

Program EVALPLOT
(Version 2017-1)

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

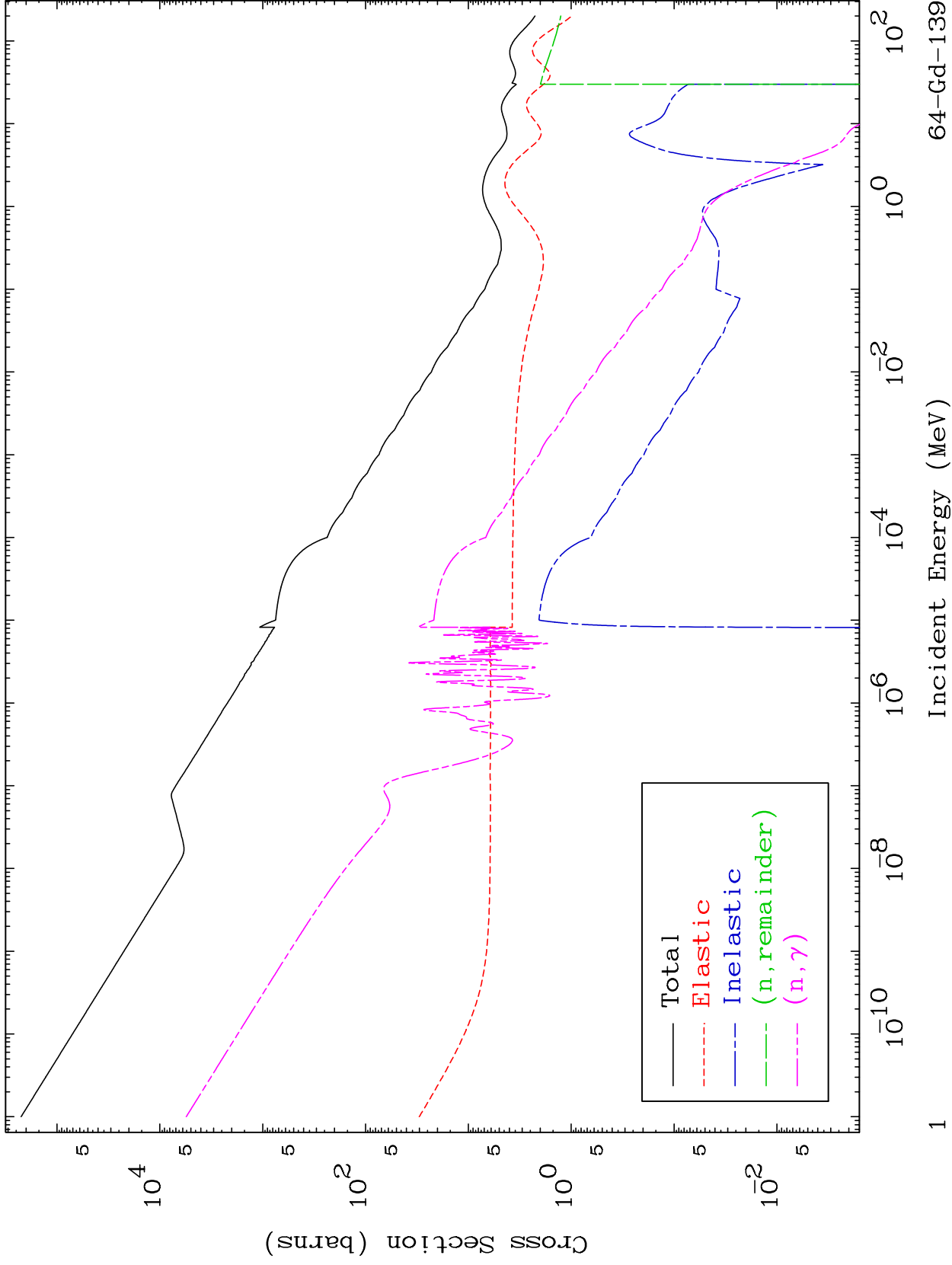
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Press Mouse Button to Start

