

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

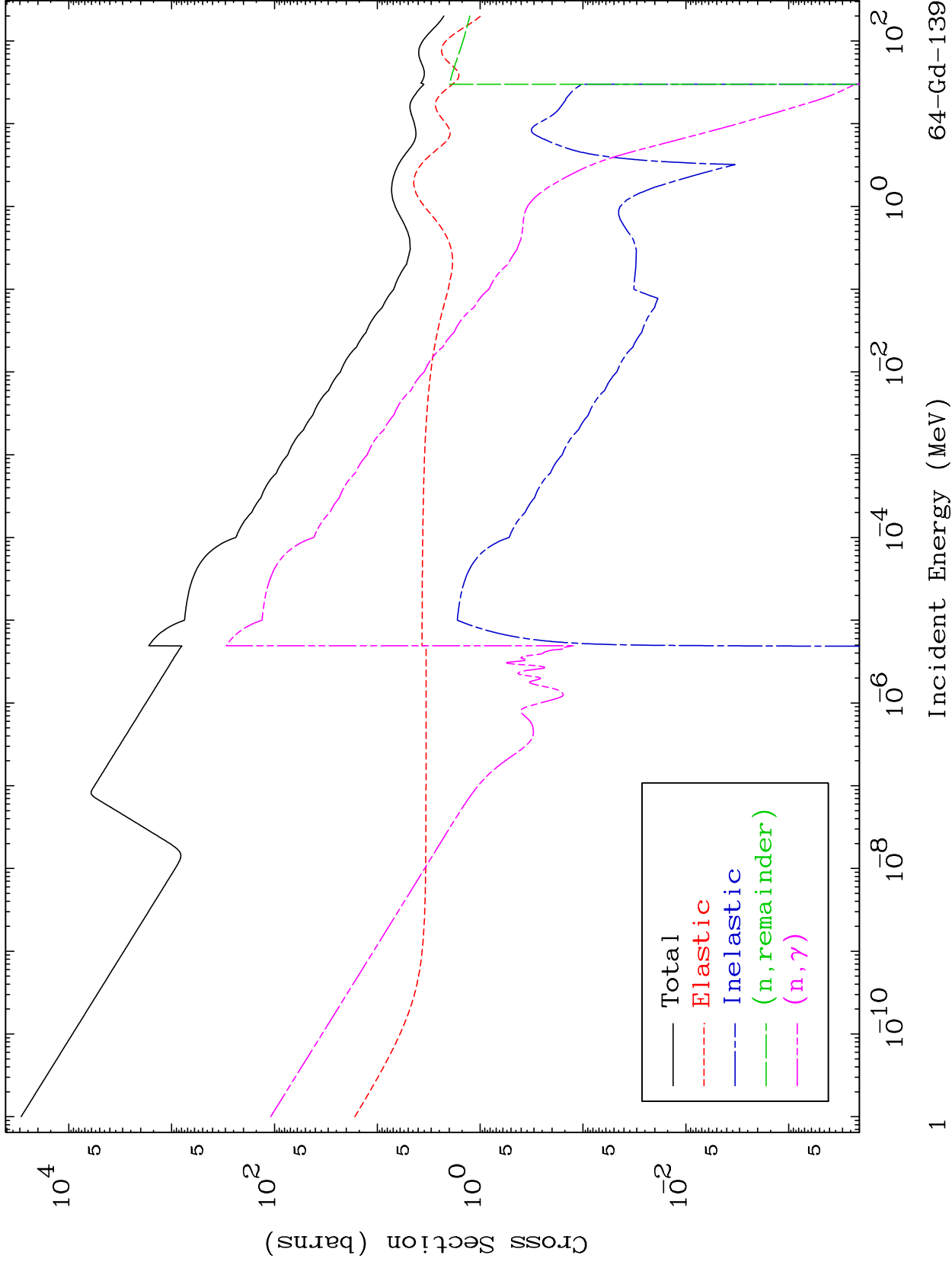
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6387

Major
293 Kelvin Cross Sections

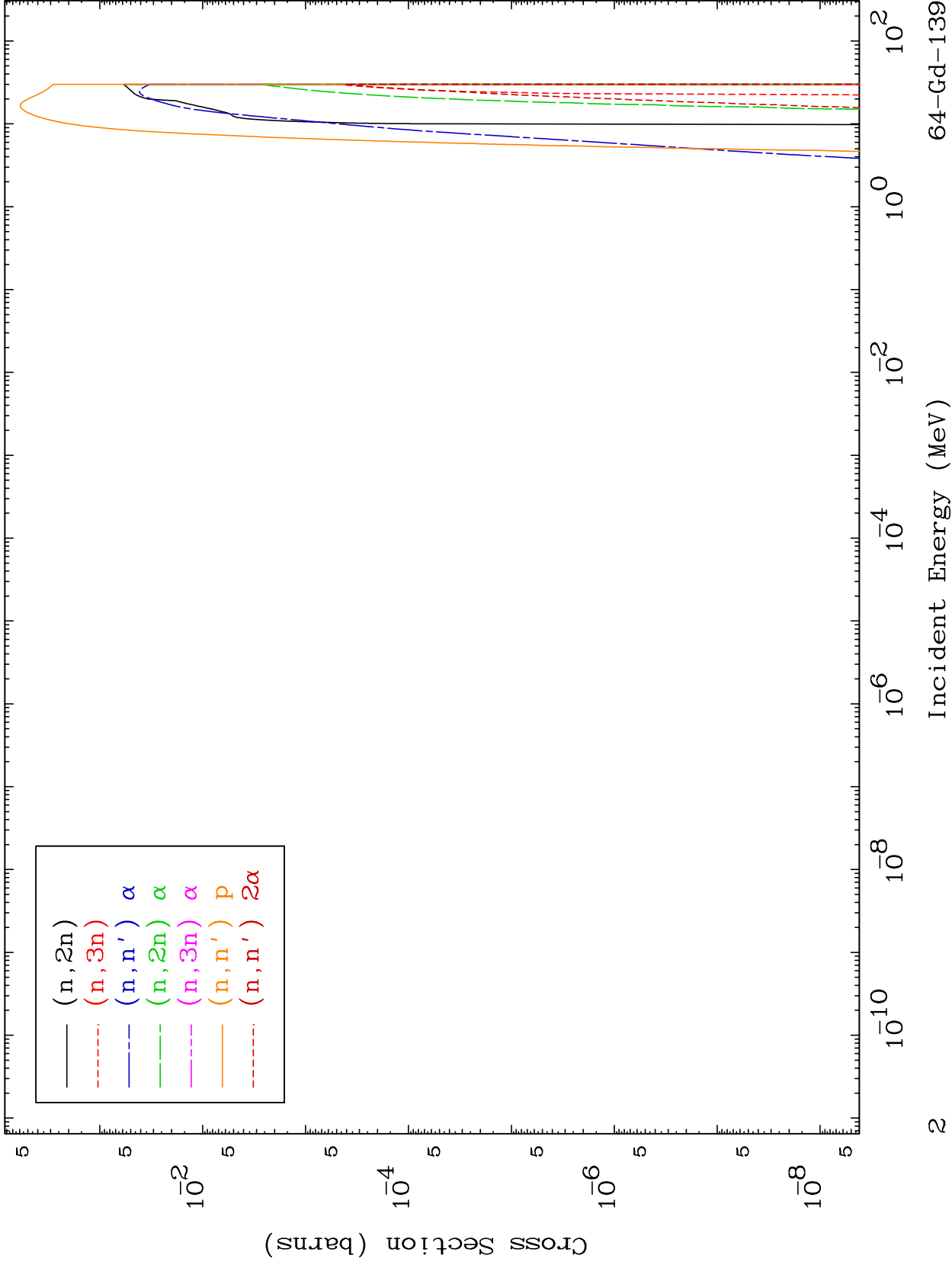
64-Gd-139



MAT 6387

Neutron Production
293 Kelvin Cross Sections

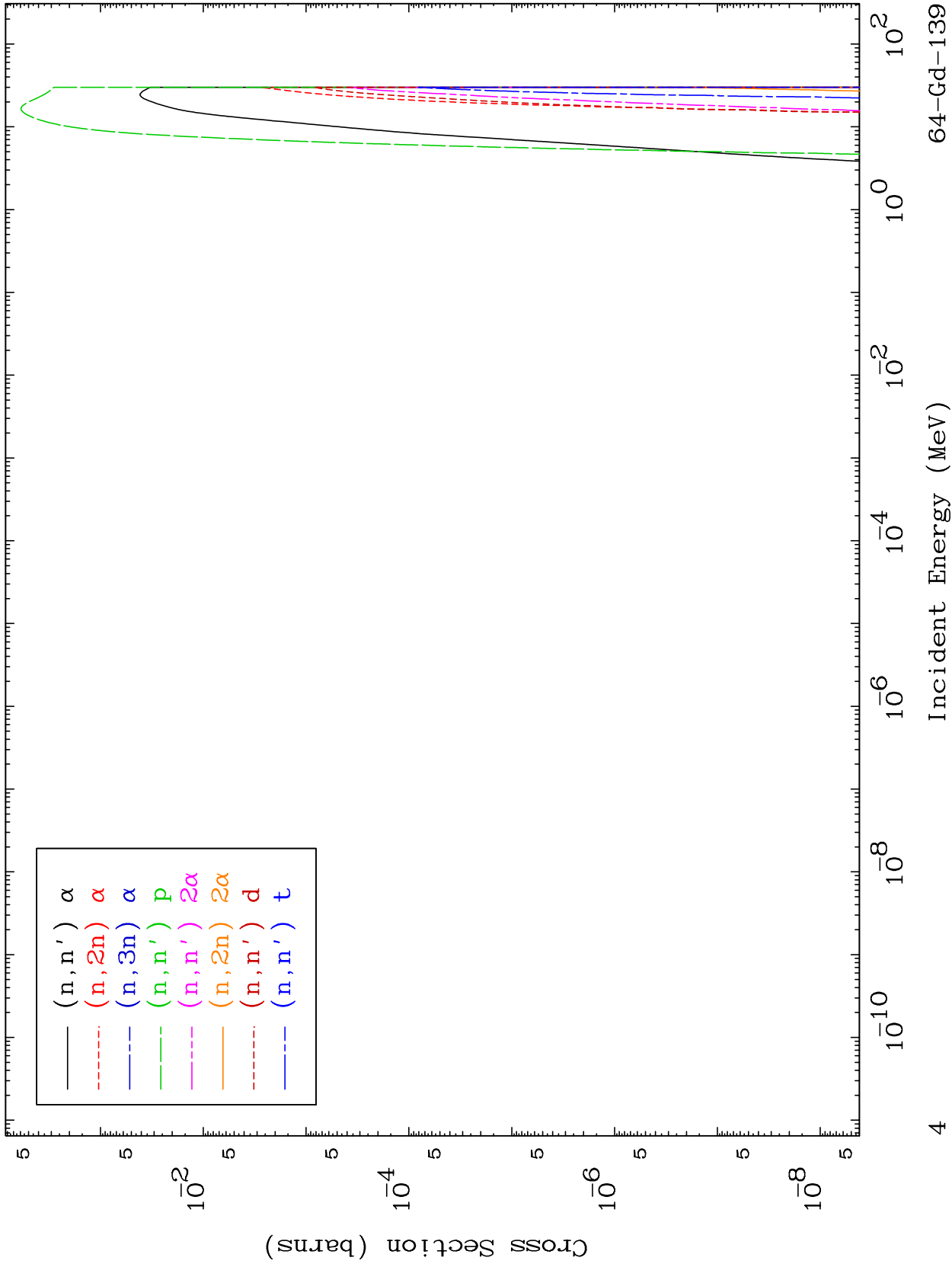
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MAT 6387

