

Program EVALPLOT
(Version 2015-2)

by

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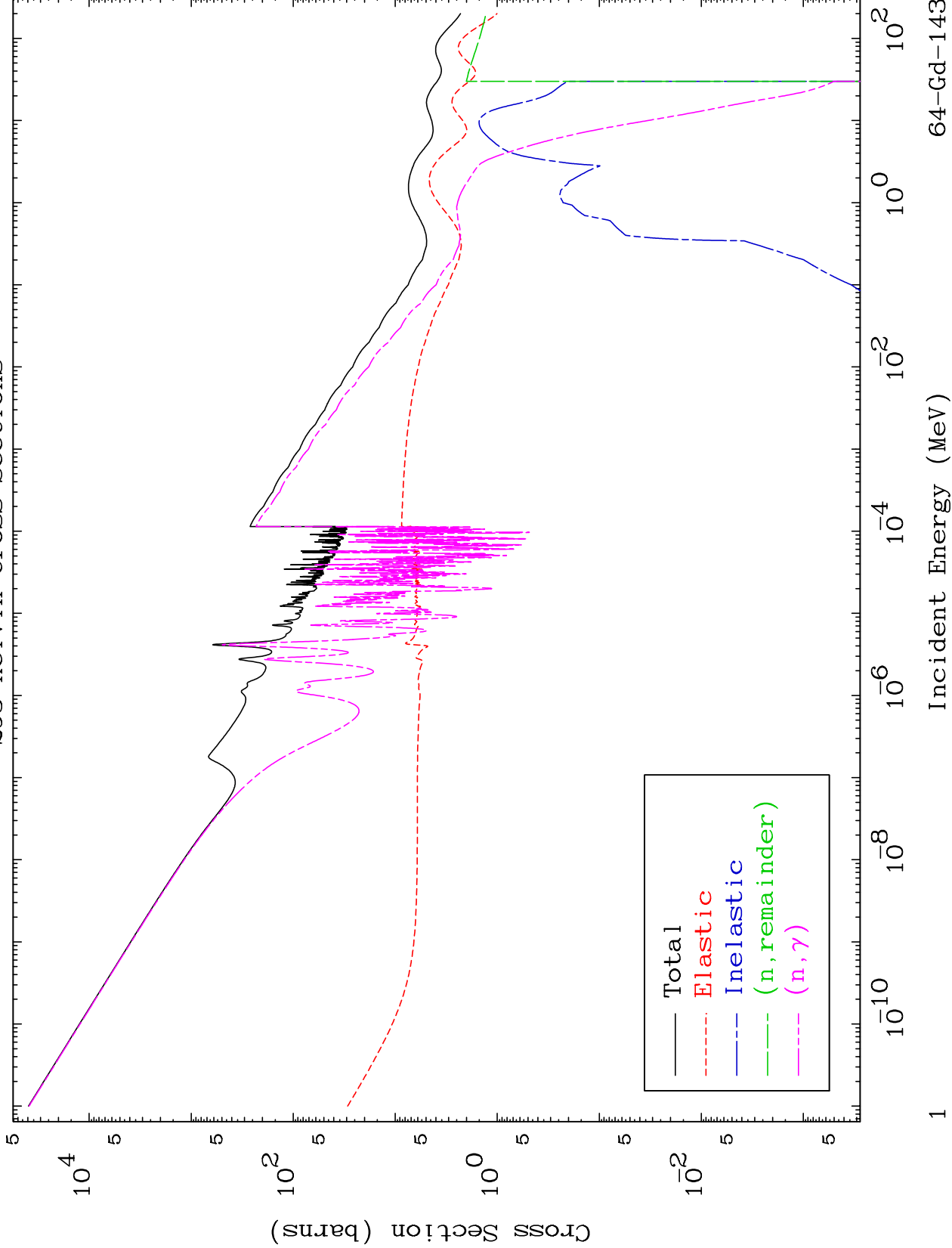
Press Mouse Button to Start

