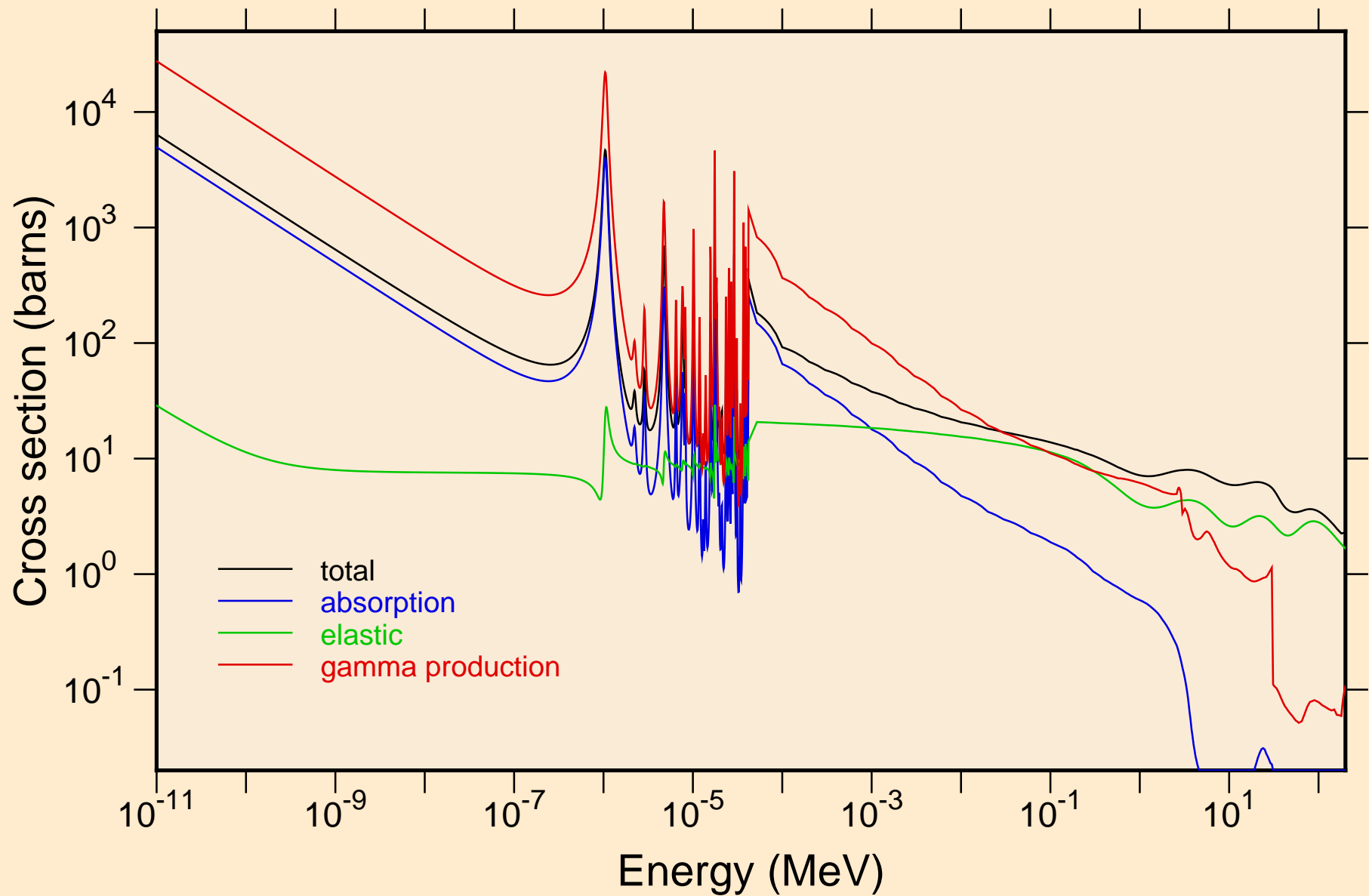
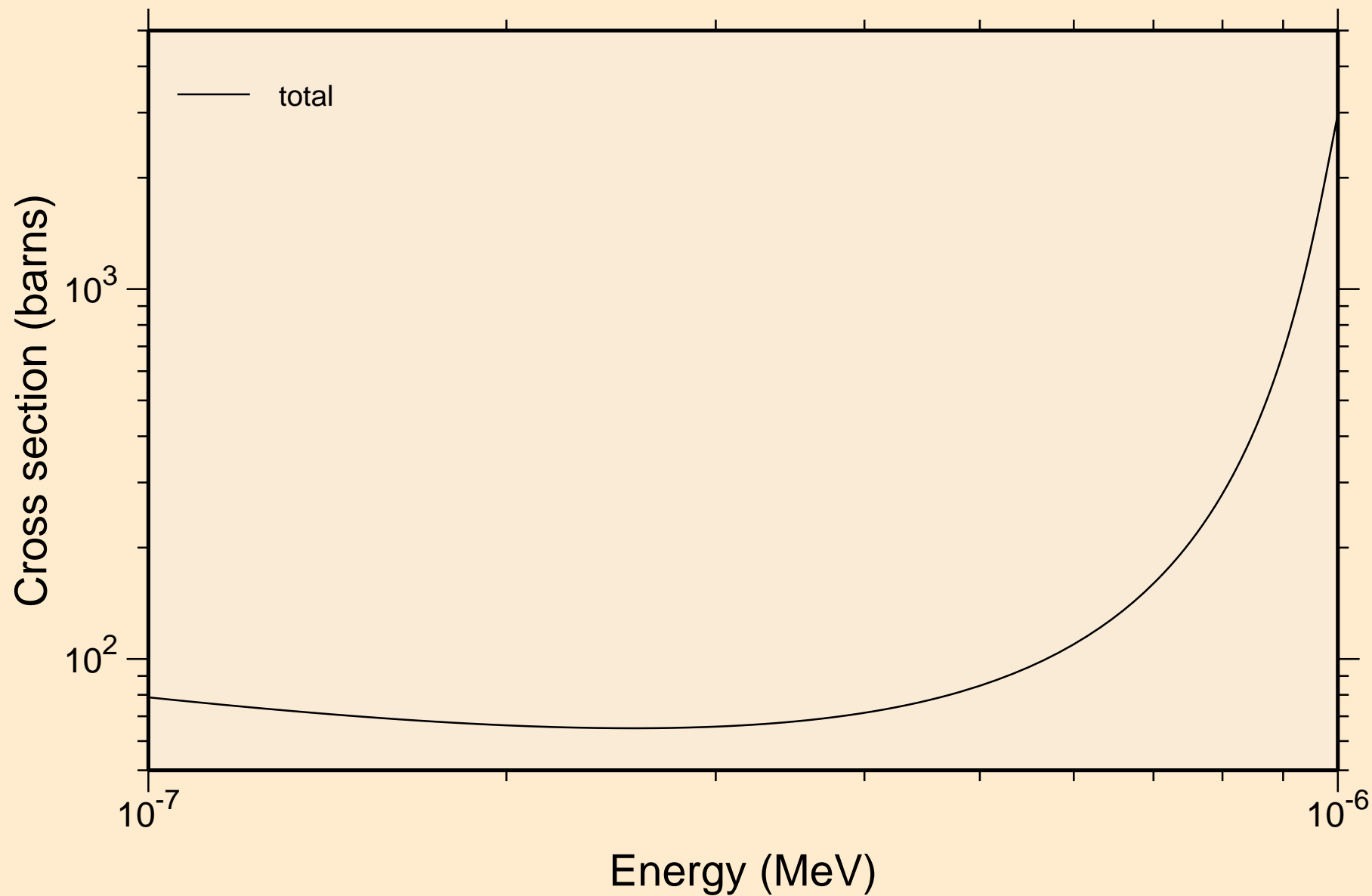


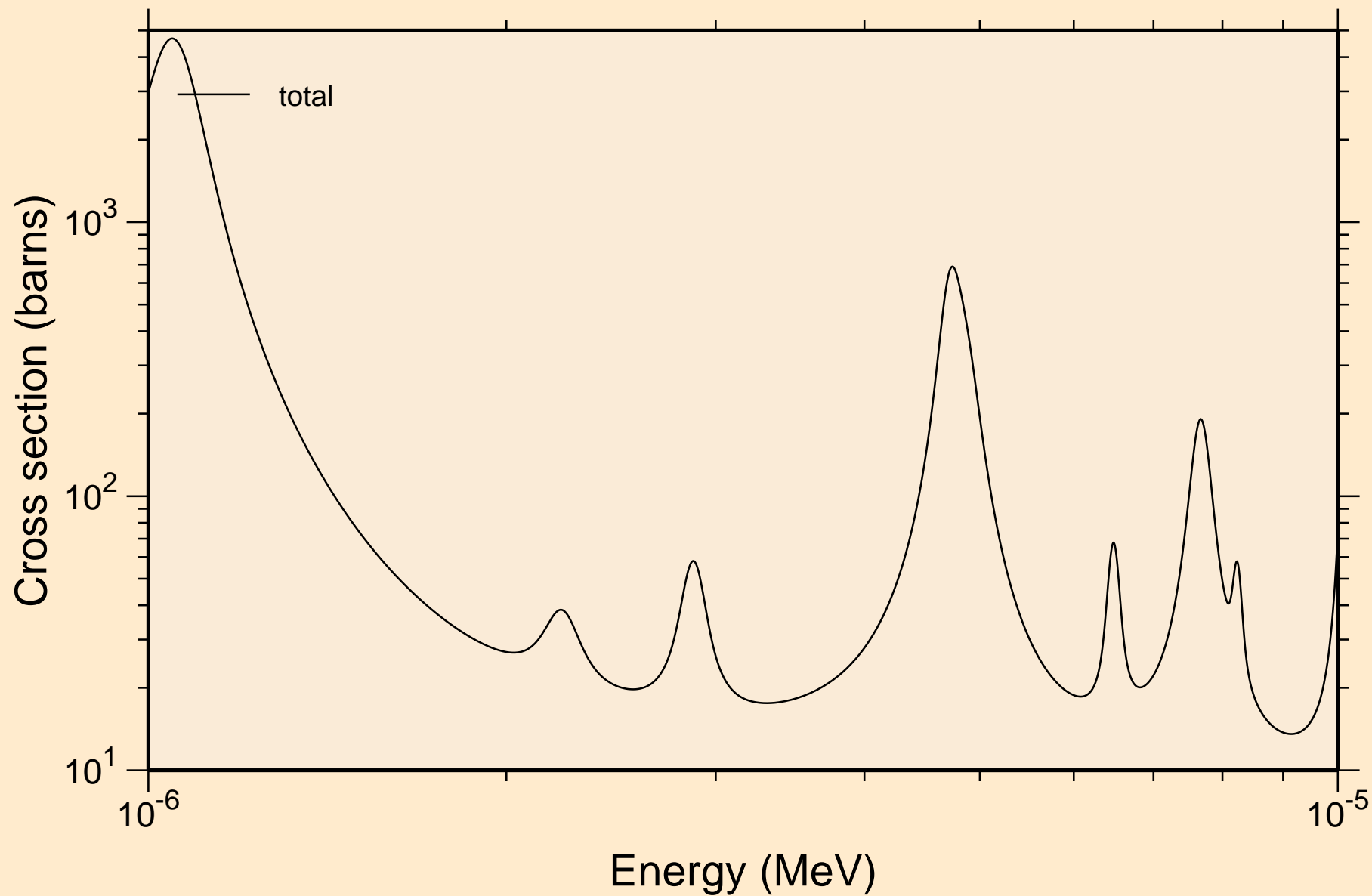
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



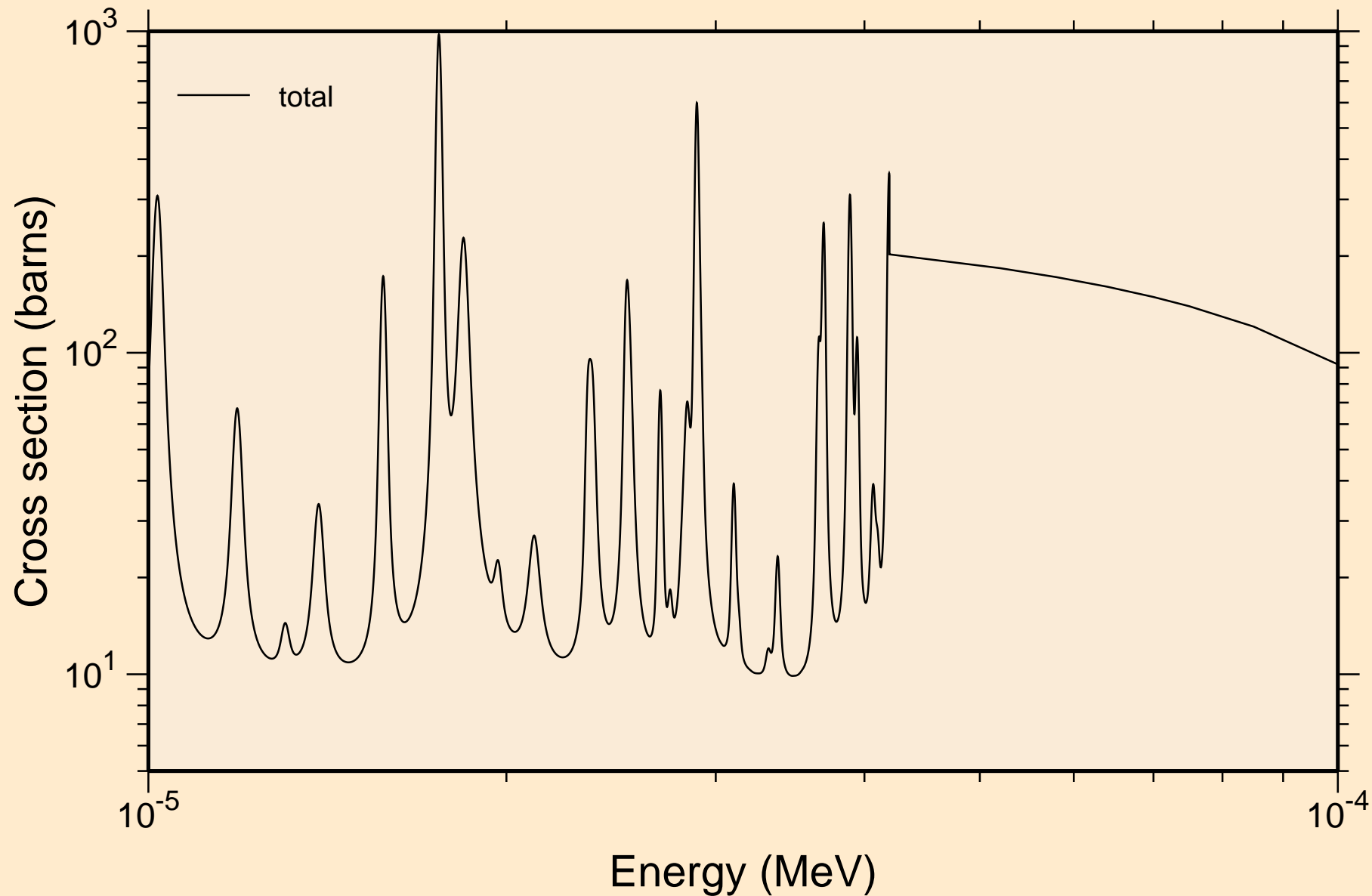
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



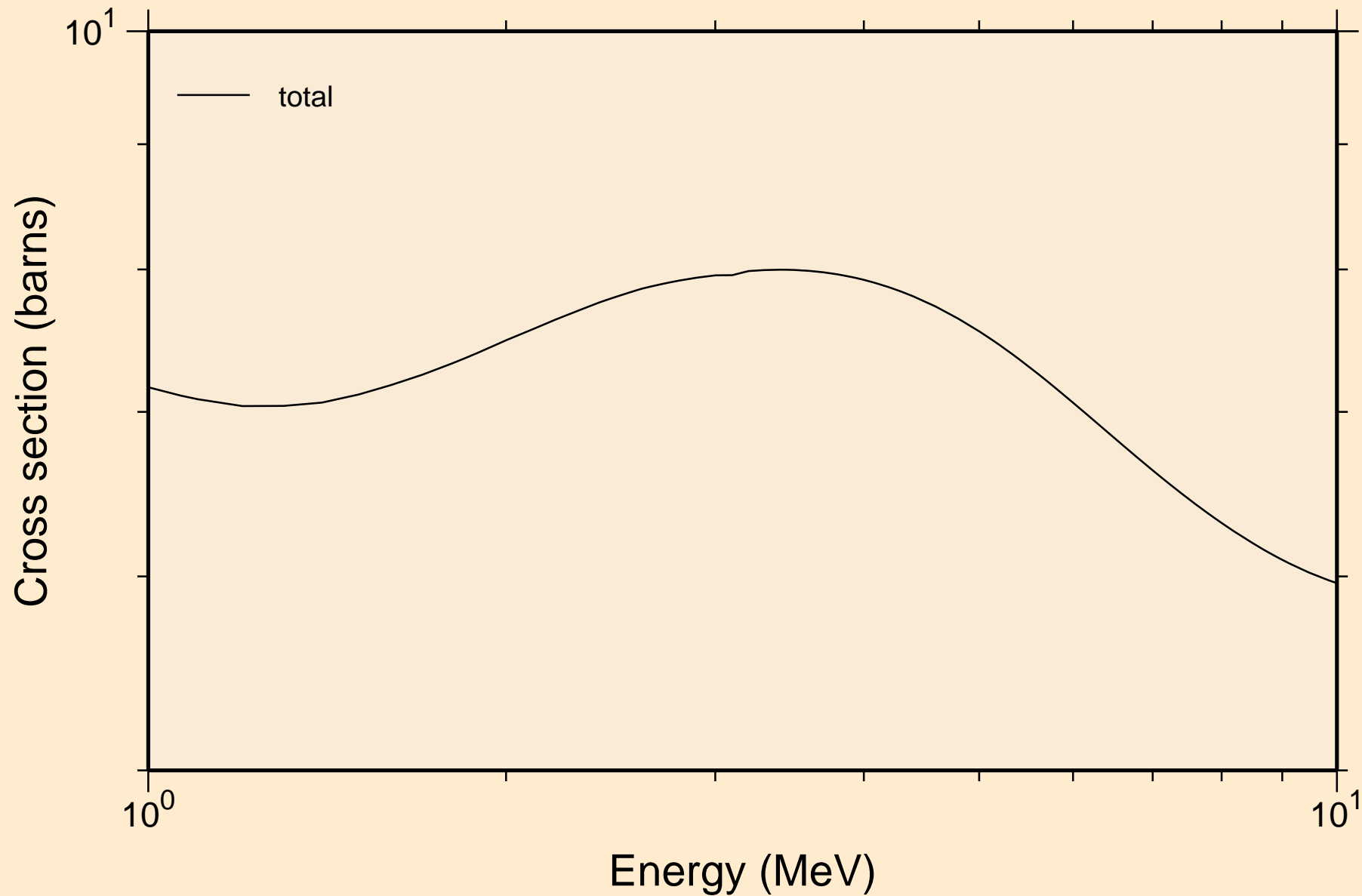
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resonance total cross section



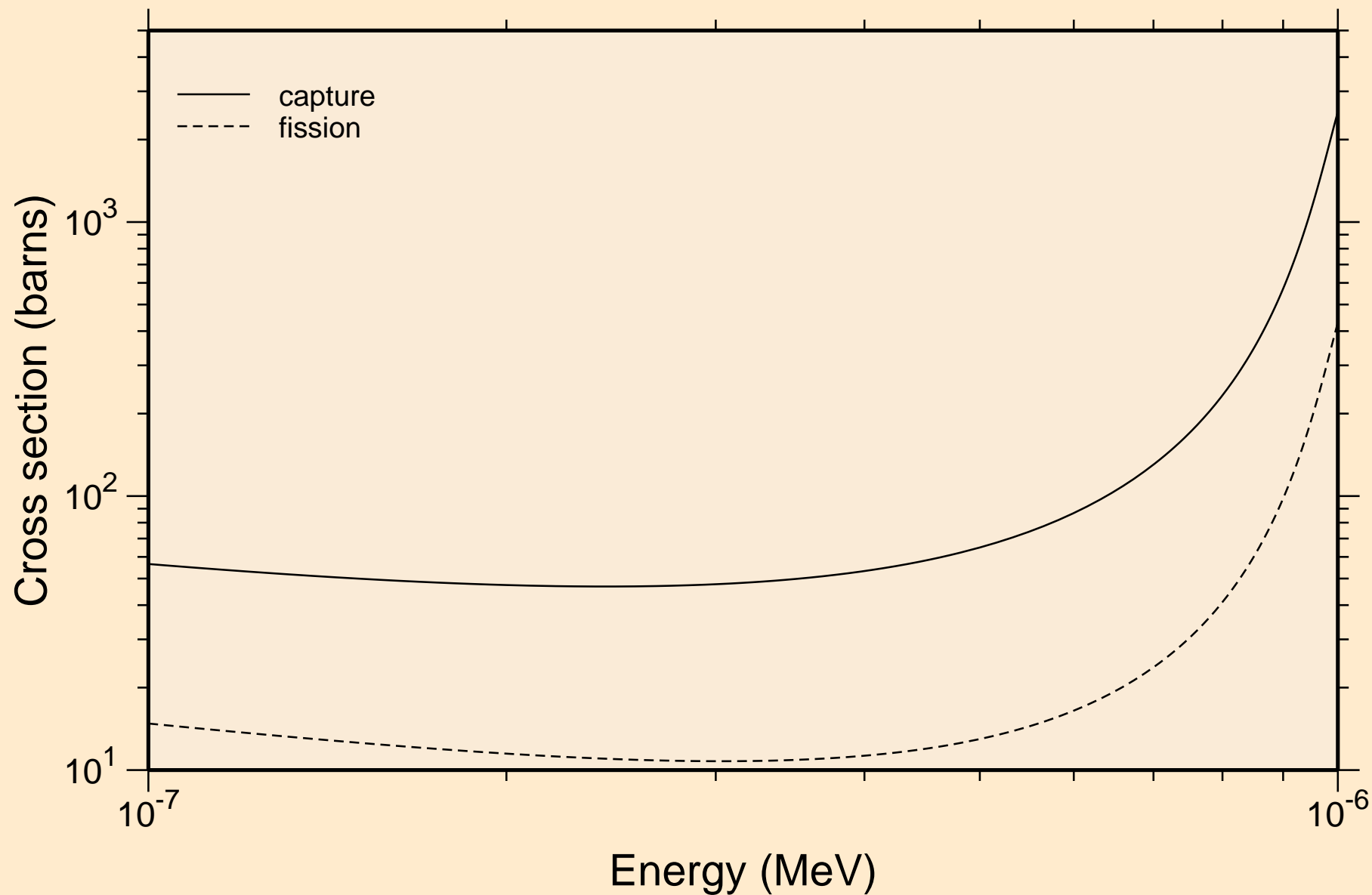
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resonance total cross section



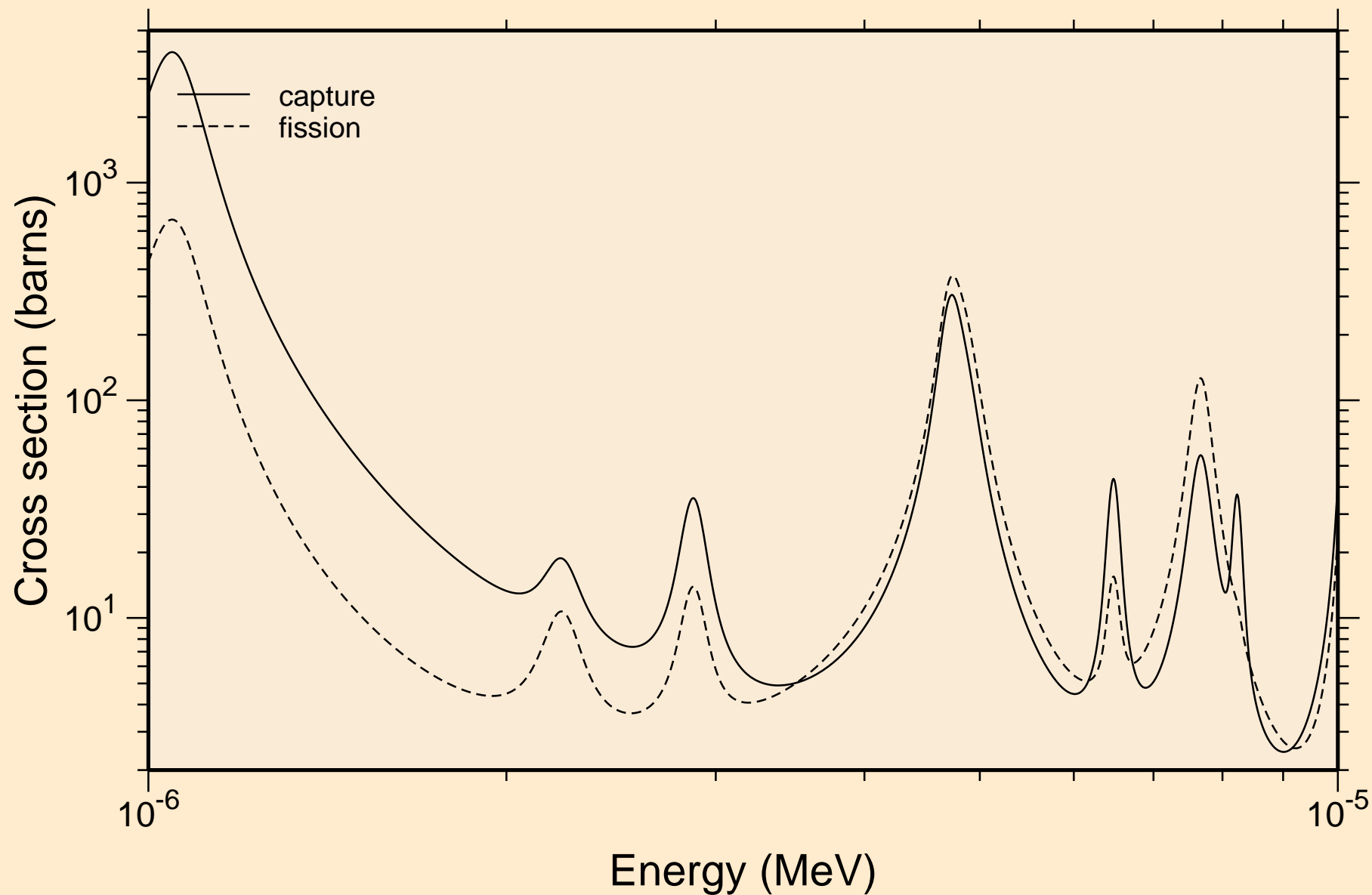
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resonance total cross section



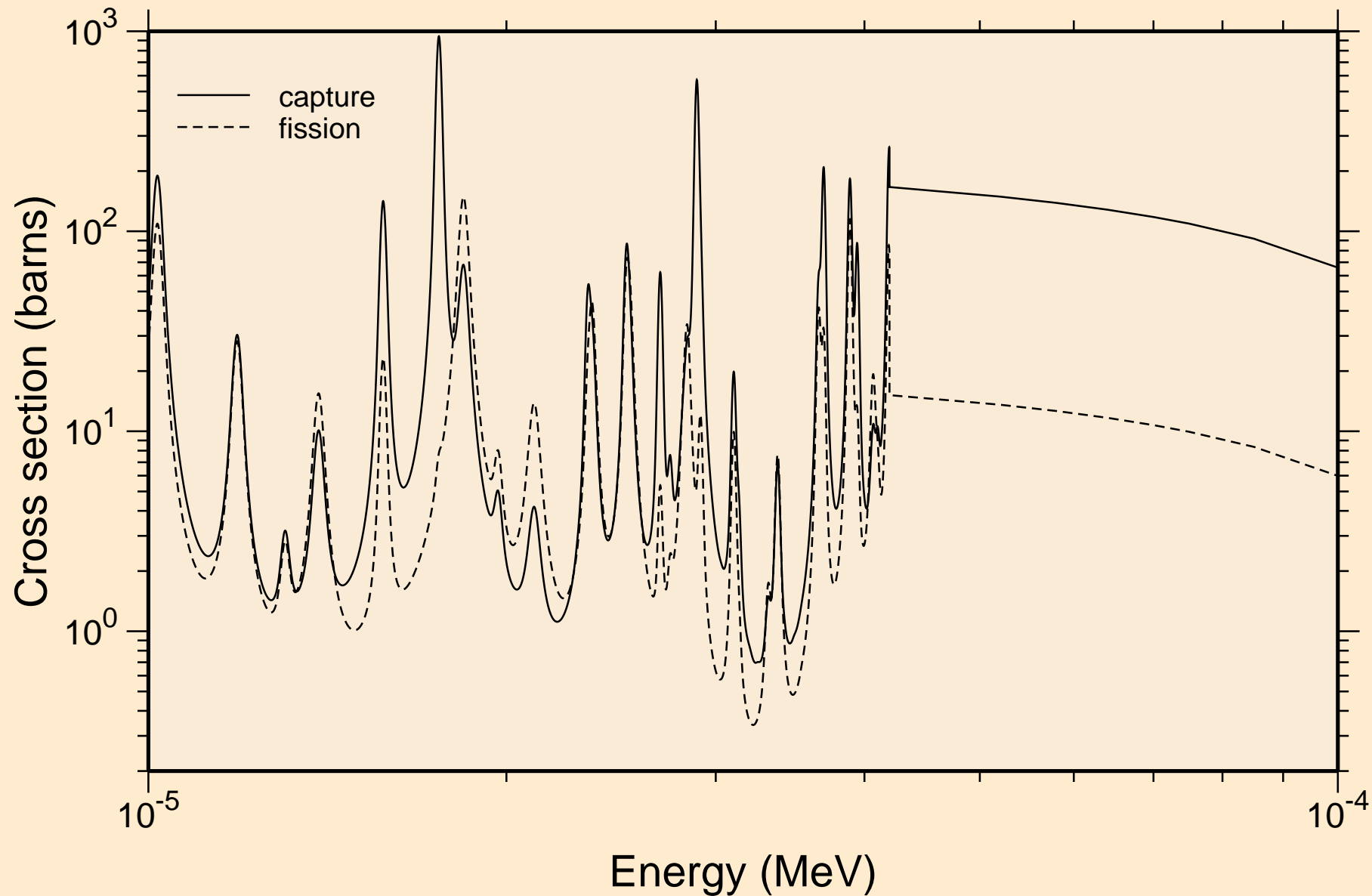
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resonance absorption cross sections



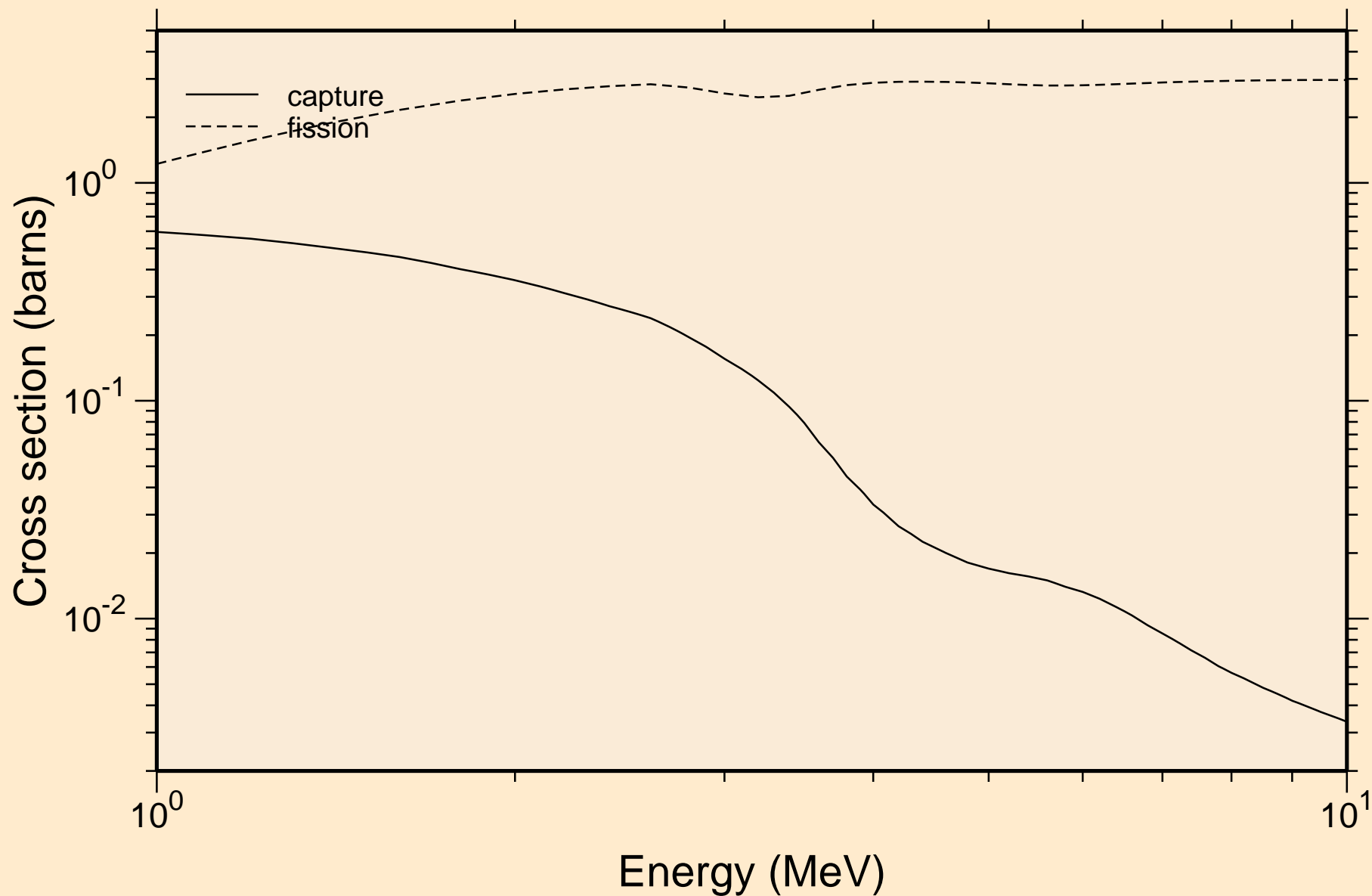
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



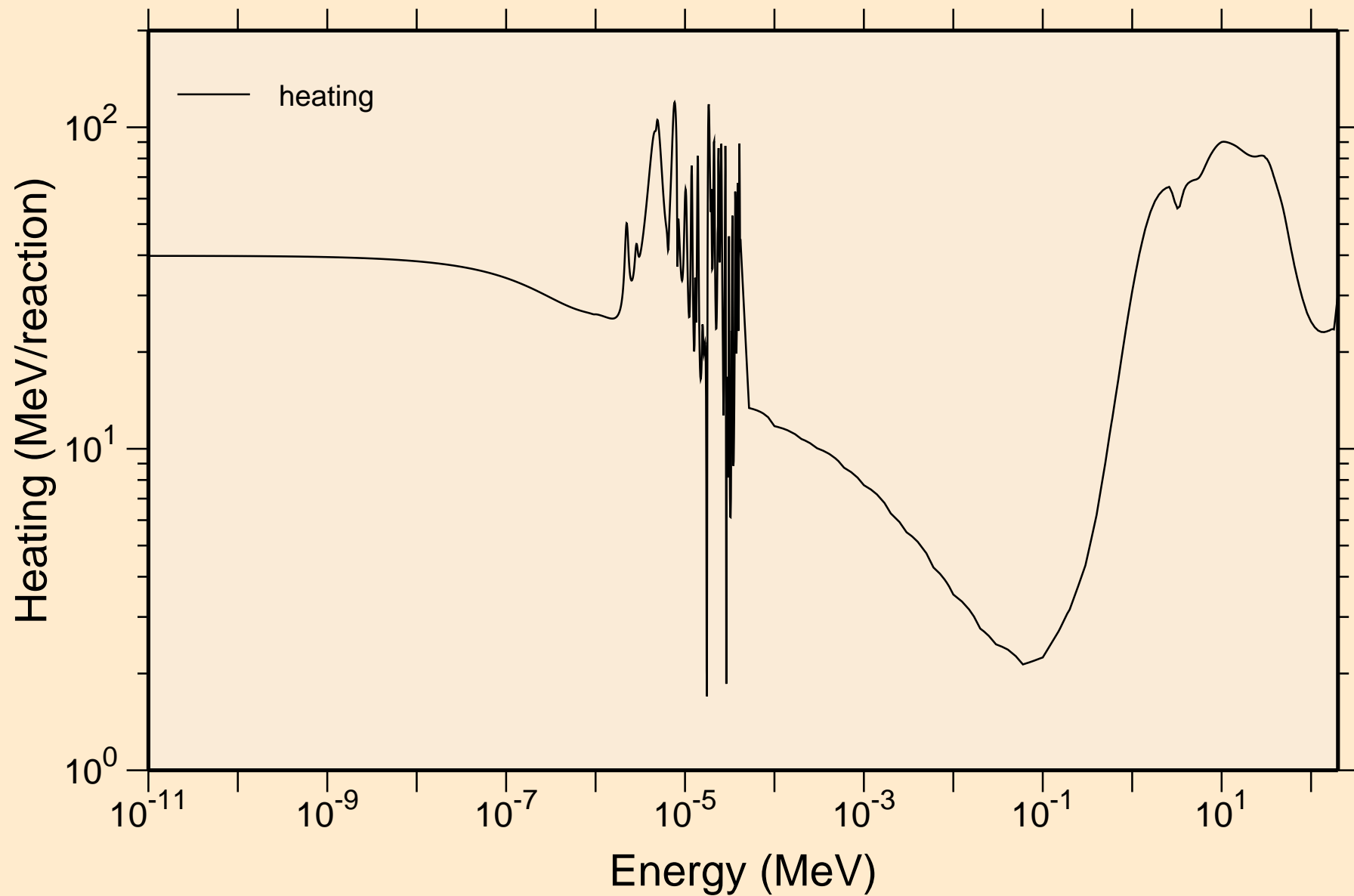
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resonance absorption cross sections



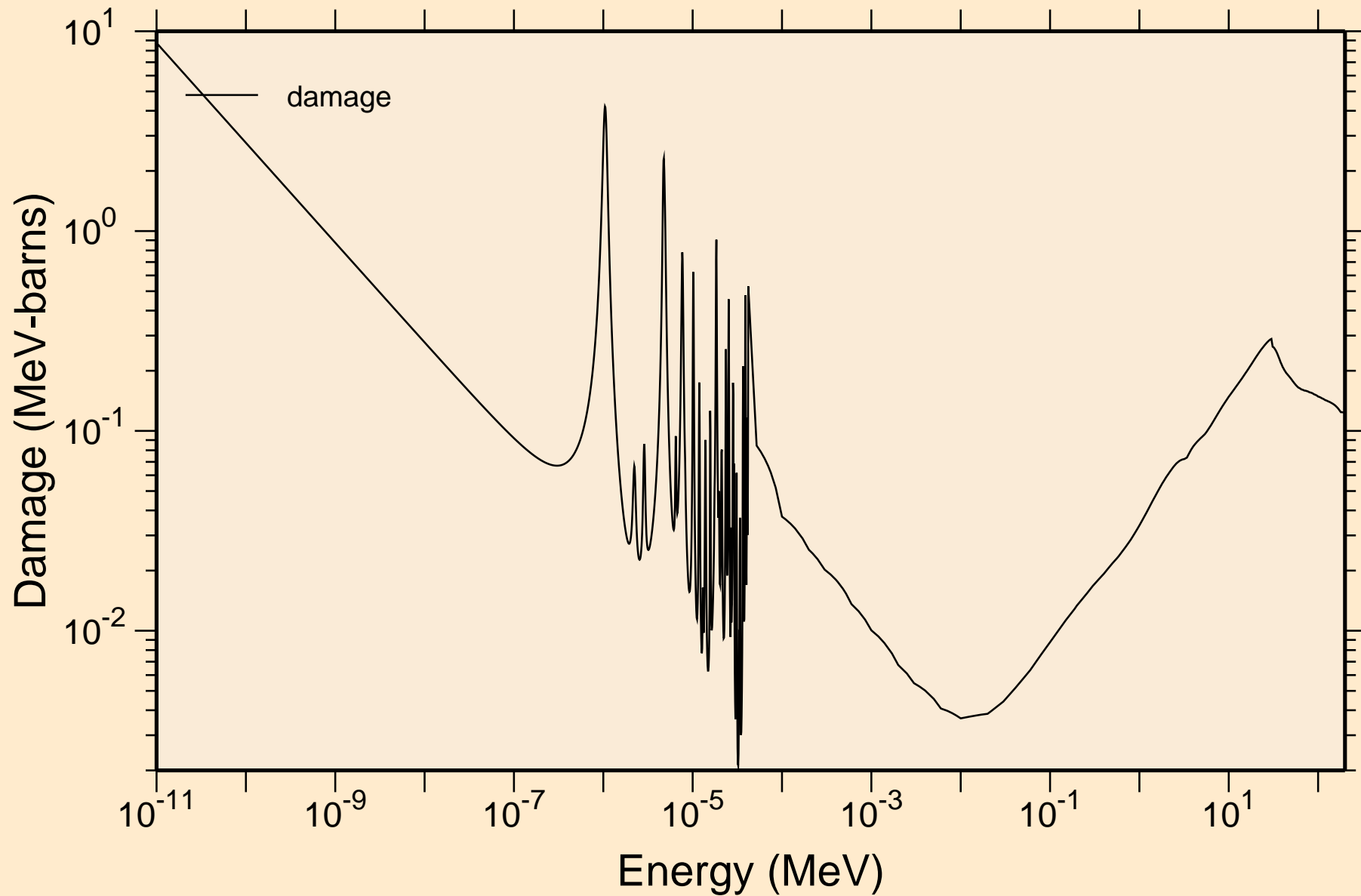
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resonance absorption cross sections



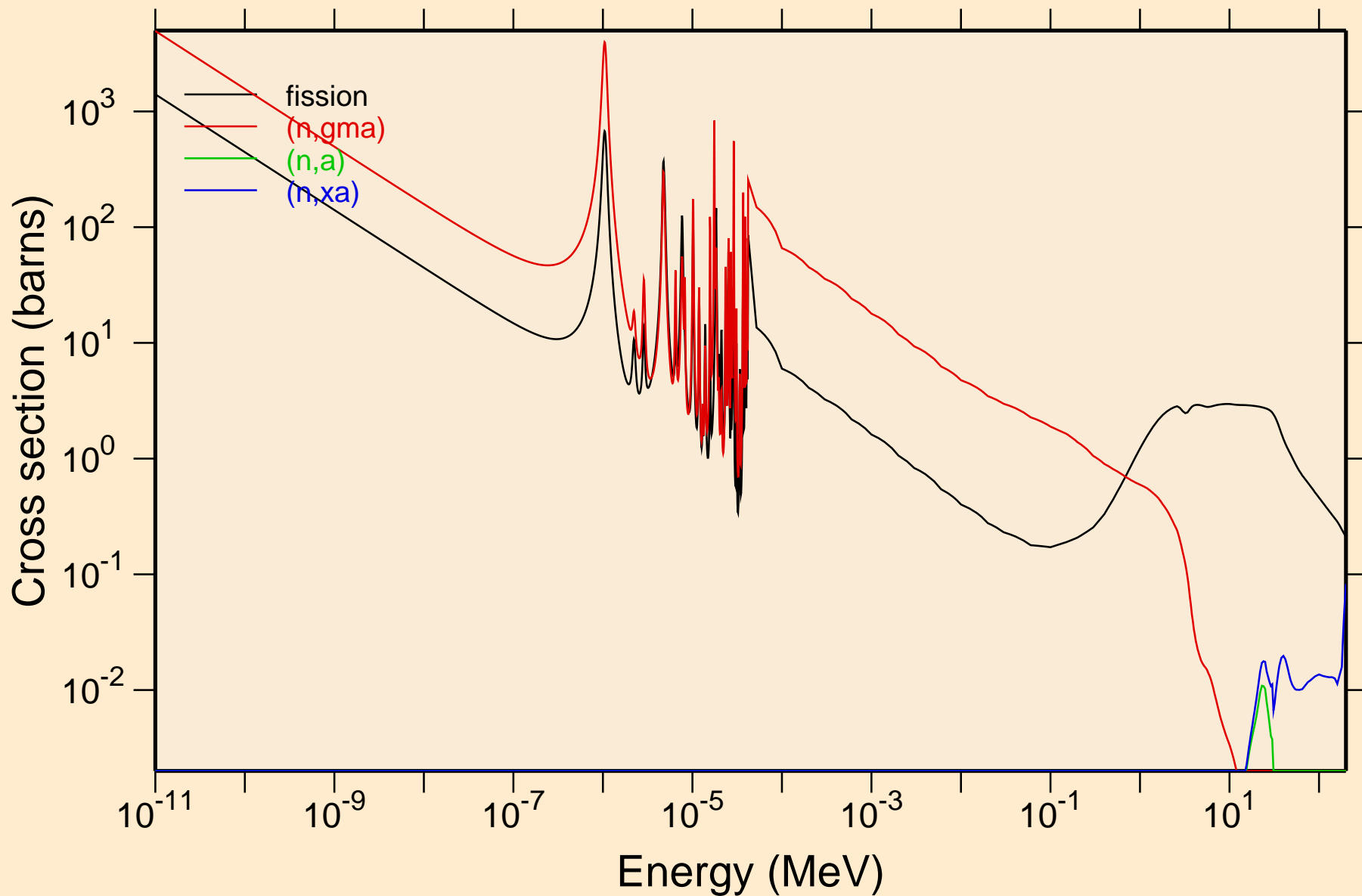
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Heating



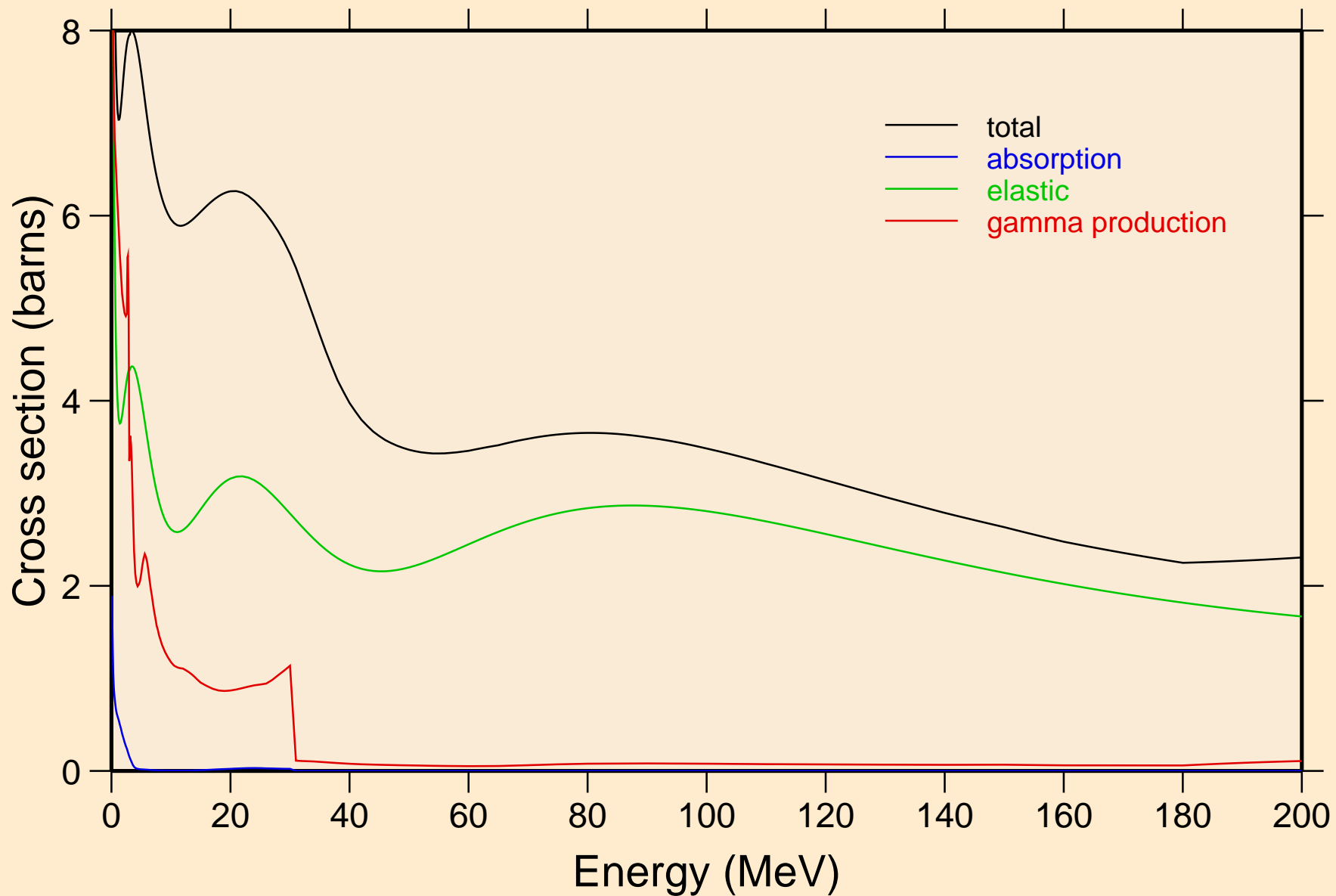
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



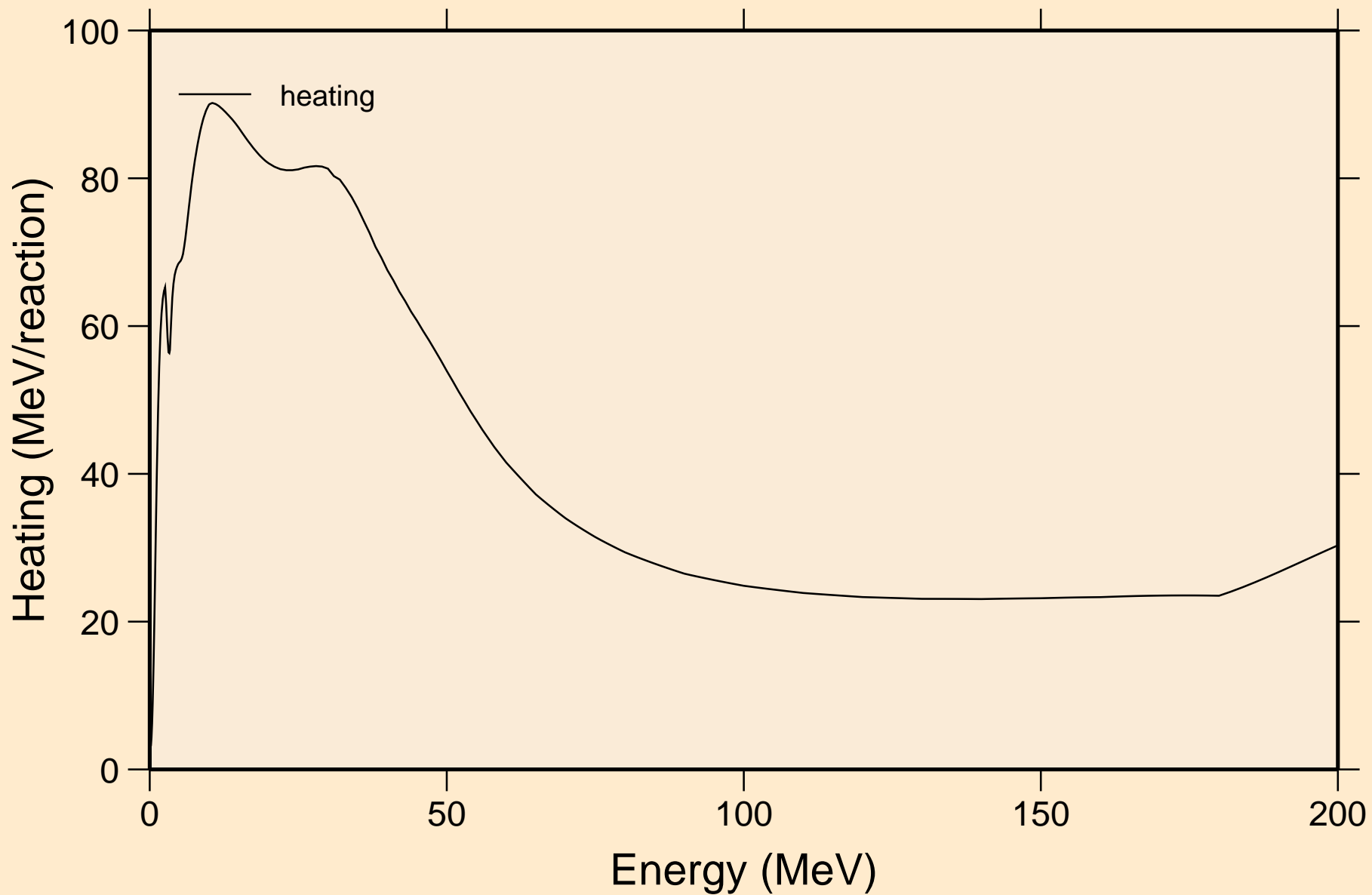
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



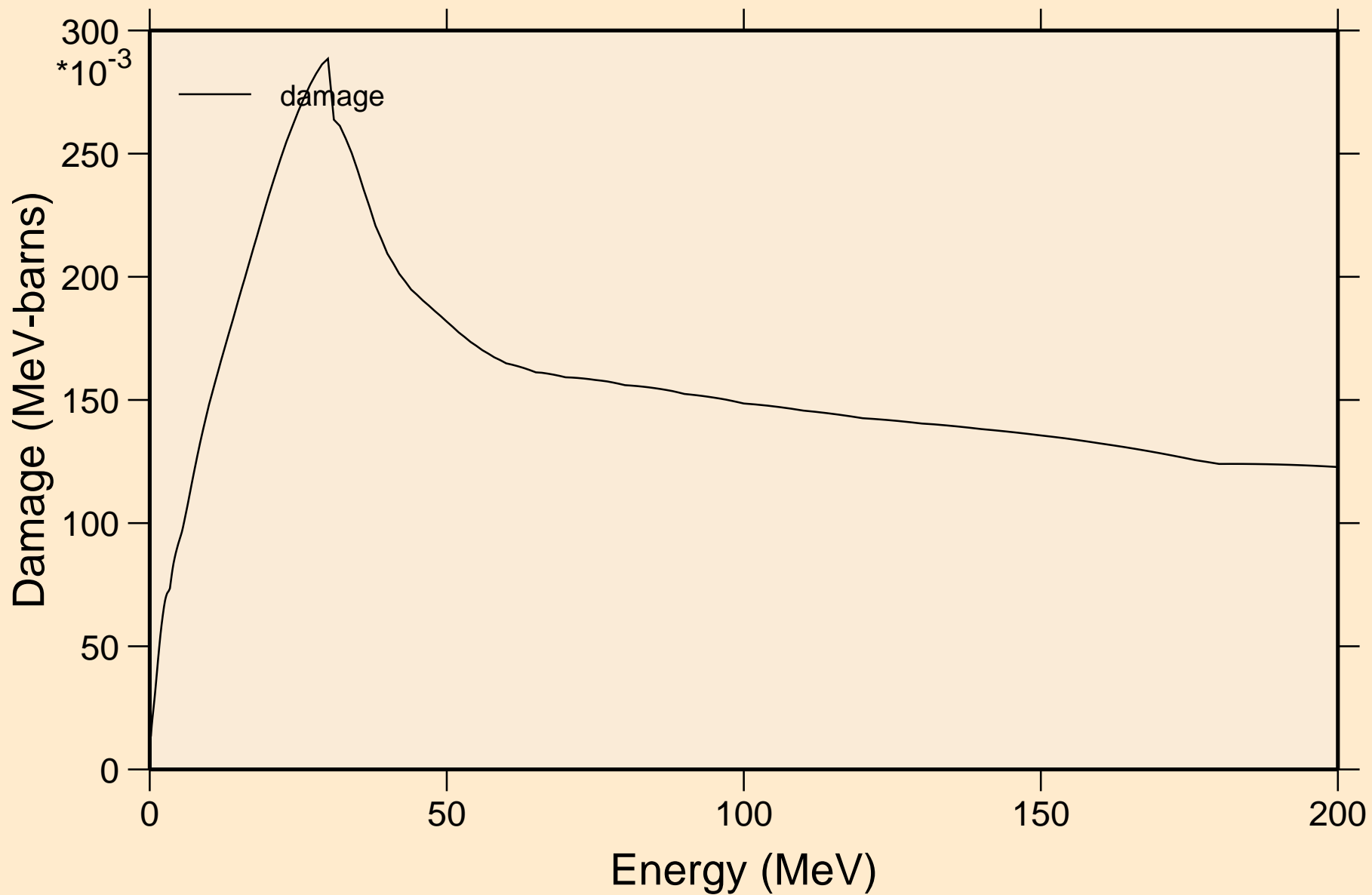
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