Charged Particle
293 Kelvin Cross Sections

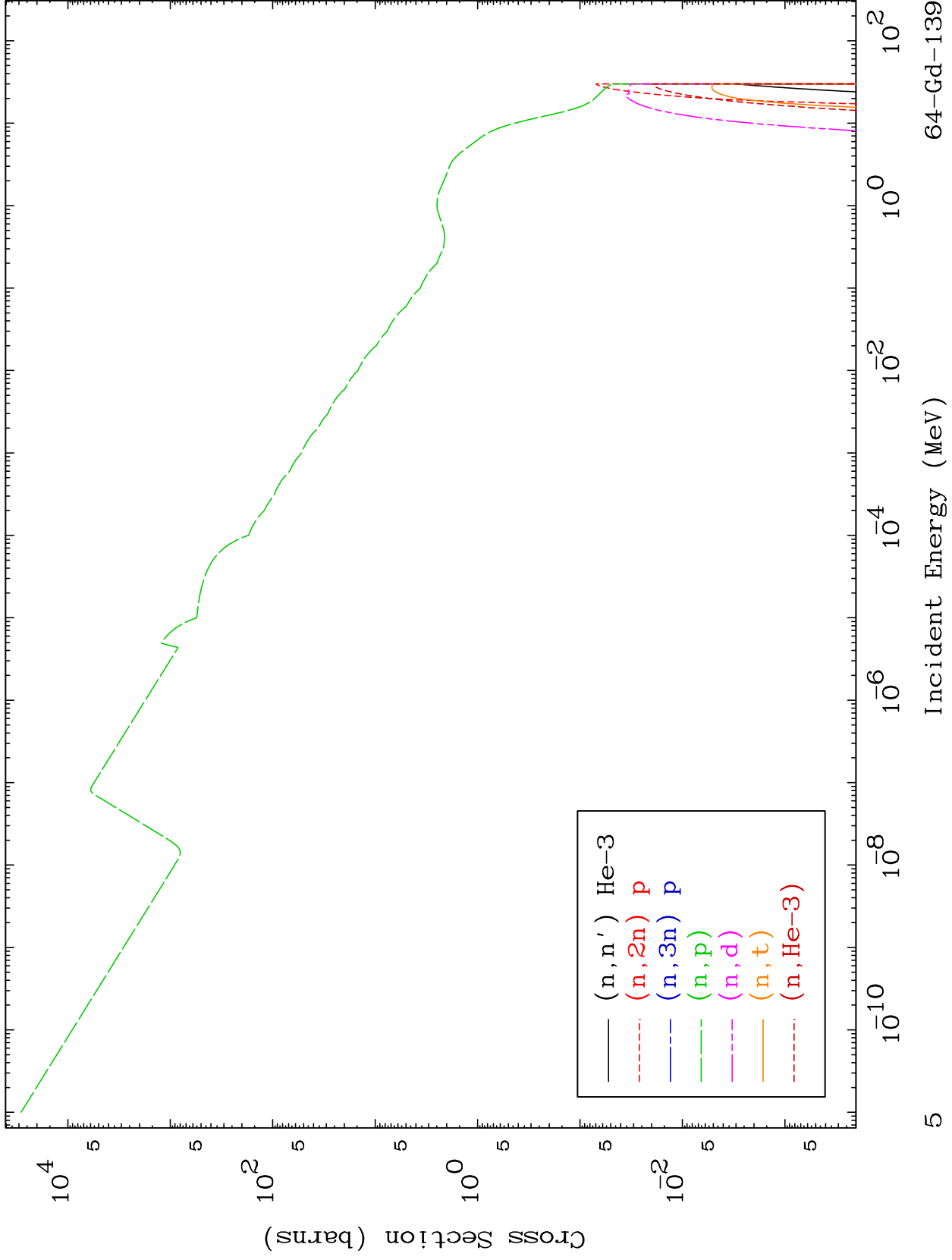
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MAT 6387

