

Program EVALPLOT
(Version 2021-1)

by

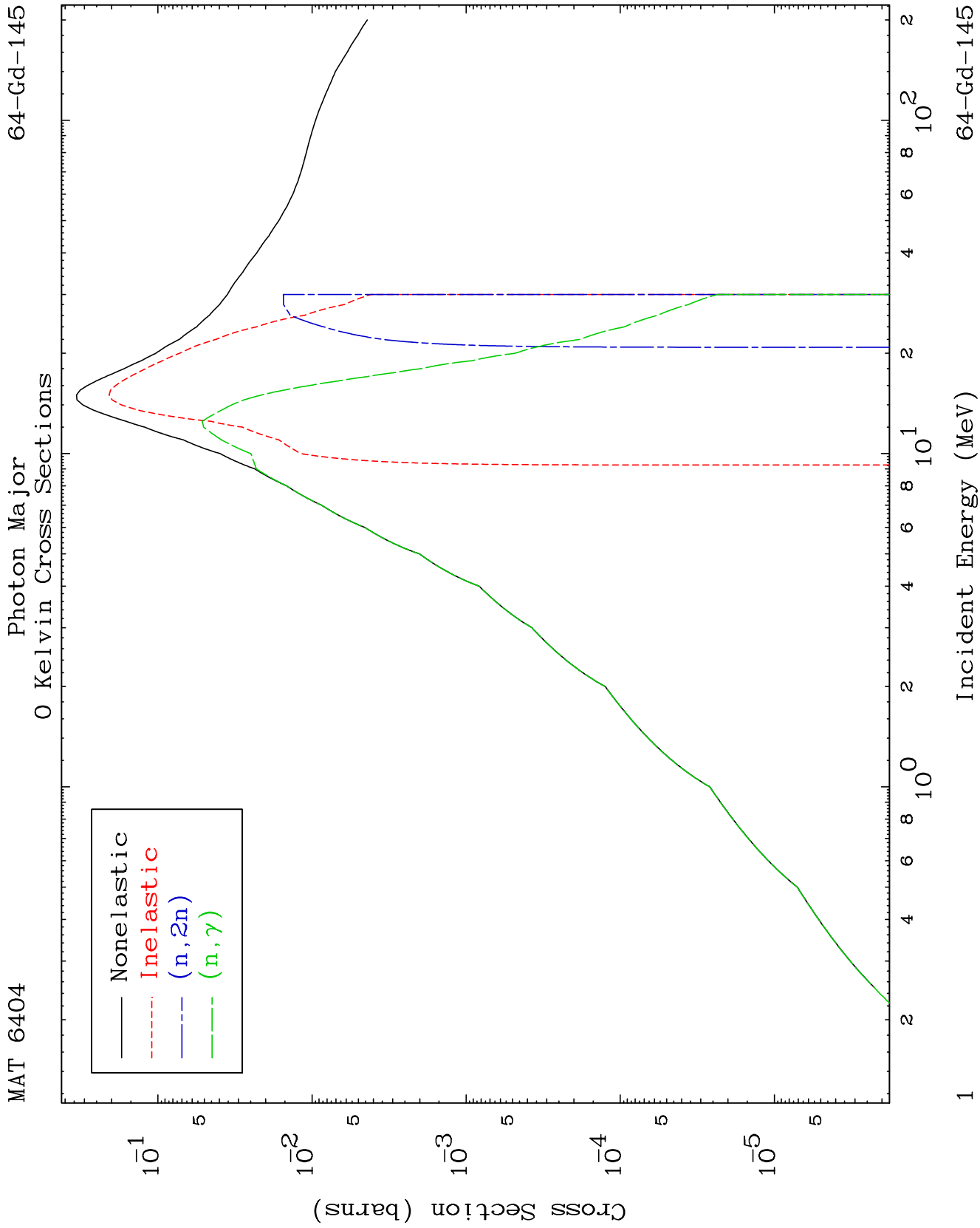
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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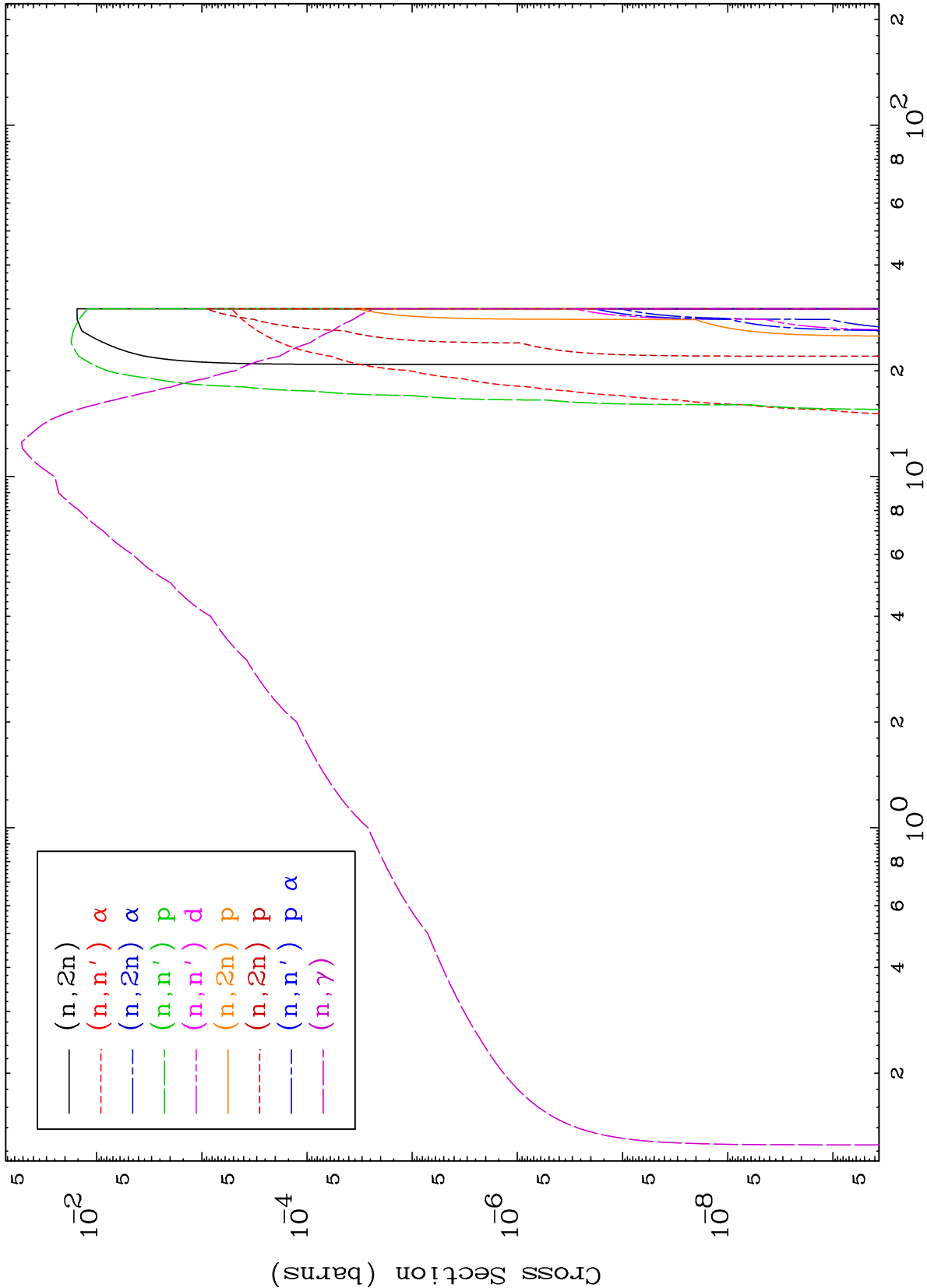
Press Mouse Button to Start



MAT 6404

Photon Neutron Absorption
0 Kelvin Cross Sections

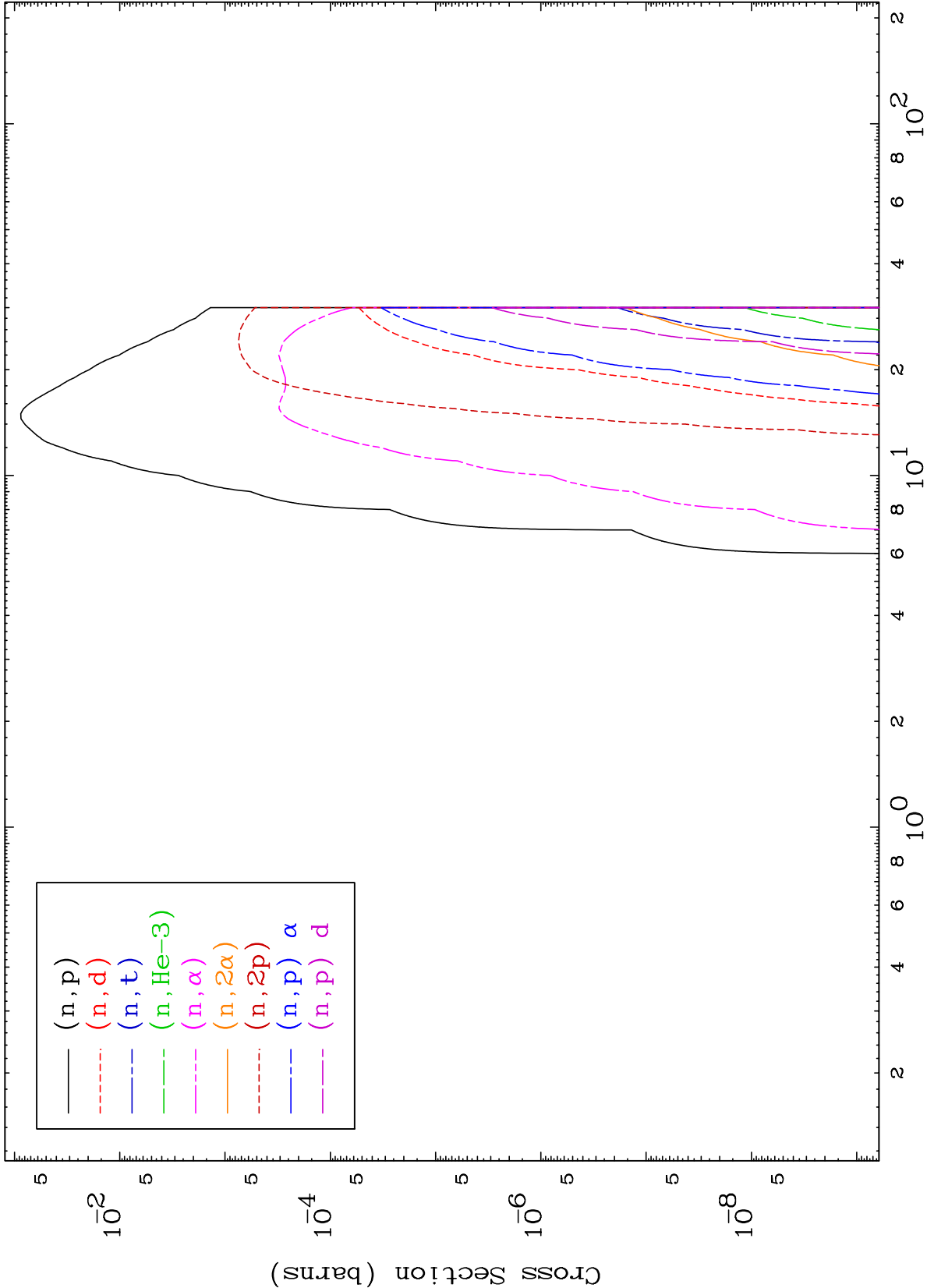
64-Gd-145



2

Incident Energy (MeV)

