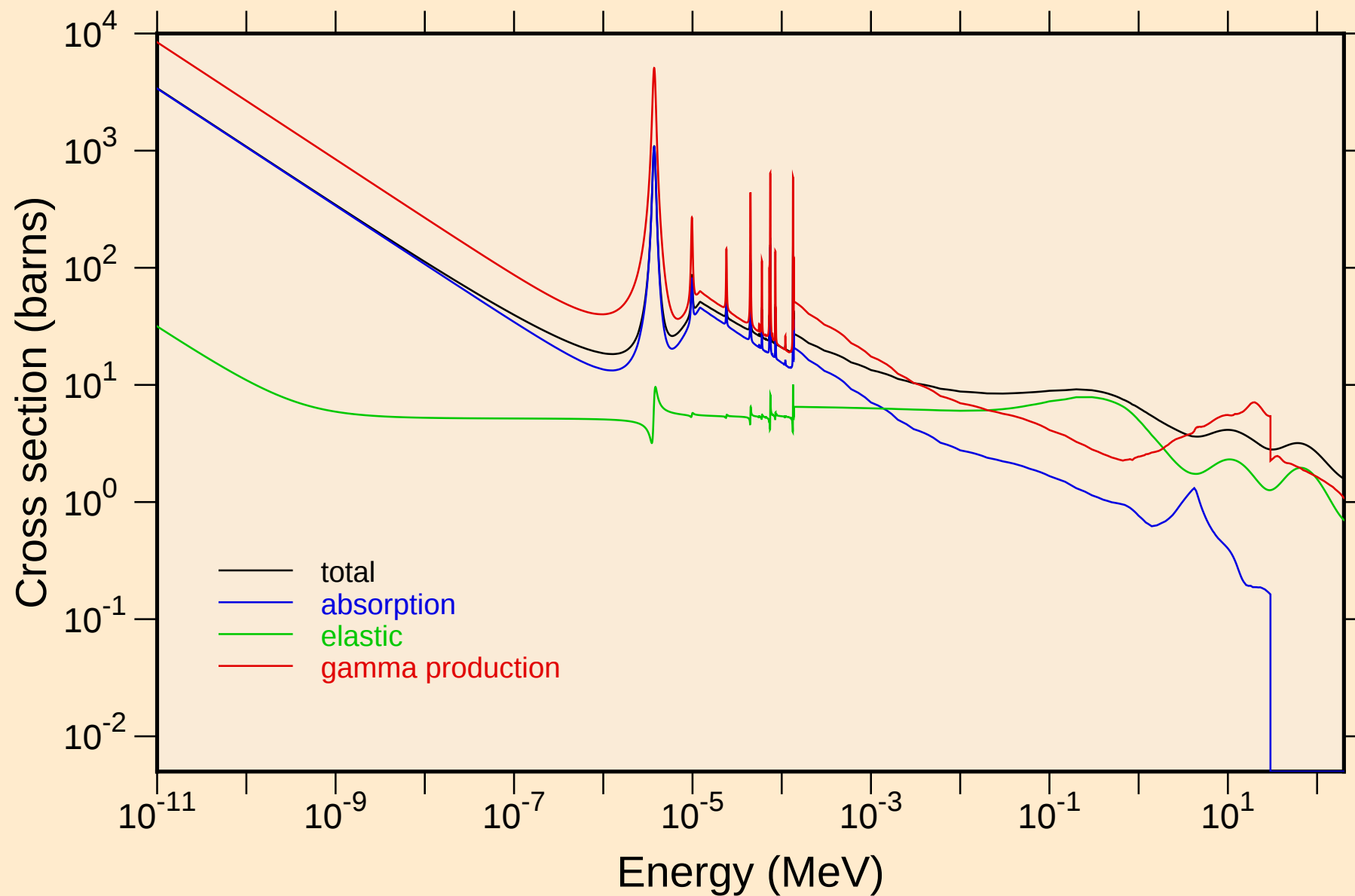
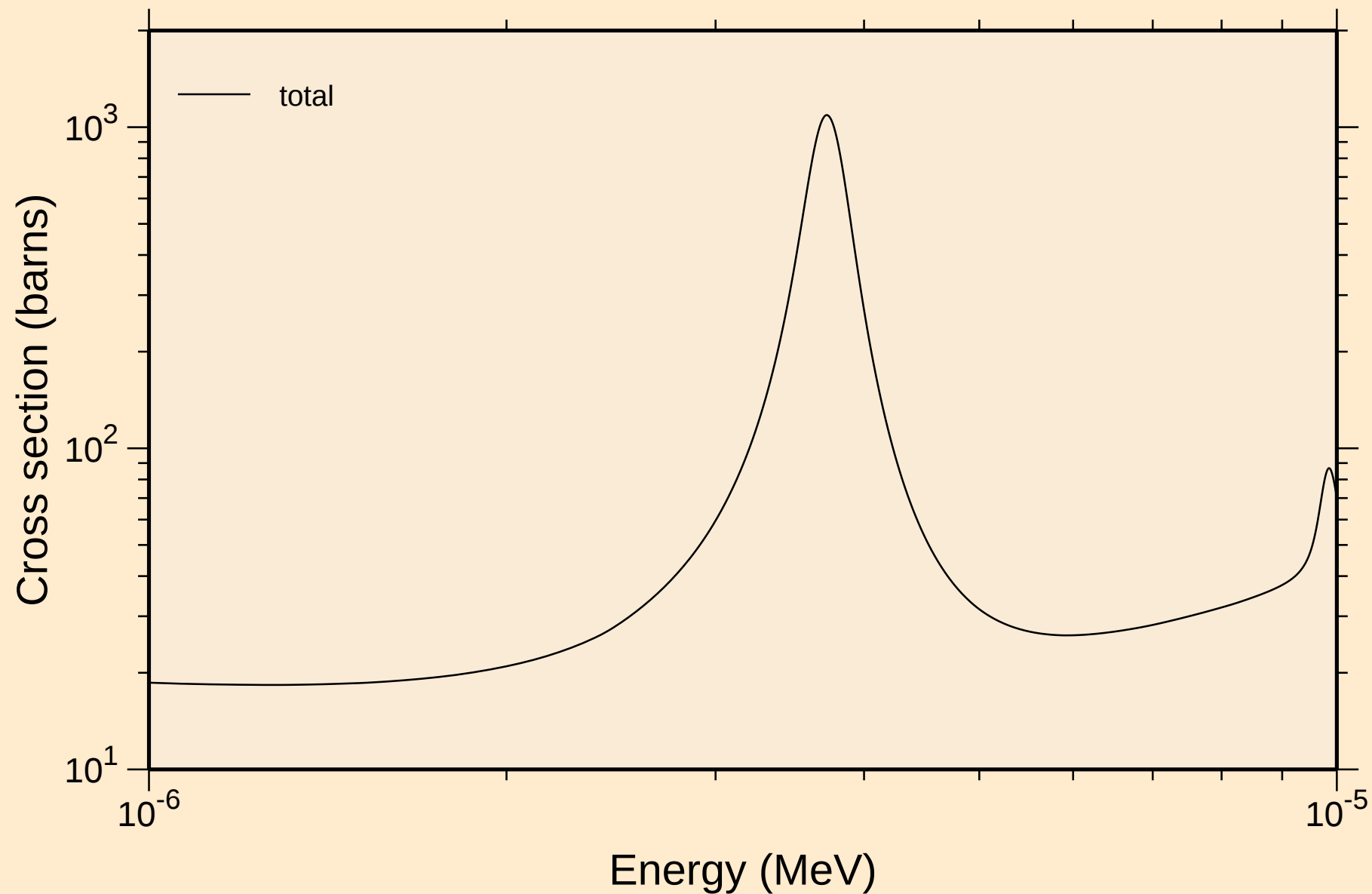


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

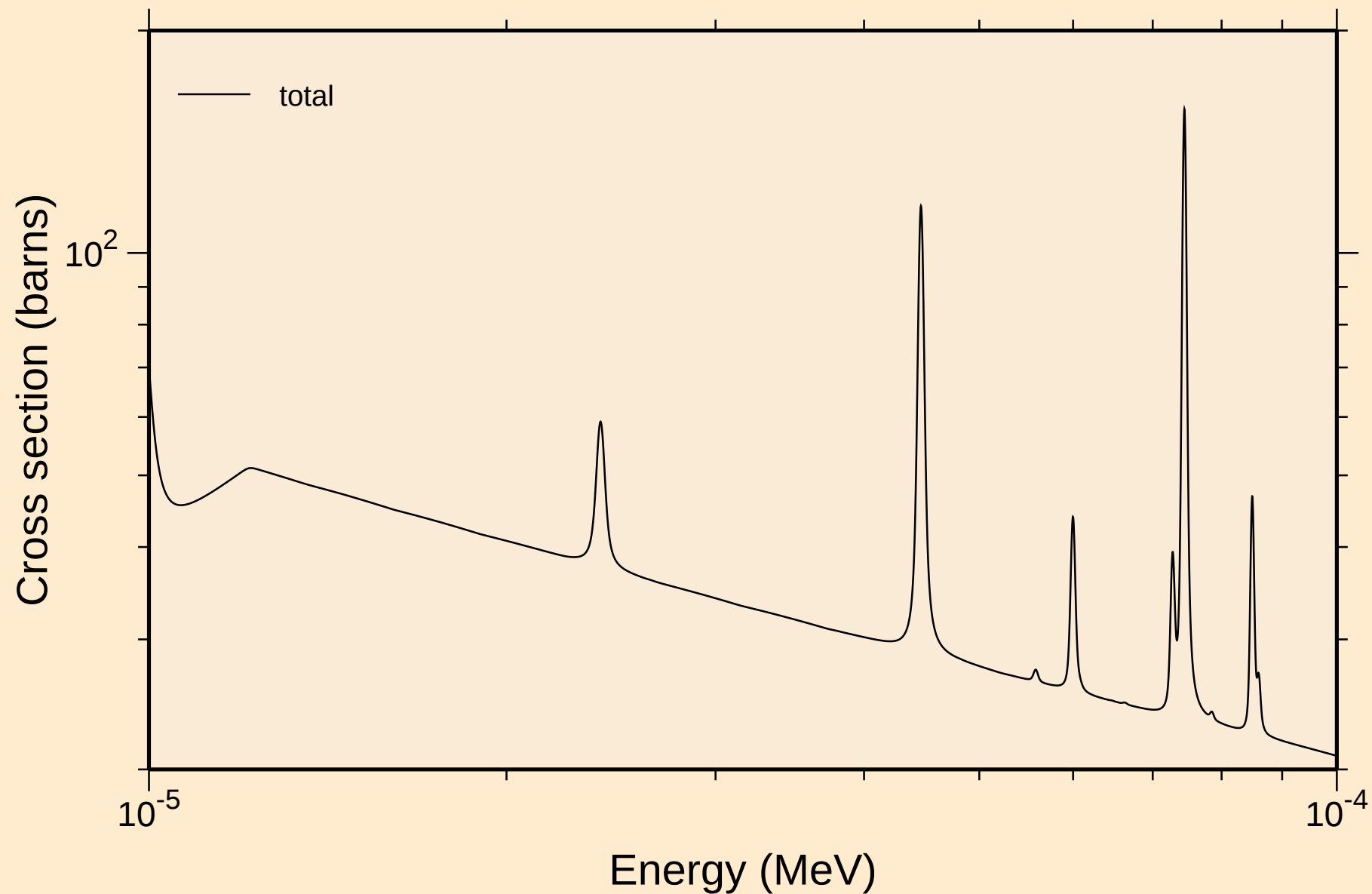
Principal cross sections



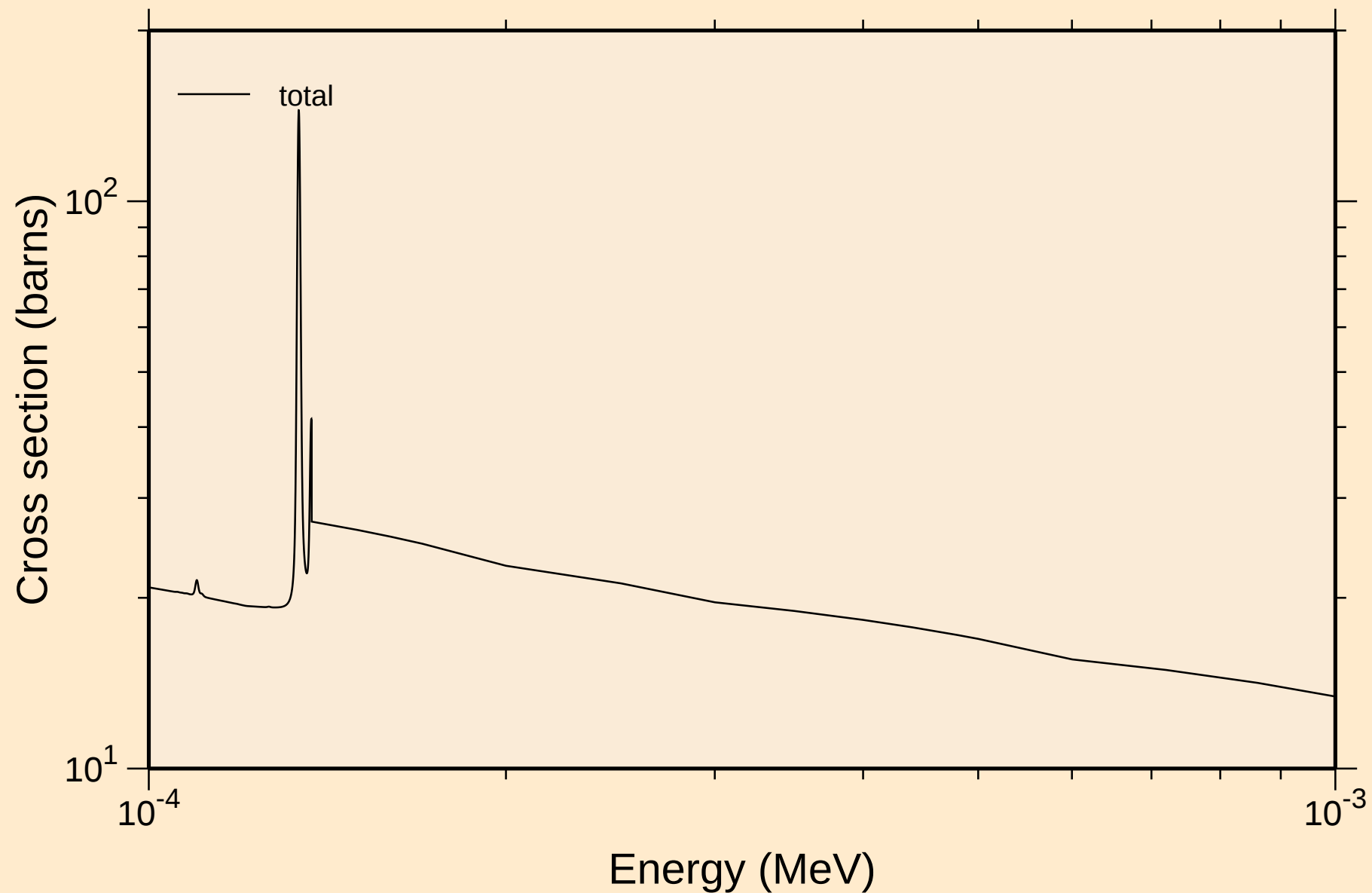
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



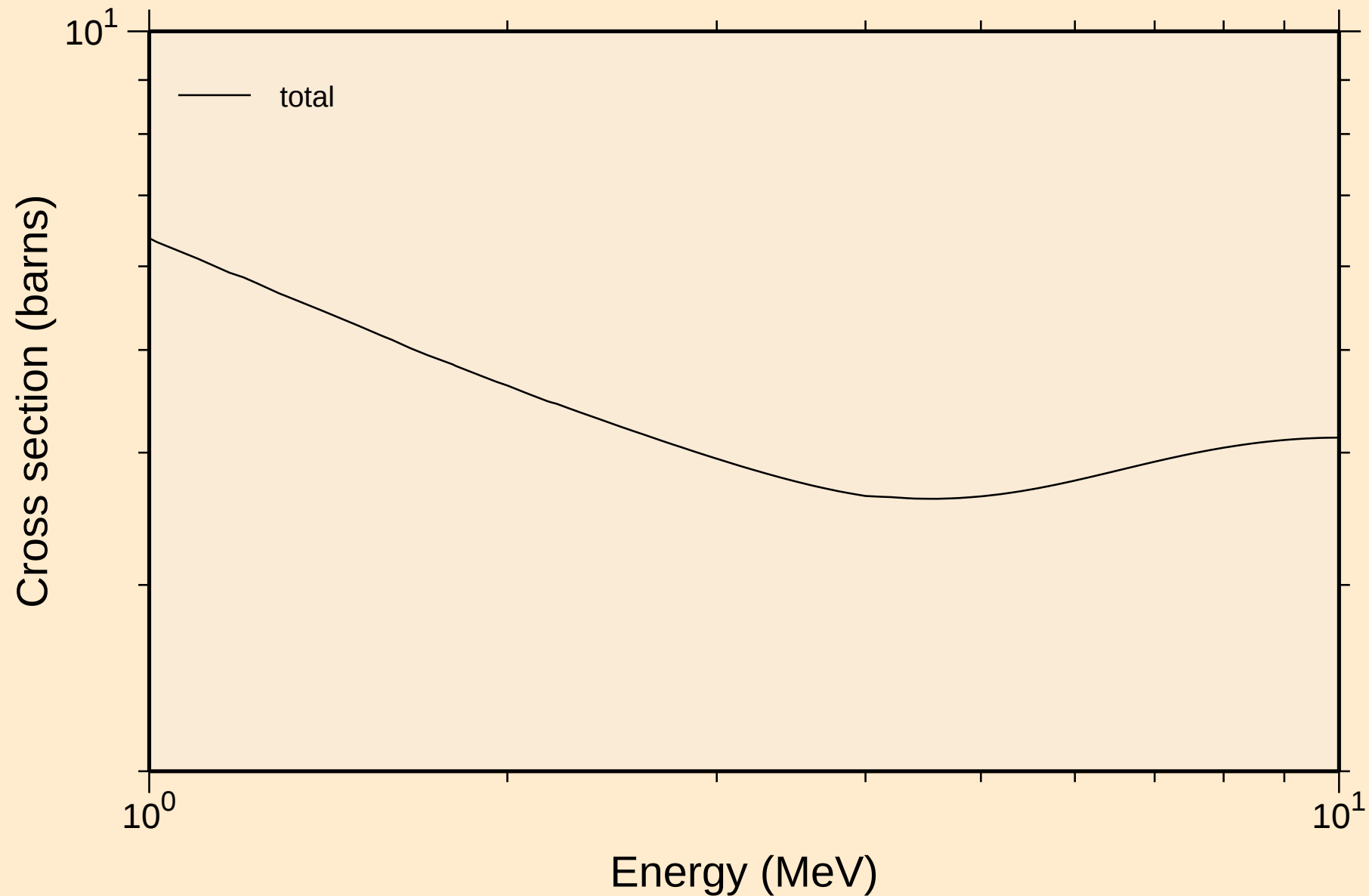
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



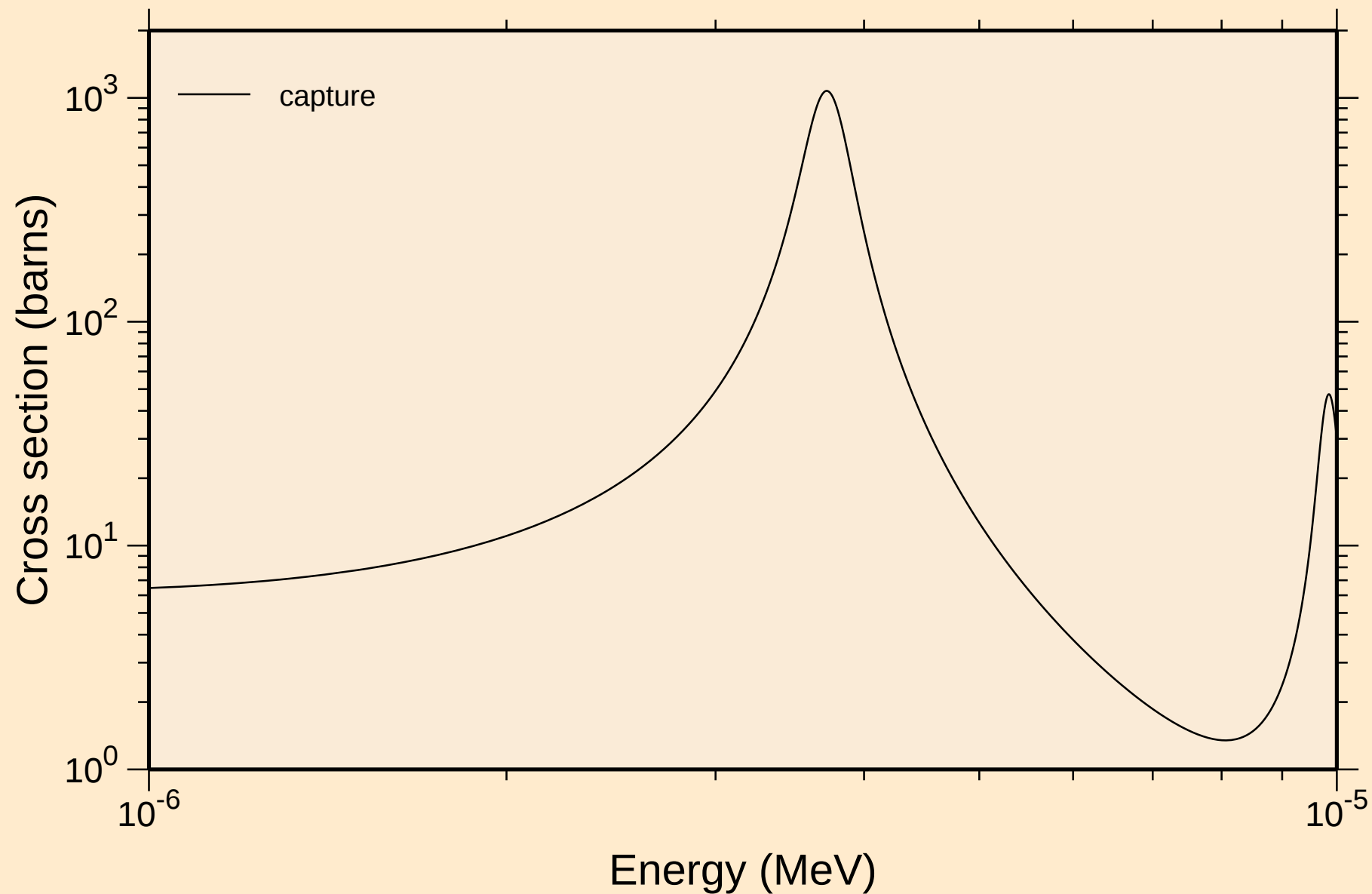
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



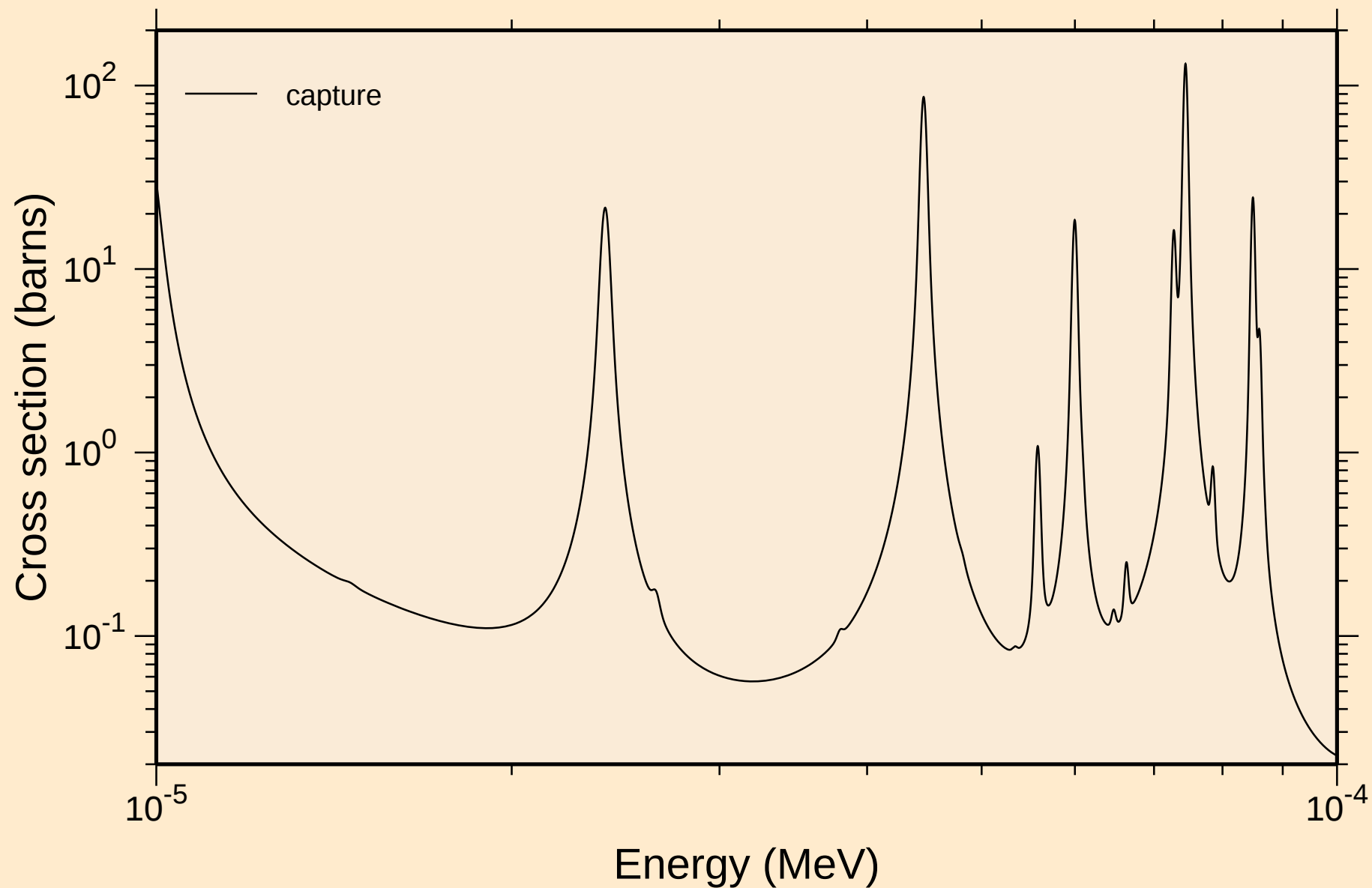
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resonance total cross section



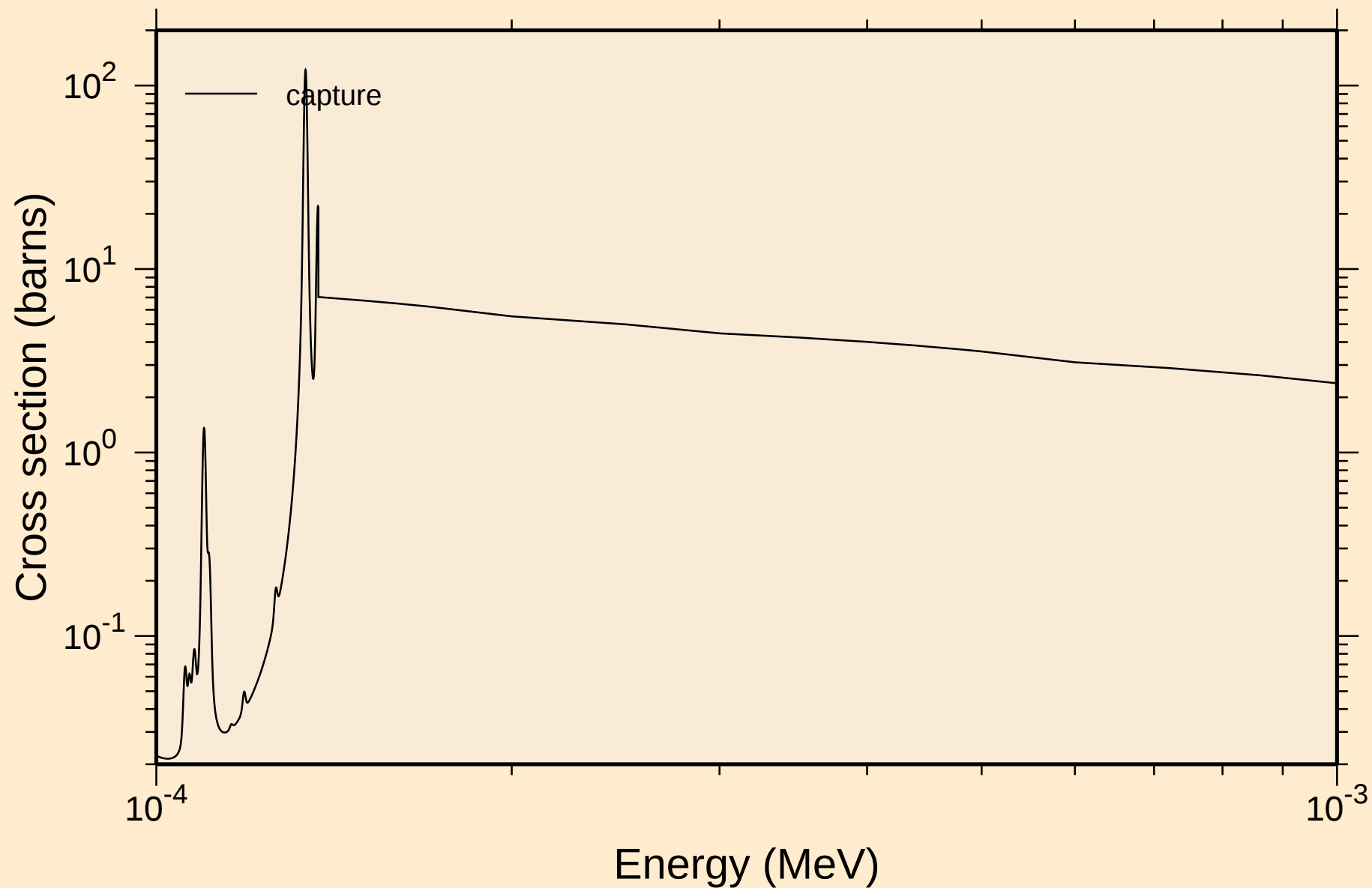
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



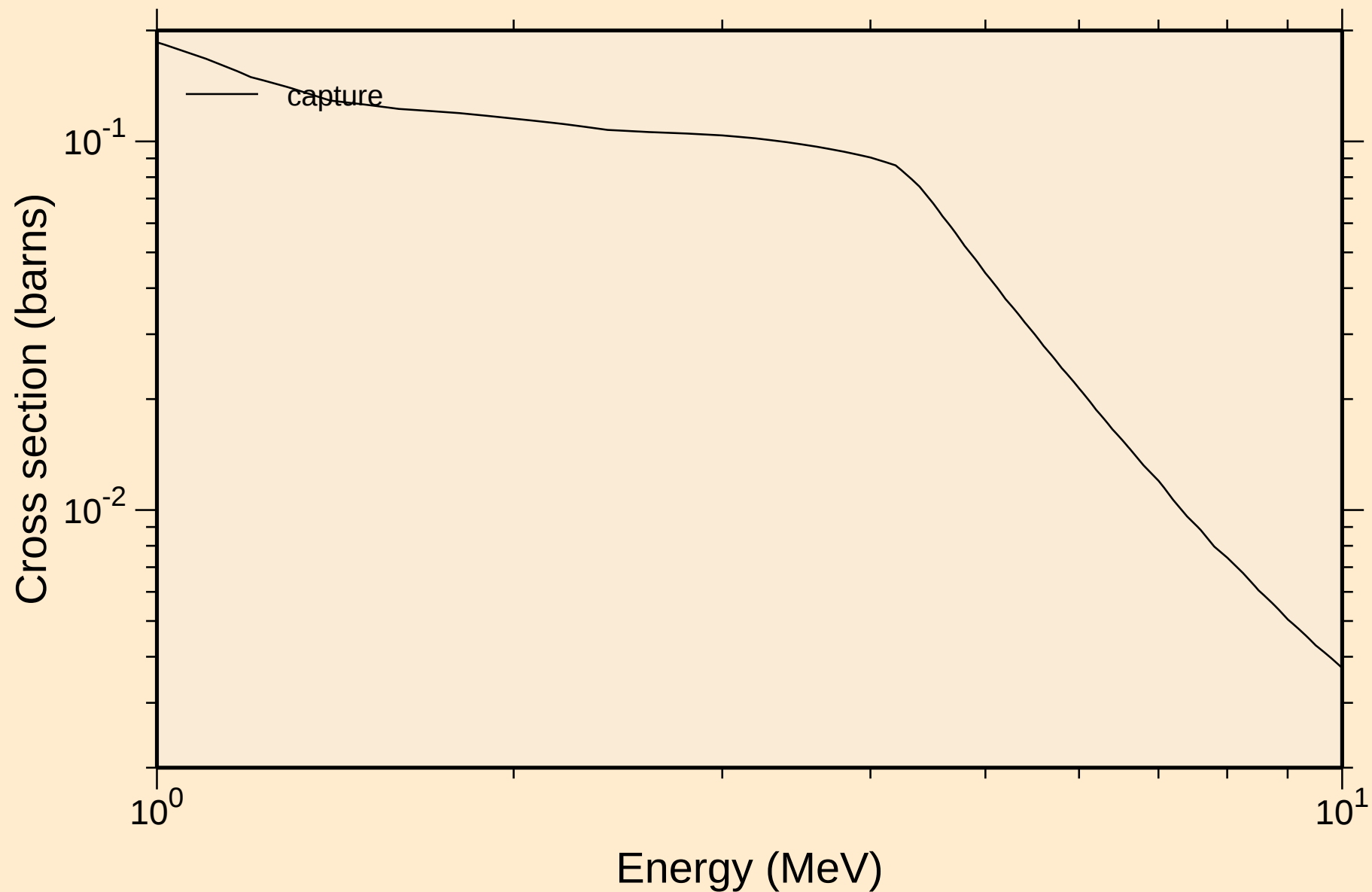
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

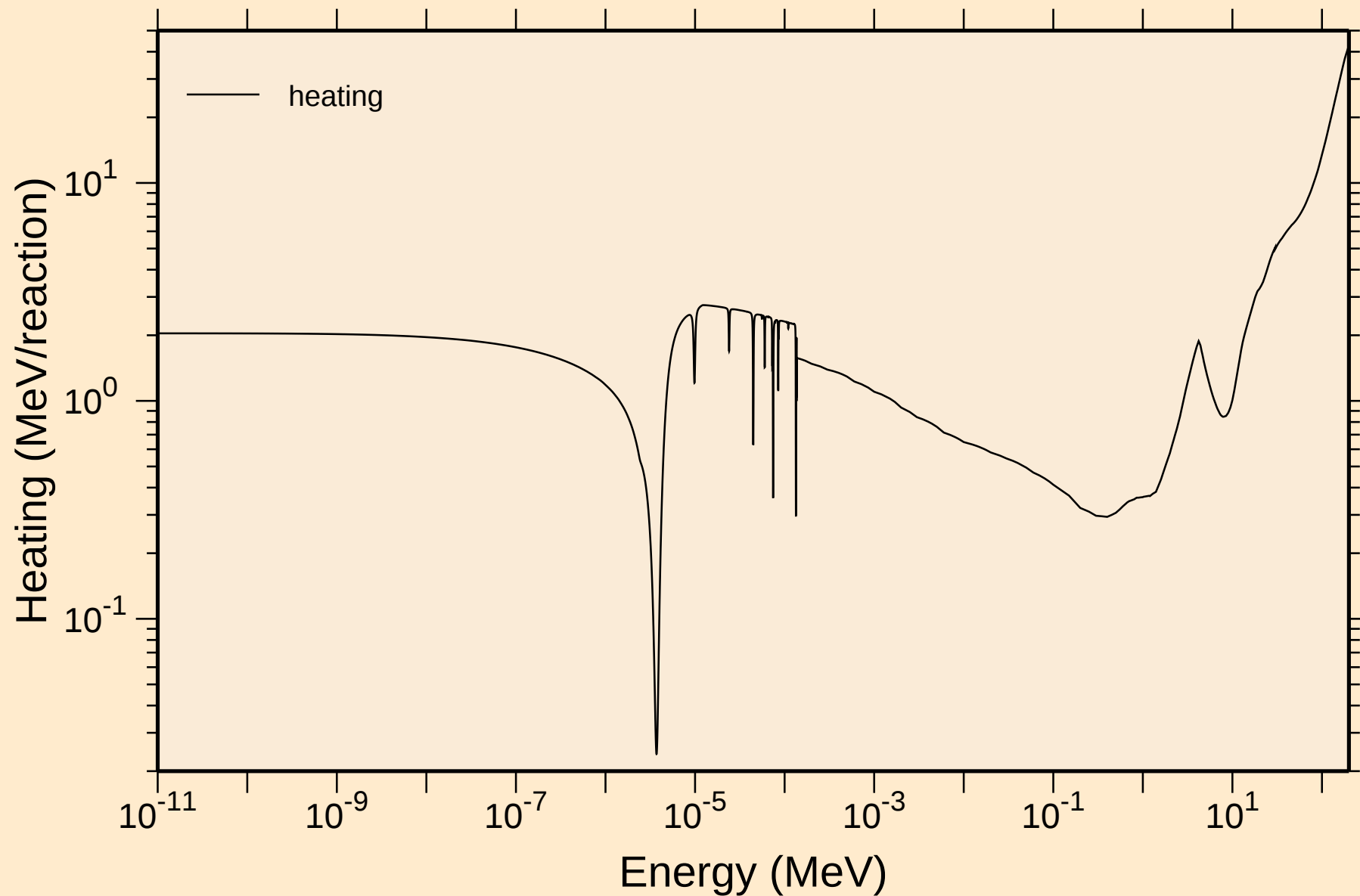


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

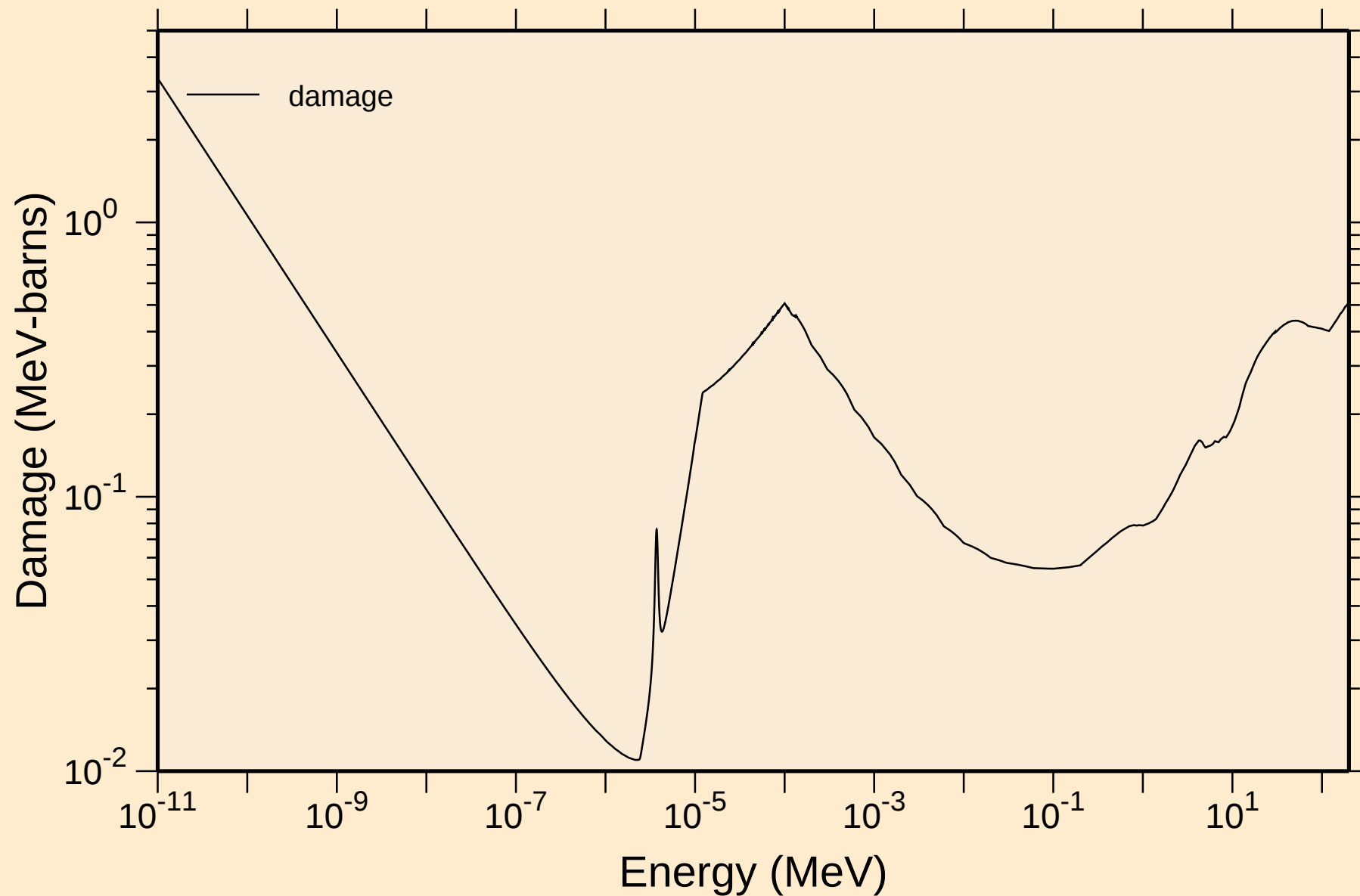


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

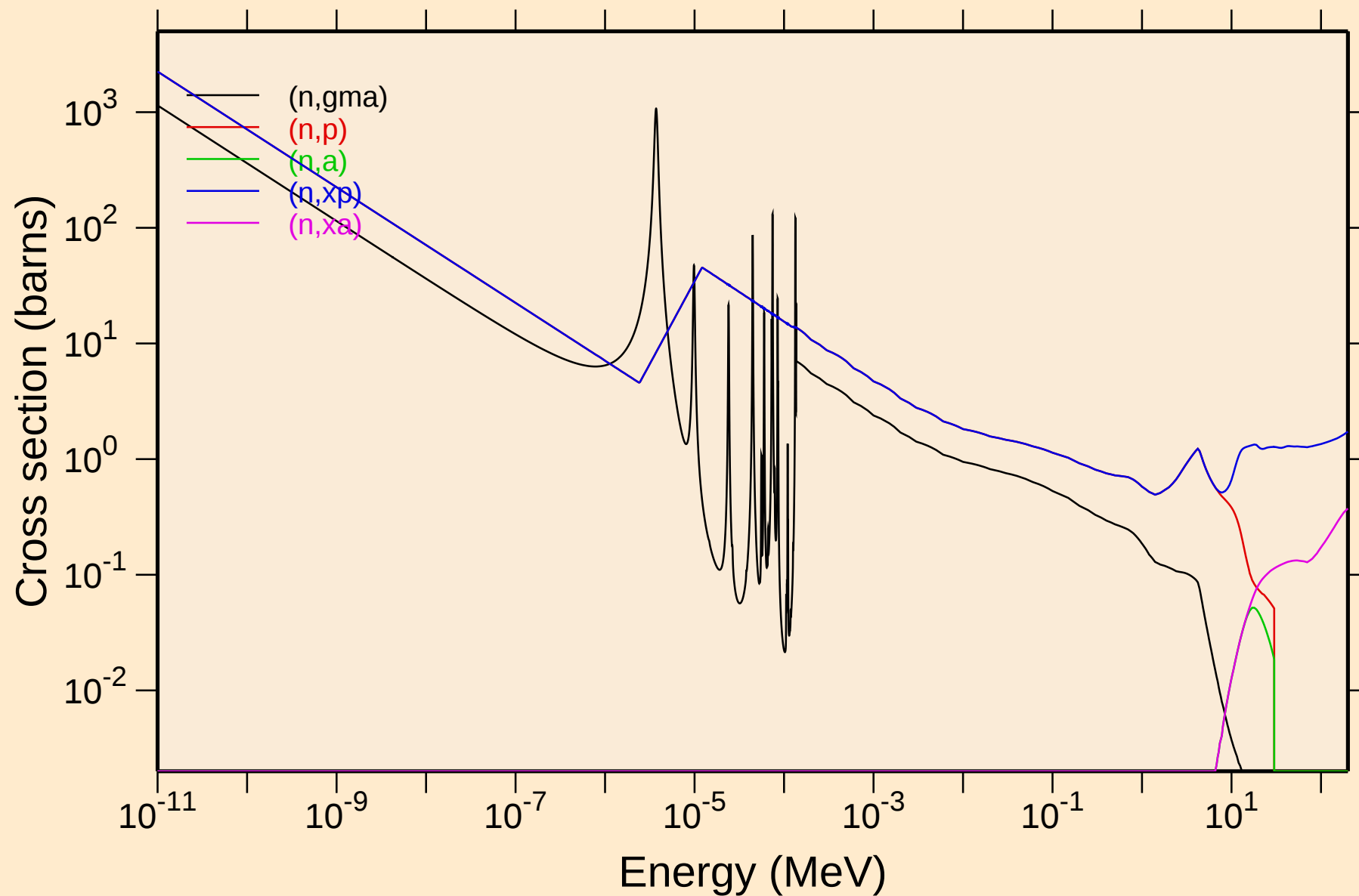
Heating



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

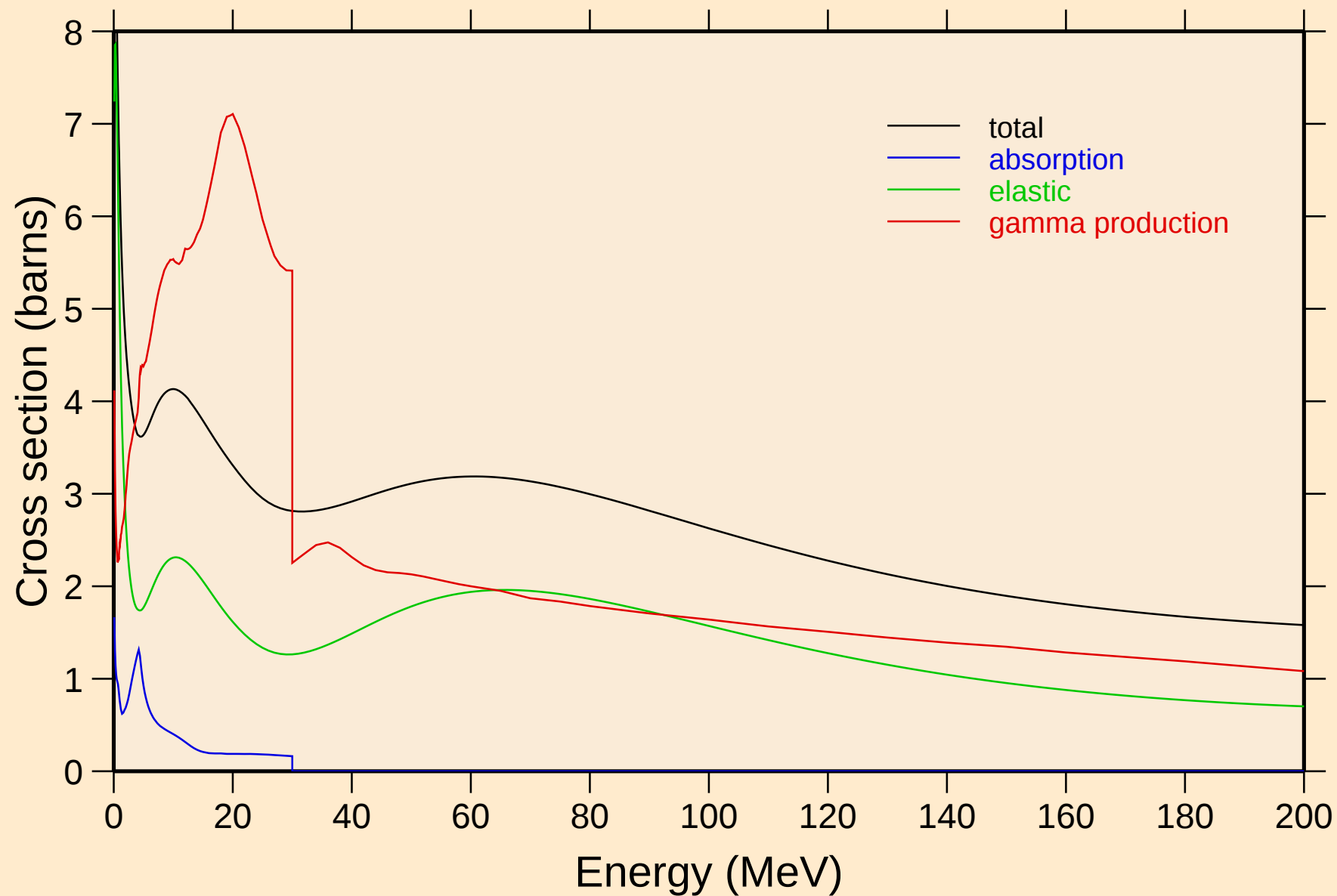


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



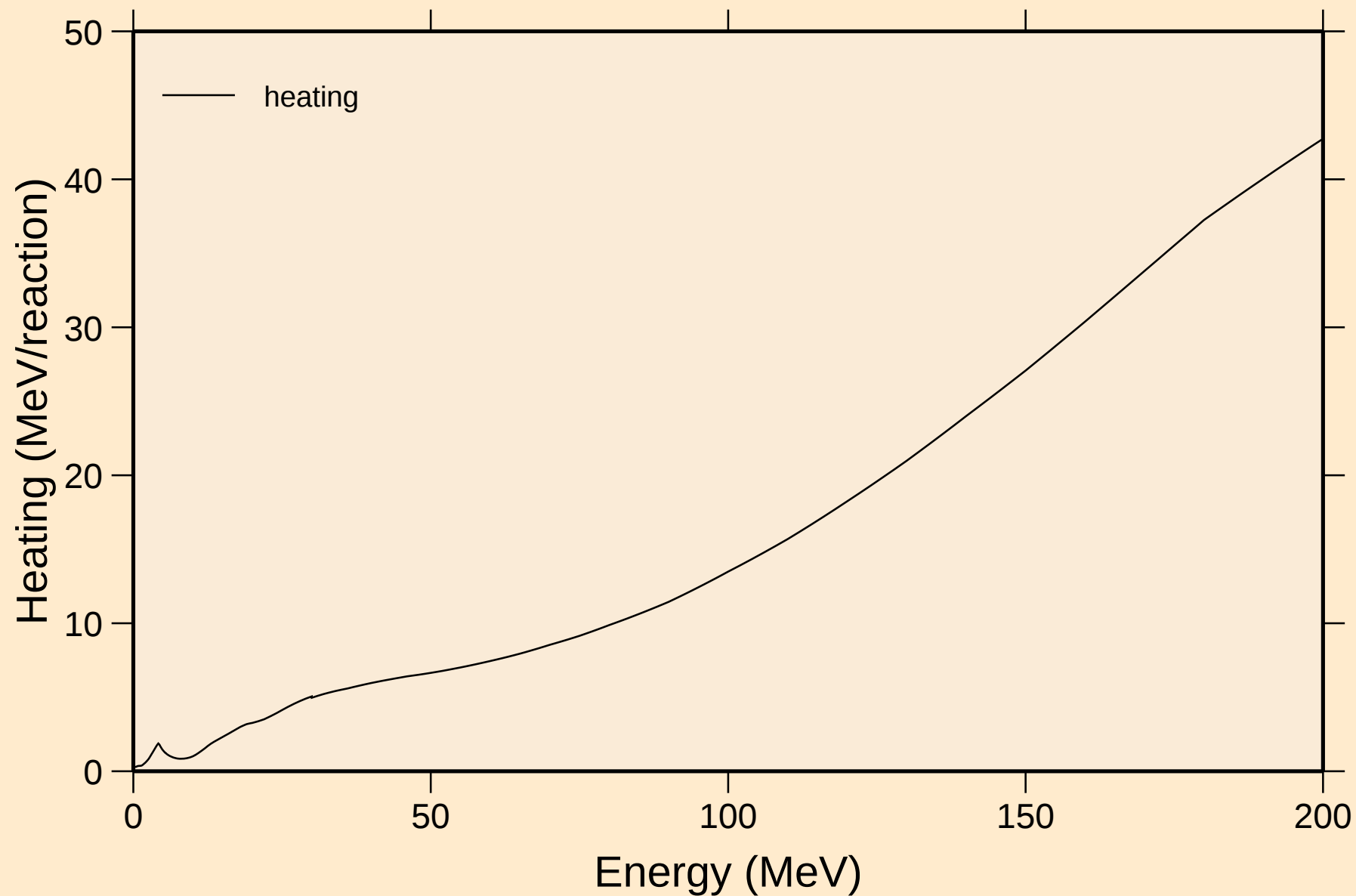
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections