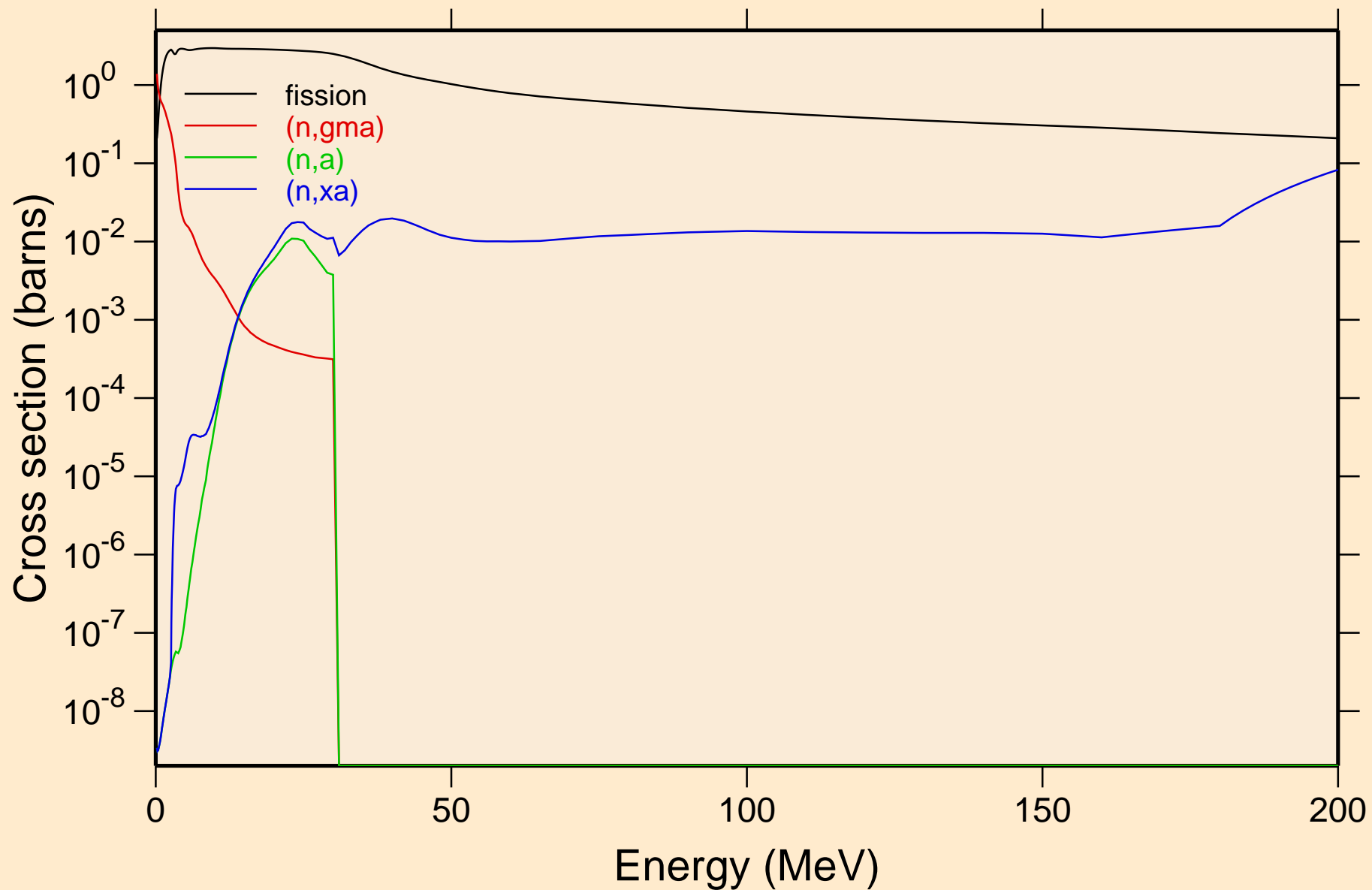
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



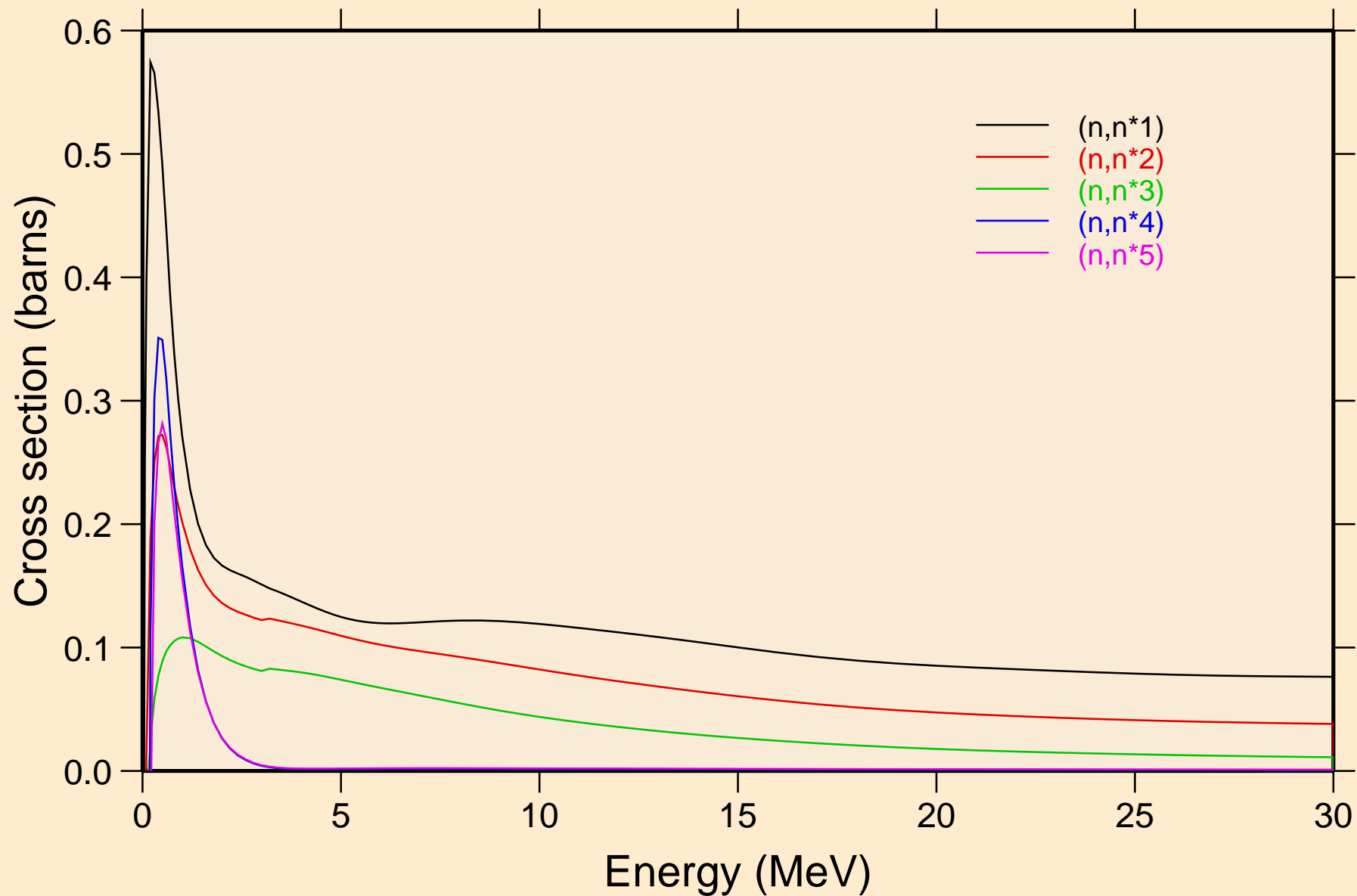
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Damage



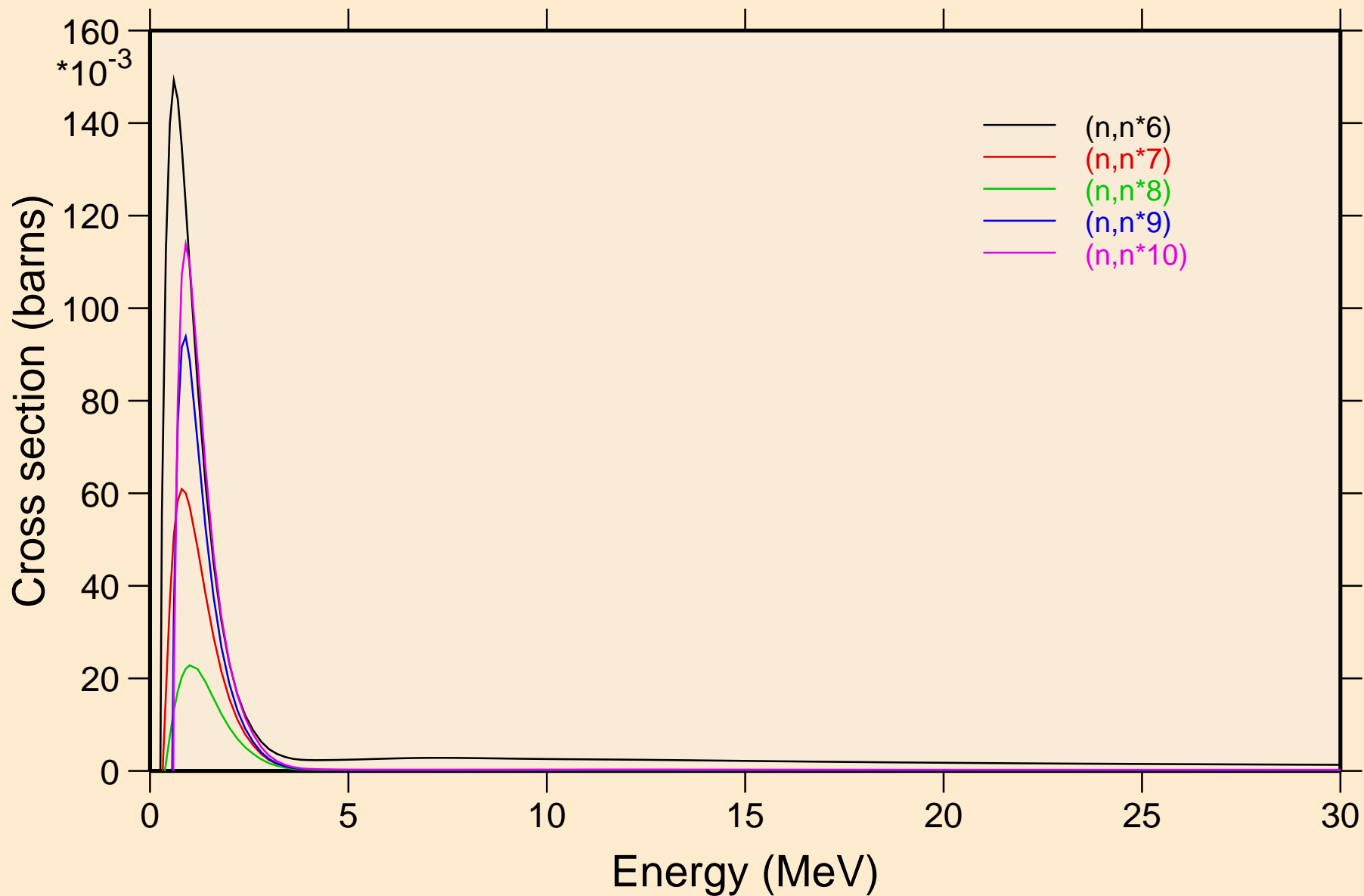
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



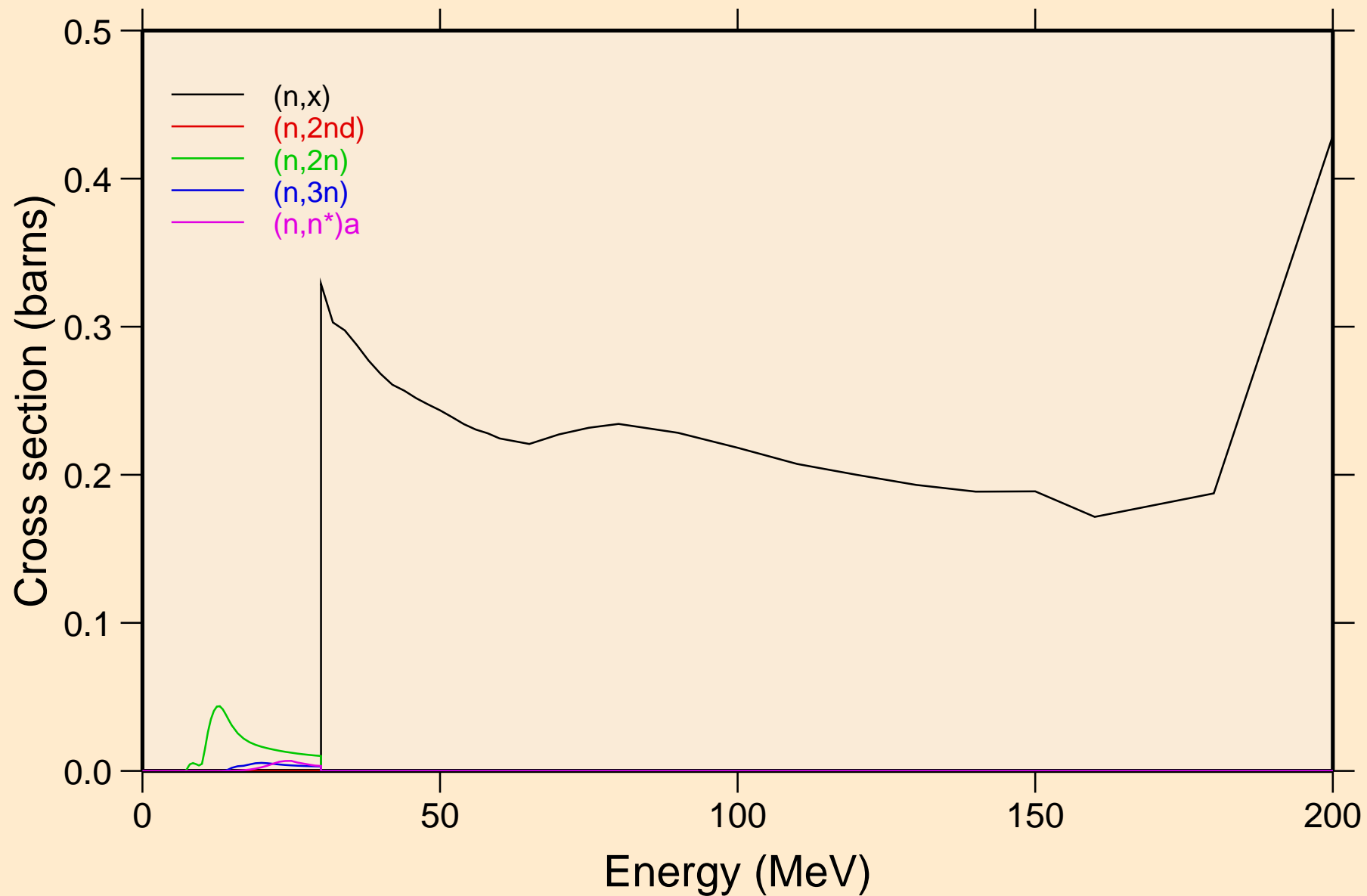
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



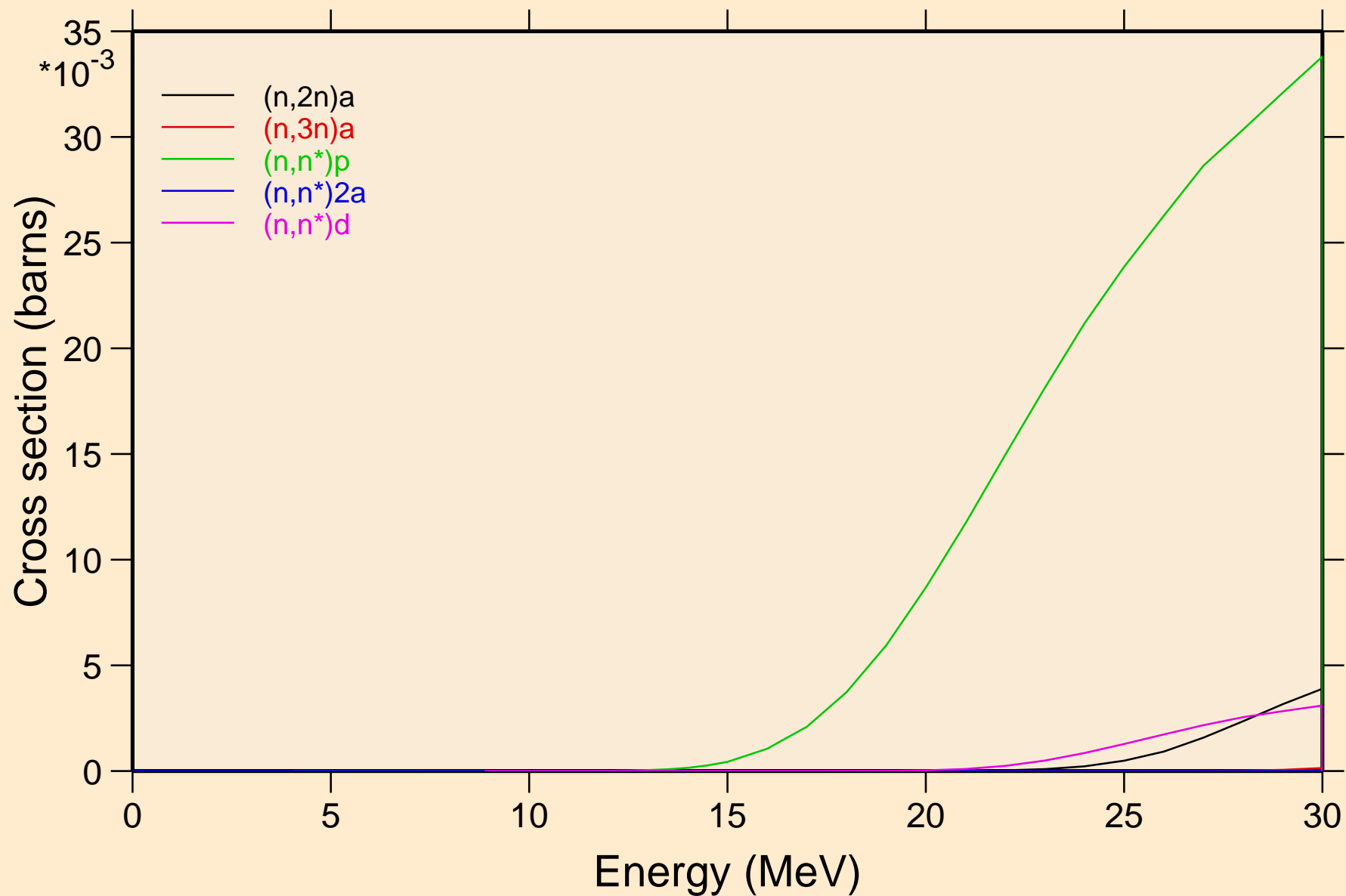
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



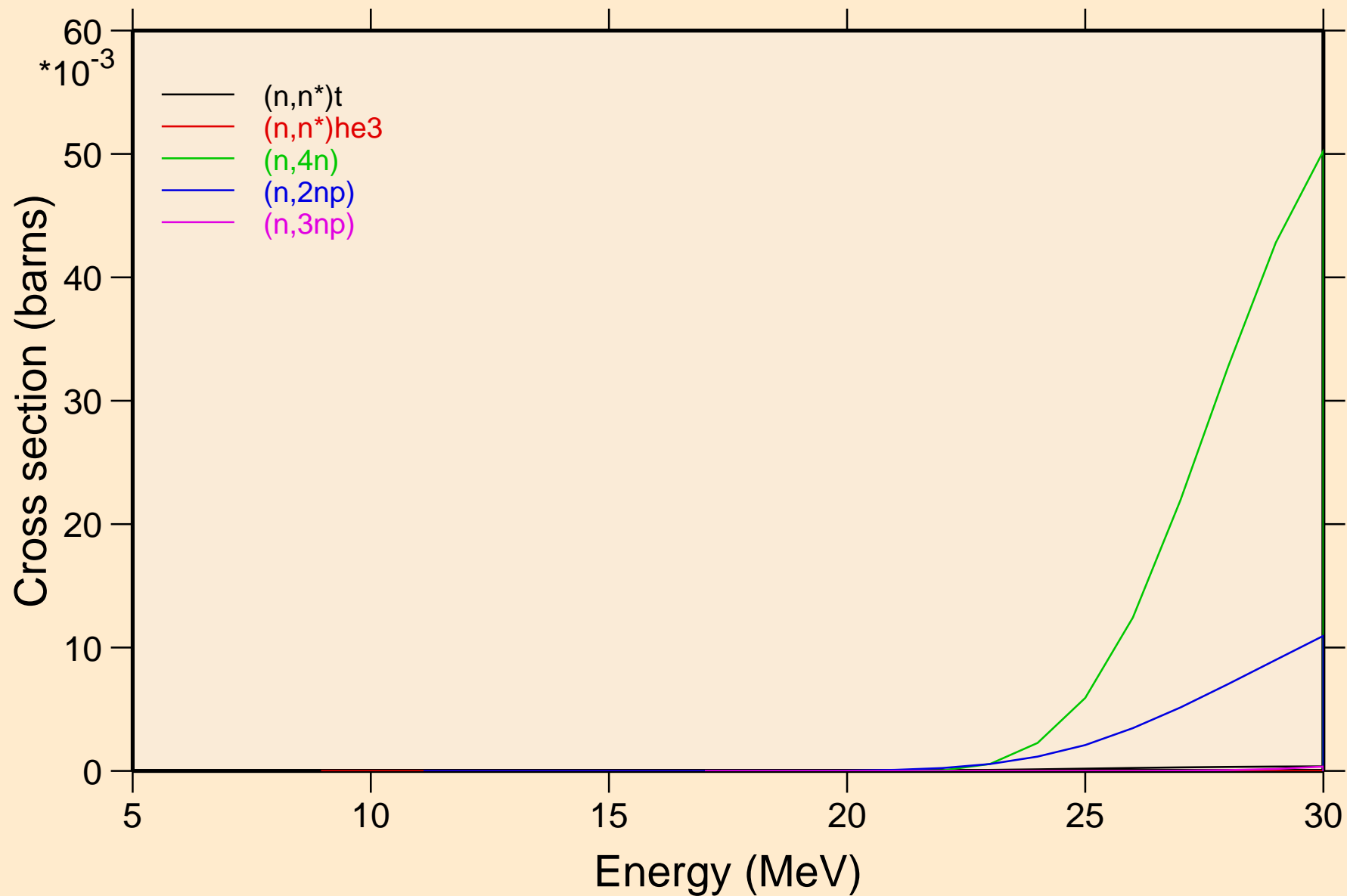
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



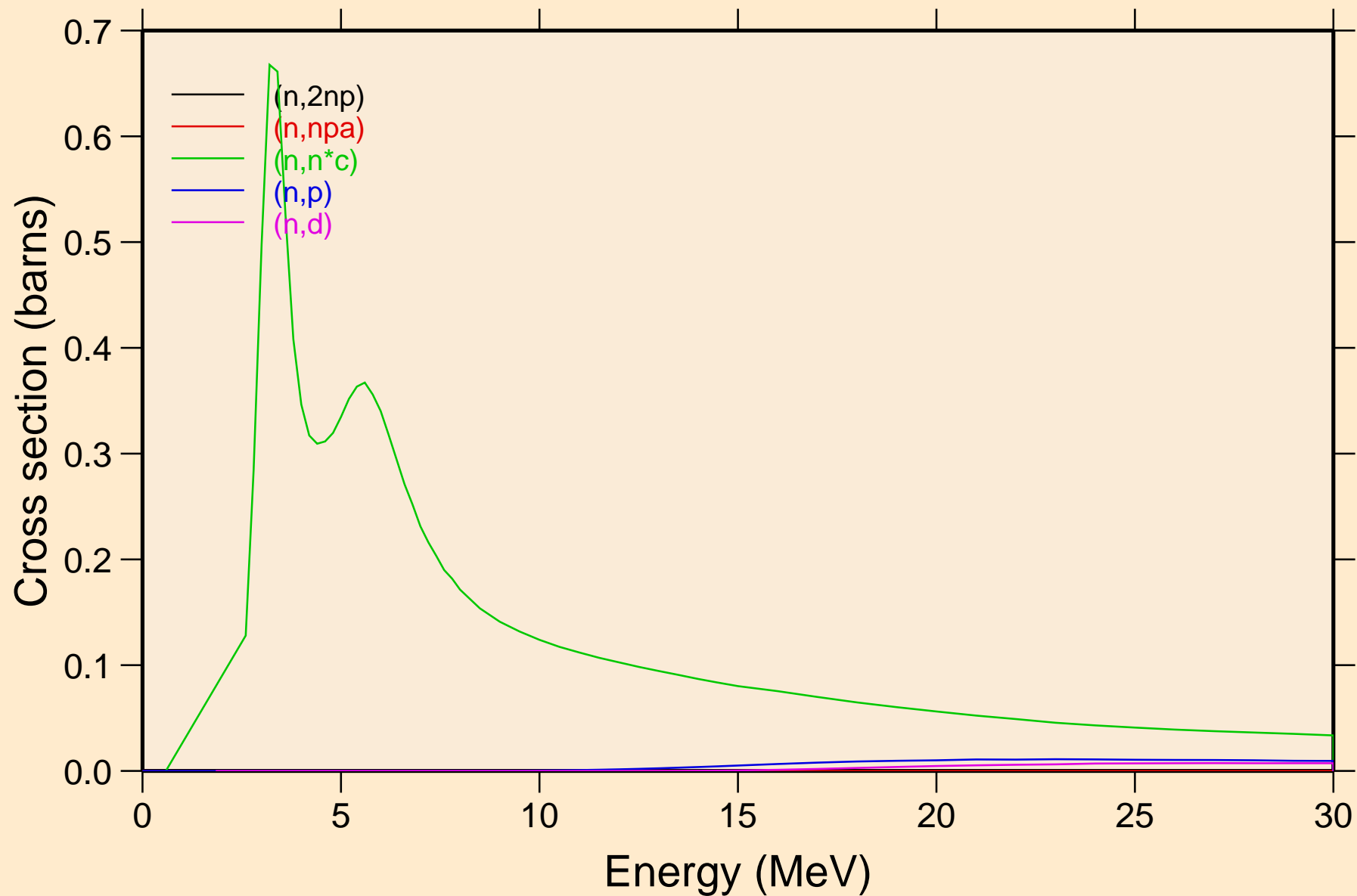
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



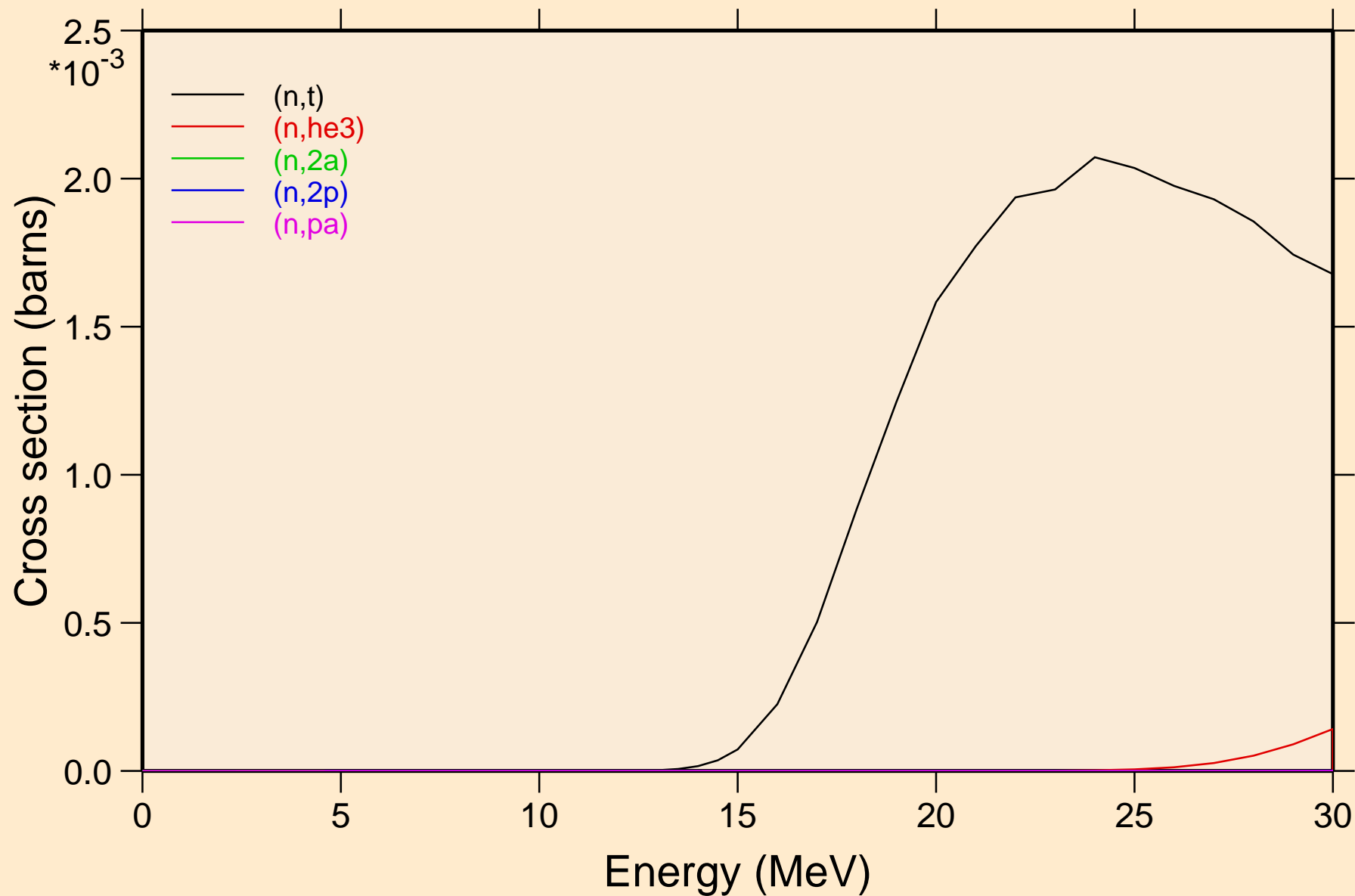
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



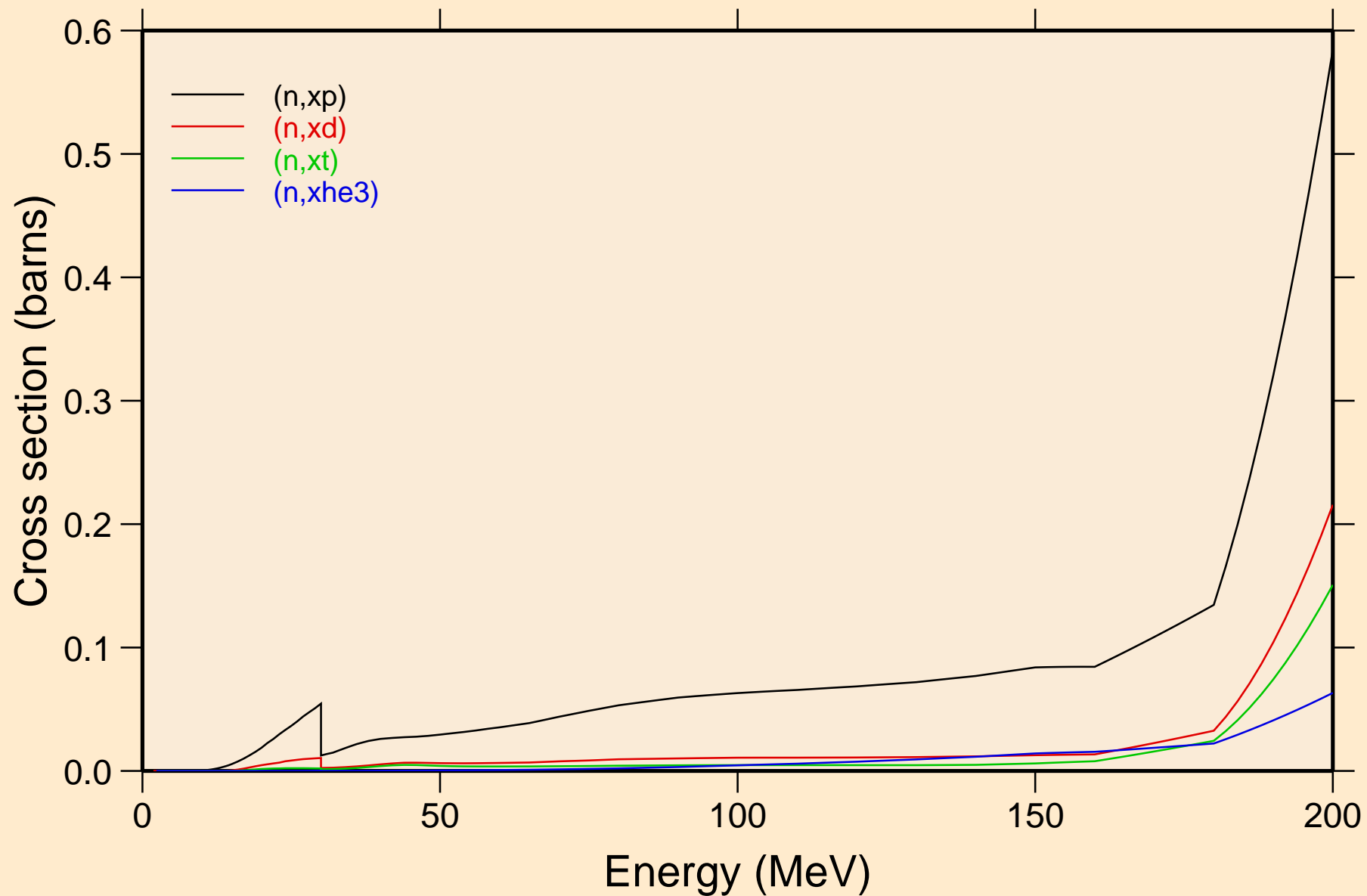
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



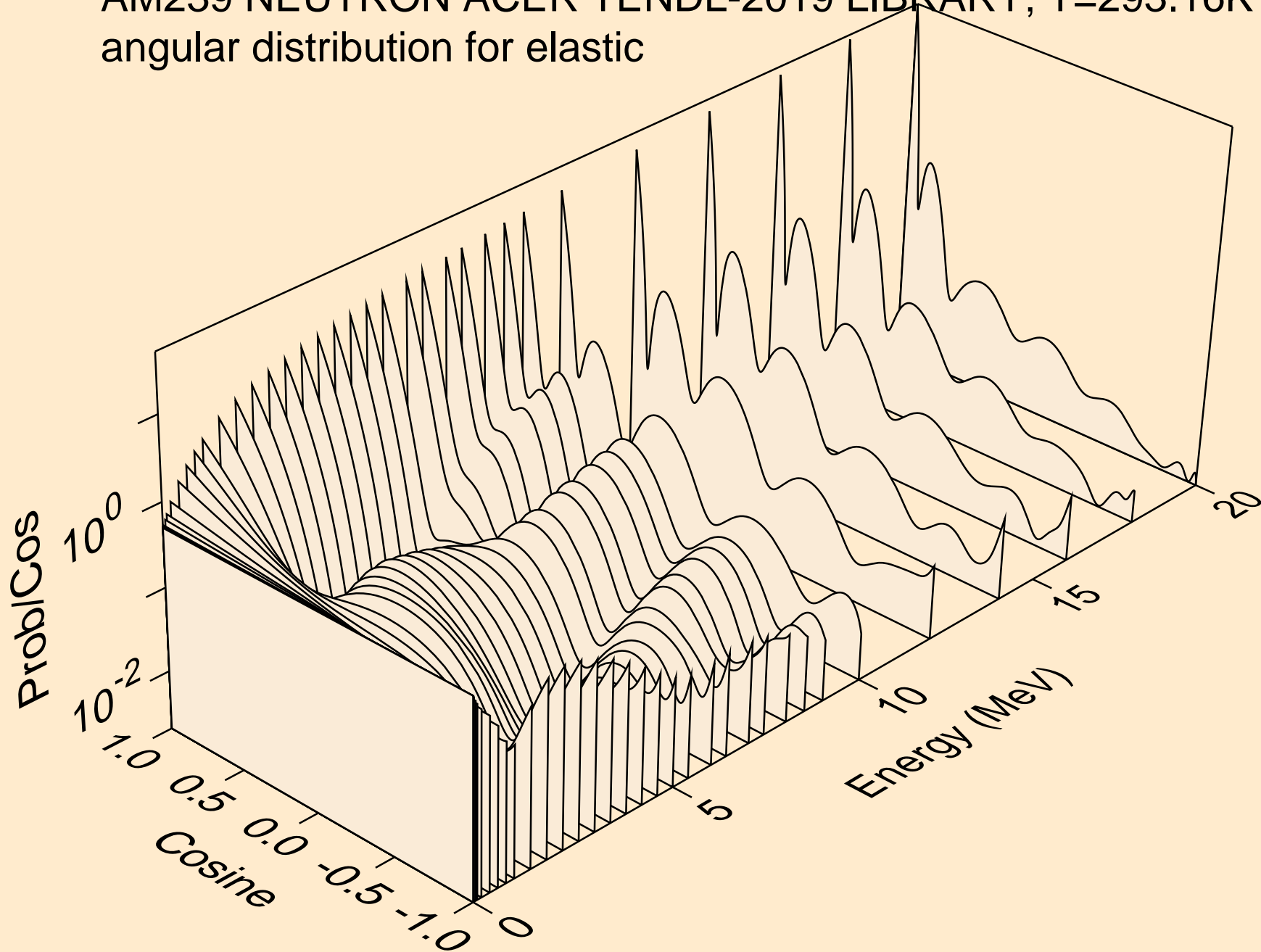
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



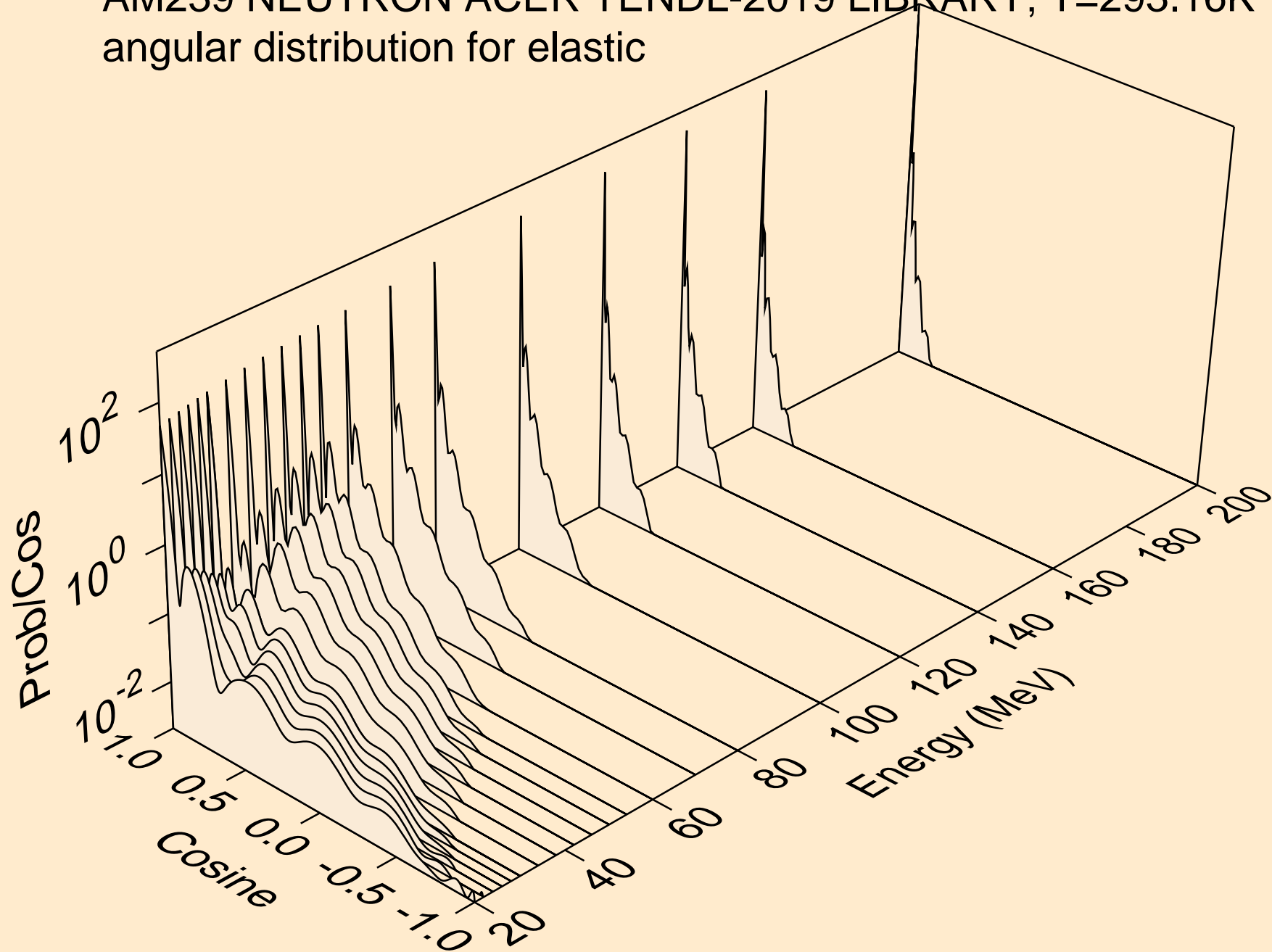
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



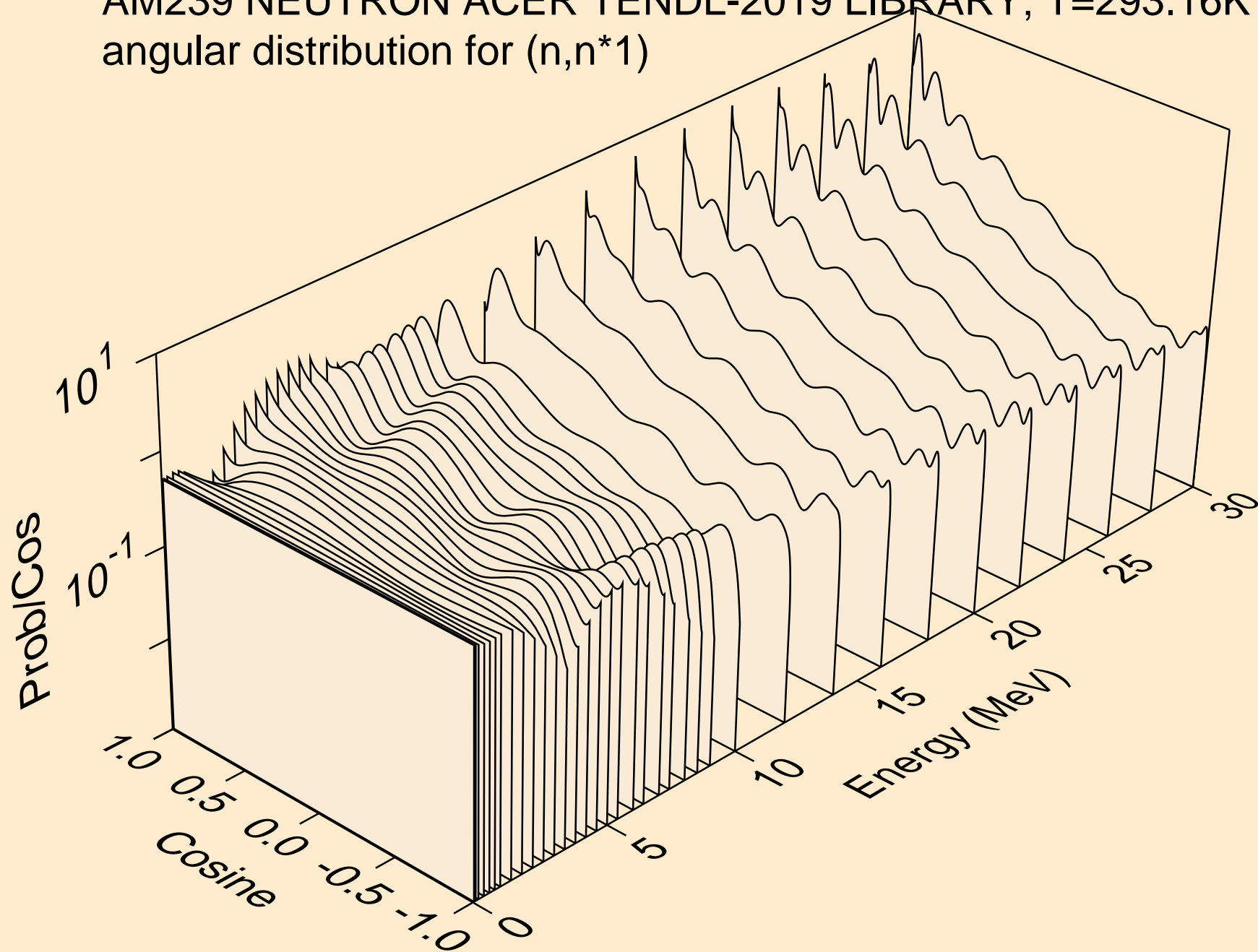
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angular distribution for elastic



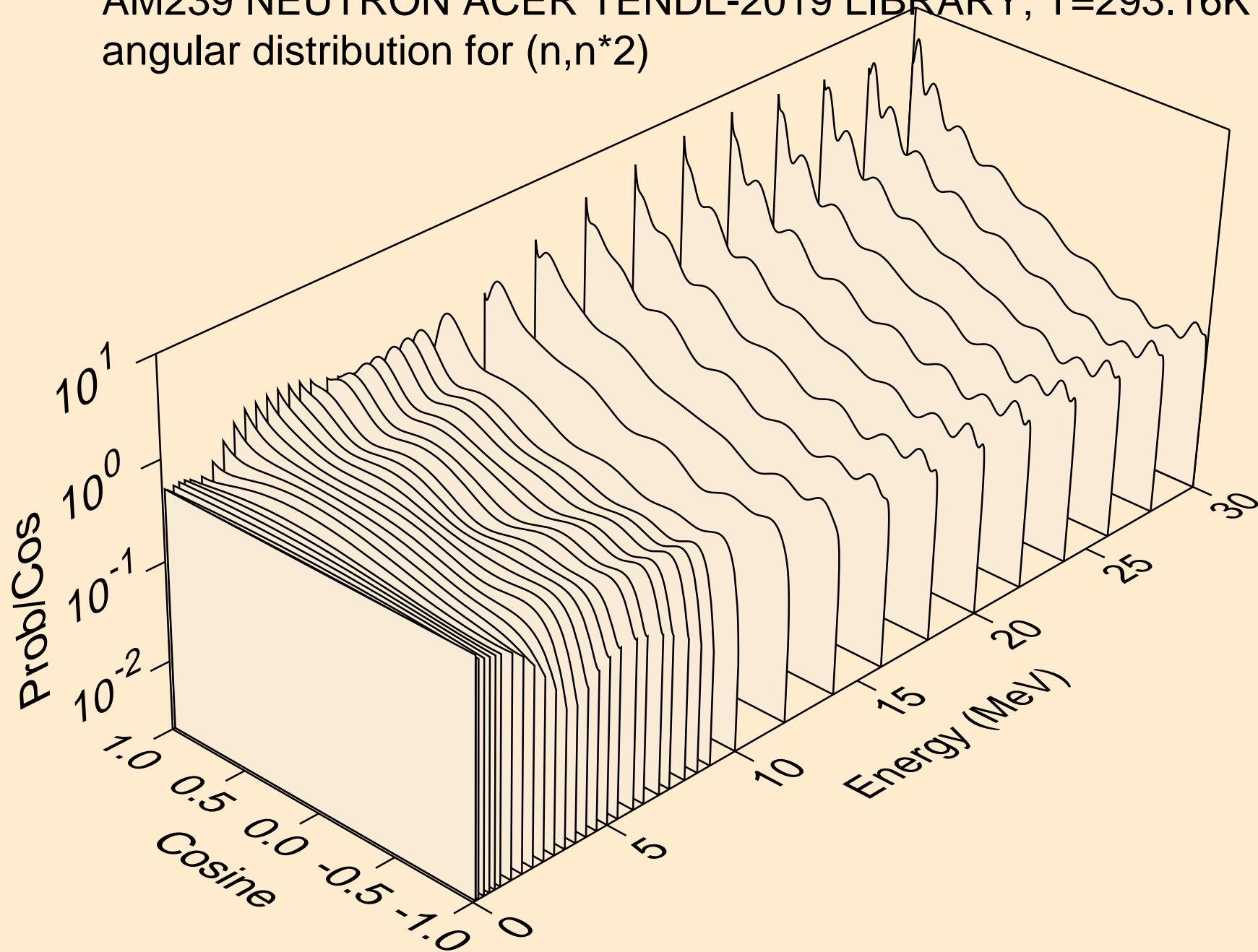
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angular distribution for elastic



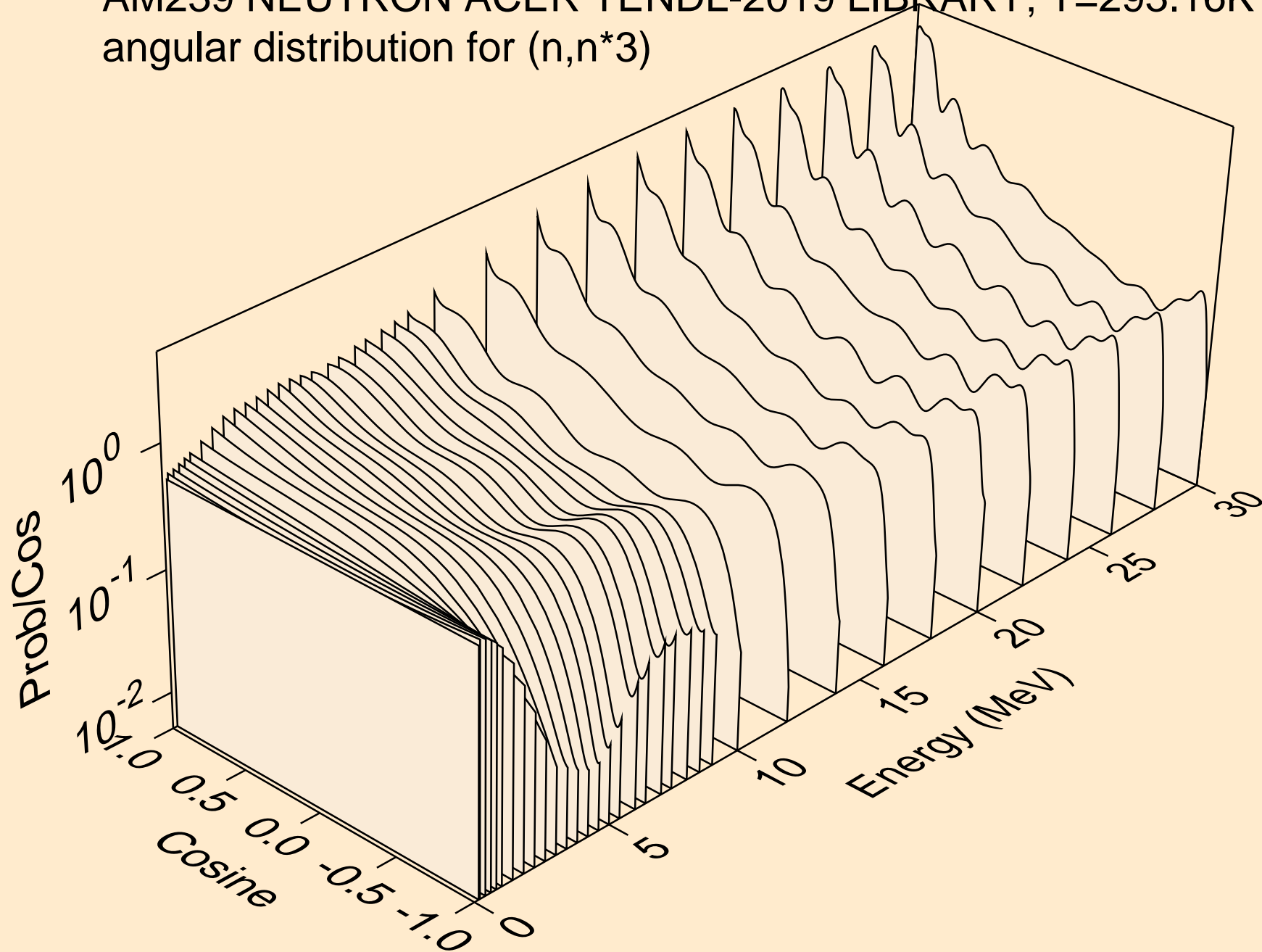
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angular distribution for (n,n*1)



