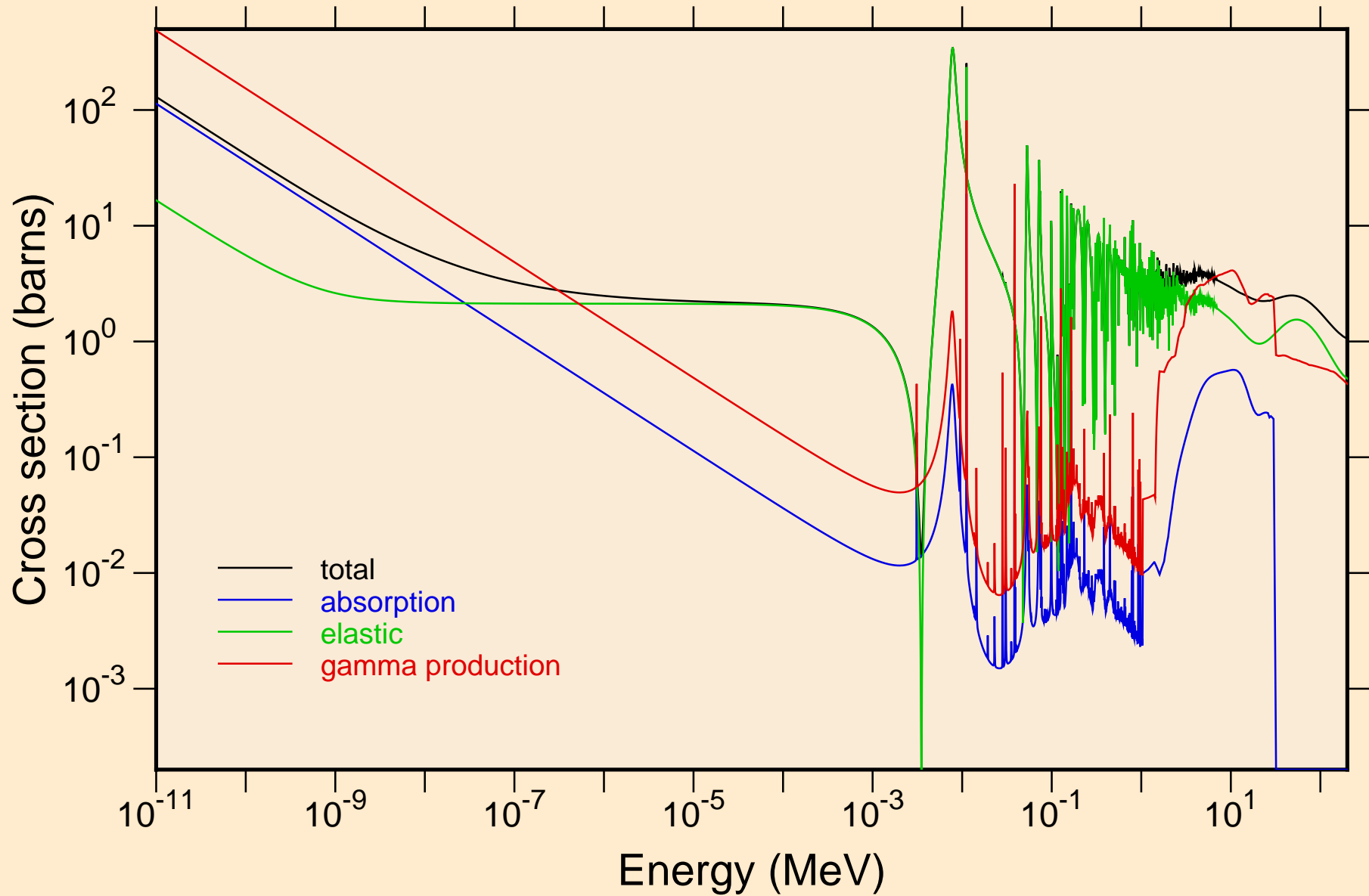
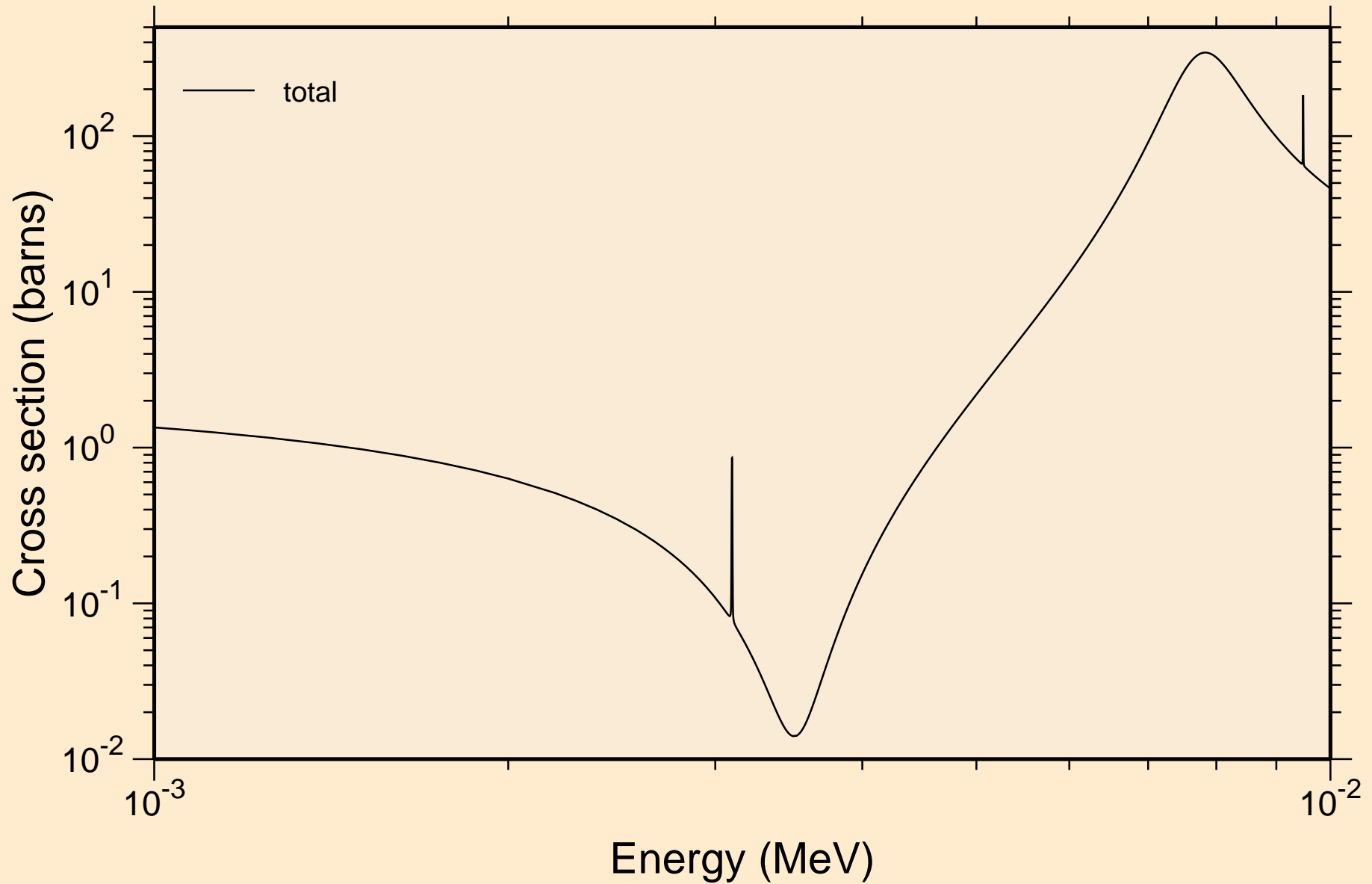


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

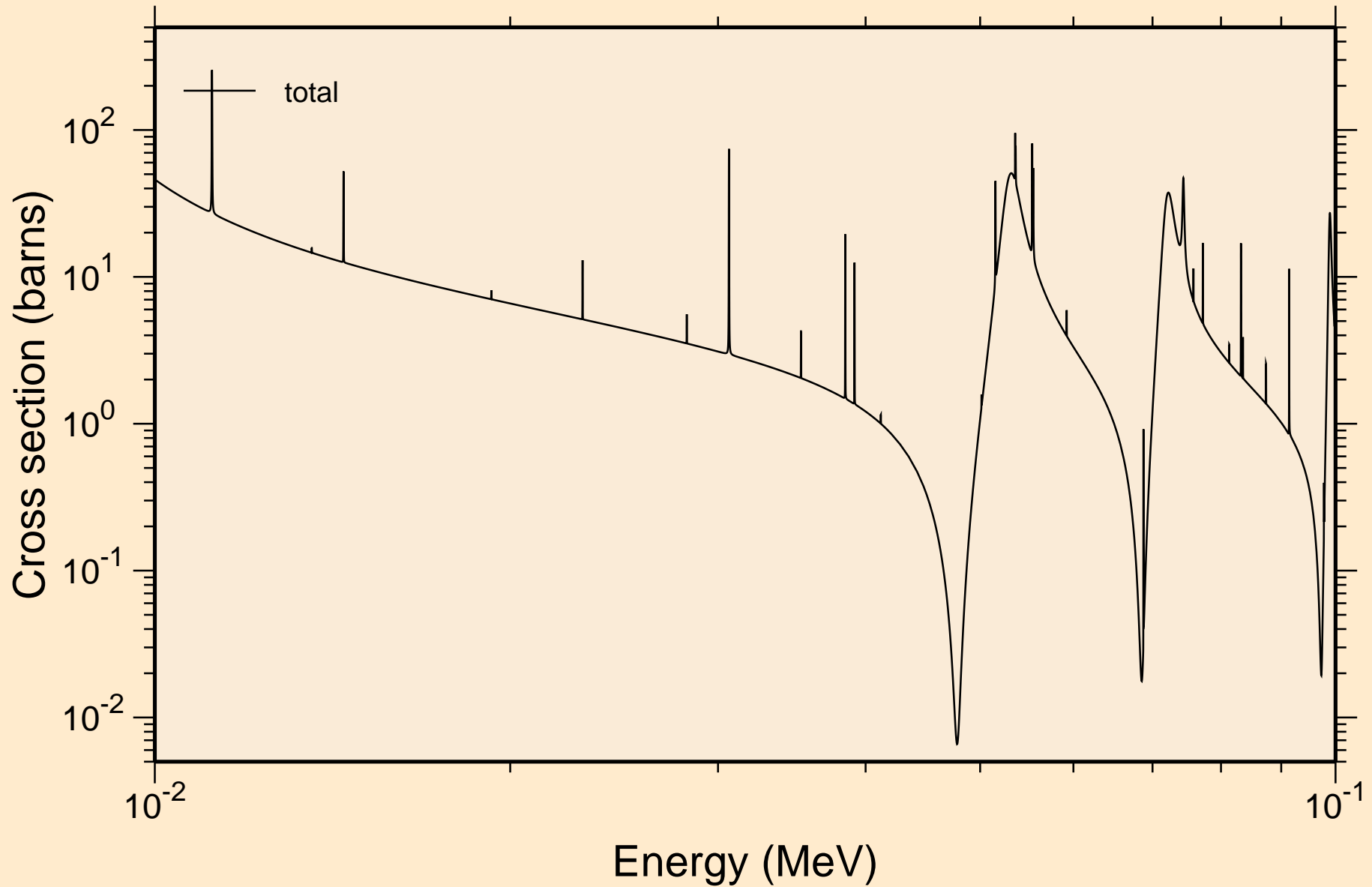
Principal cross sections



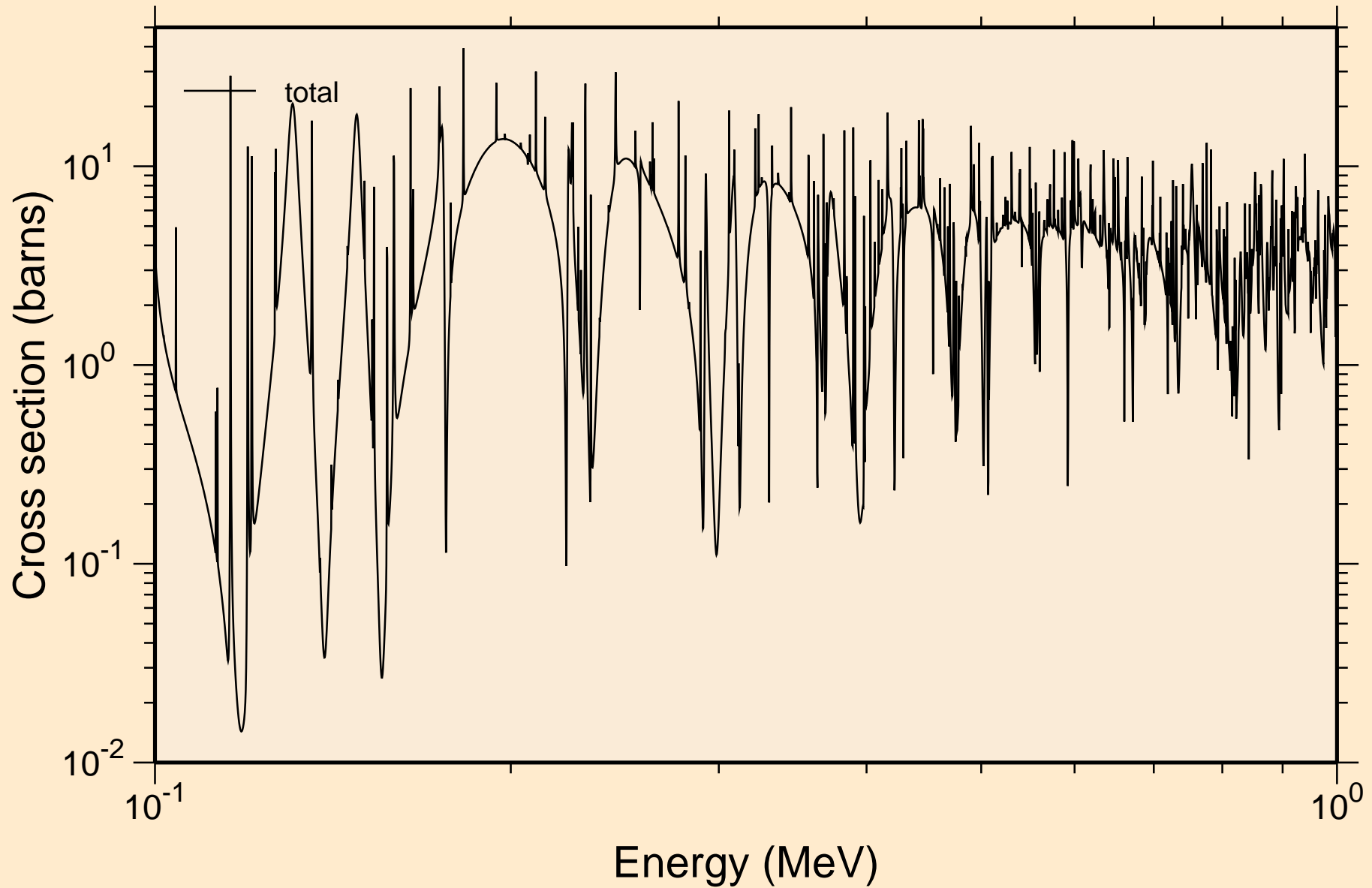
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



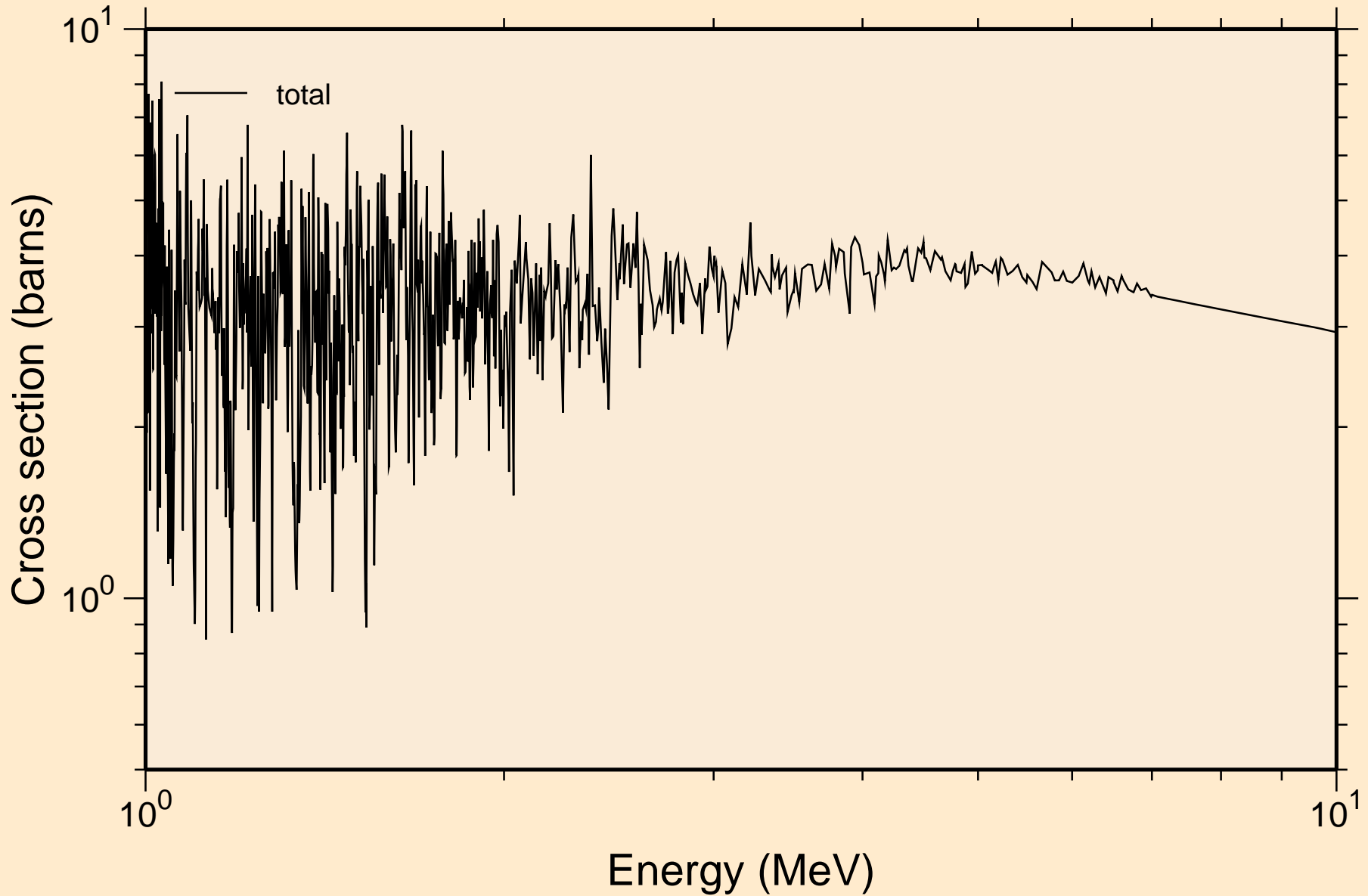
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



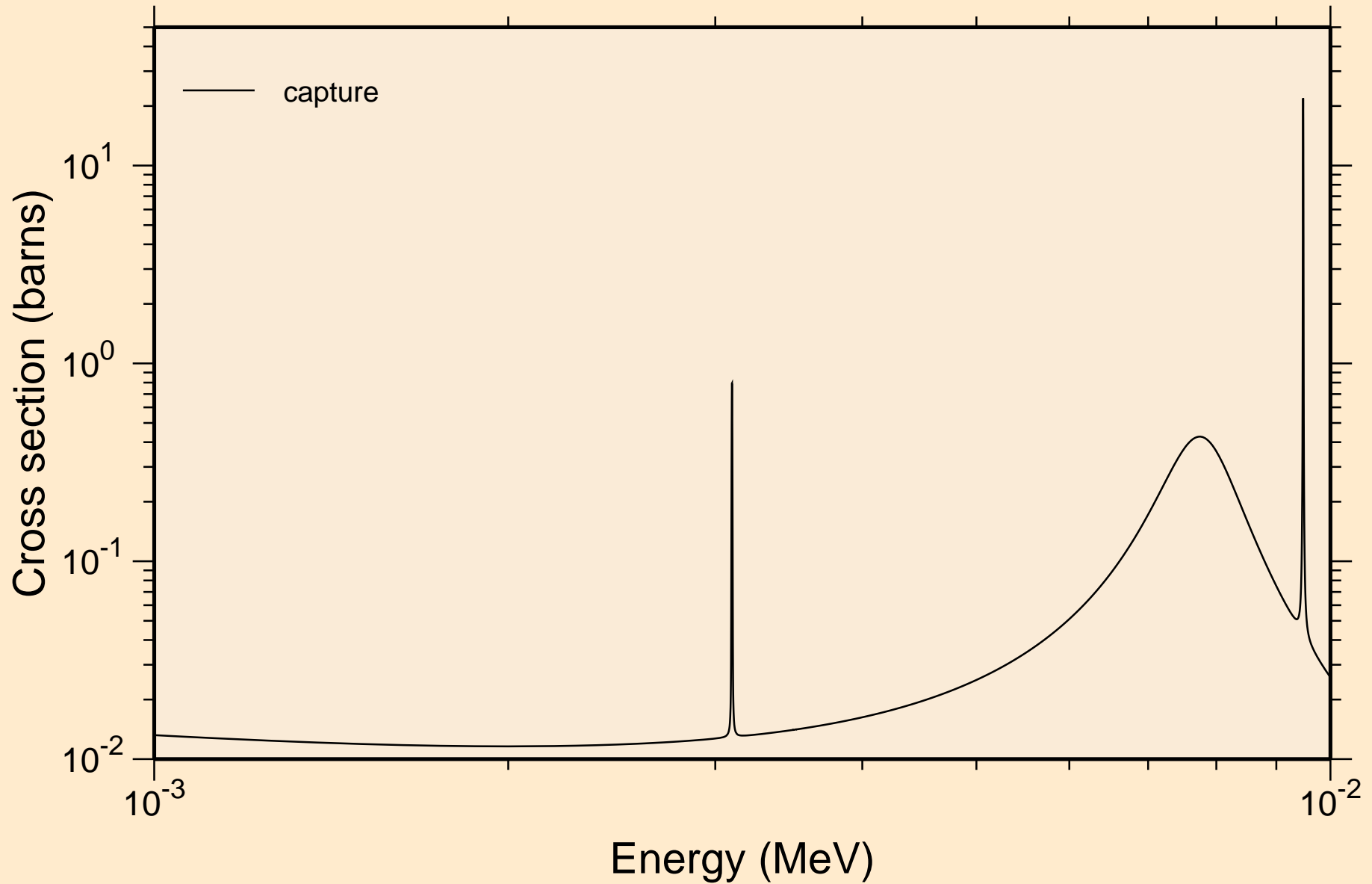
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



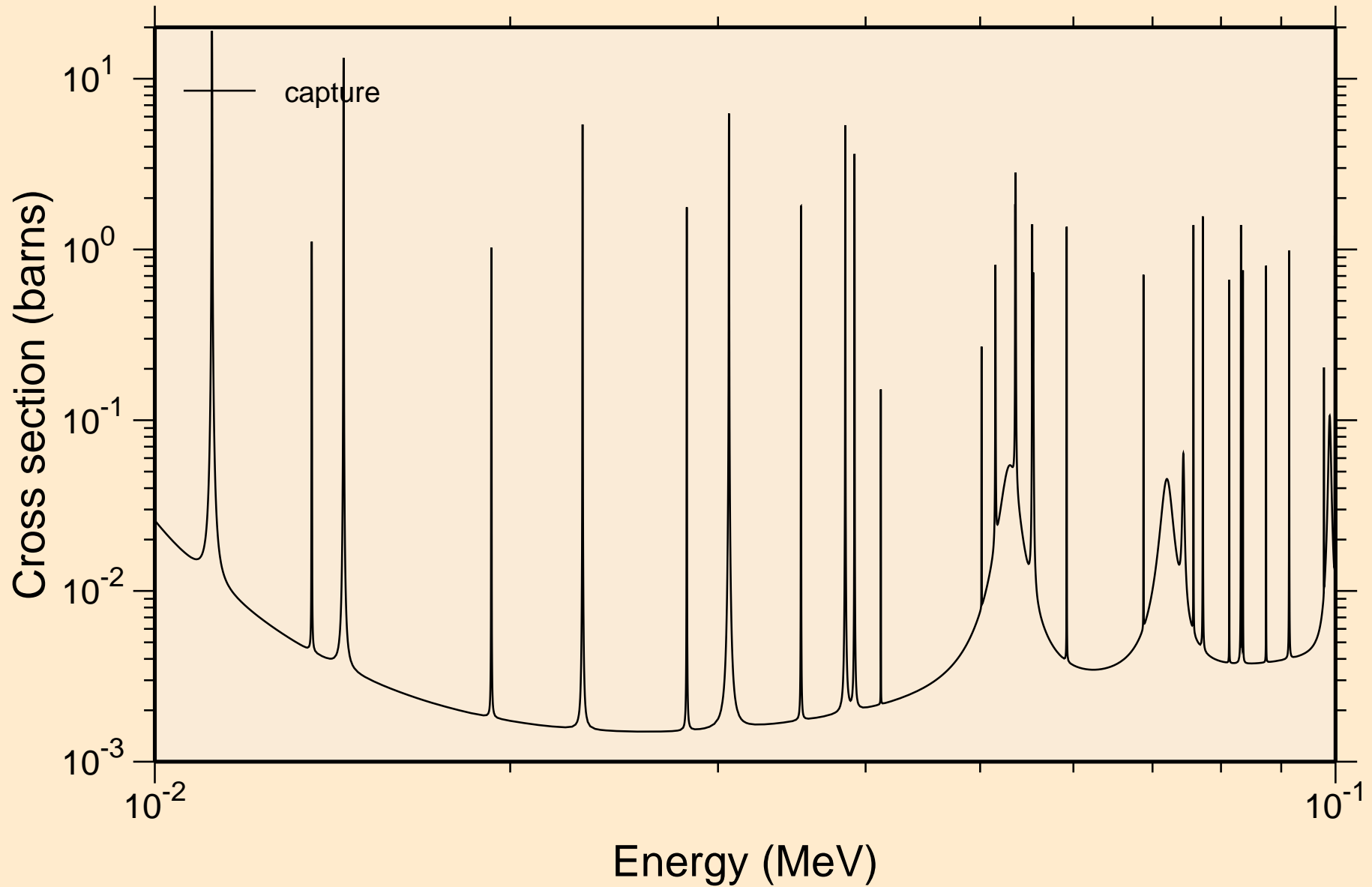
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



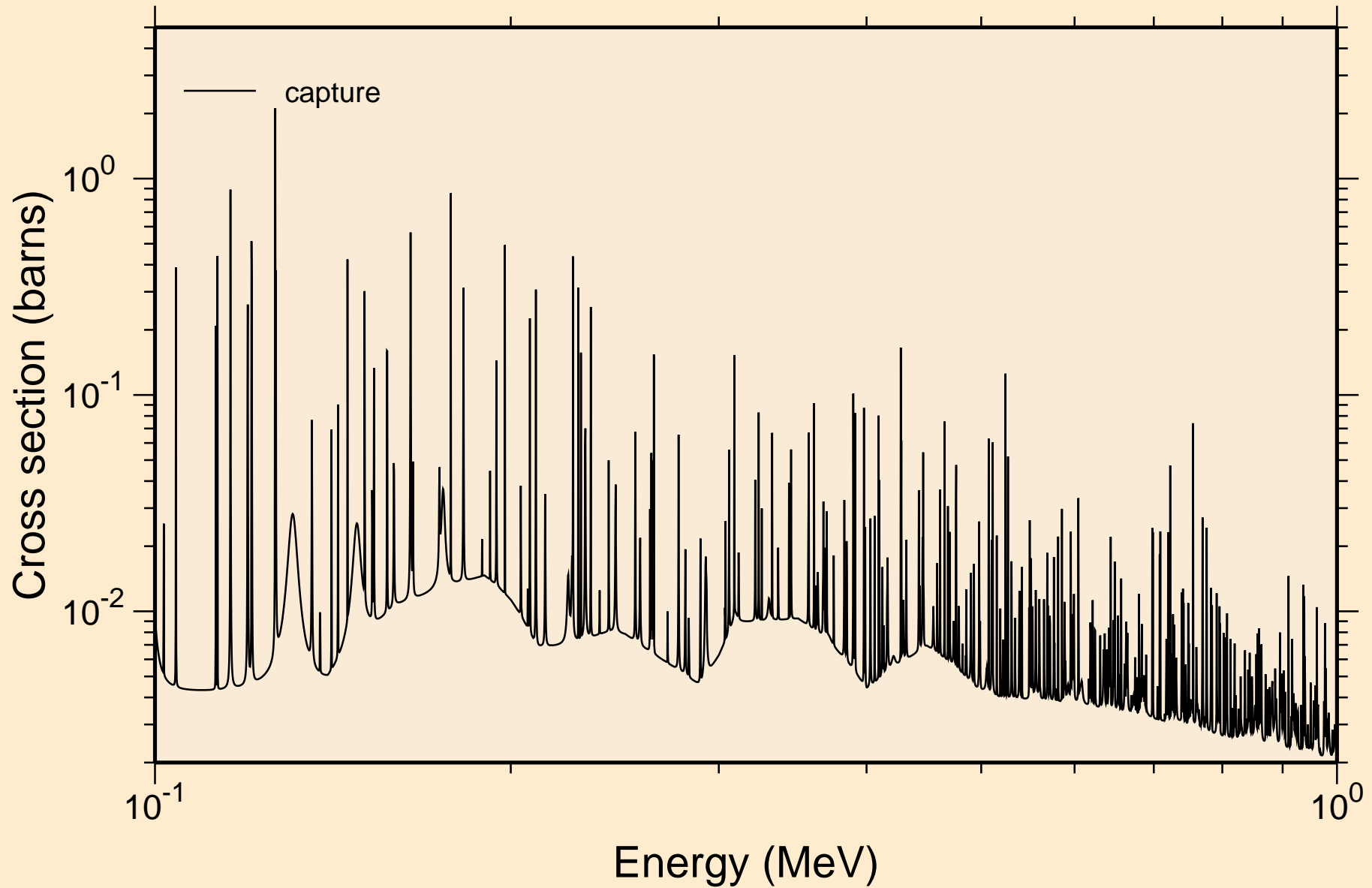
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resonance absorption cross sections



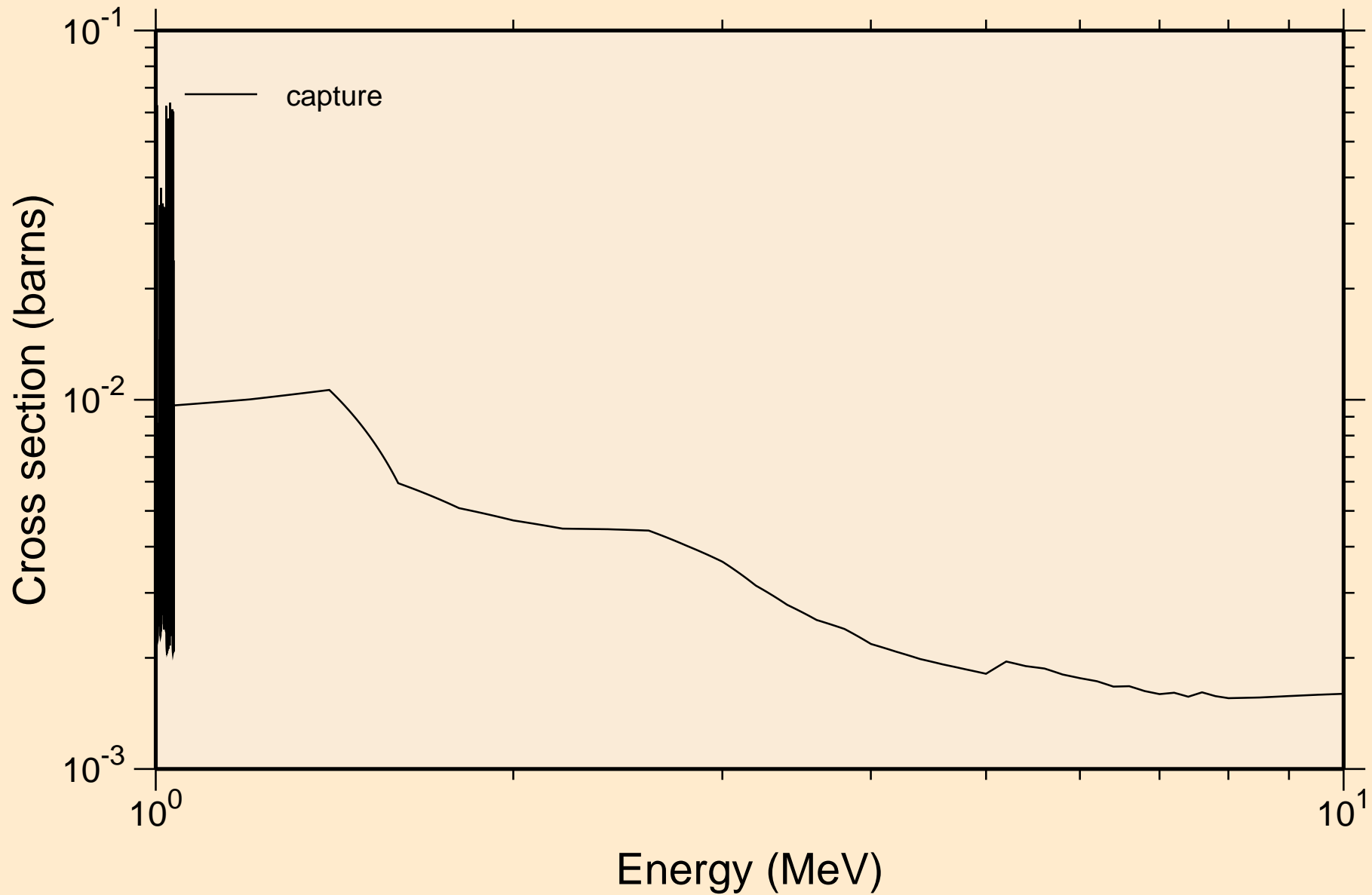
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



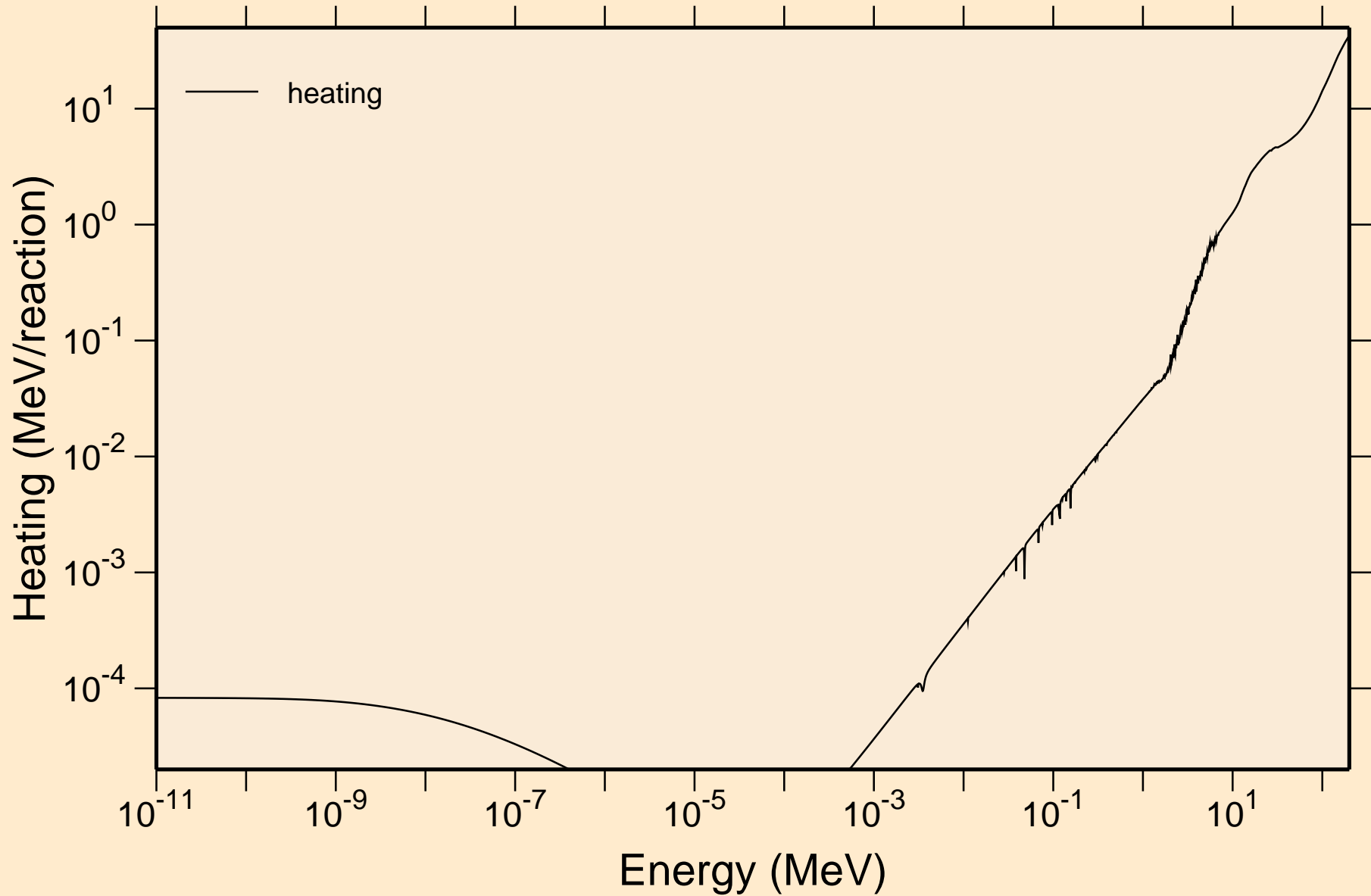
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

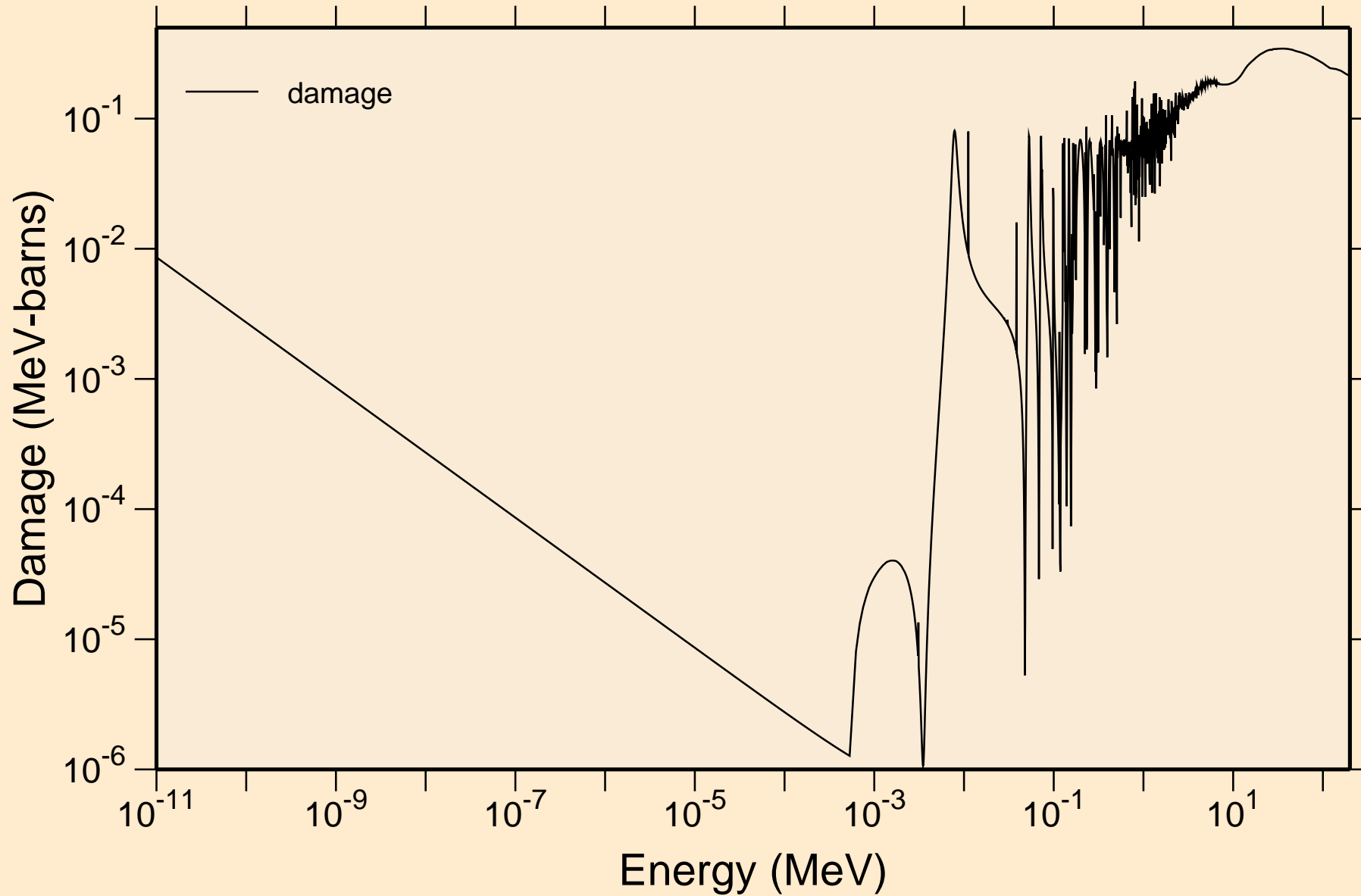


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

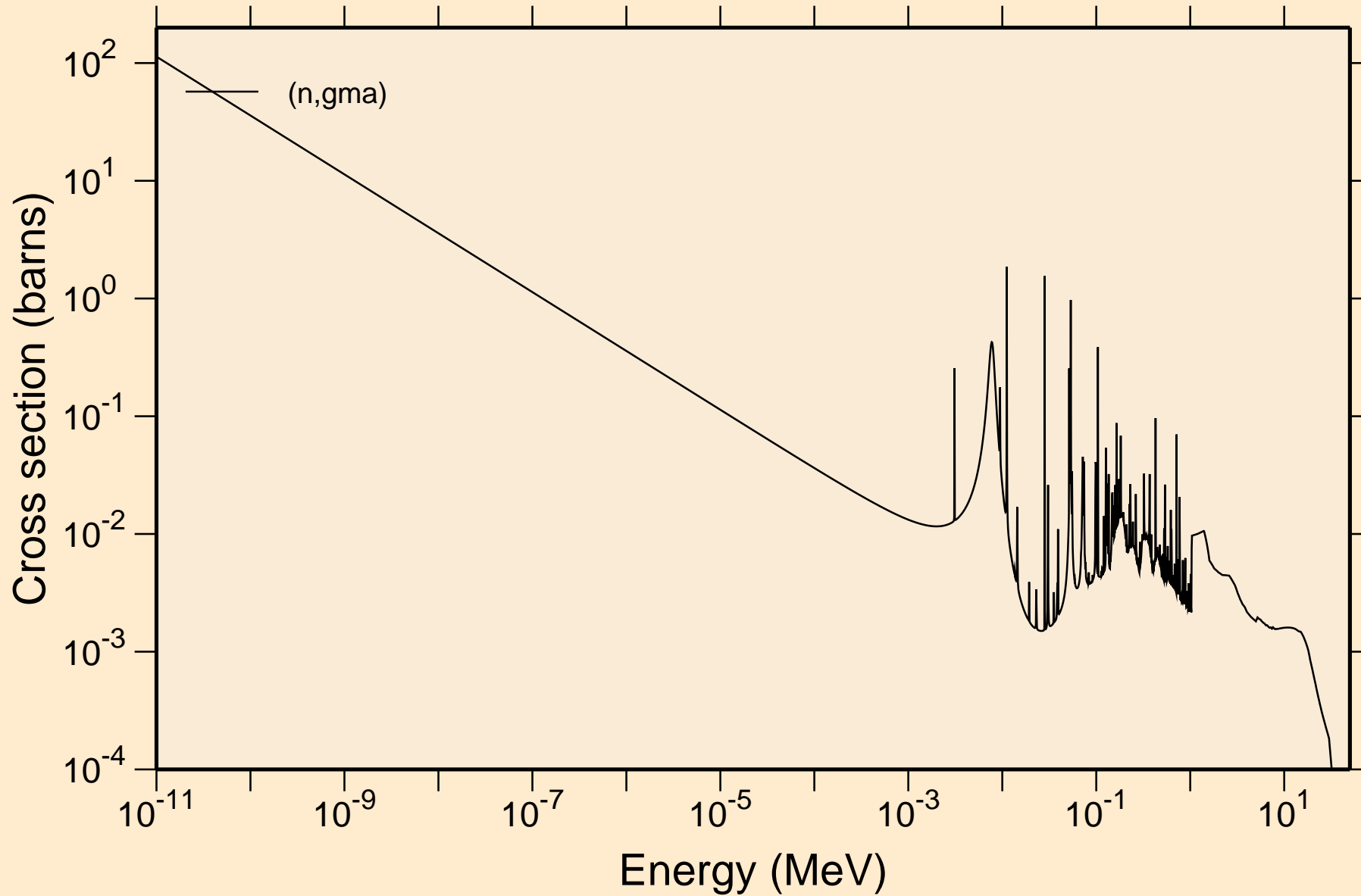


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

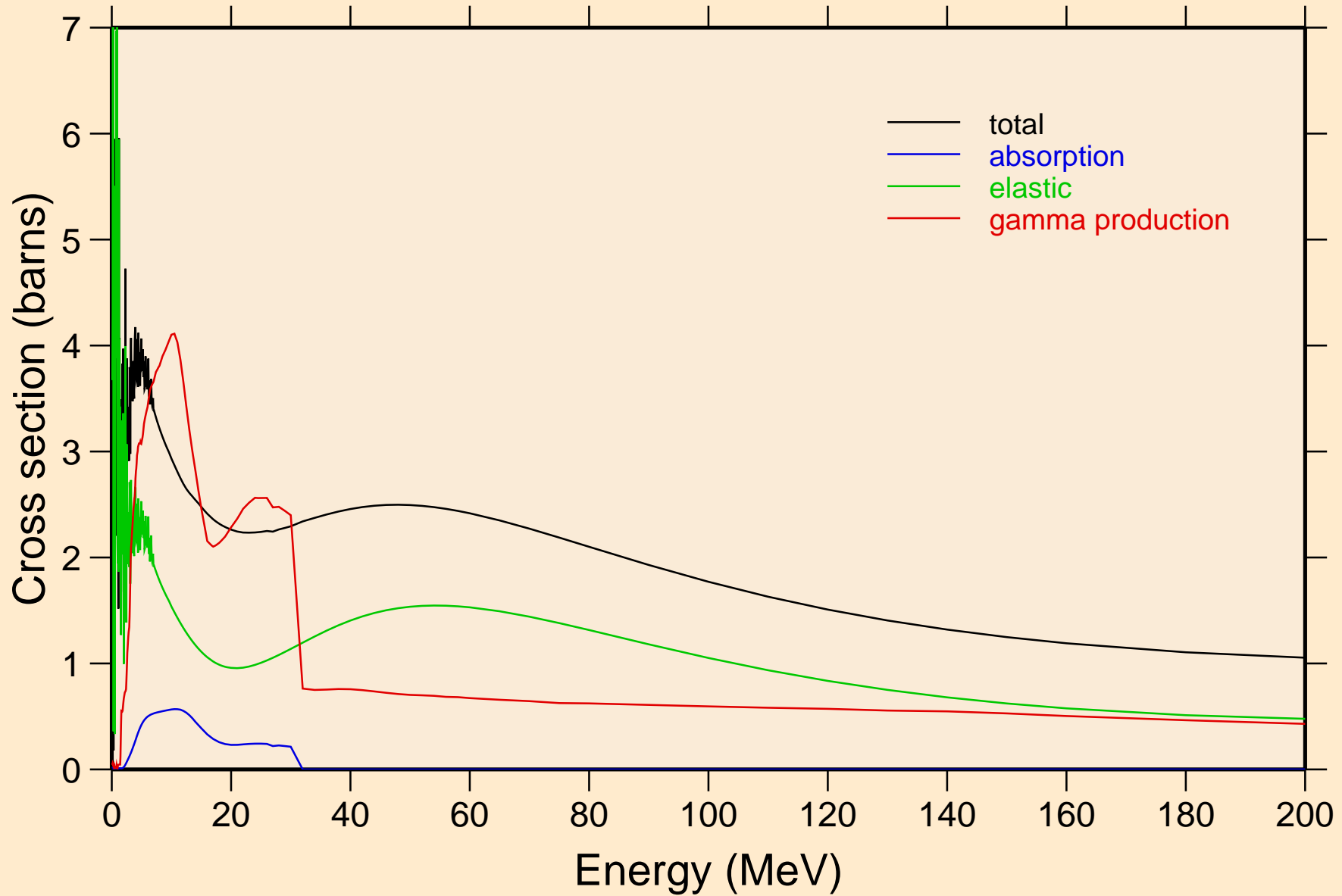


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



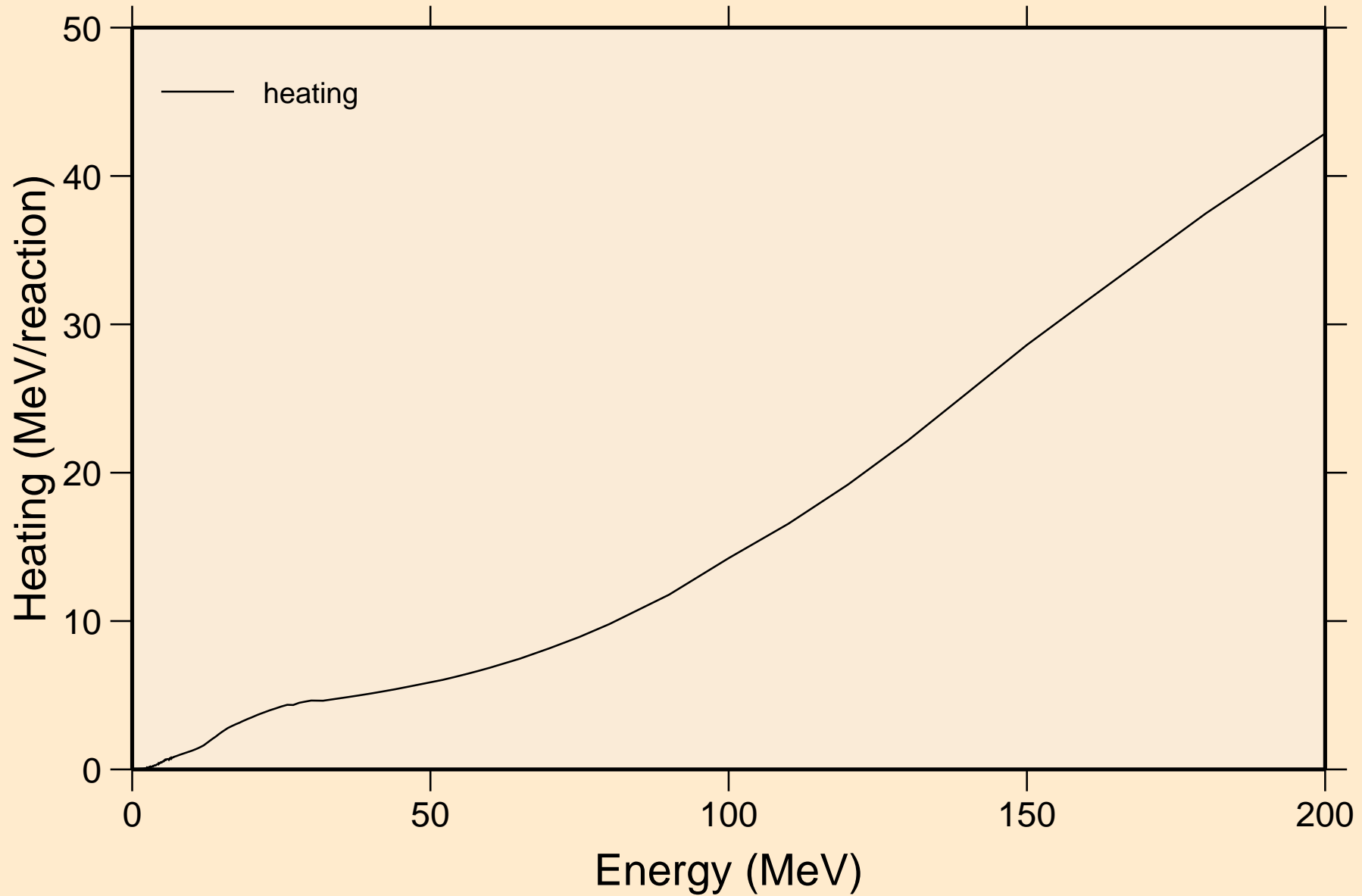
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections

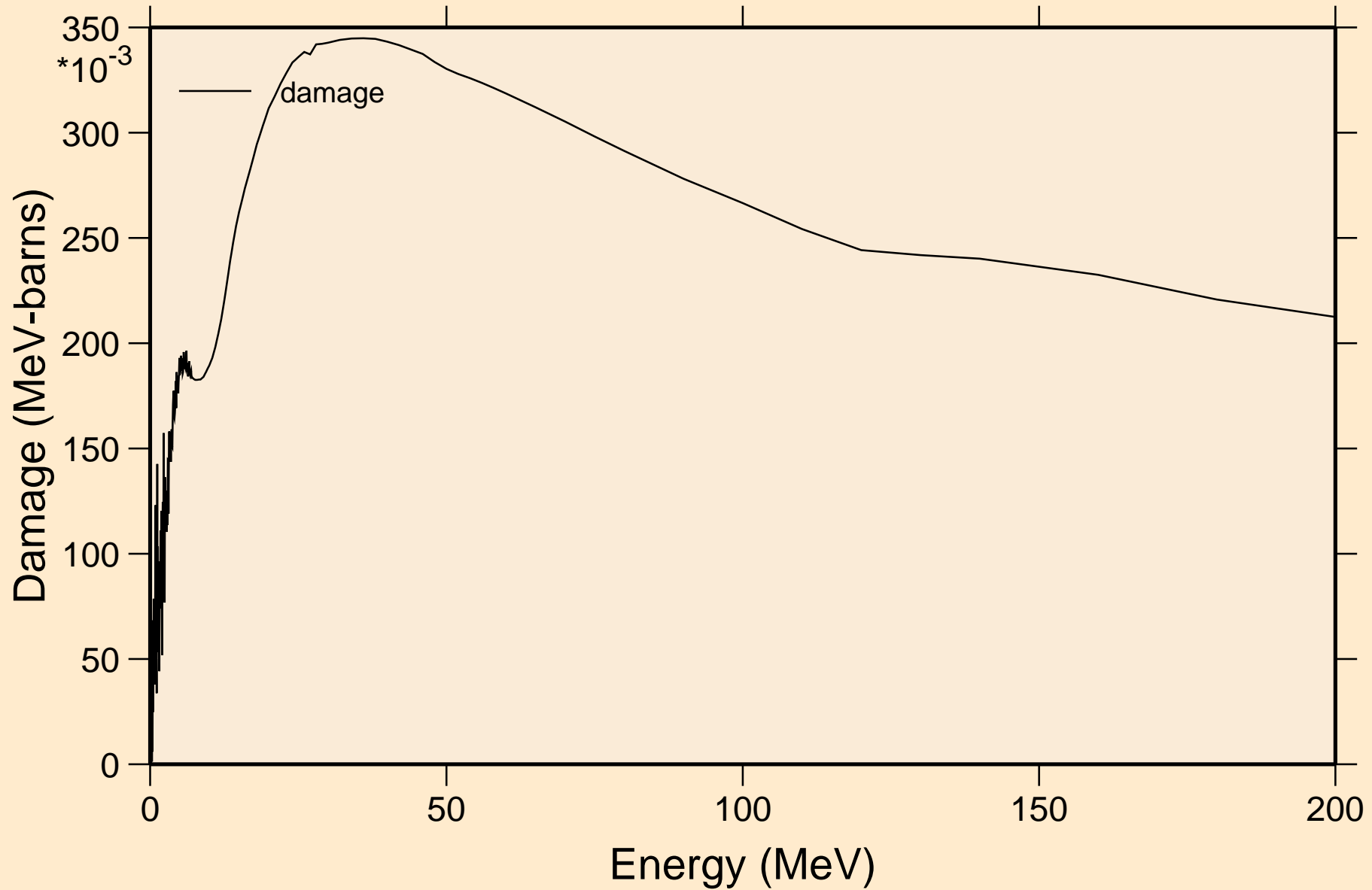


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

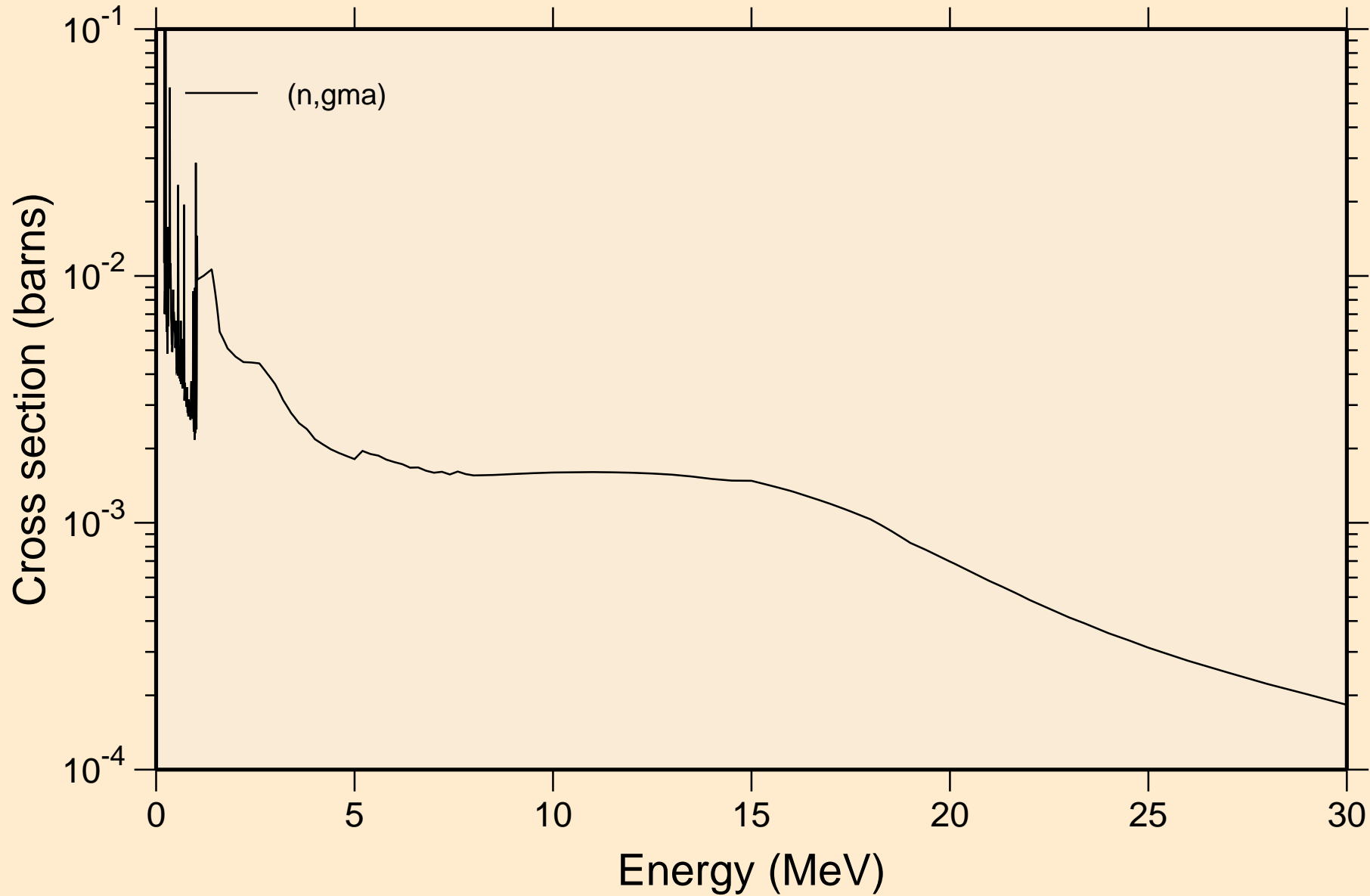
Heating



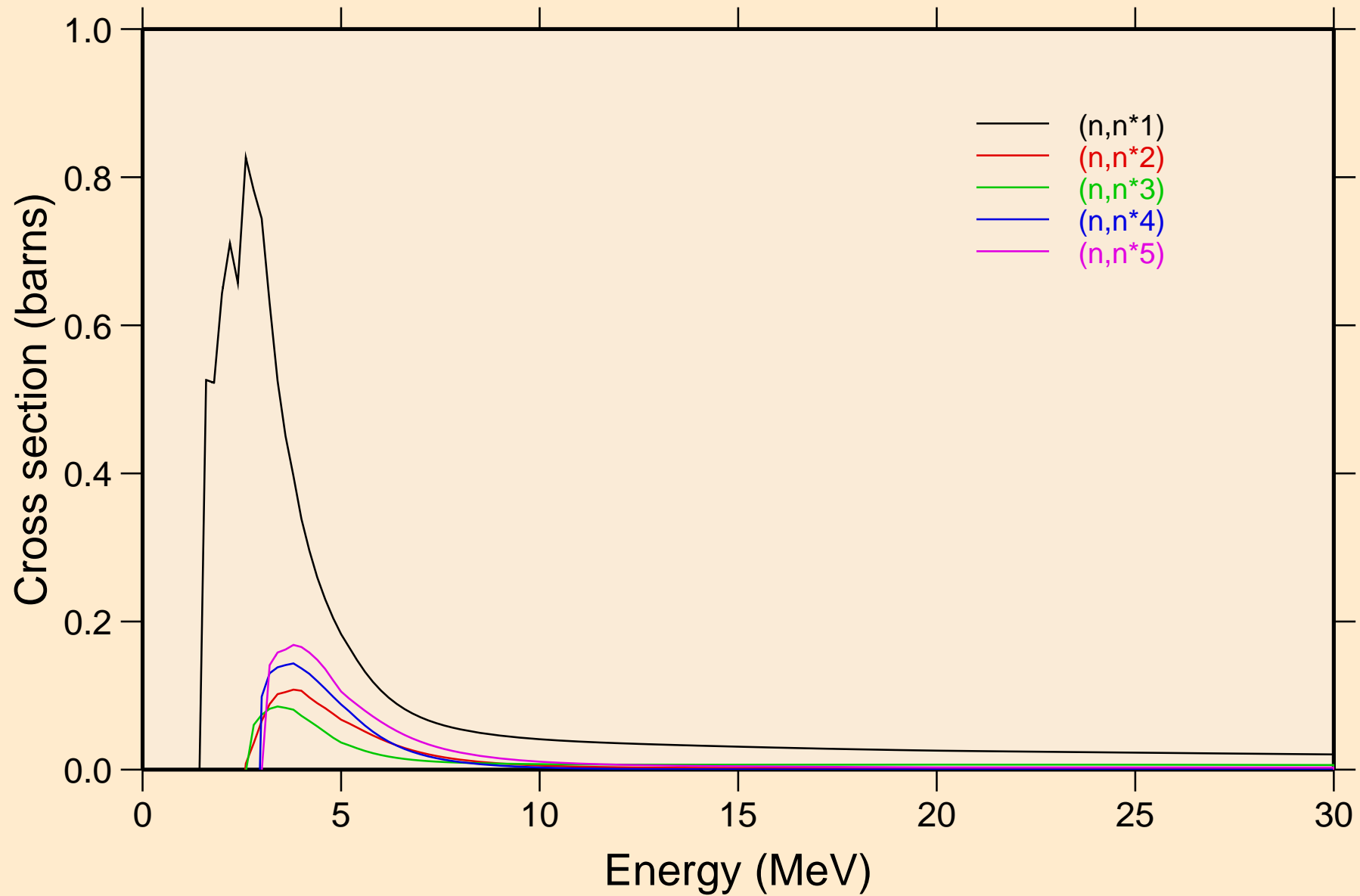
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Damage



