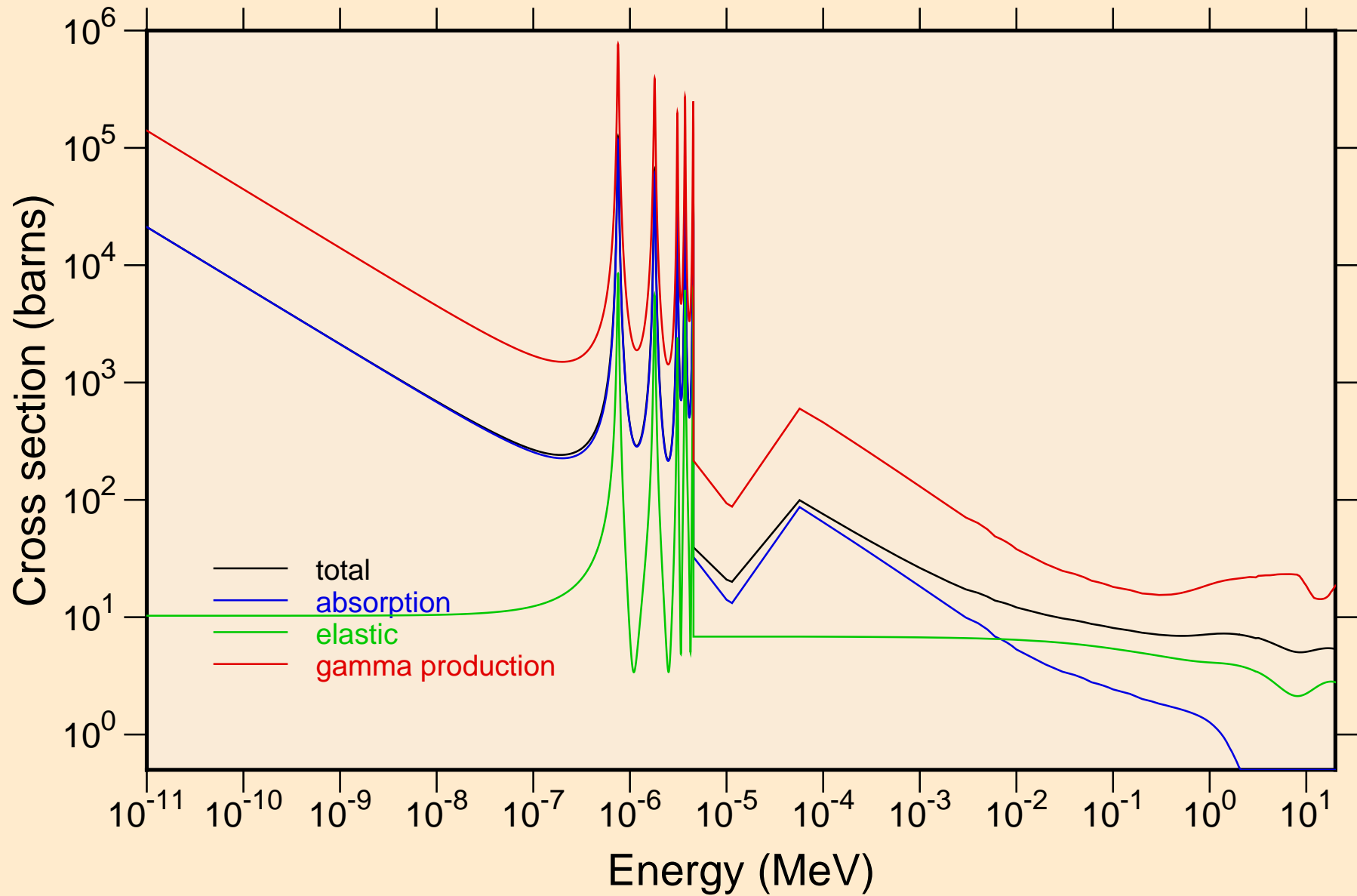
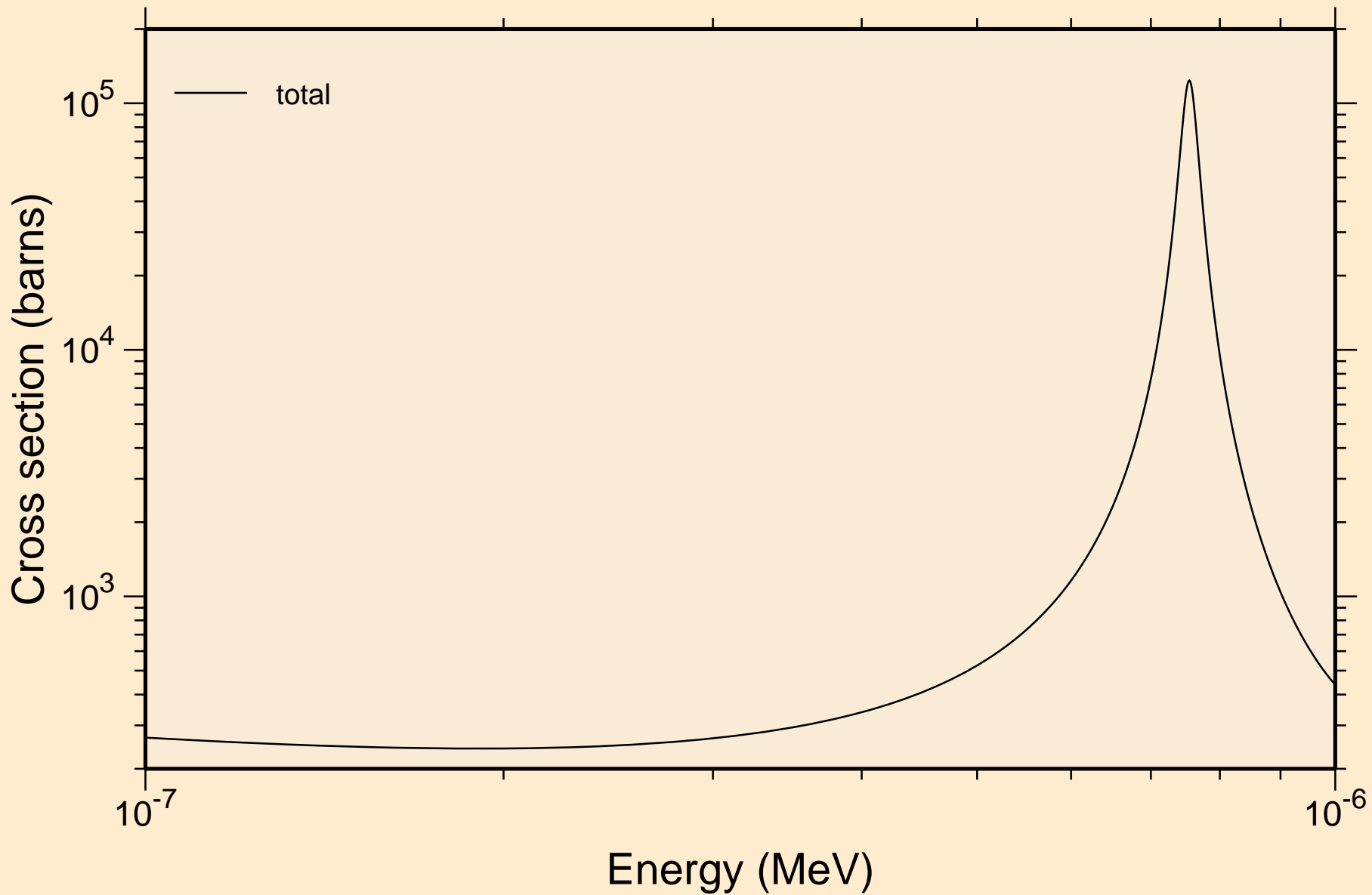


HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

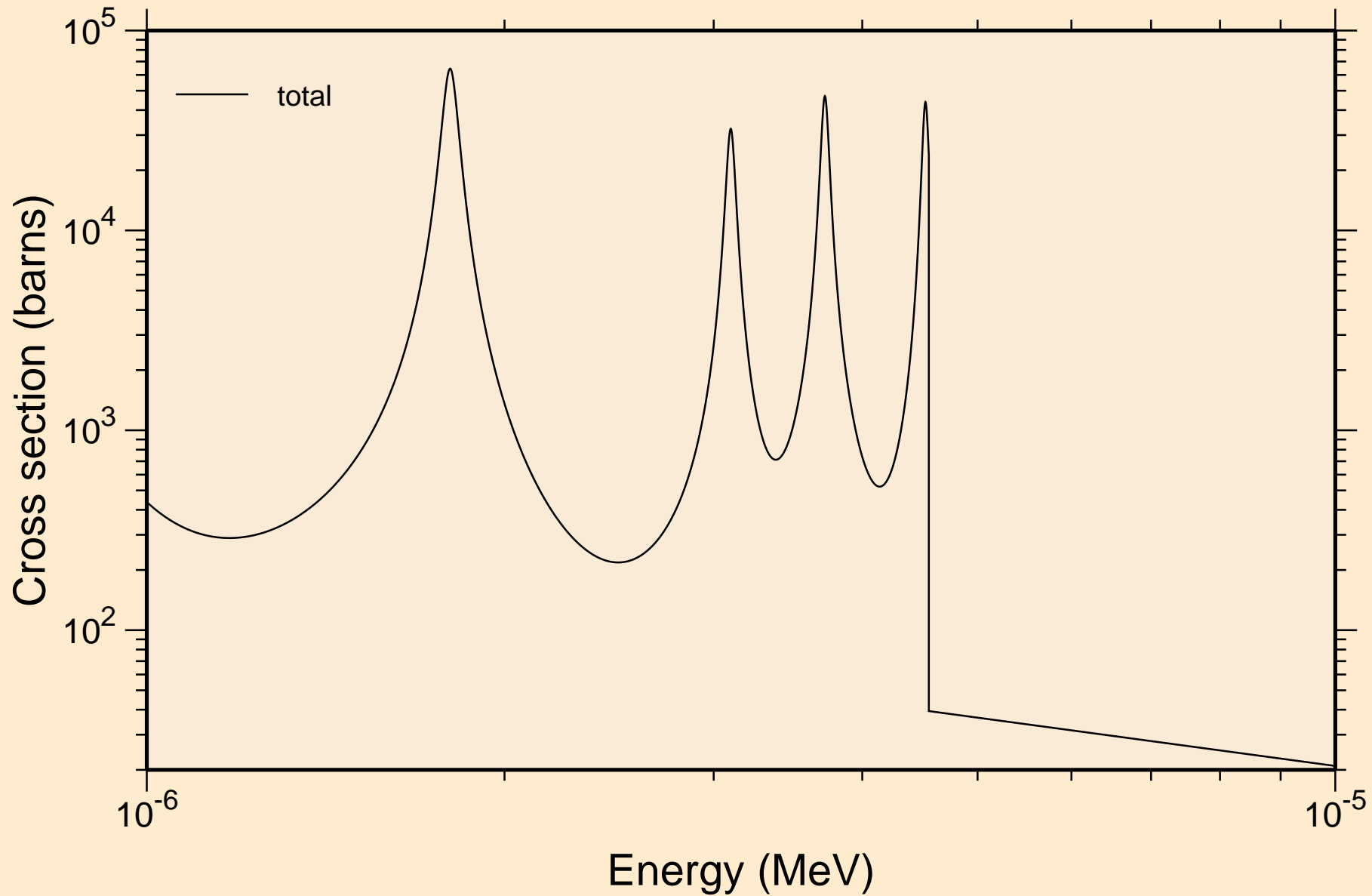
Principal cross sections



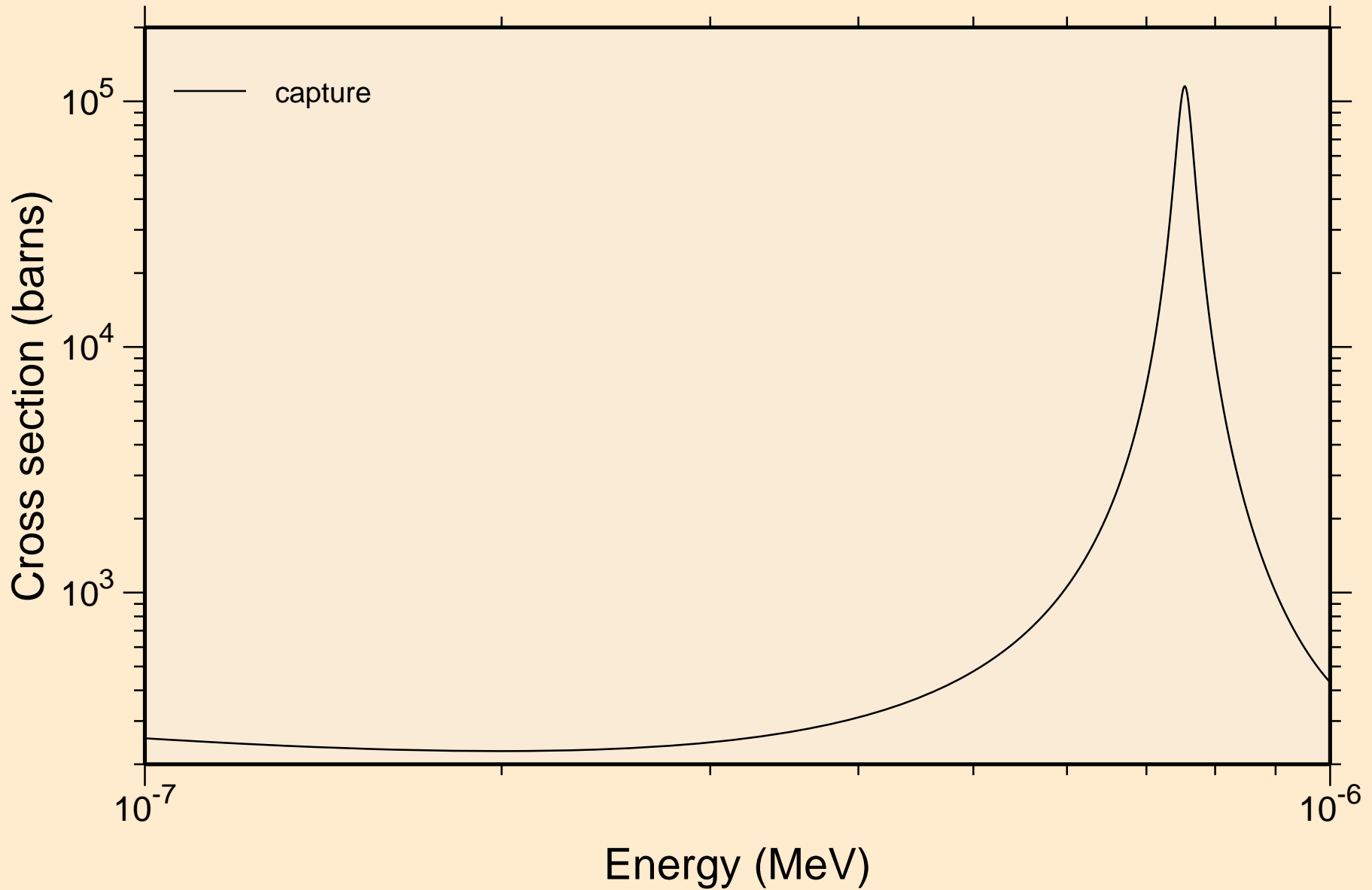
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resonance total cross section



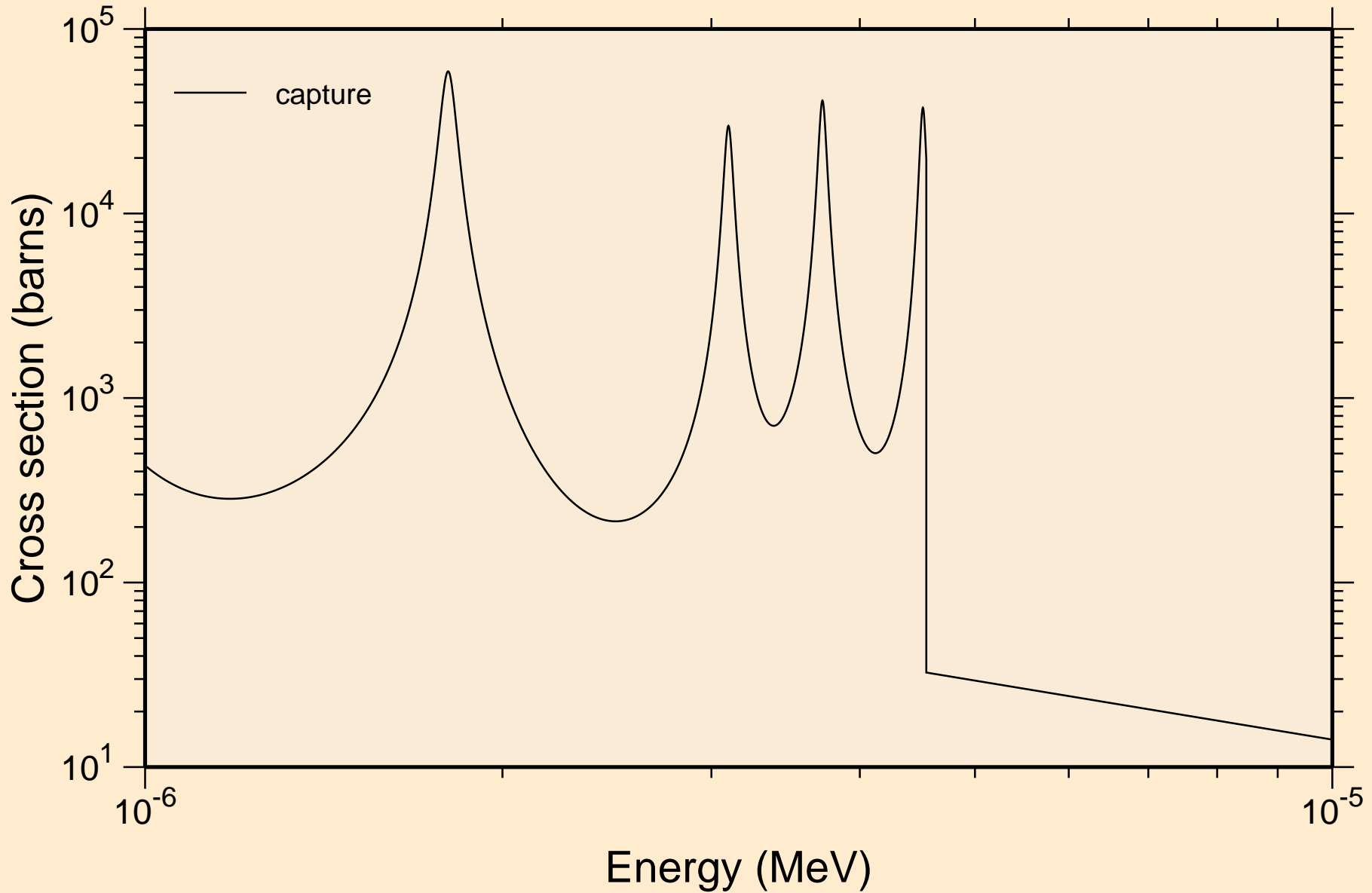
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resonance total cross section



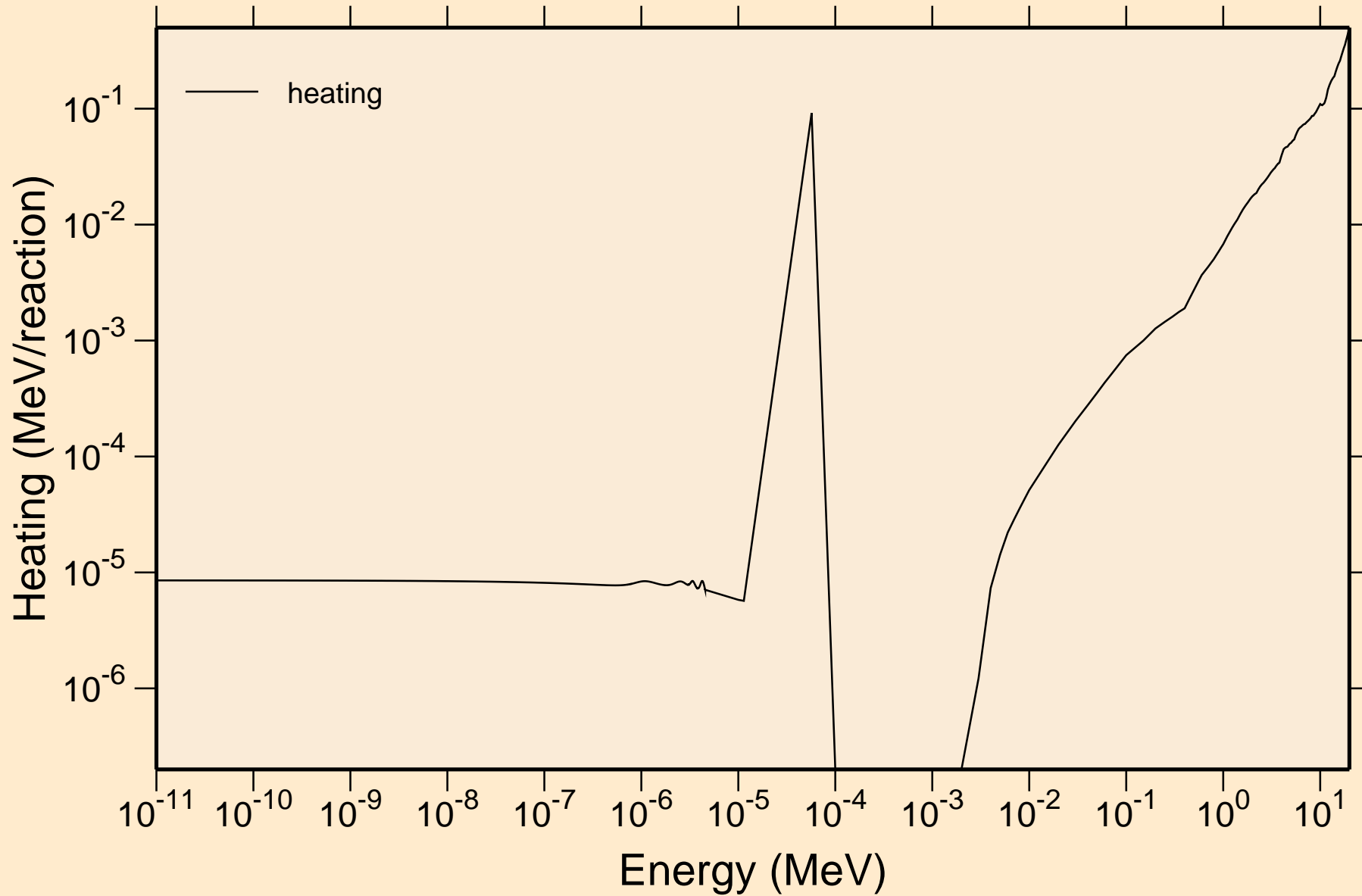
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

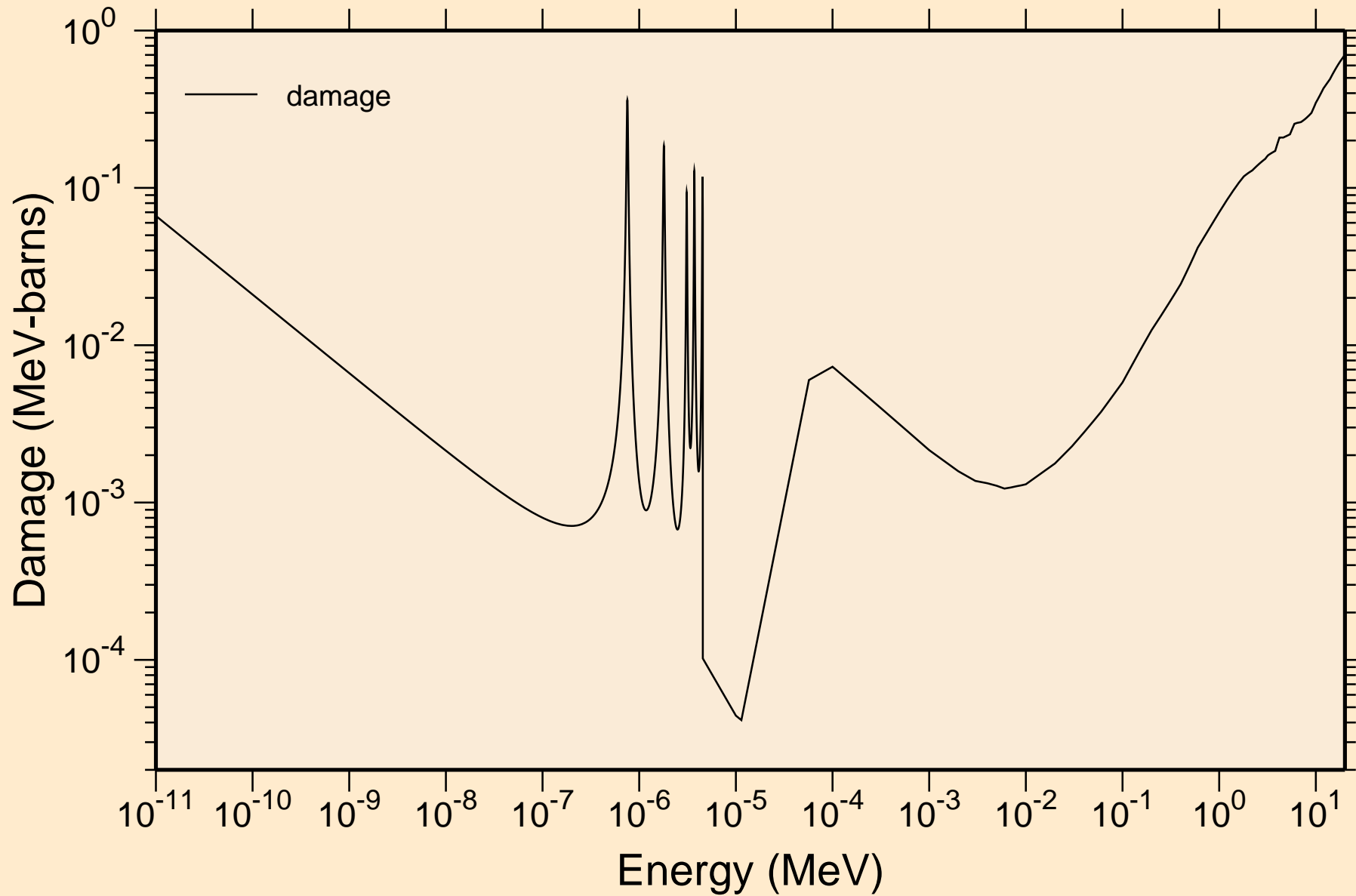


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Heating



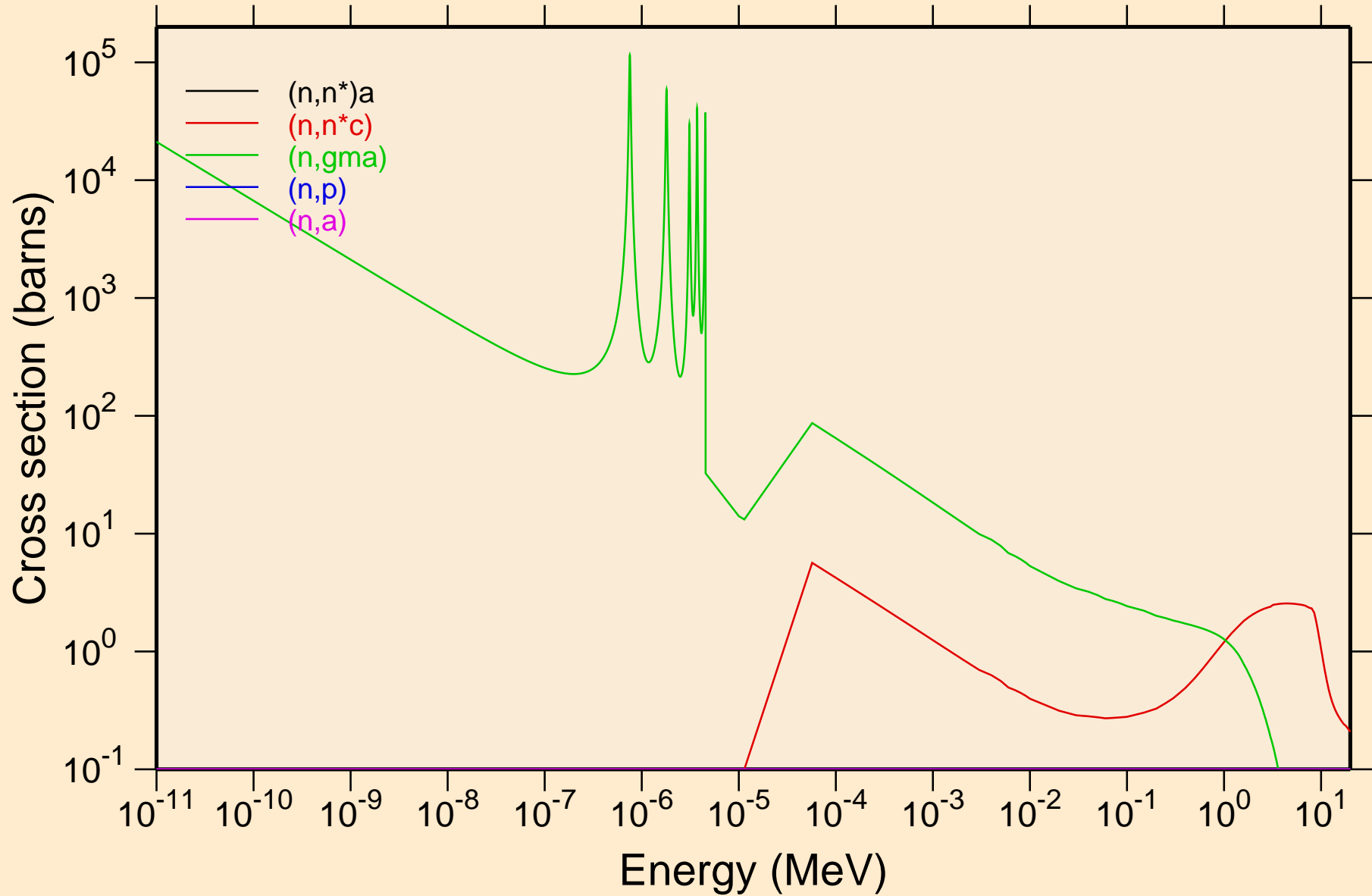
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Damage