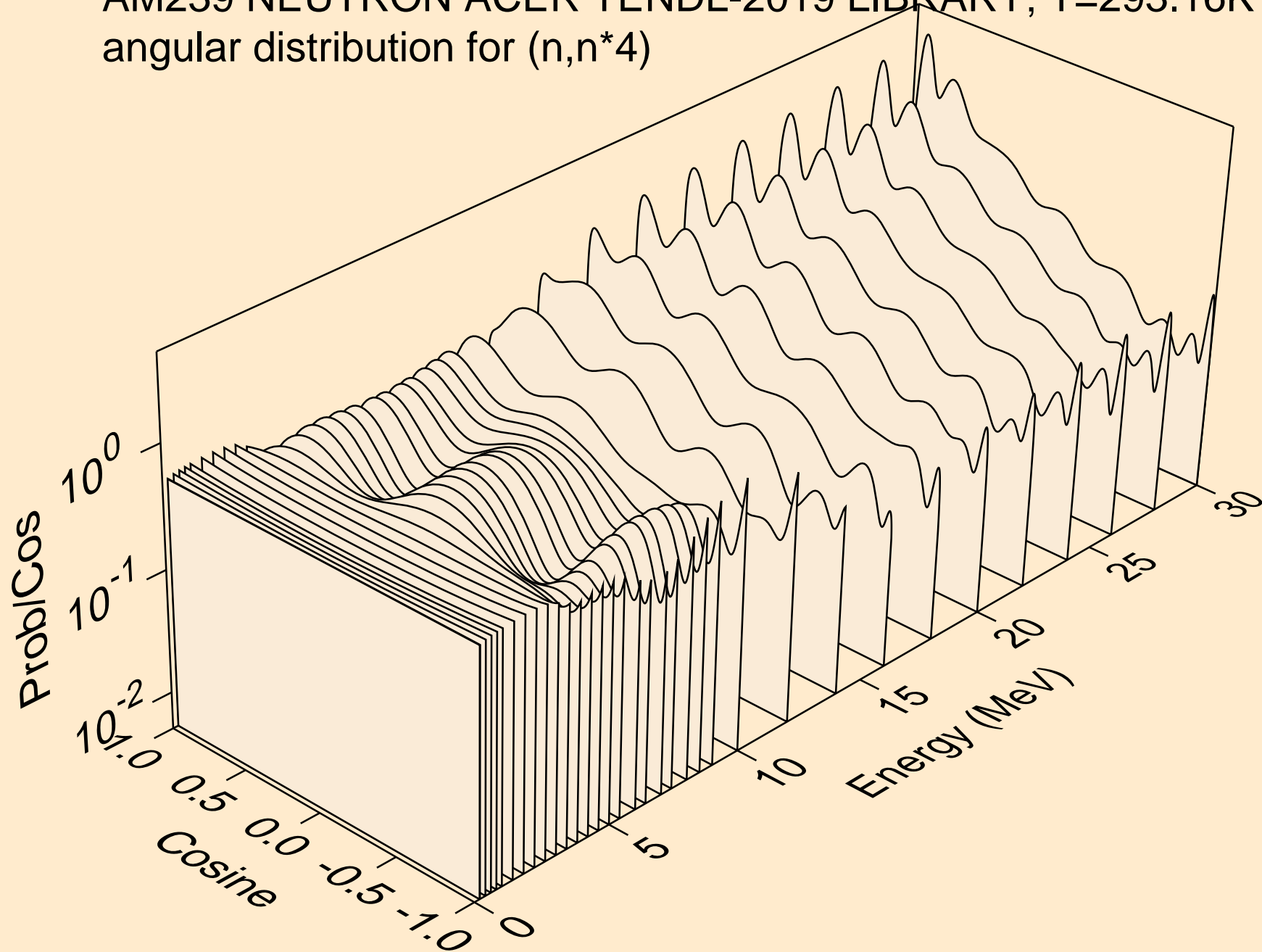
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angular distribution for (n,n*2)



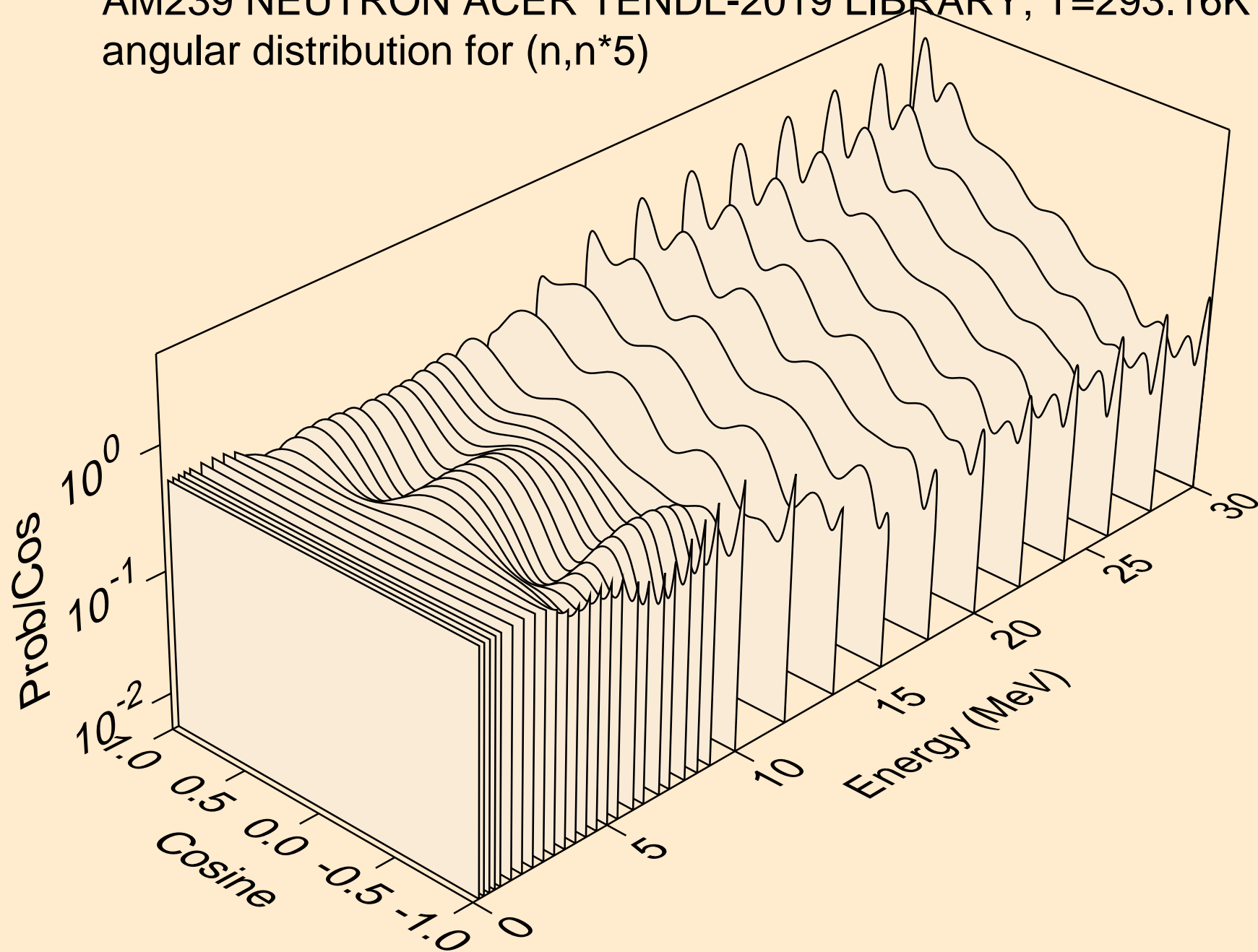
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angular distribution for (n,n*3)



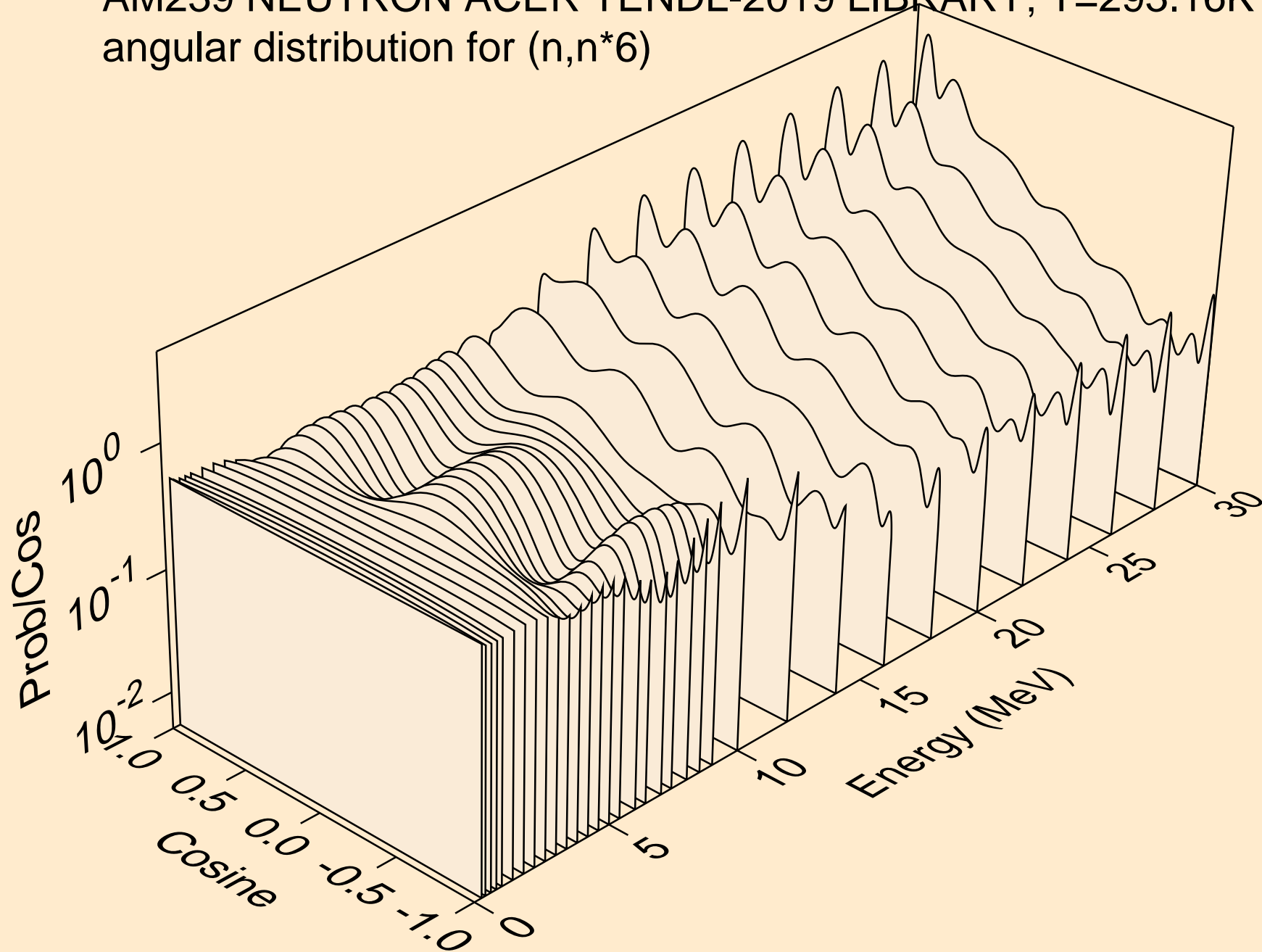
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angular distribution for (n,n*4)



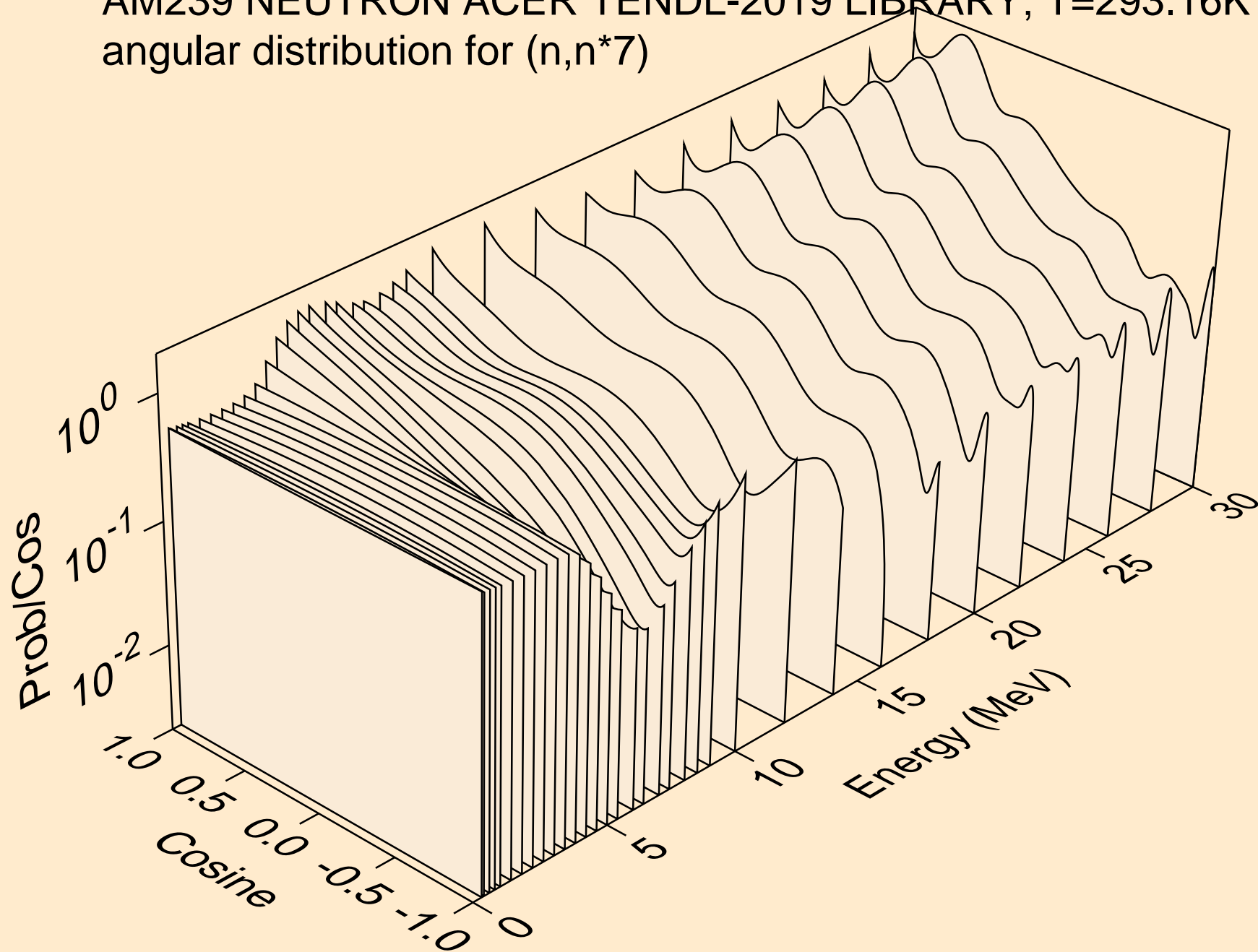
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angular distribution for (n,n*5)



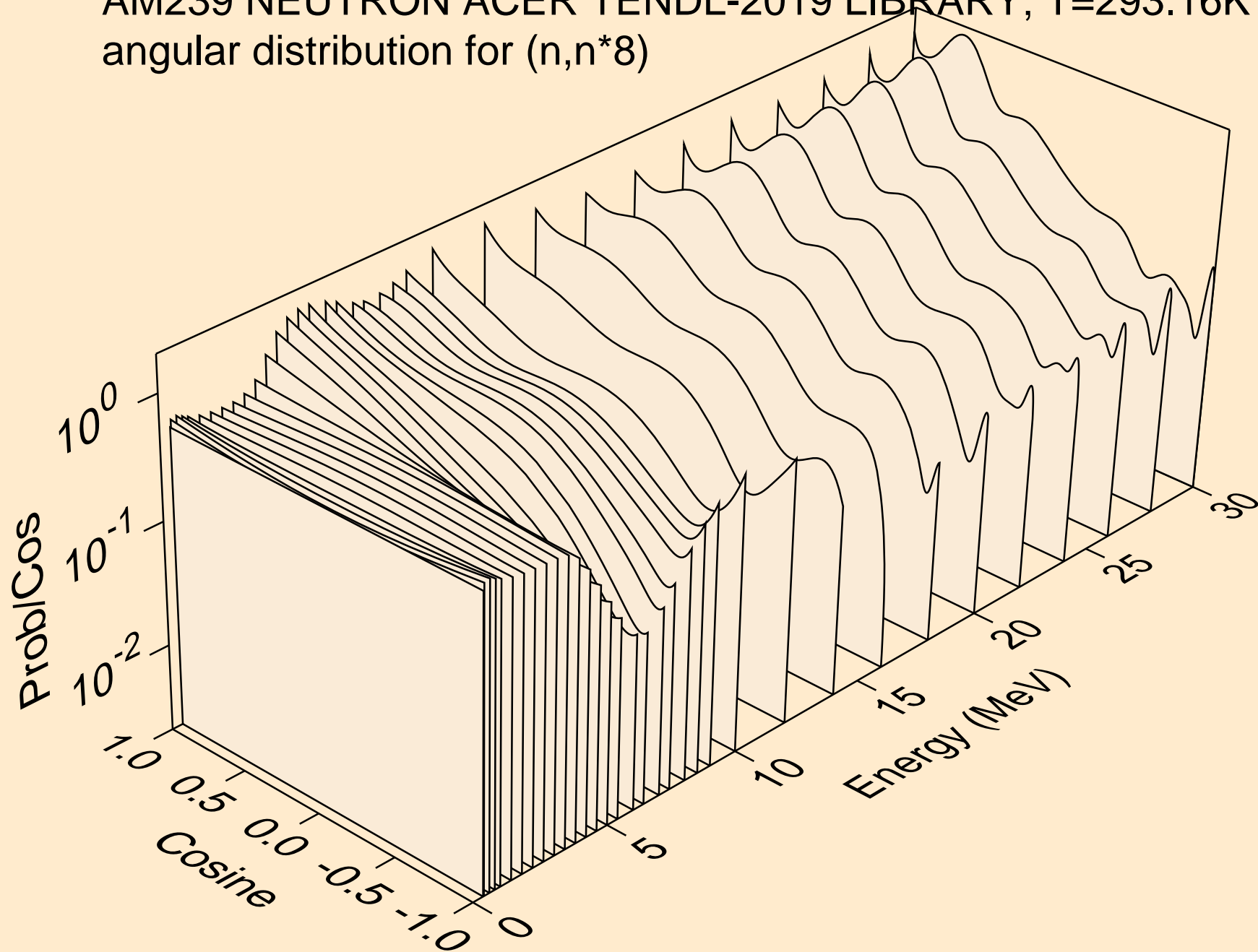
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angular distribution for (n,n*6)



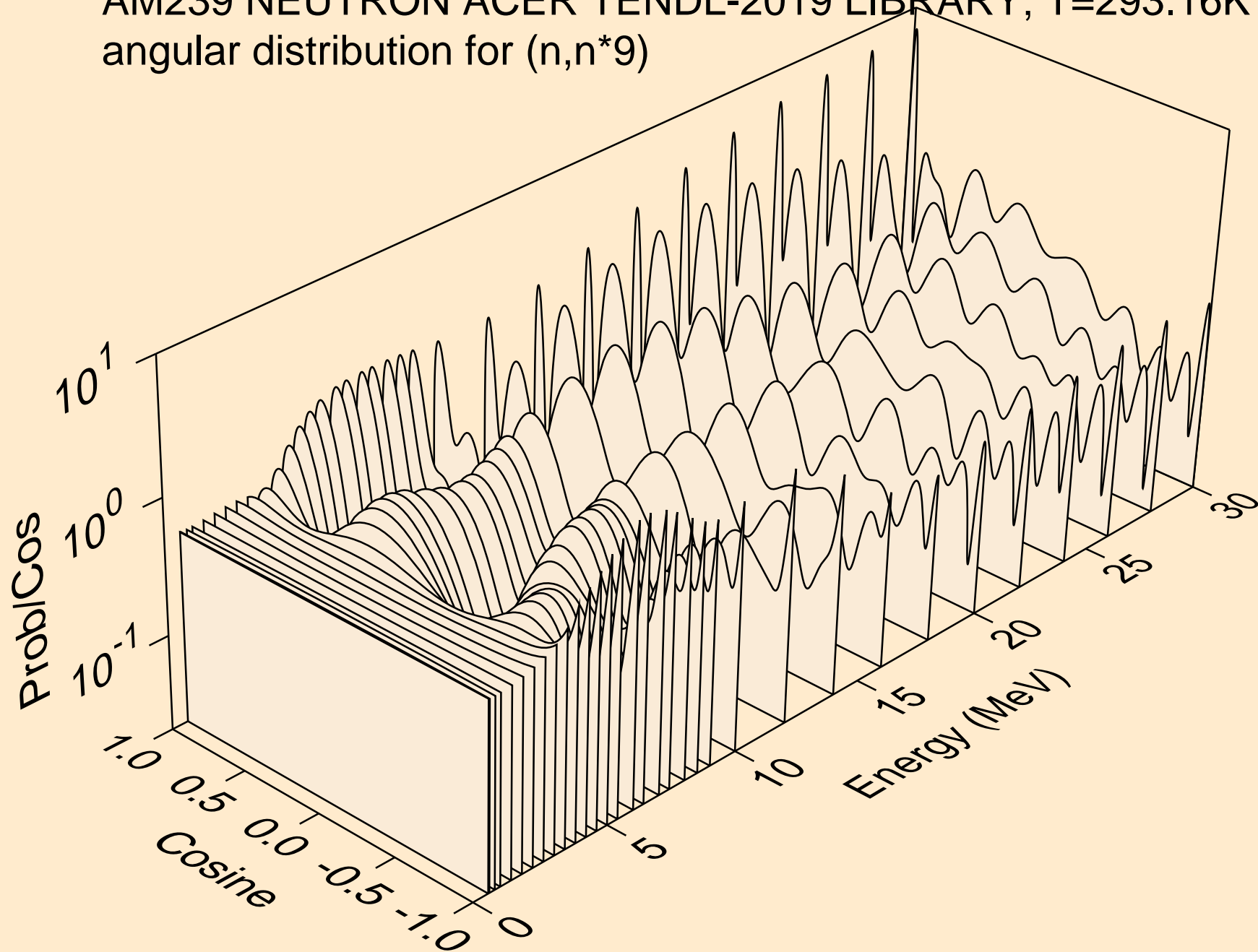
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angular distribution for (n,n*7)



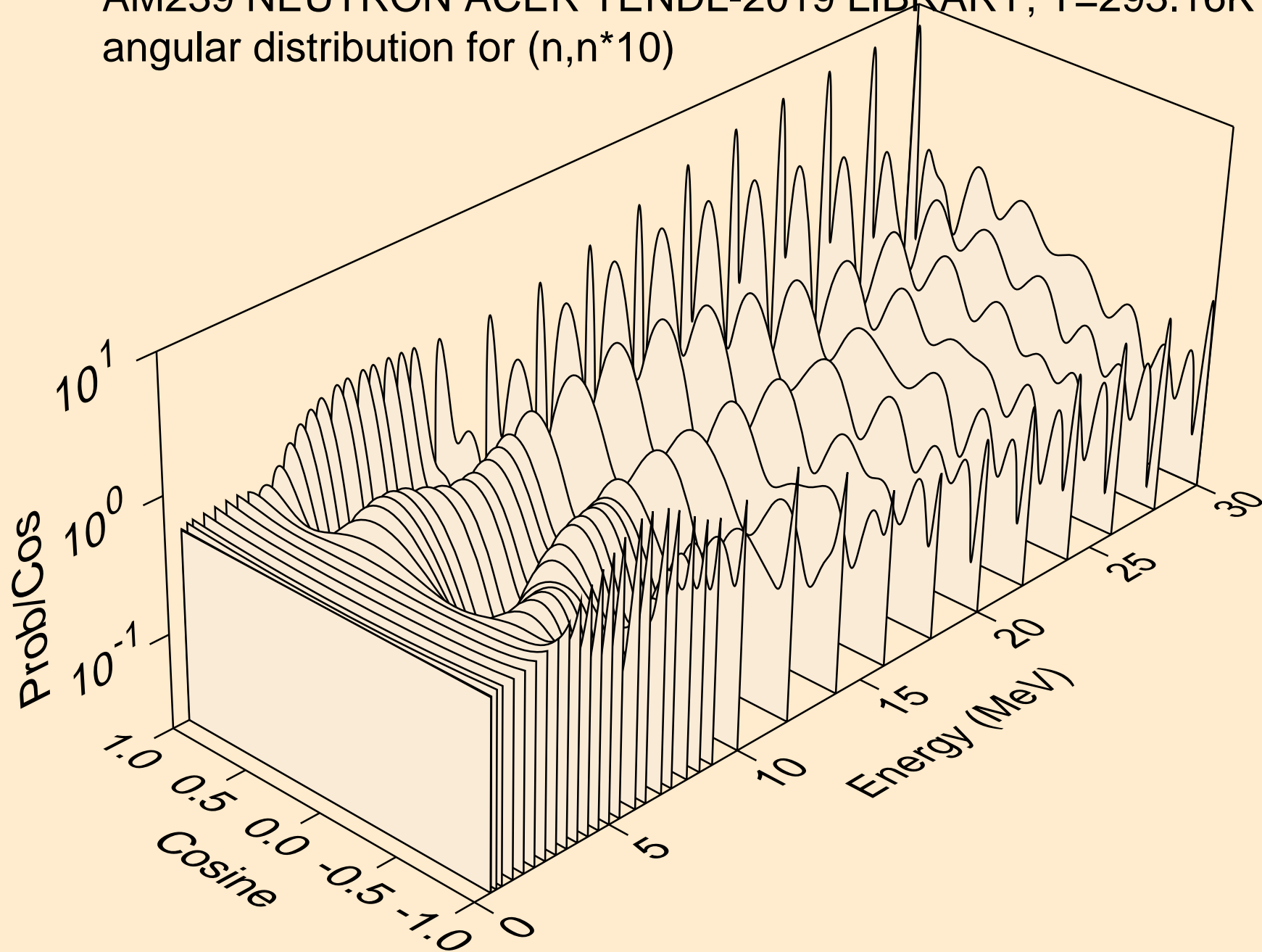
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angular distribution for (n,n*8)



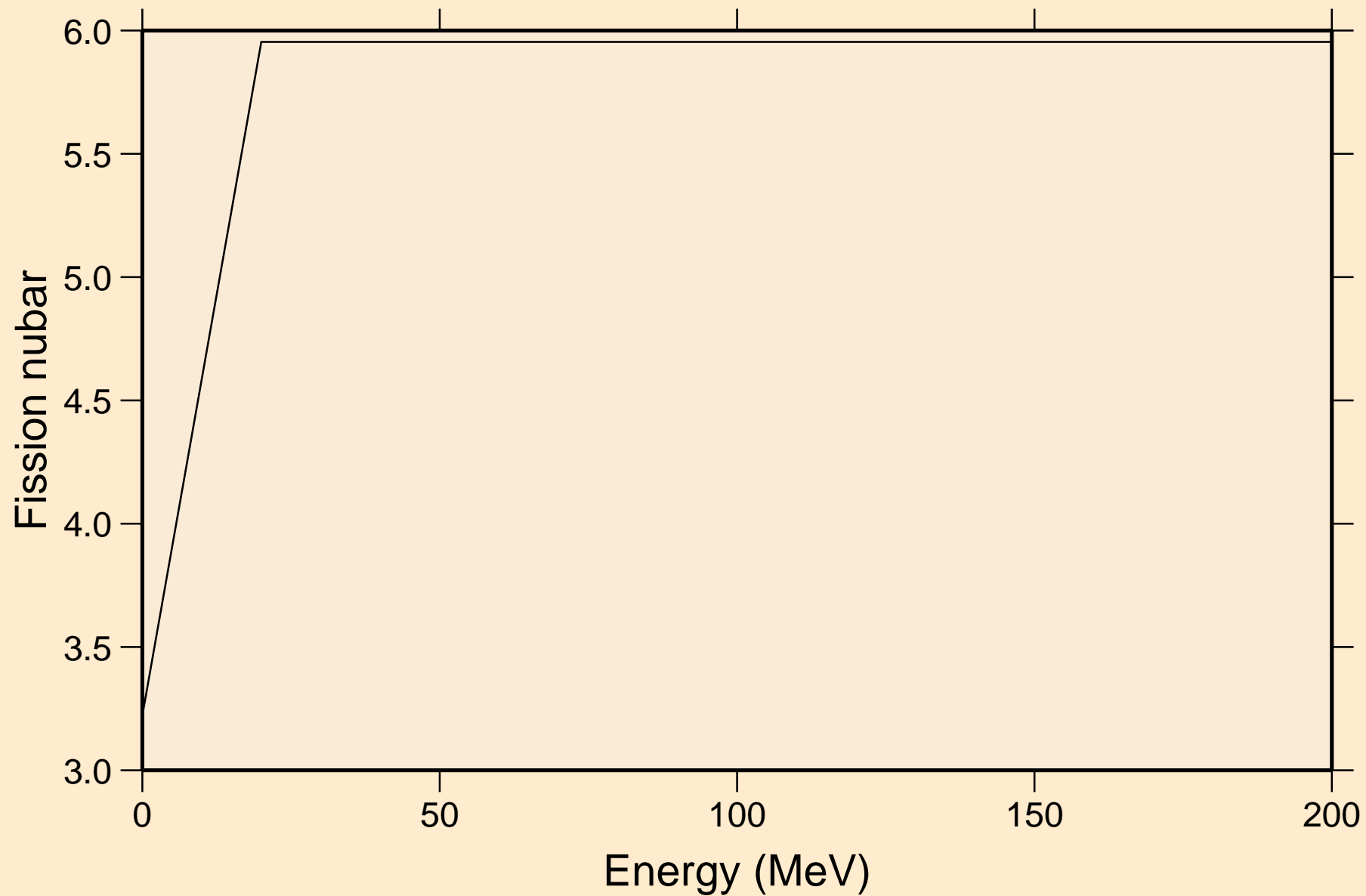
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angular distribution for (n,n*9)



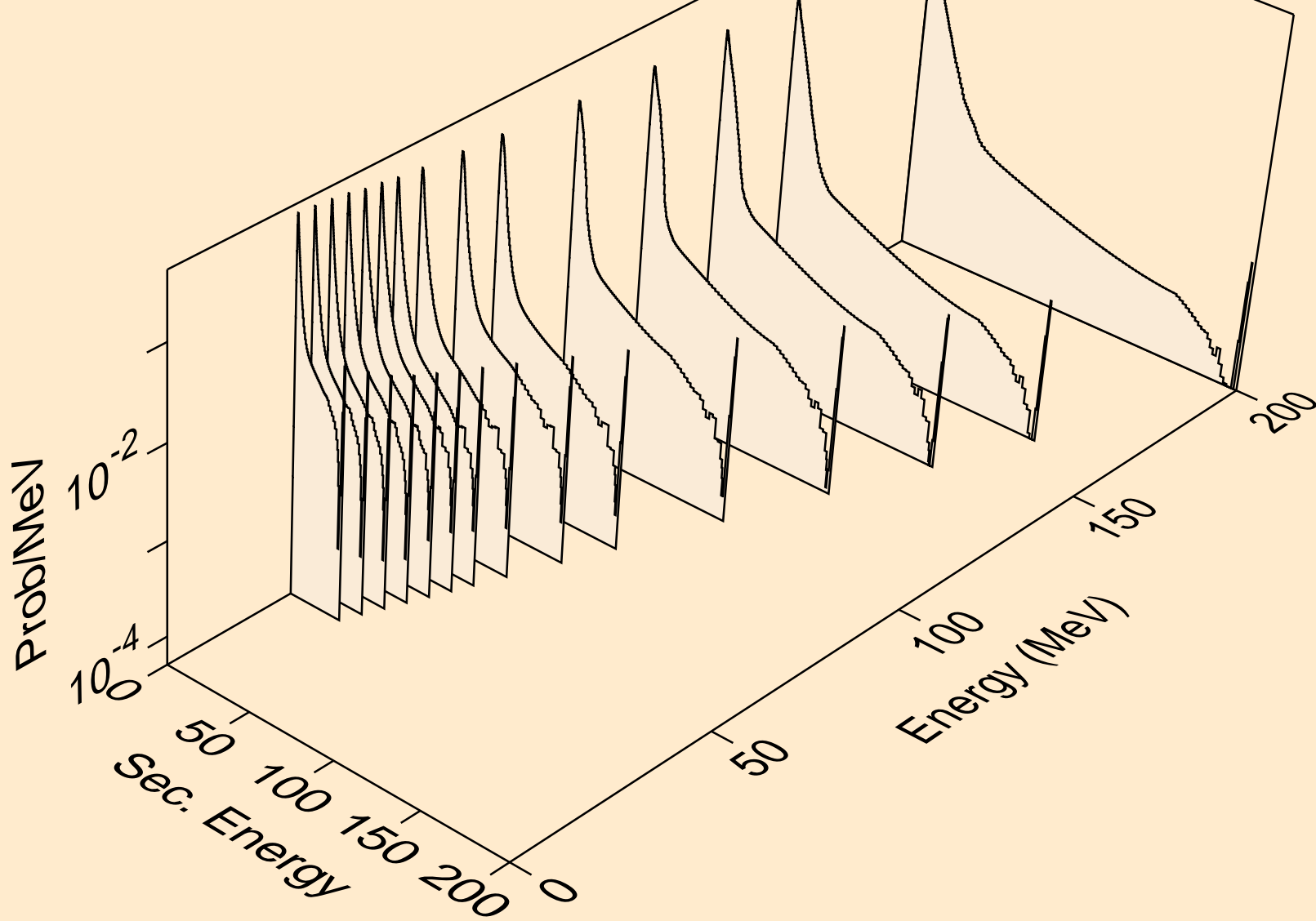
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angular distribution for (n,n*10)



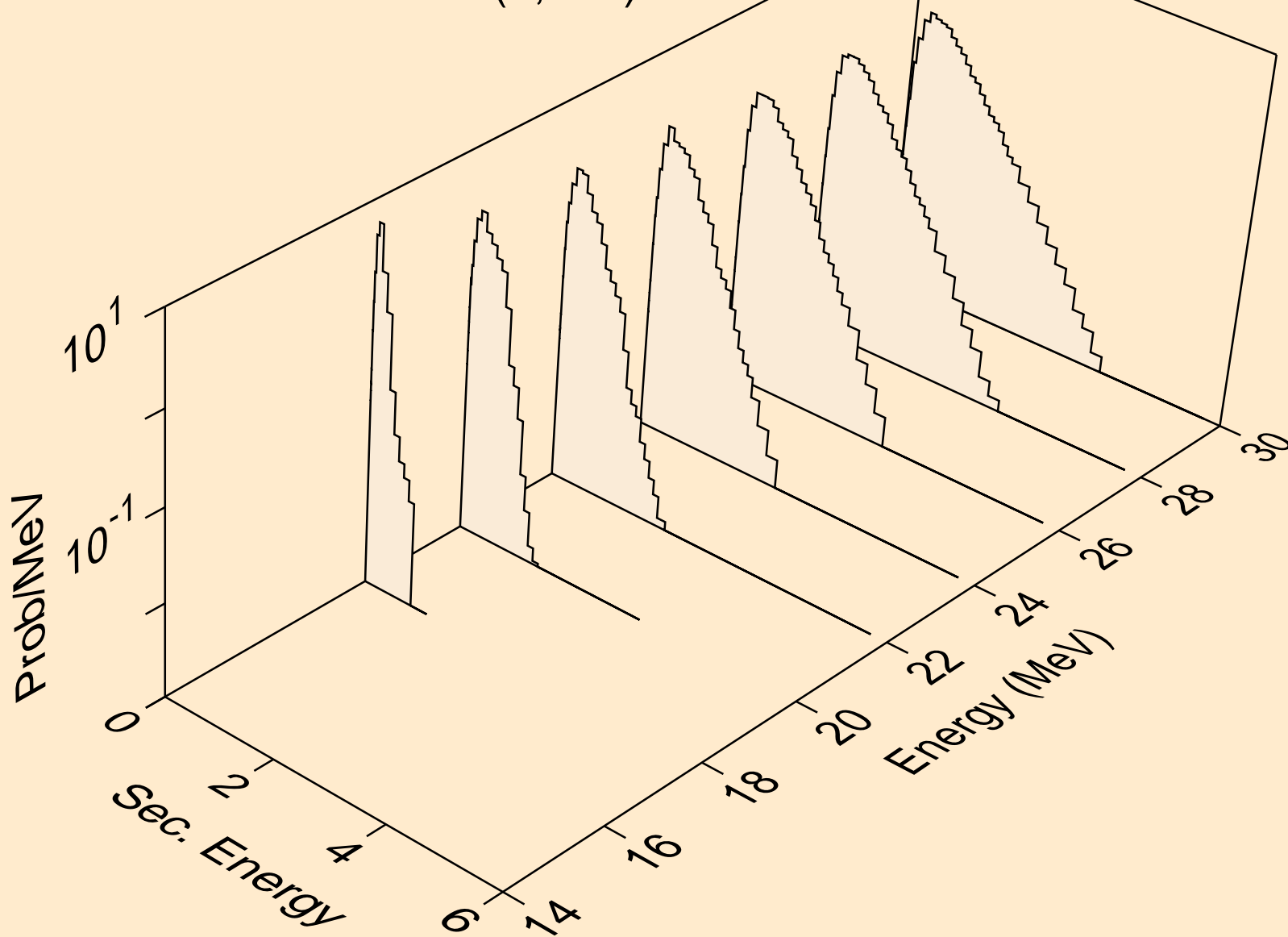
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



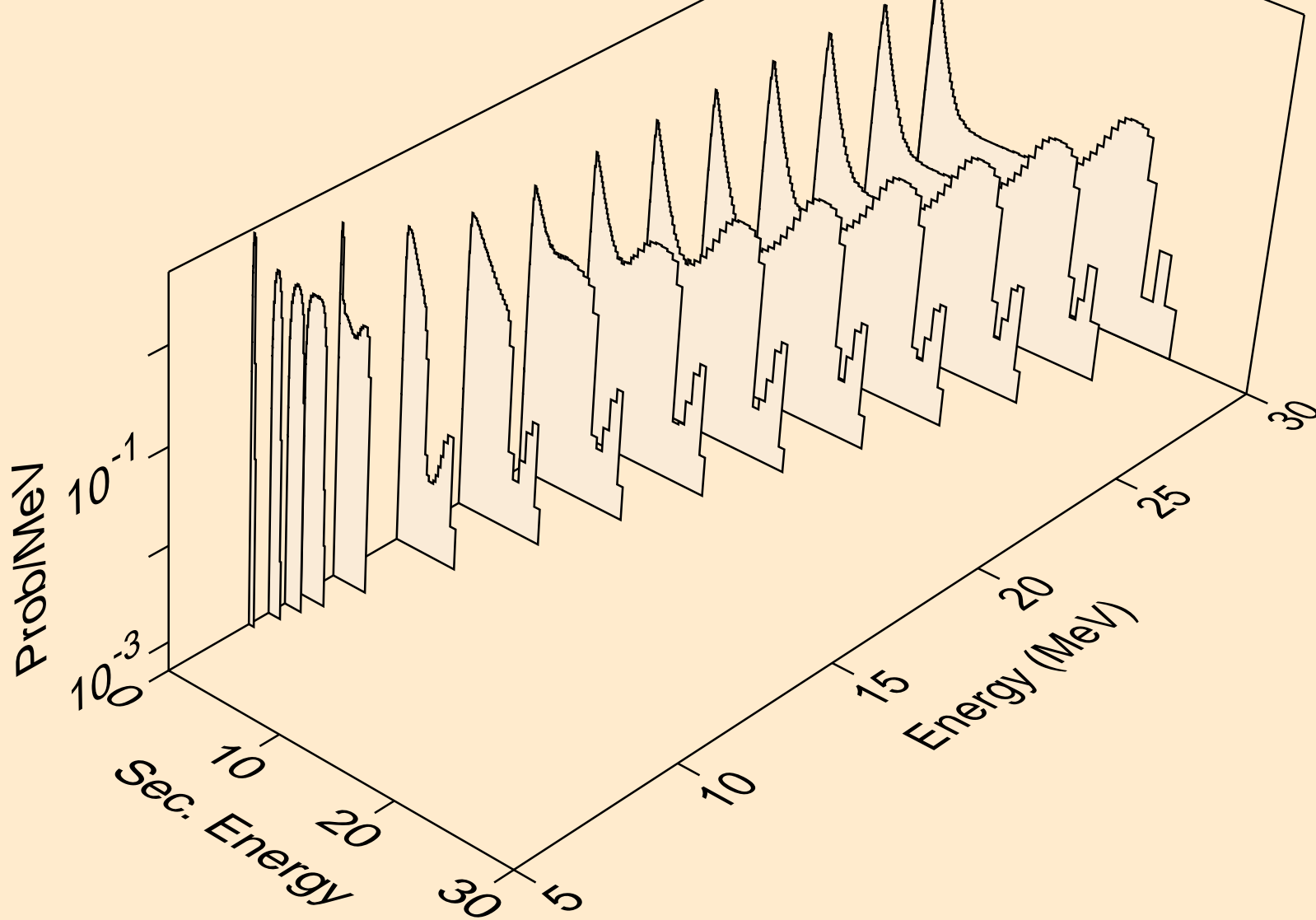
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



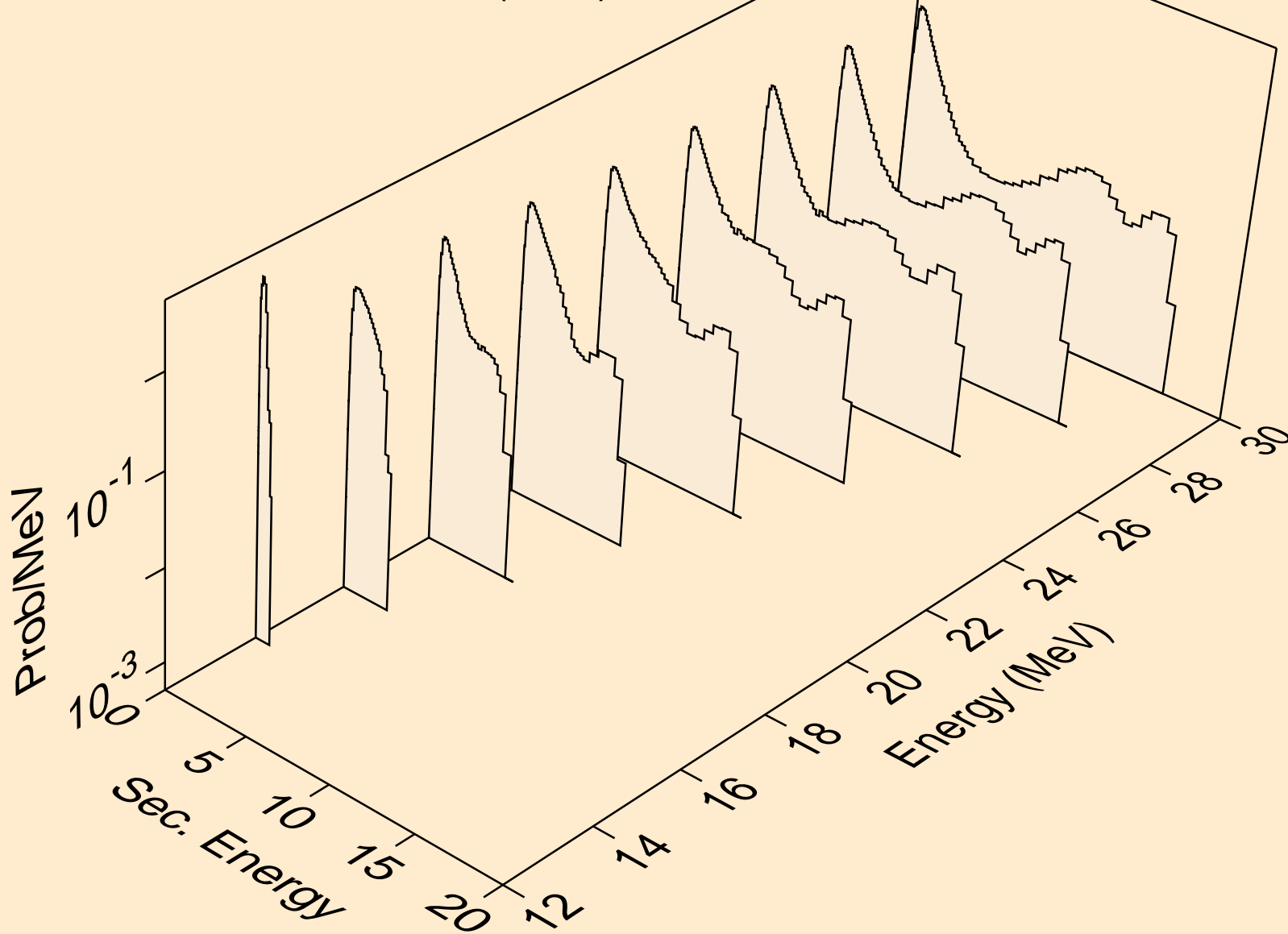
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



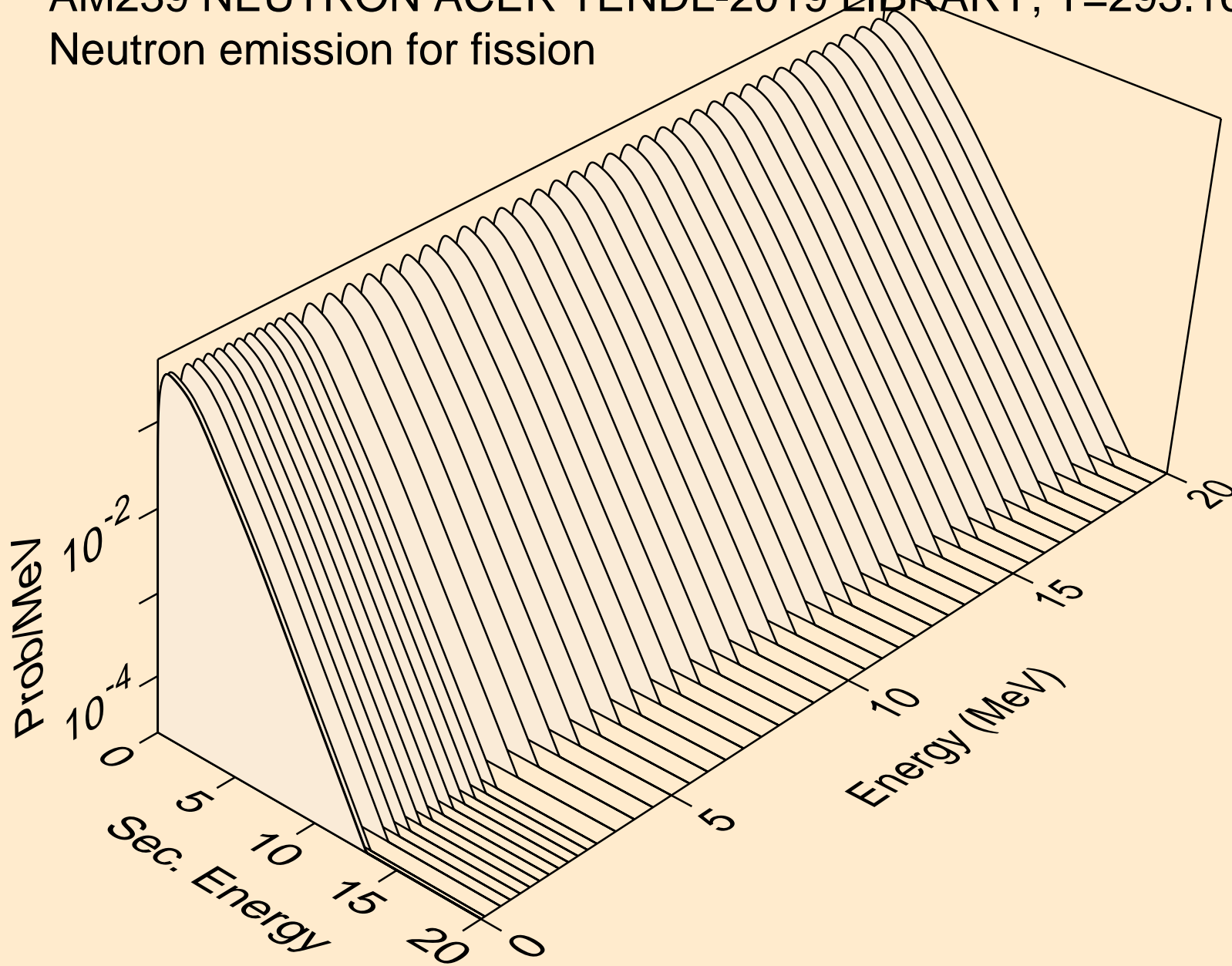
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



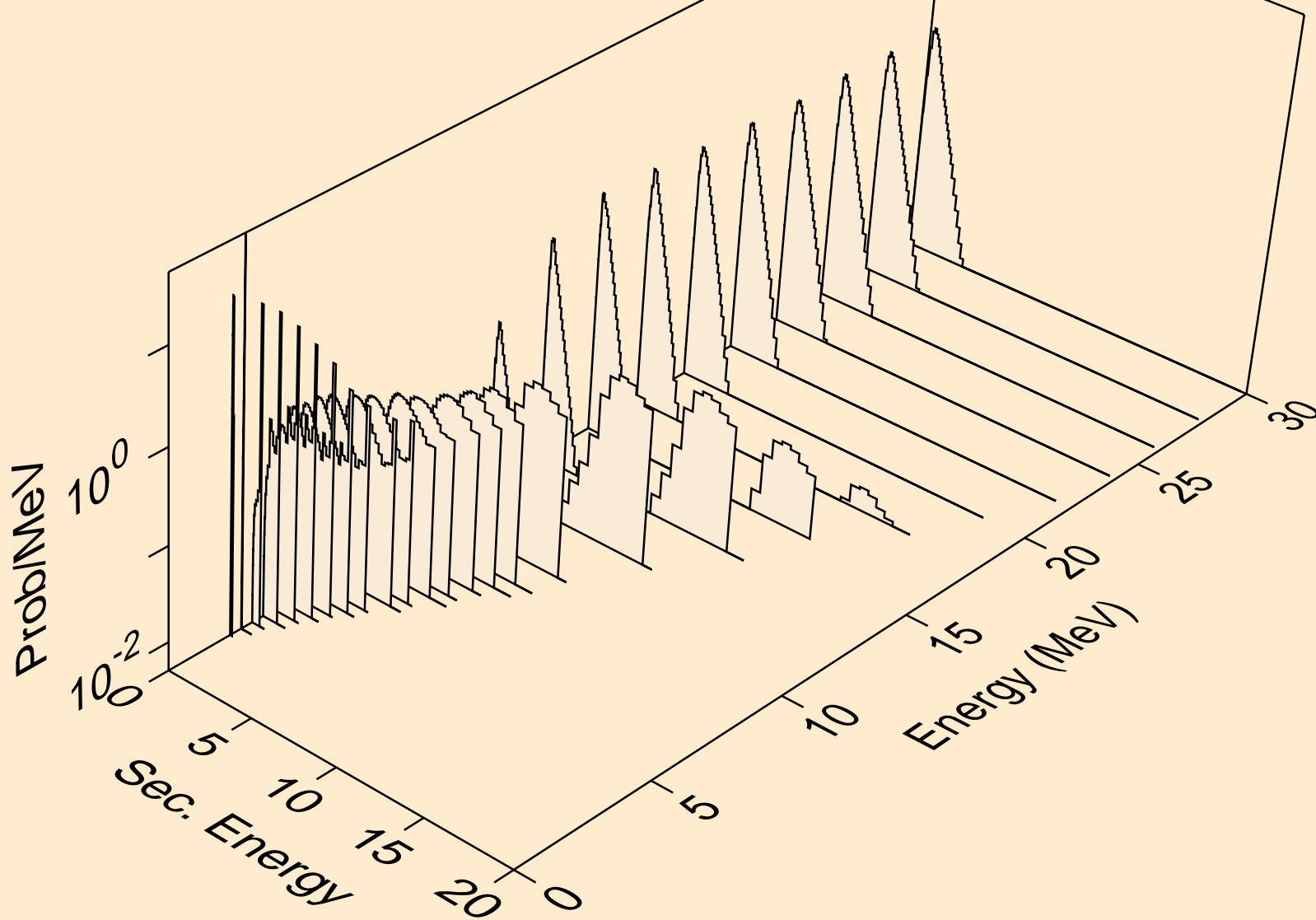
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



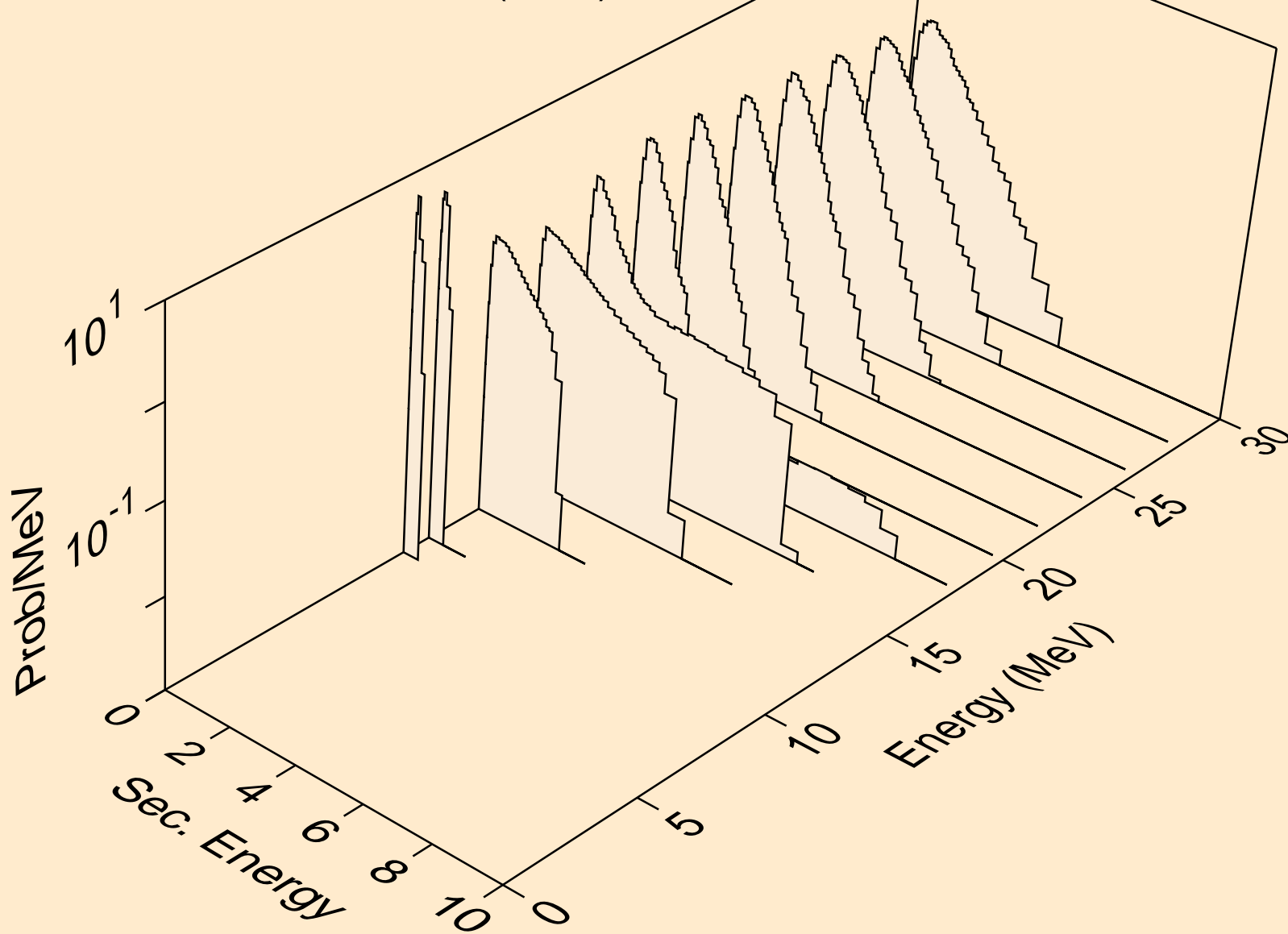
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Neutron emission for fission