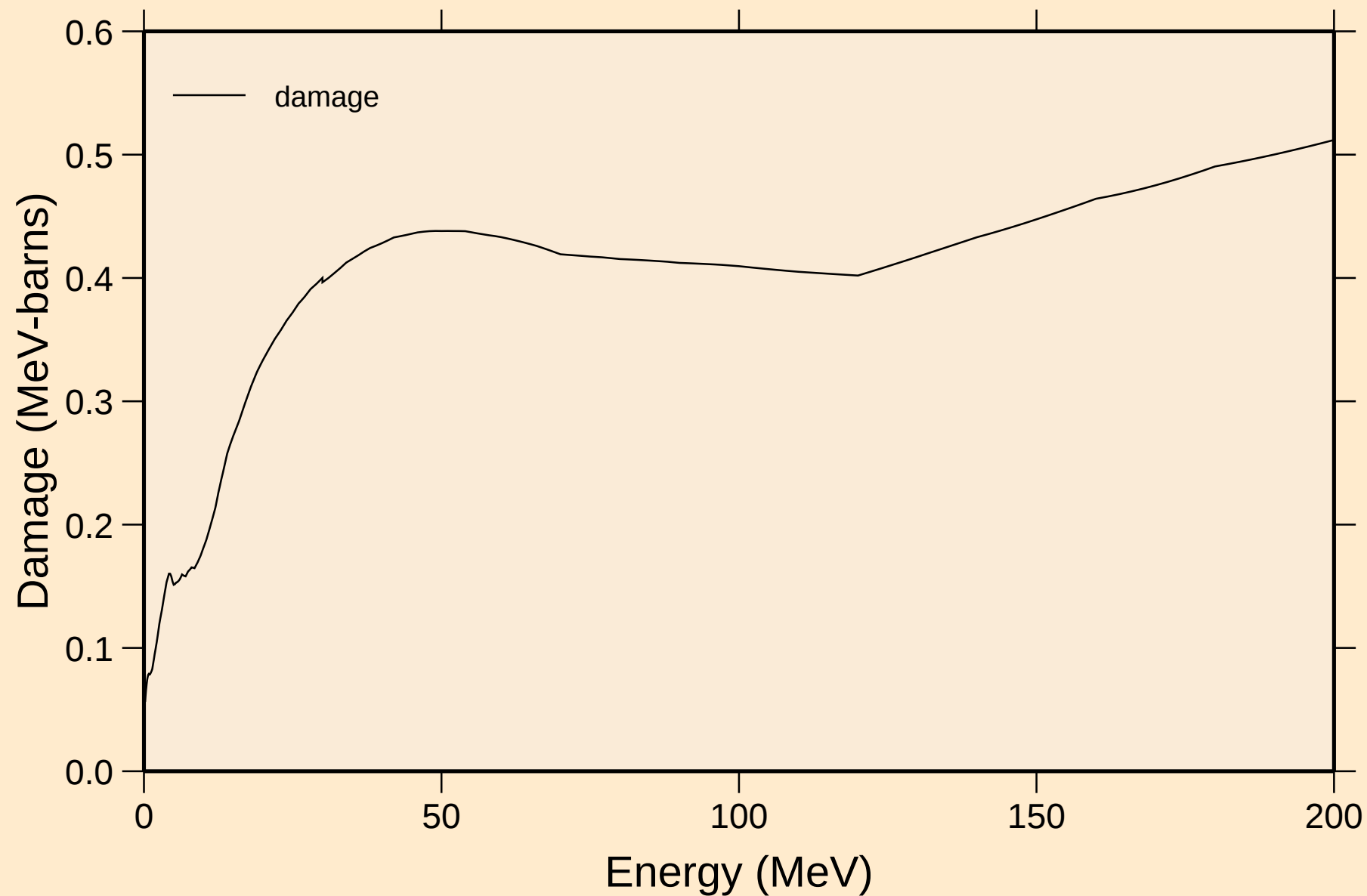


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

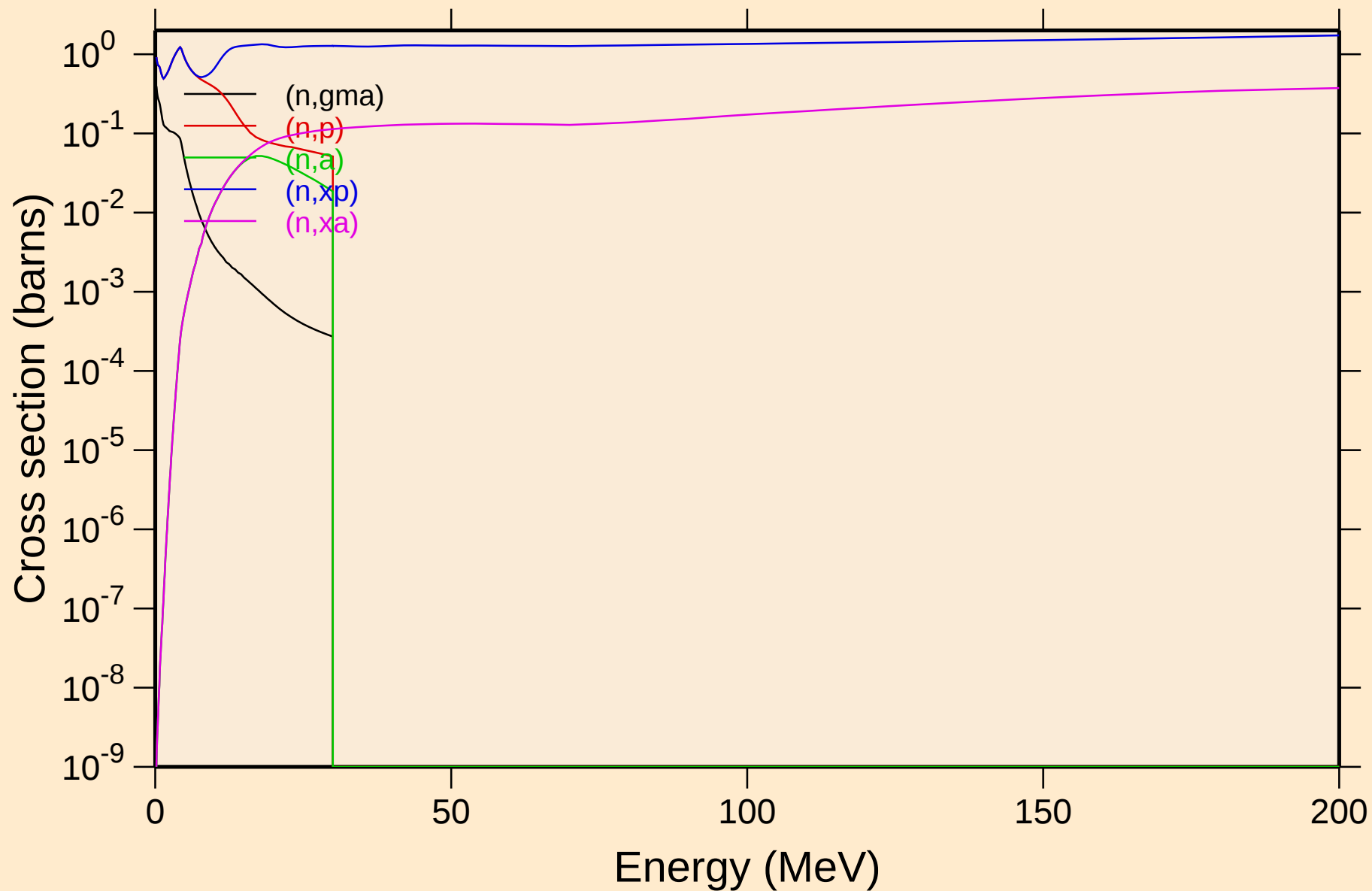
Heating



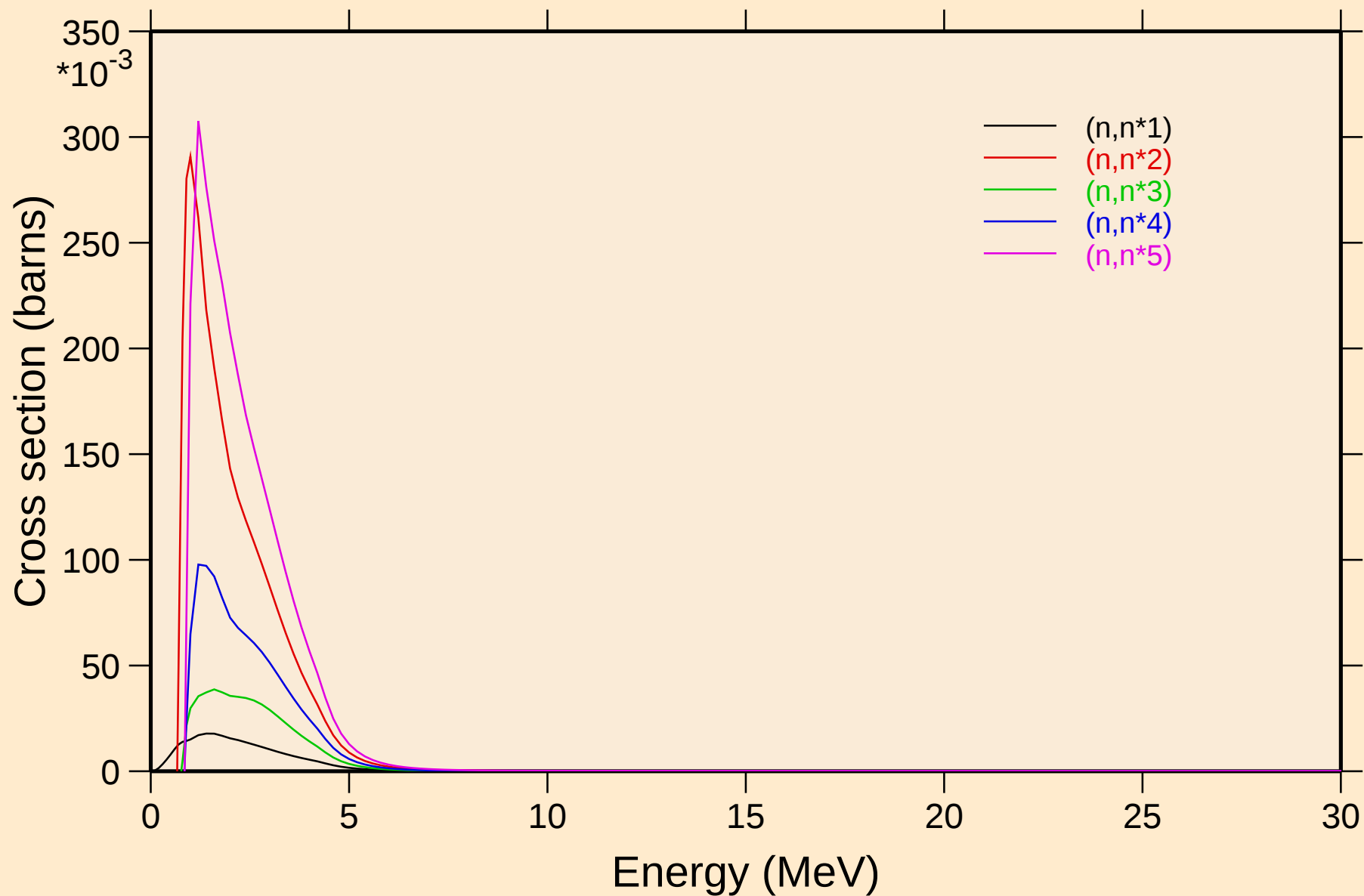
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Damage



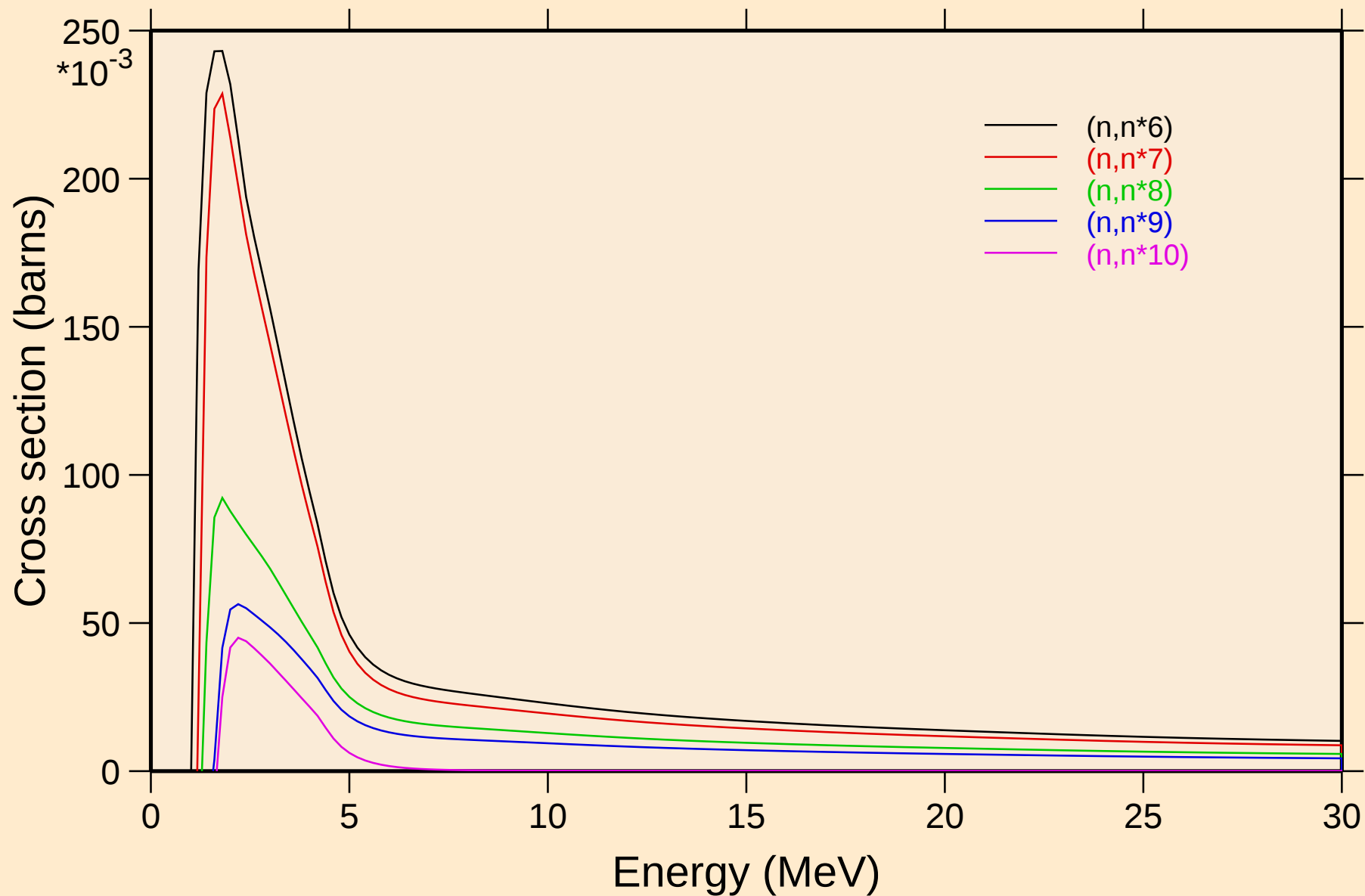
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



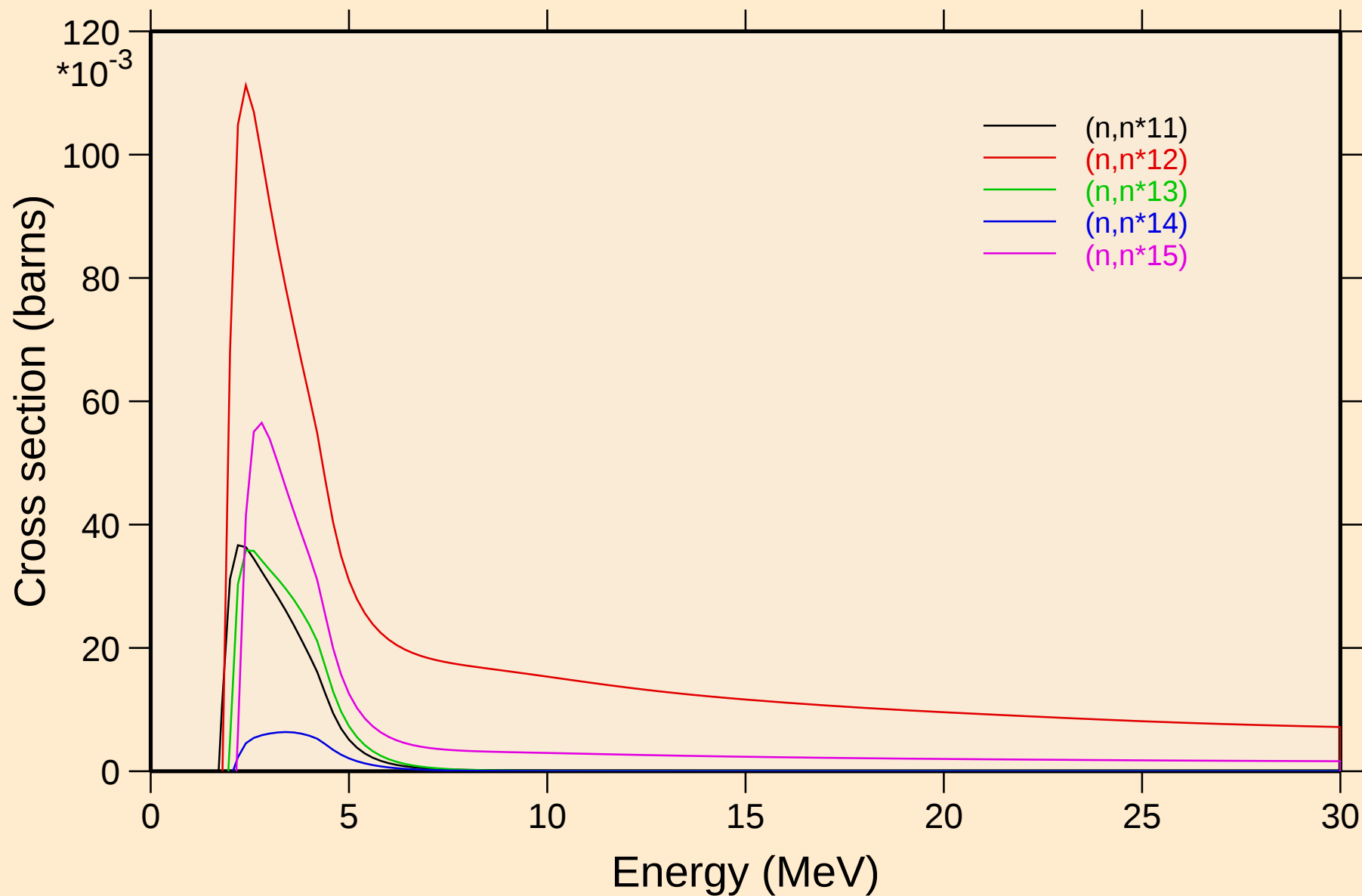
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

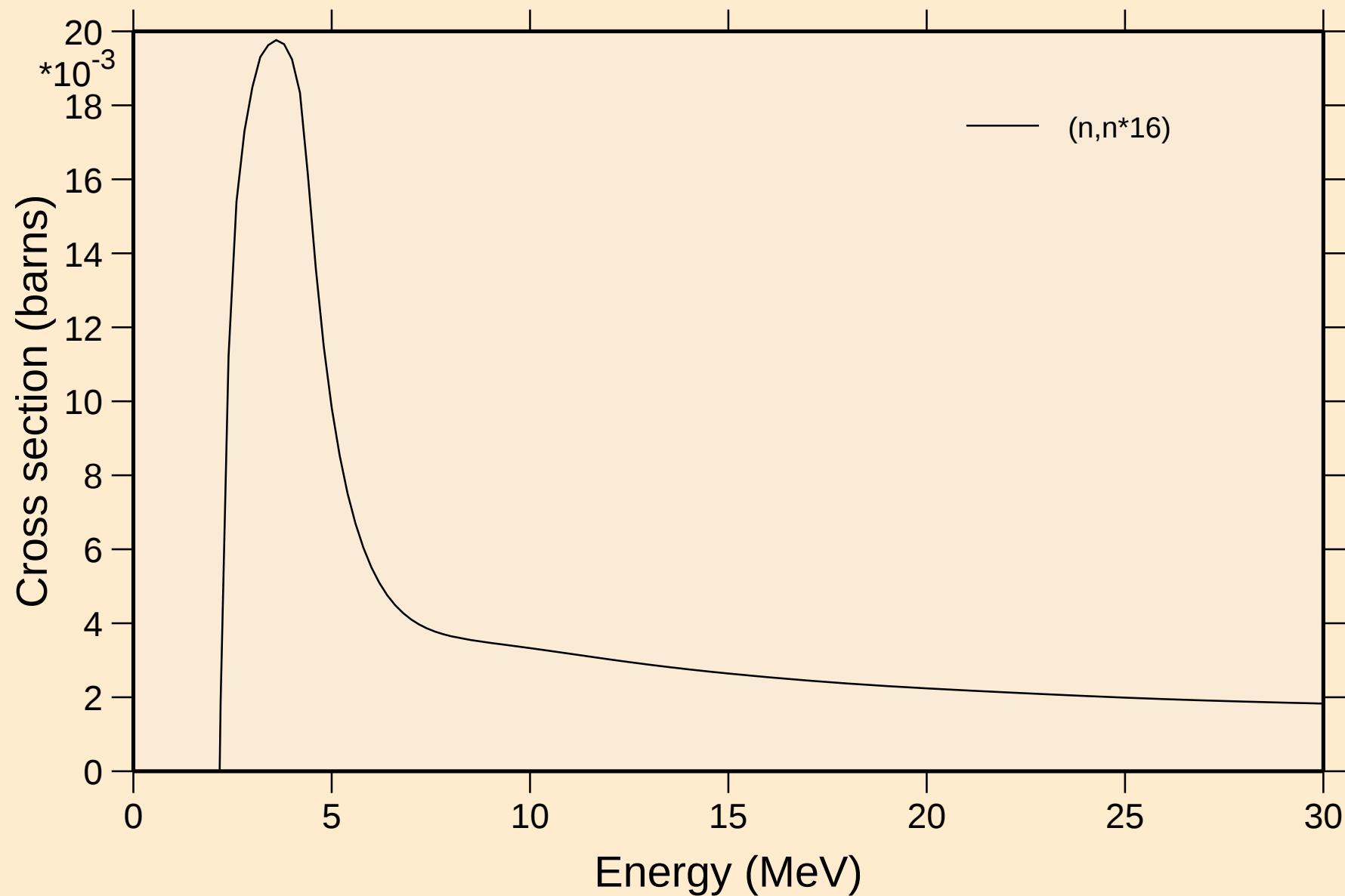


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

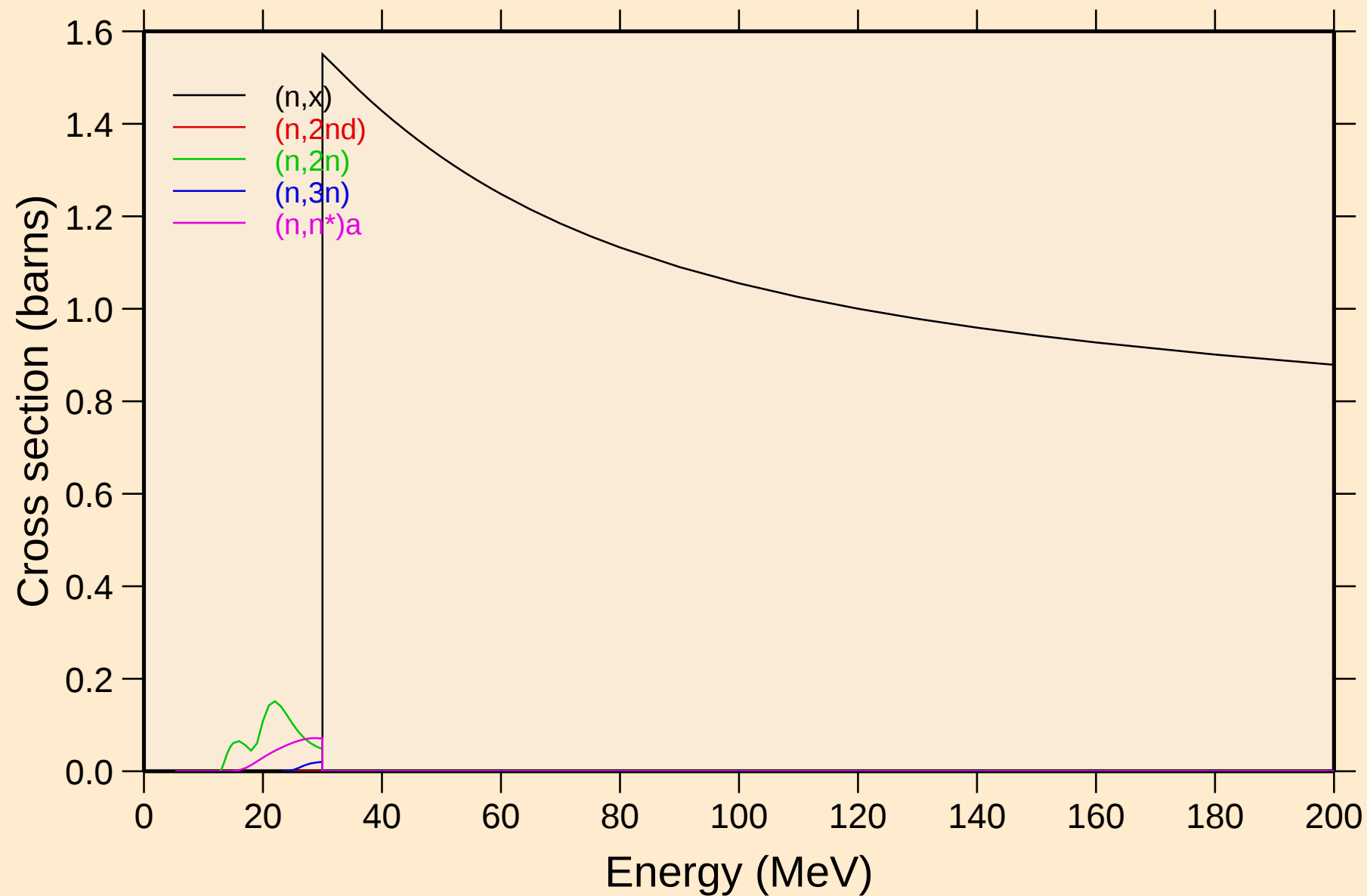


NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

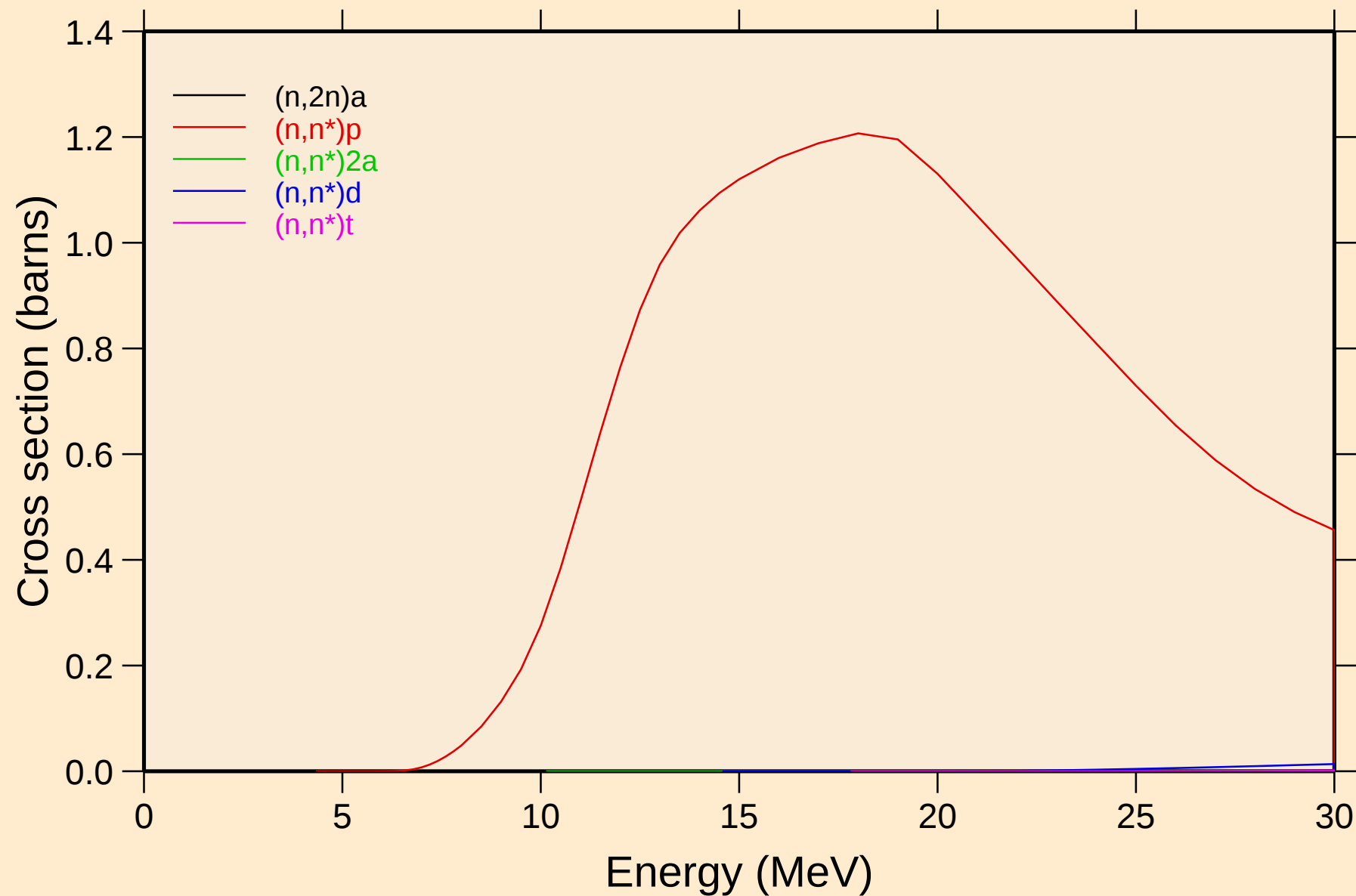
Inelastic levels



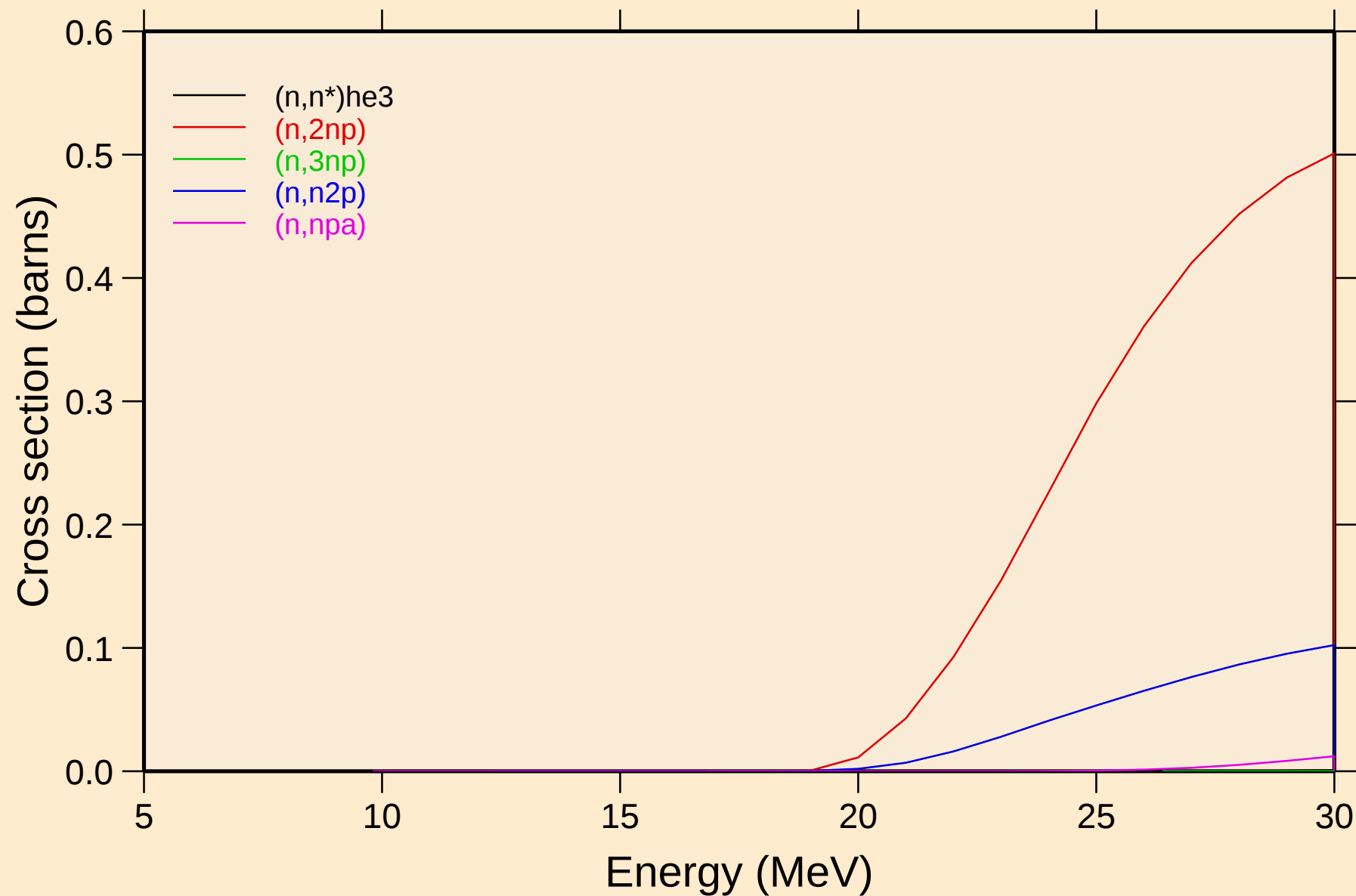
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



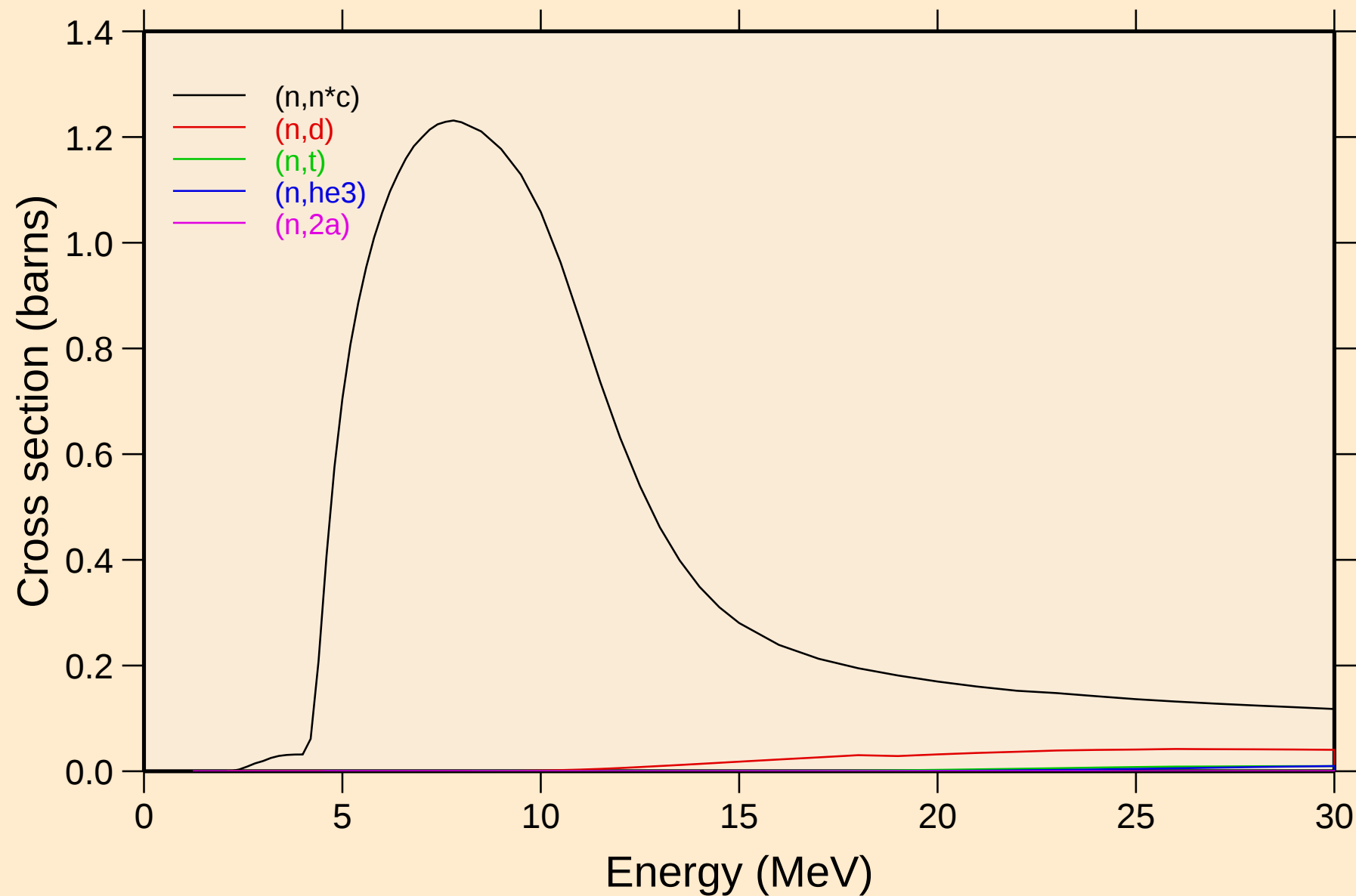
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



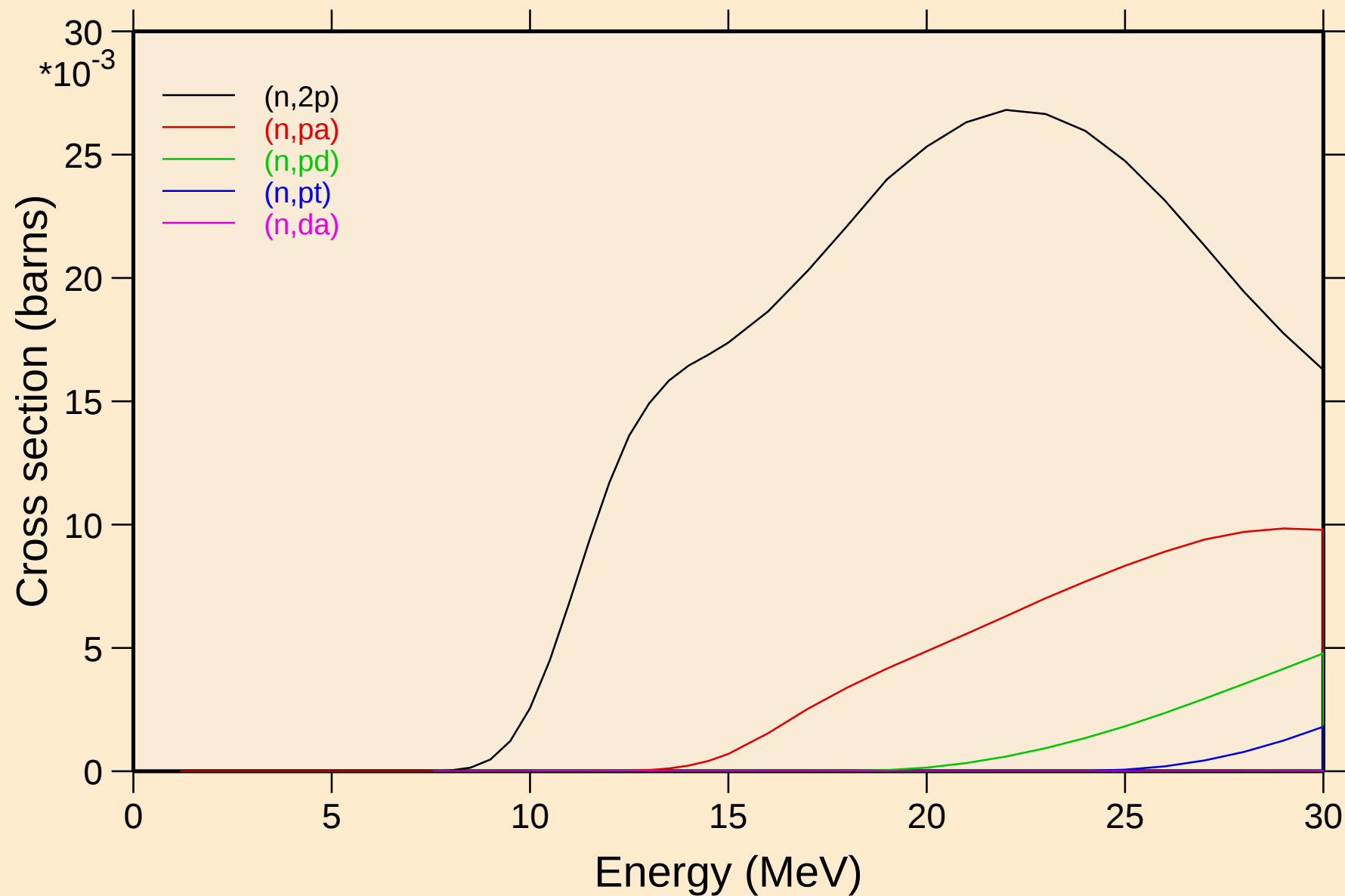
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



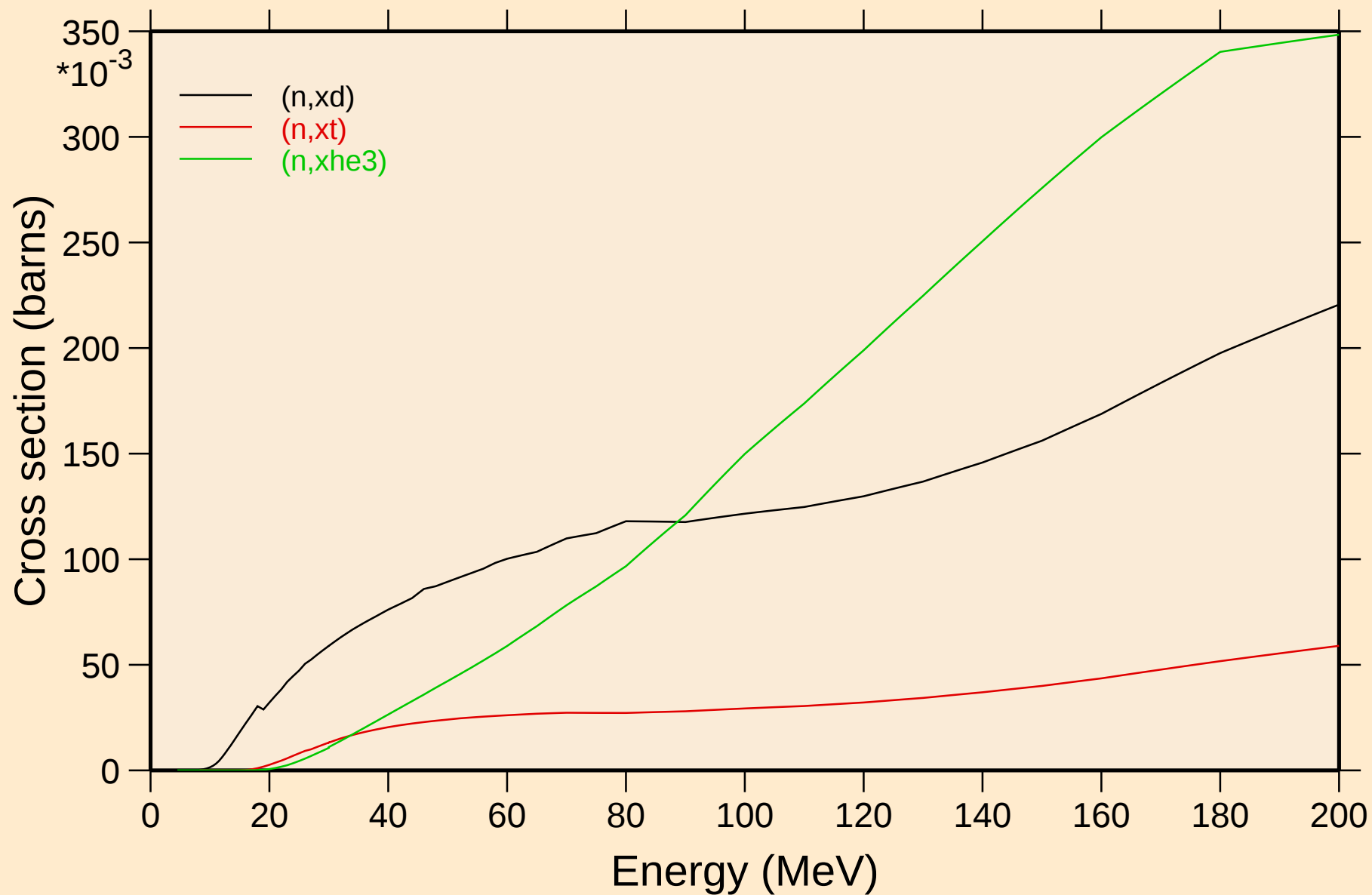
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



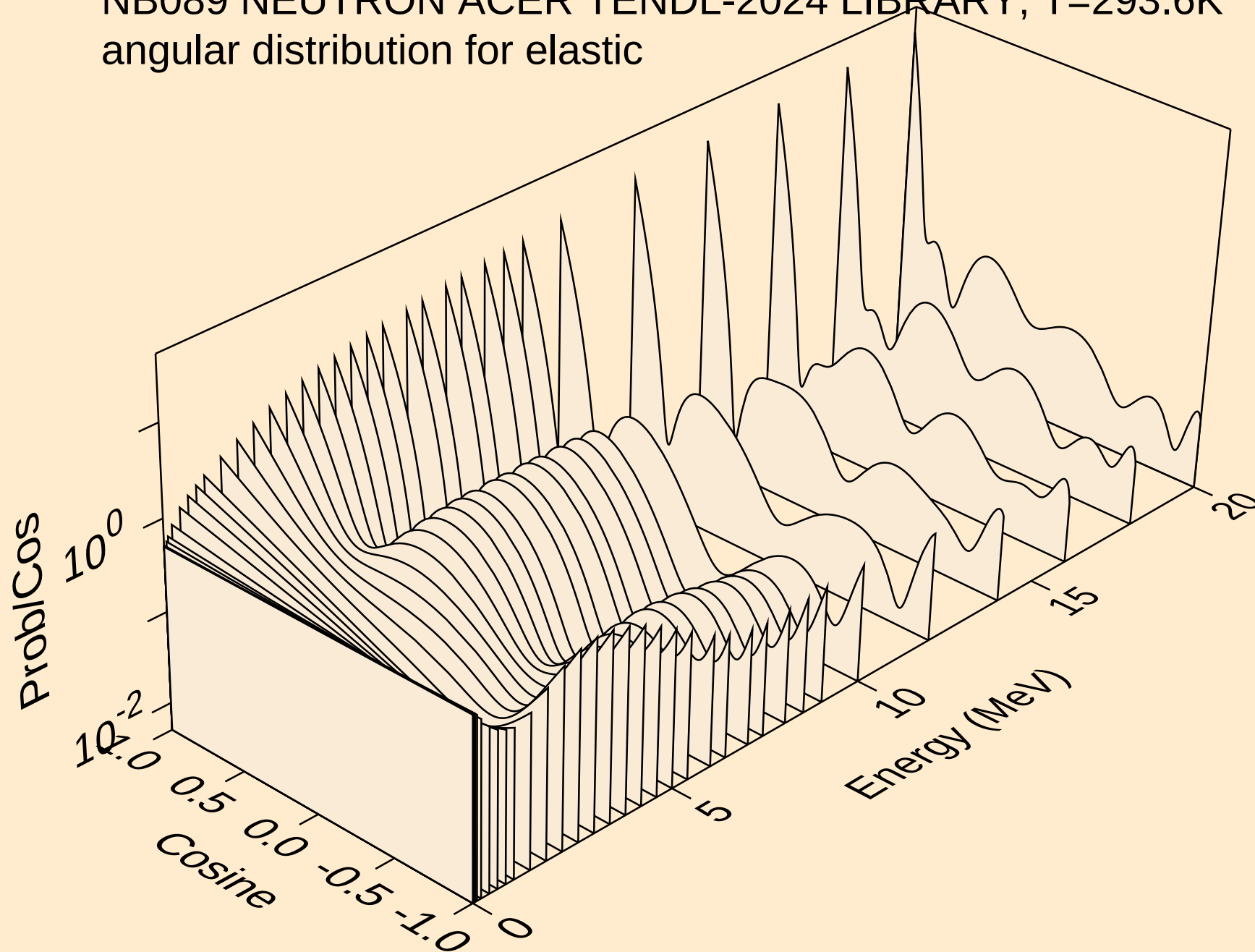
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



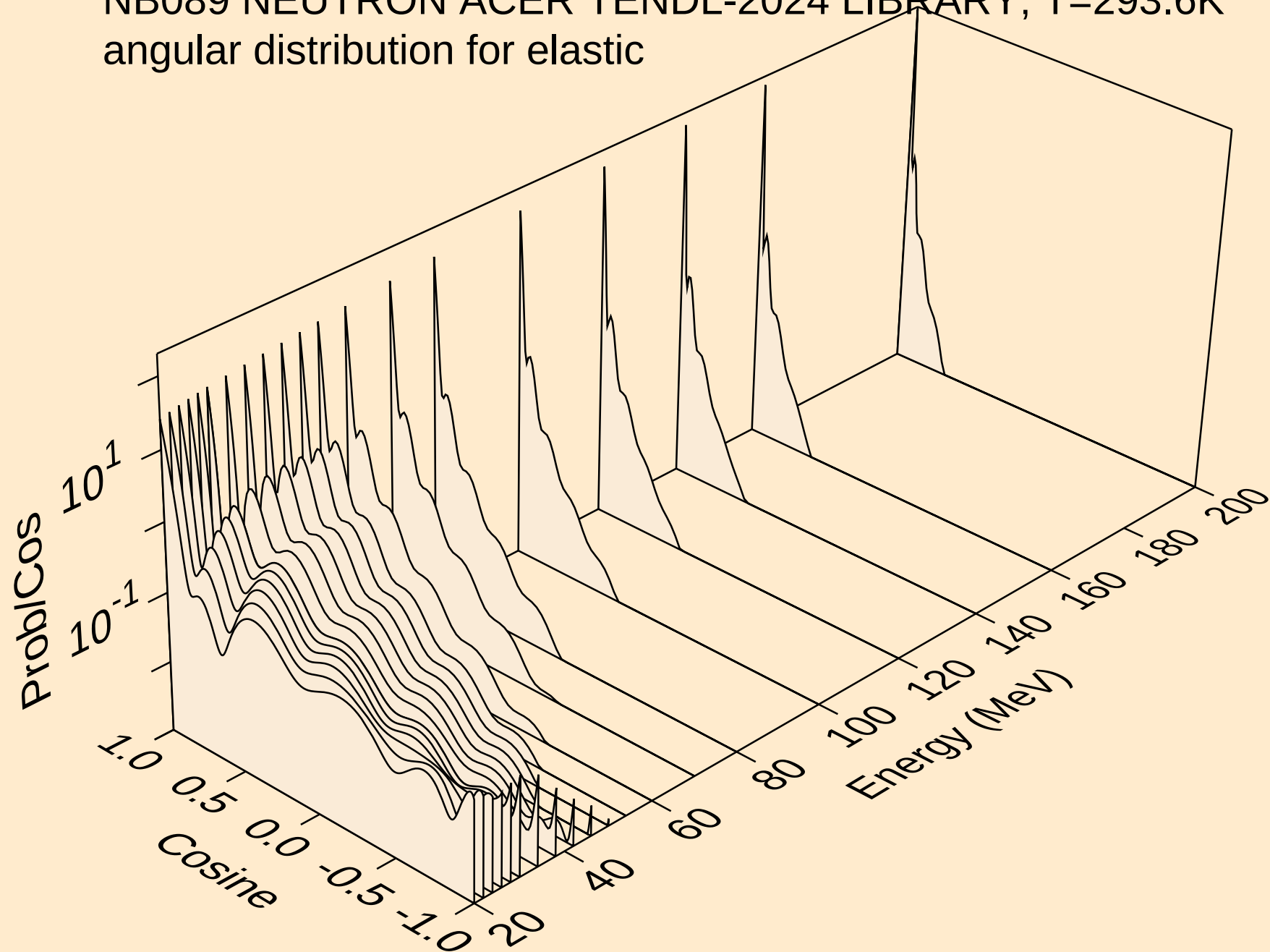
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



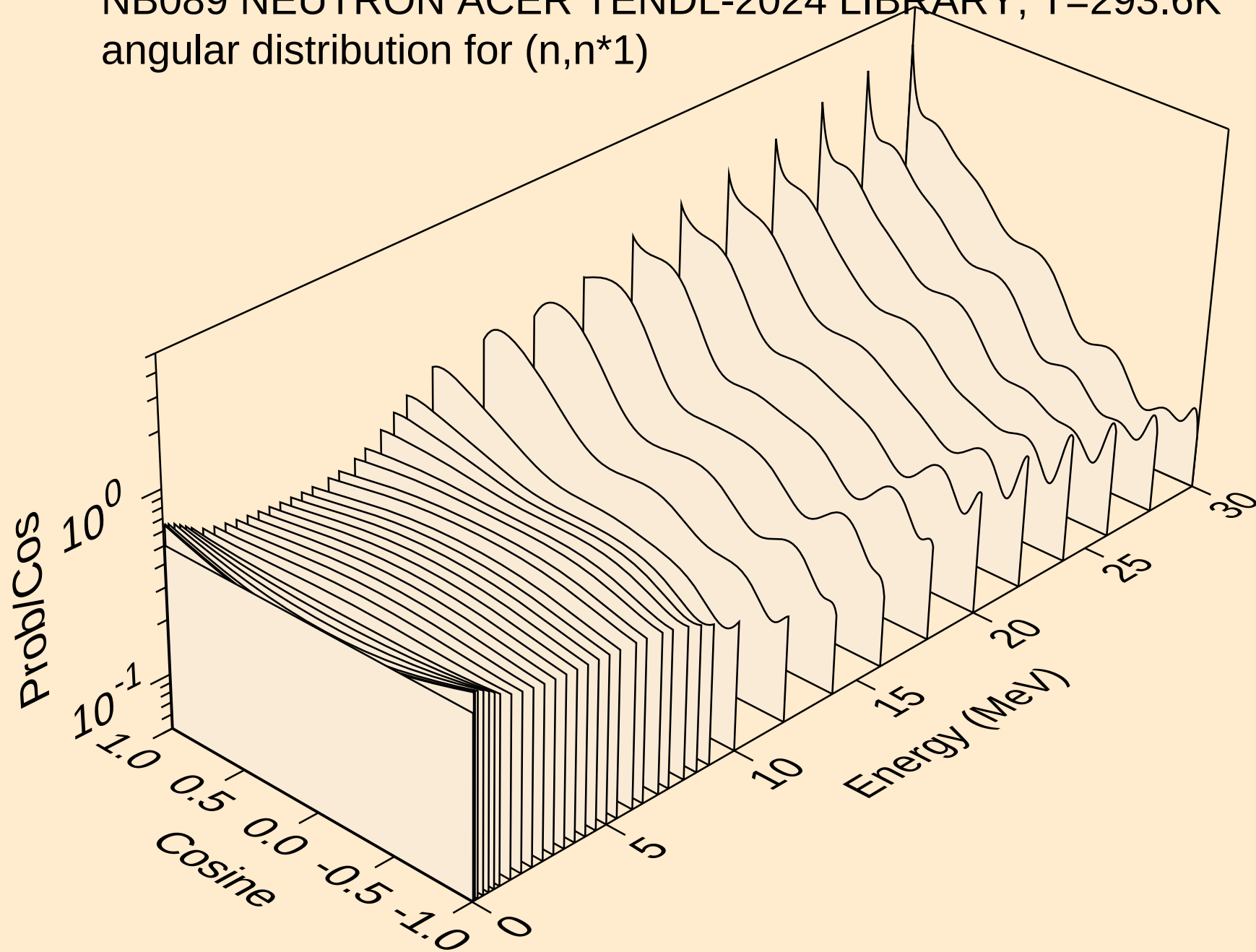
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



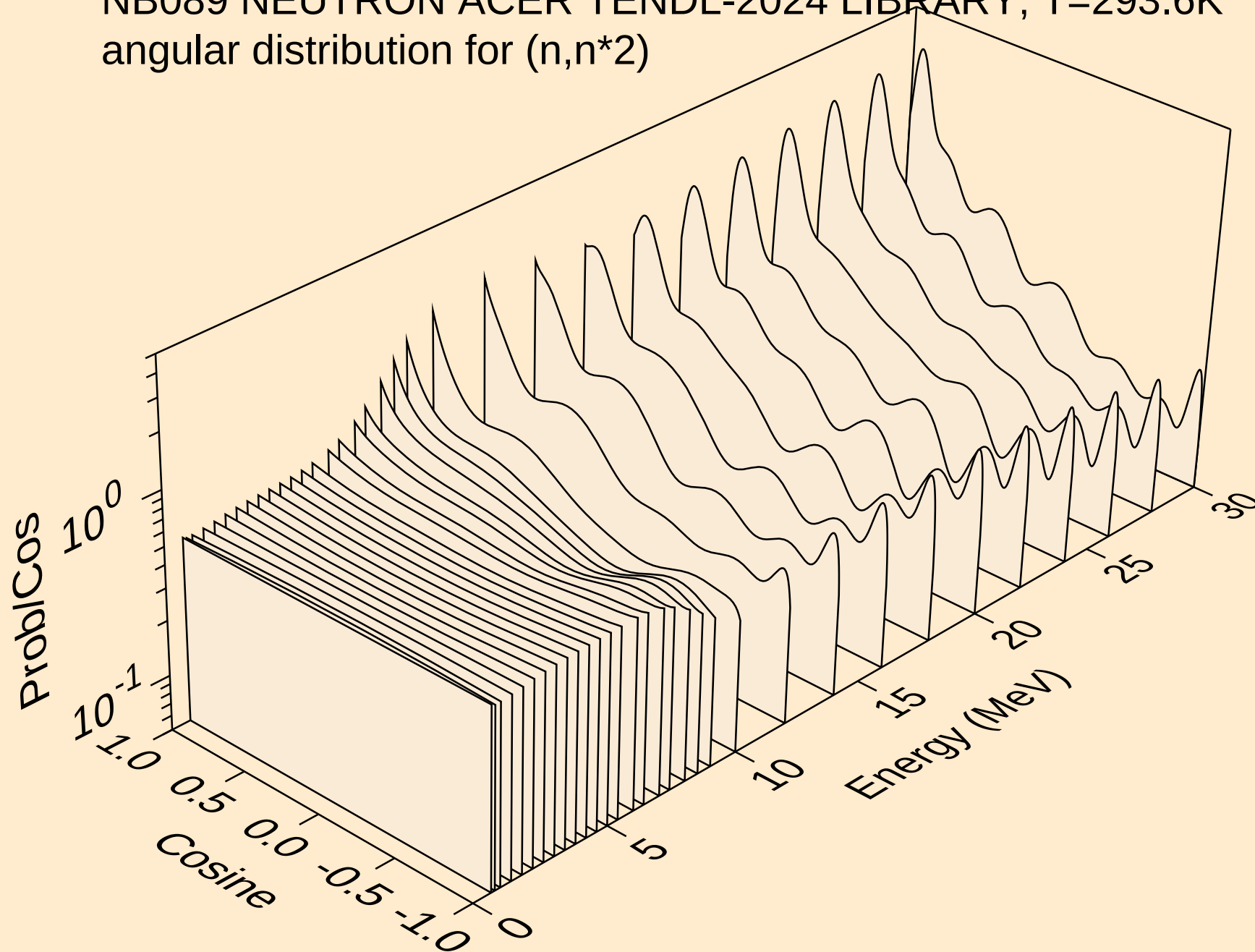
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angular distribution for elastic



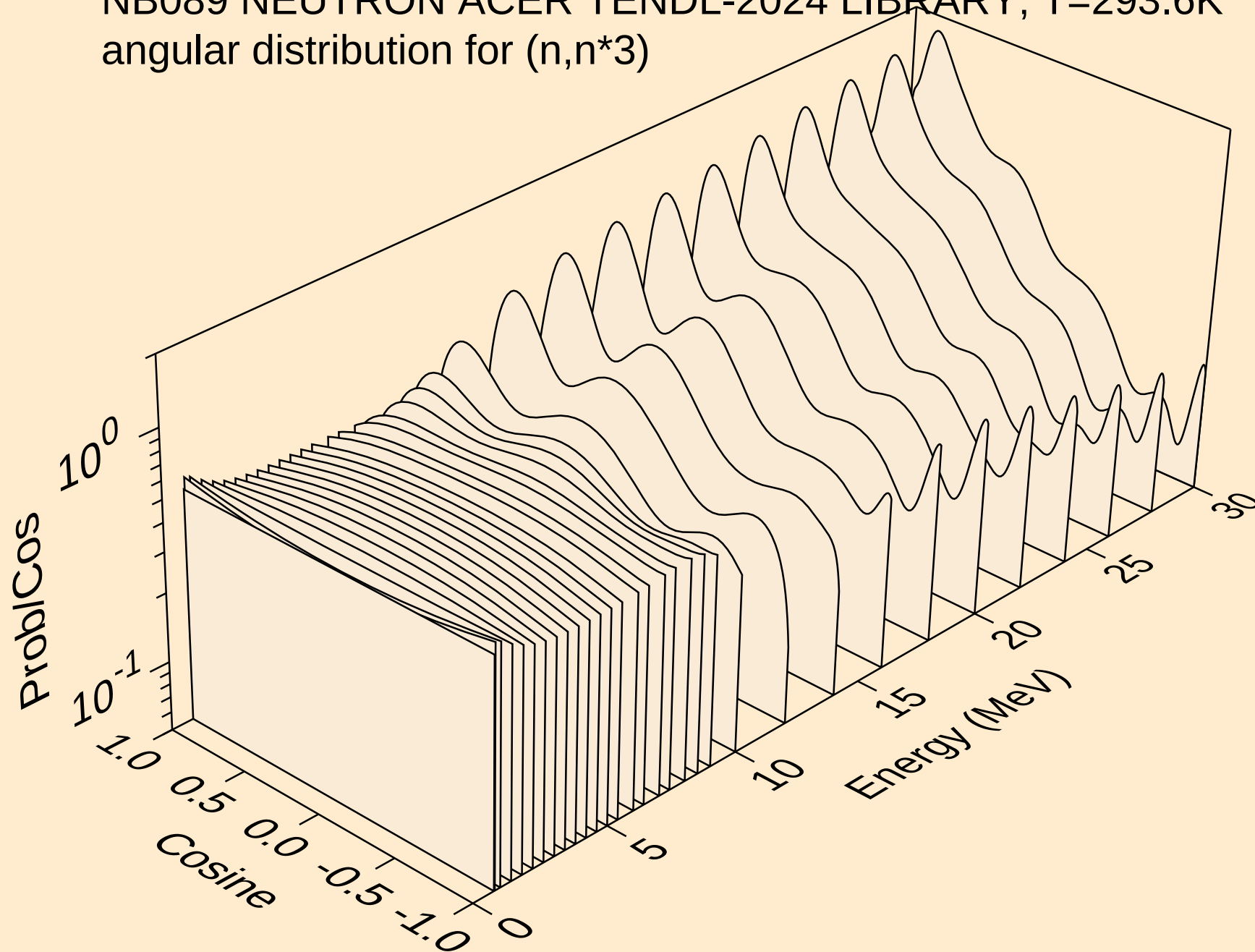
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