Charged Particle
293 Kelvin Cross Sections

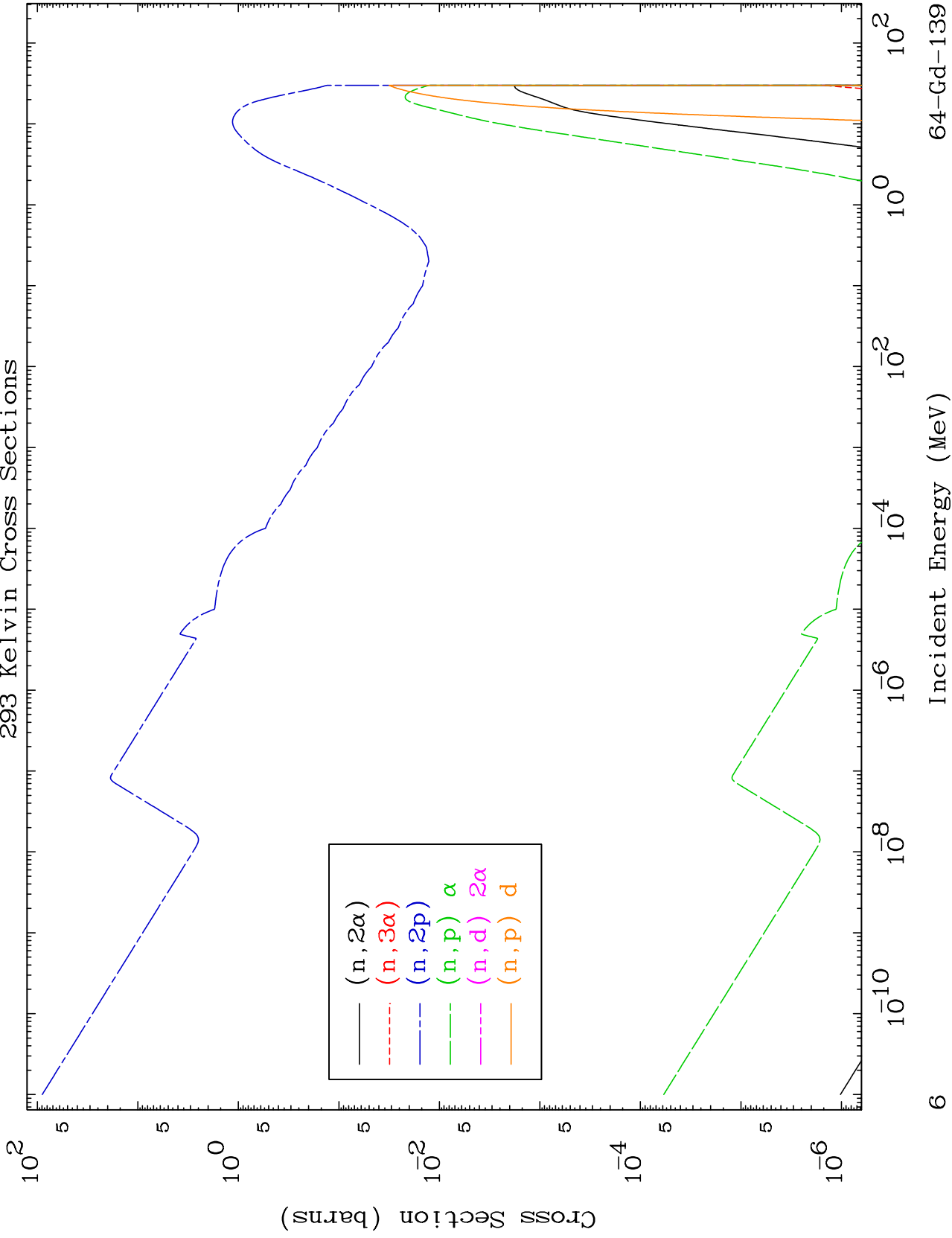
64-Gd-139



MAT 6387

Charged Particle
293 Kelvin Cross Sections

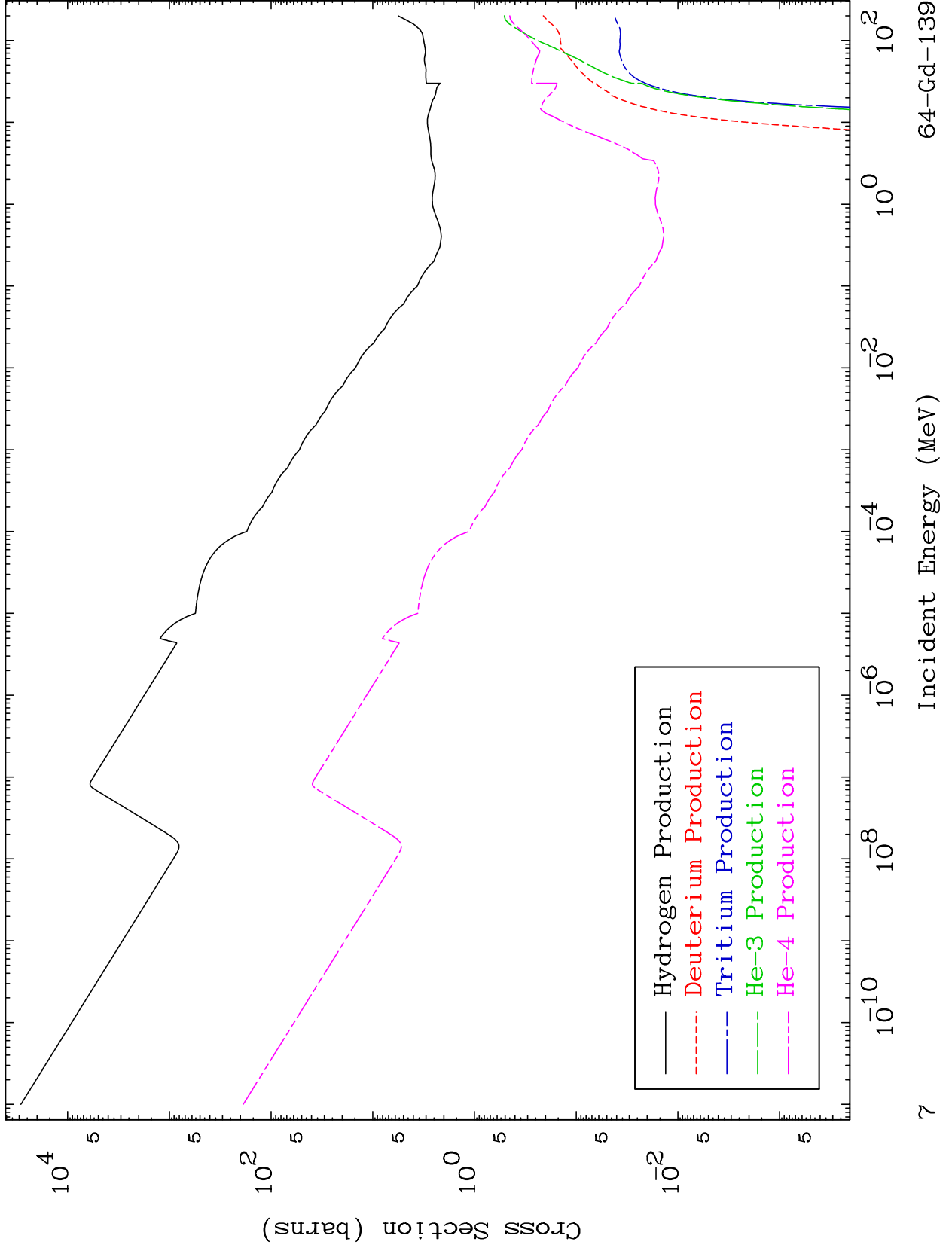
64-Gd-139



MAT 6387

Particle Production
293 Kelvin Cross Sections

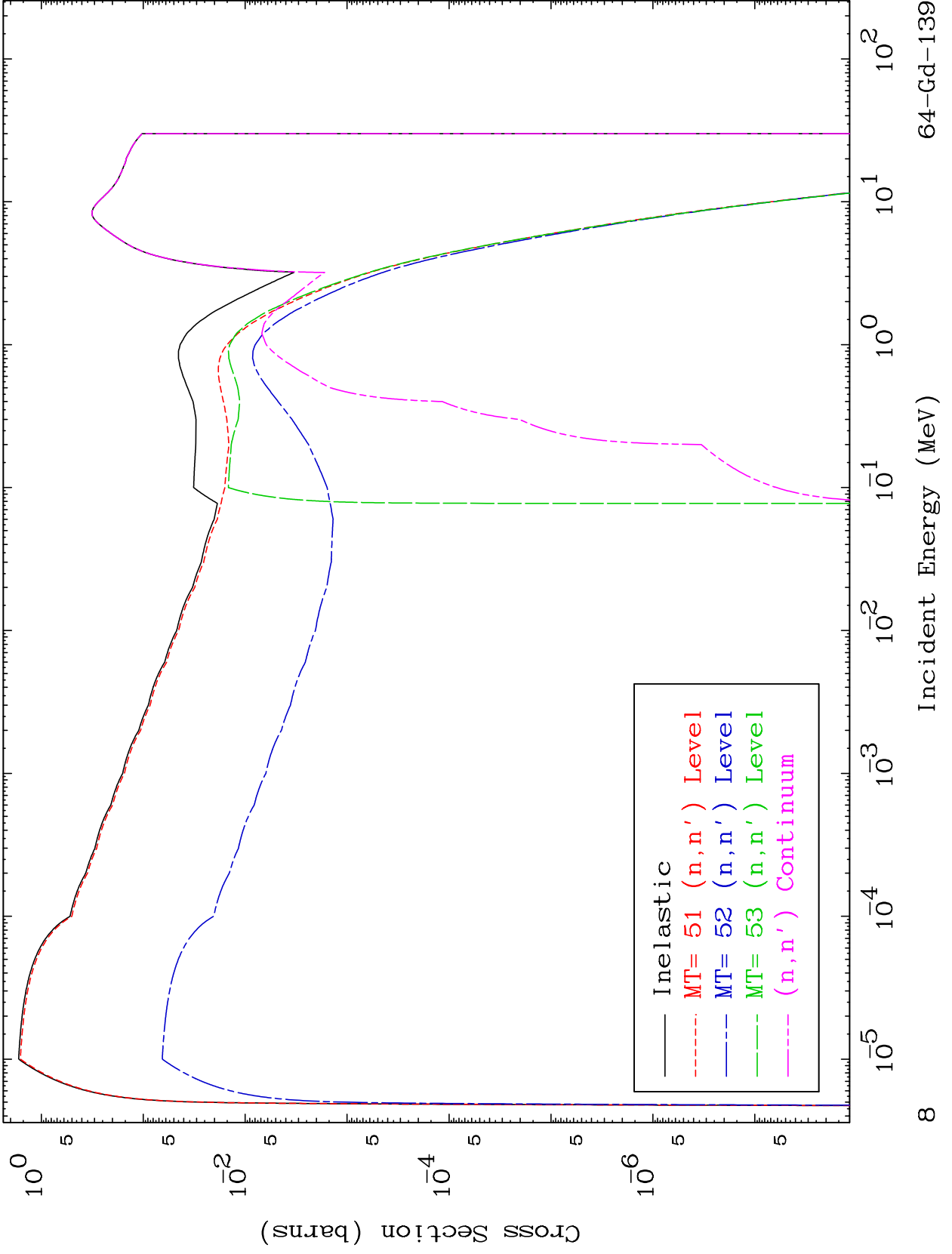
64-Gd-139



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(n,n') Level
293 Kelvin Cross Sections

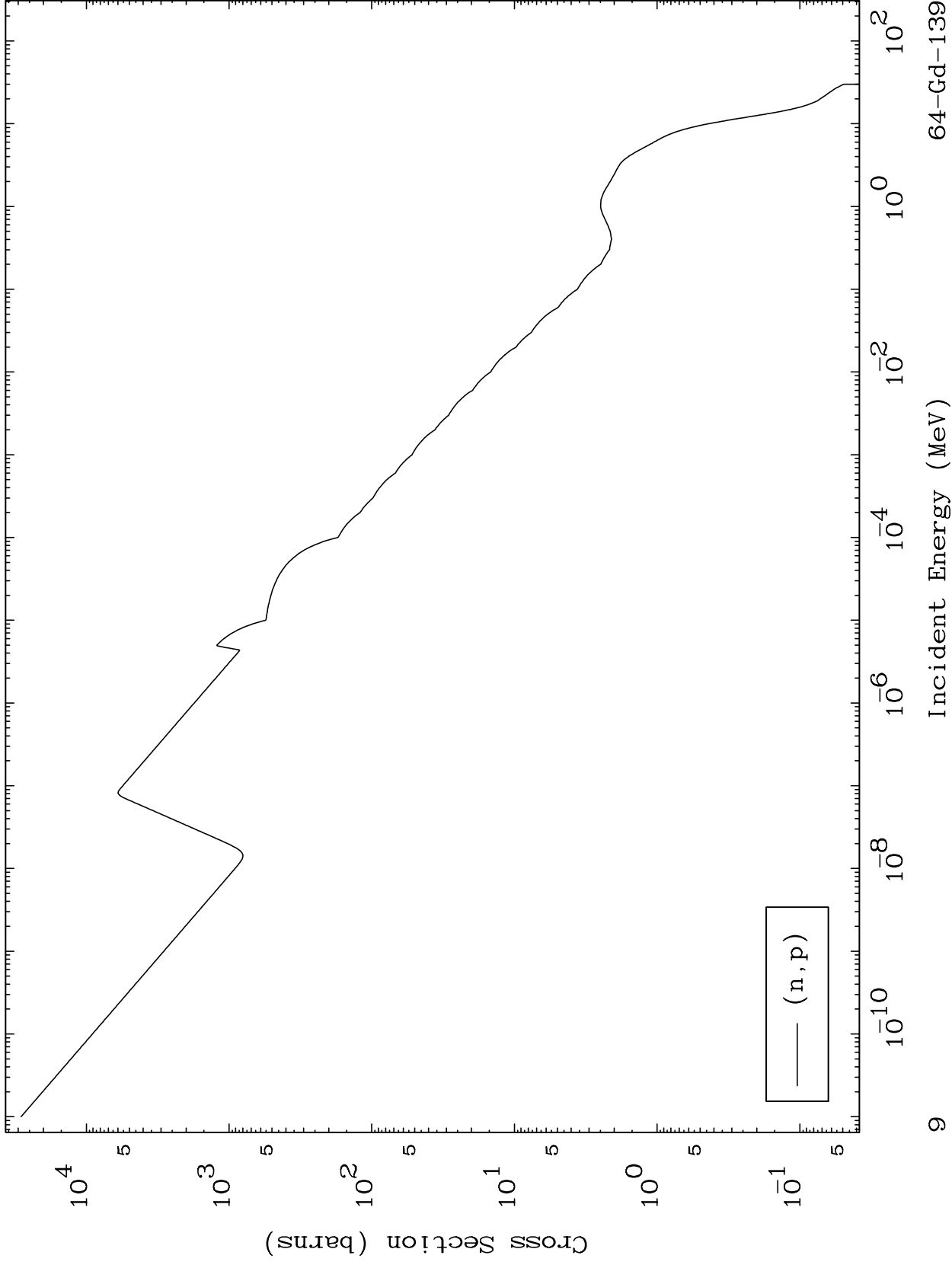
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MAT 6387

