

Program EVALPLOT
(Version 2018-1)

by

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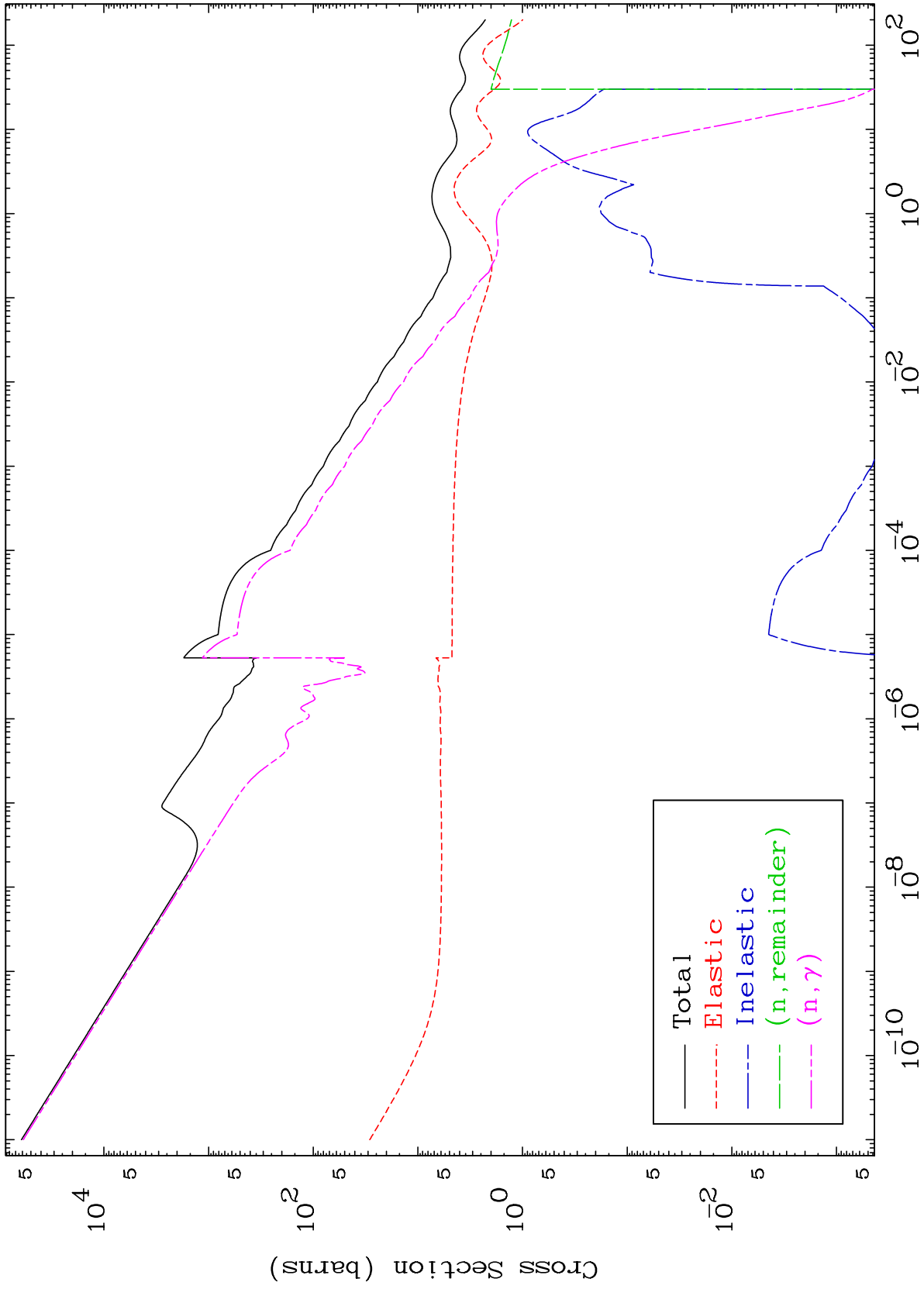
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

Major
293 Kelvin Cross Sections

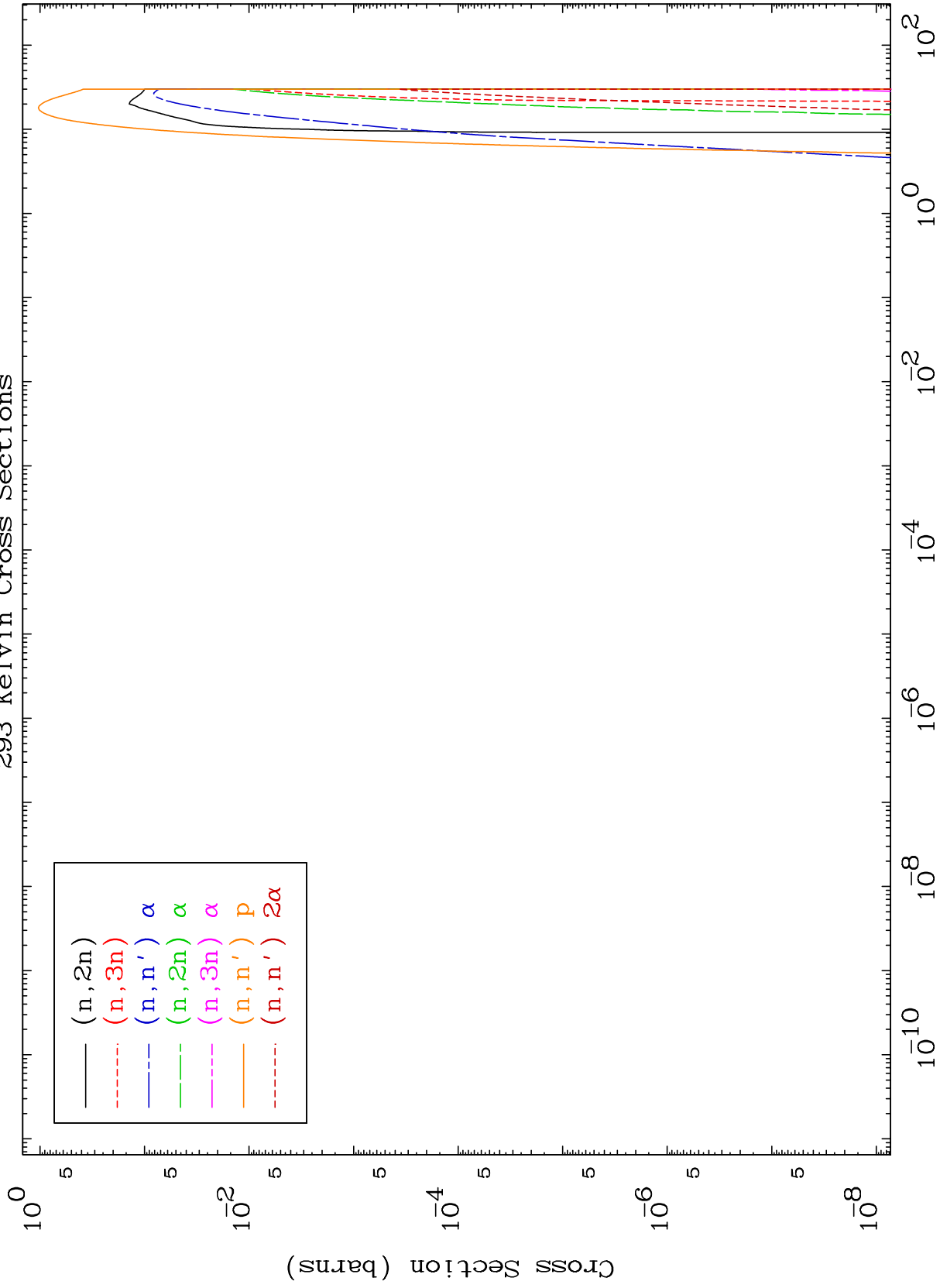
64-Gd-141



MAT 6393

Neutron Production
293 Kelvin Cross Sections

64-Gd-141



2

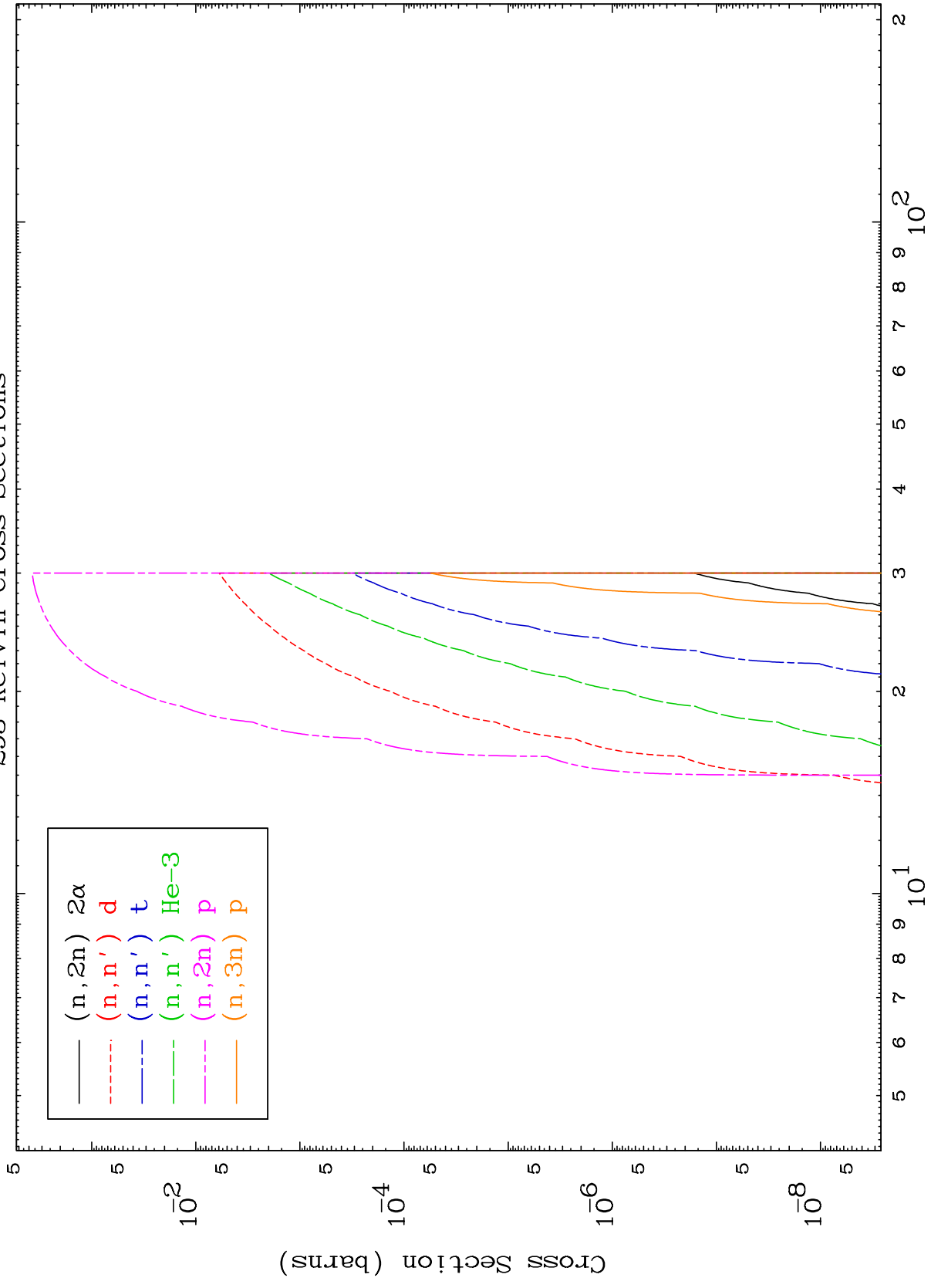
Incident Energy (MeV)