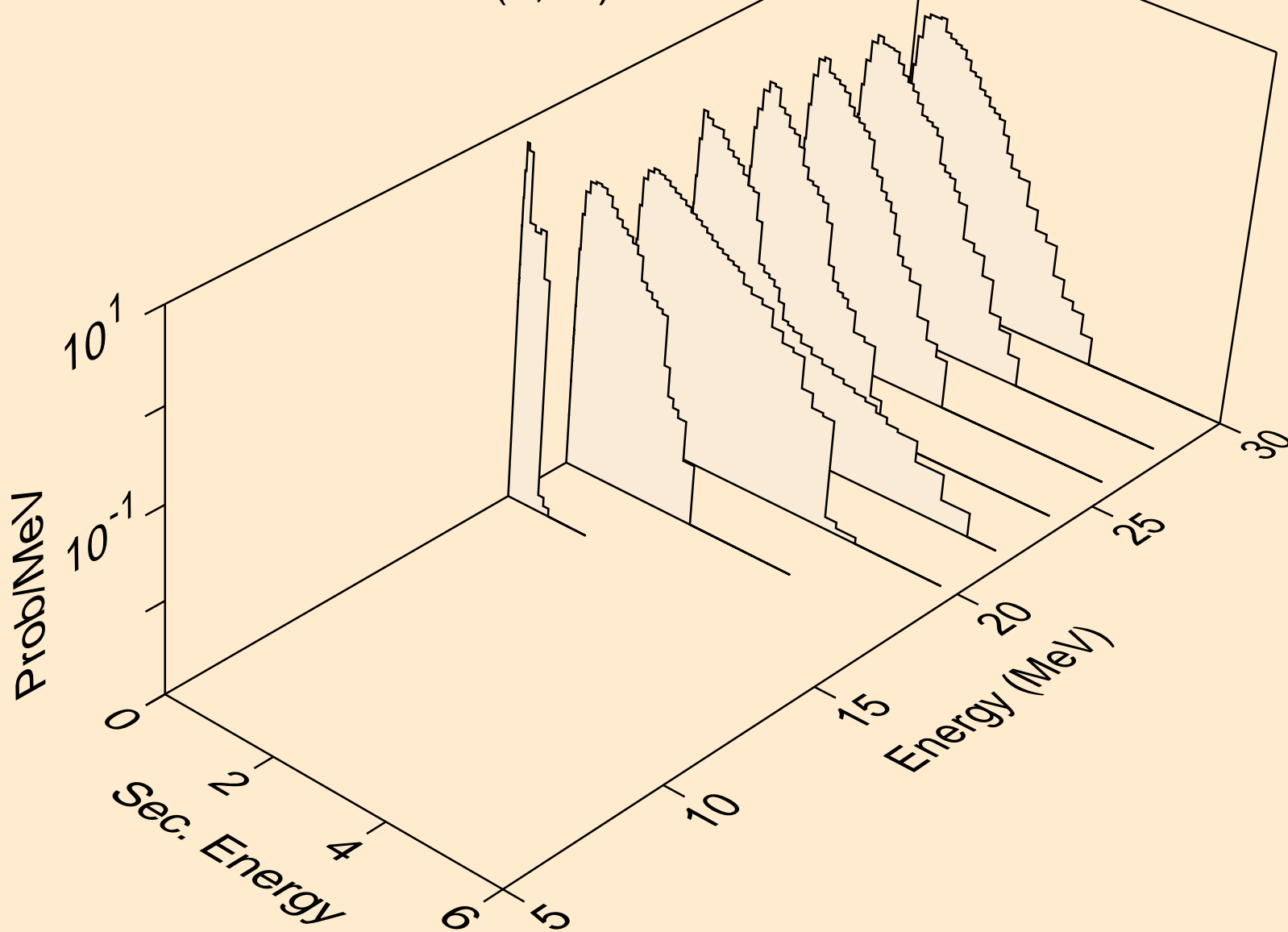
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



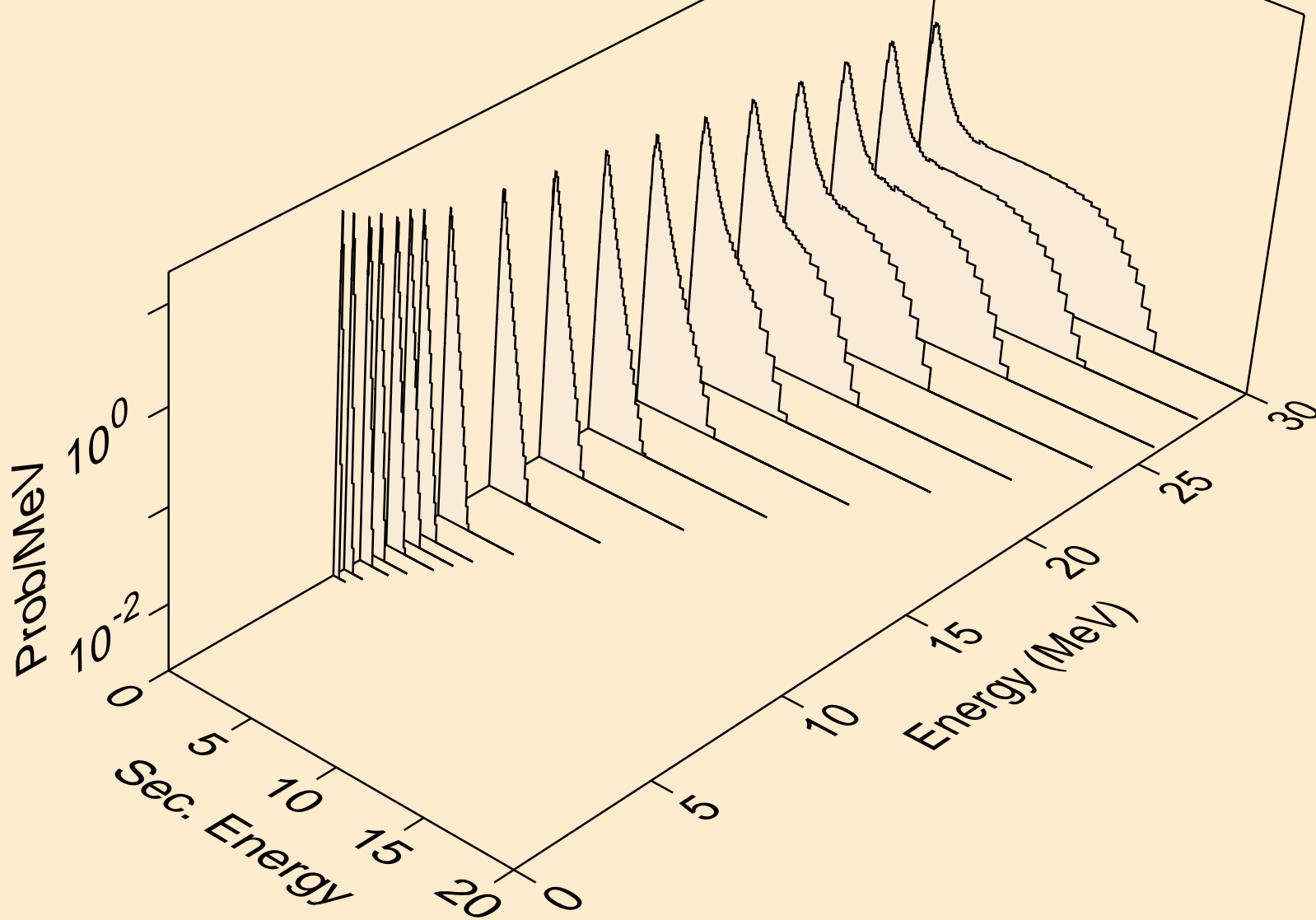
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Neutron emission for (n,2n)a



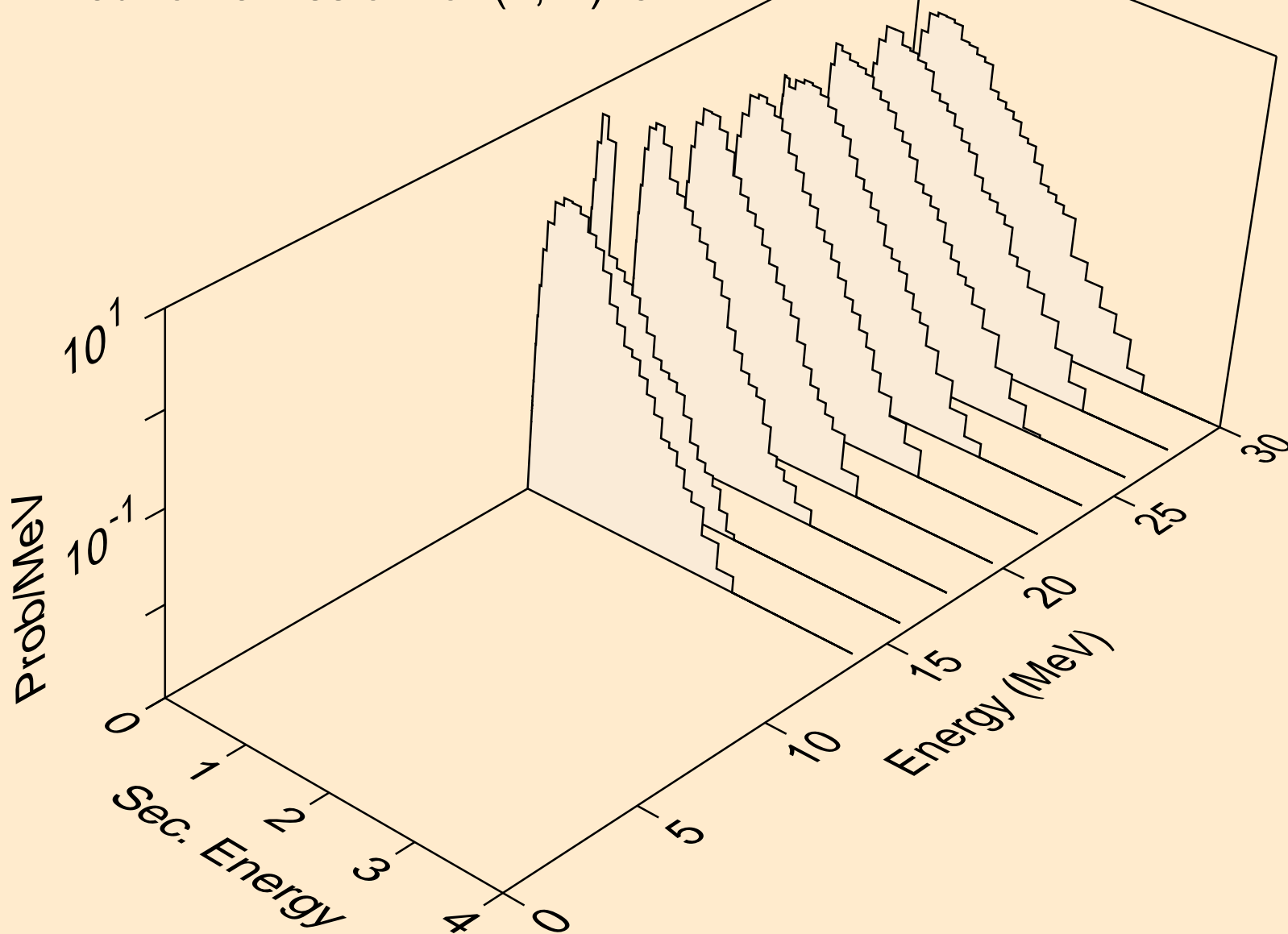
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



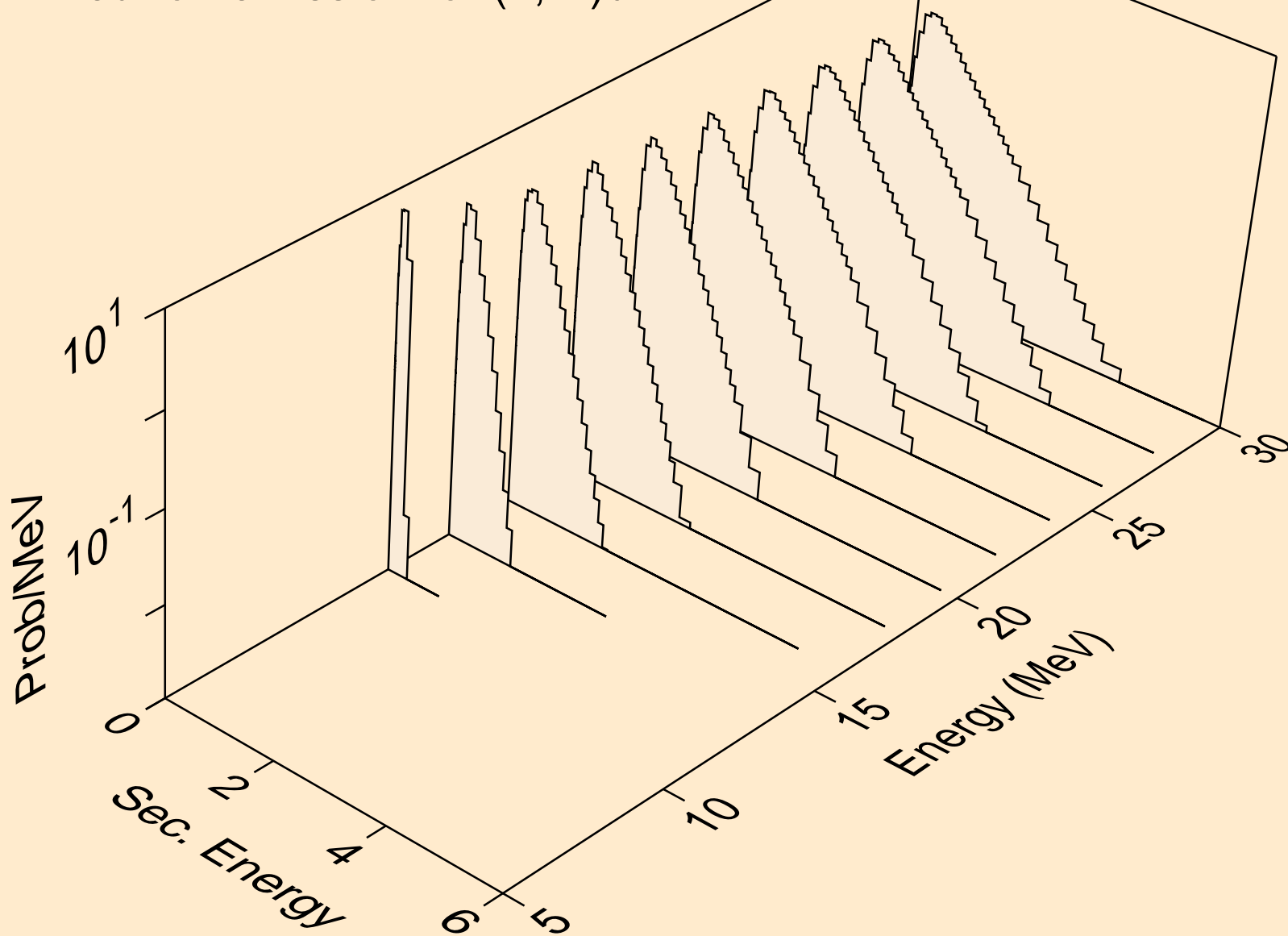
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



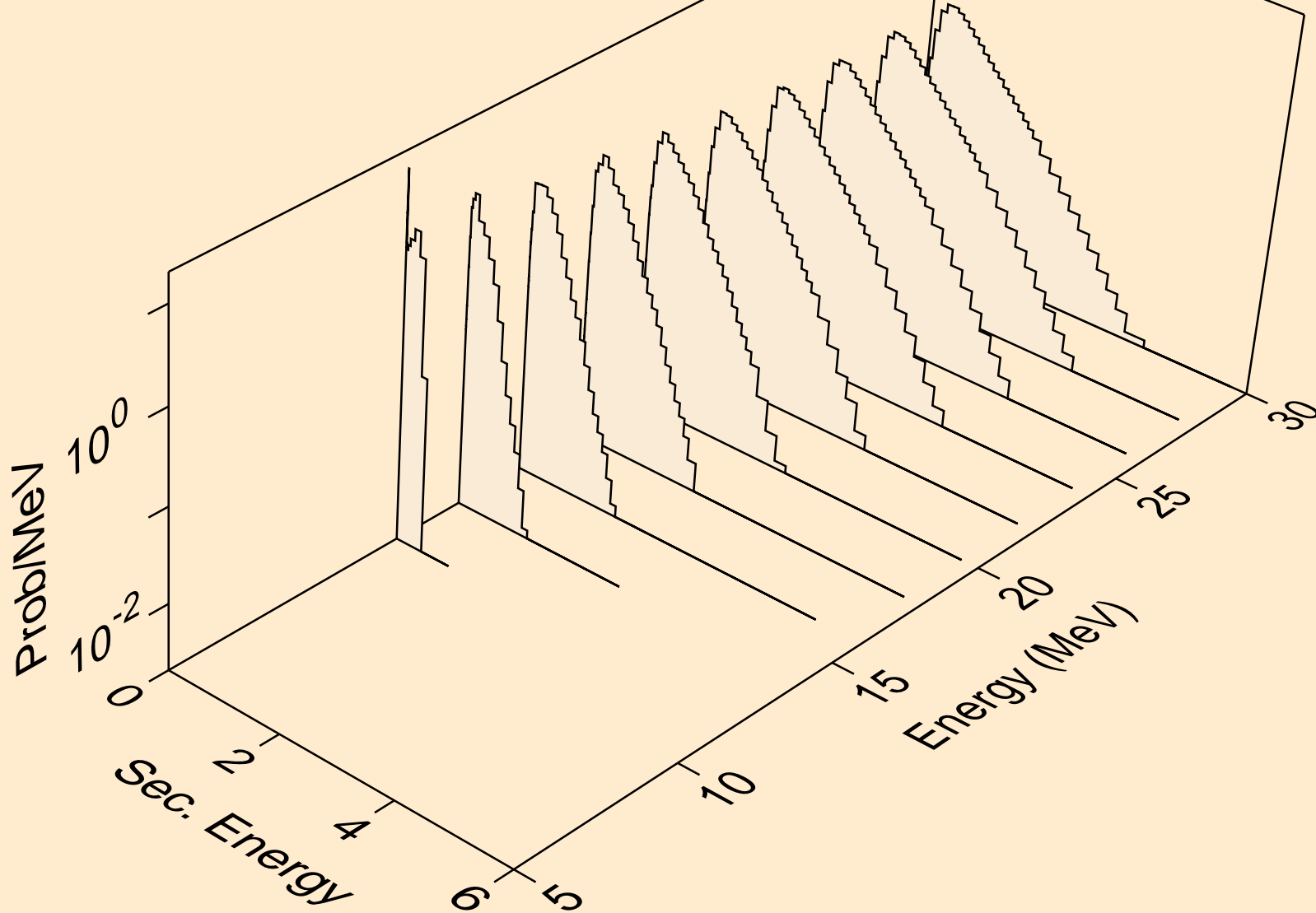
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Neutron emission for (n,n*)2a



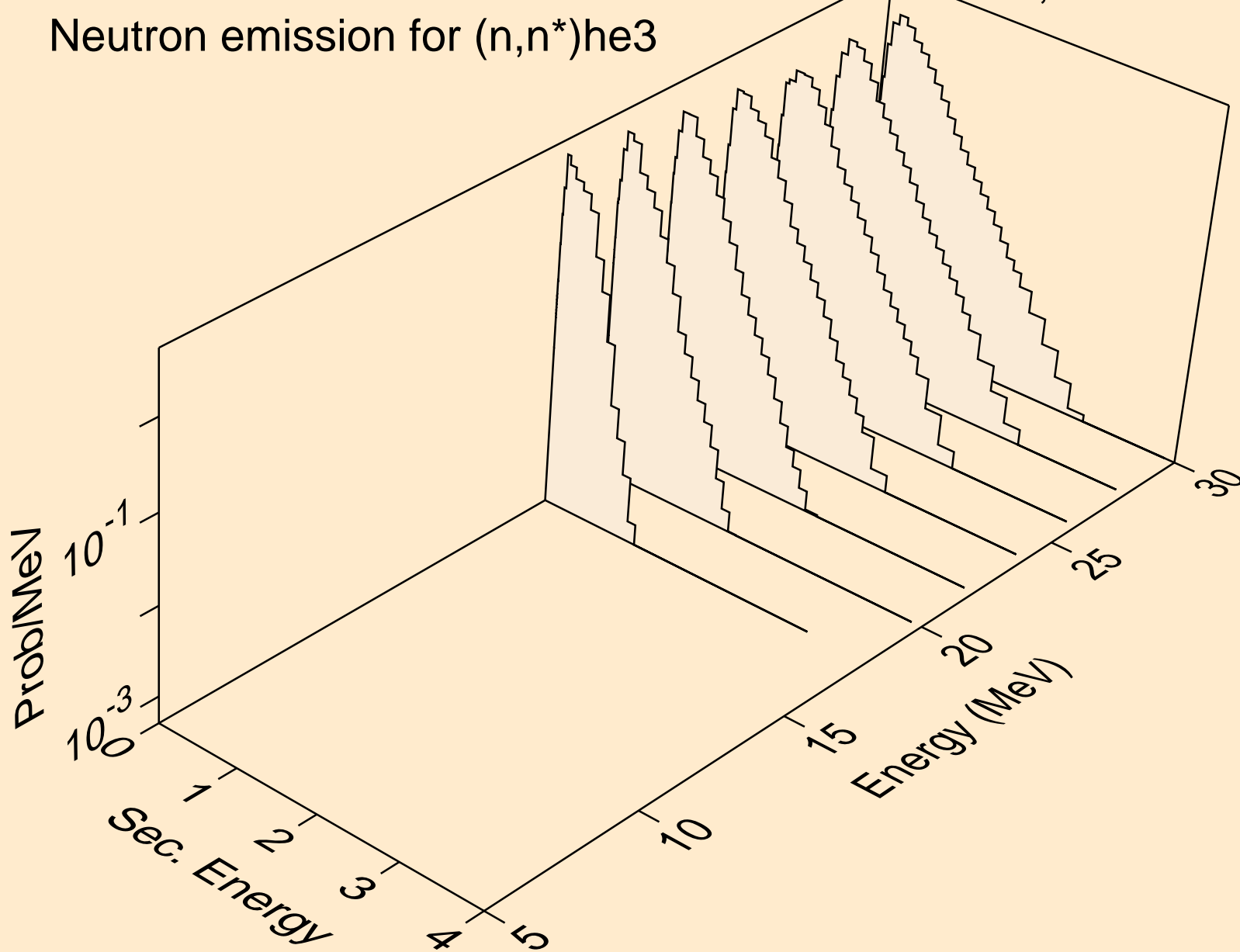
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



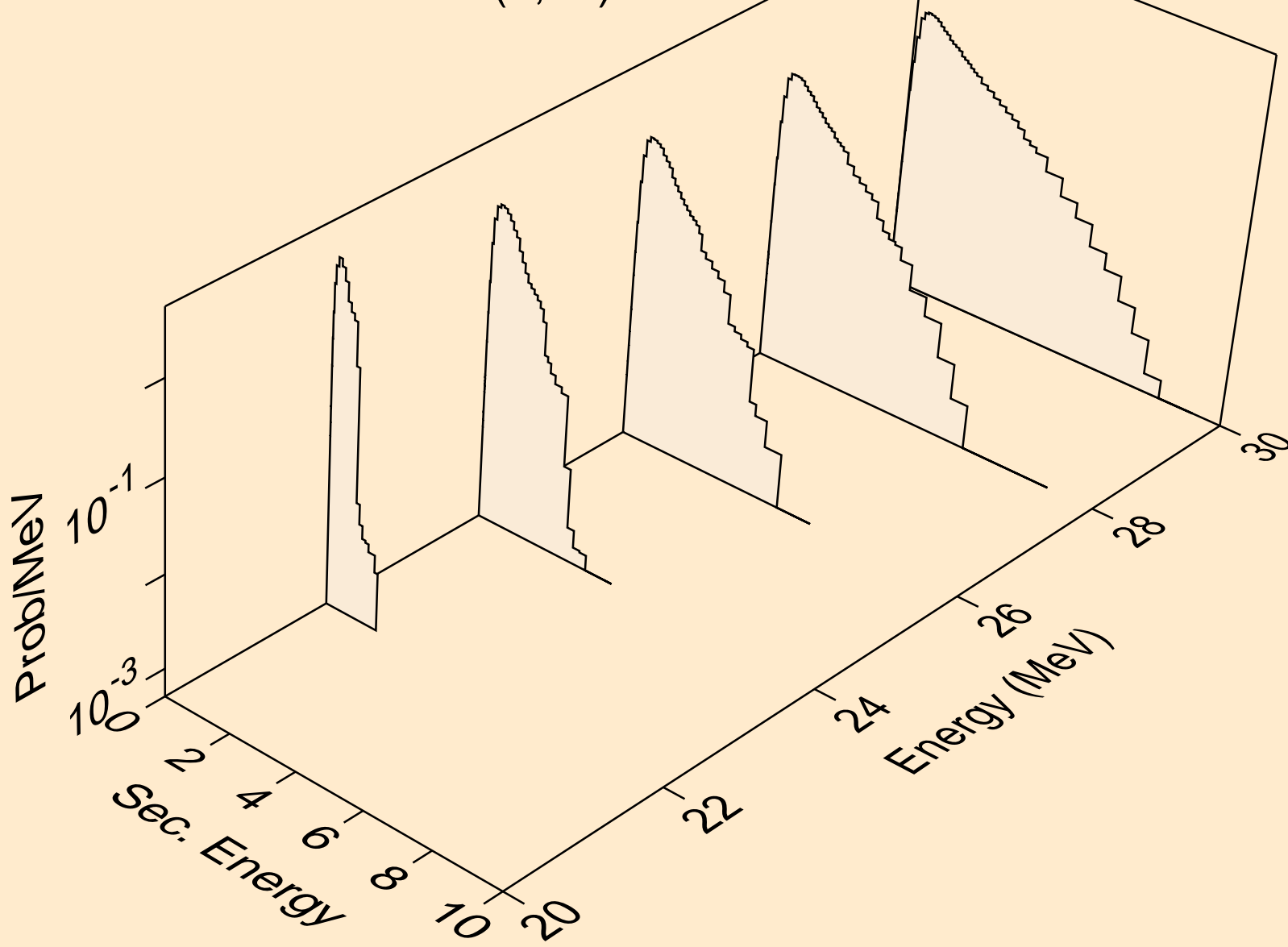
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



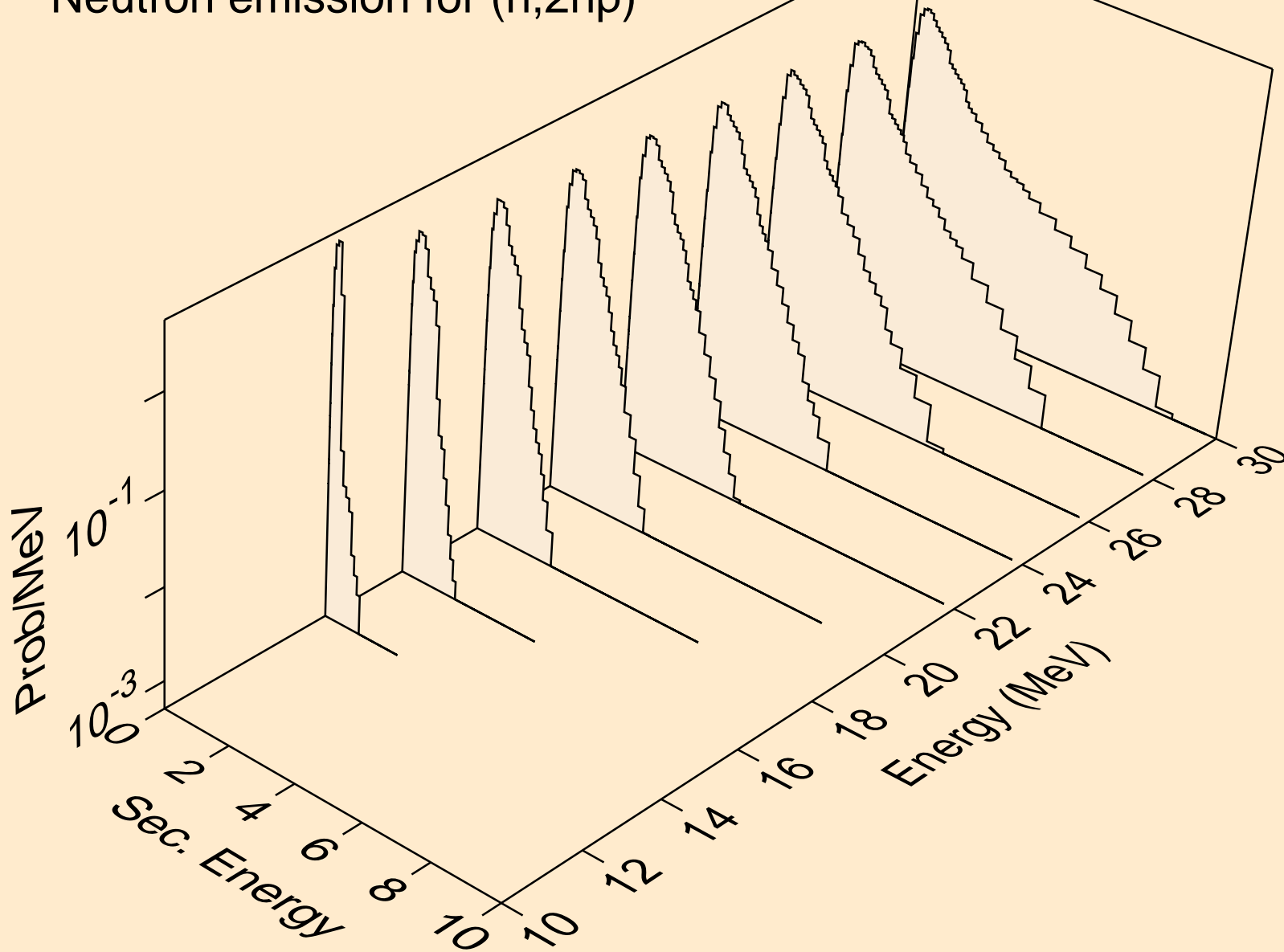
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



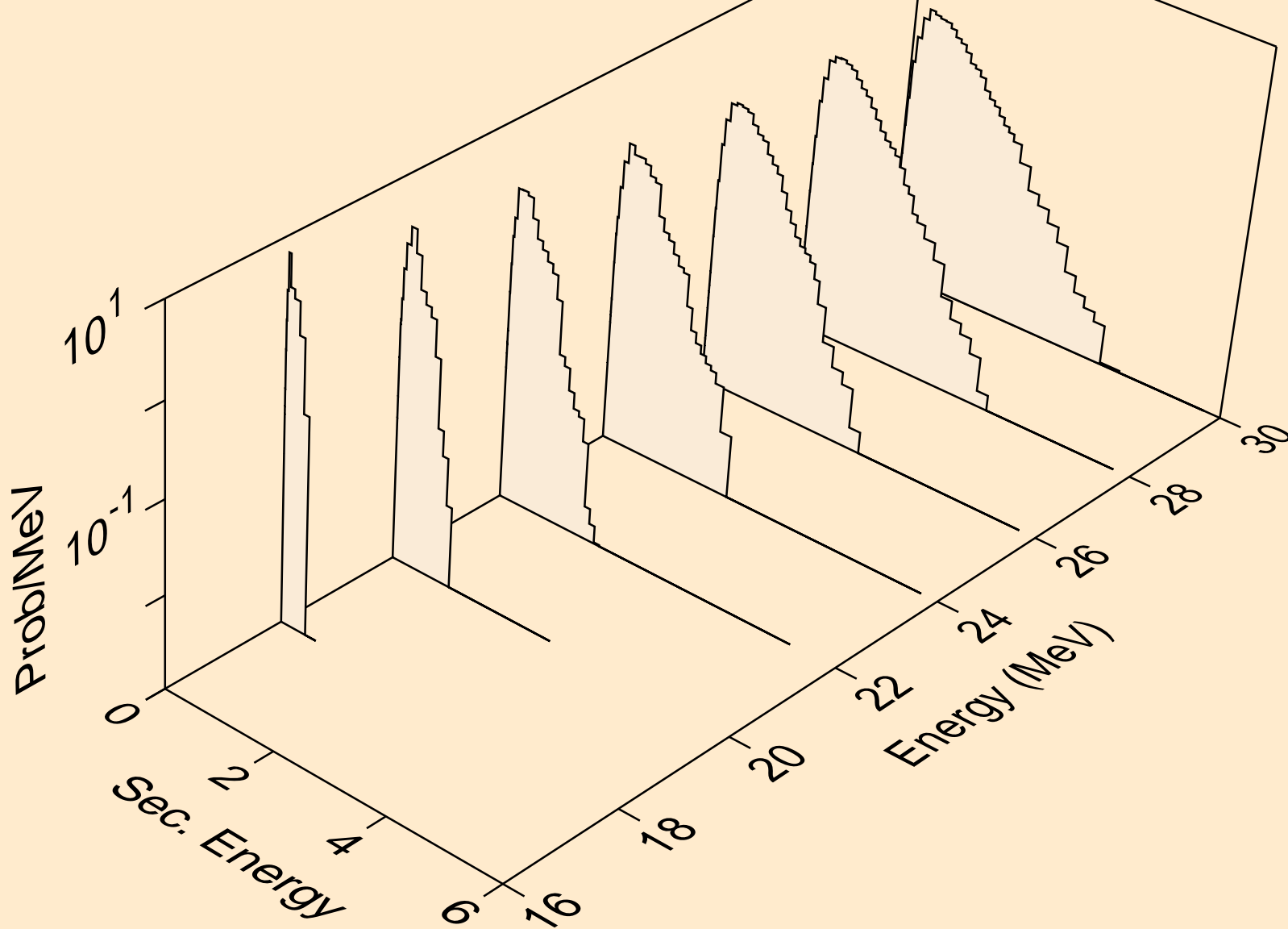
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Neutron emission for (n,4n)



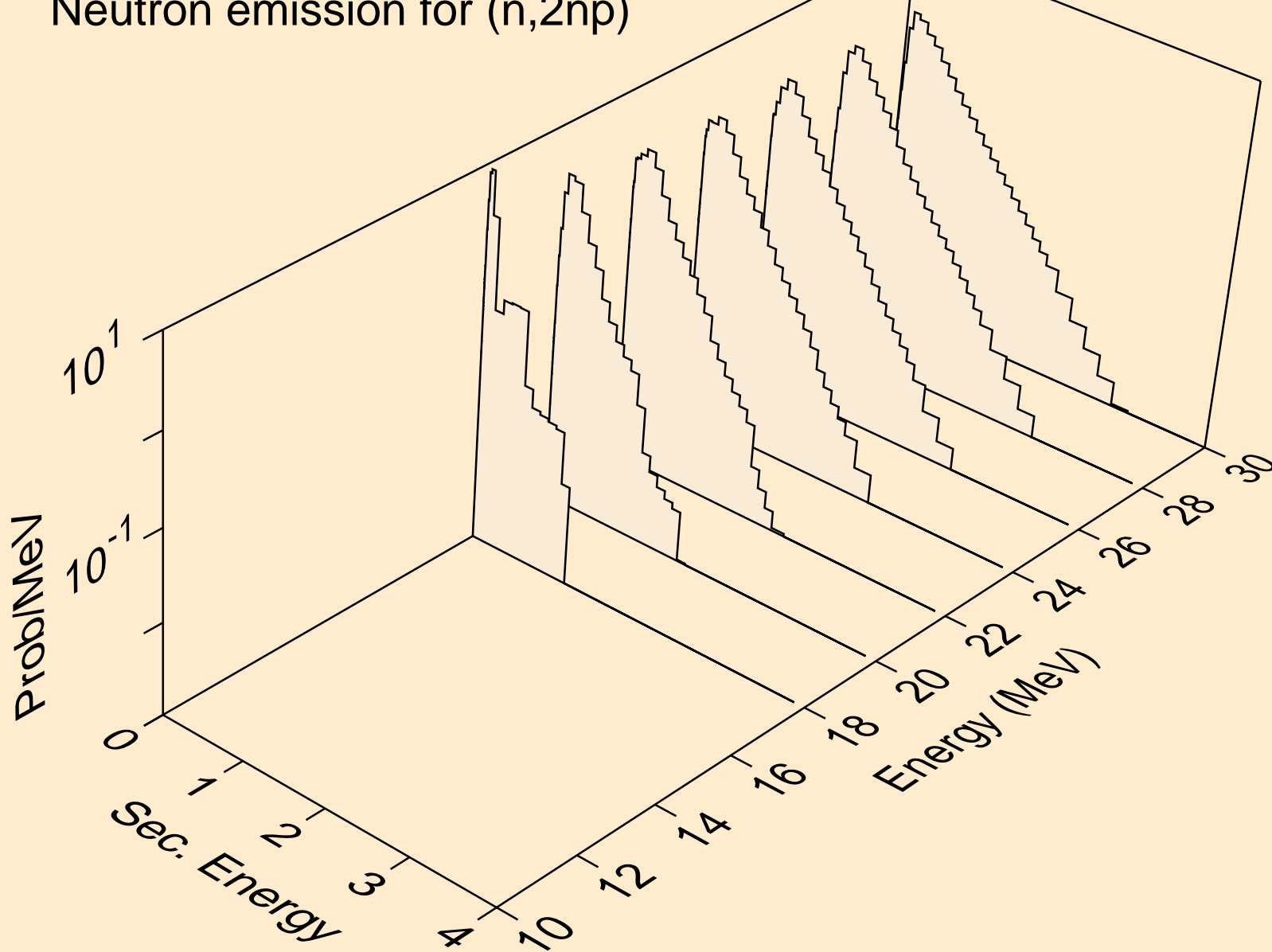
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Neutron emission for (n,2np)



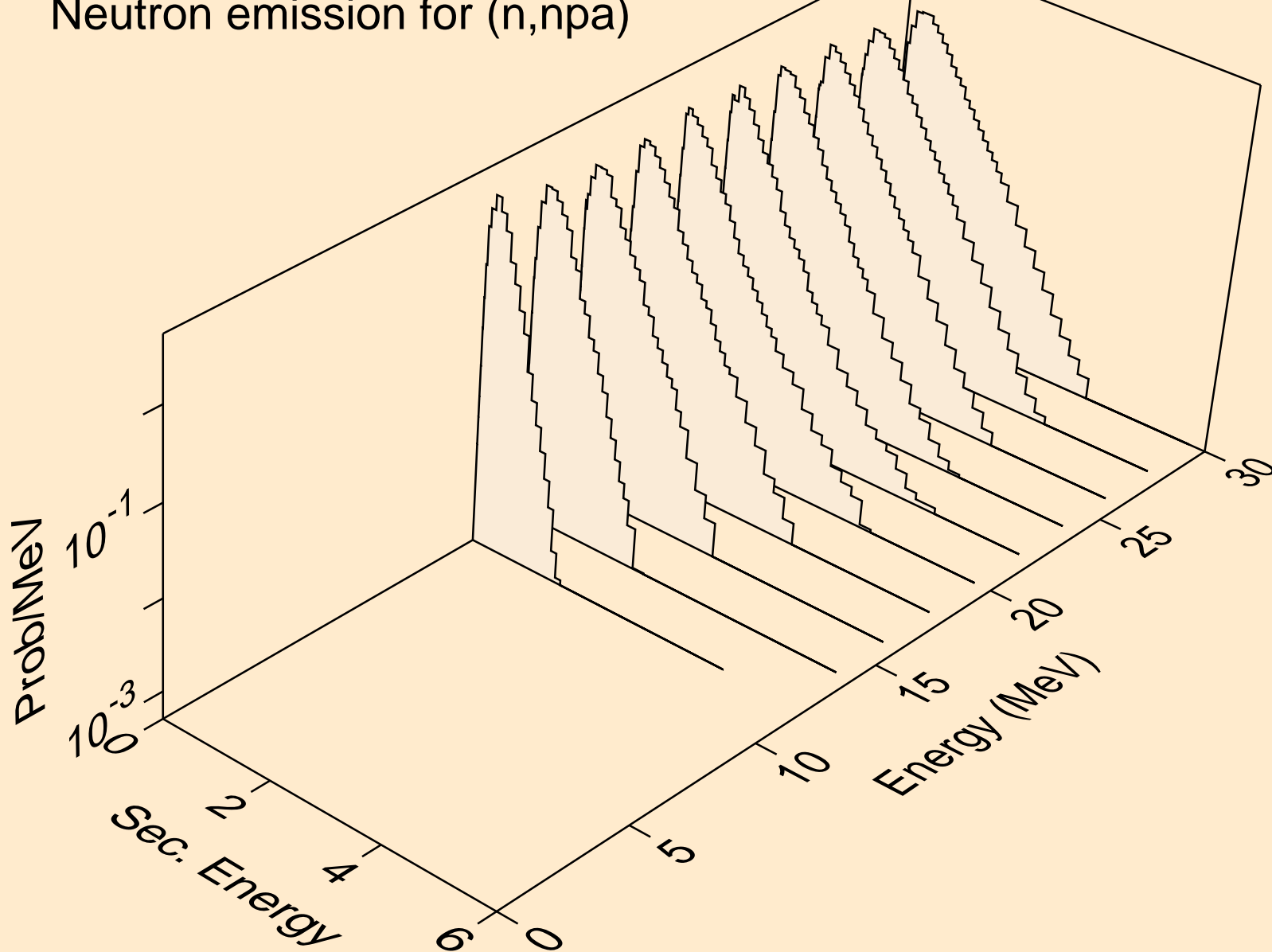
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Neutron emission for (n,3np)



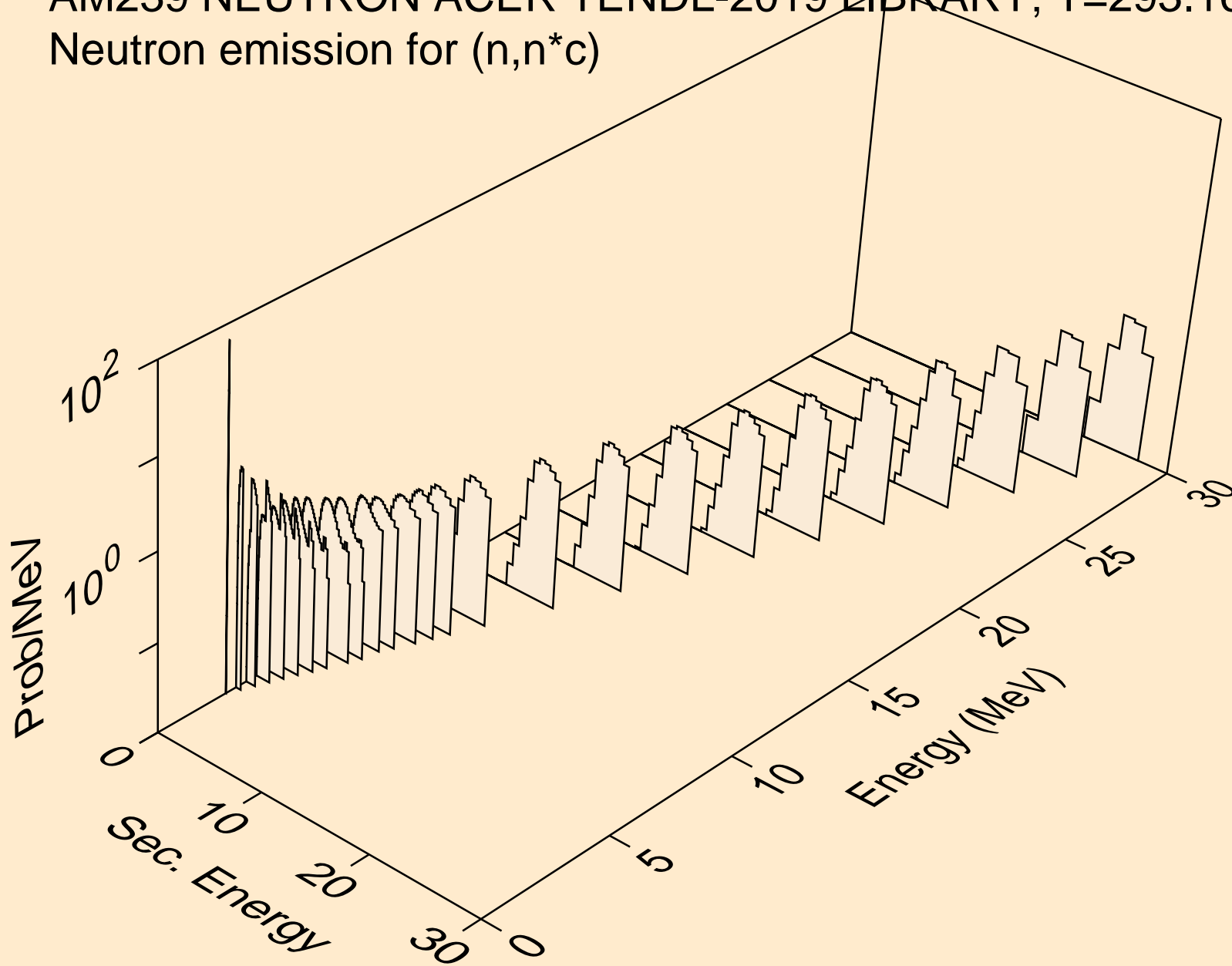
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Neutron emission for (n,2np)



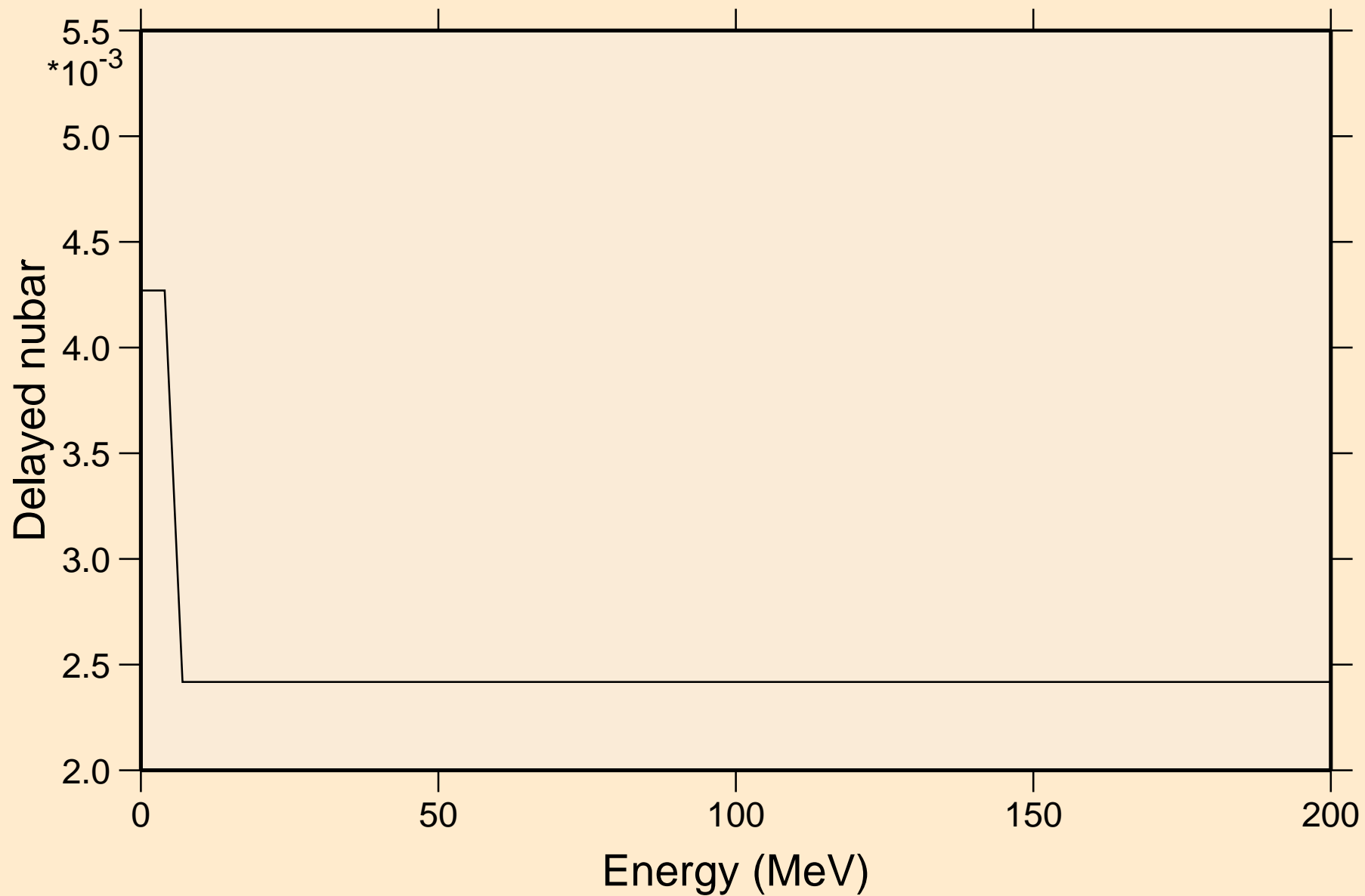
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

