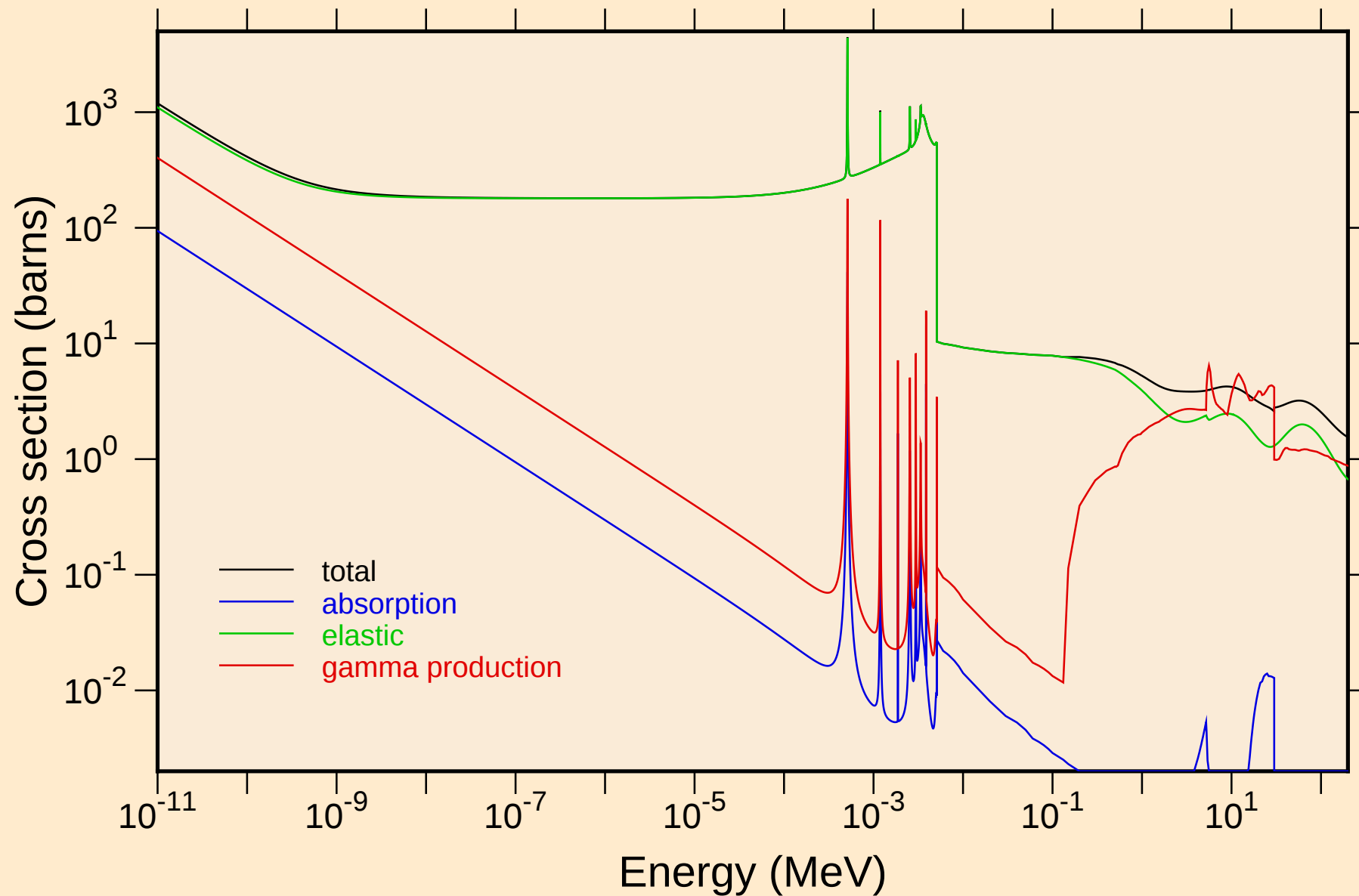
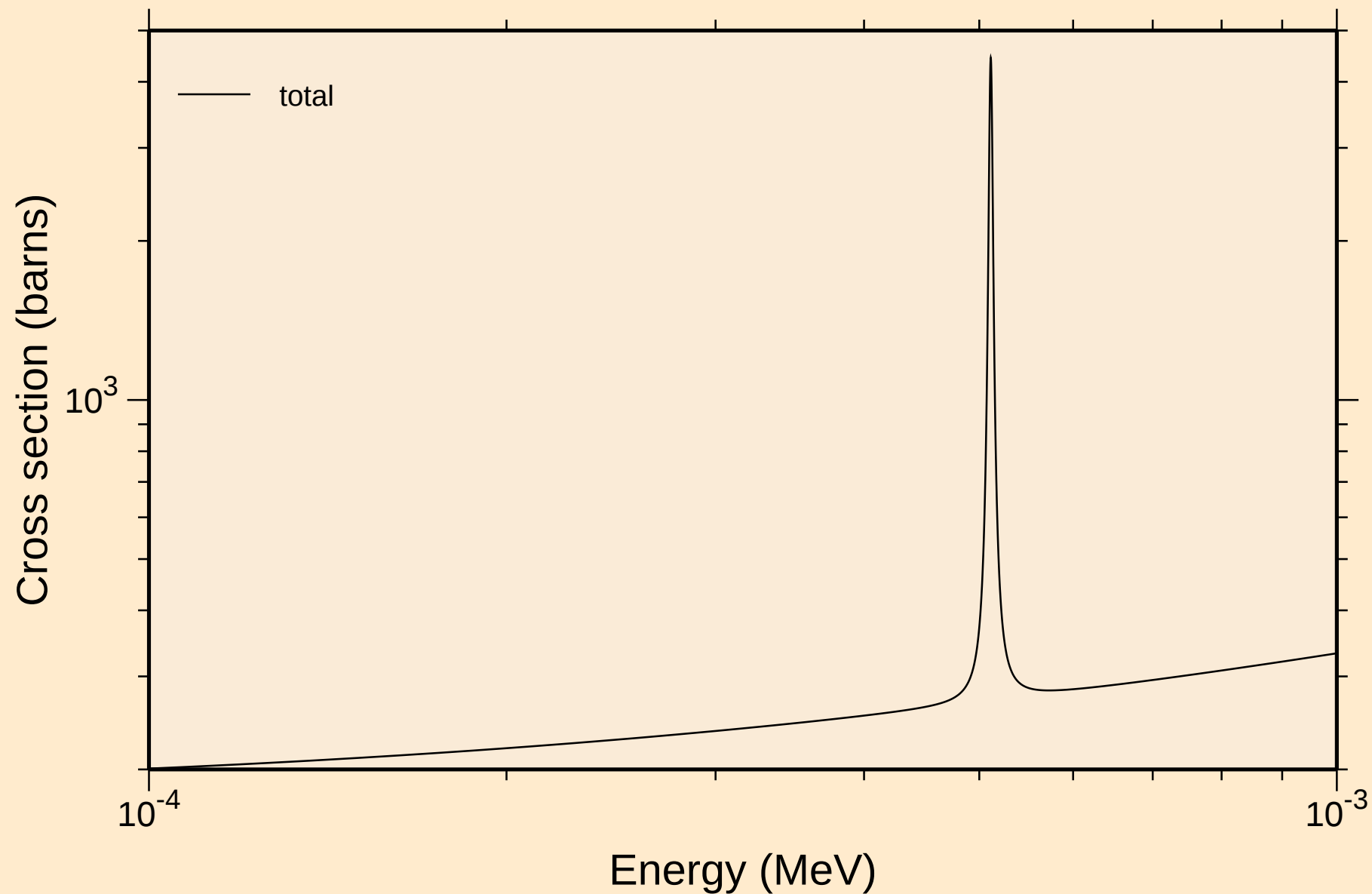


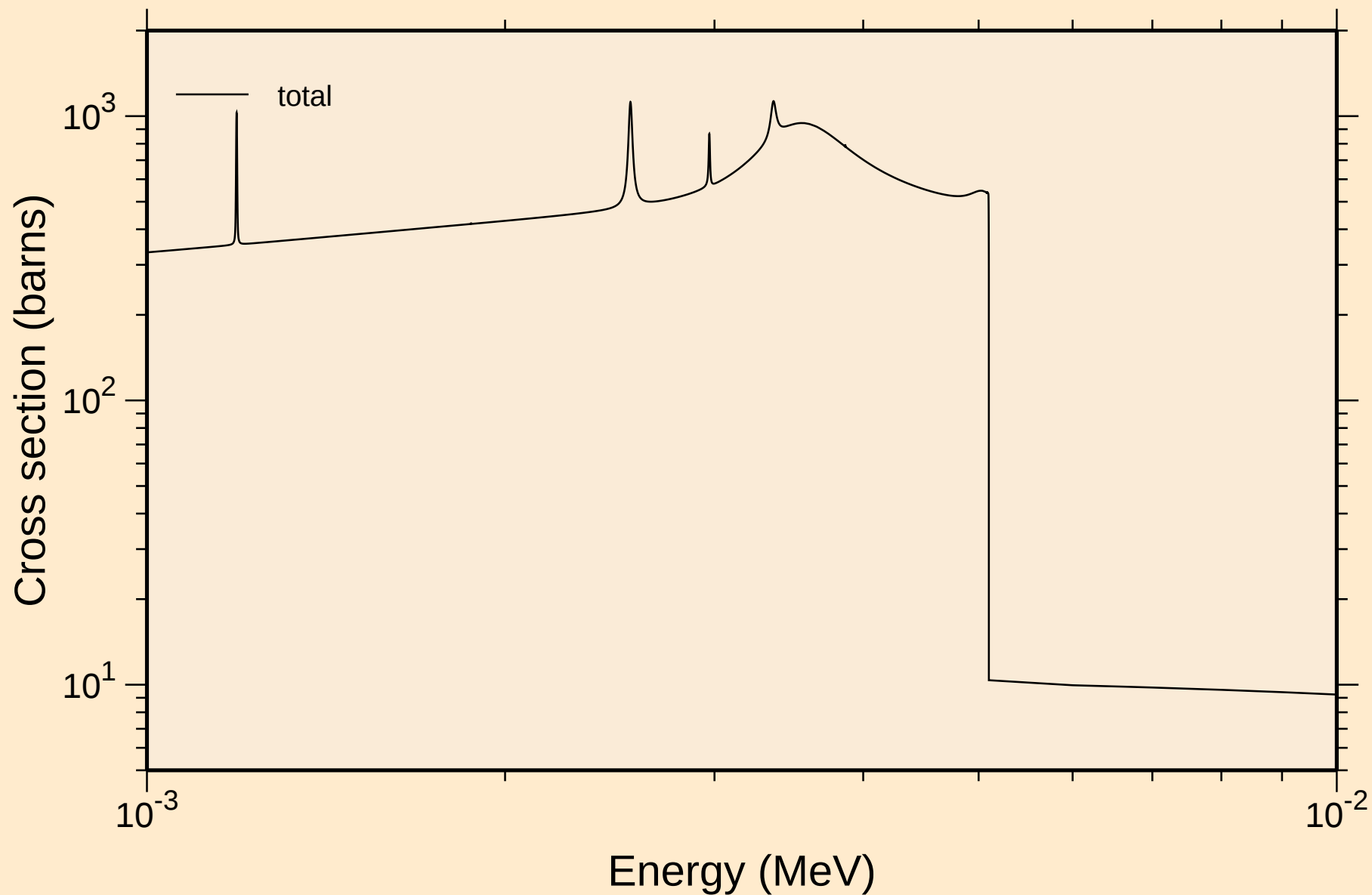
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



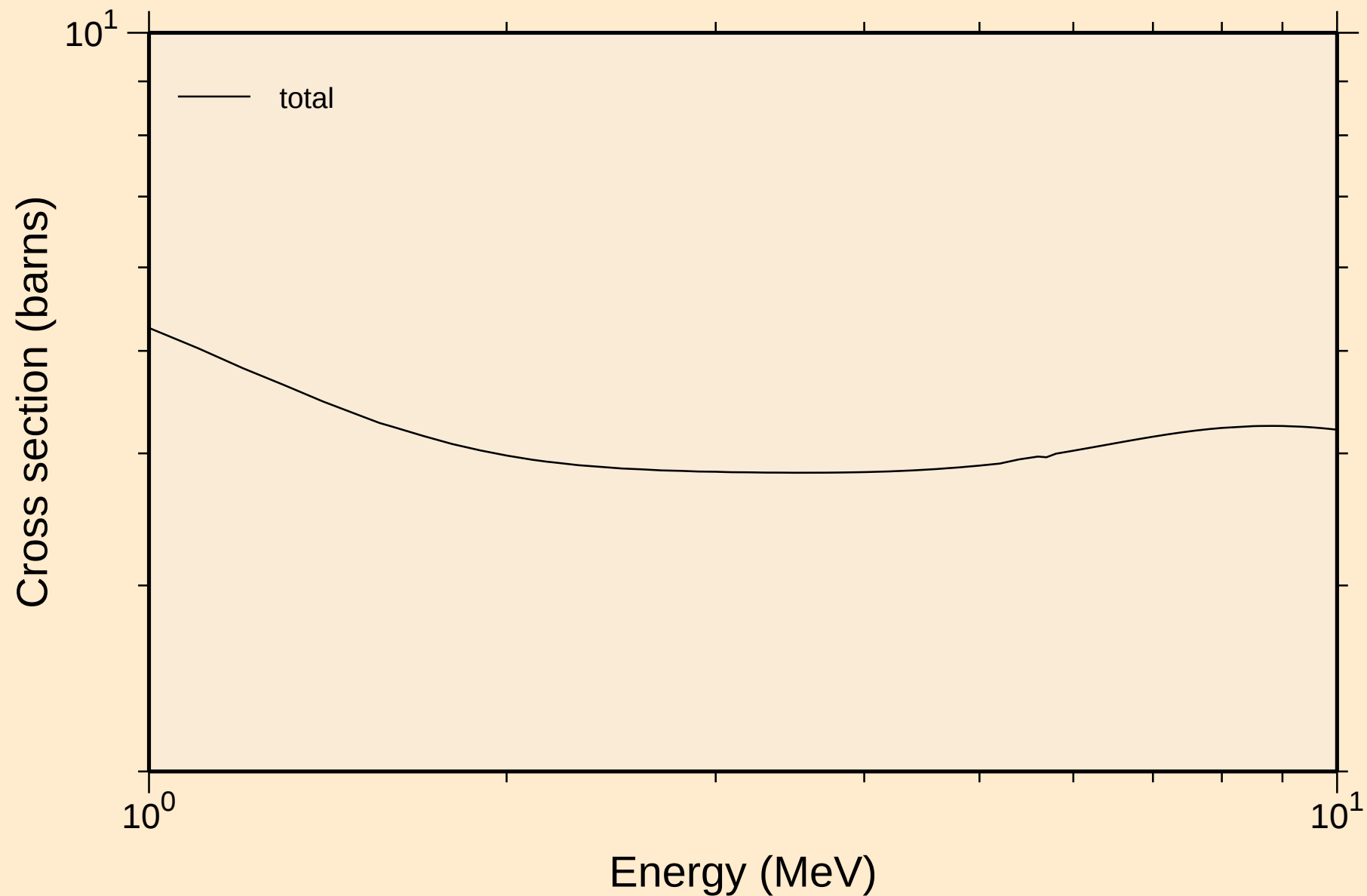
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resonance total cross section



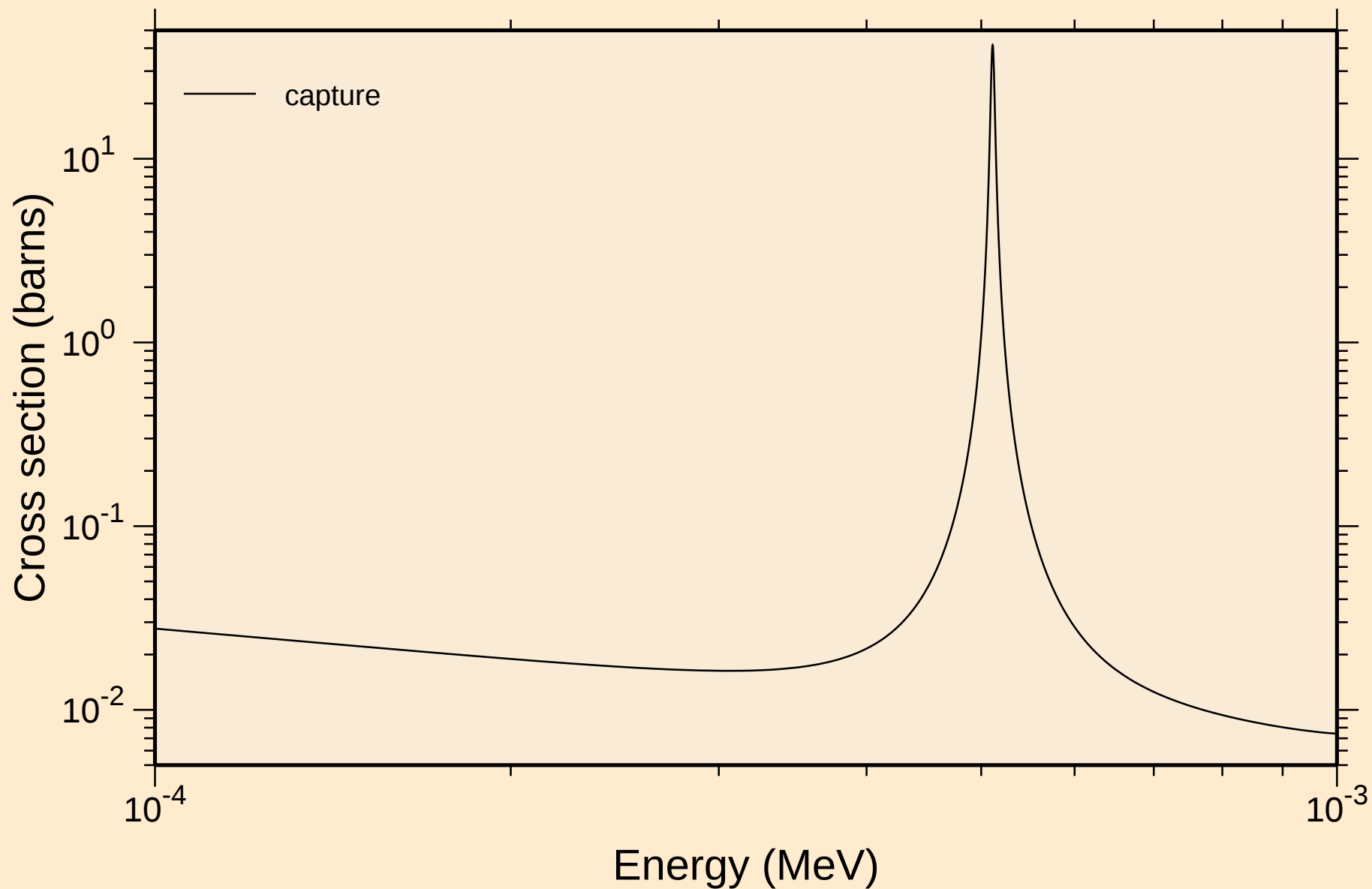
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



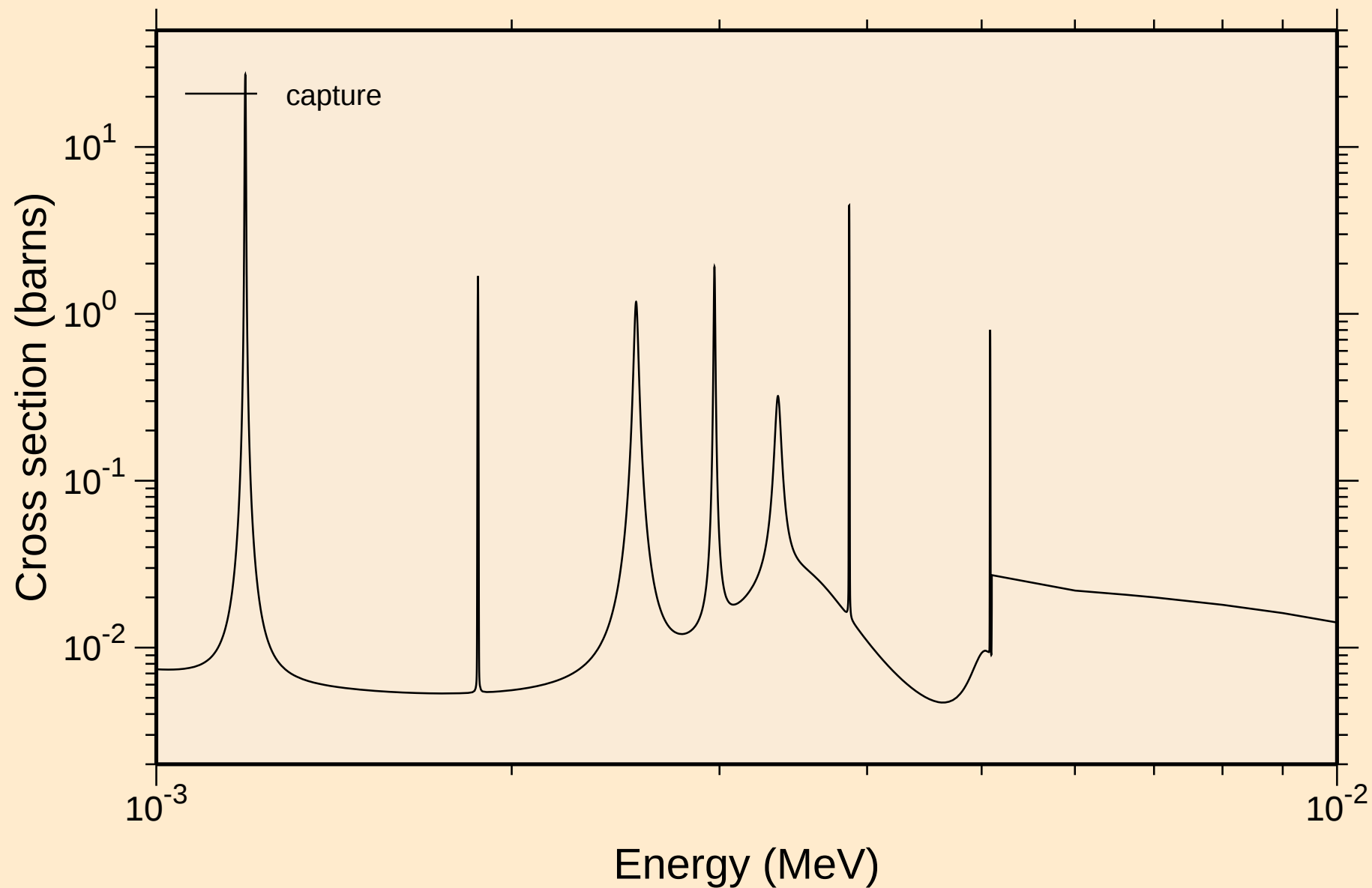
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resonance total cross section



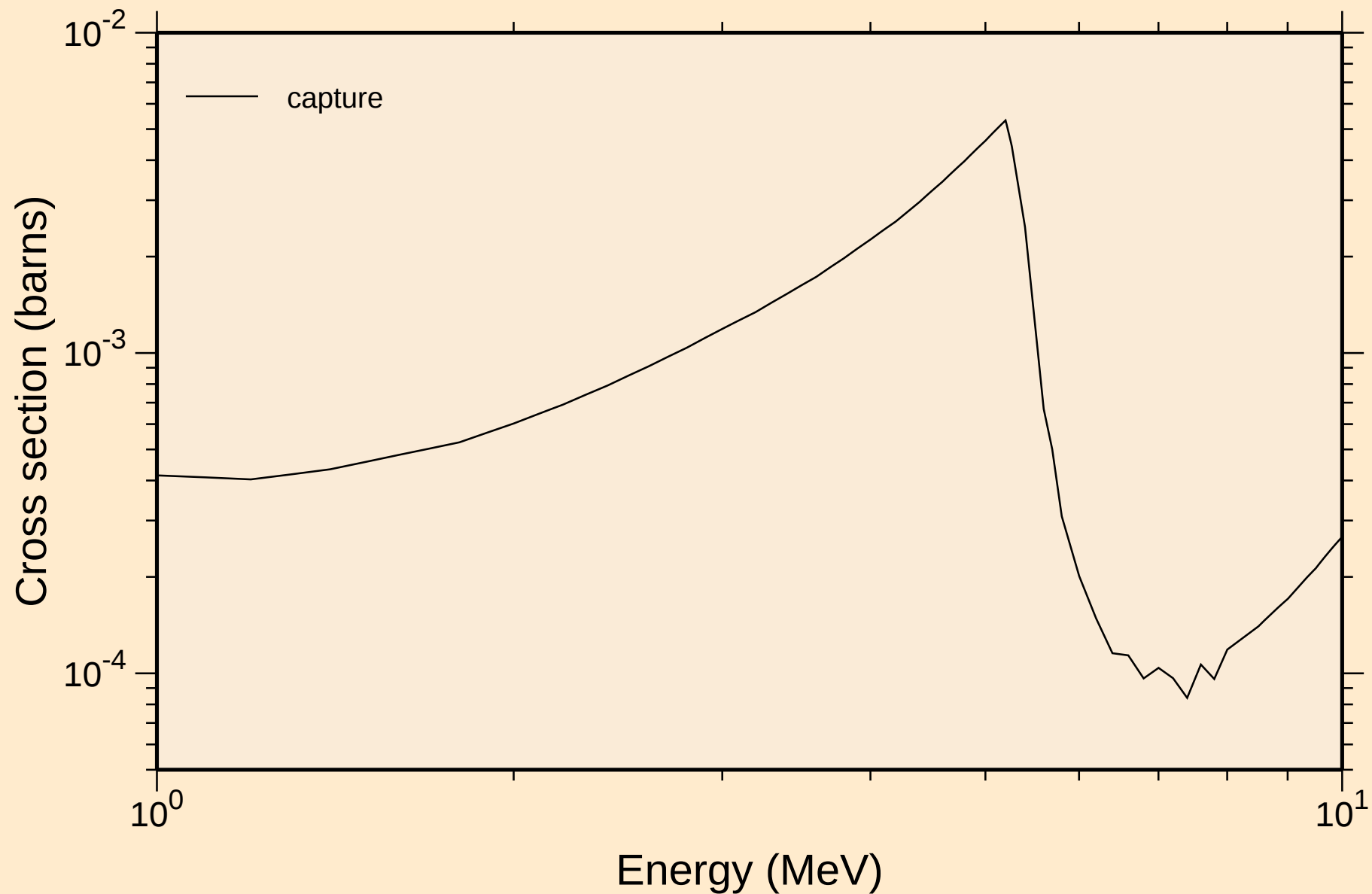
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

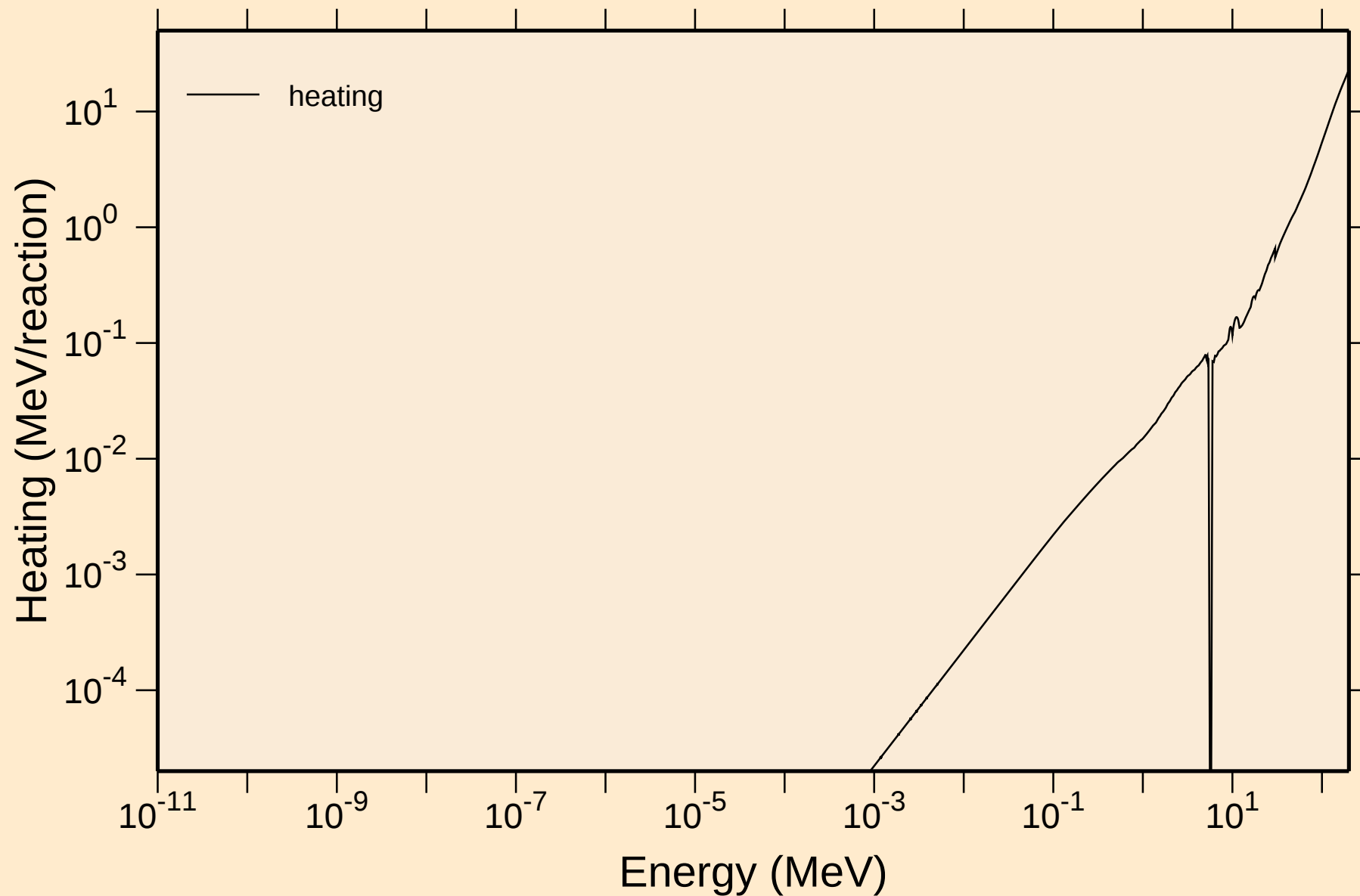


BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

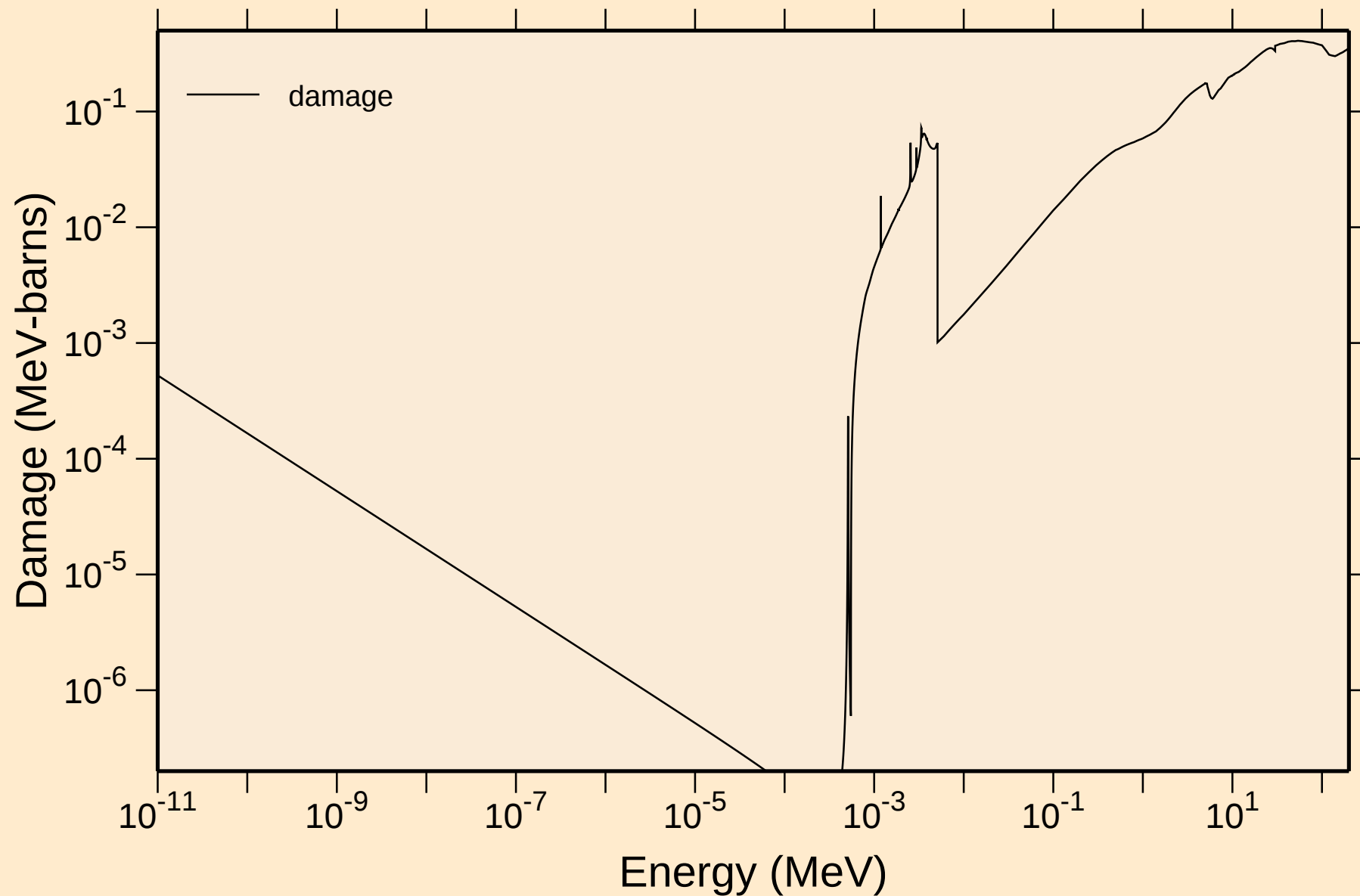


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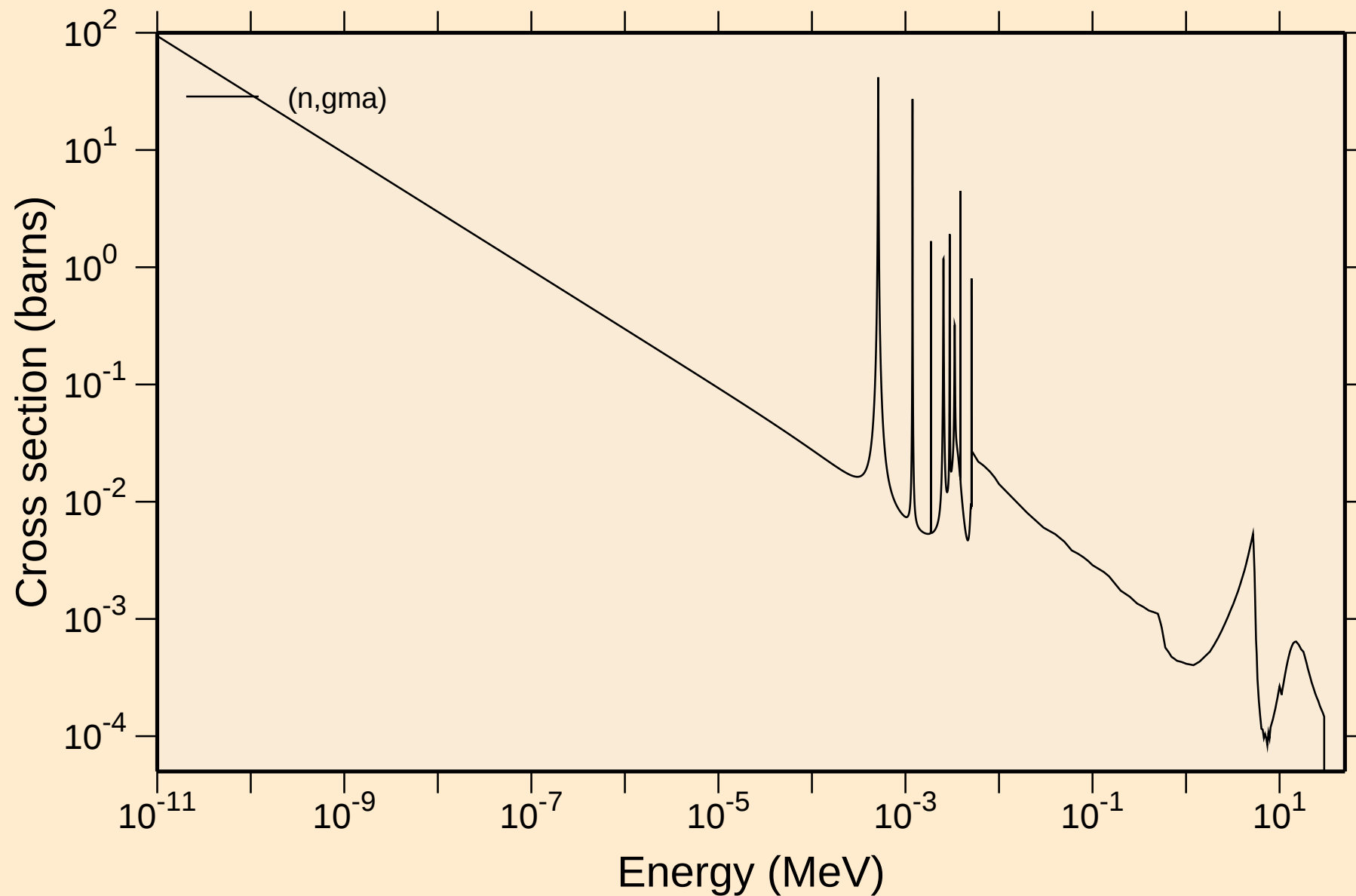
Heating