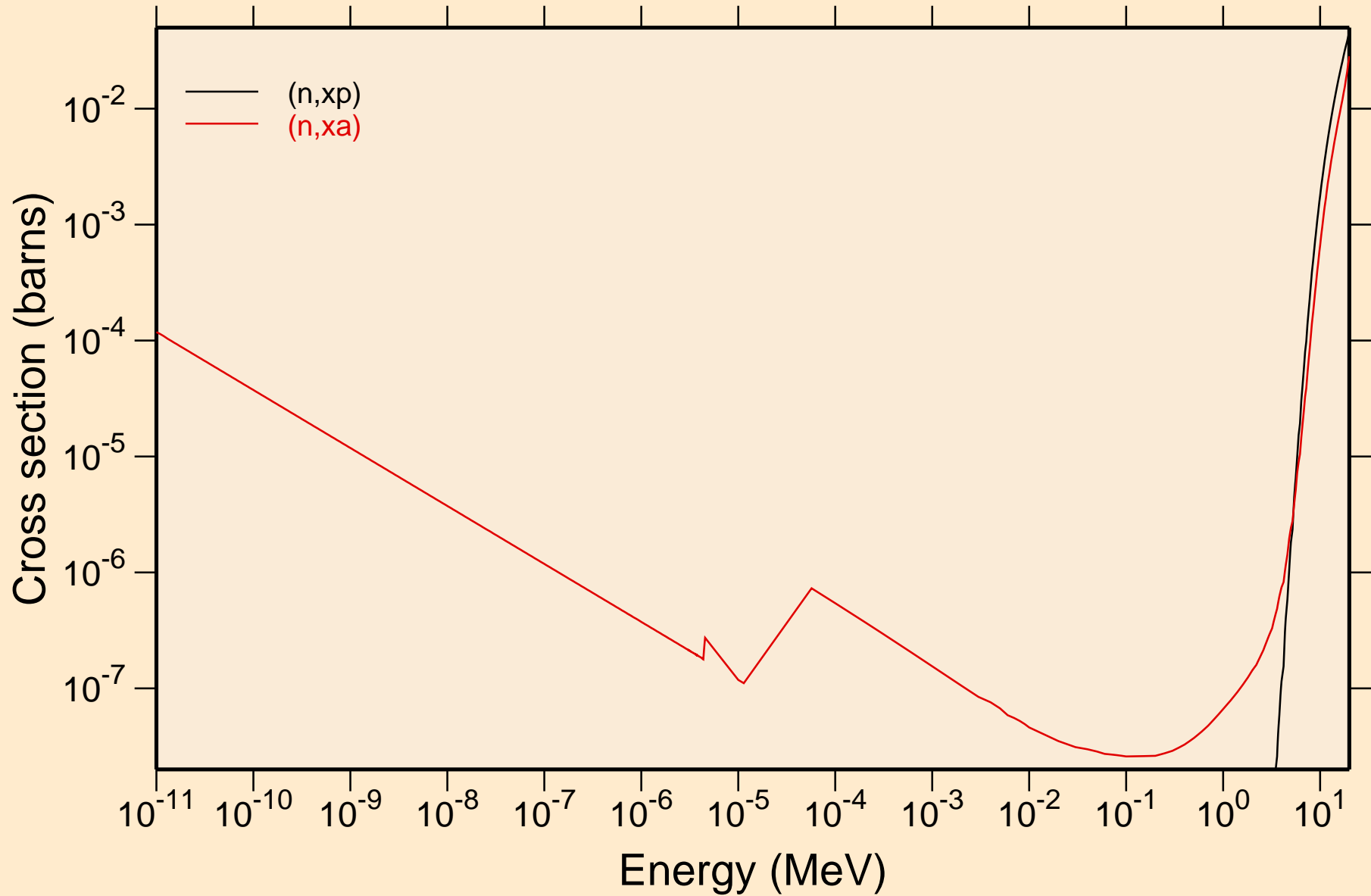


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Non-threshold reactions

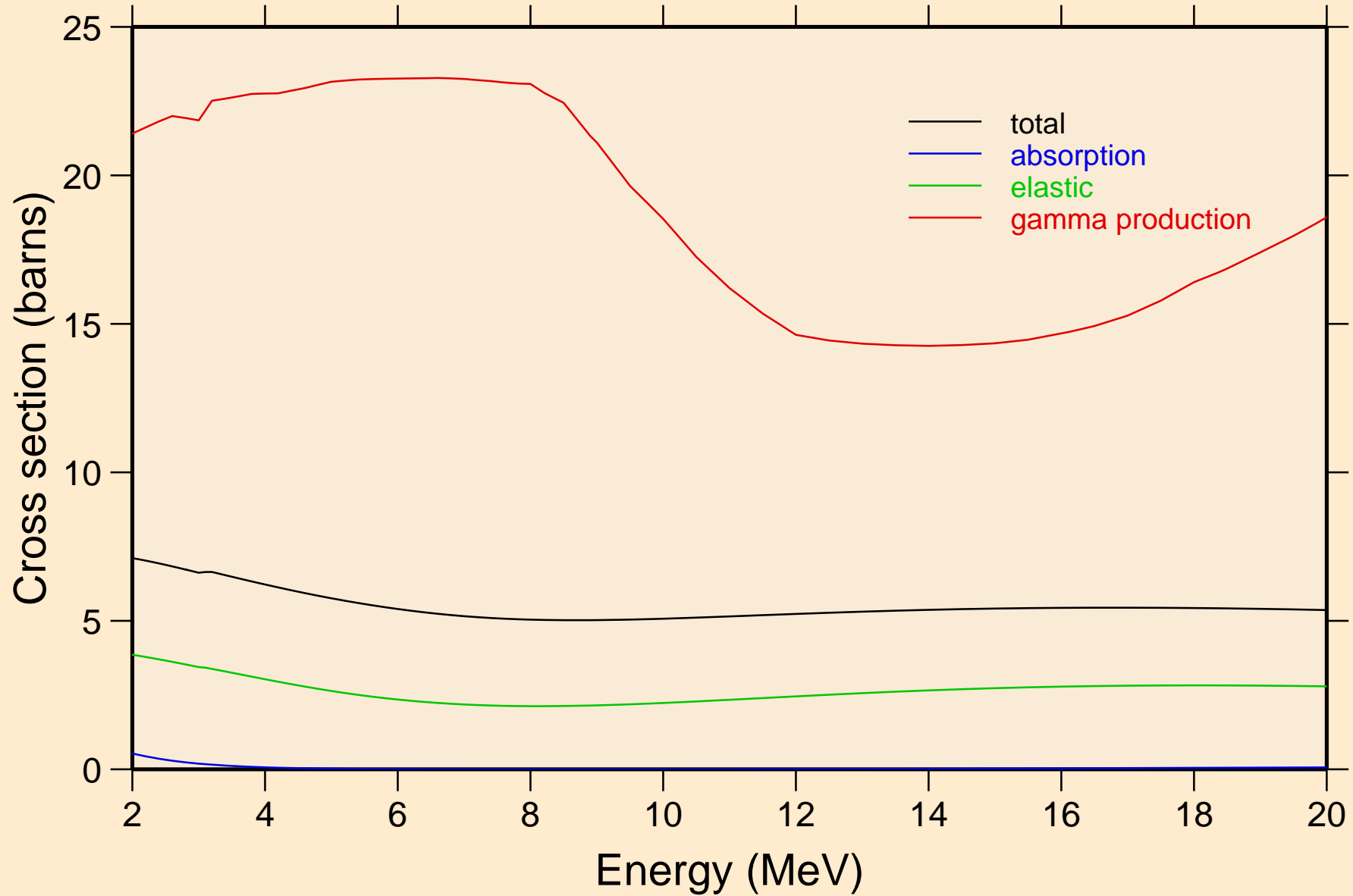


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Non-threshold reactions



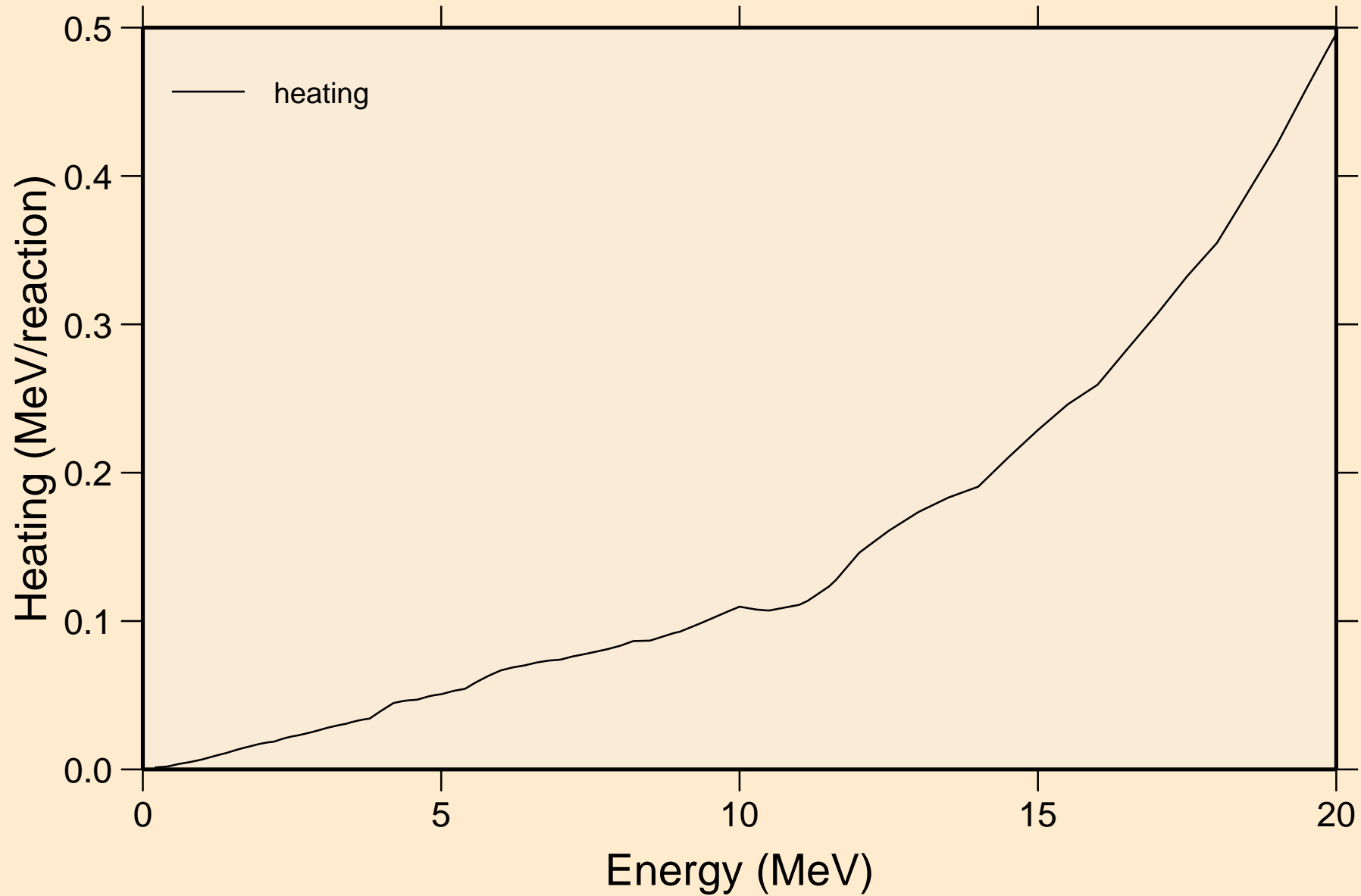
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Principal cross sections



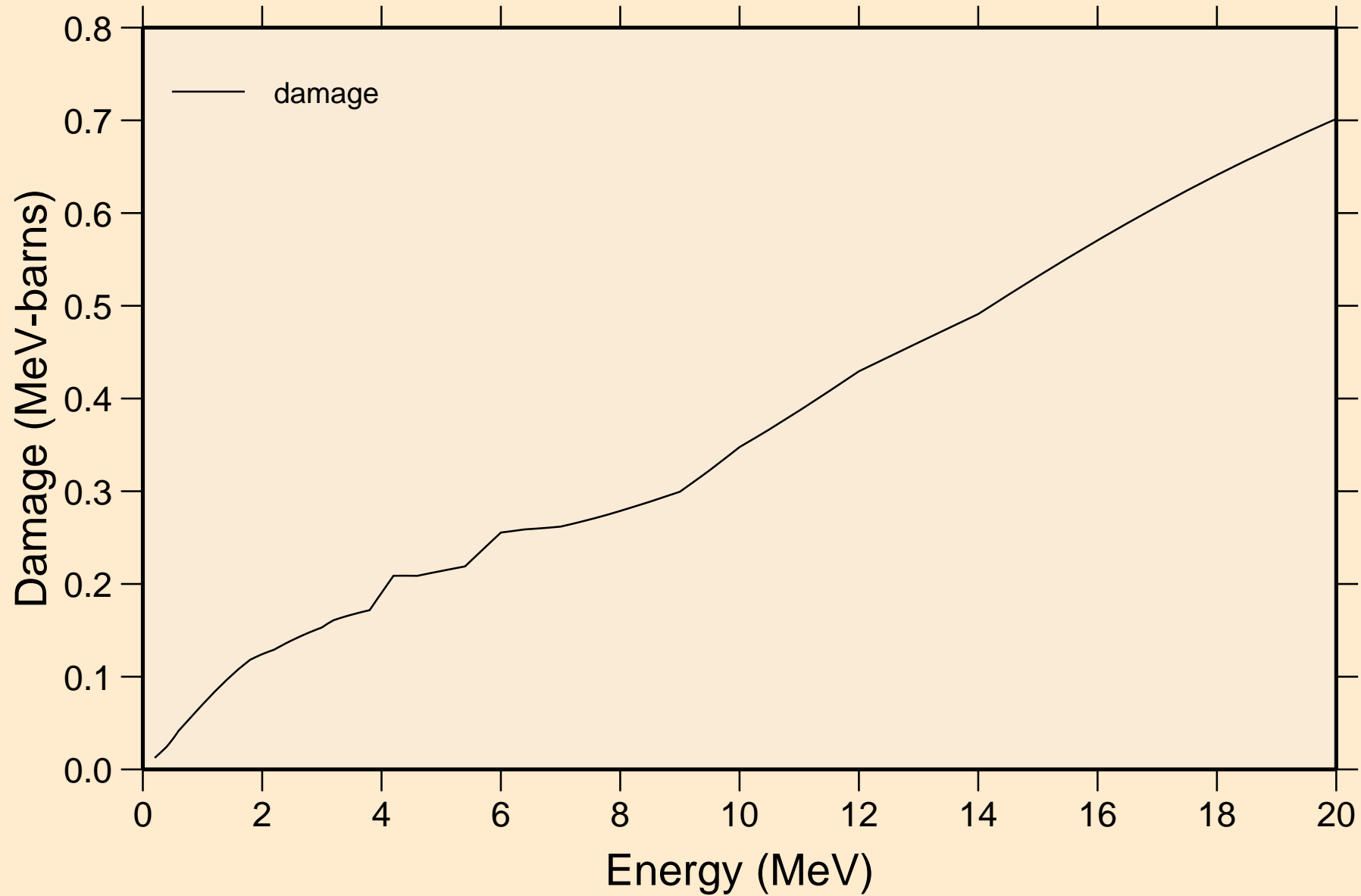
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Heating



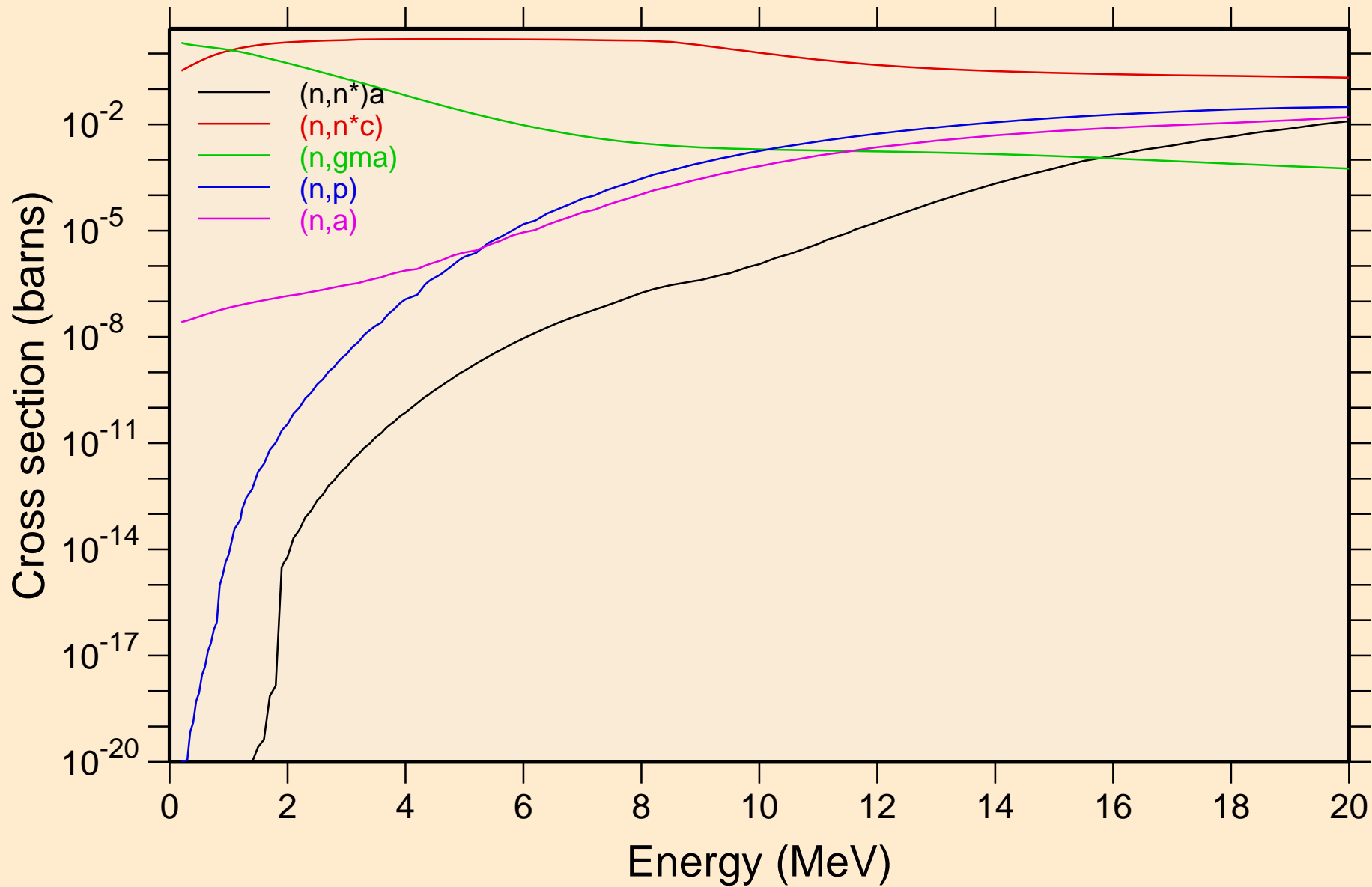
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Damage

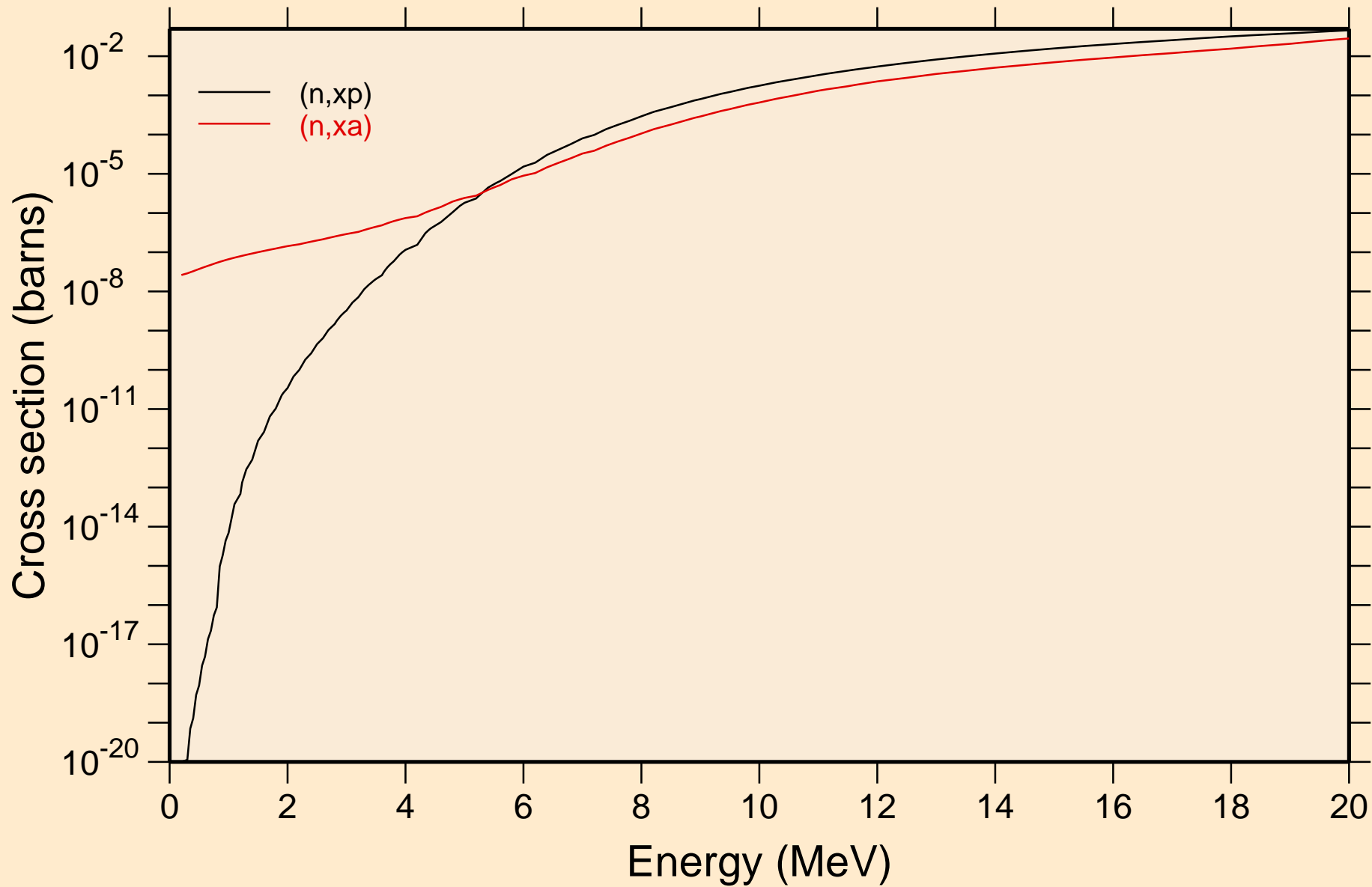


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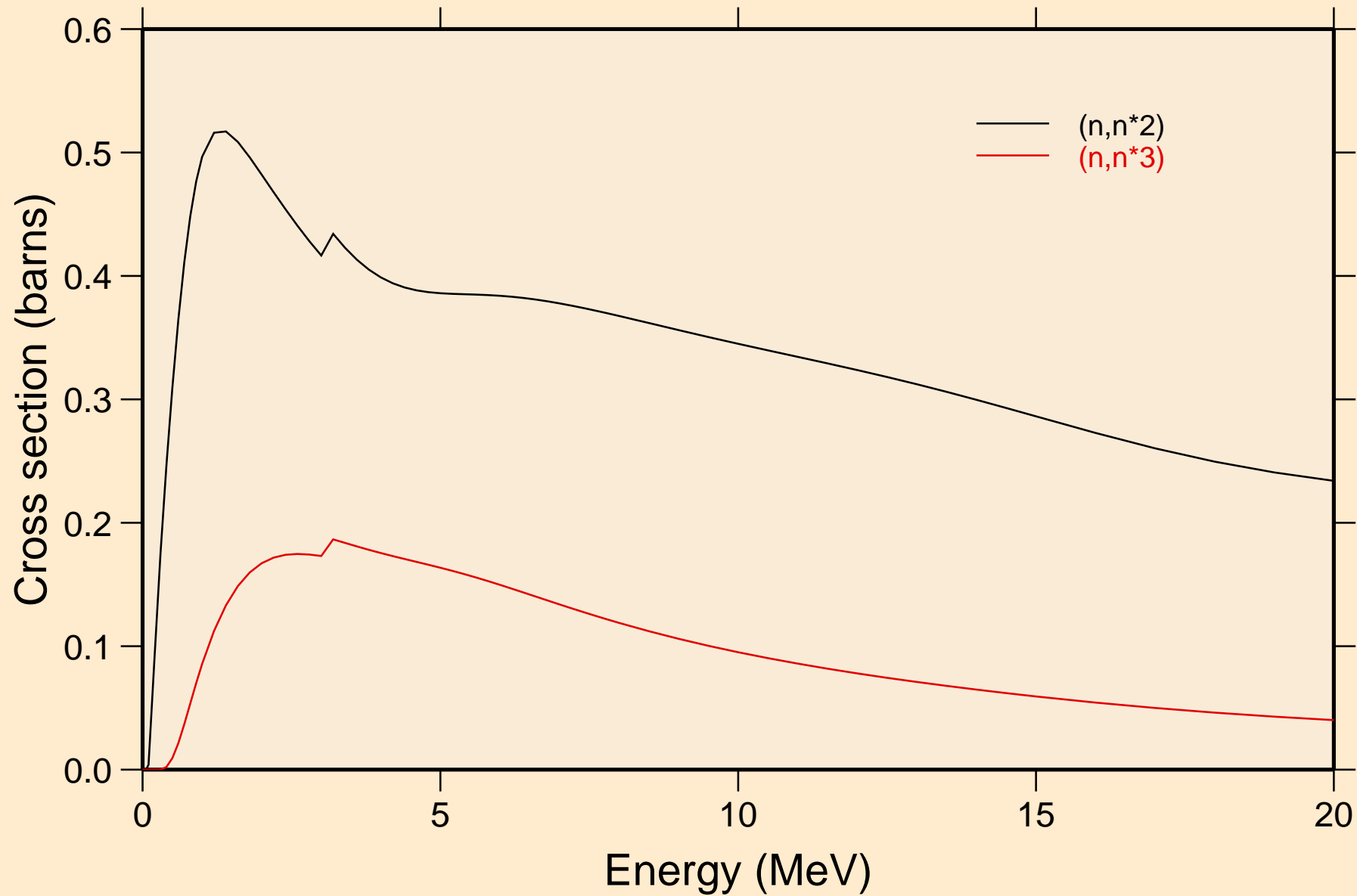
Non-threshold reactions



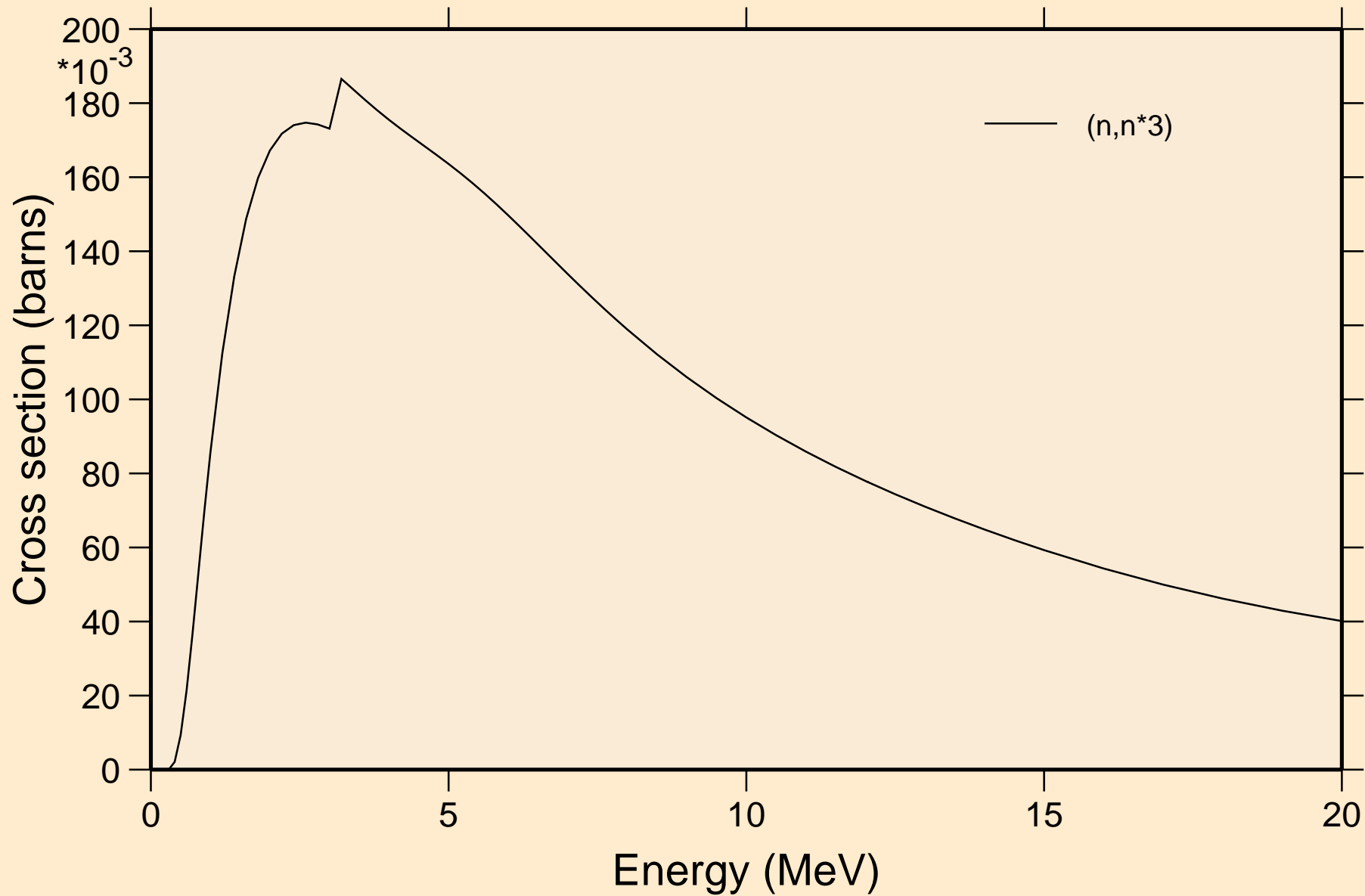
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

