

Program EVALPLOT
(Version 2021-1)

by

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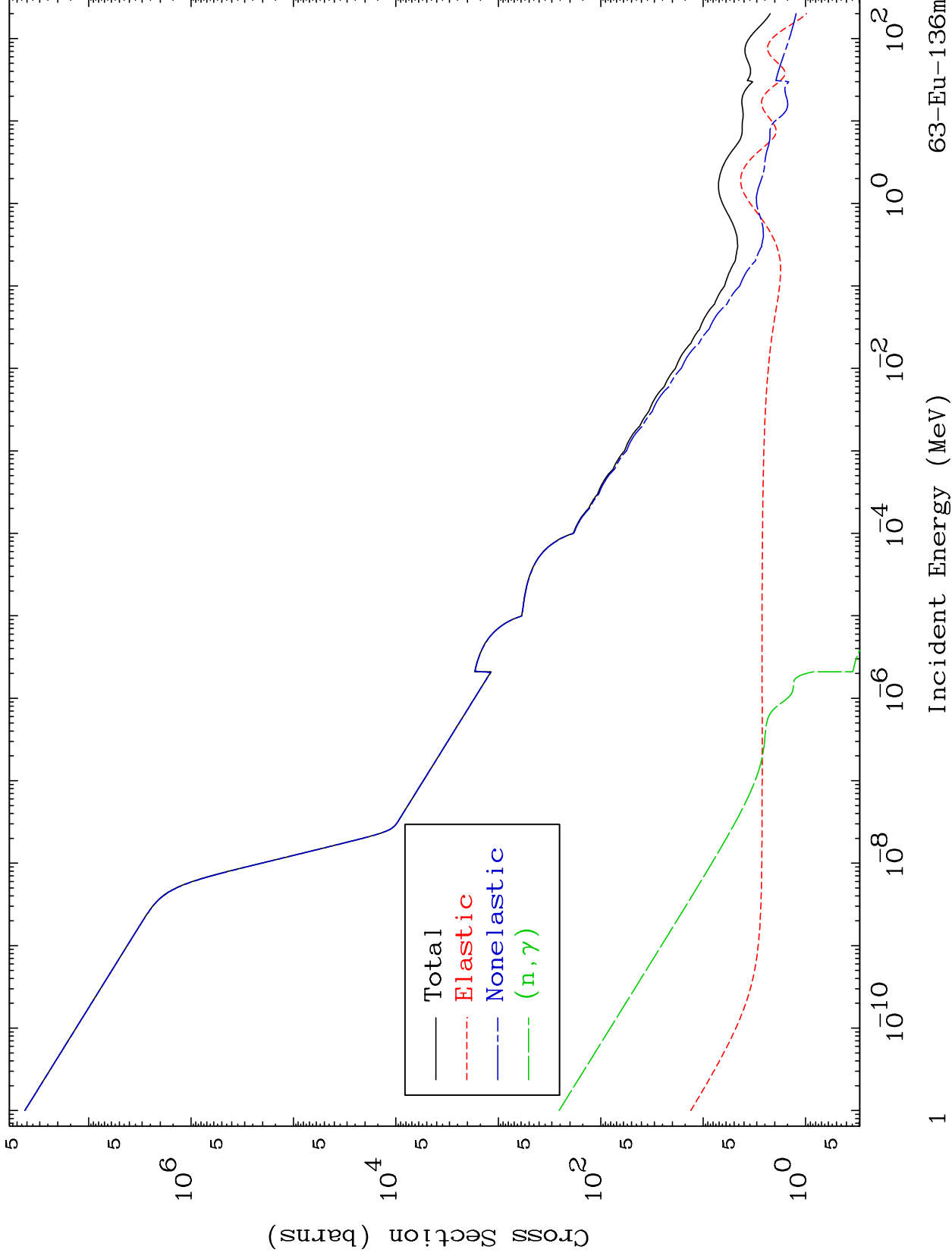
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6281