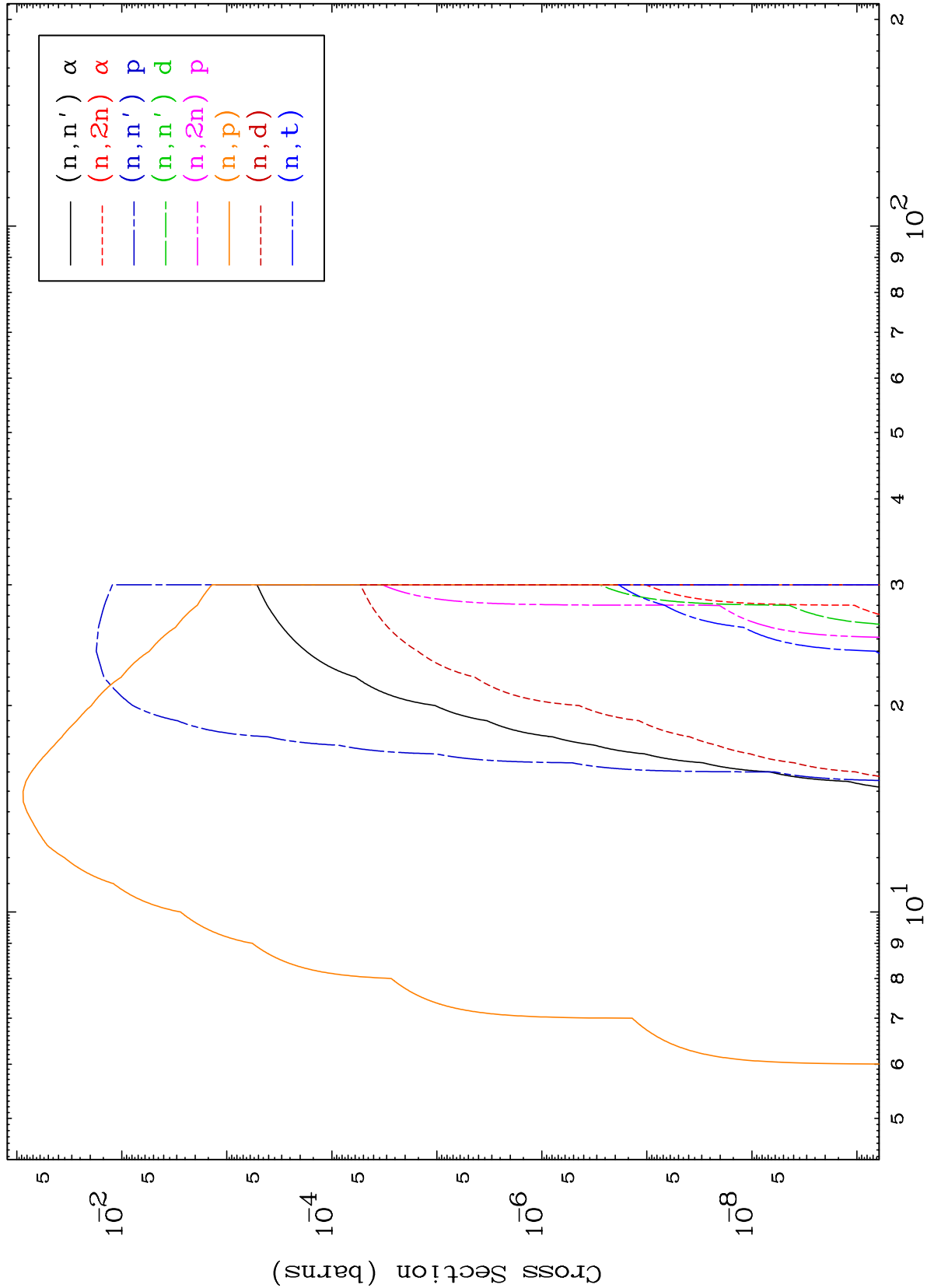
64-Gd-145



MAT 6404

Photon Charged Particle
0 Kelvin Cross Sections

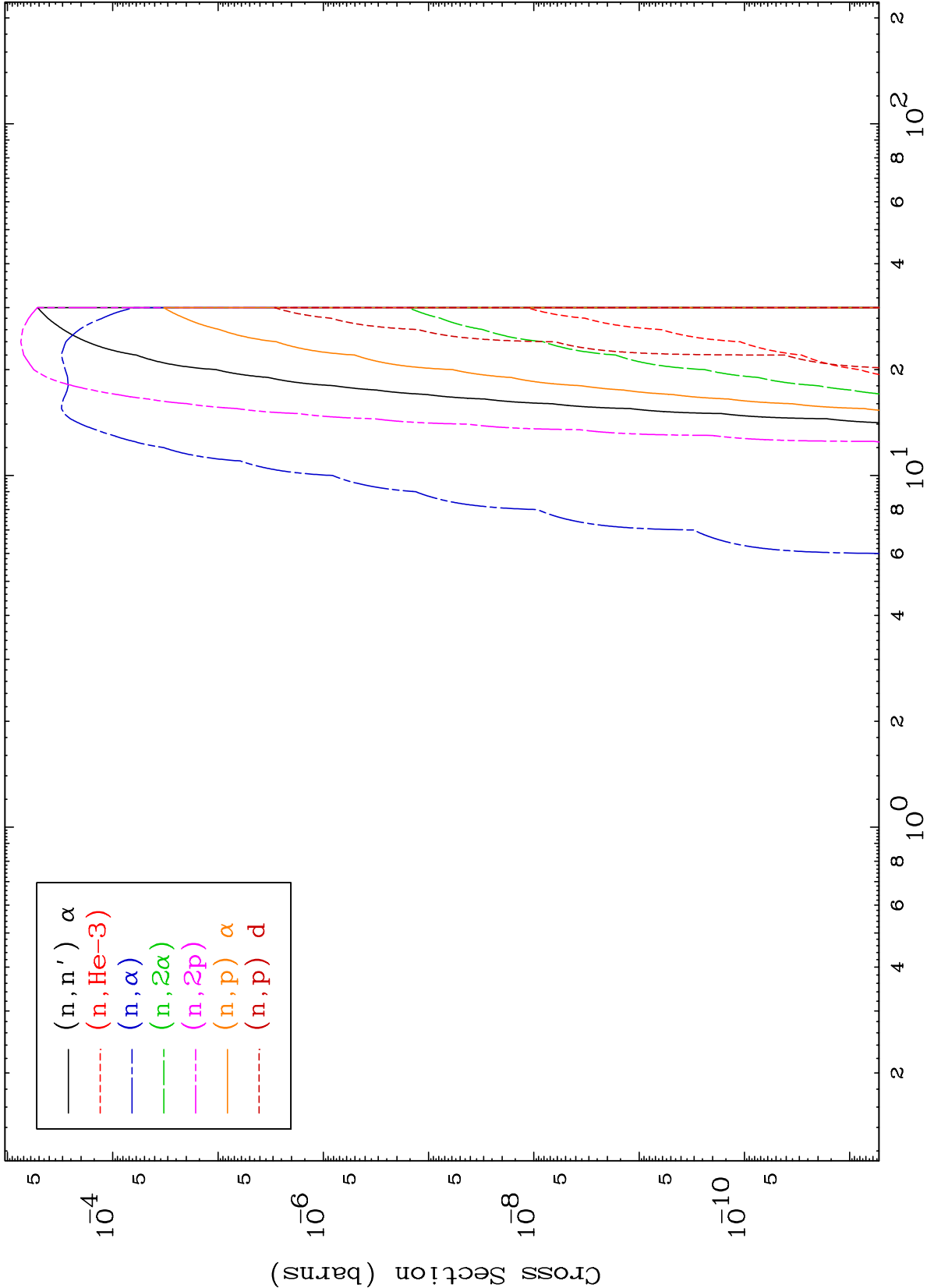
64-Gd-145

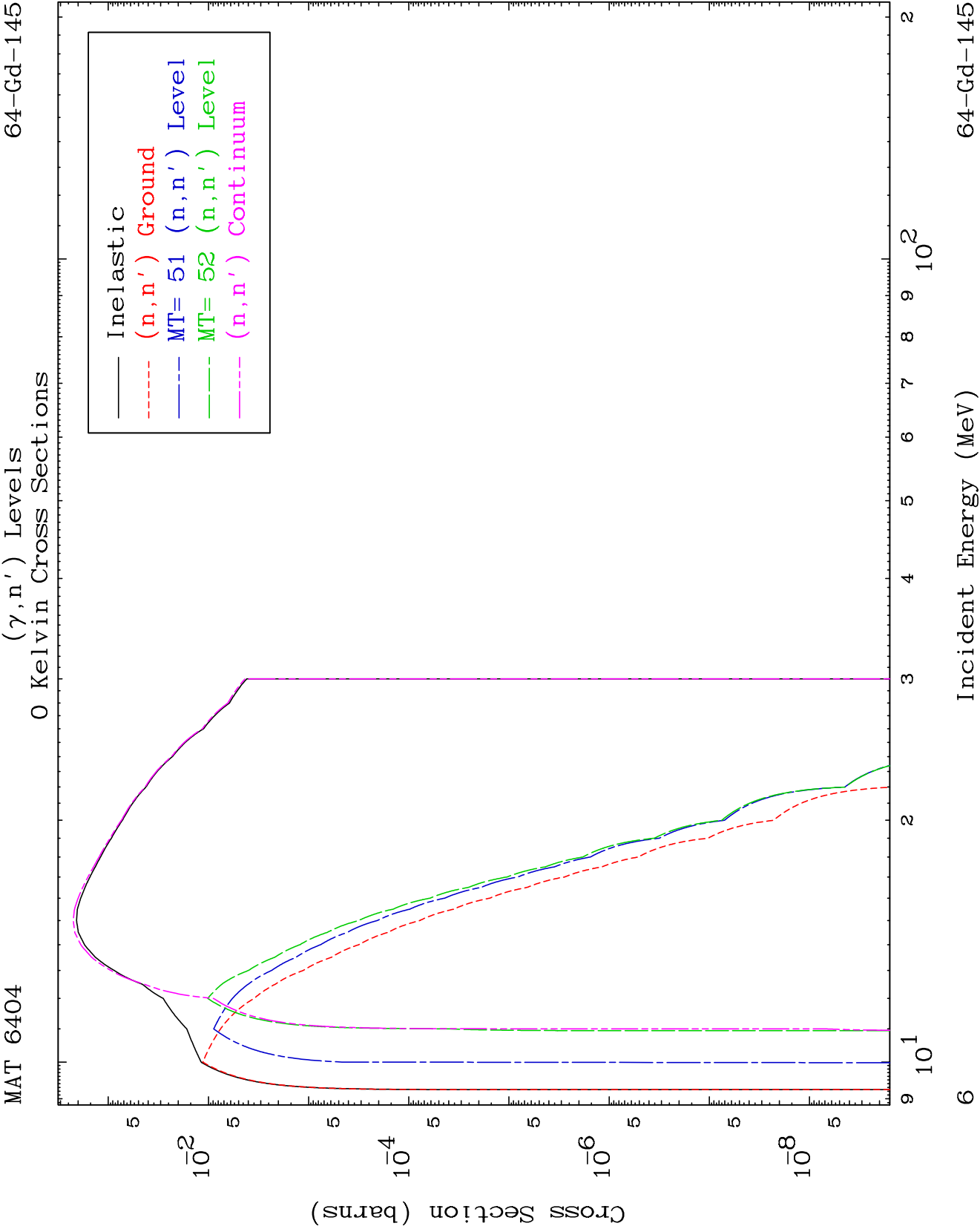


4

Incident Energy (MeV)

