

Program EVALPLOT
(Version 2018-1)

by

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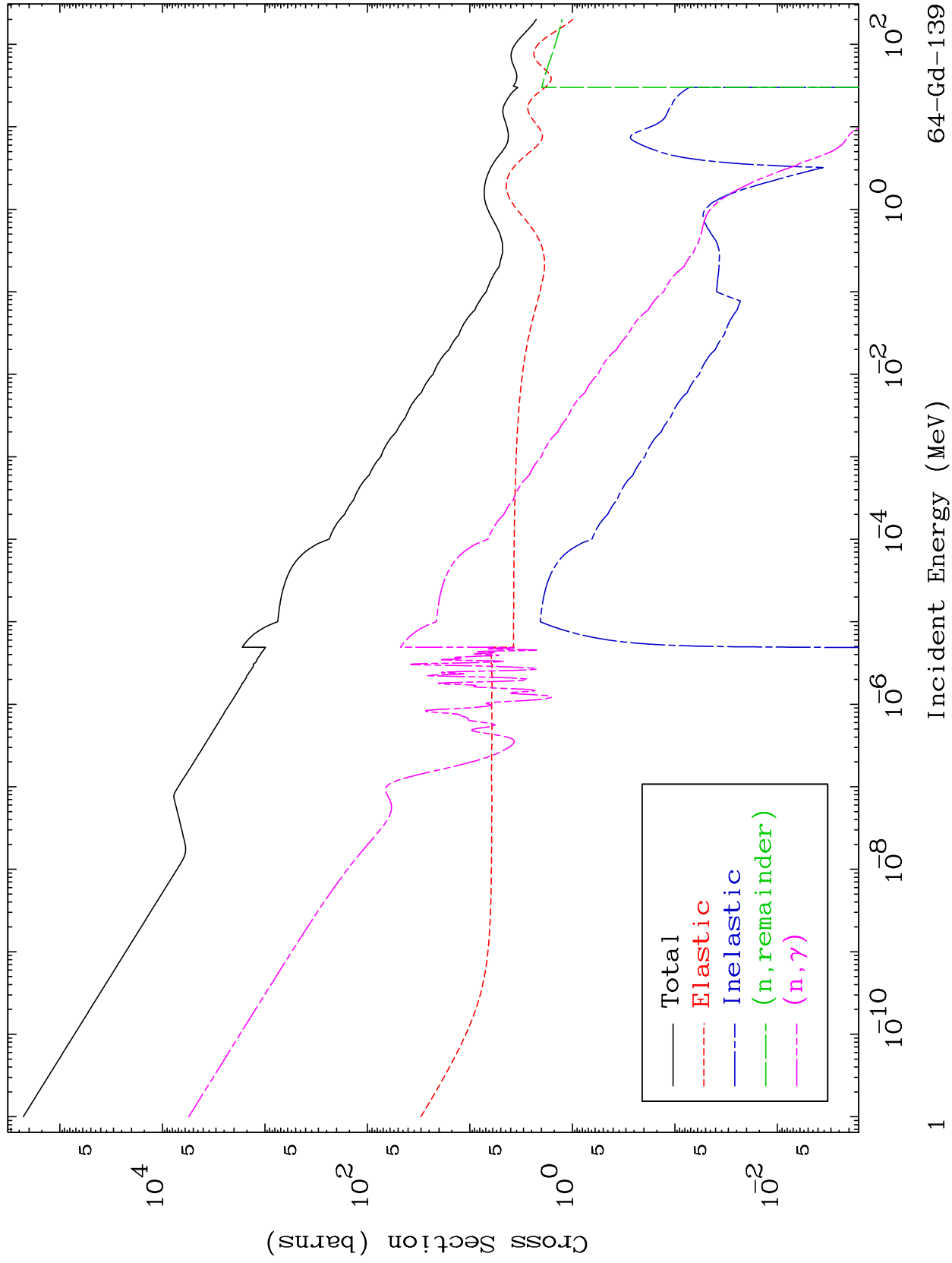
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6387

