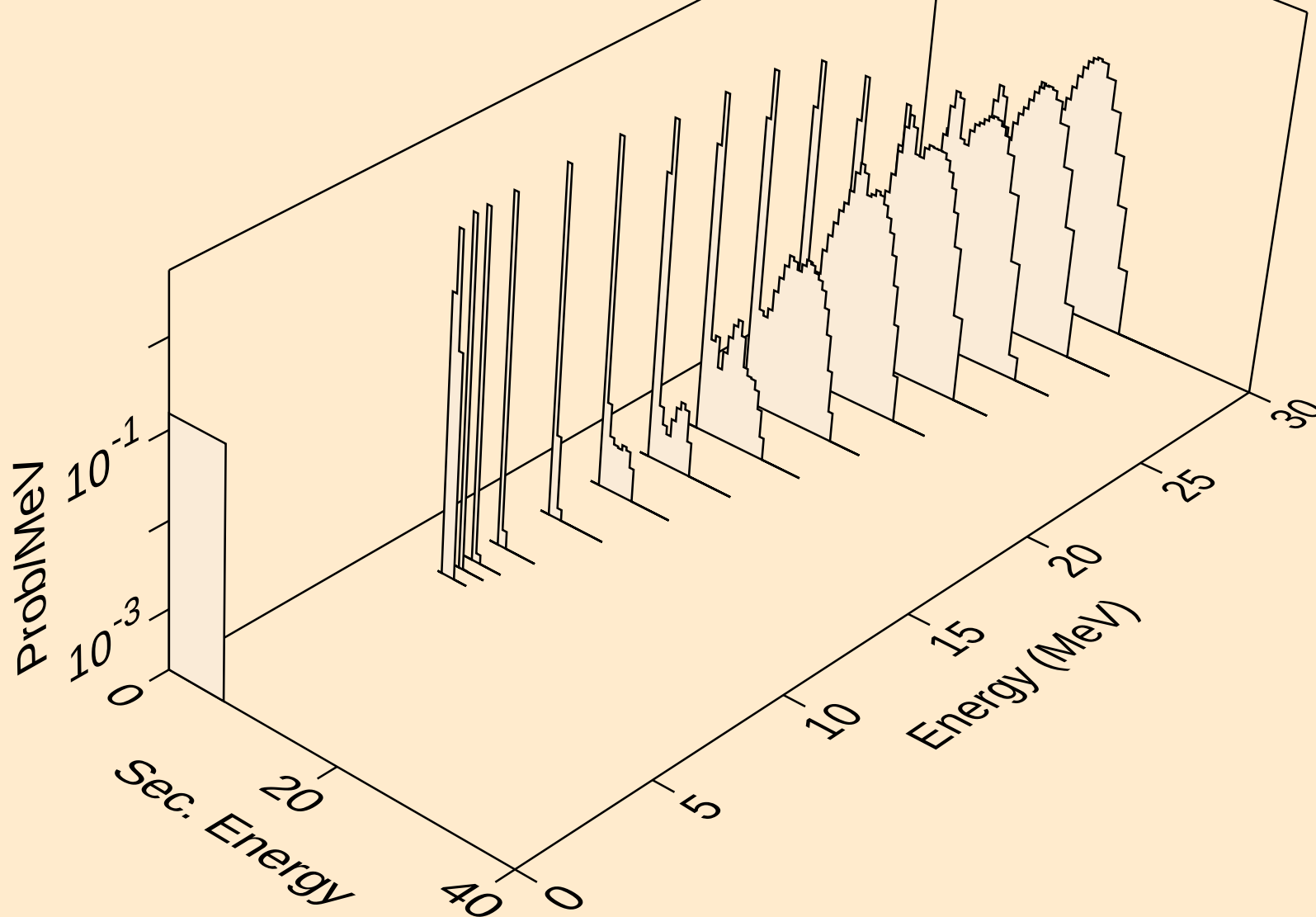
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