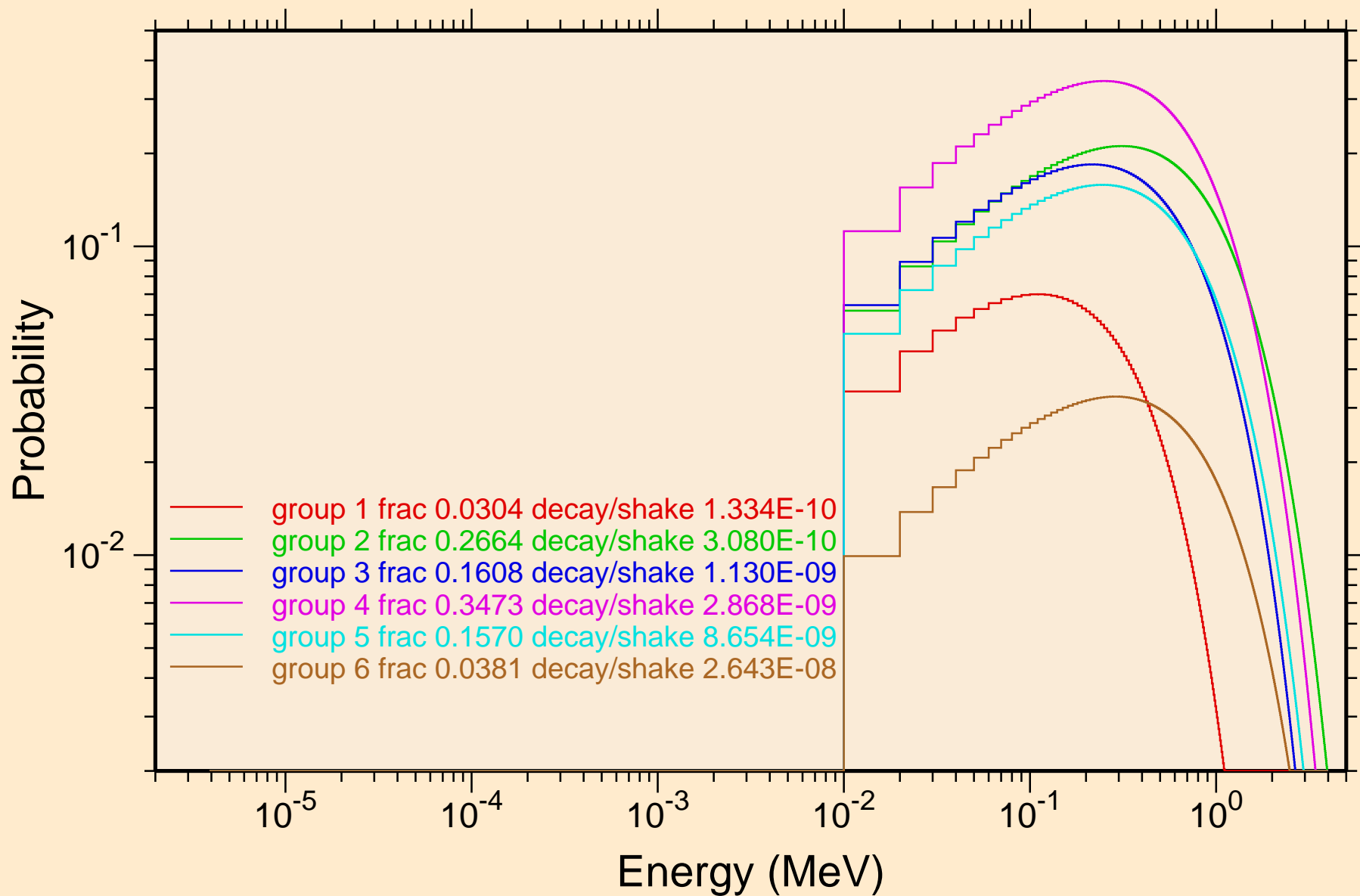


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

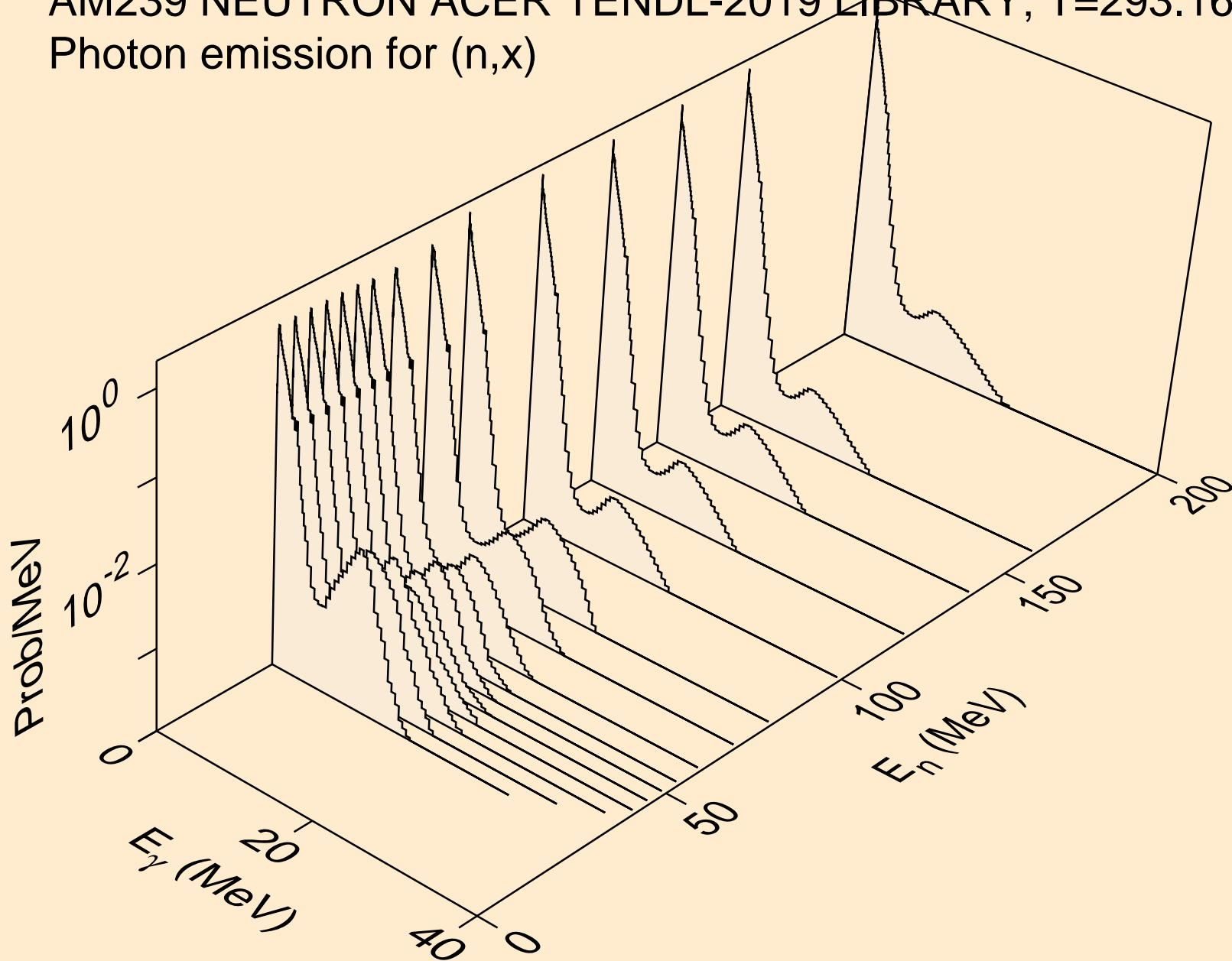


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

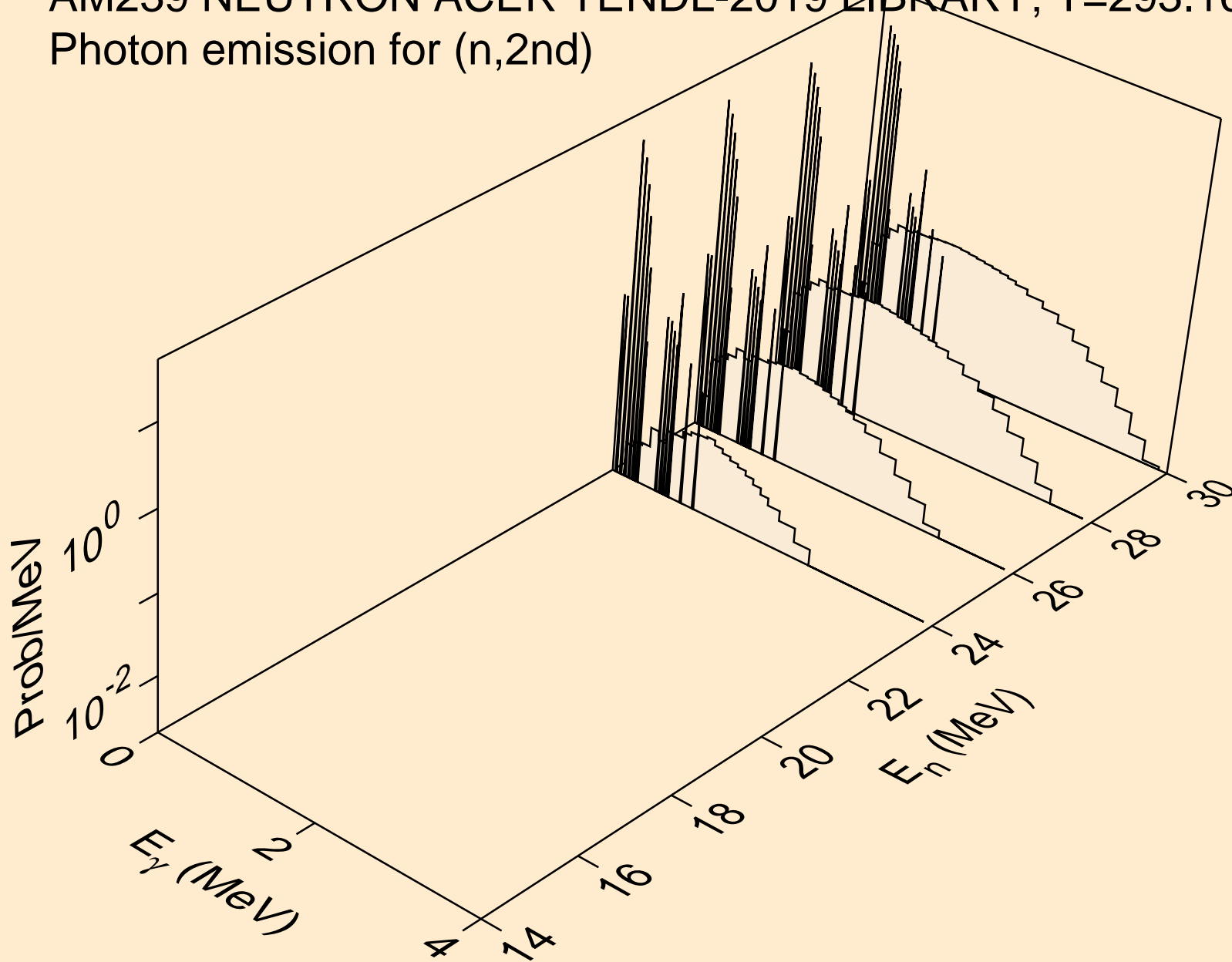
Delayed neutron spectra



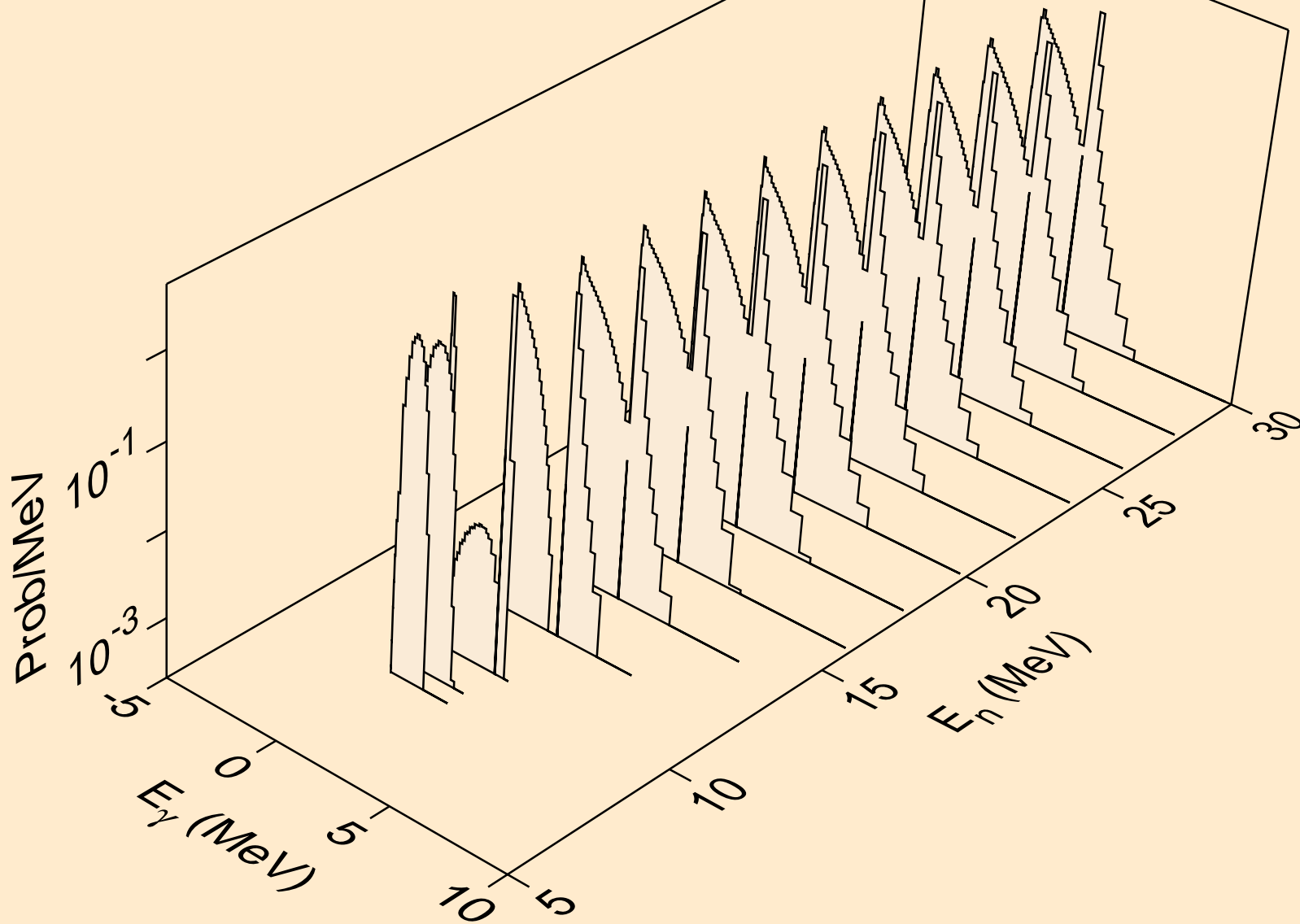
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



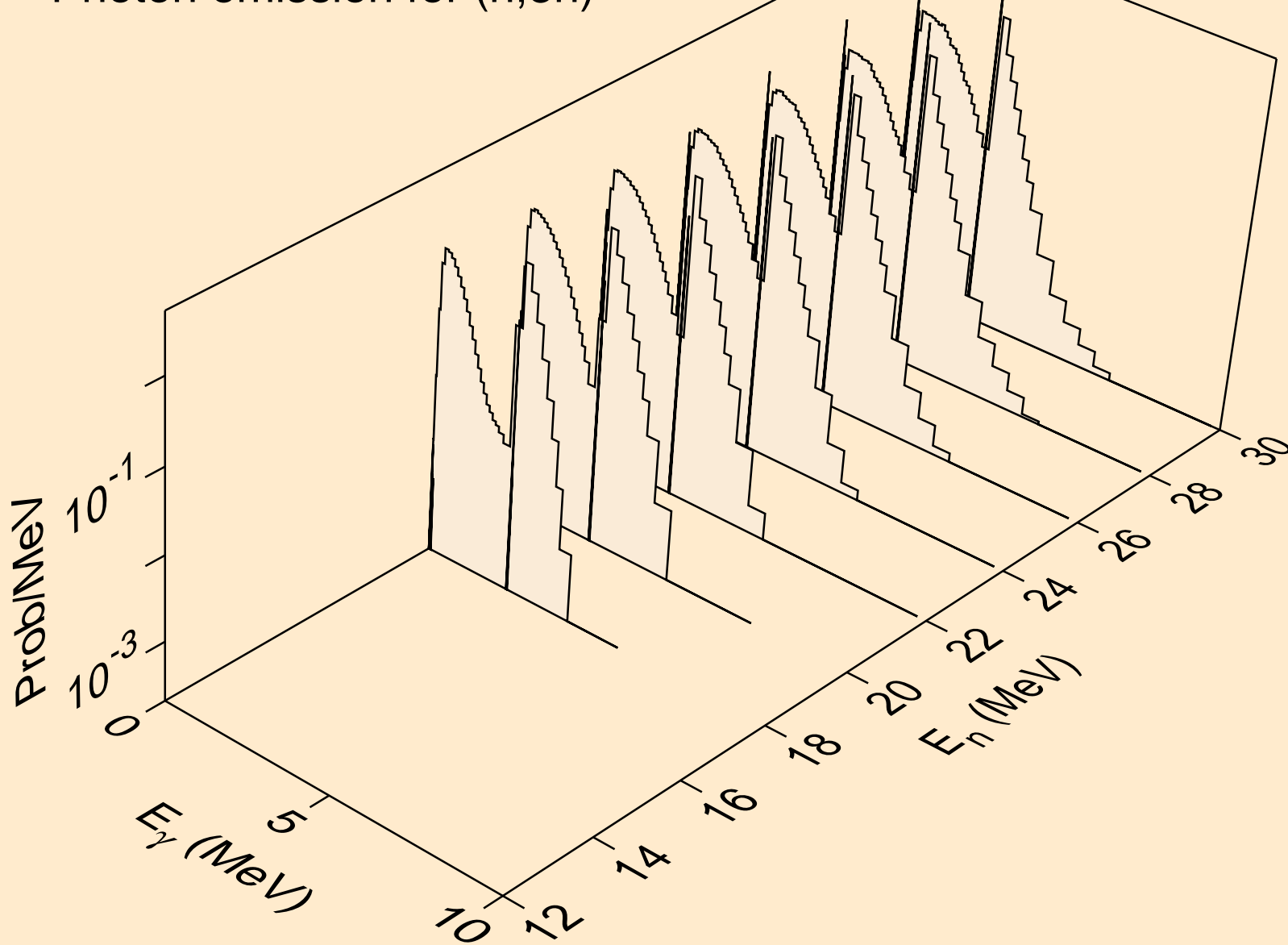
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



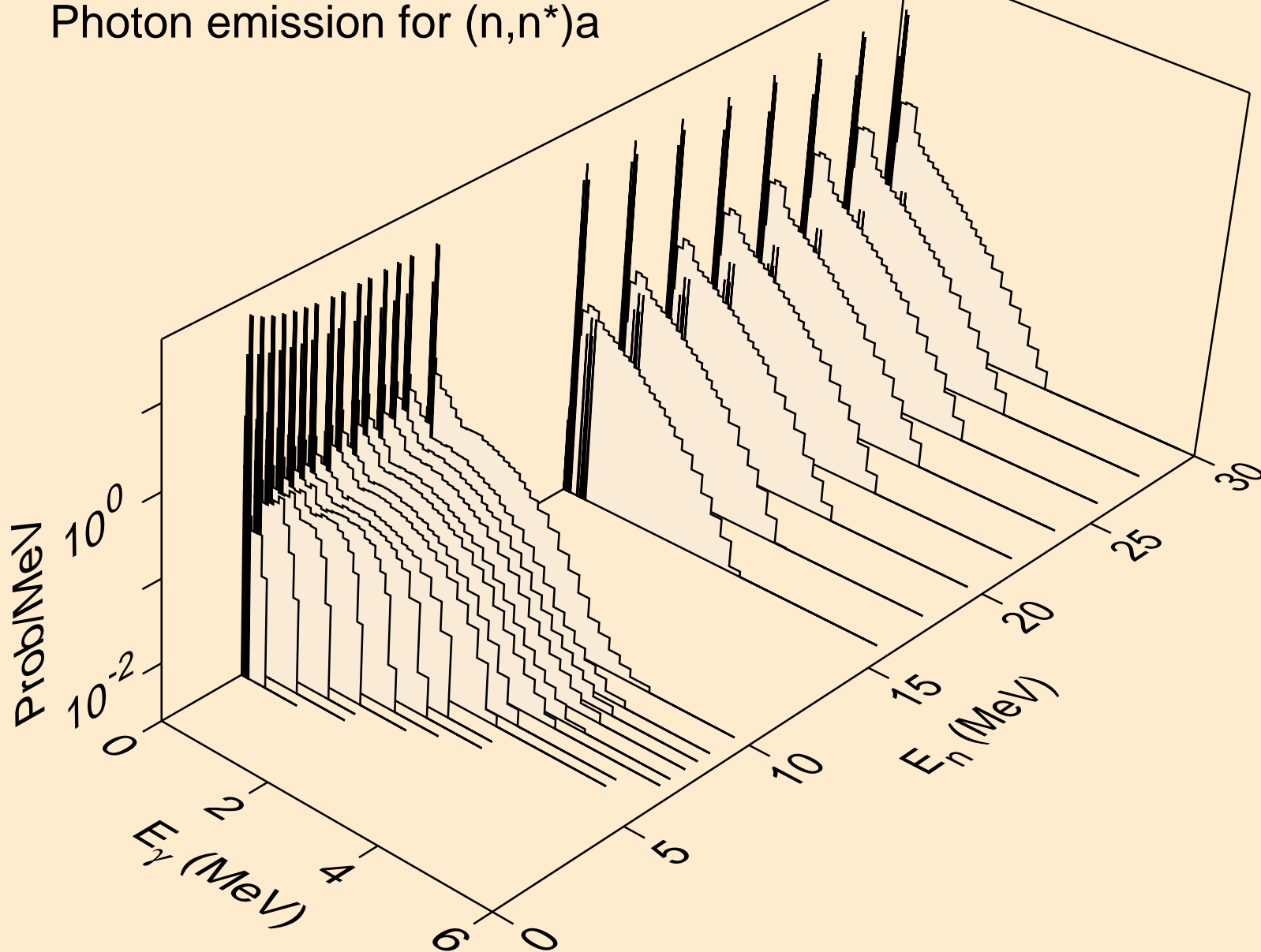
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



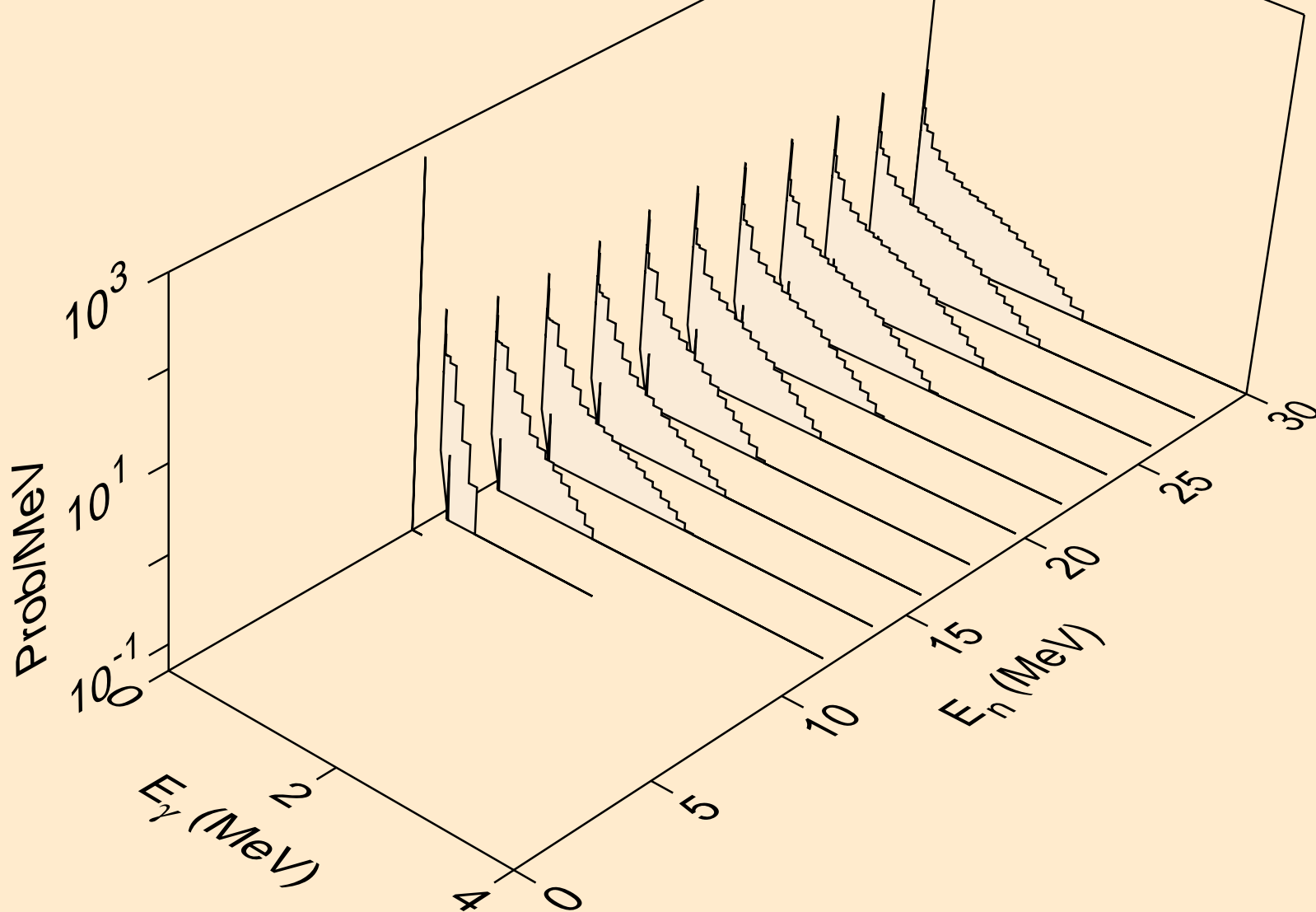
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



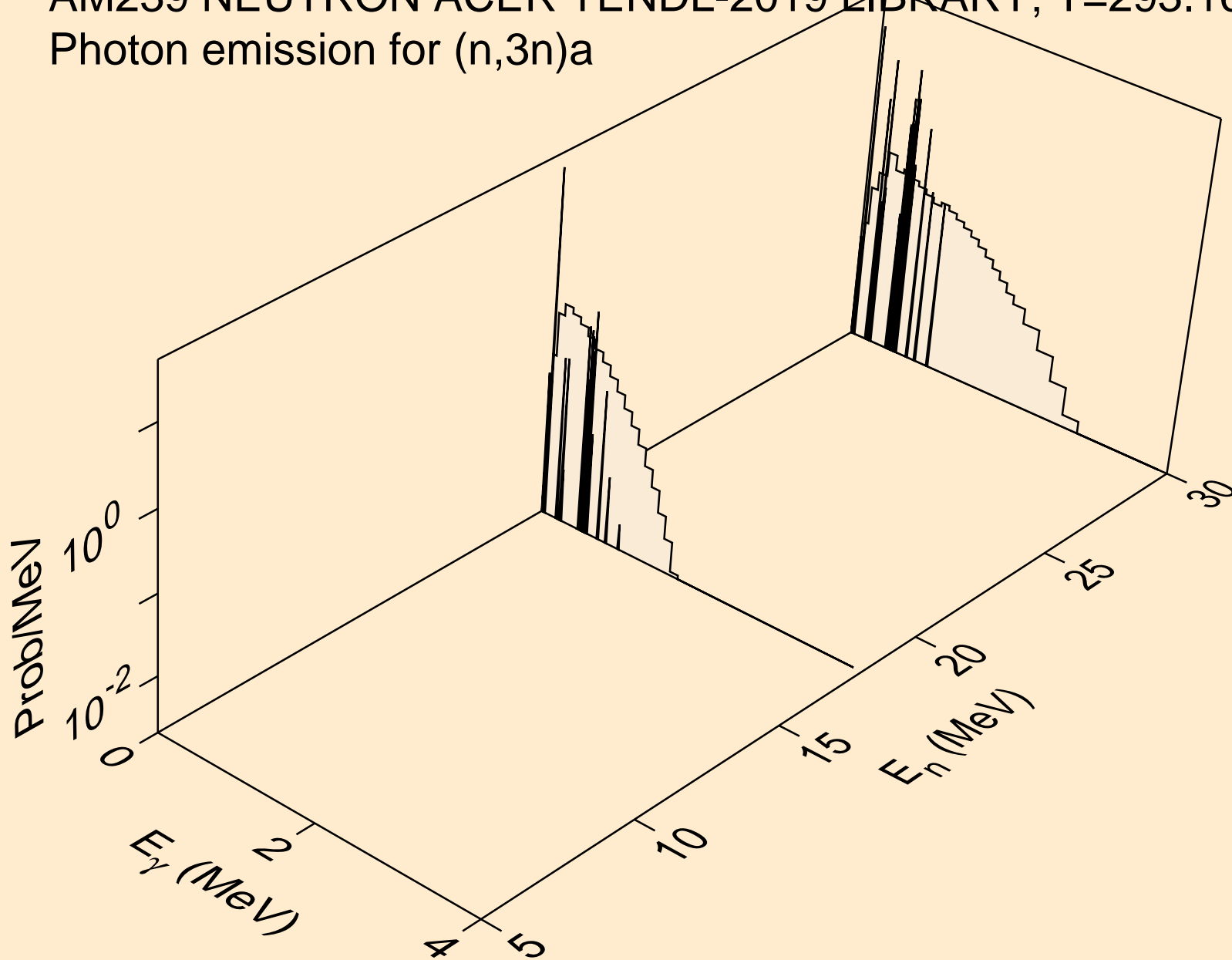
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



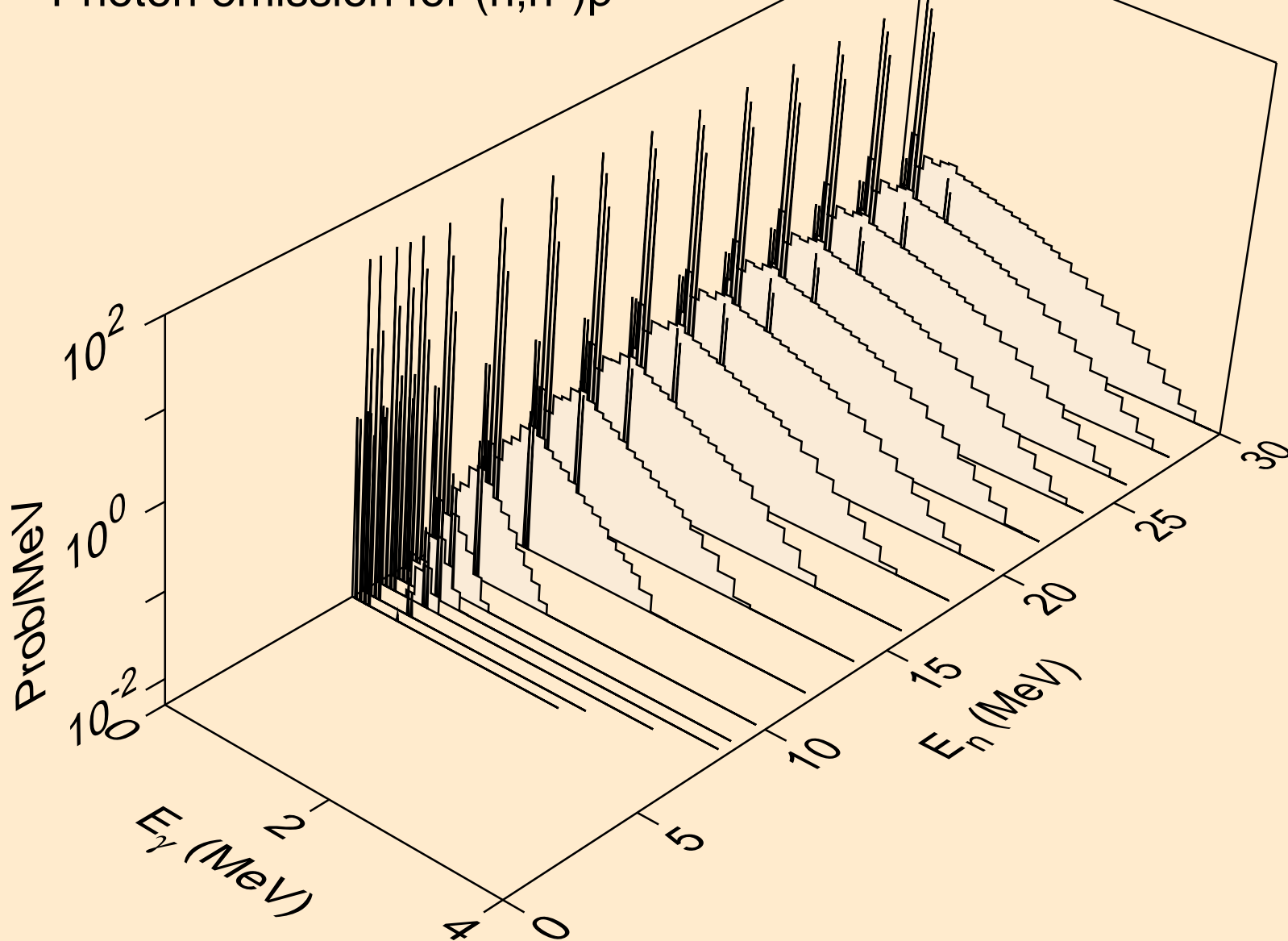
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



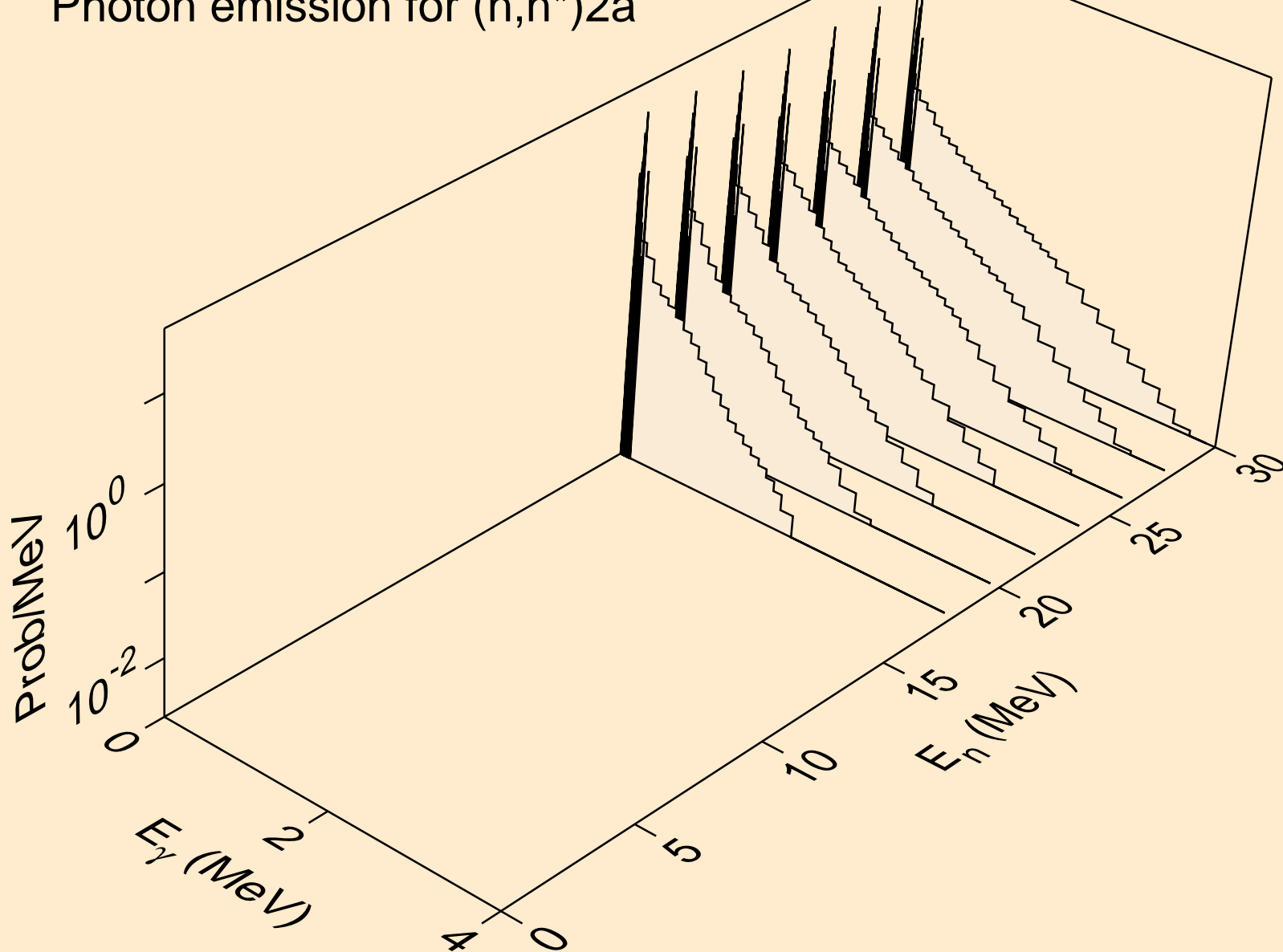
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



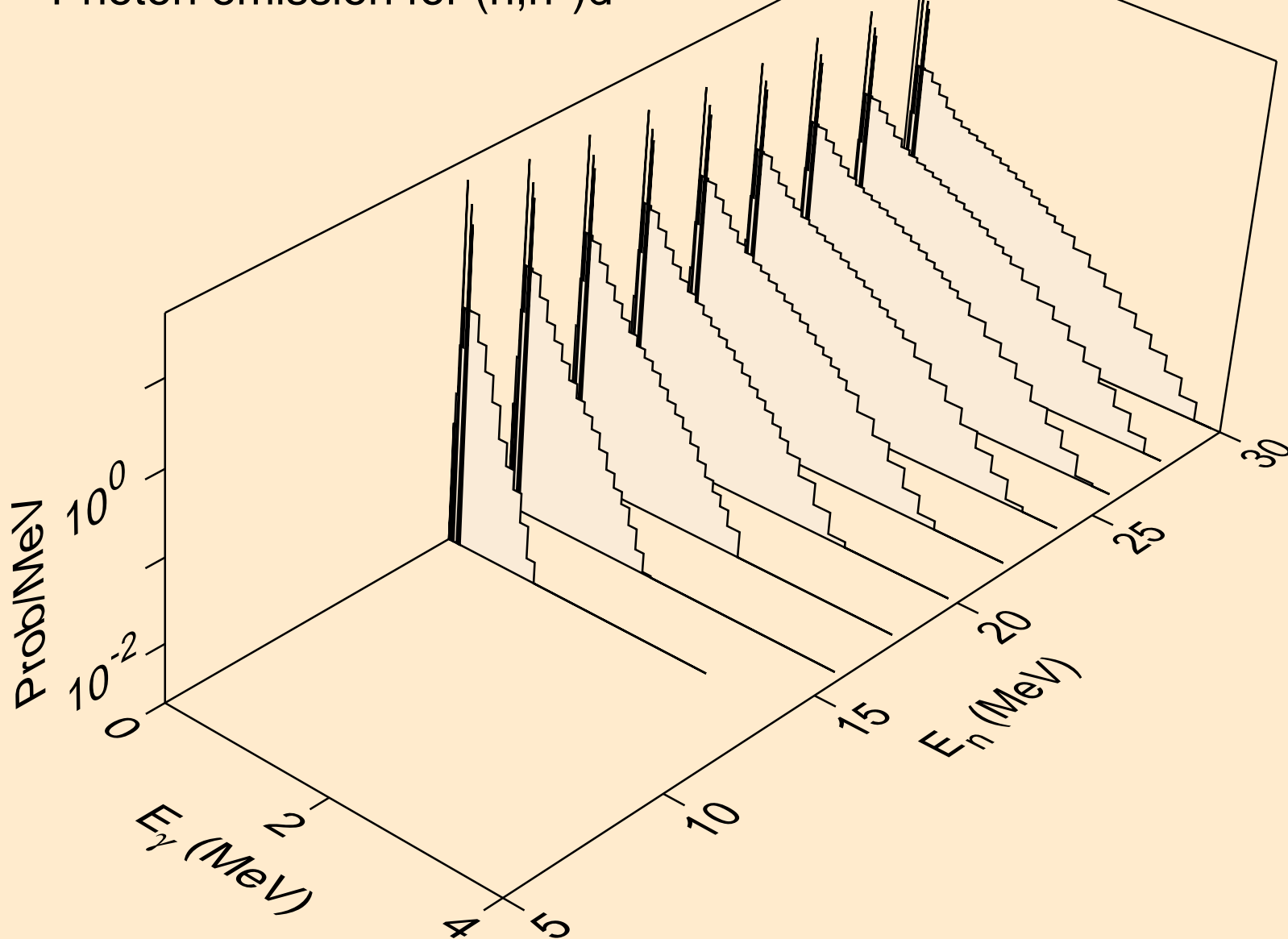
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



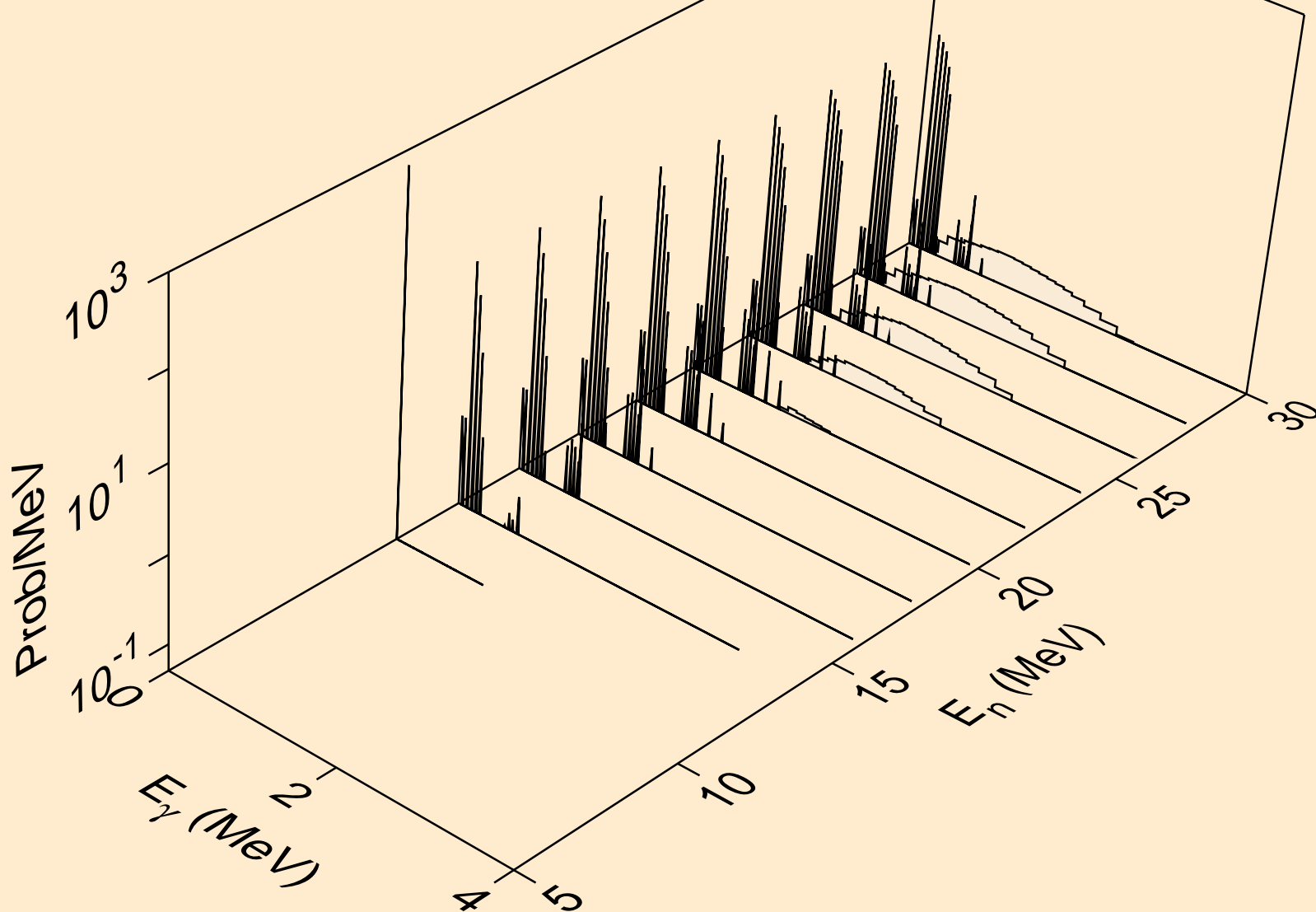
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



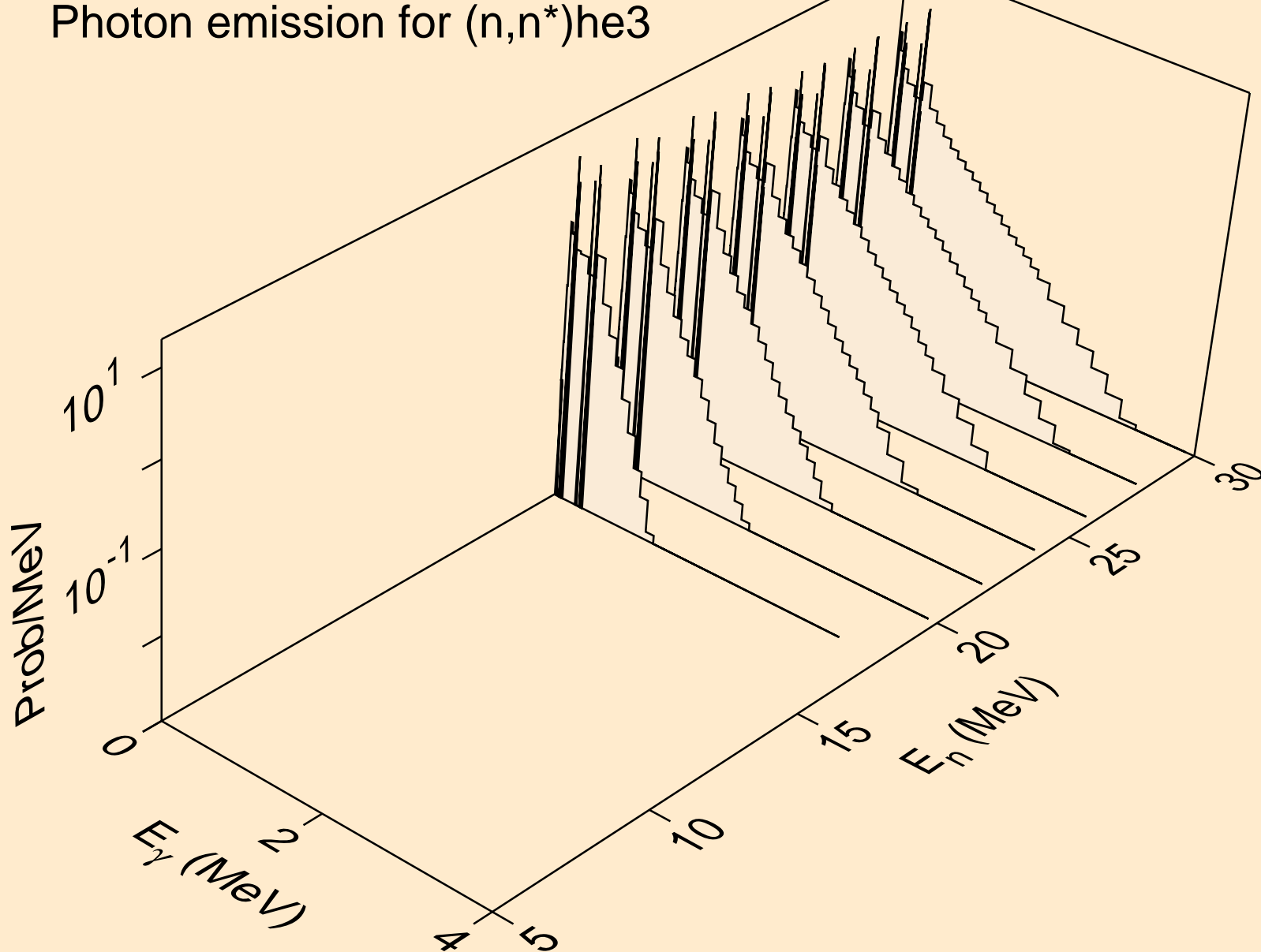
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



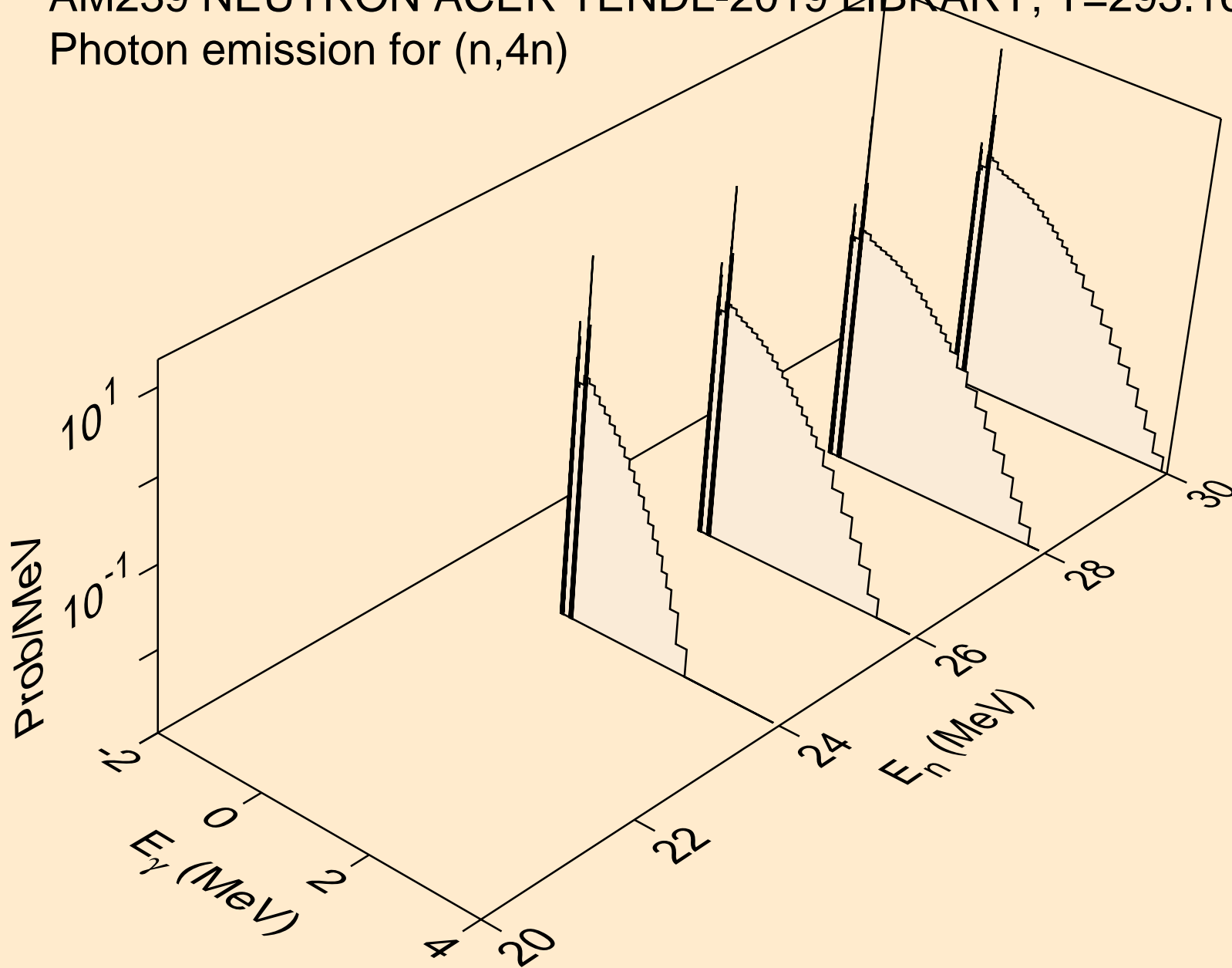
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



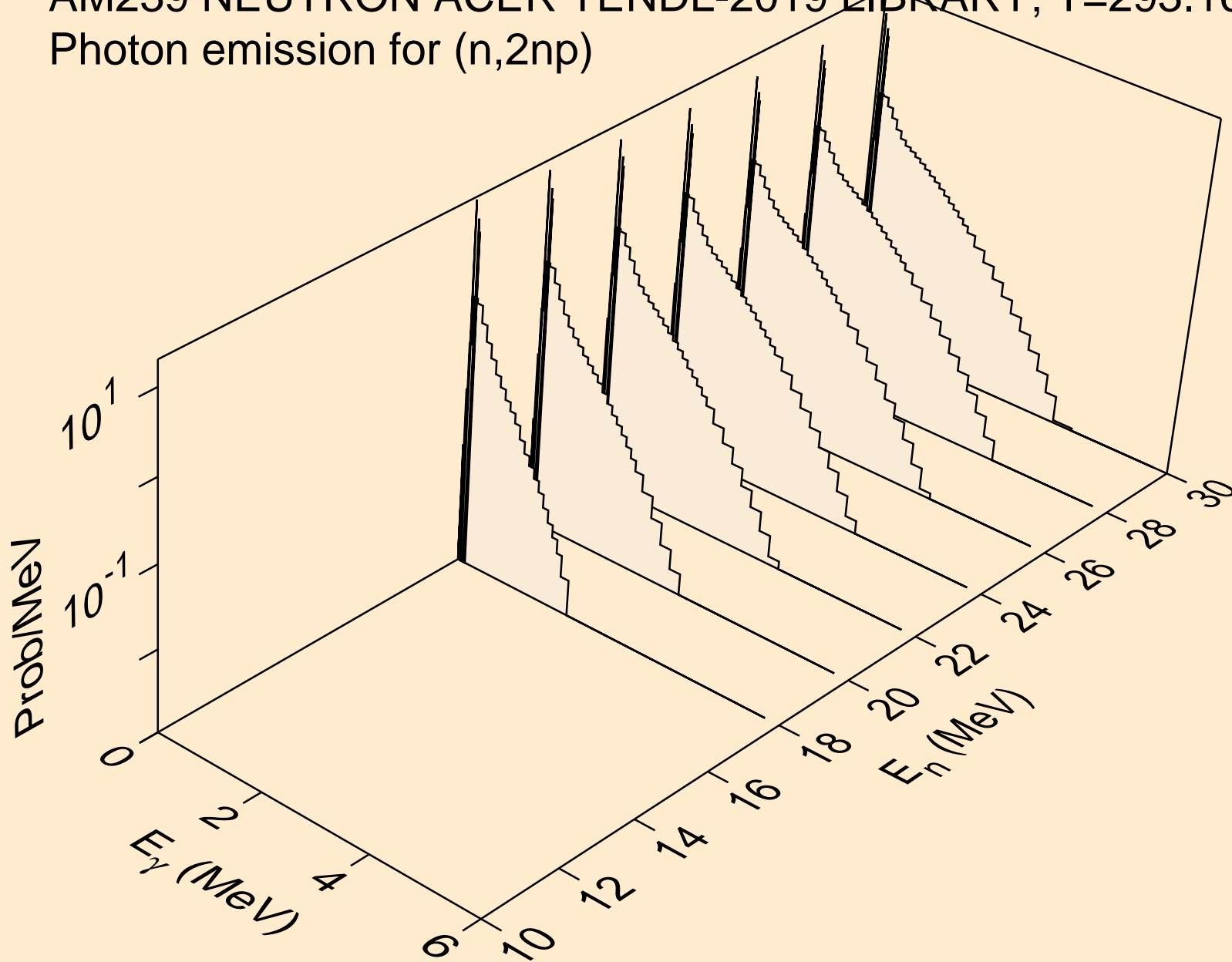
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



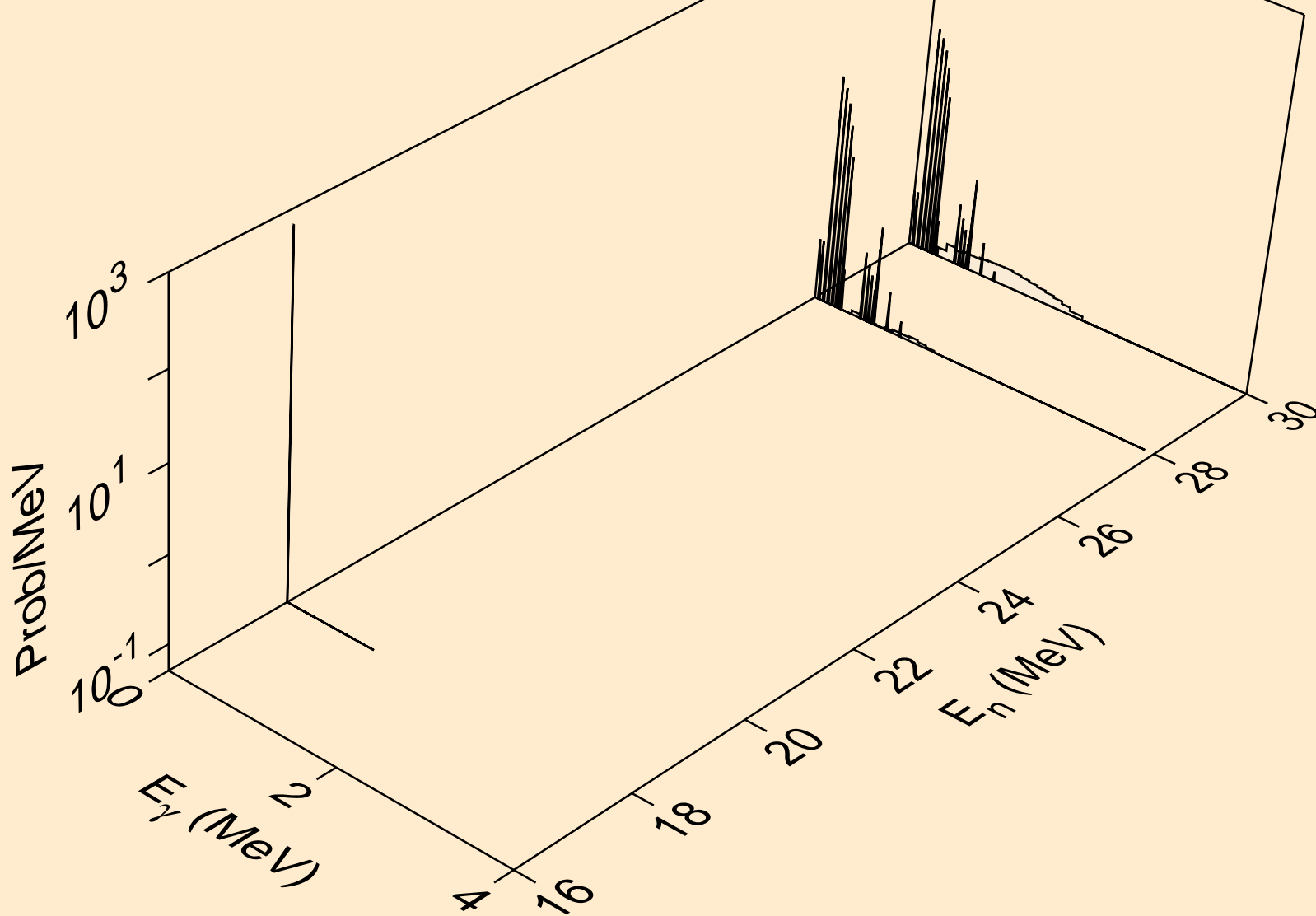
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