Major
293 Kelvin Cross Sections

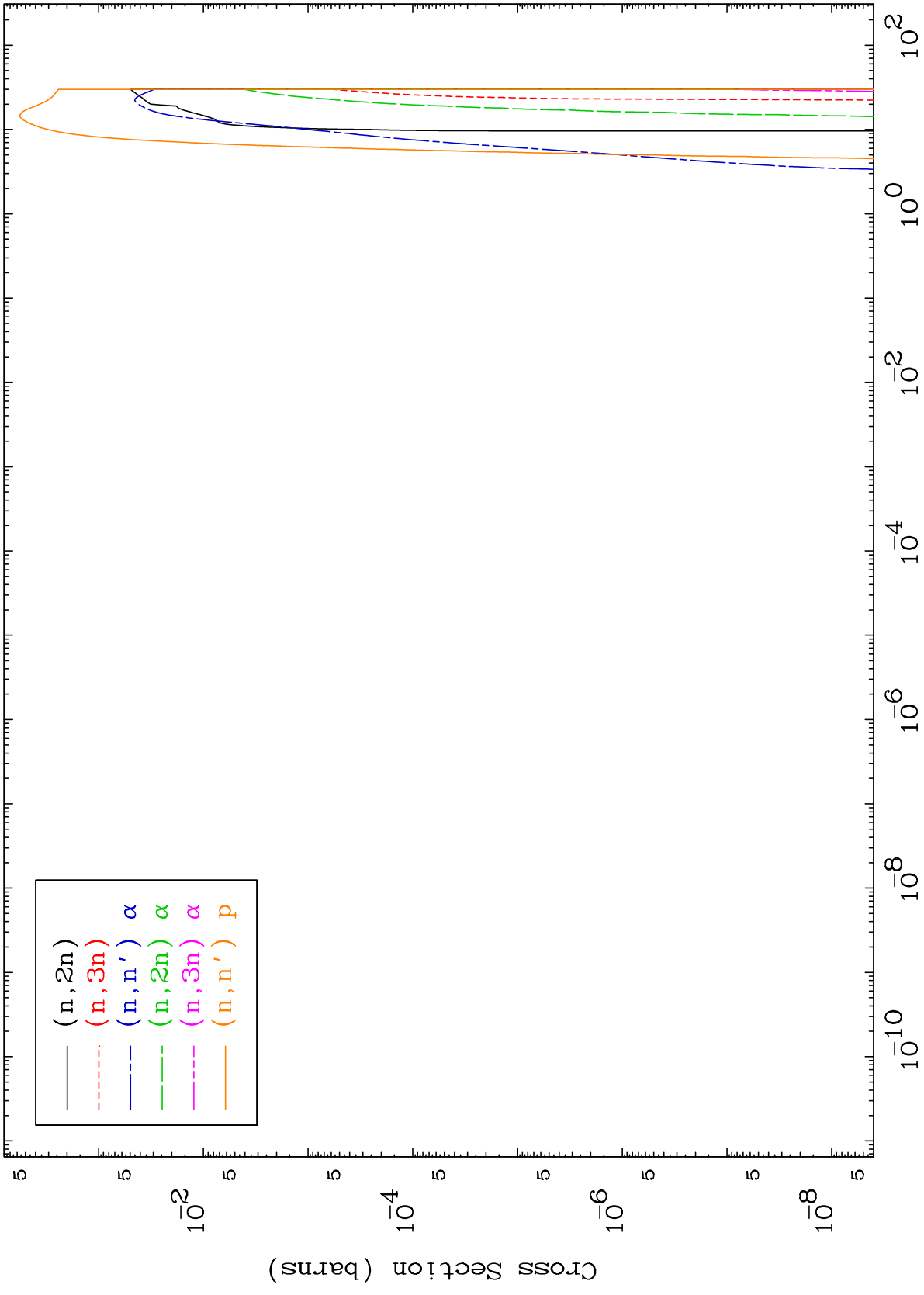
64-Gd-139



MAT 6387

Neutron Production
293 Kelvin Cross Sections

64-Gd-139

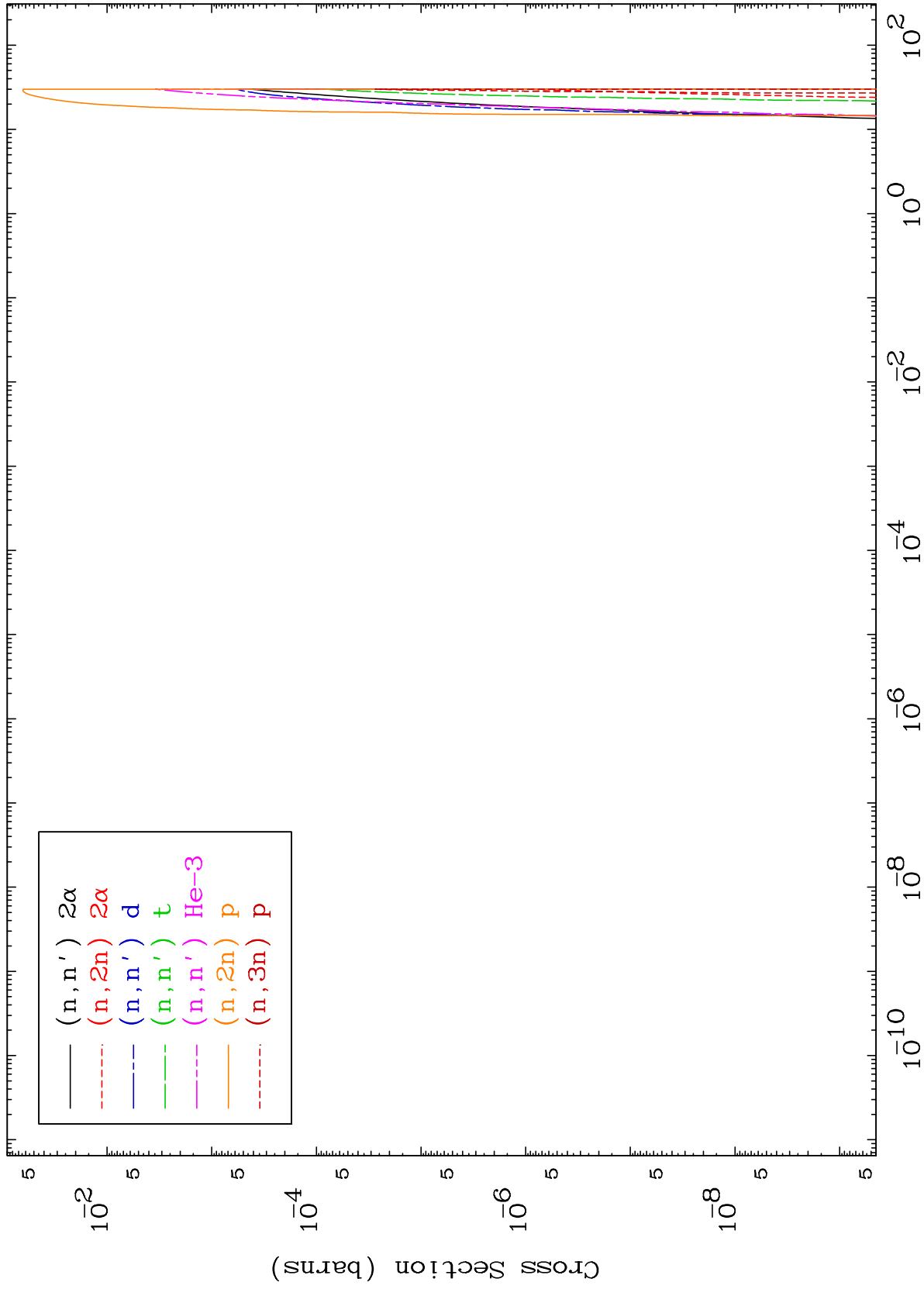


64-Gd-139

MAT 6387

Neutron Production
293 Kelvin Cross Sections

64-Gd-139

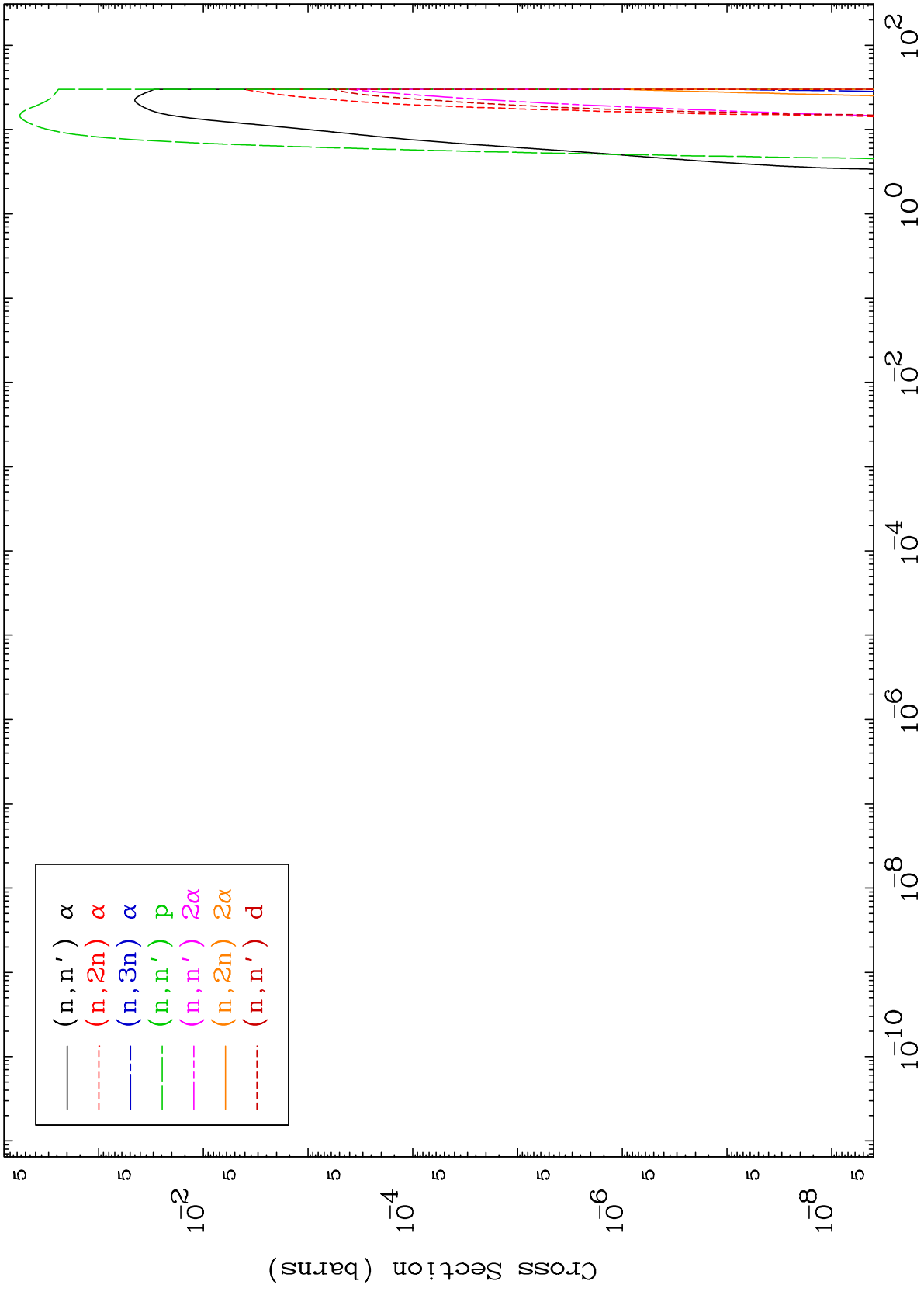


64-Gd-139

MAT 6387

293 Charged Particle
Kelvin Cross Sections

64-Gd-139

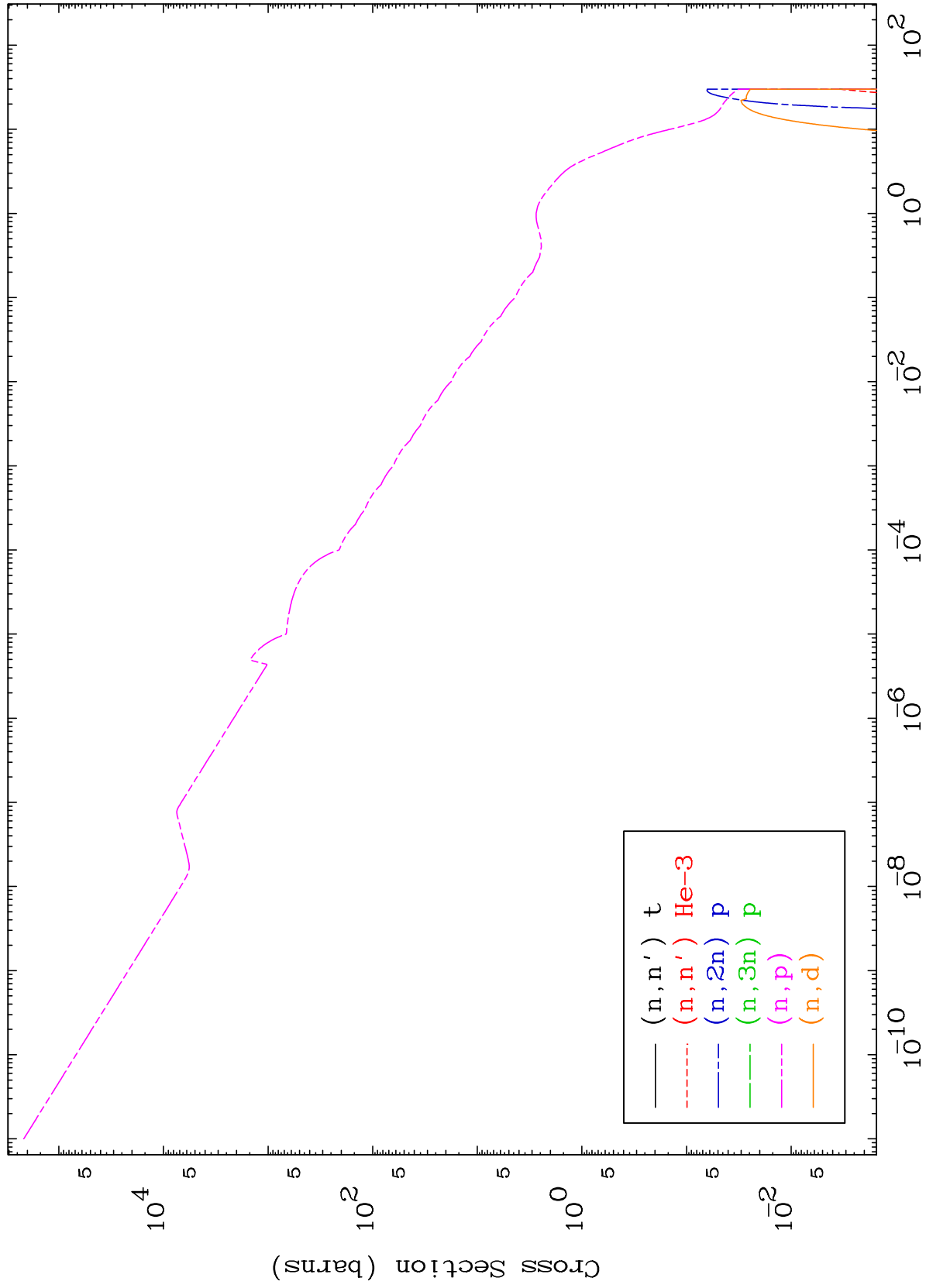


64-Gd-139

MAT 6387

293 Kelvin Cross Sections