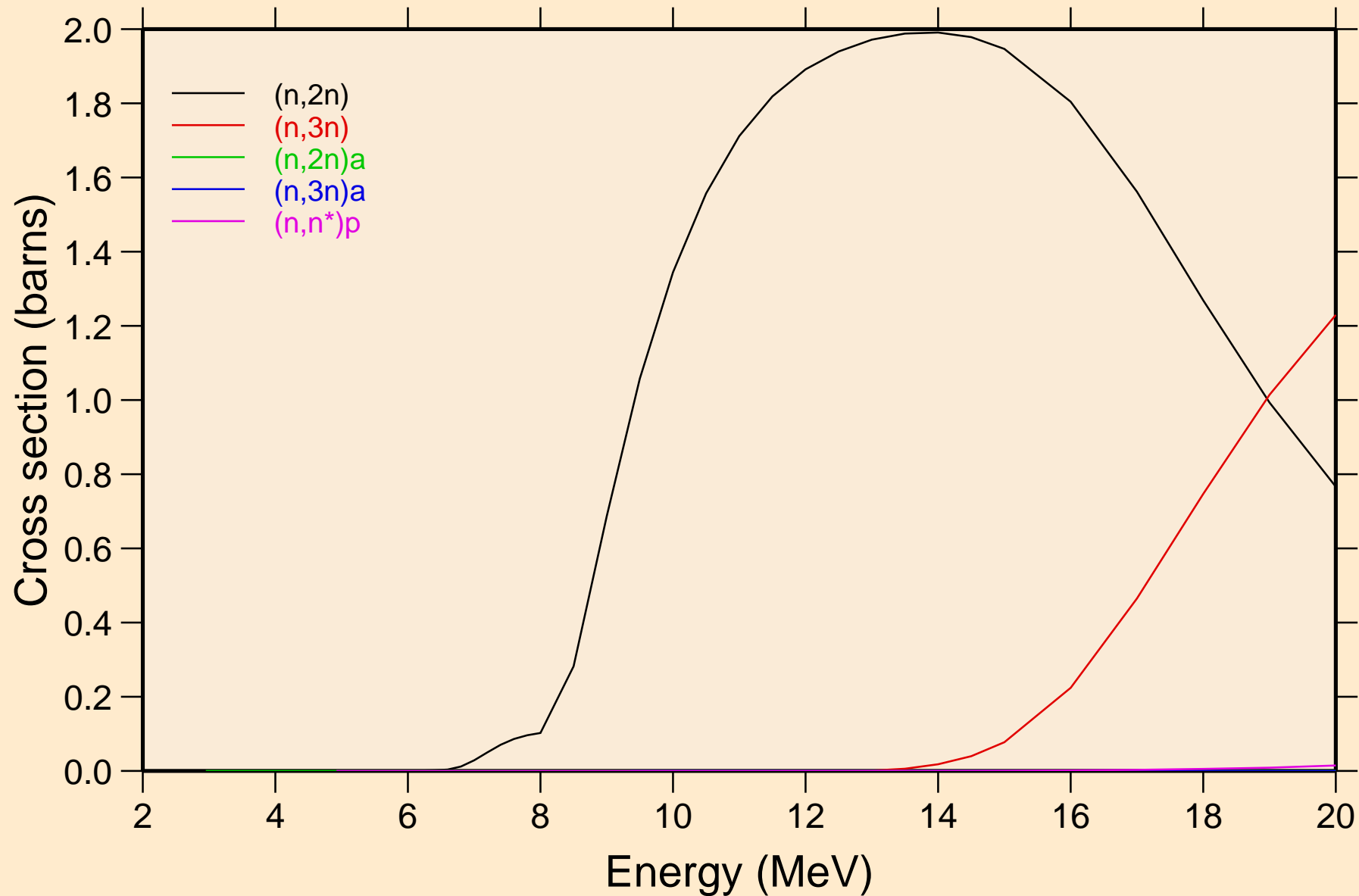


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Inelastic levels



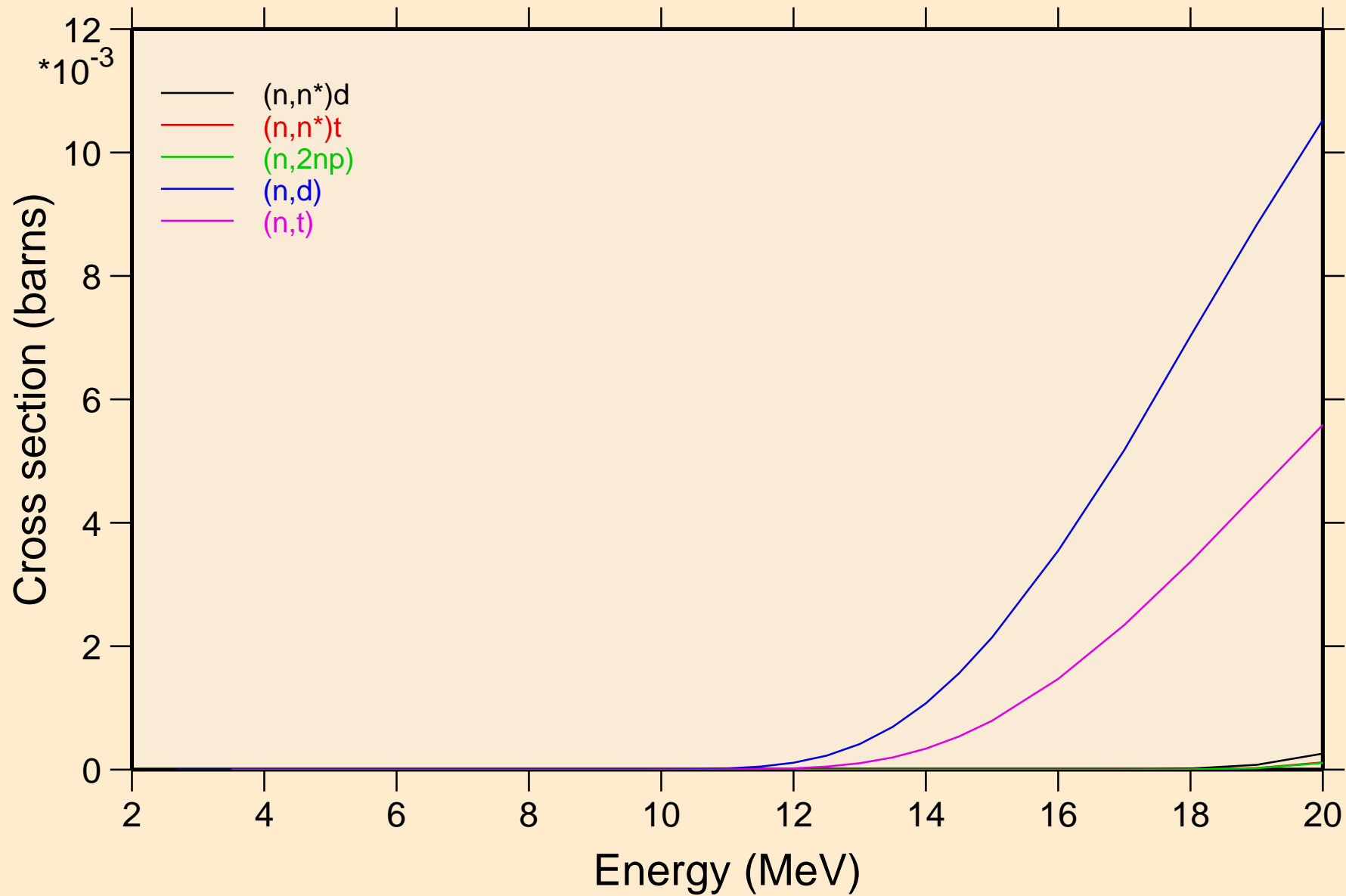
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Threshold reactions



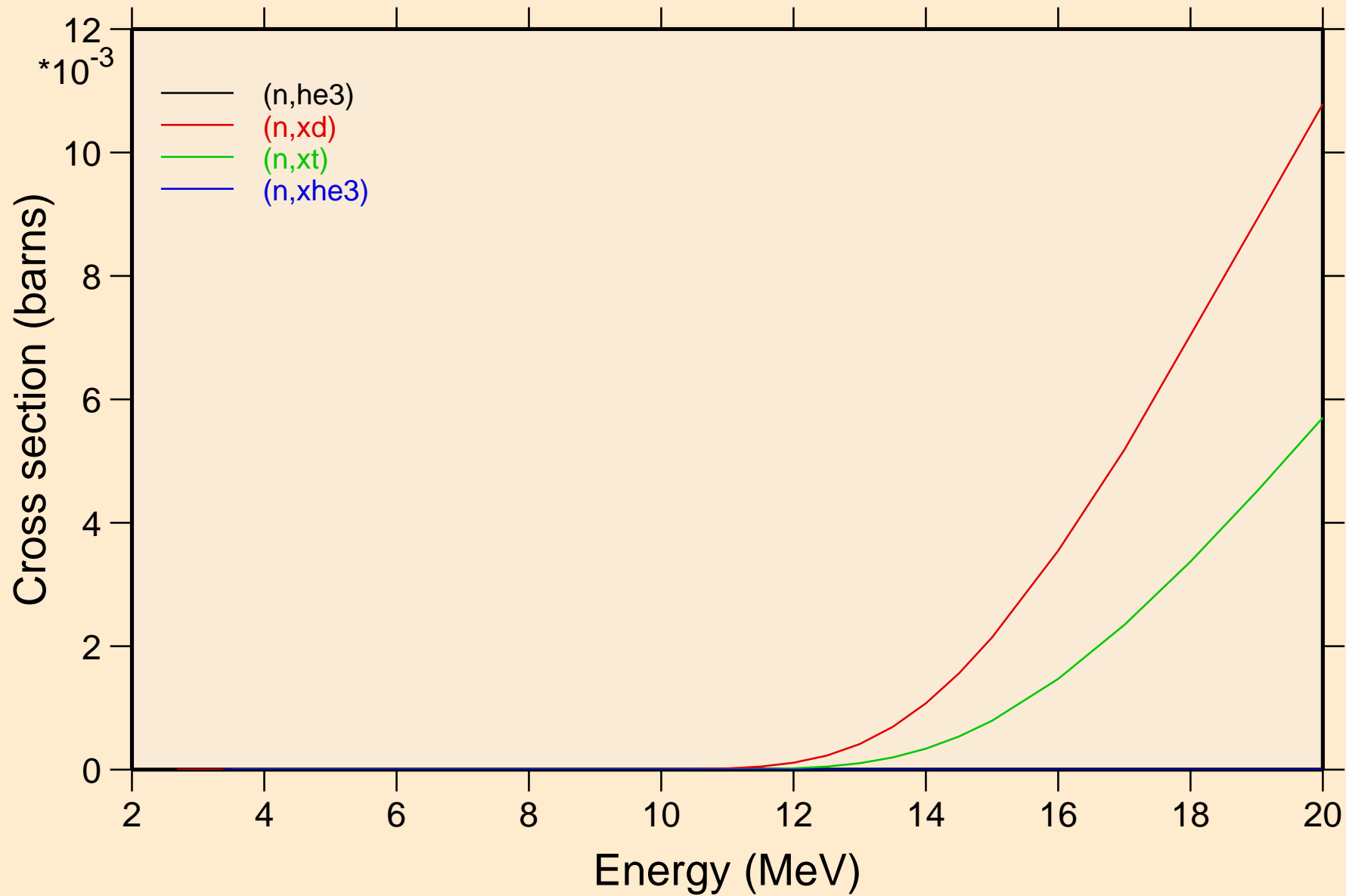
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Threshold reactions

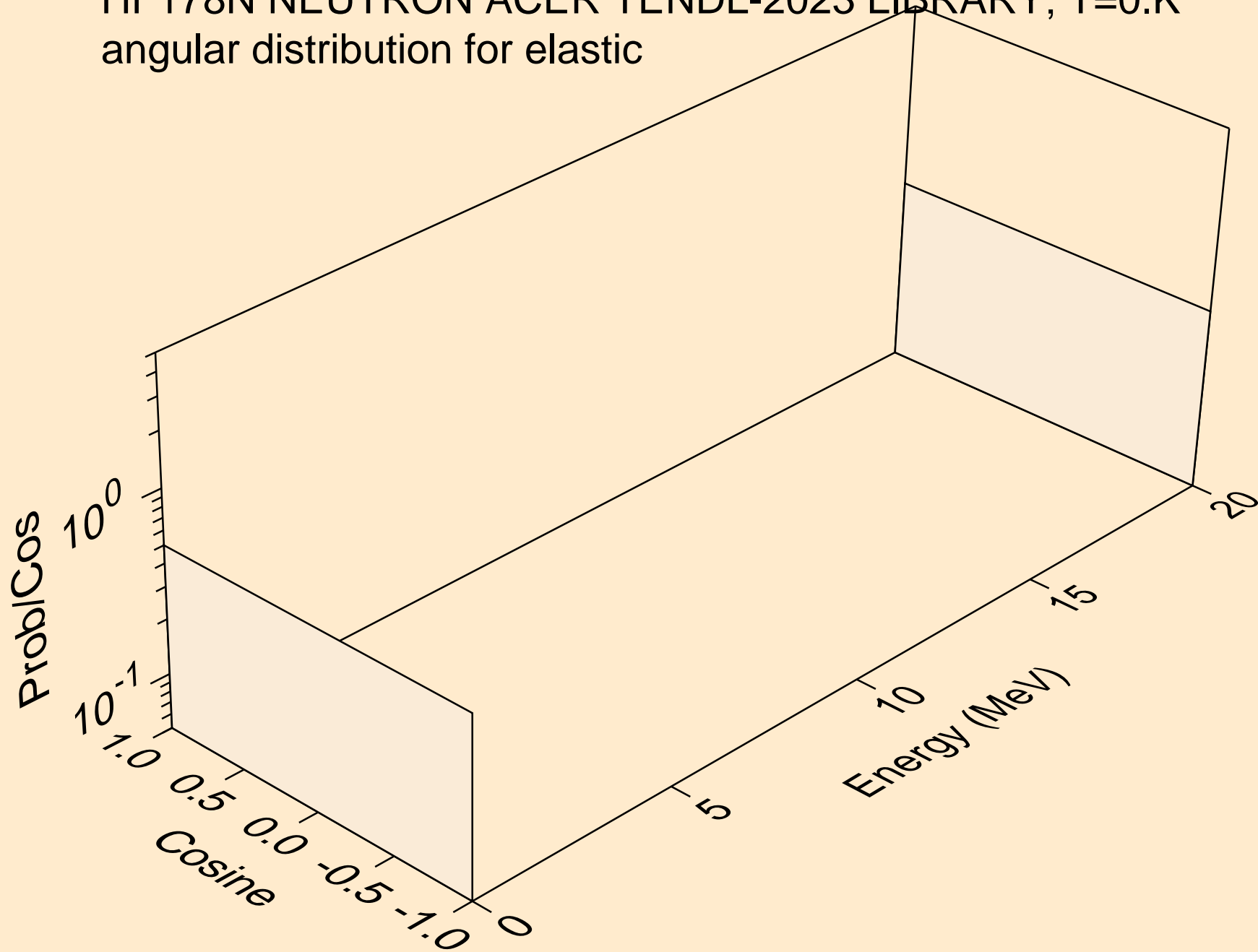


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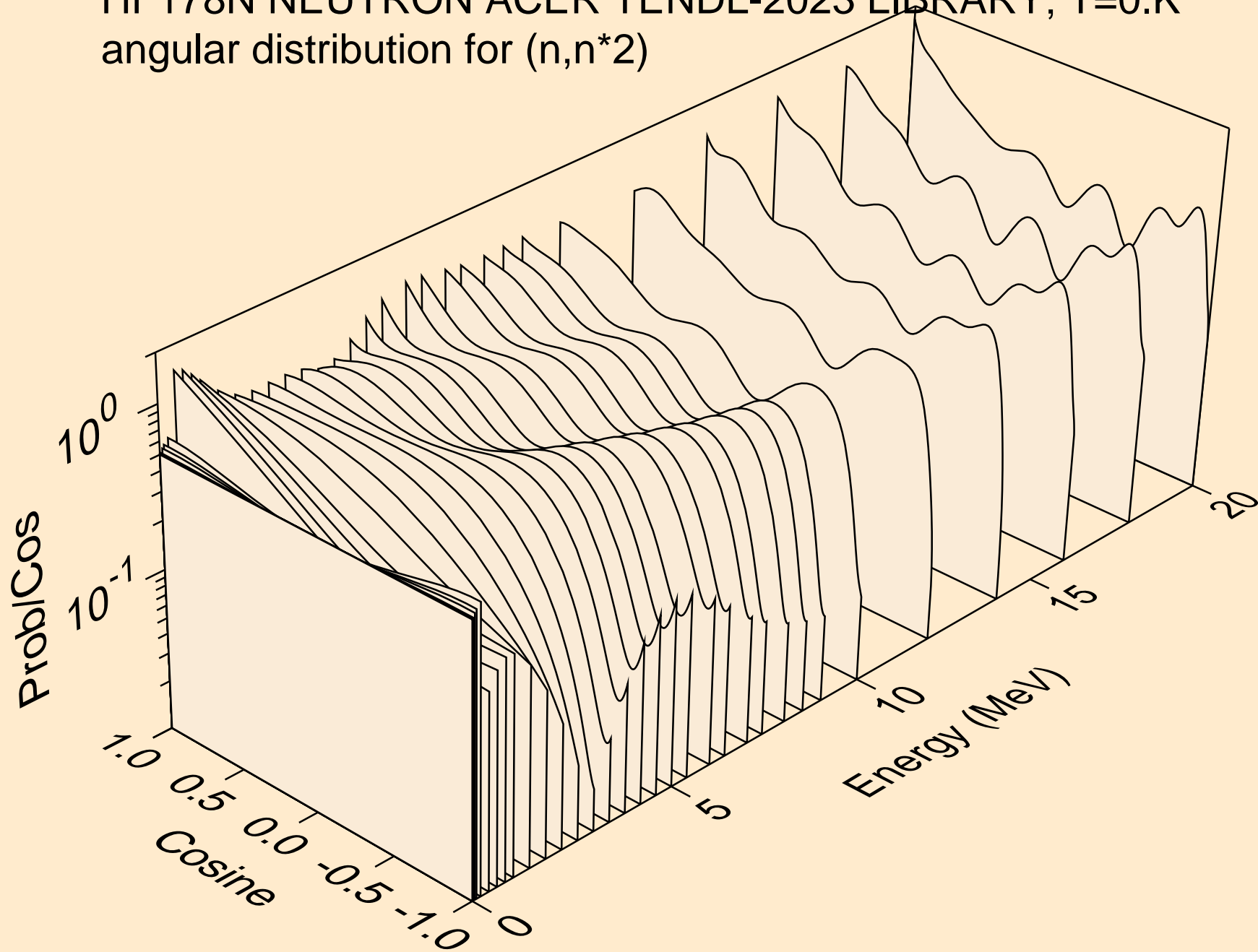
Threshold reactions



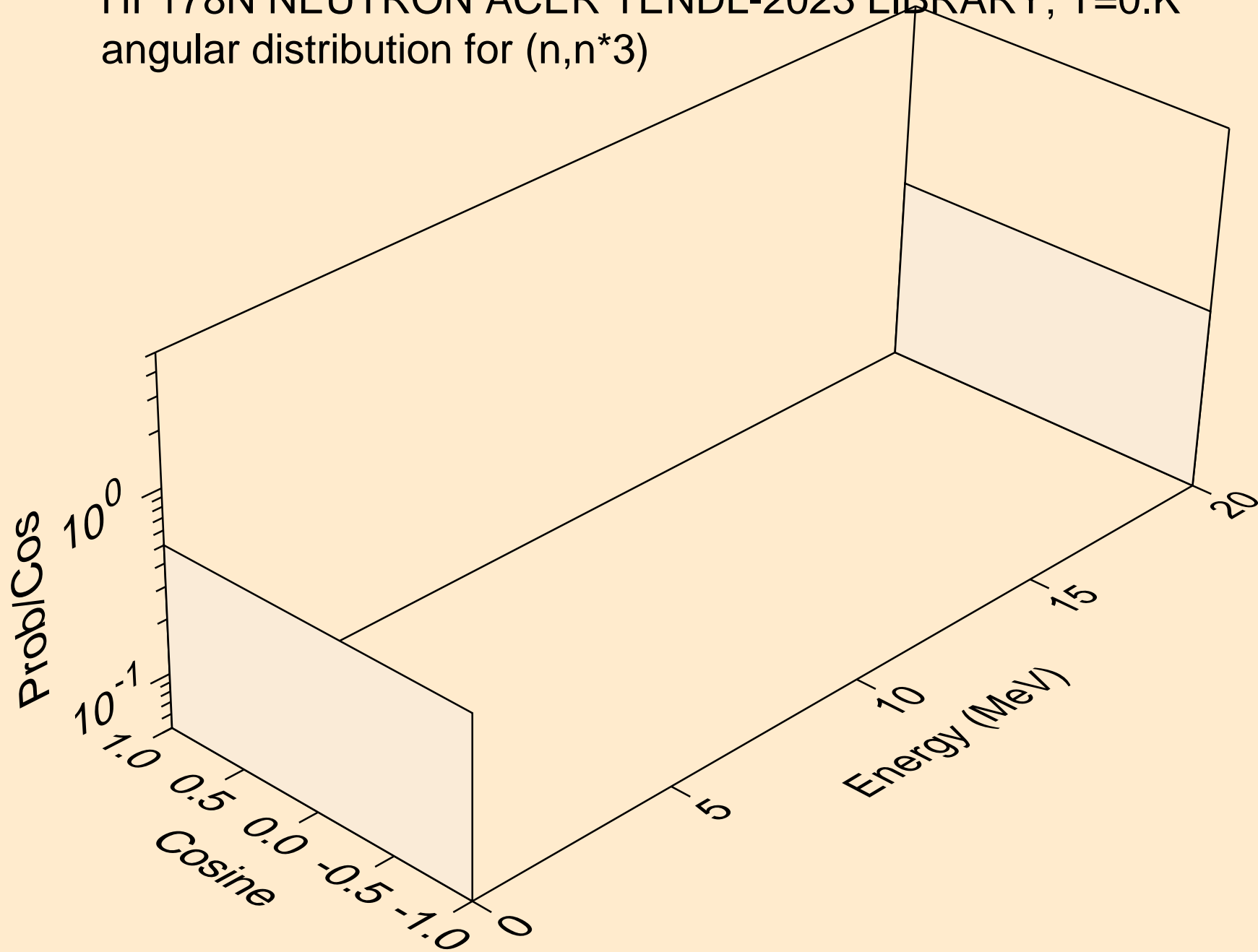
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



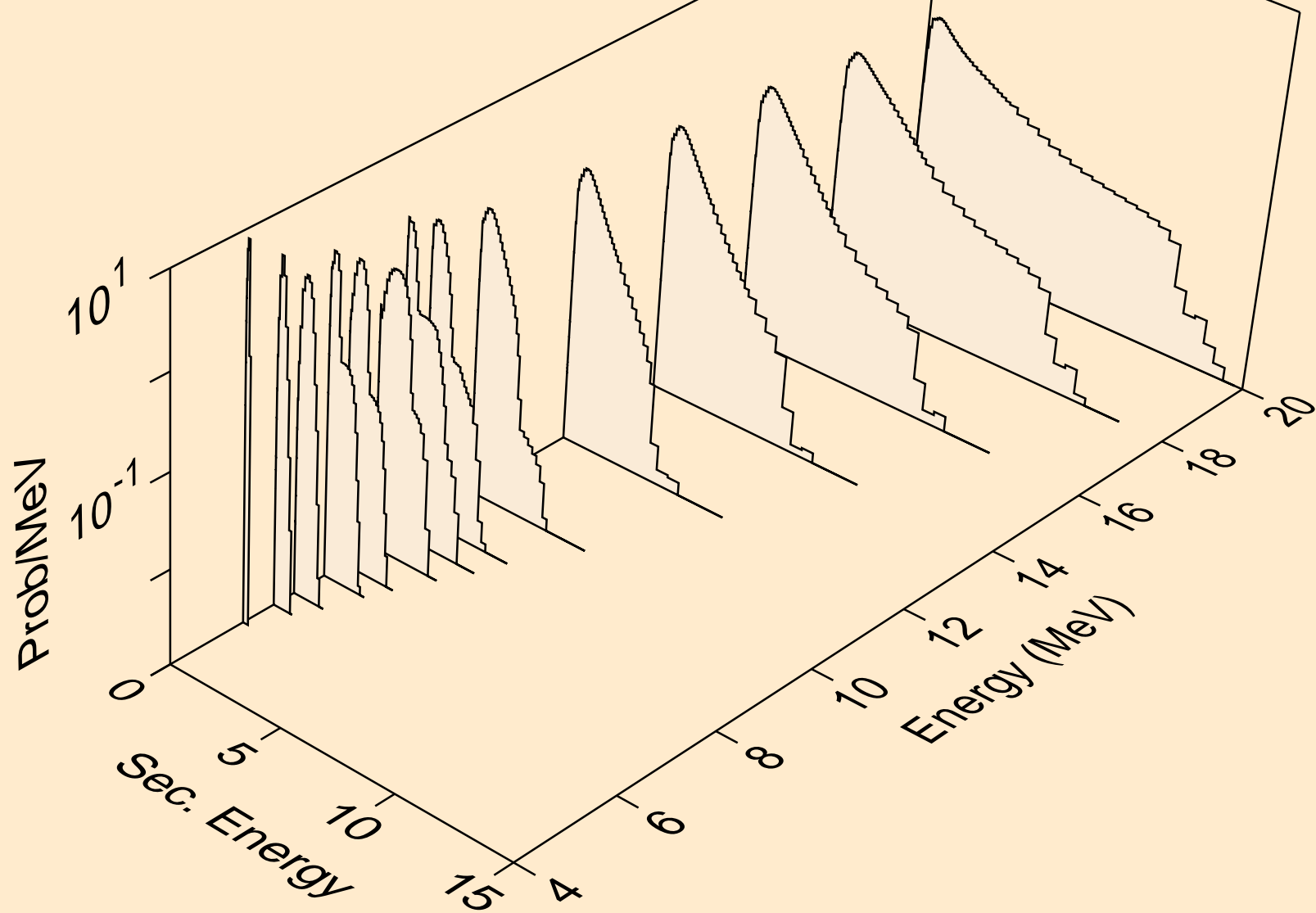
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



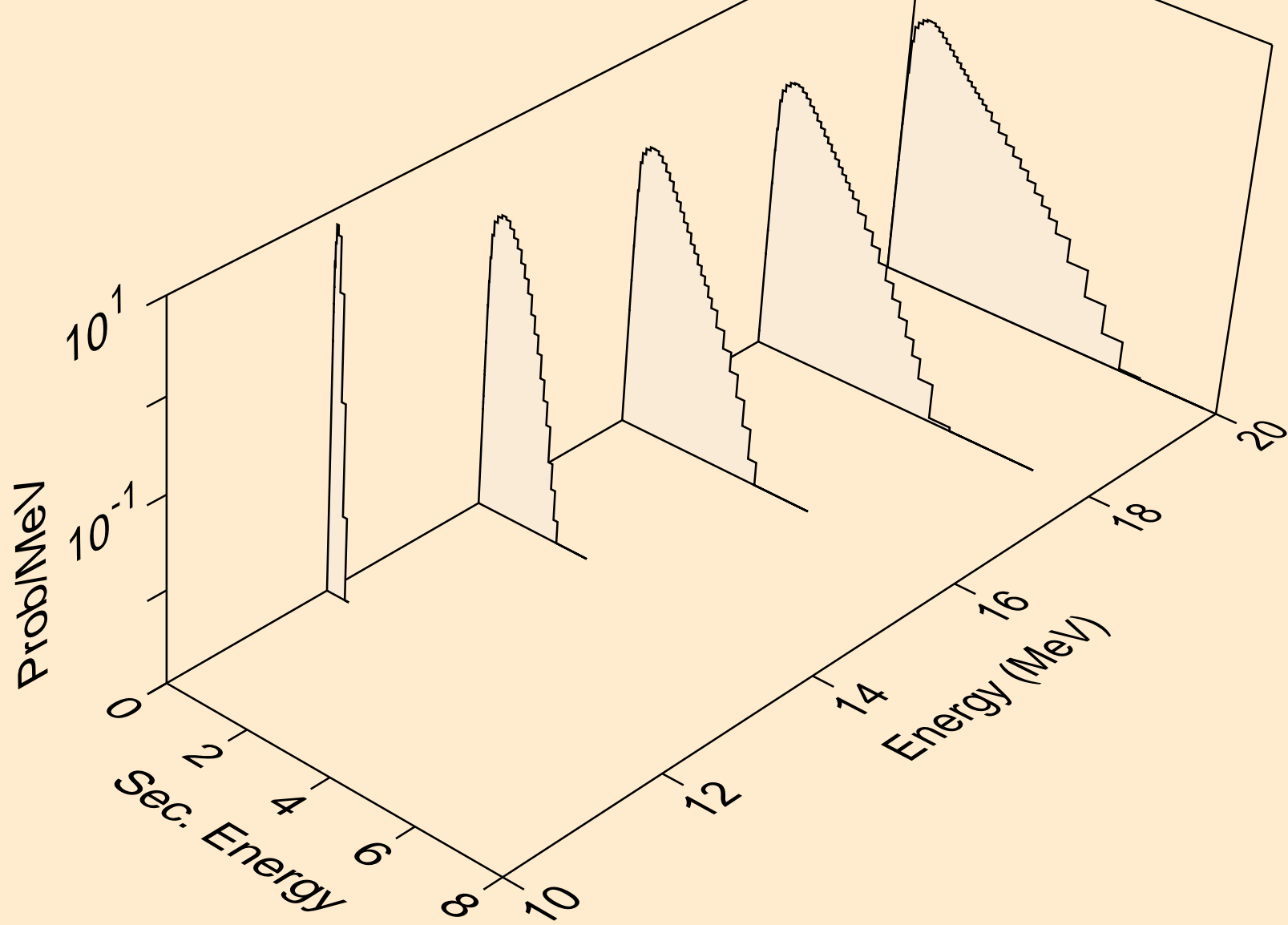
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angular distribution for (n,n*3)



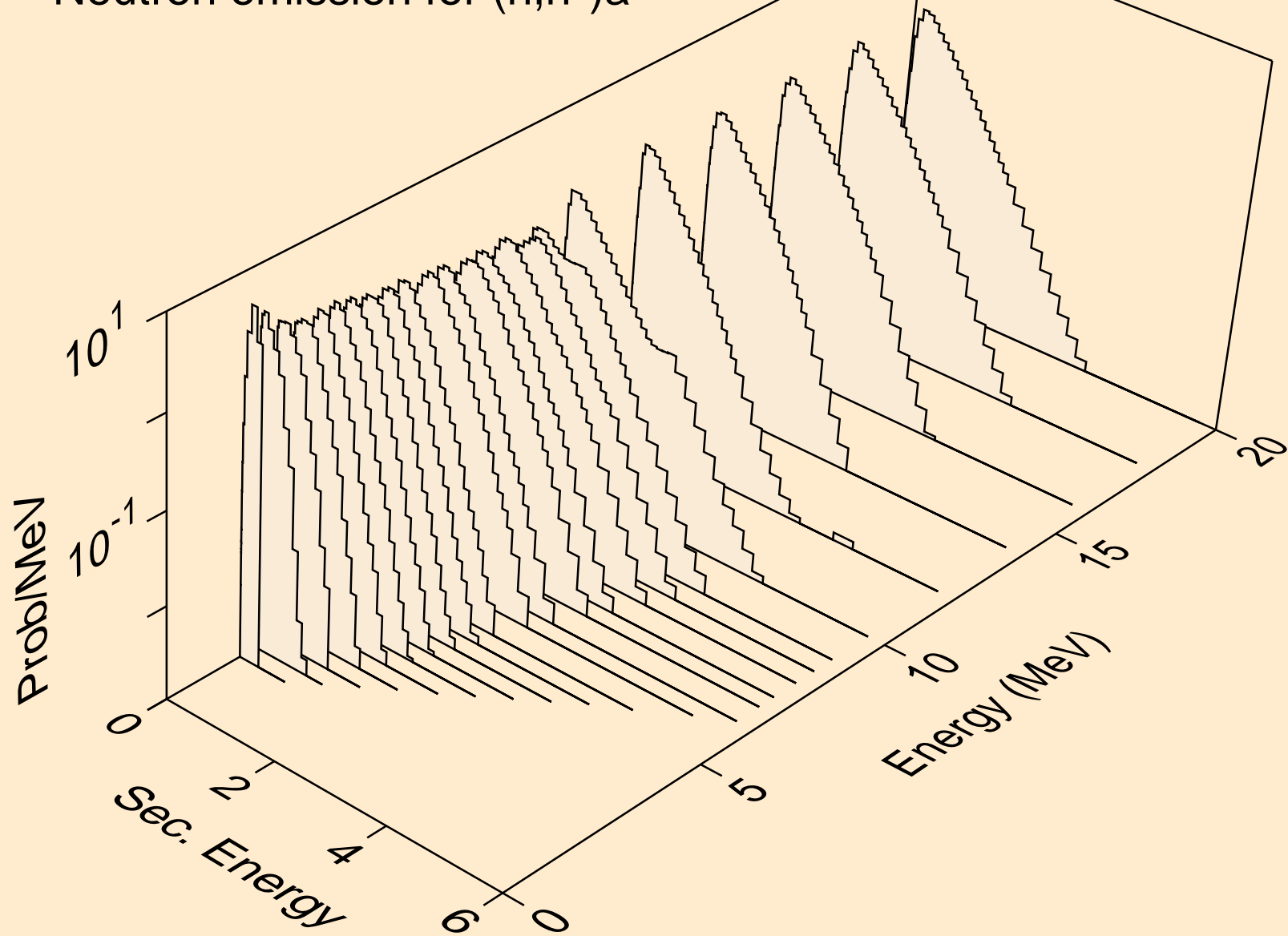
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



