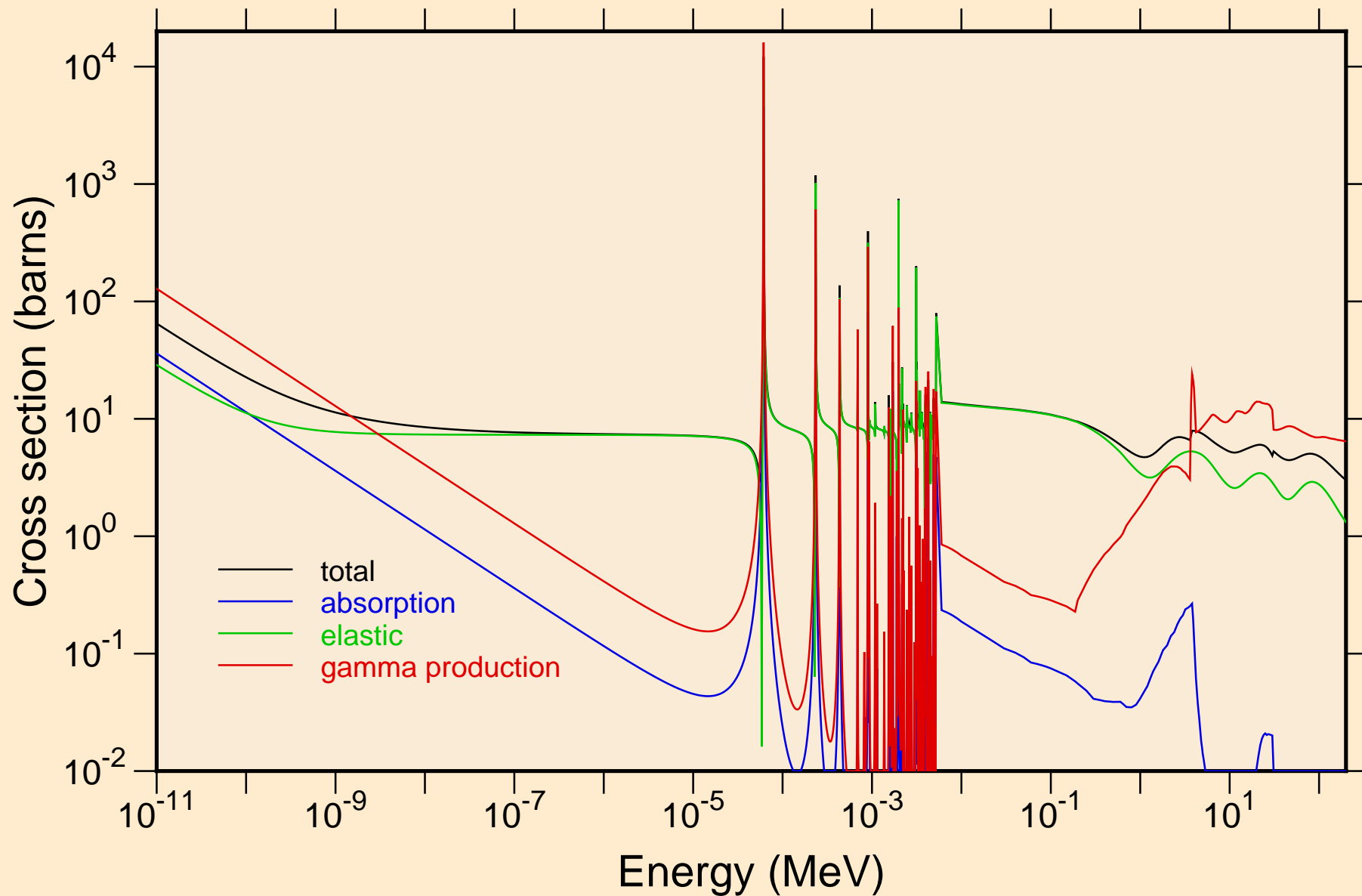
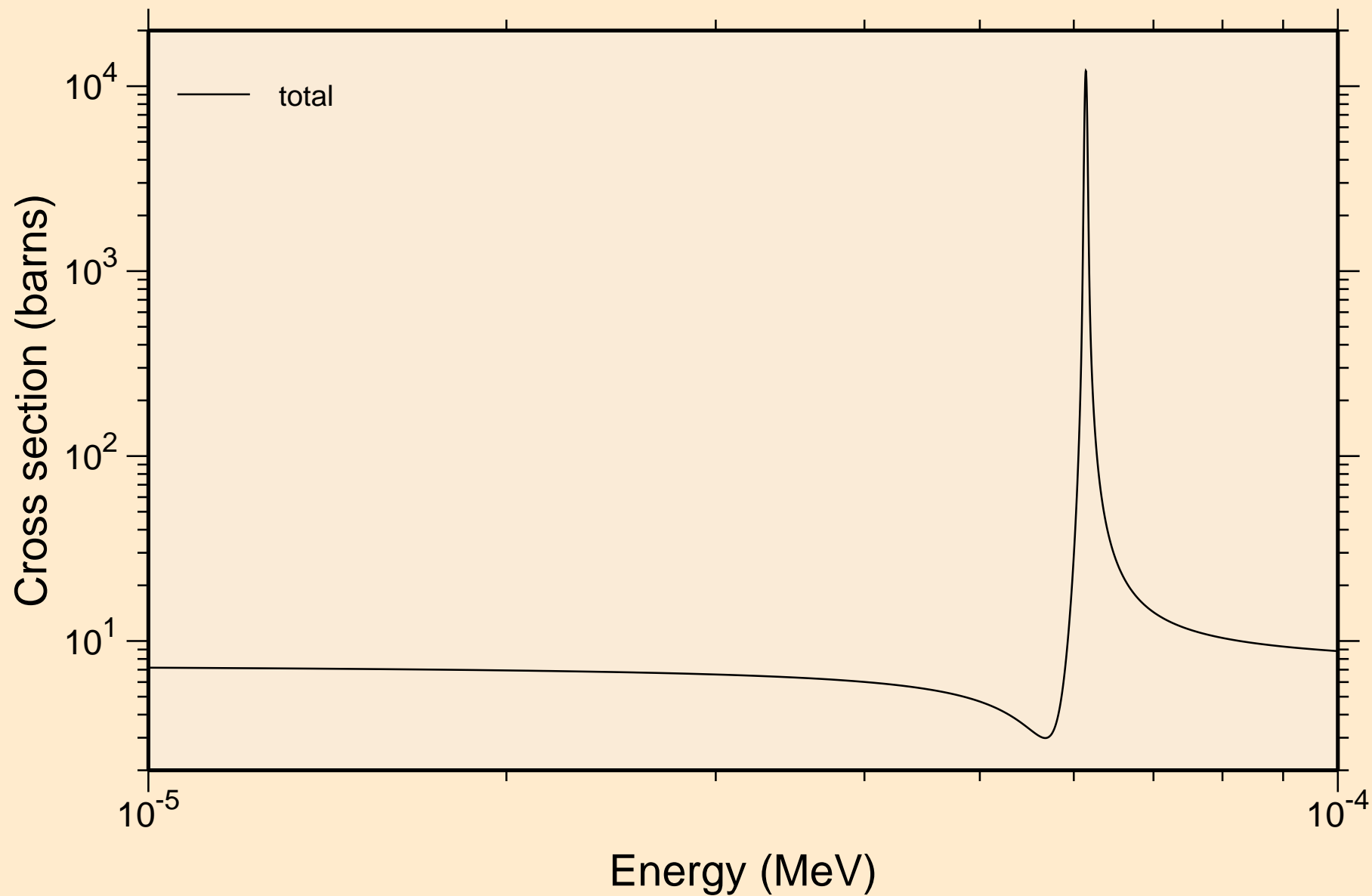


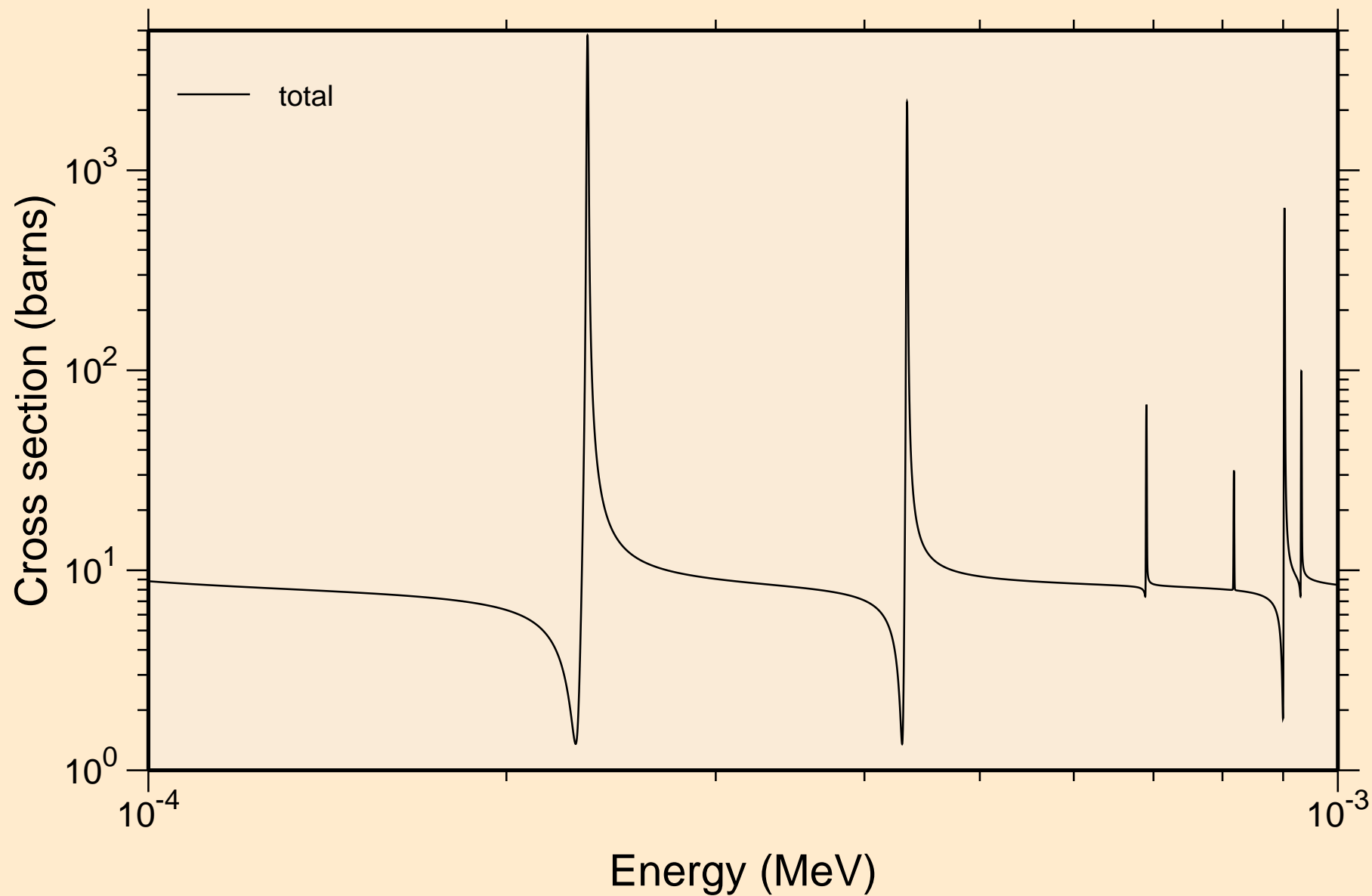
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



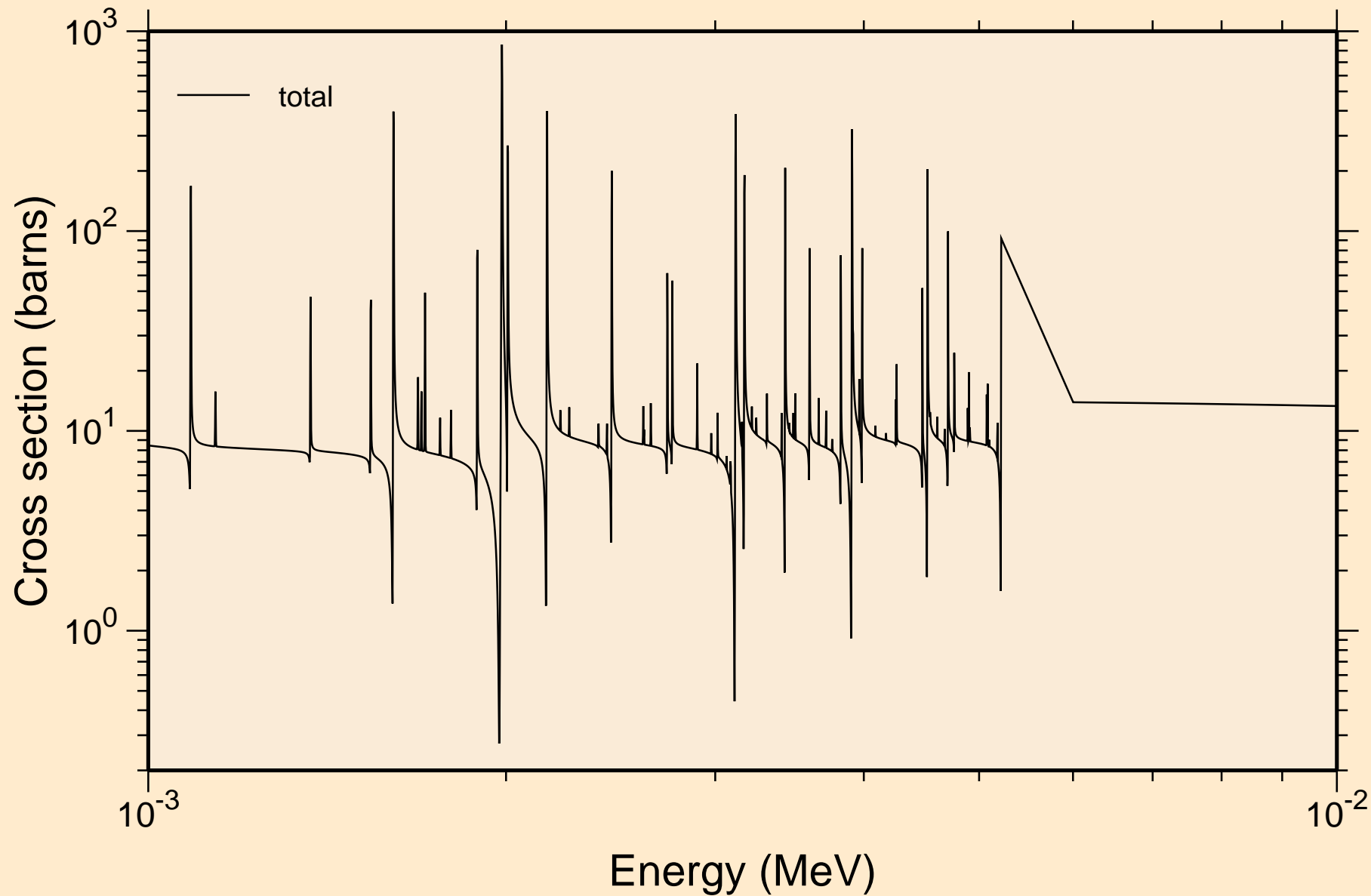
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



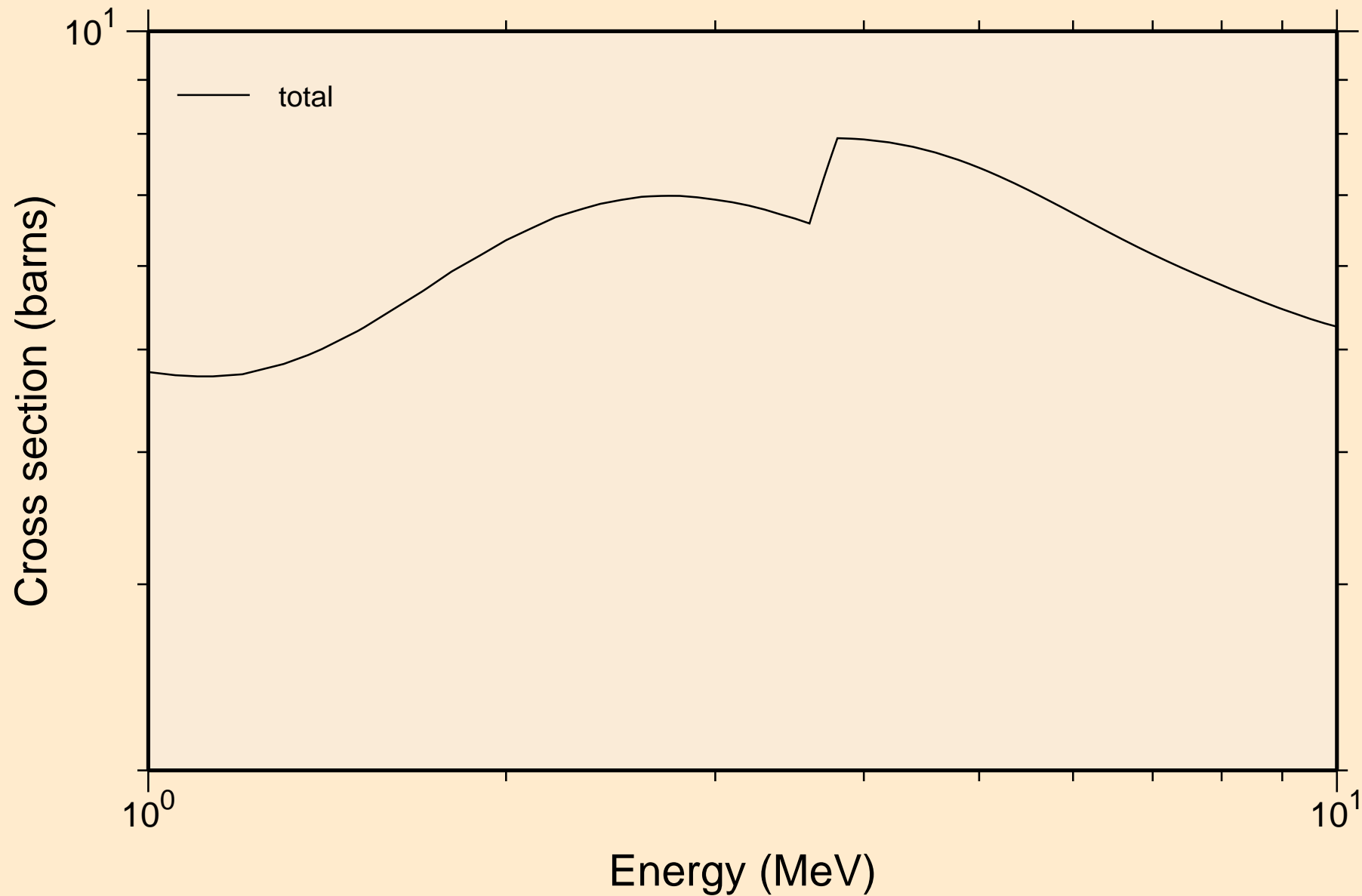
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resonance total cross section



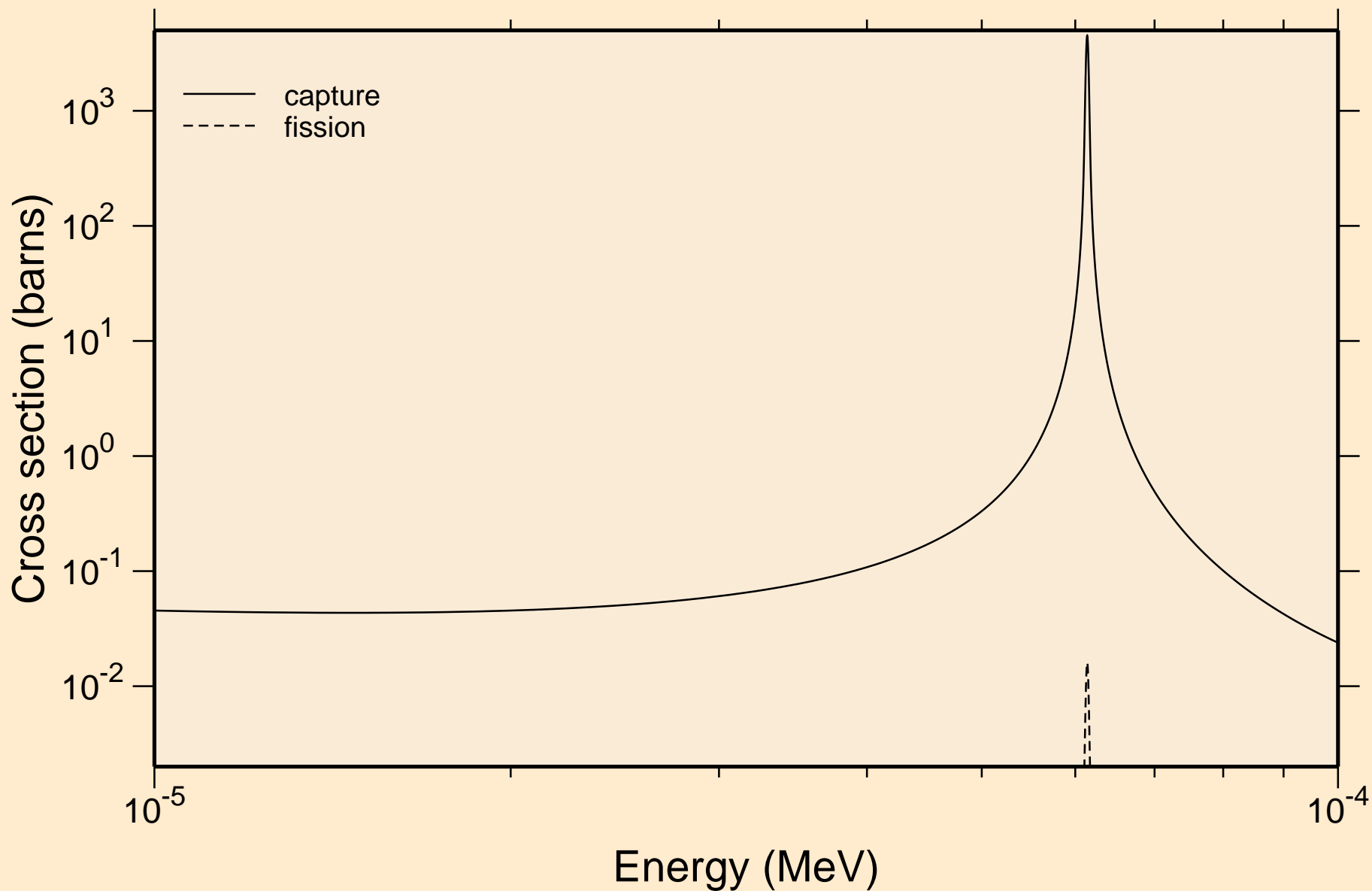
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resonance total cross section



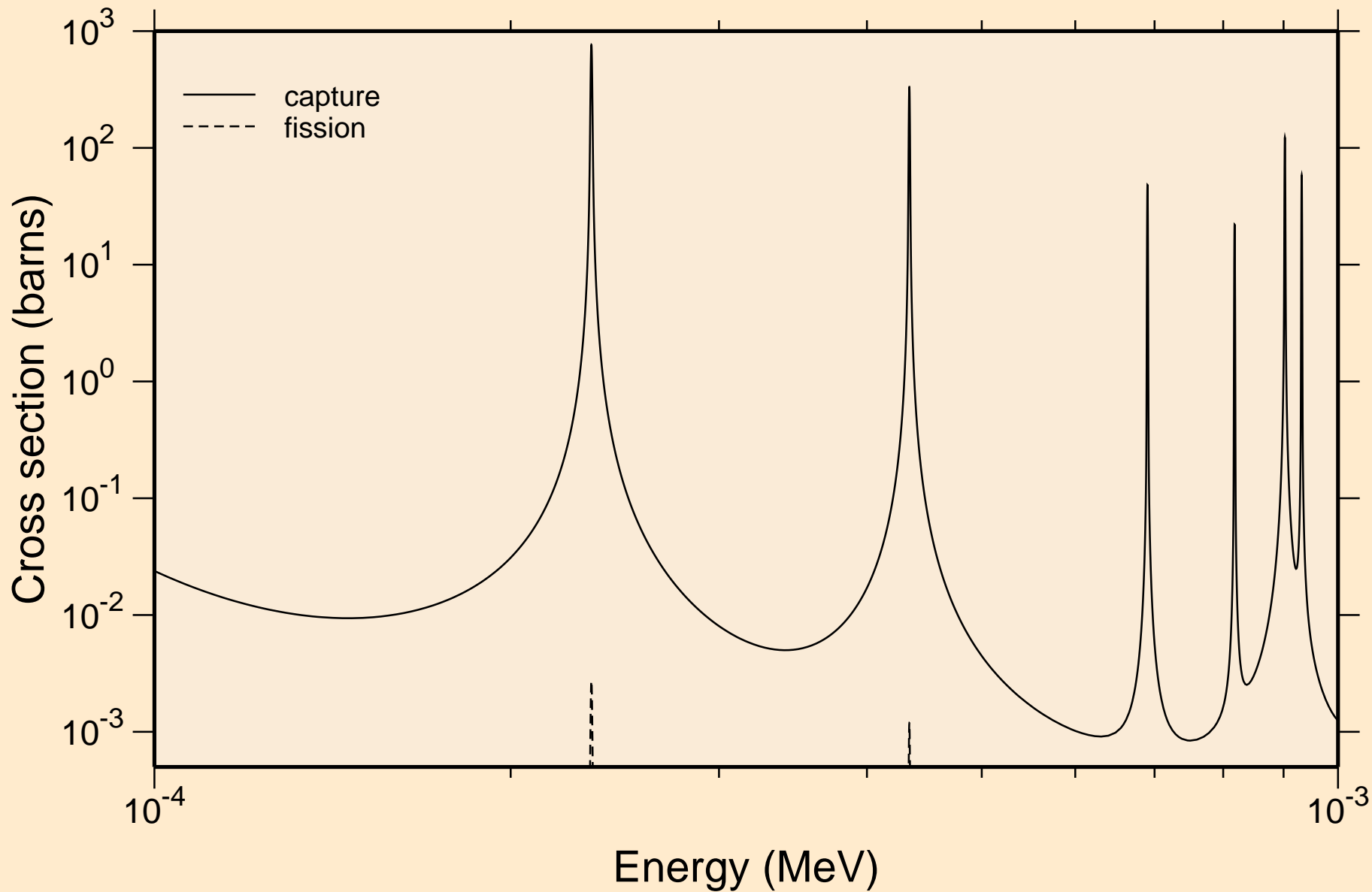
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resonance total cross section



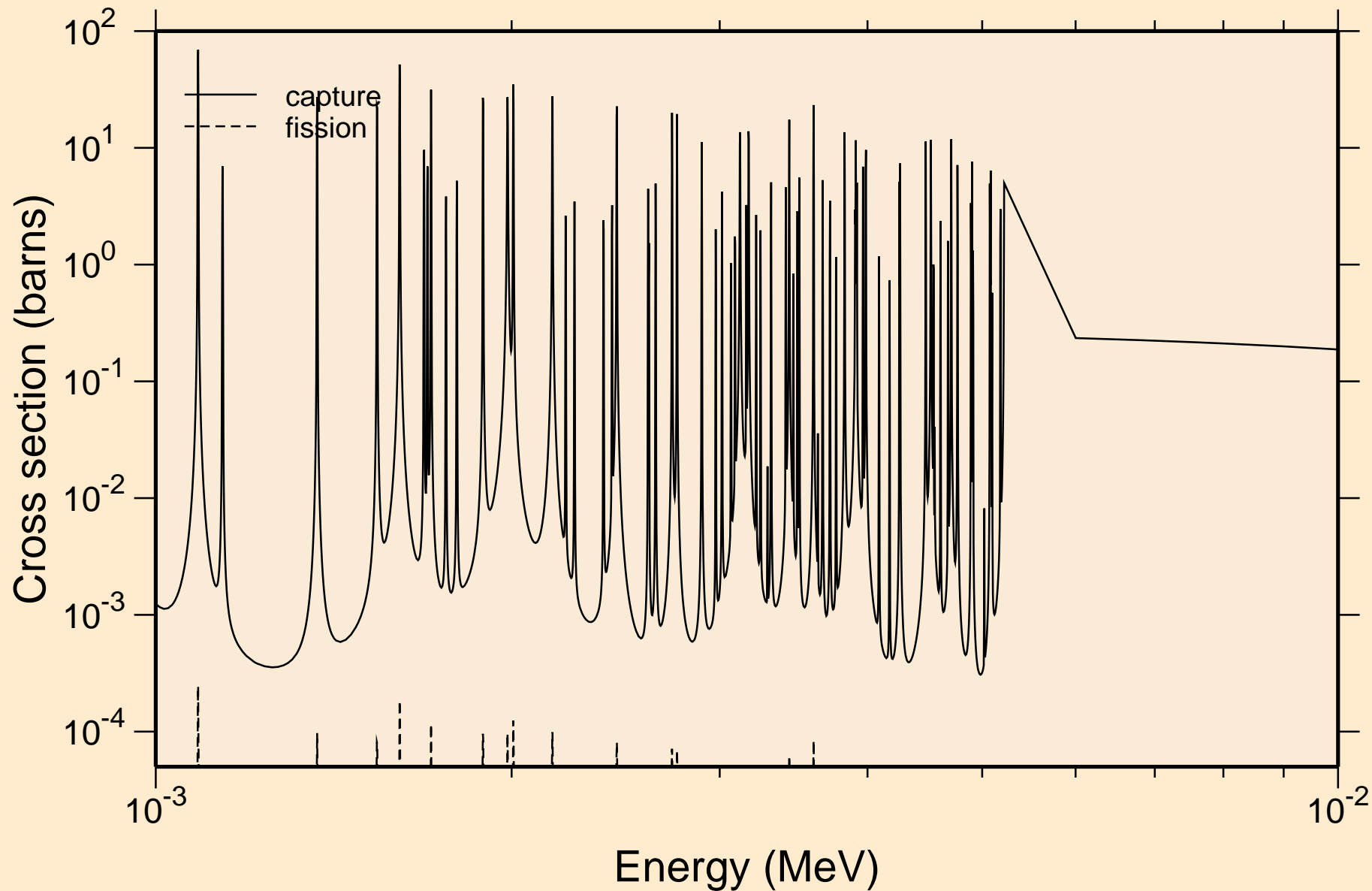
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resonance absorption cross sections



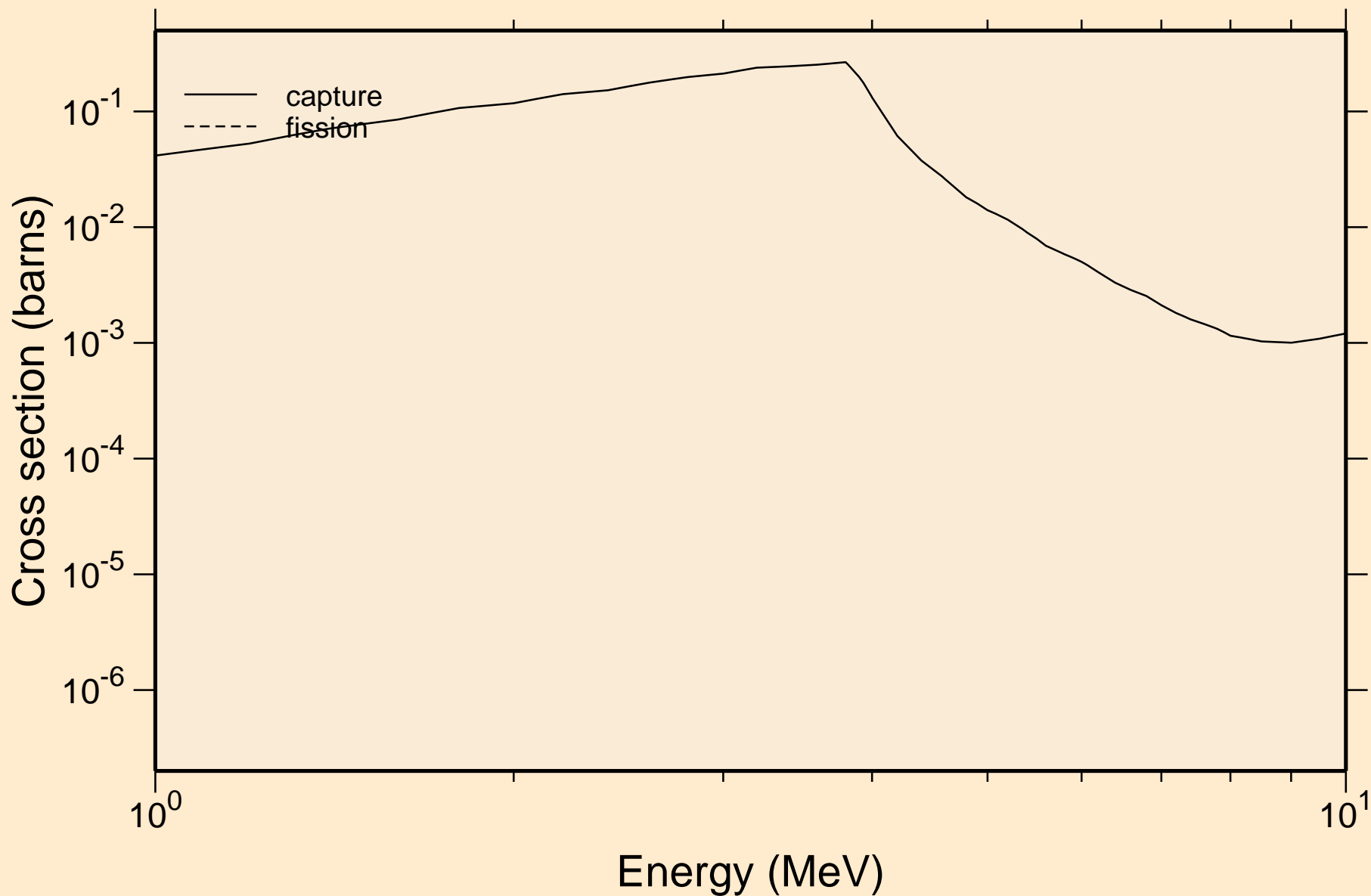
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resonance absorption cross sections



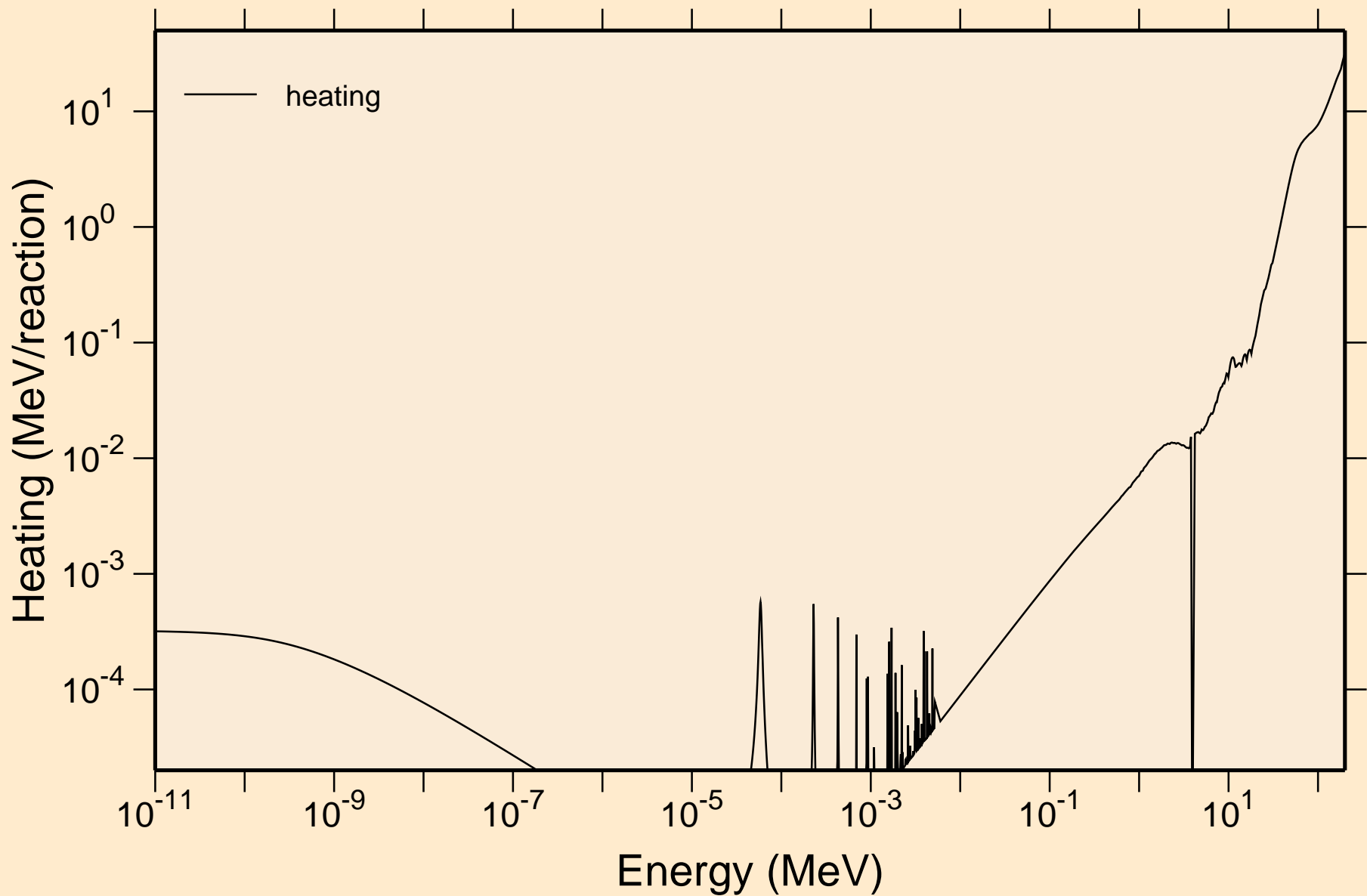
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resonance absorption cross sections



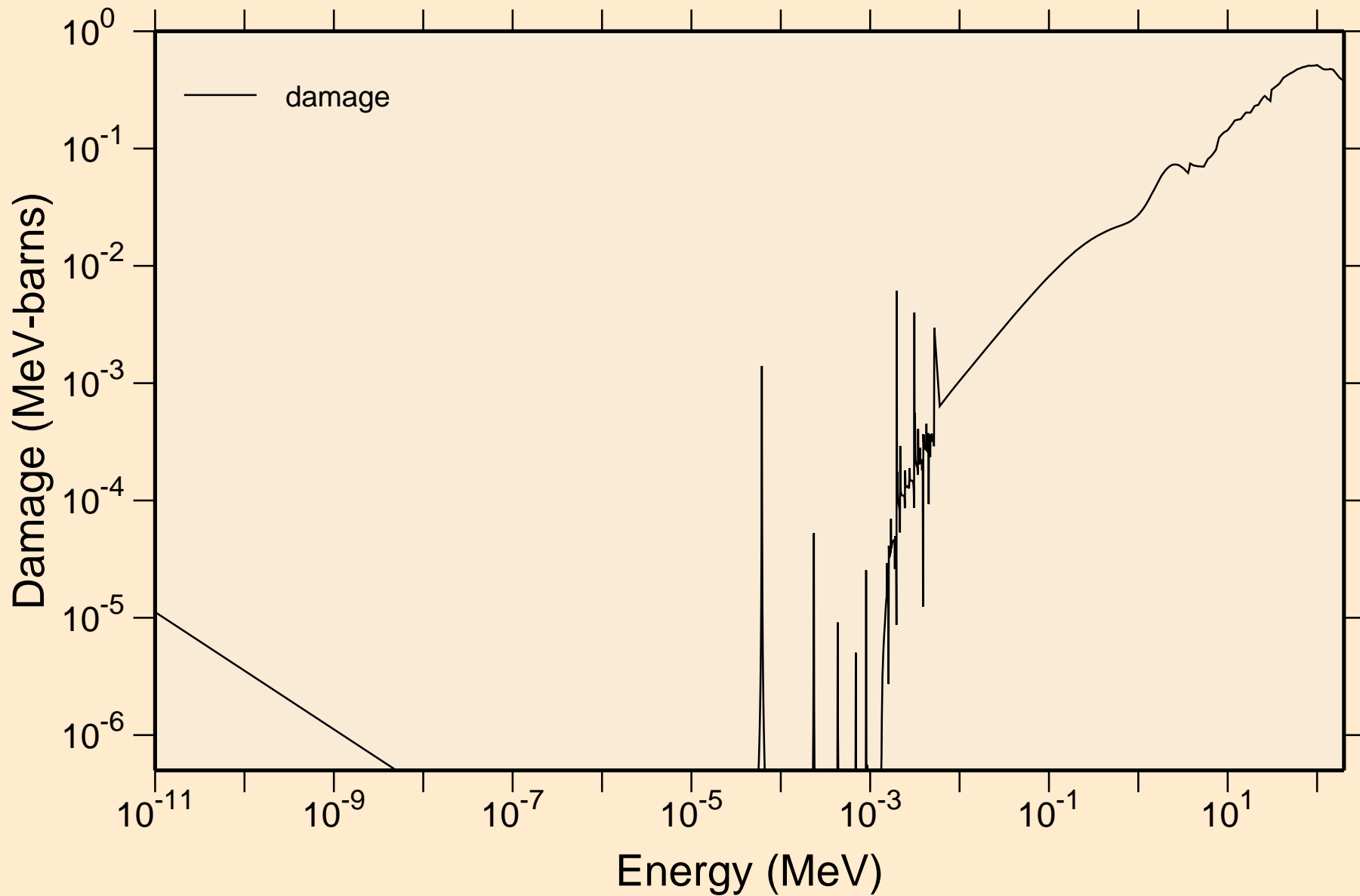
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resonance absorption cross sections



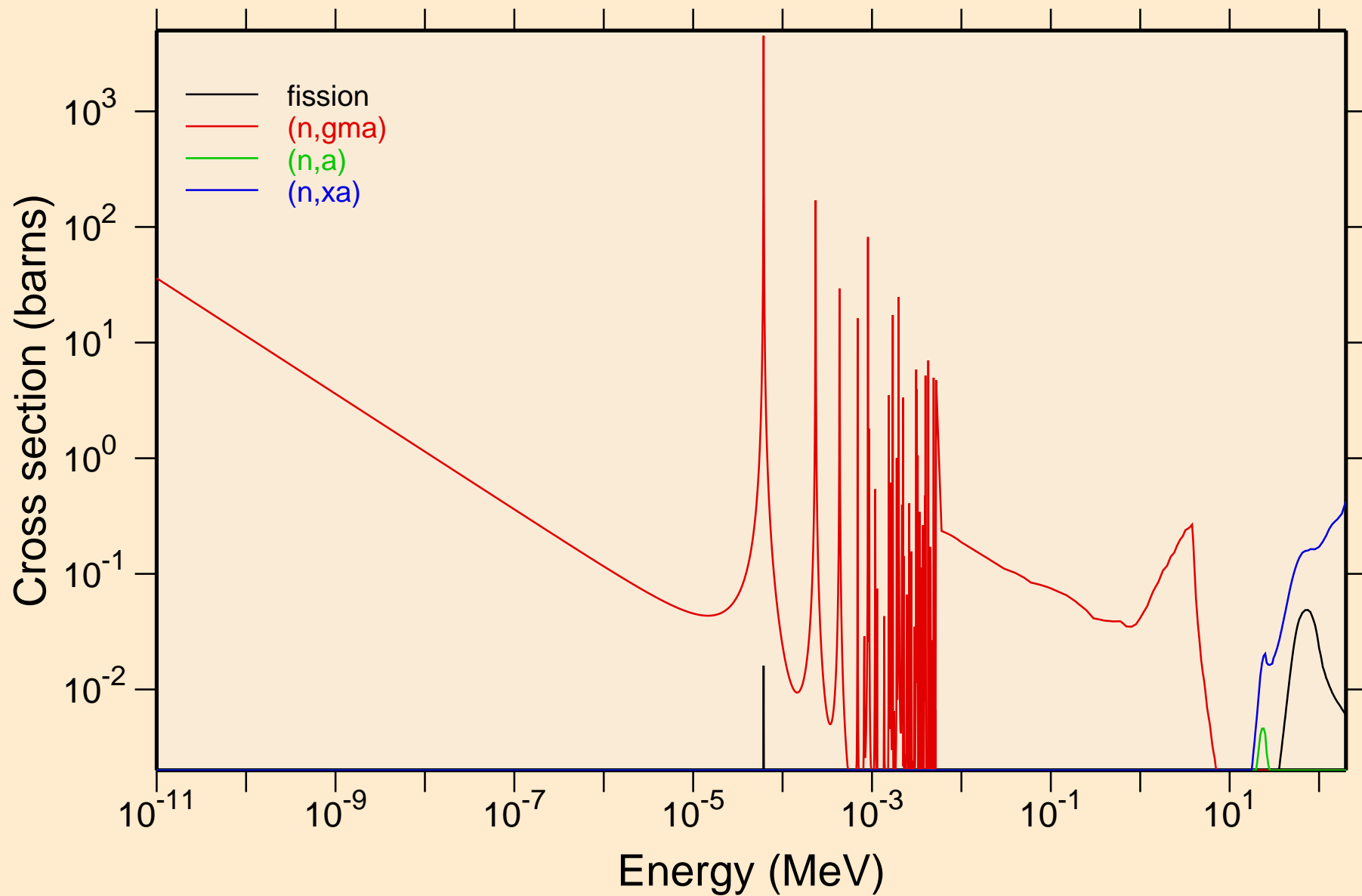
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



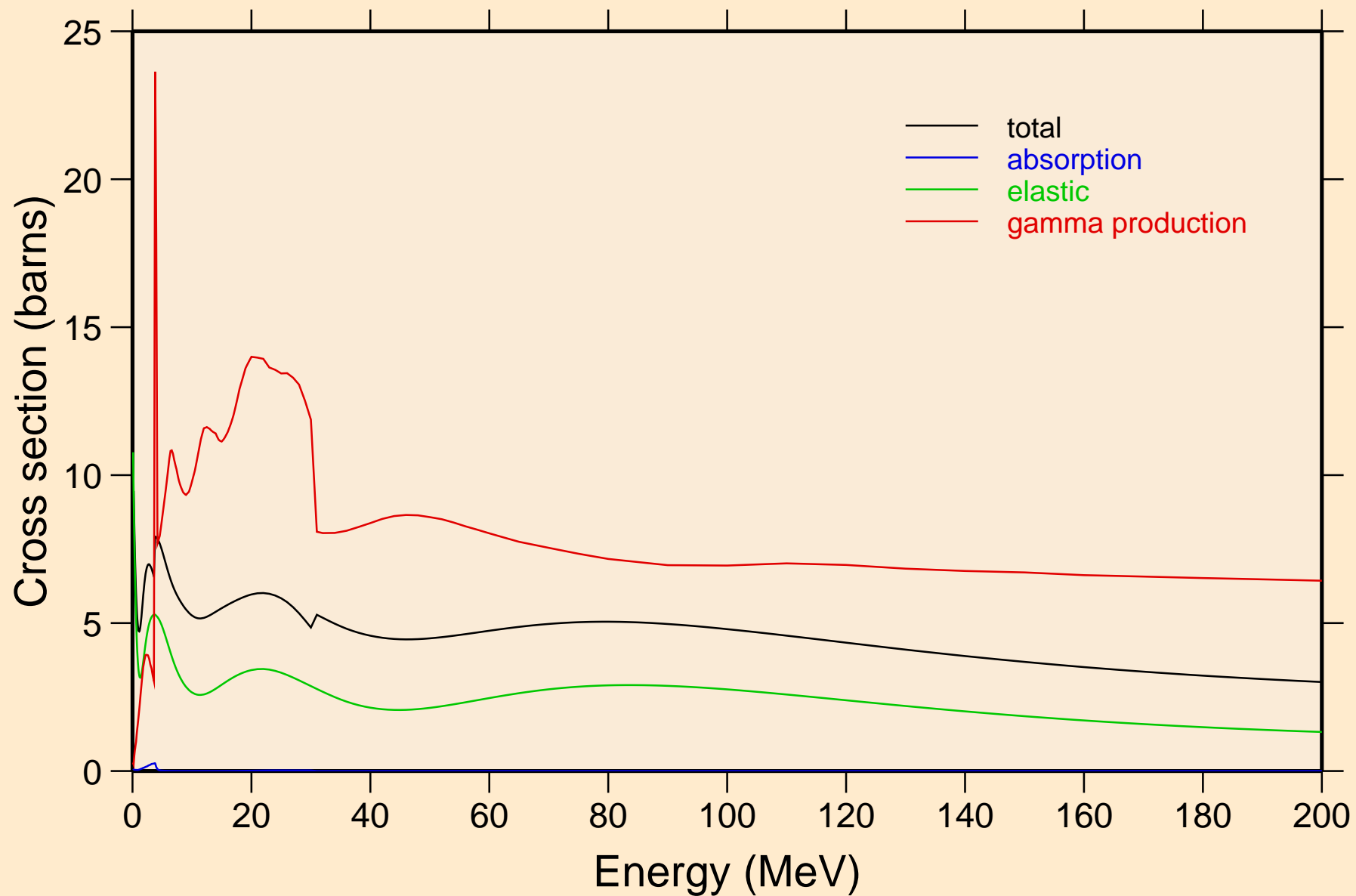
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Damage



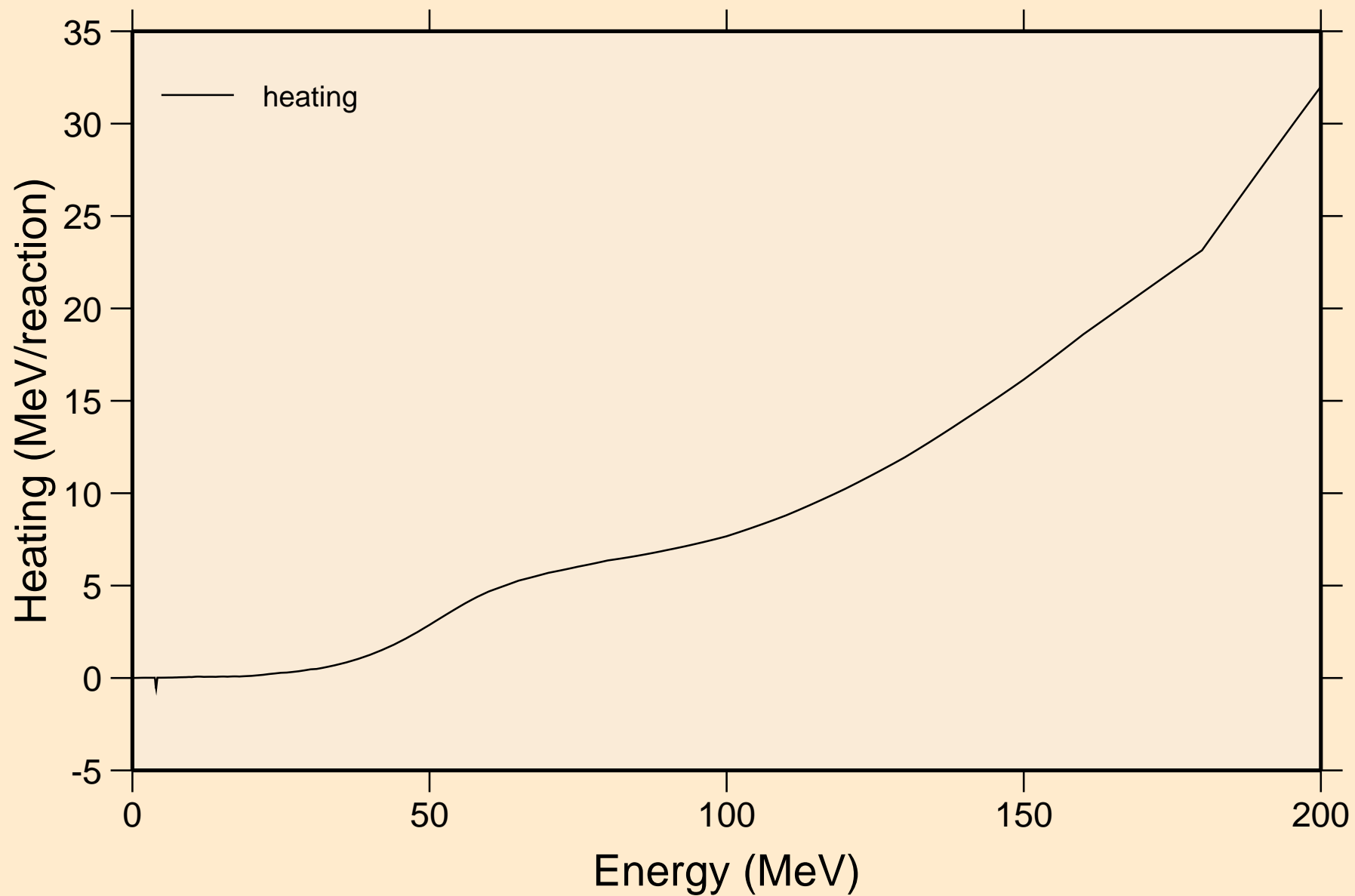
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