64-Gd-141

MAT 6393

Neutron Production
293 Kelvin Cross Sections

64-Gd-141



3

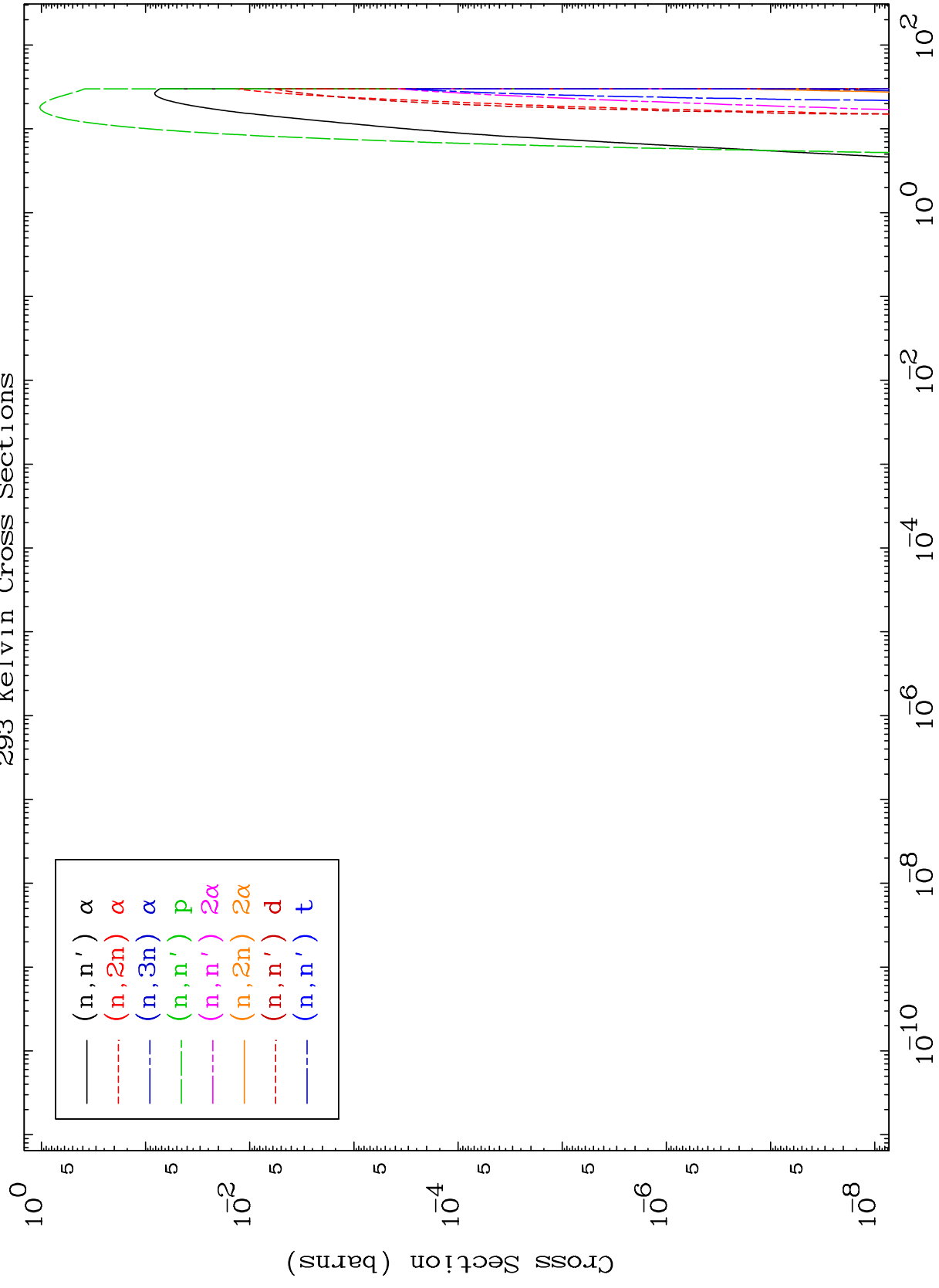
Incident Energy (MeV)