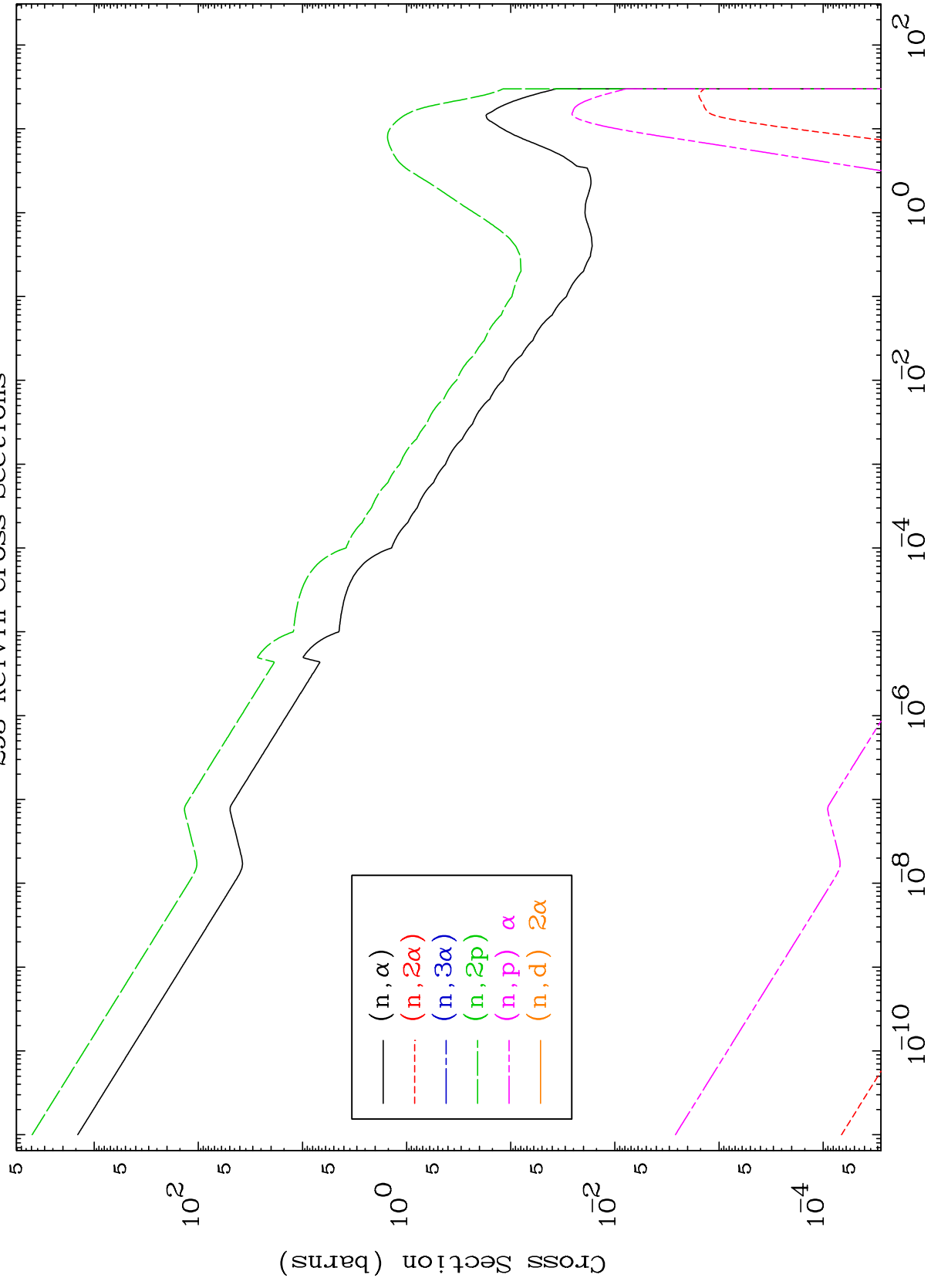
64-Gd-139



MAT 6387

Charged Particle
293 Kelvin Cross Sections

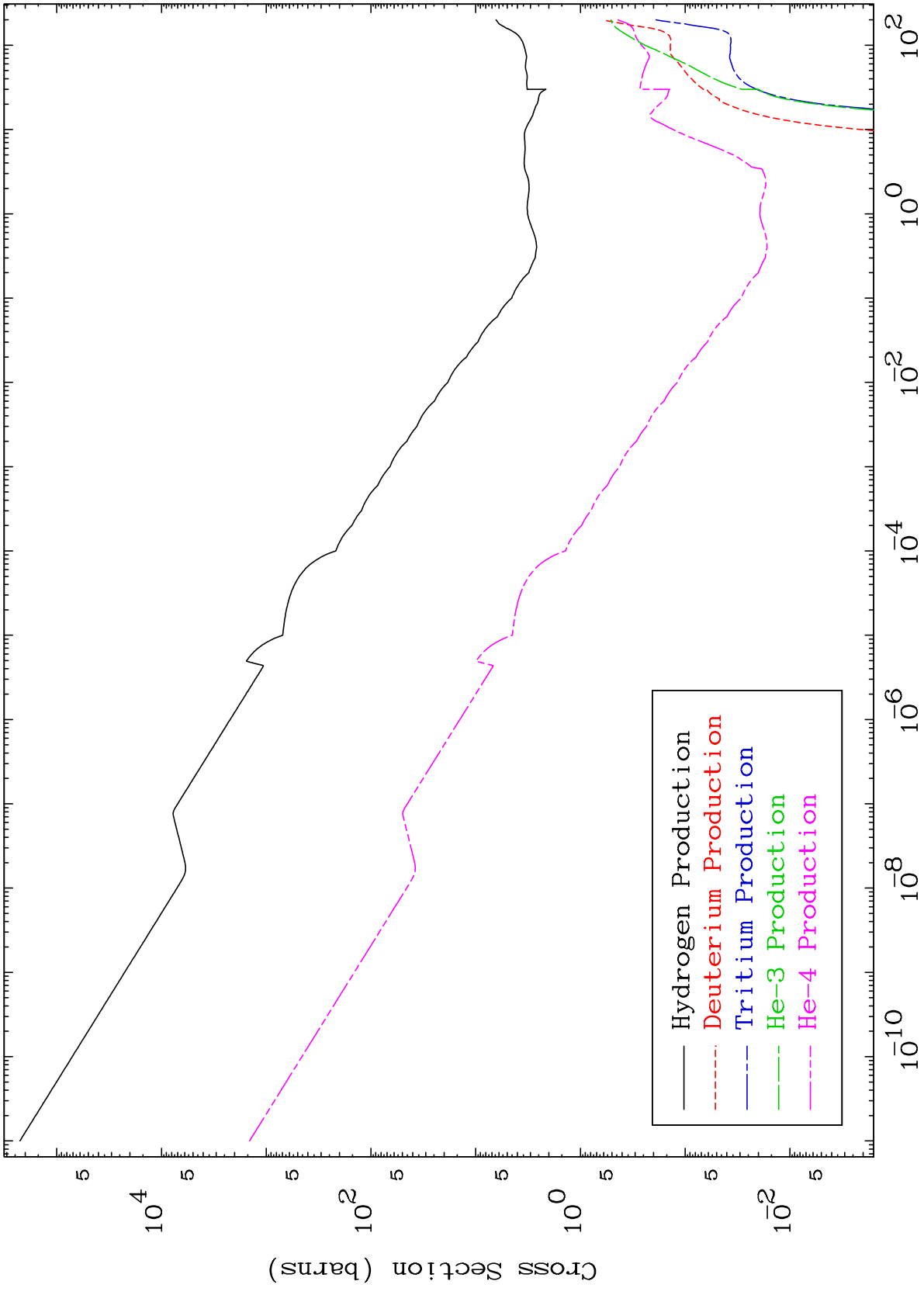
64-Gd-139



MAT 6387

Particle Production
293 Kelvin Cross Sections

64-Gd-139

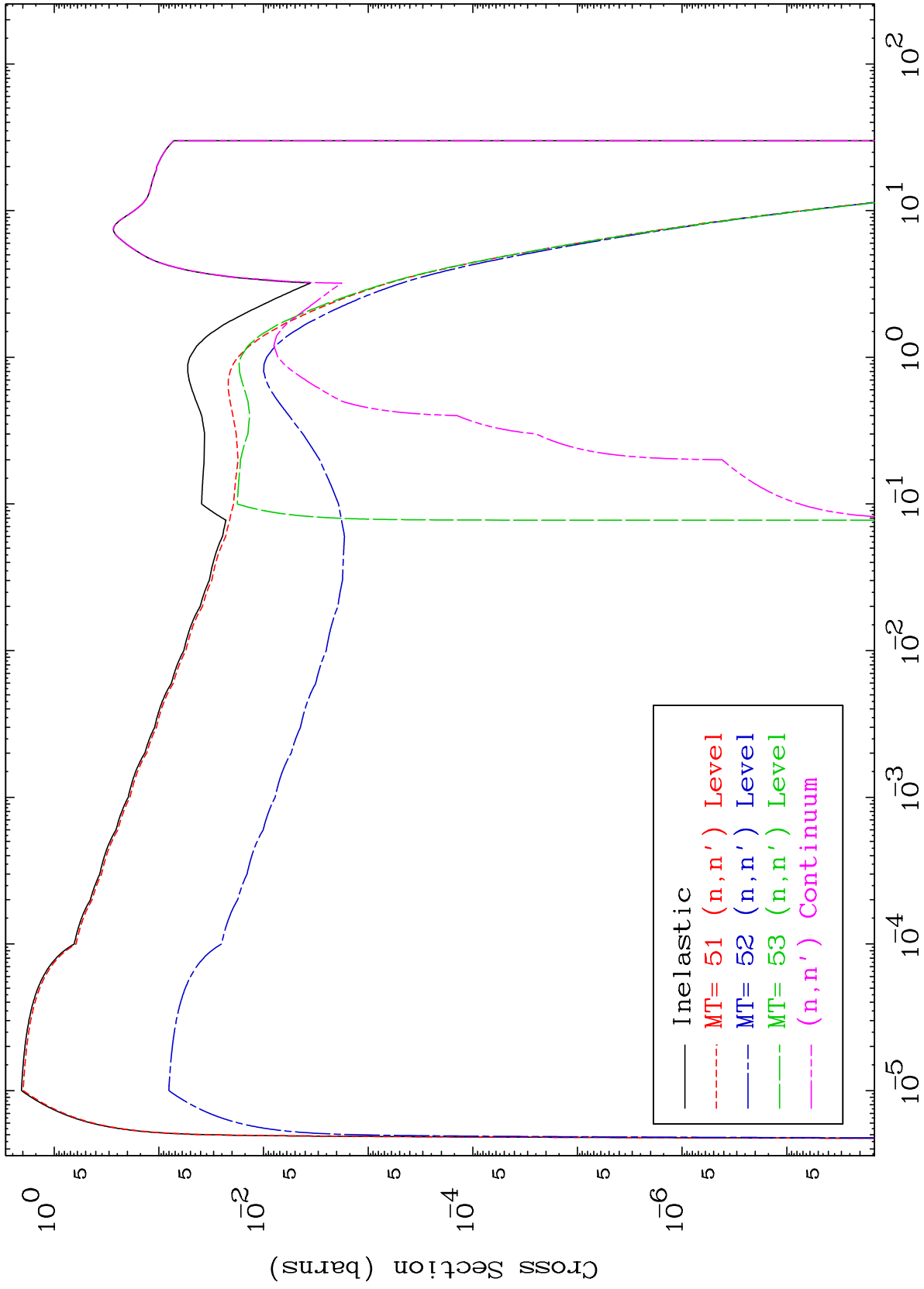


64-Gd-139

MAT 6387

(n,n') Level
293 Kelvin Cross Sections

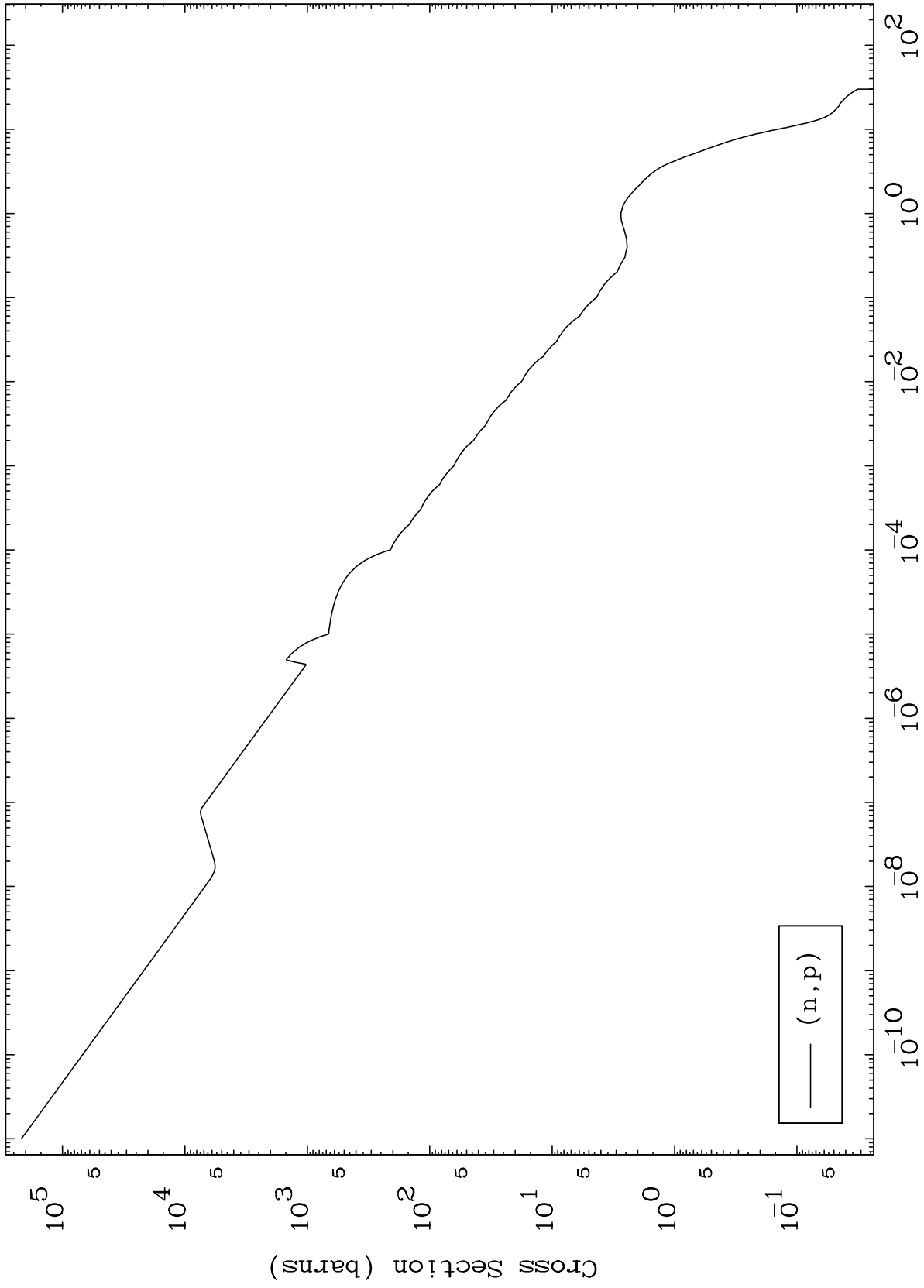
64-Gd-139



MAT 6387

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-139