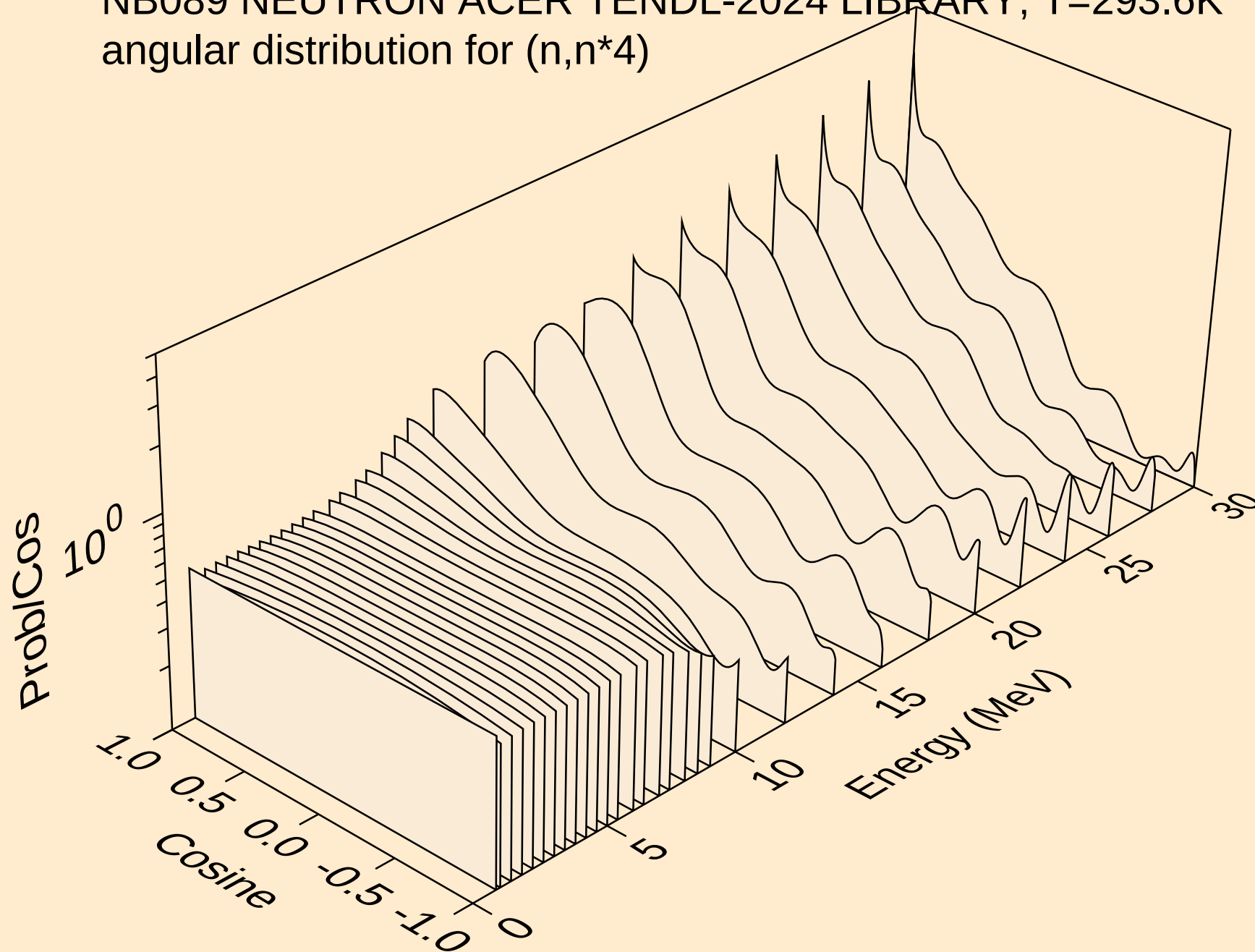
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



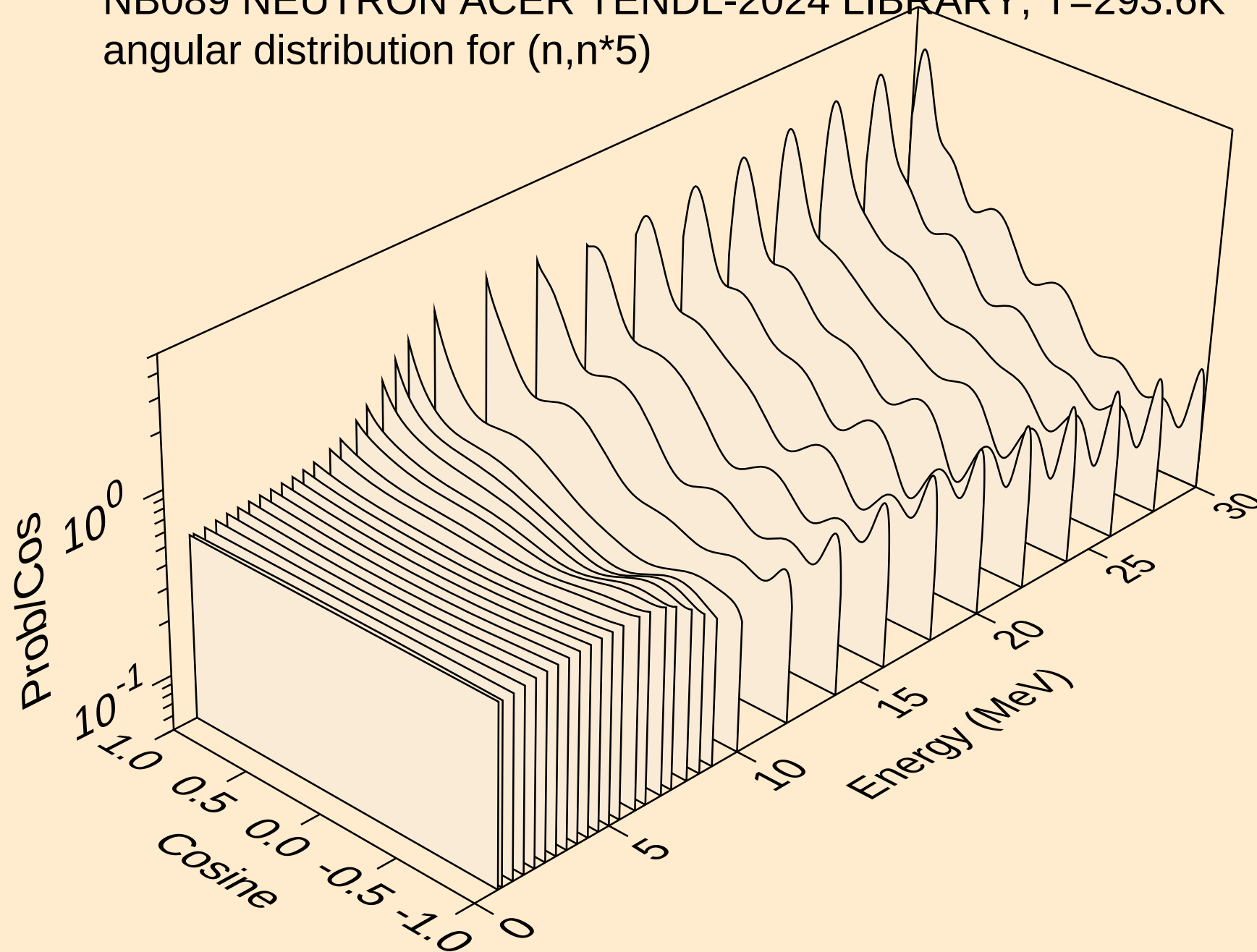
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



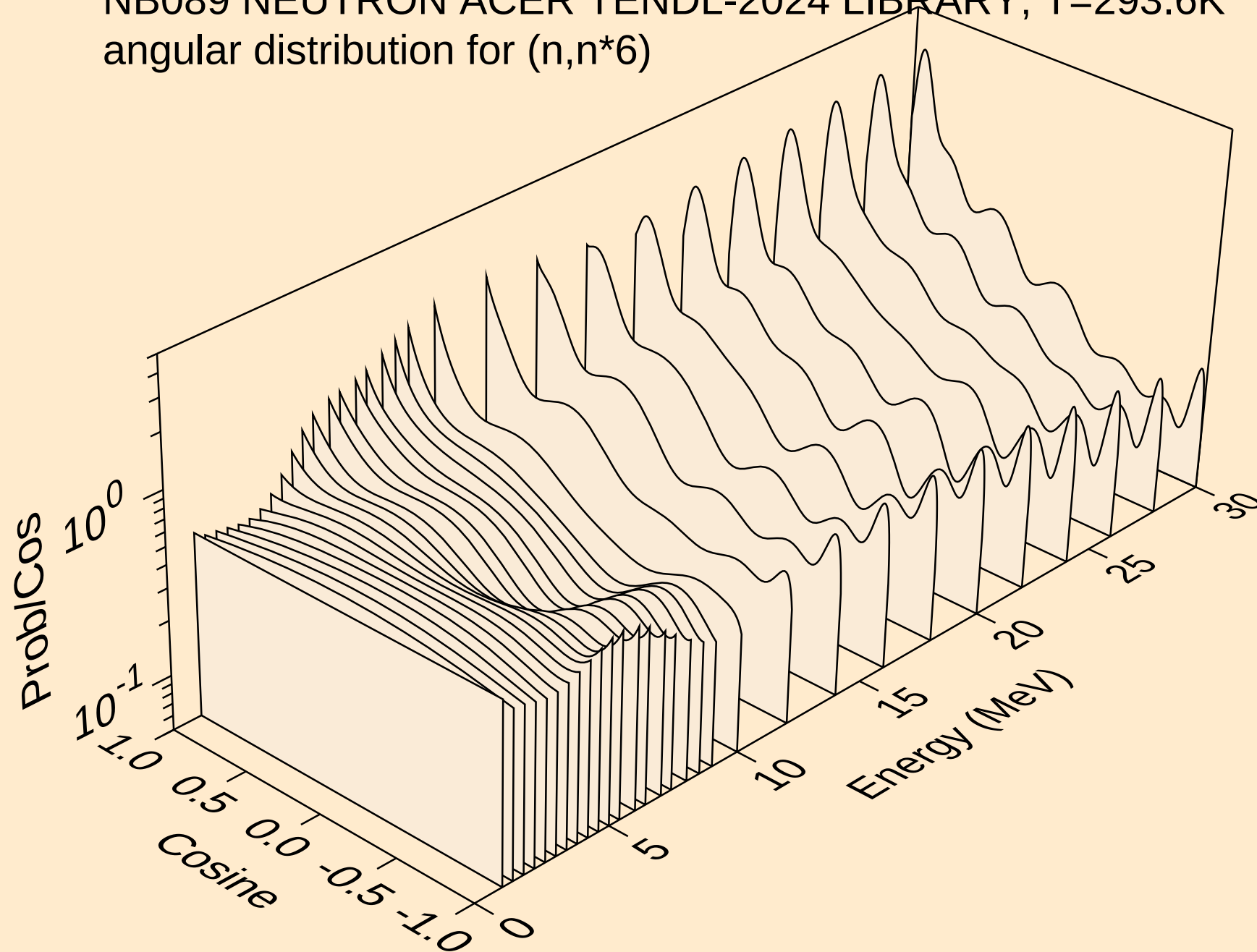
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



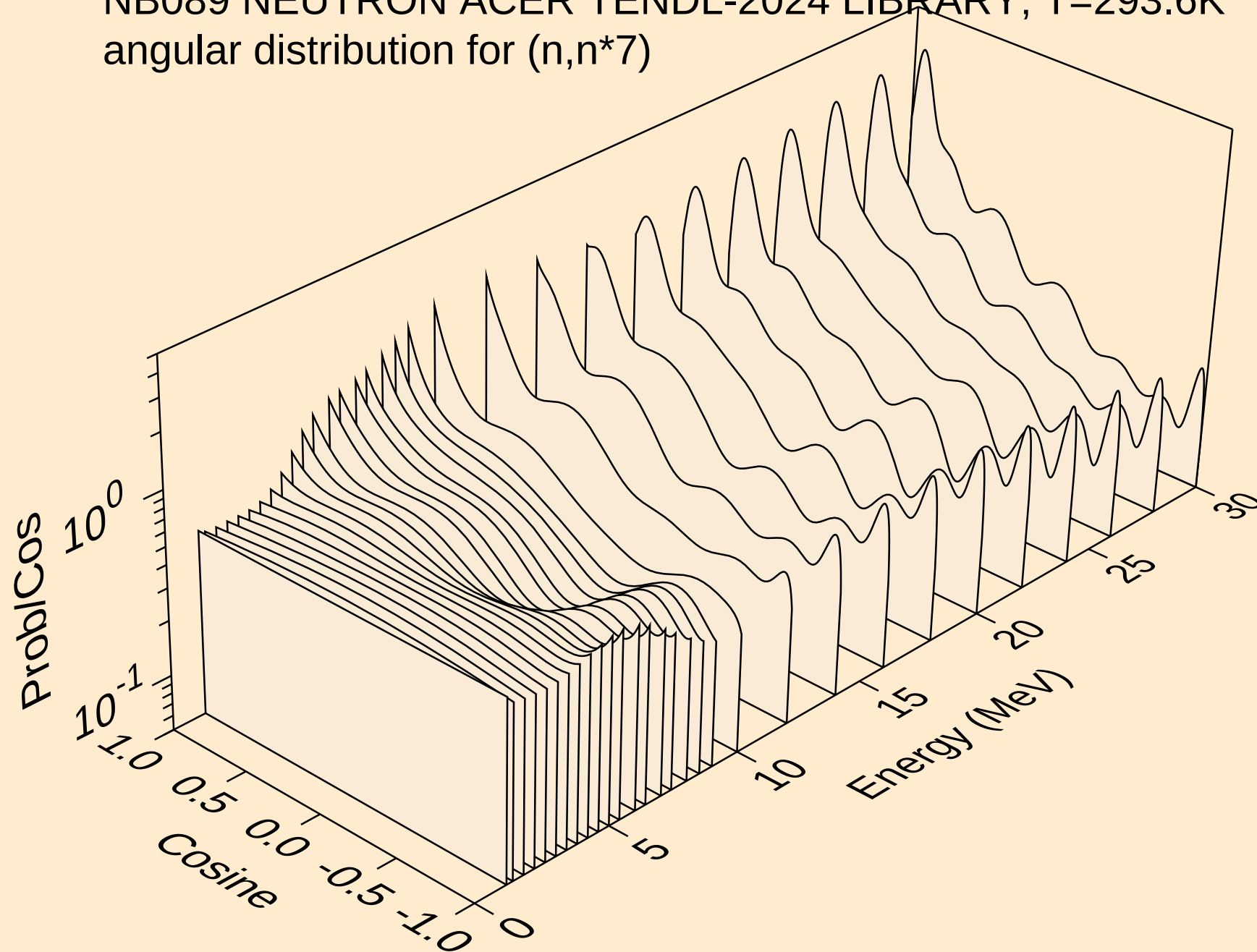
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



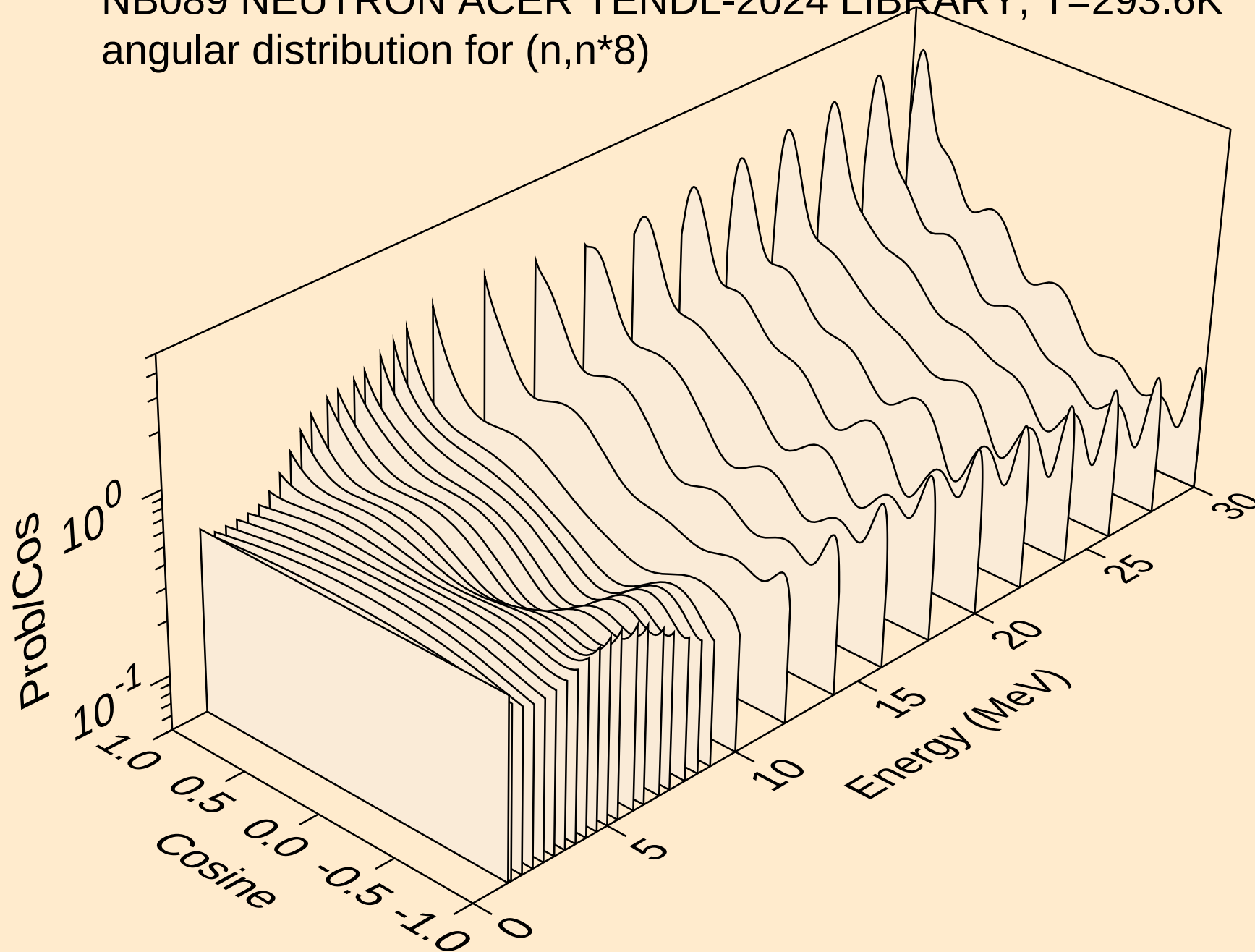
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angular distribution for (n,n*6)



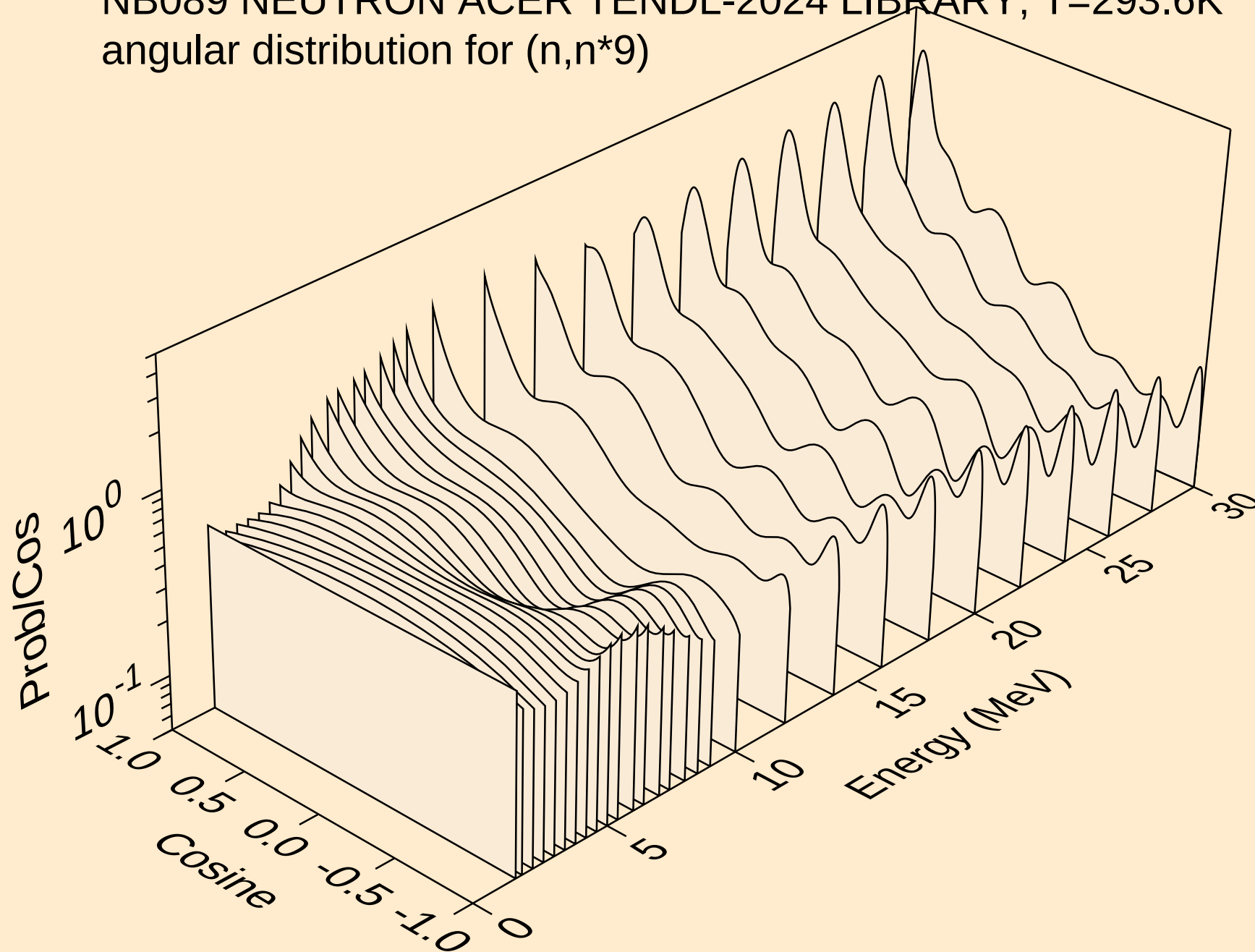
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angular distribution for (n,n*7)



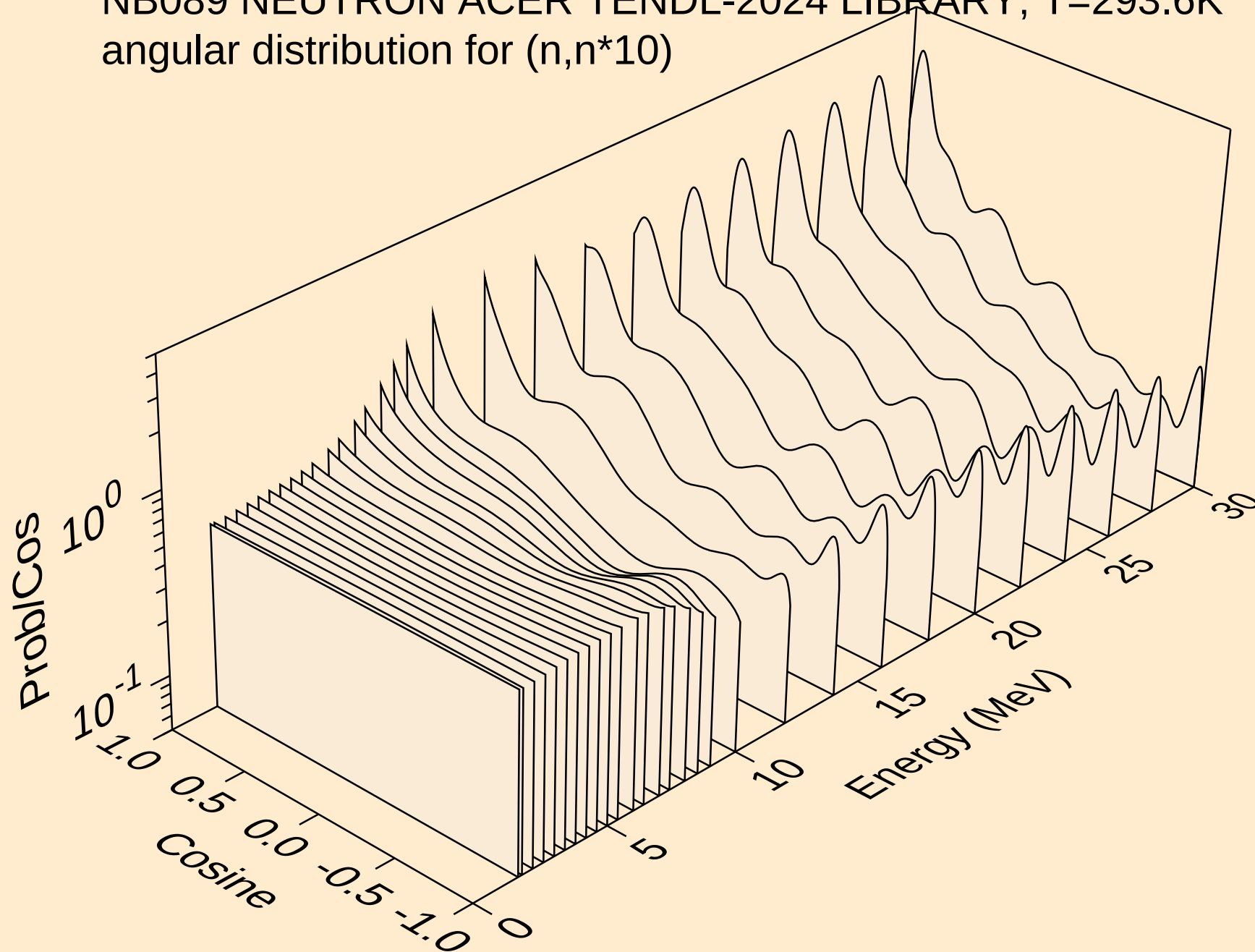
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angular distribution for (n,n*8)



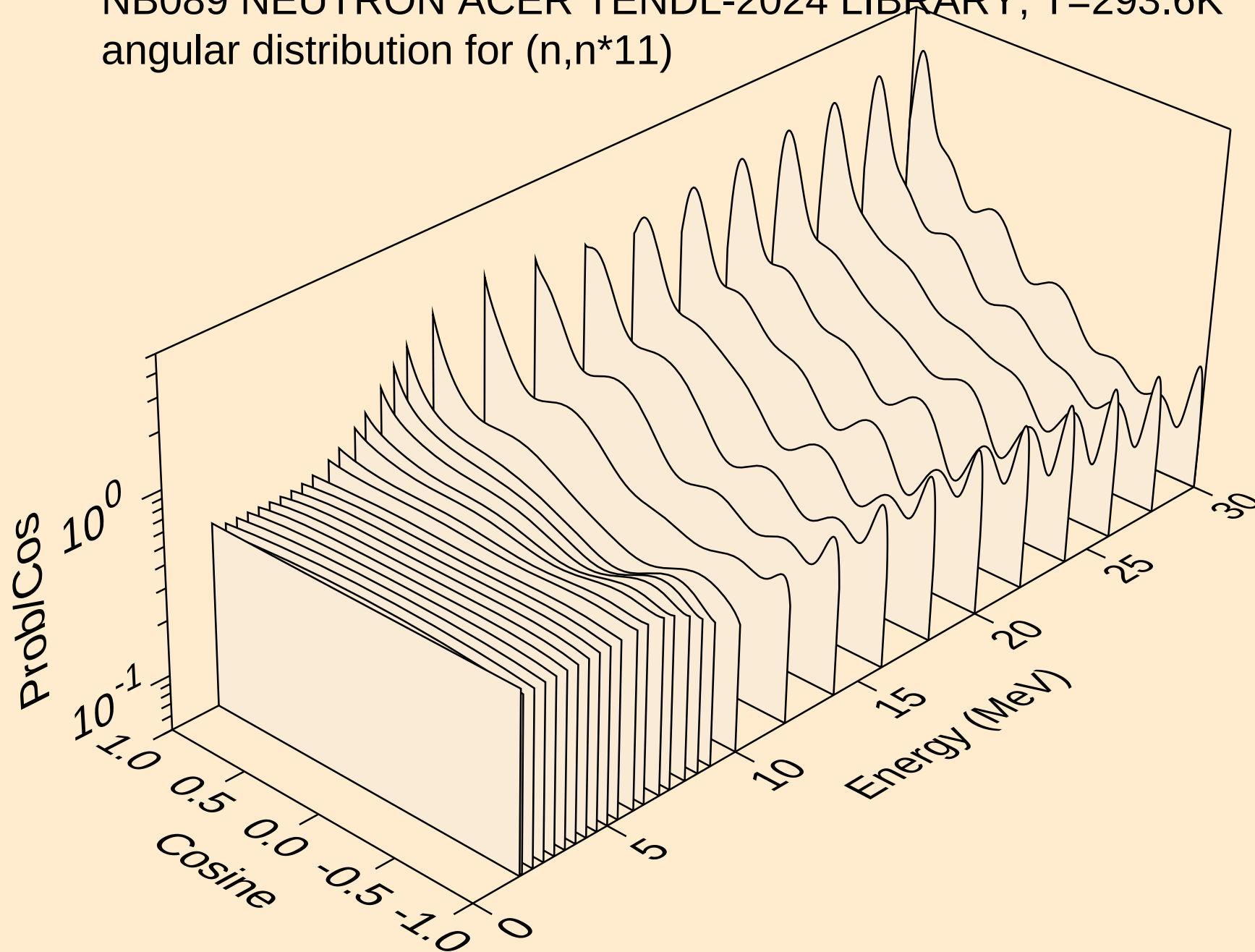
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angular distribution for (n,n*9)



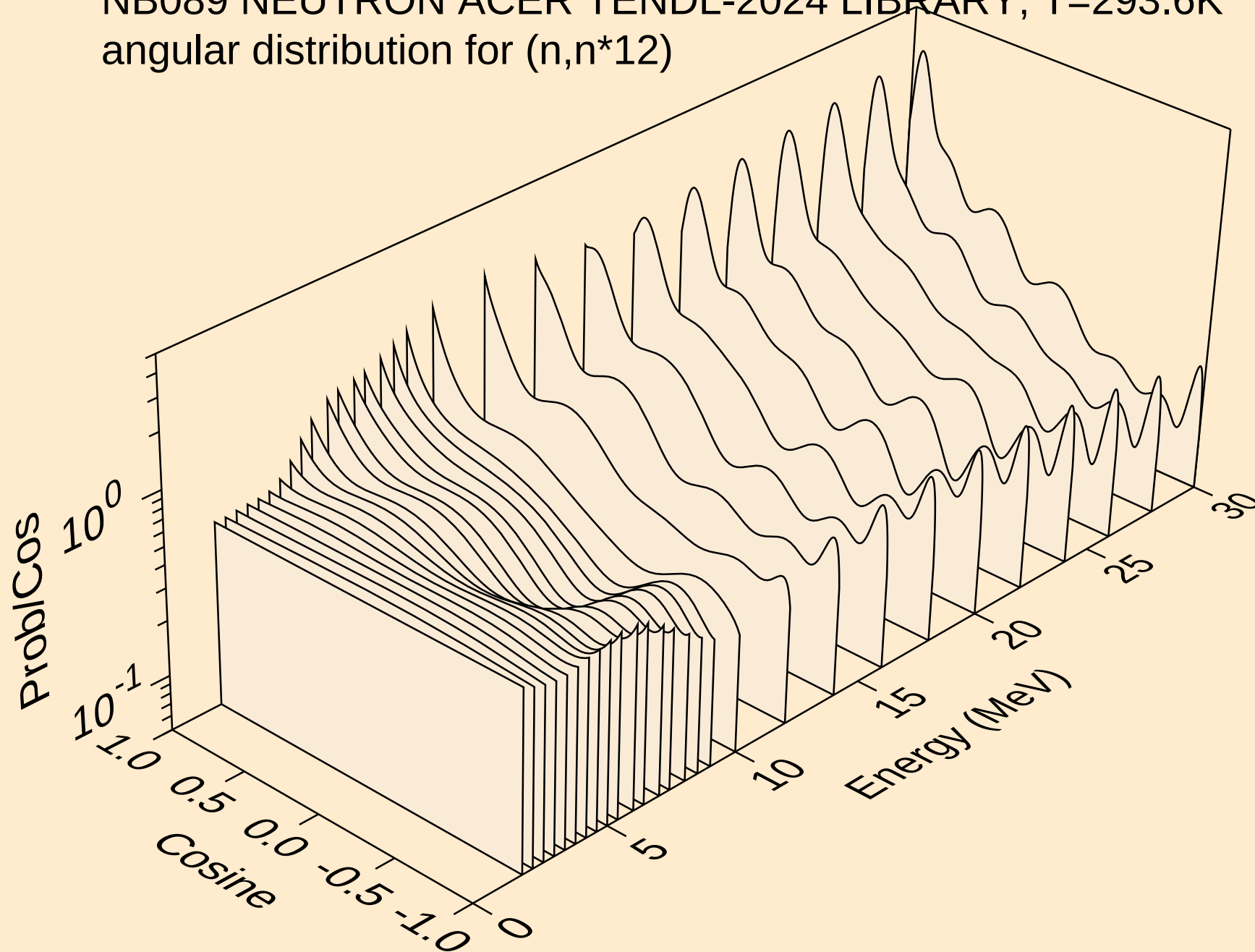
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angular distribution for (n,n*10)



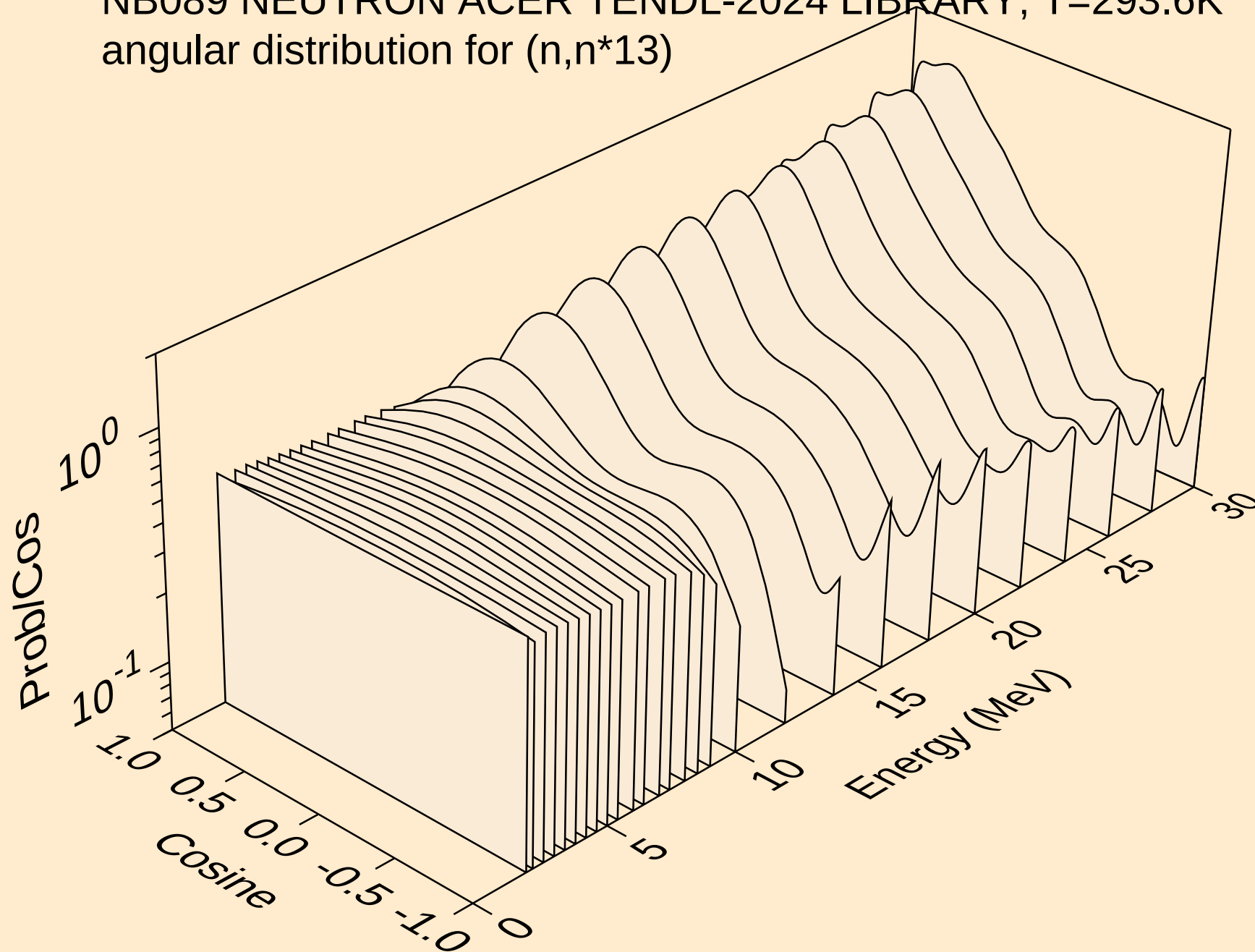
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angular distribution for (n,n*11)



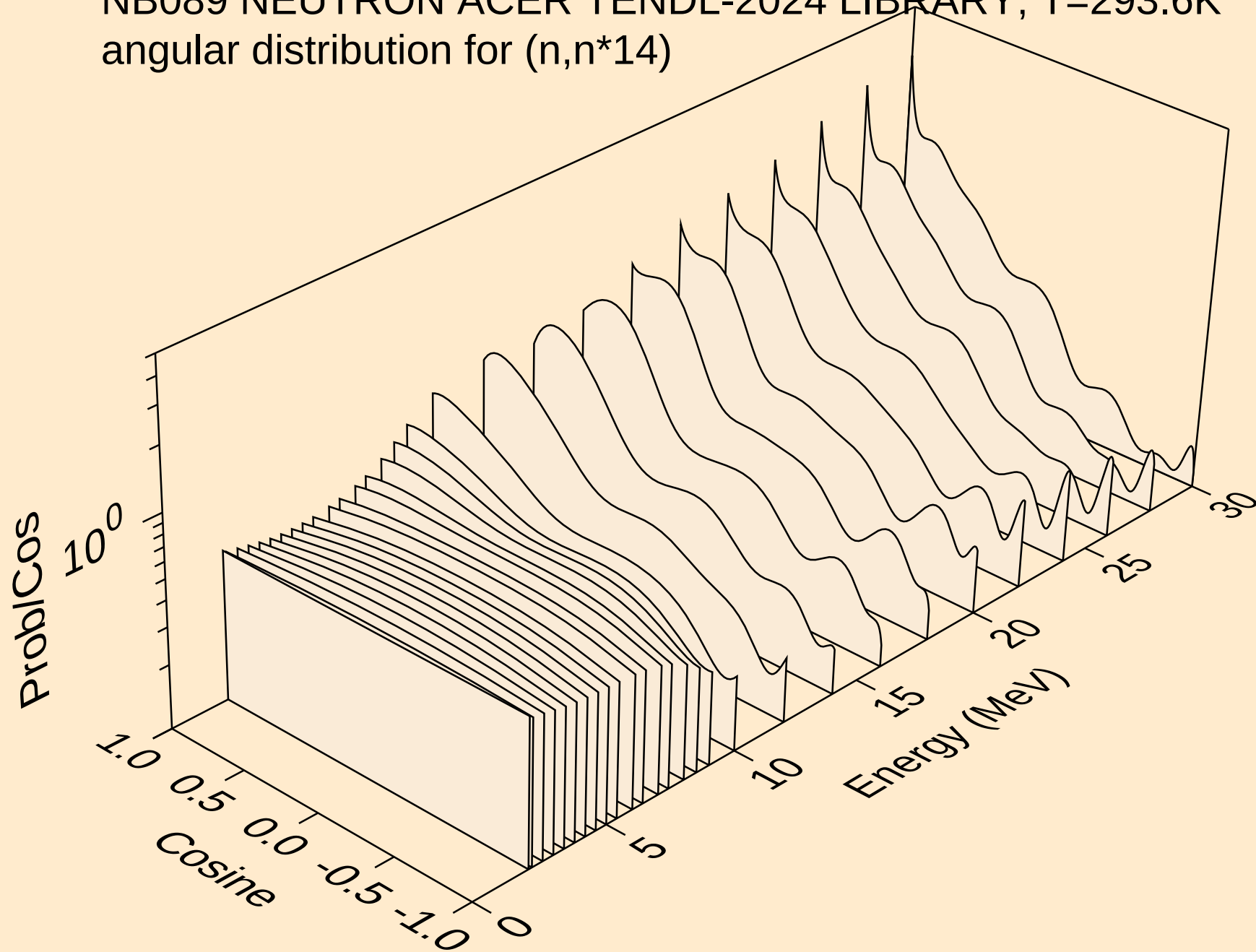
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angular distribution for (n,n*12)



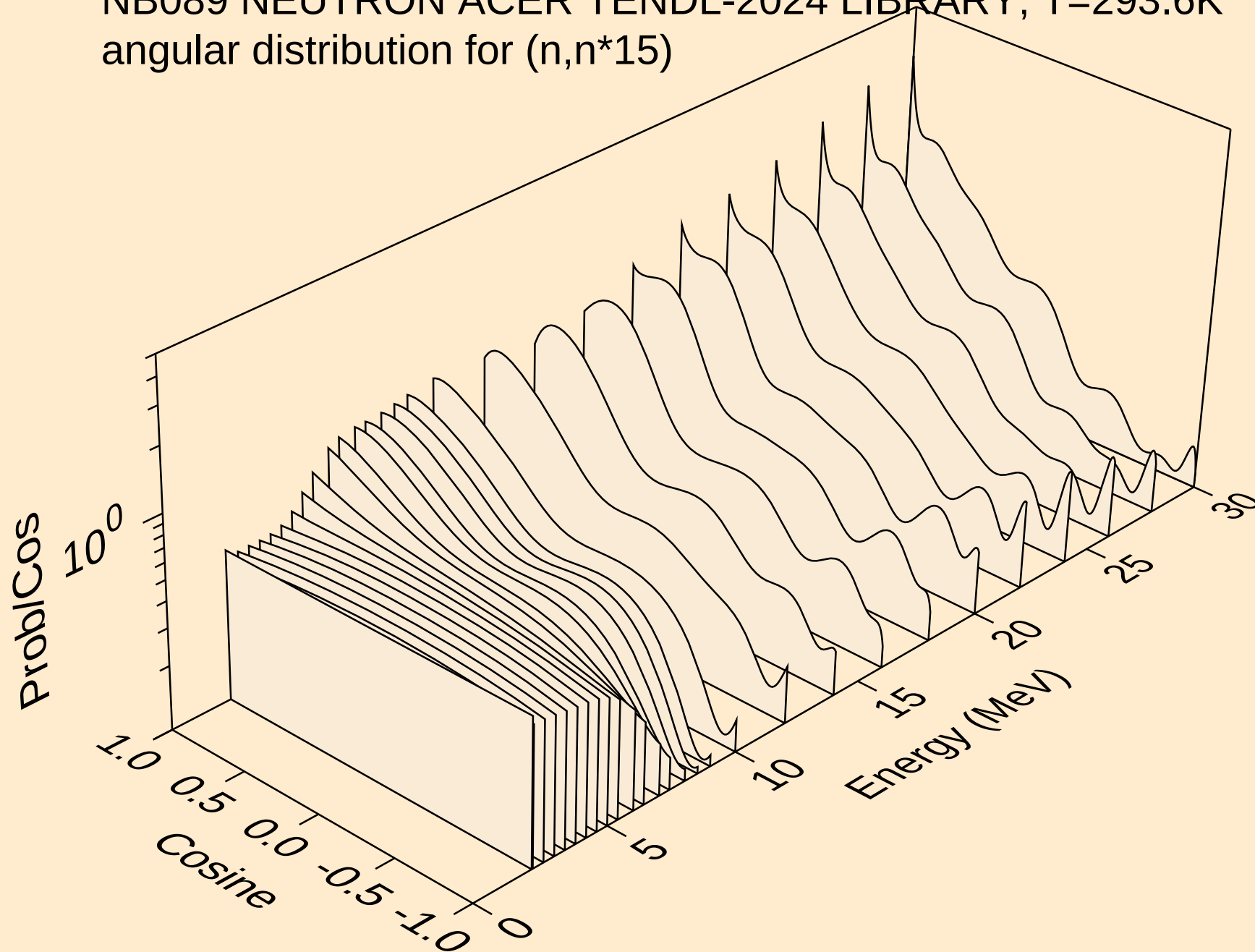
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angular distribution for (n,n*13)



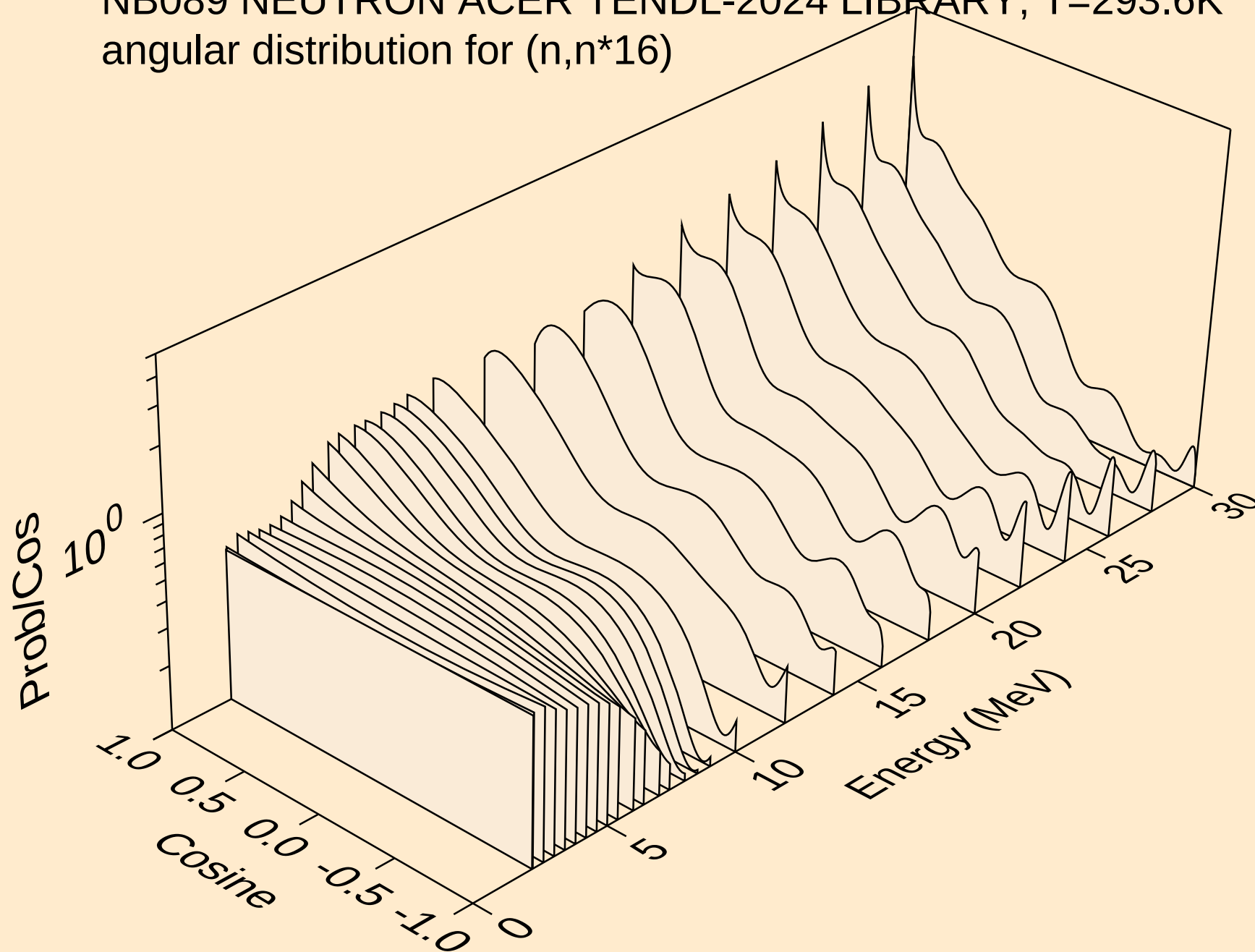
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angular distribution for (n,n*14)



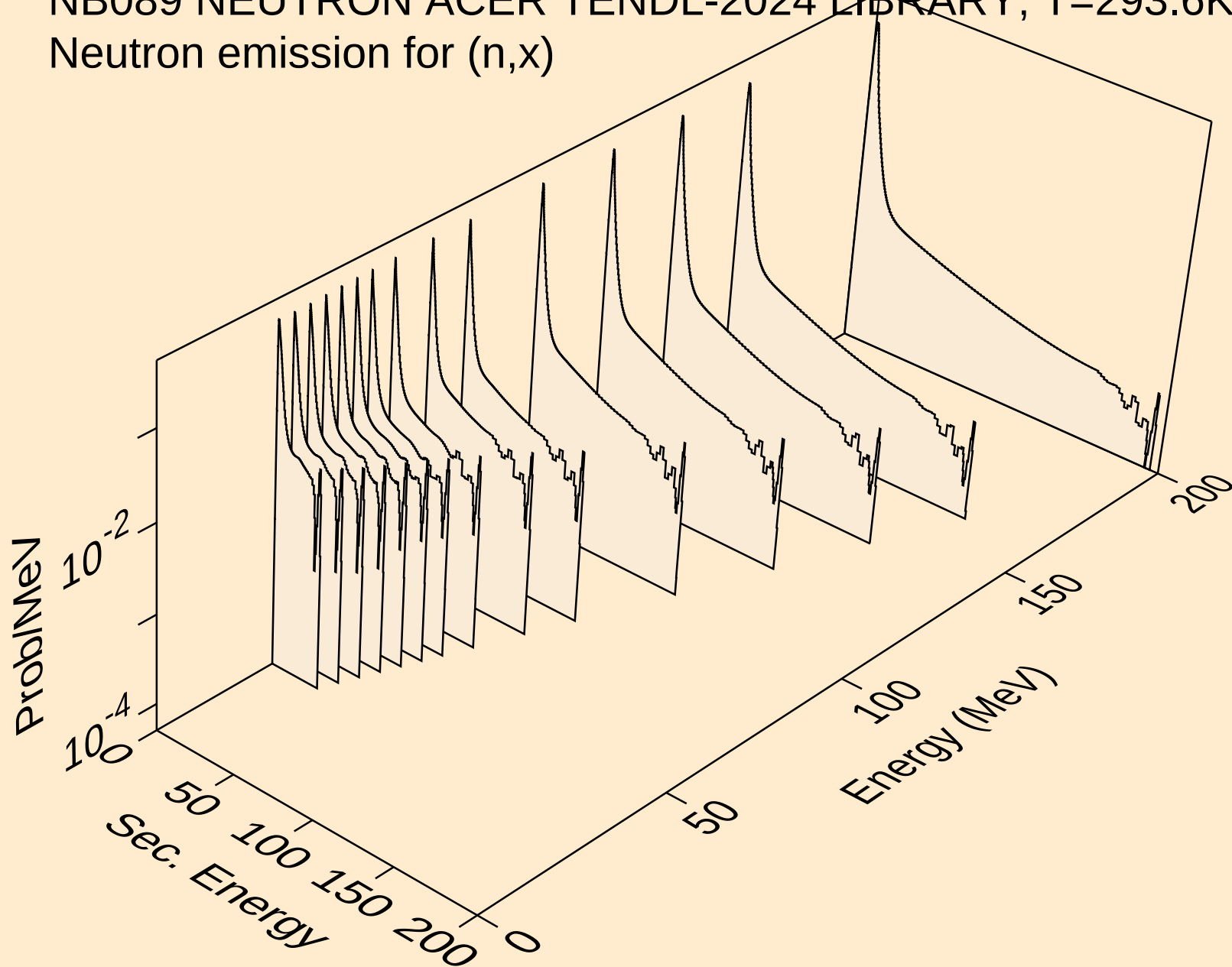
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angular distribution for (n,n*15)



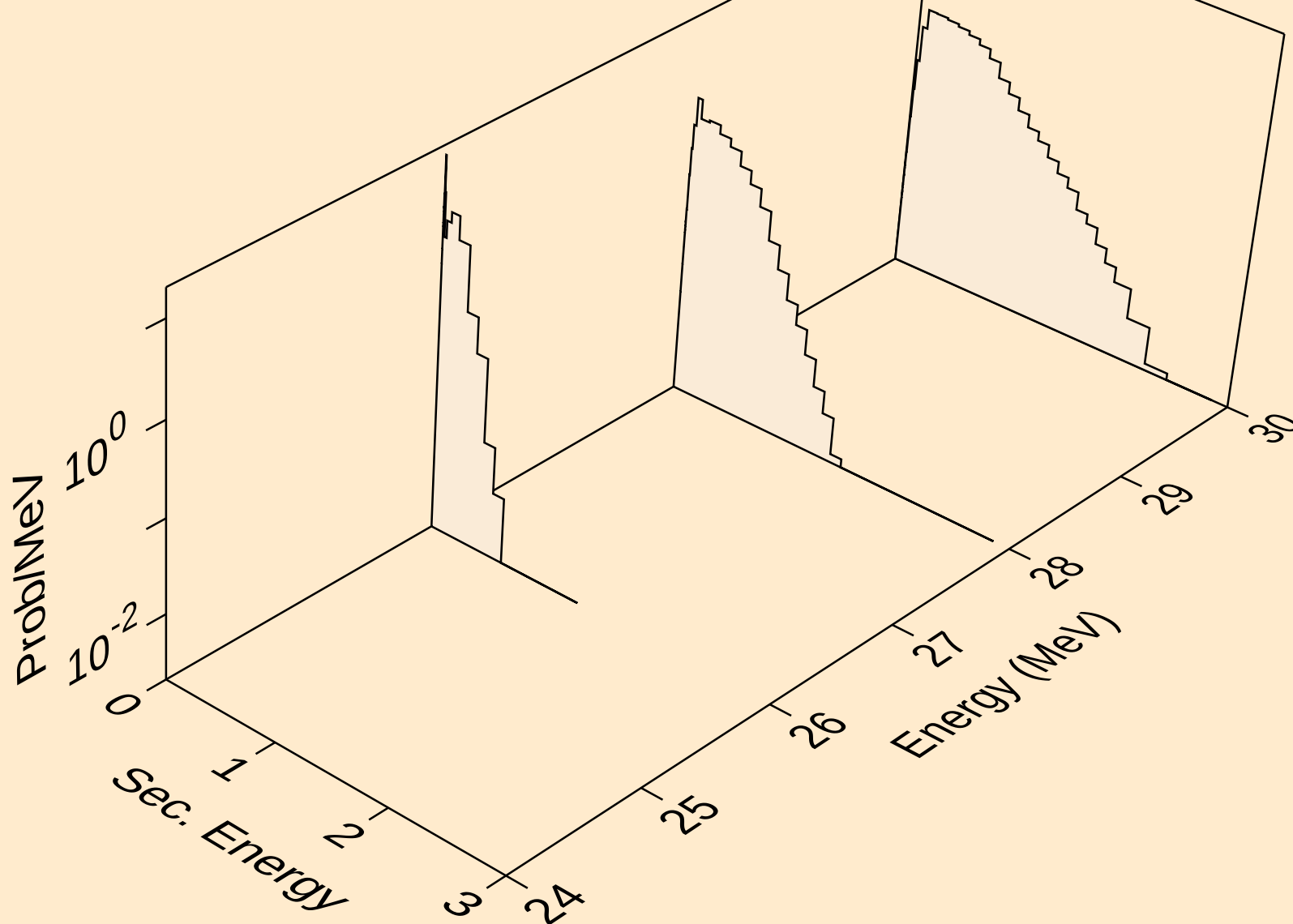
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angular distribution for (n,n*16)



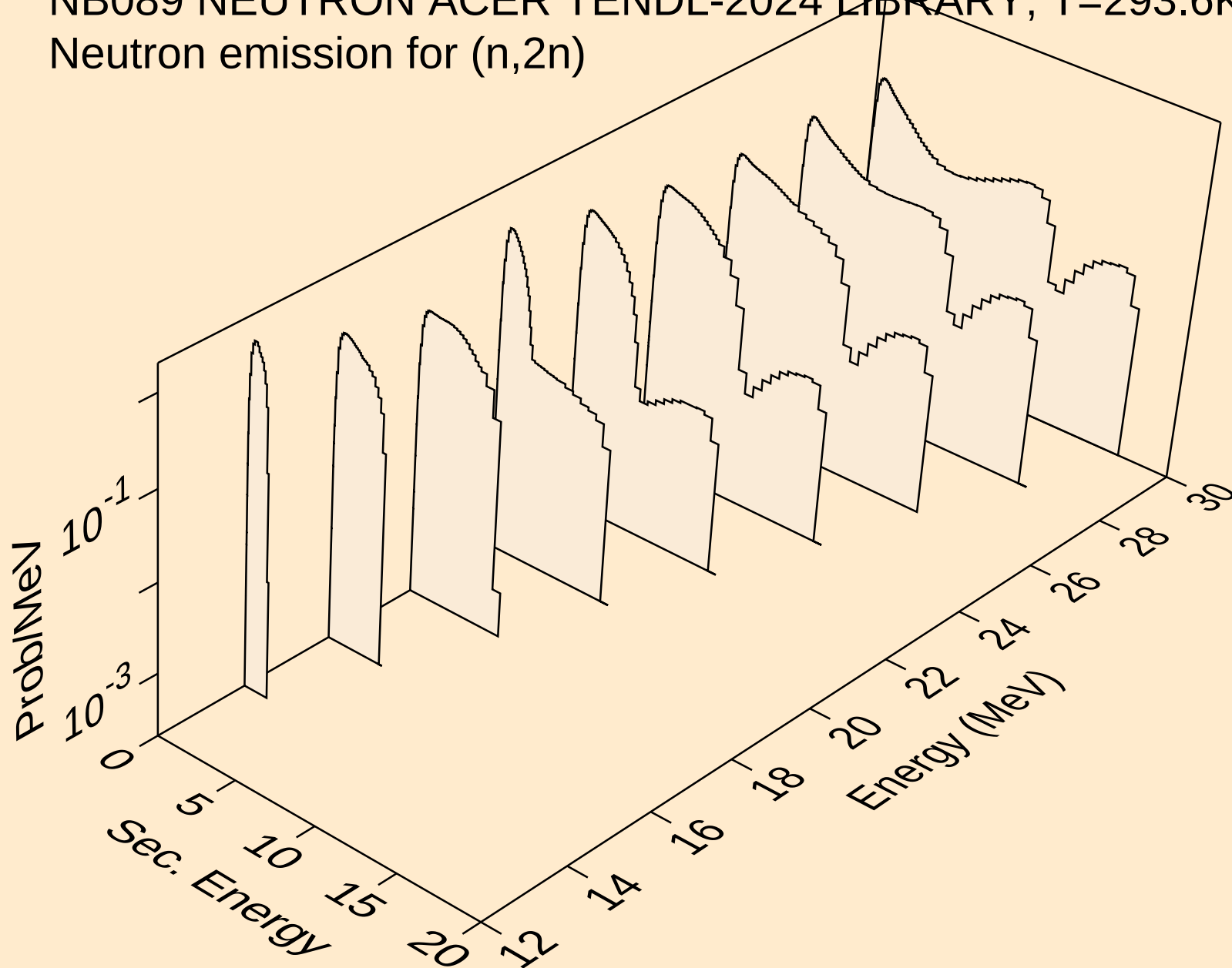
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