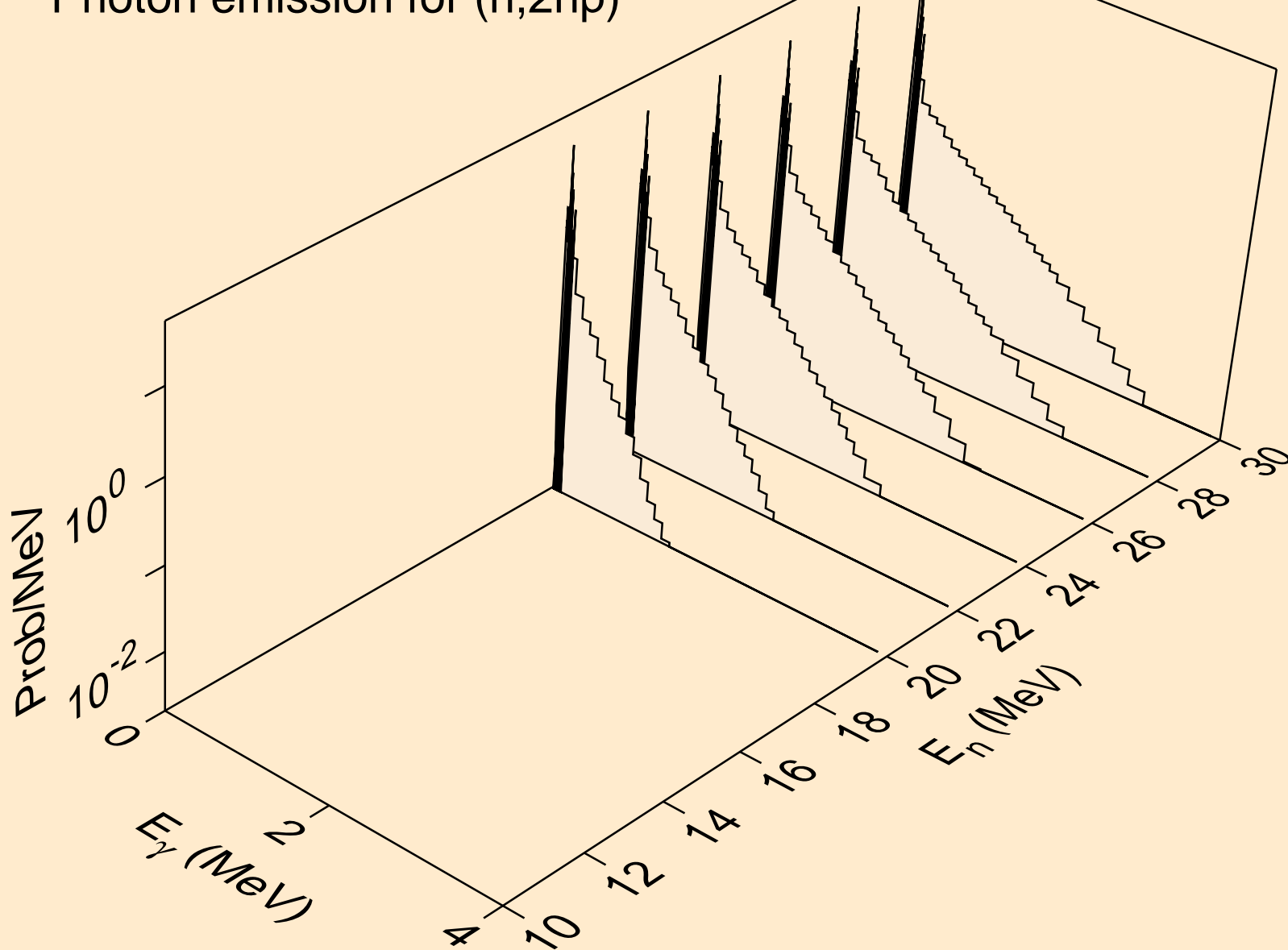
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



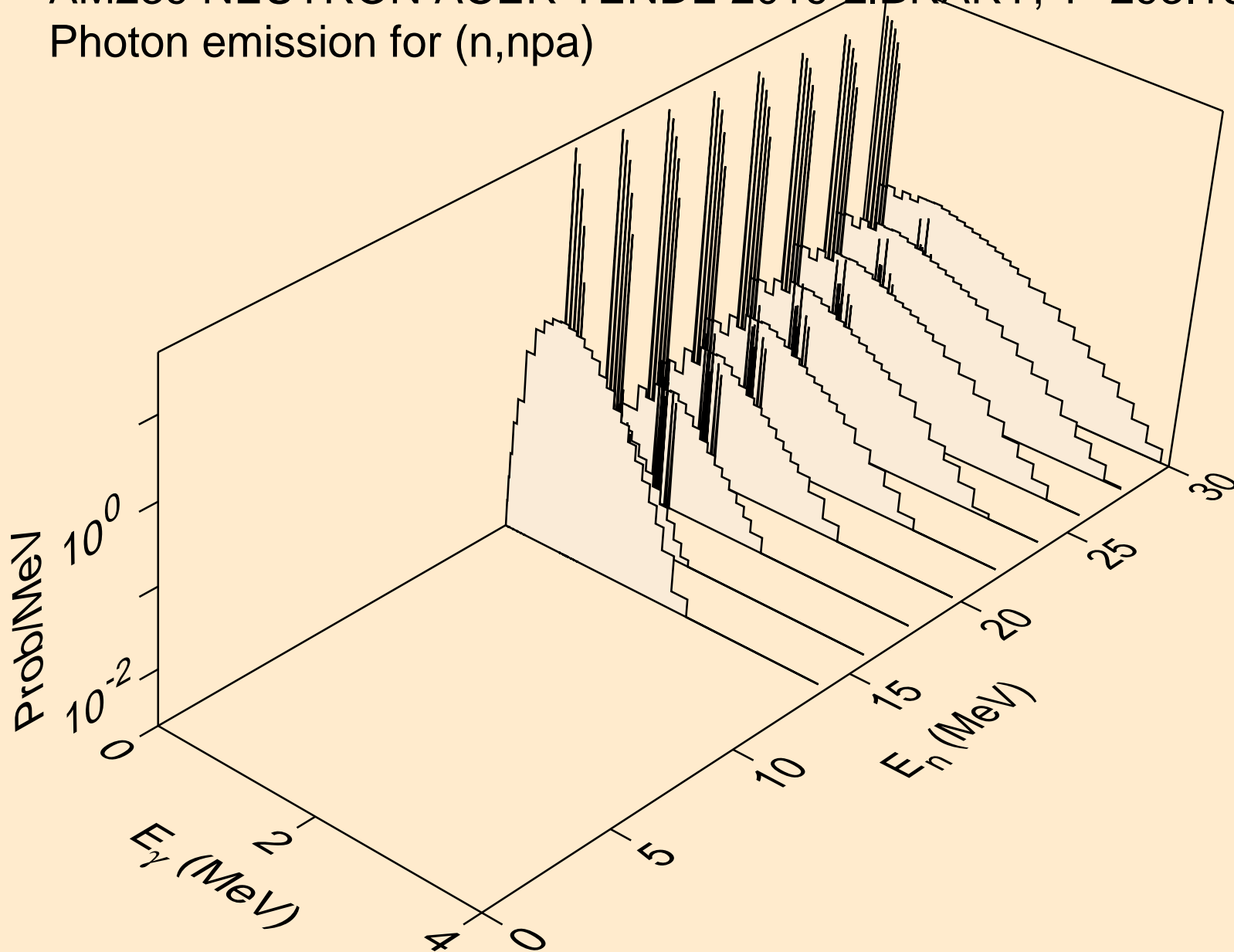
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



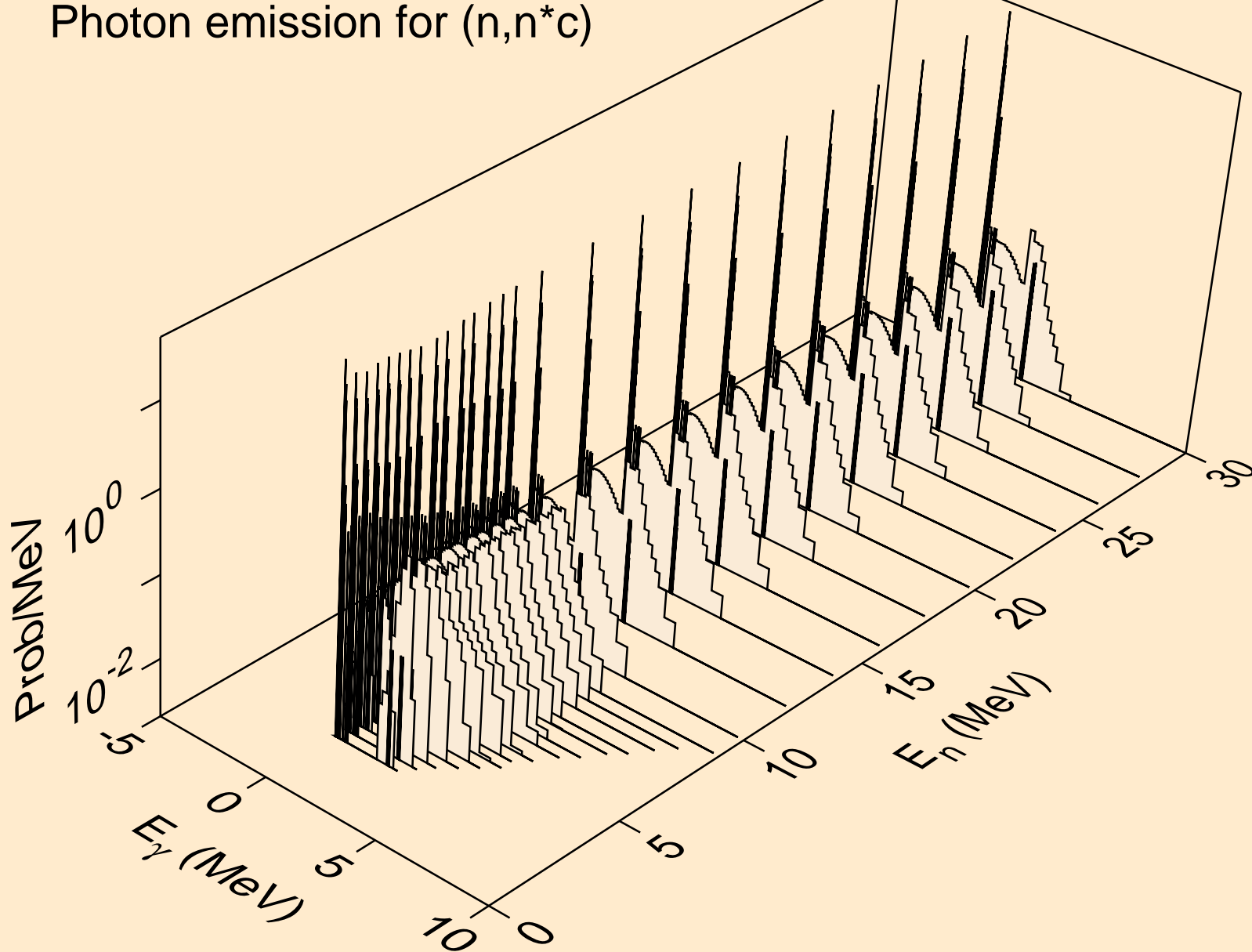
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



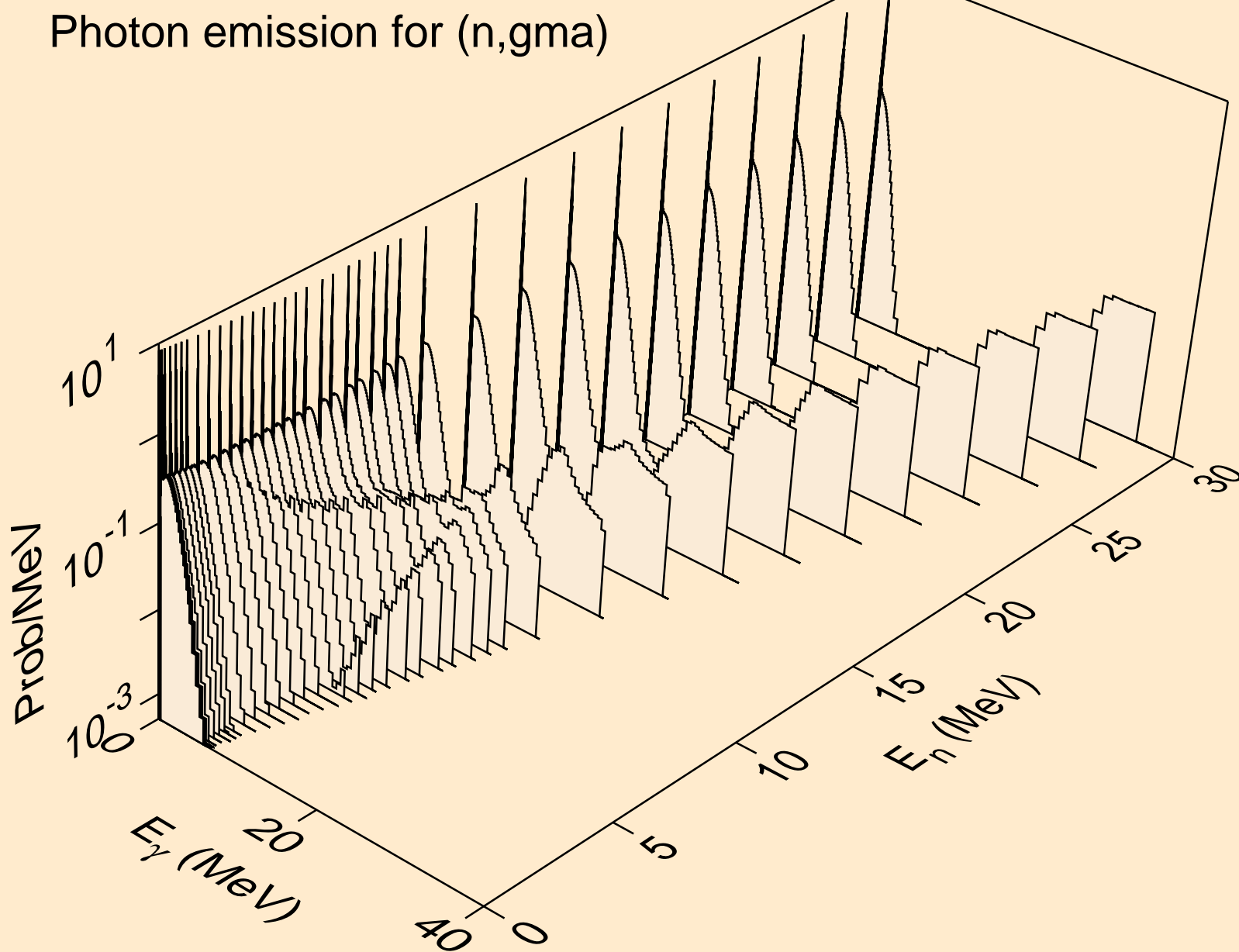
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



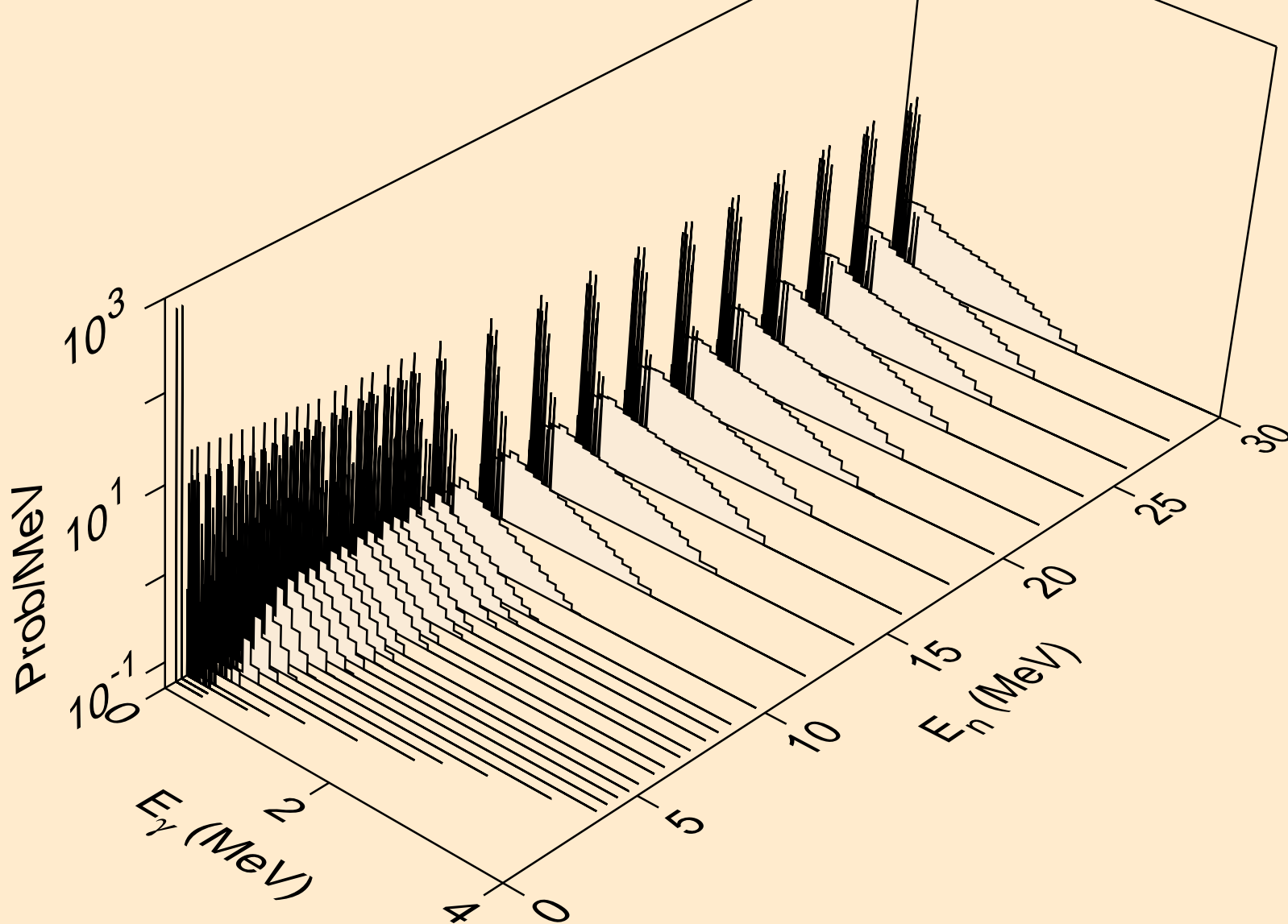
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



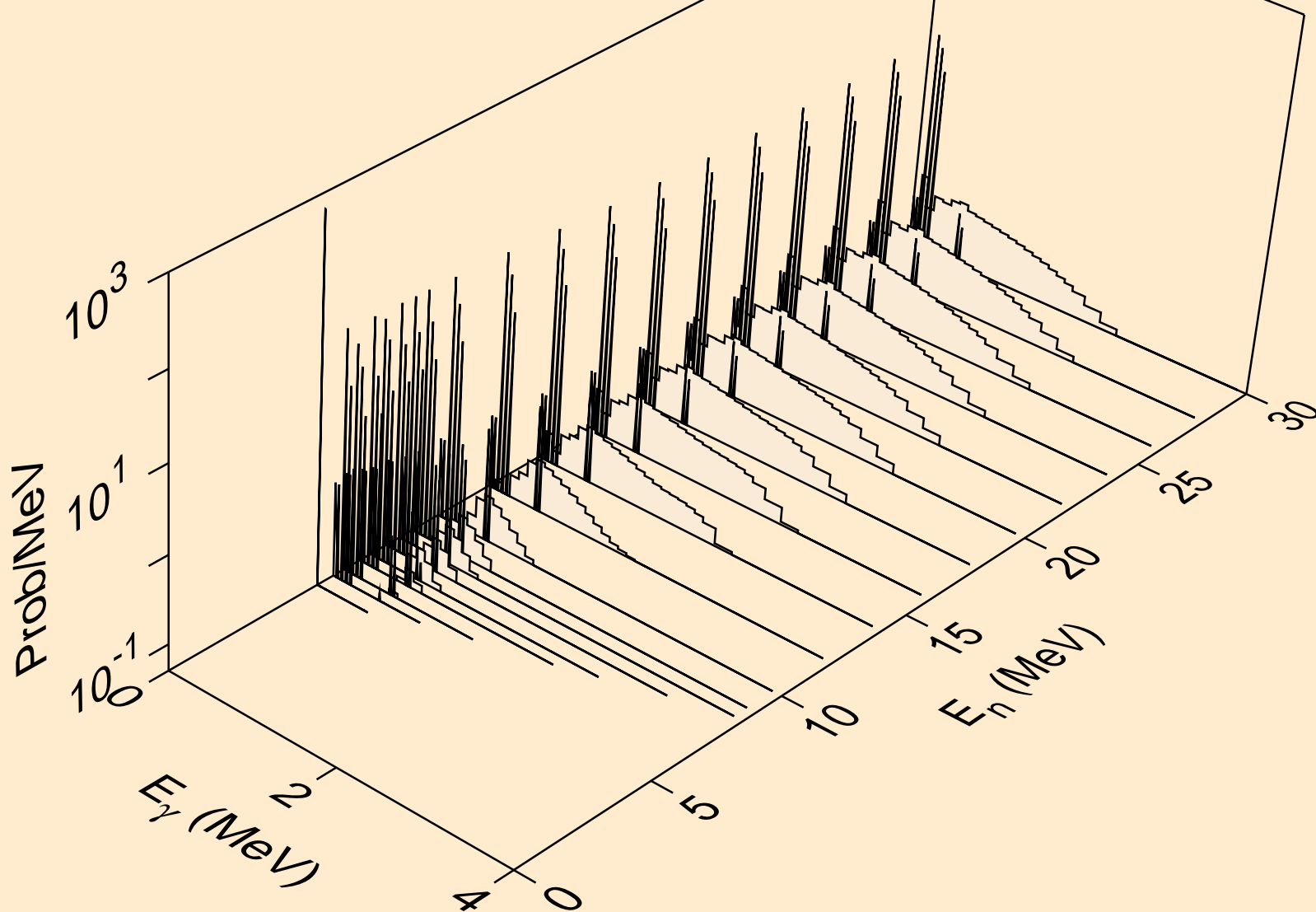
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



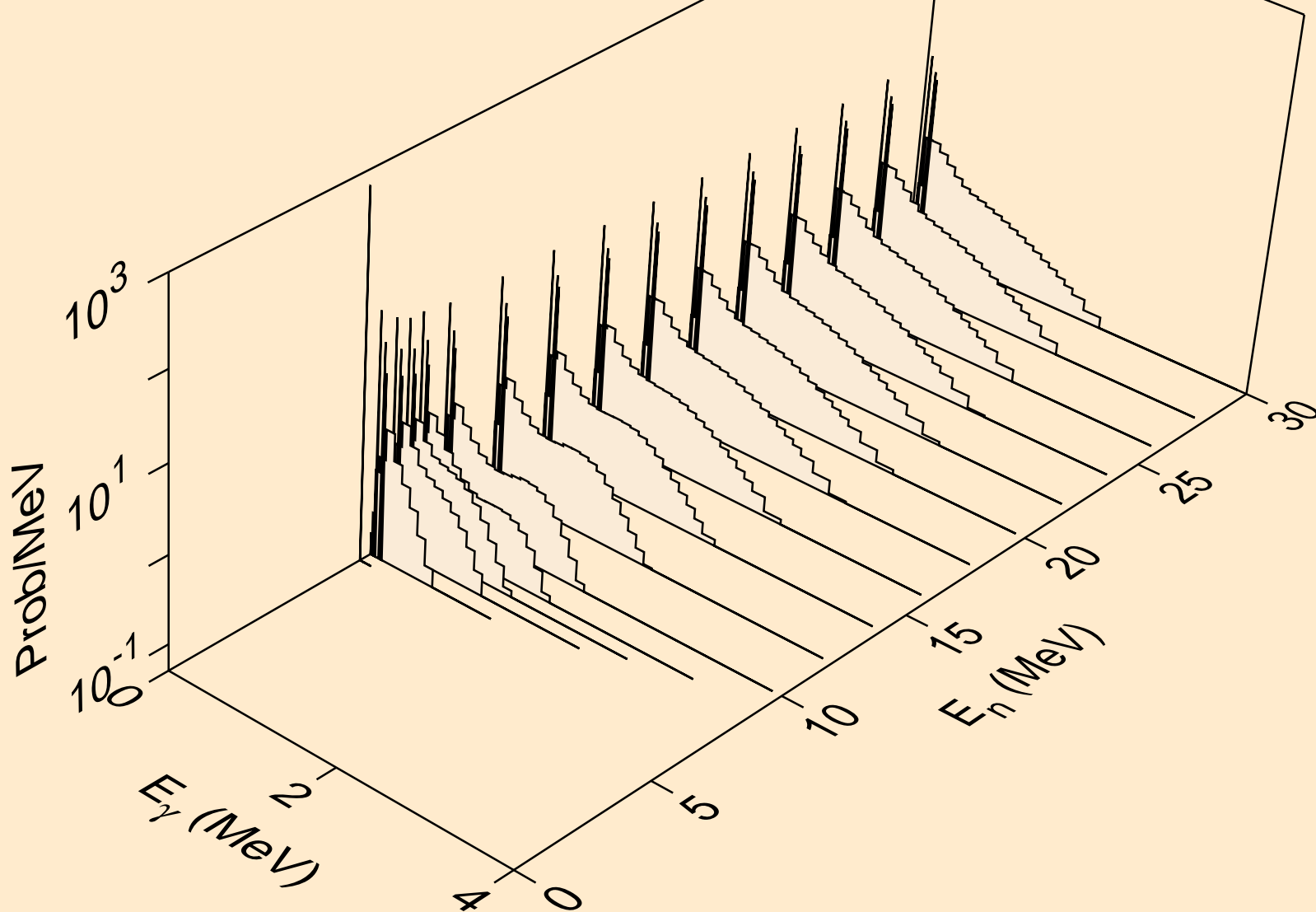
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



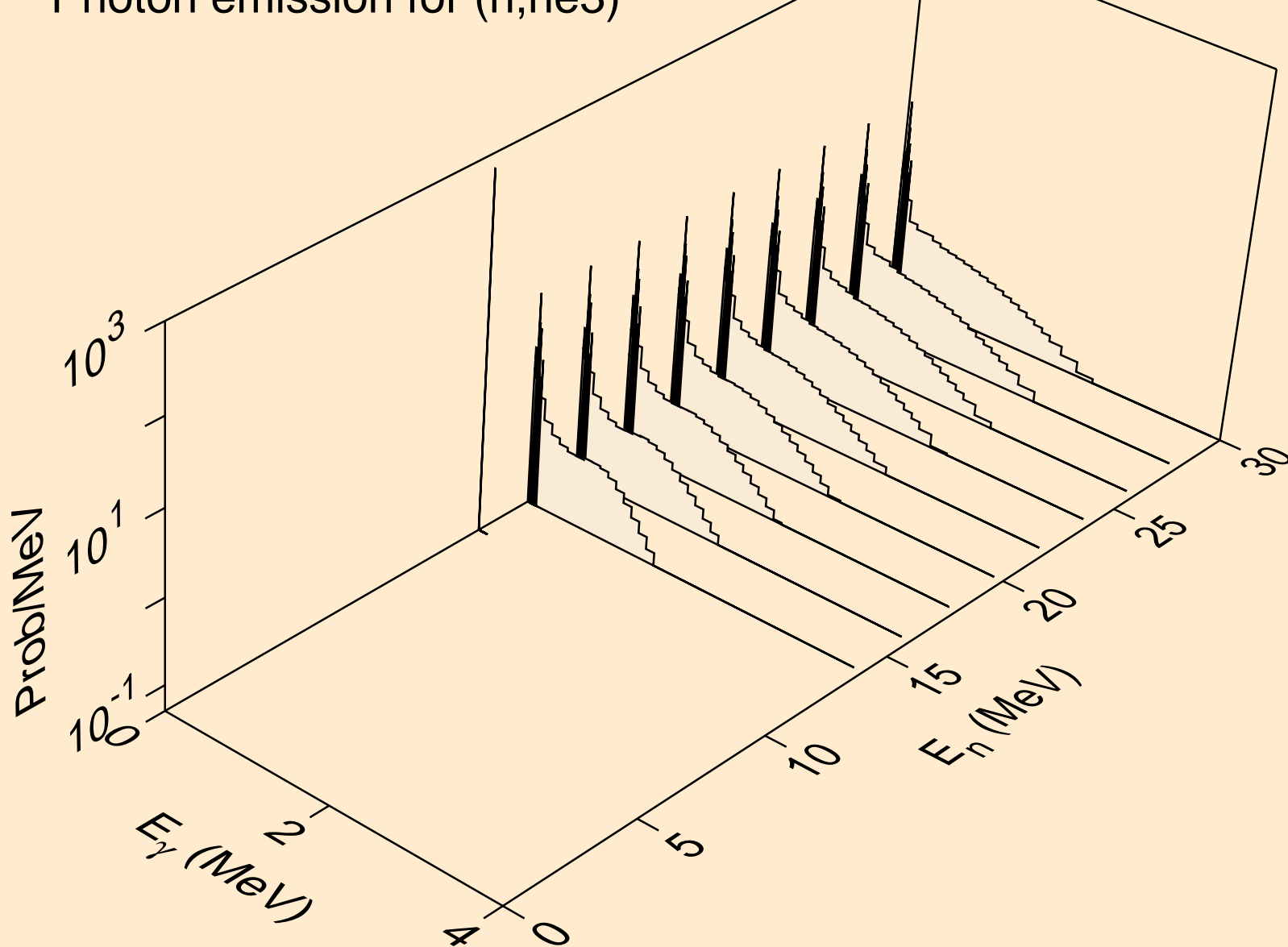
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



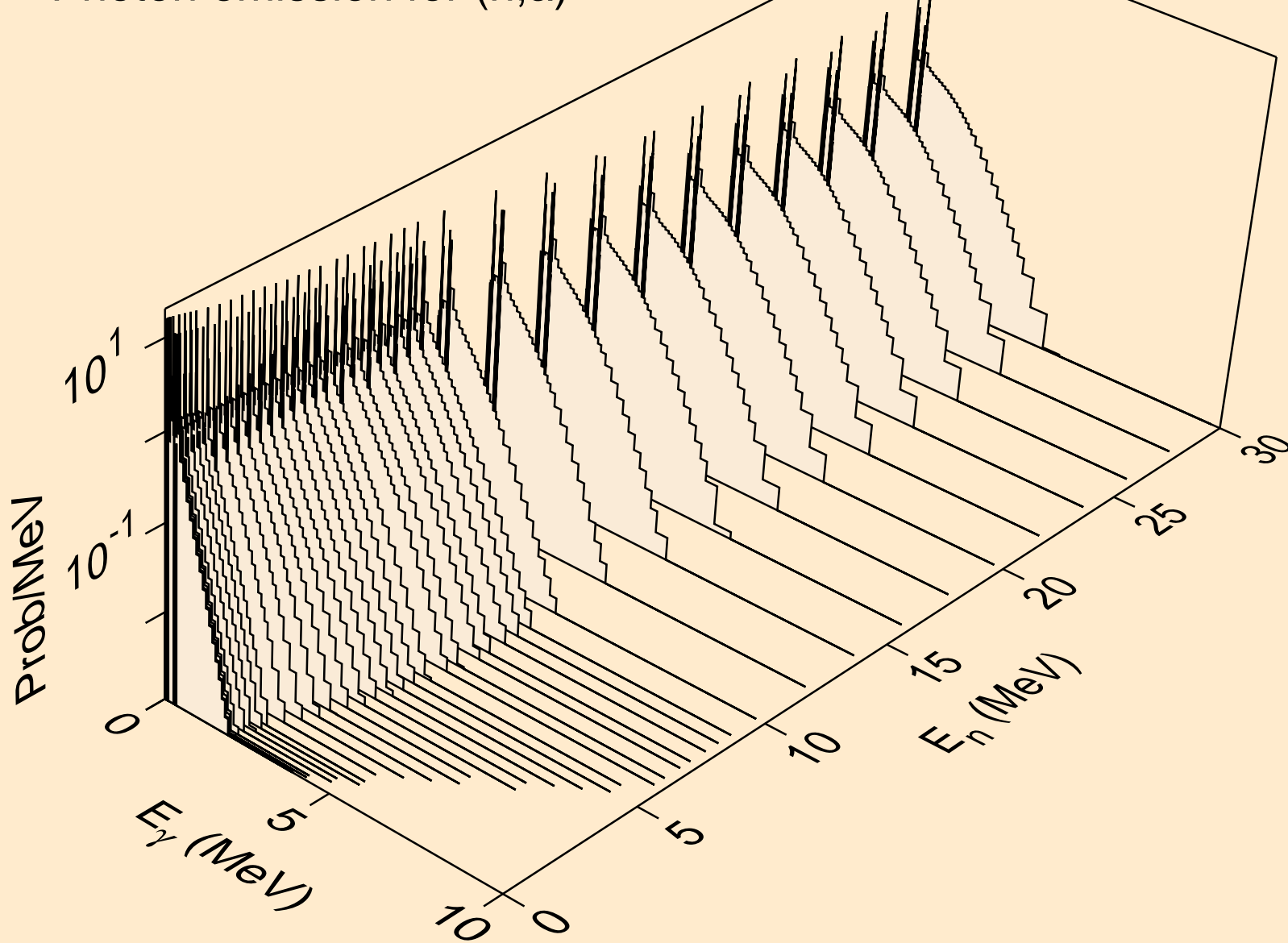
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



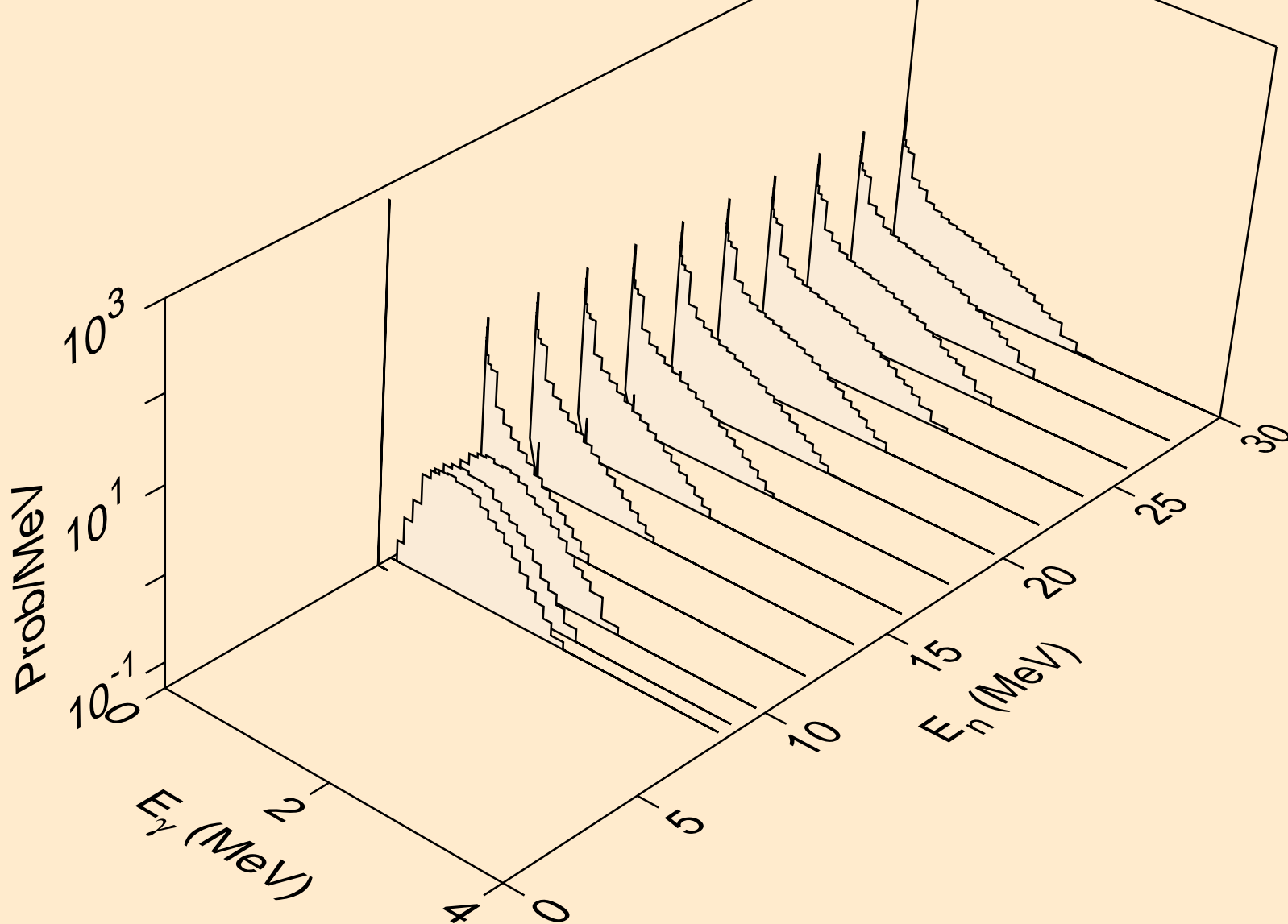
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



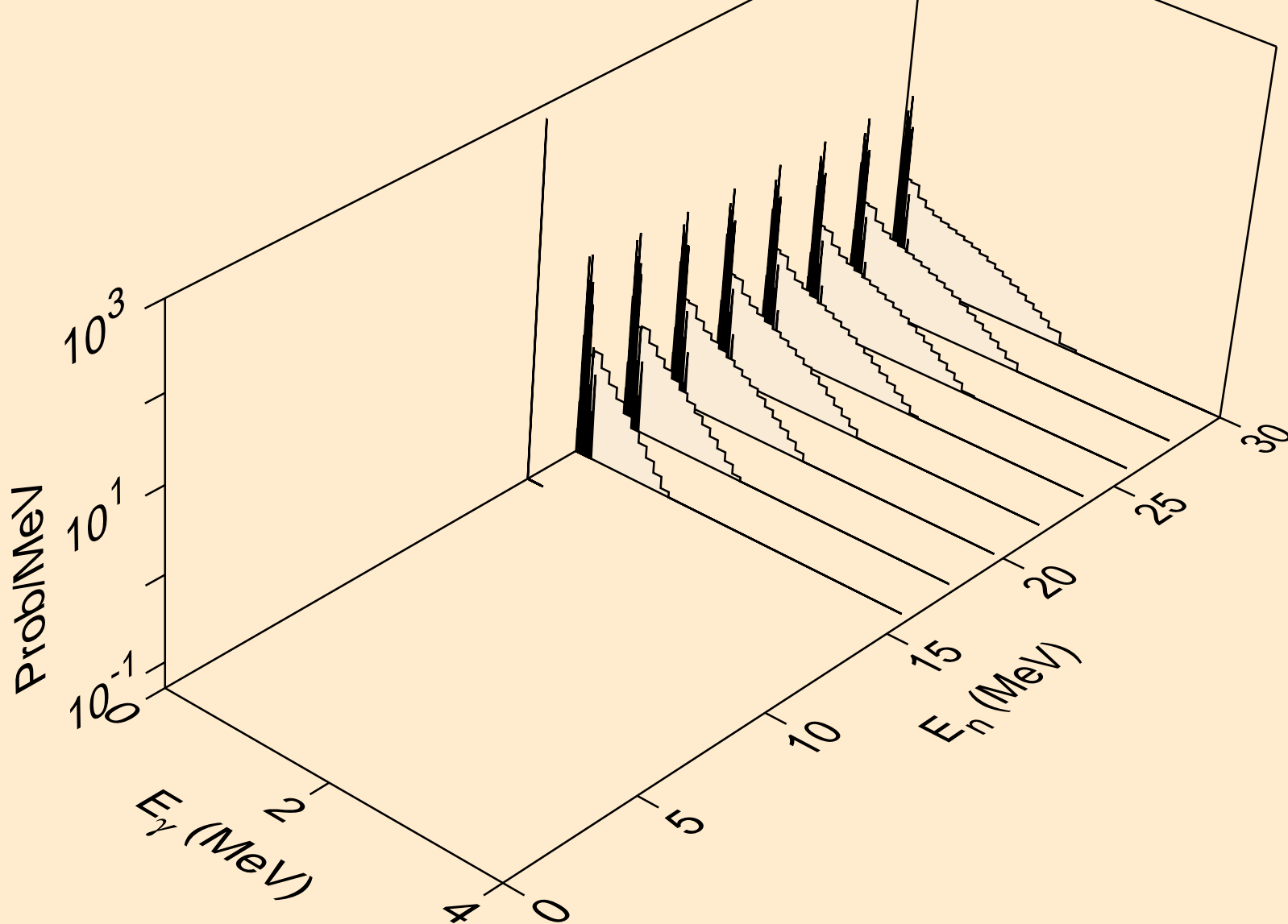
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



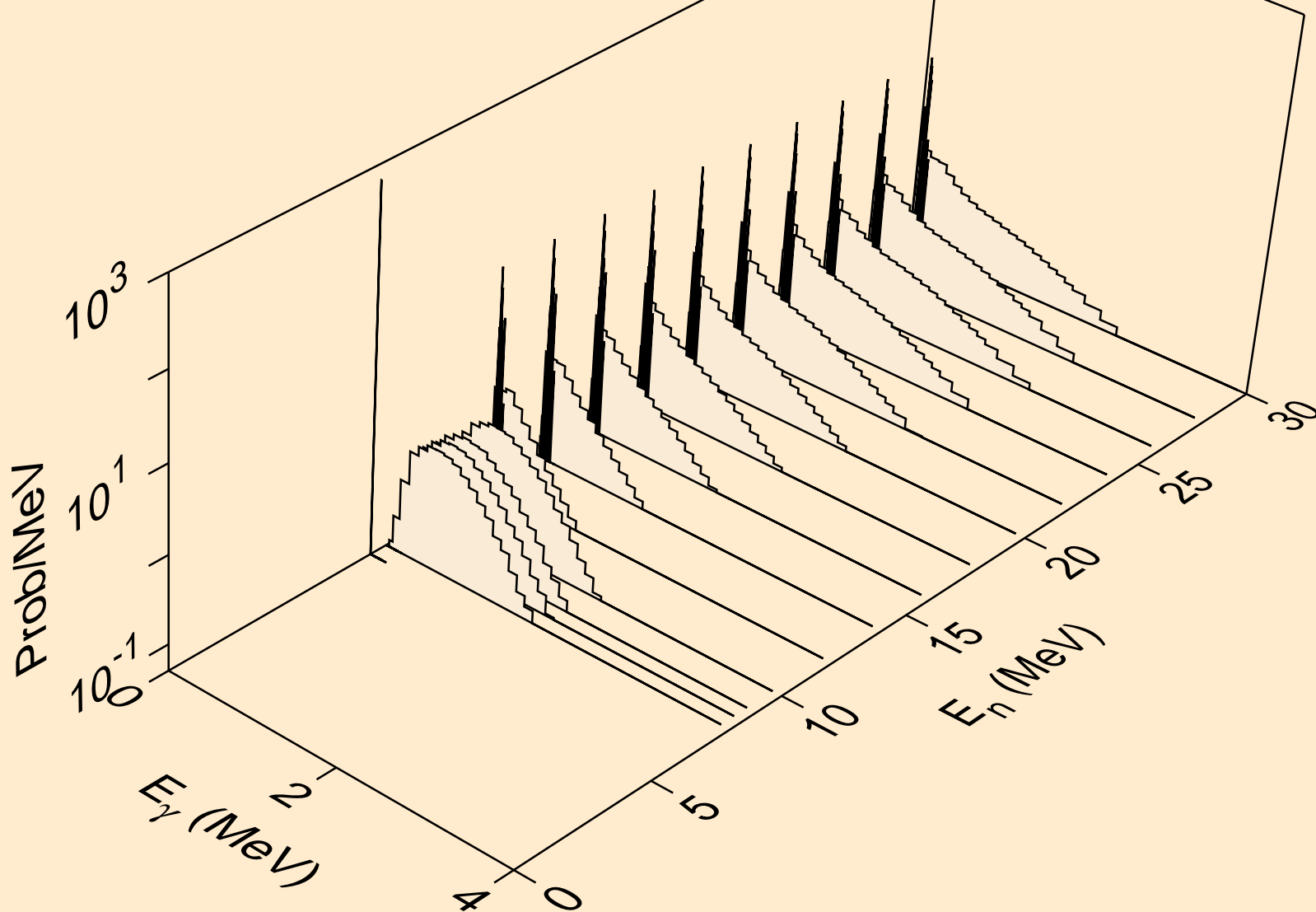
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



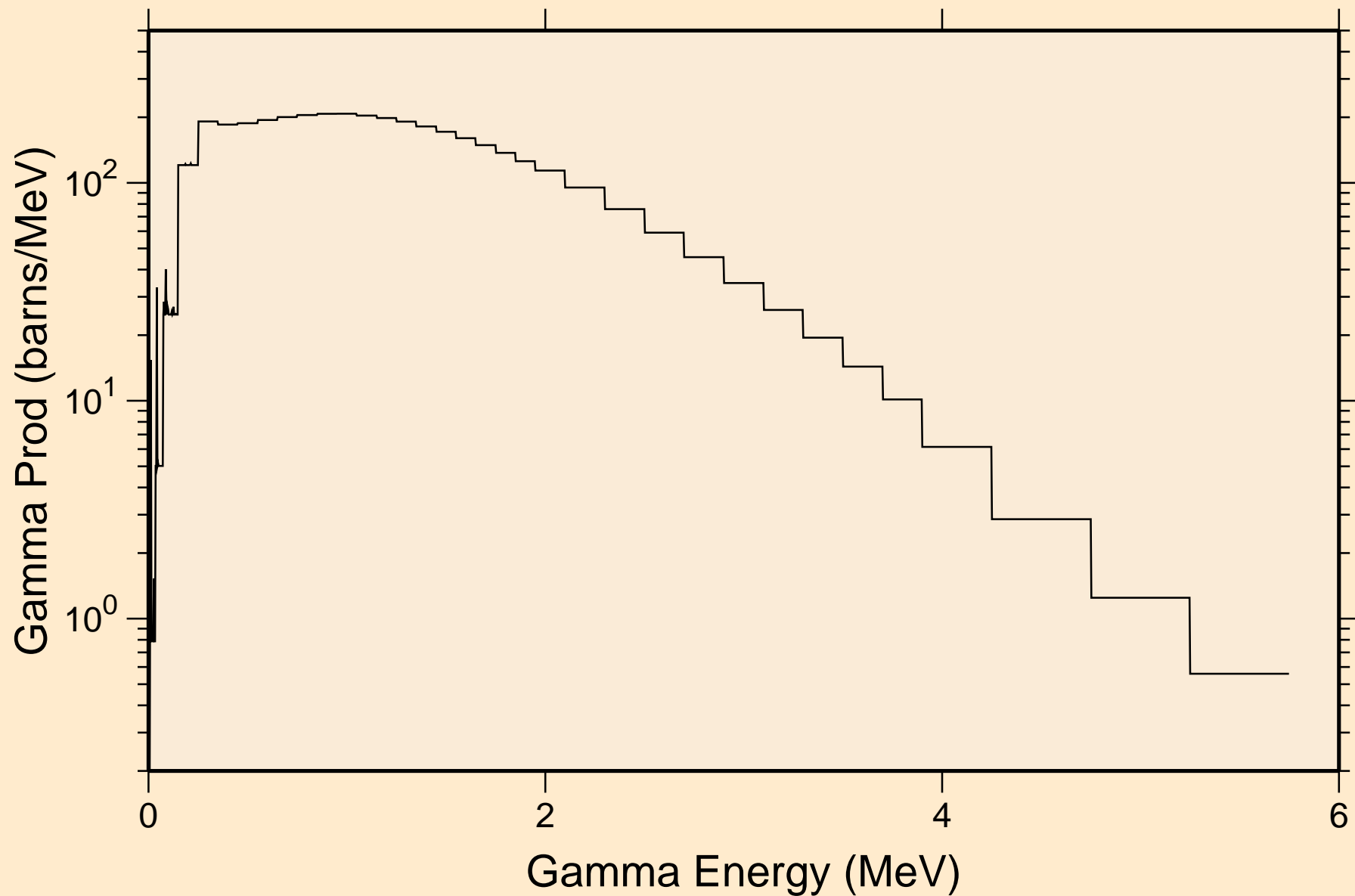
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



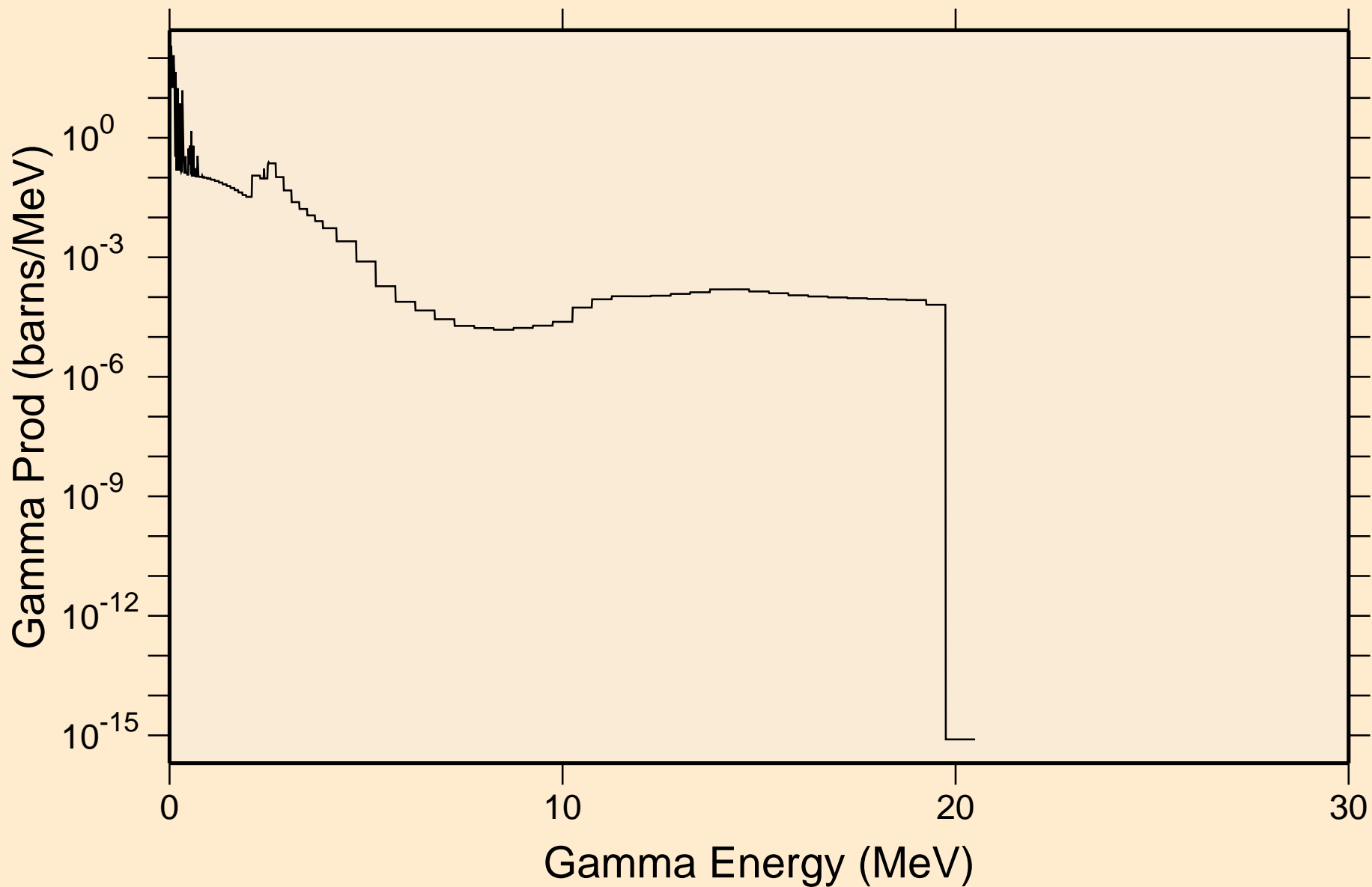
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