MAT 6399

Major

293 Kelvin Cross Sections

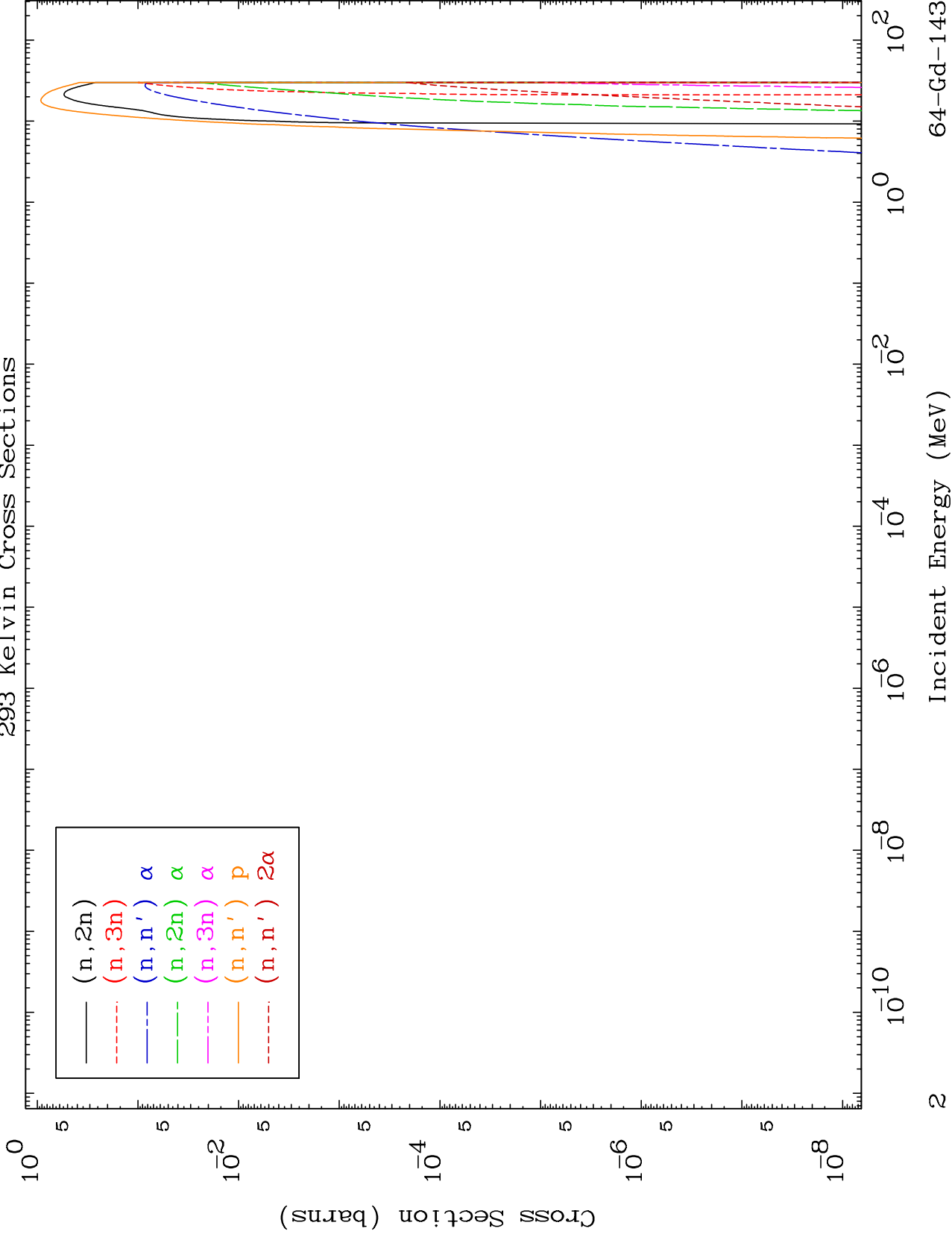
64-Gd-143

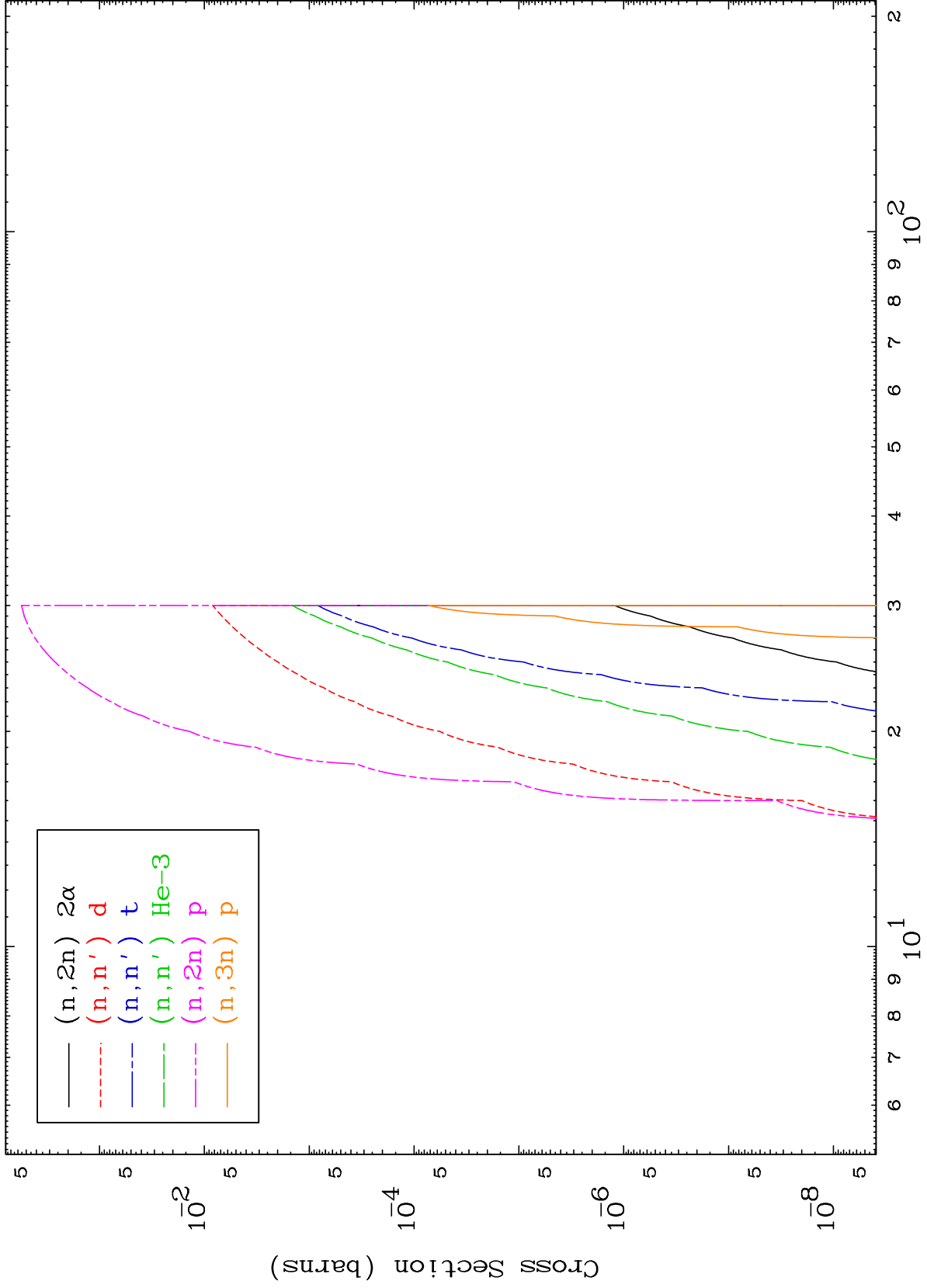


MAT 6399

Neutron Production
293 Kelvin Cross Sections

64-Gd-143

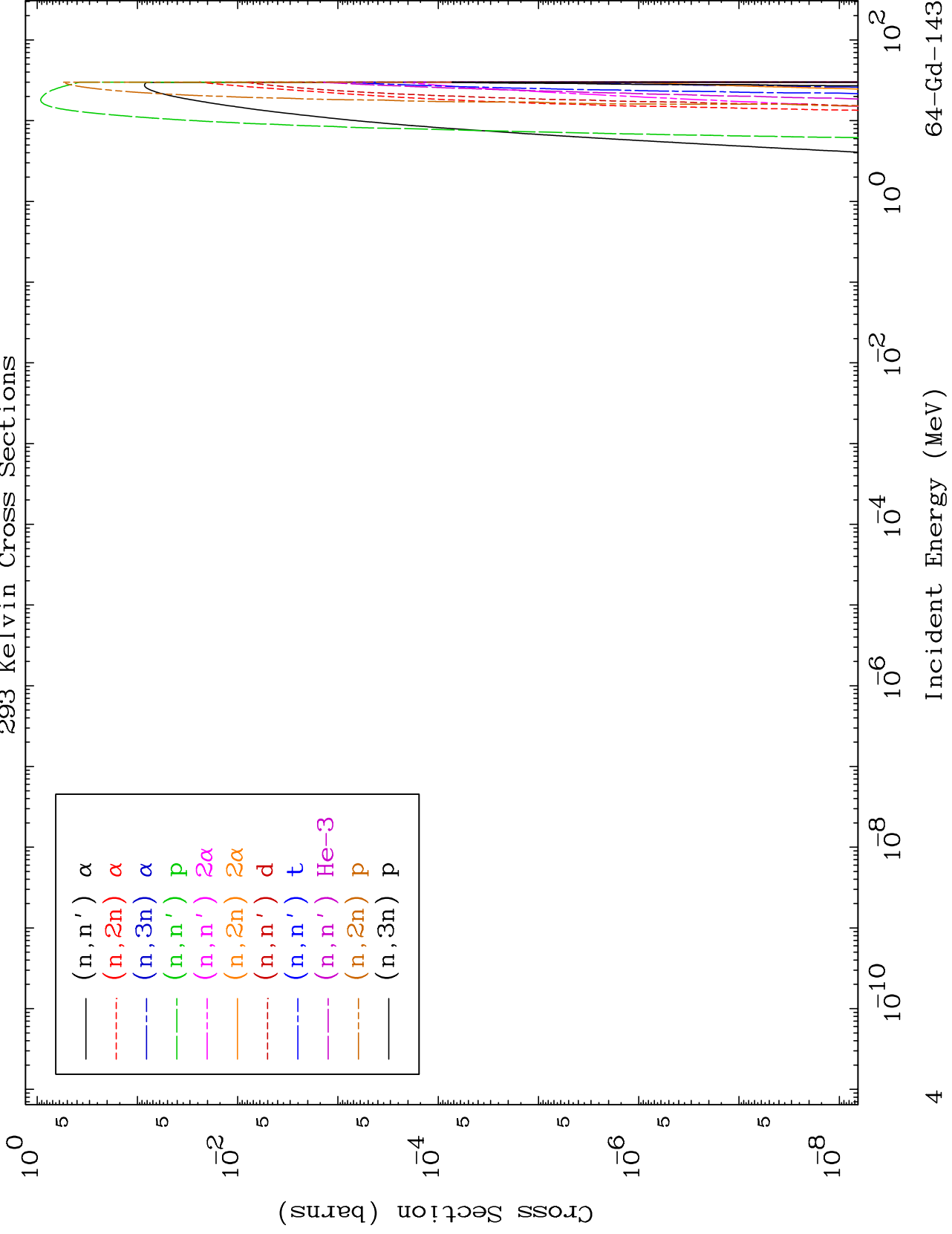




MAT 6399

Charged Particle
293 Kelvin Cross Sections

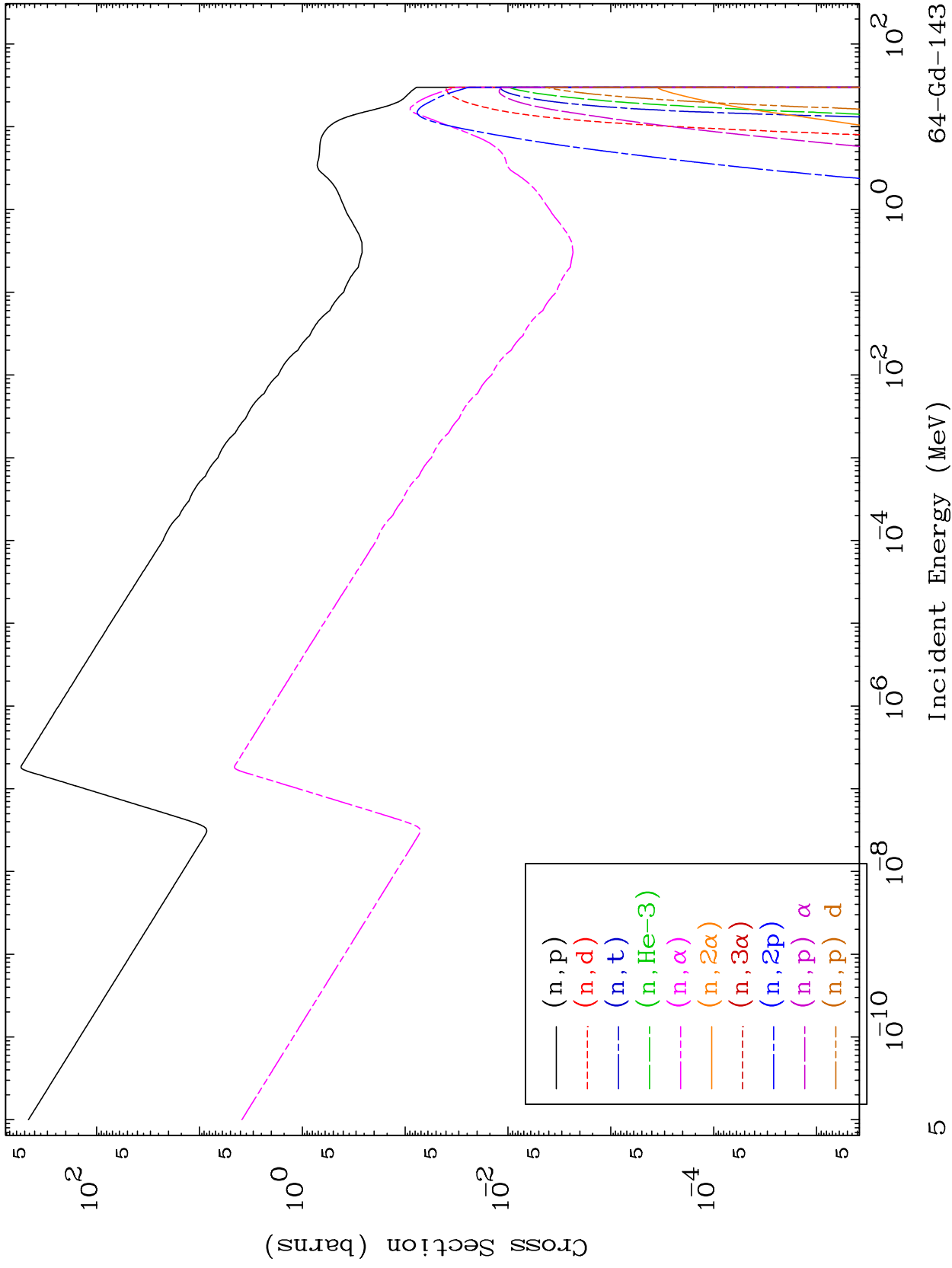
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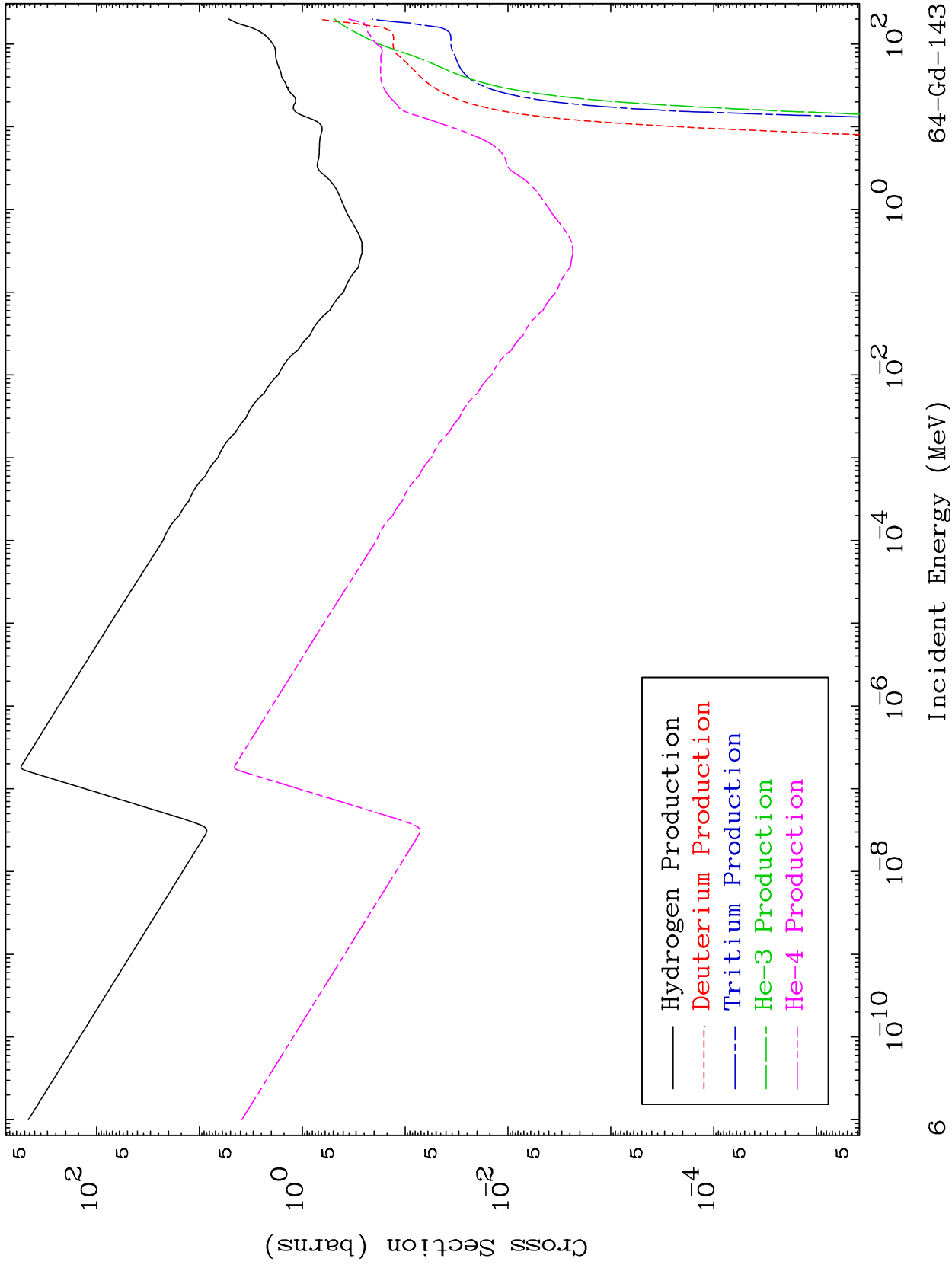


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Charged Particle
293 Kelvin Cross Sections

64-Gd-143

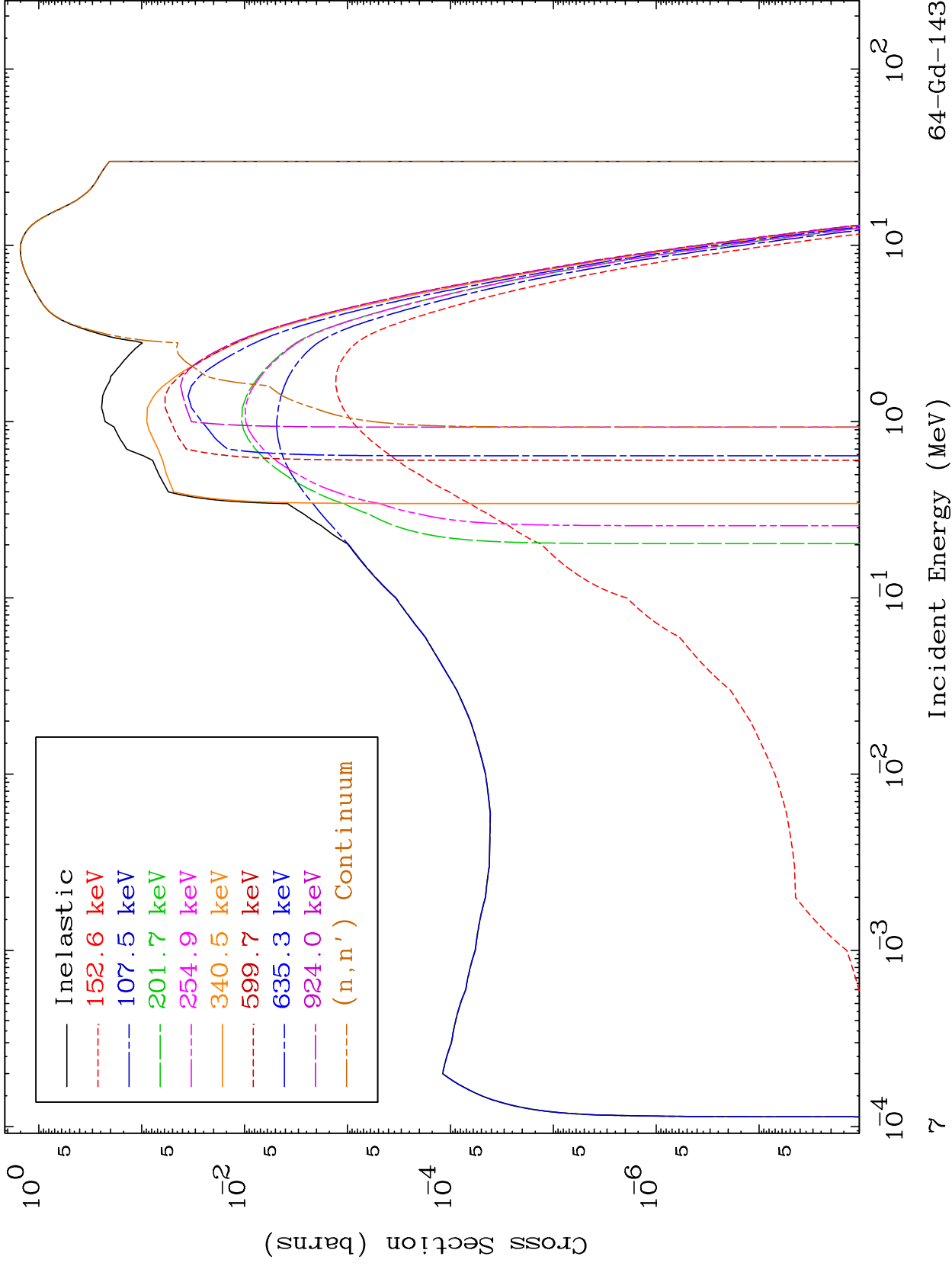




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293 Kelvin Cross Sections
(n,n') Level

