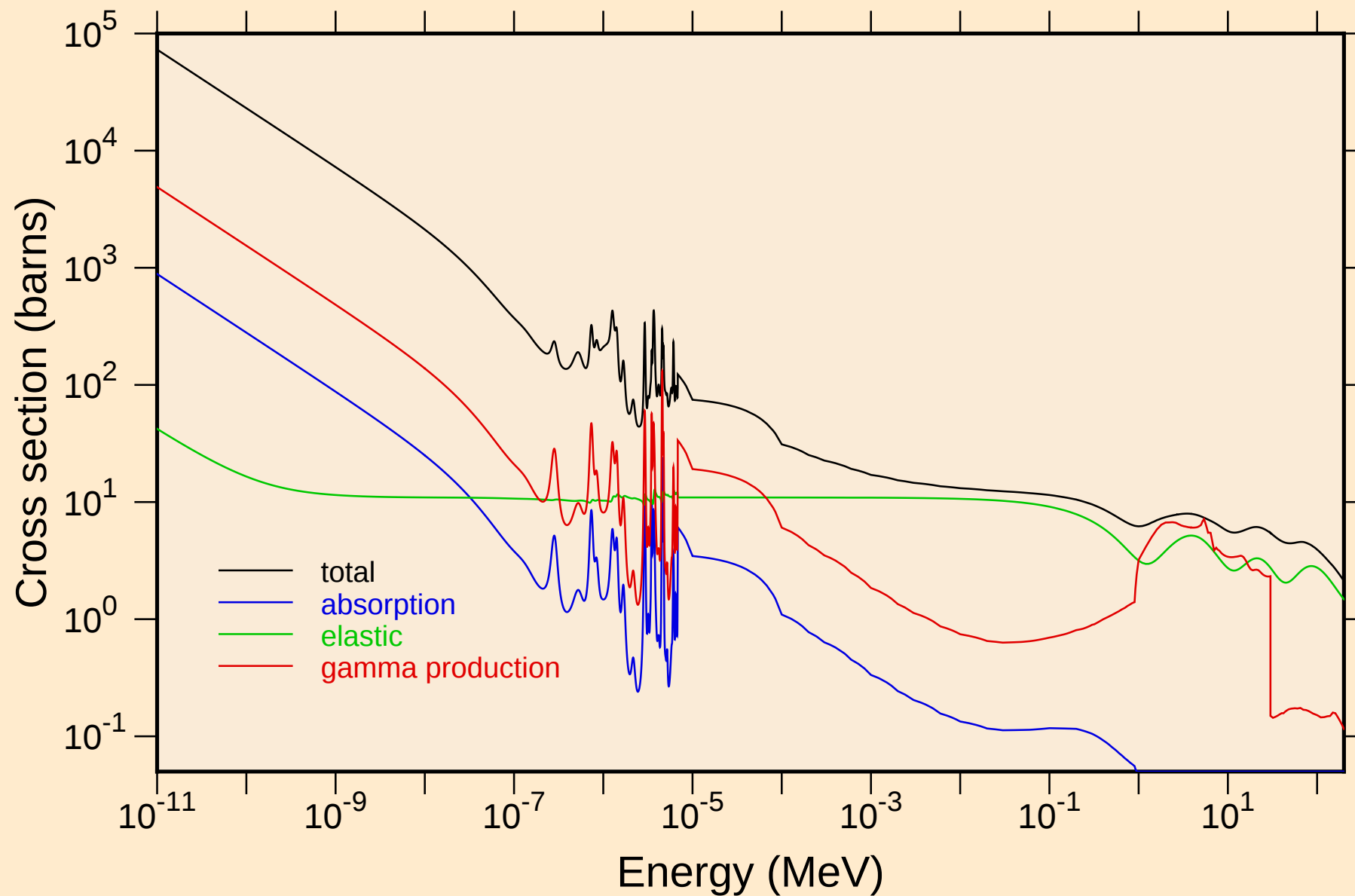
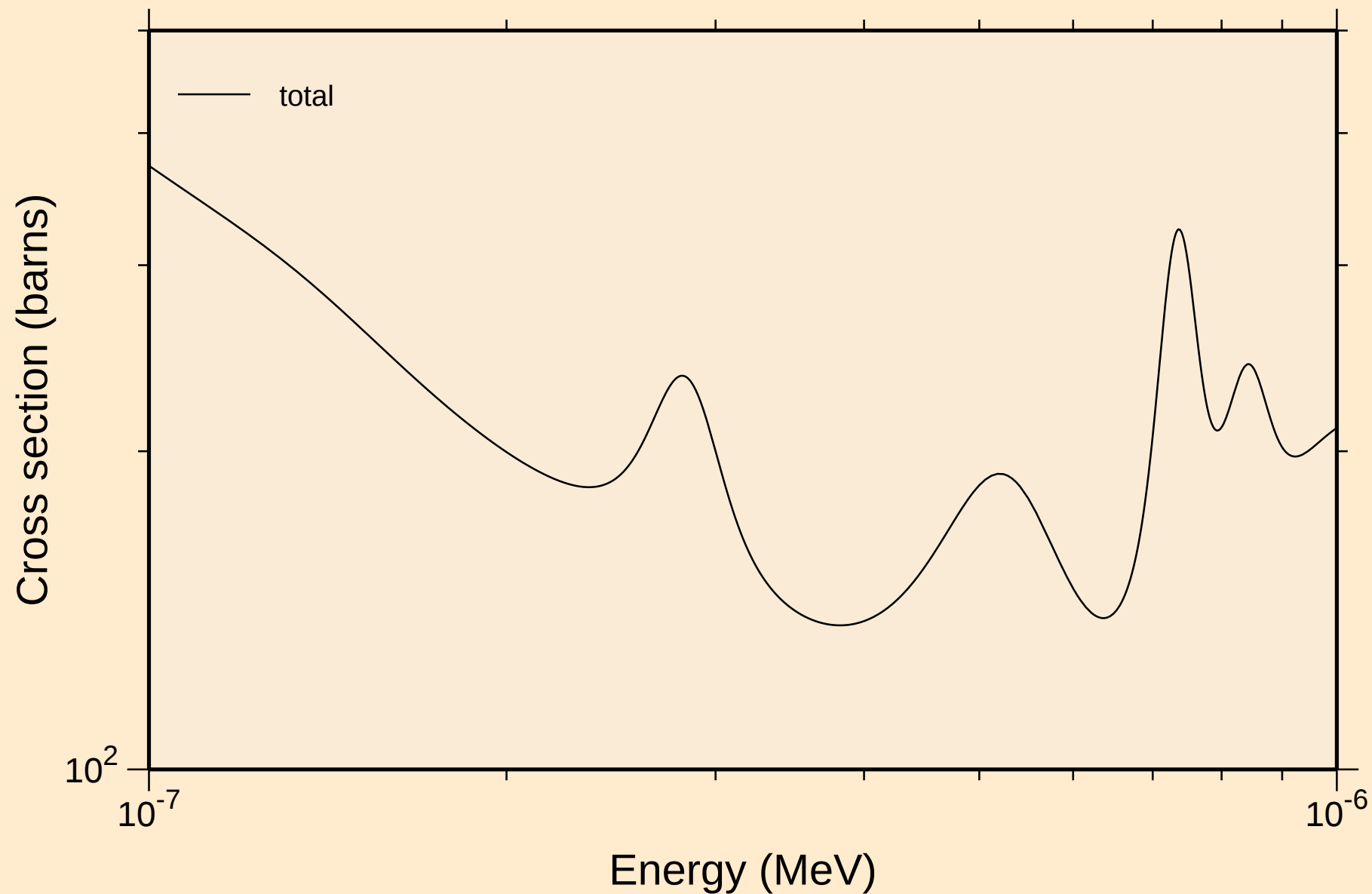


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

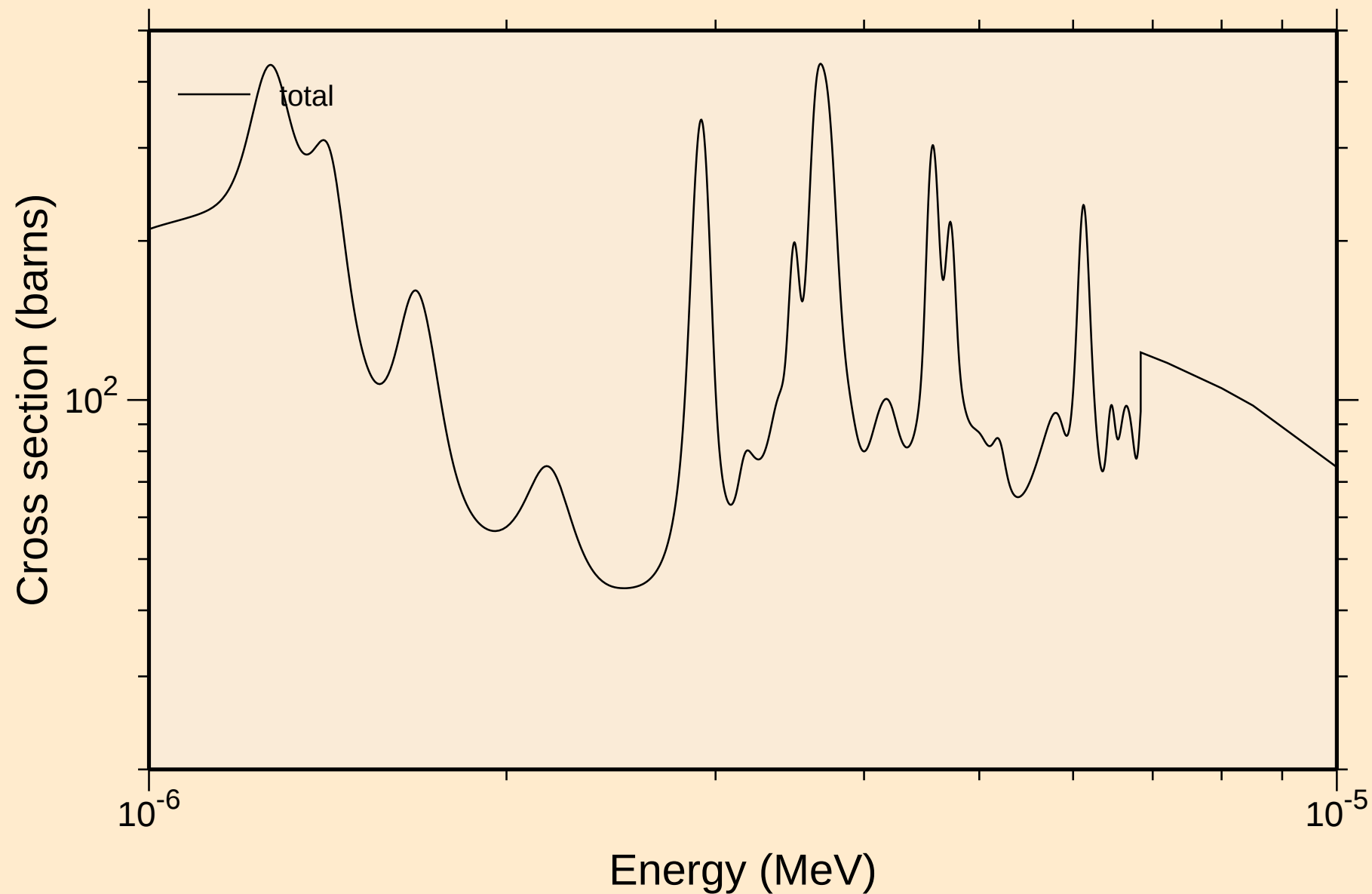
Principal cross sections



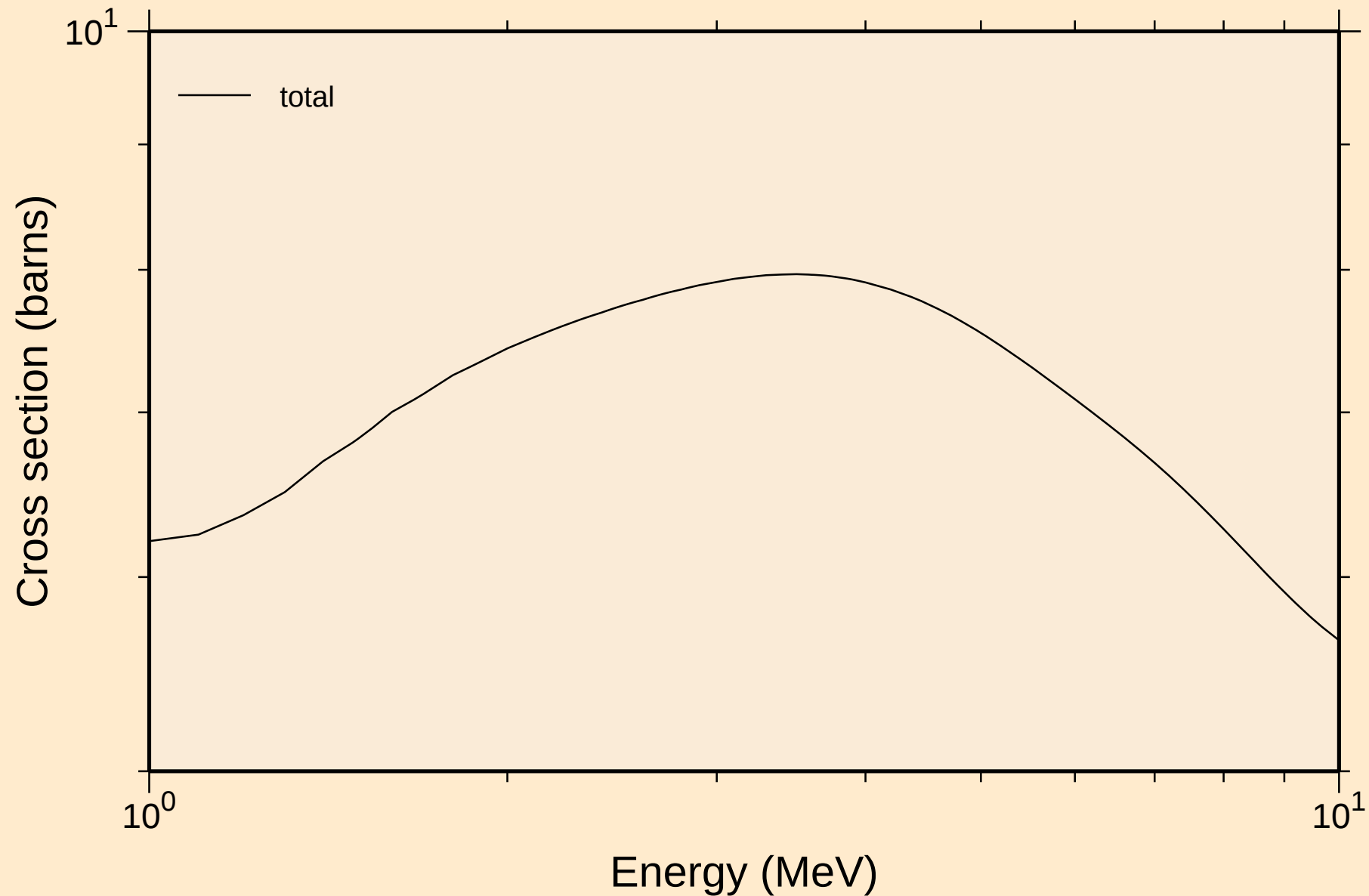
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



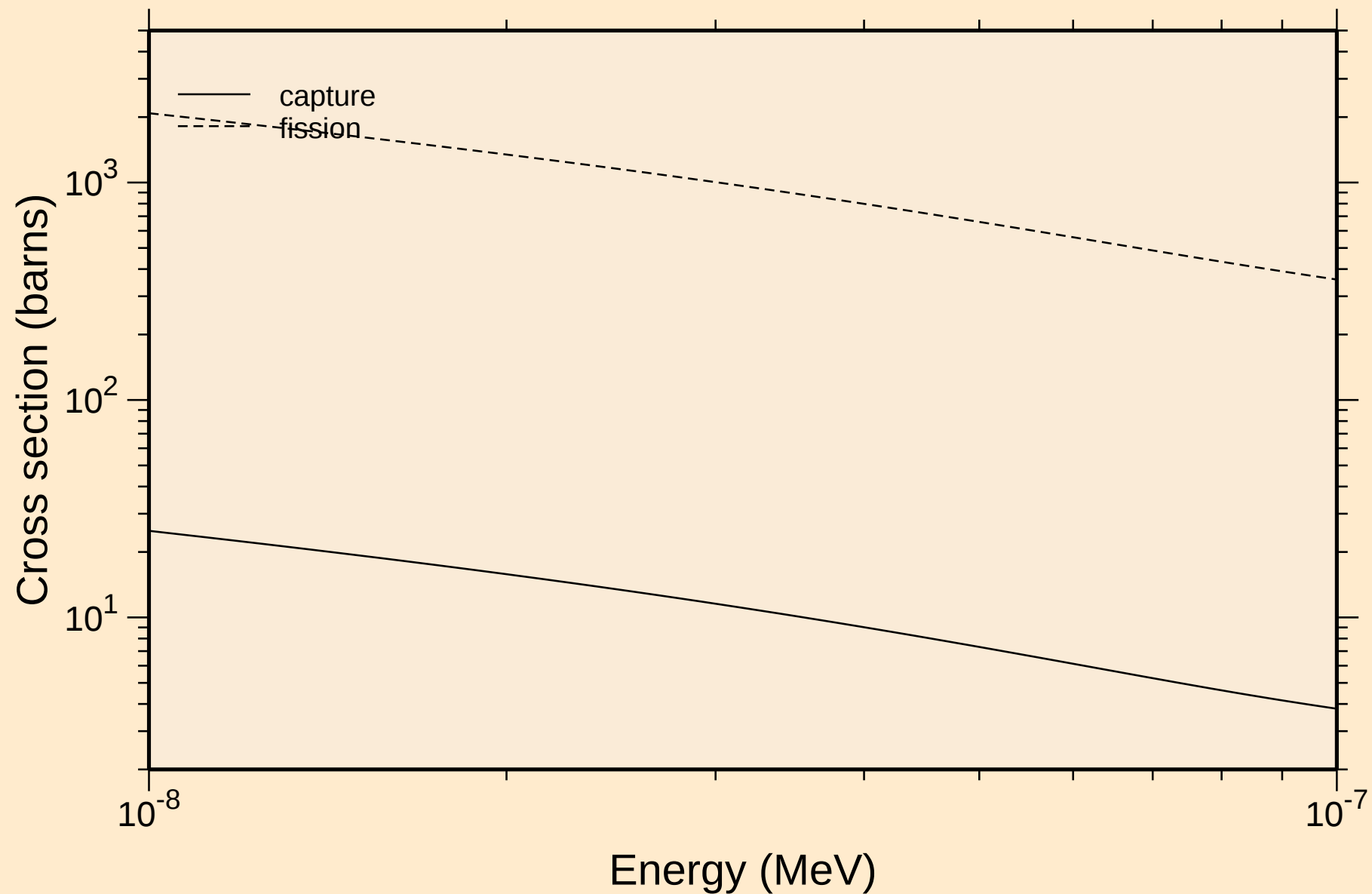
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



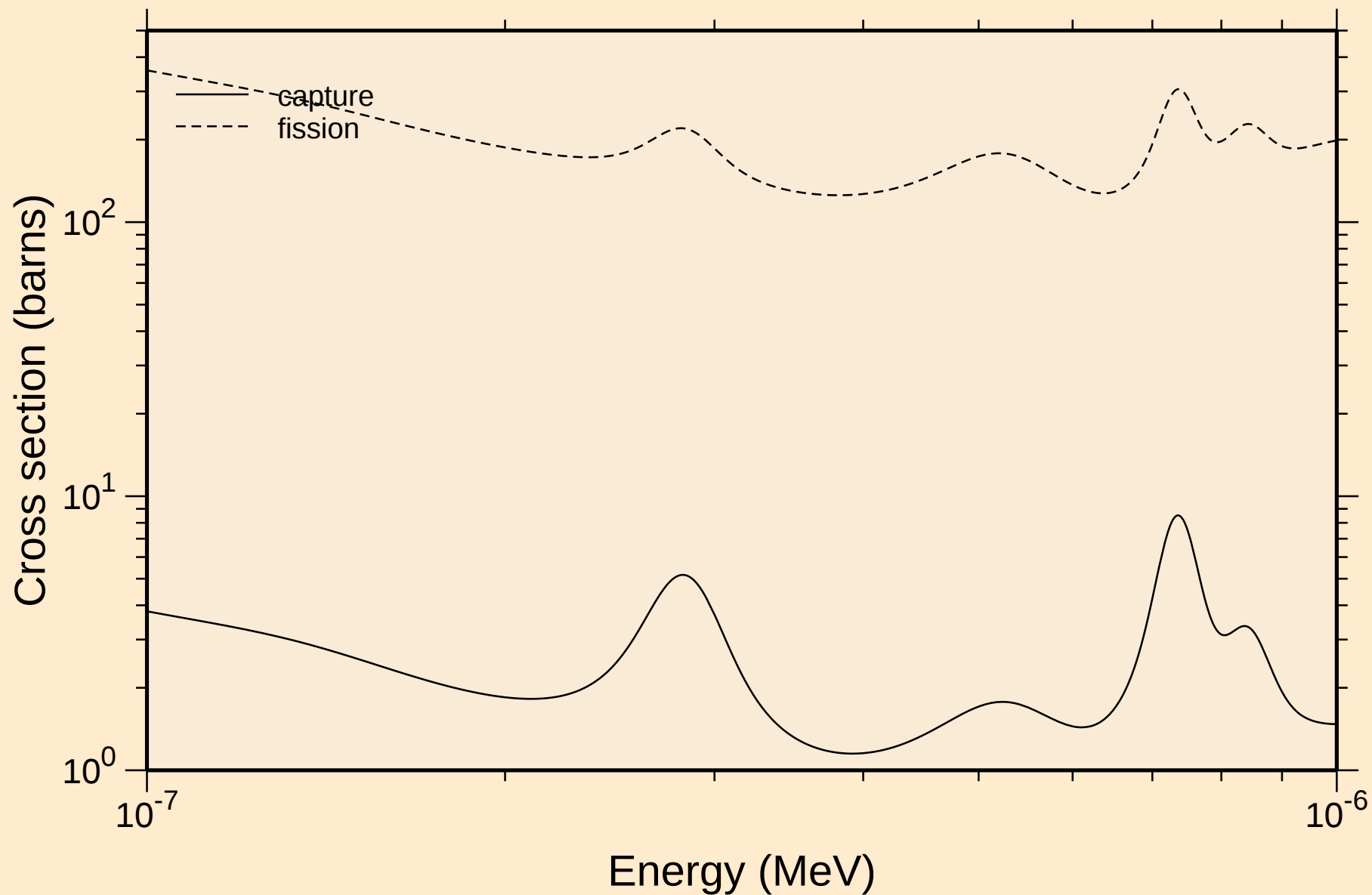
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



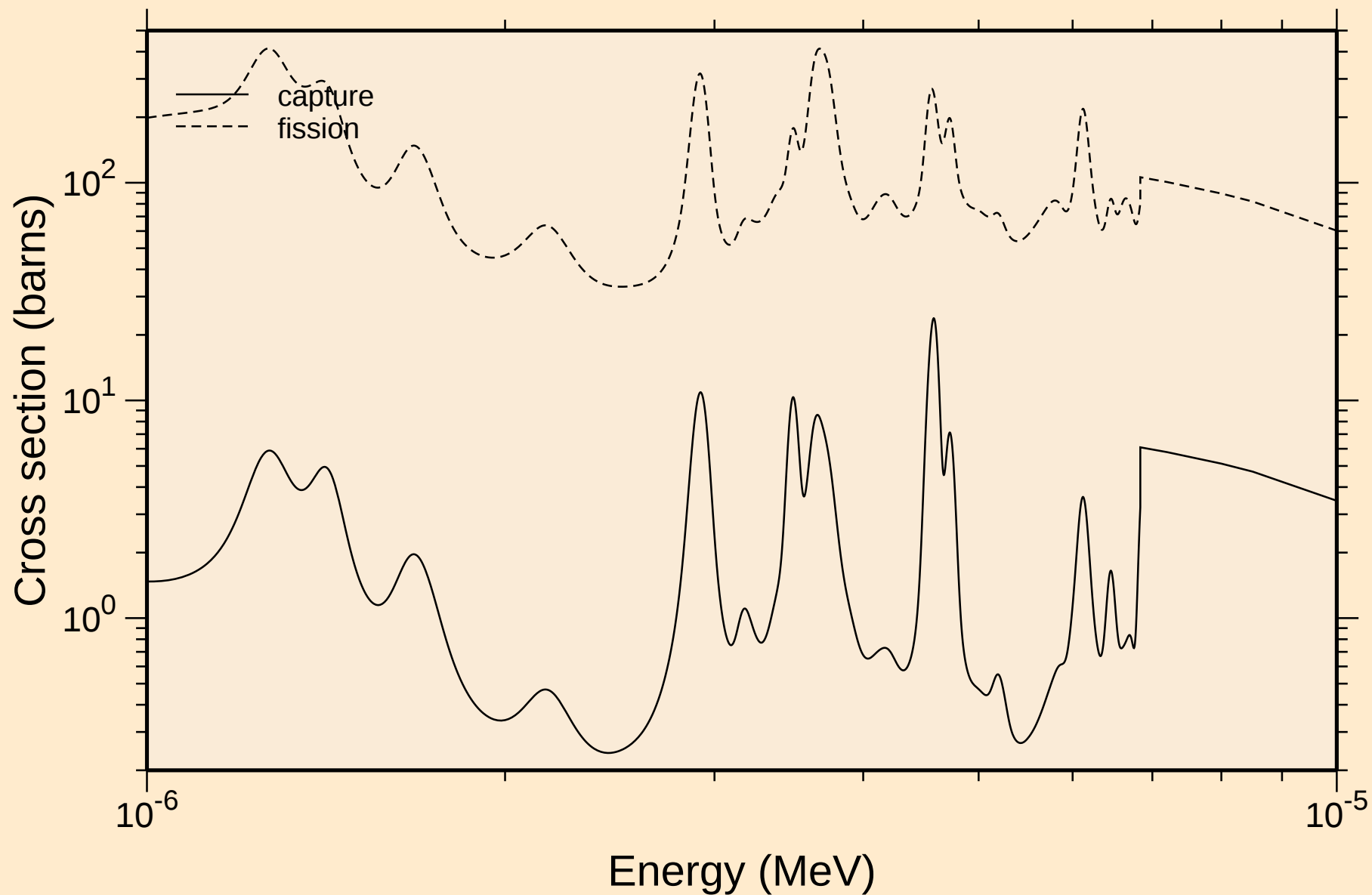
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



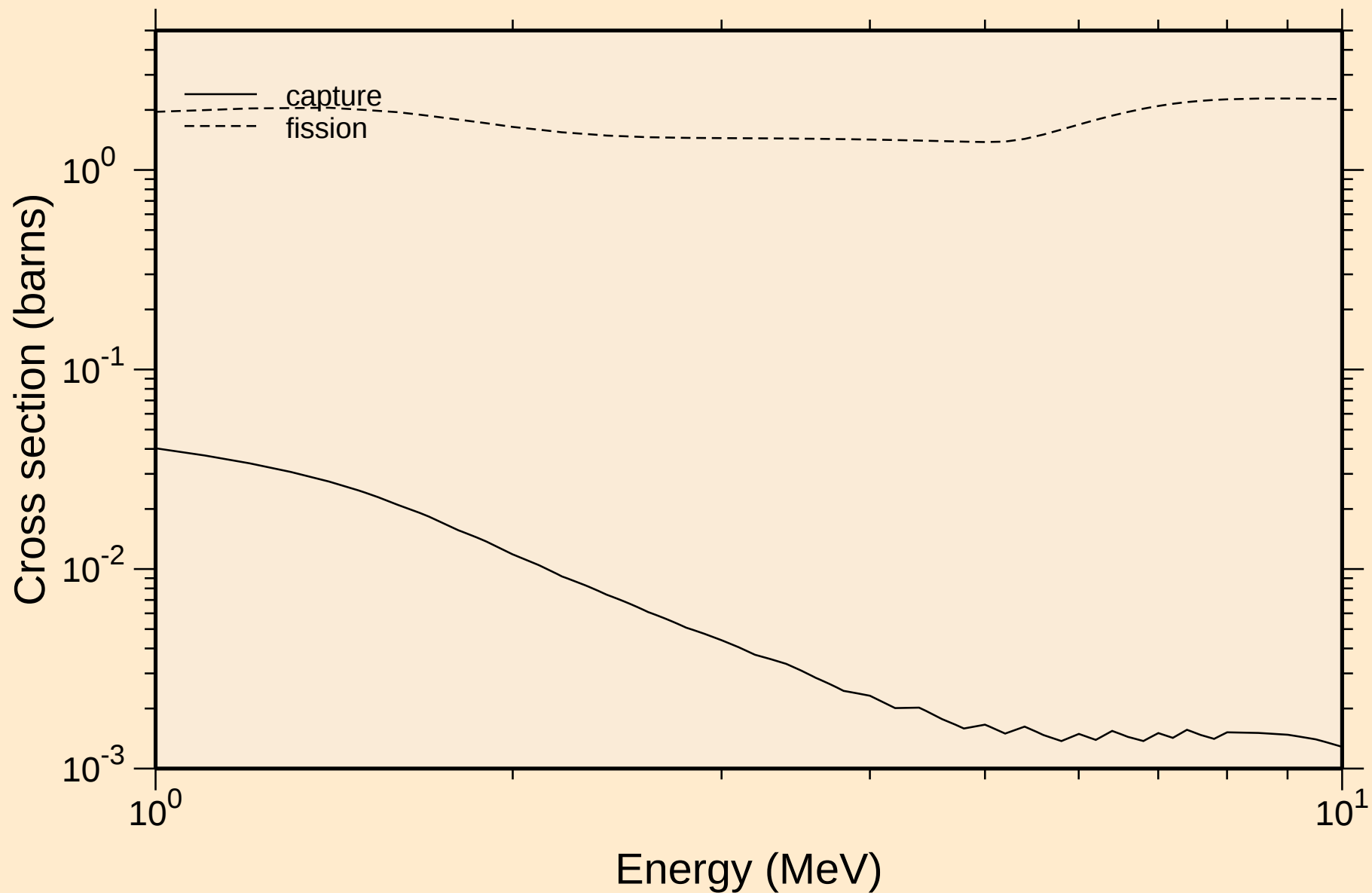
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

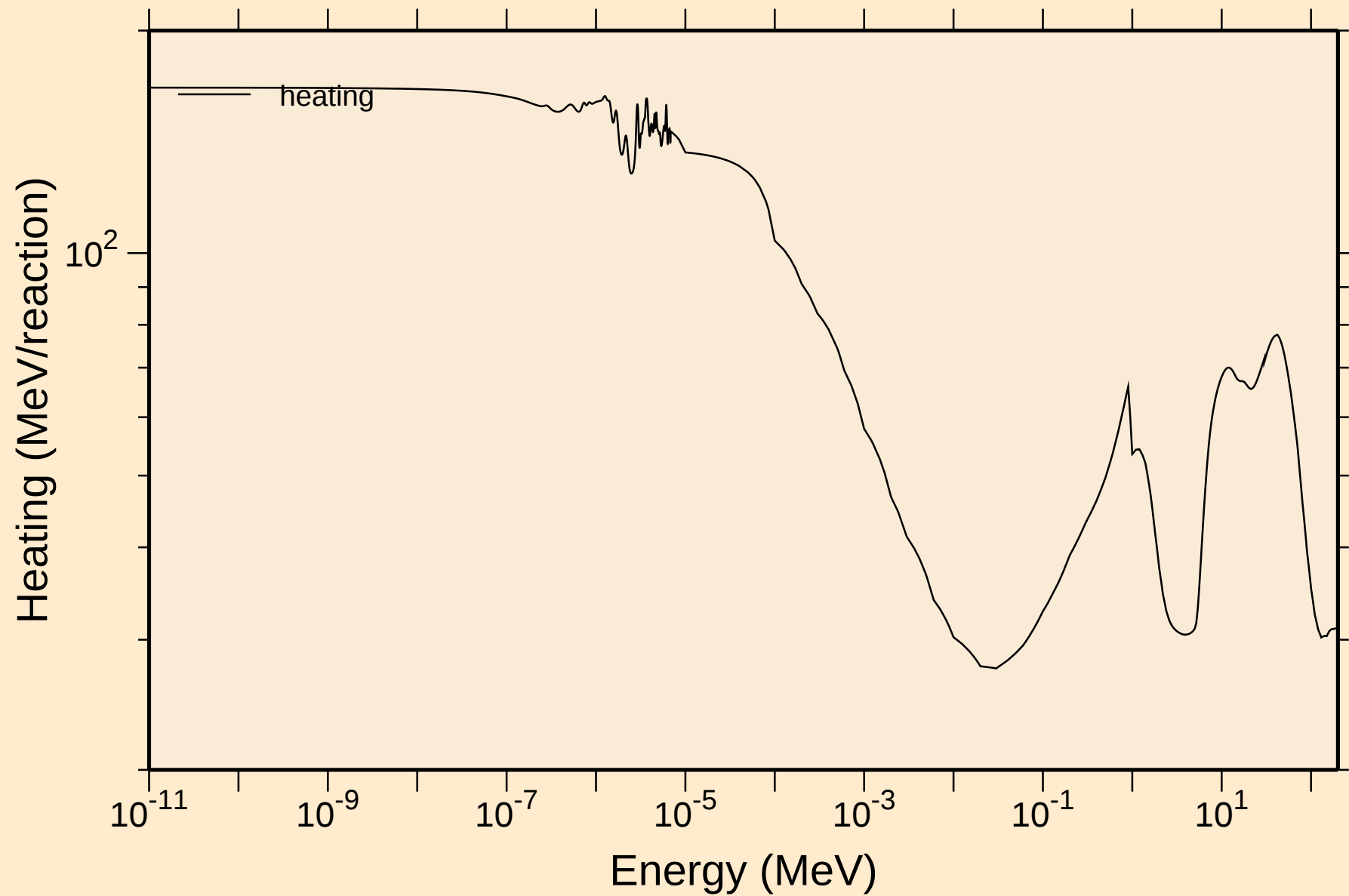


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



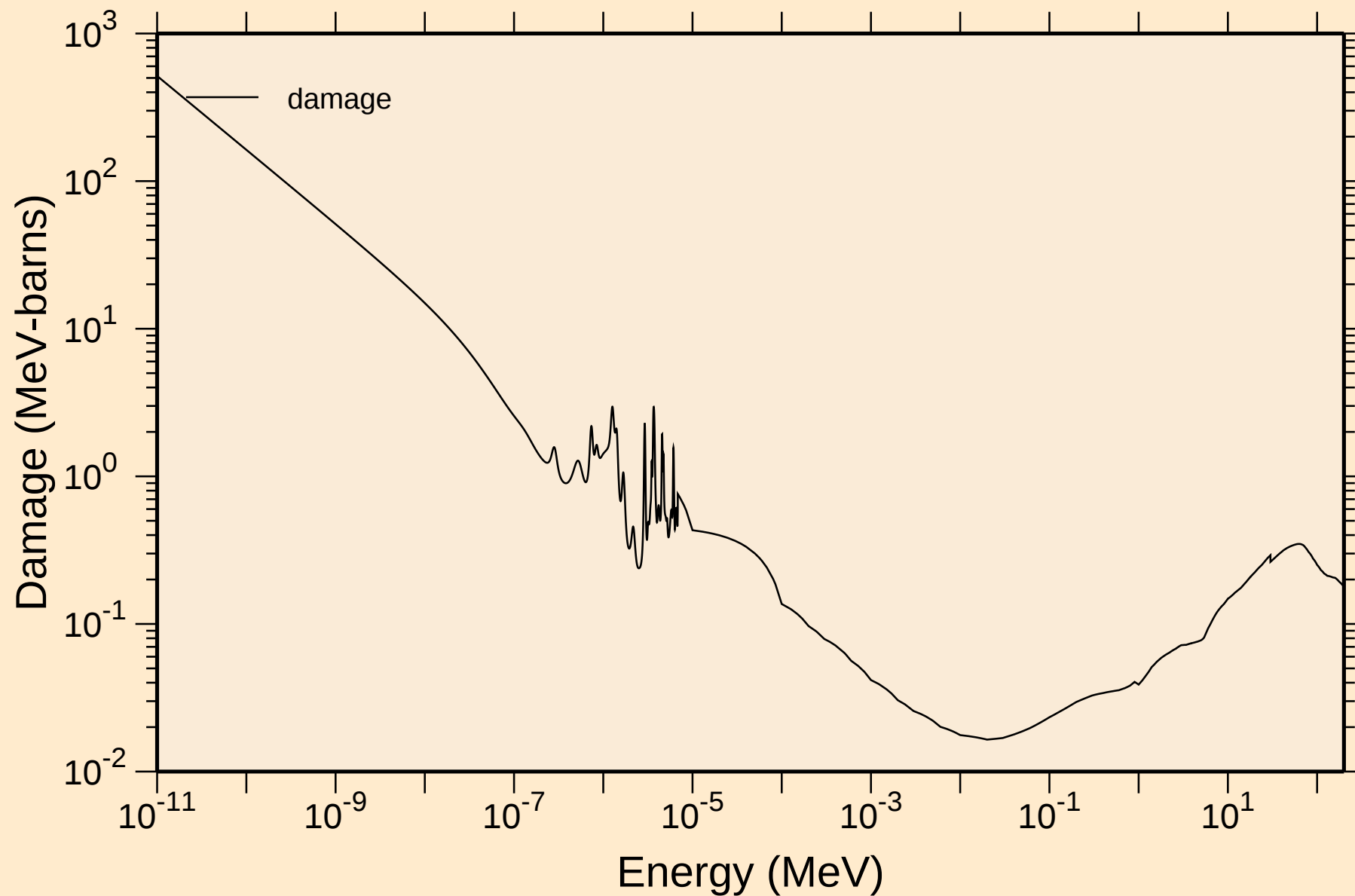
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

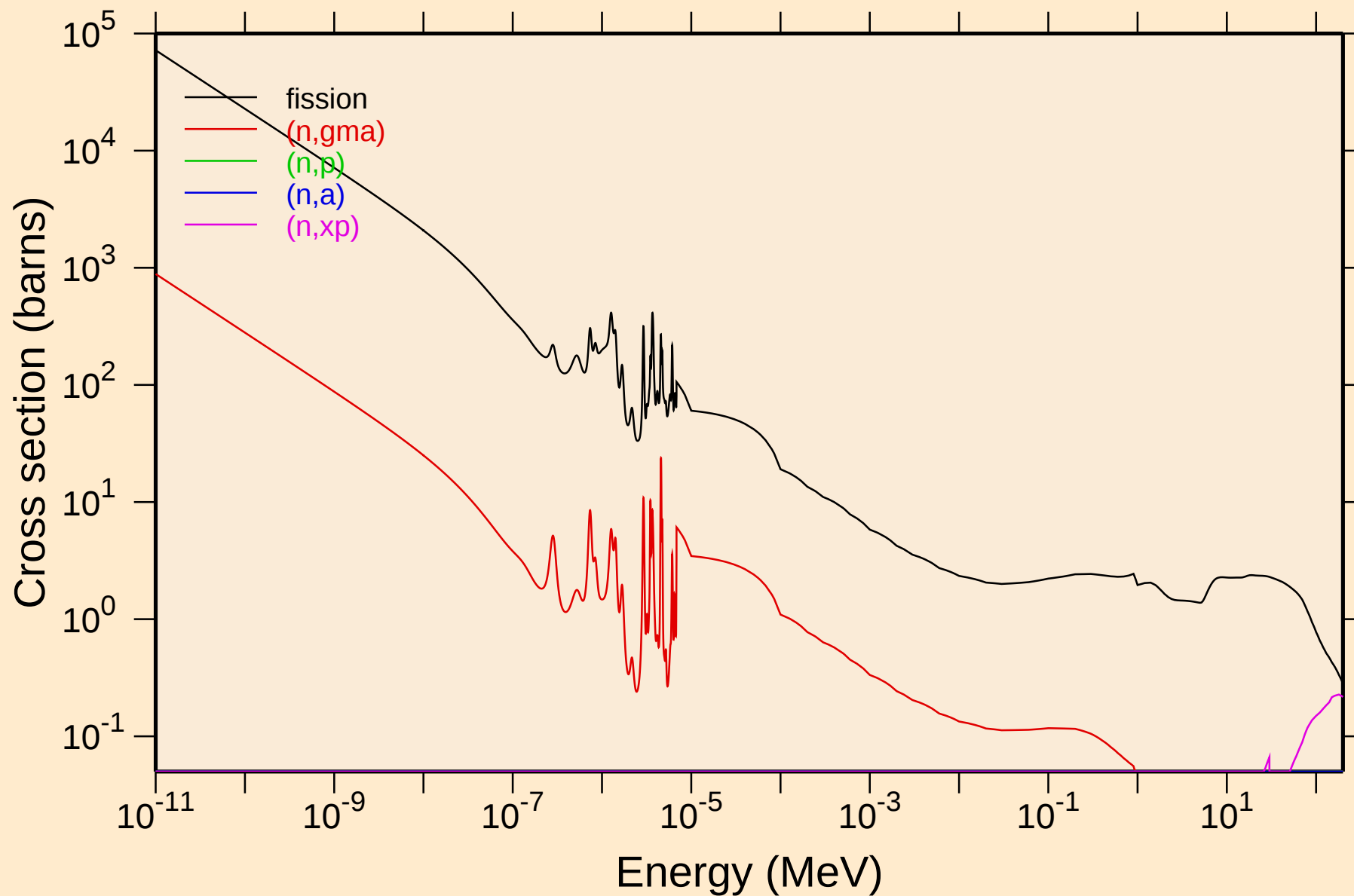


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

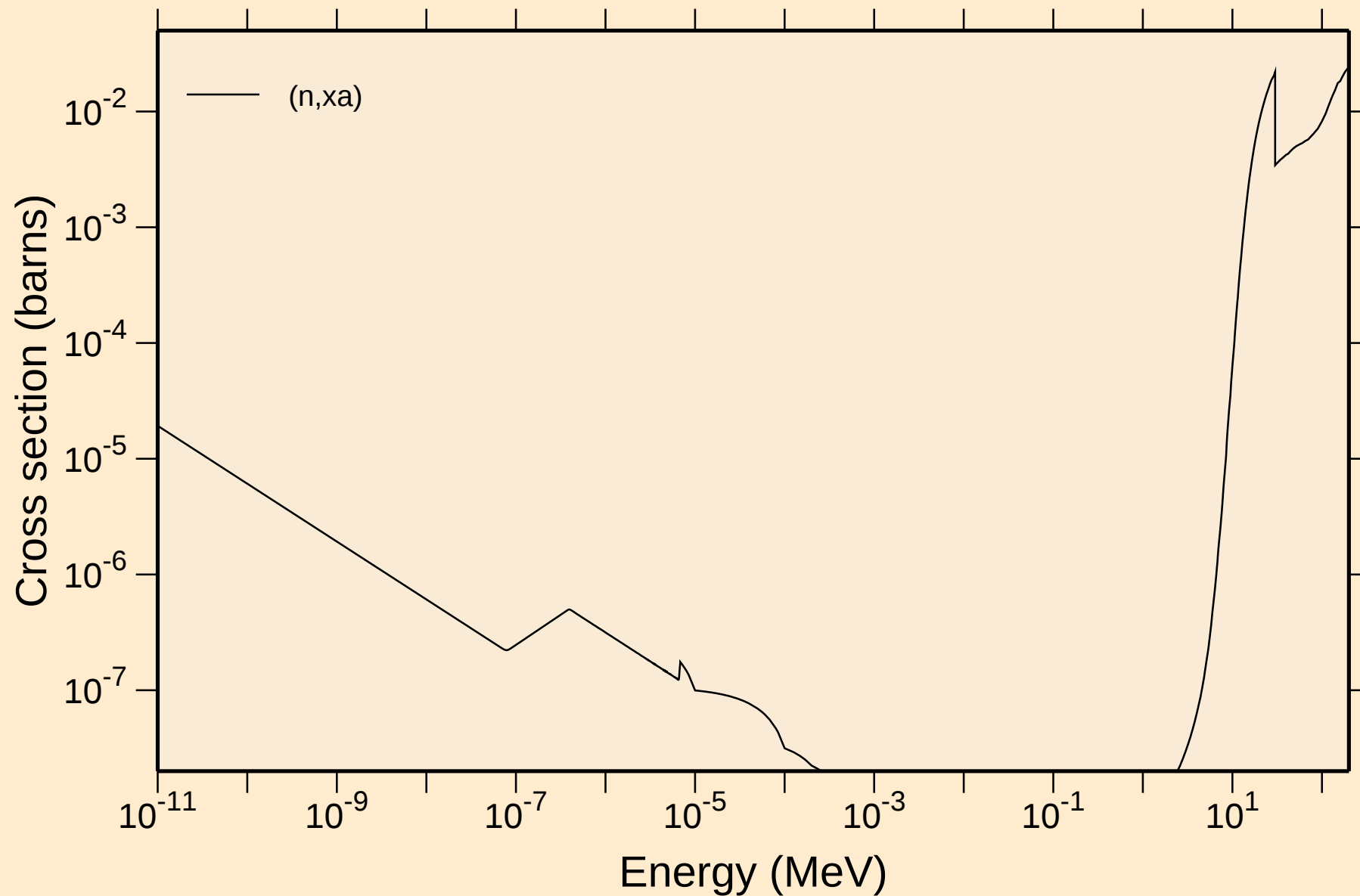
Damage



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

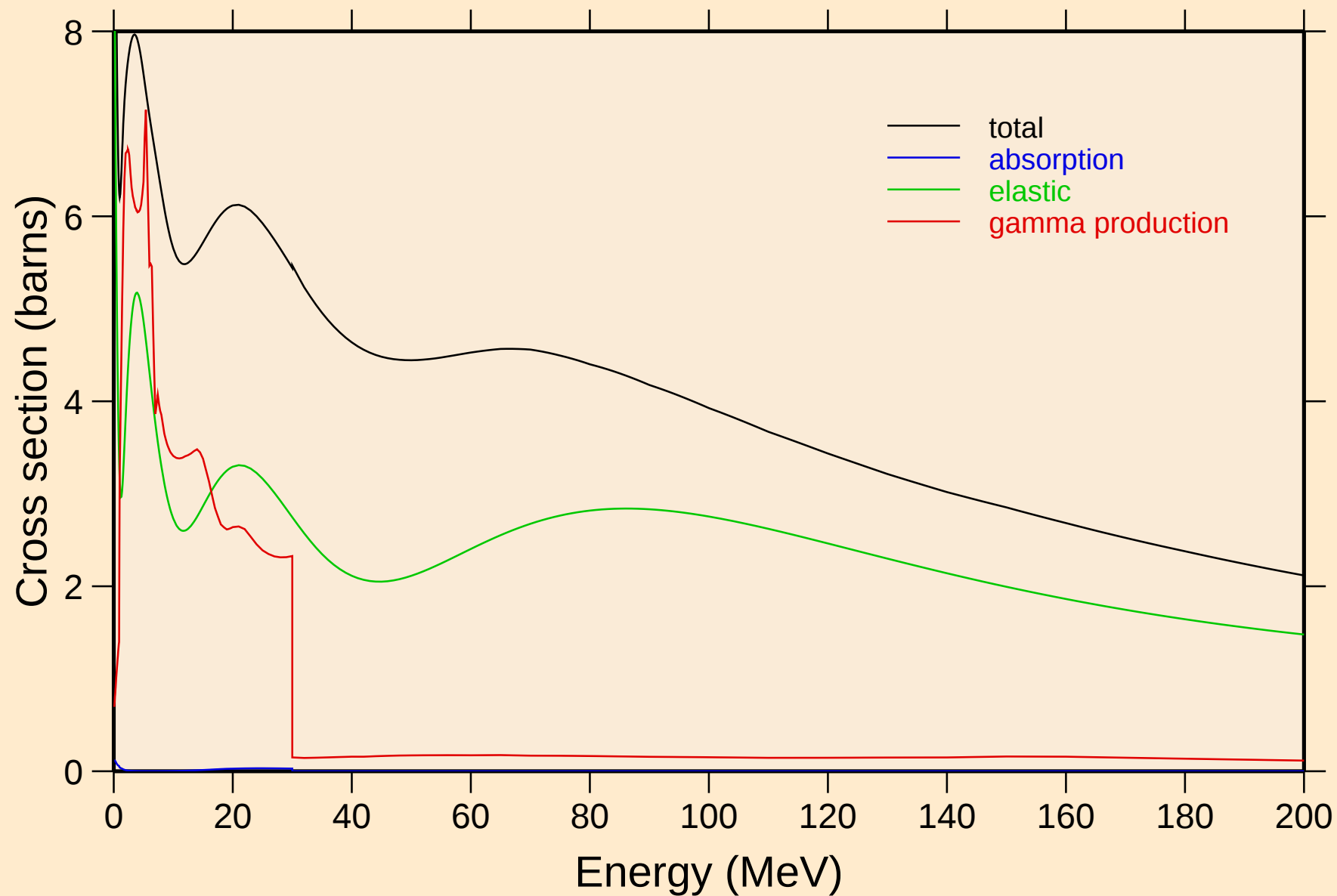


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



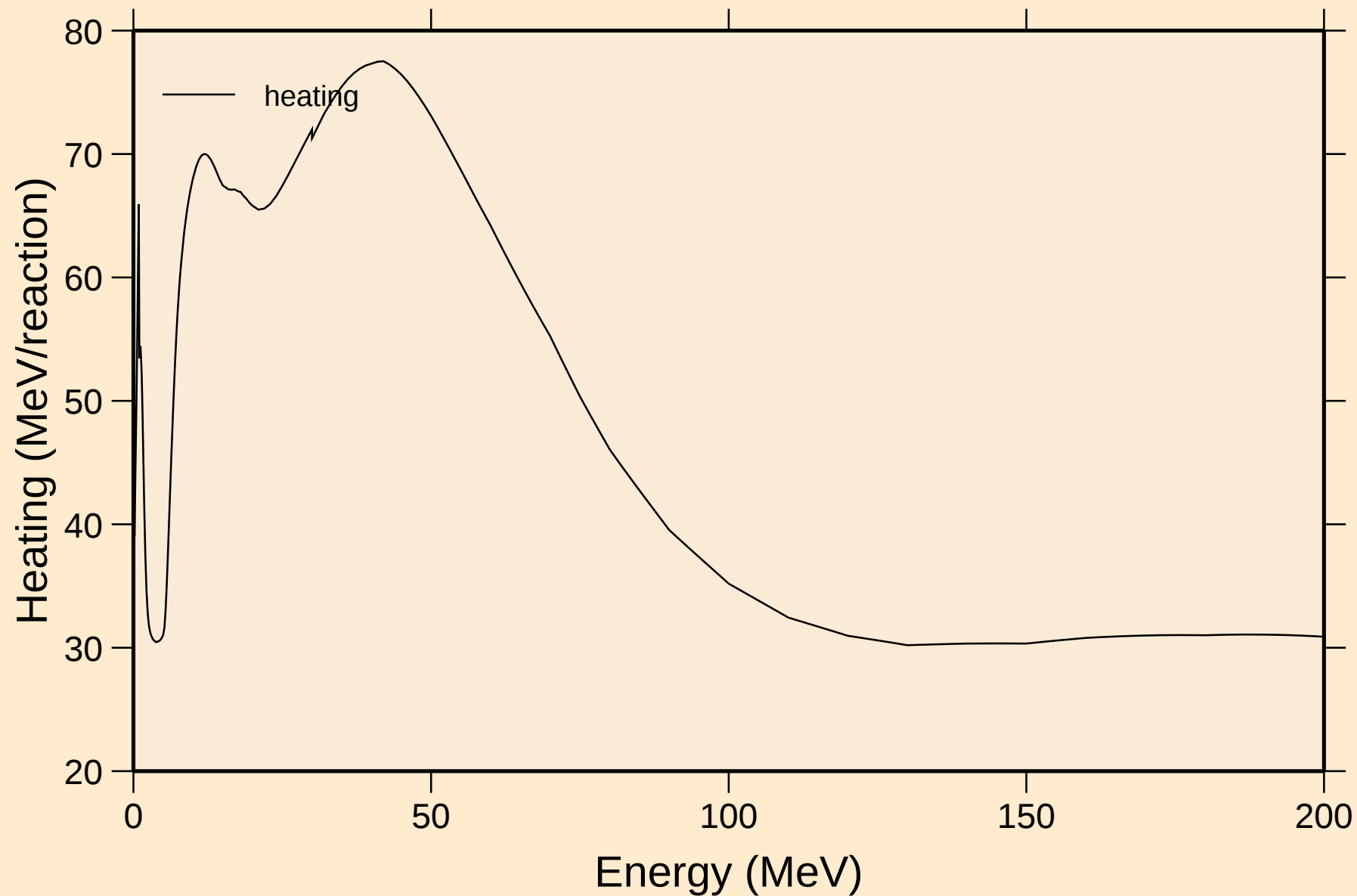
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



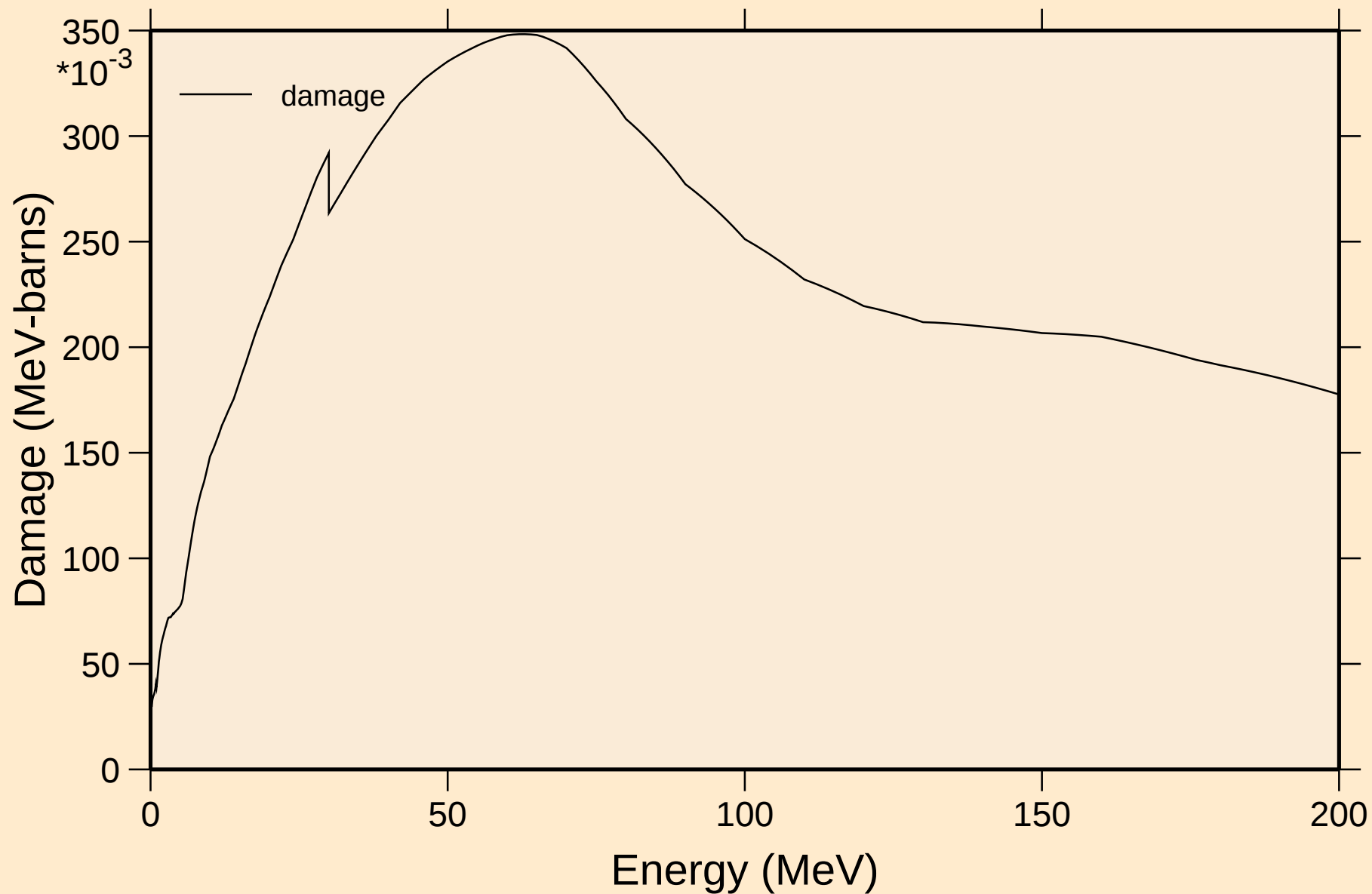
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