64-Gd-141

MAT 6393

293 Charged Particle
Kelvin Cross Sections

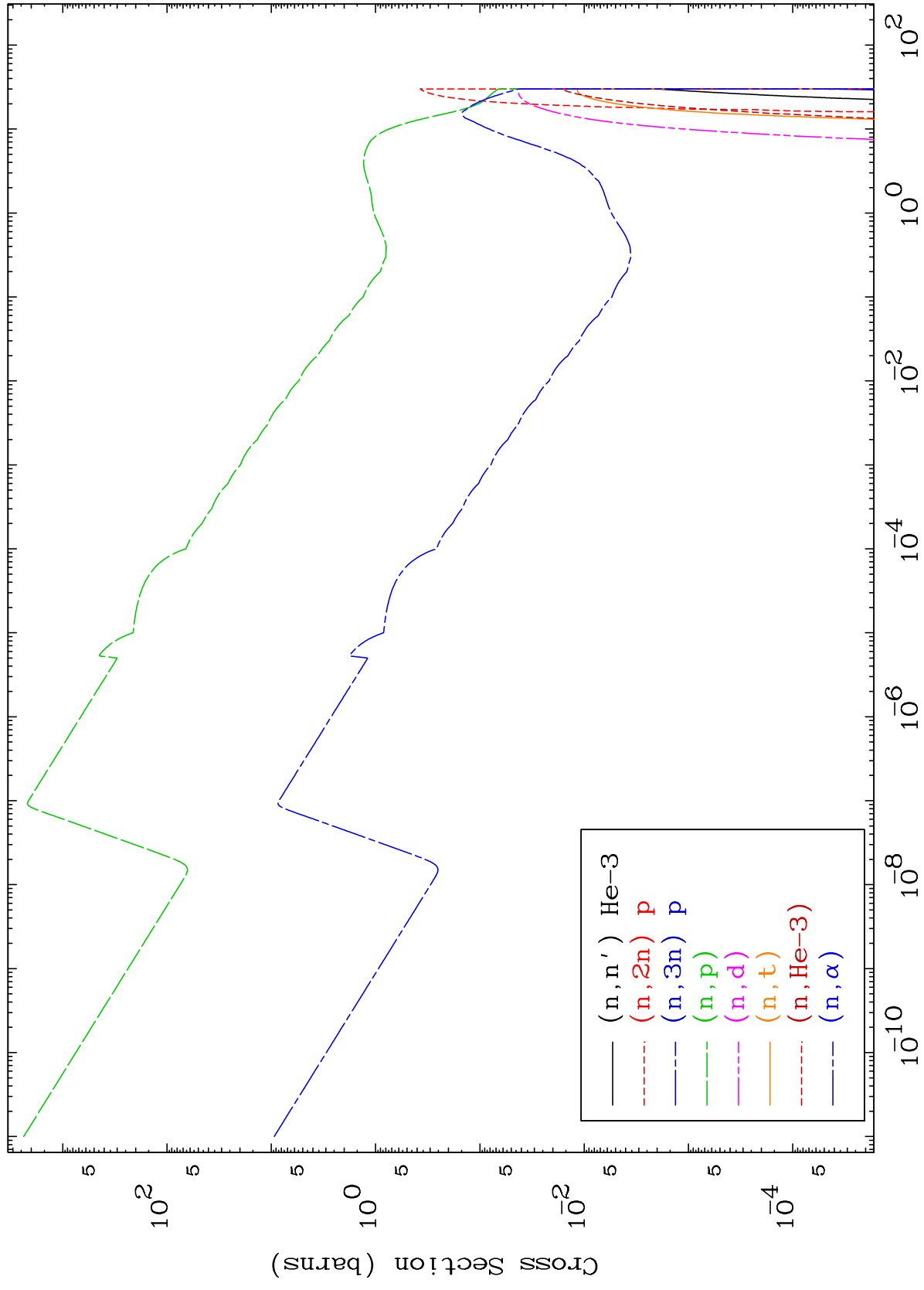
64-Gd-141



MAT 6393

Charged Particle
293 Kelvin Cross Sections

64-Gd-141

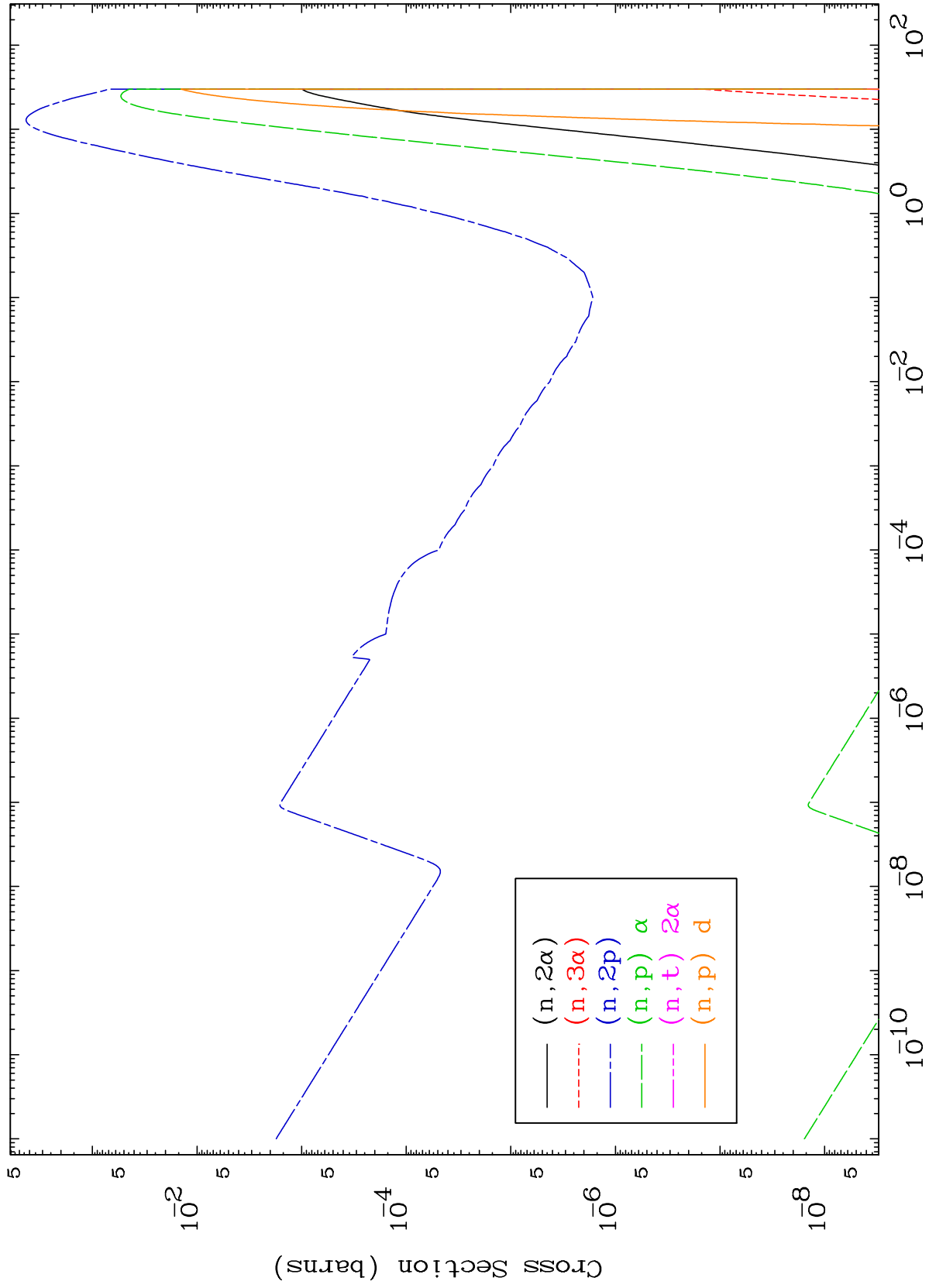


64-Gd-141

MAT 6393

293 Kelvin Cross Sections

64-Gd-141



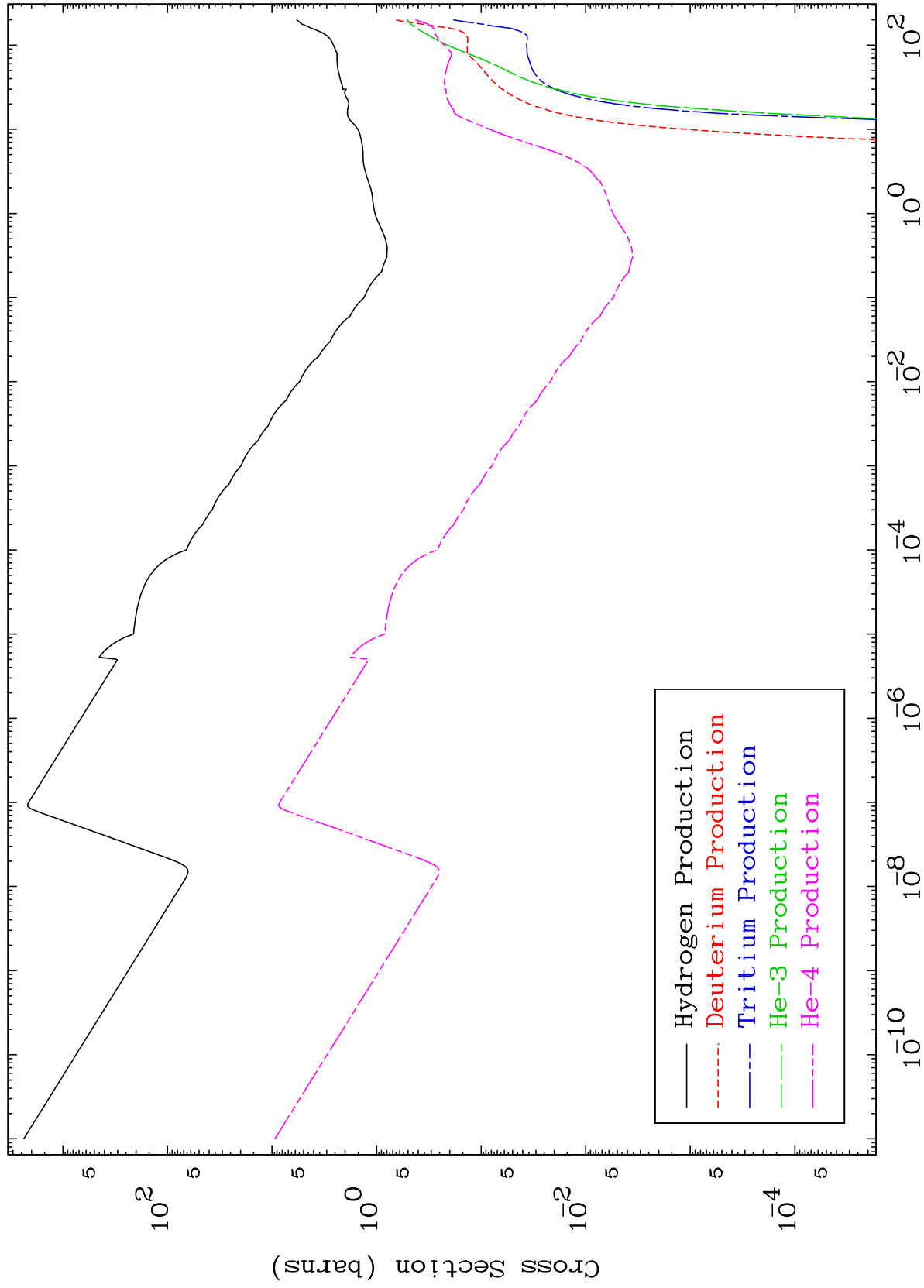
6

64-Gd-141

MAT 6393

Particle Production
293 Kelvin Cross Sections

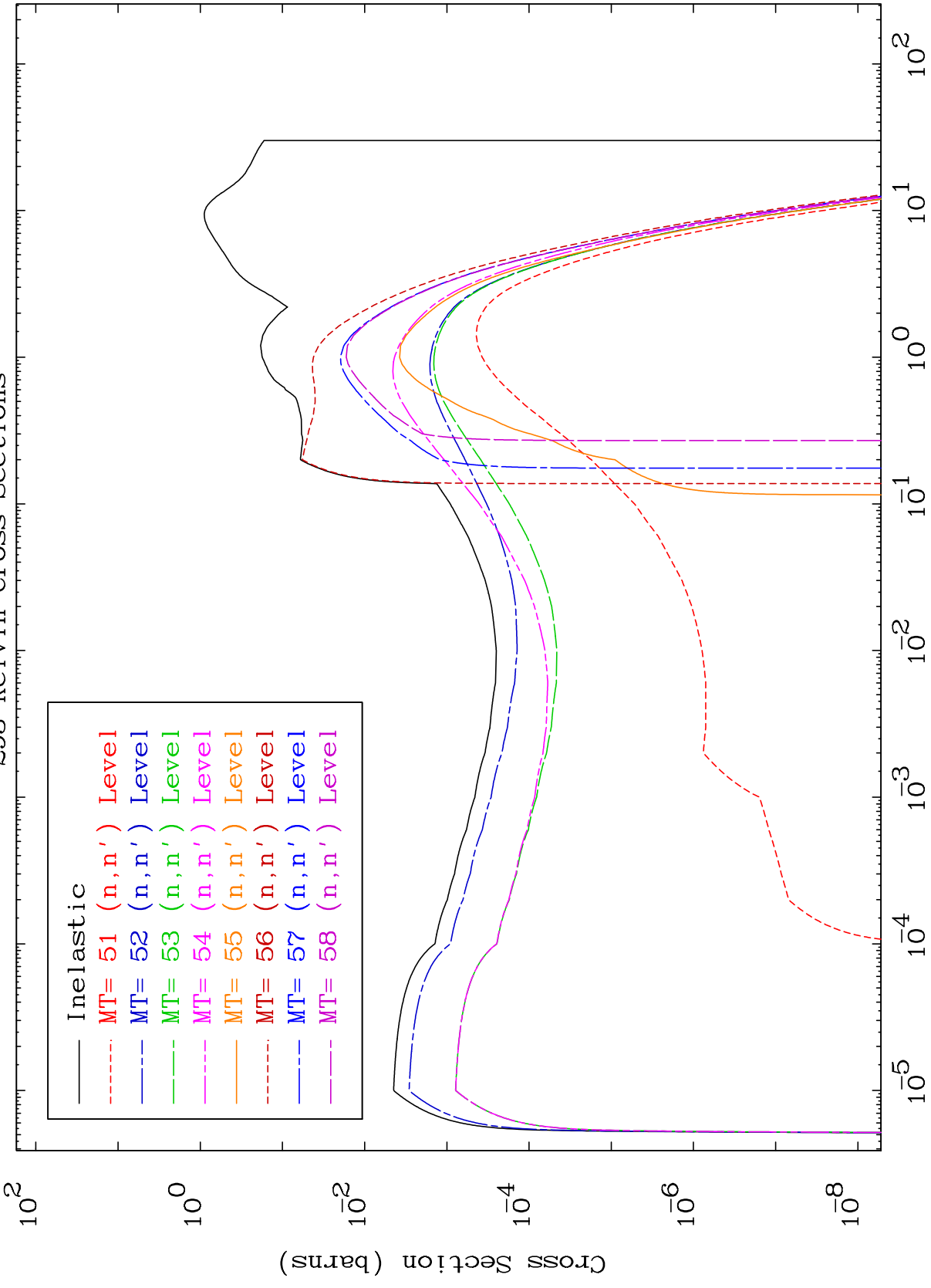
64-Gd-141



MAT 6393

(n,n') Level
293 Kelvin Cross Sections

64-Gd-141

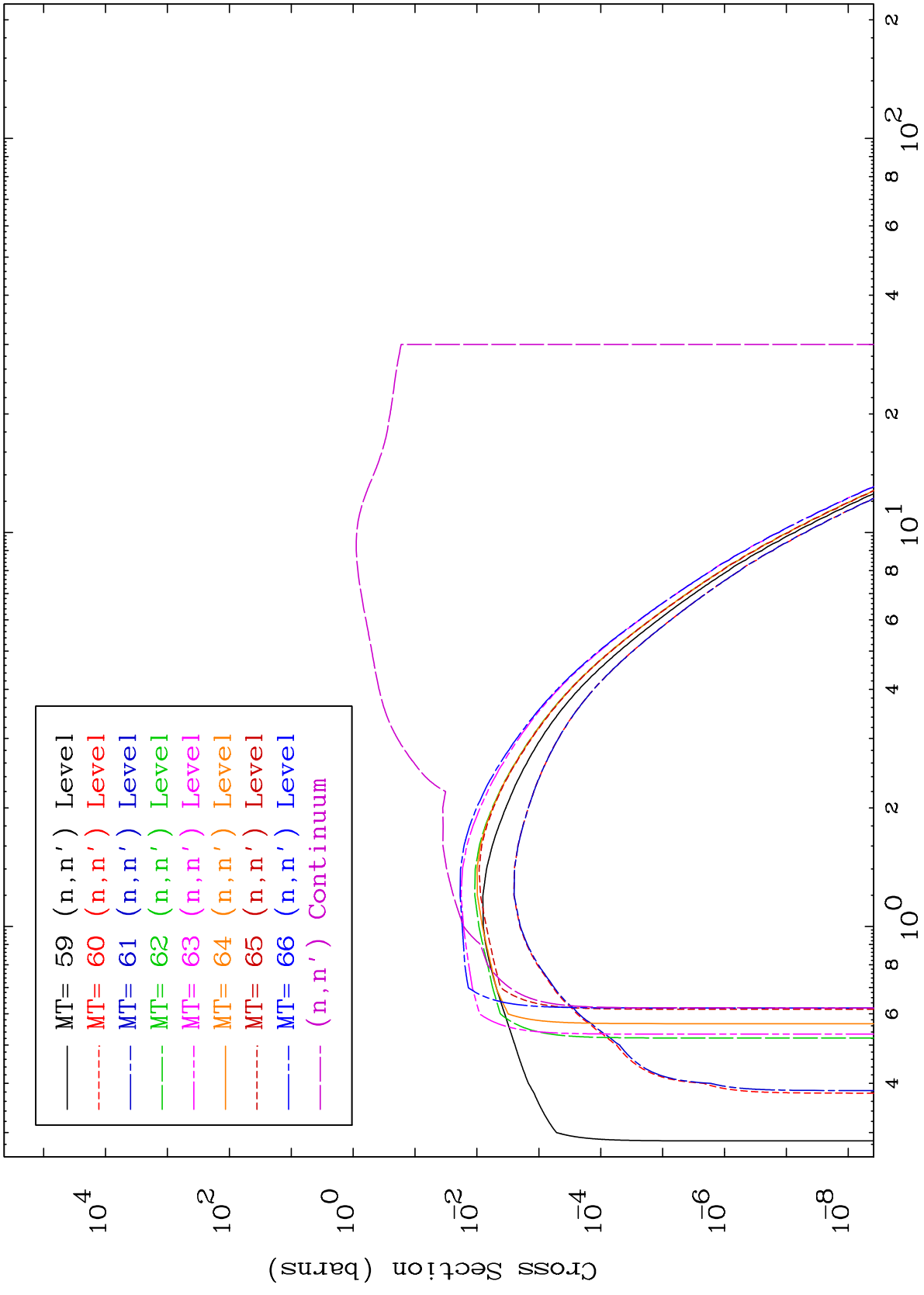