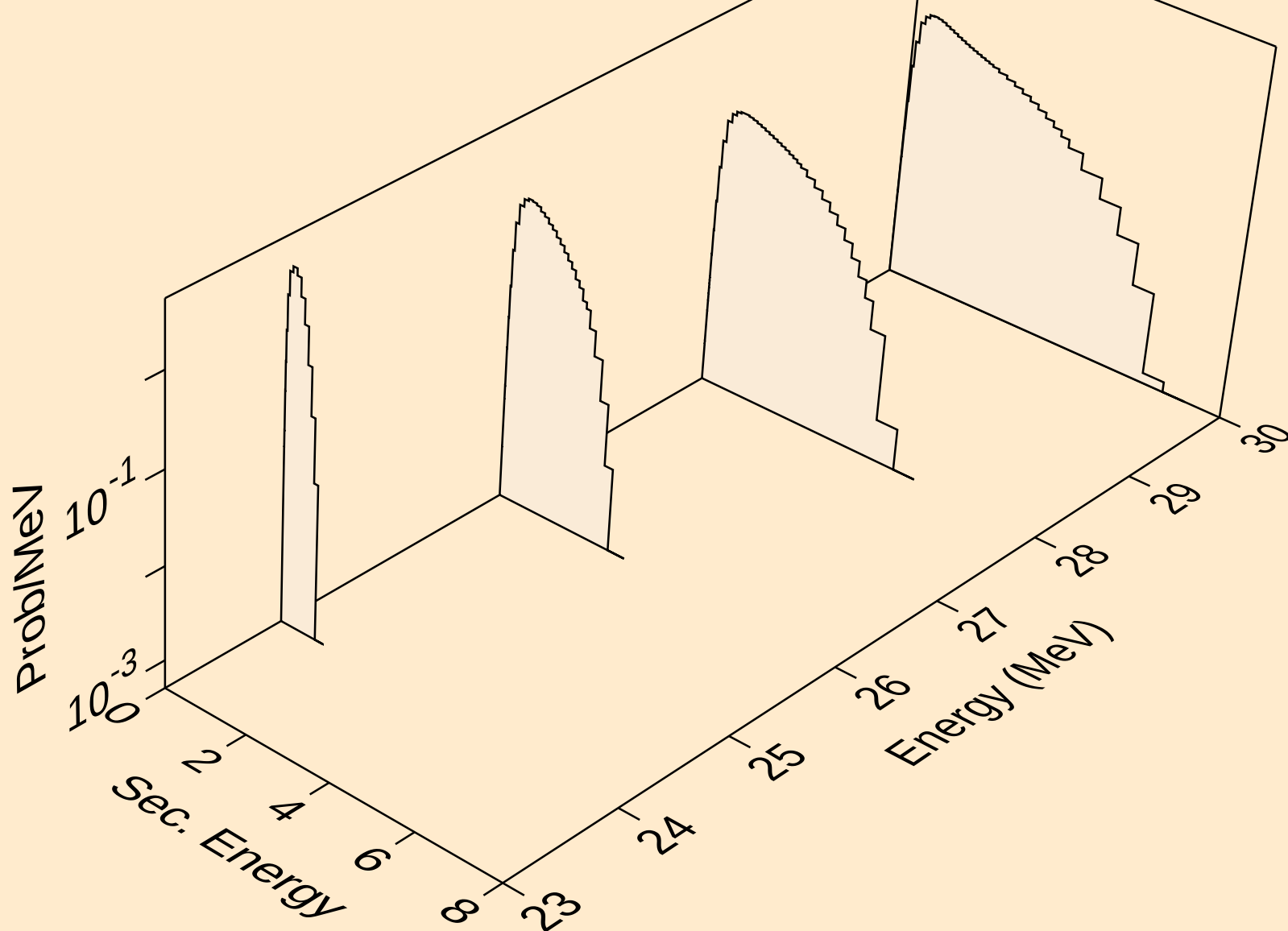
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



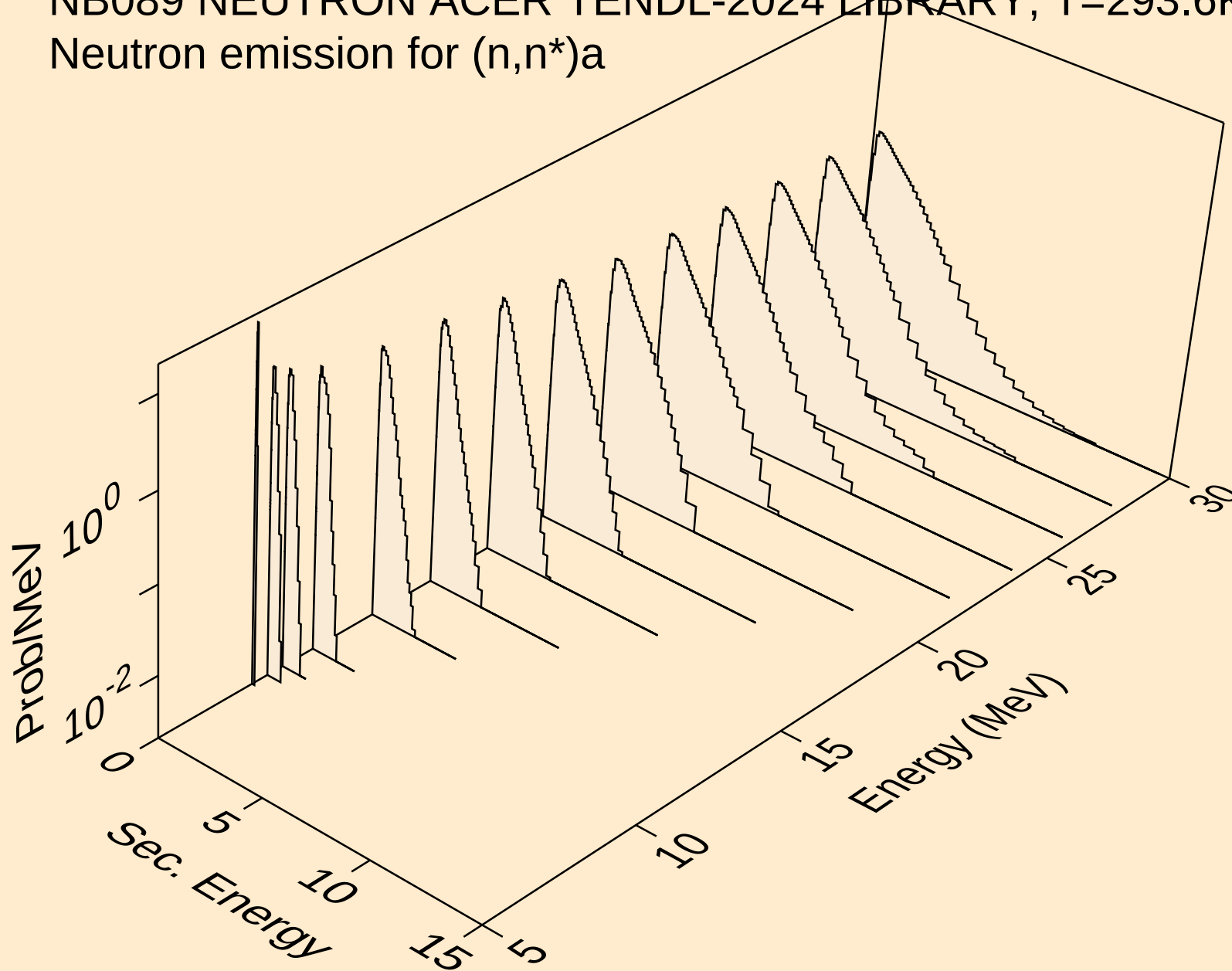
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



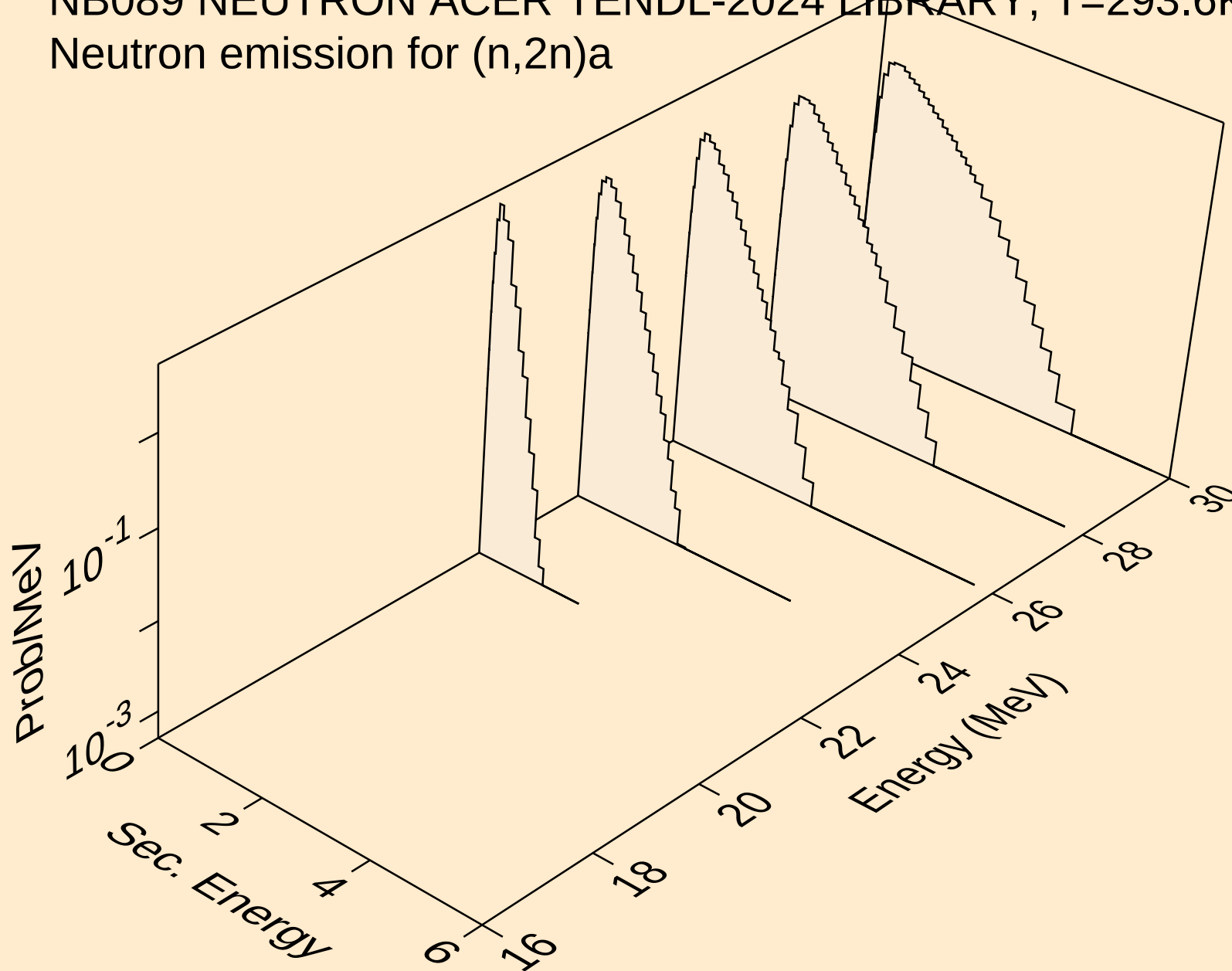
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



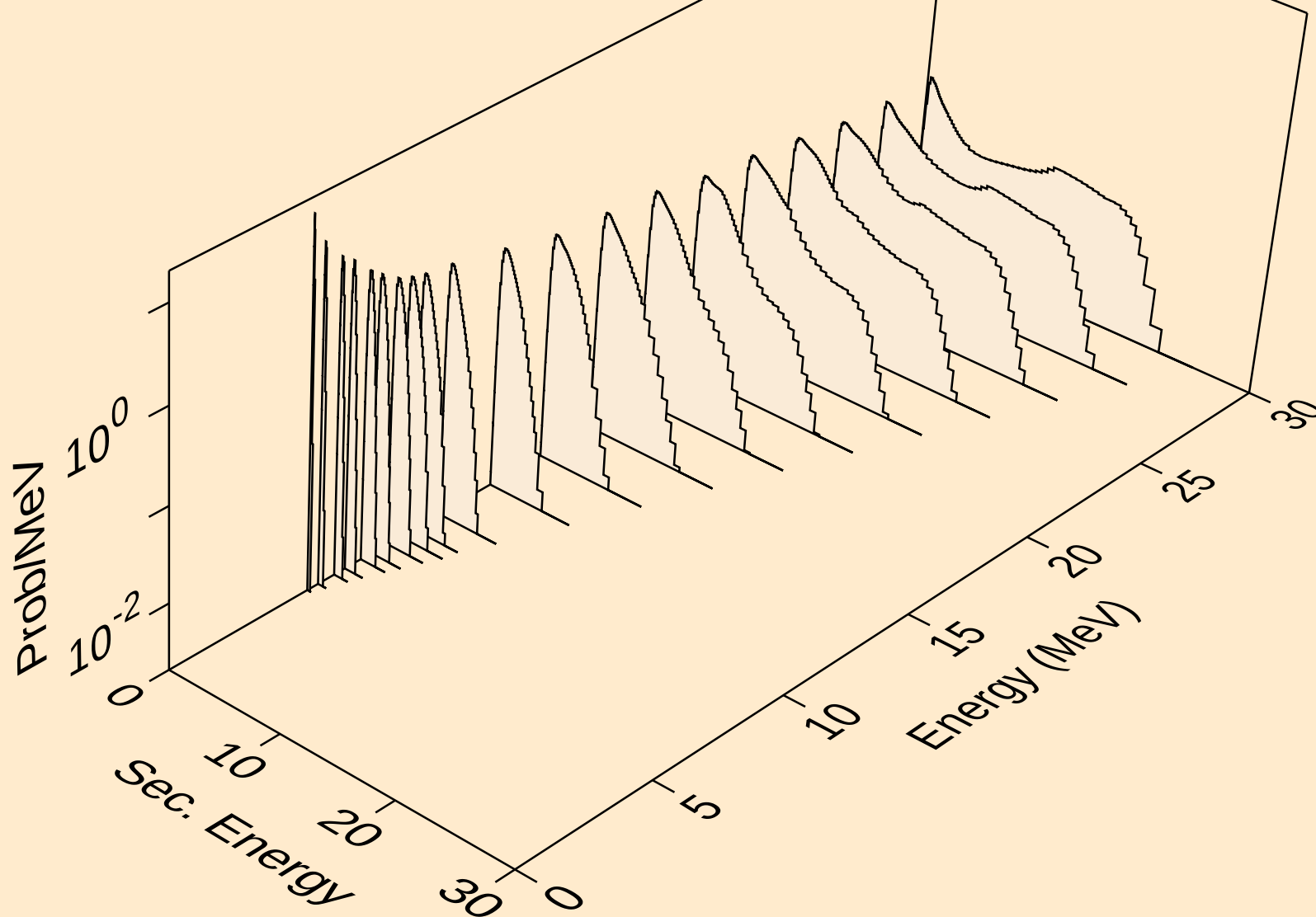
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



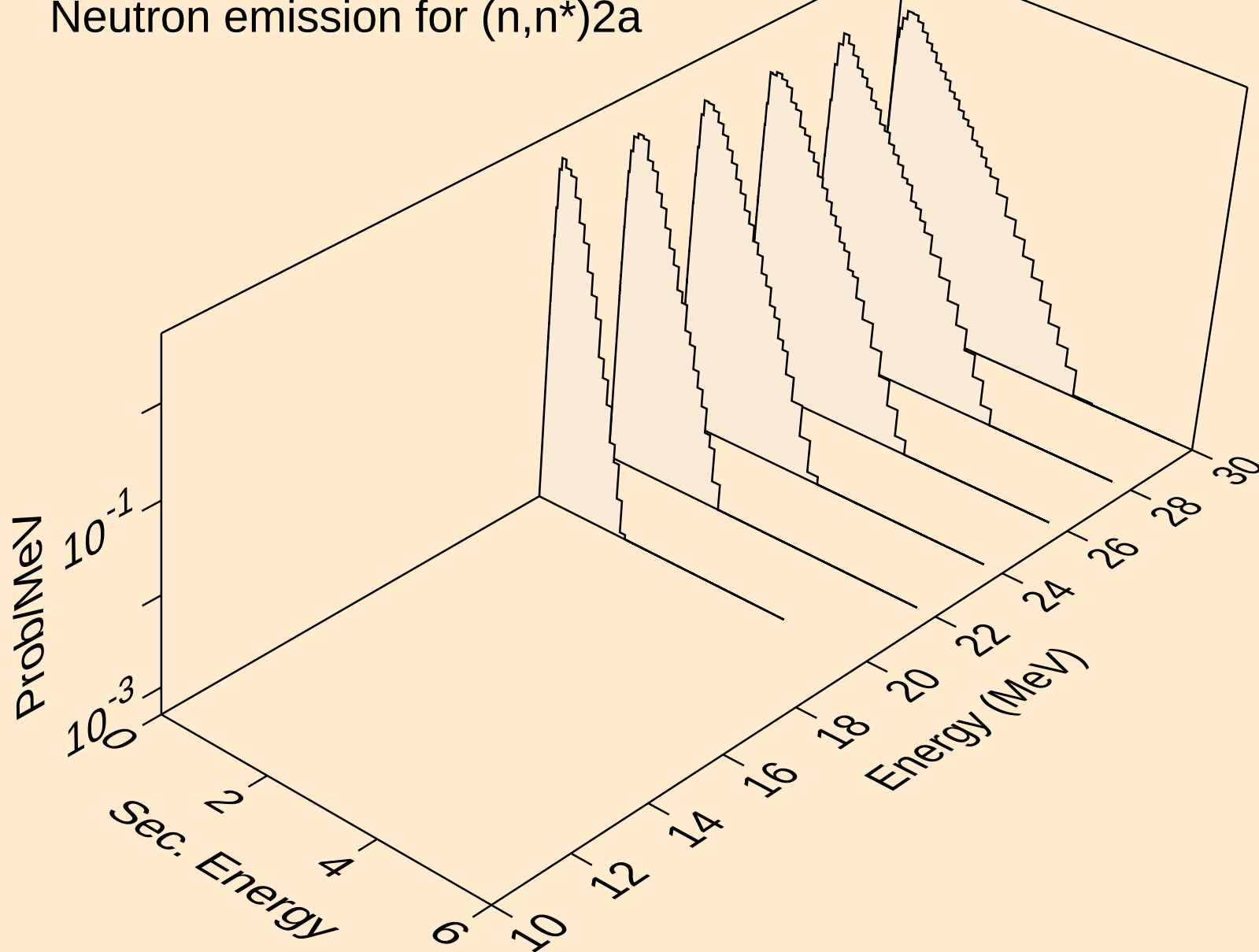
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



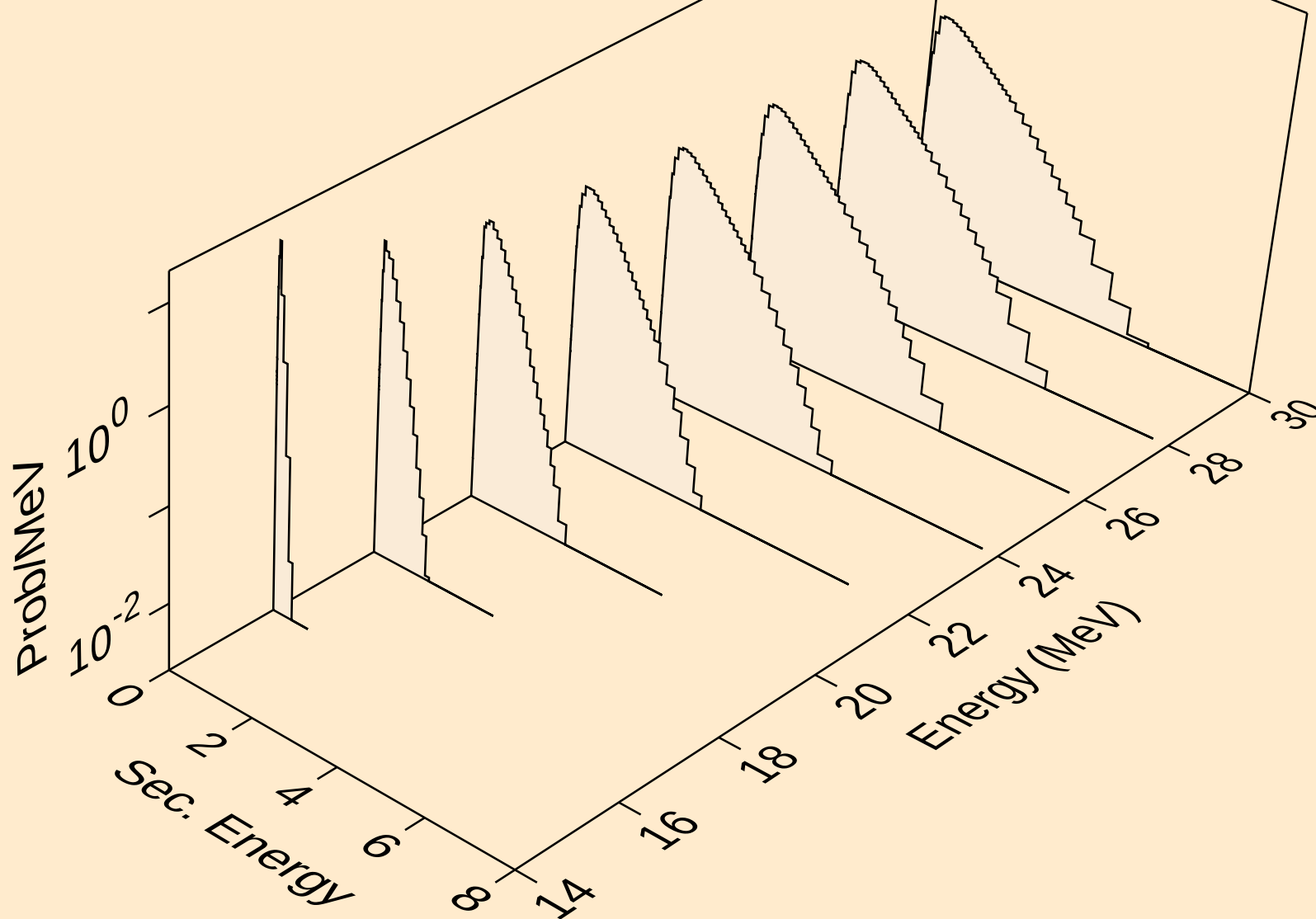
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



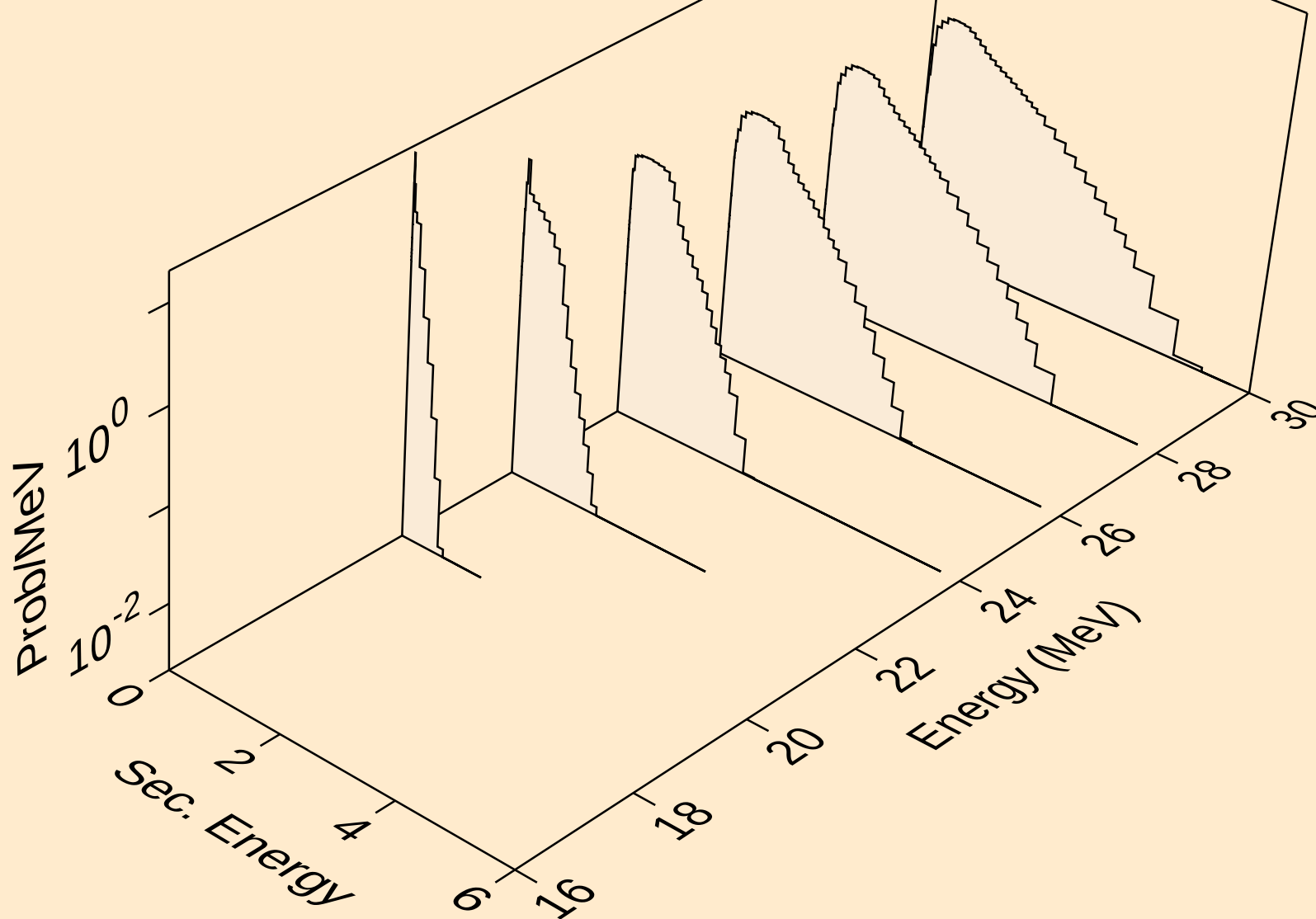
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



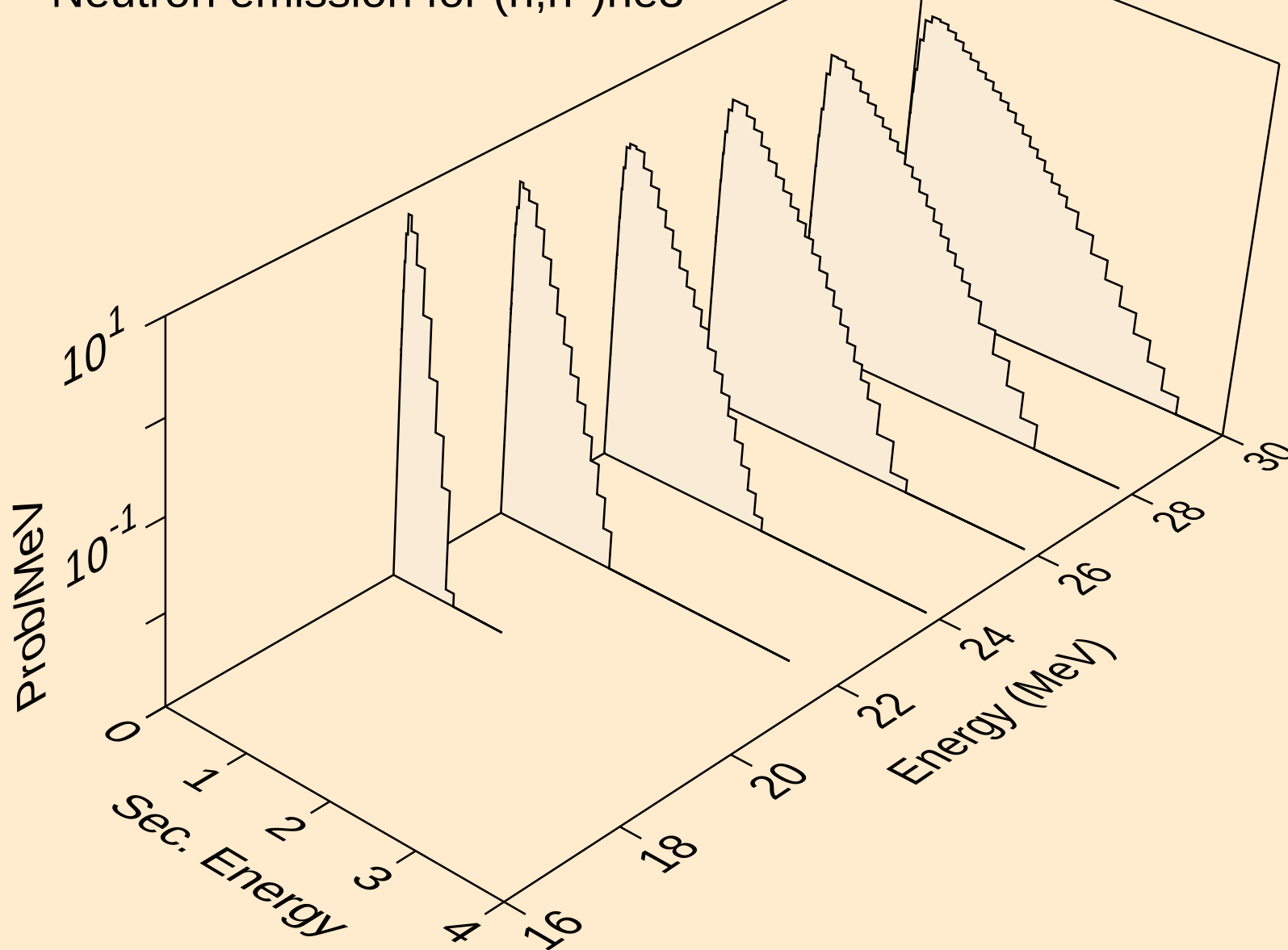
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



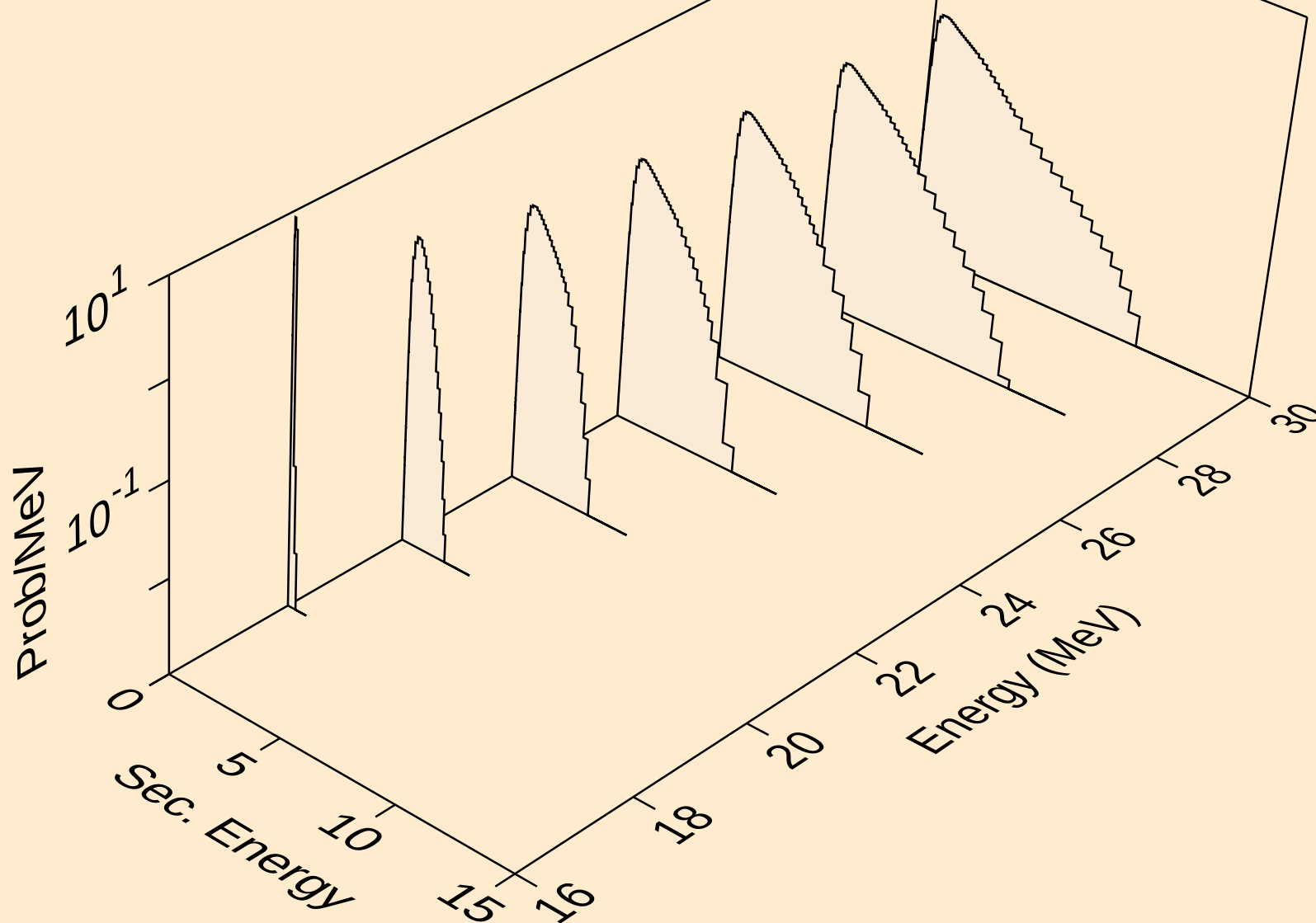
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



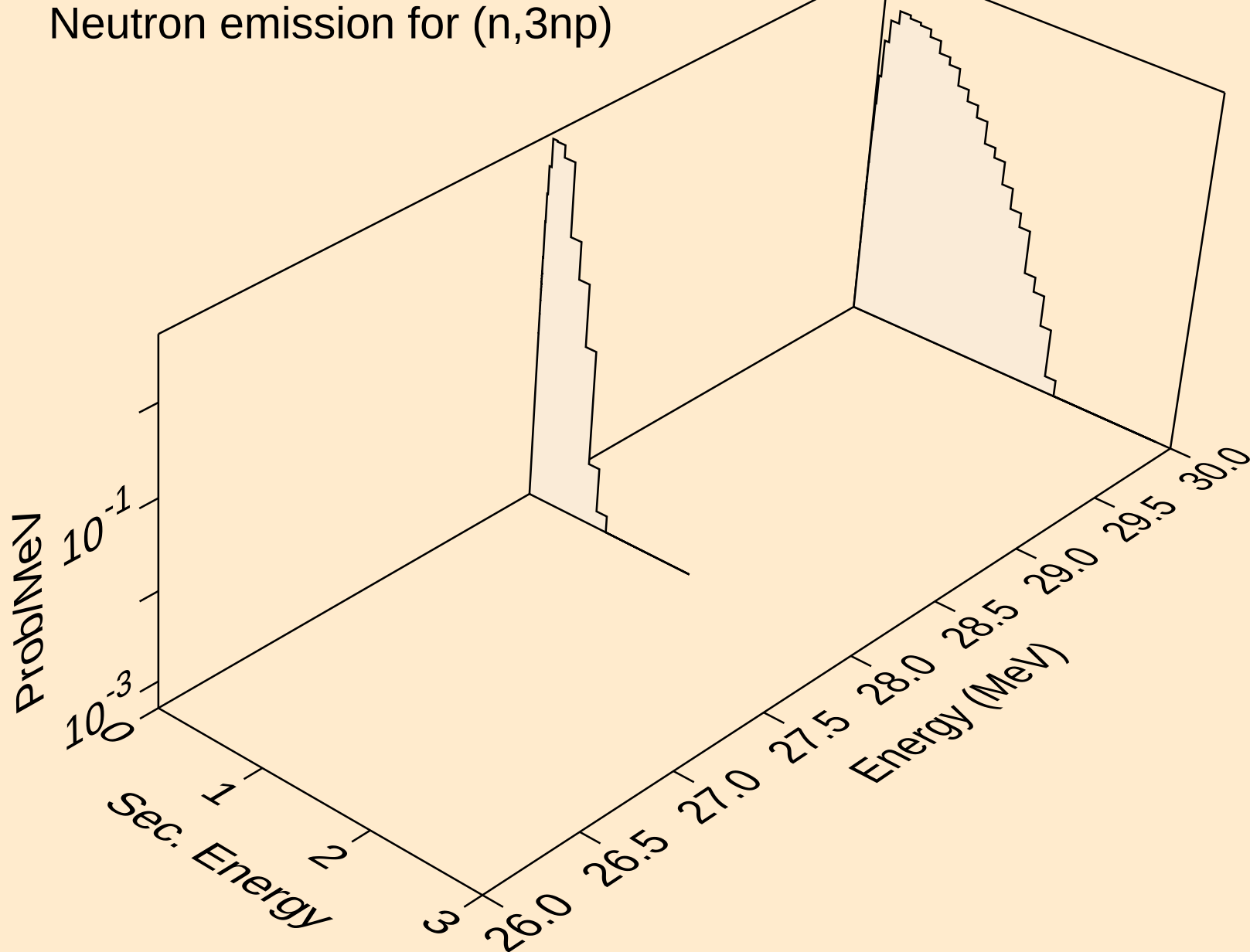
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



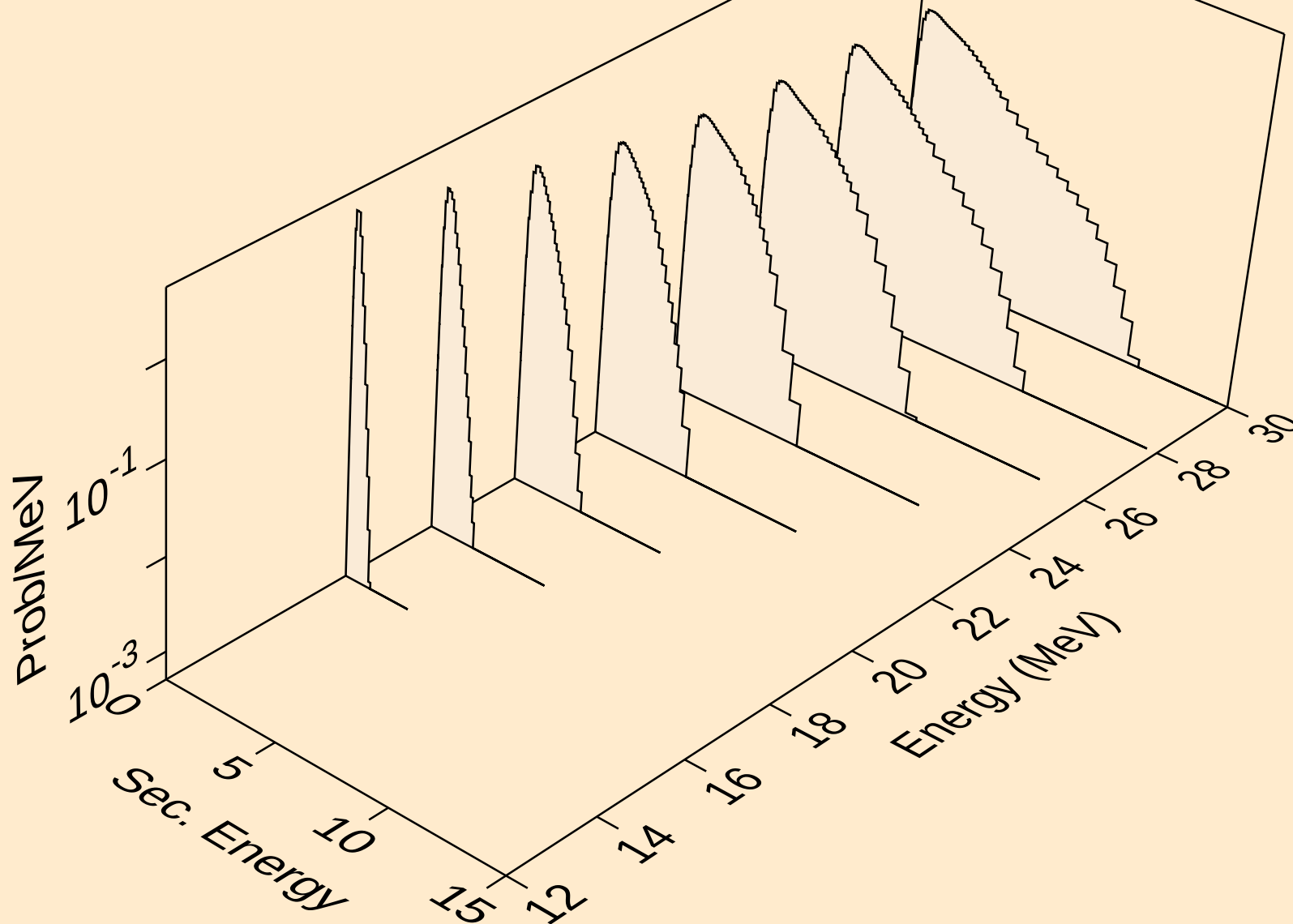
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Neutron emission for (n,2np)



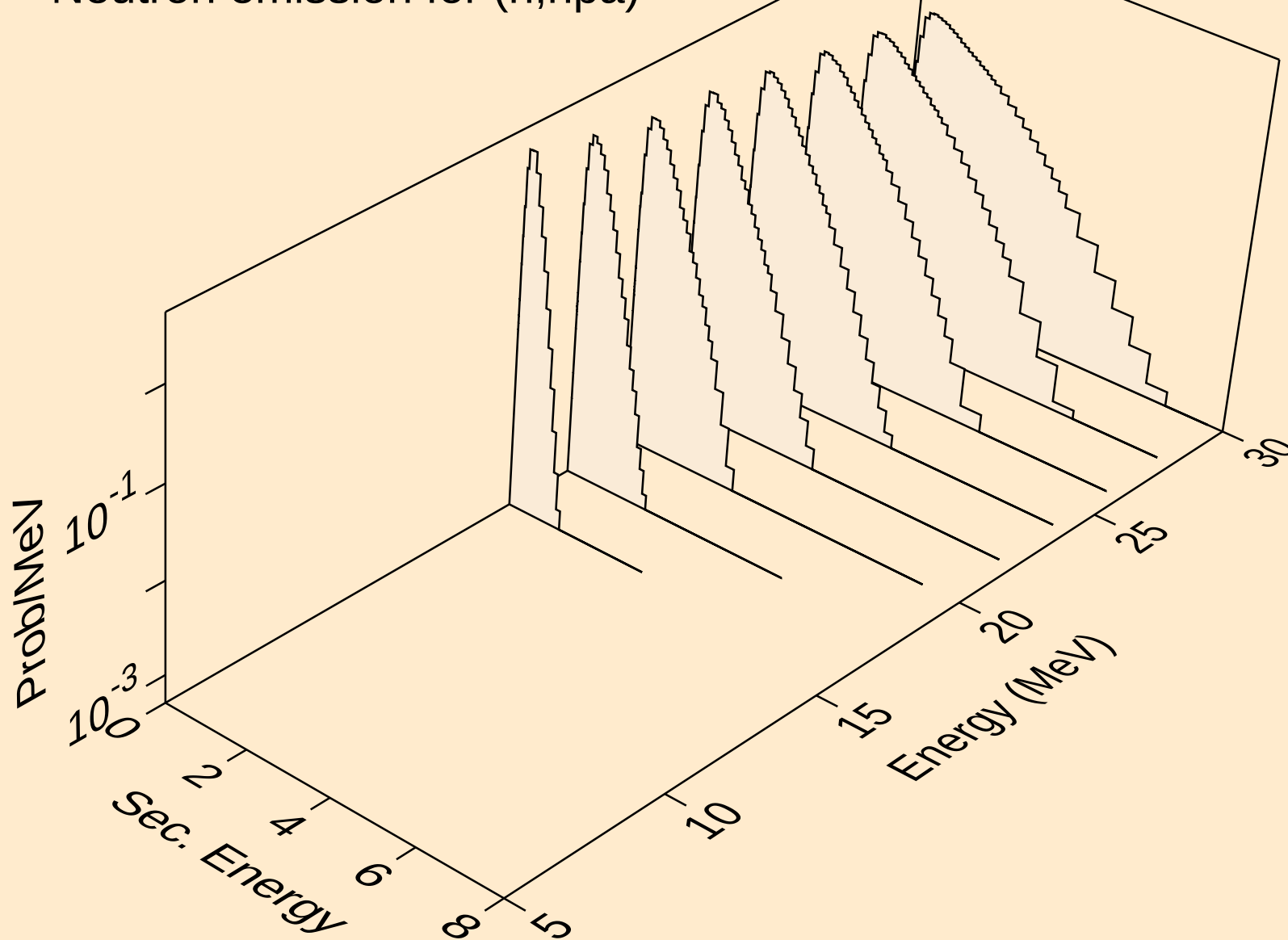
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Neutron emission for (n,3np)



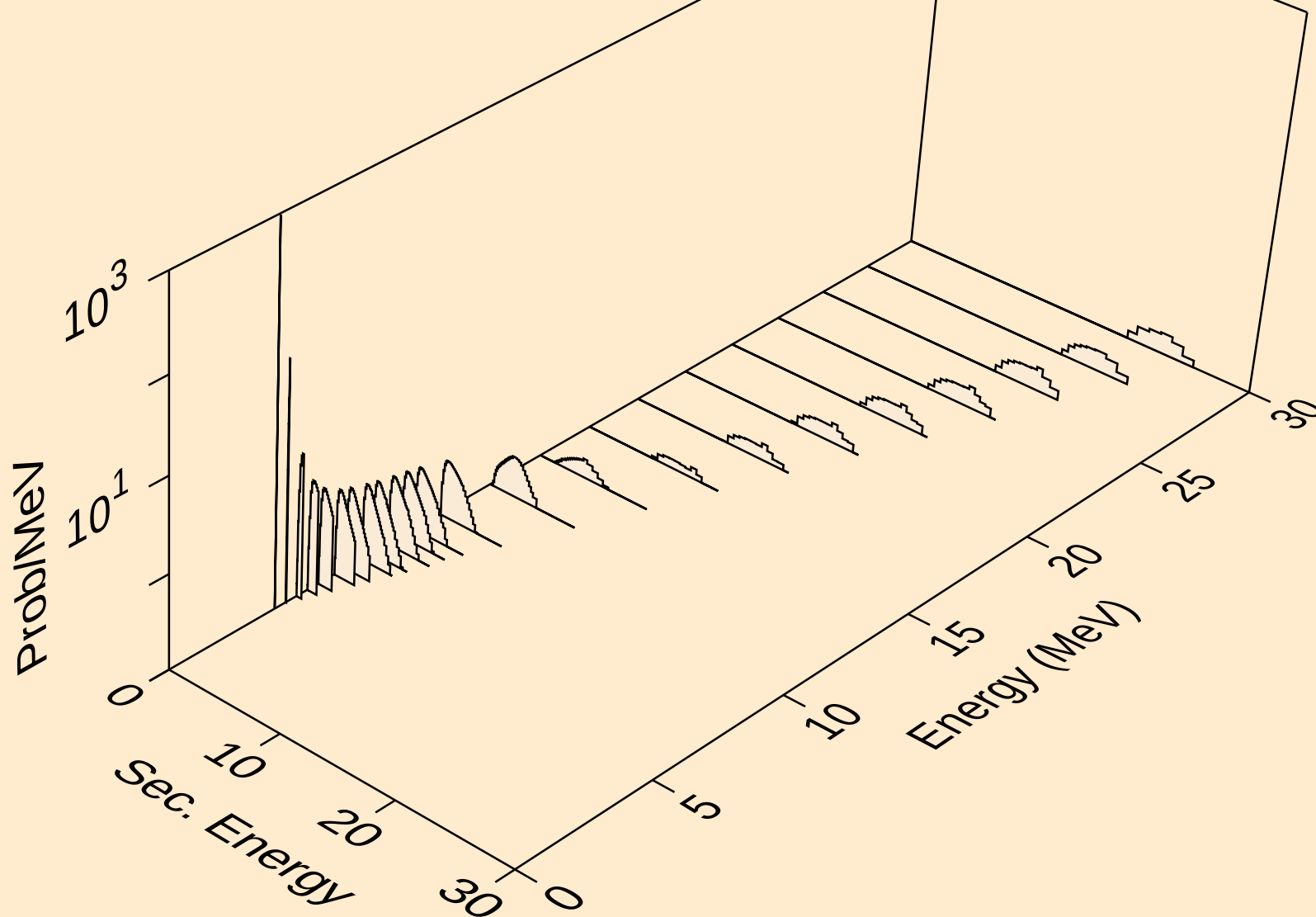
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Neutron emission for (n,n2p)



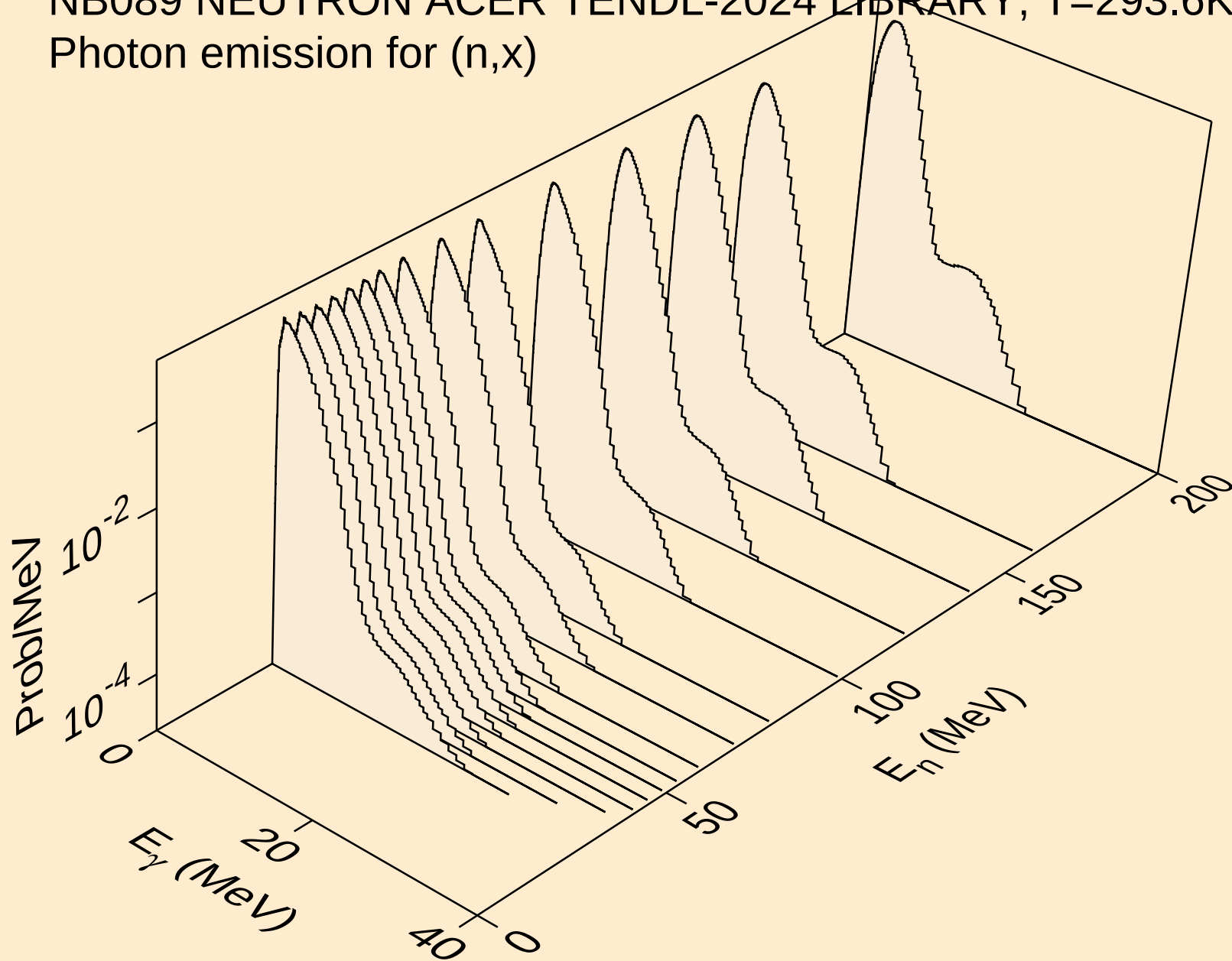
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



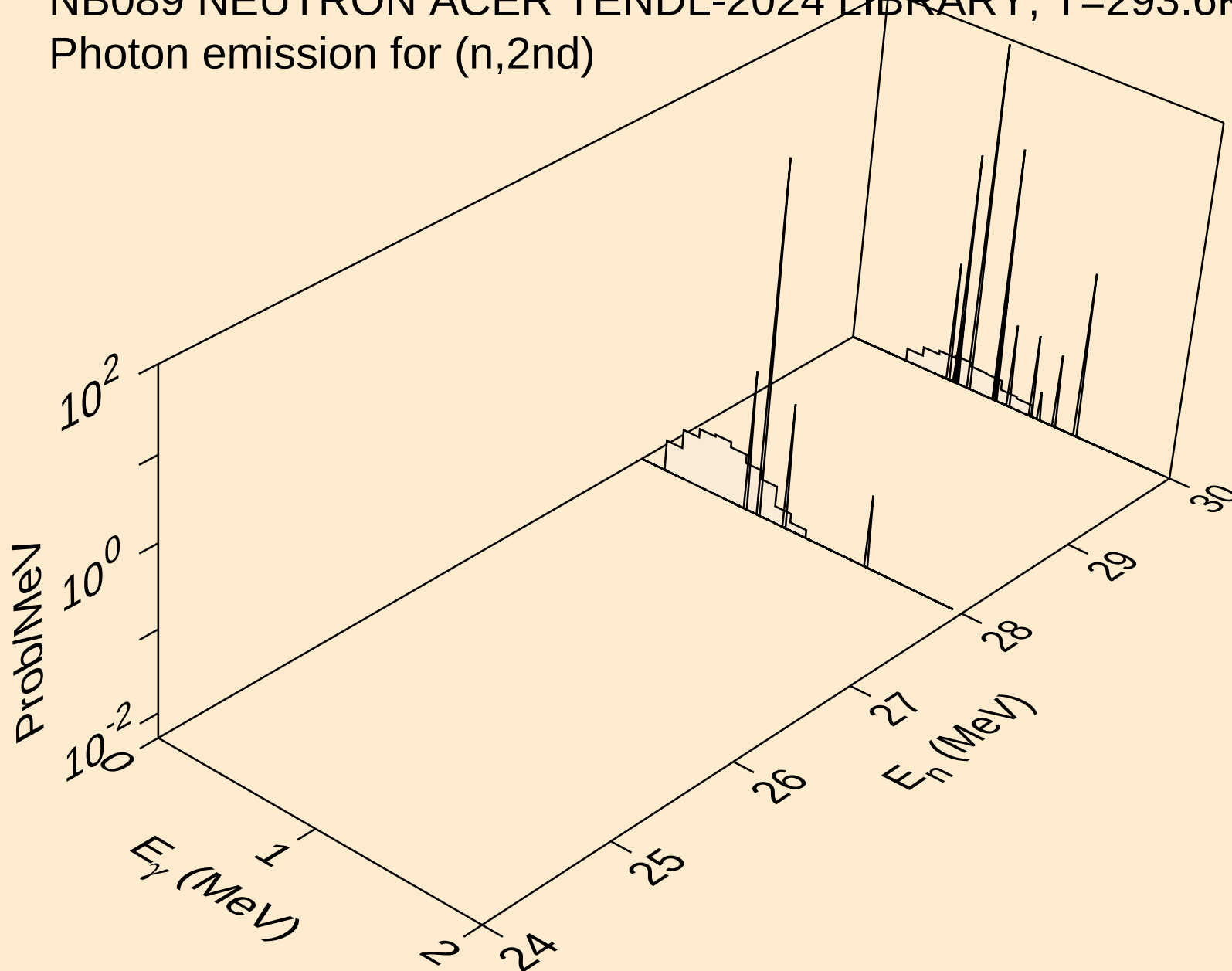
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