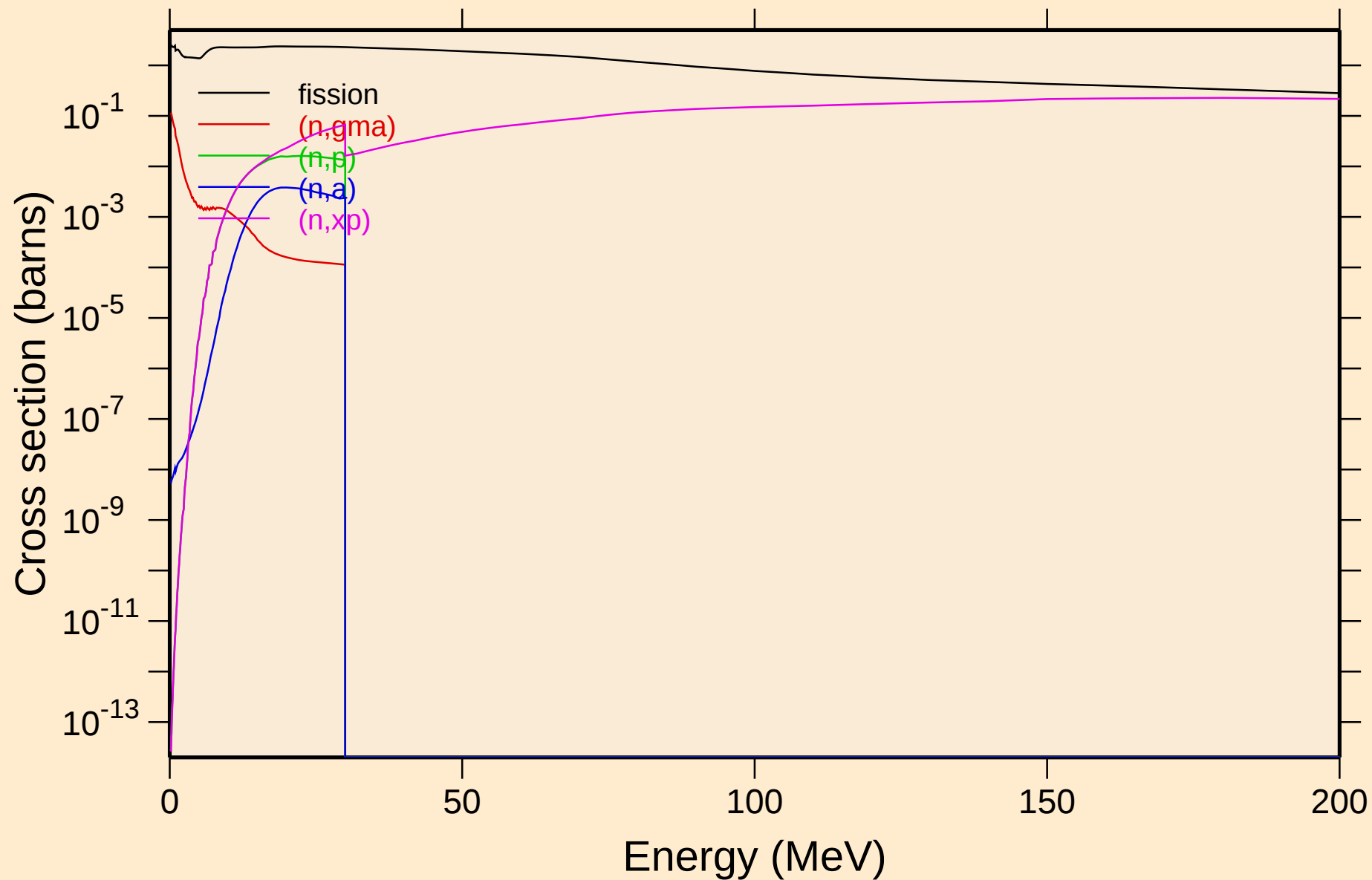


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

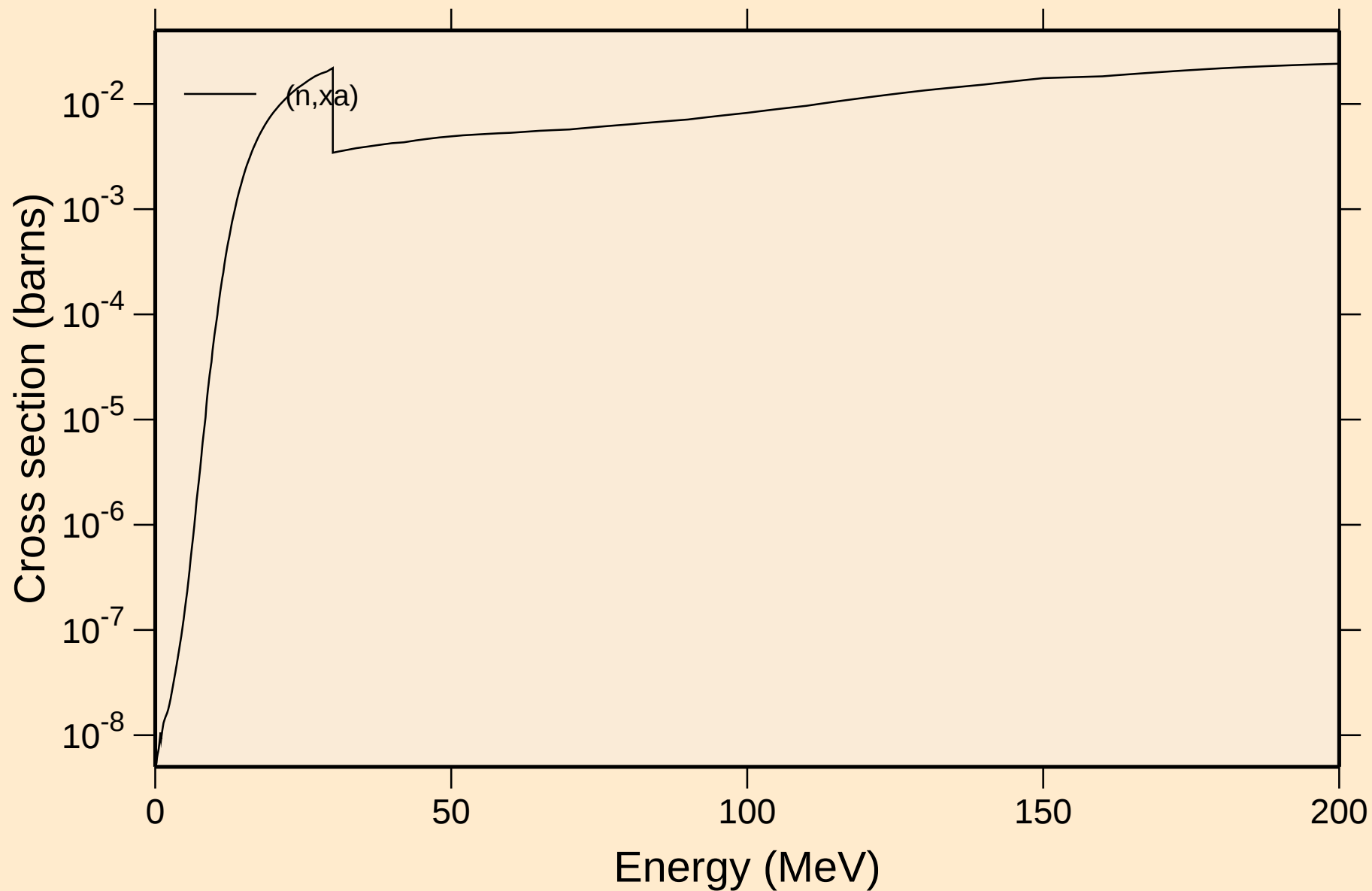
Damage



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

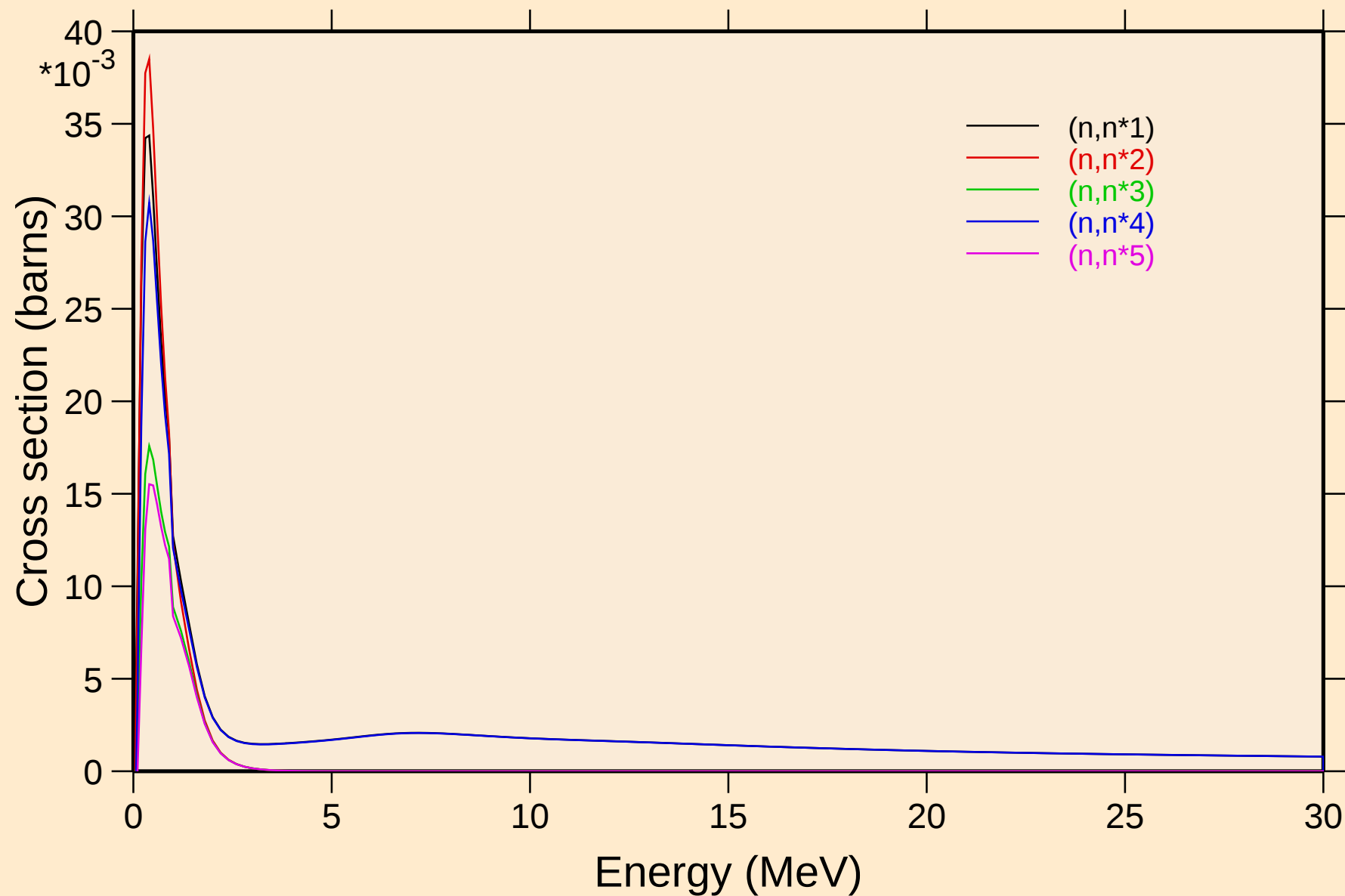


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

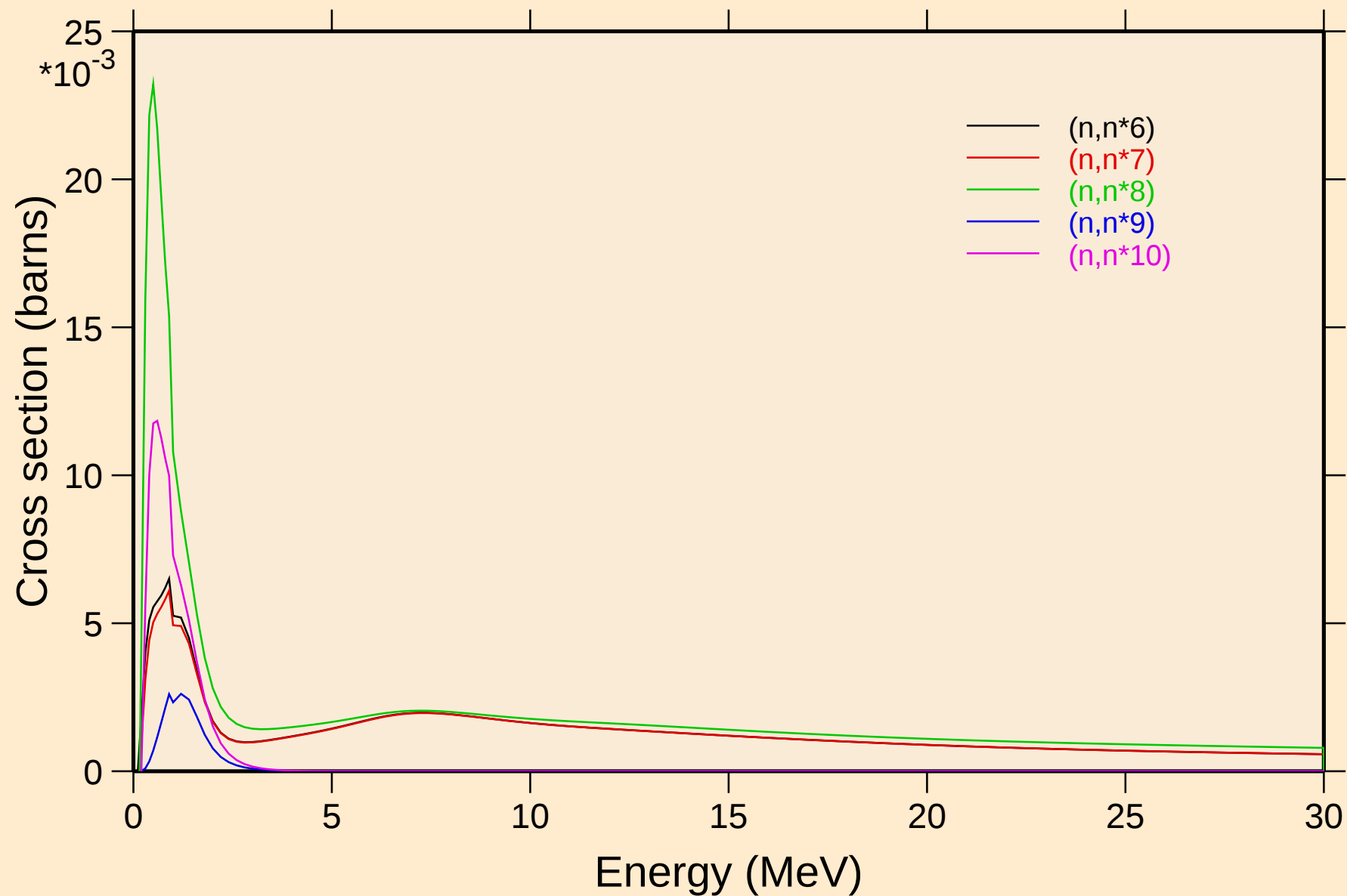


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

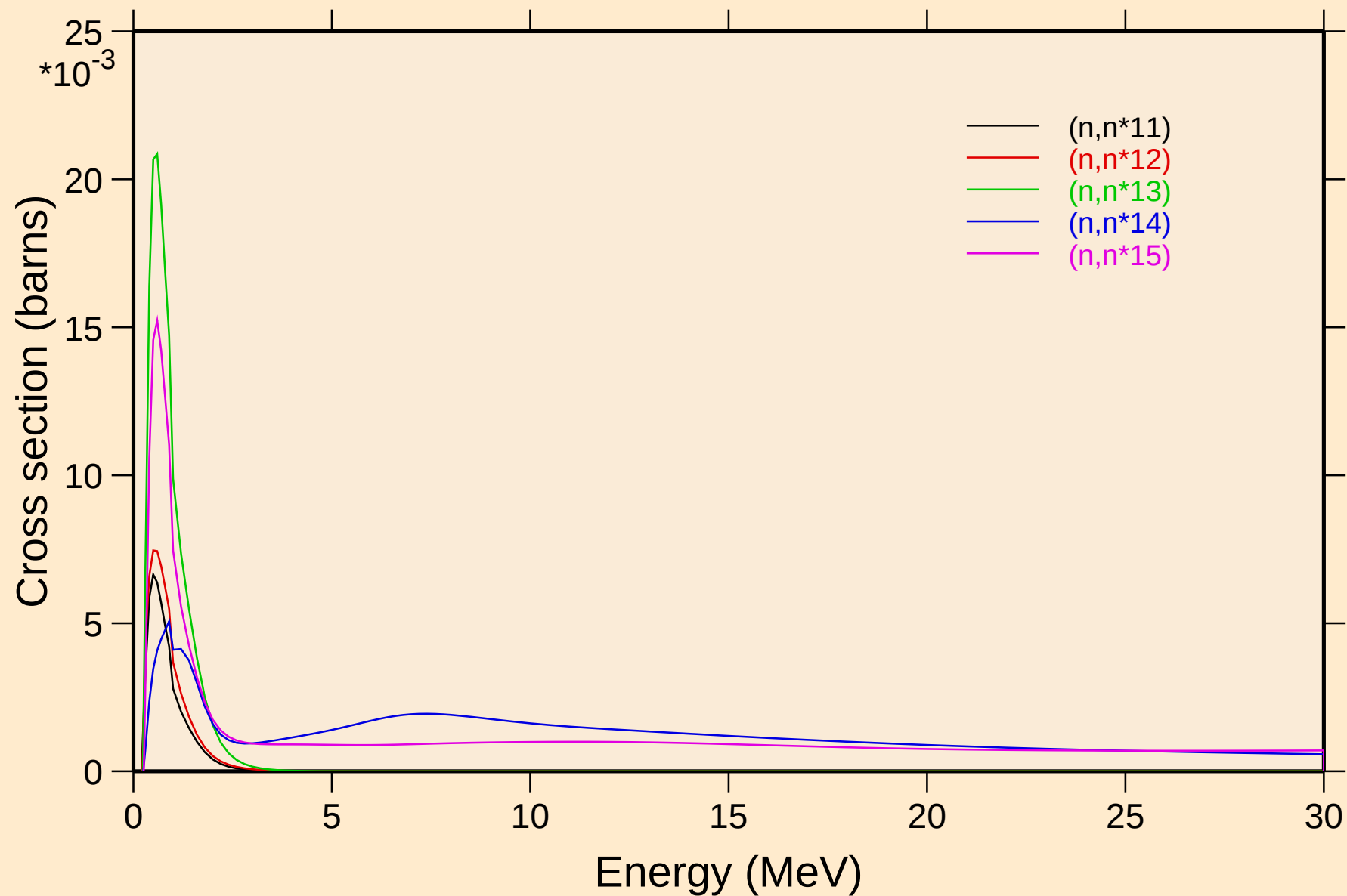
Inelastic levels



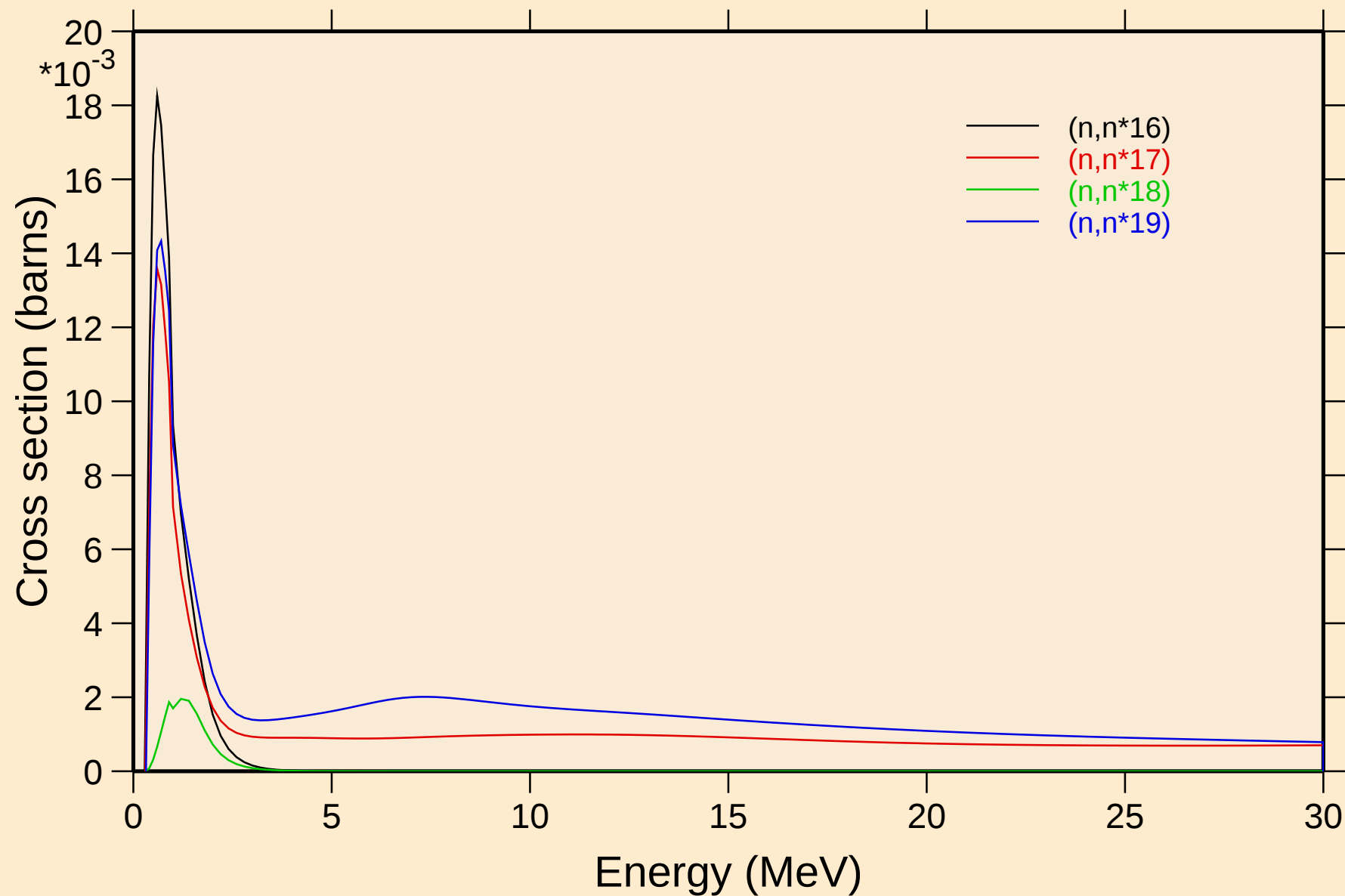
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



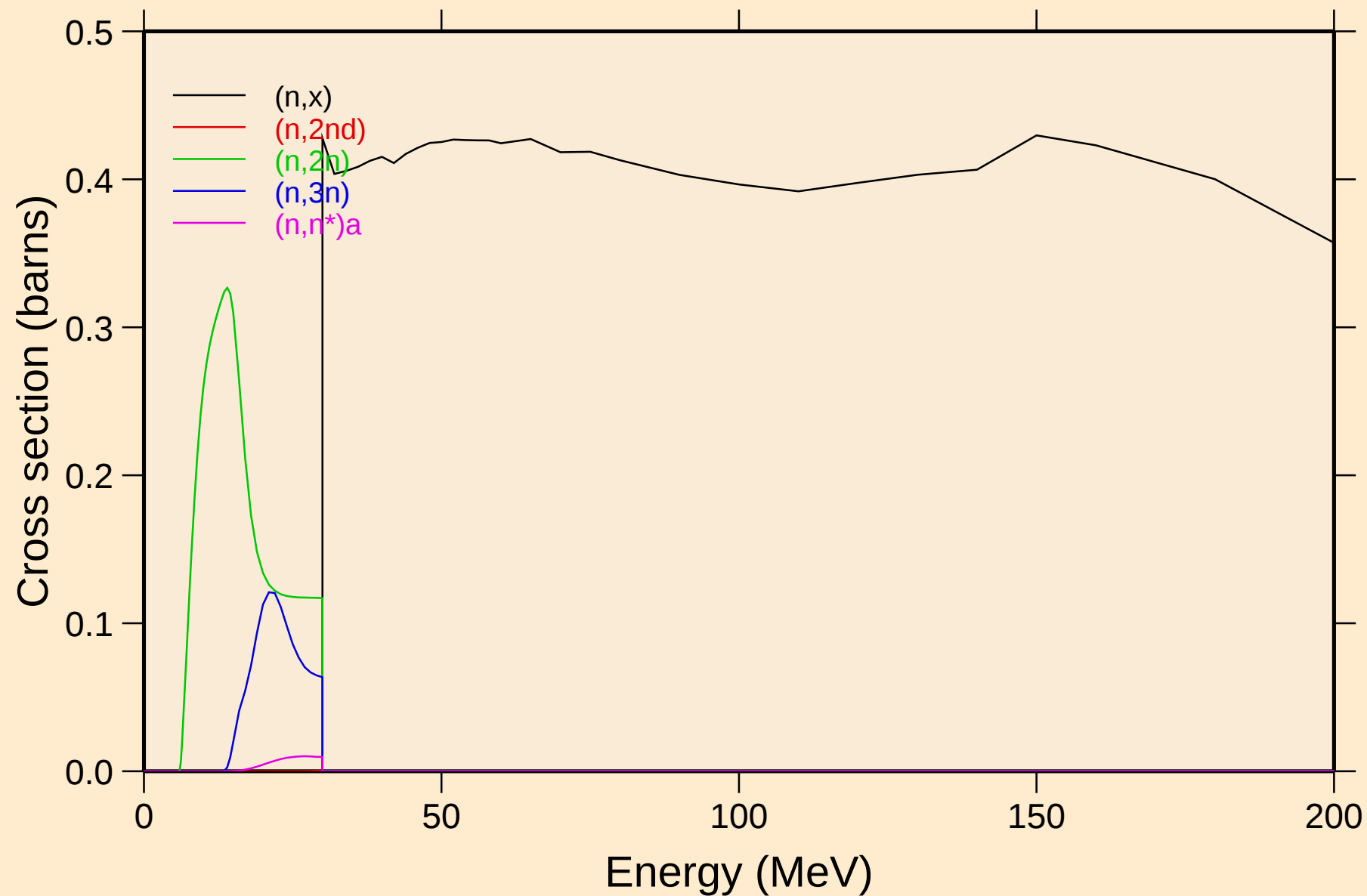
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



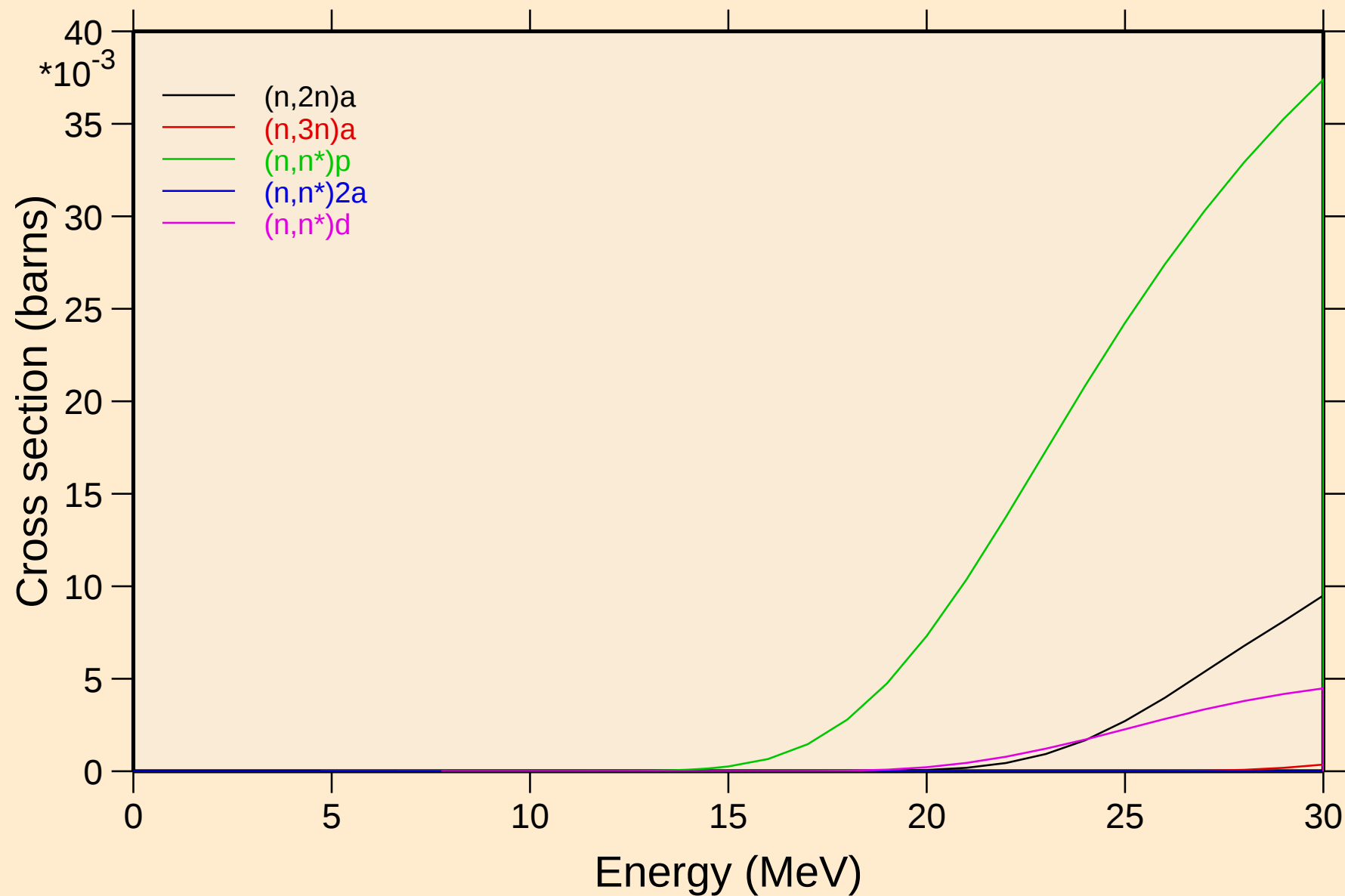
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



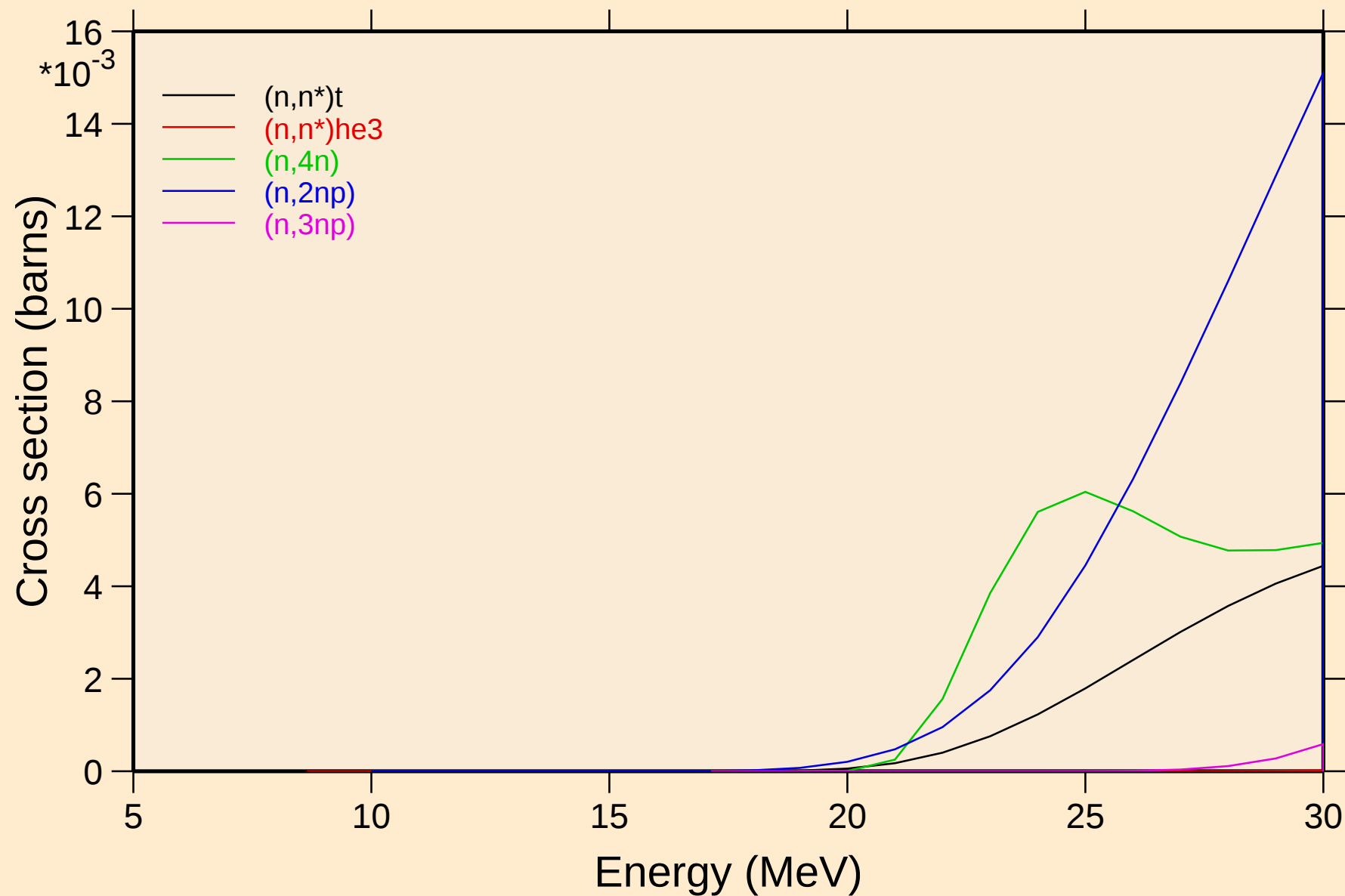
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



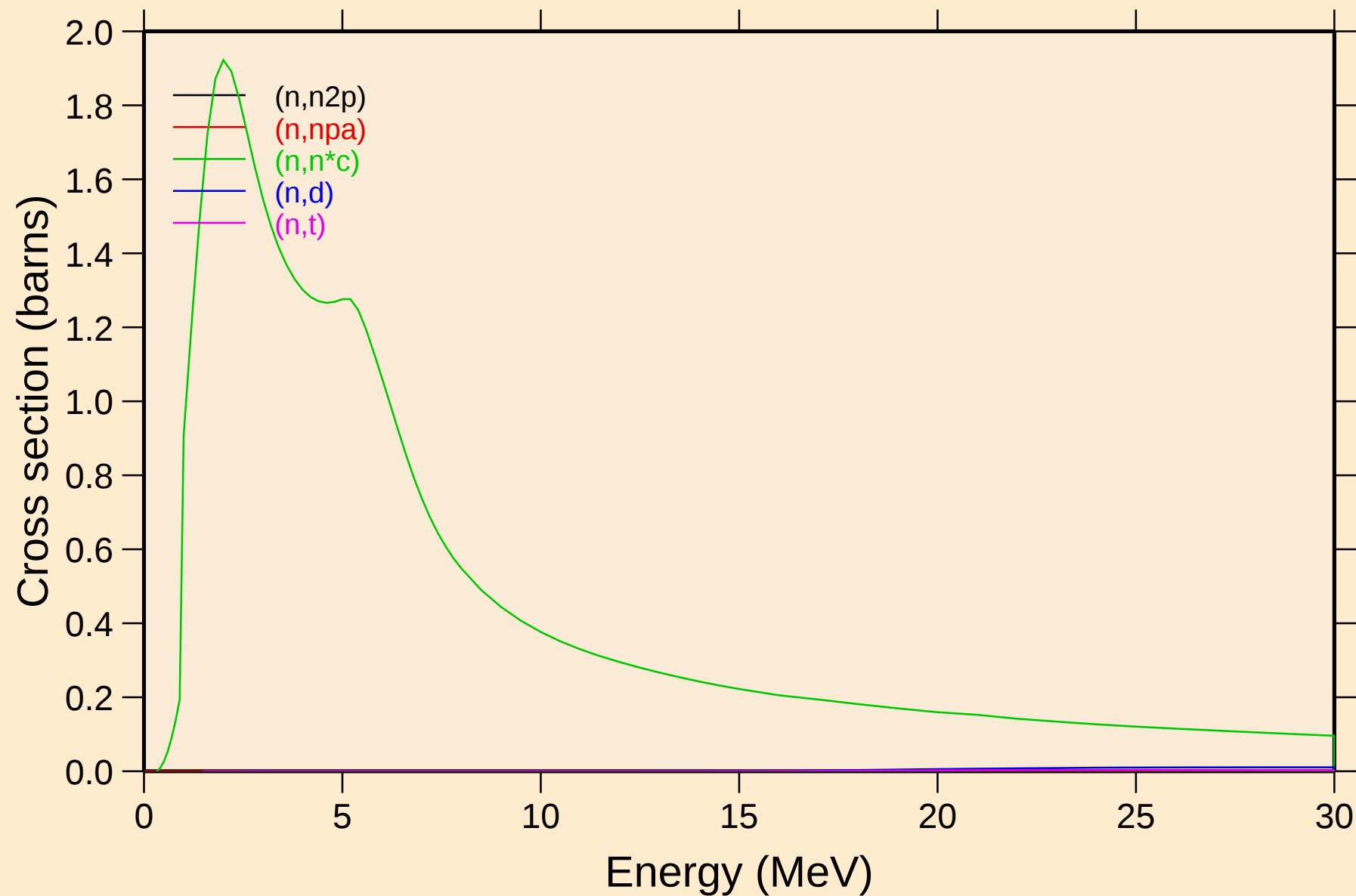
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



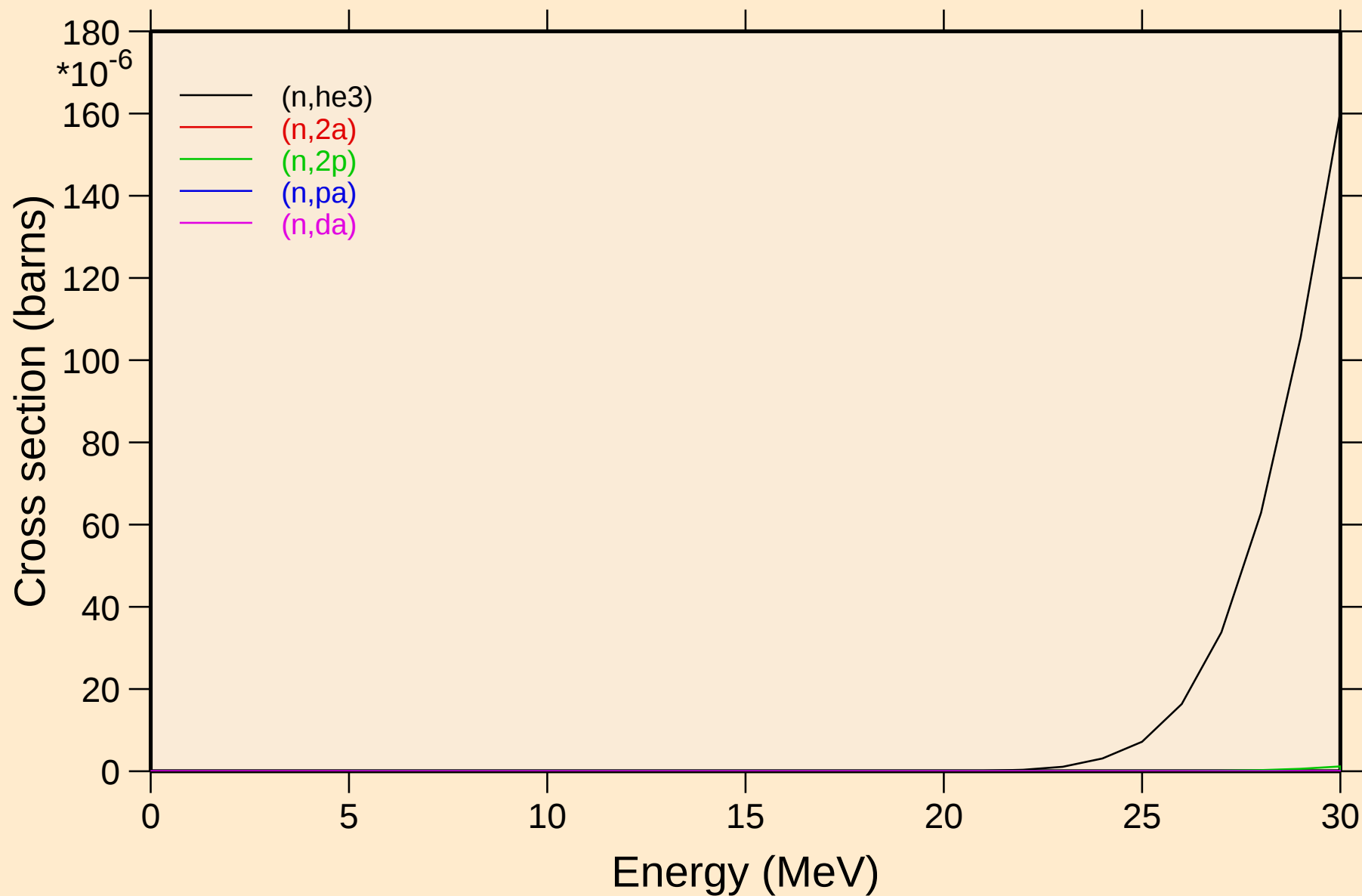
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



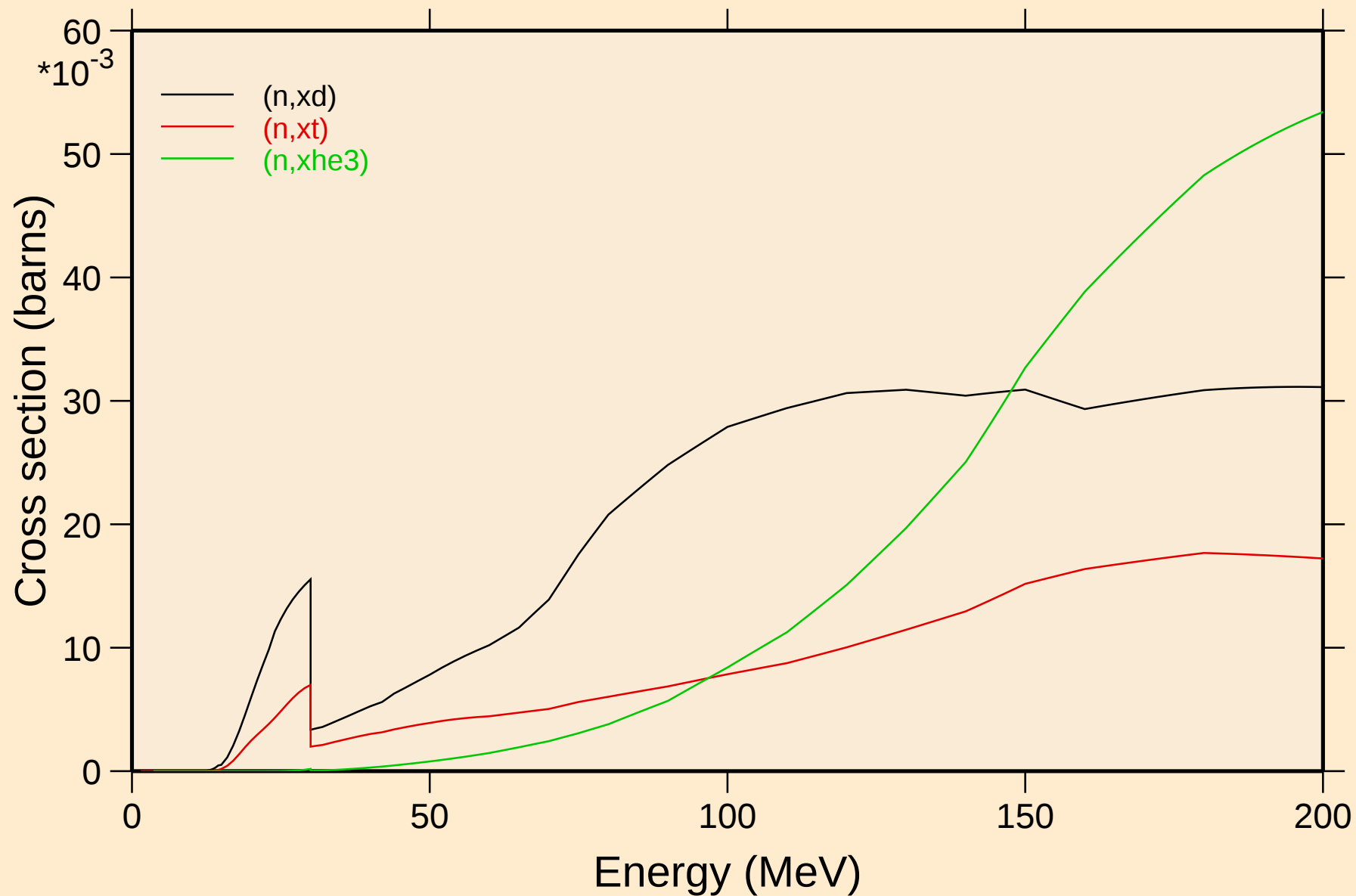
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



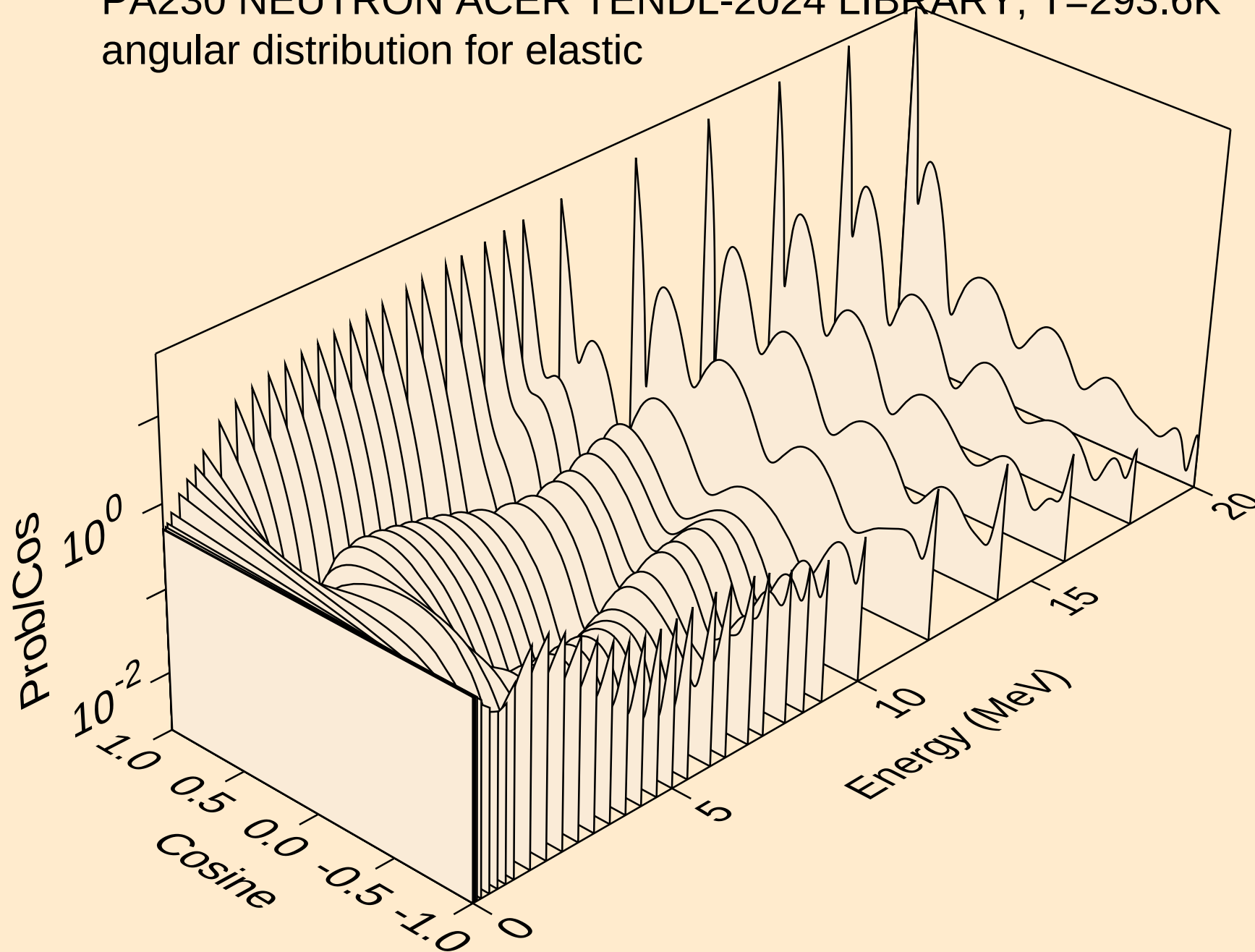
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



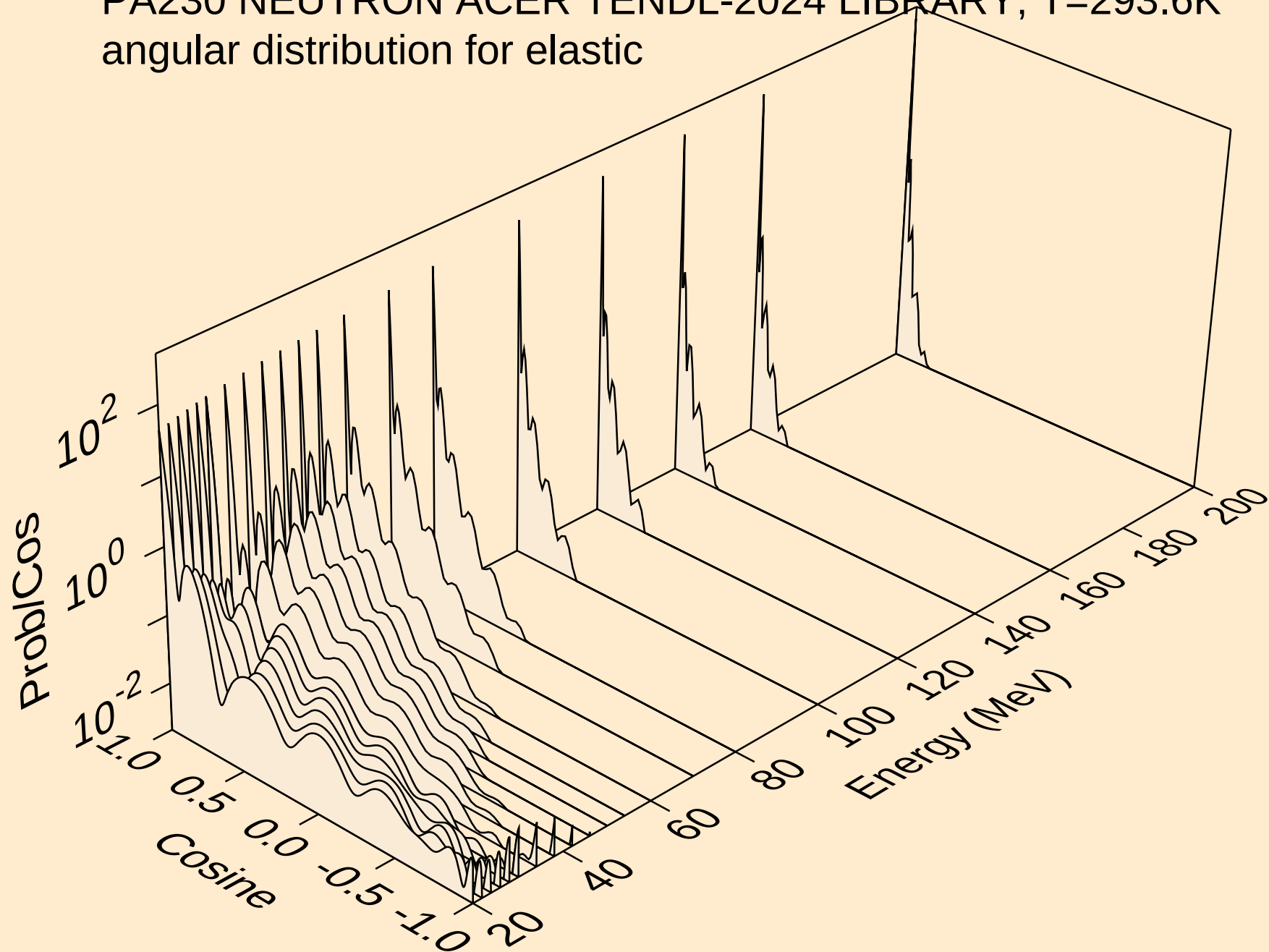
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



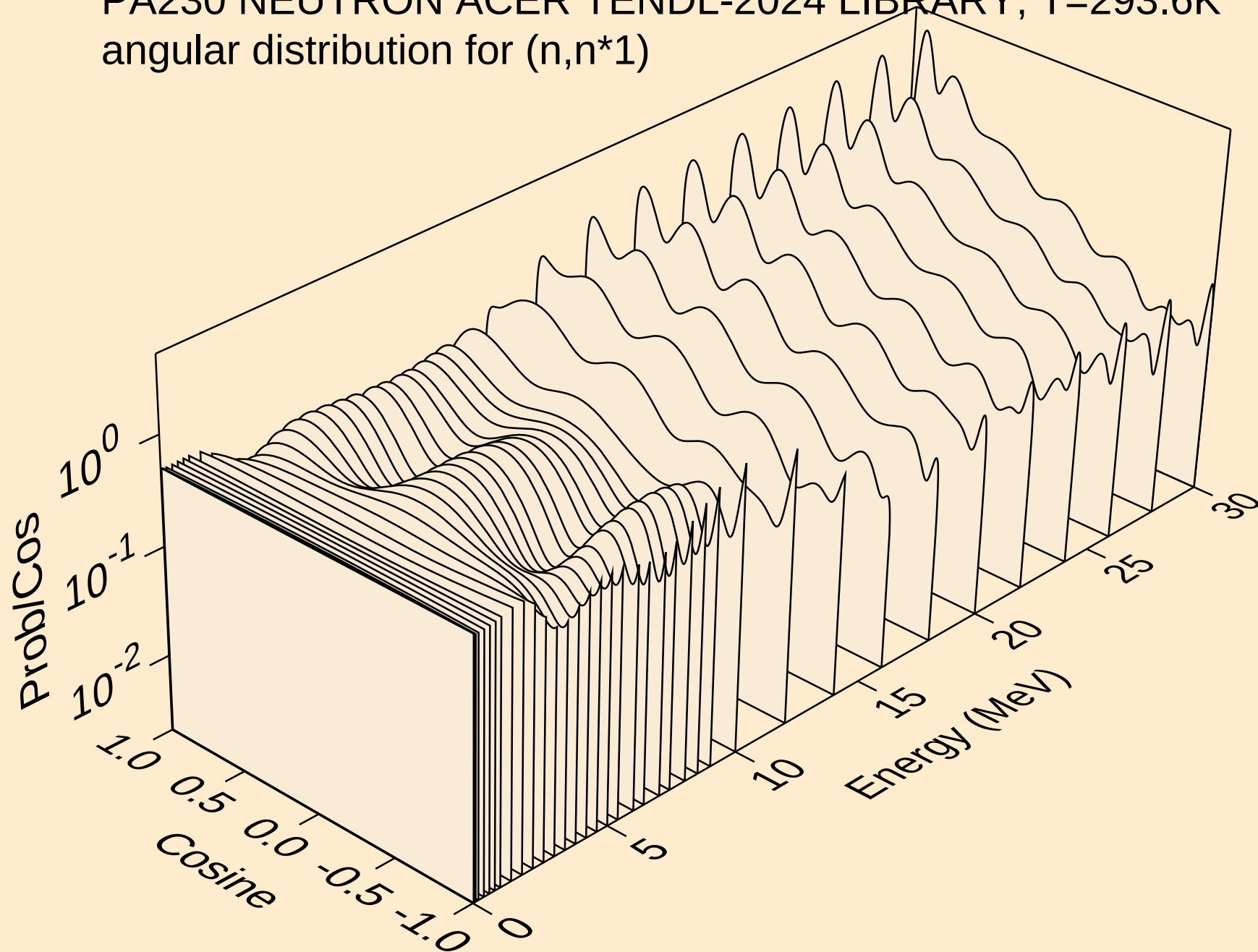
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



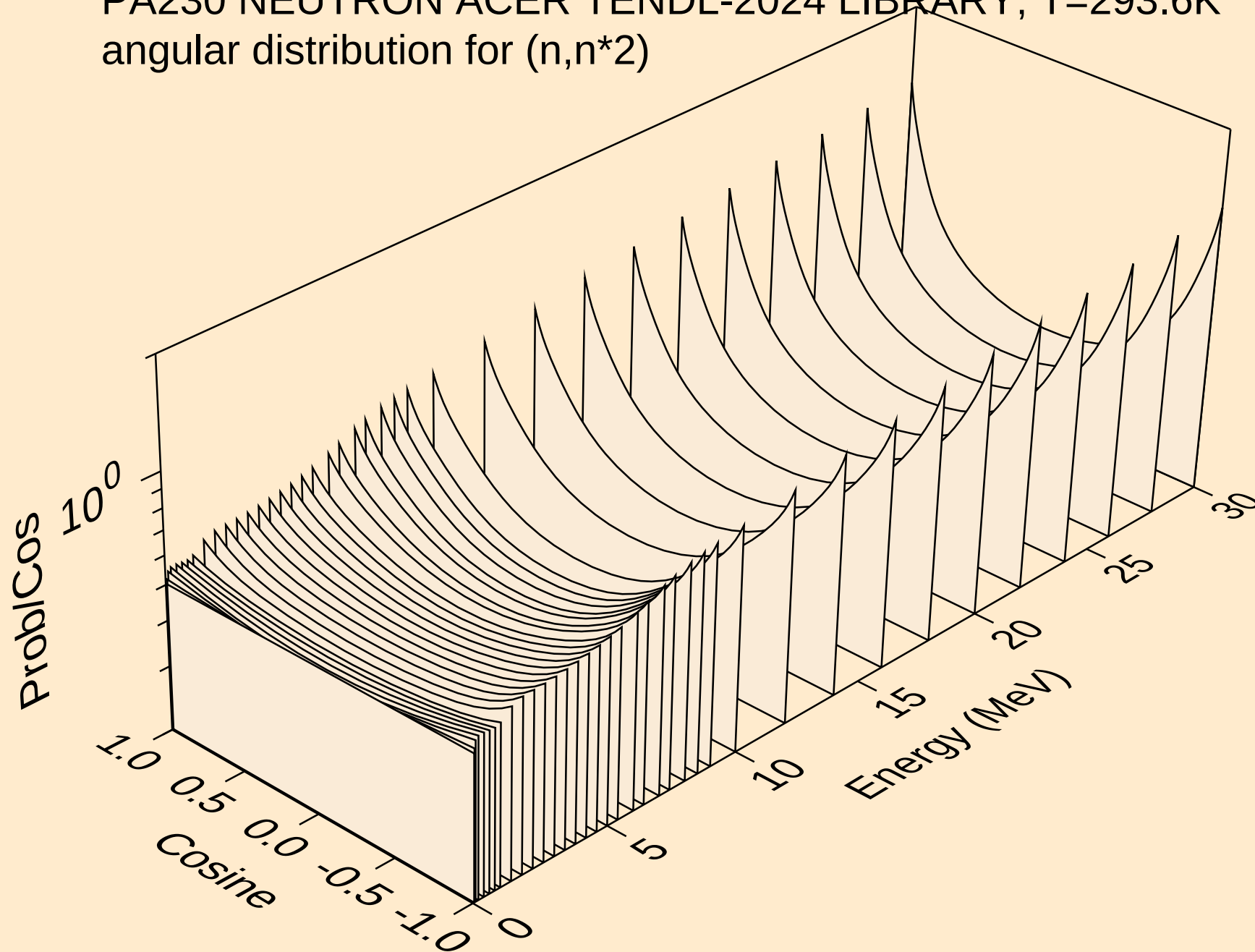
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



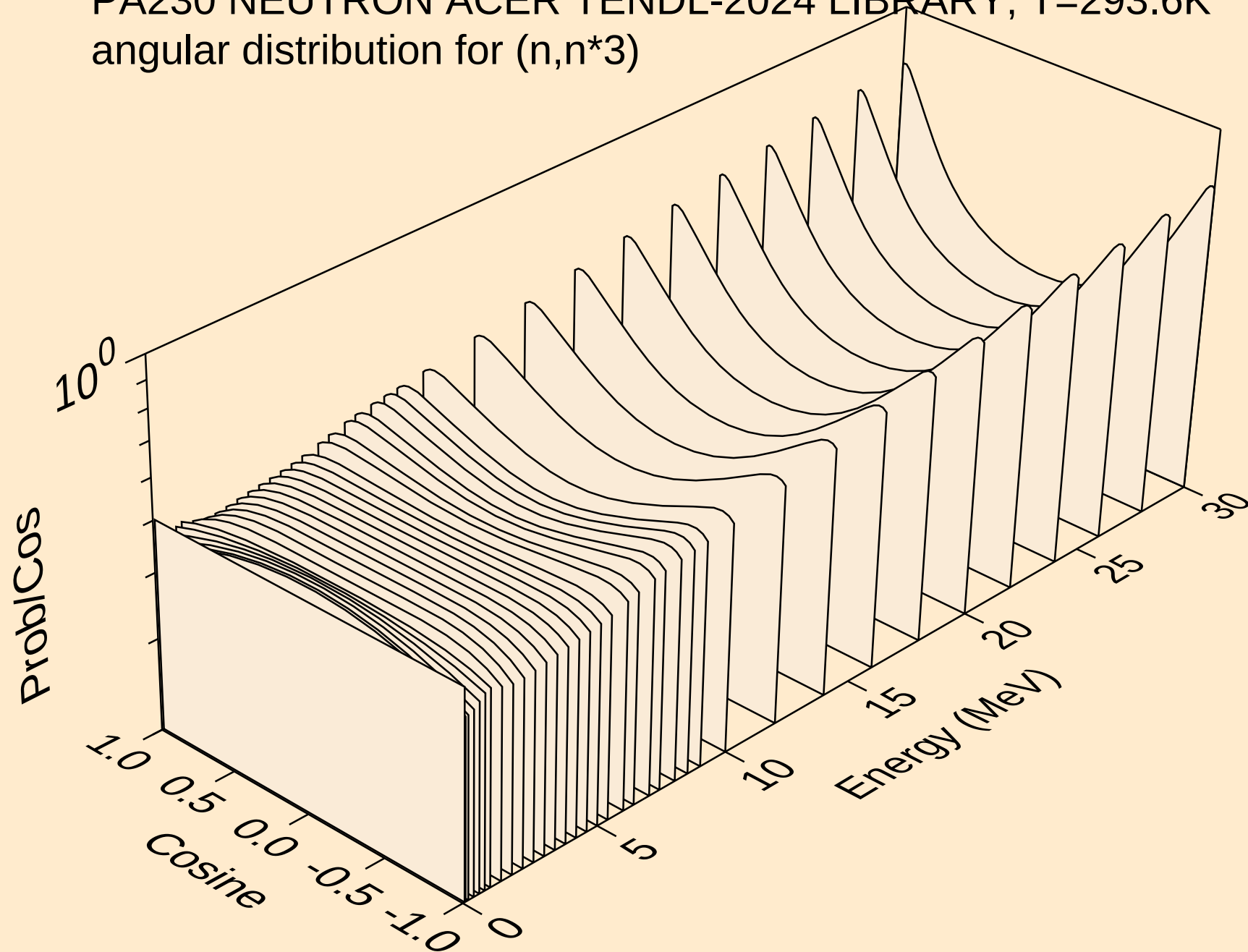
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



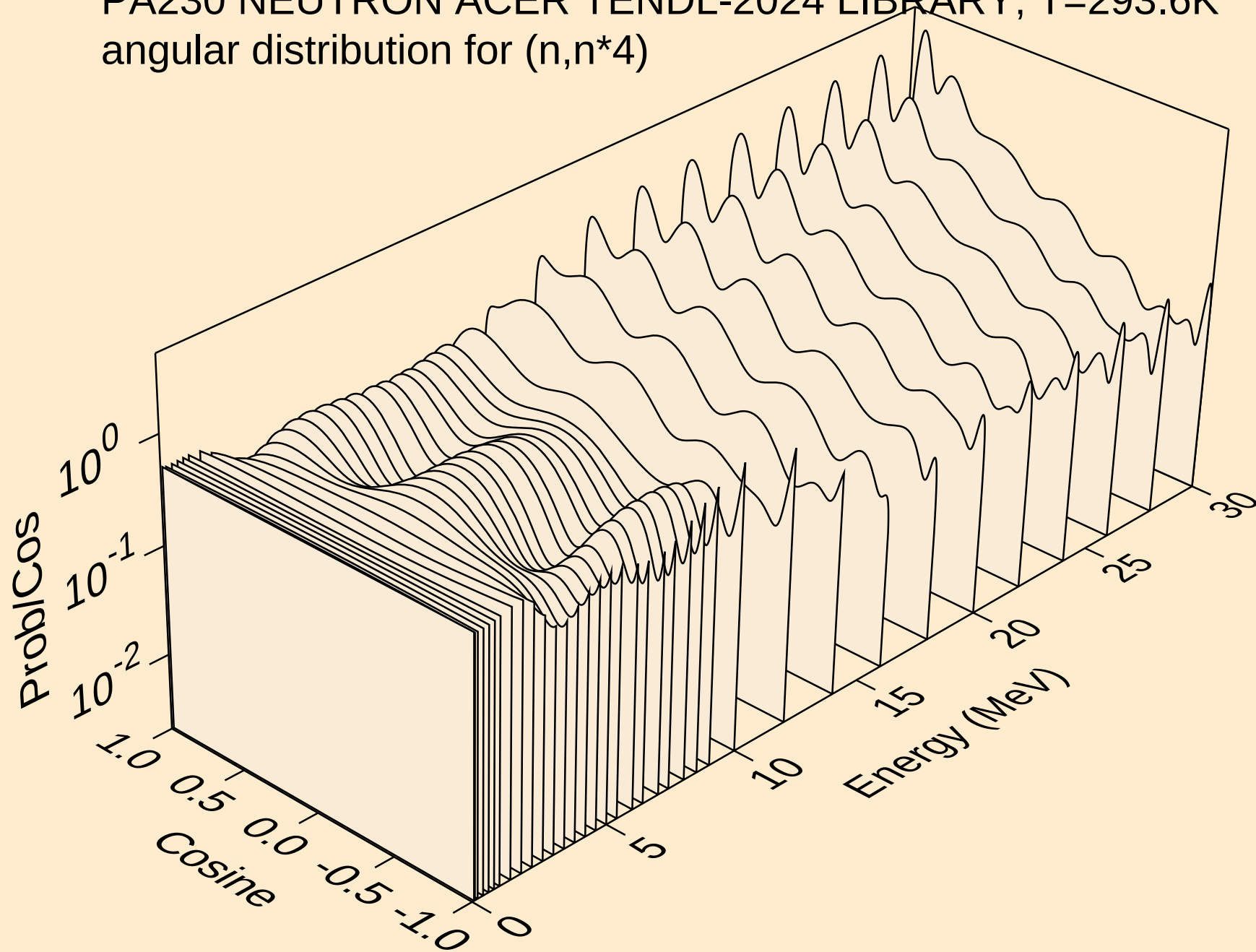
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