64-Gd-145

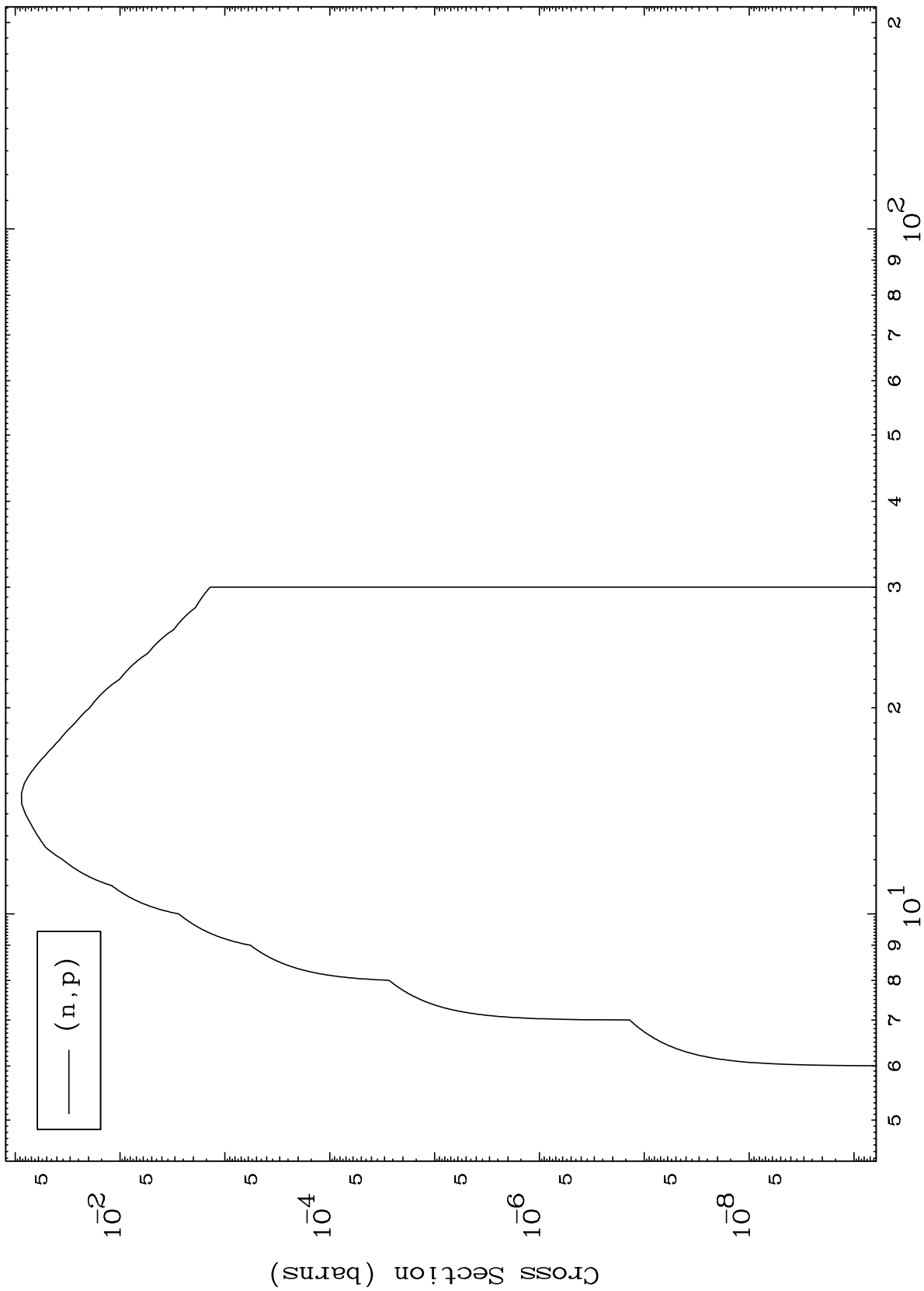




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64-Gd-145

(γ ,p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

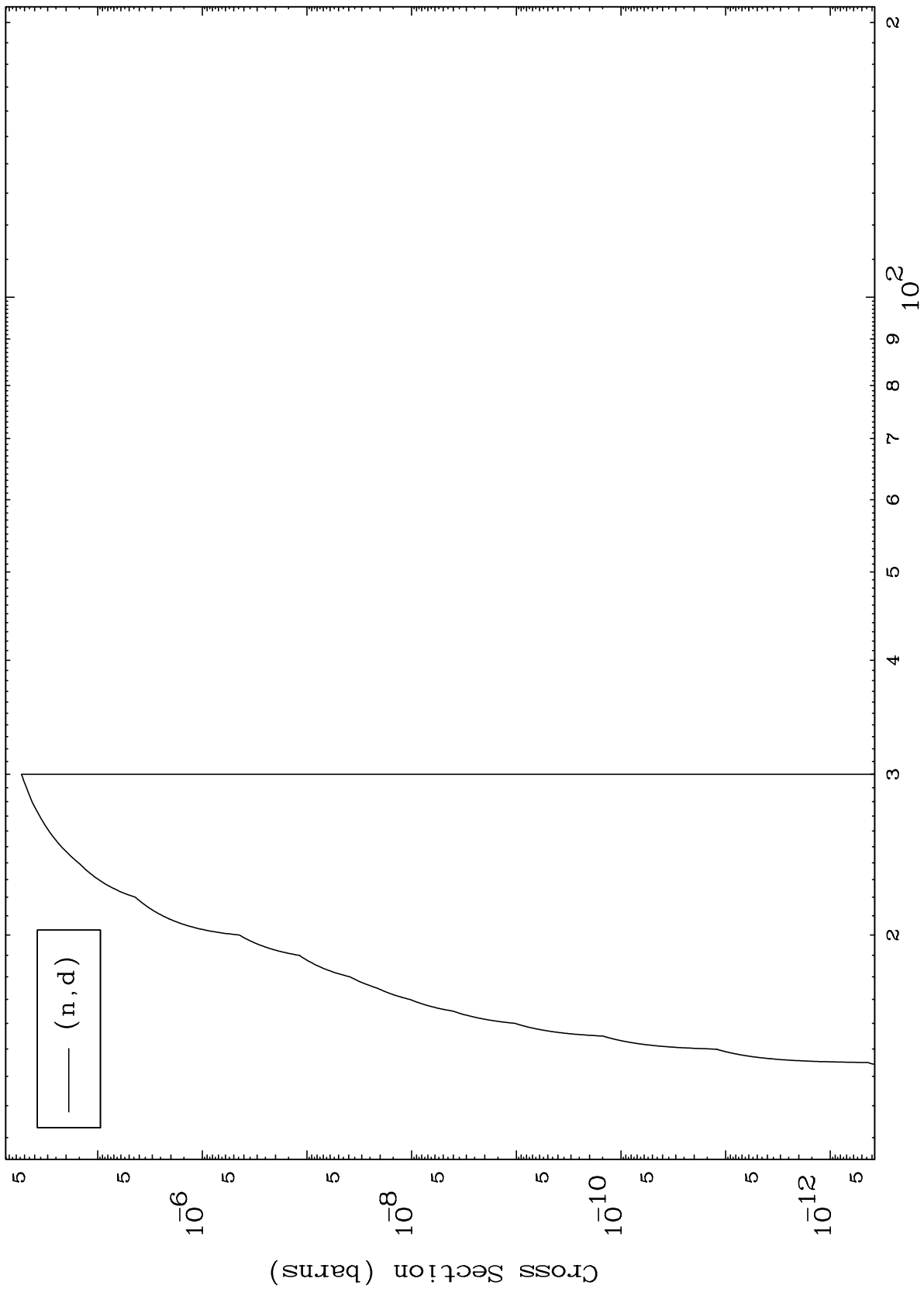
64-Gd-145

7

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64-Gd-145

(γ, d) Levels
0 Kelvin Cross Sections



64-Gd-145

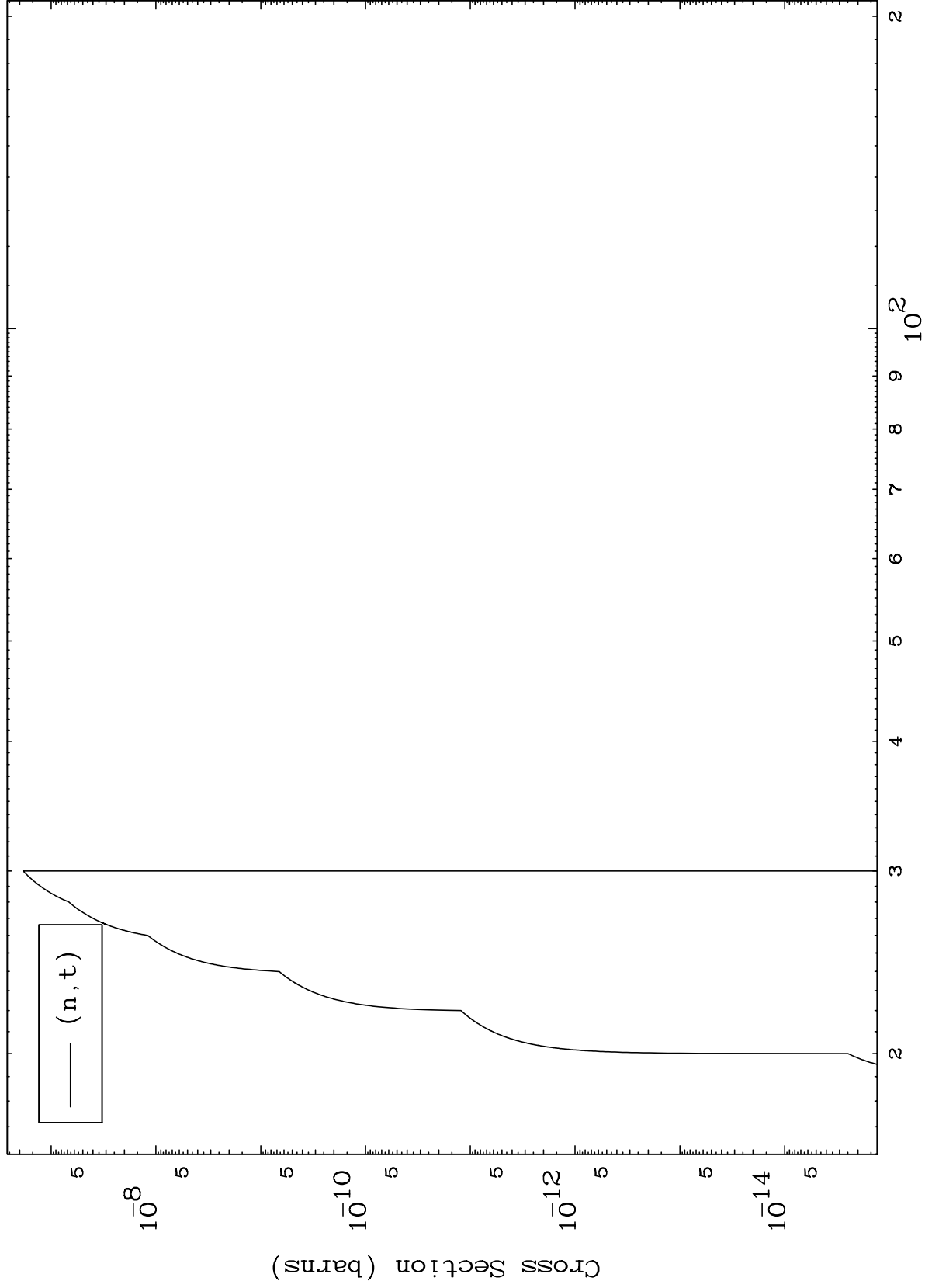
Incident Energy (MeV)

8

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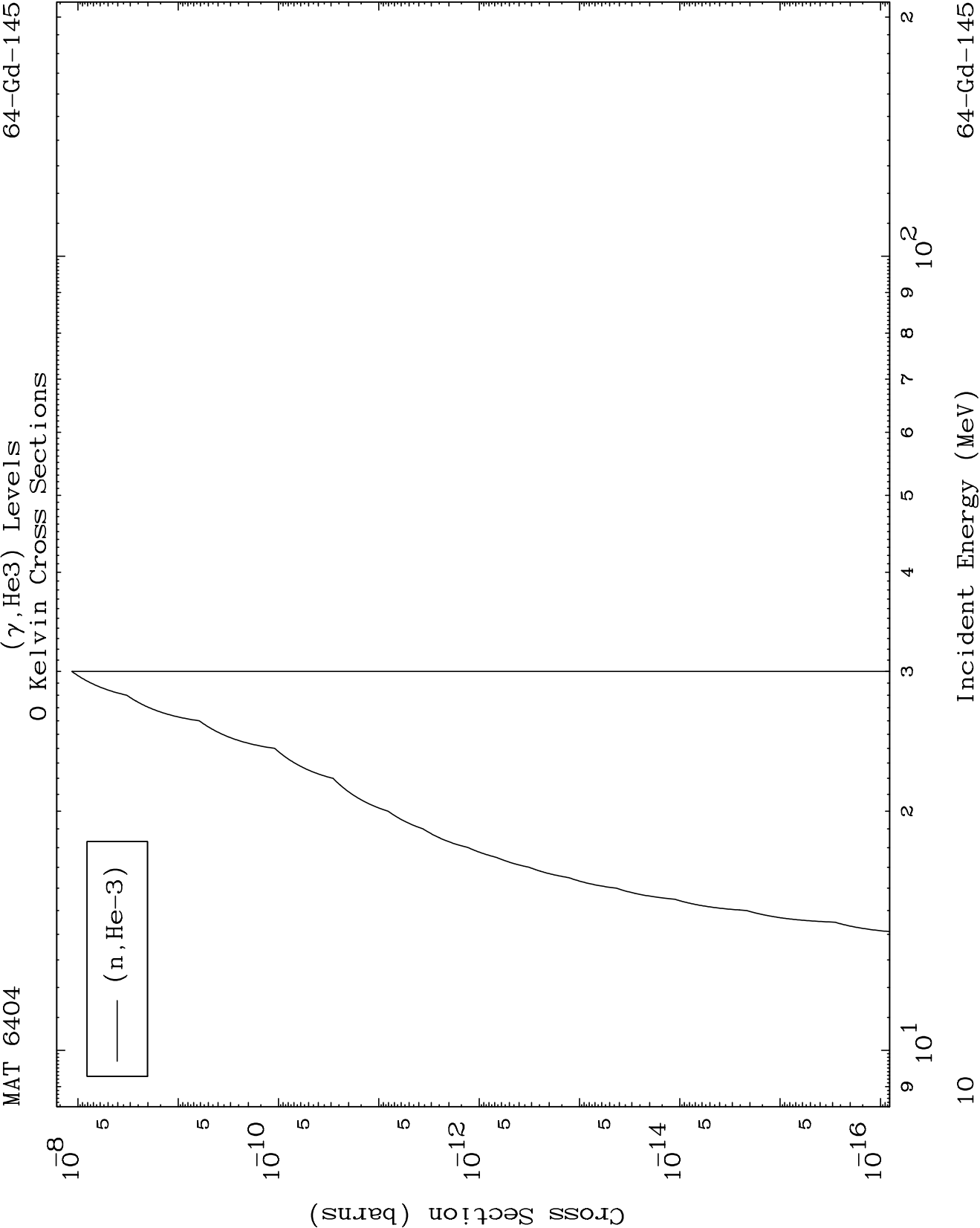
64-Gd-145