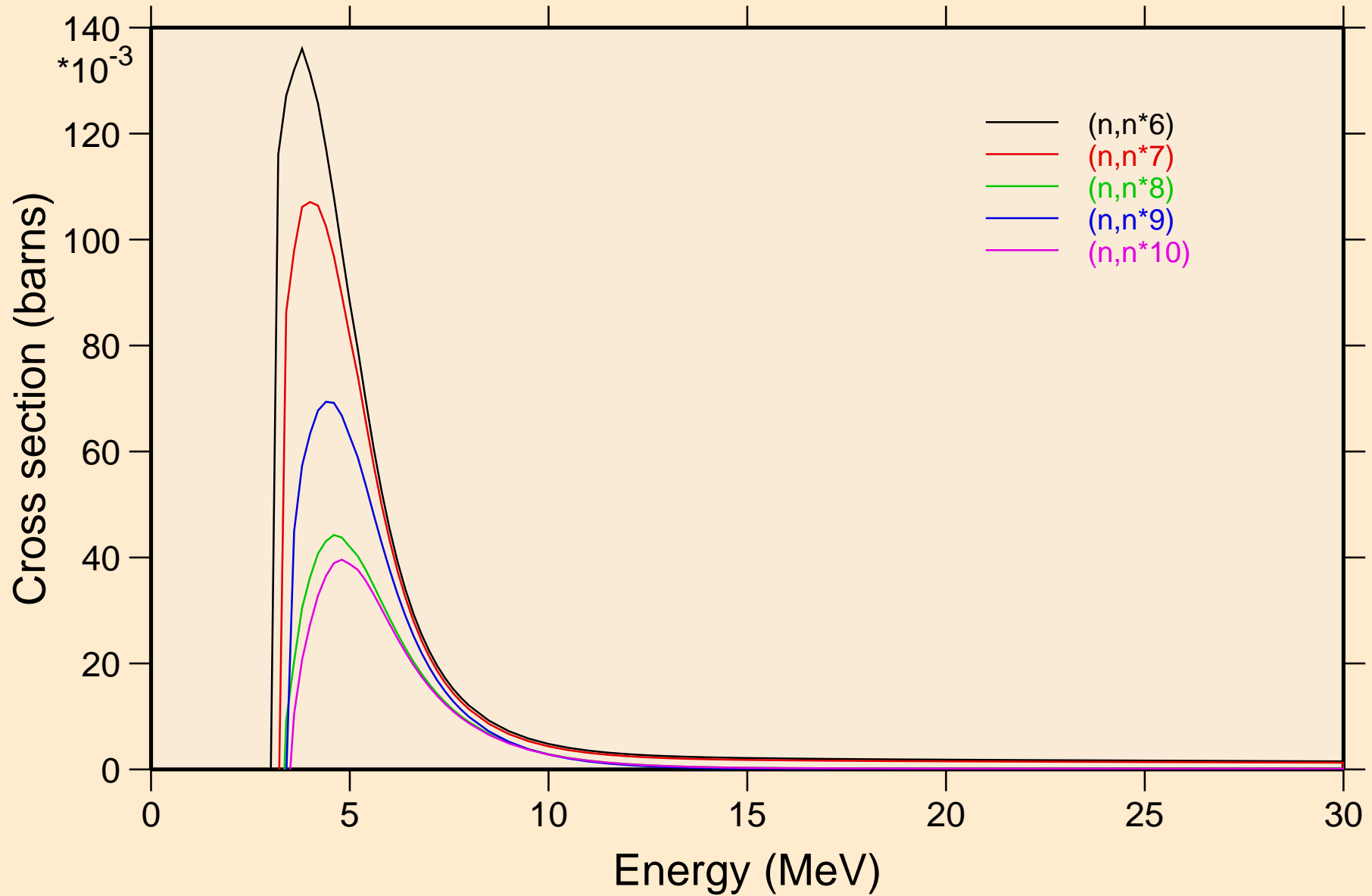
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



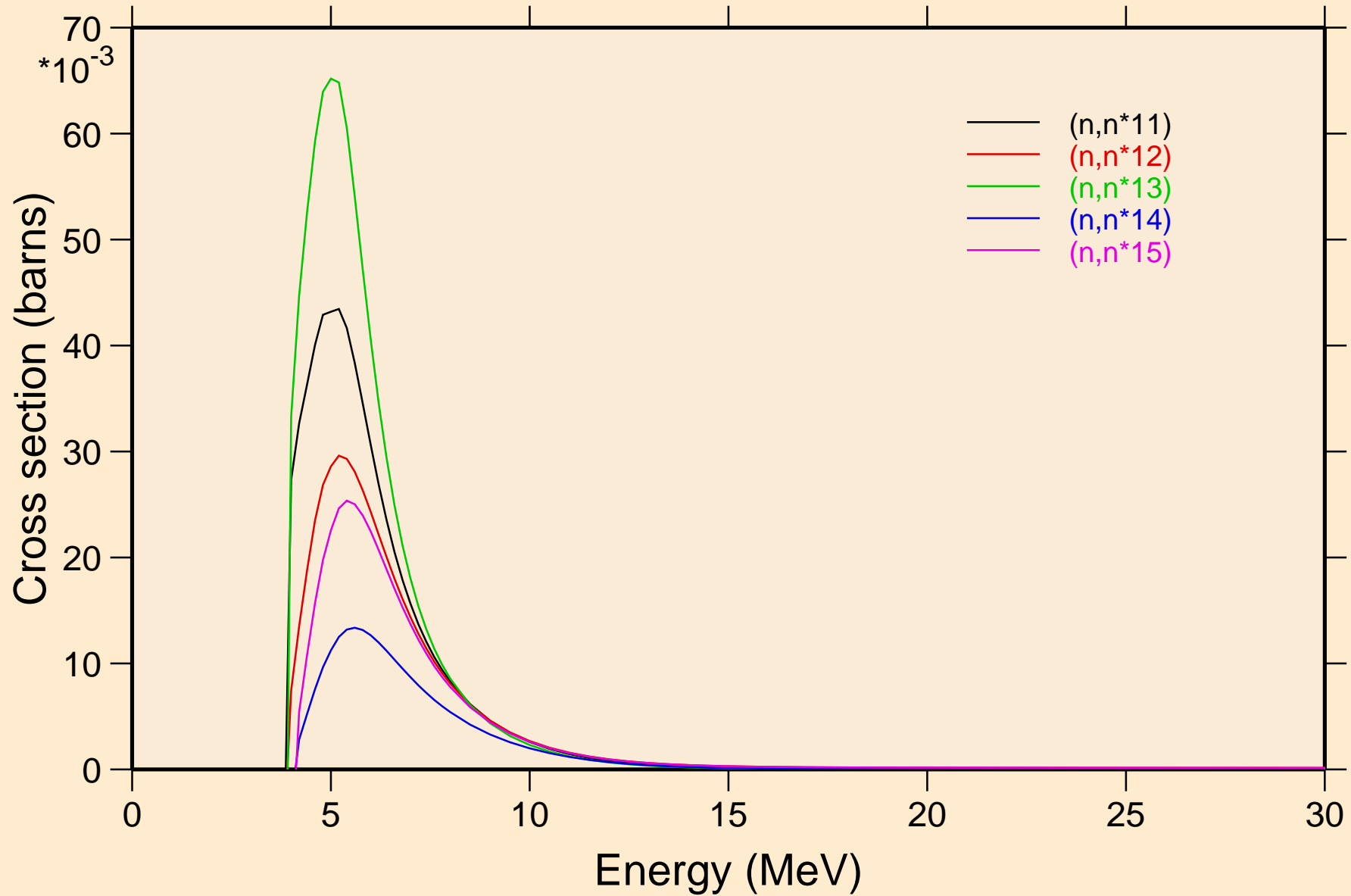
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



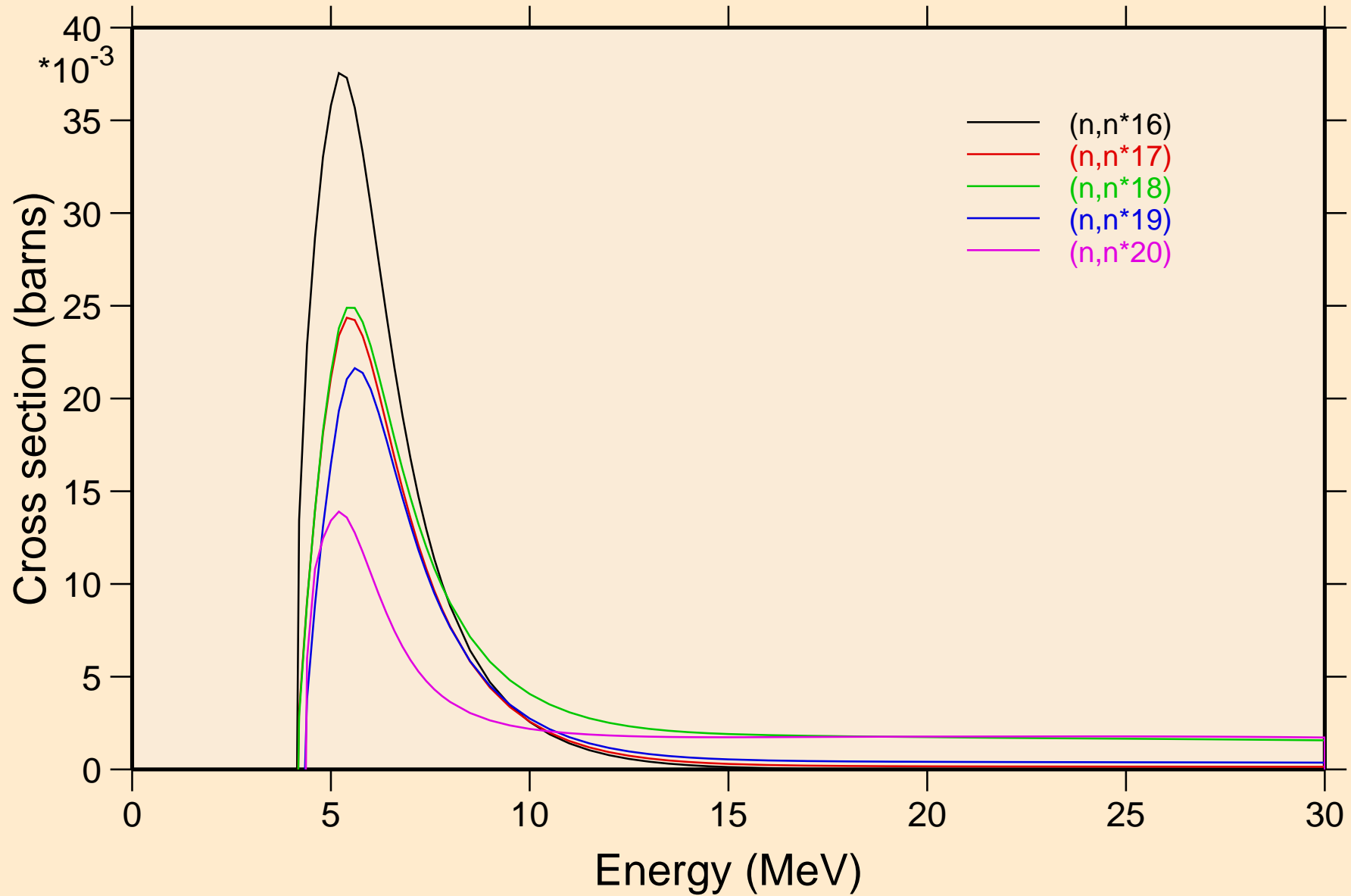
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



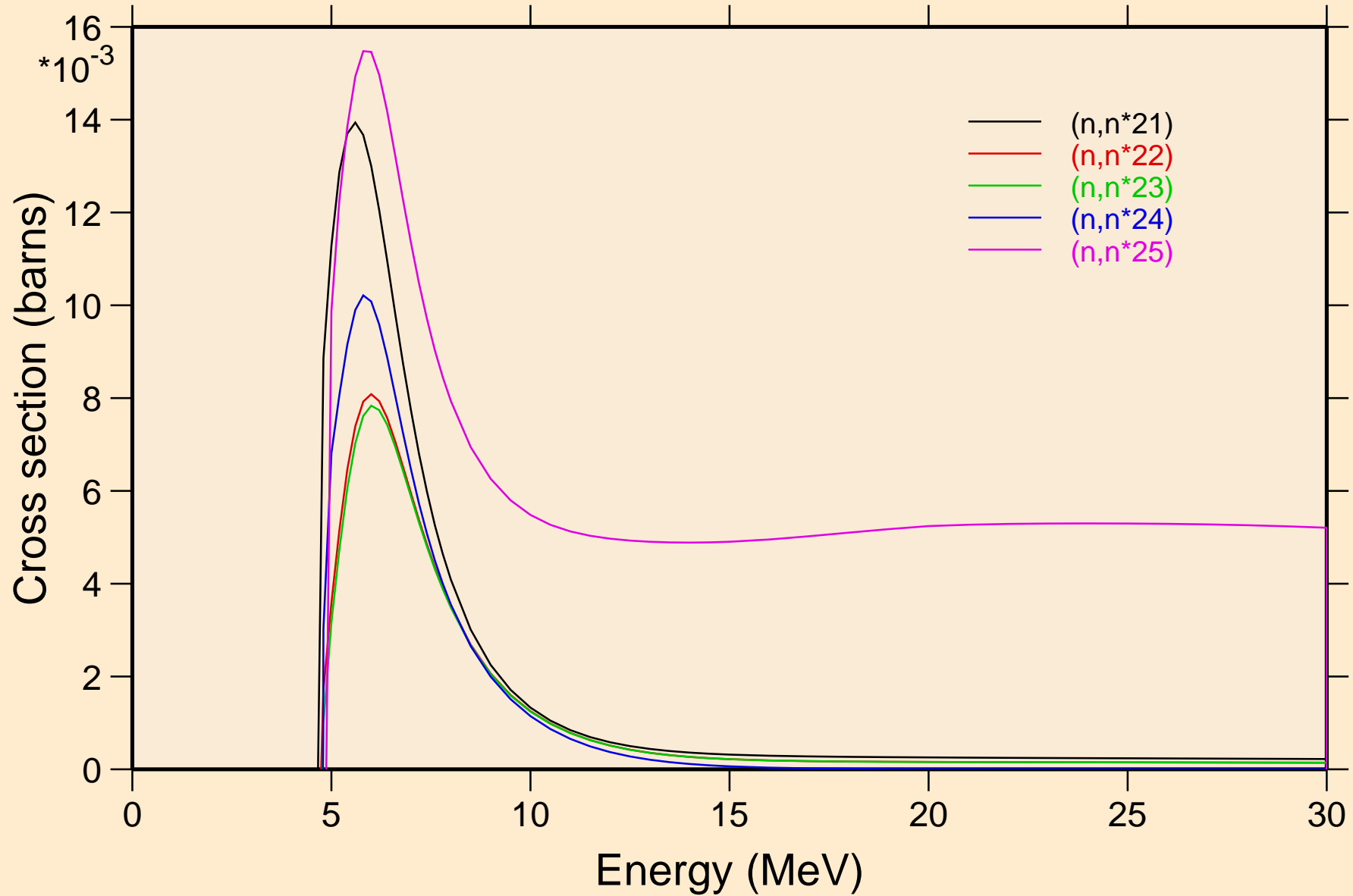
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



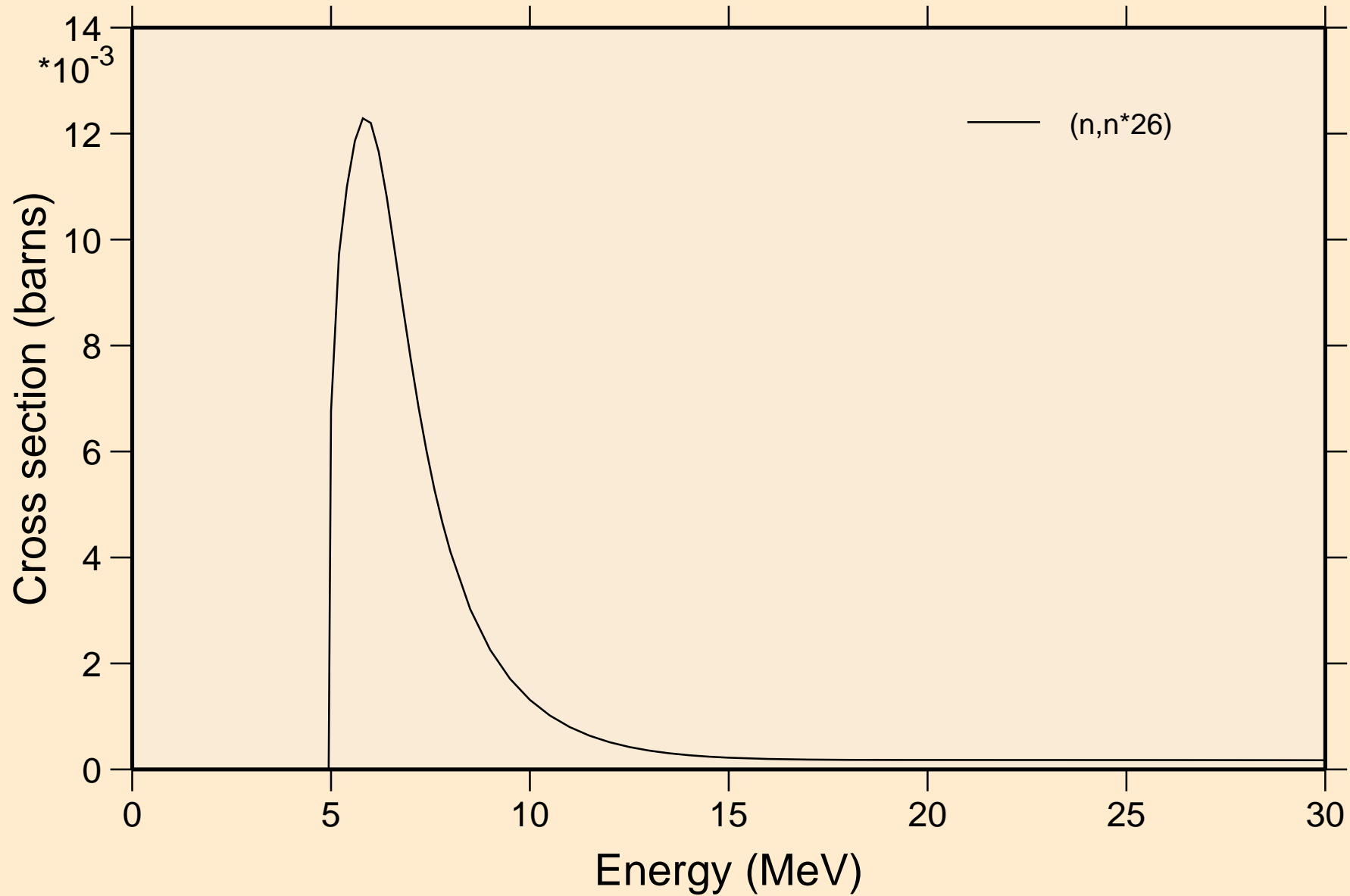
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Inelastic levels



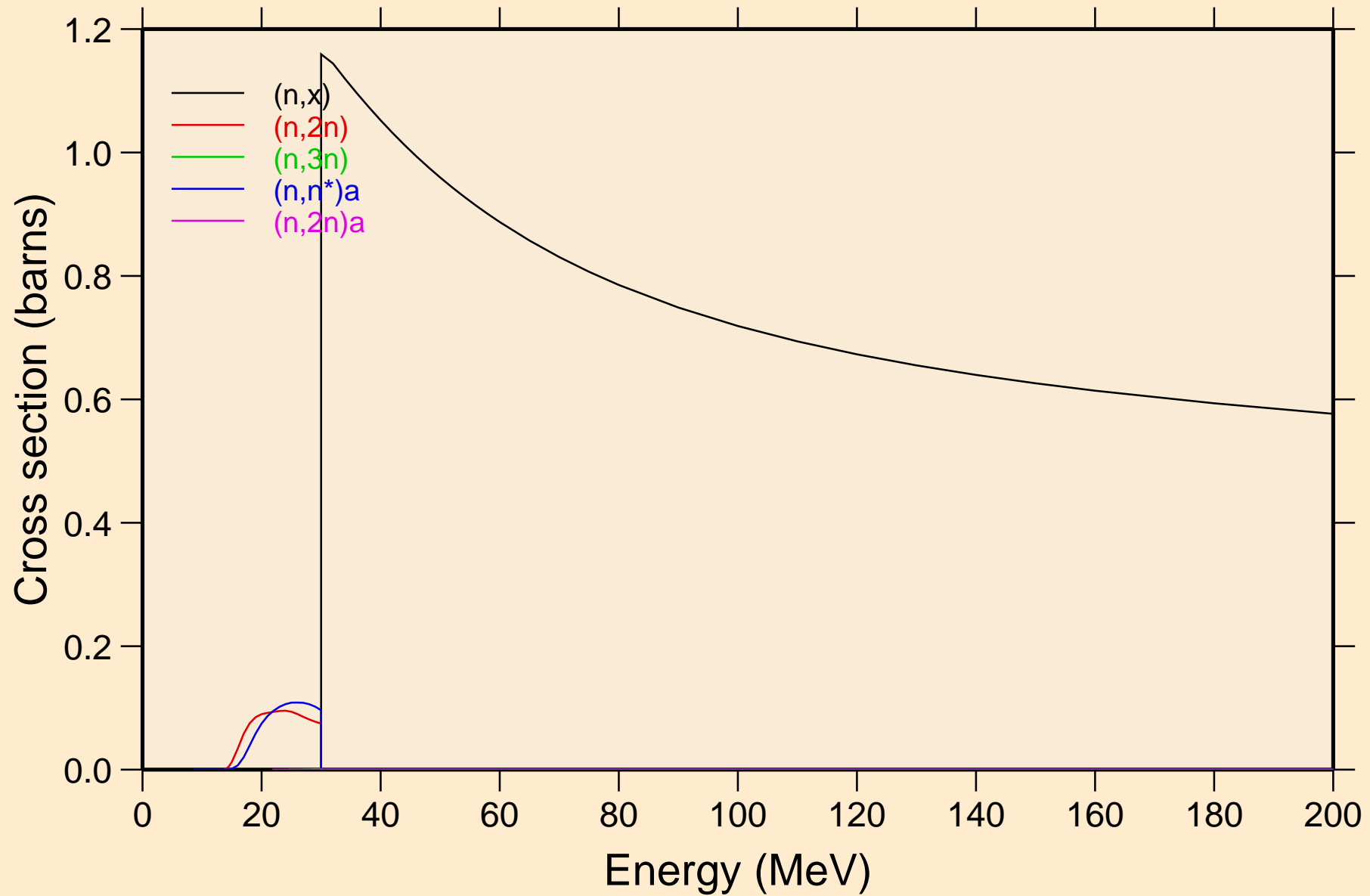
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

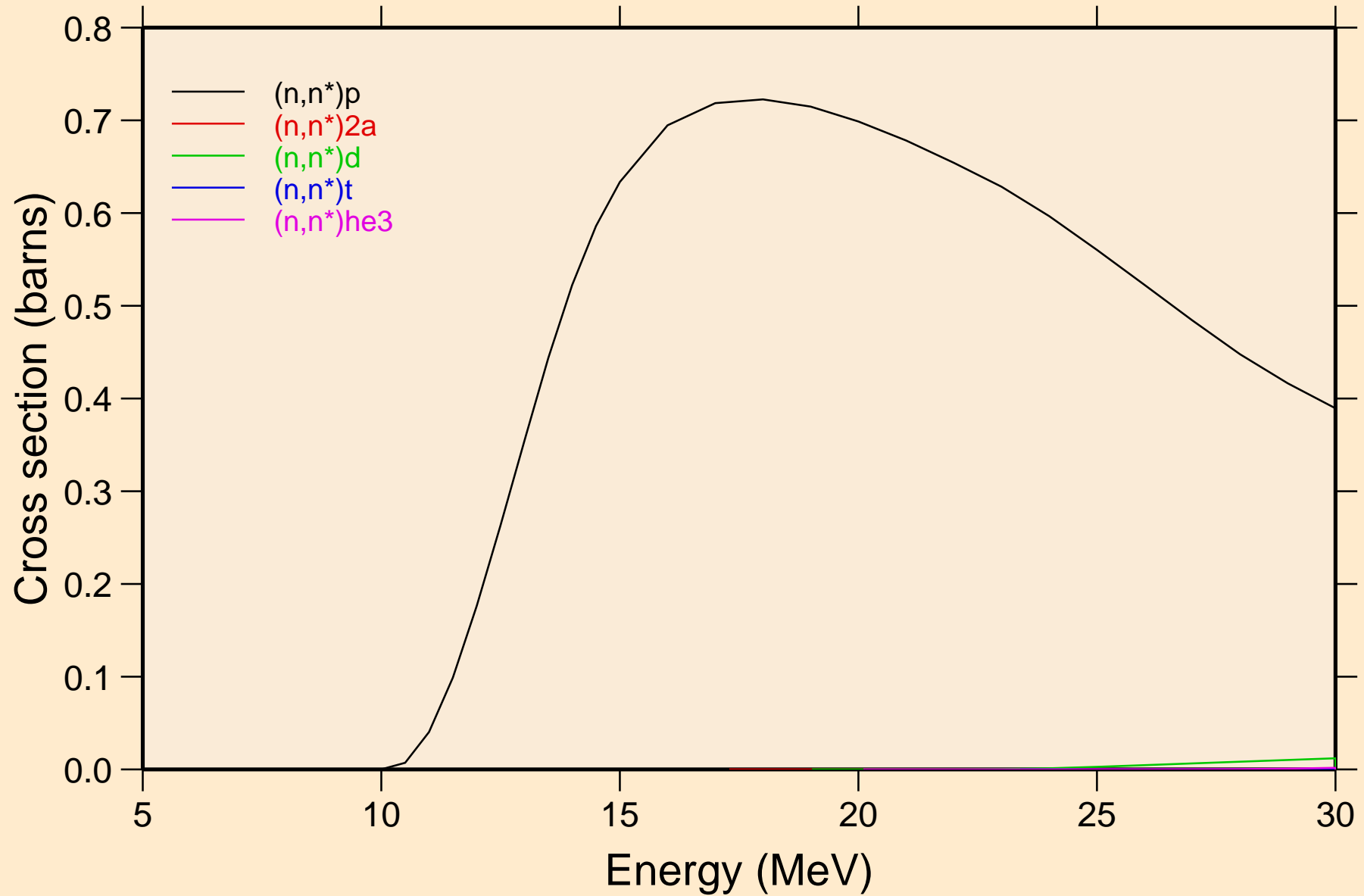


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



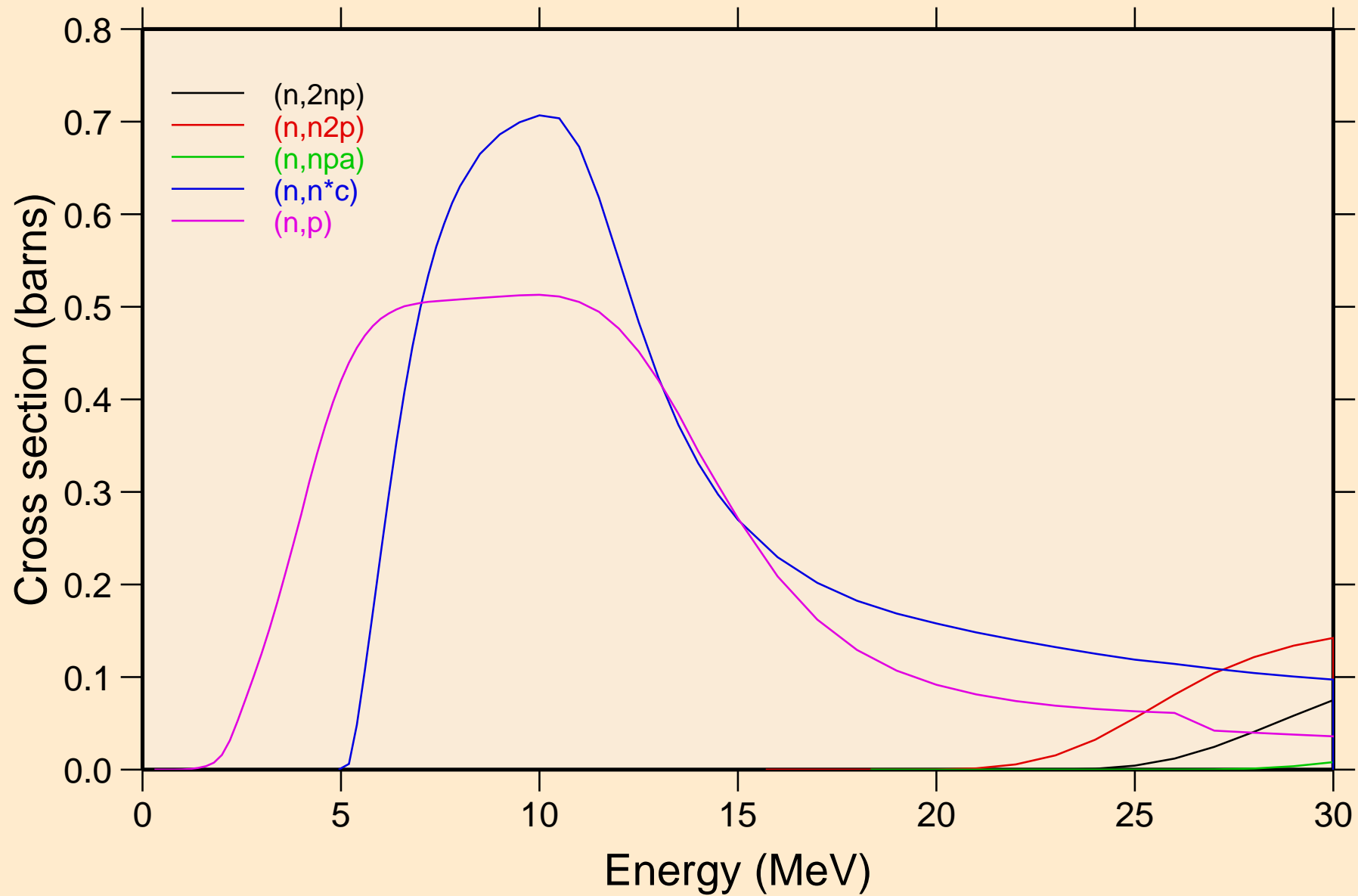
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



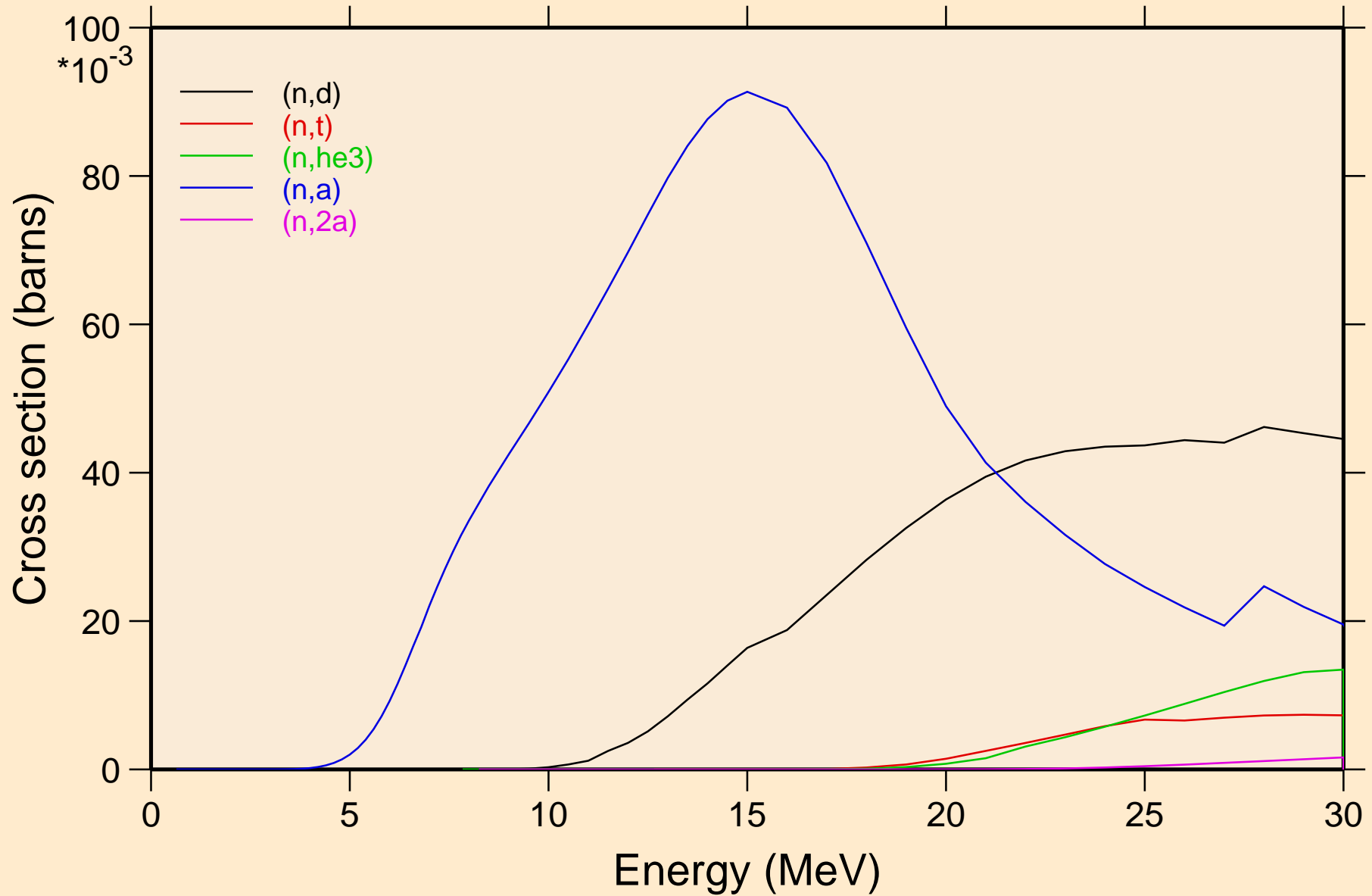
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



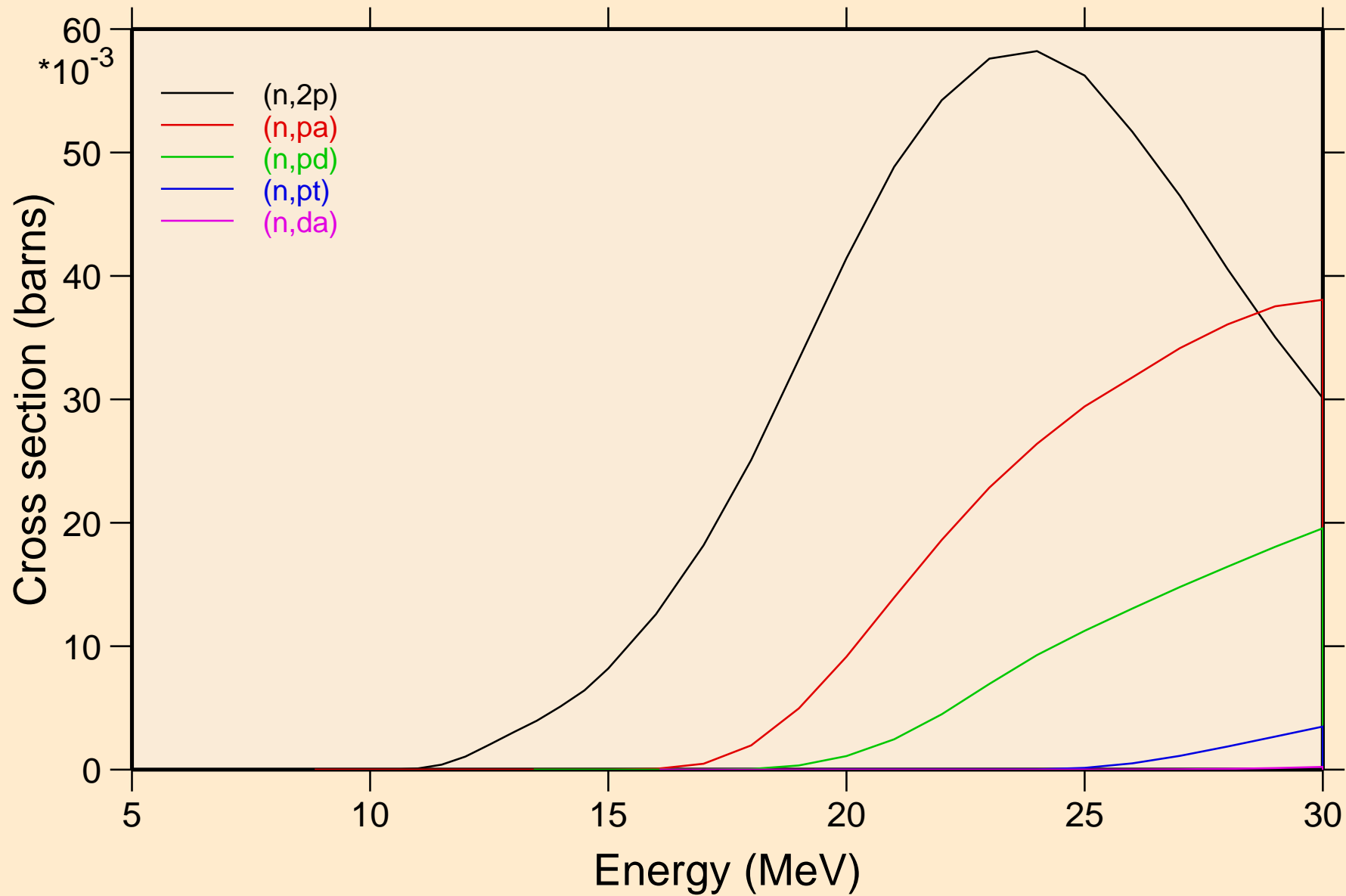
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

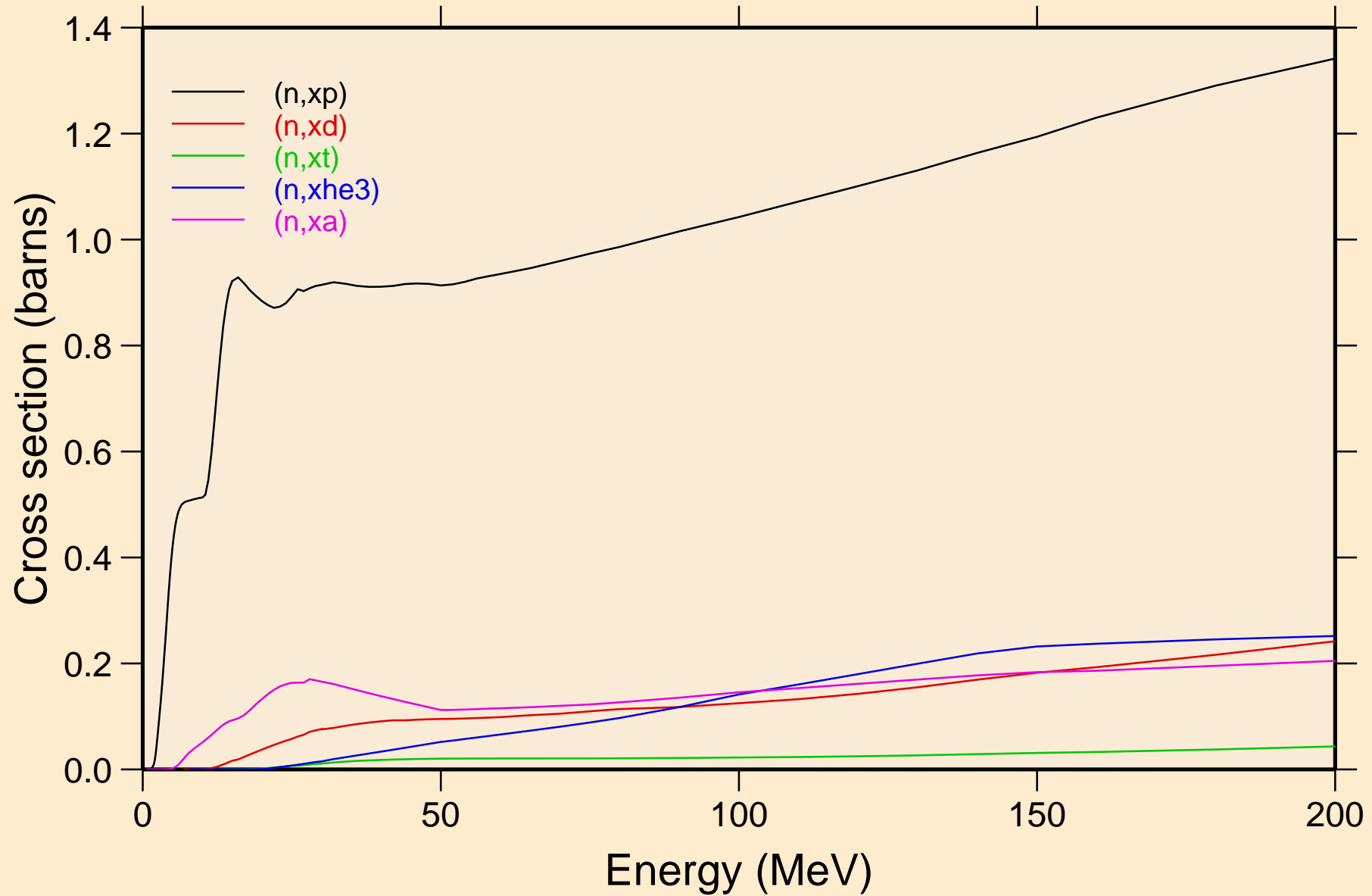


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

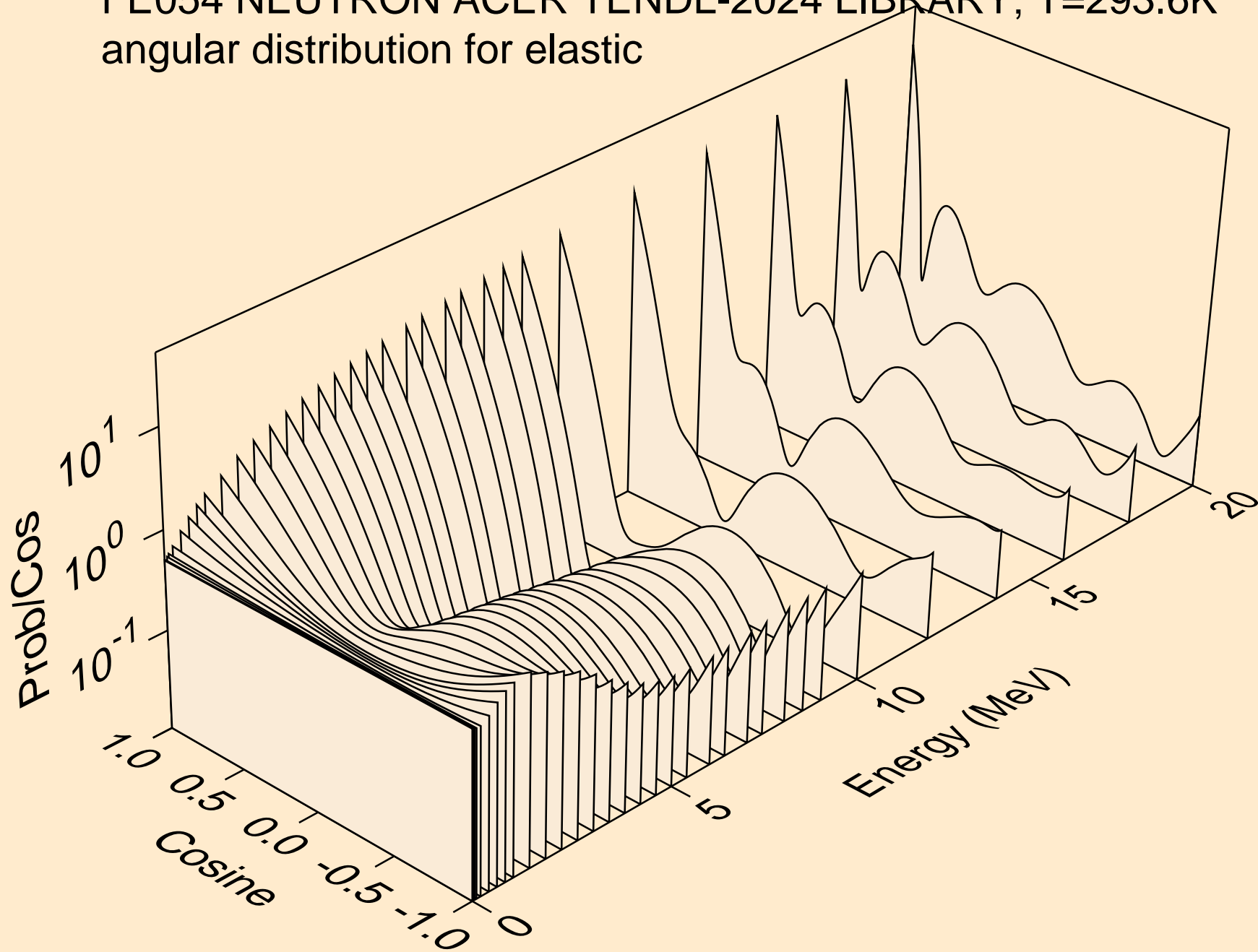
Threshold reactions



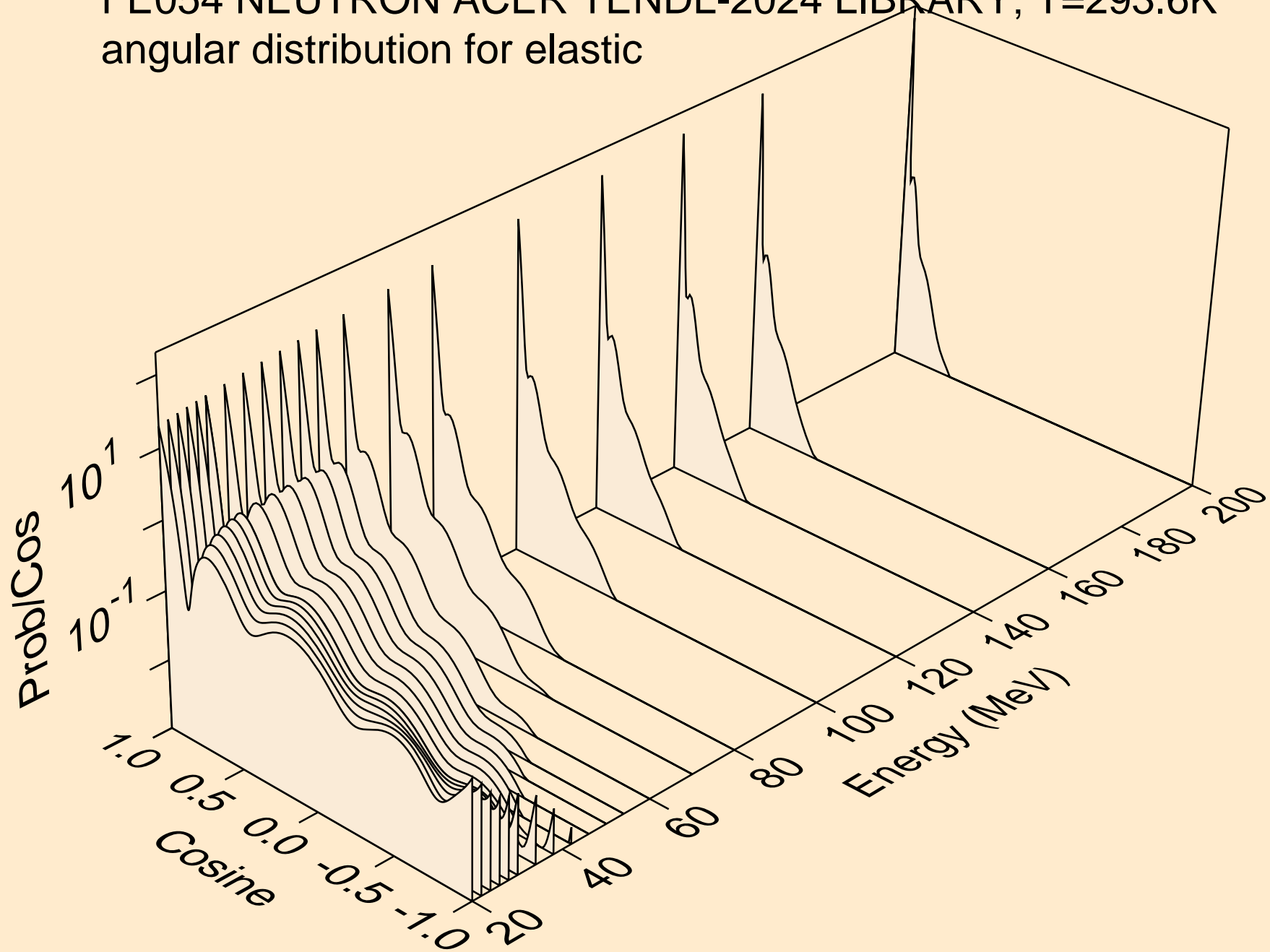
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



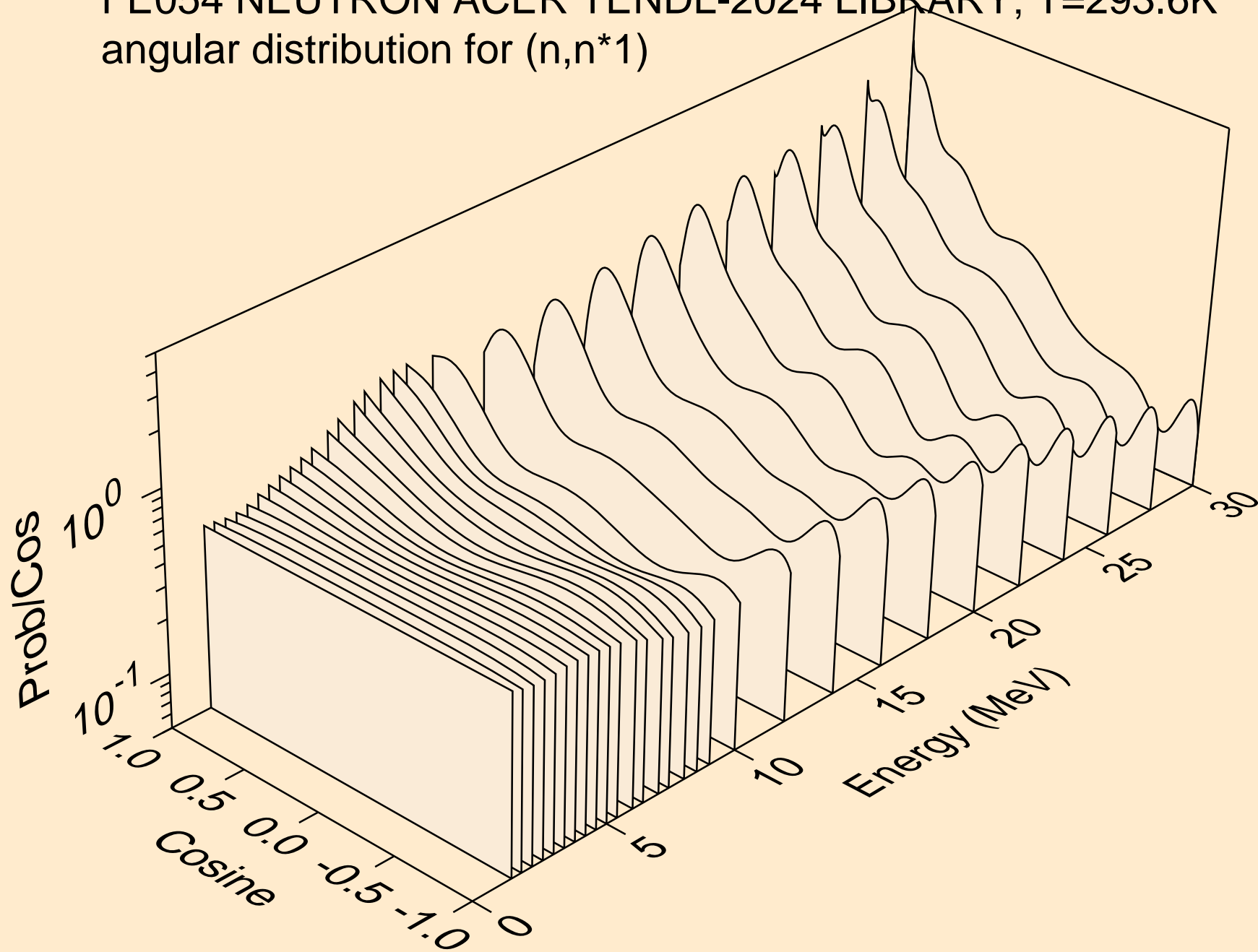
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



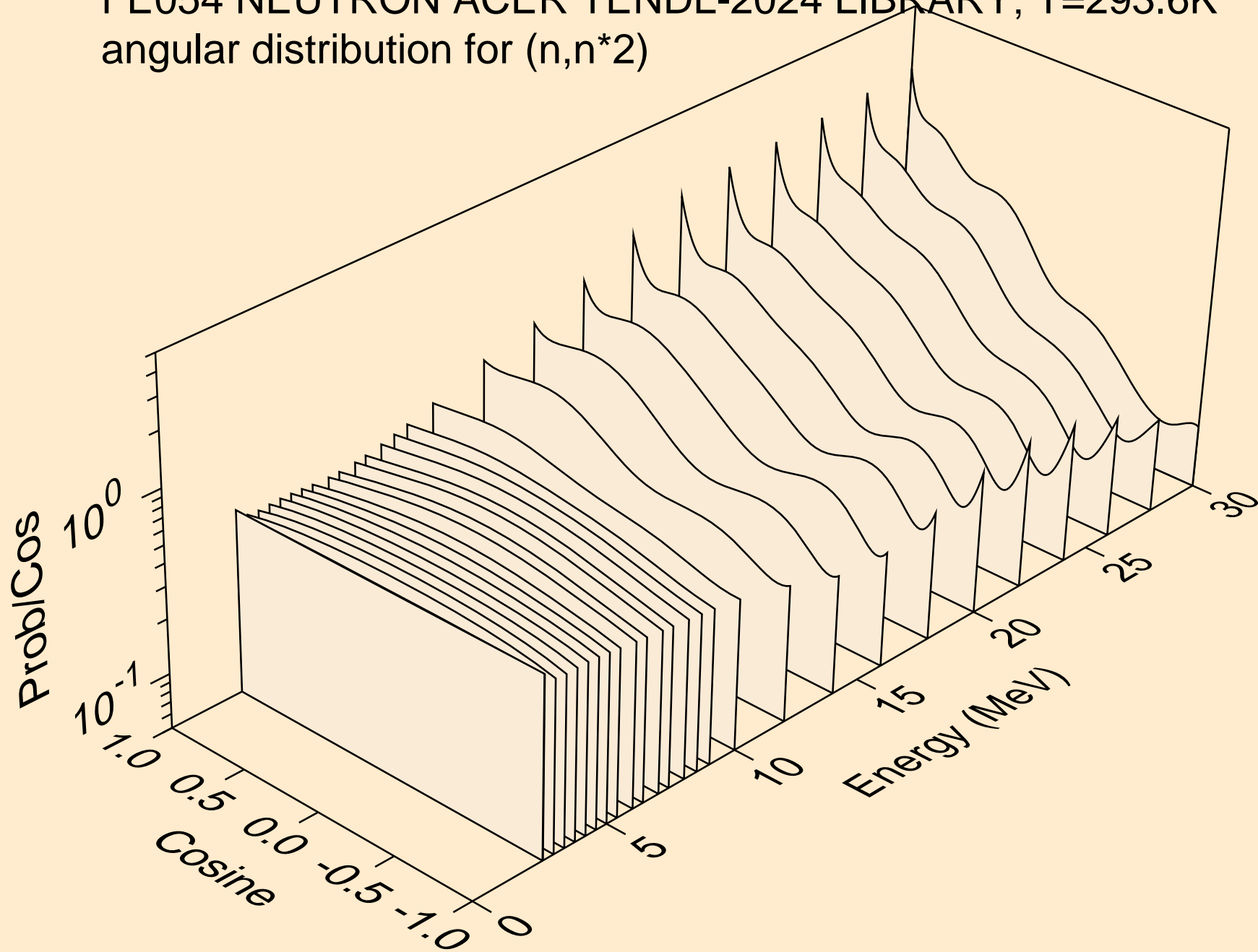
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



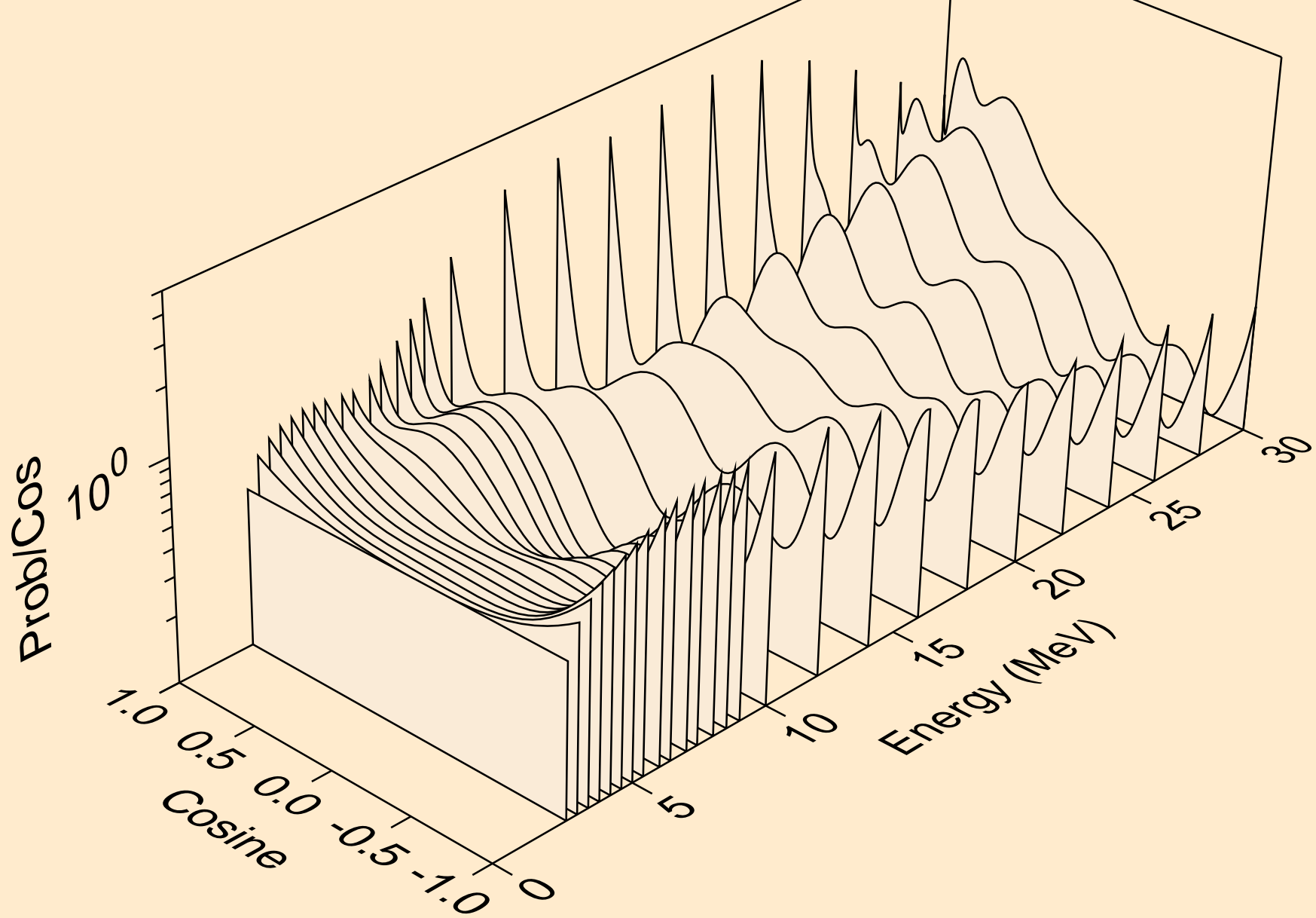
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