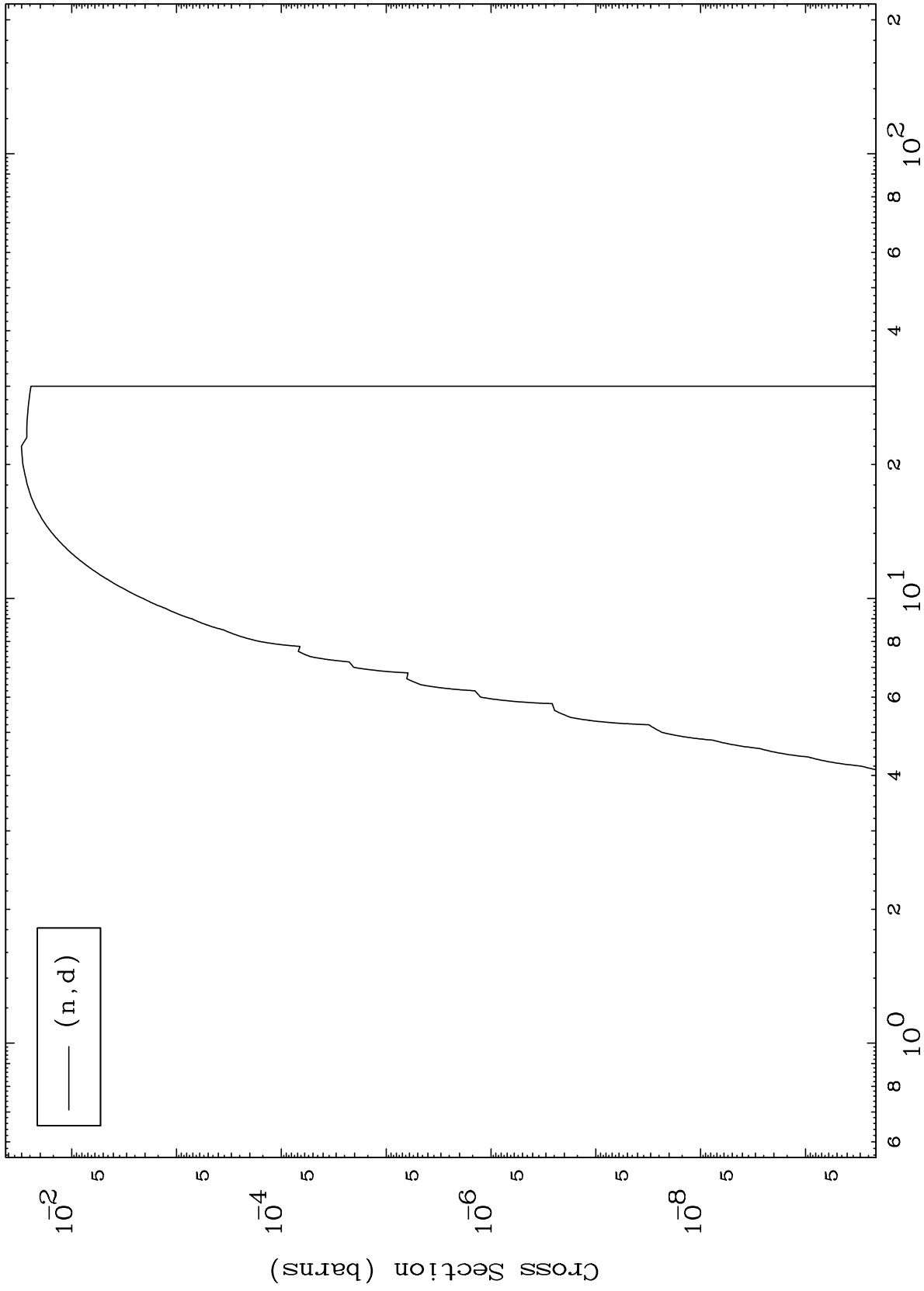


64-Gd-139

MAT 6387

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-139



10

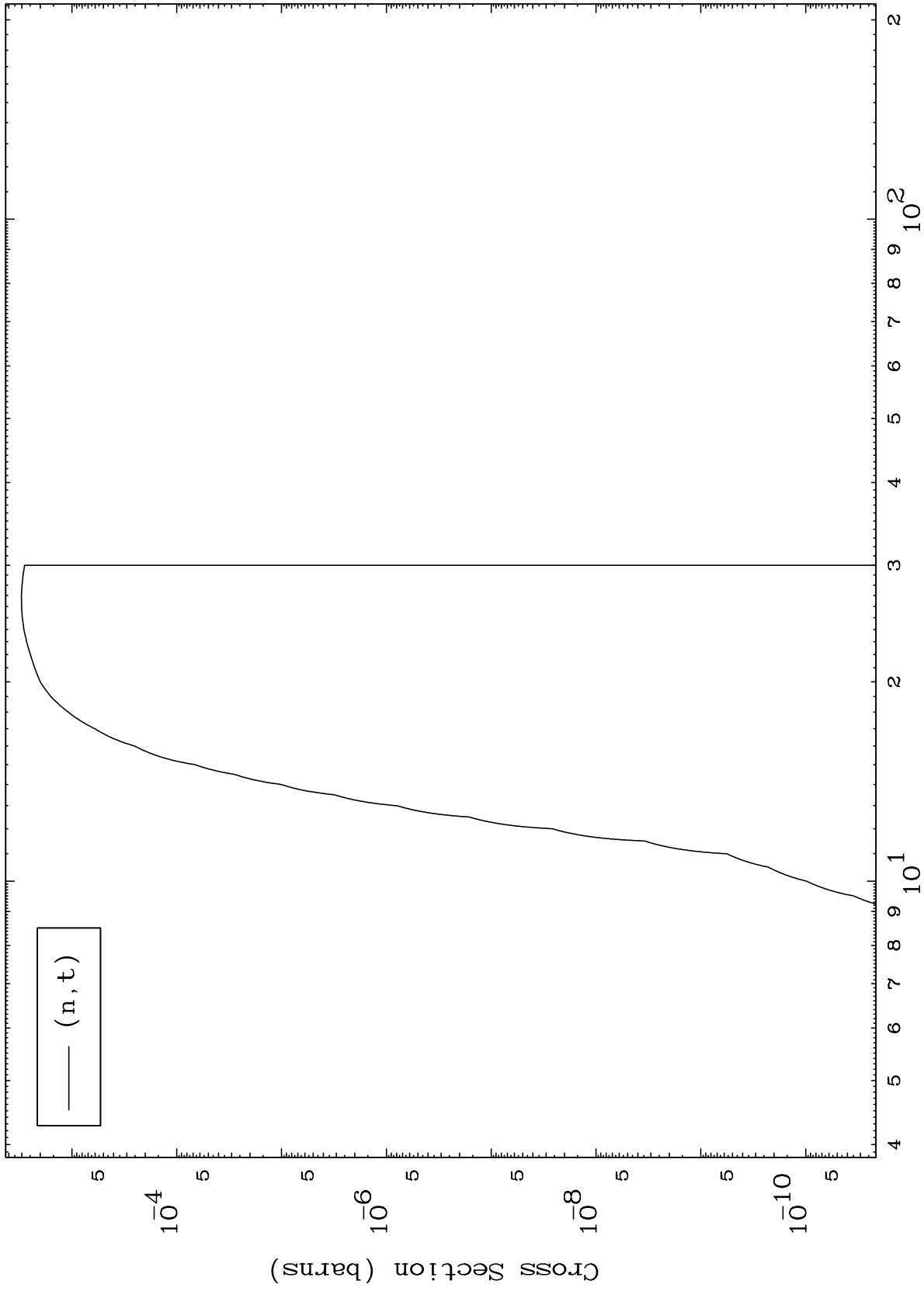
Incident Energy (MeV)

64-Gd-139

MAT 6387

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-139



11

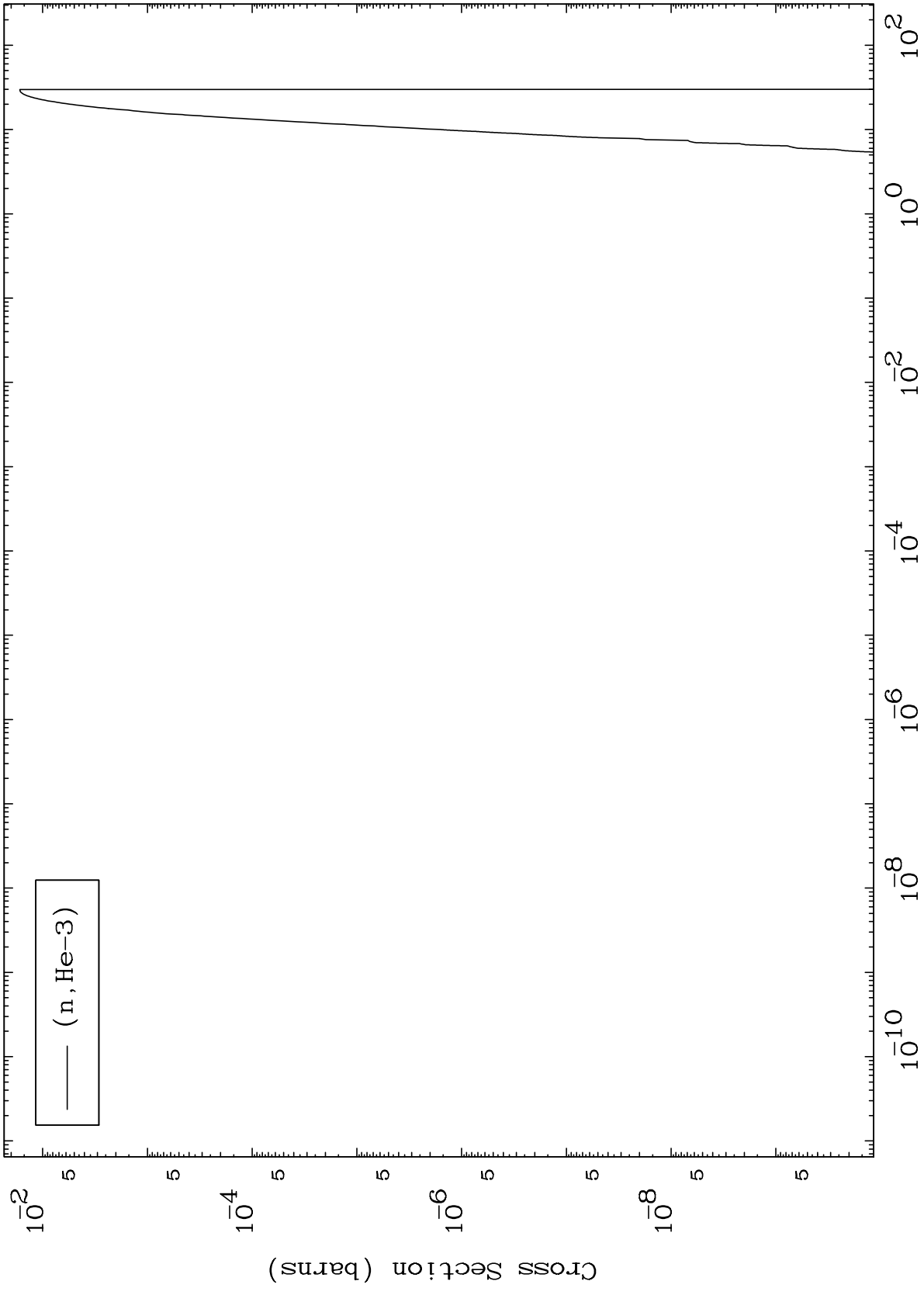
Incident Energy (MeV)

64-Gd-139

MAT 6387

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-139



12

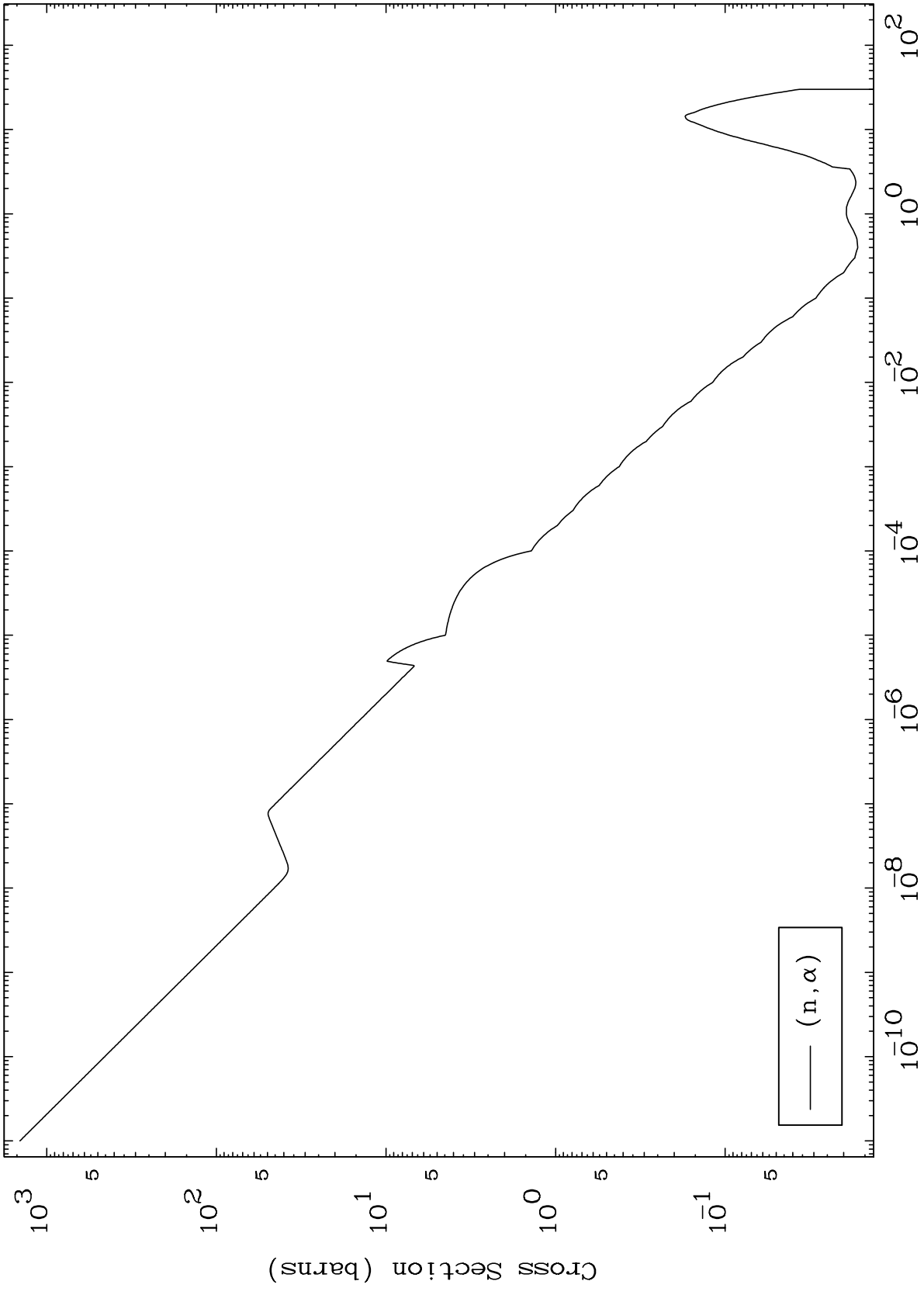
Incident Energy (MeV)