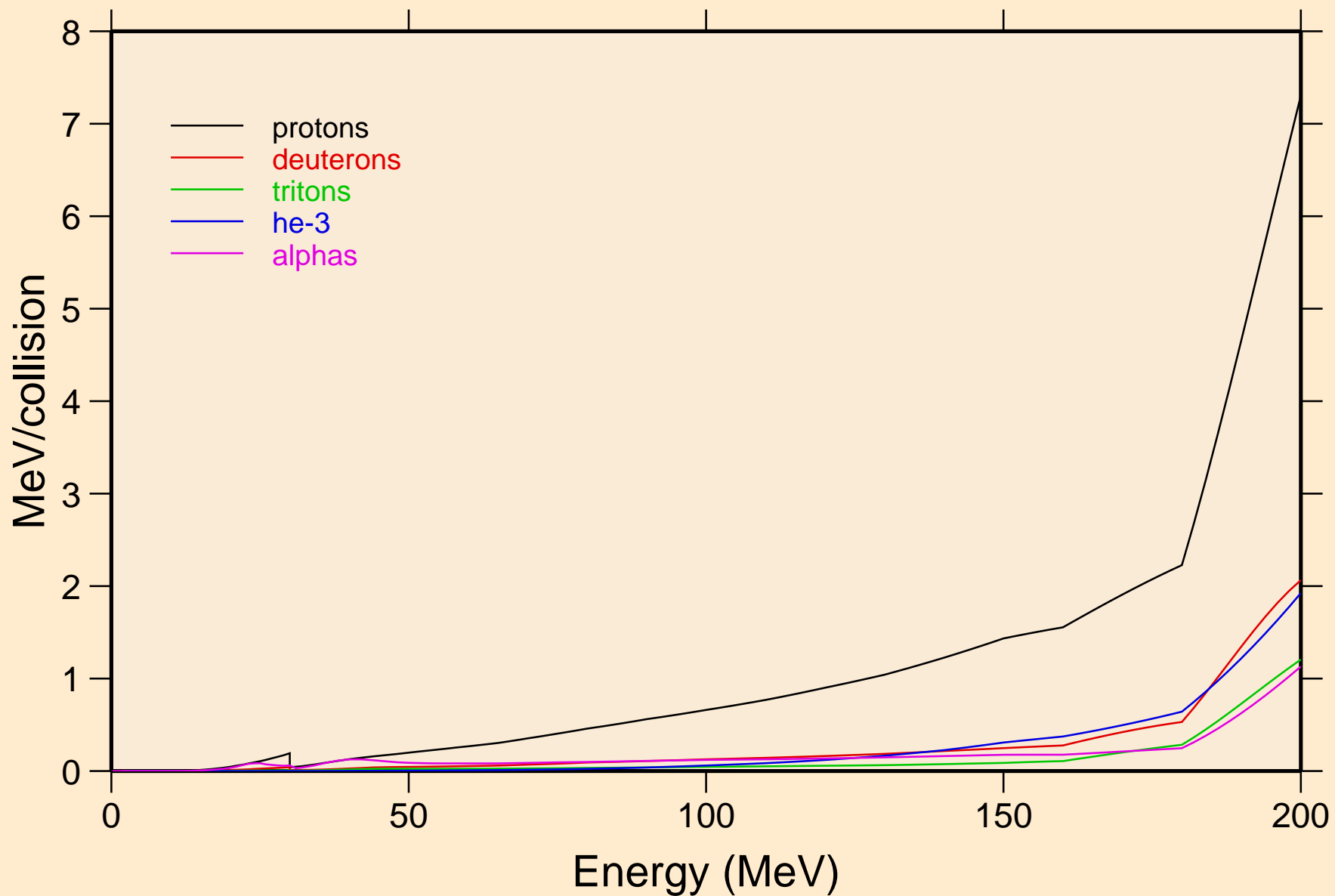


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

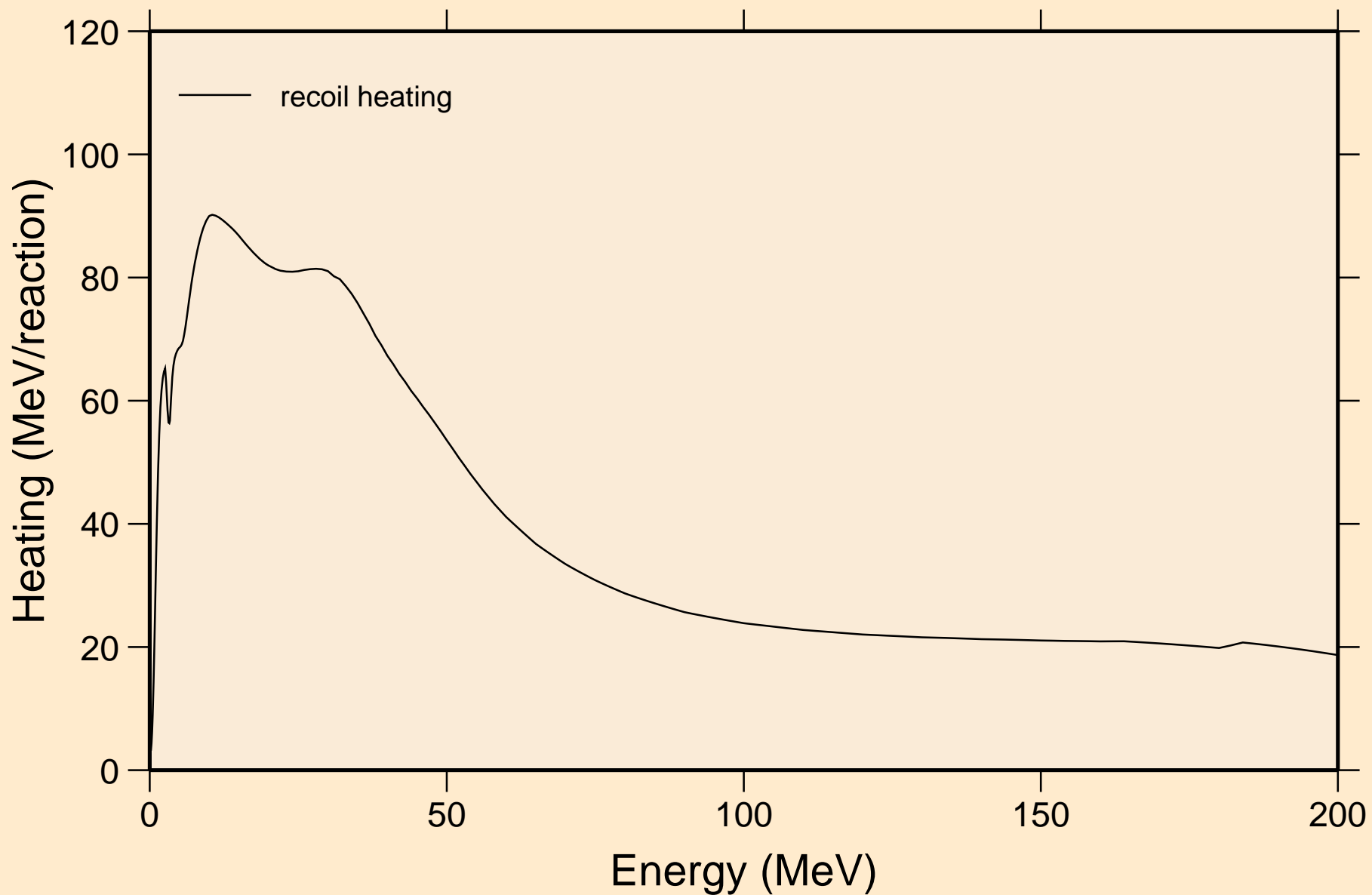


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

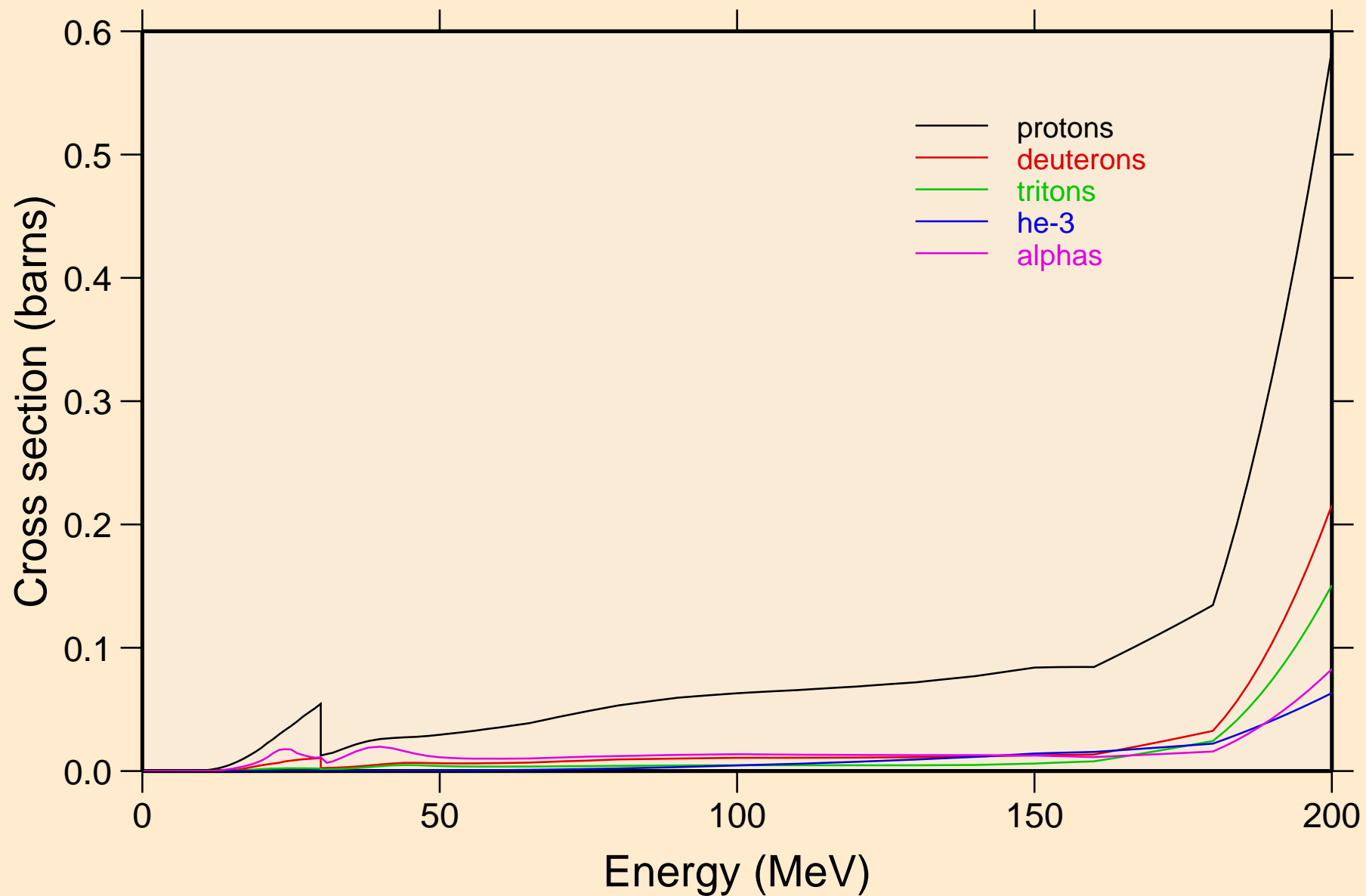


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

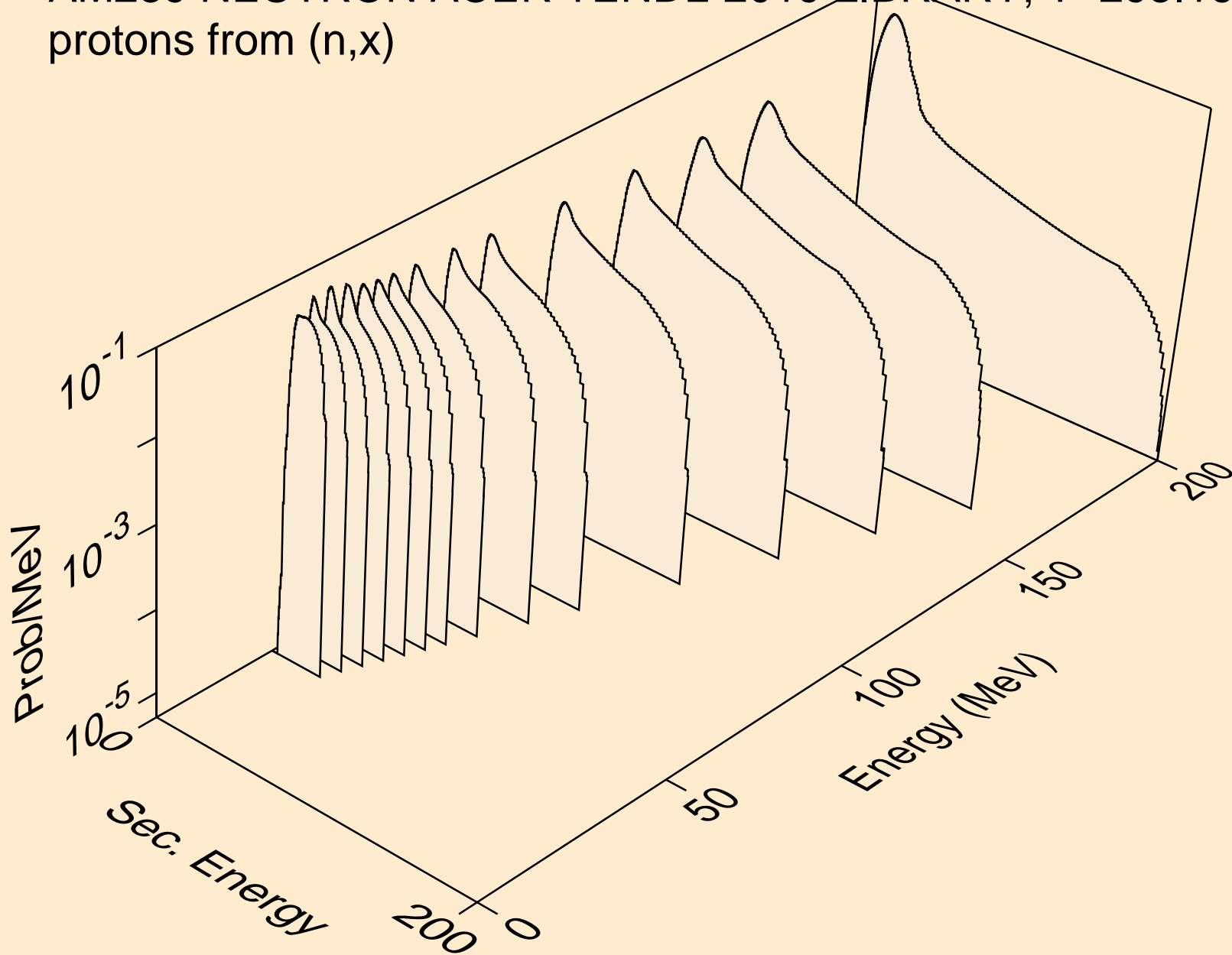


AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

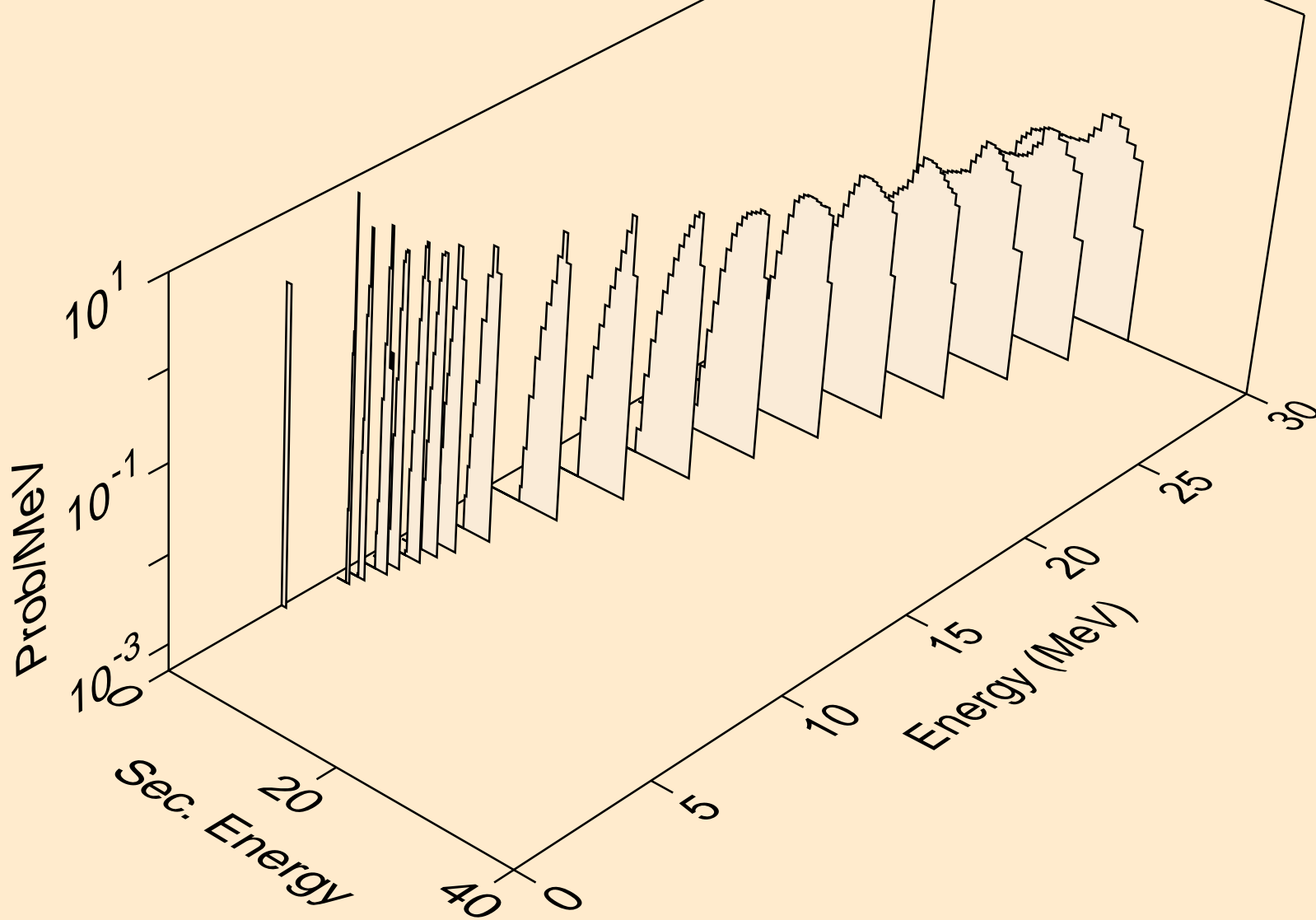
Particle production cross sections



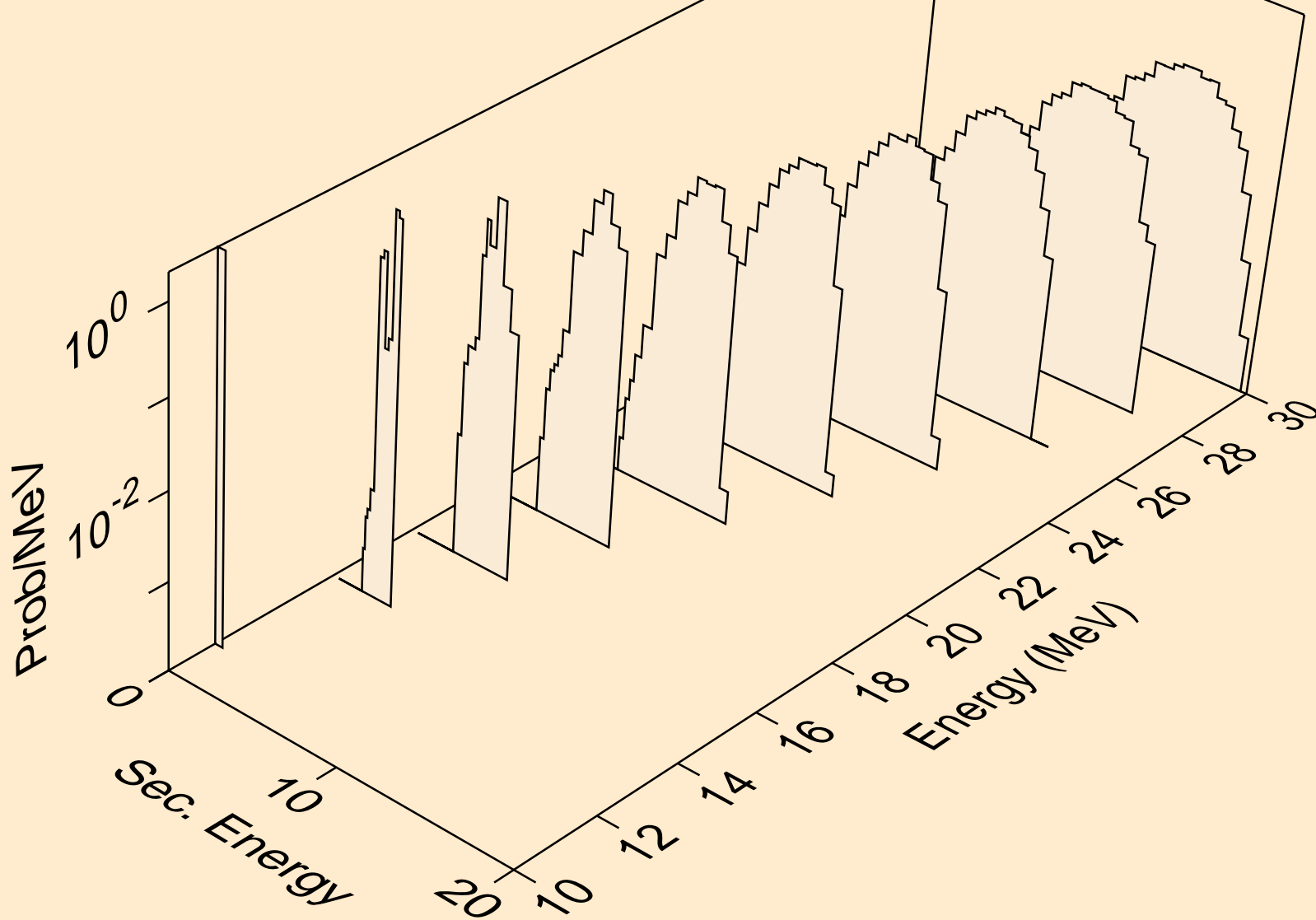
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



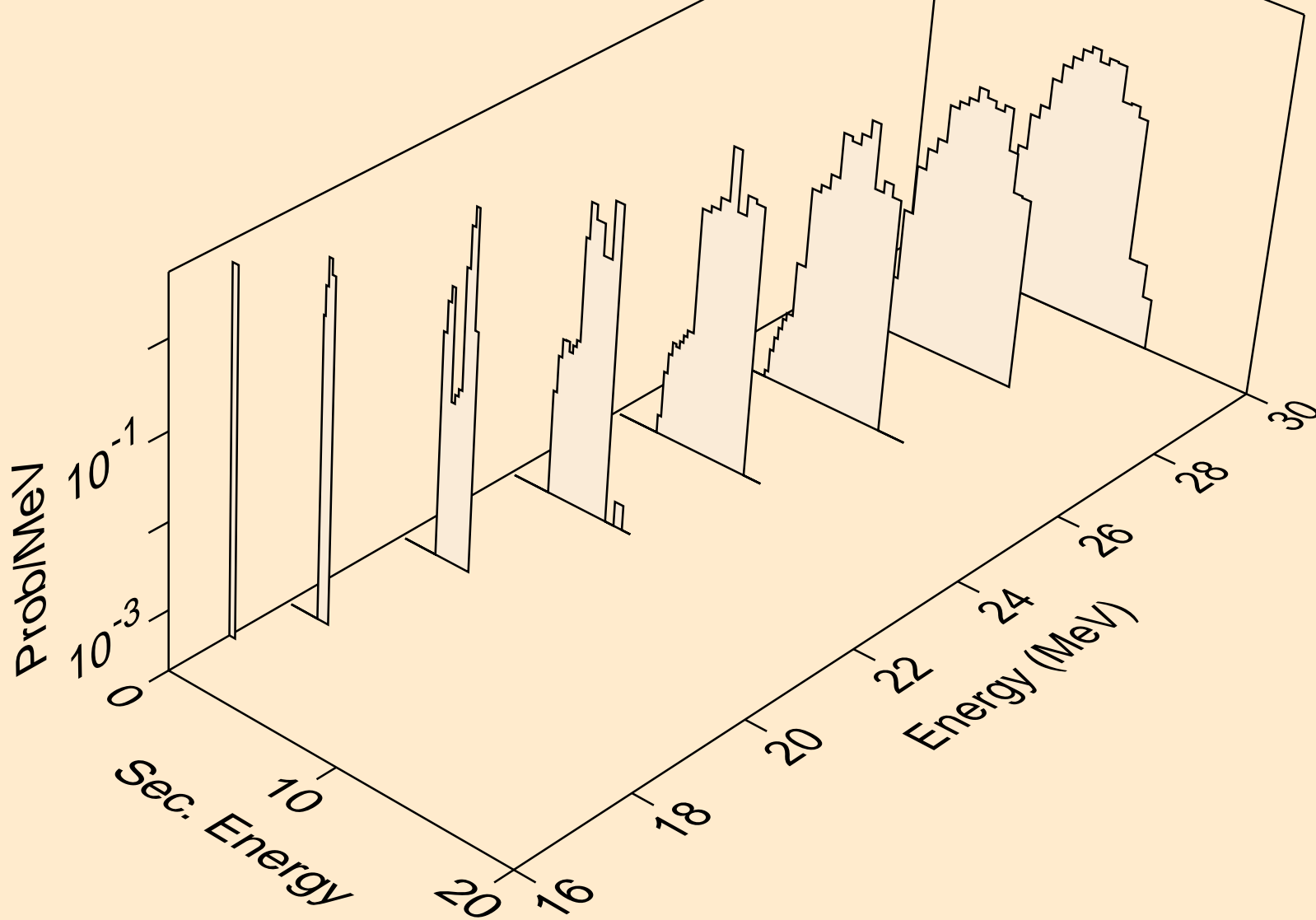
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



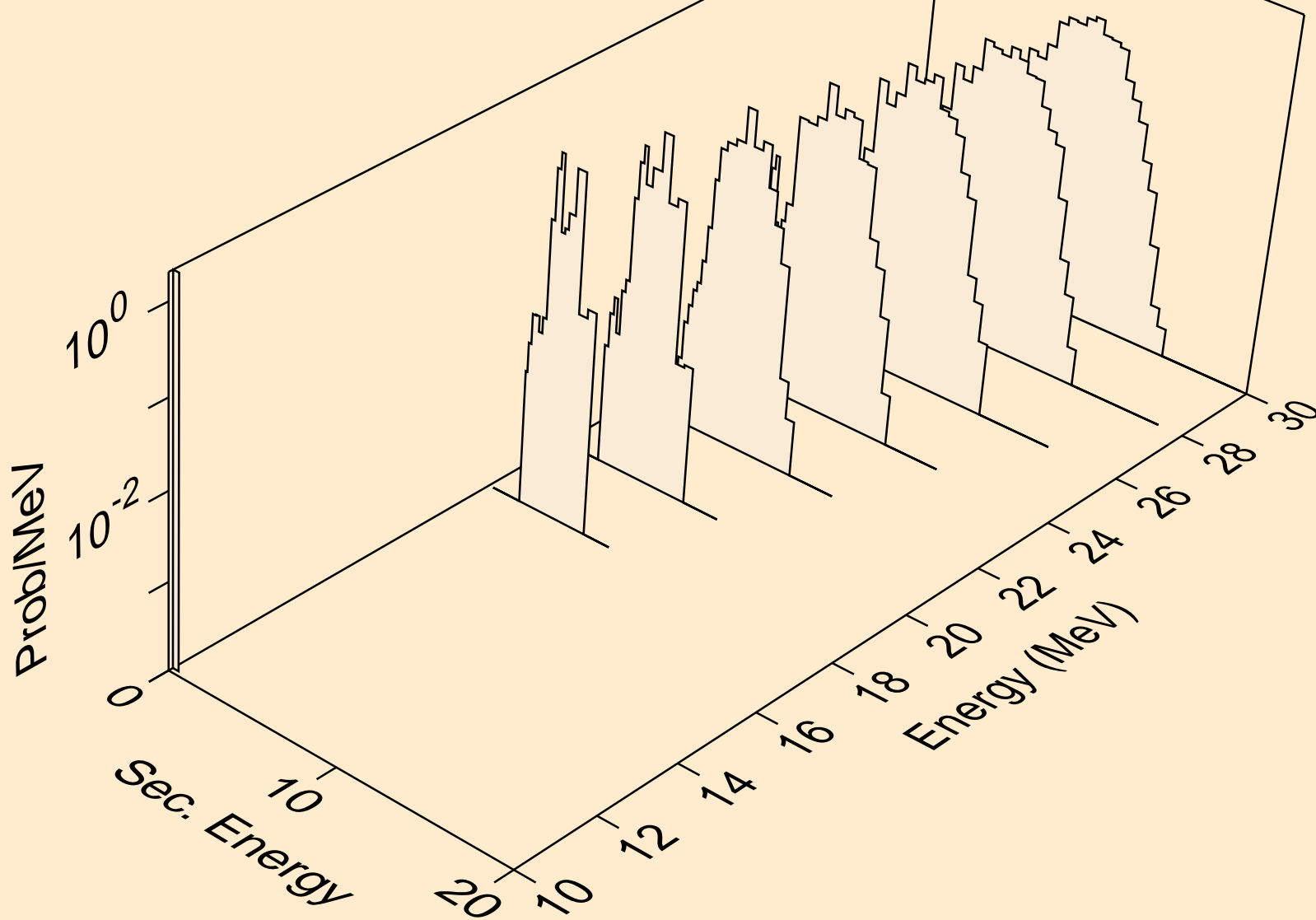
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



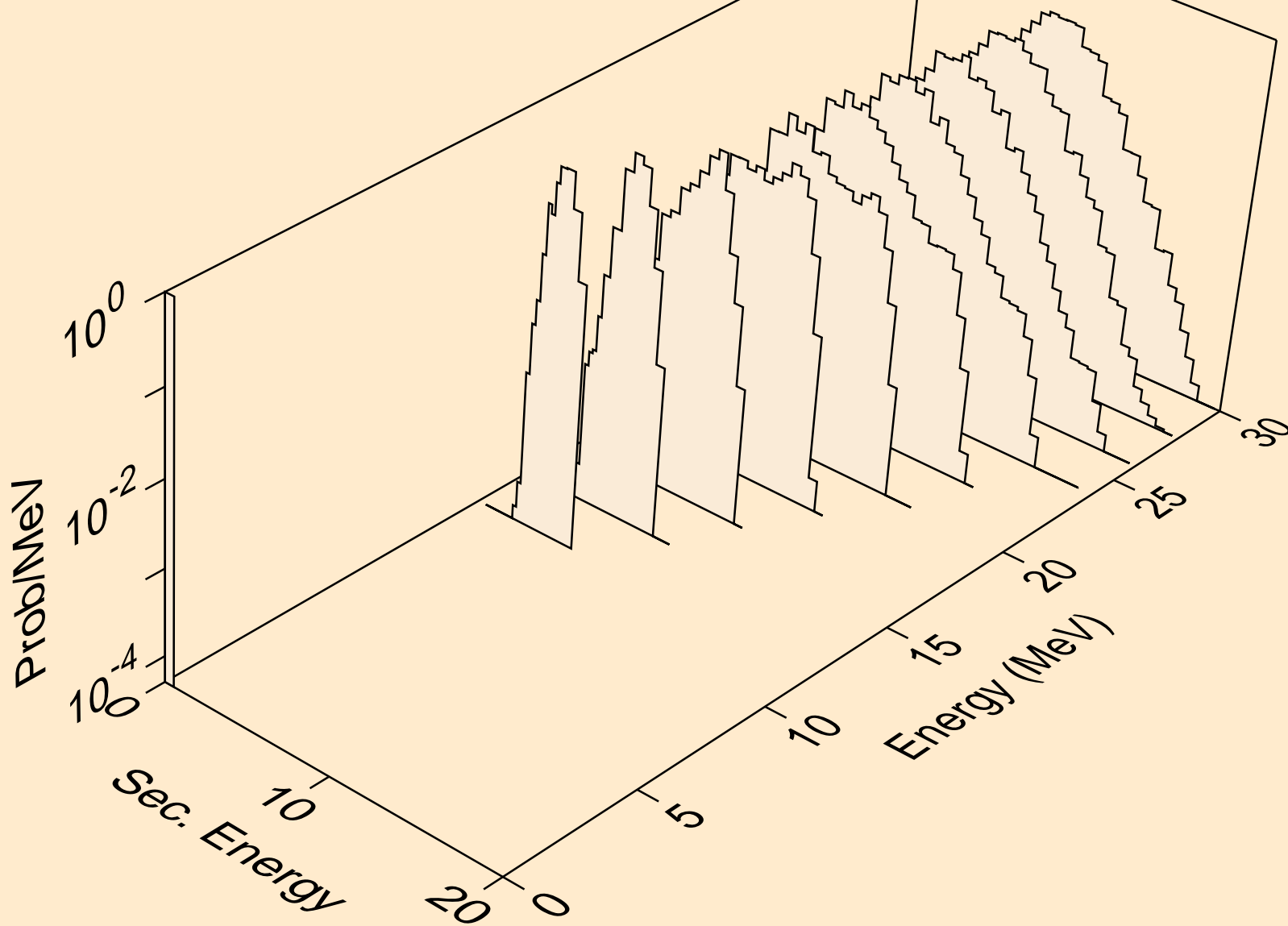
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



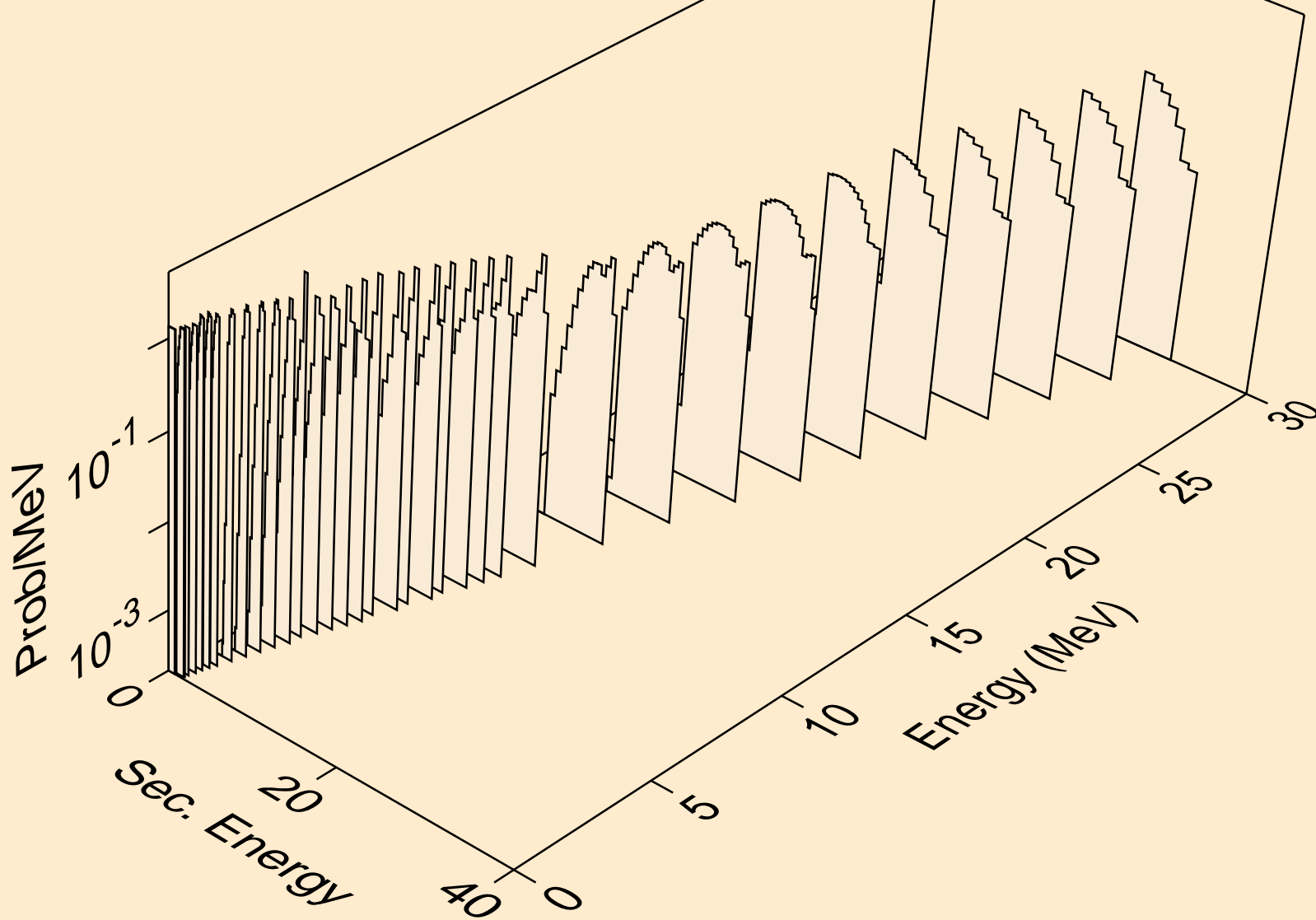
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



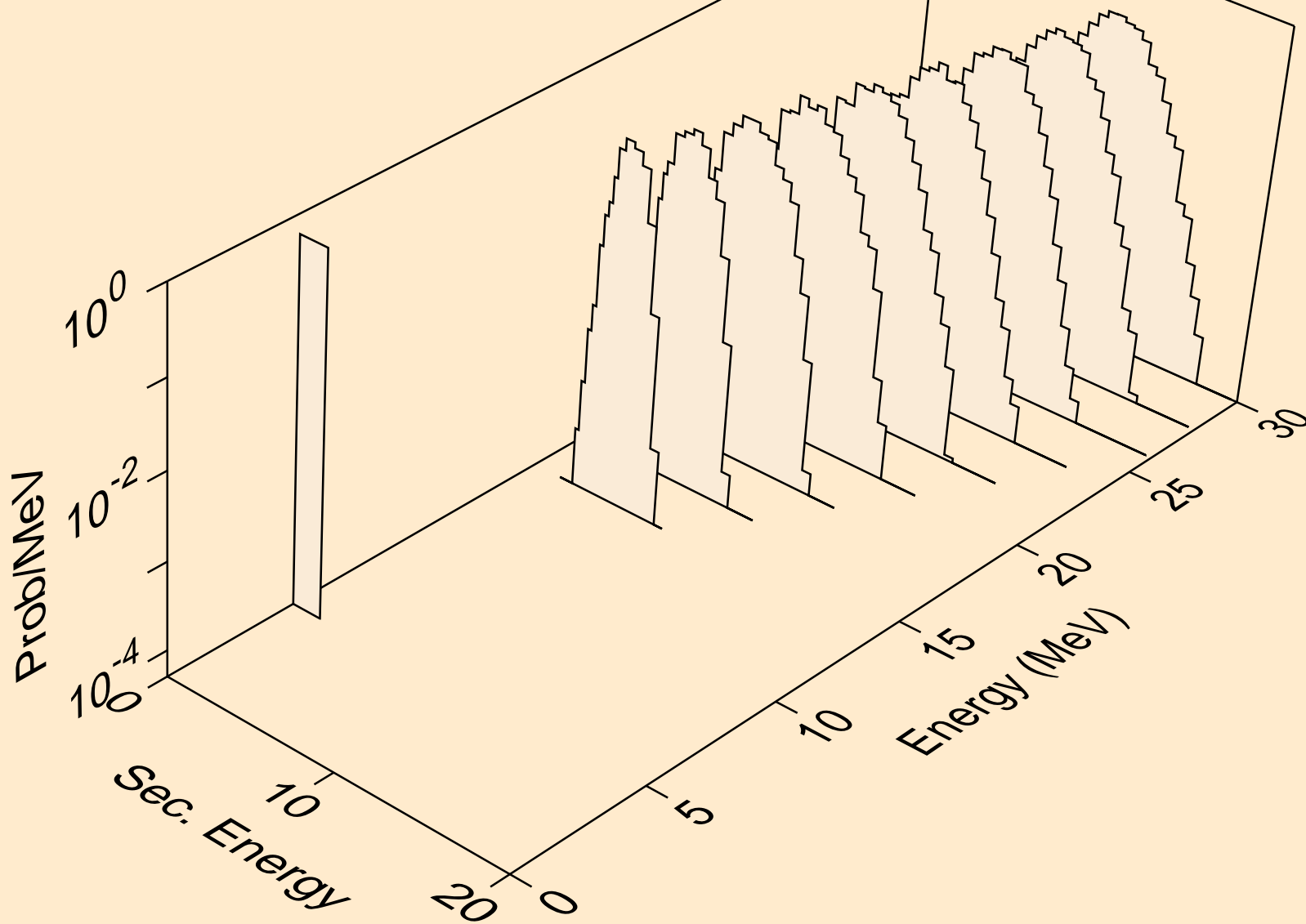
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



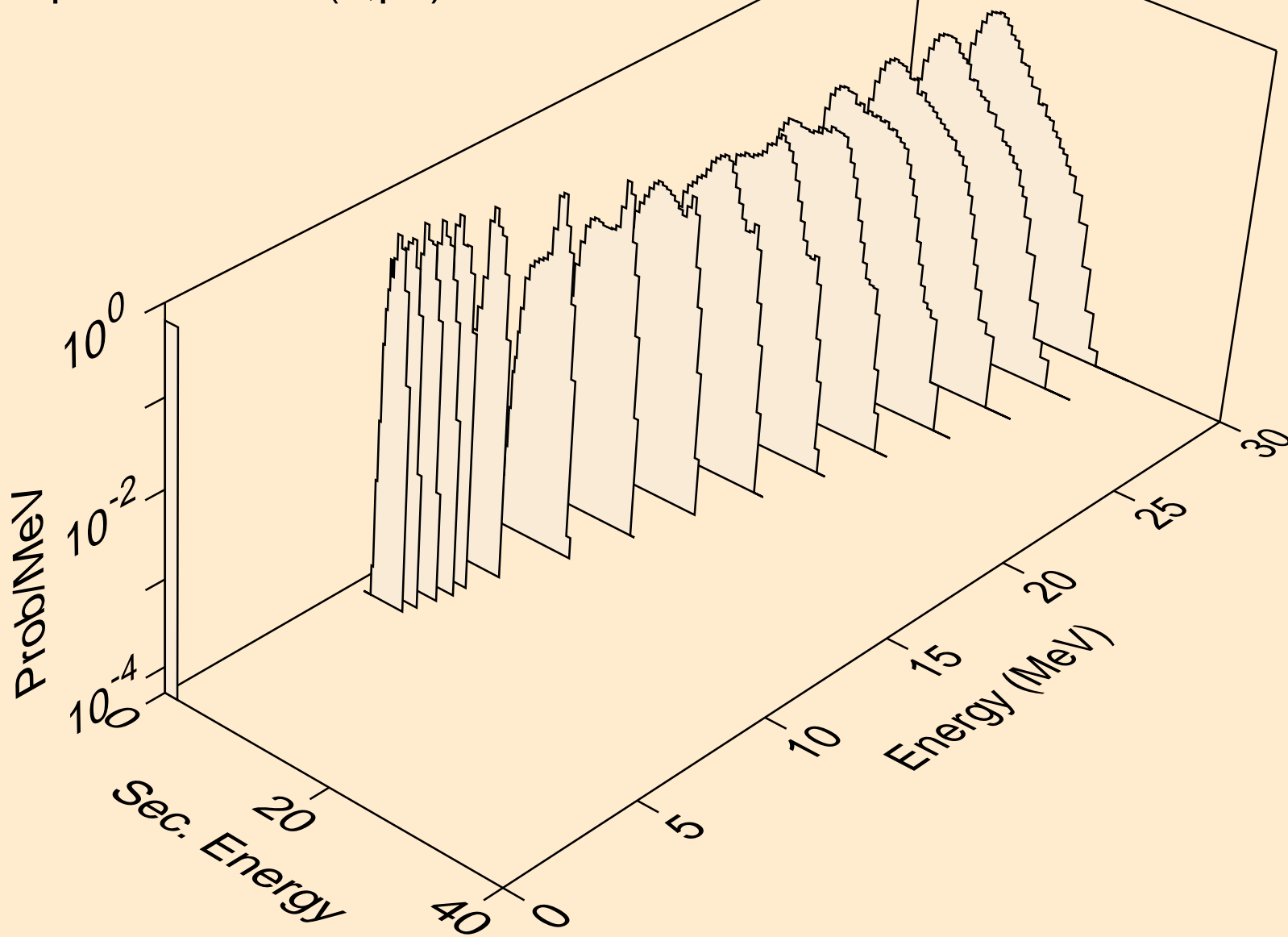
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



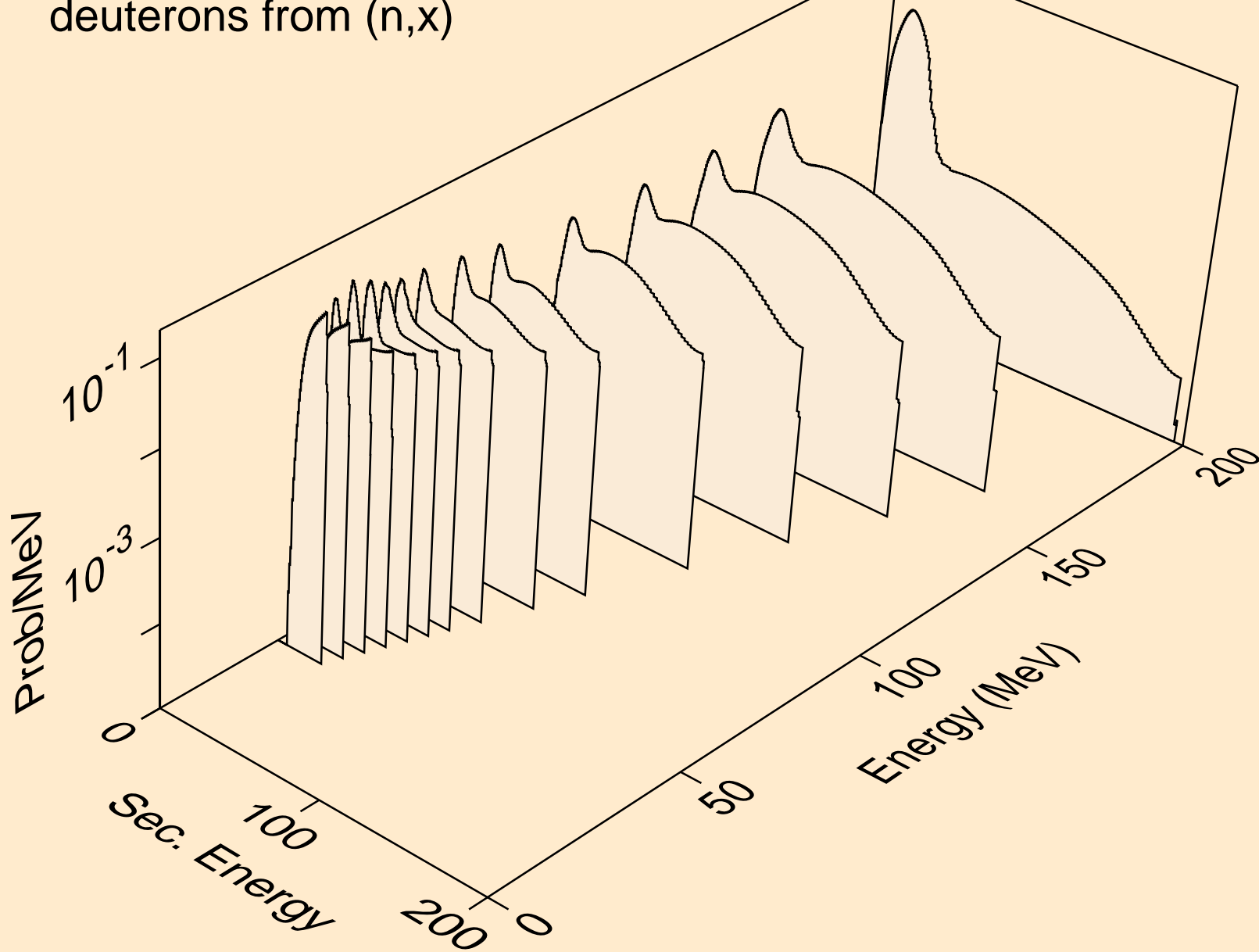
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



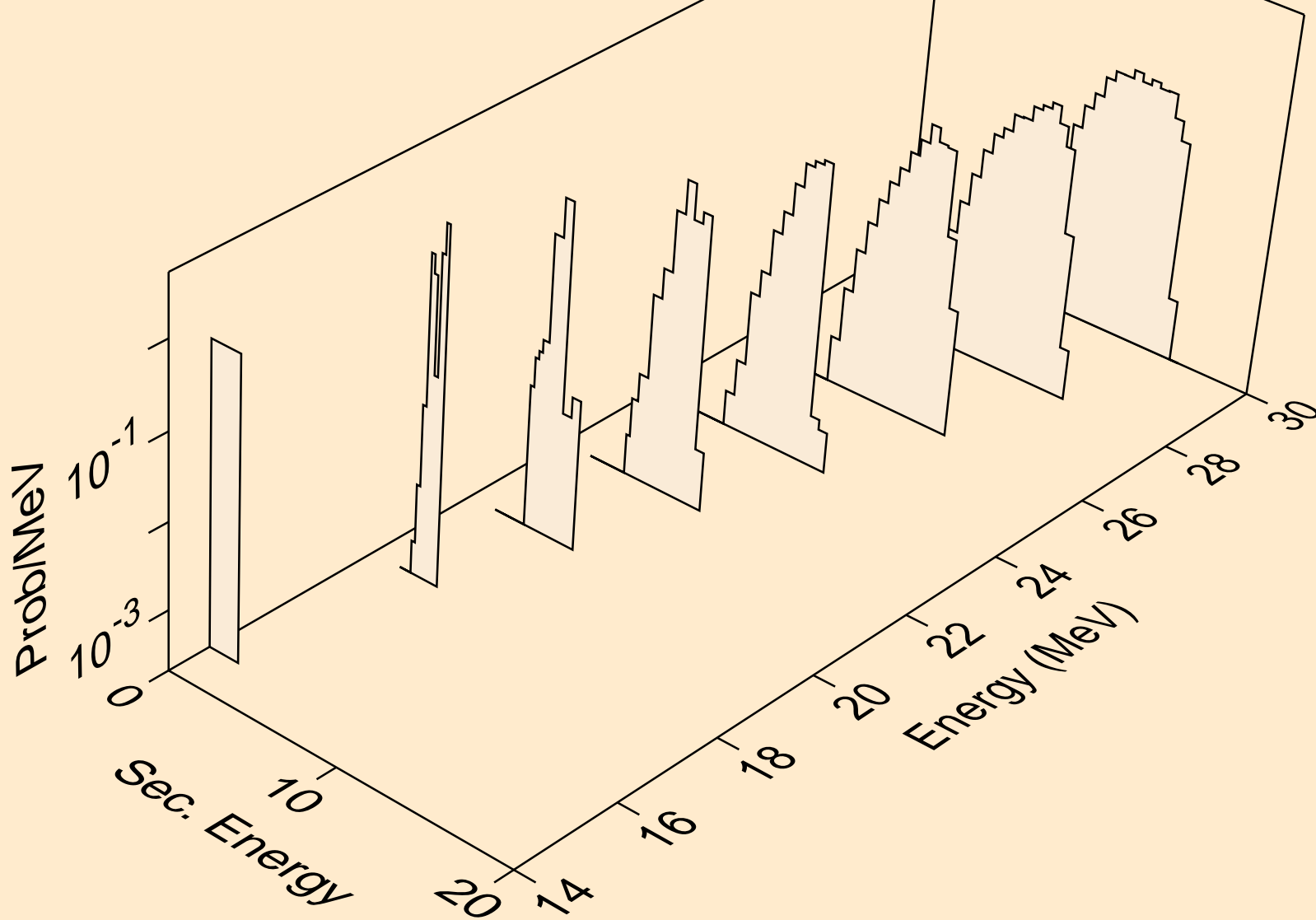
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



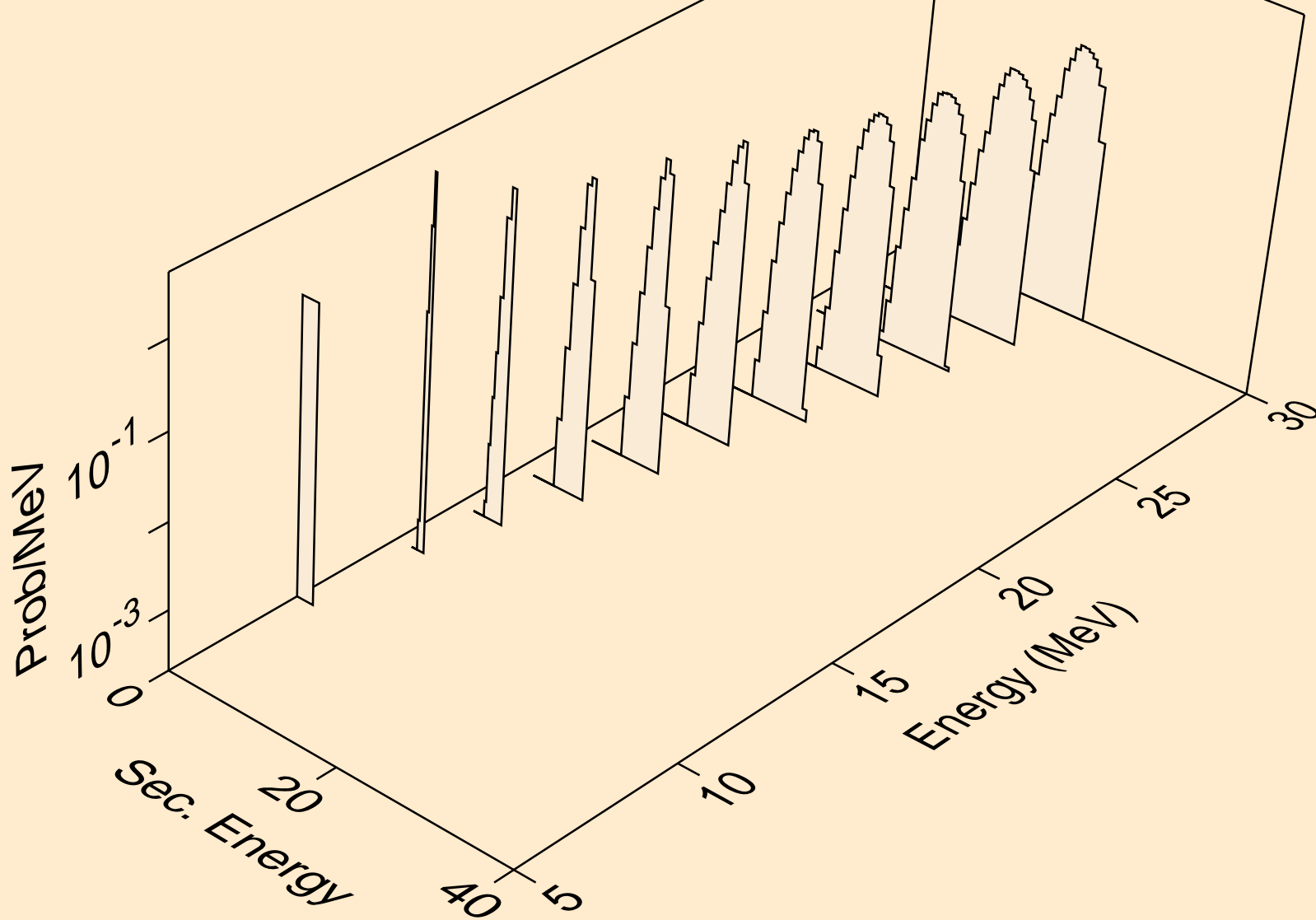
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