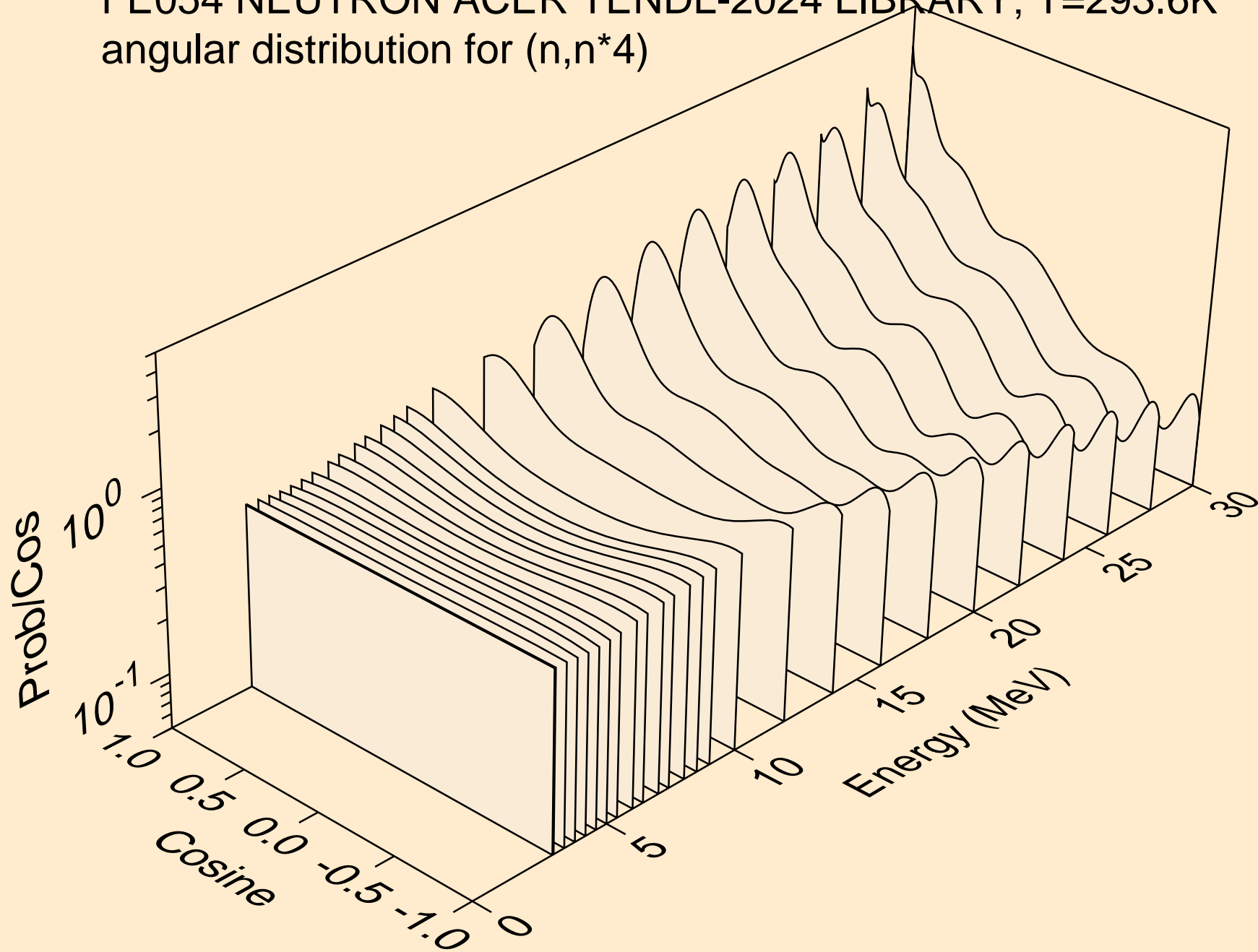
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



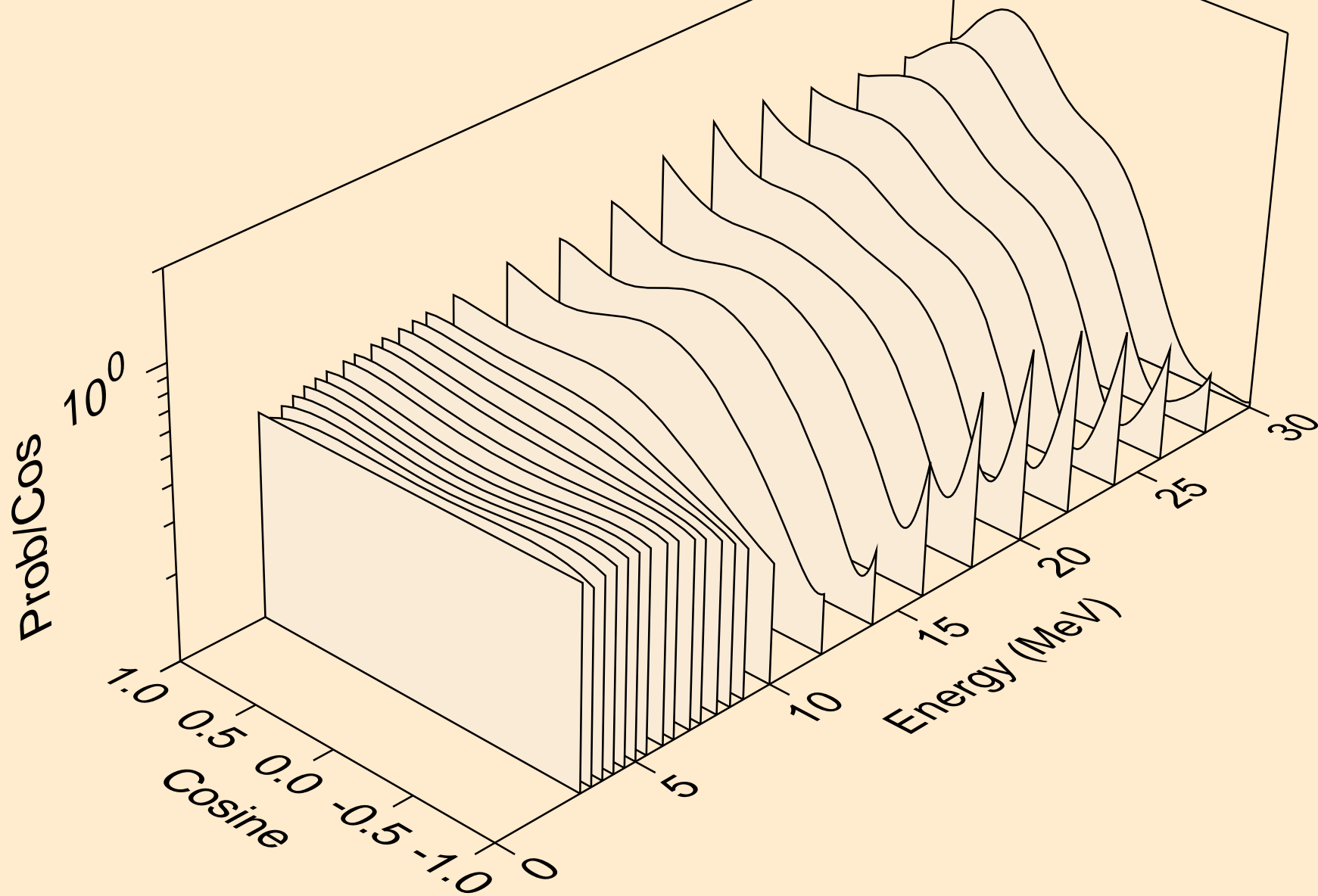
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



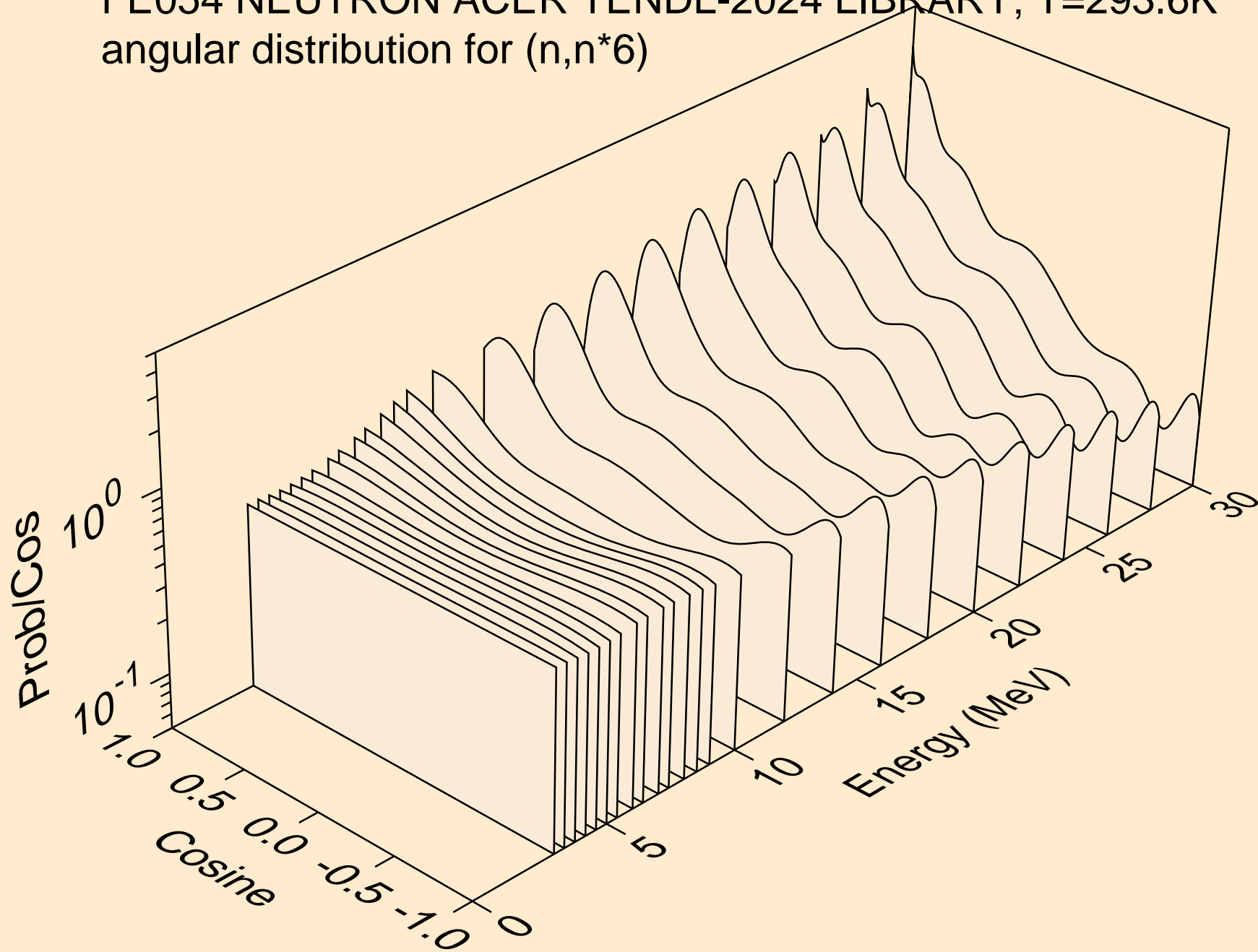
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angular distribution for (n,n*4)



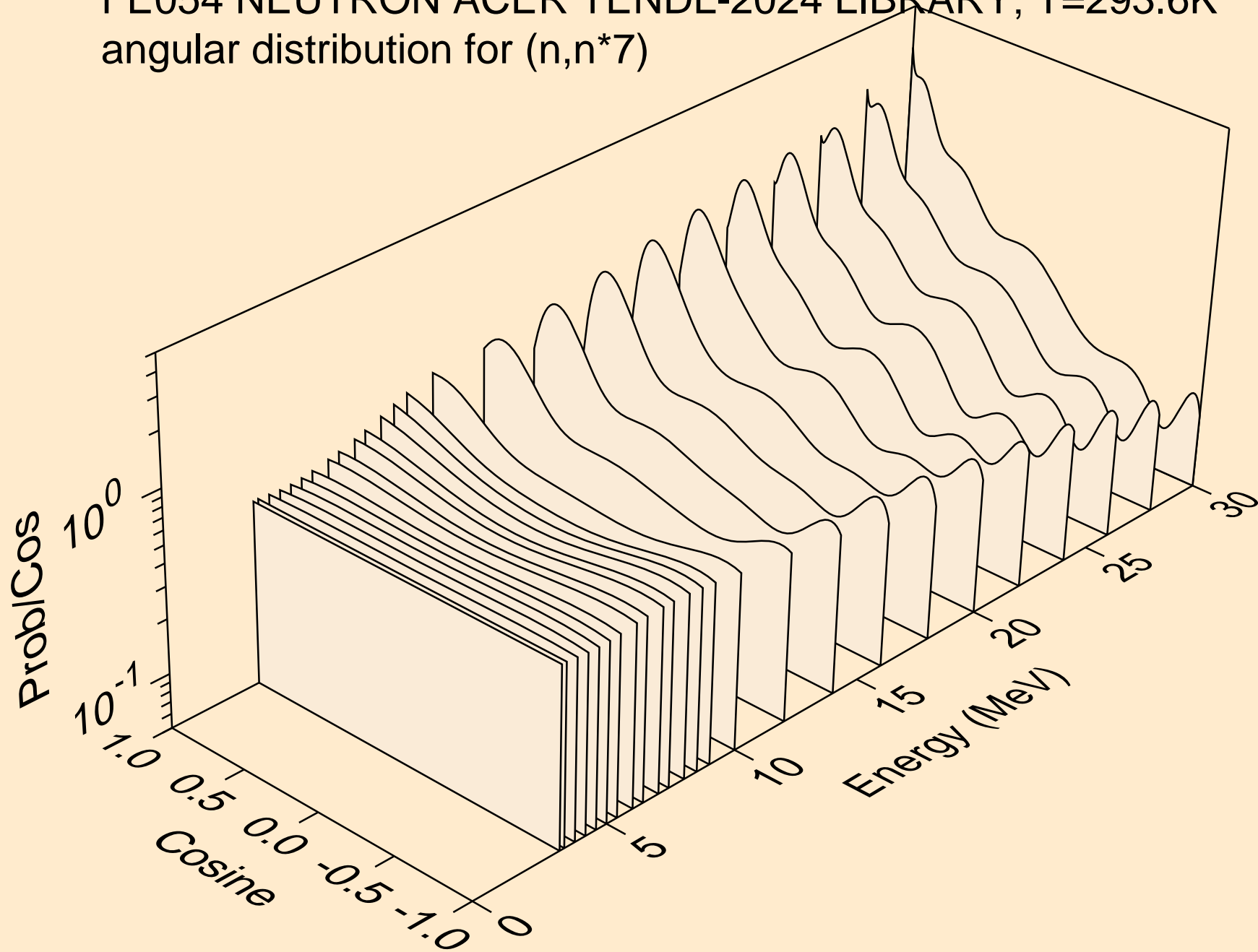
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



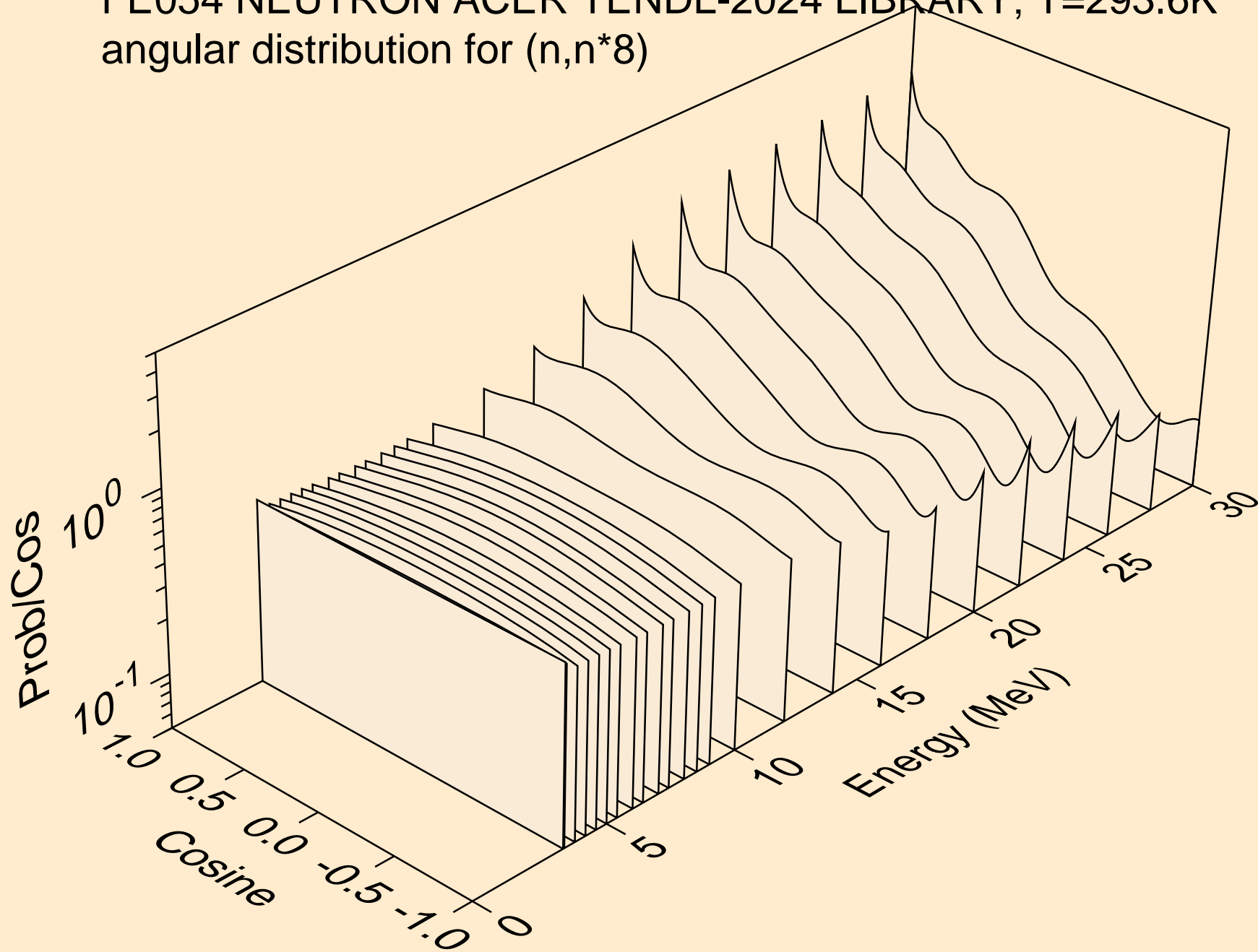
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



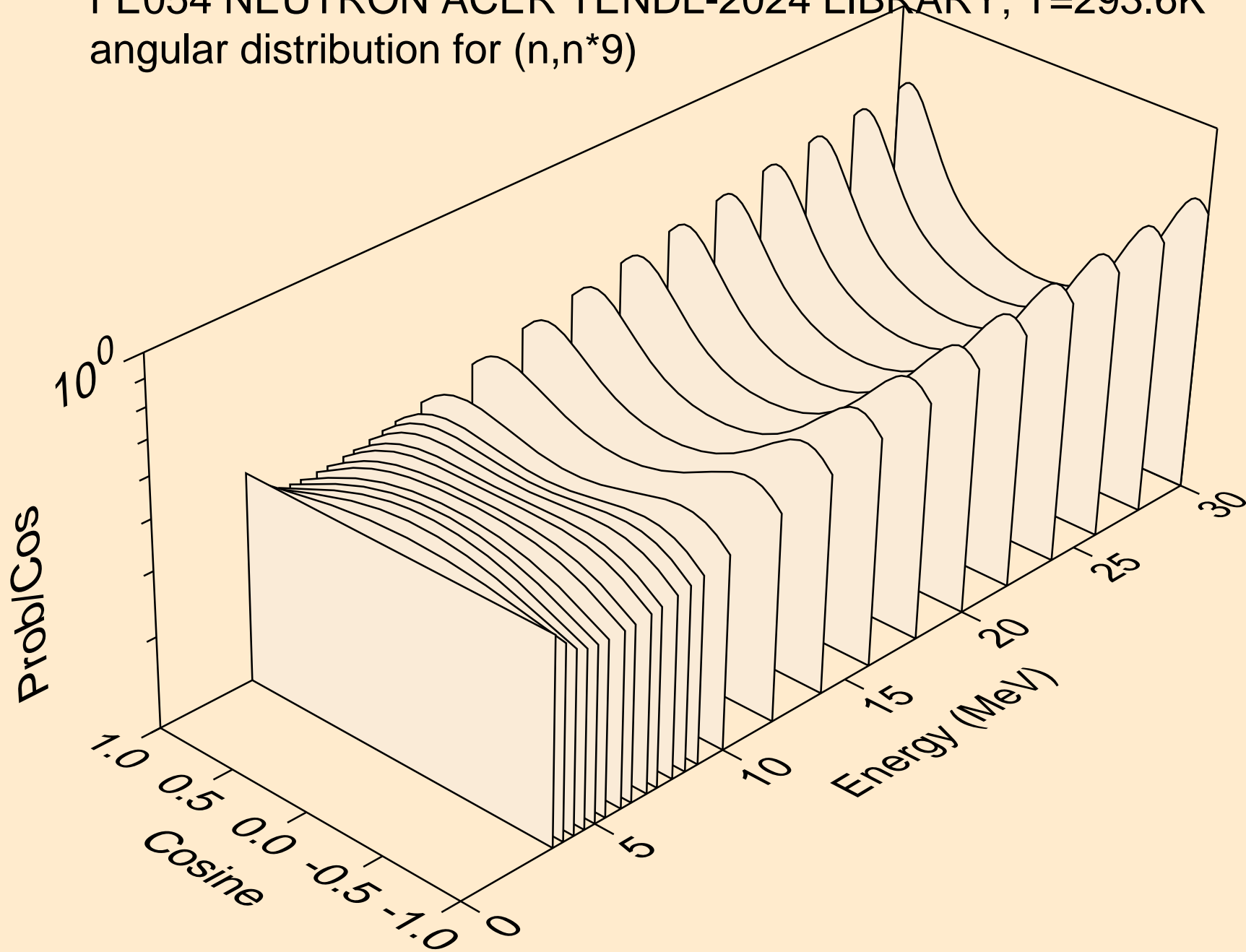
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angular distribution for (n,n*7)



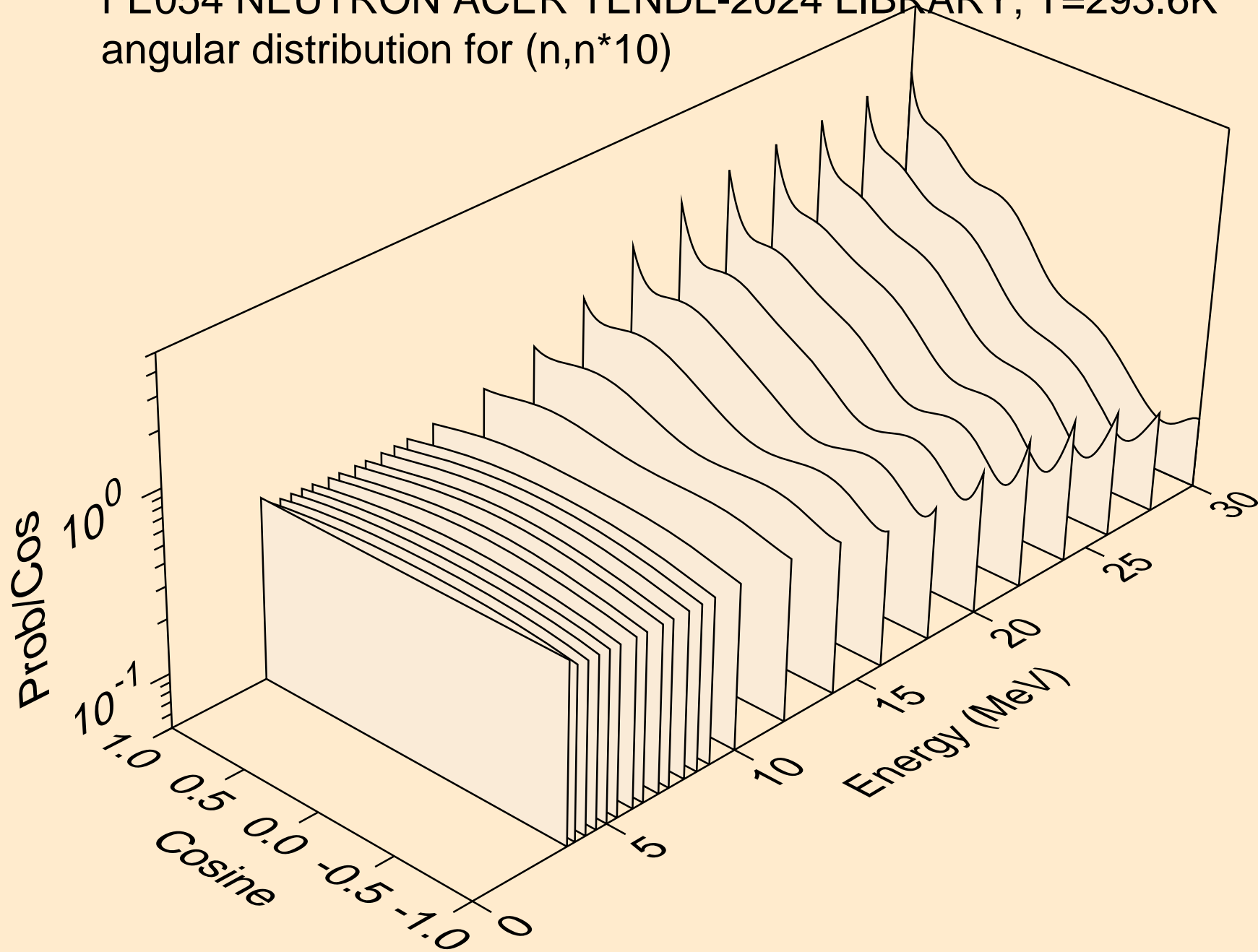
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angular distribution for (n,n*8)



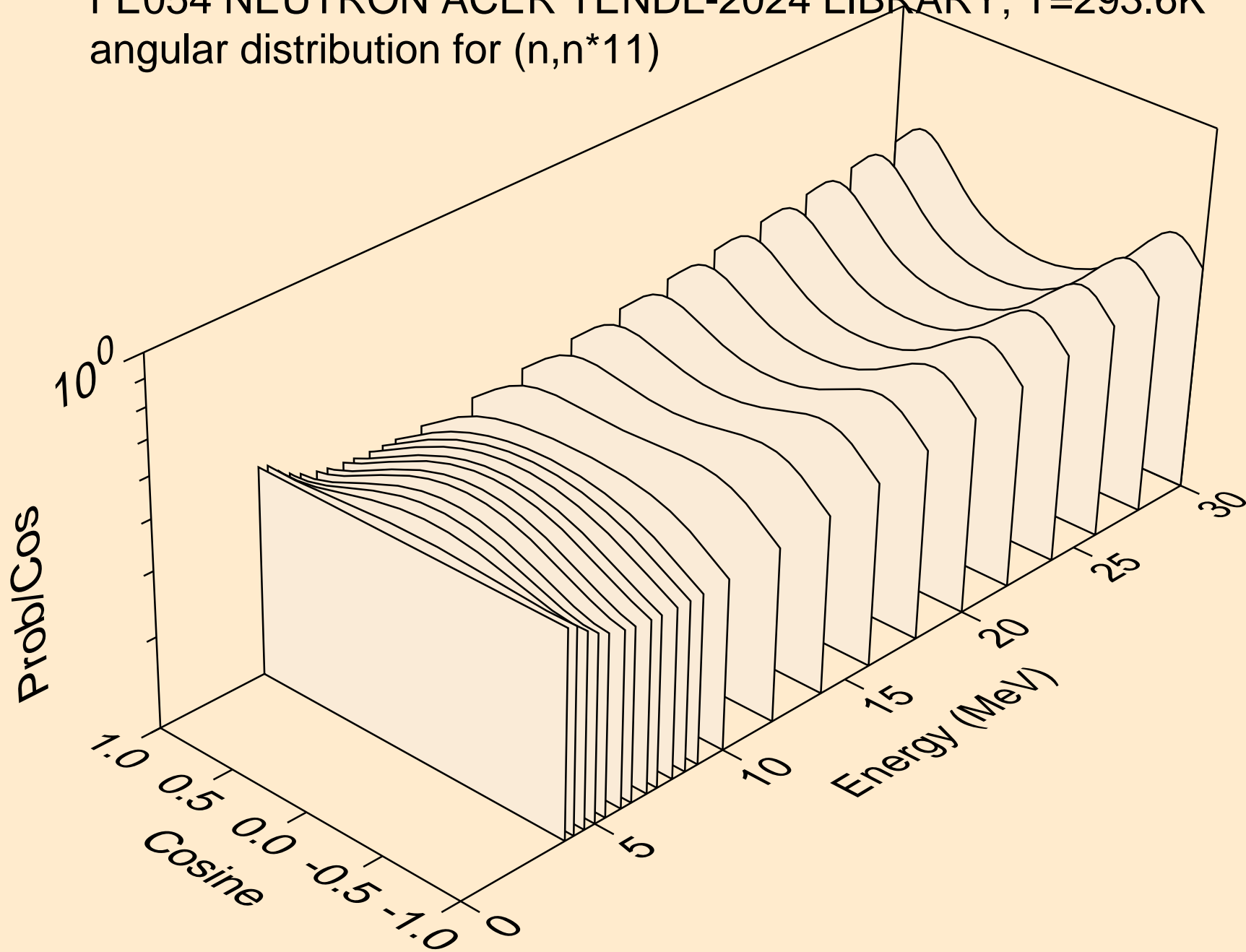
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angular distribution for (n,n*9)



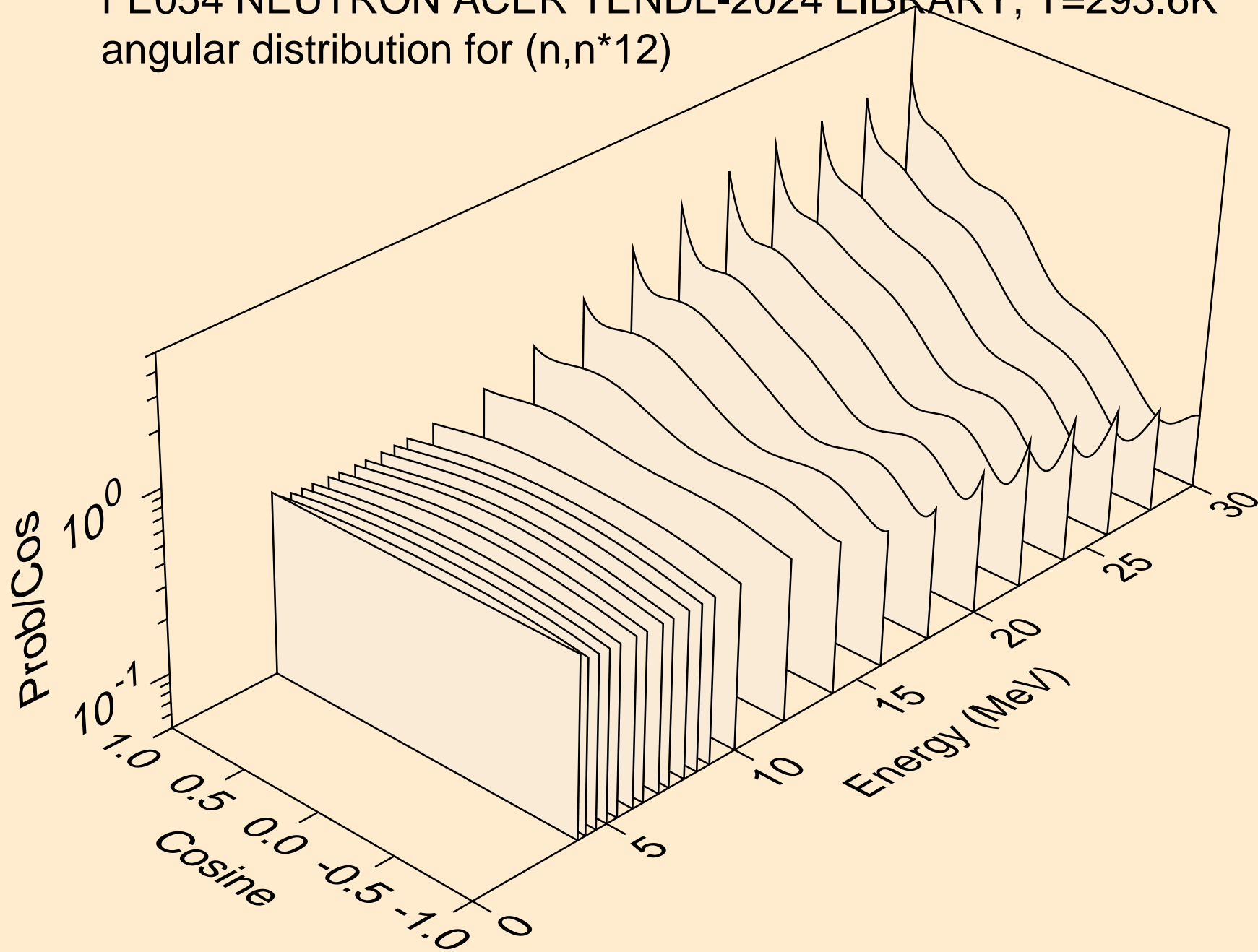
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angular distribution for (n,n*10)



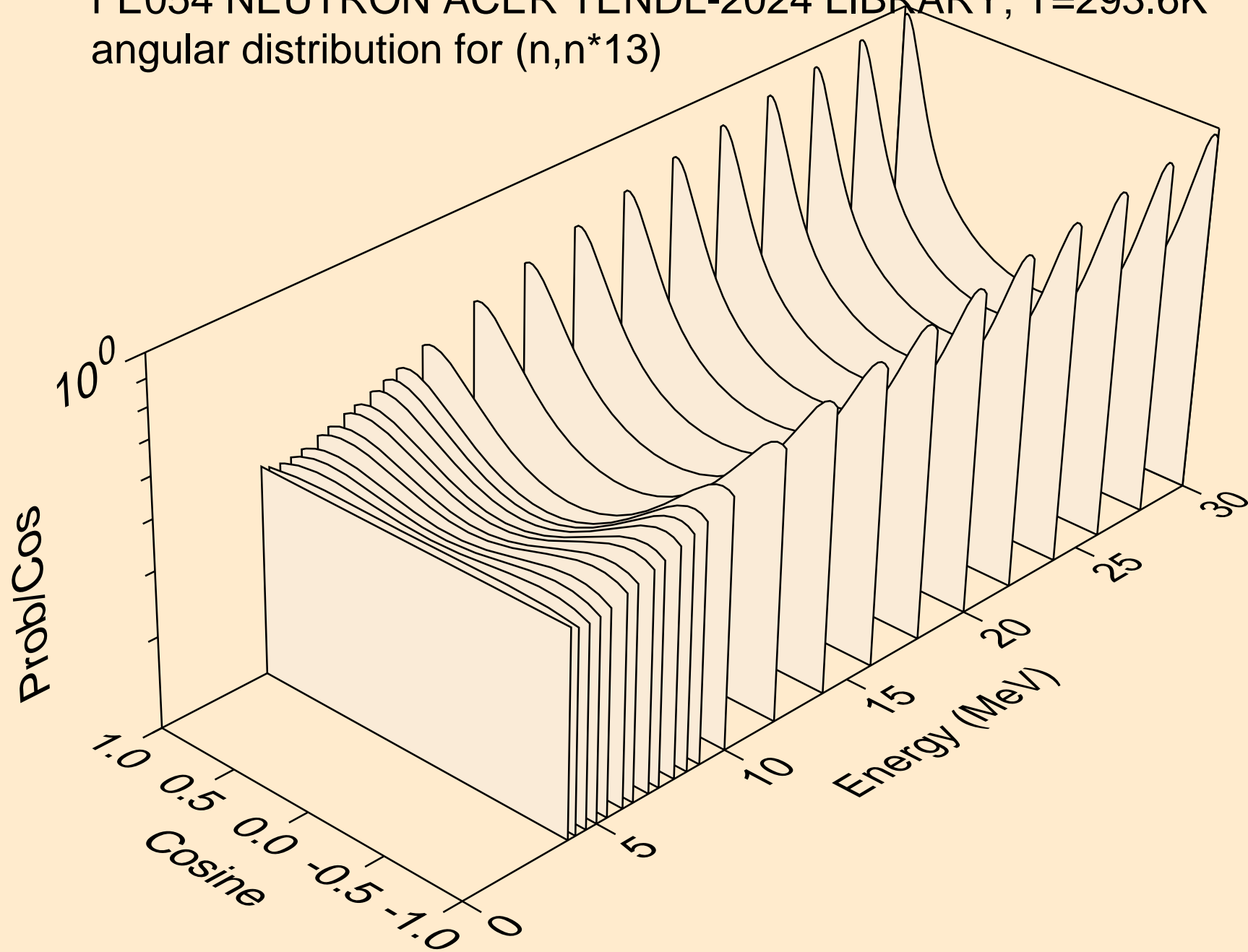
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angular distribution for (n,n*11)



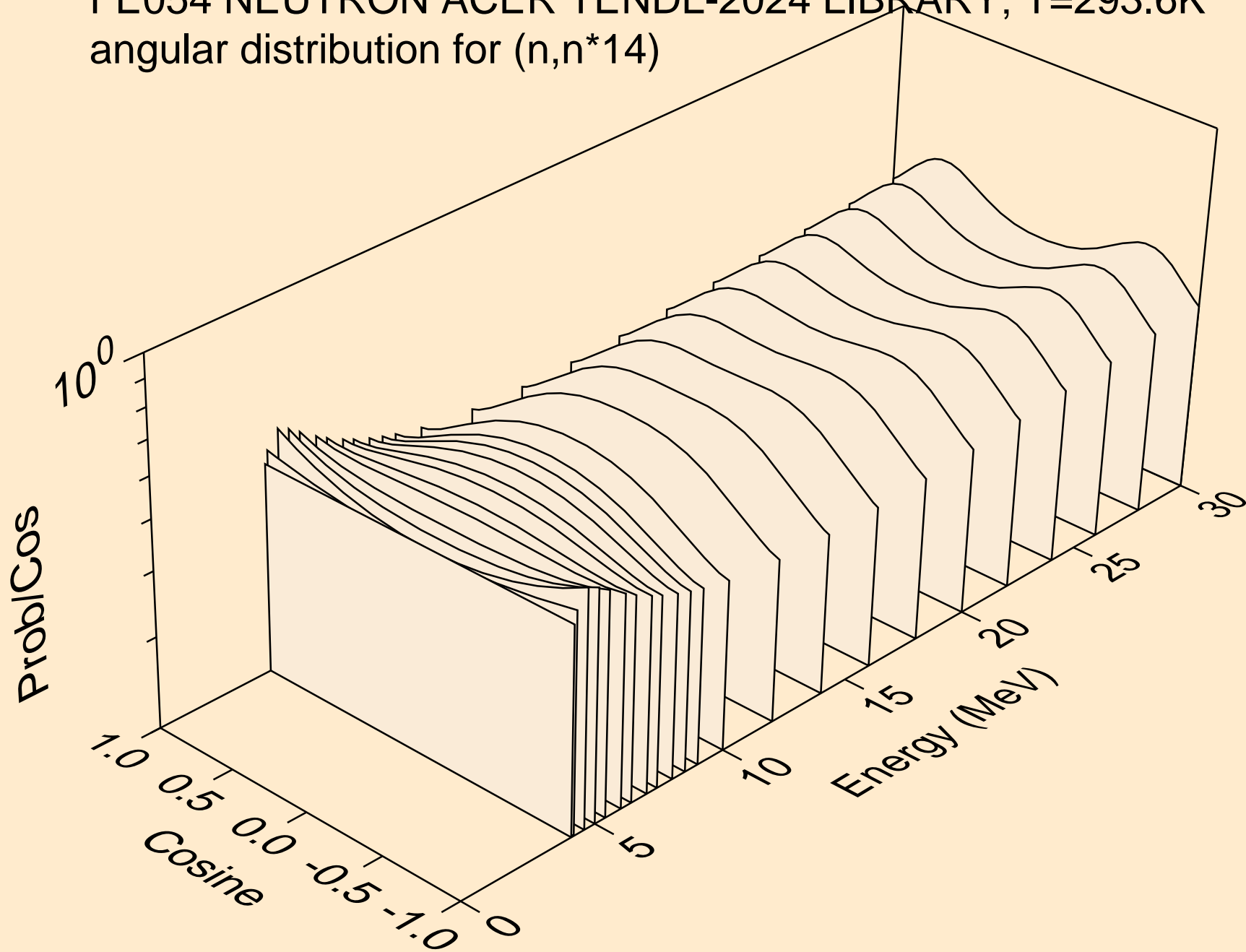
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angular distribution for (n,n*12)



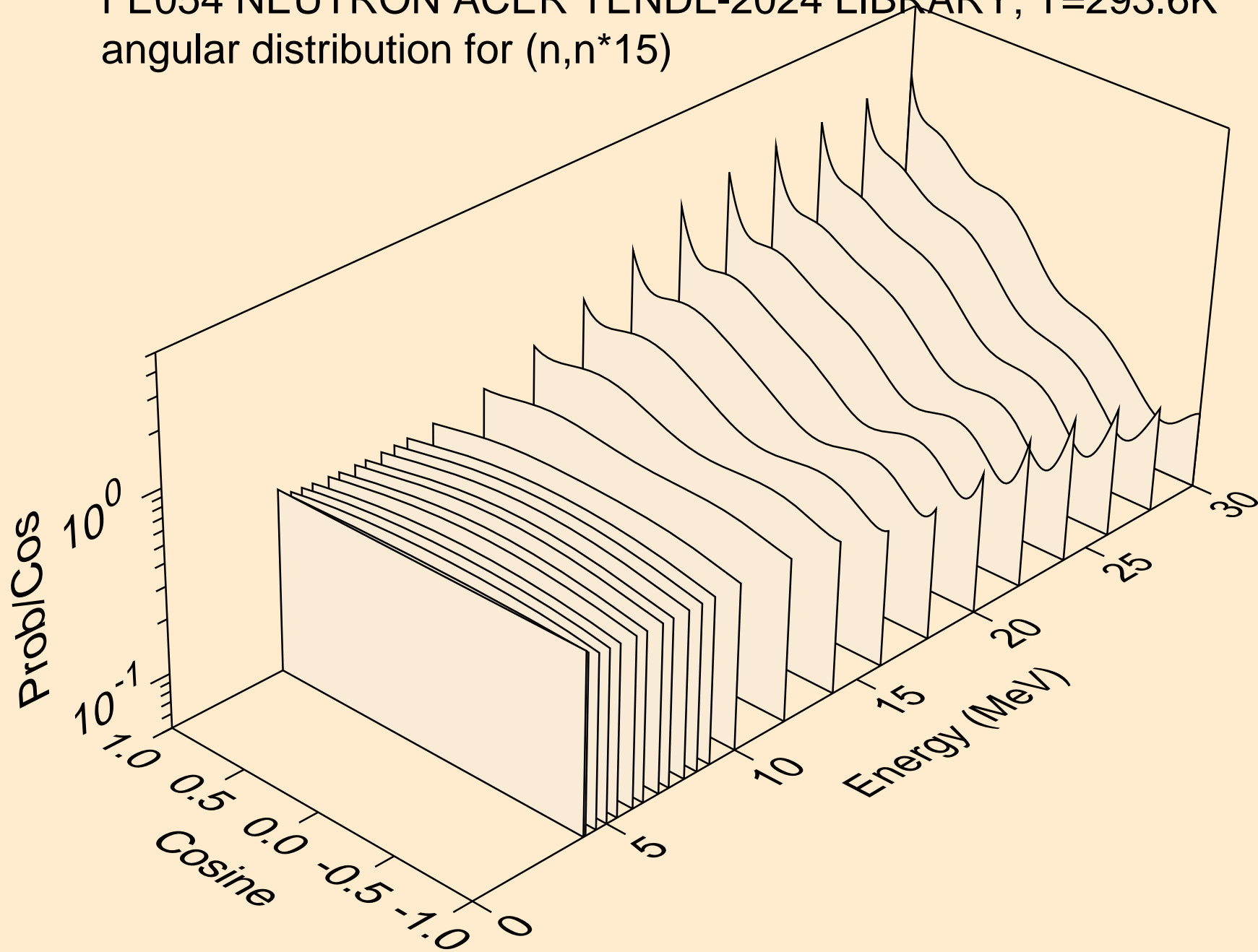
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angular distribution for (n,n*13)



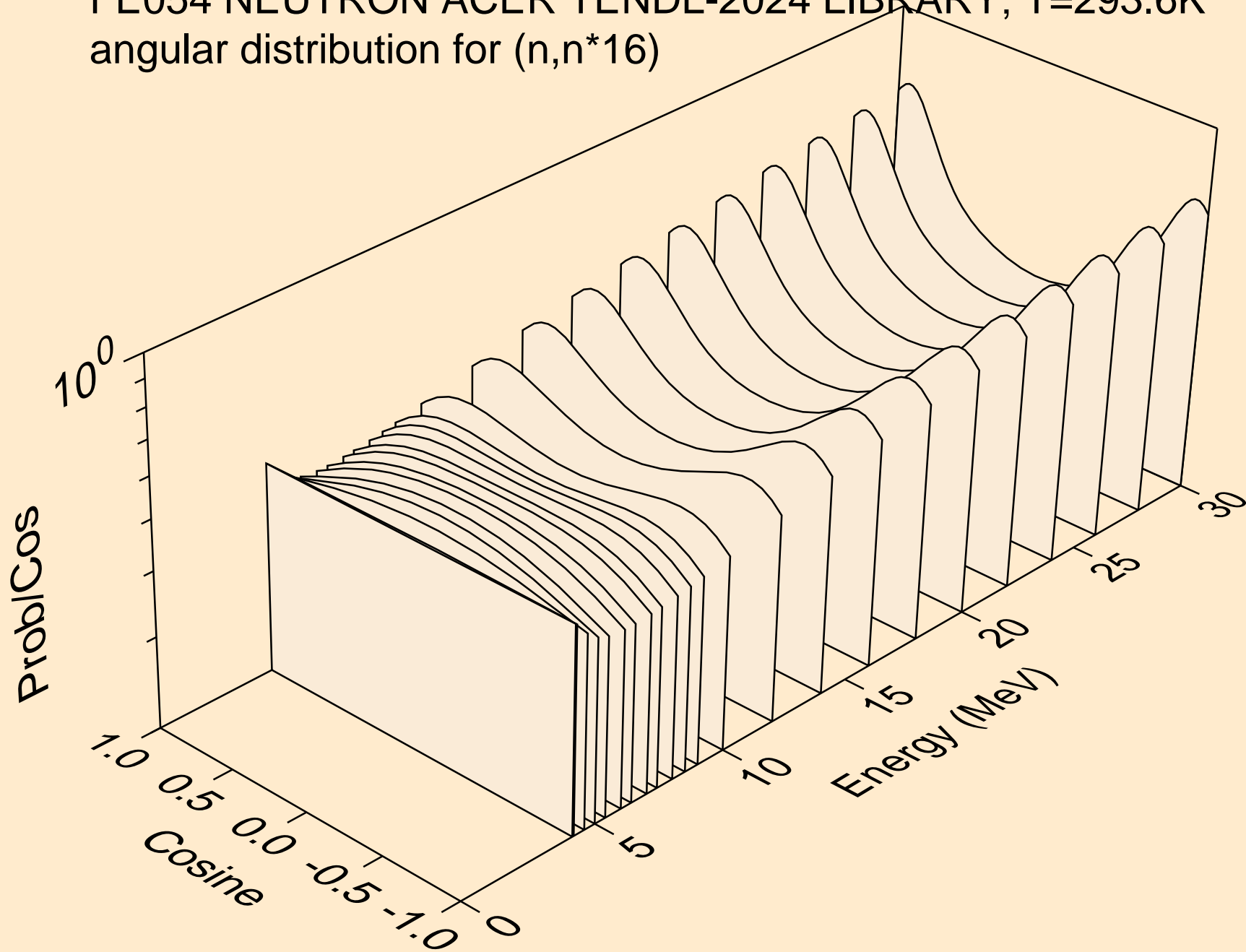
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angular distribution for (n,n*14)



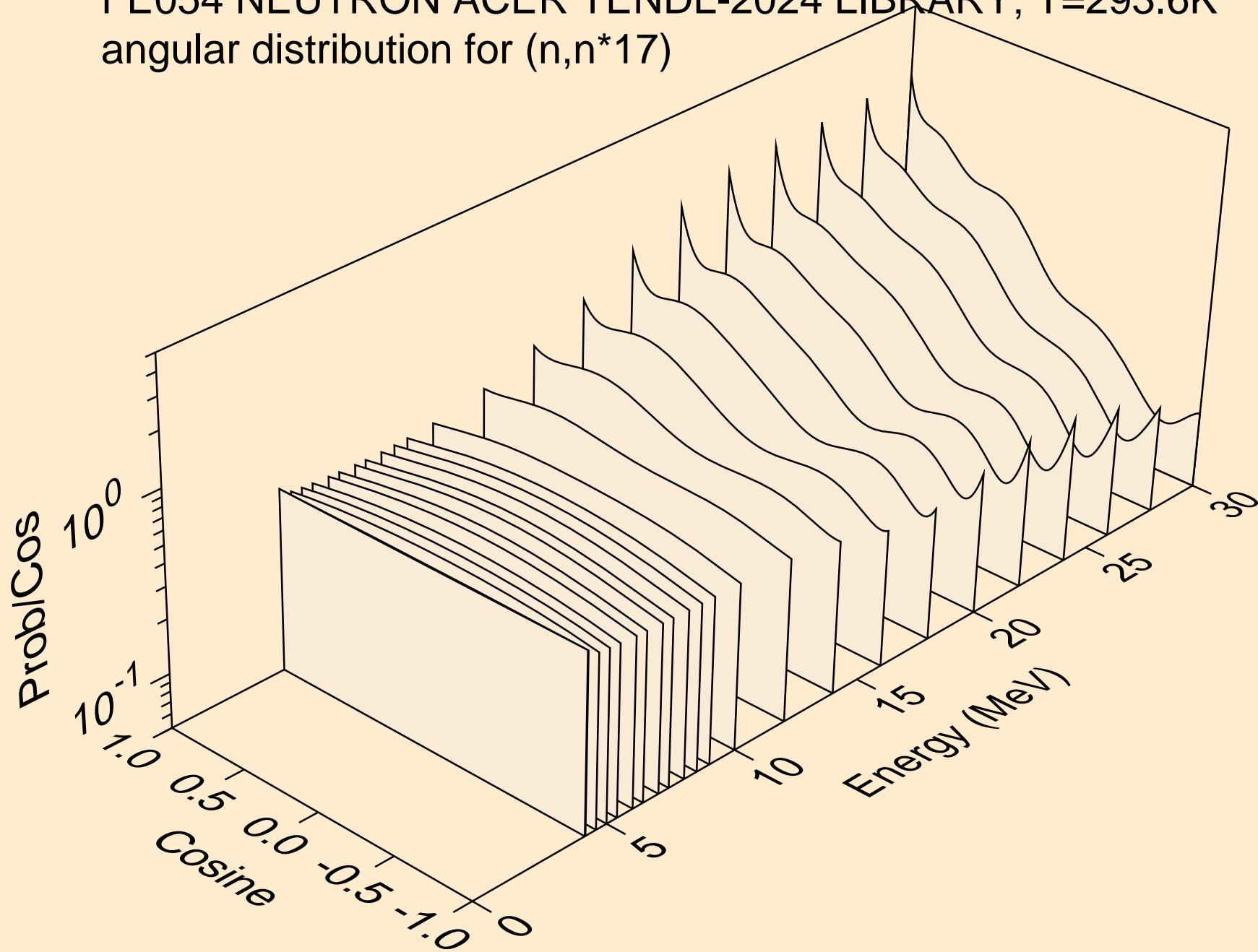
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angular distribution for (n,n*15)



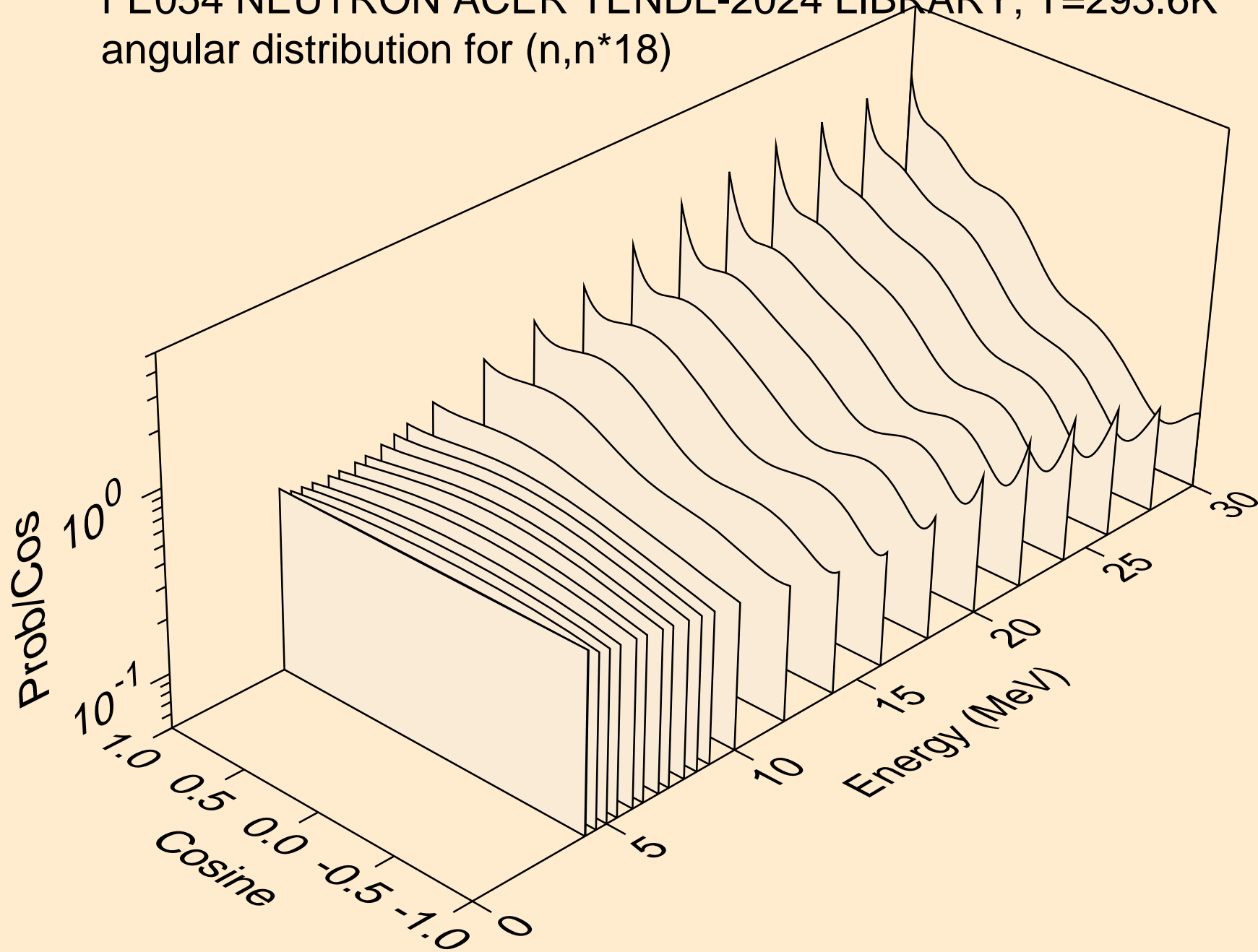
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angular distribution for (n,n*16)



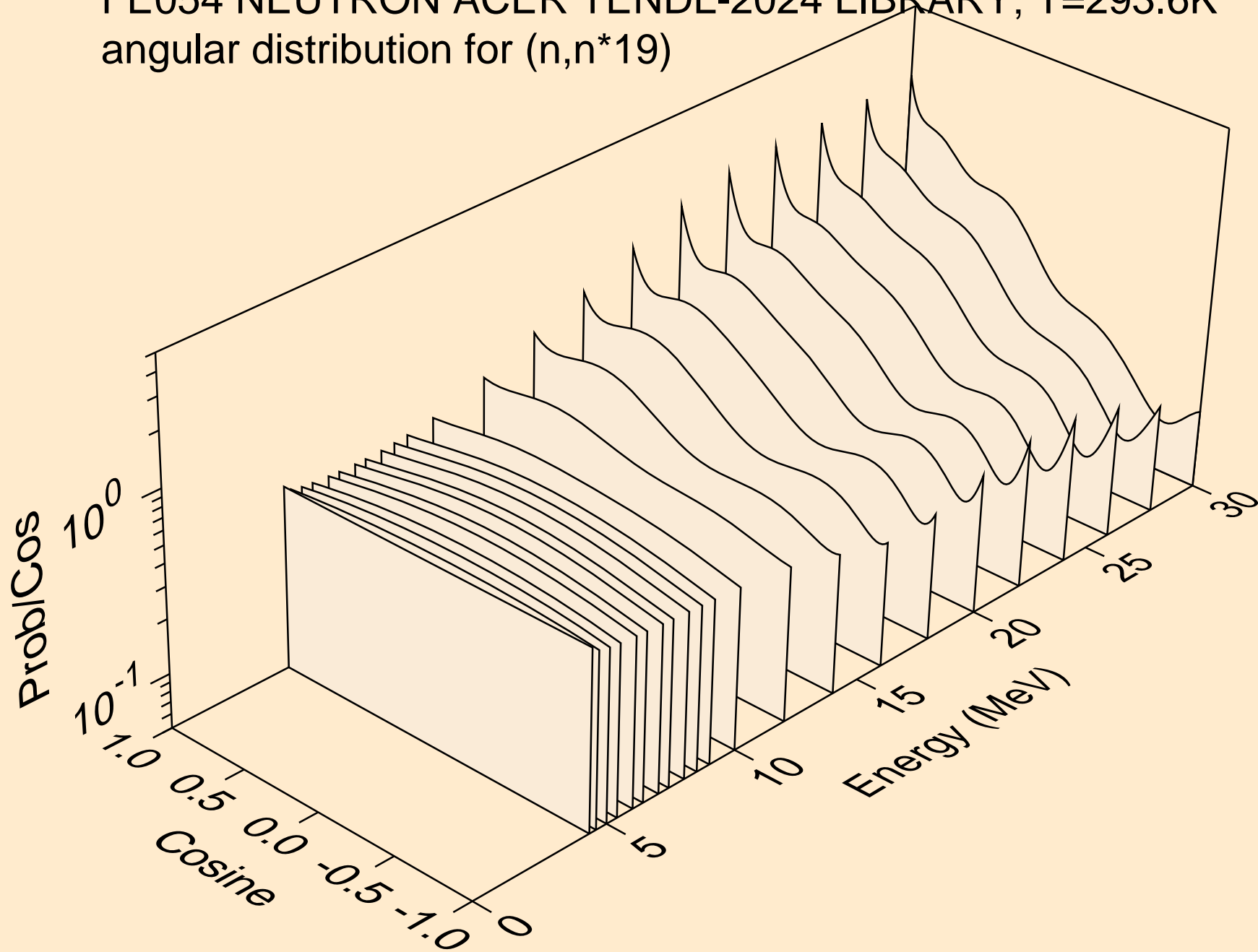
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angular distribution for (n,n*17)