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

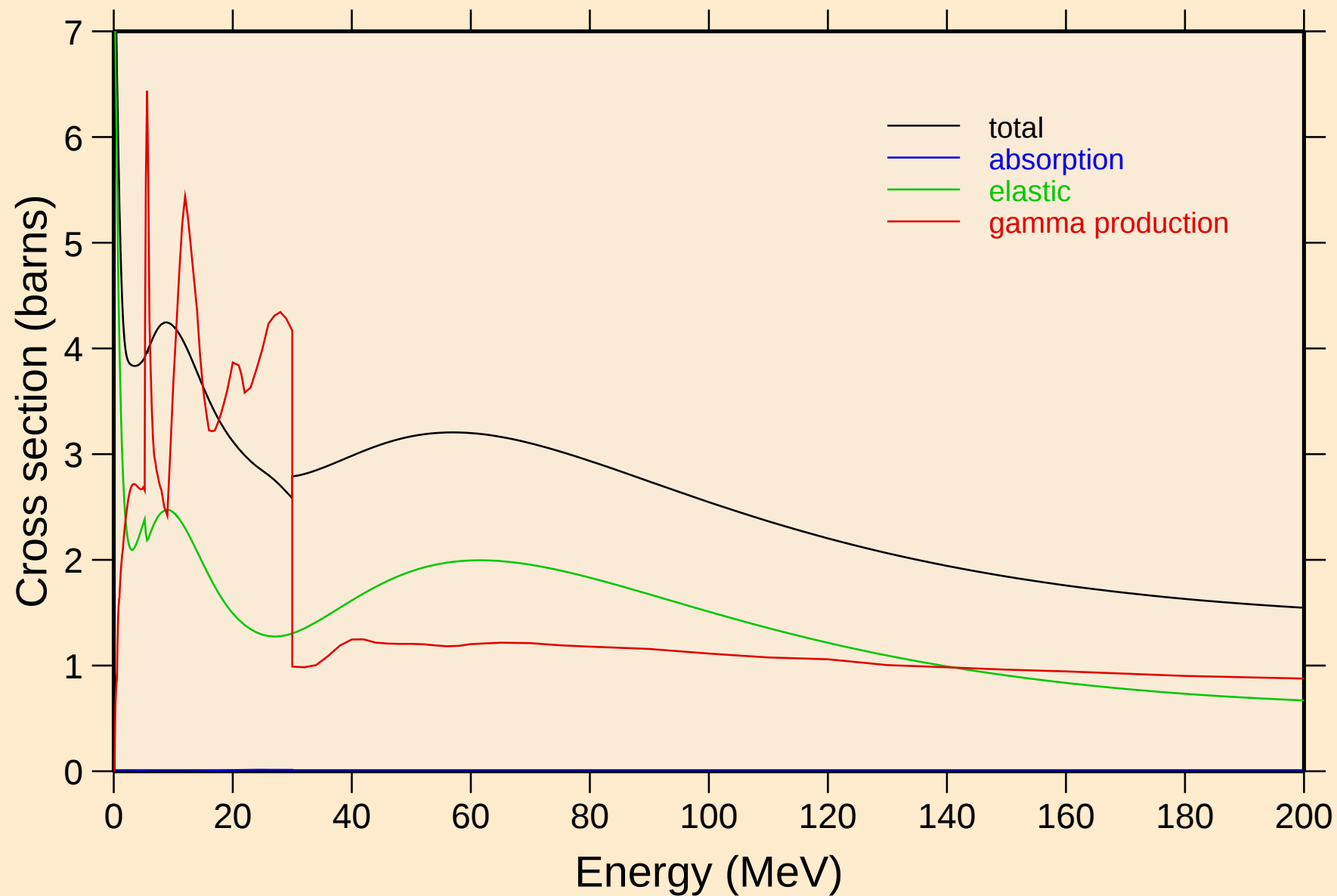


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Non-threshold reactions



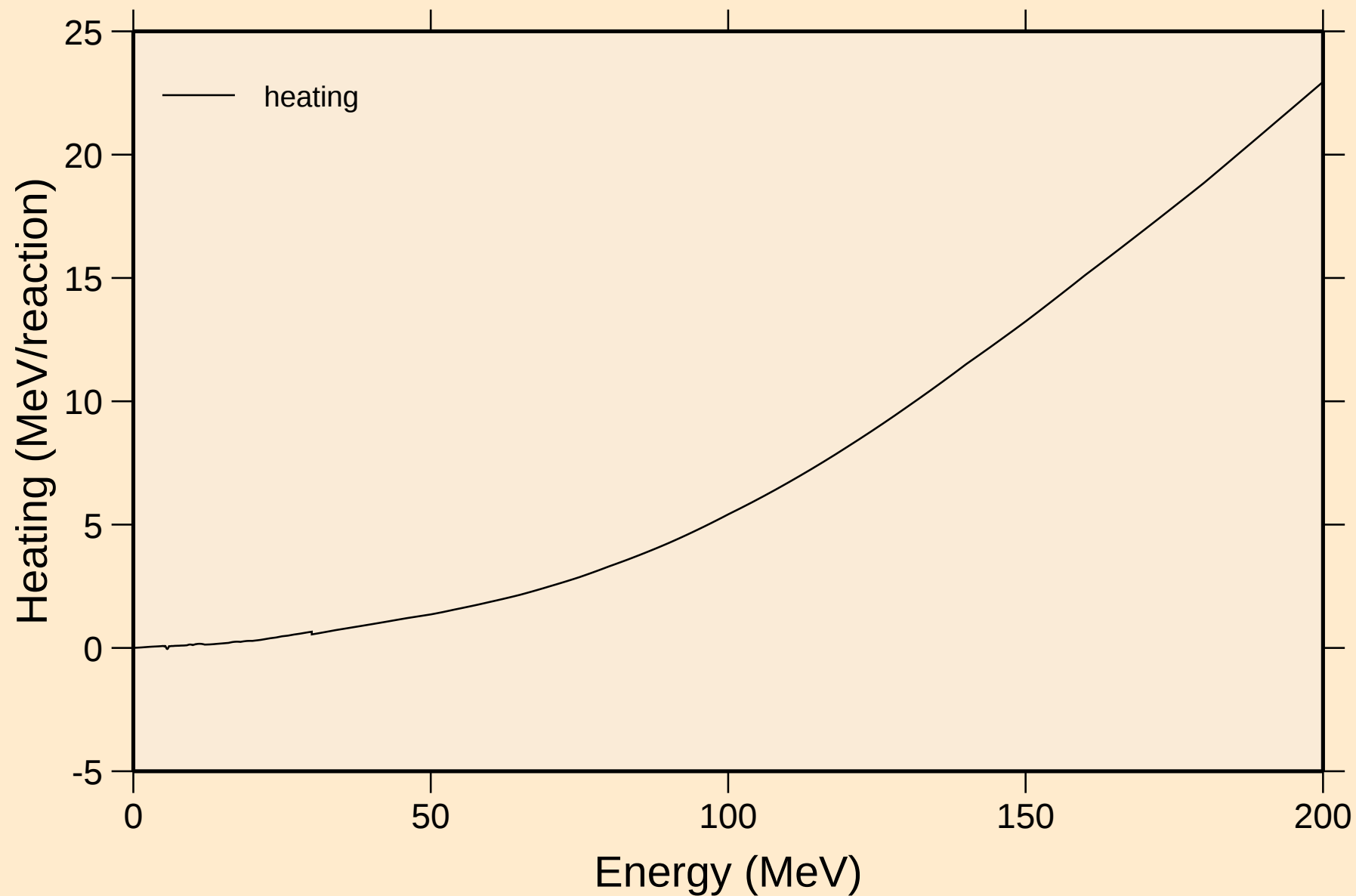
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Principal cross sections

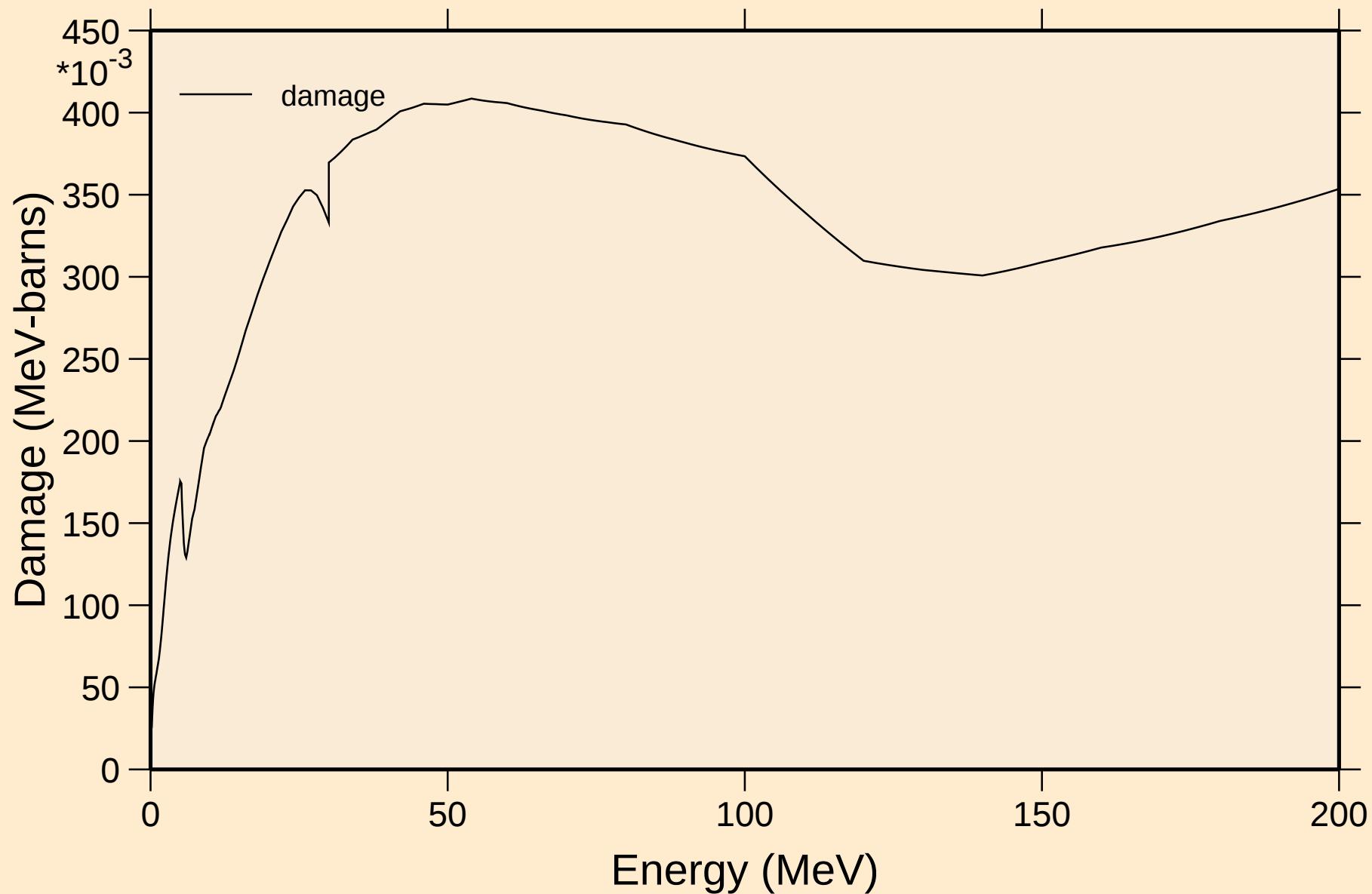


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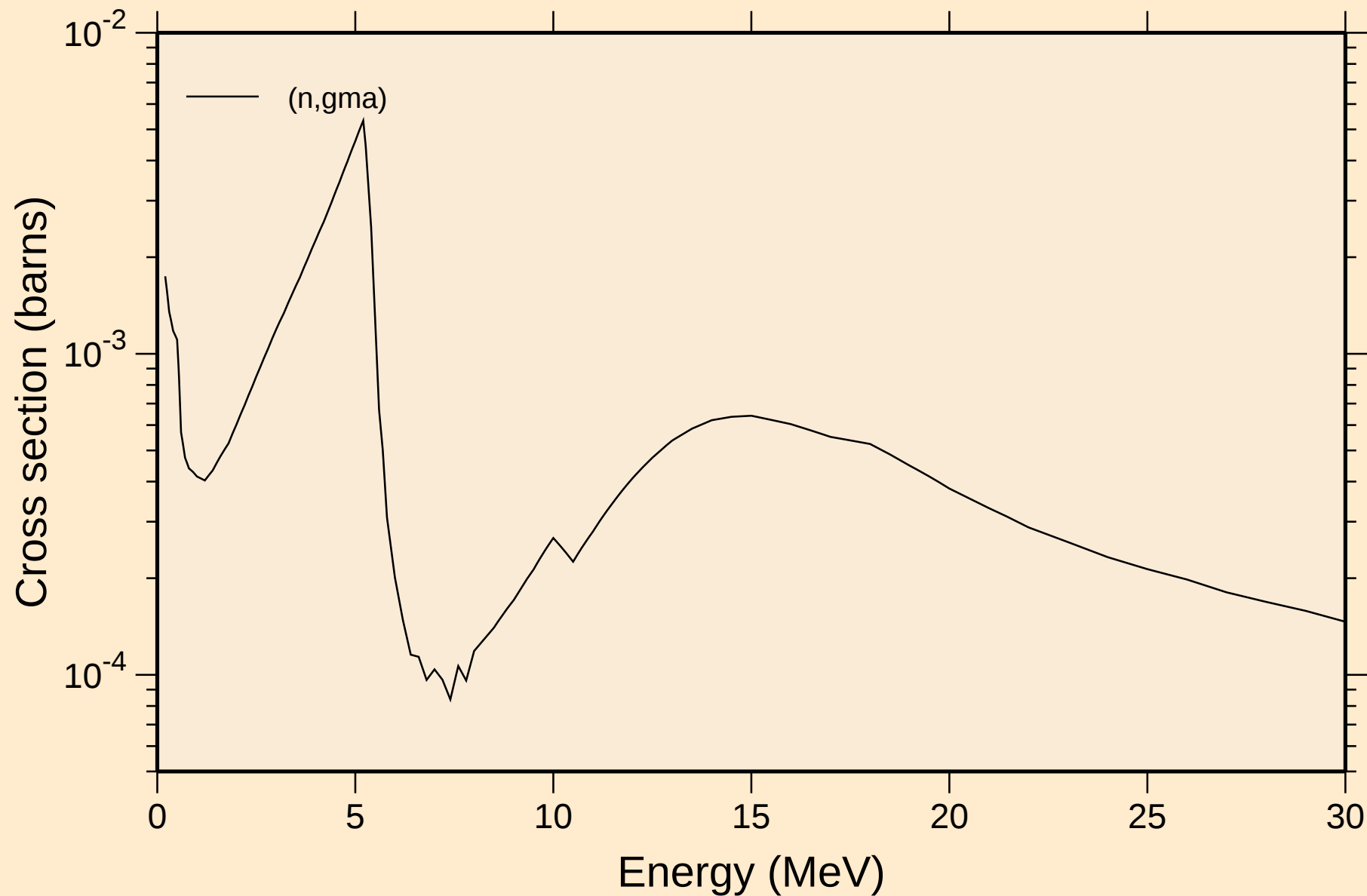
Heating



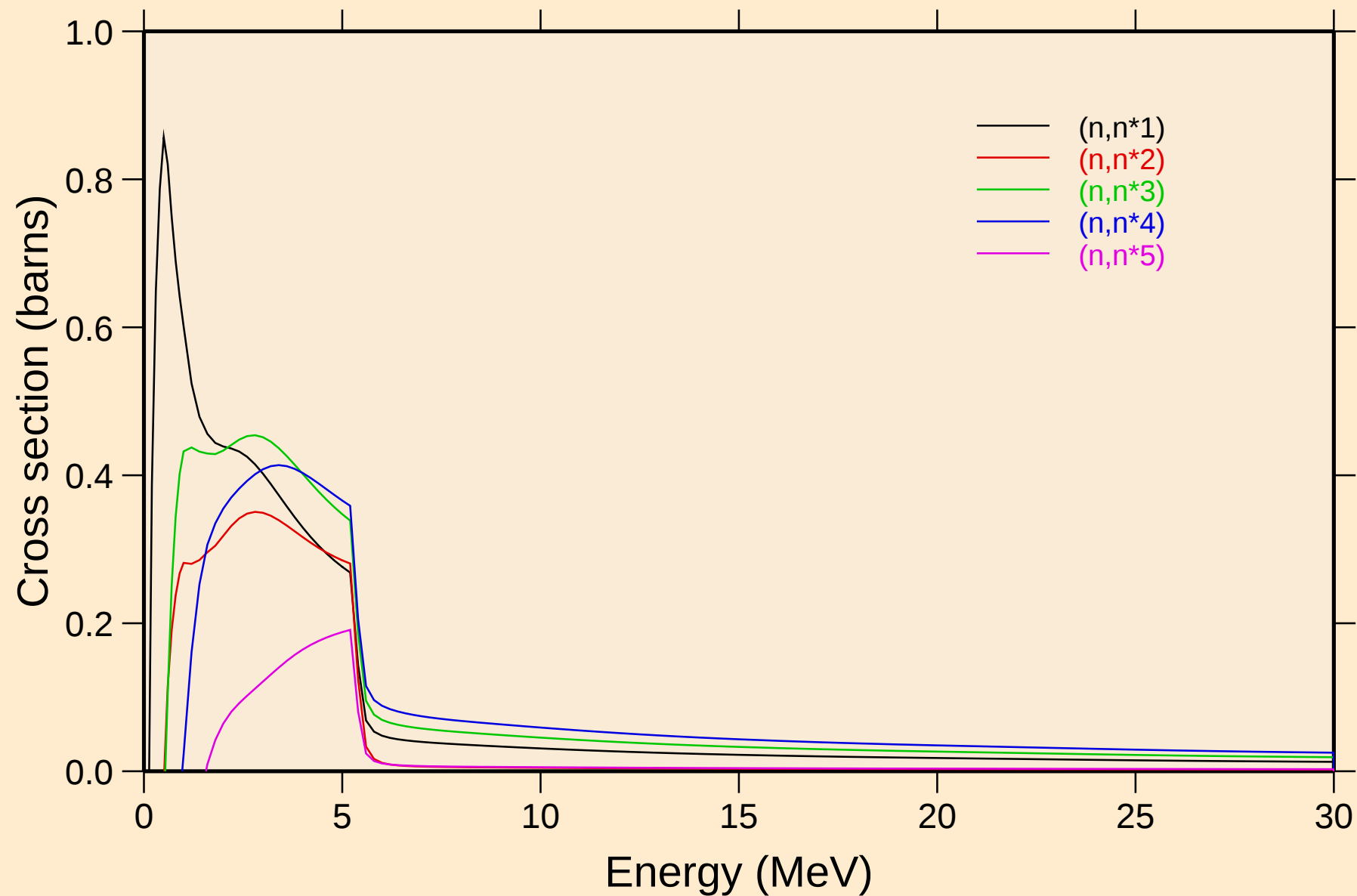
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

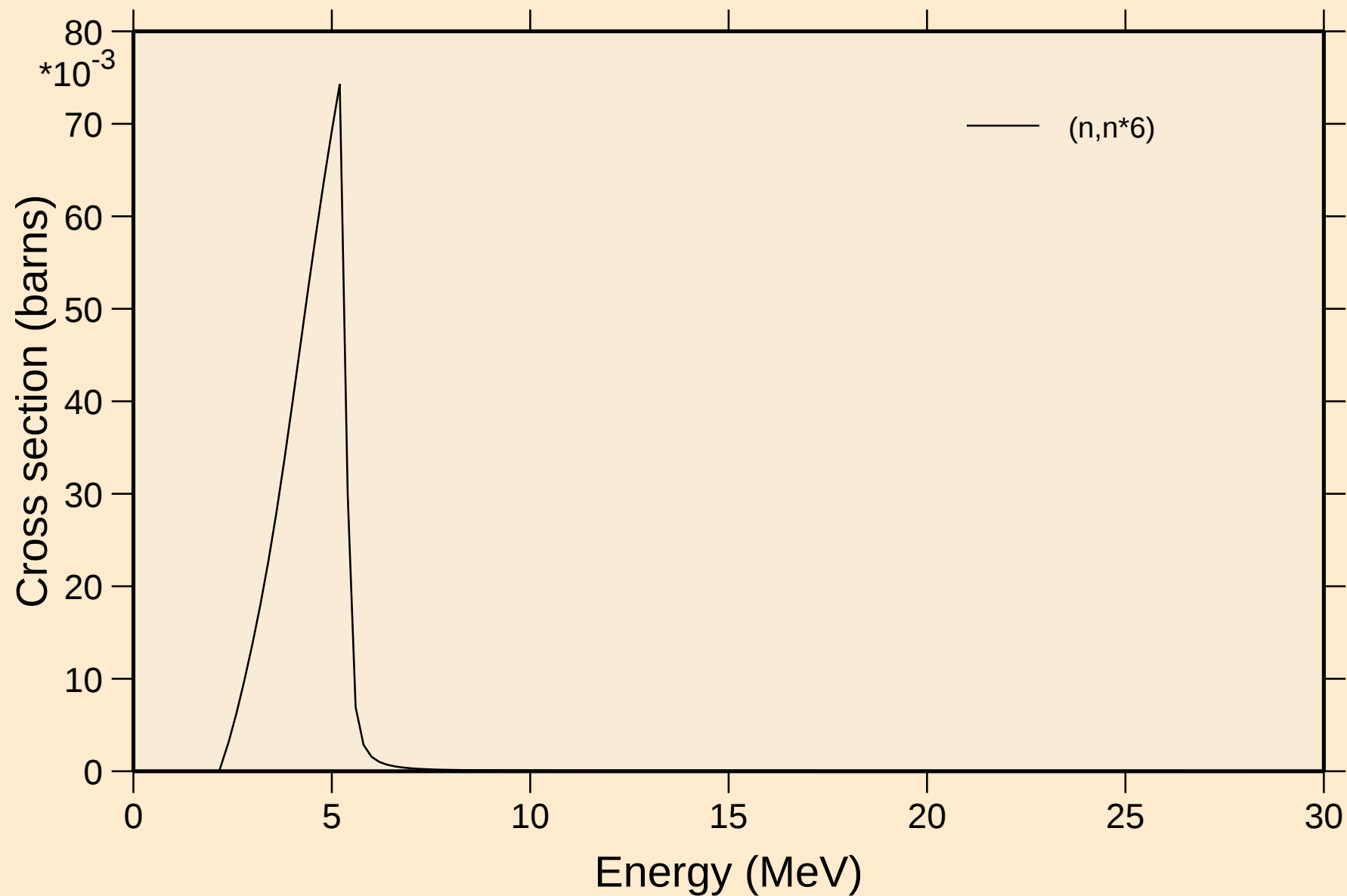


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Inelastic levels



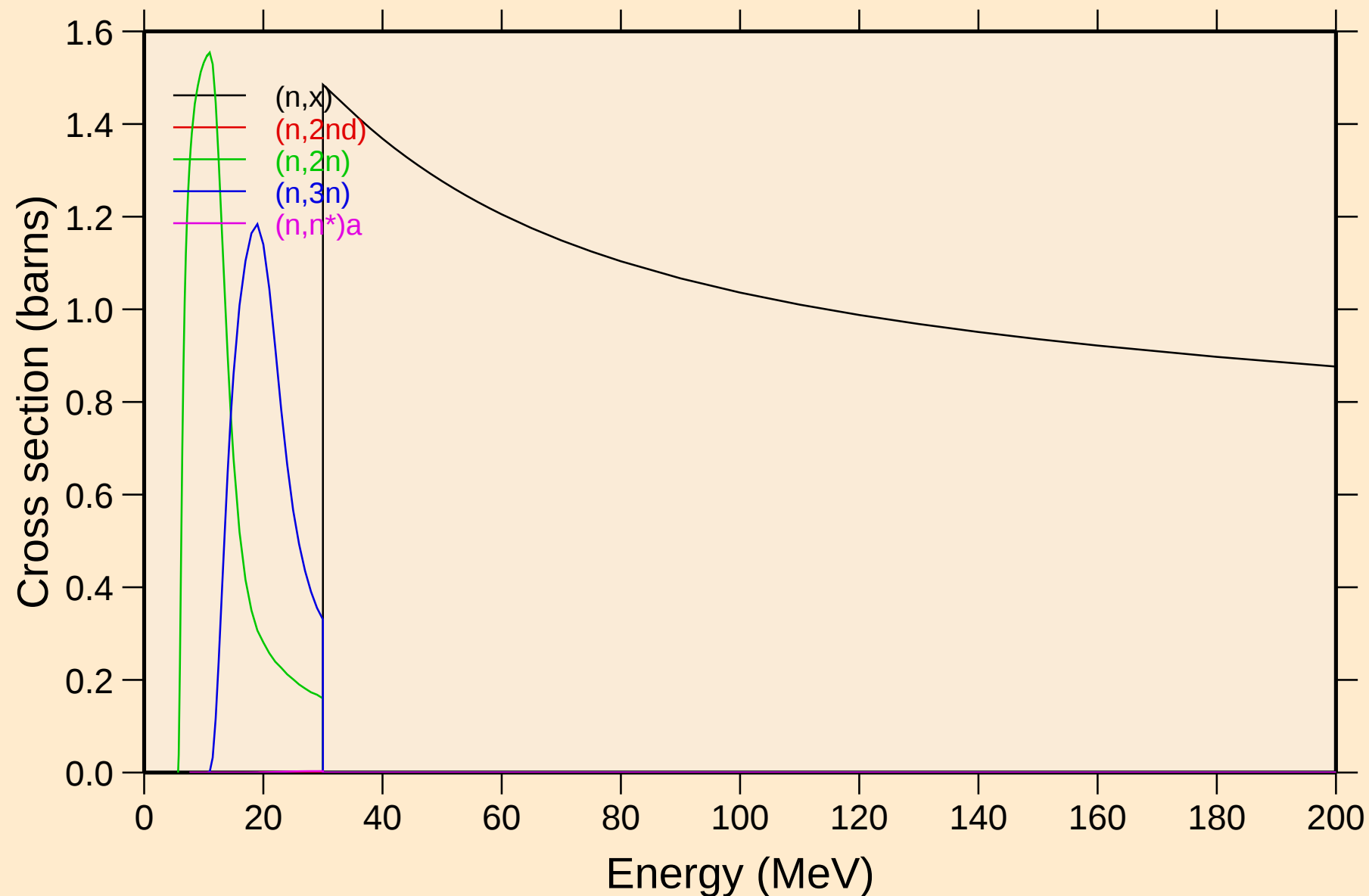
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Inelastic levels

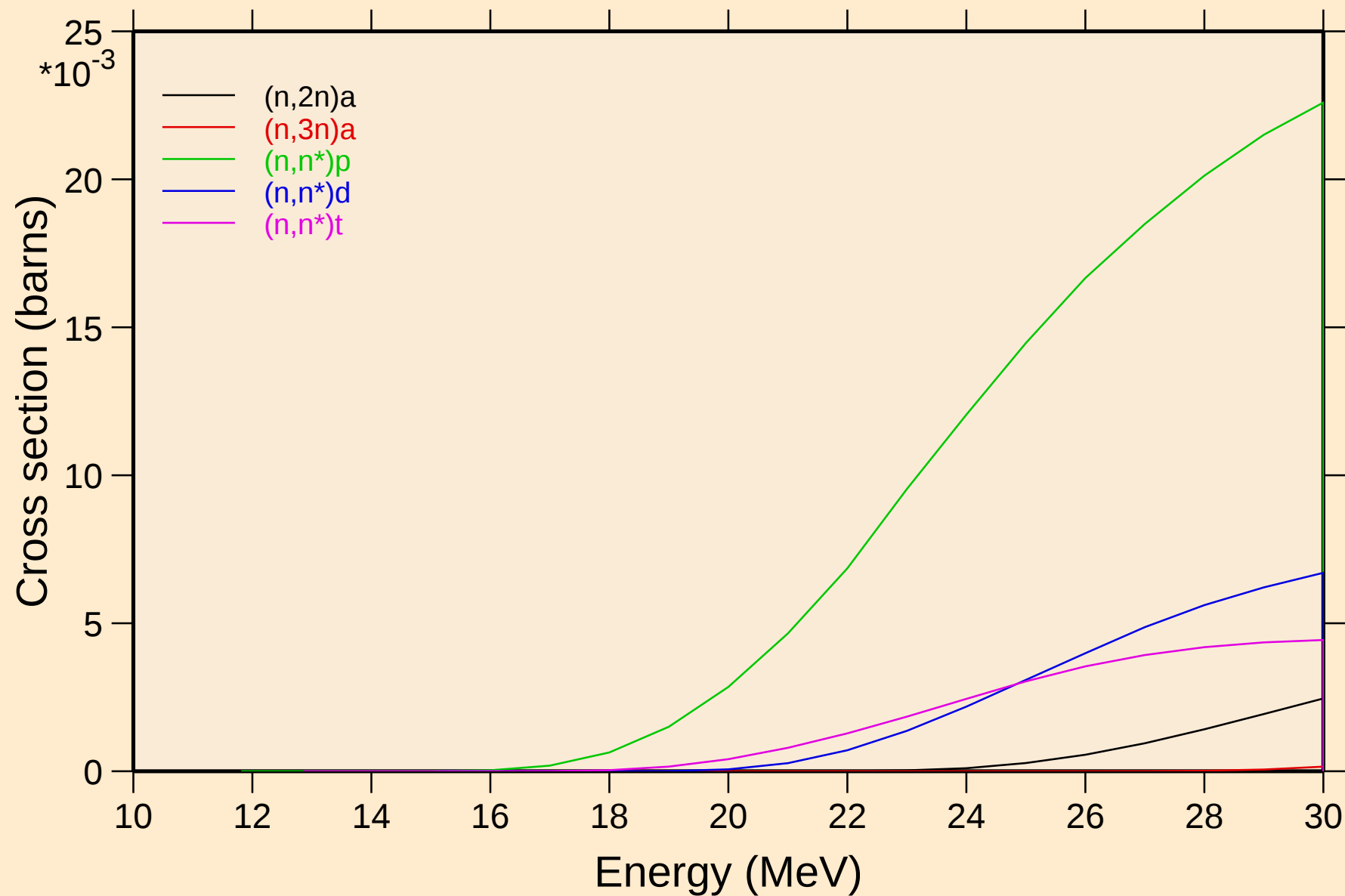


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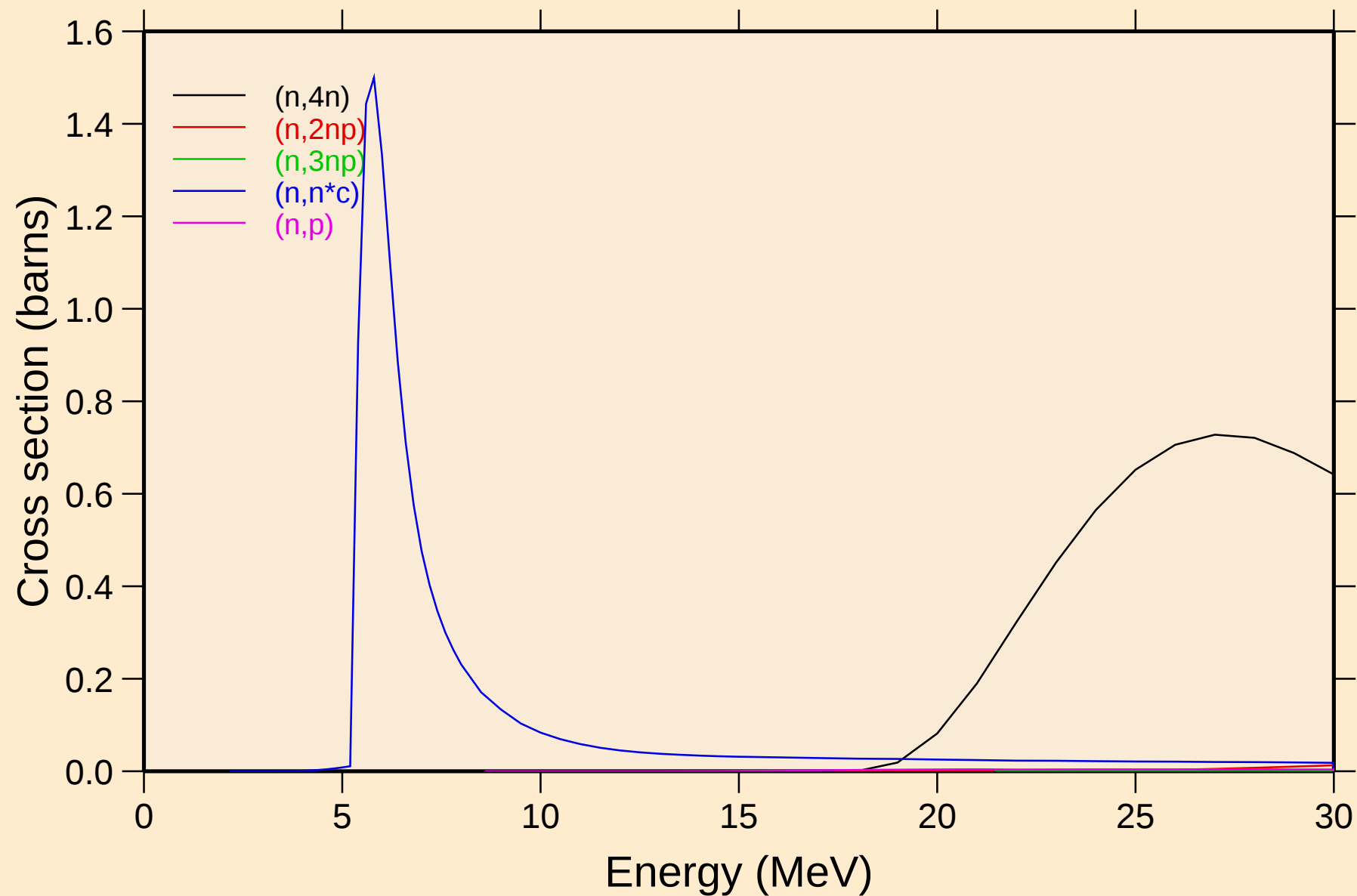
Threshold reactions



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

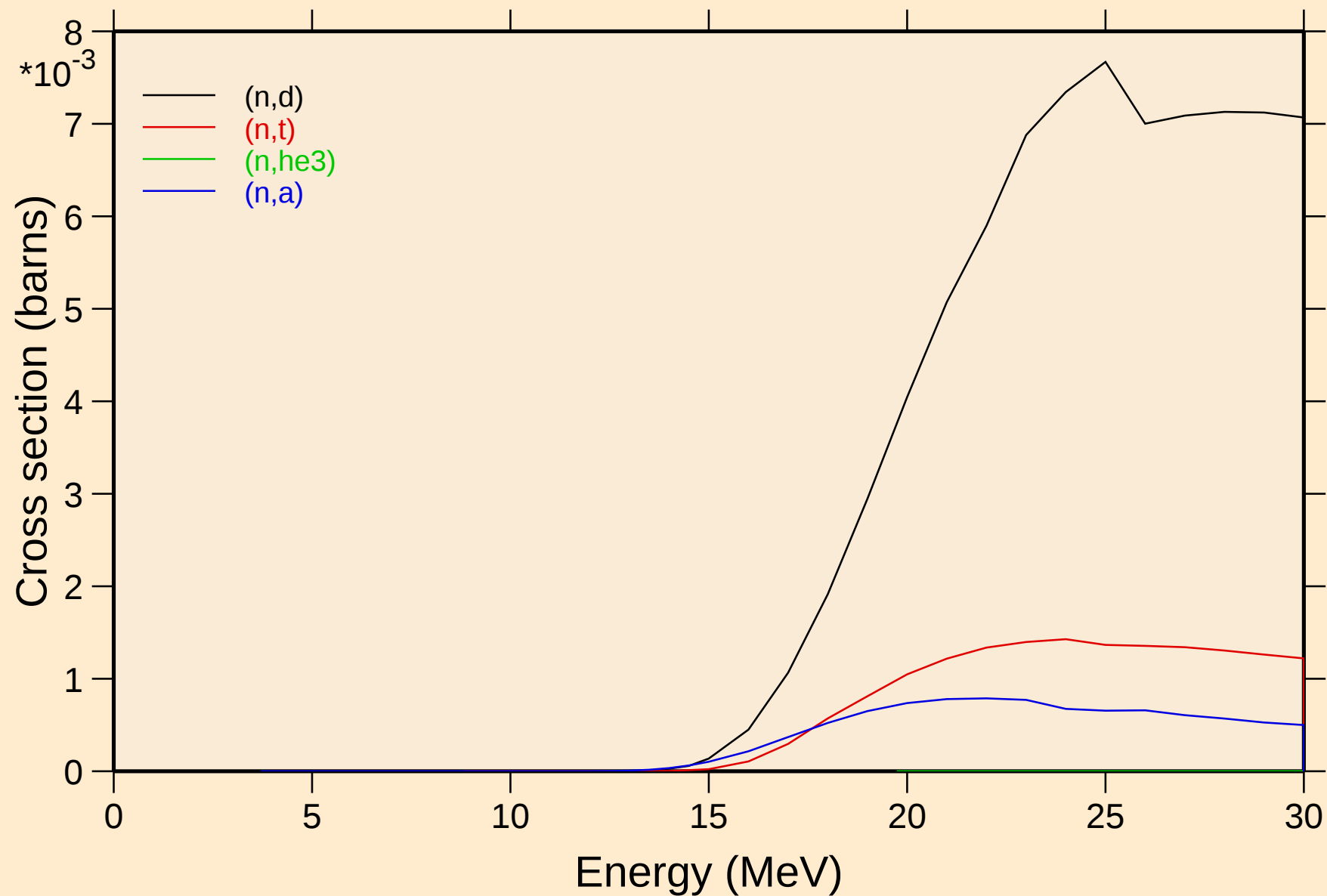


BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

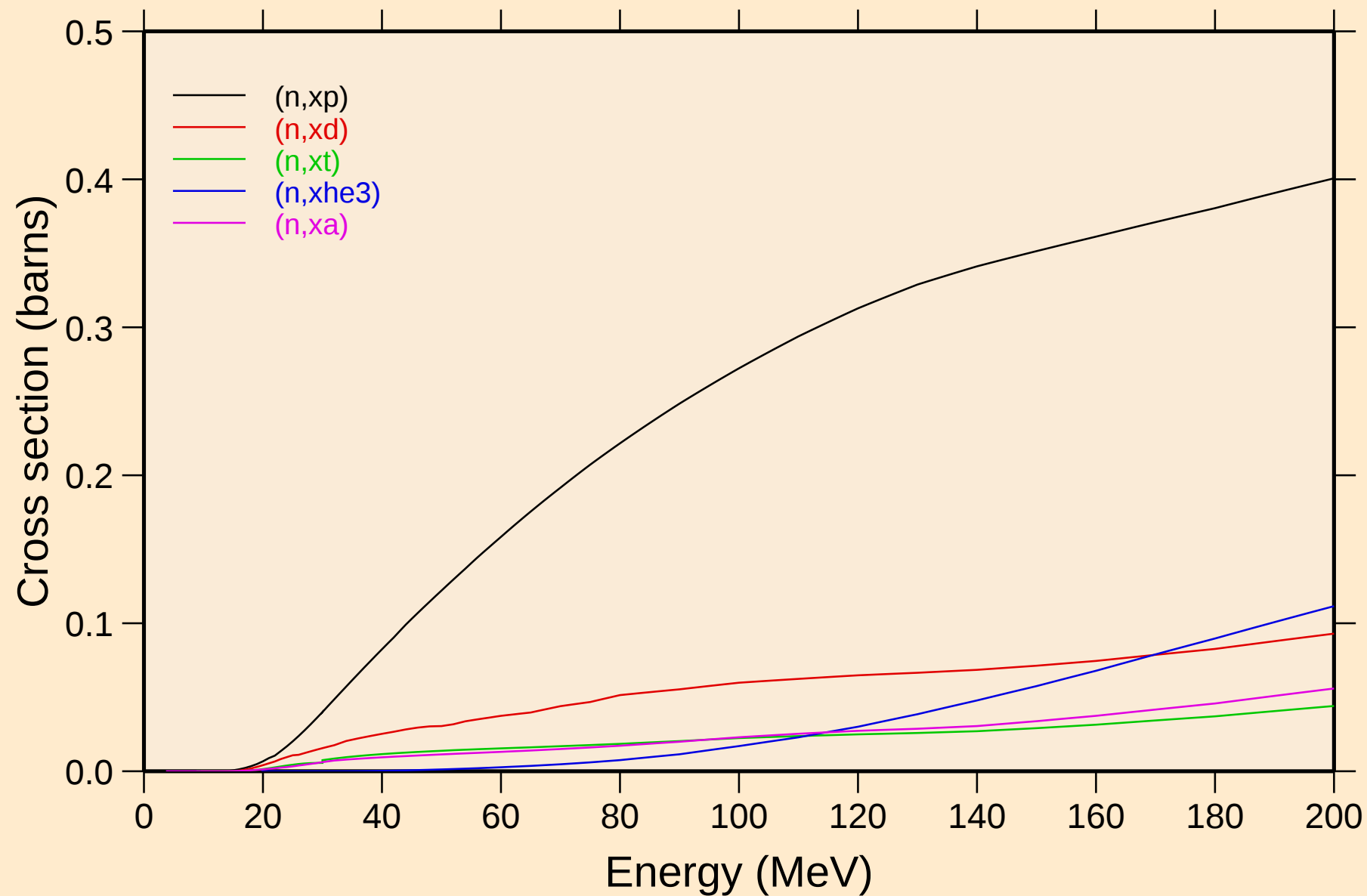


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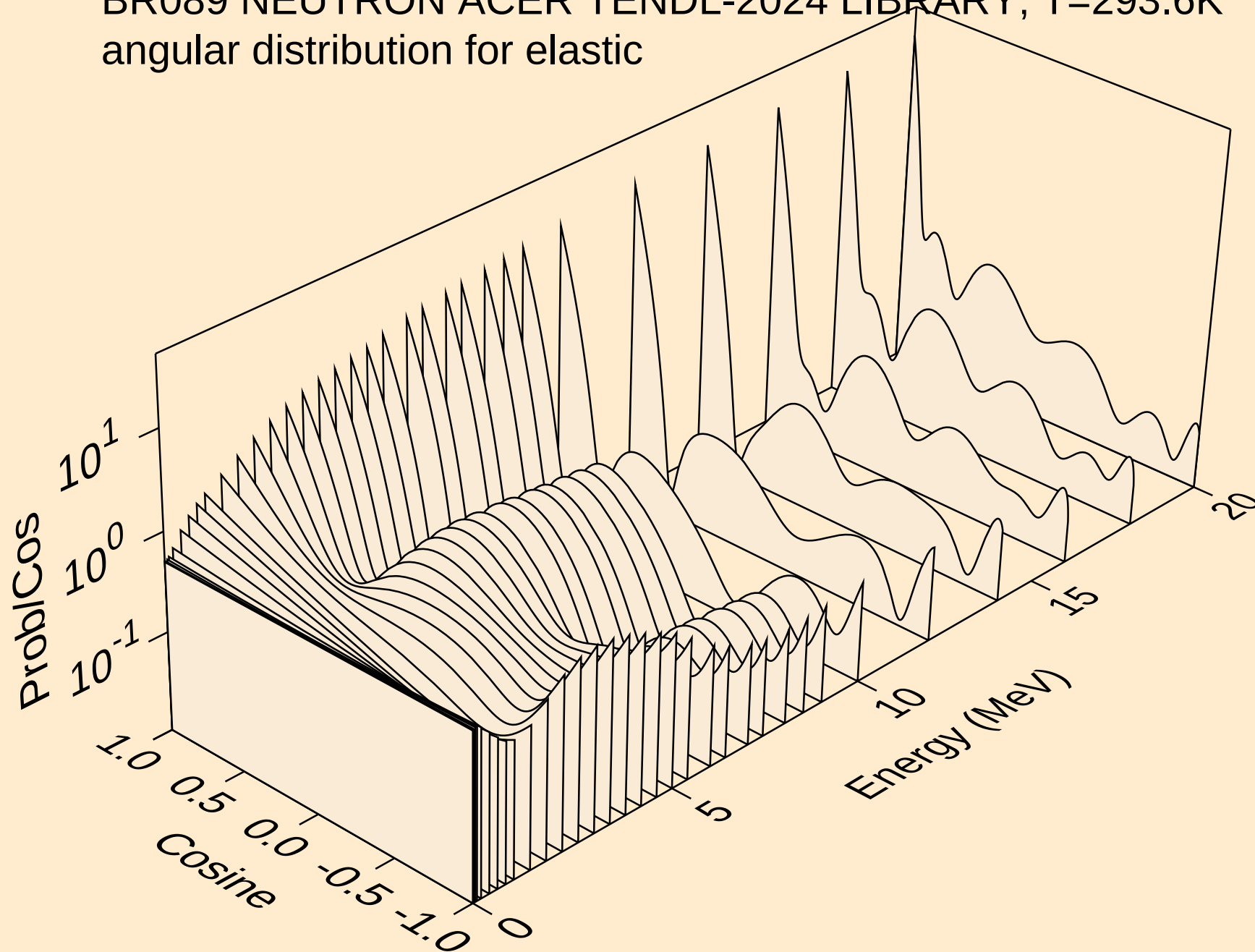
Threshold reactions