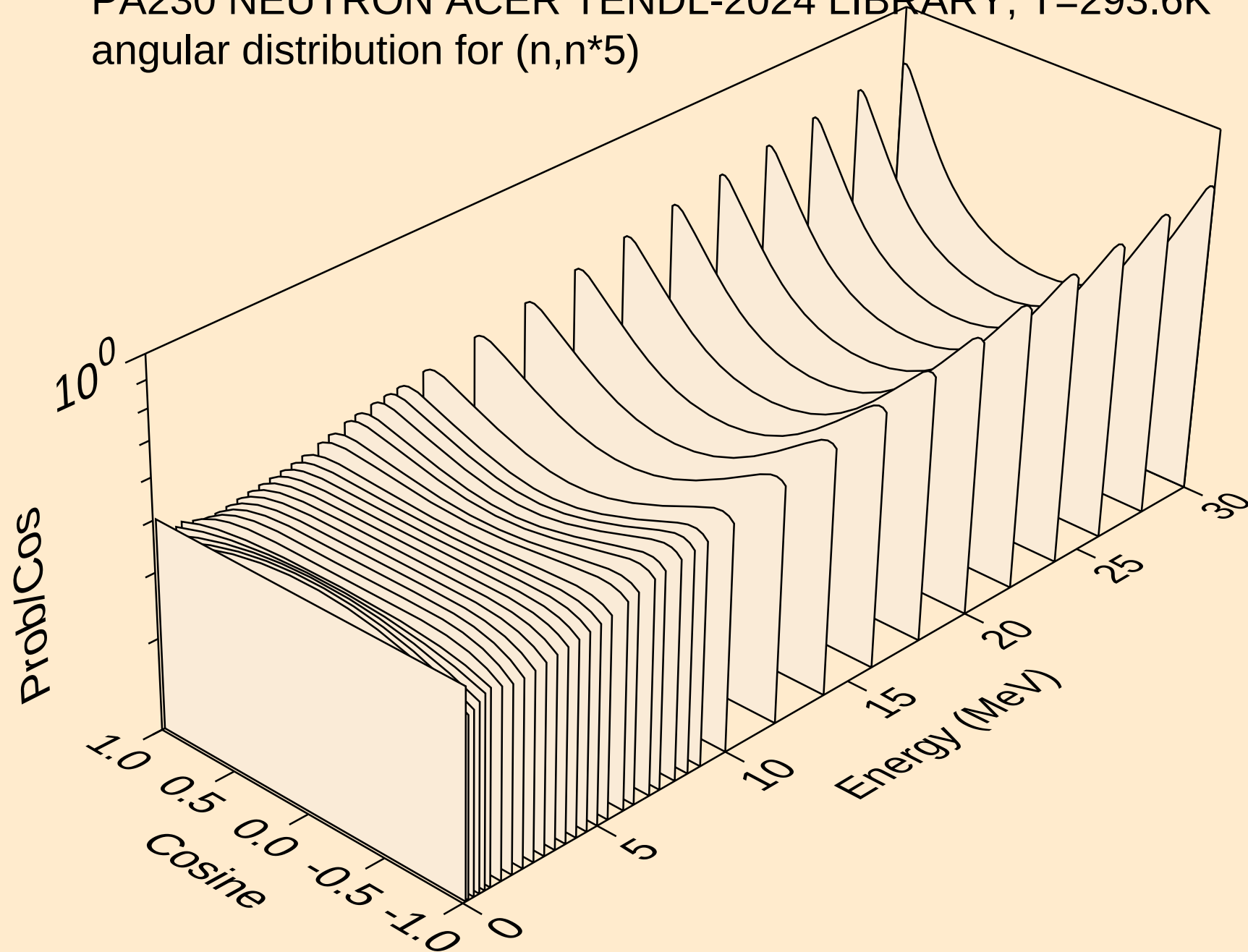
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



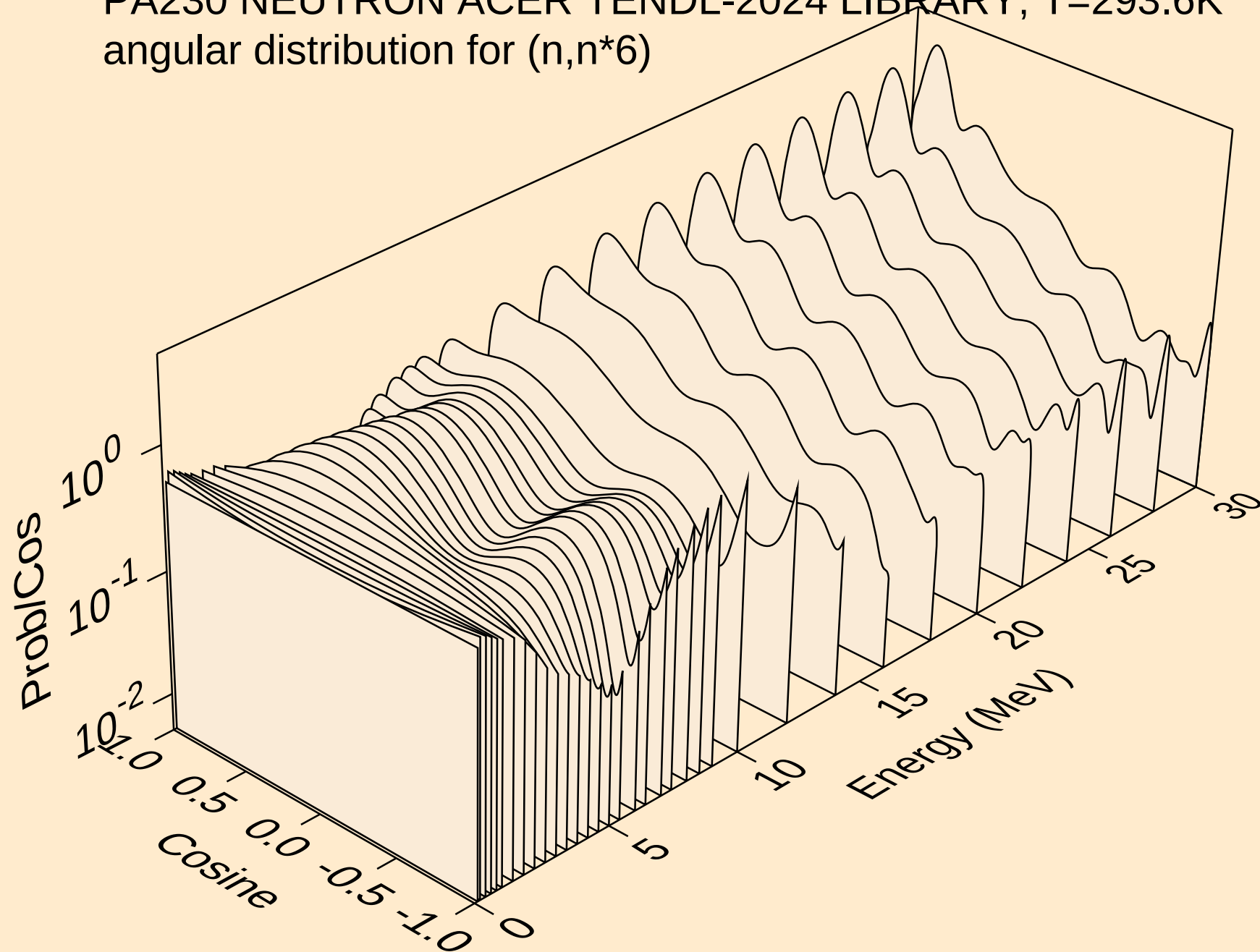
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



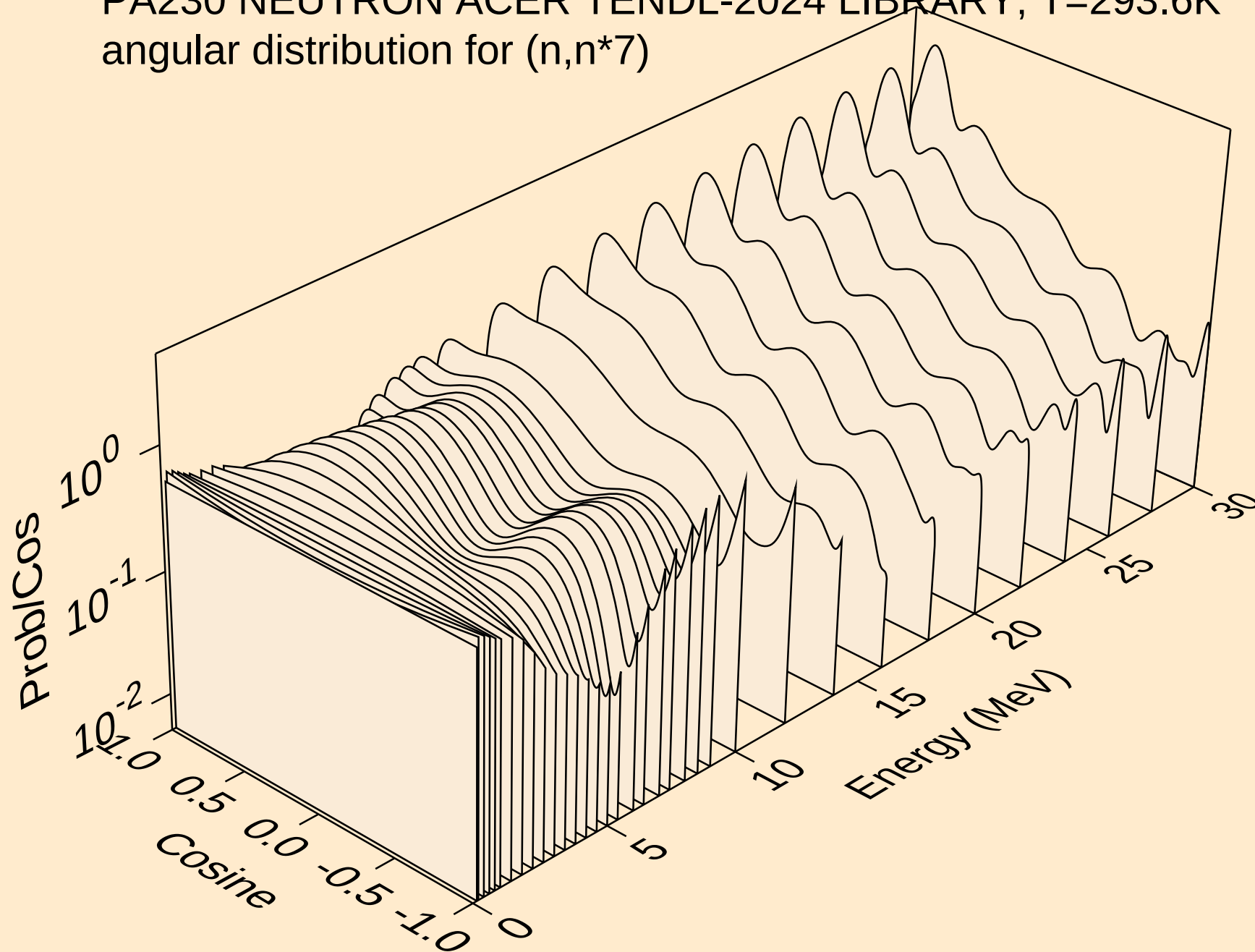
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



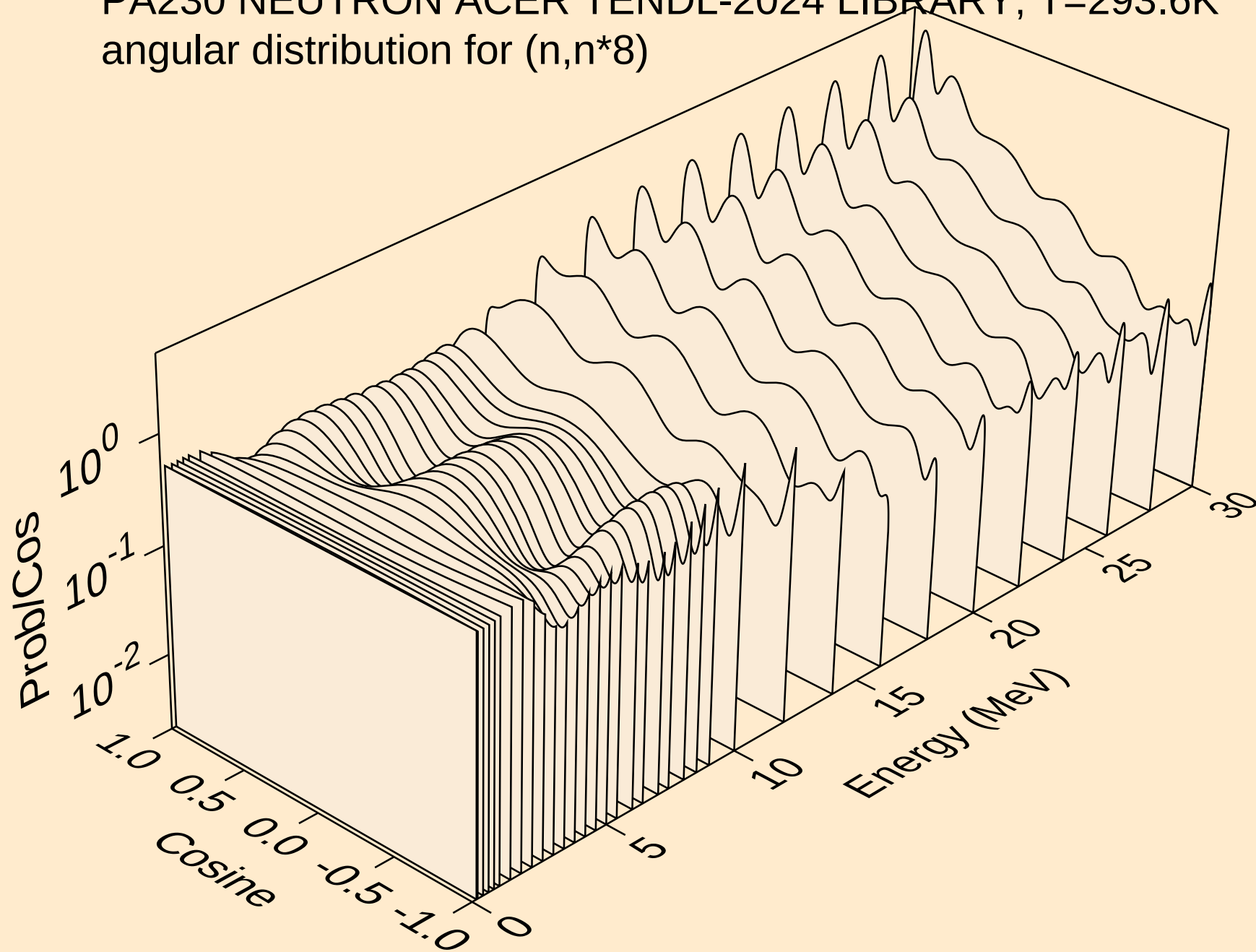
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



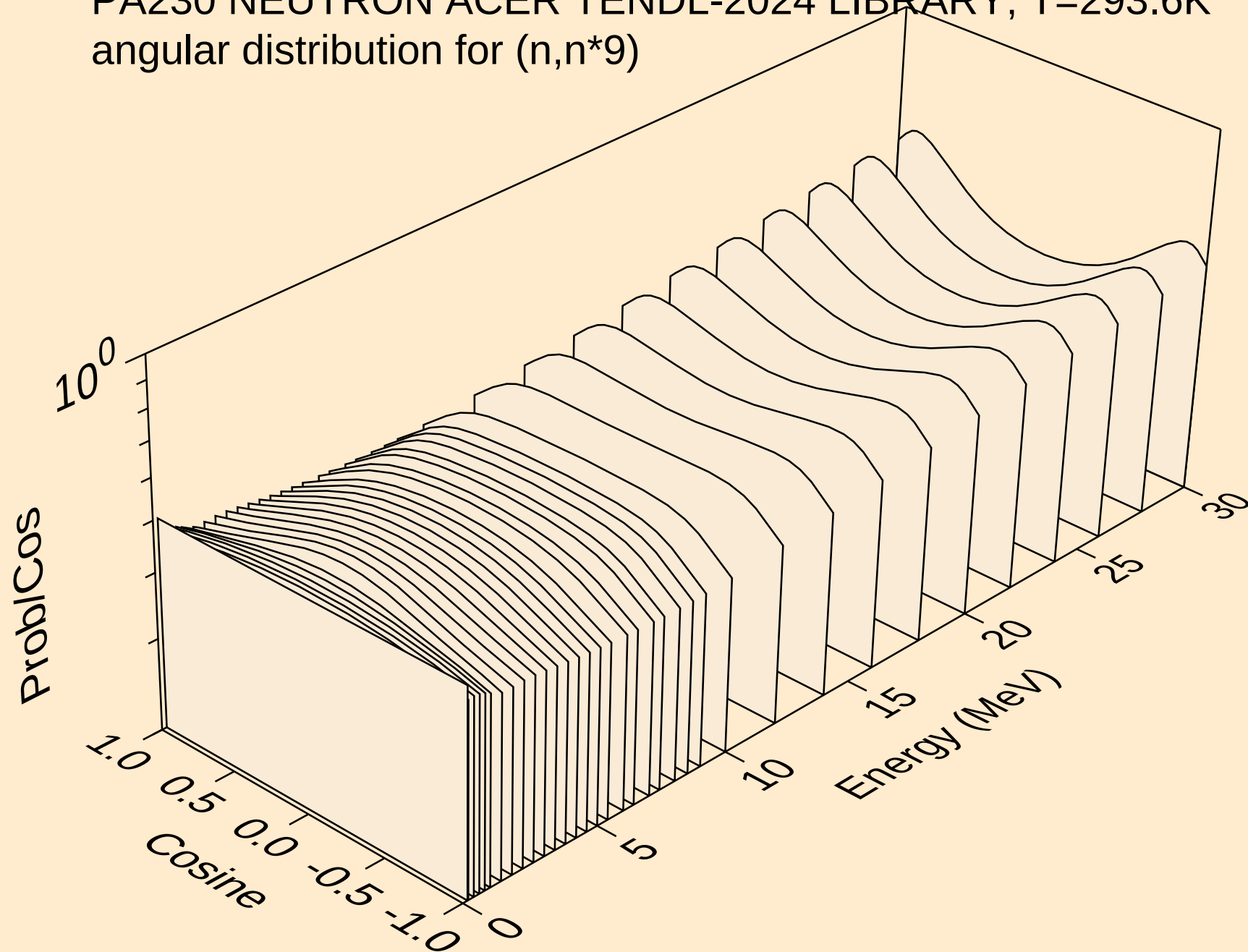
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angular distribution for (n,n*7)



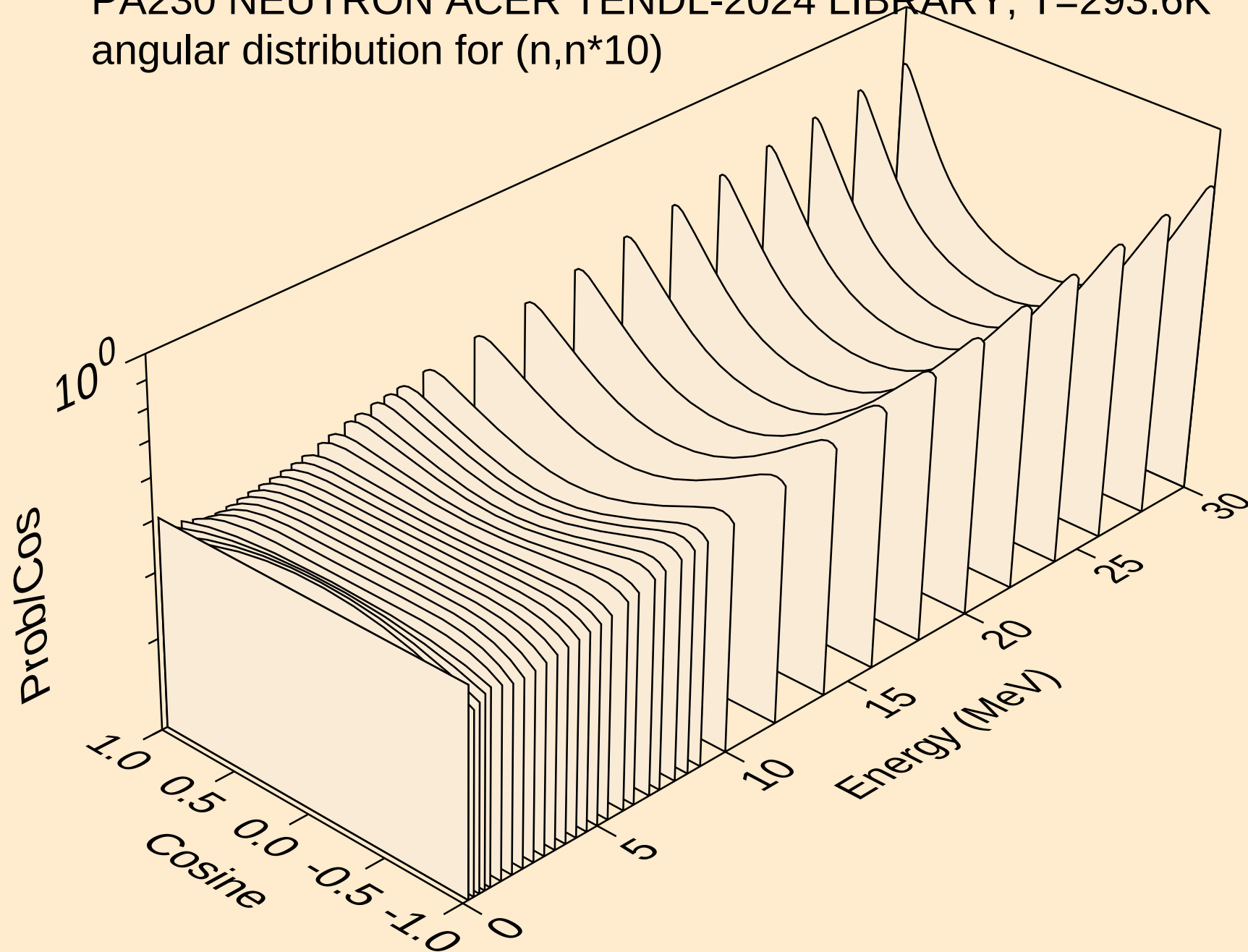
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angular distribution for (n,n*8)



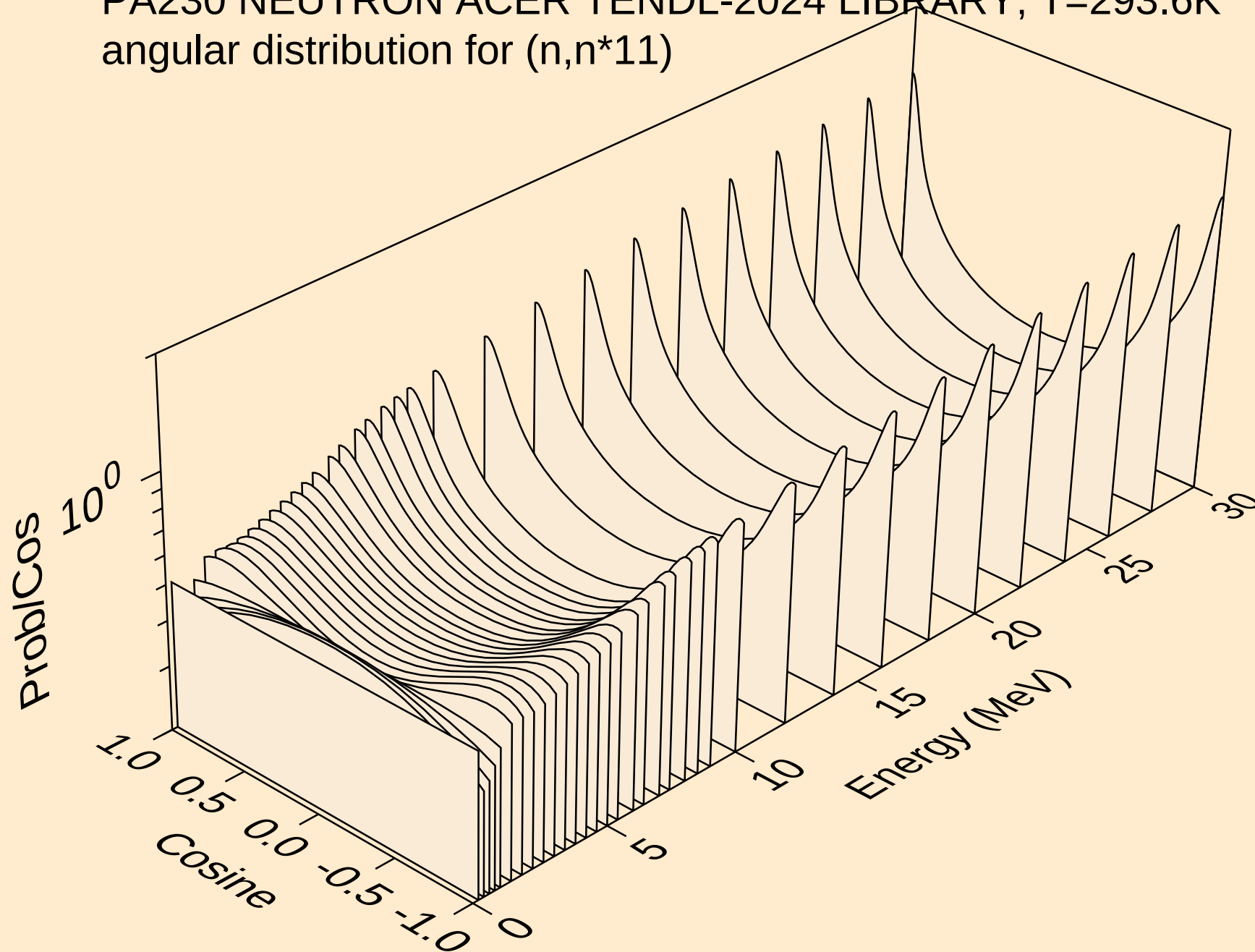
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angular distribution for (n,n*9)



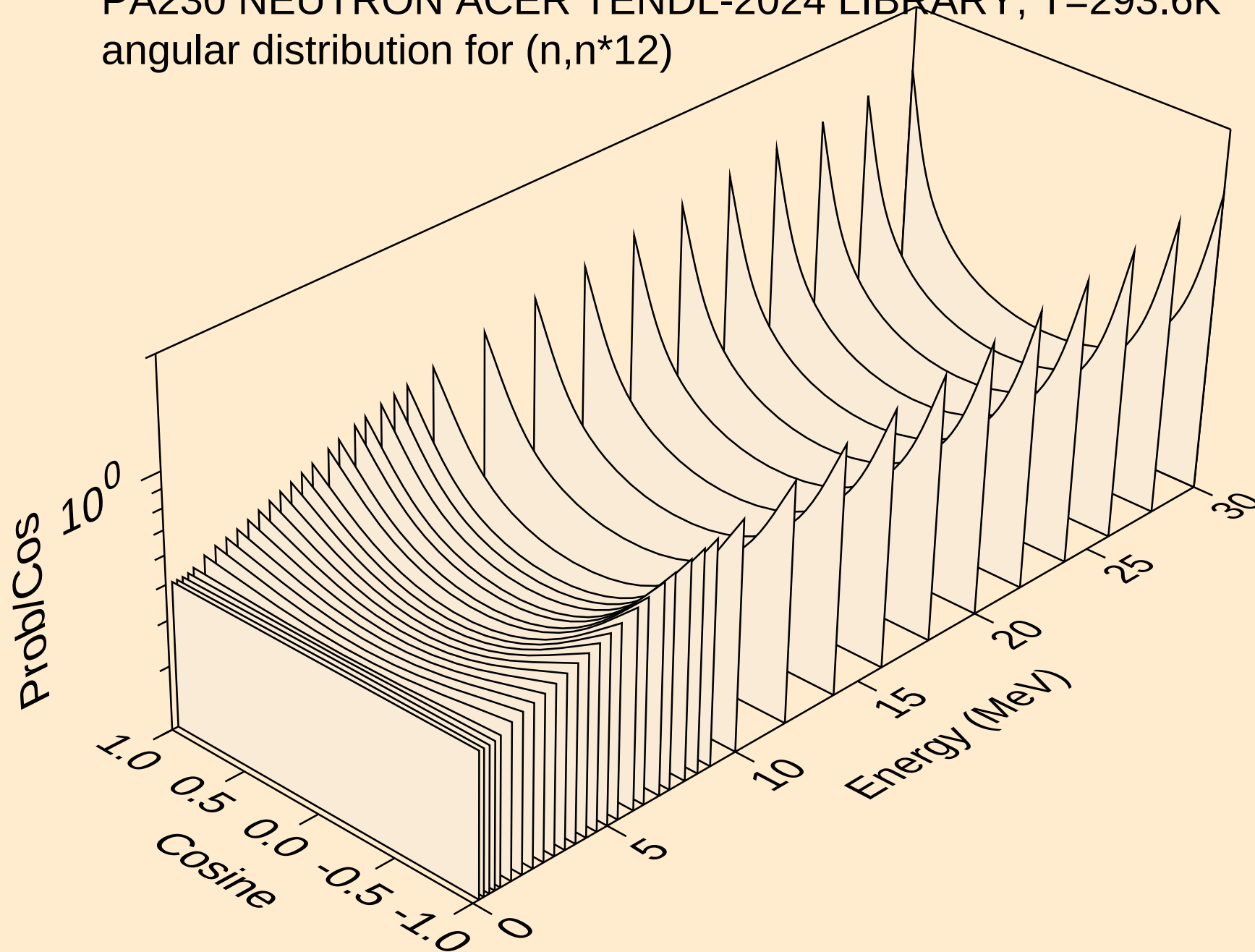
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



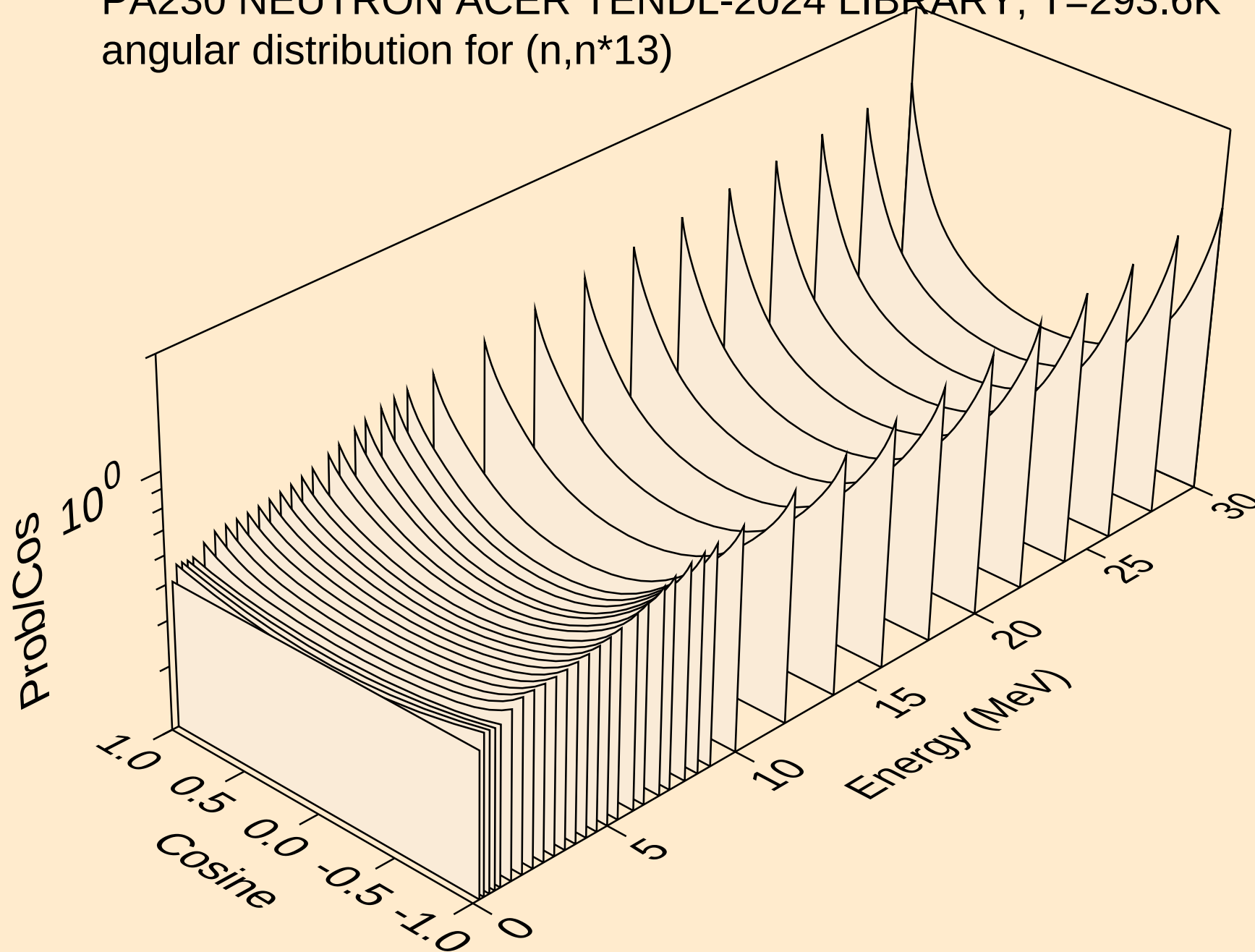
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angular distribution for (n,n*11)



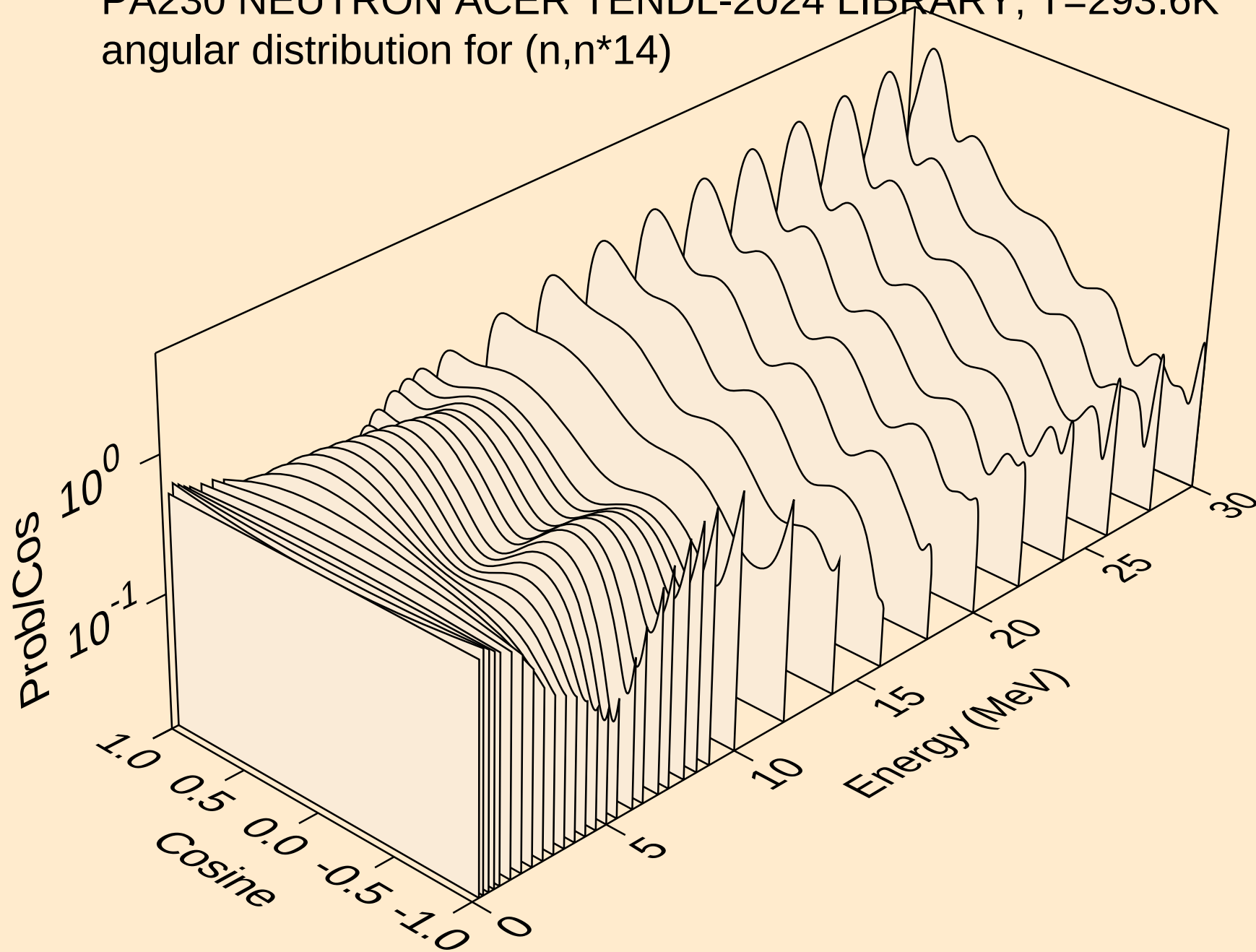
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angular distribution for (n,n*12)



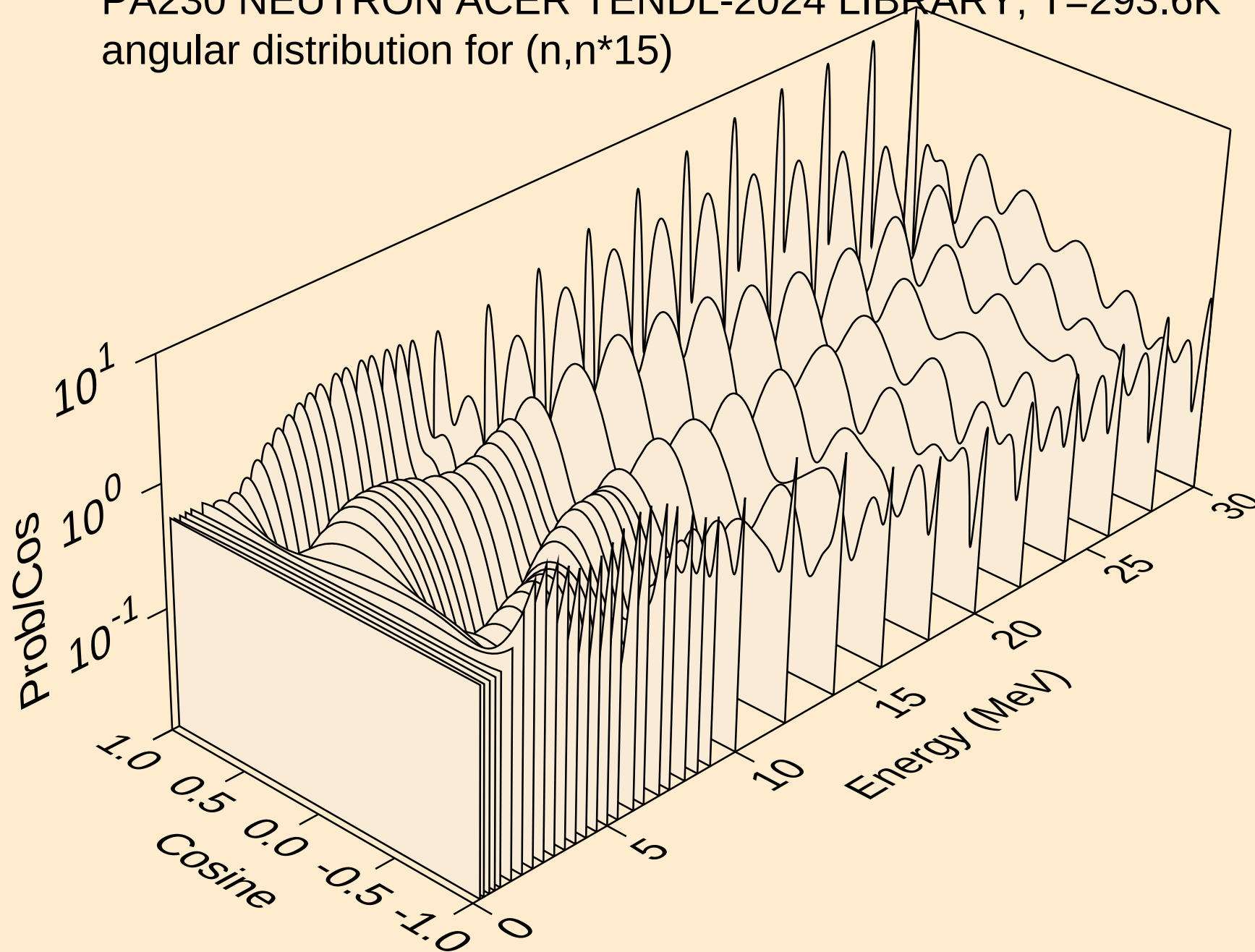
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angular distribution for (n,n*13)



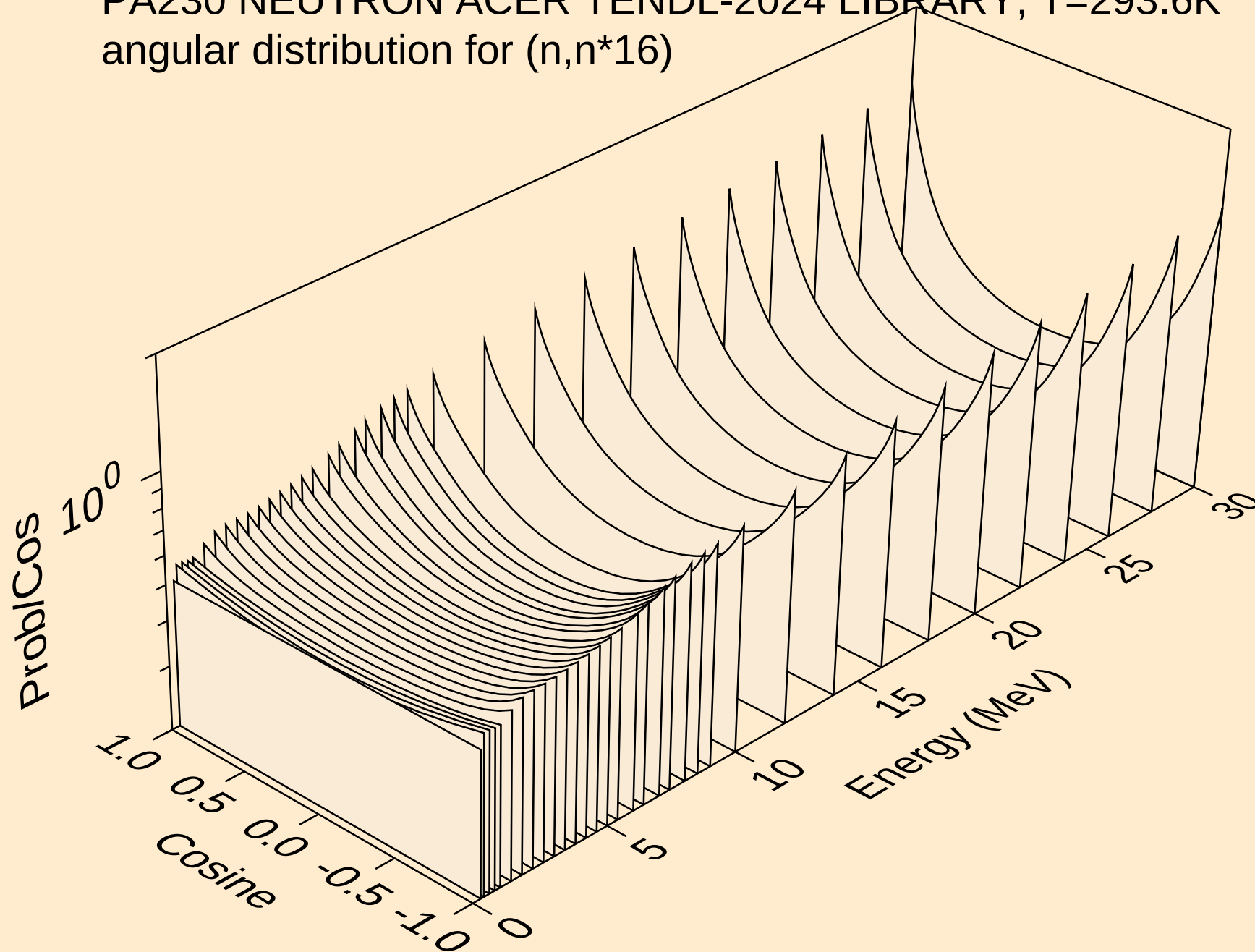
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angular distribution for (n,n*14)



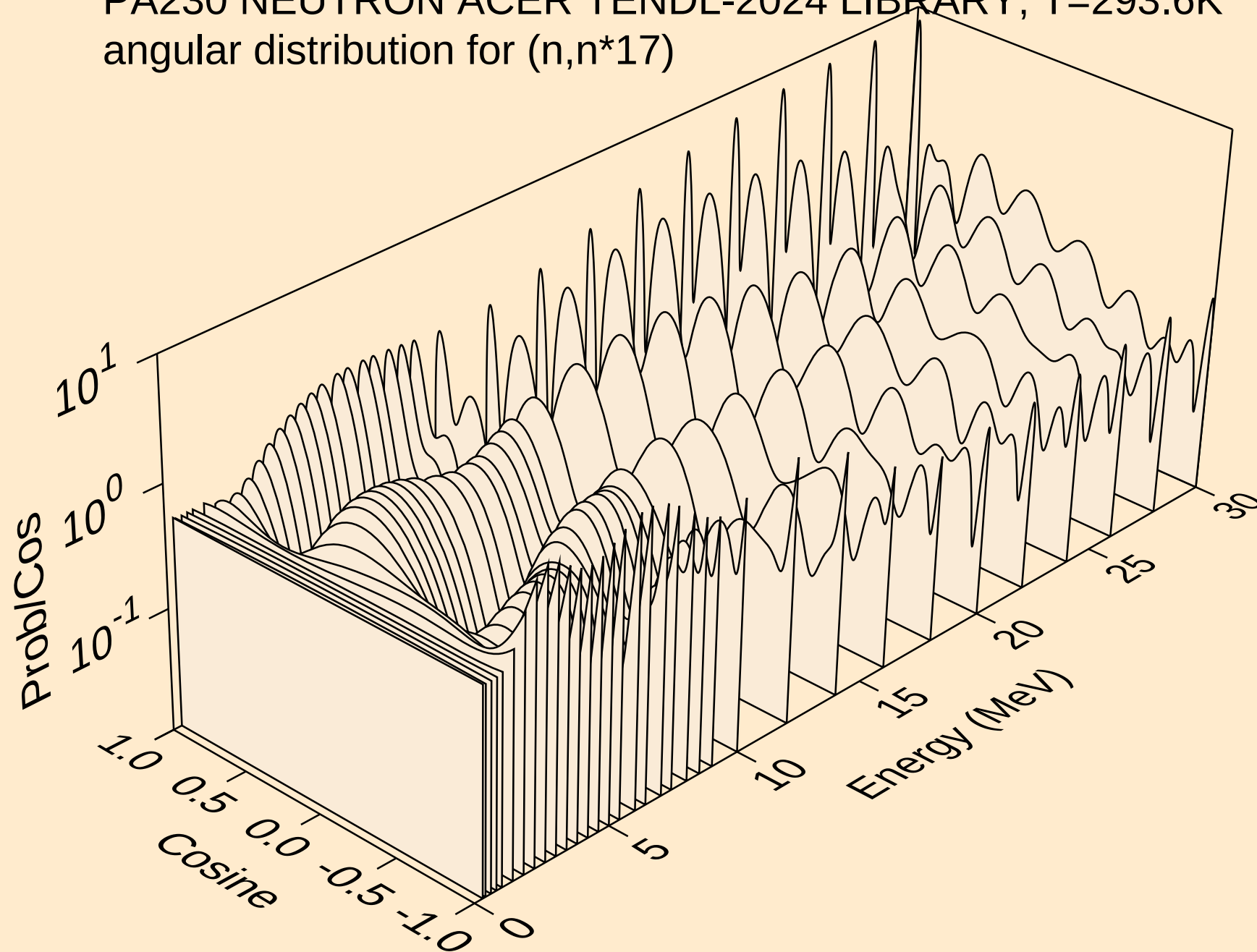
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angular distribution for (n,n*15)



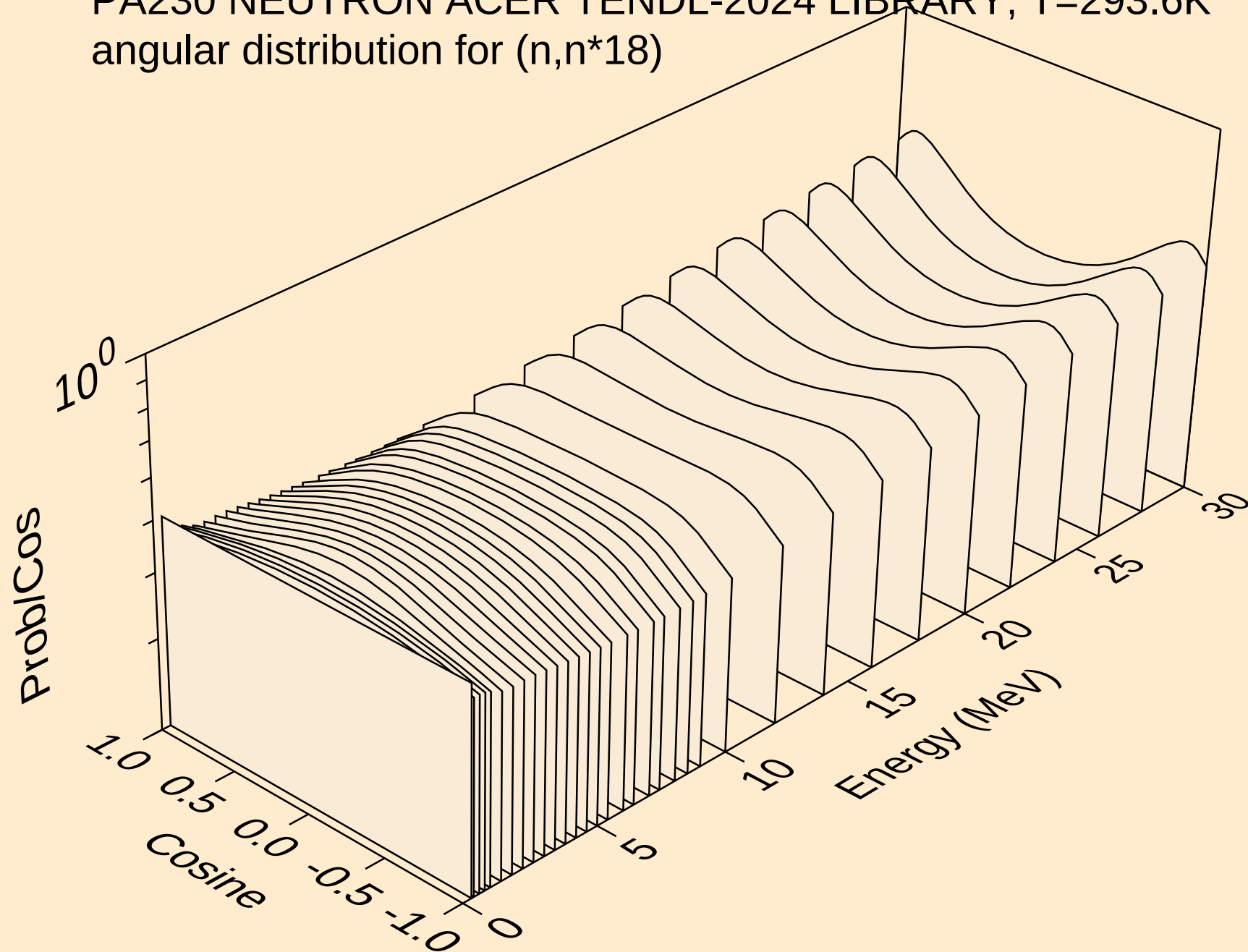
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angular distribution for (n,n*16)



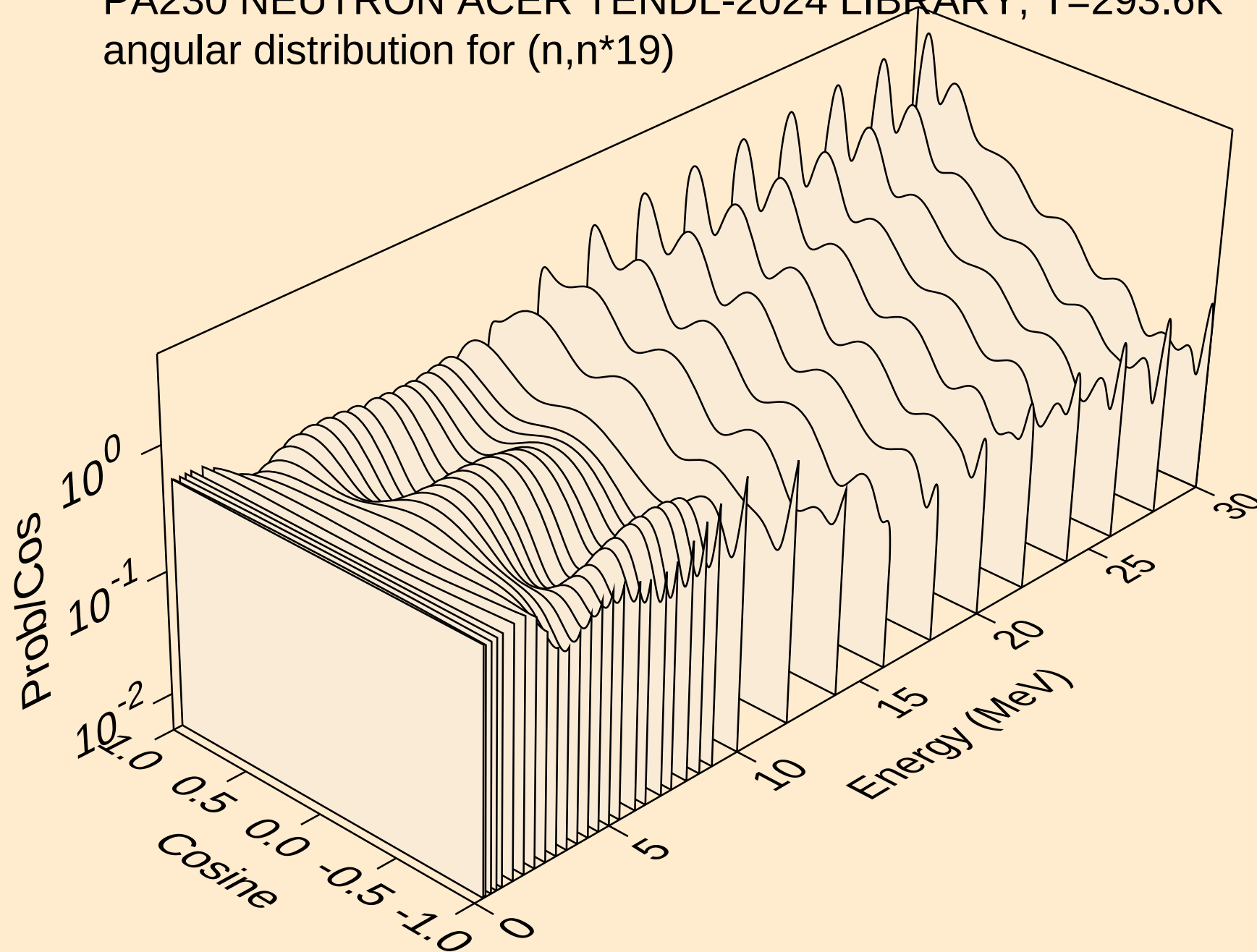
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)

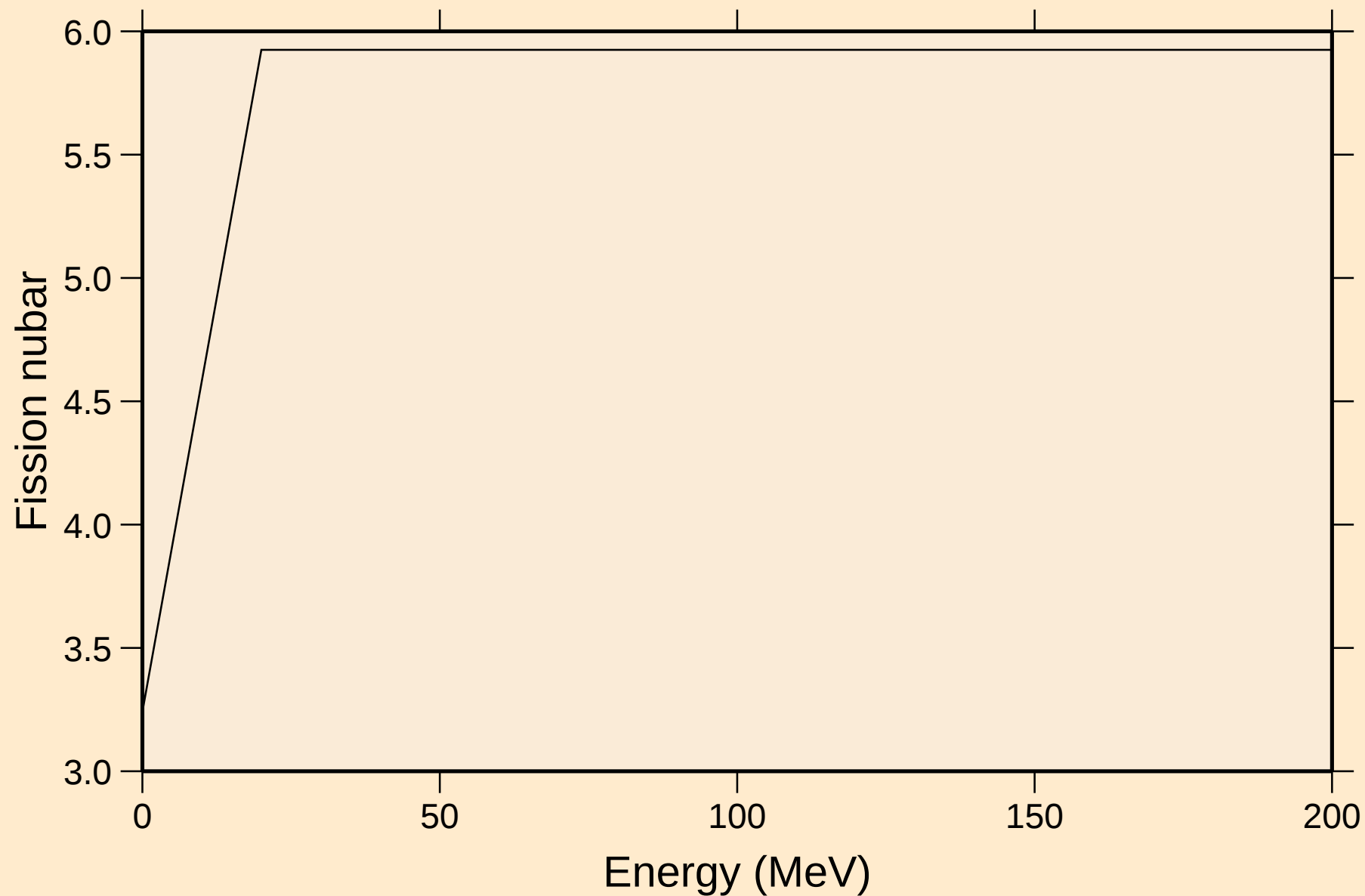


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)