(γ, t) Levels
0 Kelvin Cross Sections



9

64-Gd-145

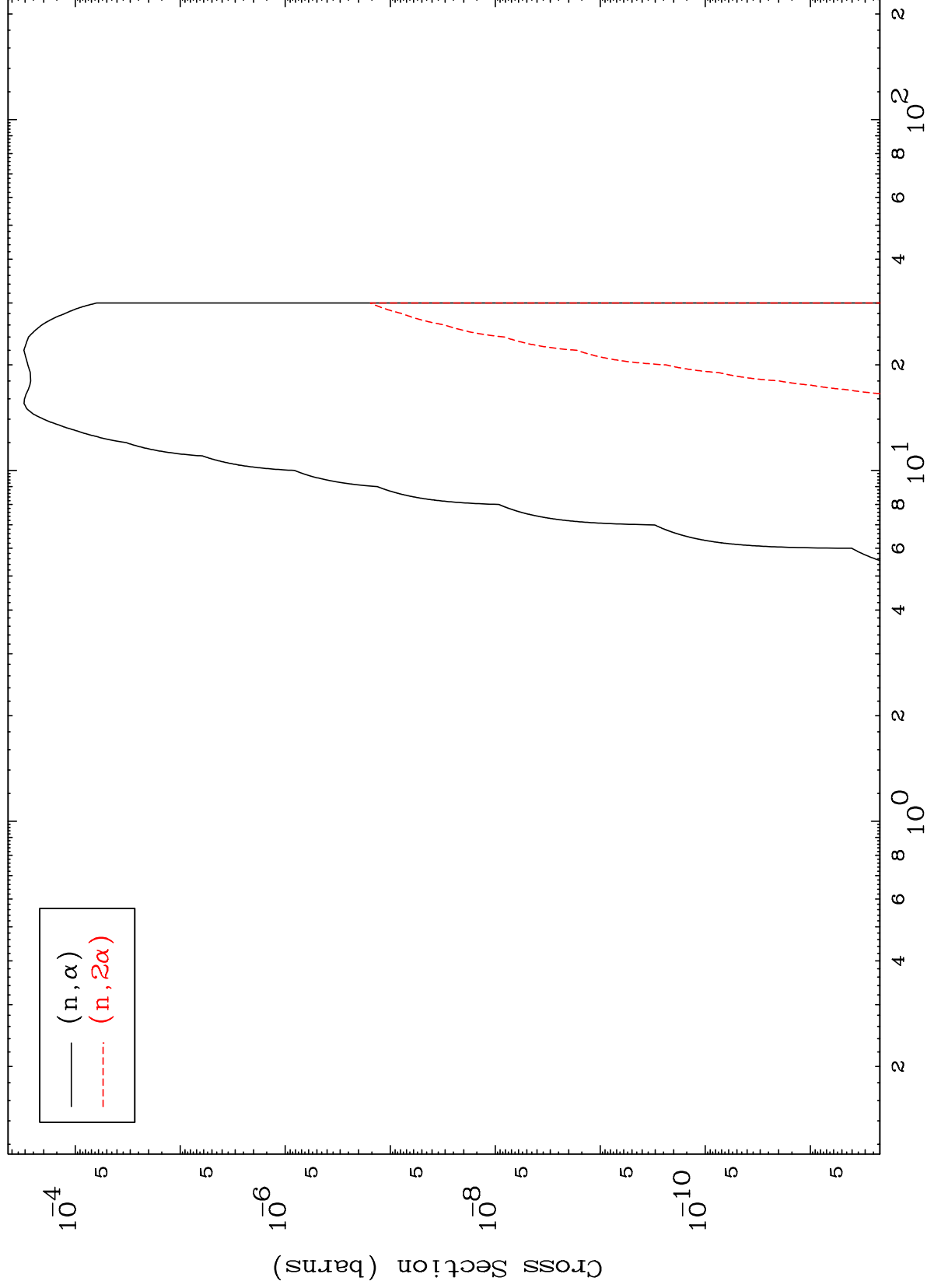


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(γ, α) Levels

64-Gd-145

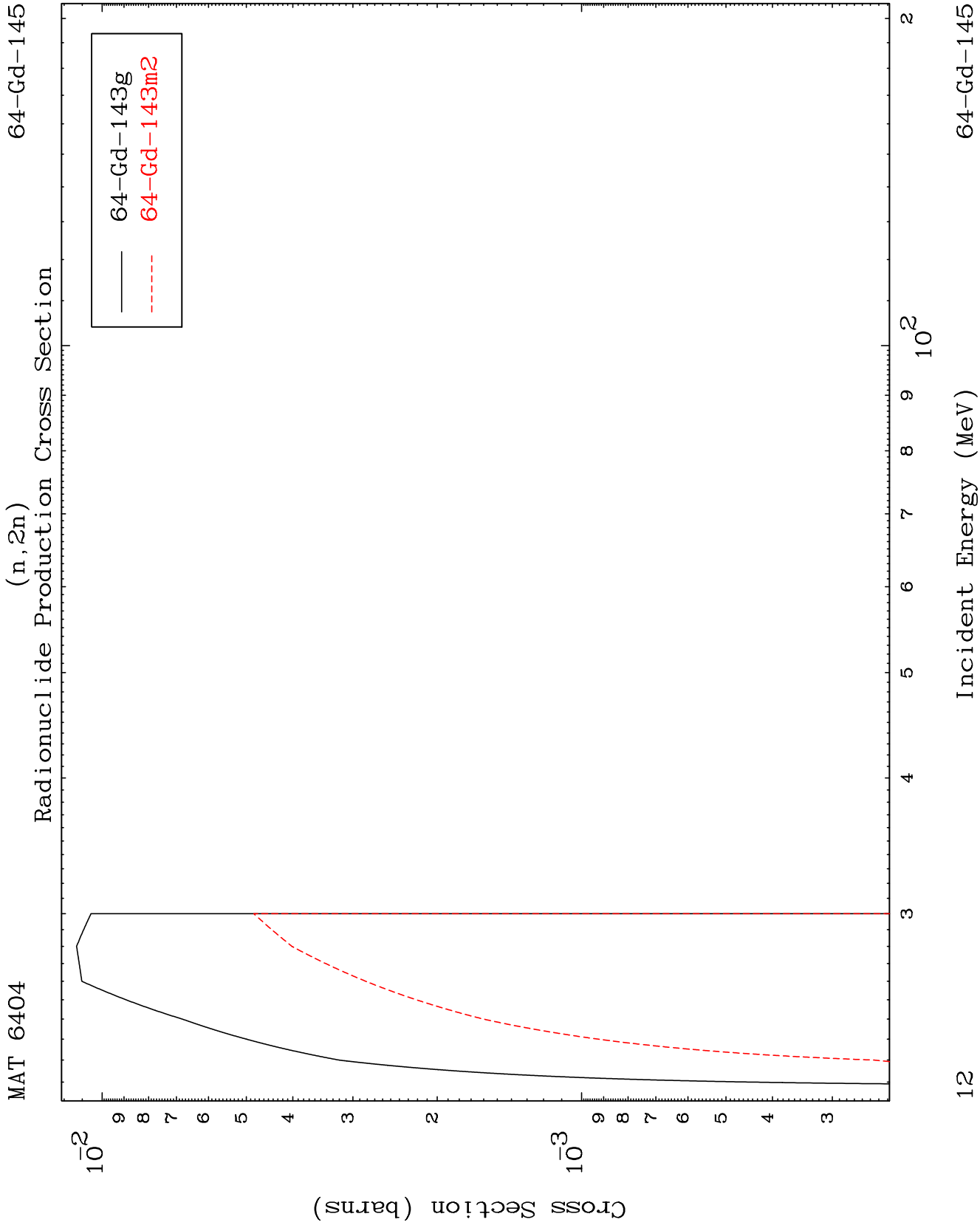
0 Kelvin Cross Sections

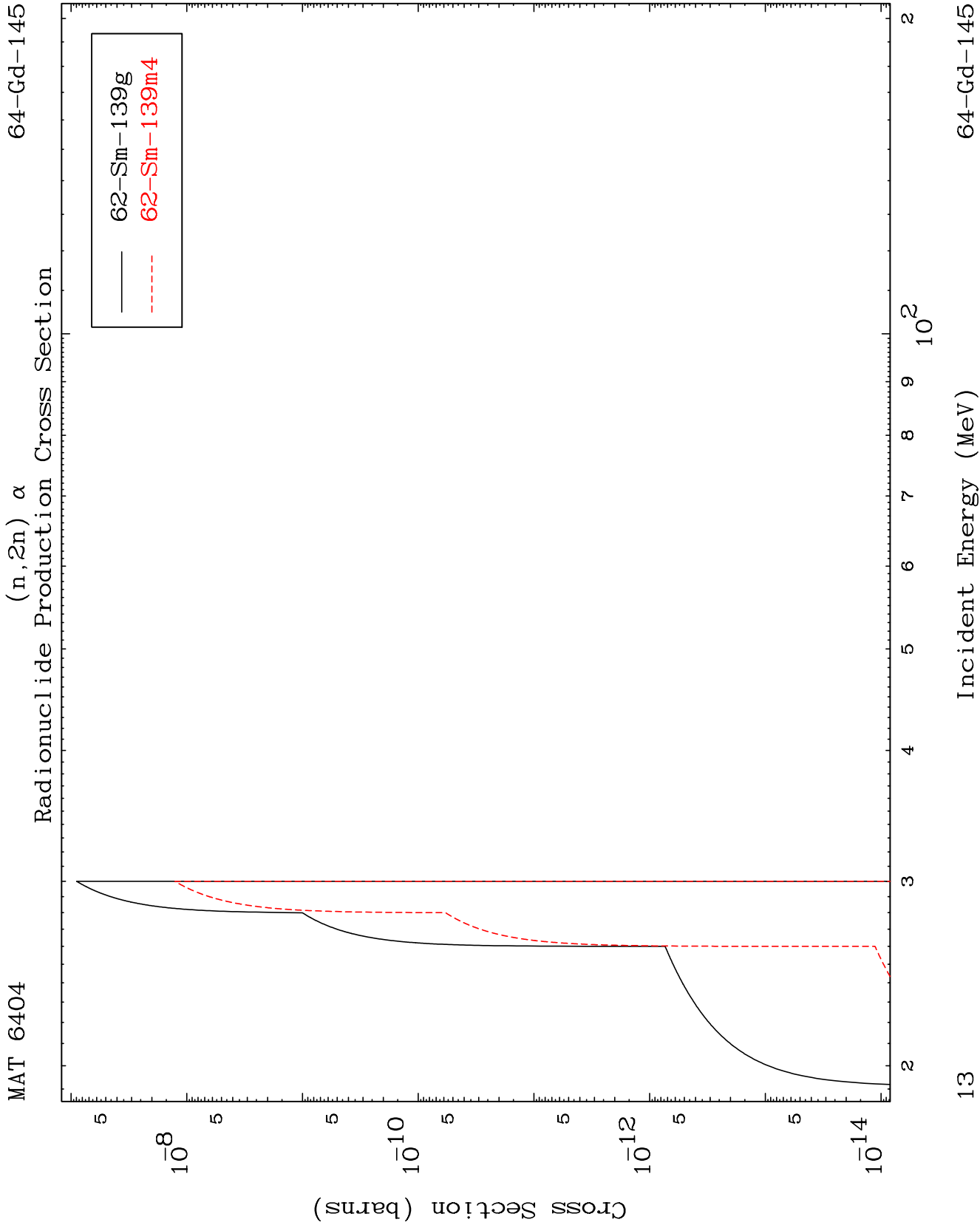


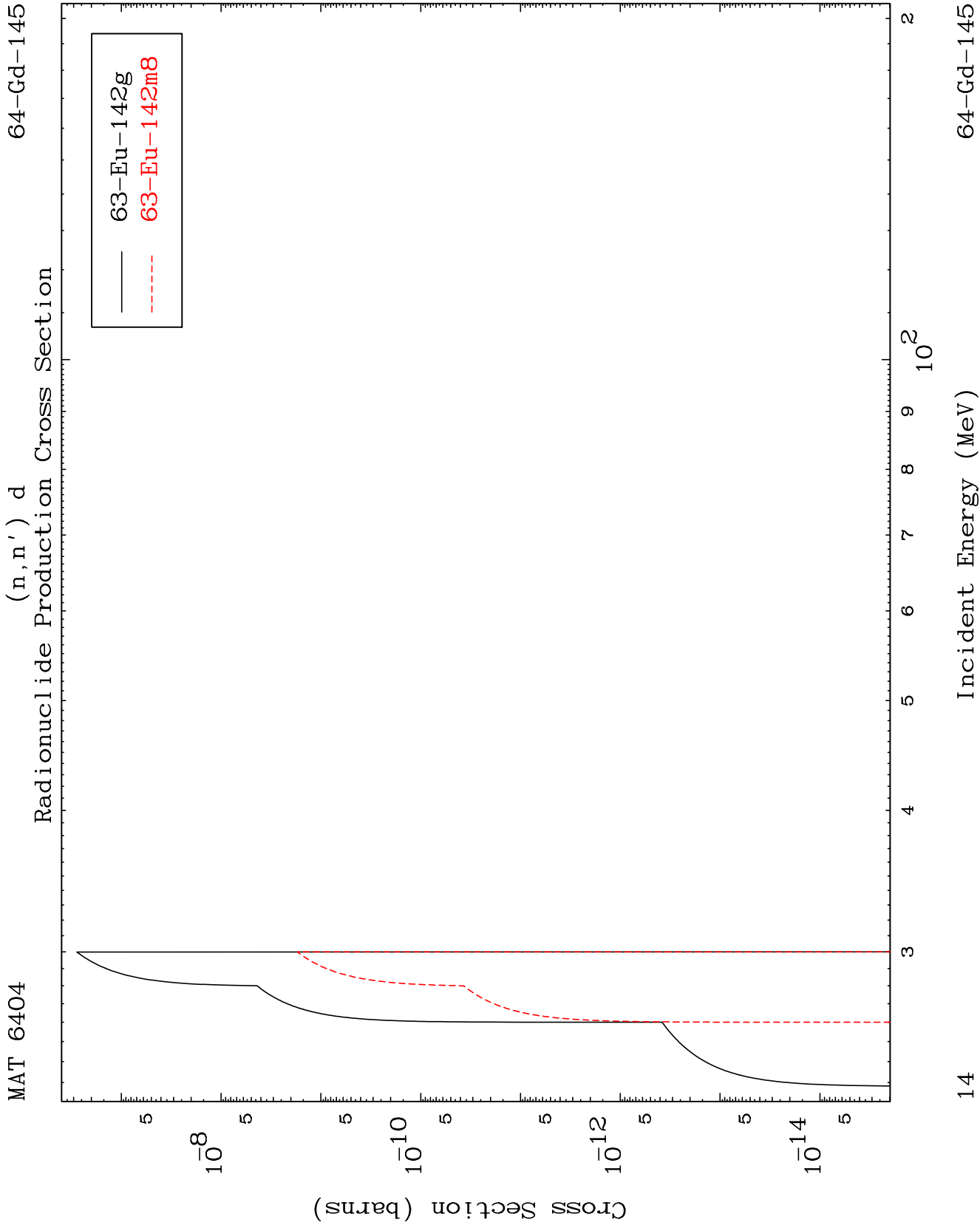
11

Incident Energy (MeV)