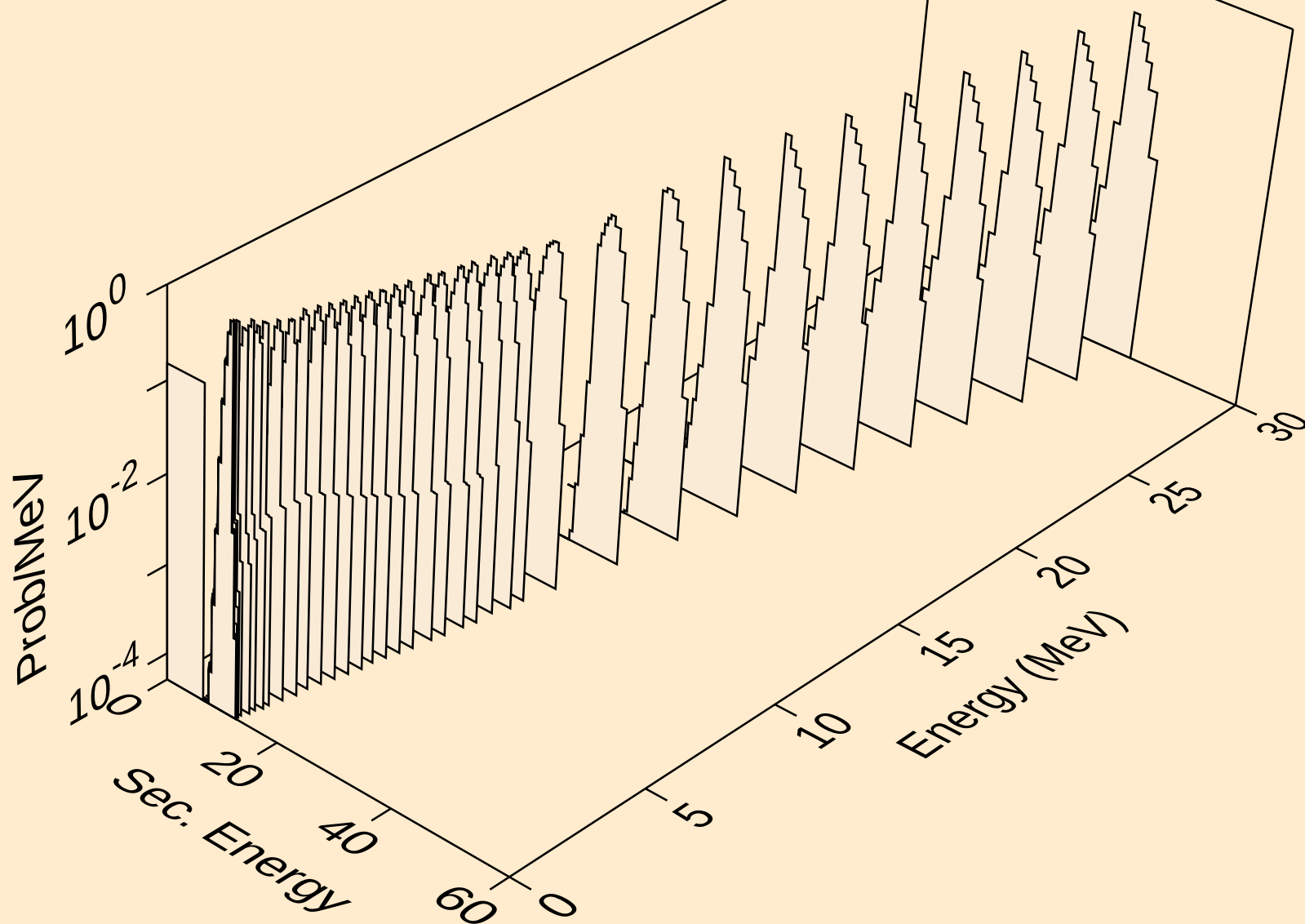
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)d2a