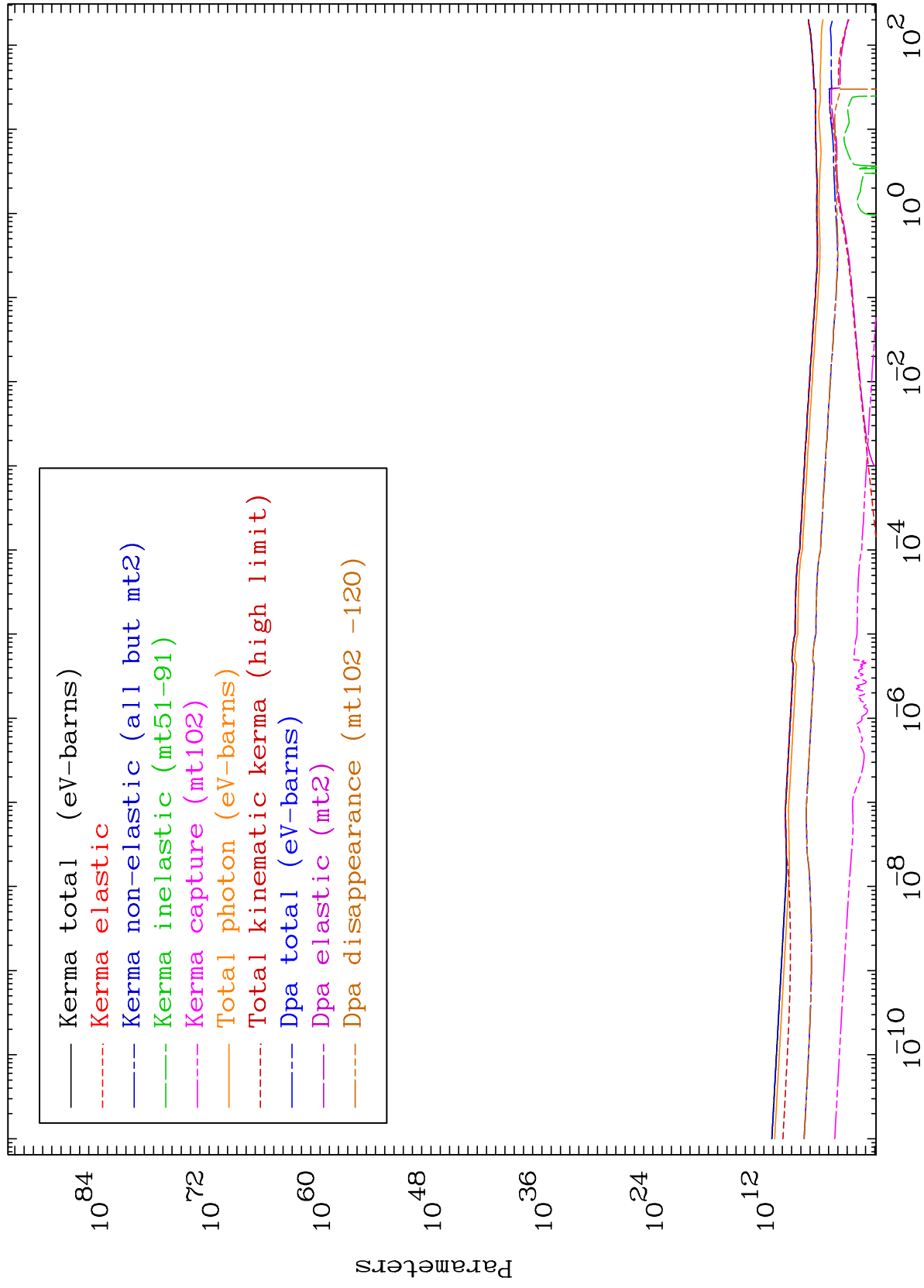
64-Gd-139

MAT 6387

(n,α) Levels
293 Kelvin Cross Sections

64-Gd-139

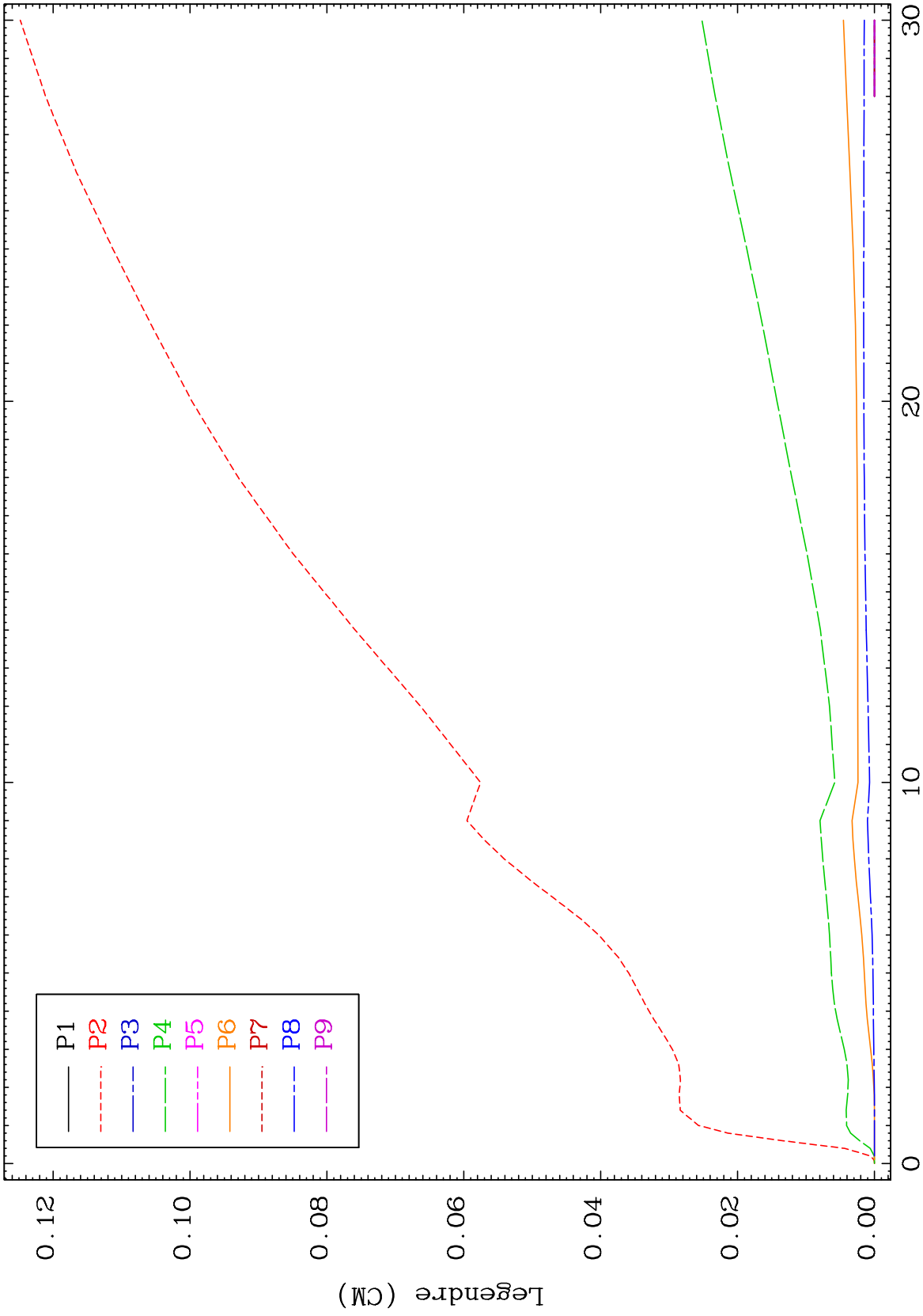




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Elastic Legendre Coefficients

64-Gd-139



64-Gd-139

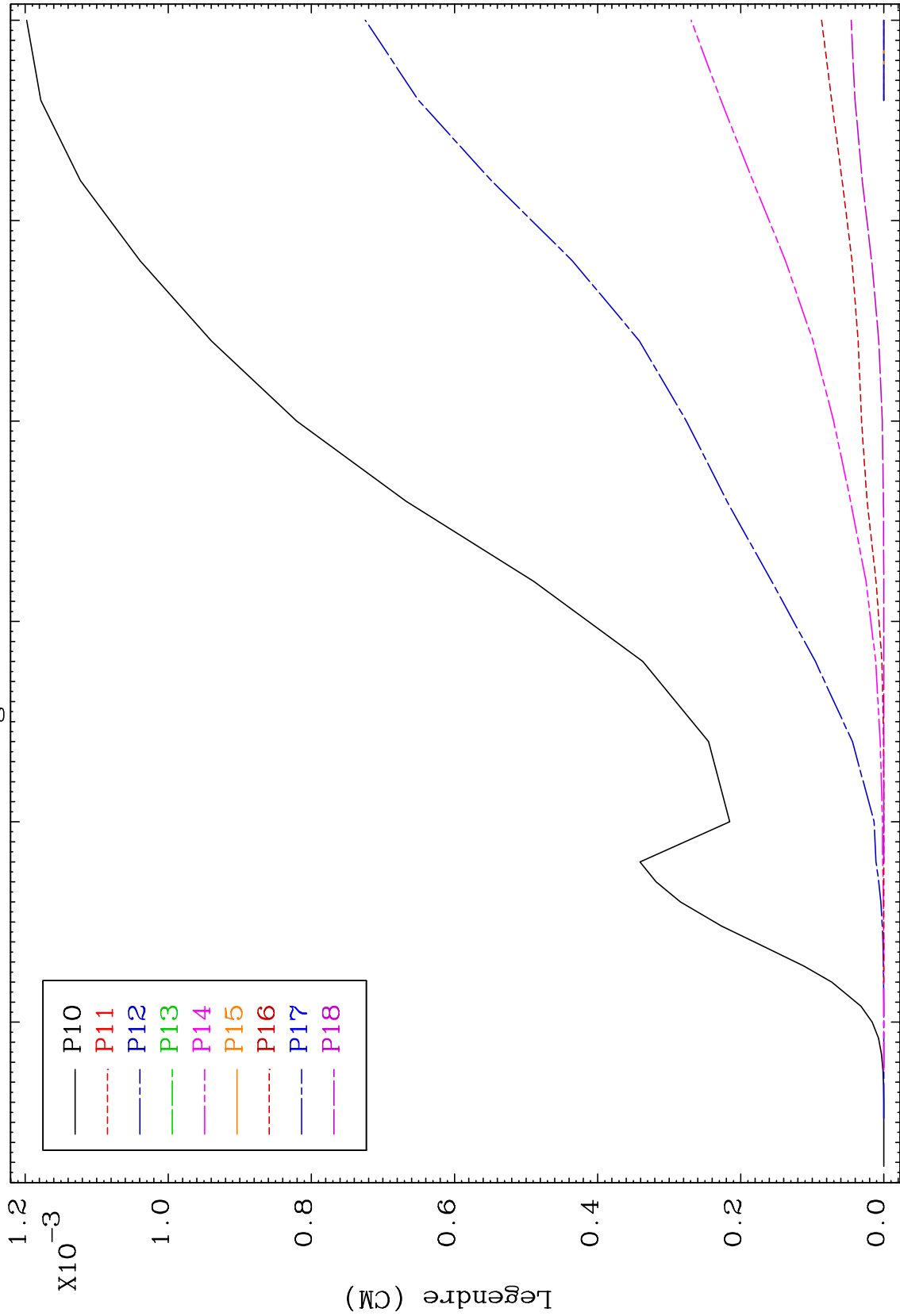
Incident Energy (MeV)