64-Gd-141

MAT 6393

(n,n') Level
293 Kelvin Cross Sections

64-Gd-141

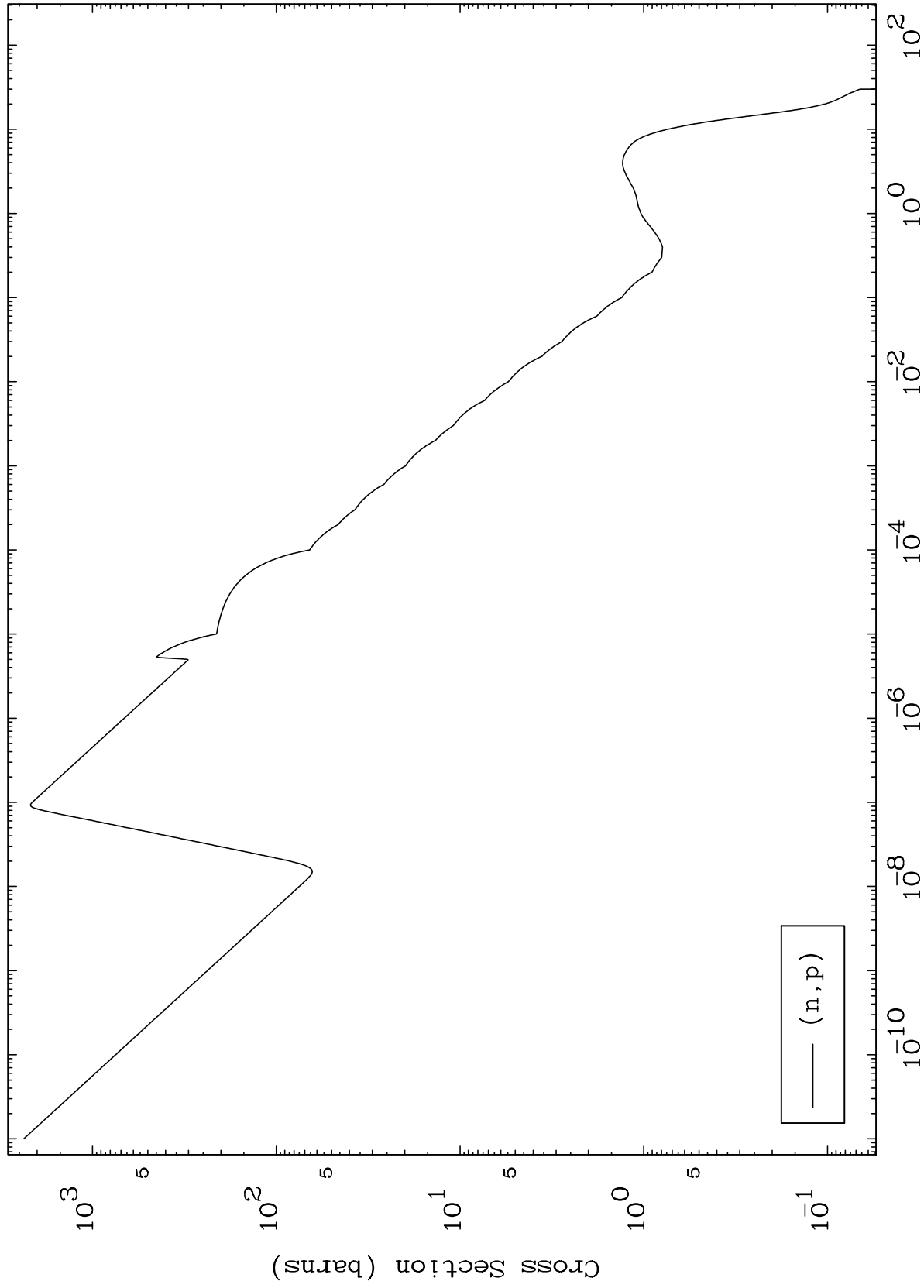


64-Gd-141

MAT 6393

(n,p) Levels
293 Kelvin Cross Sections

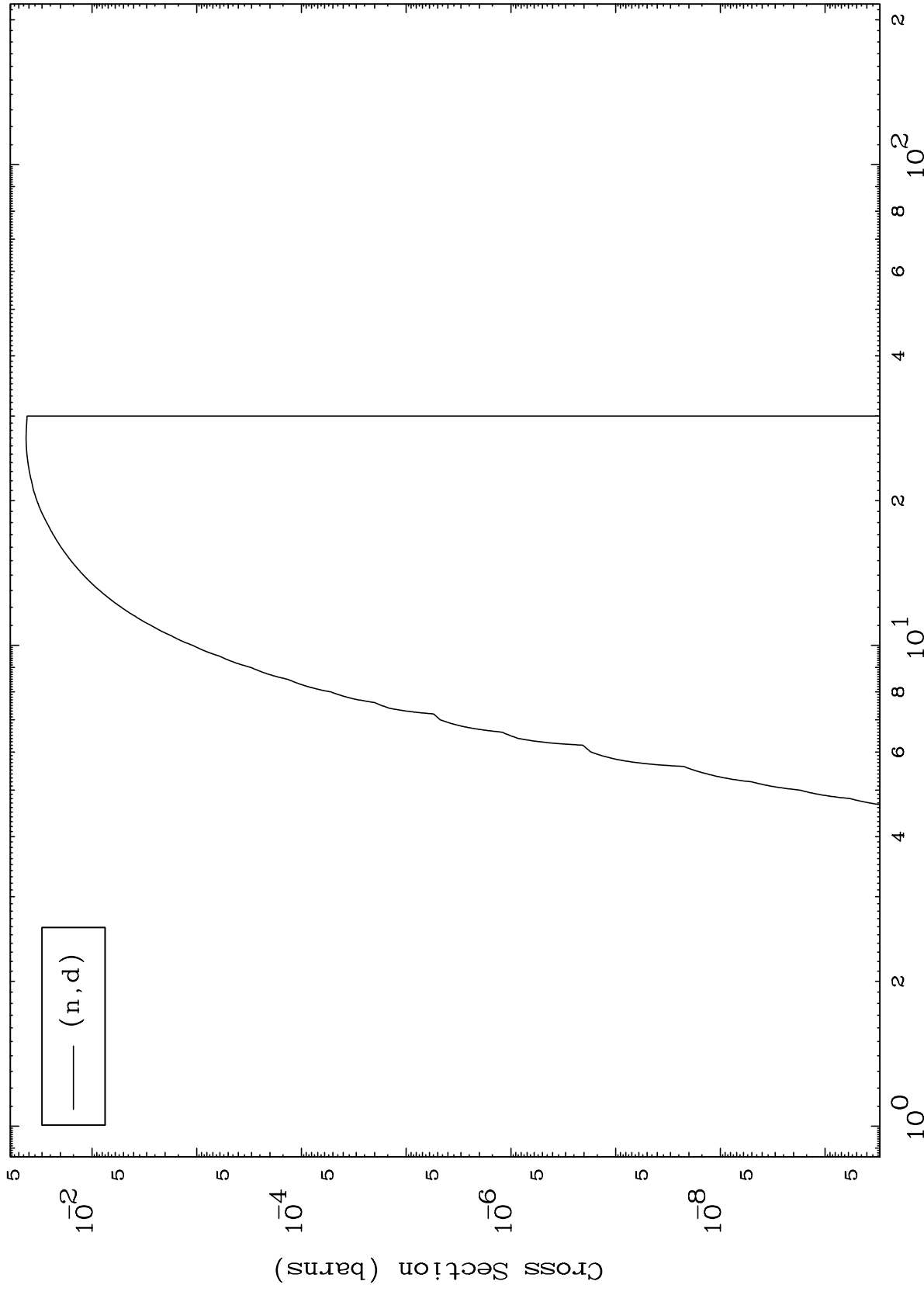
64-Gd-141



MAT 6393

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-141



(n,d)

11

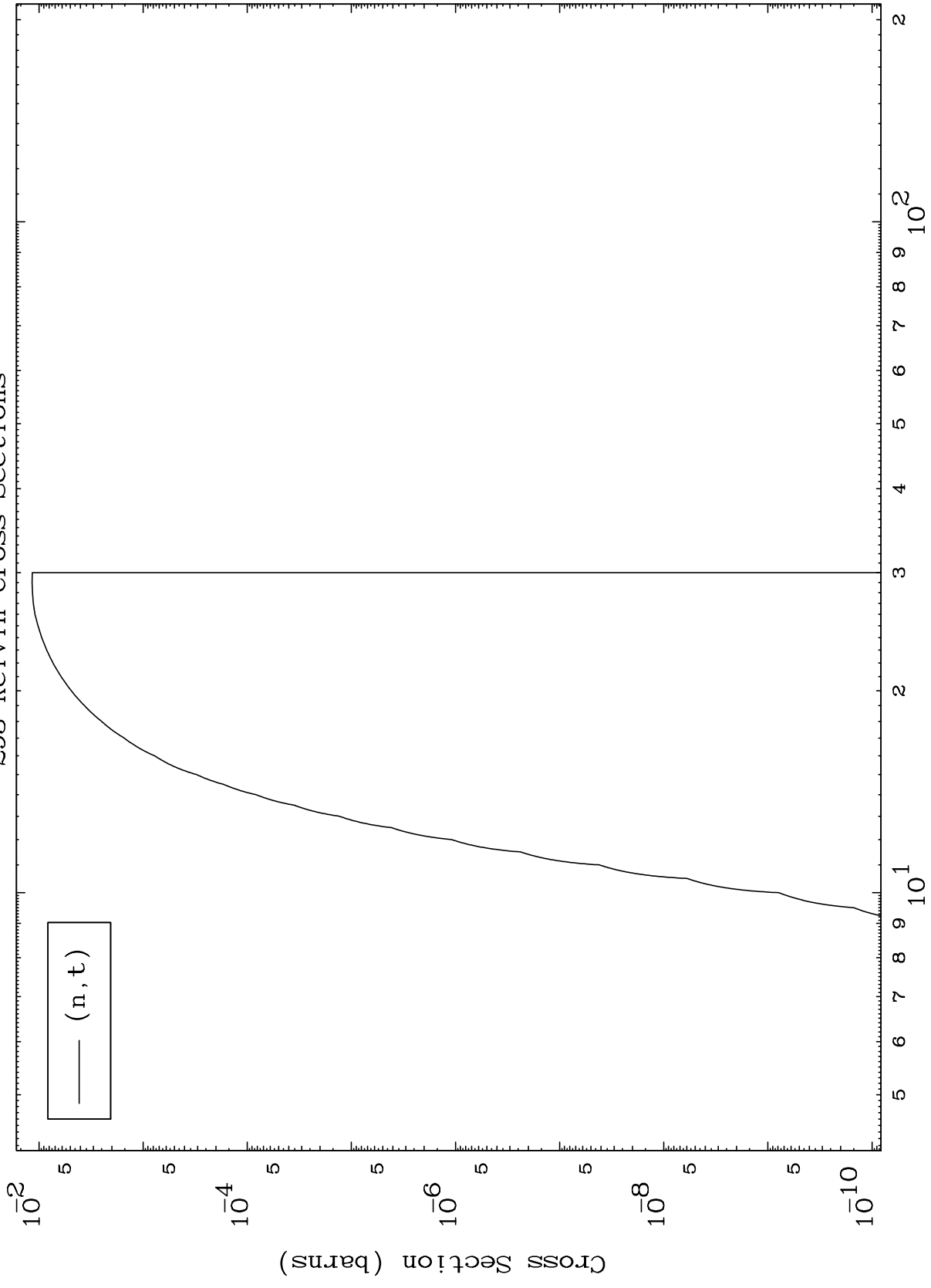
Incident Energy (MeV)

64-Gd-141

MAT 6393

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-141



12

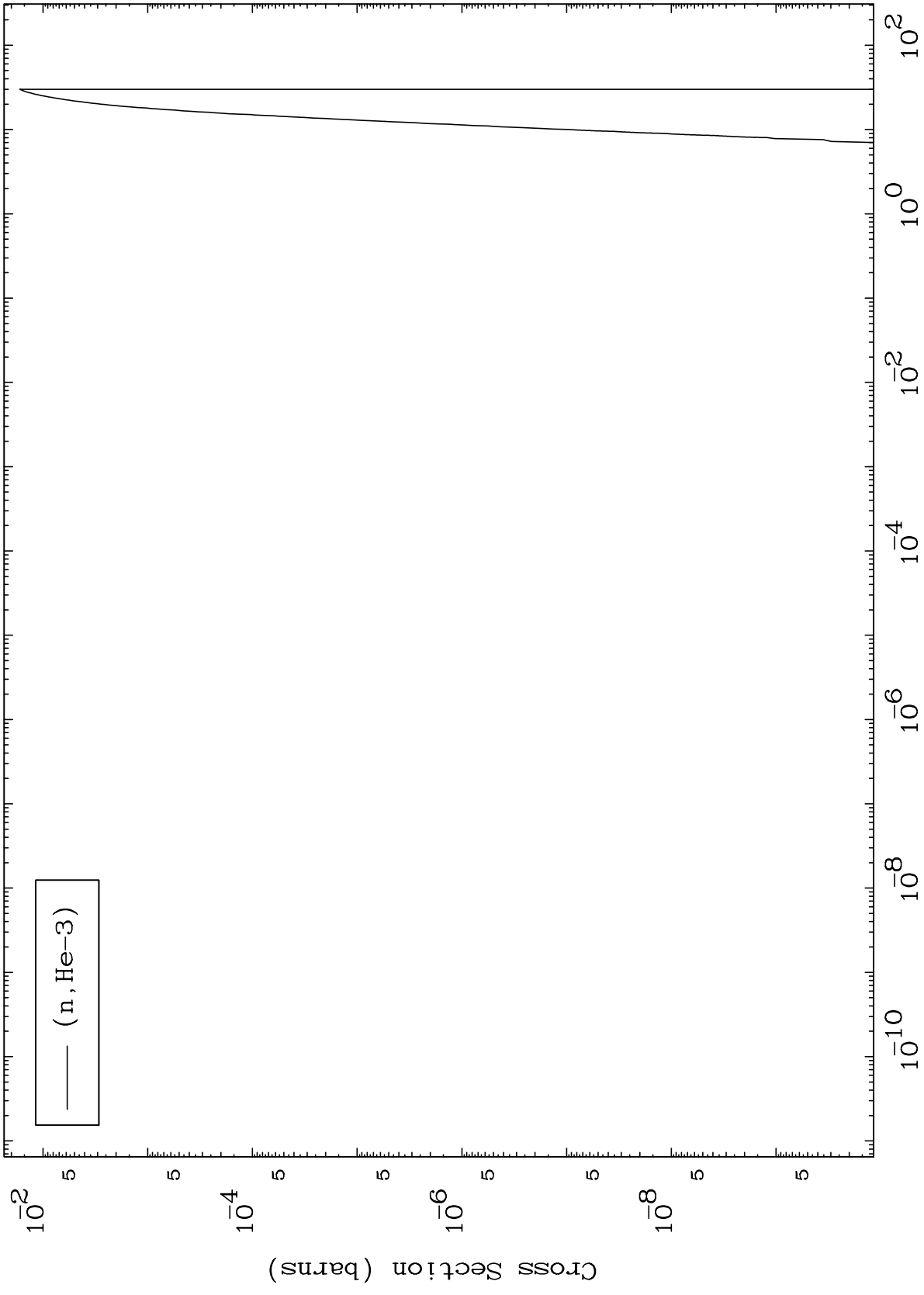
Incident Energy (MeV)