64-Gd-145



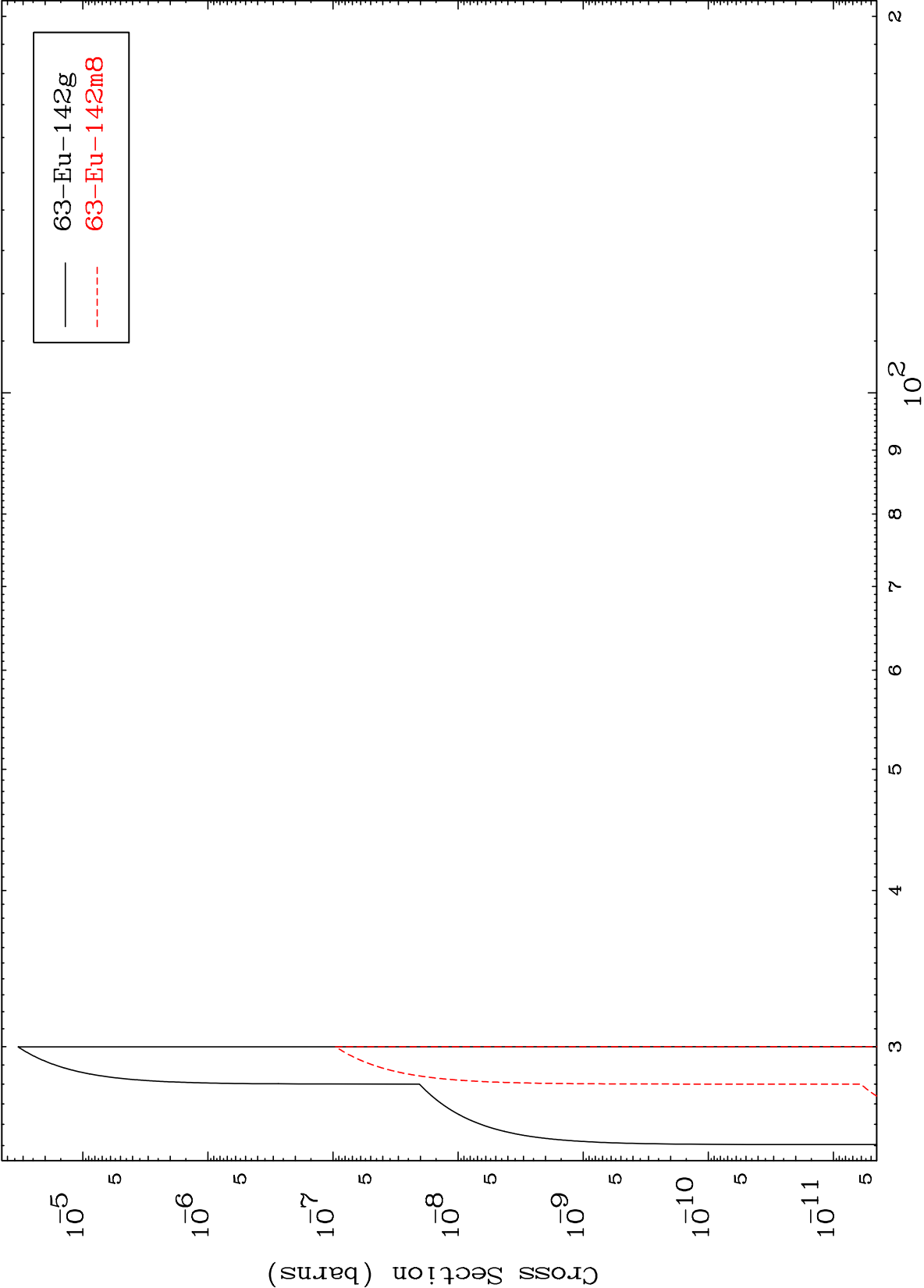




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64-Gd-145

(n,2n) p
Radionuclide Production Cross Section



15

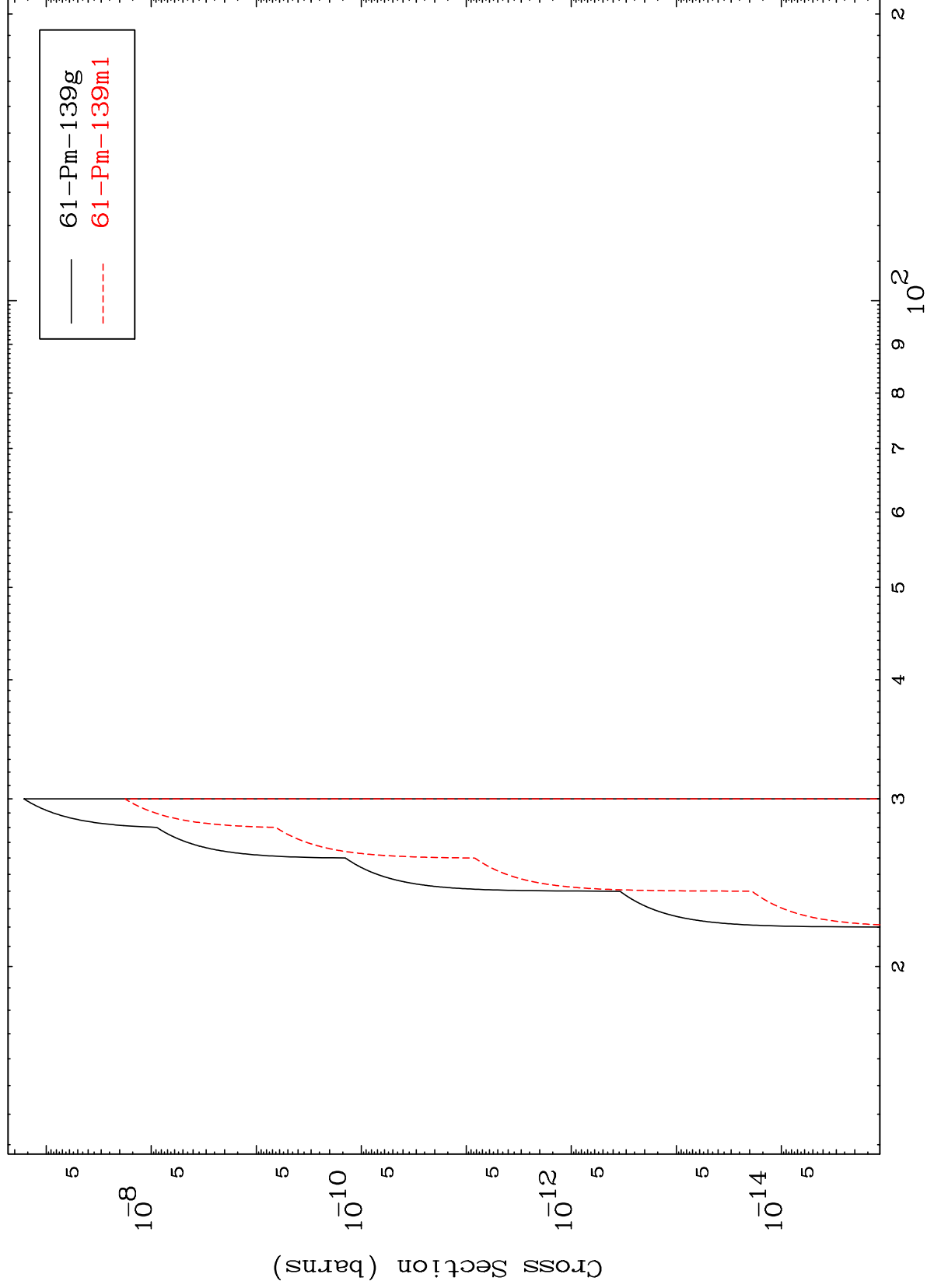
Incident Energy (MeV)