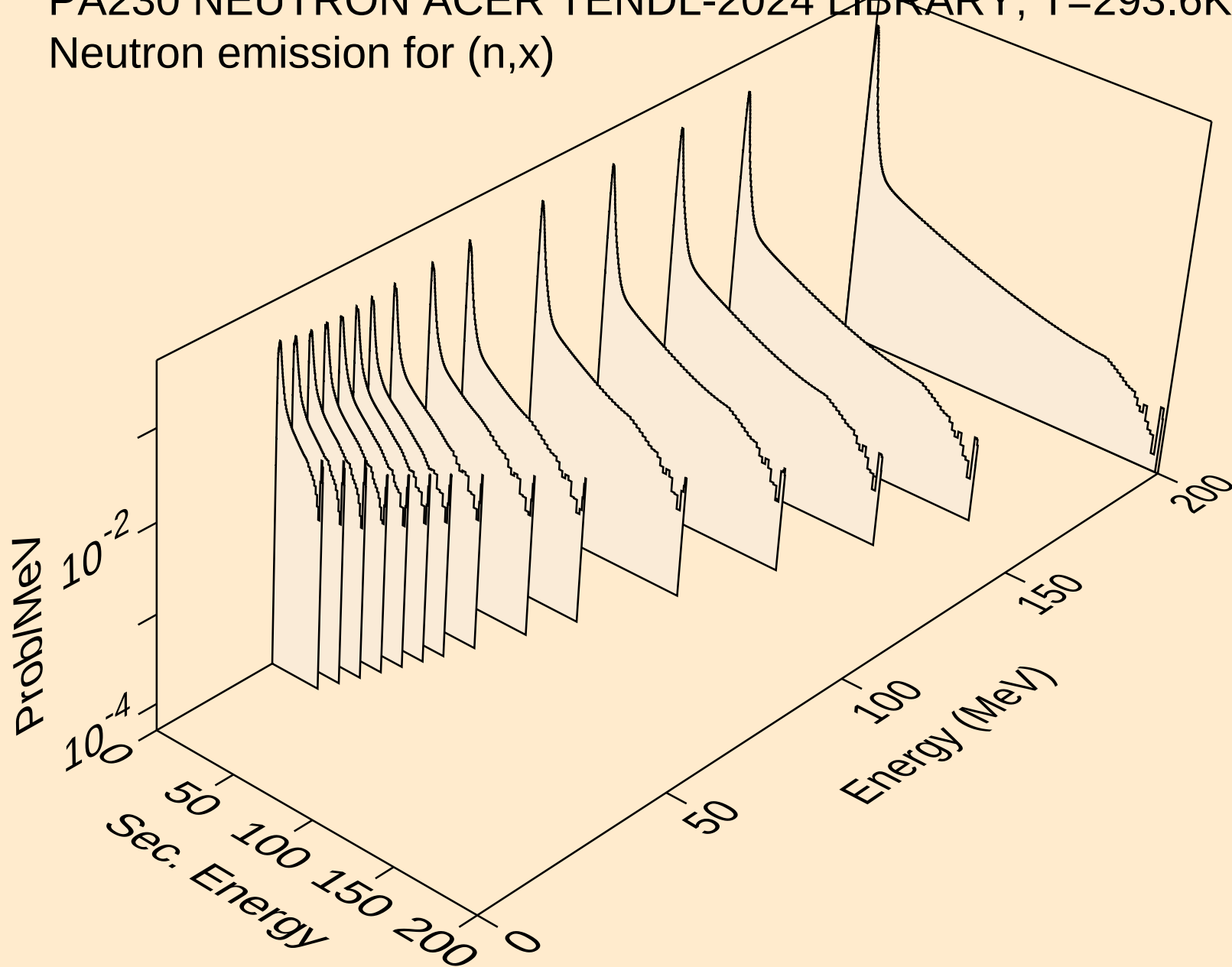


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

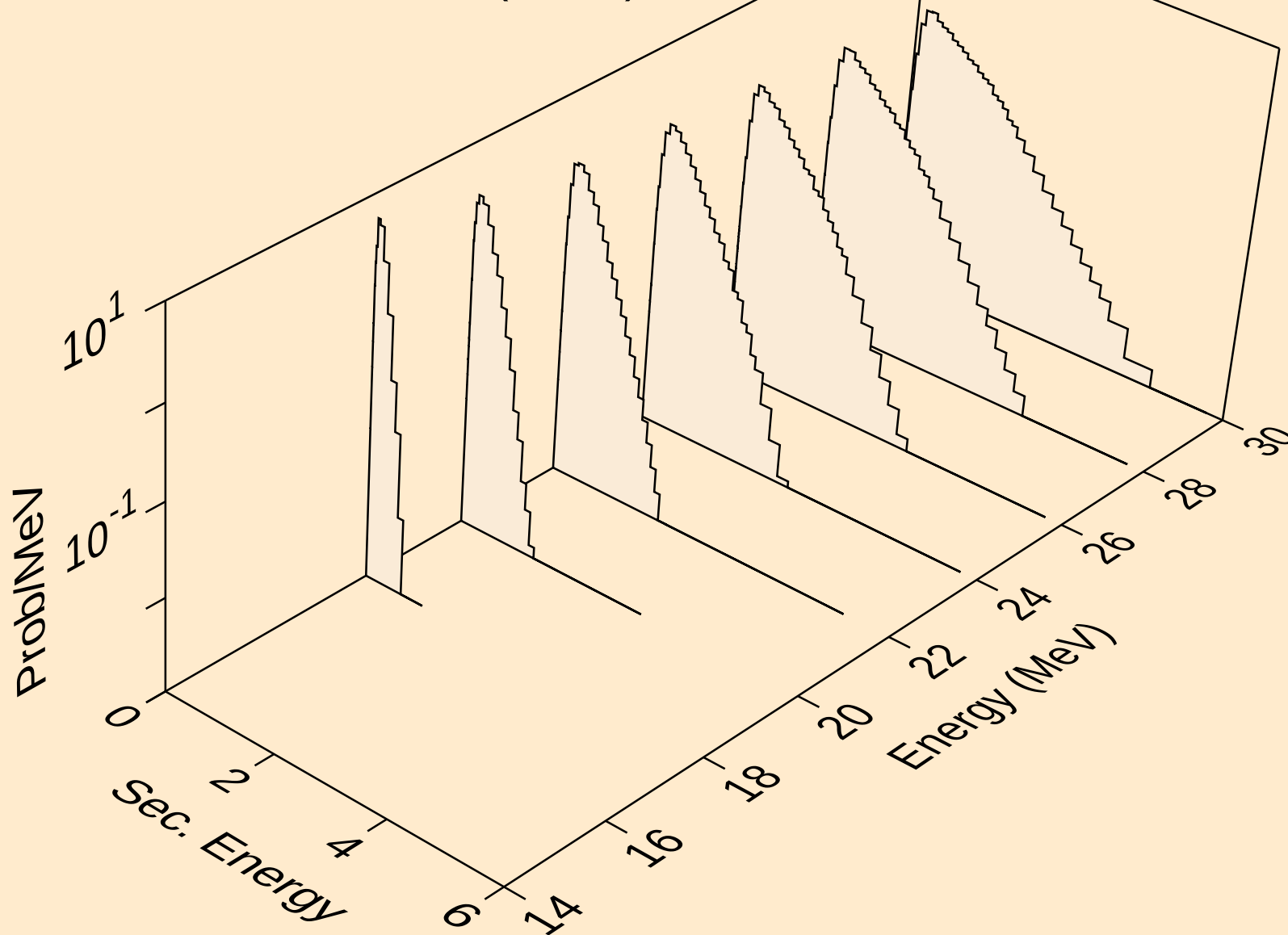
Total fission nubar



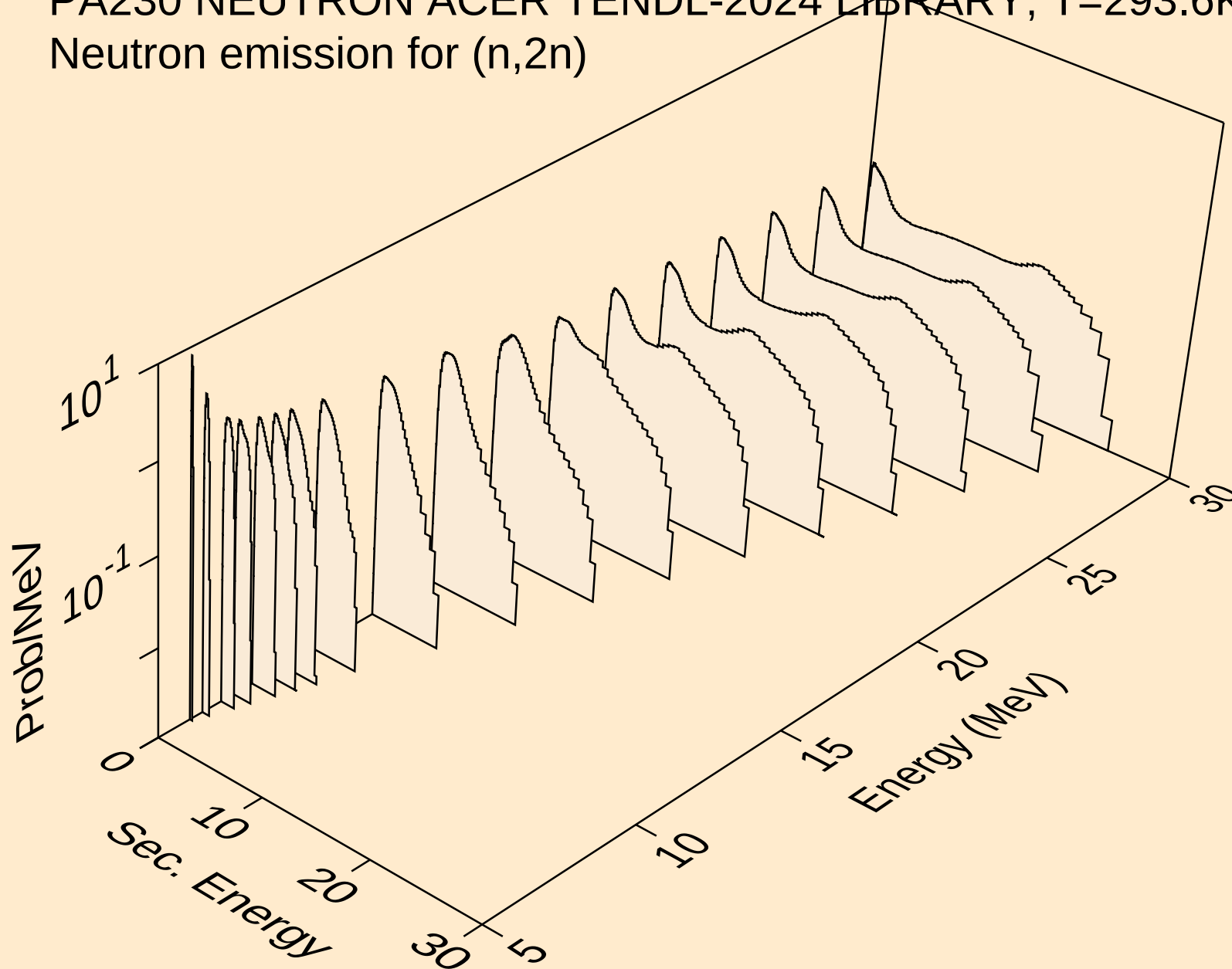
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



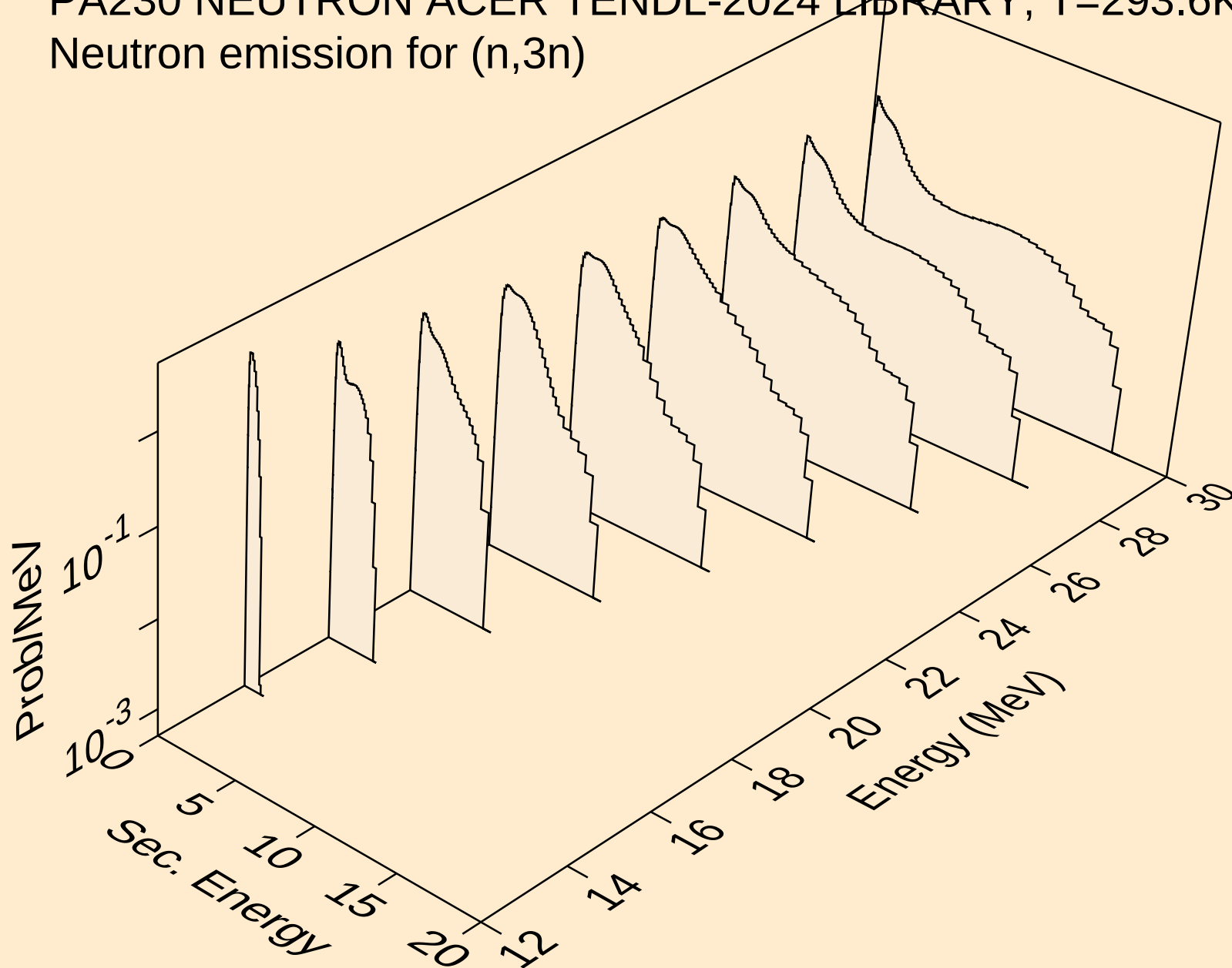
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



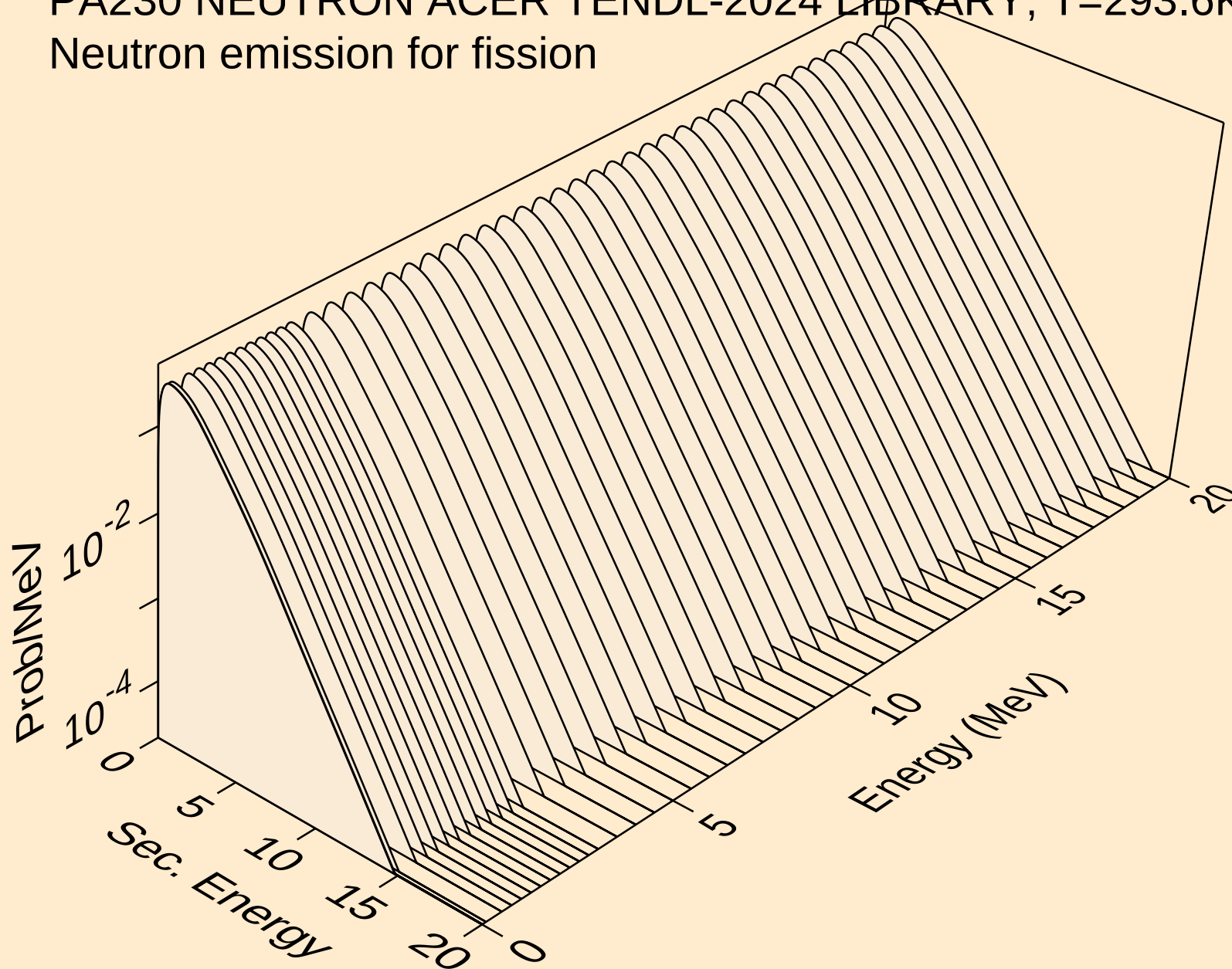
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



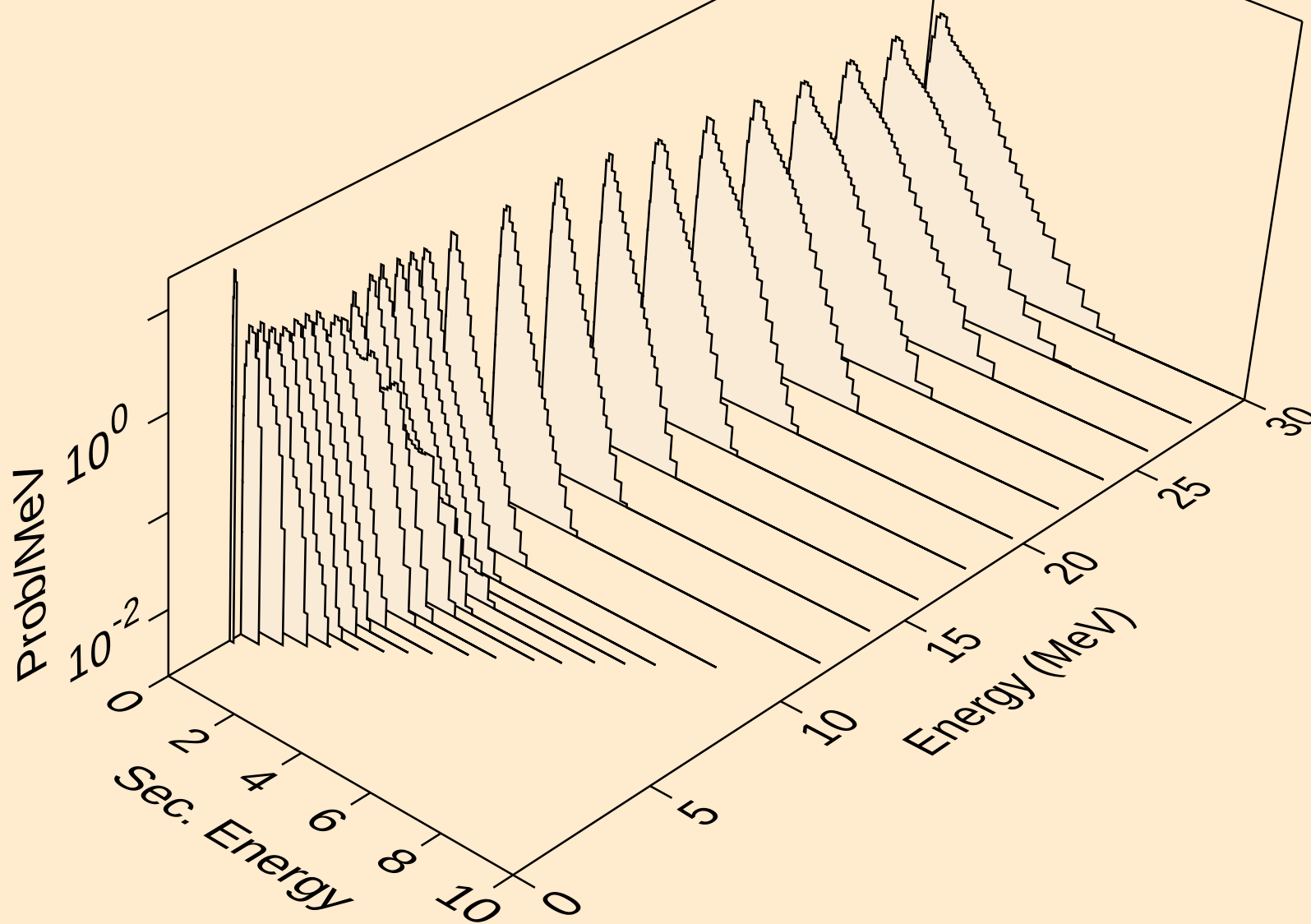
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



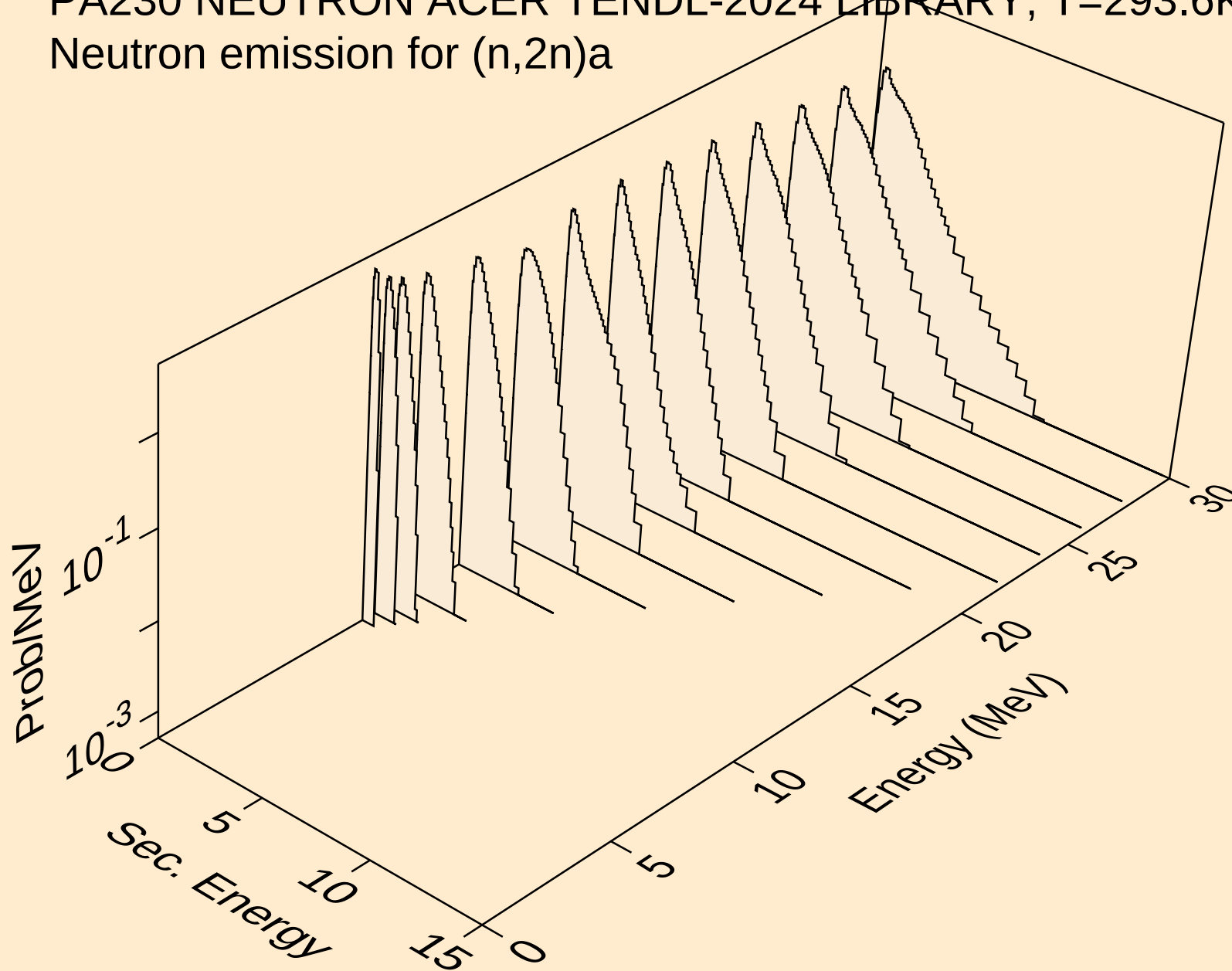
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for fission



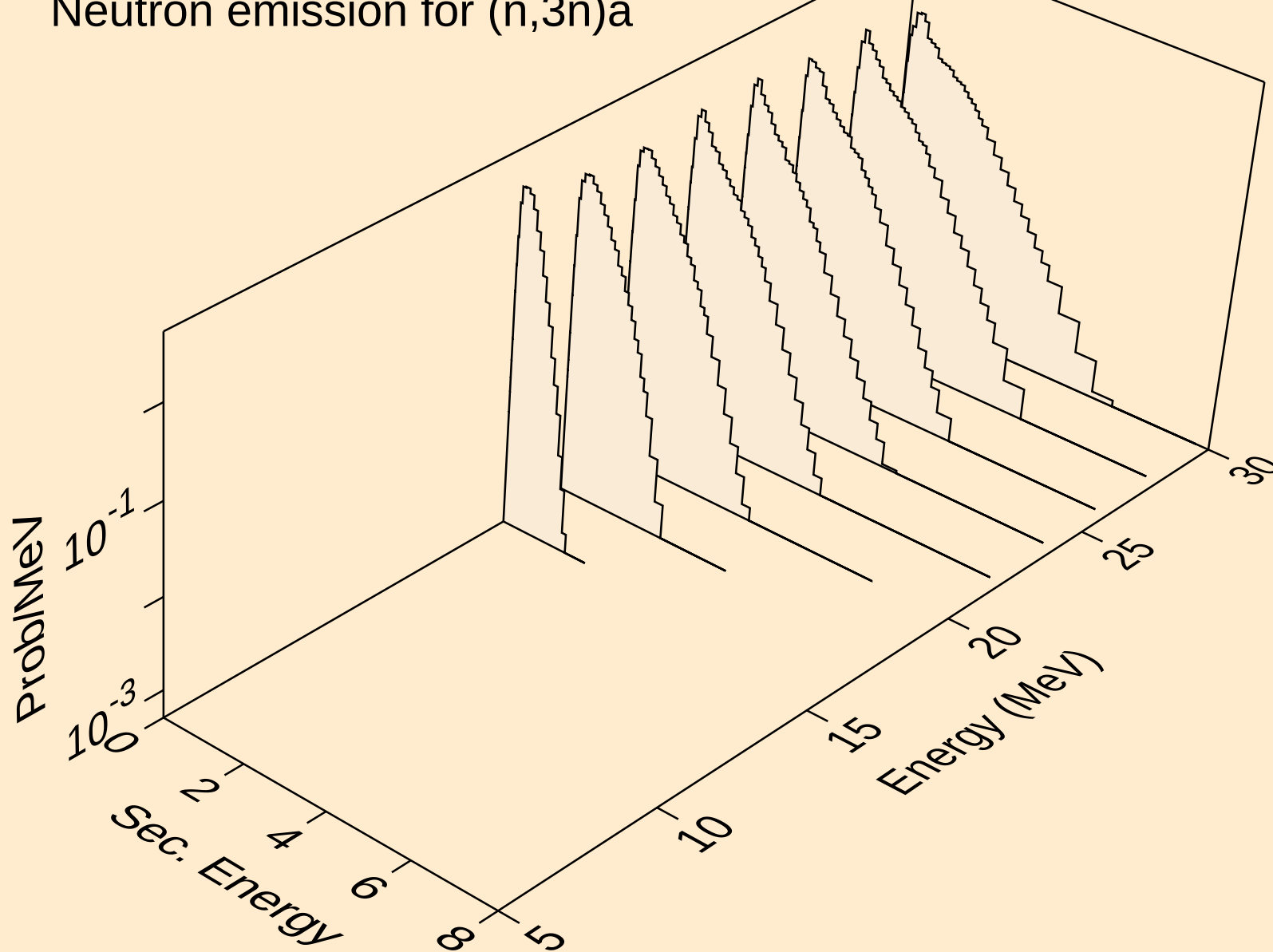
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



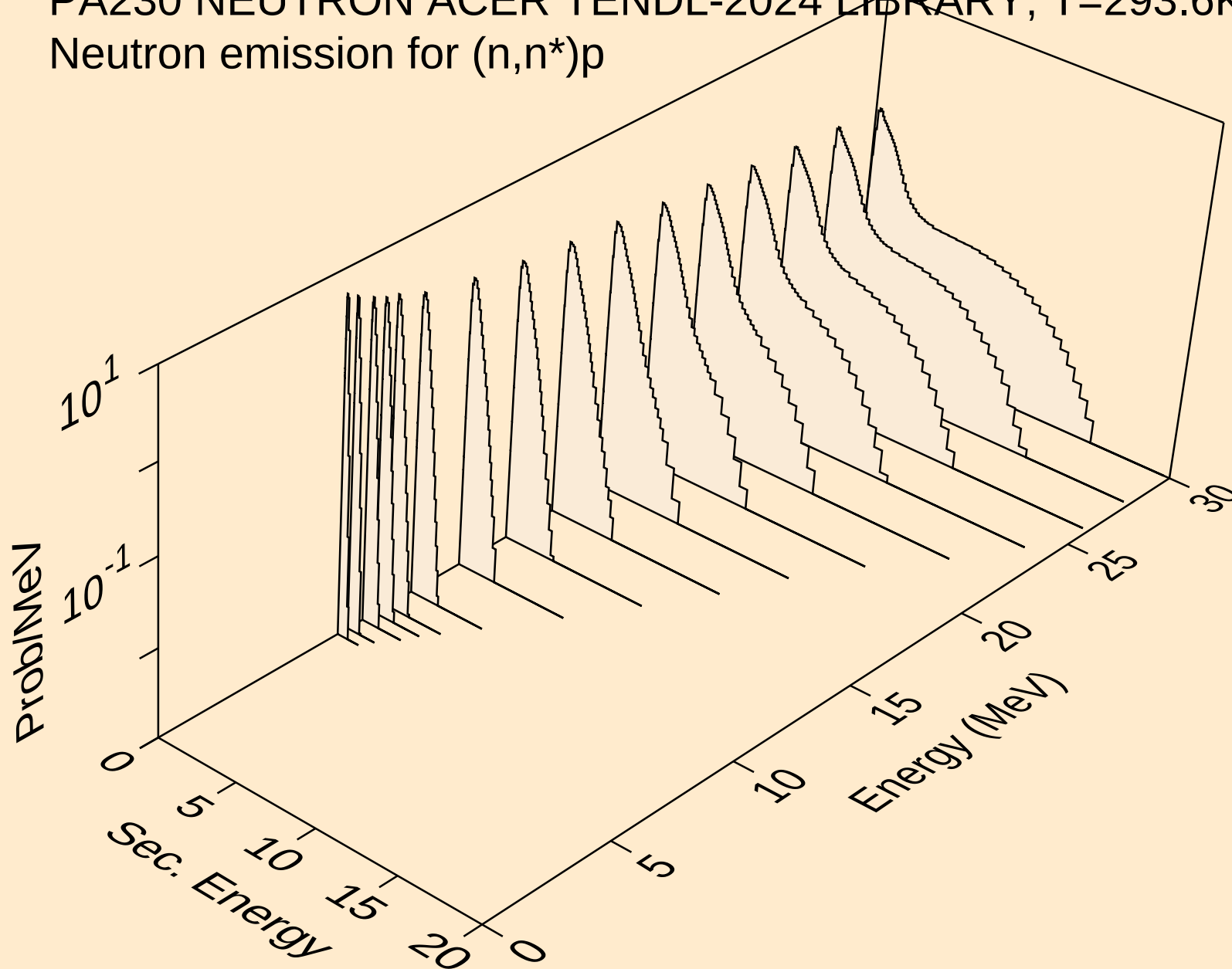
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



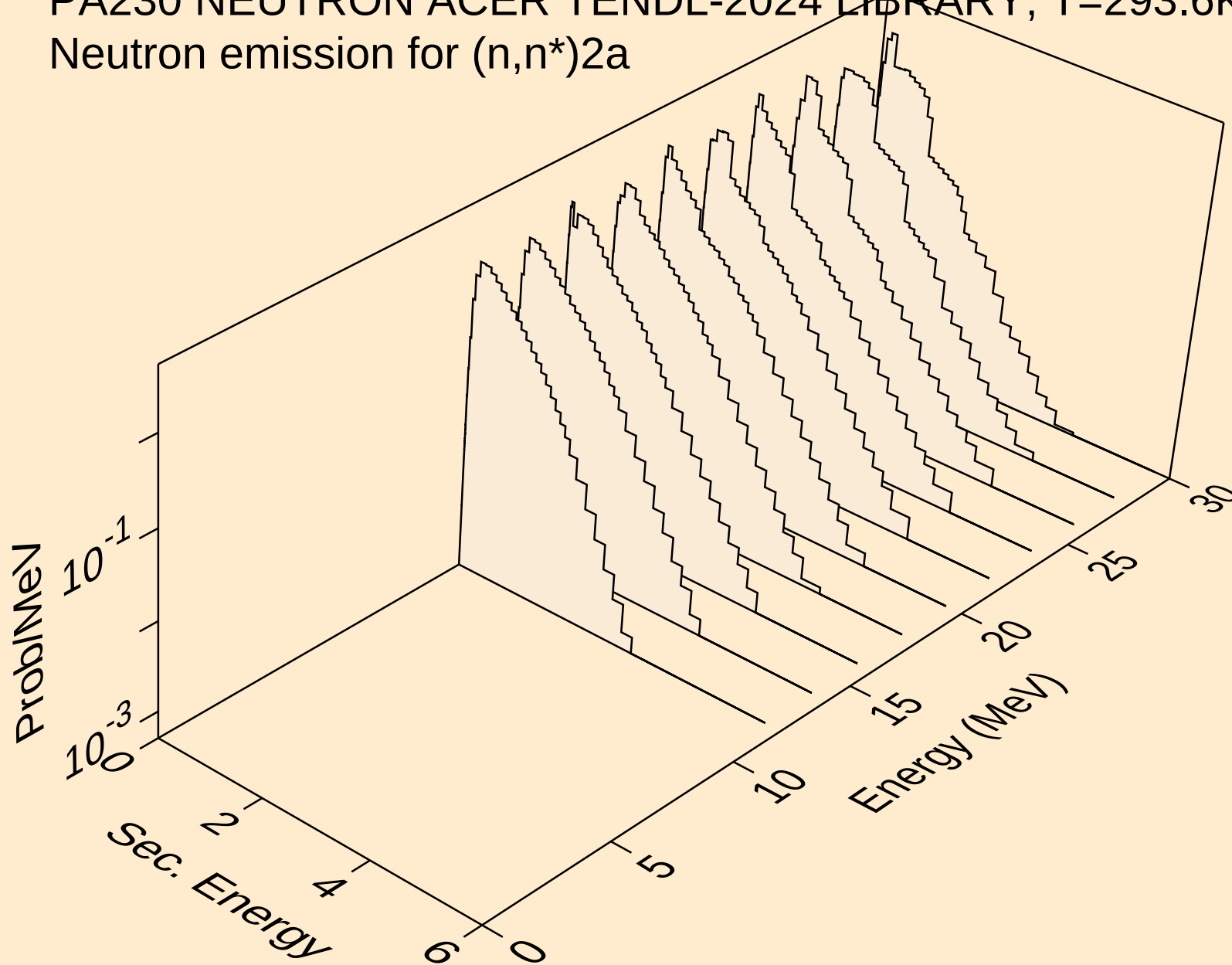
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)_a



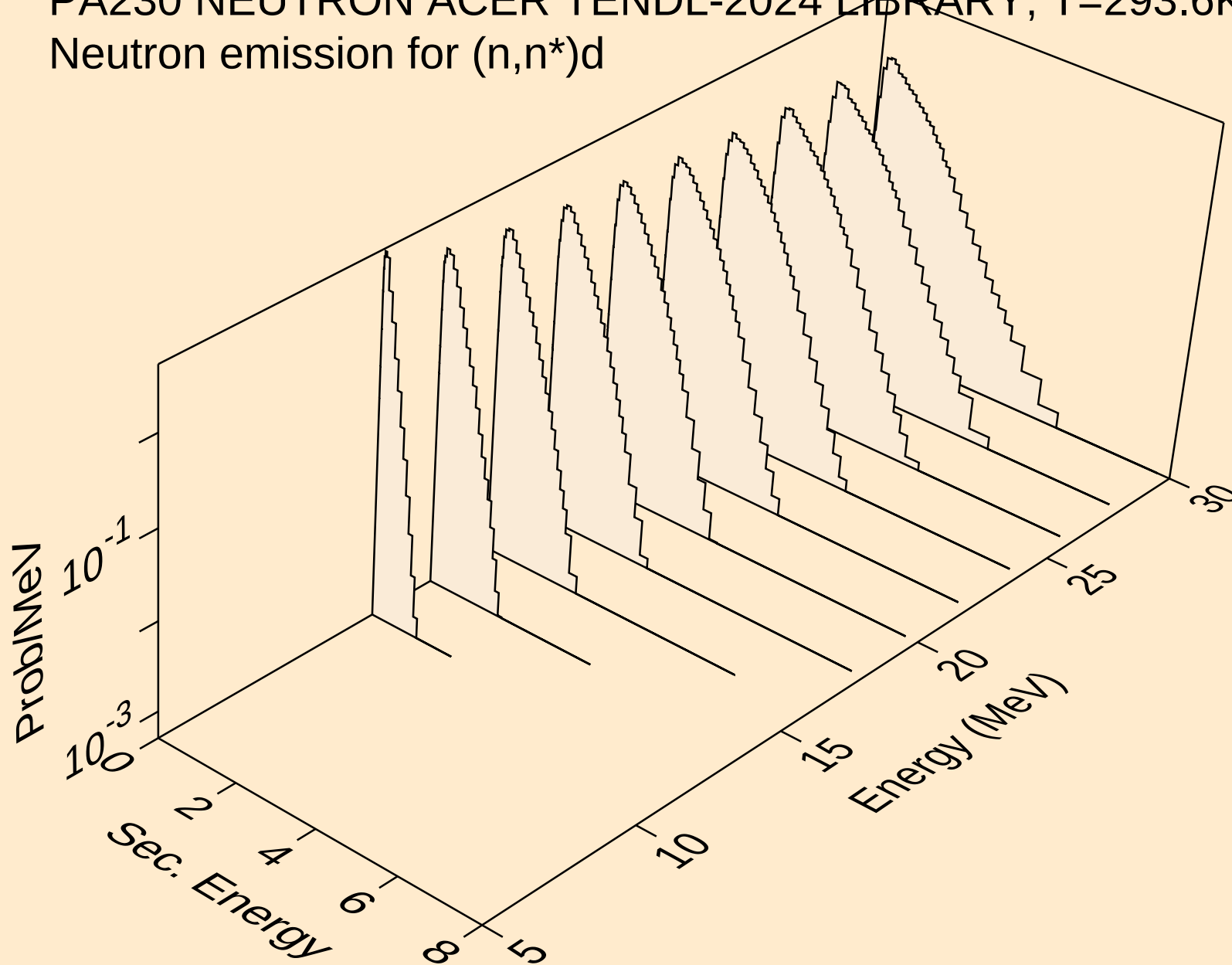
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



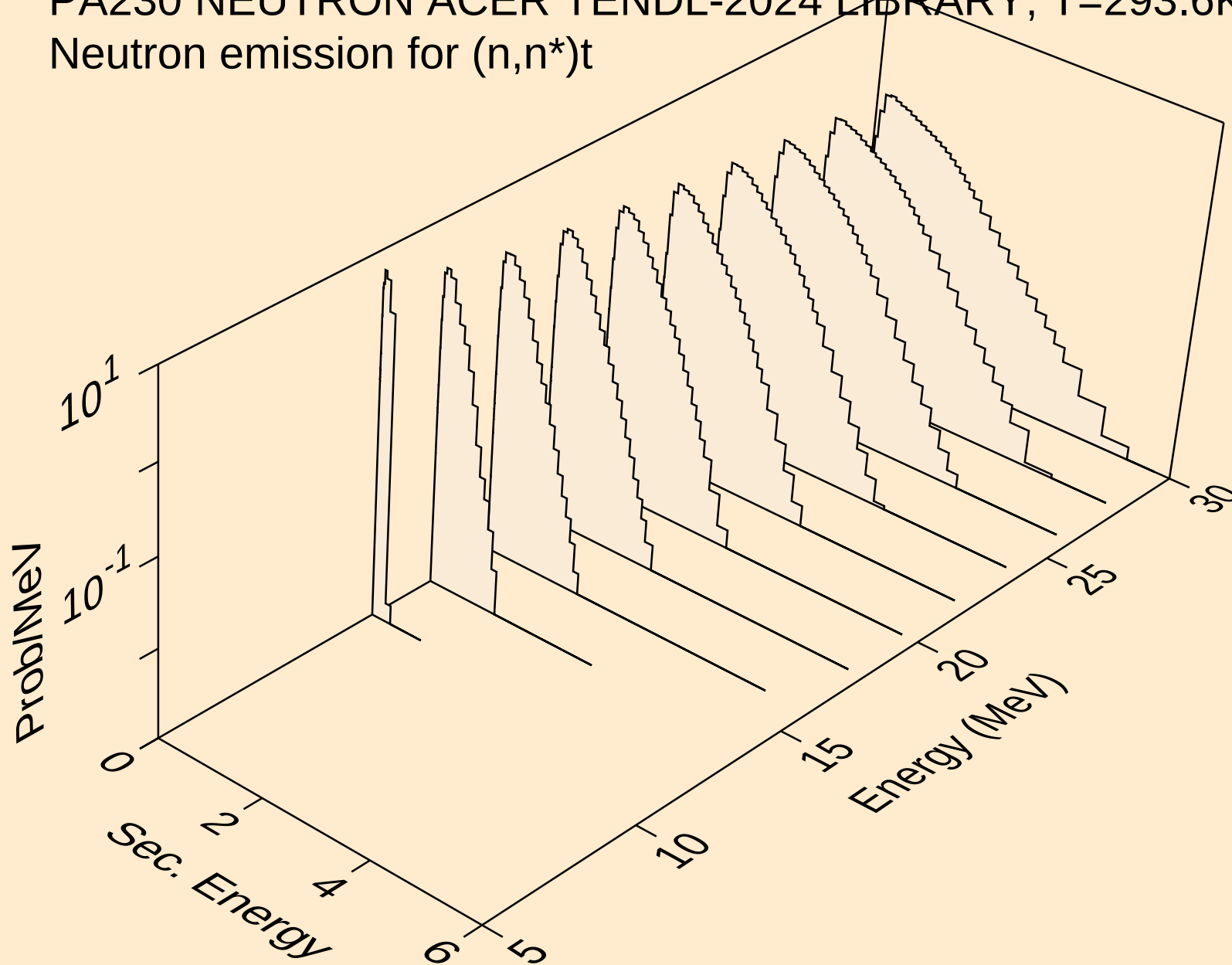
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



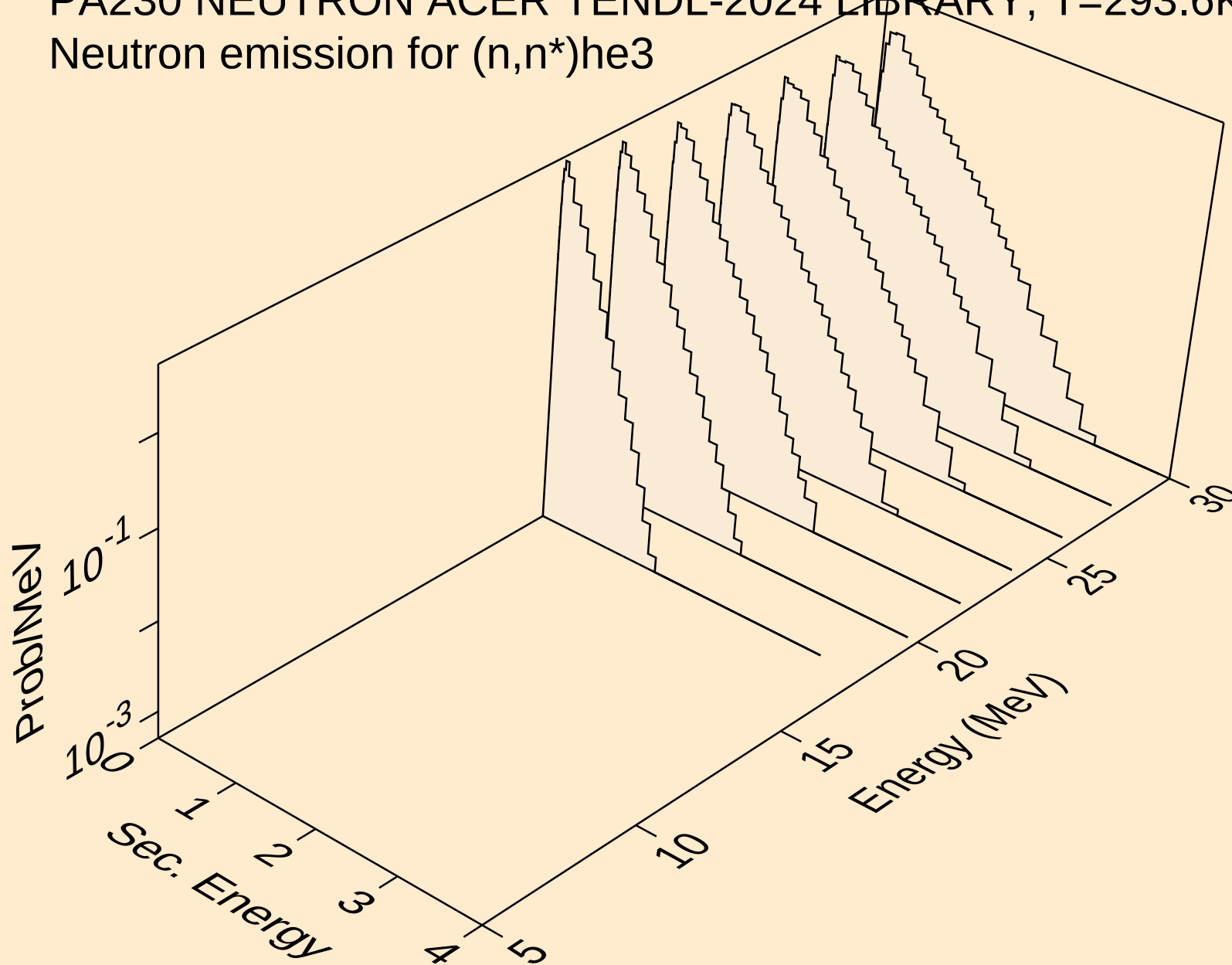
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



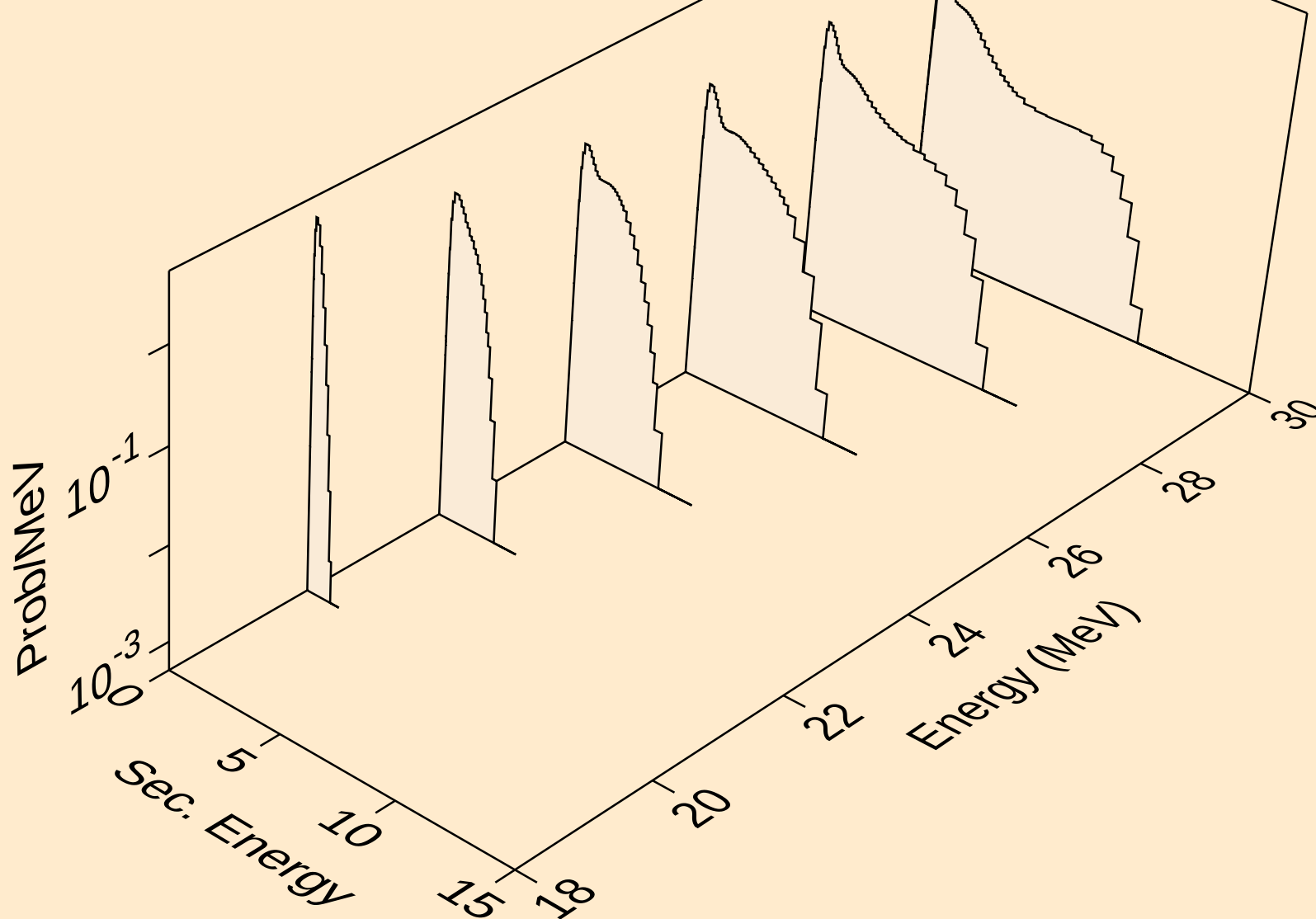
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



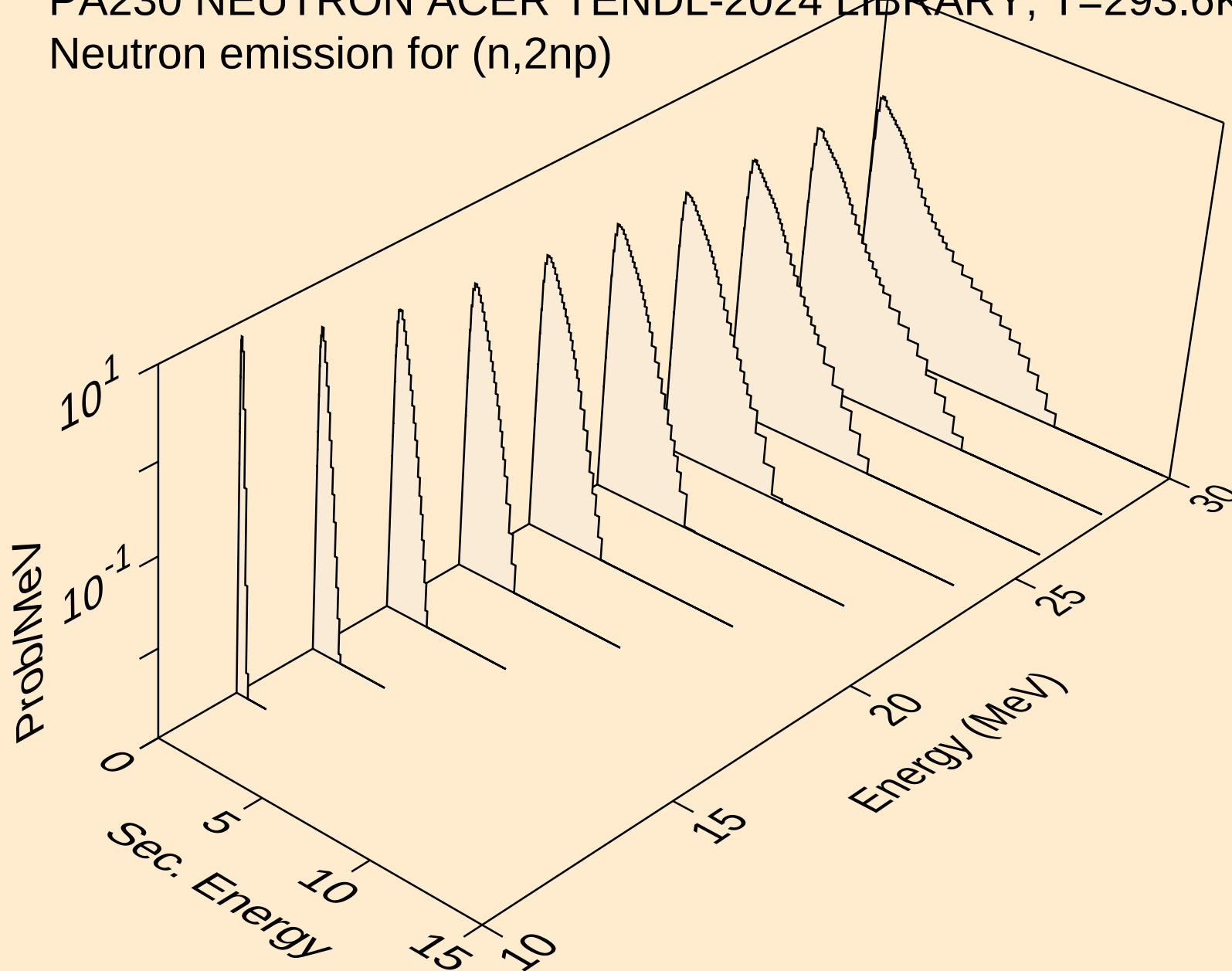
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



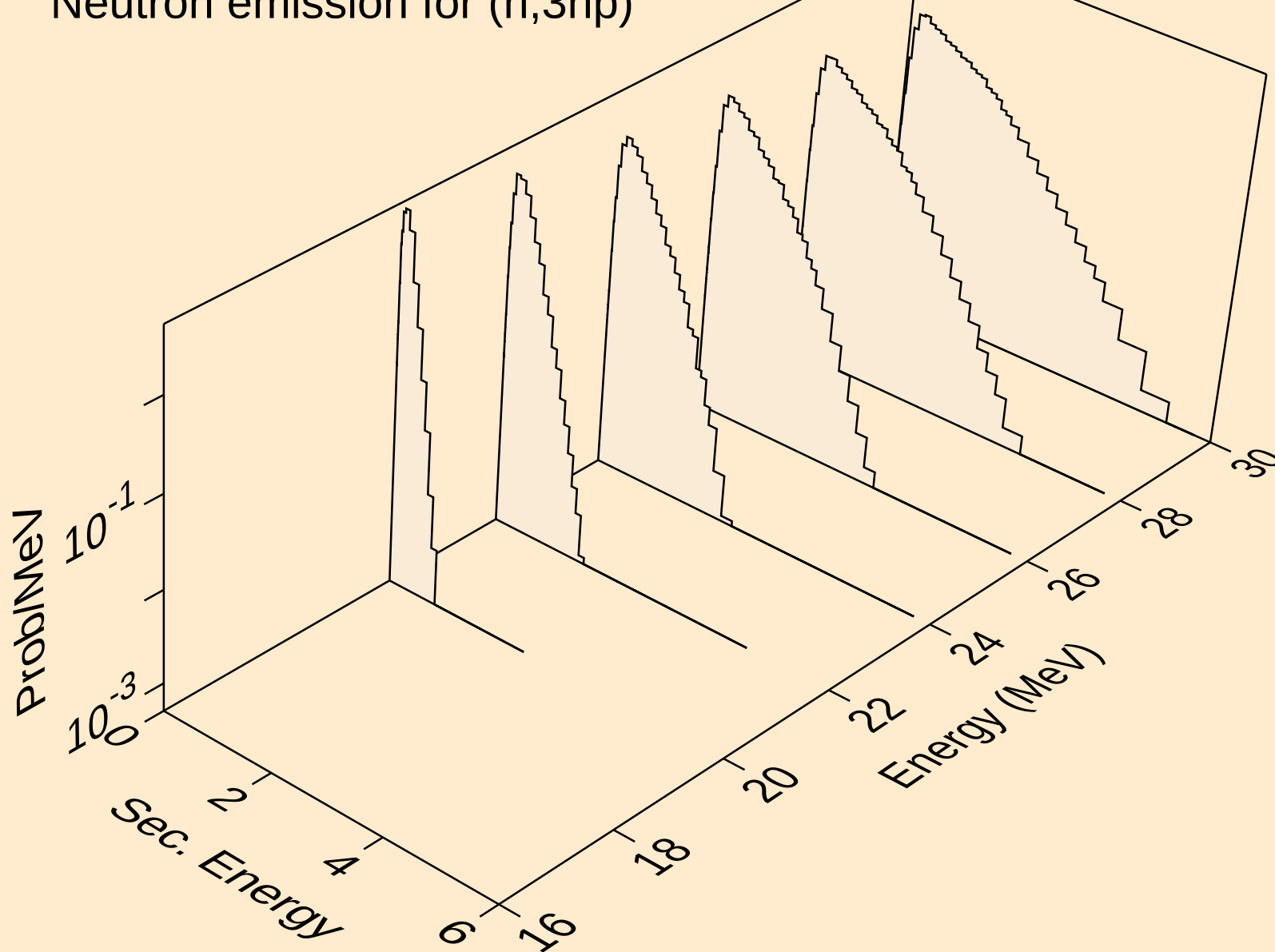
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



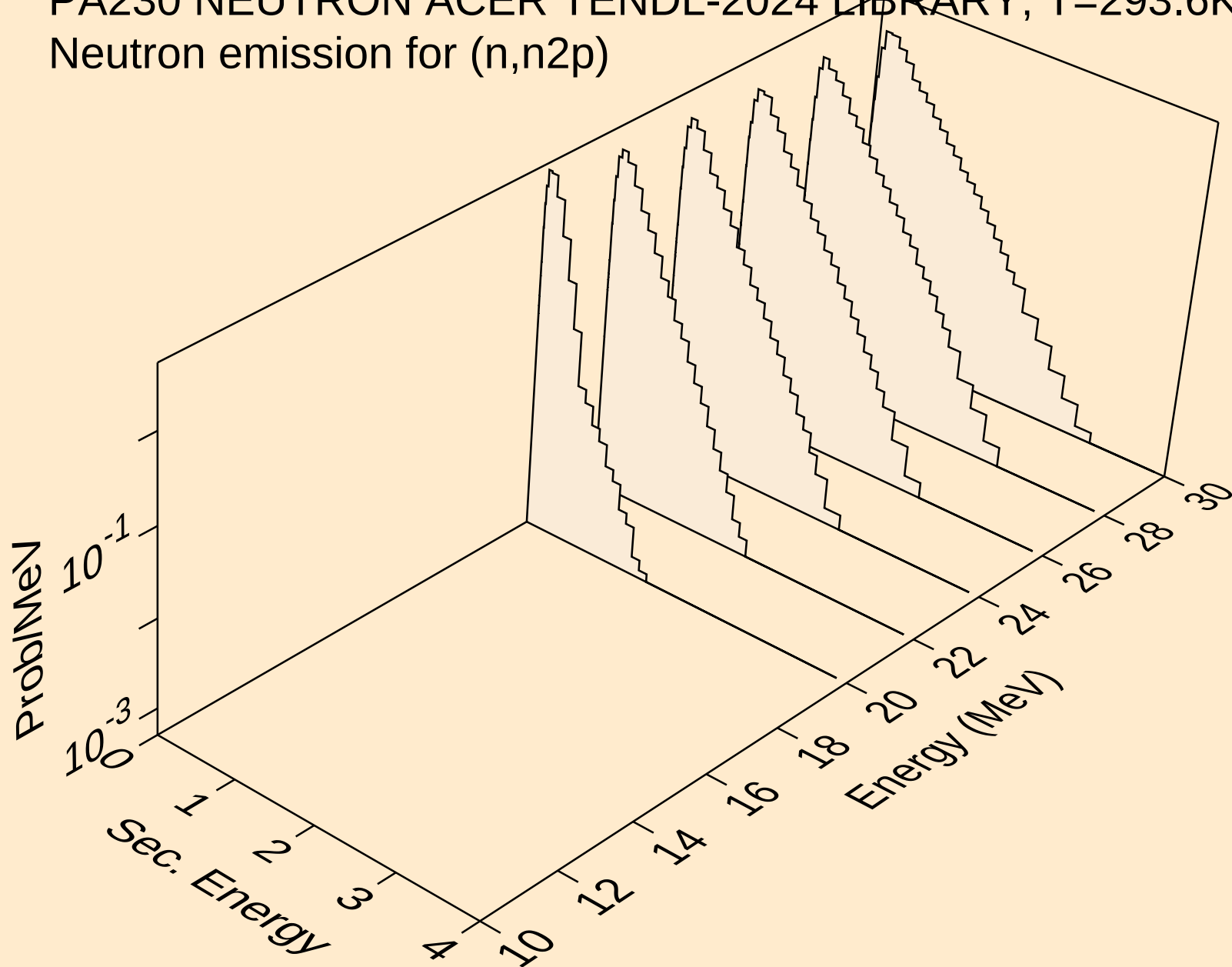
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