MAT 6387

Major
293 Kelvin Cross Sections

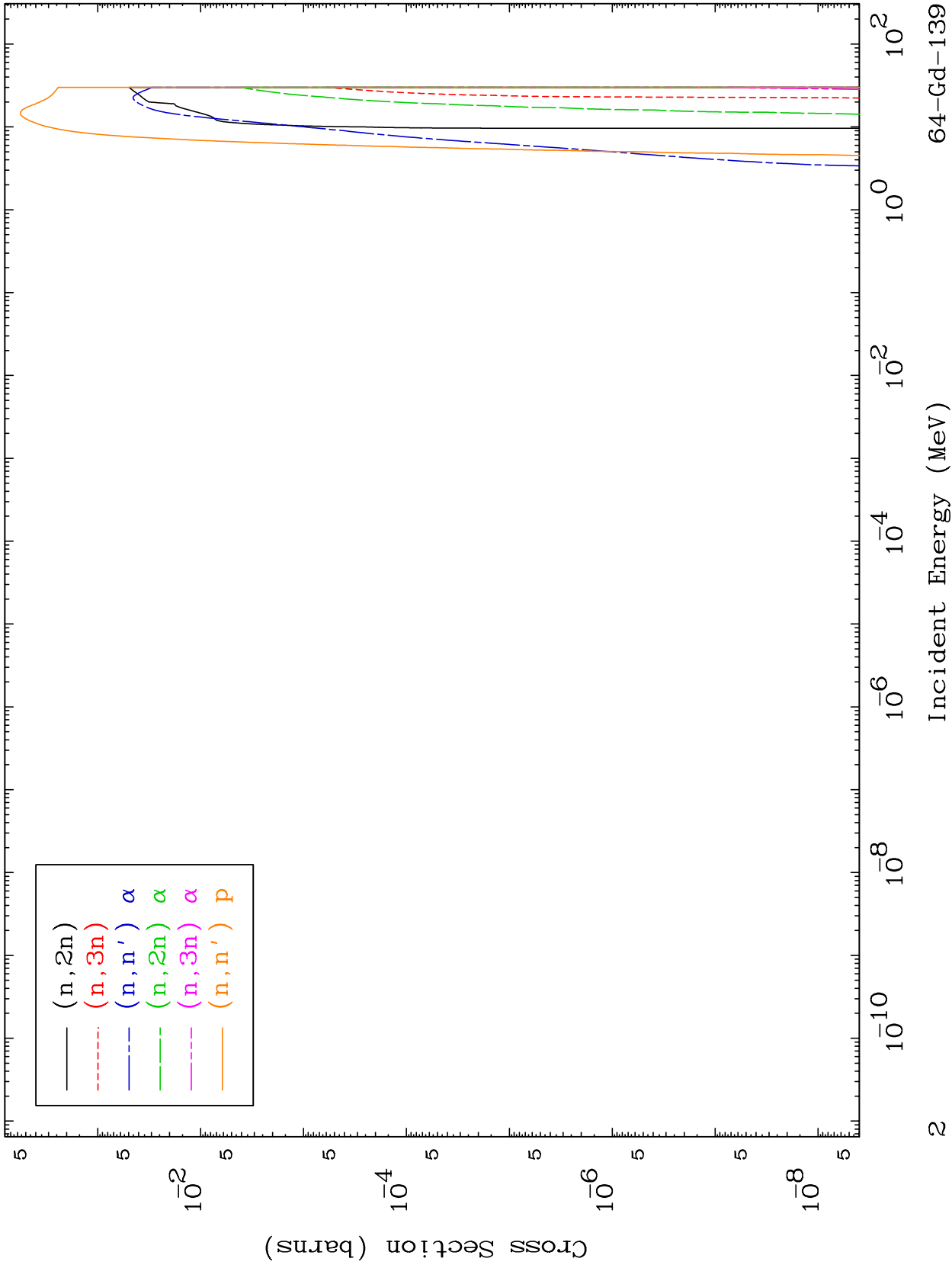
64-Gd-139



MAT 6387

Neutron Production
293 Kelvin Cross Sections

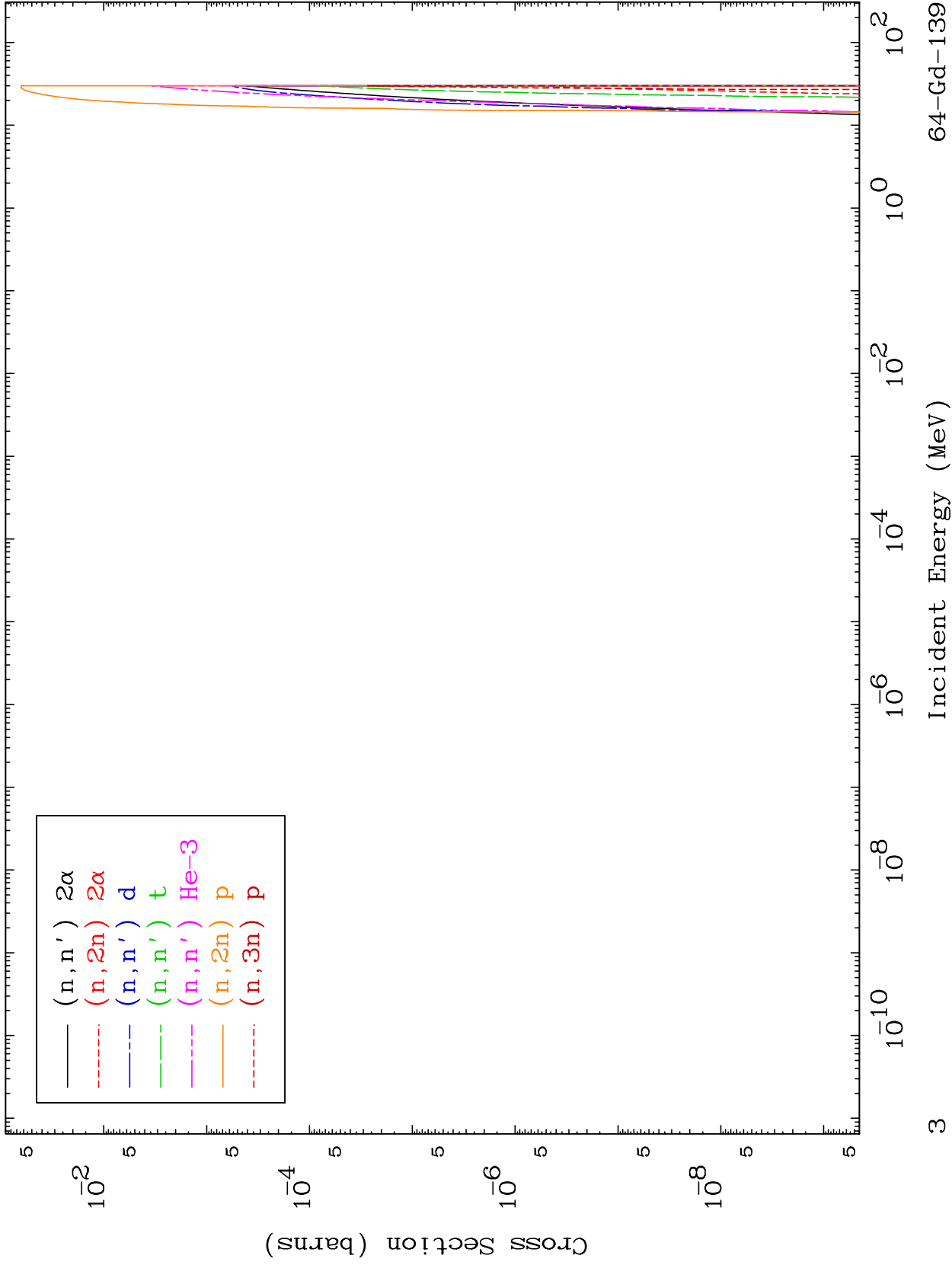
64-Gd-139



MAT 6387

Neutron Production
293 Kelvin Cross Sections

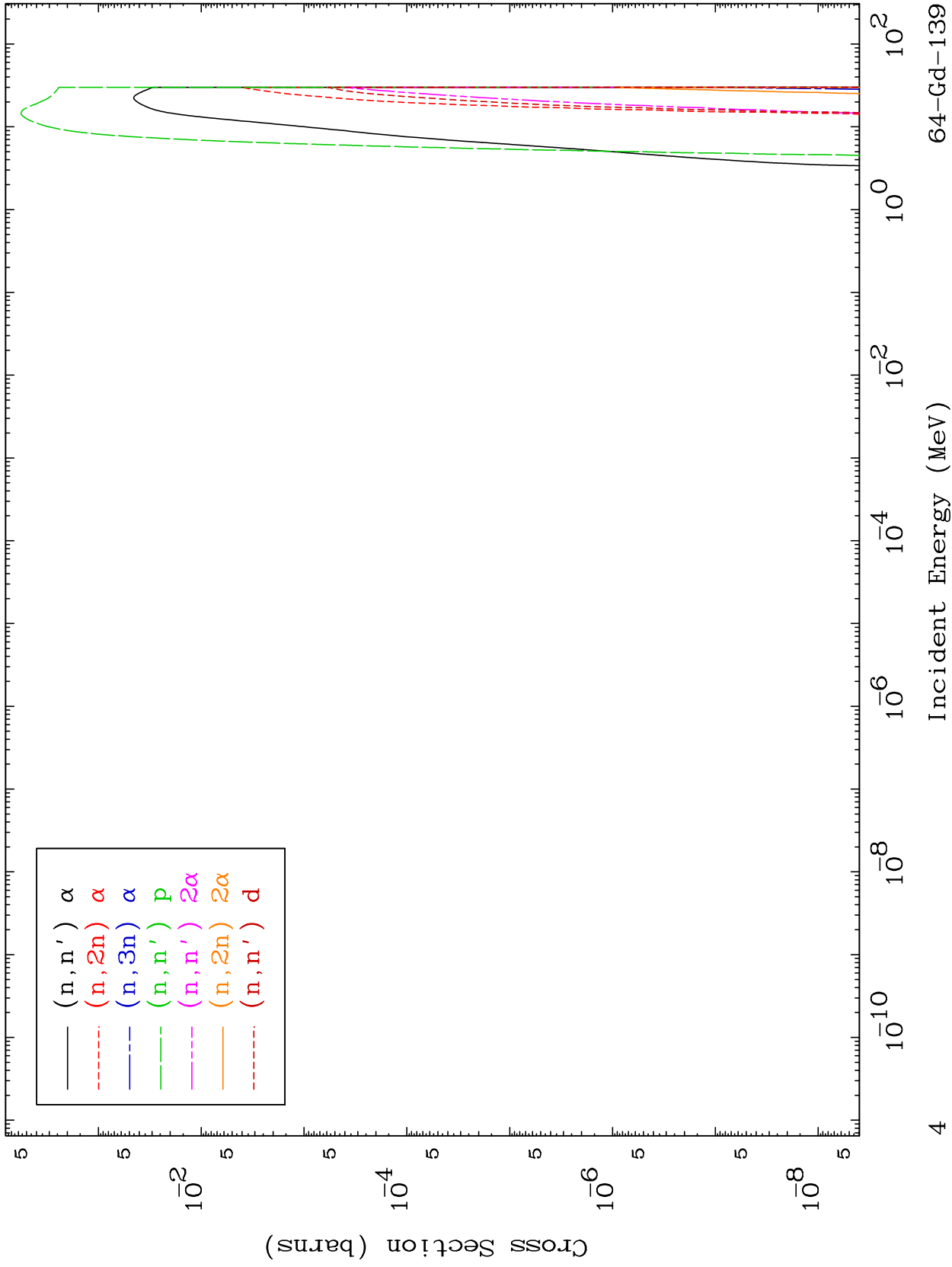
64-Gd-139



MAT 6387

Charged Particle
293 Kelvin Cross Sections

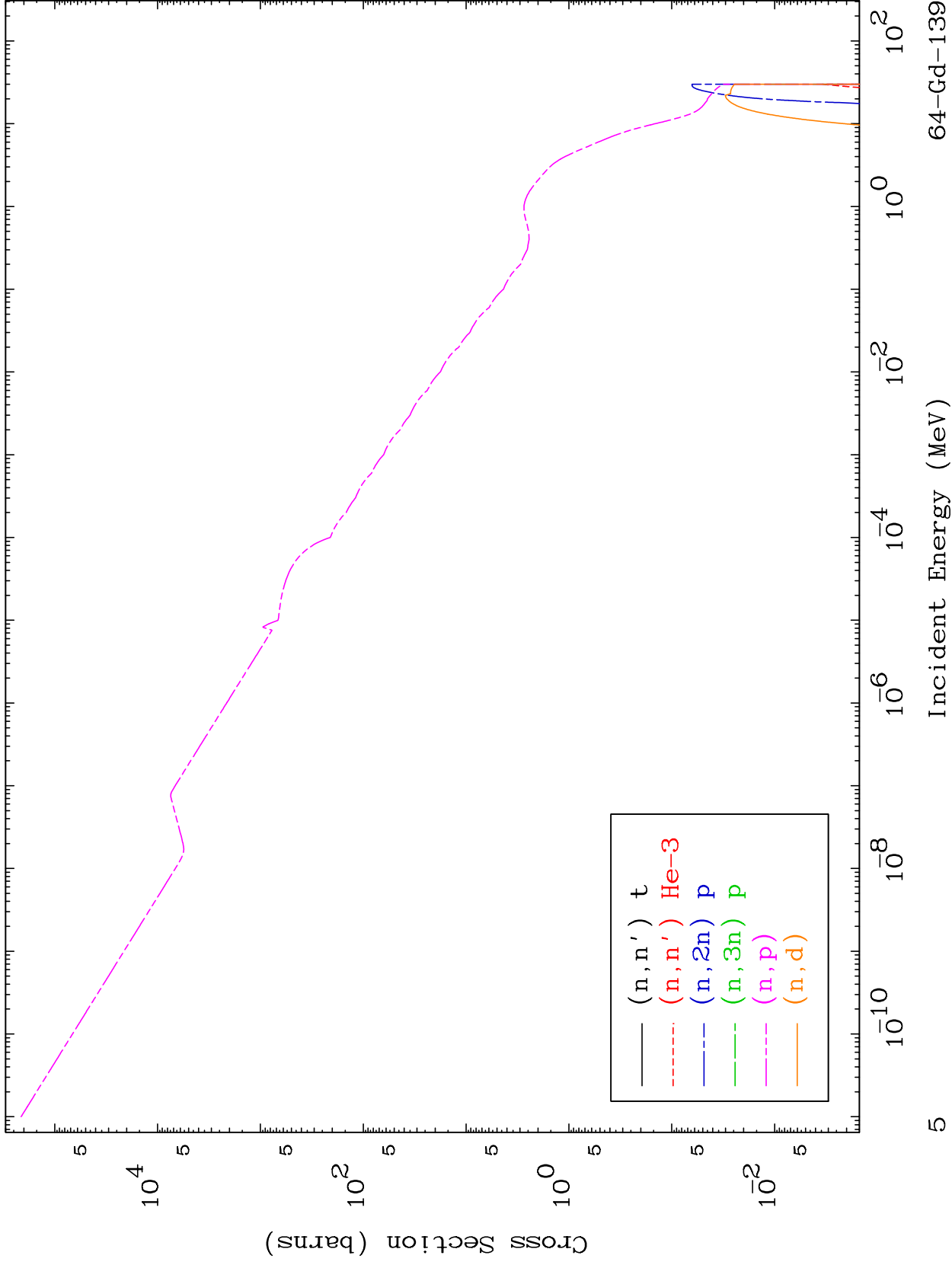
64-Gd-139



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Charged Particle
293 Kelvin Cross Sections

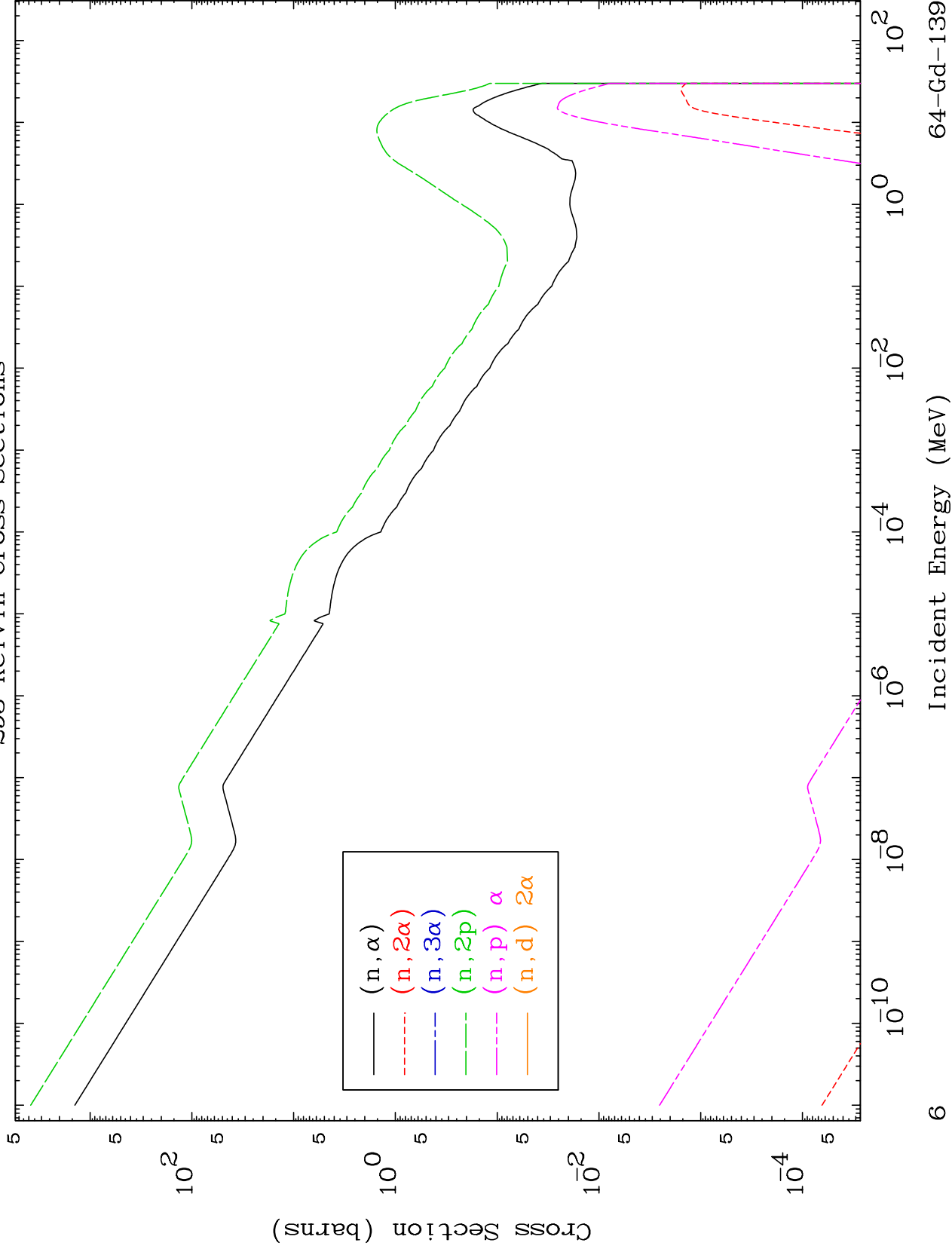
64-Gd-139



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Charged Particle
293 Kelvin Cross Sections