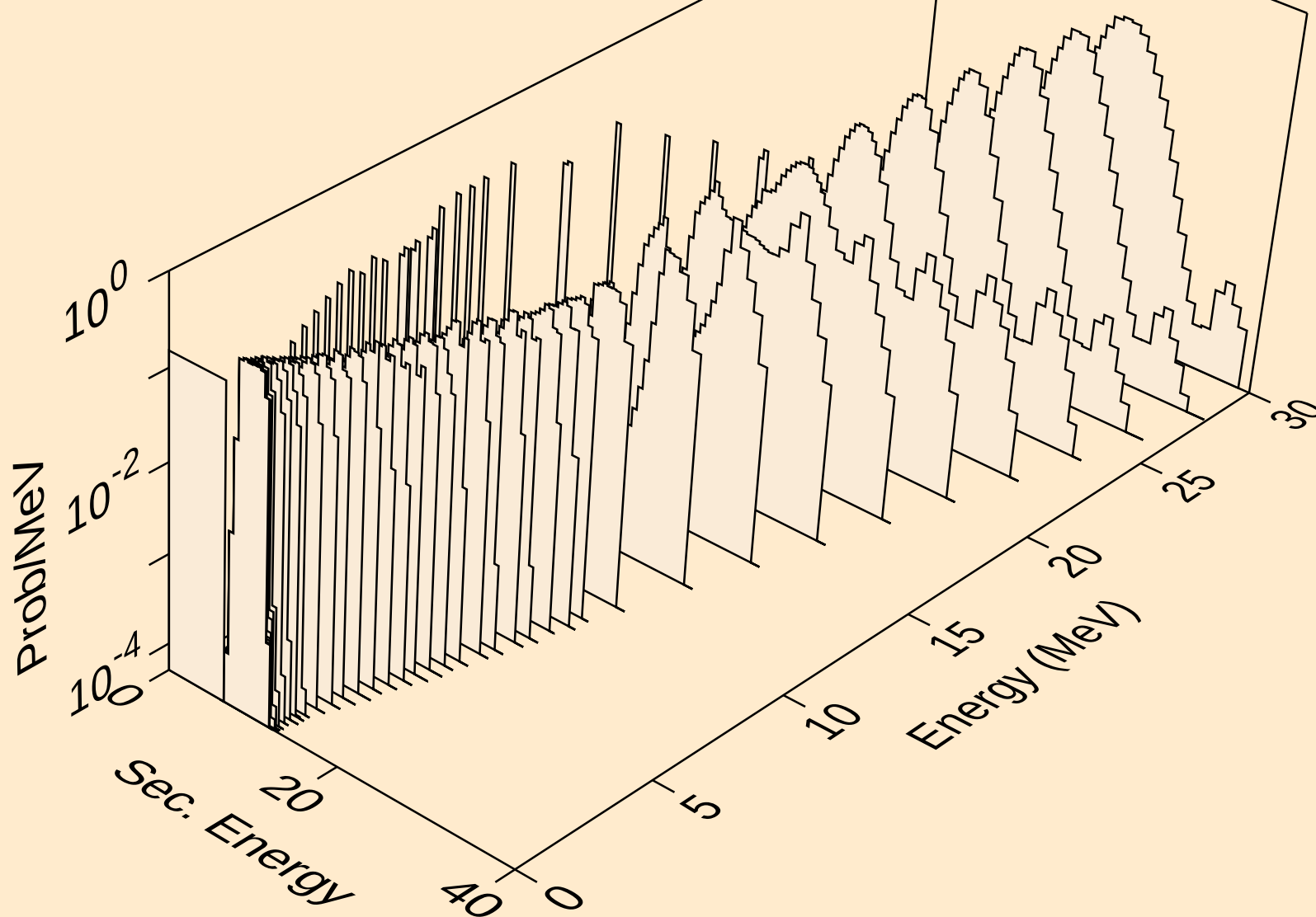
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



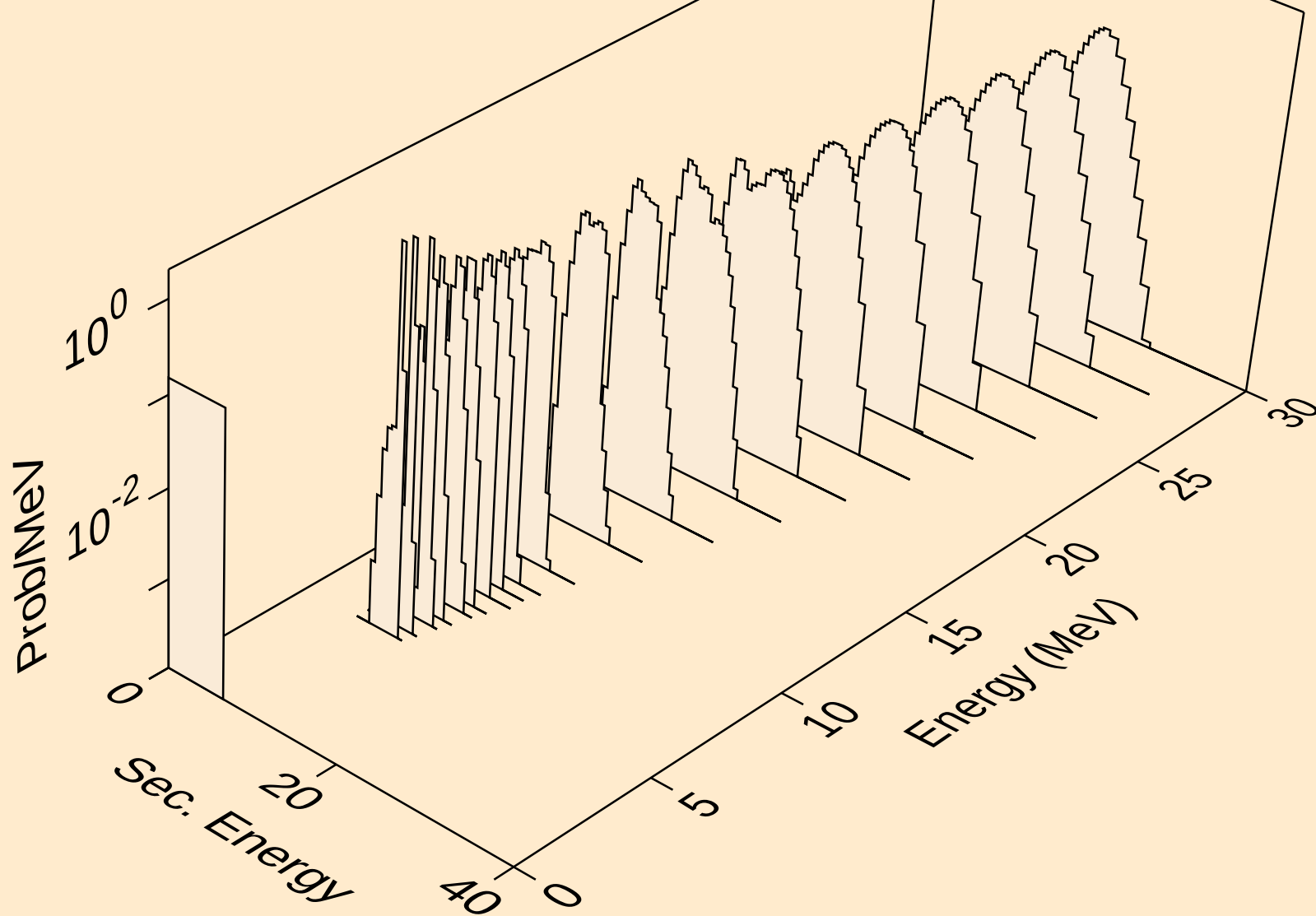