15

MAT 6387

Elastic Legendre Coefficients

64-Gd-139



16

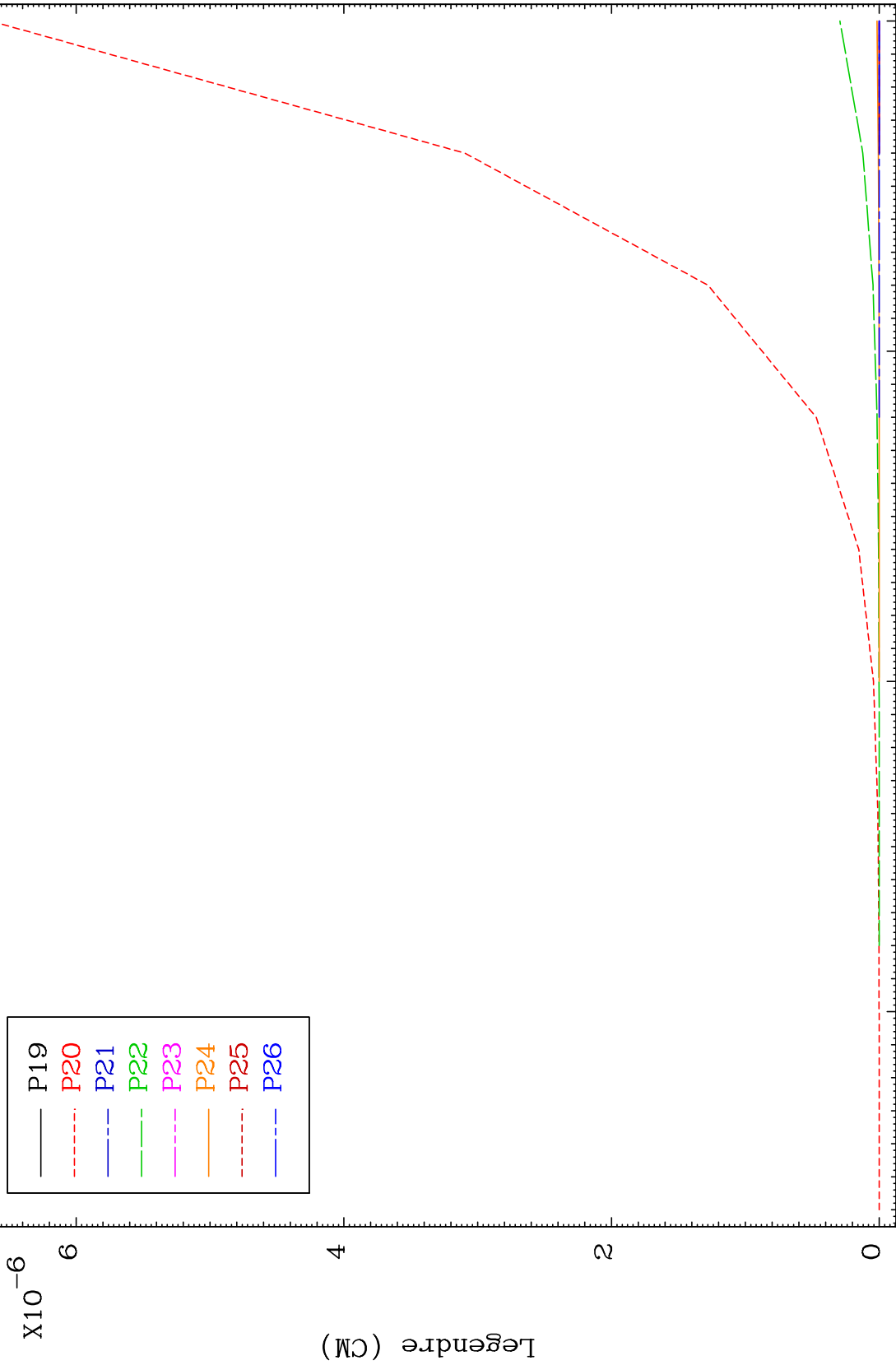
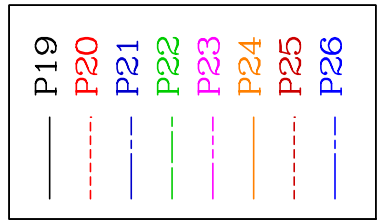
Incident Energy (MeV)

64-Gd-139

MAT 6387

Elastic Legendre Coefficients

64-Gd-139



17

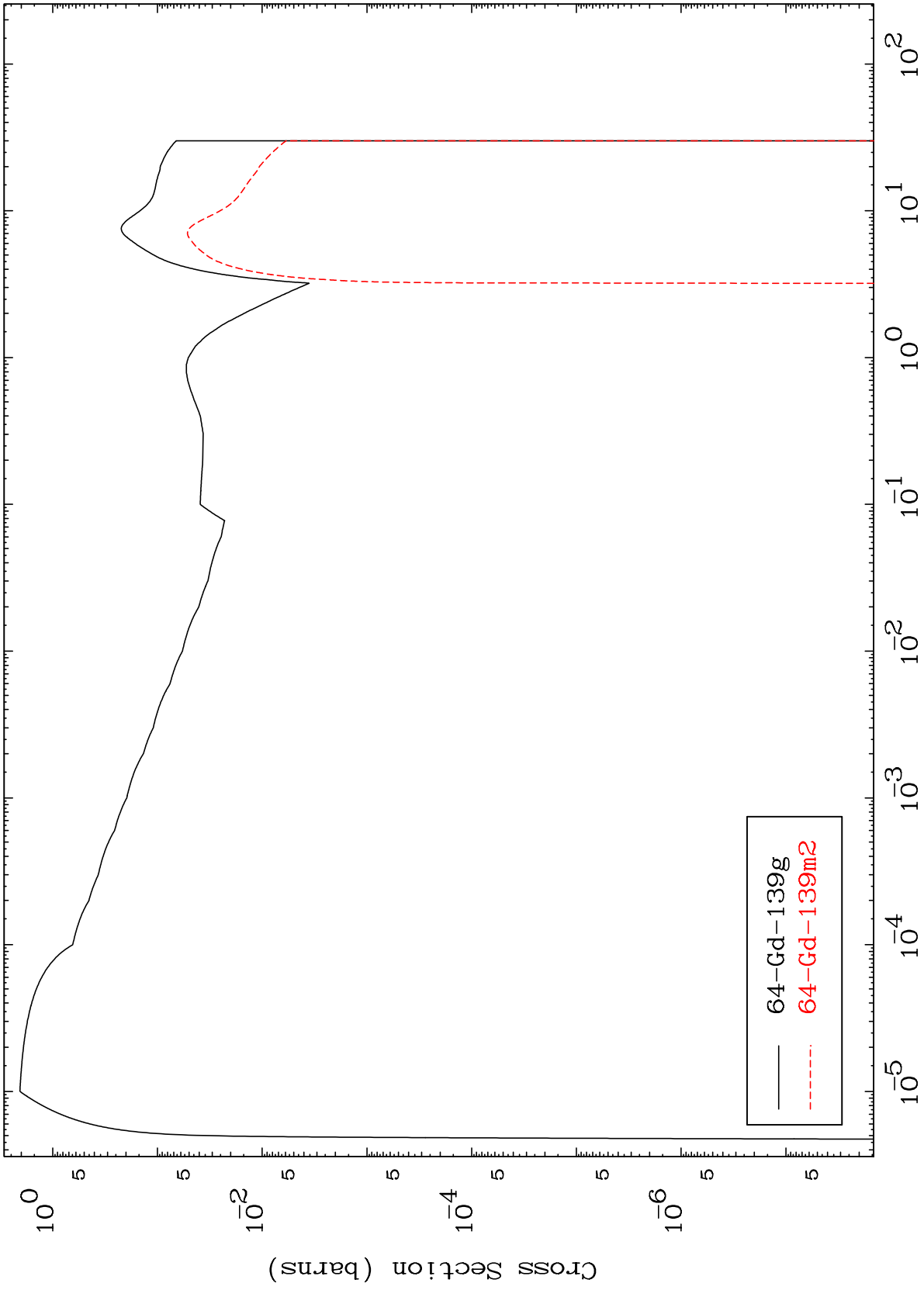
Incident Energy (MeV)

64-Gd-139

MAT 6387

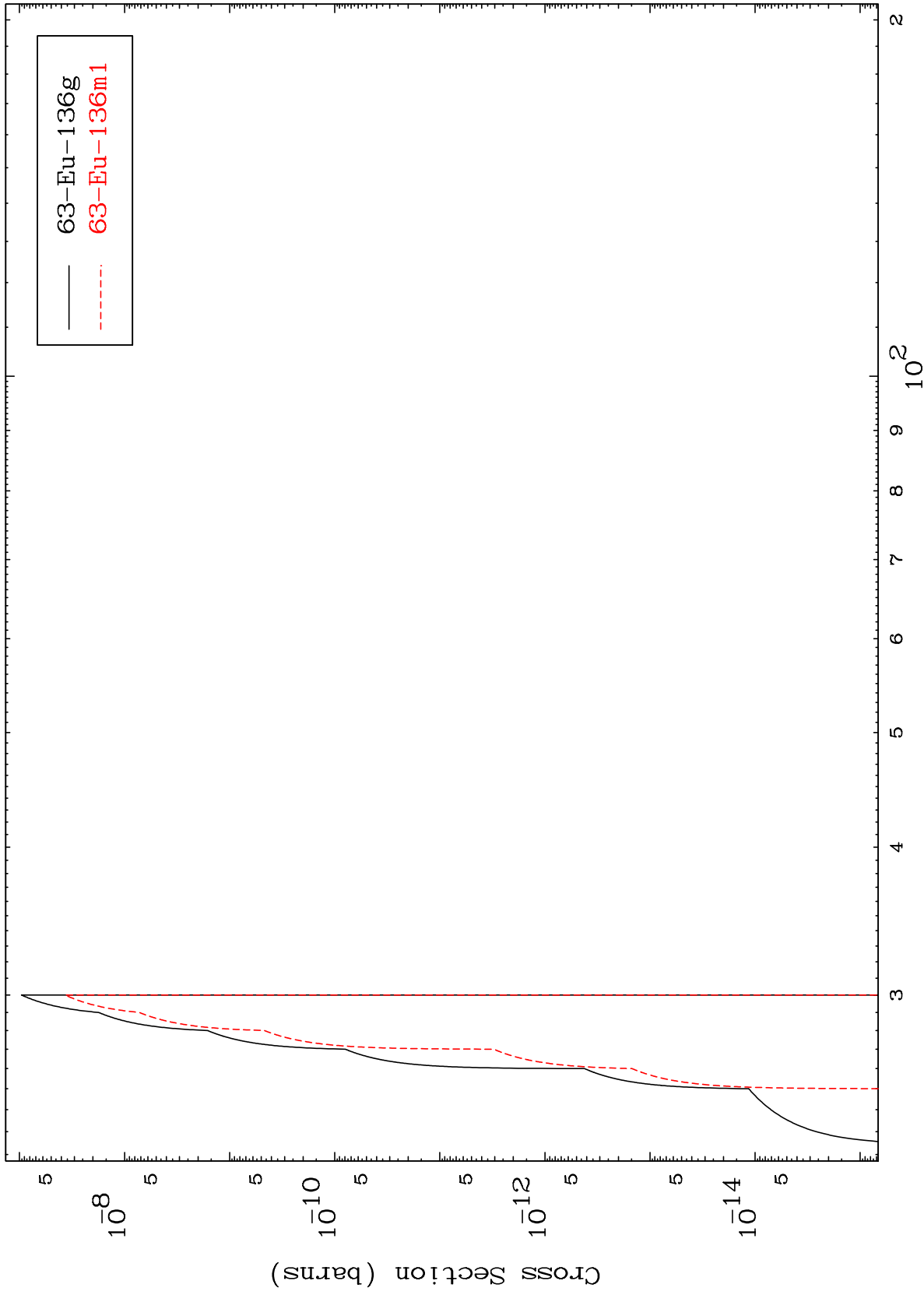
Inelastic
Radionuclide Production Cross Section