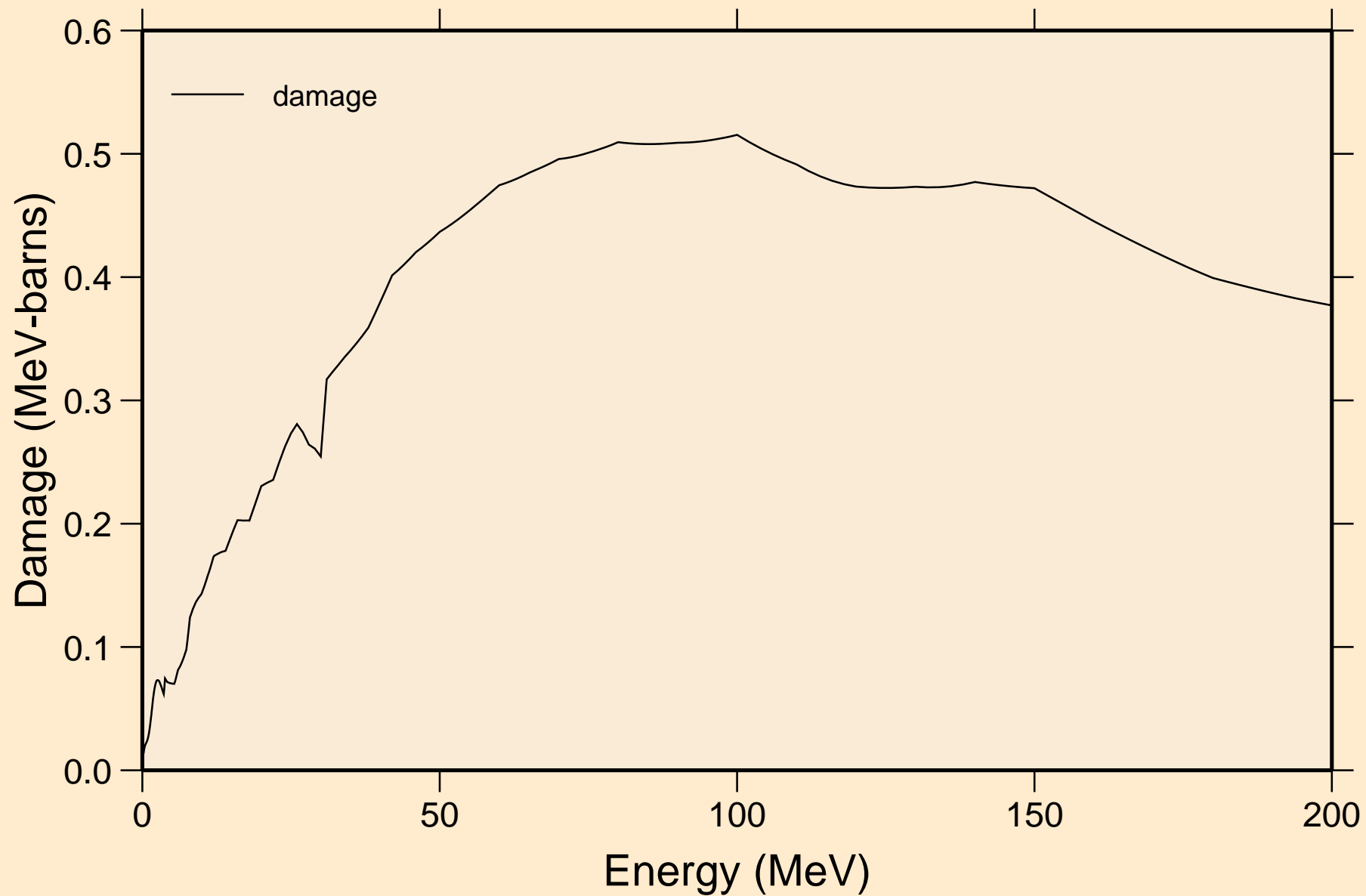
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



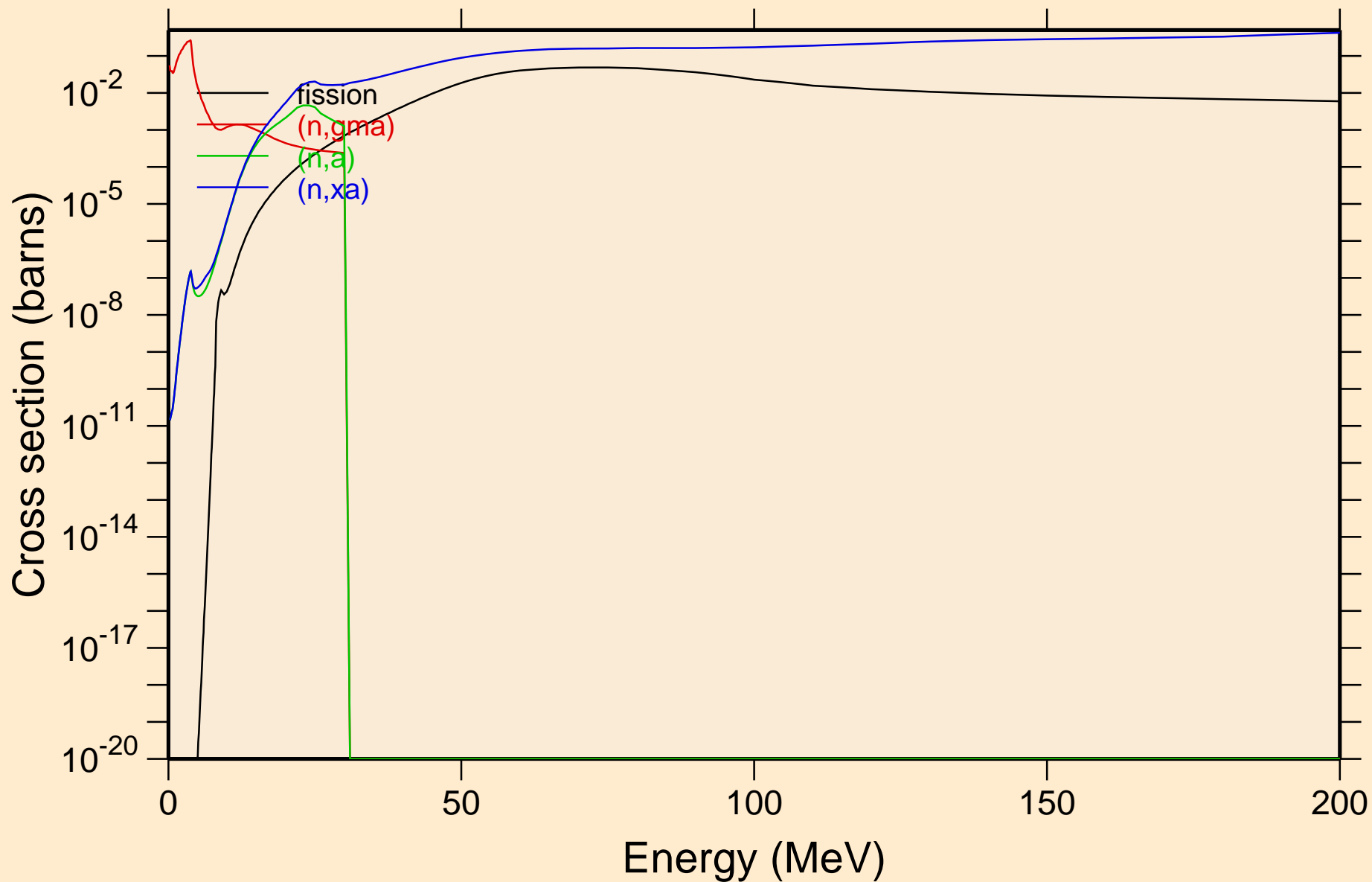
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



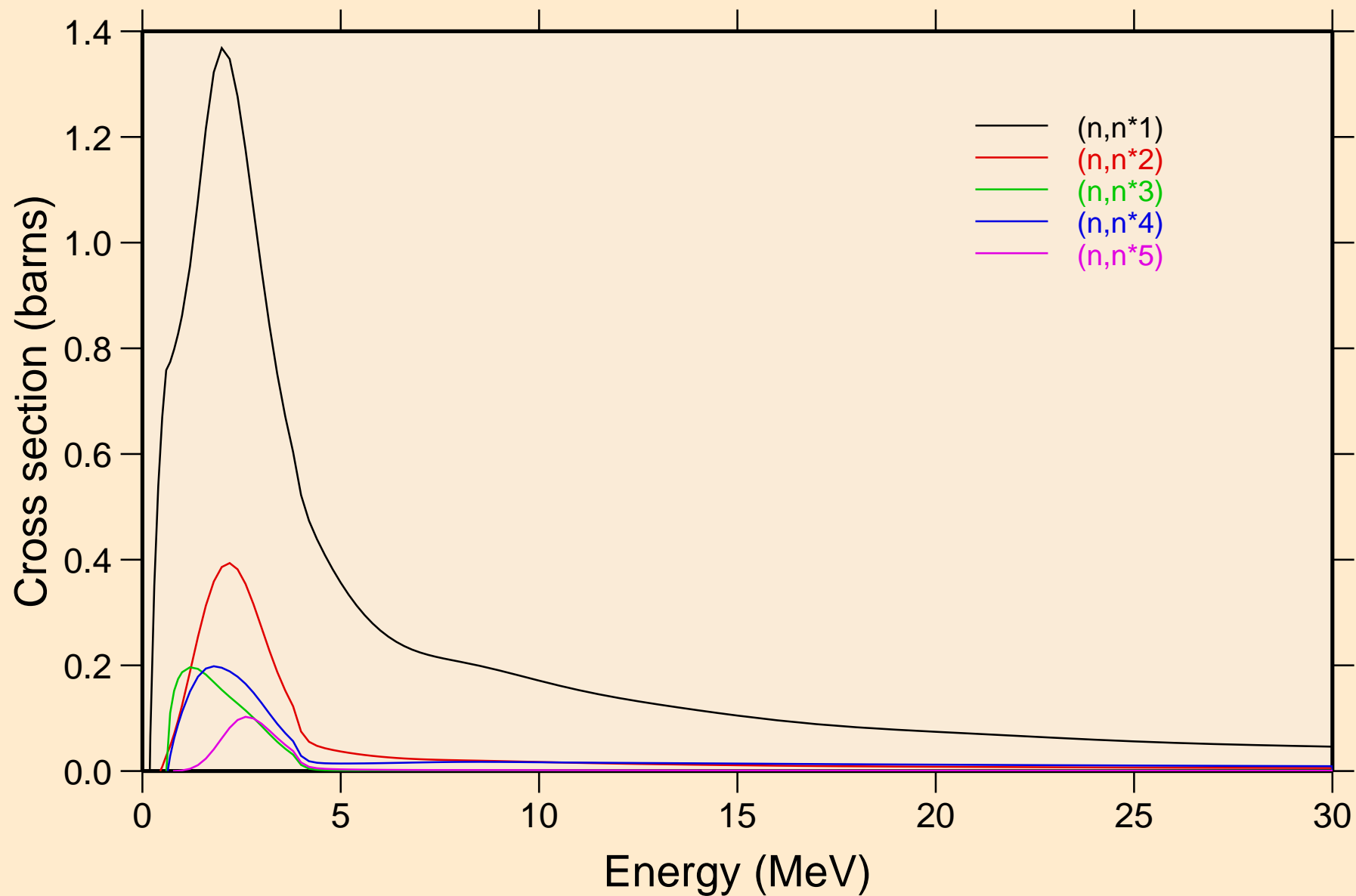
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Damage



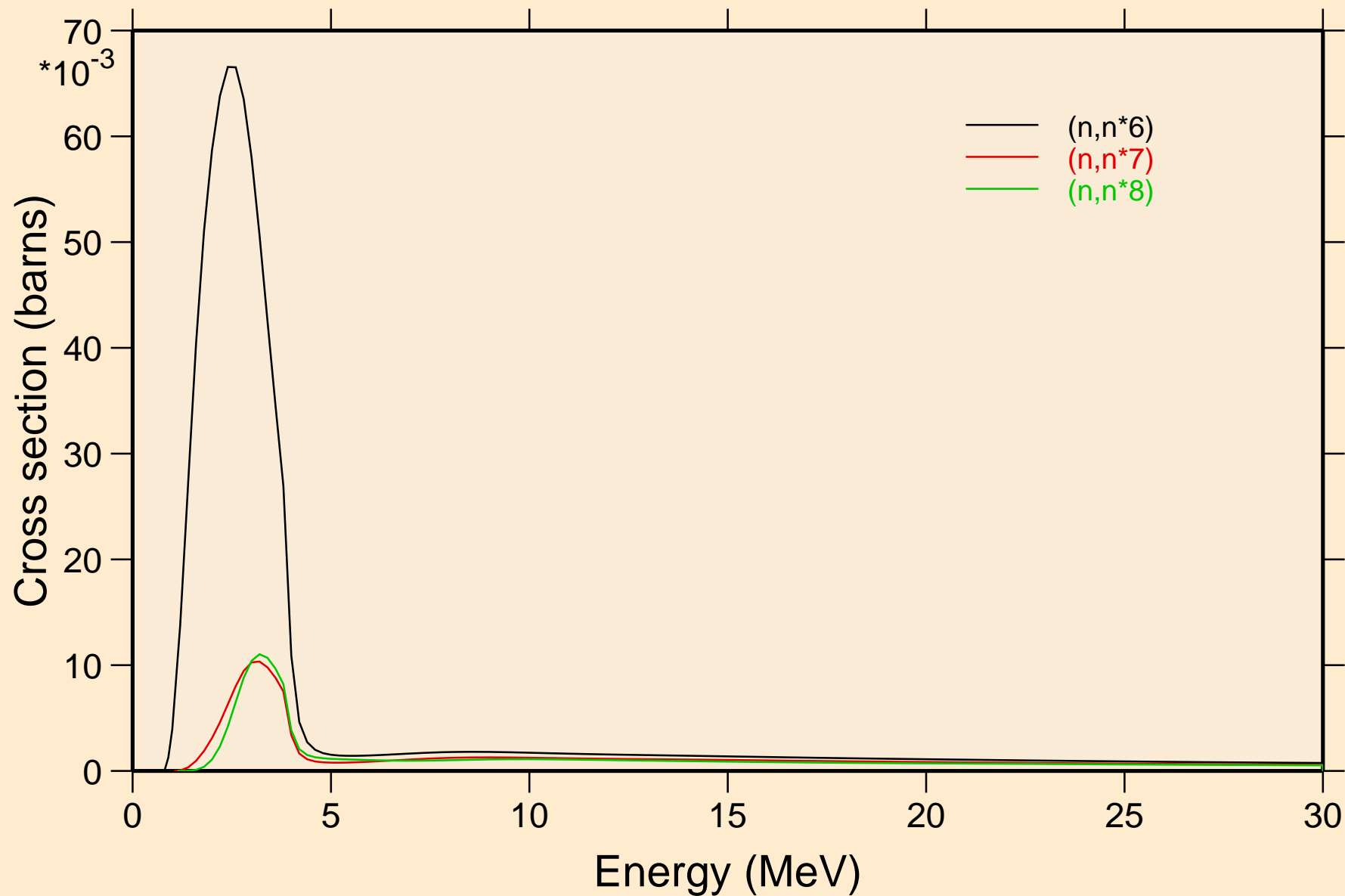
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

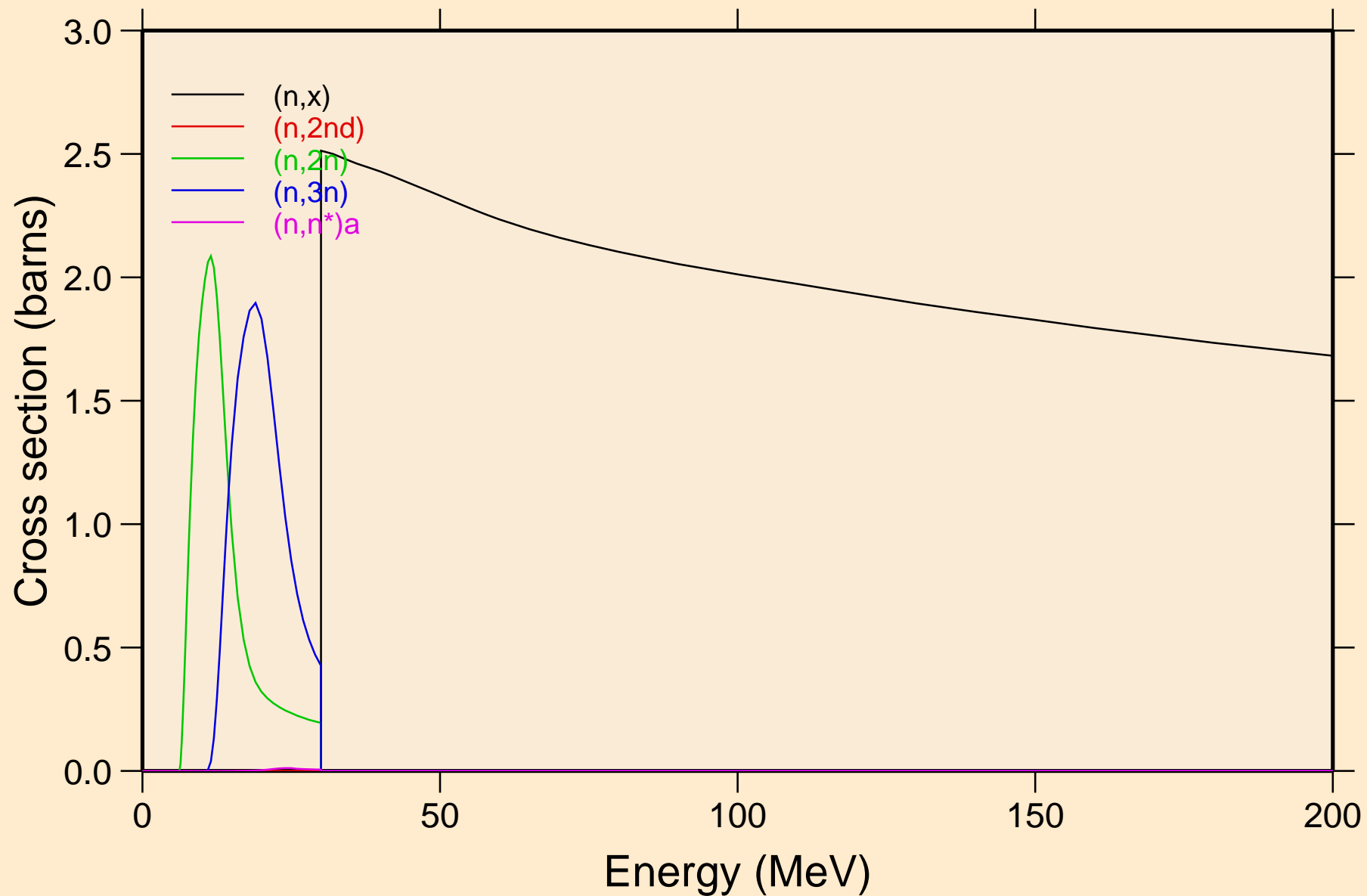


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

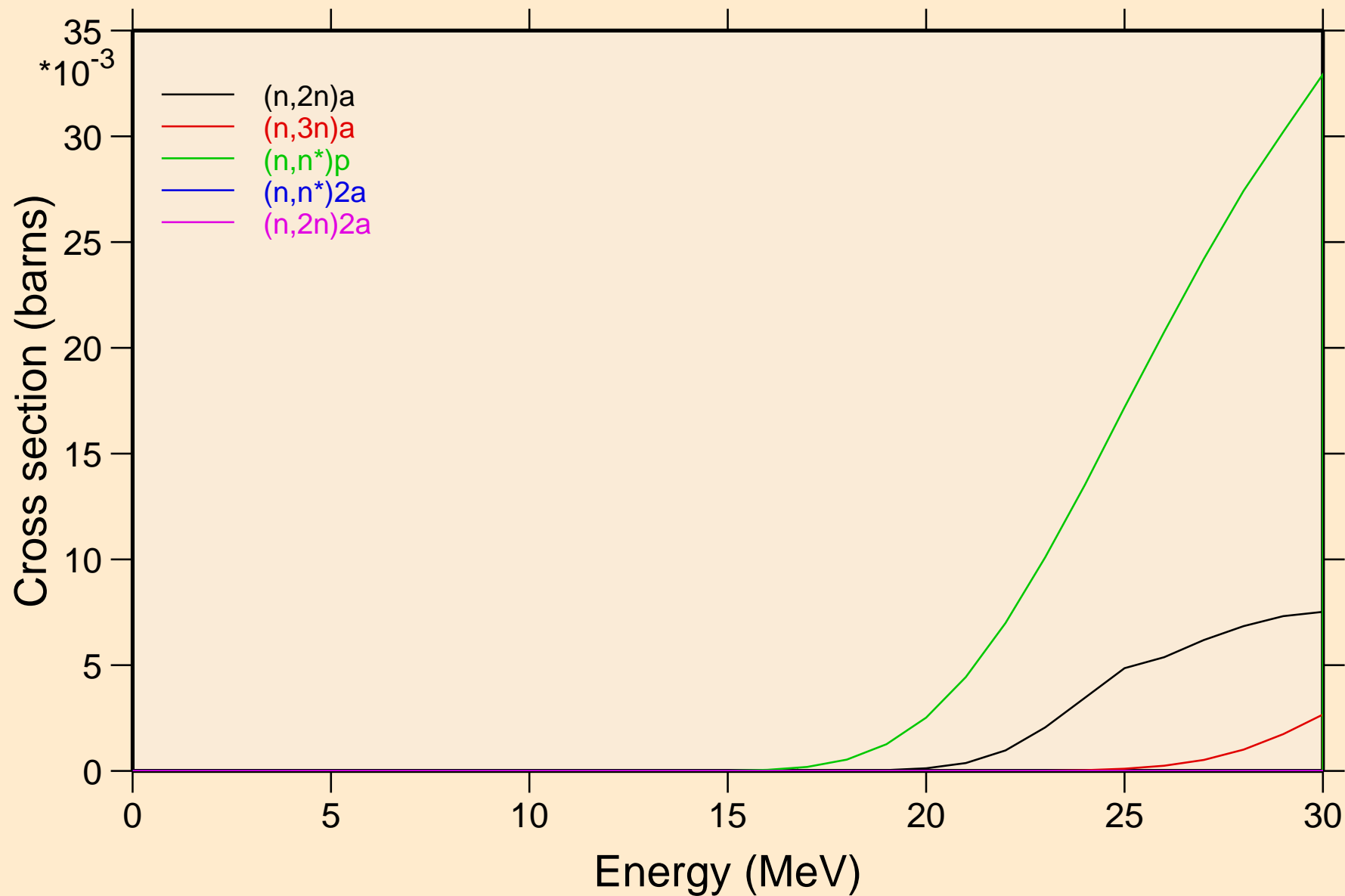


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

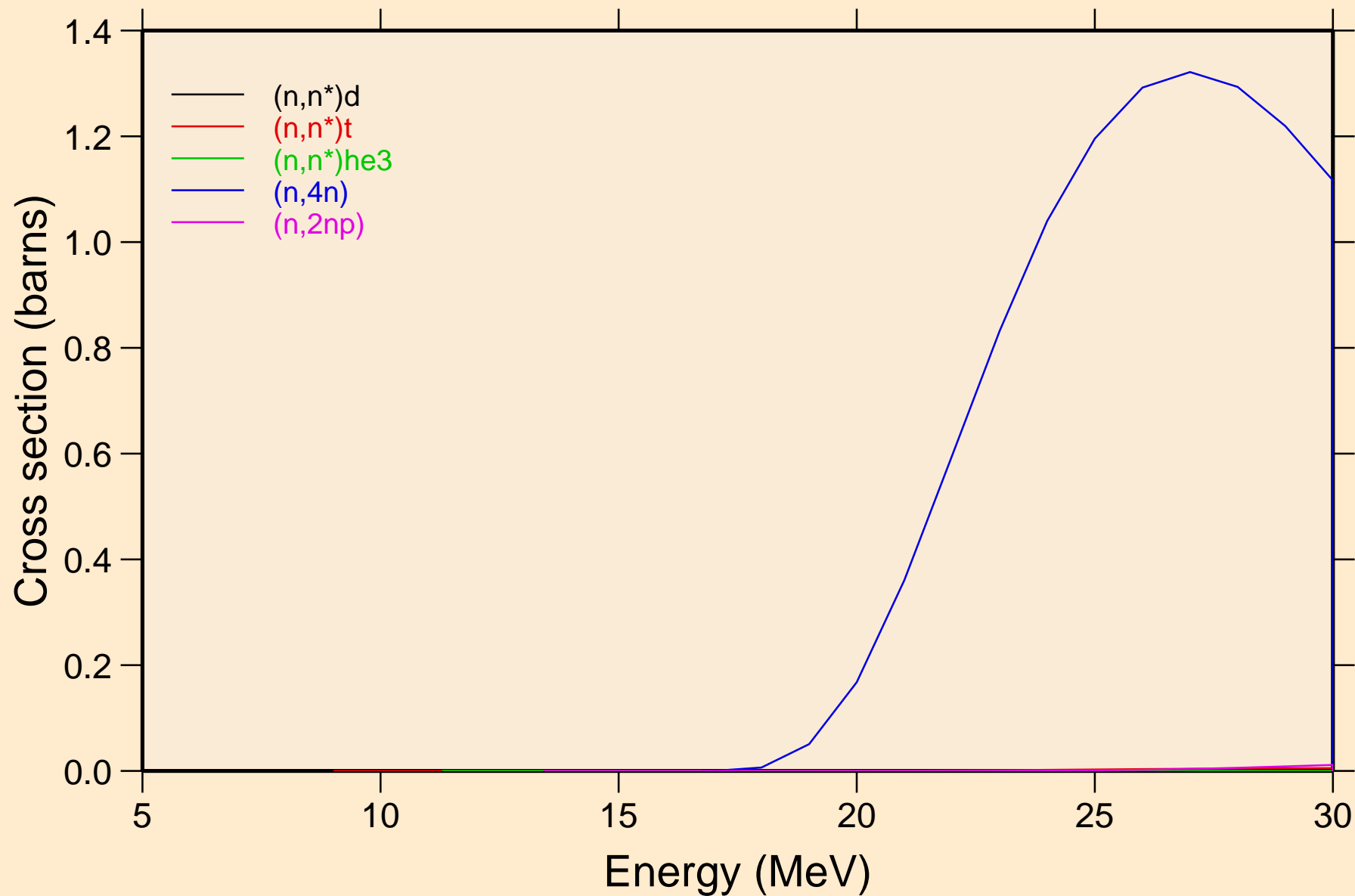
Threshold reactions



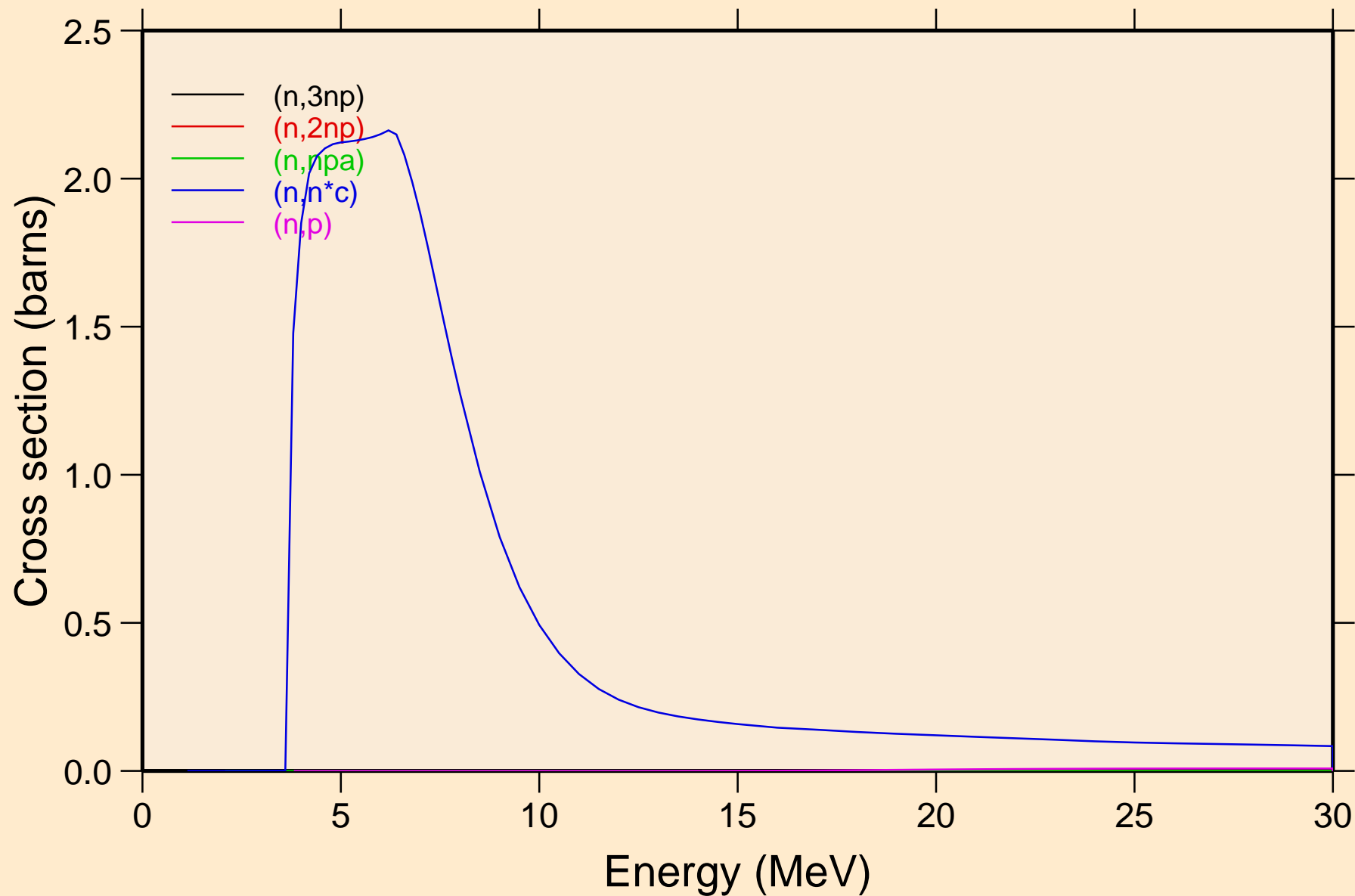
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



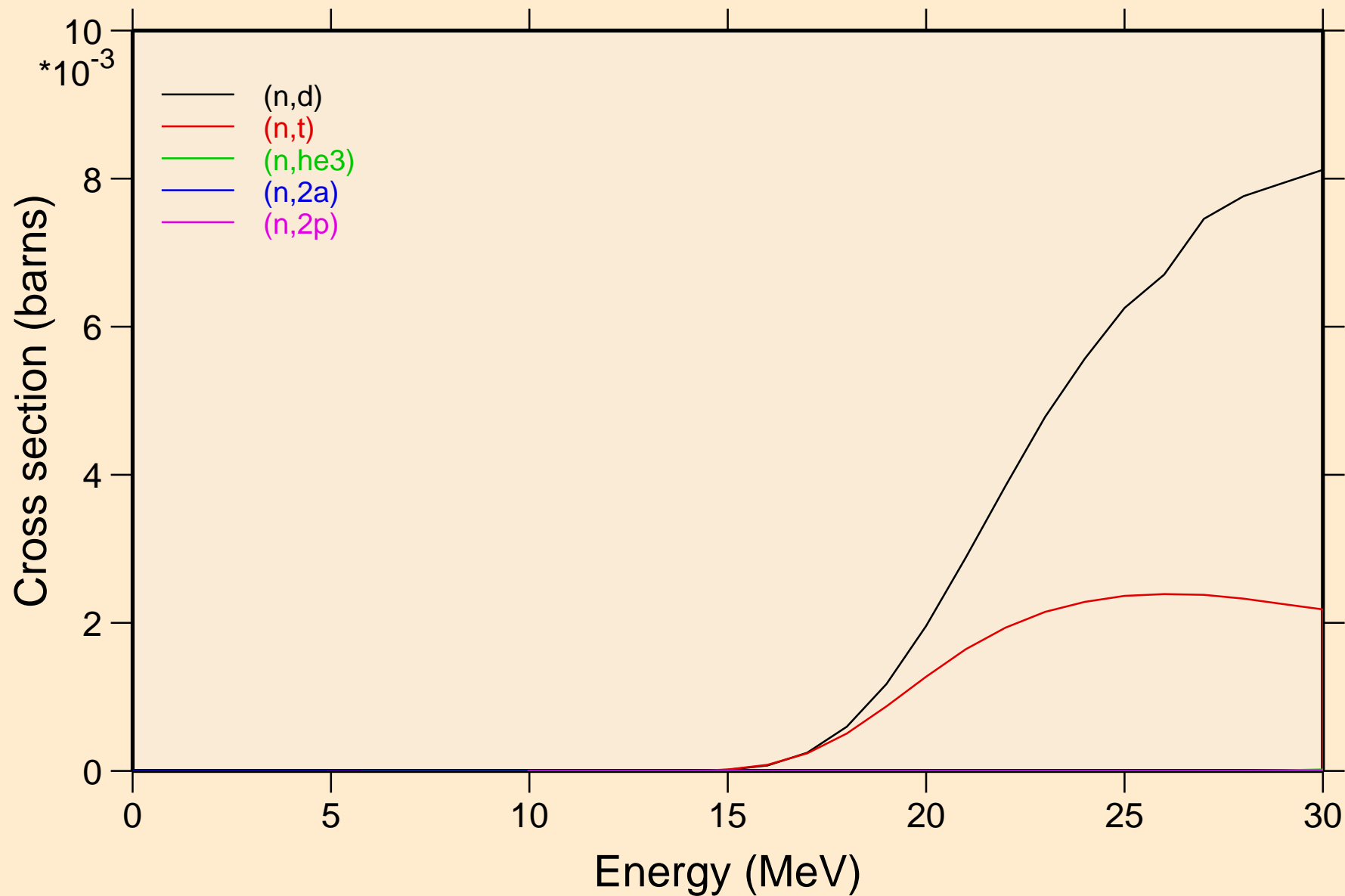
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Threshold reactions



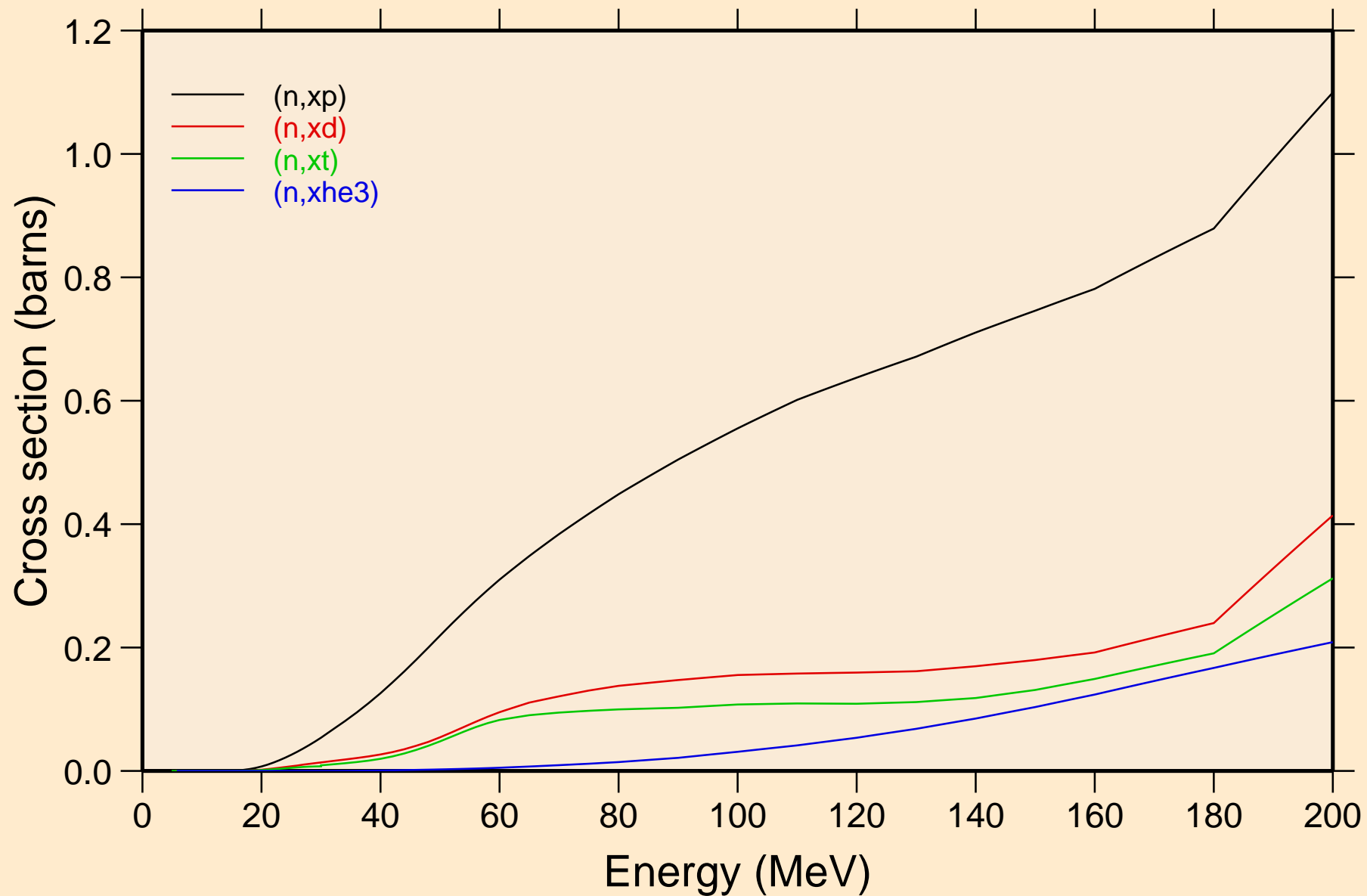
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Threshold reactions



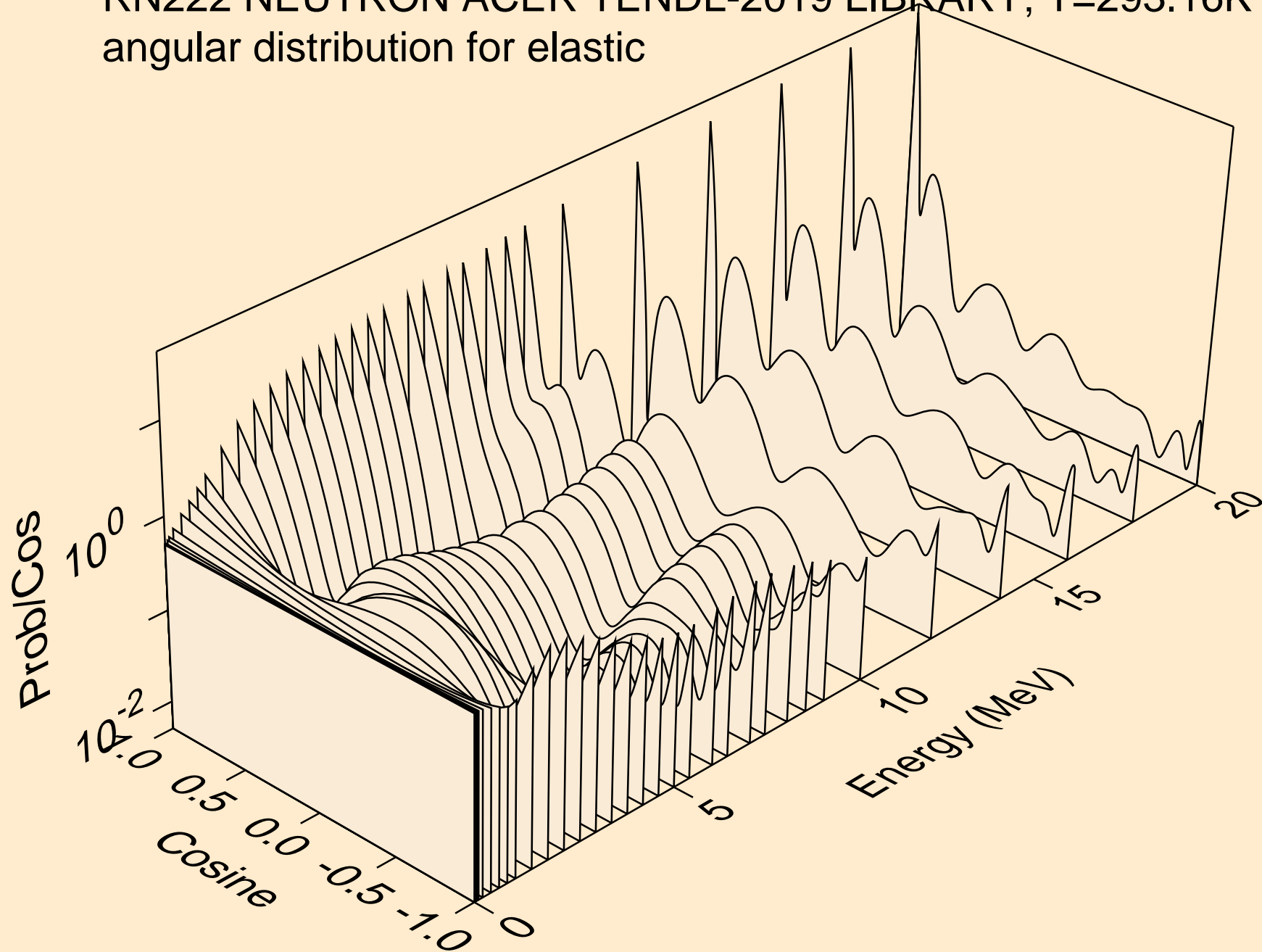
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Threshold reactions



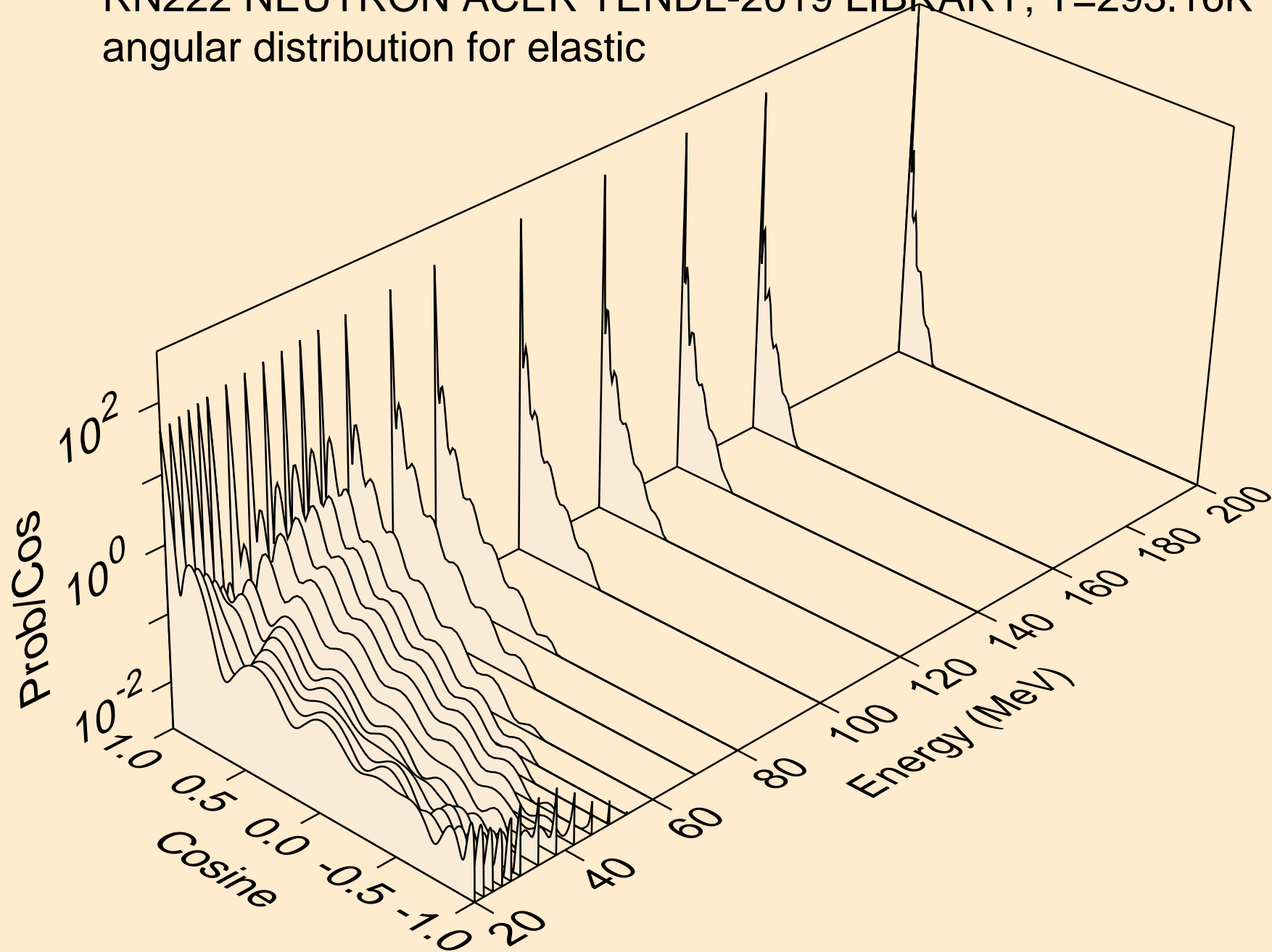
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Threshold reactions



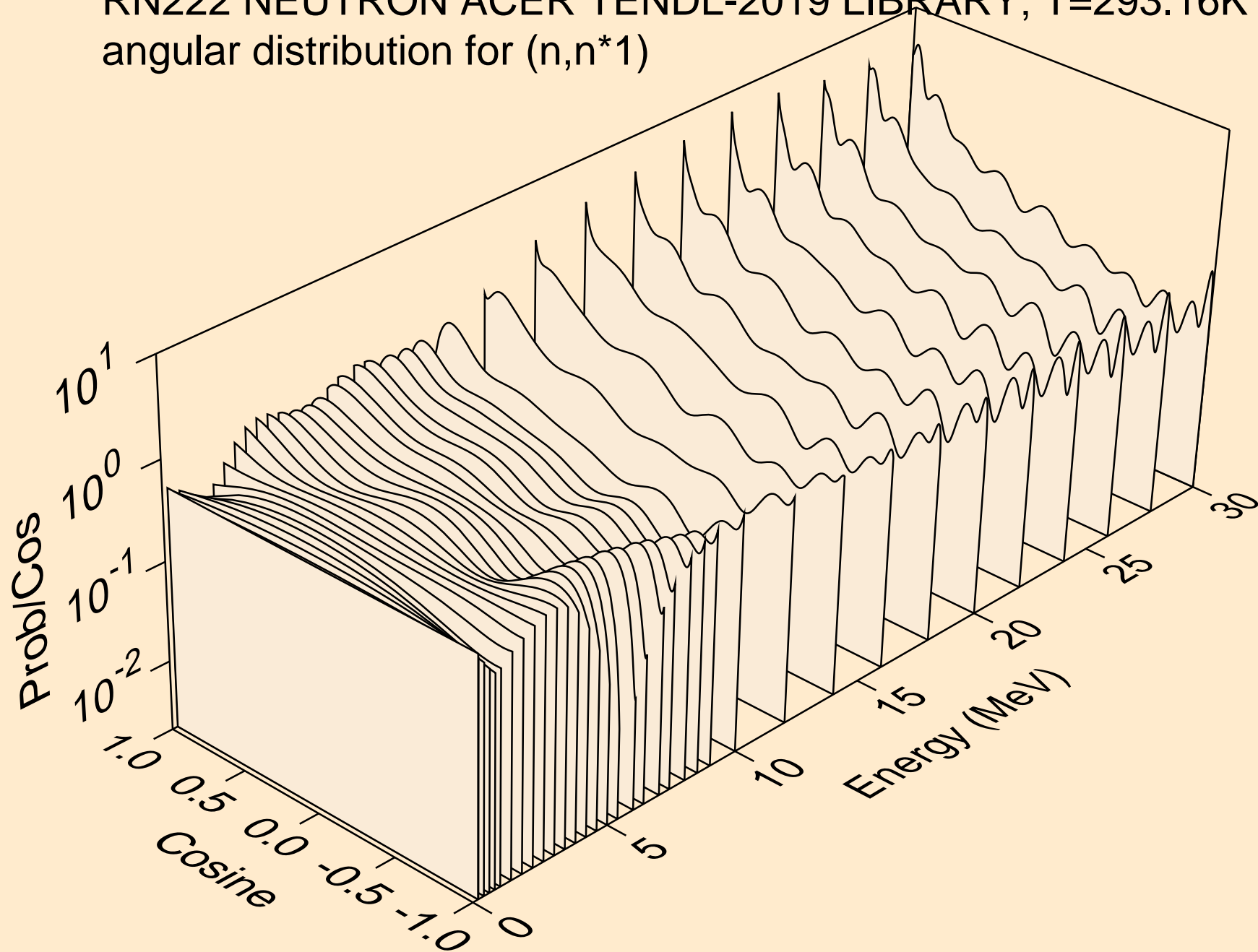
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



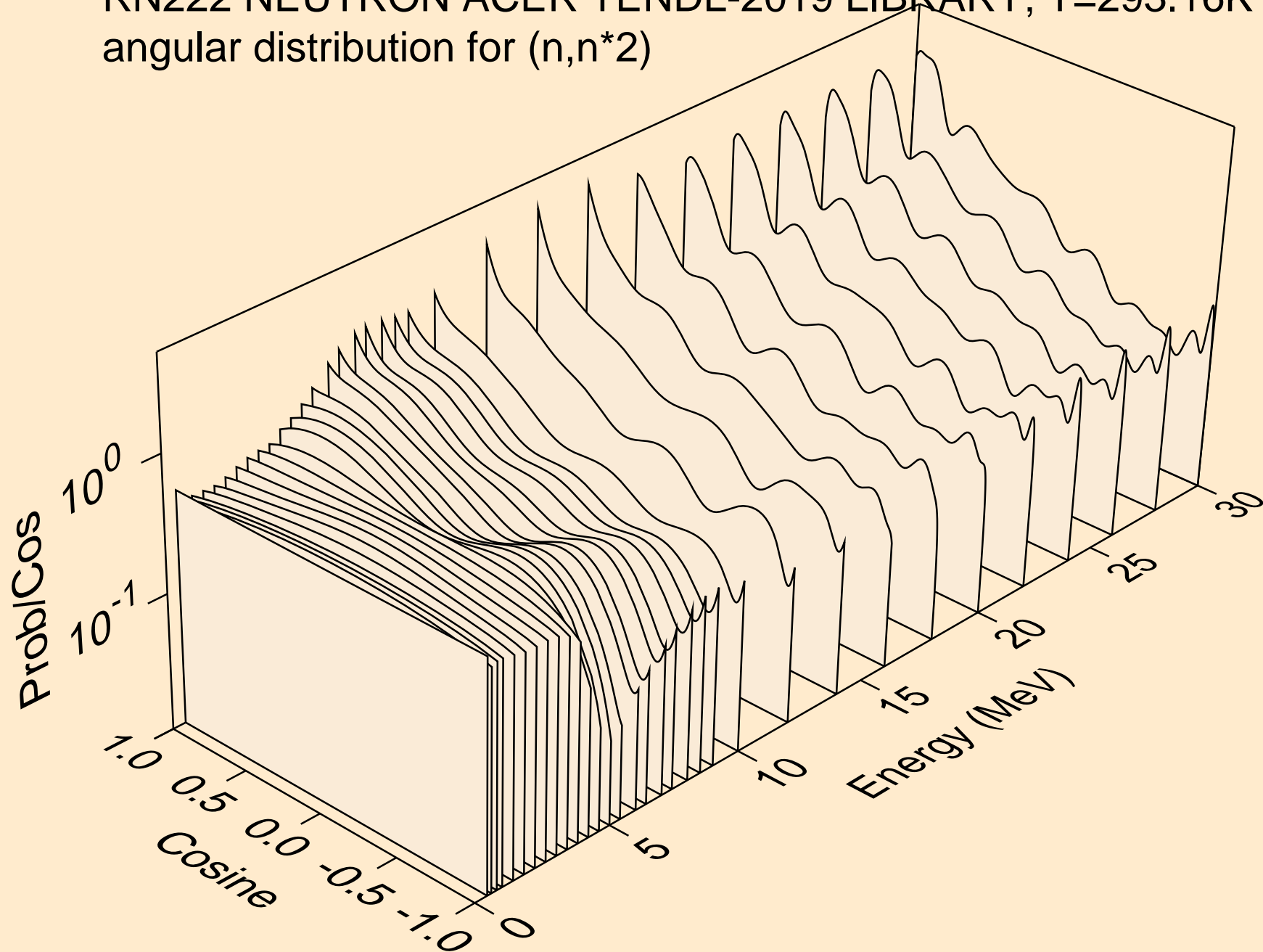
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



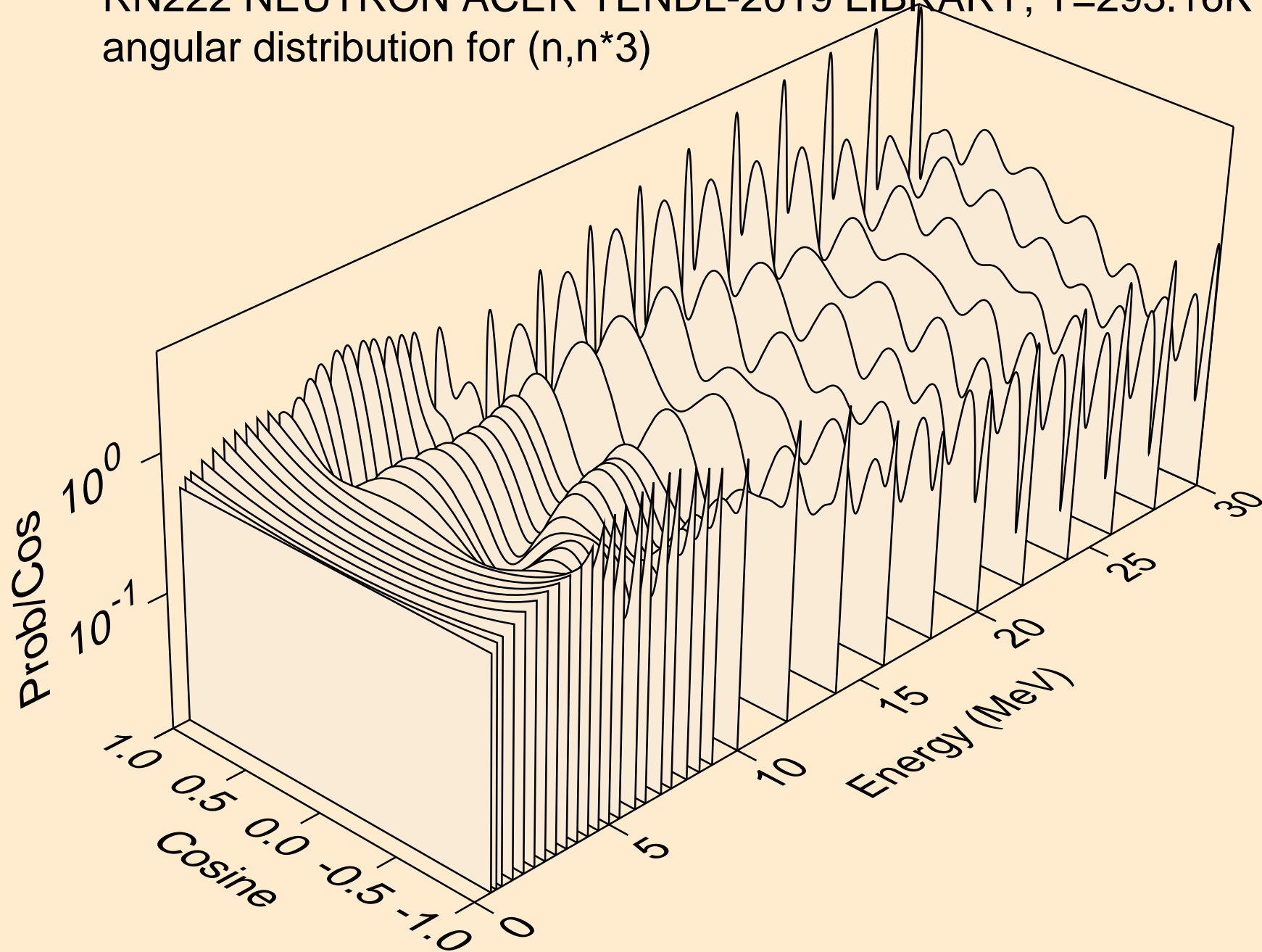
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