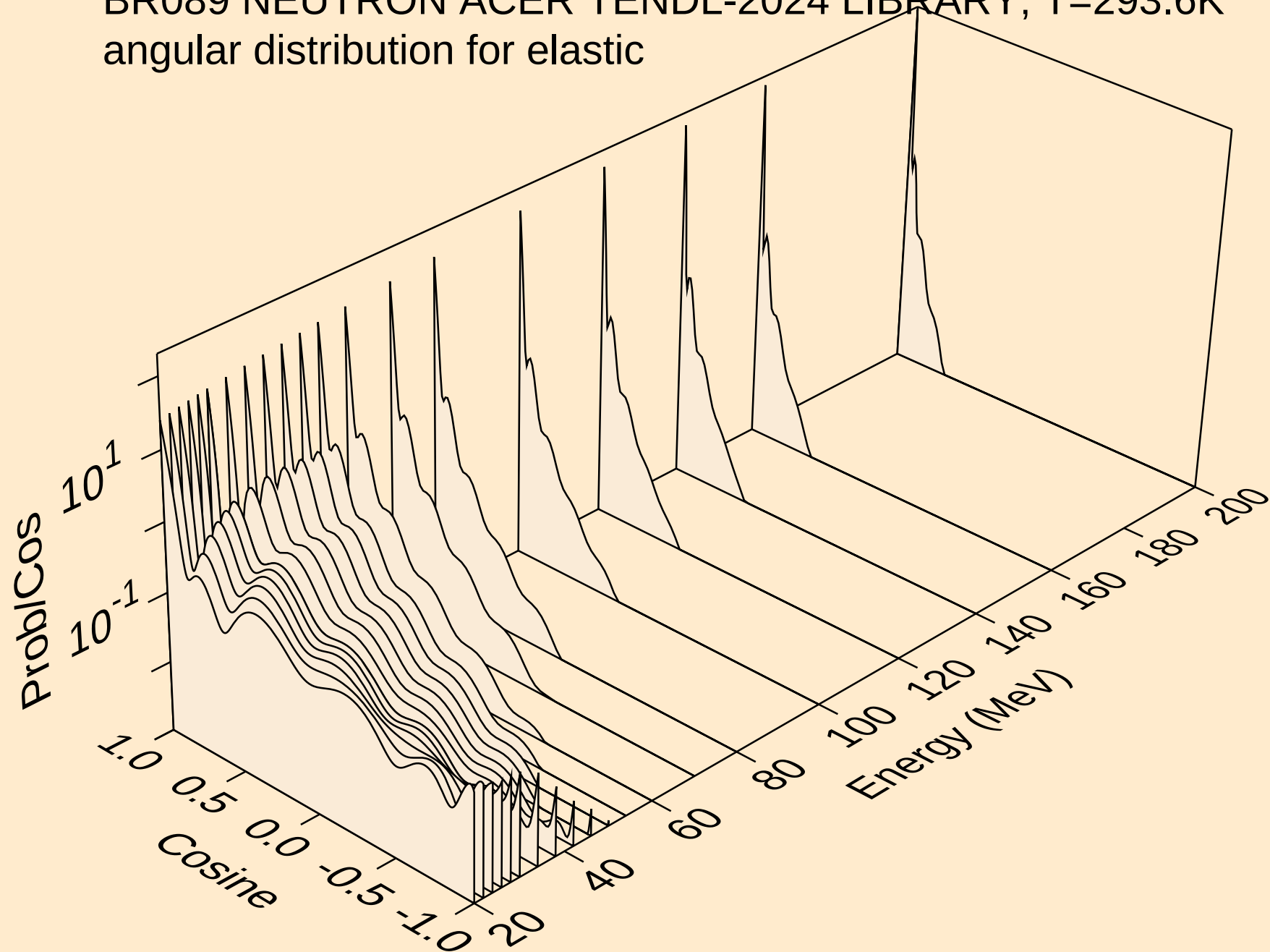
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Threshold reactions



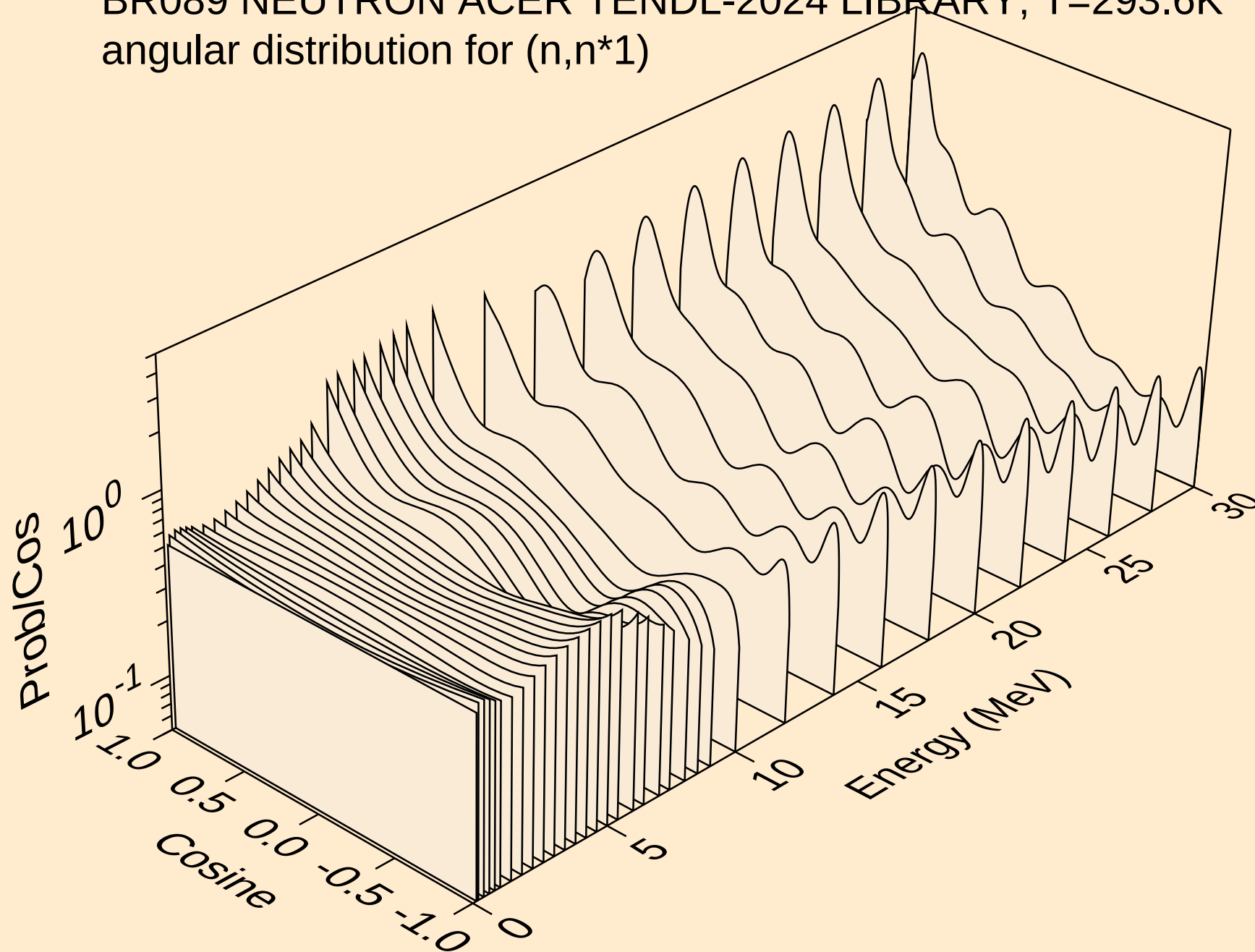
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angular distribution for elastic



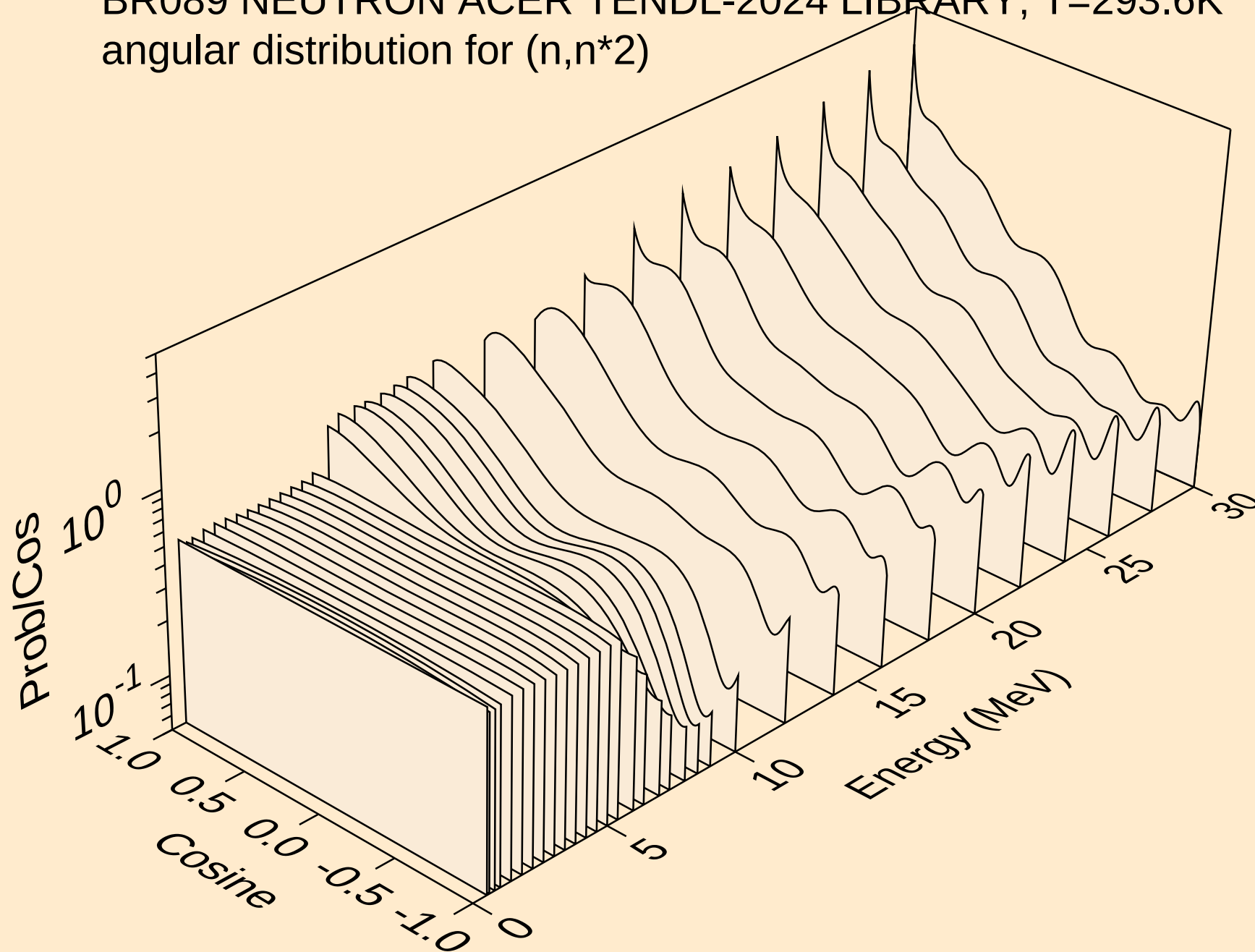
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angular distribution for elastic



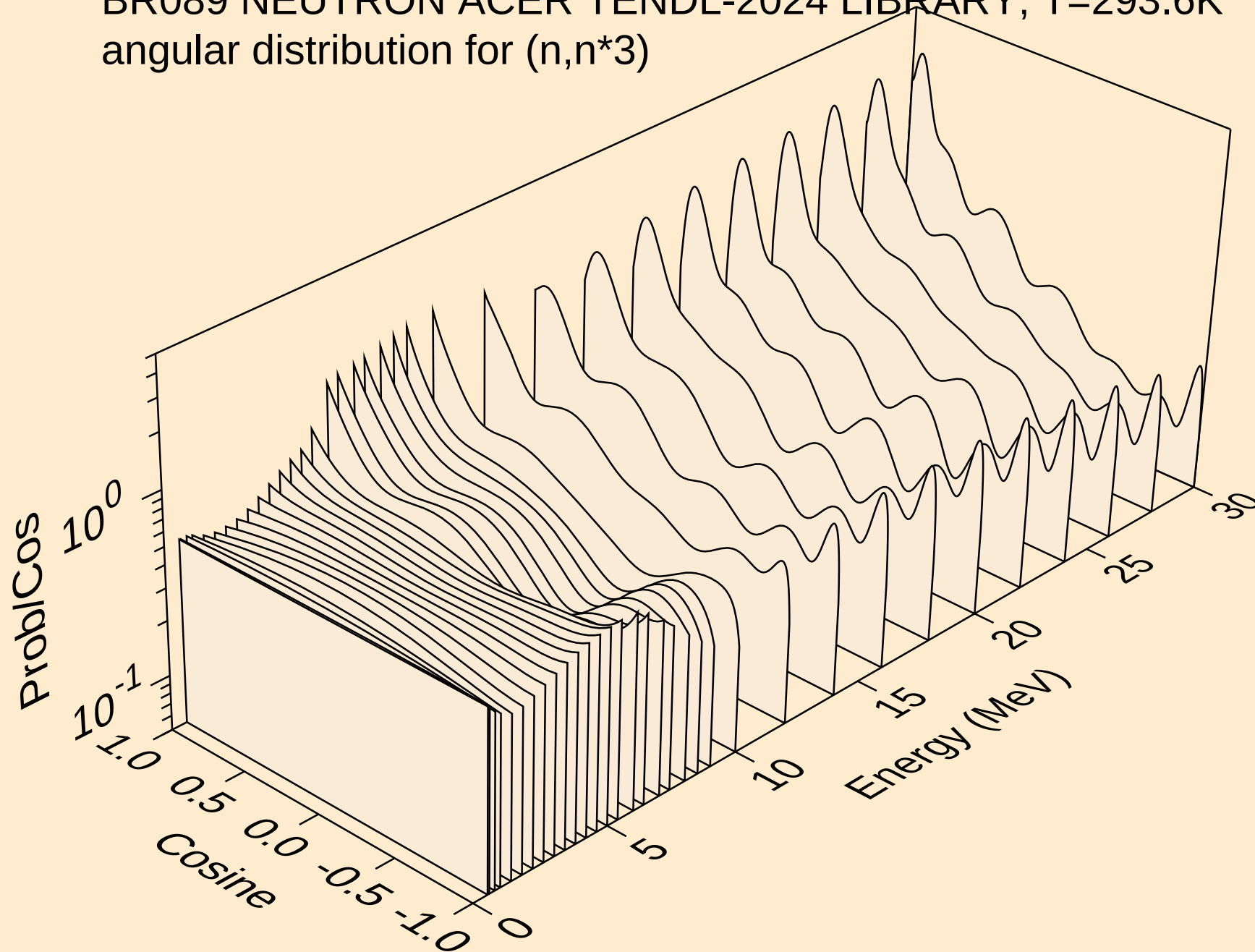
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angular distribution for (n,n*1)



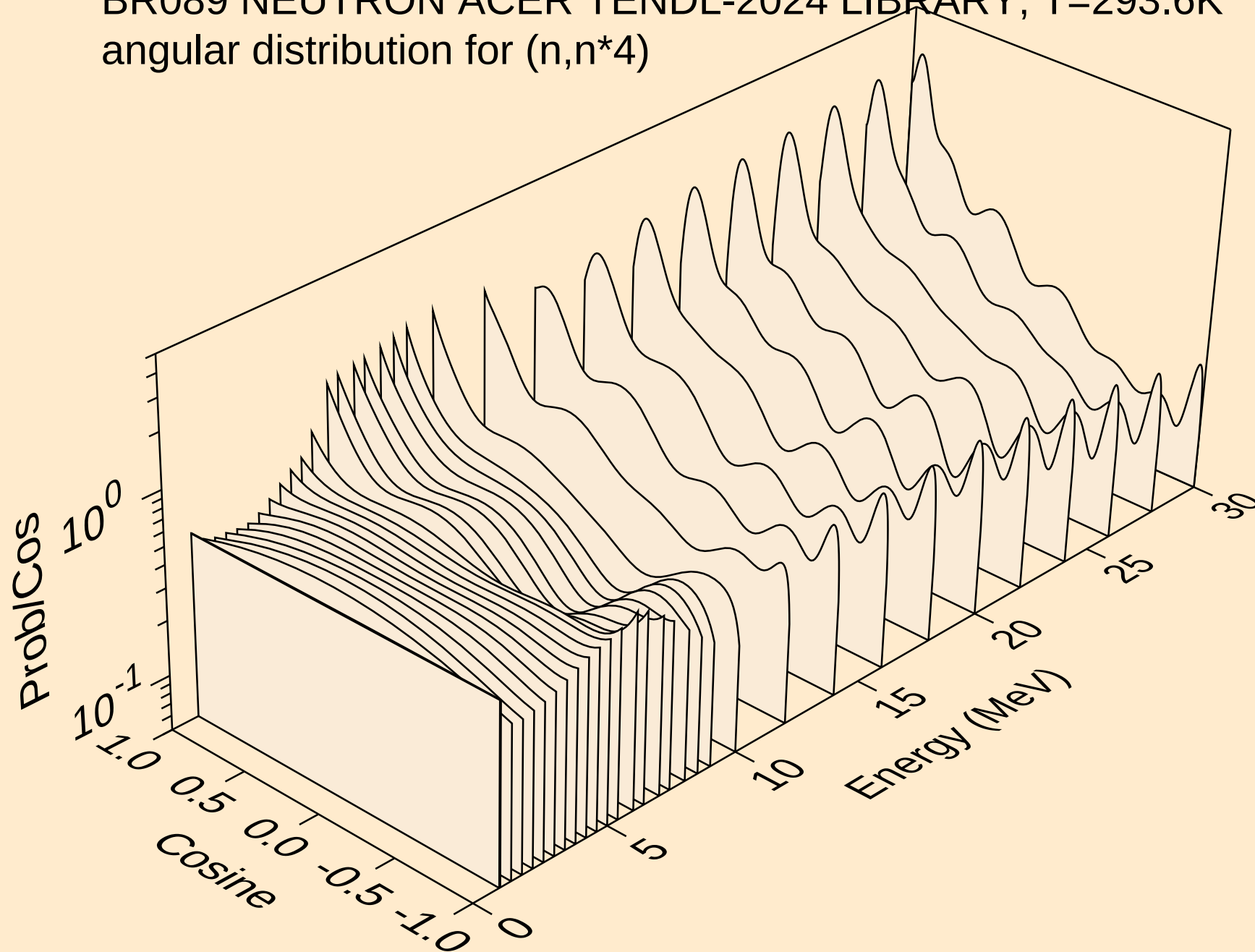
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angular distribution for (n,n*2)



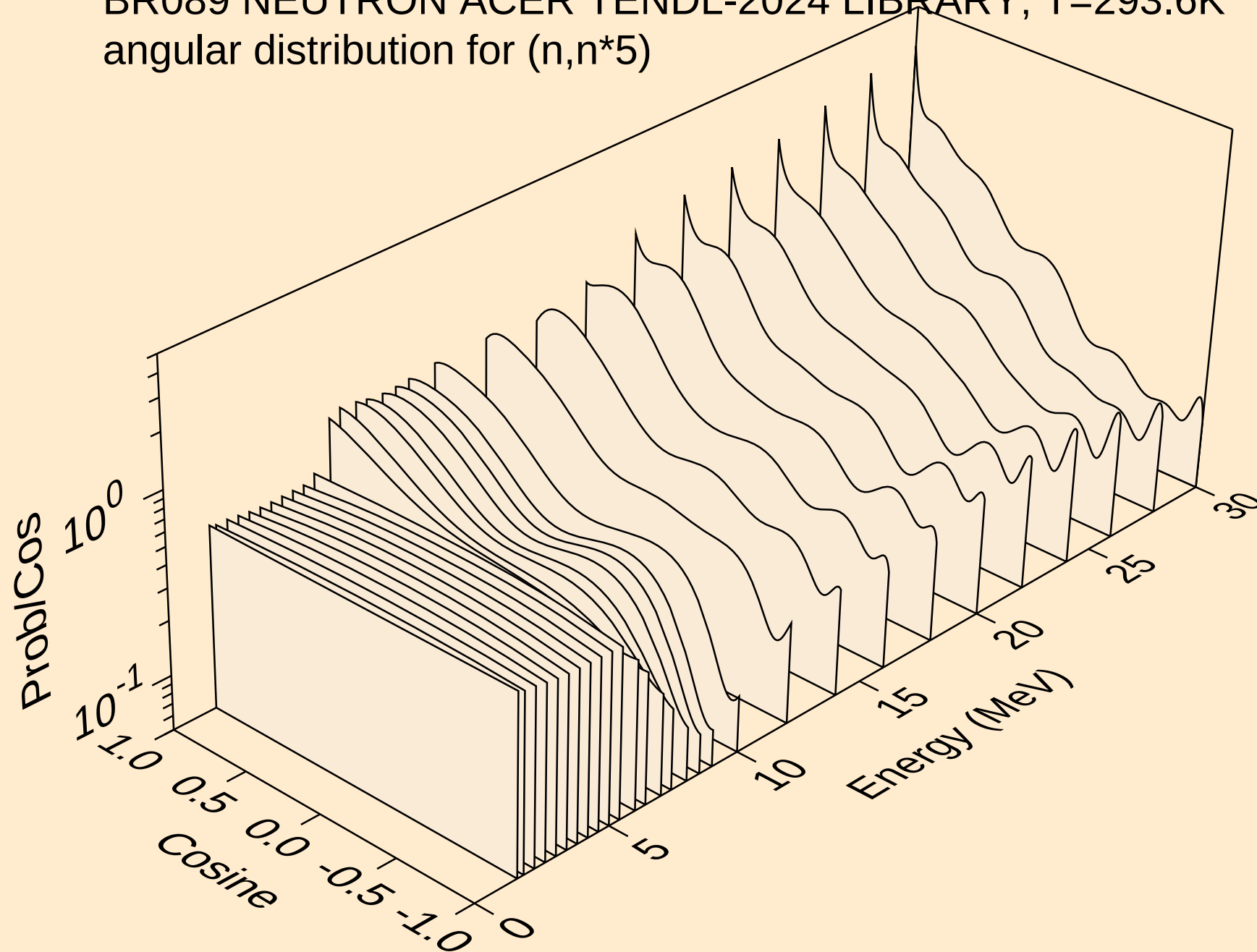
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angular distribution for (n,n*3)



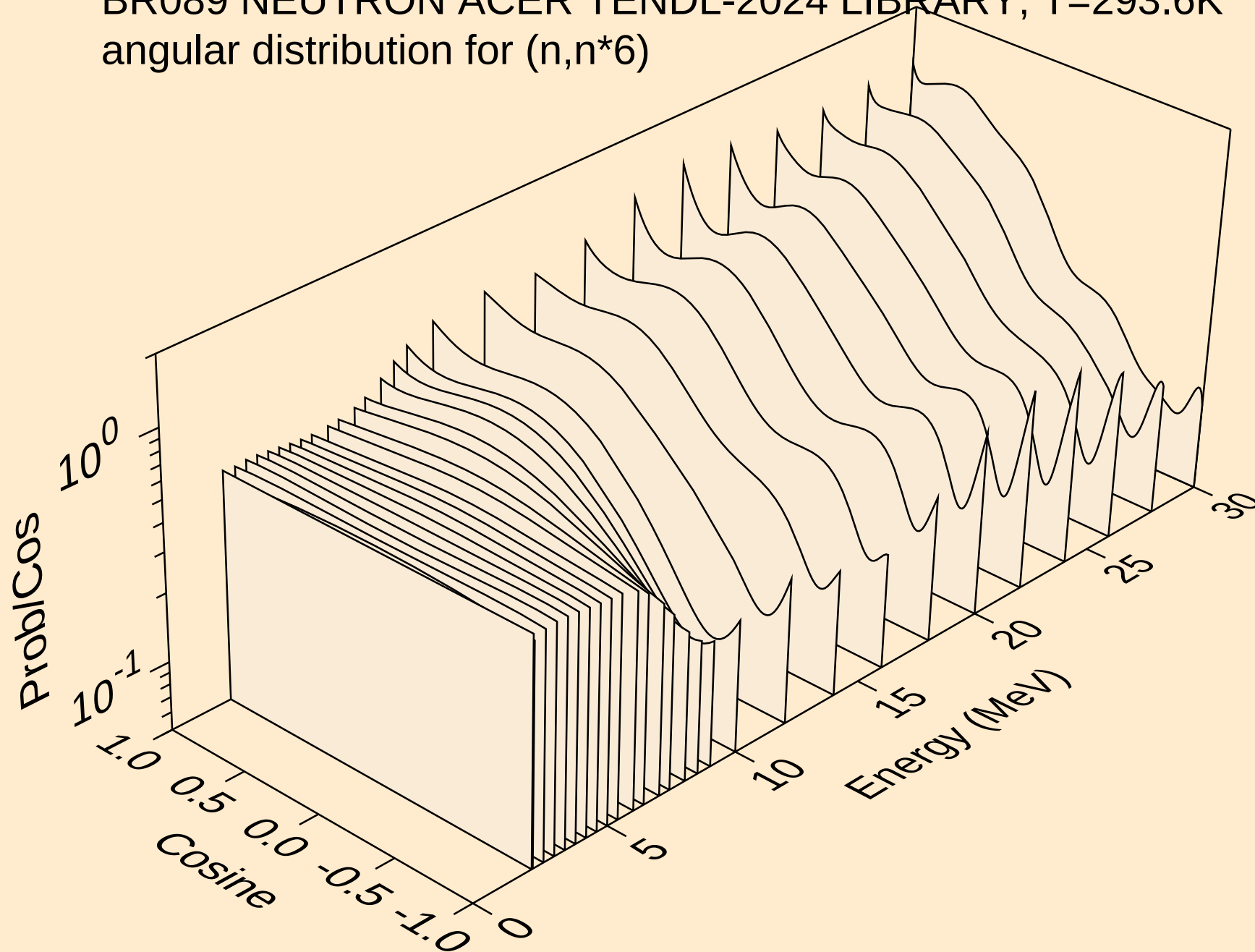
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angular distribution for (n,n*4)



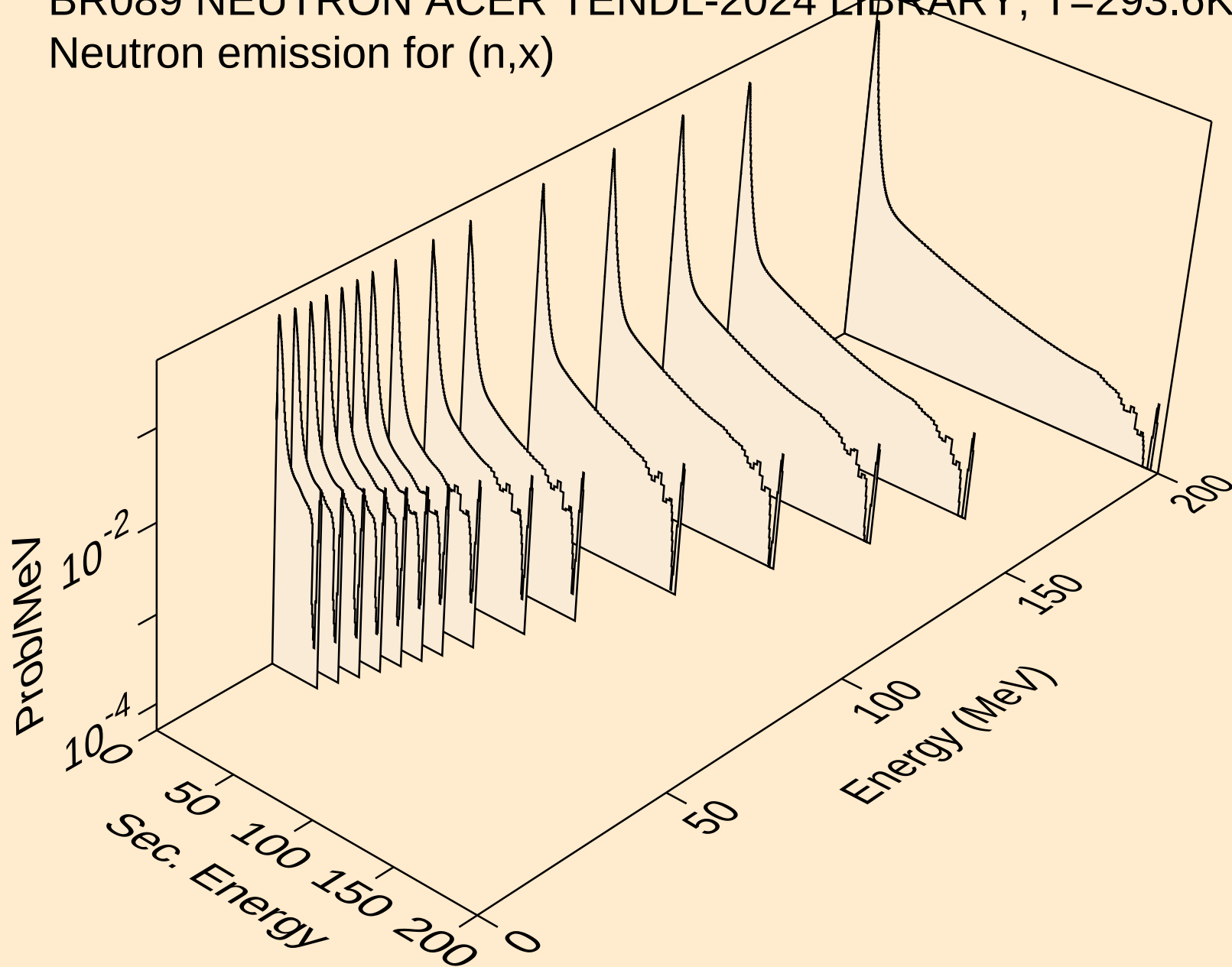
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angular distribution for (n,n*5)



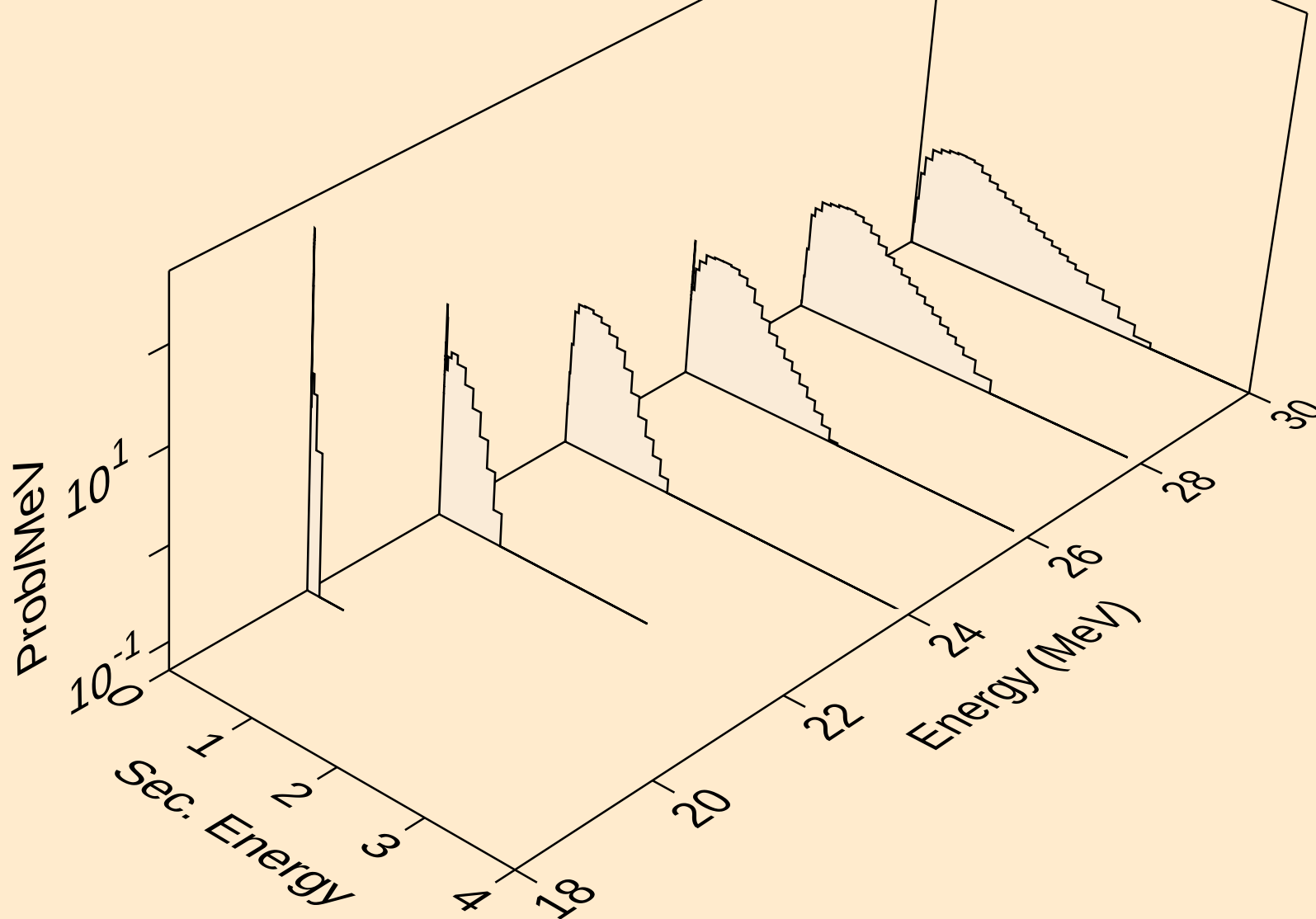
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angular distribution for (n,n*6)



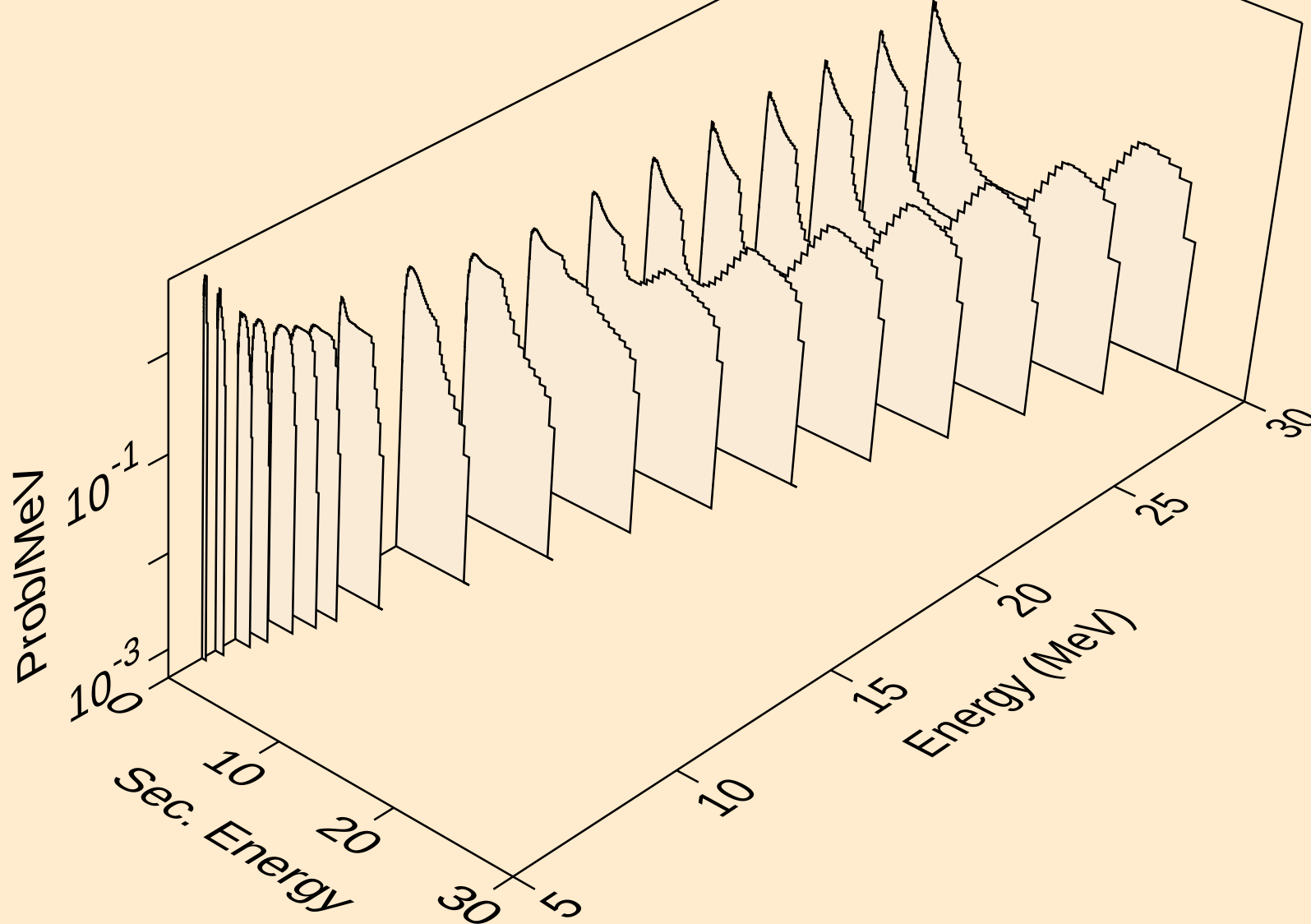
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Neutron emission for (n,x)