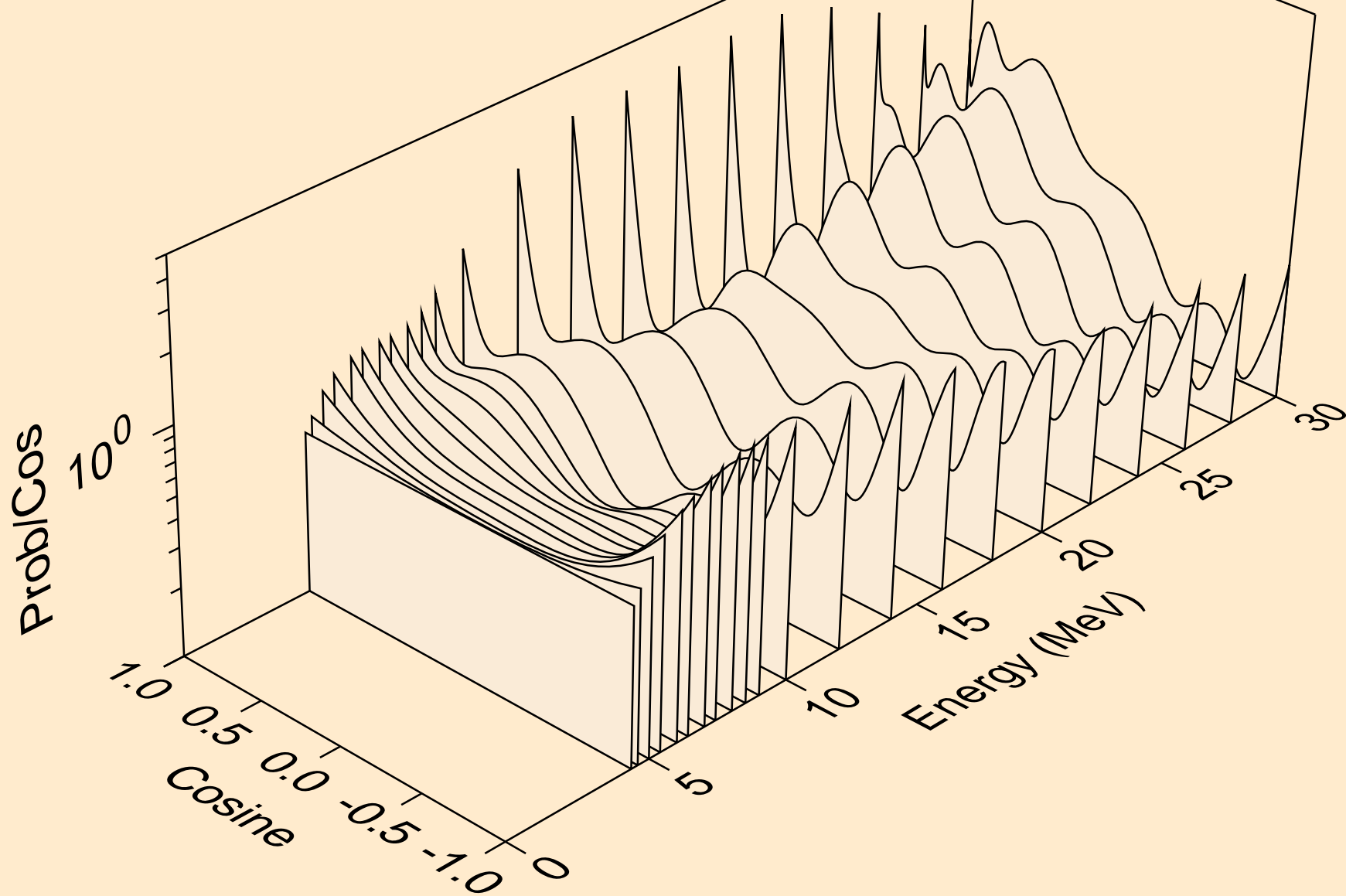
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angular distribution for (n,n*18)



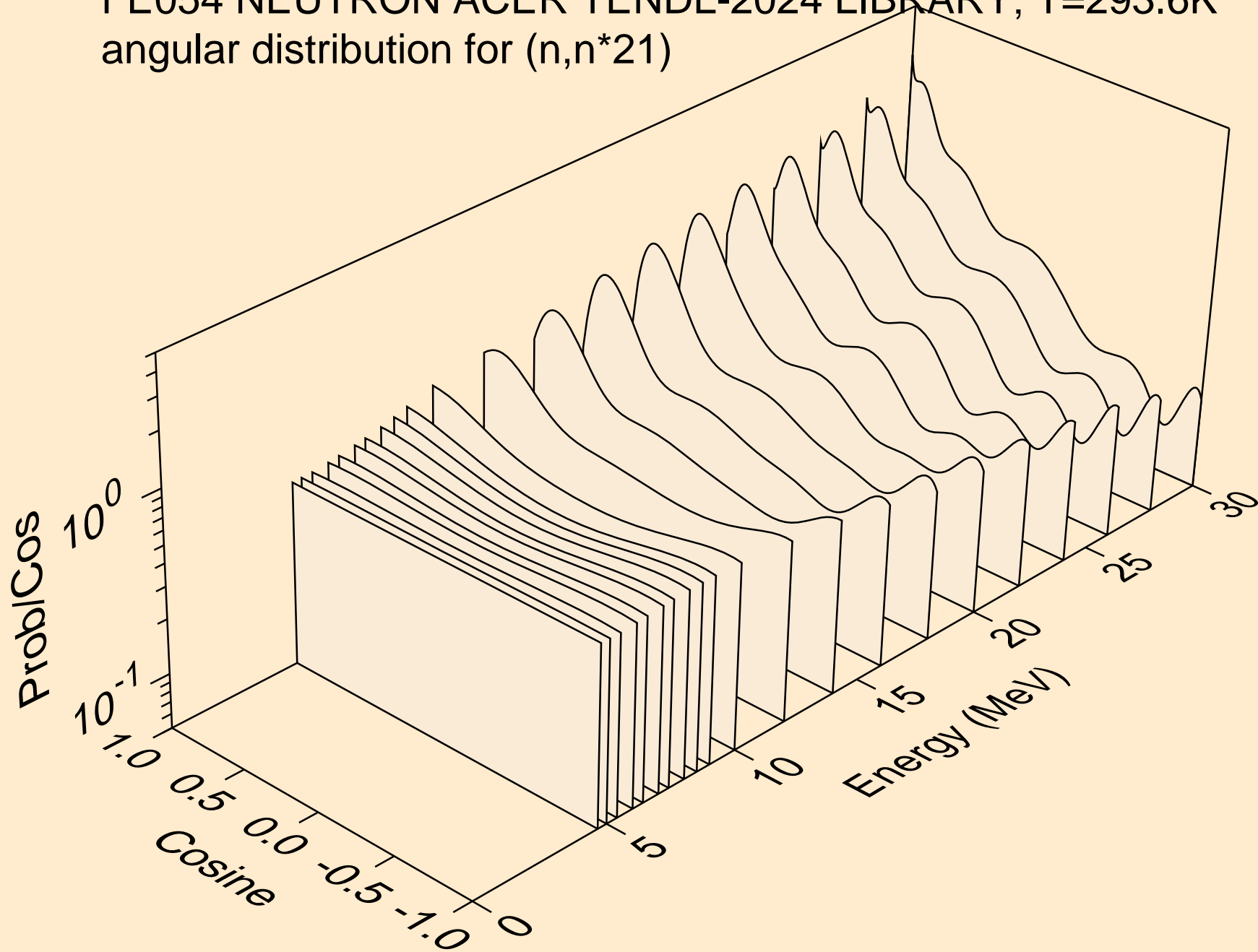
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angular distribution for (n,n*19)



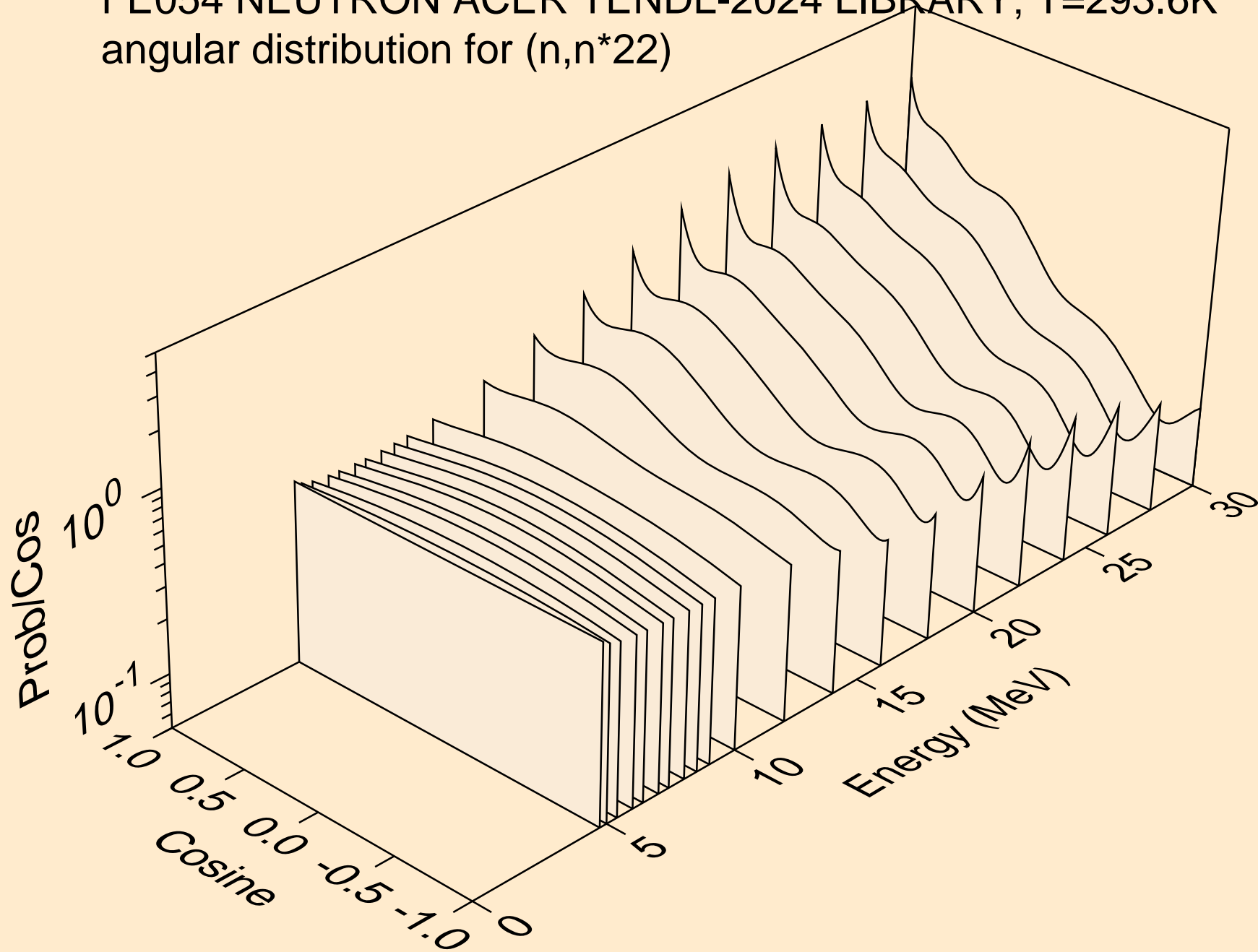
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angular distribution for (n,n*20)



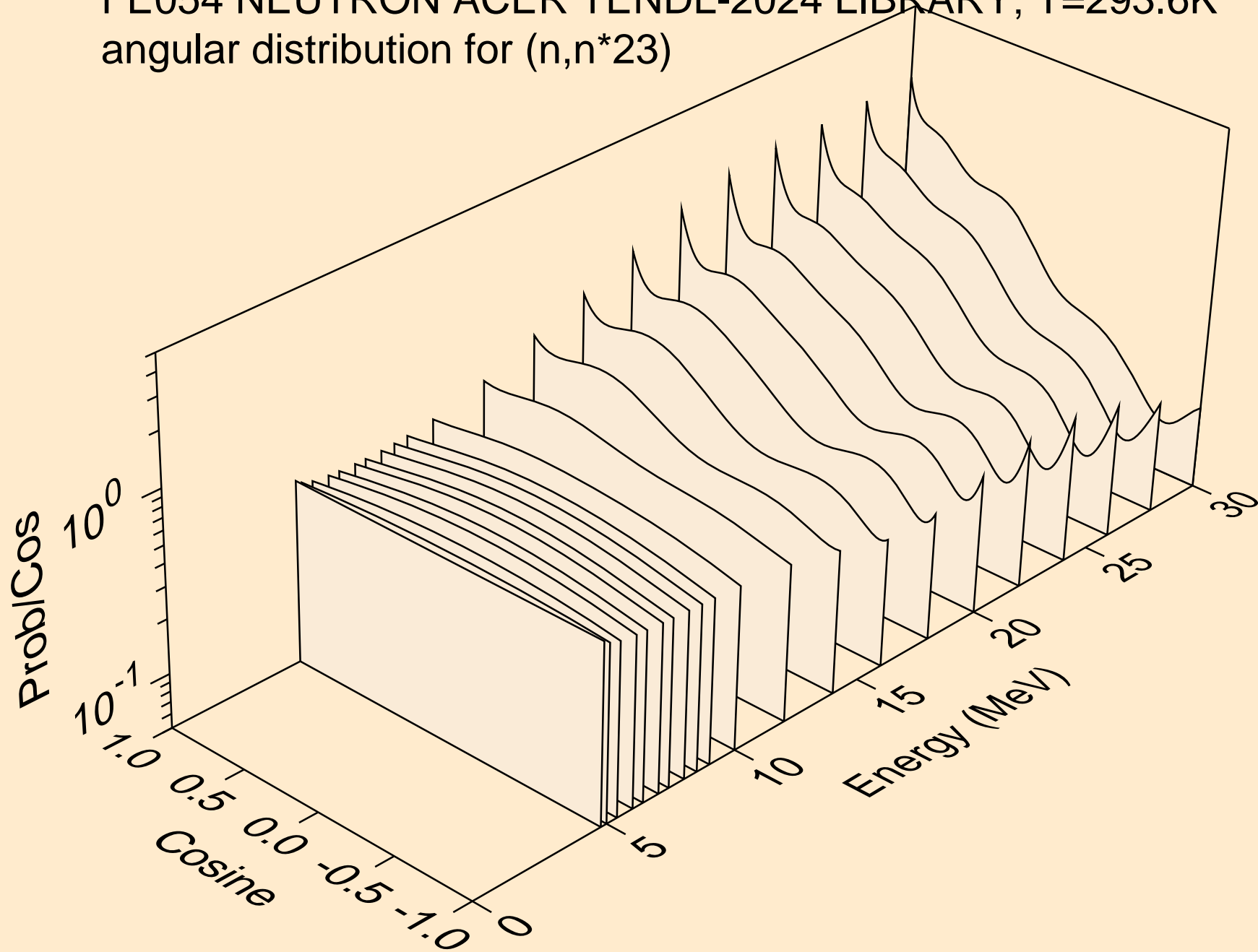
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angular distribution for (n,n*21)



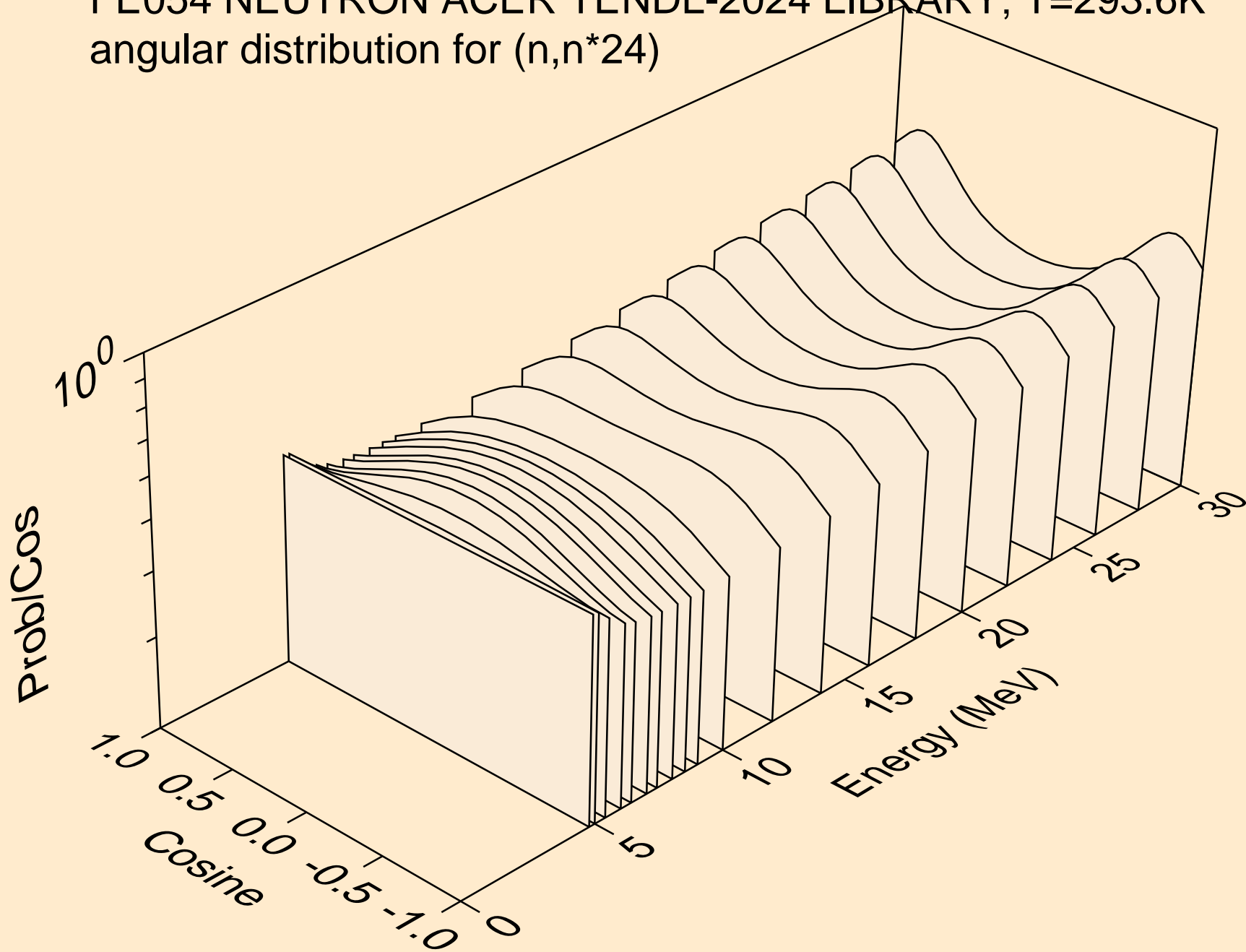
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angular distribution for (n,n*22)



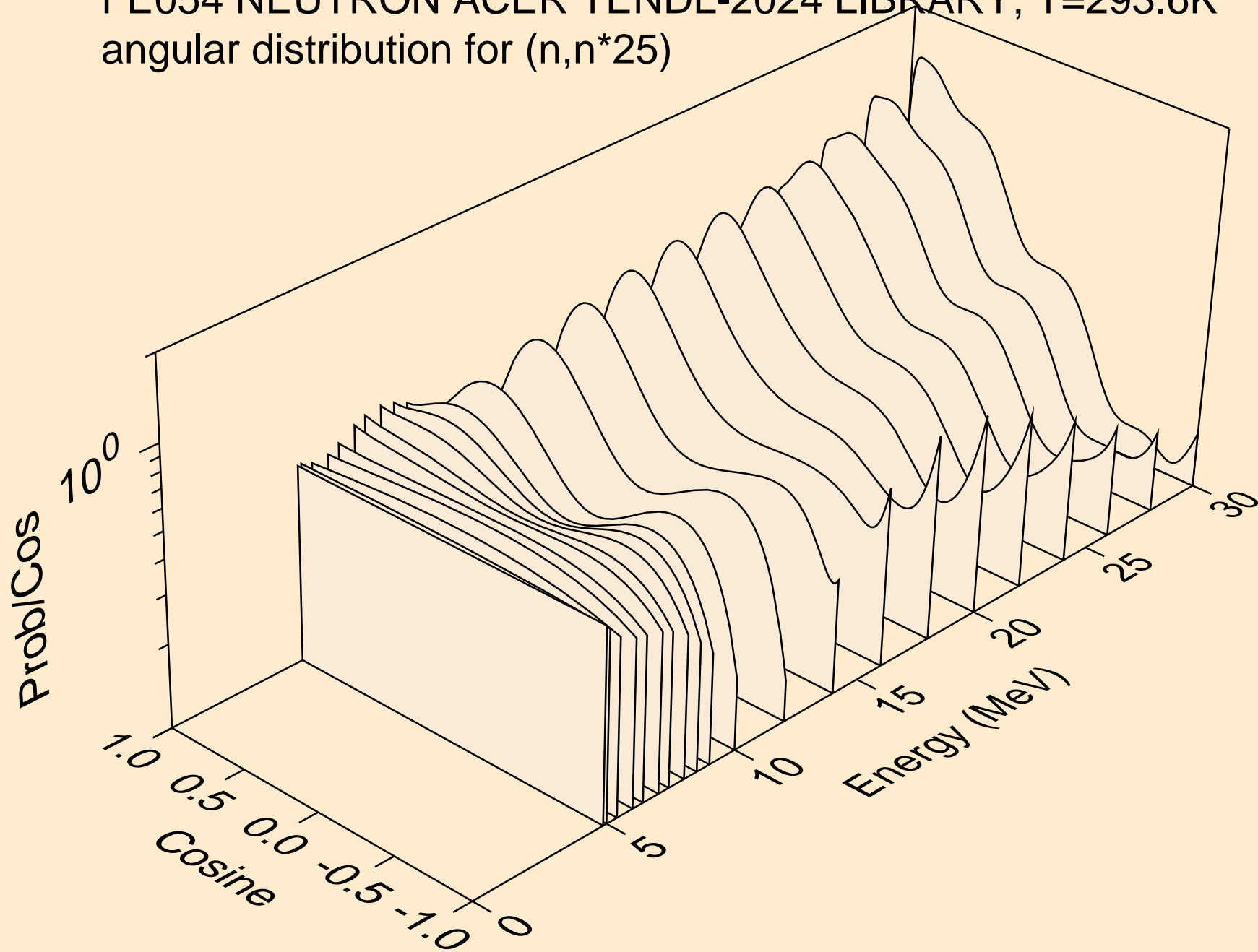
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angular distribution for (n,n*23)



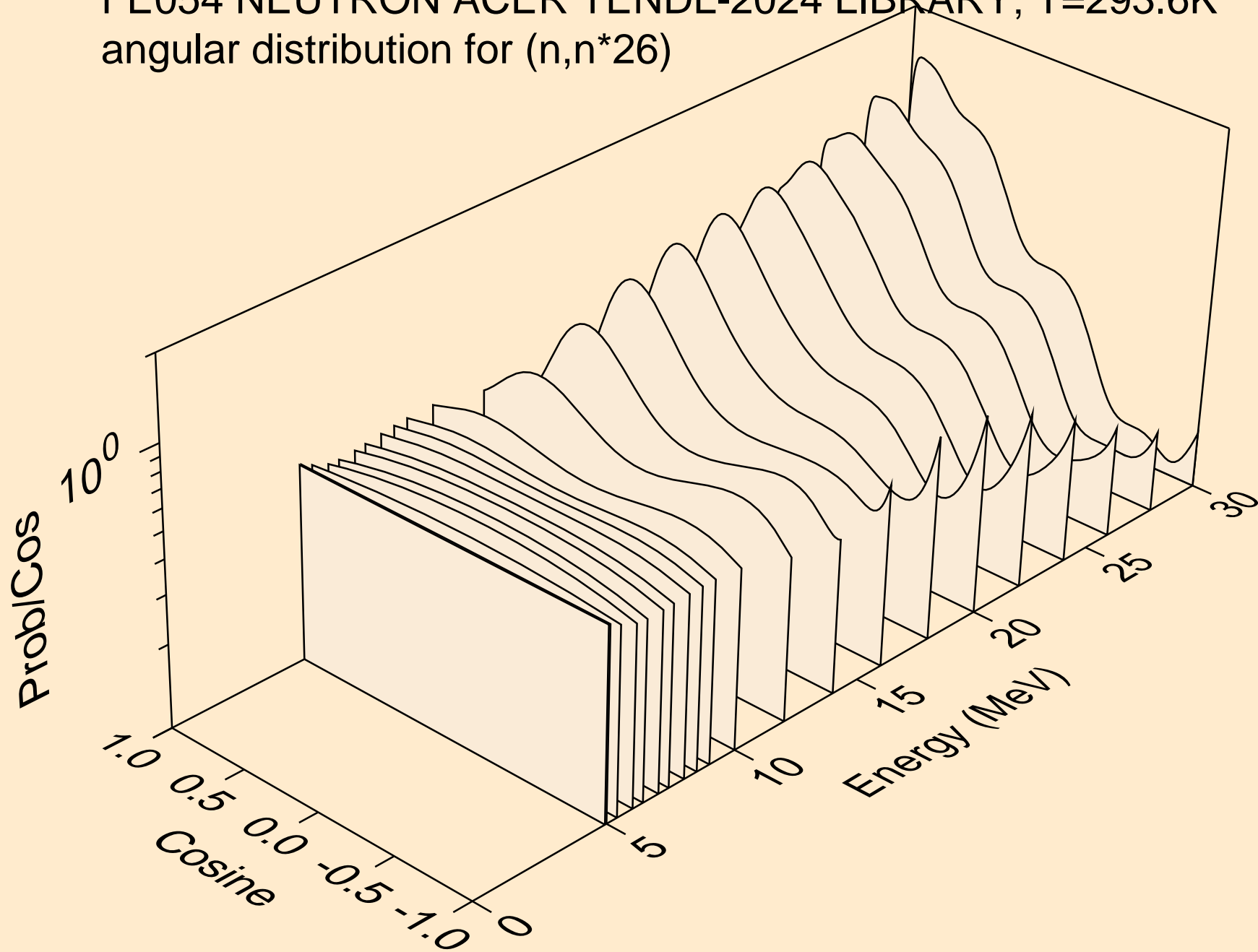
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angular distribution for (n,n*24)



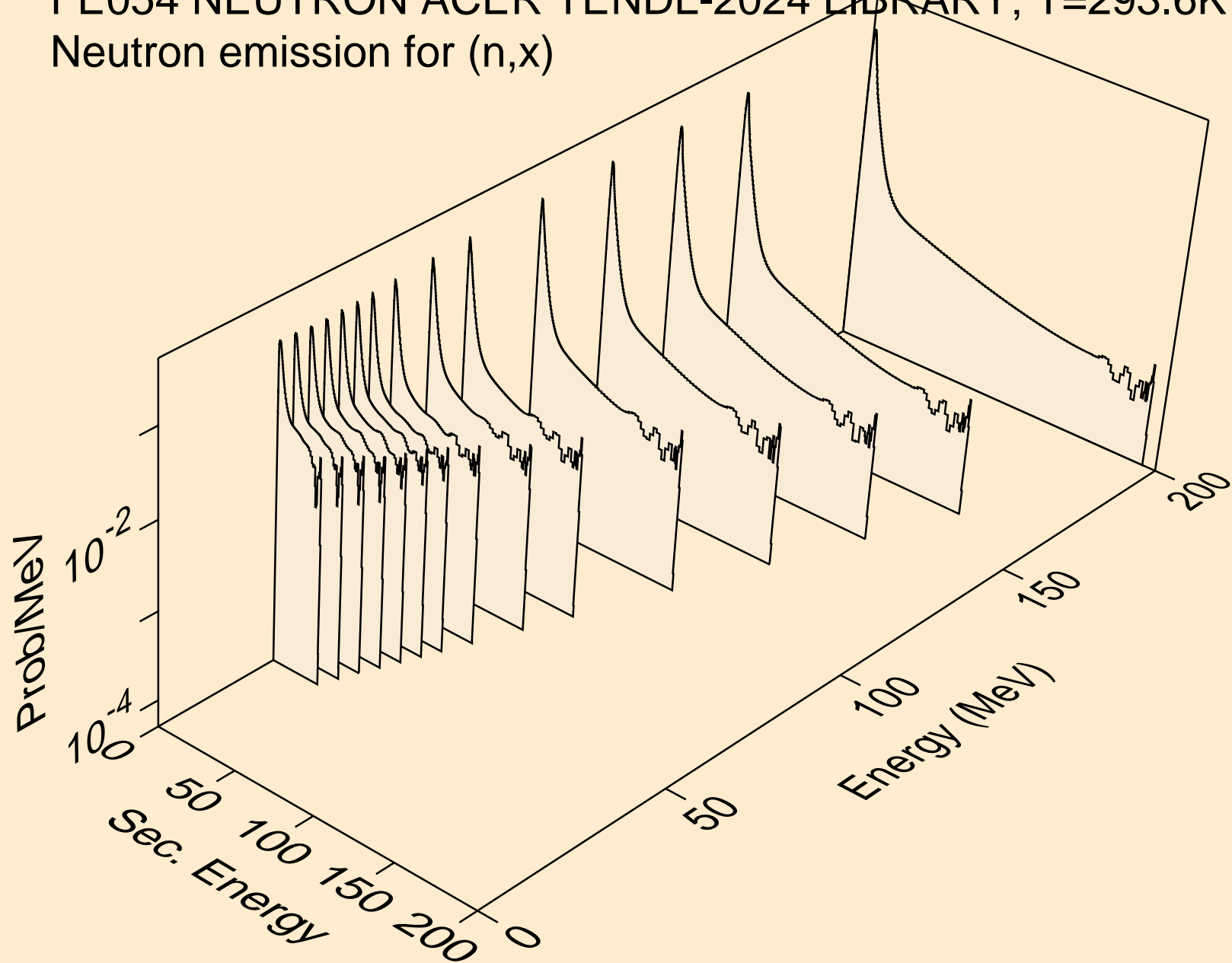
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angular distribution for (n,n*25)



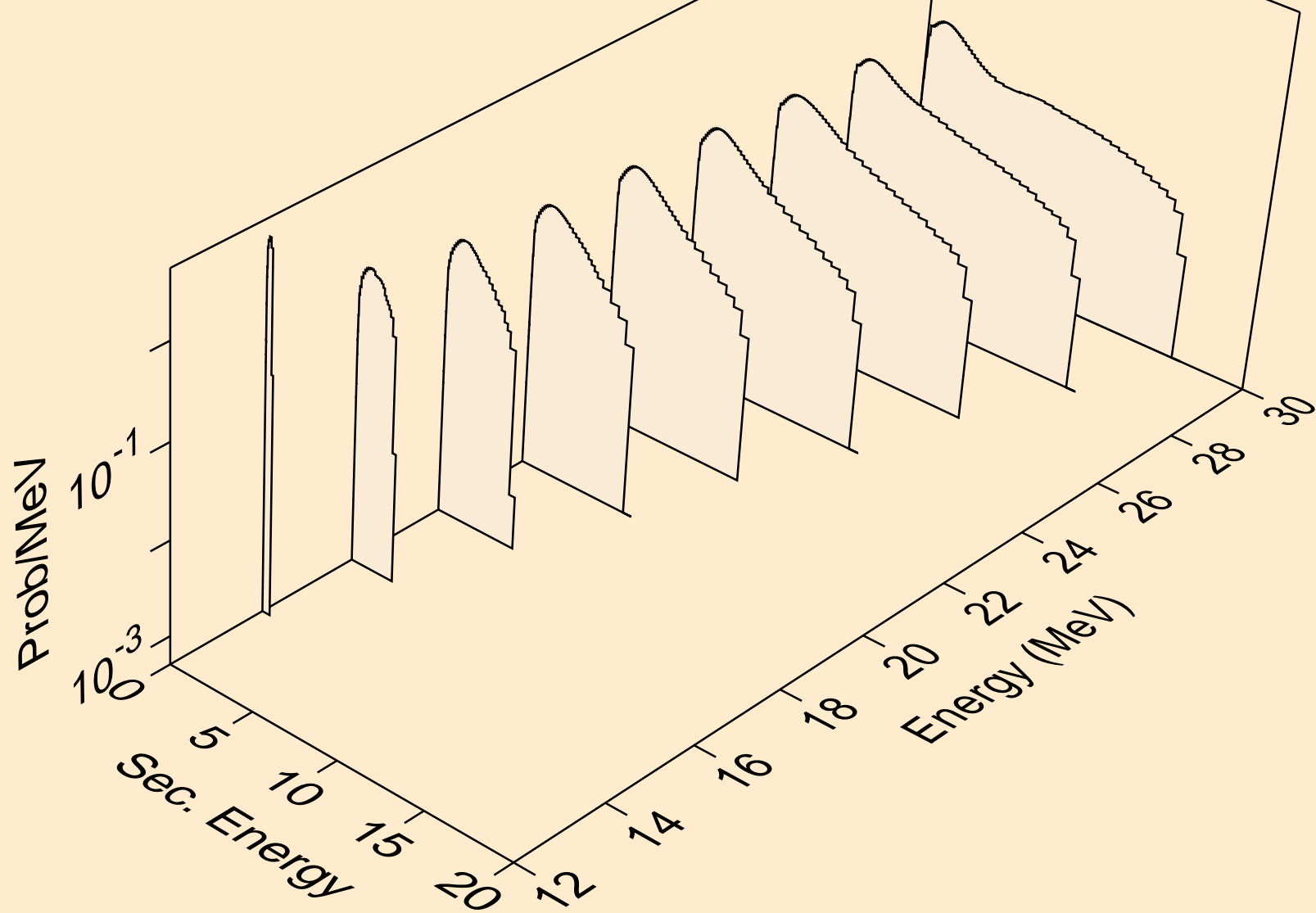
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



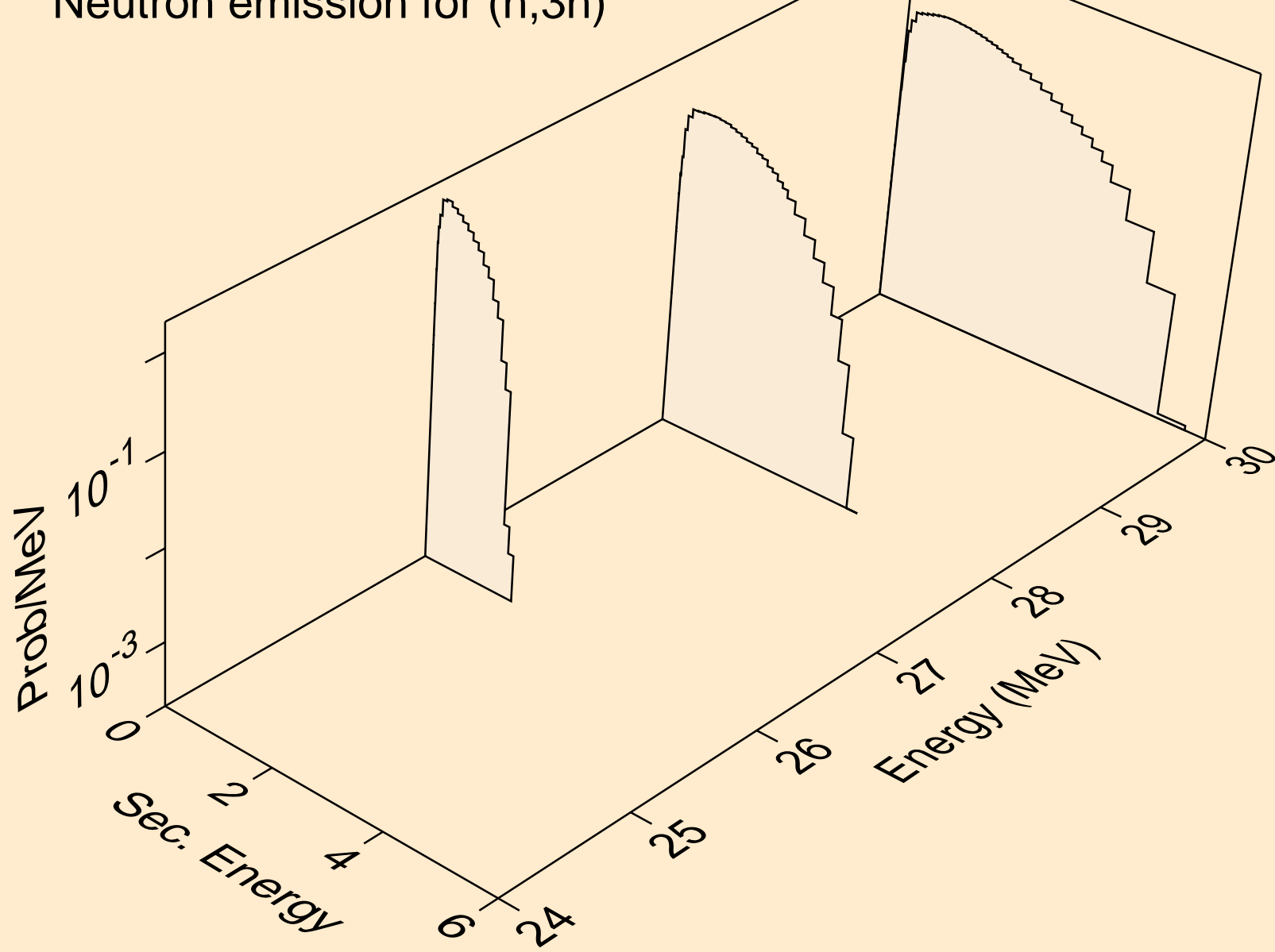
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



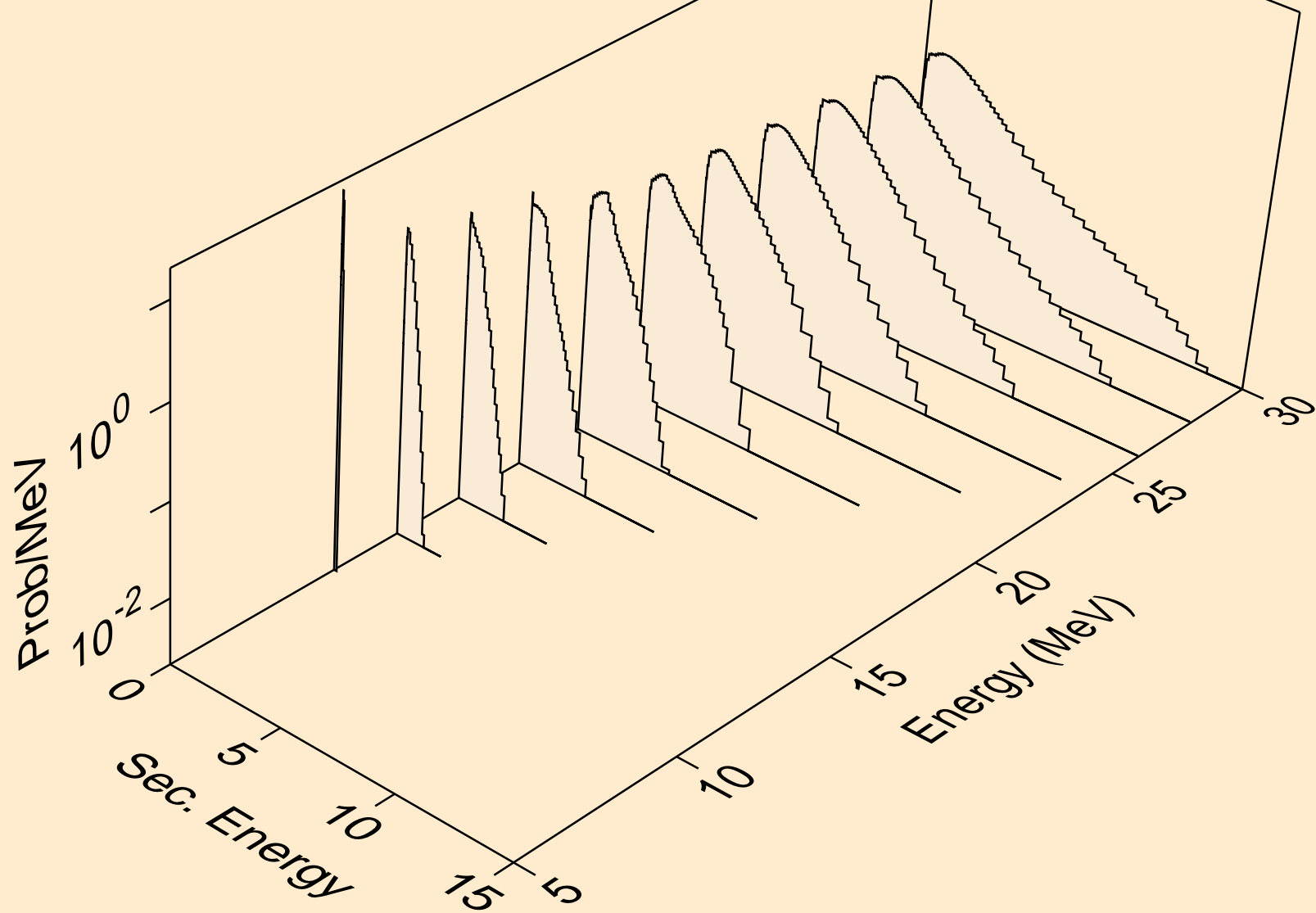
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



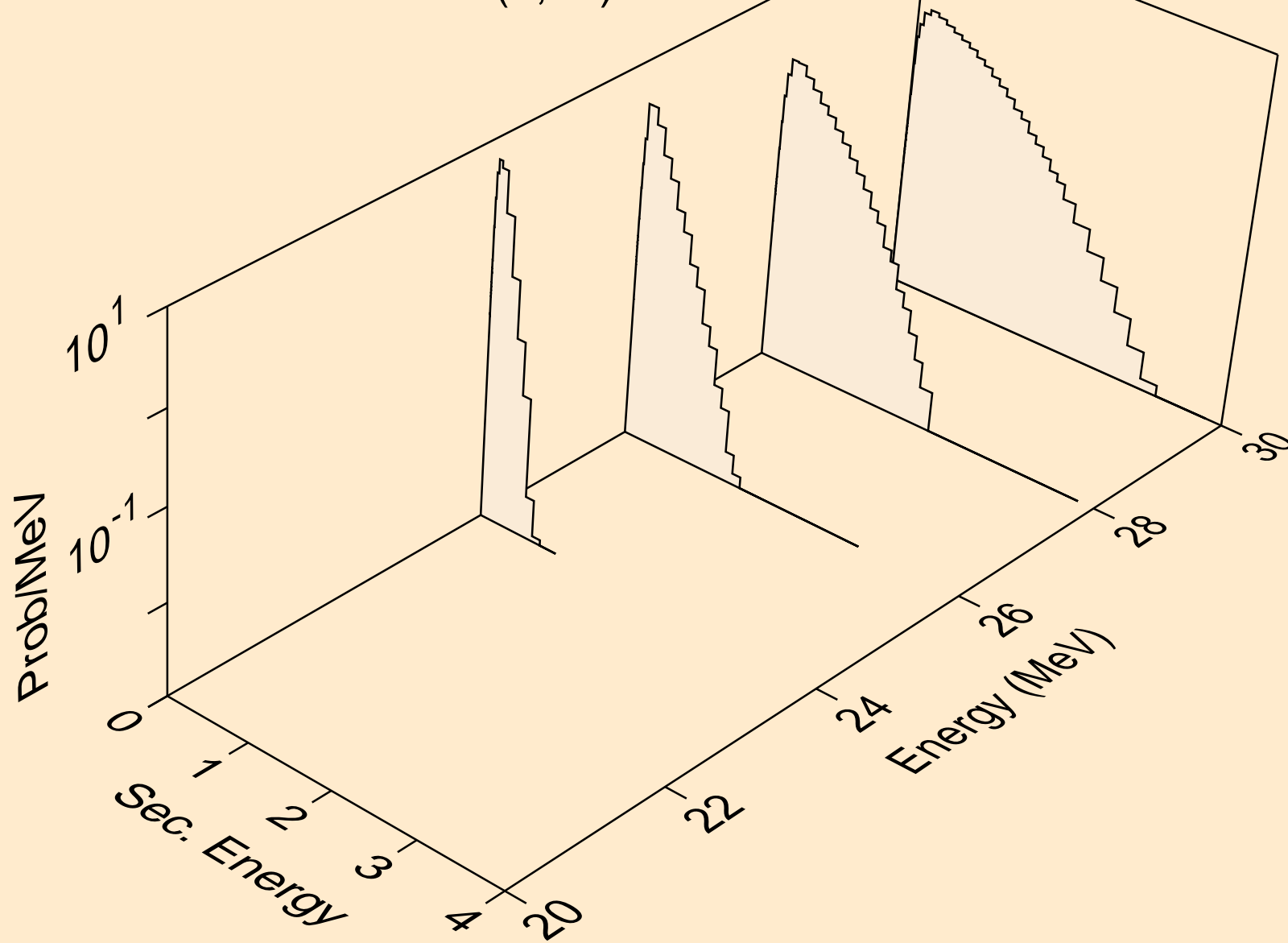
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



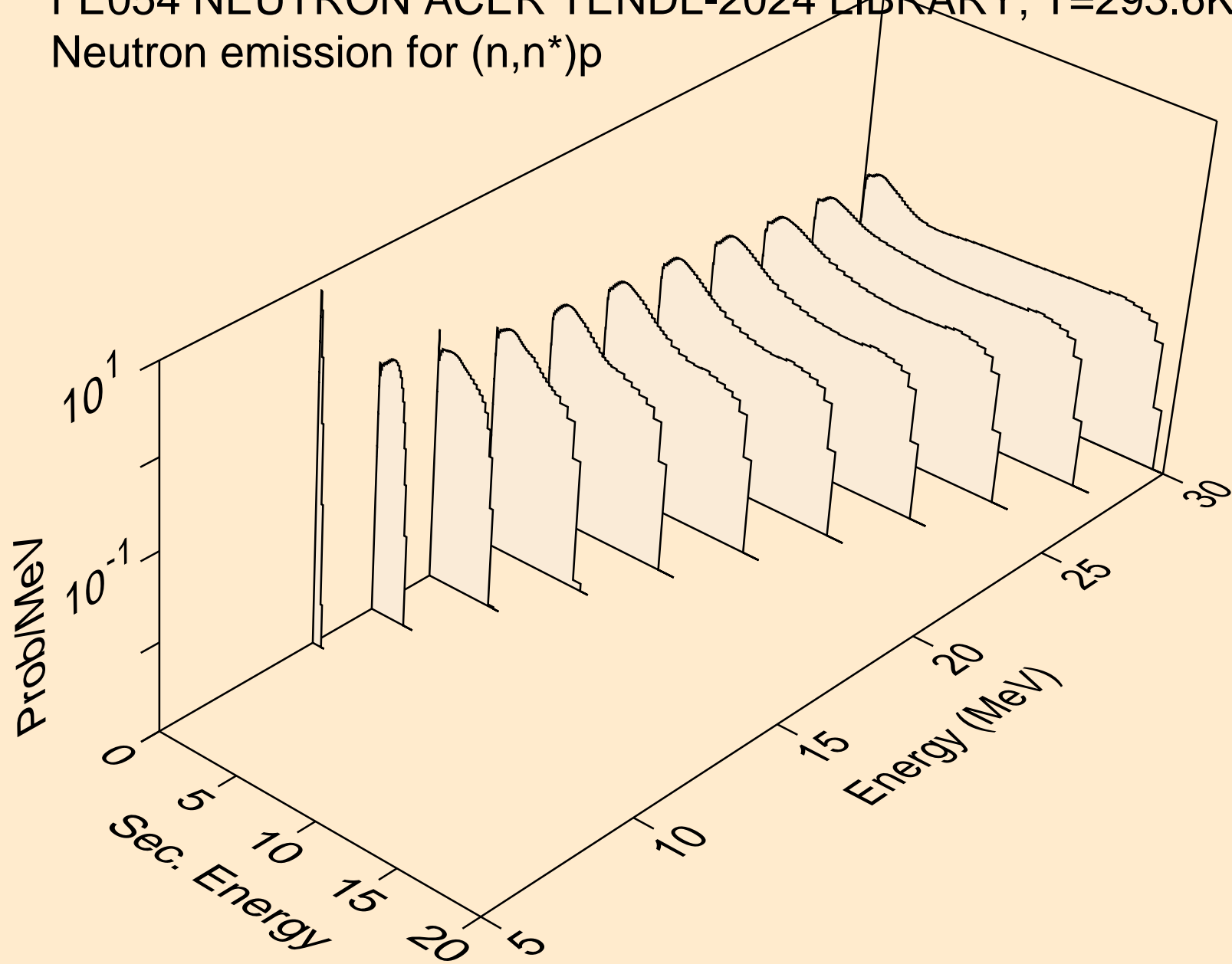
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



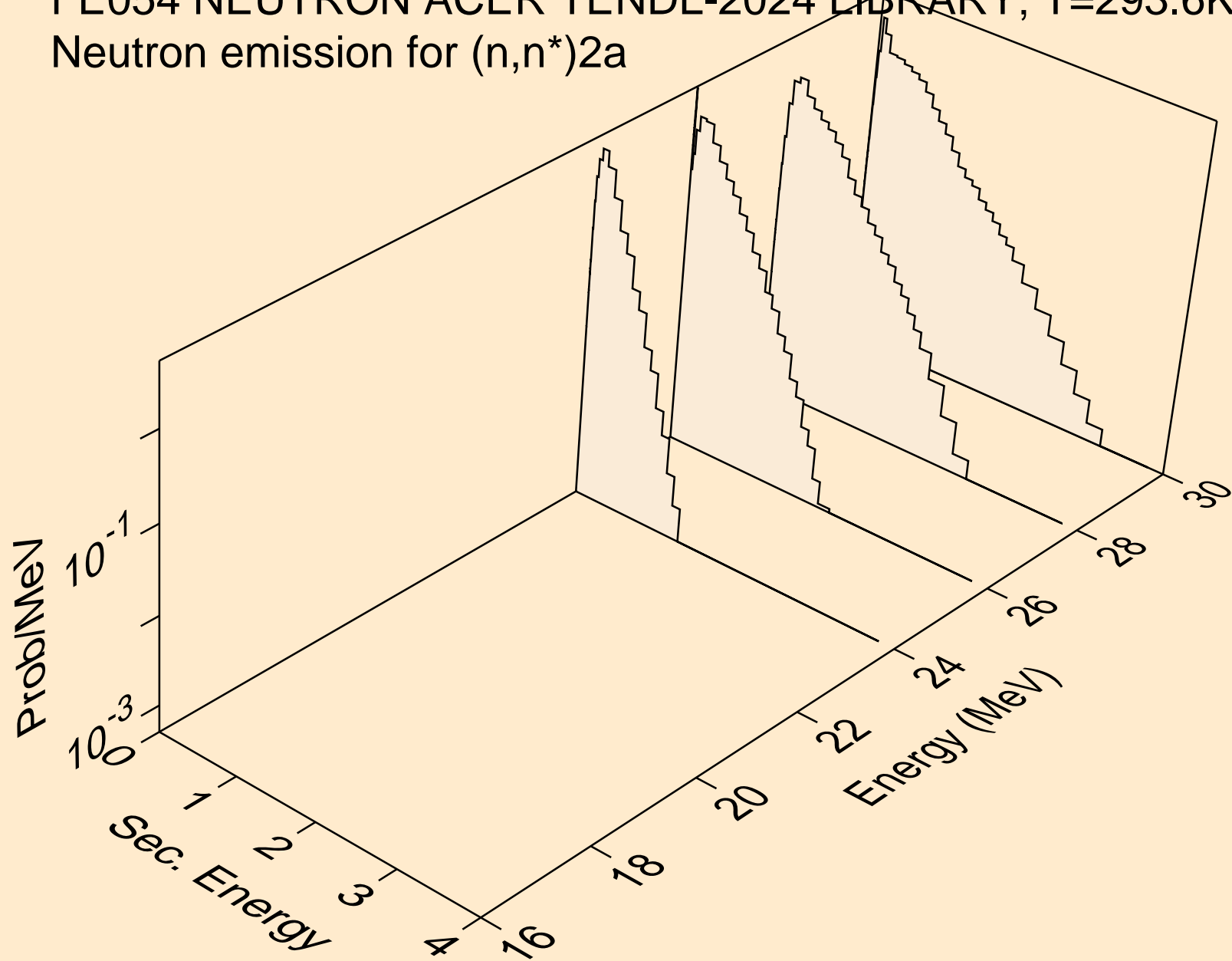
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)a



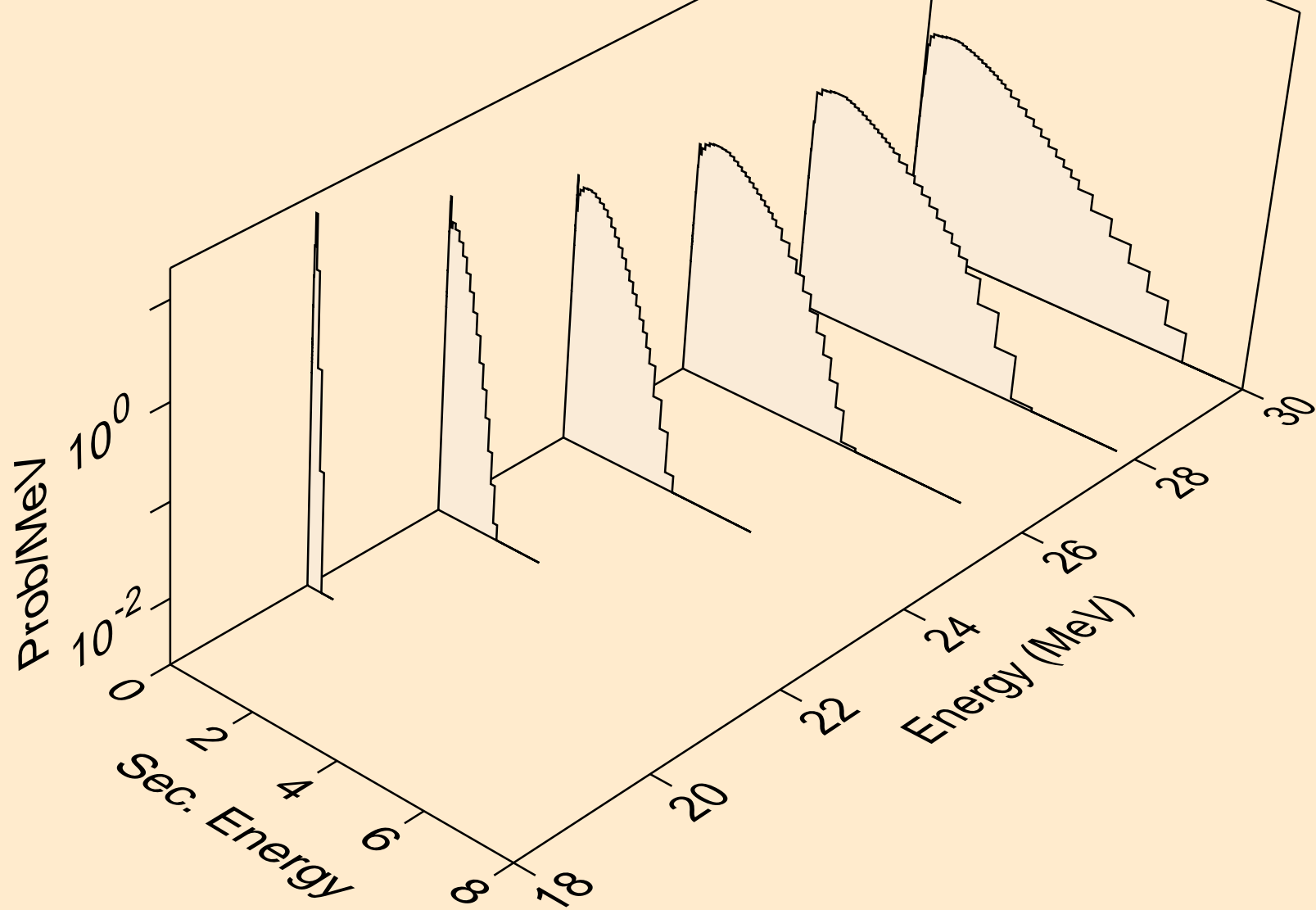
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



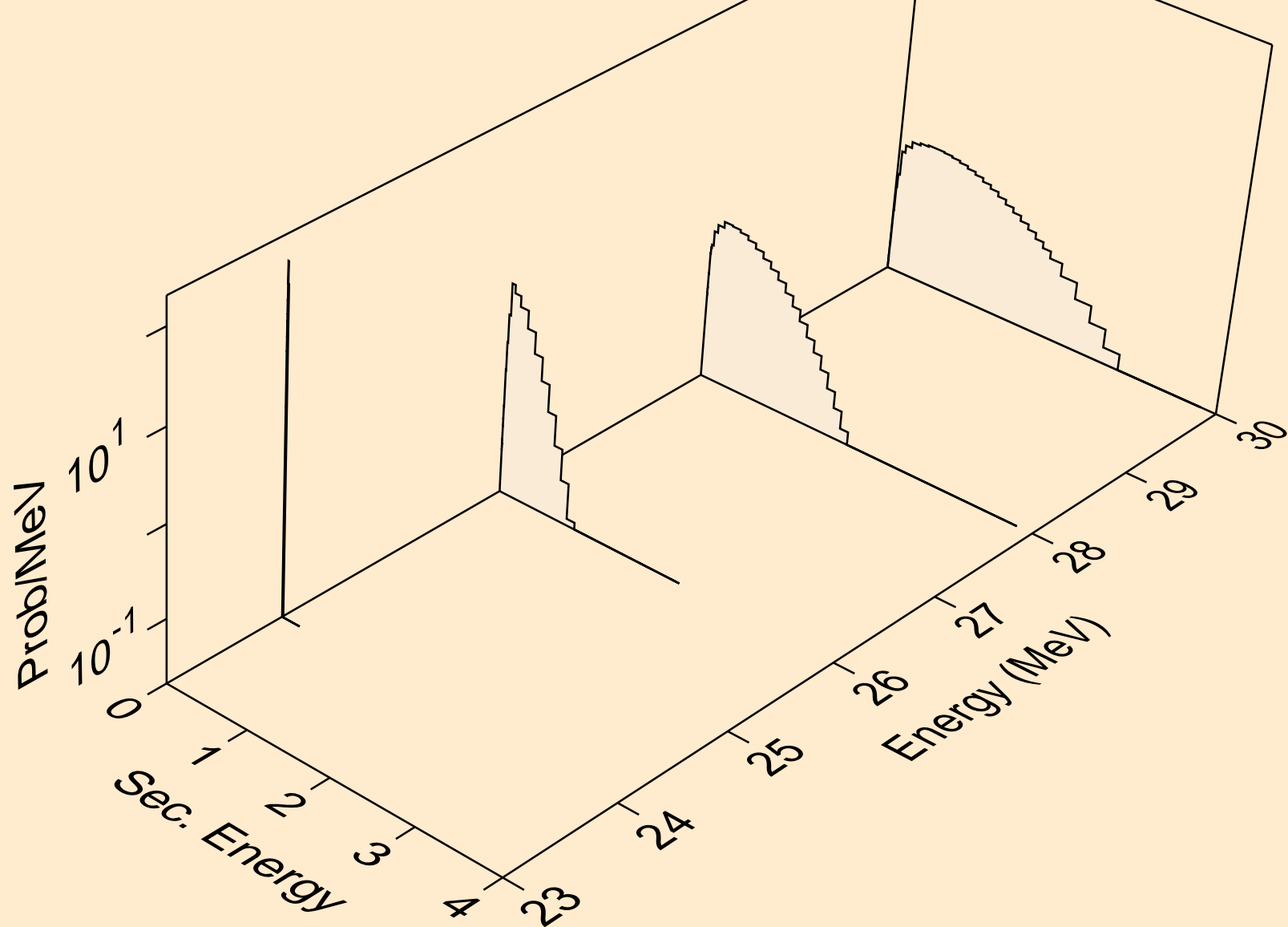
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