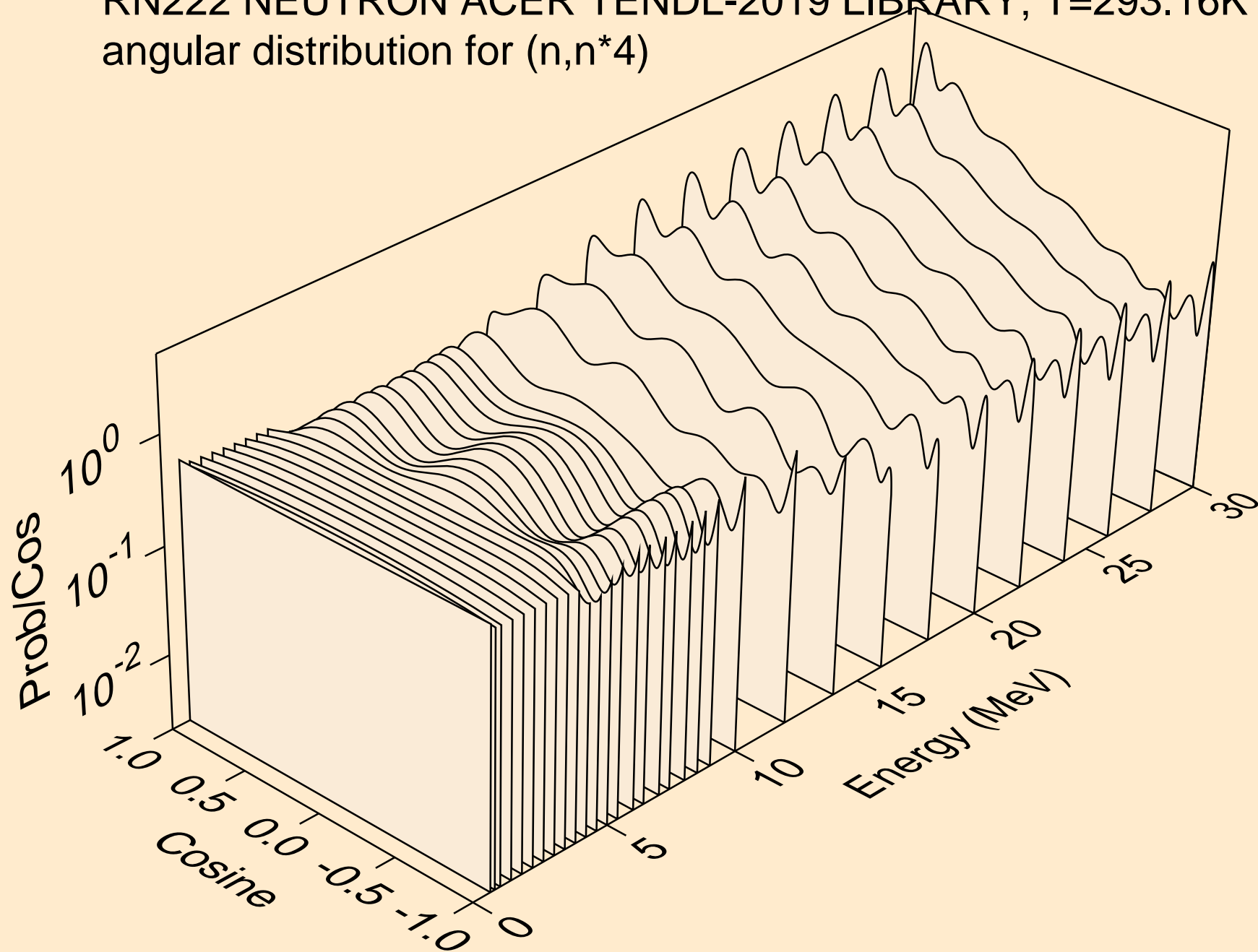
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angular distribution for (n,n*2)



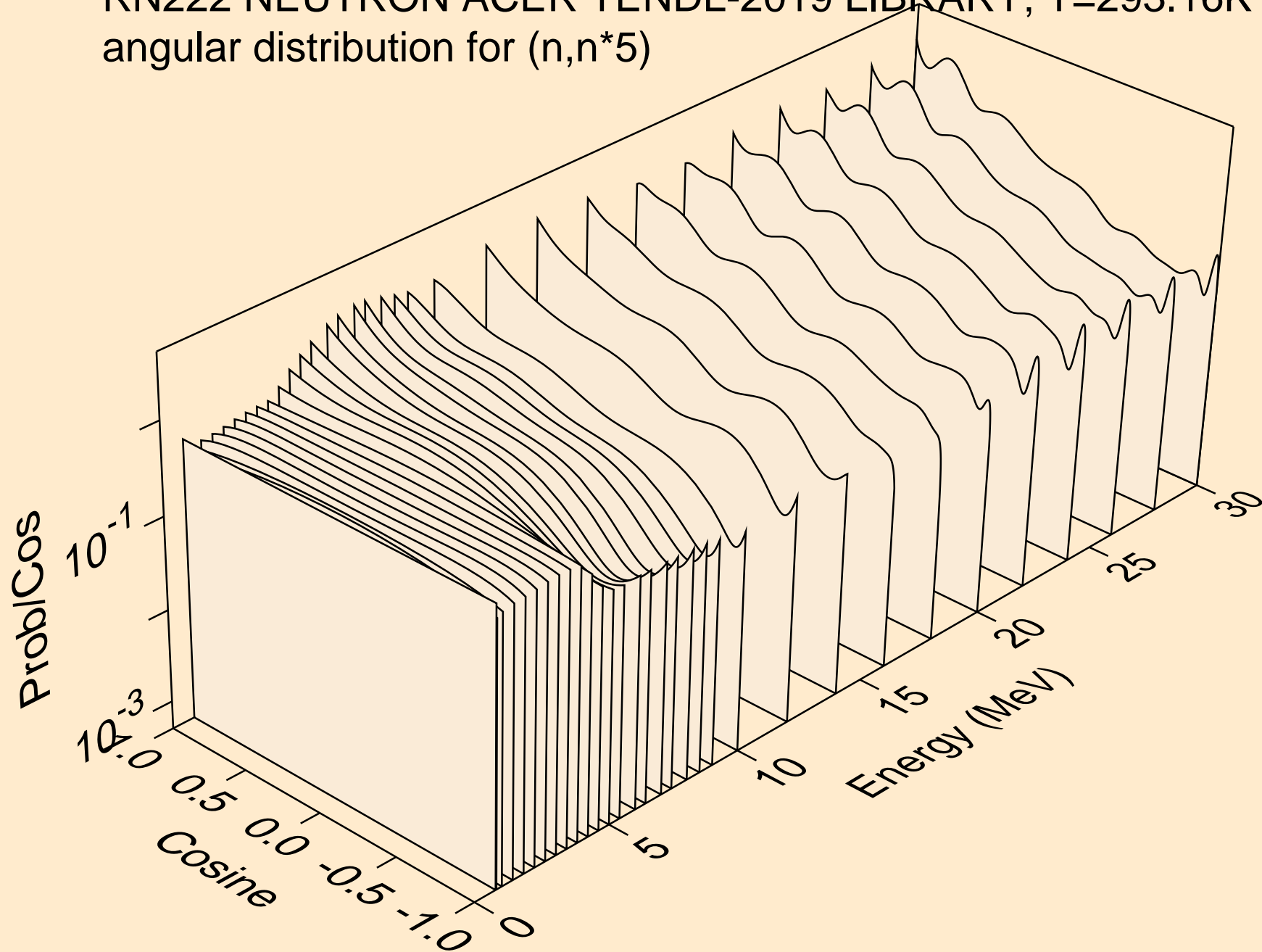
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angular distribution for (n,n*3)



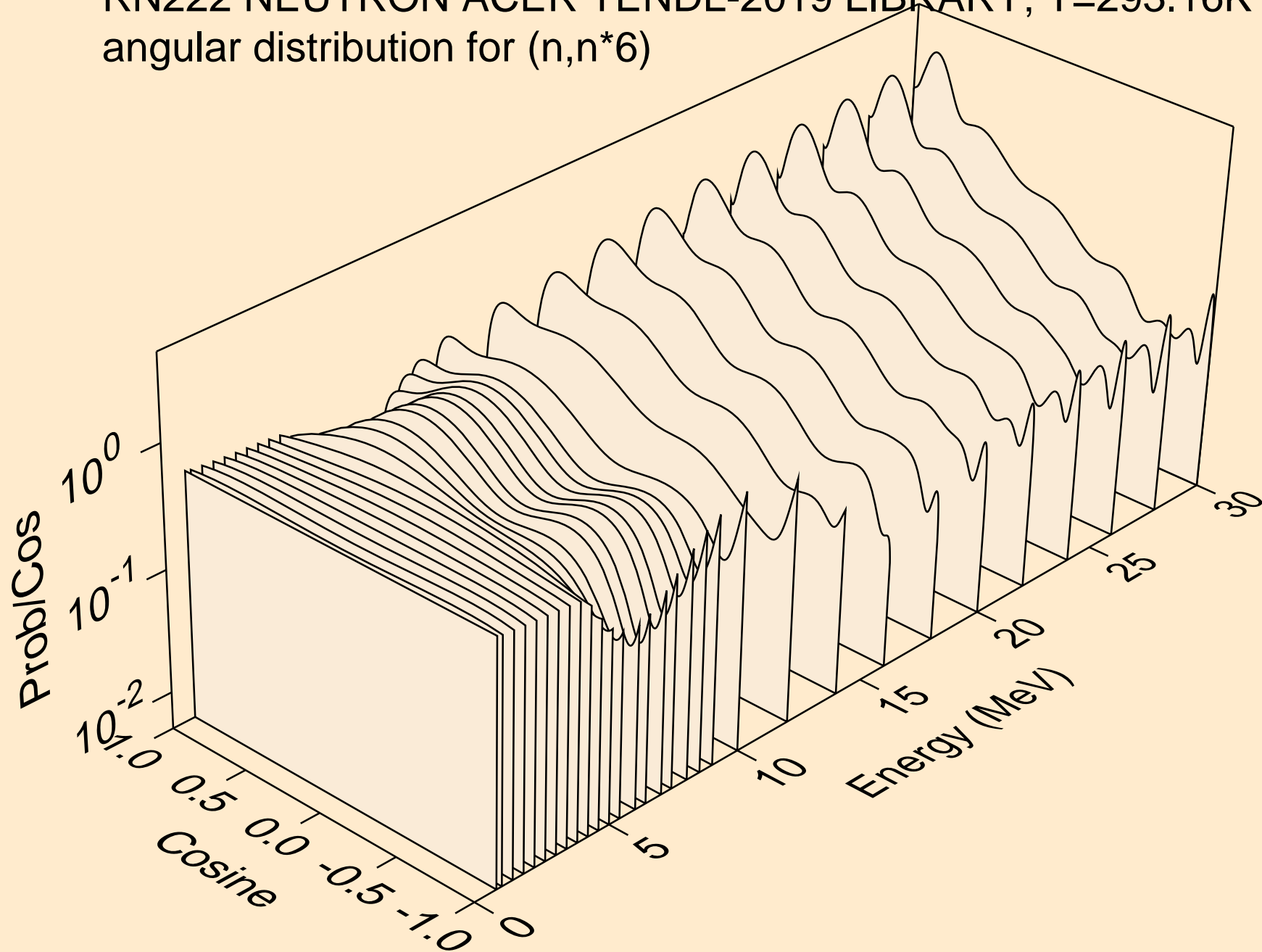
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angular distribution for (n,n*4)



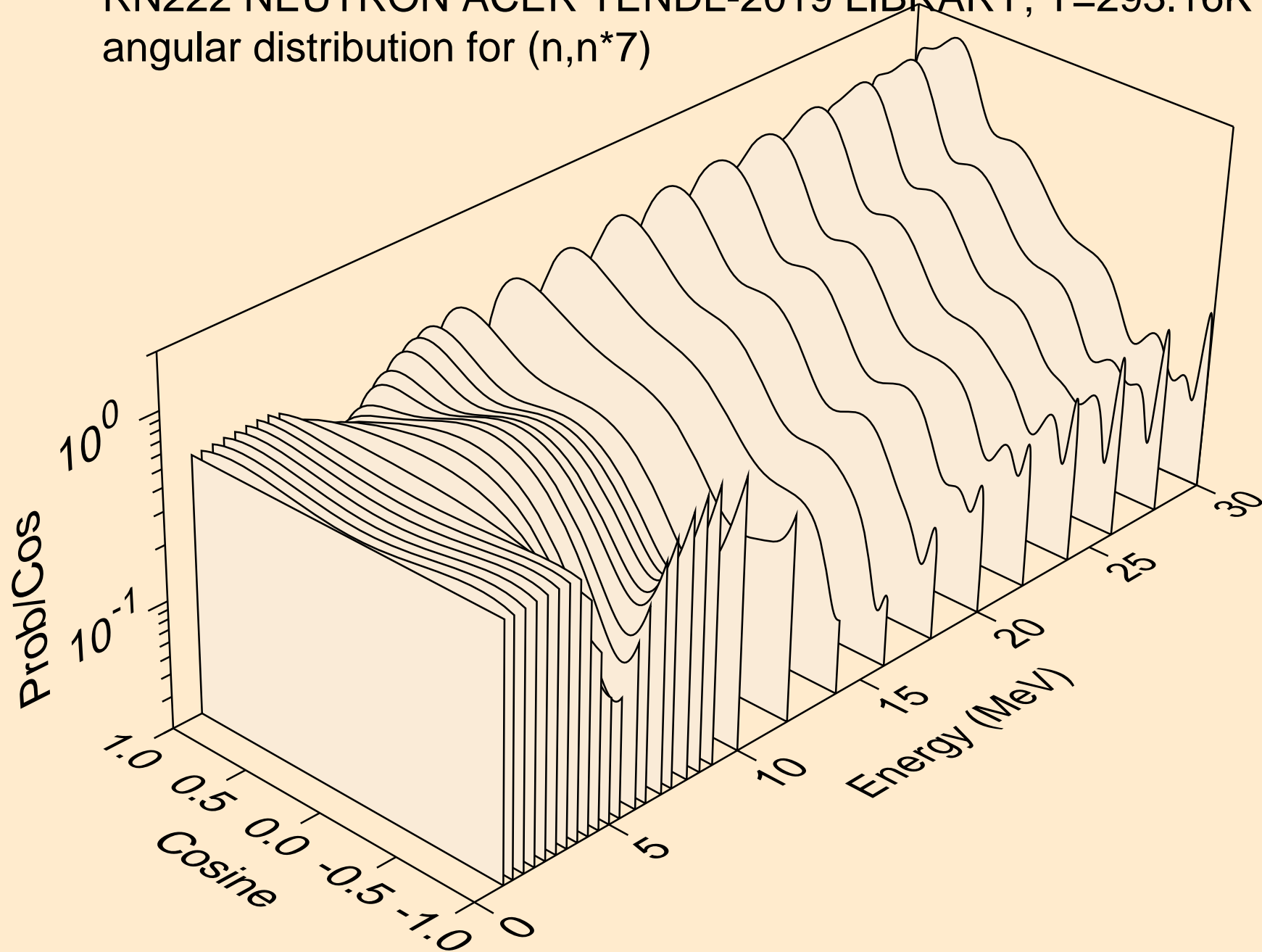
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angular distribution for (n,n*5)



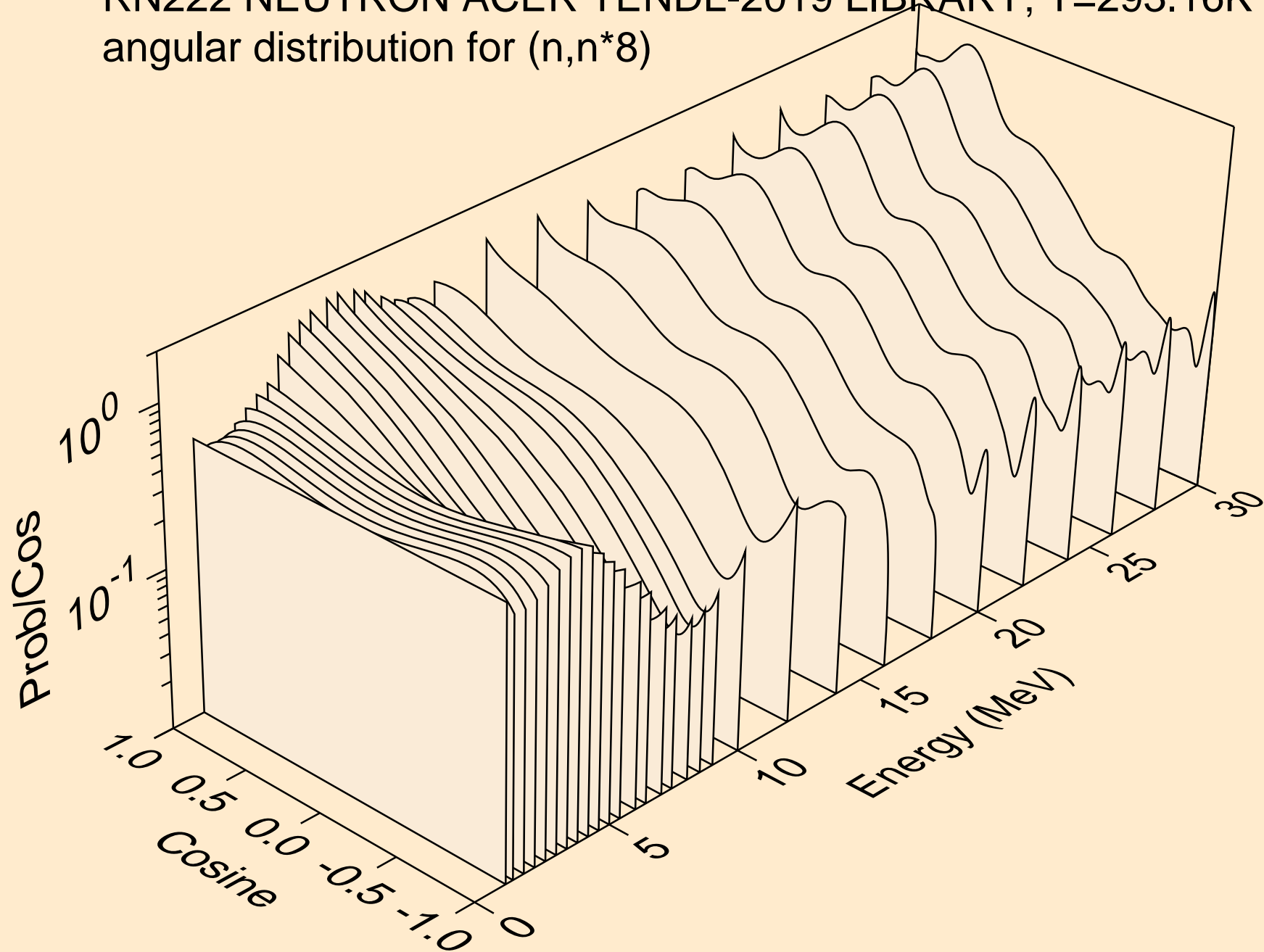
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)

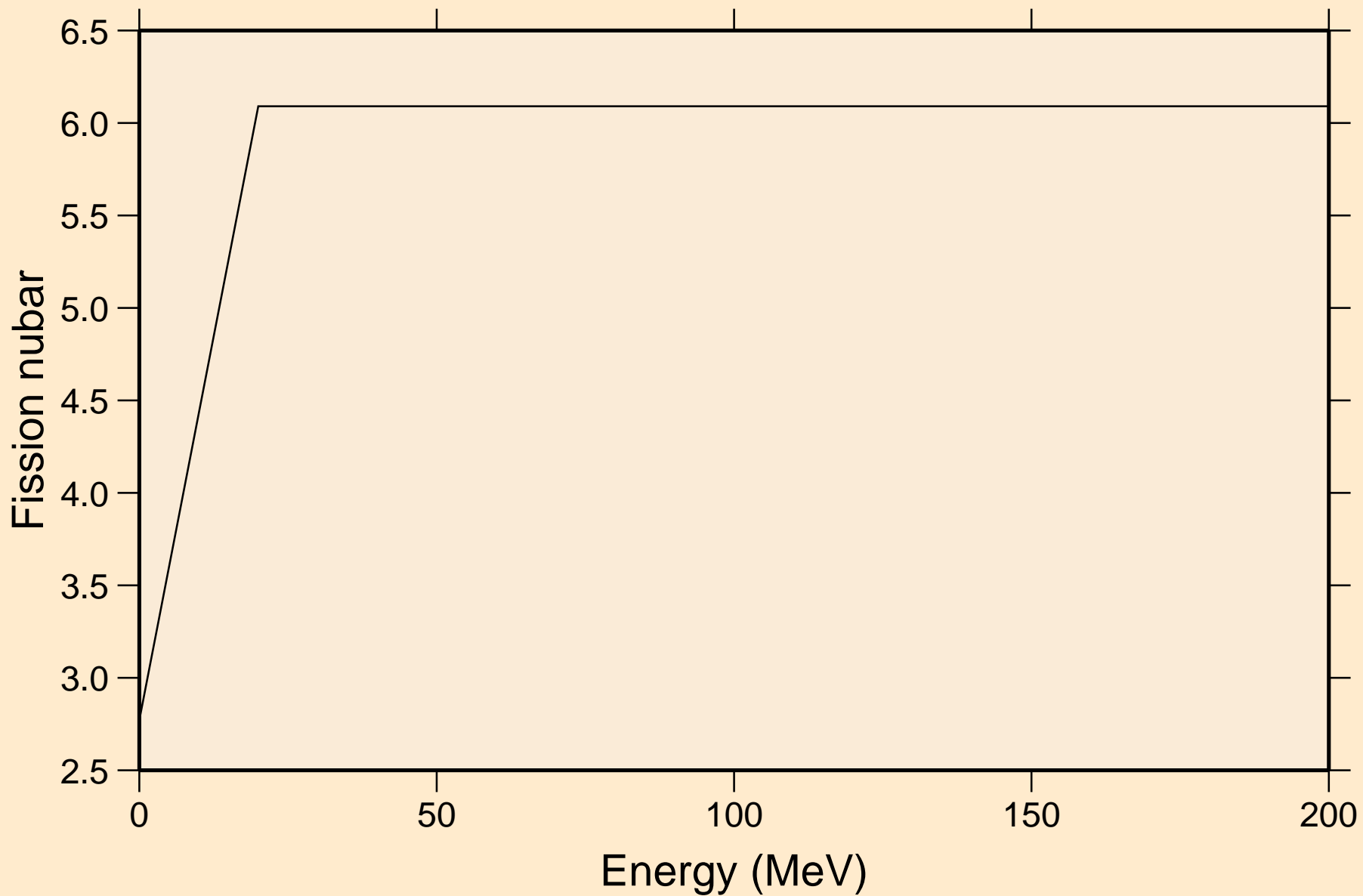


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)

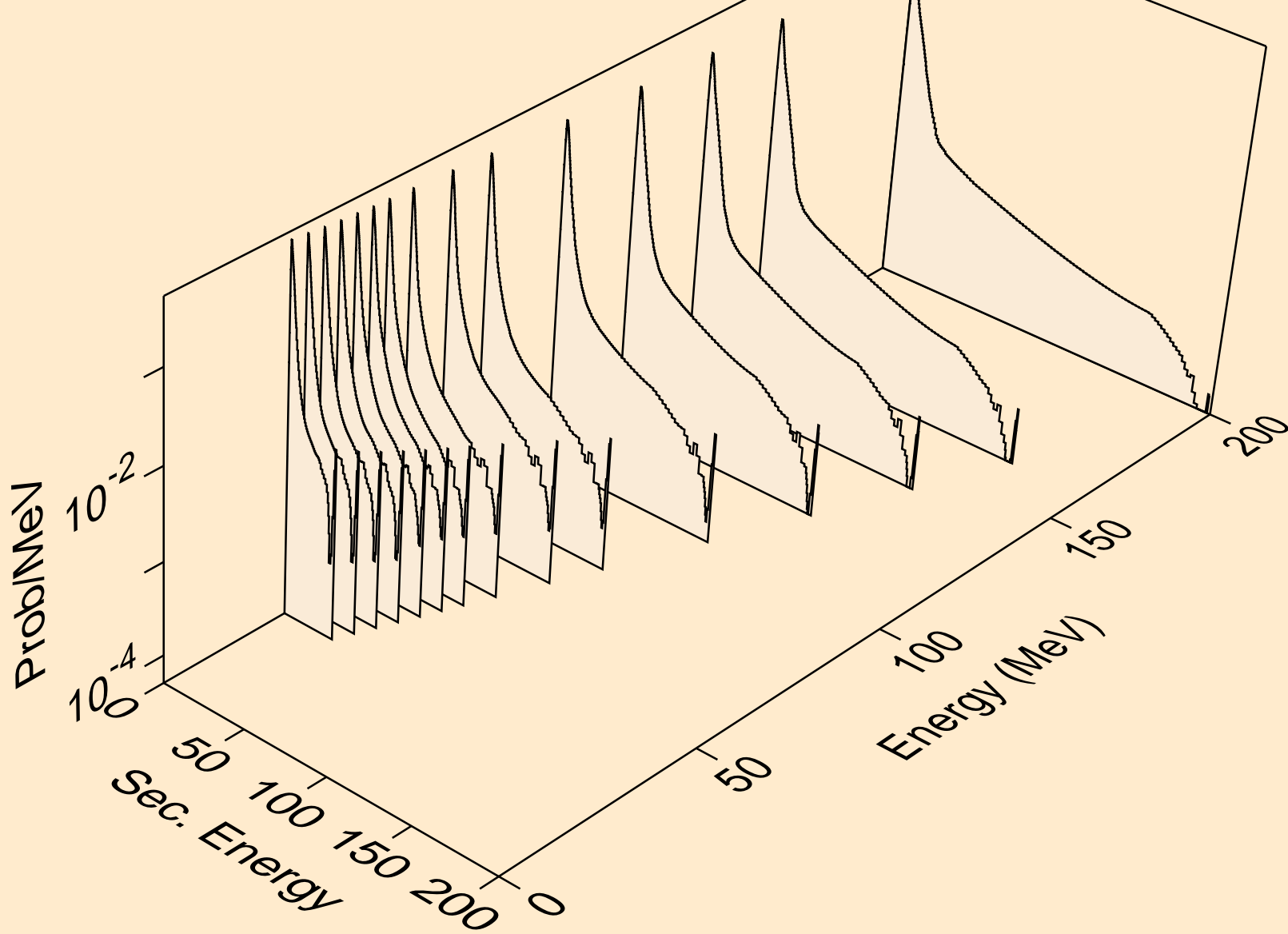


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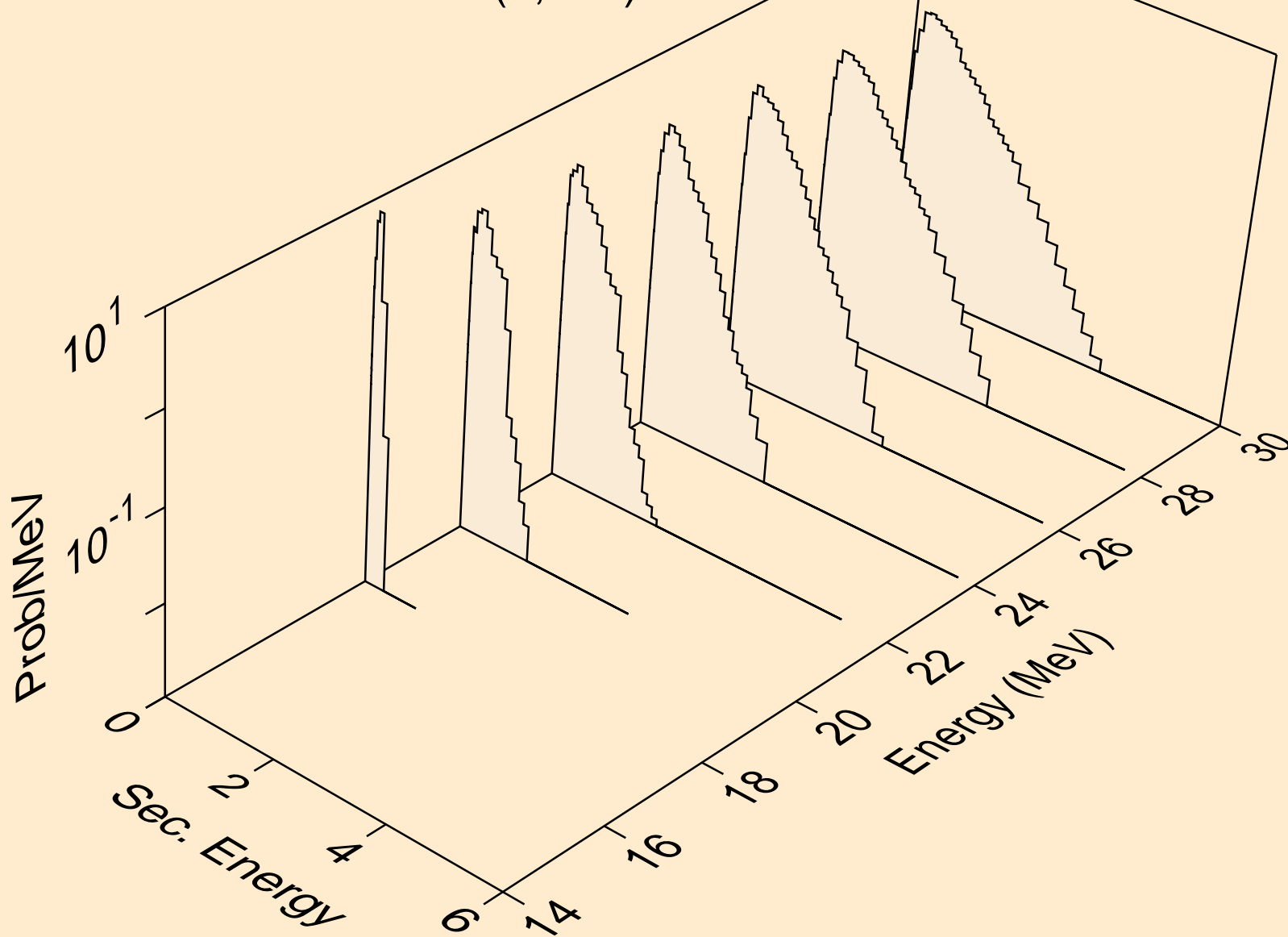
Total fission nubar



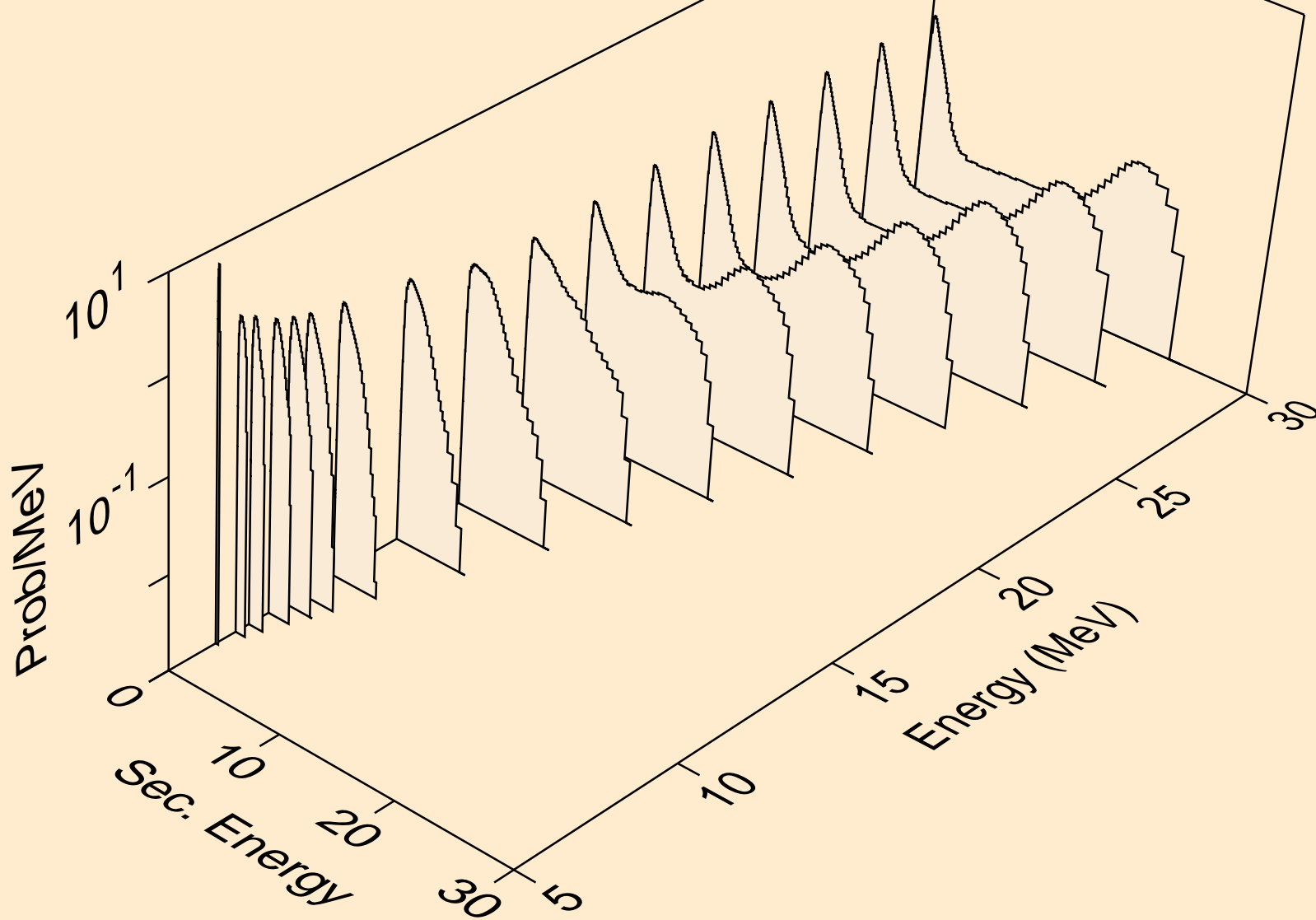
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



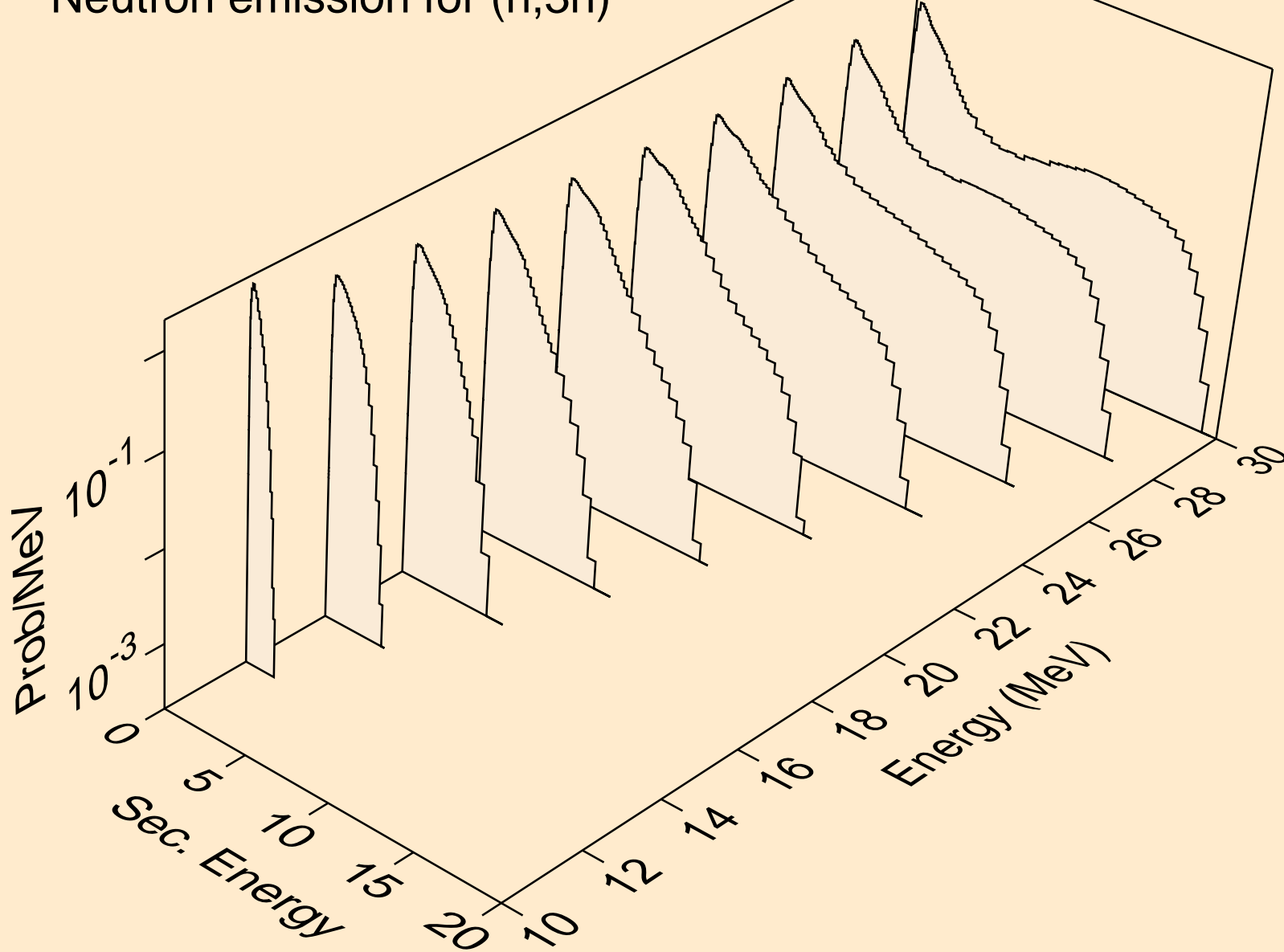
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



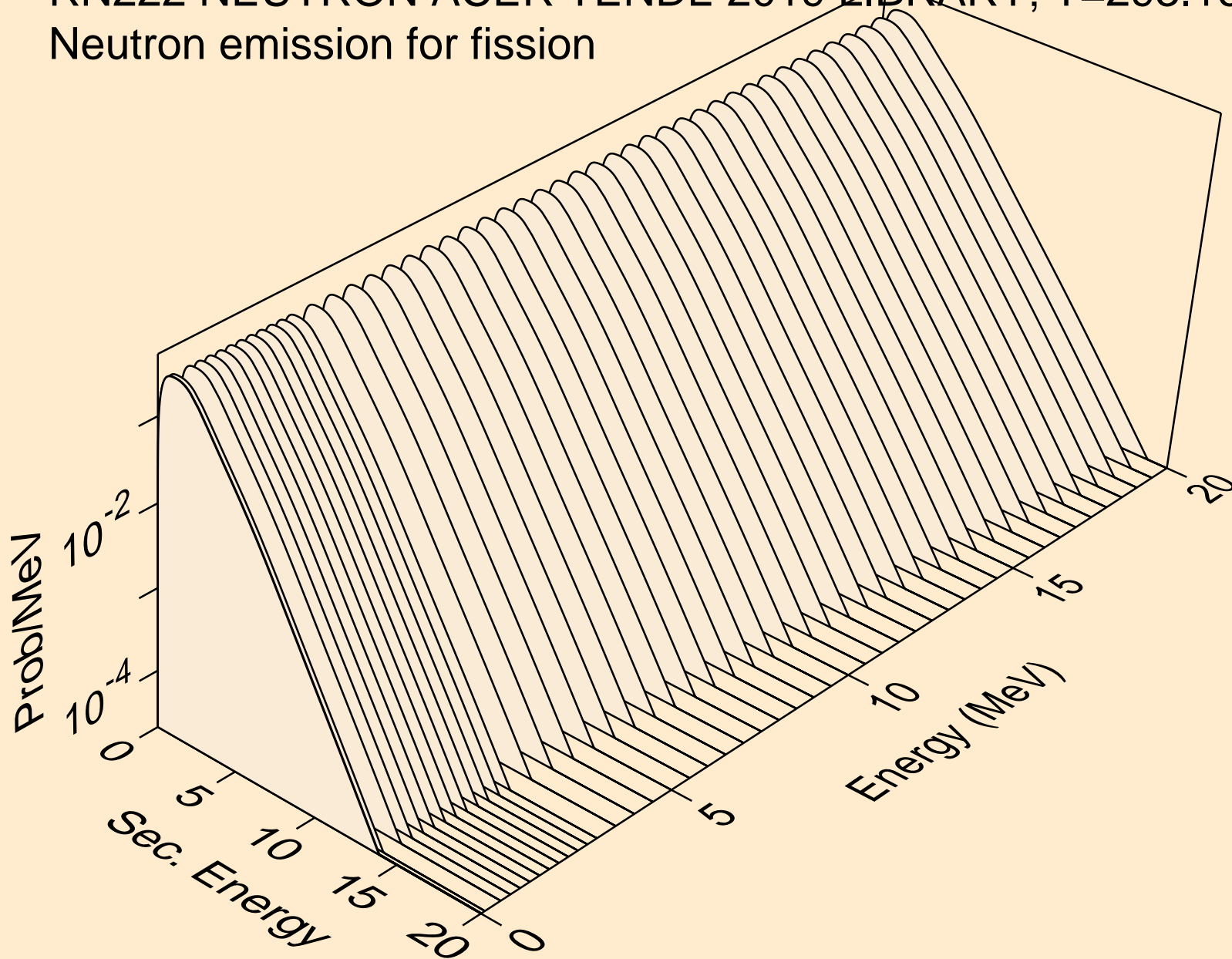
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



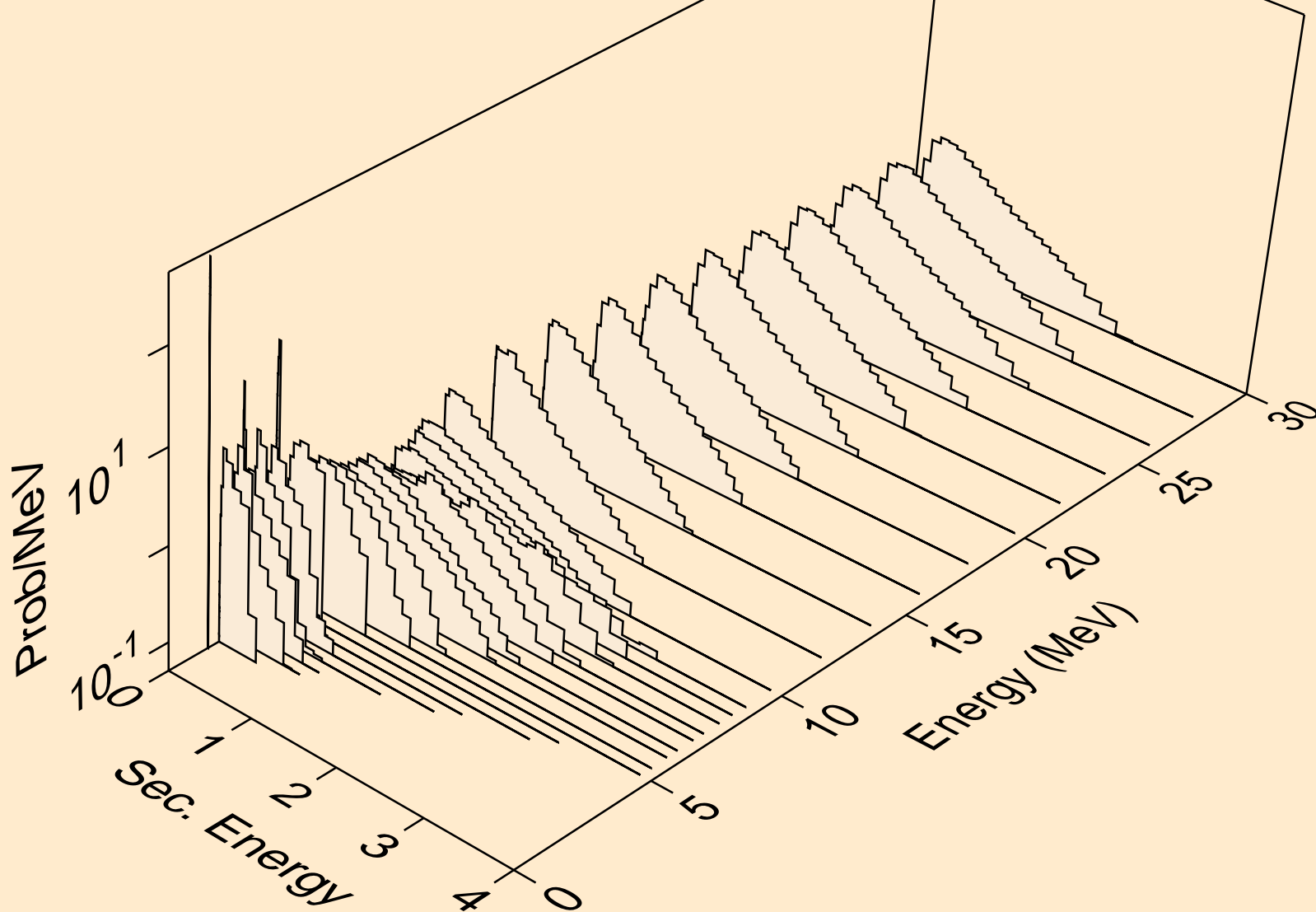
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



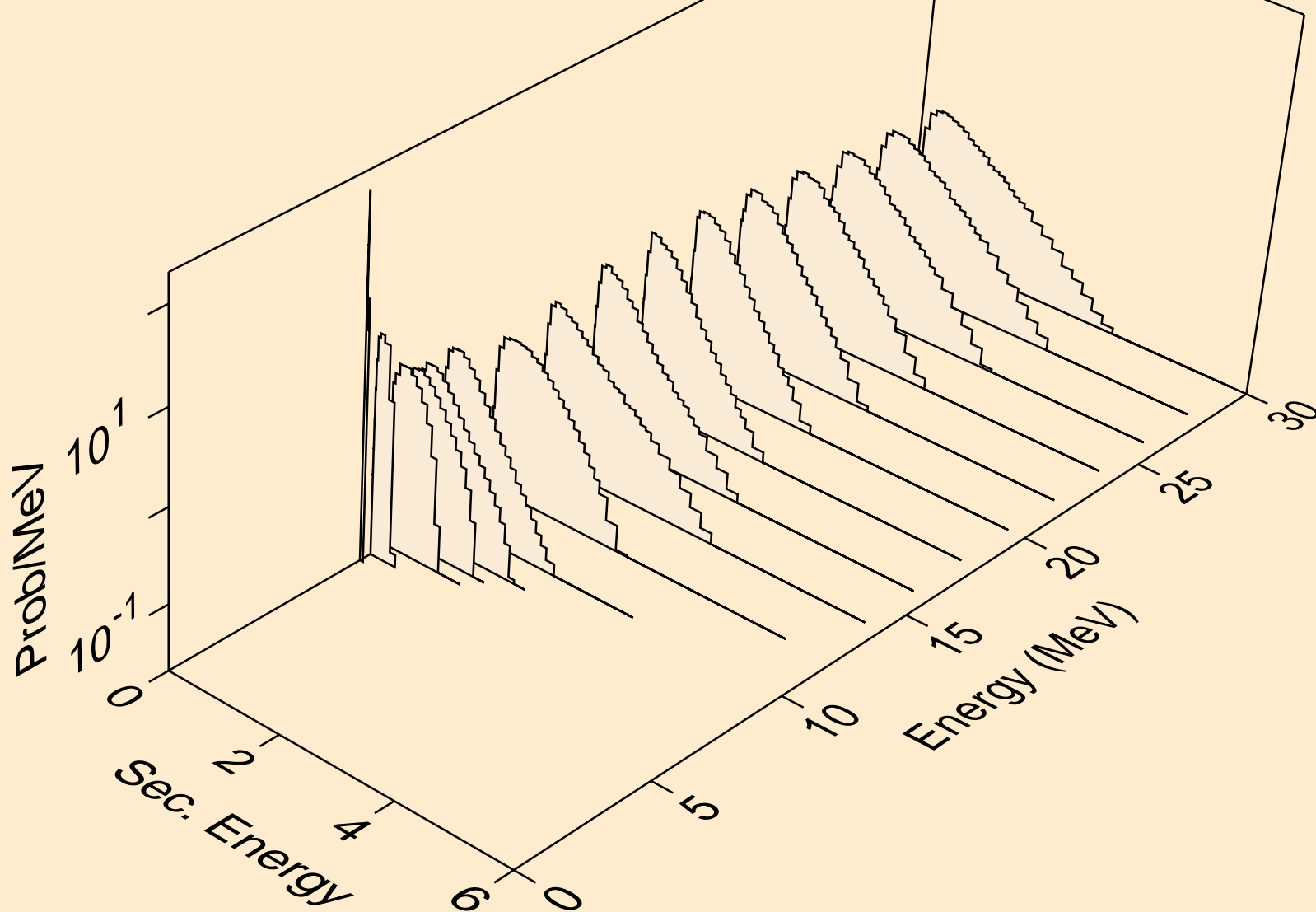
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



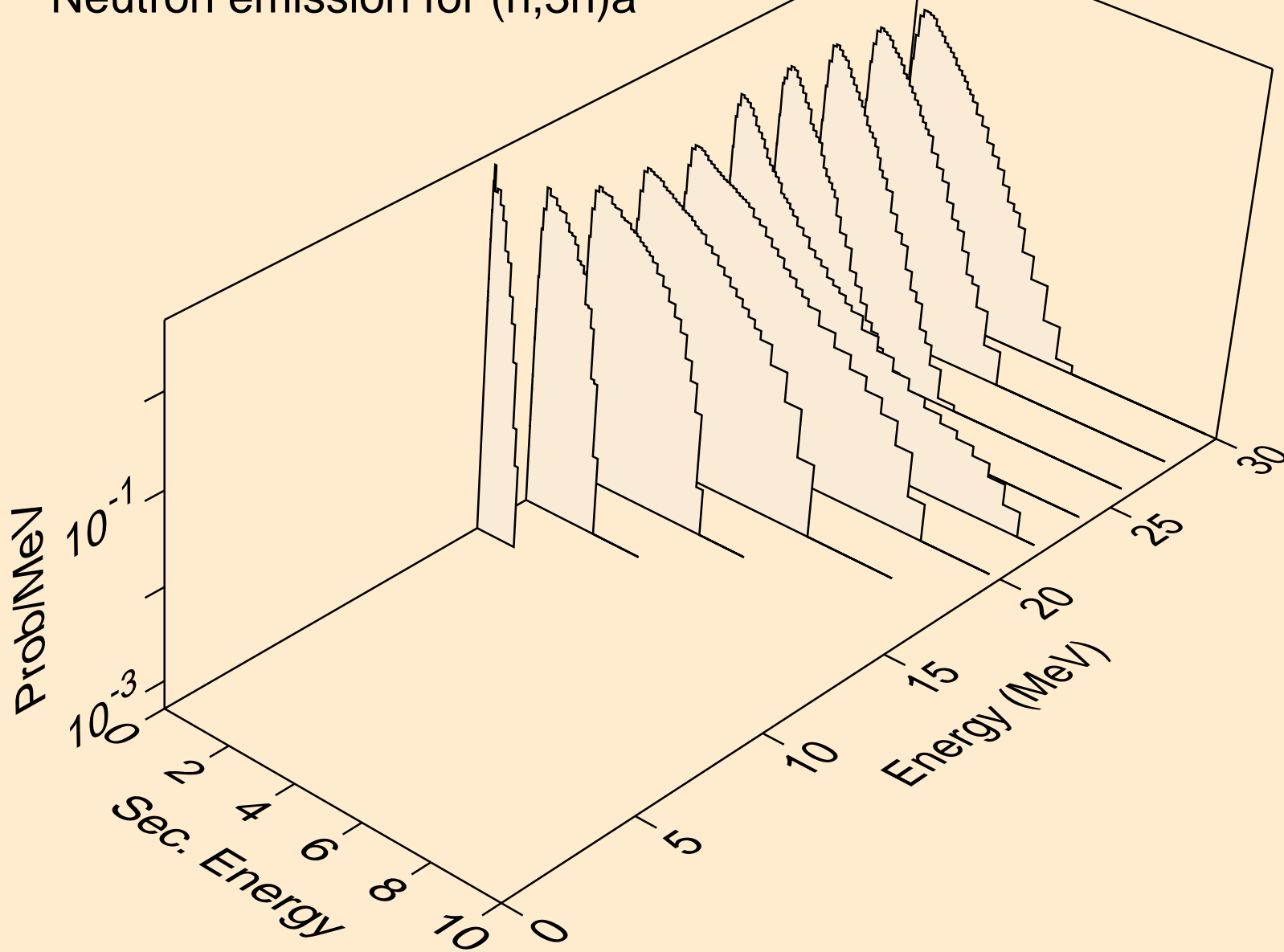
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