(n,p) Levels
293 Kelvin Cross Sections

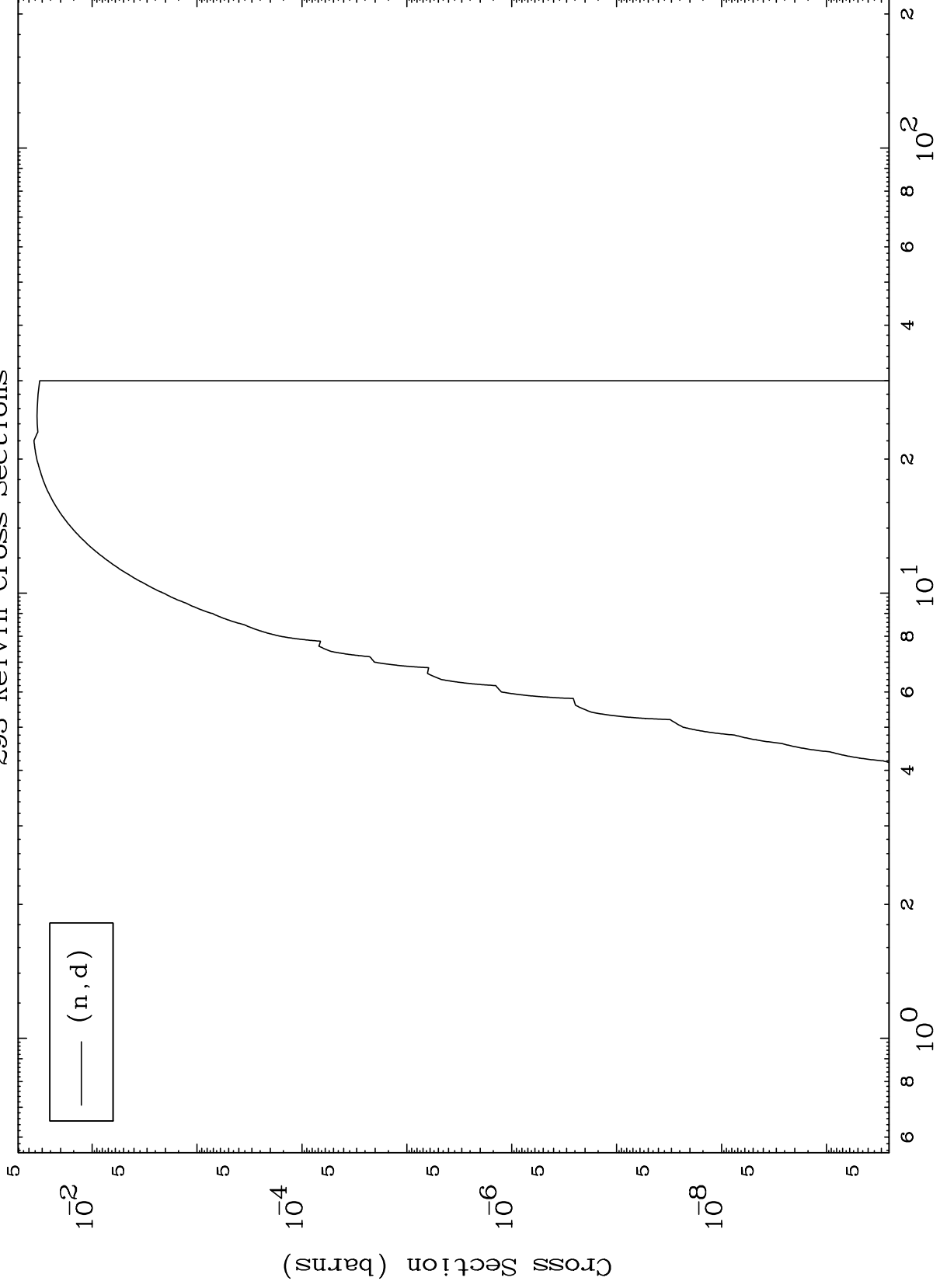
64-Gd-139



MAT 6387

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-139



10

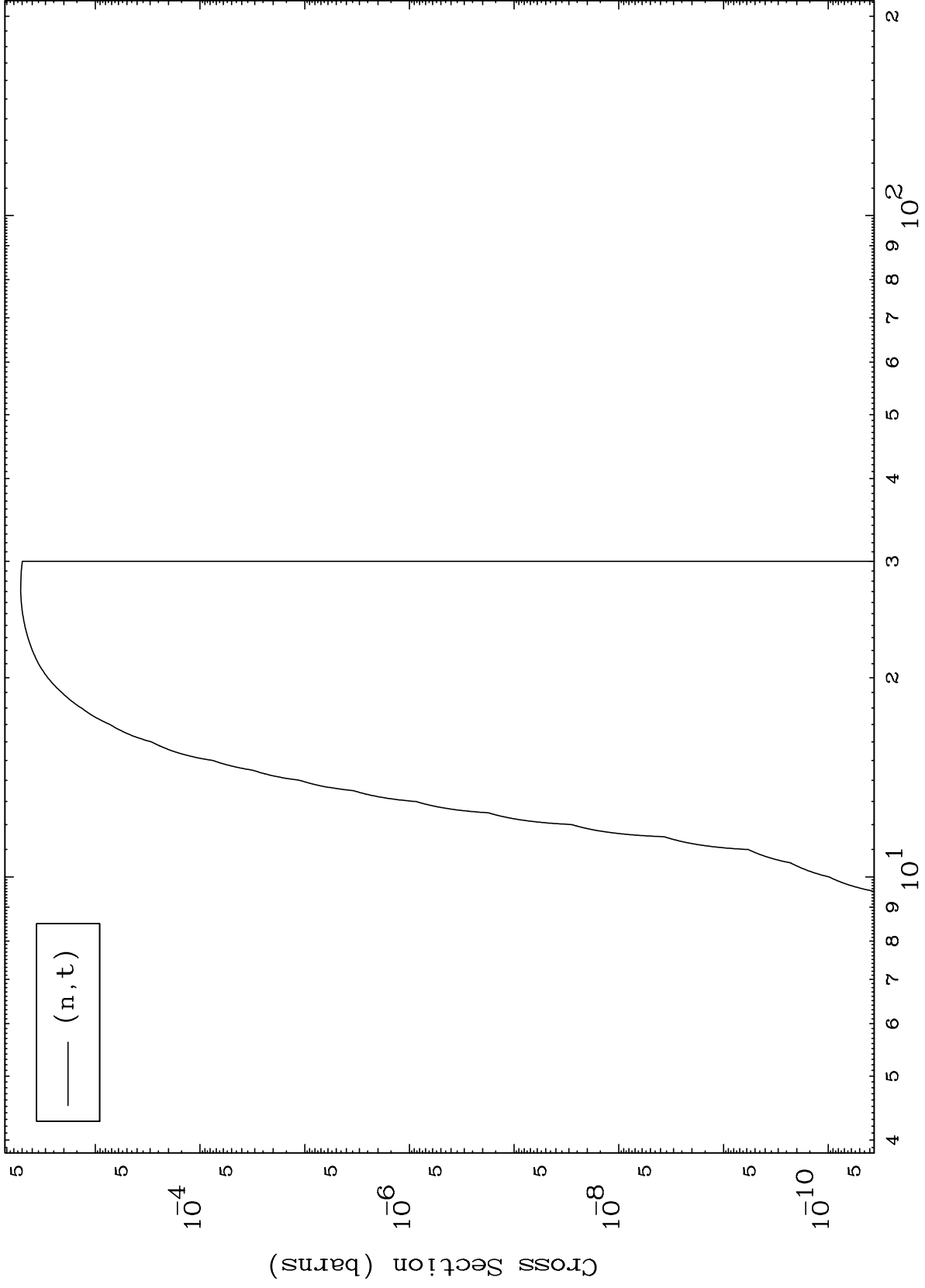
Incident Energy (MeV)

64-Gd-139

MAT 6387

(n,t) Levels
293 Kelvin Cross Sections

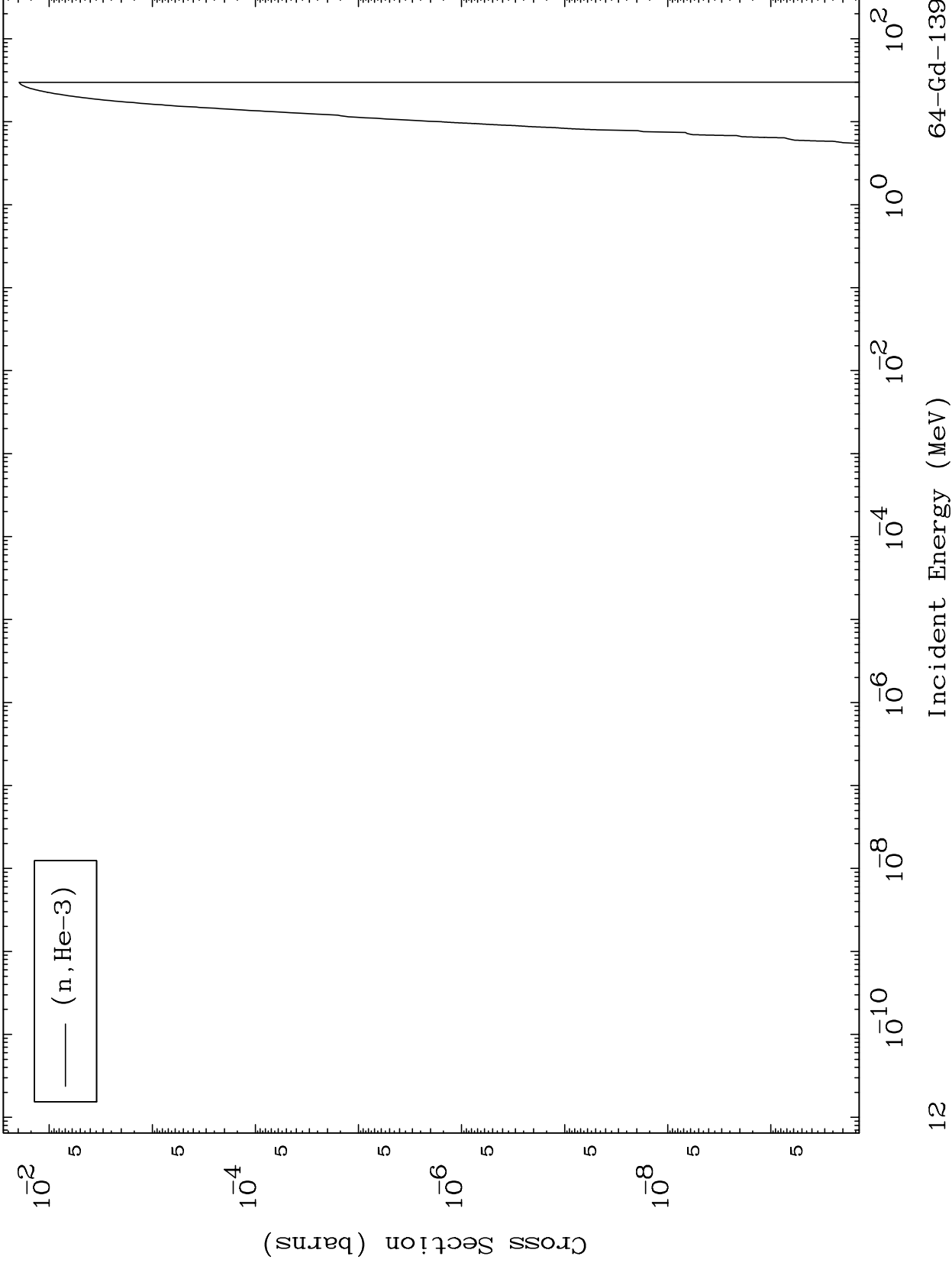
64-Gd-139



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(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-139



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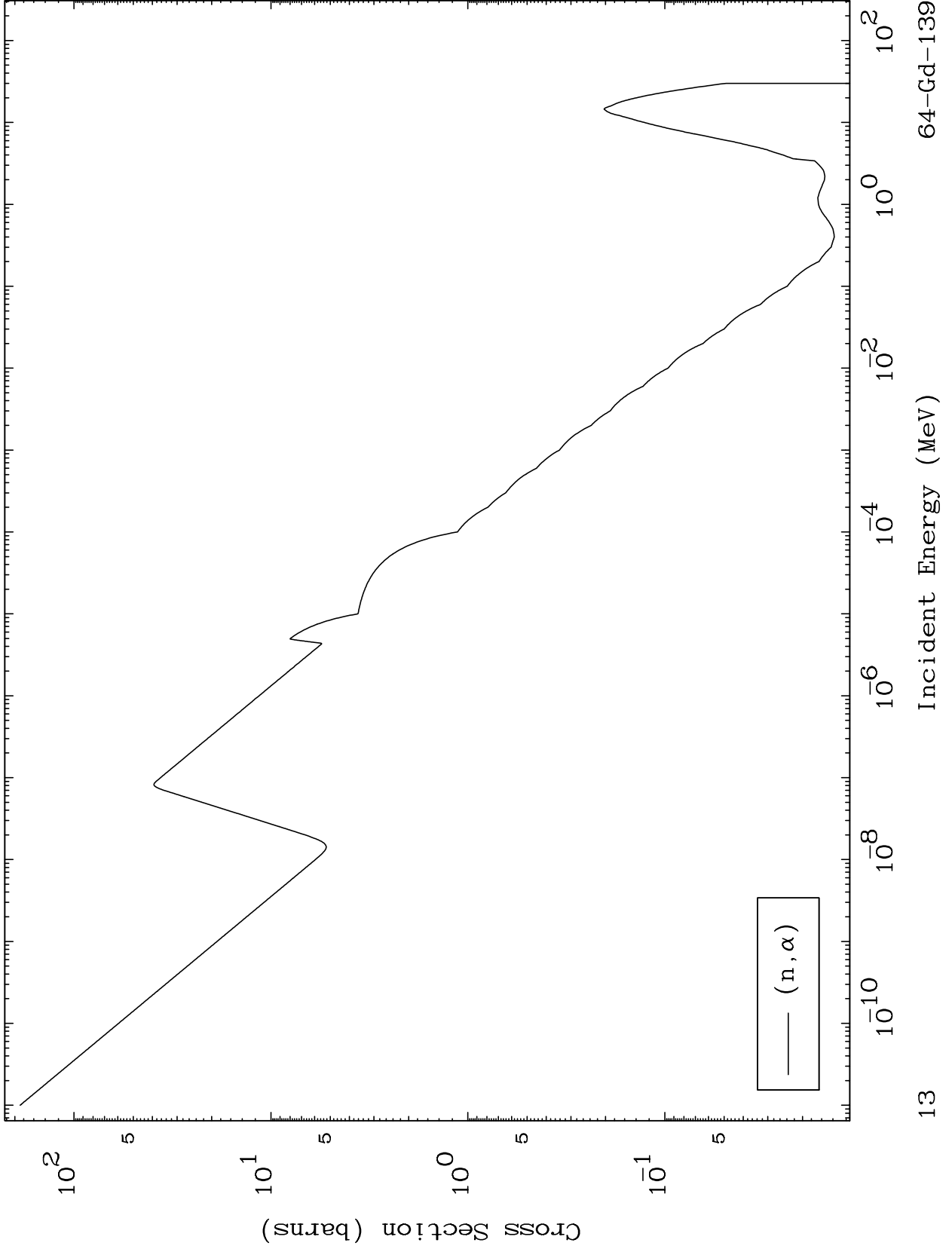
Incident Energy (MeV)