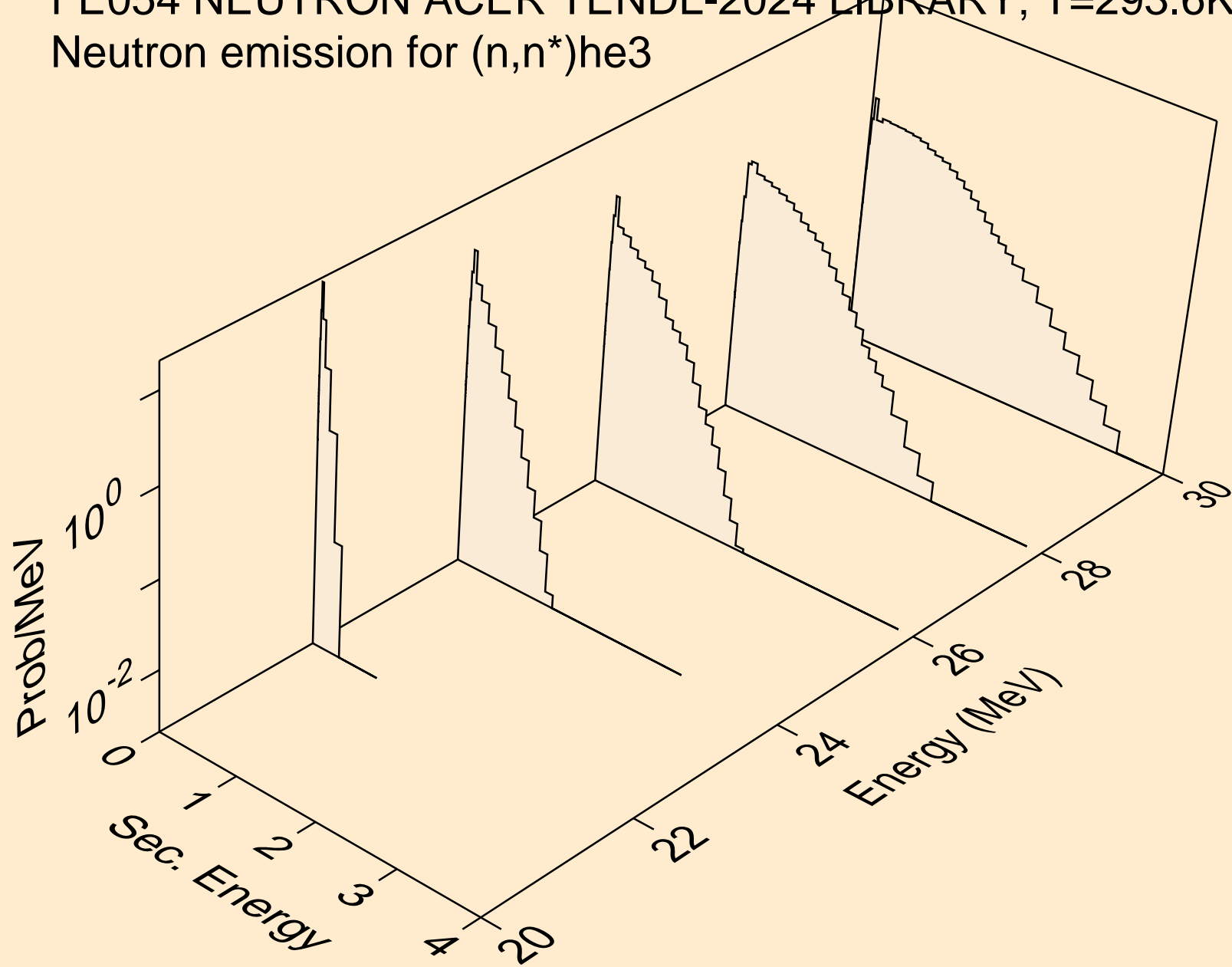
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



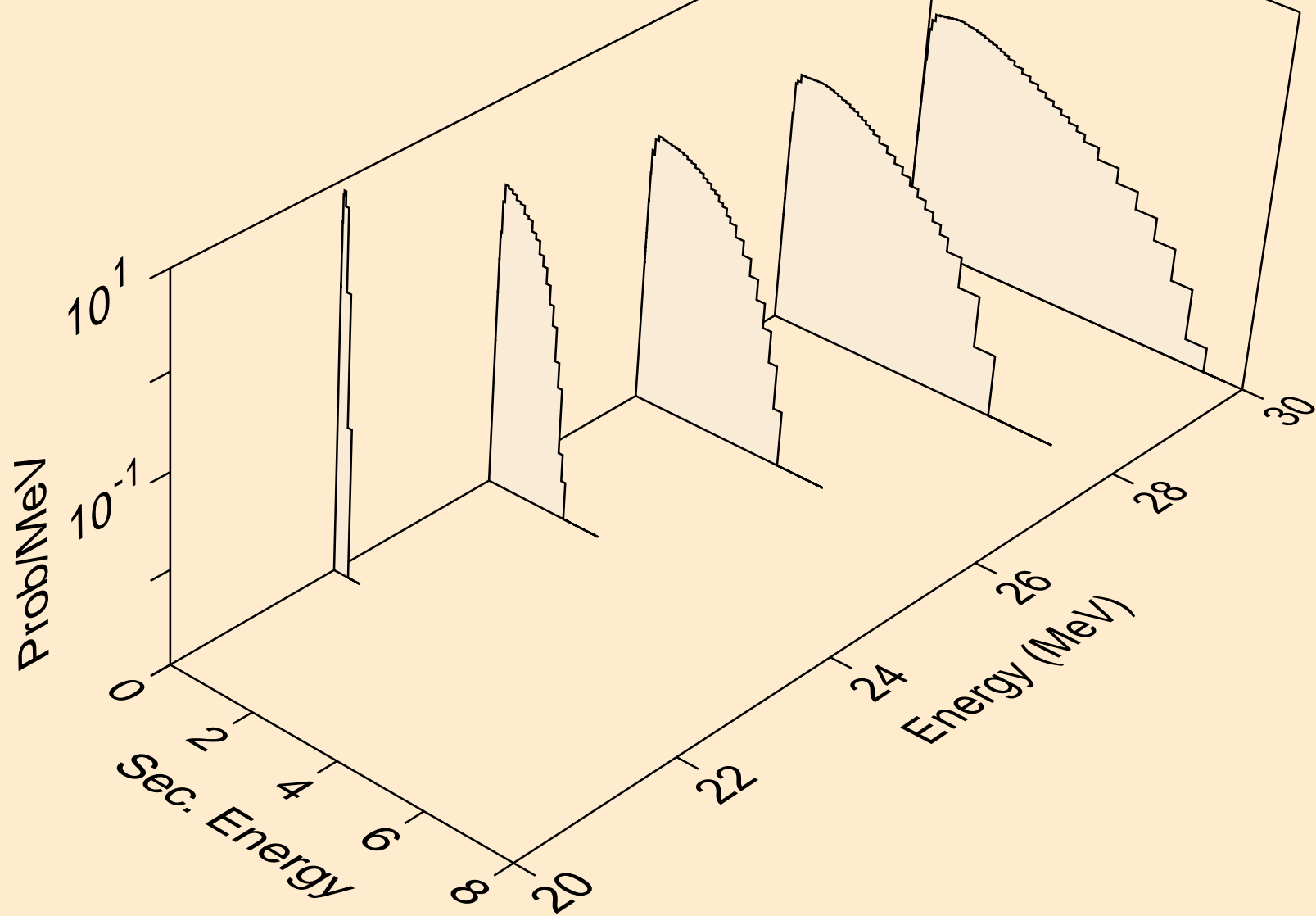
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



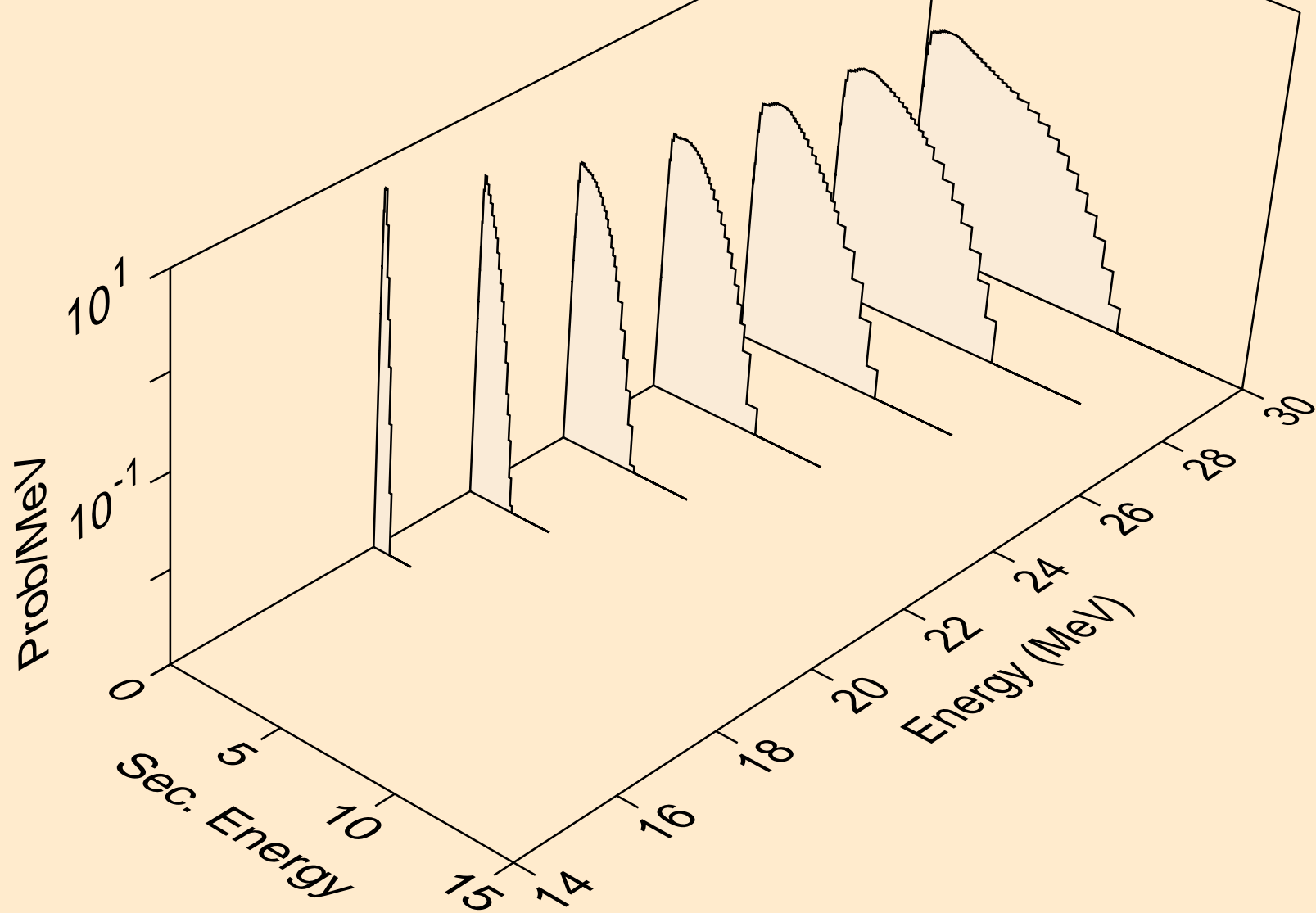
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



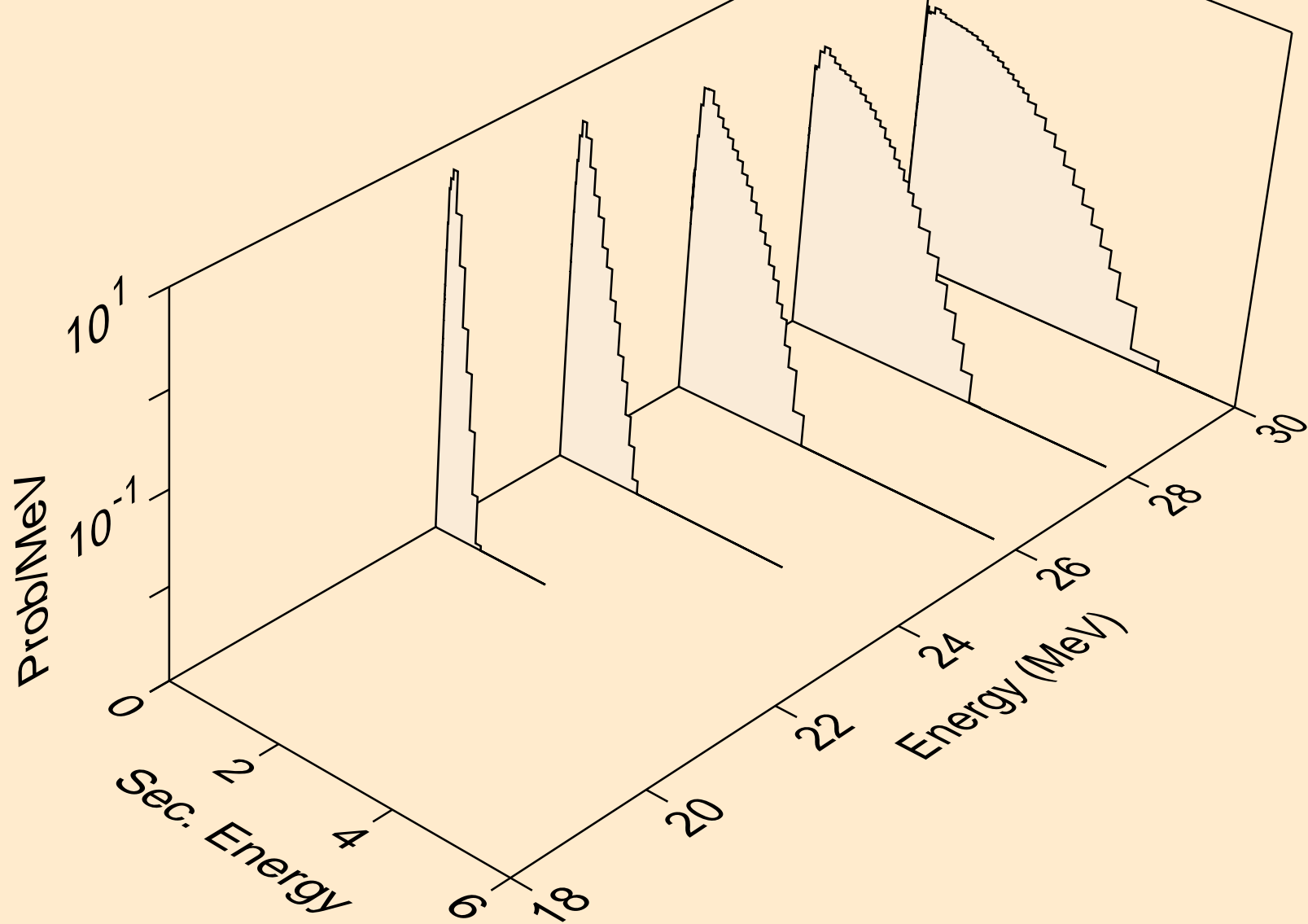
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



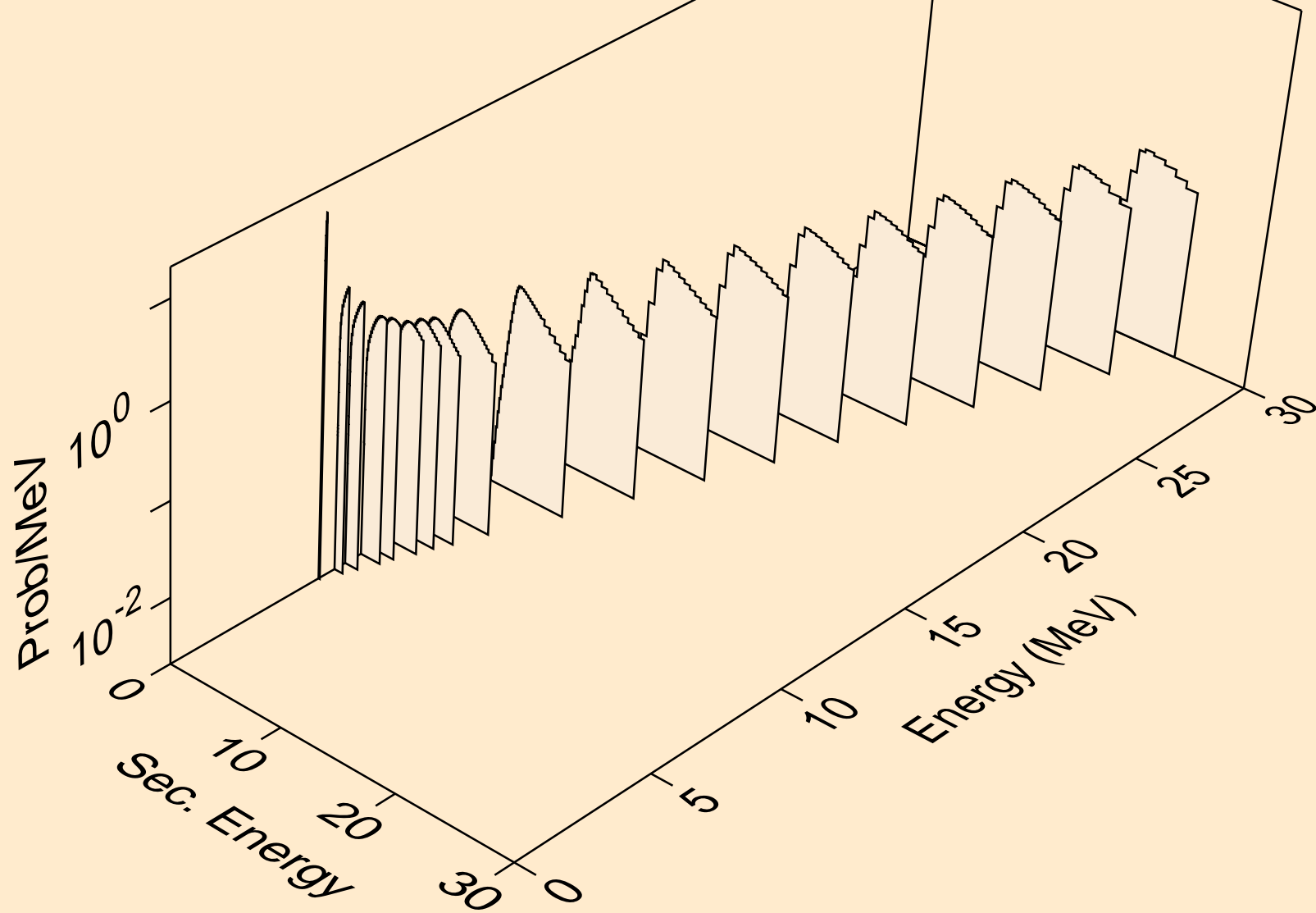
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



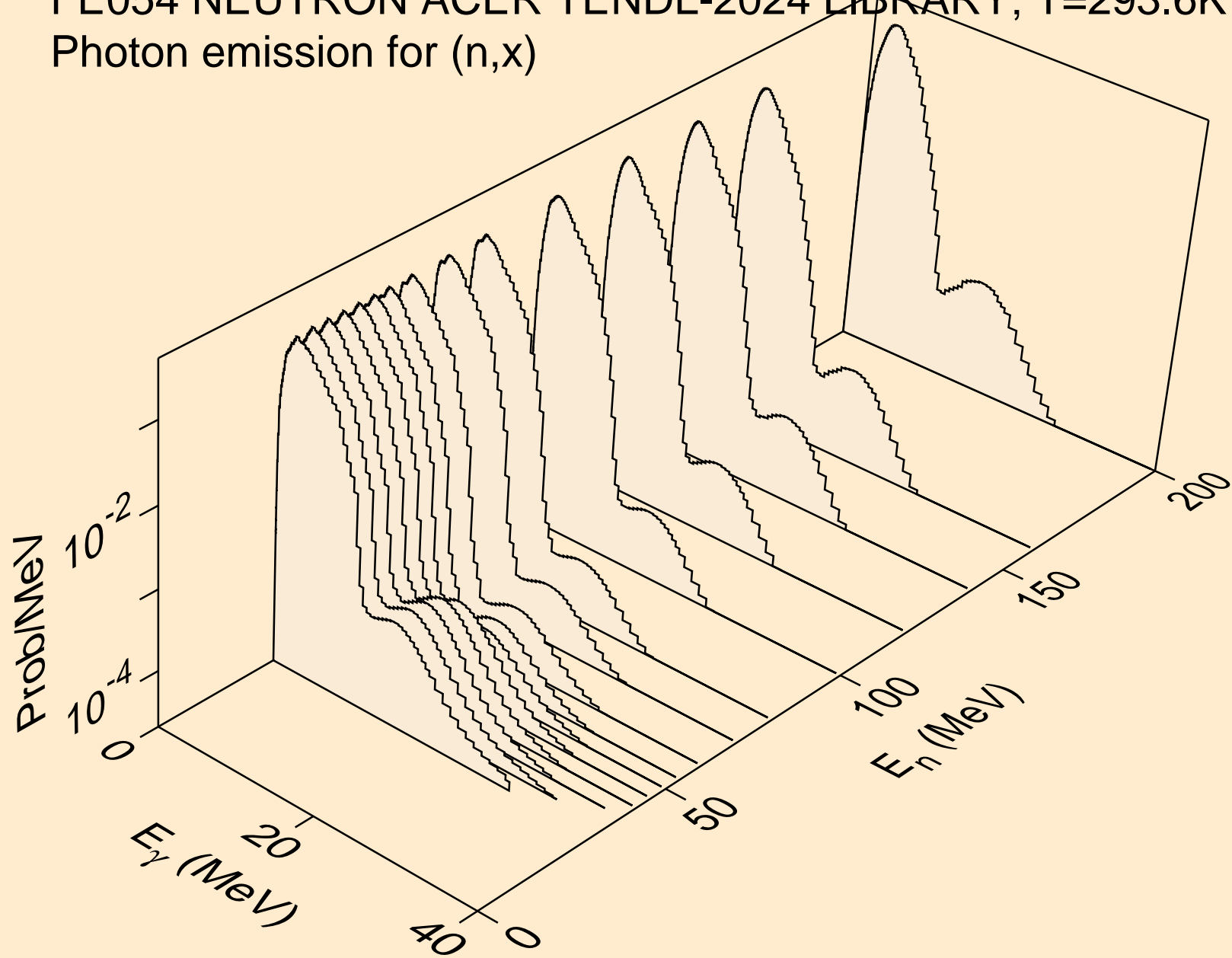
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



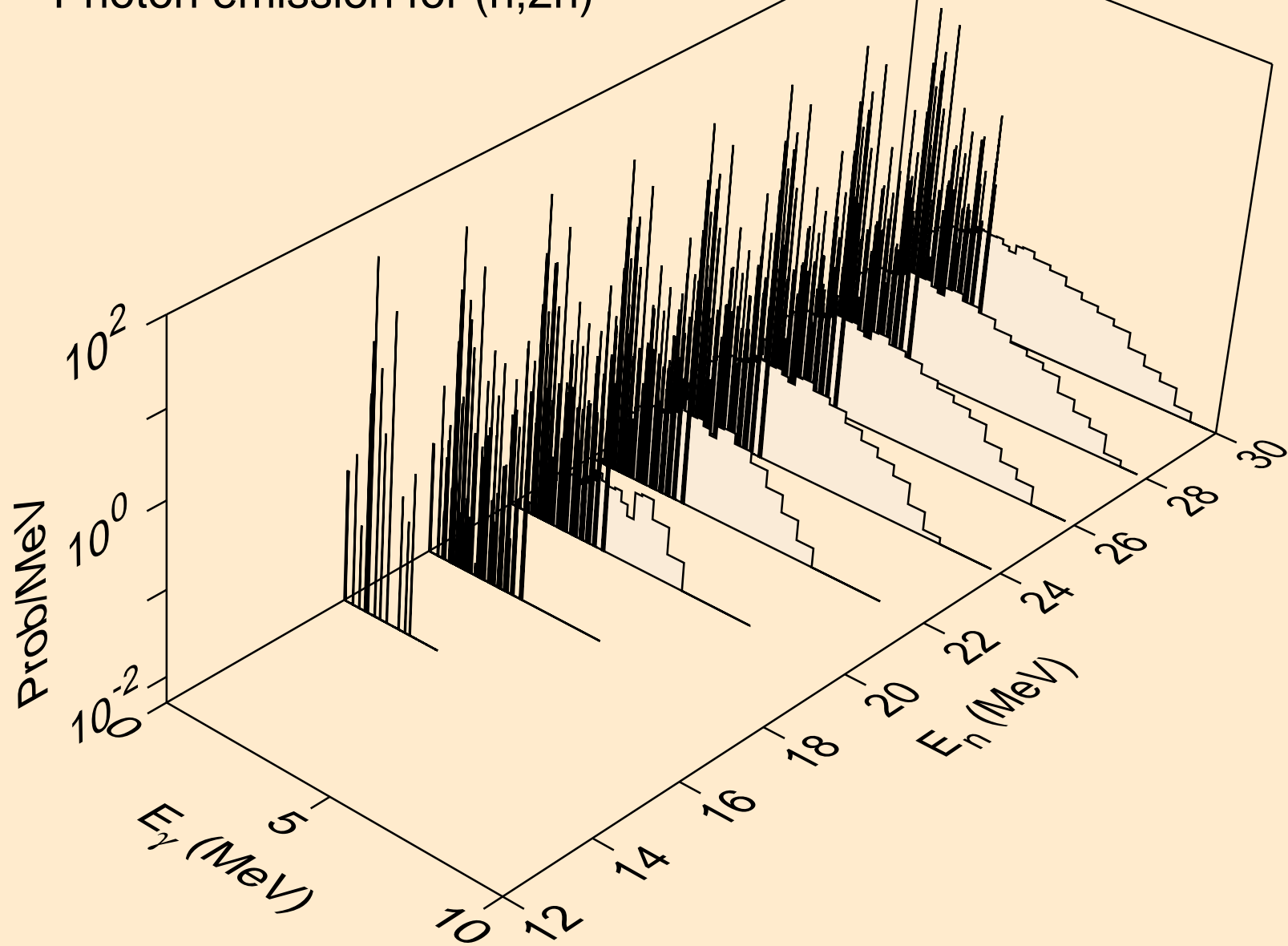
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



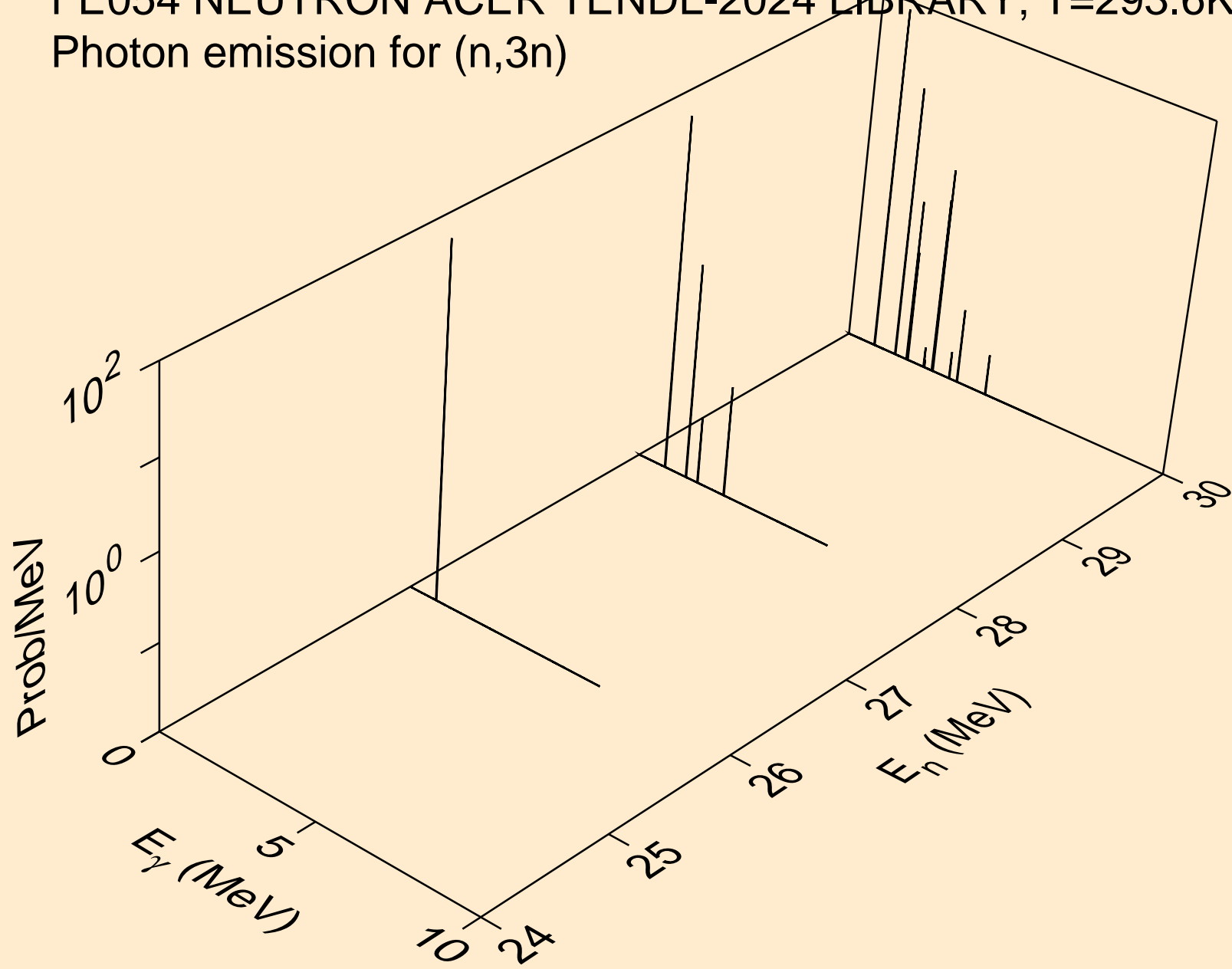
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



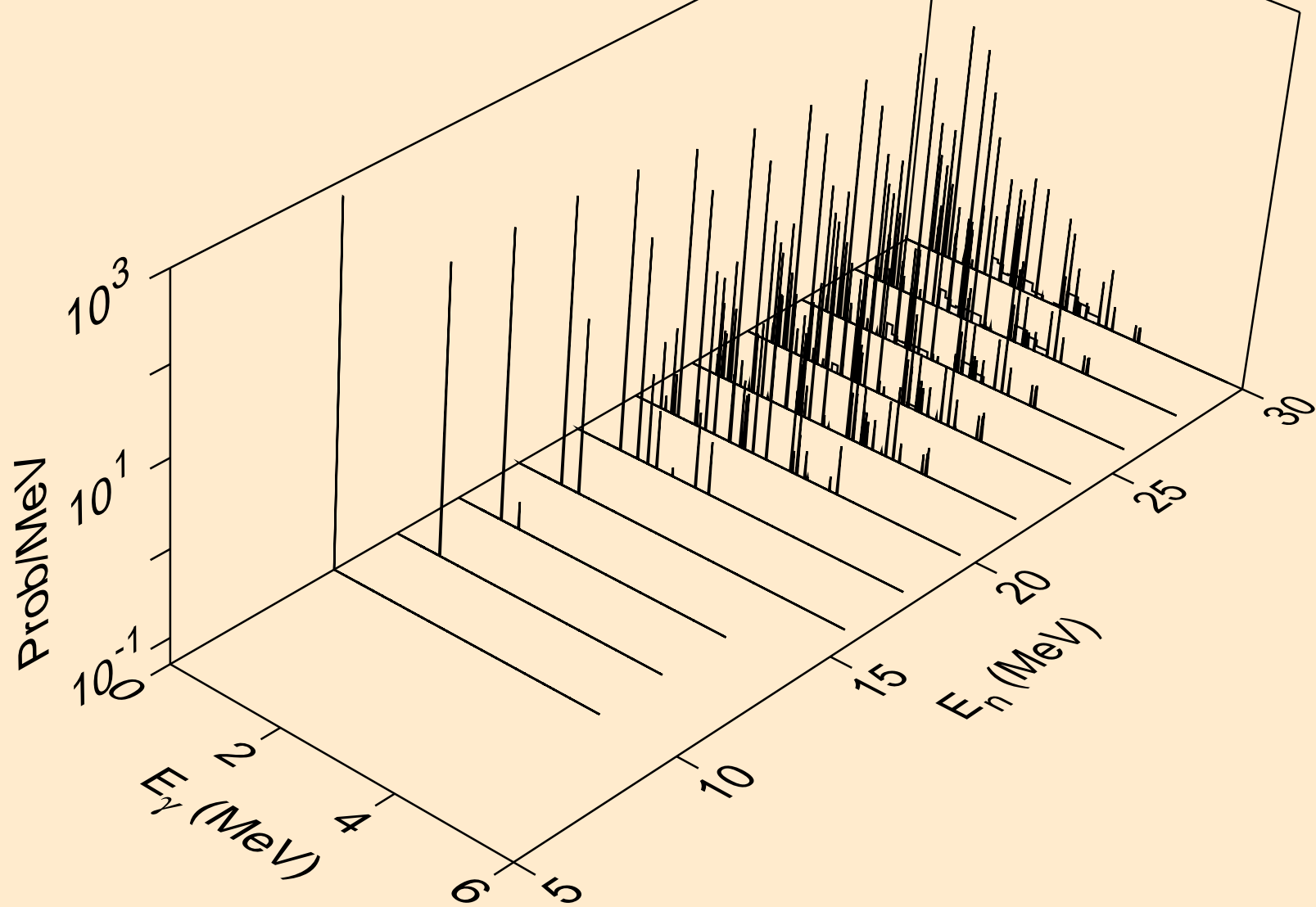
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



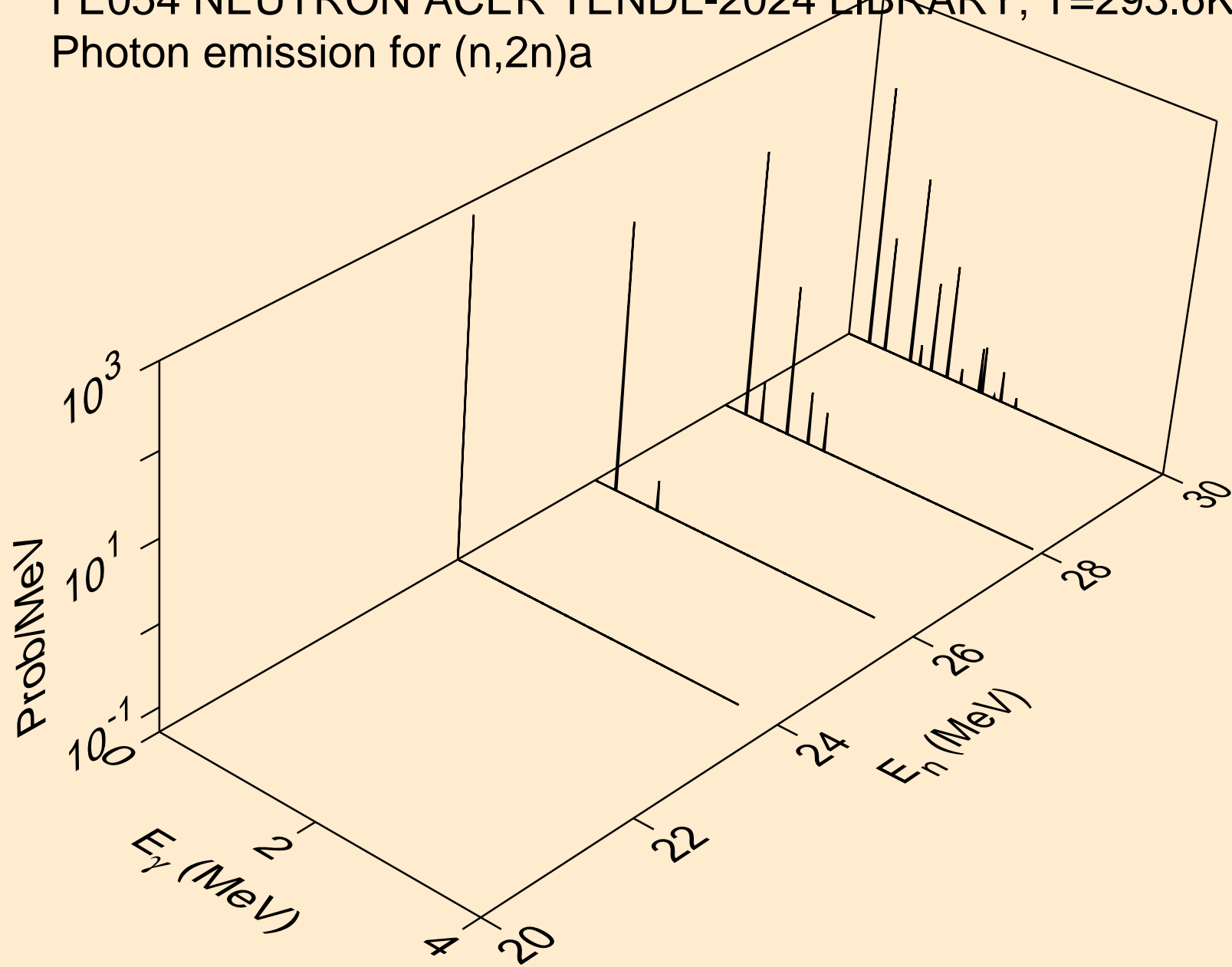
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



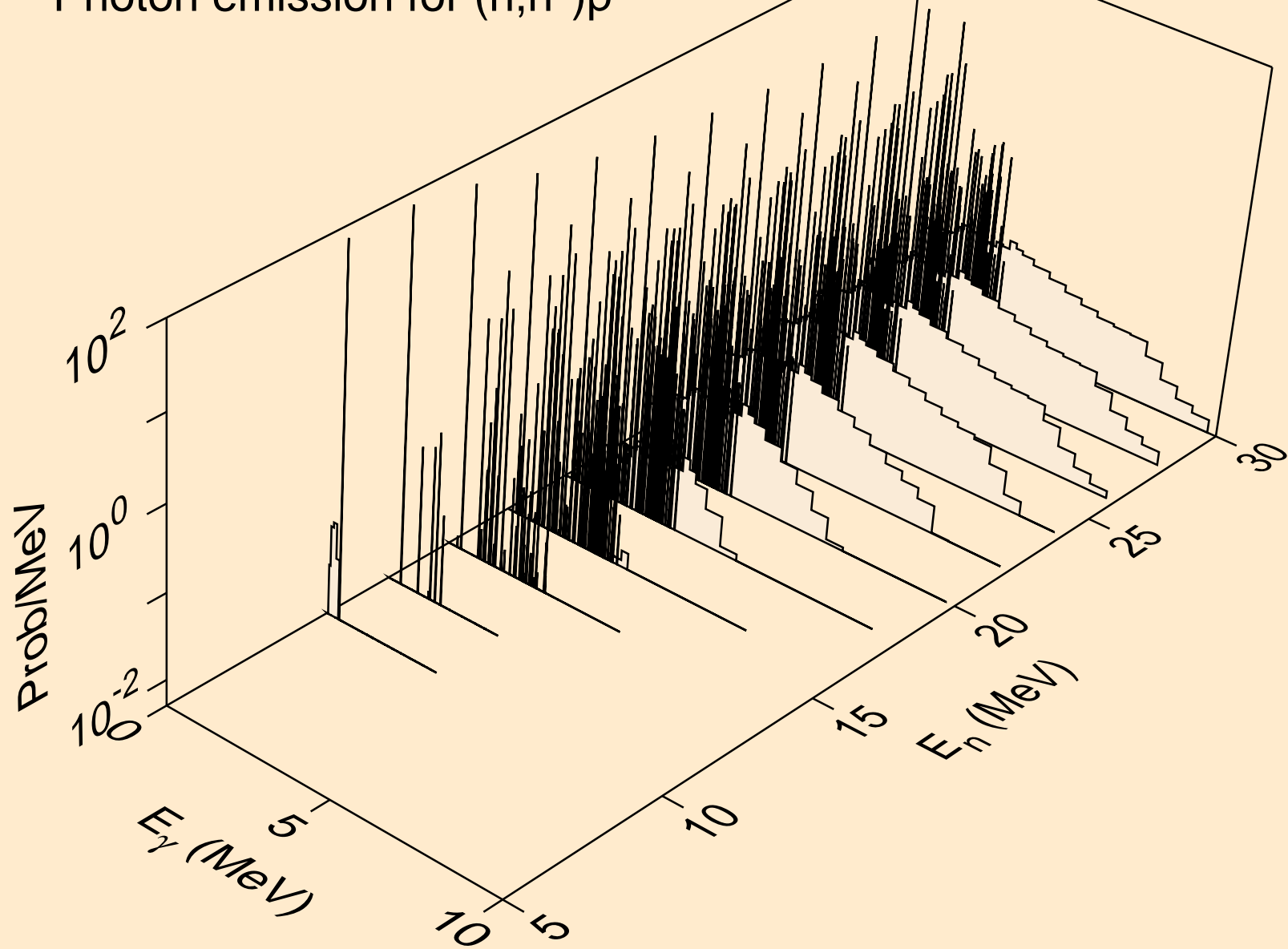
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



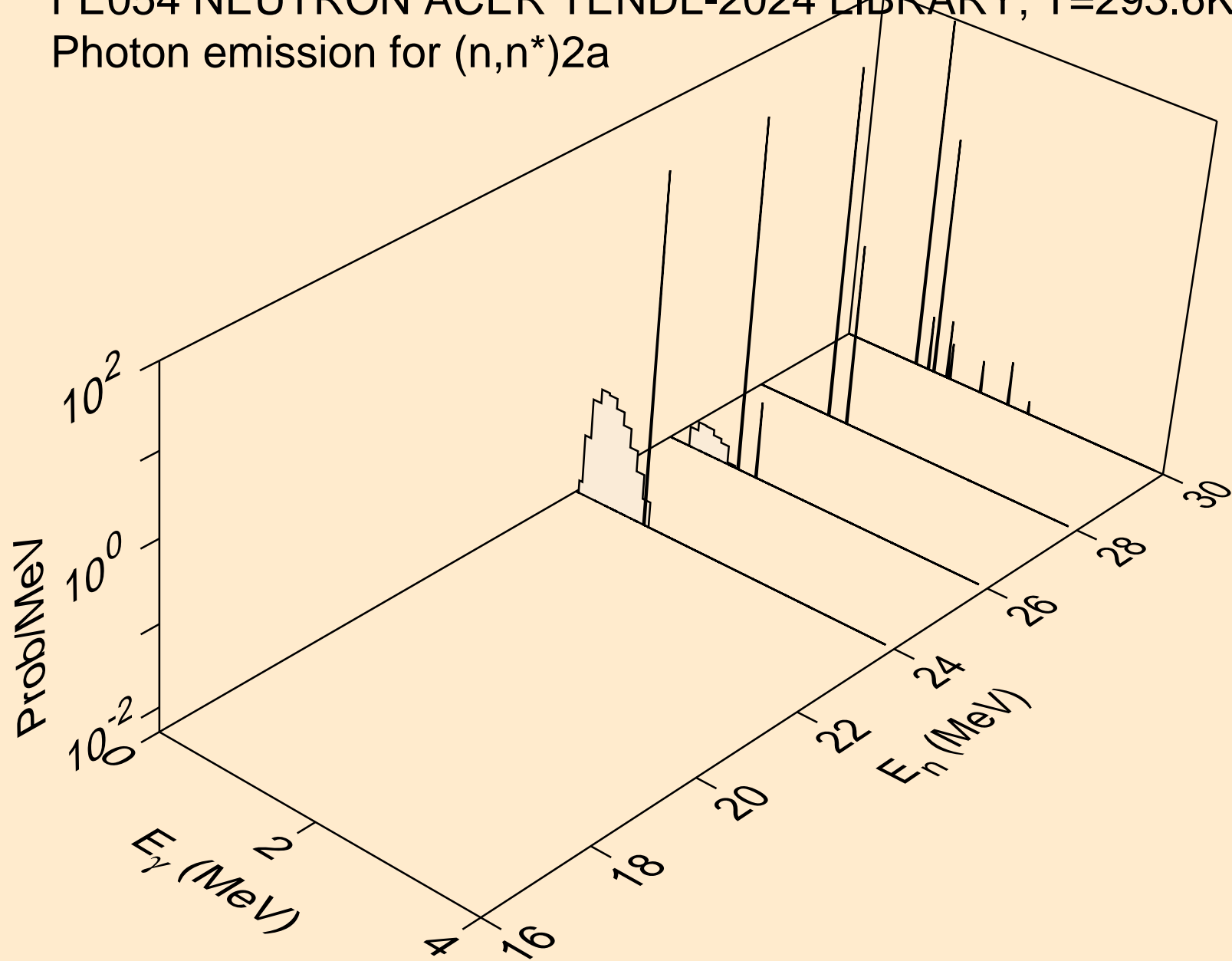
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



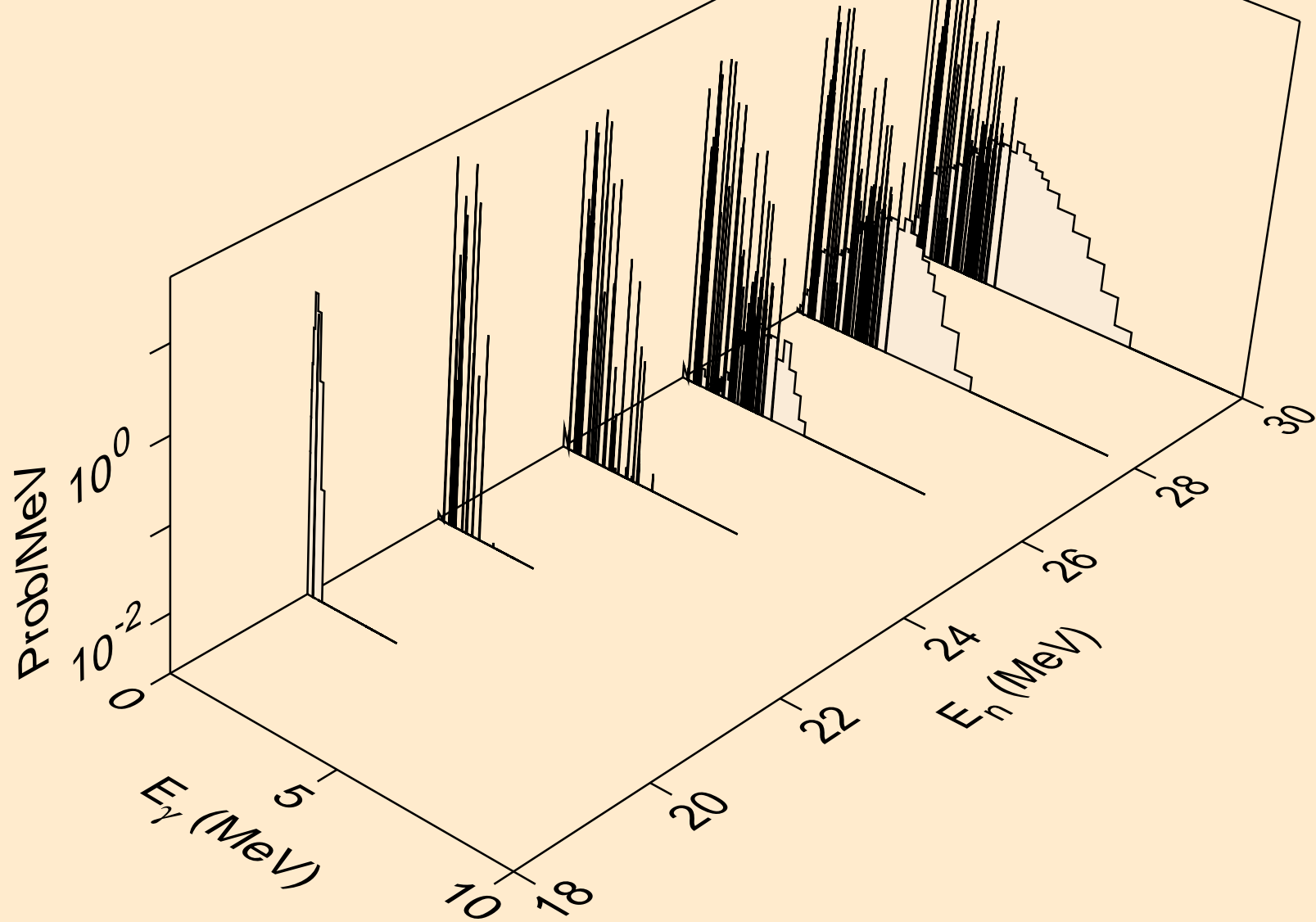
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



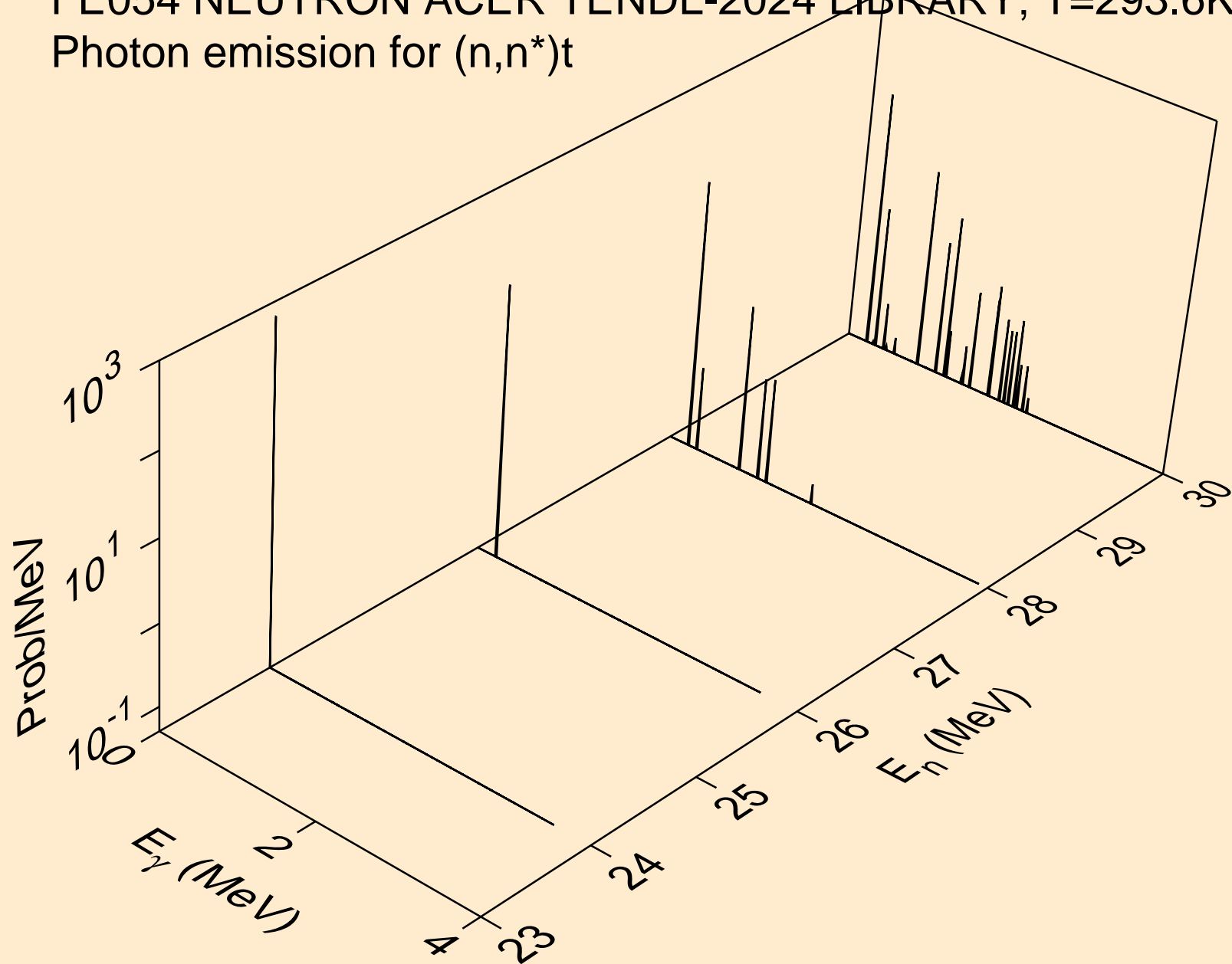
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



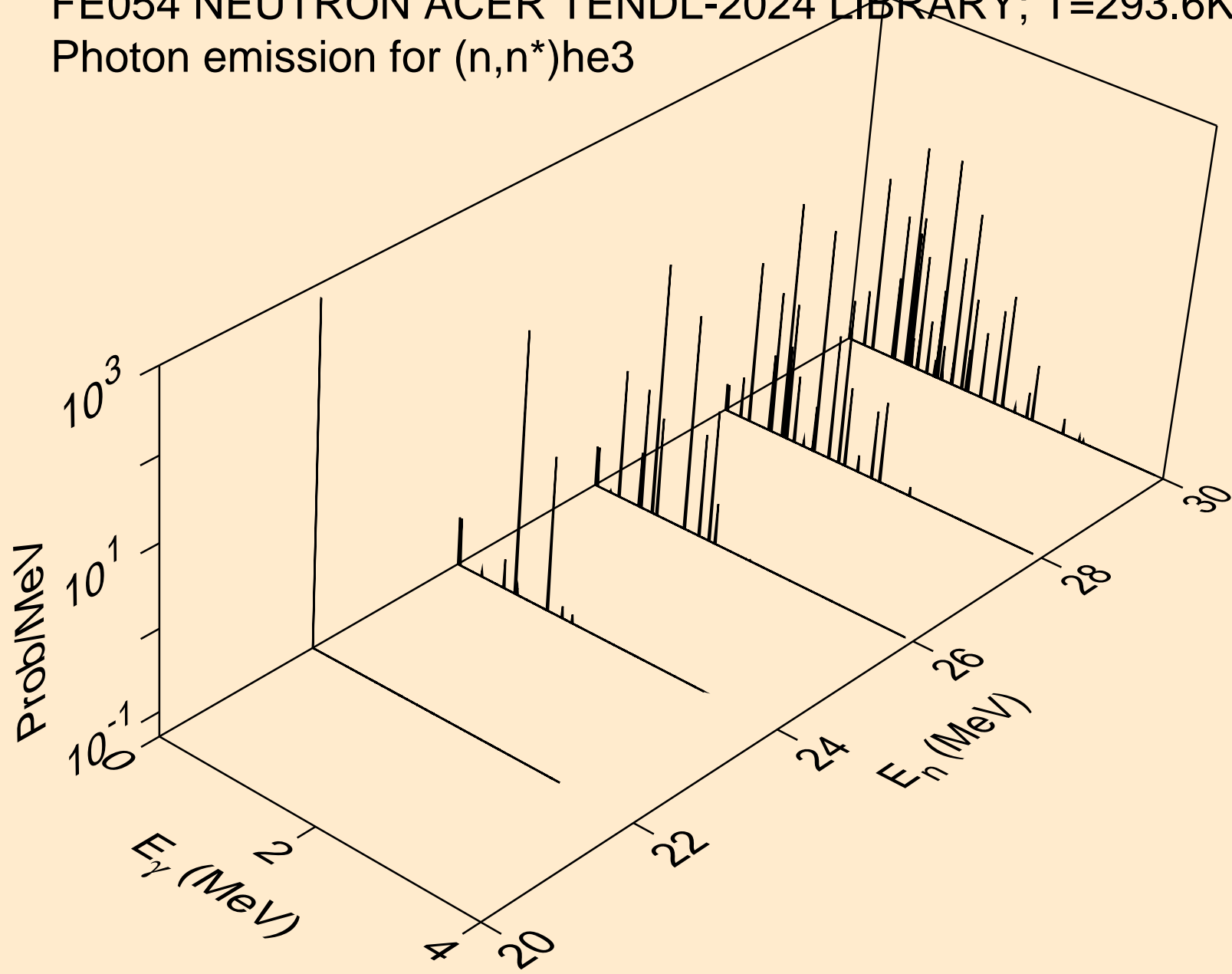
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



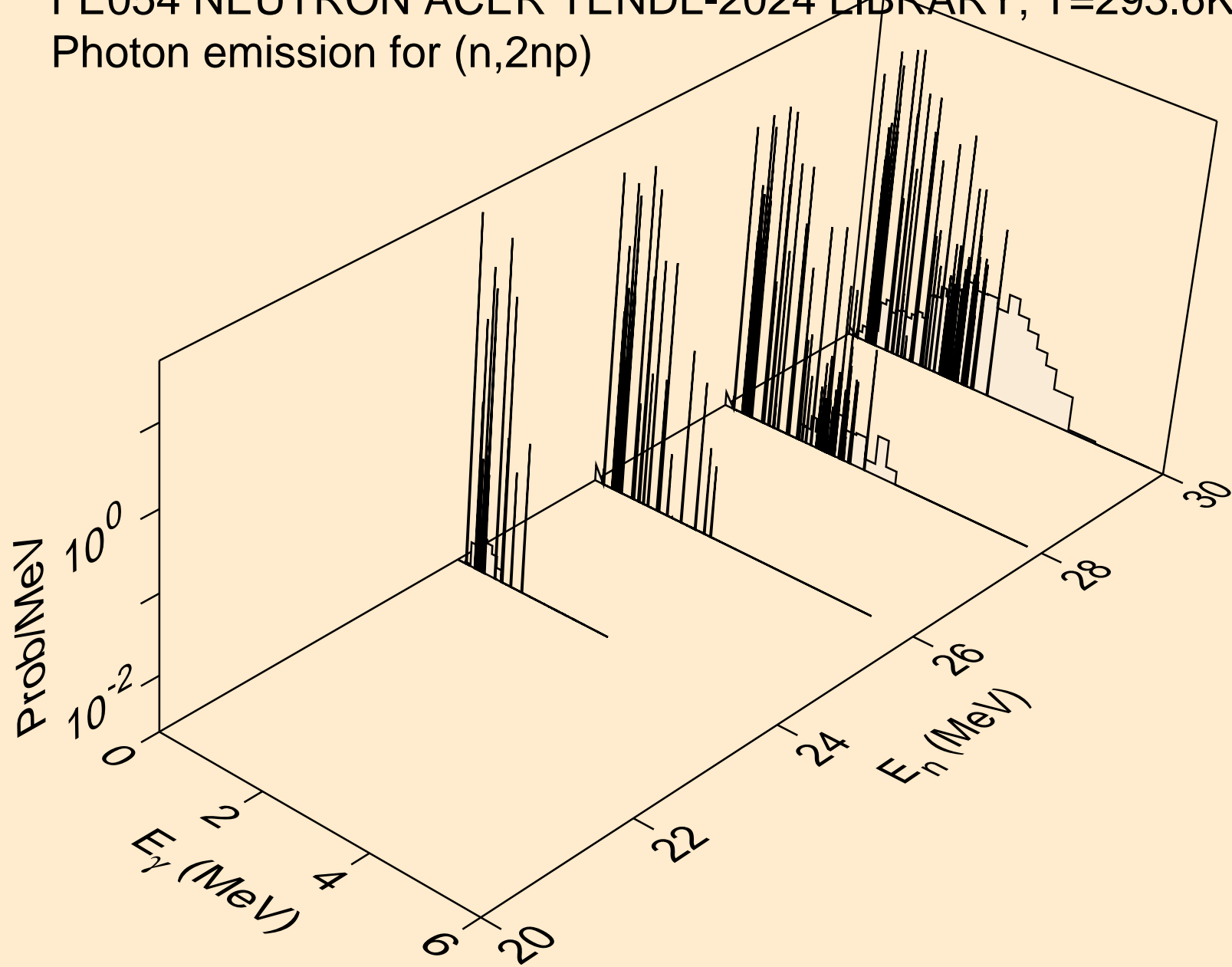
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



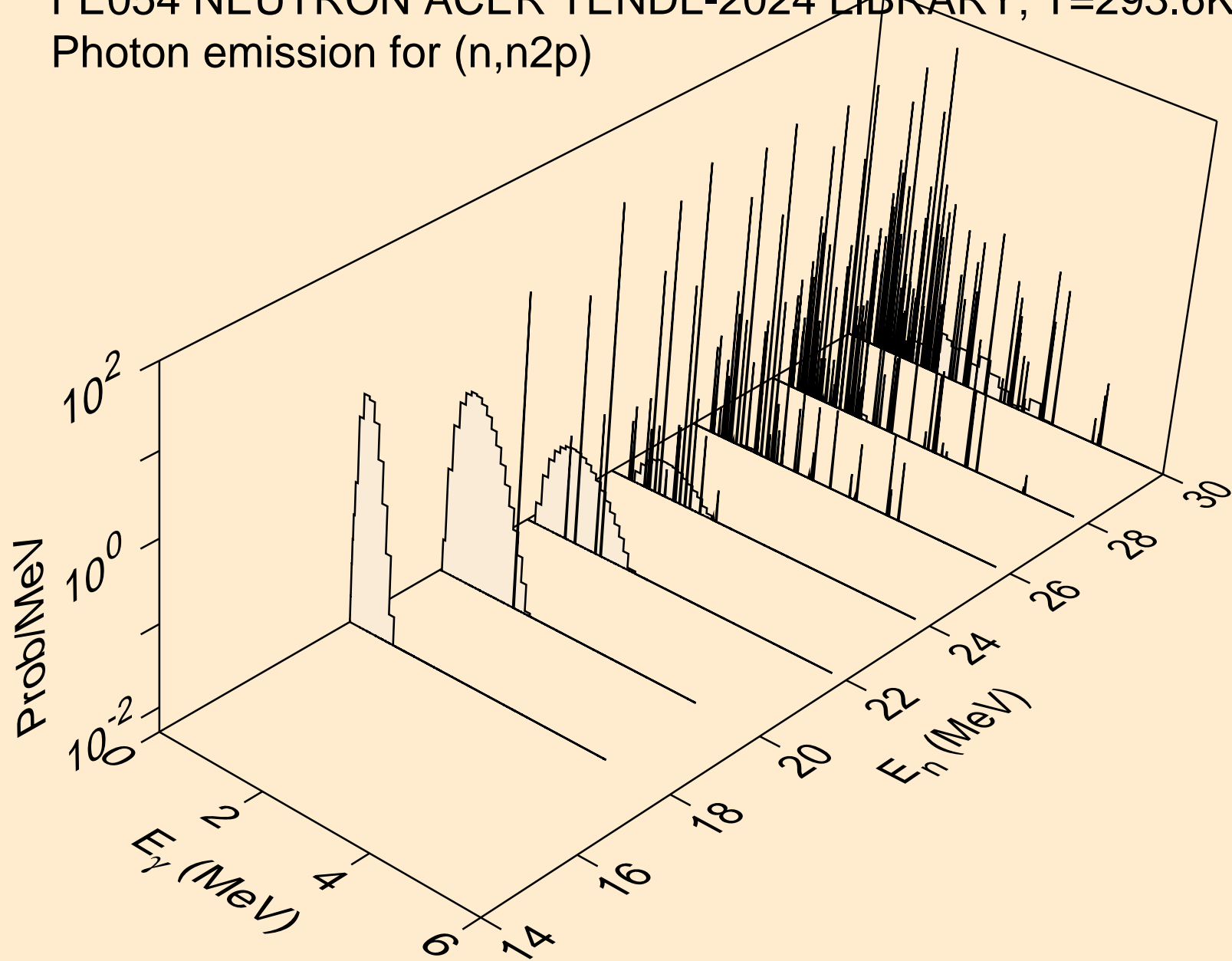
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