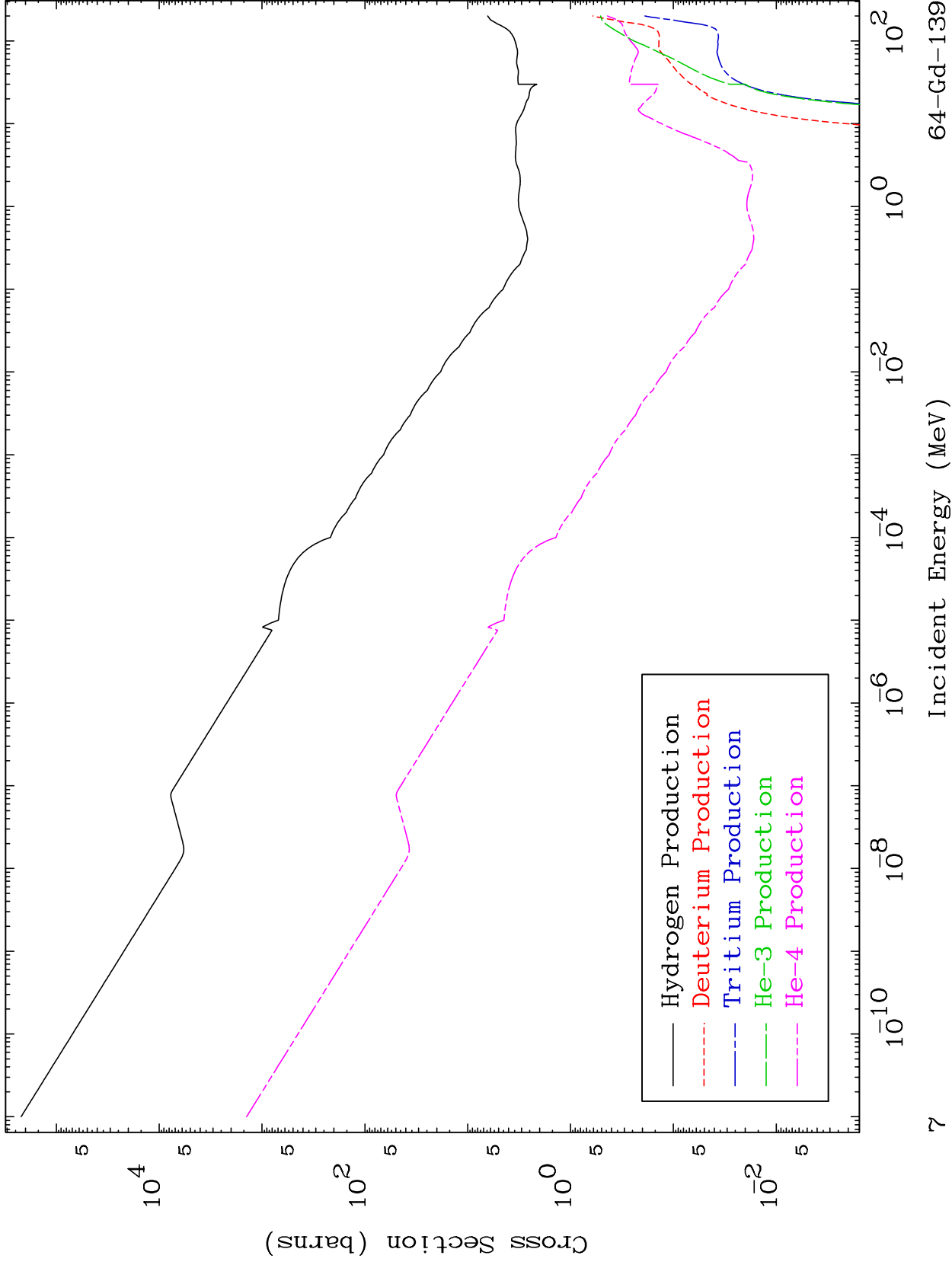
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Particle Production
293 Kelvin Cross Sections

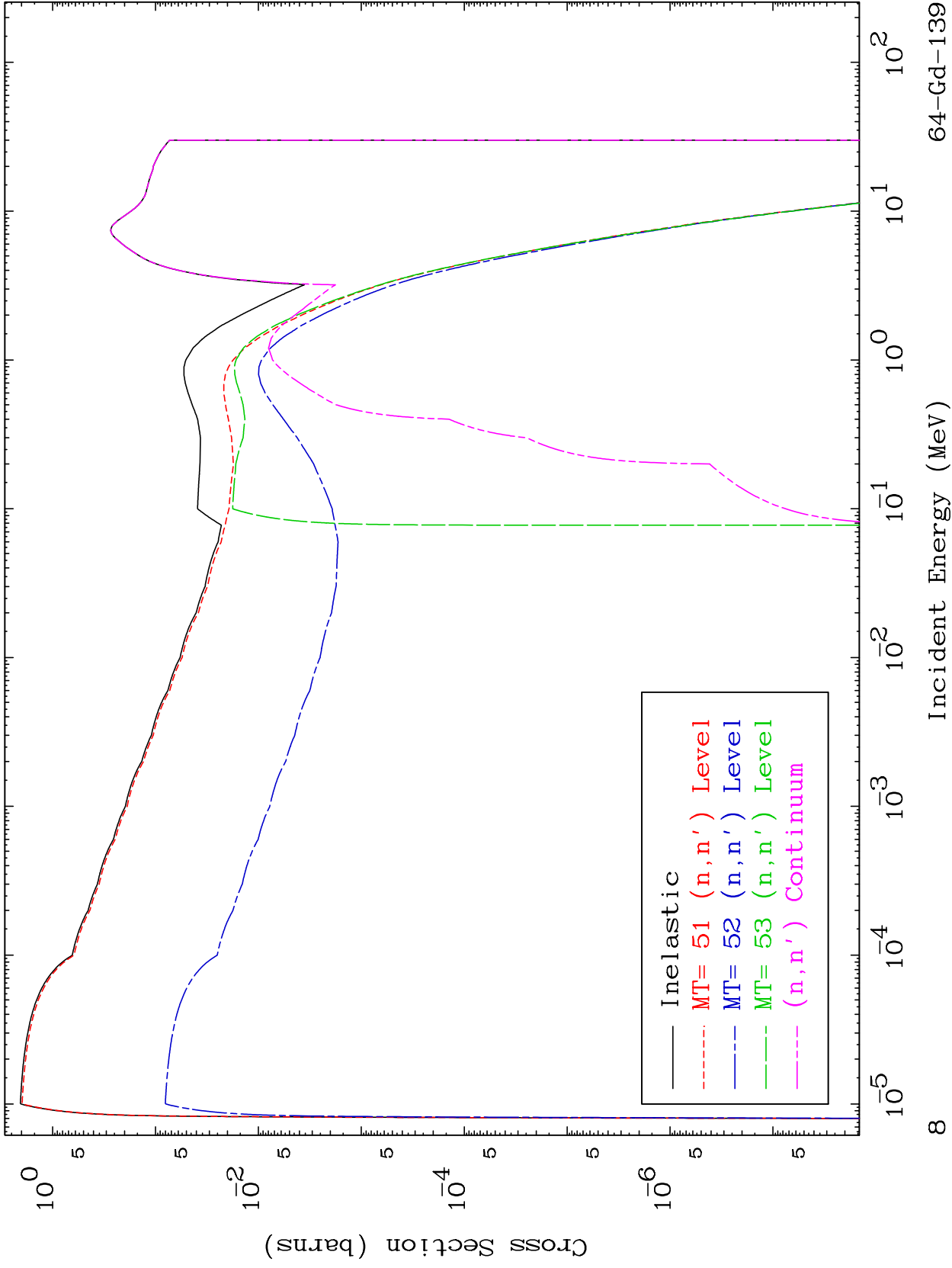
64-Gd-139



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(n,n') Level
293 Kelvin Cross Sections

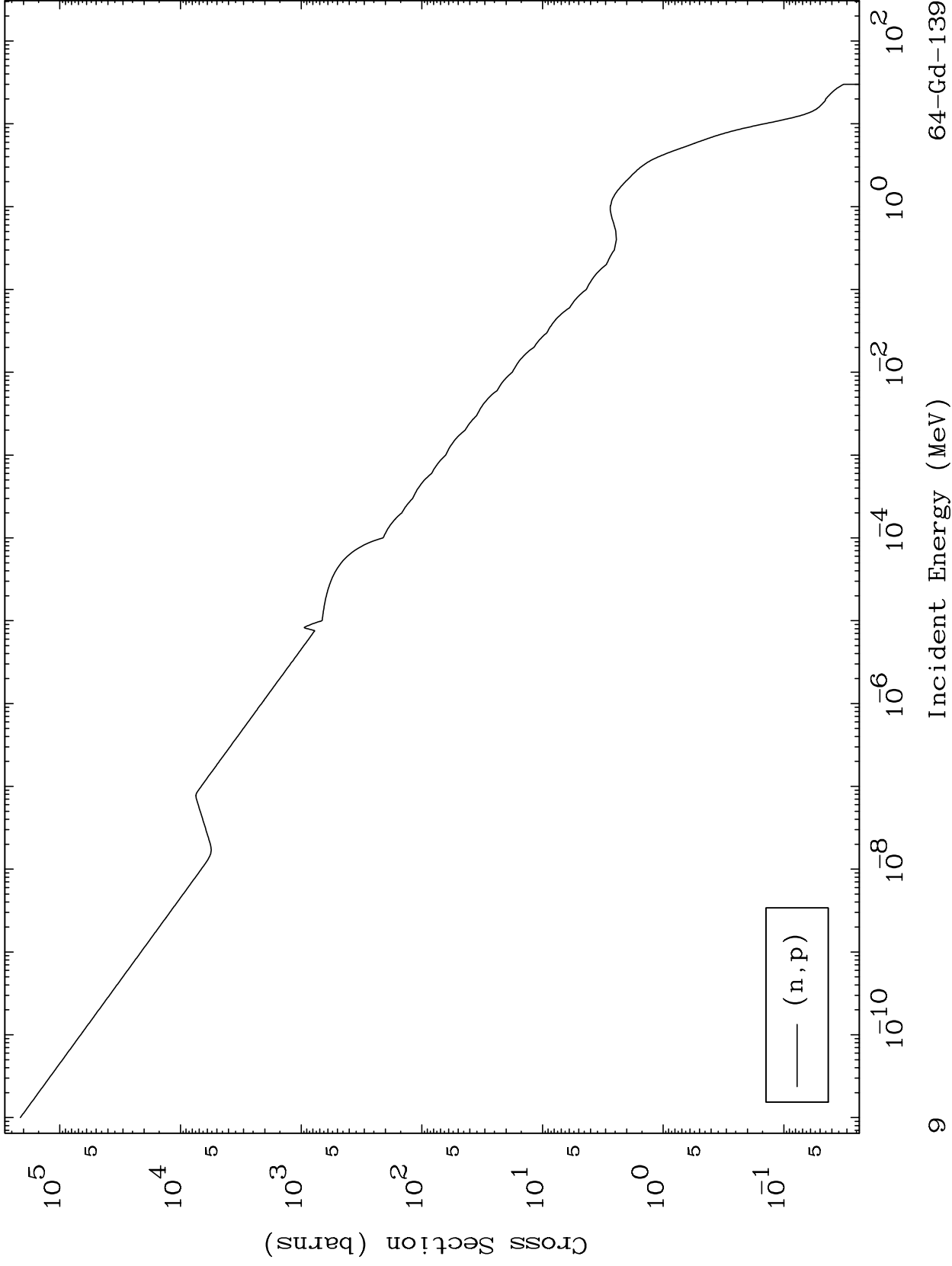
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(n,p) Levels
293 Kelvin Cross Sections

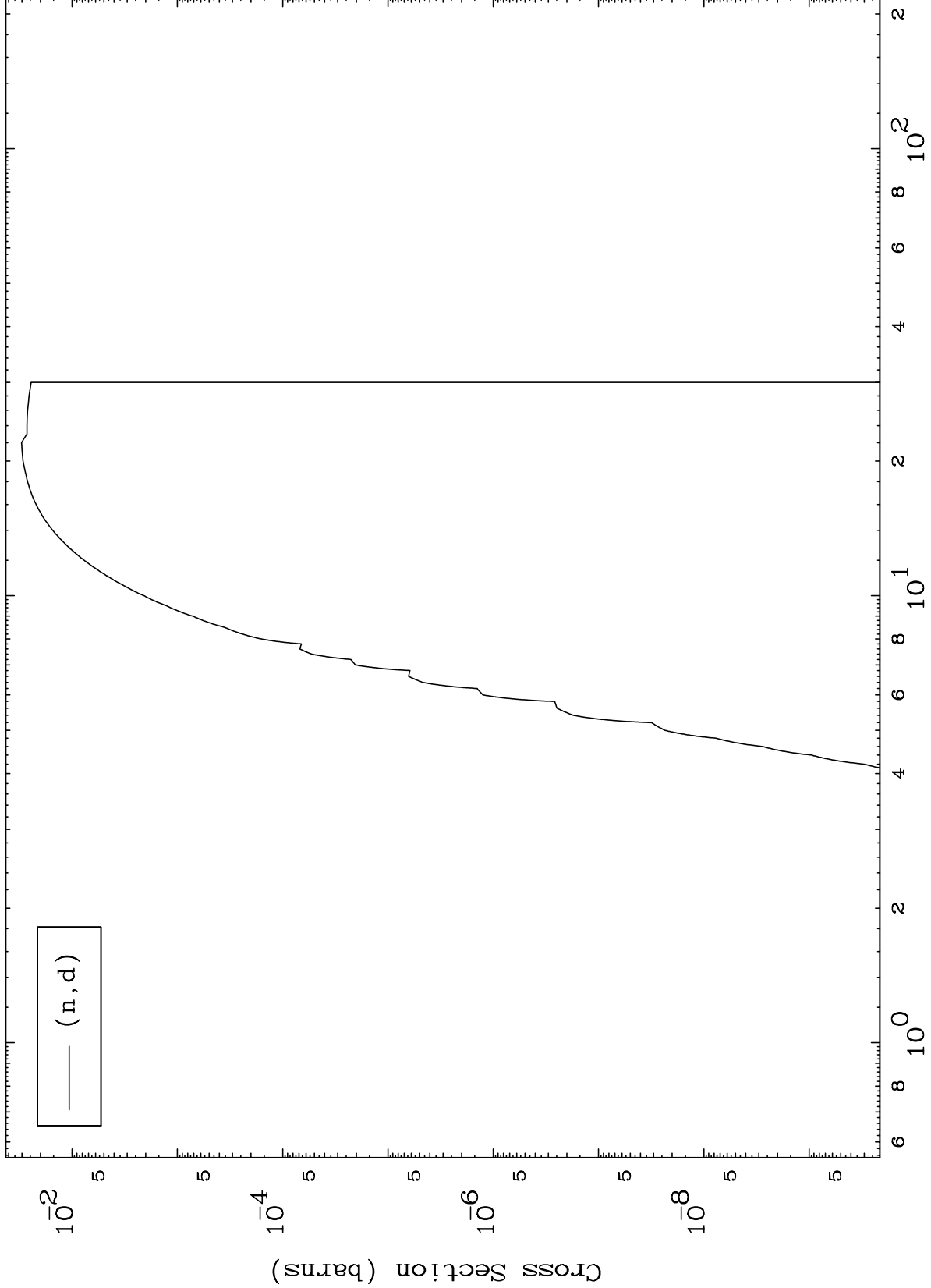
64-Gd-139



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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-139