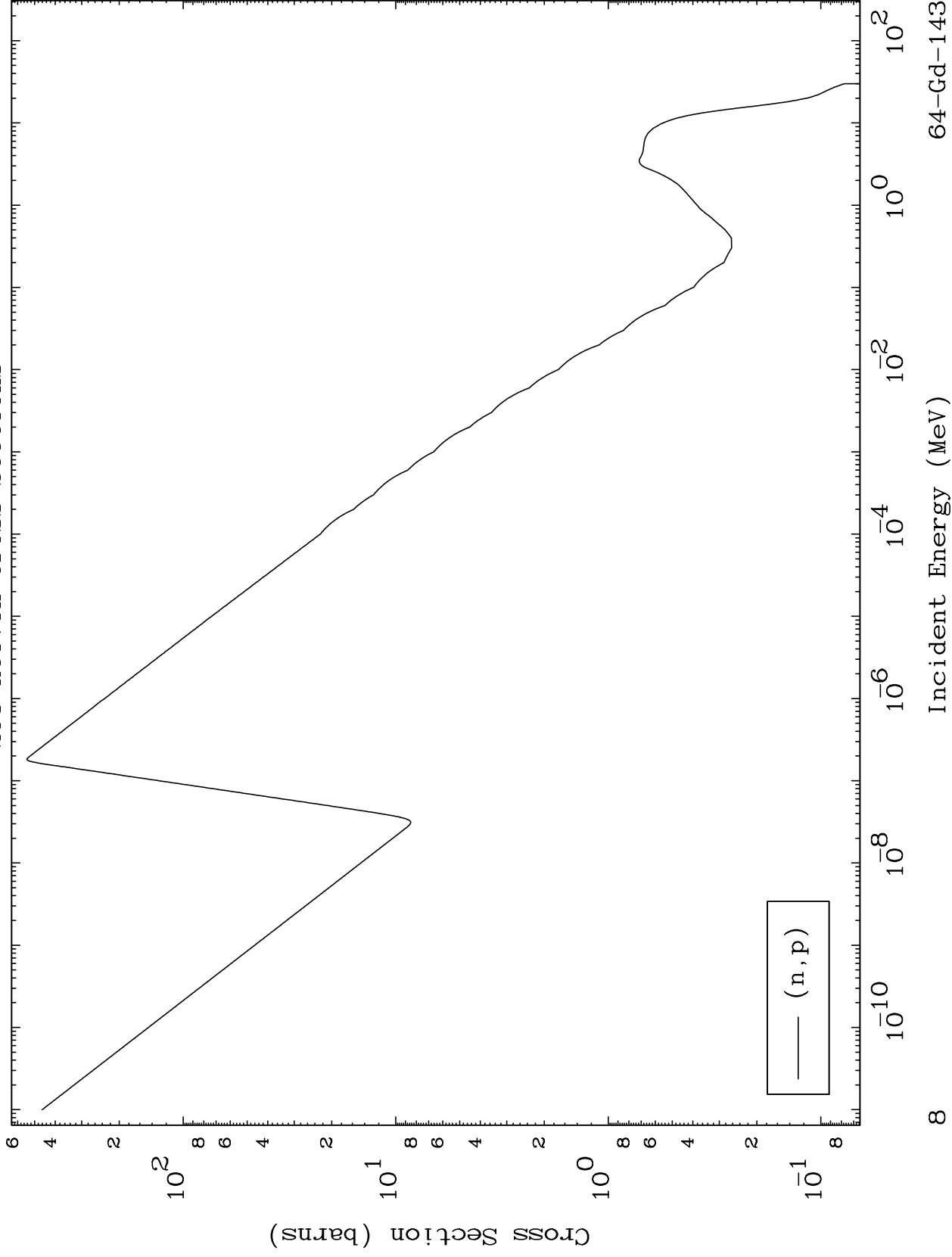
64-Gd-143



MAT 6399

(n,p) Levels
293 Kelvin Cross Sections

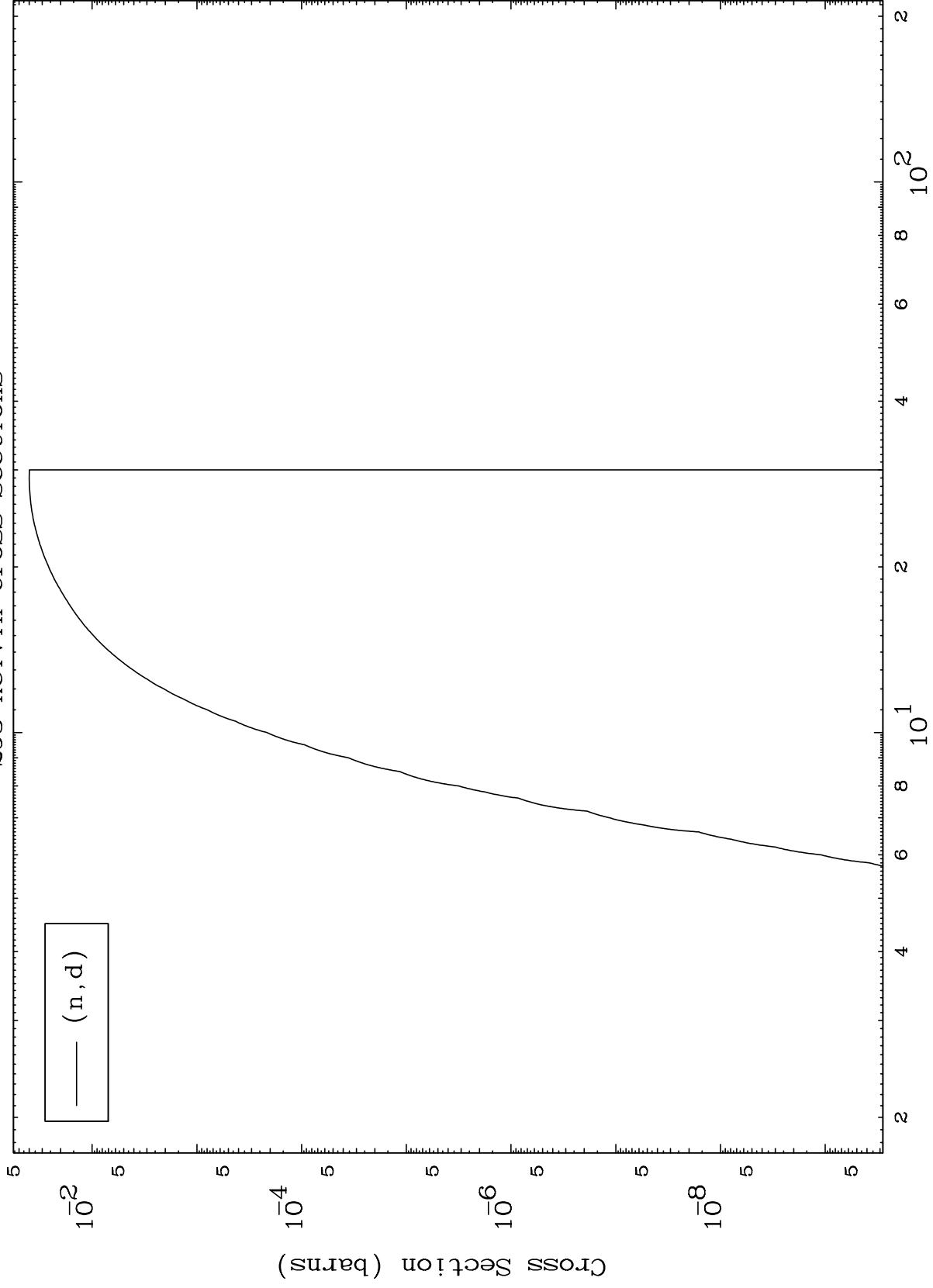
64-Gd-143



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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-143



9

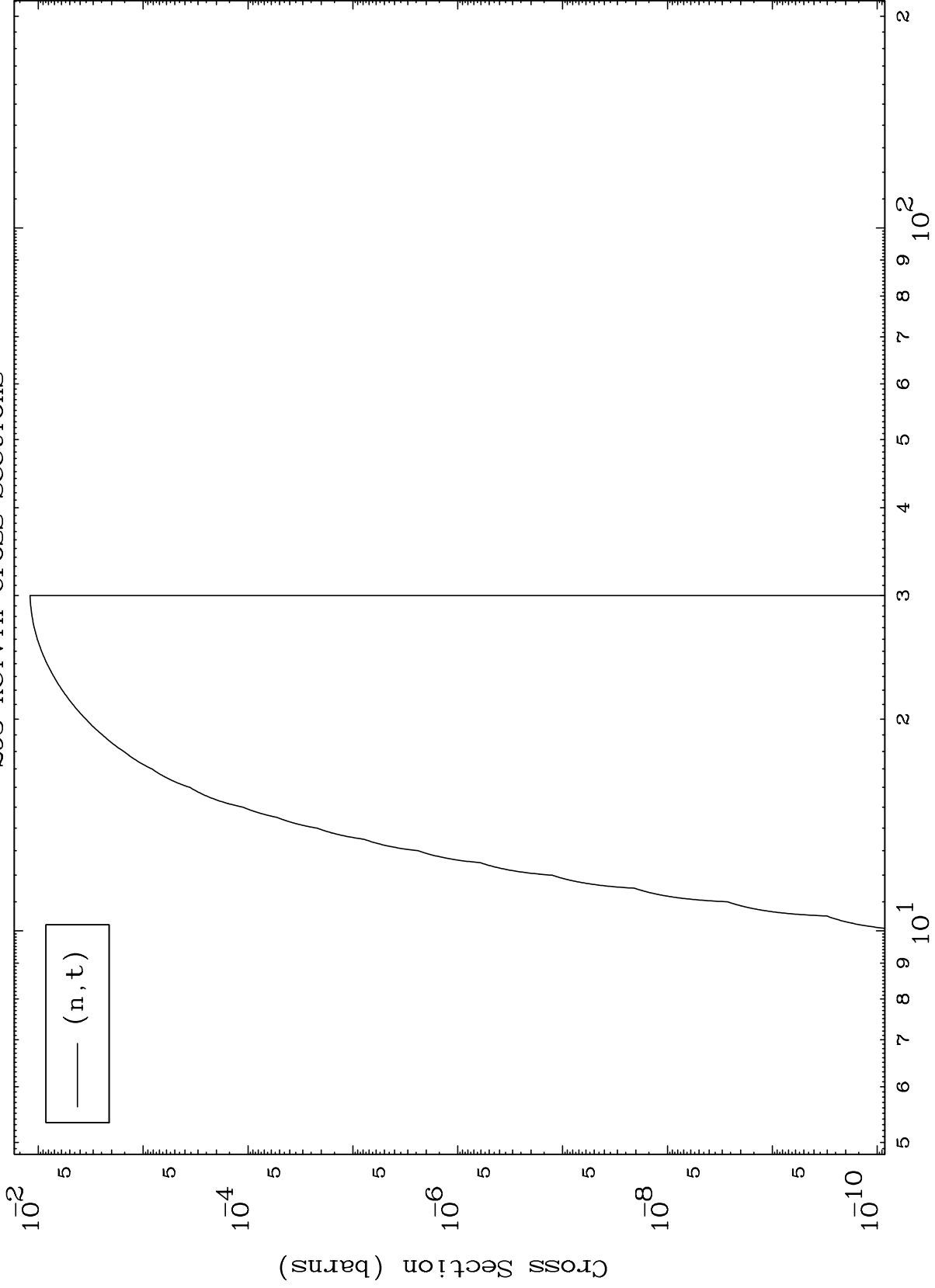
Incident Energy (MeV)

64-Gd-143

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(n,t) Levels
293 Kelvin Cross Sections

64-Gd-143



10

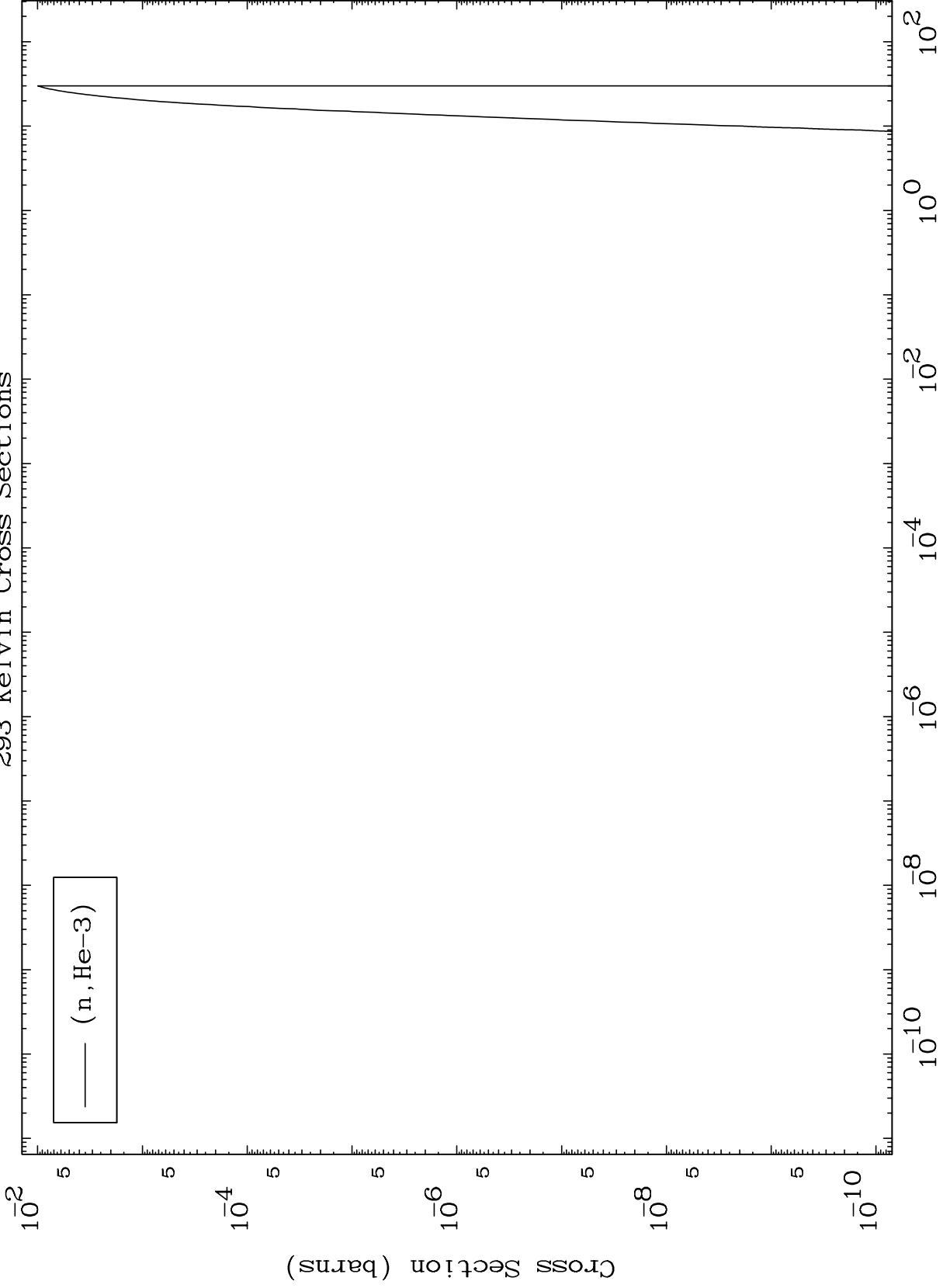
Incident Energy (MeV)

64-Gd-143

MAT 6399

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-143



(n, He-3)