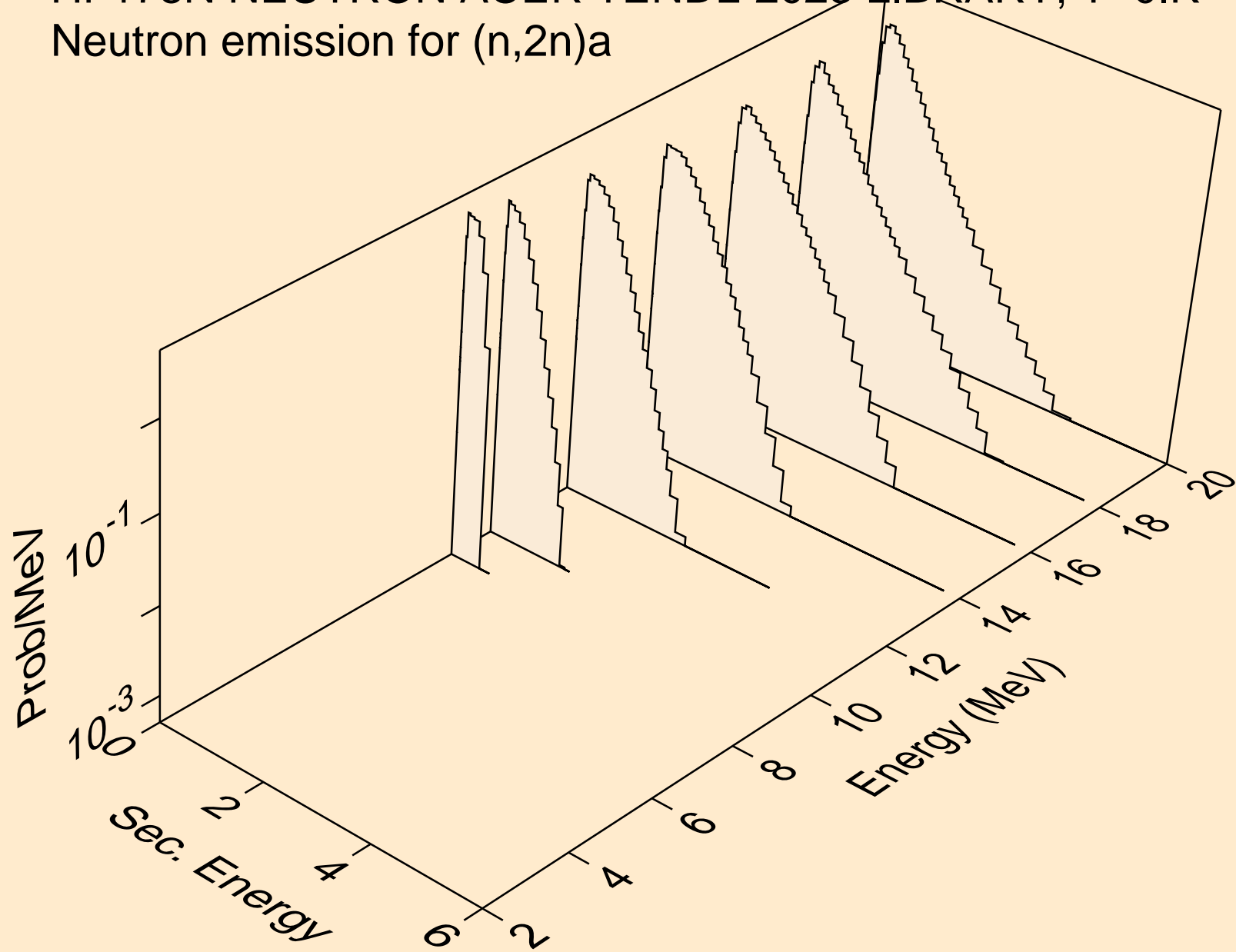
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Neutron emission for (n,3n)



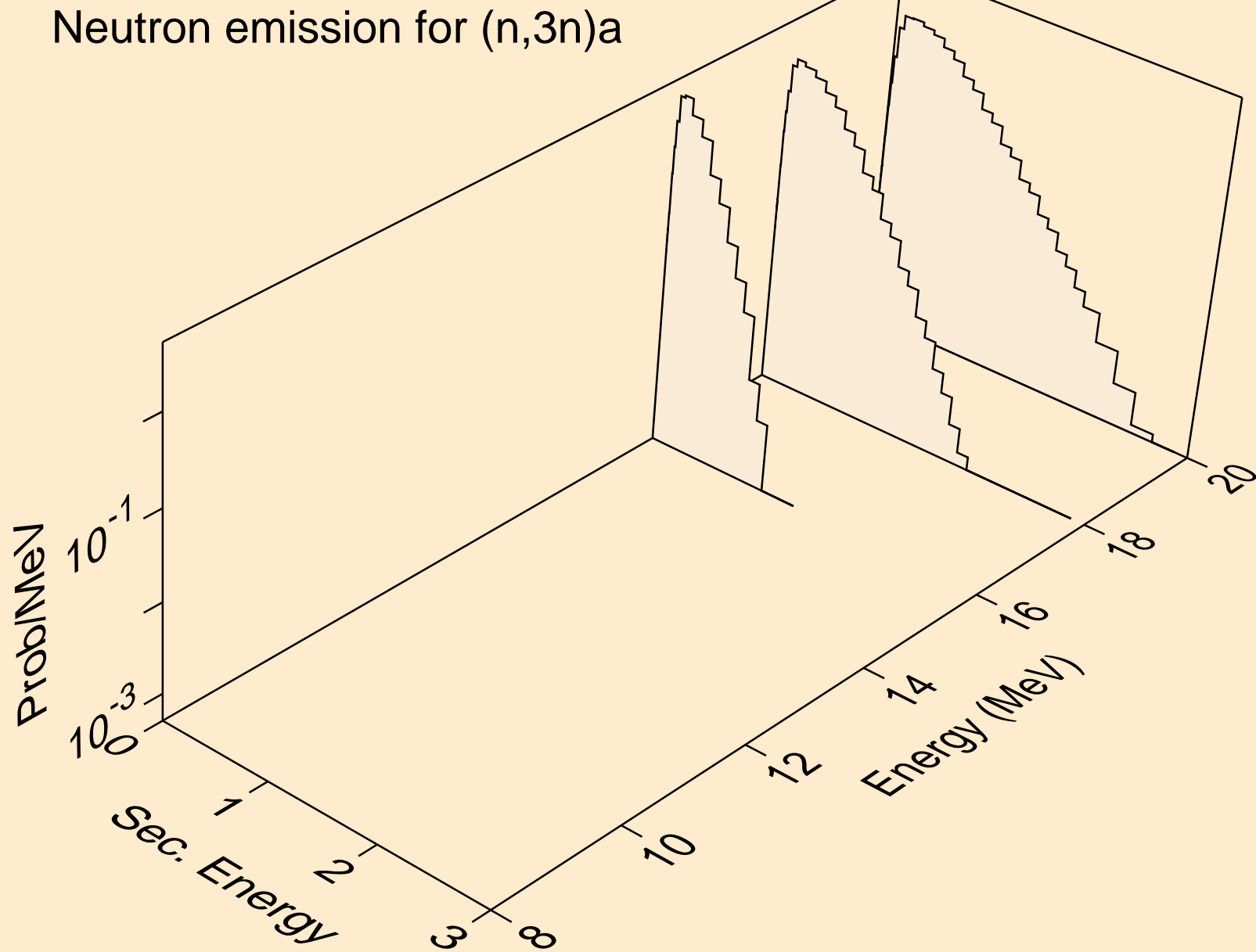
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Neutron emission for (n,n*)a



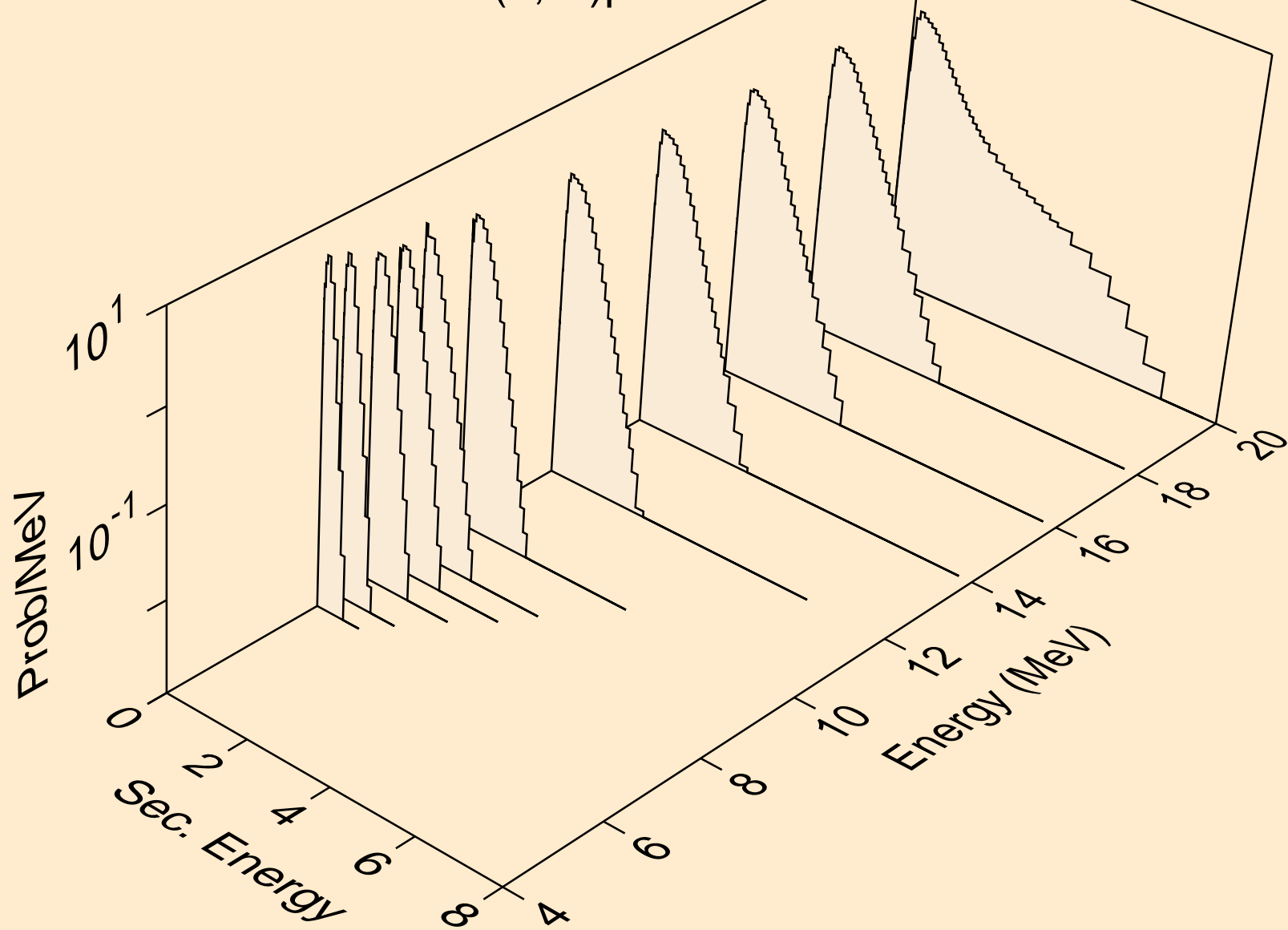
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Neutron emission for (n,2n)a



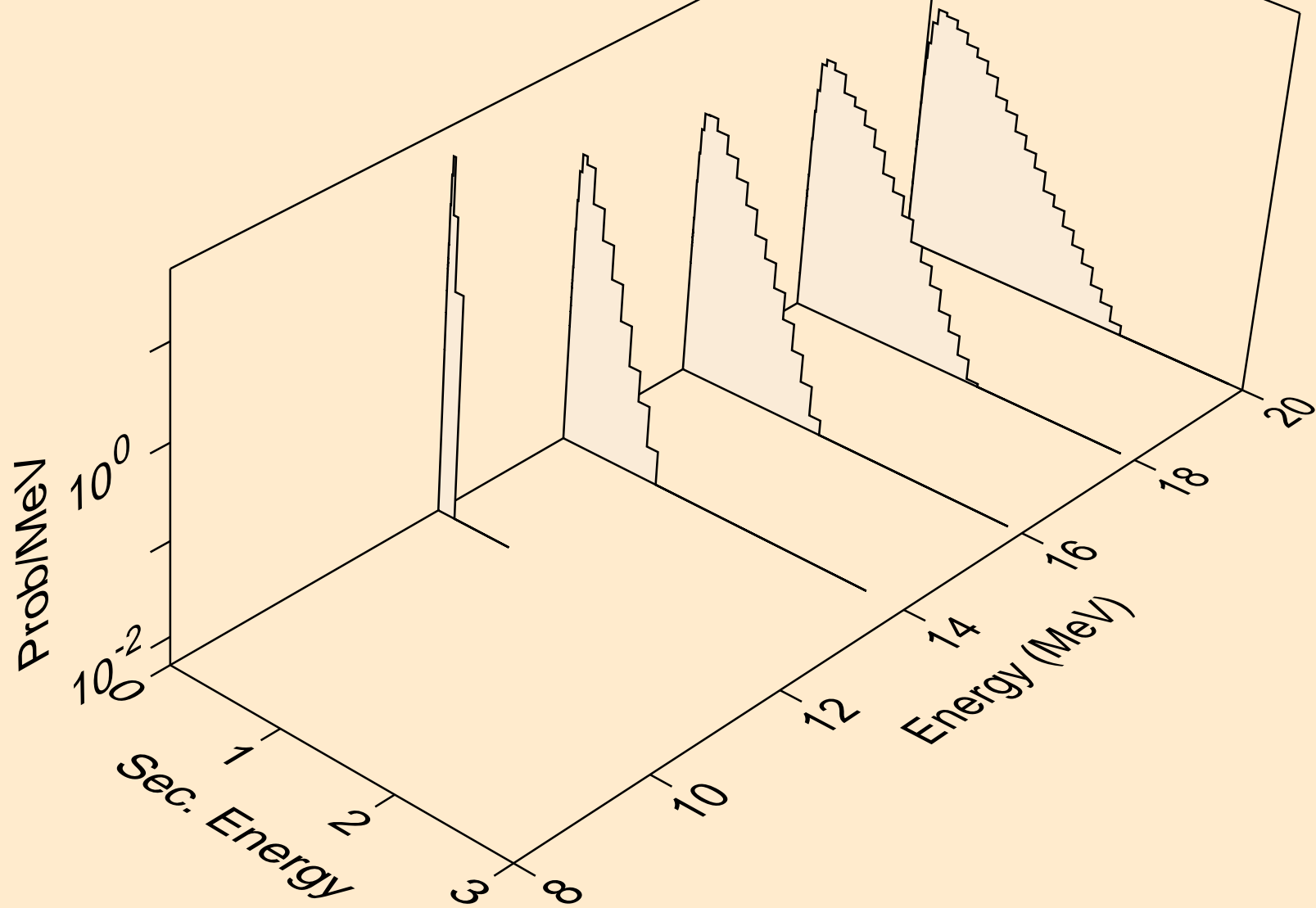
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Neutron emission for (n,3n)a



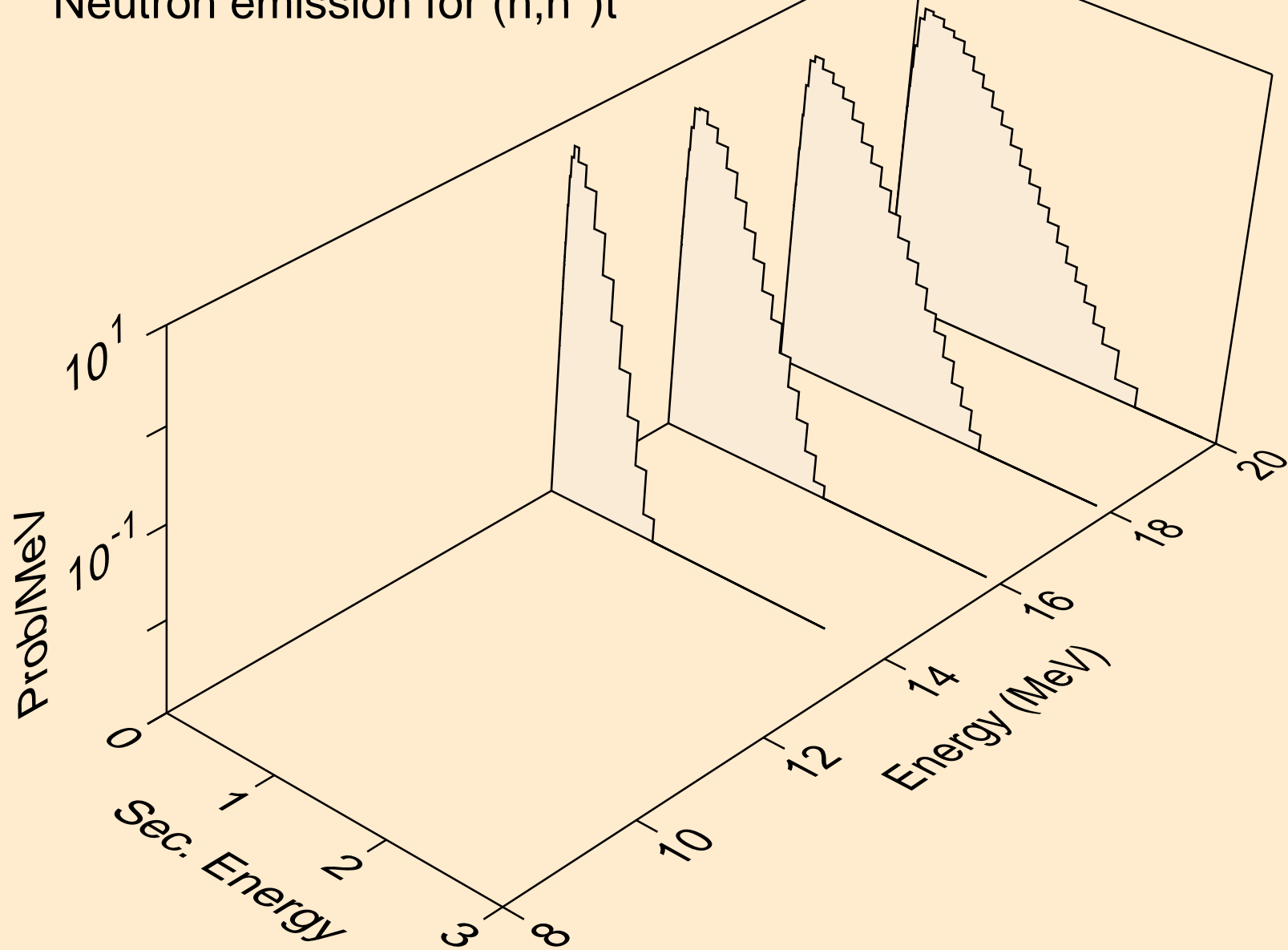
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



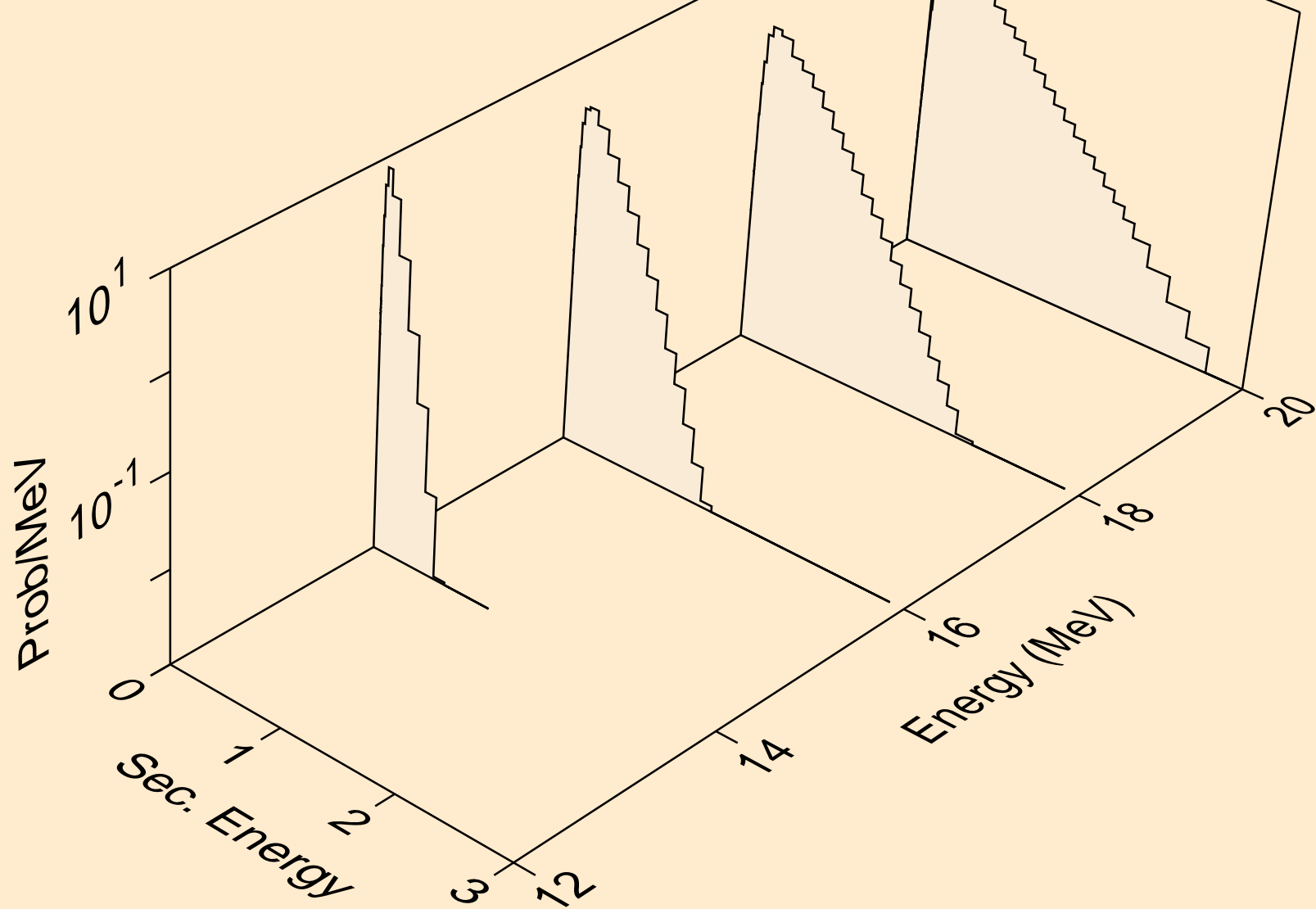
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



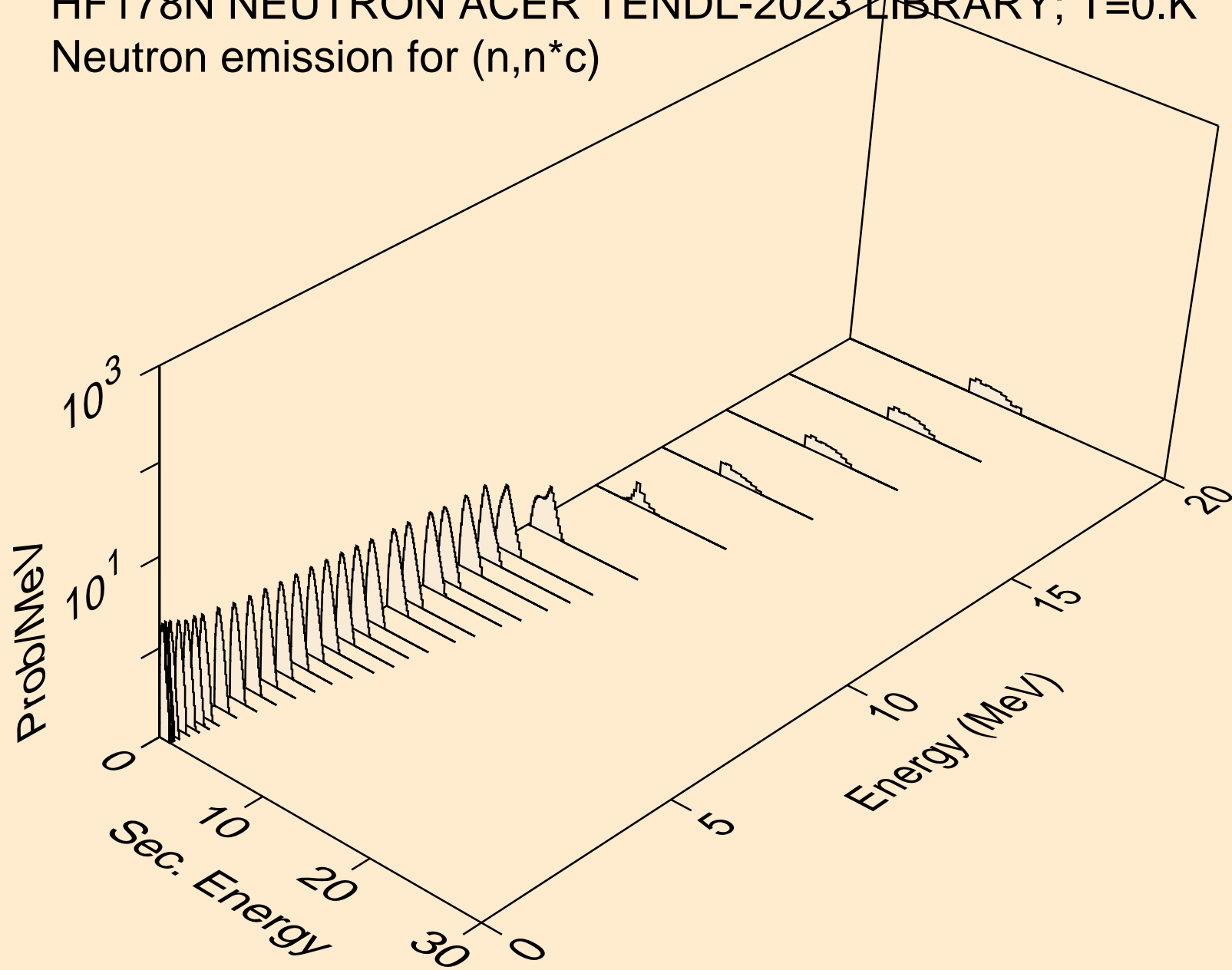
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



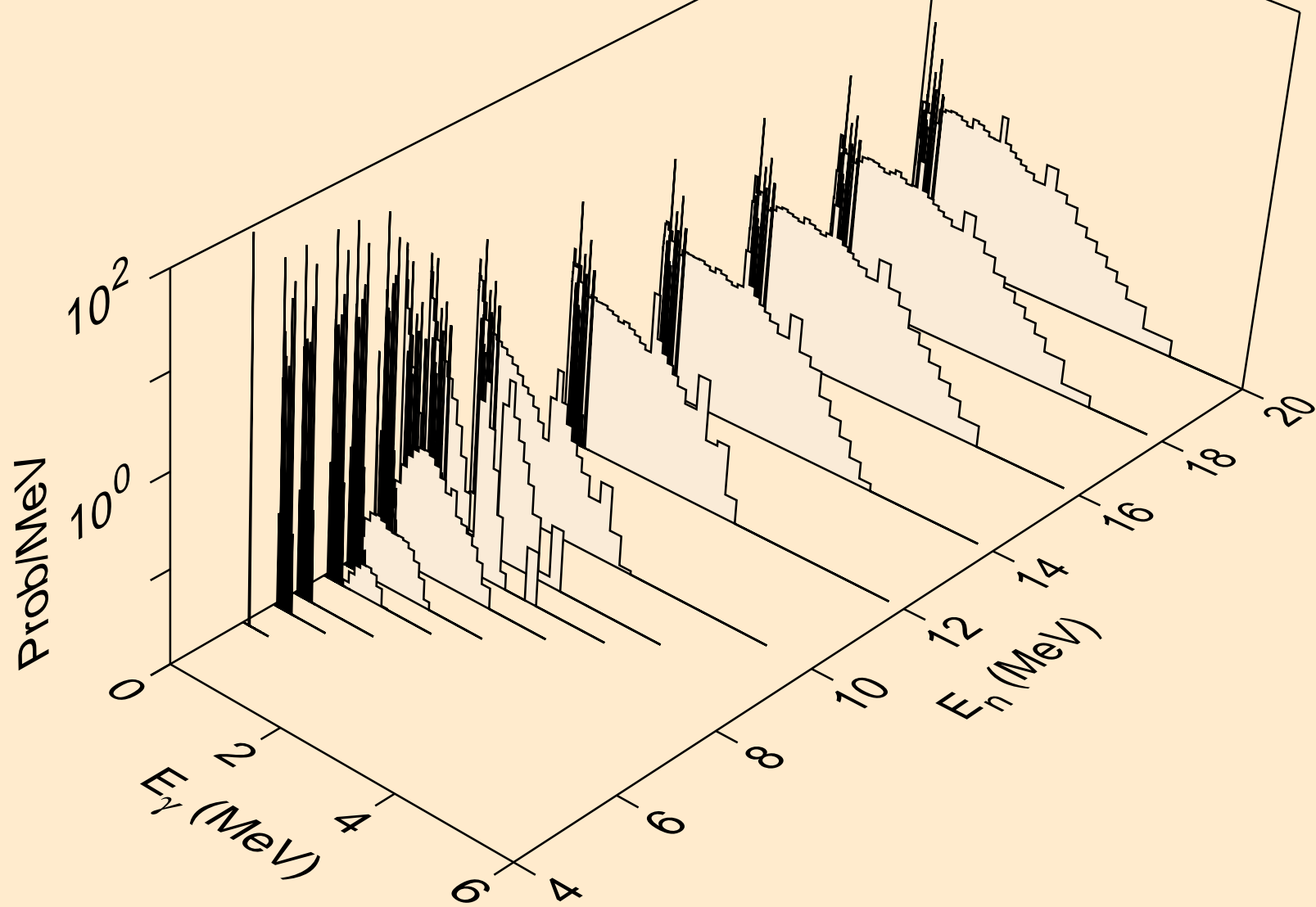
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Neutron emission for (n,2np)