10

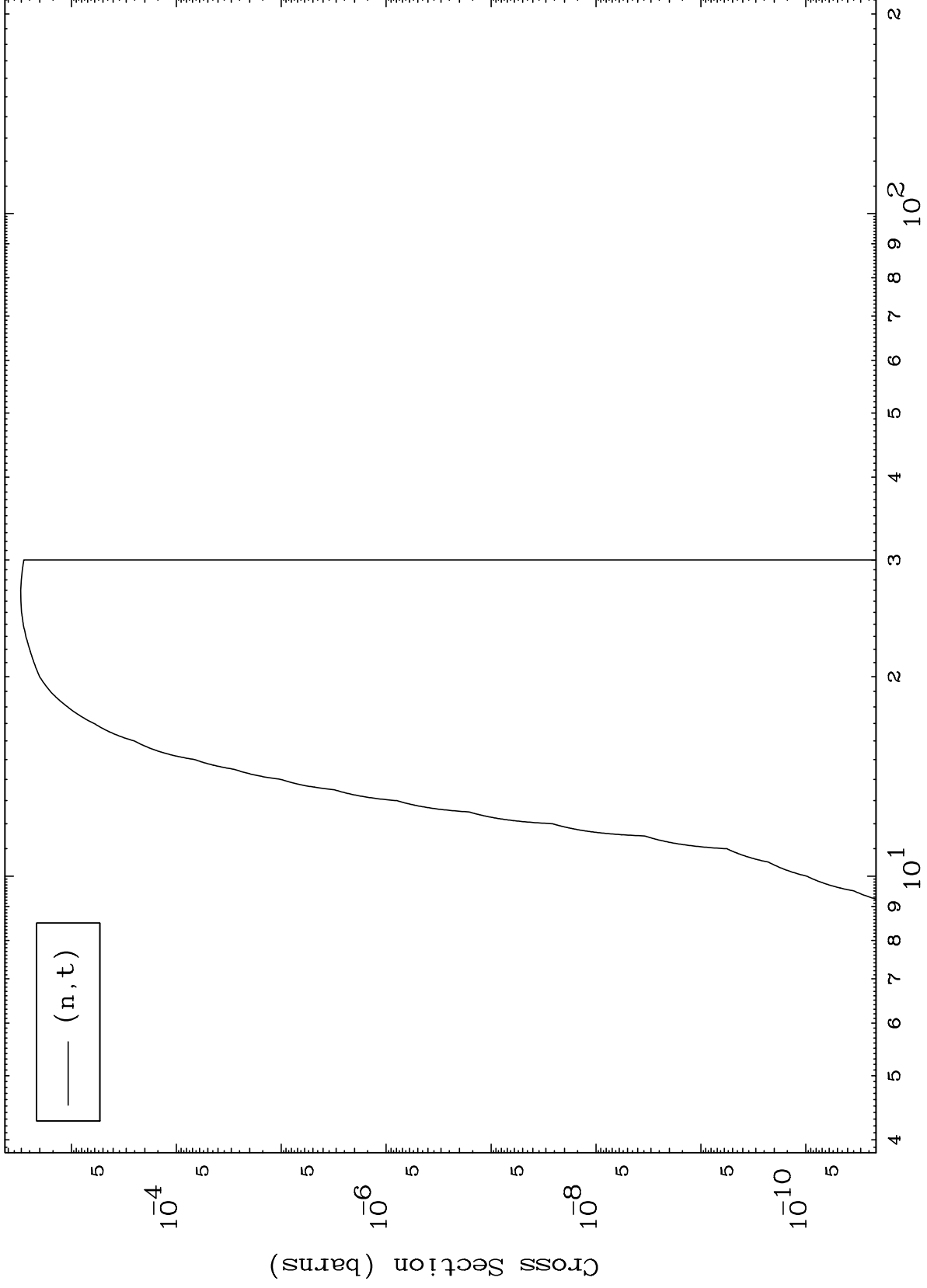
Incident Energy (MeV)

64-Gd-139

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(n,t) Levels
293 Kelvin Cross Sections

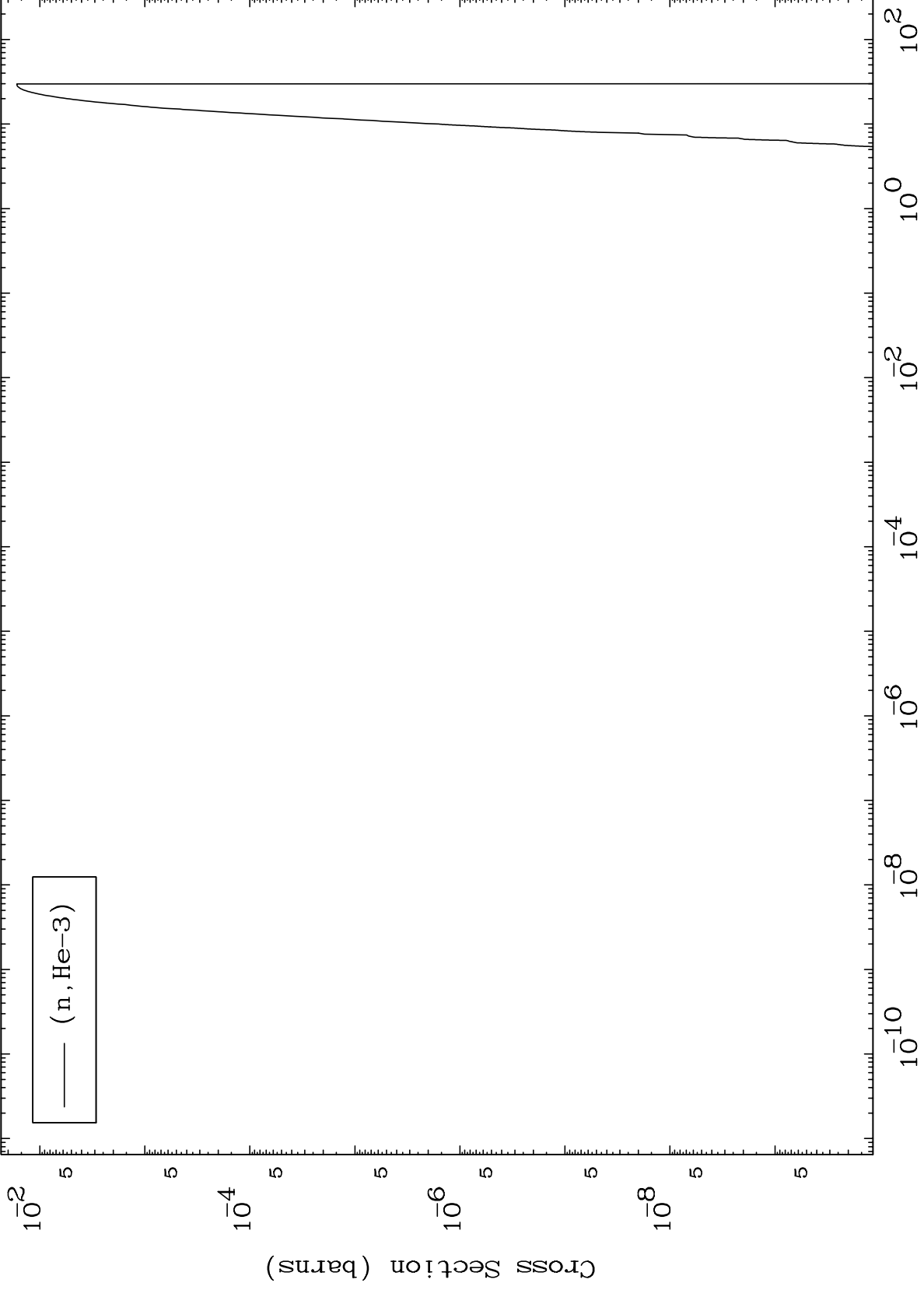
64-Gd-139



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(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-139



12

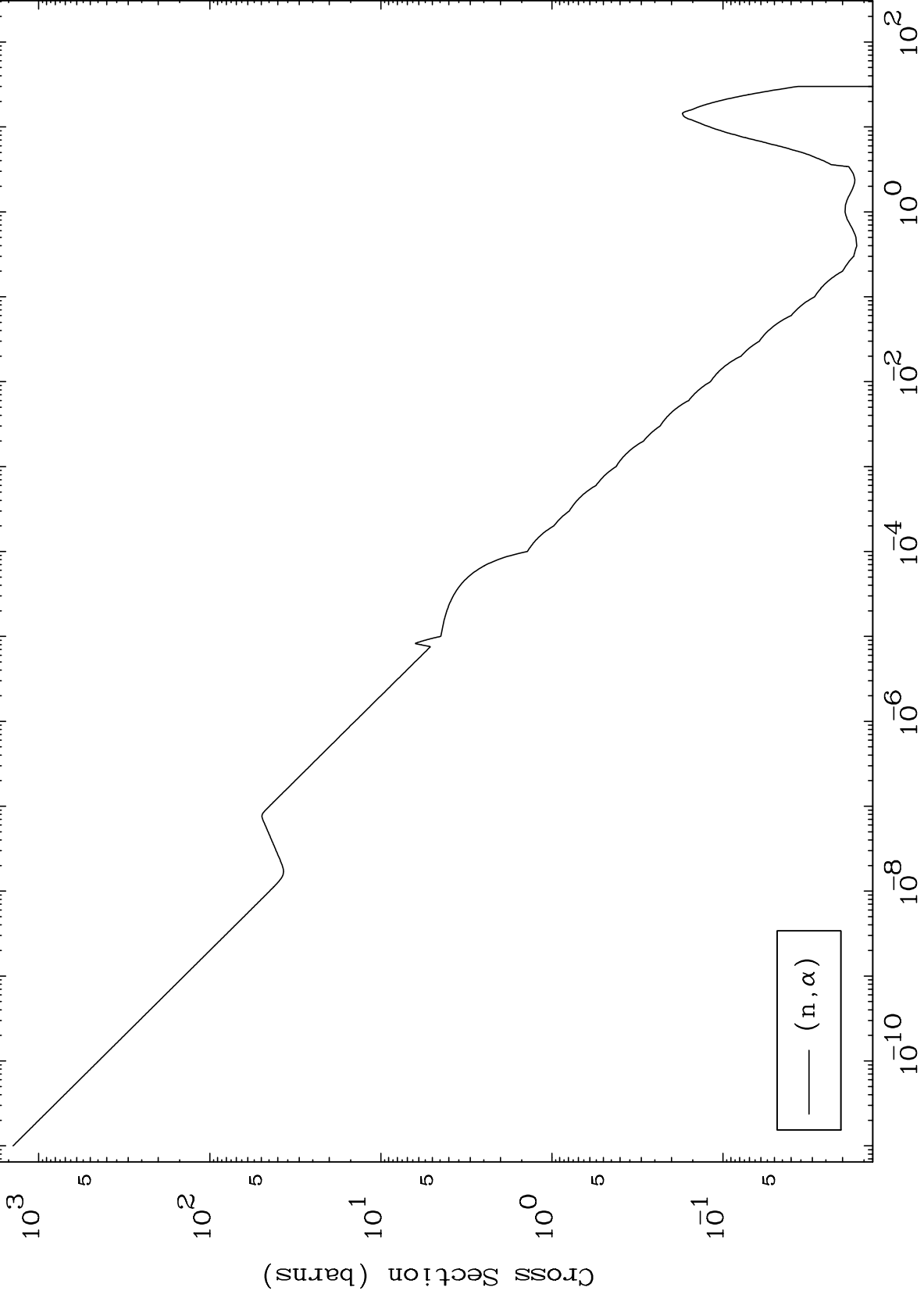
Incident Energy (MeV)