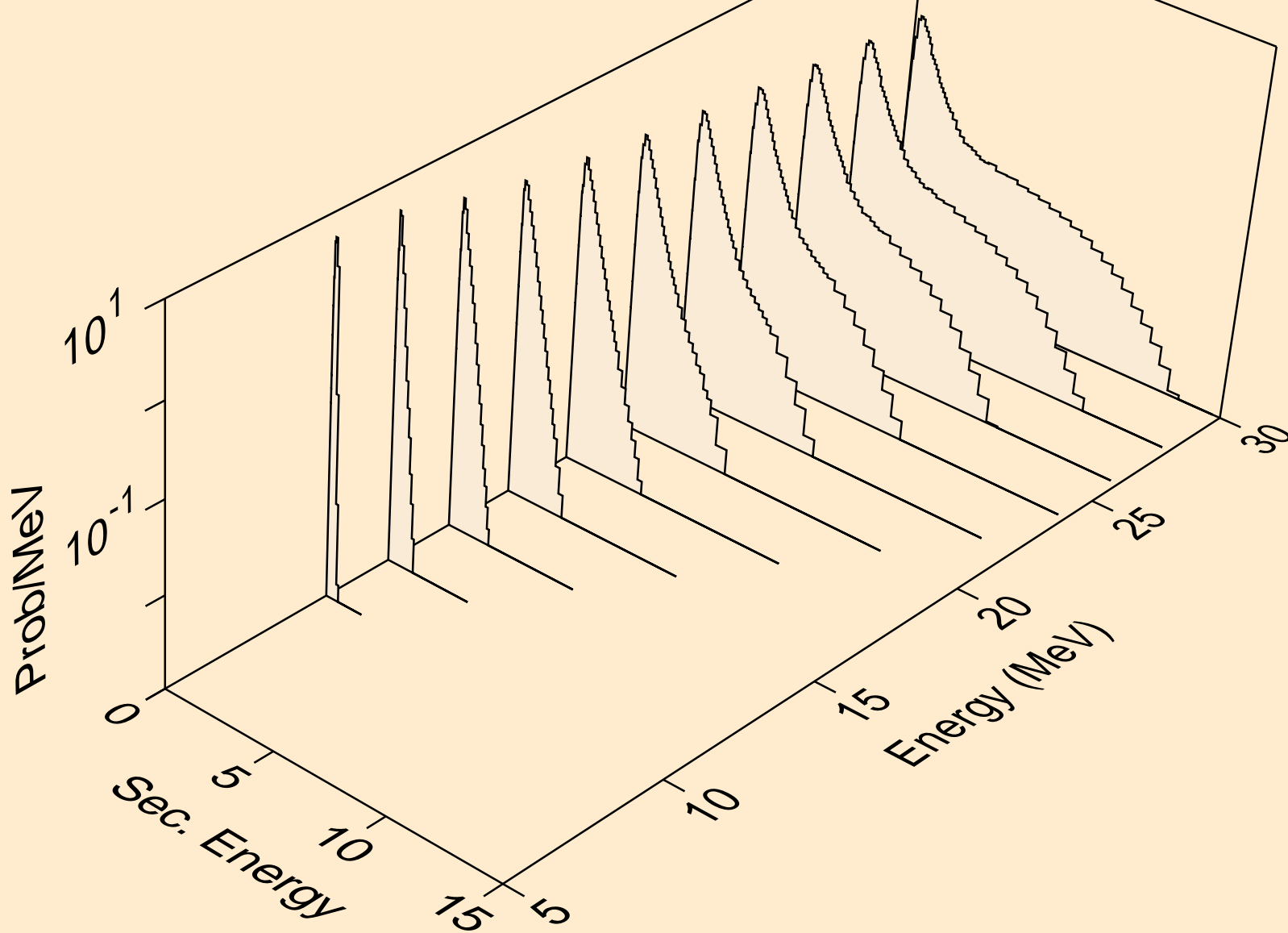
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



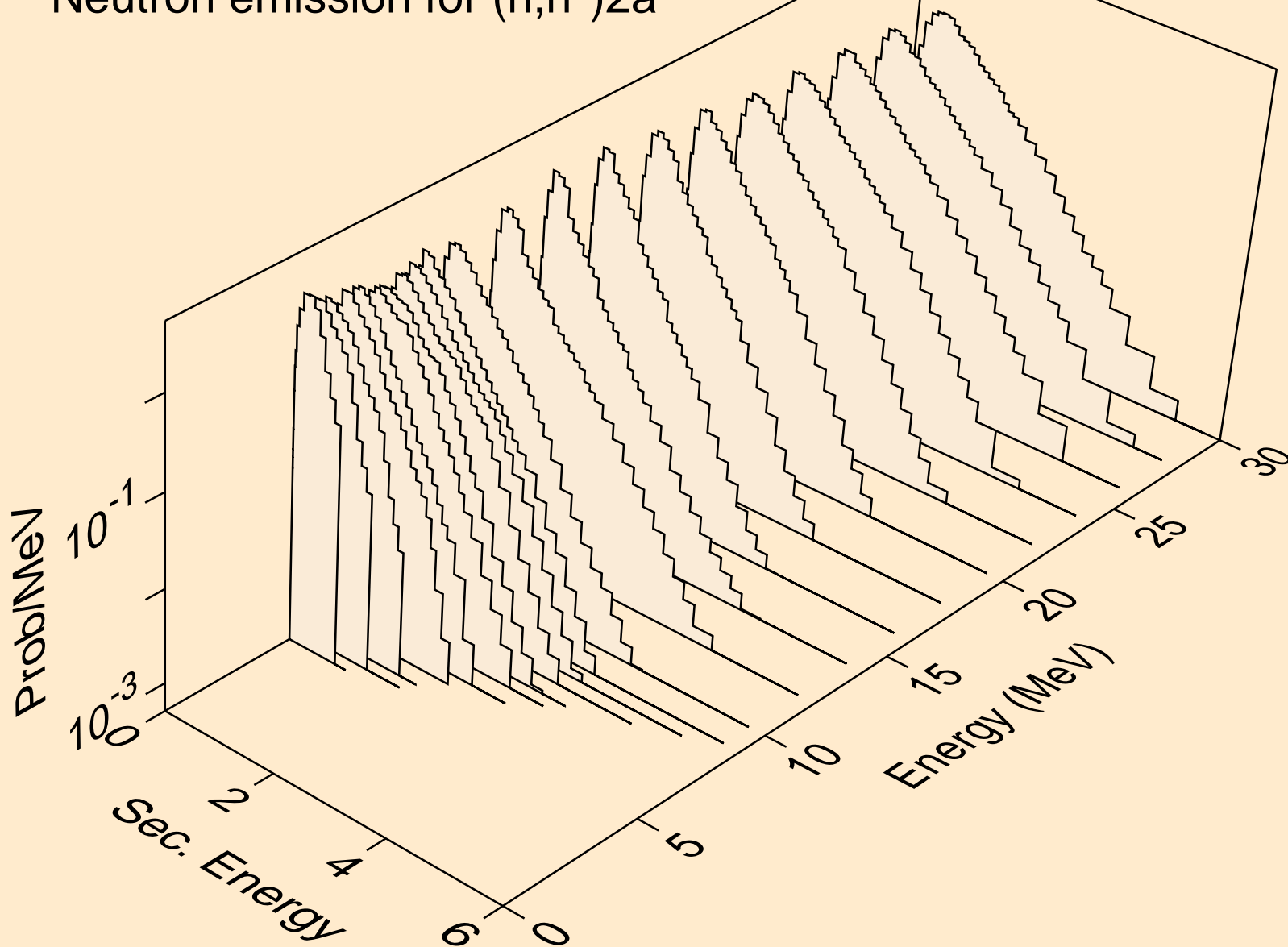
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



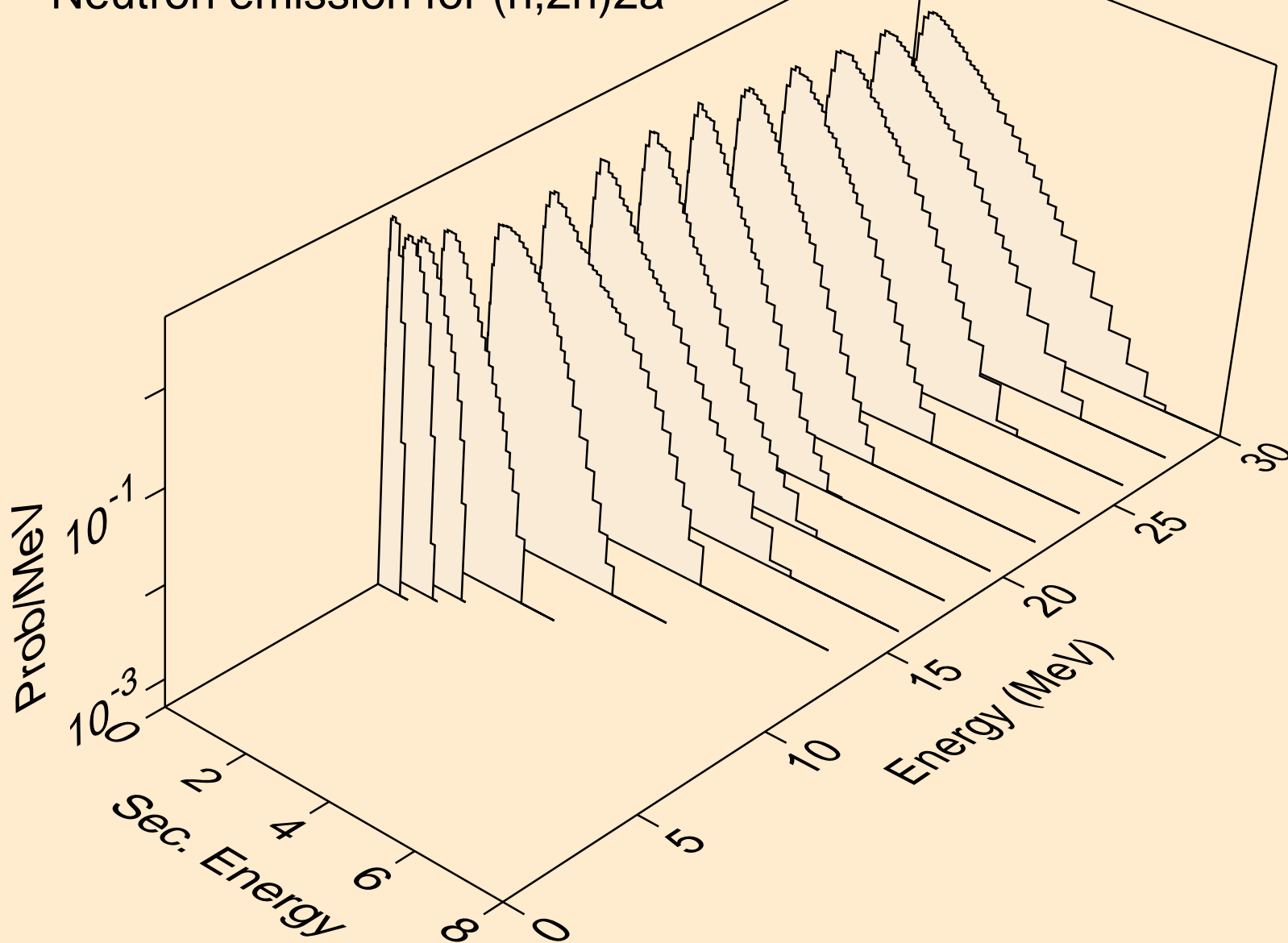
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



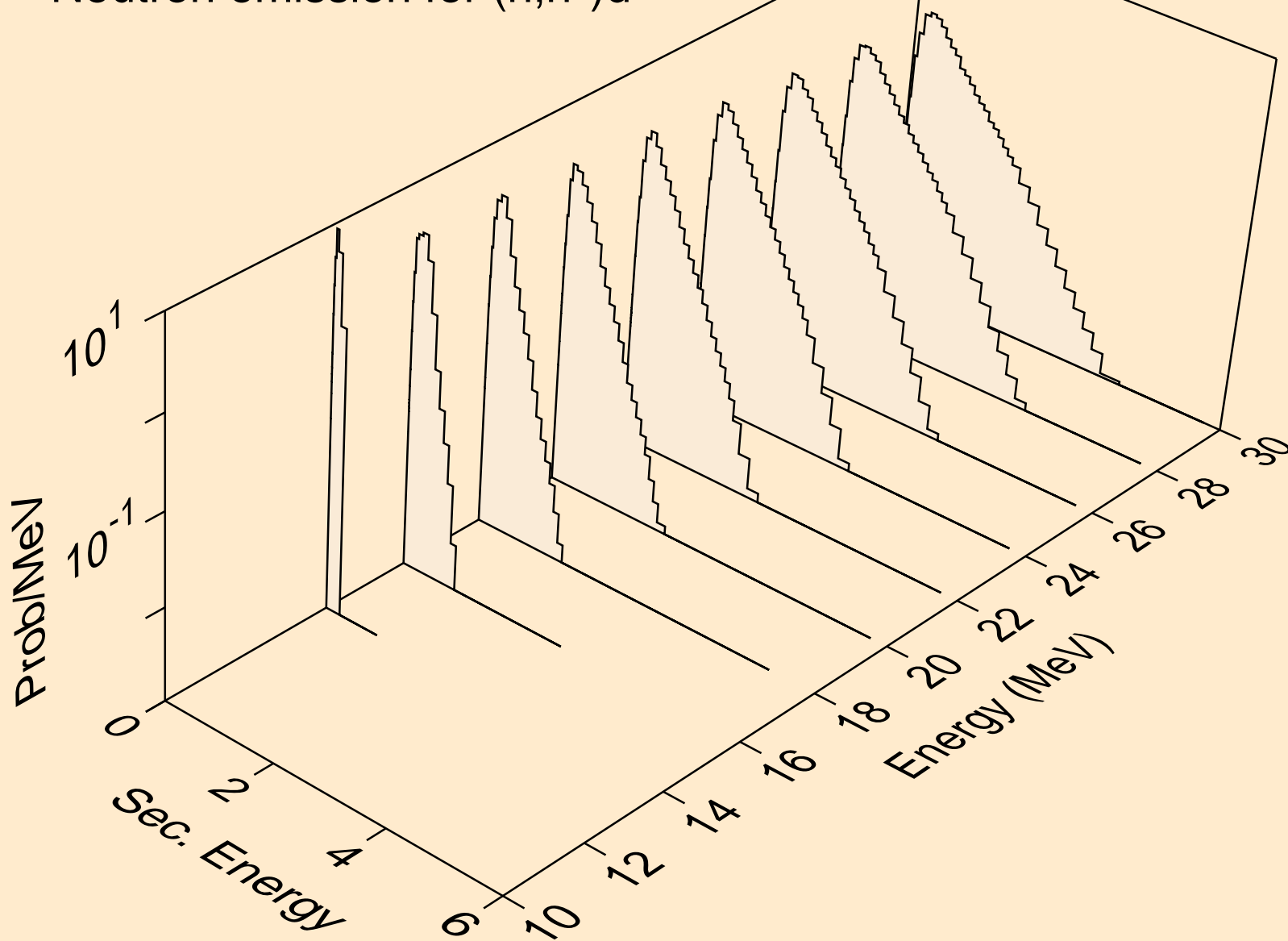
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



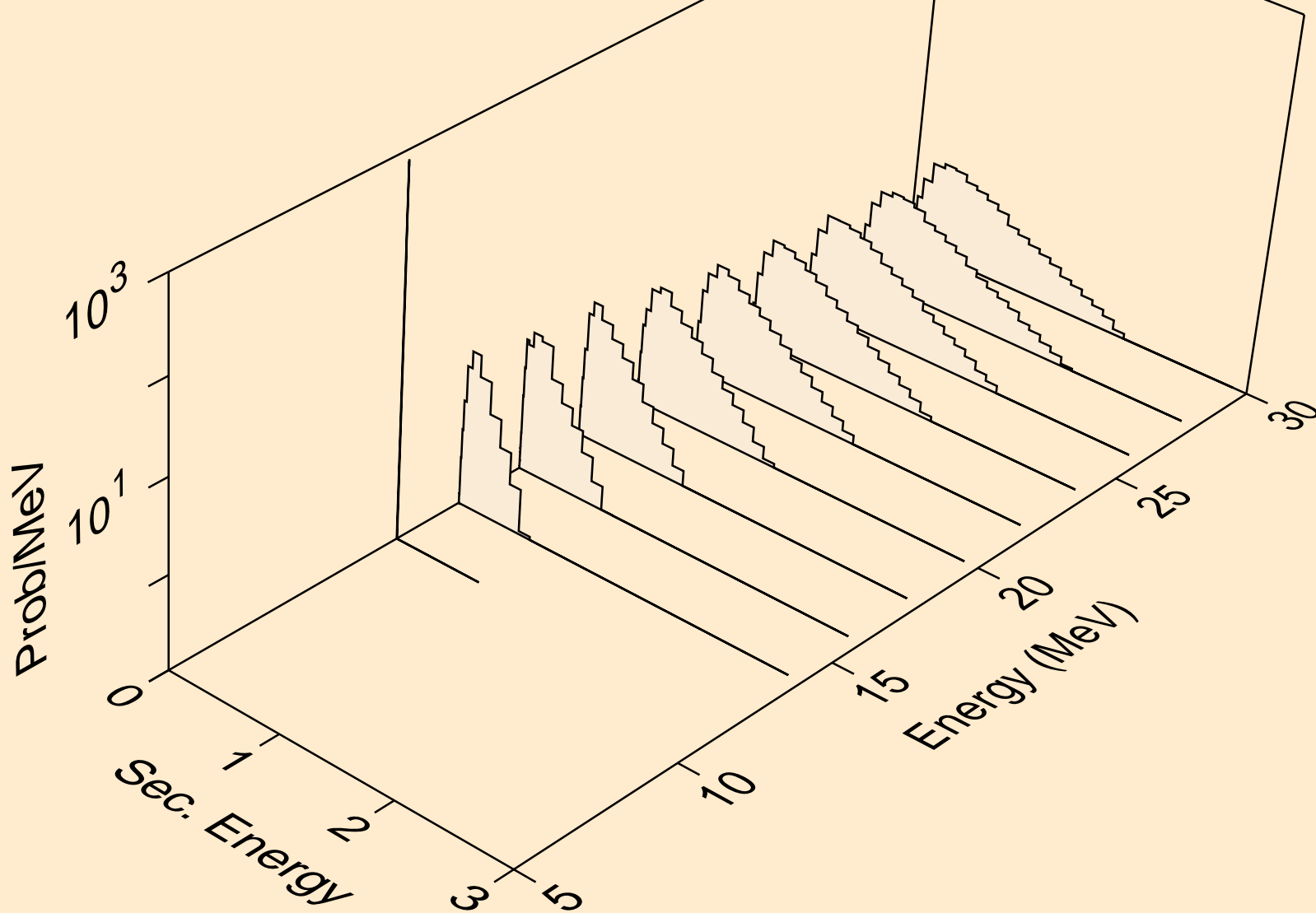
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



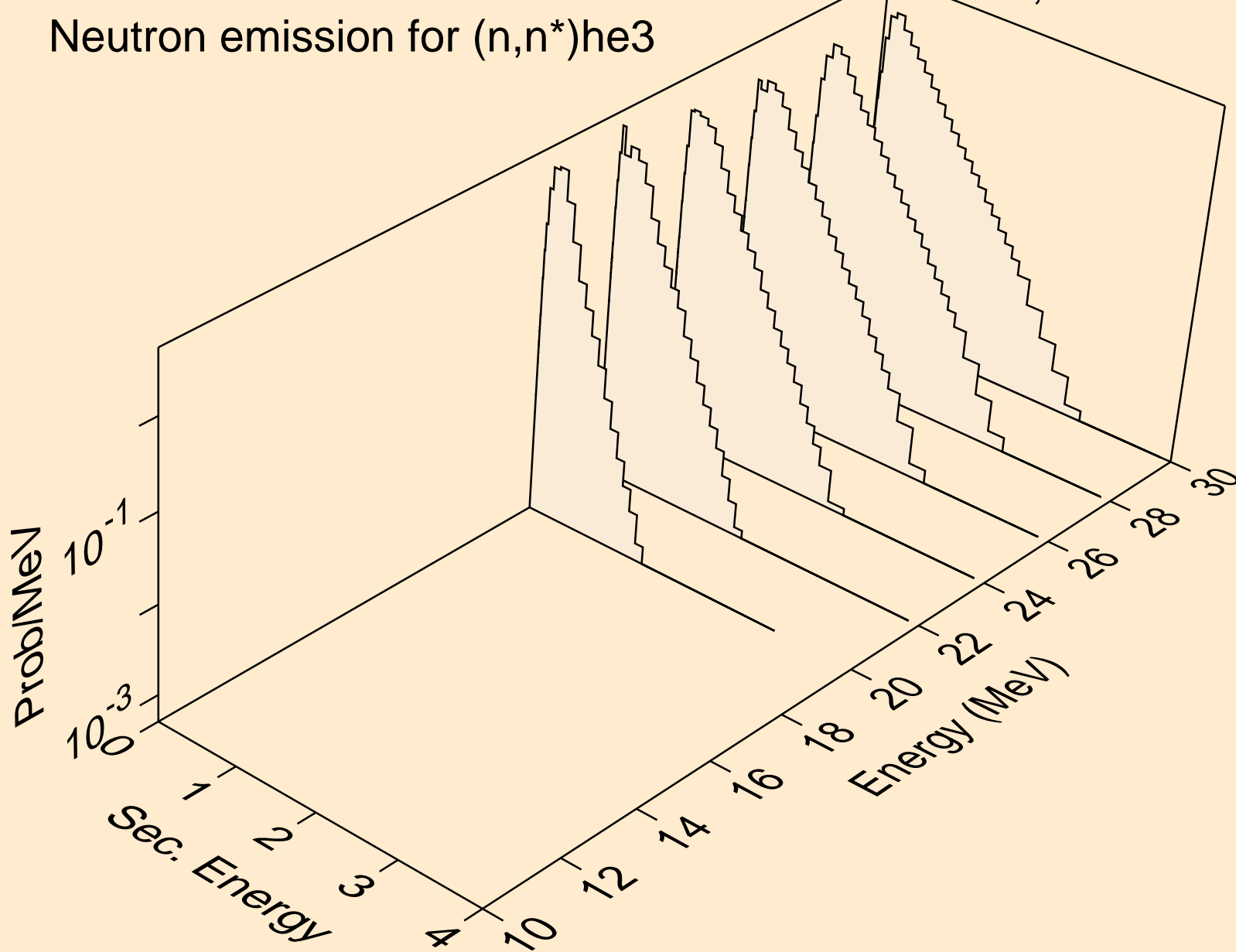
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



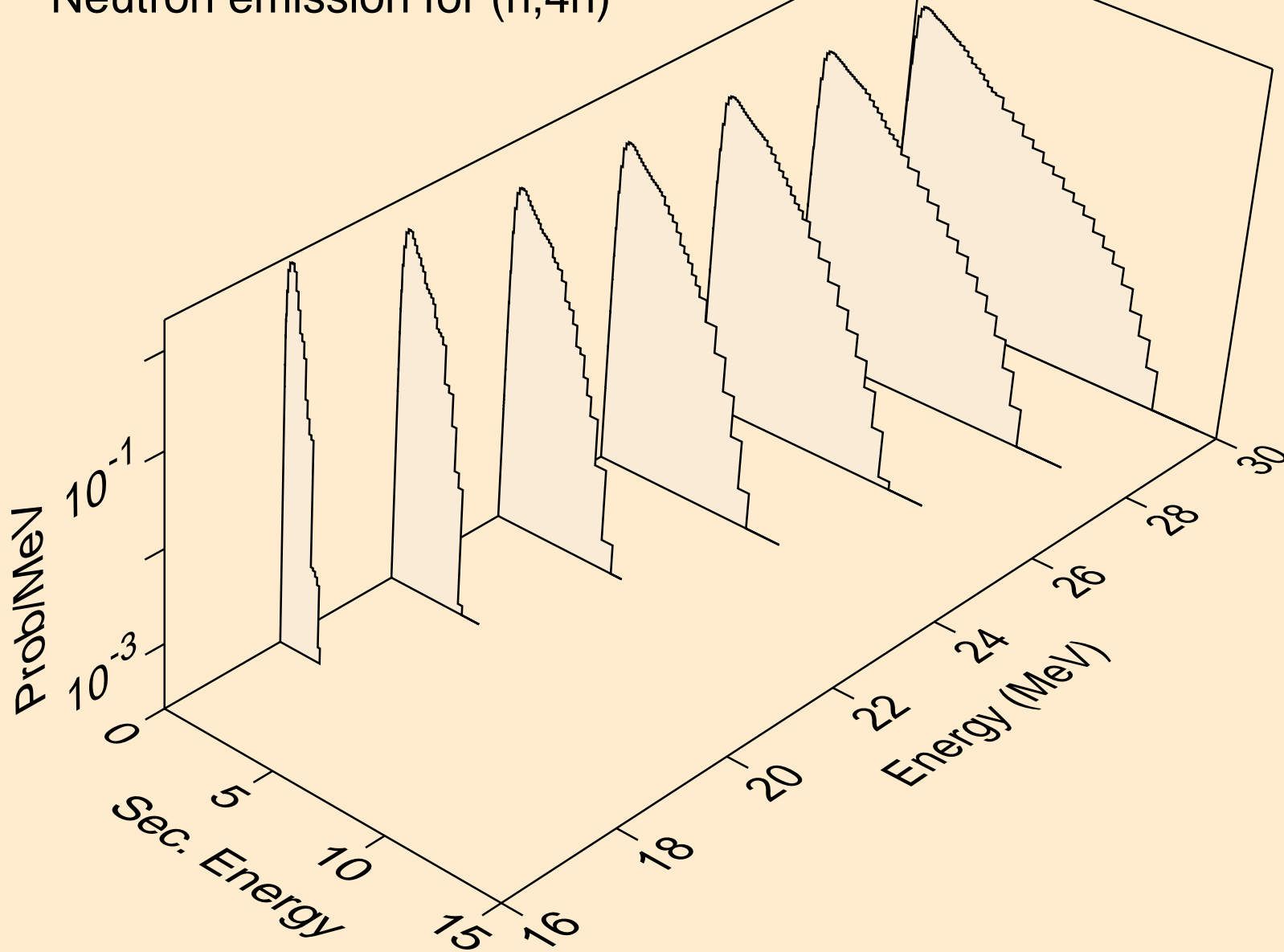
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



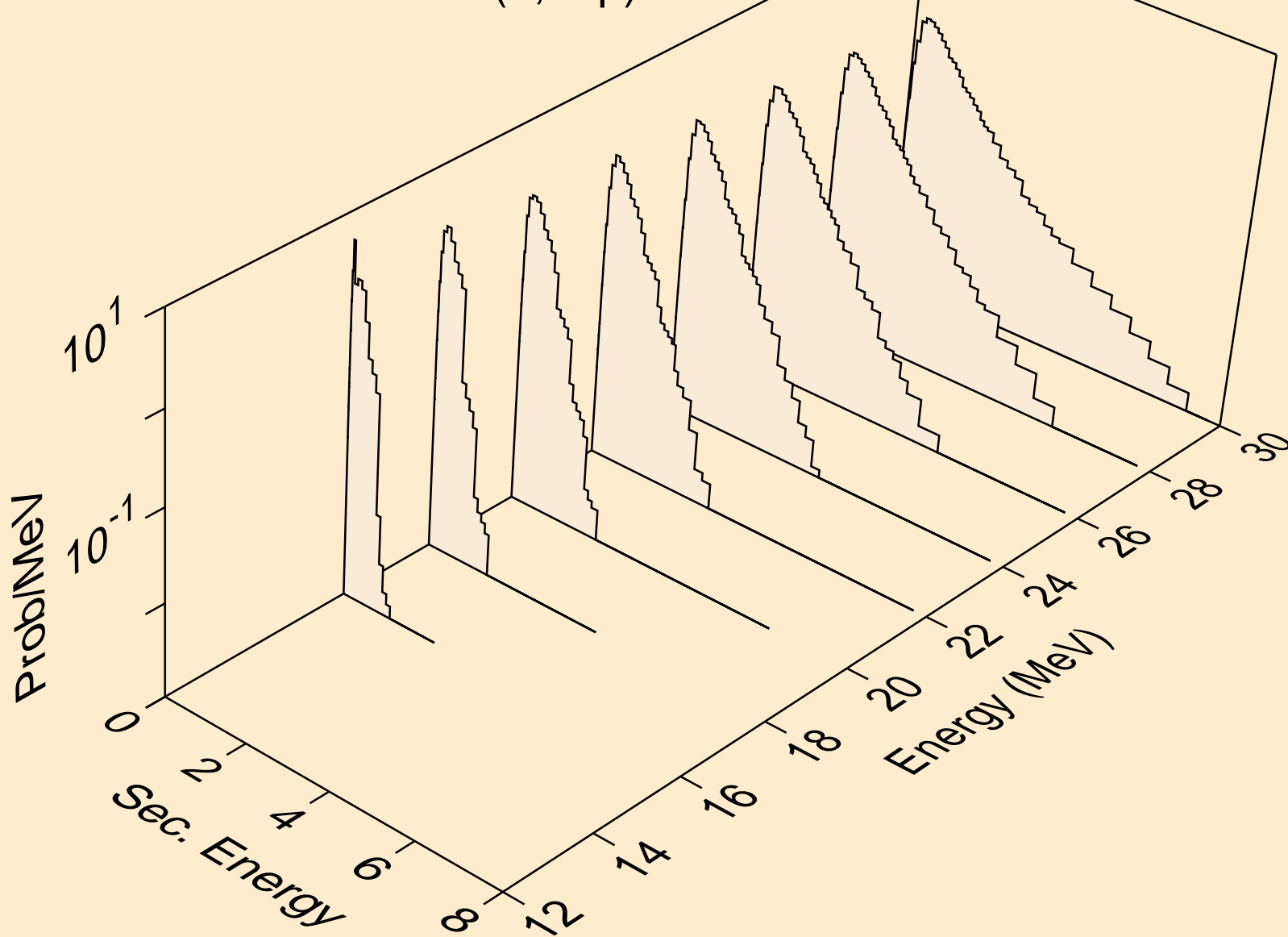
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



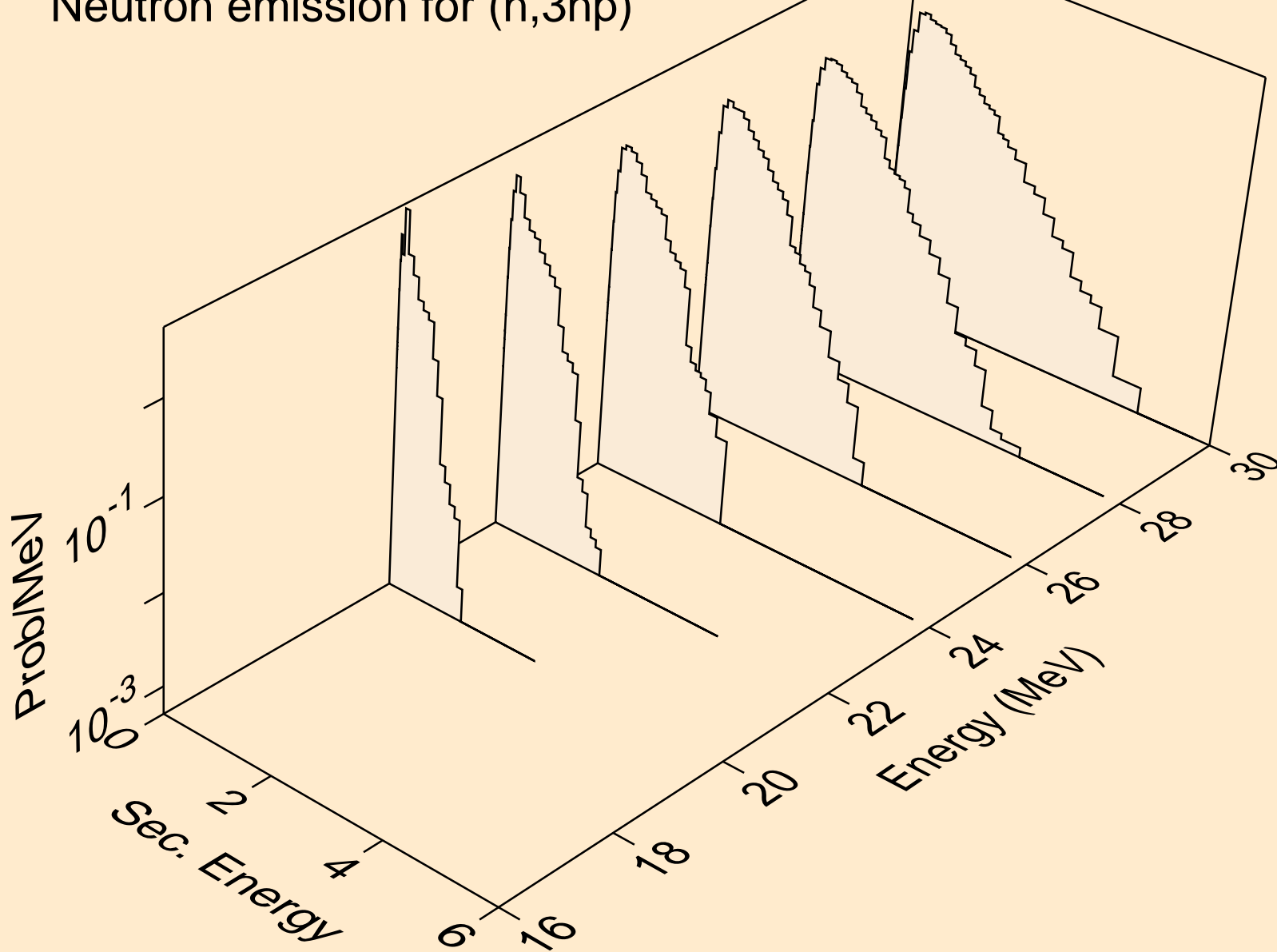
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



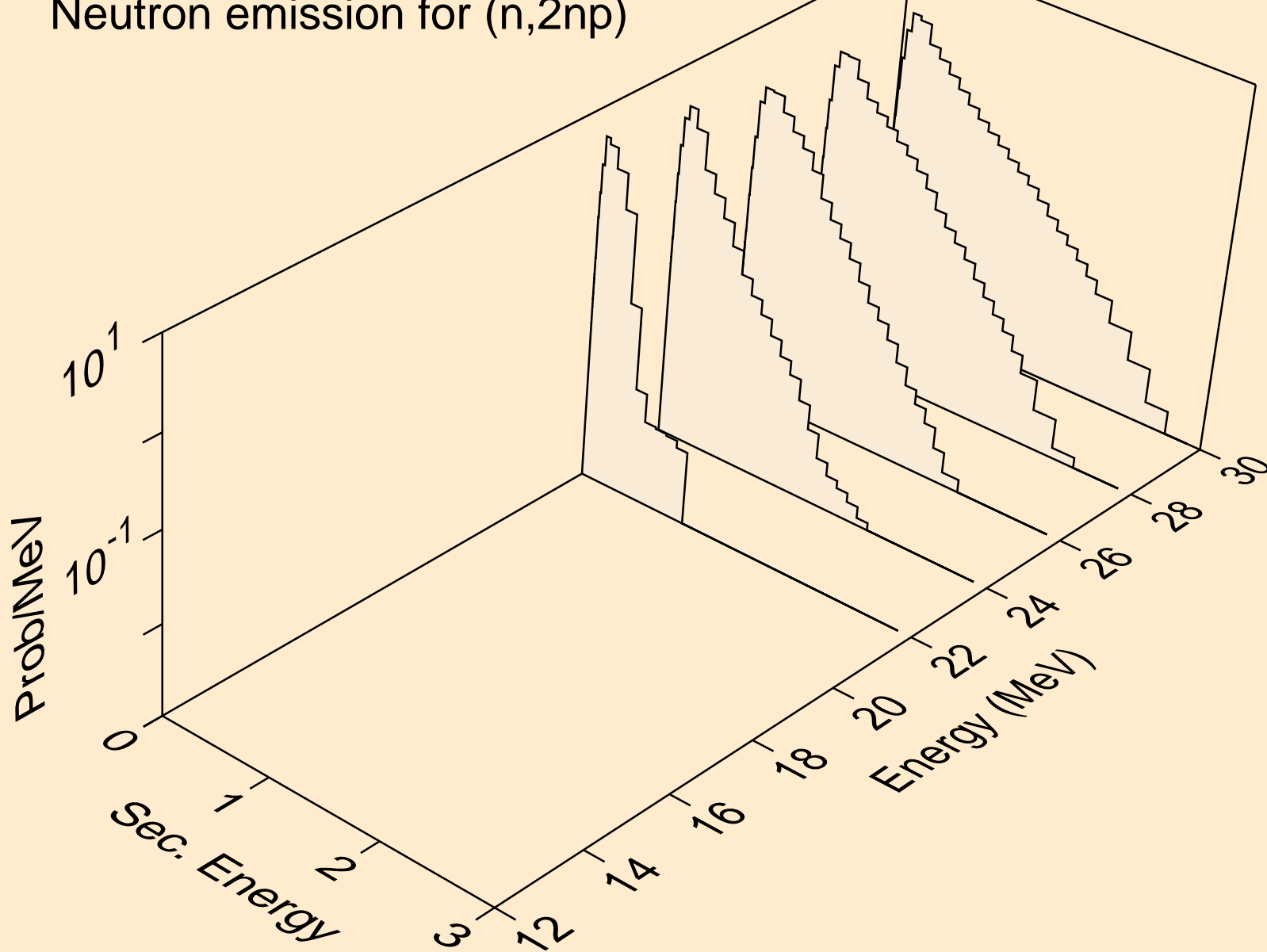
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



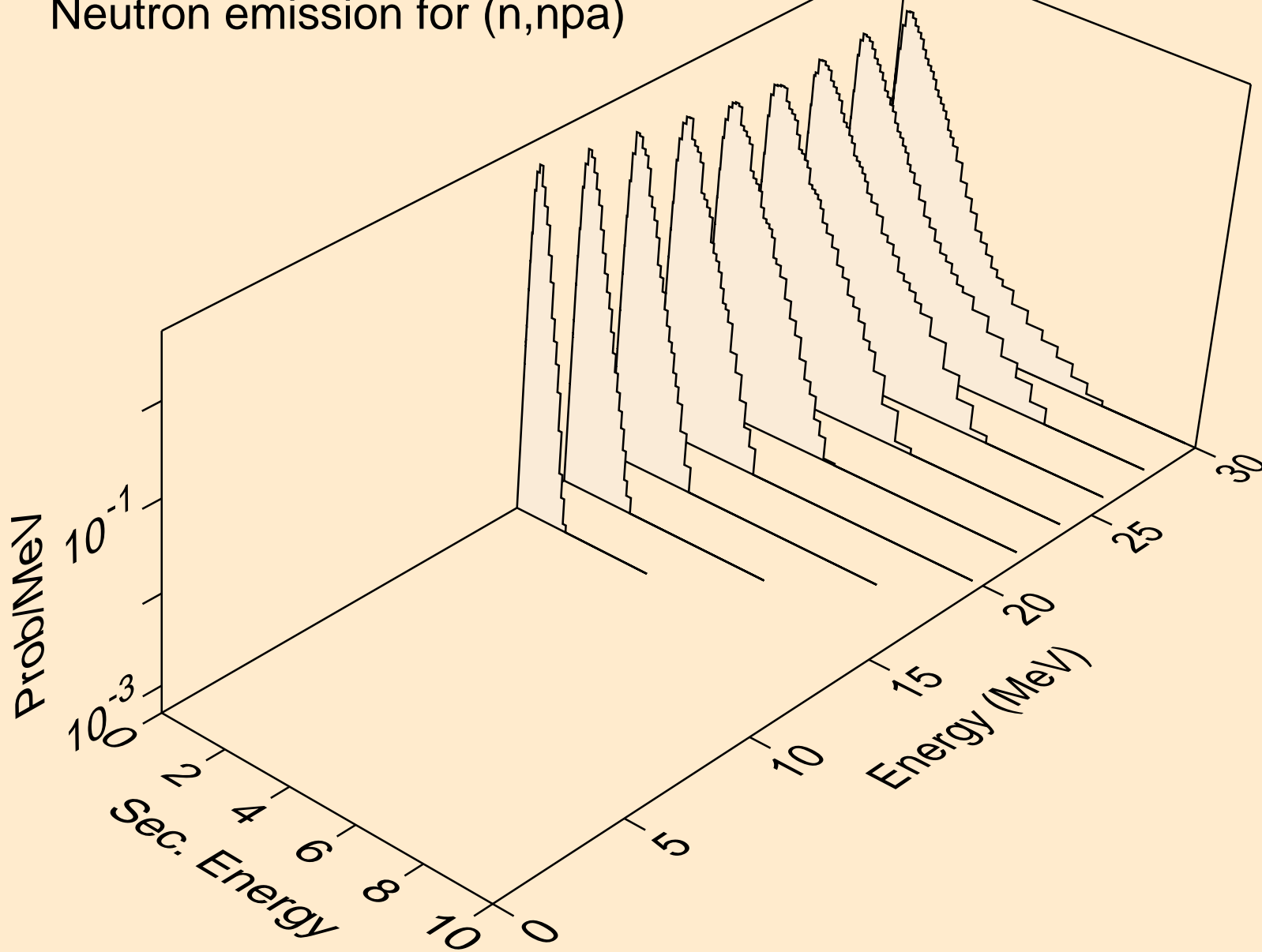
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Neutron emission for (n,3np)



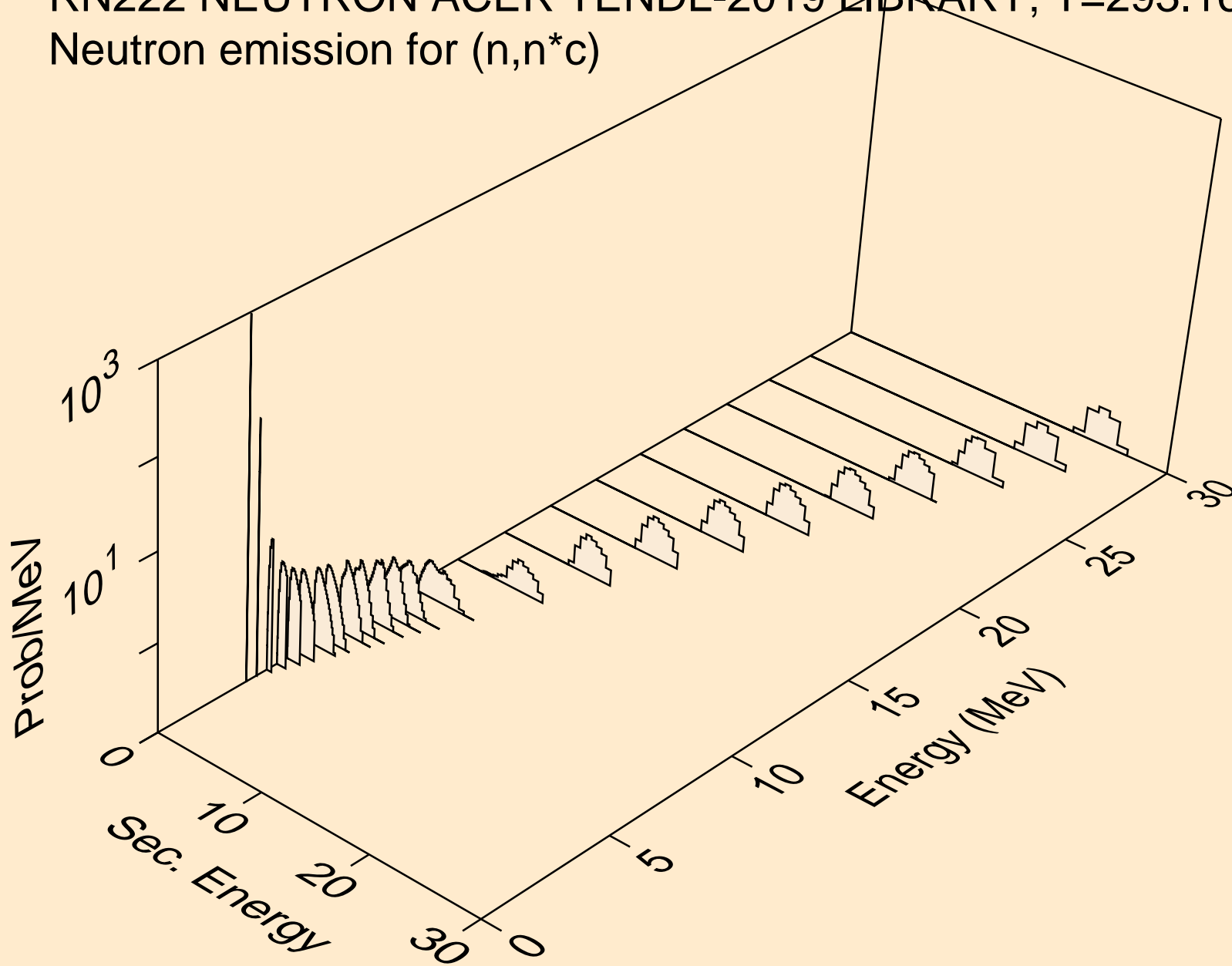
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)

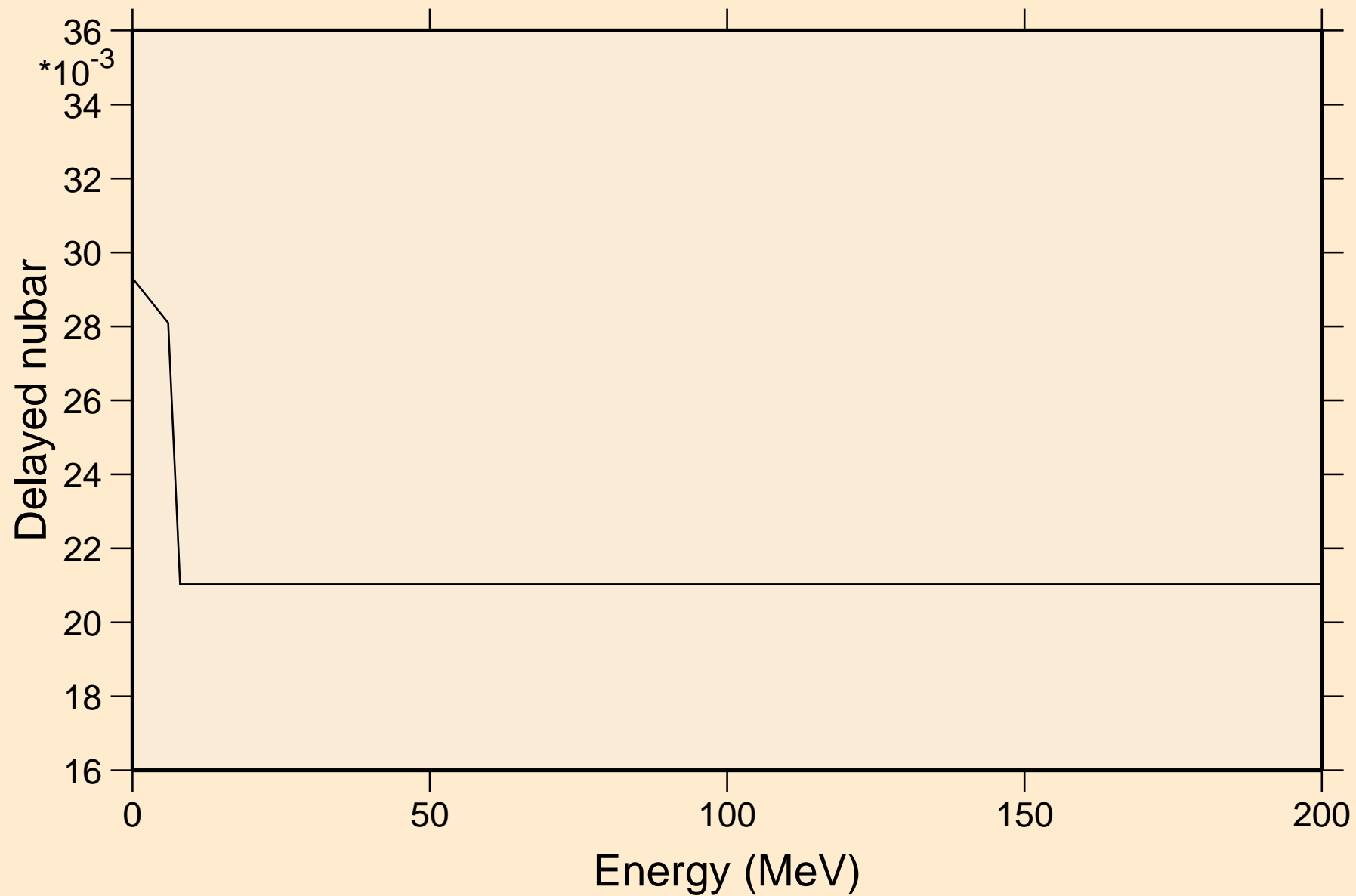


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



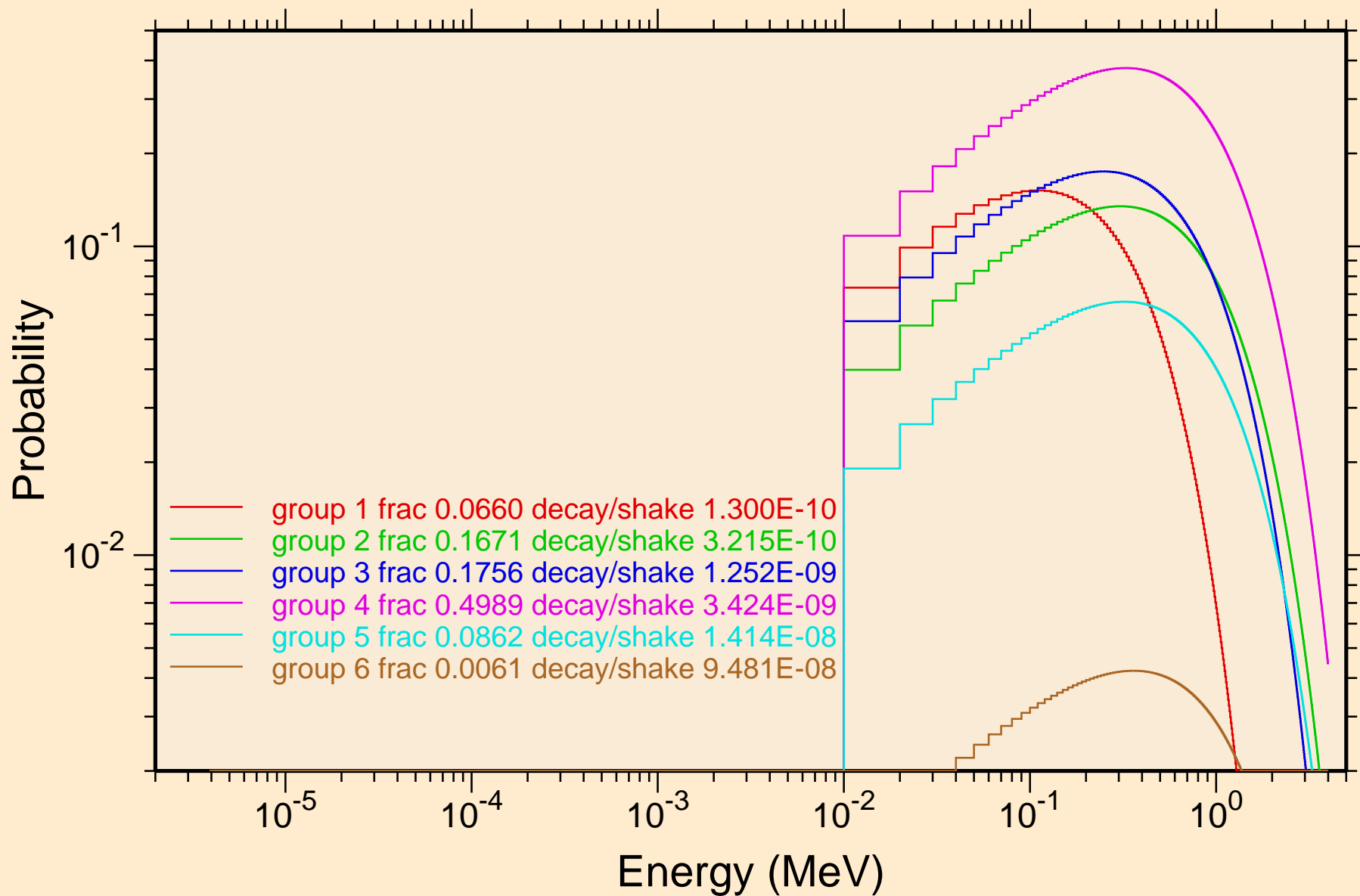
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Delayed nubar