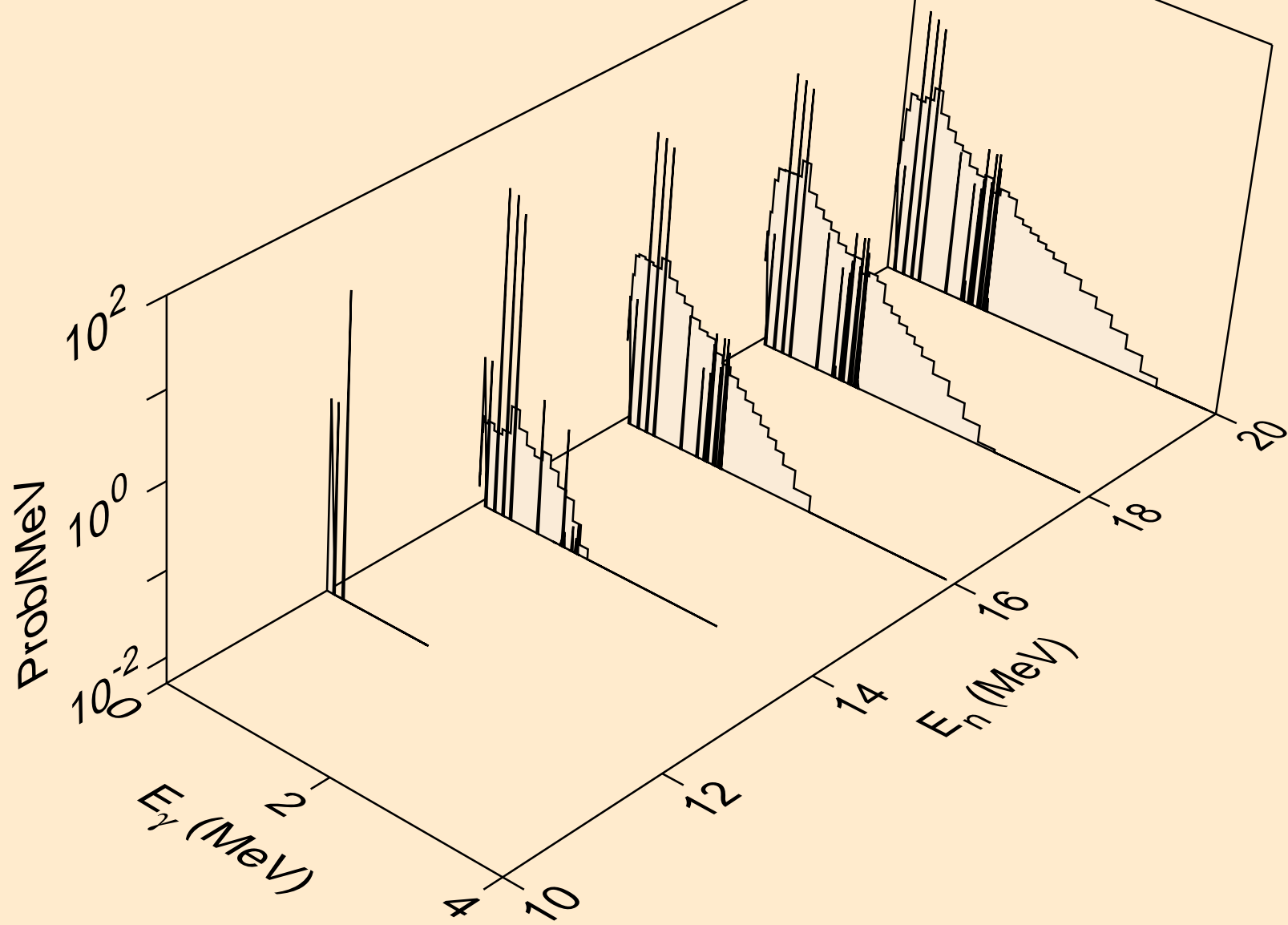
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Neutron emission for (n,n*c)



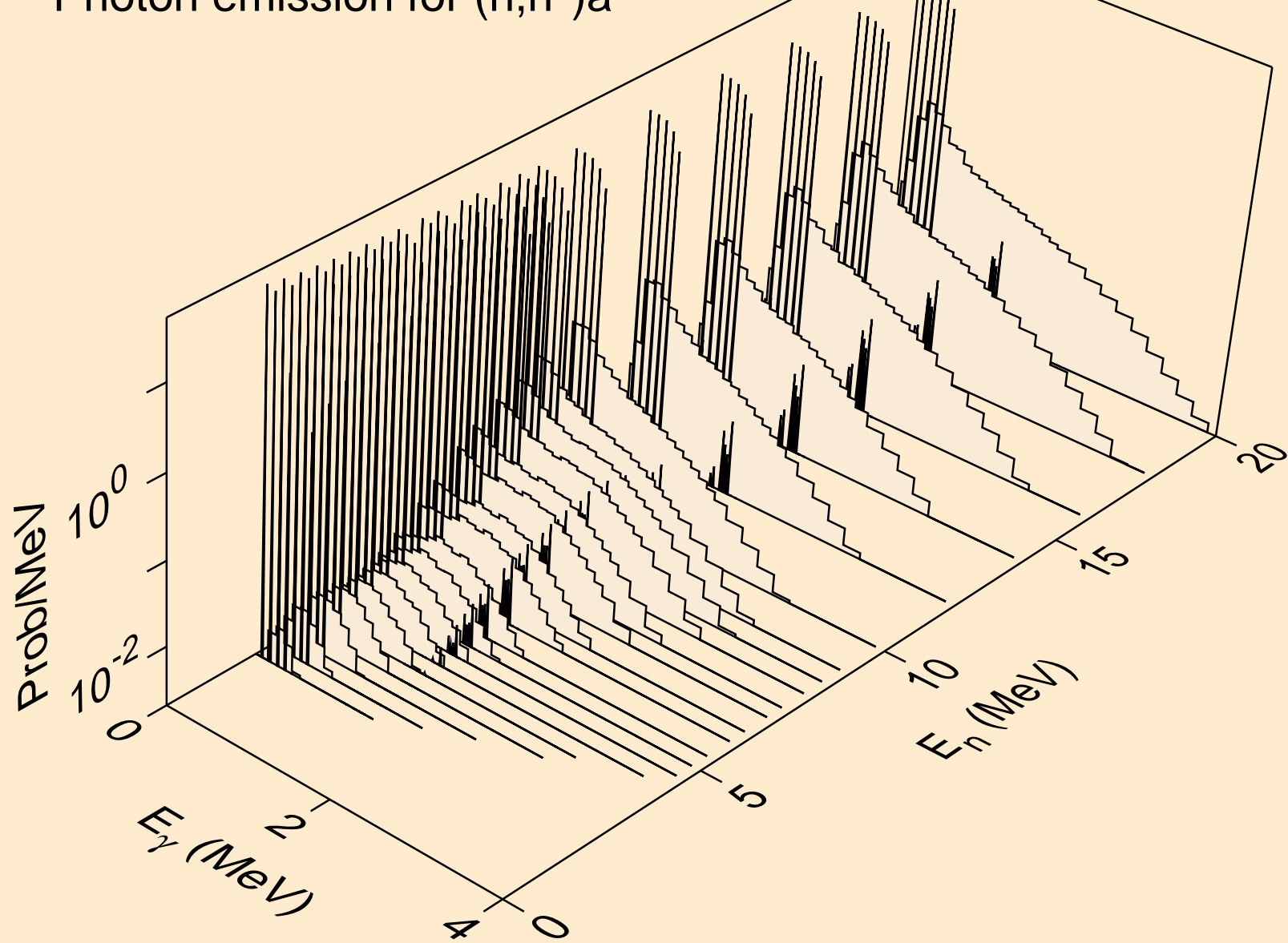
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Photon emission for (n,2n)



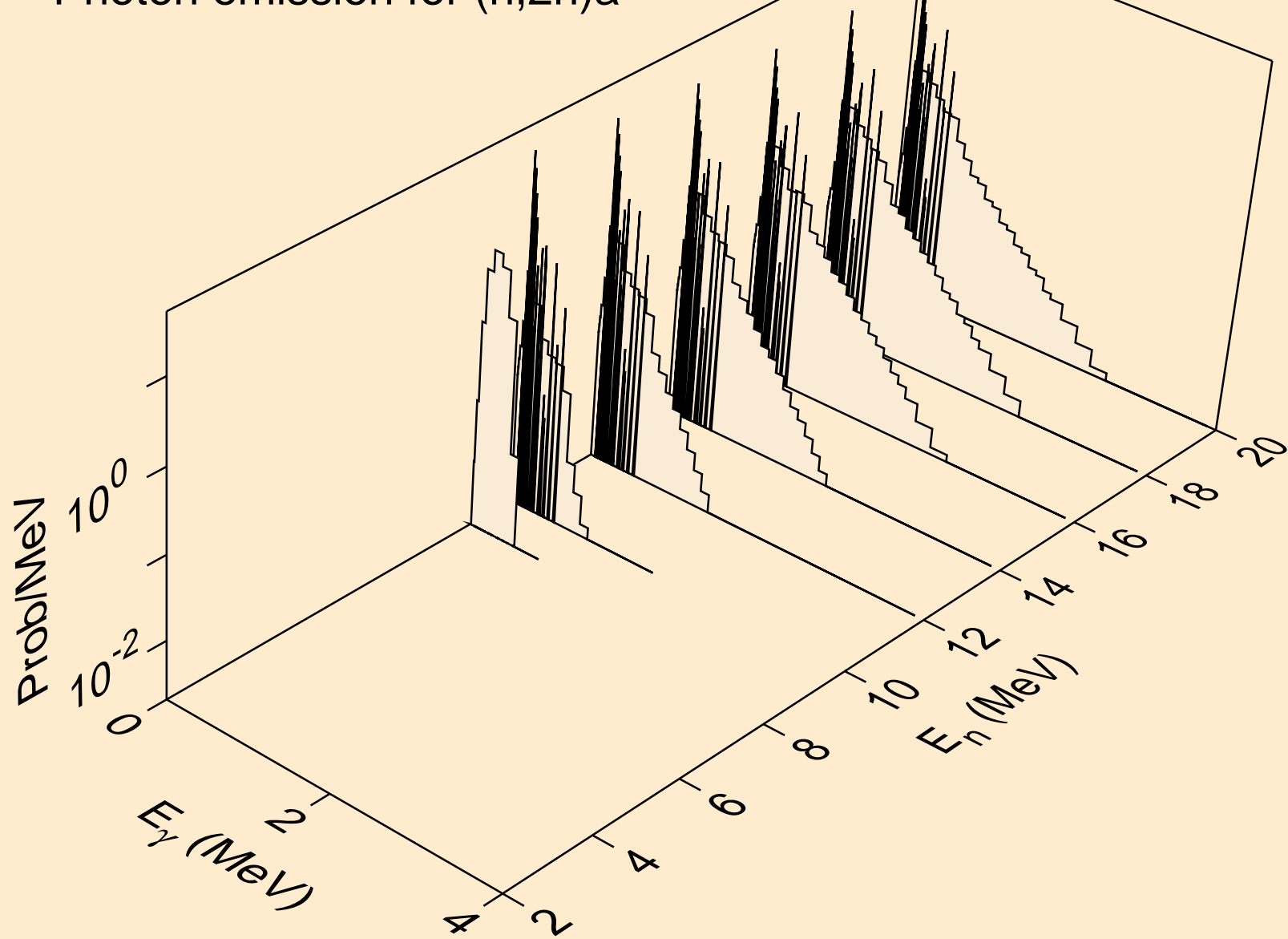
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Photon emission for (n,3n)



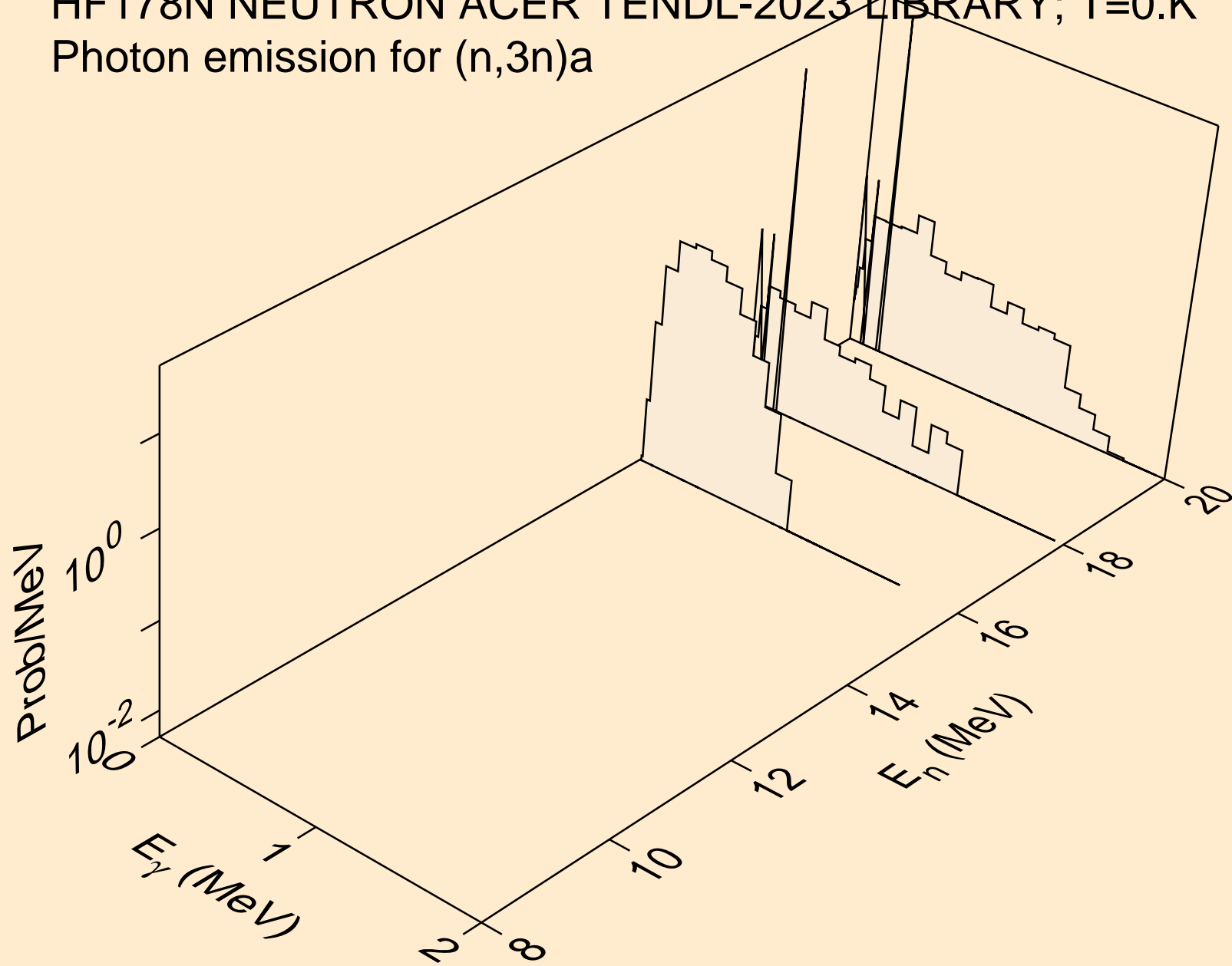
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Photon emission for (n,n*)a



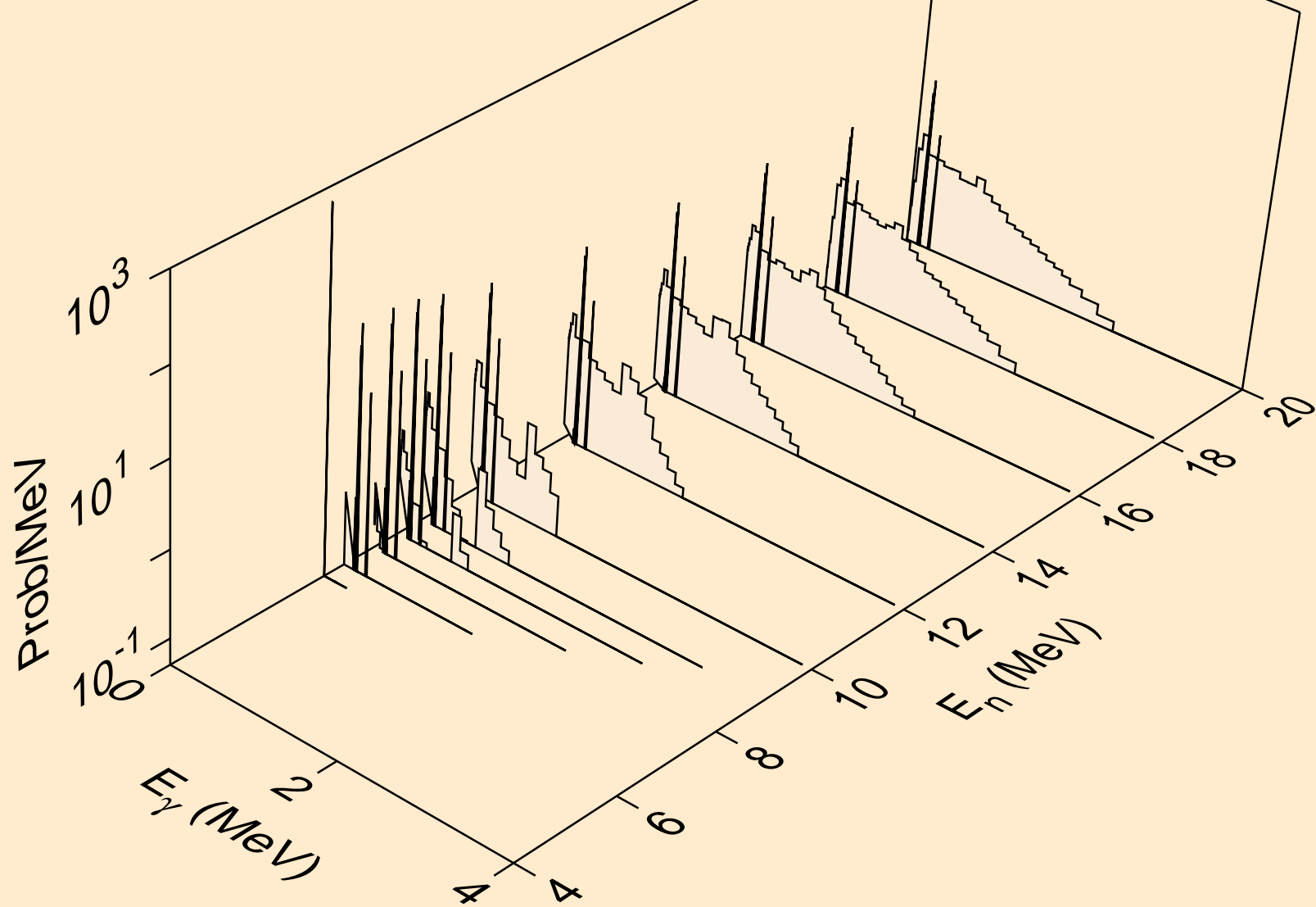
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Photon emission for (n,2n)a



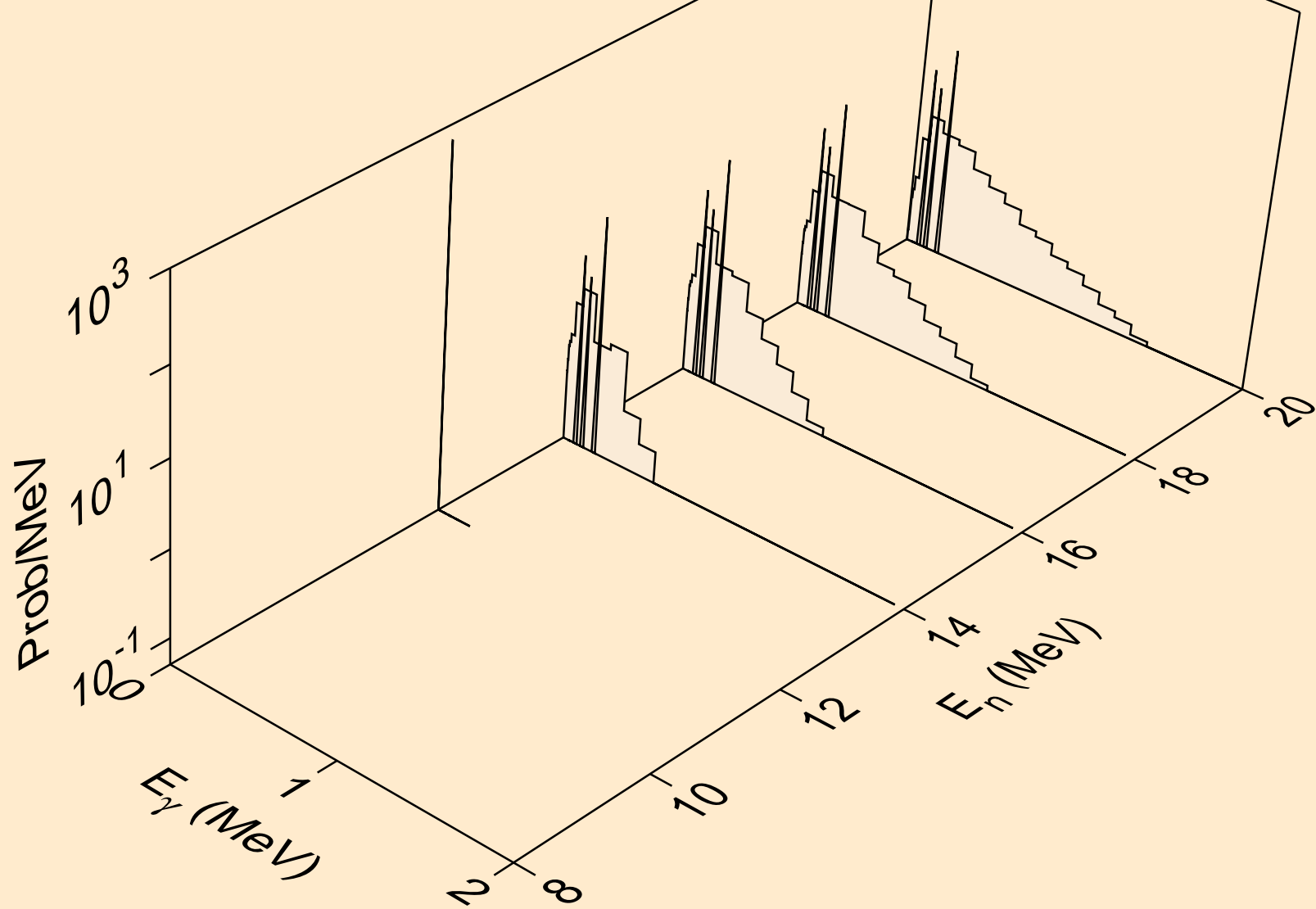
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Photon emission for (n,3n)a



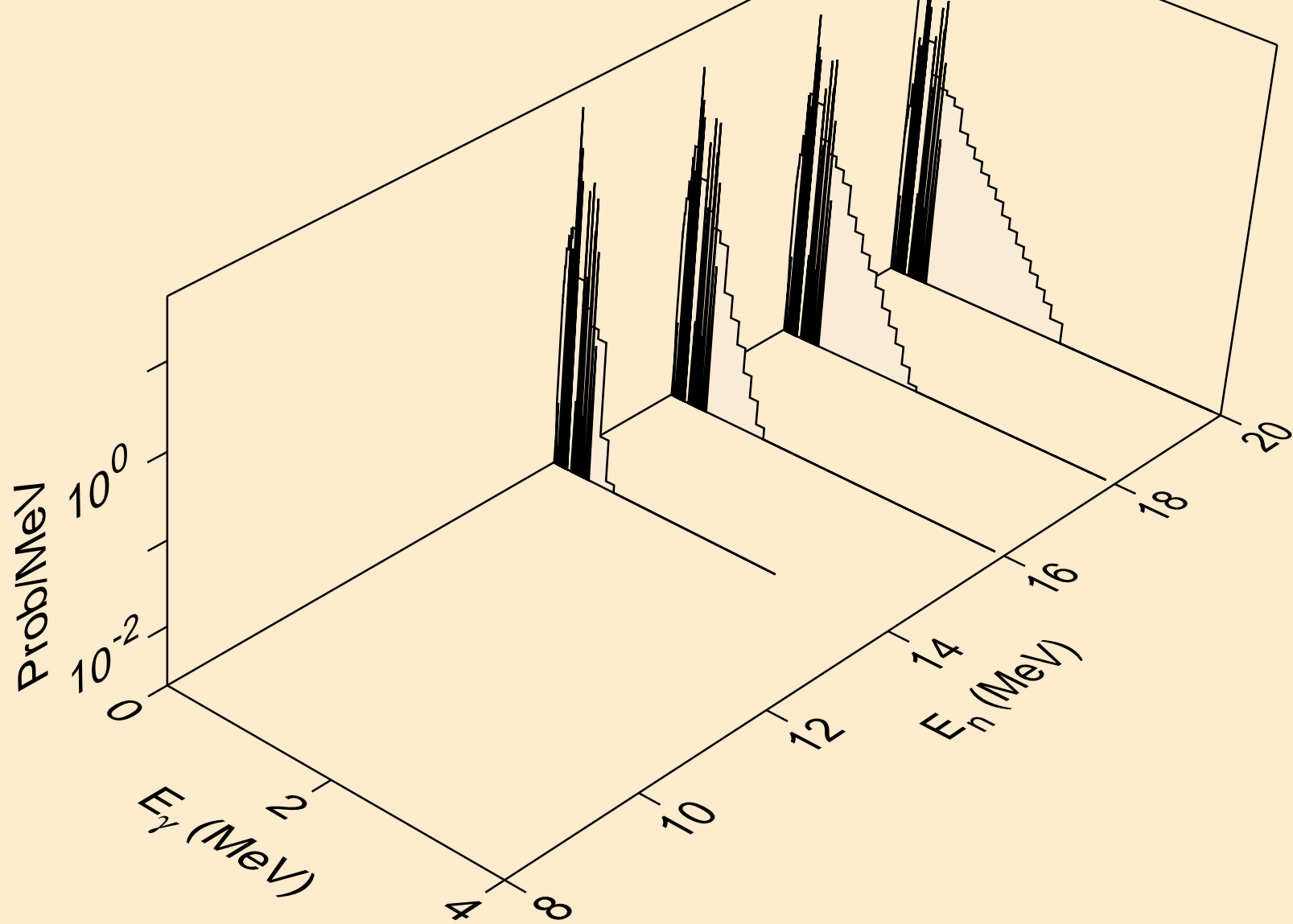
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Photon emission for (n,n*)p



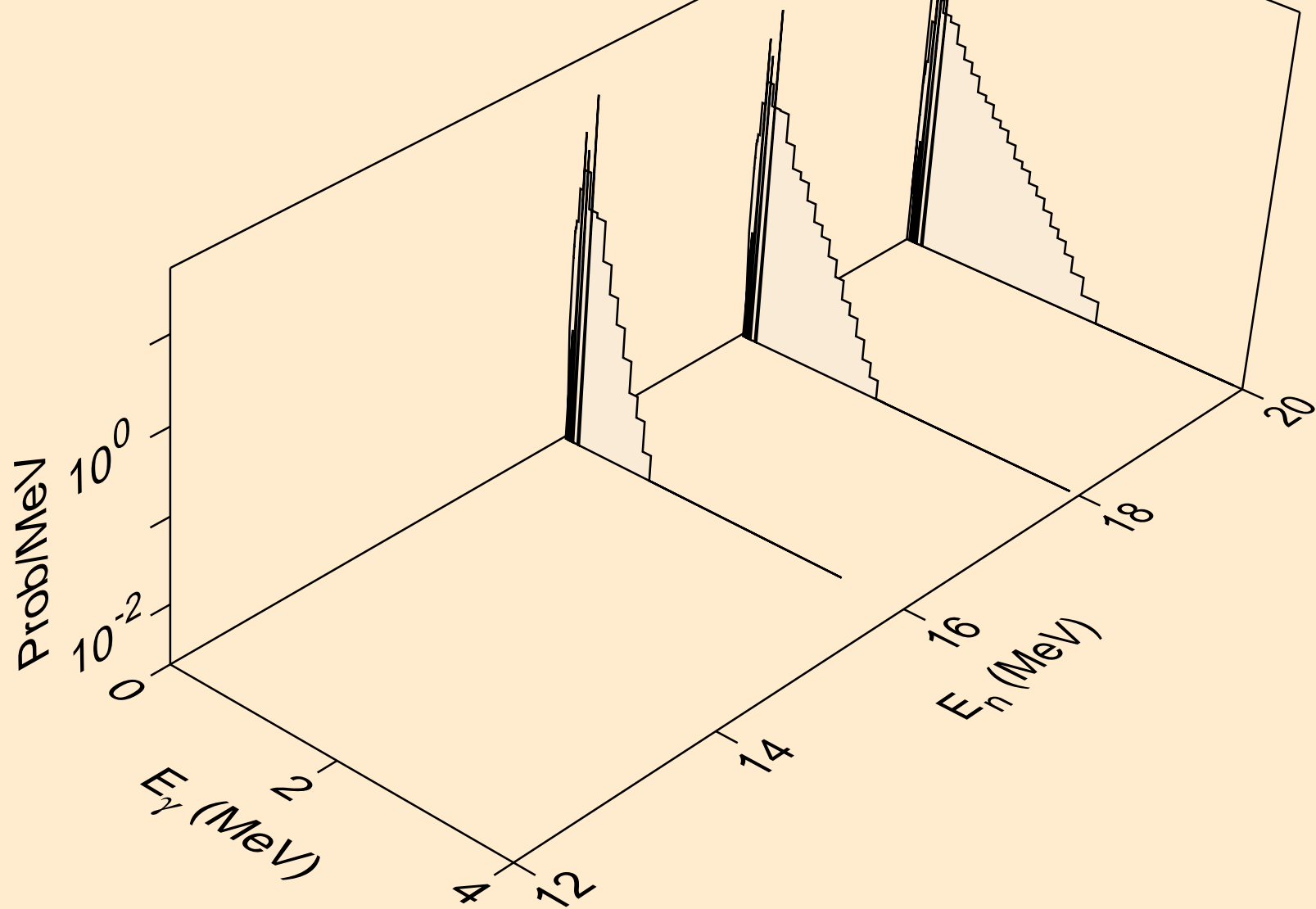
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Photon emission for (n,n*)d