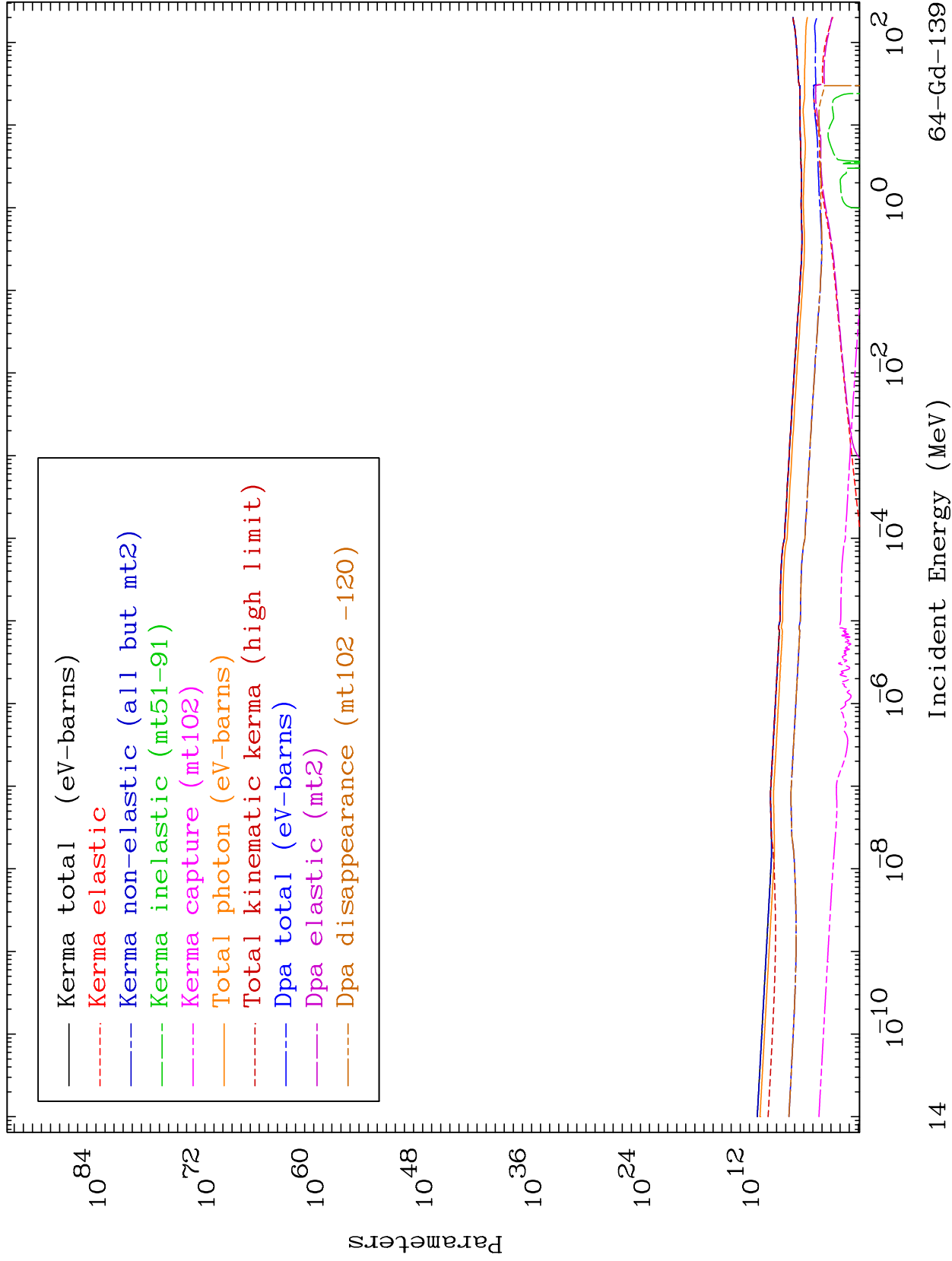
64-Gd-139

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(n,α) Levels
293 Kelvin Cross Sections

64-Gd-139

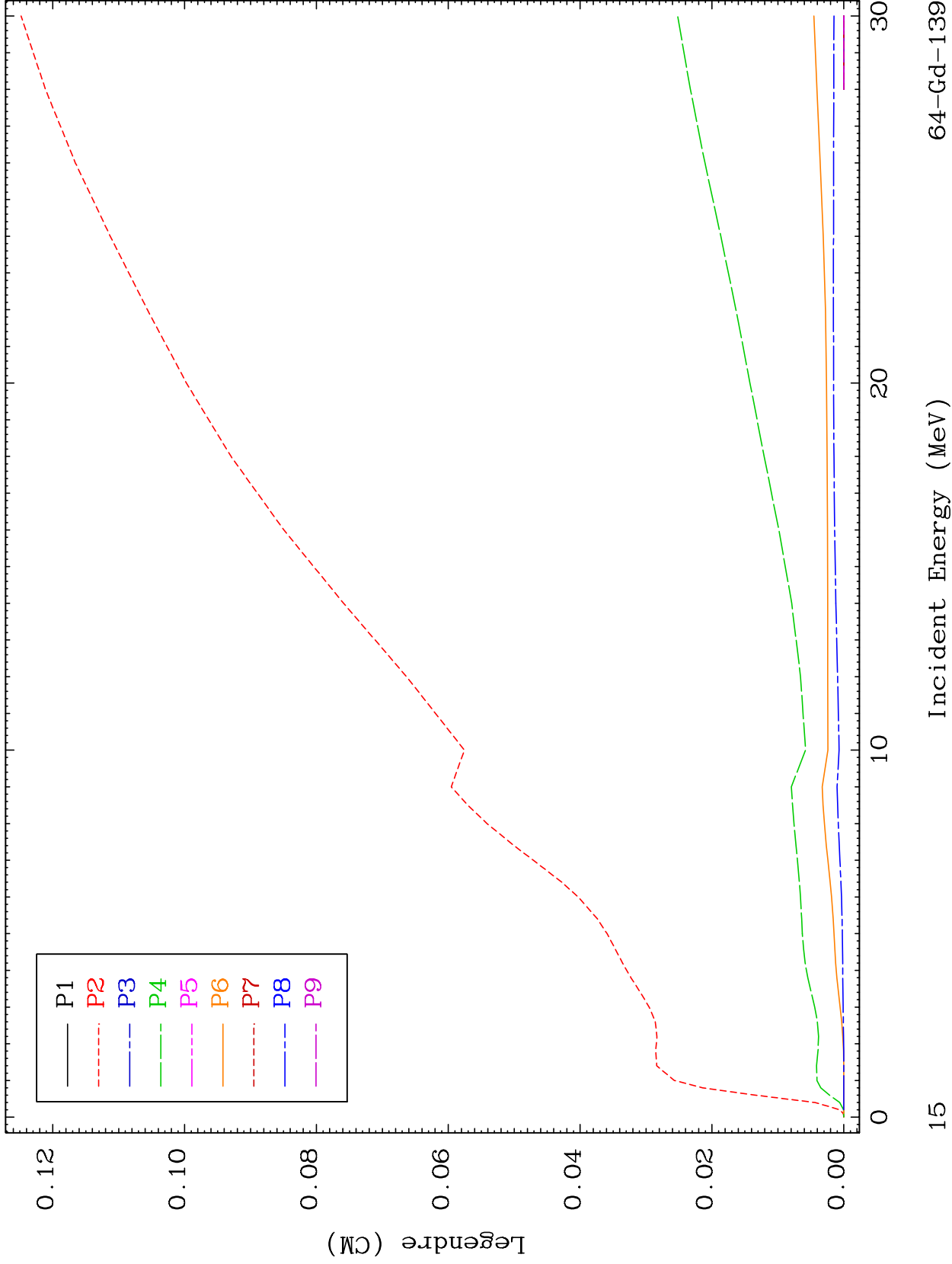




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Elastic Legendre Coefficients

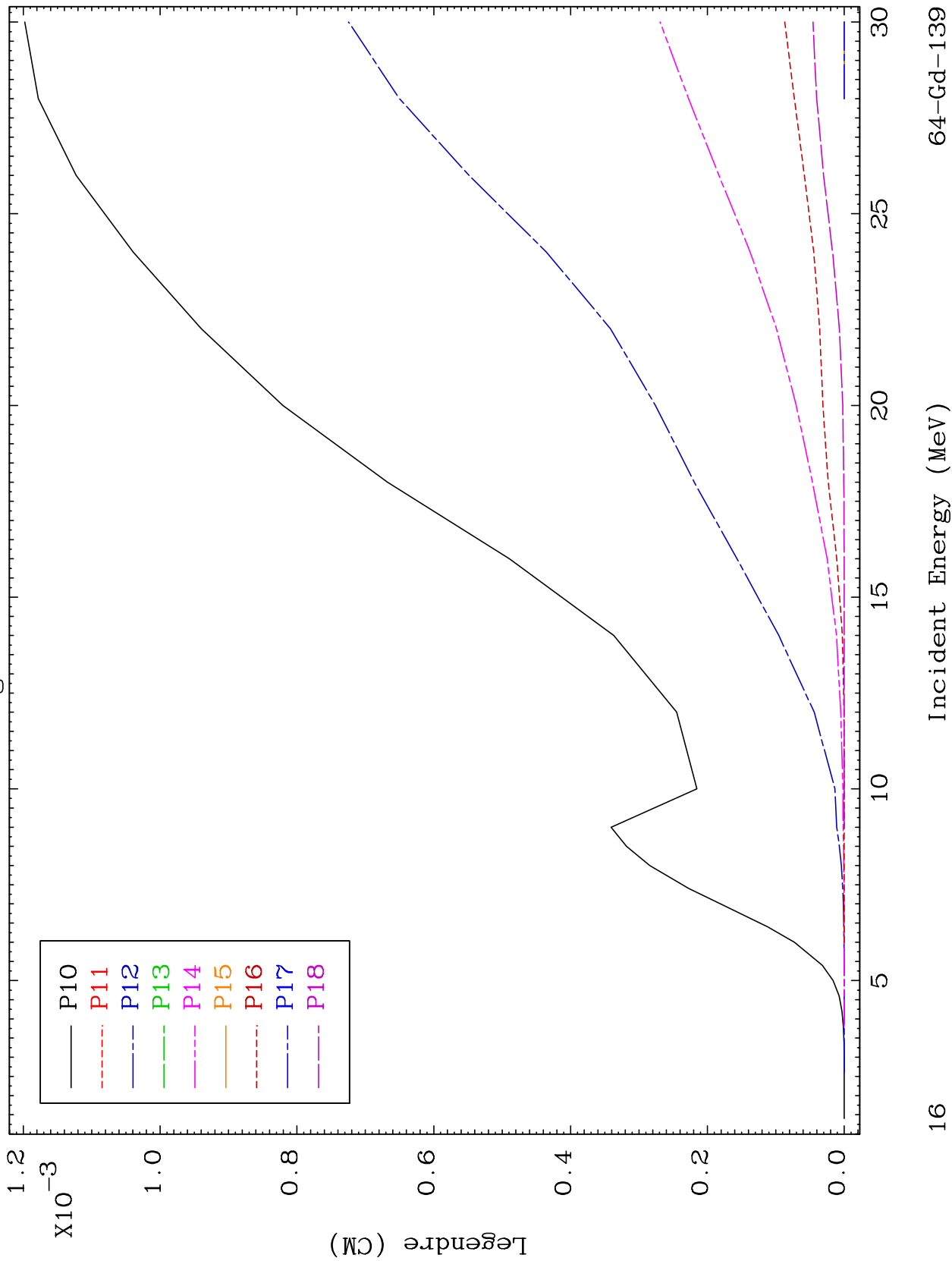
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Elastic Legendre Coefficients