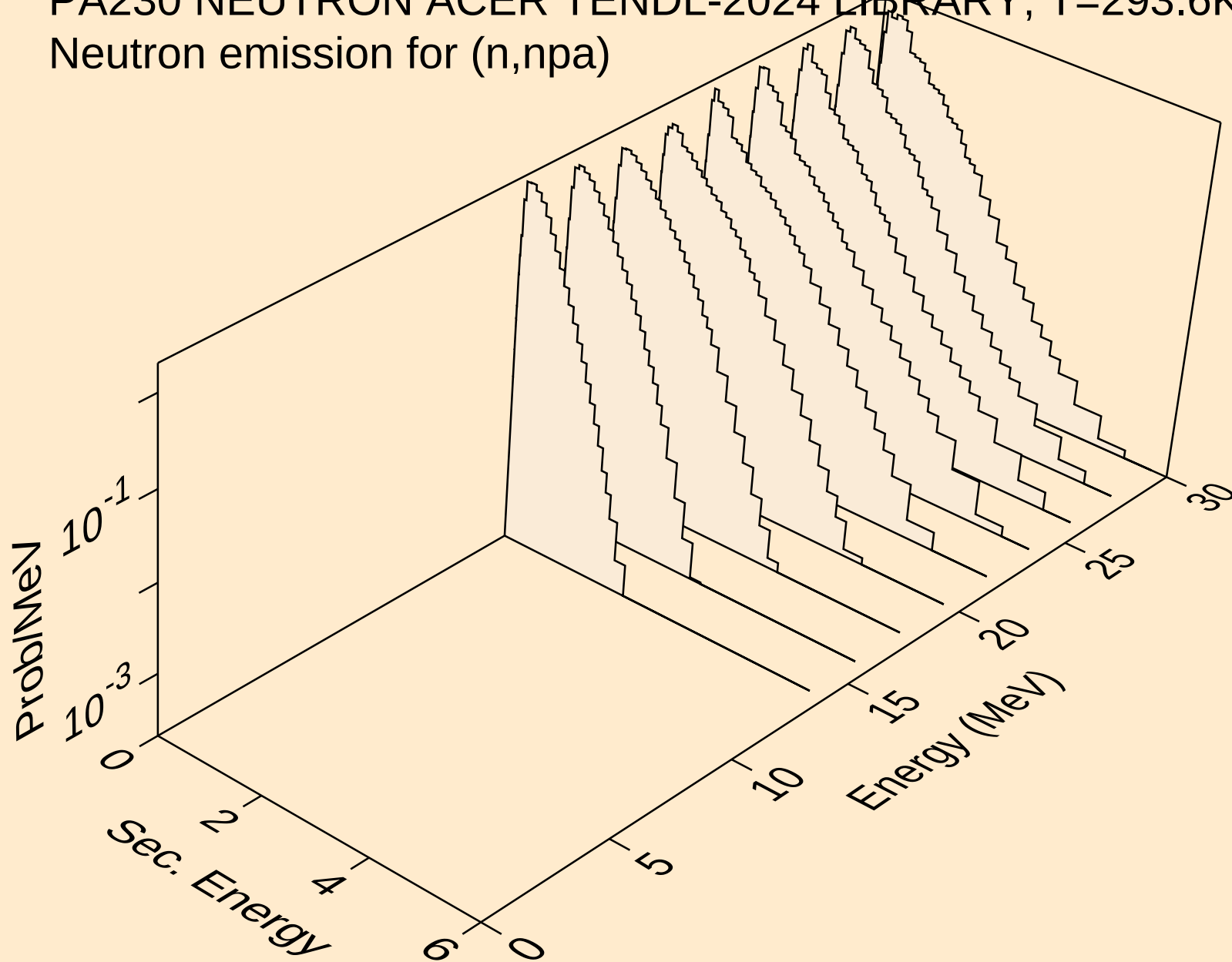
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



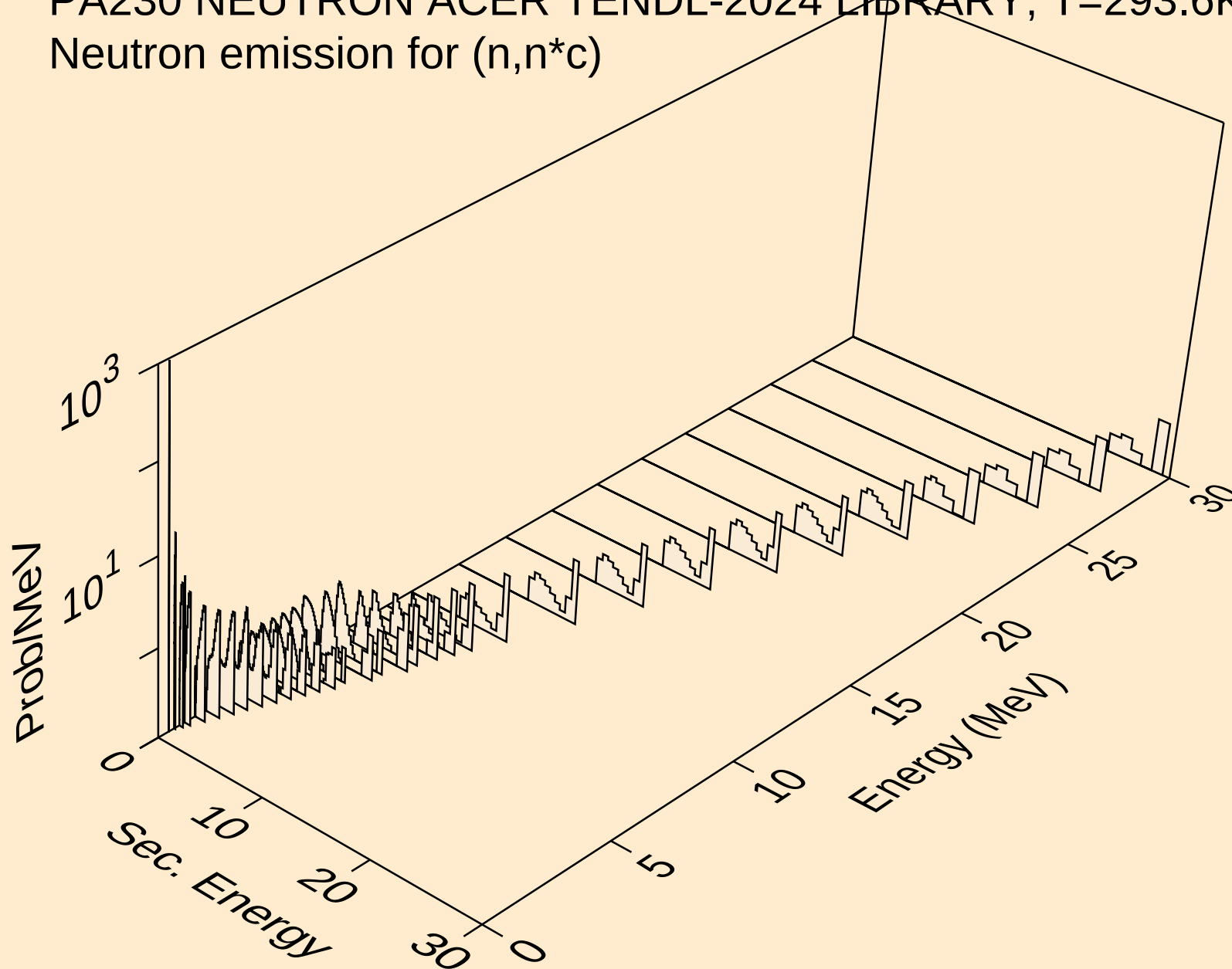
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)

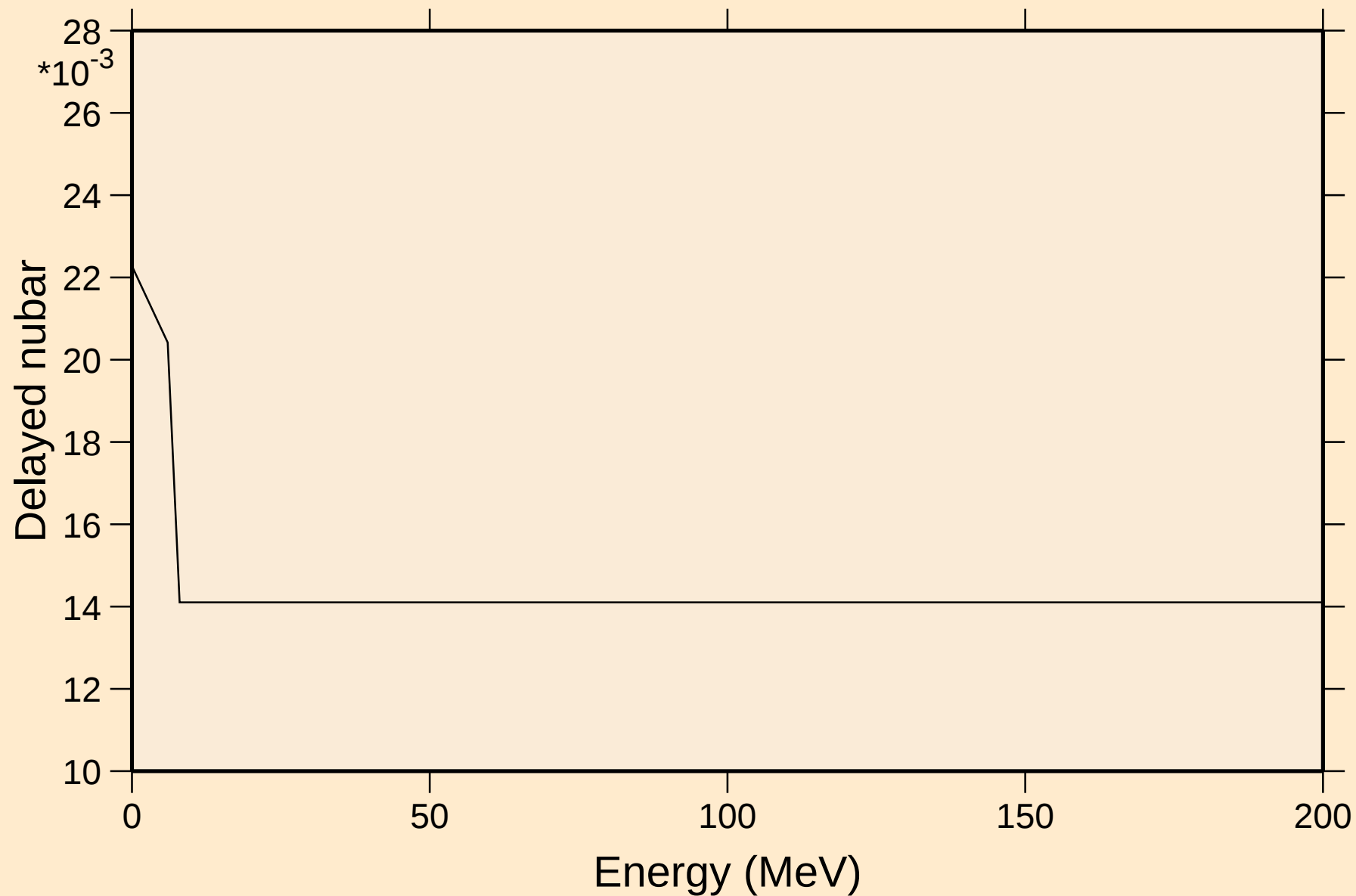


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



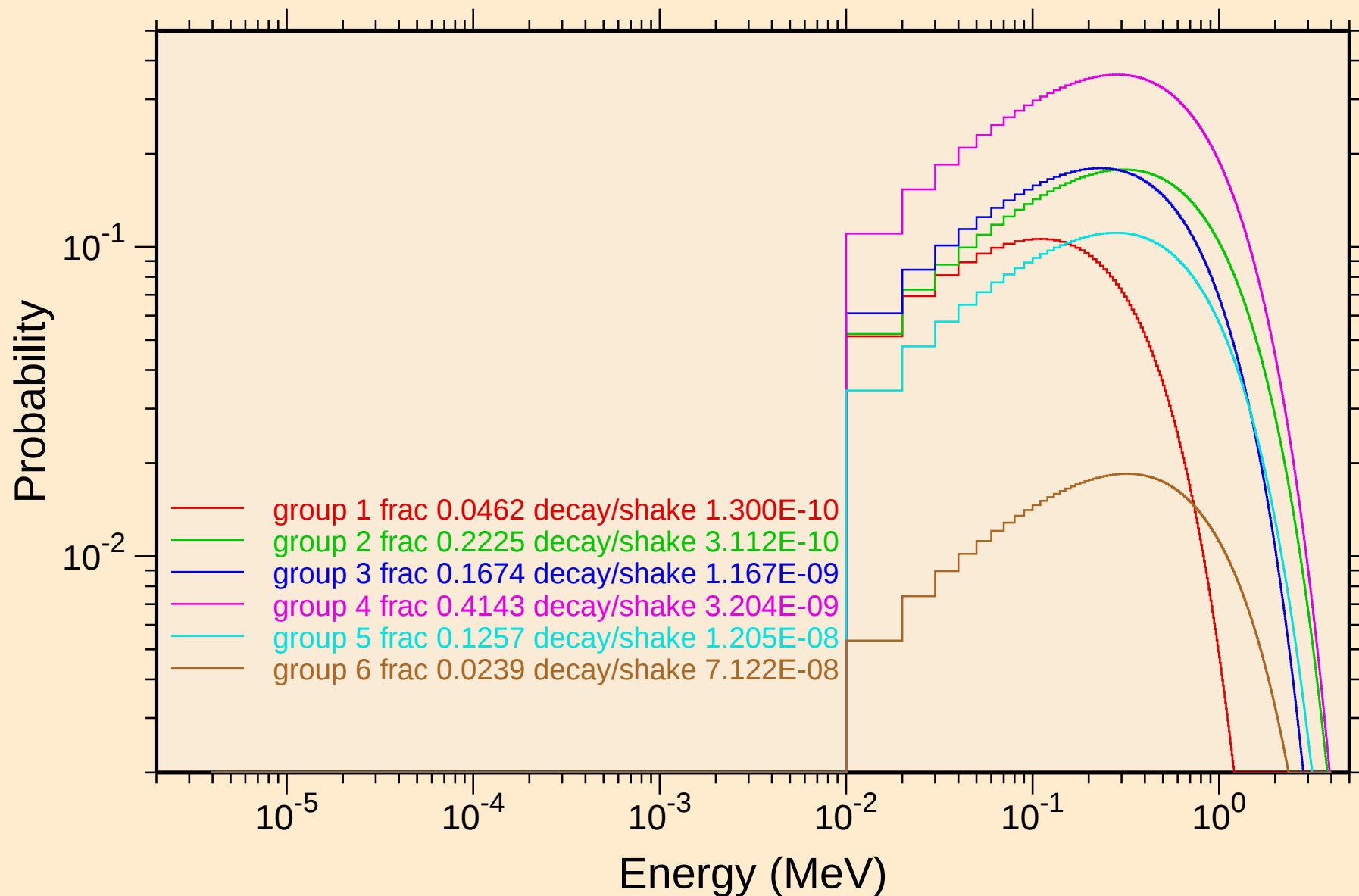
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

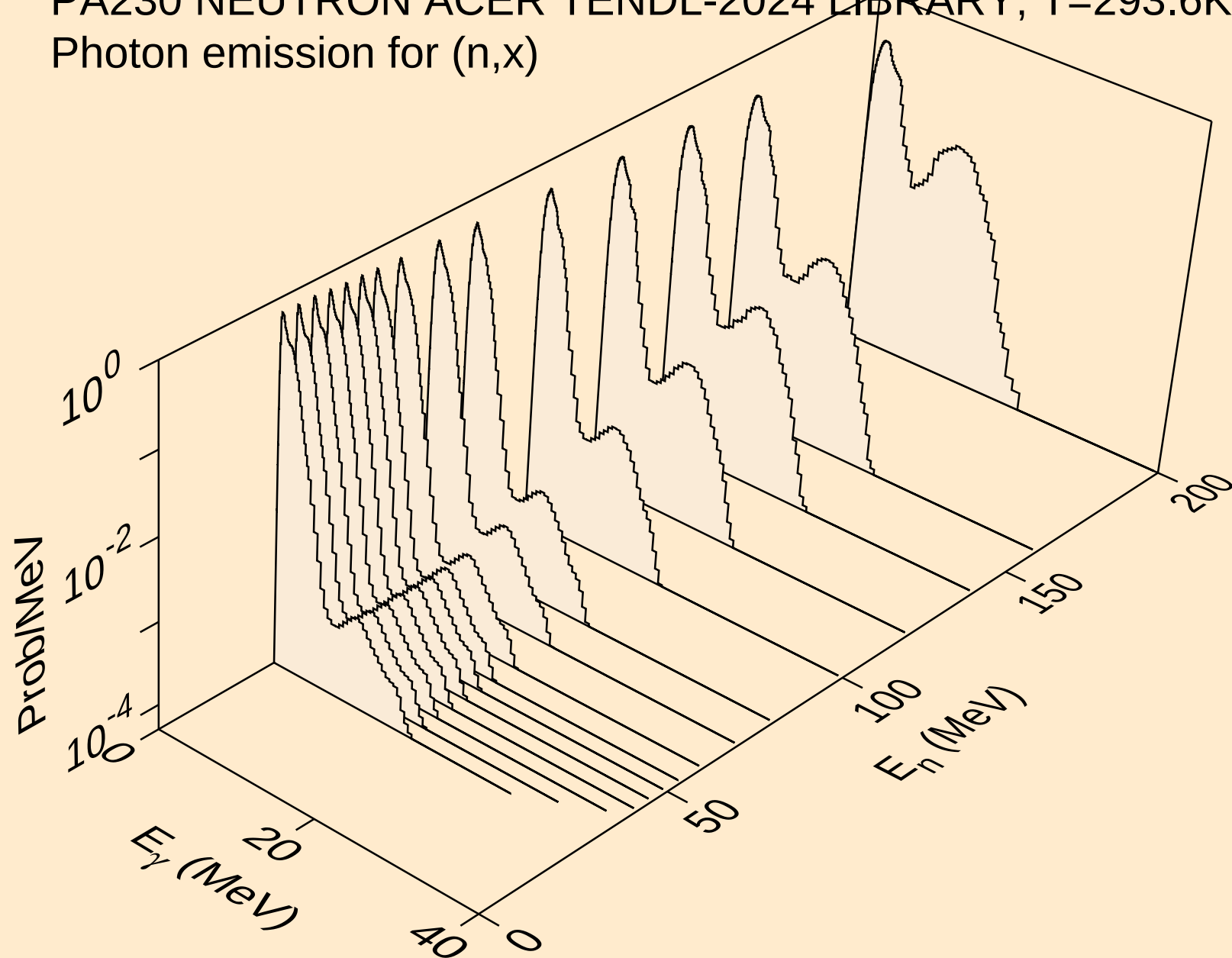


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

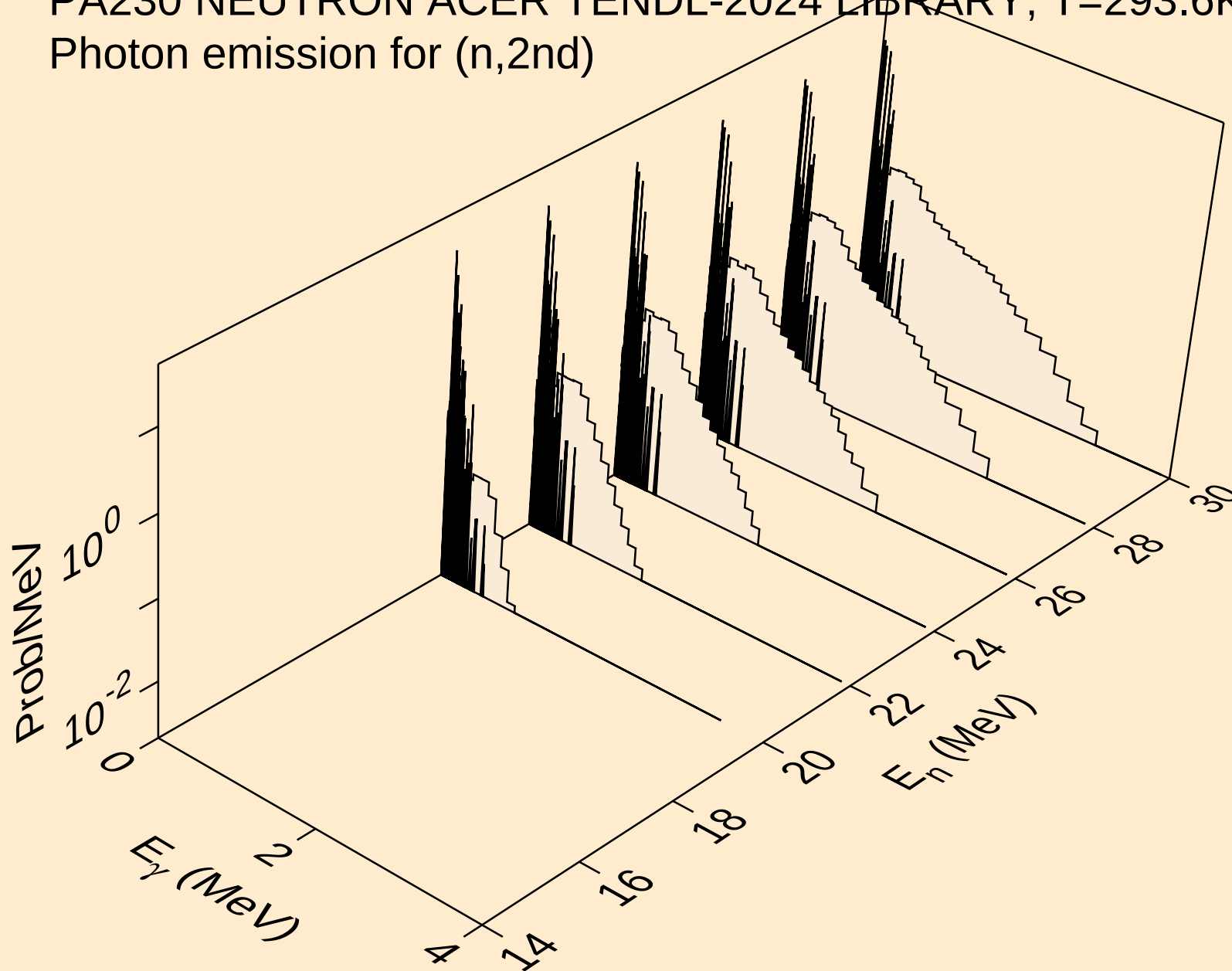
Delayed neutron spectra



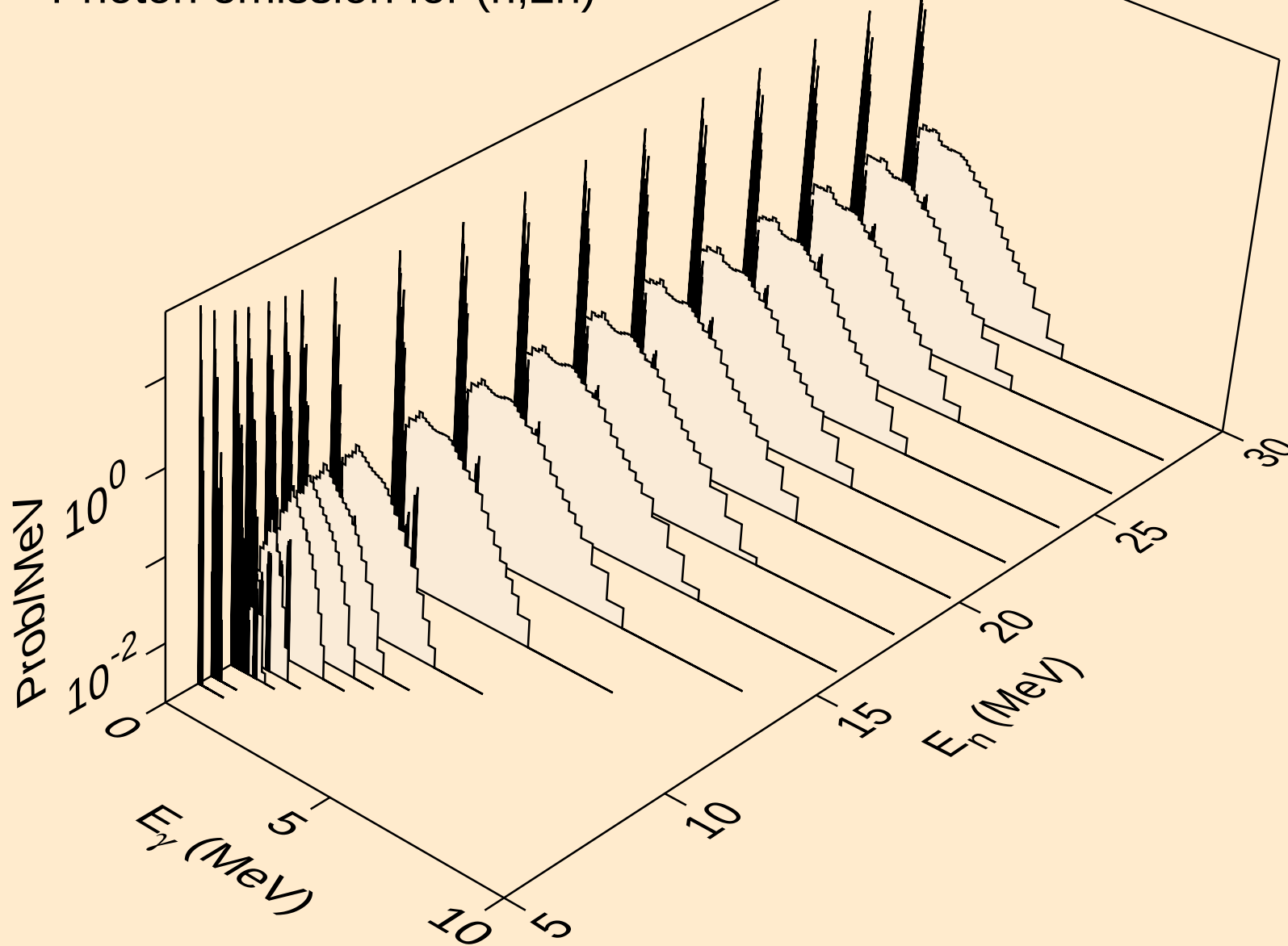
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



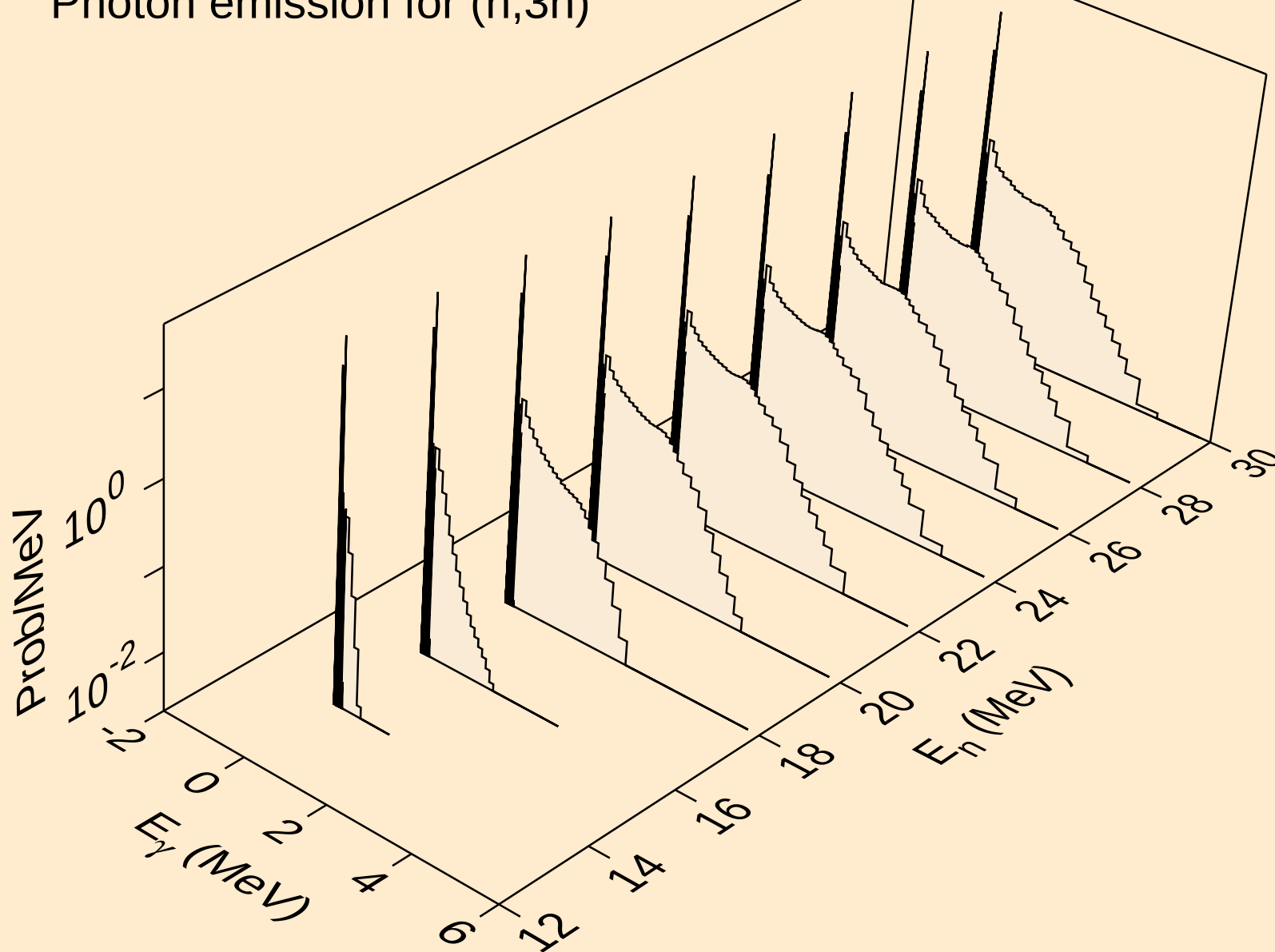
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)

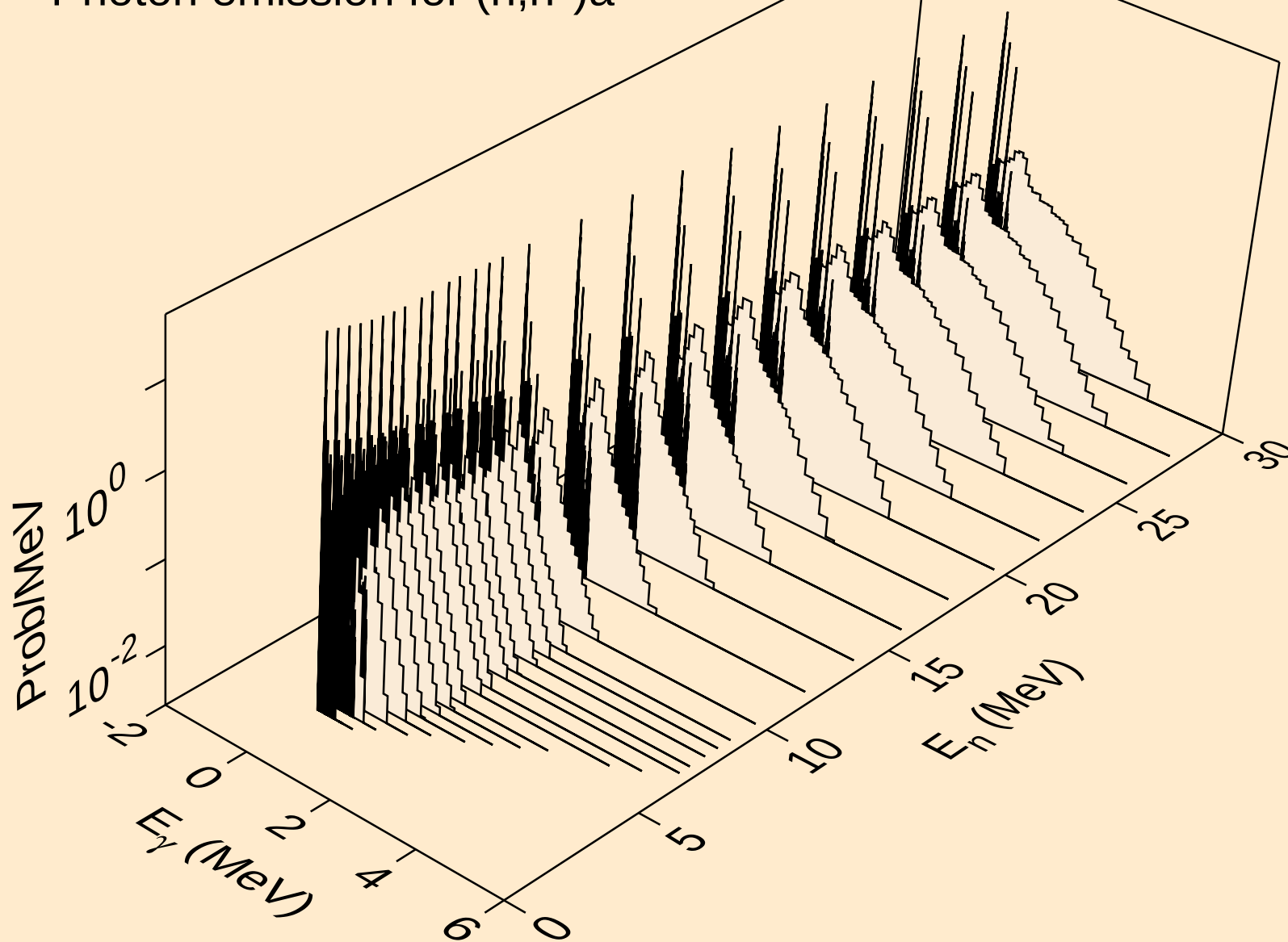


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



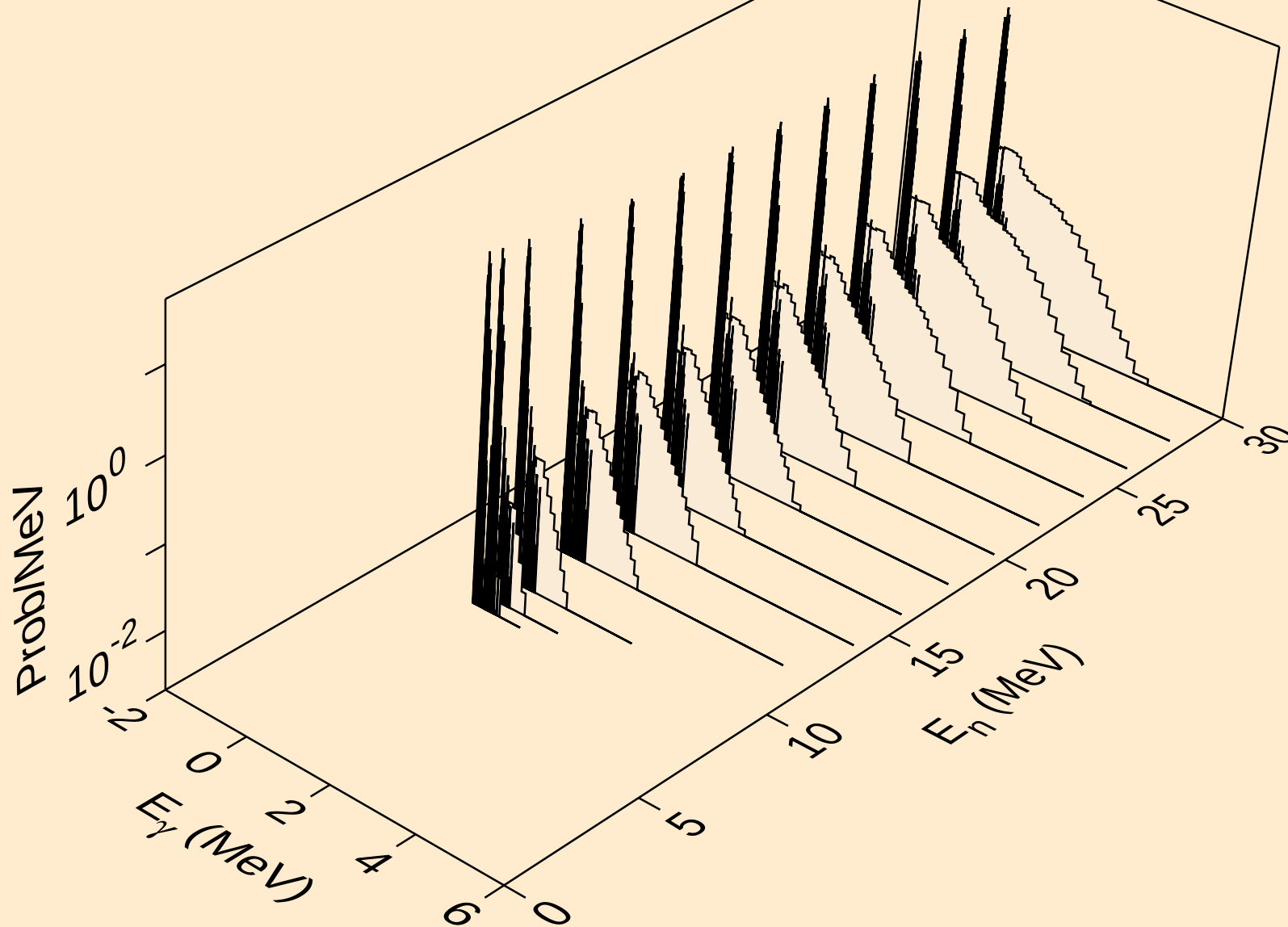
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)a



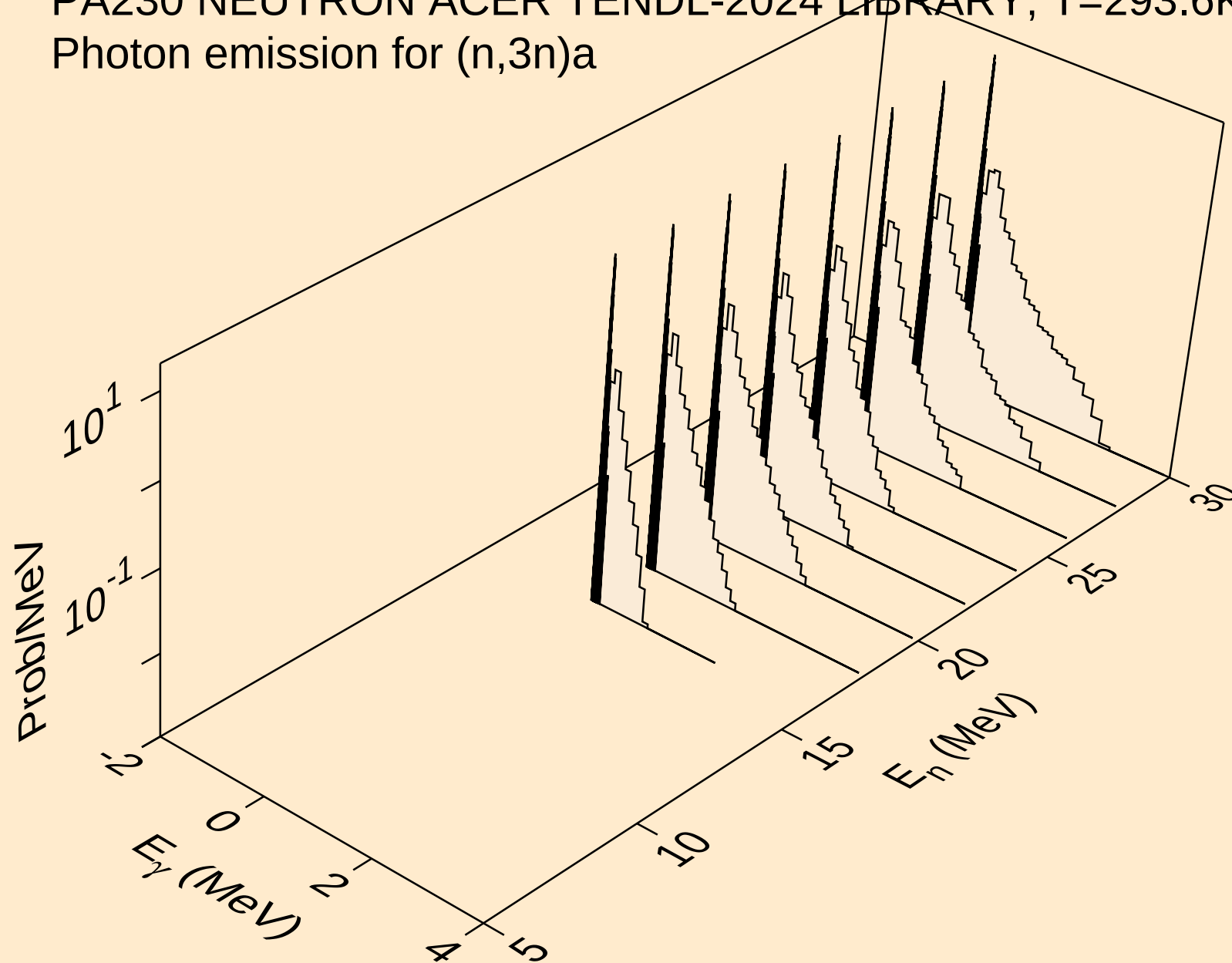
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n) α



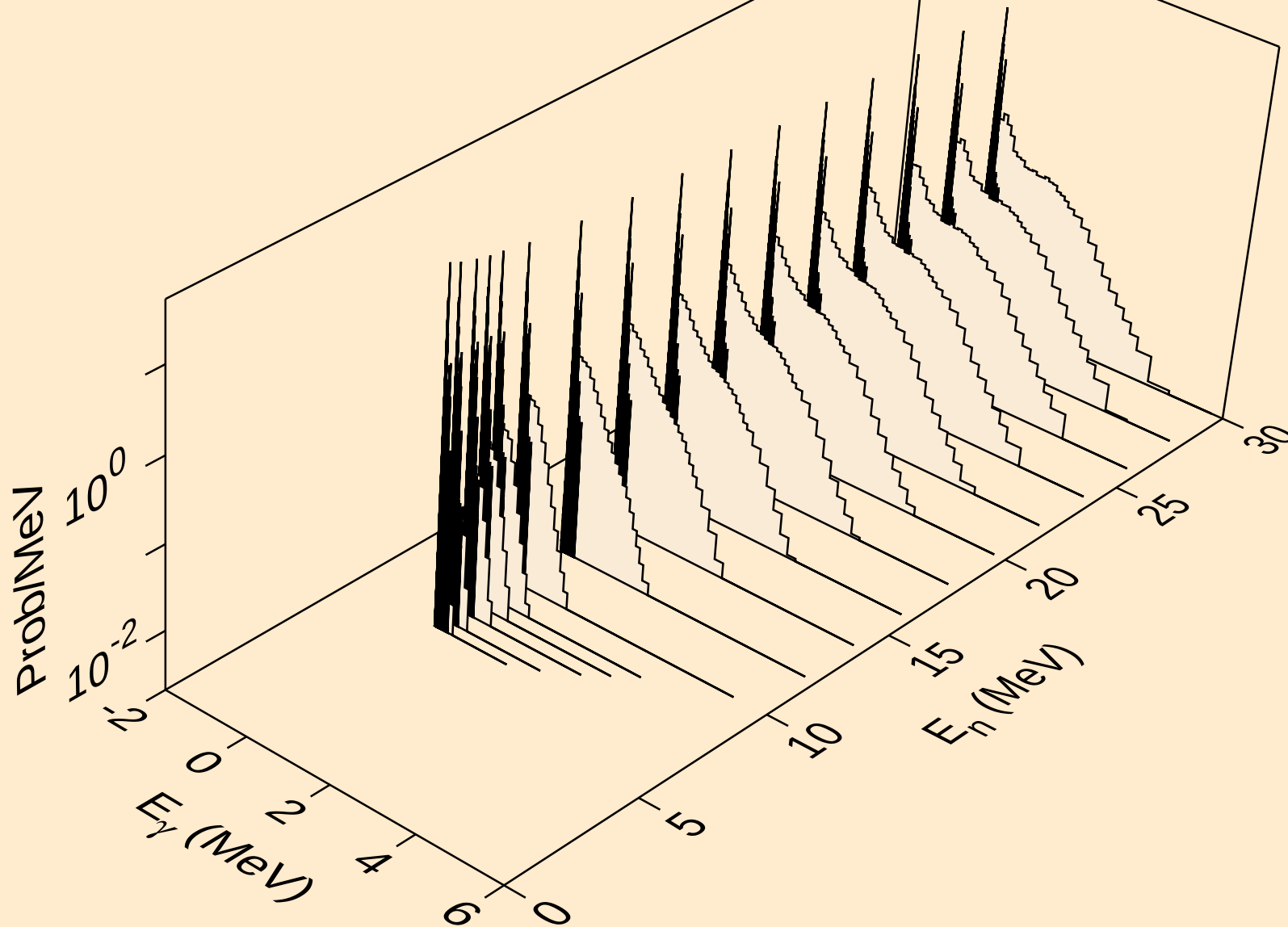
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Photon emission for (n,3n) α

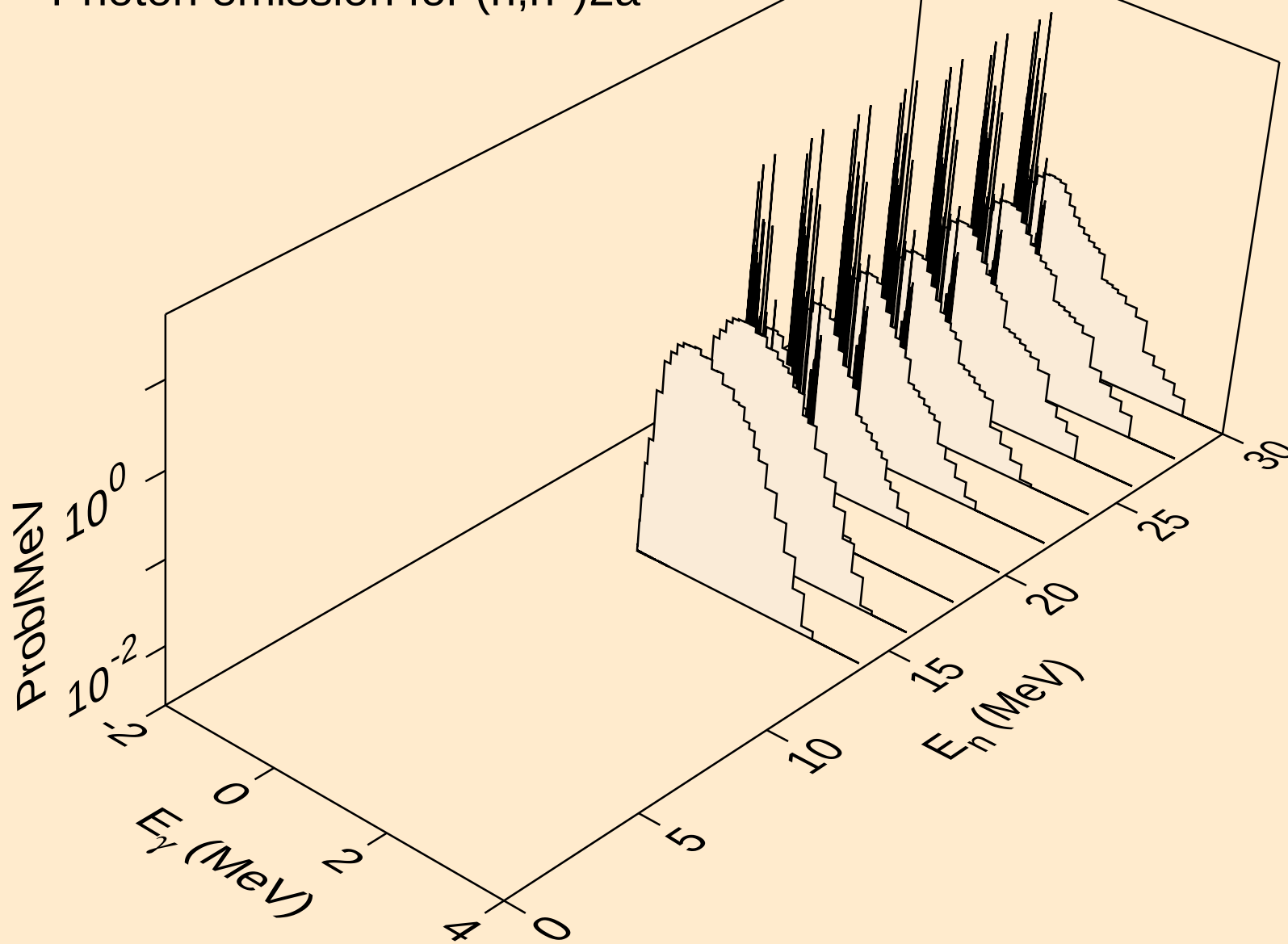


PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

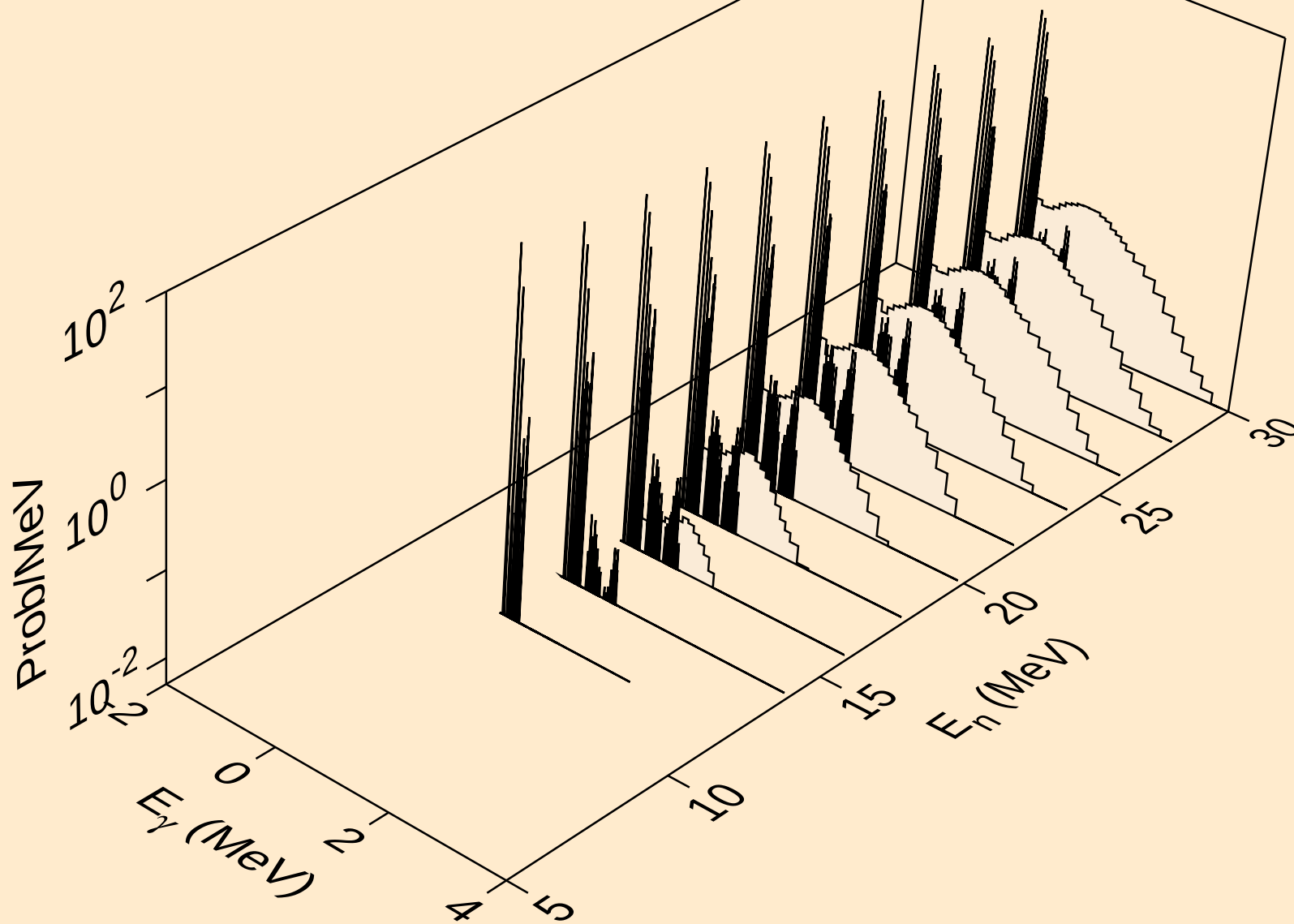
Photon emission for (n,n*)p



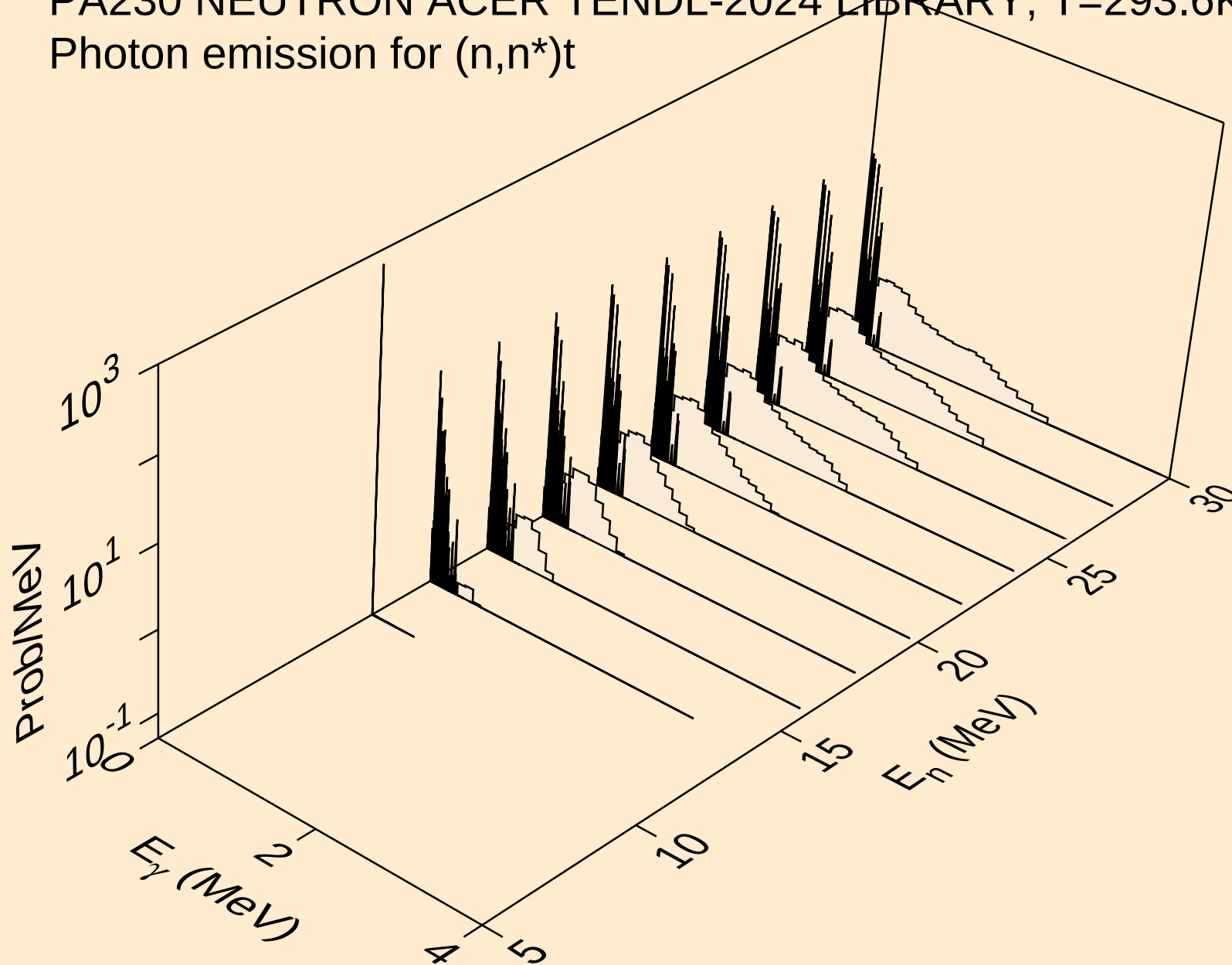
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



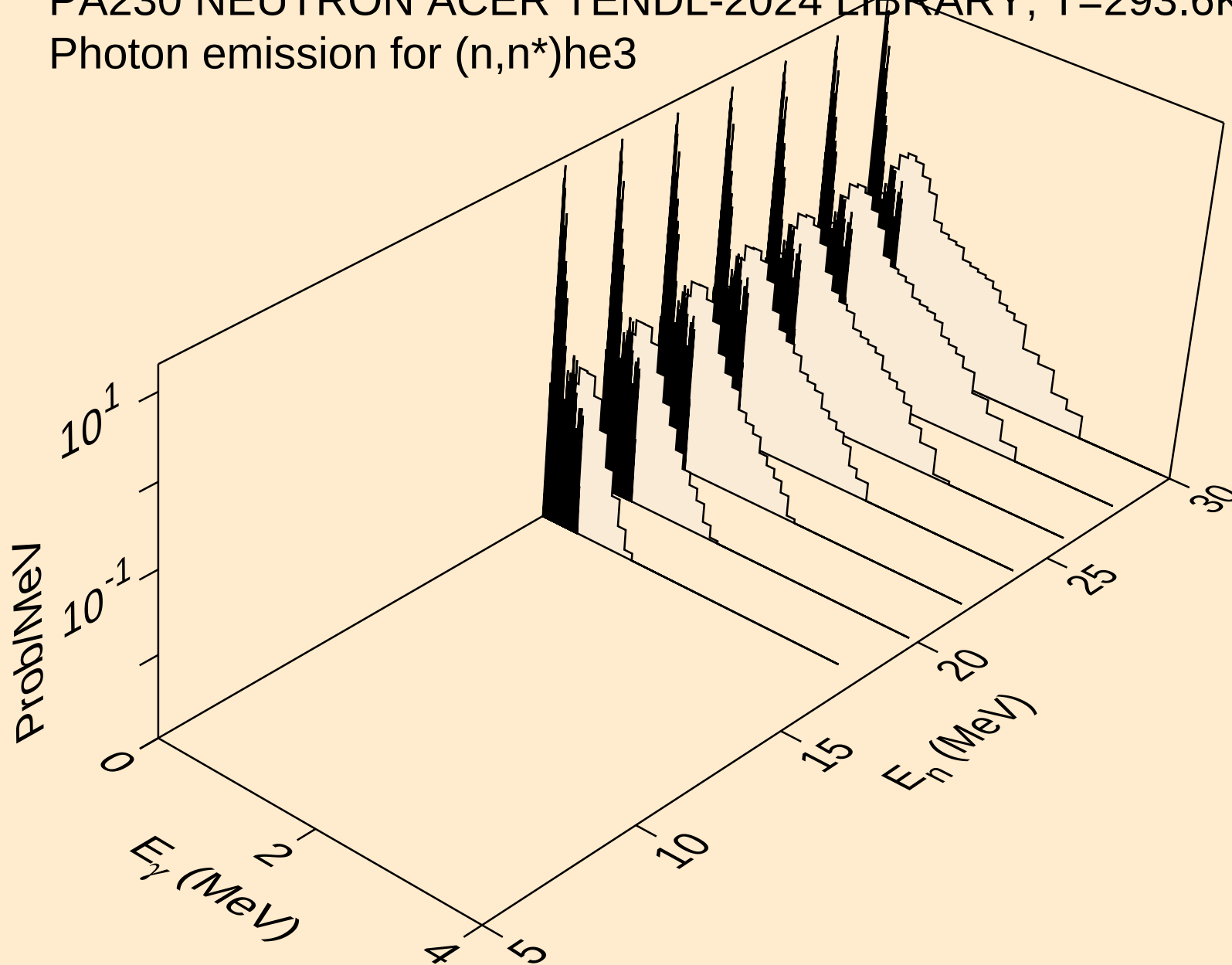
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



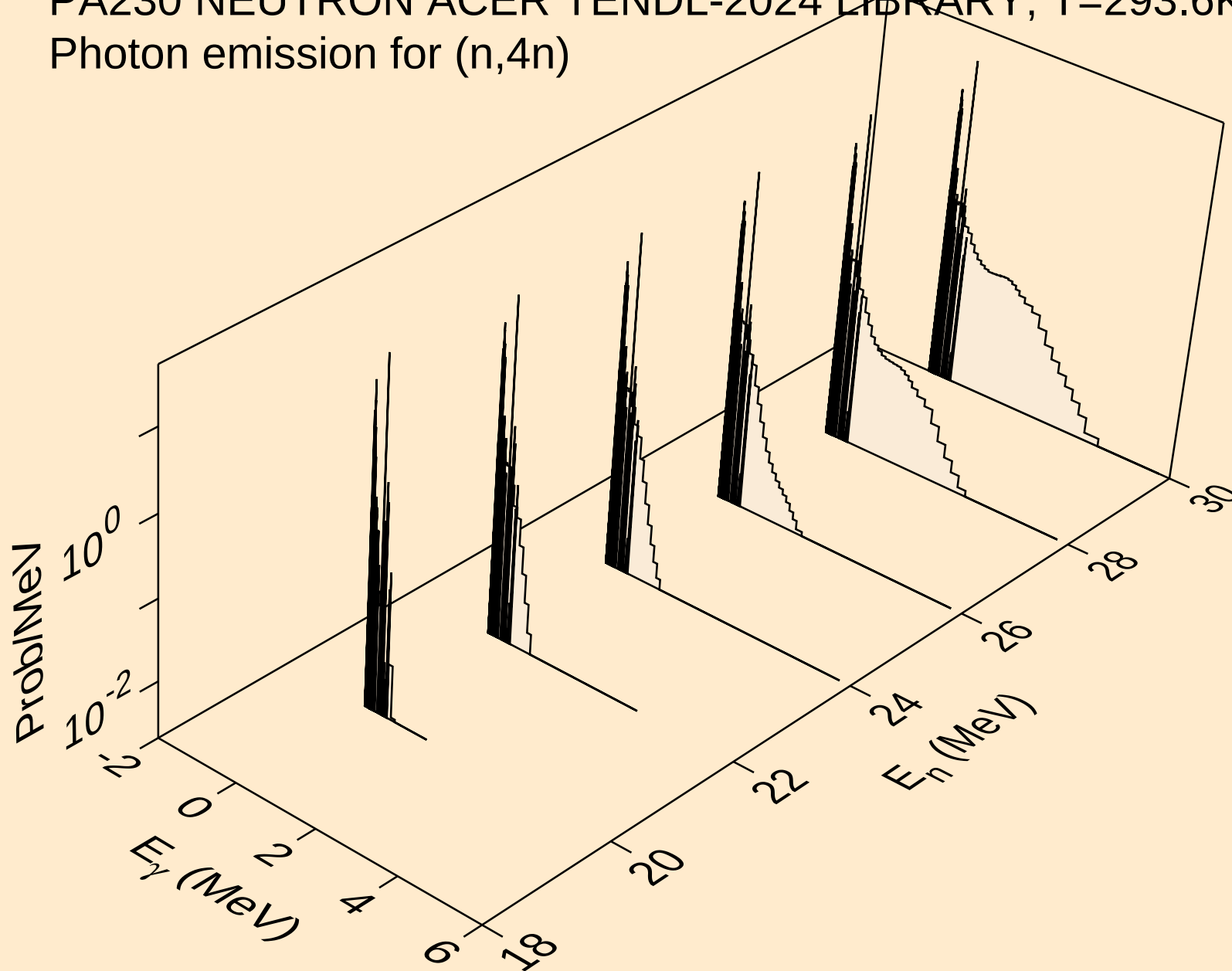
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