Neutron Major
293 Kelvin Cross Sections

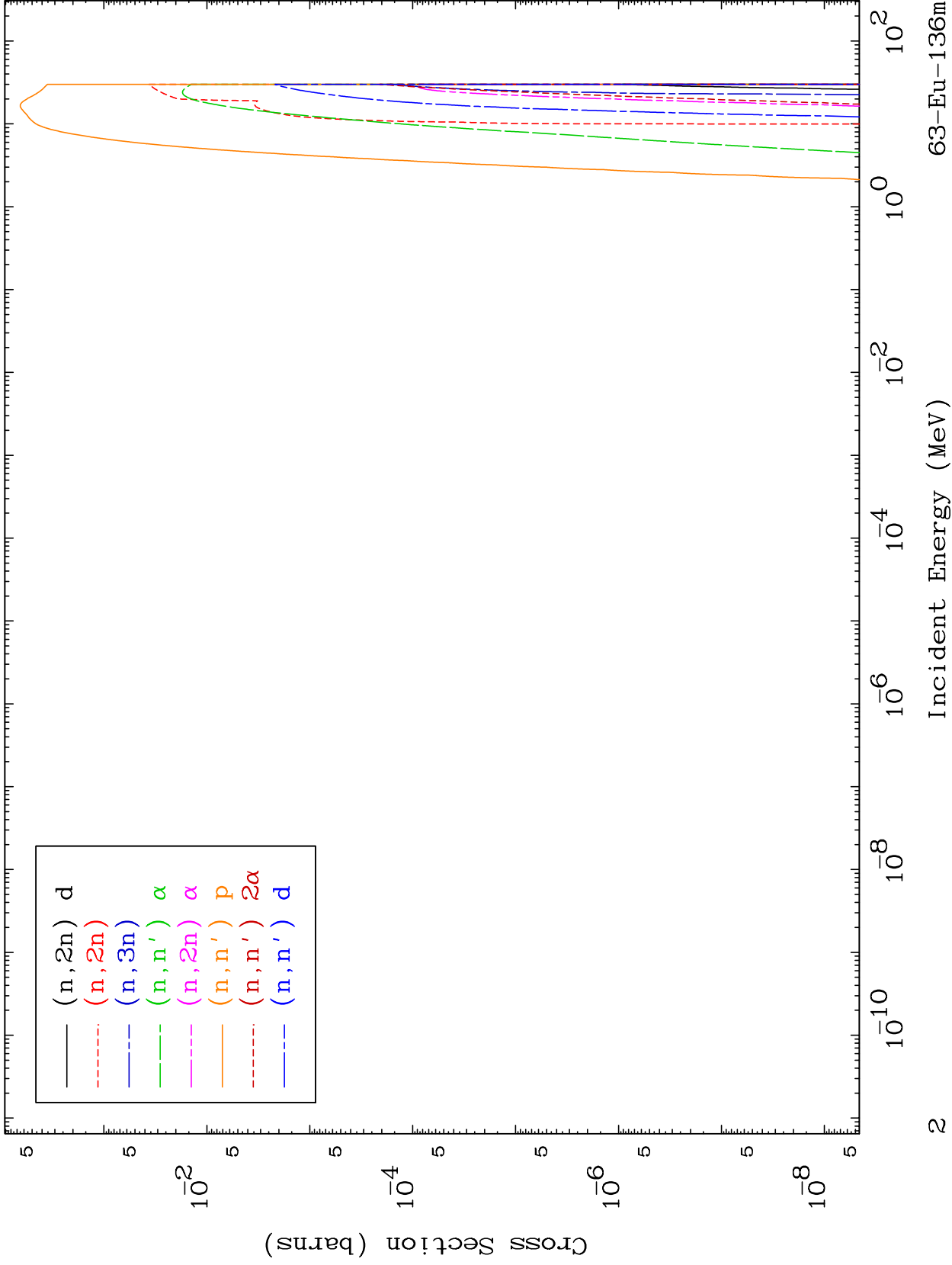
63-Eu-136m



MAT 6281

Neutron Absorption
293 Kelvin Cross Sections

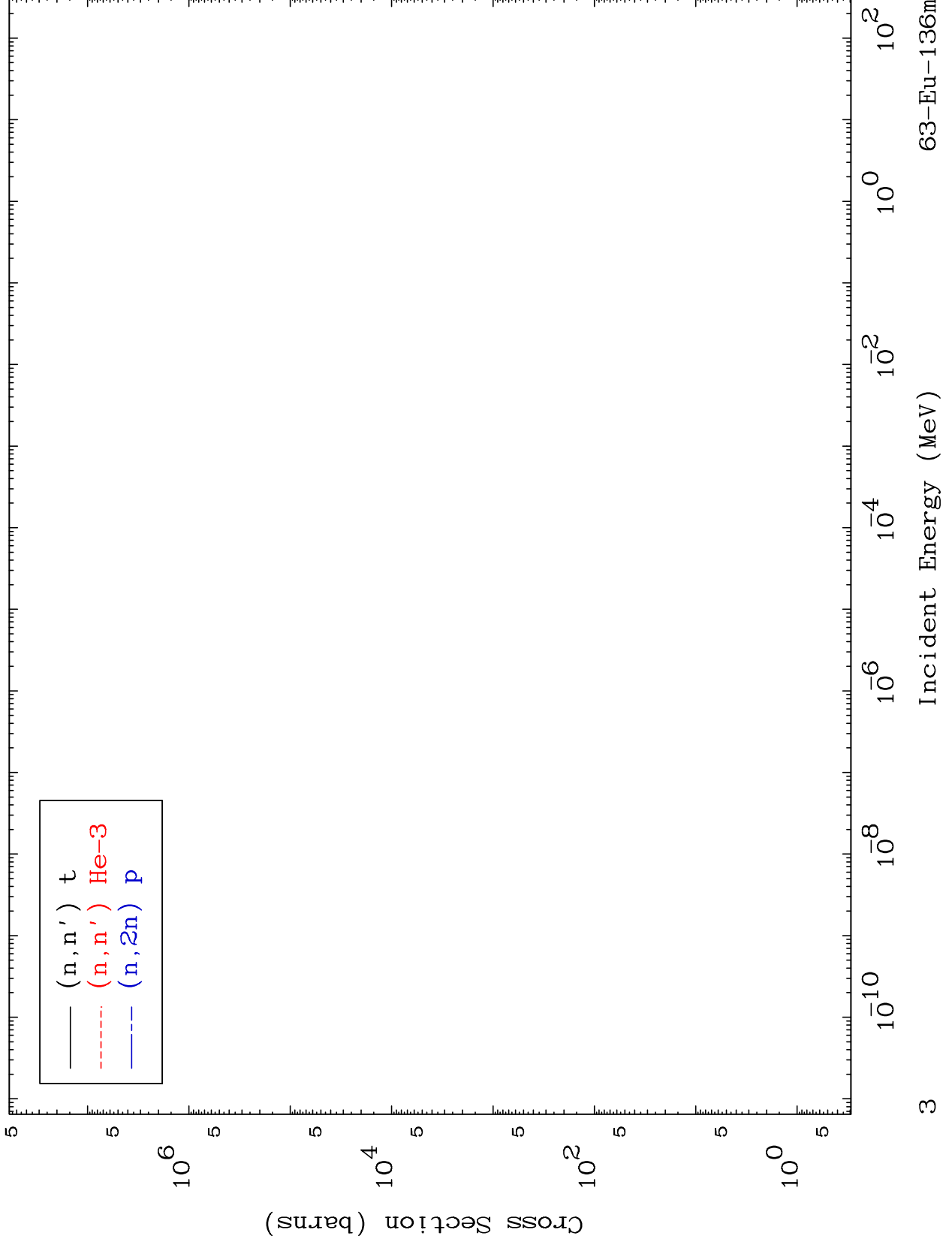
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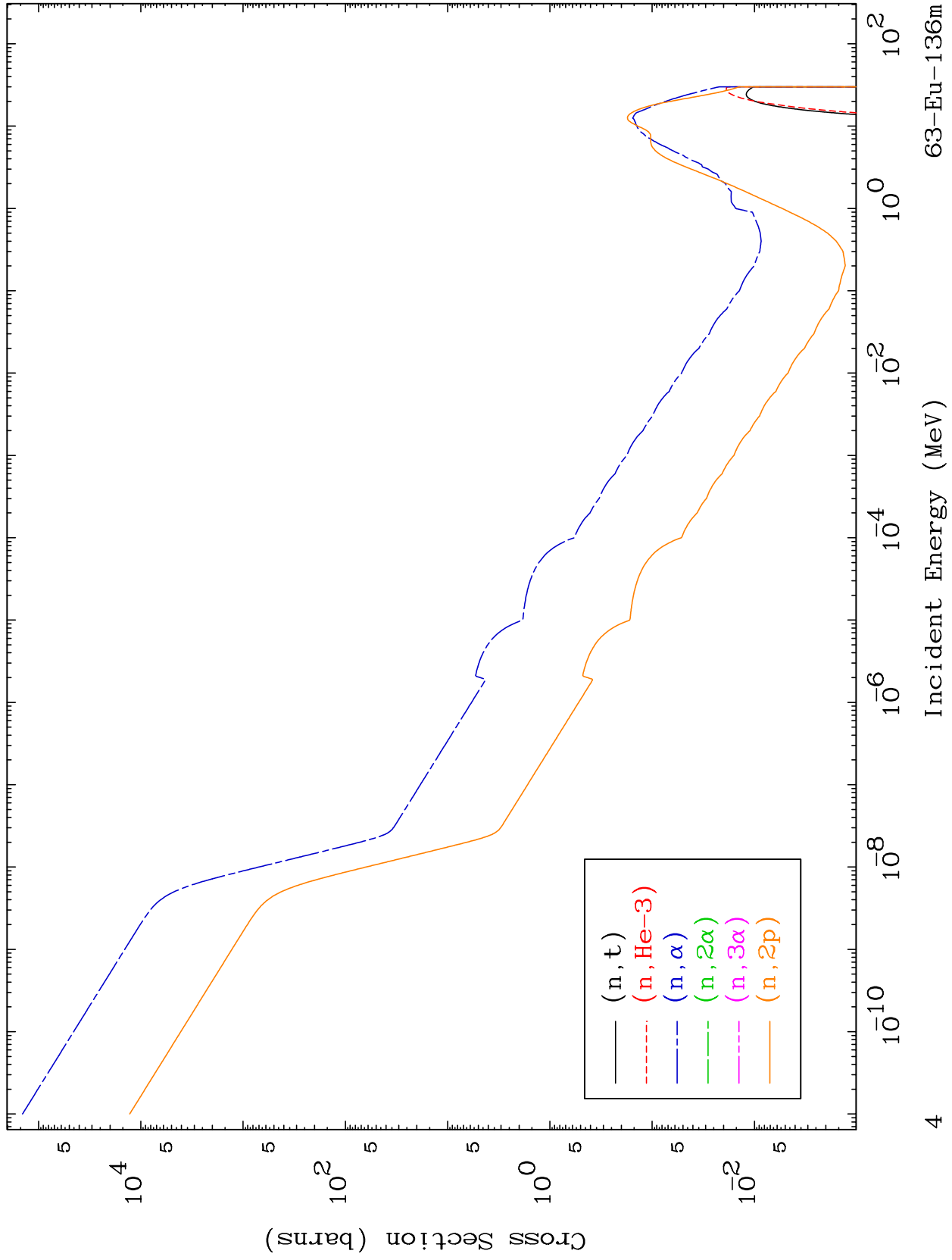


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Neutron Absorption
293 Kelvin Cross Sections

63-Eu-136m

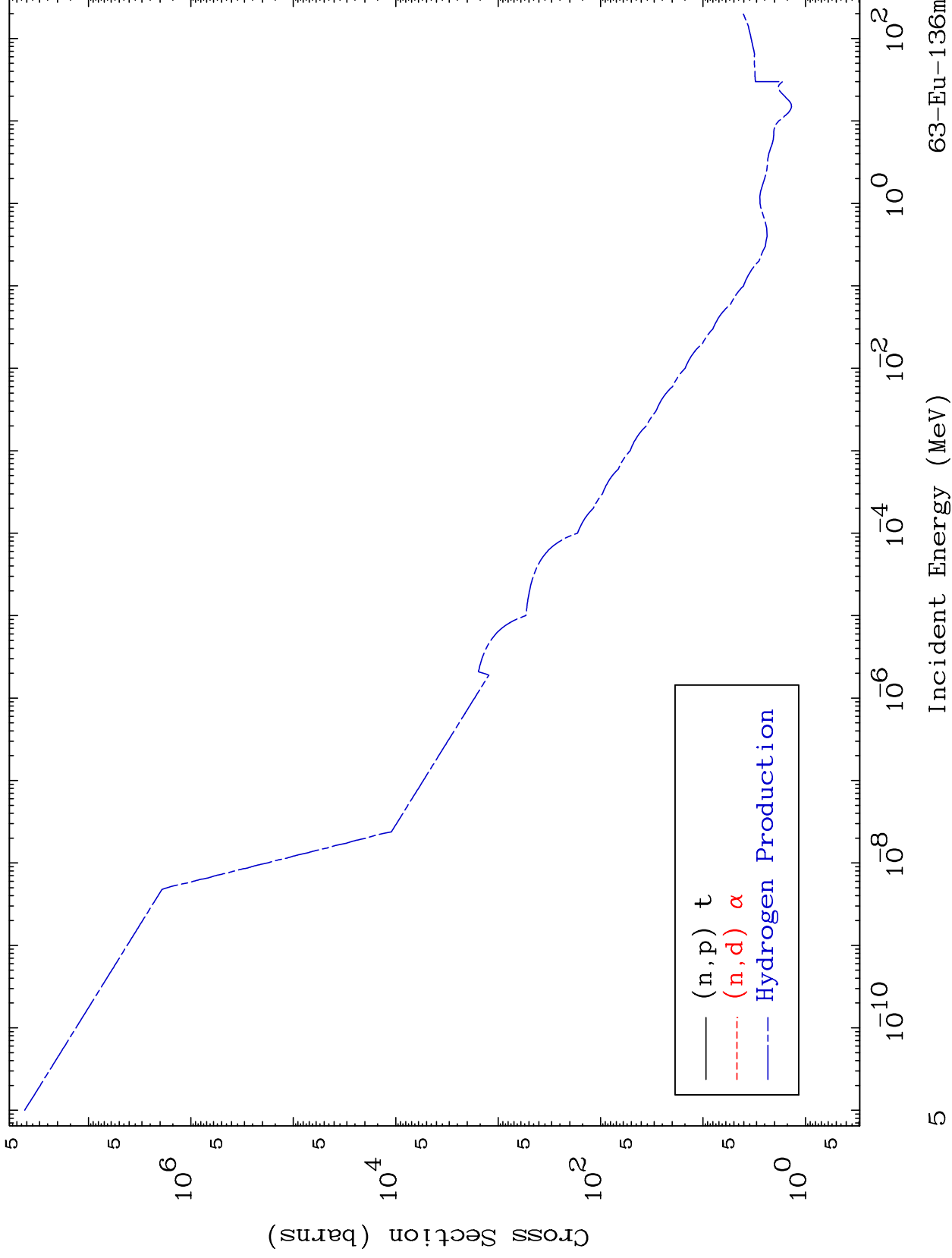




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Neutron Absorption
293 Kelvin Cross Sections