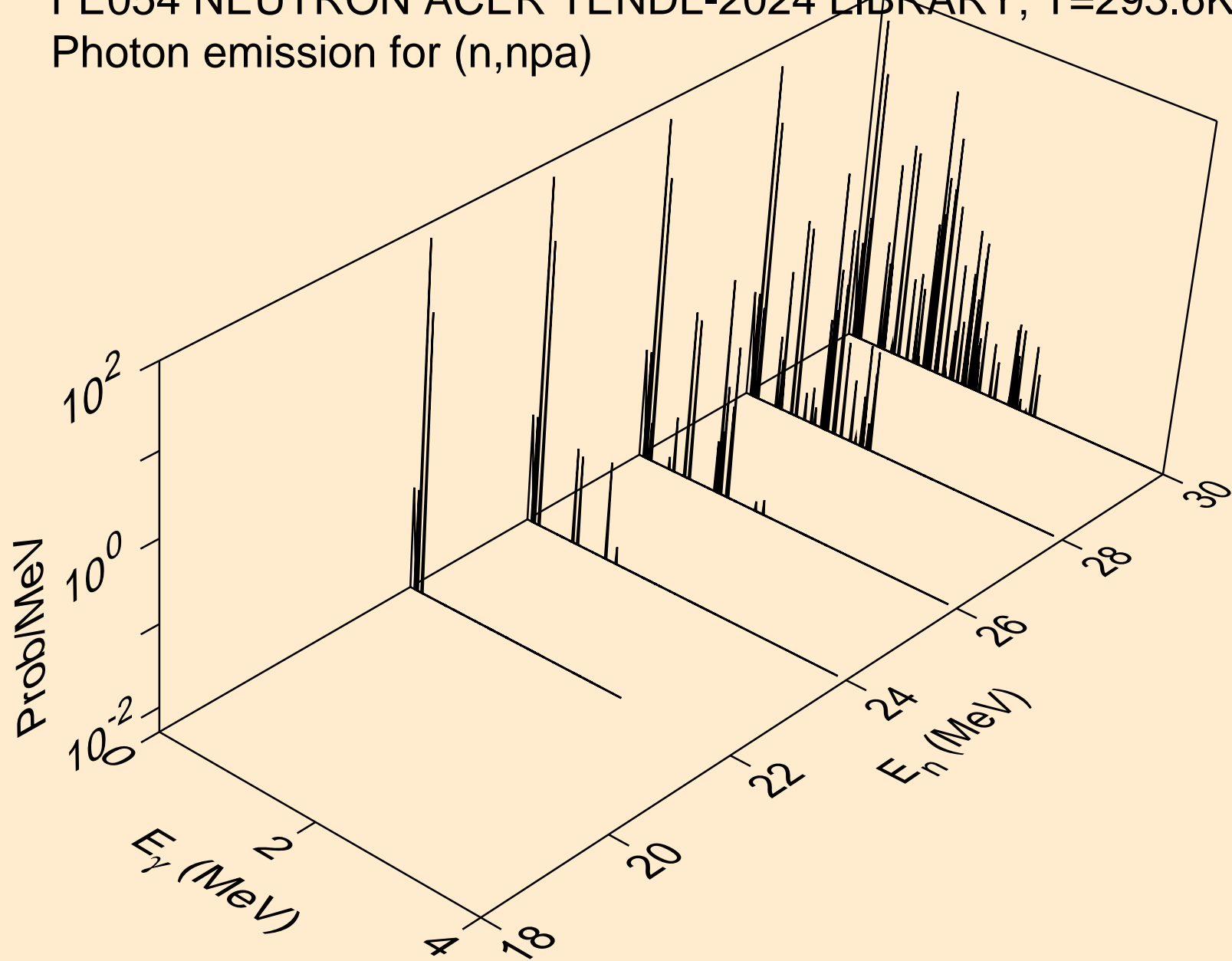
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



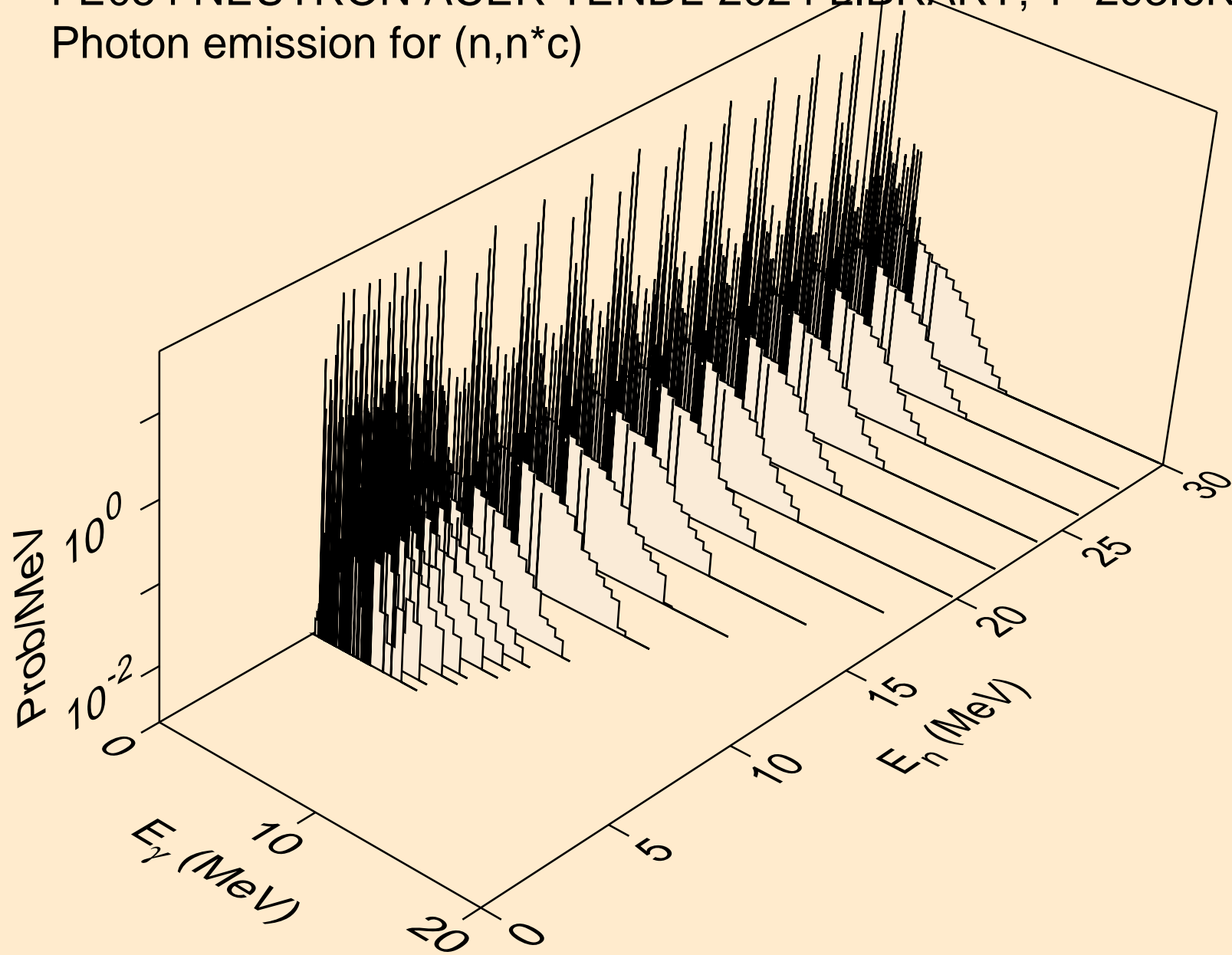
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



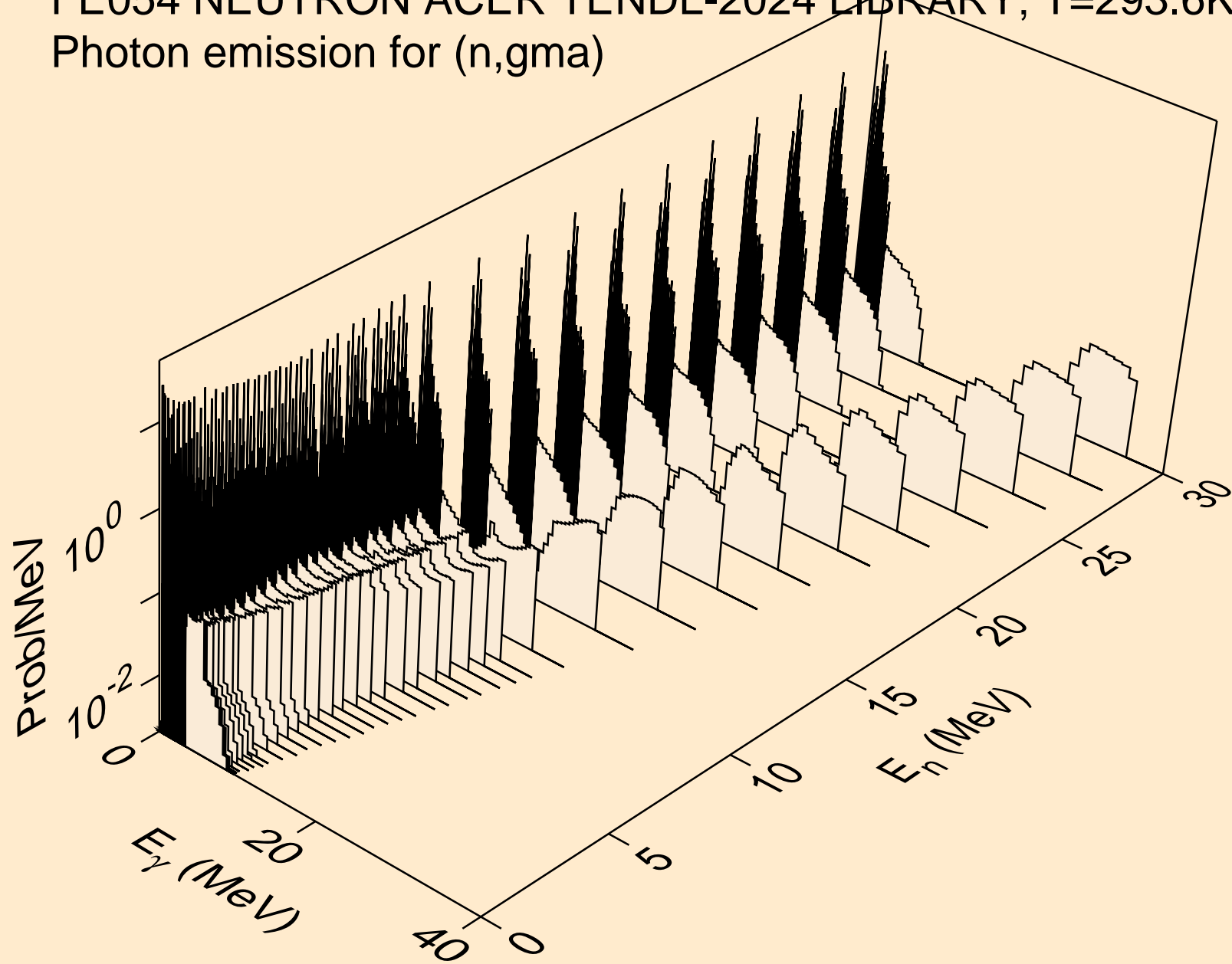
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



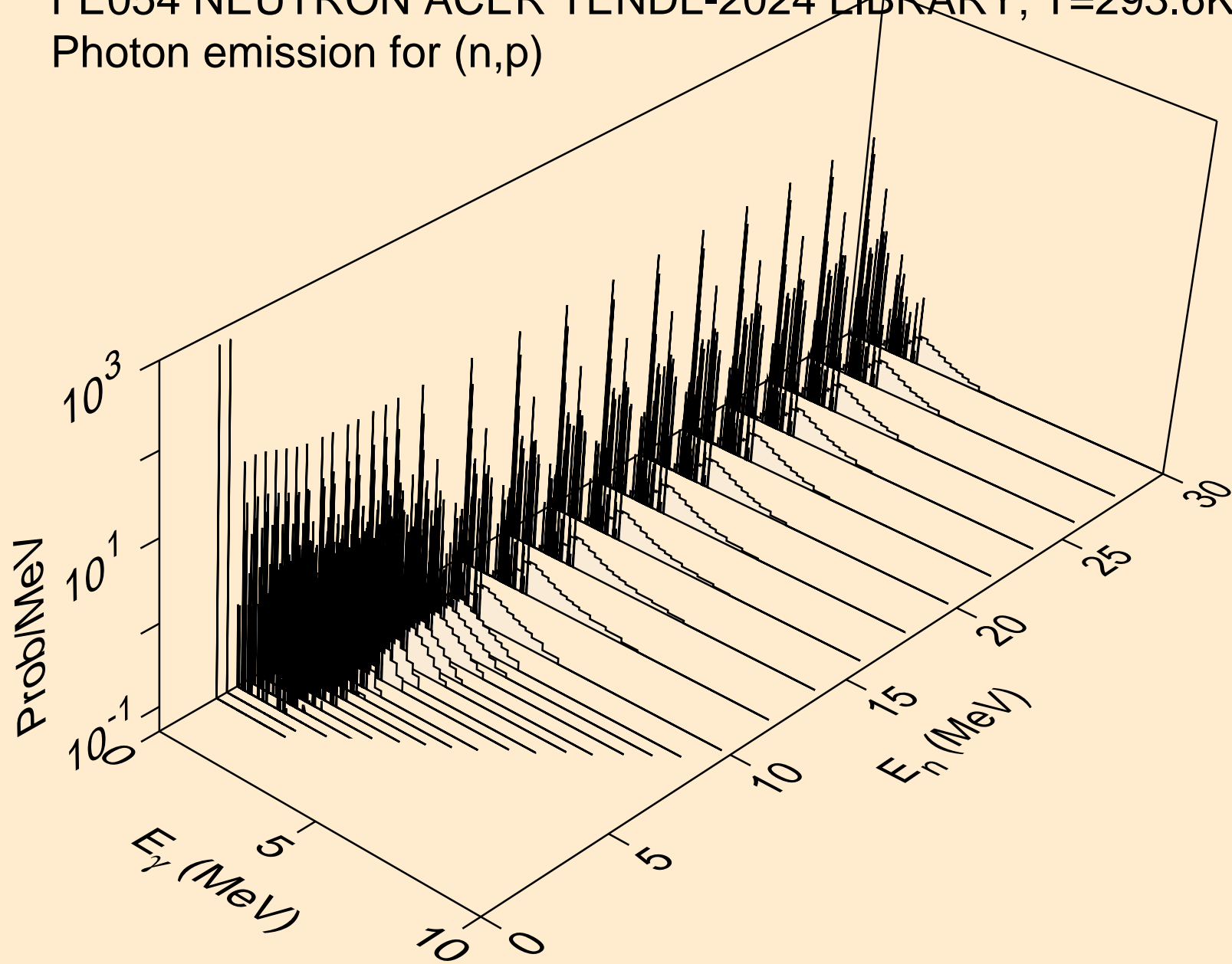
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



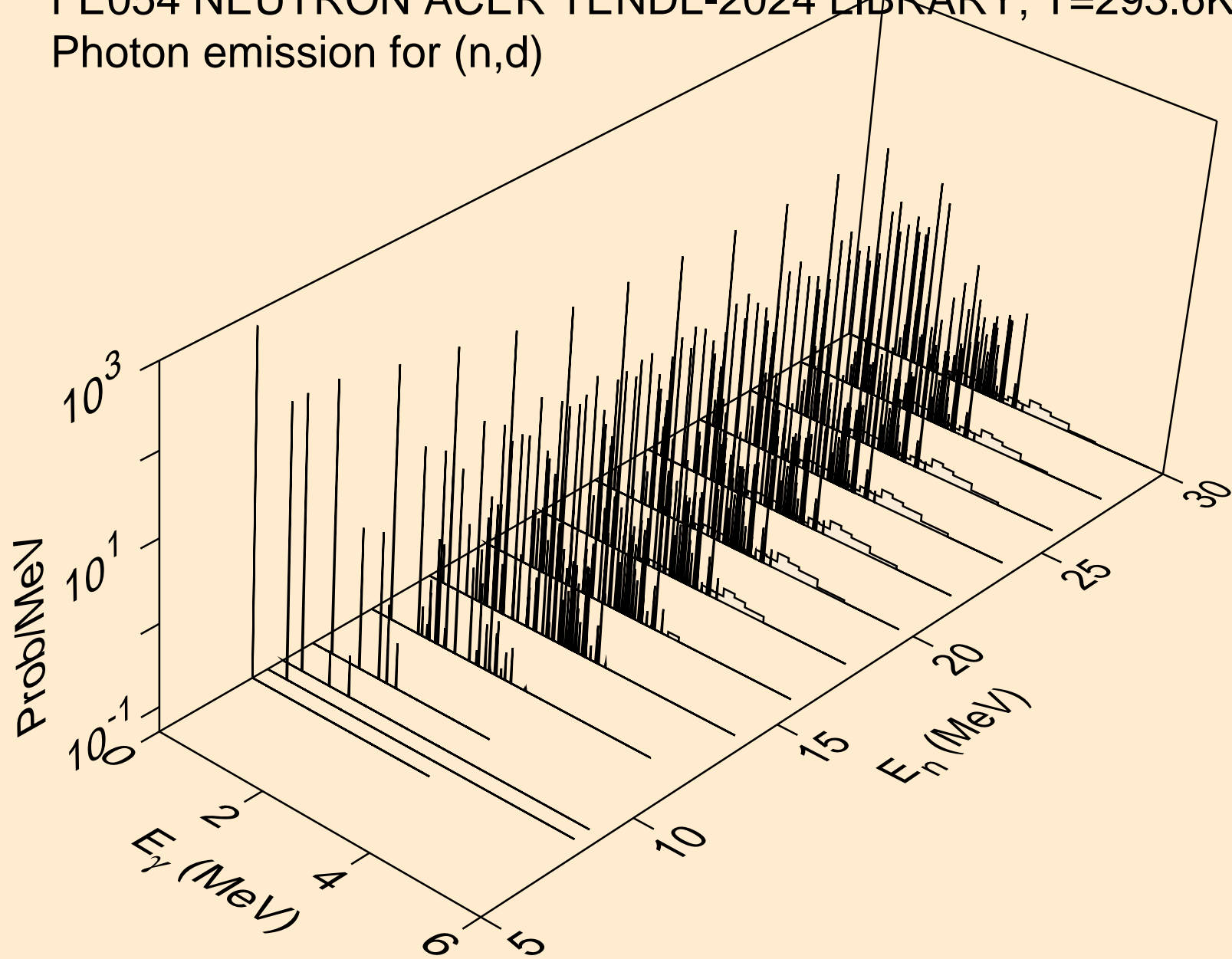
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



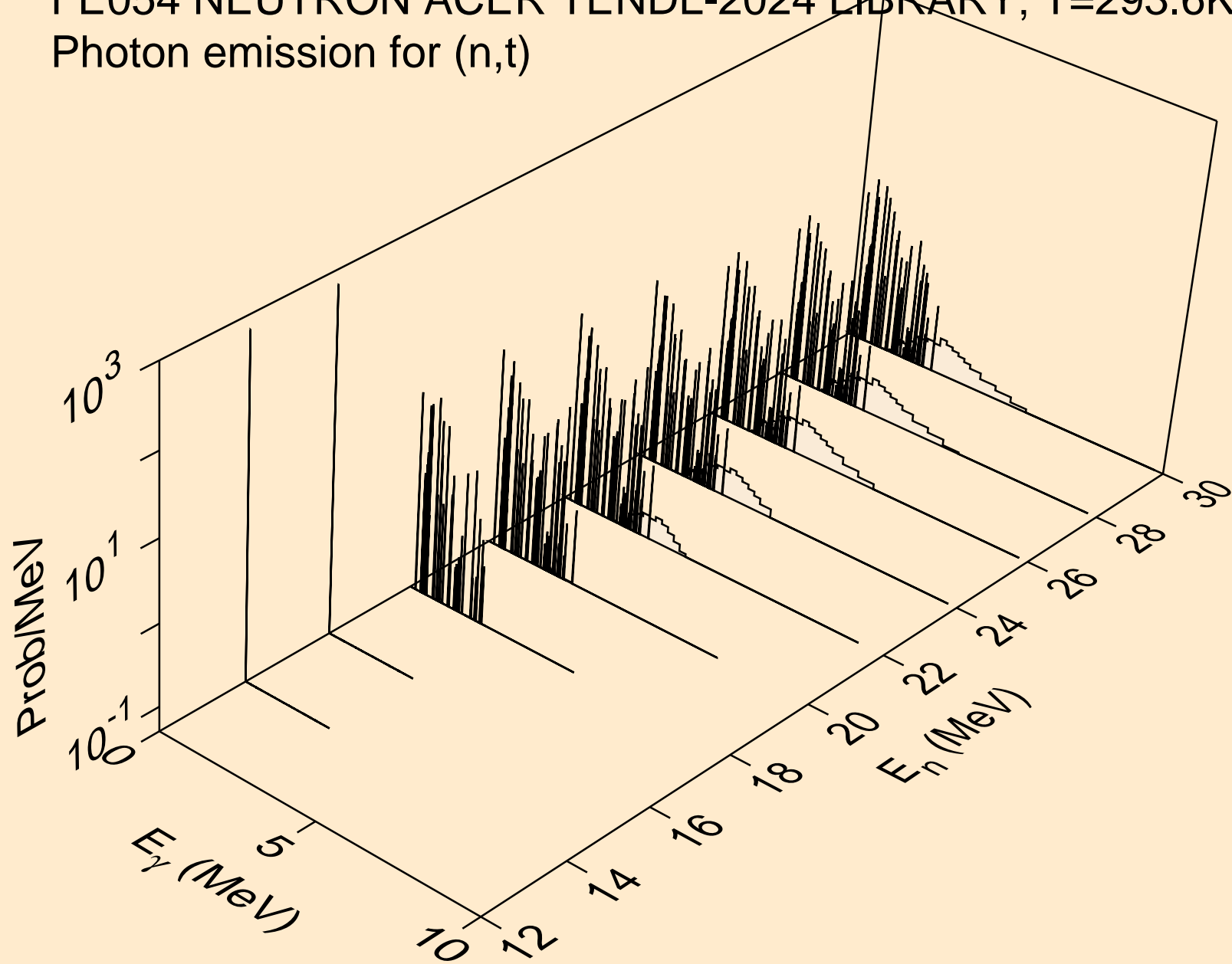
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



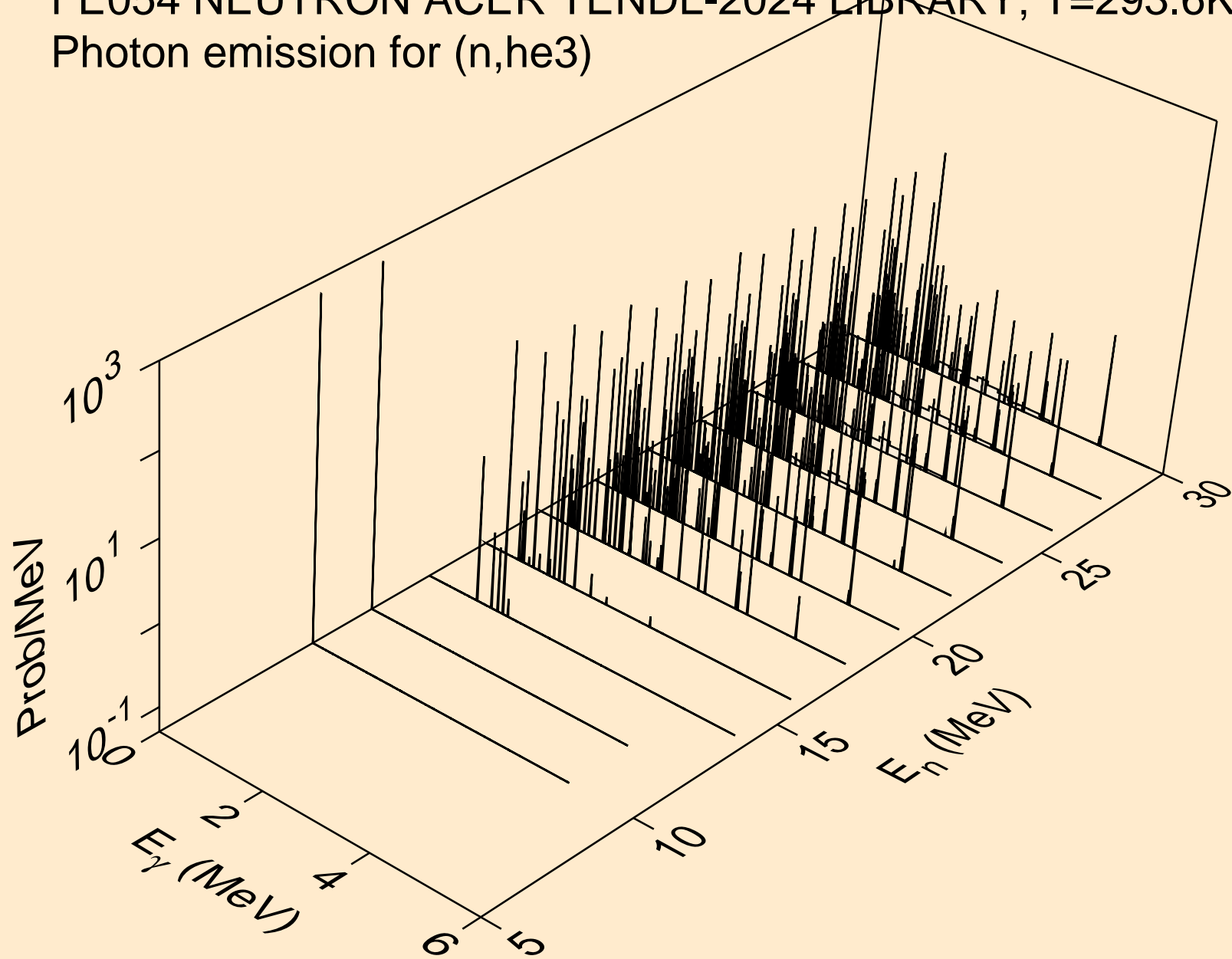
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



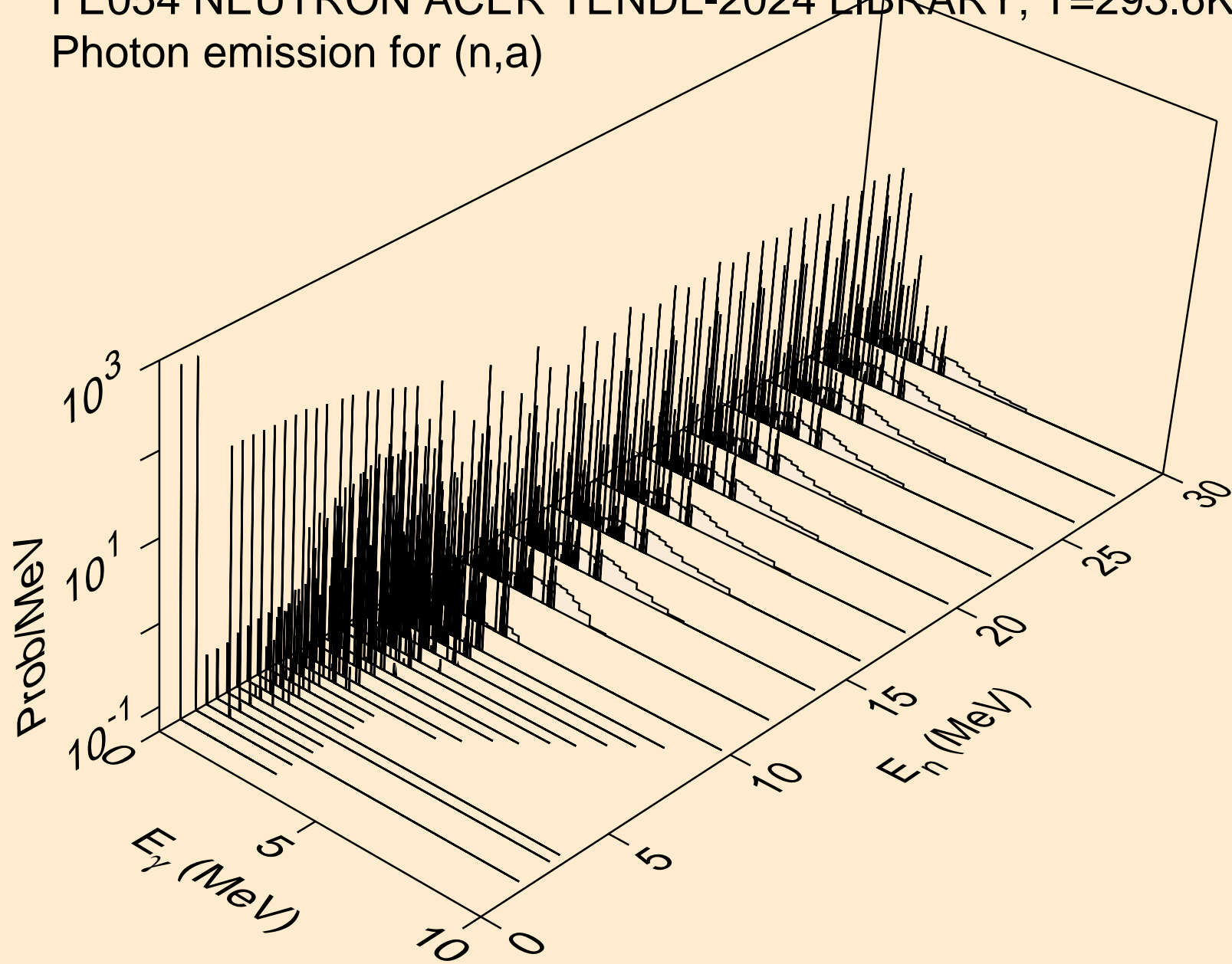
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



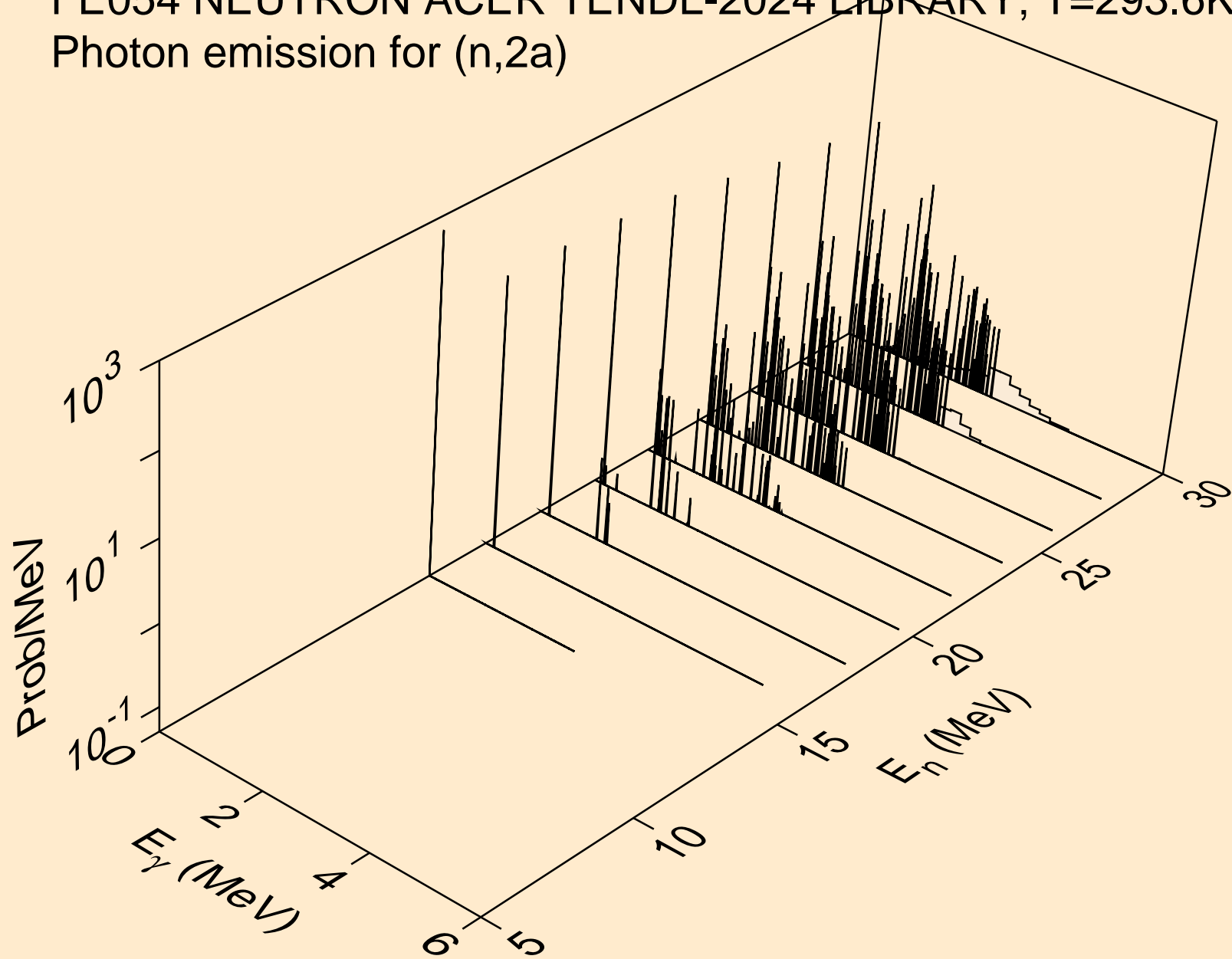
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



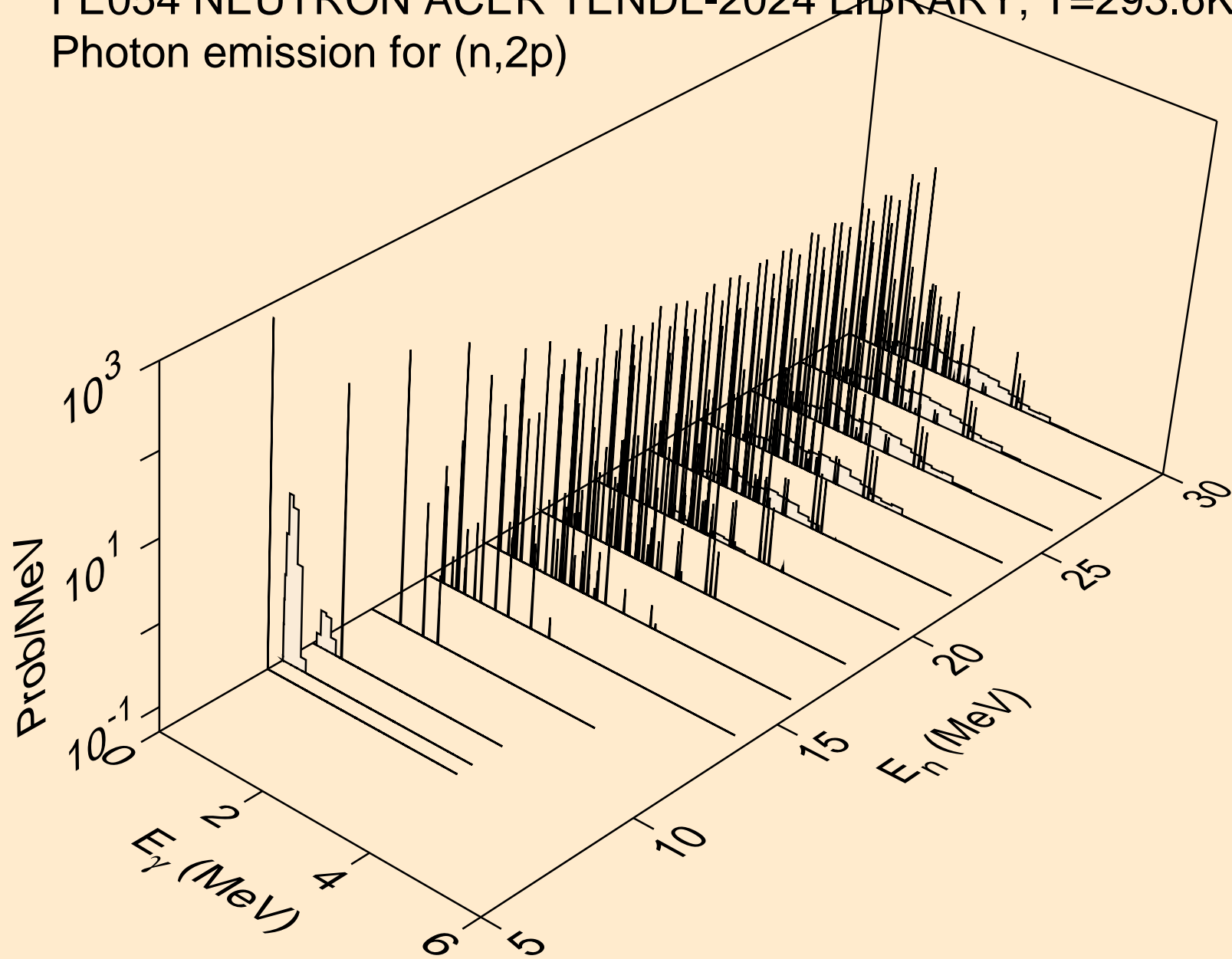
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



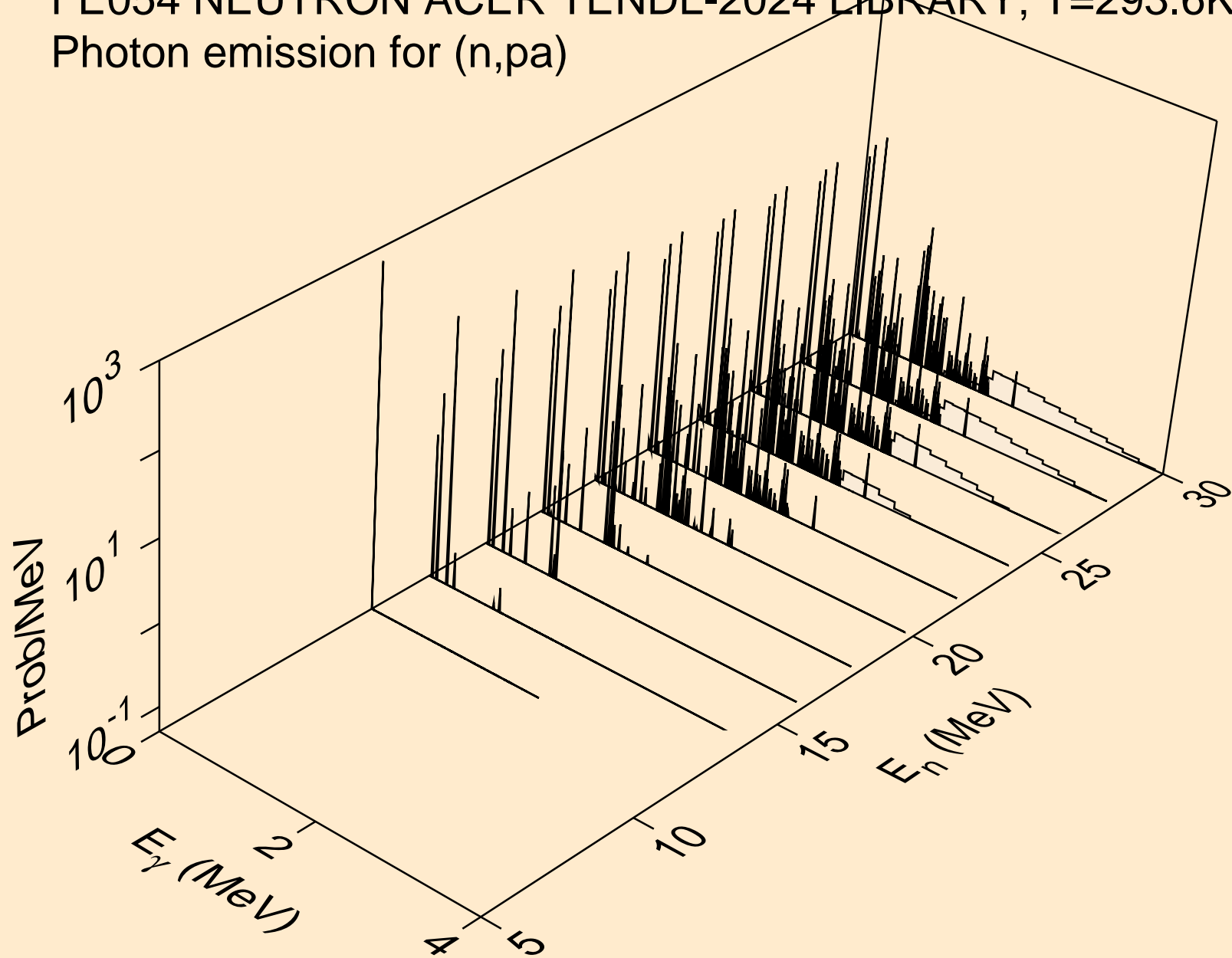
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



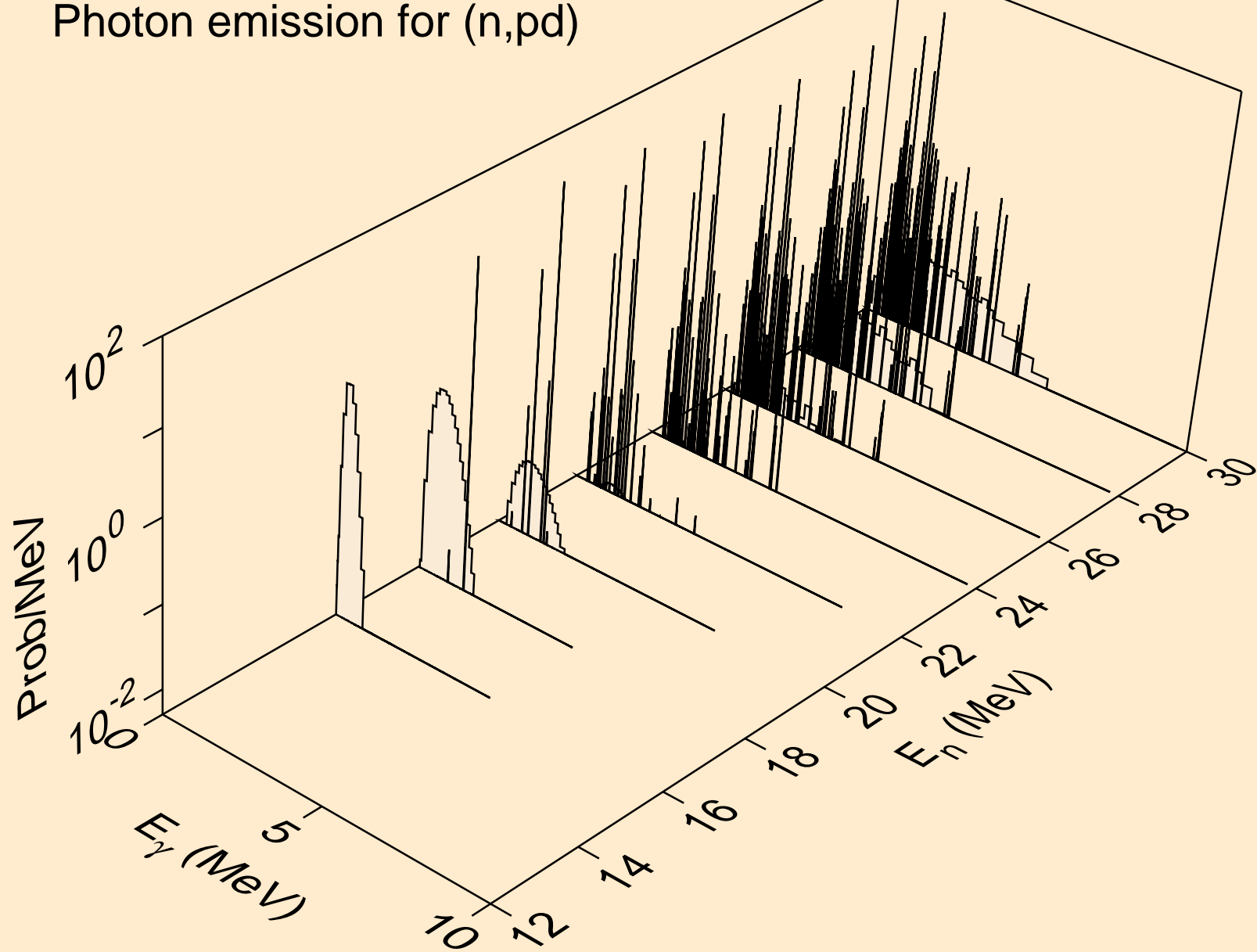
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Photon emission for (n,2p)



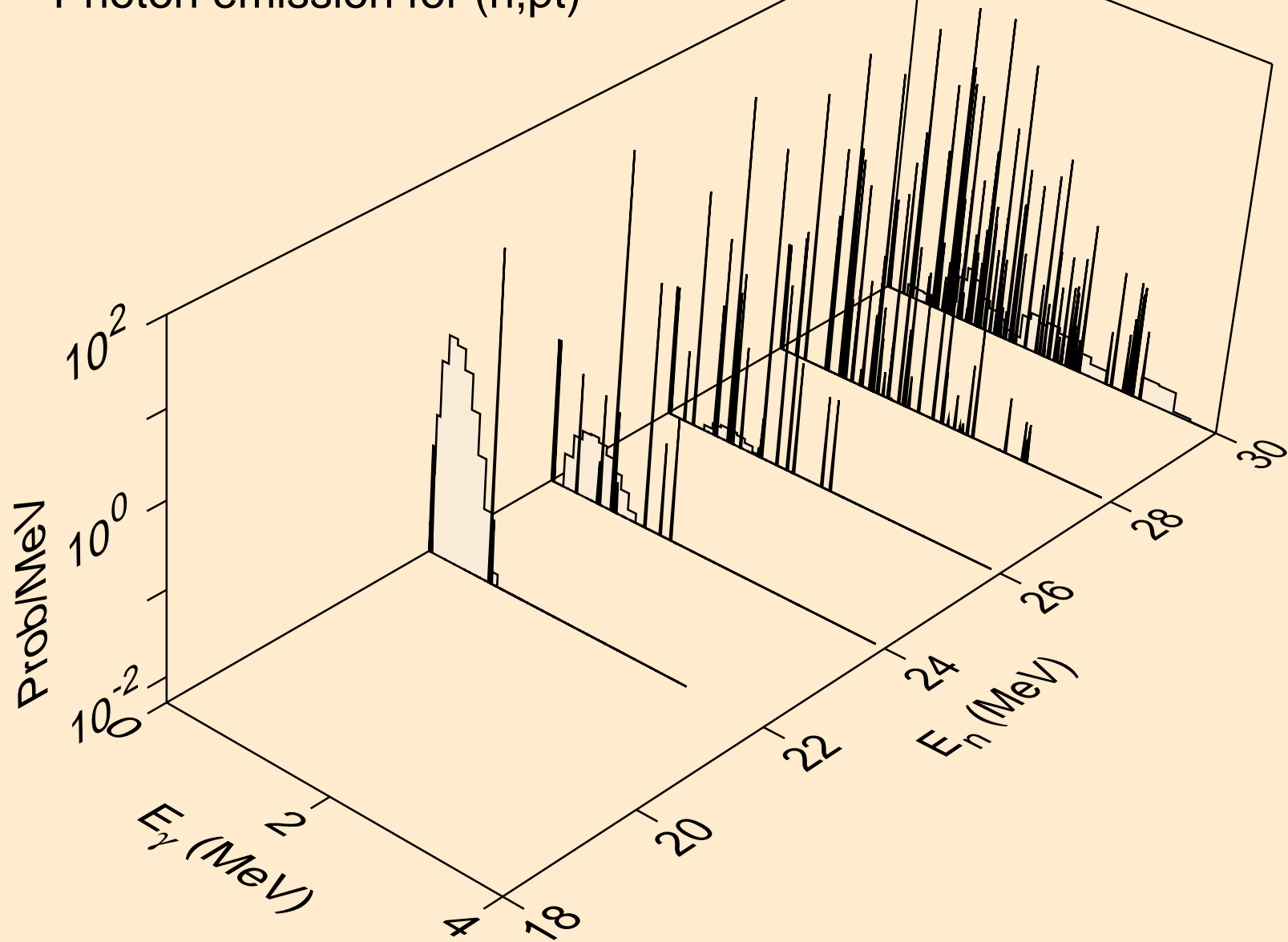
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Photon emission for (n,p α)



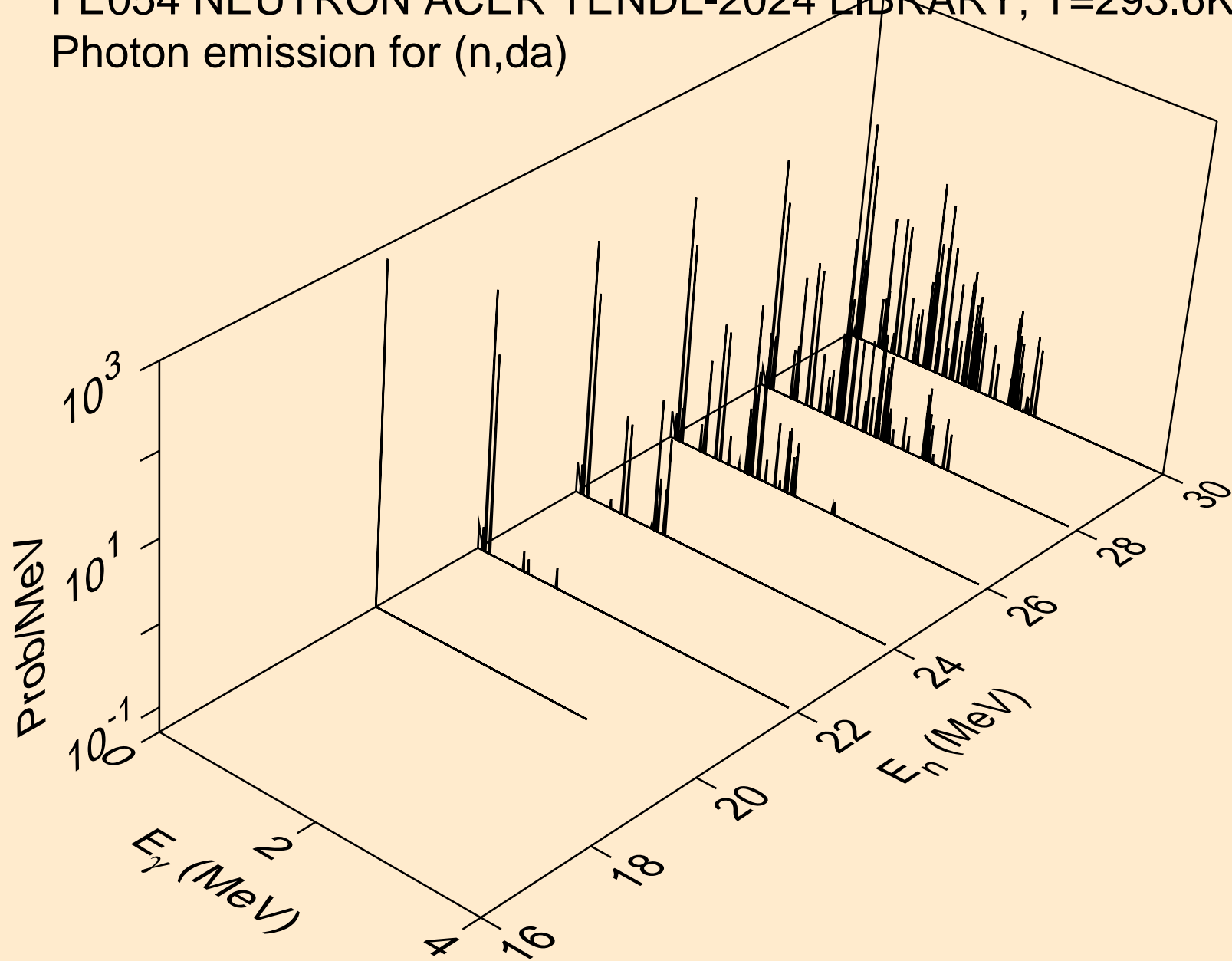
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



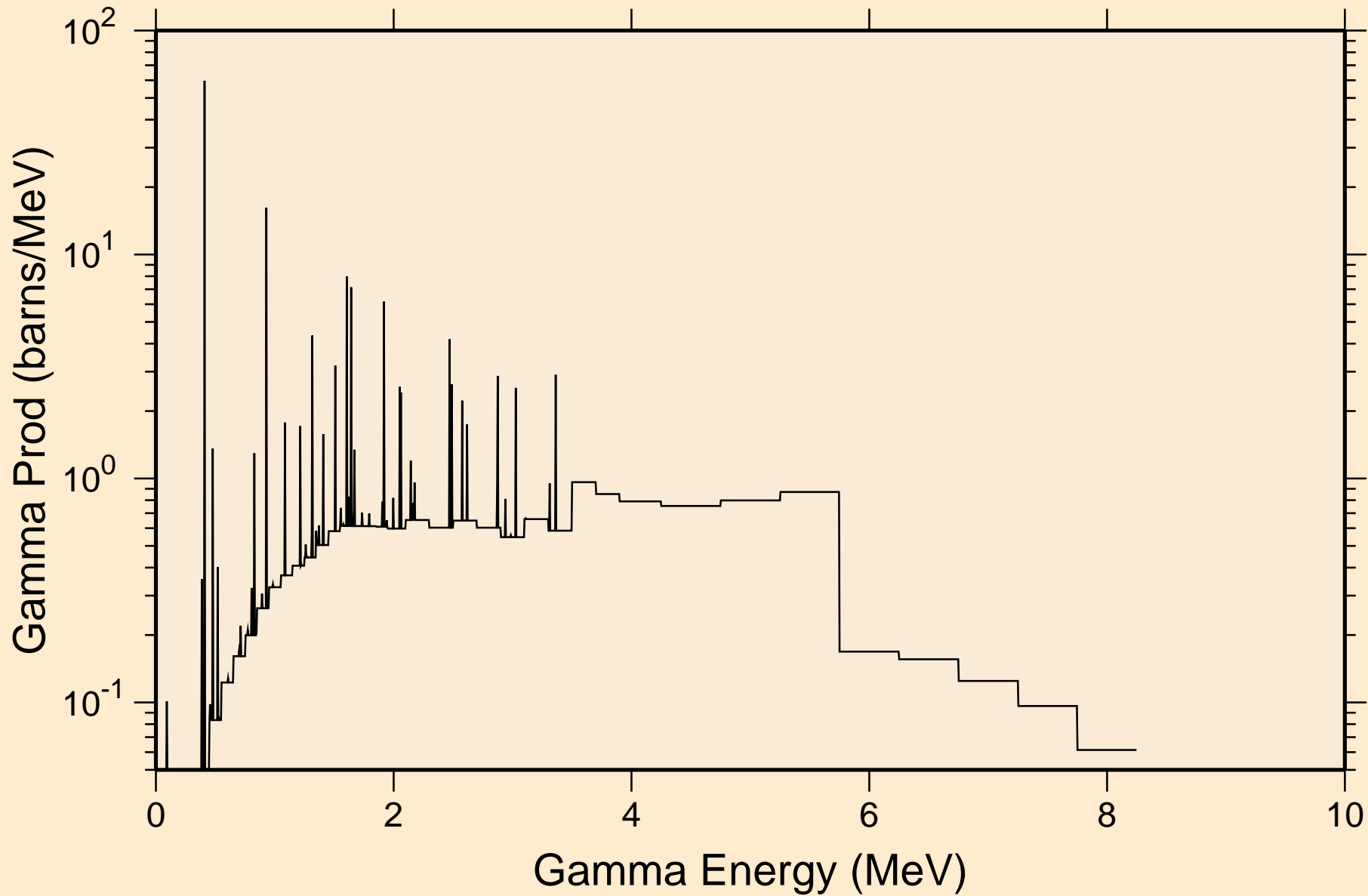
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



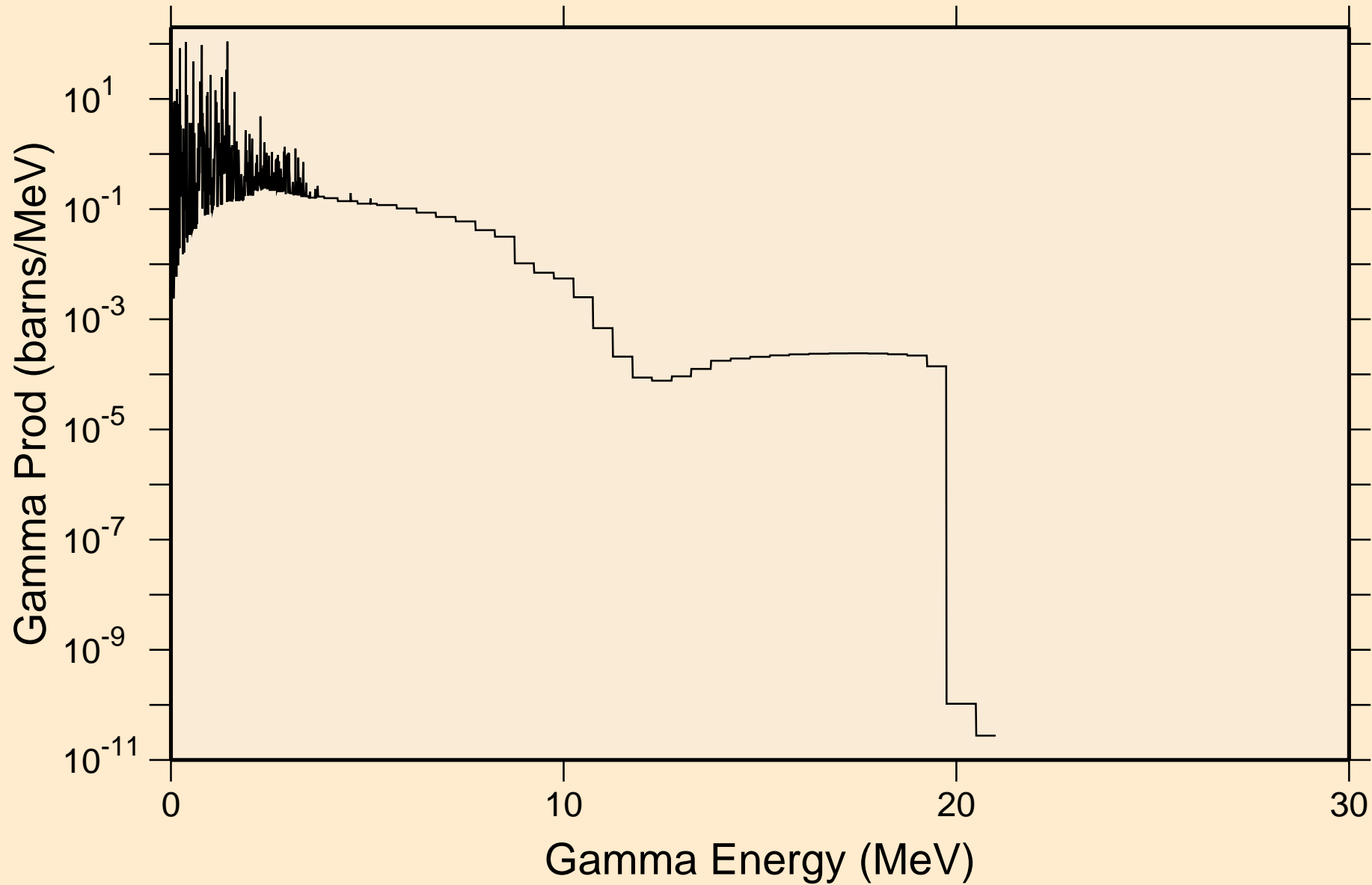
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