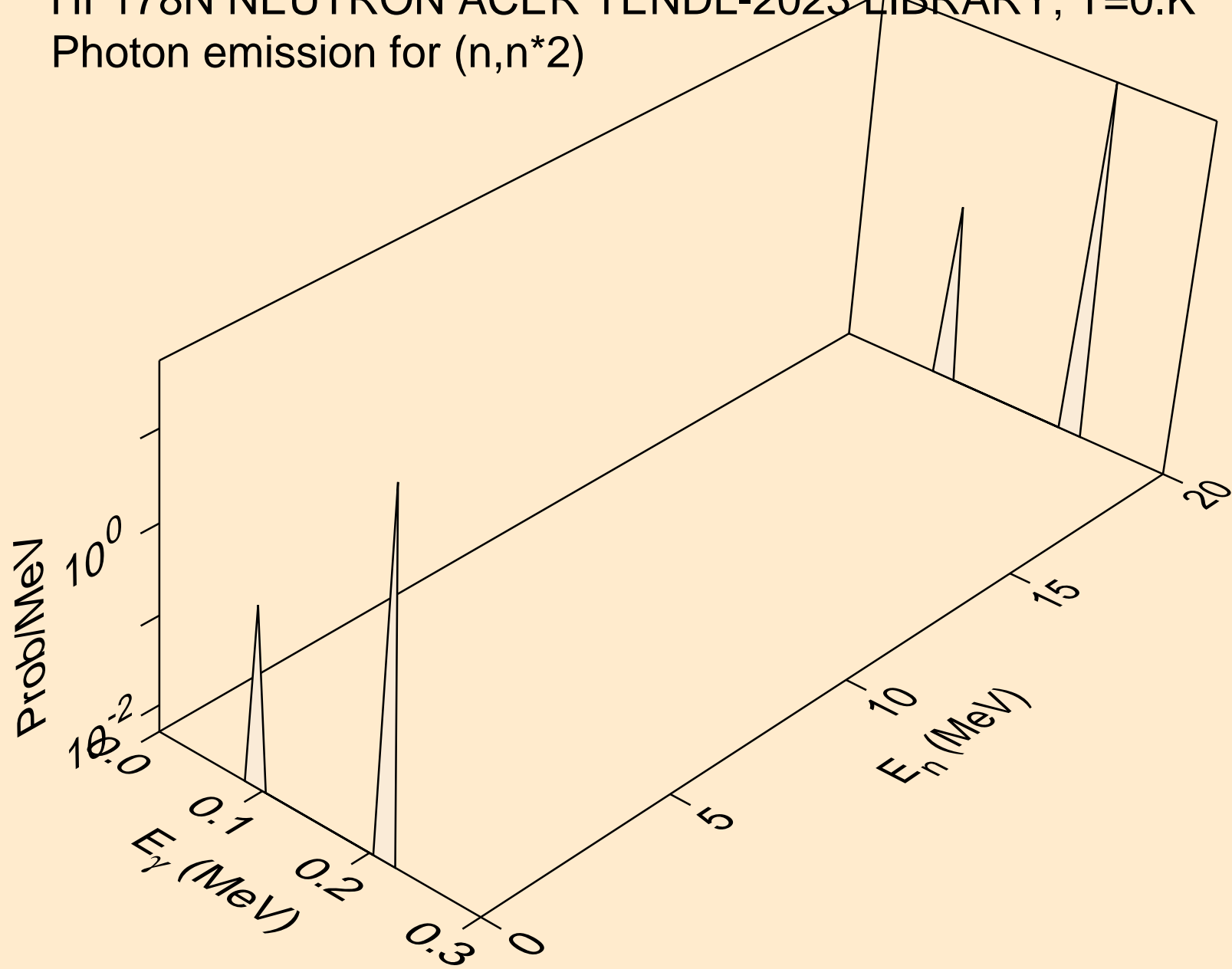
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Photon emission for (n,n*)t



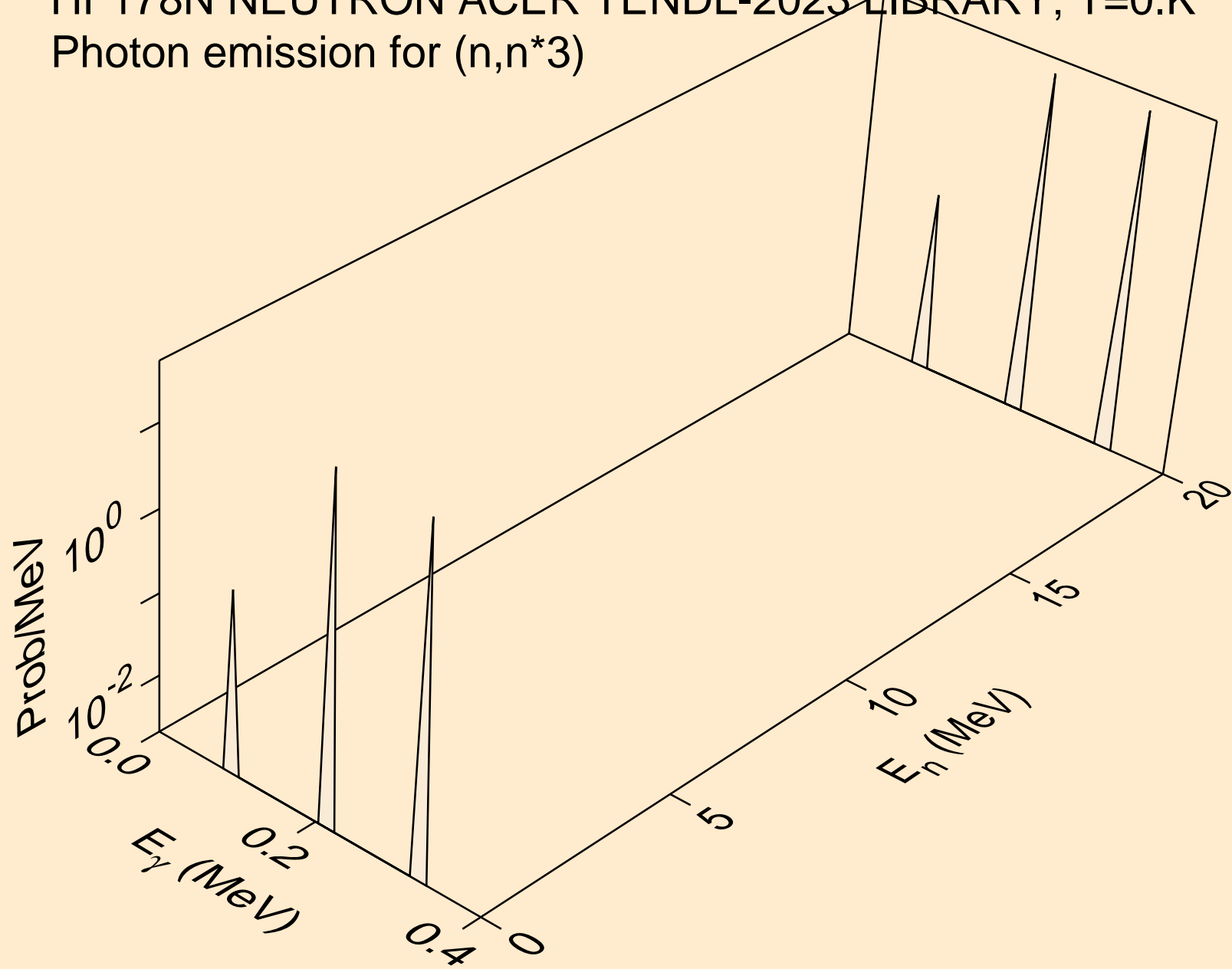
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Photon emission for (n,2np)



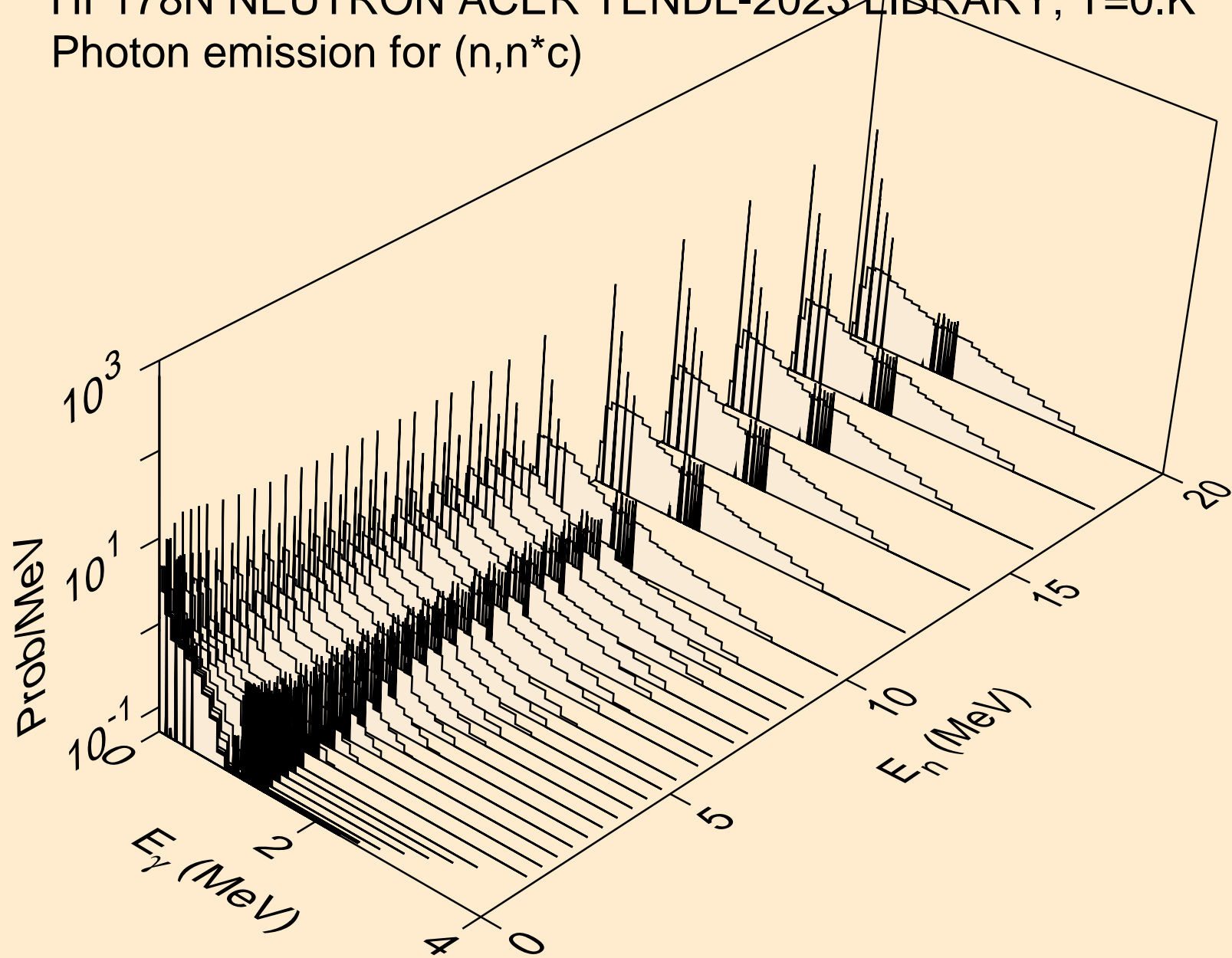
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Photon emission for (n,n*2)



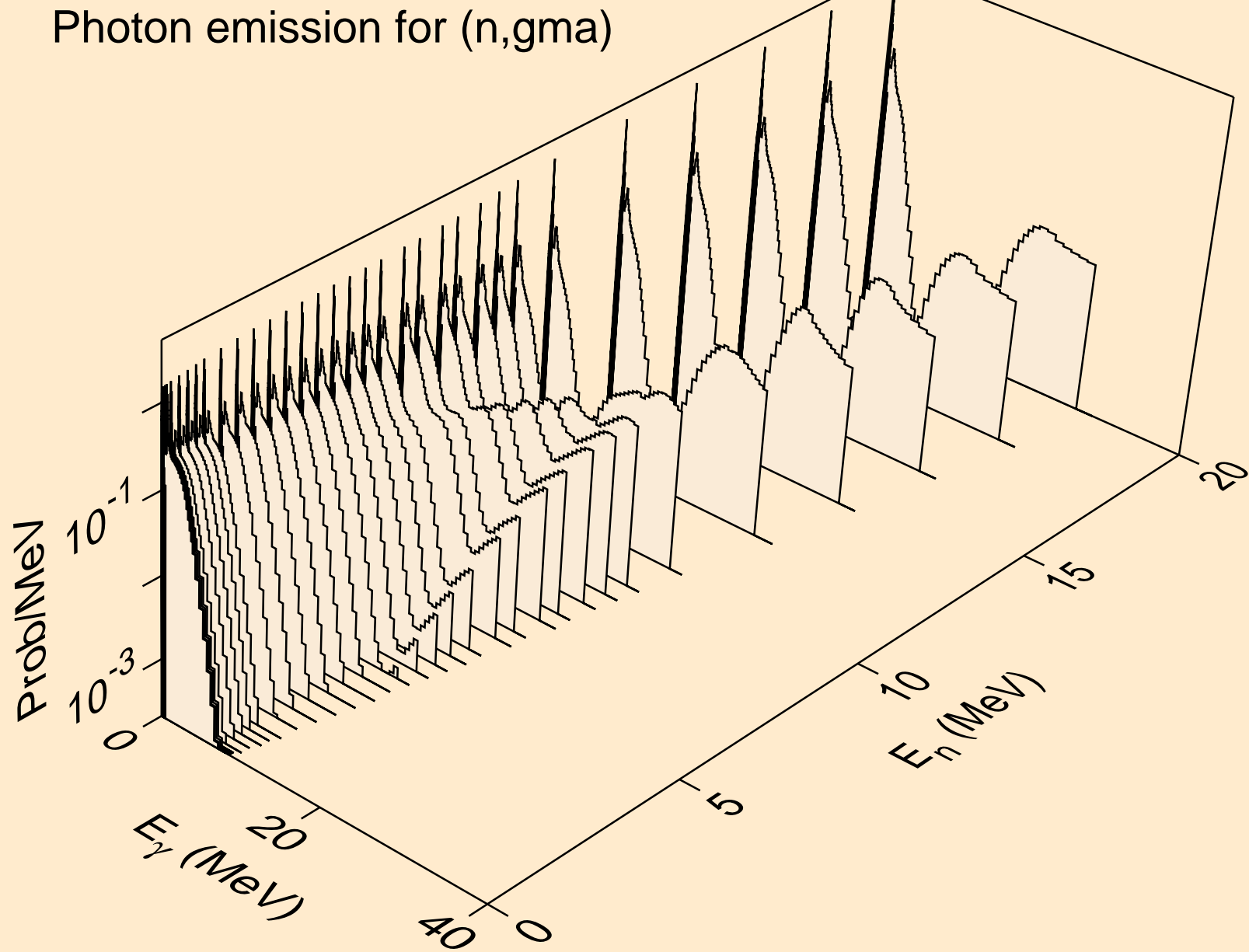
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Photon emission for (n,n*3)



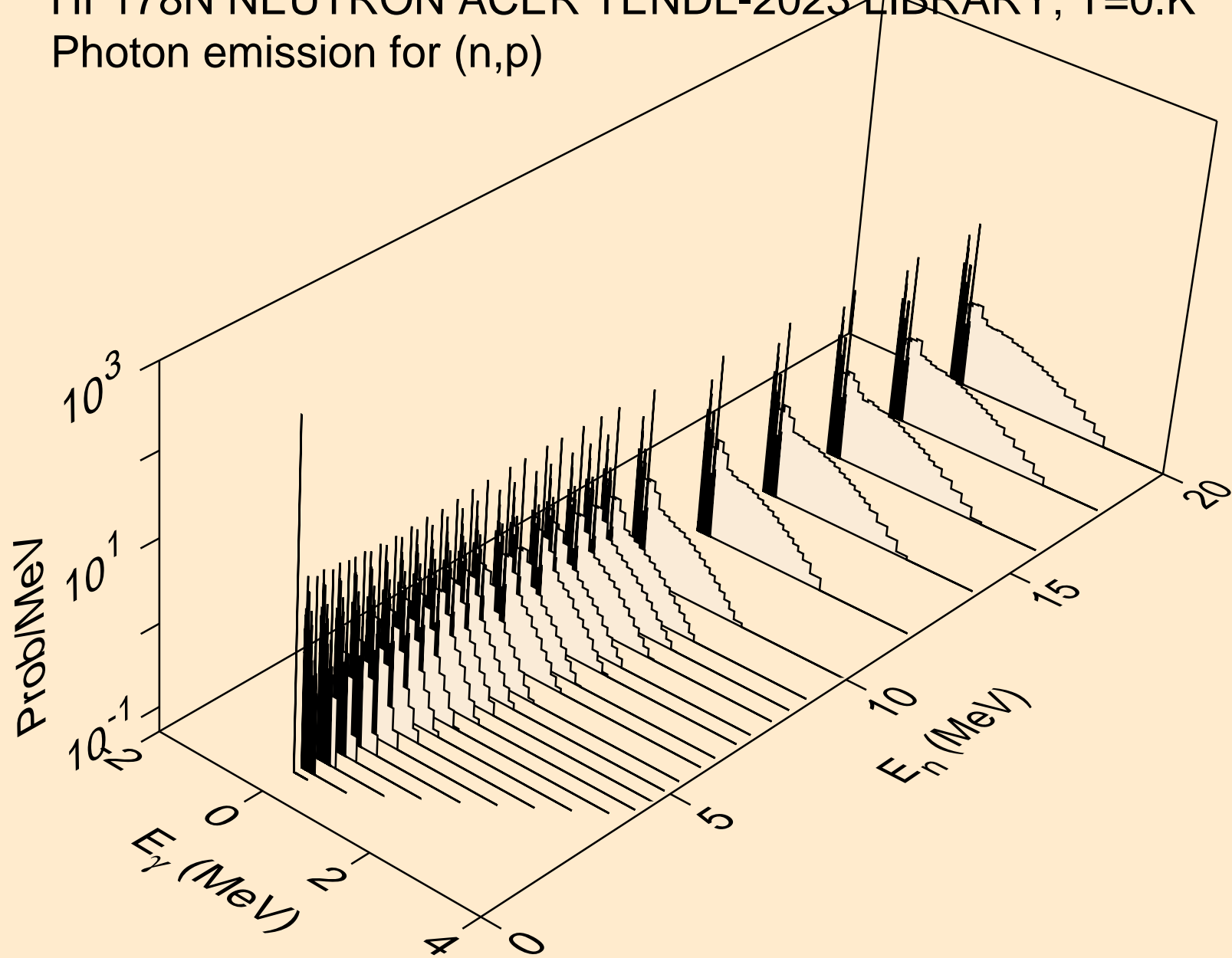
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Photon emission for (n,n*c)



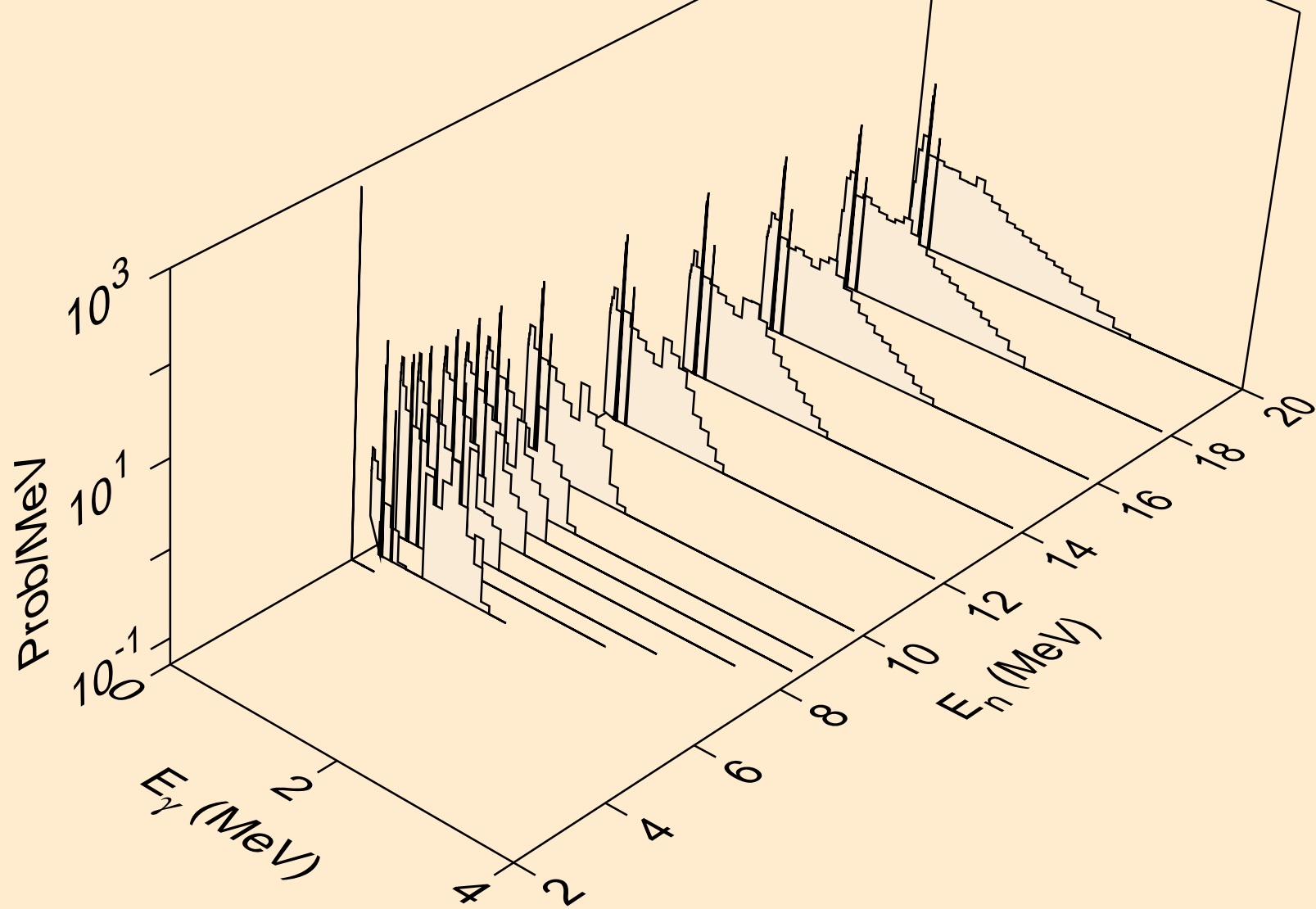
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Photon emission for (n,gma)



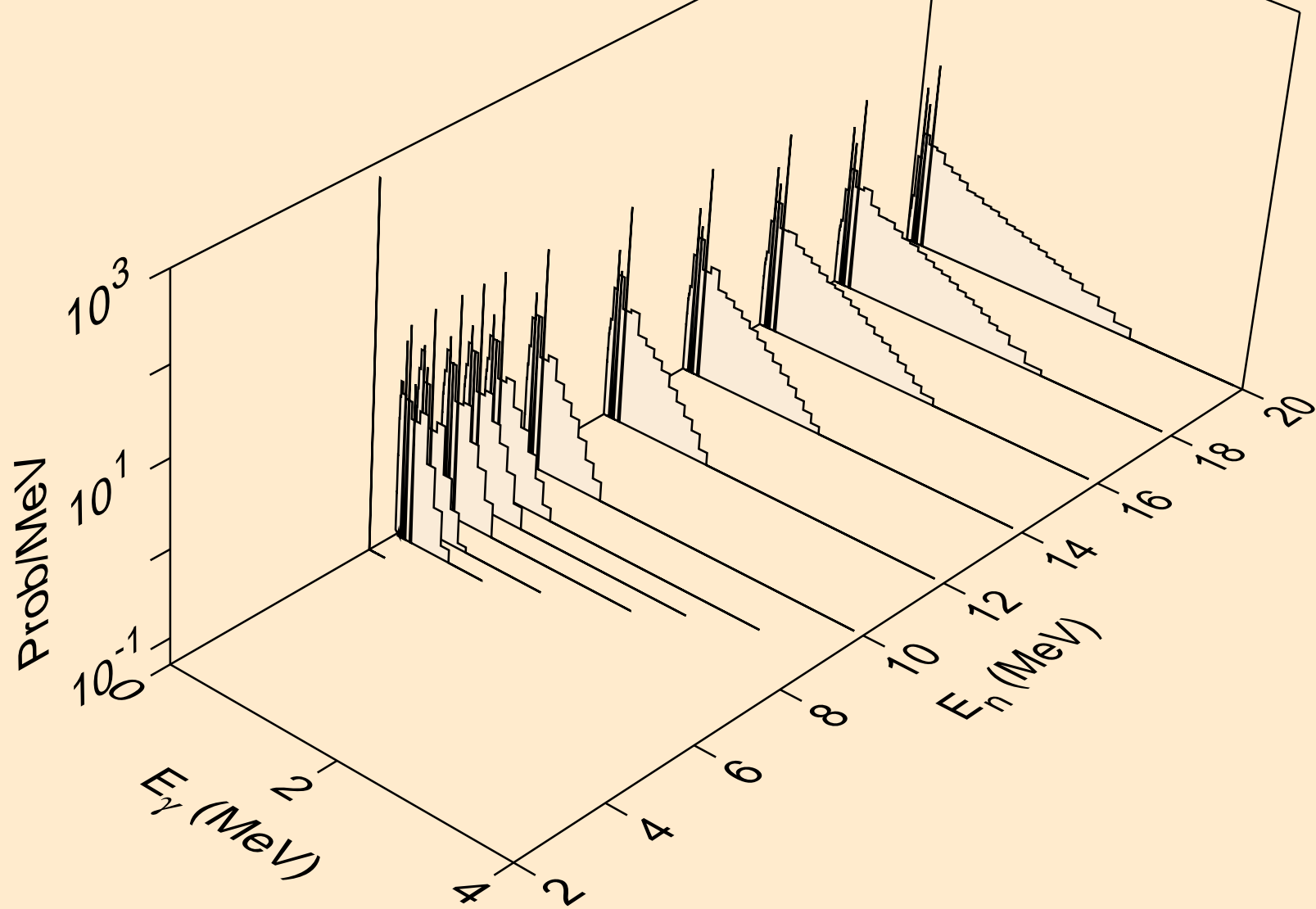
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Photon emission for (n,p)



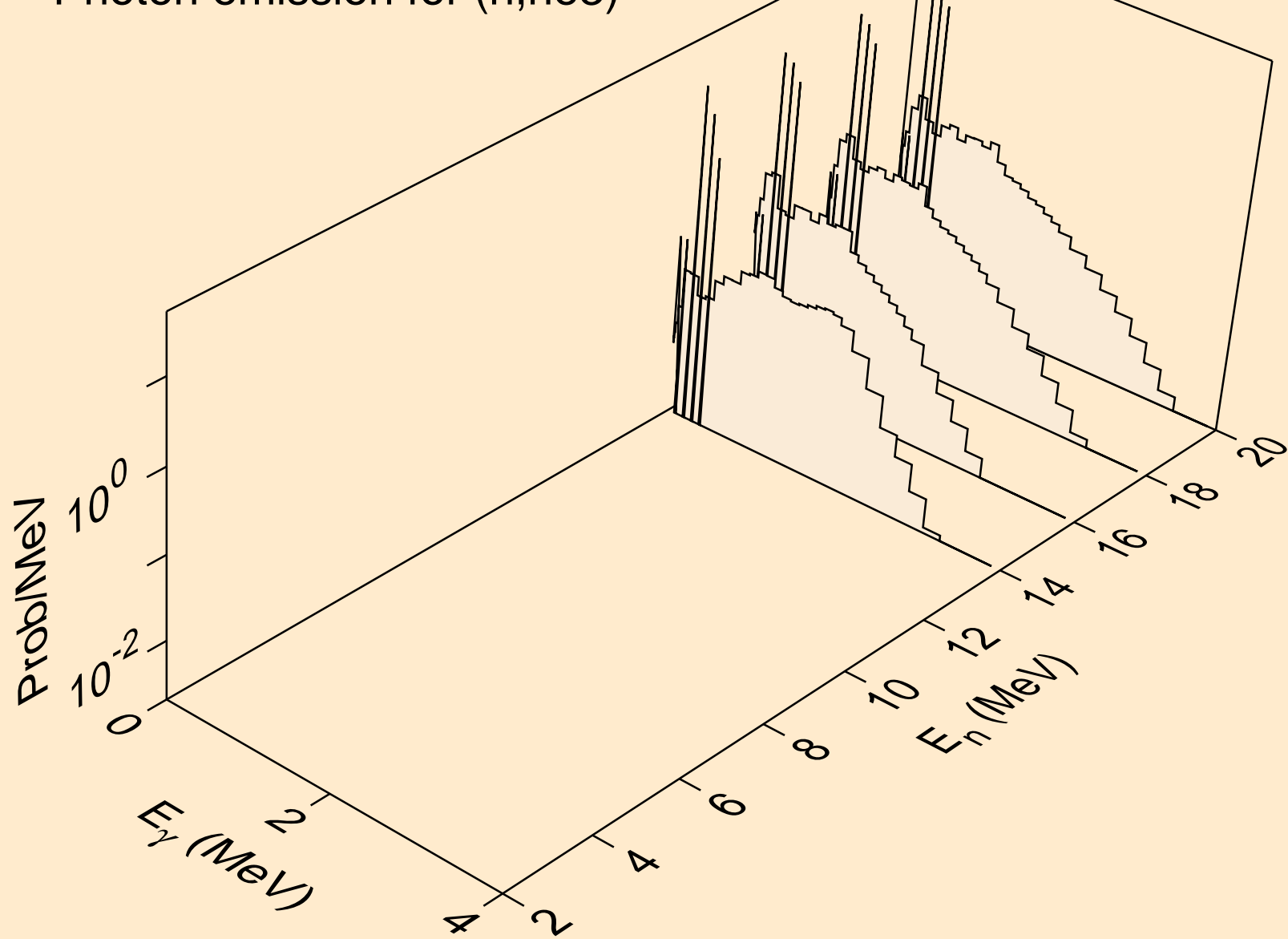
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Photon emission for (n,d)