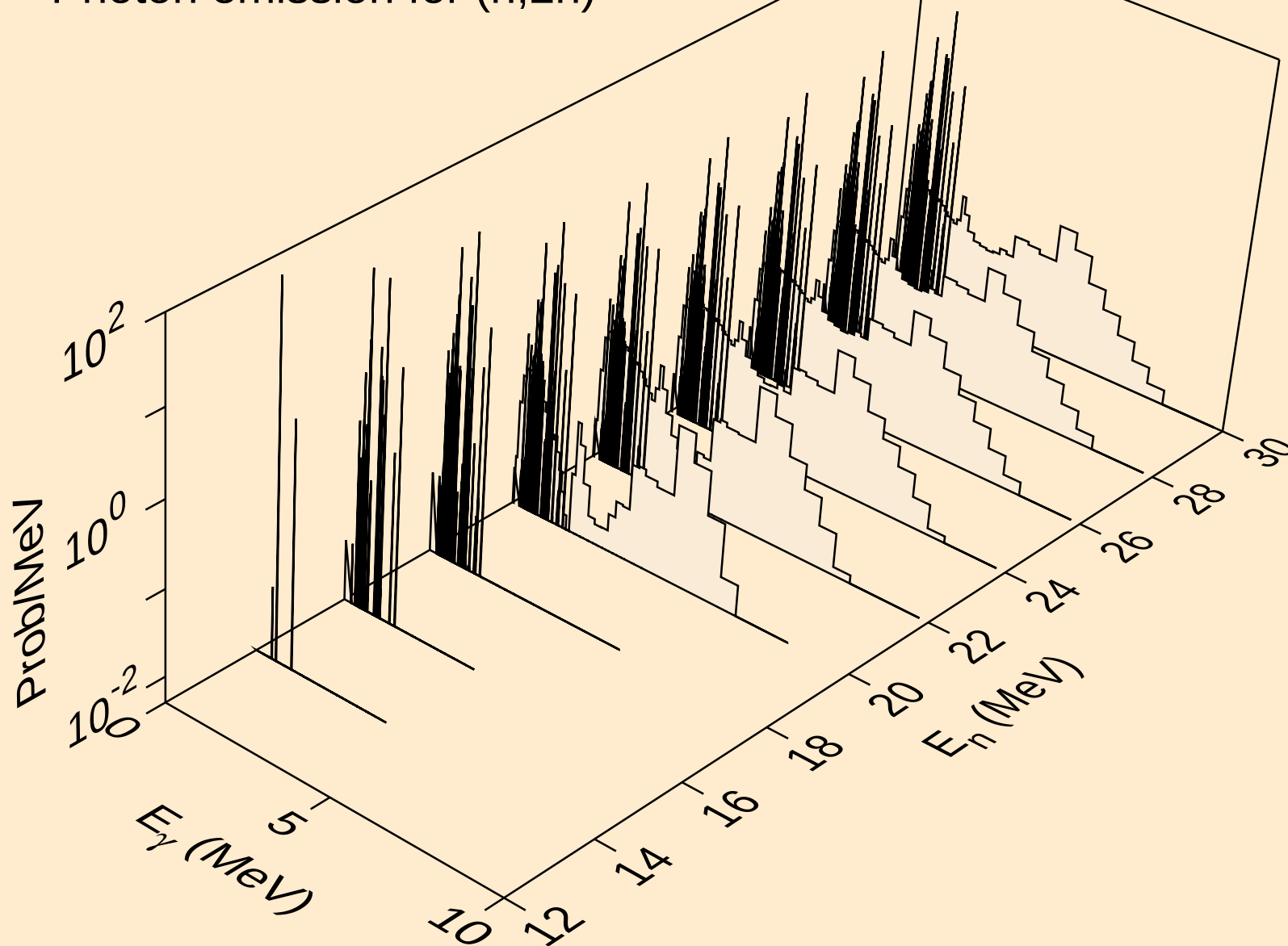
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



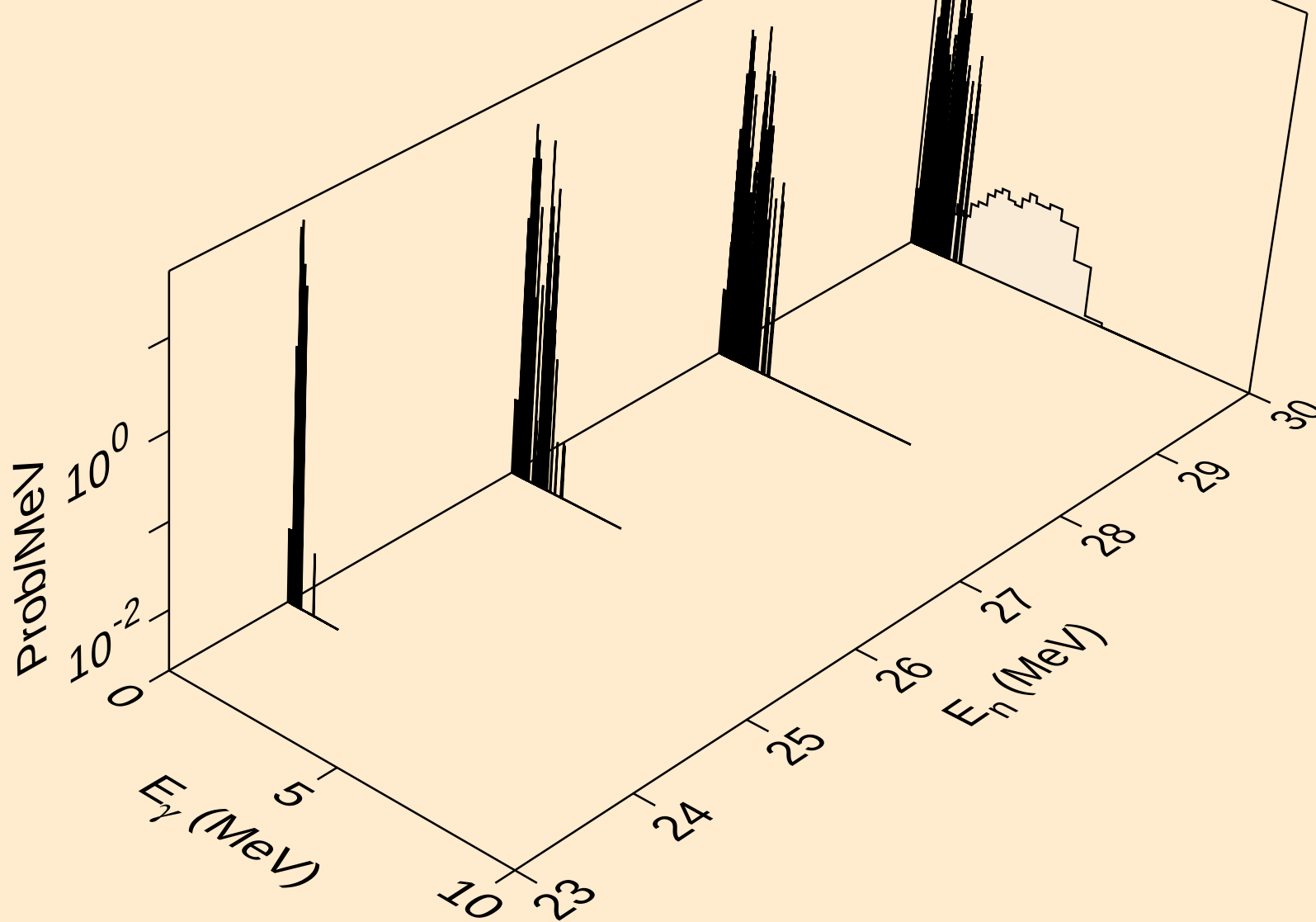
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



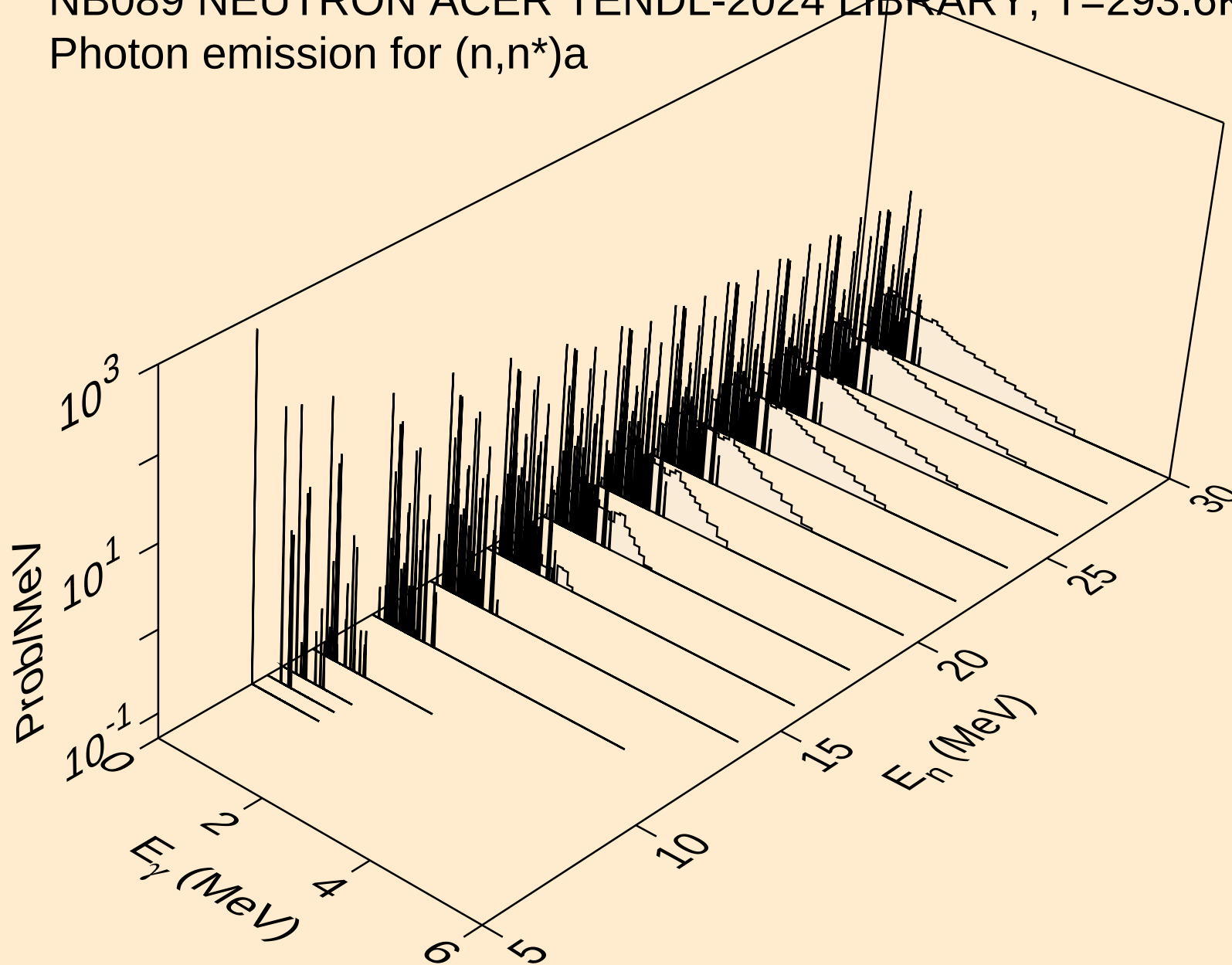
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



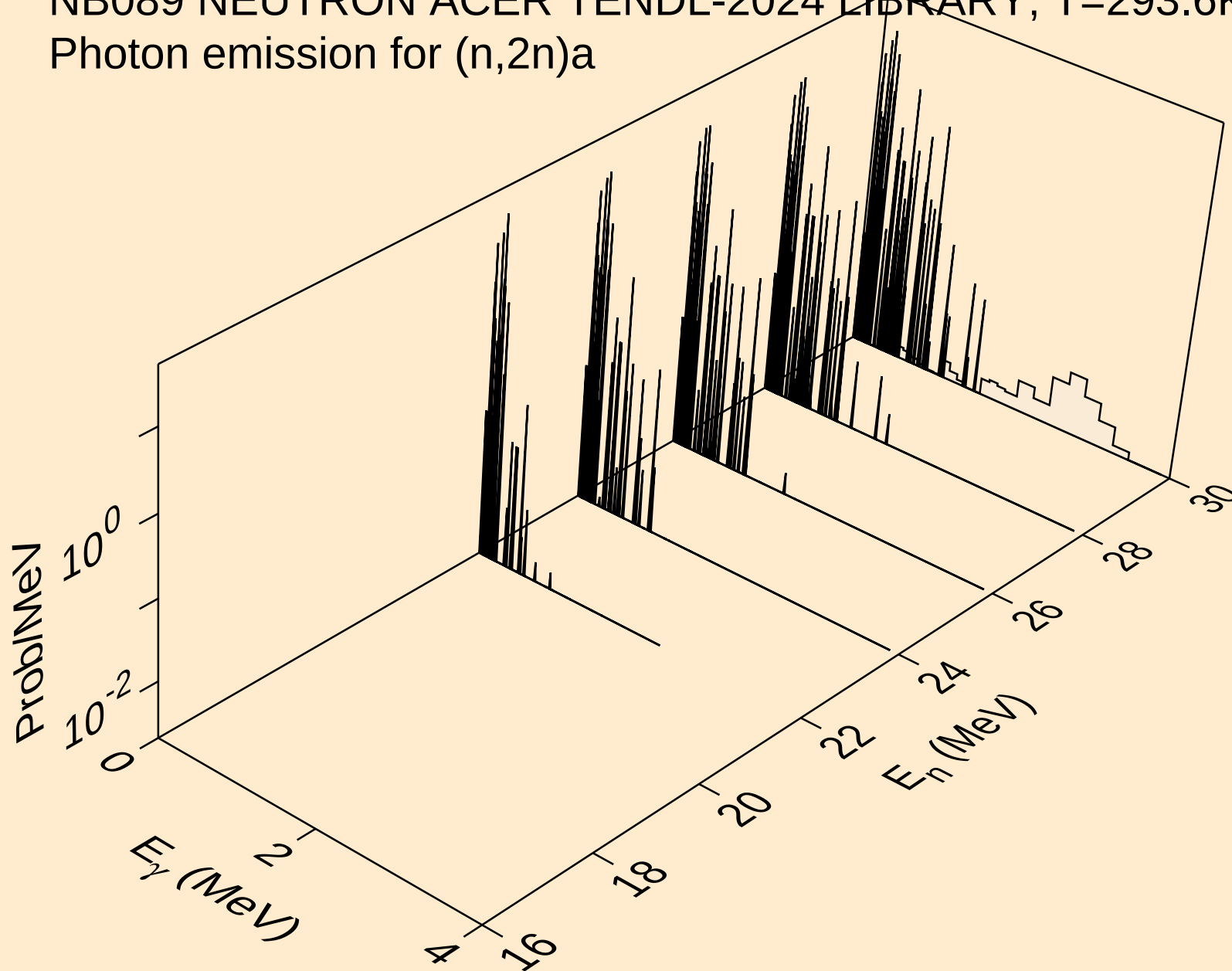
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



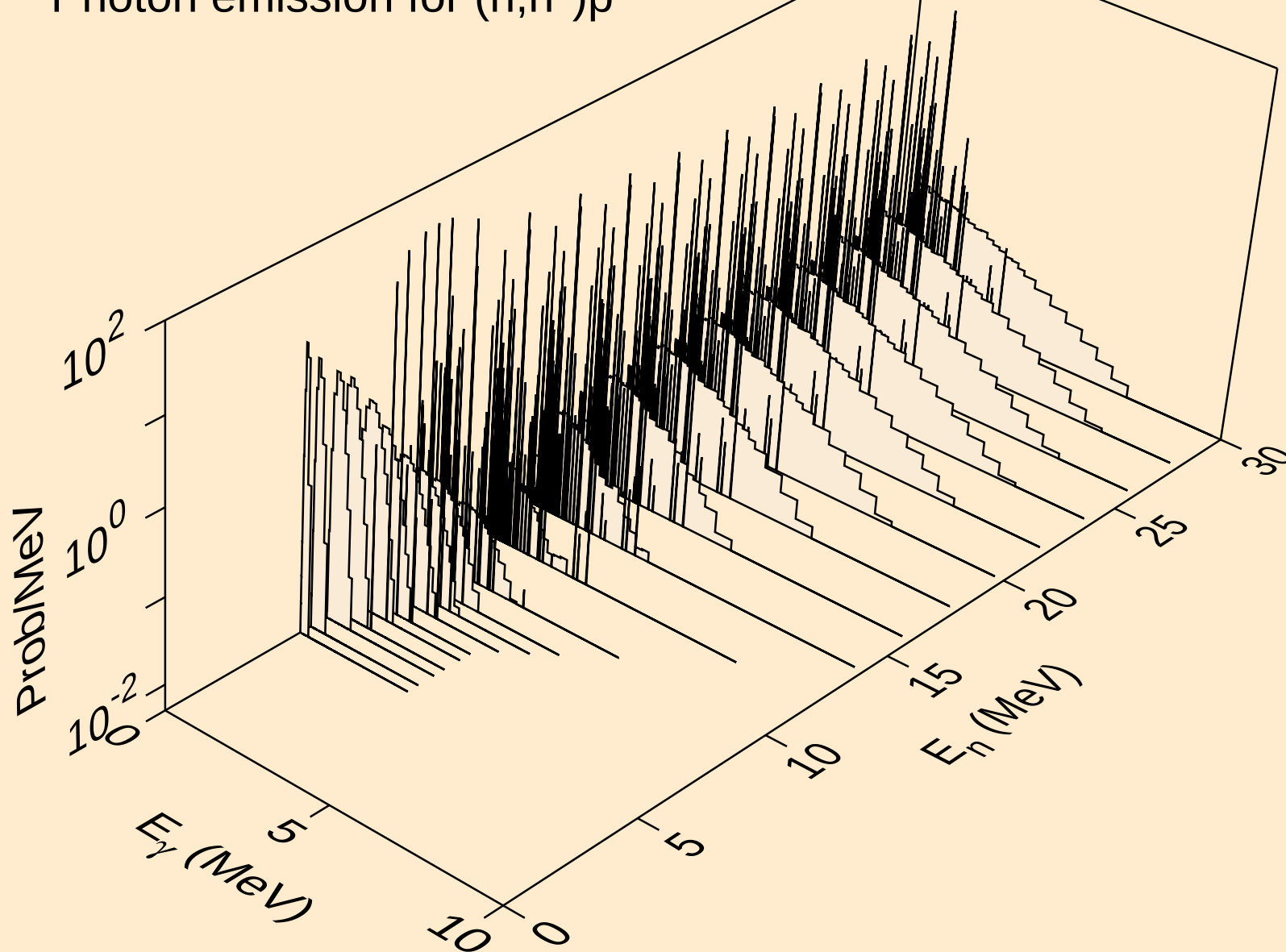
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



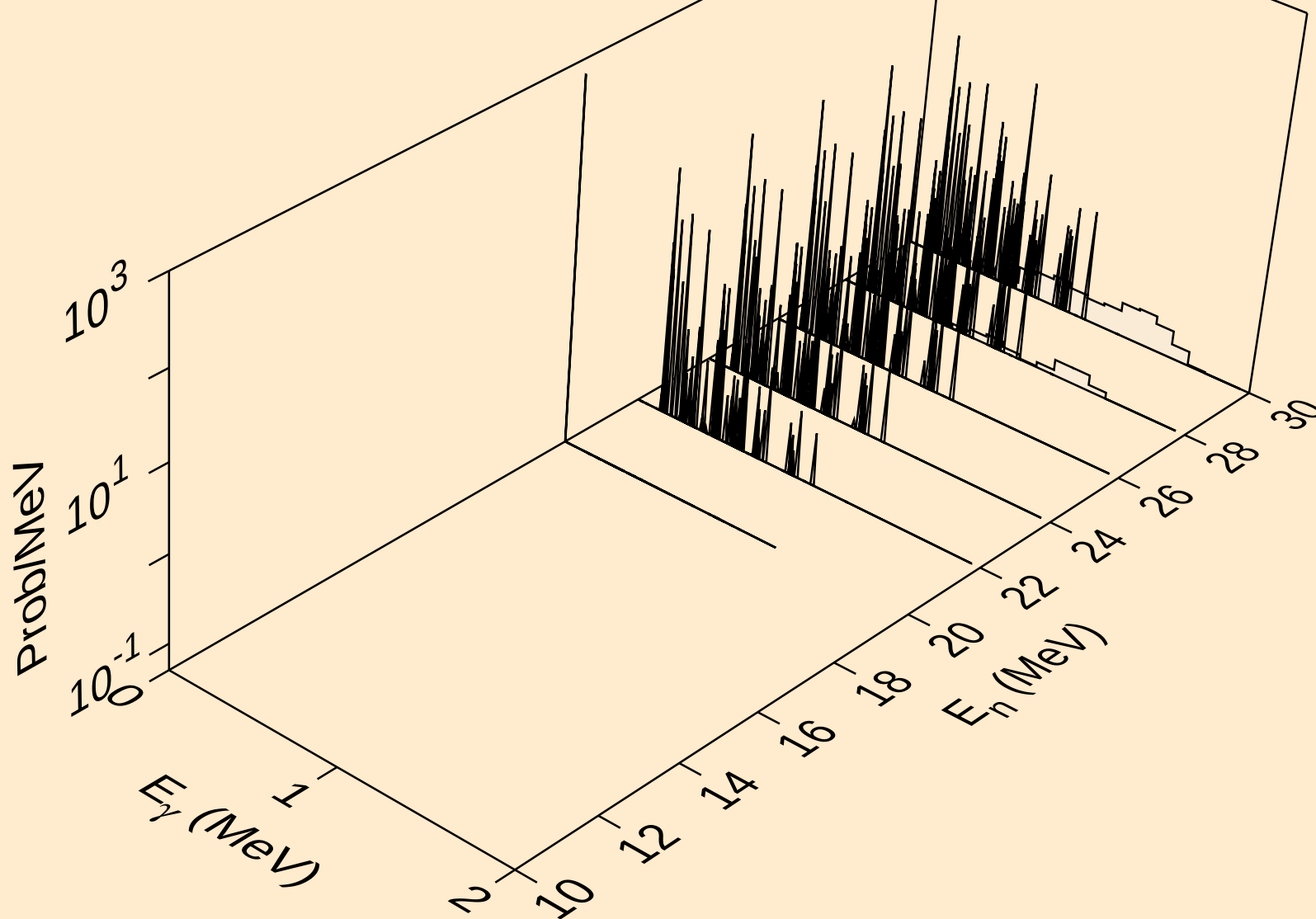
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



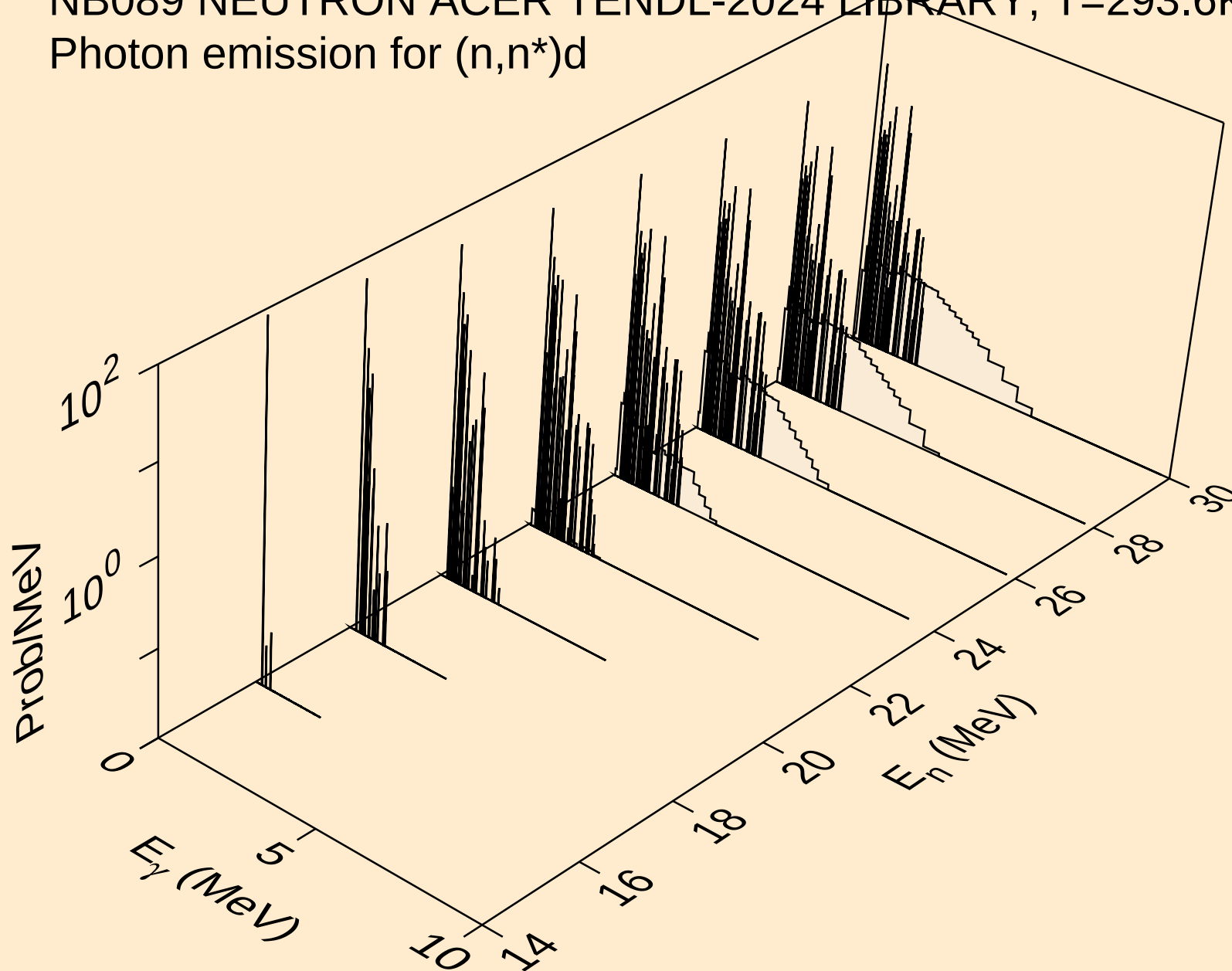
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



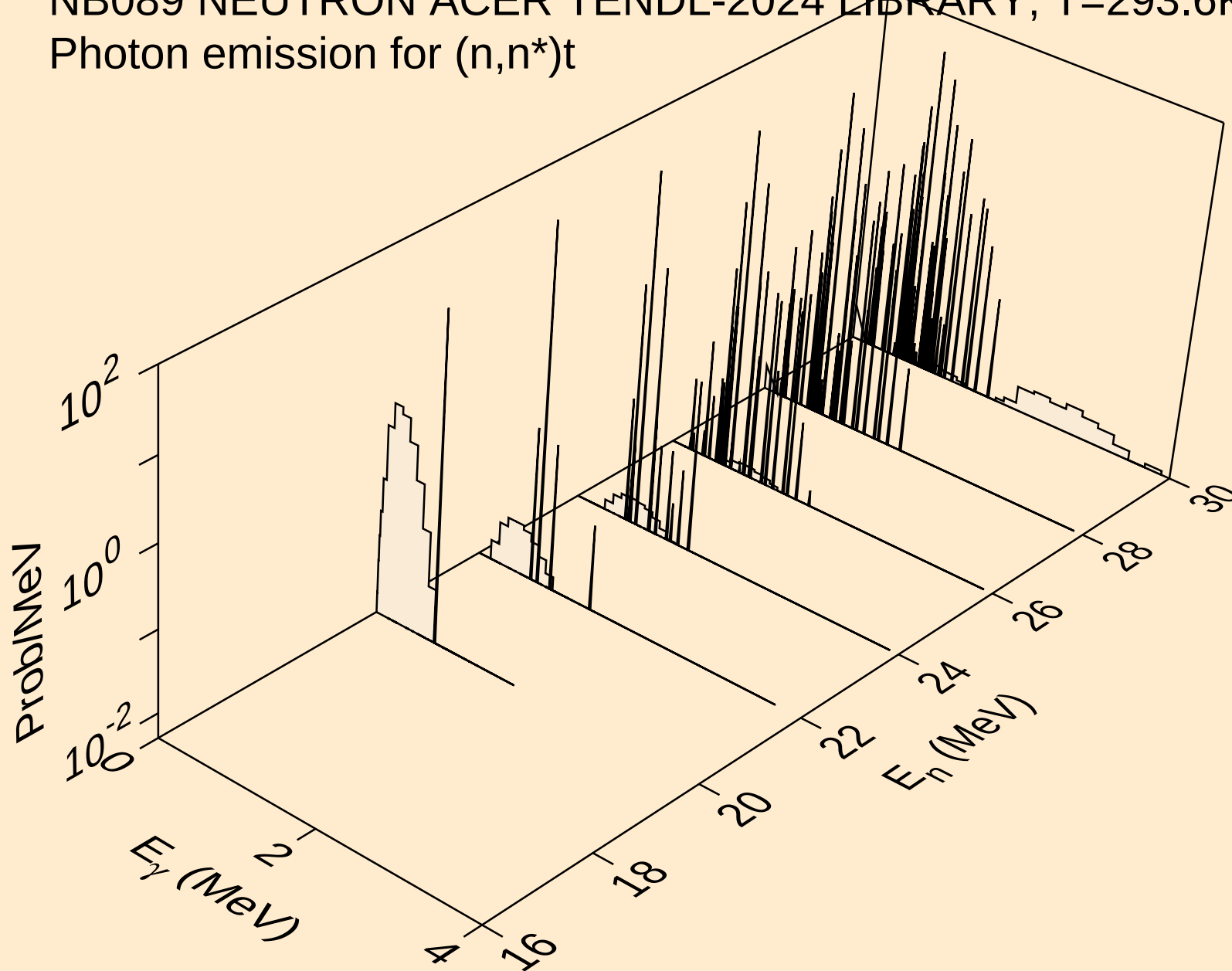
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



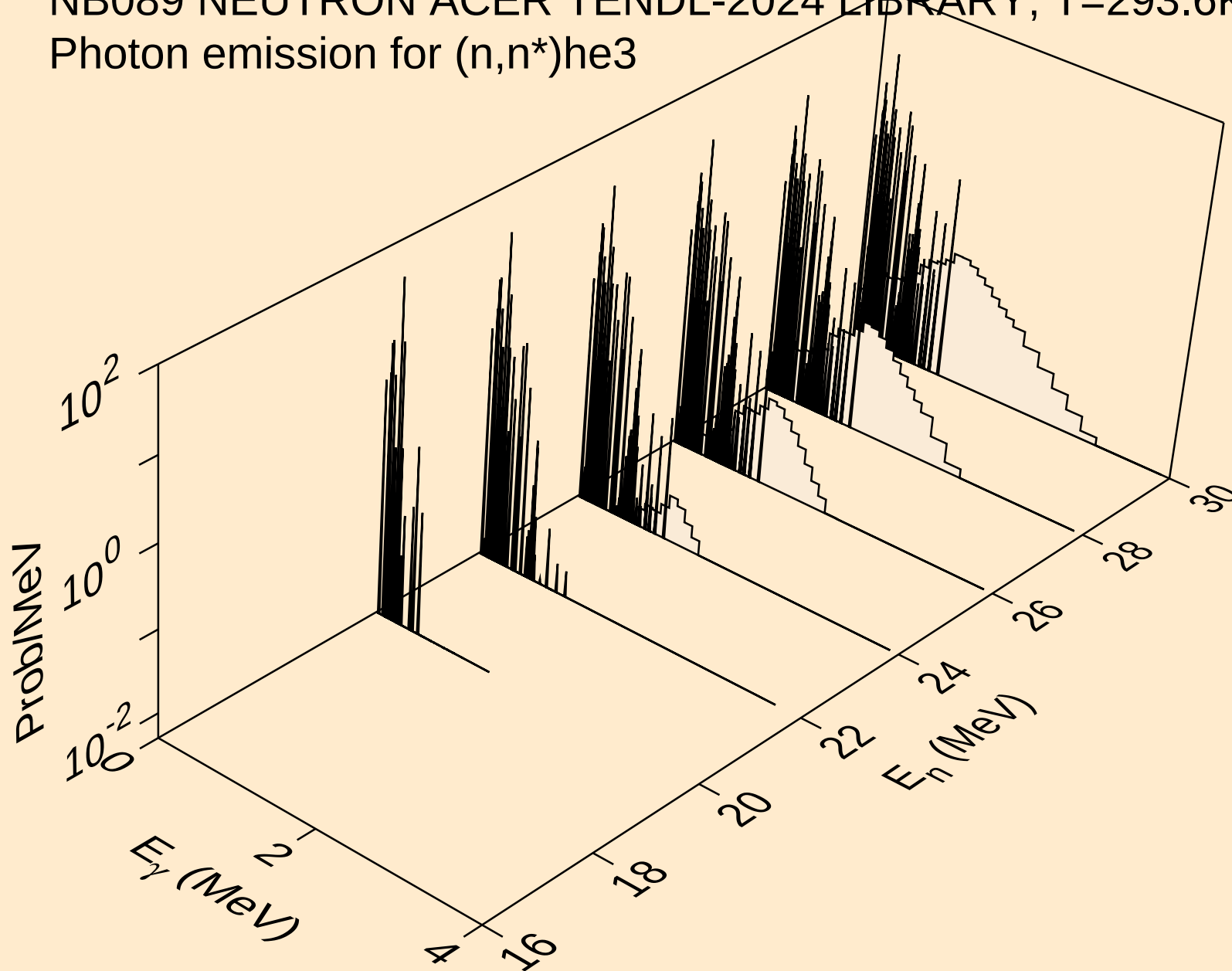
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



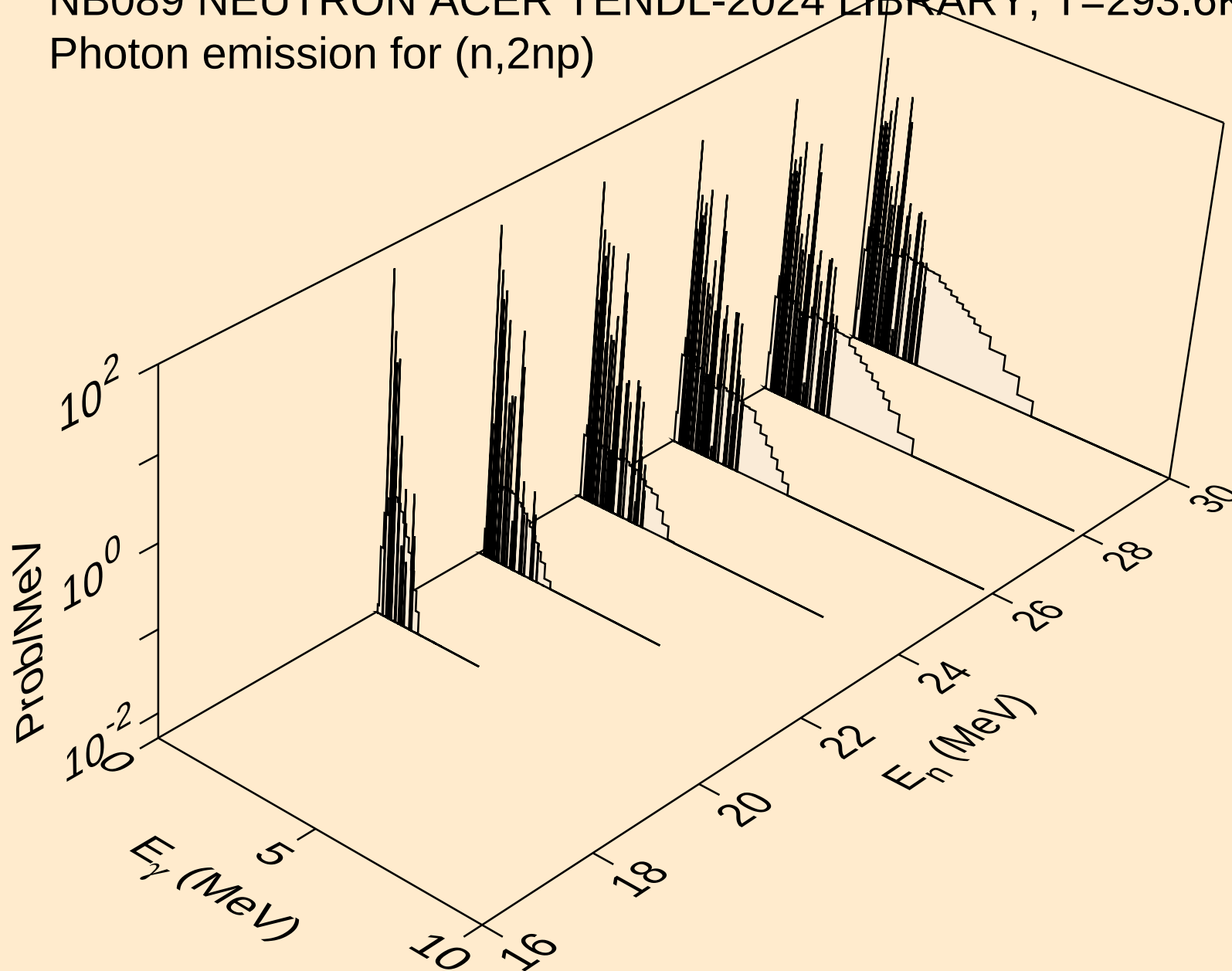
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



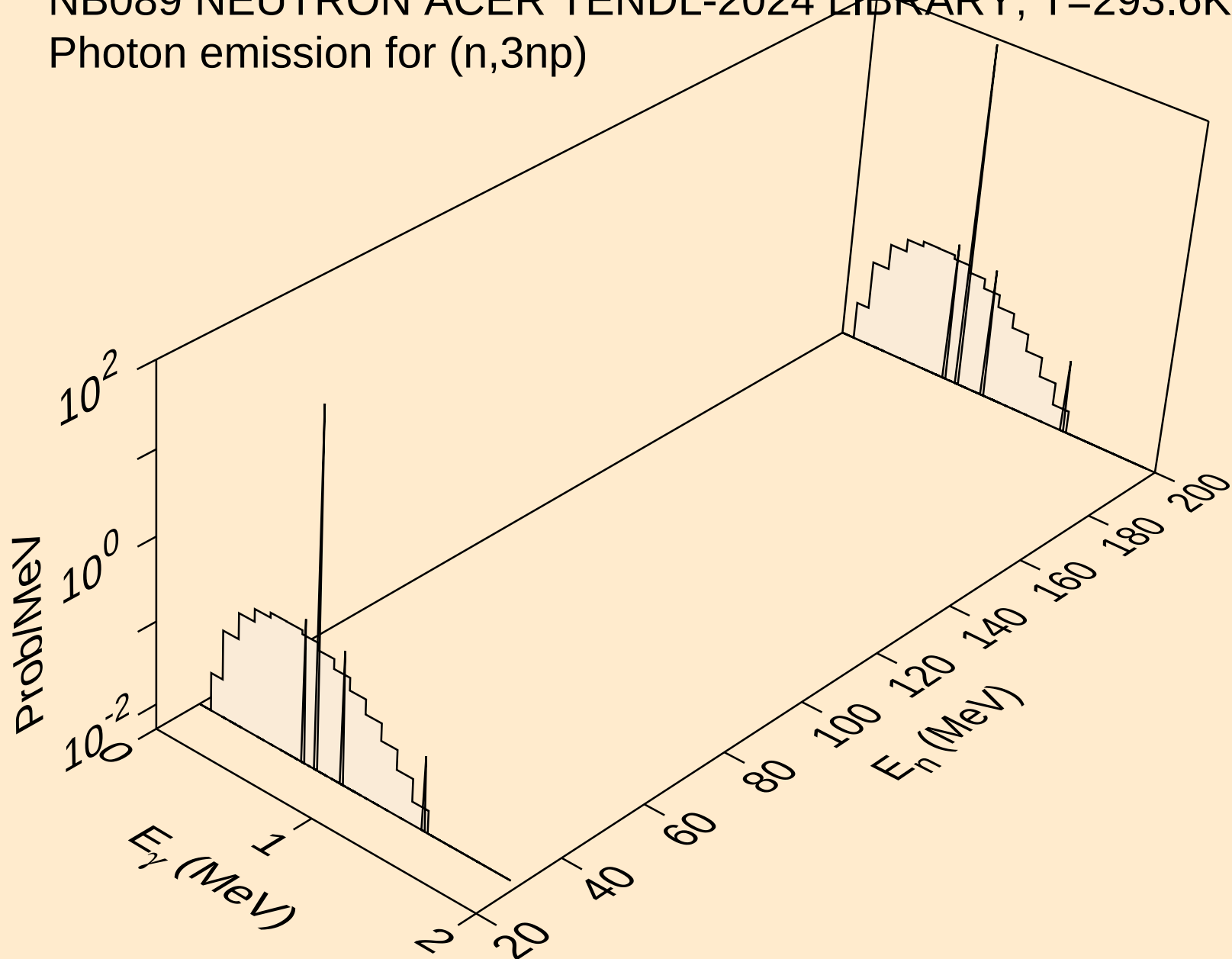
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



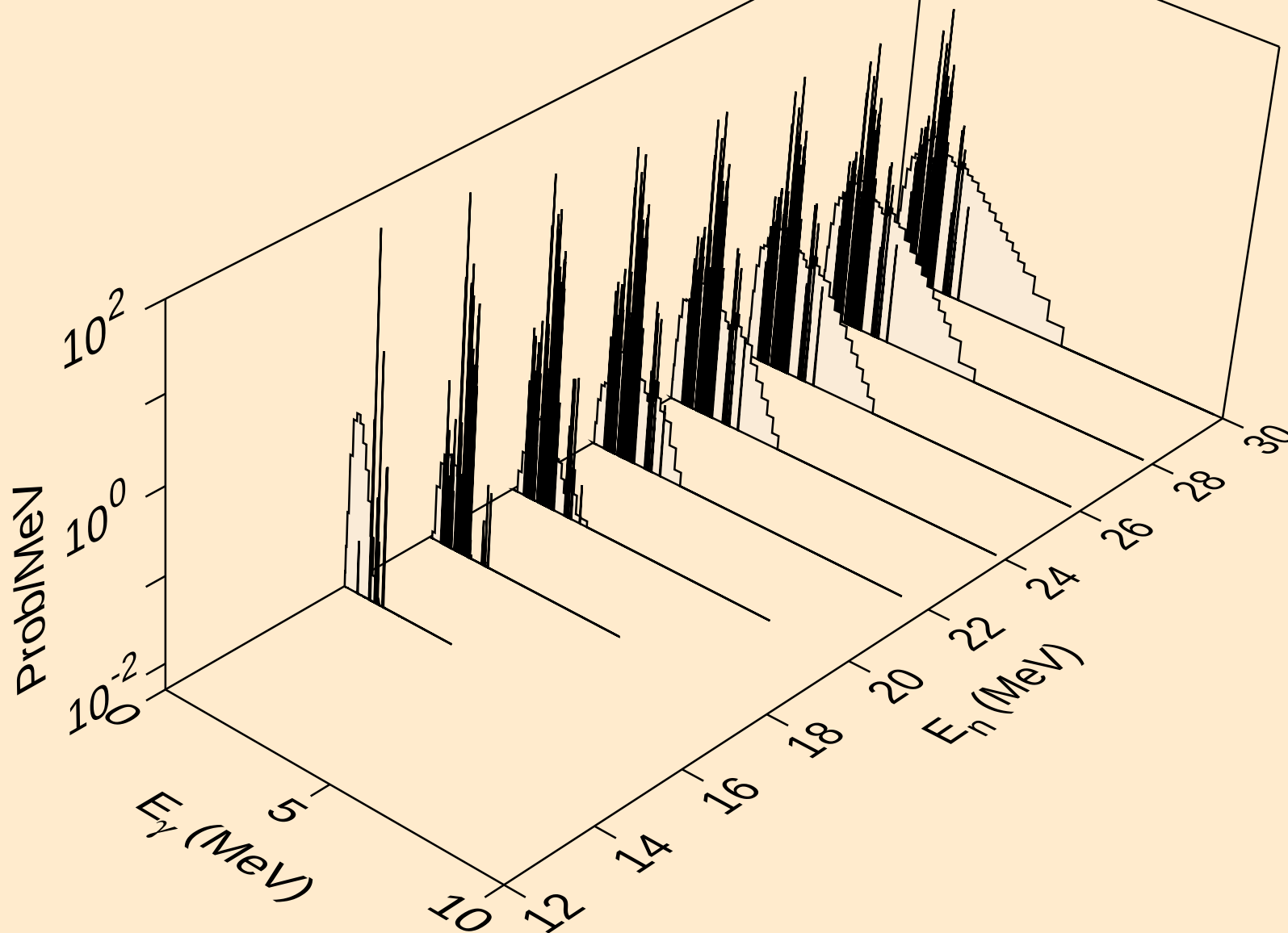
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



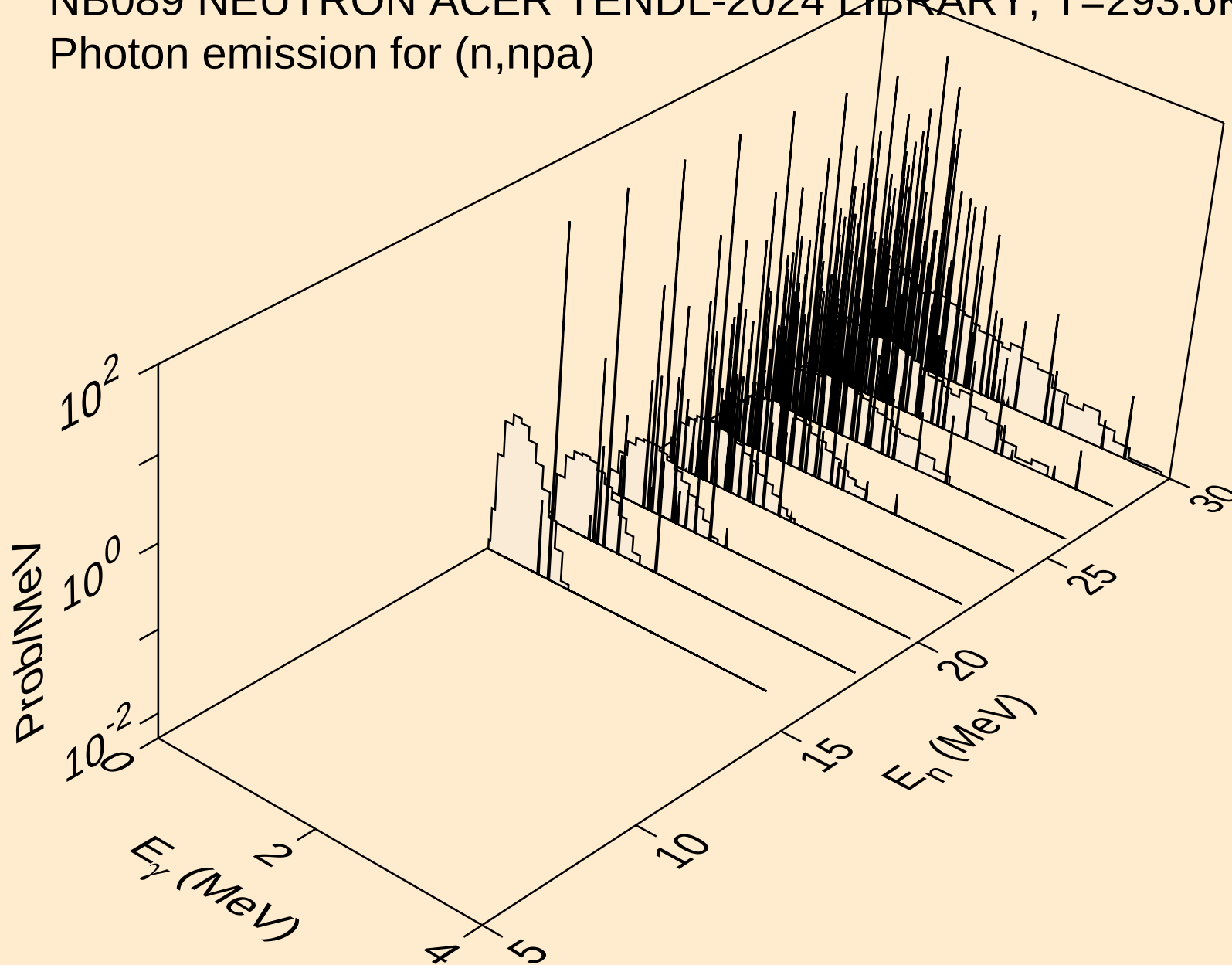
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



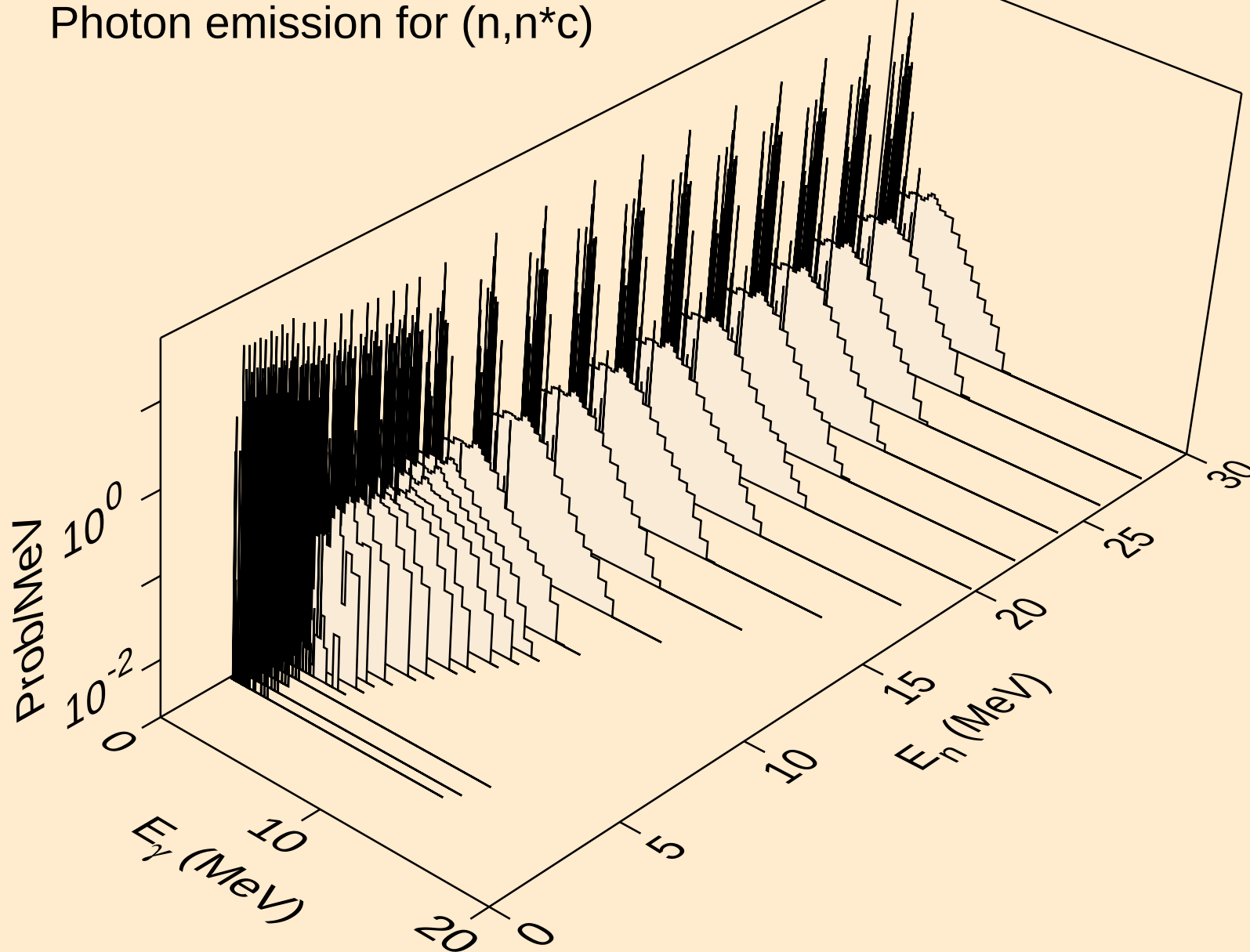
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



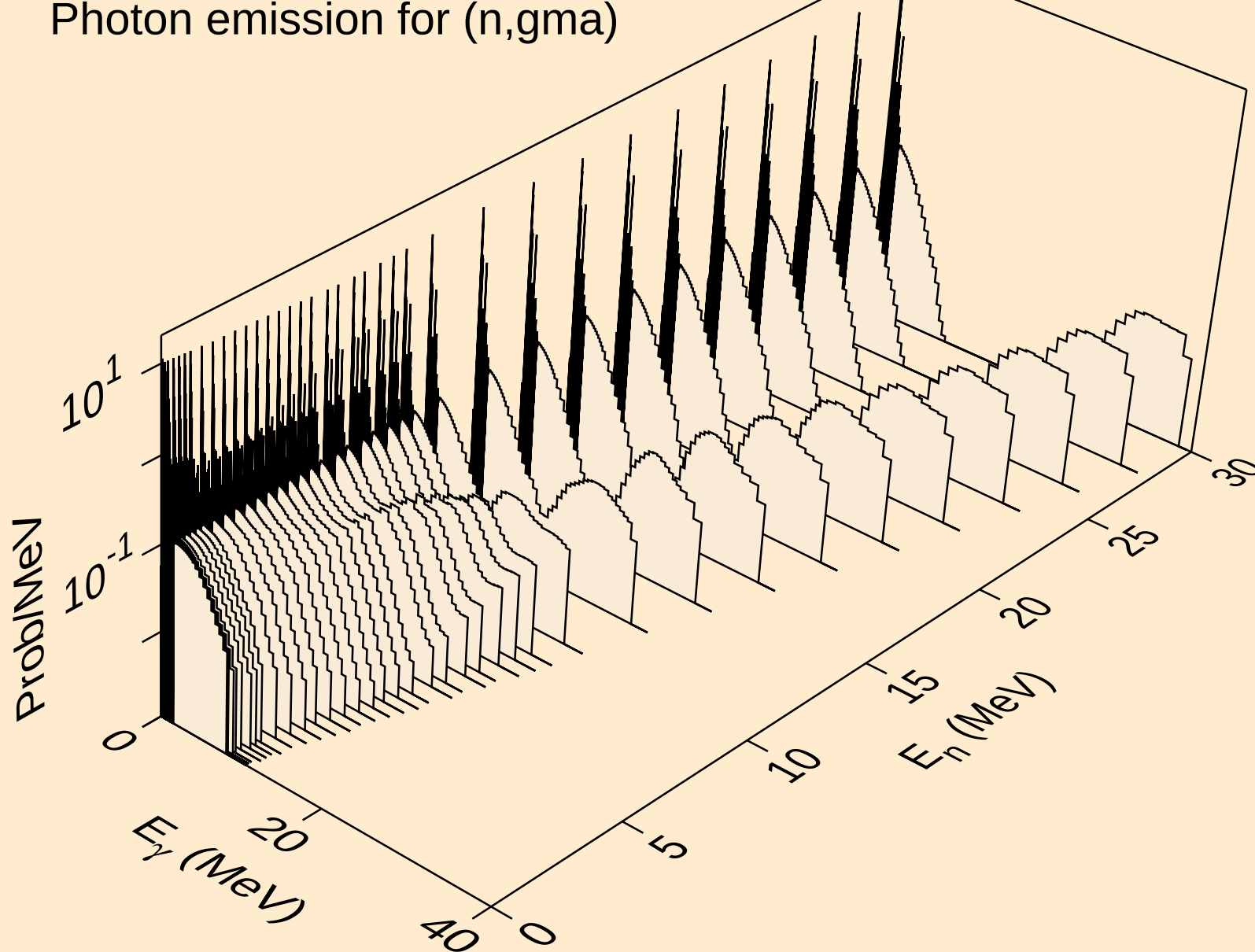
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



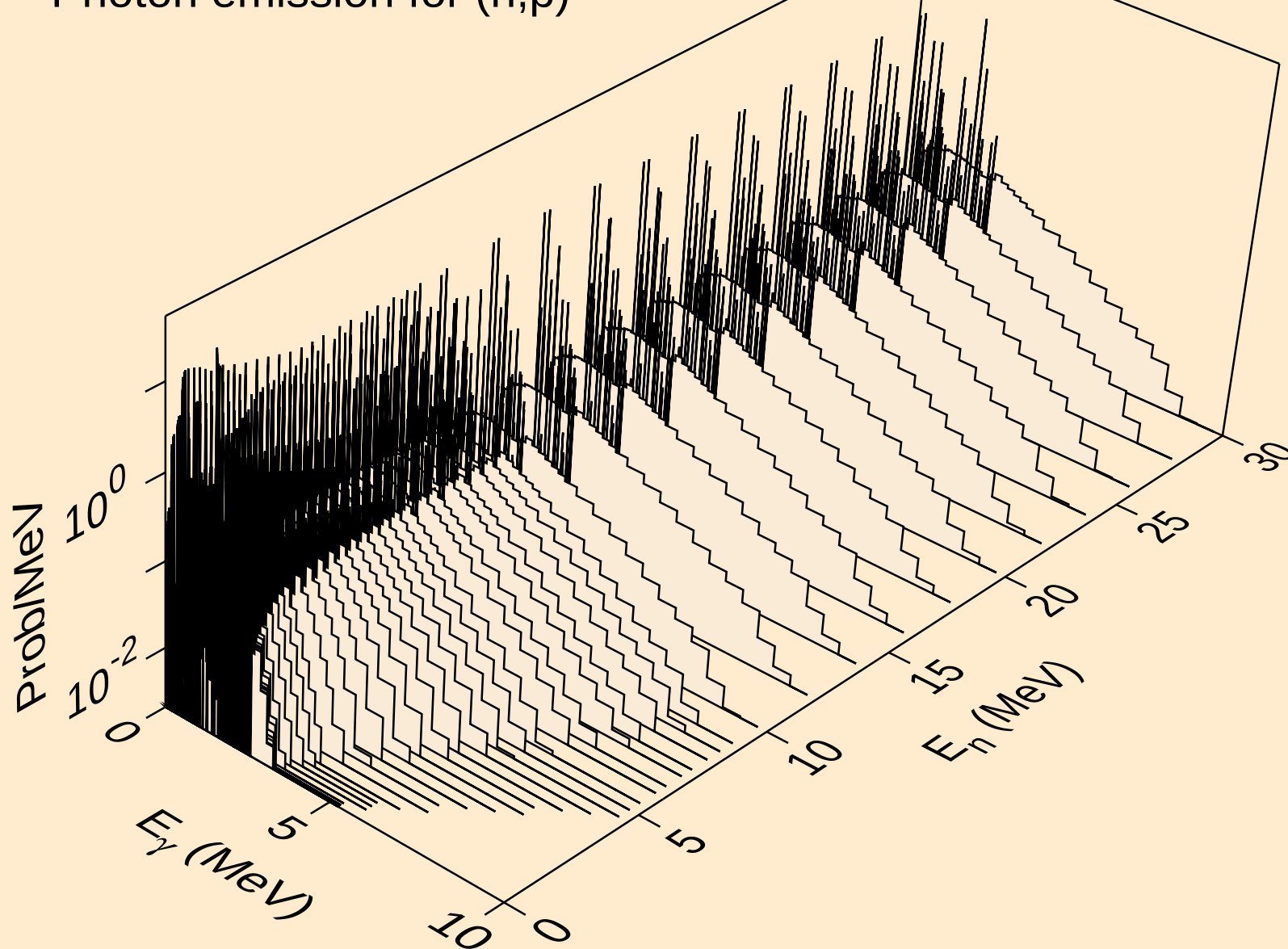
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