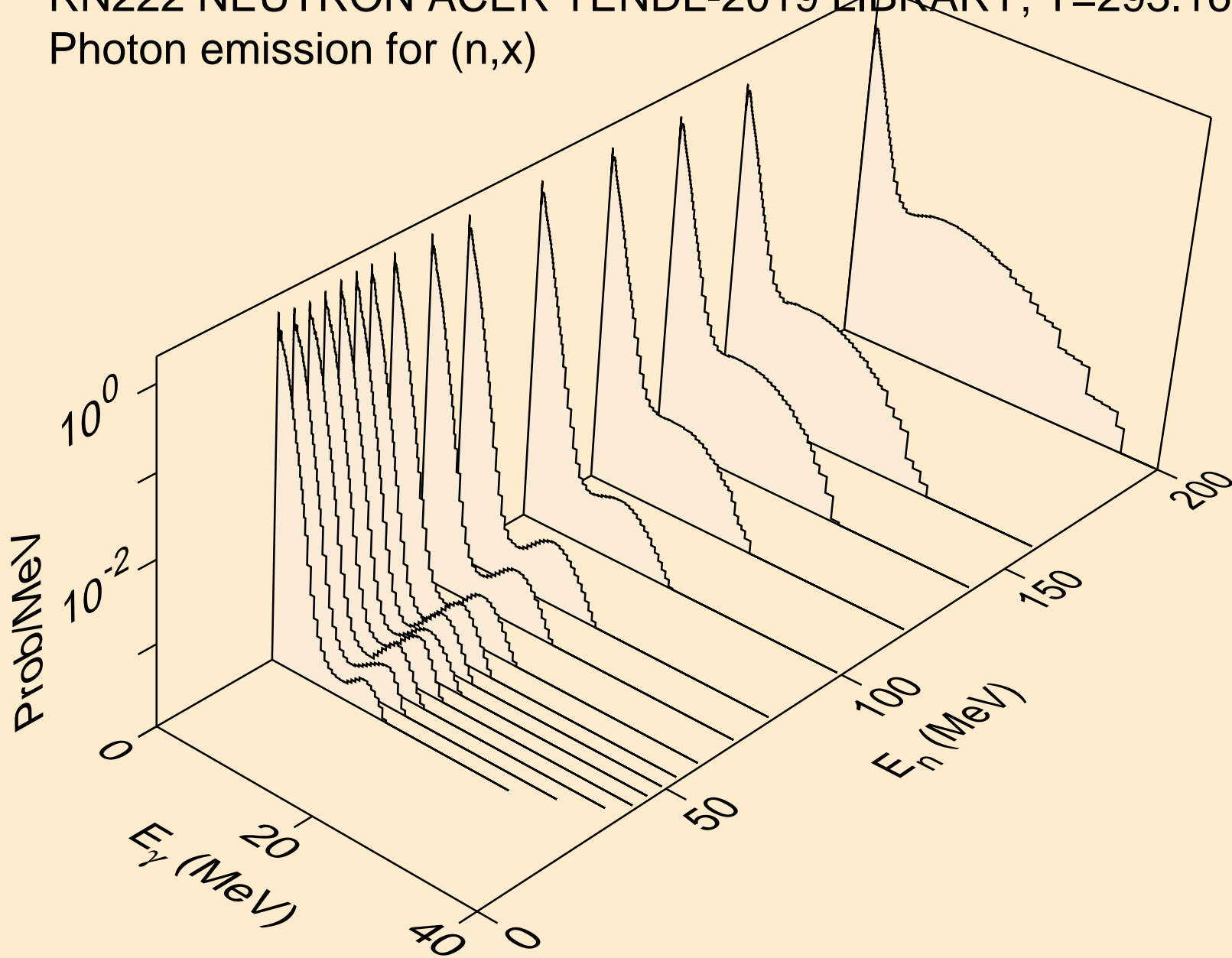


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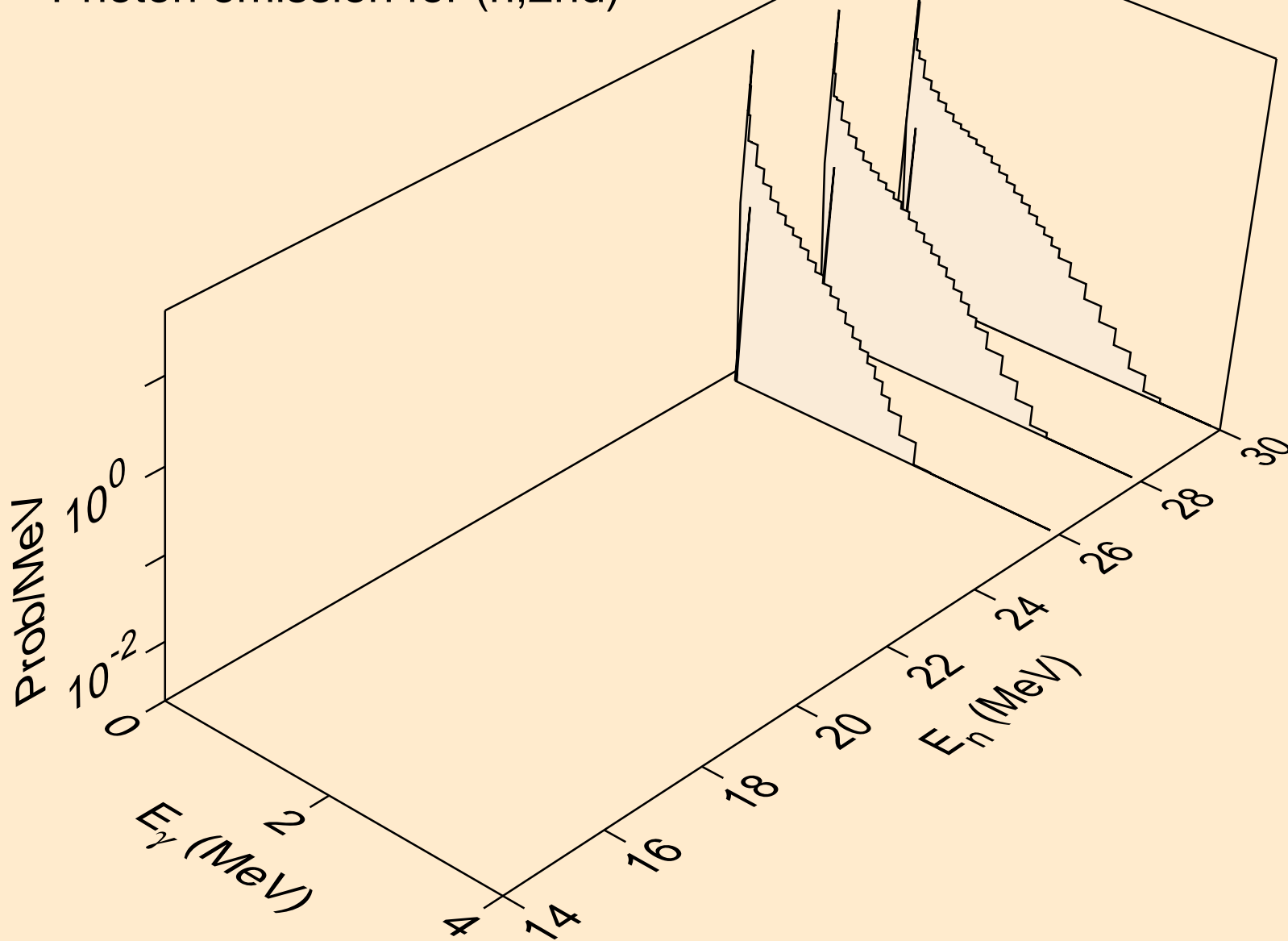
Delayed neutron spectra



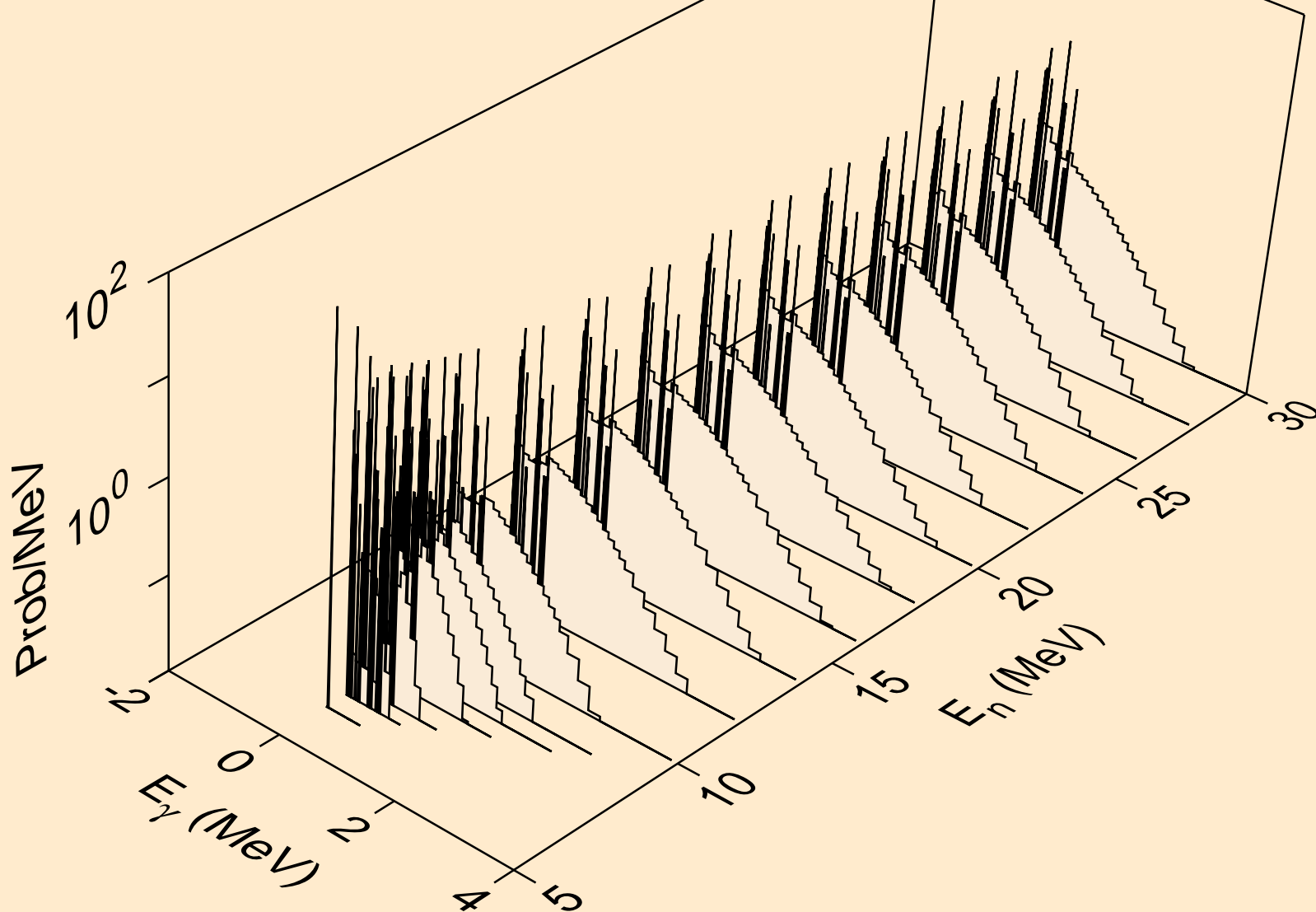
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



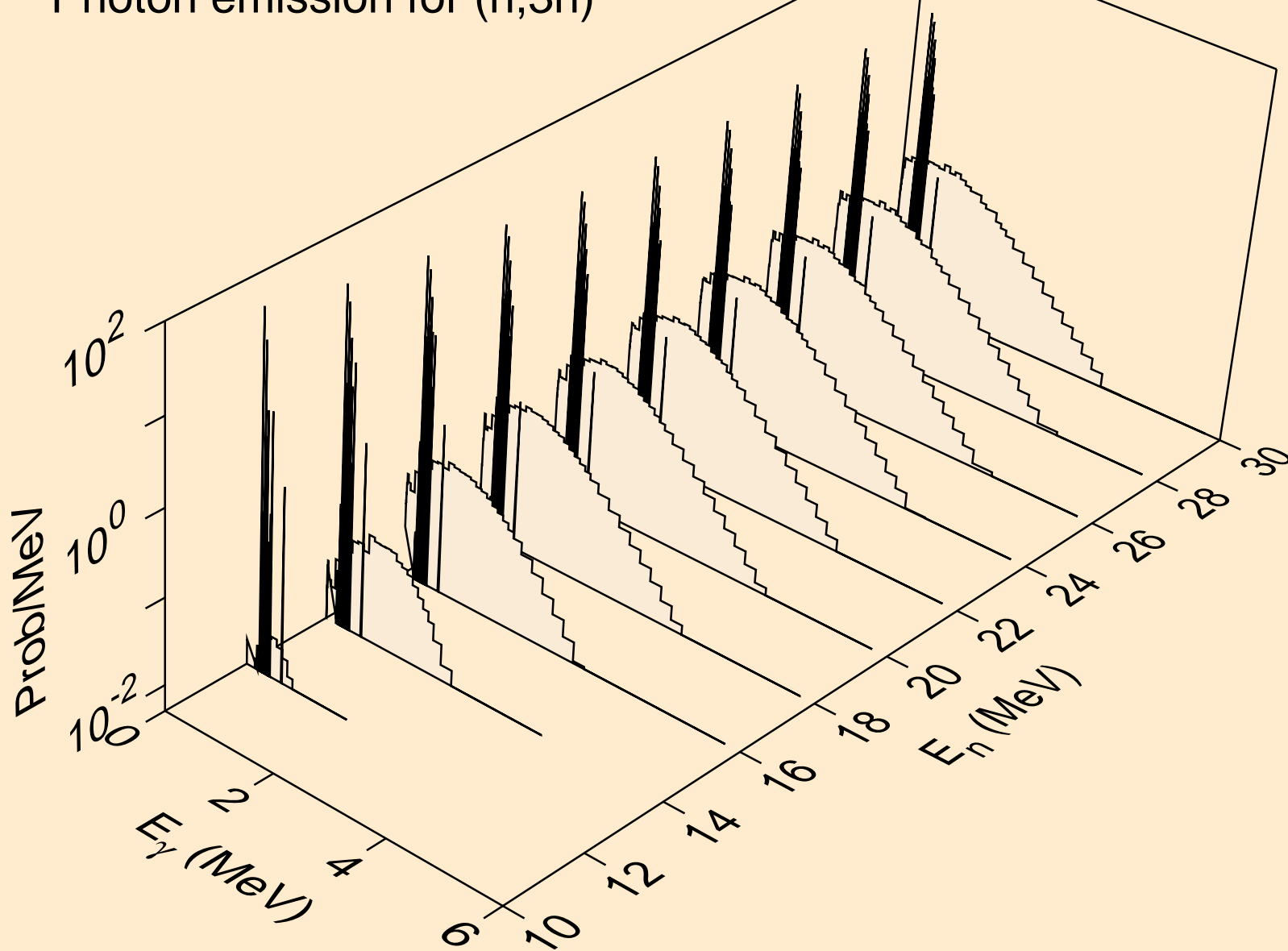
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



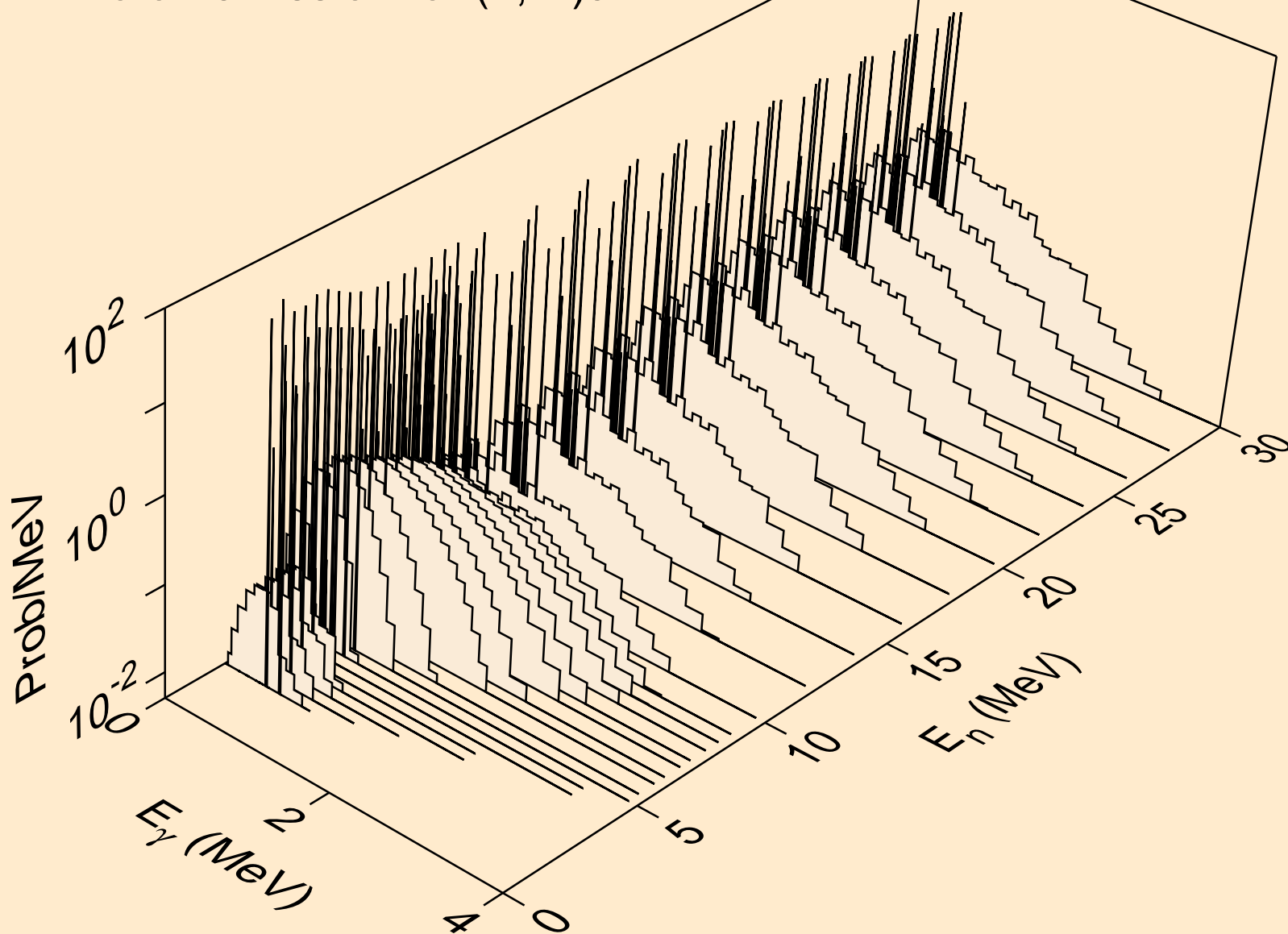
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



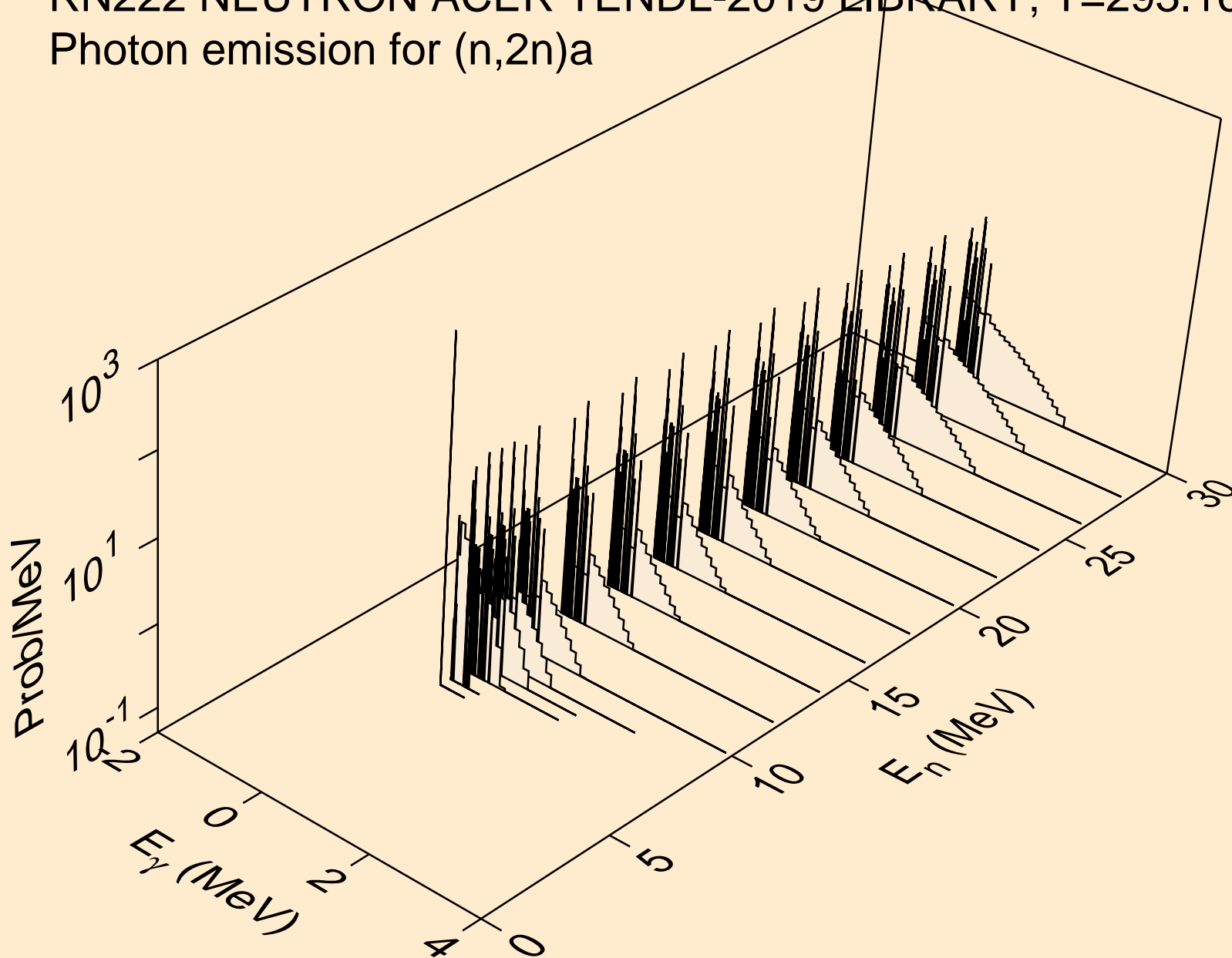
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Photon emission for (n,3n)



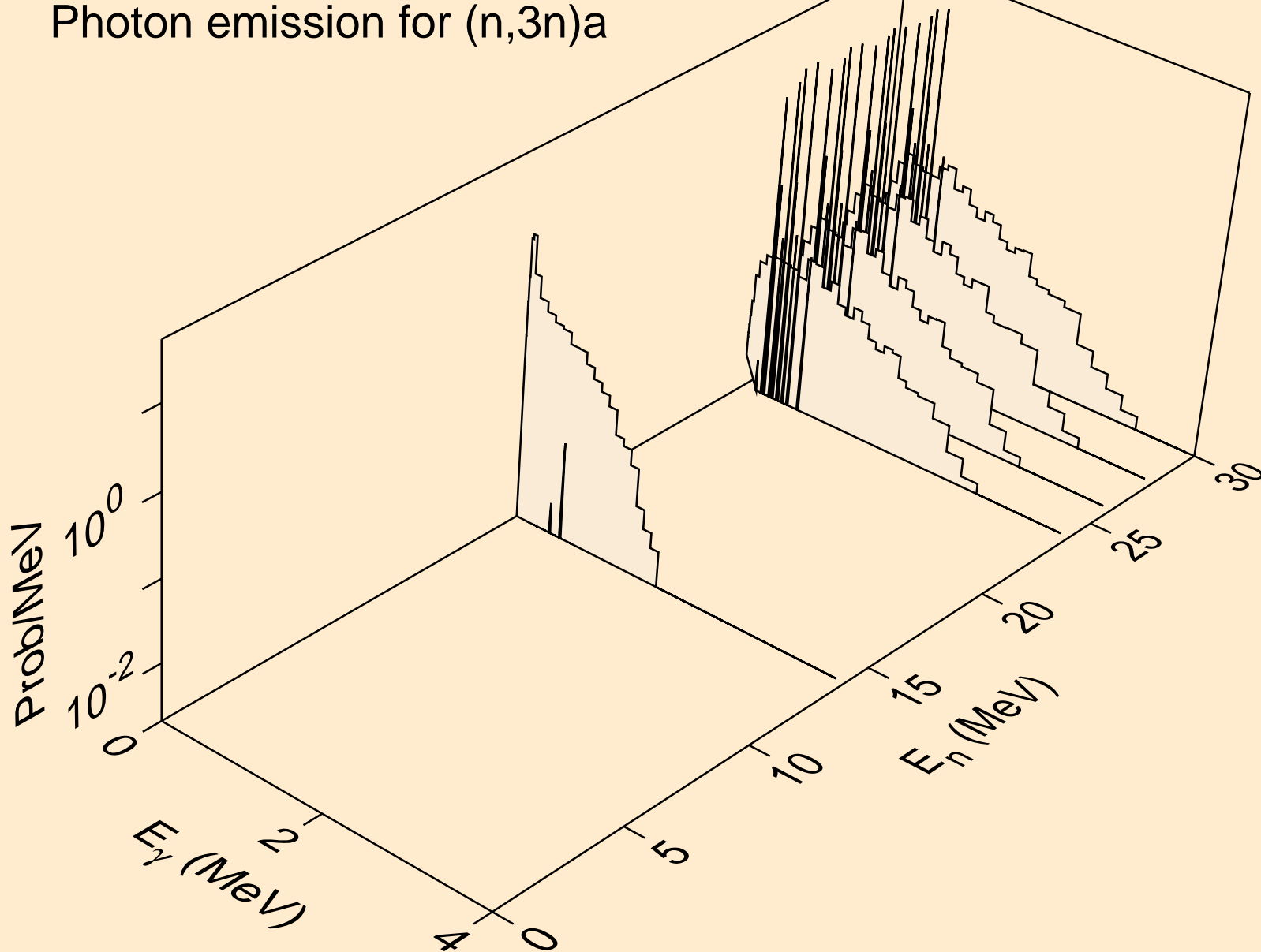
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



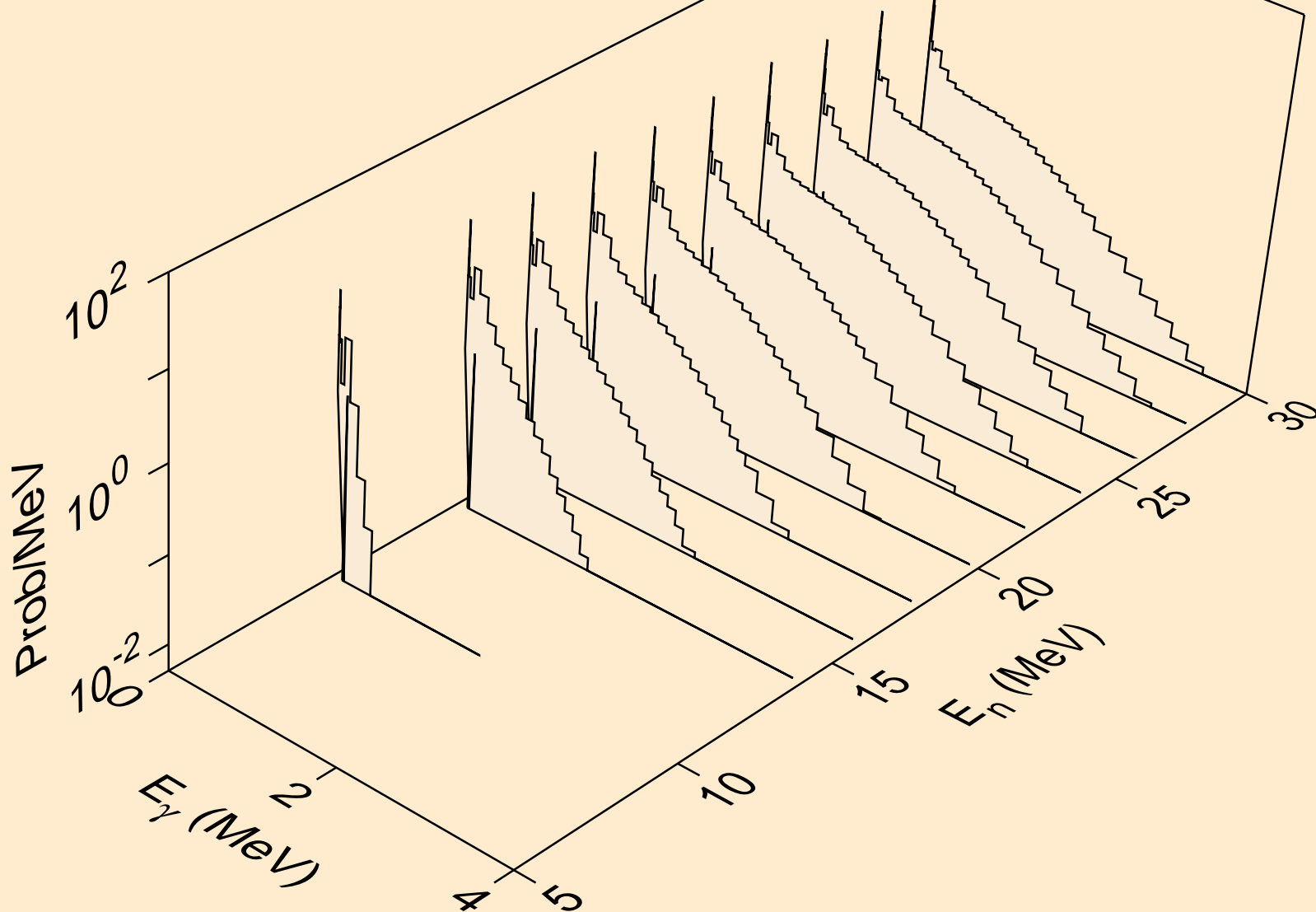
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



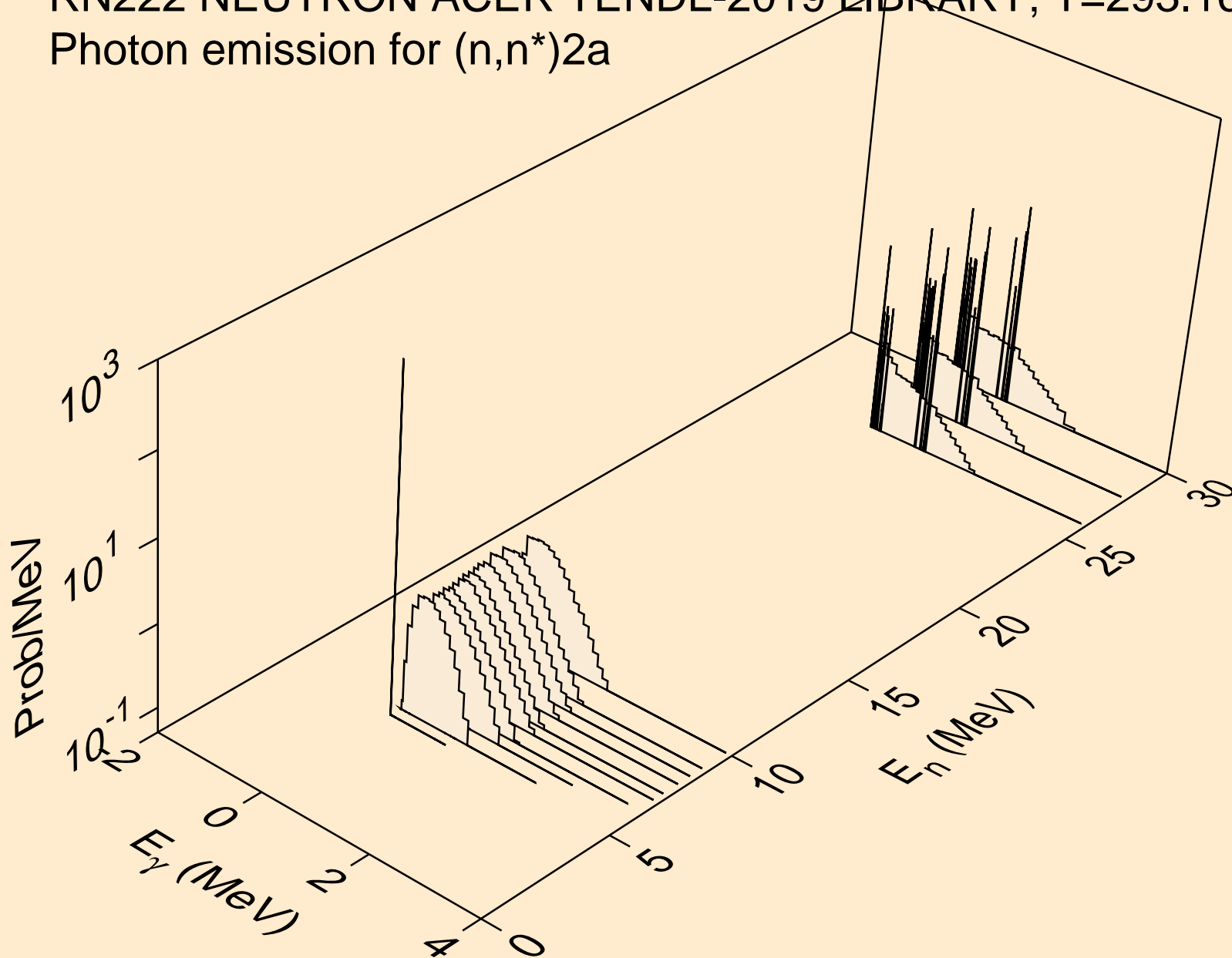
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



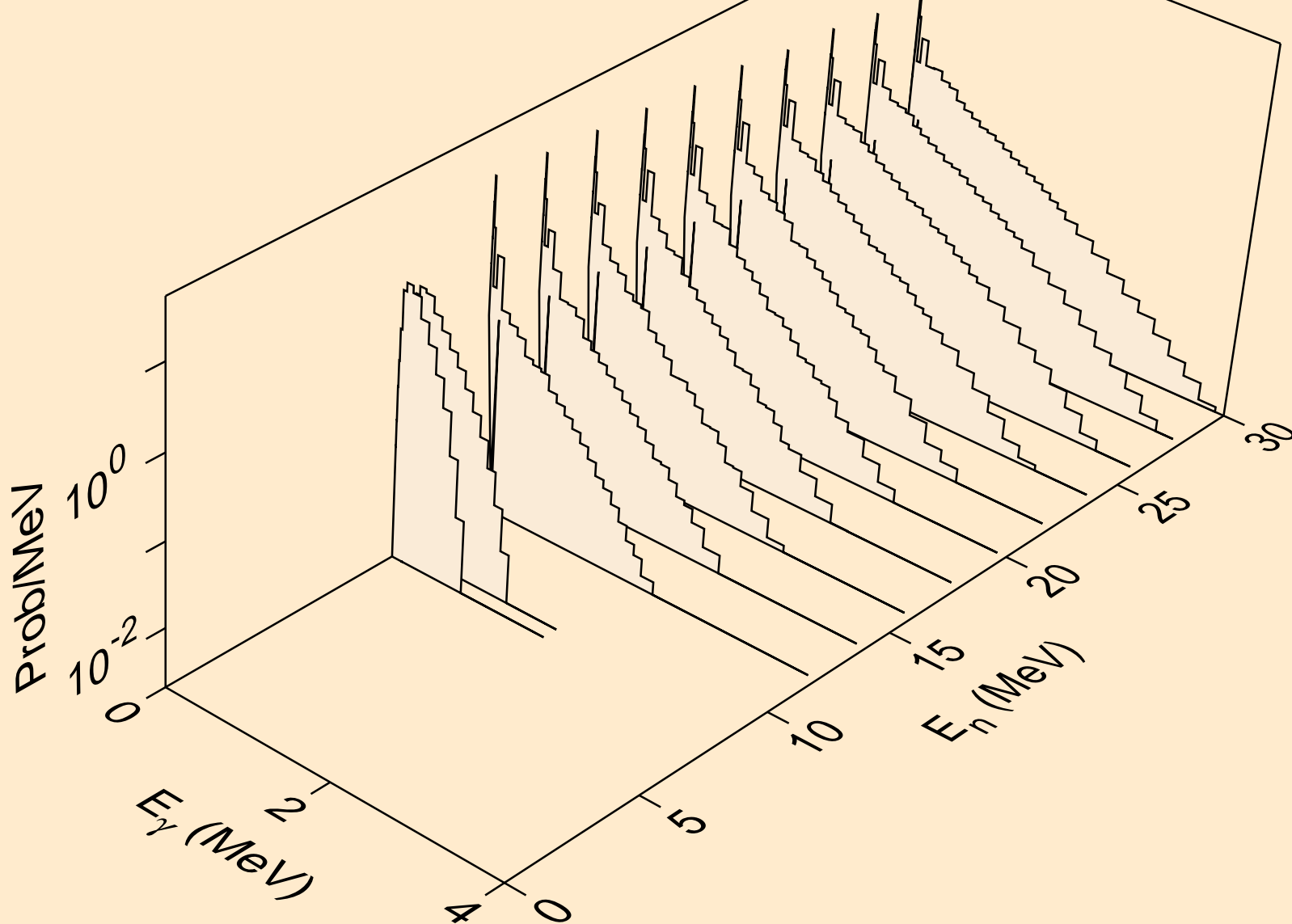
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



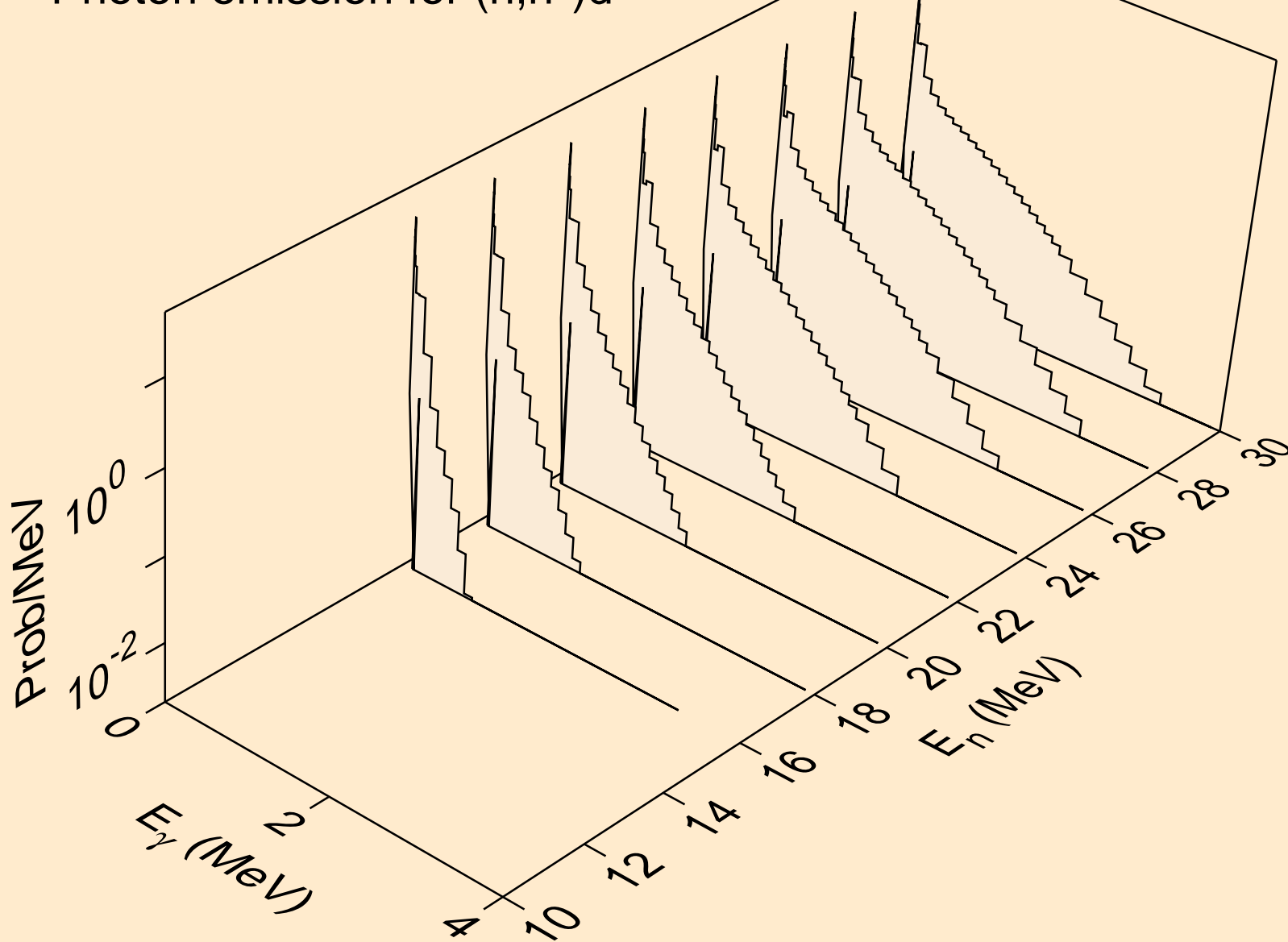
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



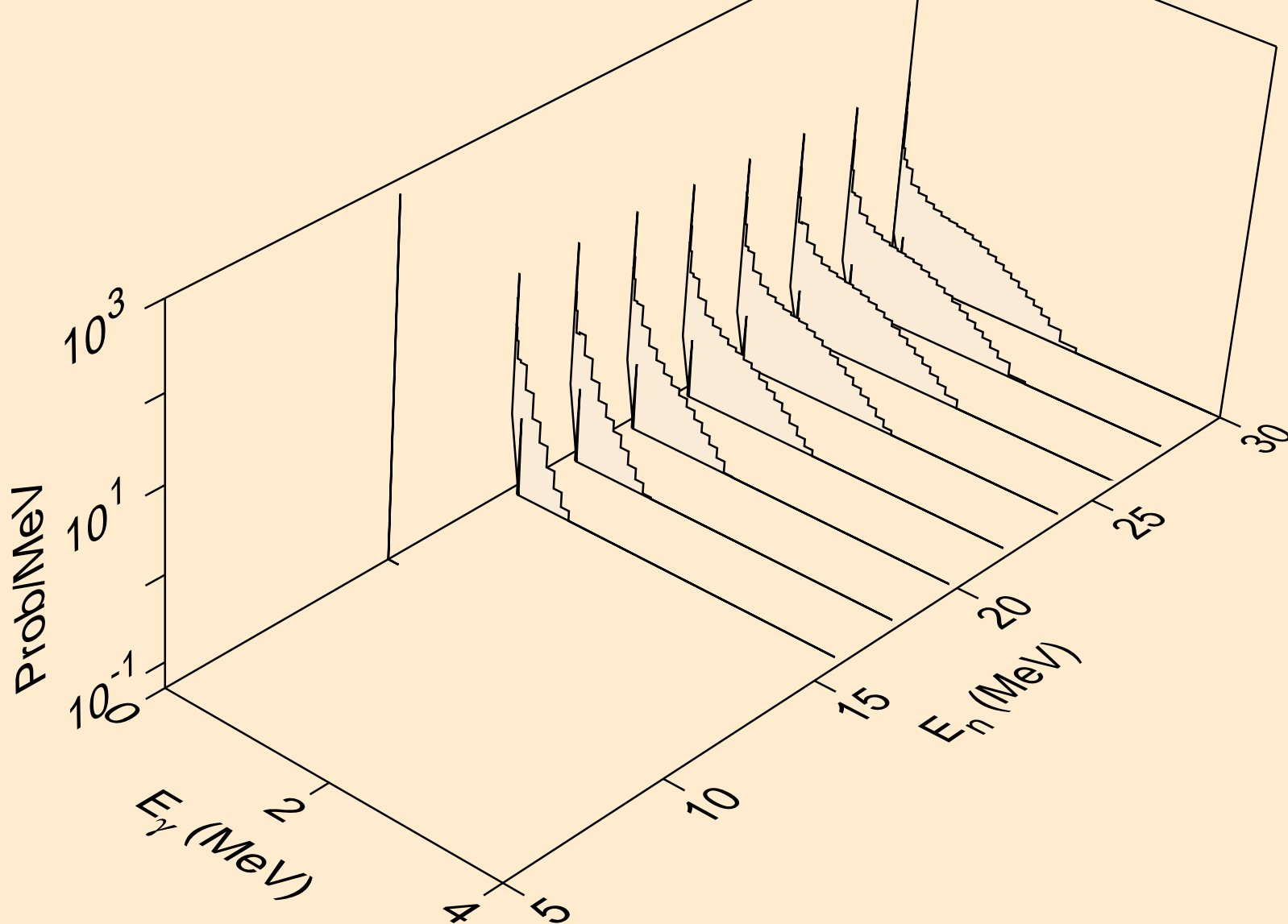
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



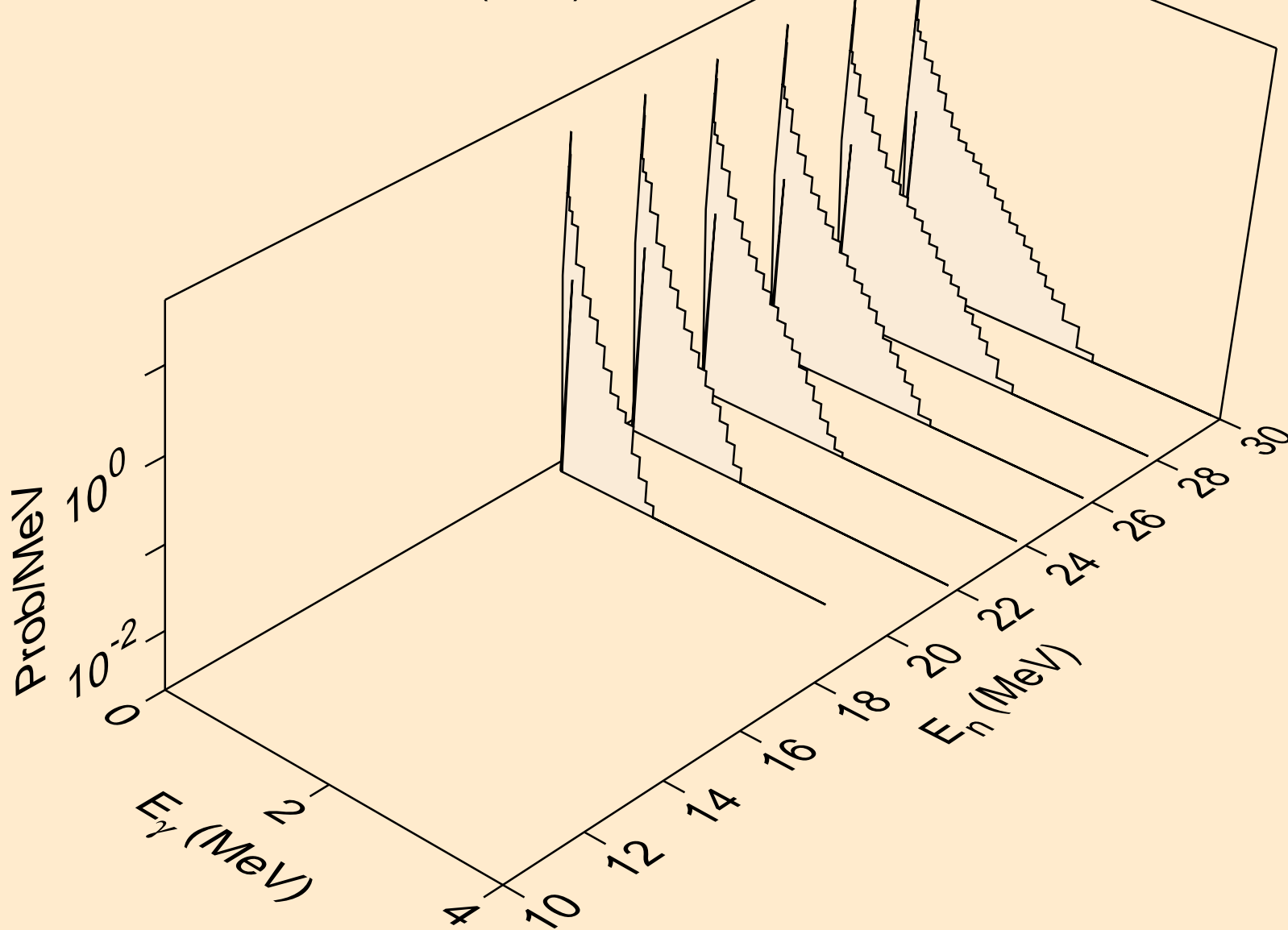
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



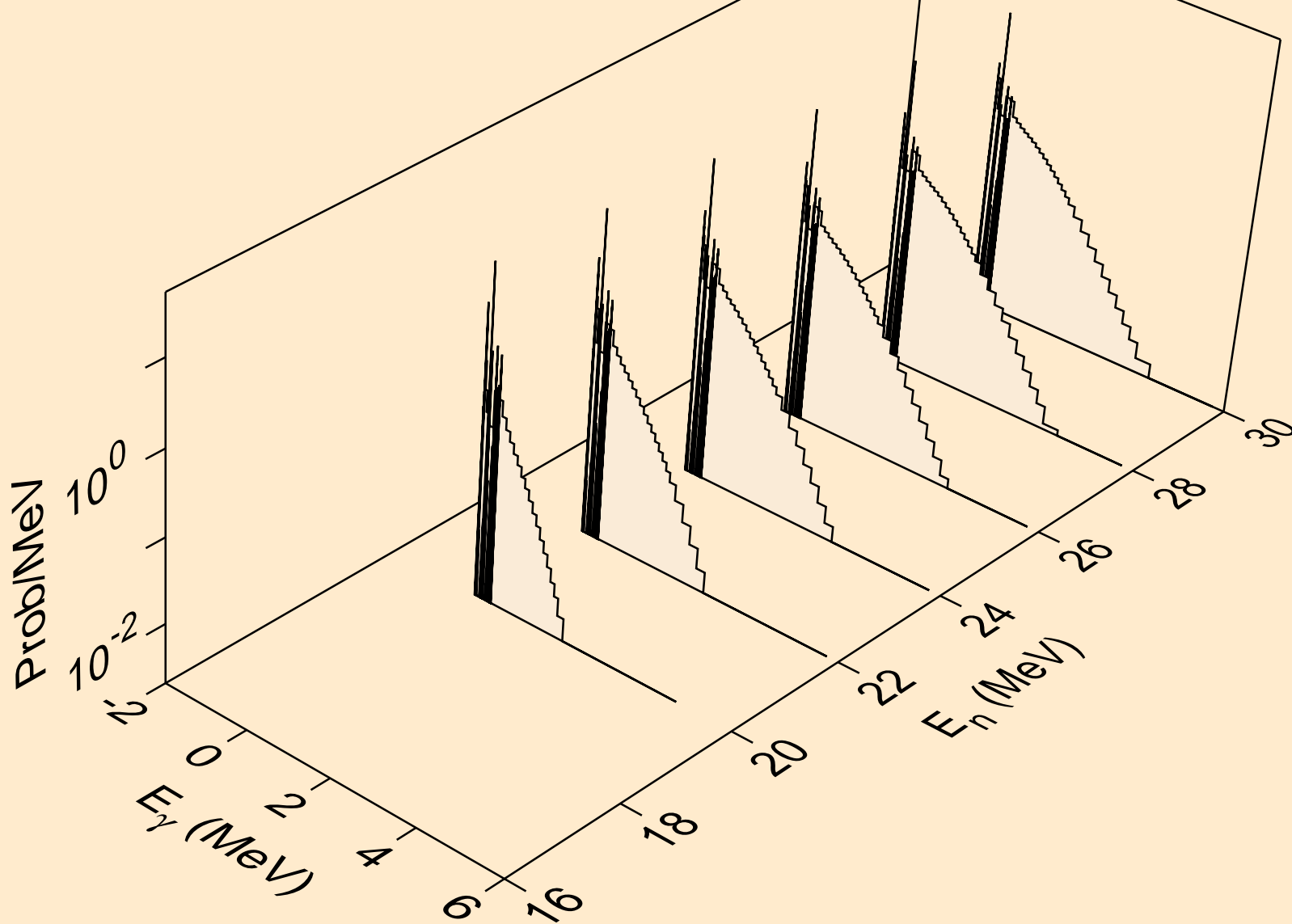
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



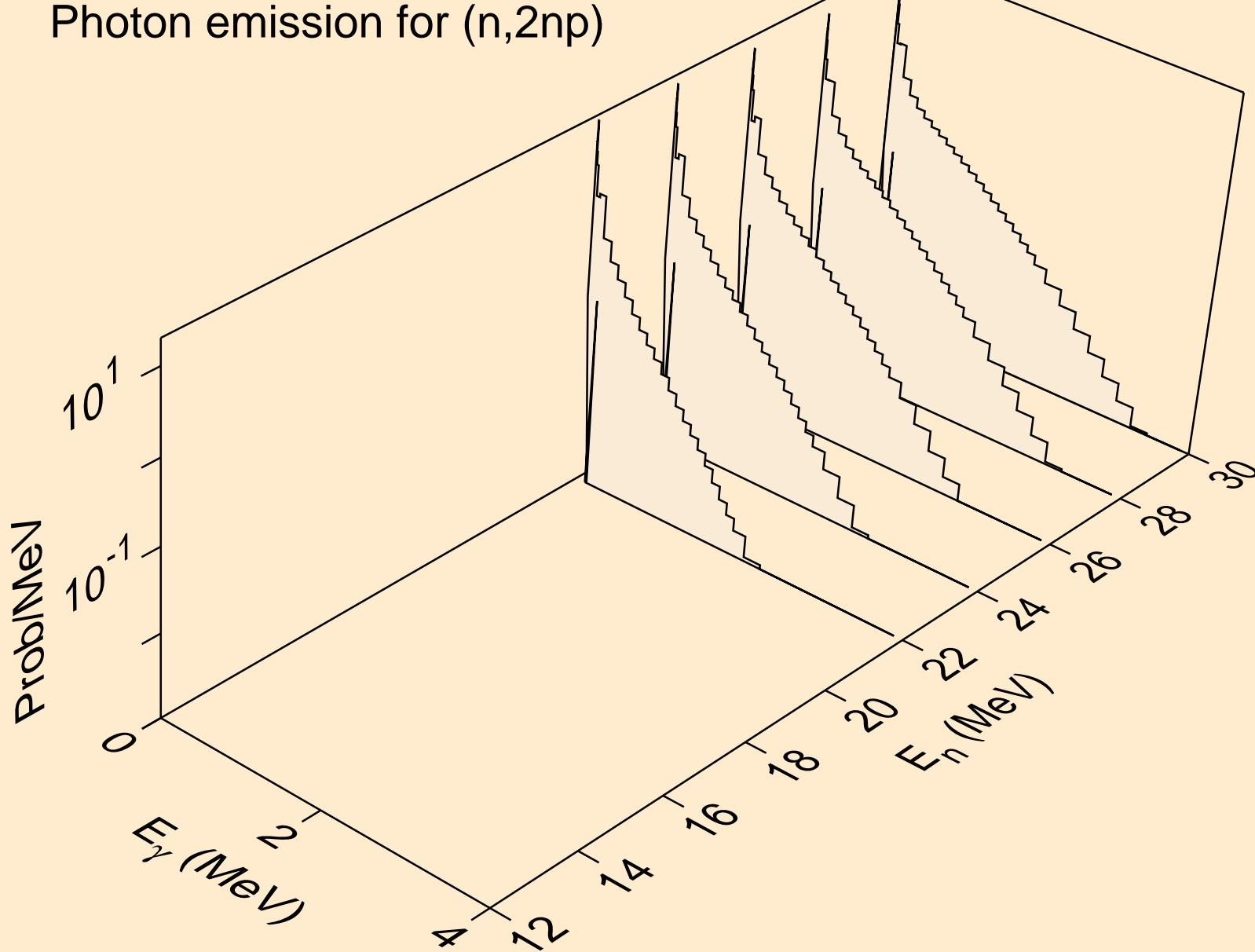
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