64-Gd-145

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64-Gd-145

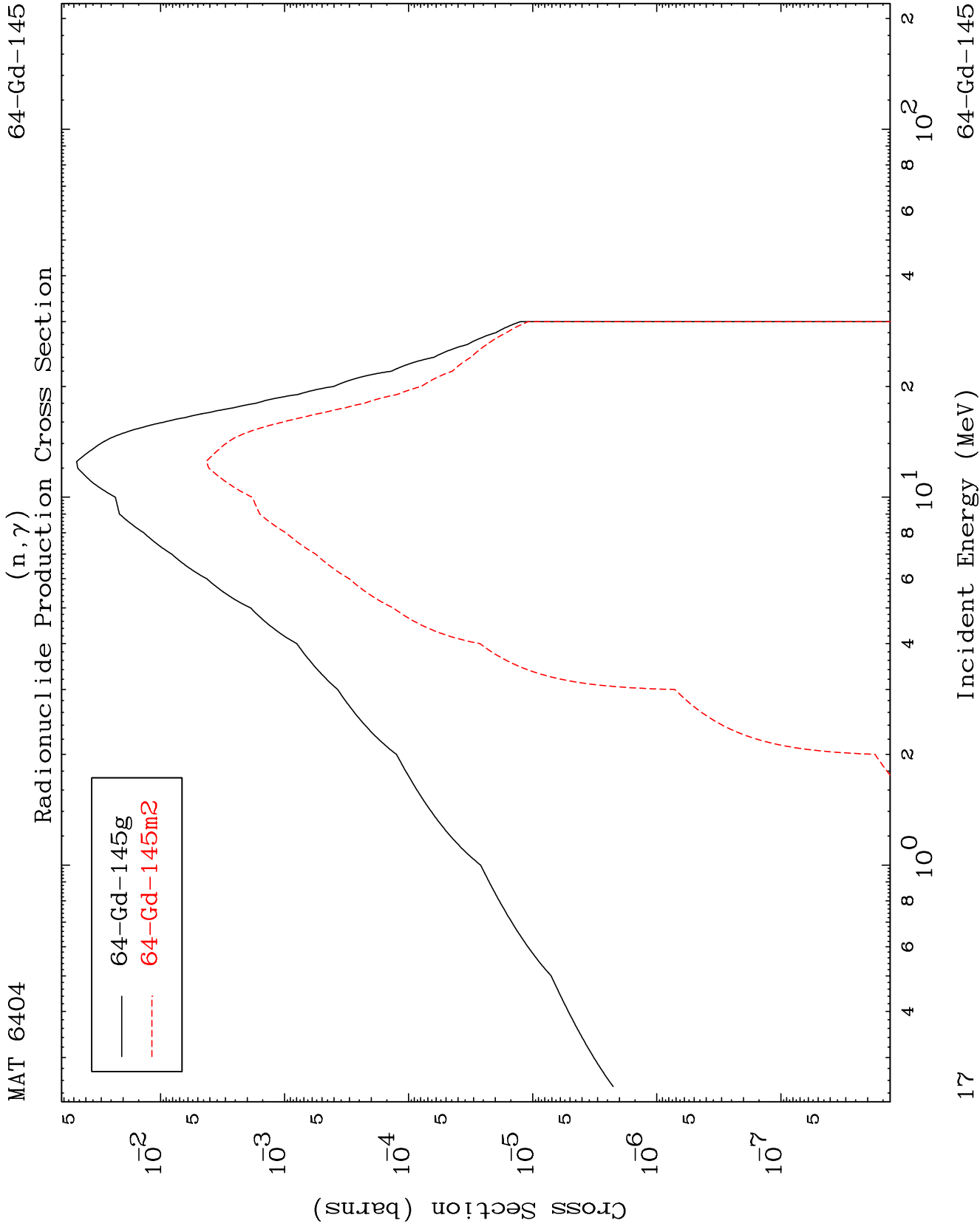
(n,n') p α
Radionuclide Production Cross Section

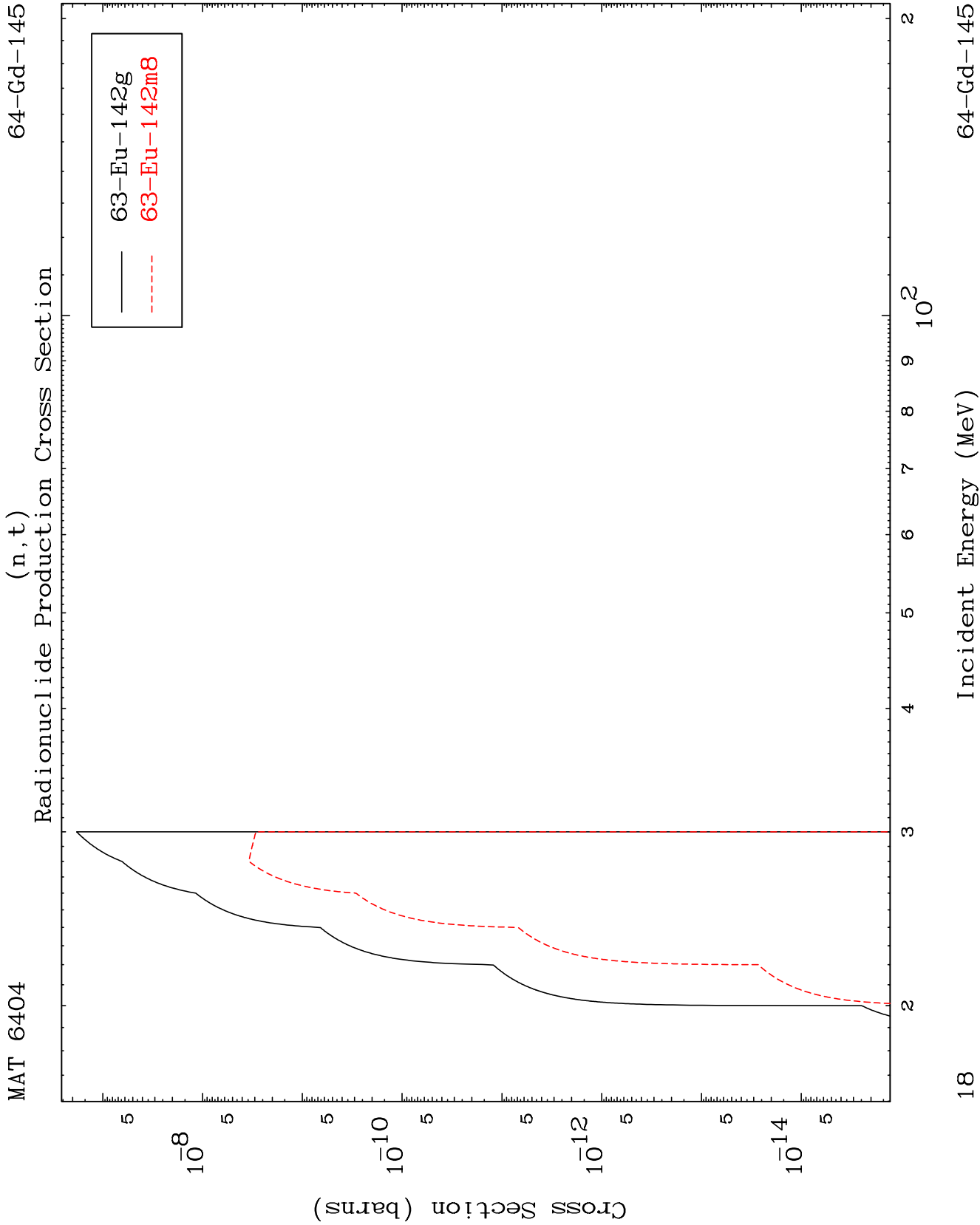


16

Incident Energy (MeV)