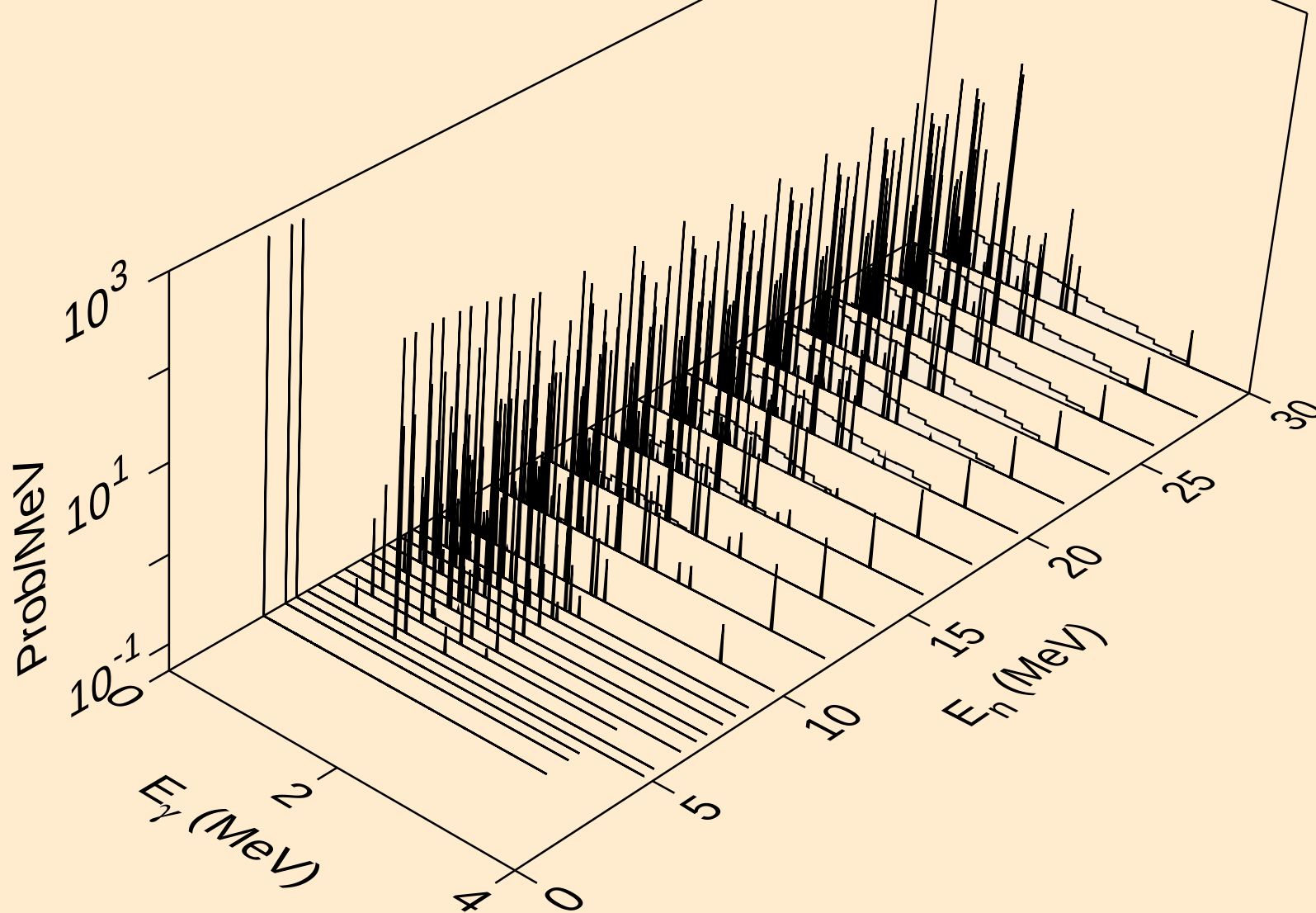
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



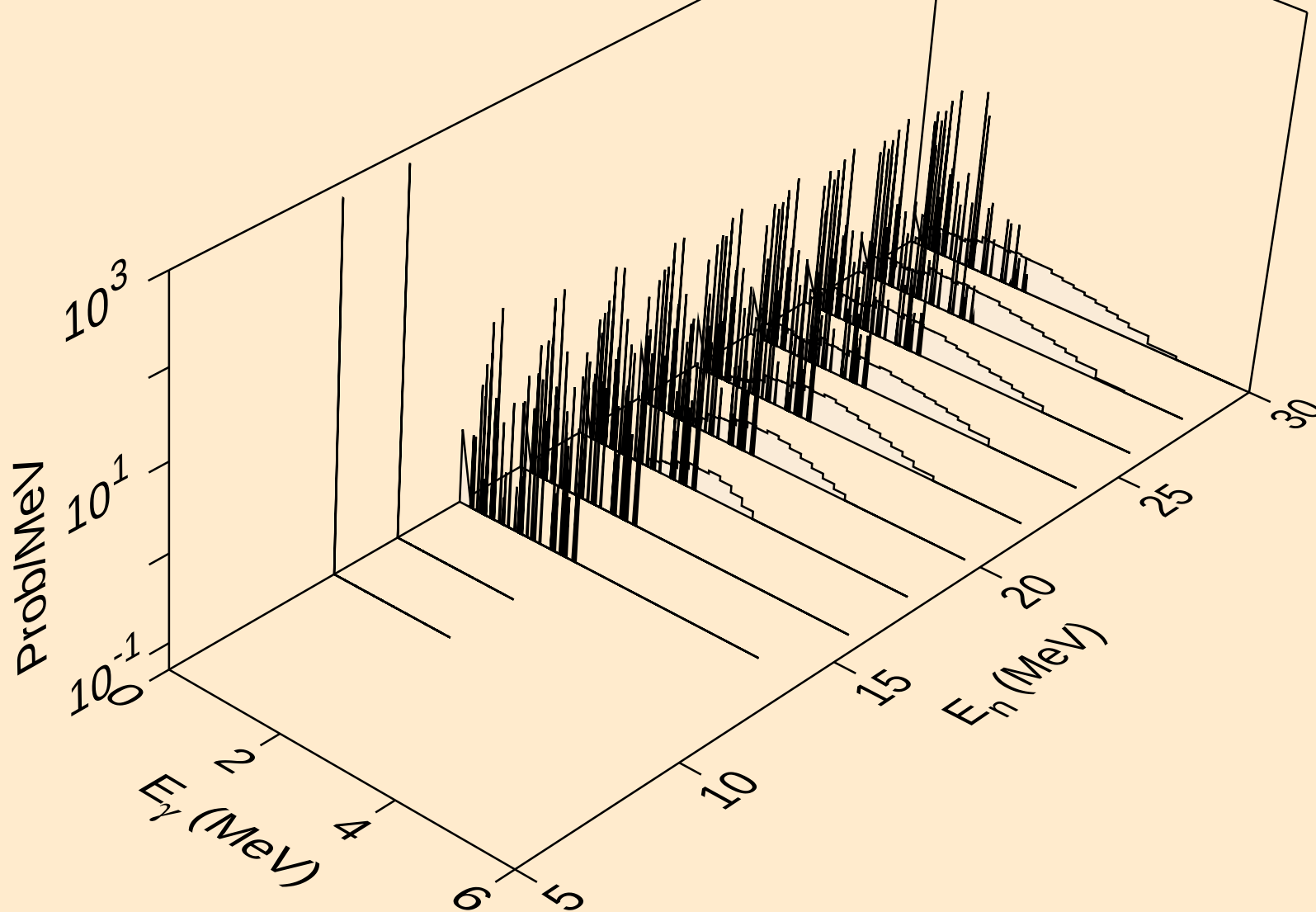
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



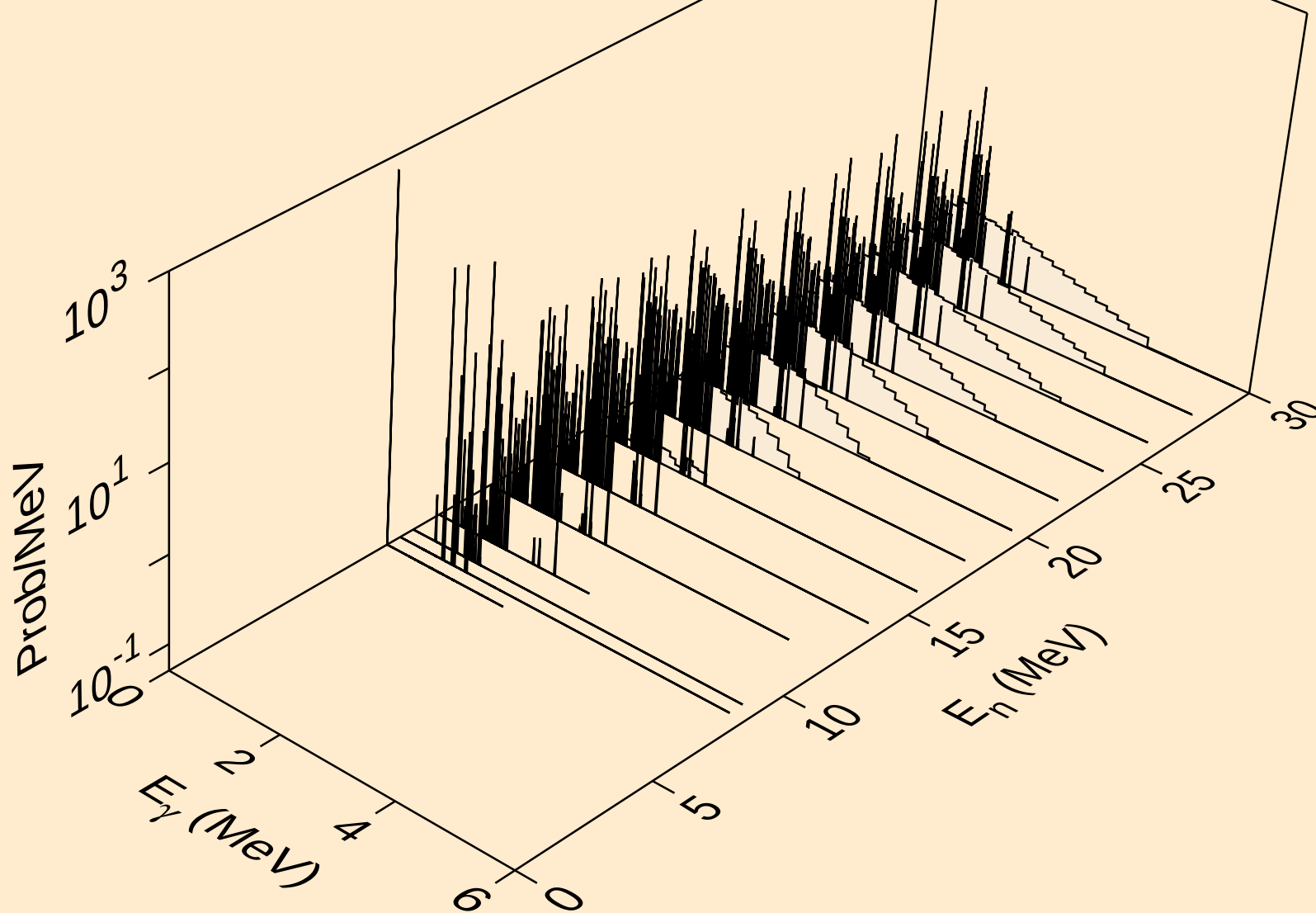
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



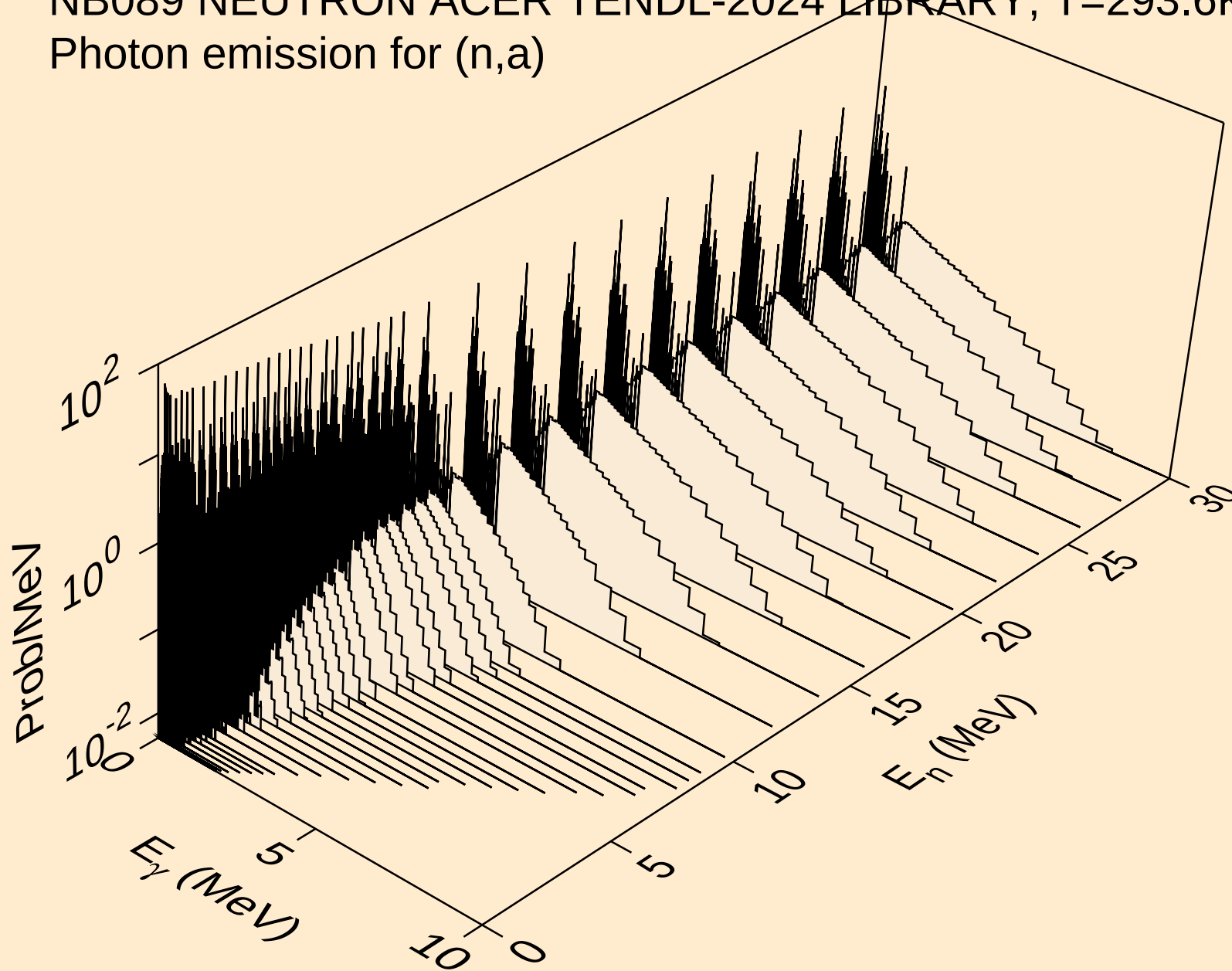
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



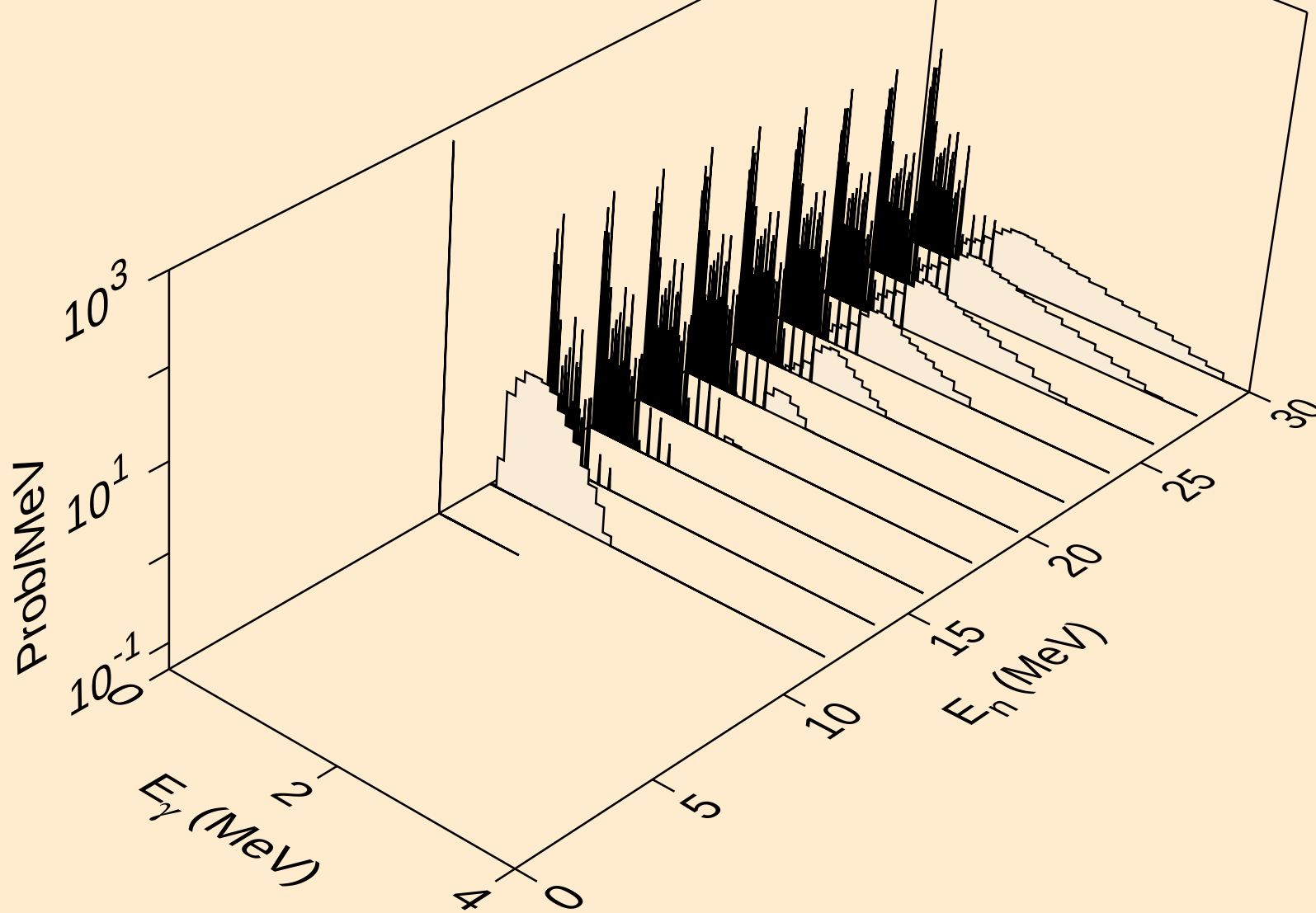
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



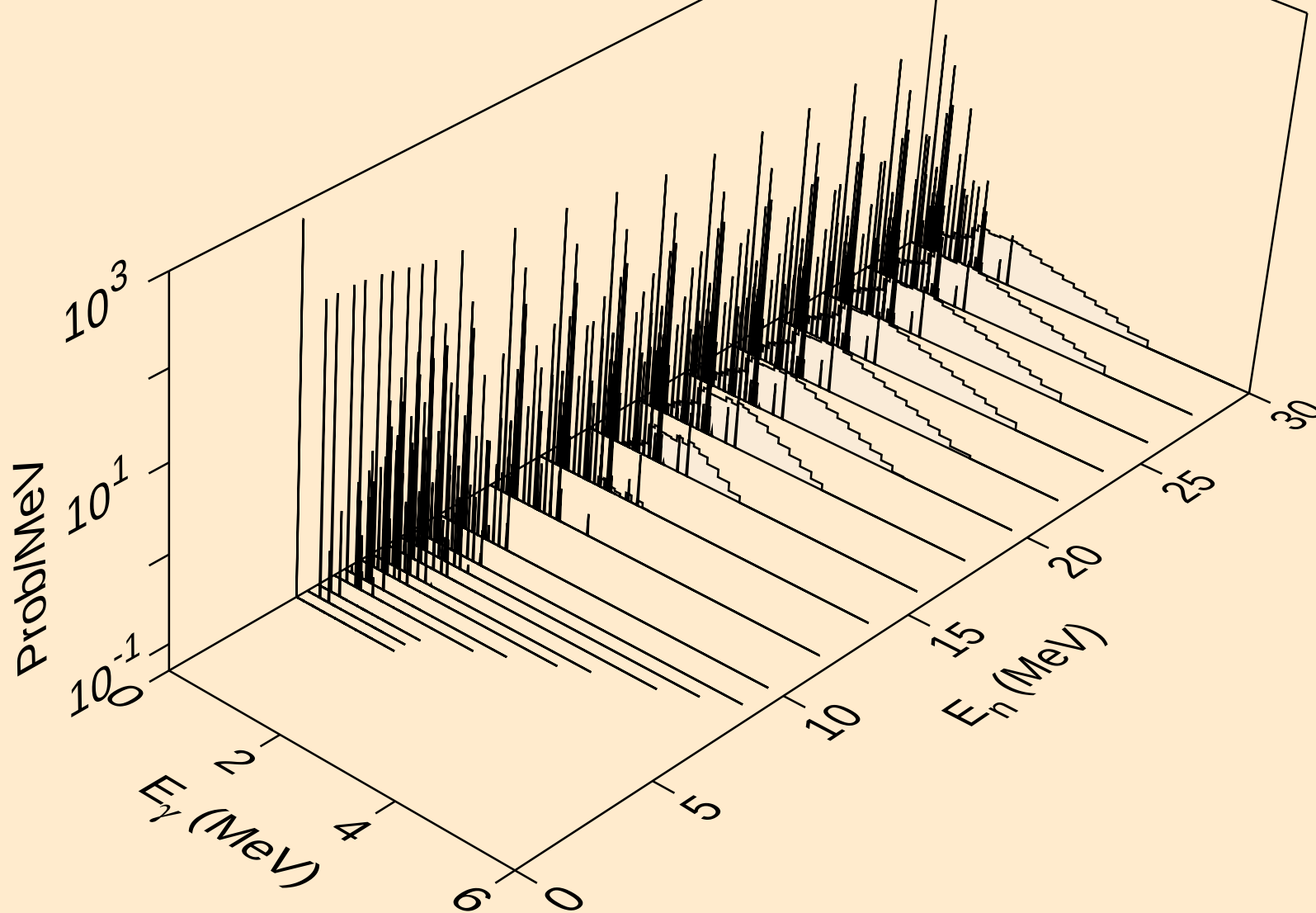
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



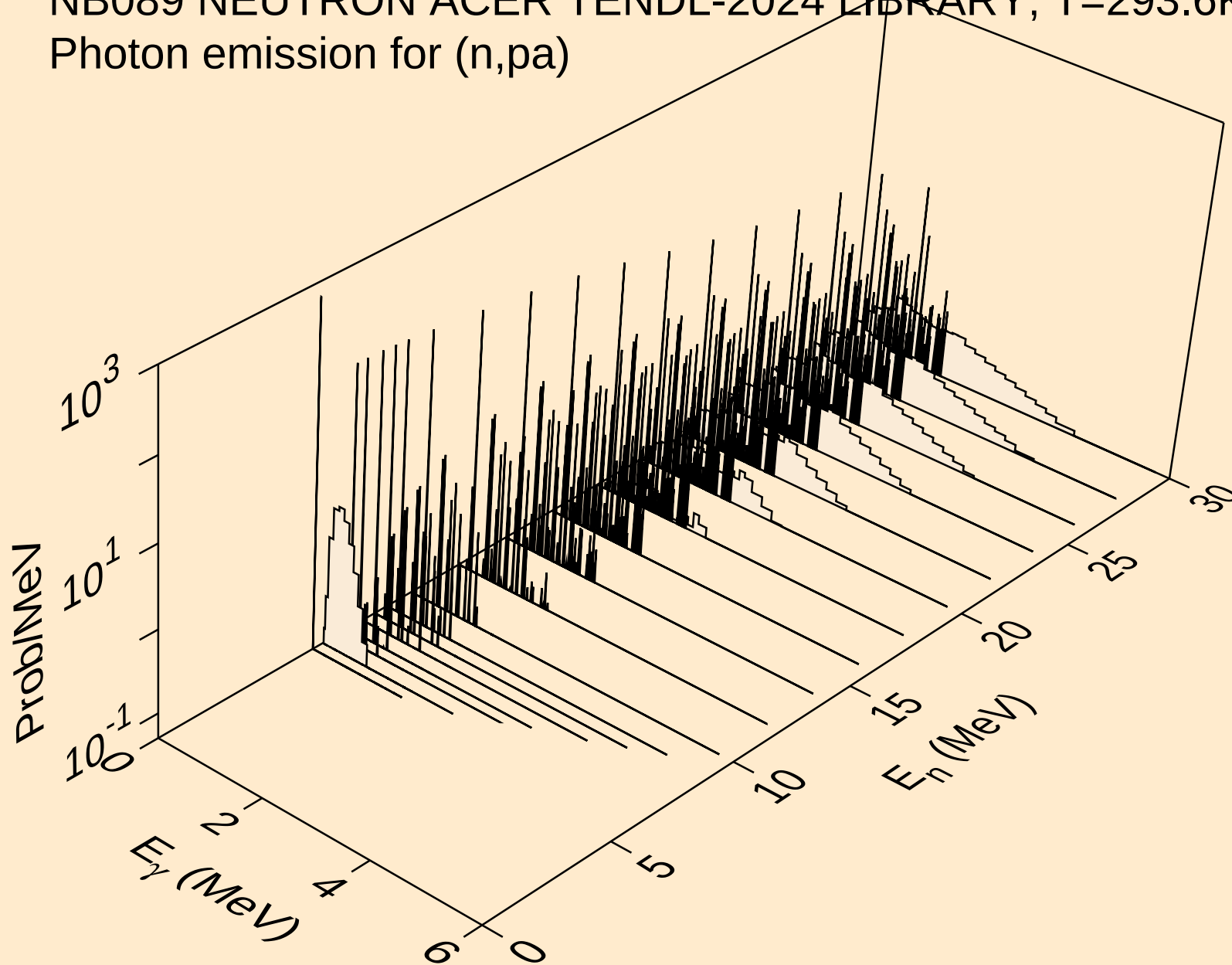
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



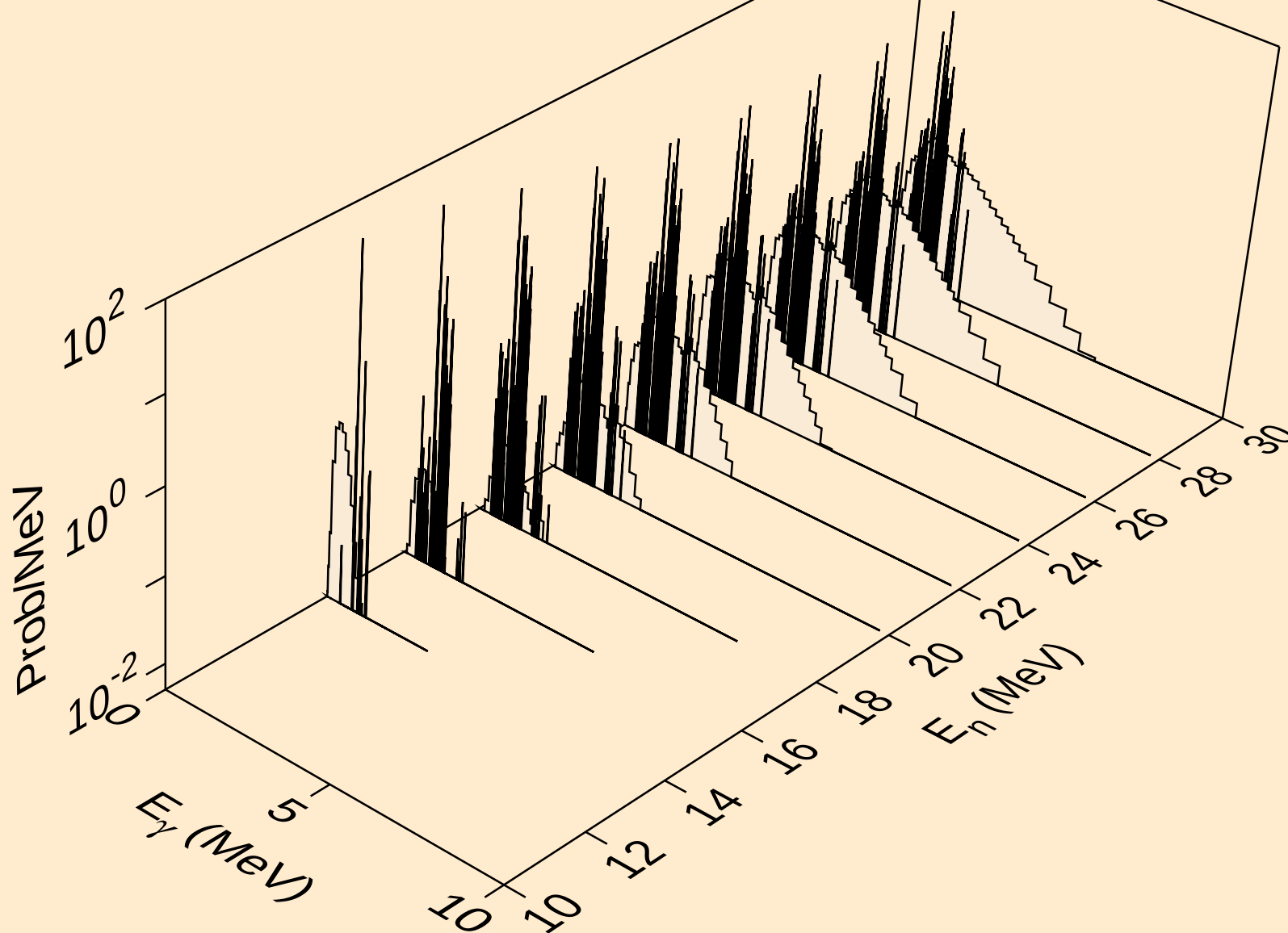
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Photon emission for (n,2p)



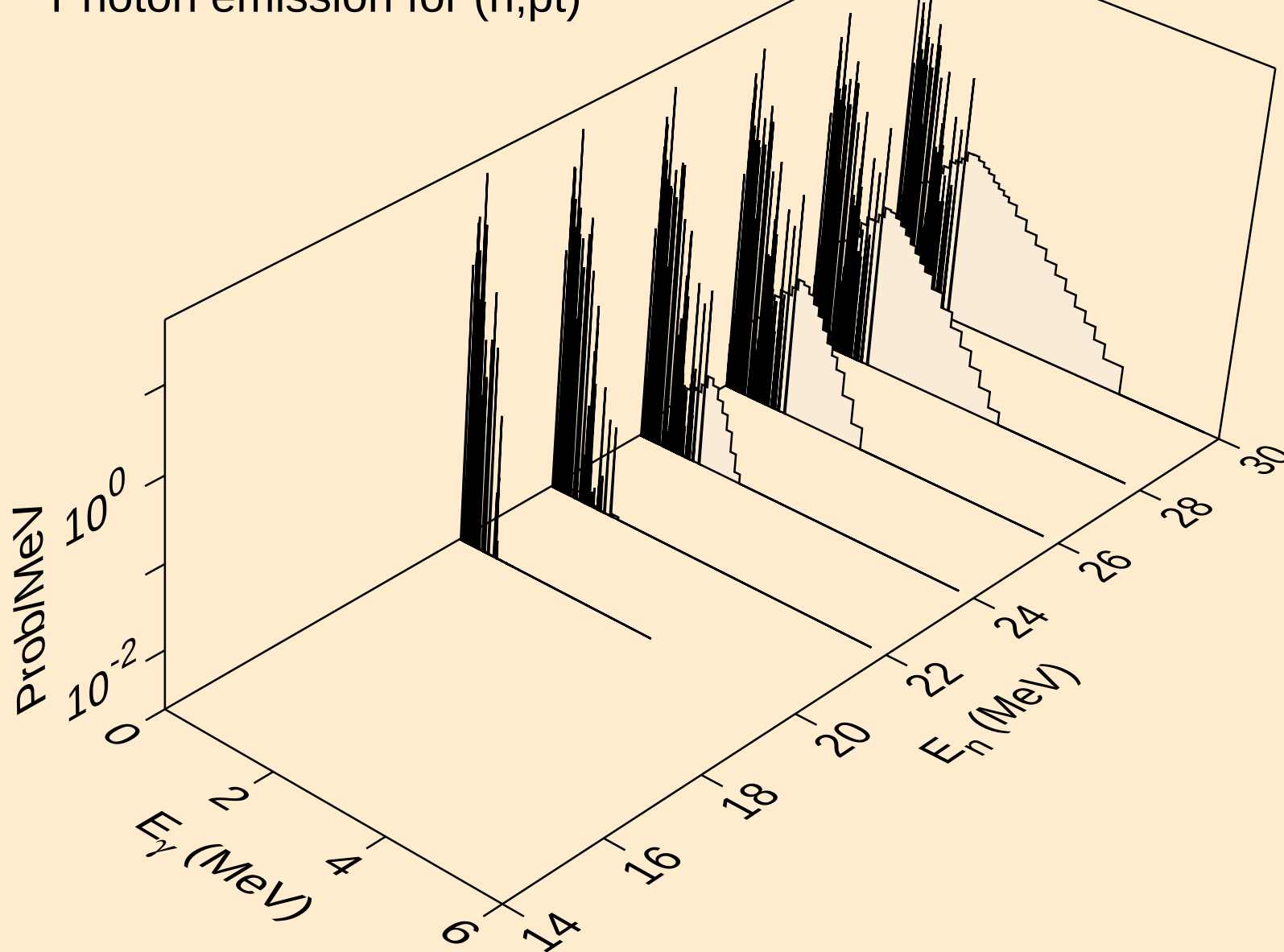
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



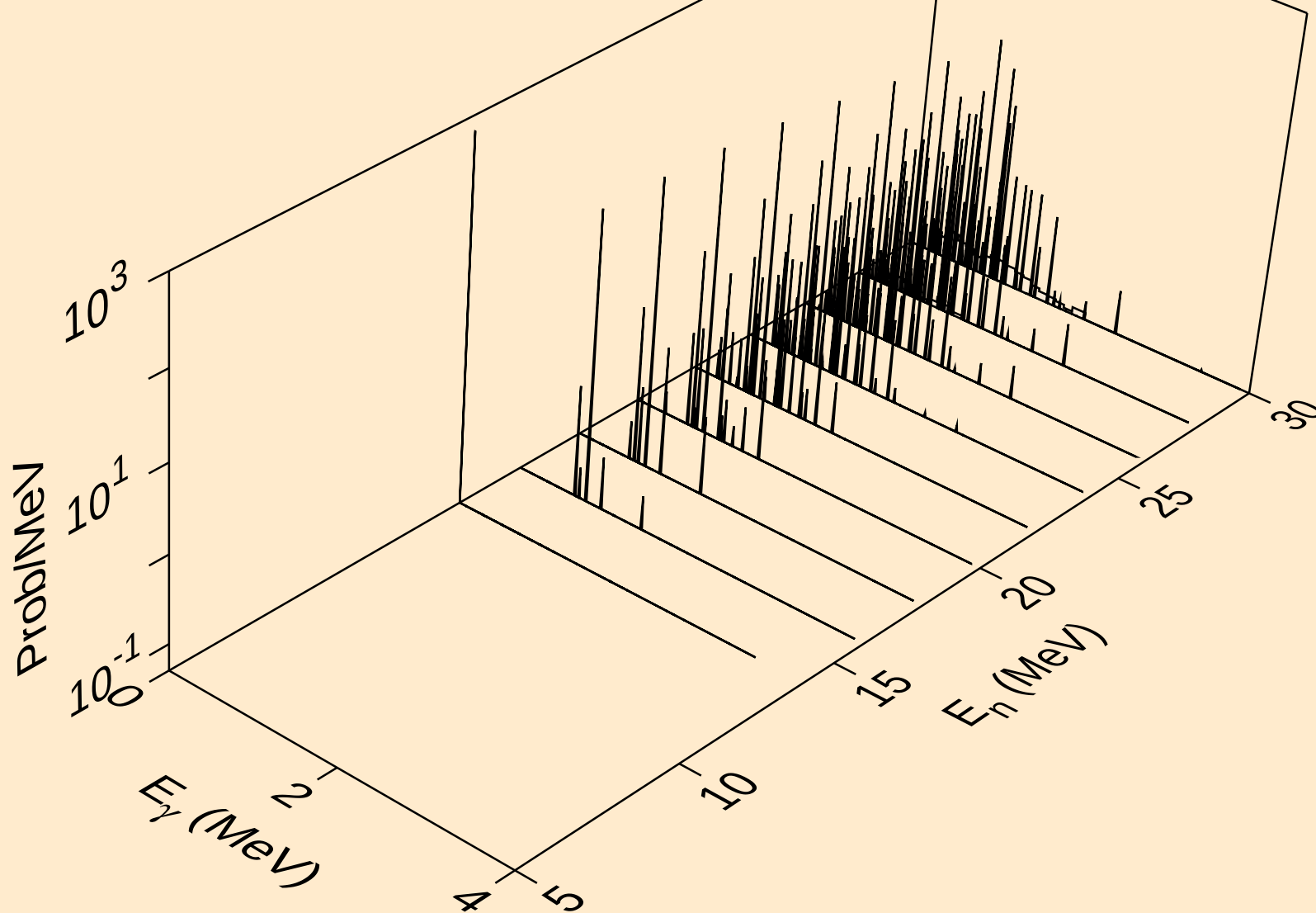
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



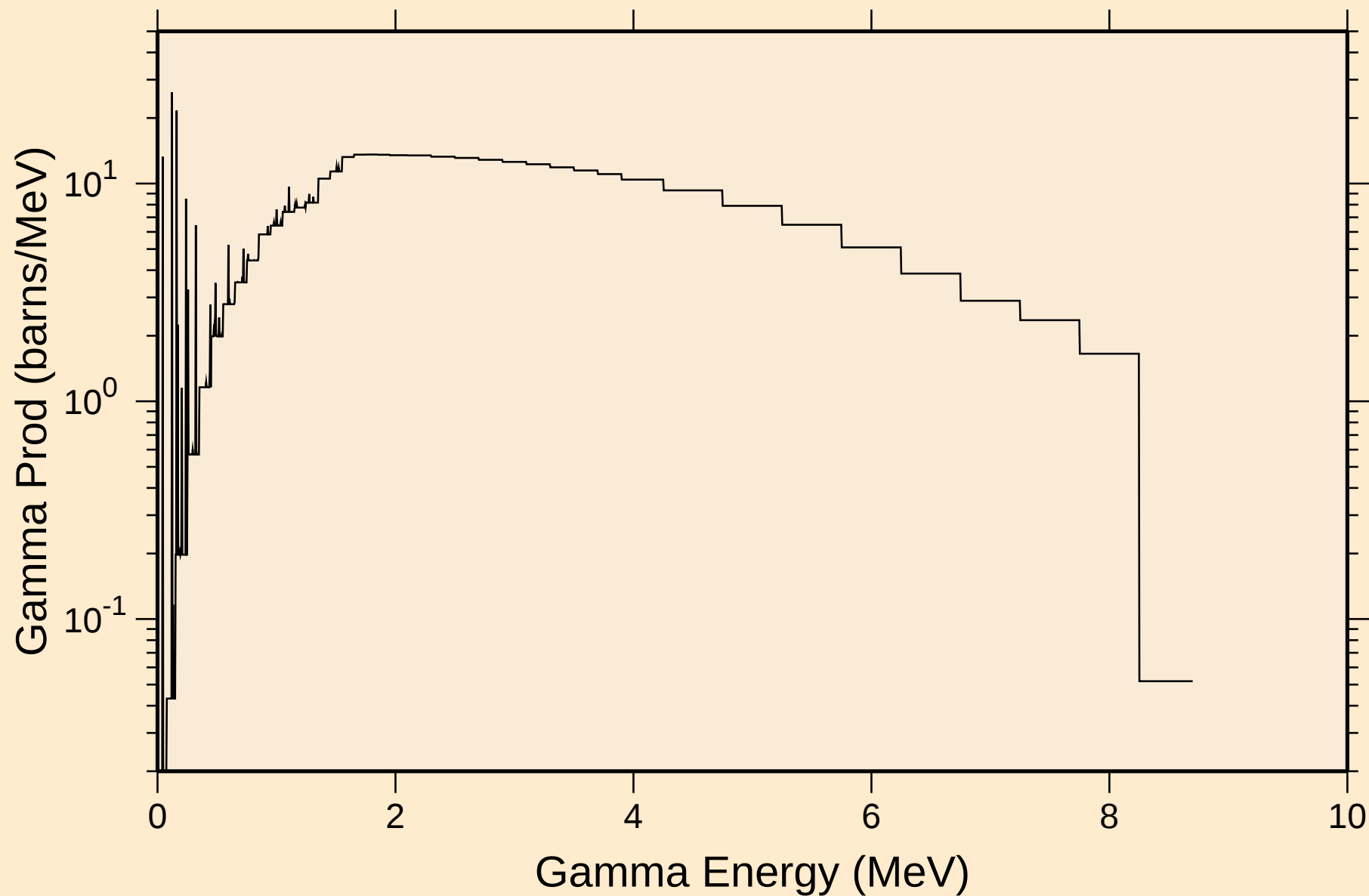
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



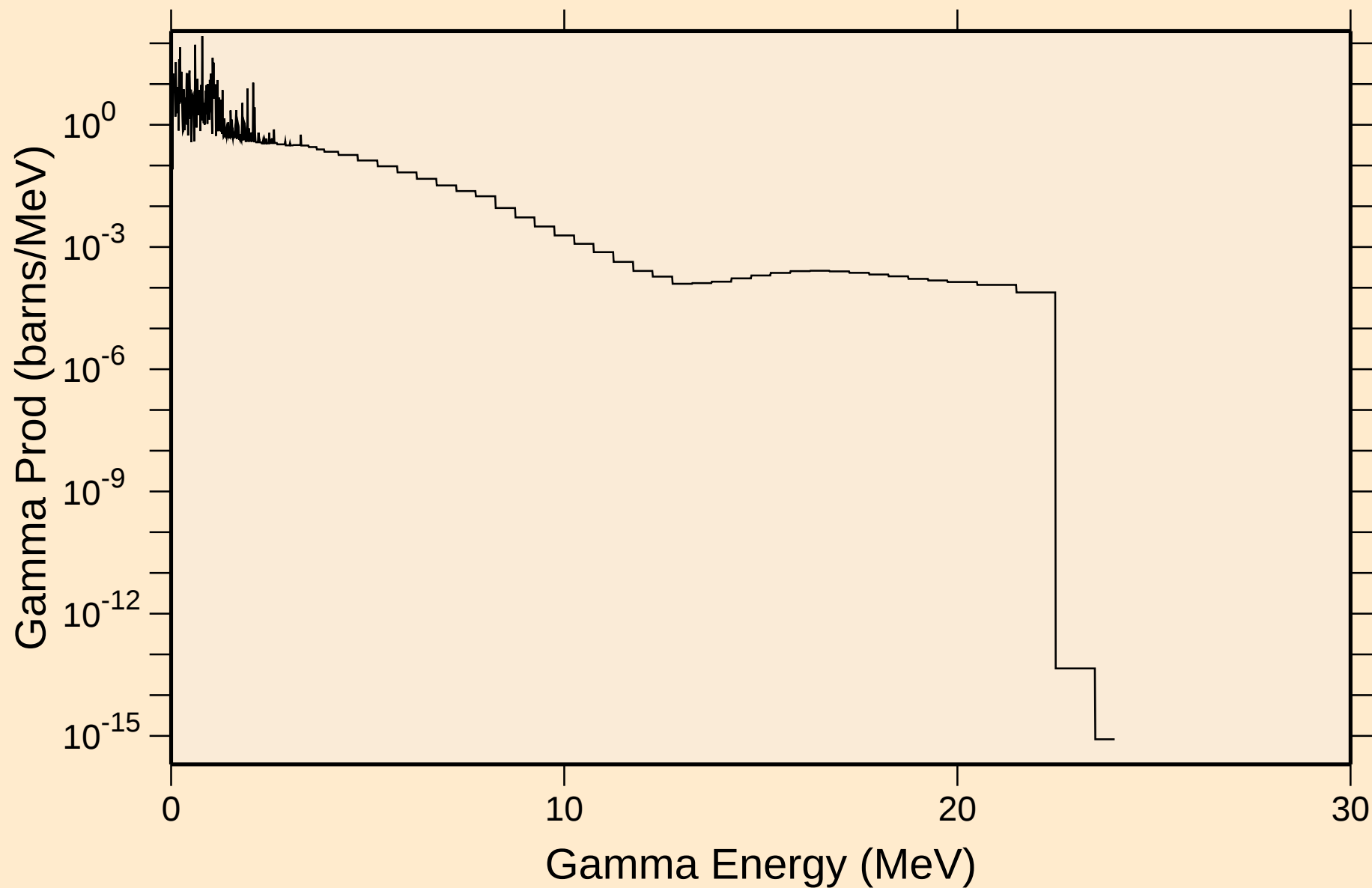
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



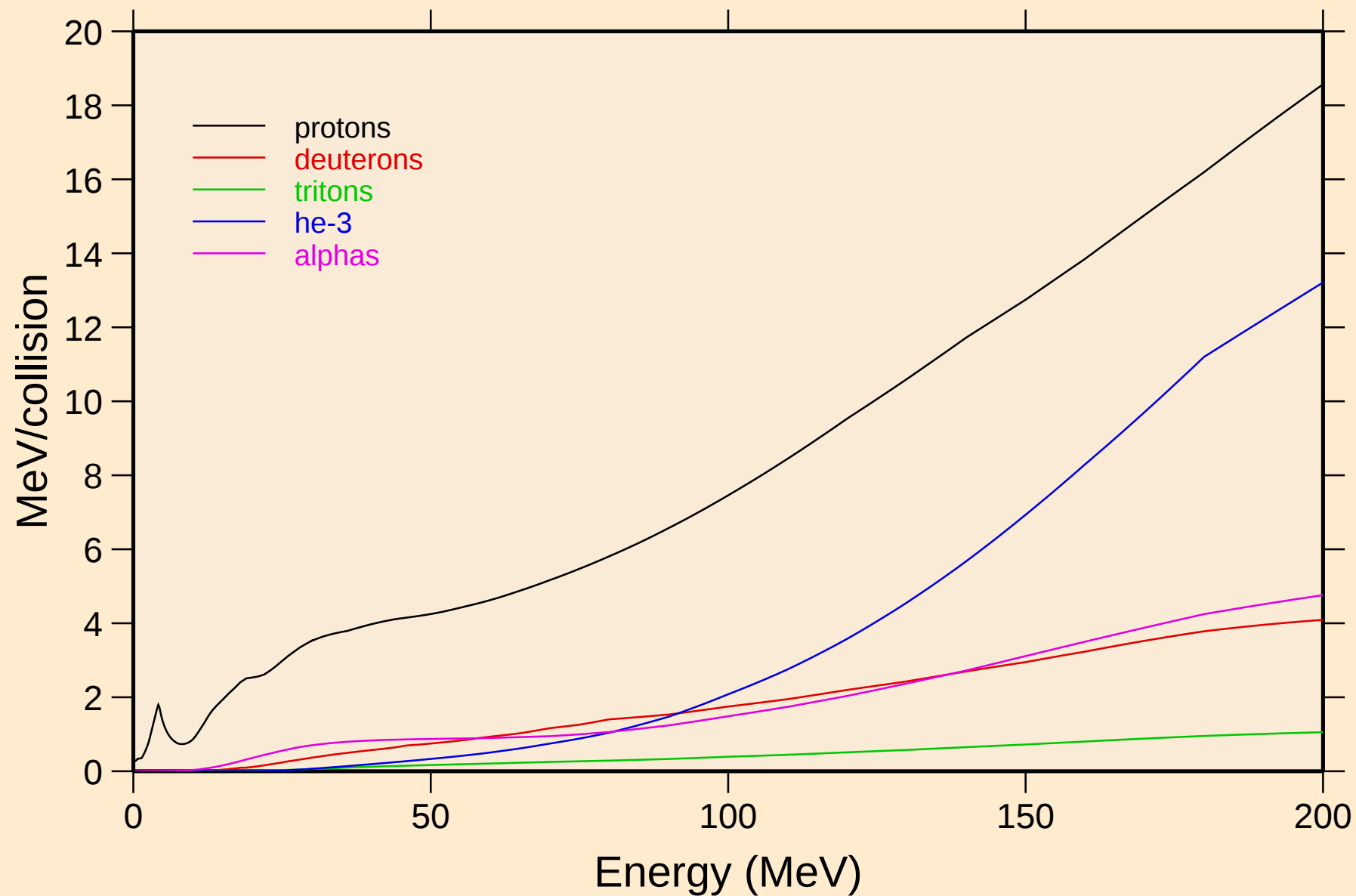
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



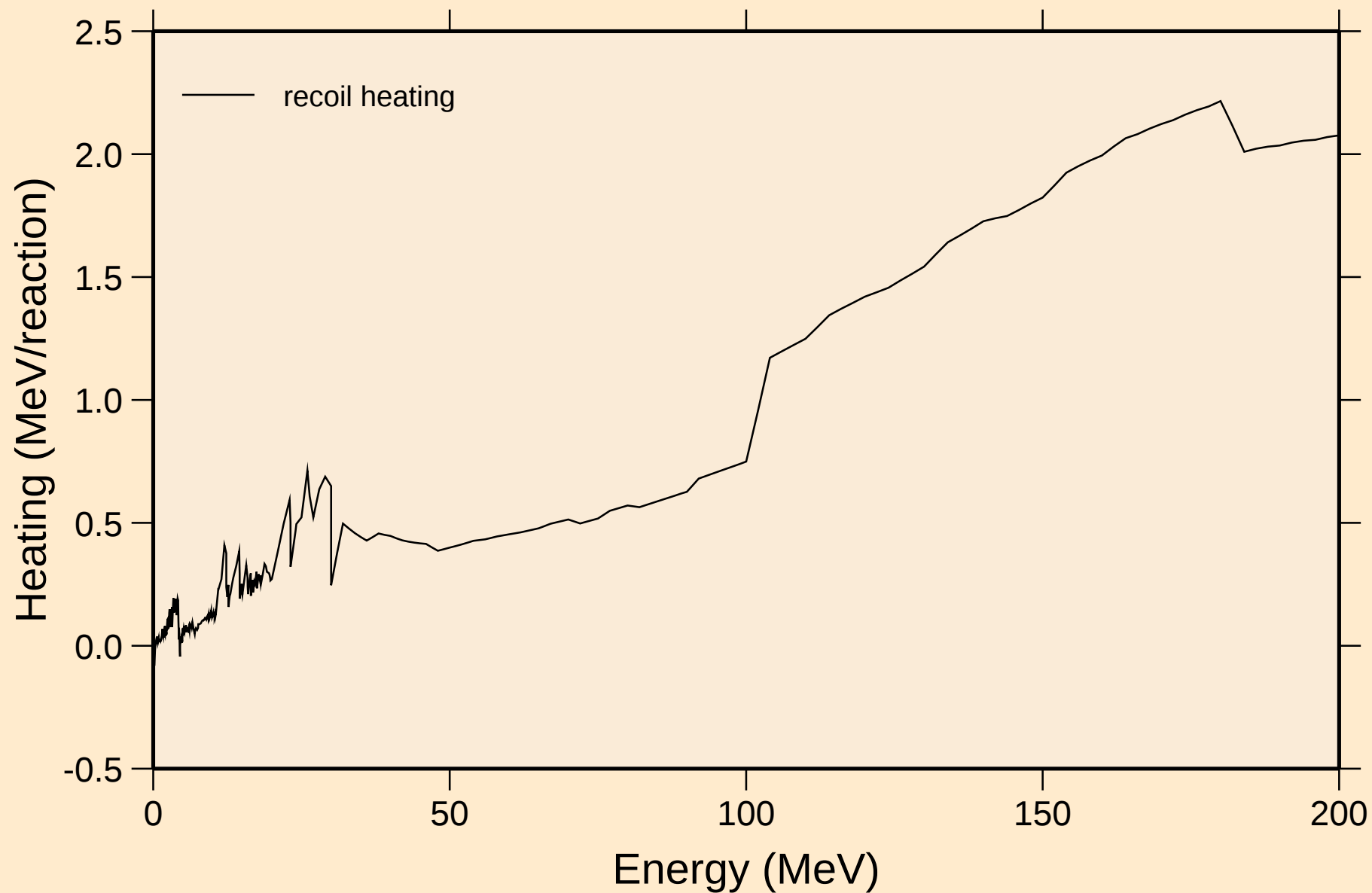
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



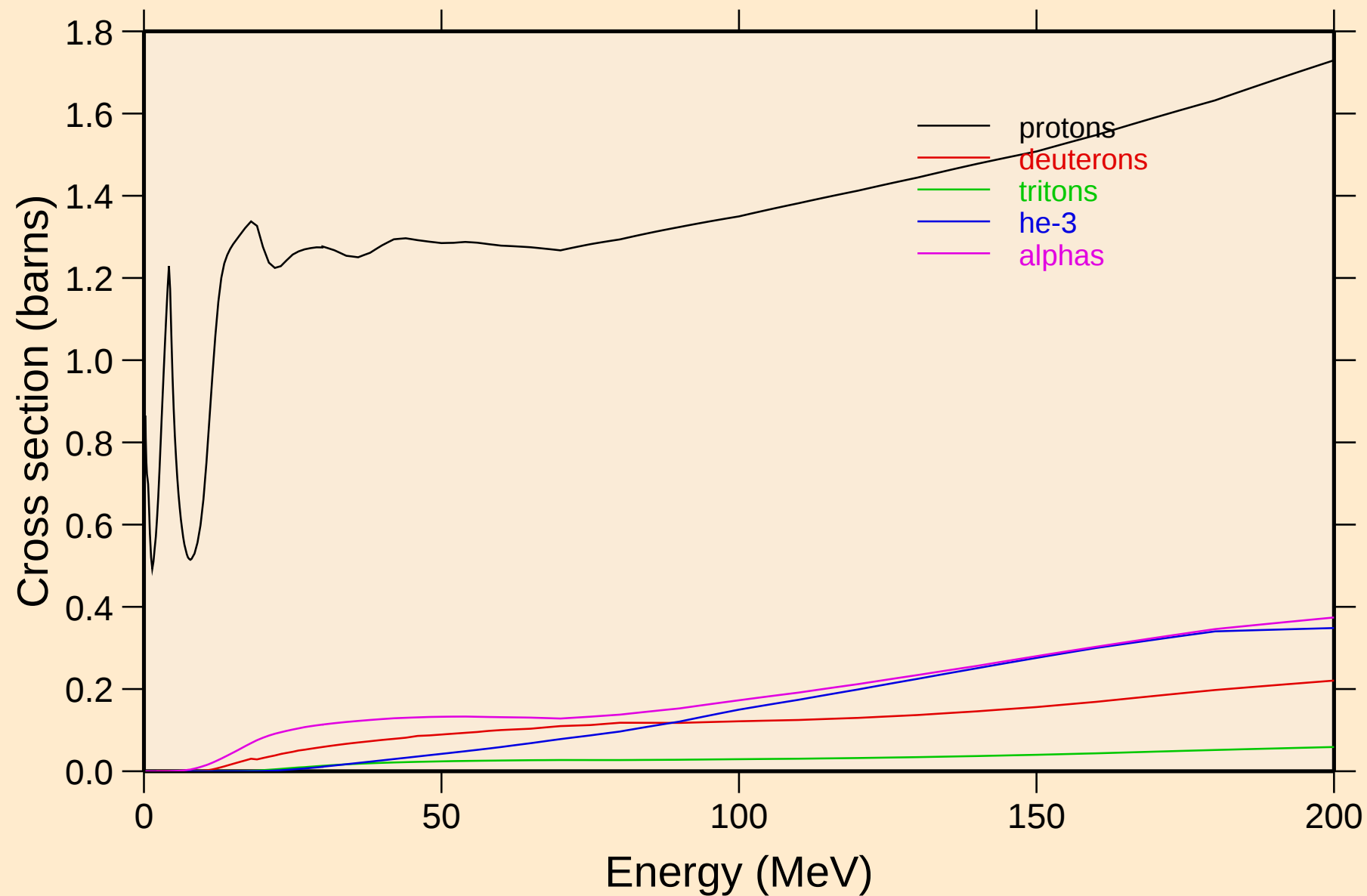
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



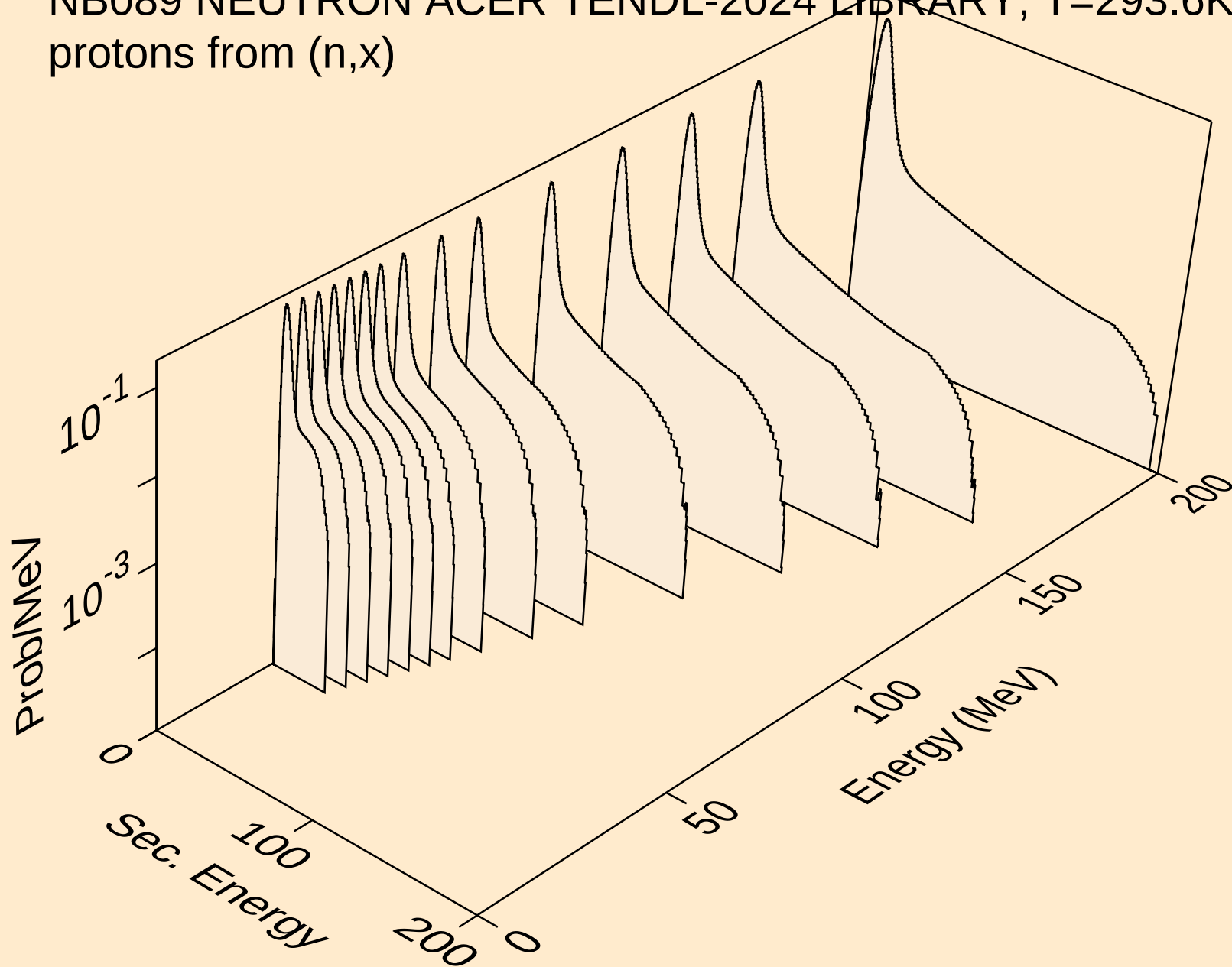
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