64-Gd-139



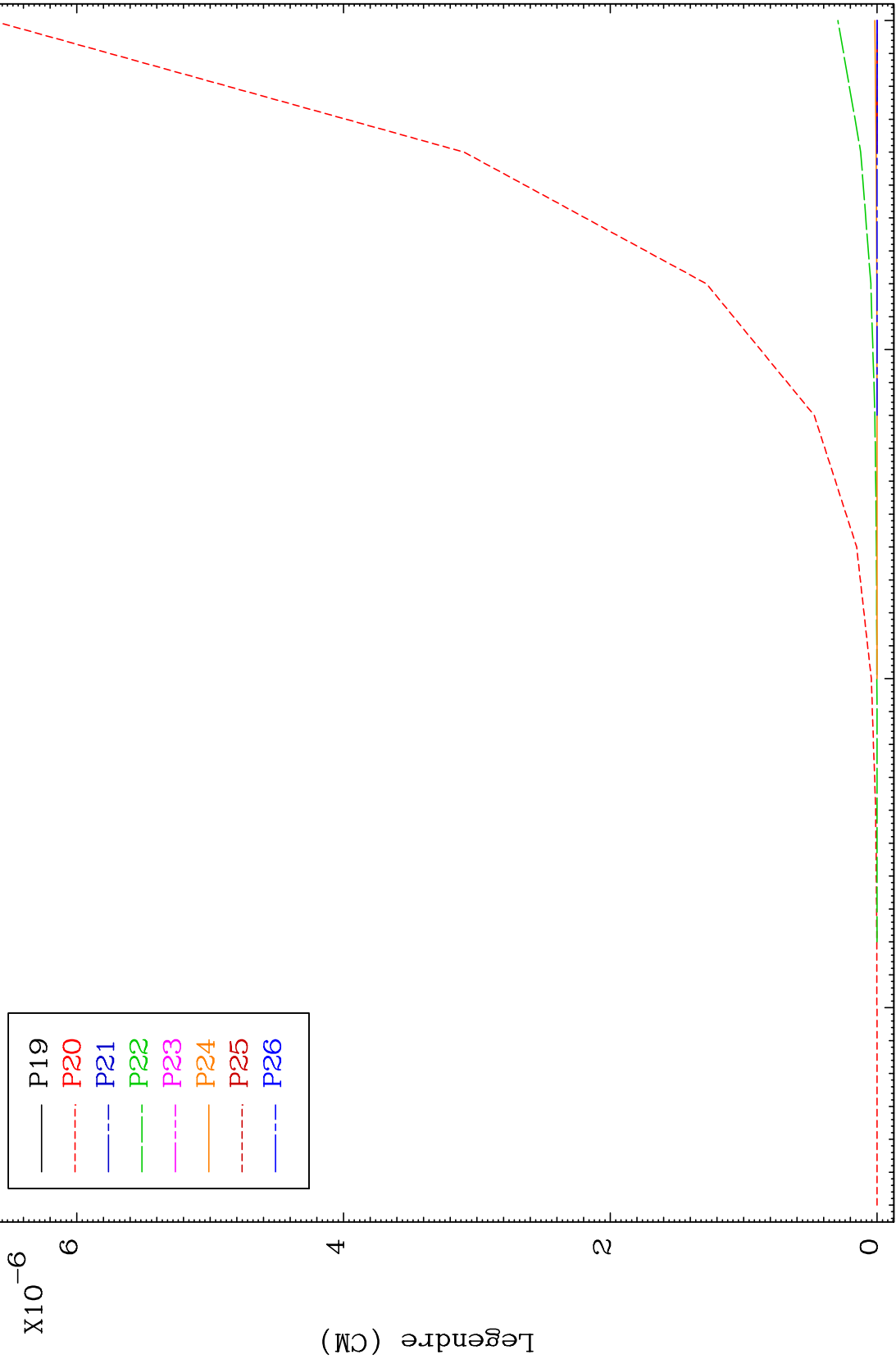
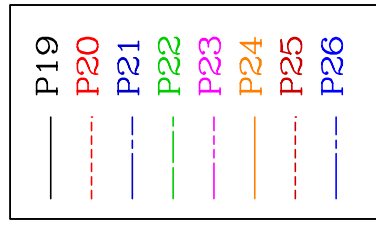
16

64-Gd-139

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Elastic Legendre Coefficients

64-Gd-139



17

Incident Energy (MeV)