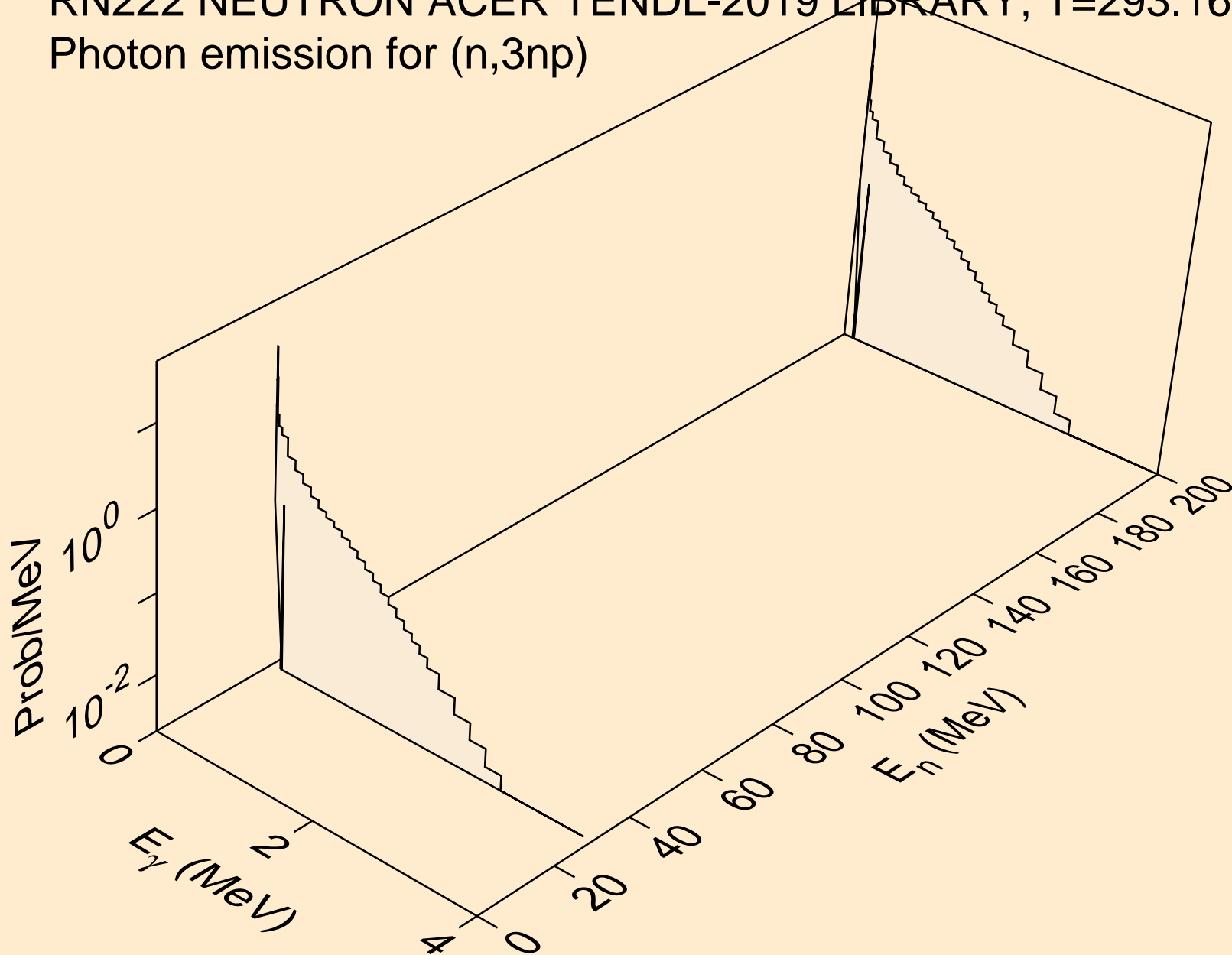
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



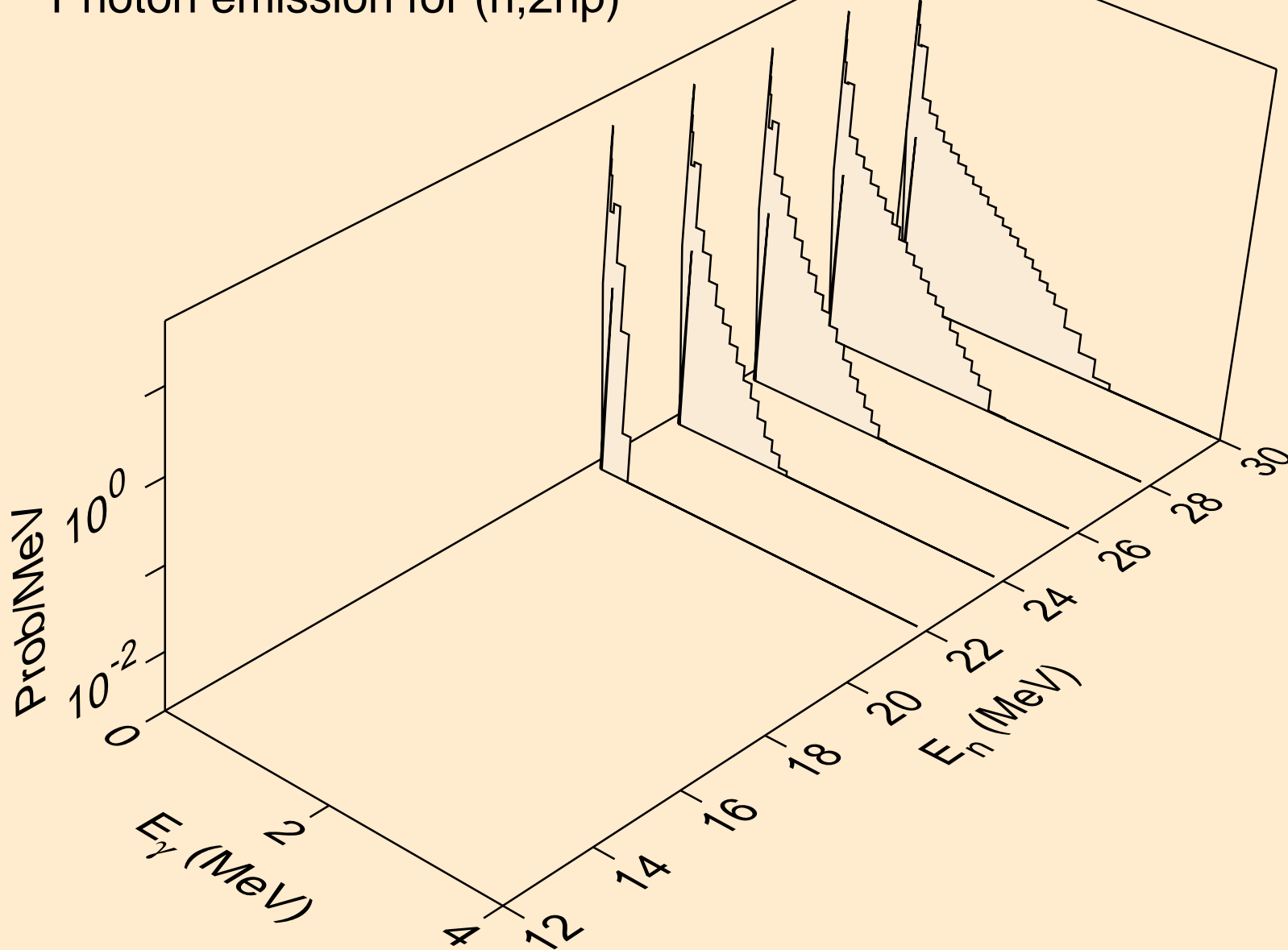
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



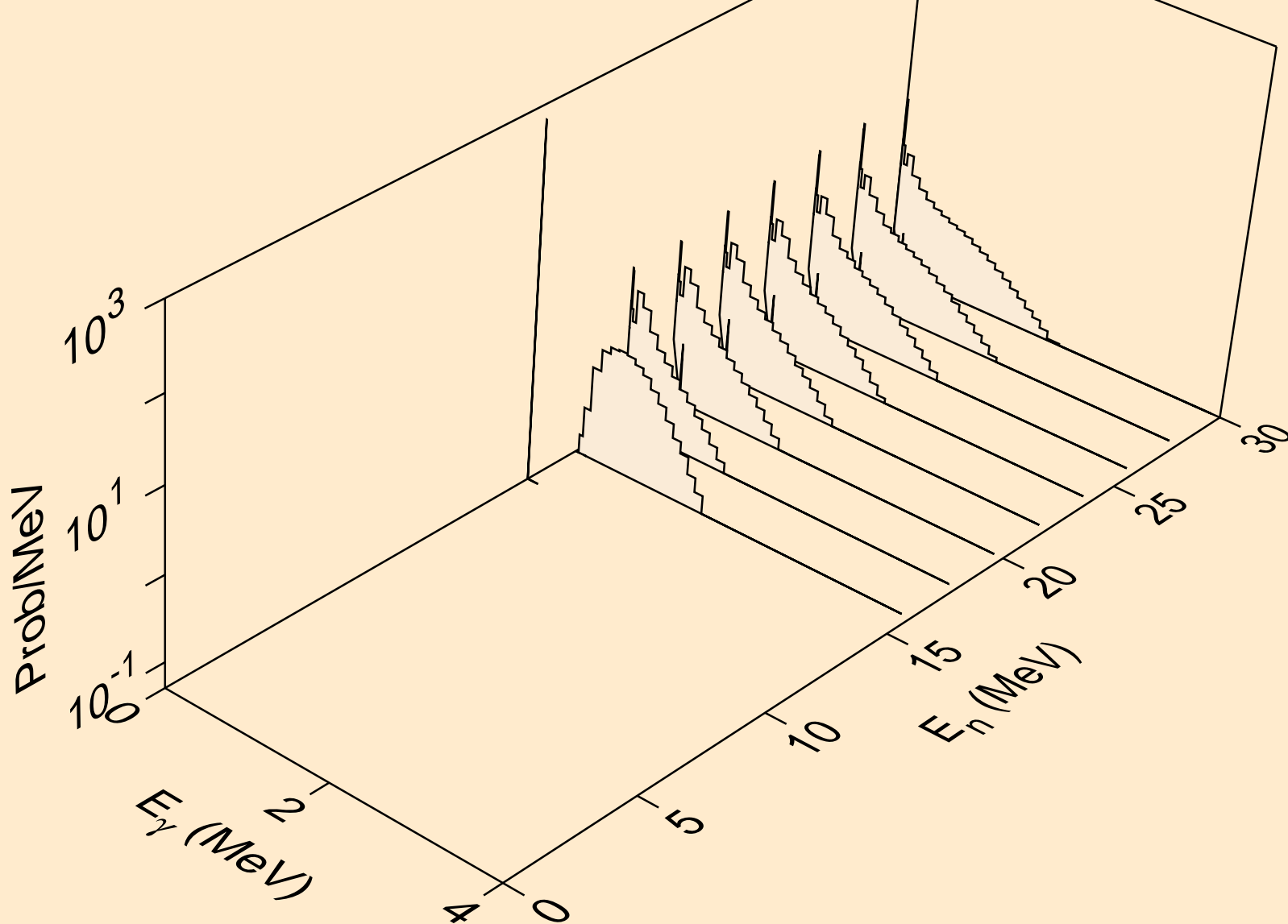
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



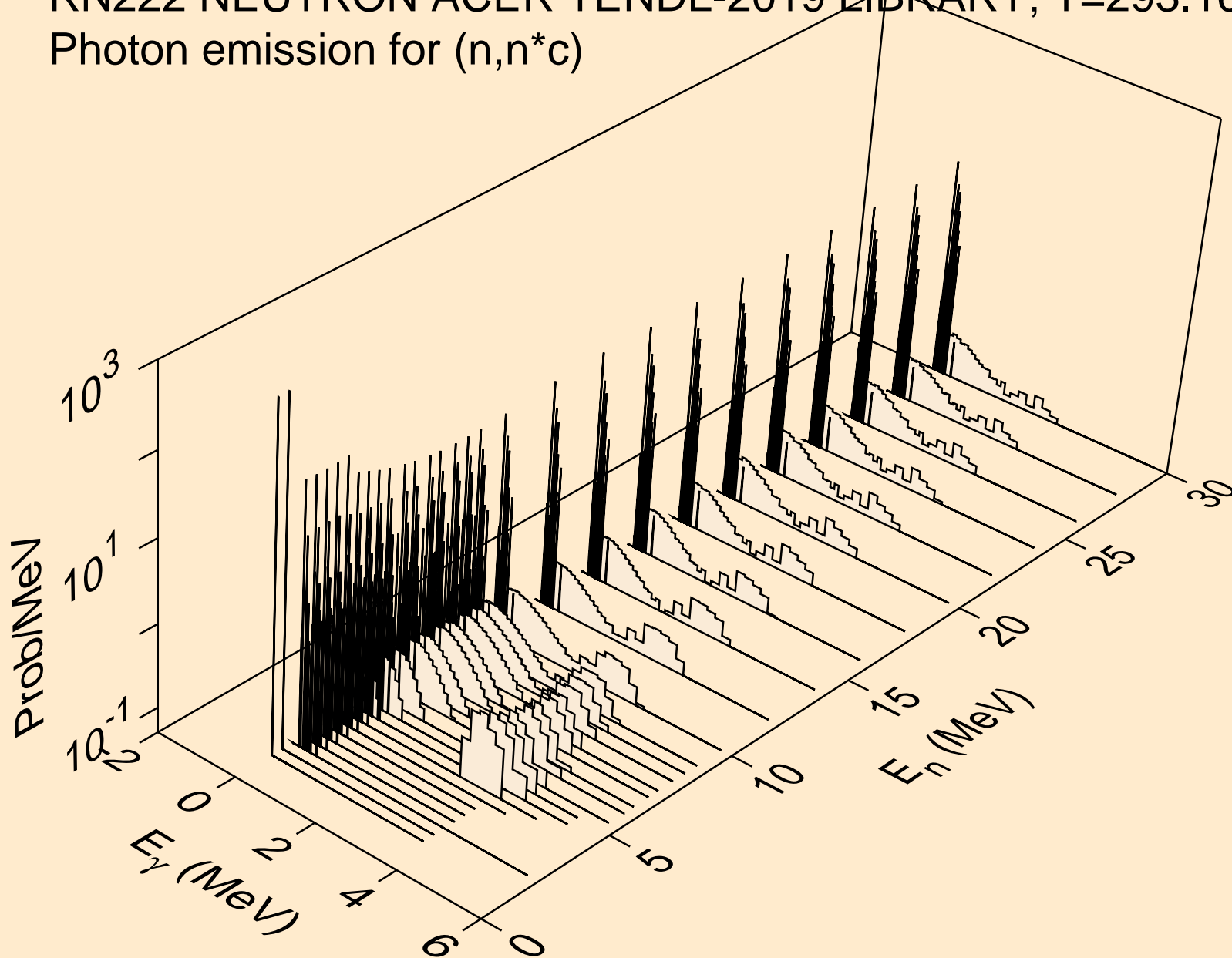
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



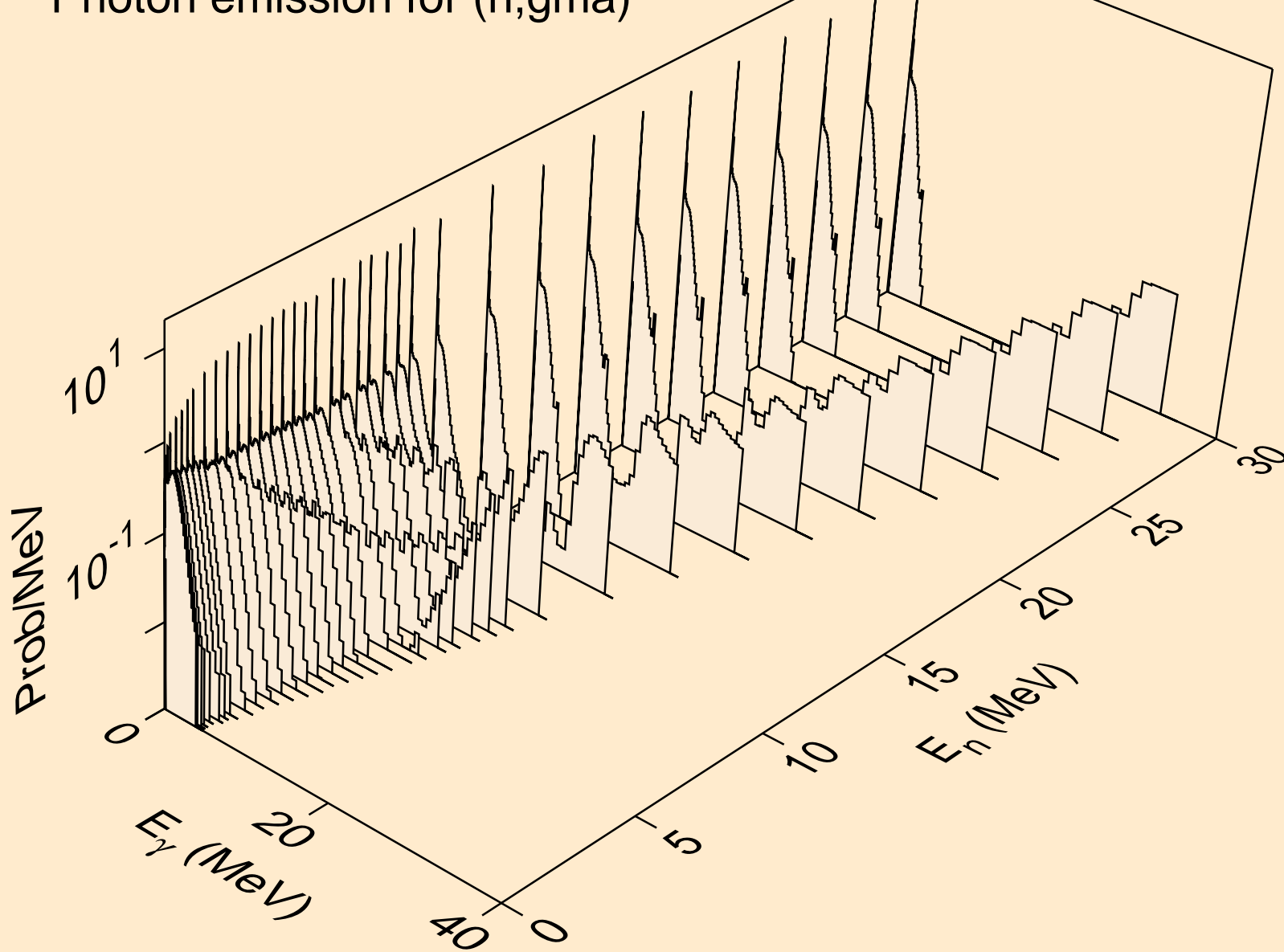
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



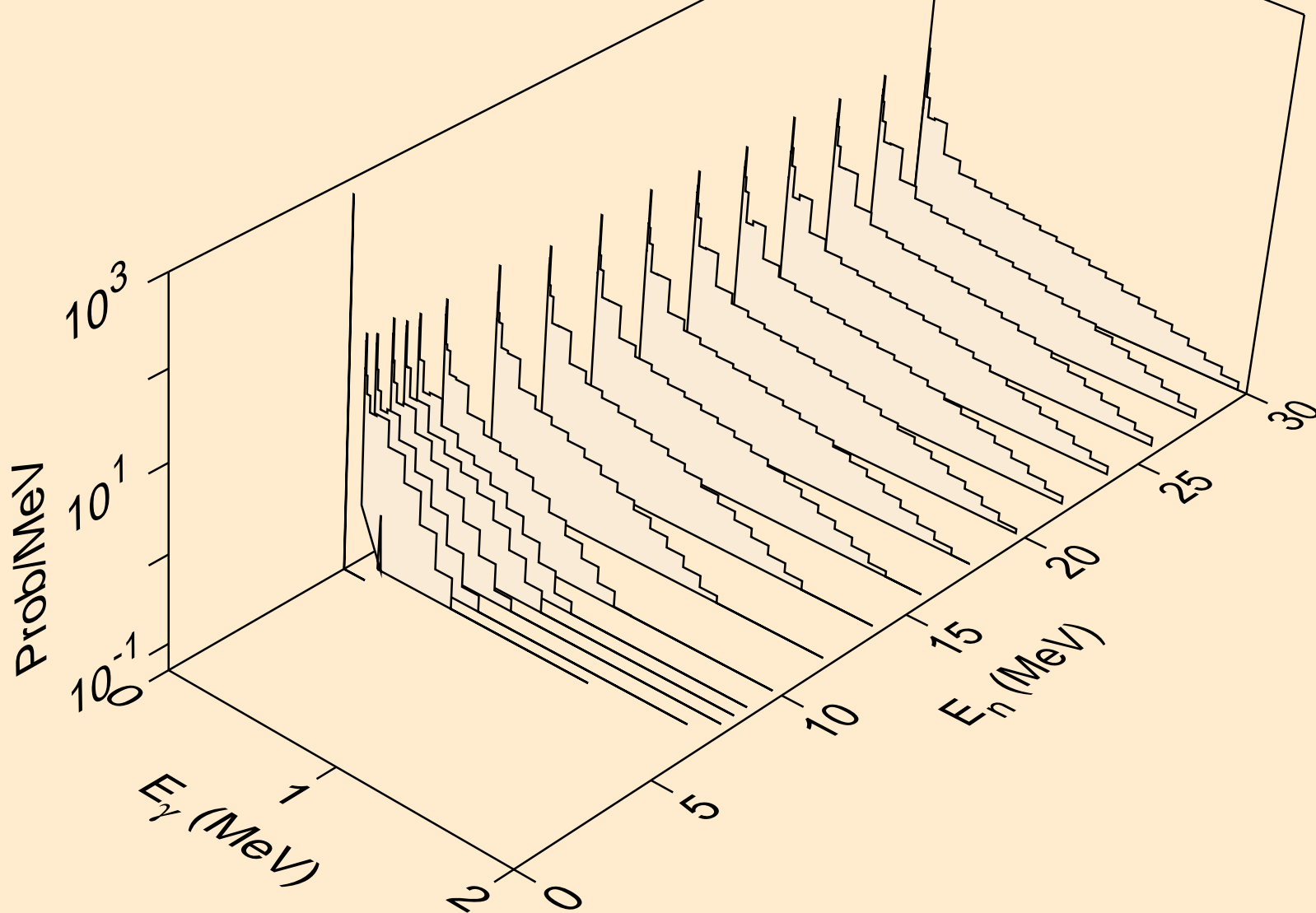
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



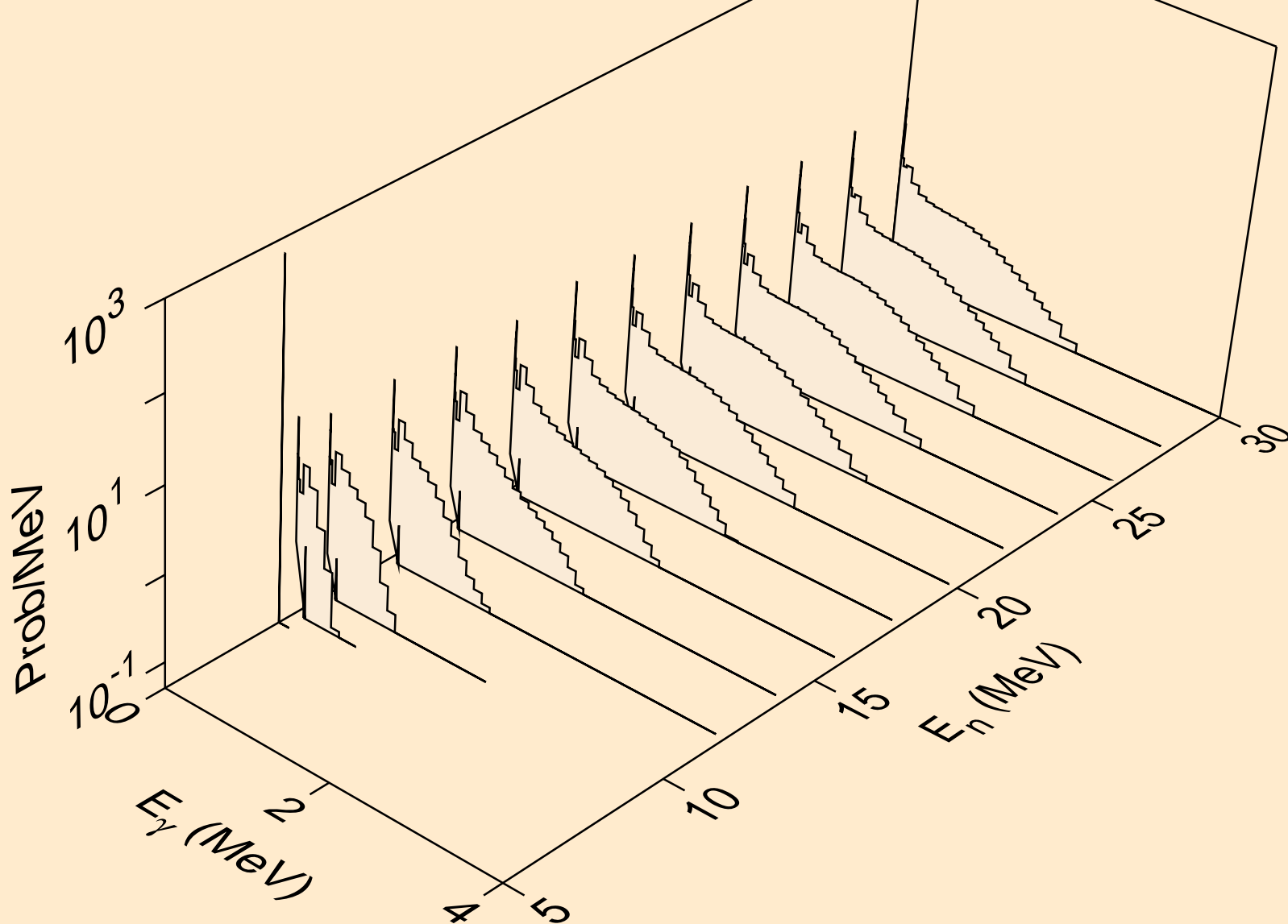
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



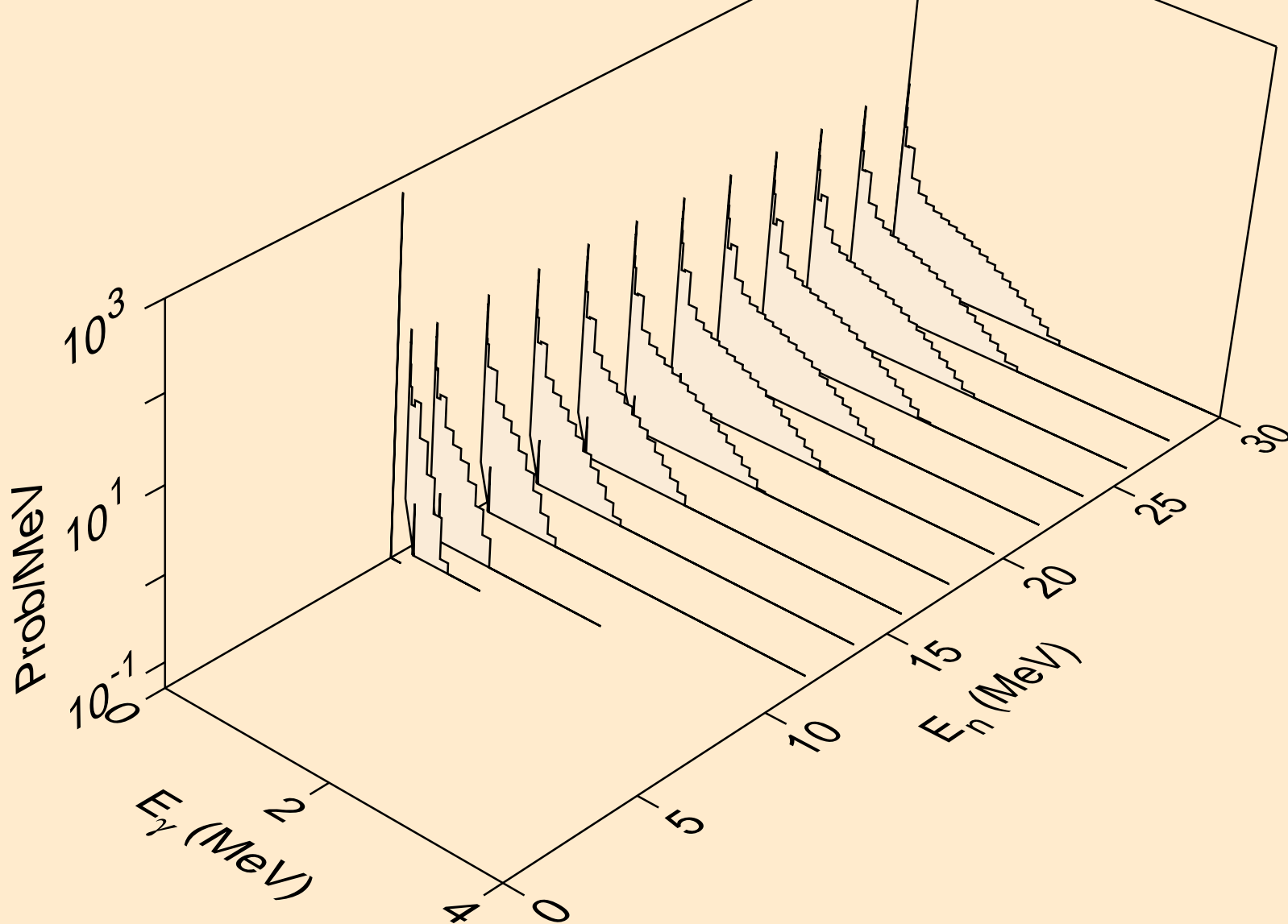
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



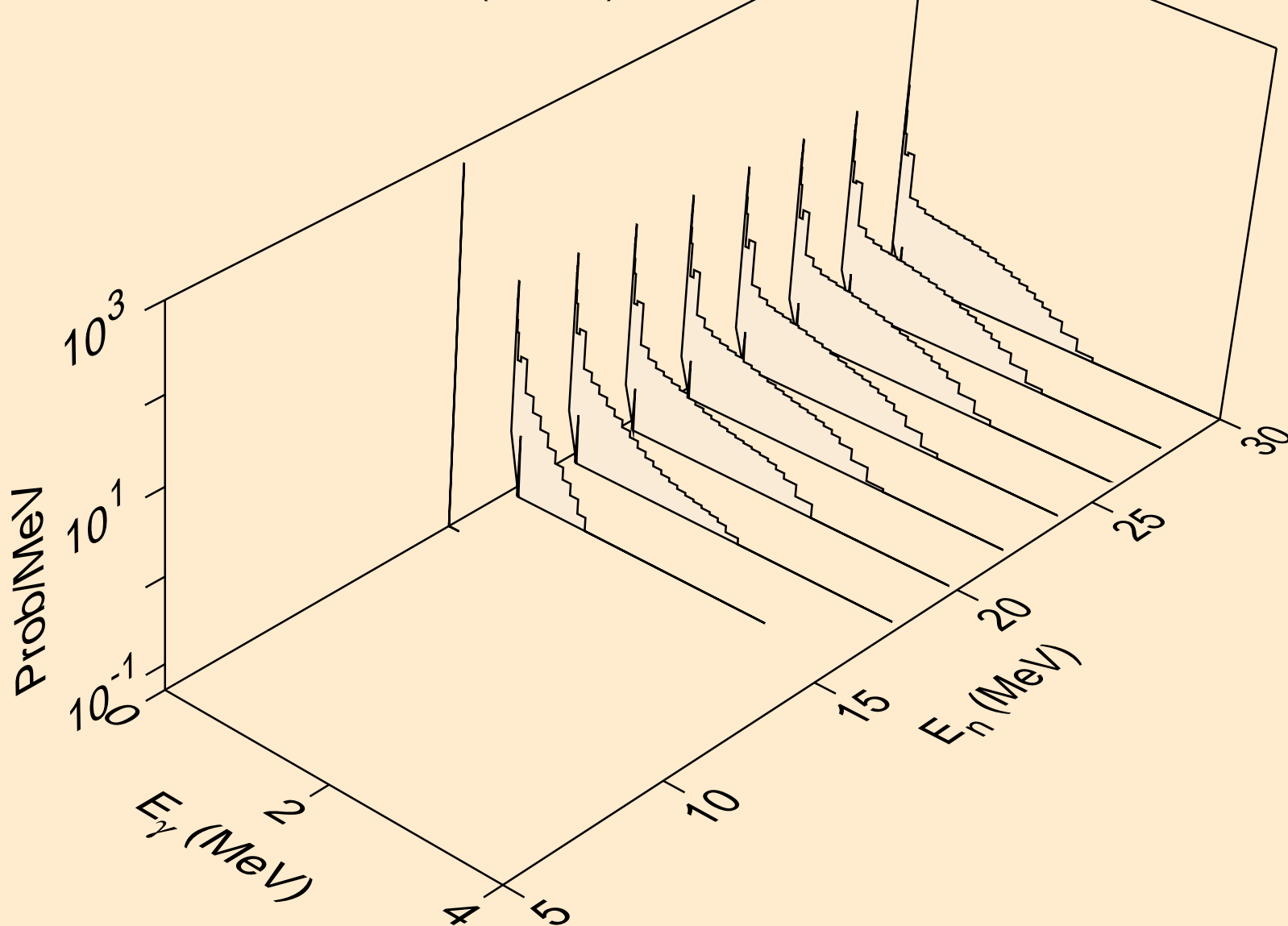
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



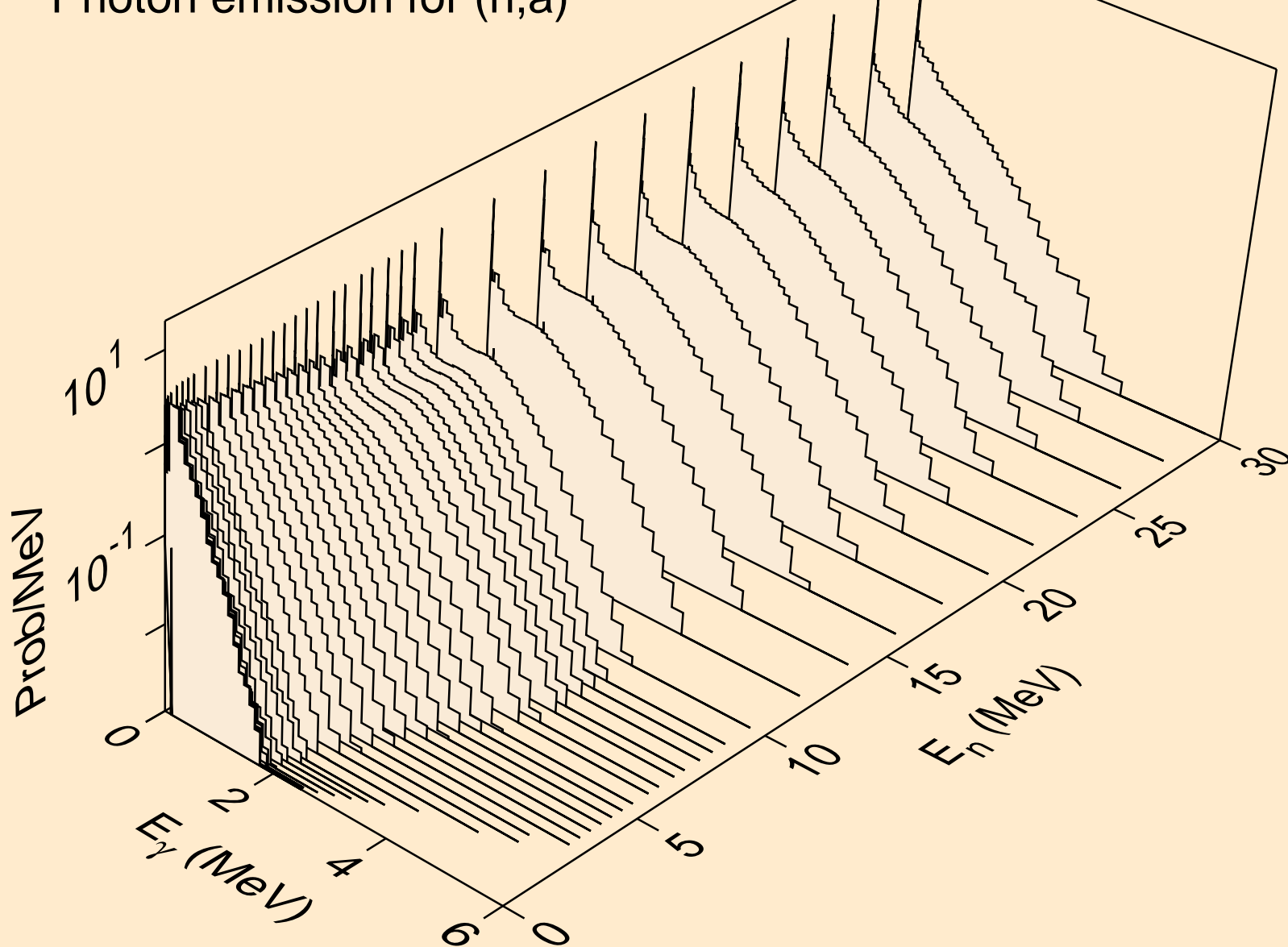
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



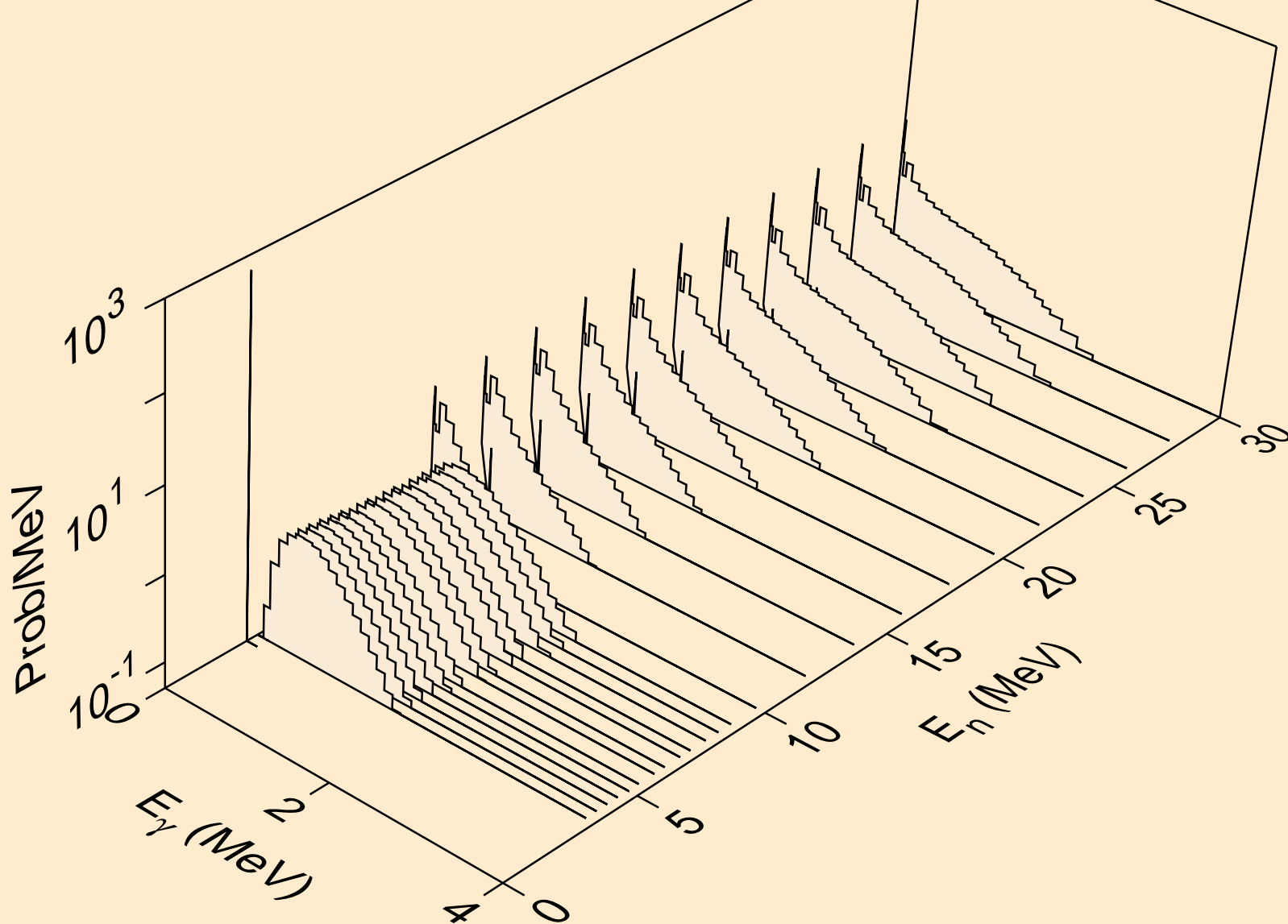
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



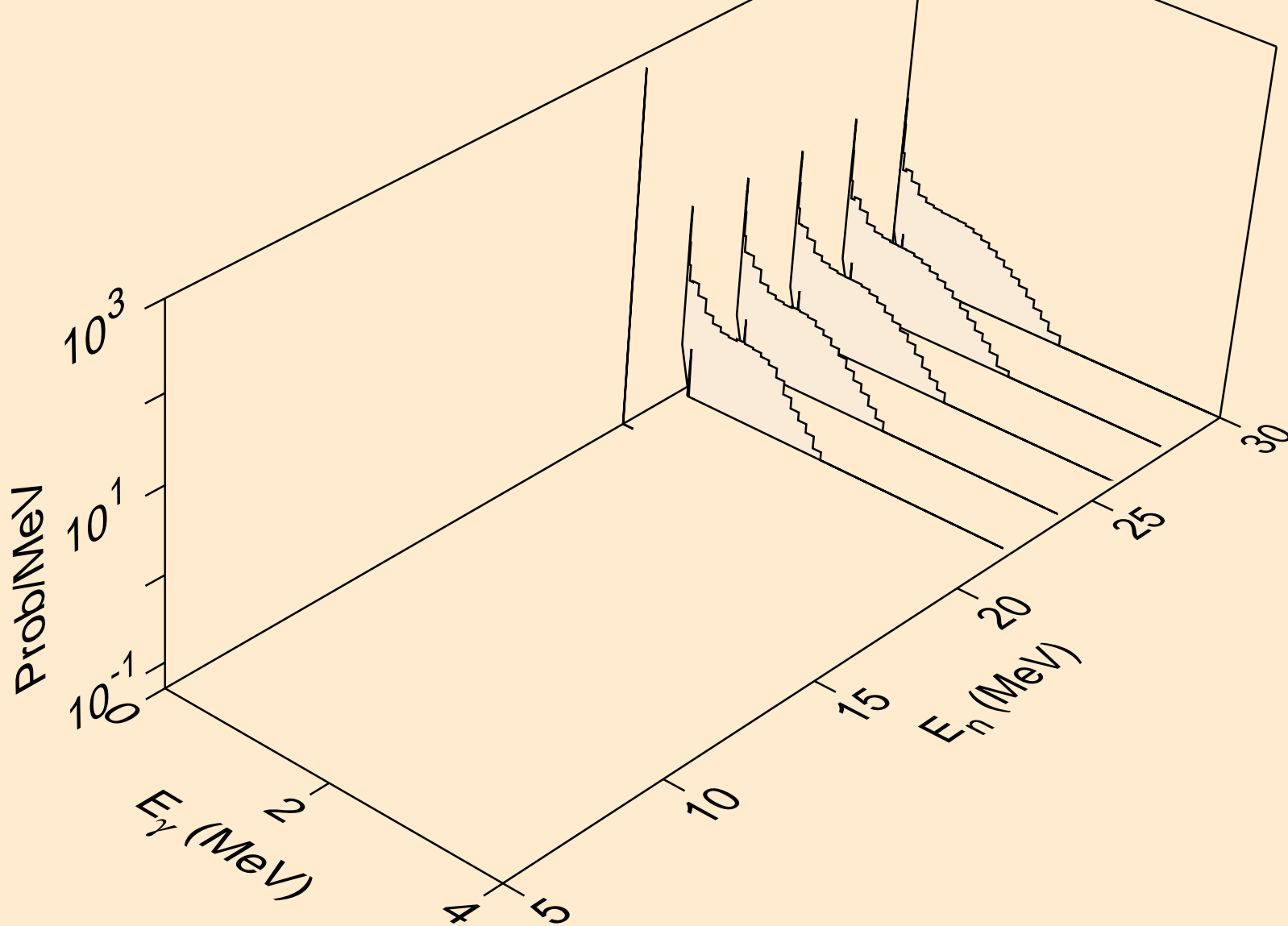
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



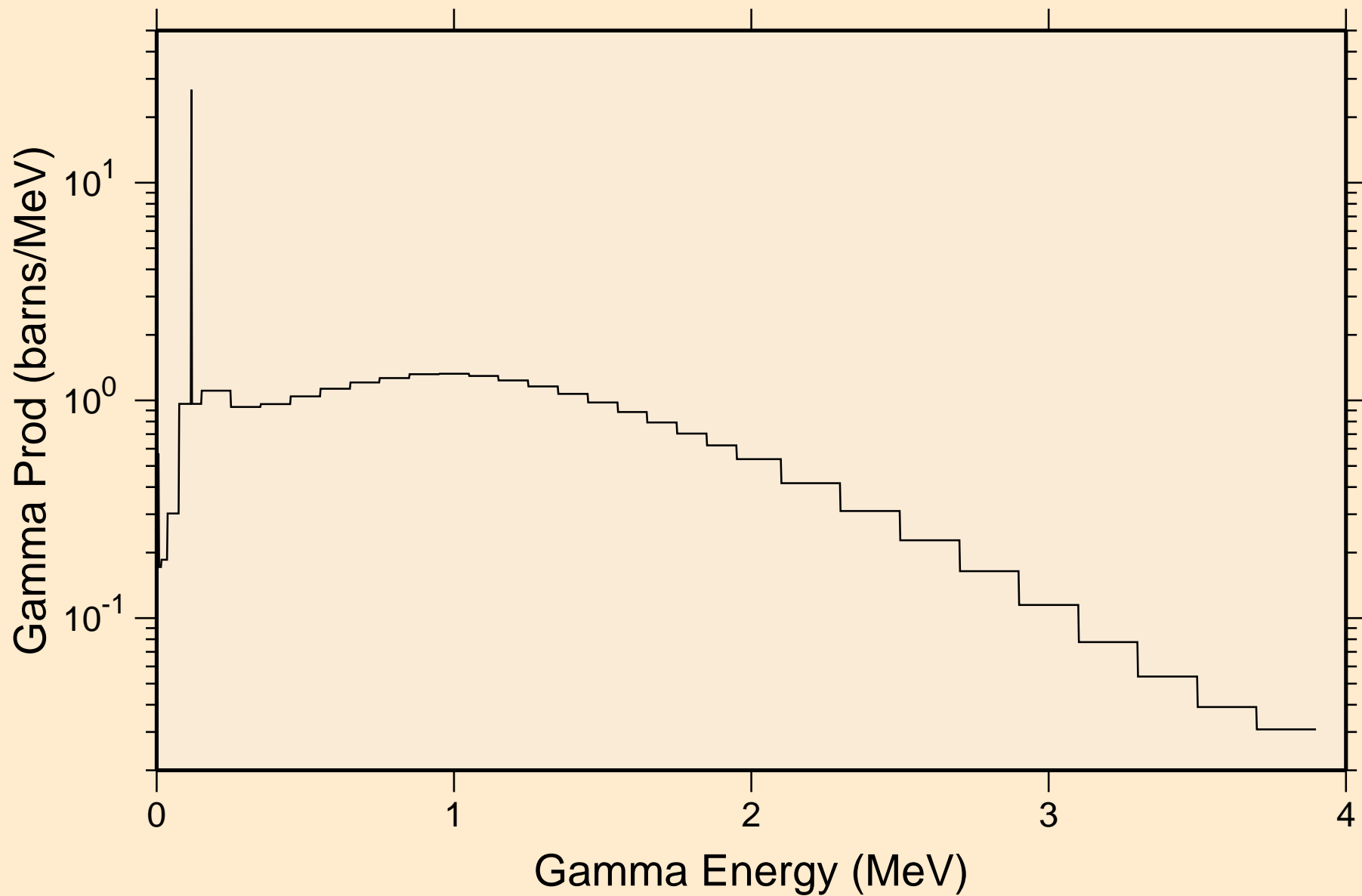
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



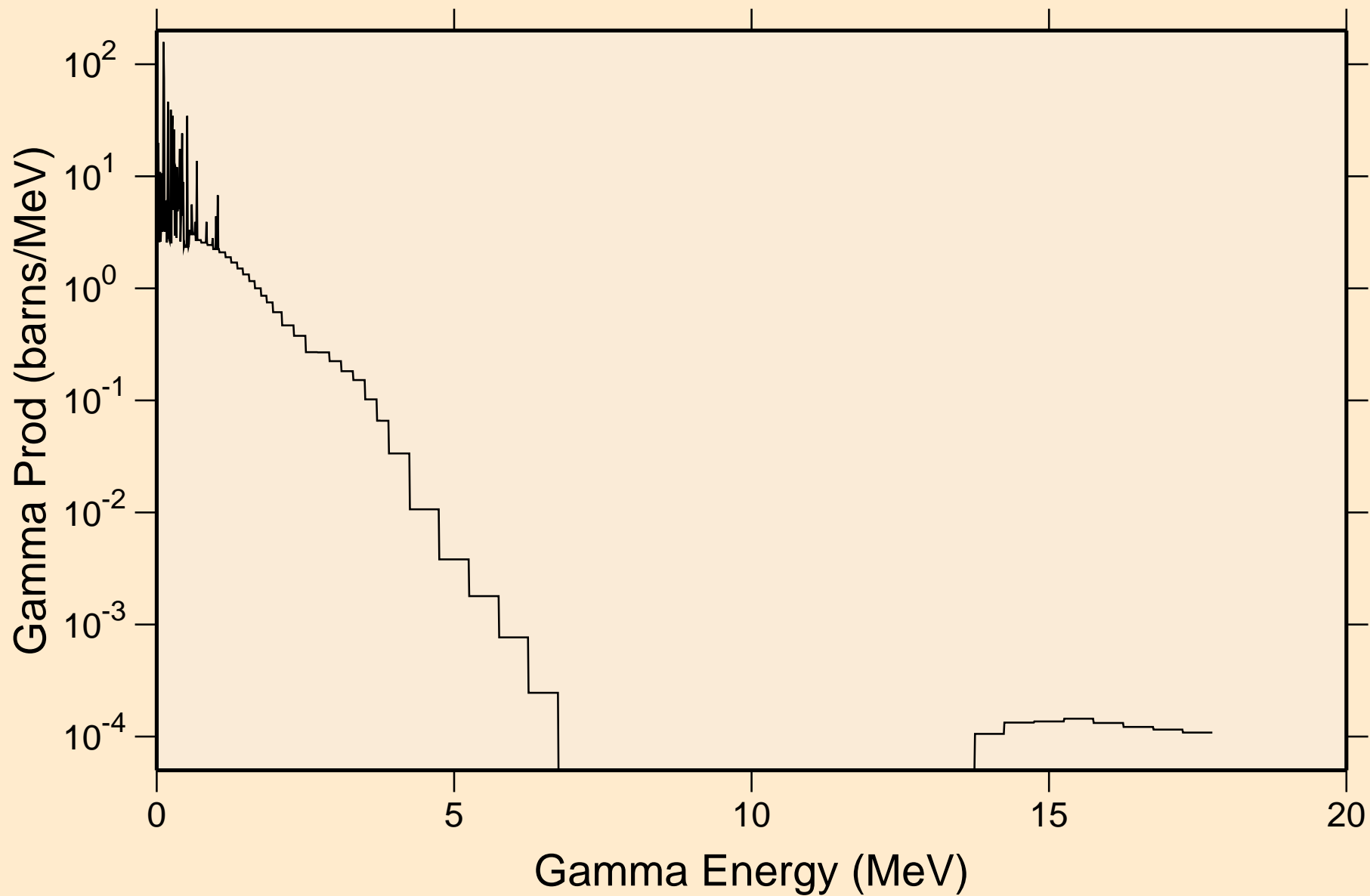
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