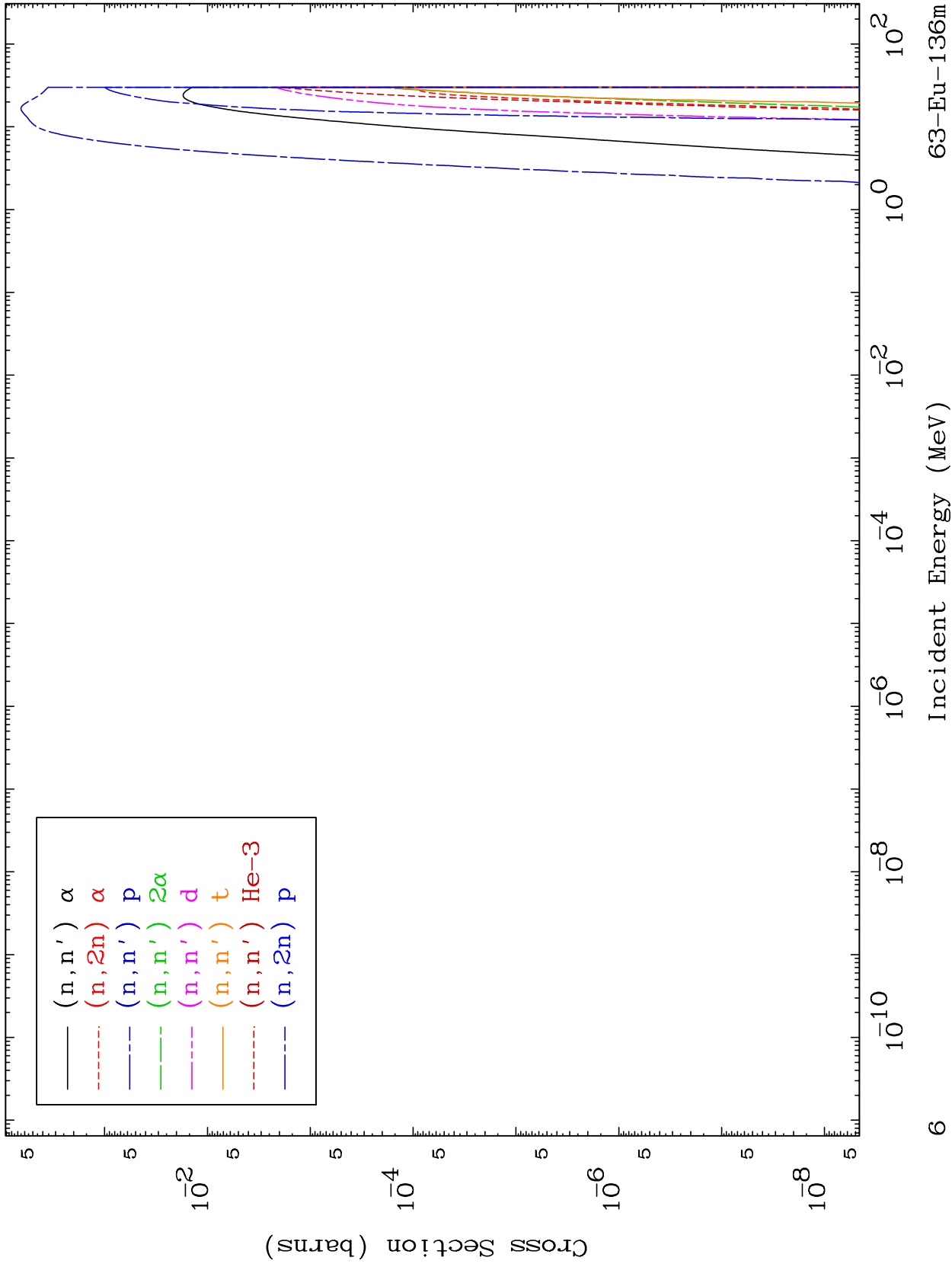
63-Eu-136m



MAT 6281

Charged Particle
293 Kelvin Cross Sections

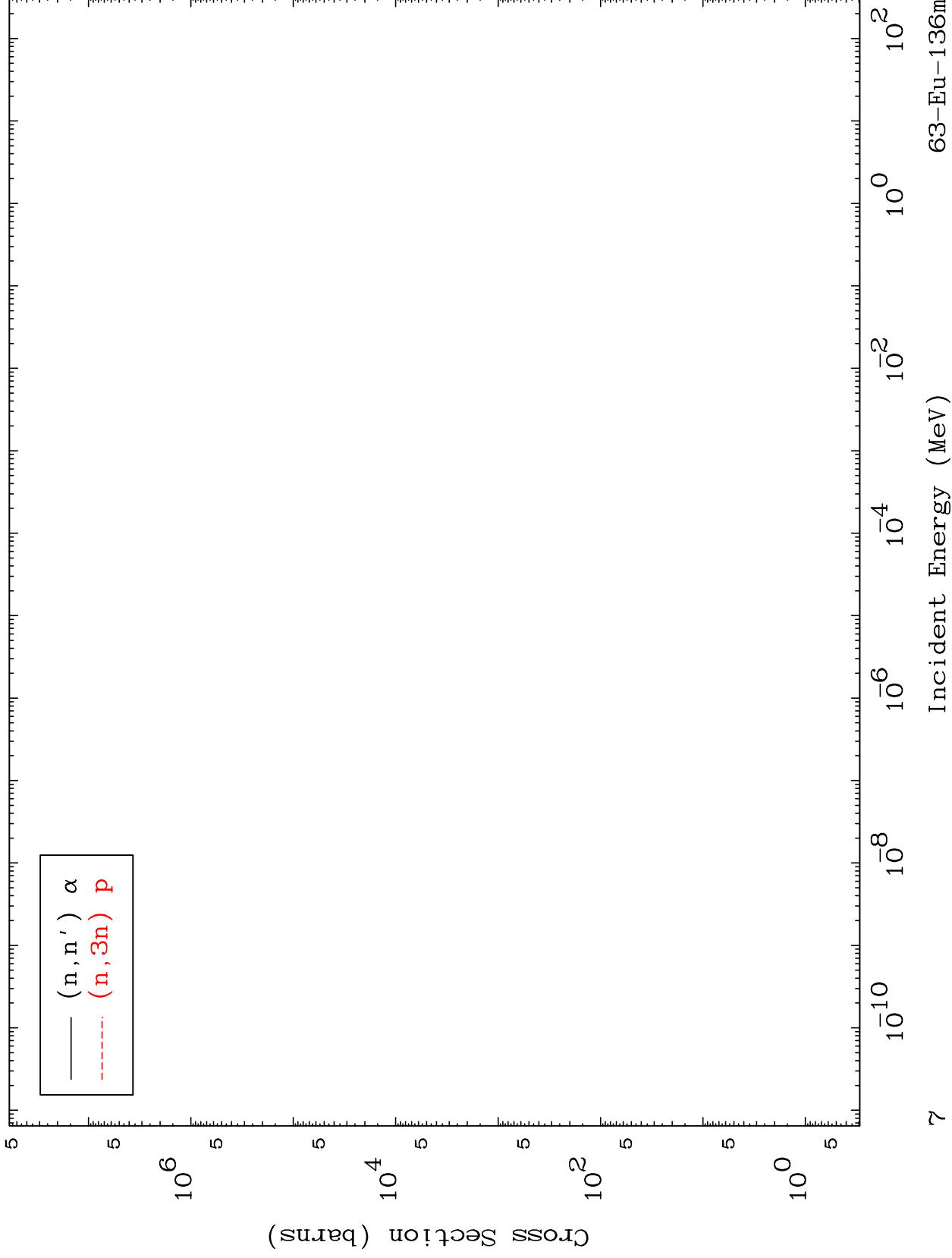
63-Eu-136m



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Charged Particle
293 Kelvin Cross Sections