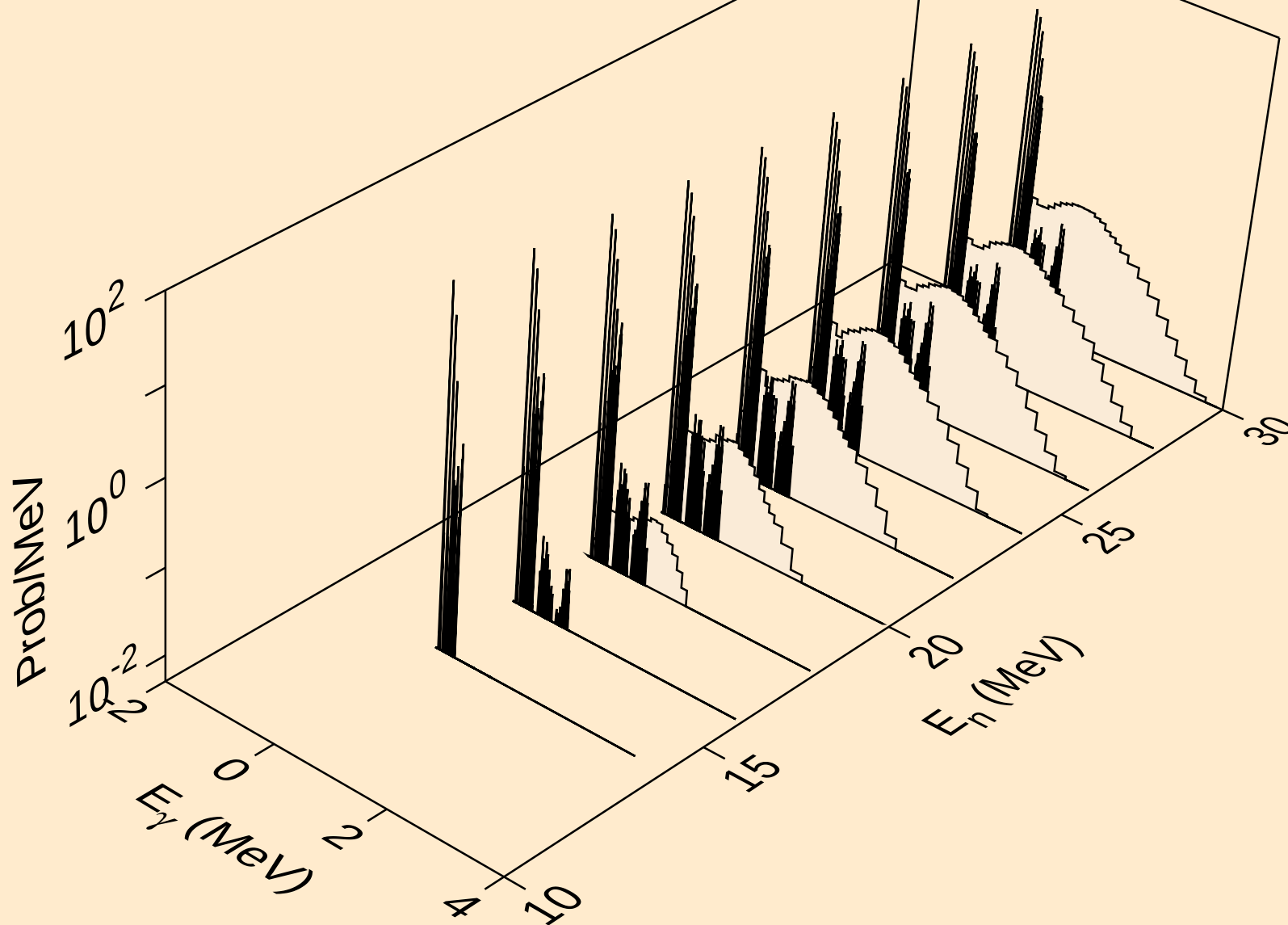
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



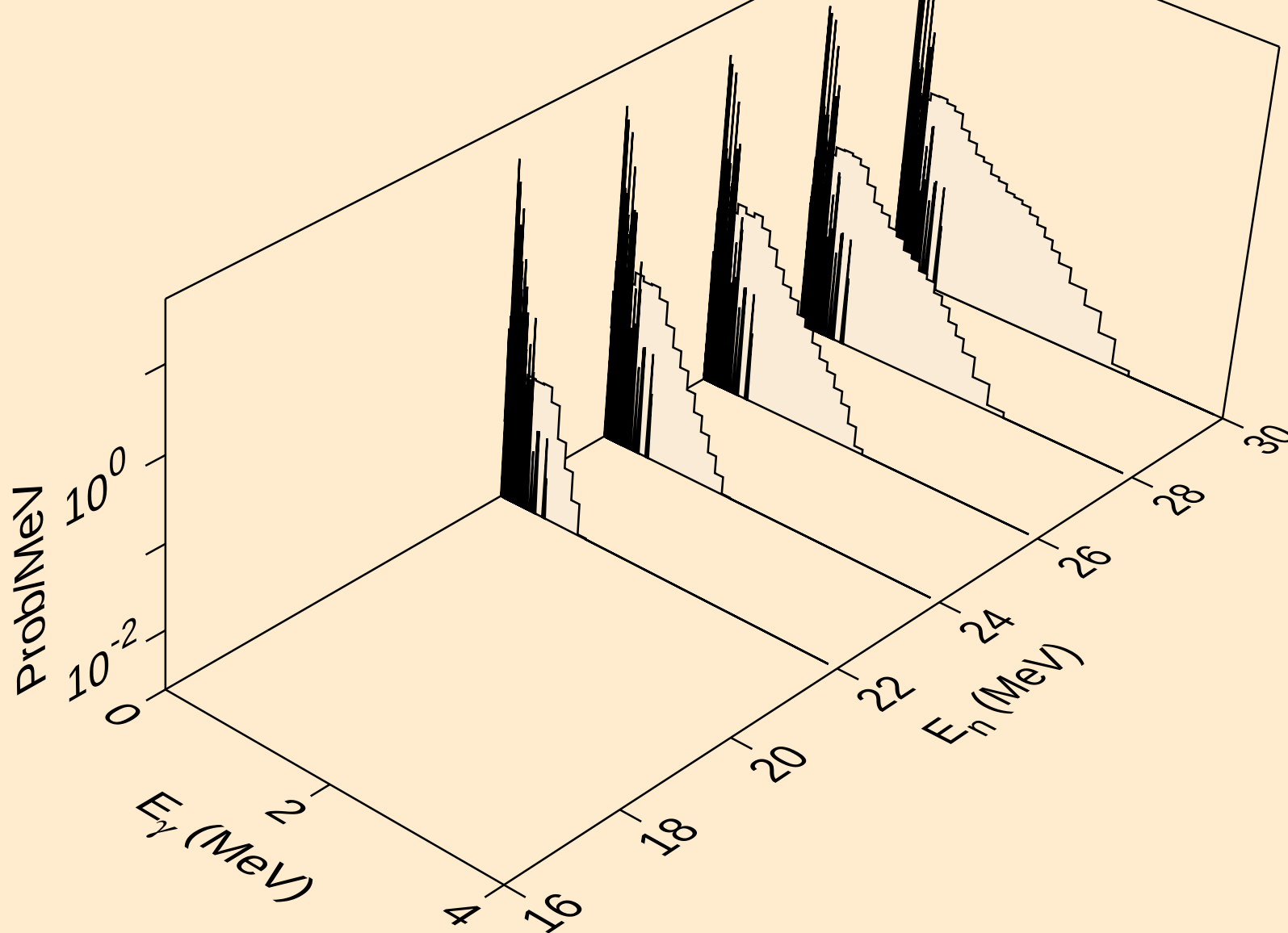
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



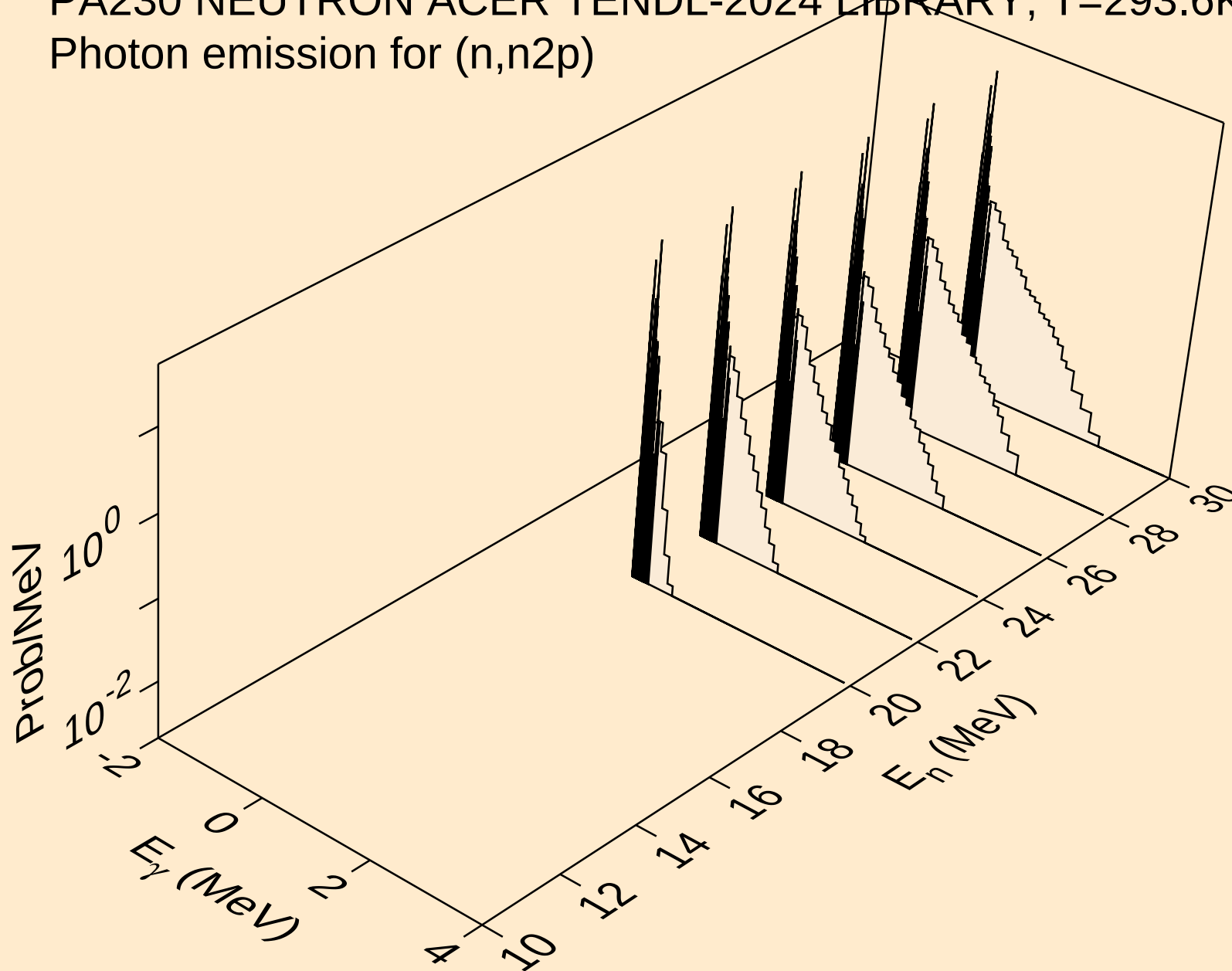
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



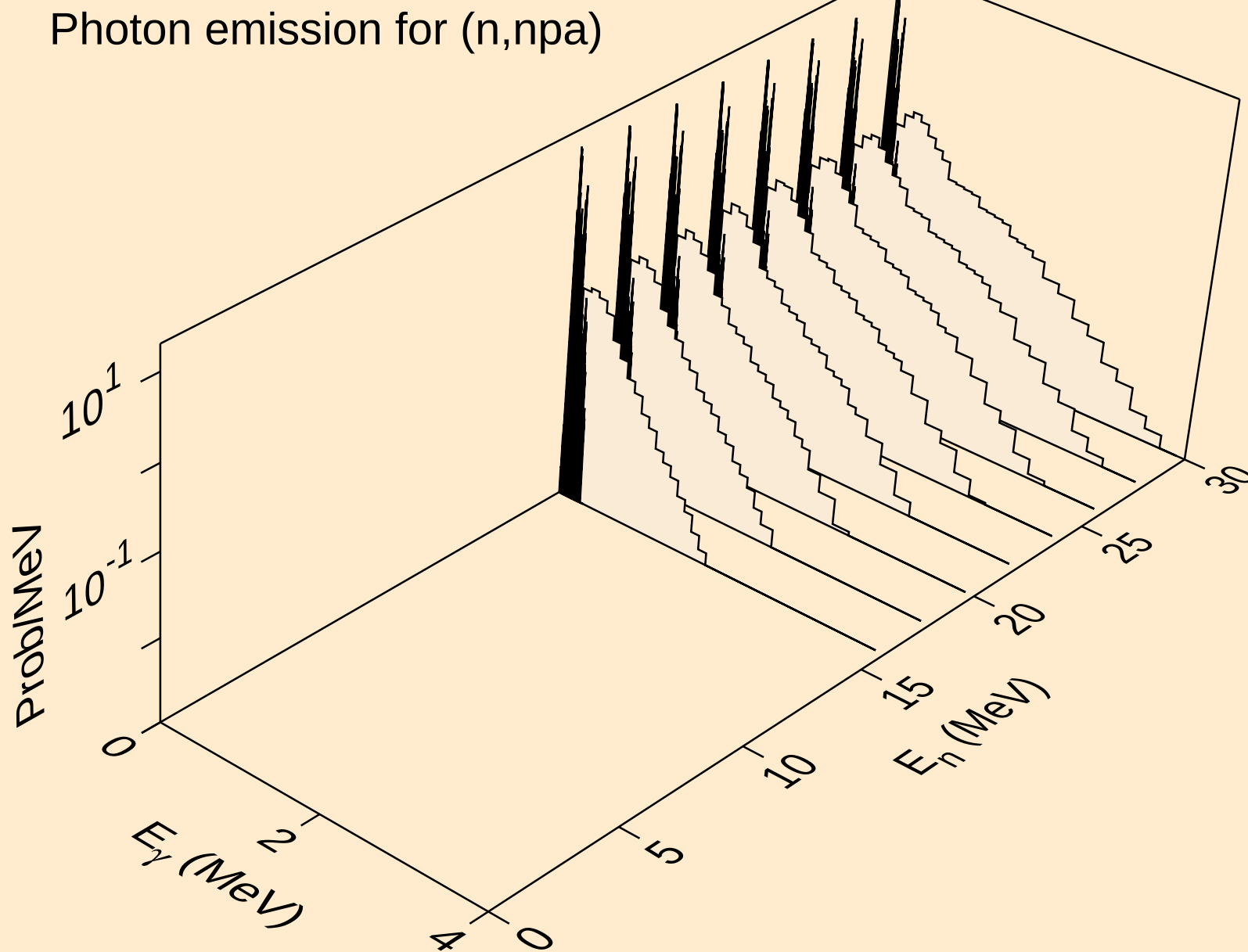
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



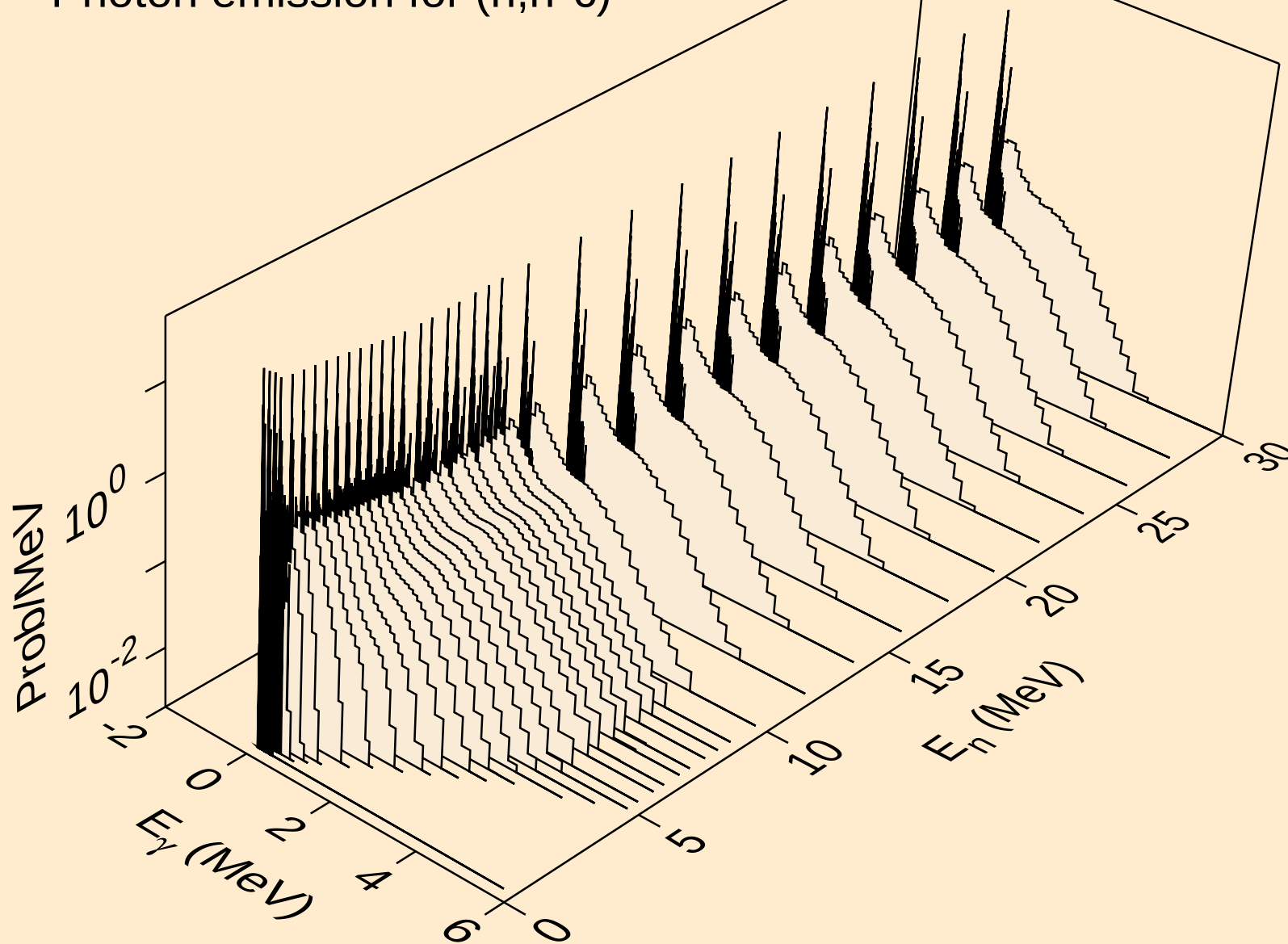
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



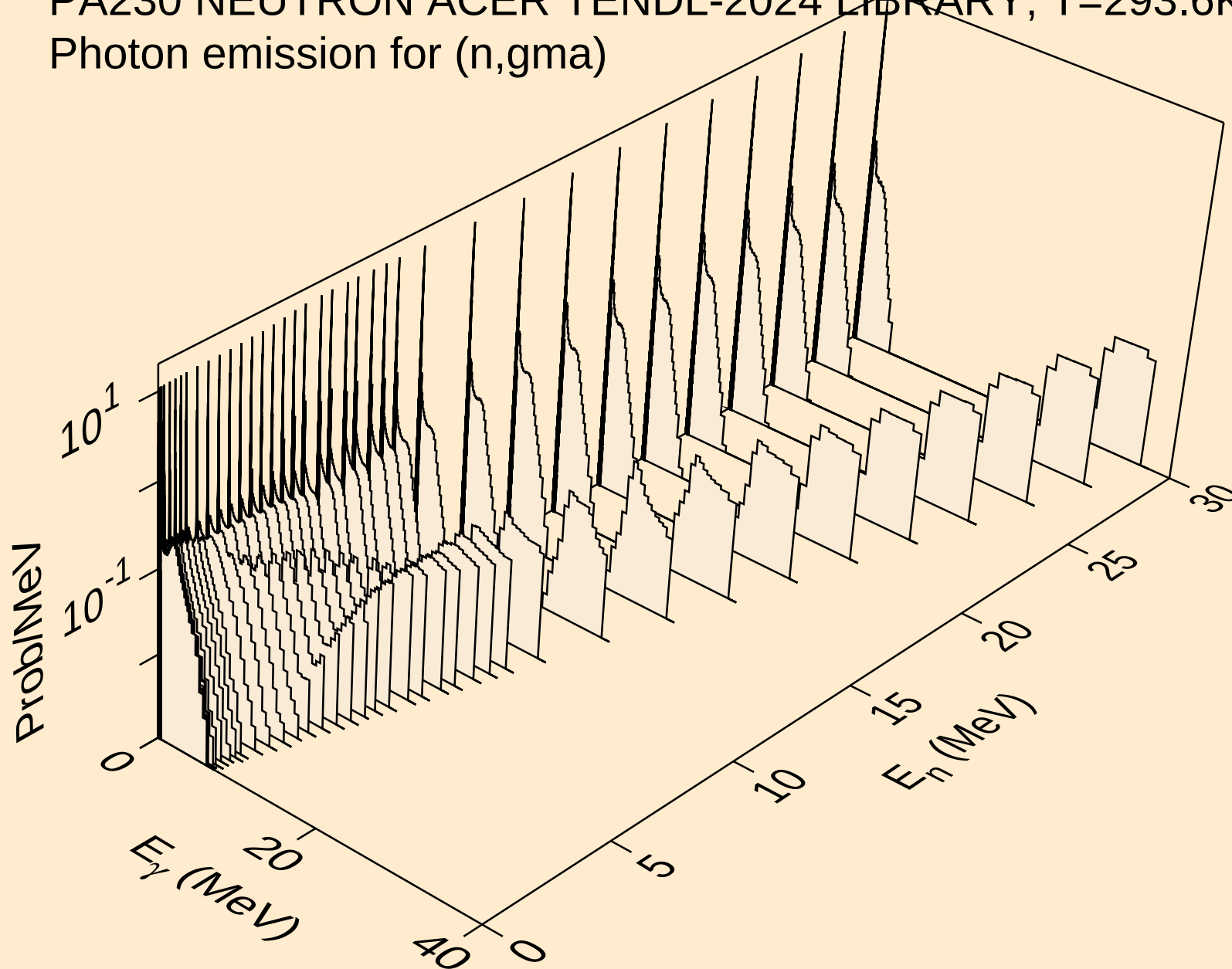
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



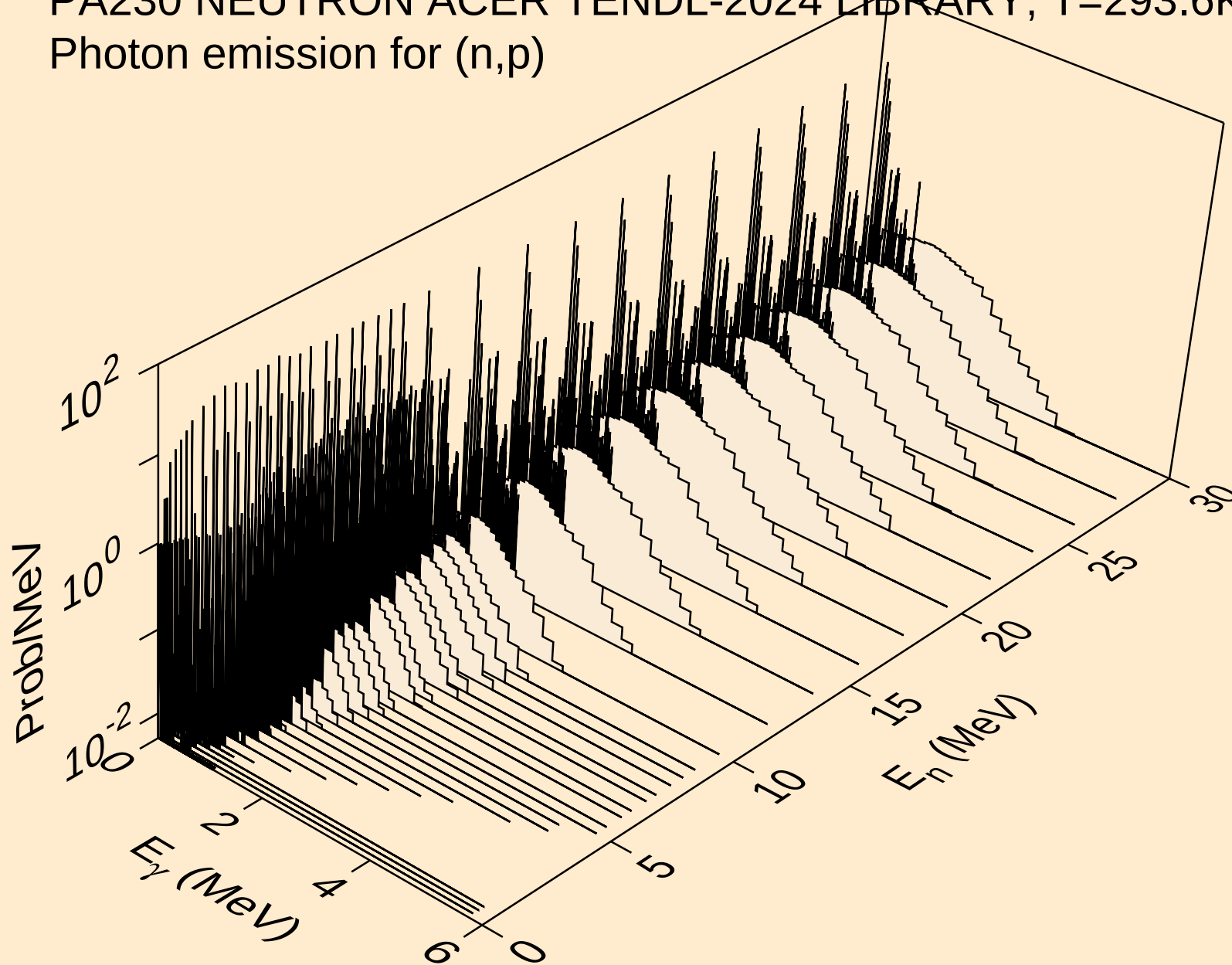
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



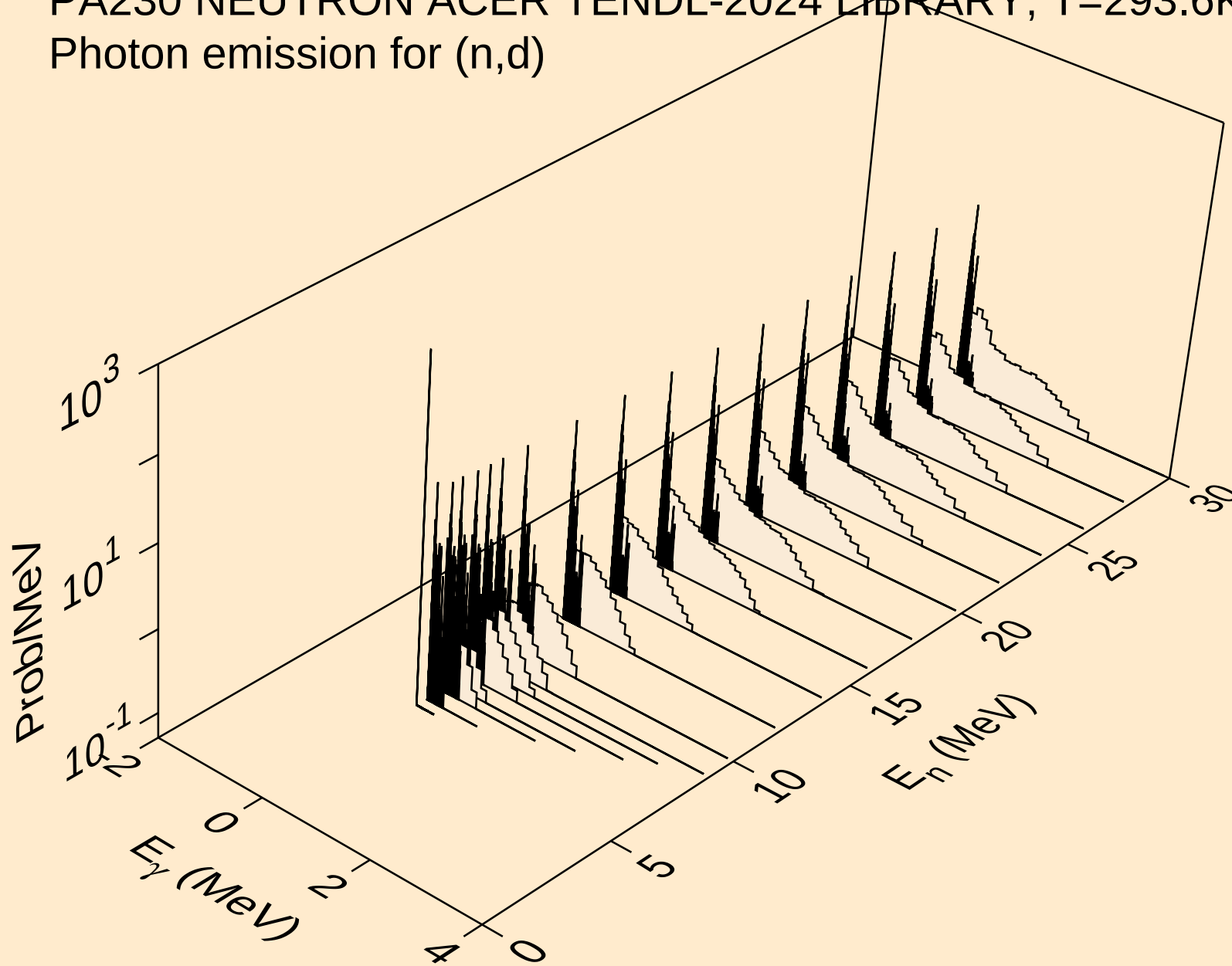
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



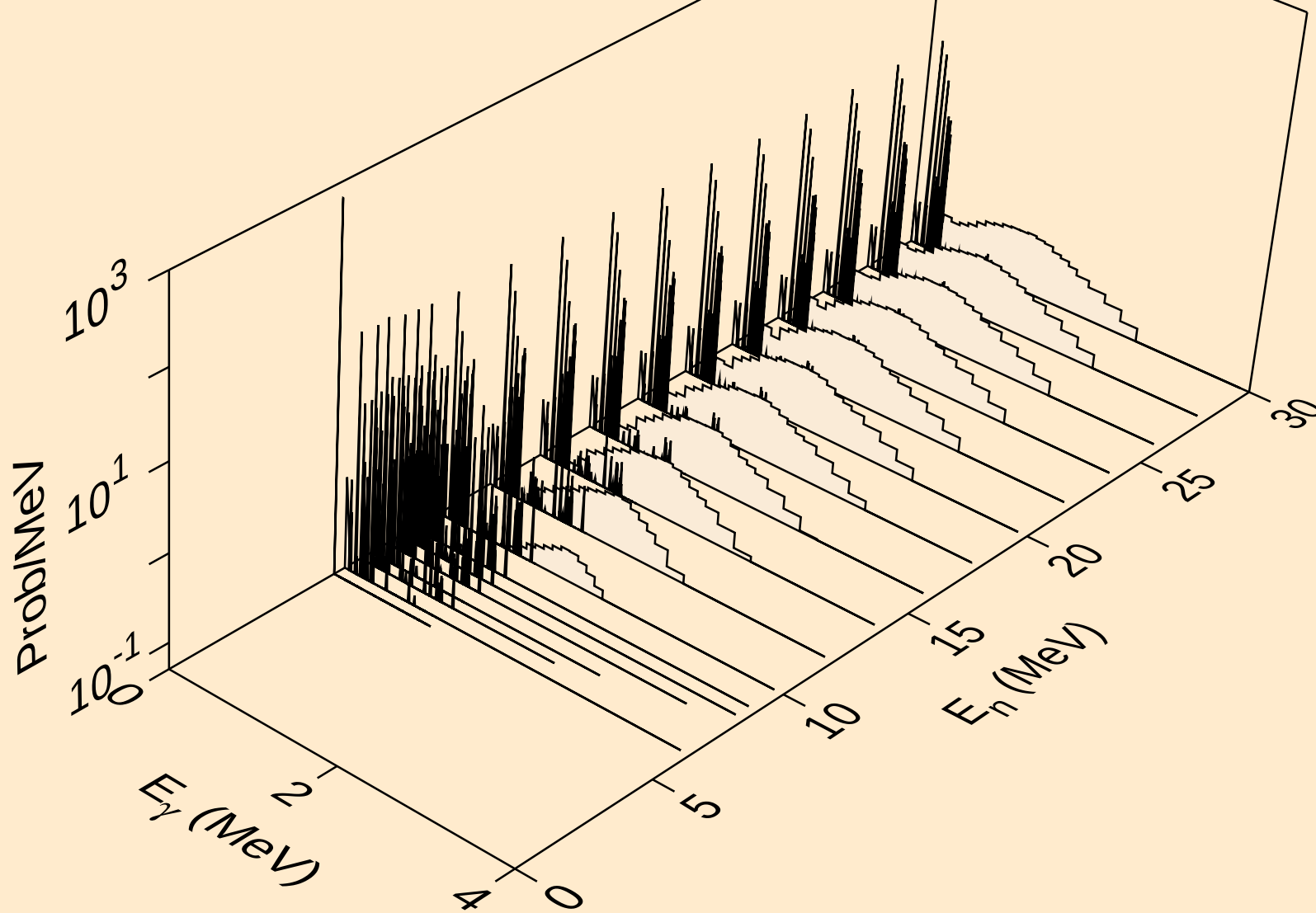
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



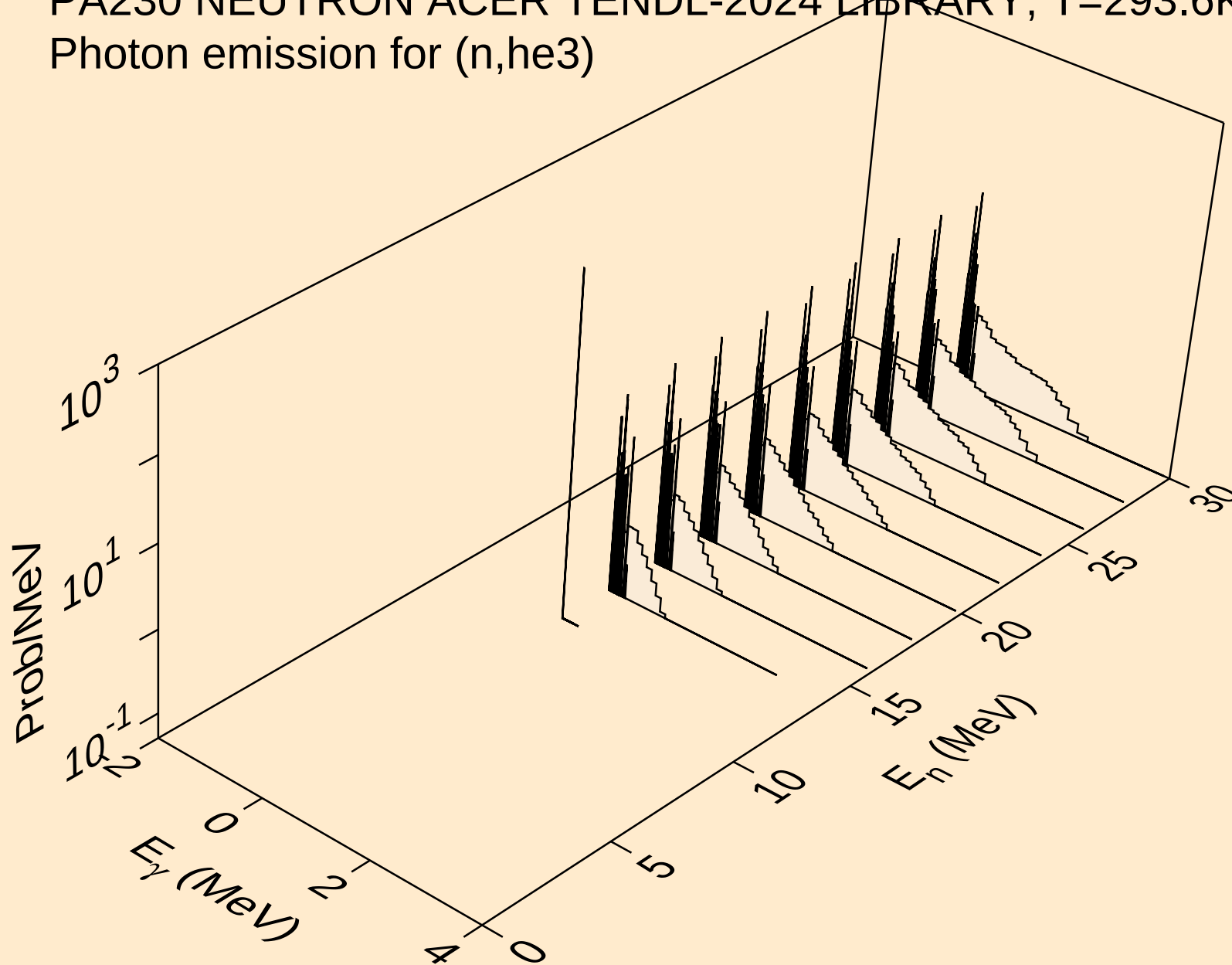
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



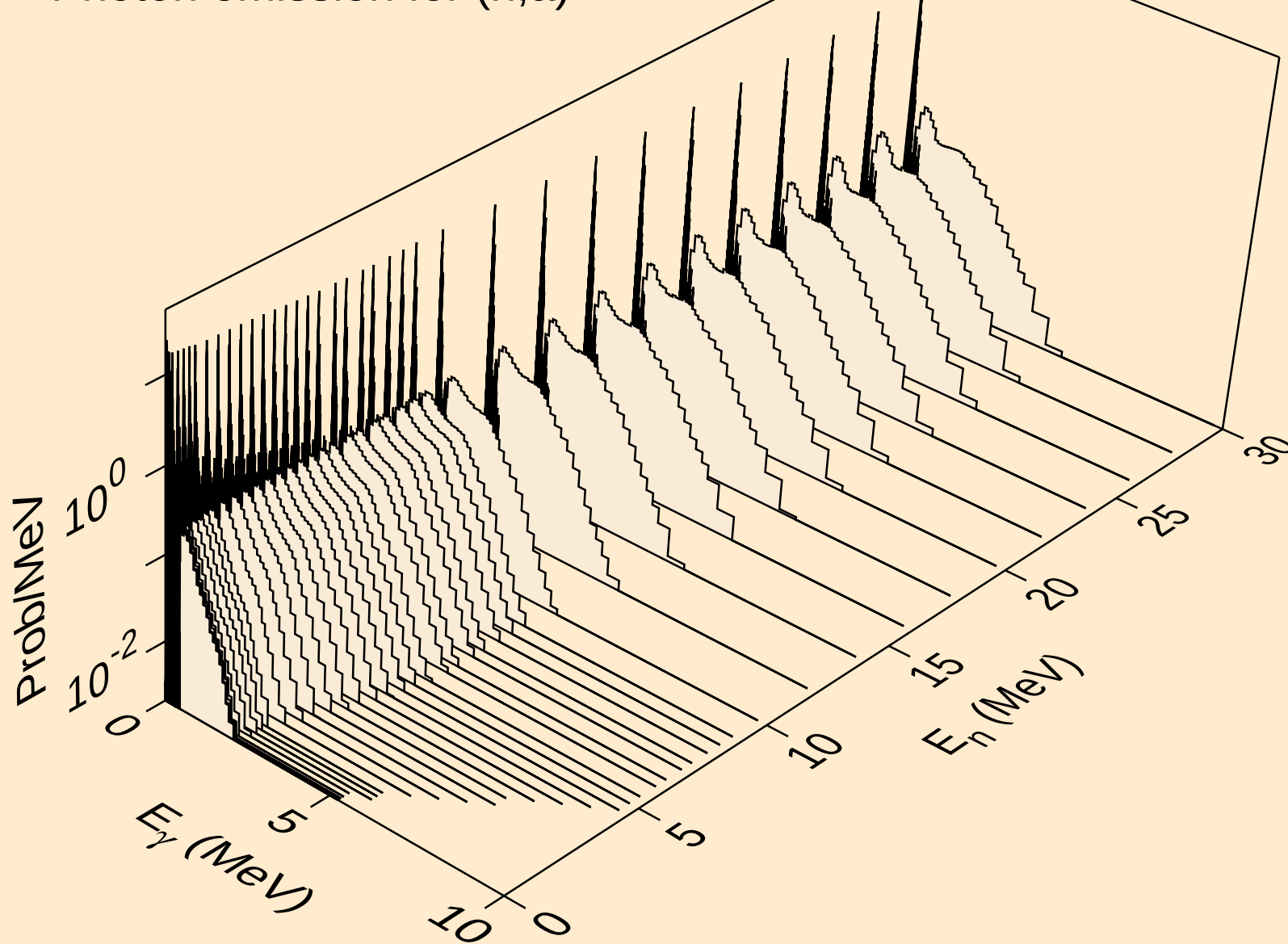
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



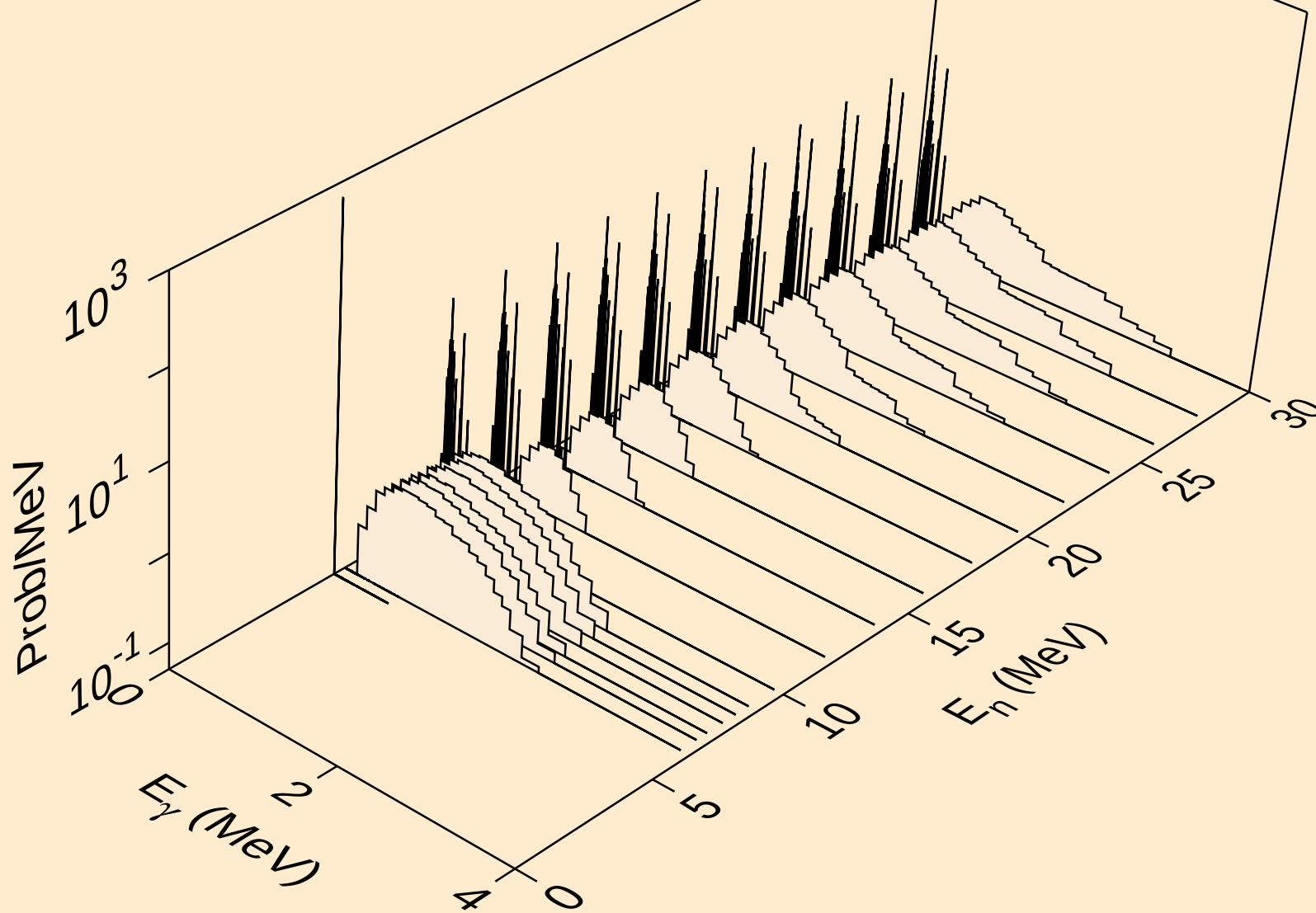
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



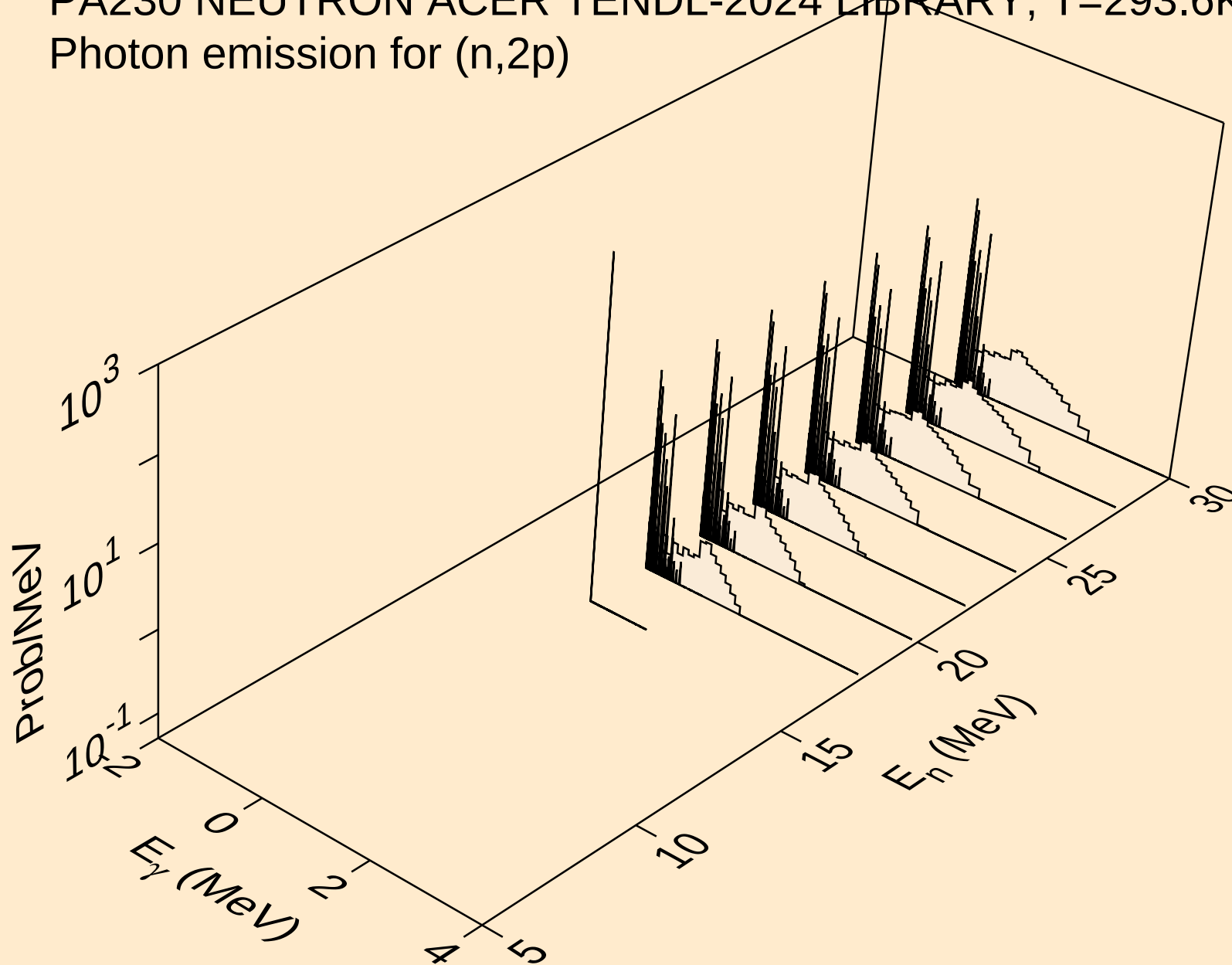
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Photon emission for (n,a)



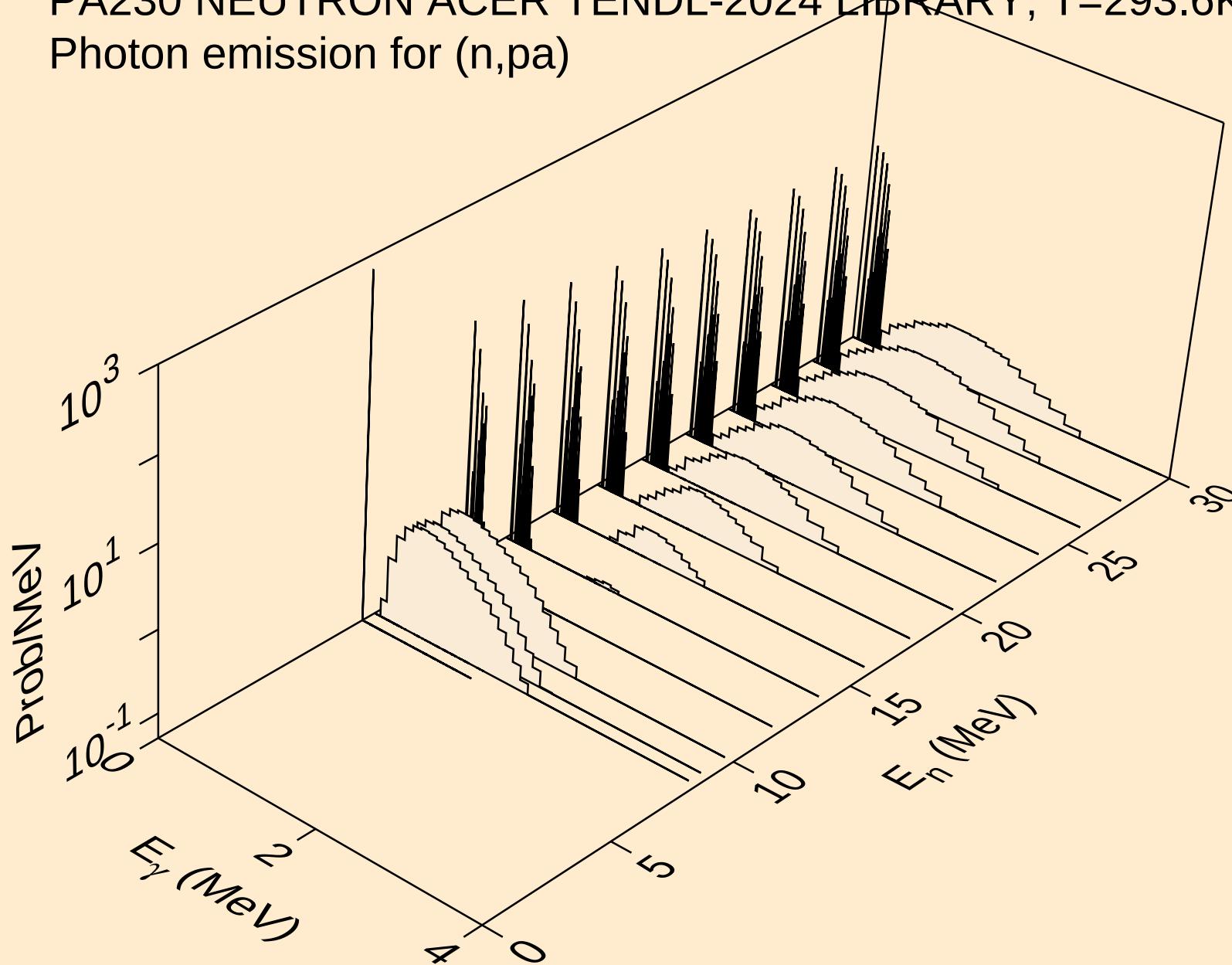
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



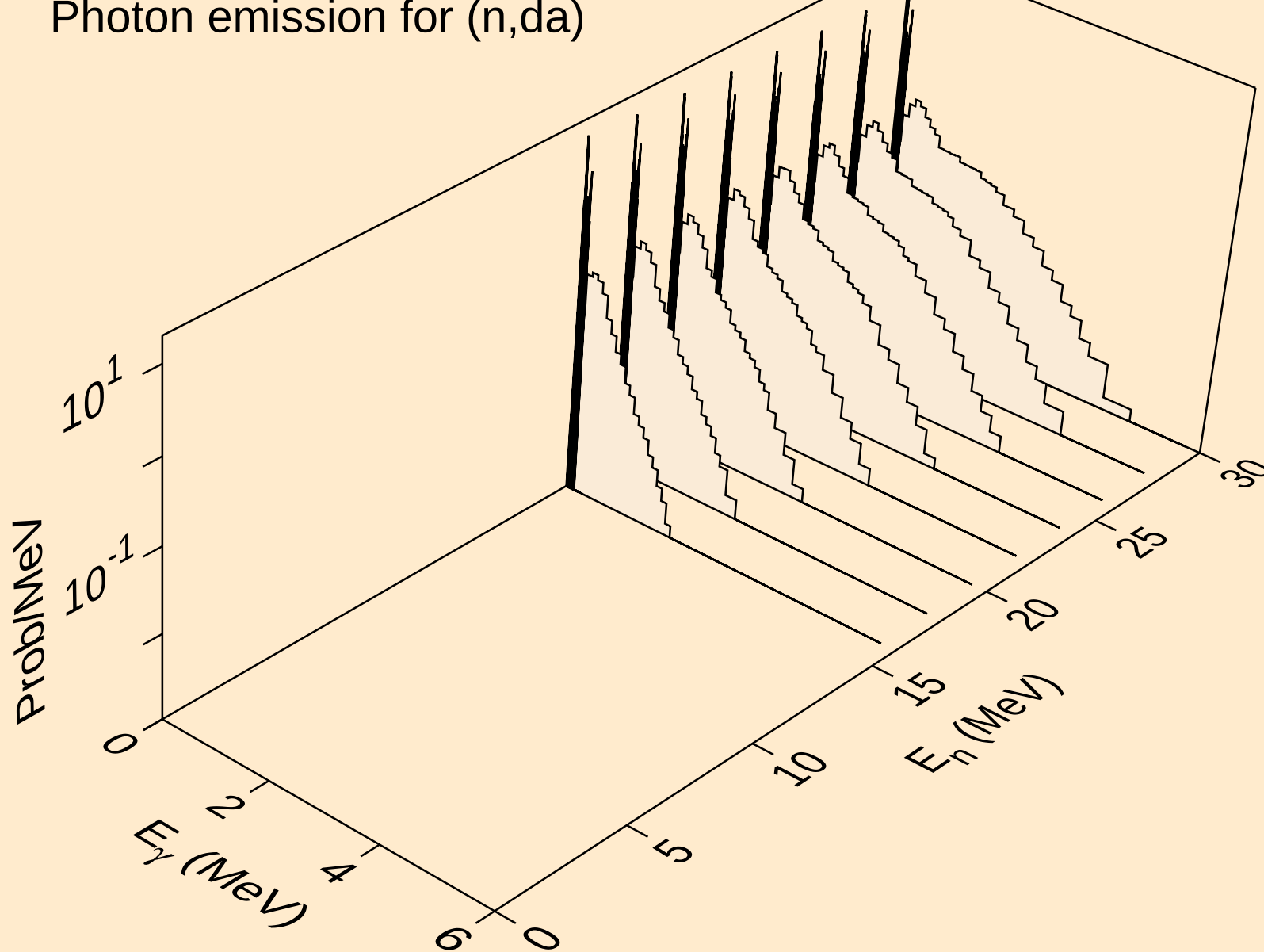
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



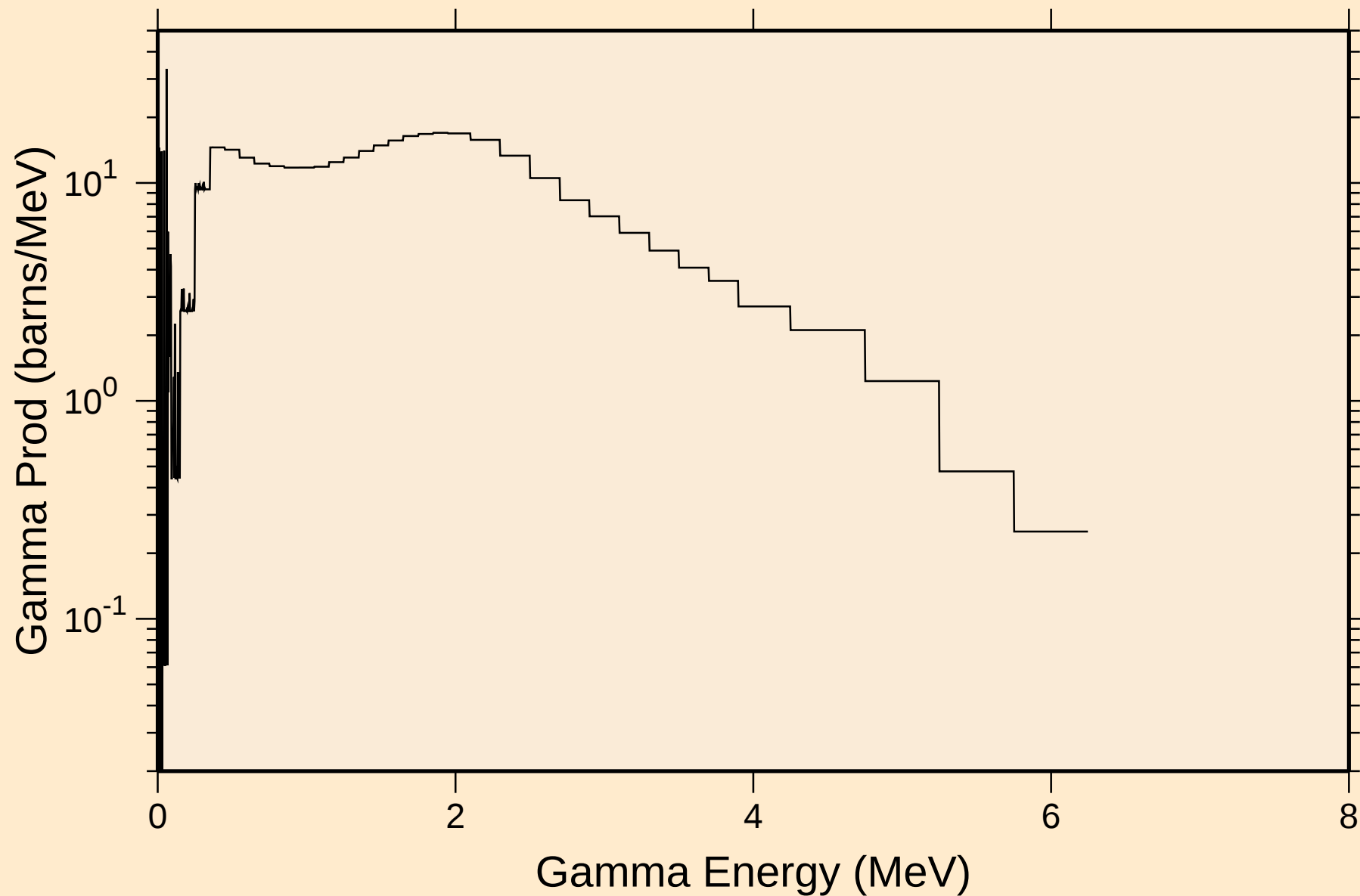
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