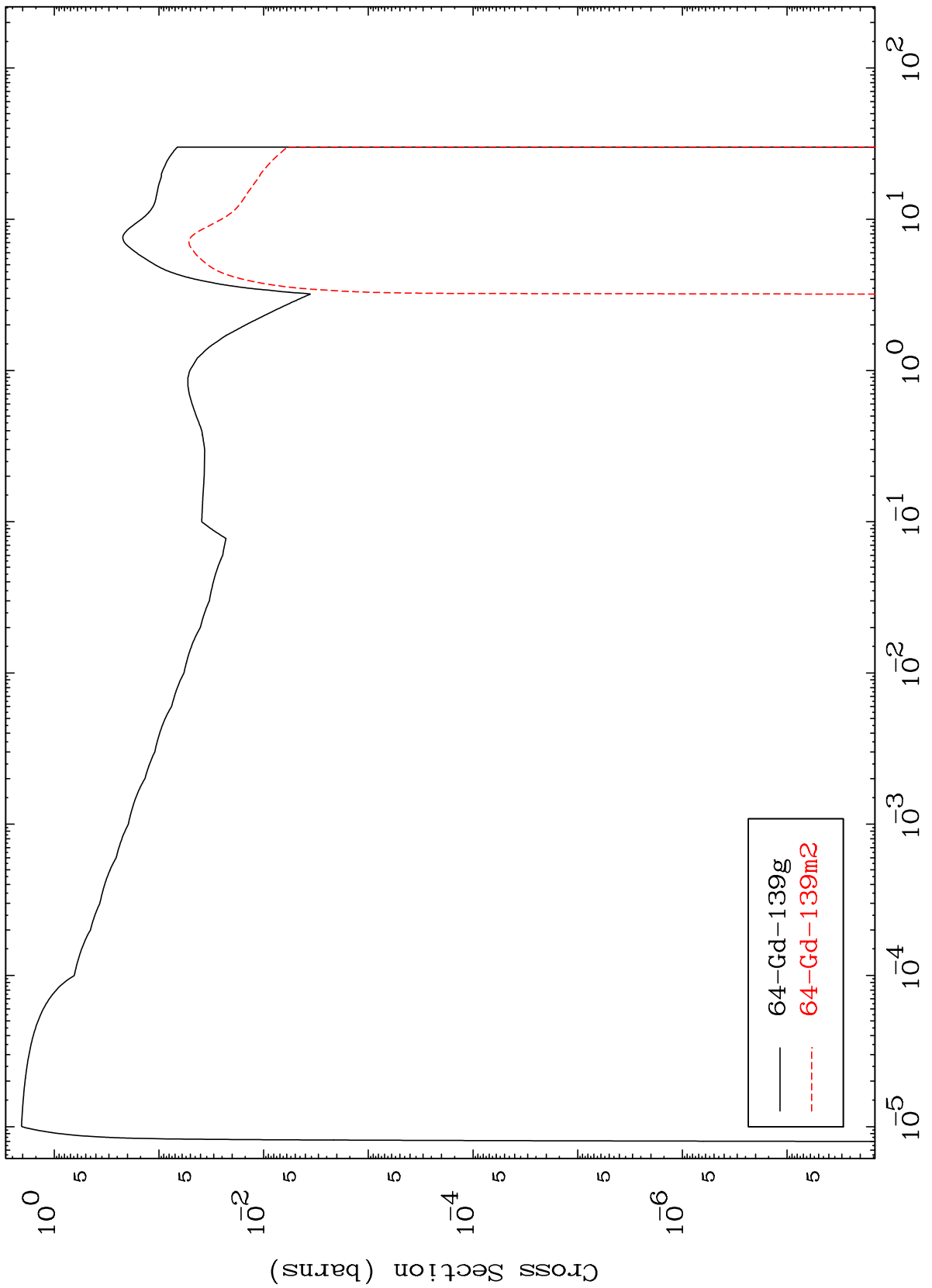
64-Gd-139

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Inelastic

64-Gd-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

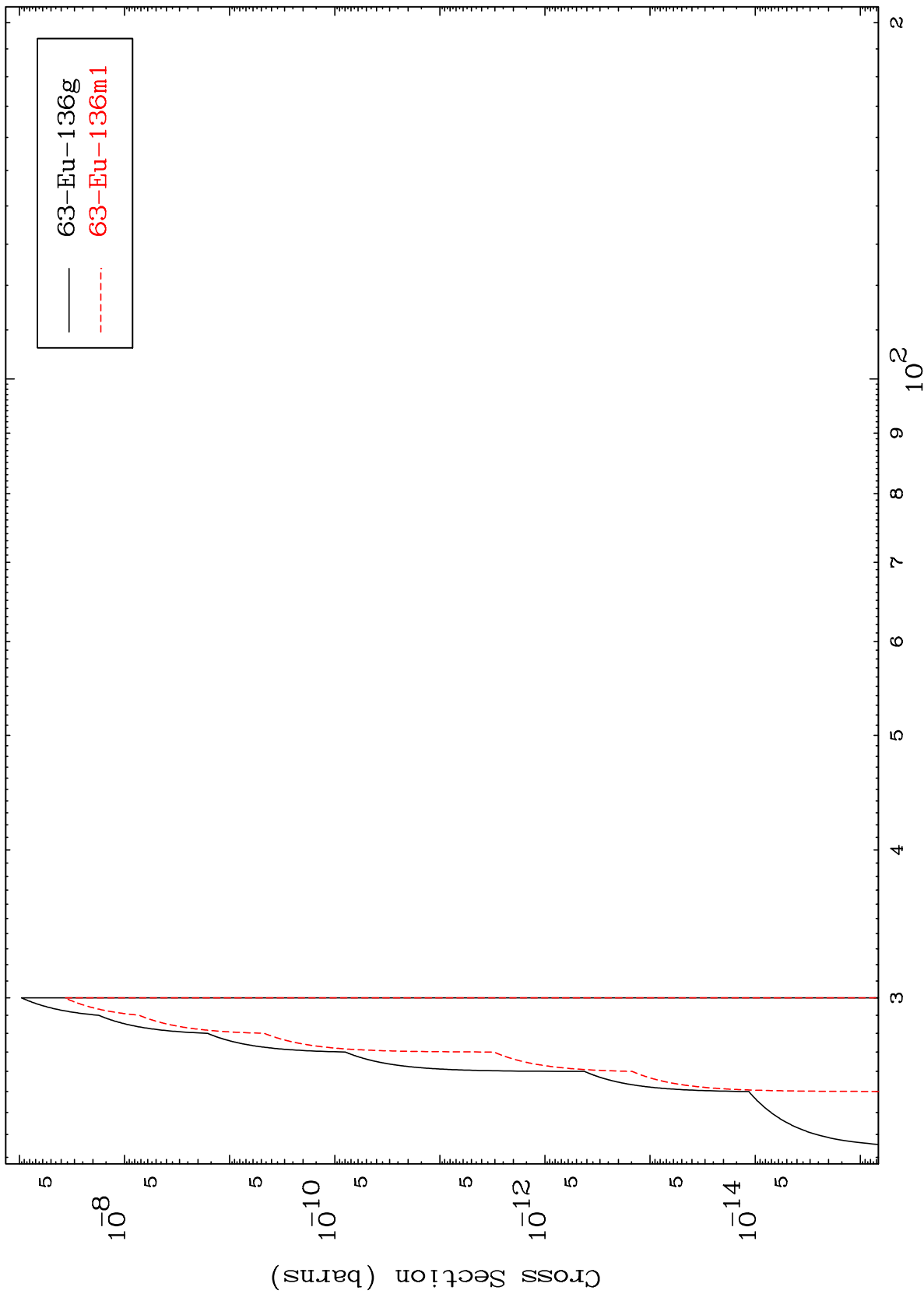
64-Gd-139

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(n,2n) d

64-Gd-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

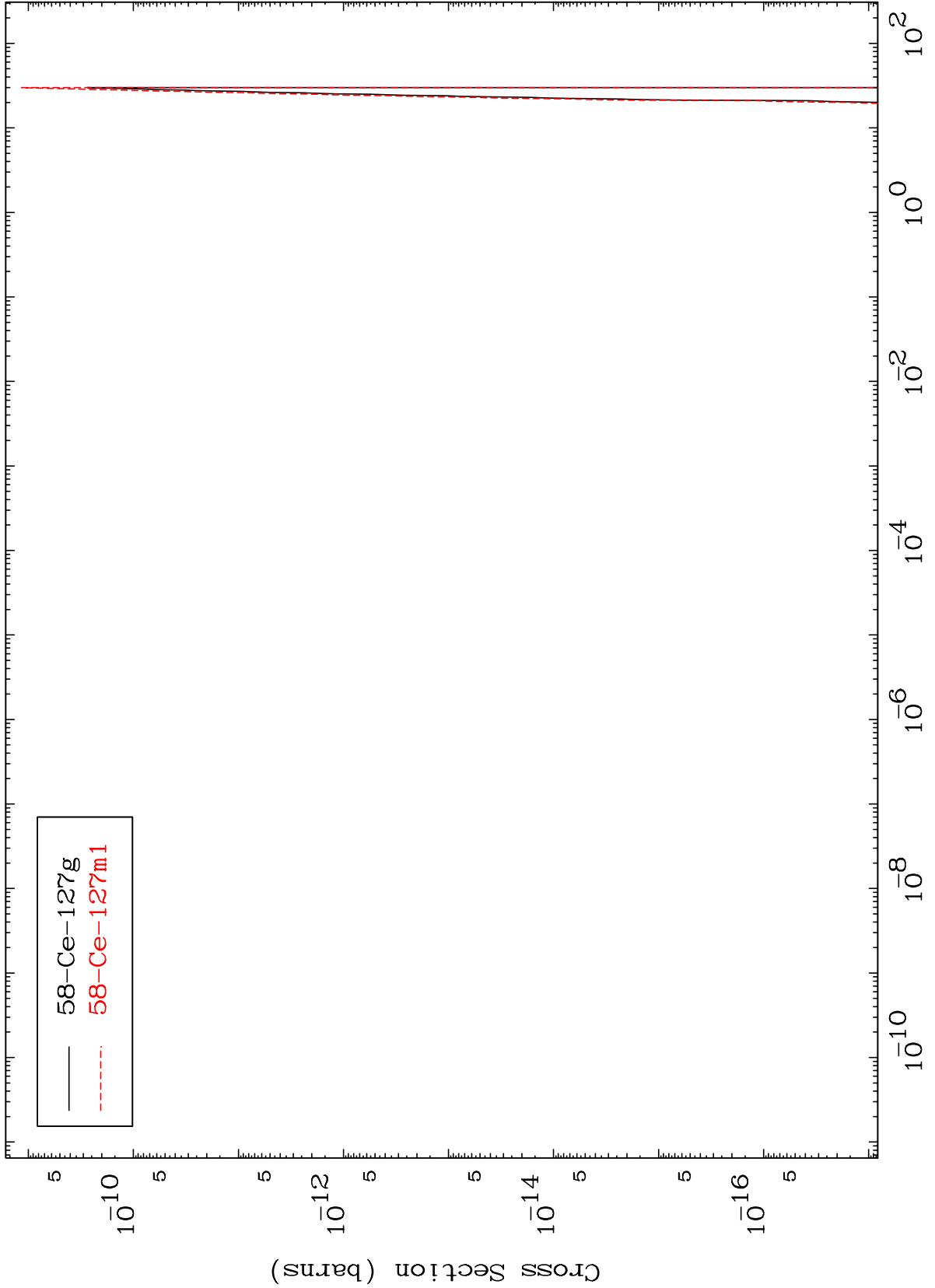
64-Gd-139

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(n,n') 3 α

64-Gd-139

Radionuclide Production Cross Section

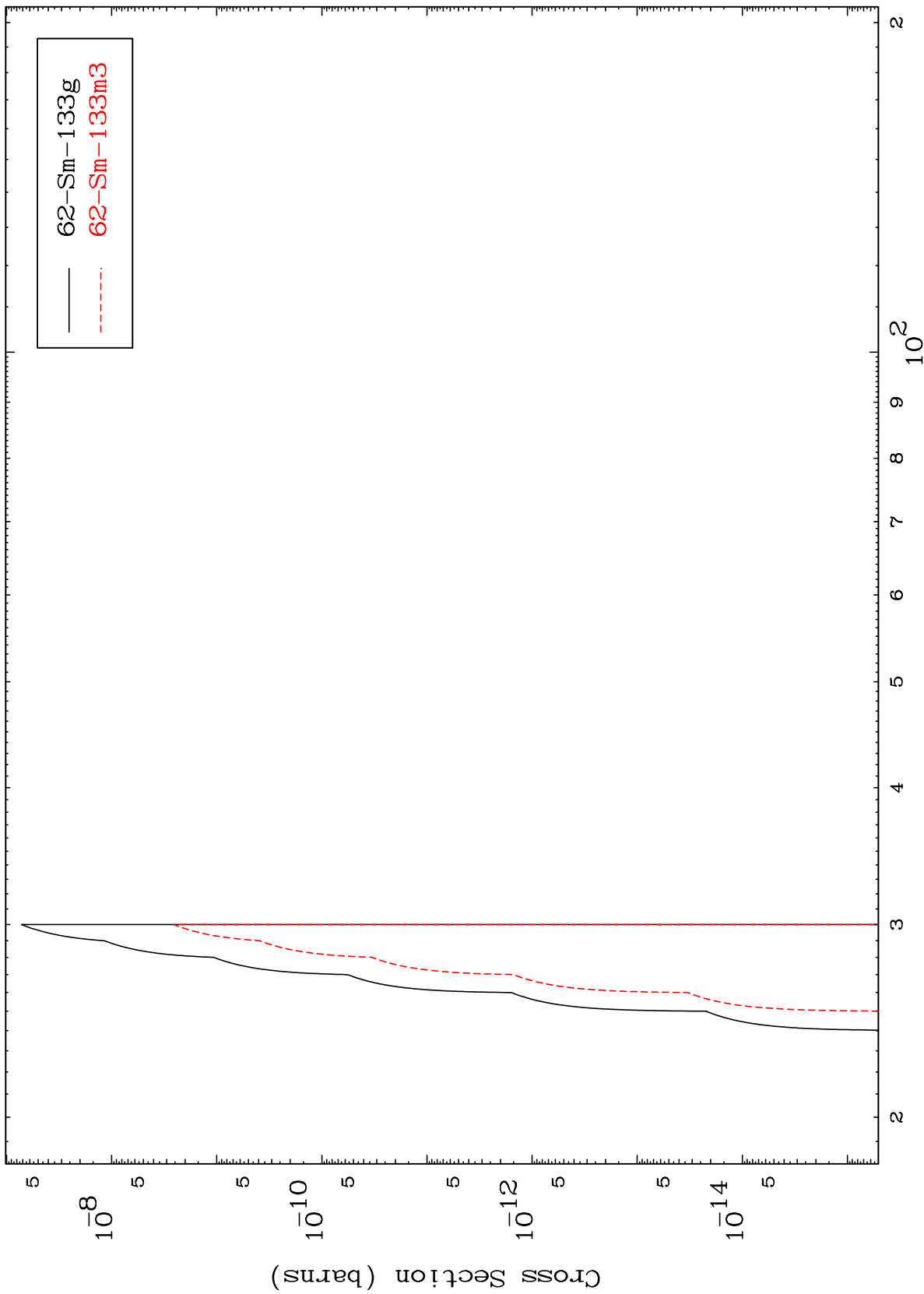


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(n,3n) α

64-Gd-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

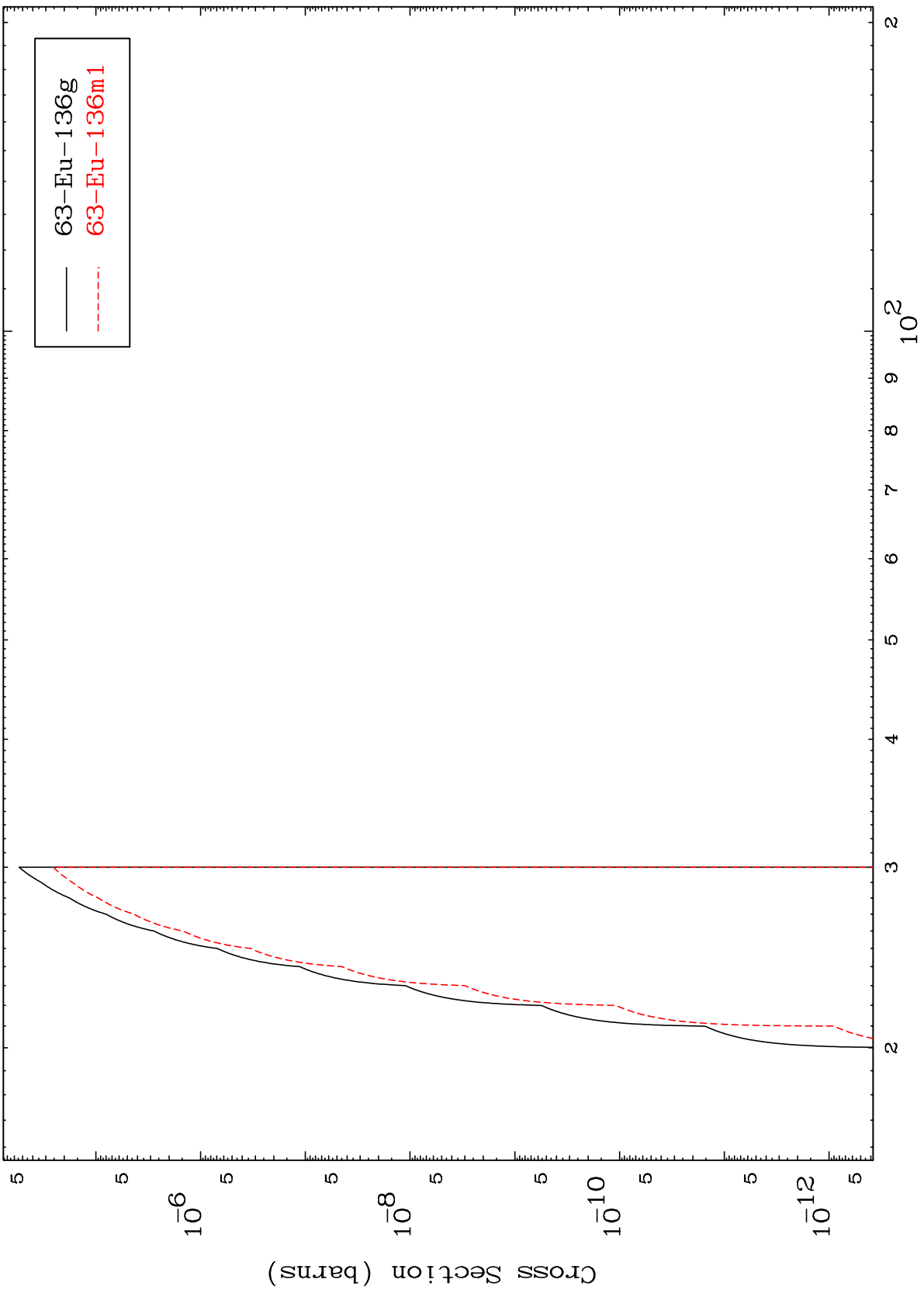
64-Gd-139

MAT 6387

(n,n') t