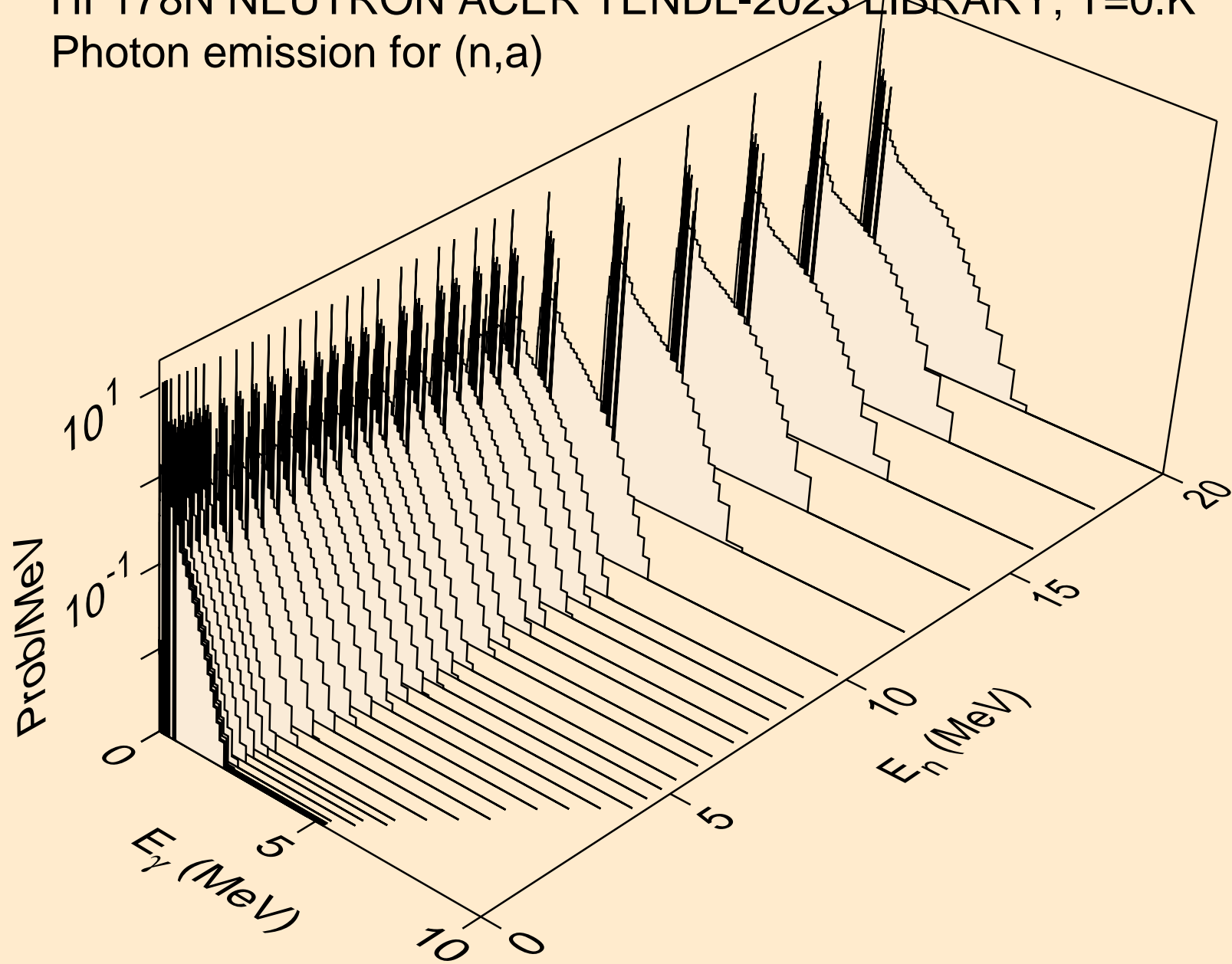
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Photon emission for (n,t)



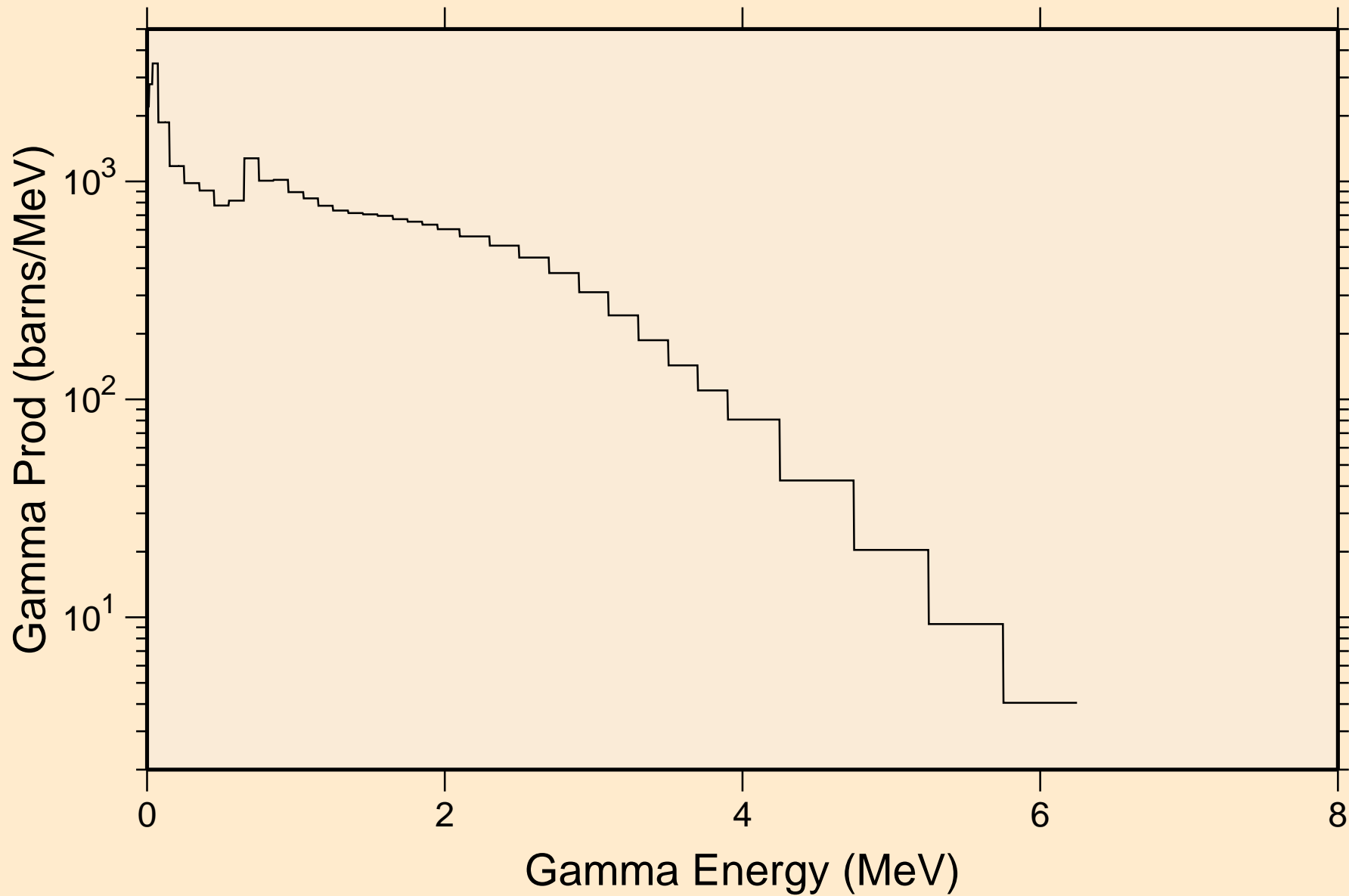
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Photon emission for (n,he3)



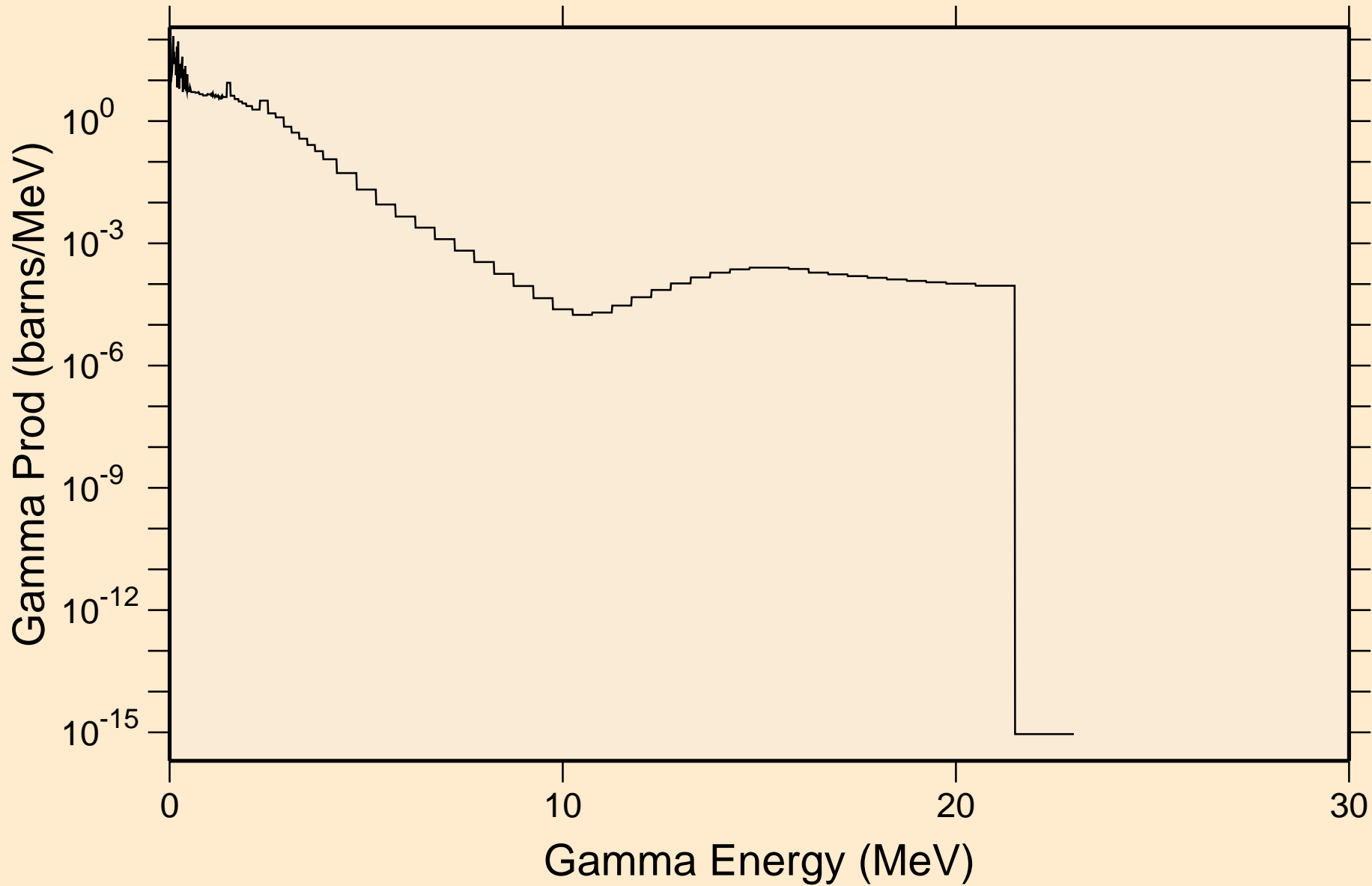
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

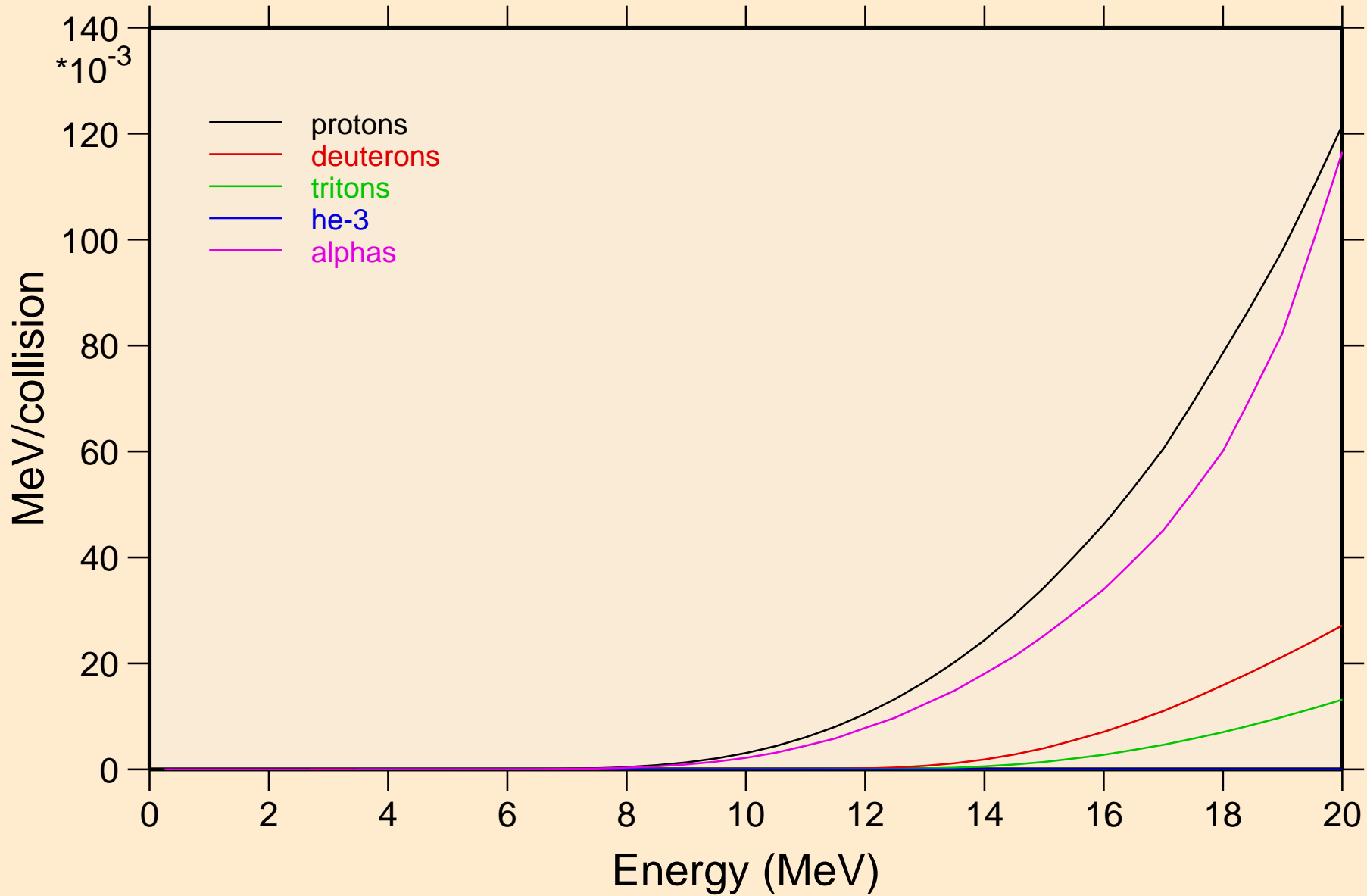


HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



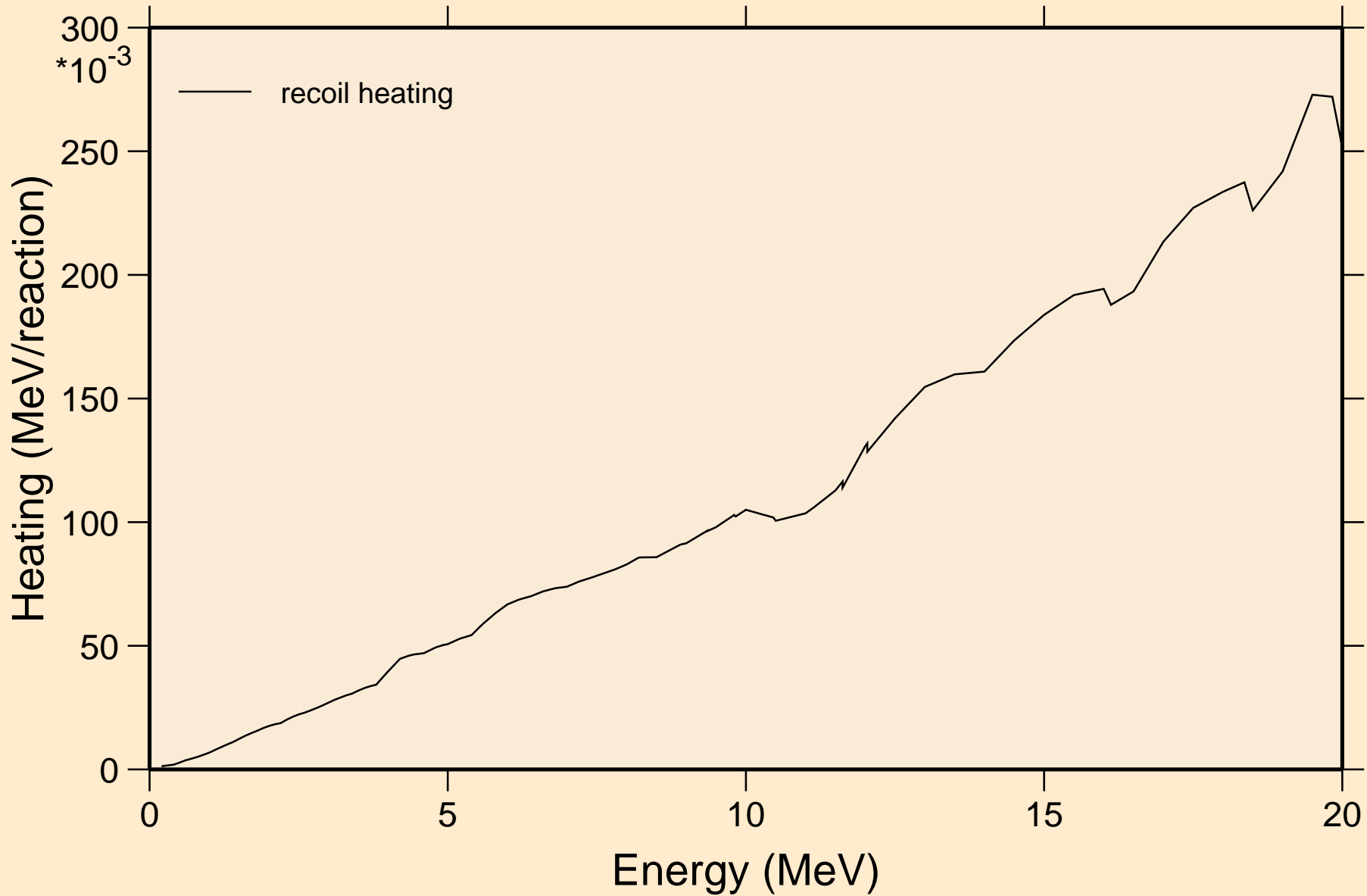
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Particle heating contributions



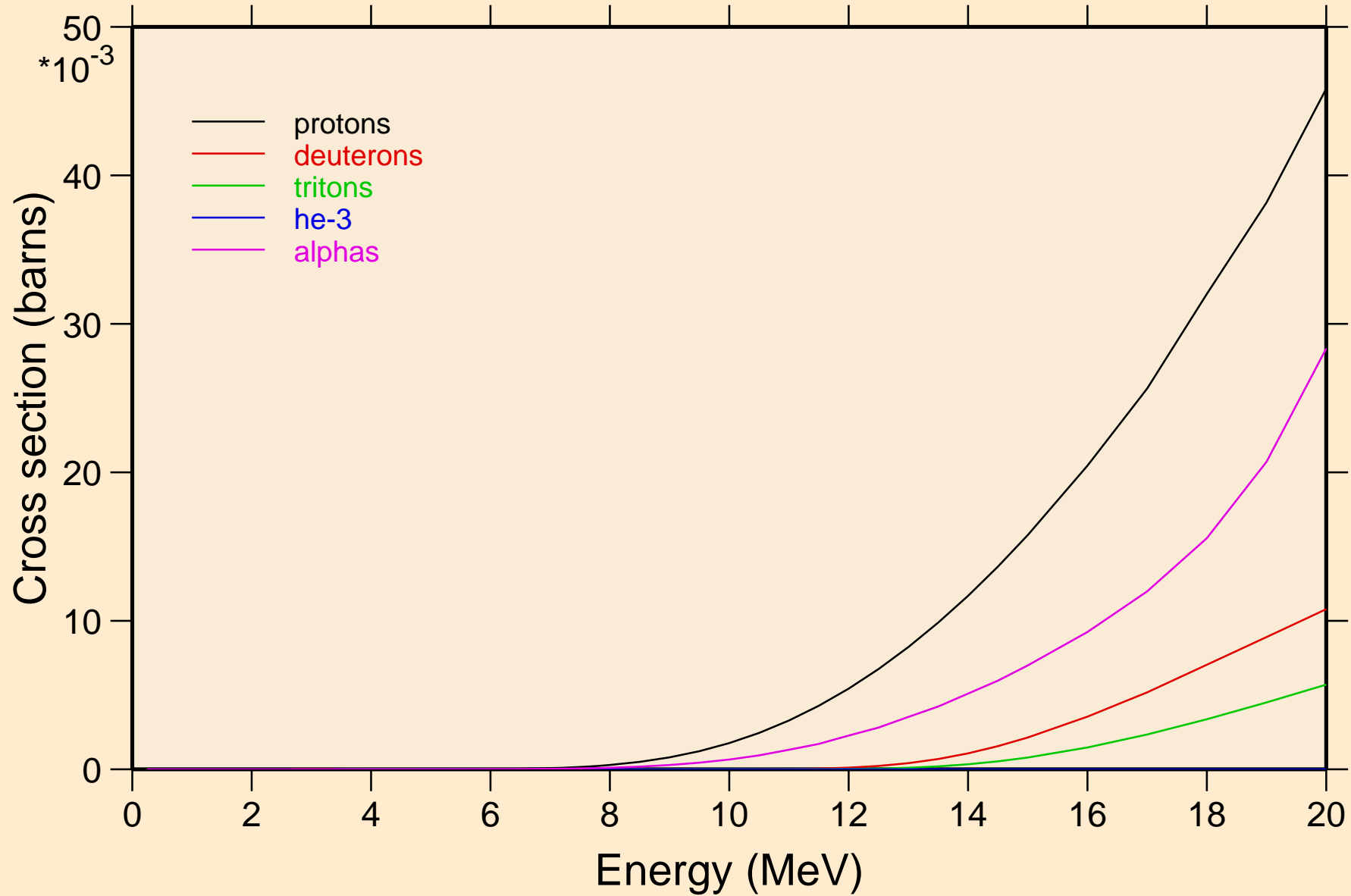
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Recoil Heating

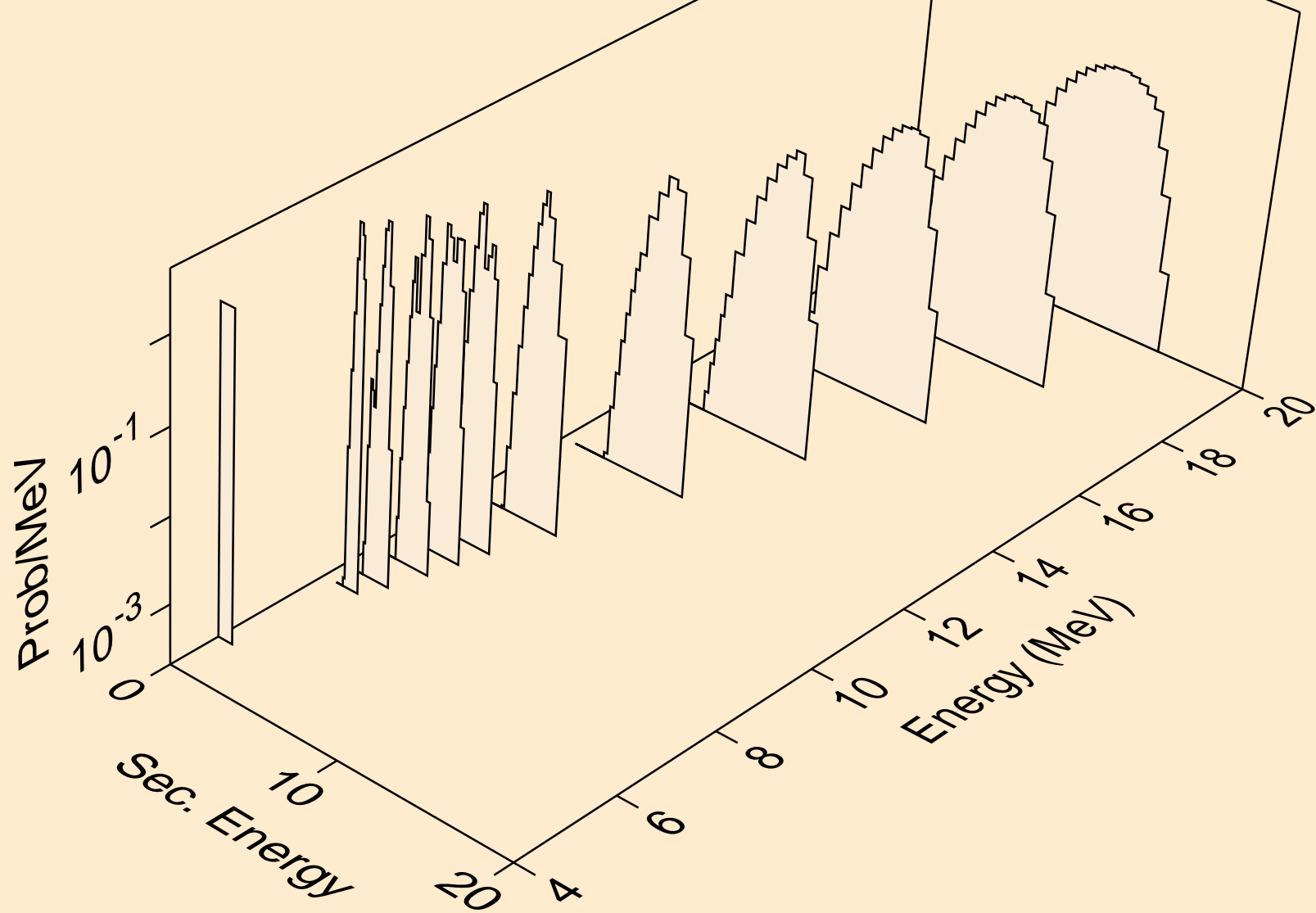


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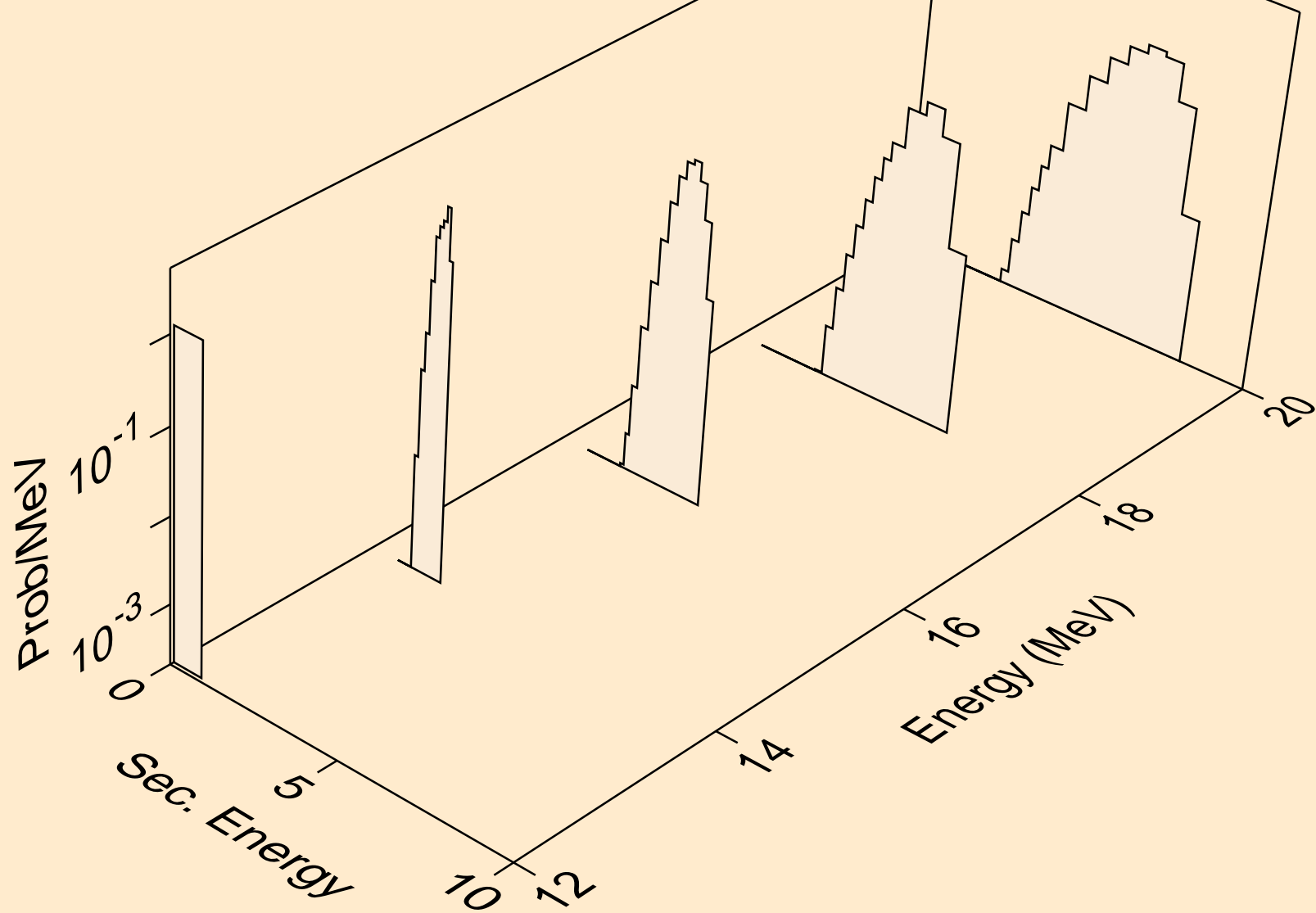
Particle production cross sections



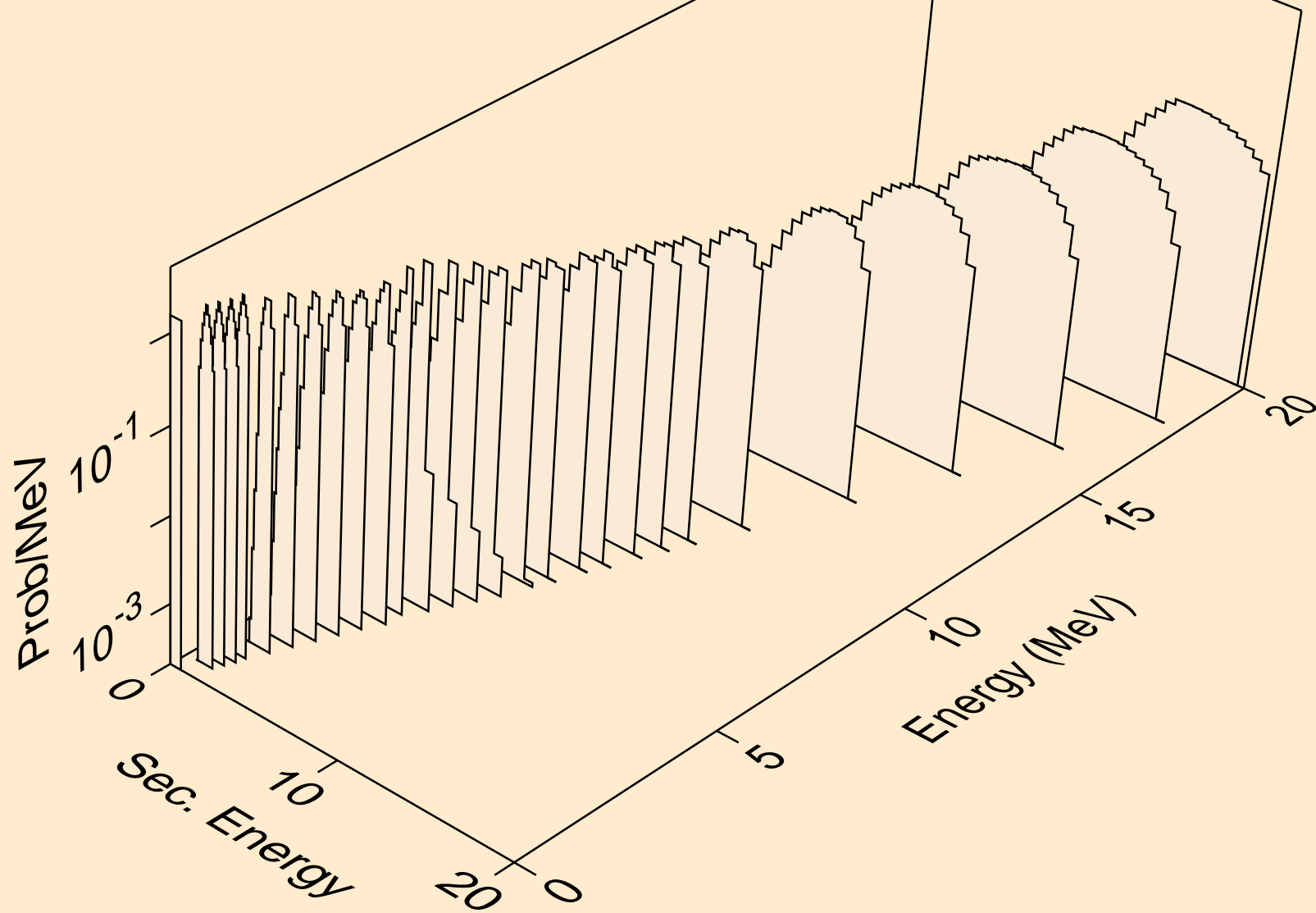
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