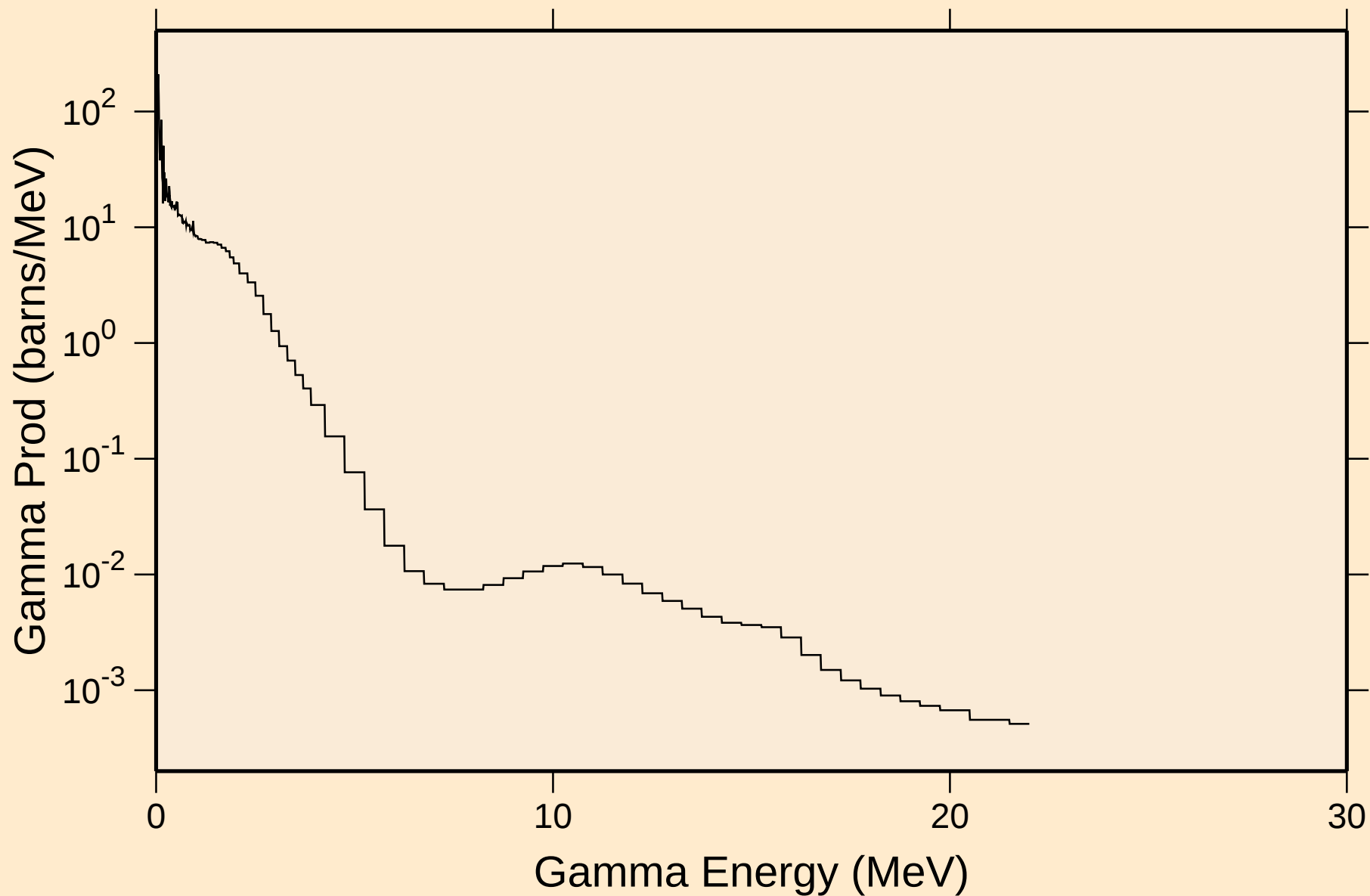
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



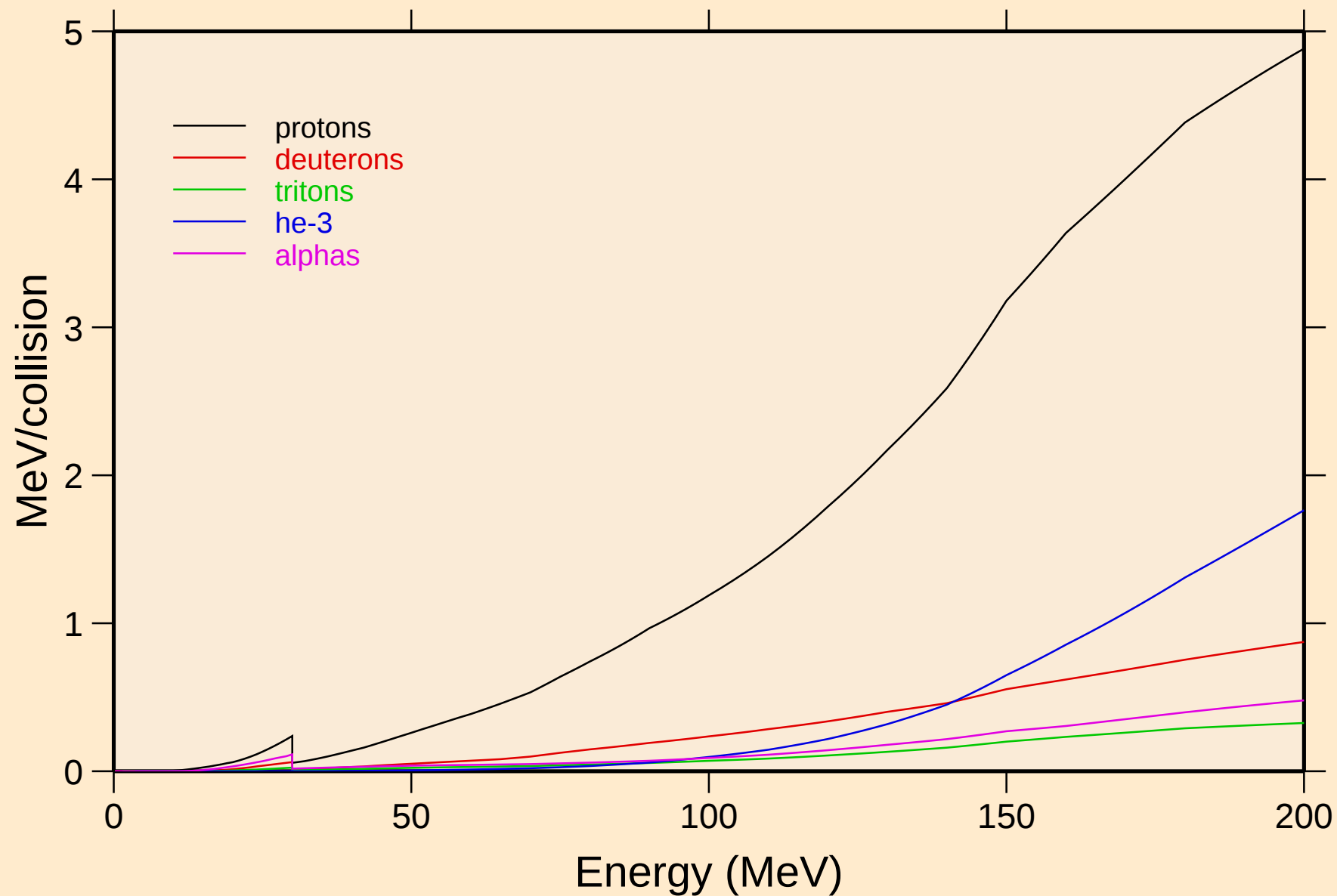
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



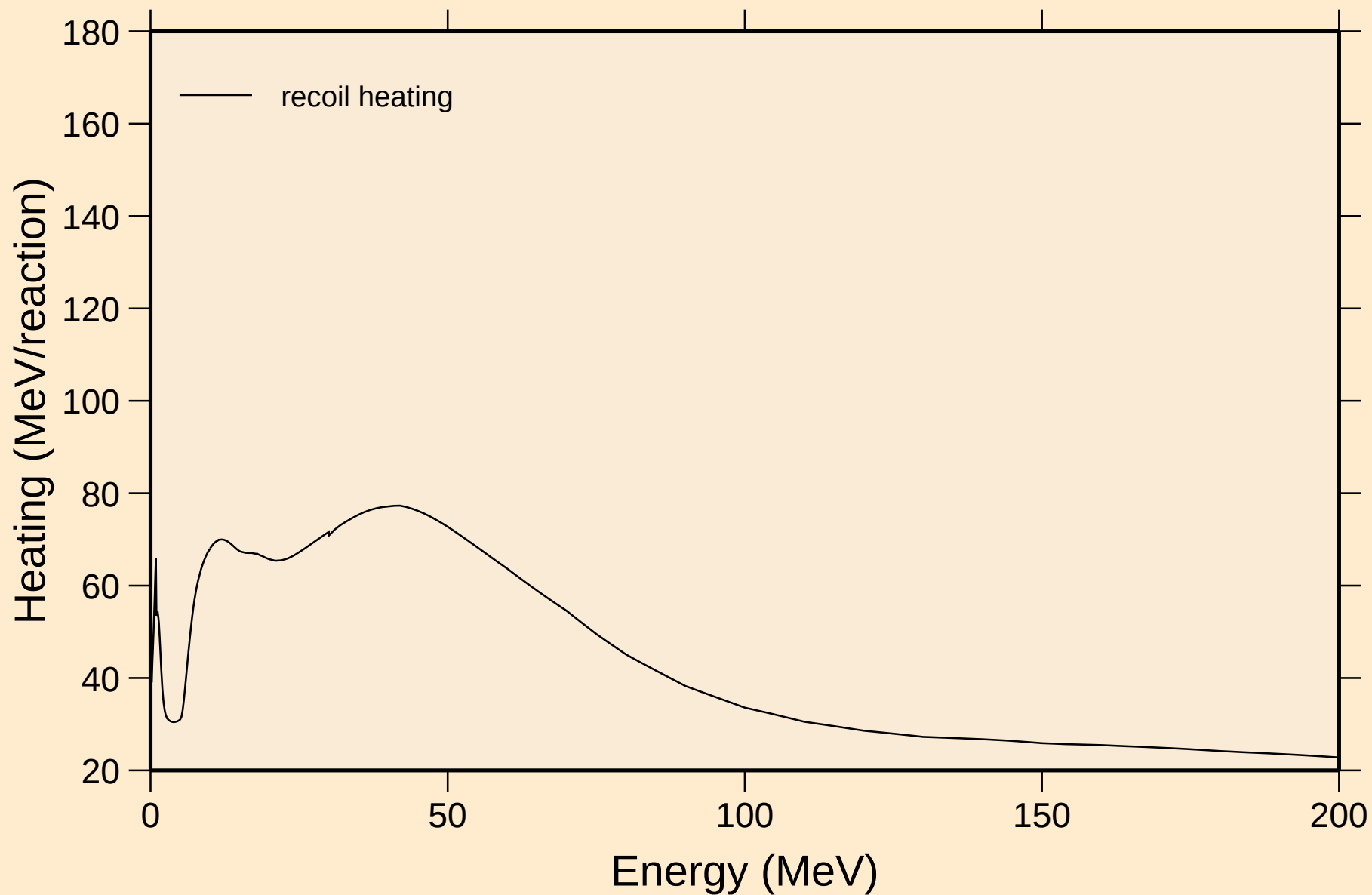
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



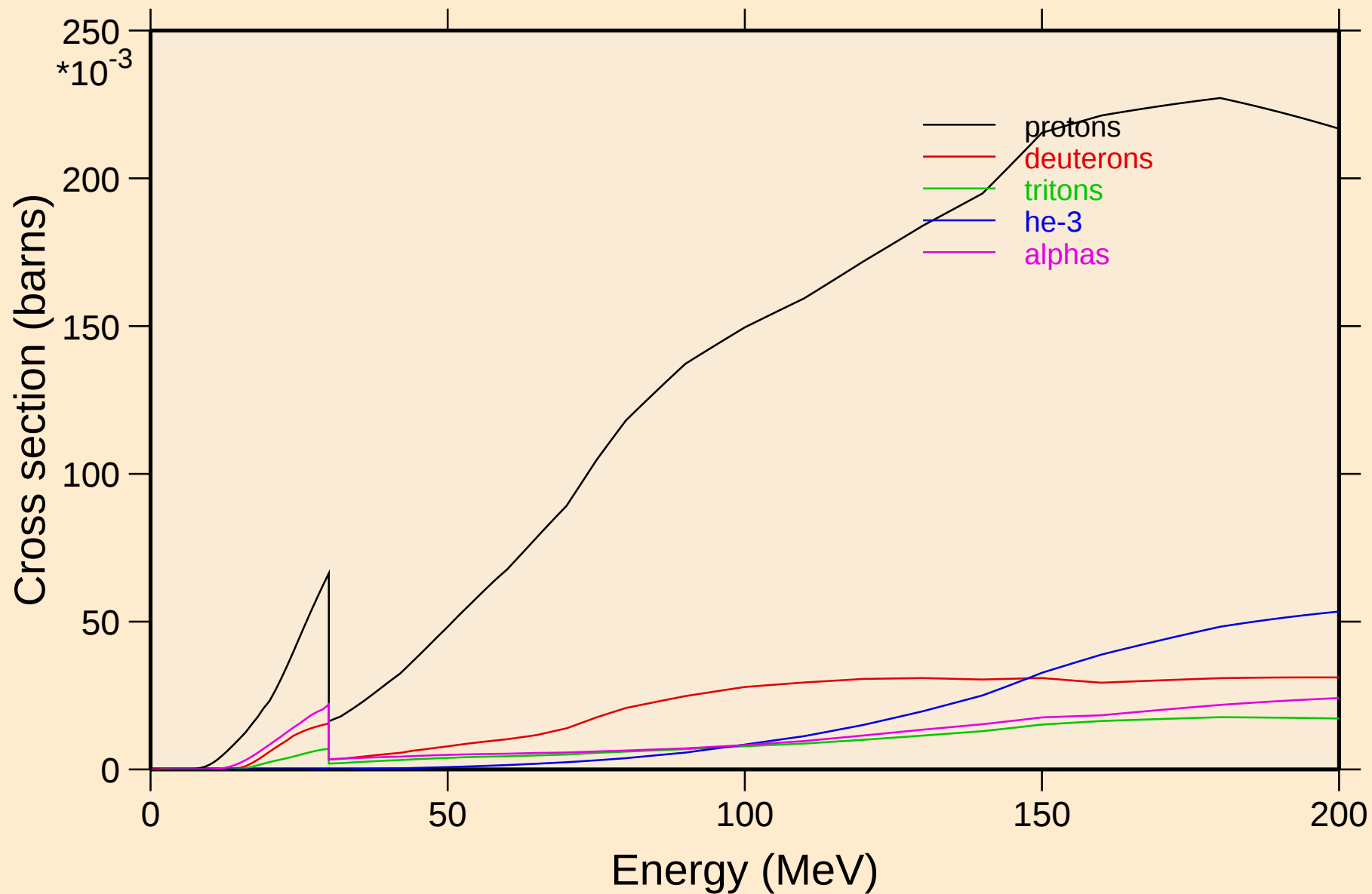
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



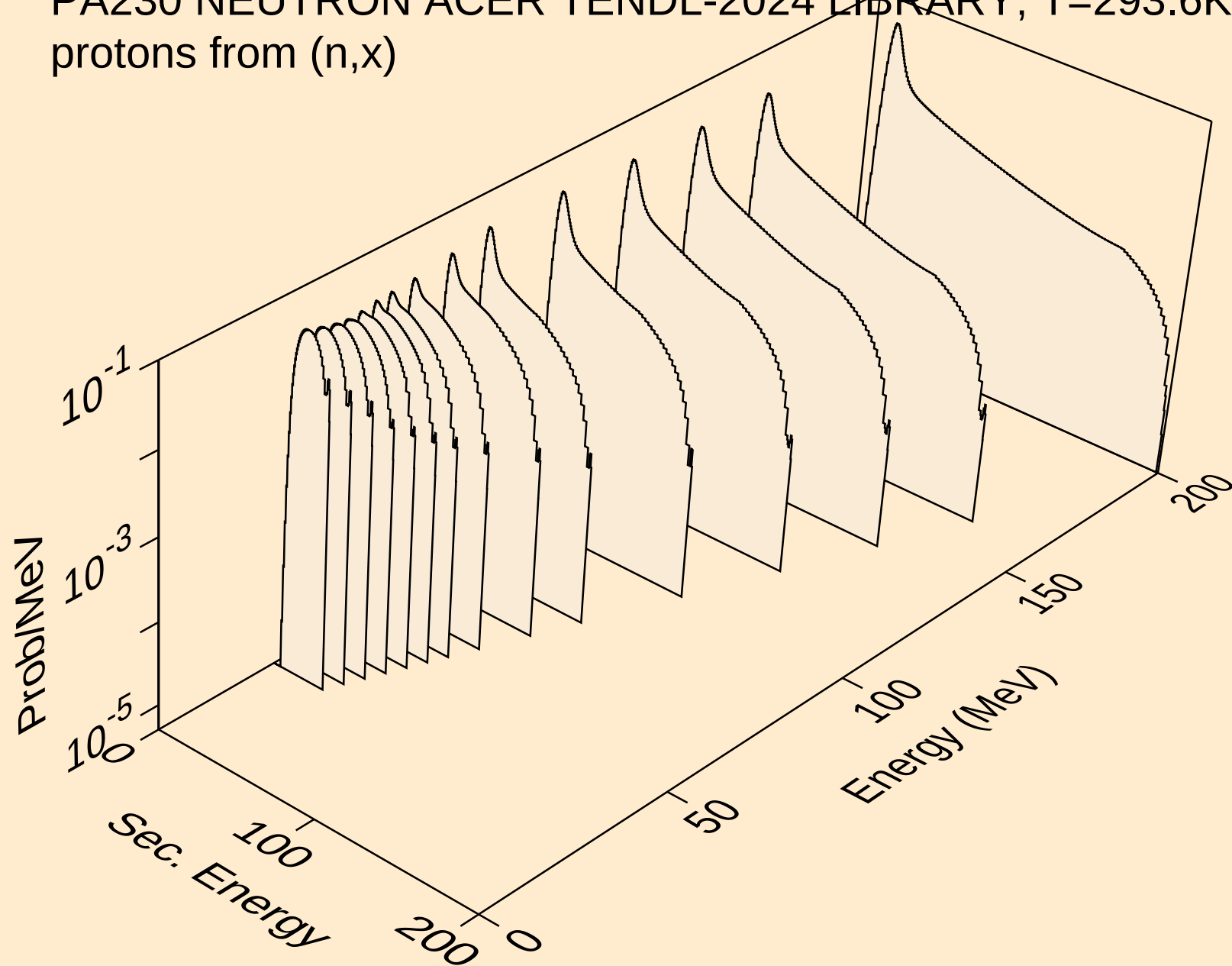
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



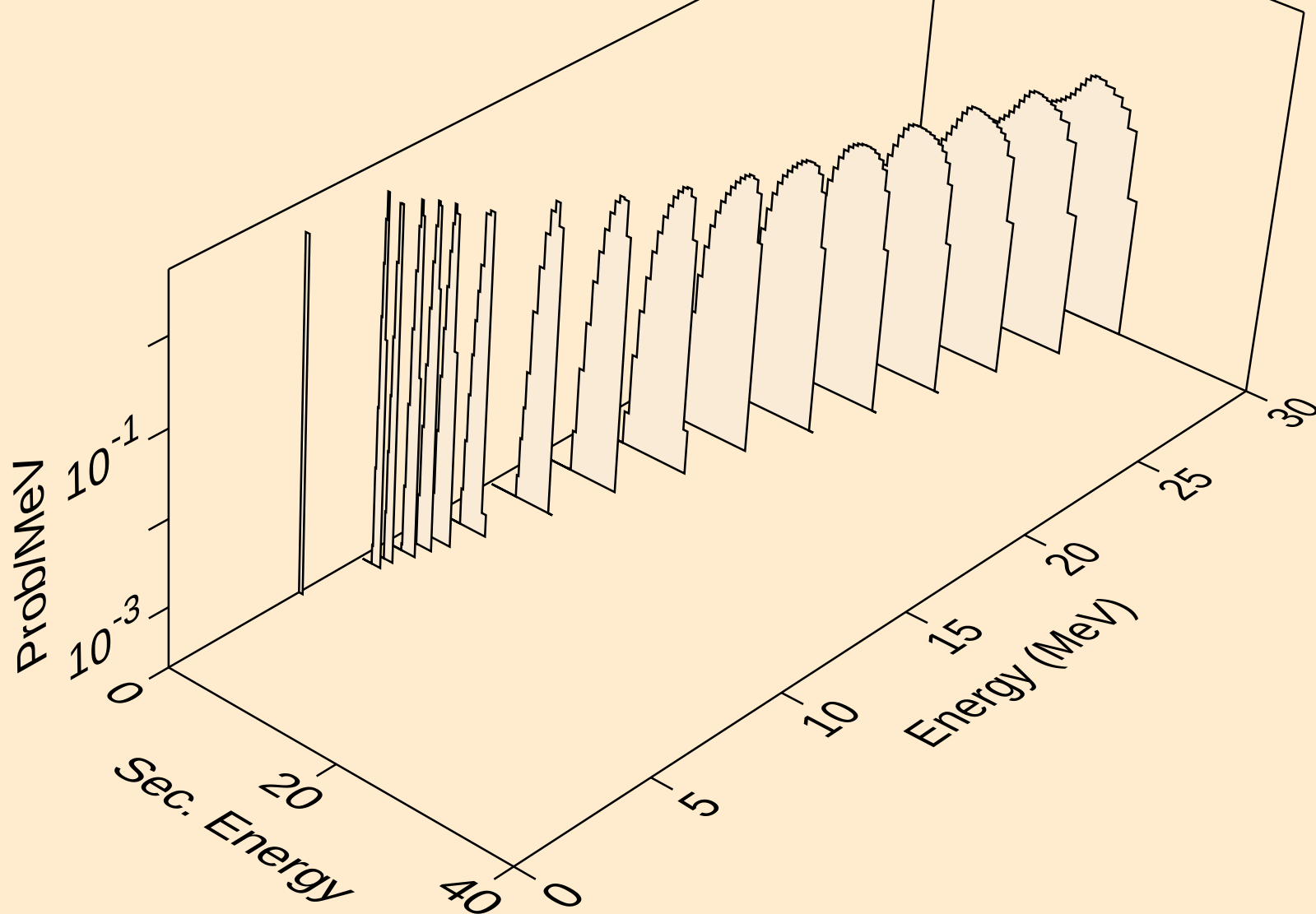
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



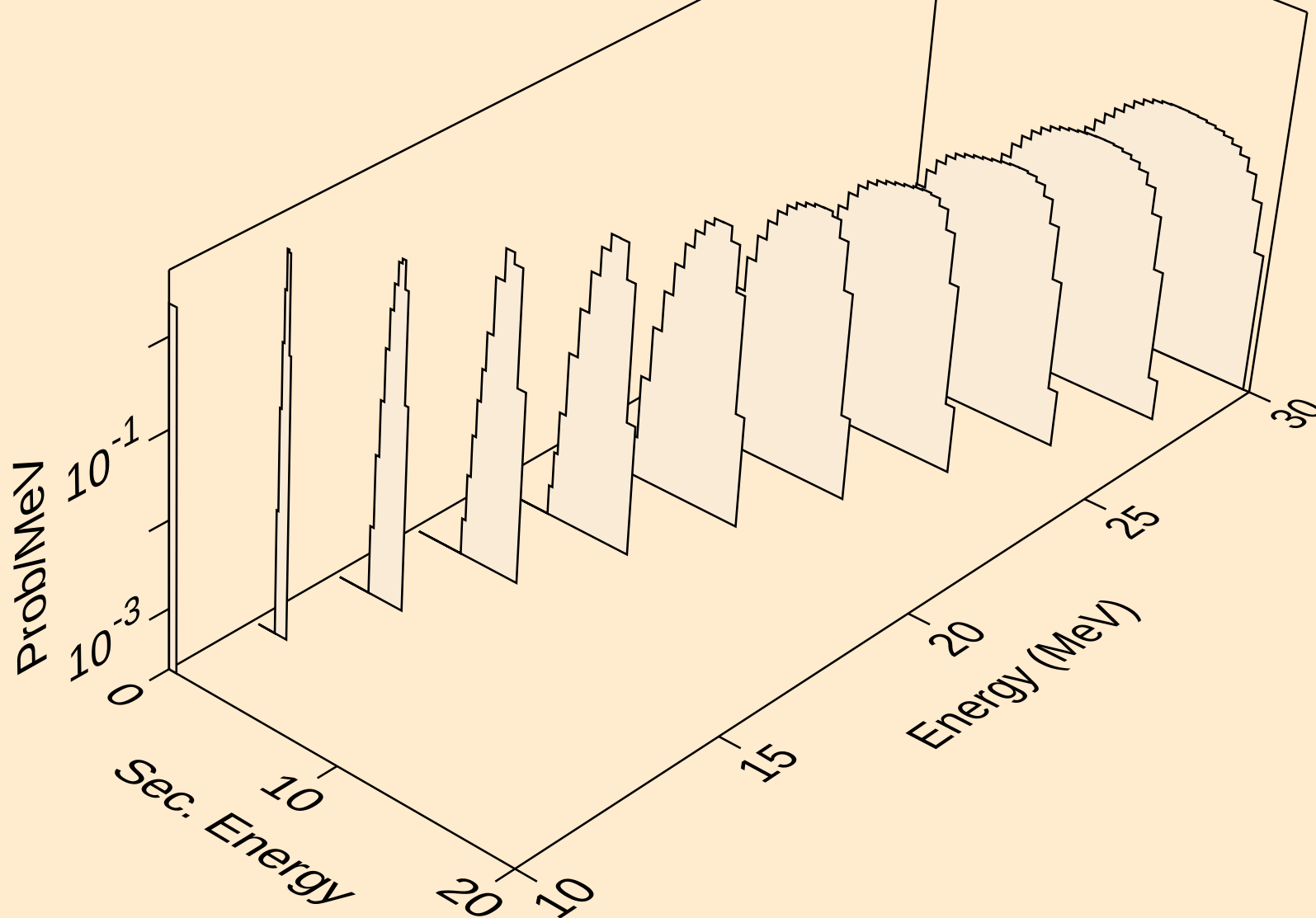
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



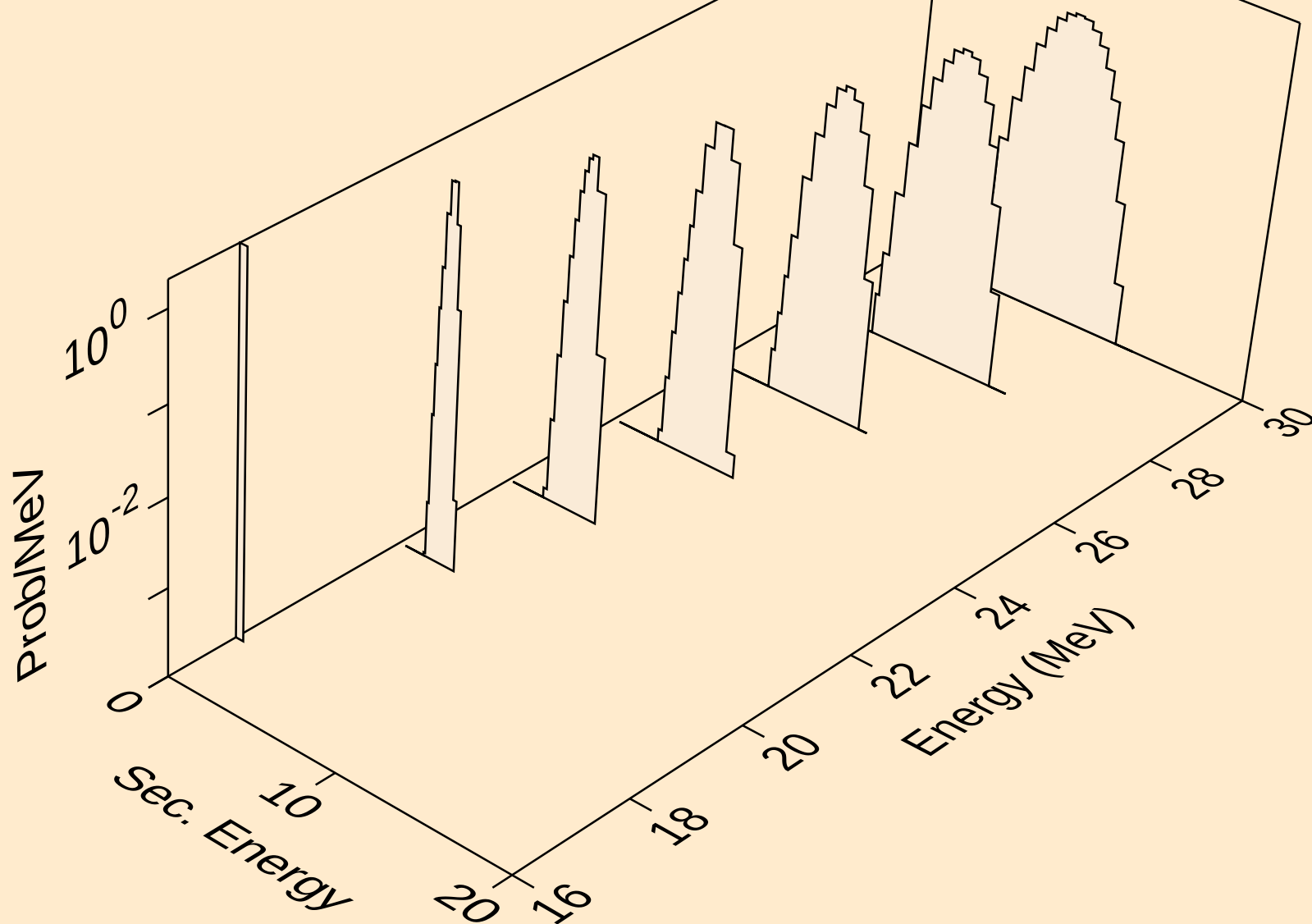
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



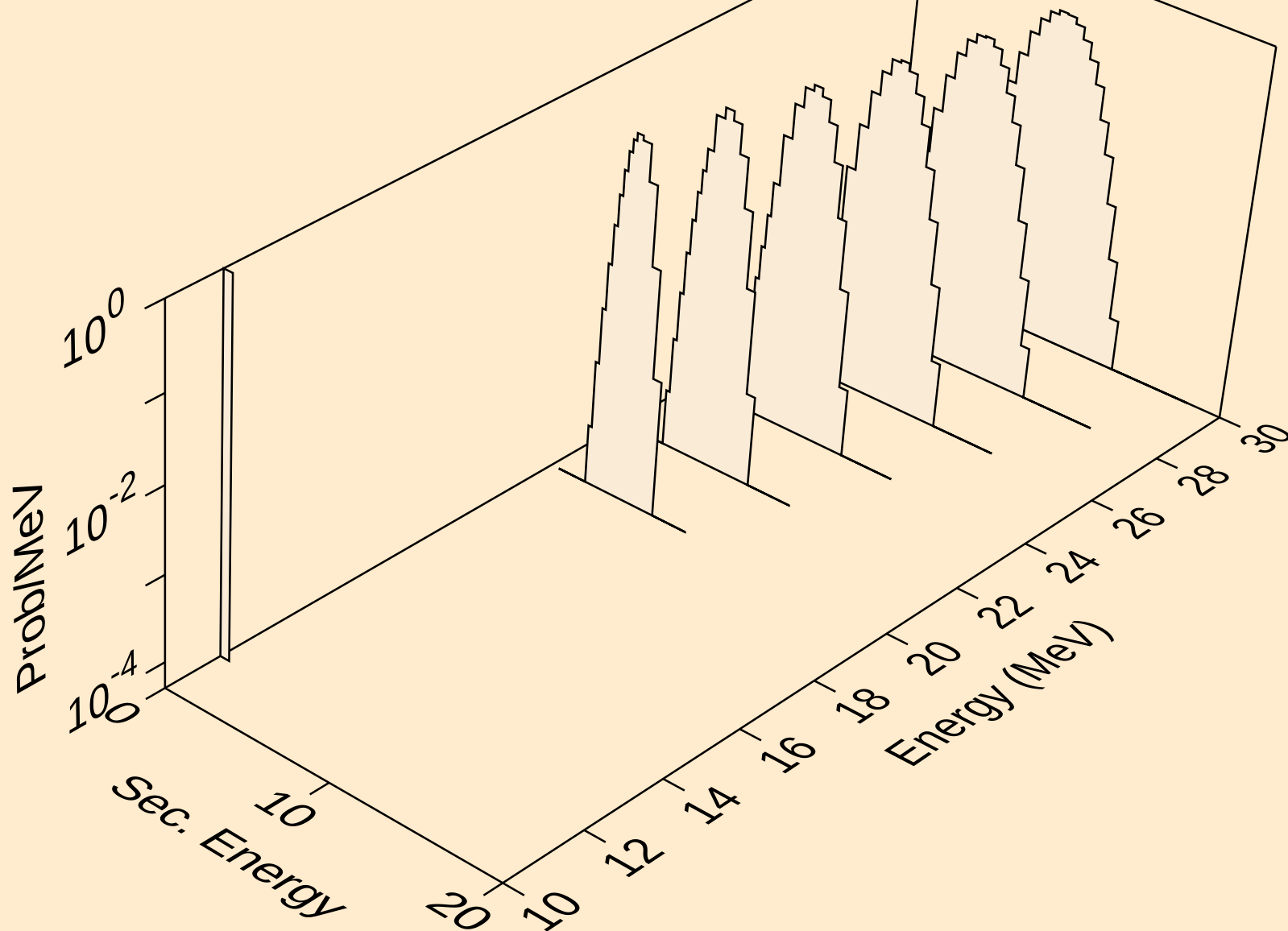
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protons from (n,2np)



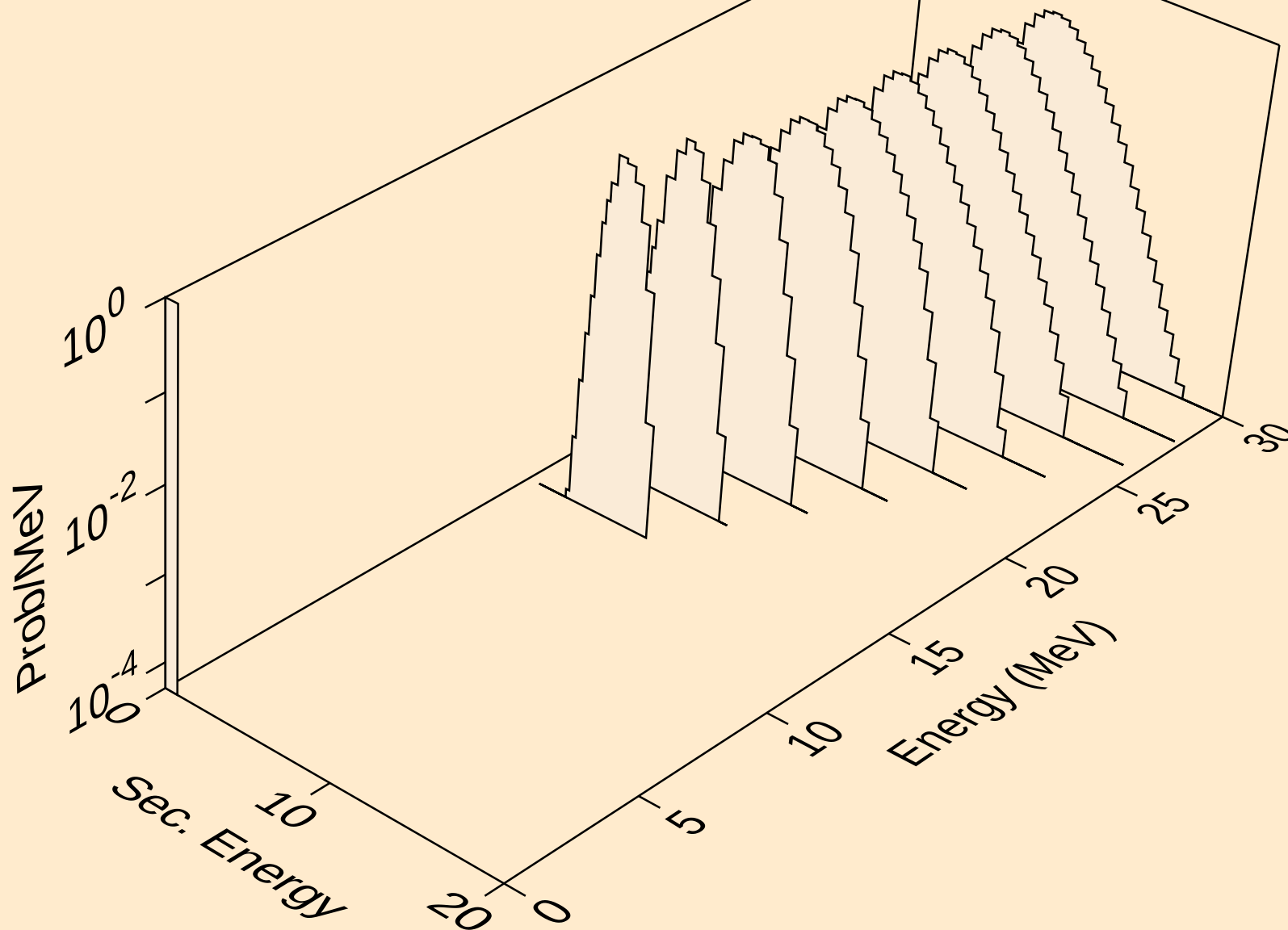
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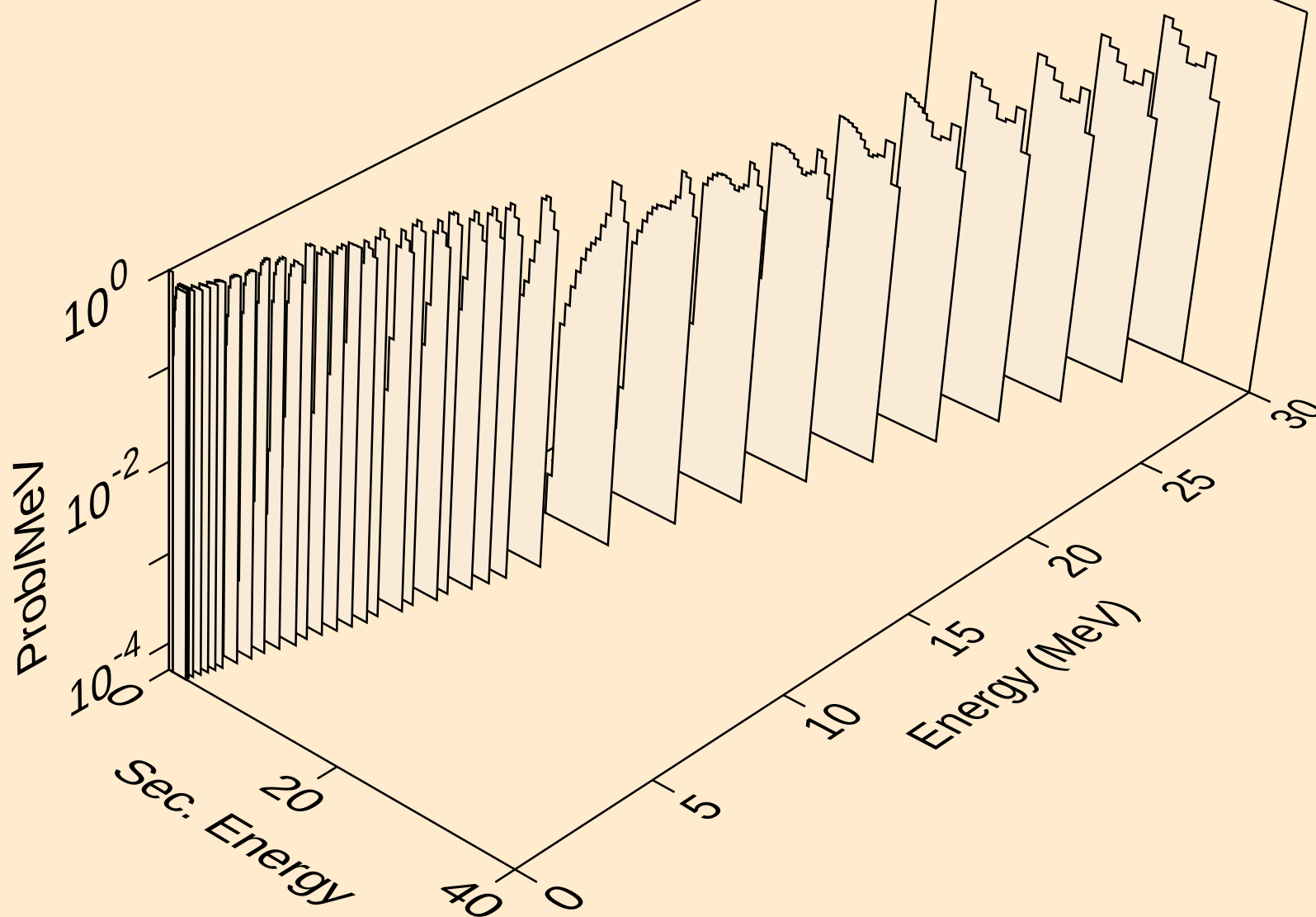
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protons from (n,n2p)



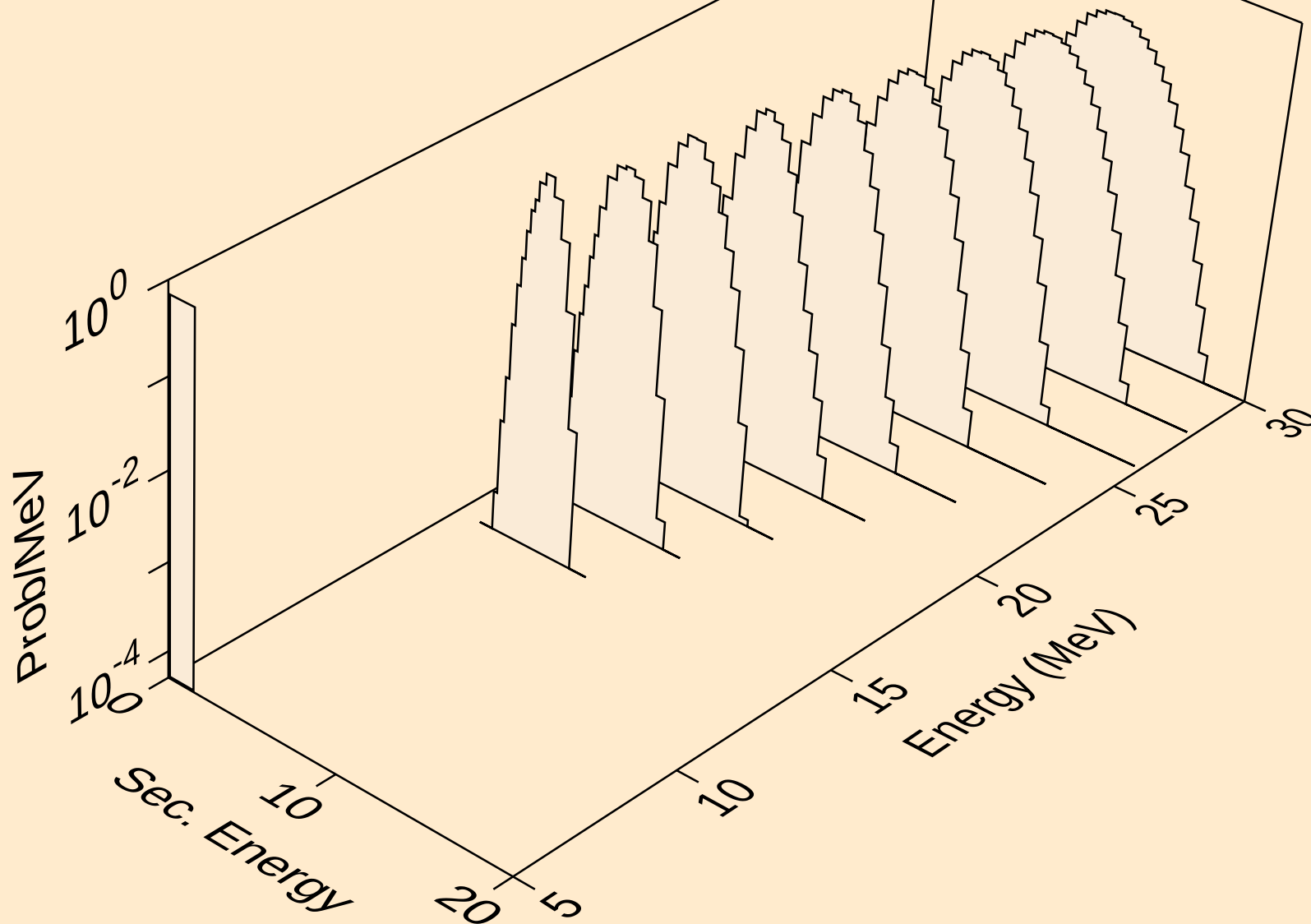
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protons from (n,npa)



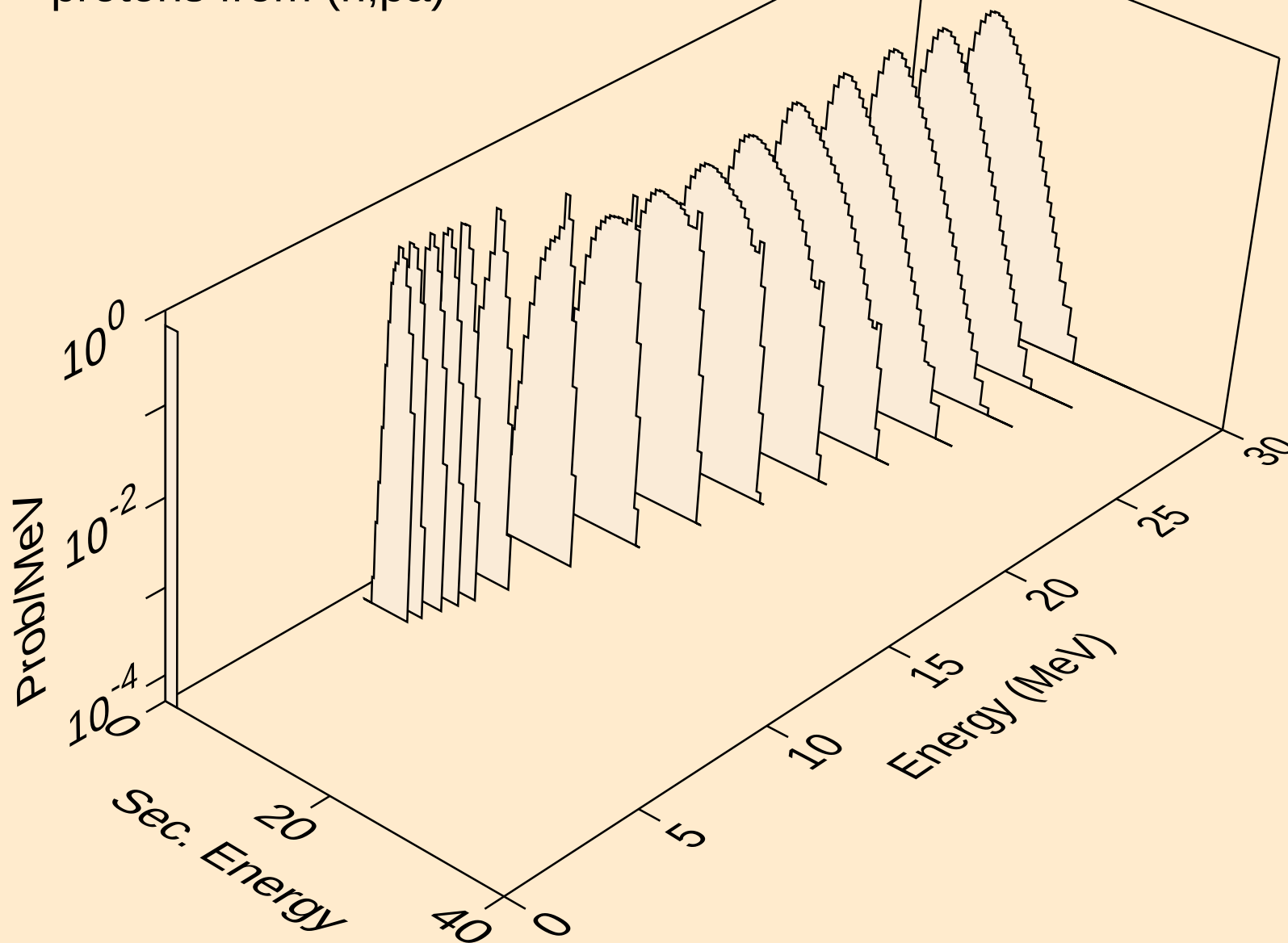
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protons from (n,p)



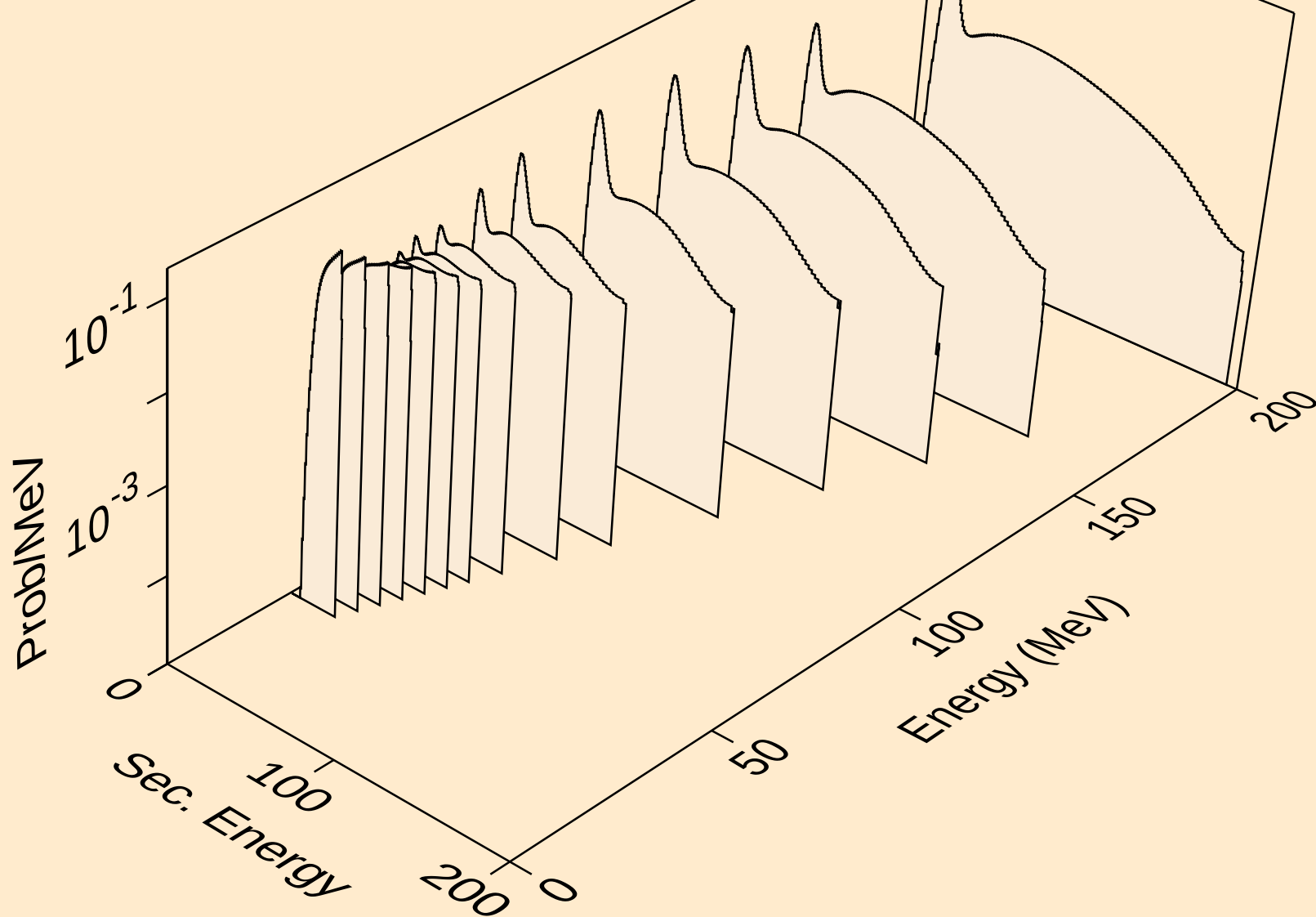
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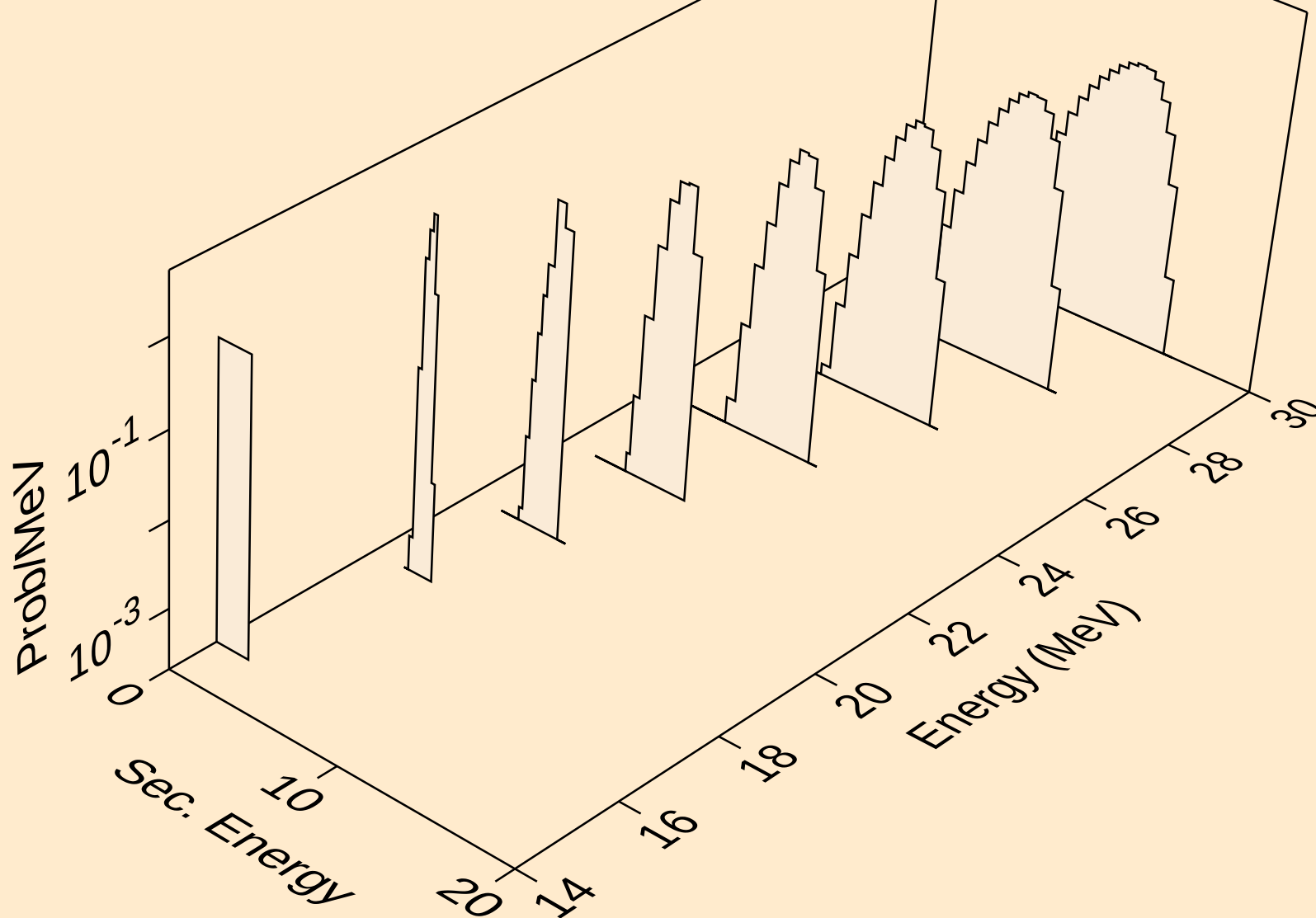
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protons from (n,p)



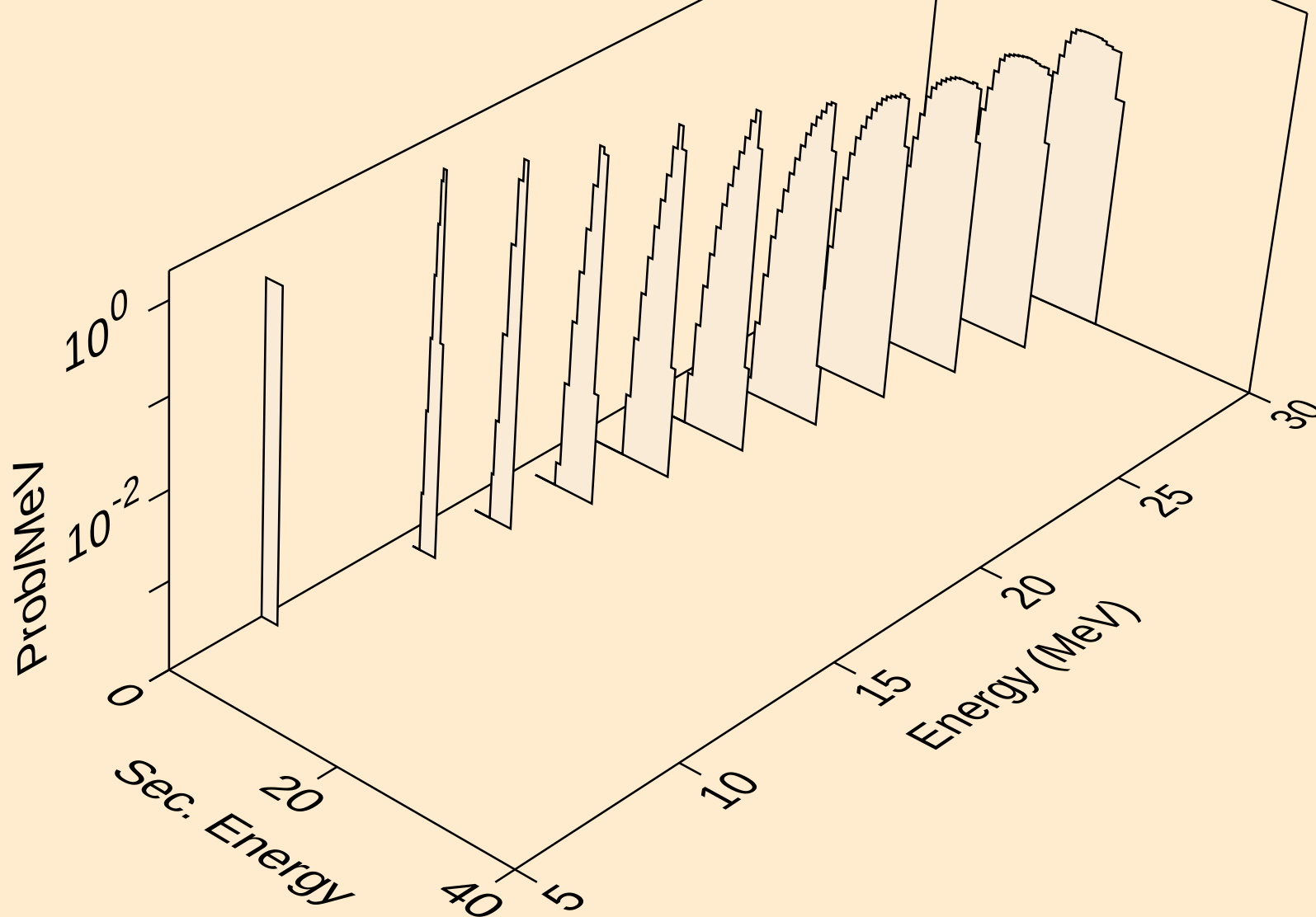
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



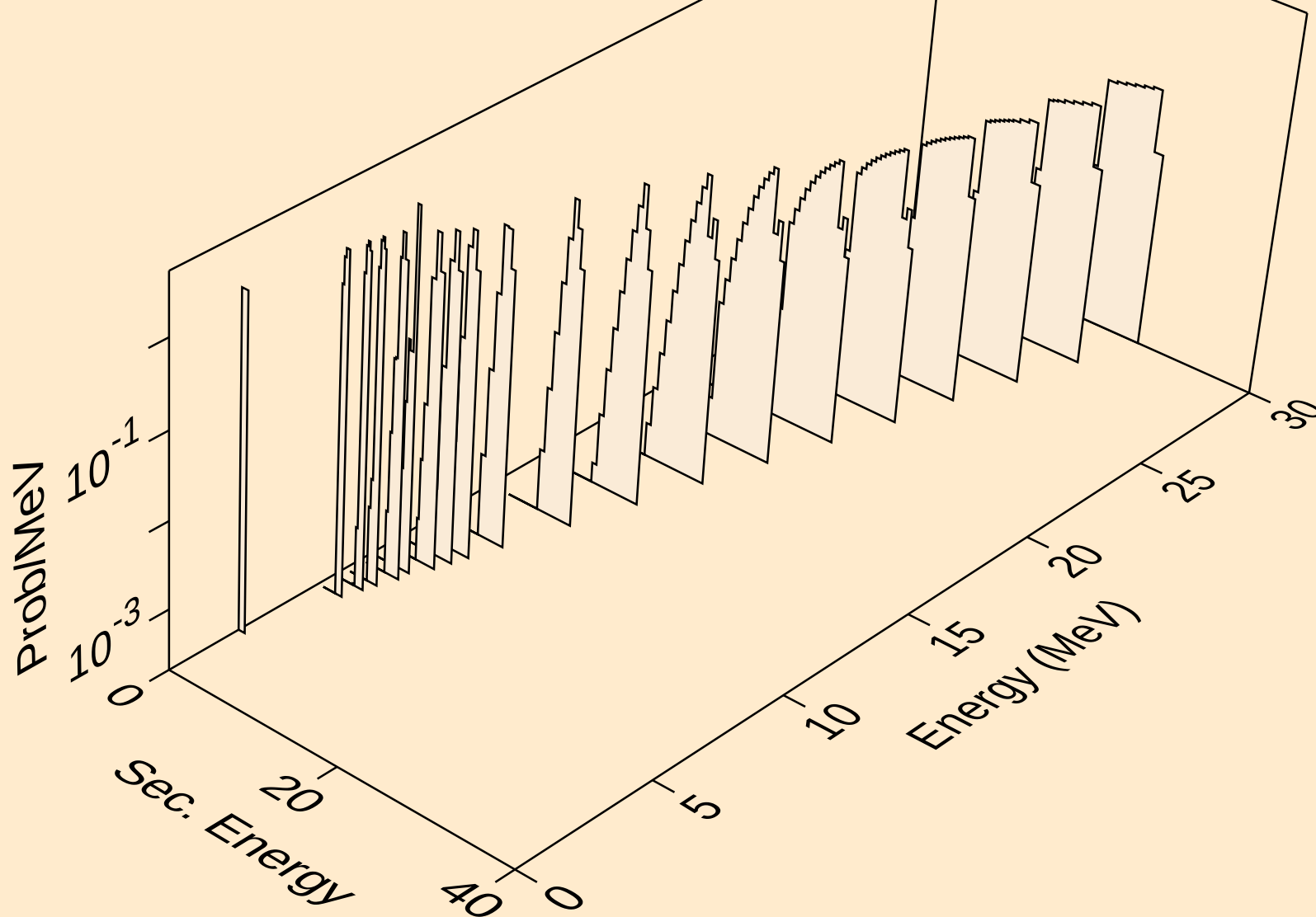
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