64-Gd-141

MAT 6393

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-141



13

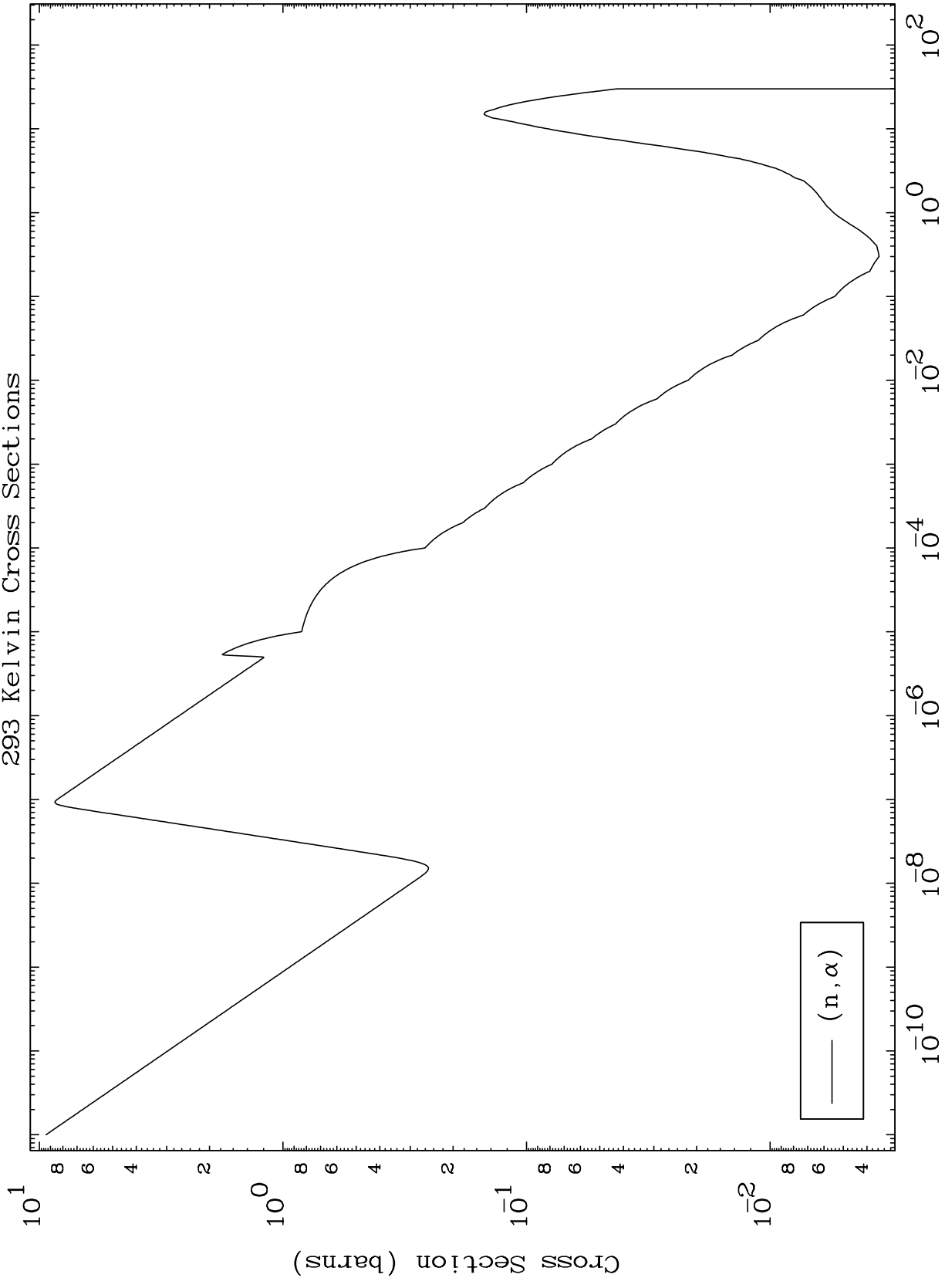
Incident Energy (MeV)

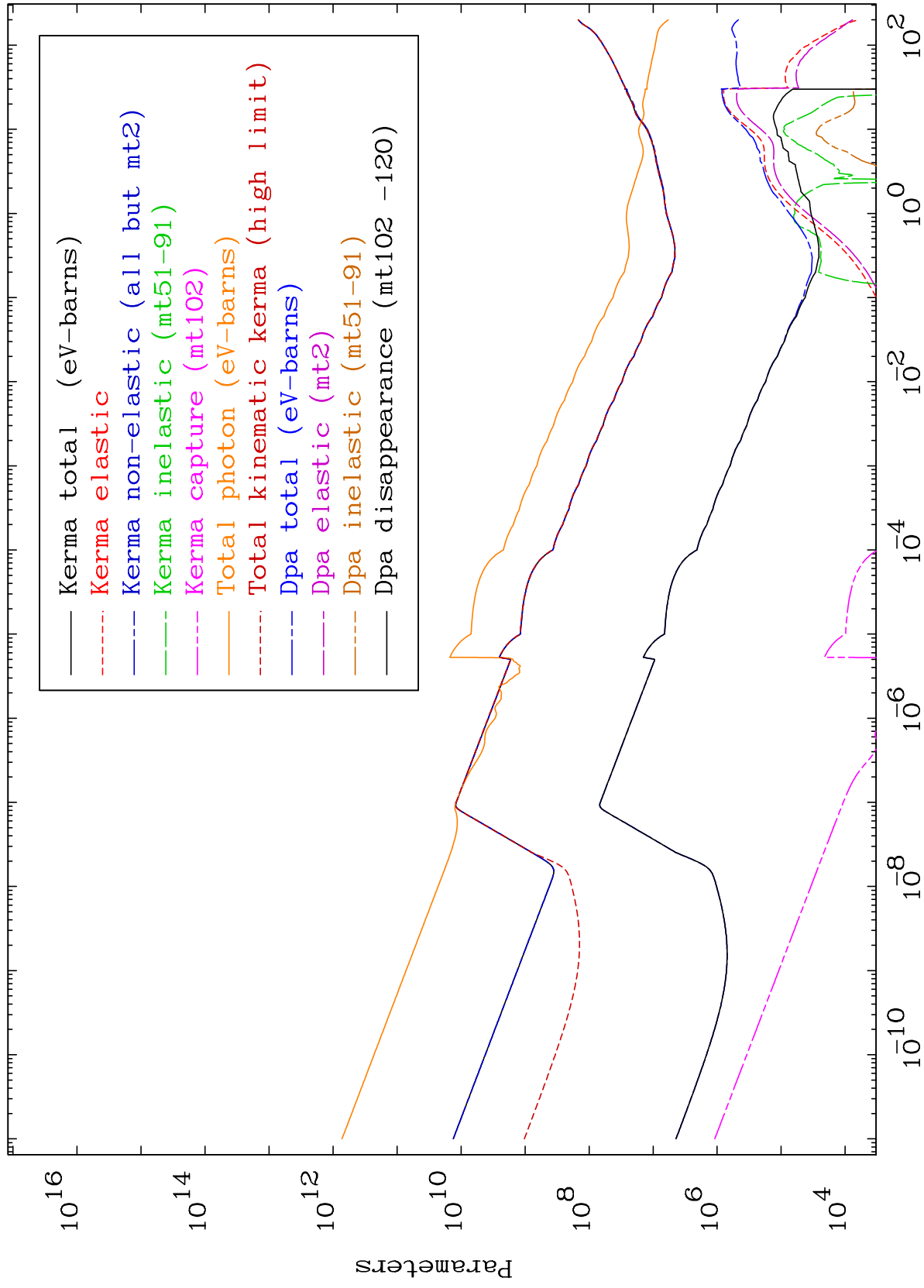
64-Gd-141

MAT 6393

(n,α) Levels
293 Kelvin Cross Sections

64-Gd-141





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Elastic Legendre Coefficients

64-Gd-141



16

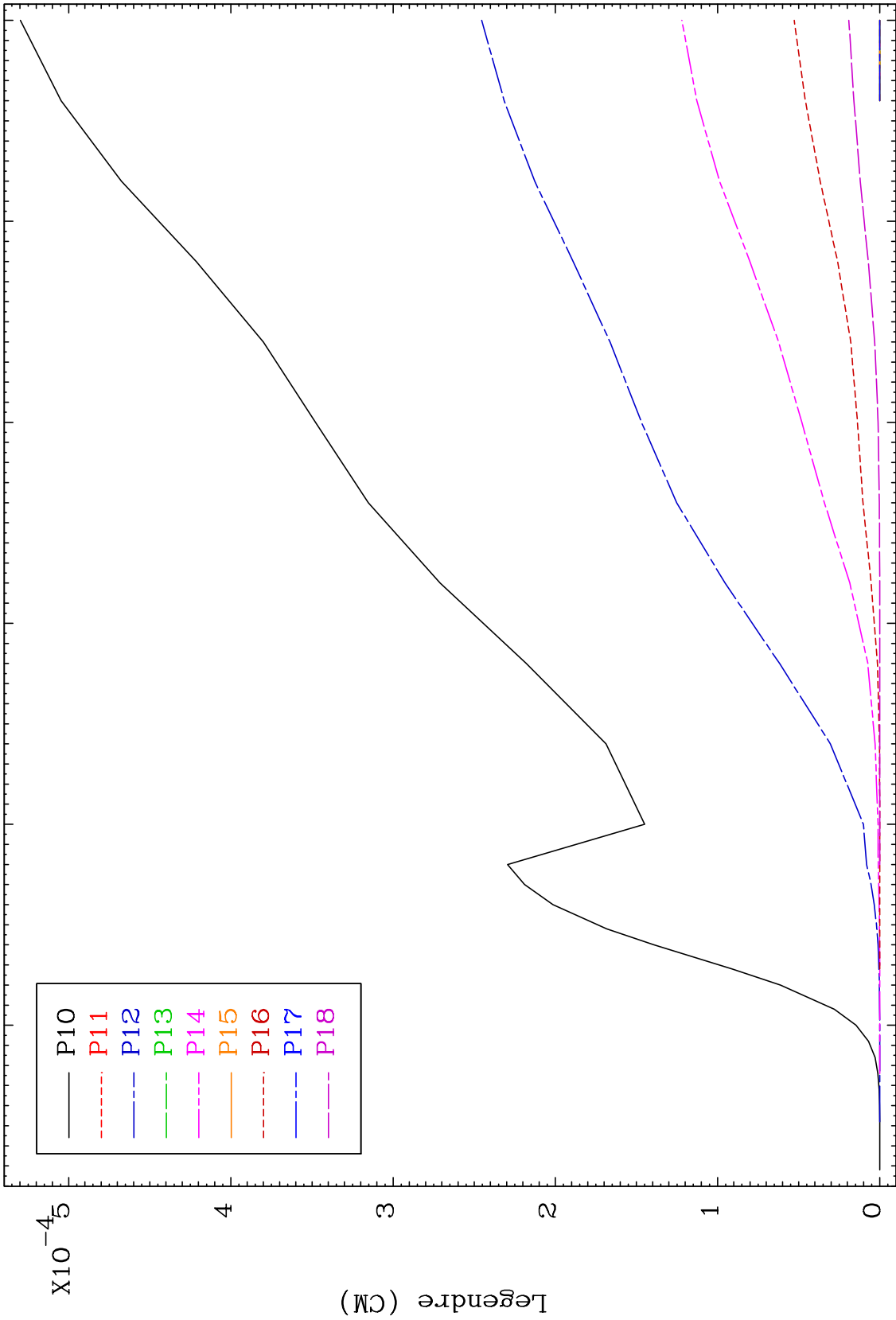
Incident Energy (MeV)

64-Gd-141

MAT 6393

Elastic Legendre Coefficients

64-Gd-141



17

64-Gd-141

Incident Energy (MeV)