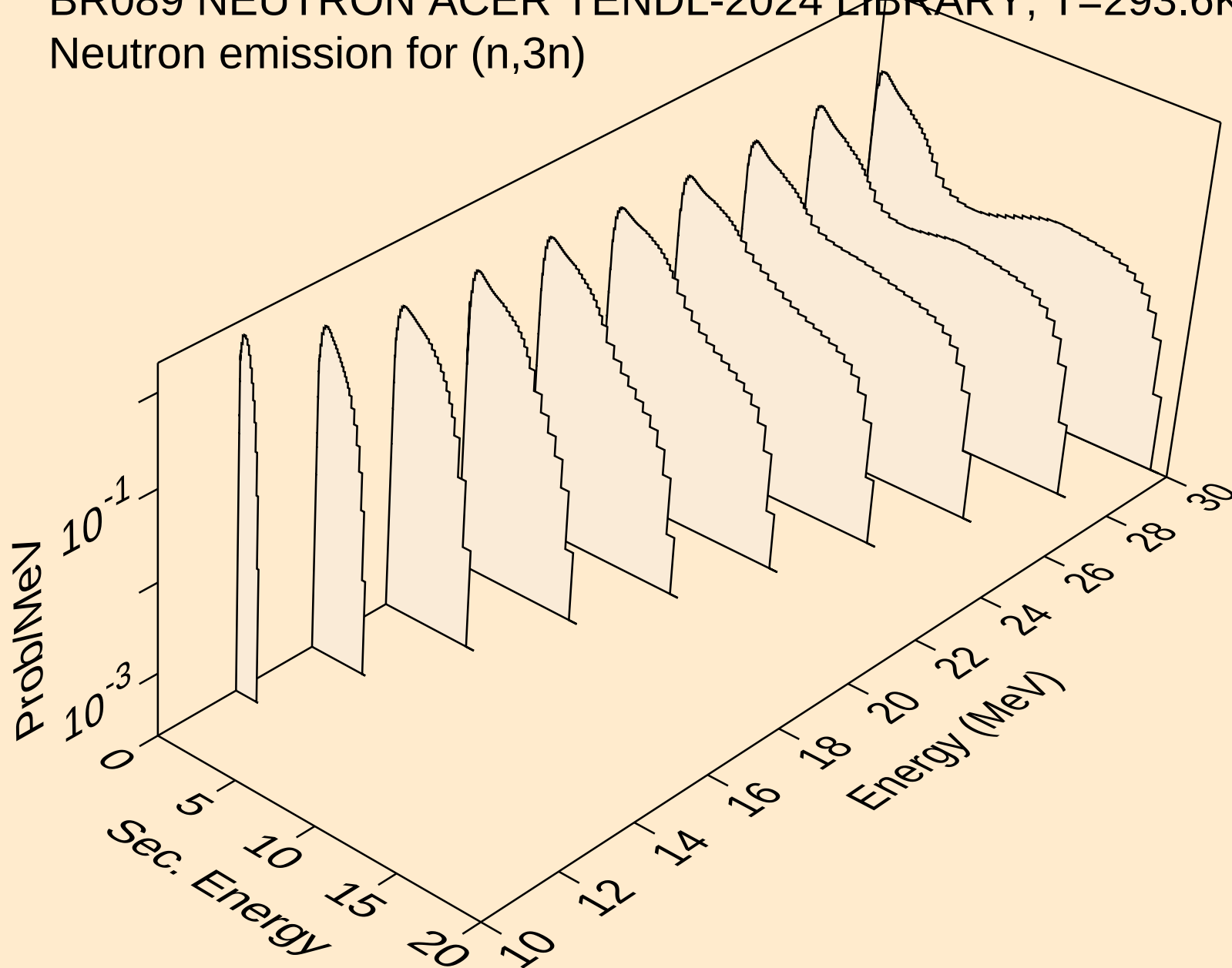
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



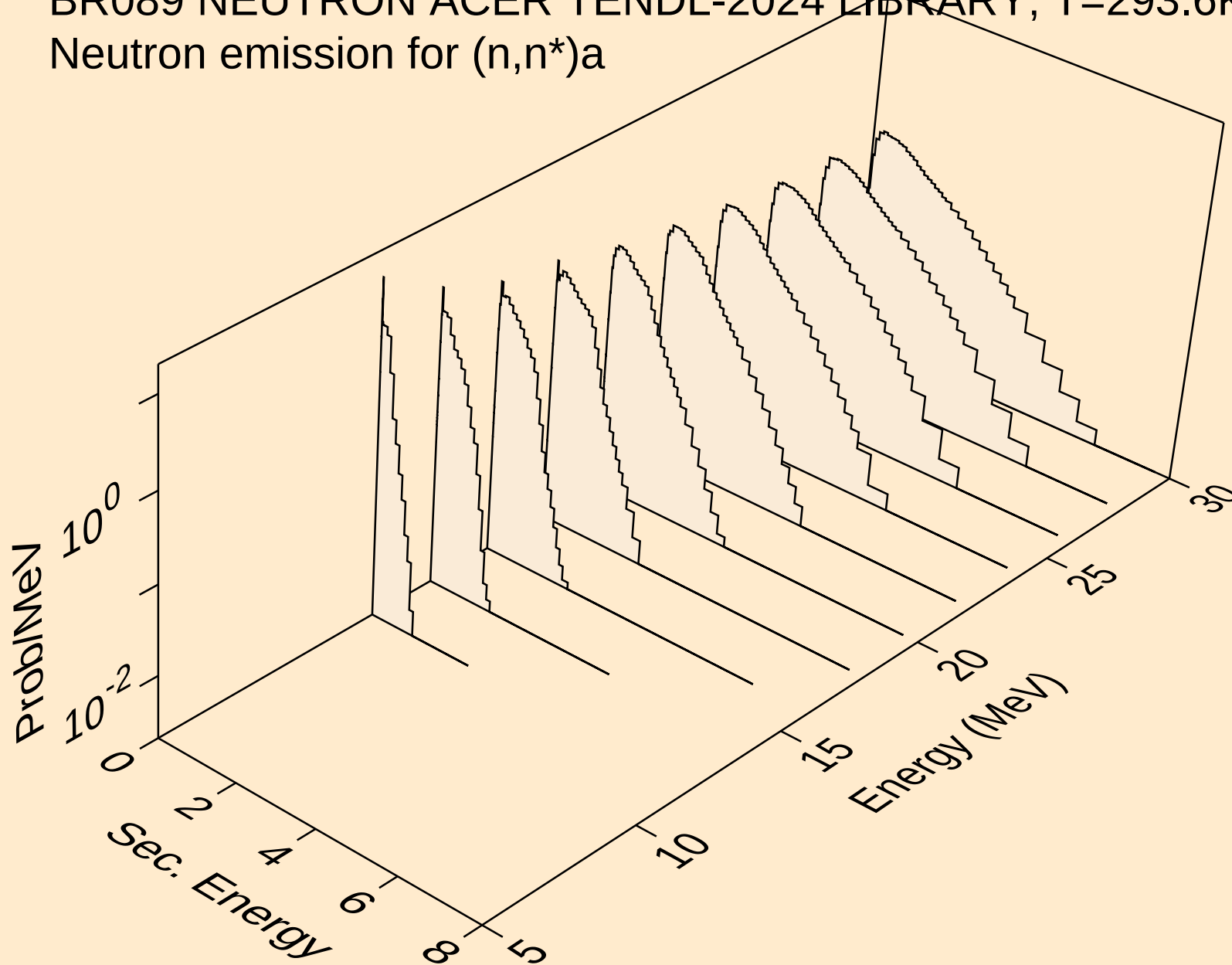
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Neutron emission for (n,2n)



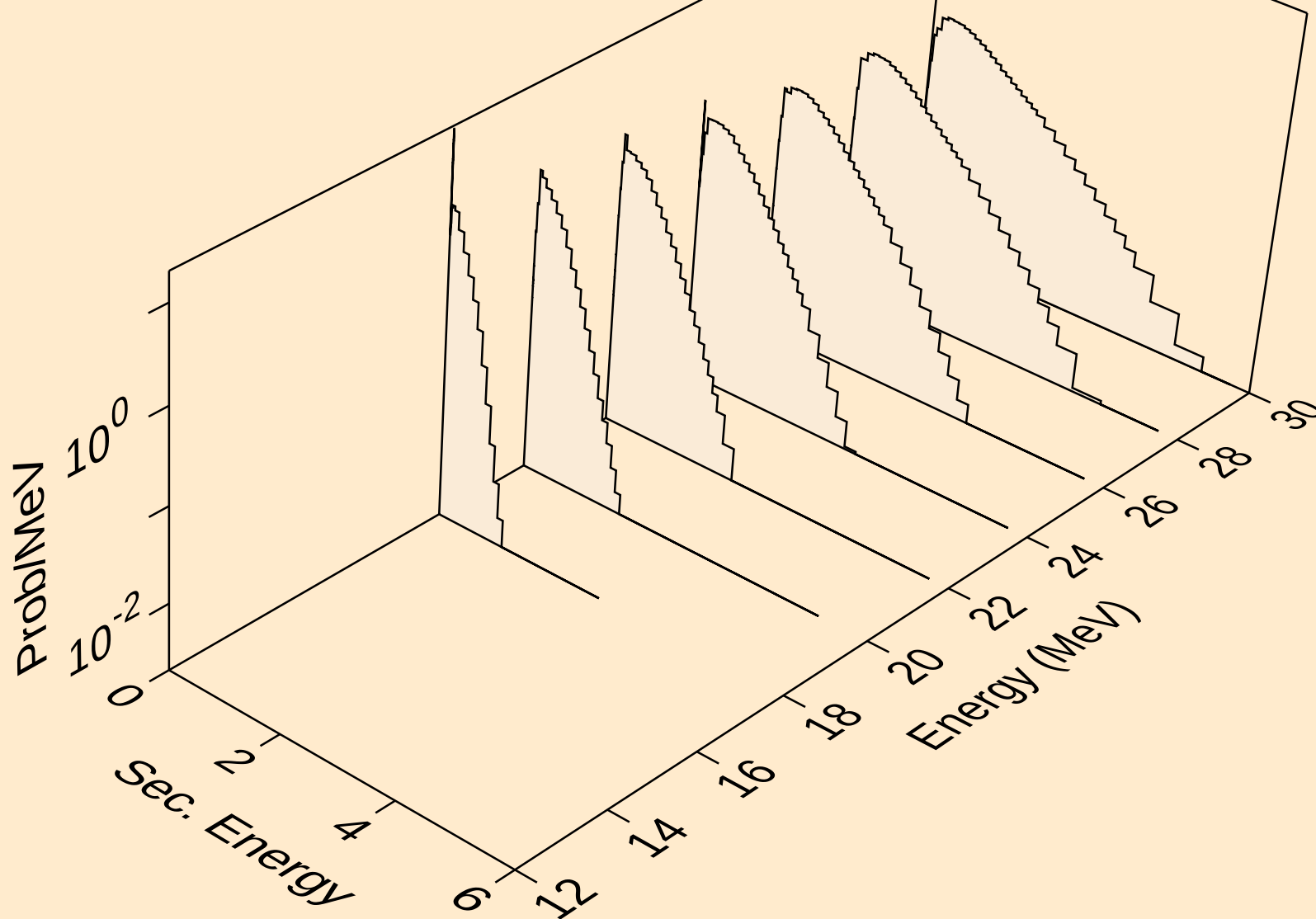
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Neutron emission for (n,3n)



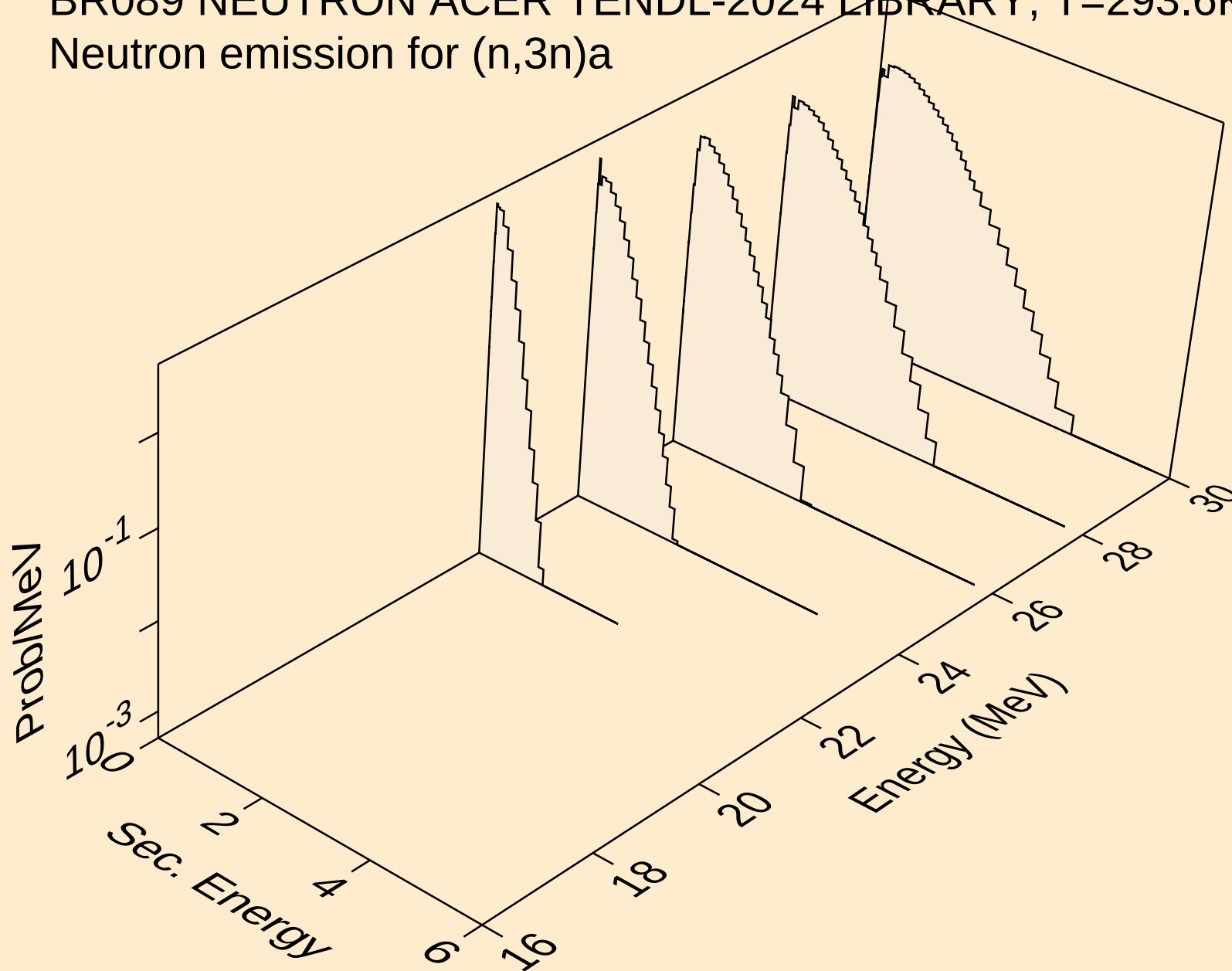
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Neutron emission for (n,n*)a



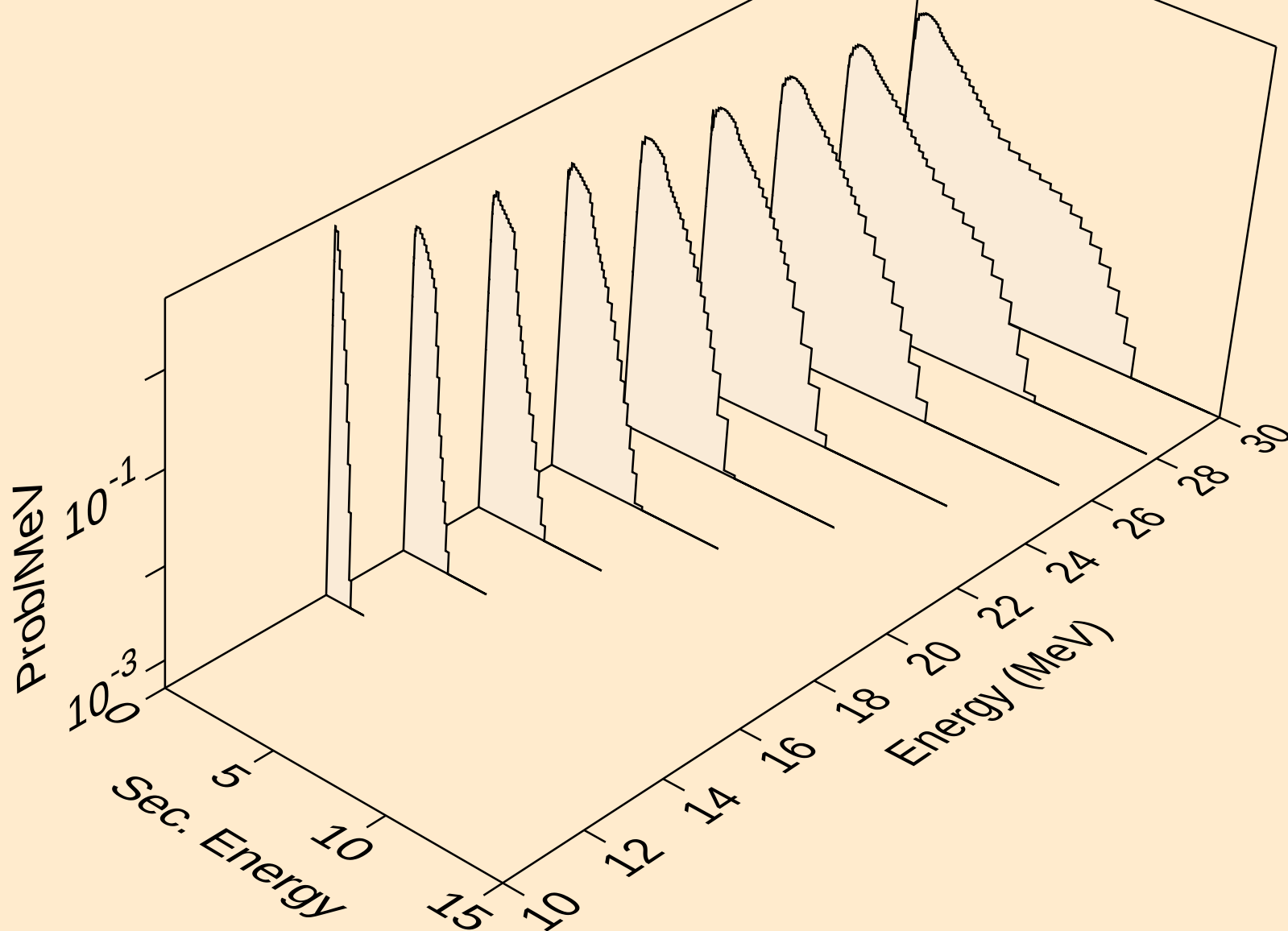
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Neutron emission for (n,2n)_a



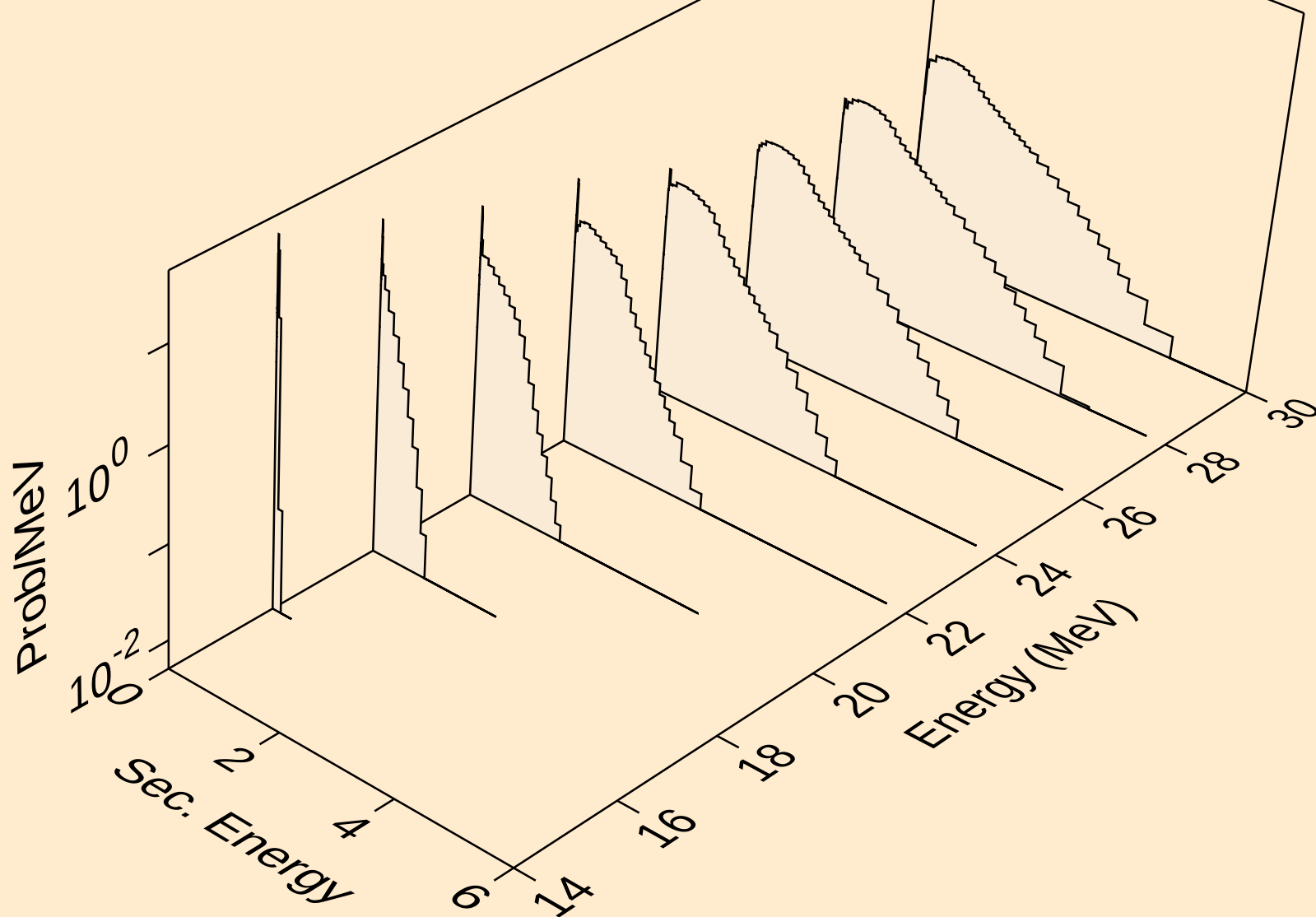
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Neutron emission for (n,3n)a



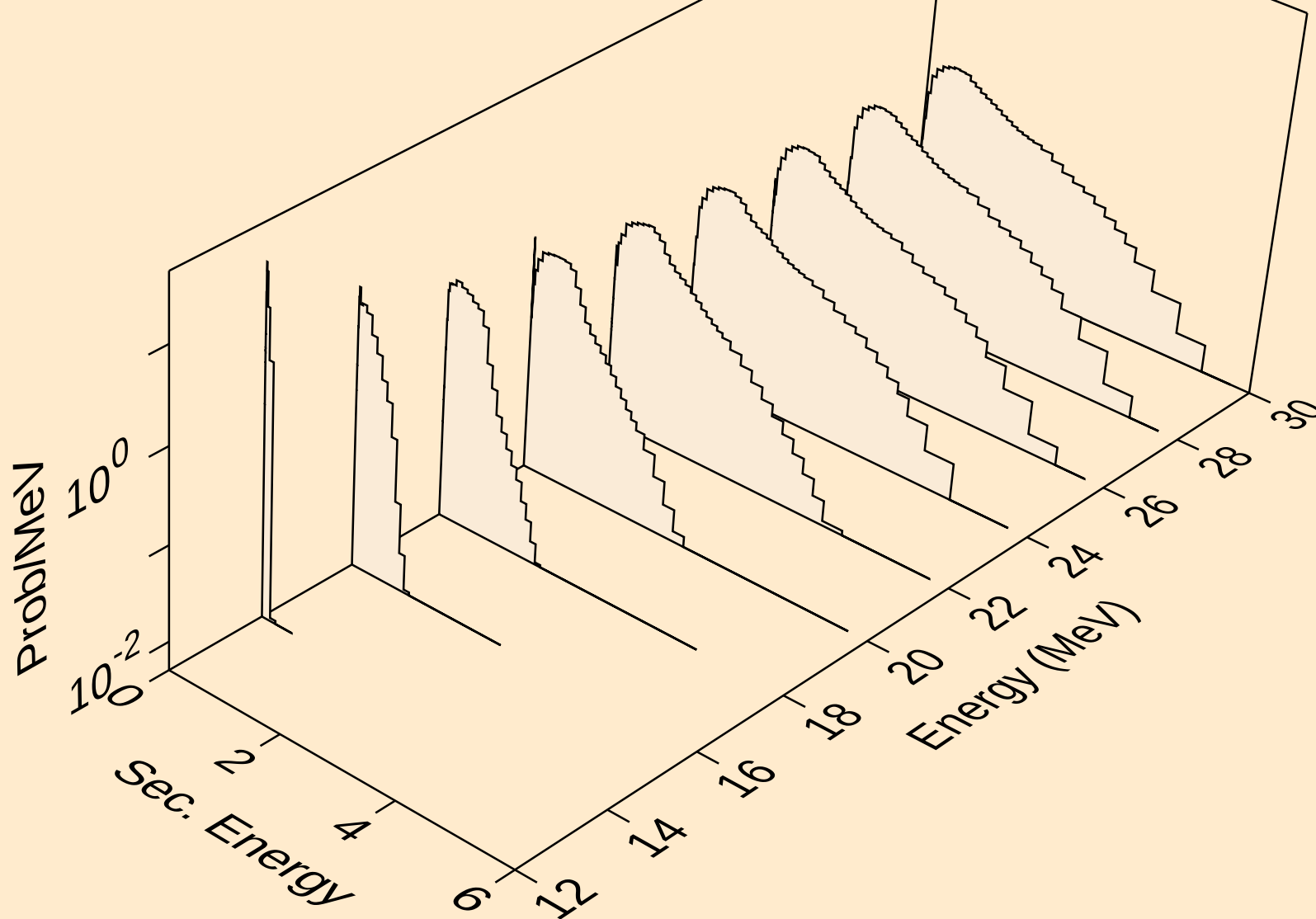
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Neutron emission for (n,n*)p



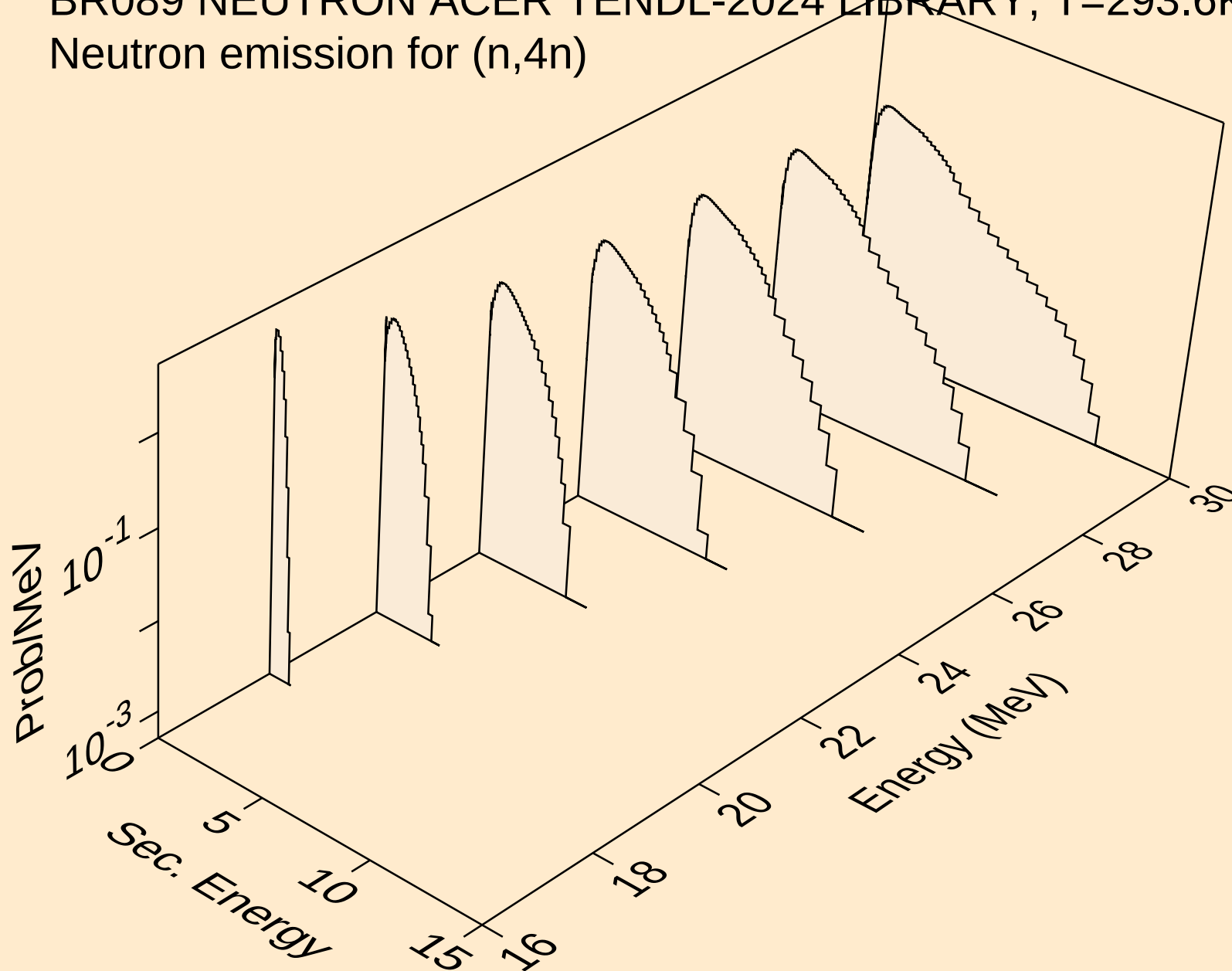
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Neutron emission for (n,n*)d



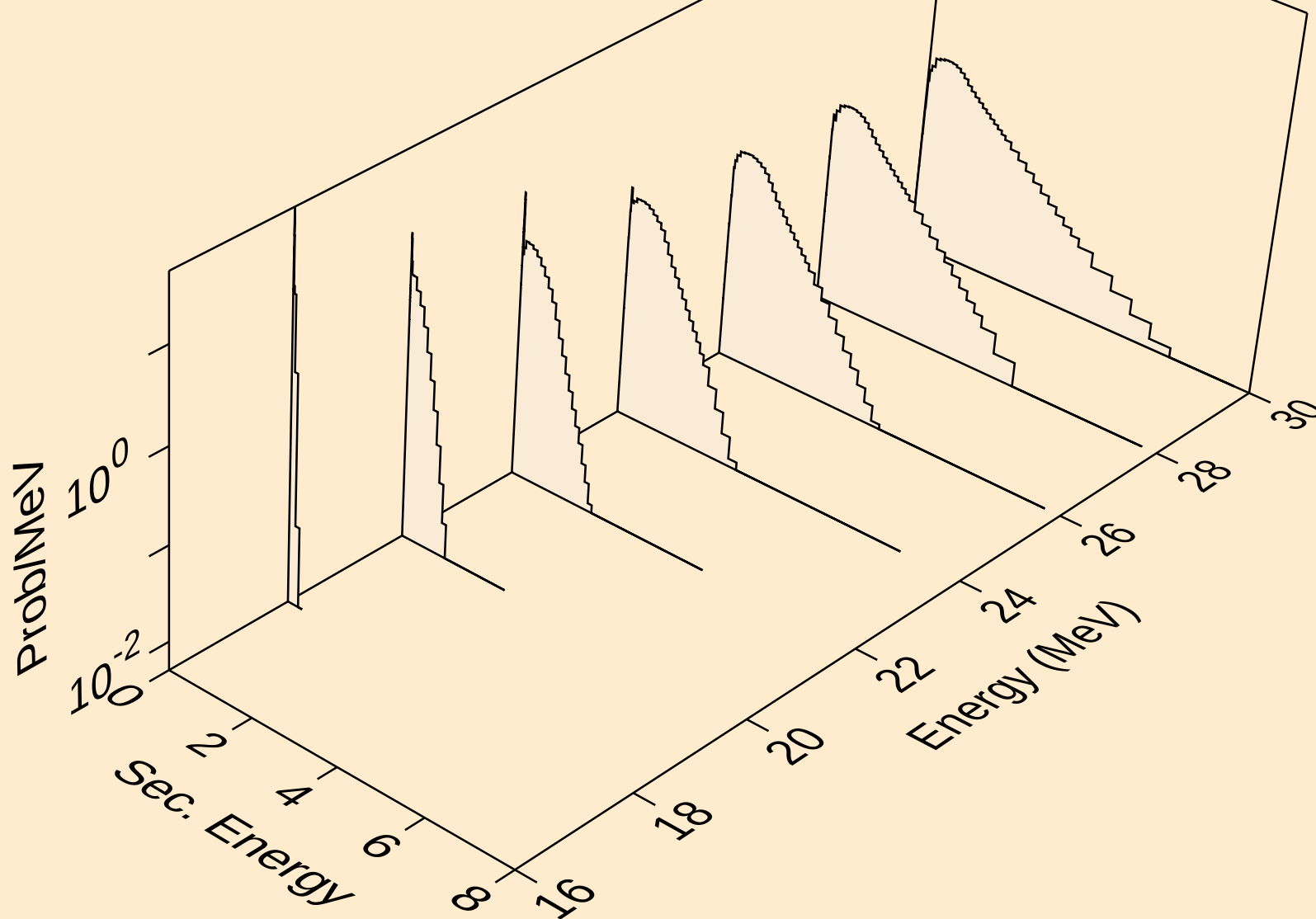
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



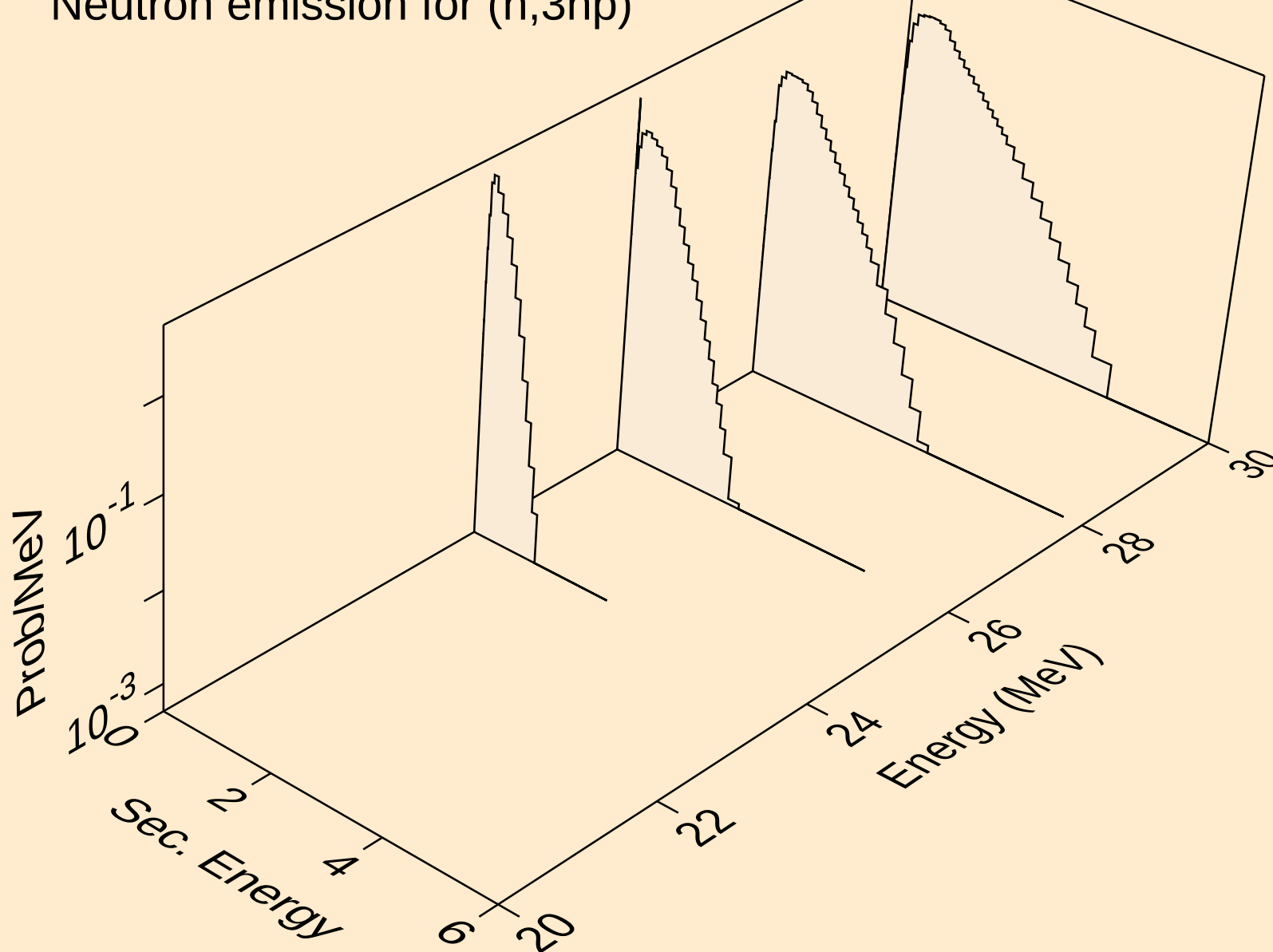
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



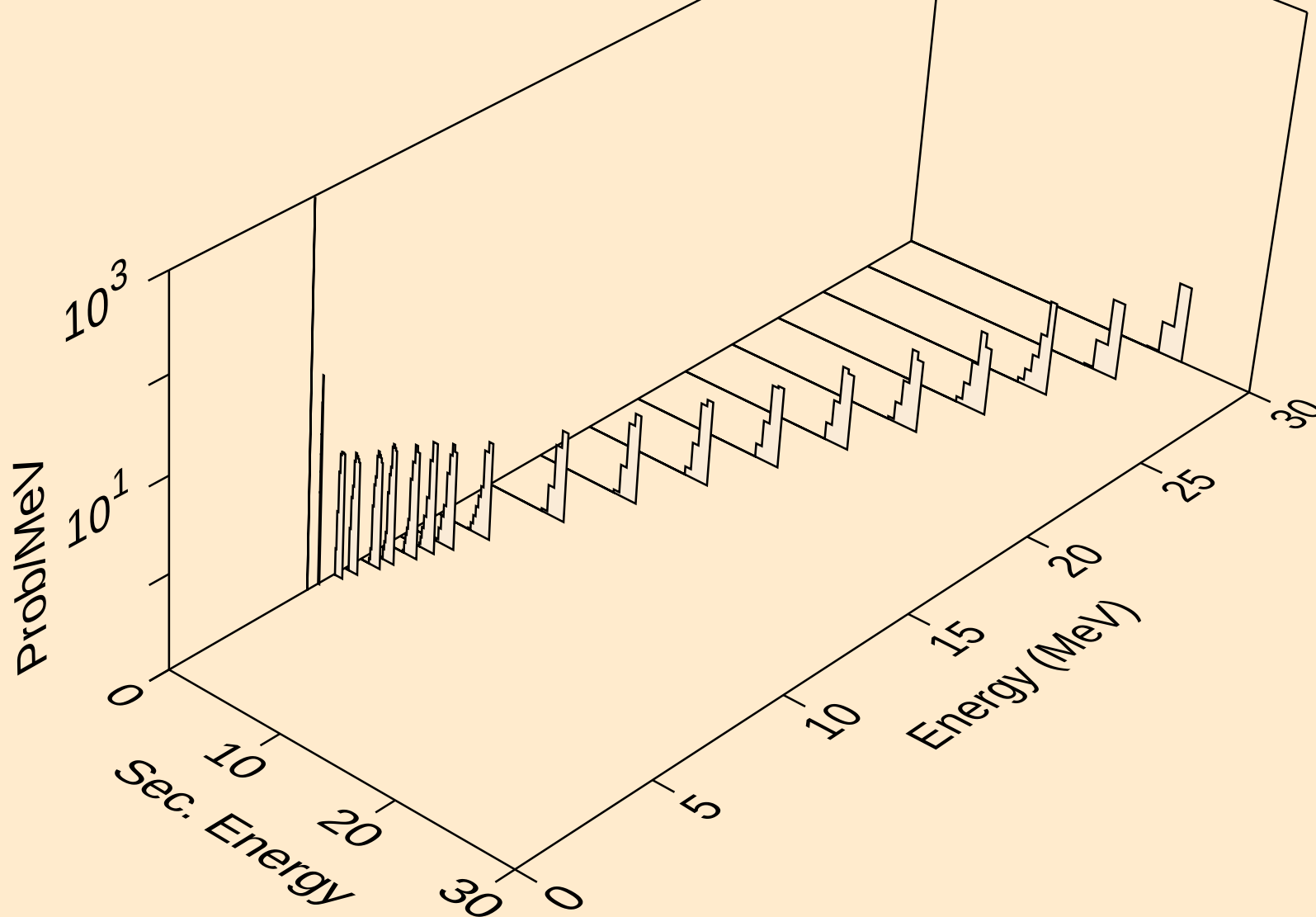
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Neutron emission for (n,2np)