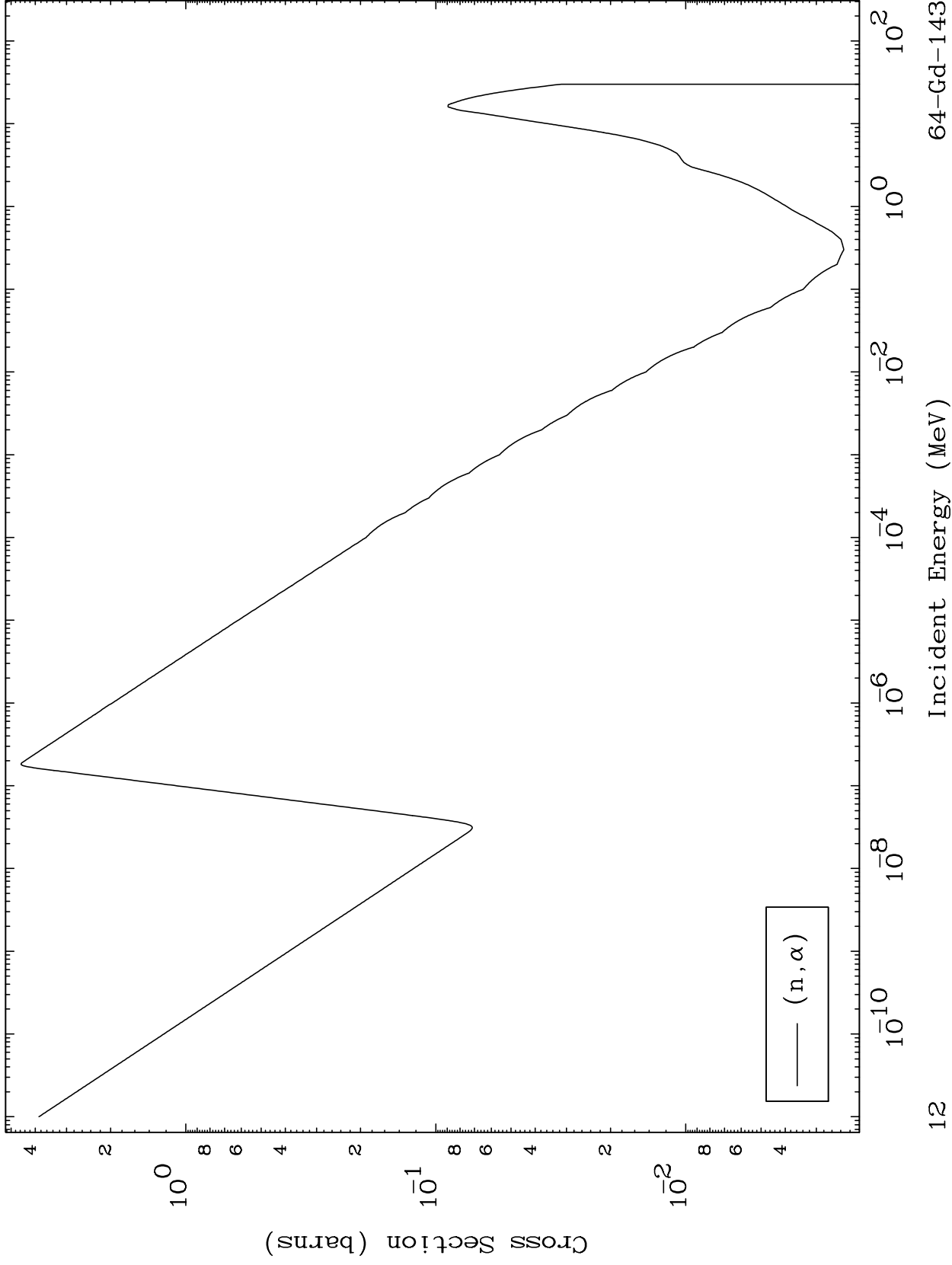
Incident Energy (MeV)

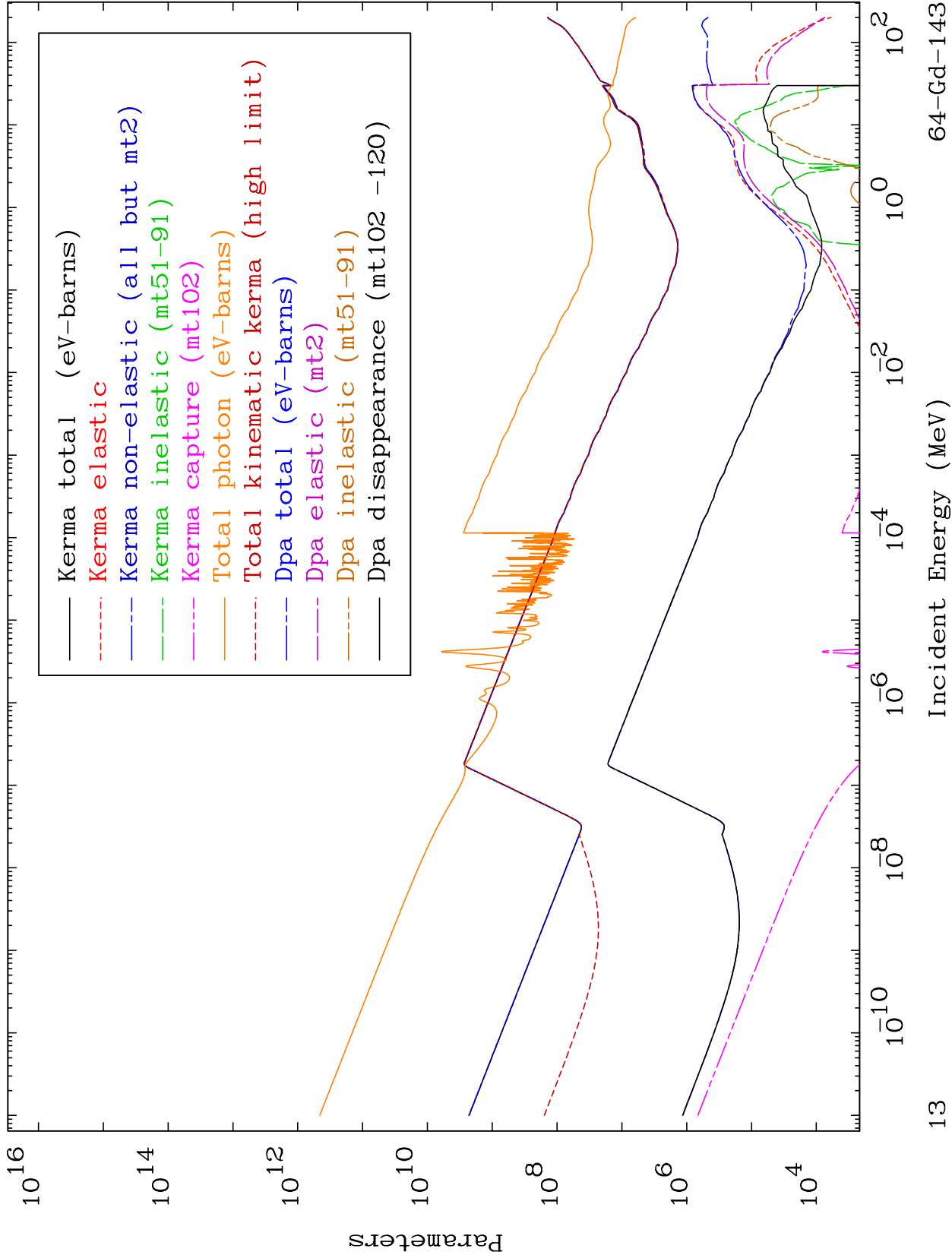
64-Gd-143

MAT 6399

(n,α) Levels
293 Kelvin Cross Sections

64-Gd-143

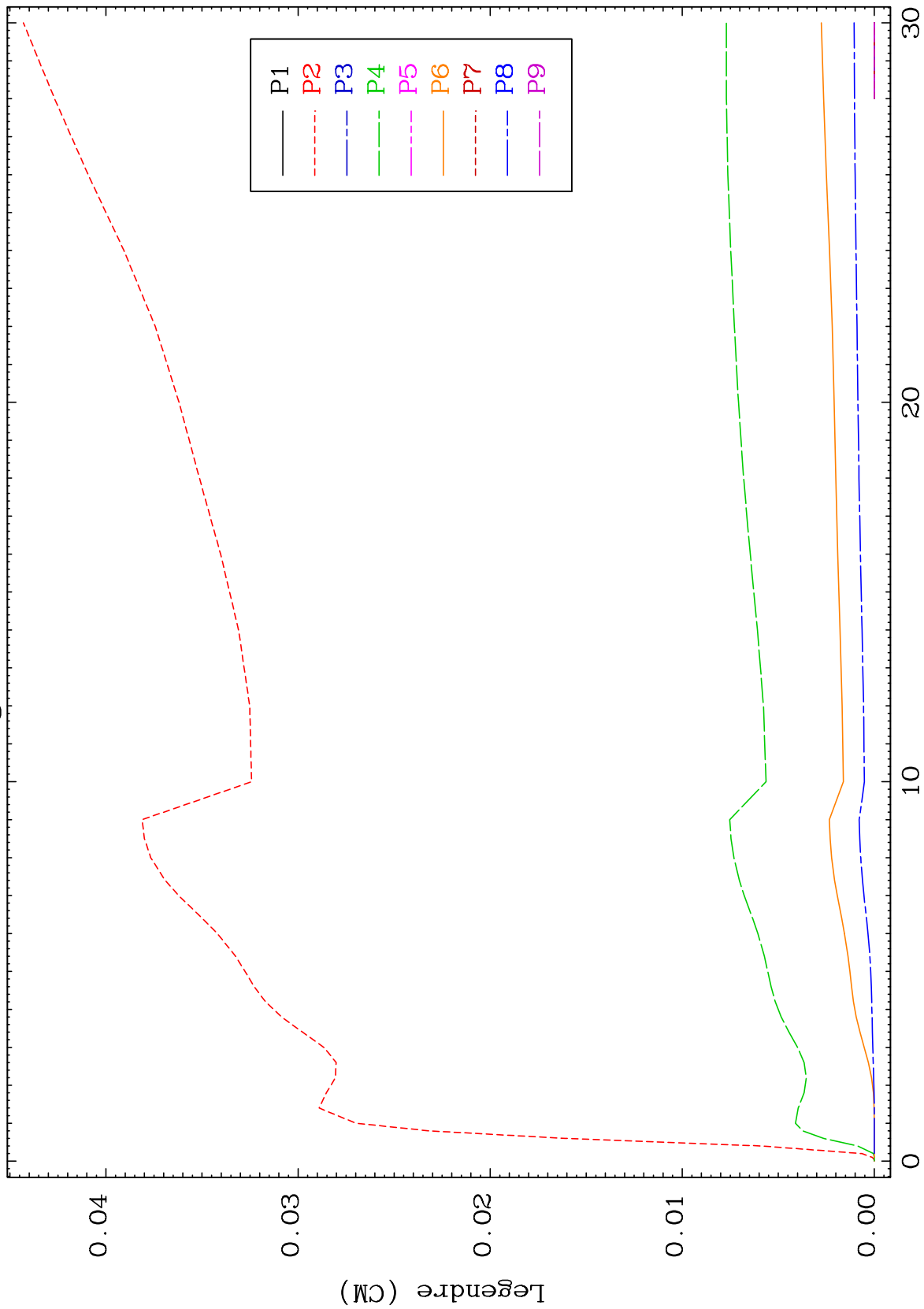




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Elastic
Legendre Coefficients

64-Gd-143



14

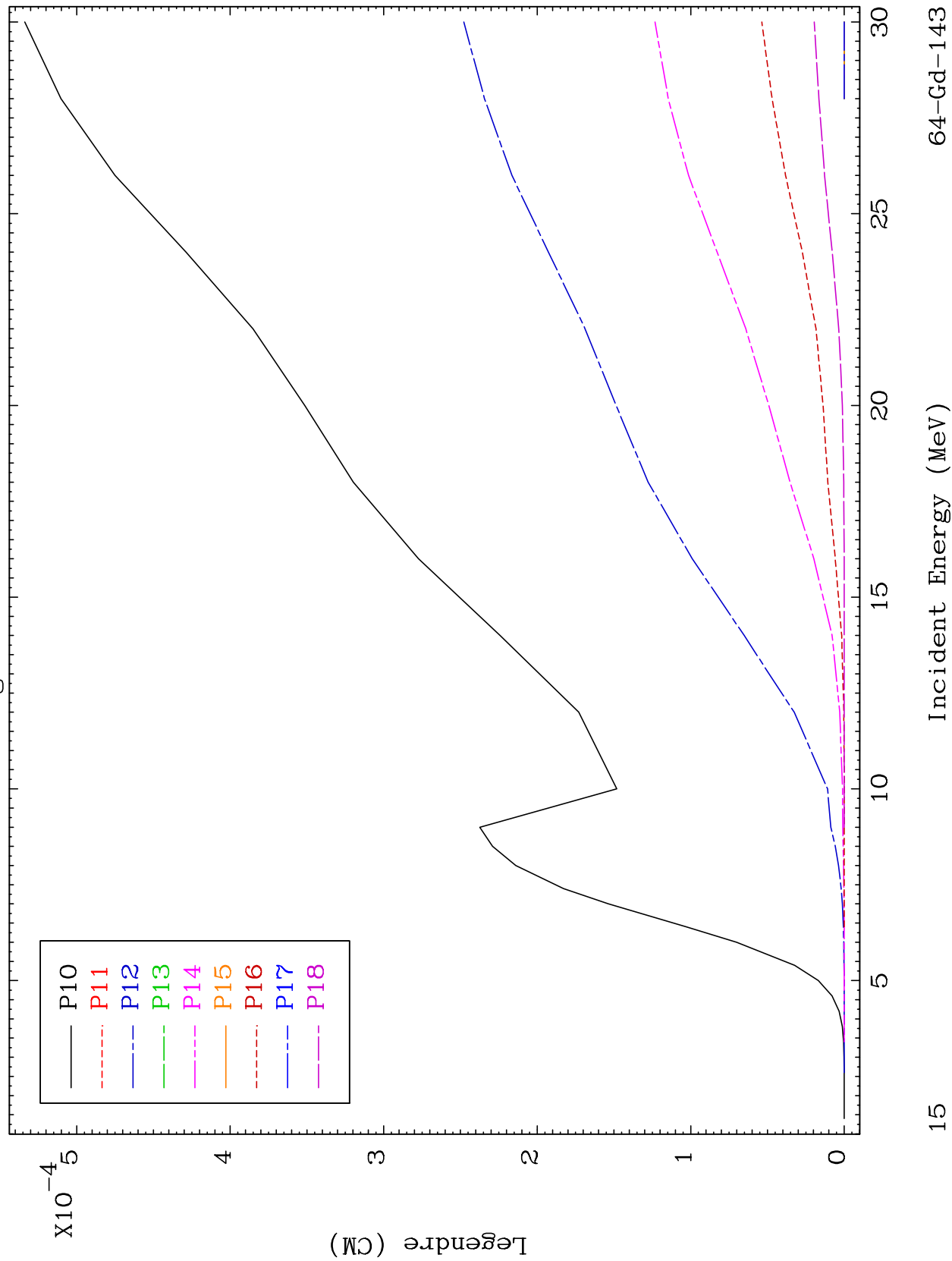
Incident Energy (MeV)

64-Gd-143

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Elastic Legendre Coefficients