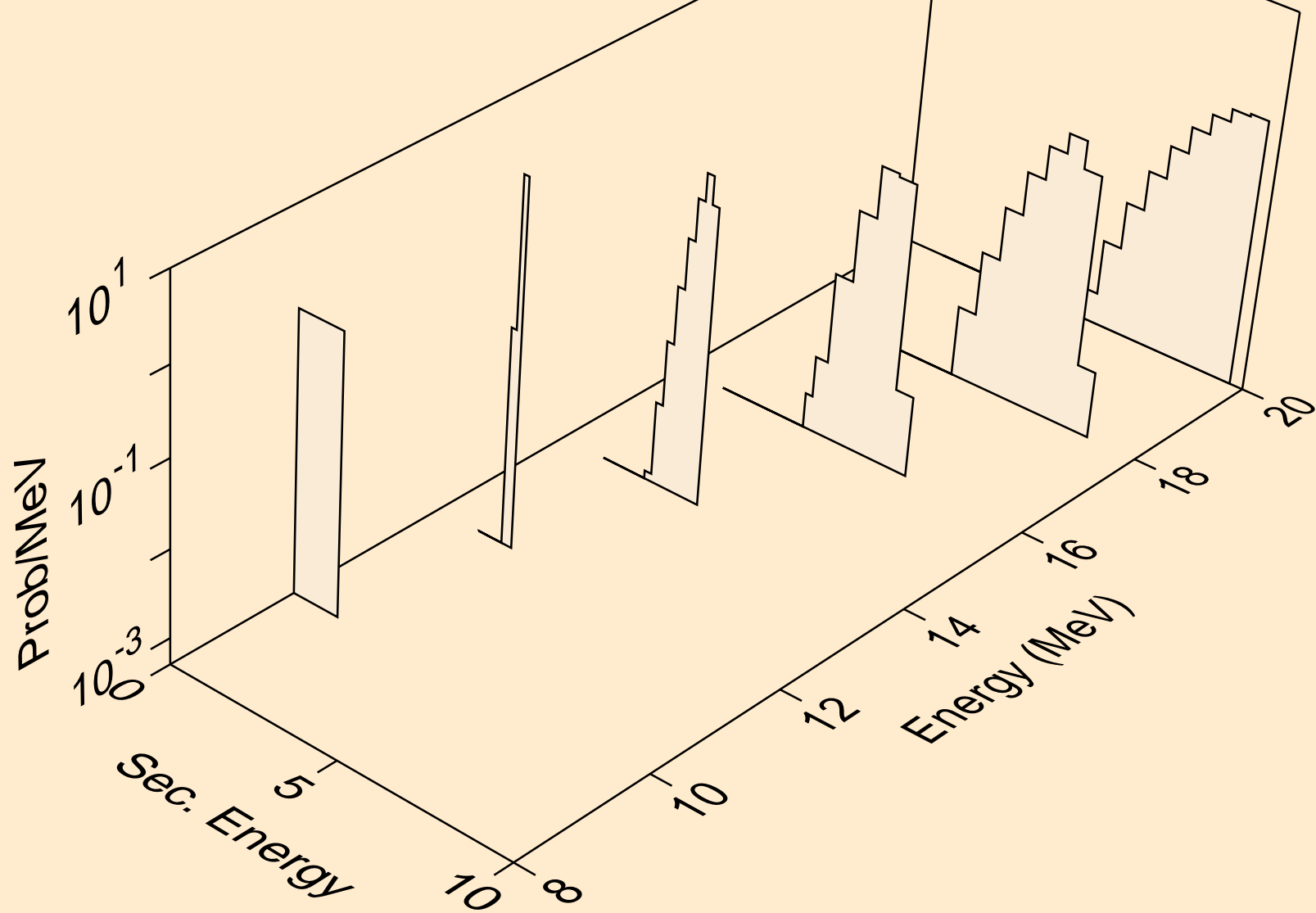
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



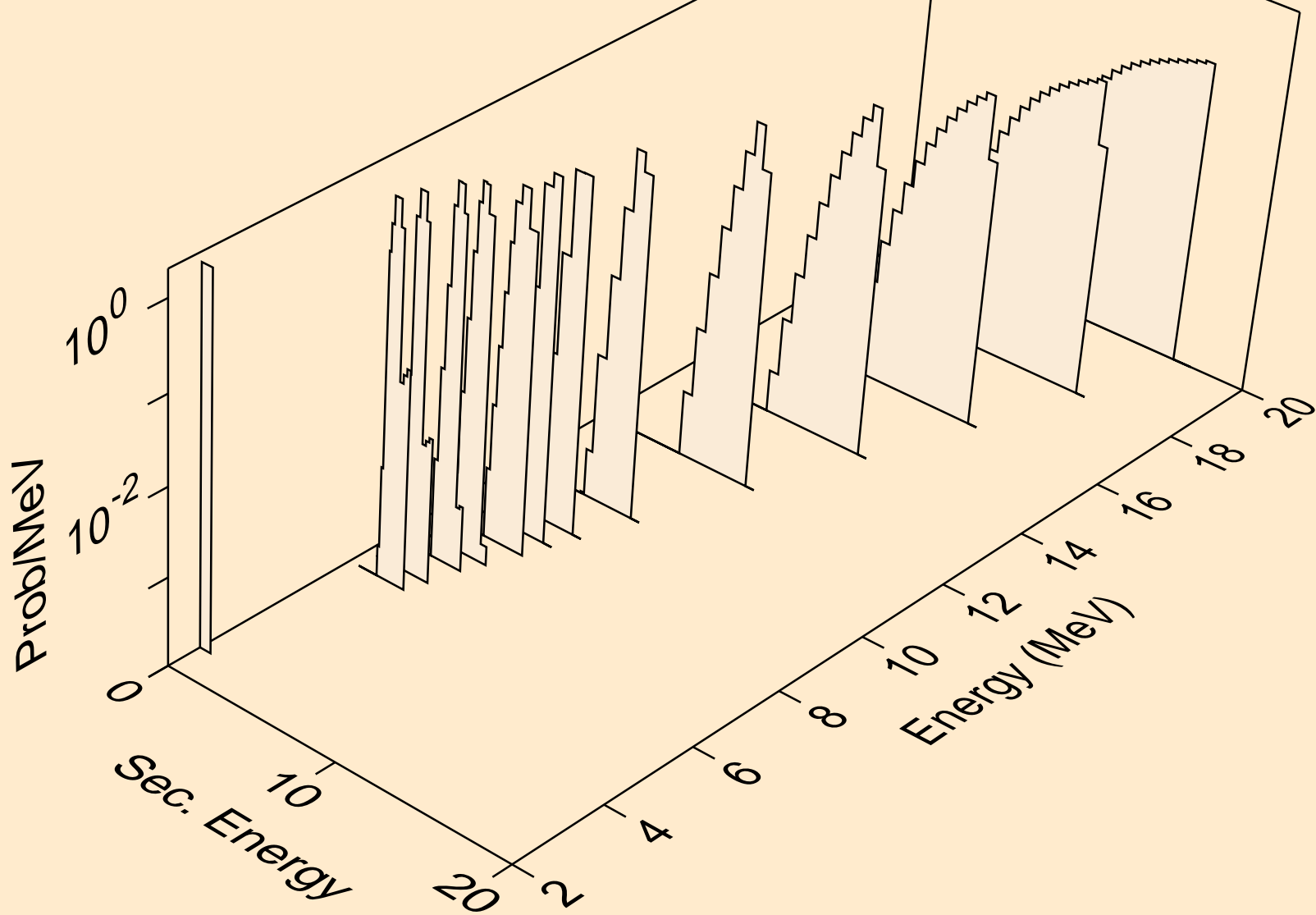
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protons from (n,p)



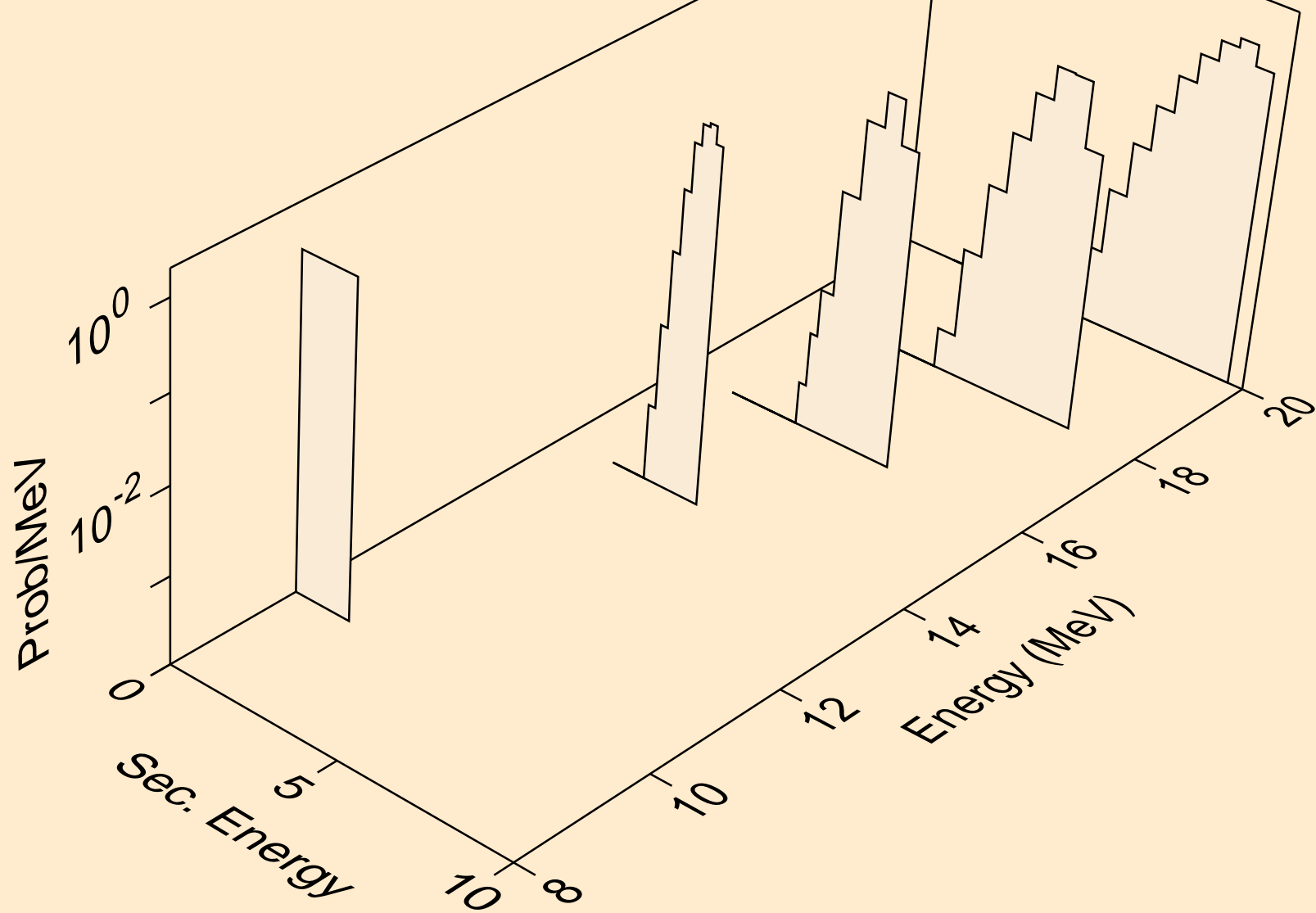
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



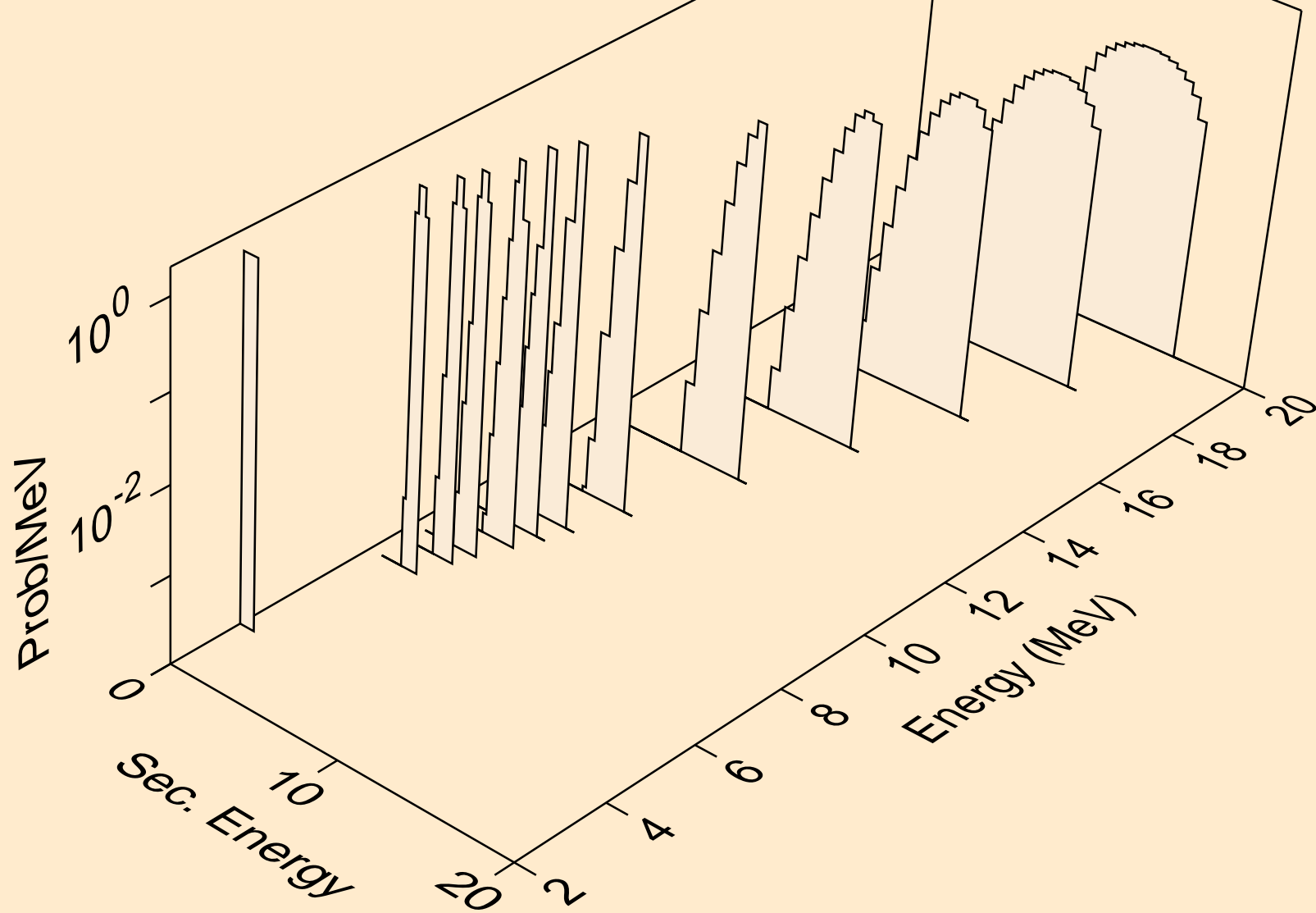
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deuterons from (n,d)



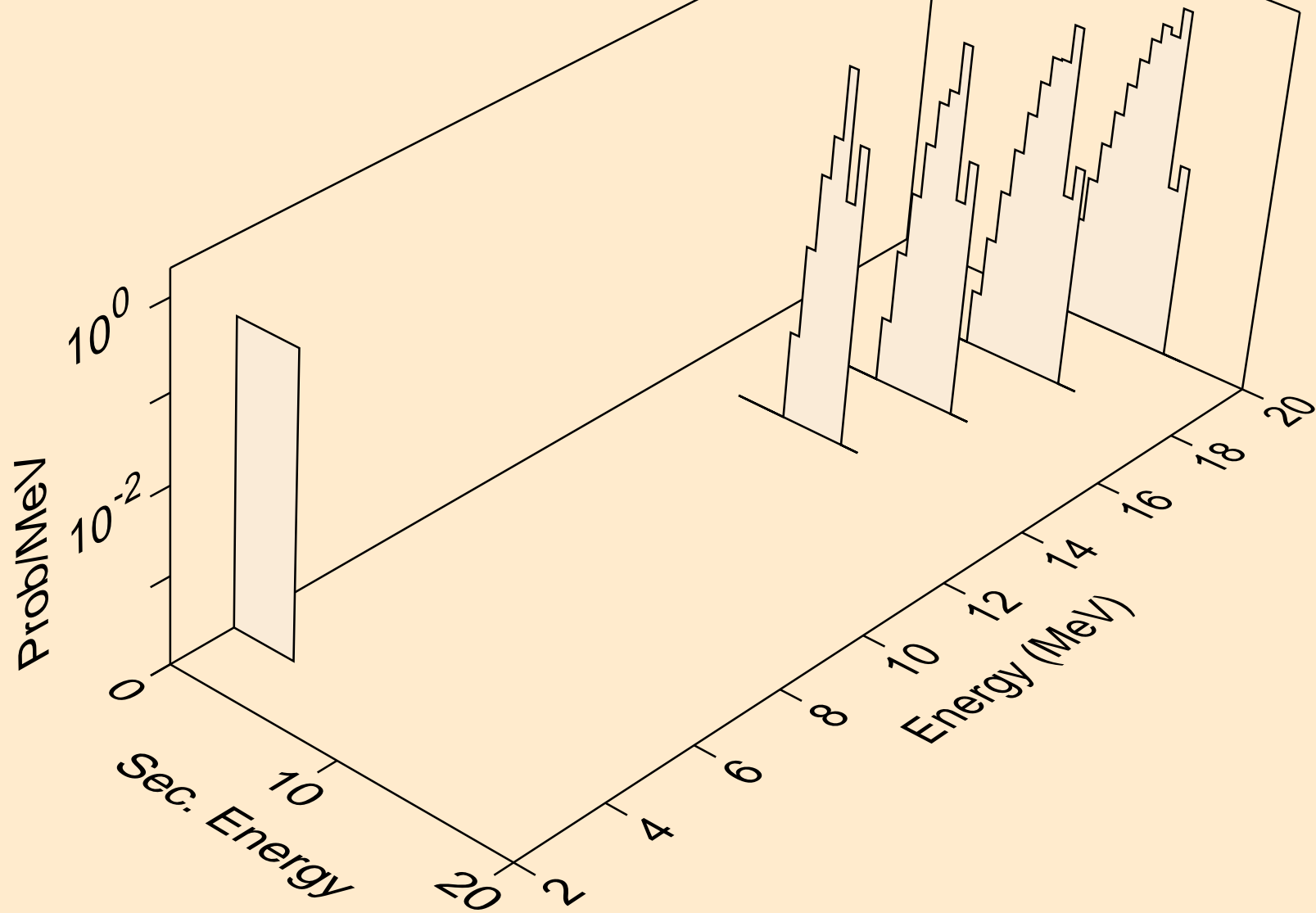
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tritons from (n,n*)t



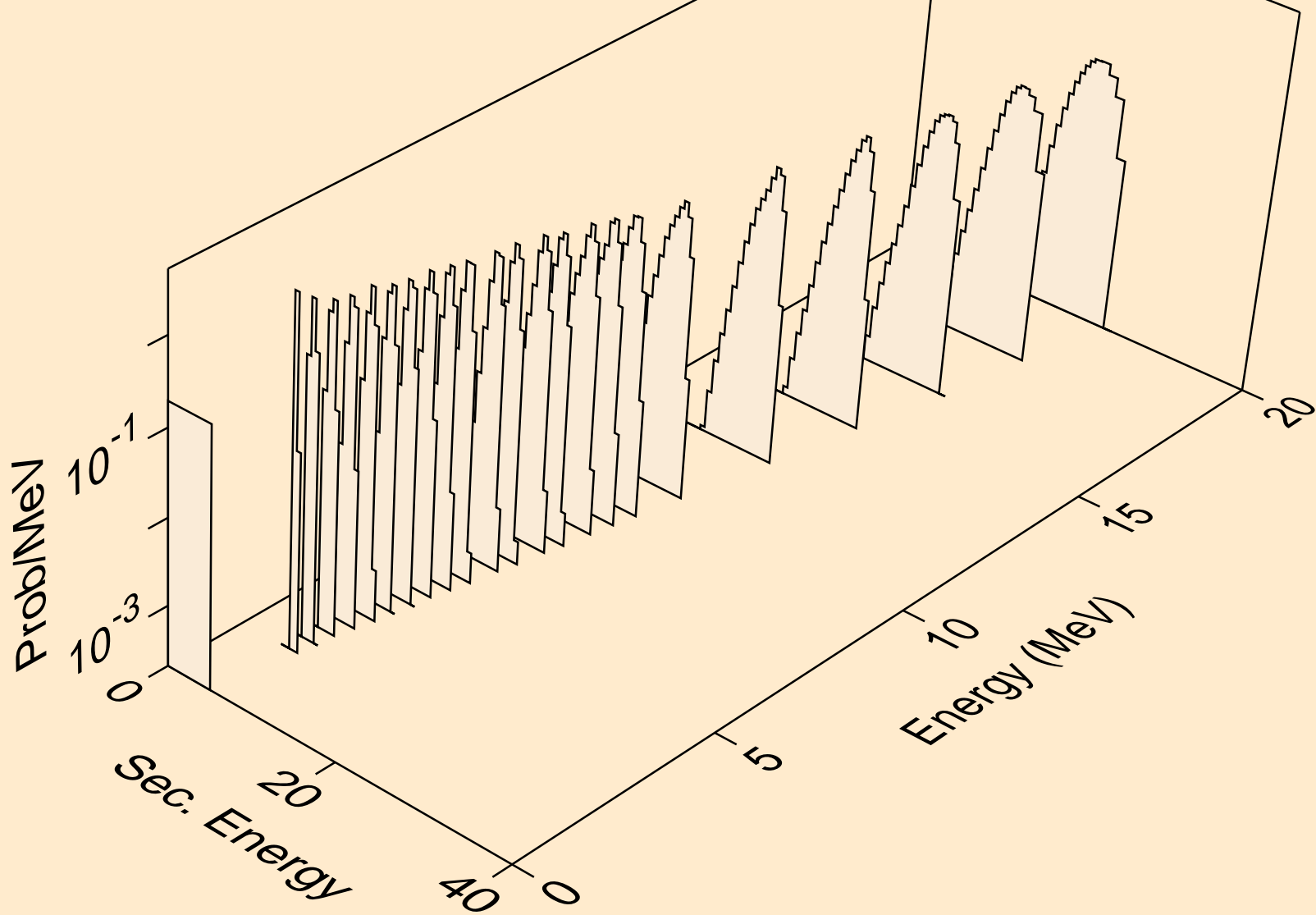
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tritons from (n,t)



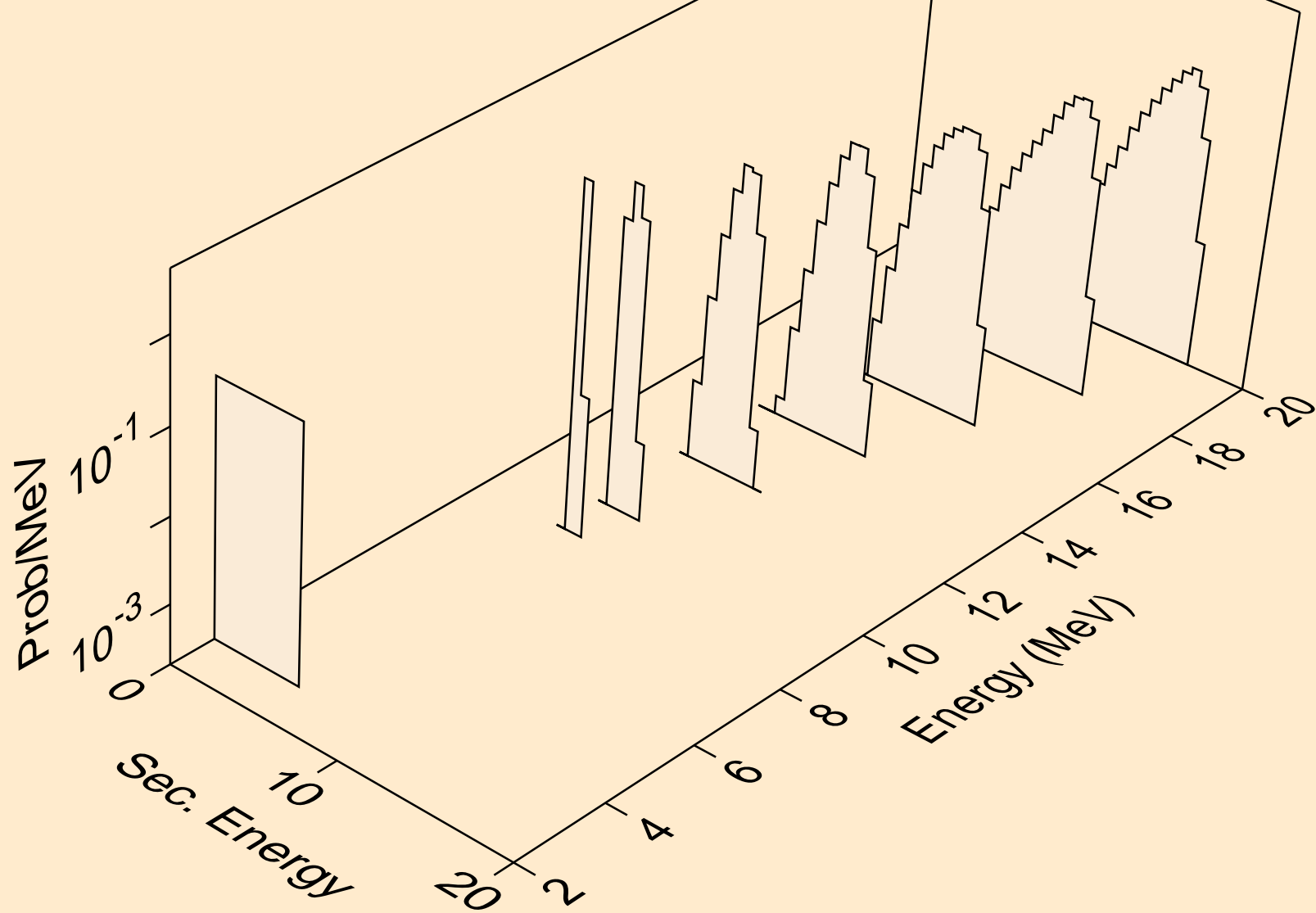
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he3s from (n,he3)



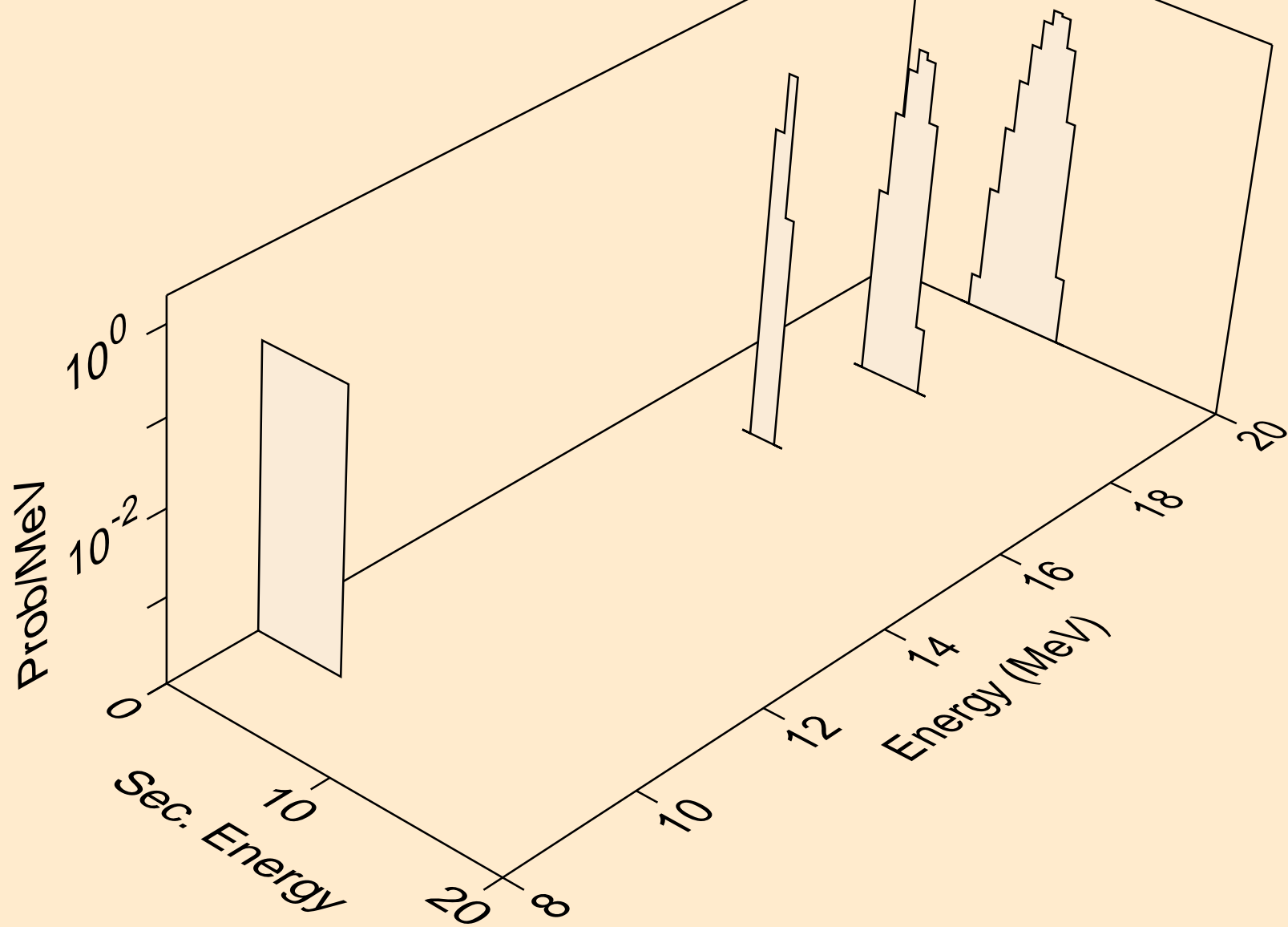
HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



HF178N NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