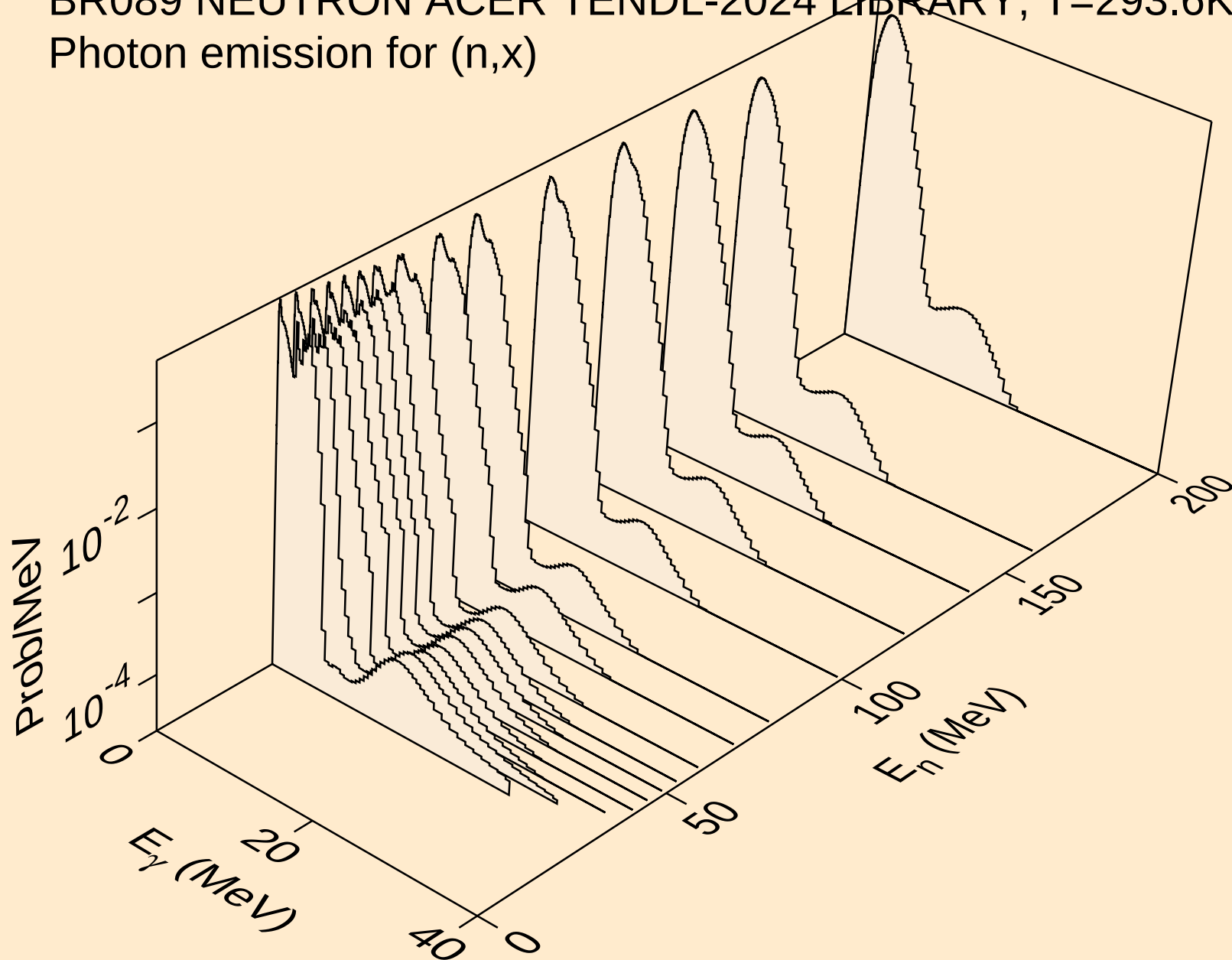
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Neutron emission for (n,3np)



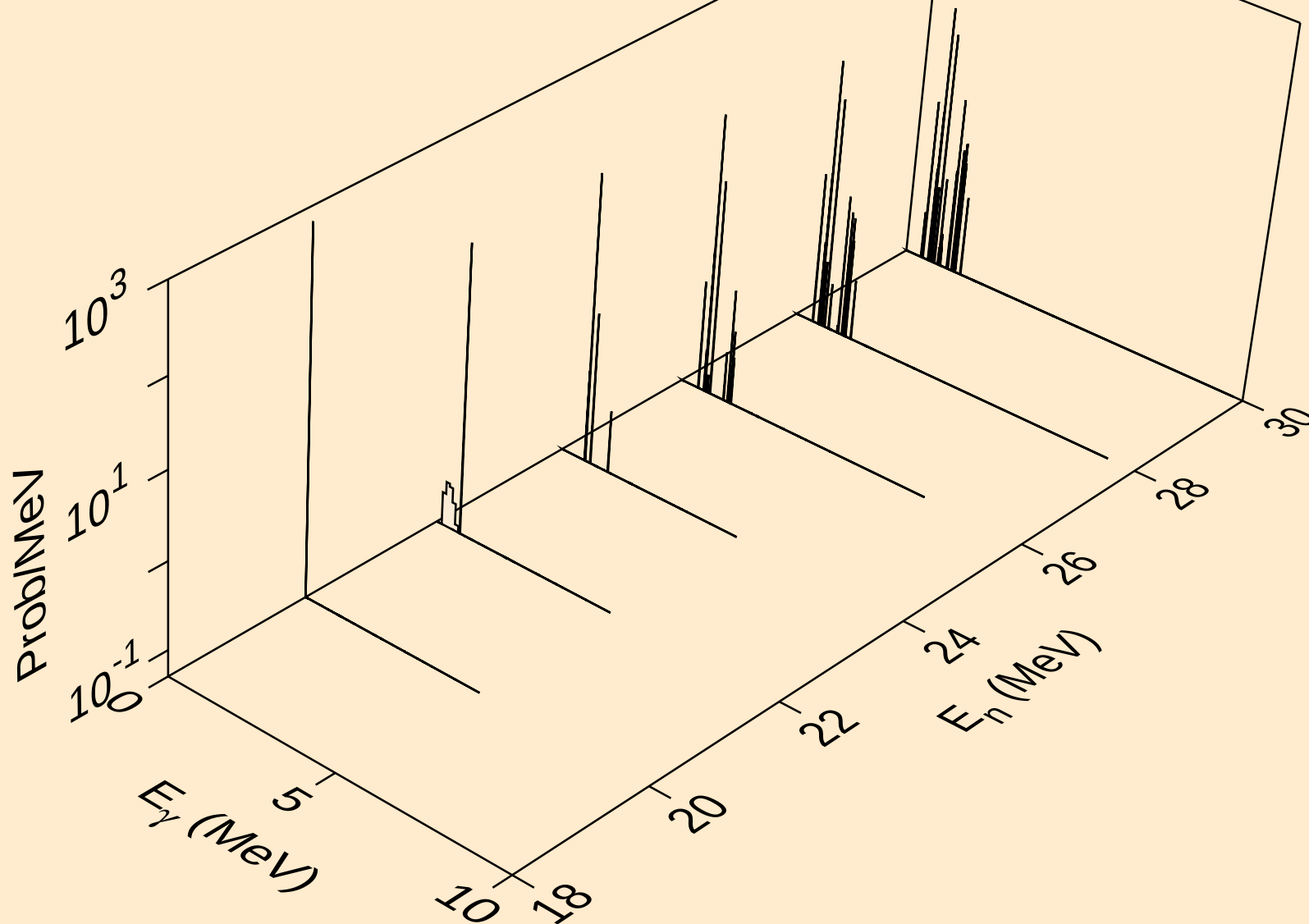
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Neutron emission for (n,n*c)



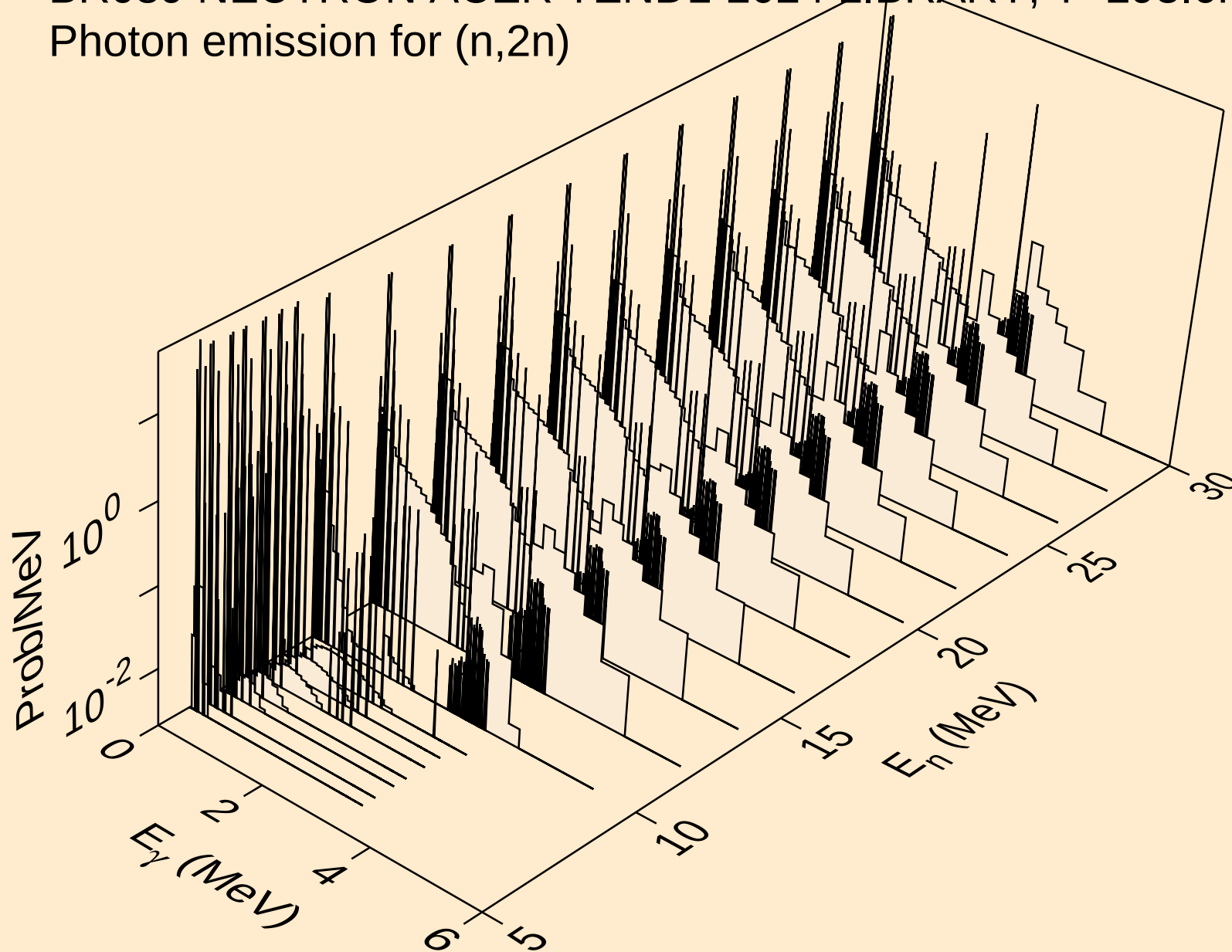
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Photon emission for (n,x)



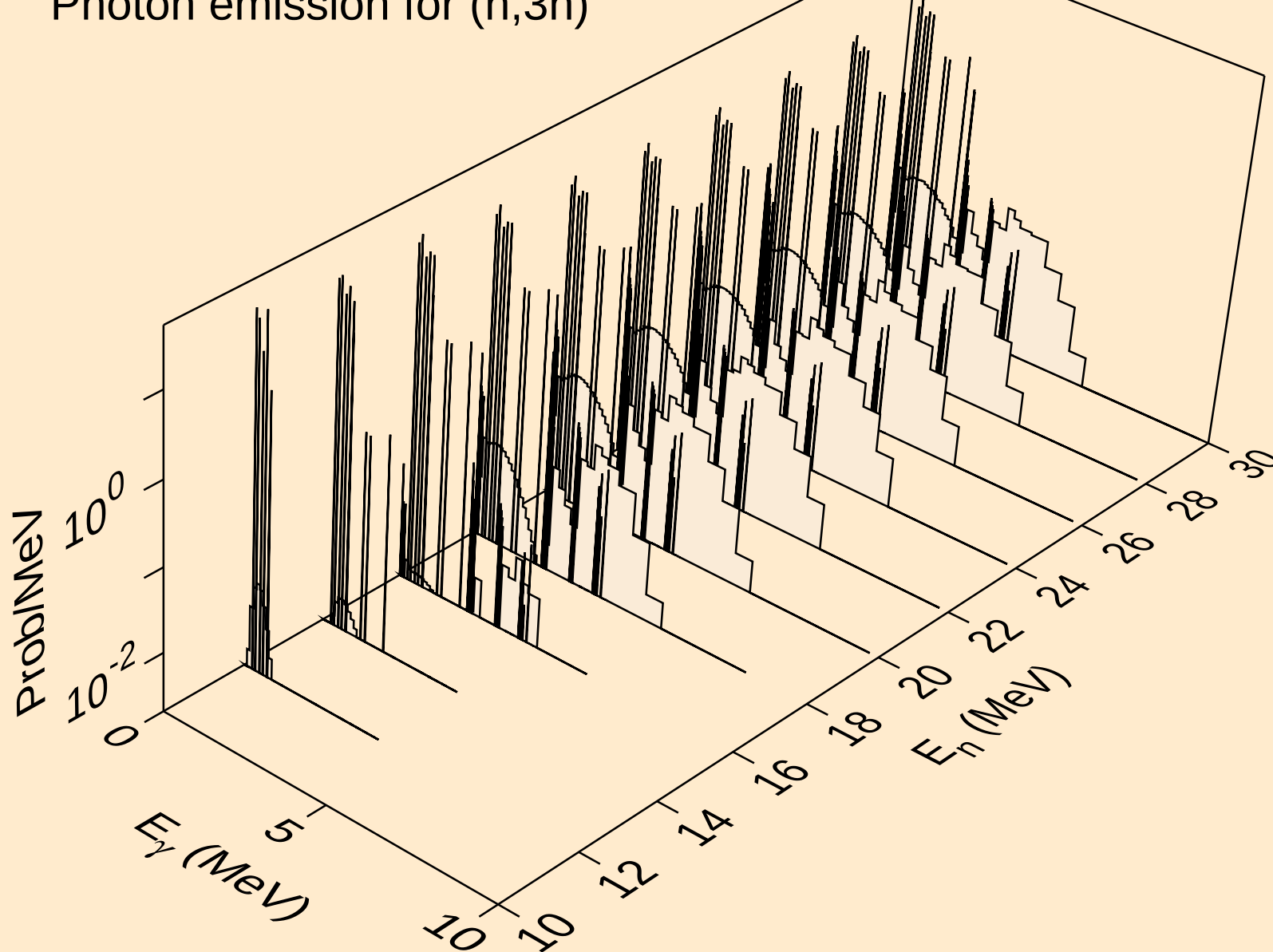
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Photon emission for (n,2nd)



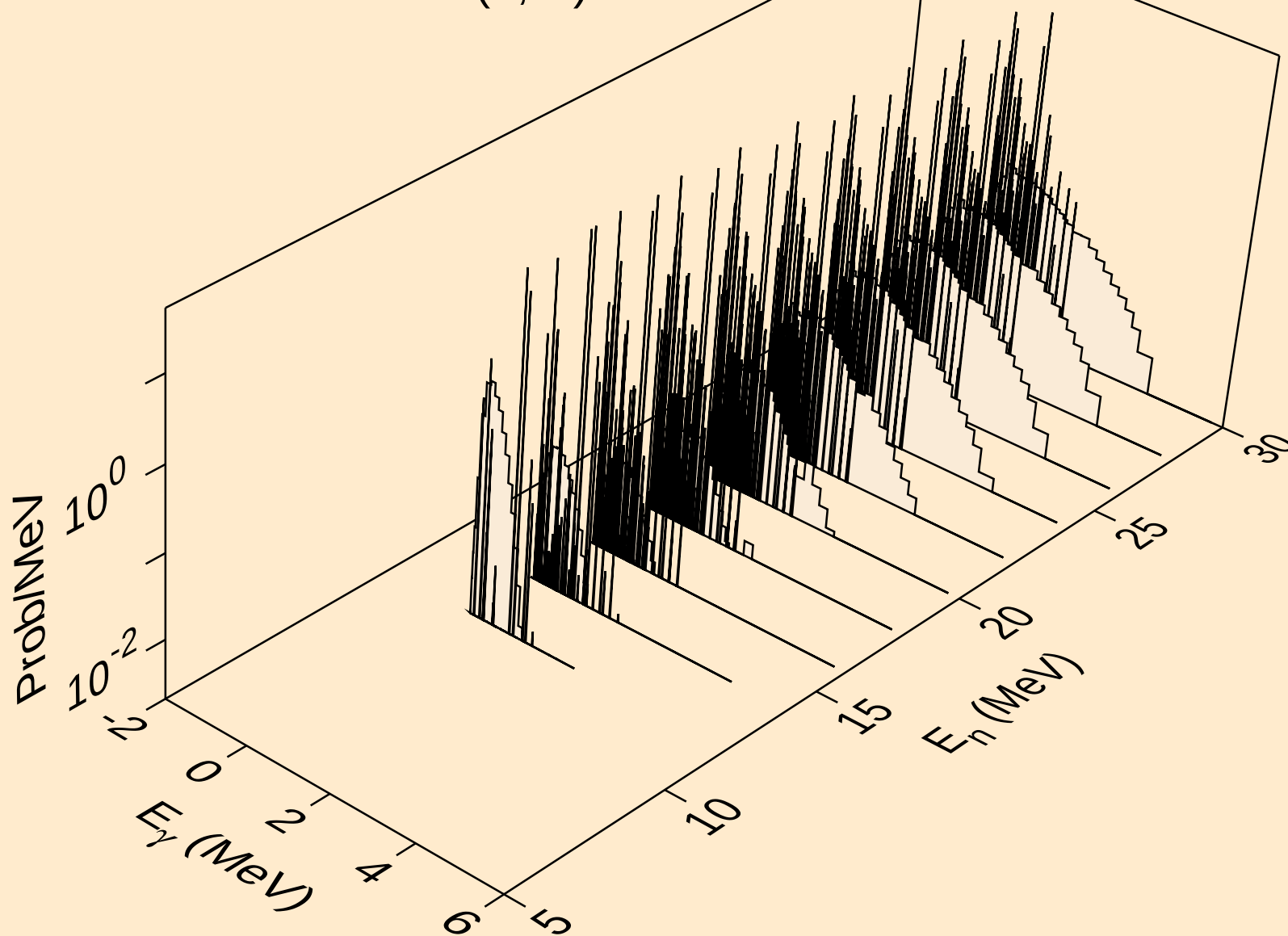
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Photon emission for (n,2n)



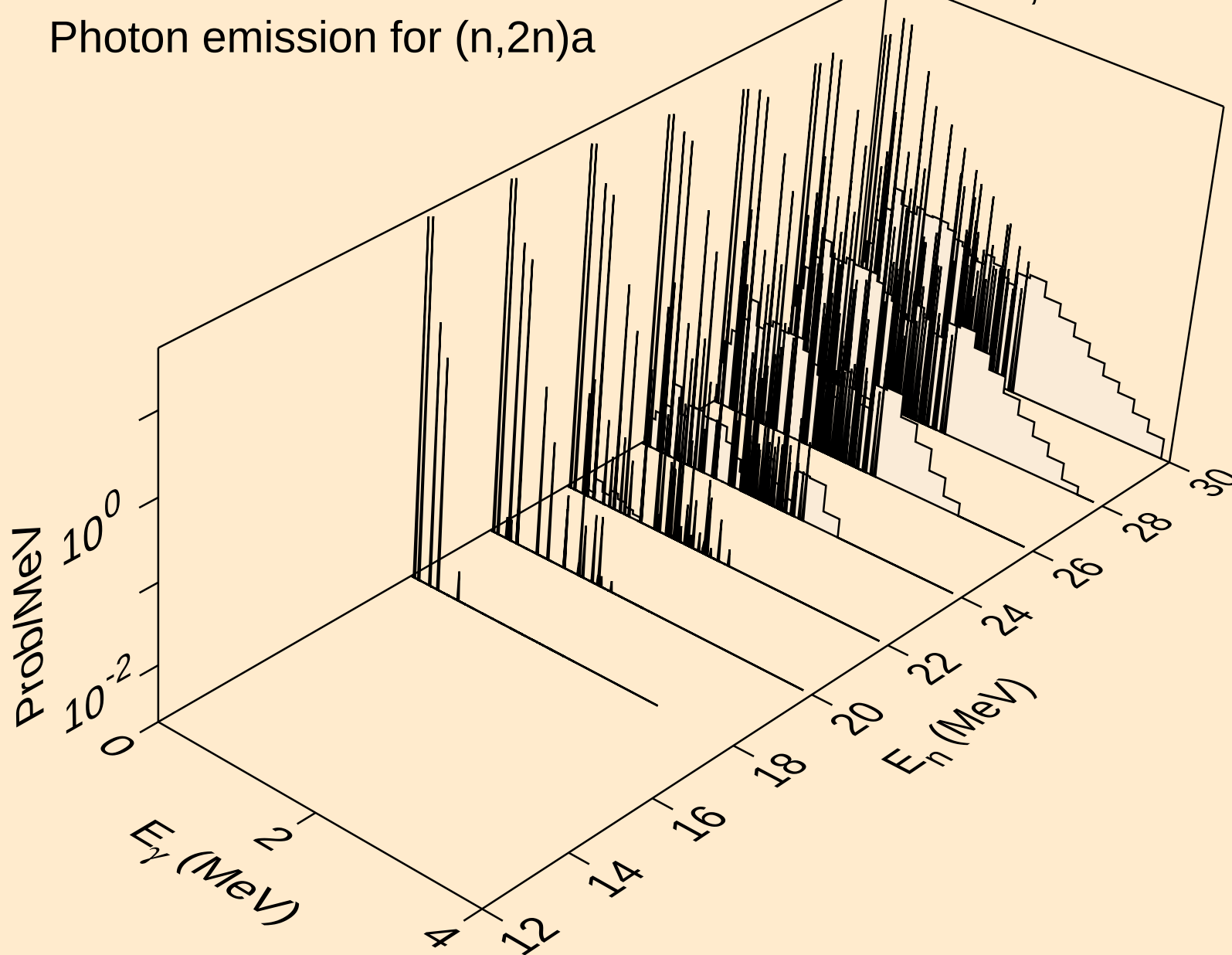
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Photon emission for (n,3n)



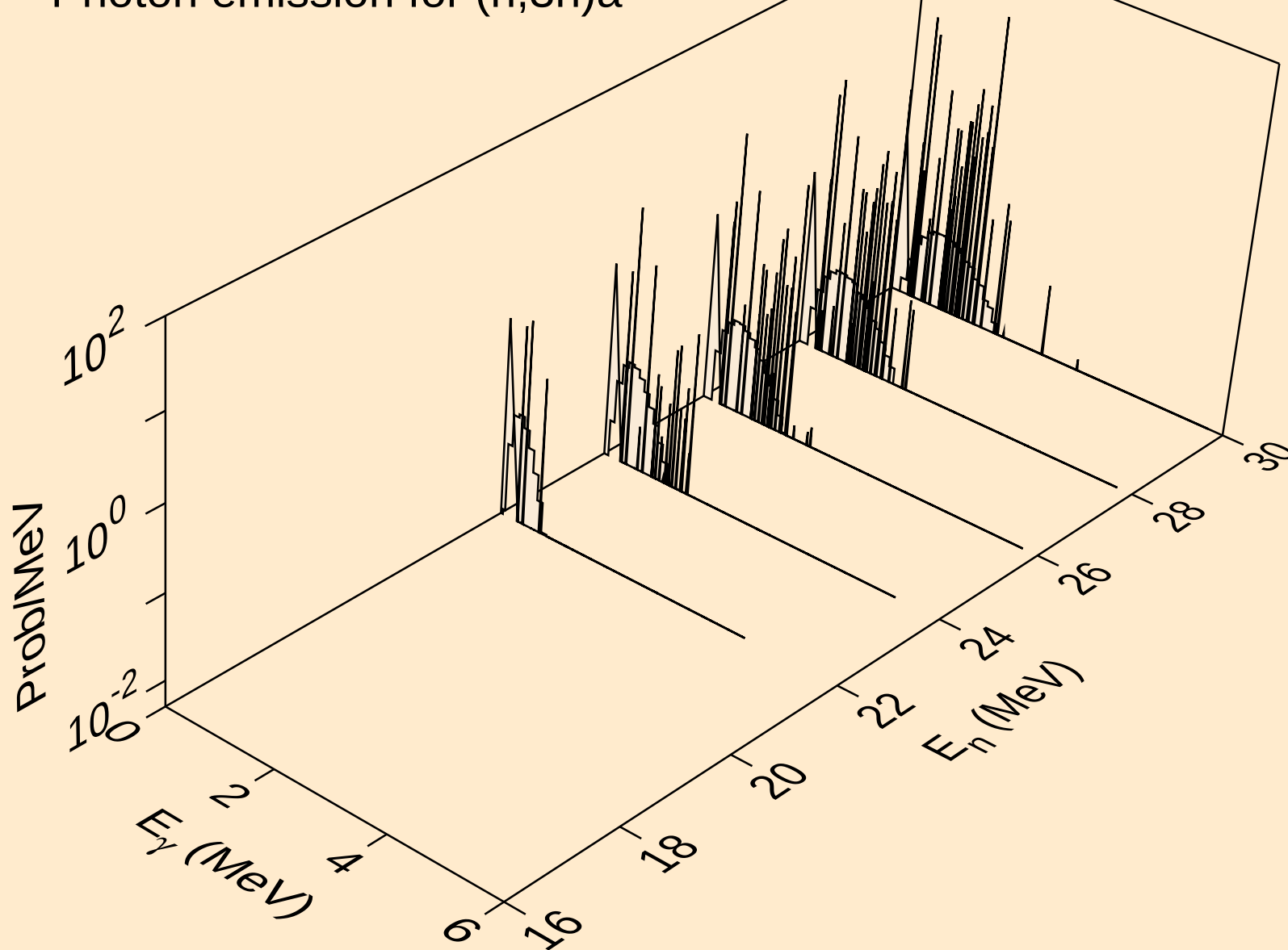
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Photon emission for (n,n*)a



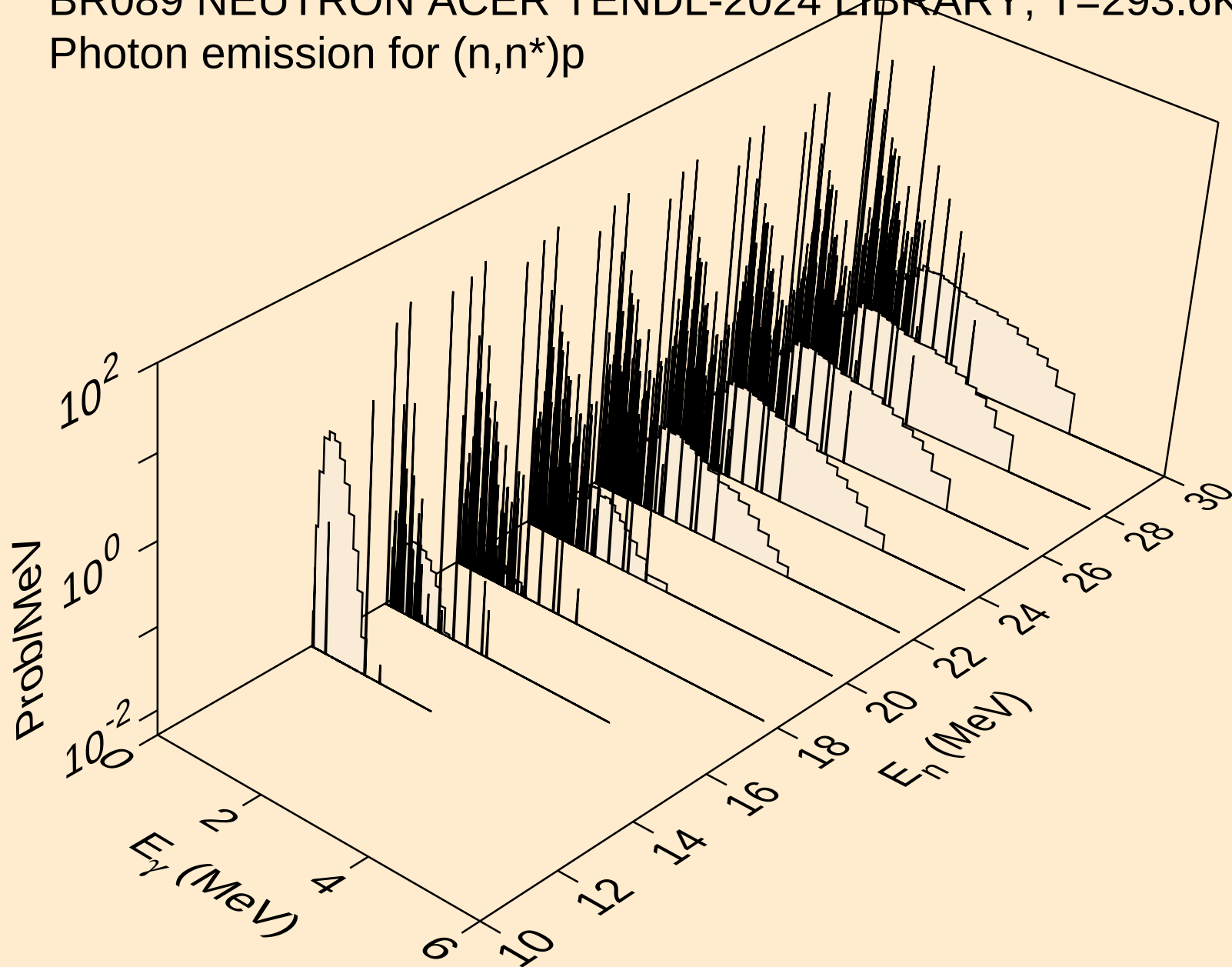
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Photon emission for (n,2n) α



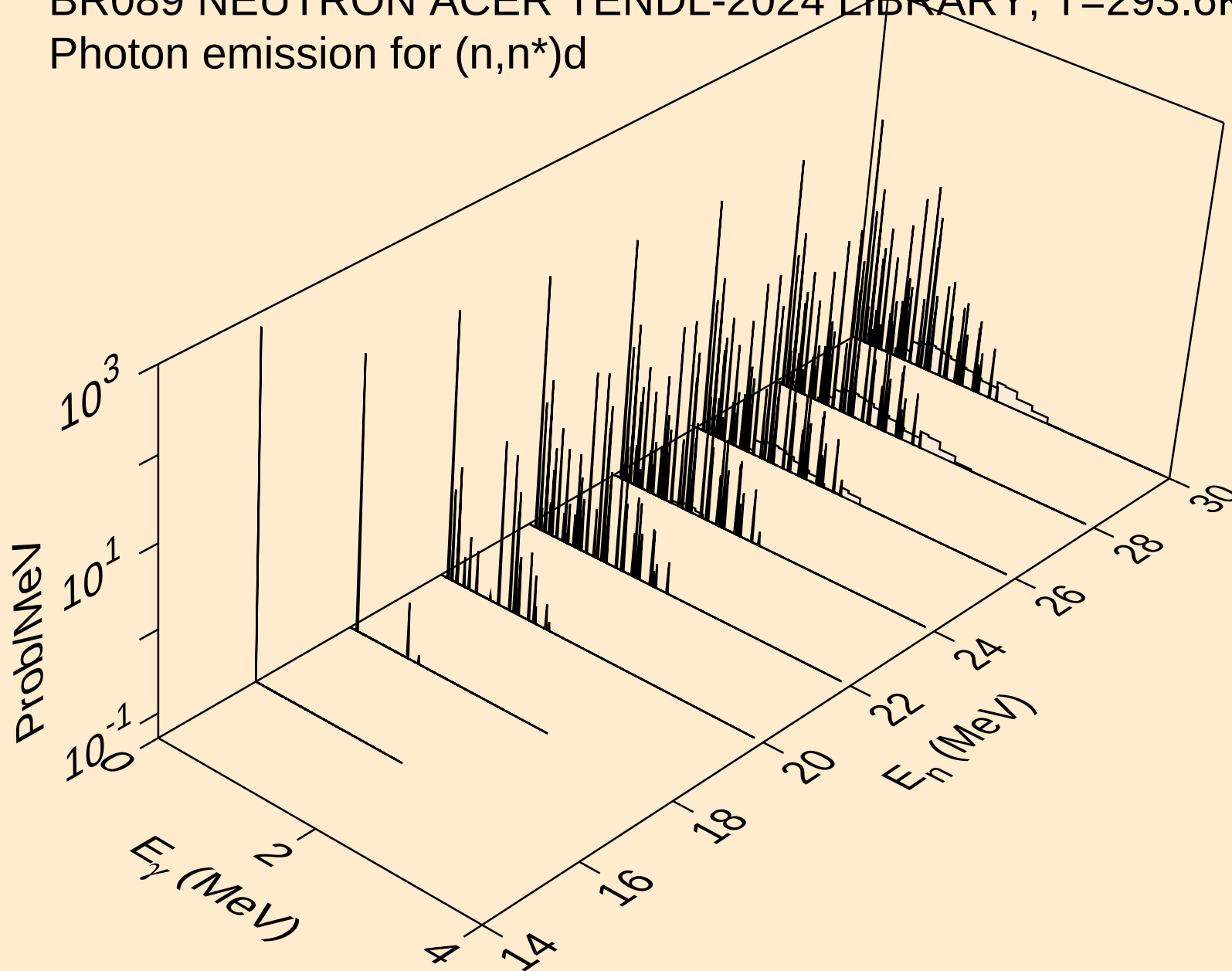
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Photon emission for (n,3n)a



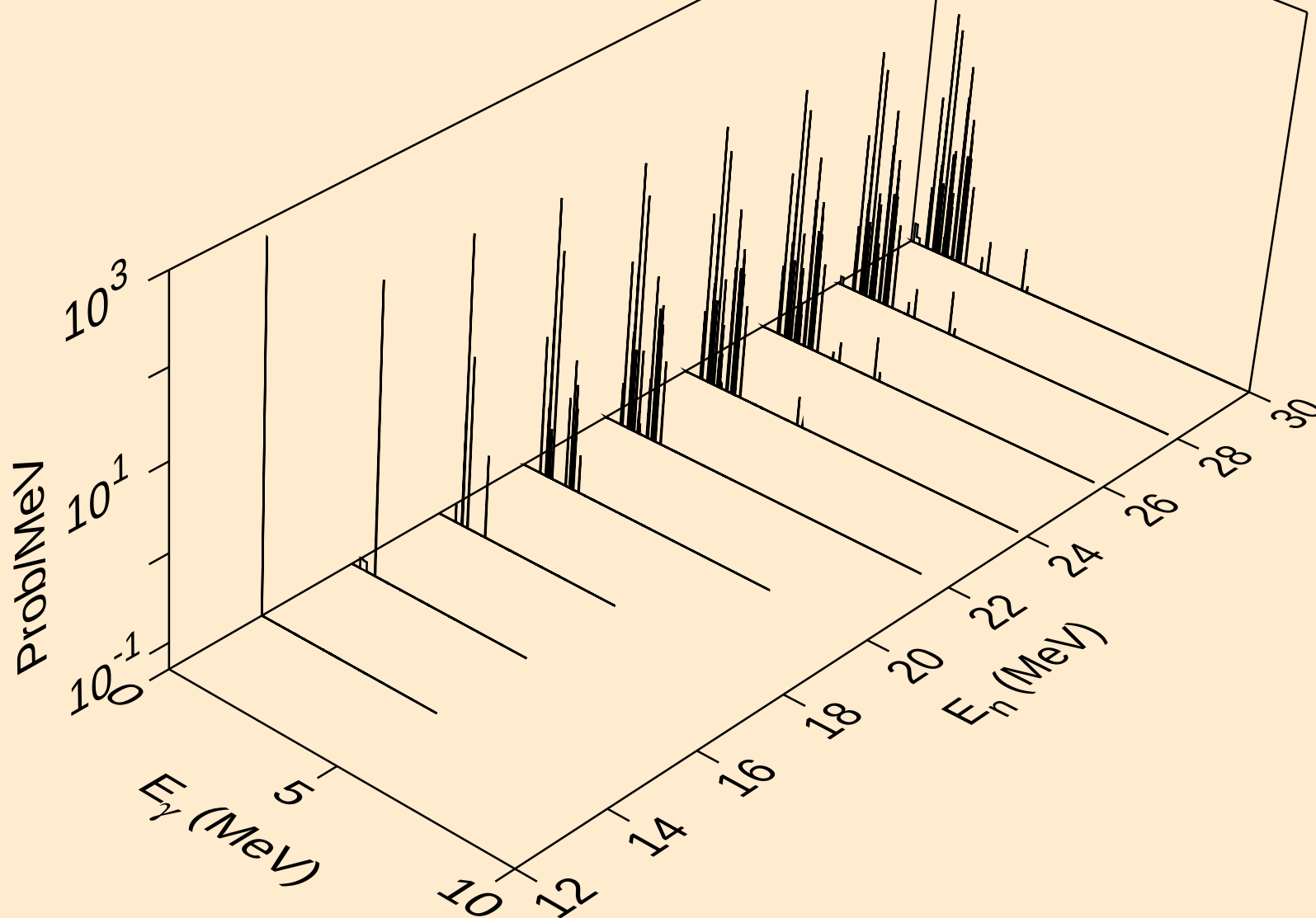
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Photon emission for (n,n*)p



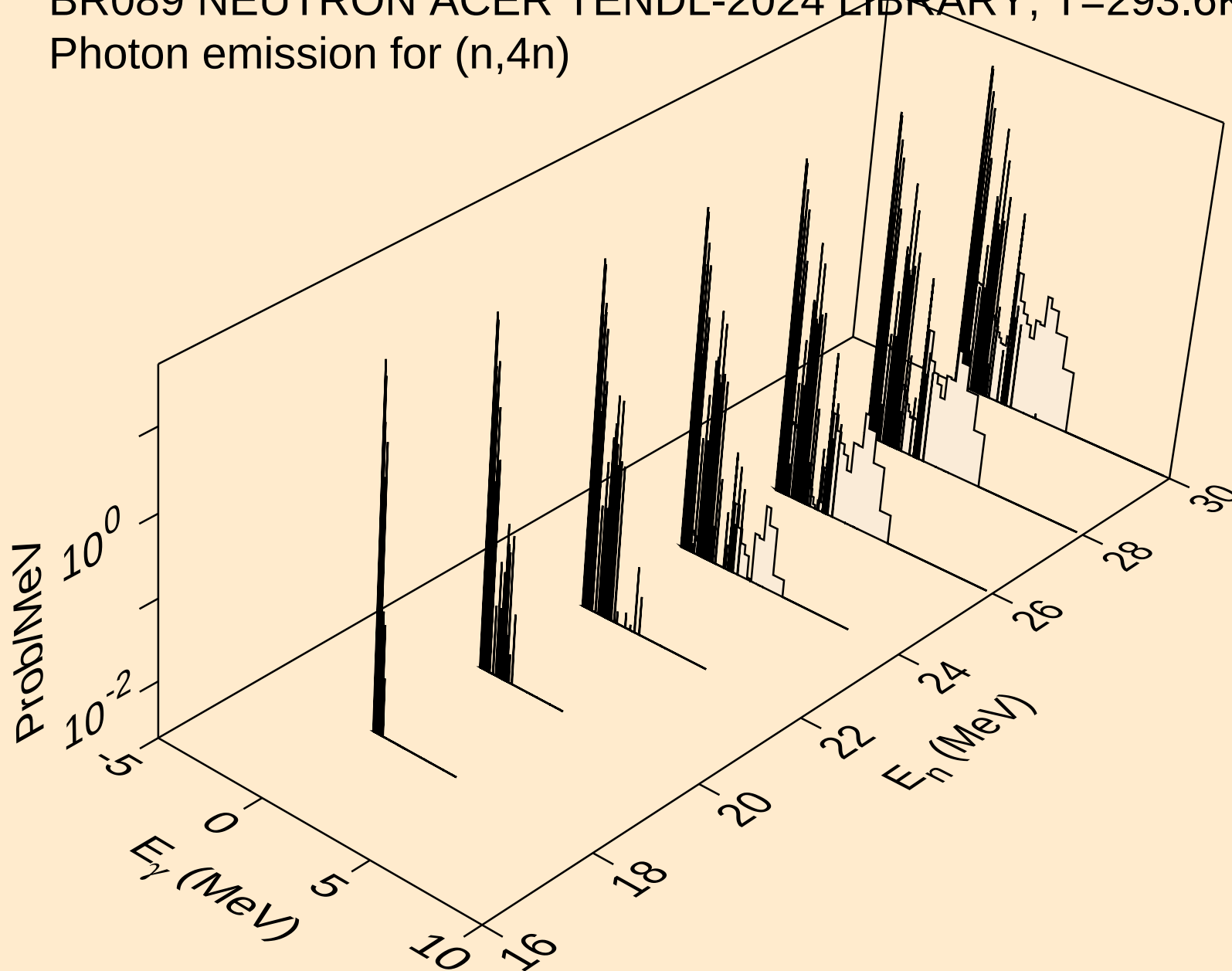
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Photon emission for (n,n*)d