MAT 6393

Elastic Legendre Coefficients

64-Gd-141



18

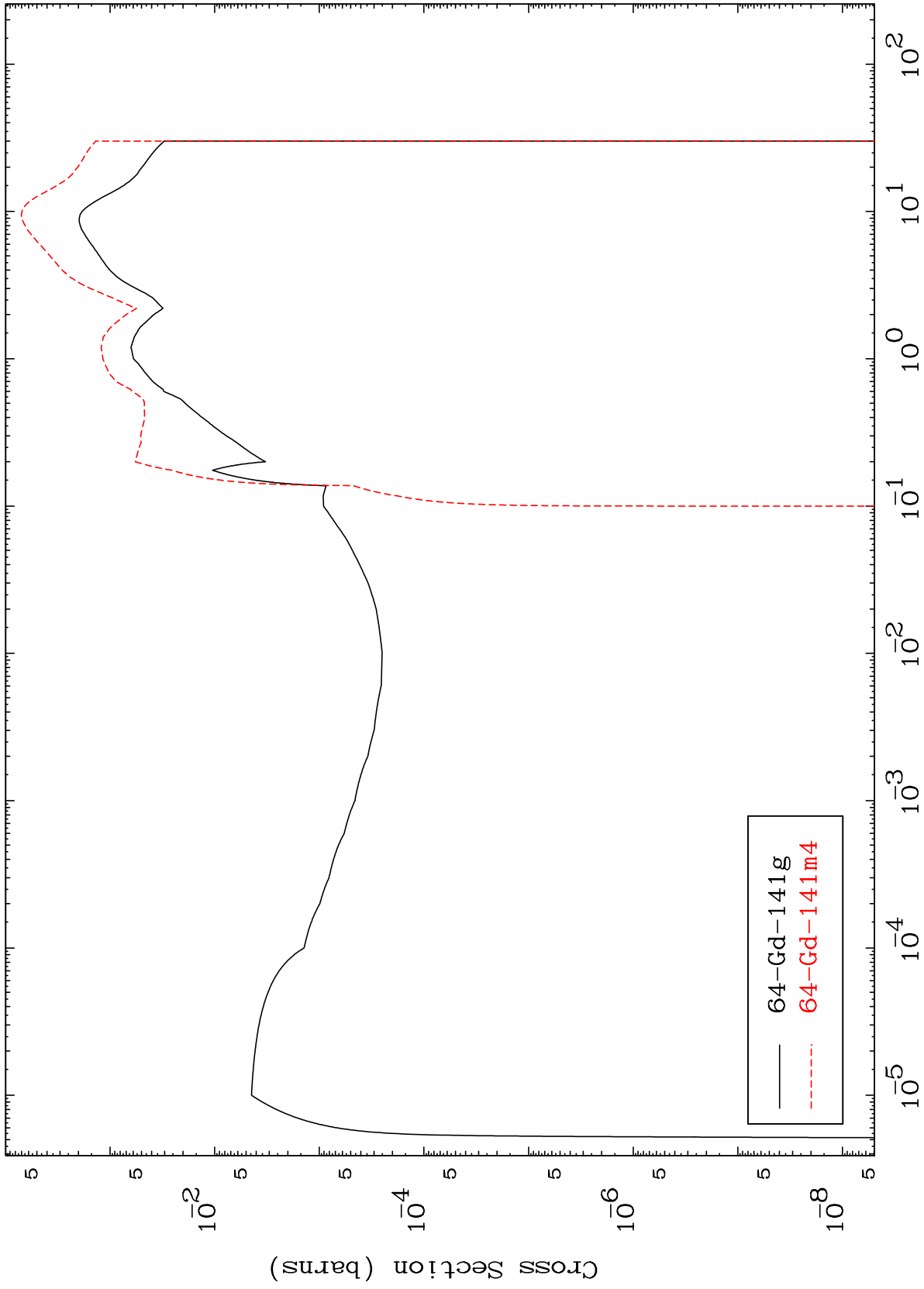
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

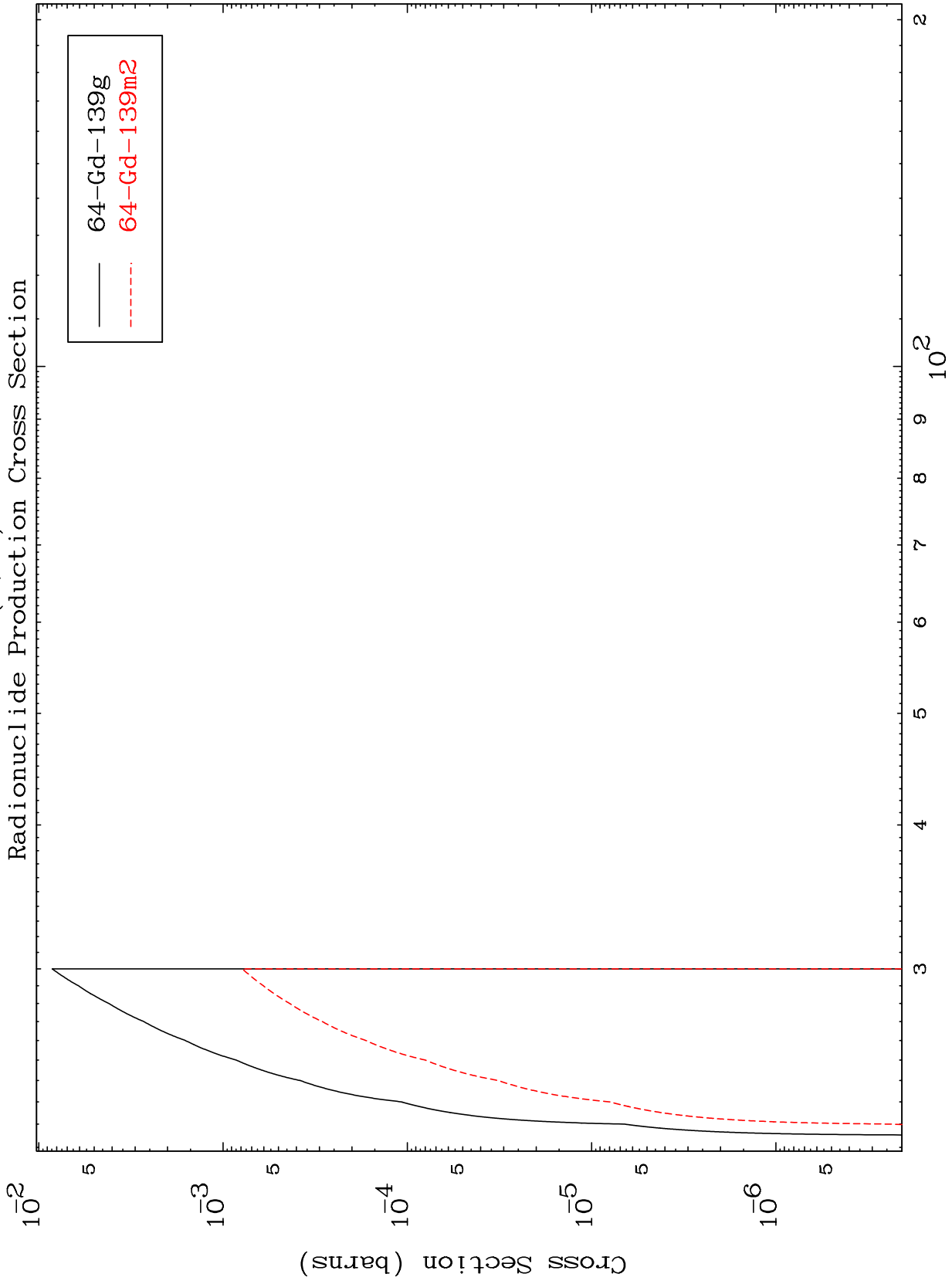
Inelastic
Radionuclide Production Cross Section