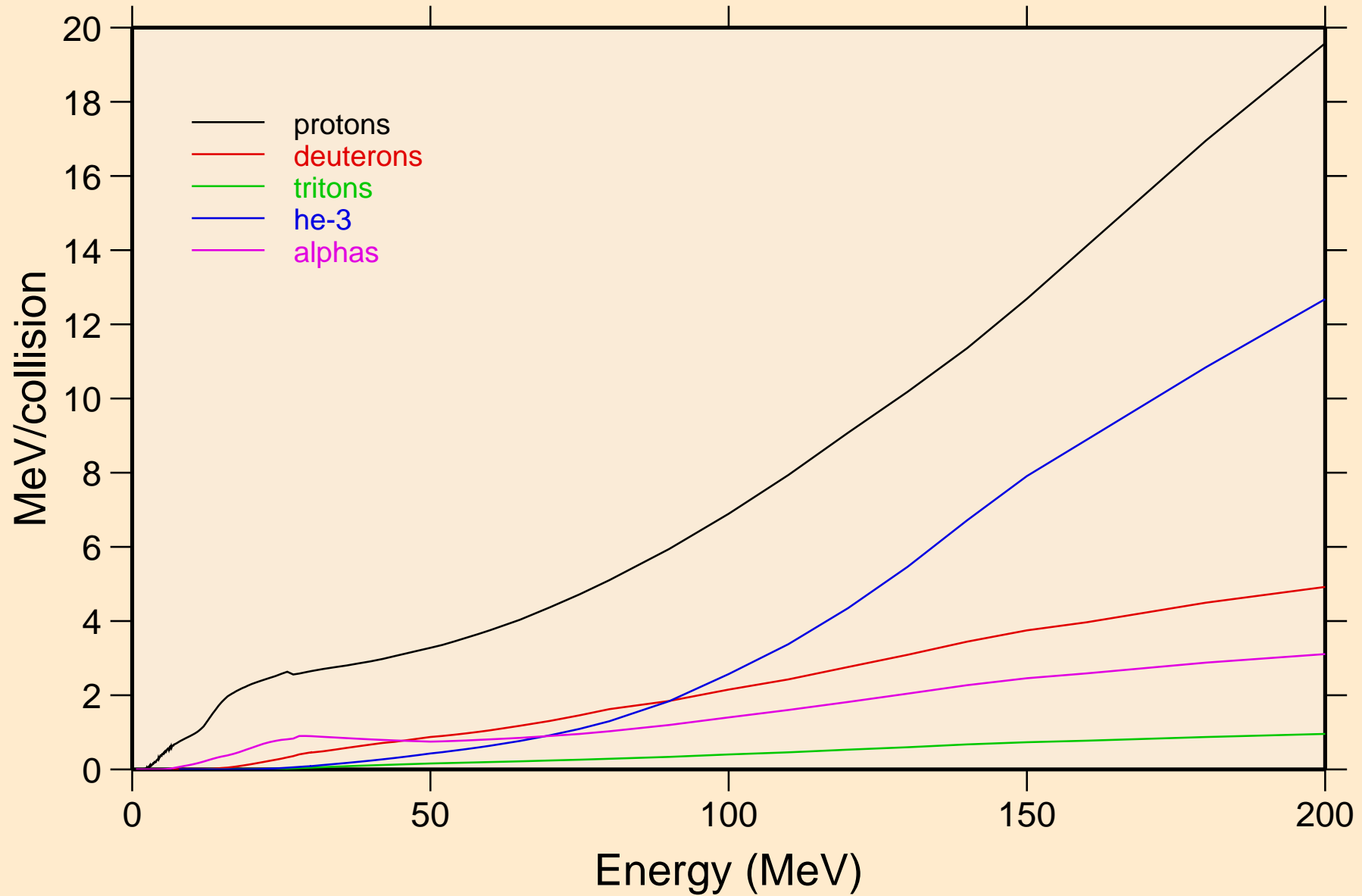


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

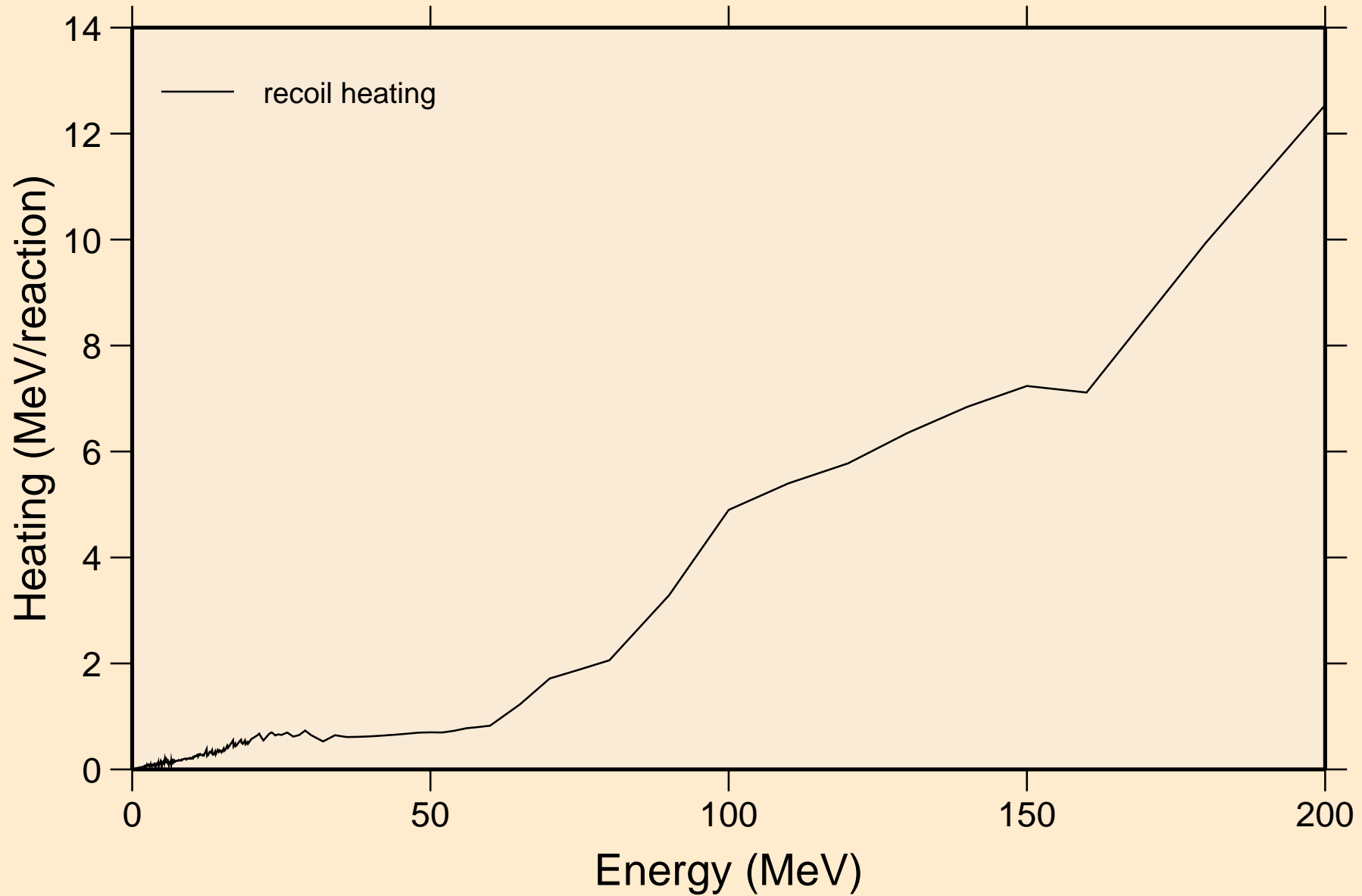


FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

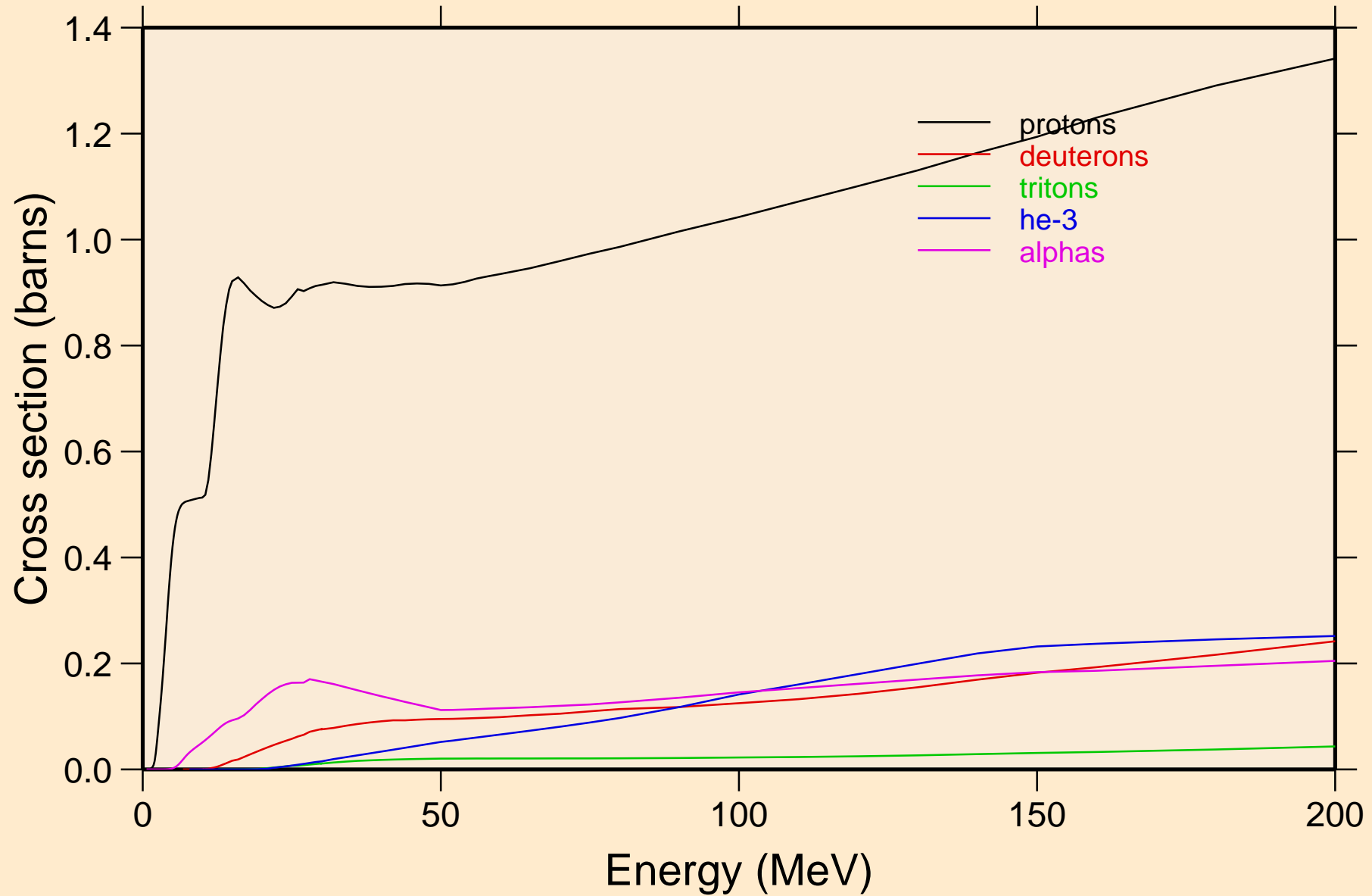
Particle heating contributions



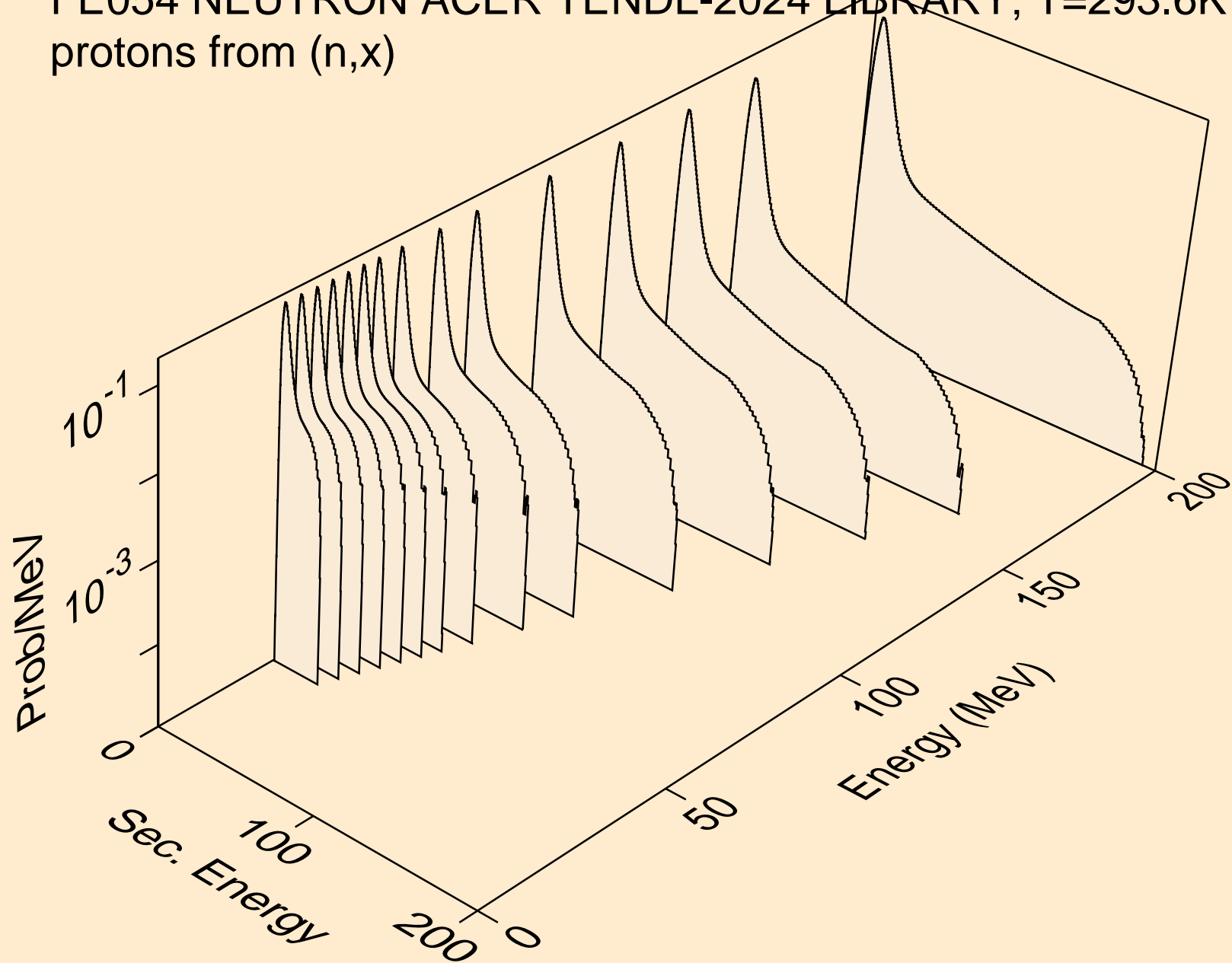
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



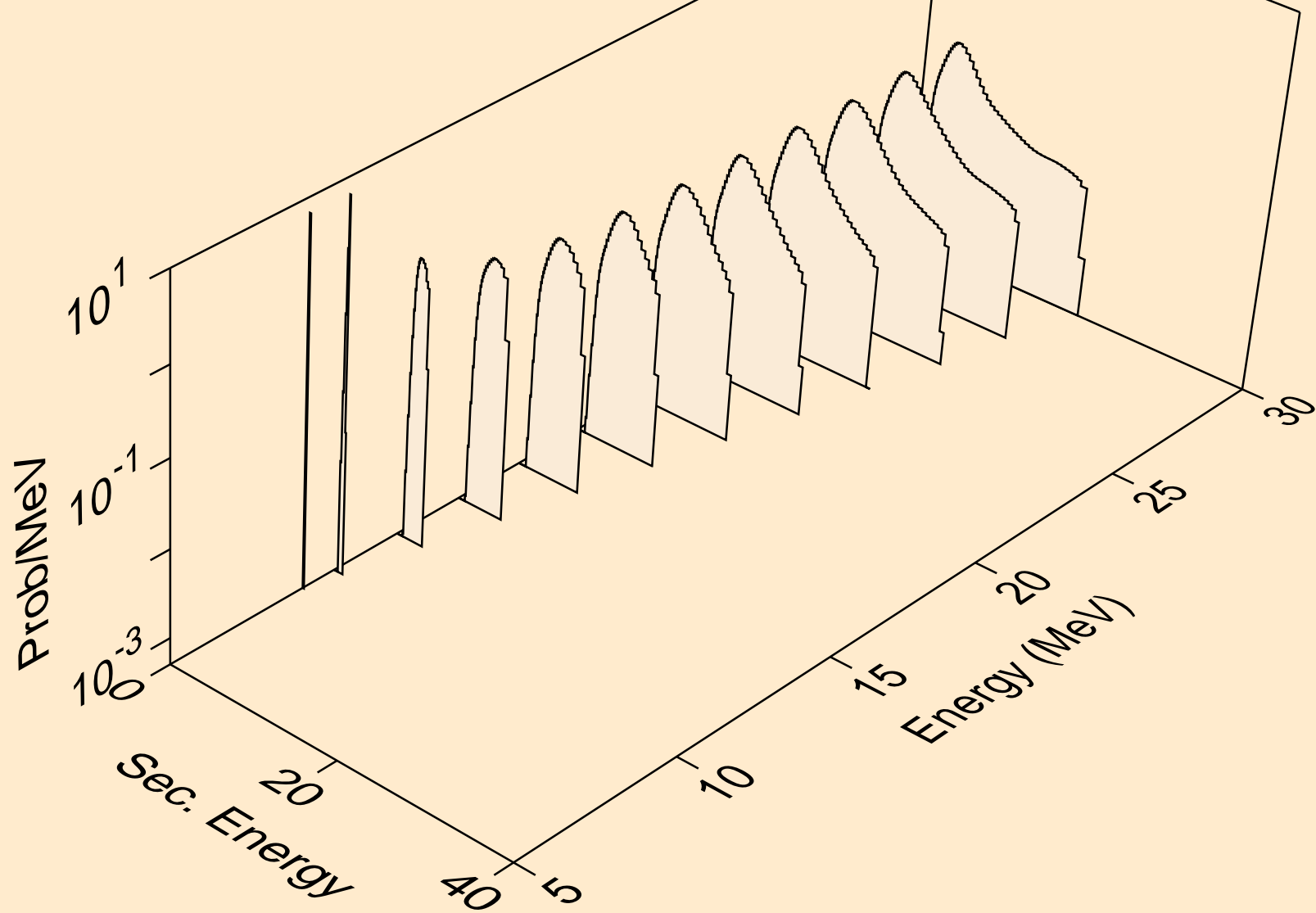
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



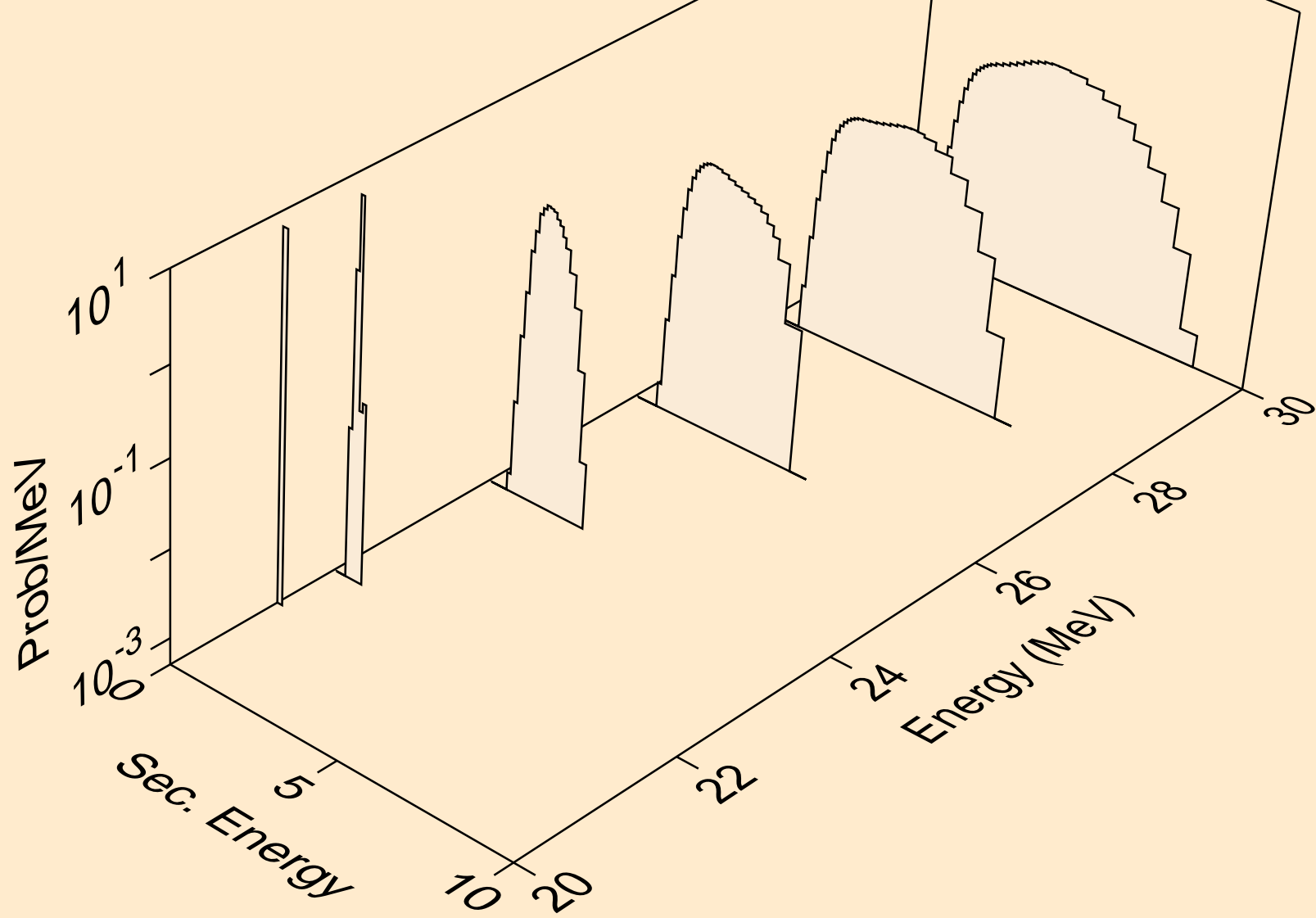
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



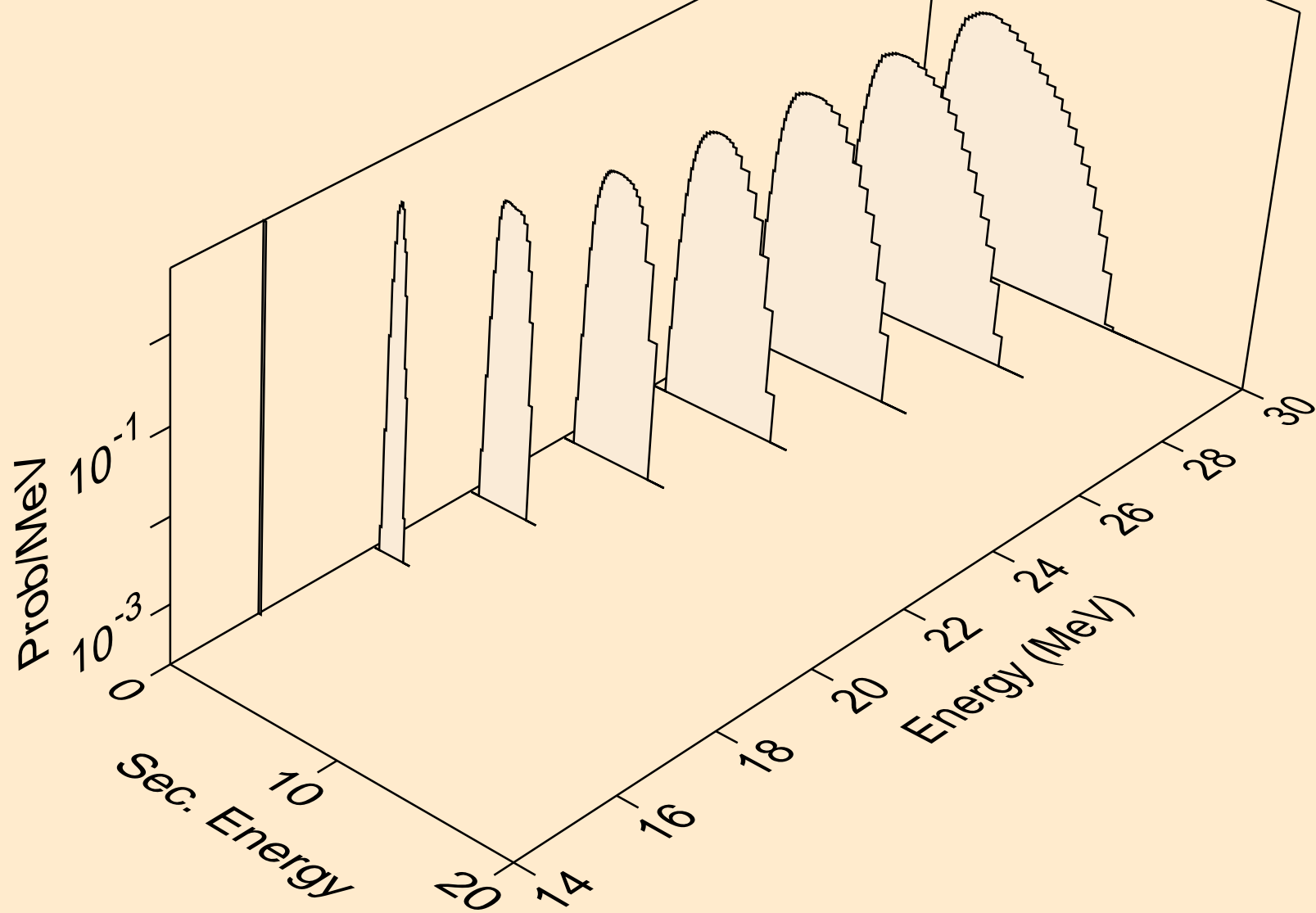
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



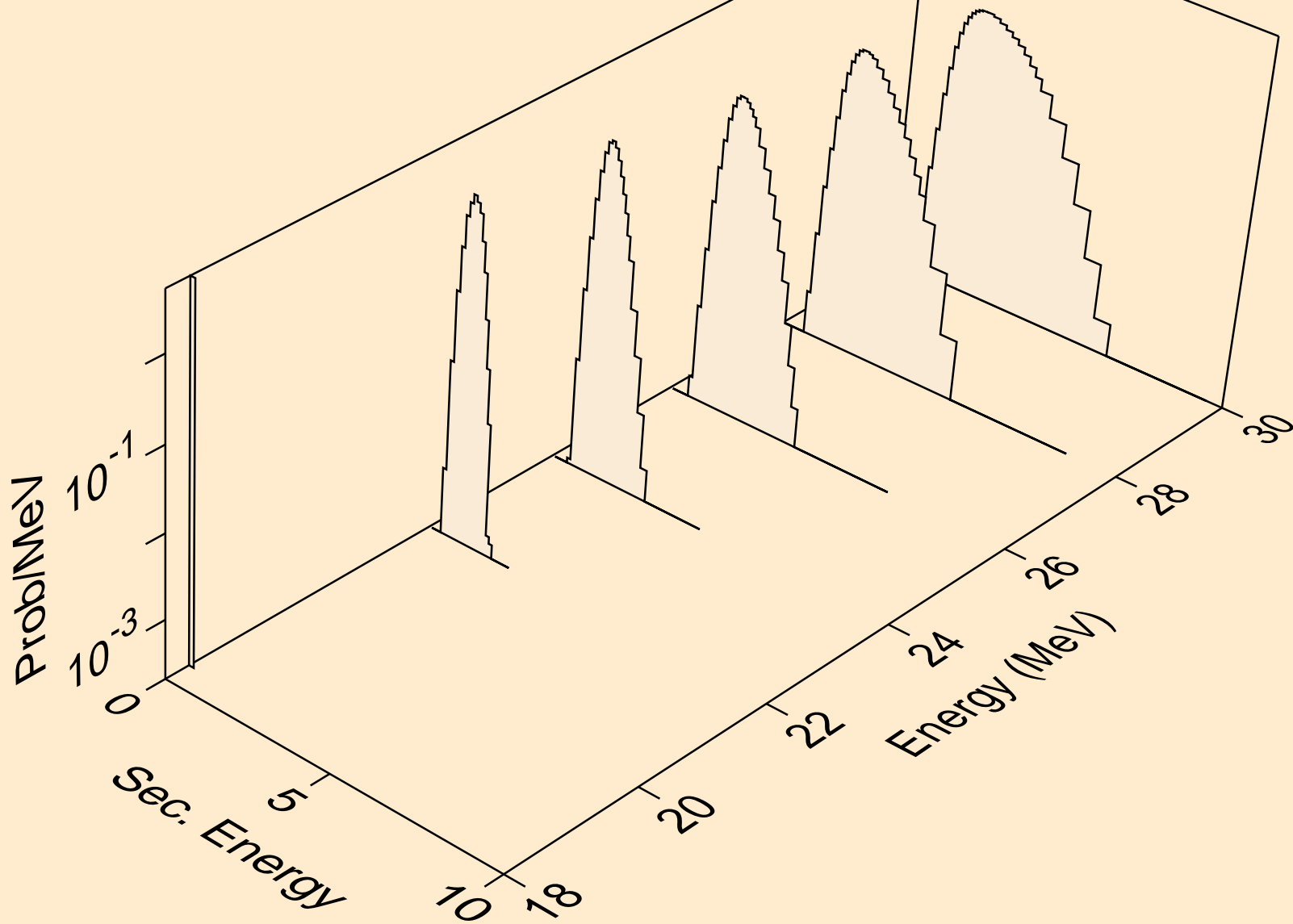
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protons from (n,2np)



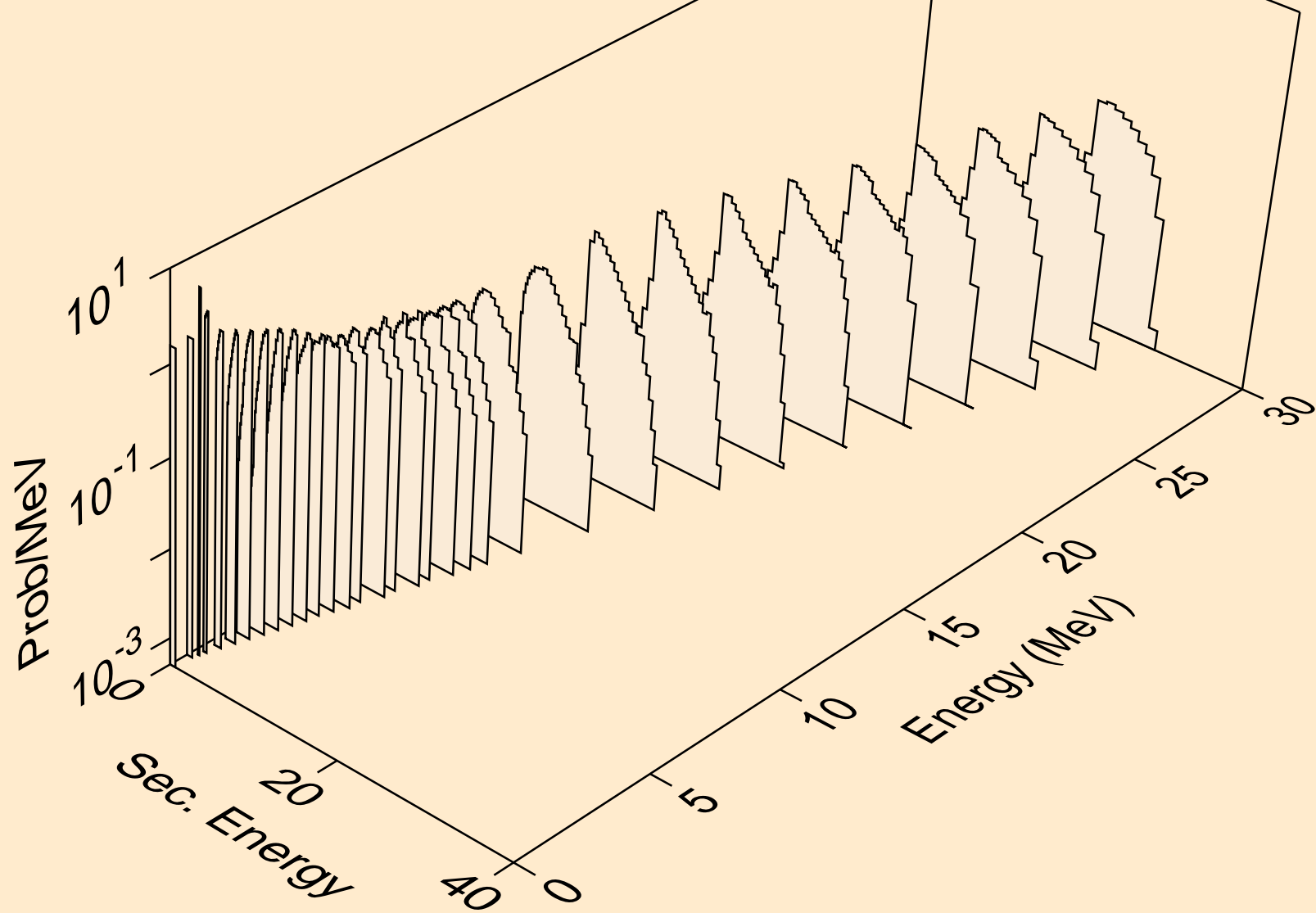
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protons from (n,n2p)



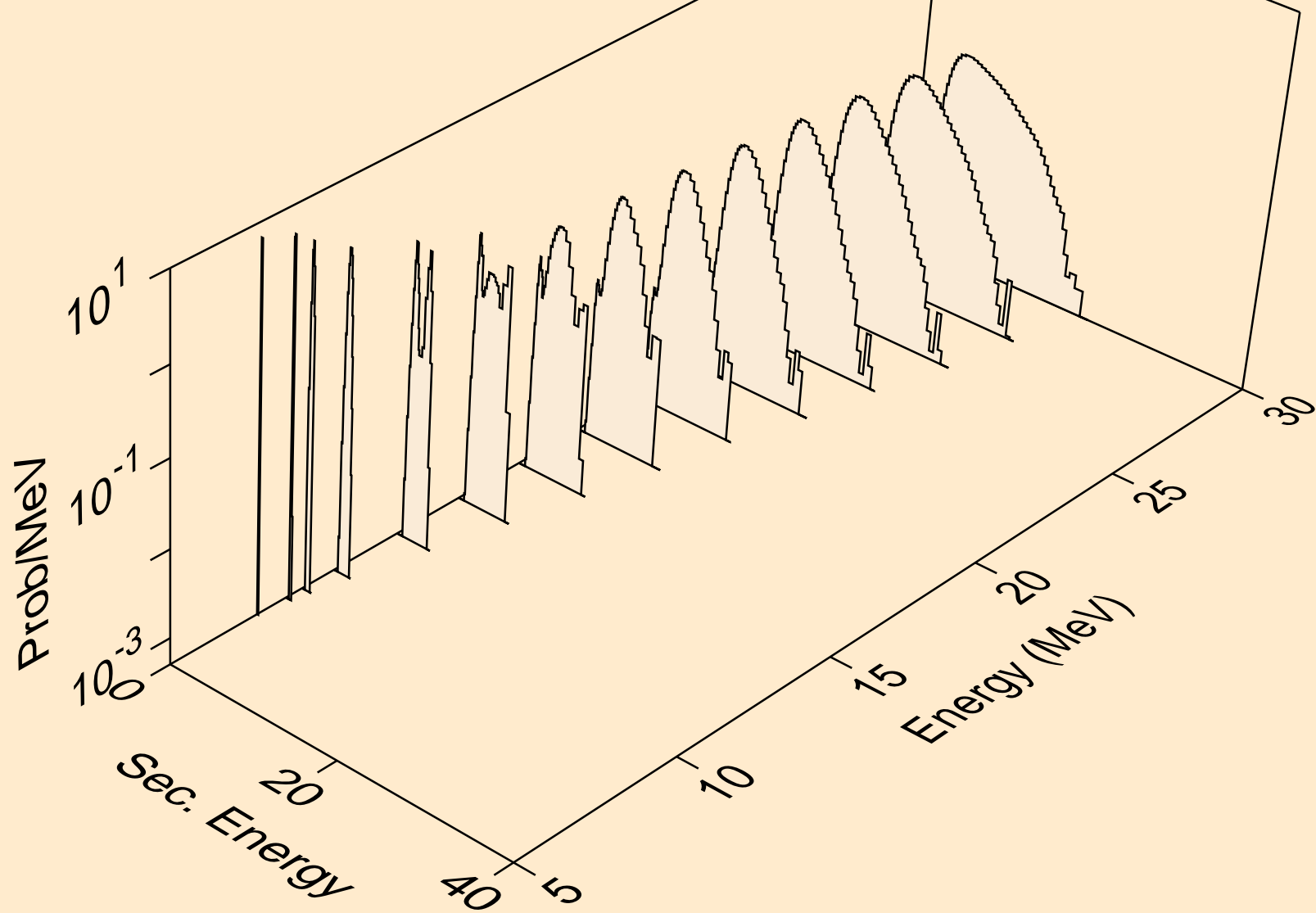
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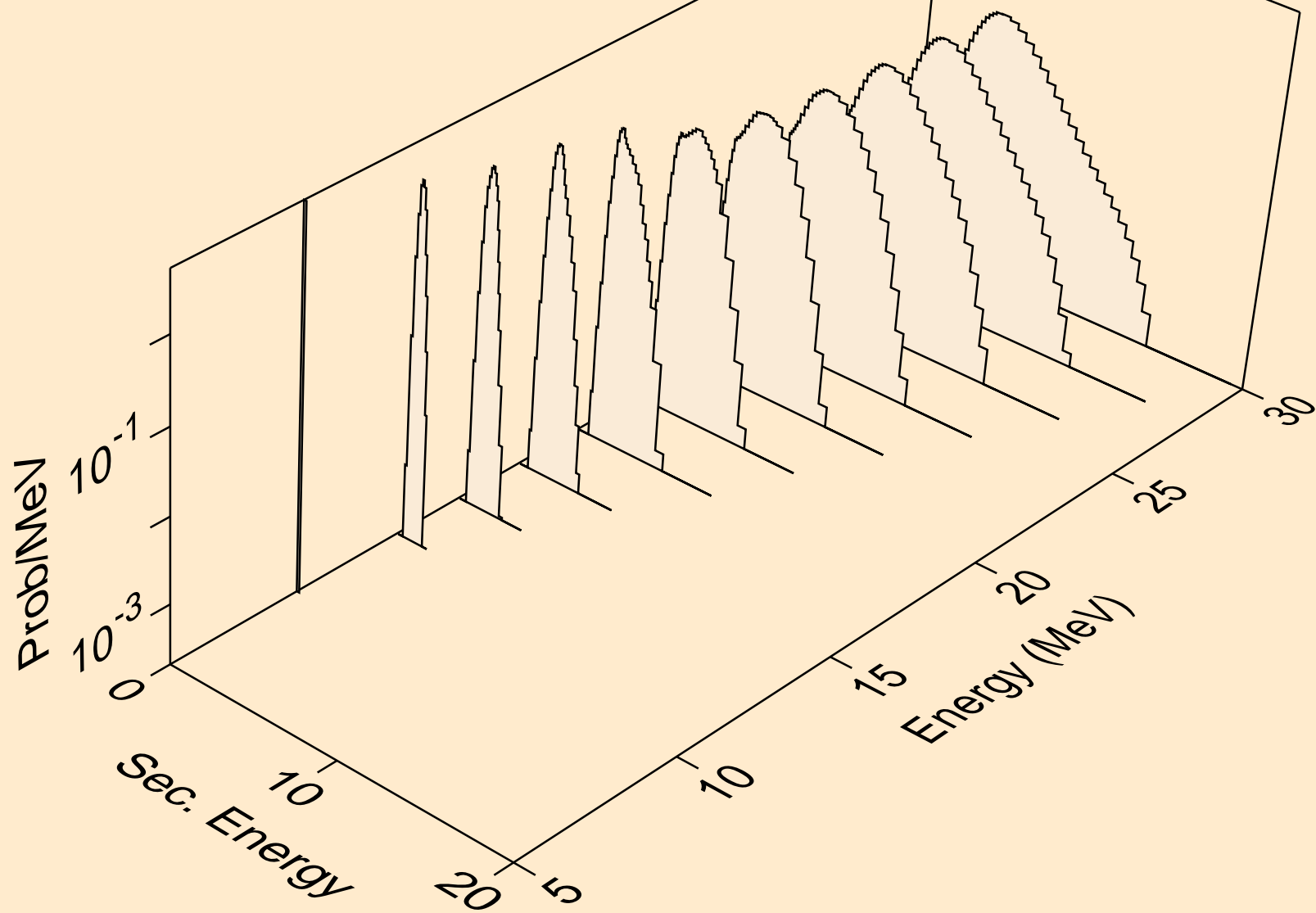
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protons from (n,p)



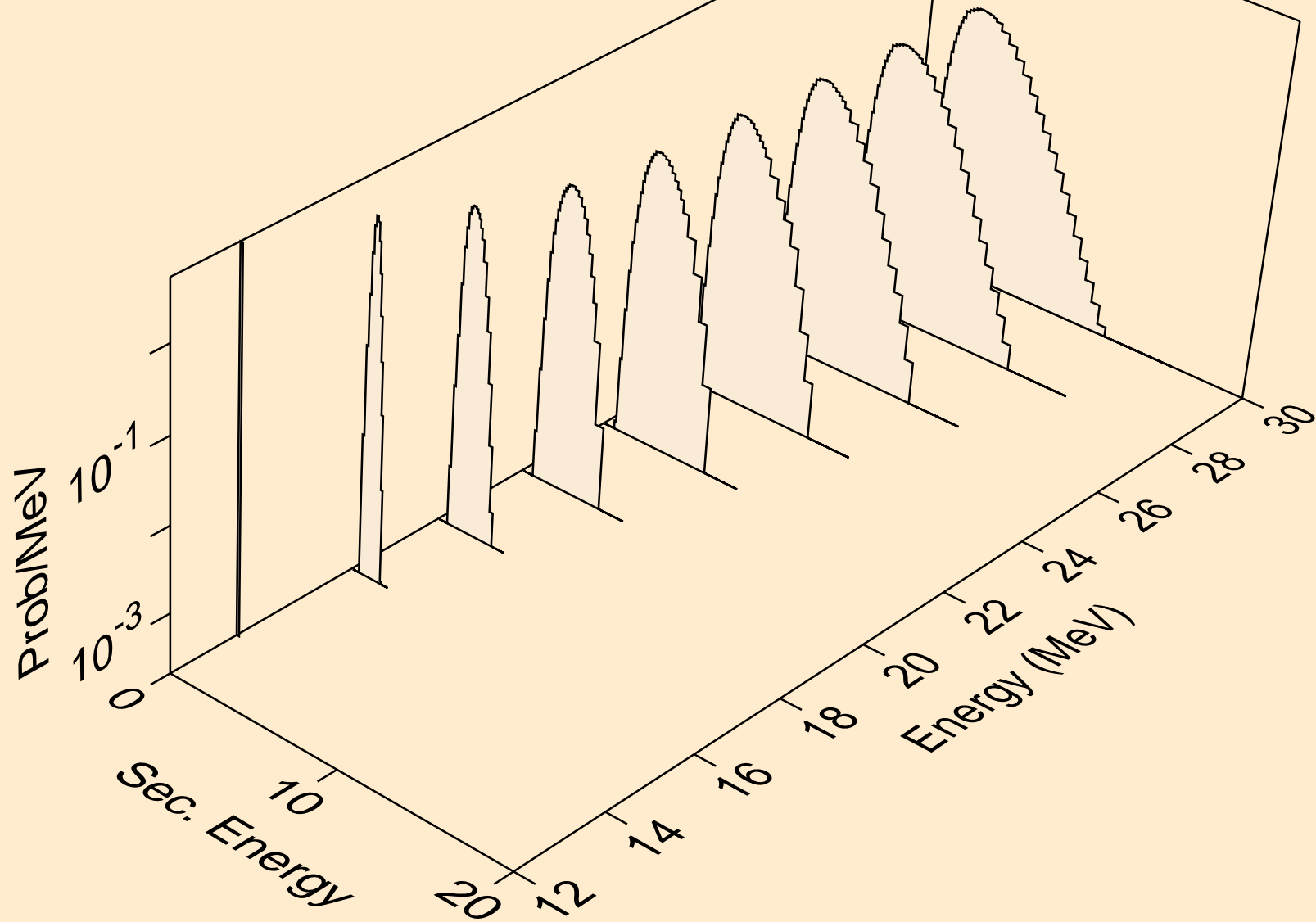
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protons from (n,2p)



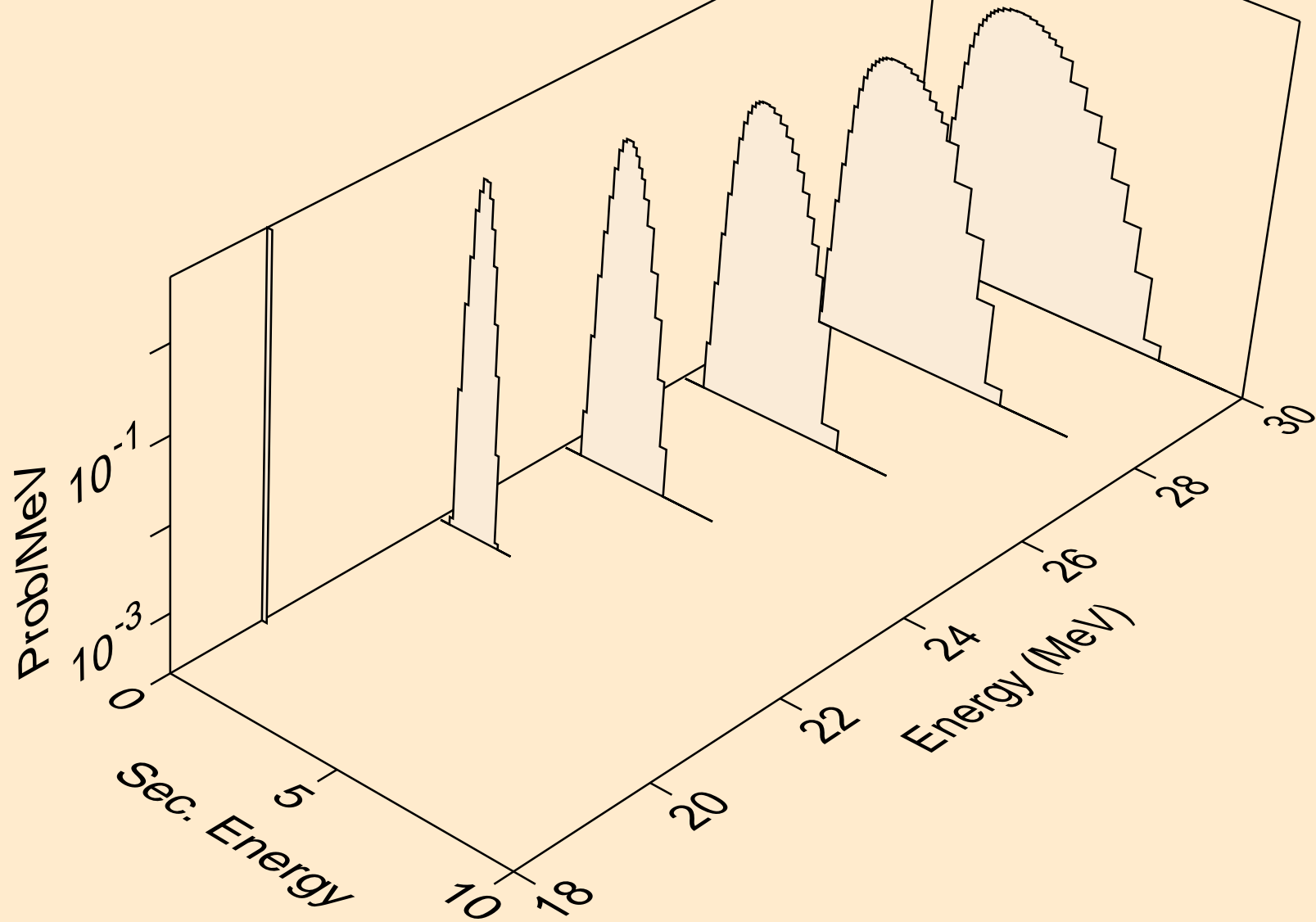
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protons from (n,p)



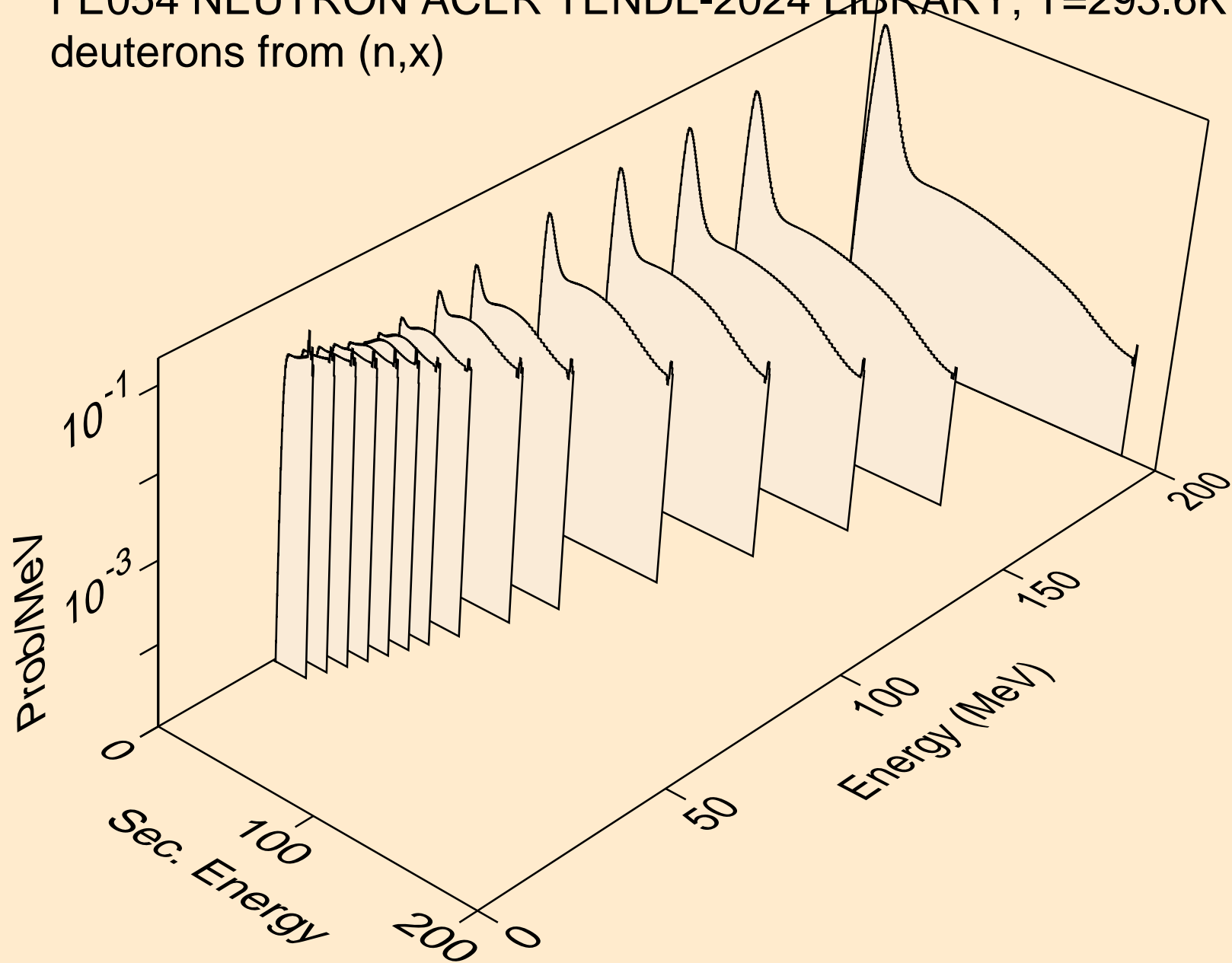
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protons from (n,pd)



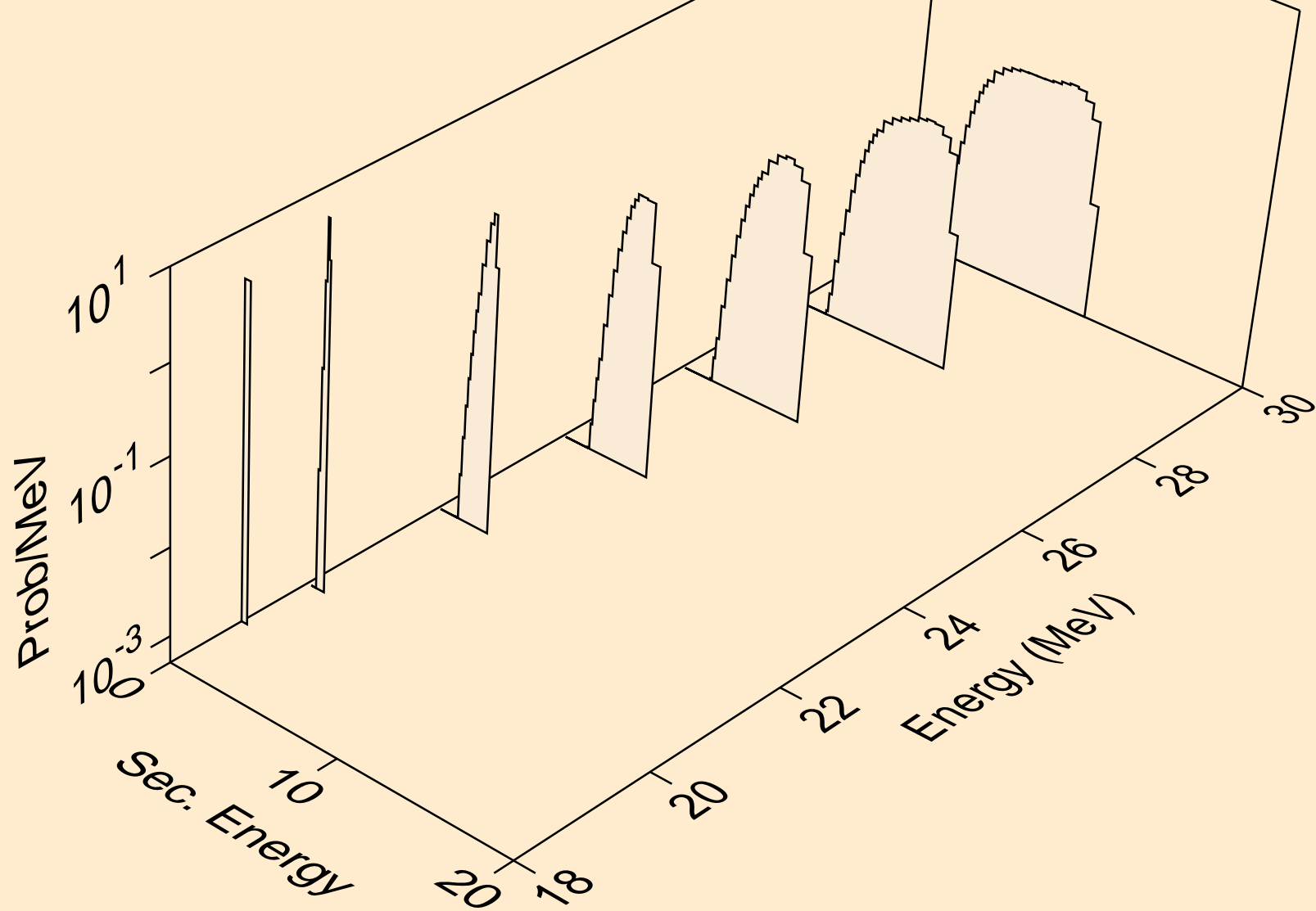
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protons from (n,pt)



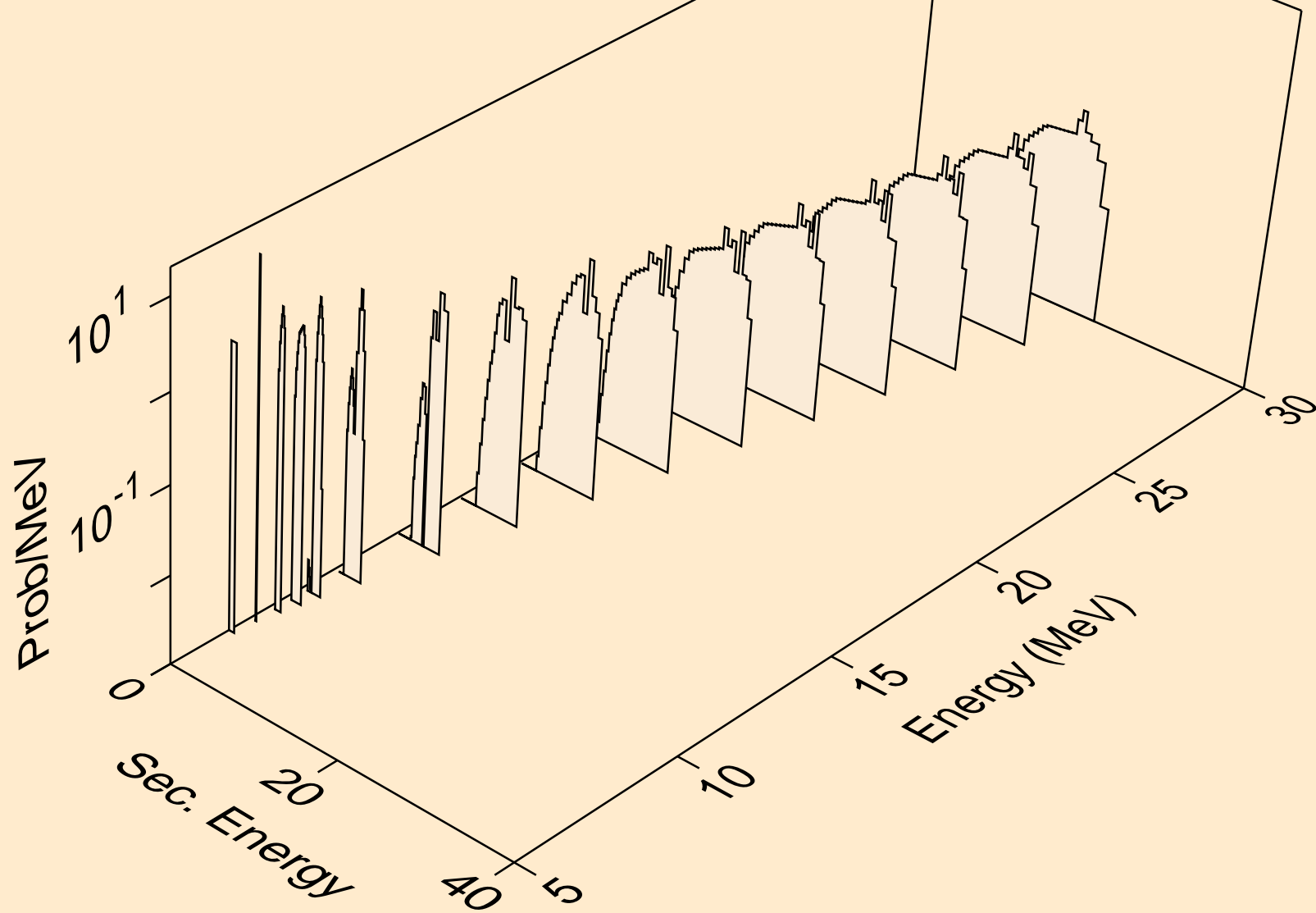
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deuterons from (n,x)



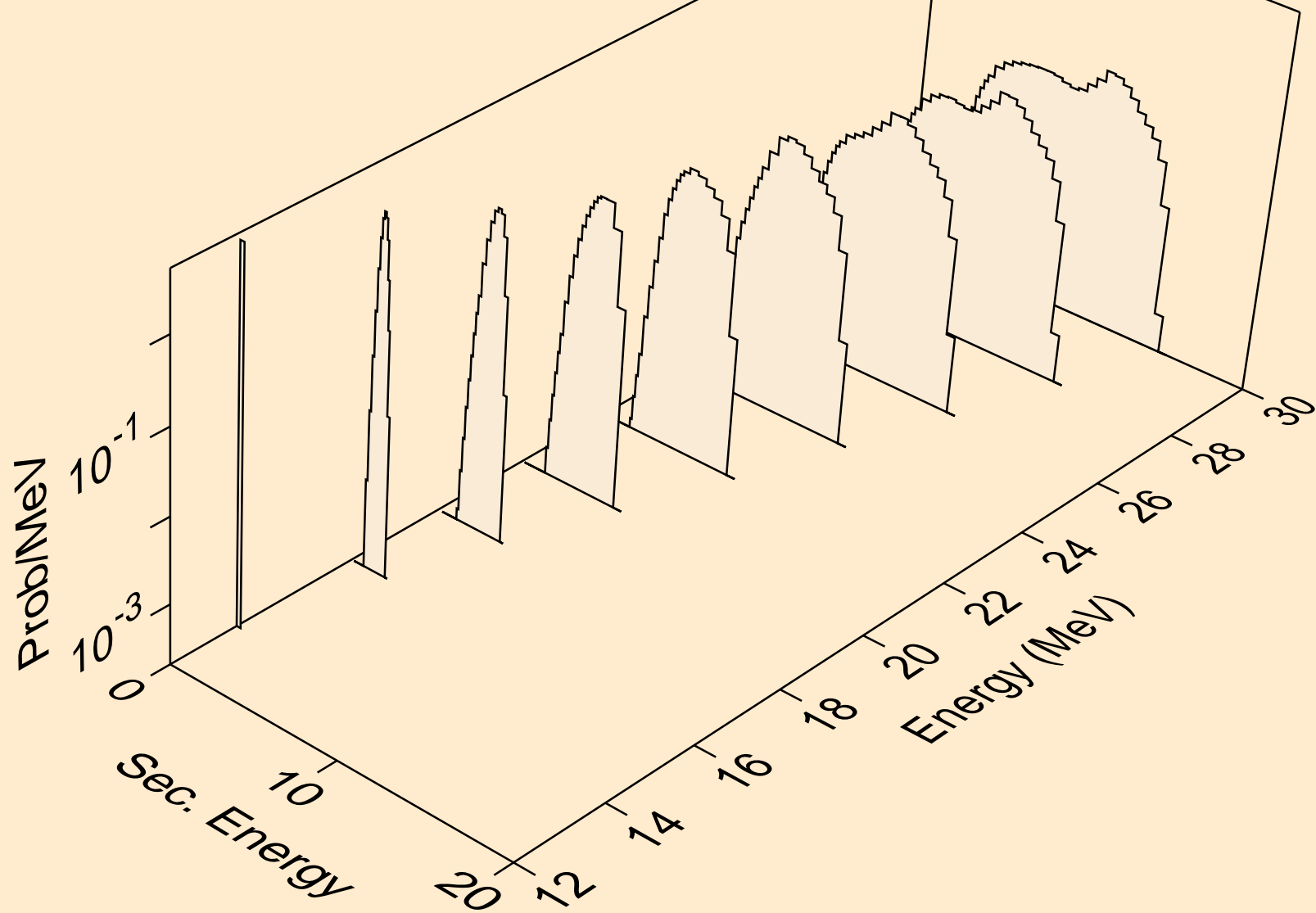
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deuterons from (n,n*)d