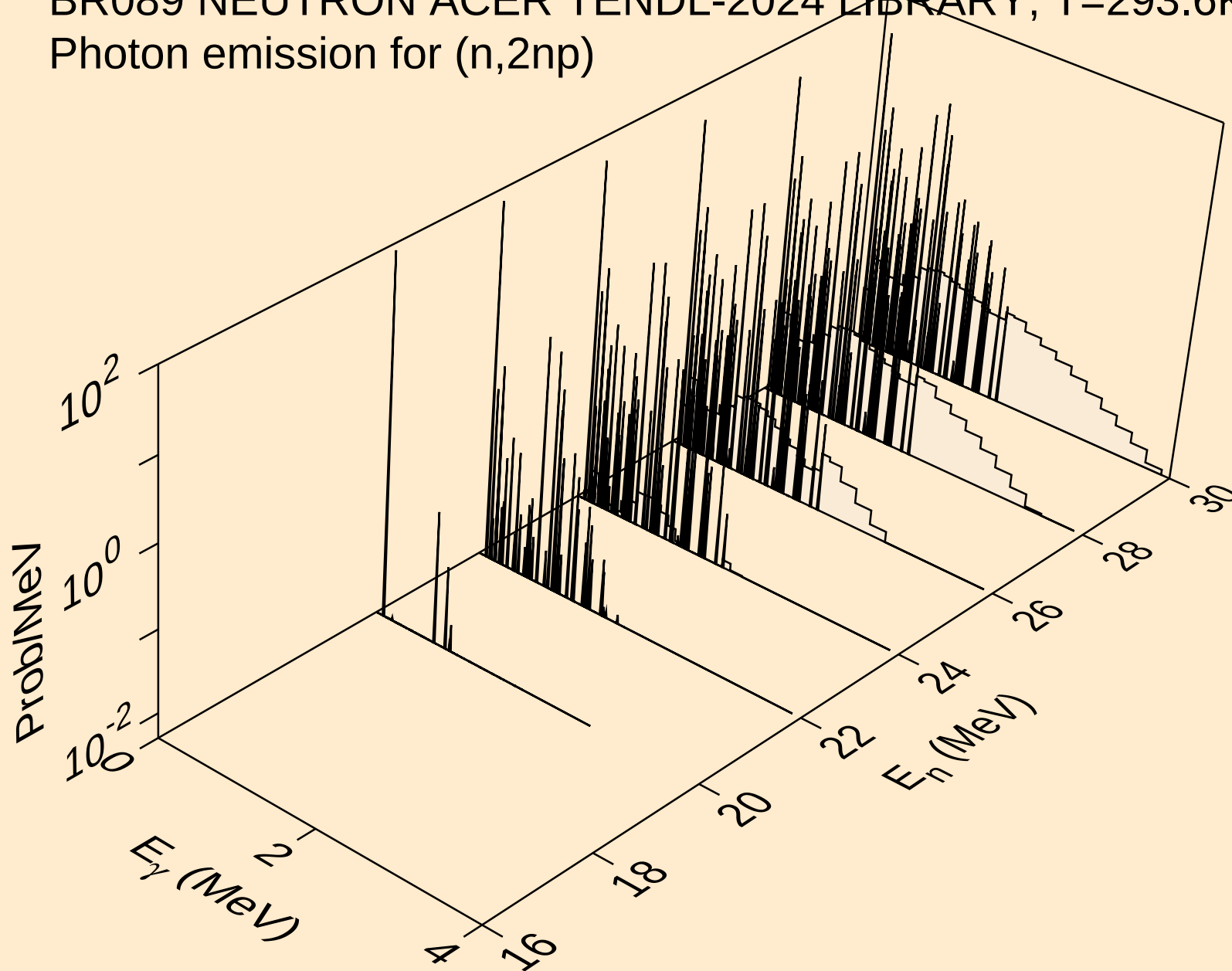
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Photon emission for (n,n*)t



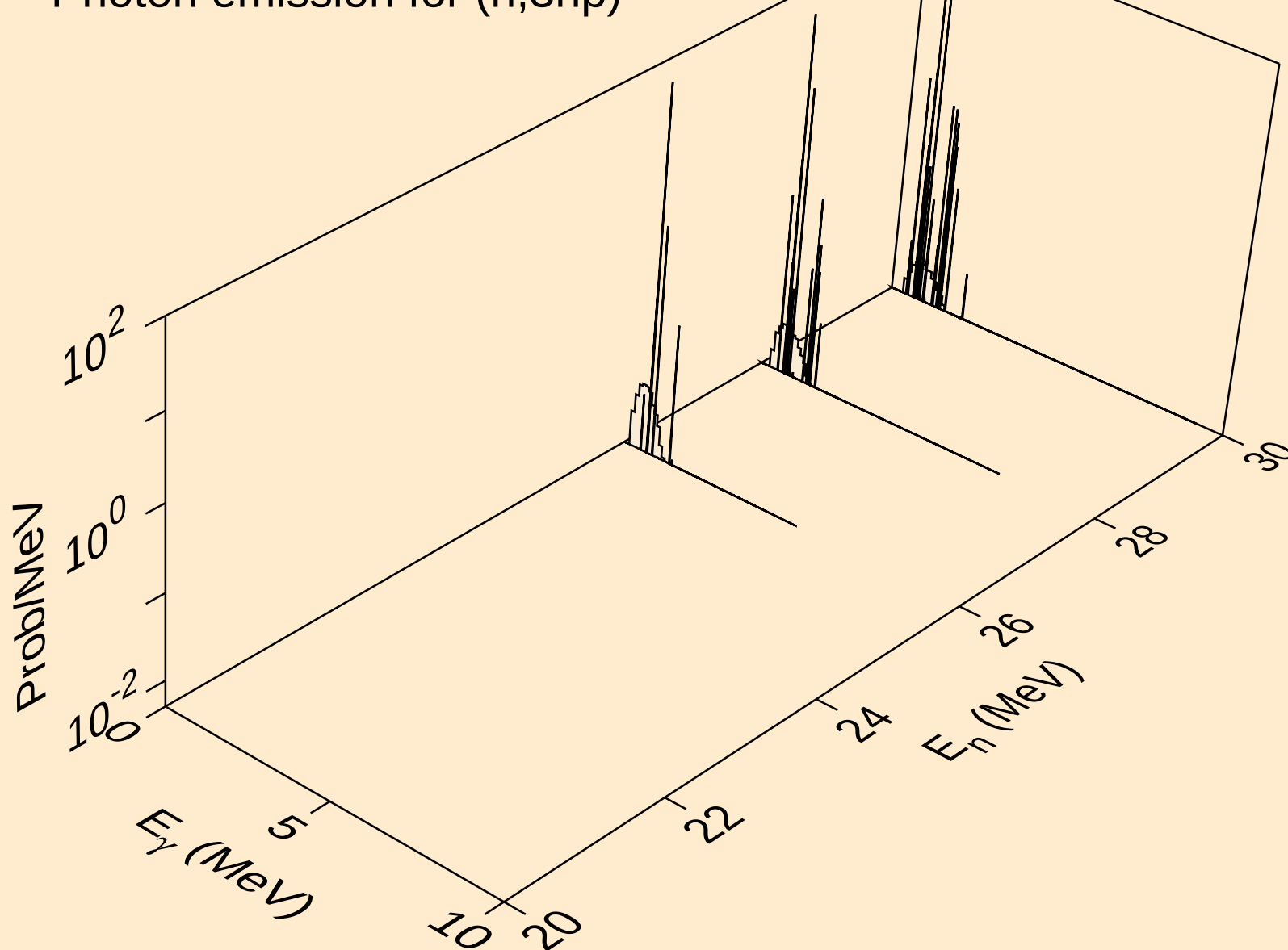
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Photon emission for (n,4n)



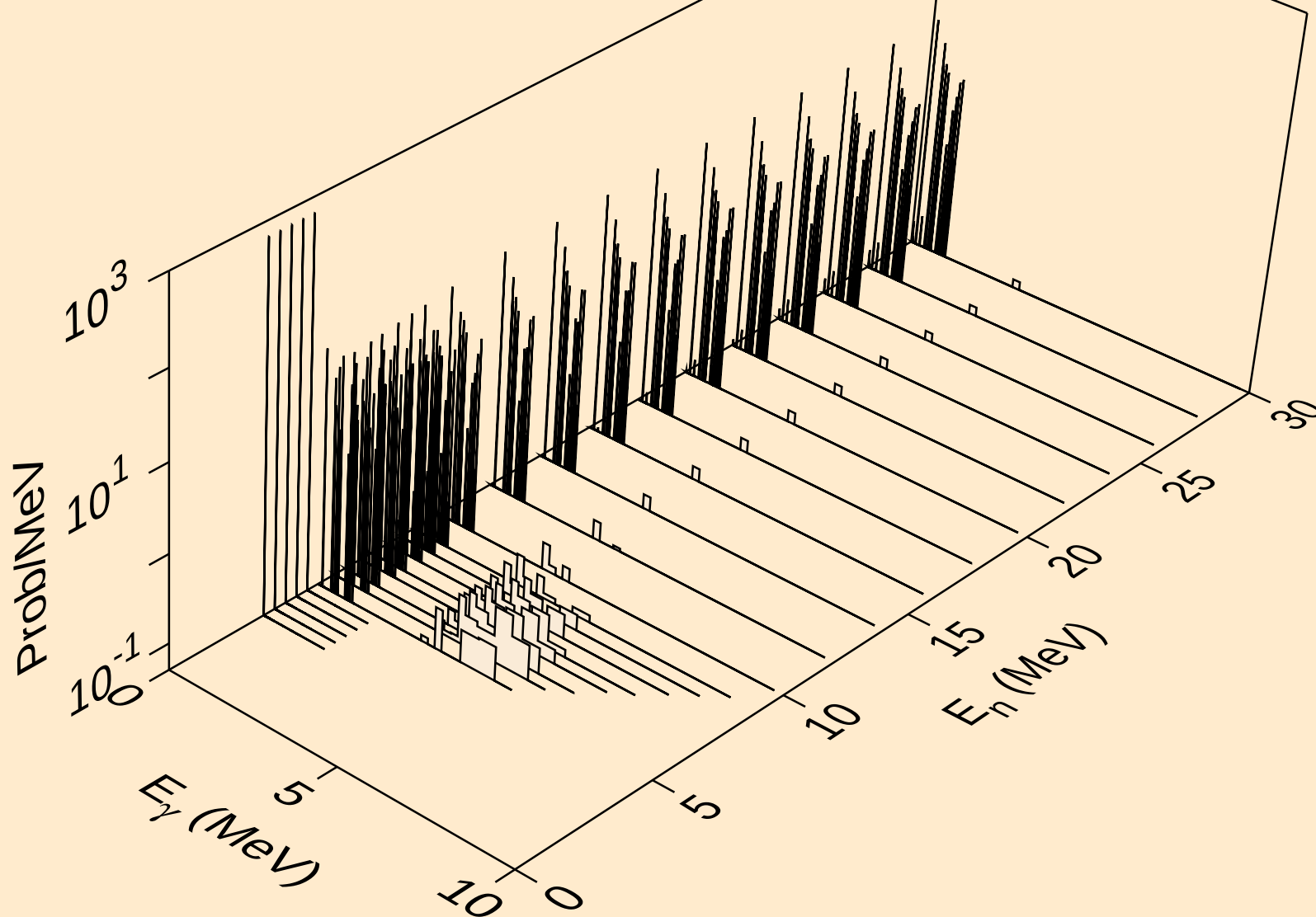
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Photon emission for (n,2np)



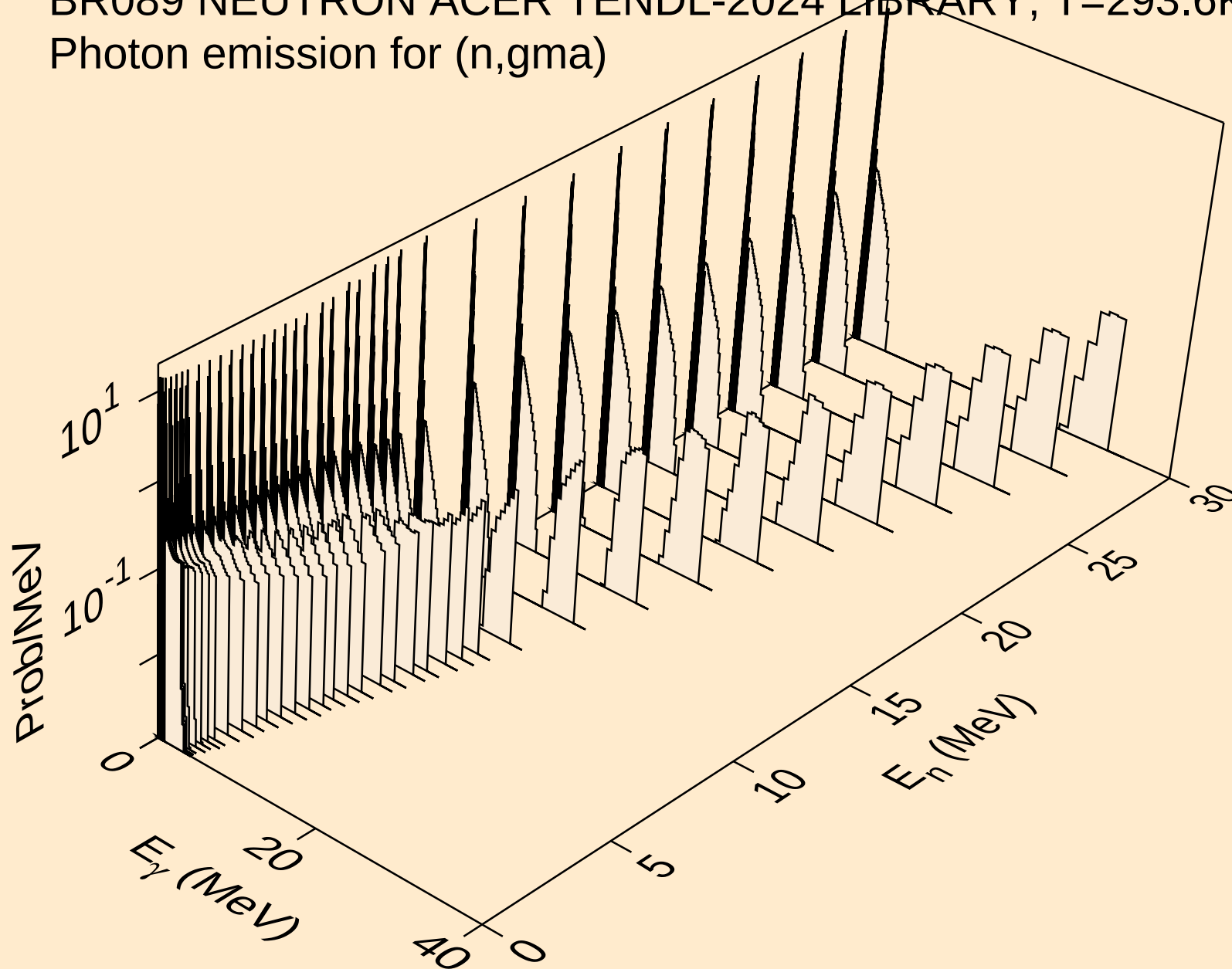
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Photon emission for (n,3np)



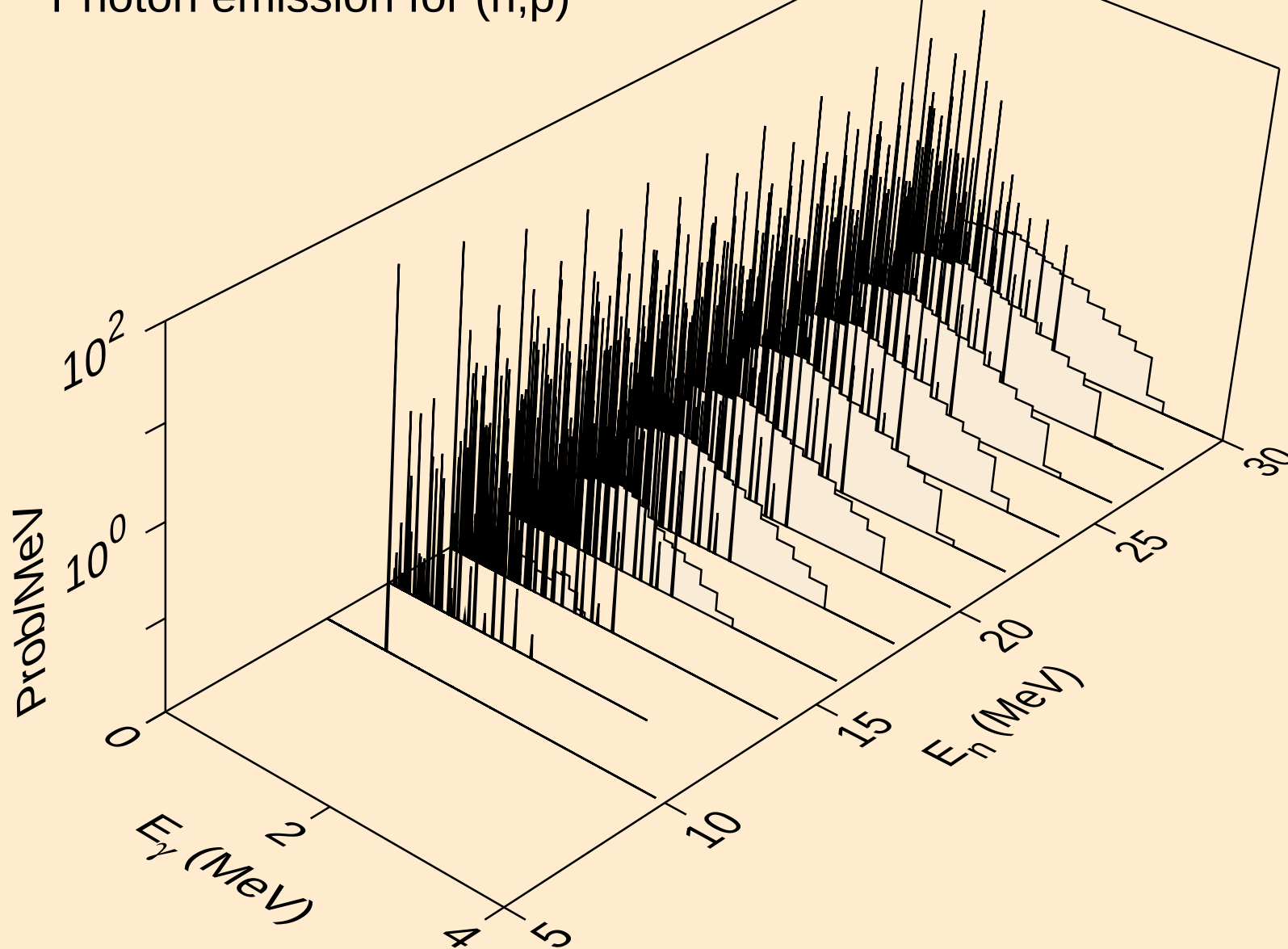
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Photon emission for (n,n*c)



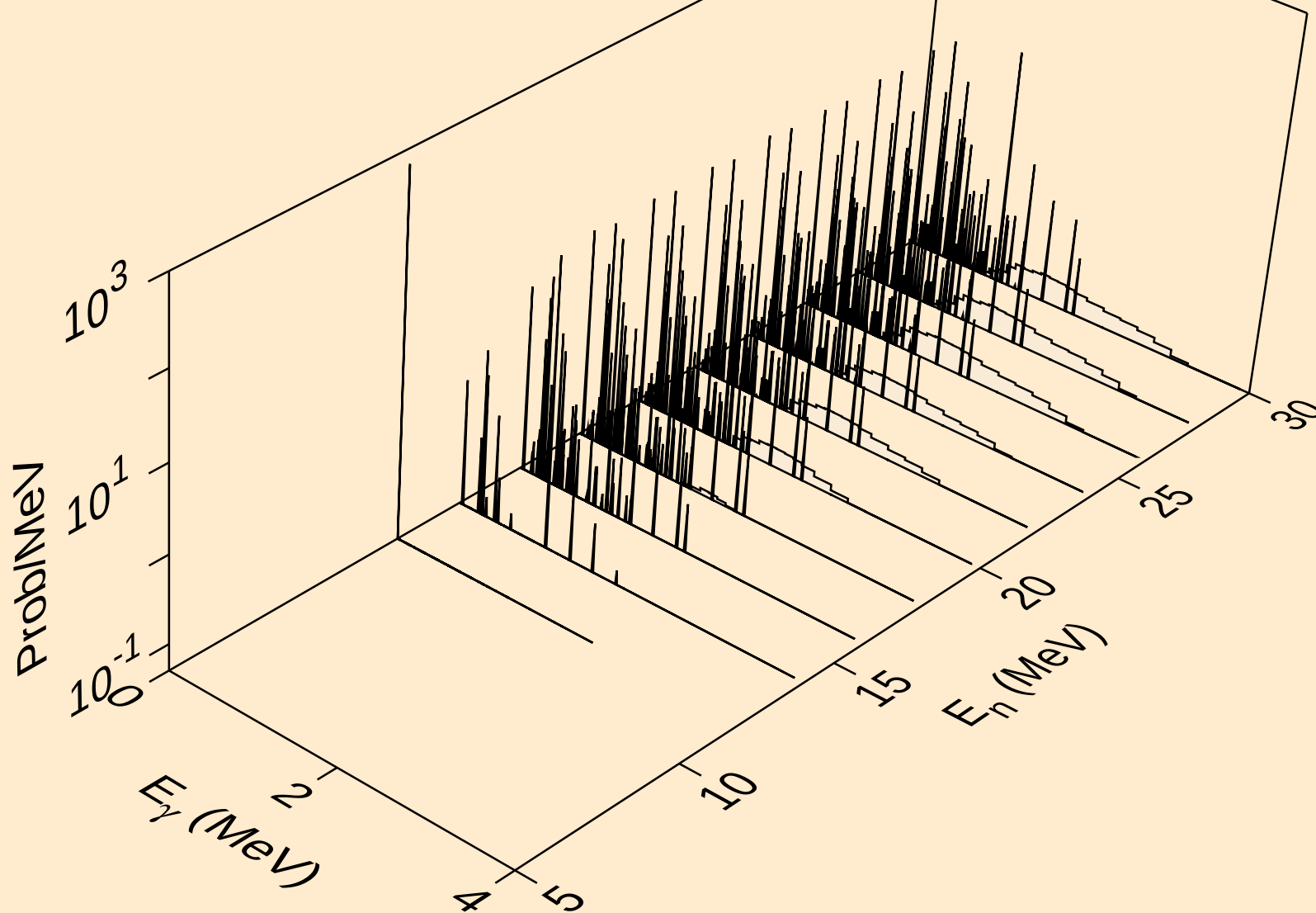
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Photon emission for (n,gma)



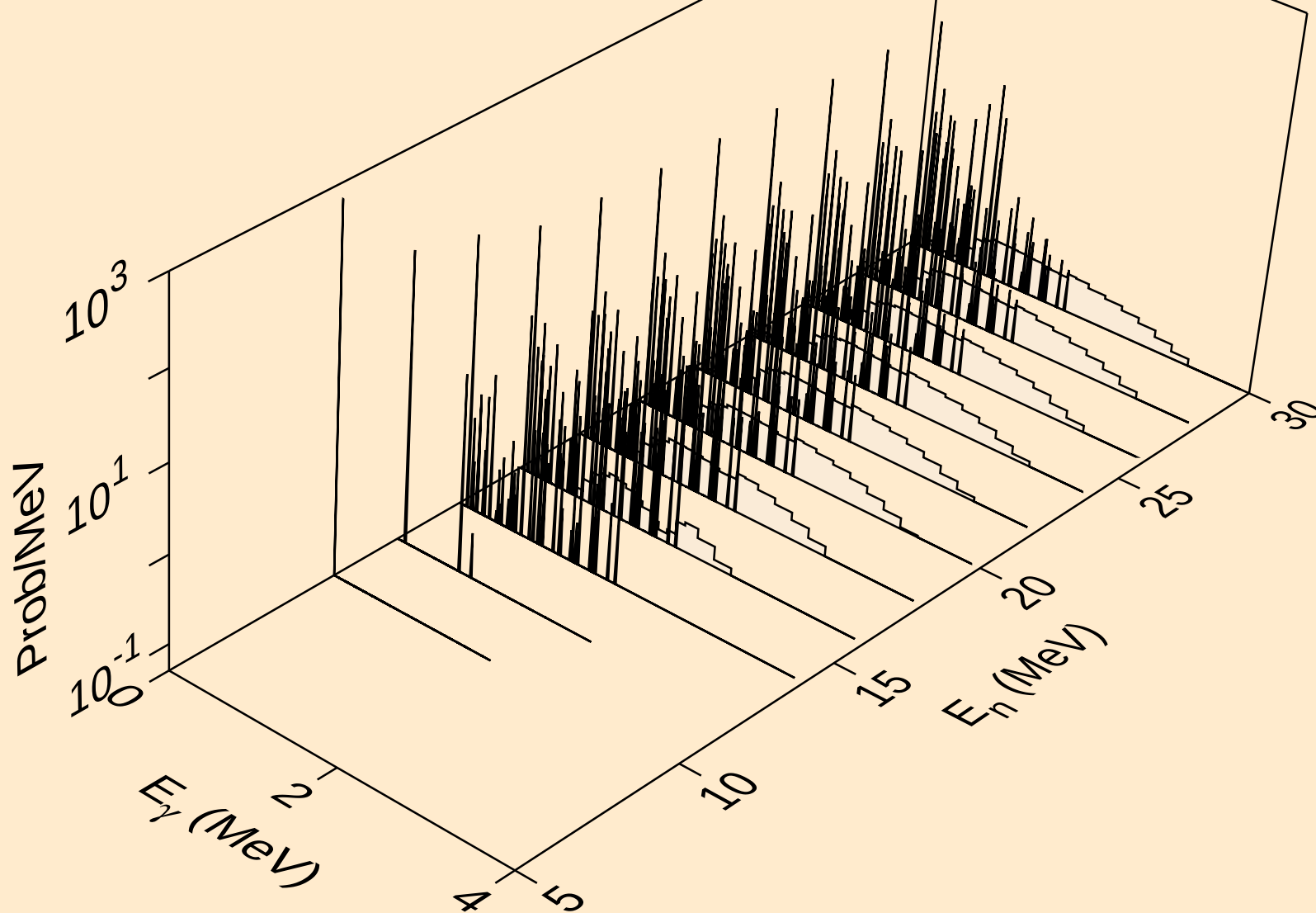
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Photon emission for (n,p)



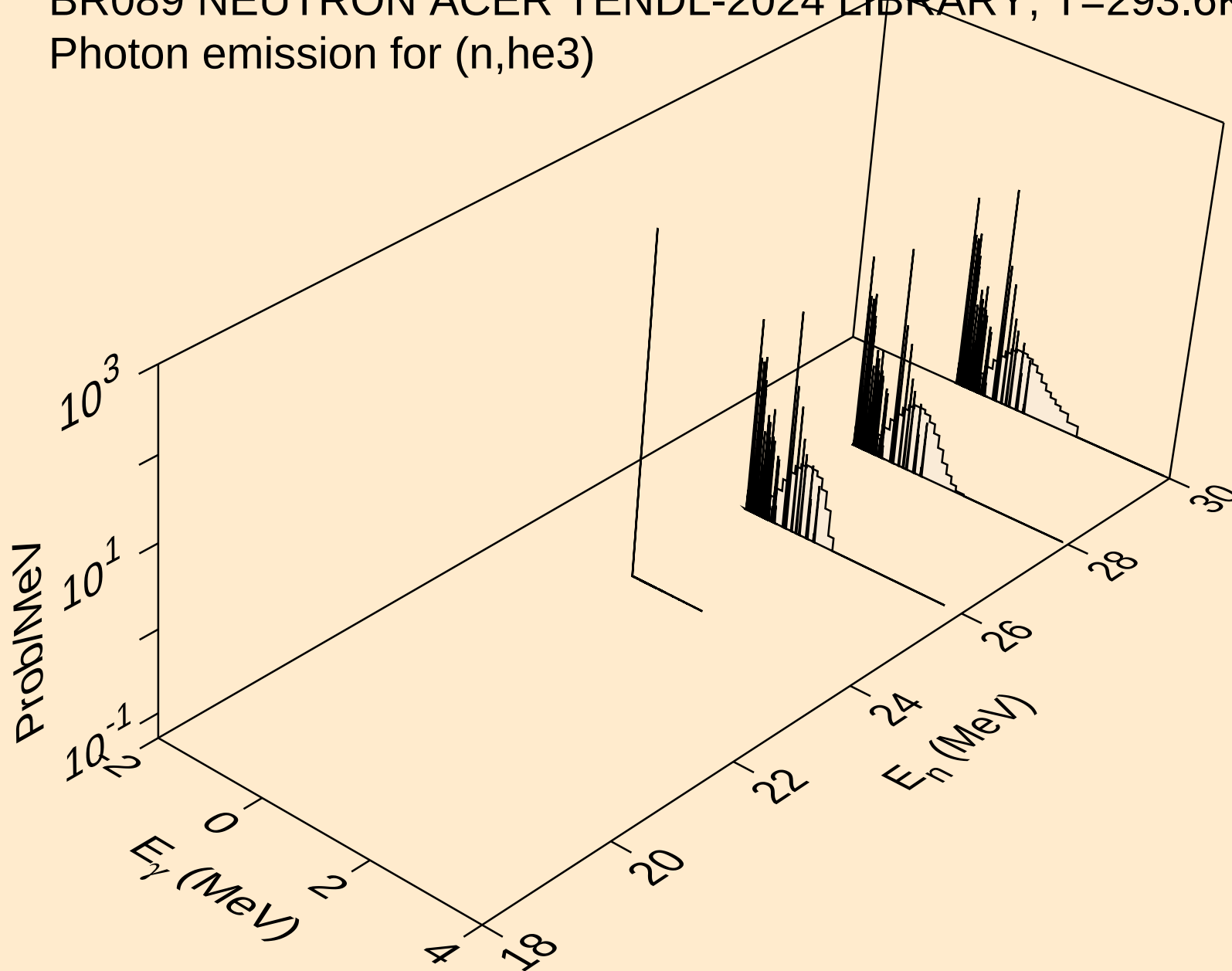
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Photon emission for (n,d)



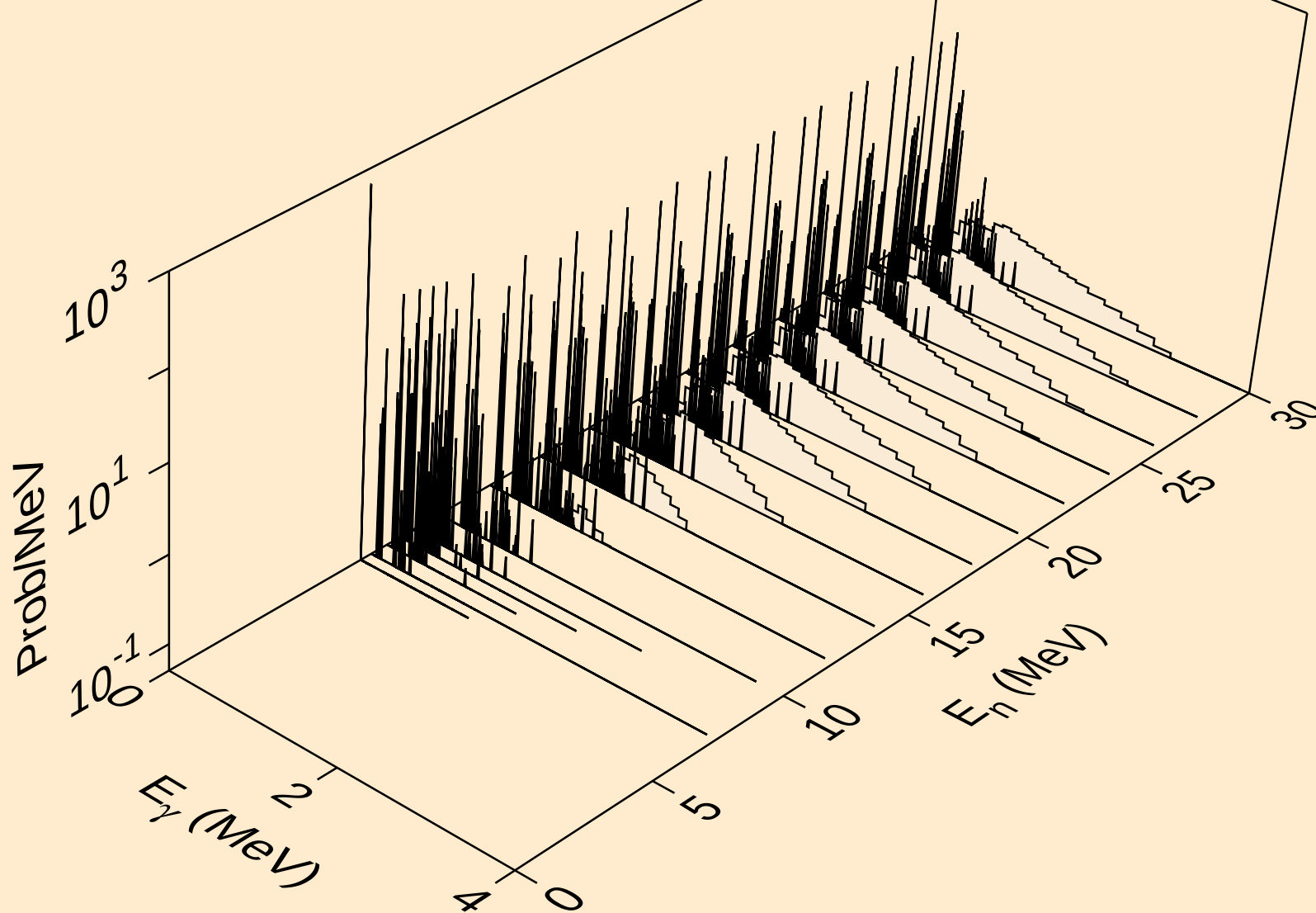
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Photon emission for (n,t)



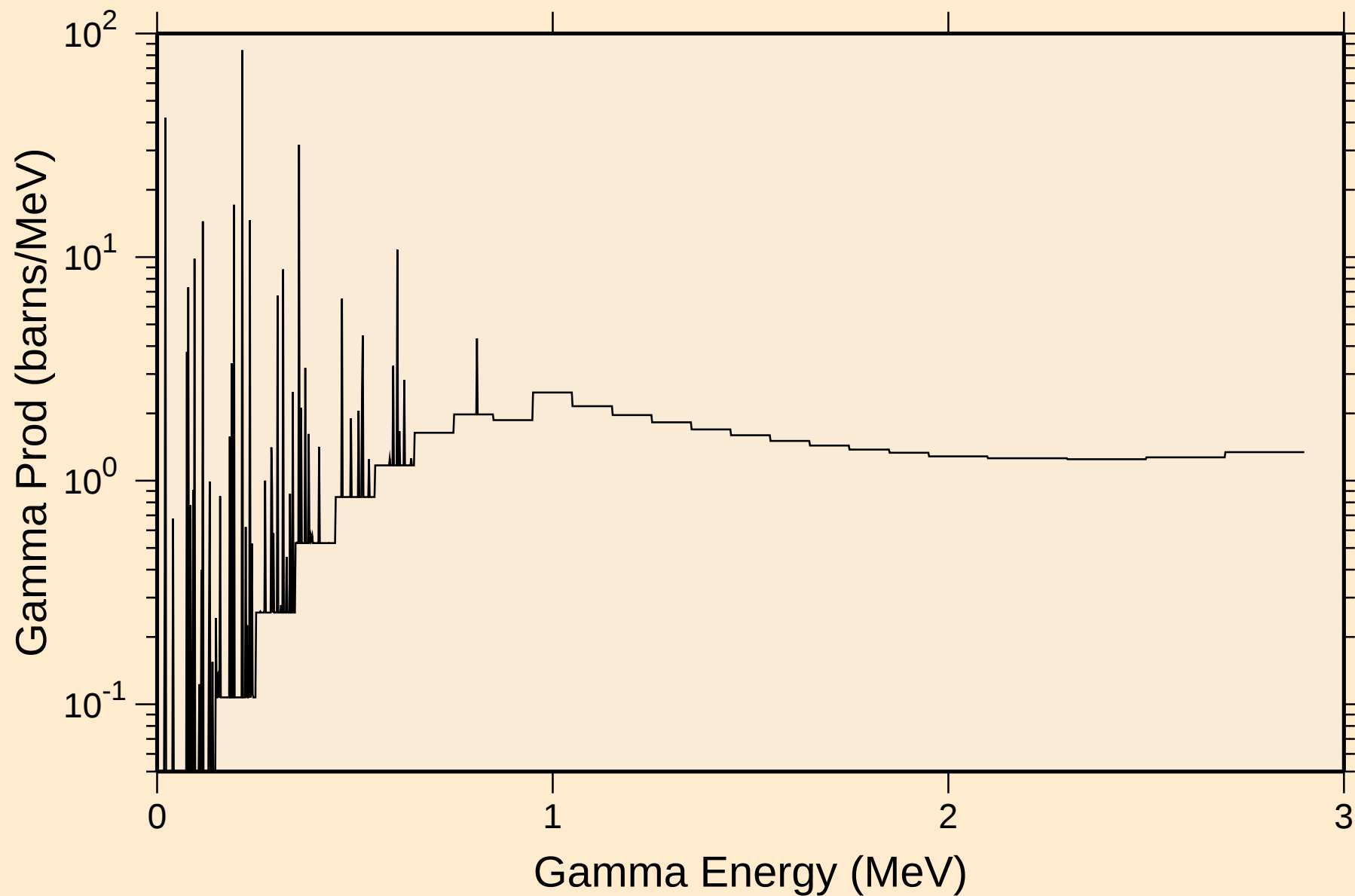
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Photon emission for (n,he3)