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64-Gd-141

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

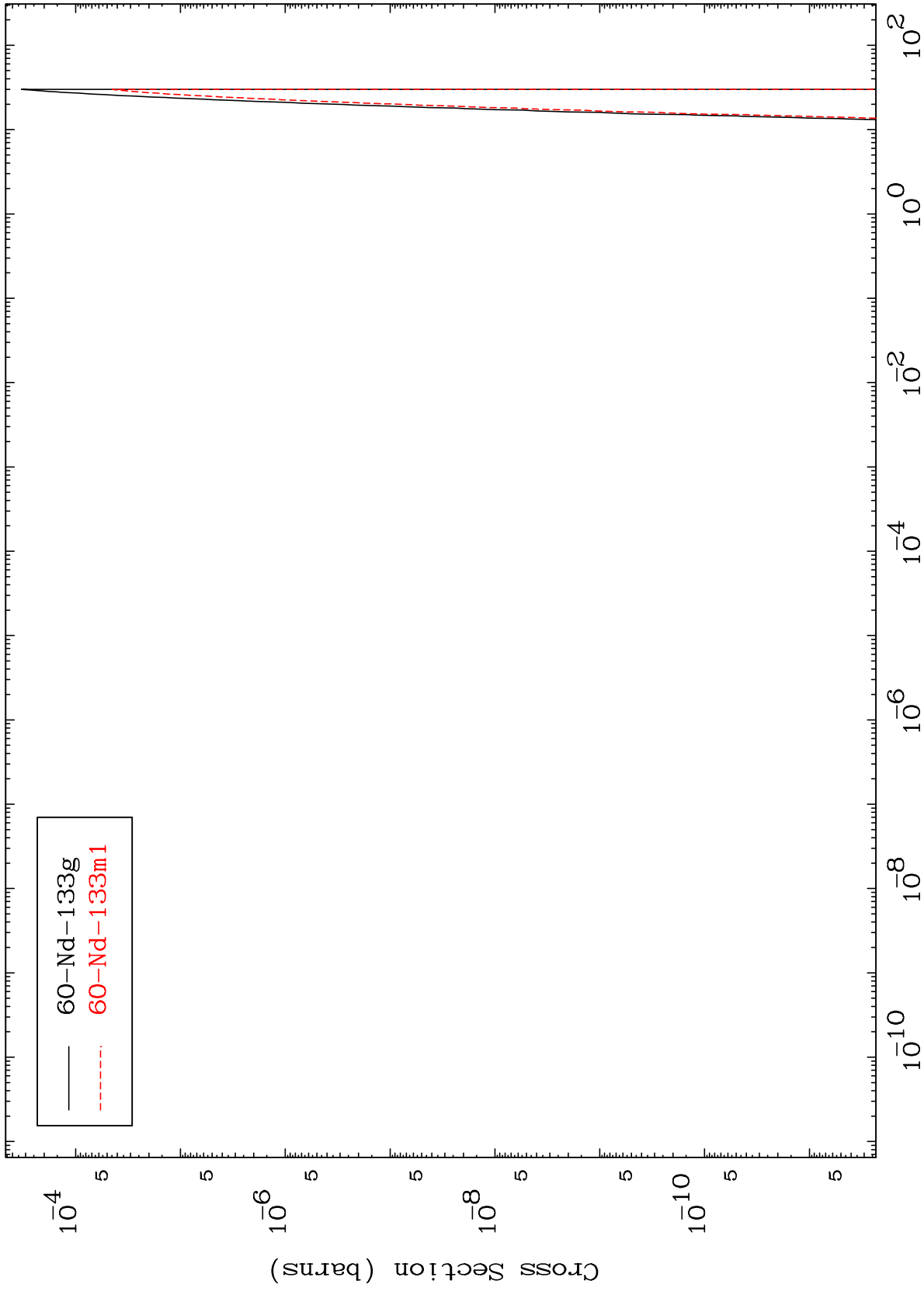
64-Gd-141

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(n,n') 2 α

64-Gd-141

Radionuclide Production Cross Section

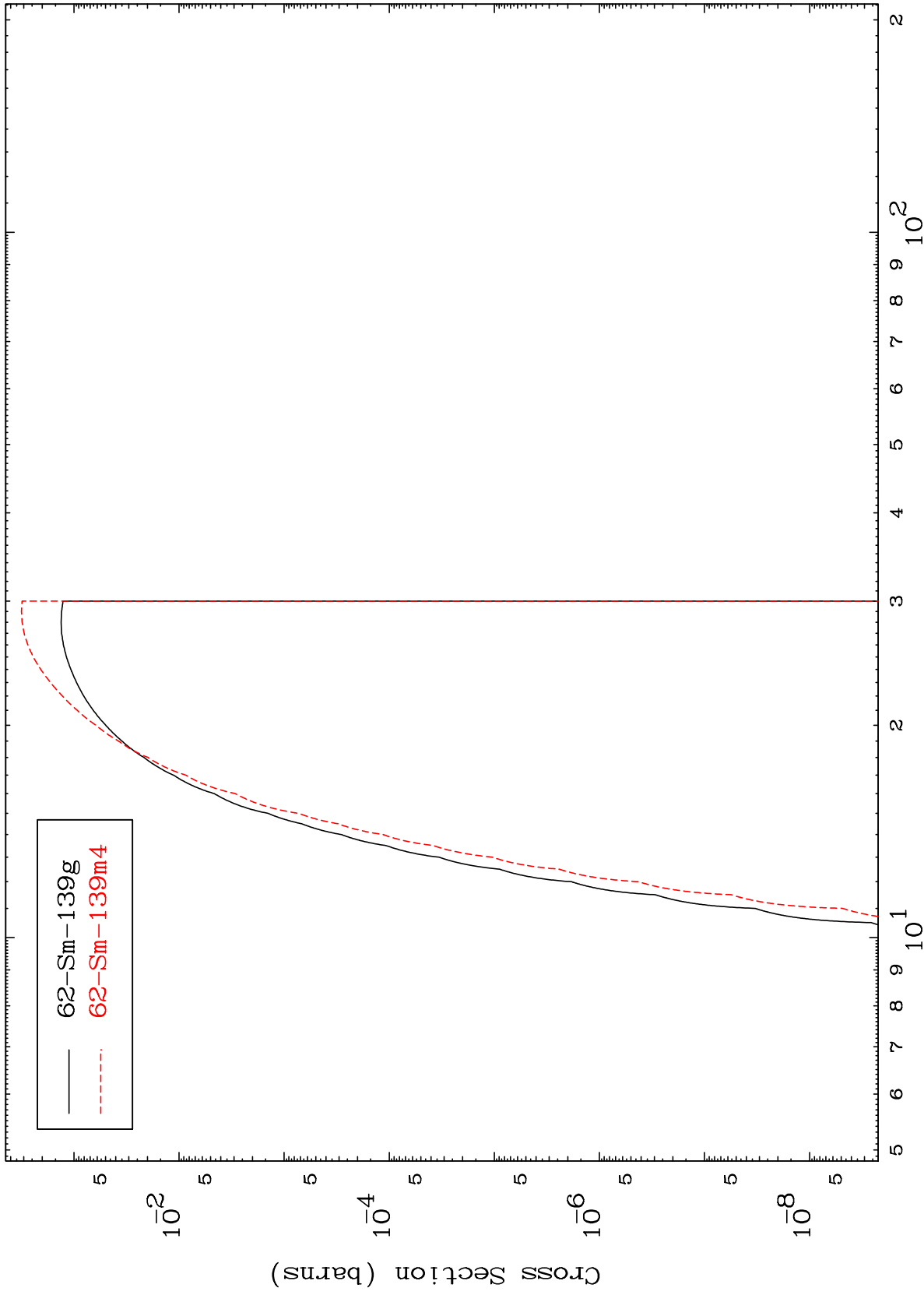


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(n,2n) p

64-Gd-141

Radionuclide Production Cross Section



22

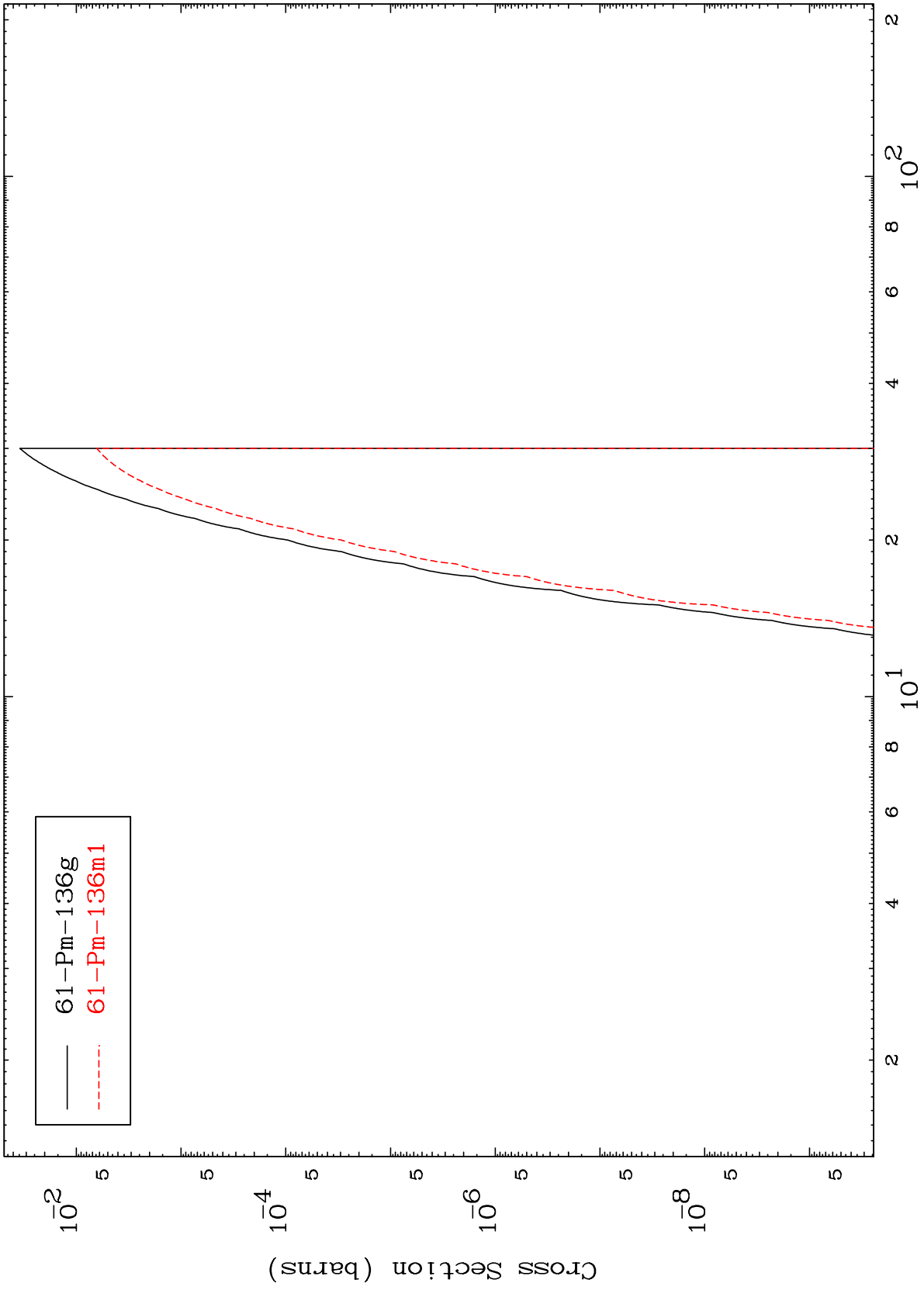
Incident Energy (MeV)

64-Gd-141

MAT 6393

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

64-Gd-141



23

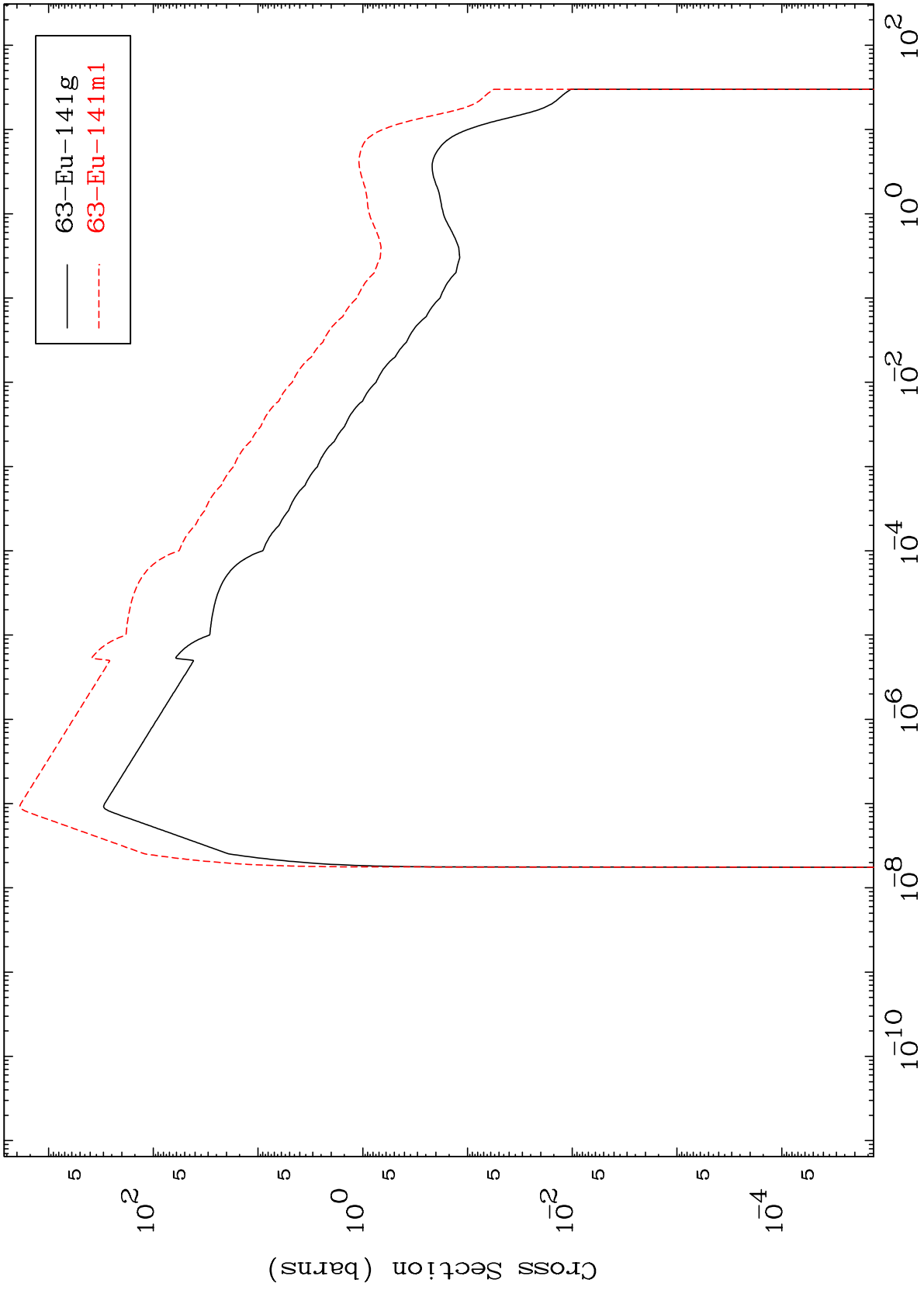
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(n,p)
Radionuclide Production Cross Section



24

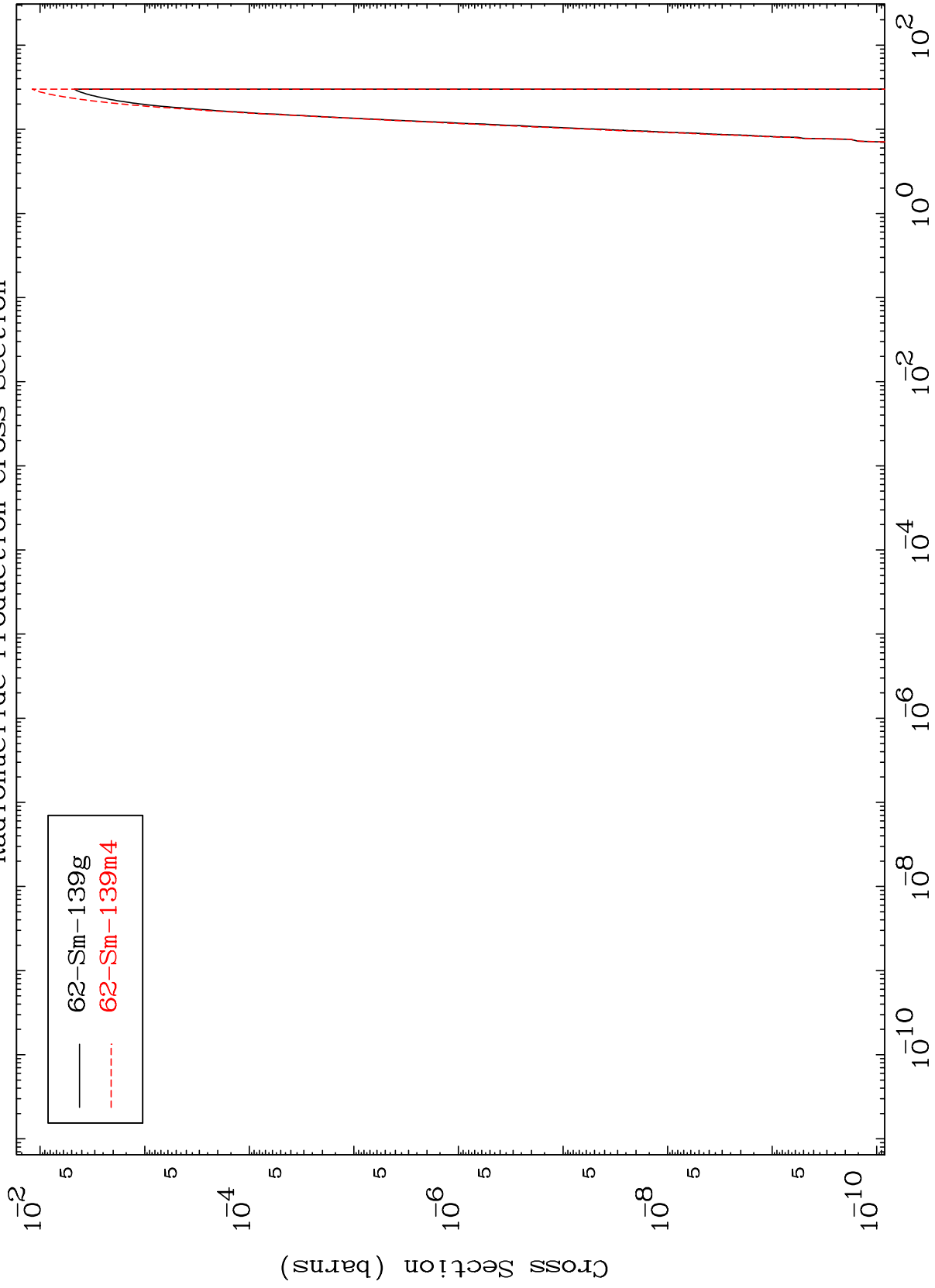
64-Gd-141

MAT 6393

(n, He-3)