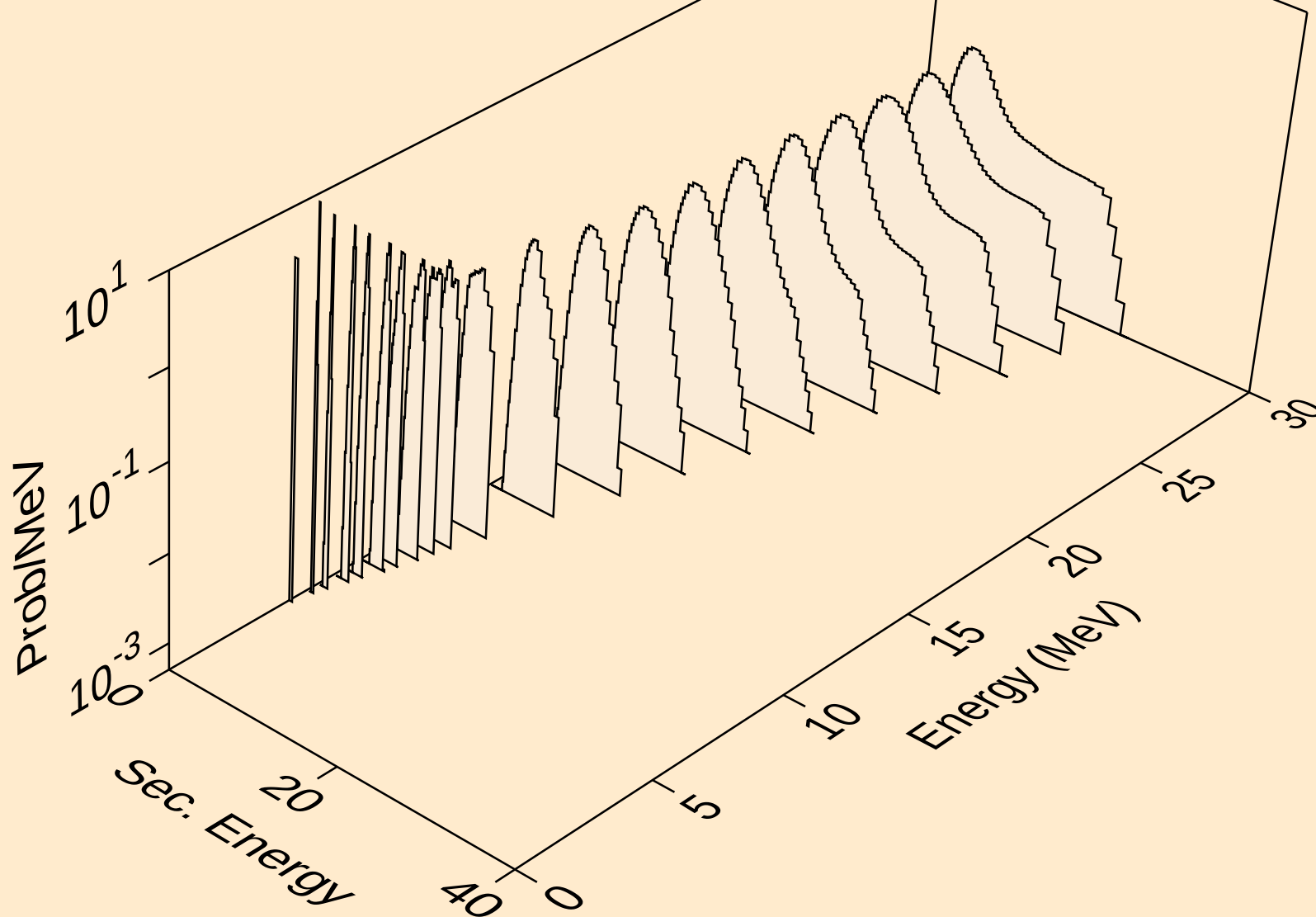
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



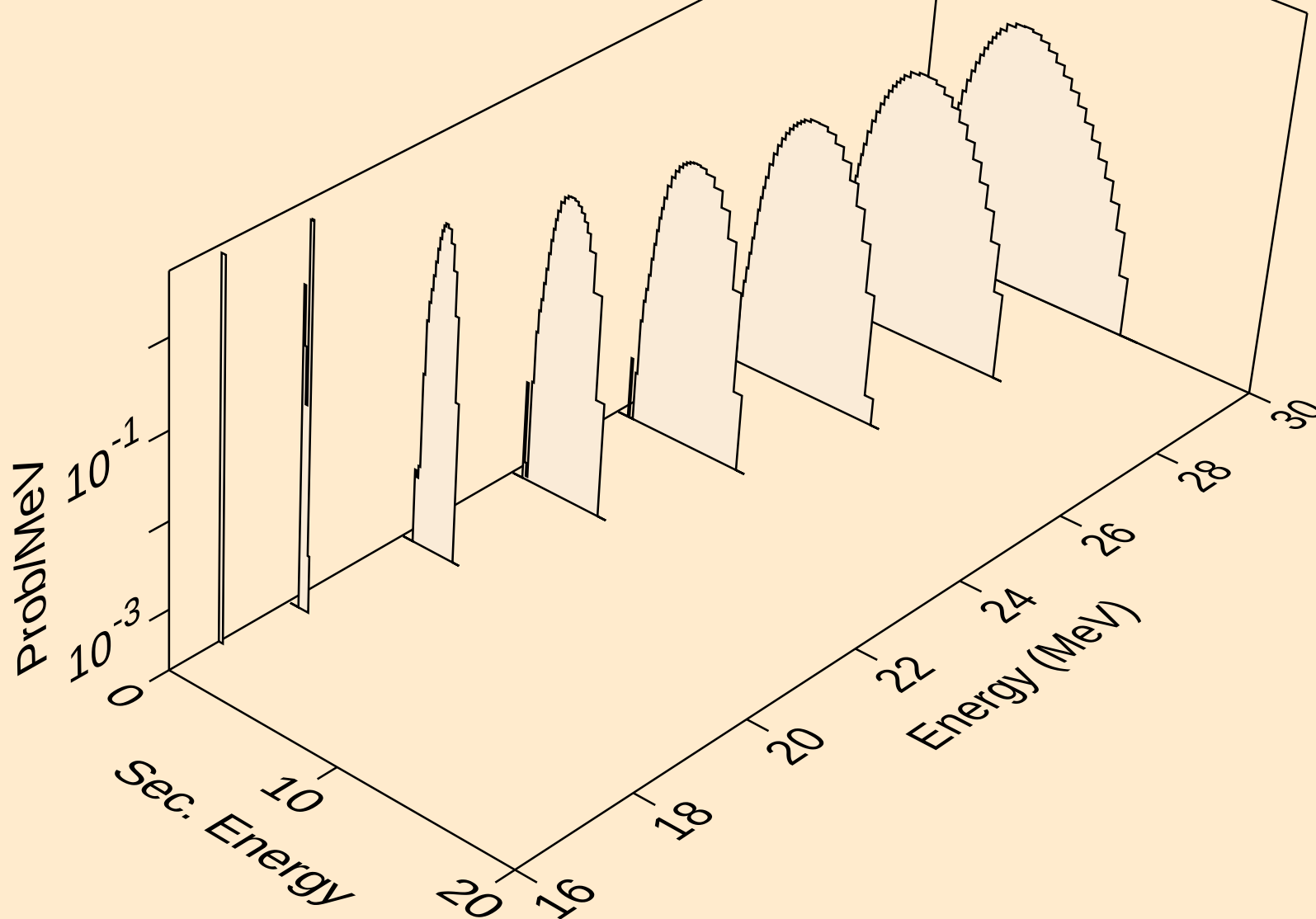
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



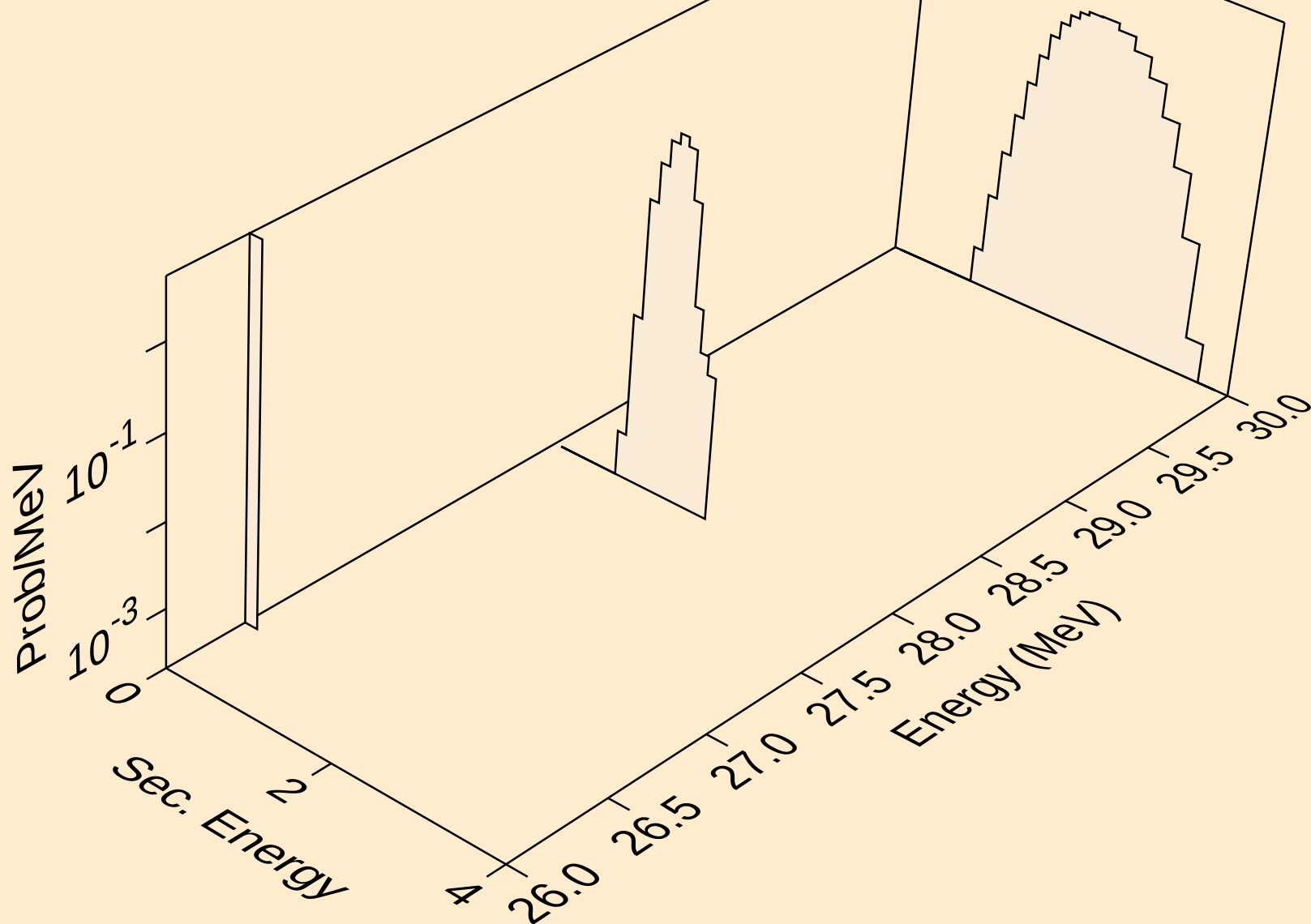
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



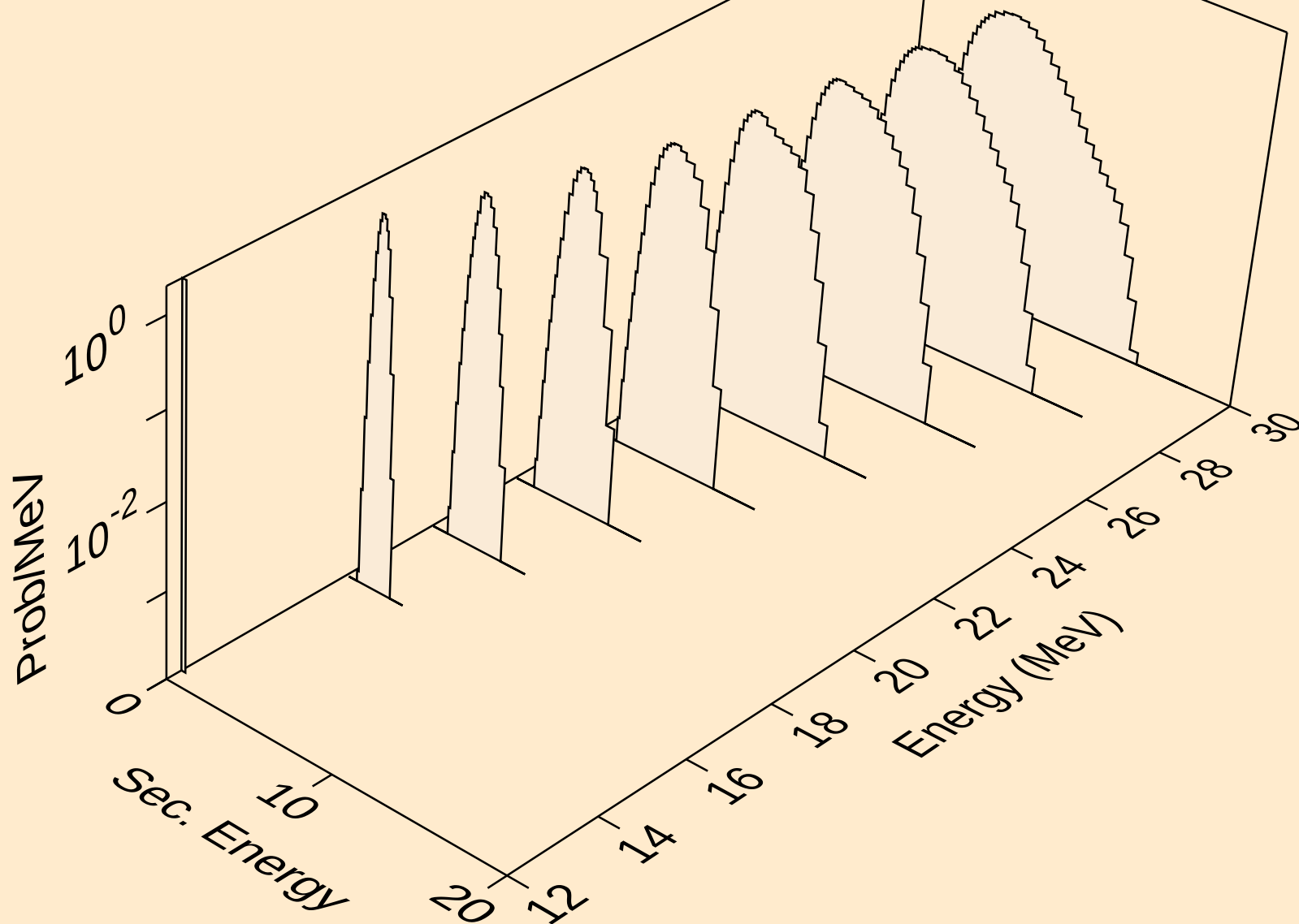
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protons from (n,2np)



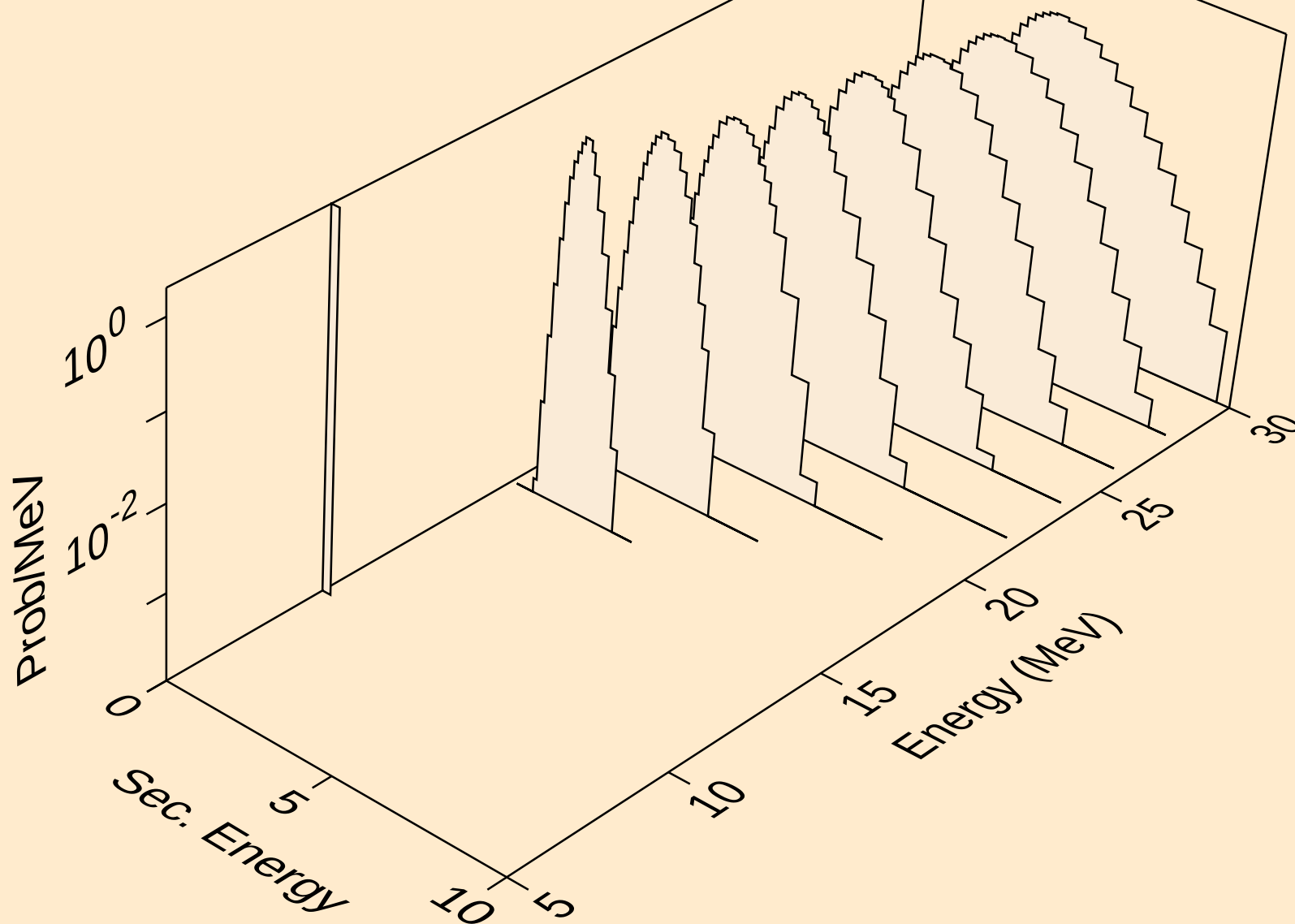
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protons from (n,3np)



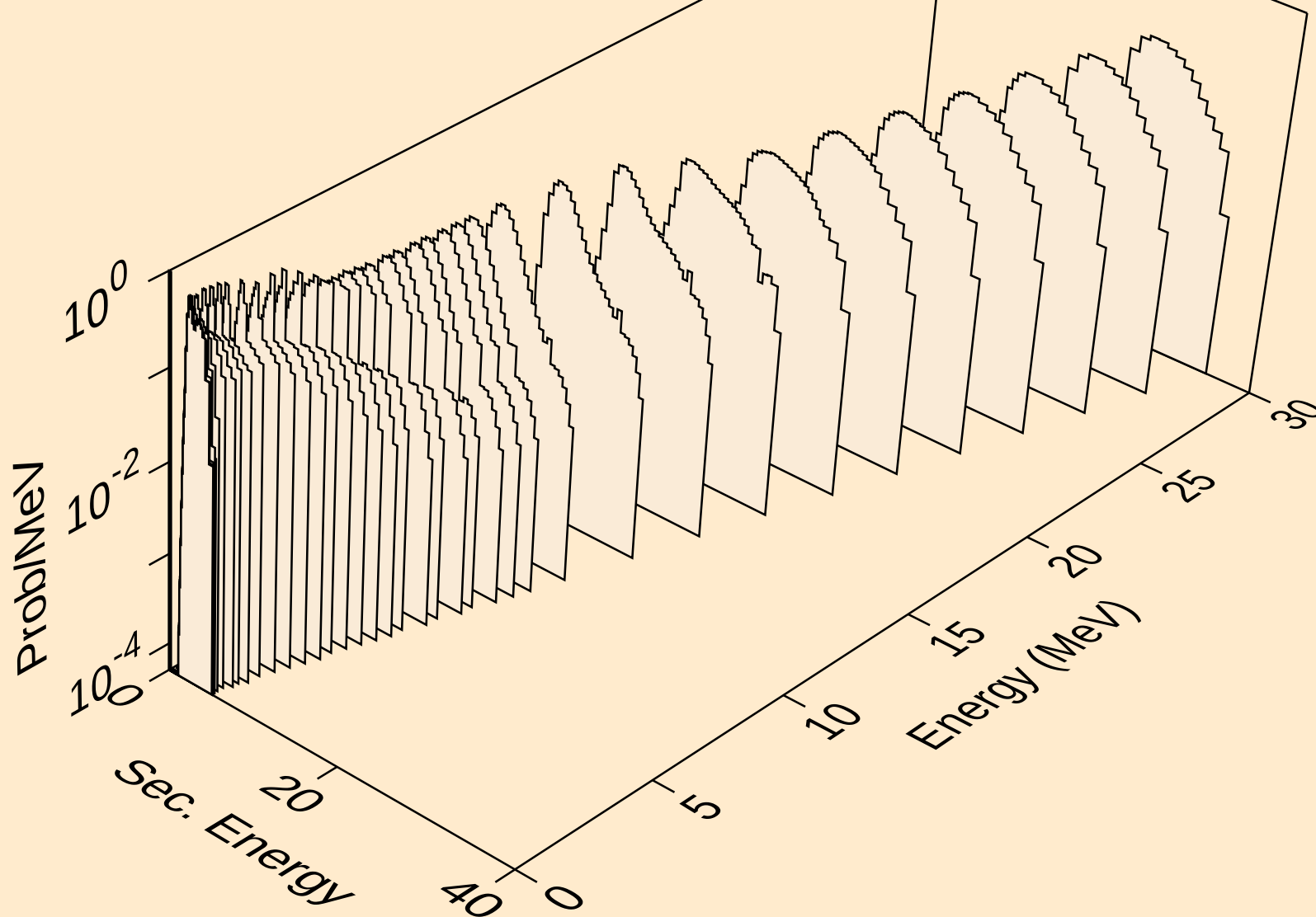
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protons from (n,n2p)



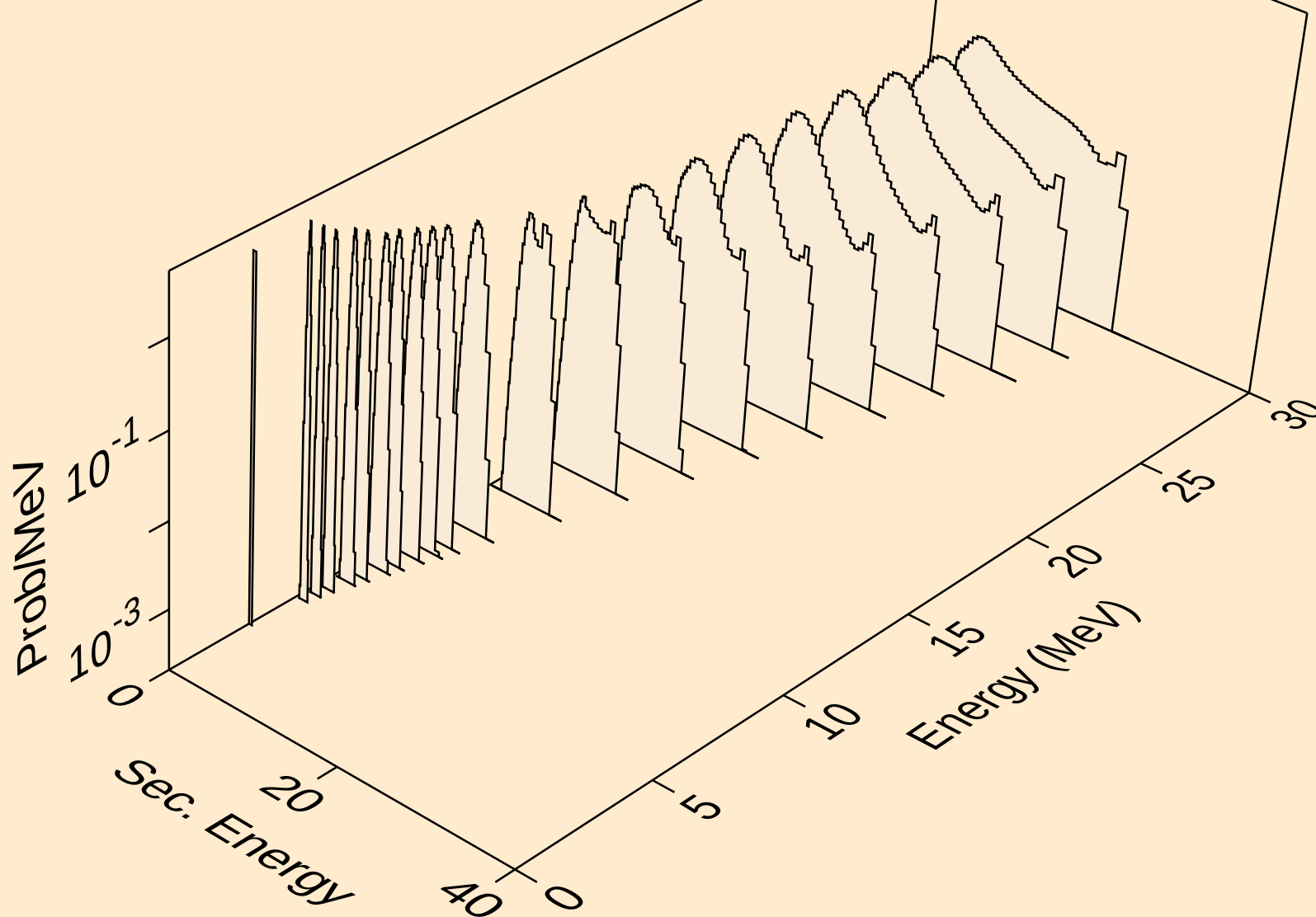
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protons from (n,npa)



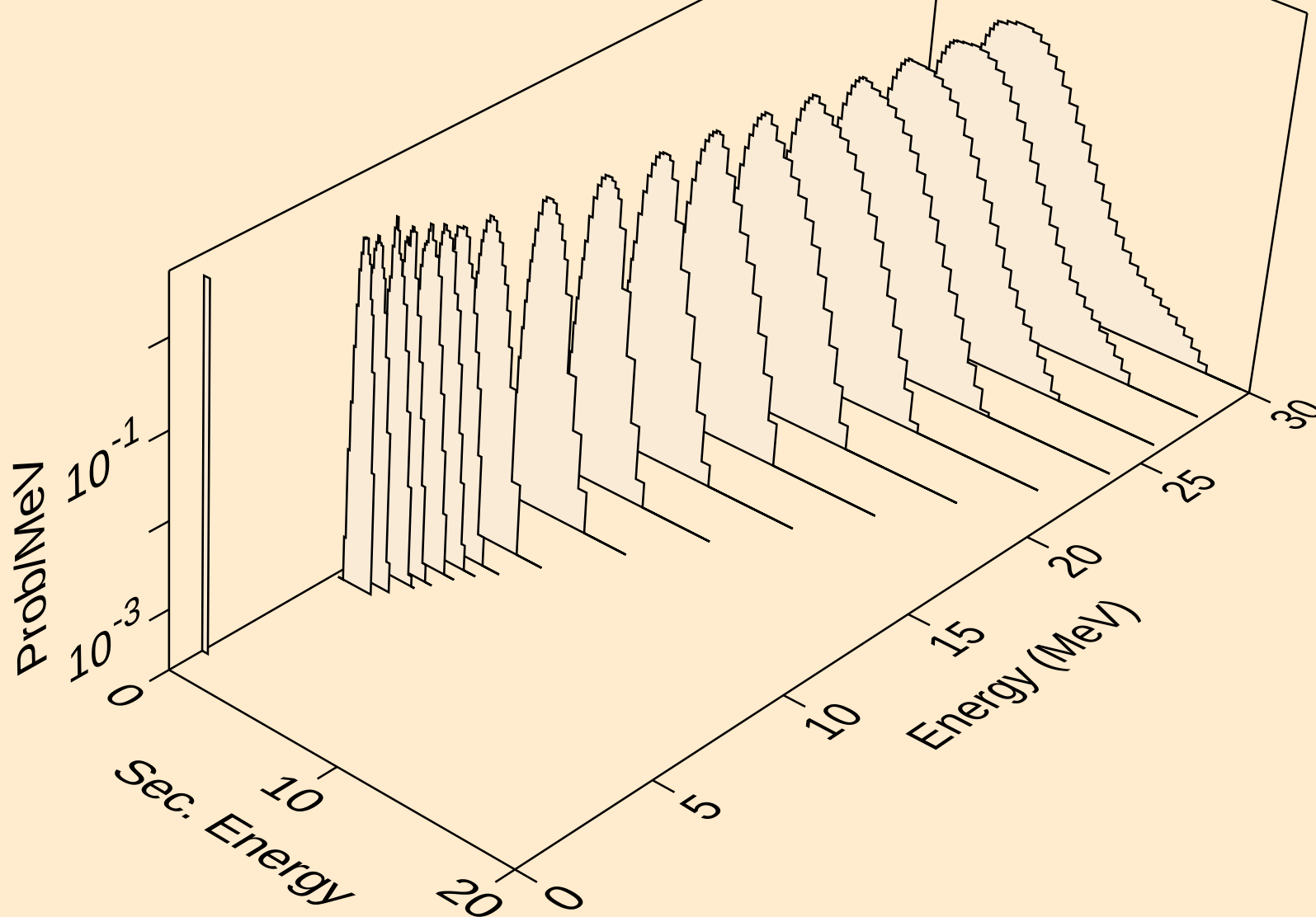
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protons from (n,p)



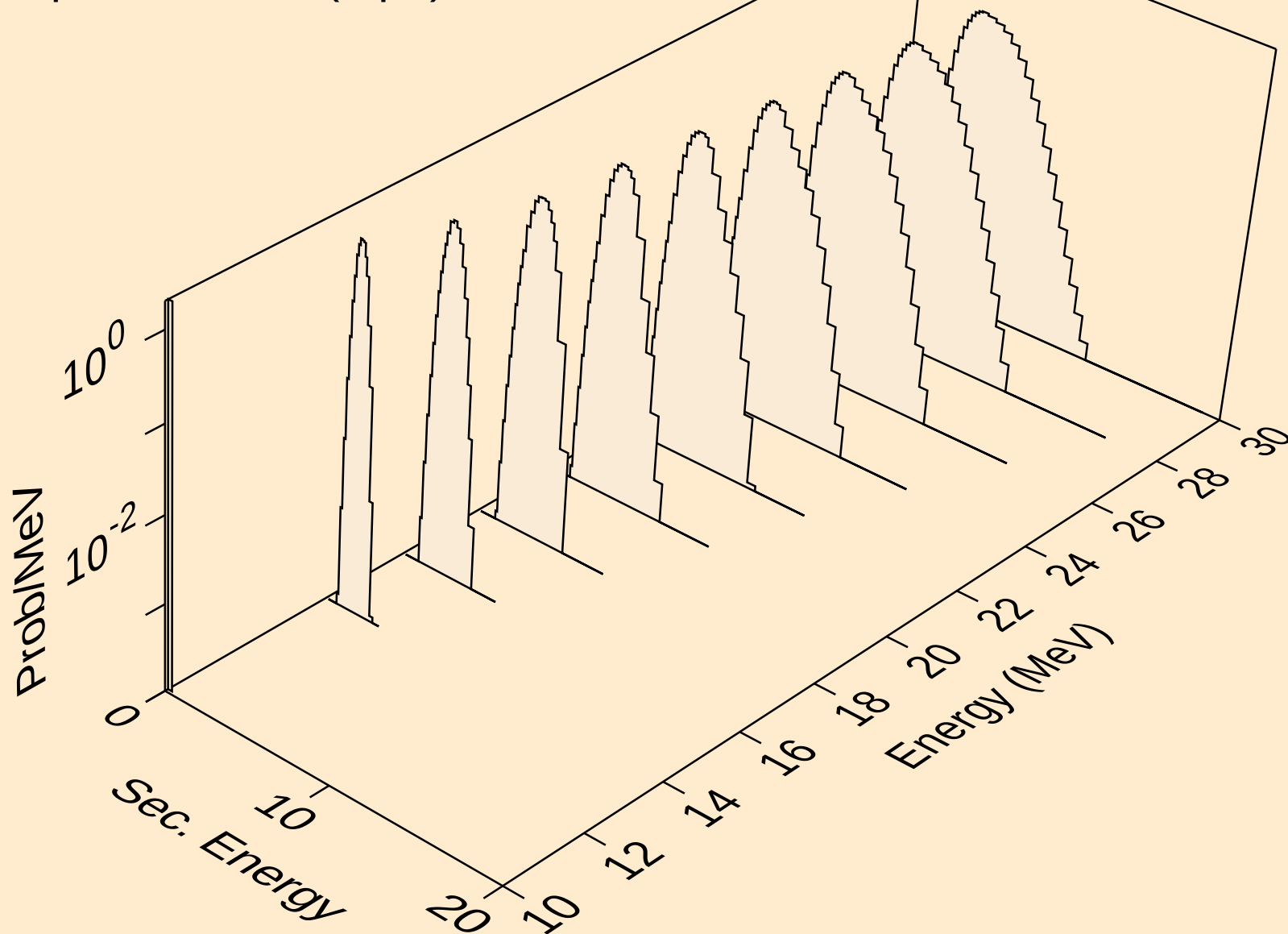
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protons from (n,2p)



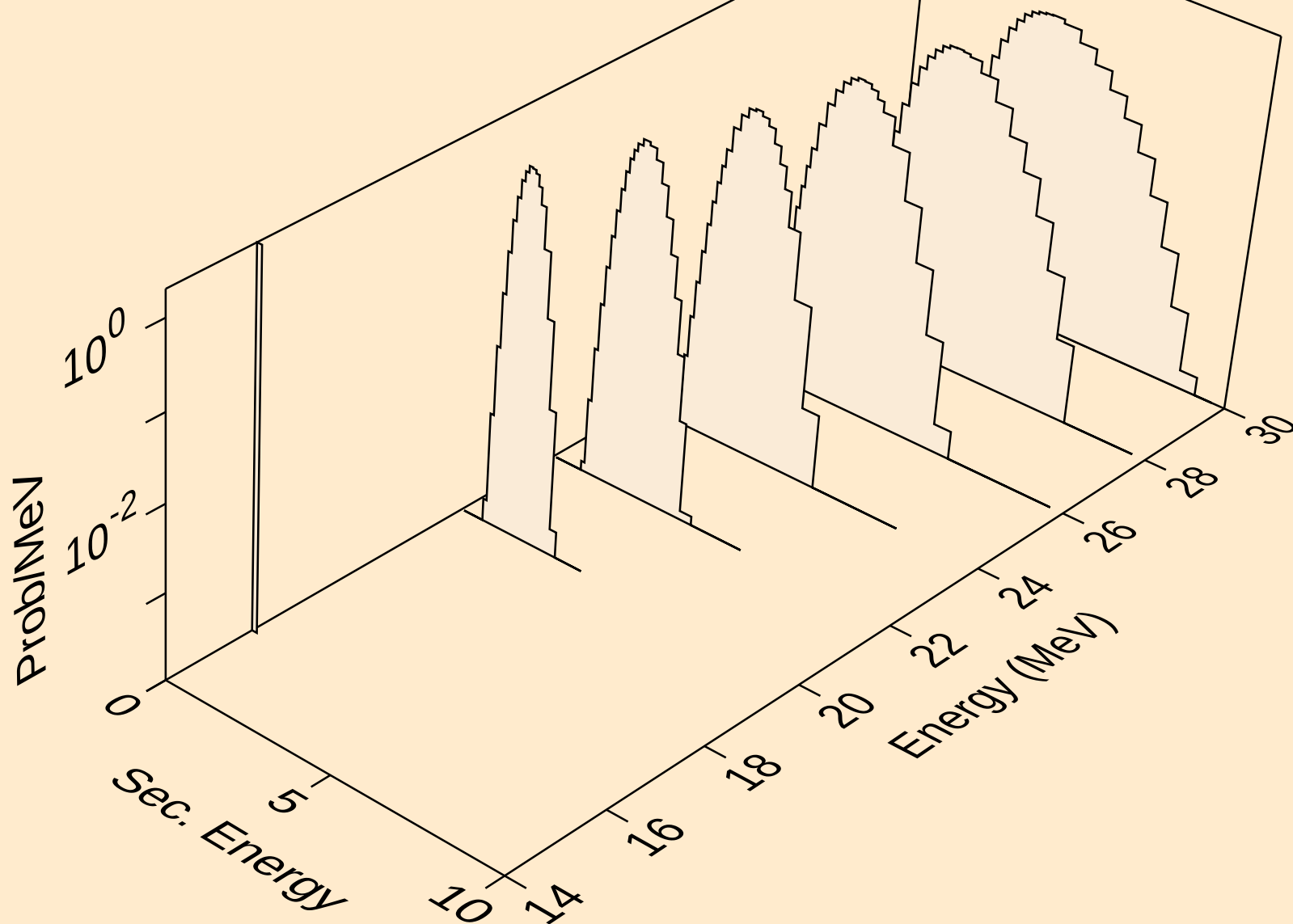
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protons from (n,p)



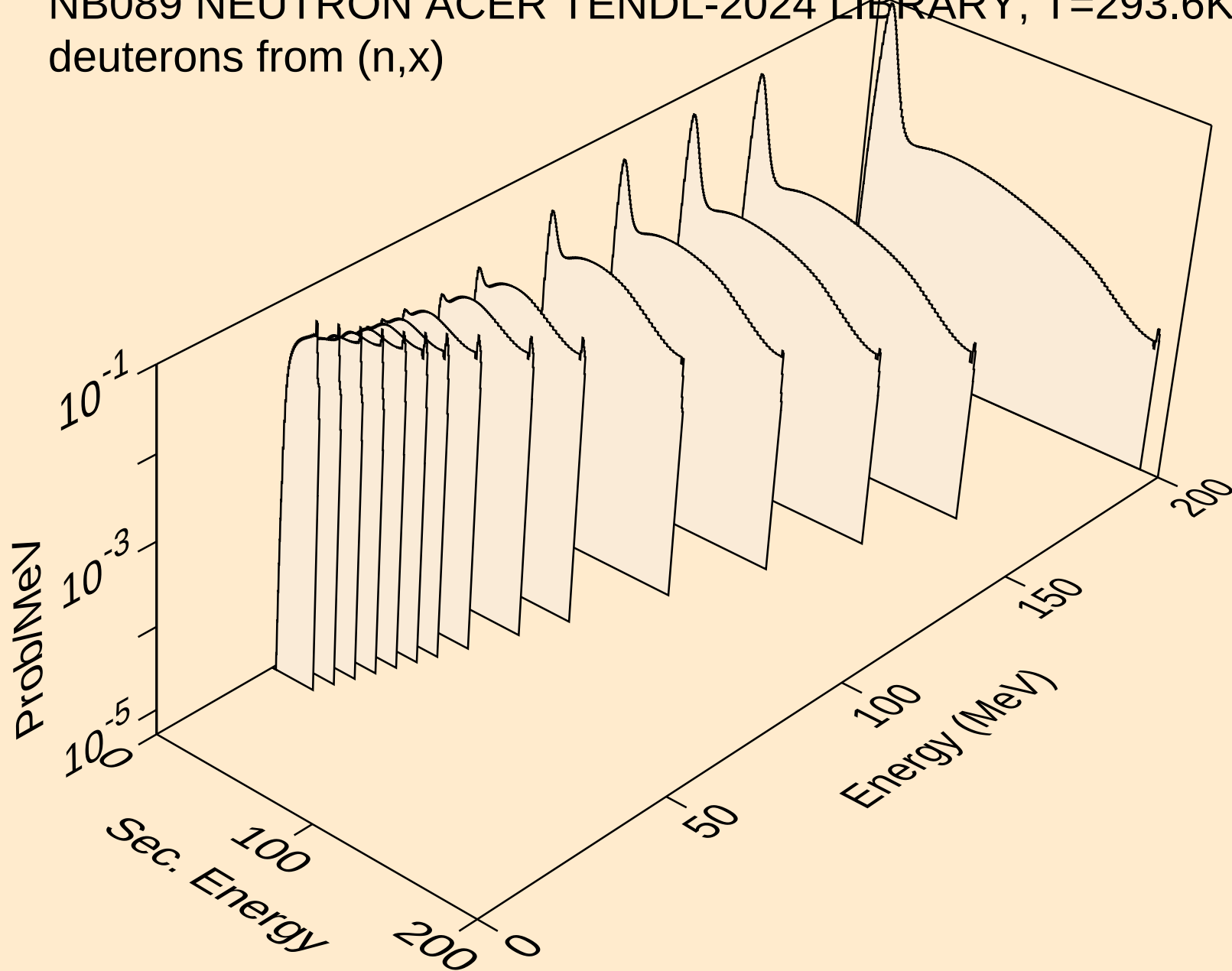
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



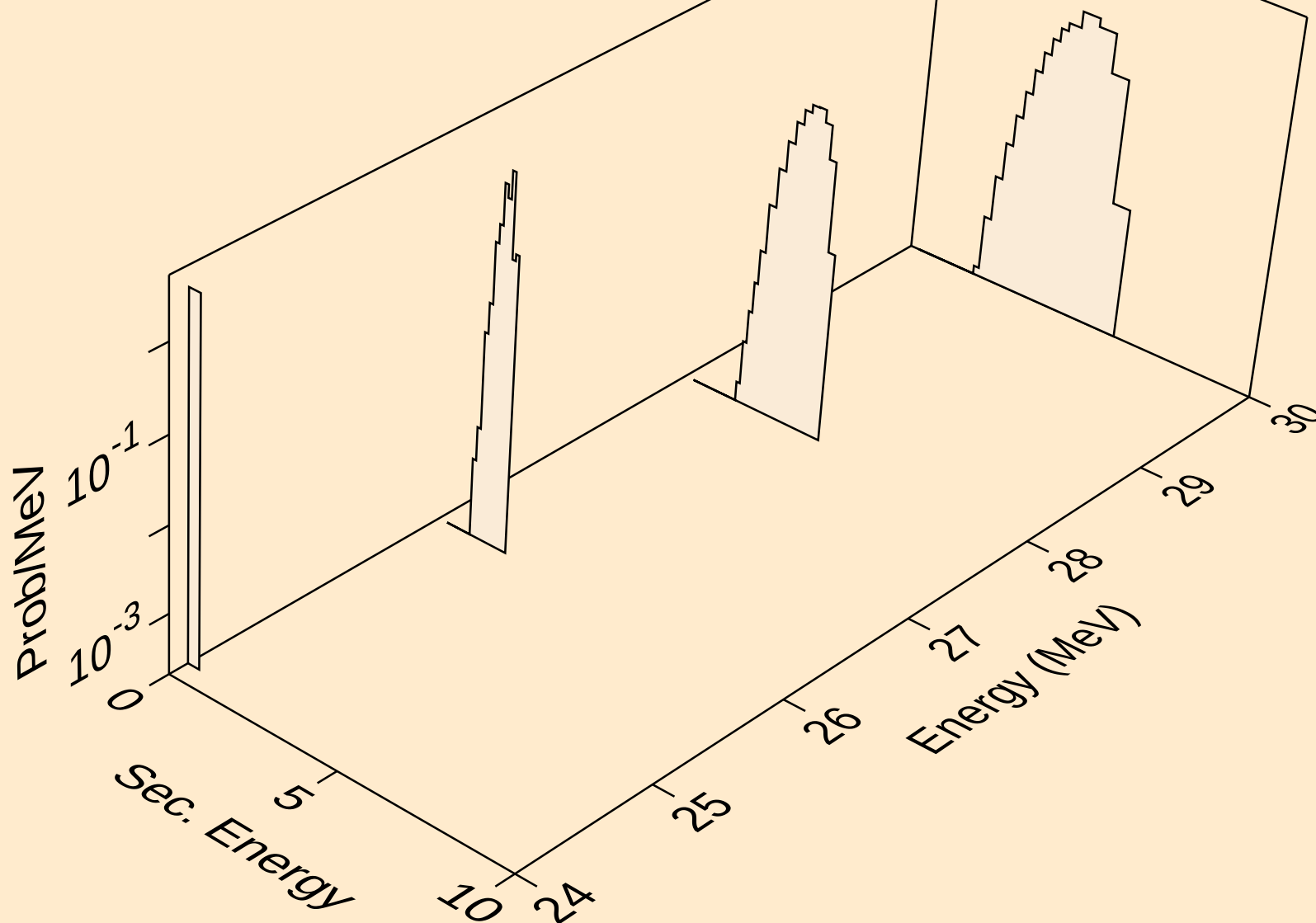
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protons from (n,pt)



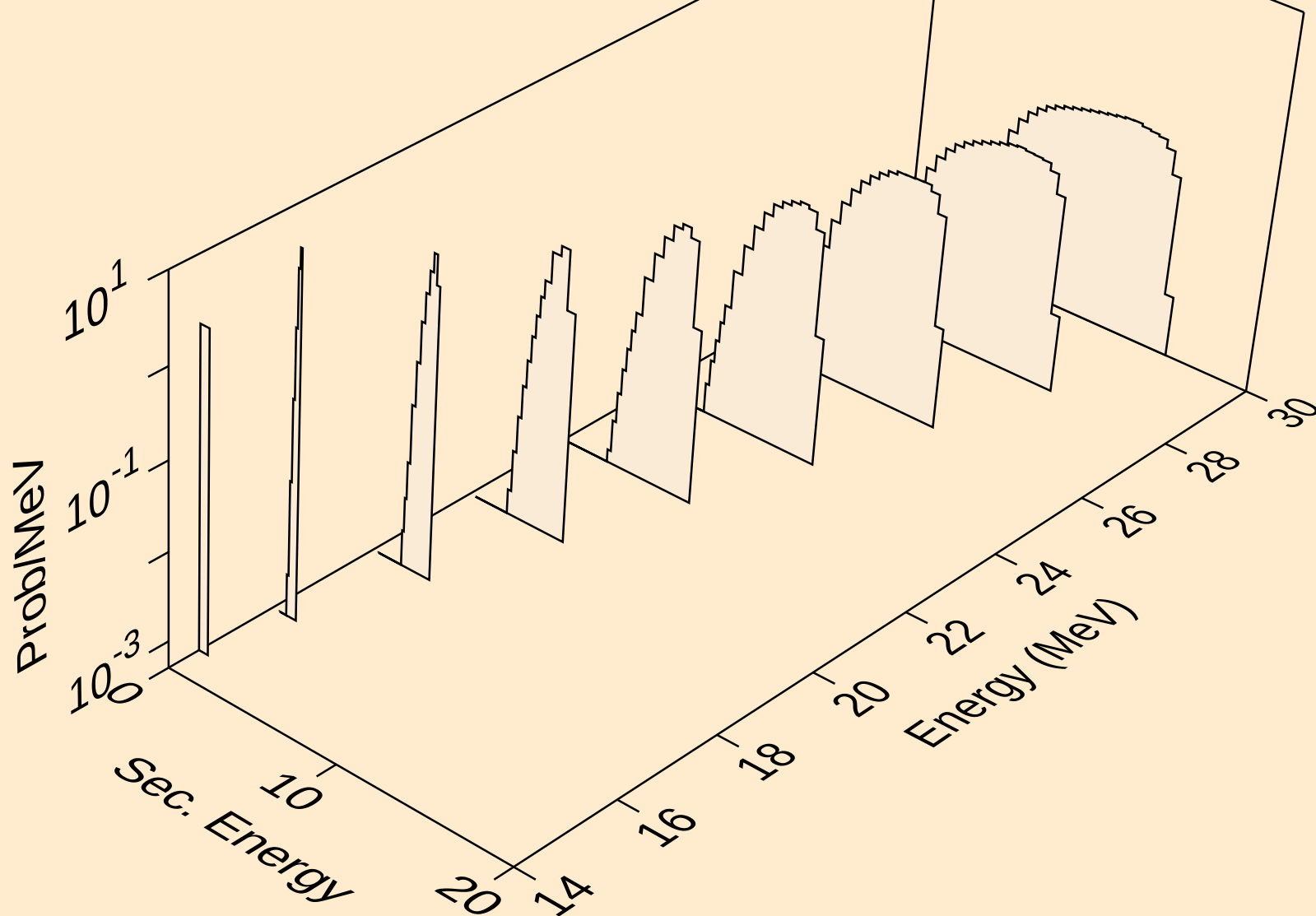
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



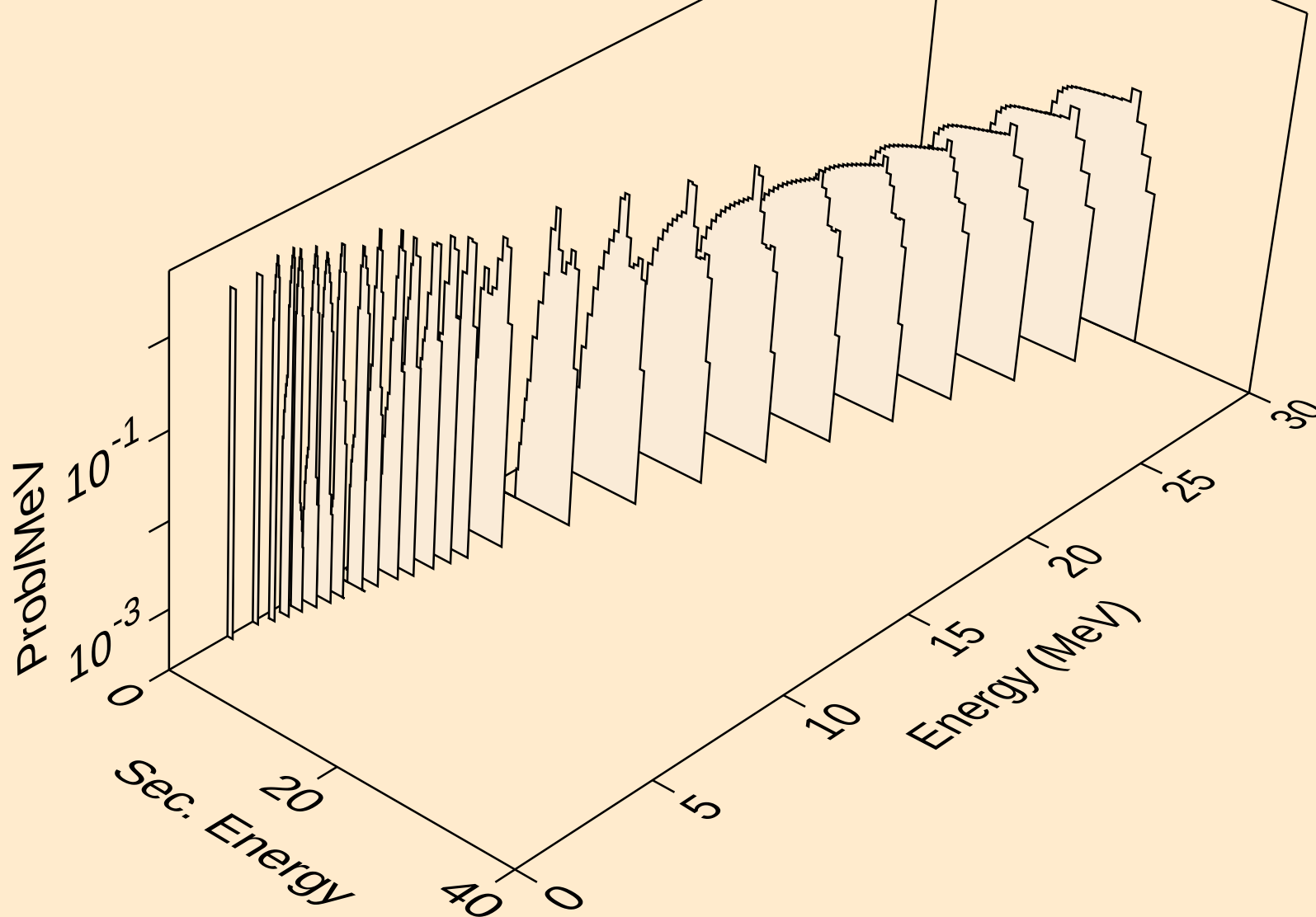
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deuterons from (n,2nd)



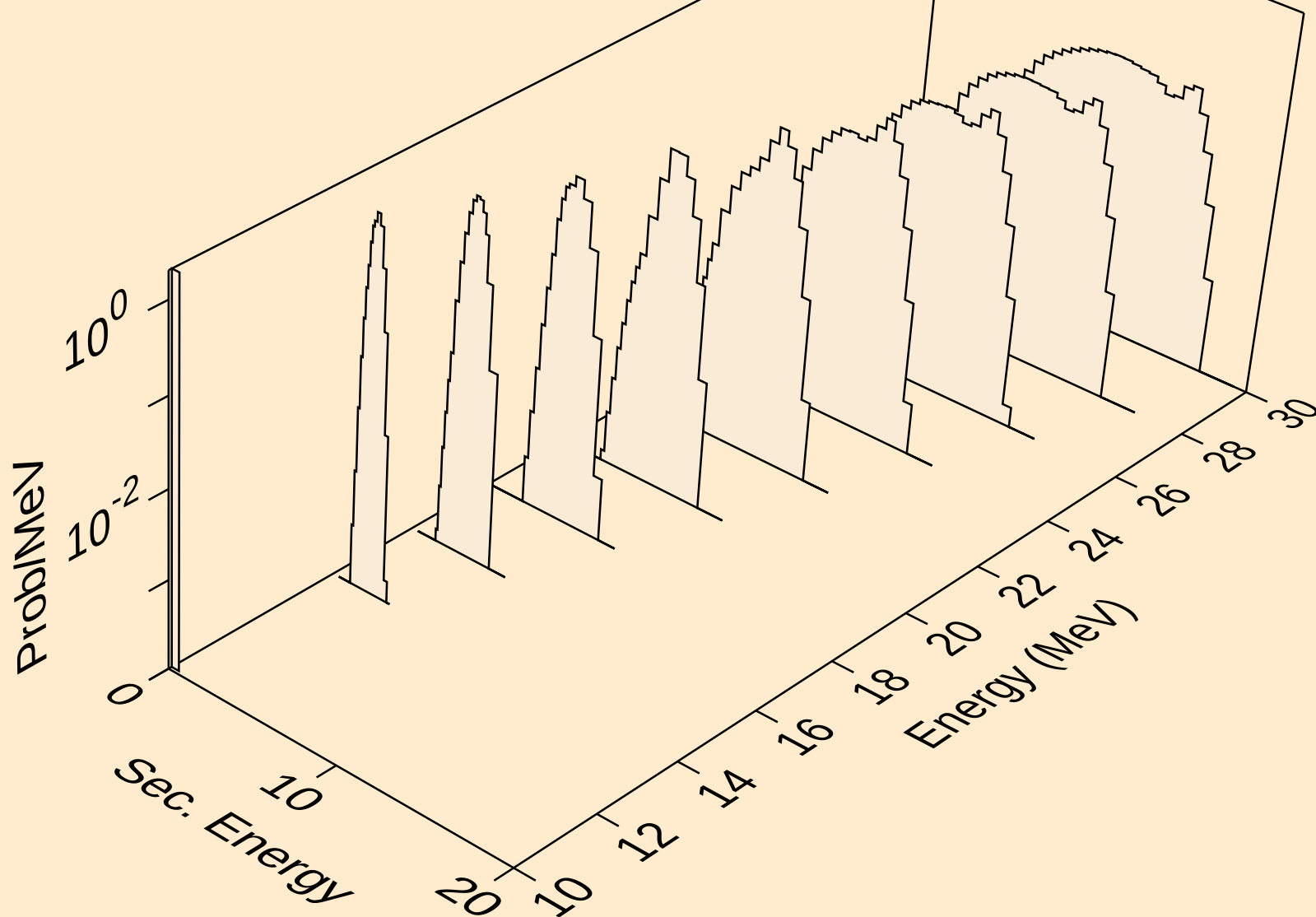
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deuterons from (n,n*)d