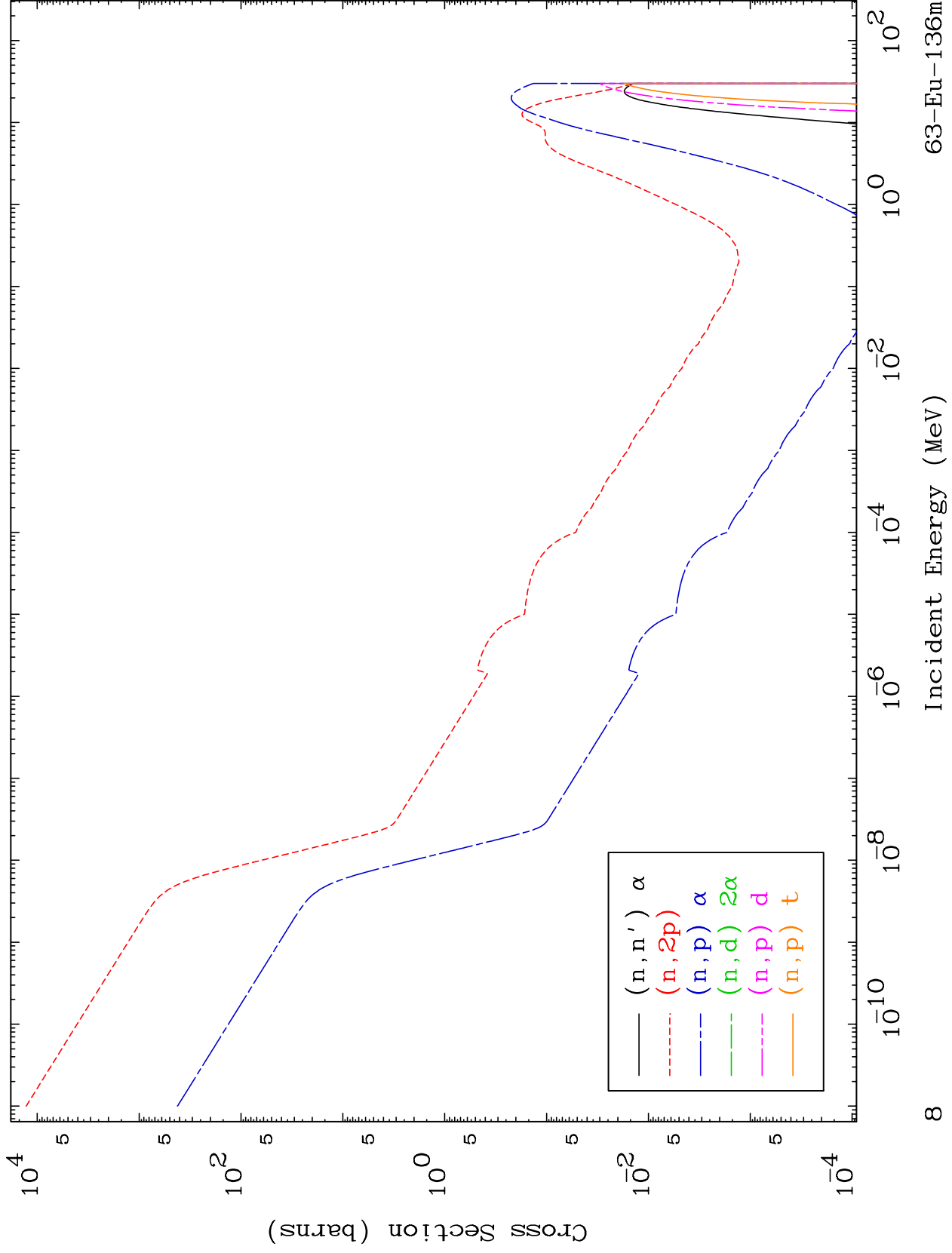
63-Eu-136m



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Charged Particle
293 Kelvin Cross Sections

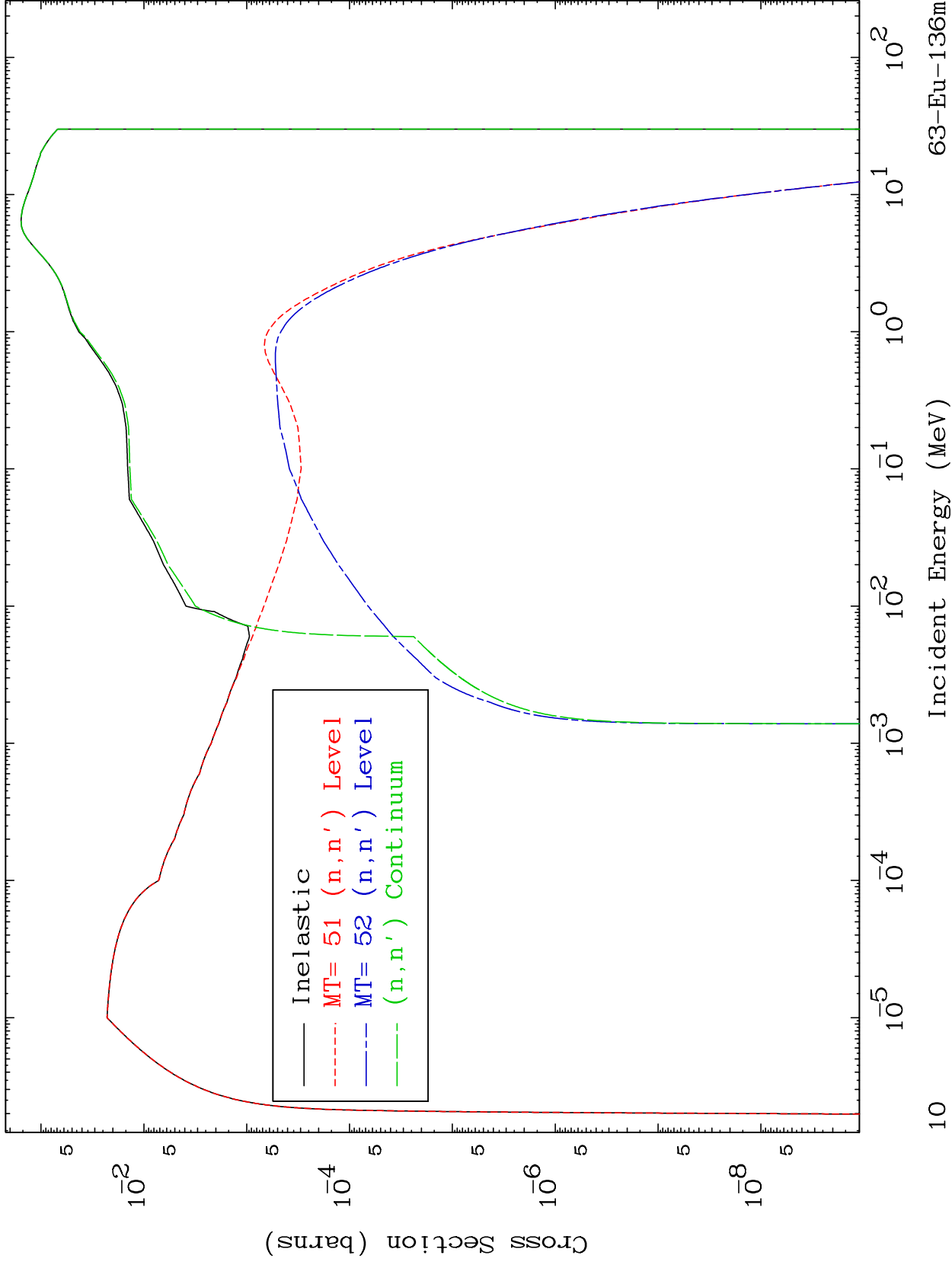
63-Eu-136m



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(n,n') Levels
293 Kelvin Cross Sections

63-Eu-136m

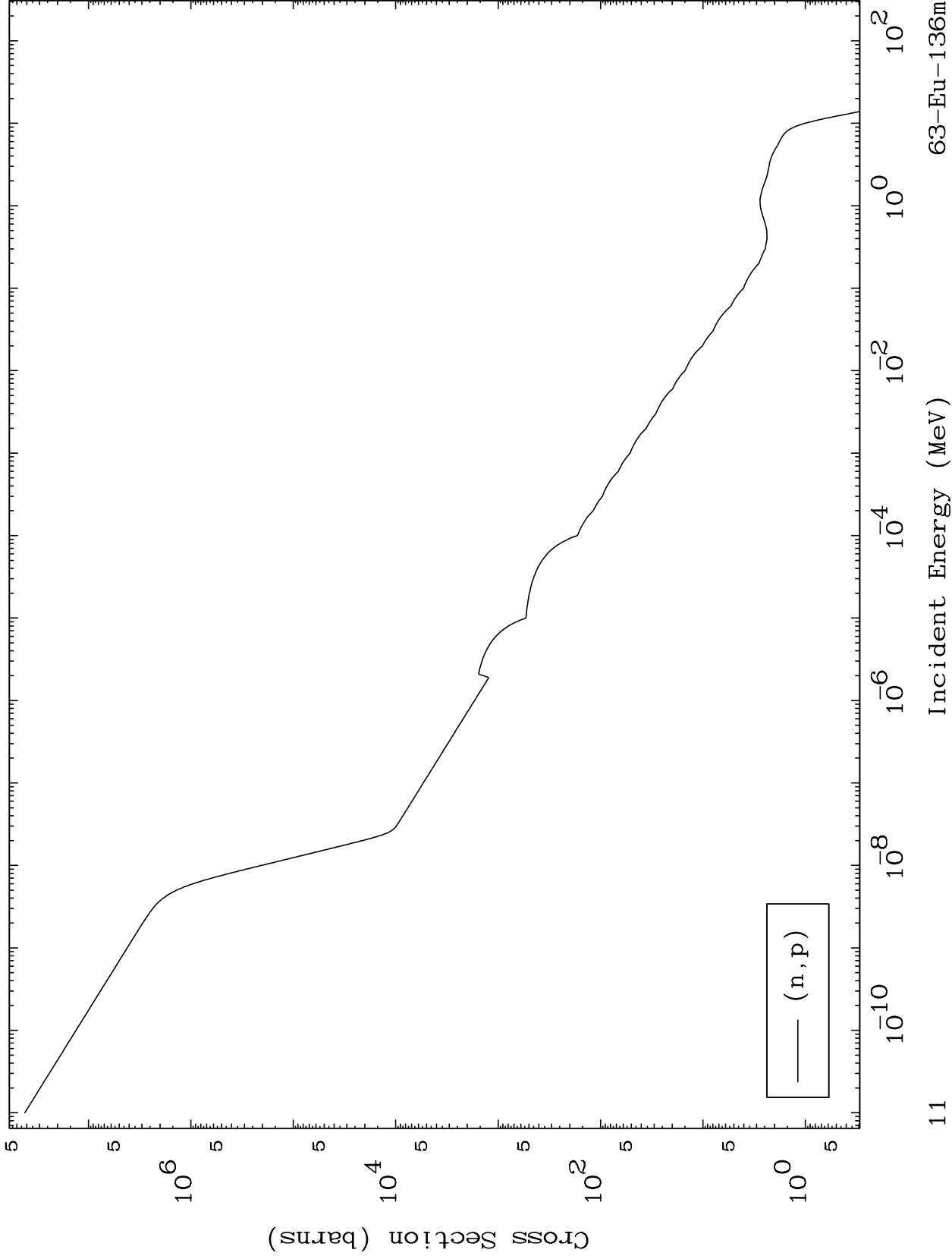


10

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(n,p) Levels
293 Kelvin Cross Sections