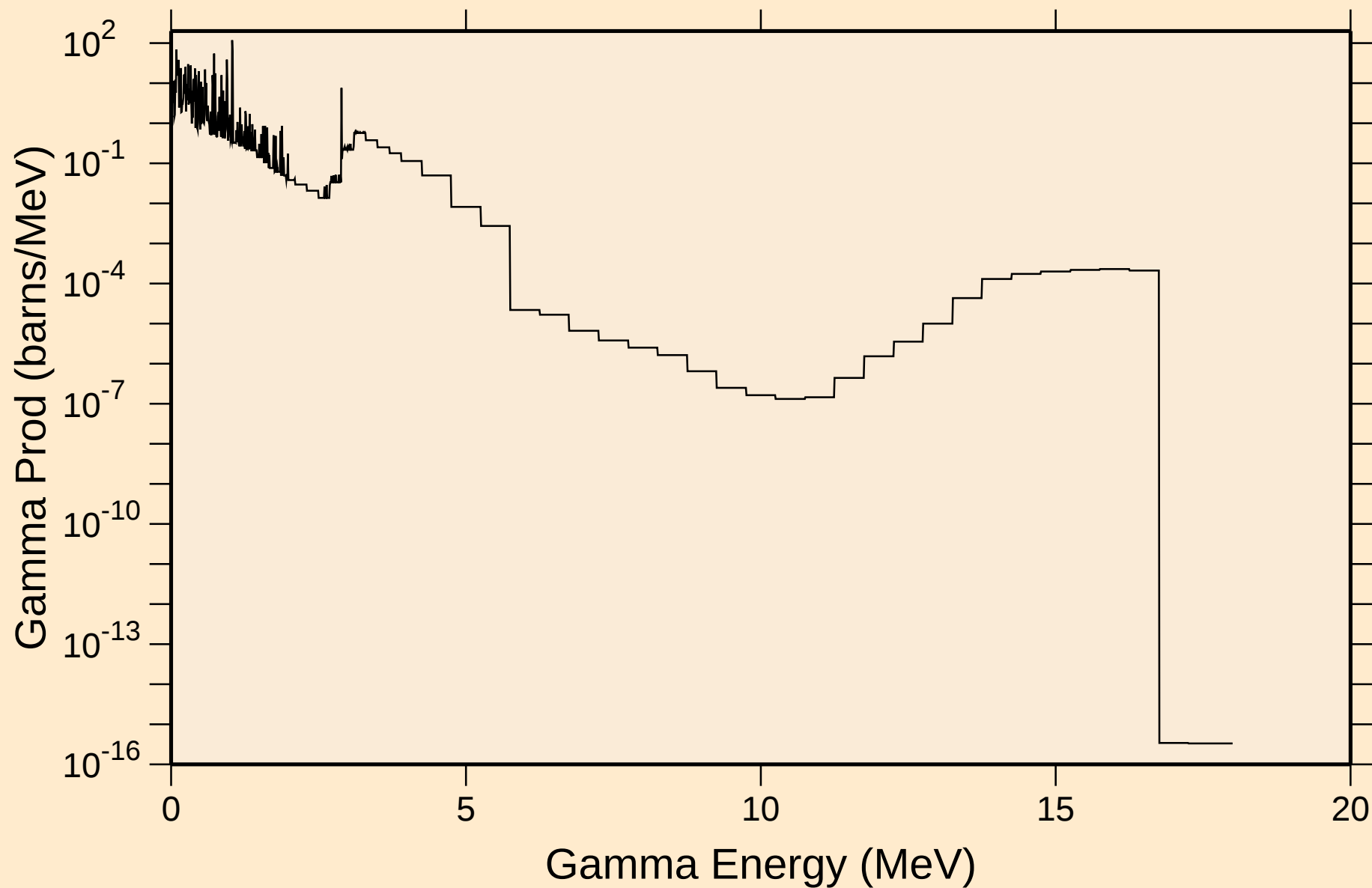
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



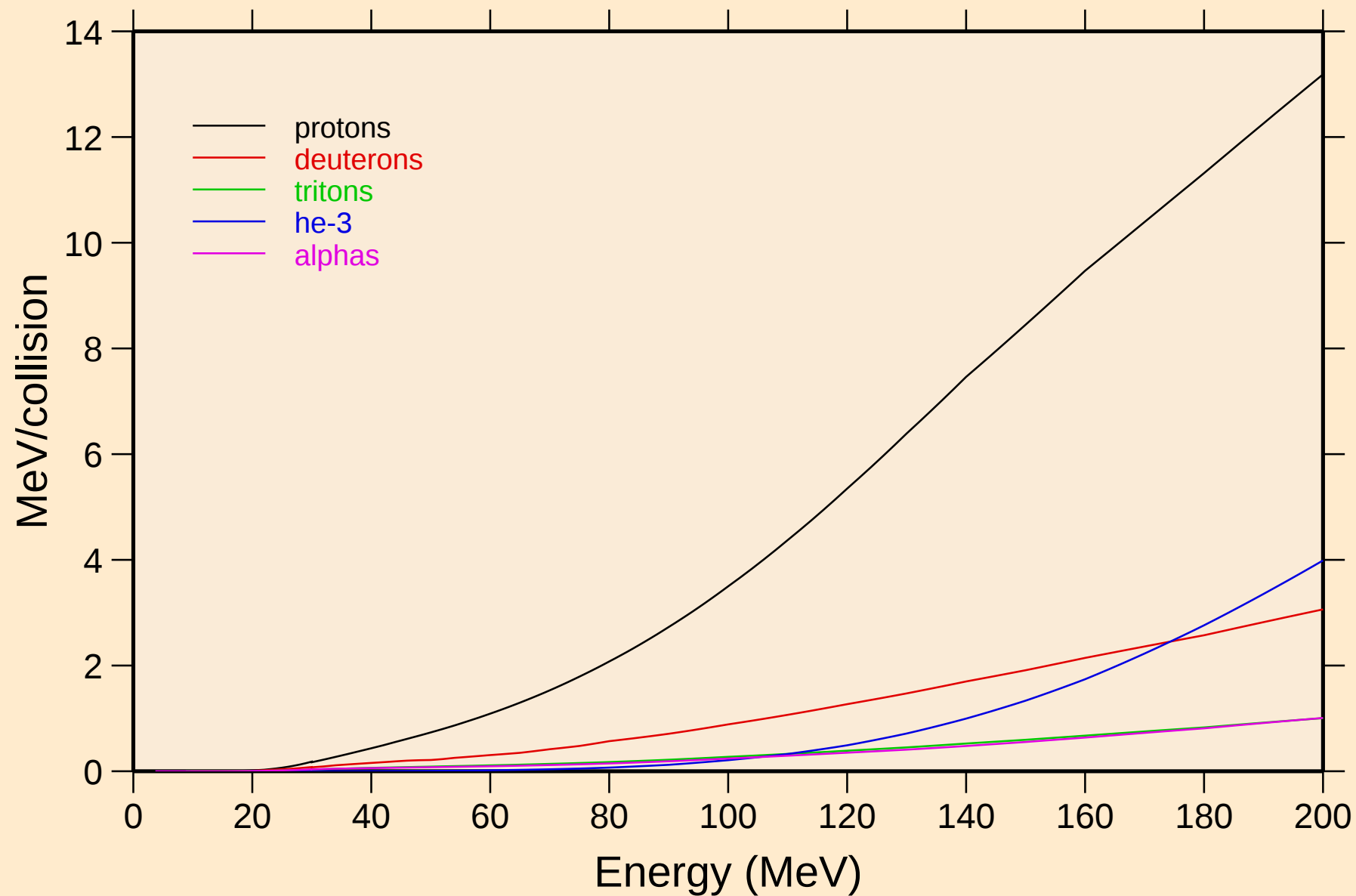
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



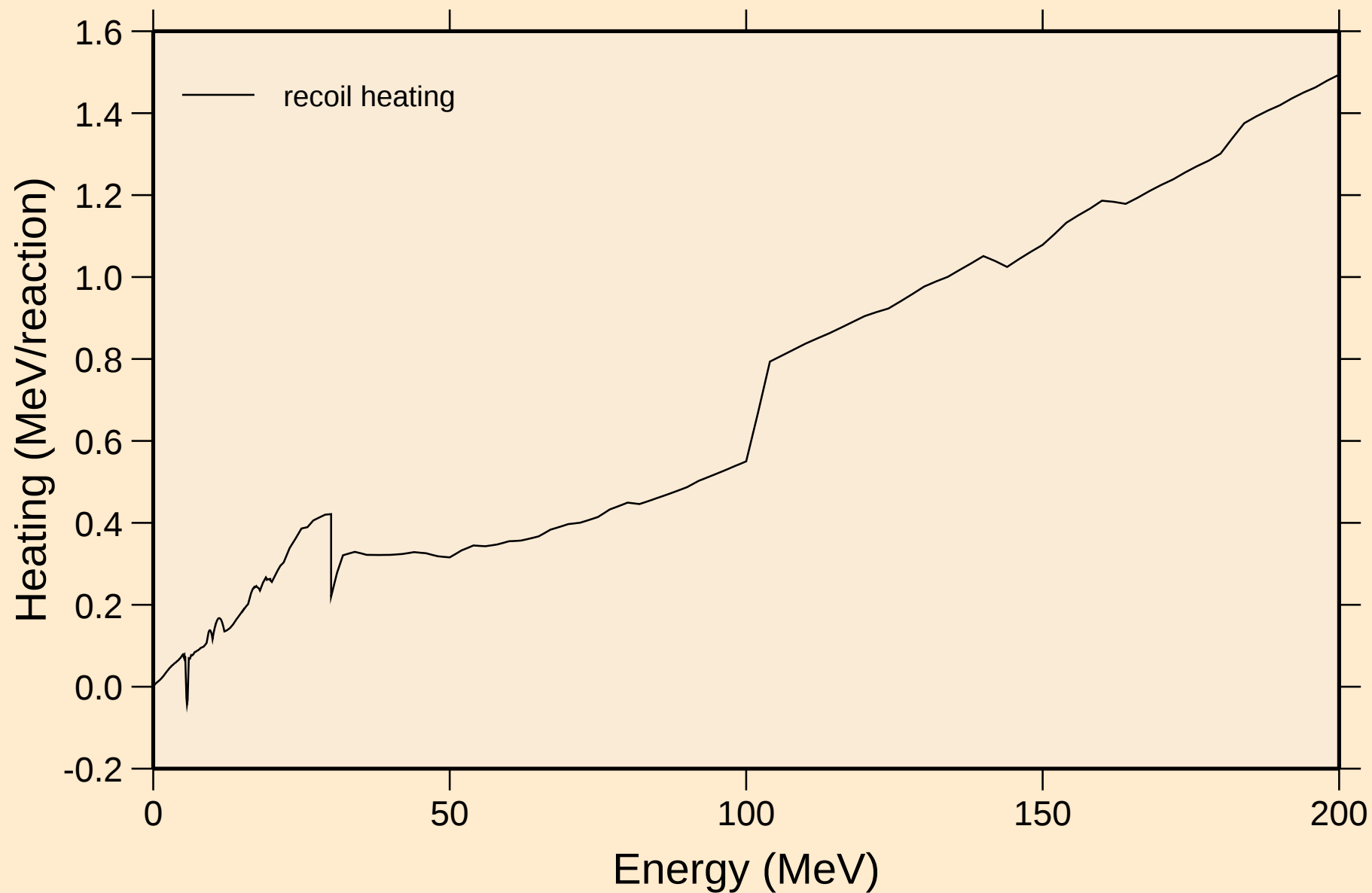
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



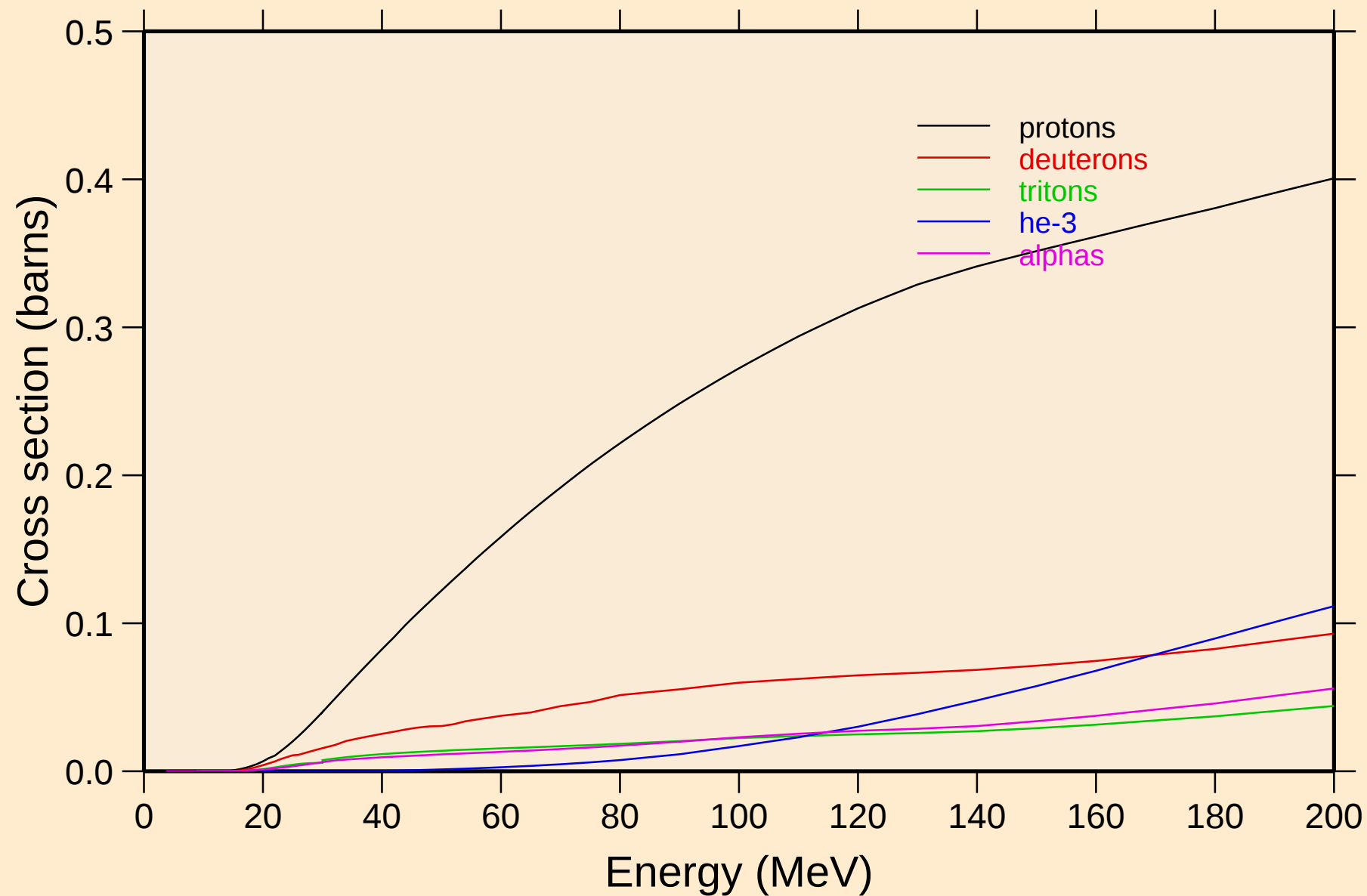
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



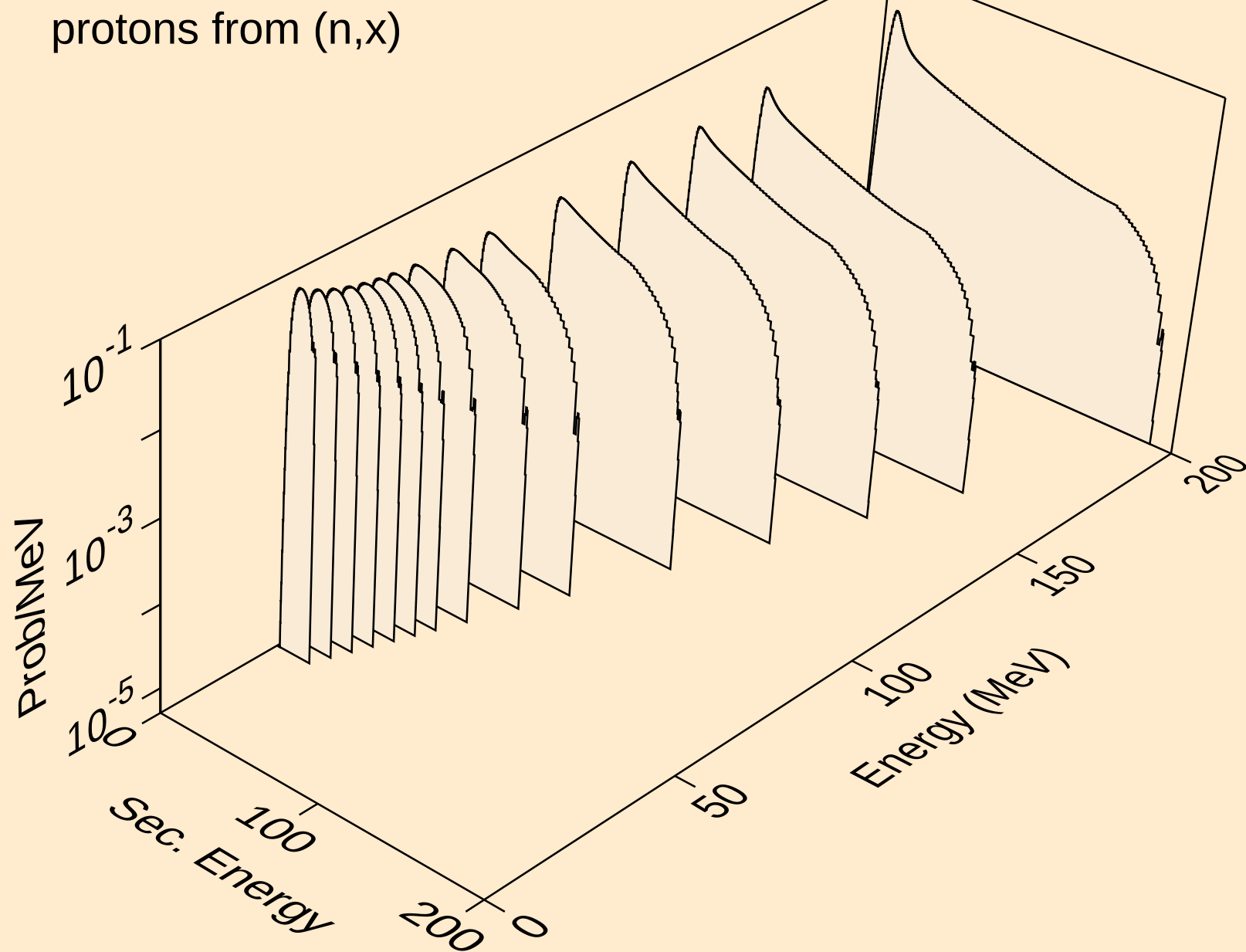
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



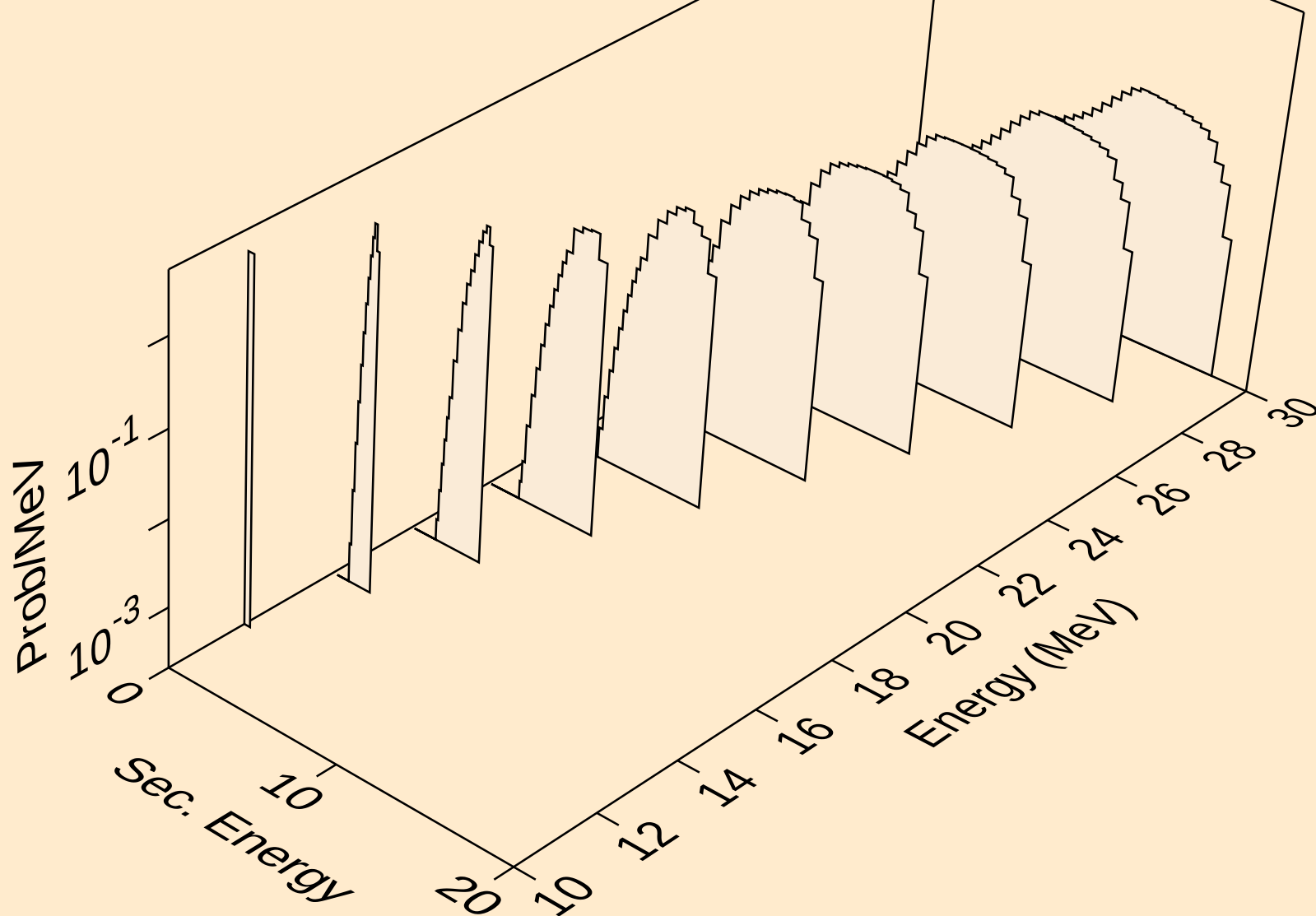
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



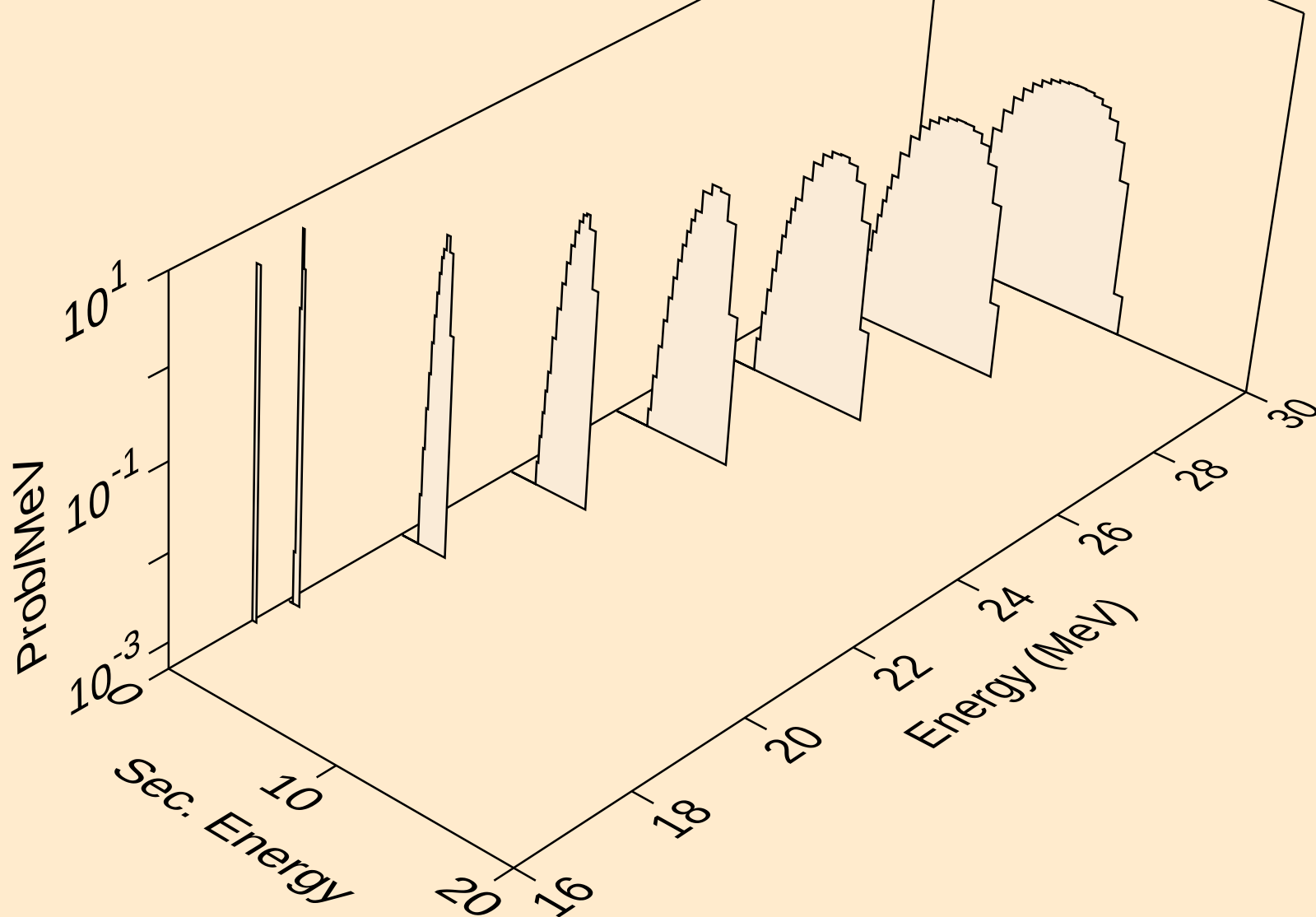
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



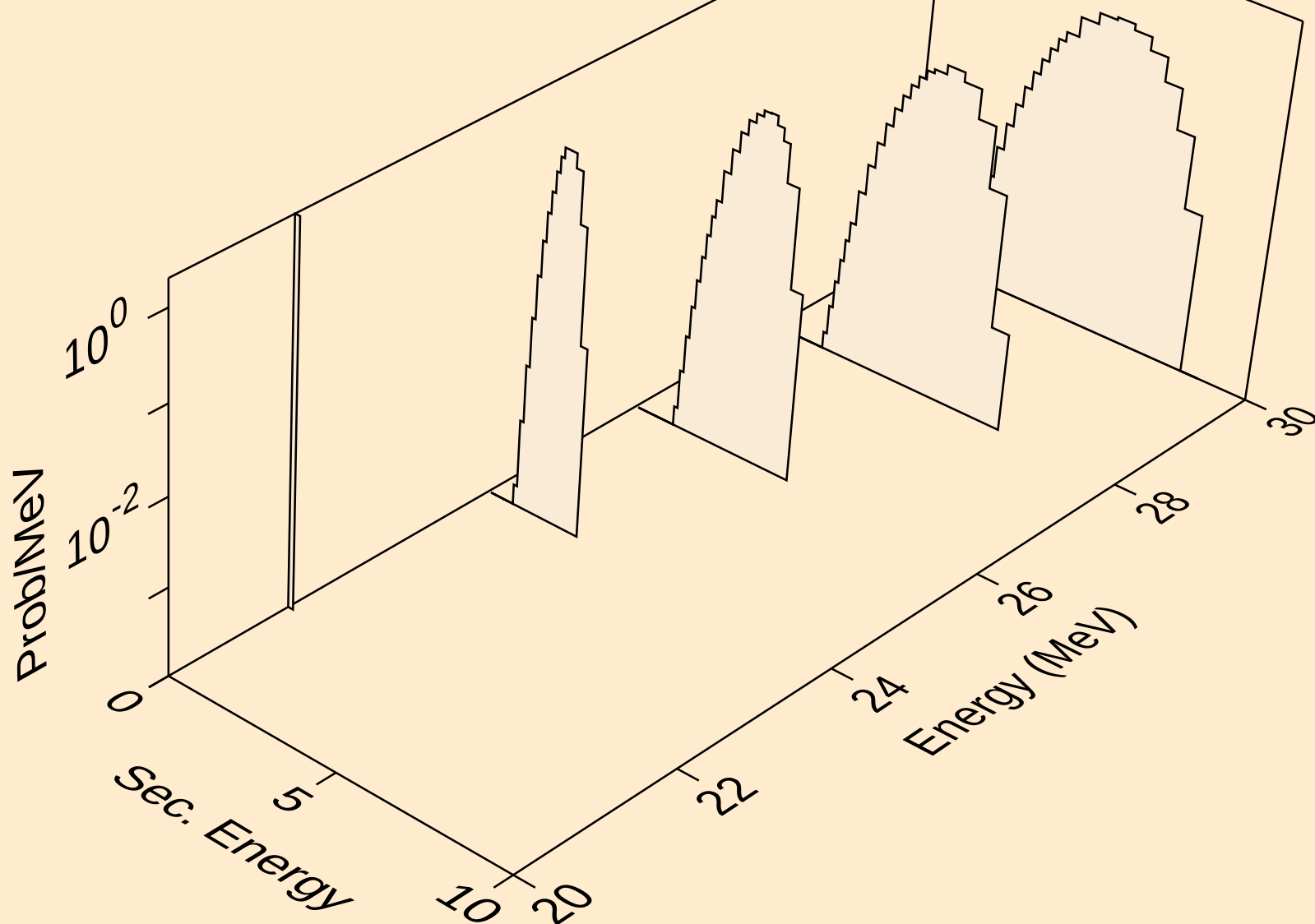
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



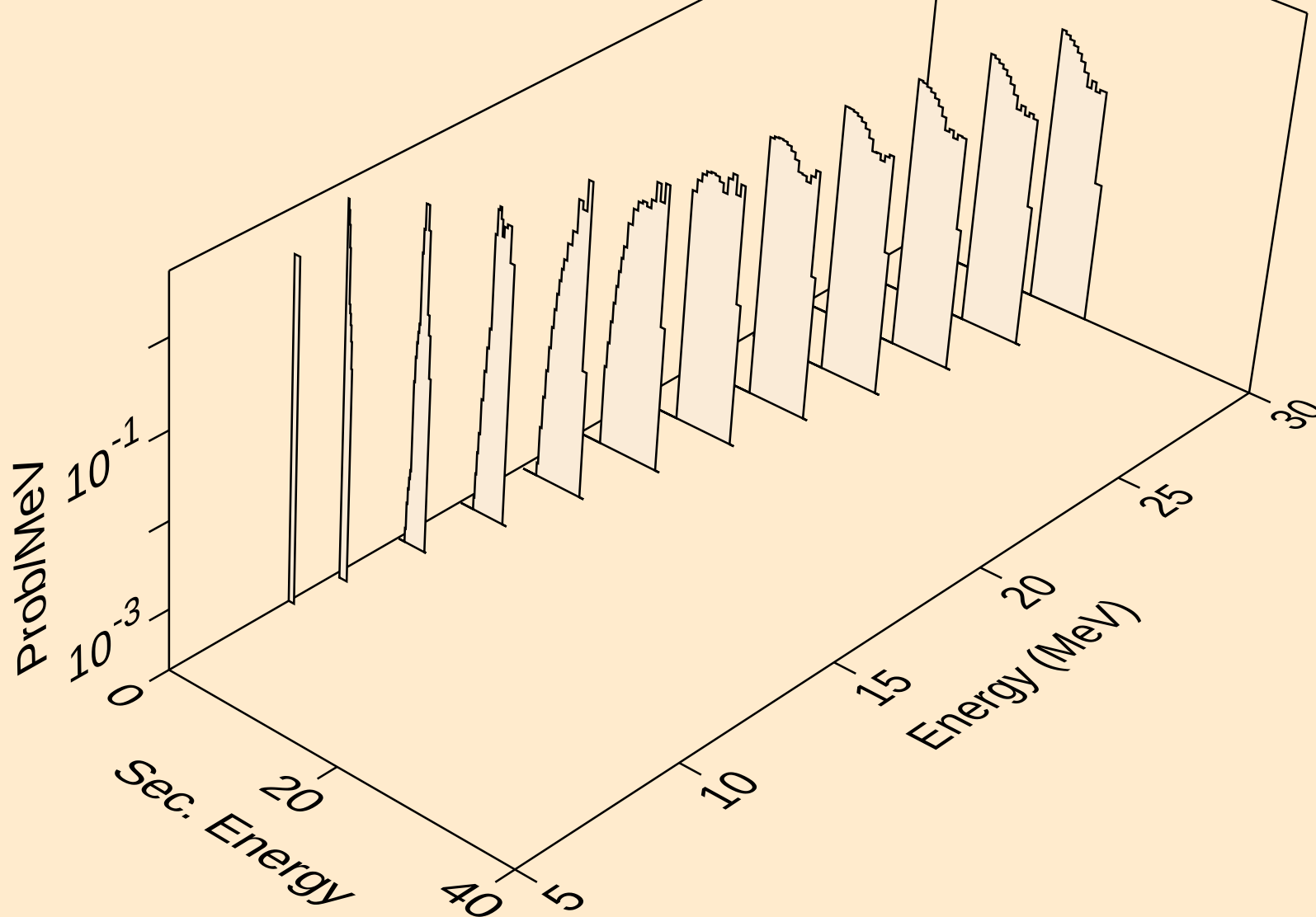
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



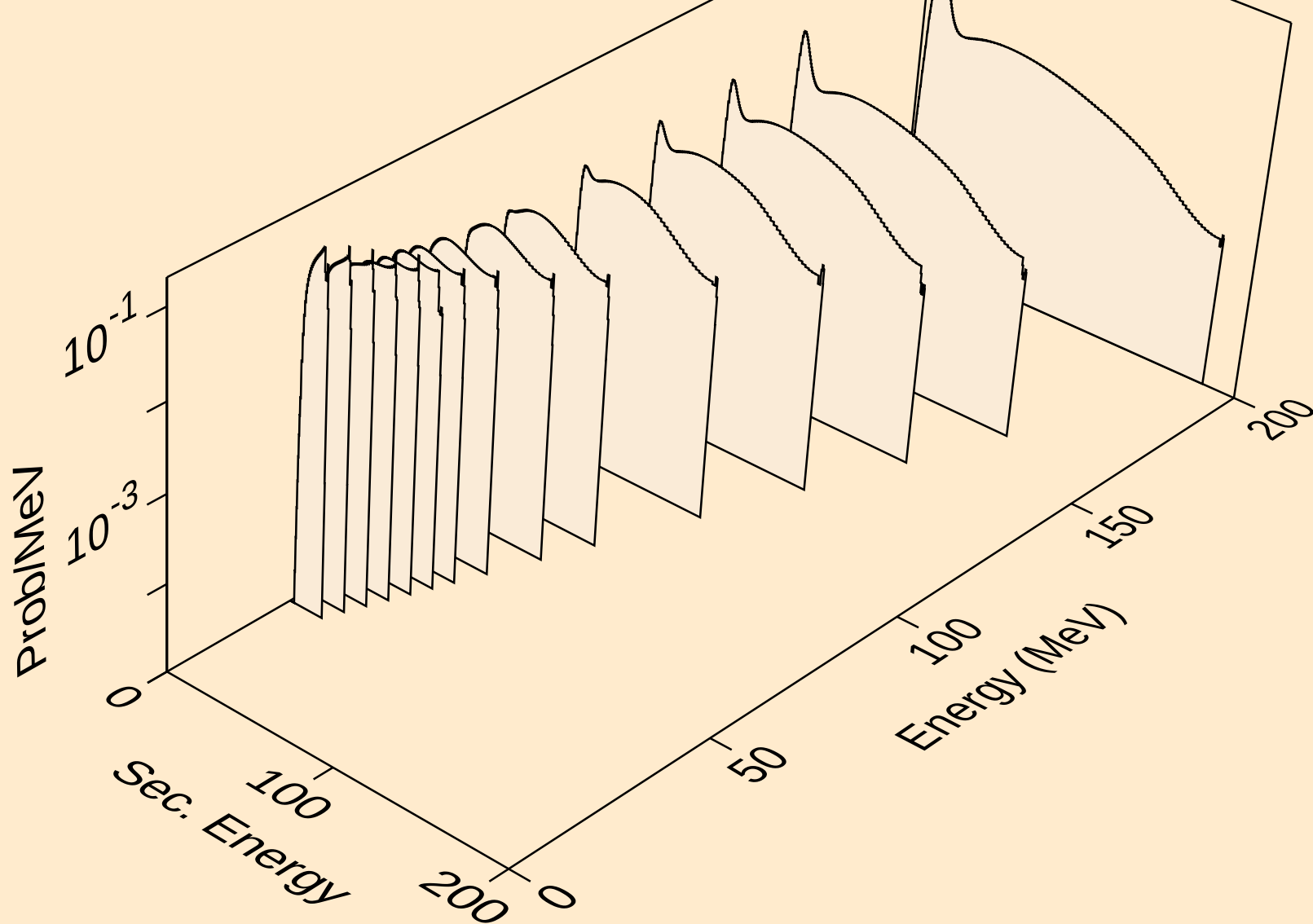
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protons from (n,3np)



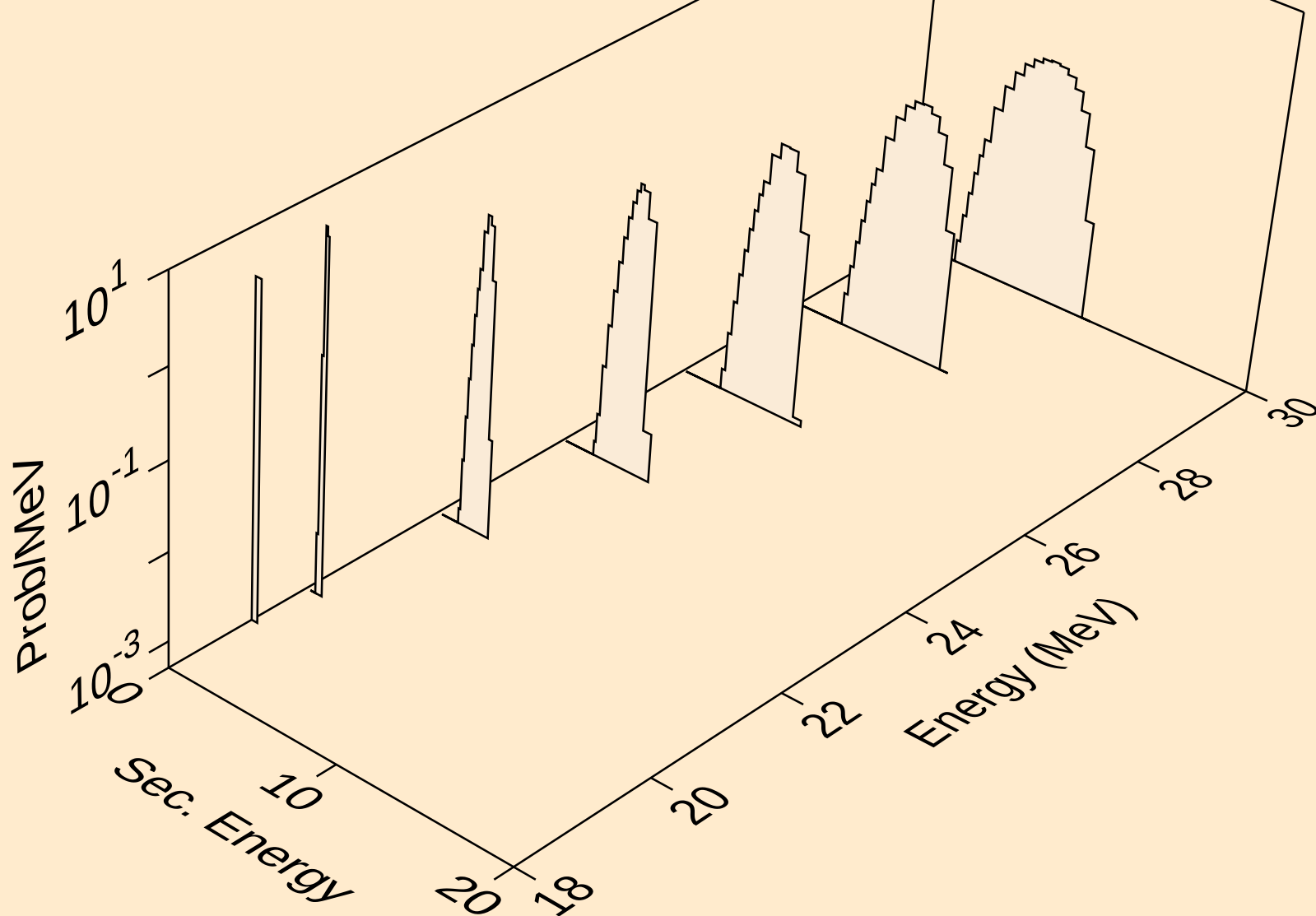
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protons from (n,p)