64-Gd-145

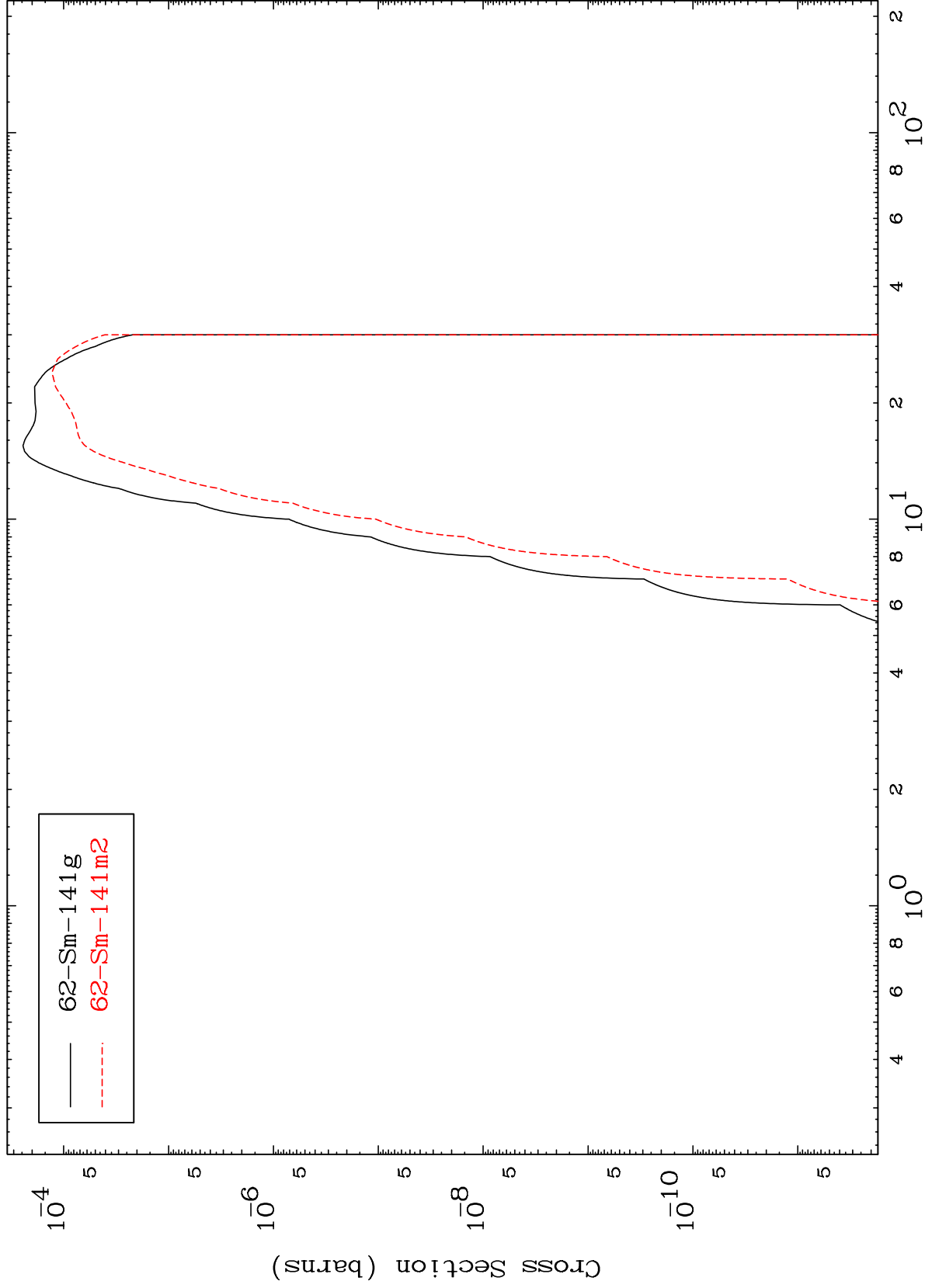




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64-Gd-145

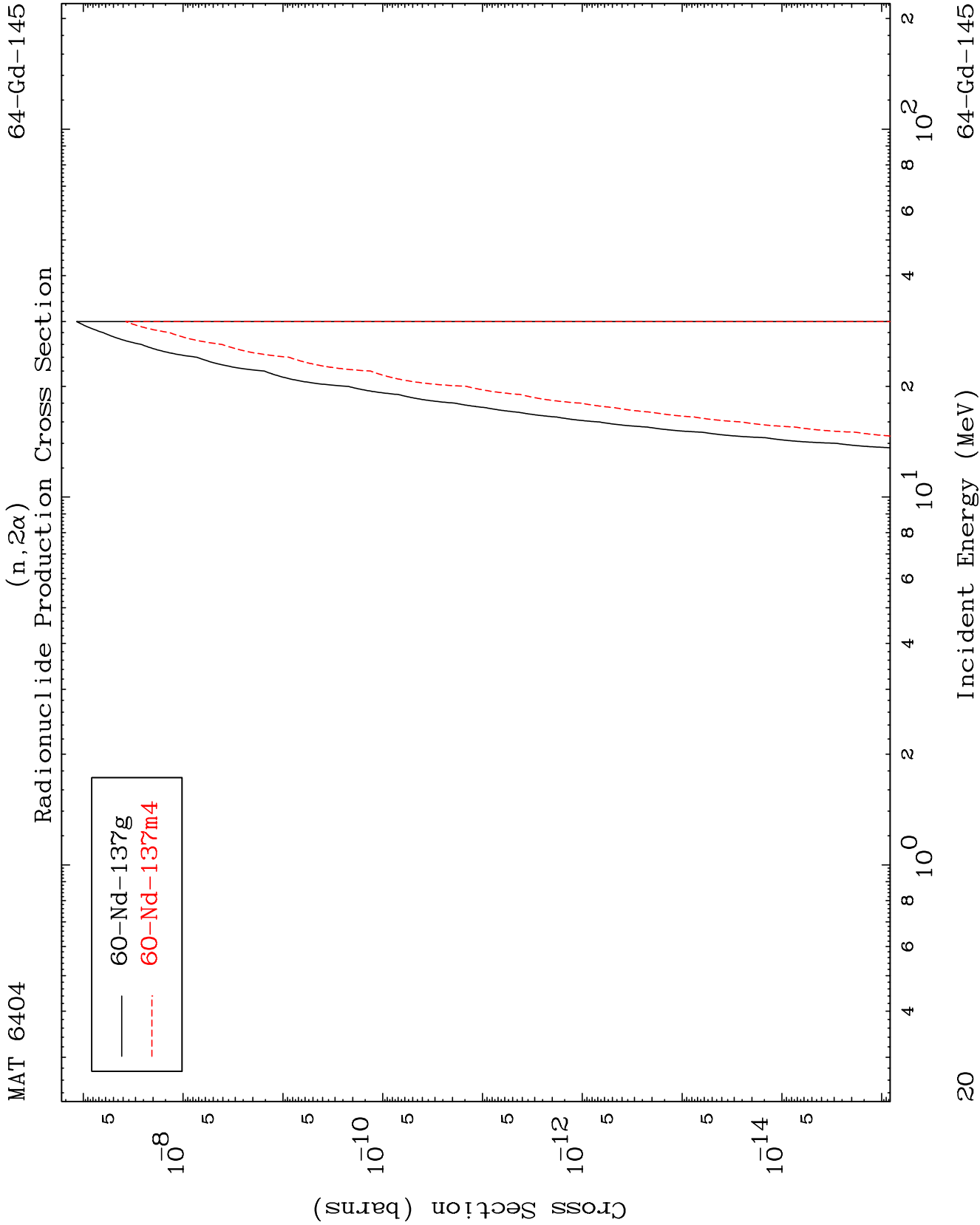
Radionuclide Production Cross Section
(n, α)



19

Incident Energy (MeV)

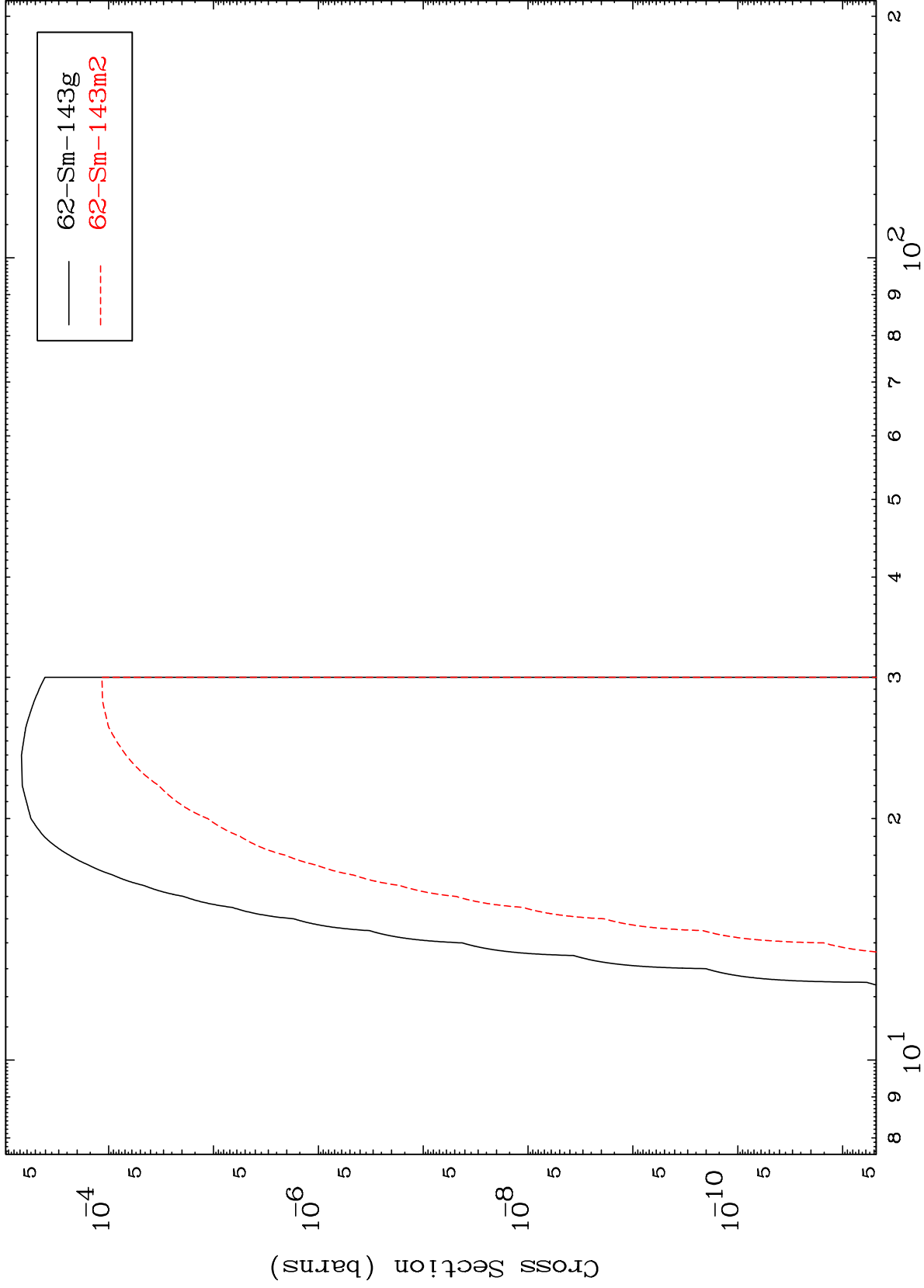