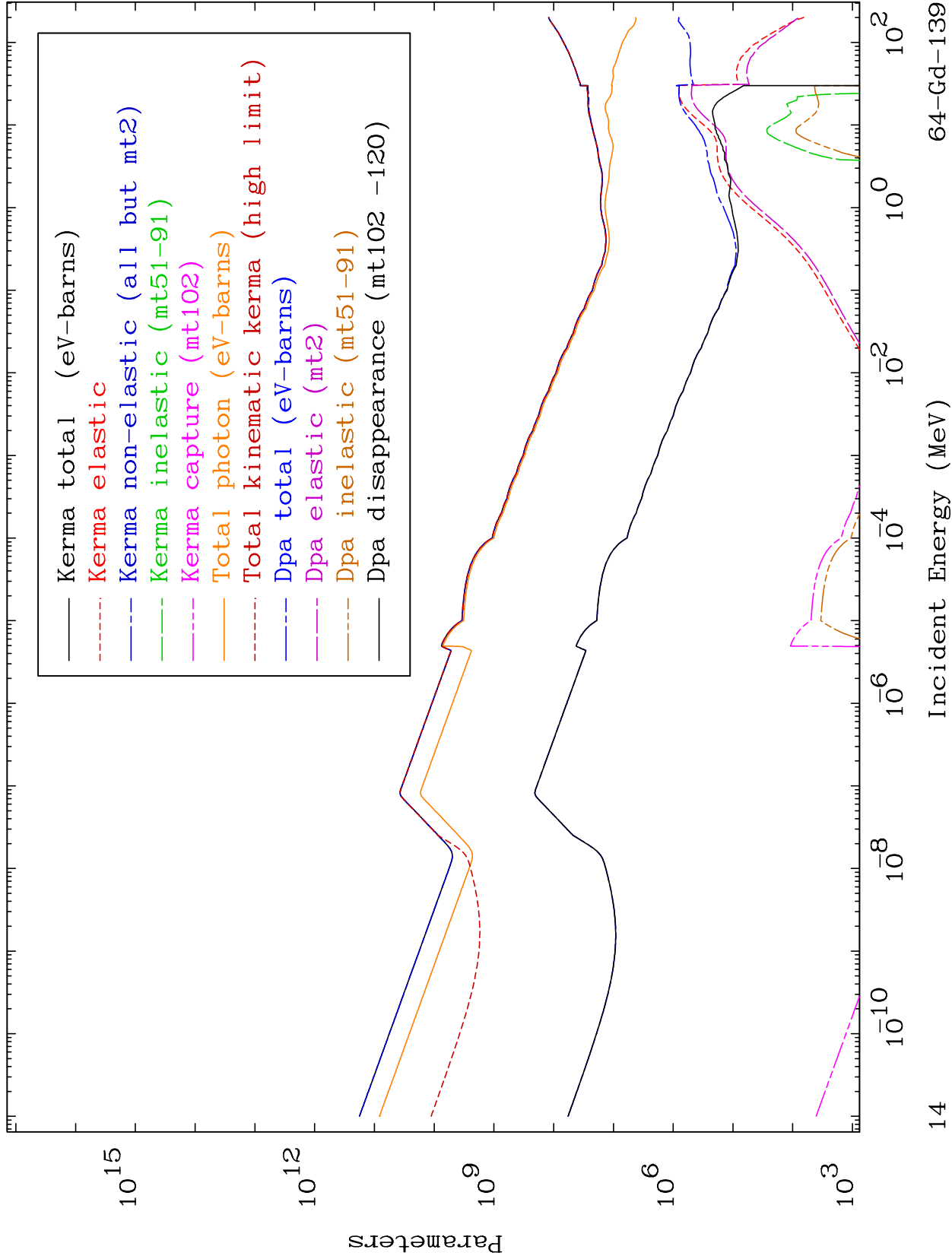
64-Gd-139

MAT 6387

(n,α) Levels
293 Kelvin Cross Sections

64-Gd-139

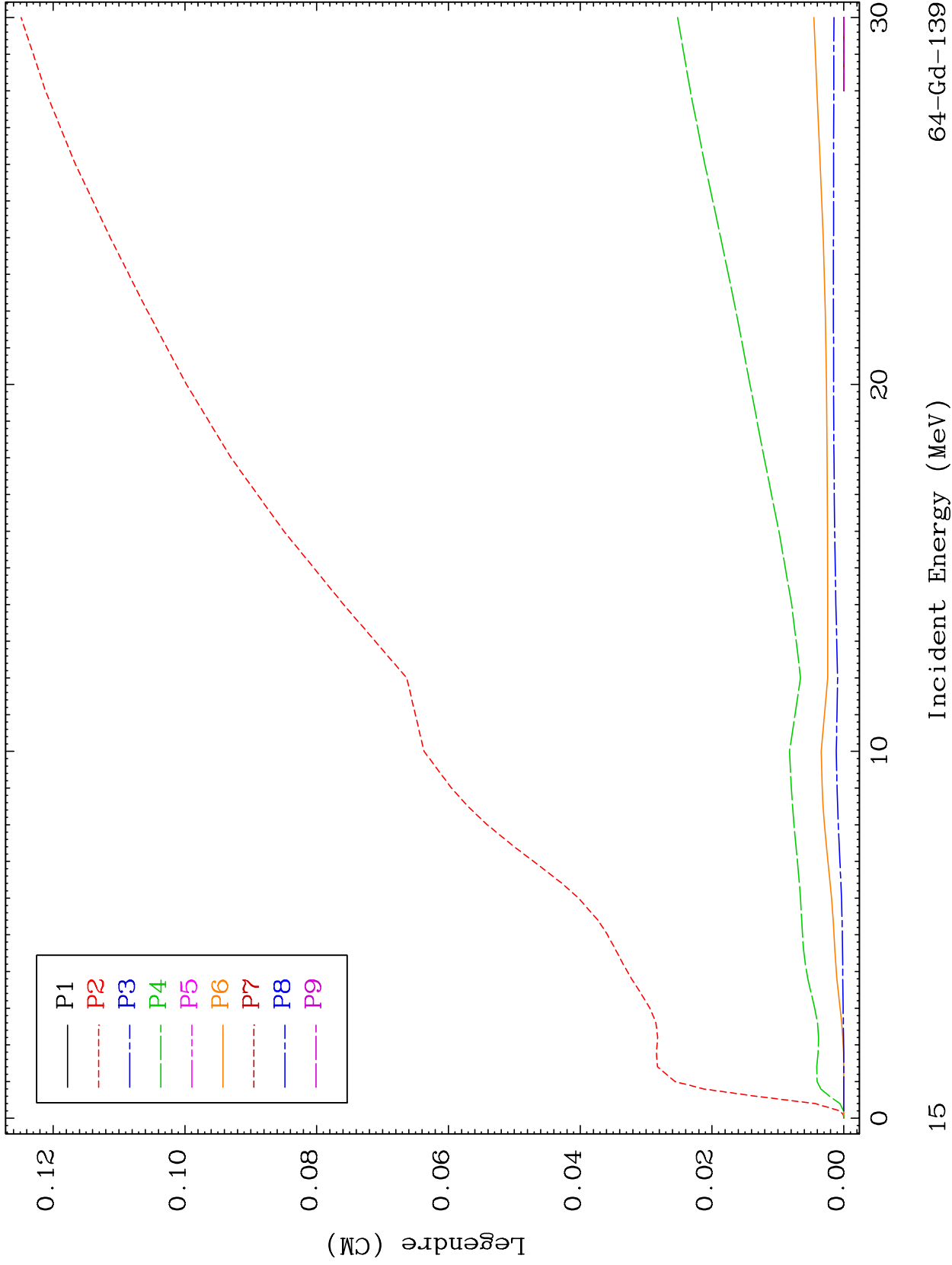




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Elastic Legendre Coefficients