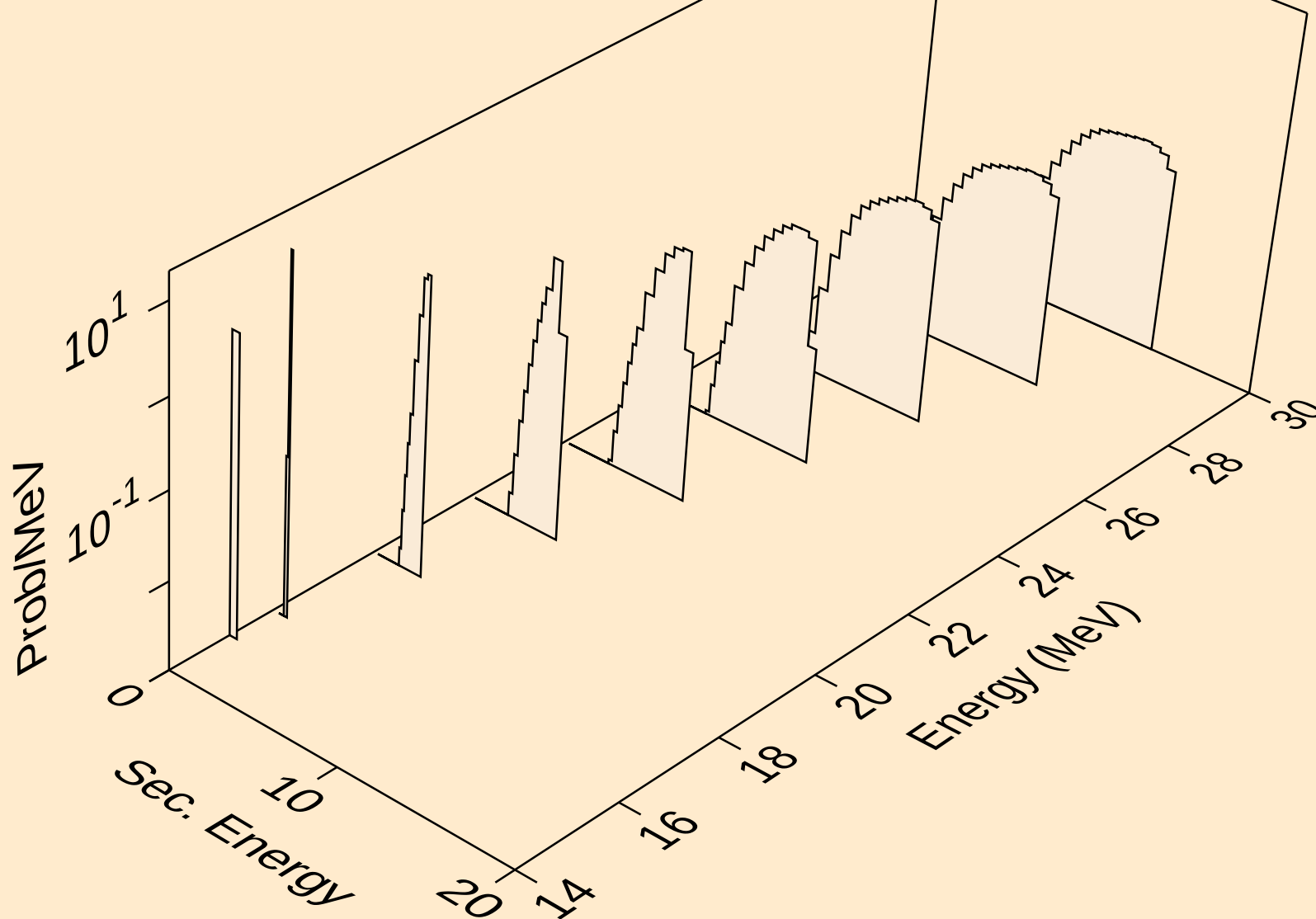
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deuterons from (n,x)



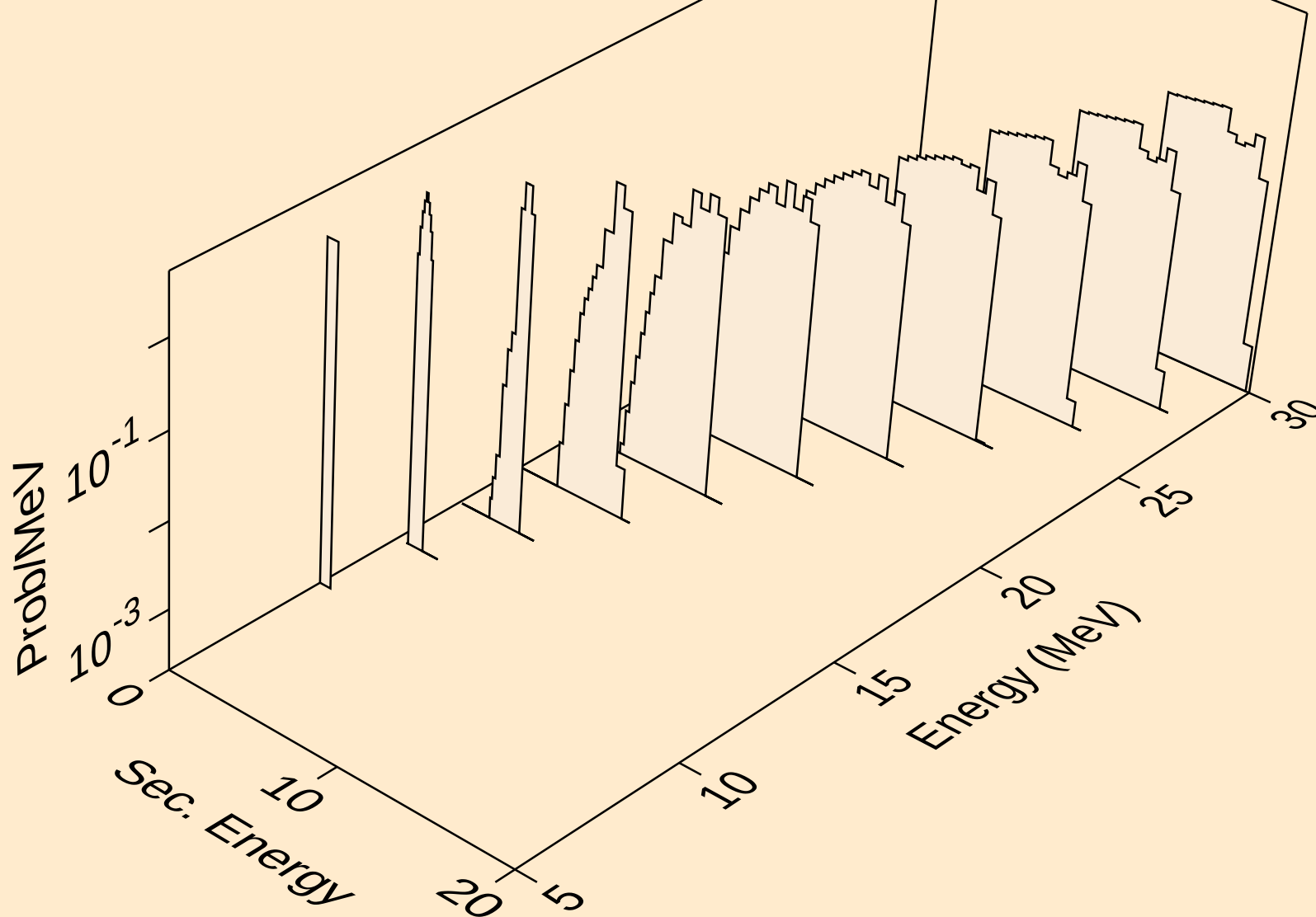
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deuterons from (n,2nd)



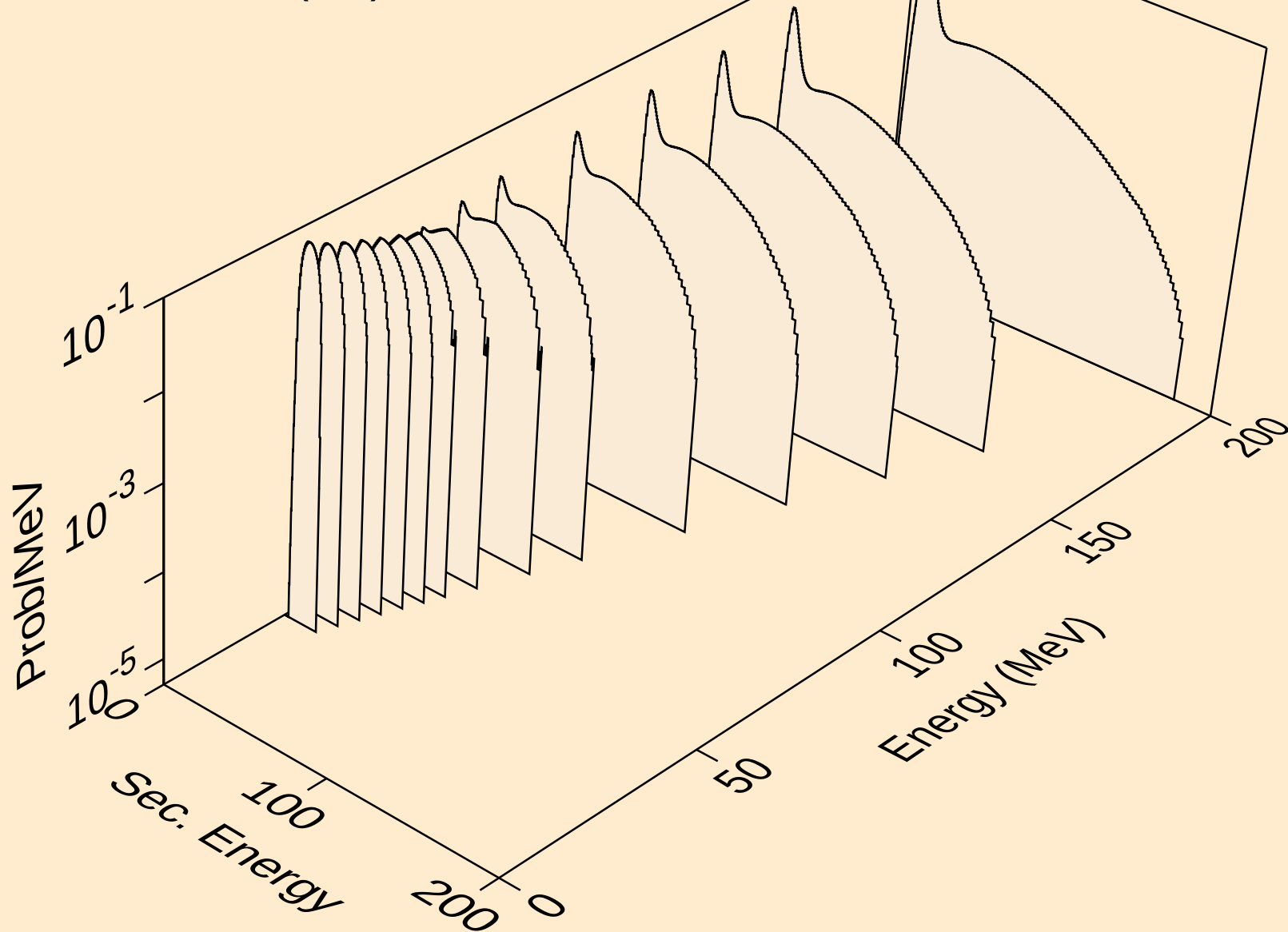
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deuterons from (n,n*)d



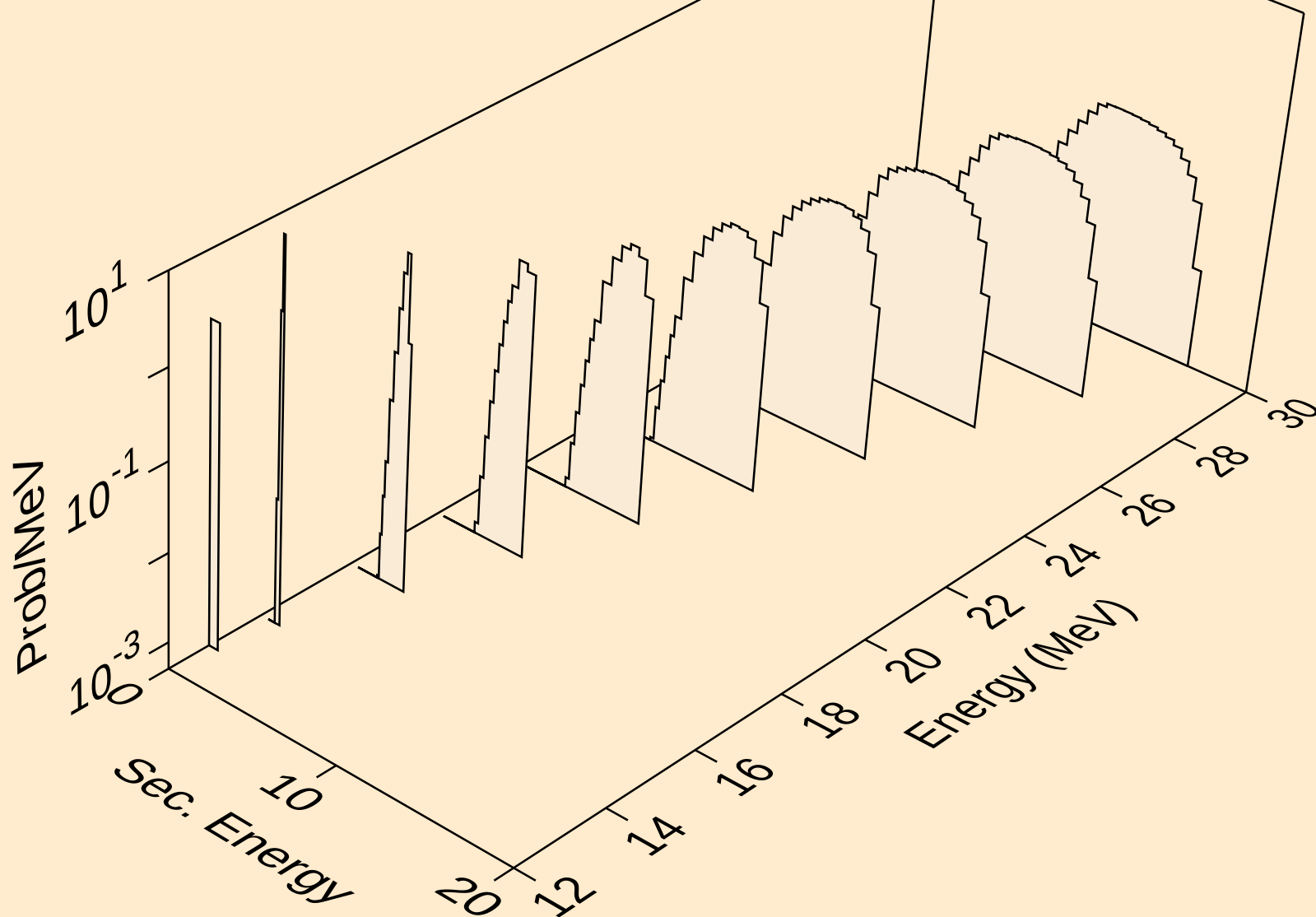
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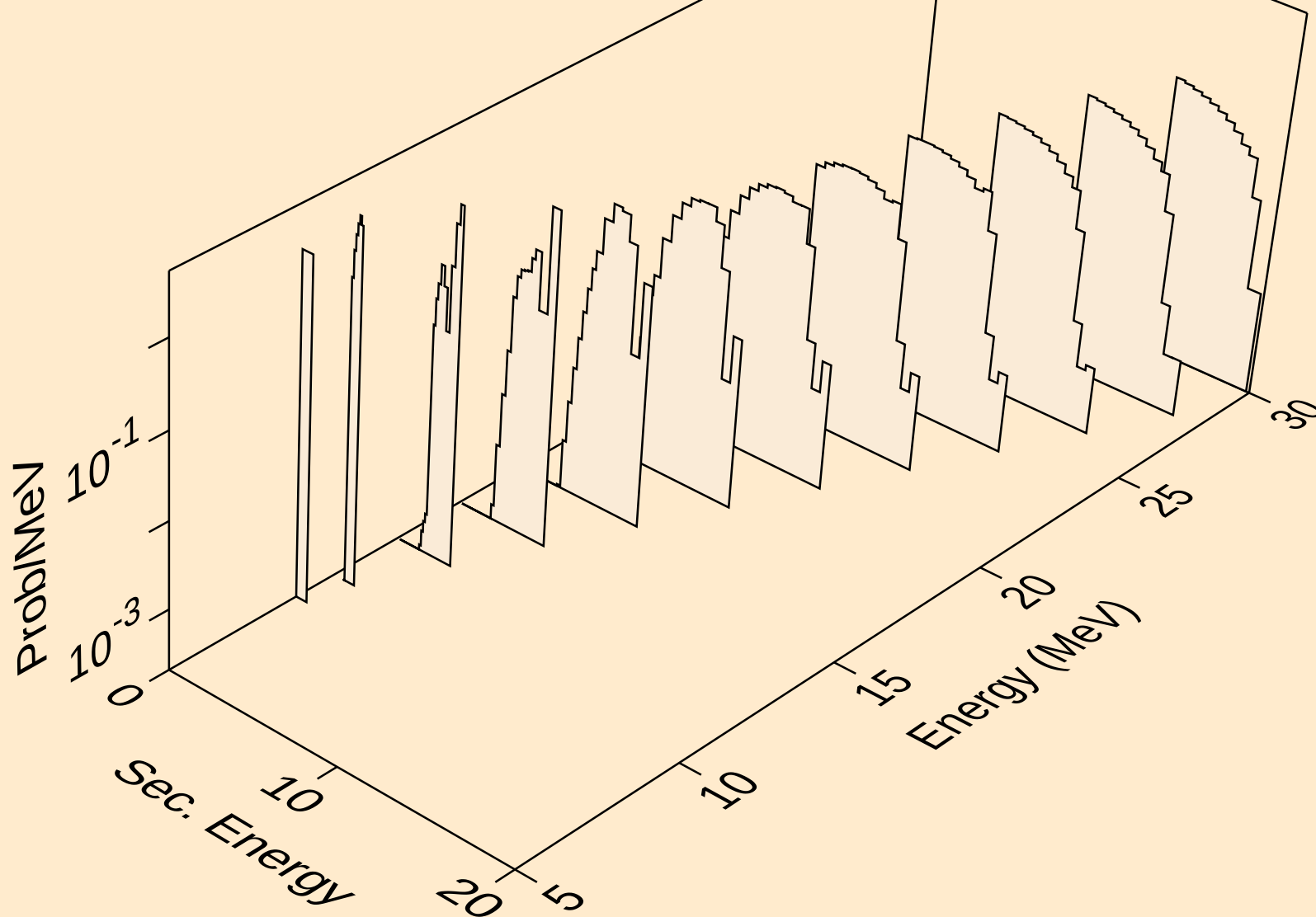
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tritons from (n,x)



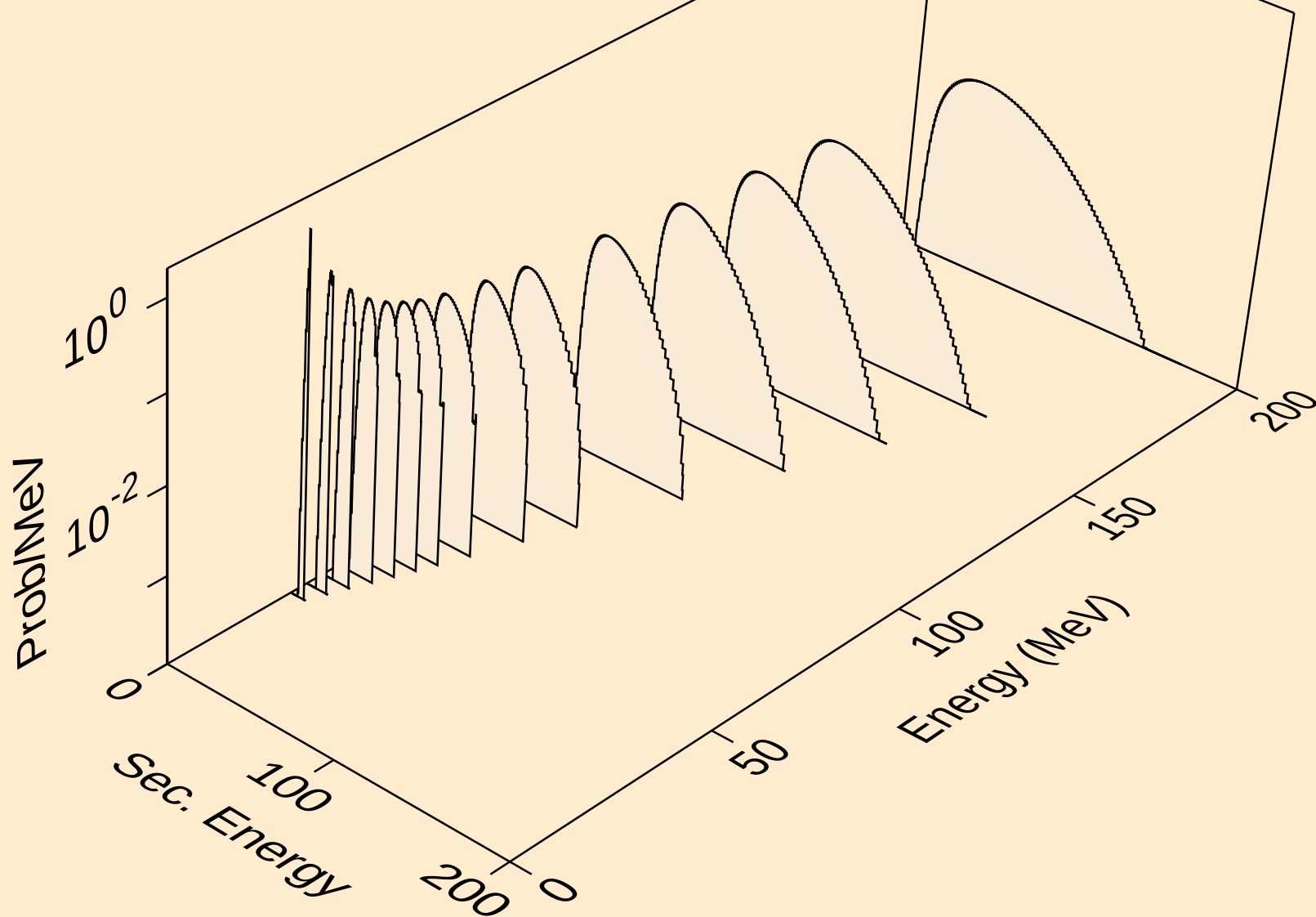
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tritons from (n,n*)t



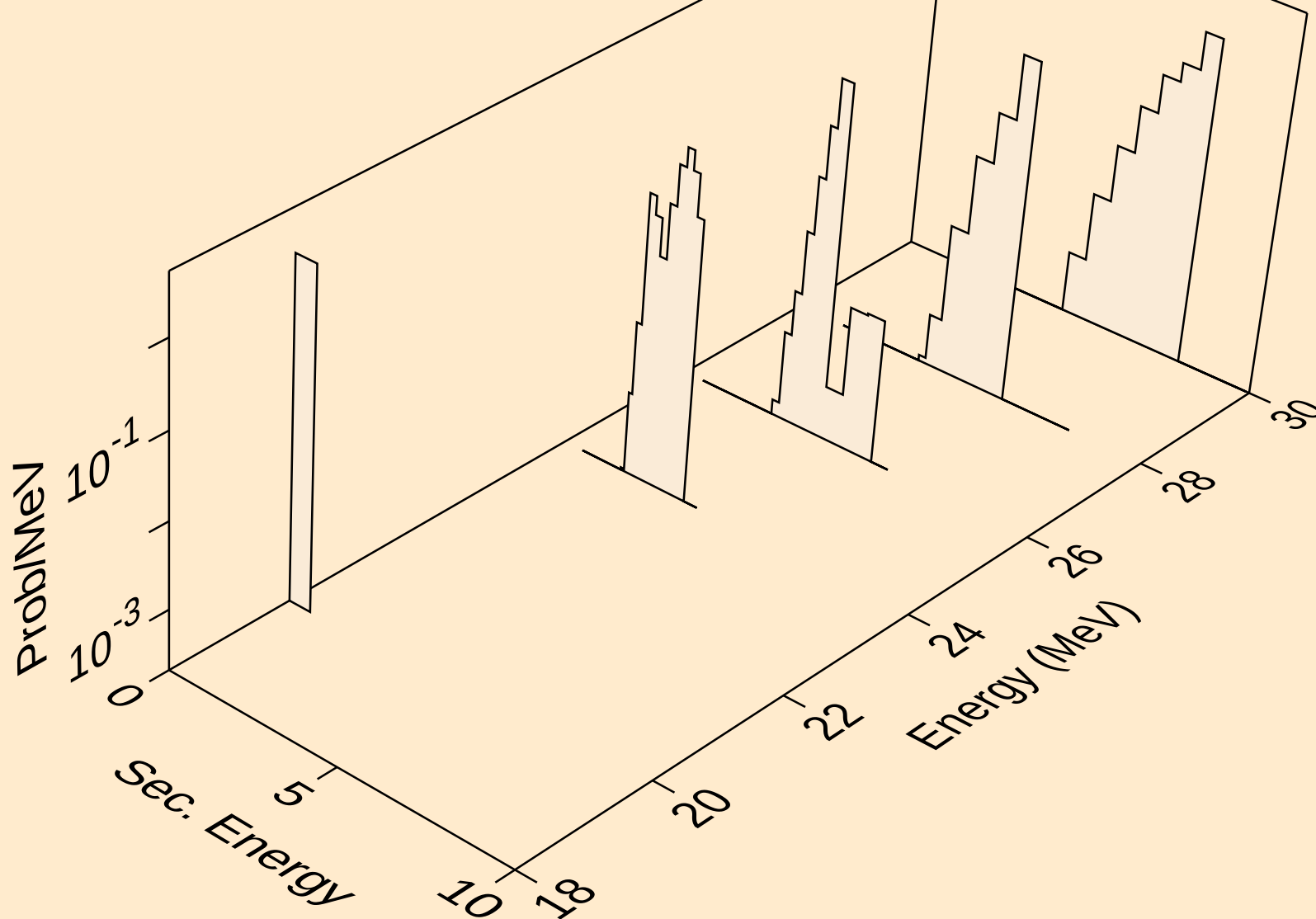
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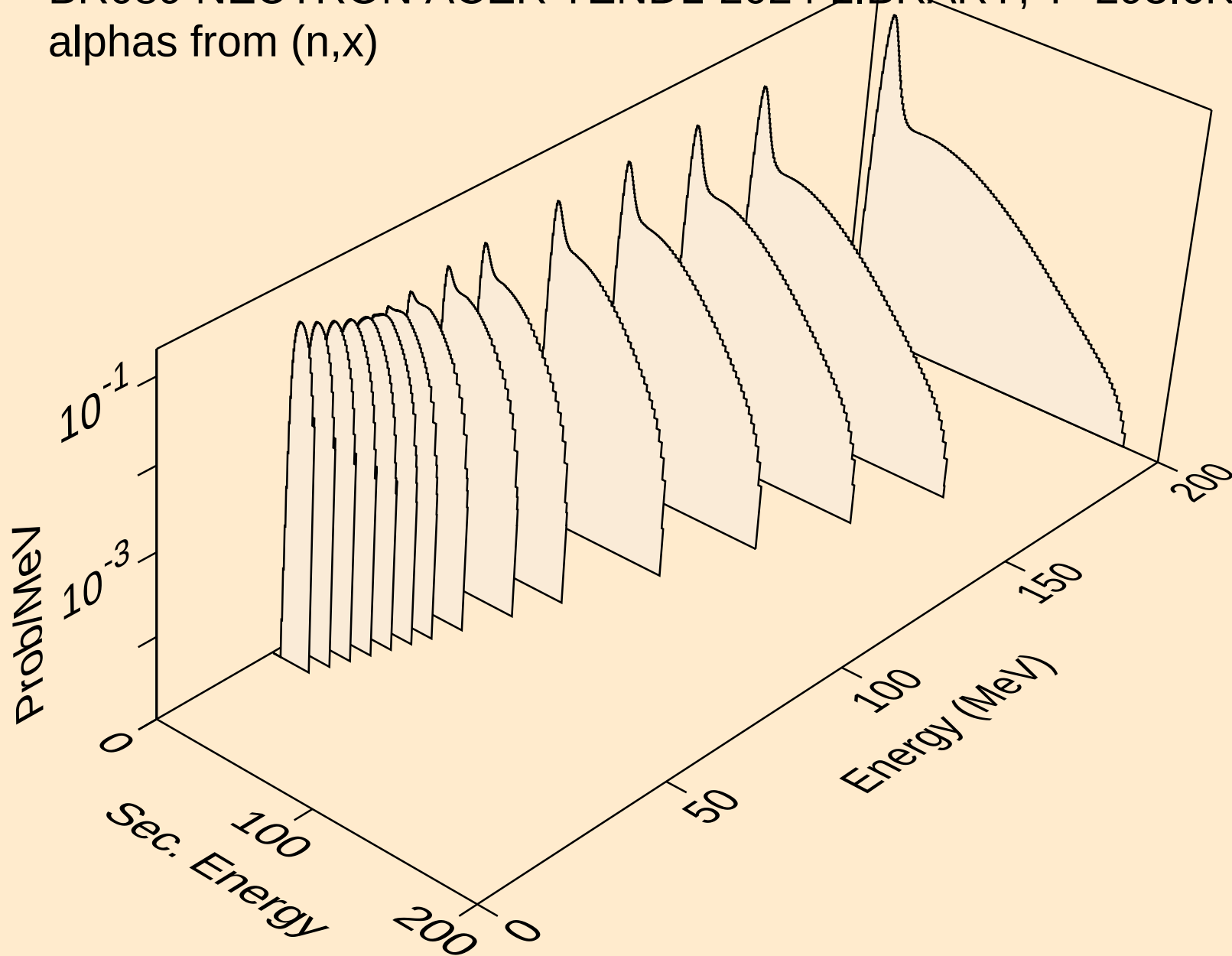
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he3s from (n,x)



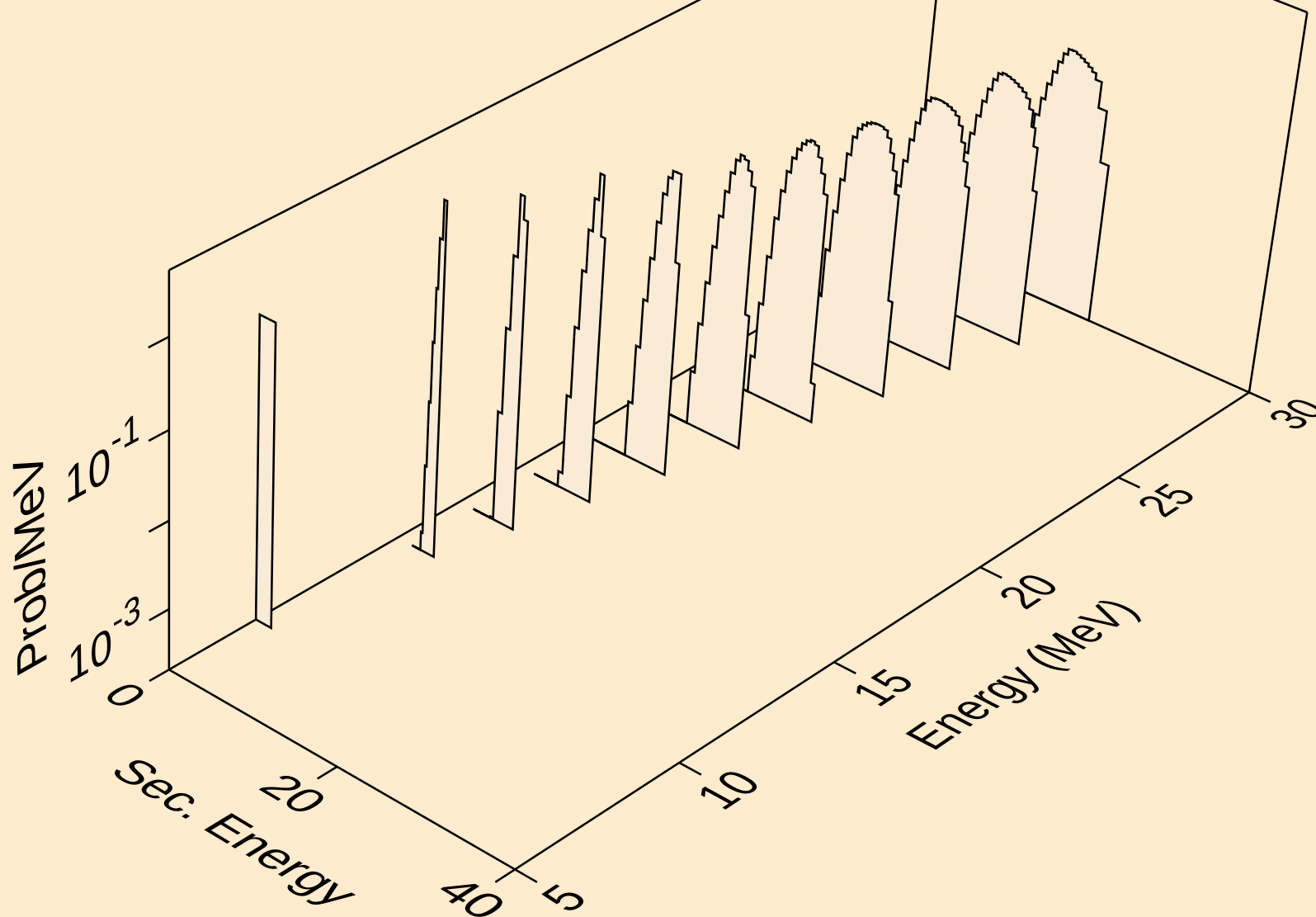
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he3s from (n,he3)



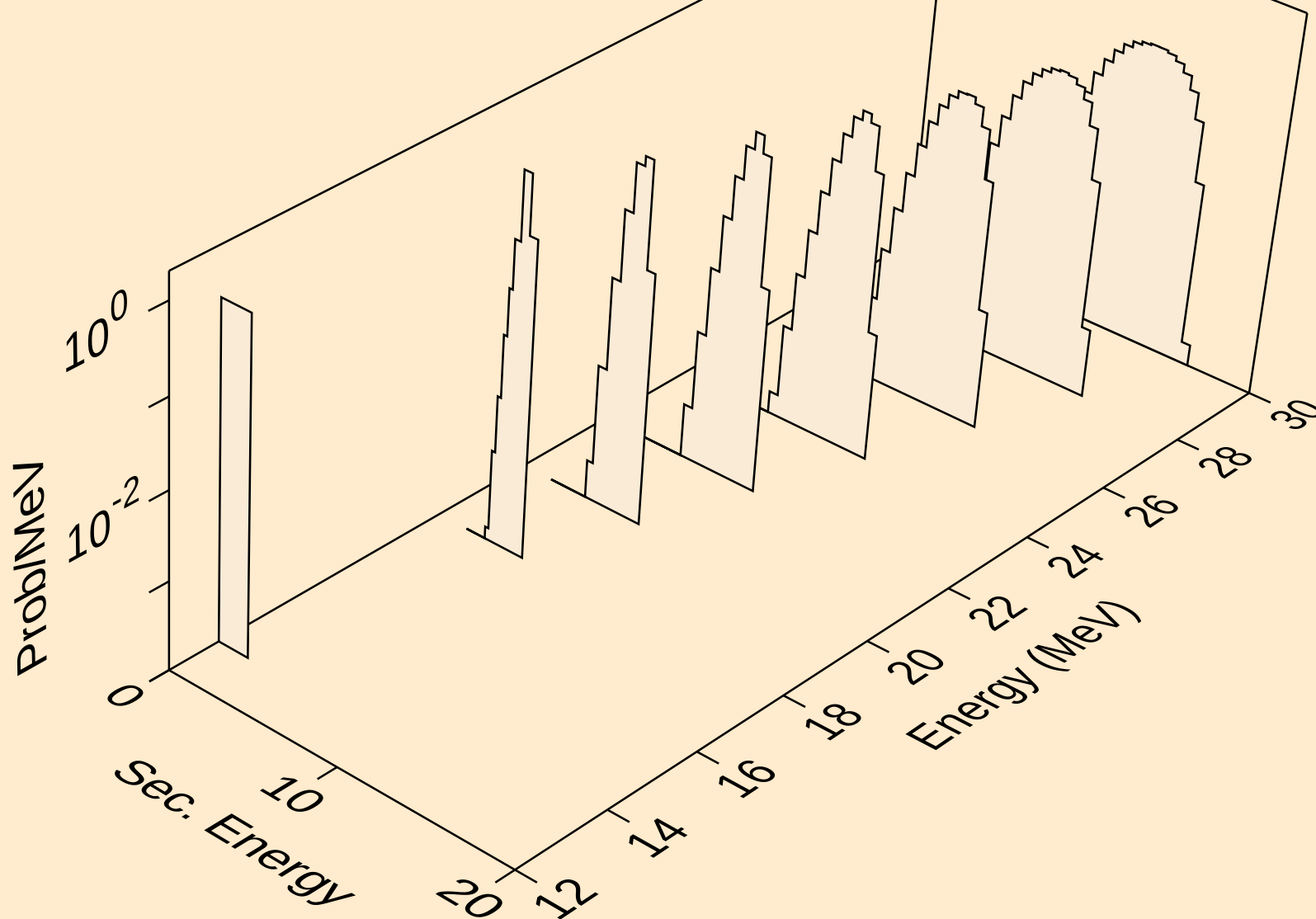
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



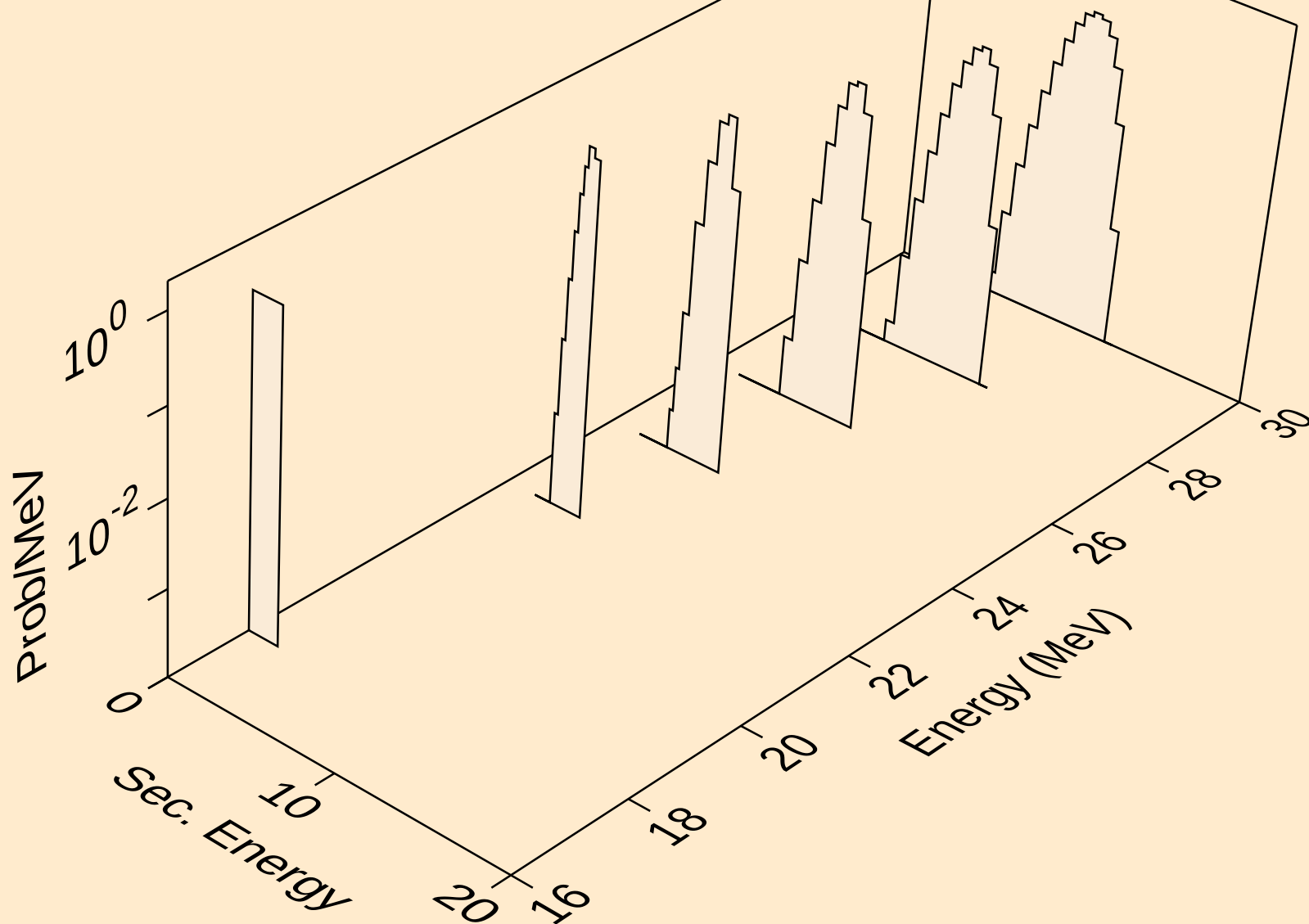
BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



BR089 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)