64-Gd-145



MAT 6404

64-Gd-145

(n,2p)
Radionuclide Production Cross Section



64-Gd-145

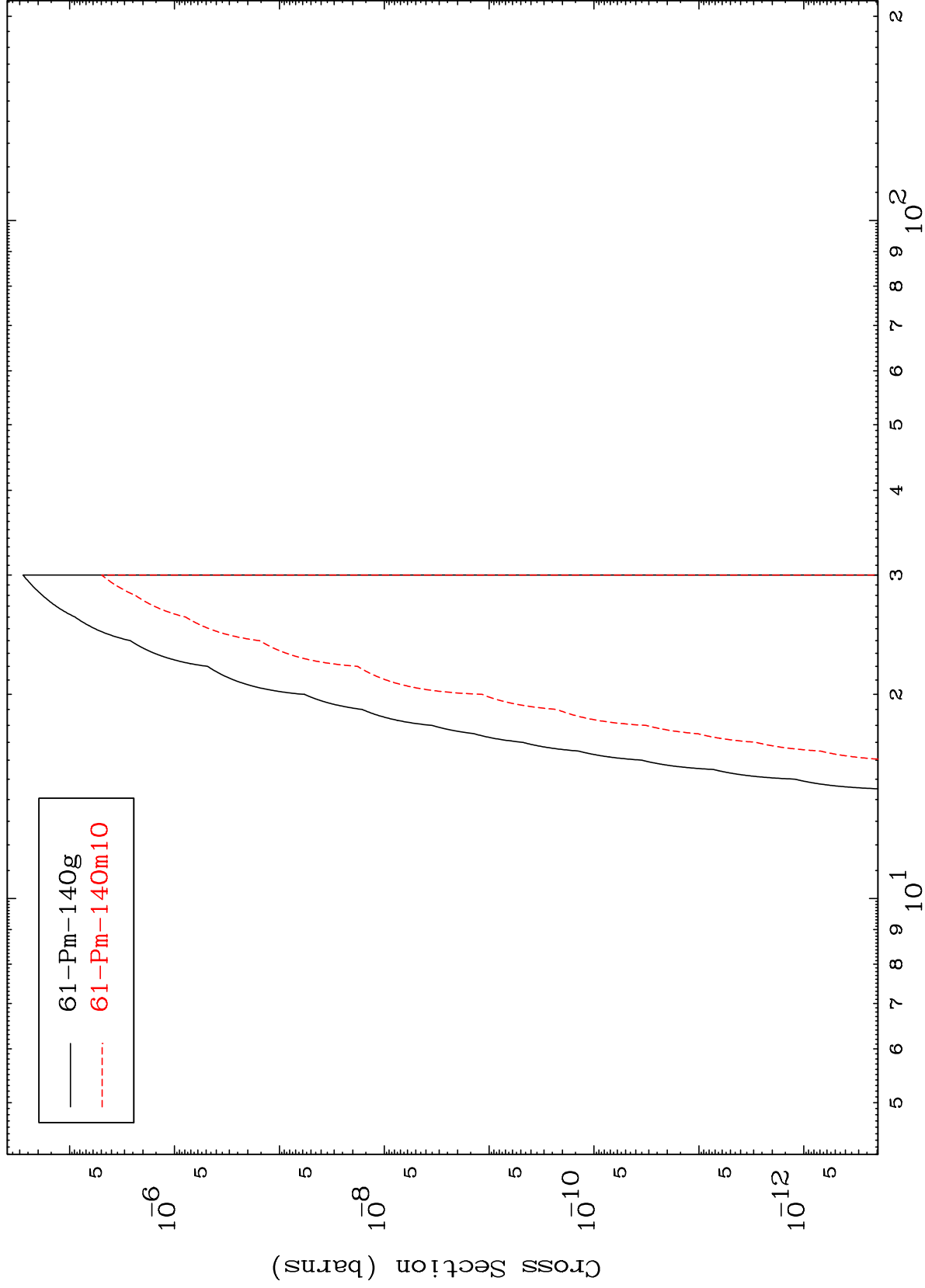
Incident Energy (MeV)

21

MAT 6404

64-Gd-145

(n,p) α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-145