64-Gd-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

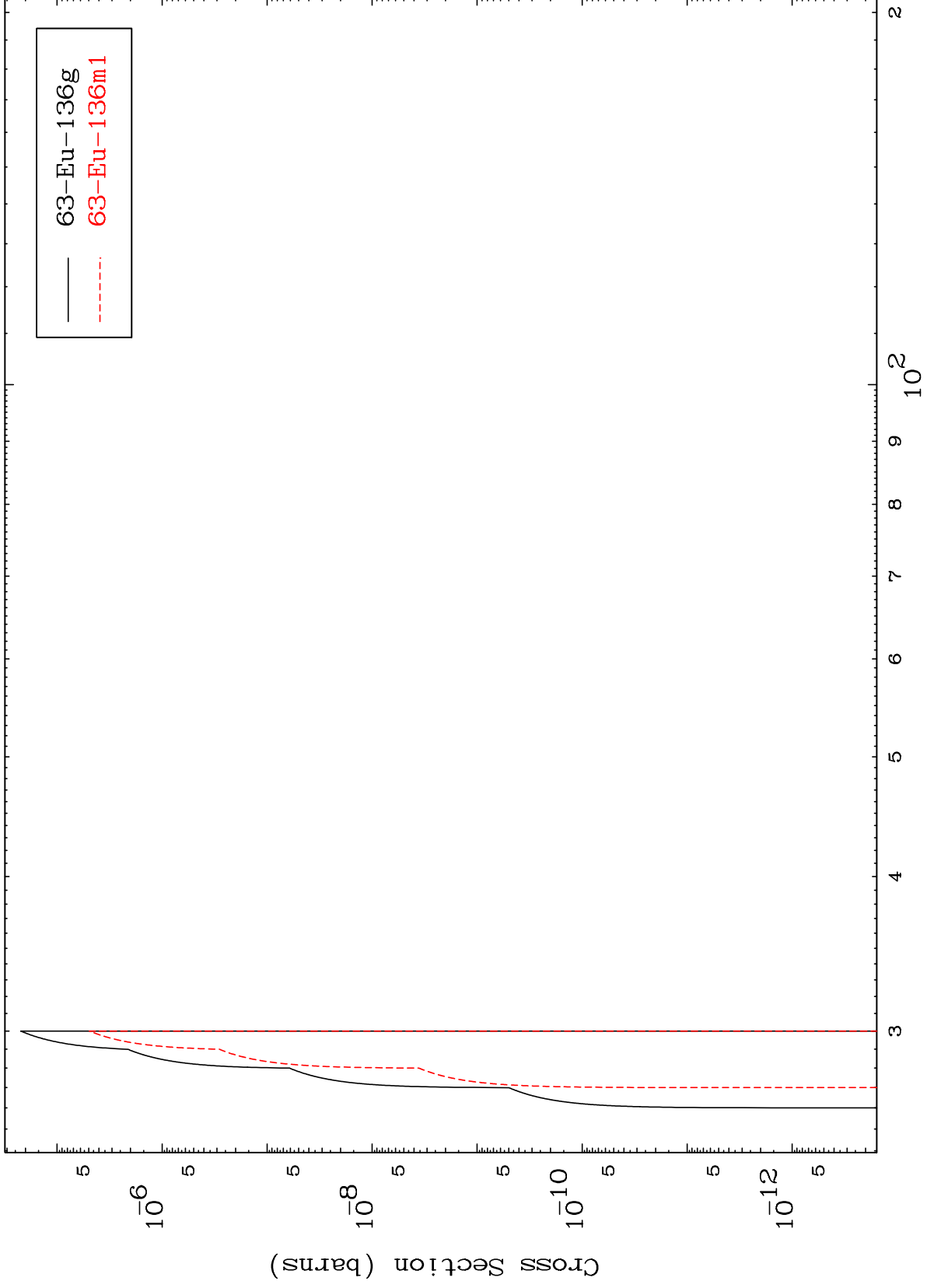
64-Gd-139

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(n,3n) p

64-Gd-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

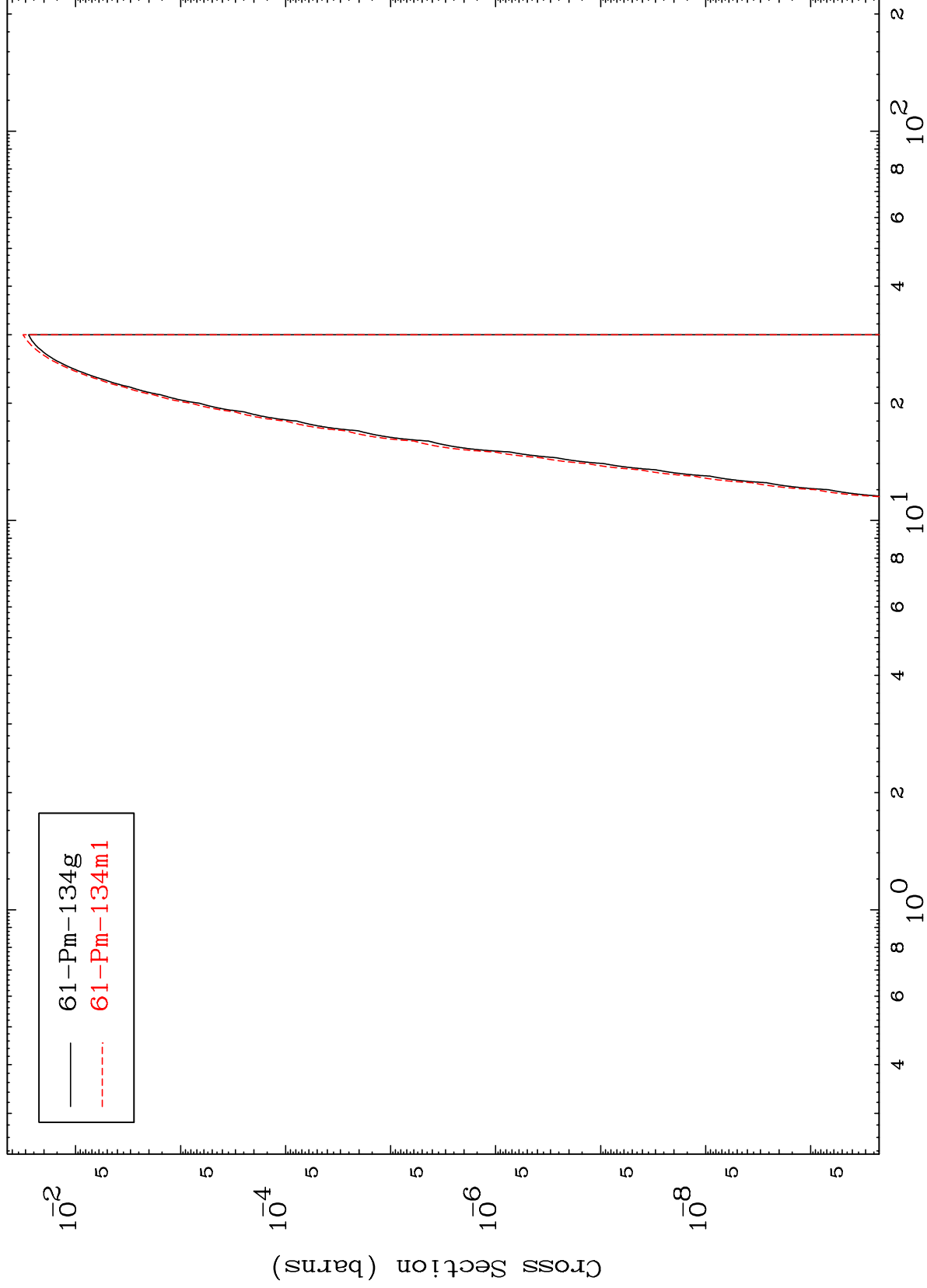
64-Gd-139

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(n,n') p α

64-Gd-139

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

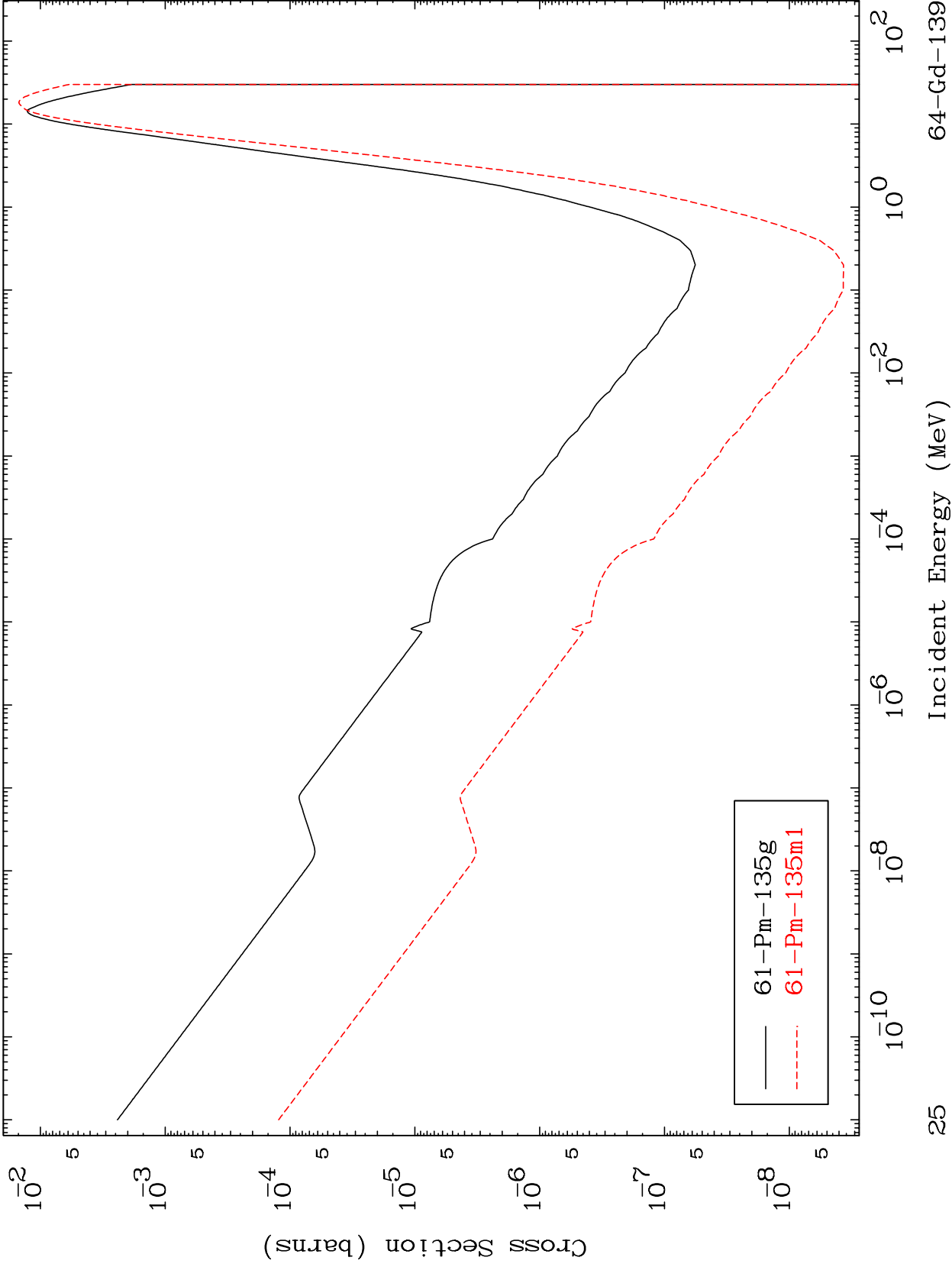
64-Gd-139

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(n,p) α

64-Gd-139

Radionuclide Production Cross Section

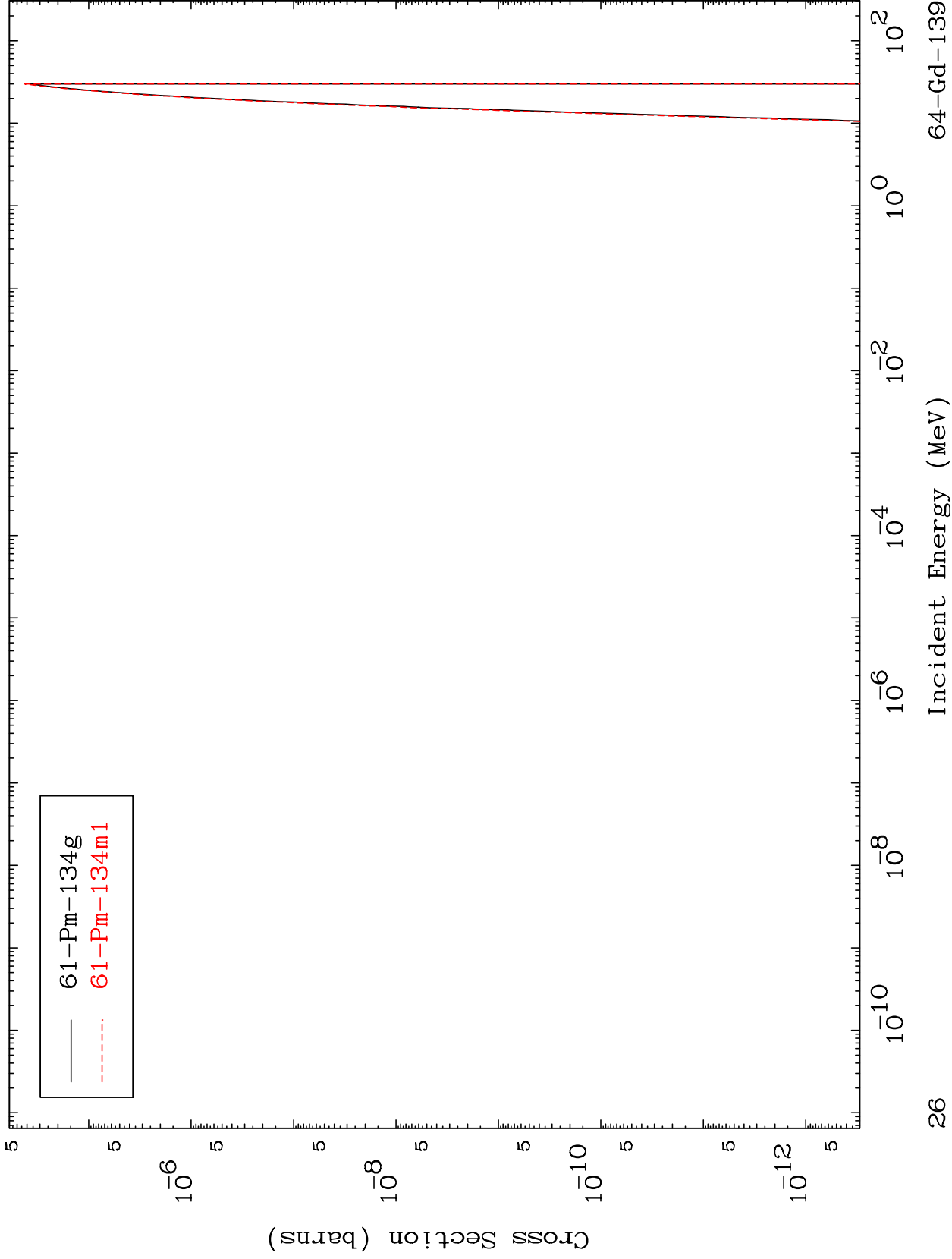


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(n,d) α

64-Gd-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

64-Gd-139