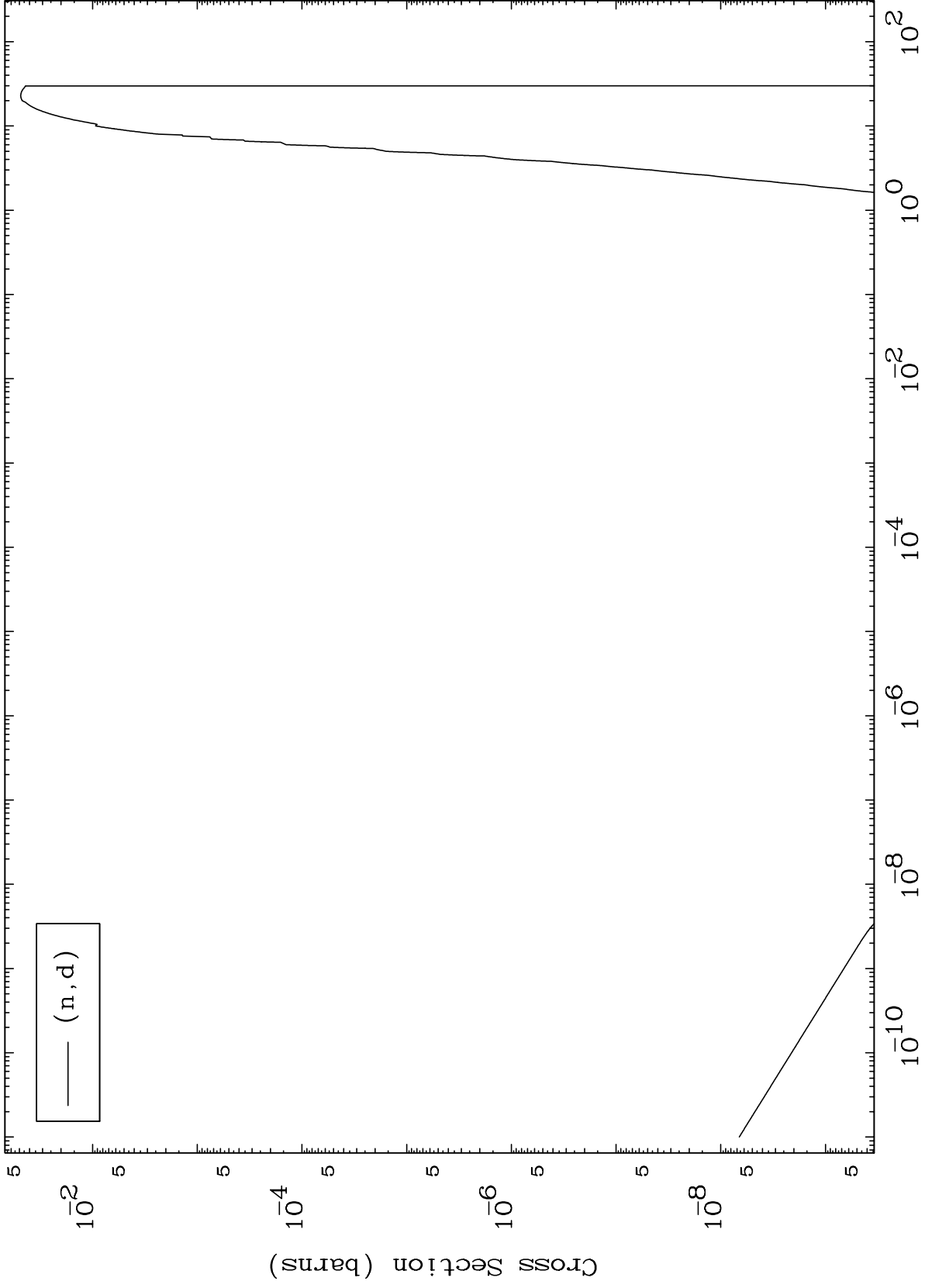
63-Eu-136m



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(n,d) Levels
293 Kelvin Cross Sections

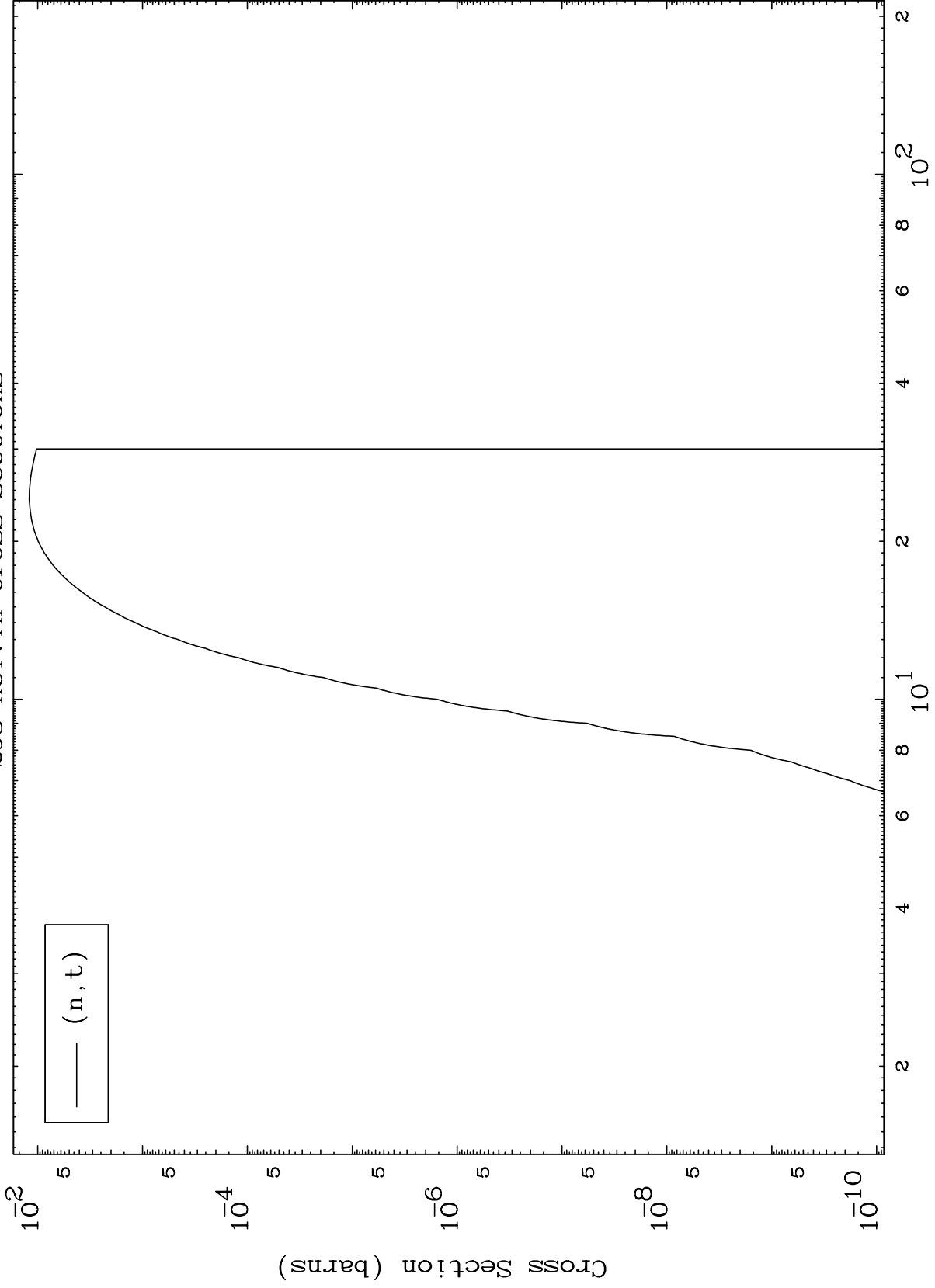
63-Eu-136m



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(n,t) Levels
293 Kelvin Cross Sections