64-Gd-143



64-Gd-143

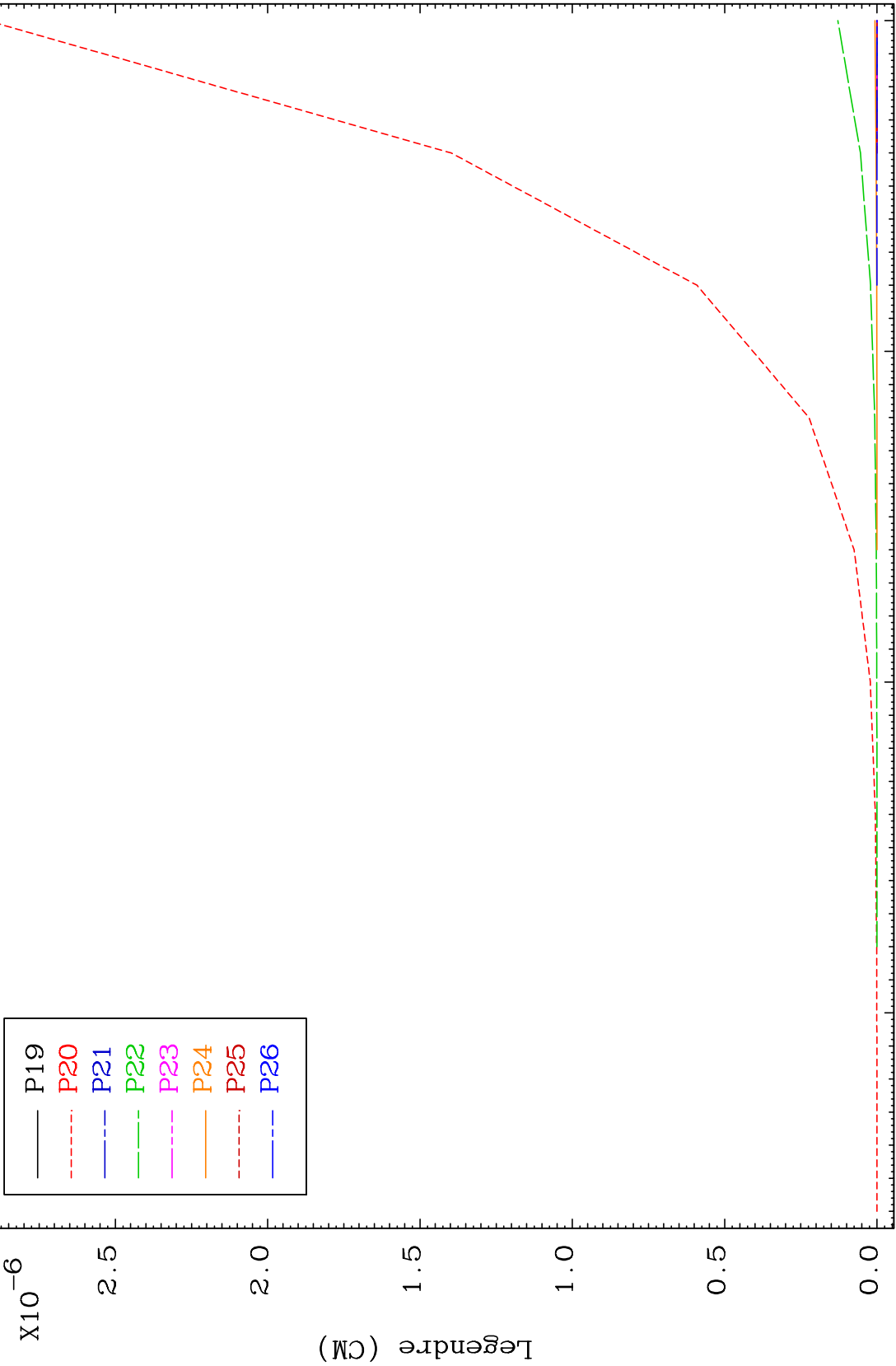
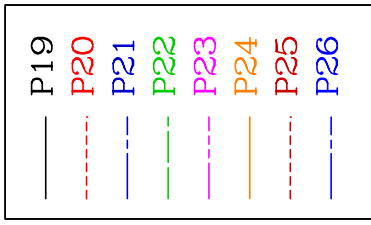
Incident Energy (MeV)

15

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Elastic Legendre Coefficients

64-Gd-143



16

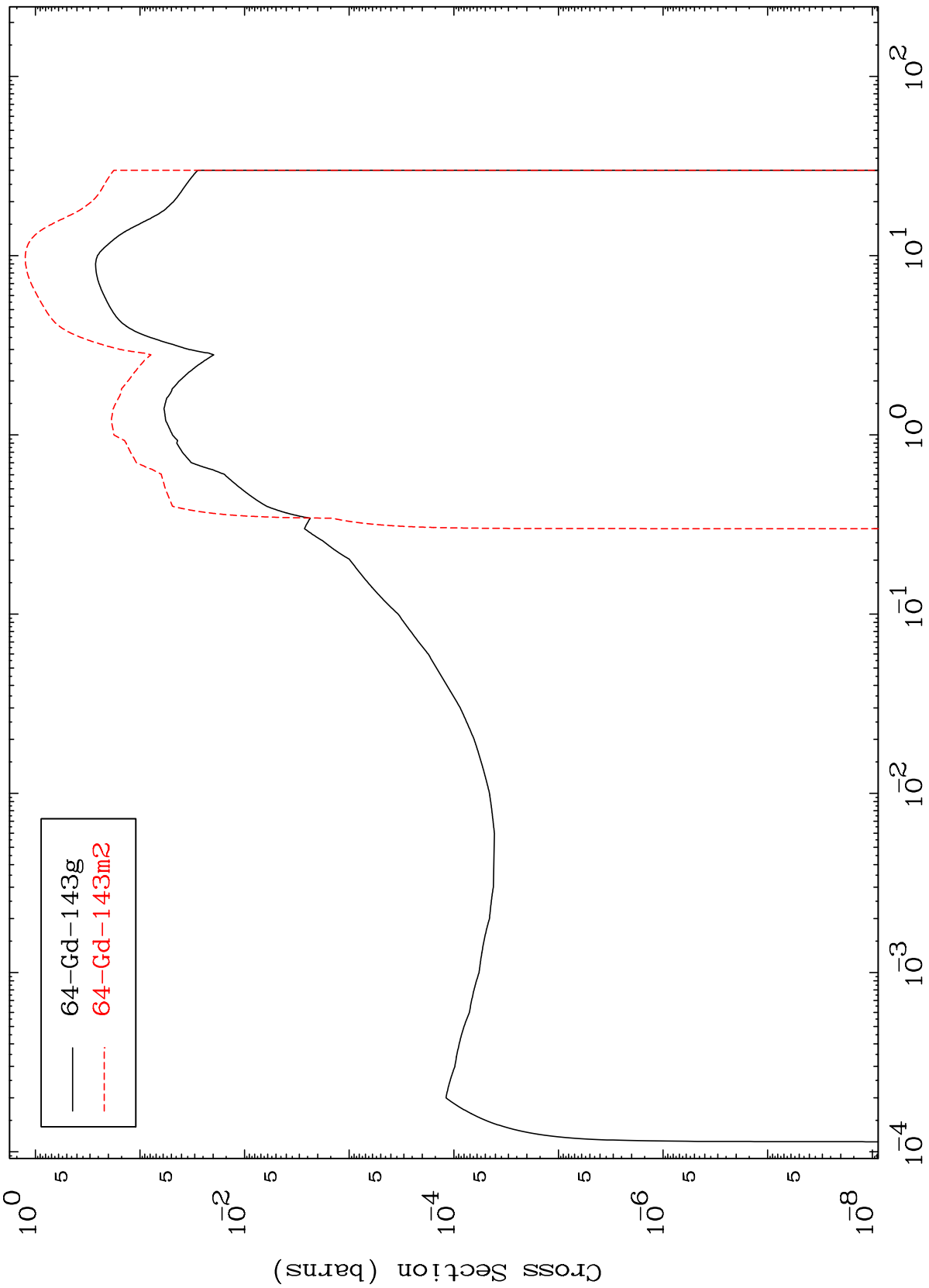
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

Inelastic
Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

64-Gd-143

Incident Energy (MeV)

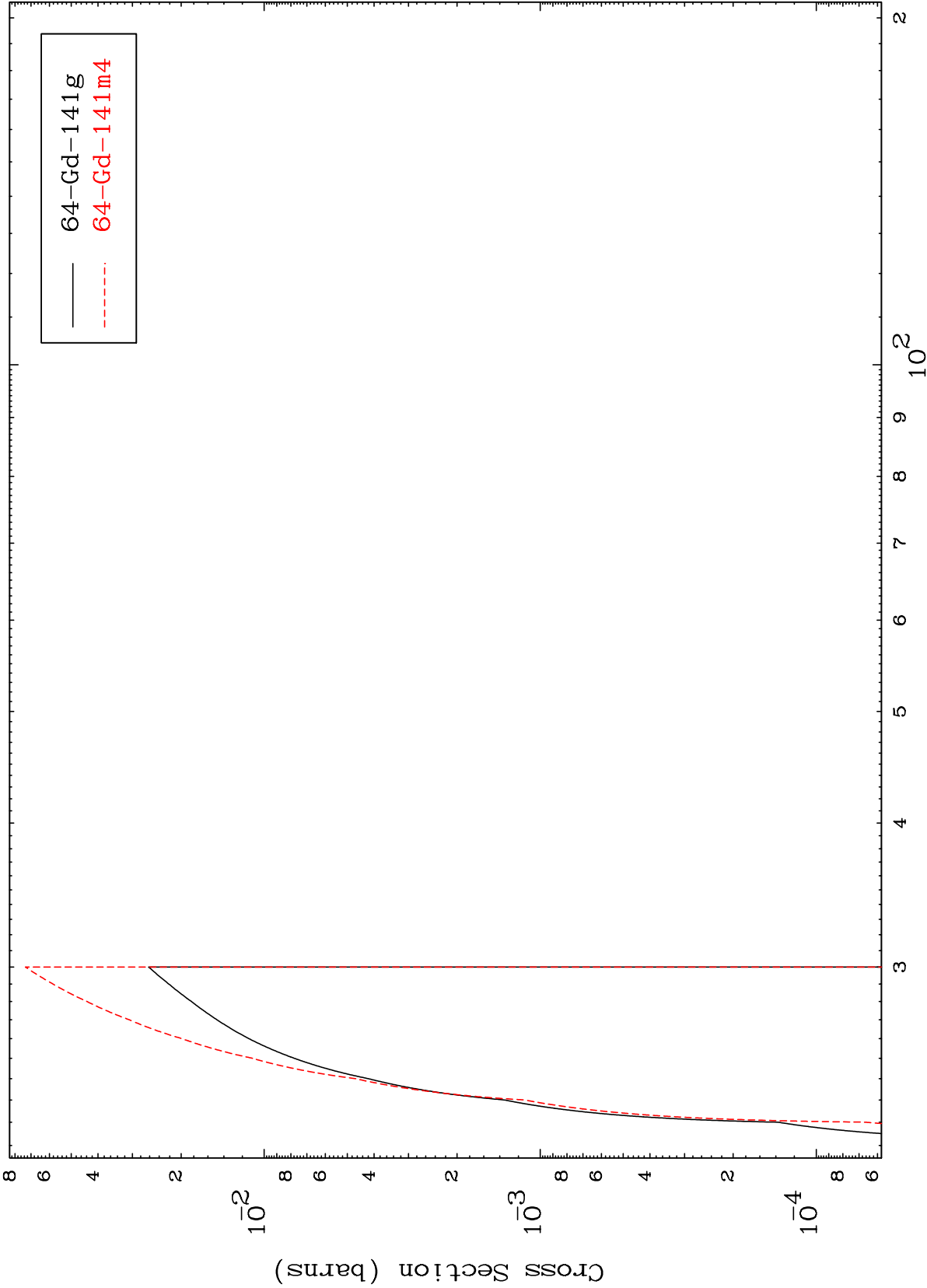
17

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(n,3n)

64-Gd-143

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

18

Incident Energy (MeV)