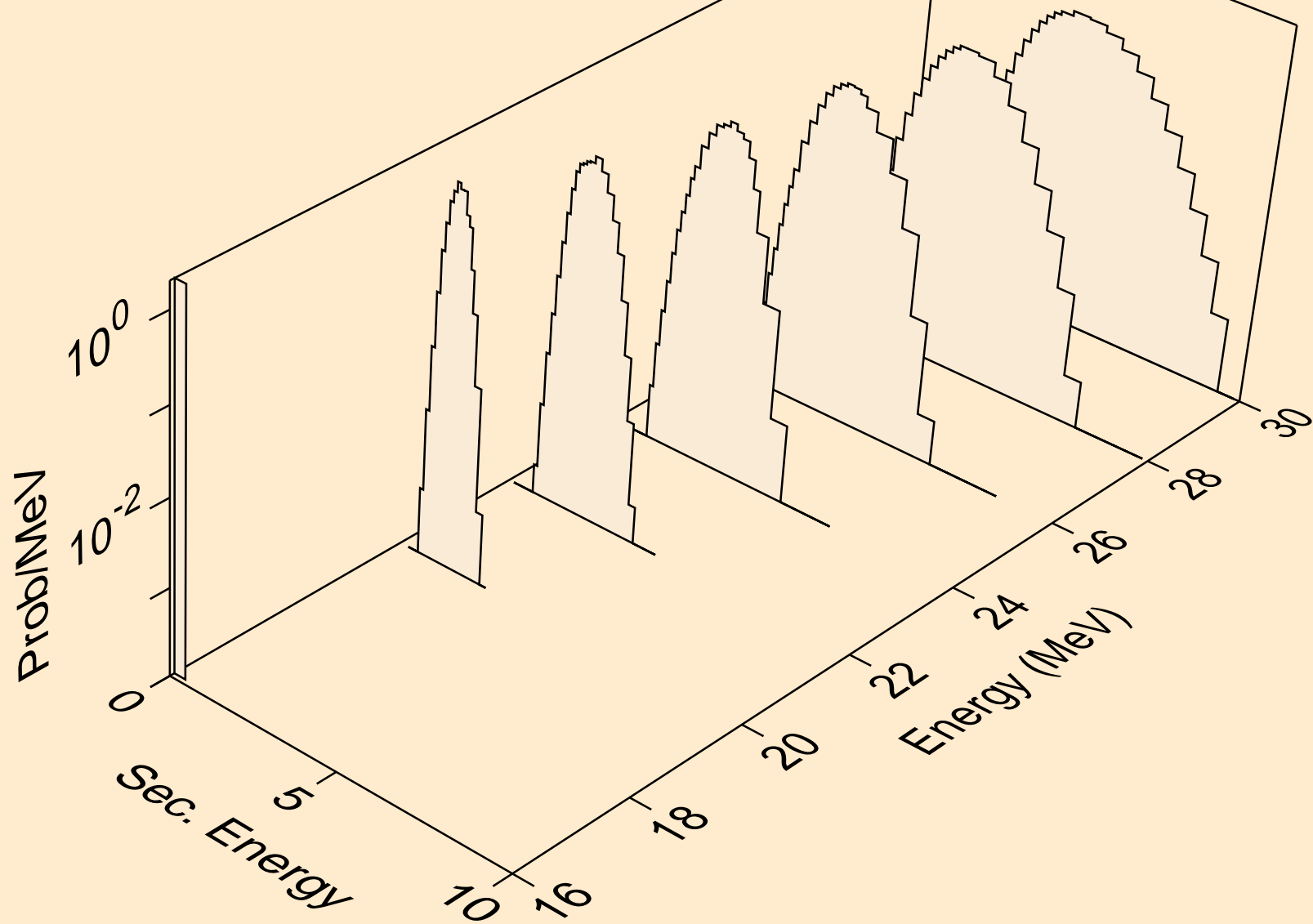
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deuterons from (n,d)



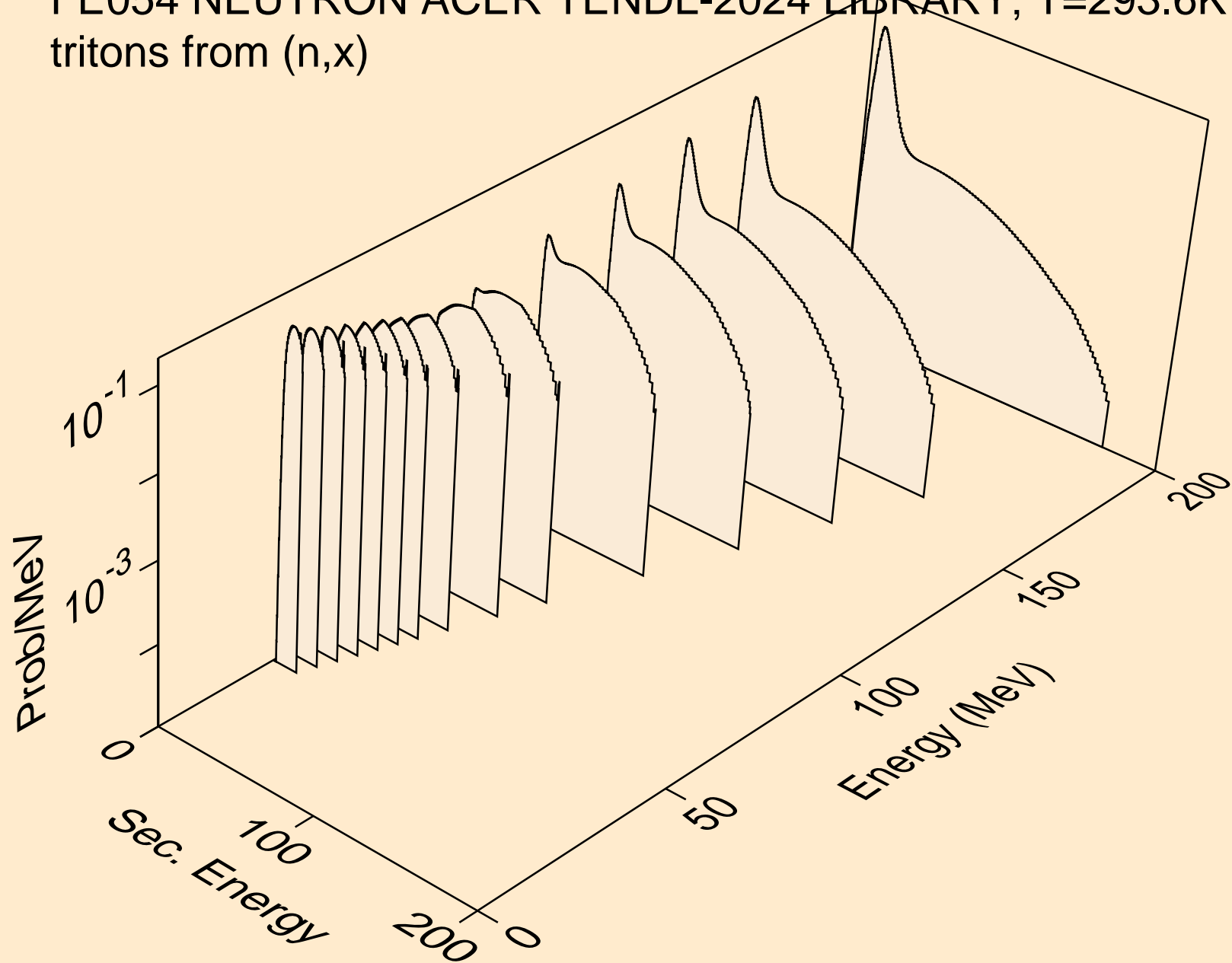
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deuterons from (n,pd)



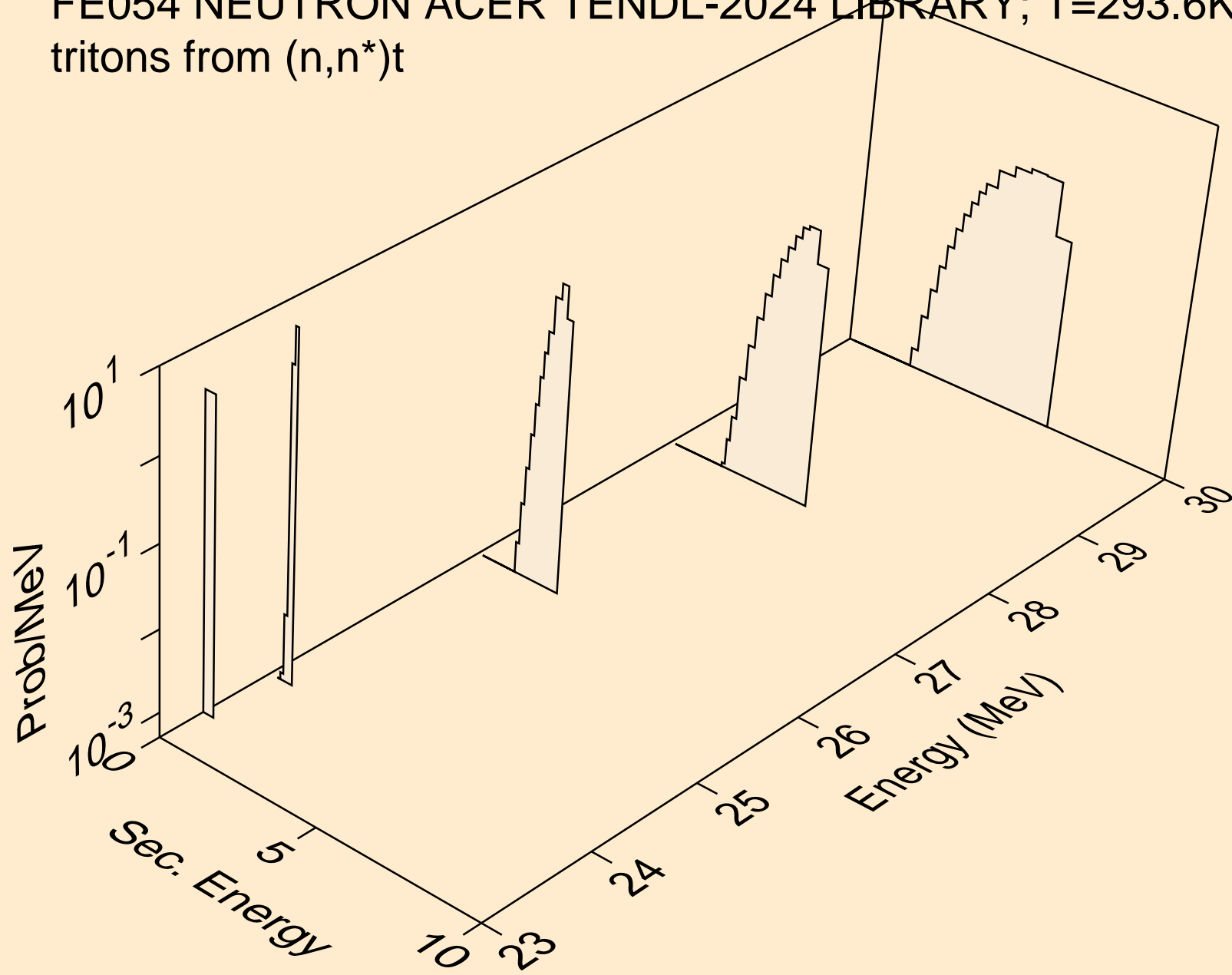
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deuterons from (n,da)



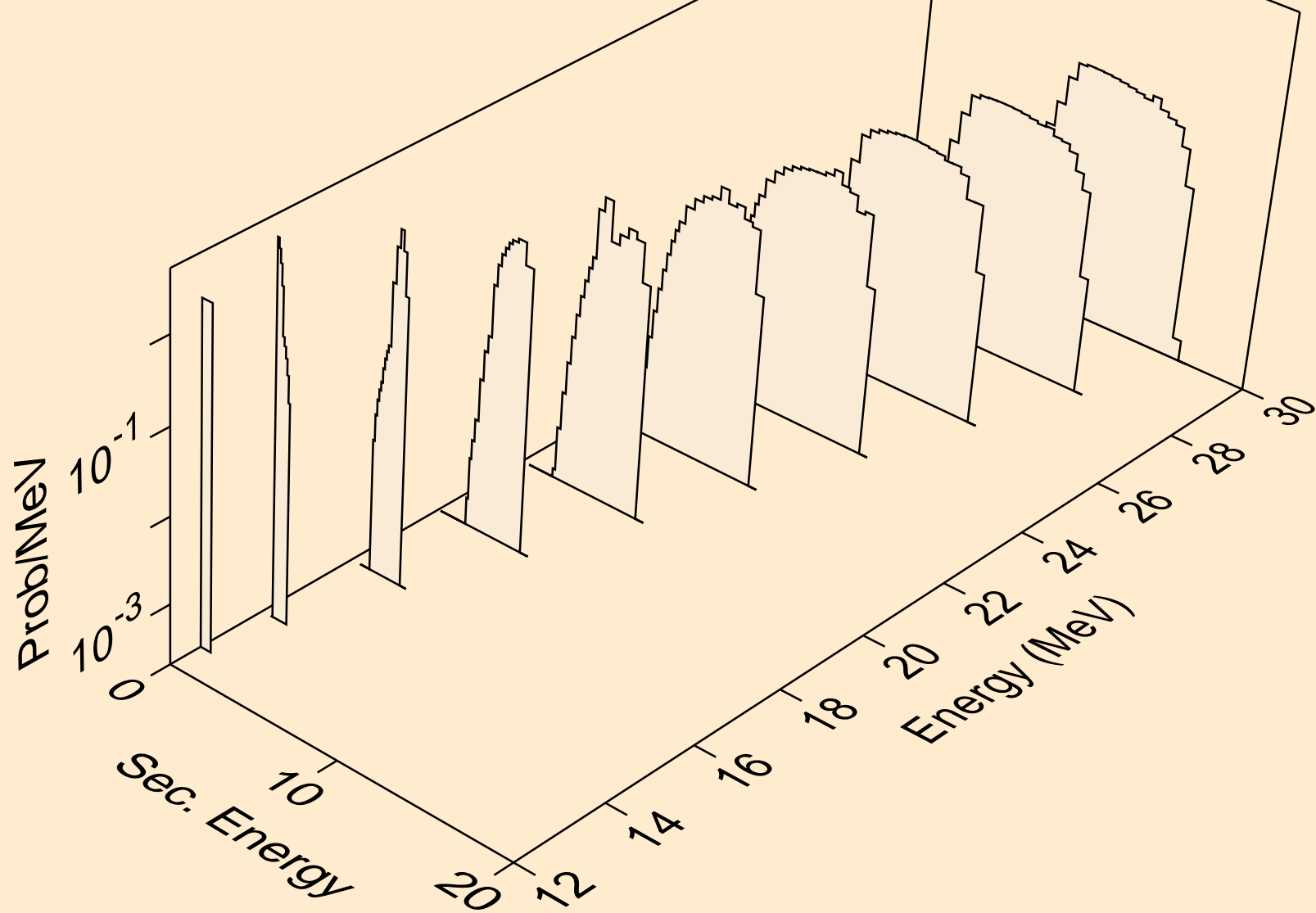
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



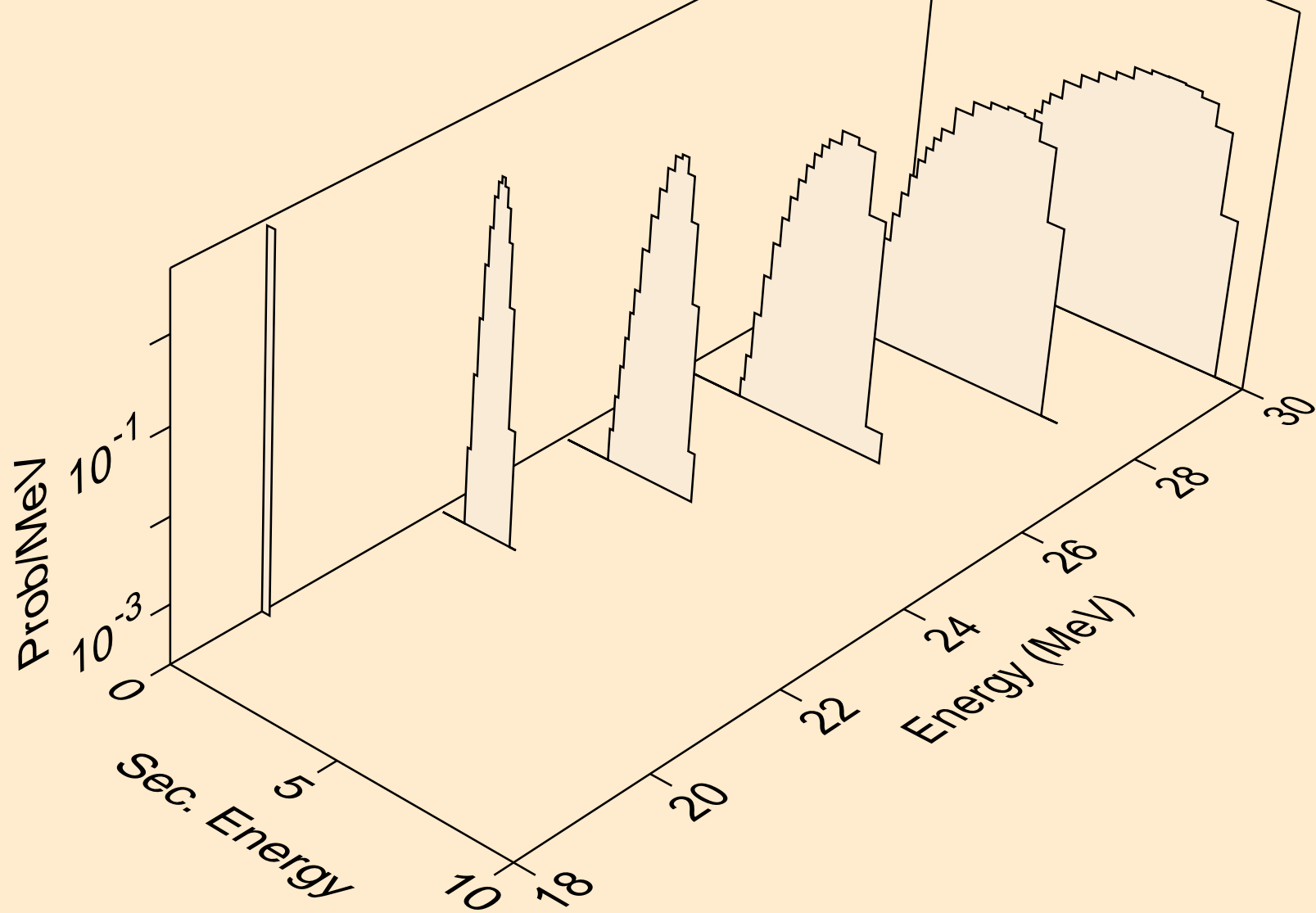
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



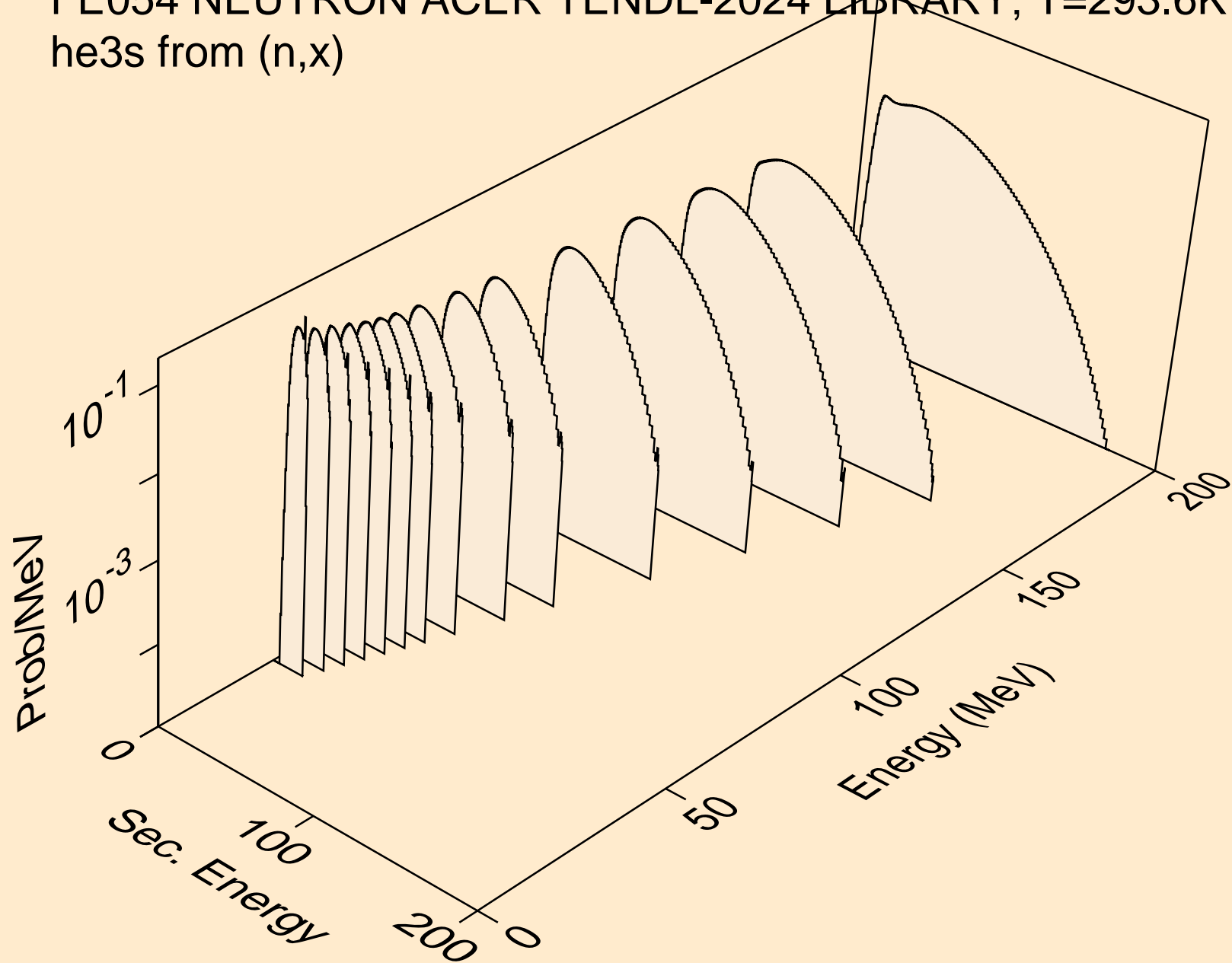
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



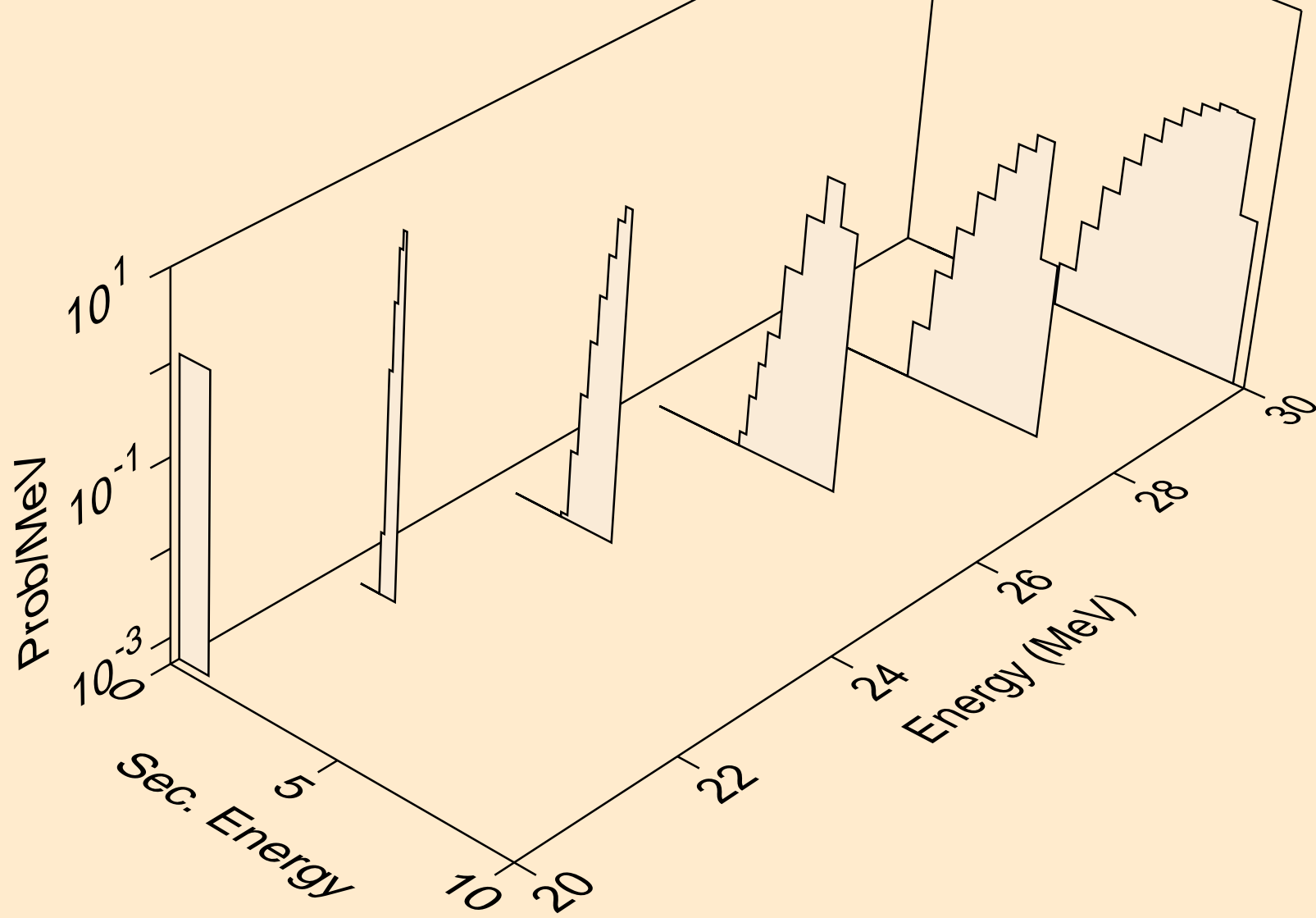
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tritons from (n,pt)



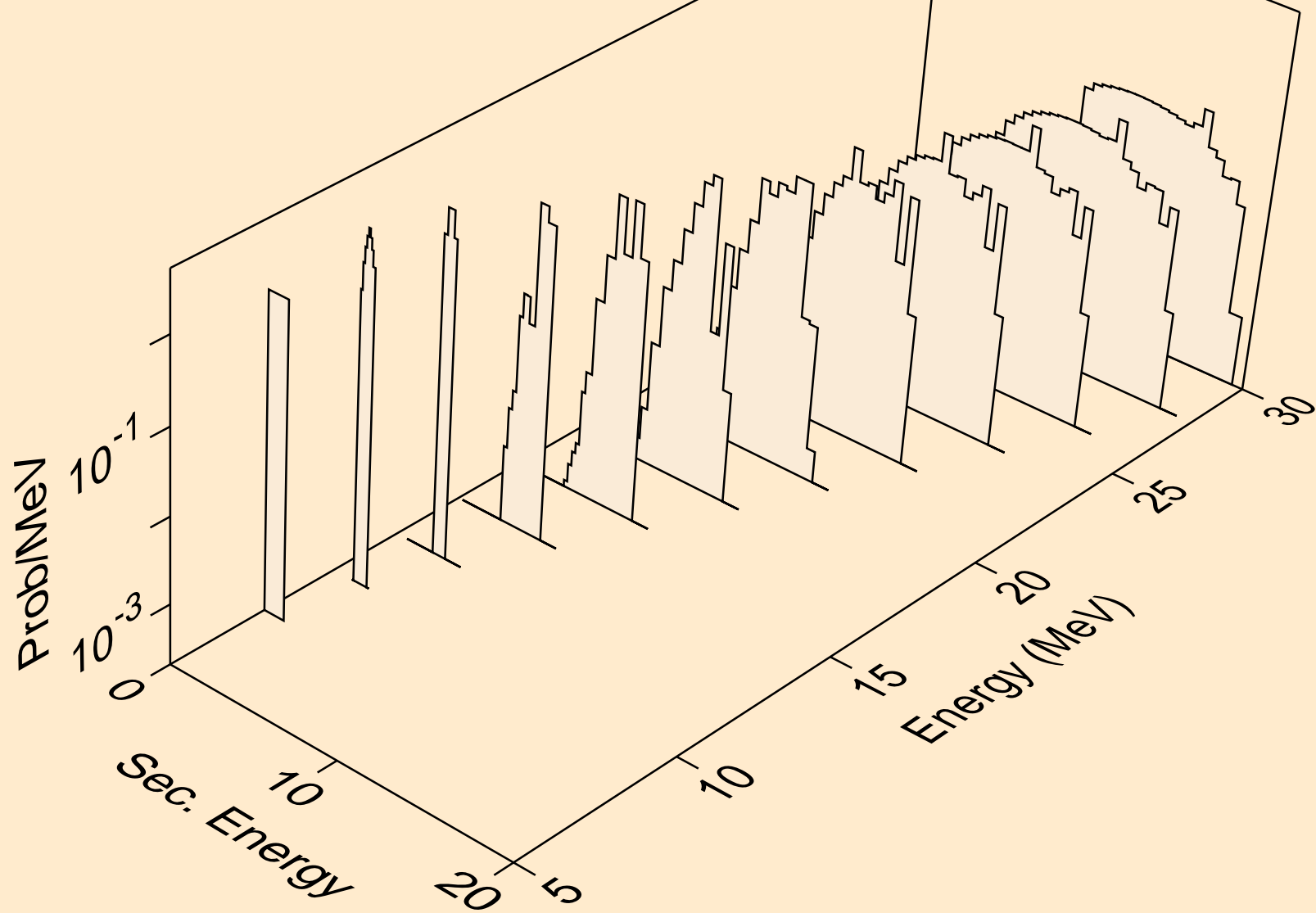
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



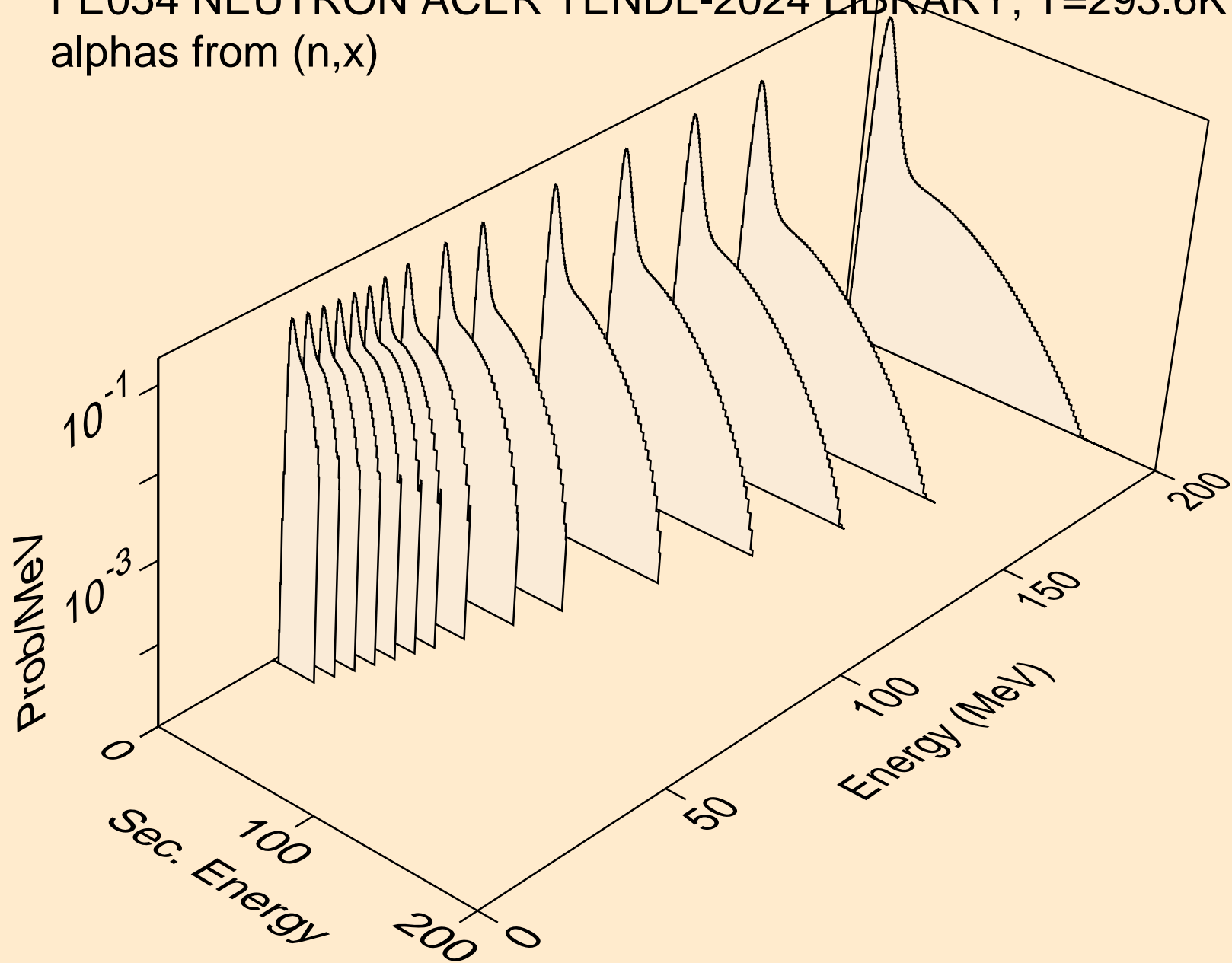
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



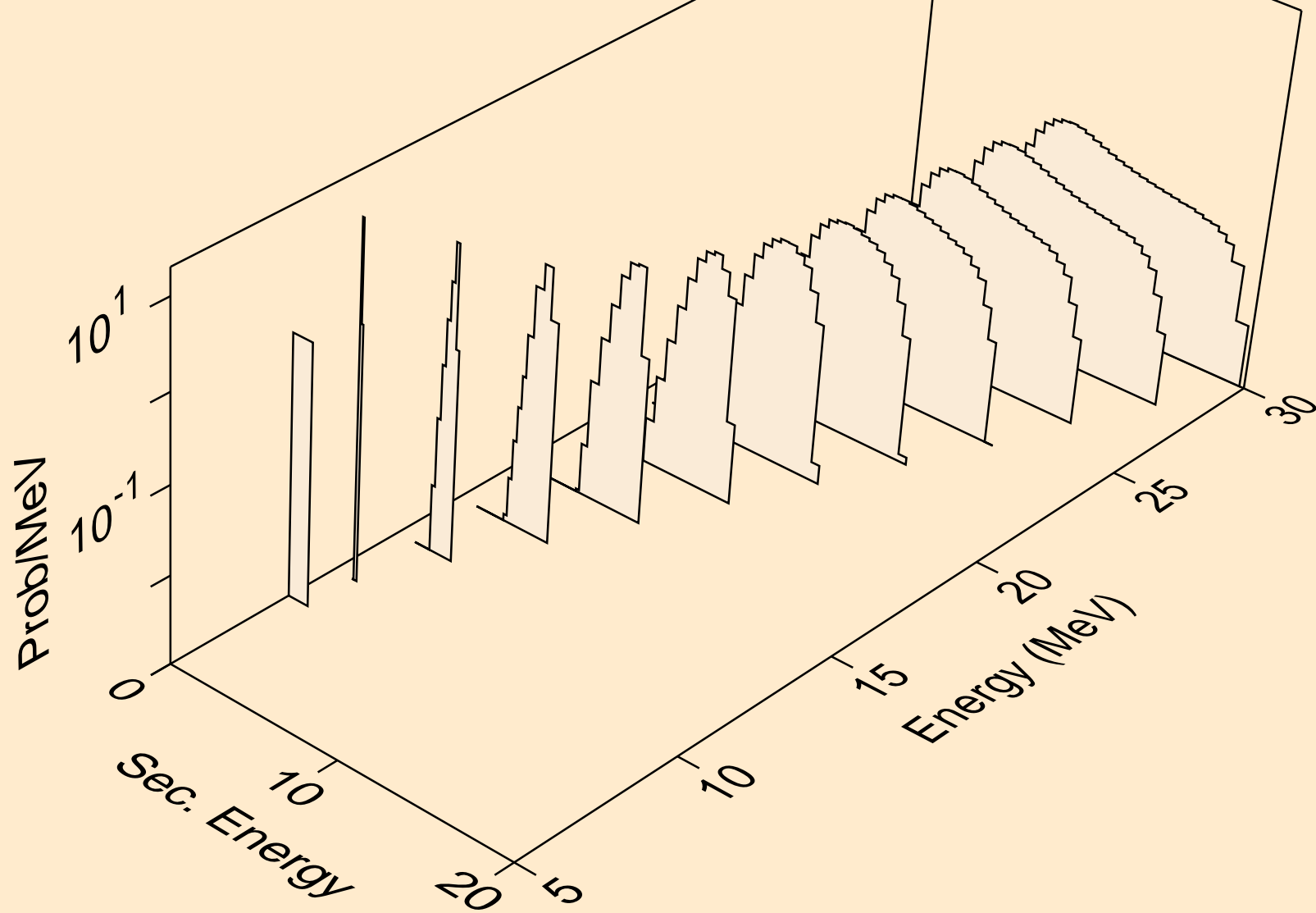
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



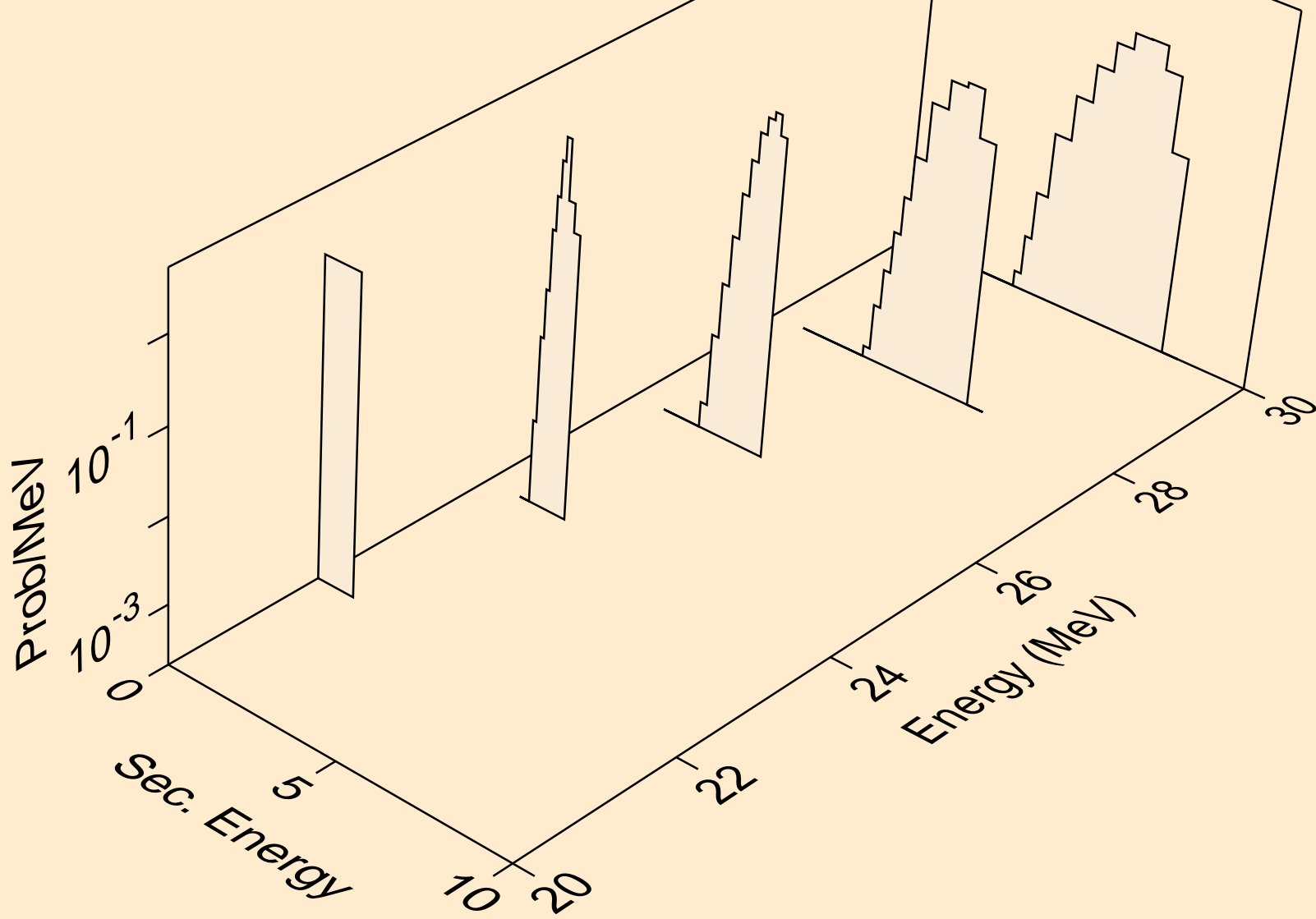
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



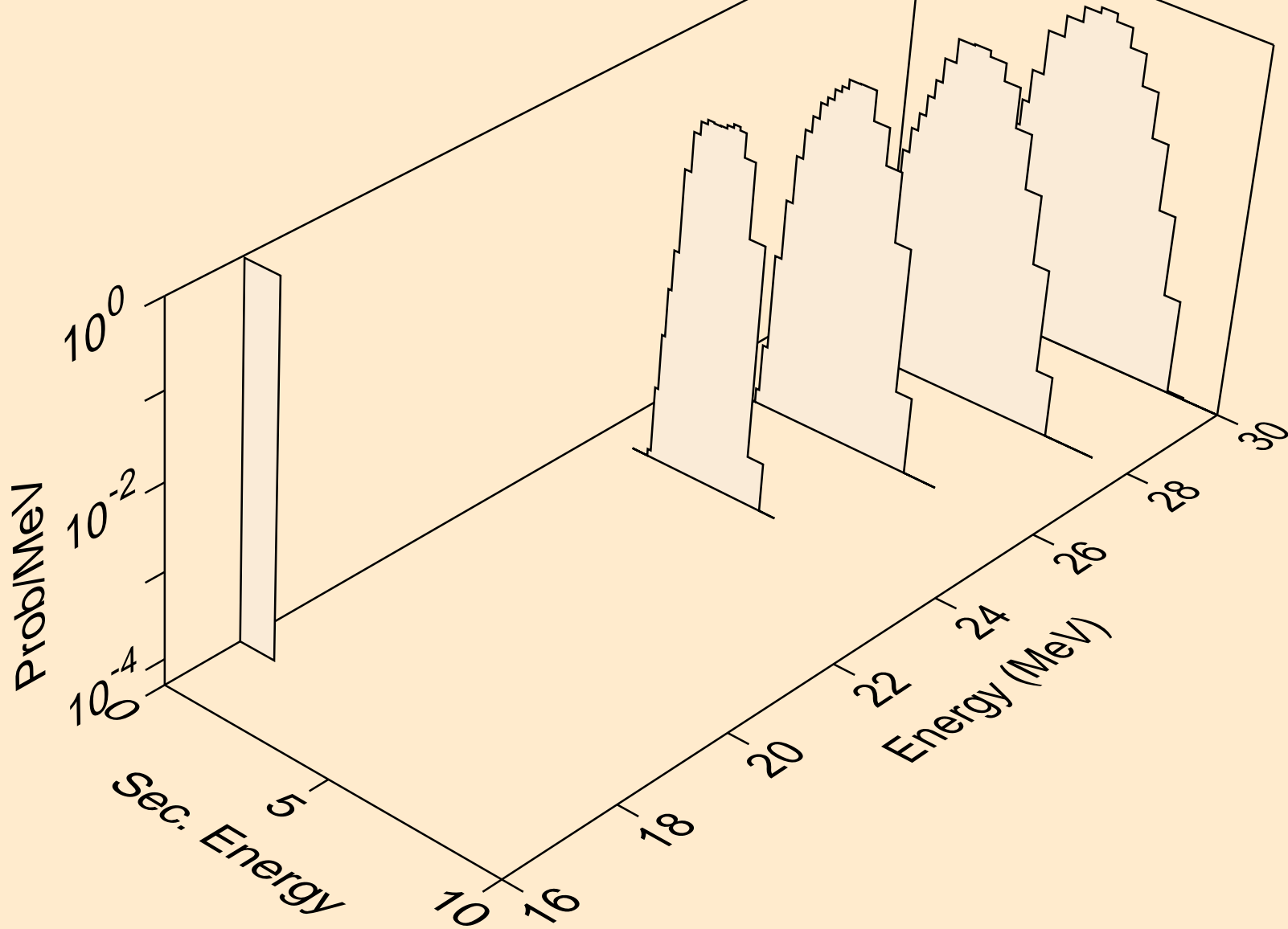
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



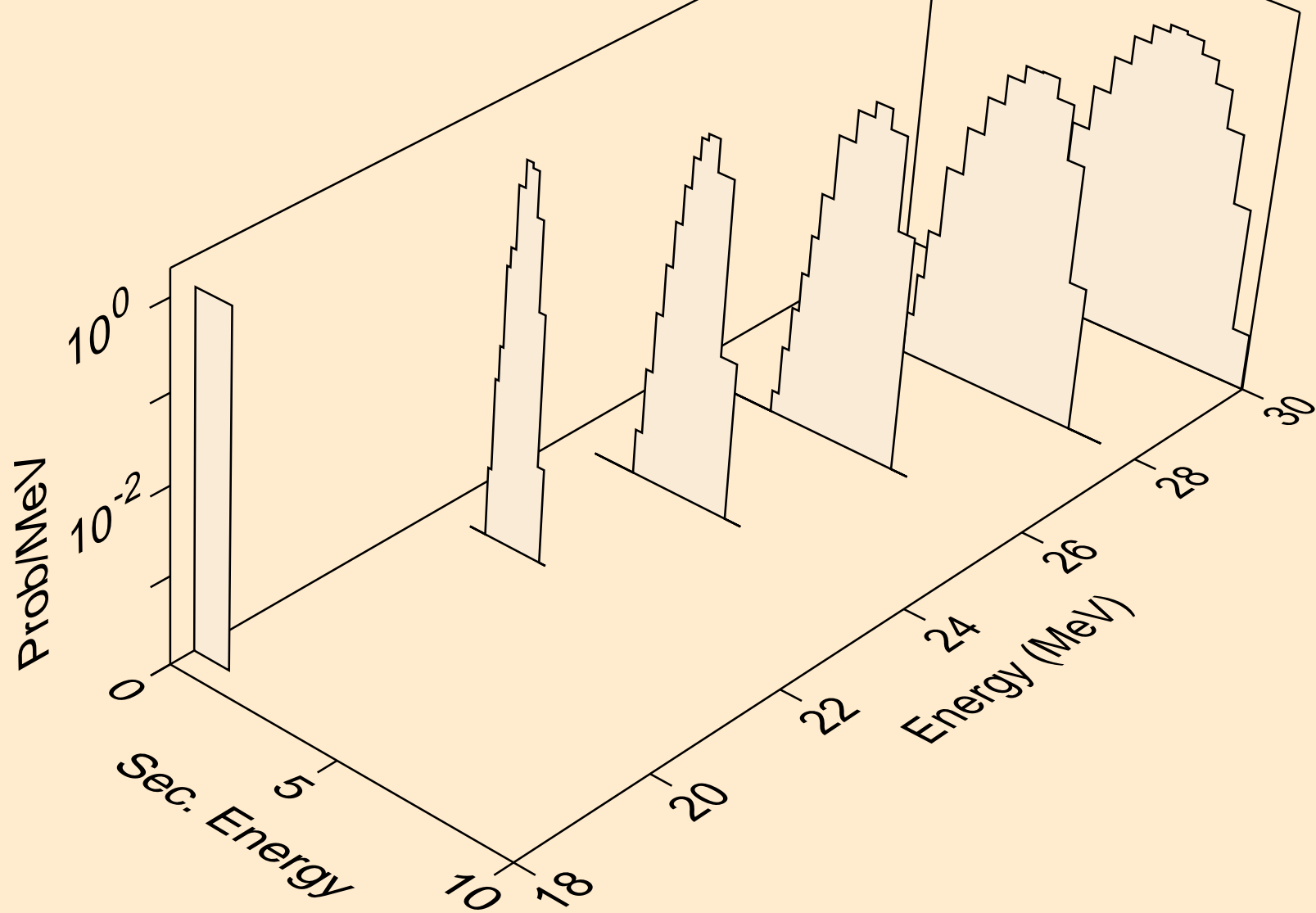
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



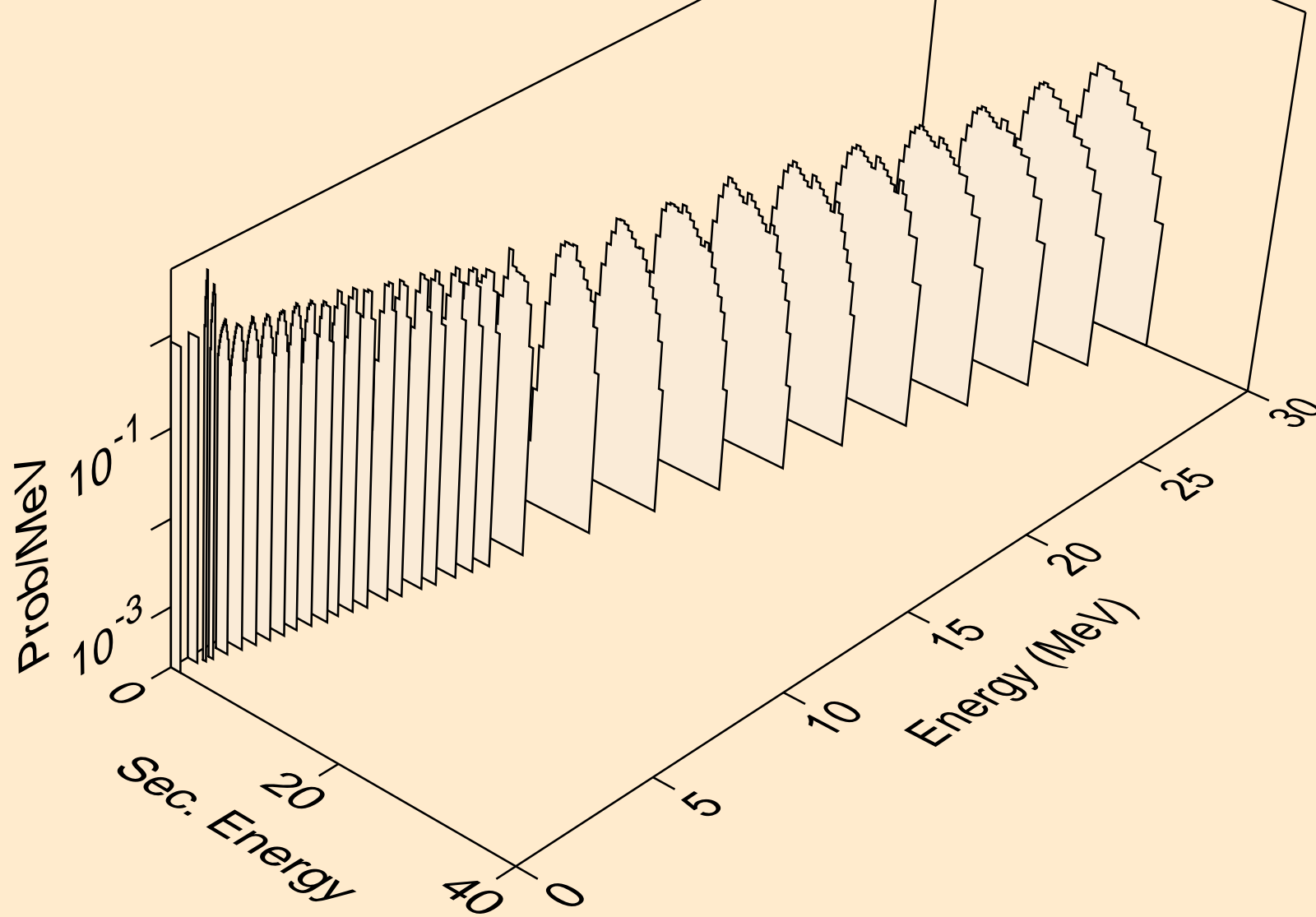
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



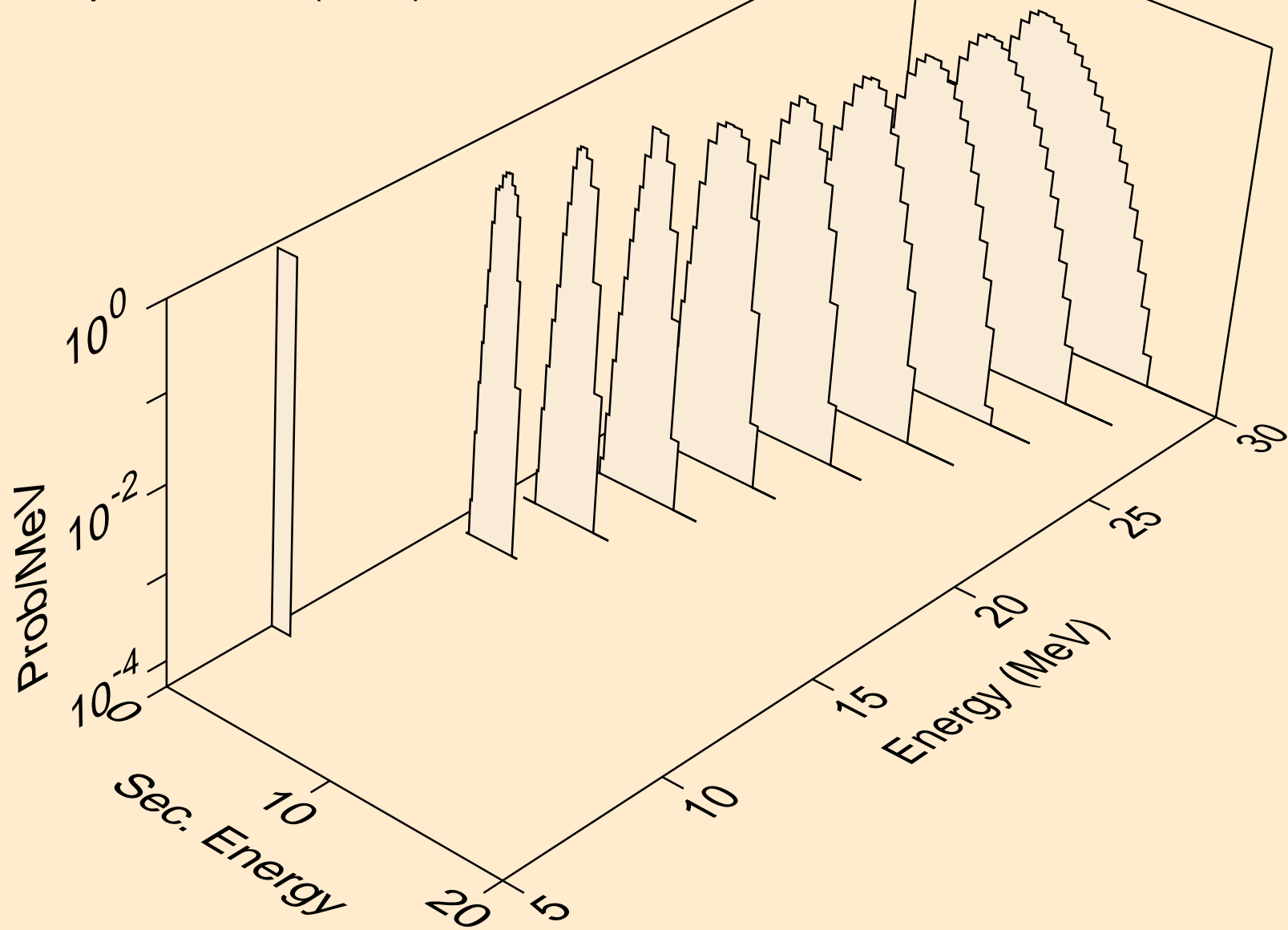
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



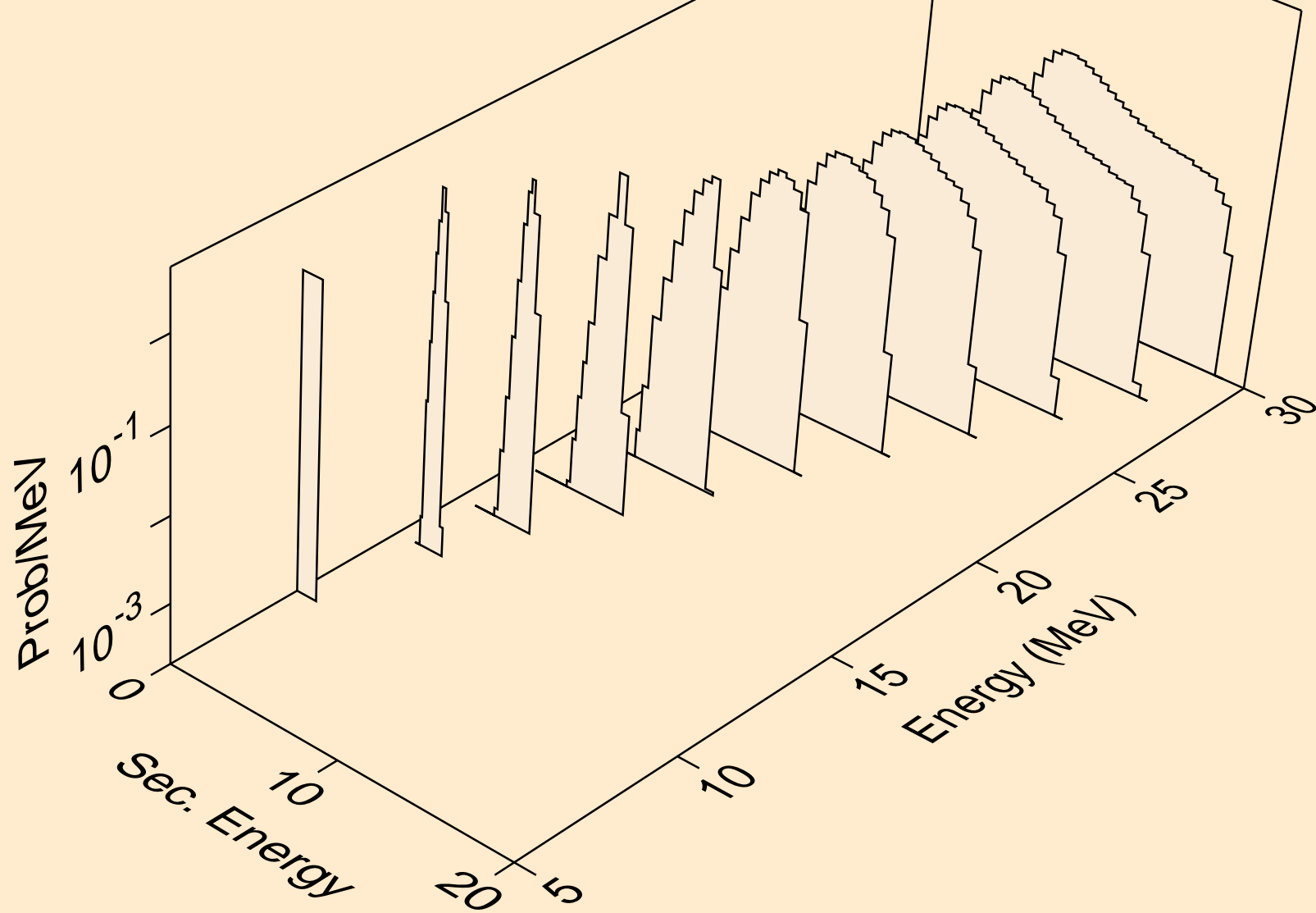
FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



FE054 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