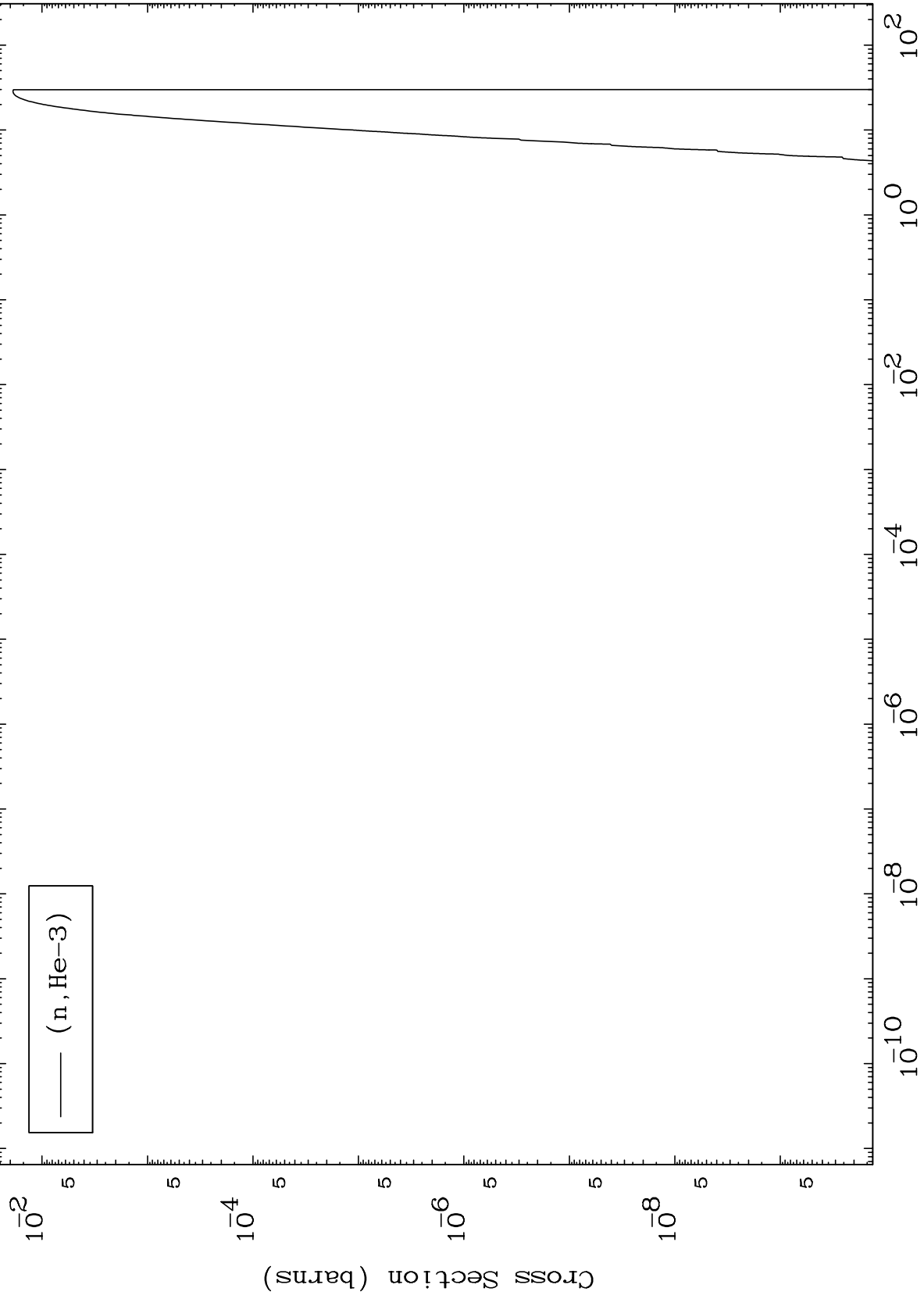
63-Eu-136m



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(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-136m



(n, He-3)

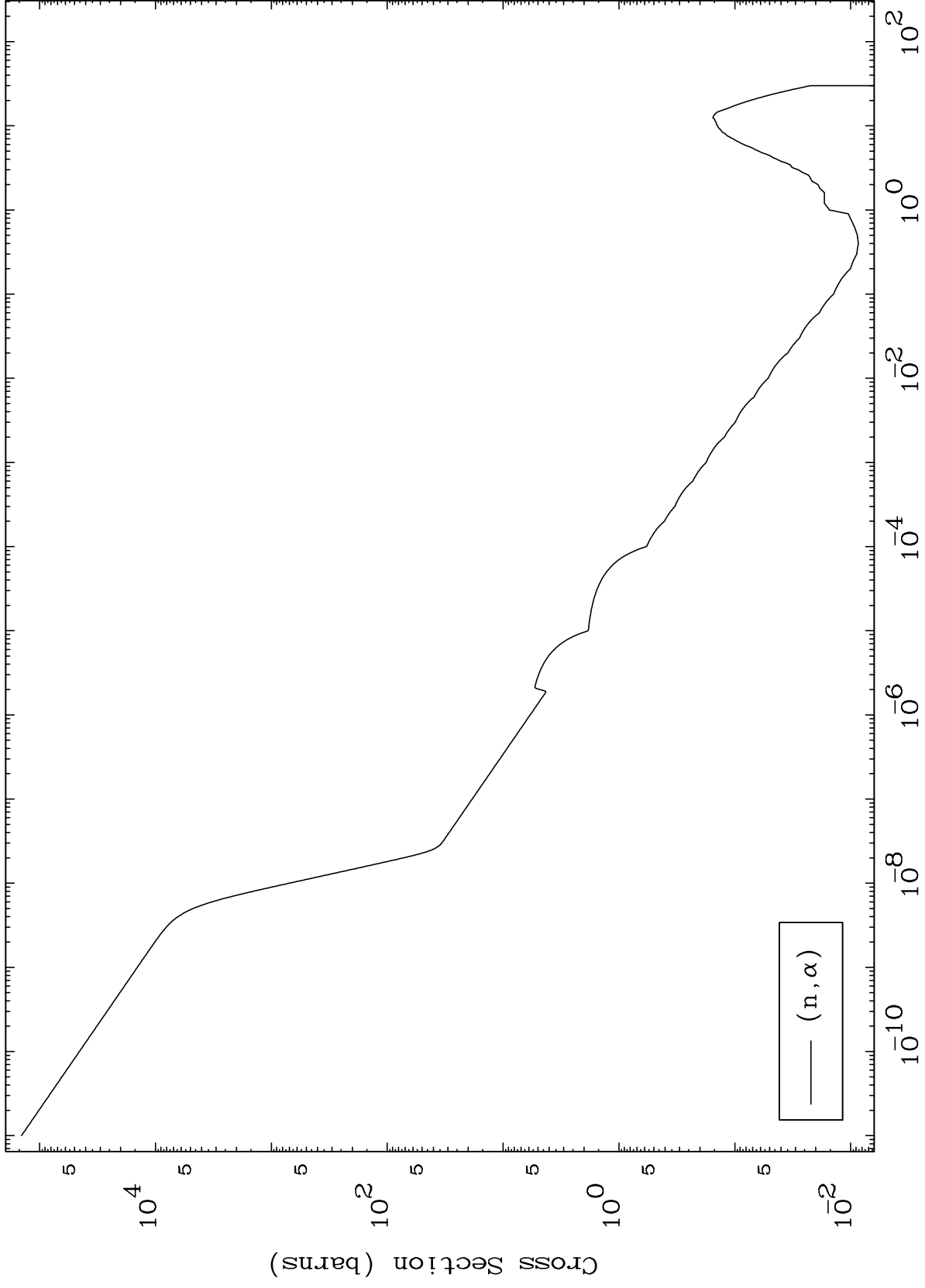
63-Eu-136m

Incident Energy (MeV)

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(n,α) Levels
293 Kelvin Cross Sections

63-Eu-136m



15

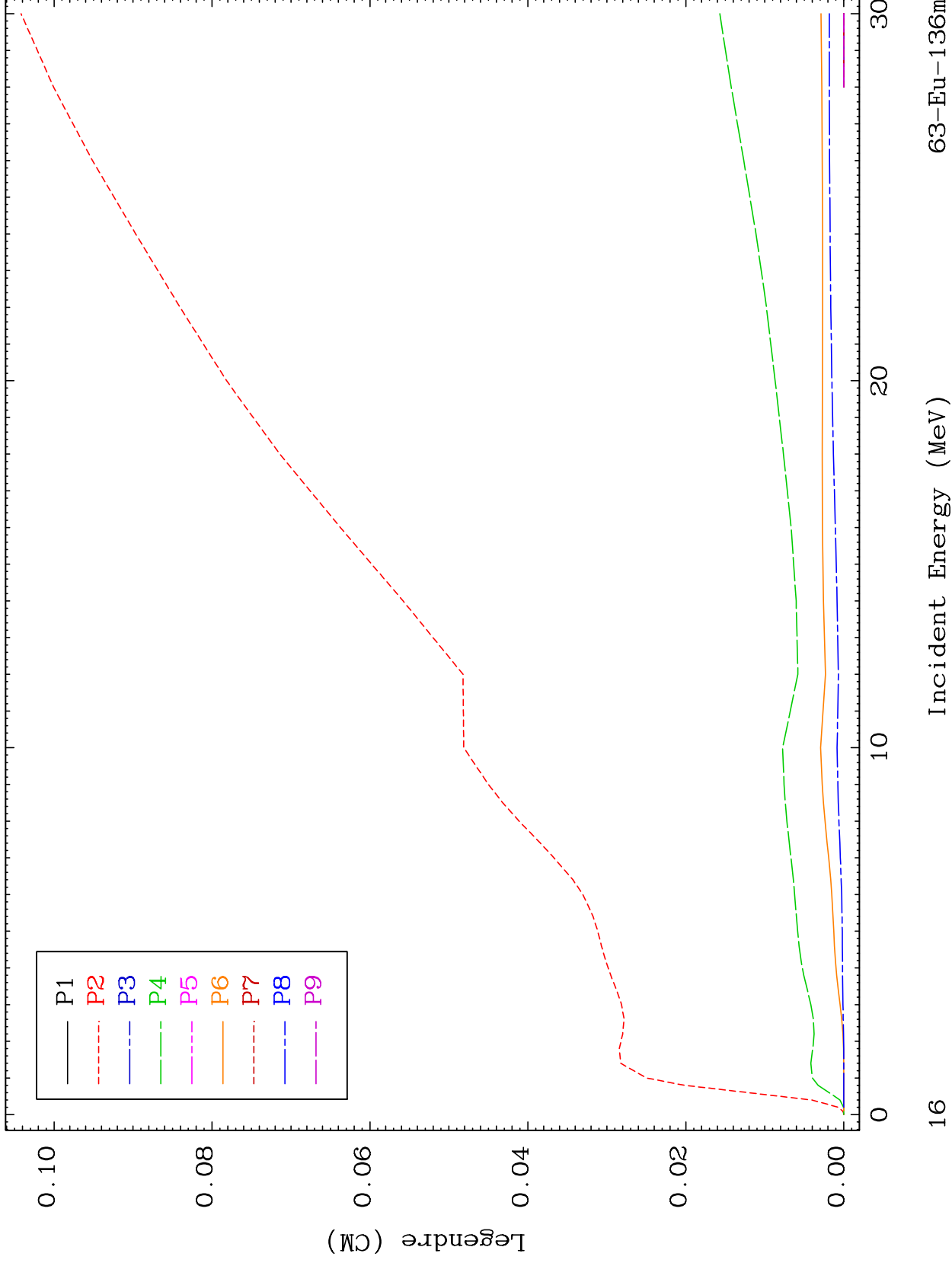
Incident Energy (MeV)

63-Eu-136m

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Elastic Legendre Coefficients