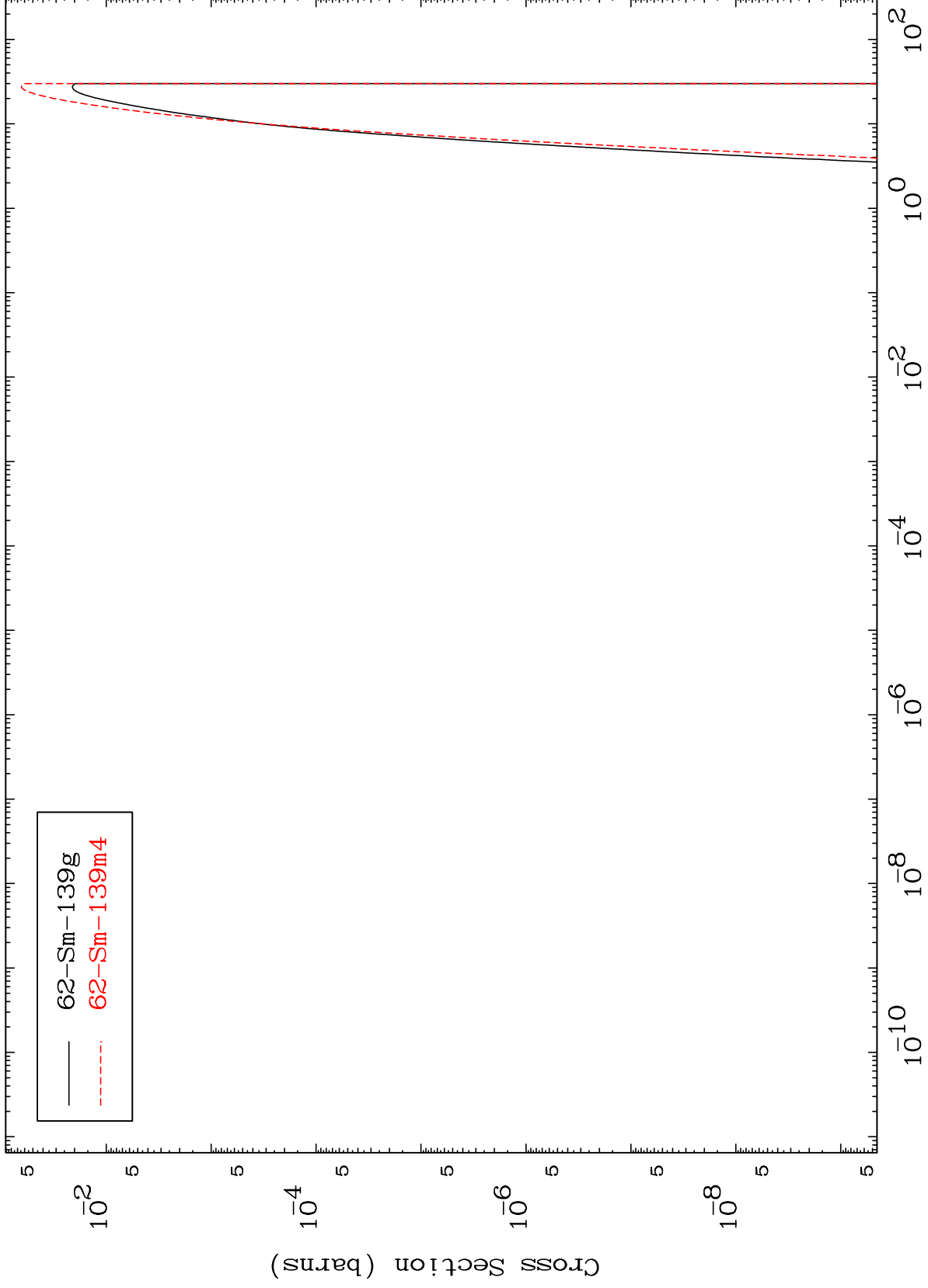
64-Gd-143

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(n, n') α

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

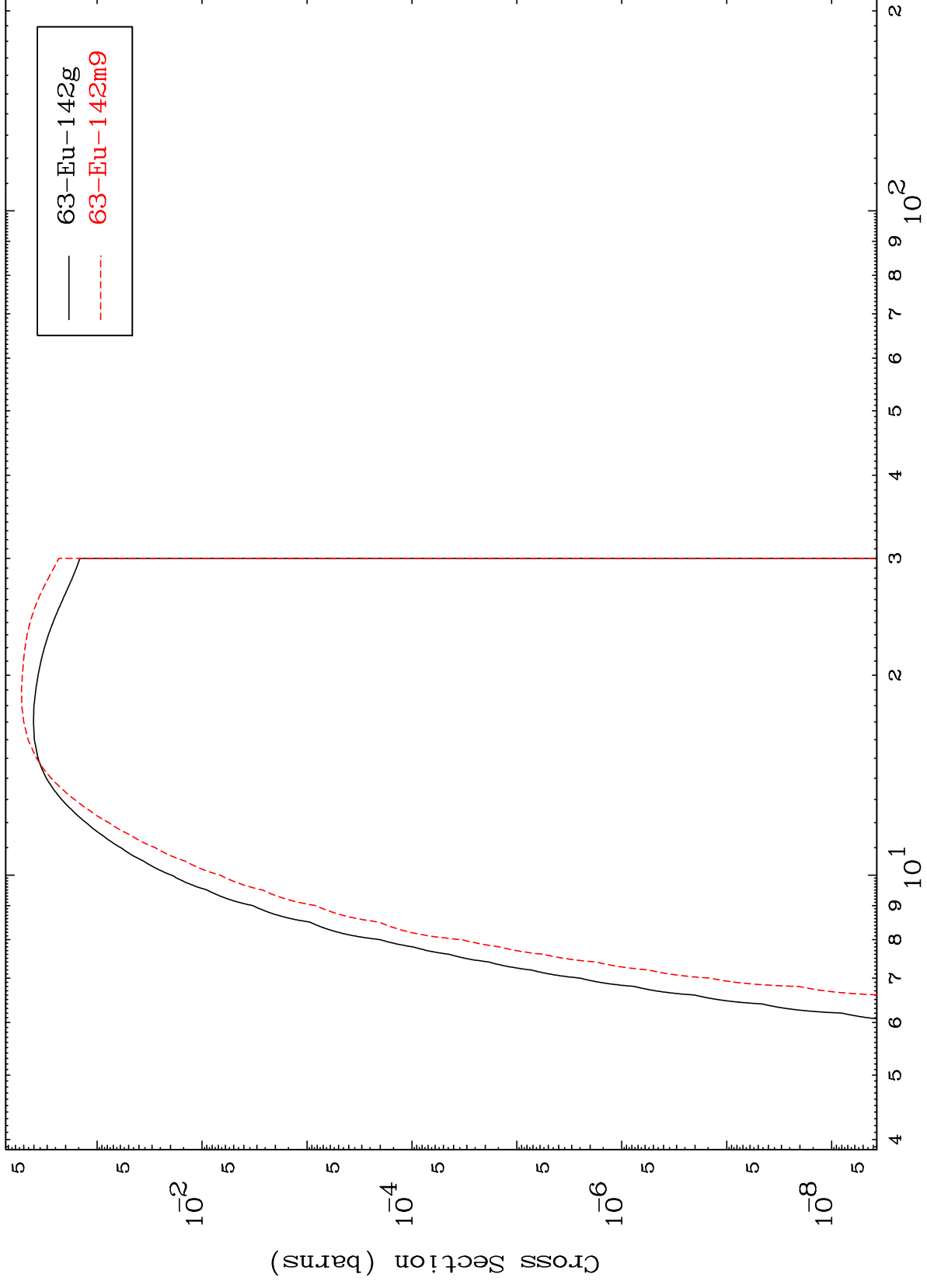
64-Gd-143

MAT 6399

(n,n') p

64-Gd-143

Radionuclide Production Cross Section

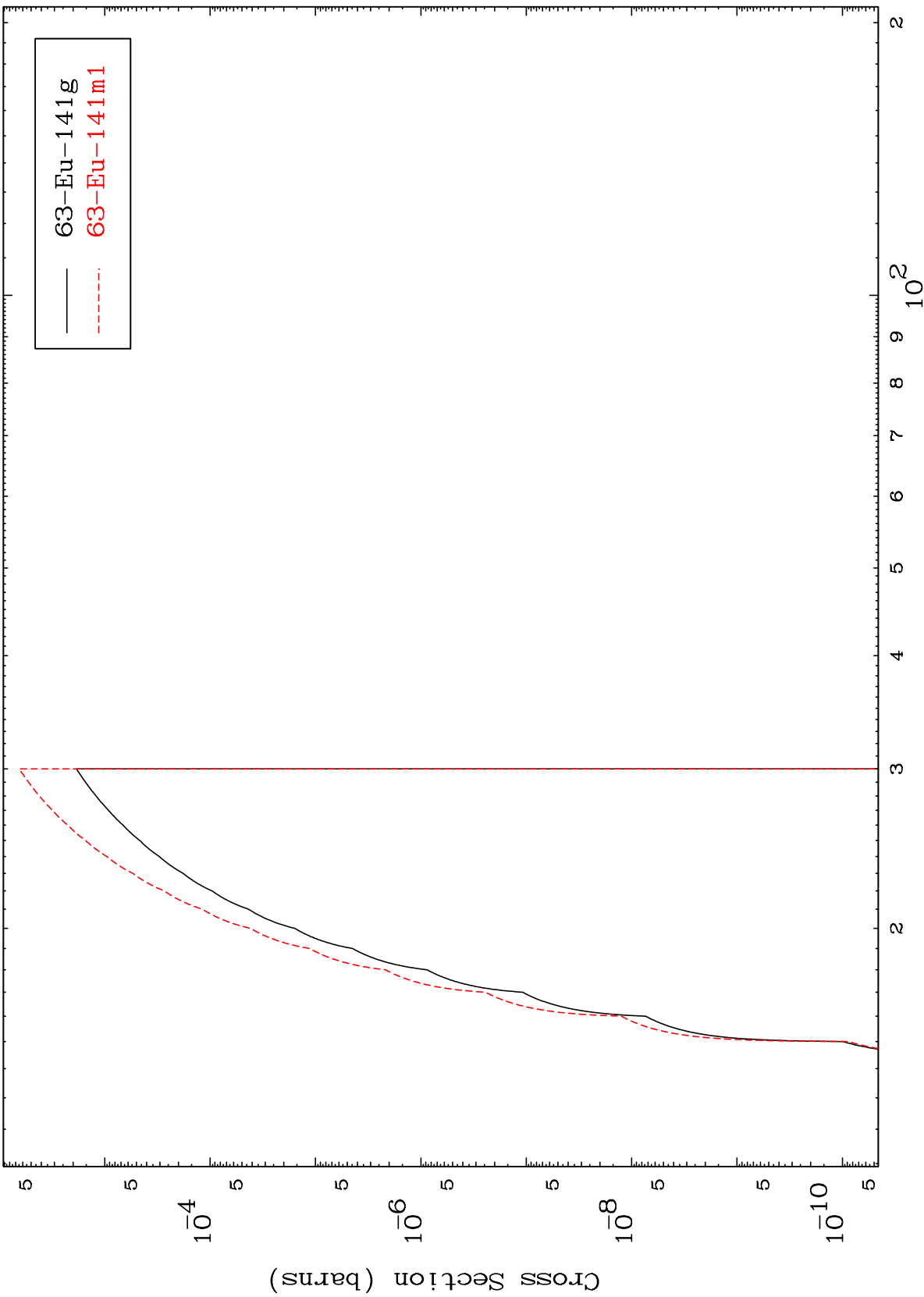


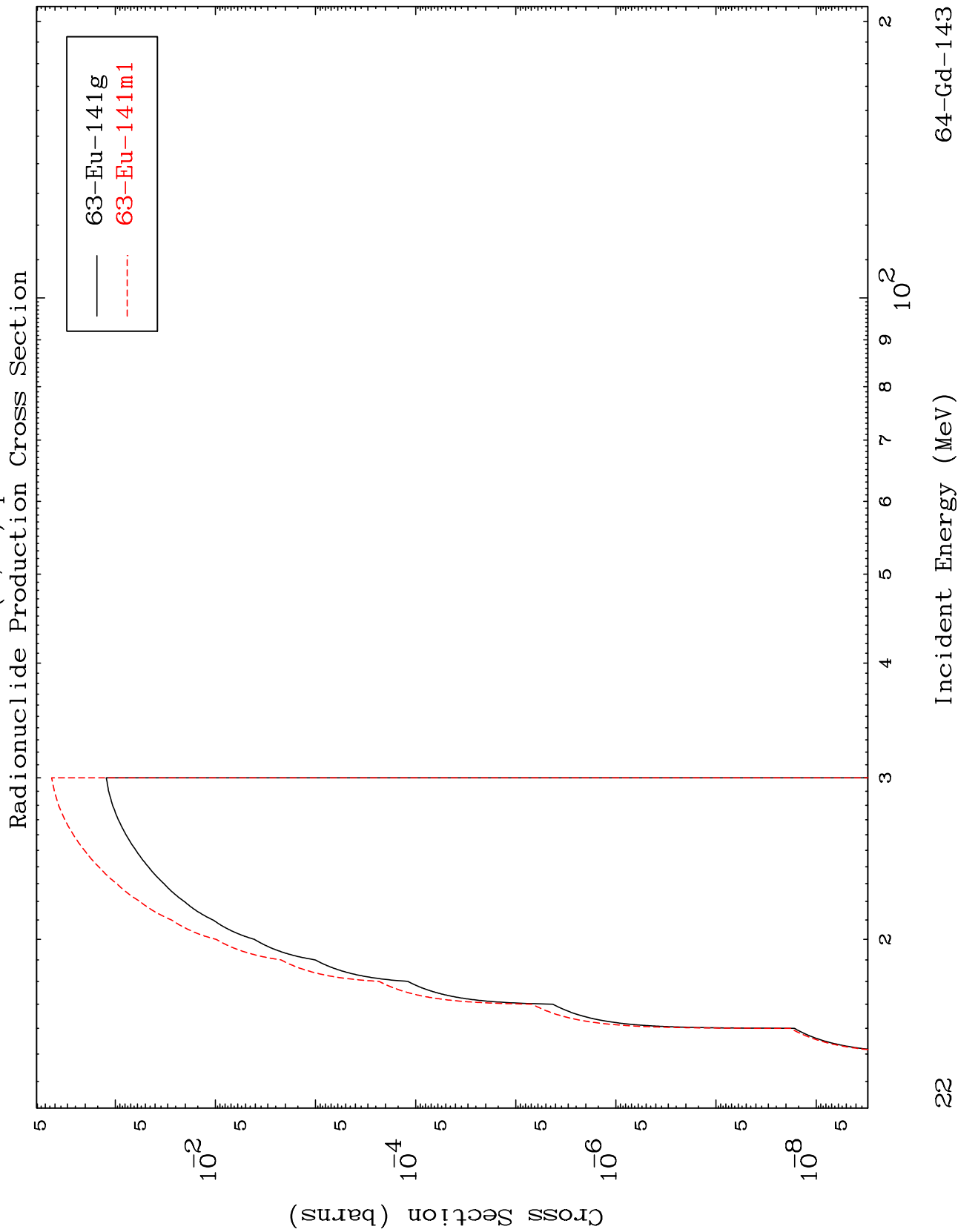
20

Incident Energy (MeV)

64-Gd-143

Radionuclide Production Cross Section



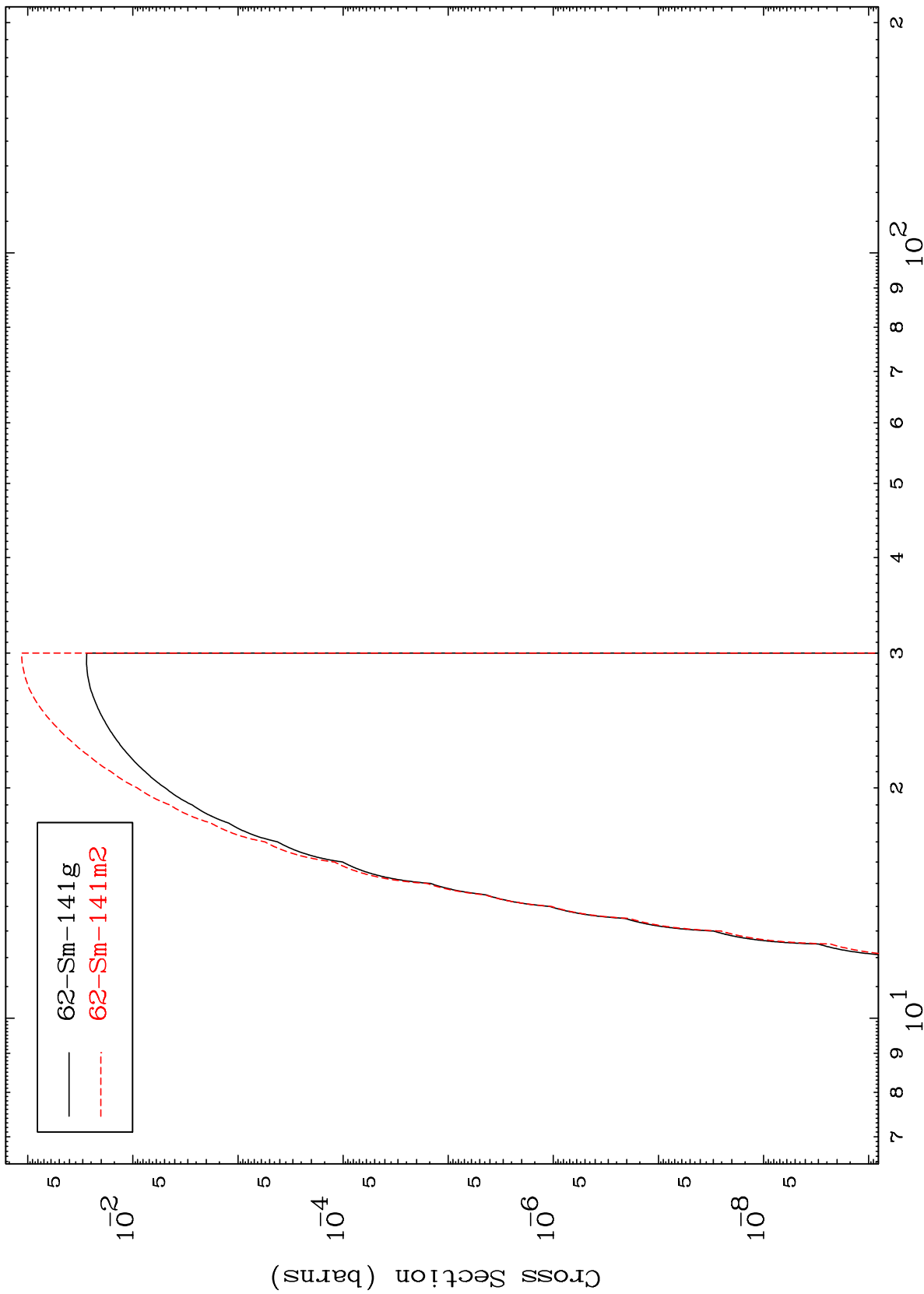


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(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