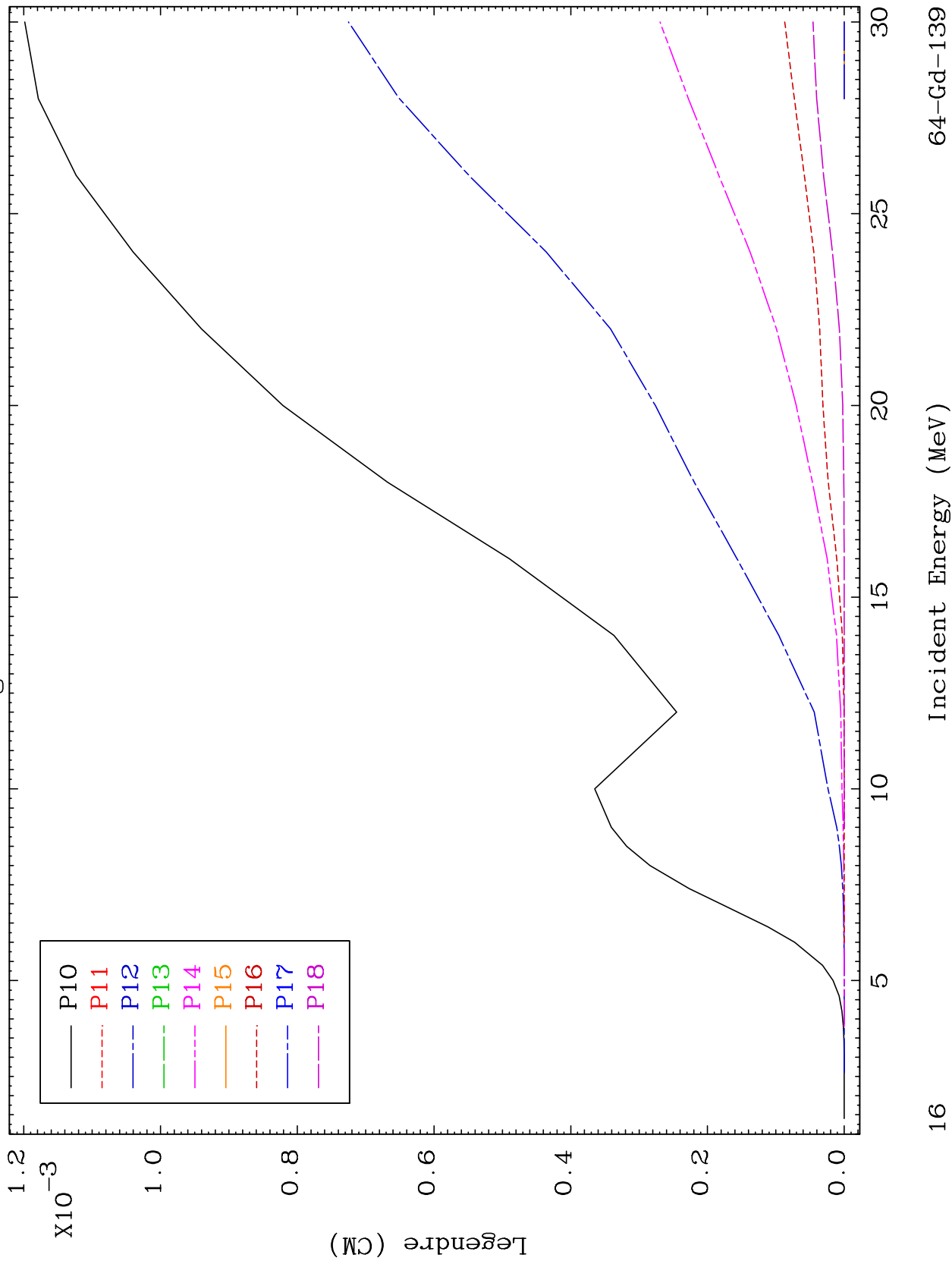
64-Gd-139



MAT 6387

Elastic Legendre Coefficients

64-Gd-139

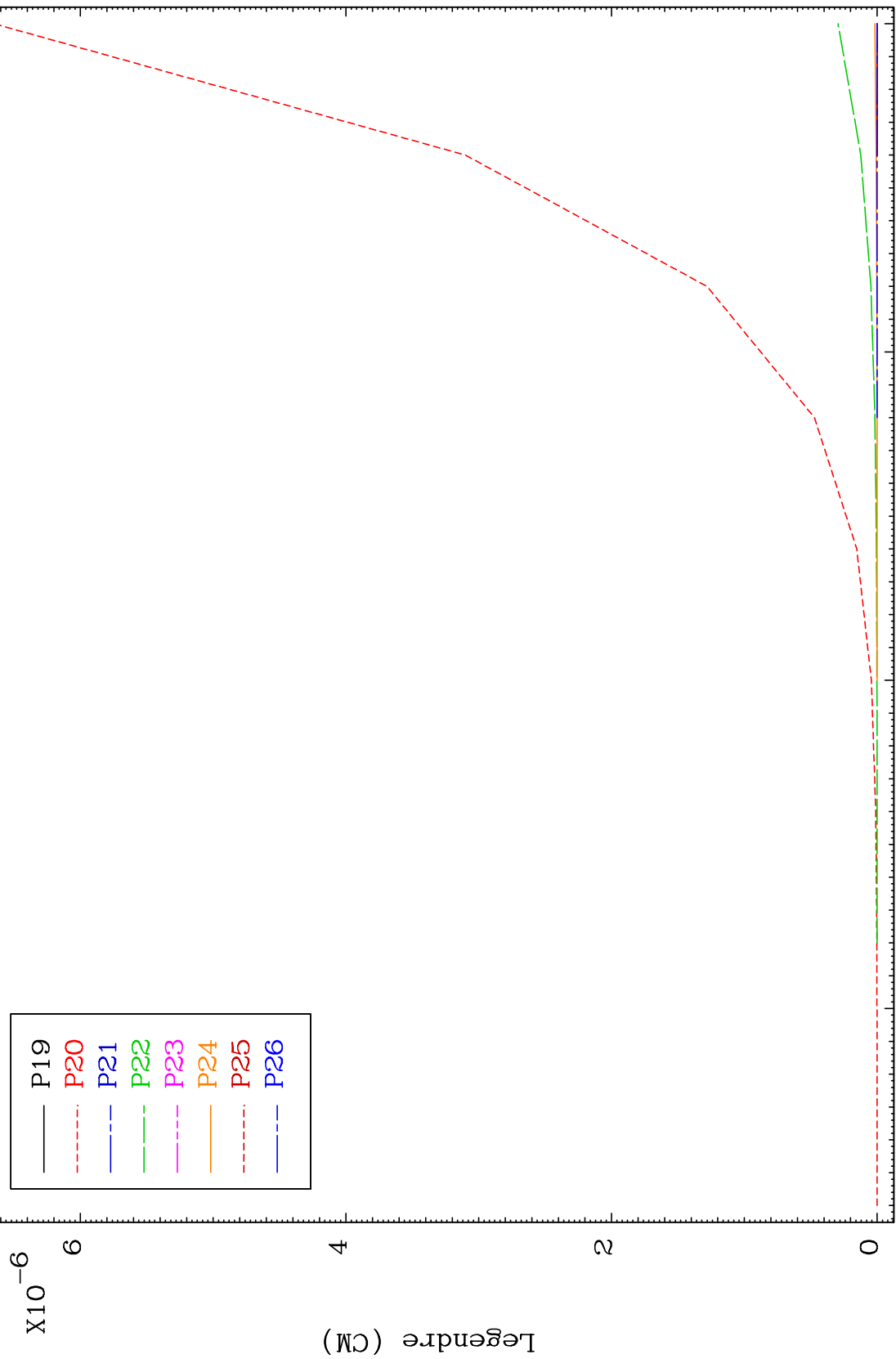
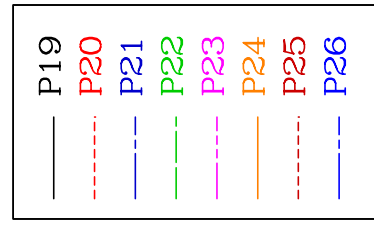


16

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Elastic Legendre Coefficients

64-Gd-139



17

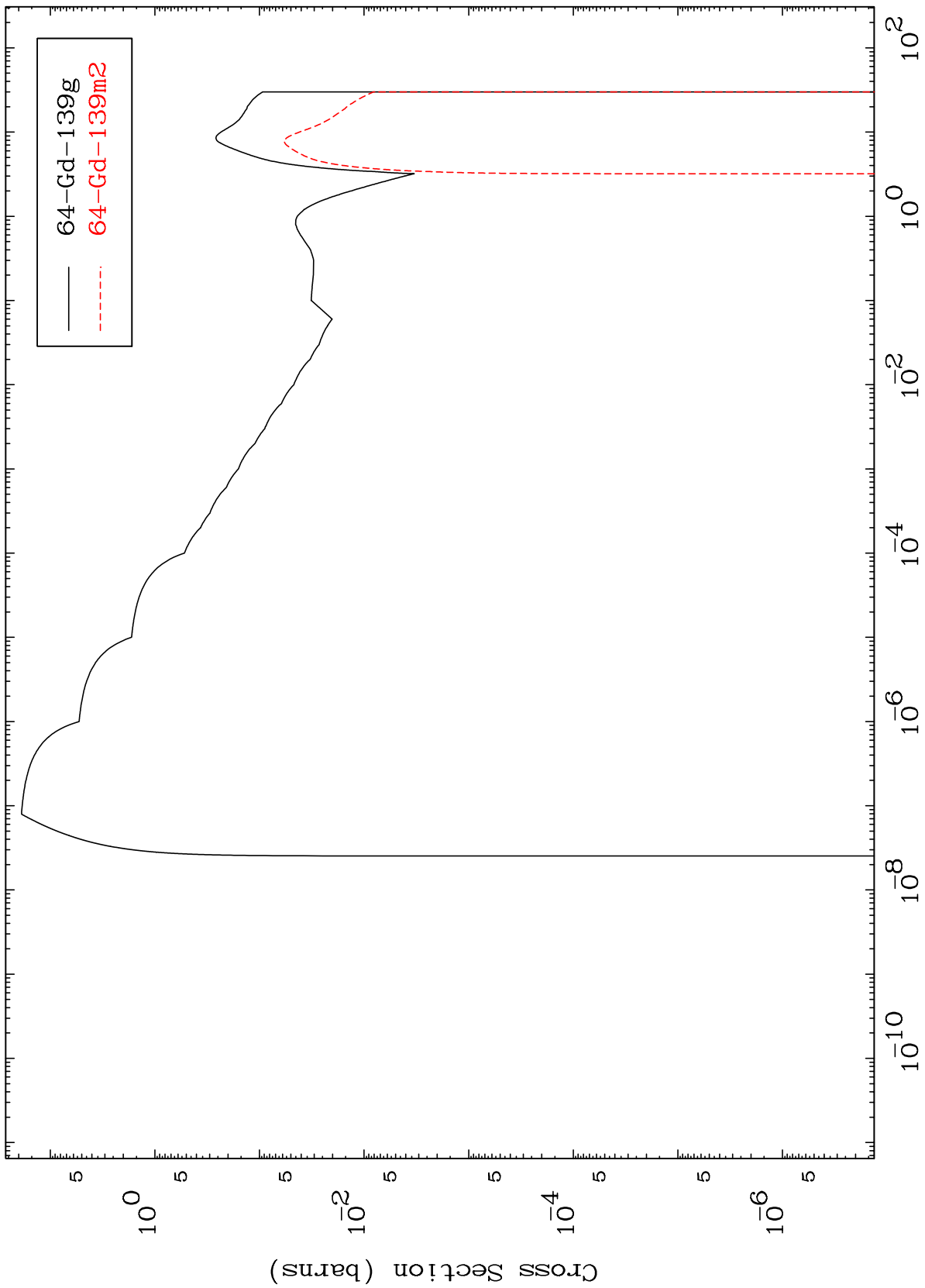
Incident Energy (MeV)