63-Eu-136m



16

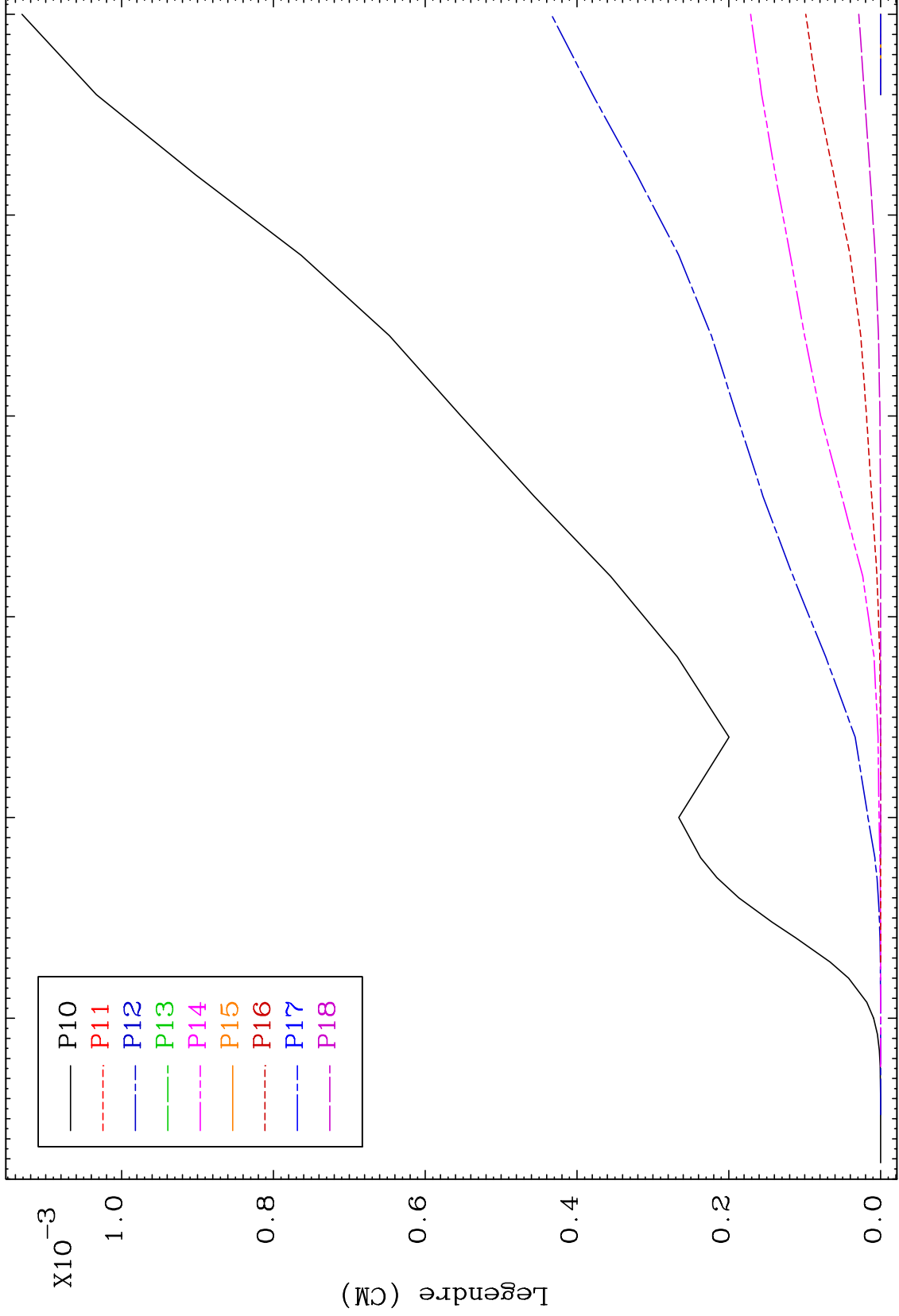
Incident Energy (MeV)

63-Eu-136m

MAT 6281

Elastic Legendre Coefficients

63-Eu-136m



17

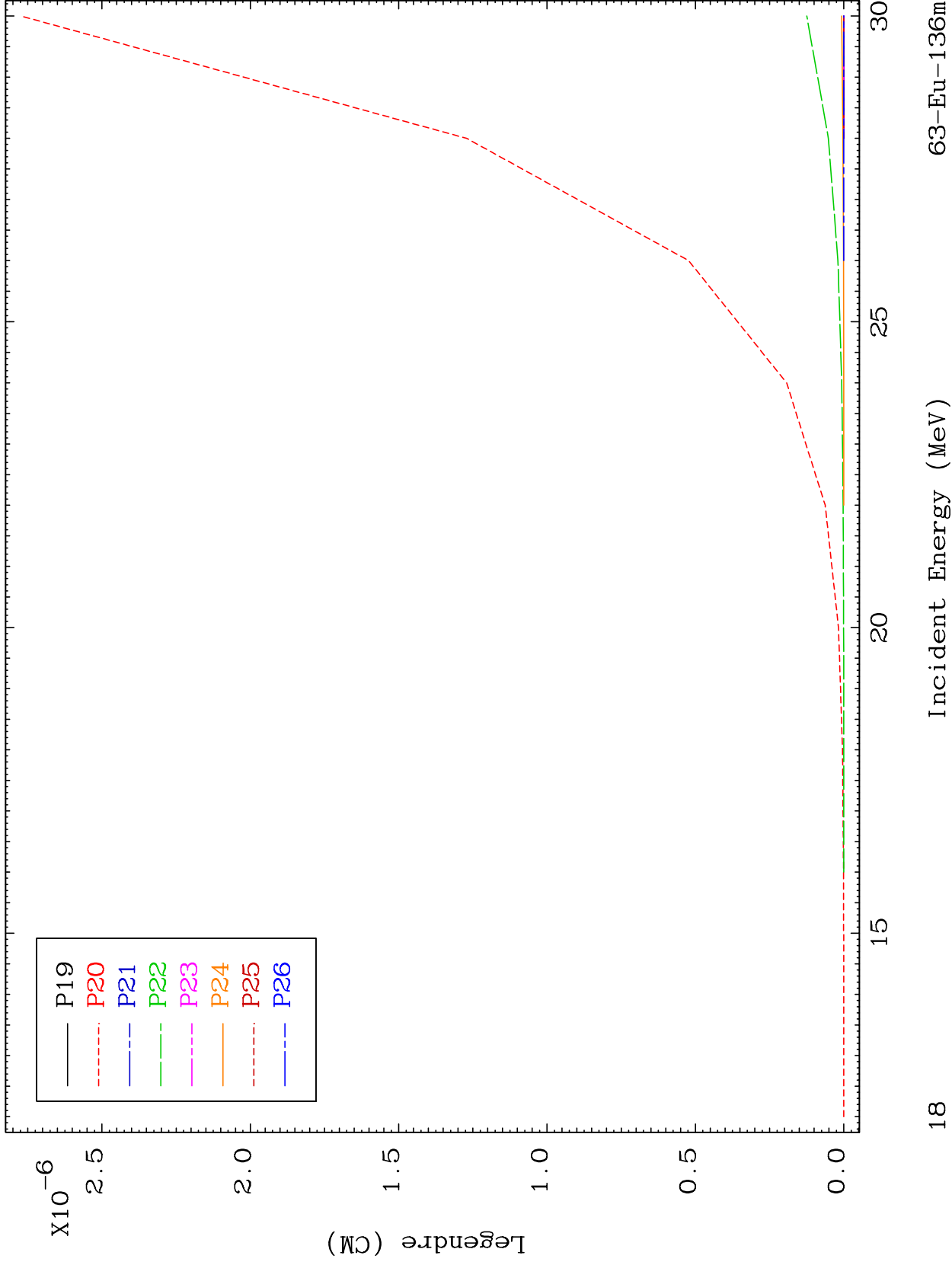
Incident Energy (MeV)

63-Eu-136m

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Elastic Legendre Coefficients

63-Eu-136m



18

Incident Energy (MeV)