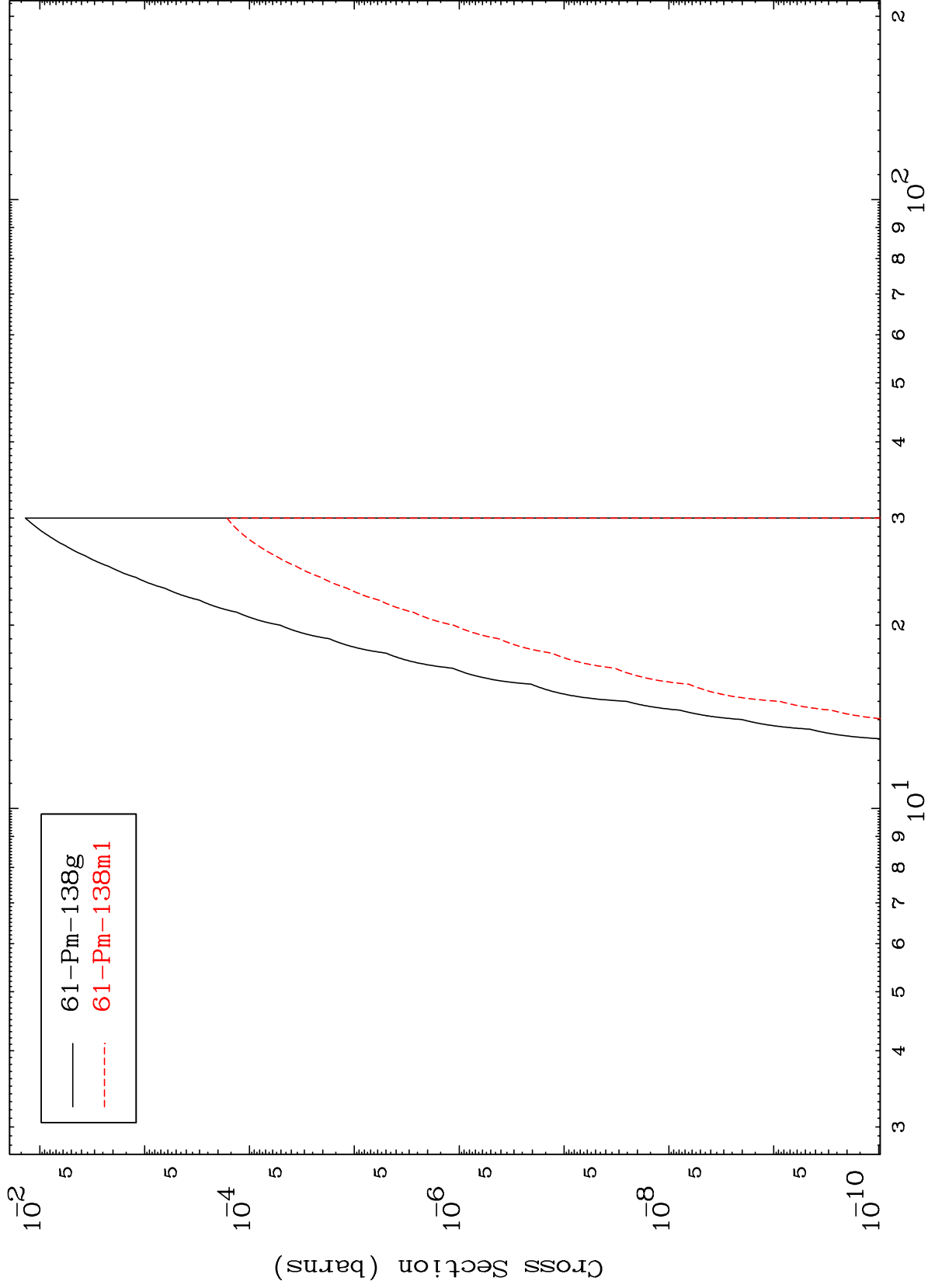
64-Gd-143

MAT 6399

(n,n') p α

64-Gd-143

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

24

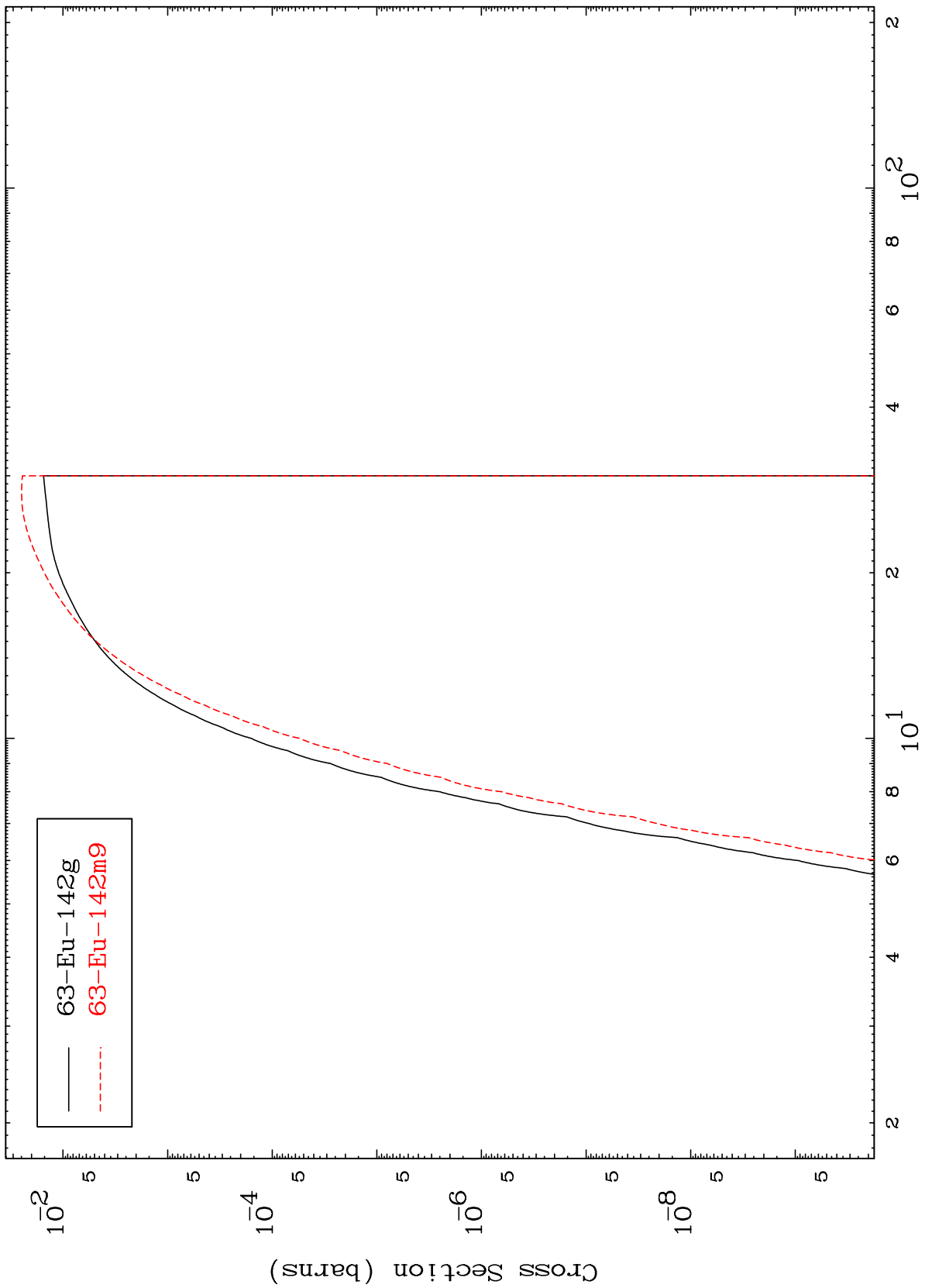
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

(n,d)
Radionuclide Production Cross Section



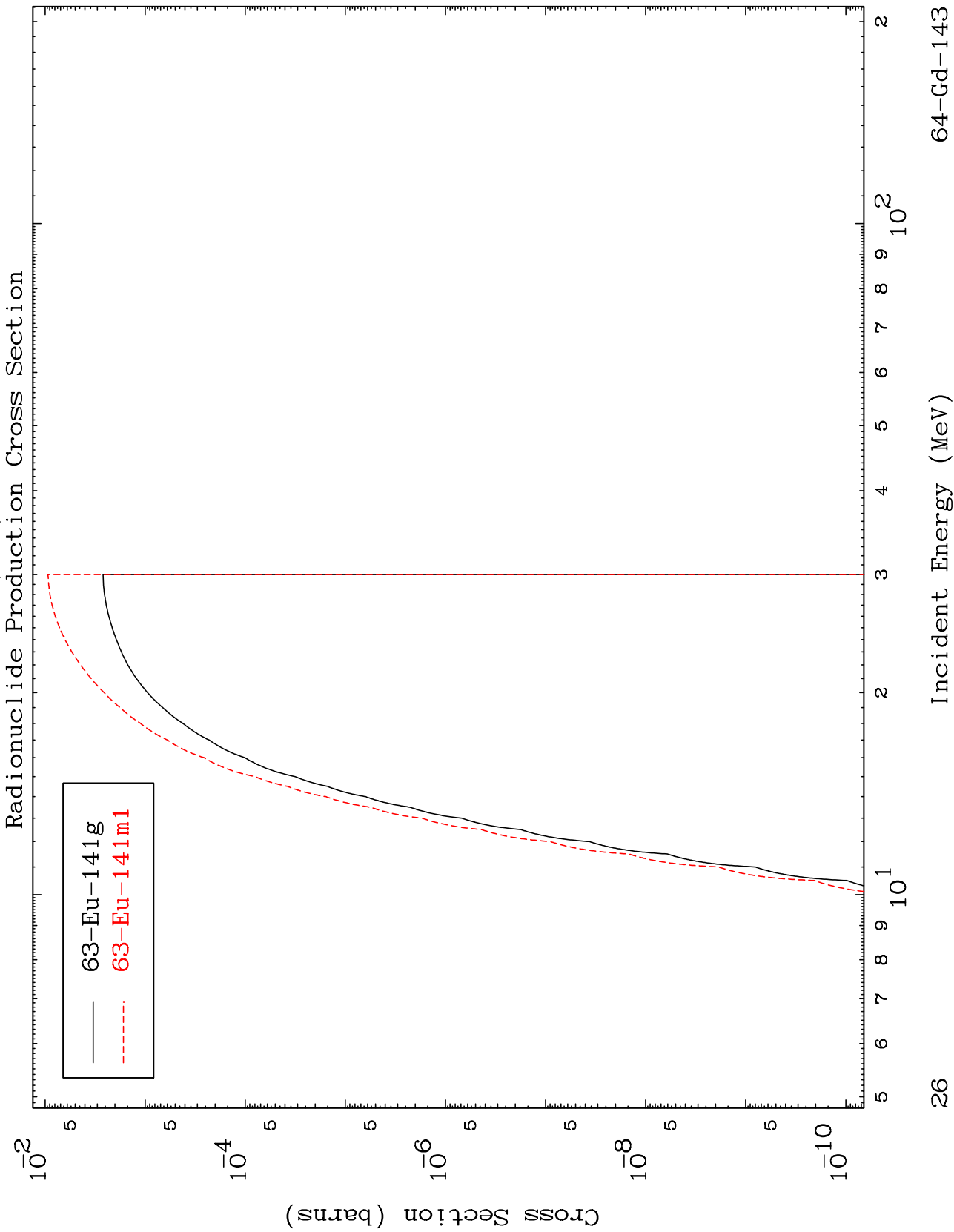
25

64-Gd-143

Incident Energy (MeV)