64-Gd-139

MAT 6387

64-Gd-139

Inelastic
Radionuclide Production Cross Section



18

64-Gd-139

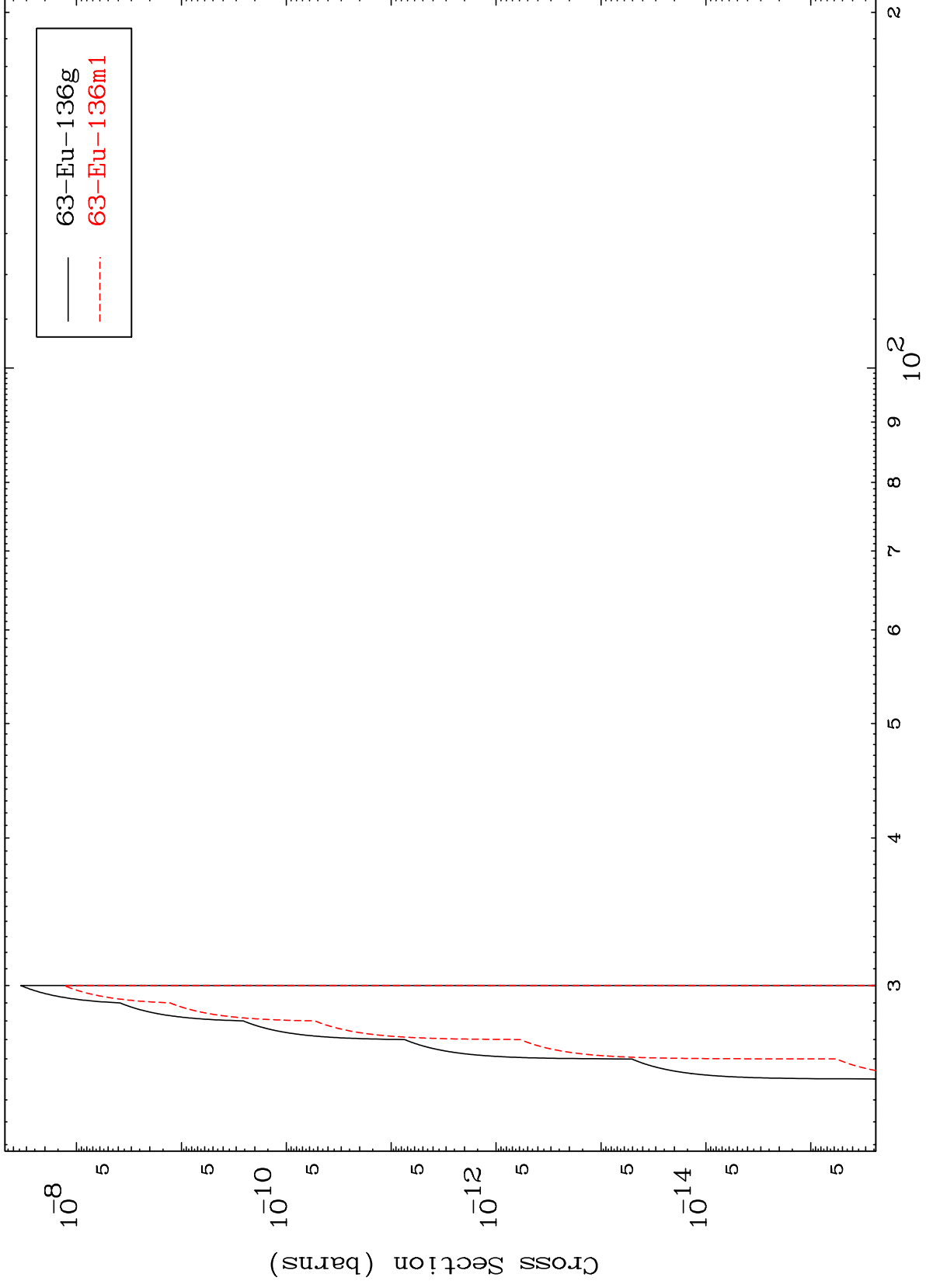
Incident Energy (MeV)