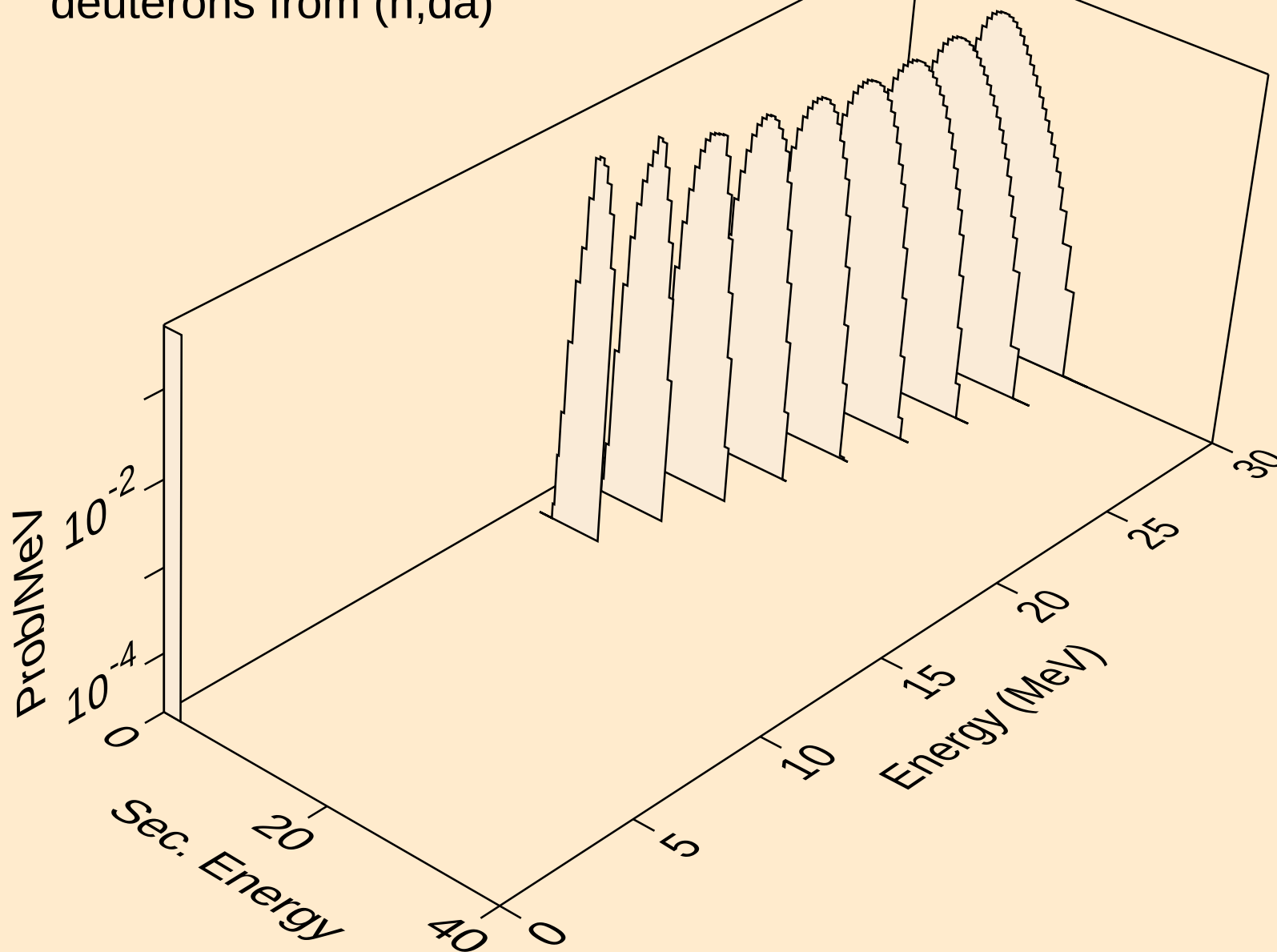
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



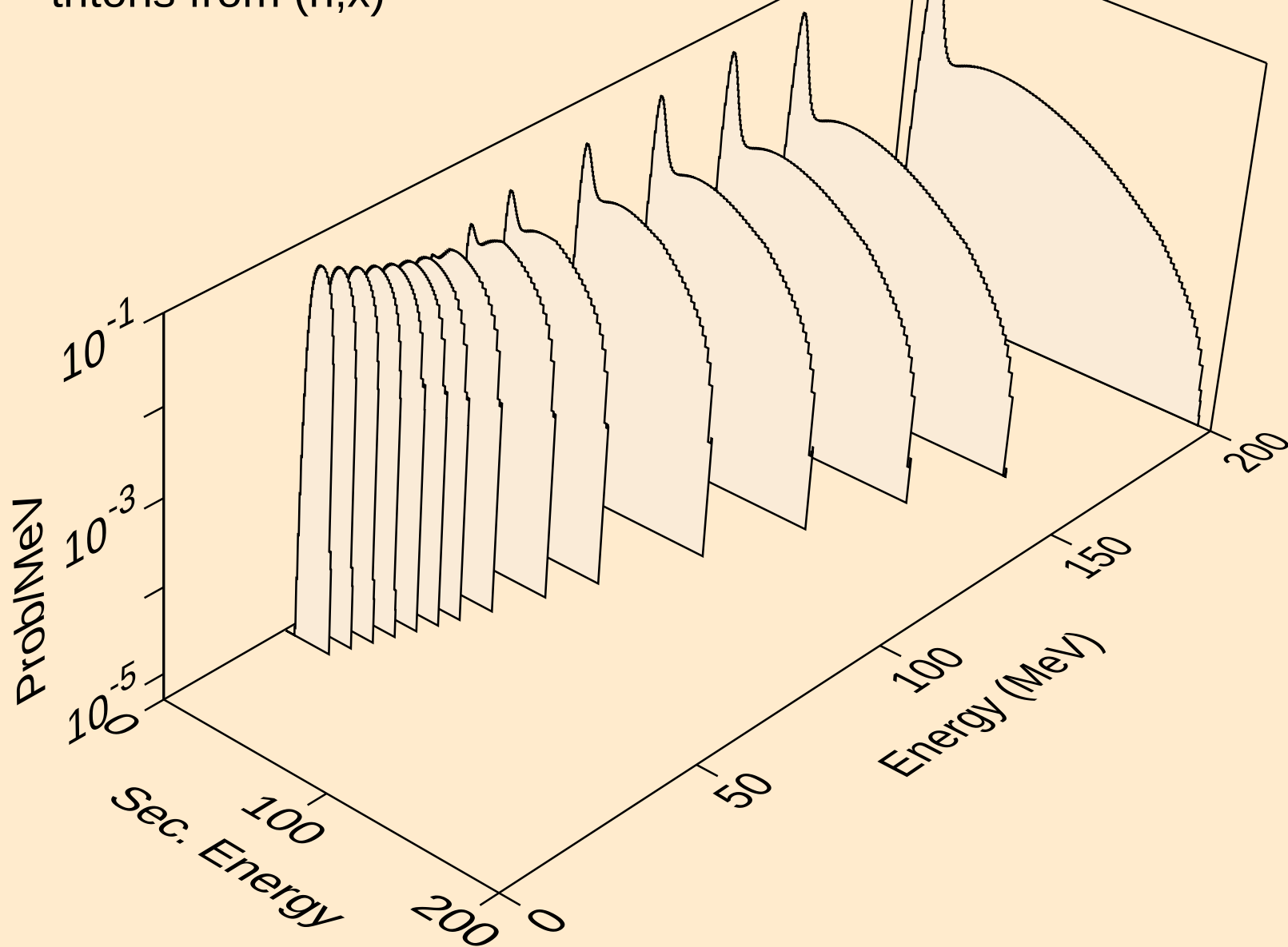
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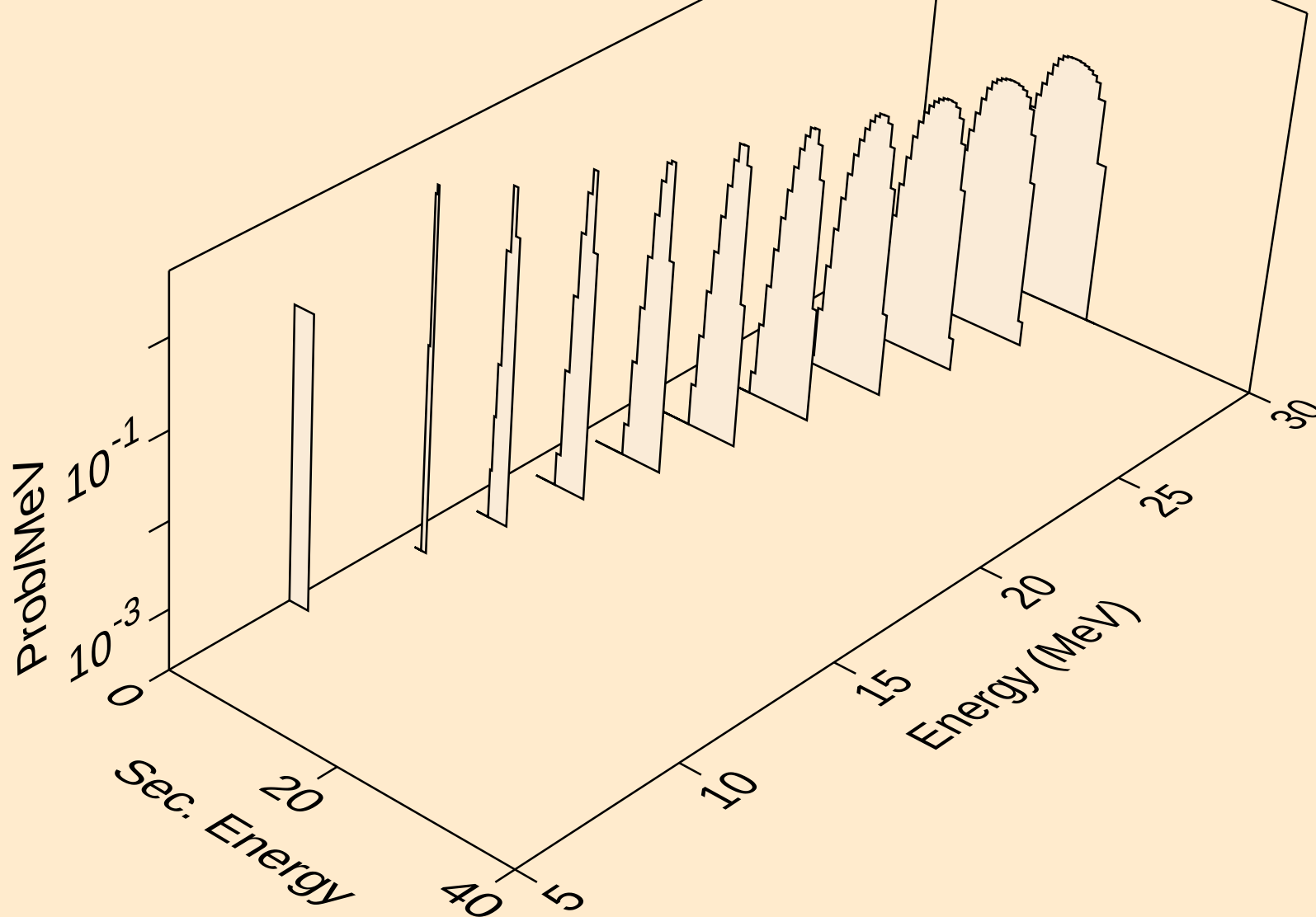
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



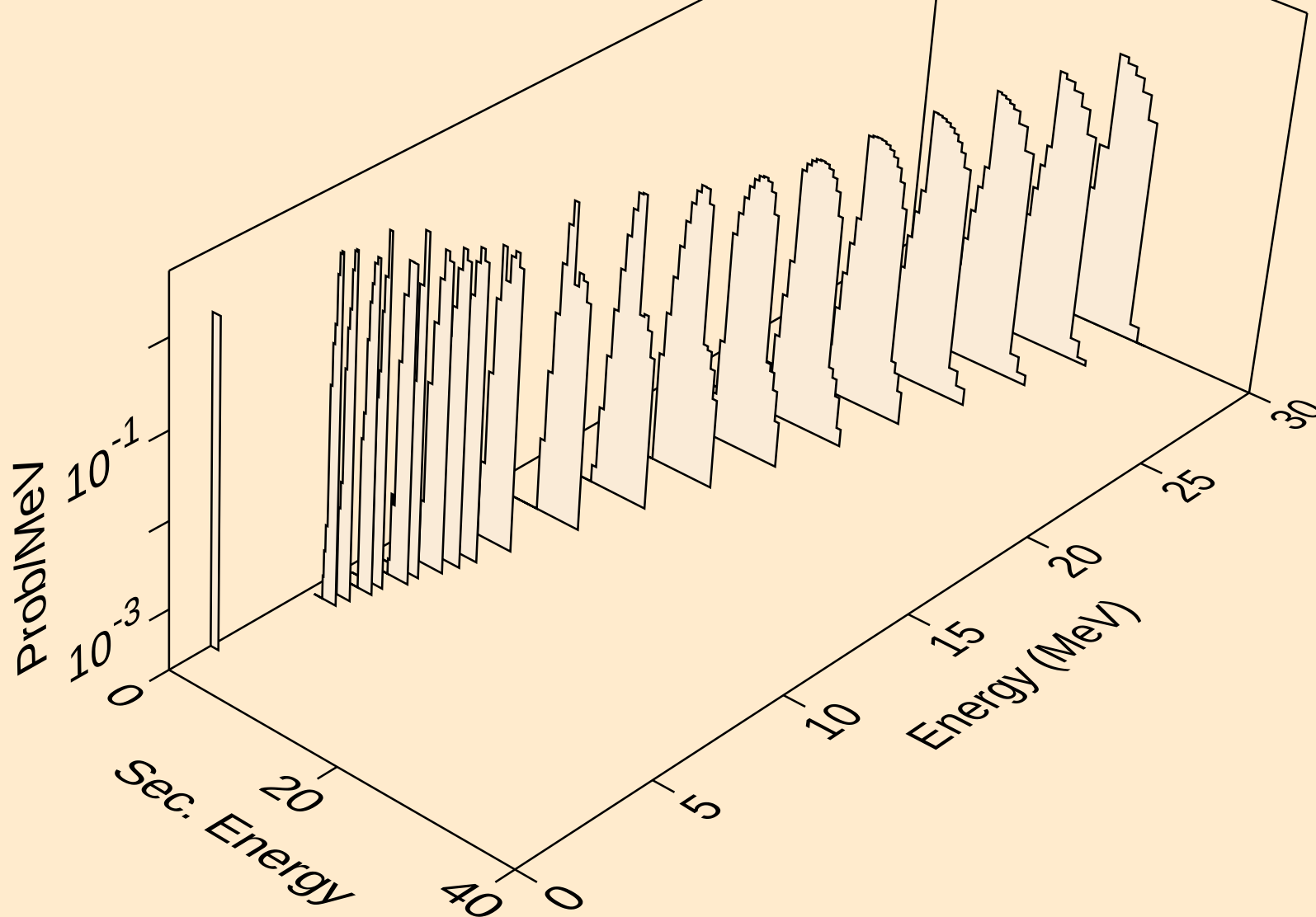
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



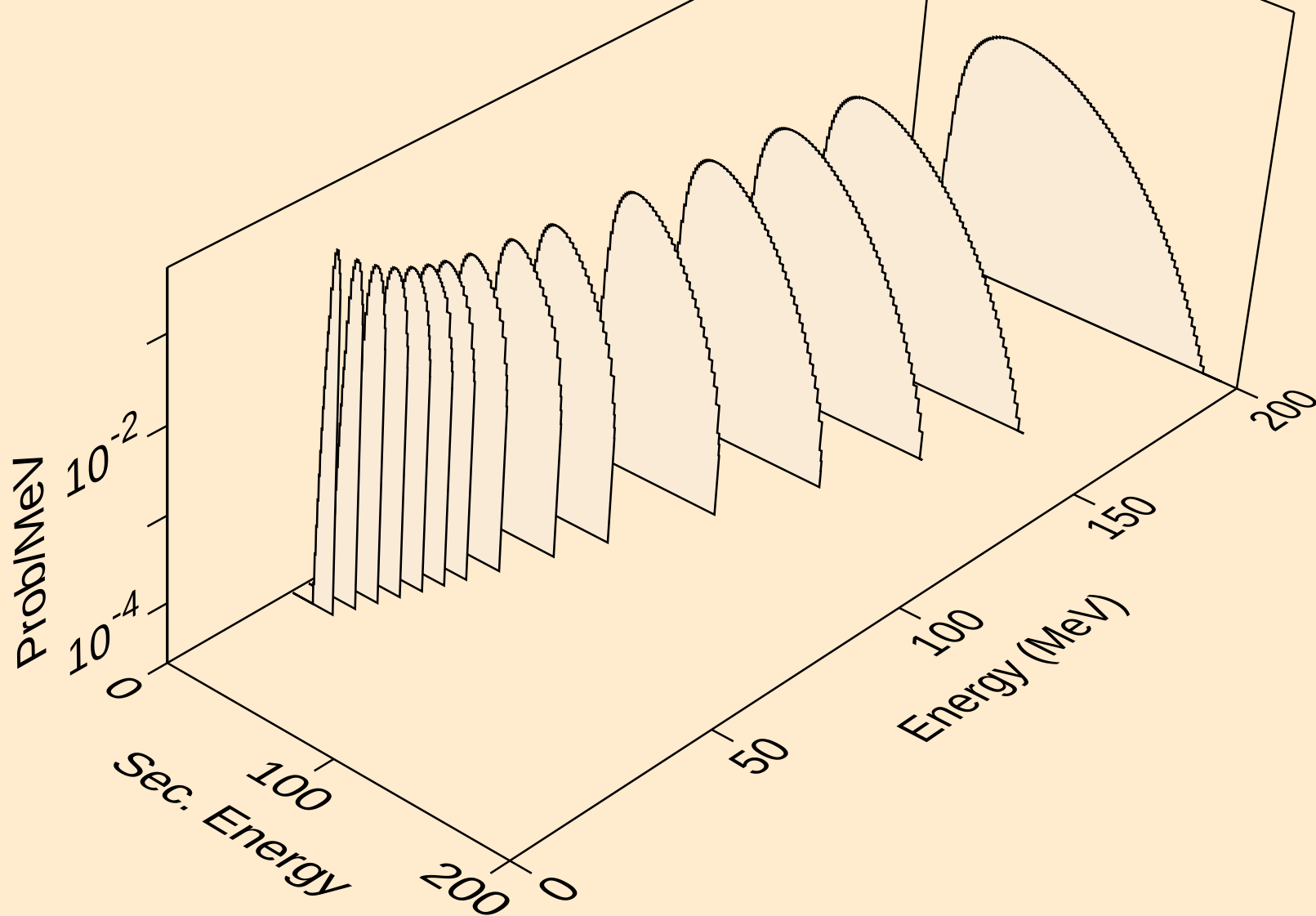
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



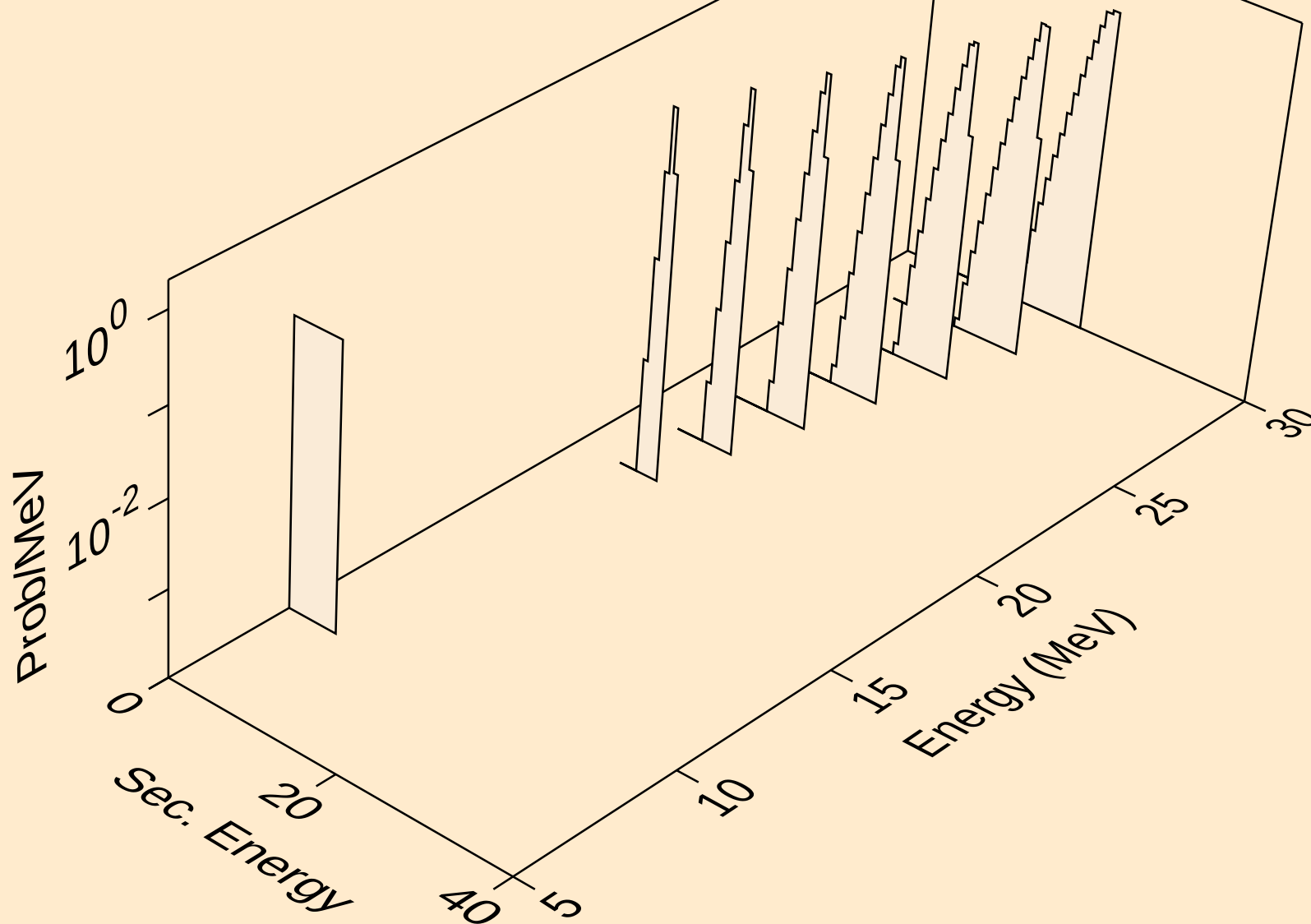
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tritons from (n,t)



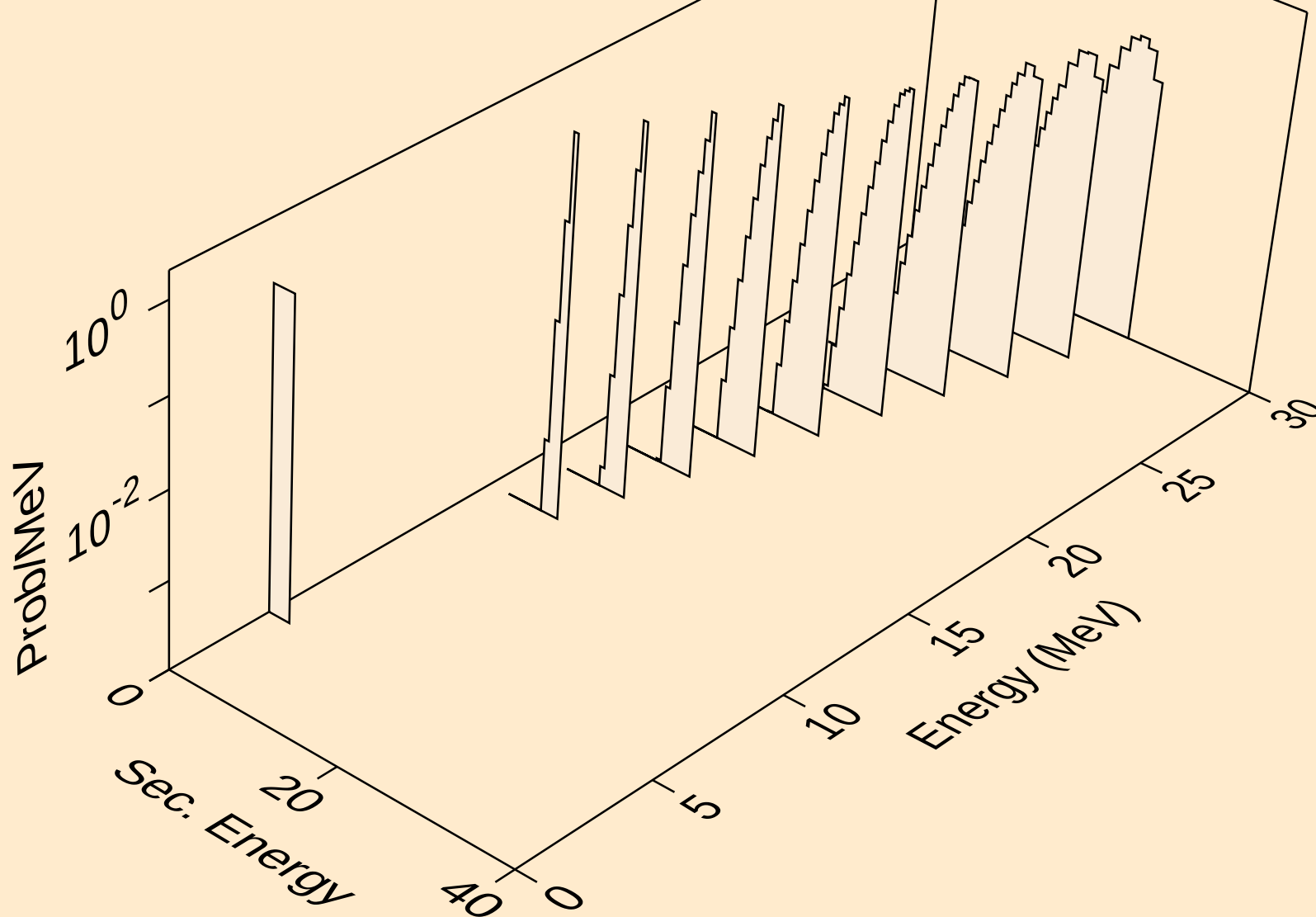
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he3s from (n,x)



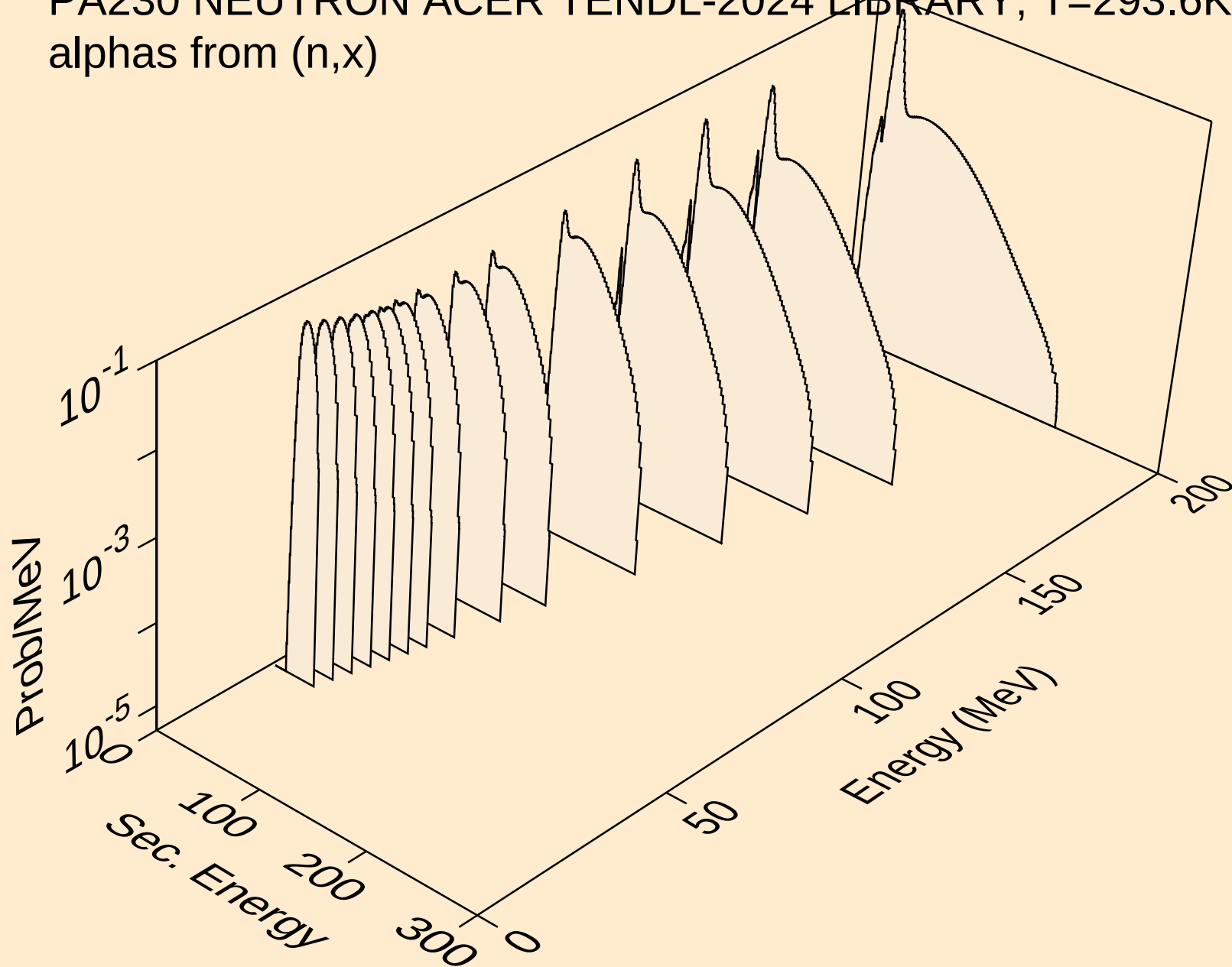
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he3s from (n,n*)he3



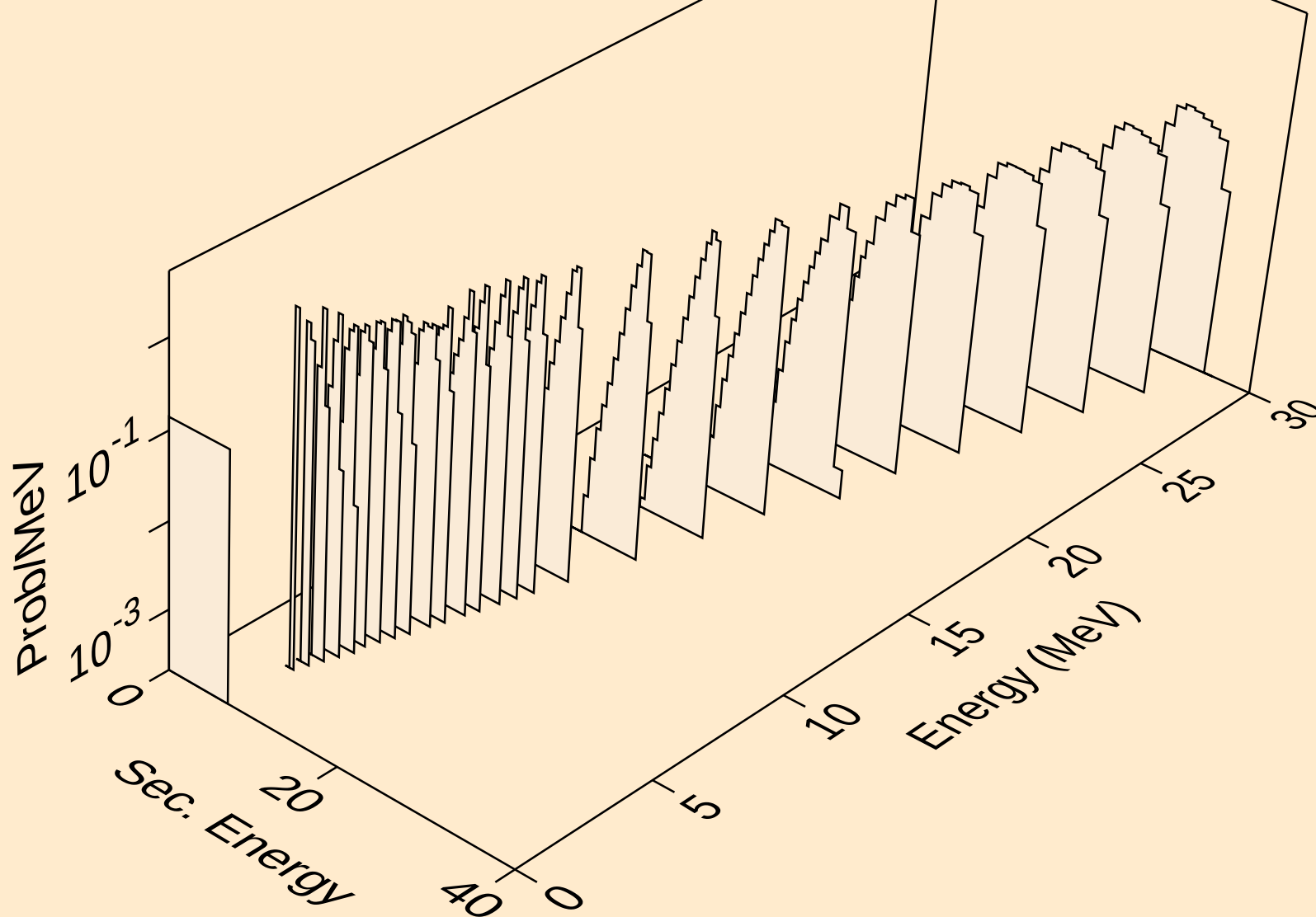
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he3s from (n,he3)



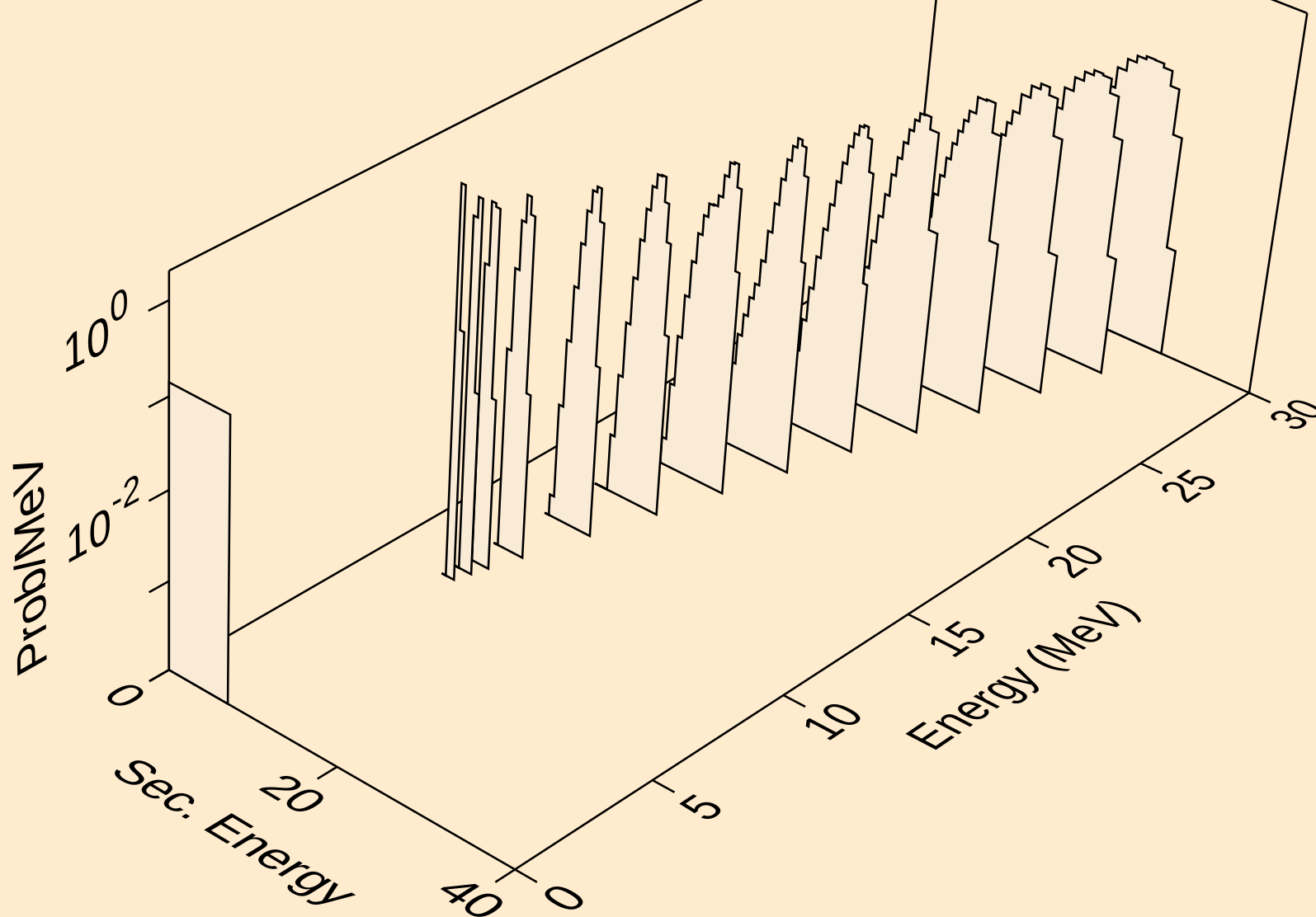
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



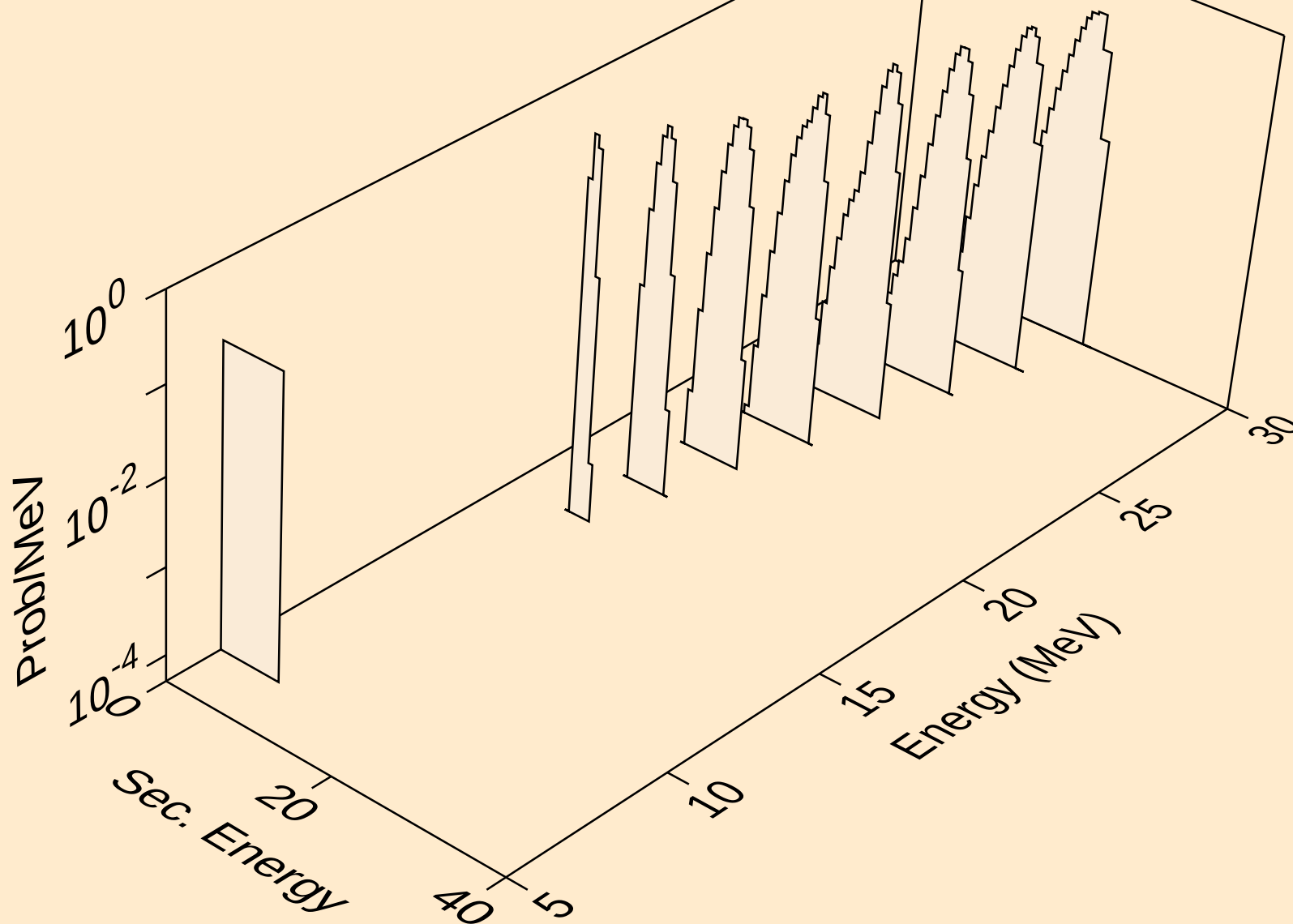
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



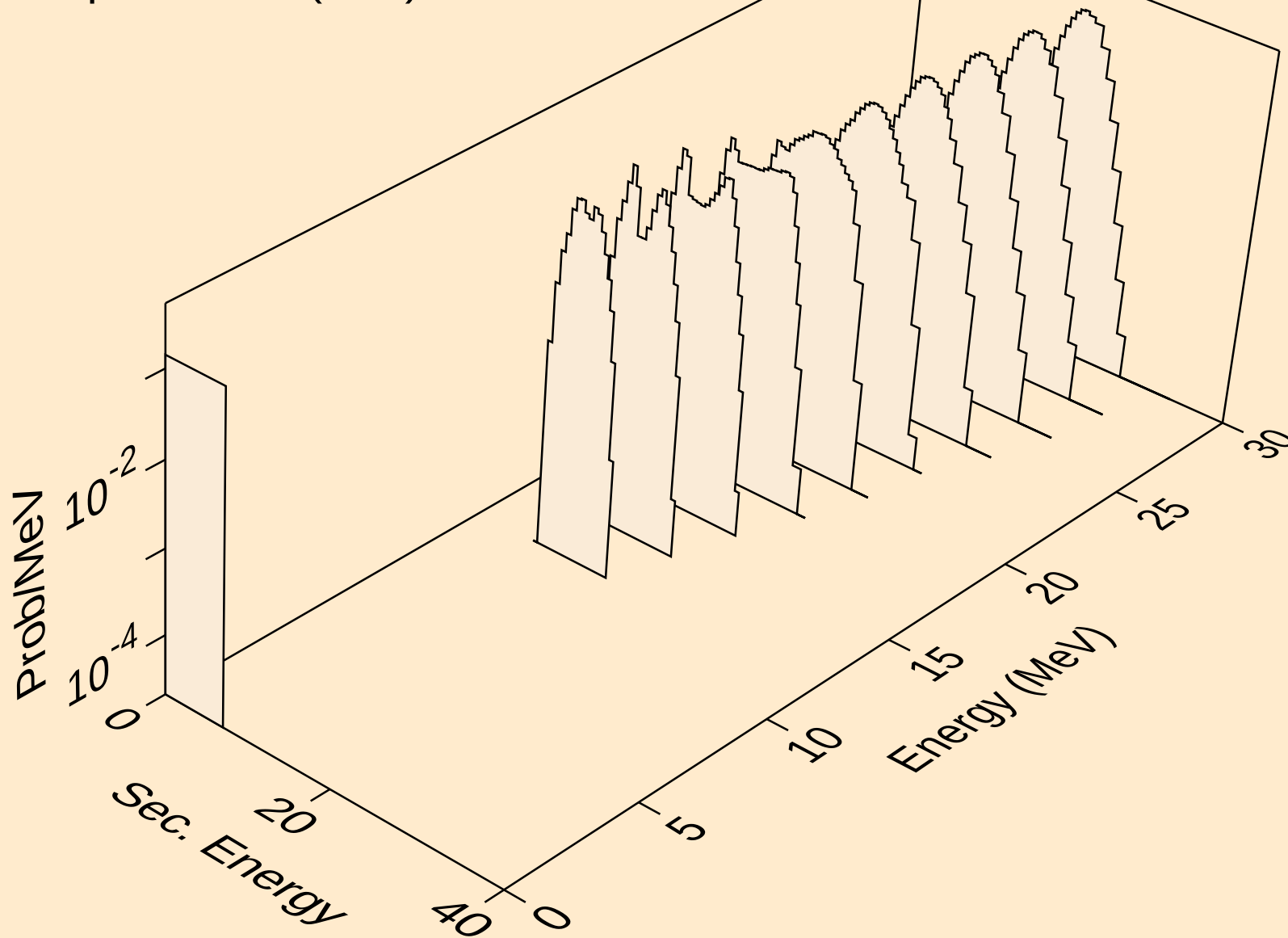
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



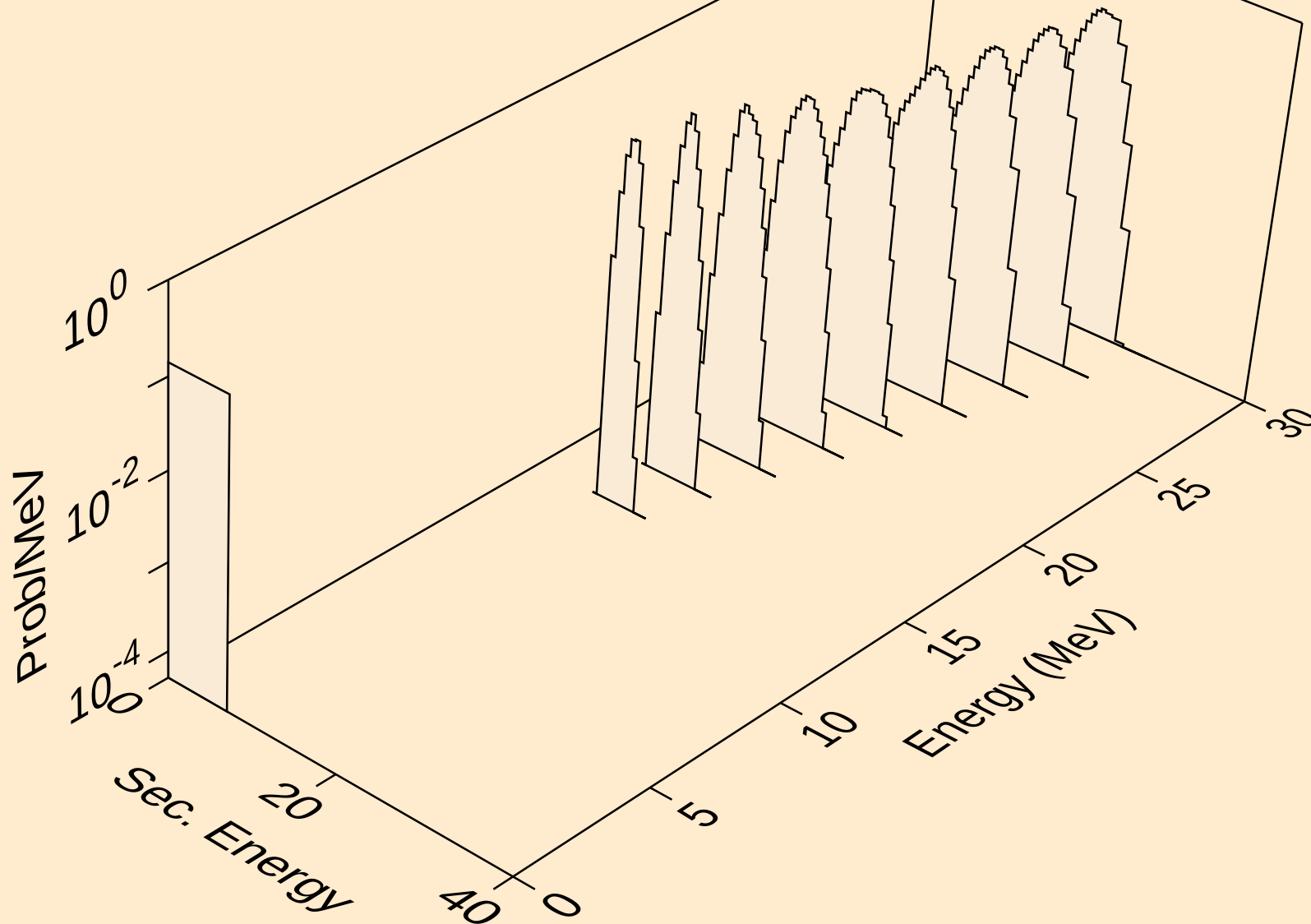
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



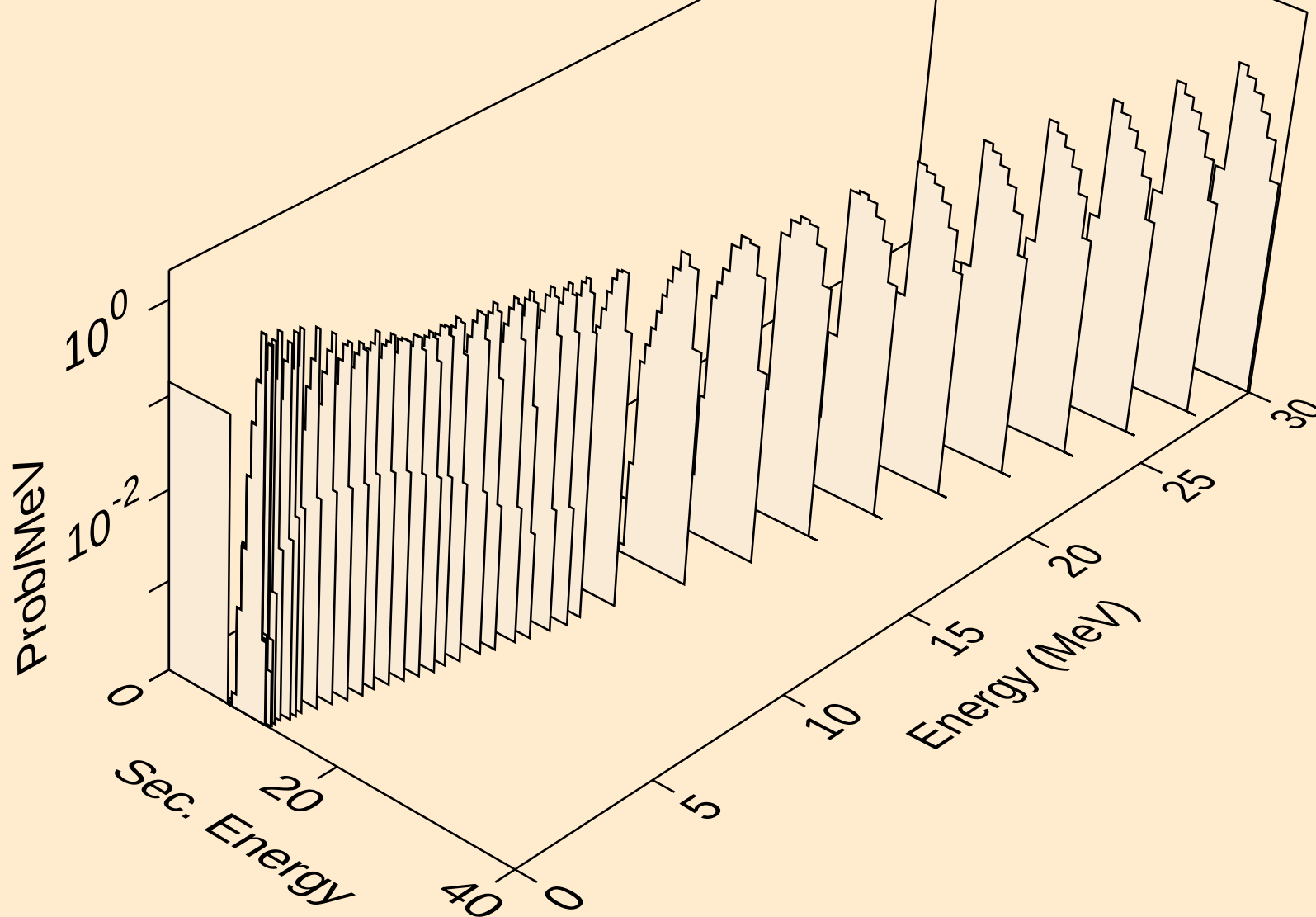
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alphas from (n,n*)2a



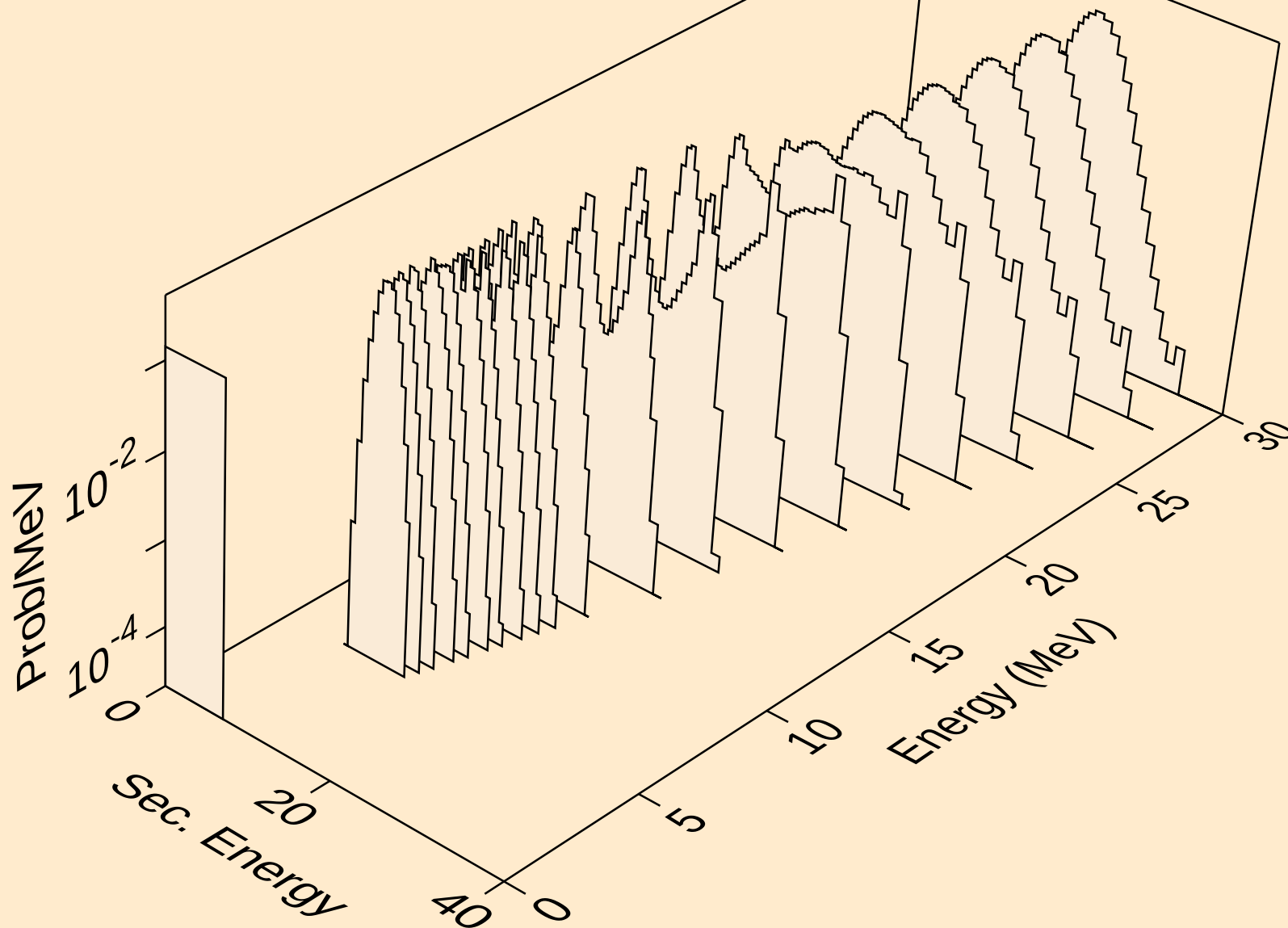
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



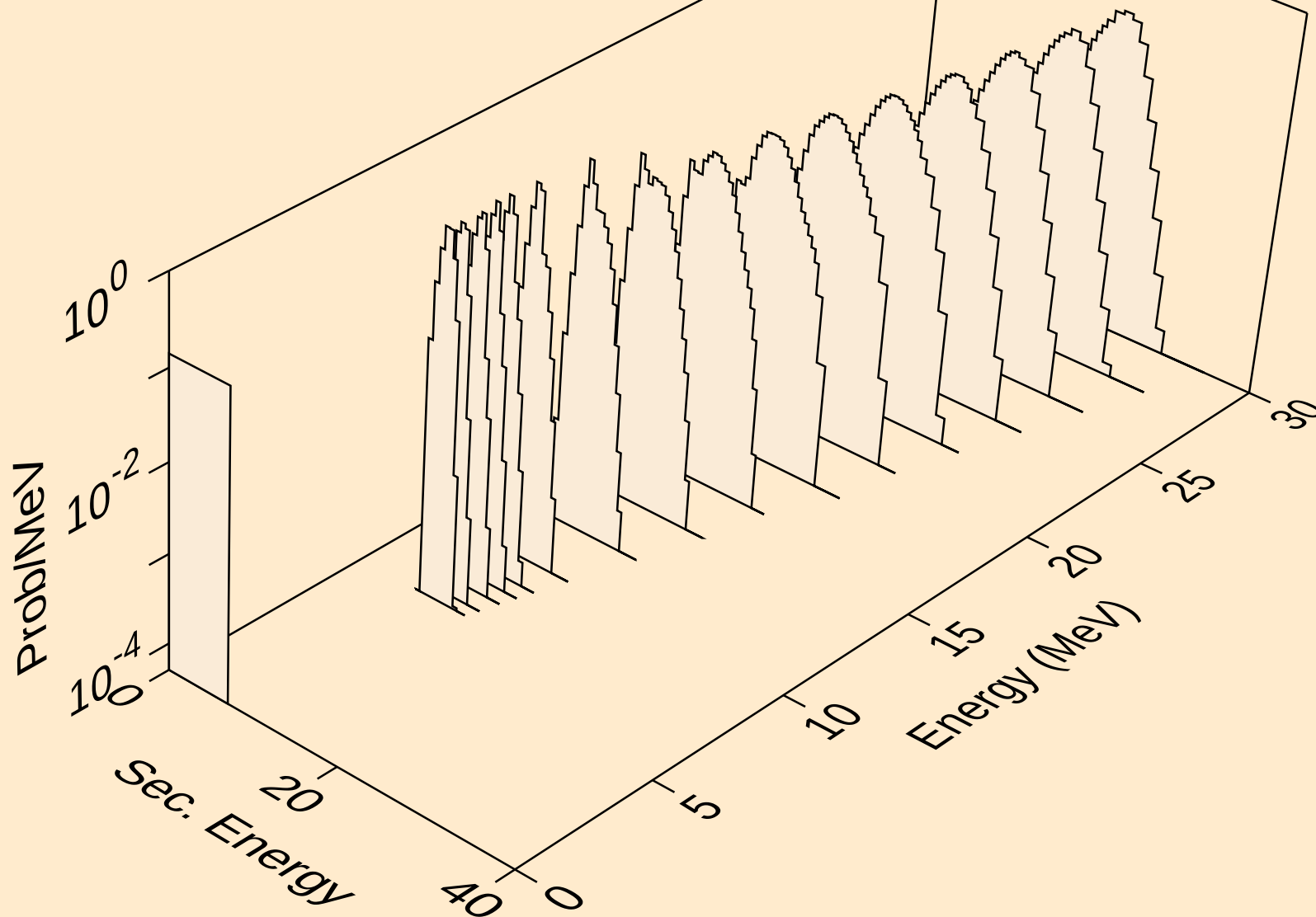
PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



PA230 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