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



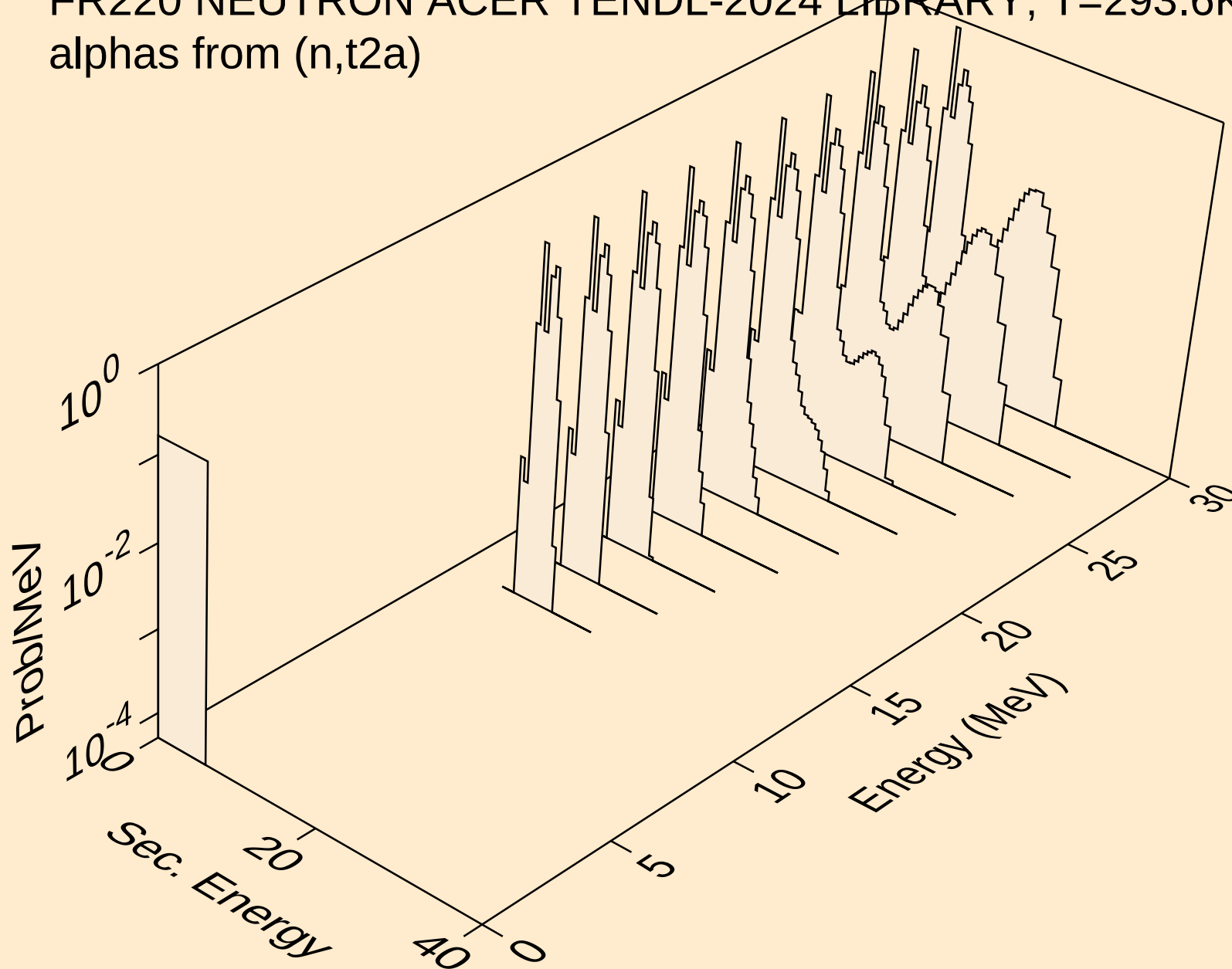
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,t2a)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