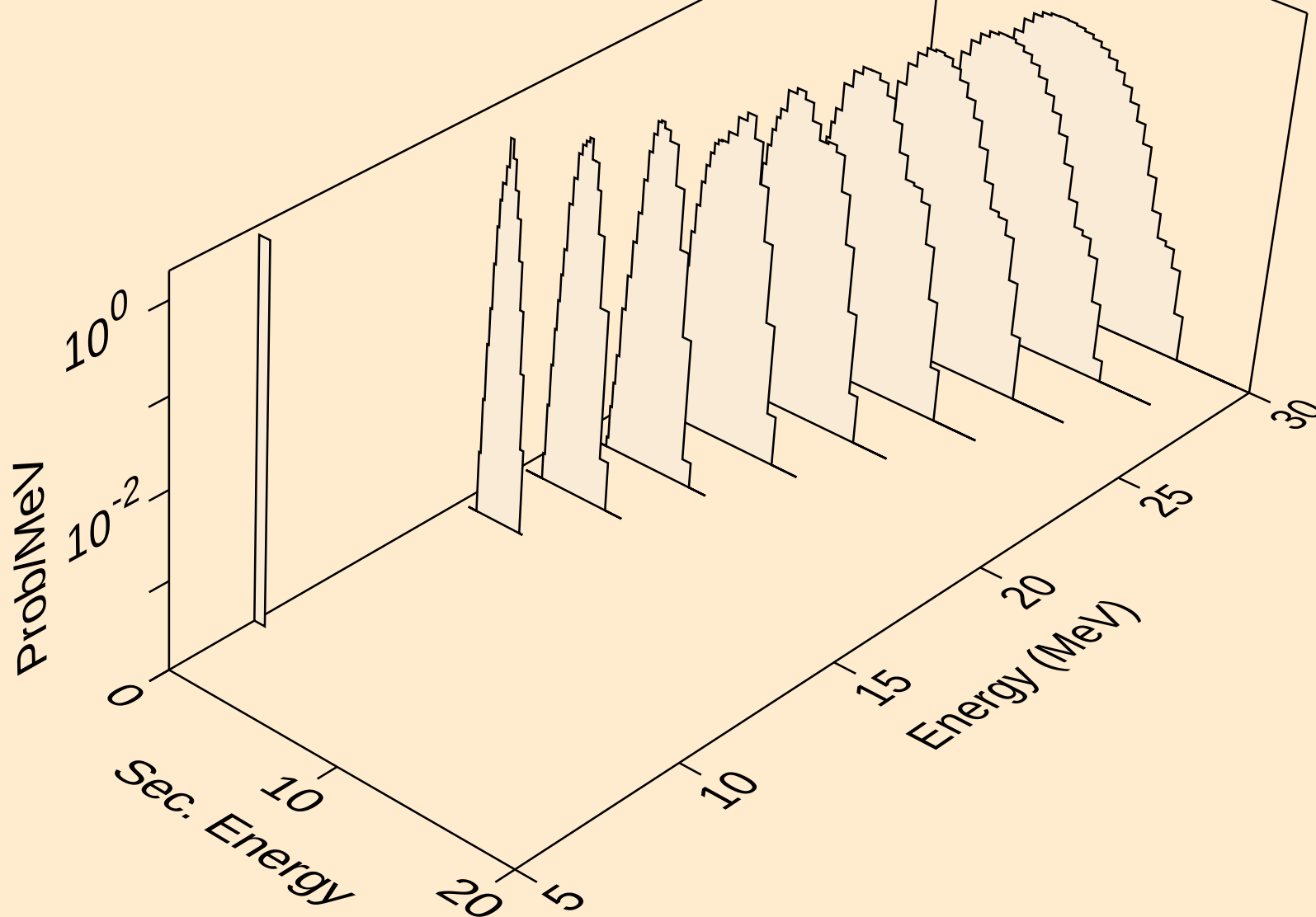
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deuterons from (n,d)



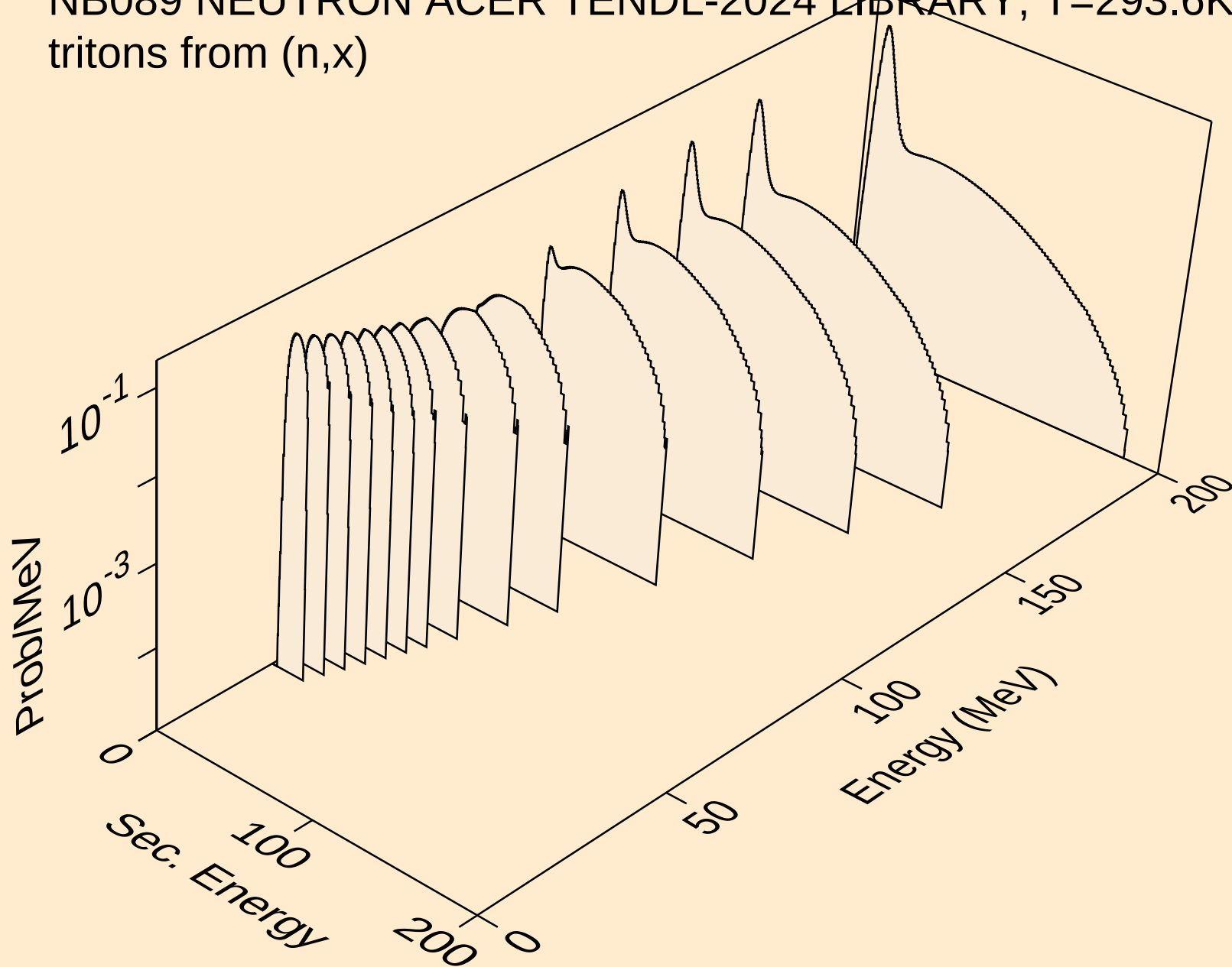
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deuterons from (n,pd)



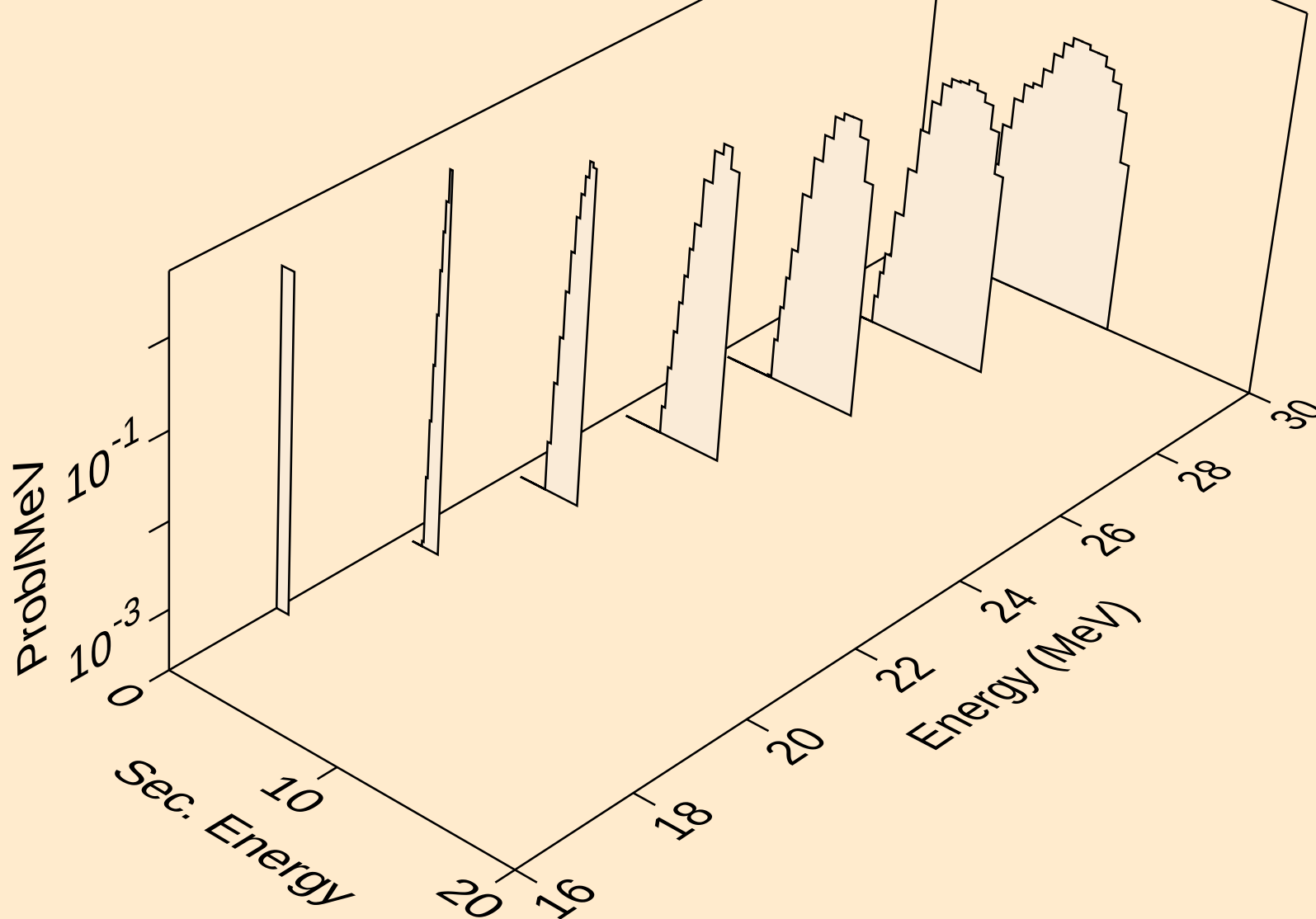
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deuterons from (n,da)



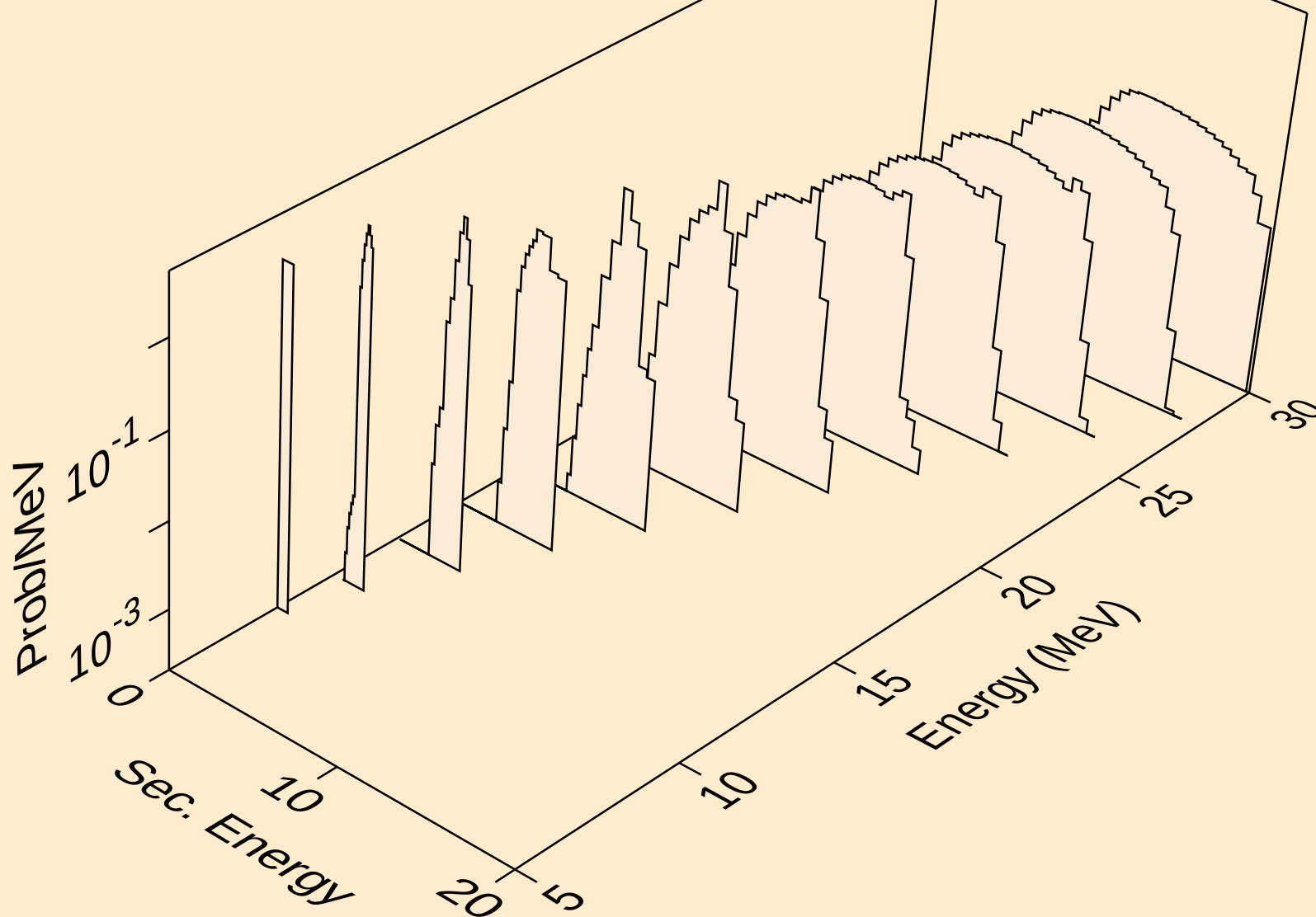
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



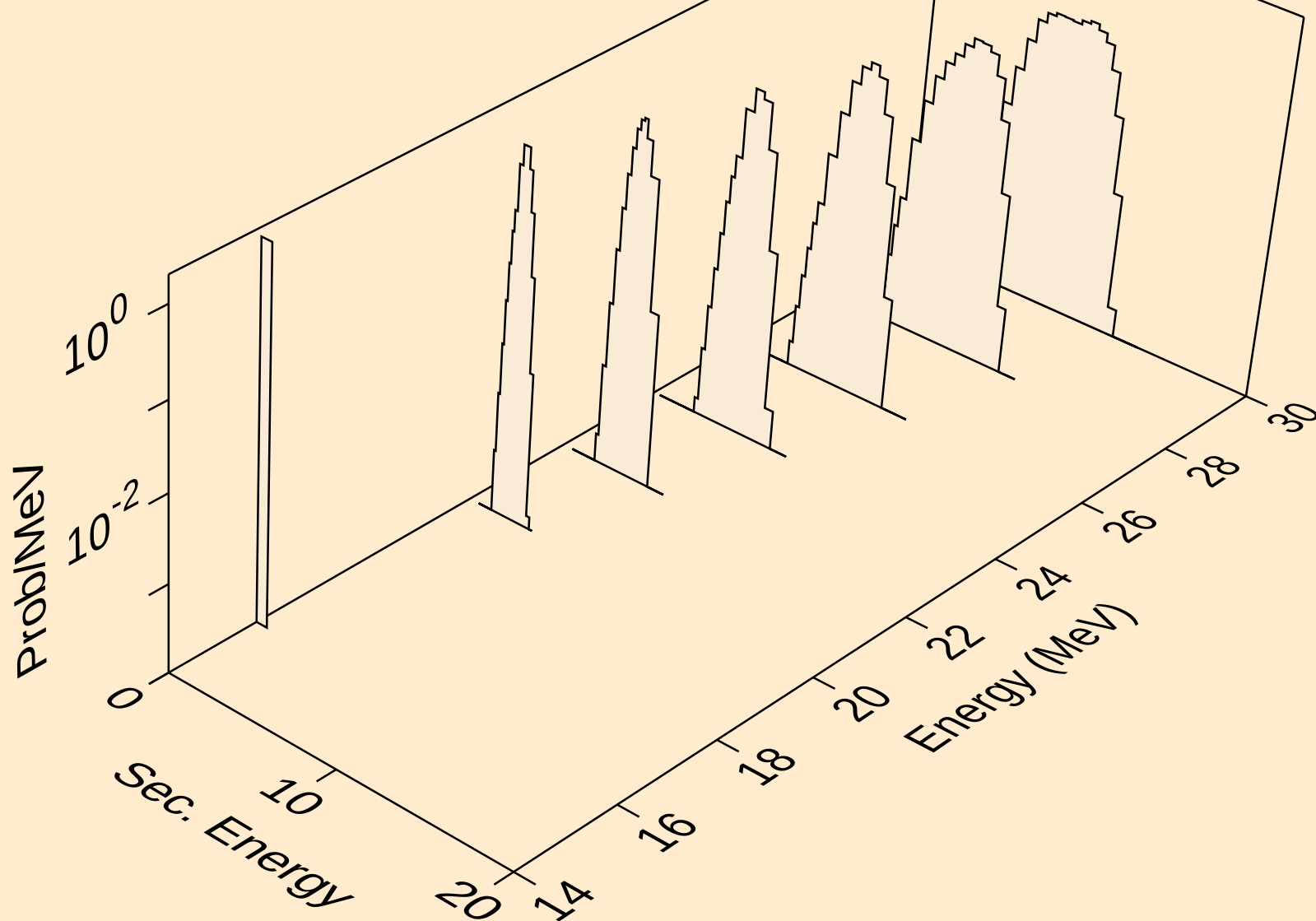
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



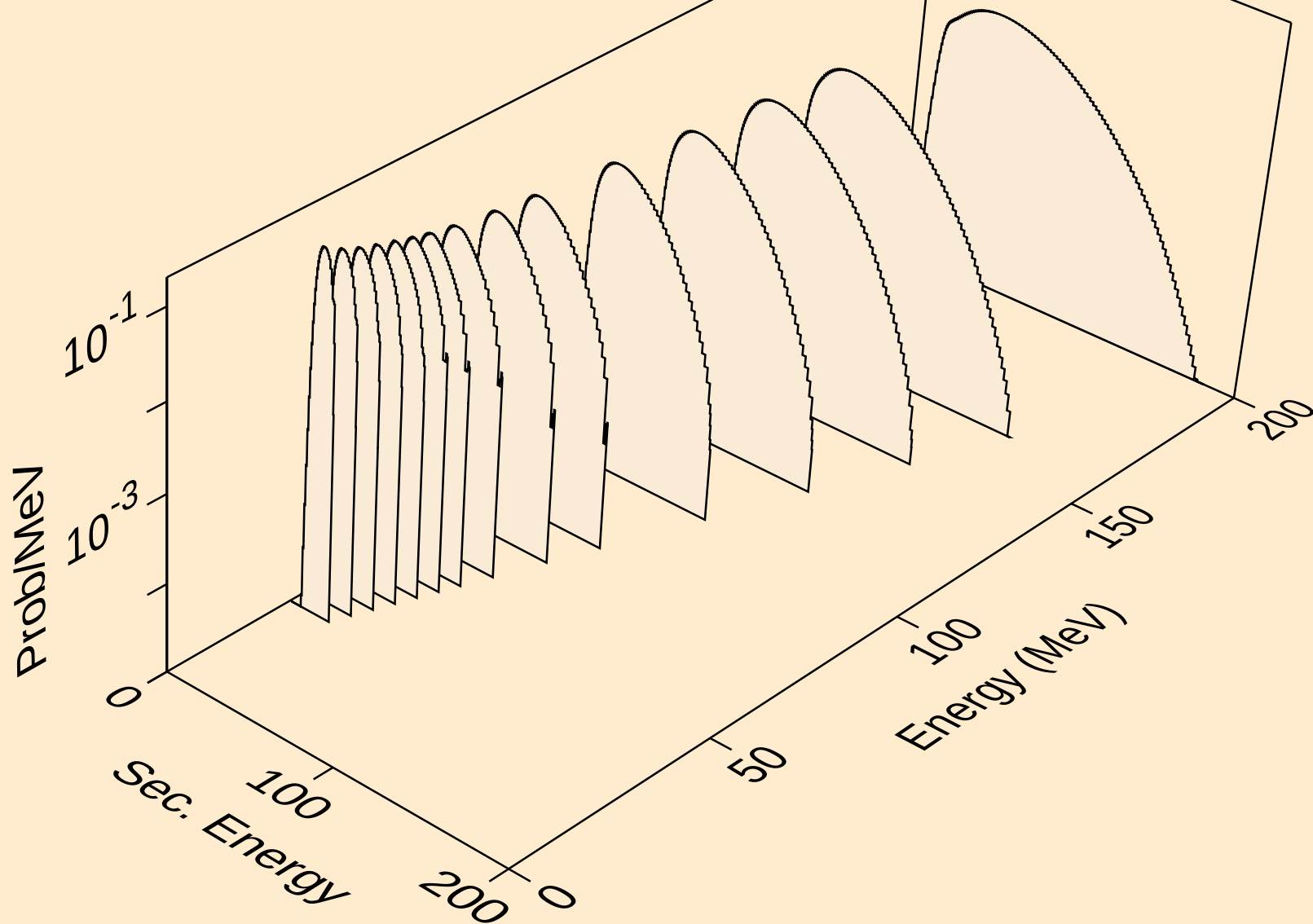
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tritons from (n,t)



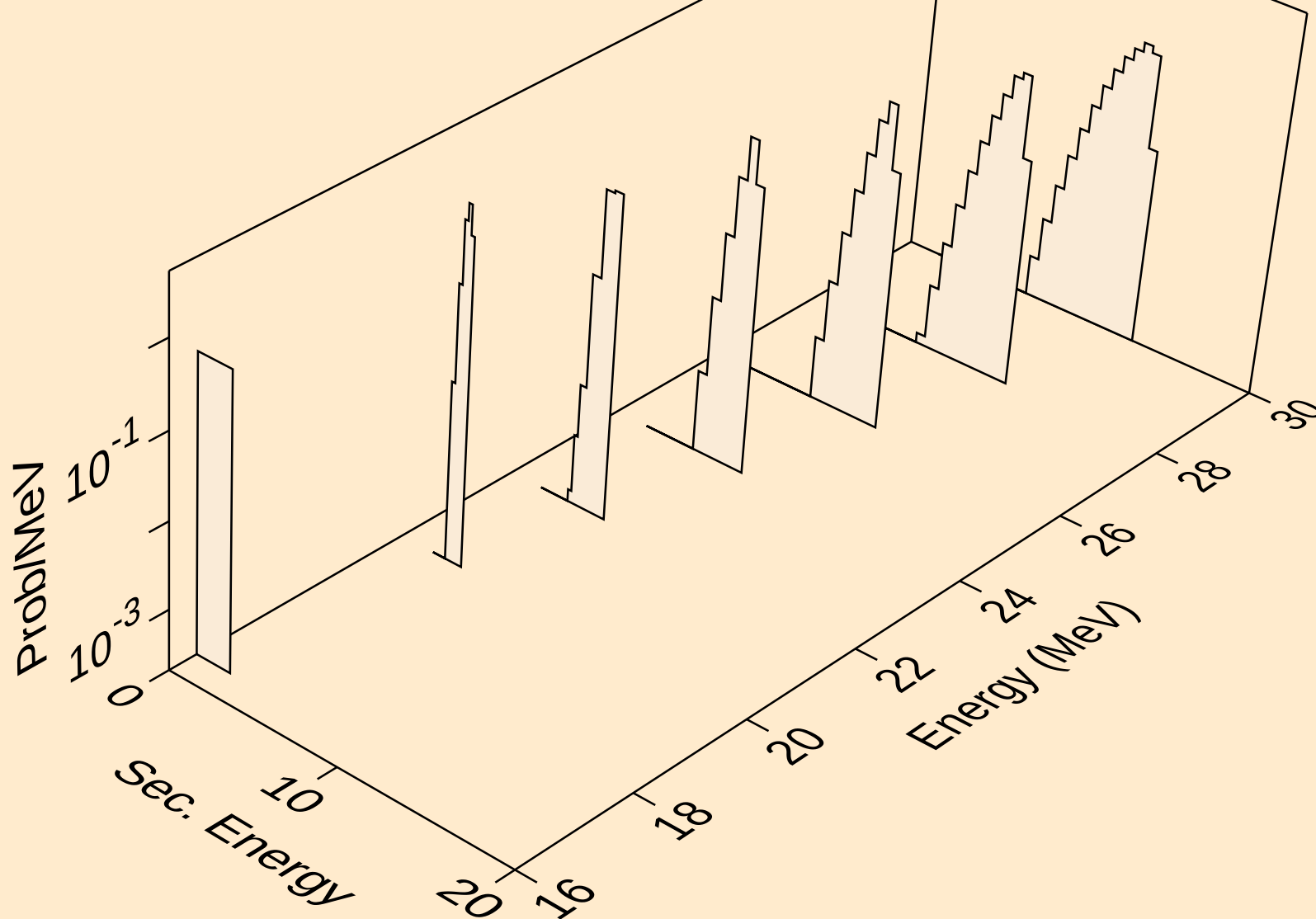
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



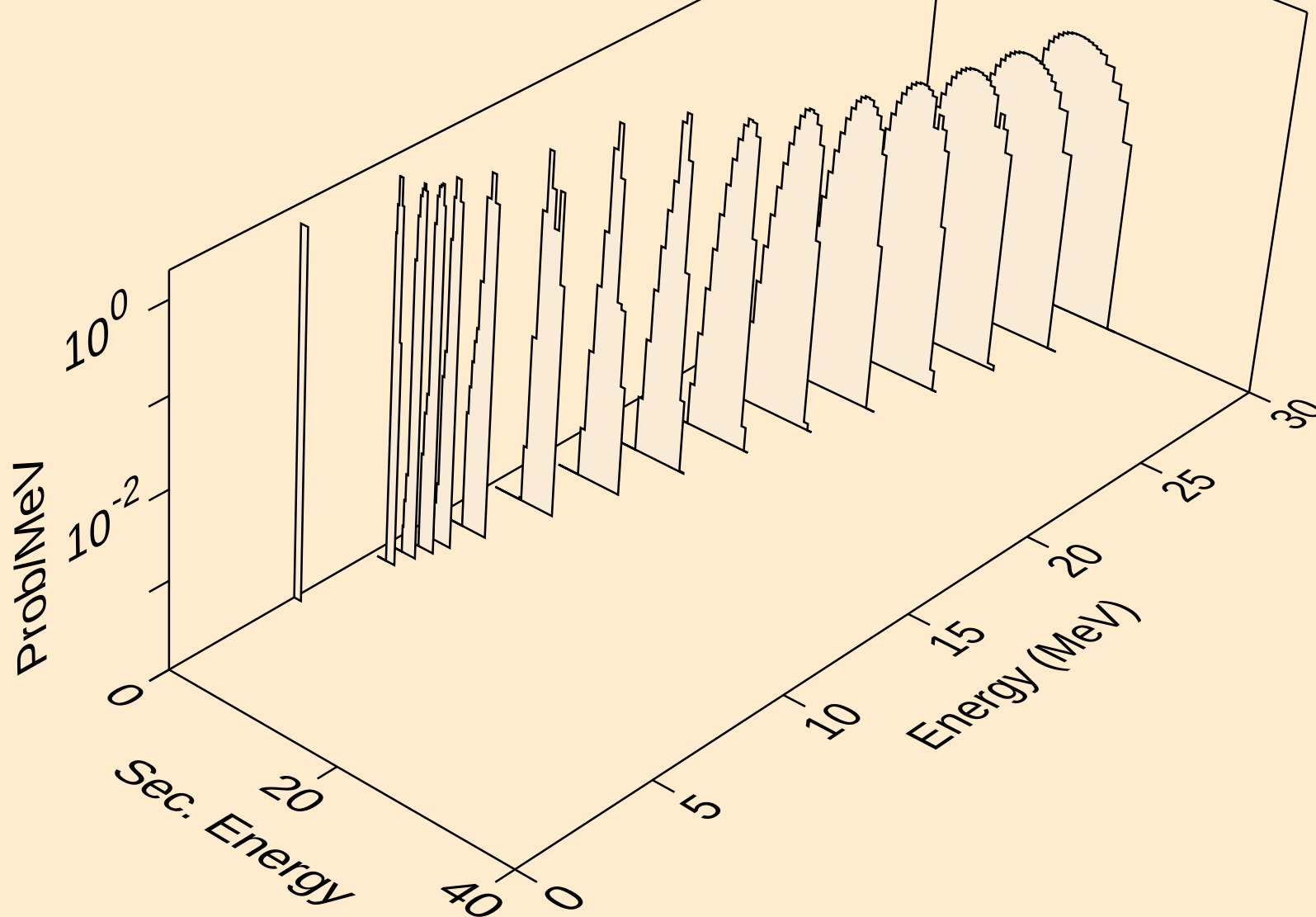
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



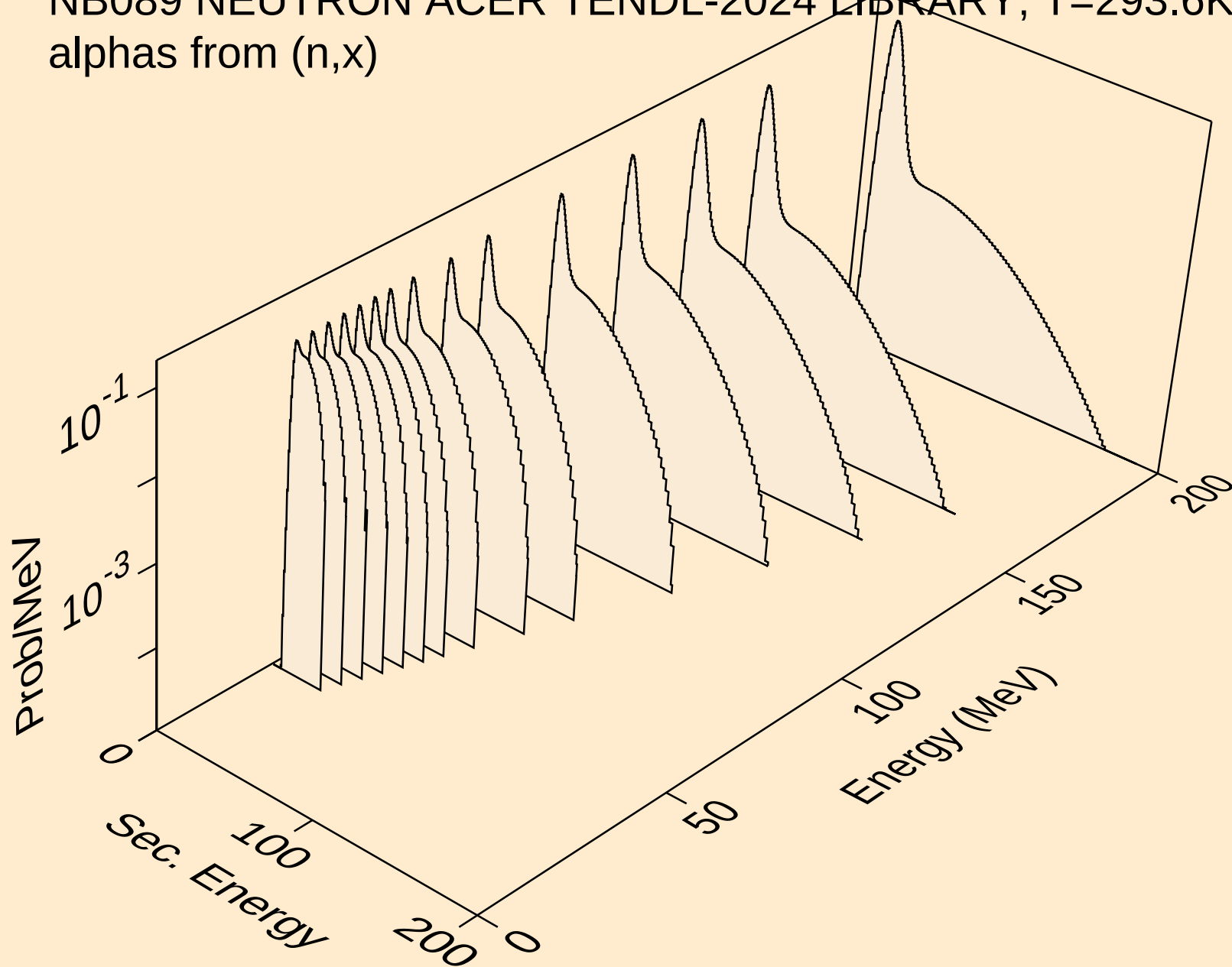
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



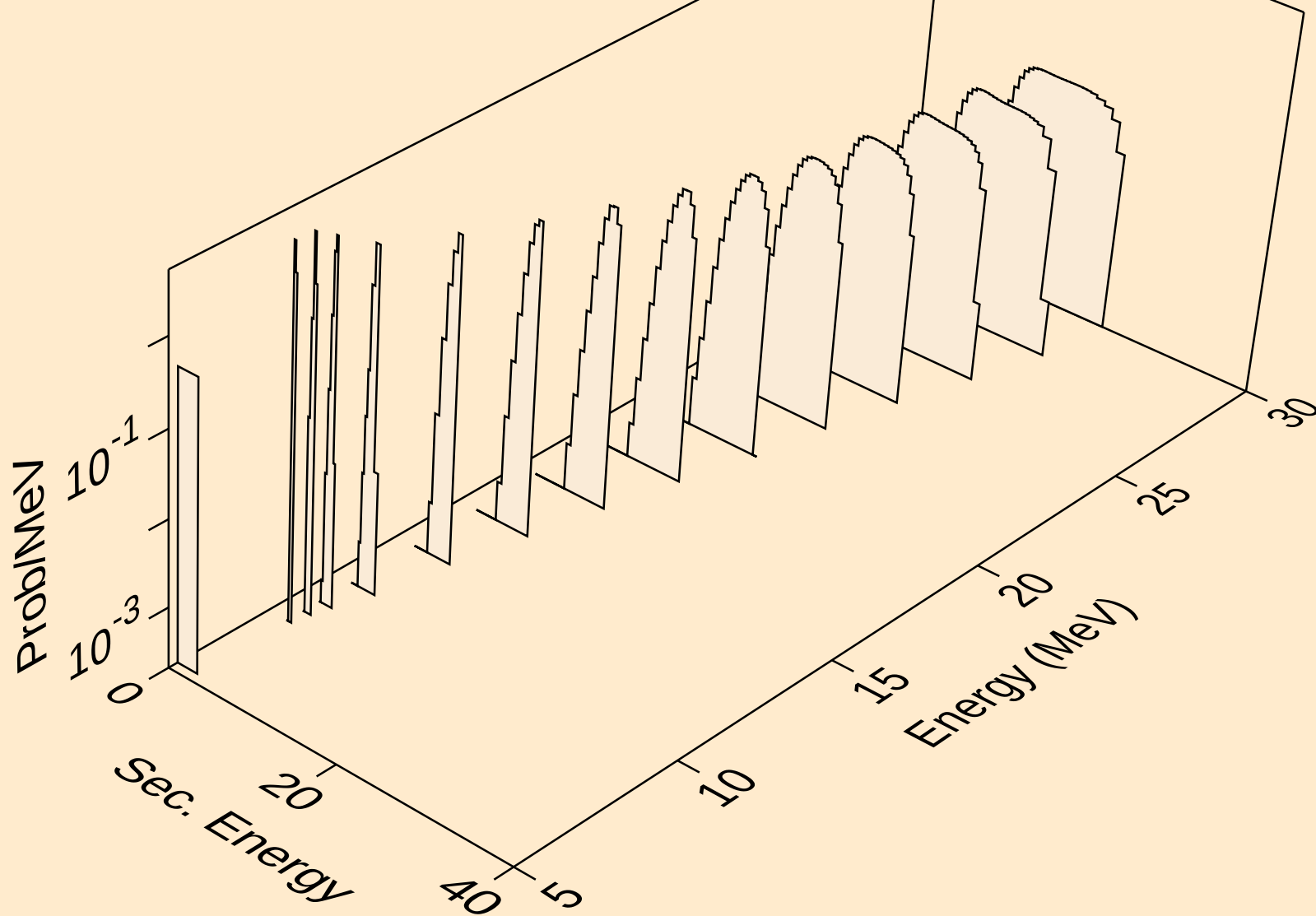
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he3s from (n,he3)



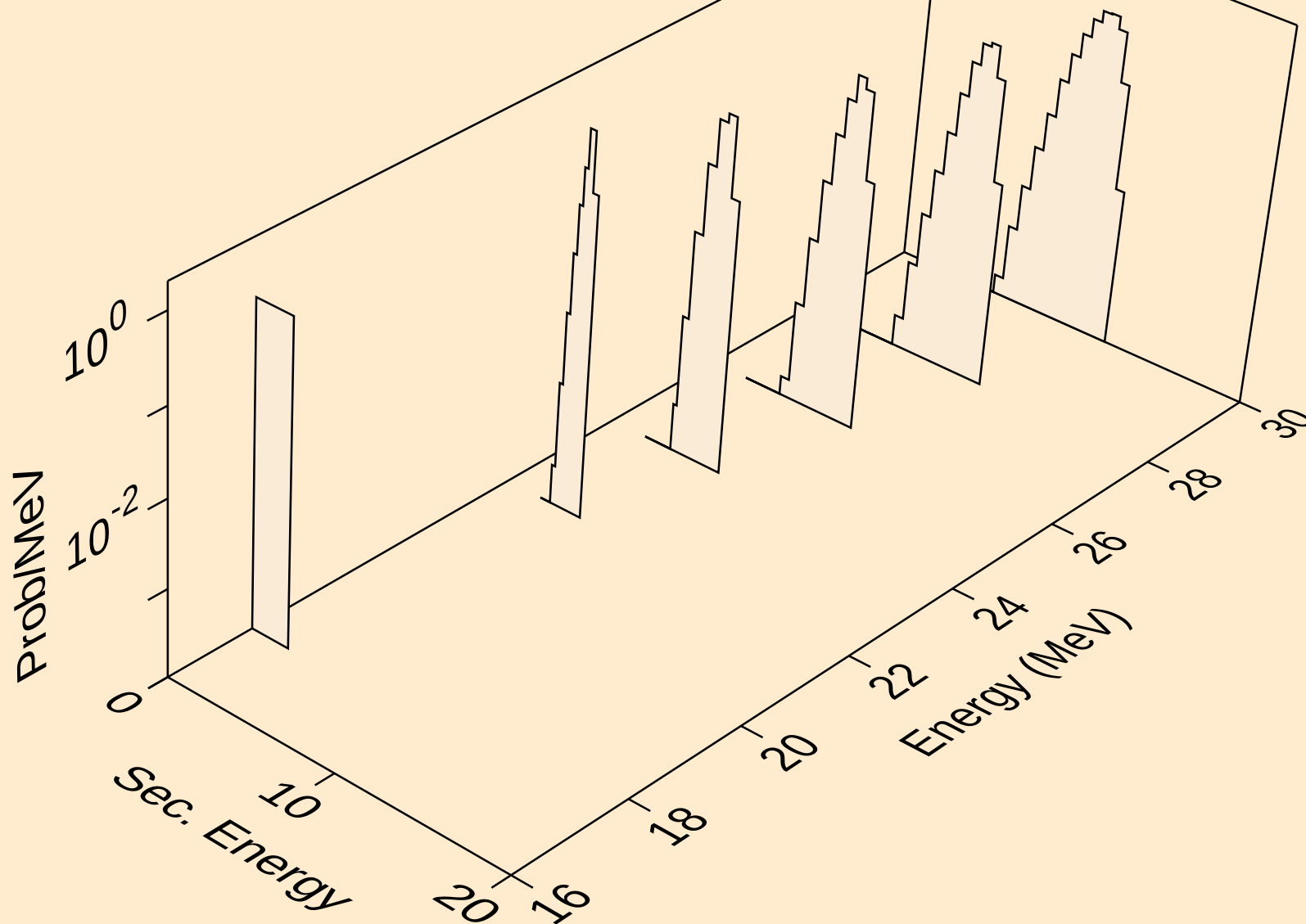
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



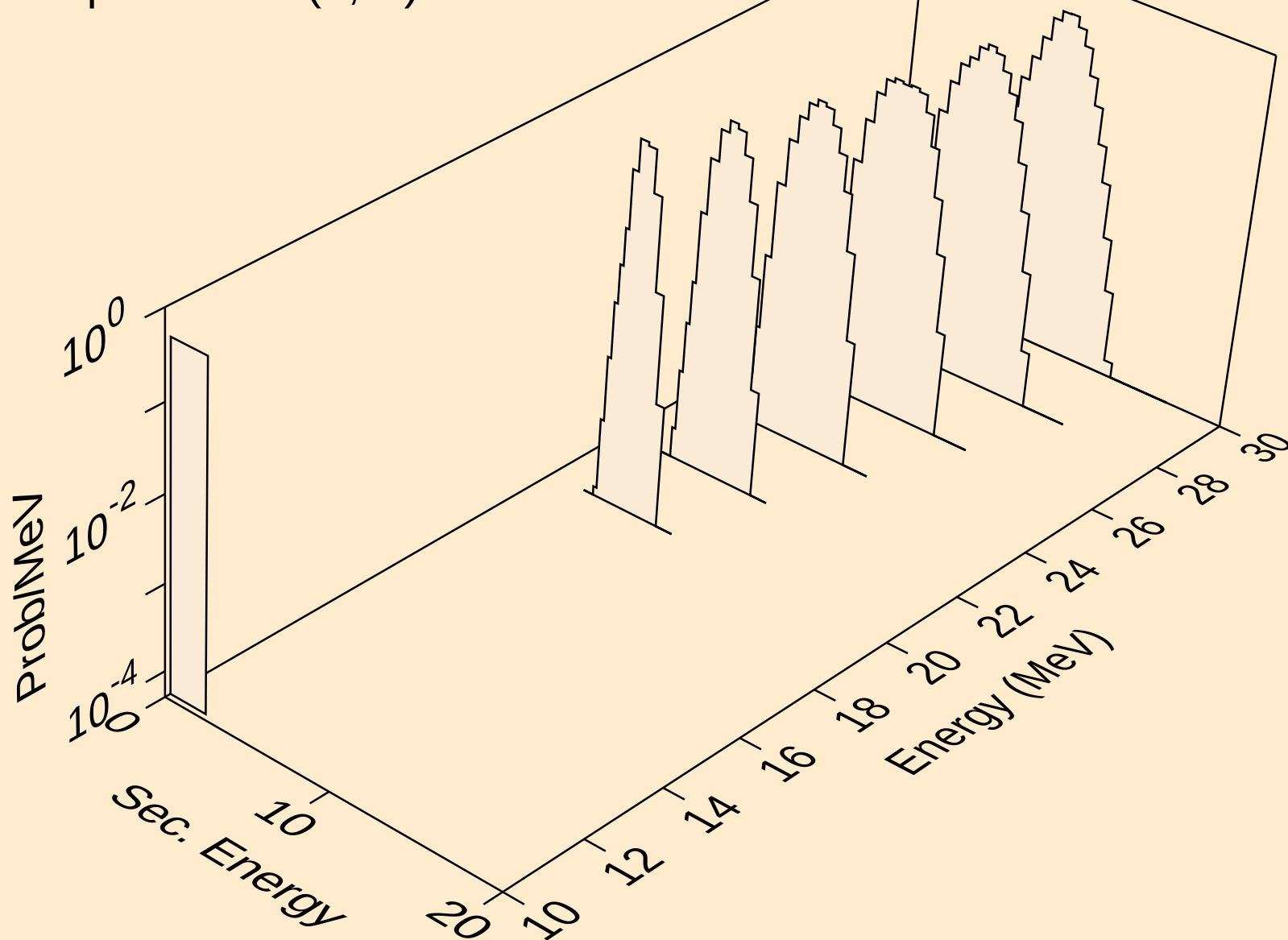
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alphas from (n,n*)a



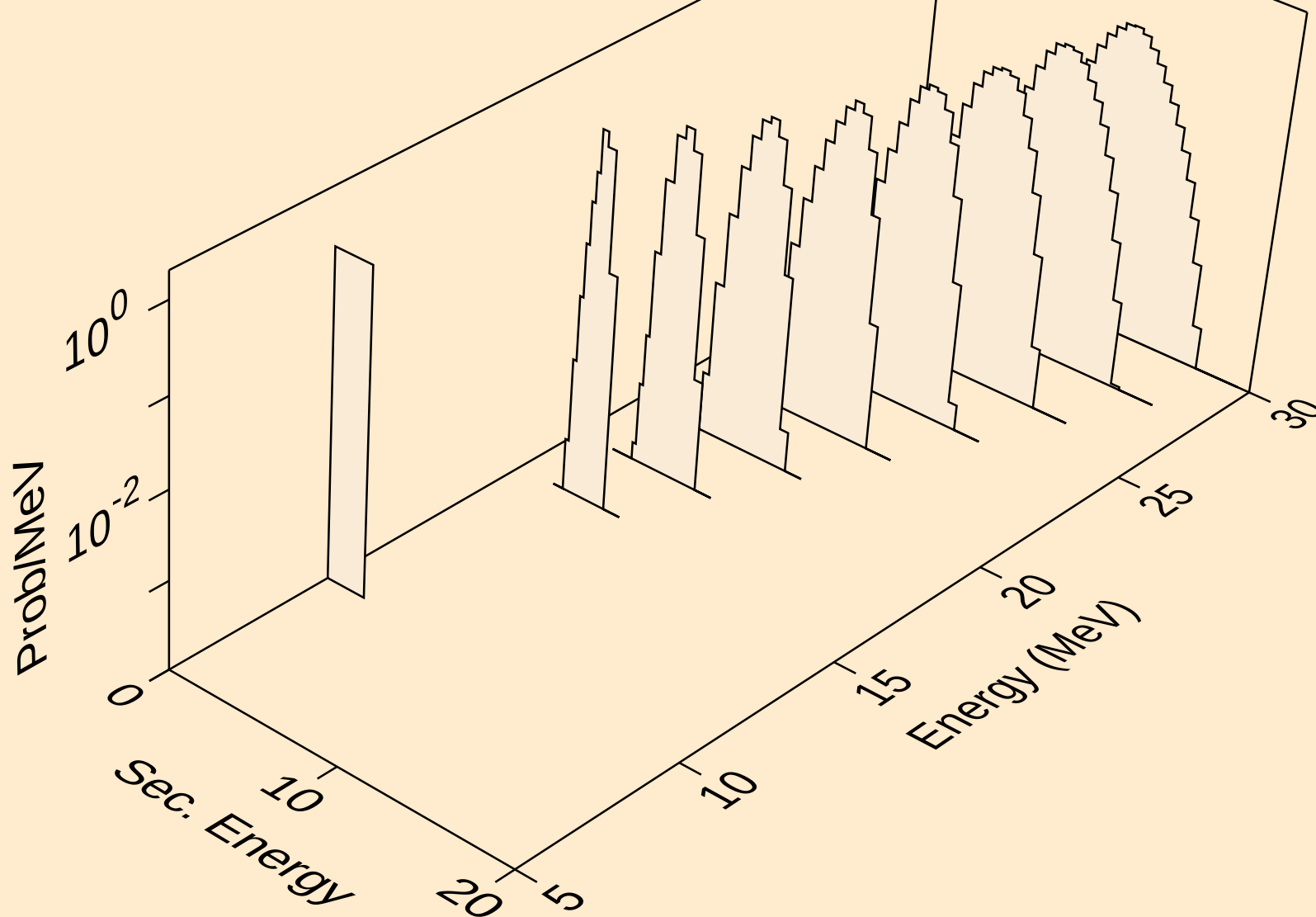
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alphas from (n,2n)a



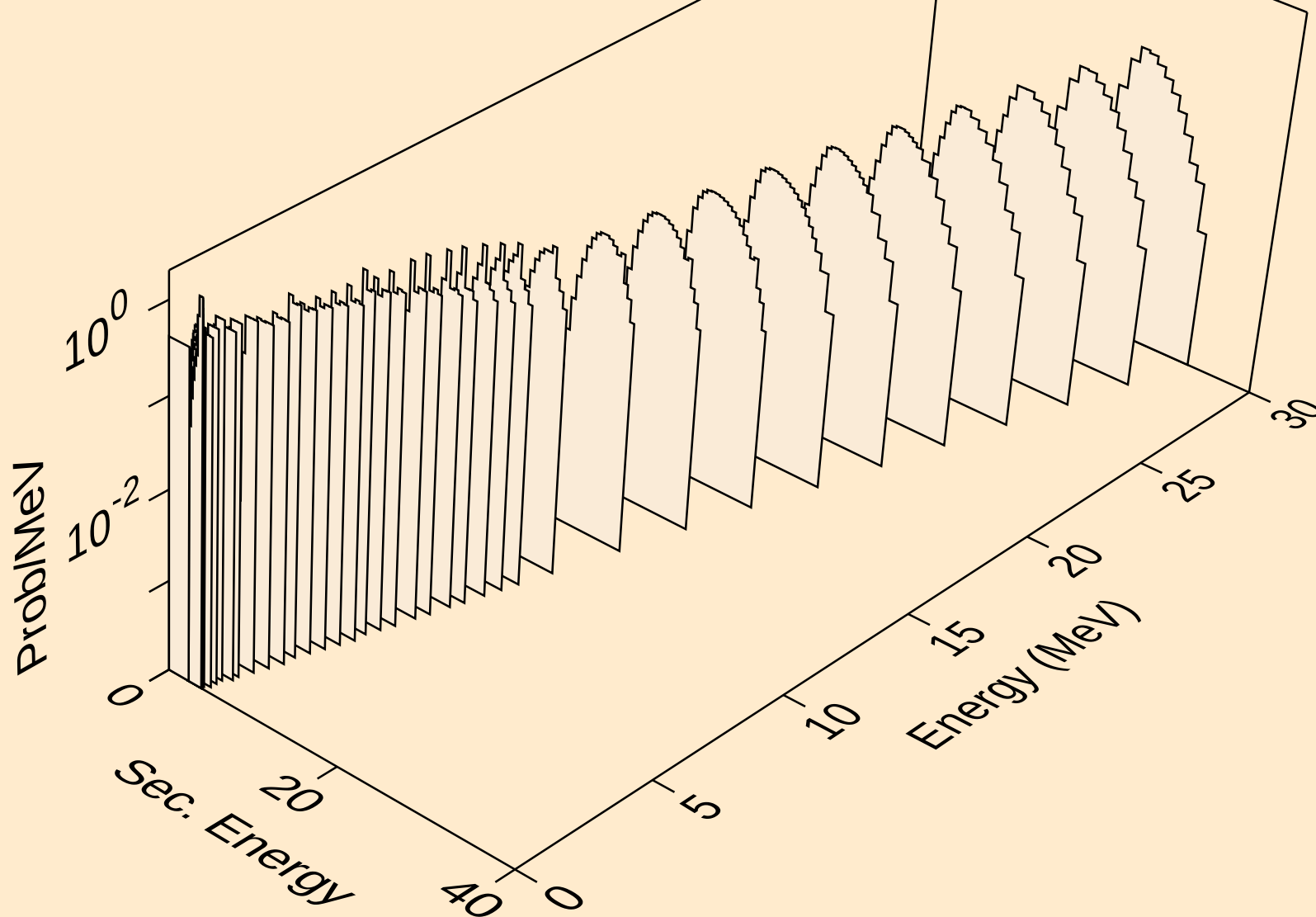
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alphas from (n,n*)2a



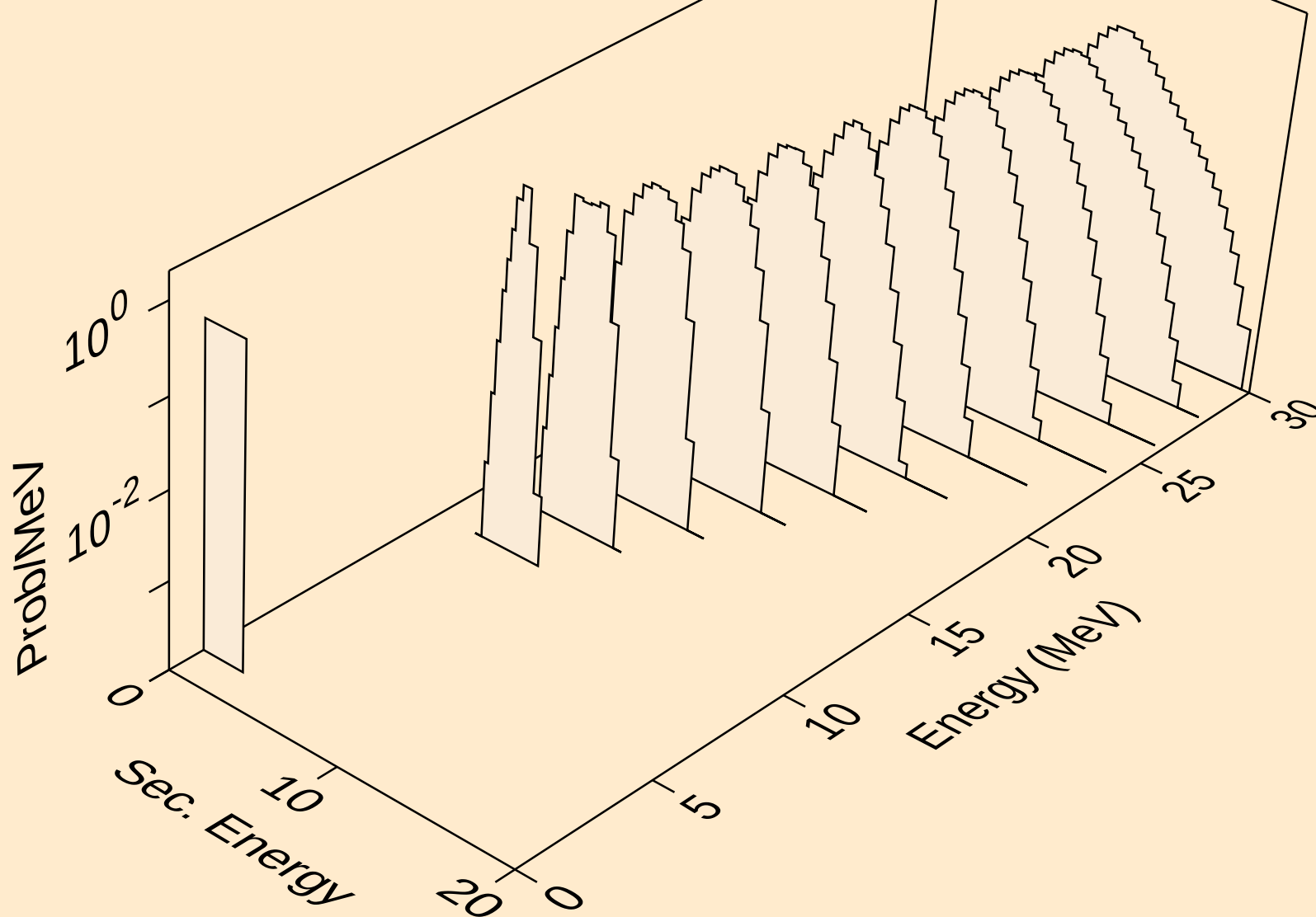
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alphas from (n,npa)



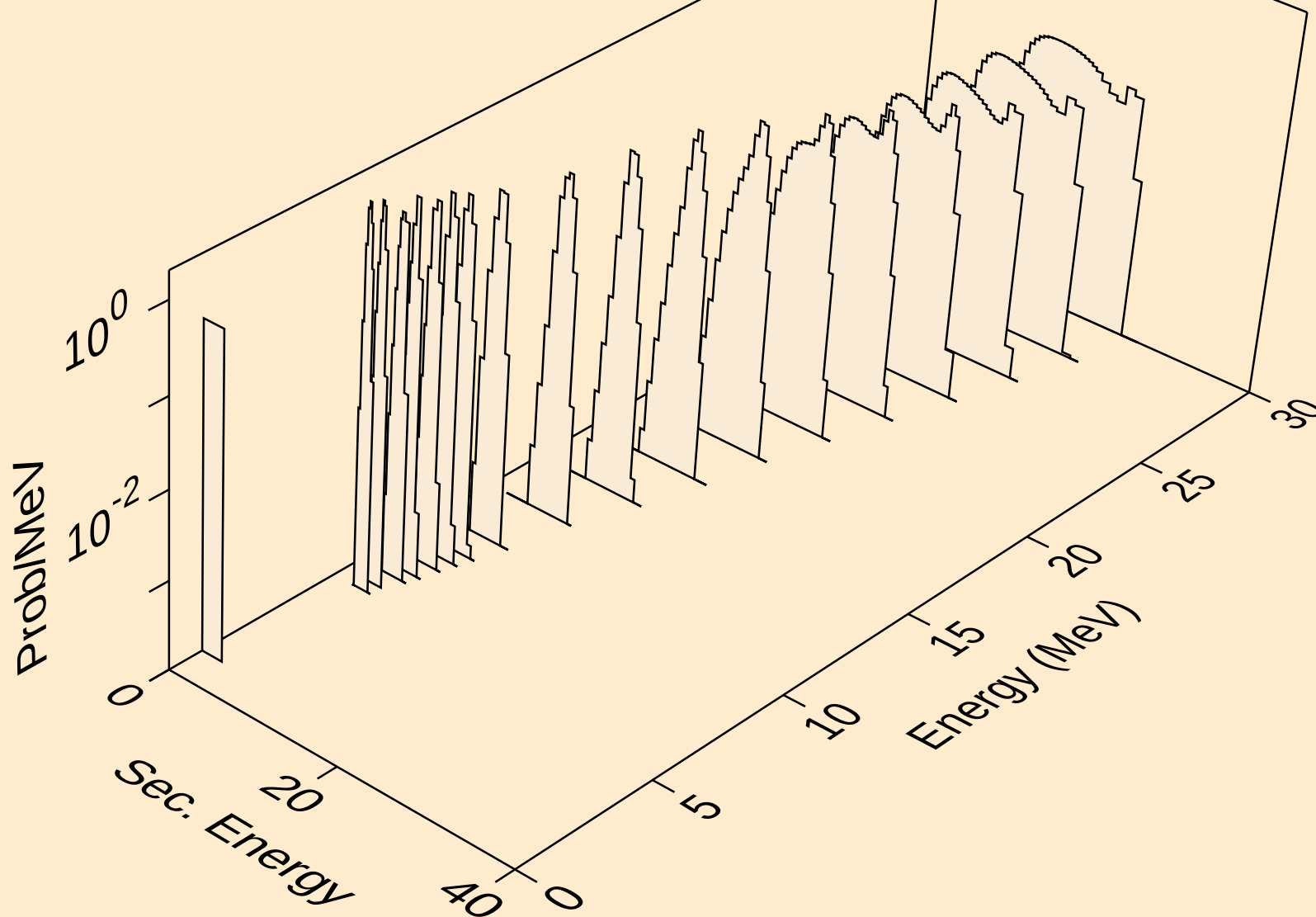
NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,p)



NB089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