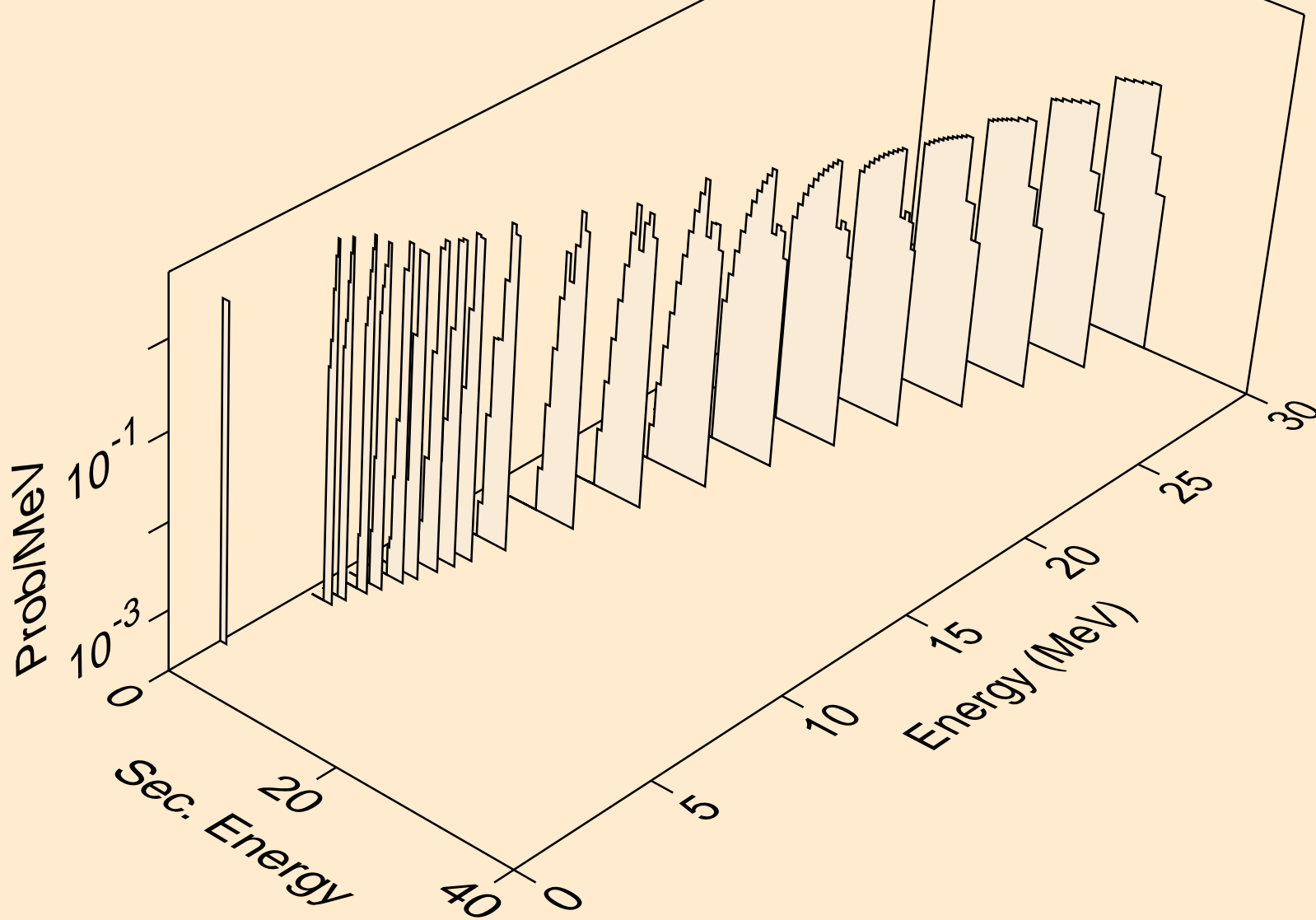
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deuterons from (n,2nd)



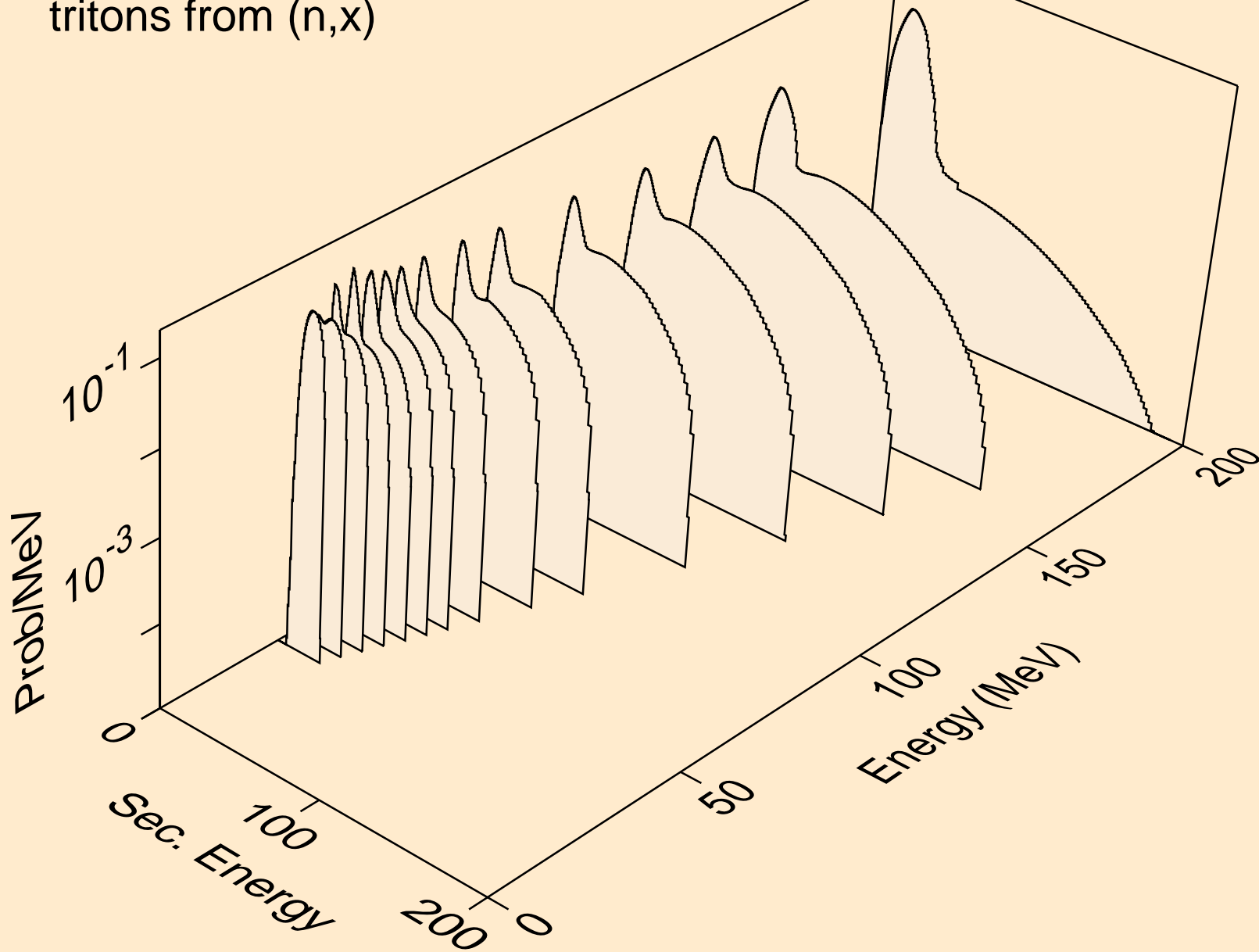
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



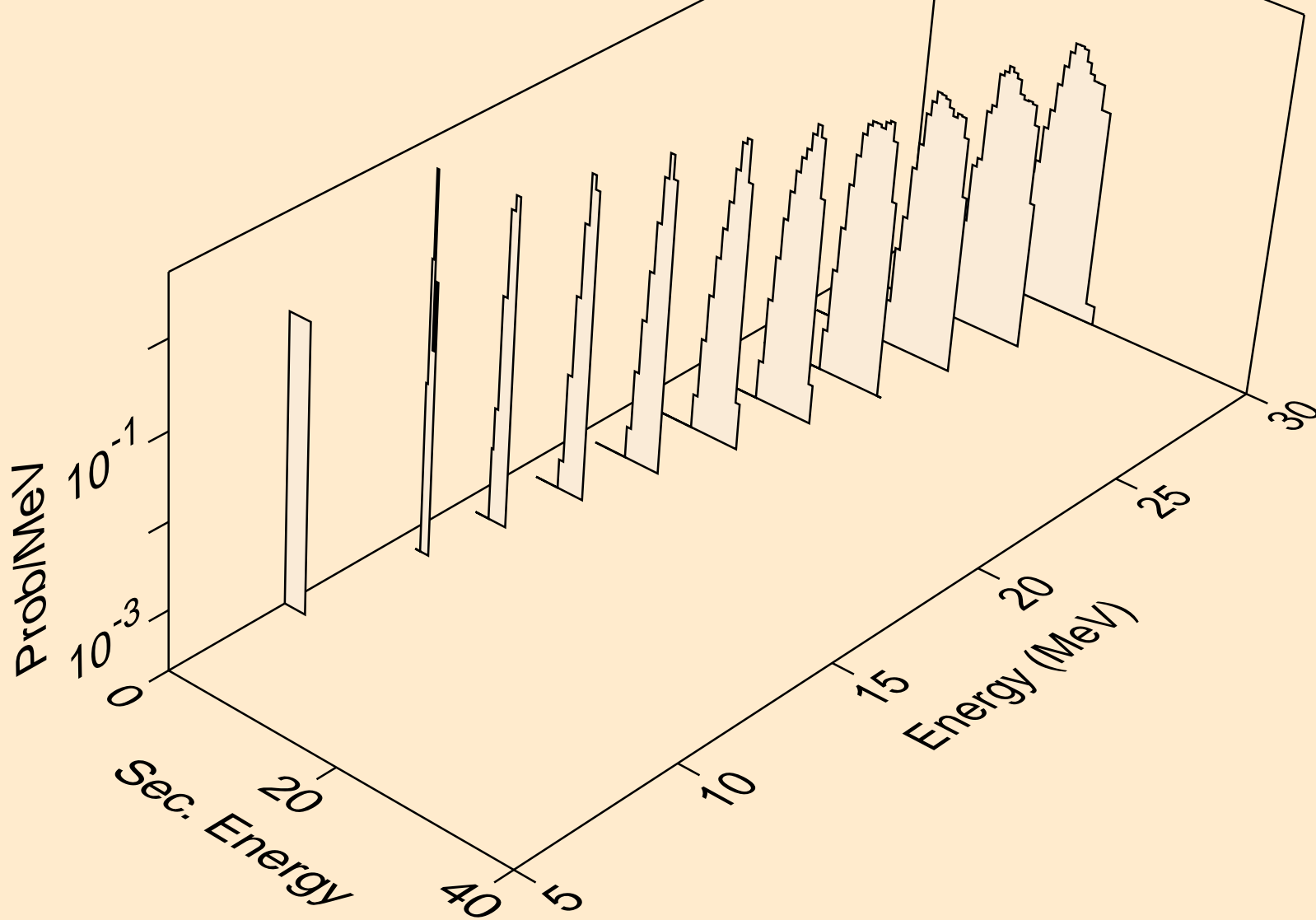
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



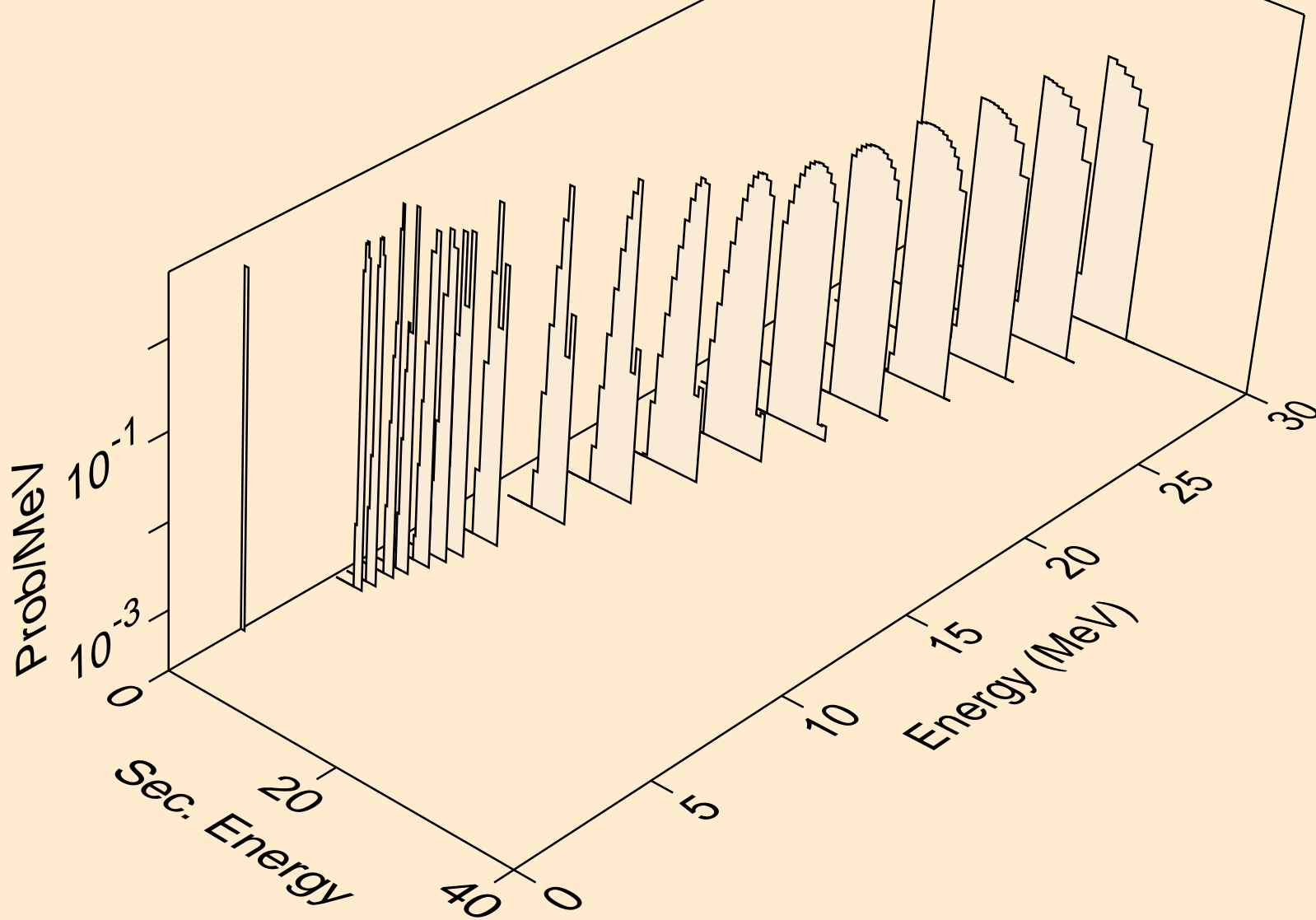
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



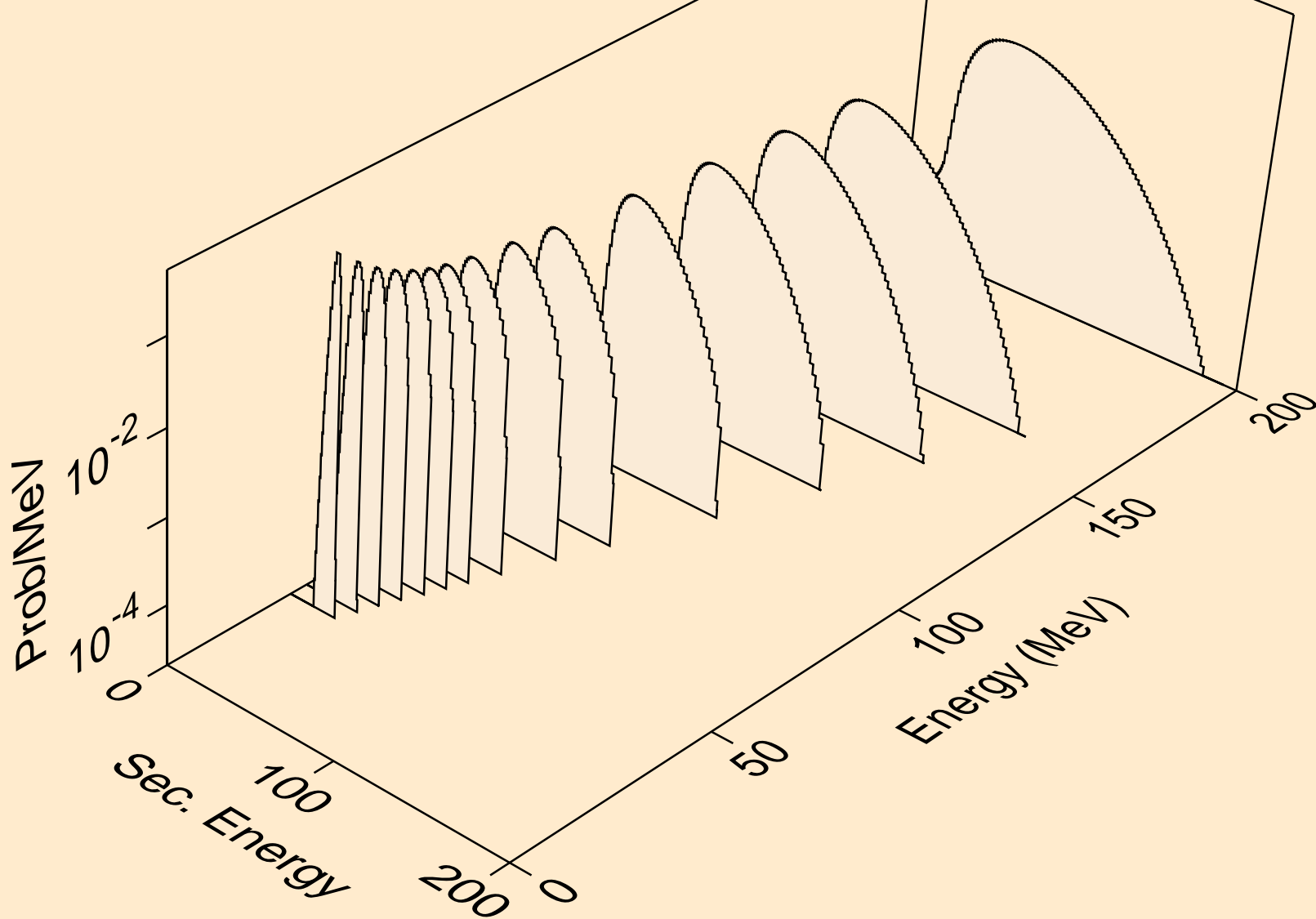
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



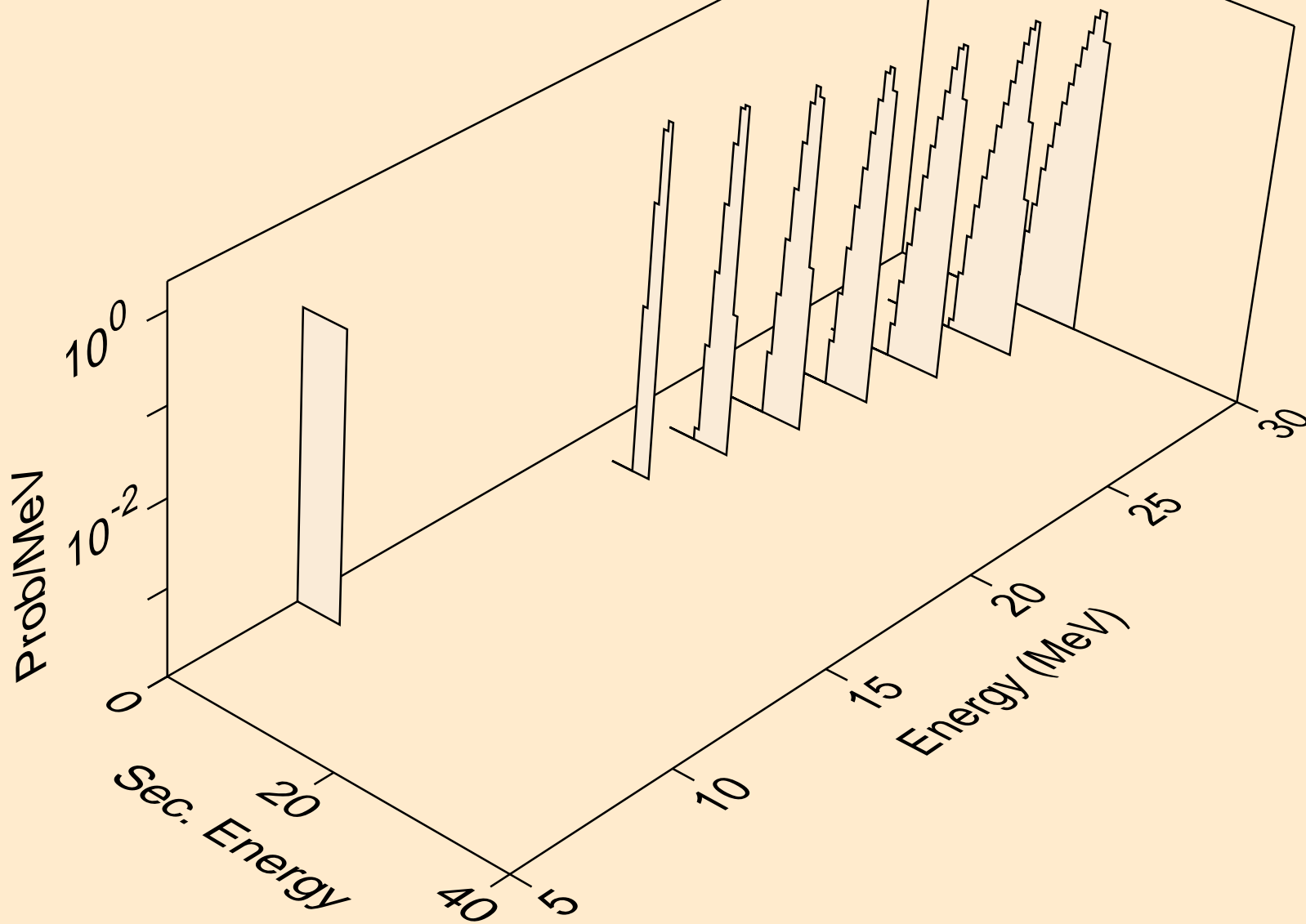
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



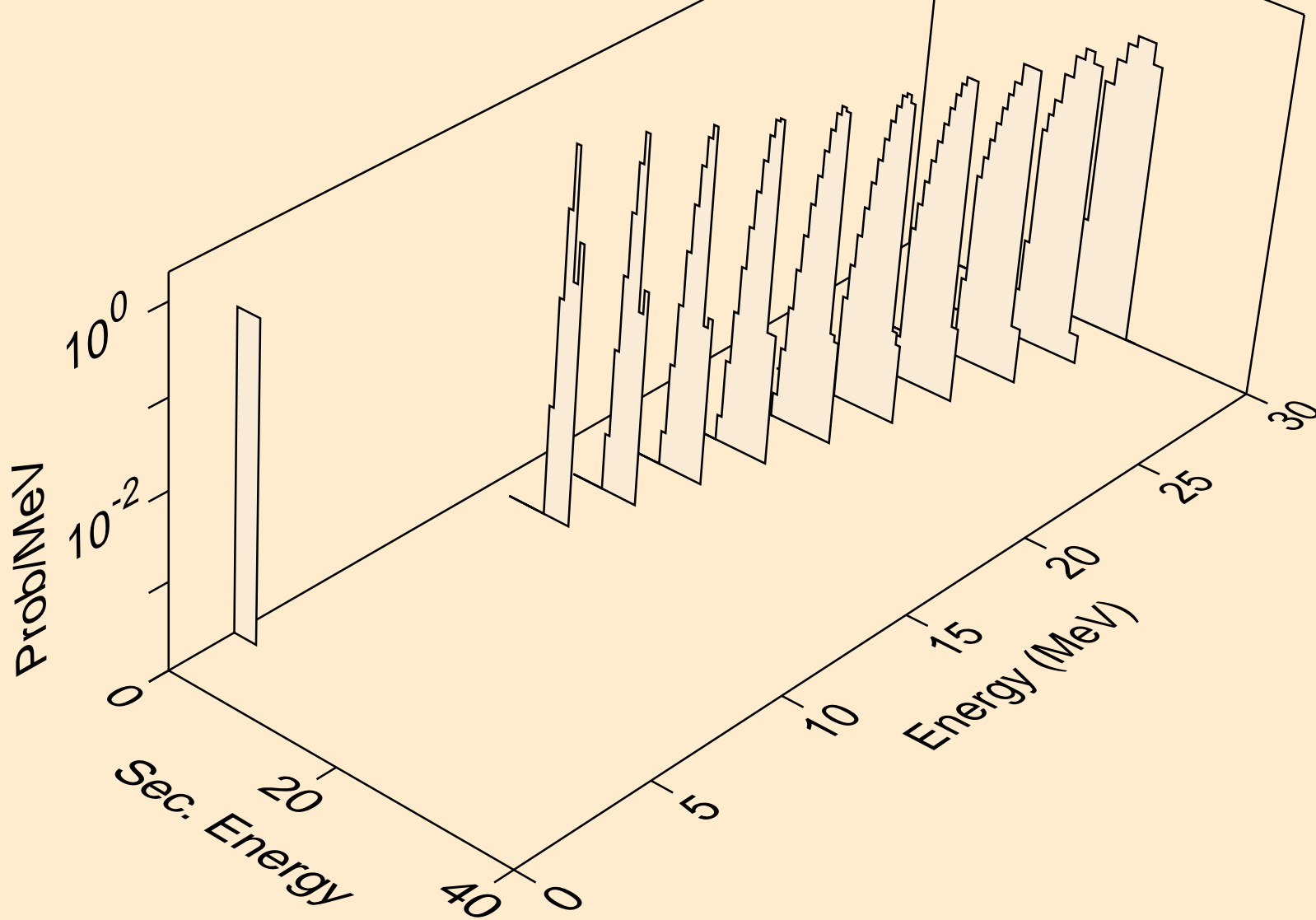
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



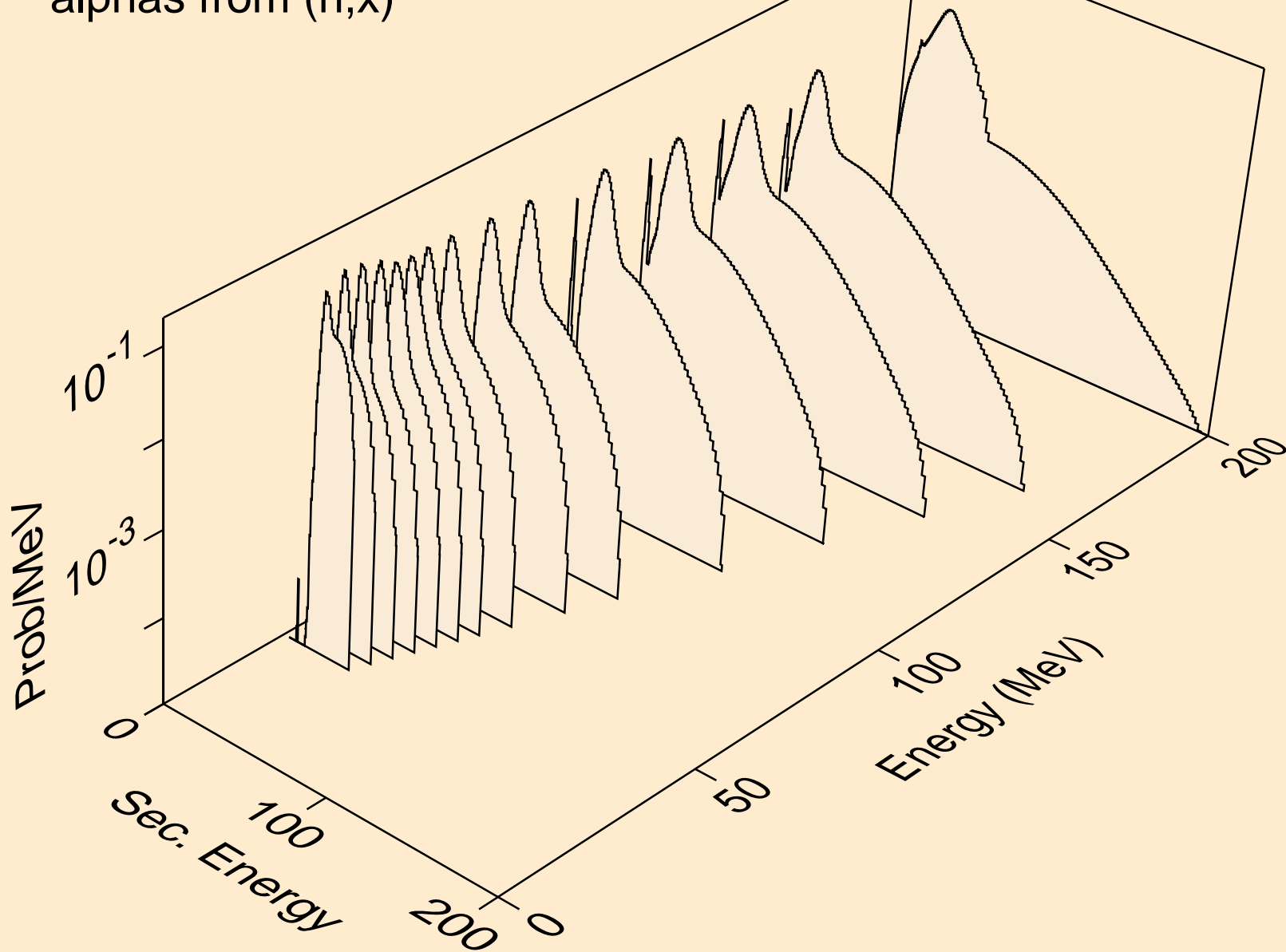
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



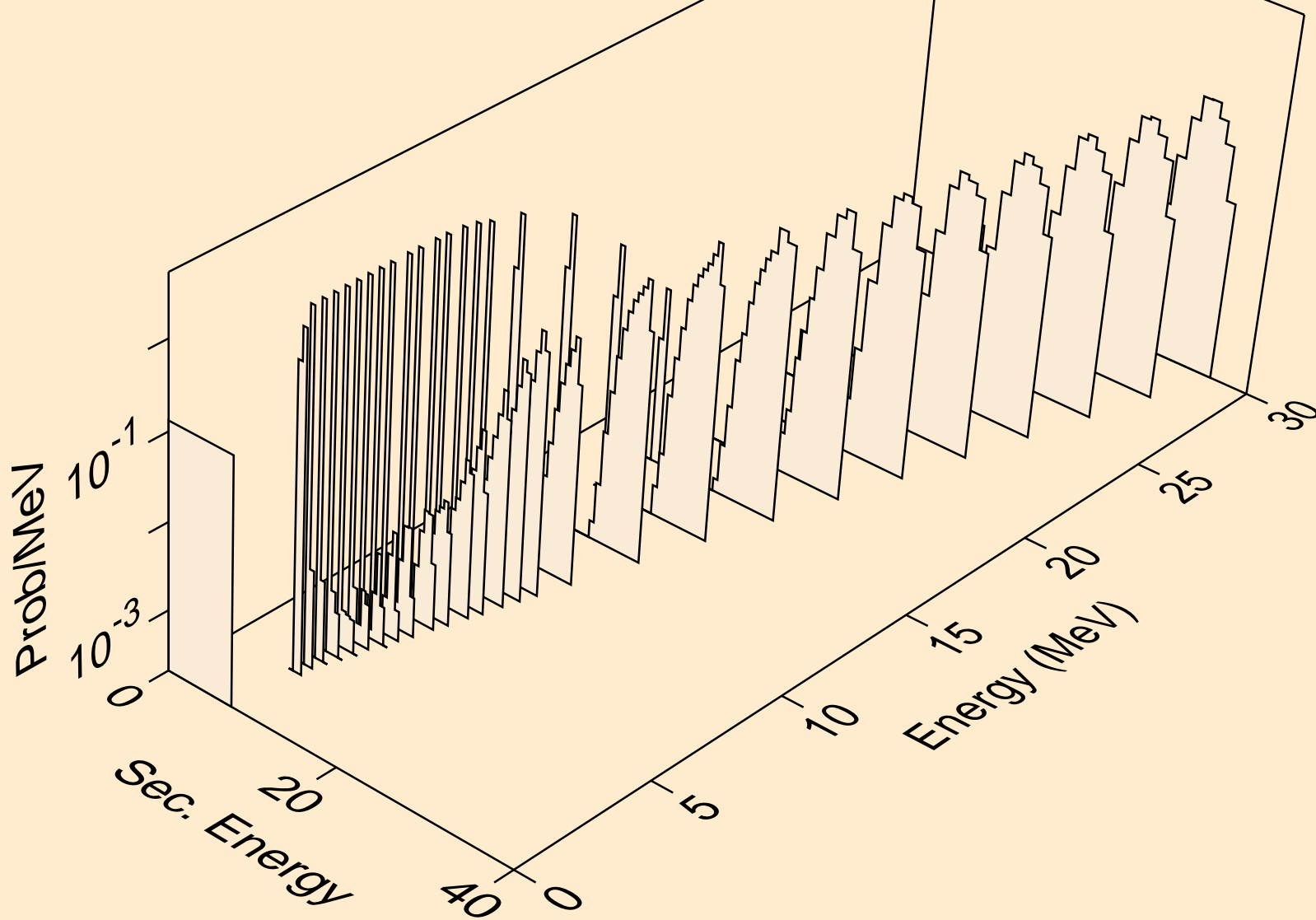
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he3s from (n,he3)



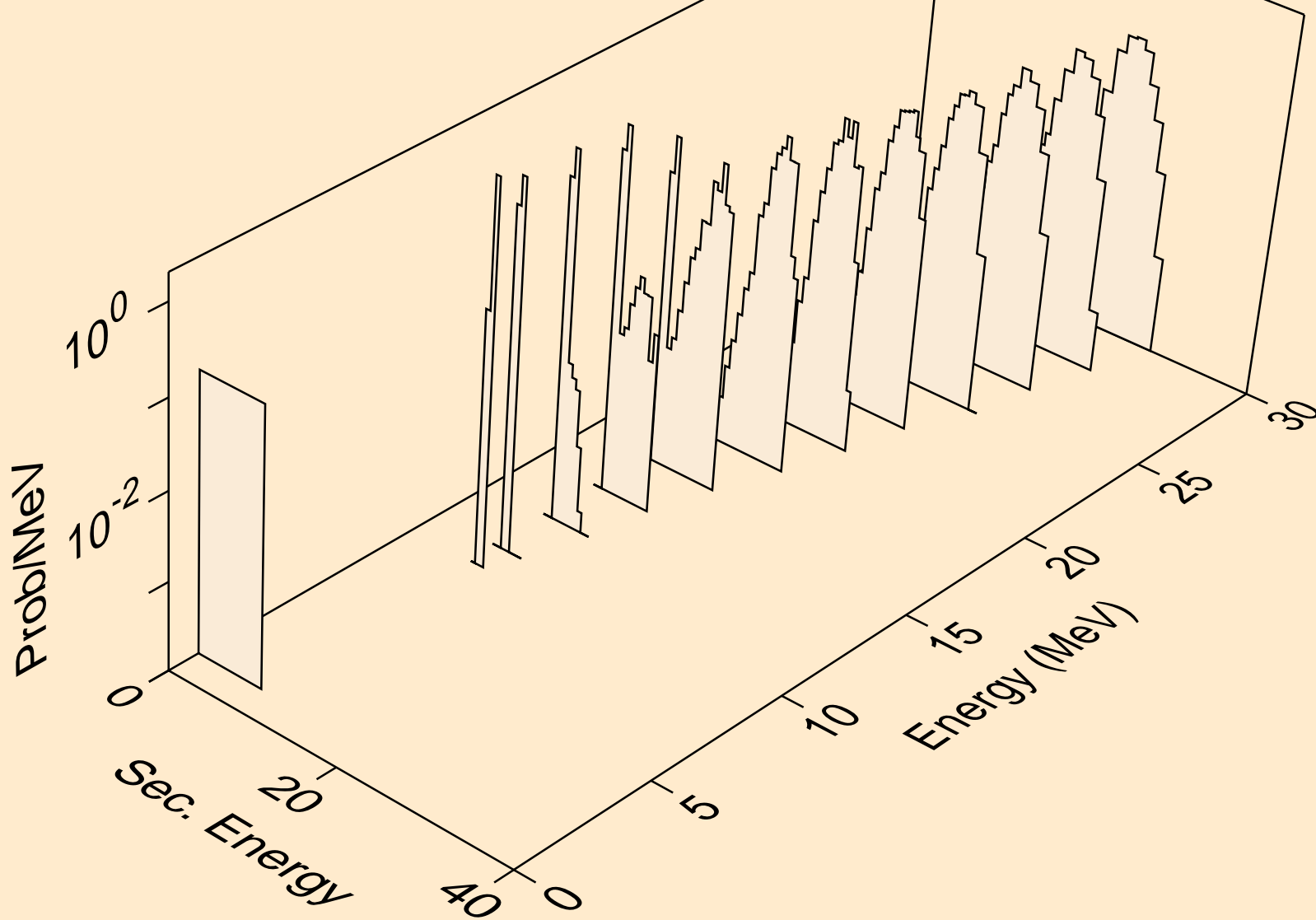
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



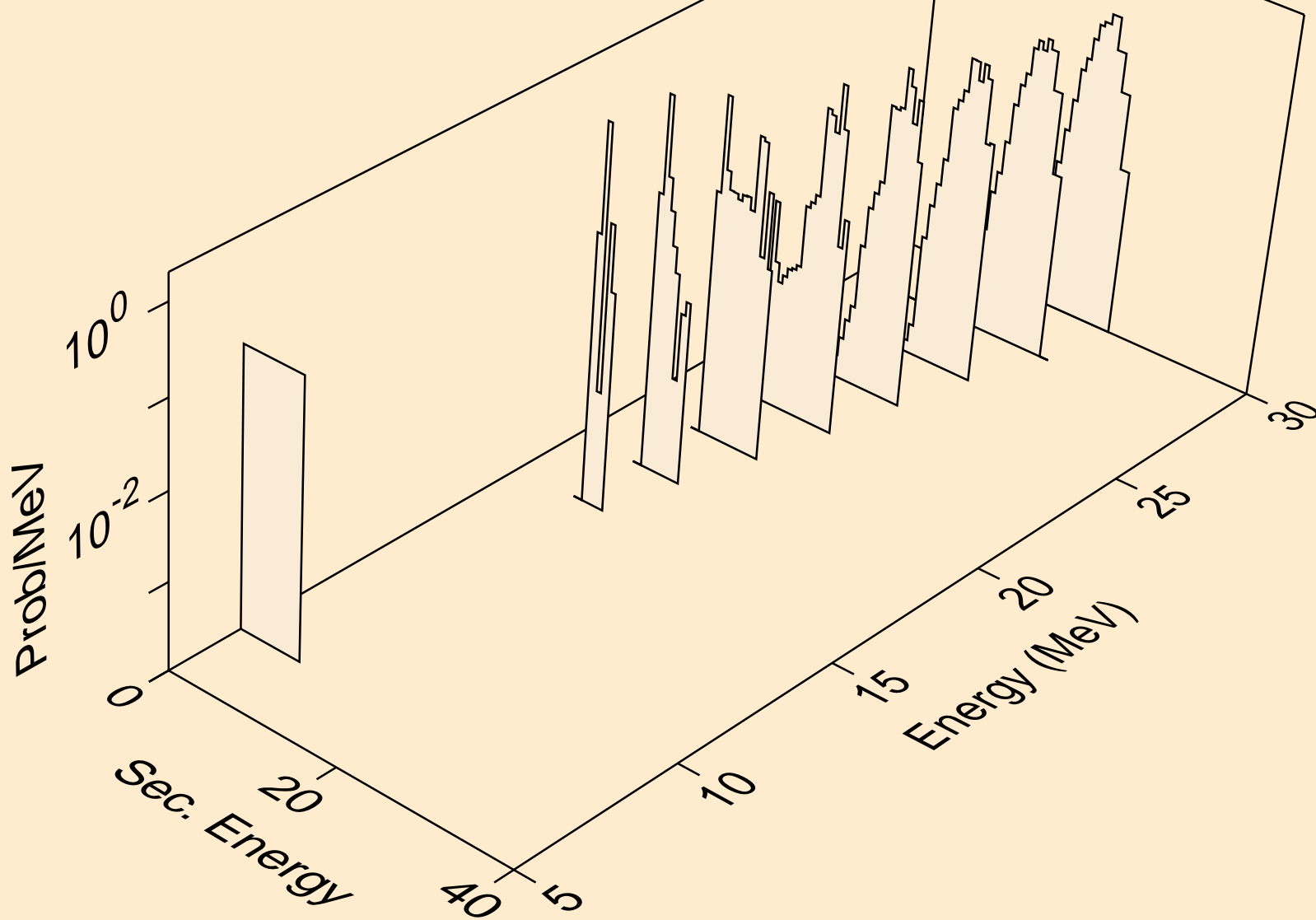
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



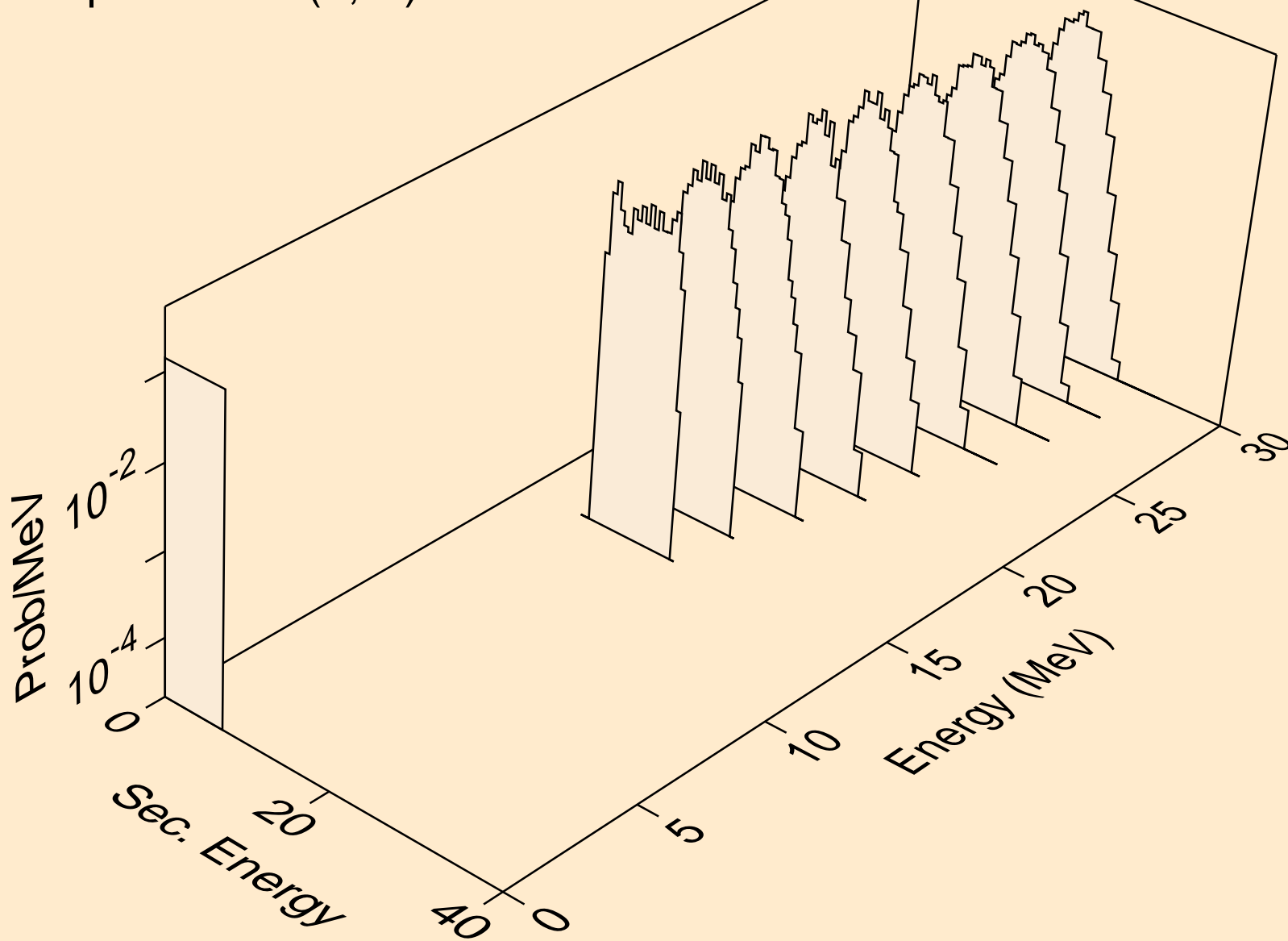
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



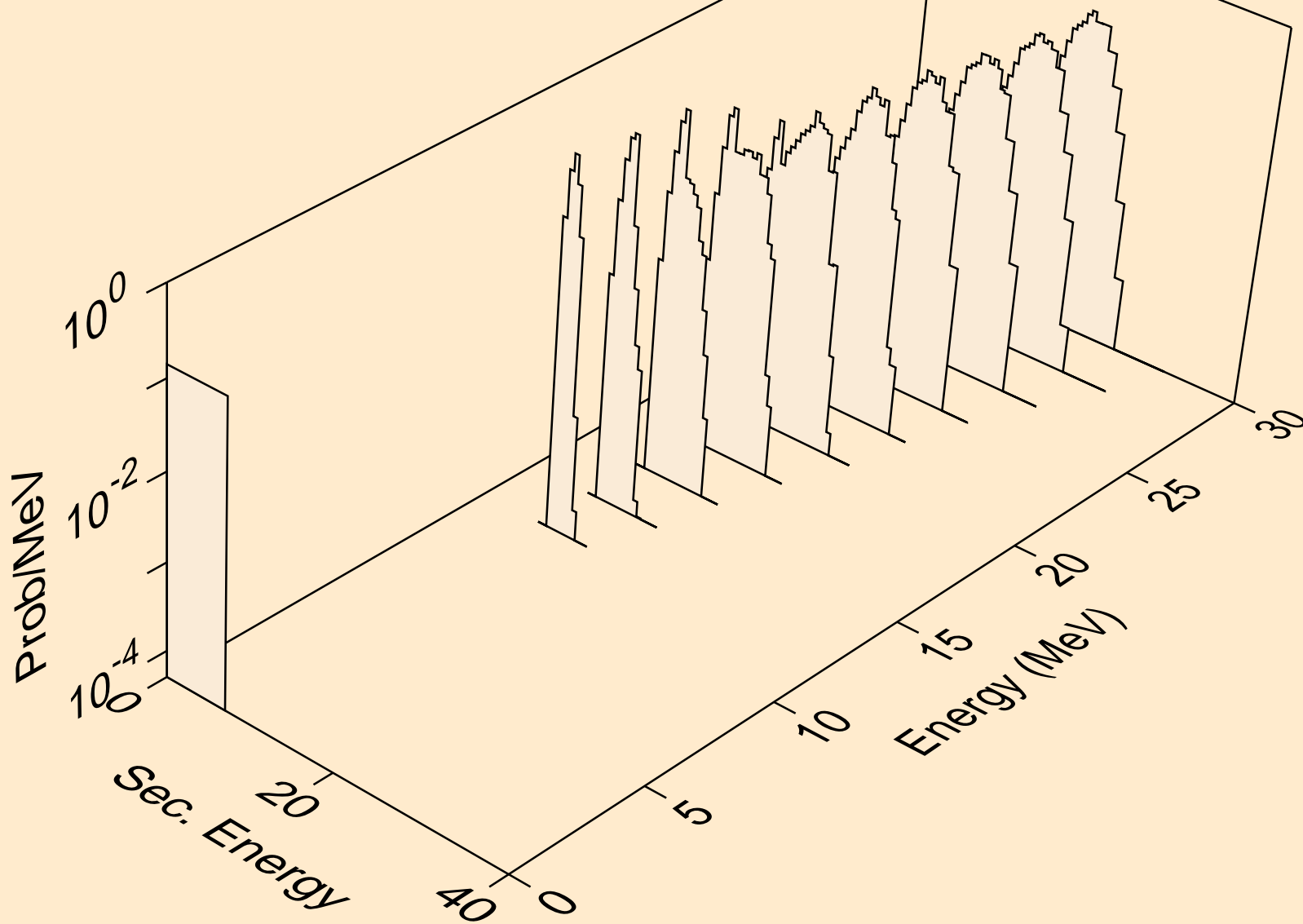
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



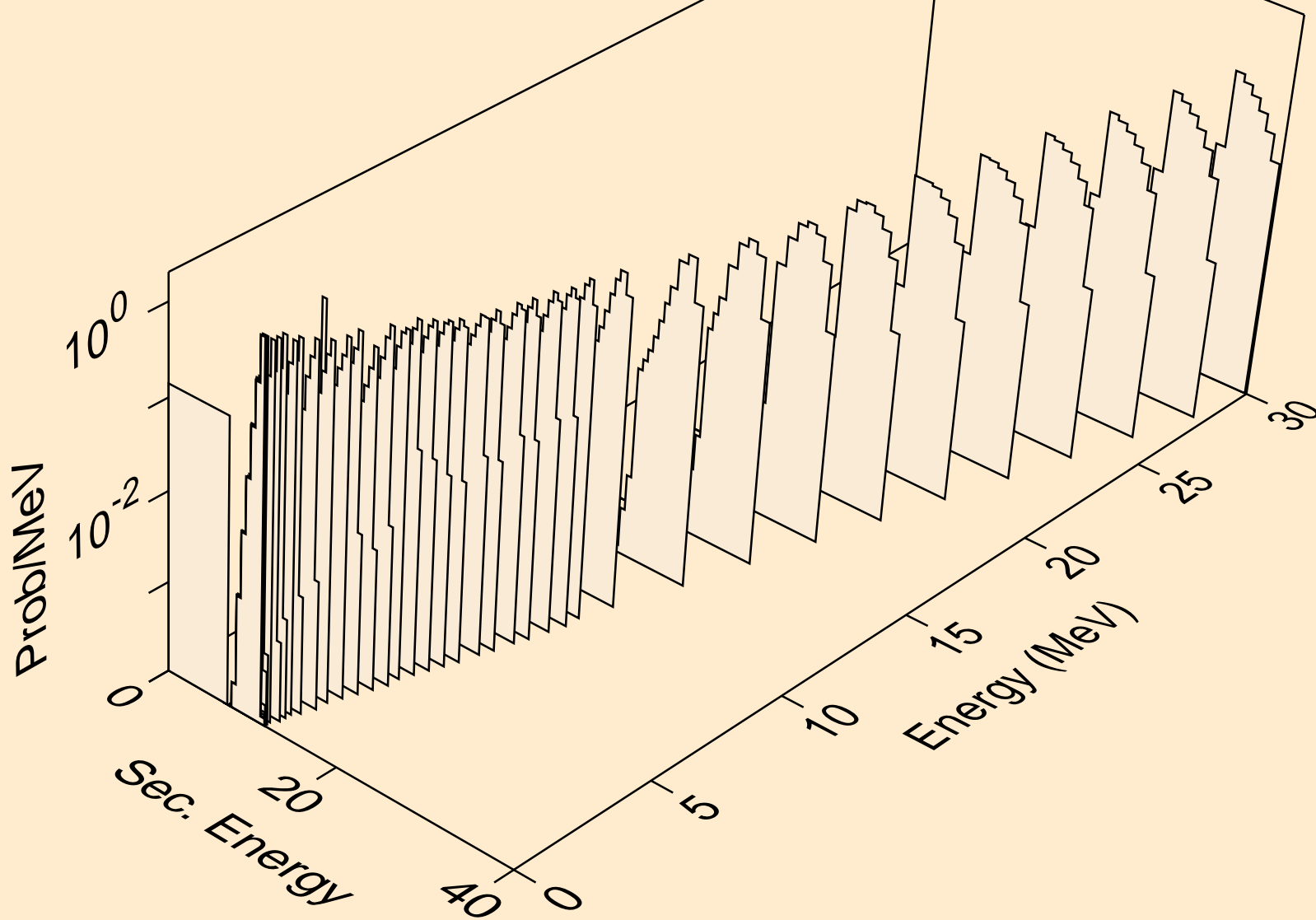
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



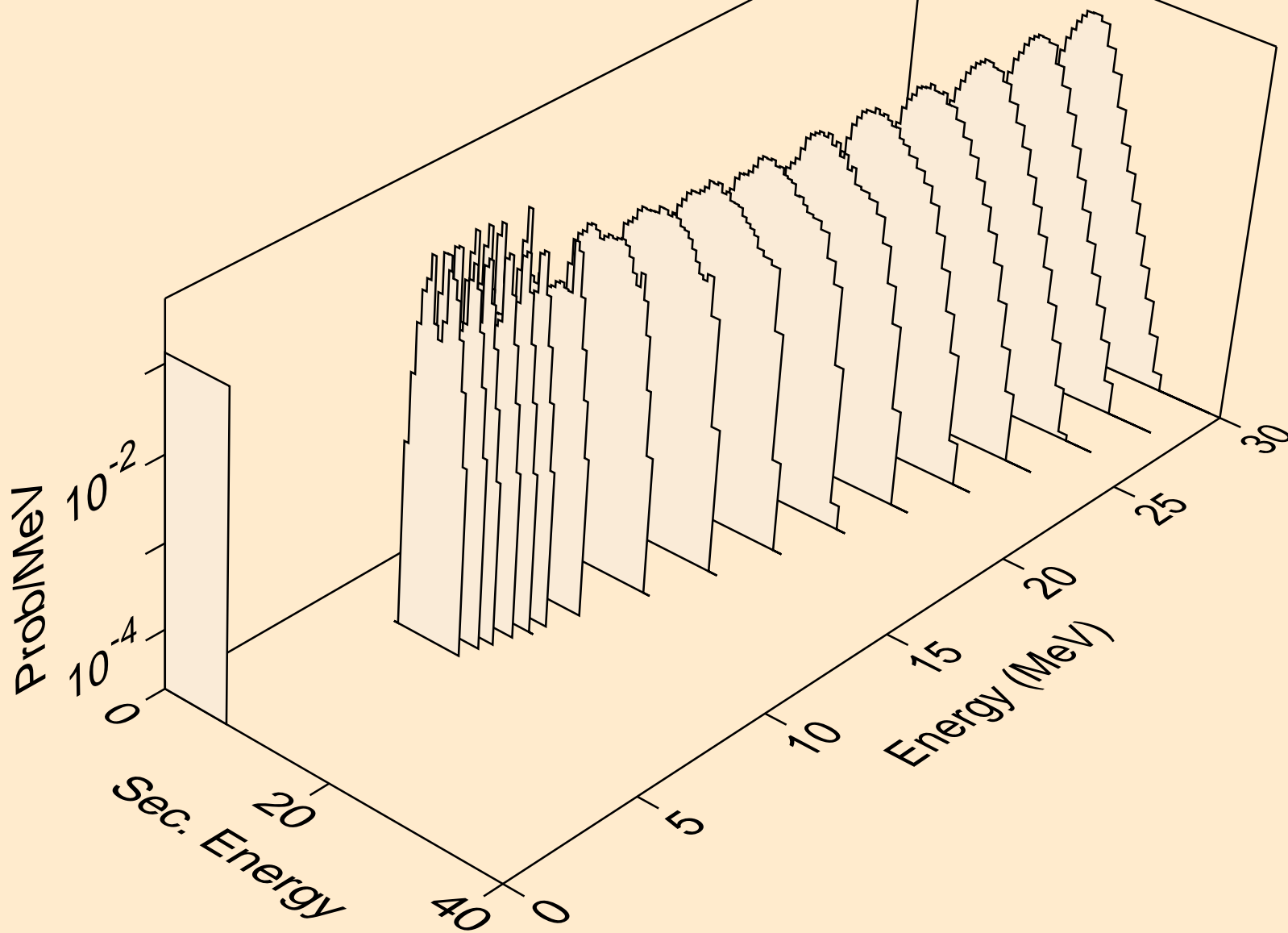
AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



AM239 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)