64-Gd-139



64-Gd-139

Radionuclide Production Cross Section

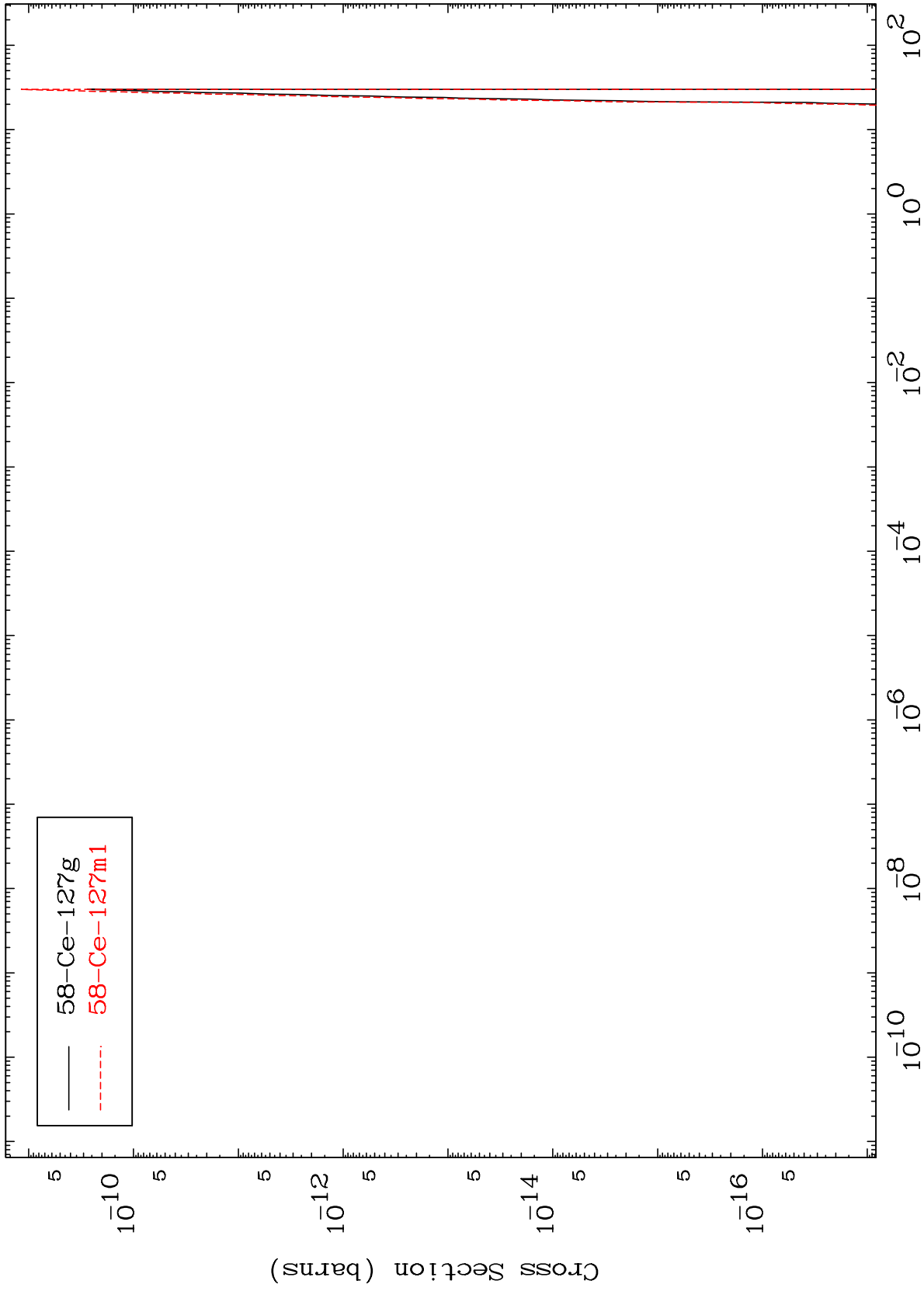


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(n,n') 3 α

64-Gd-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

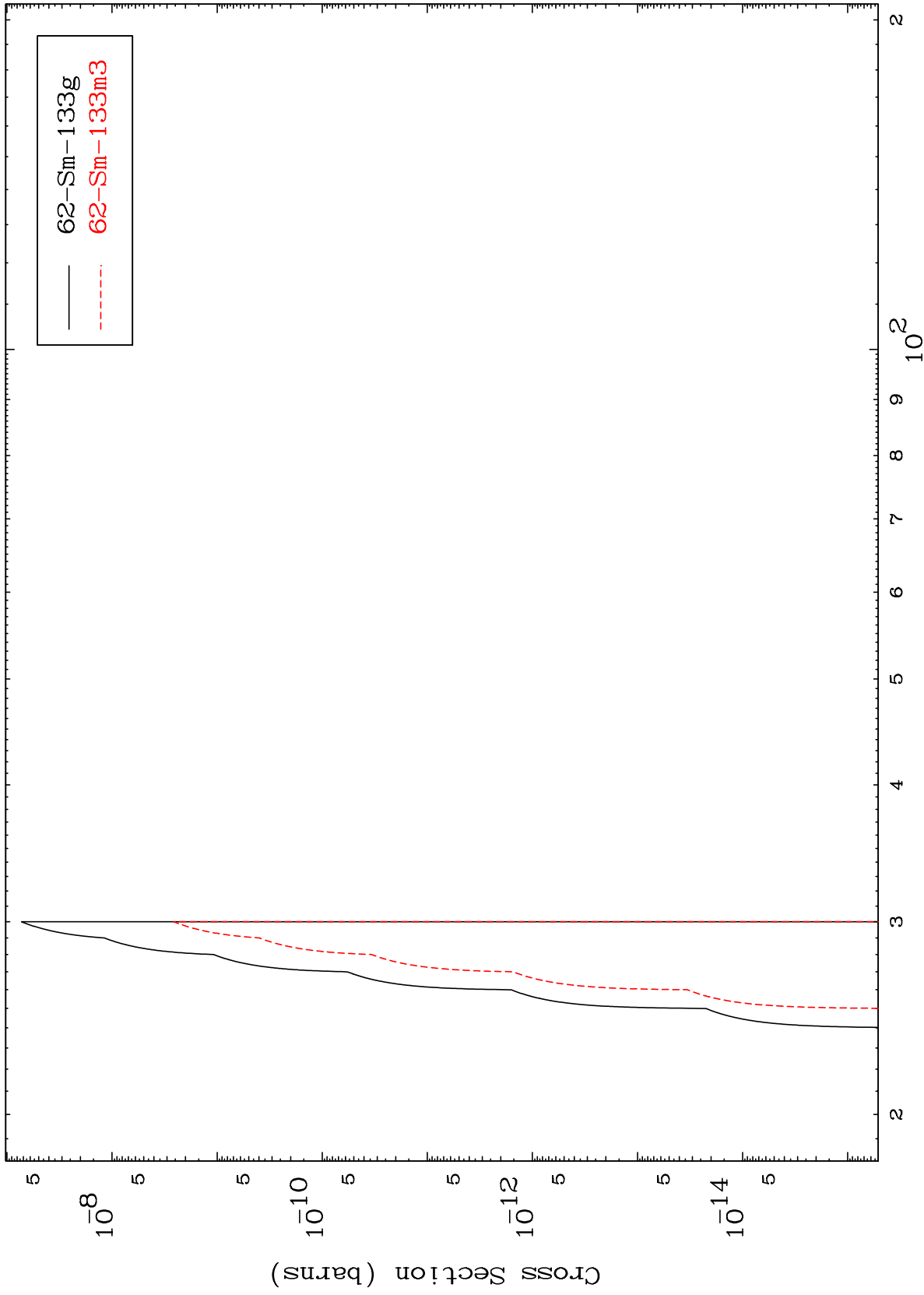
64-Gd-139

MAT 6387

(n,3n) α

64-Gd-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

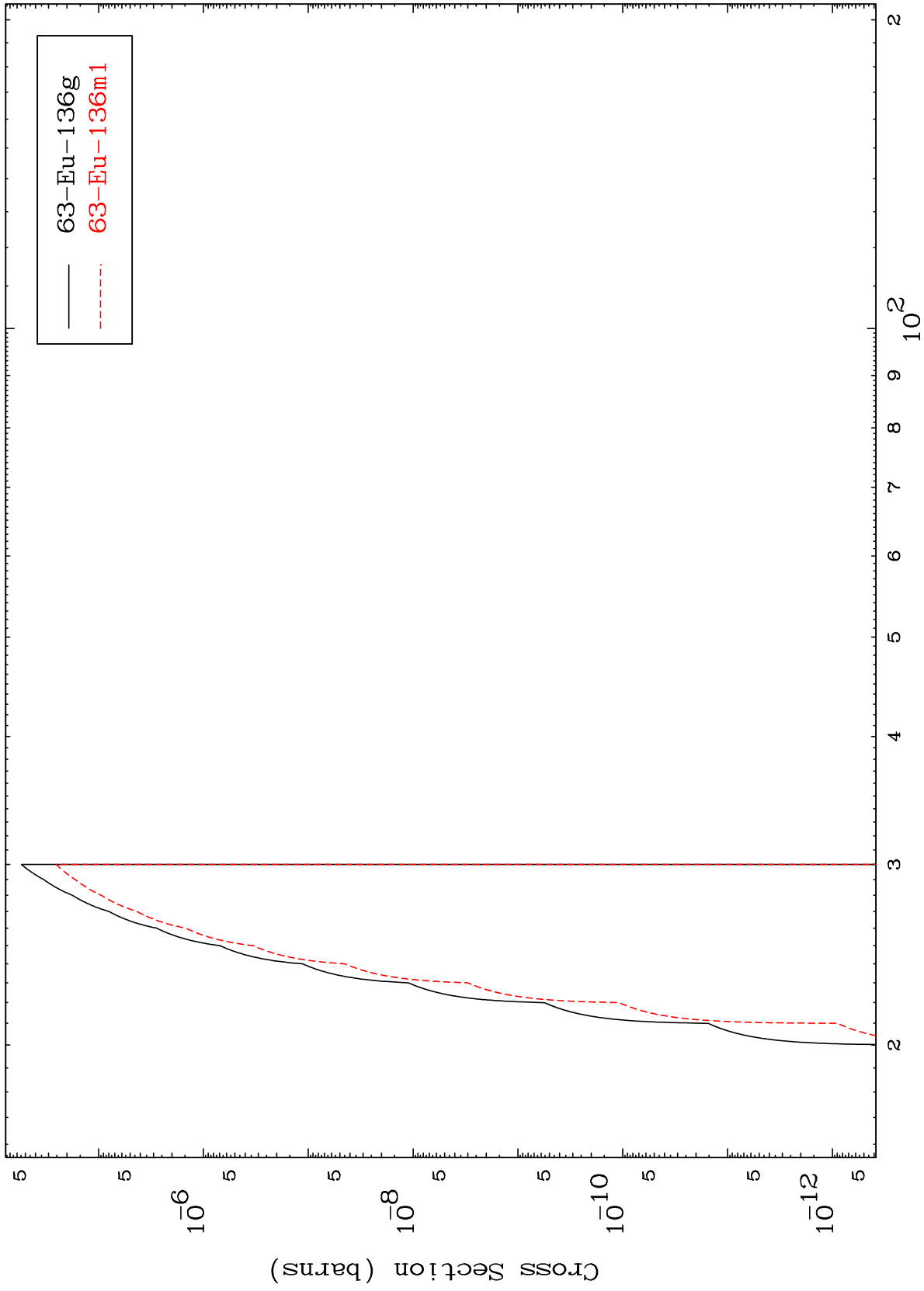
64-Gd-139

MAT 6387

(n,n') t

64-Gd-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

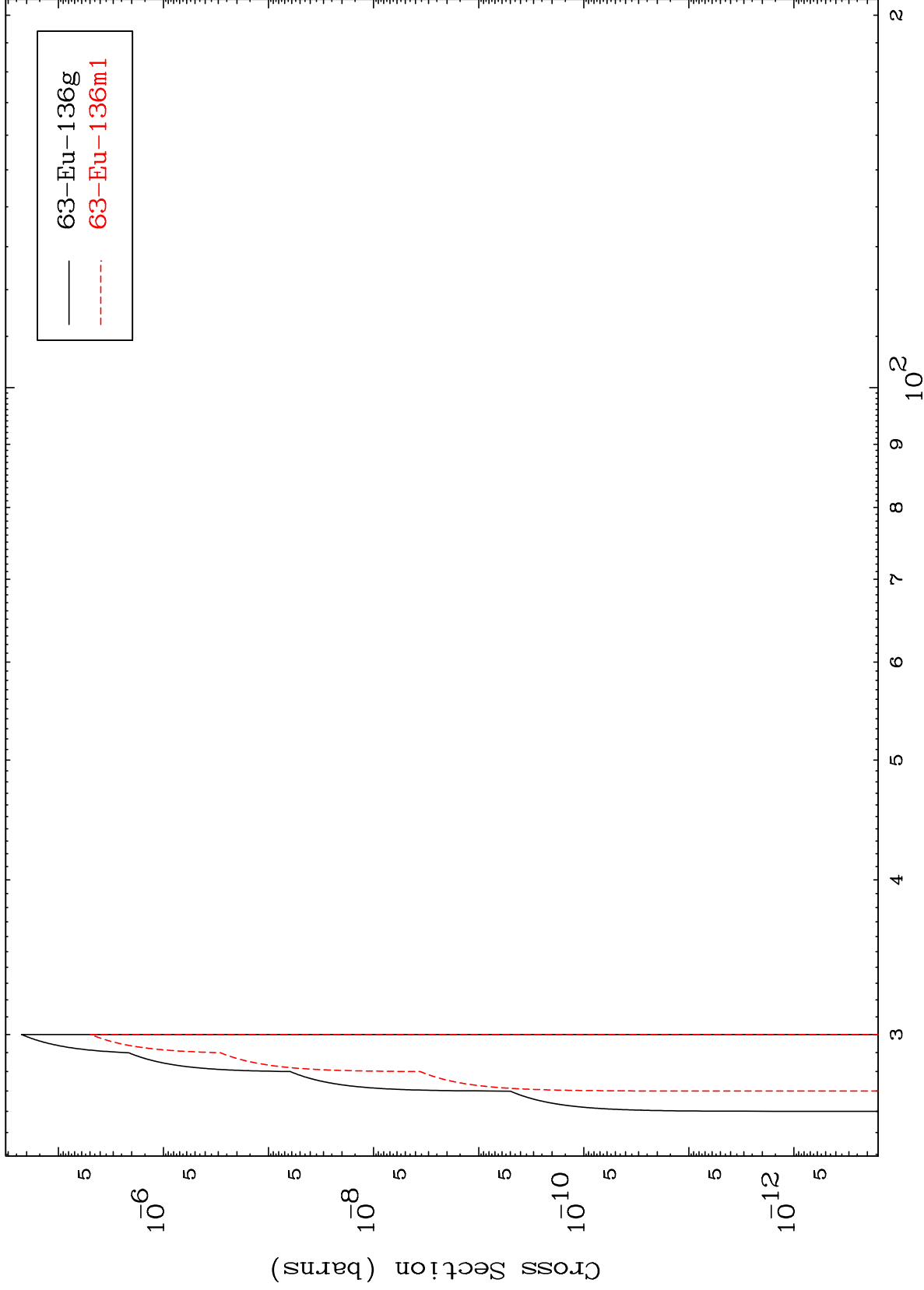