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64-Gd-143



26

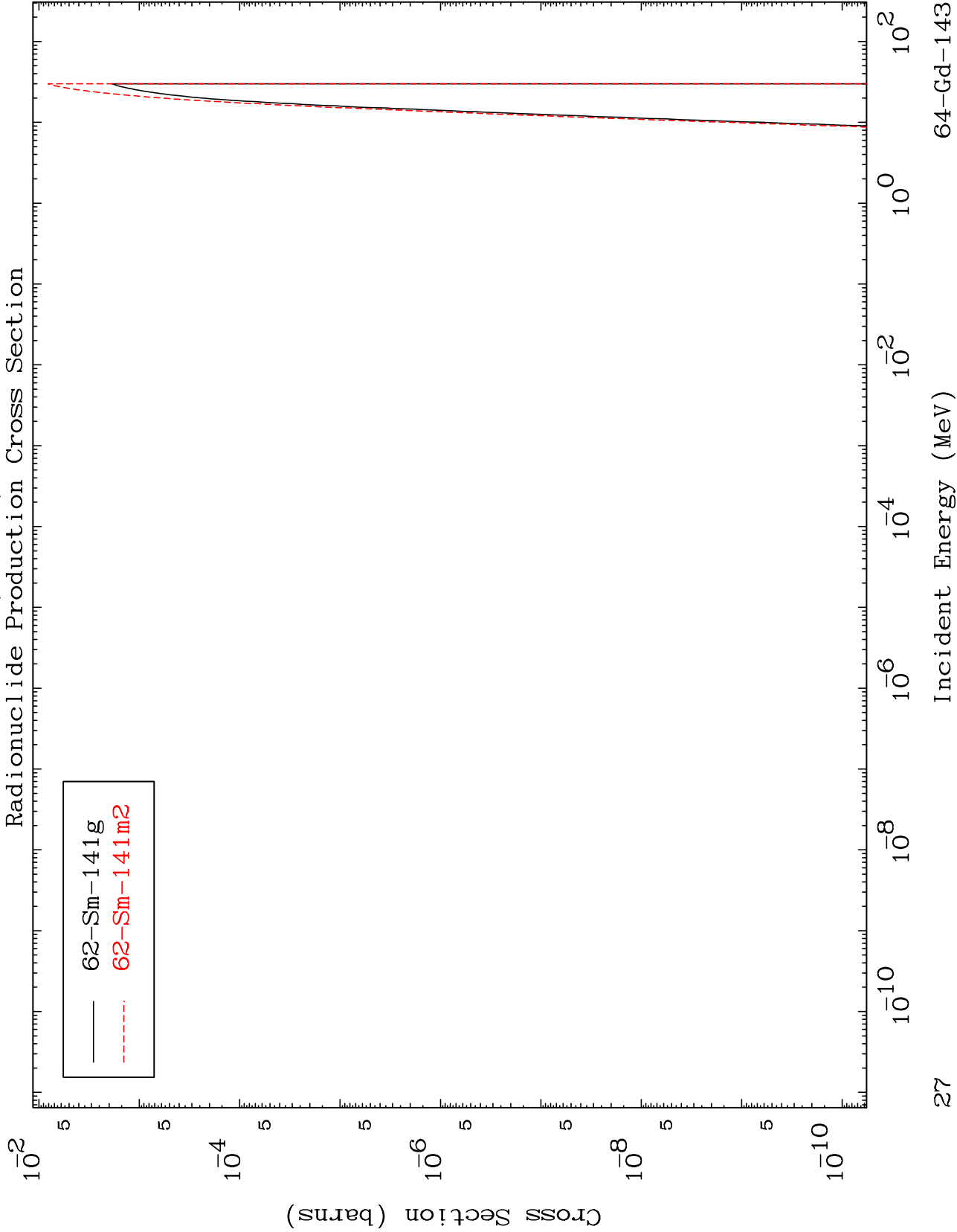
64-Gd-143

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(n,He-3)

64-Gd-143

Radionuclide Production Cross Section

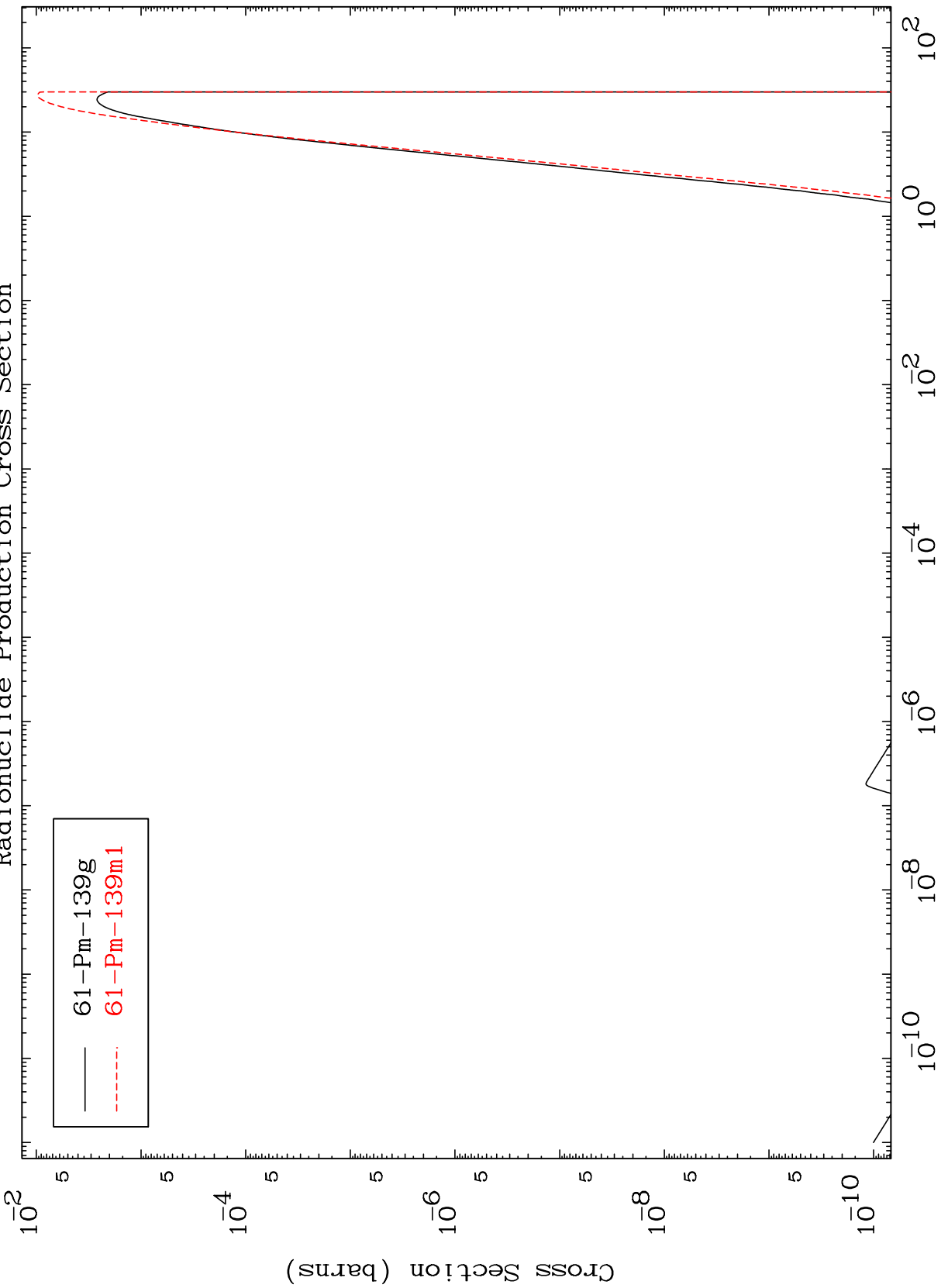


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(n,p) α

64-Gd-143

Radionuclide Production Cross Section

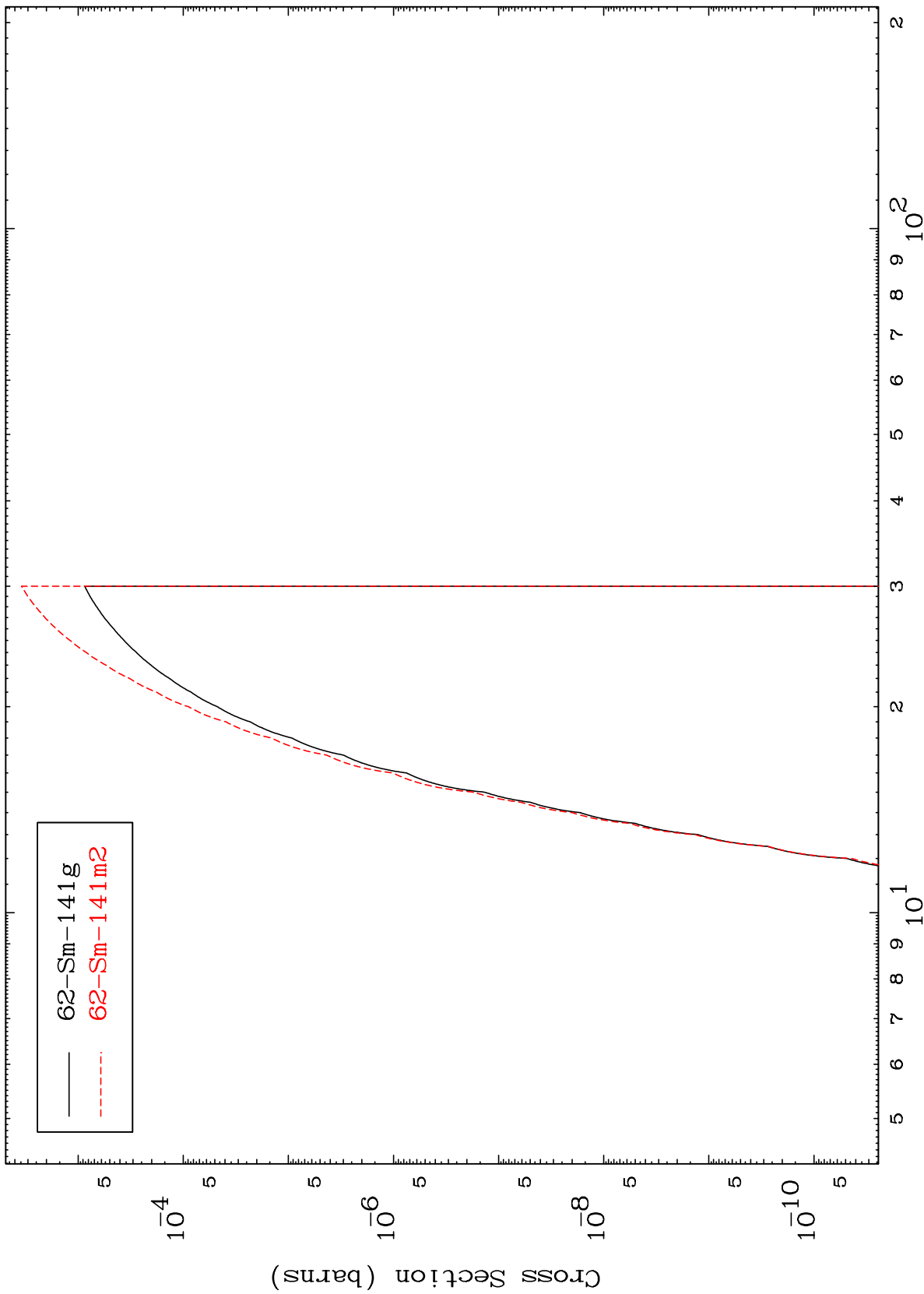


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(n,p) d

64-Gd-143

Radionuclide Production Cross Section



29

Incident Energy (MeV)

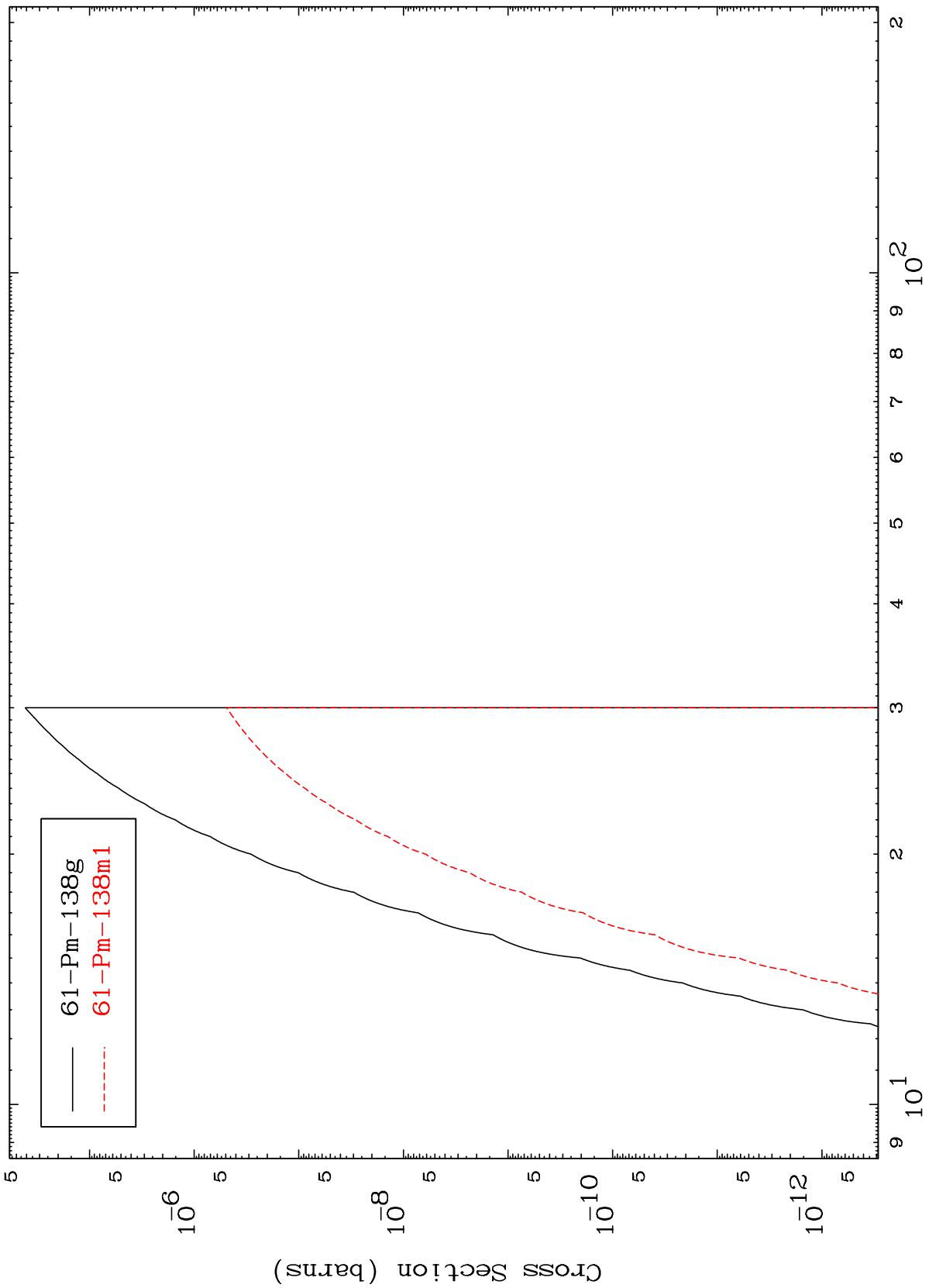
64-Gd-143

MAT 6399

(n,d) α

64-Gd-143

Radionuclide Production Cross Section



30

Incident Energy (MeV)

64-Gd-143