64-Gd-141

Radionuclide Production Cross Section



25

Incident Energy (MeV)

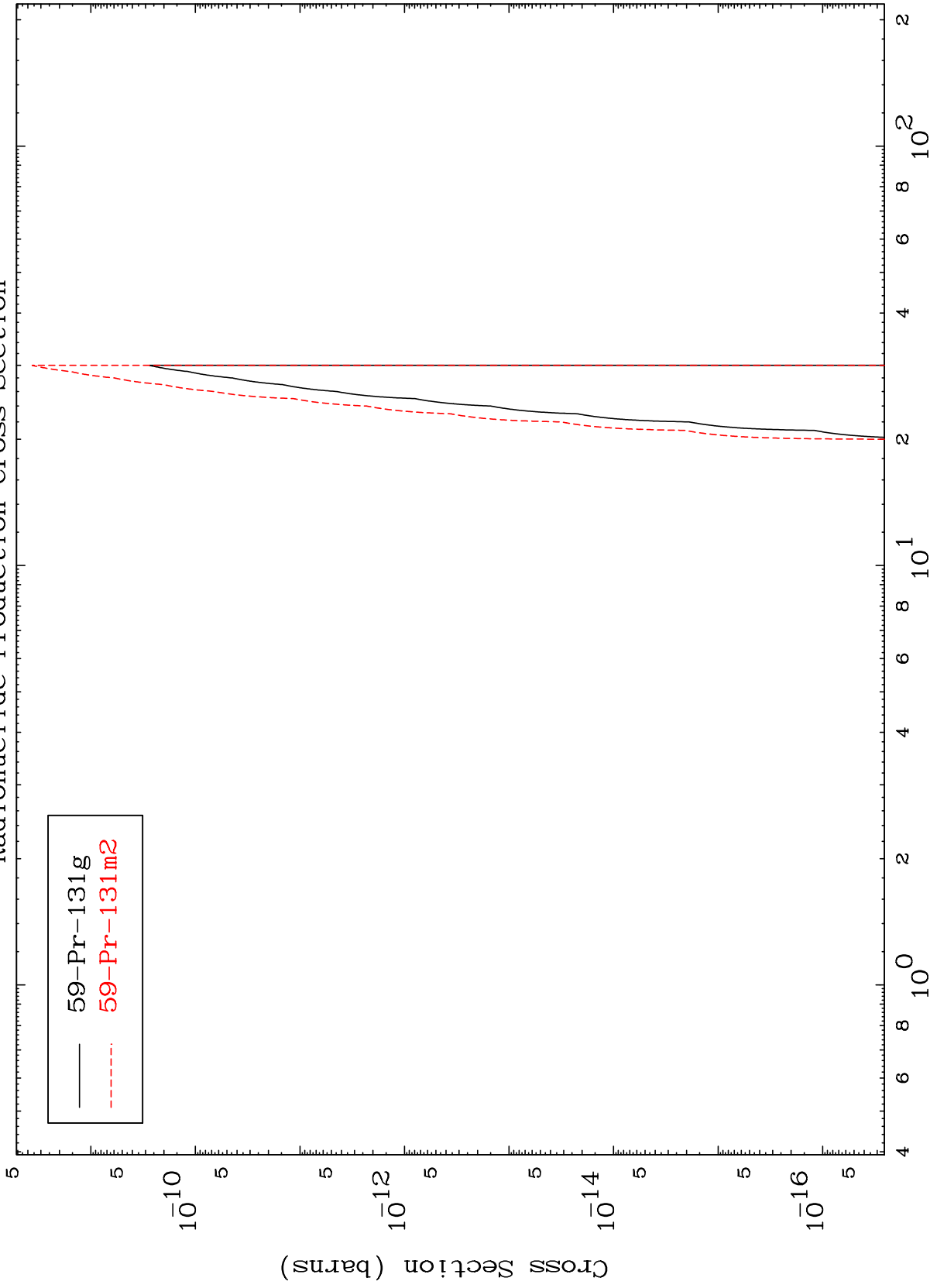
64-Gd-141

MAT 6393

(n,t) 2α

64-Gd-141

Radionuclide Production Cross Section



26

Incident Energy (MeV)

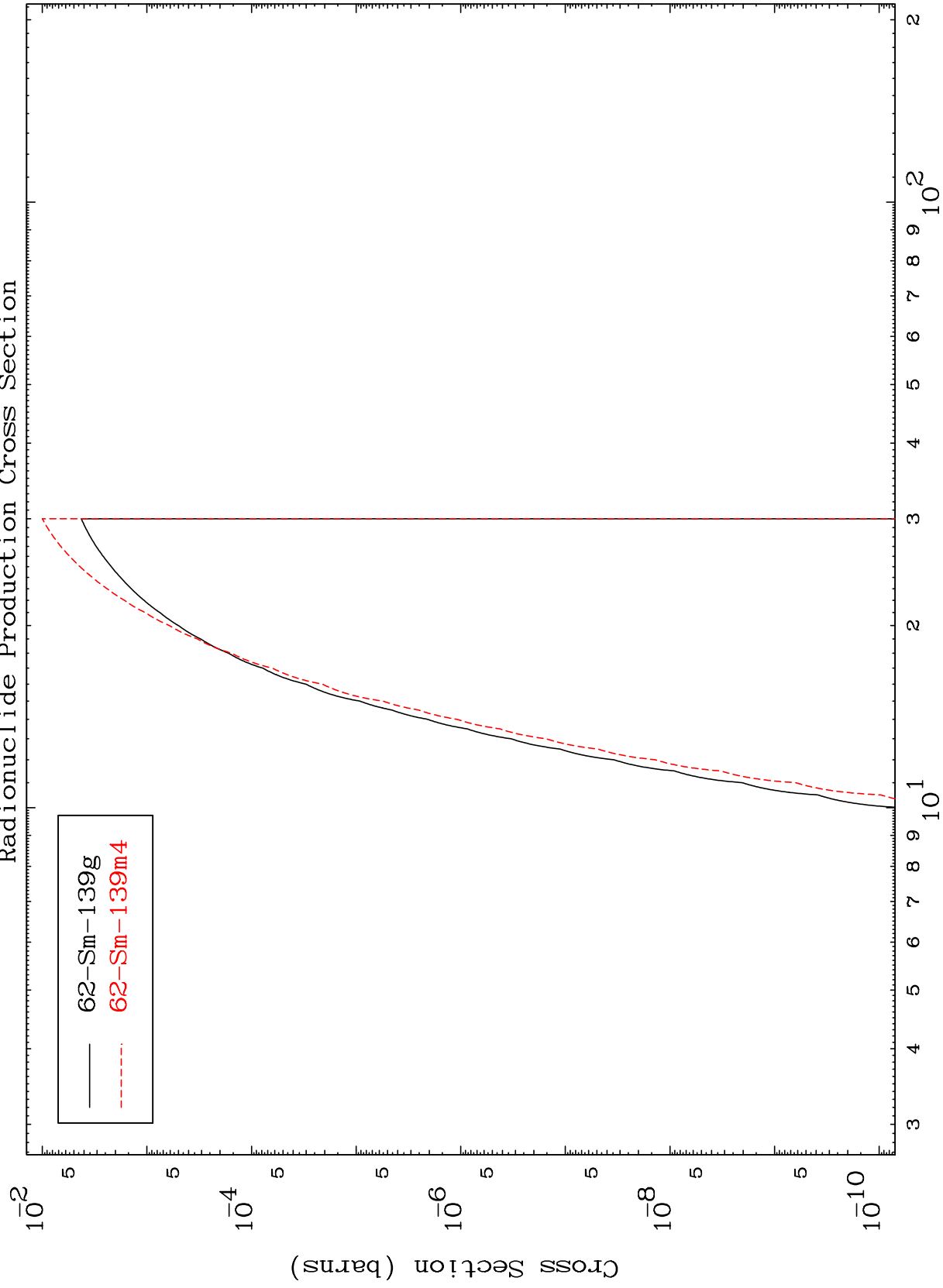
64-Gd-141

MAT 6393

(n,p) d

64-Gd-141

Radionuclide Production Cross Section



27

Incident Energy (MeV)

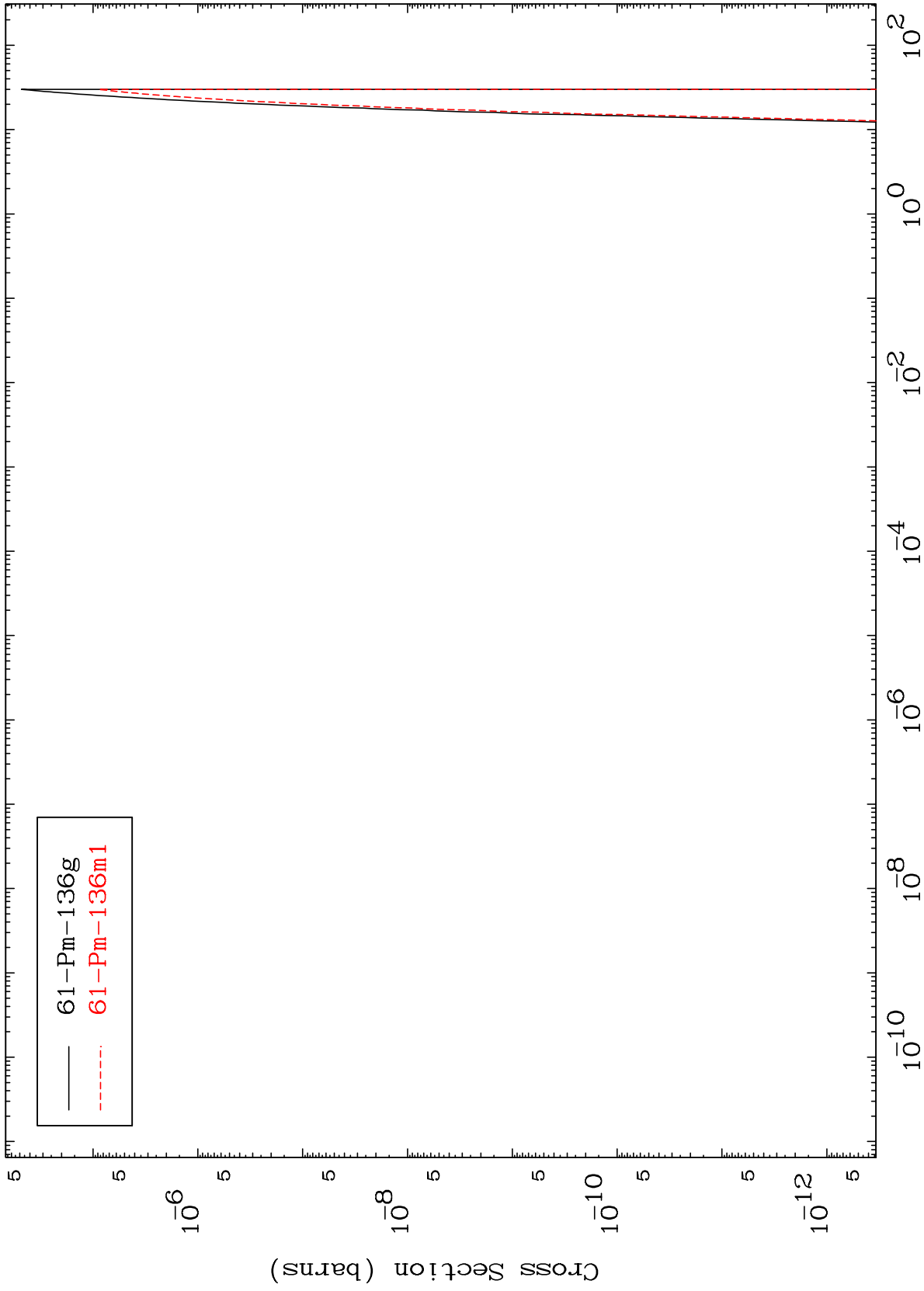
64-Gd-141

MAT 6393

(n,d) α

$^{64}\text{Gd}-141$

Radionuclide Production Cross Section



28

Incident Energy (MeV)

$^{64}\text{Gd}-141$