64-Gd-139

MAT 6387

(n,3n) p

64-Gd-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

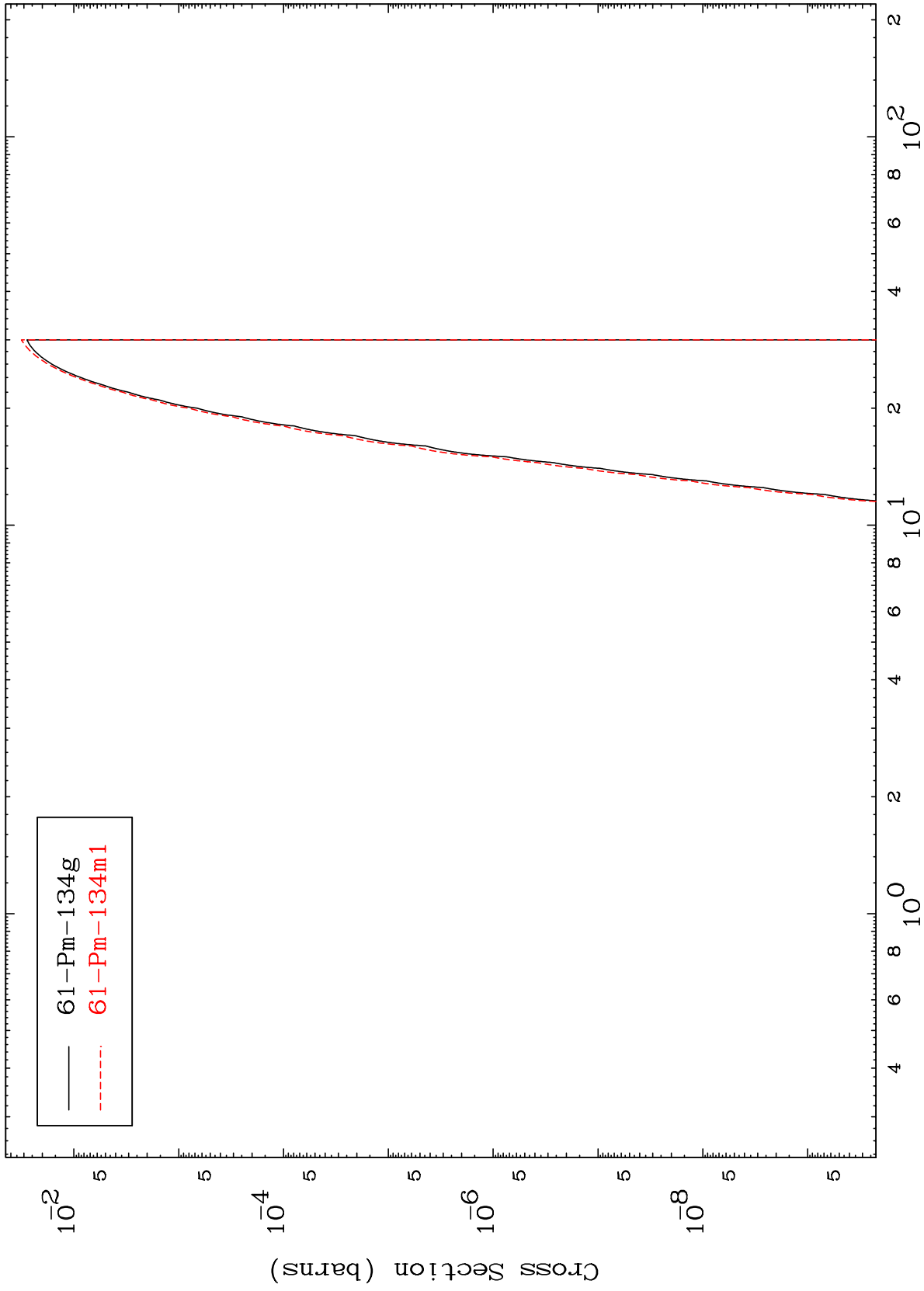
64-Gd-139

MAT 6387

(n,n') p α

64-Gd-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

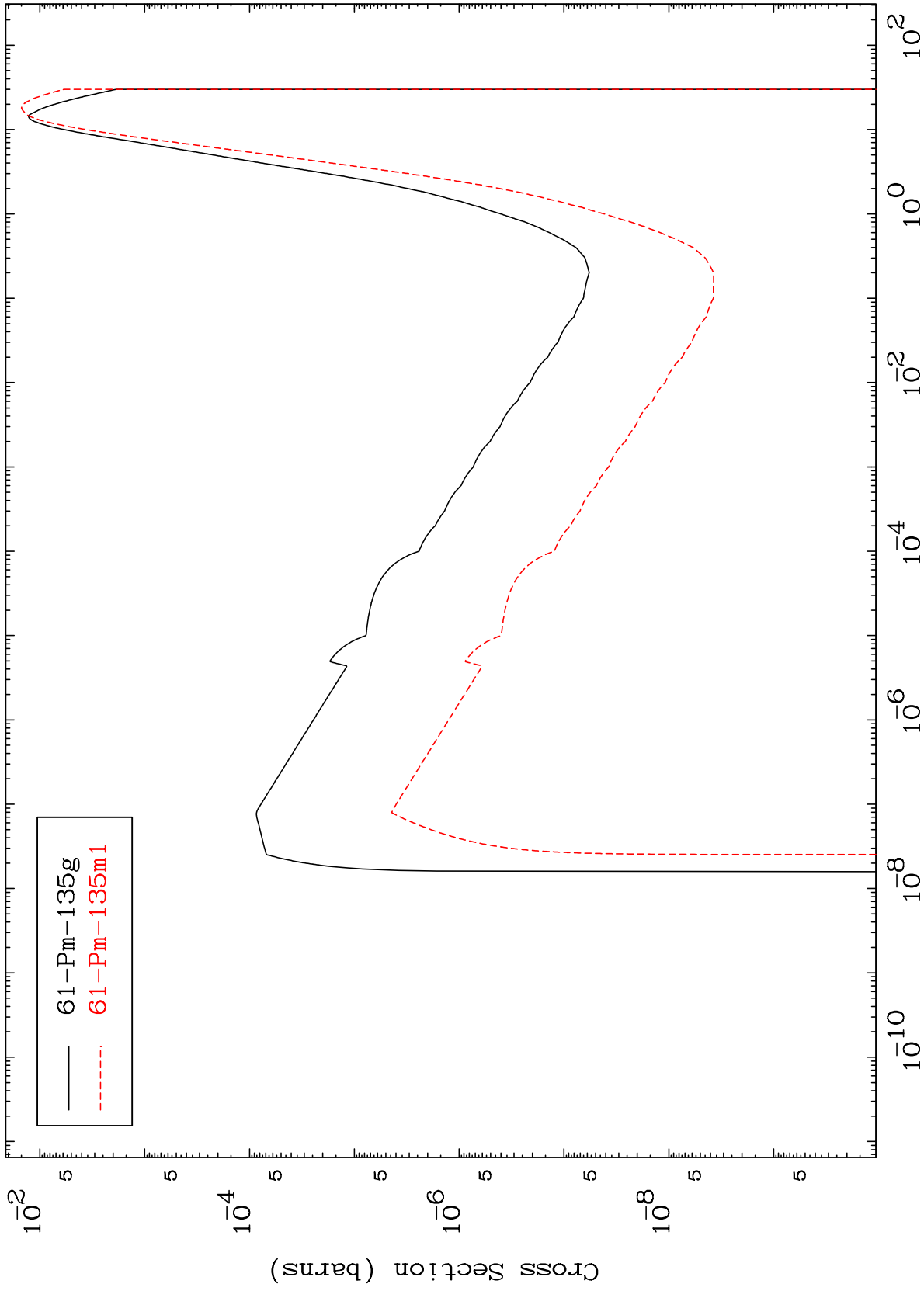
64-Gd-139

MAT 6387

(n,p) α

64-Gd-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

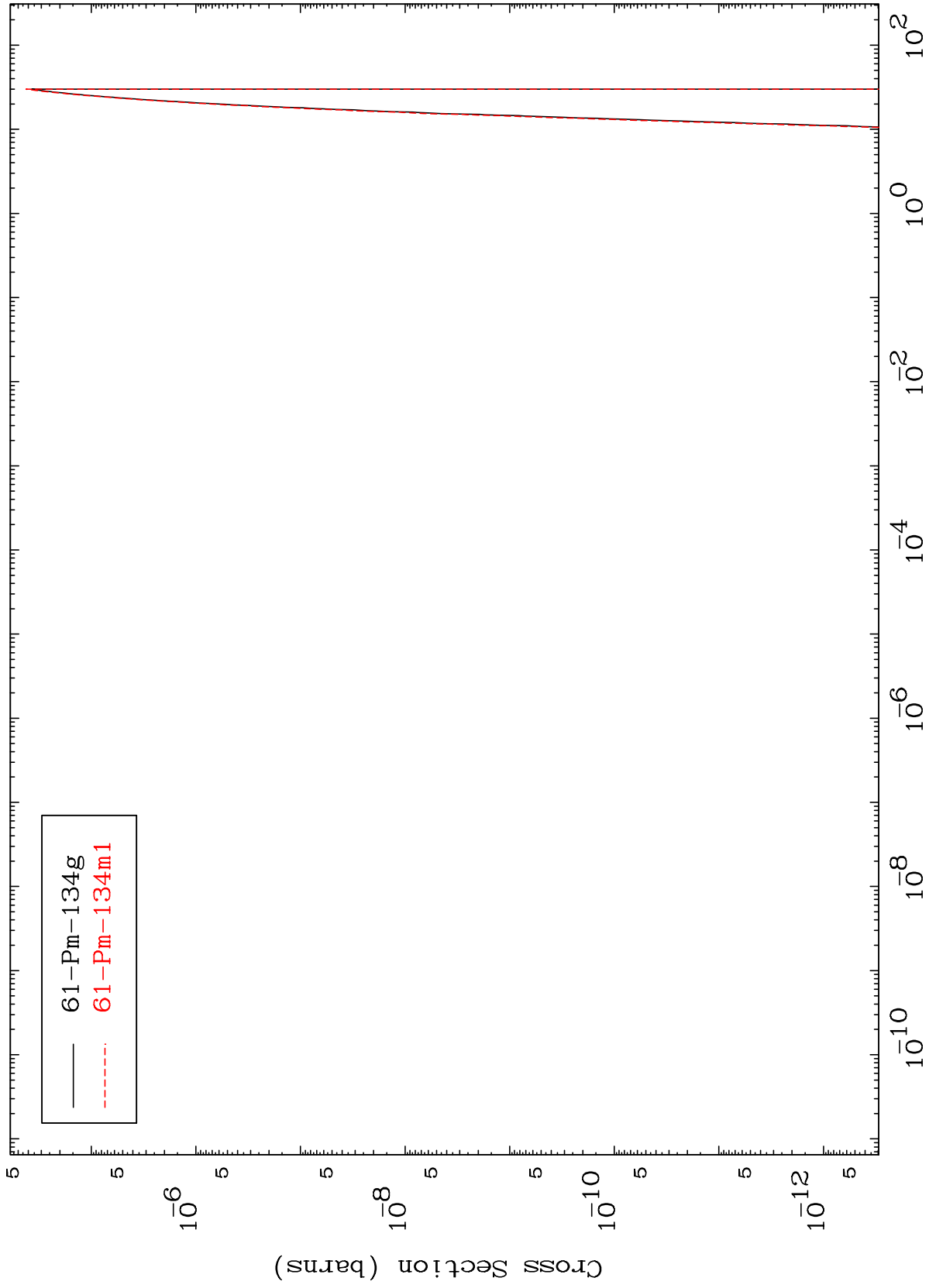
64-Gd-139

MAT 6387

(n,d) α

64-Gd-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

64-Gd-139