MAT 6387

(n,2n) d

64-Gd-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

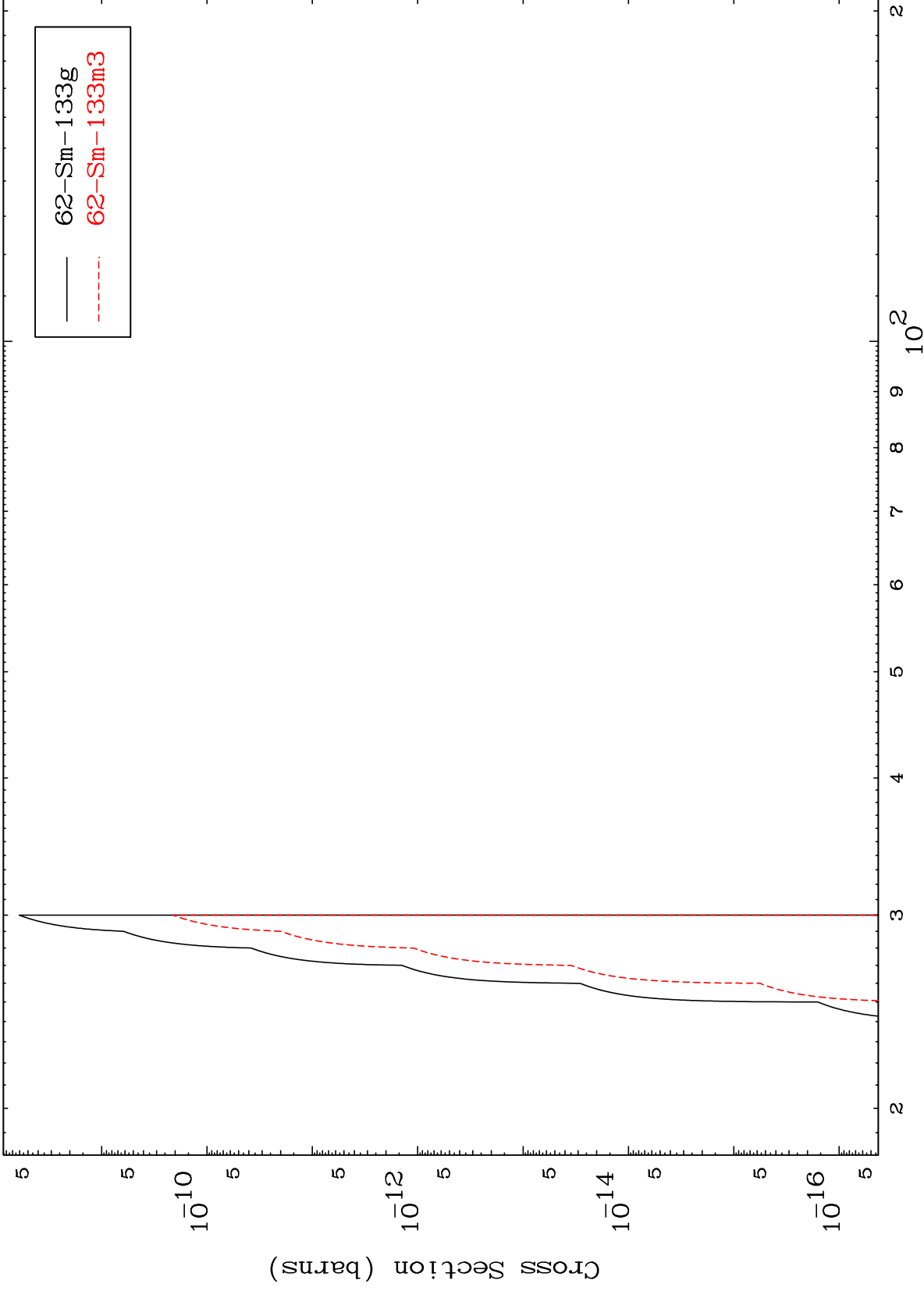
64-Gd-139

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(n,3n) α

64-Gd-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

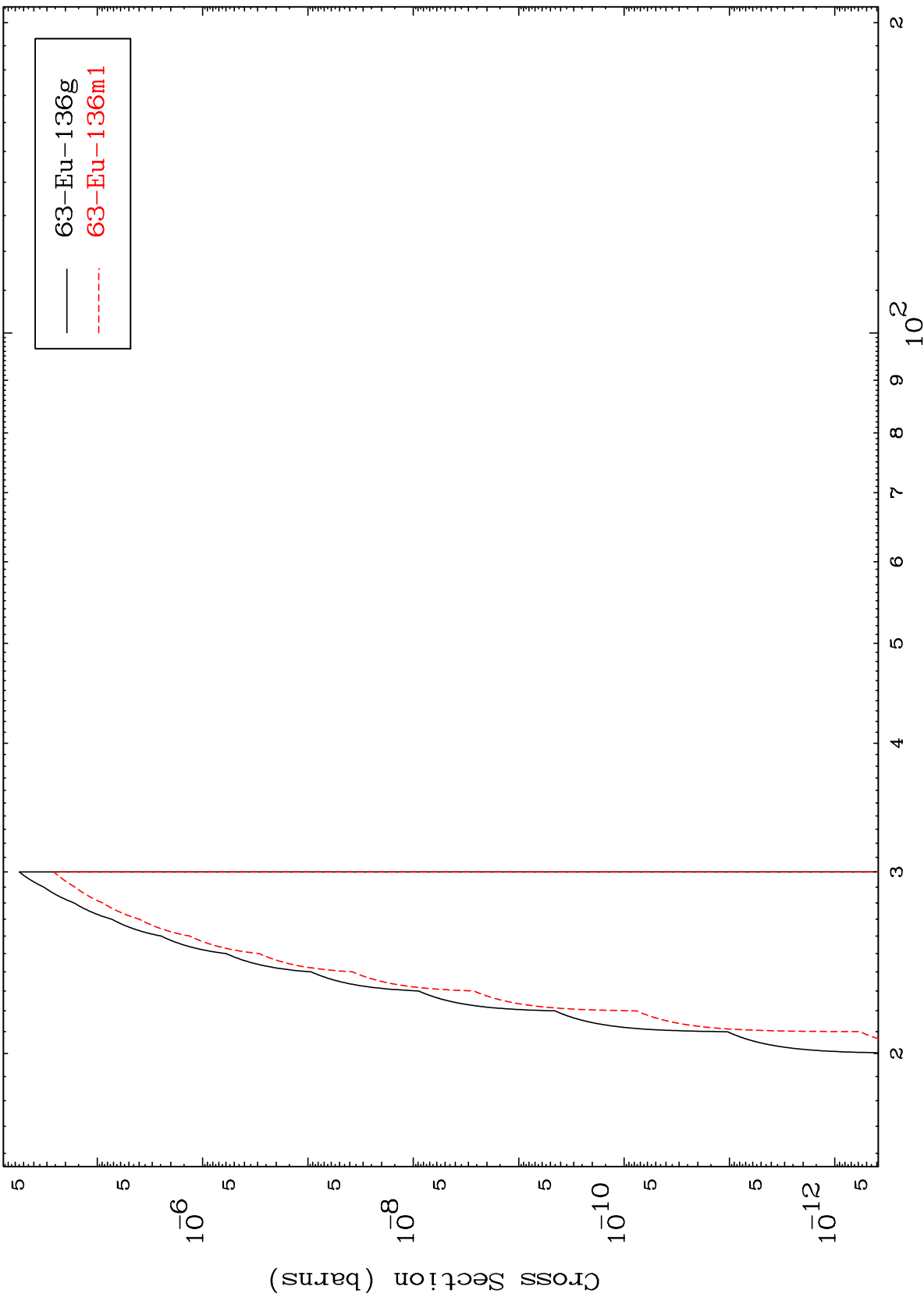
64-Gd-139

MAT 6387

(n,n') t

64-Gd-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

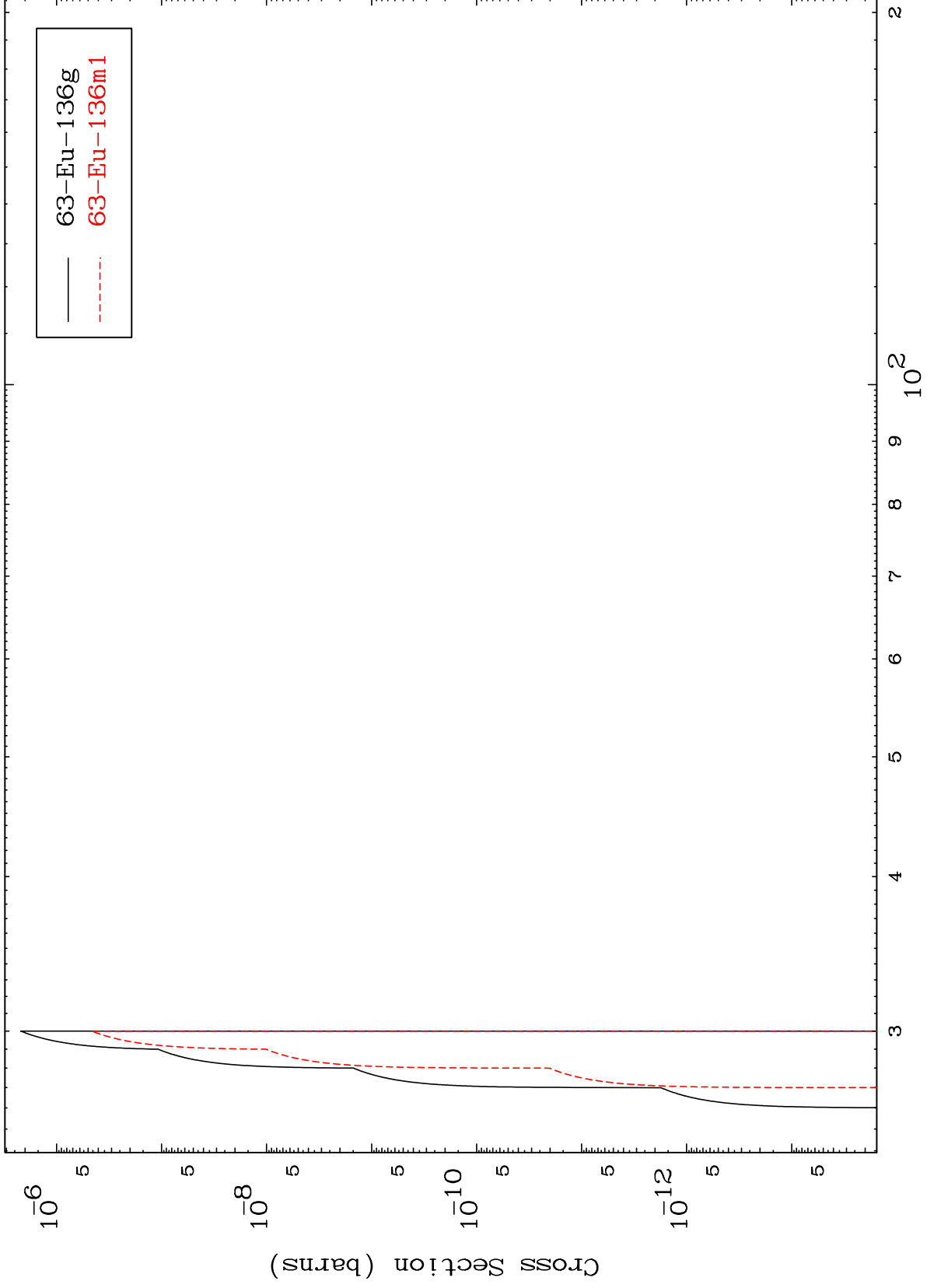
64-Gd-139

MAT 6387

(n,3n) p

64-Gd-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

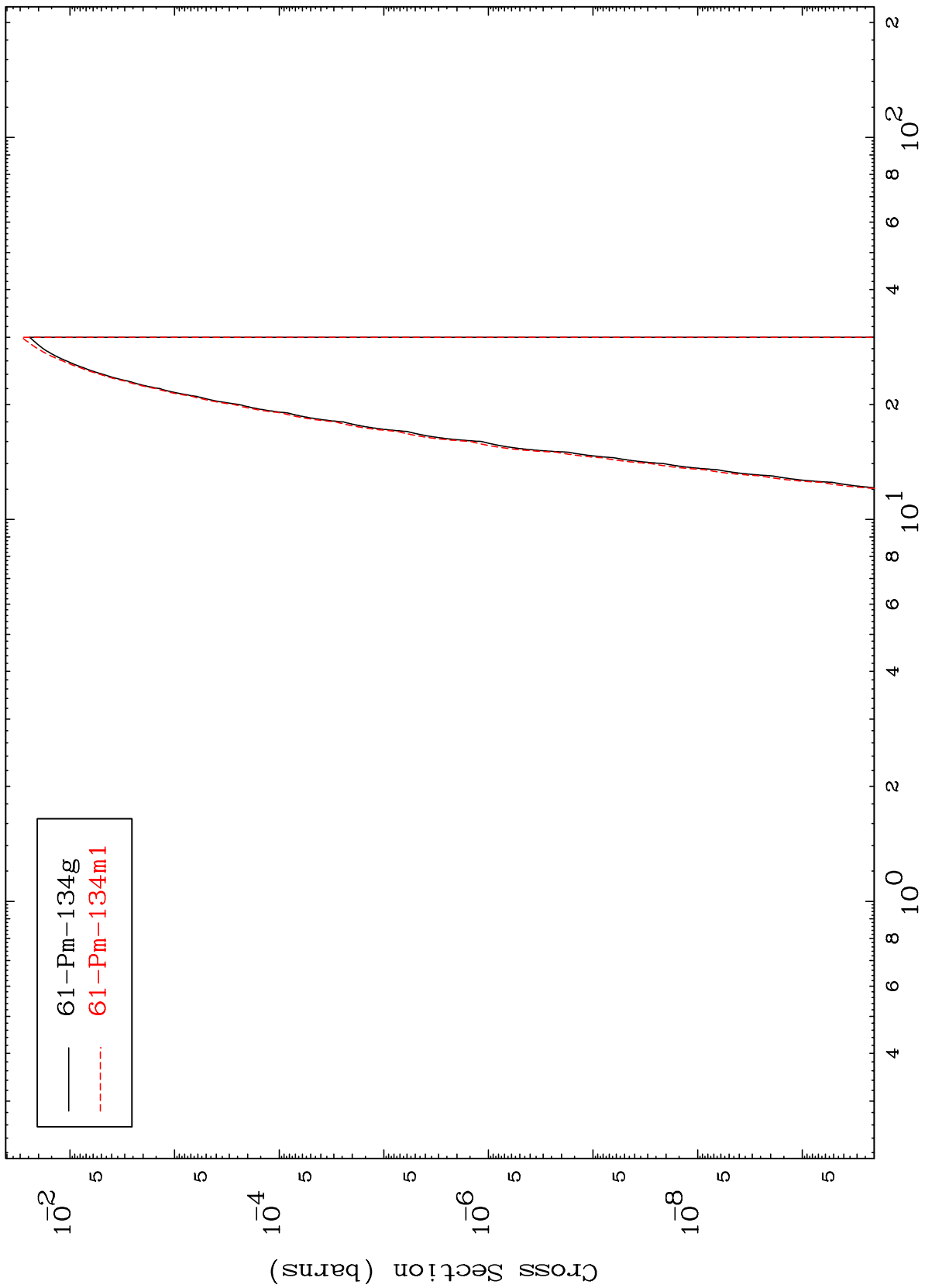
64-Gd-139

MAT 6387

(n,n') p α

64-Gd-139

Radionuclide Production Cross Section



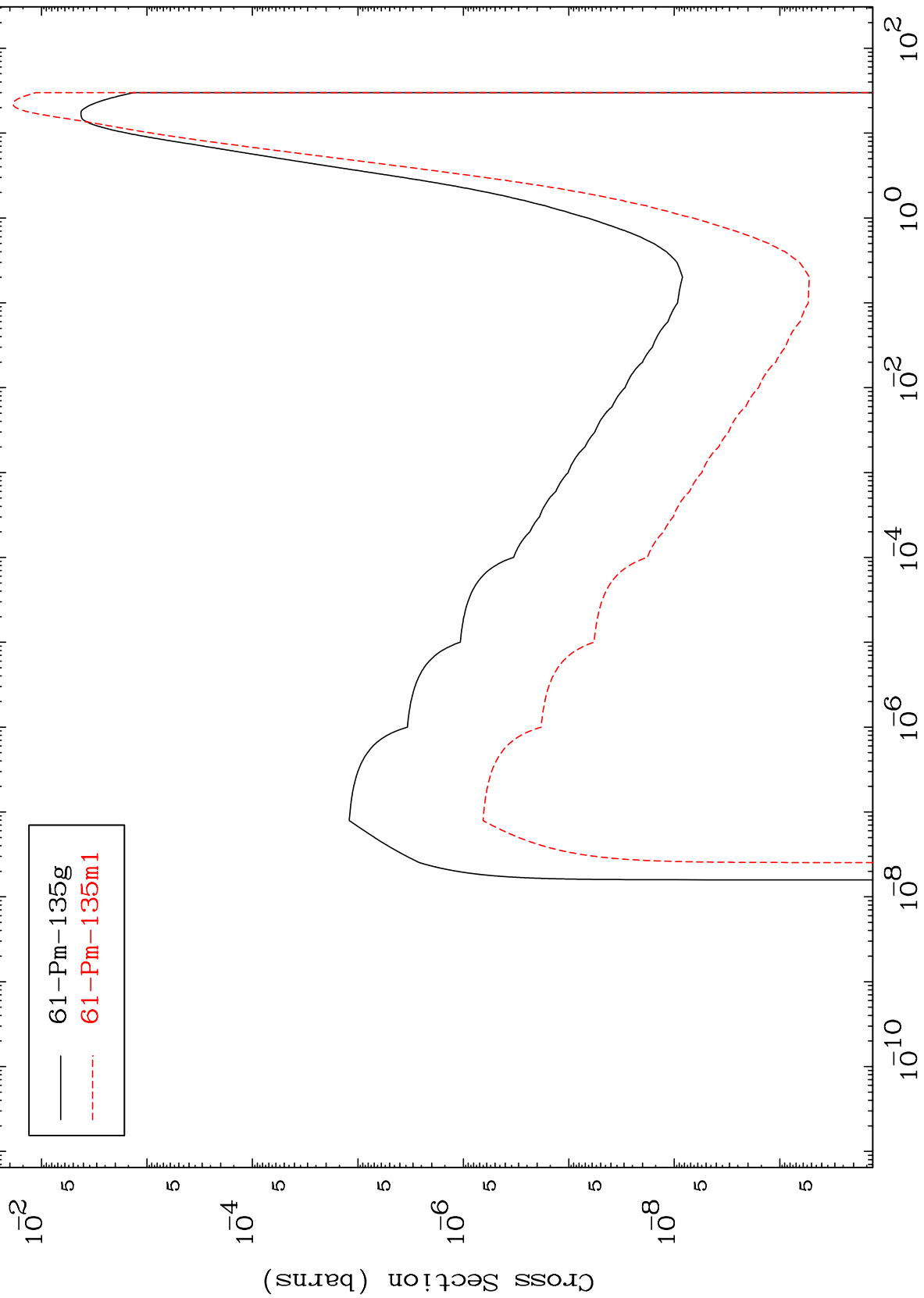
61-Pm-134g
61-Pm-134m1

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(n,p) α

64-Gd-139

Radionuclide Production Cross Section



MAT 6387

(n,d) α

64-Gd-139

Radionuclide Production Cross Section