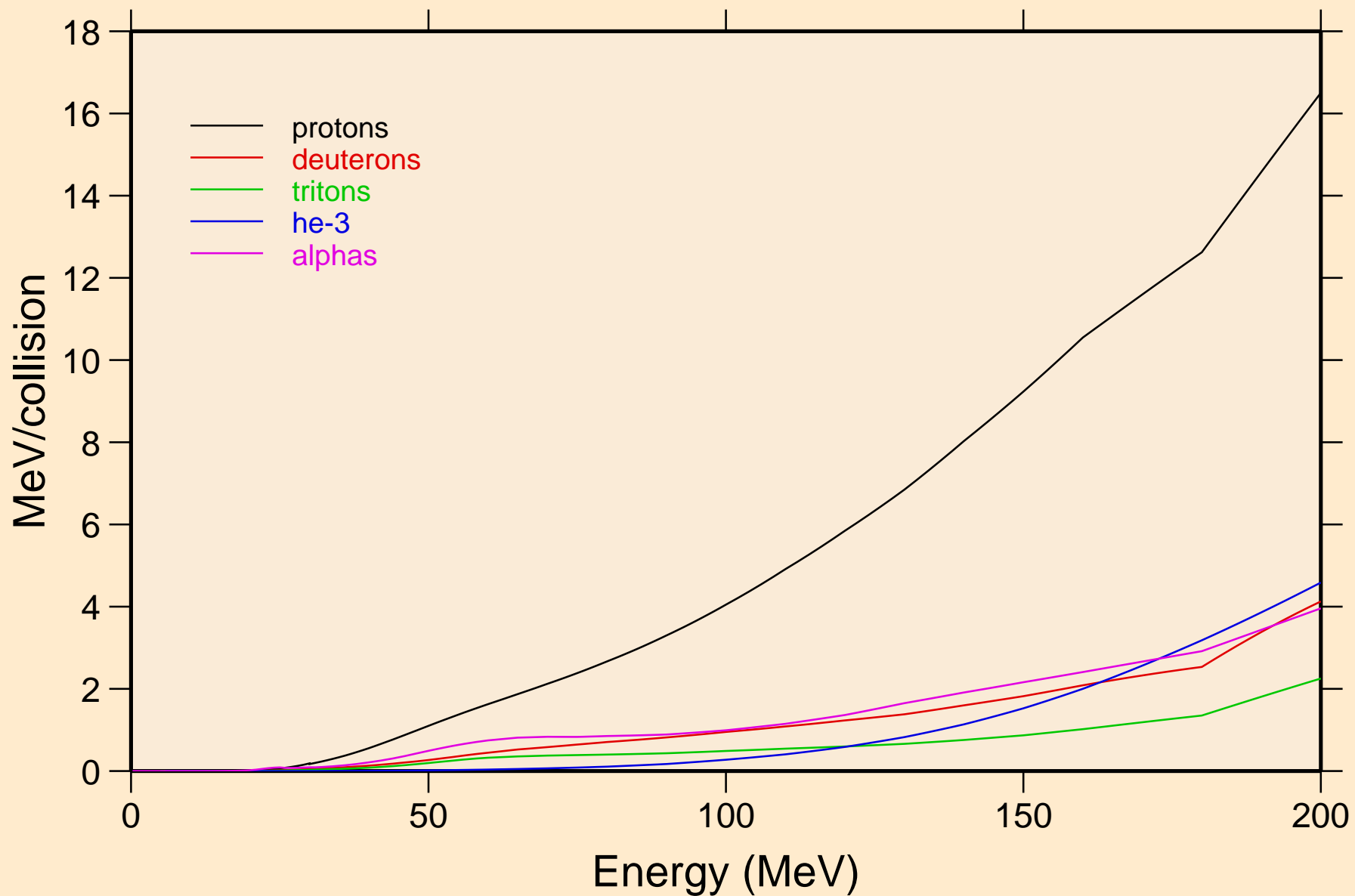


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

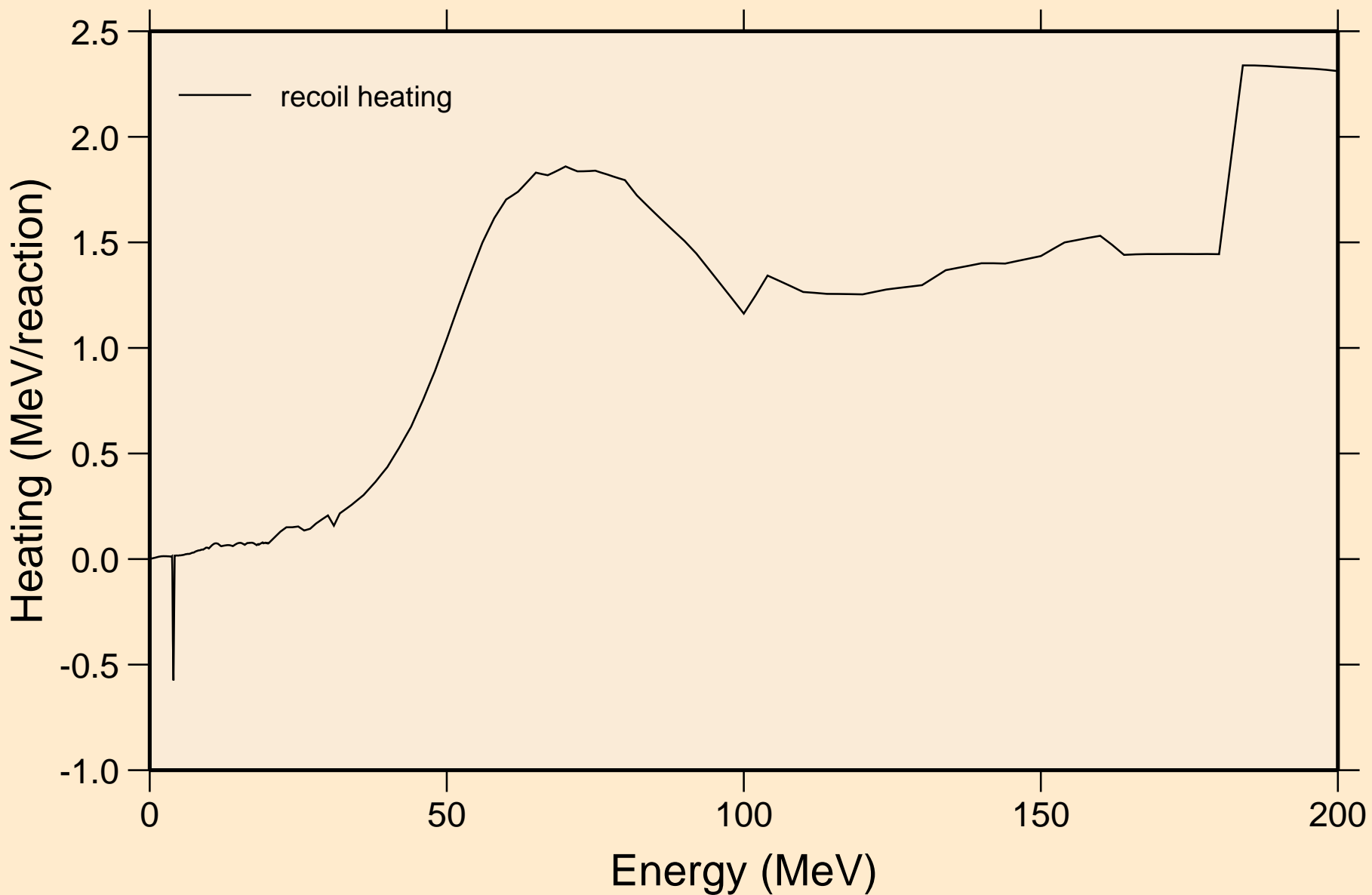


RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

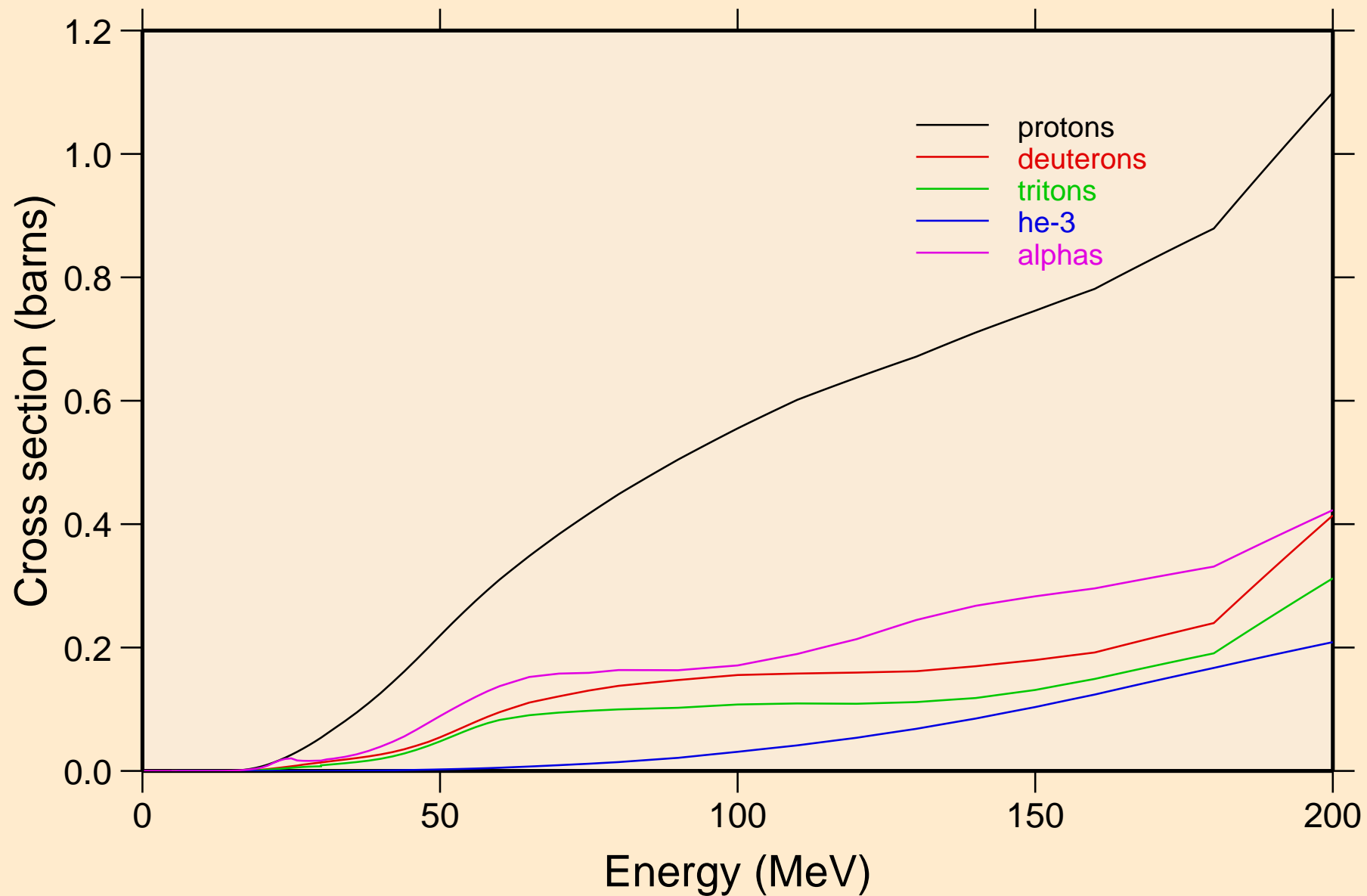
Particle heating contributions



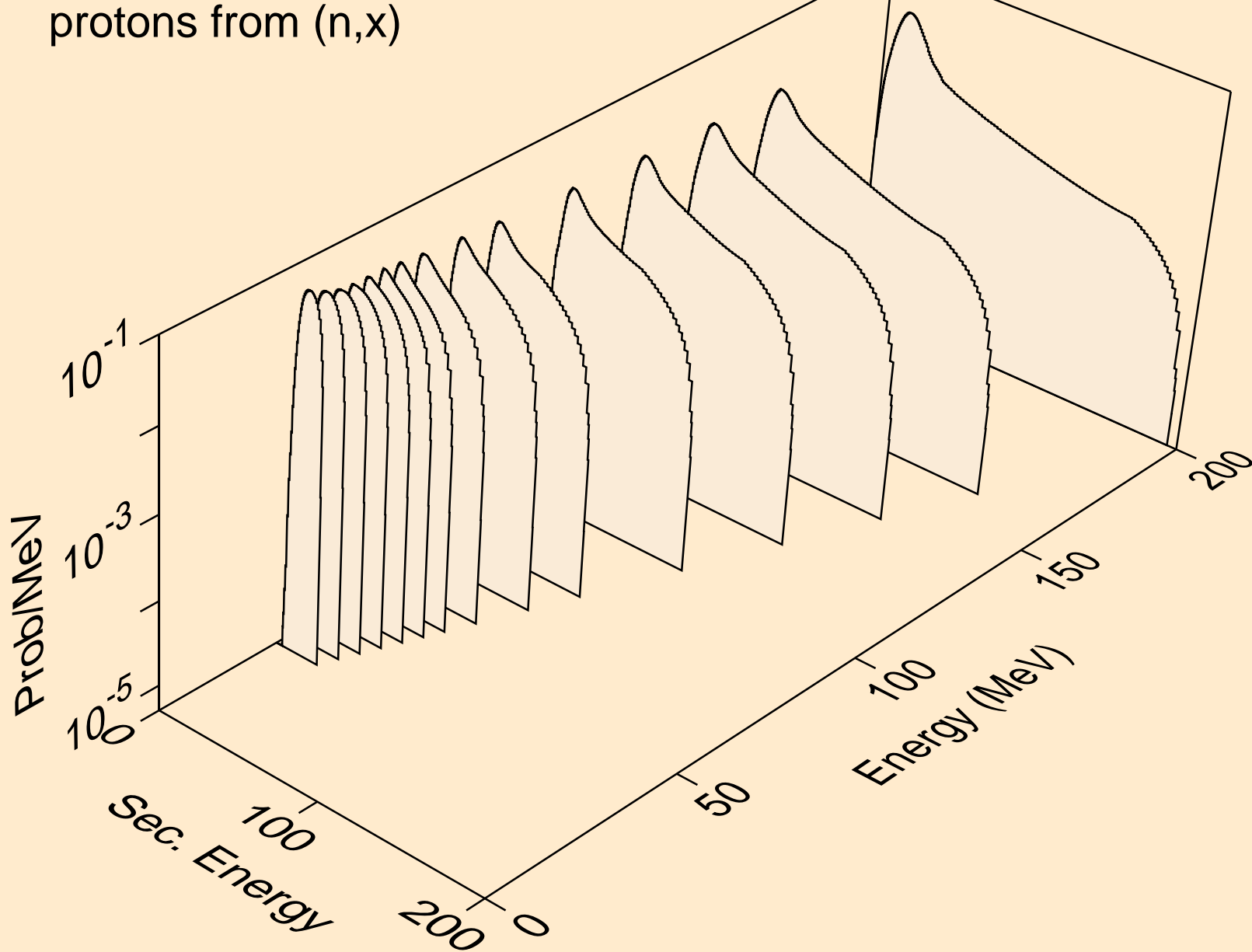
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



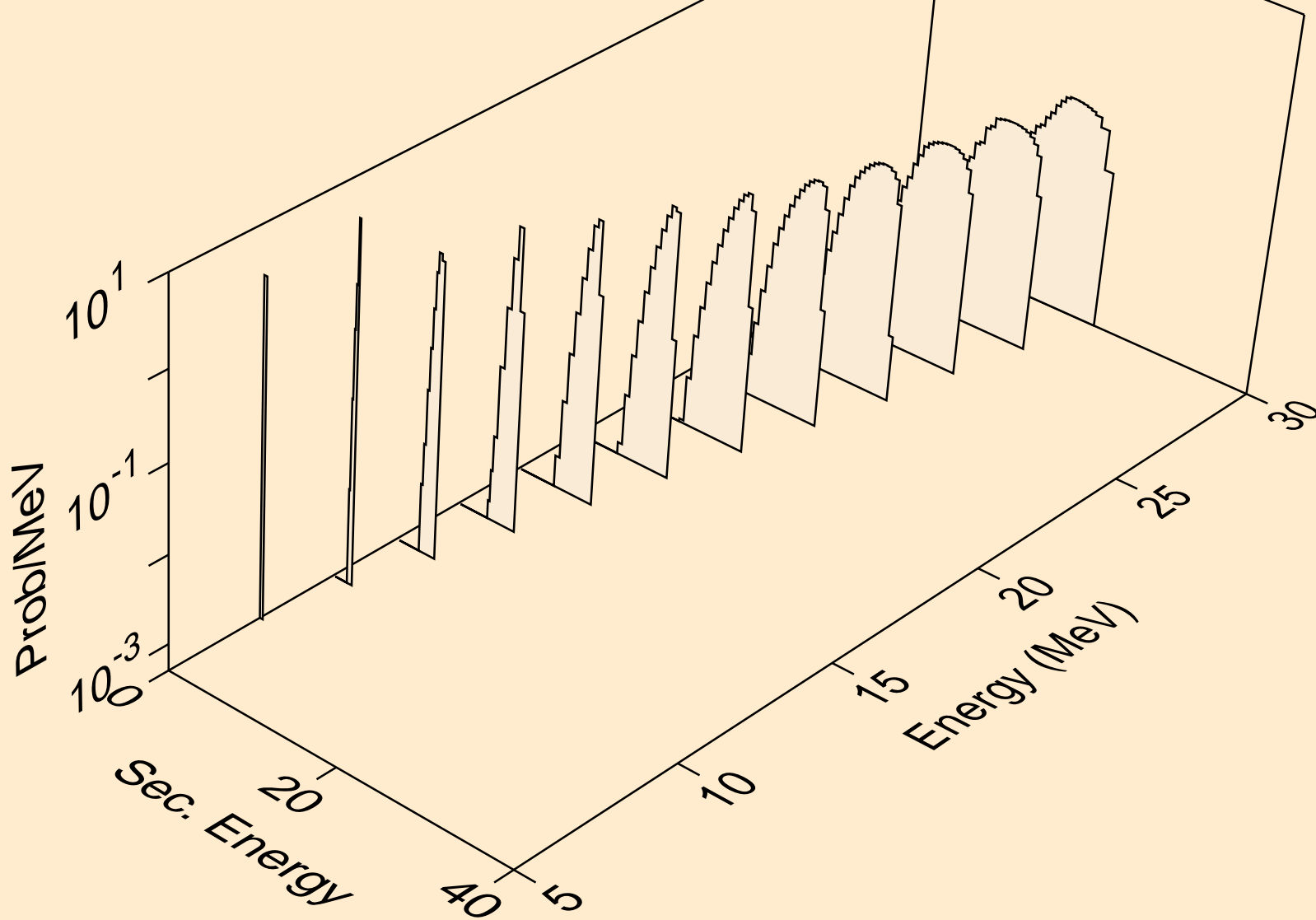
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



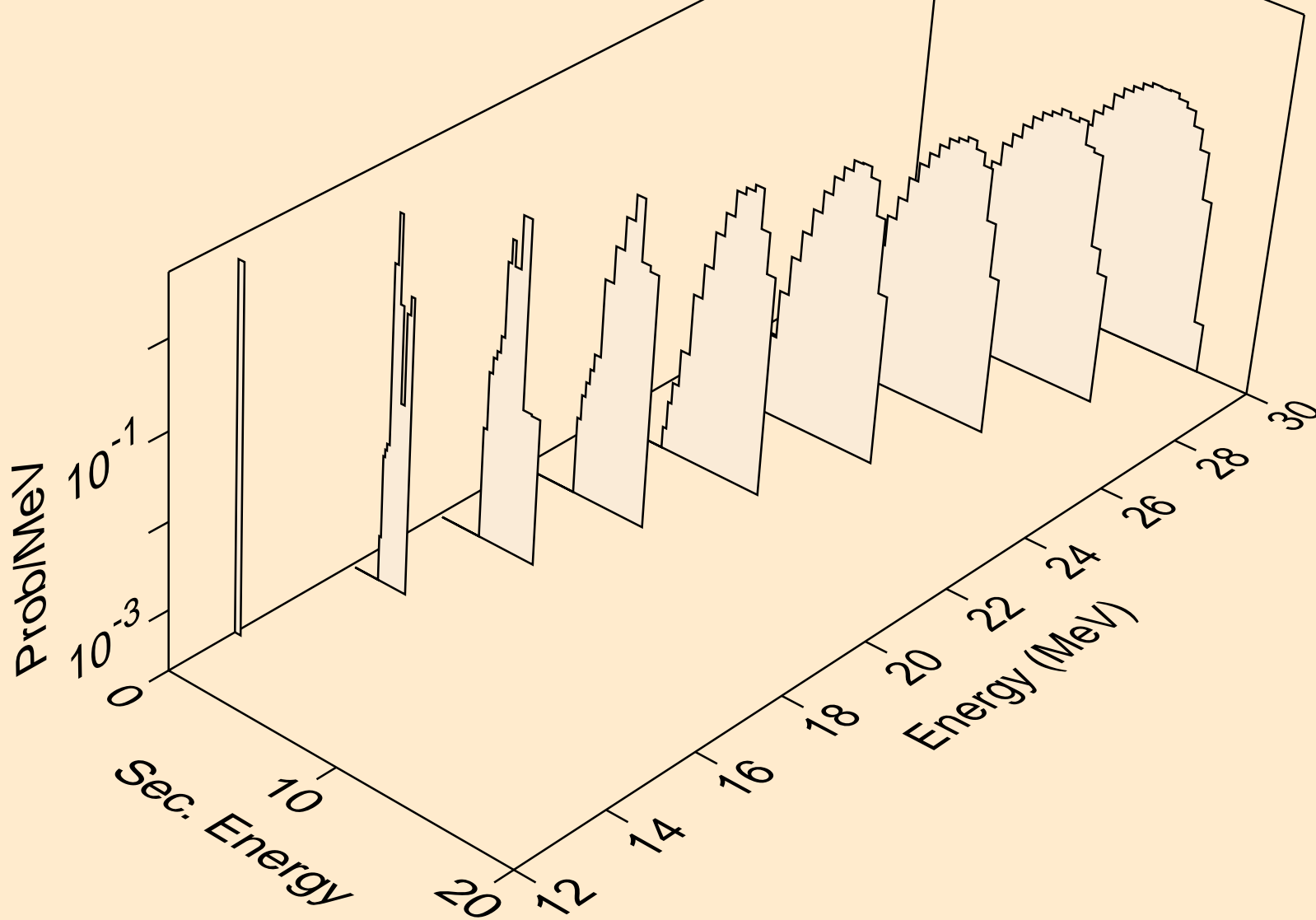
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



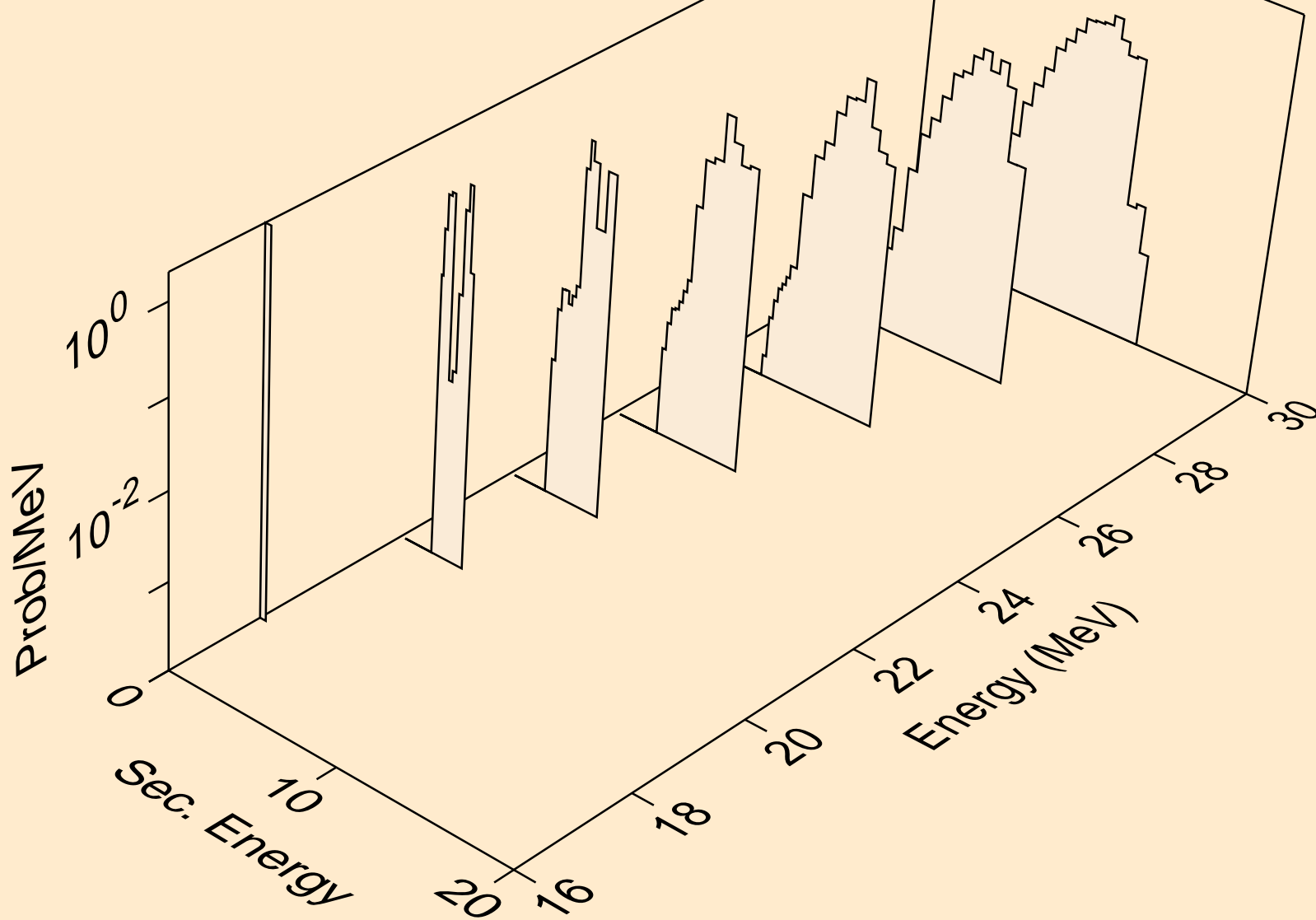
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



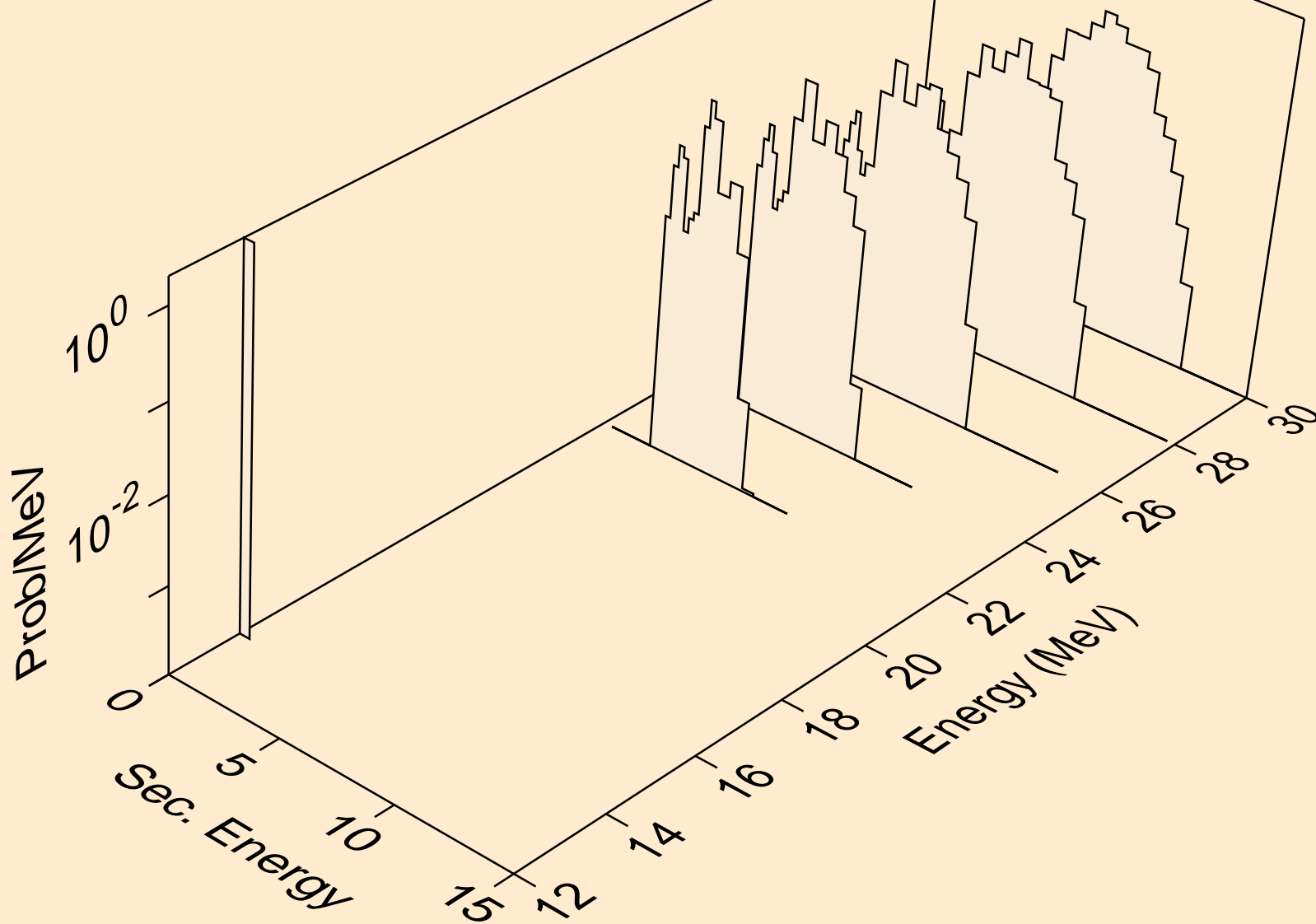
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



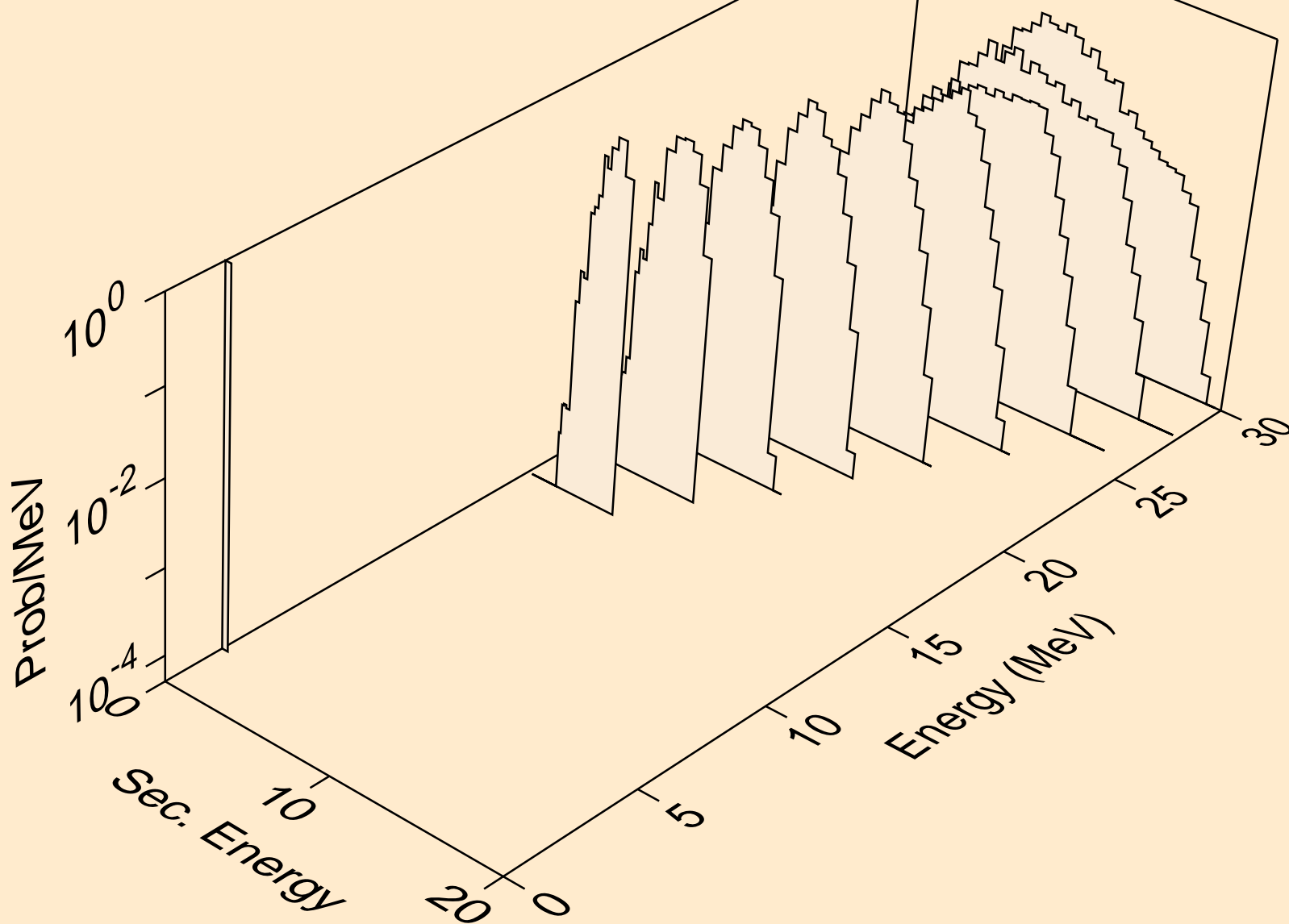
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



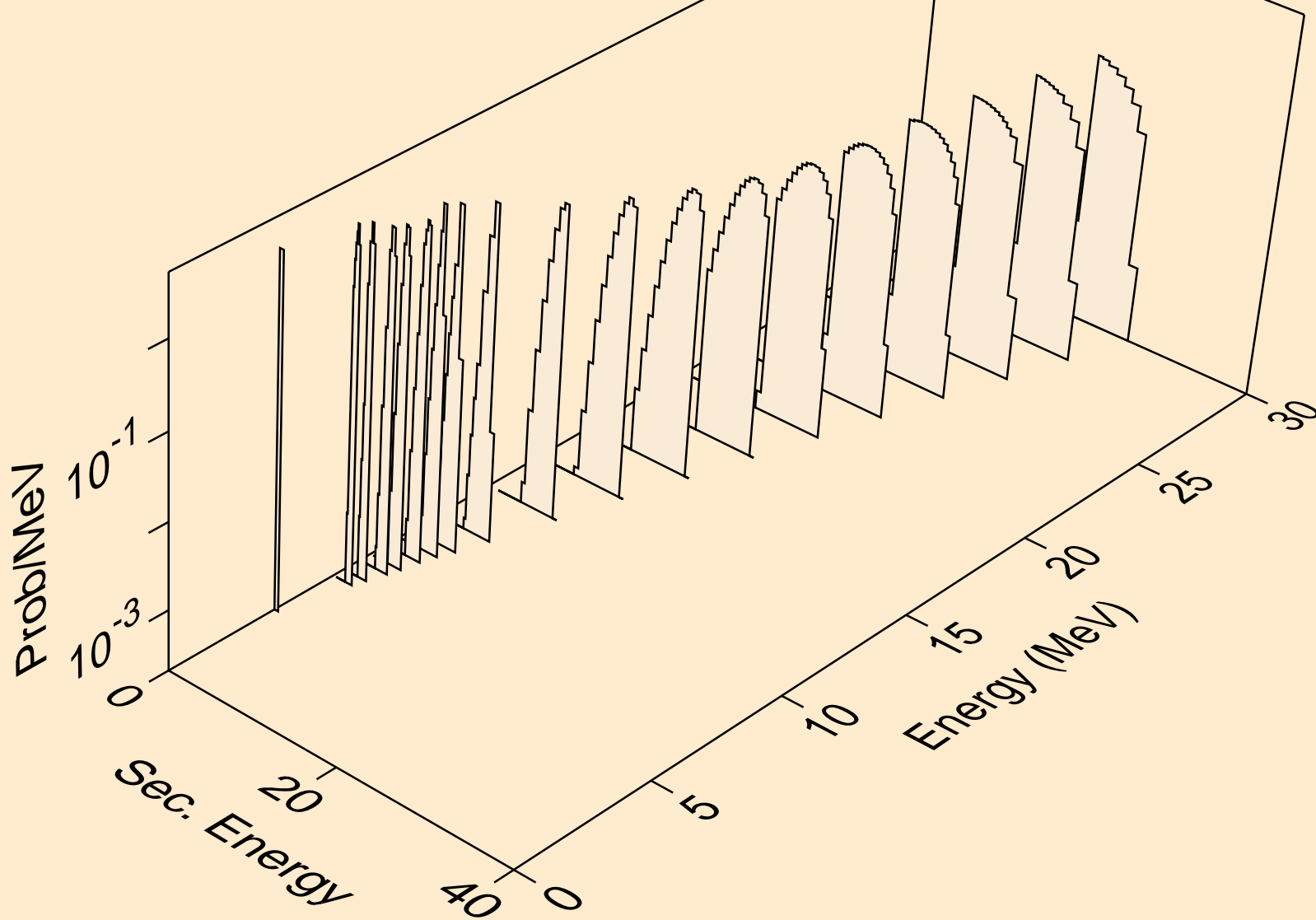
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protons from (n,2np)



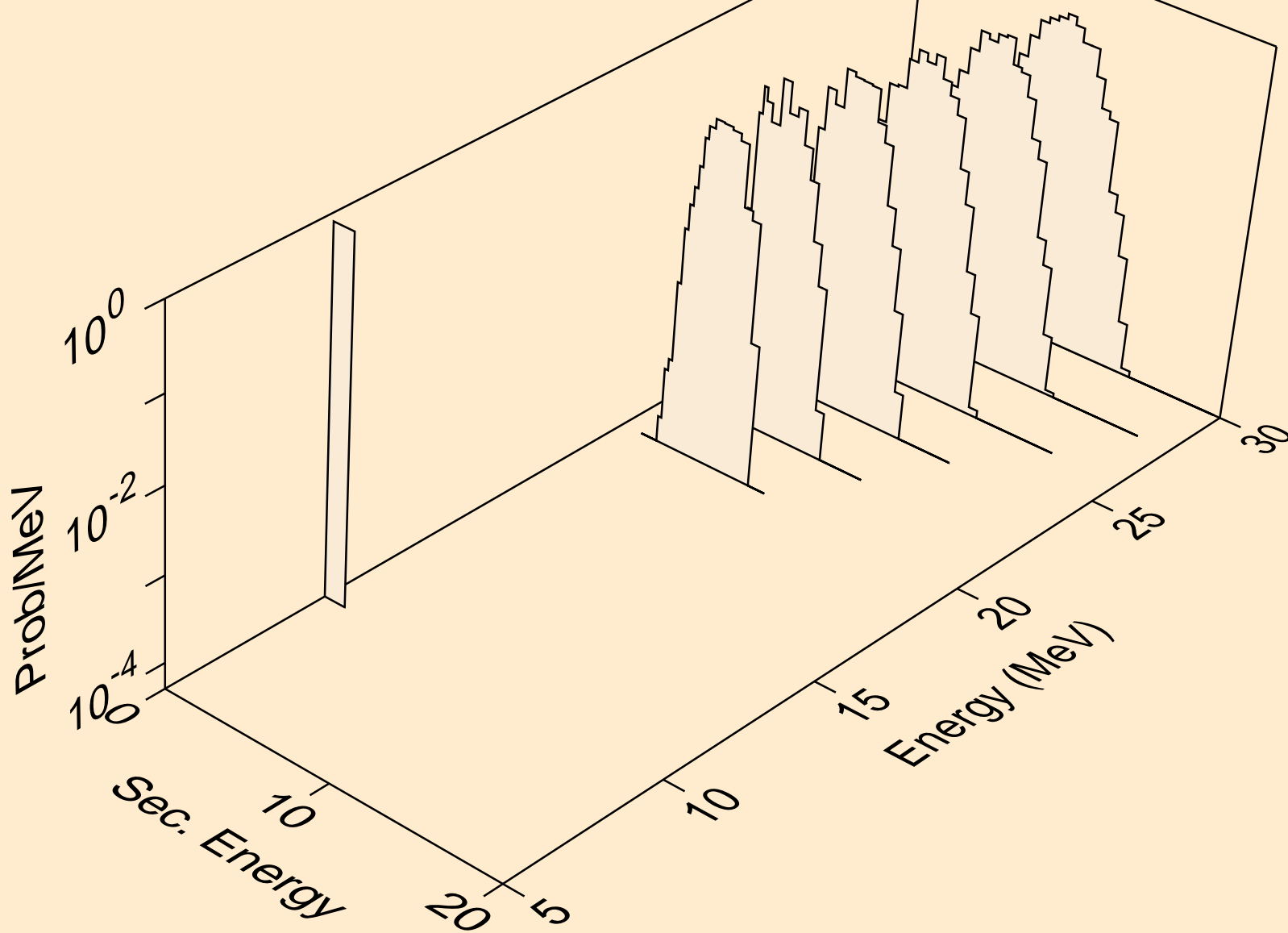
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protons from (n,npa)



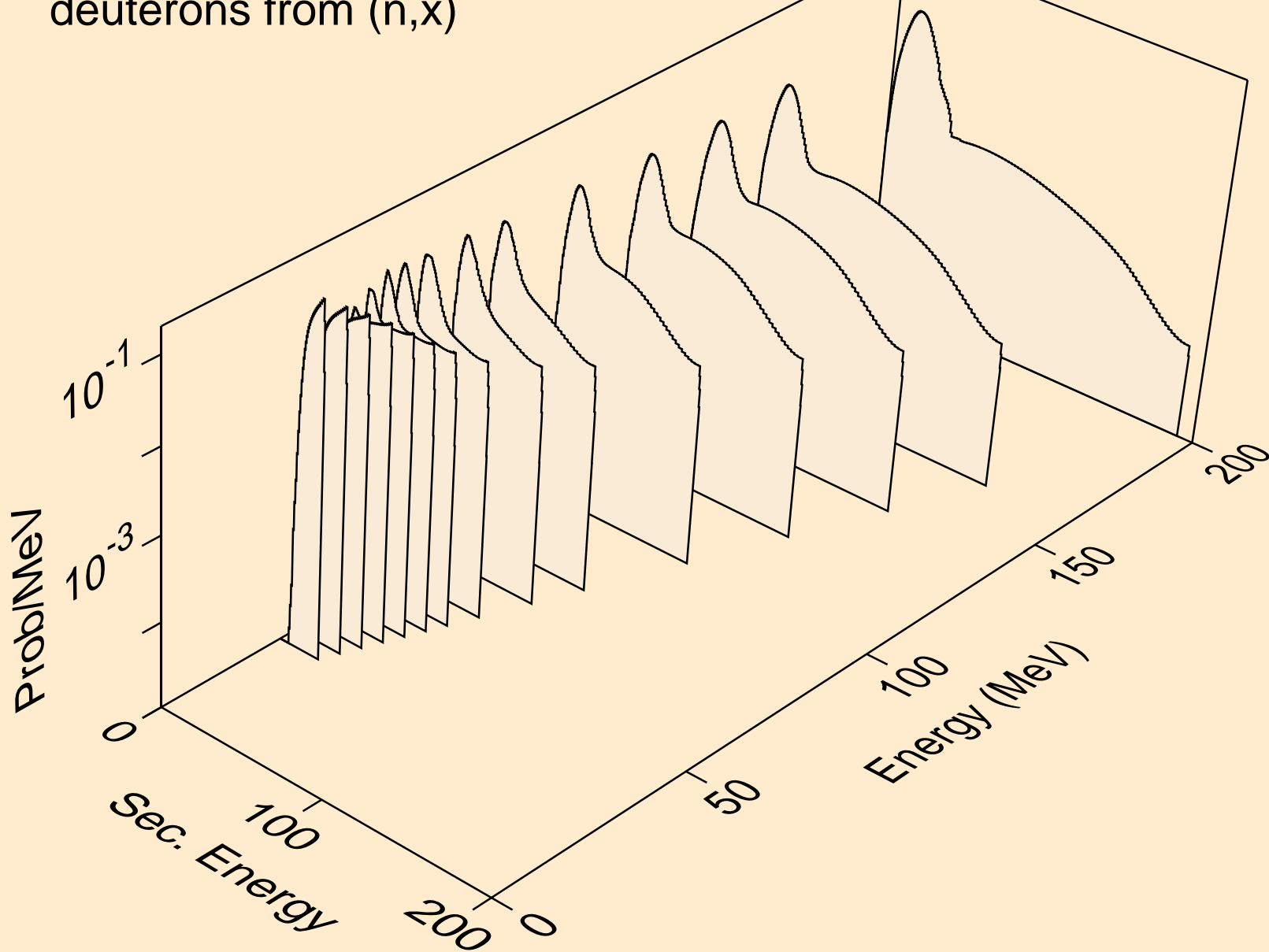
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



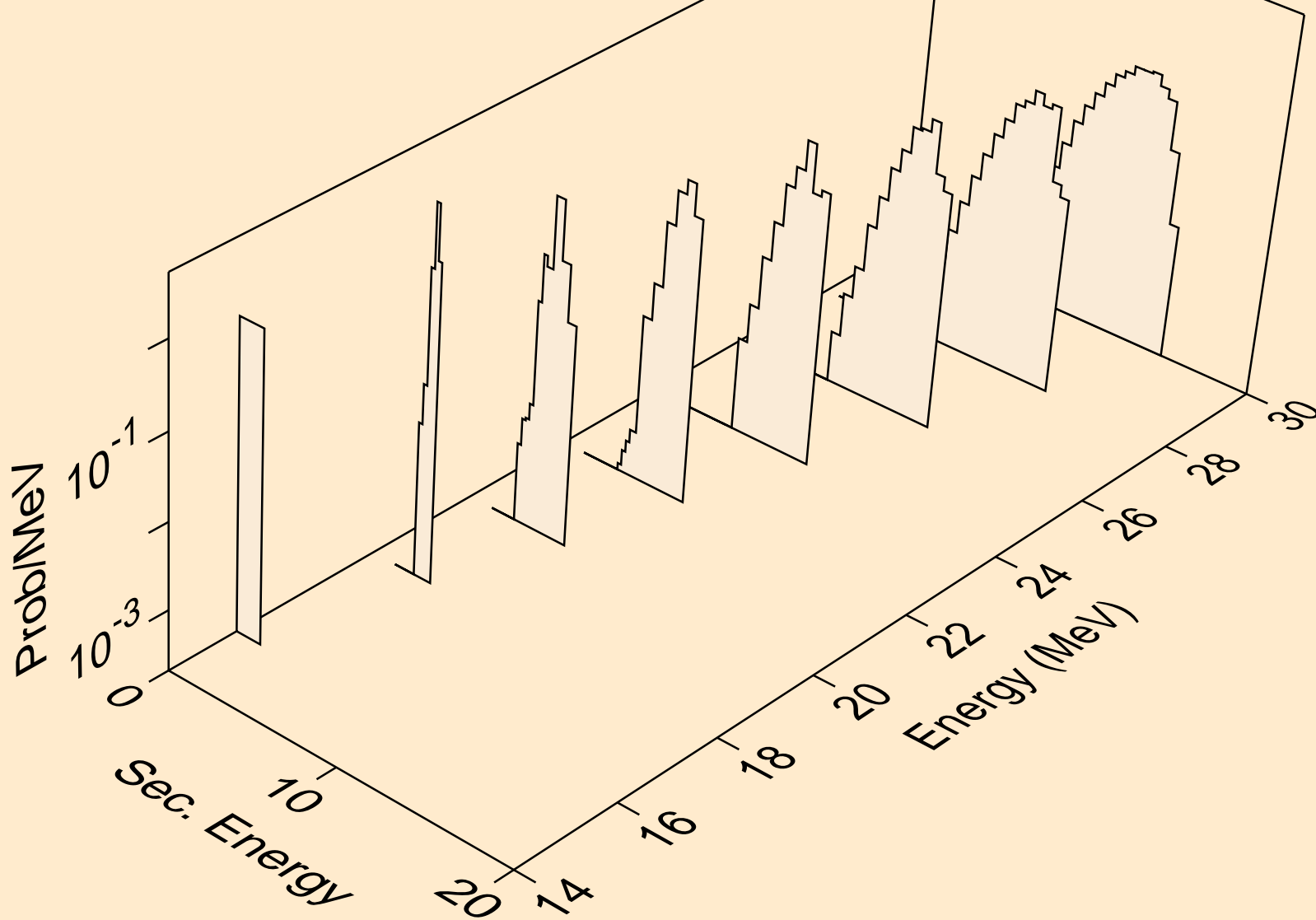
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protons from (n,2p)



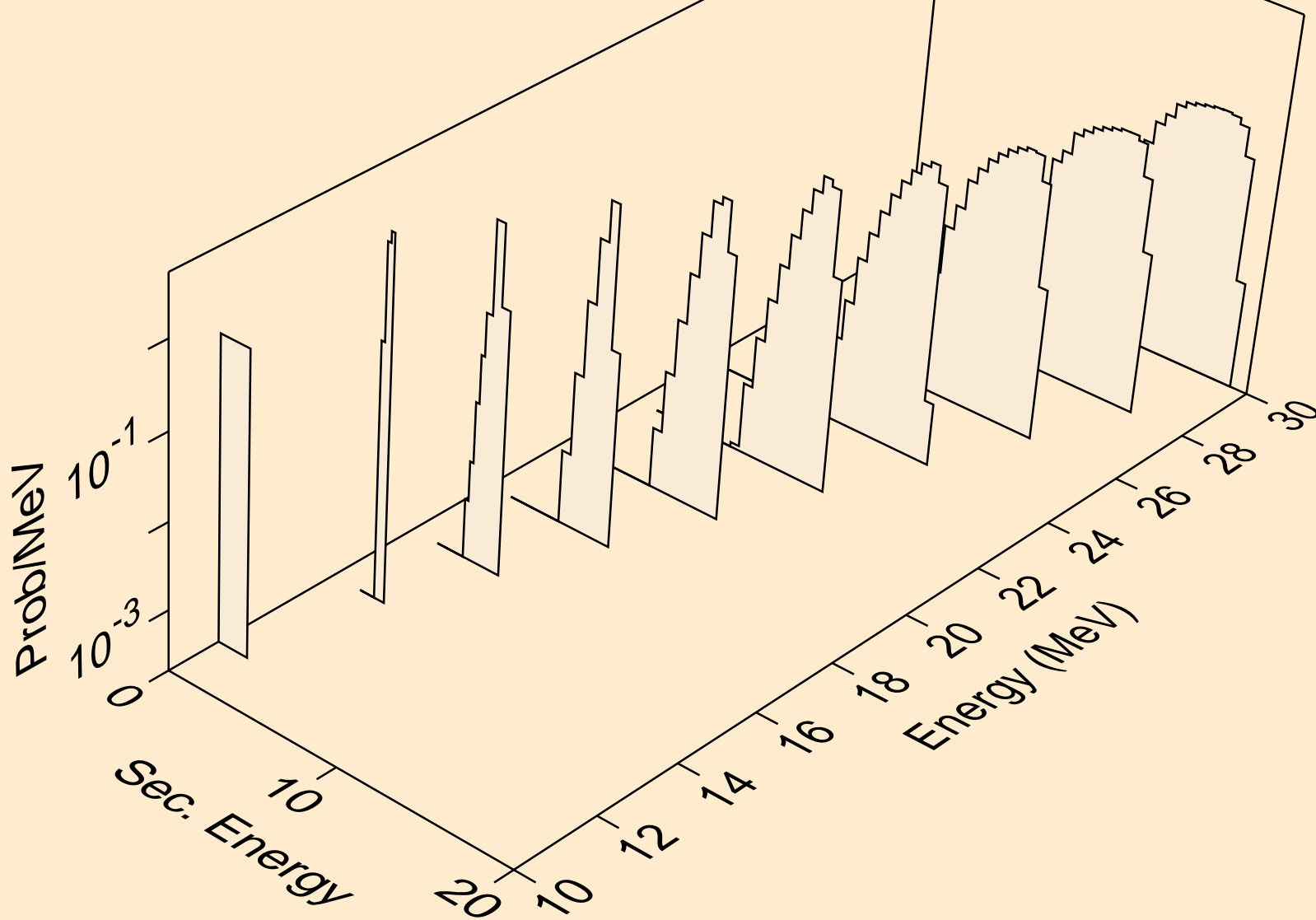
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



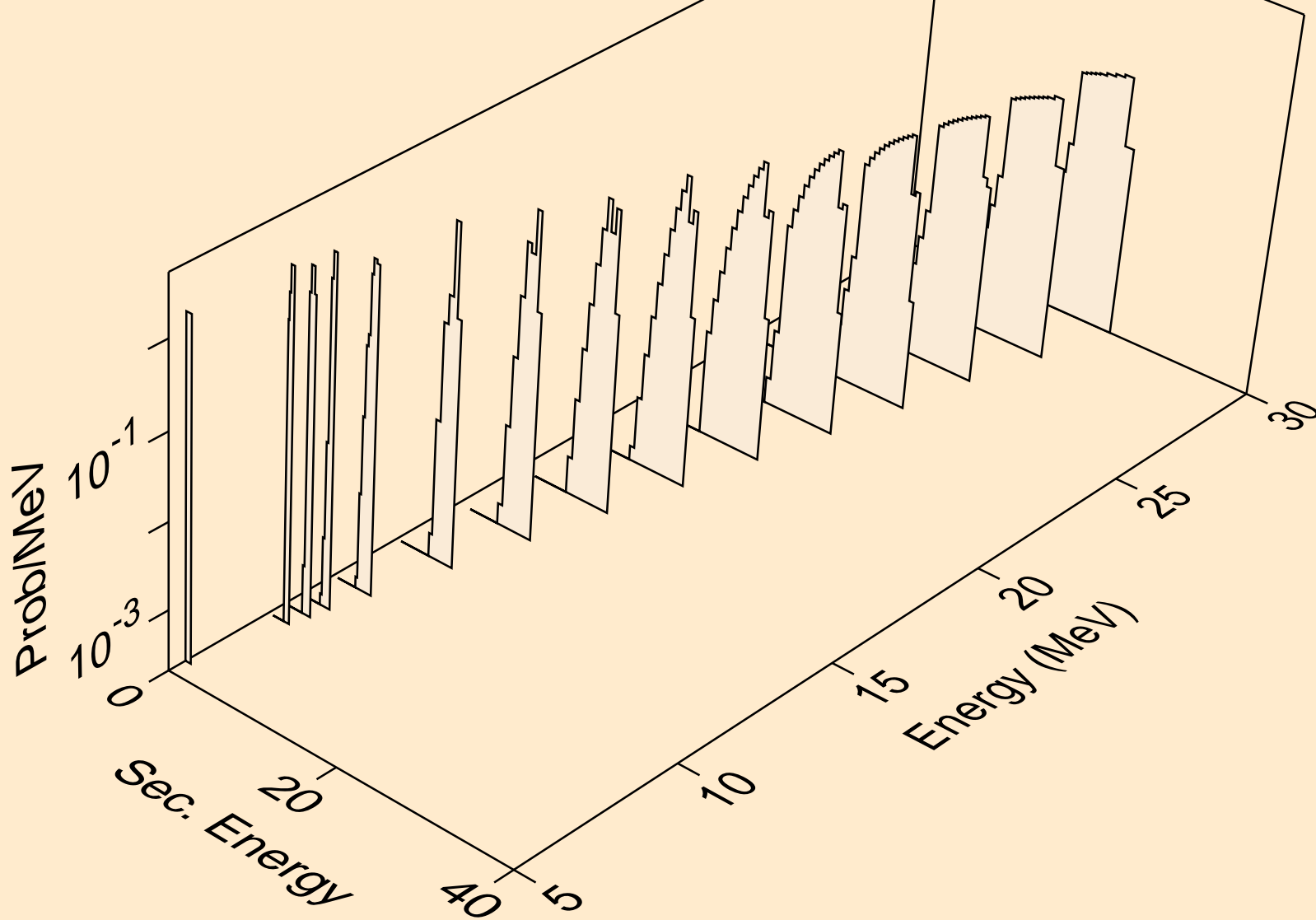
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deuterons from (n,2nd)



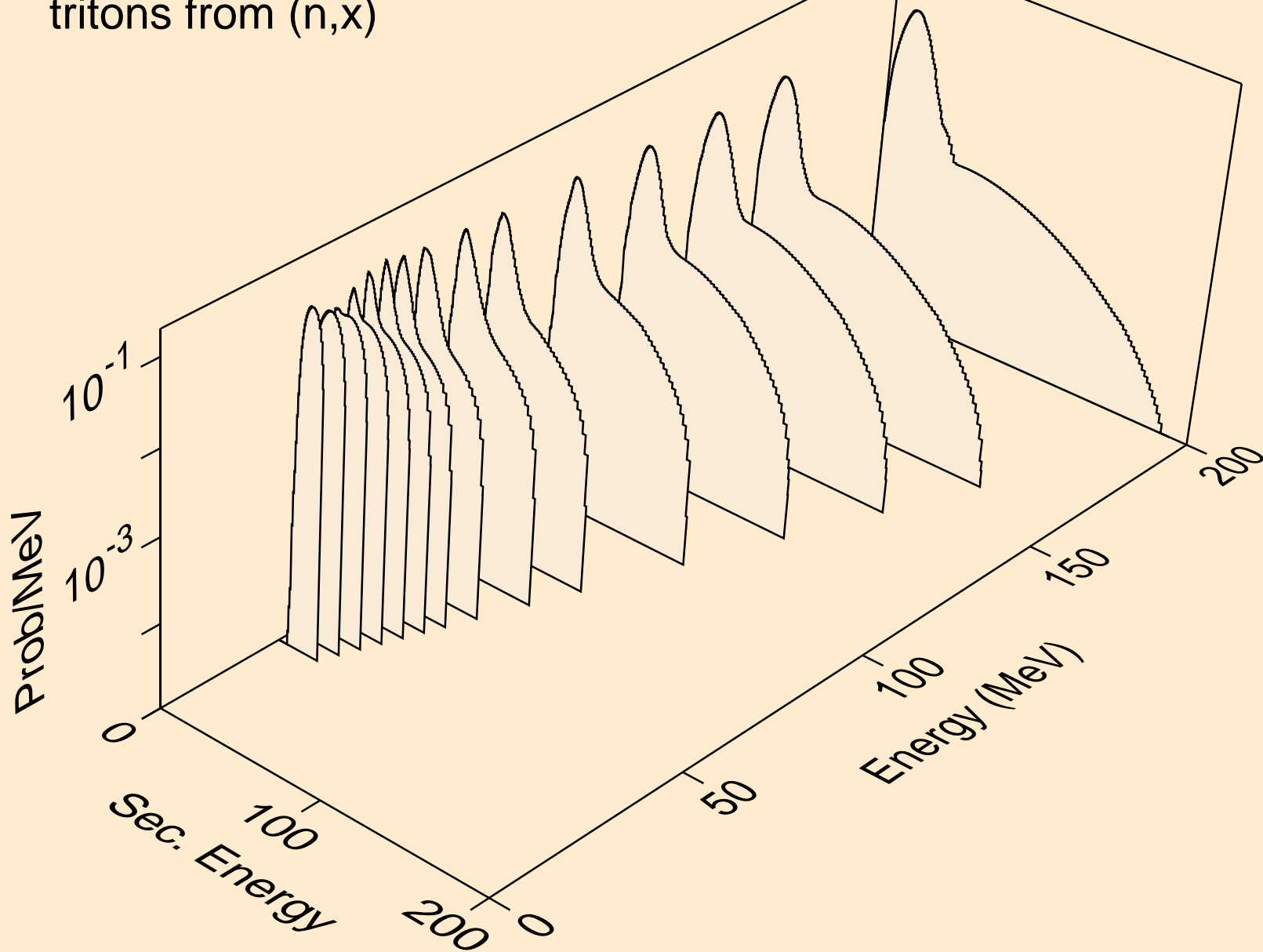
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



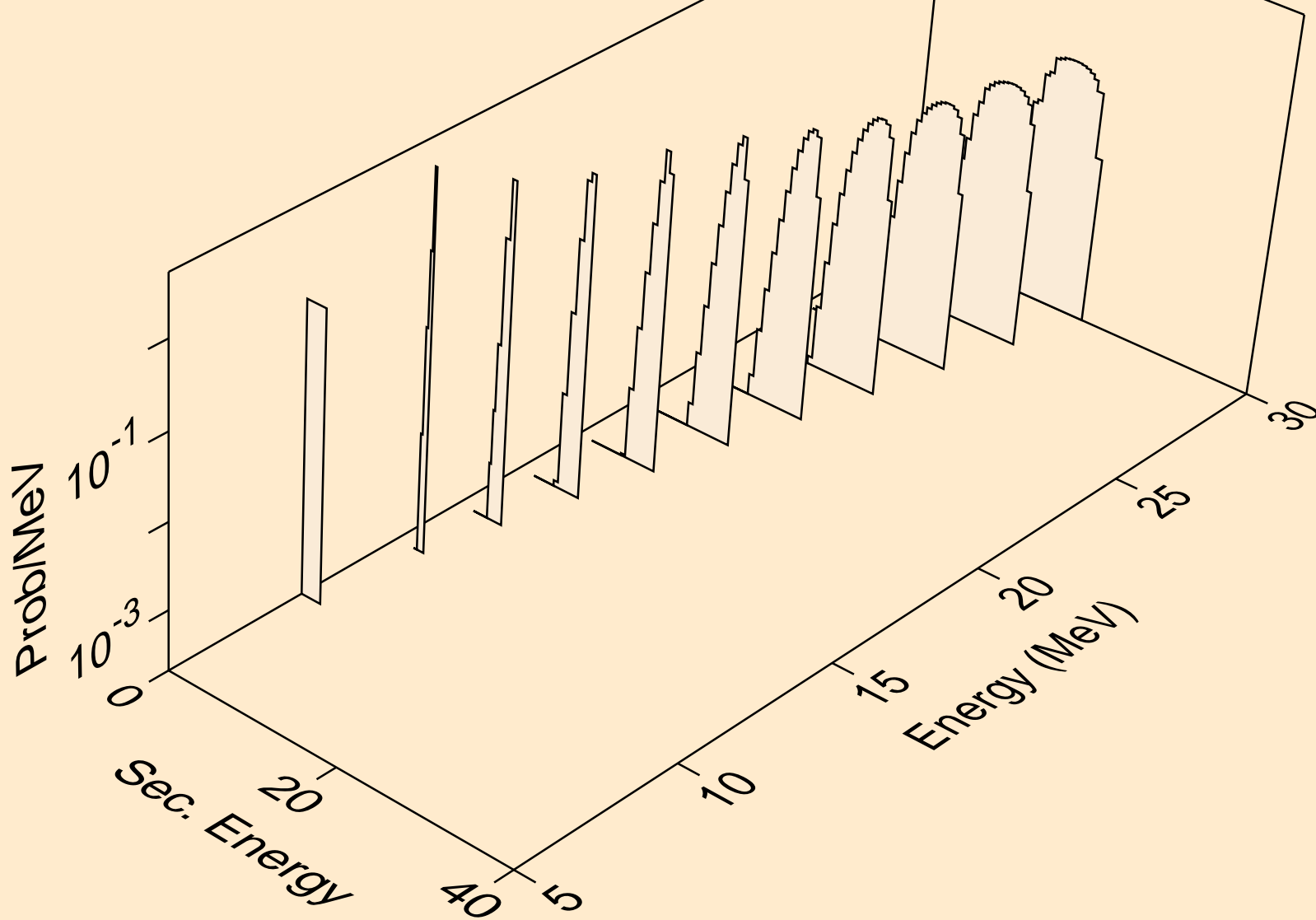
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deuterons from (n,d)



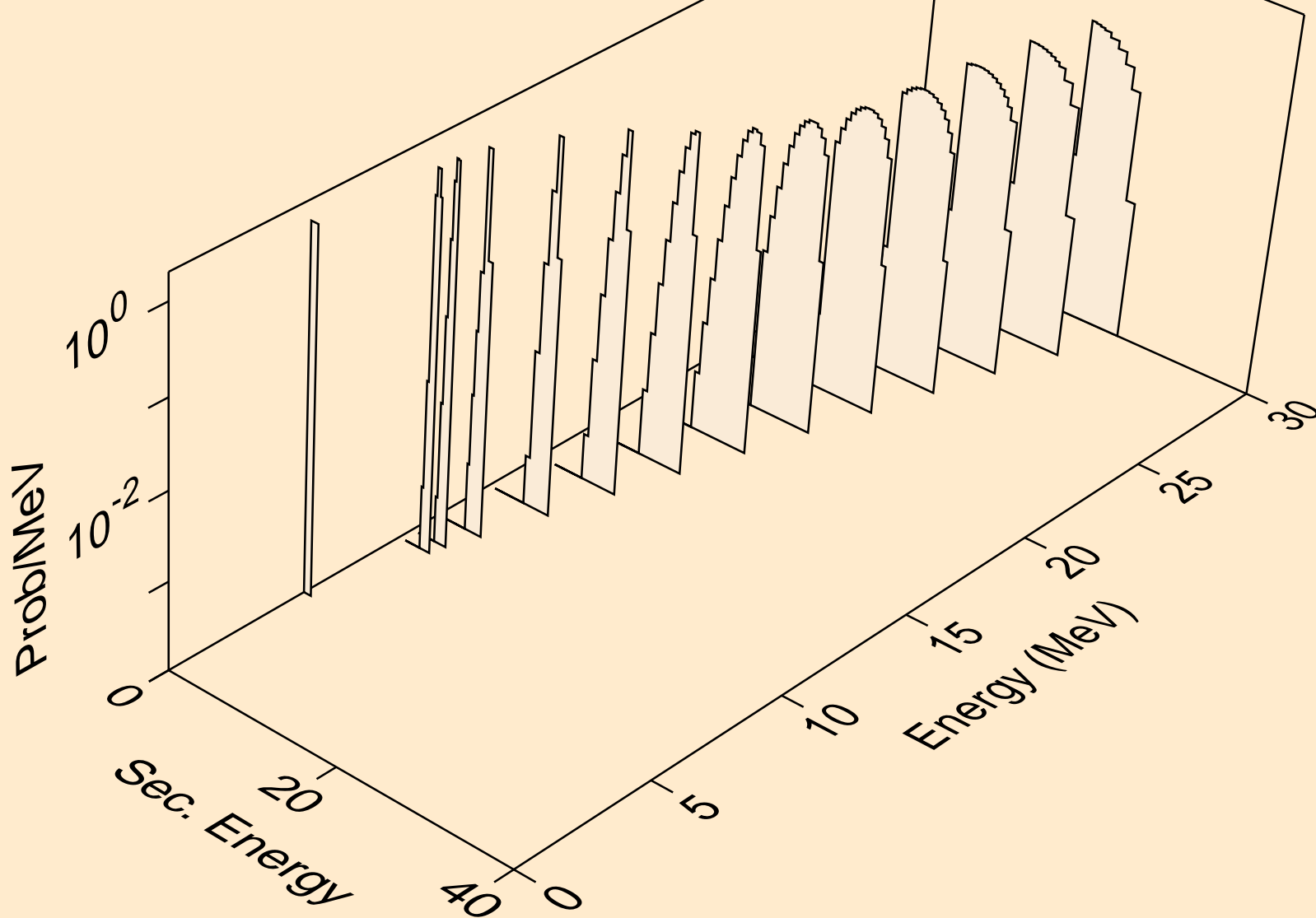
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



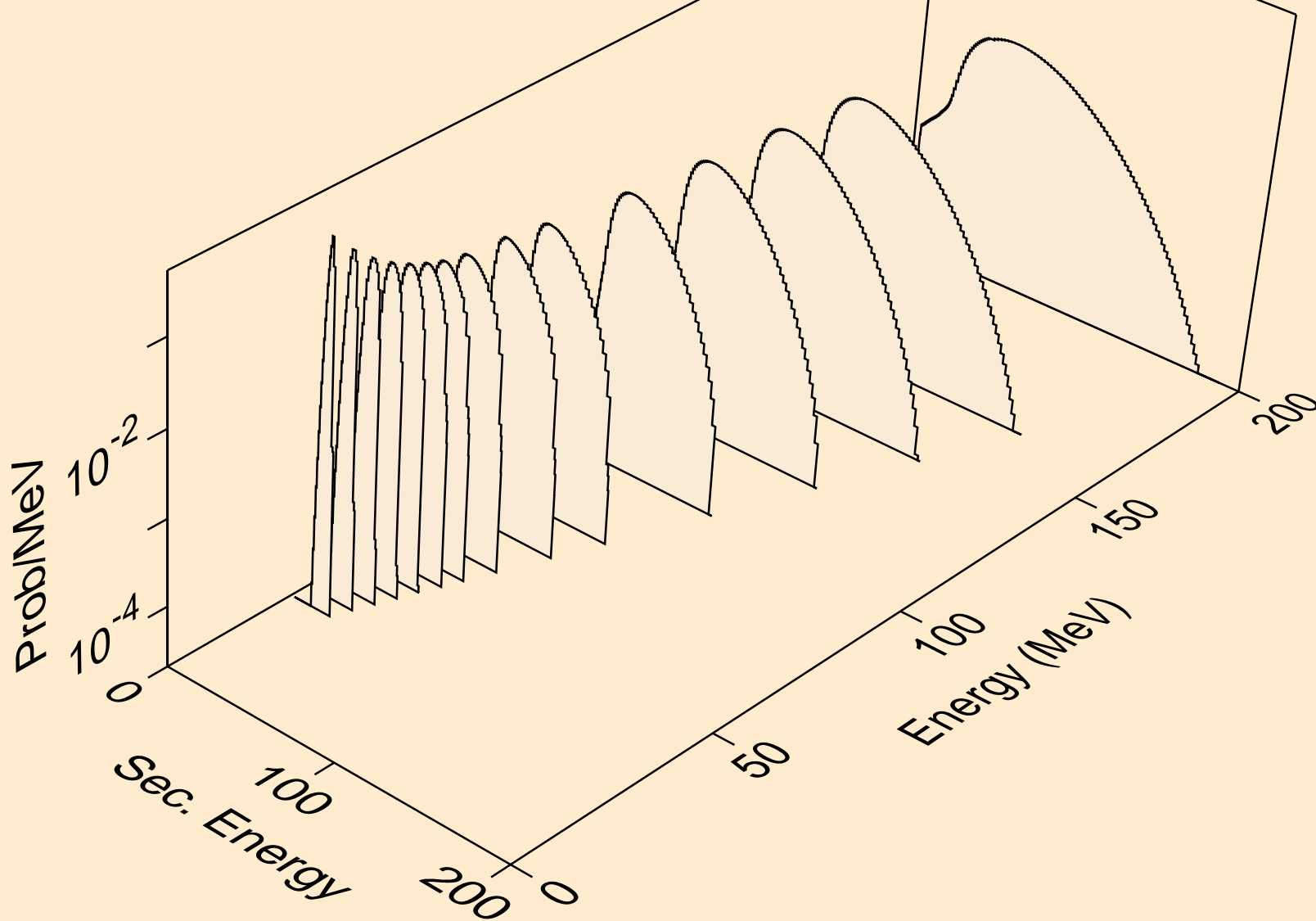
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



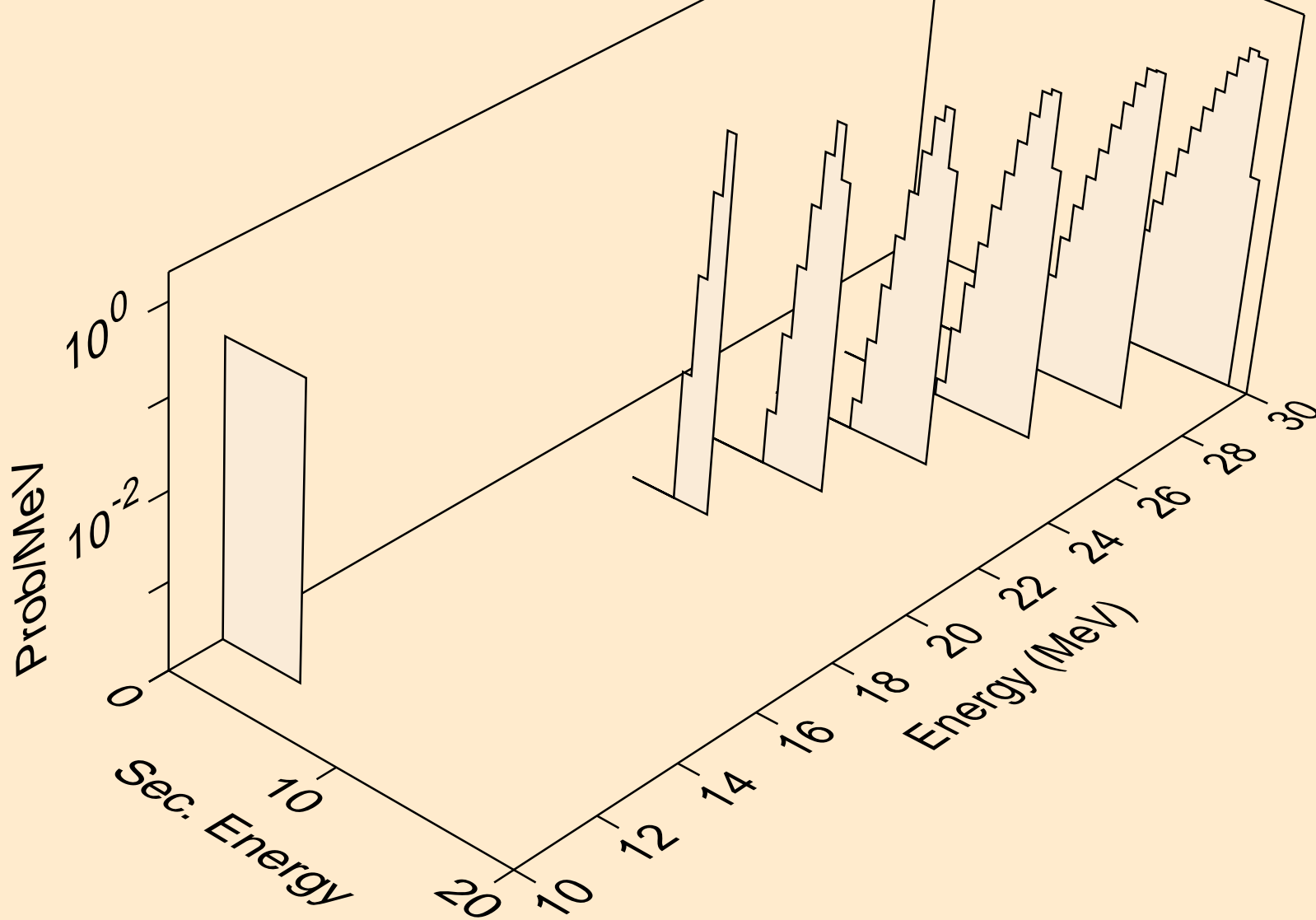
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tritons from (n,t)



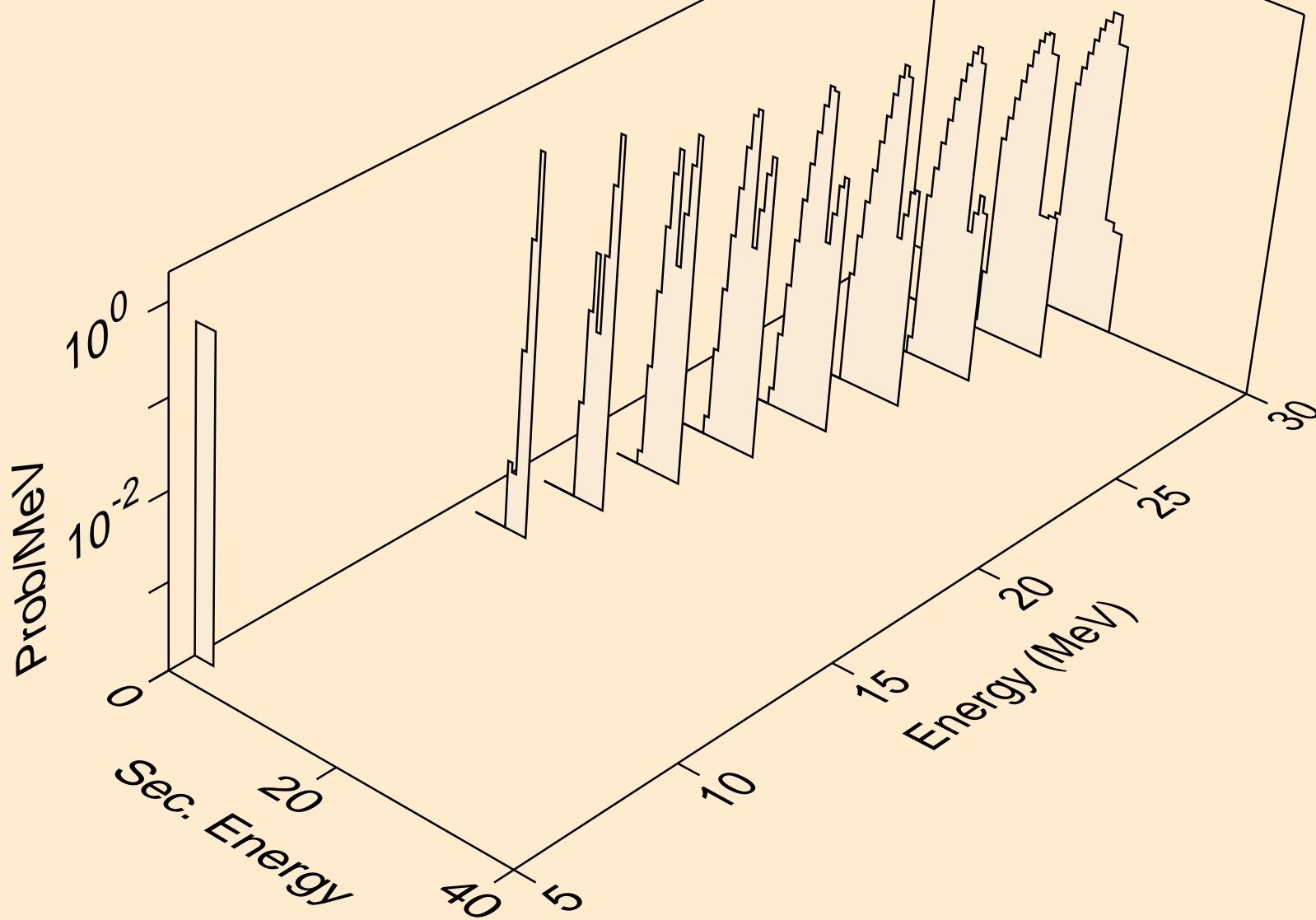
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he3s from (n,x)



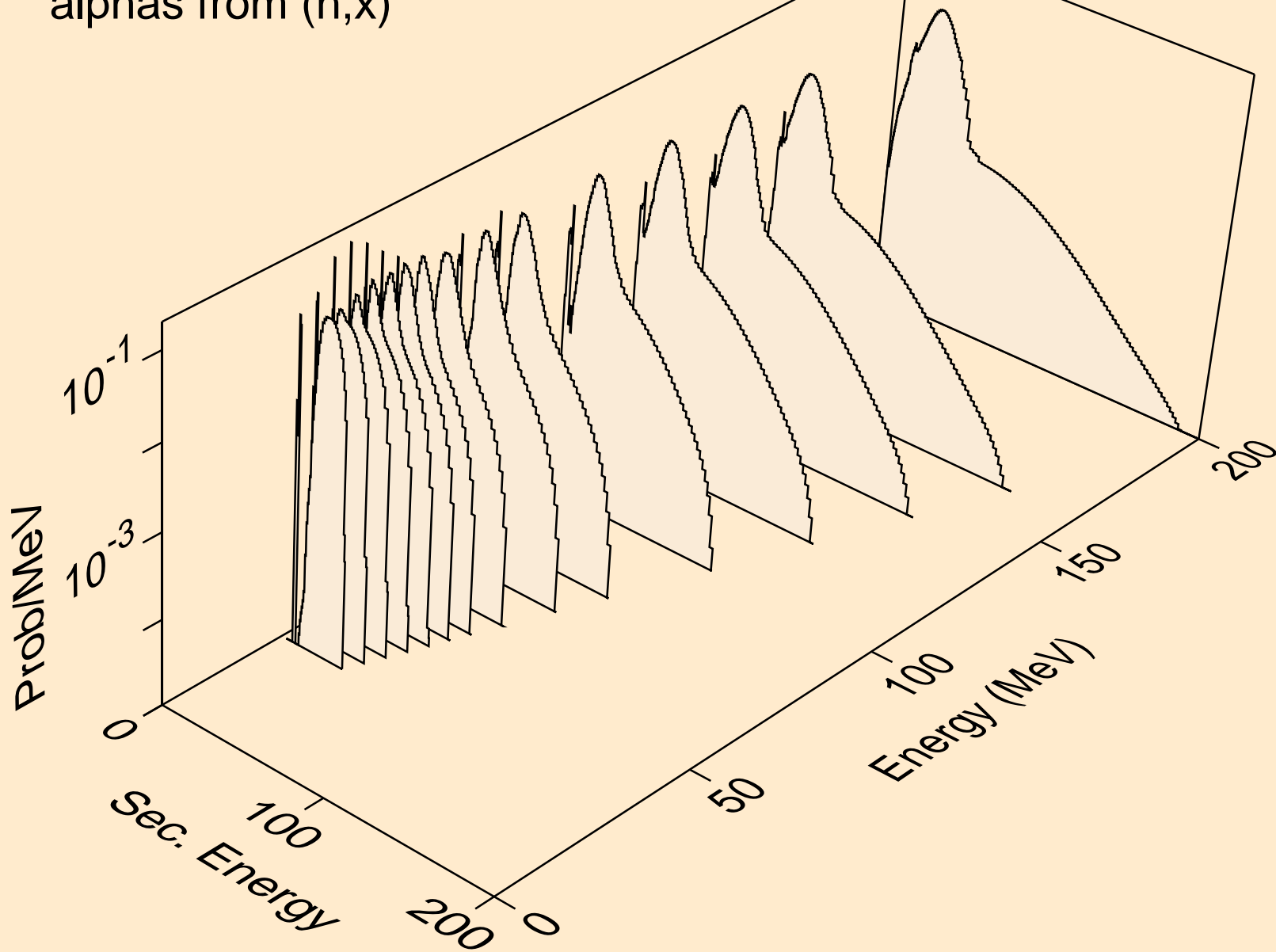
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he3s from (n,n*)he3



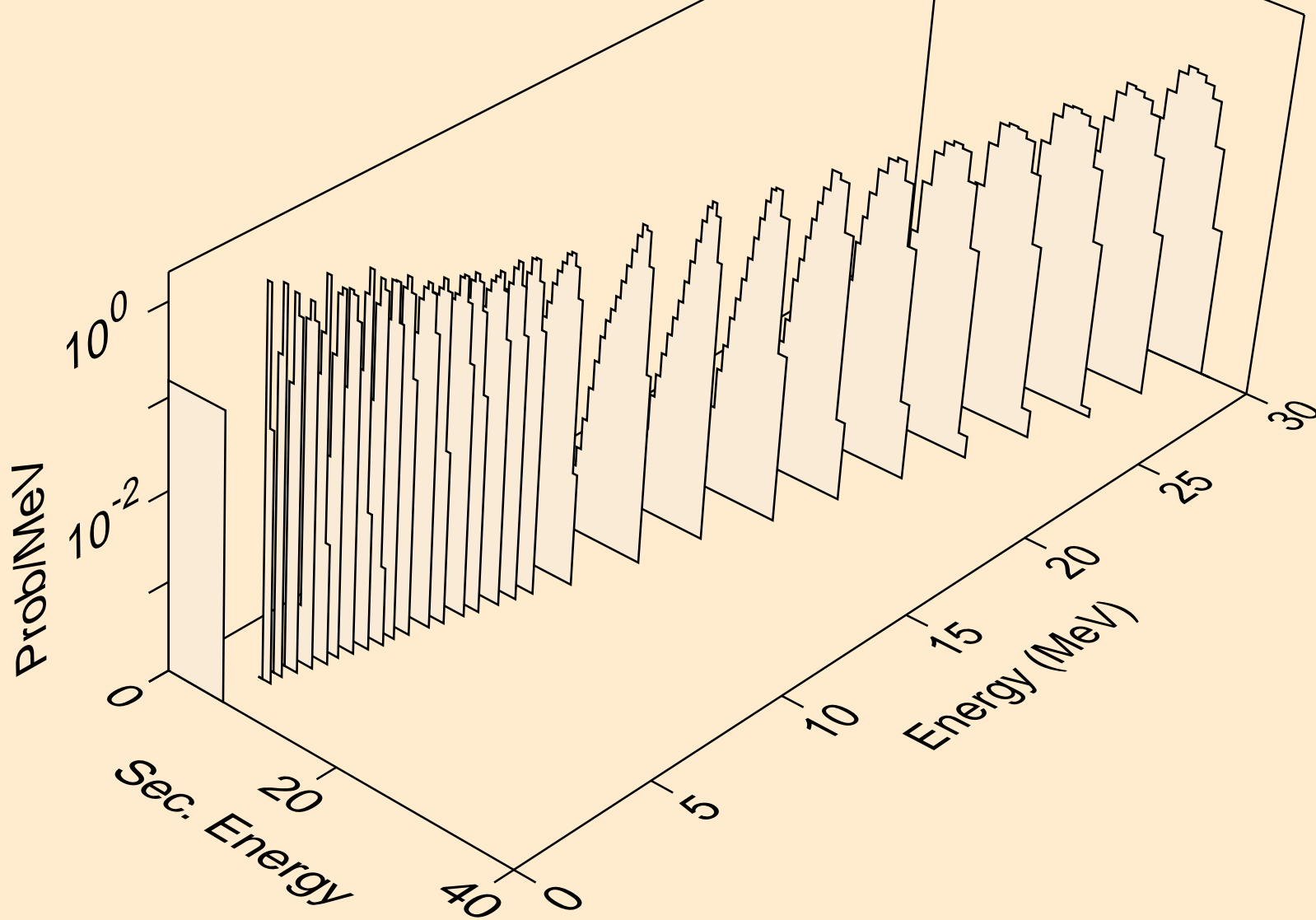
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he3s from (n,he3)



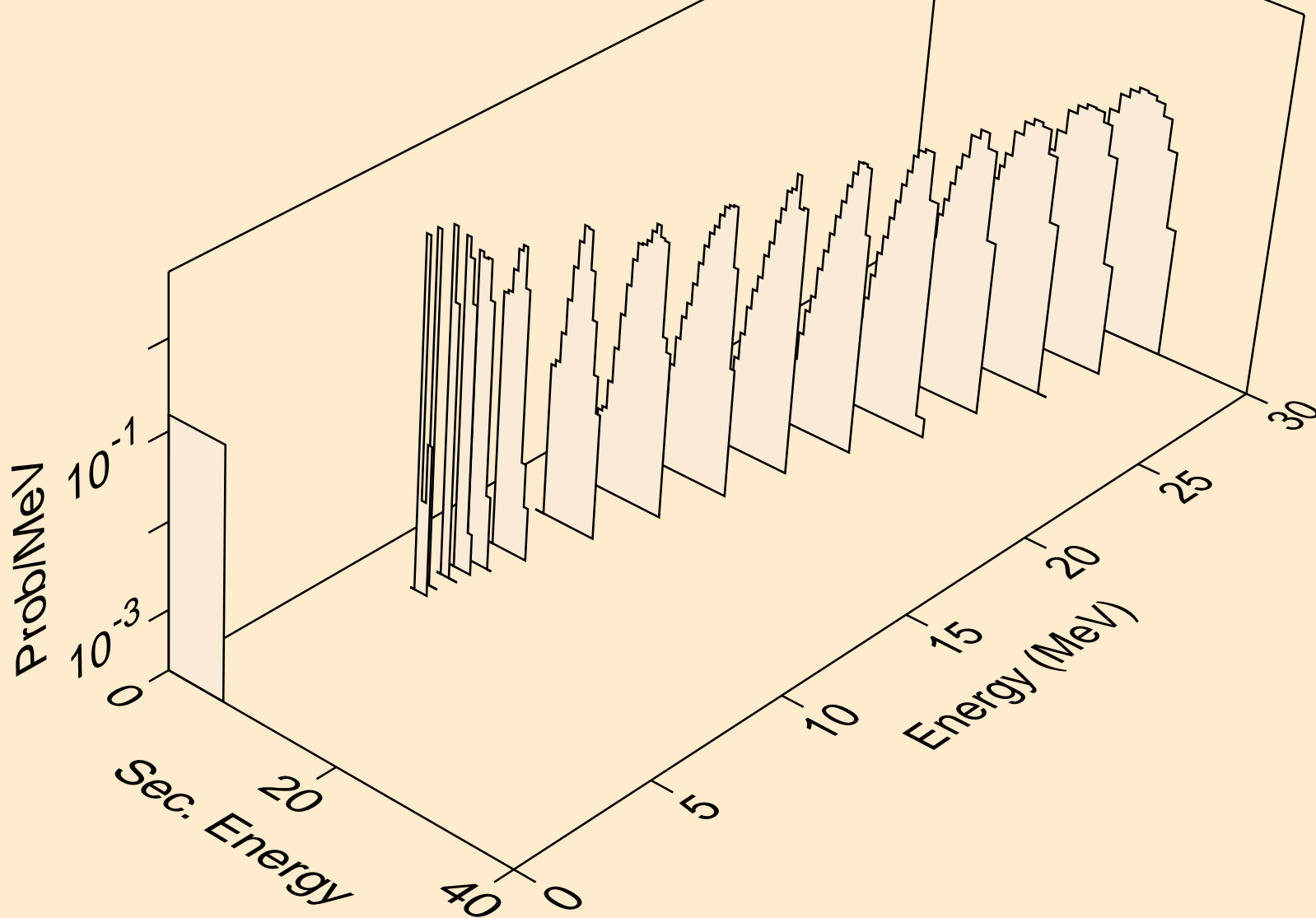
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



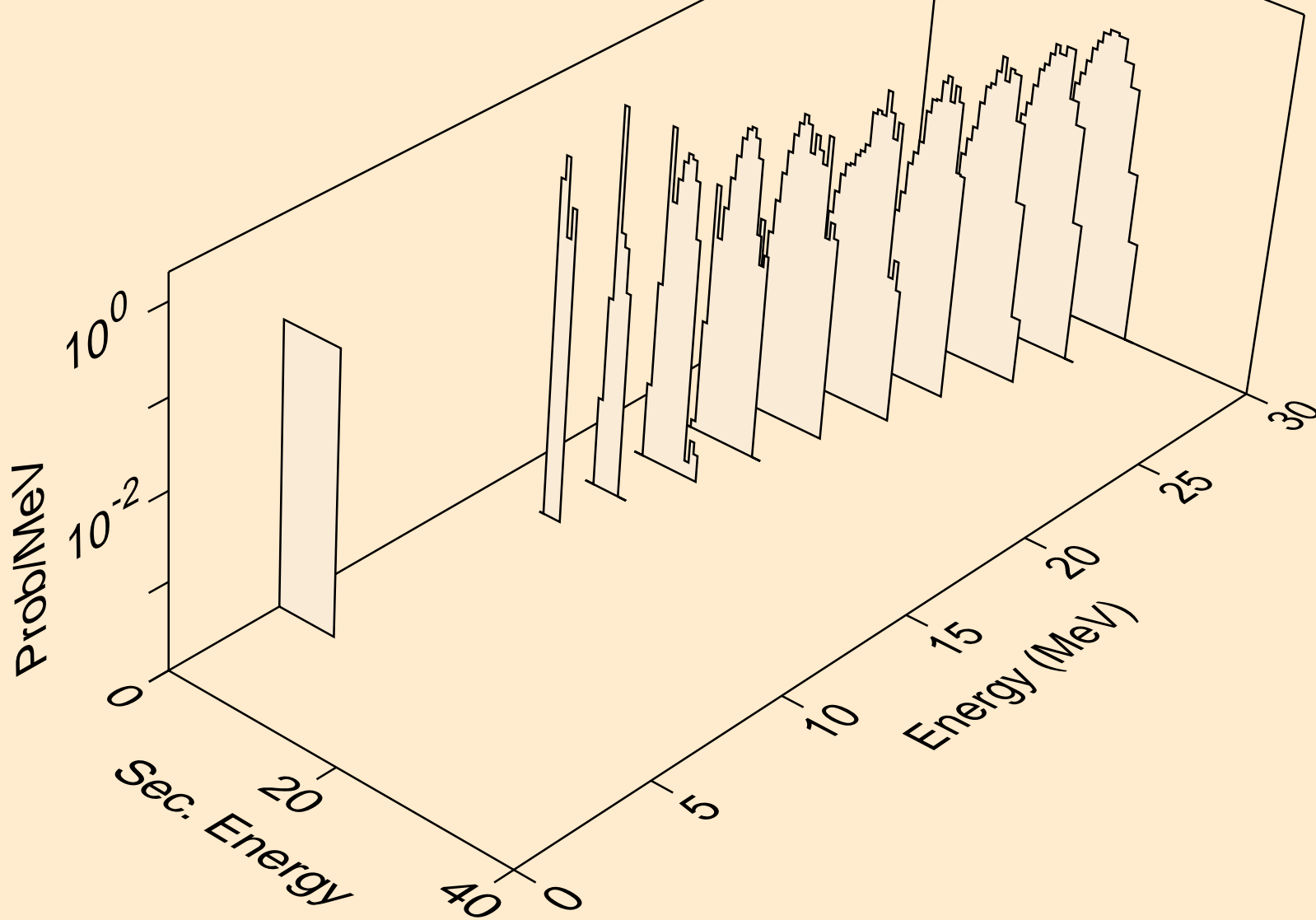
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



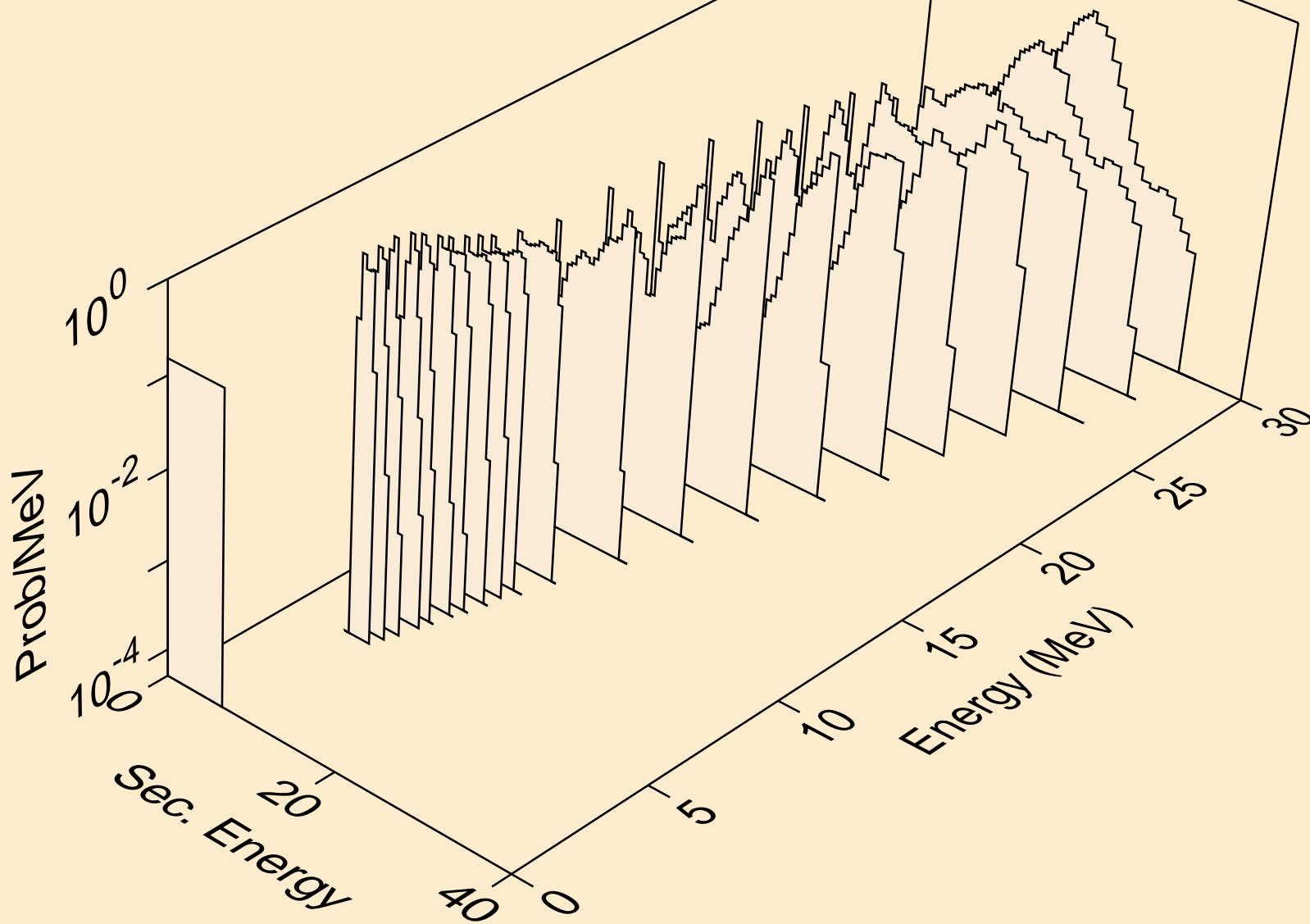
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



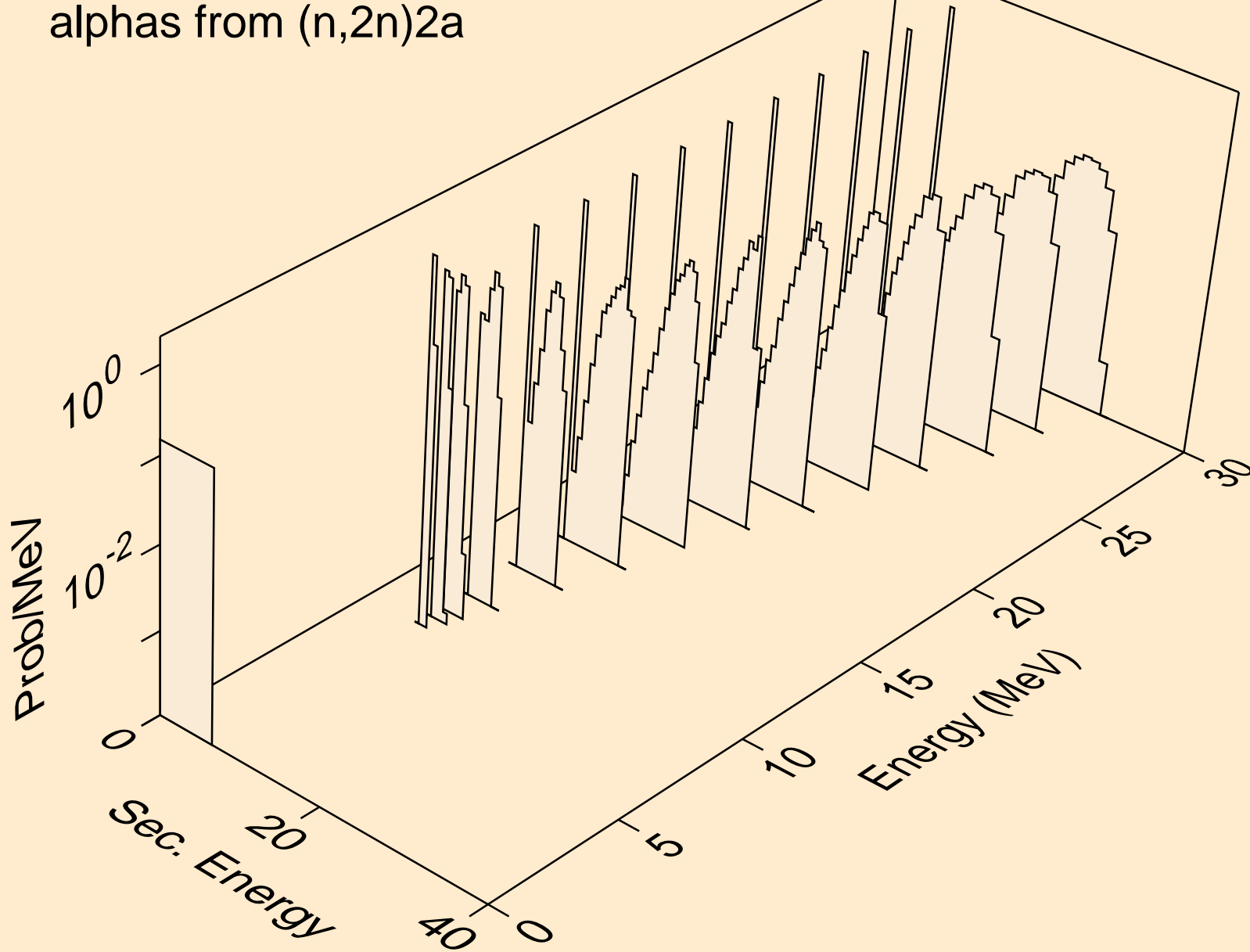
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alphas from (n,3n)a



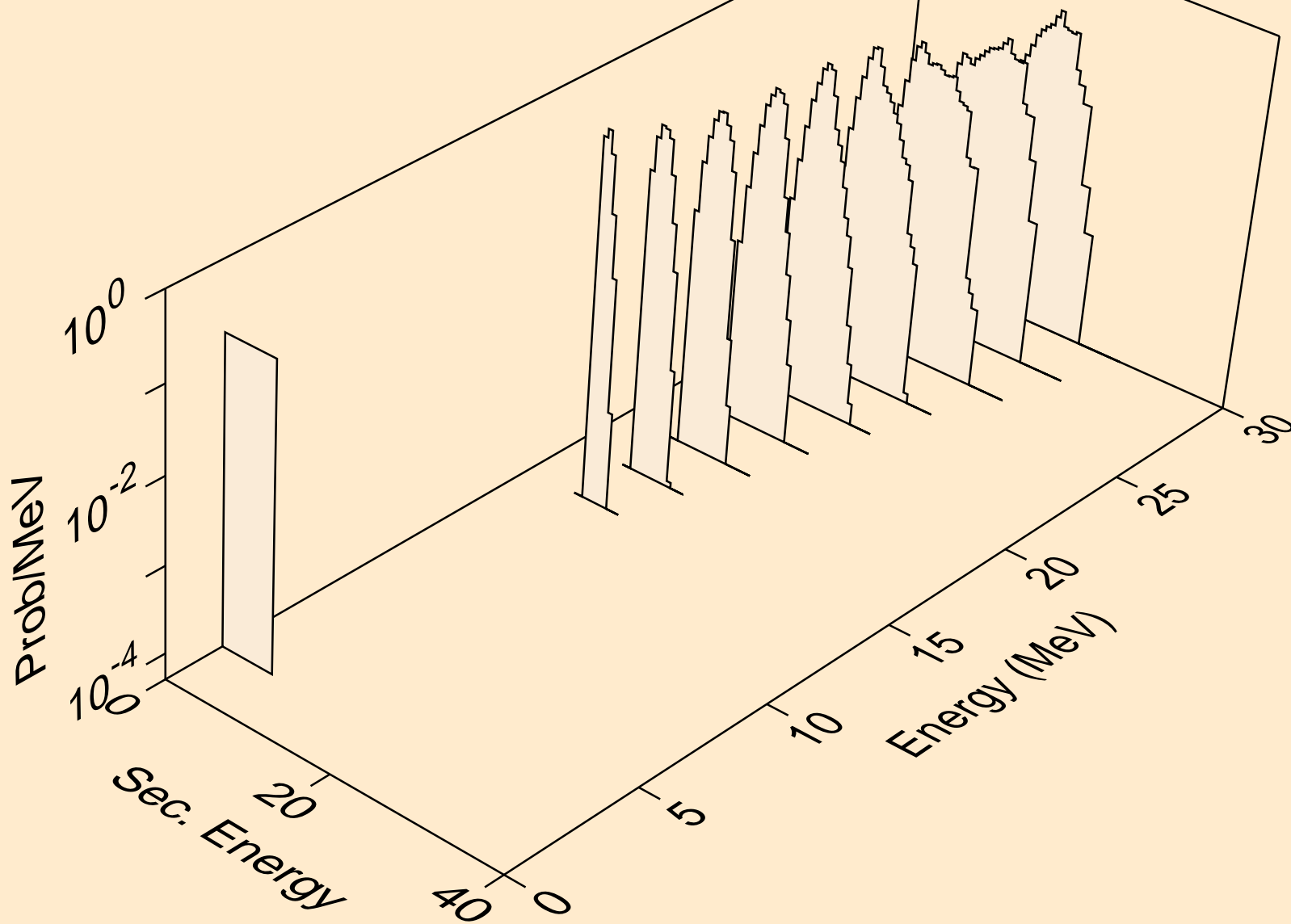
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



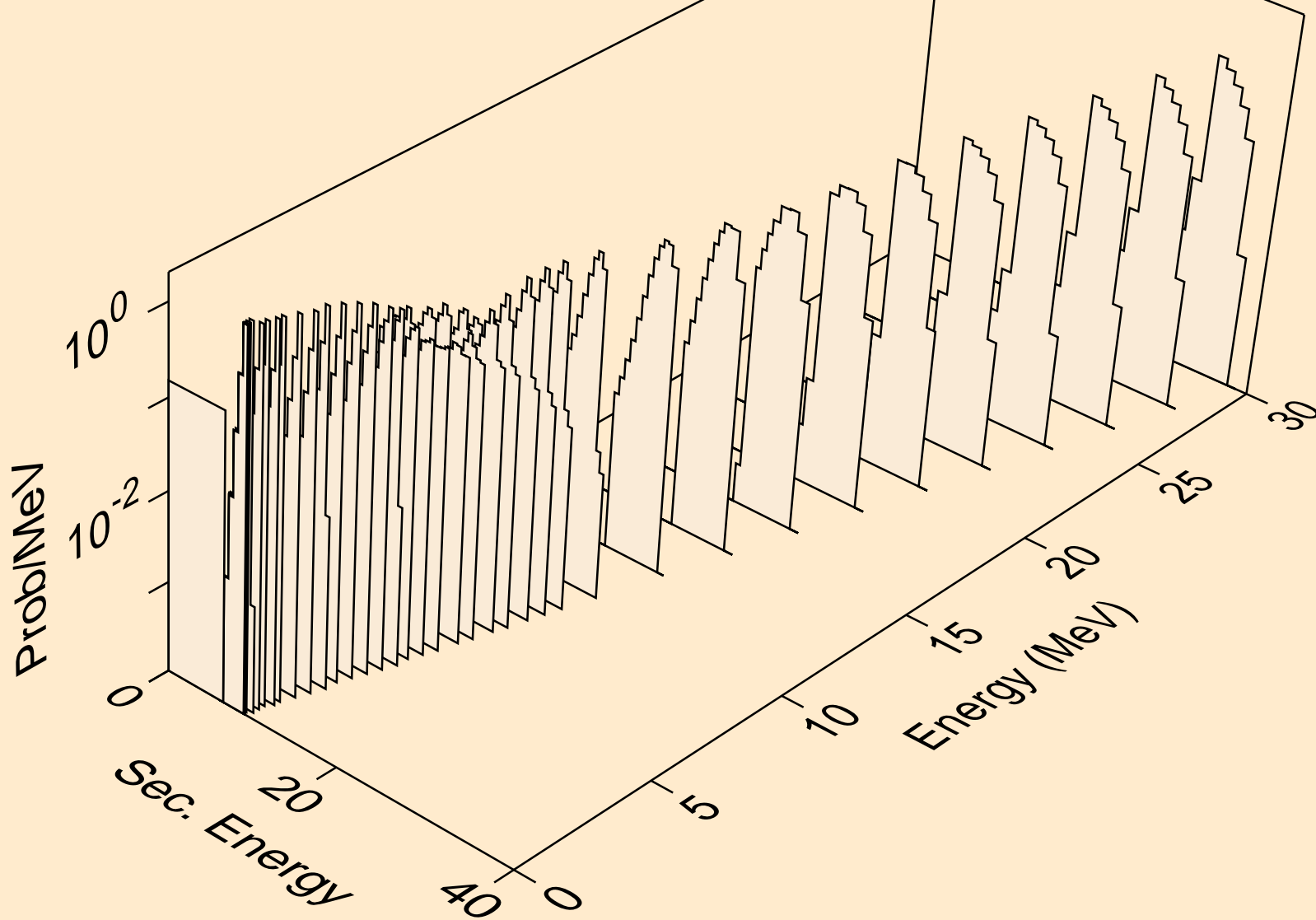
RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



RN222 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)