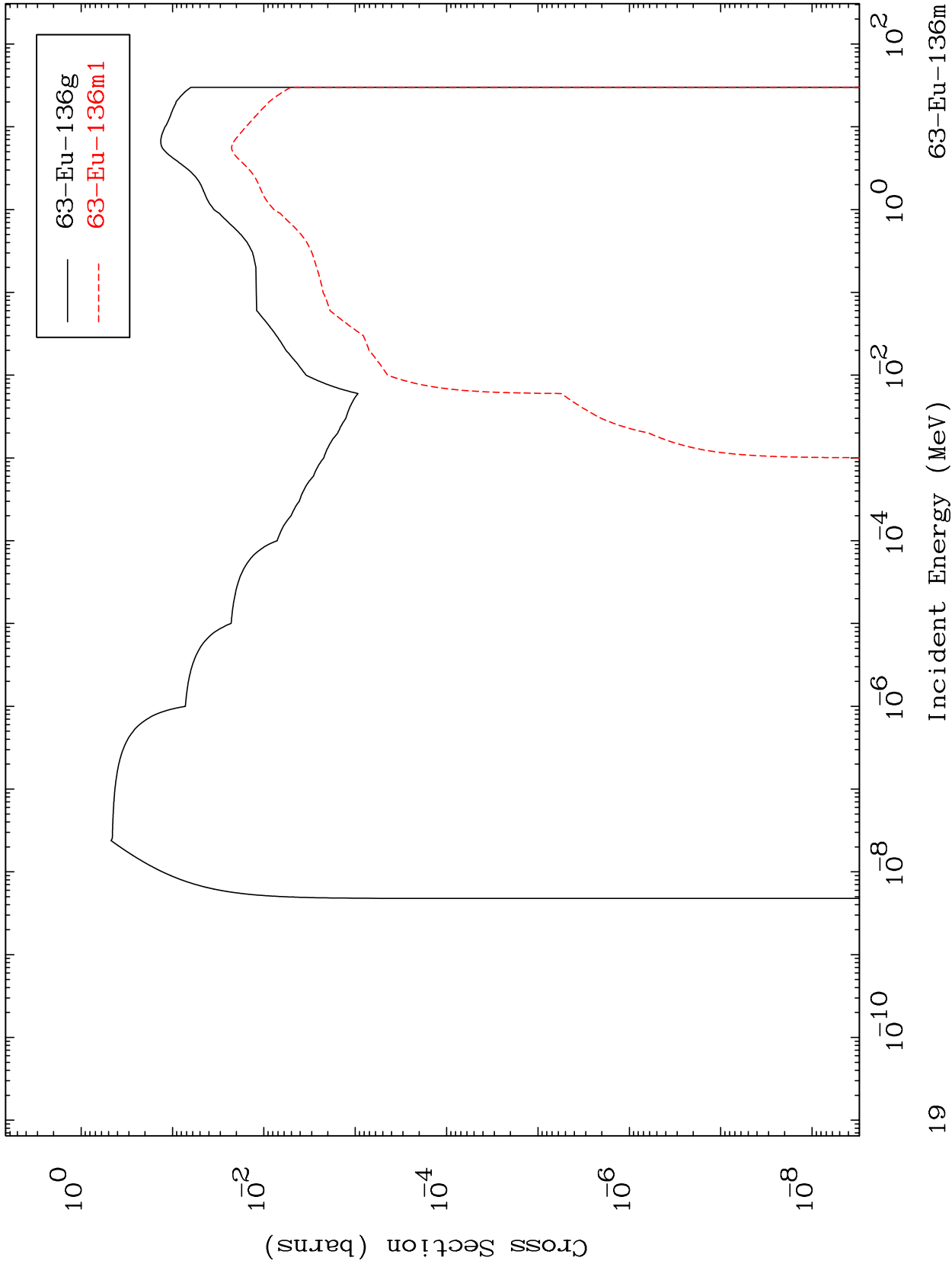
63-Eu-136m

15 20 25 30

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63-Eu-136m

Inelastic
Radionuclide Production Cross Section

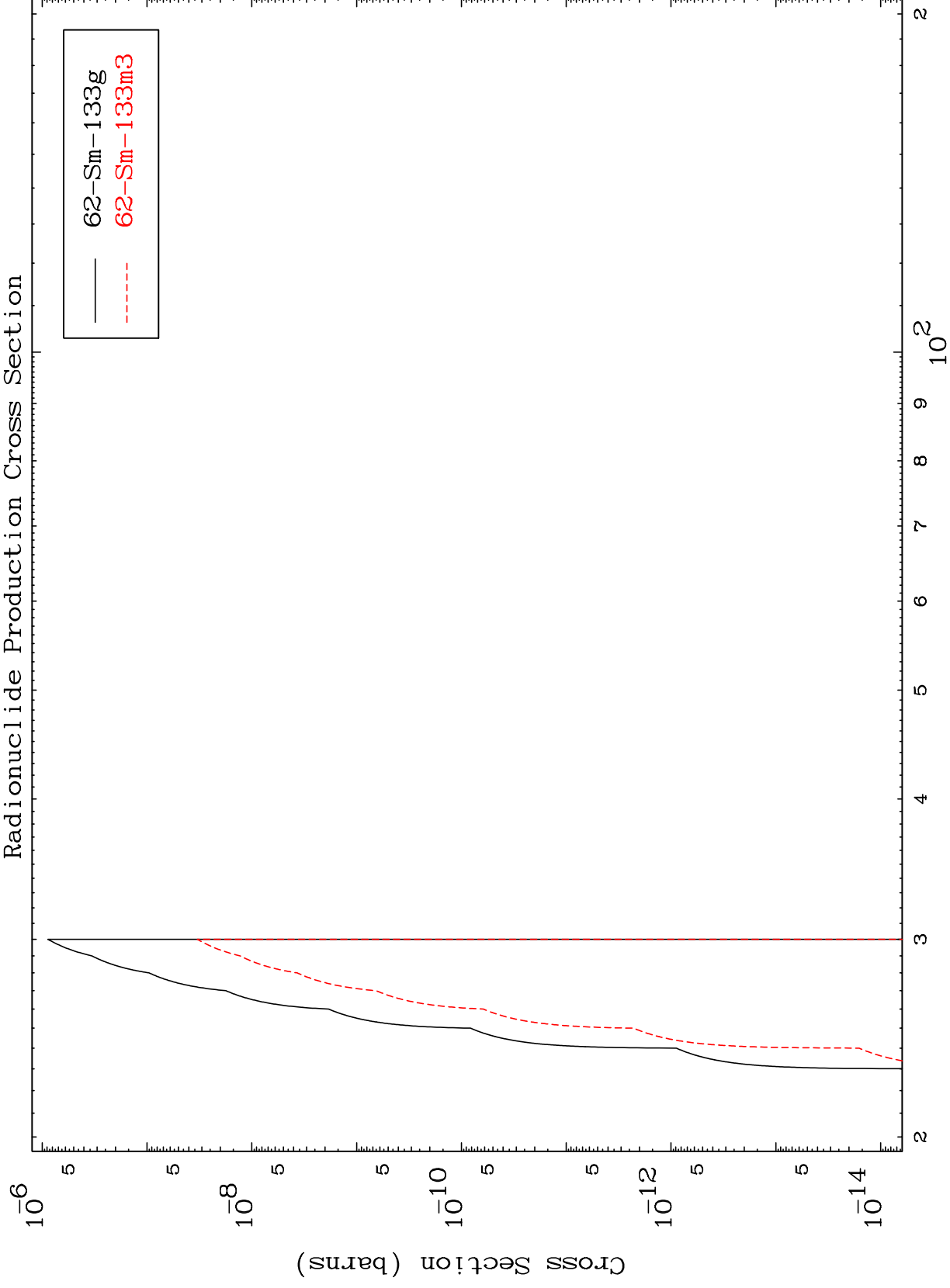


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(n,2n) d

63-Eu-136m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

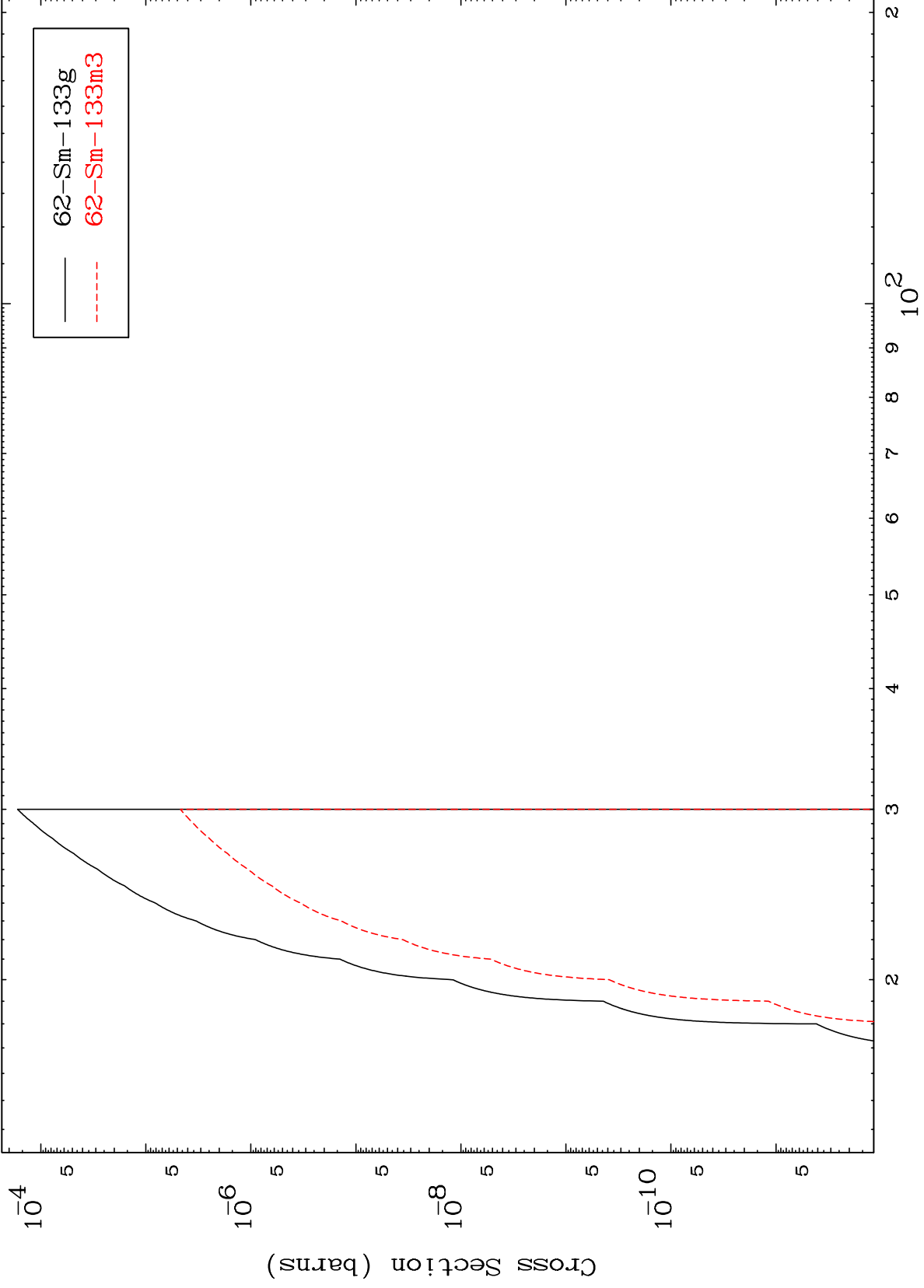
63-Eu-136m

MAT 6281

(n,n') t

63-Eu-136m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

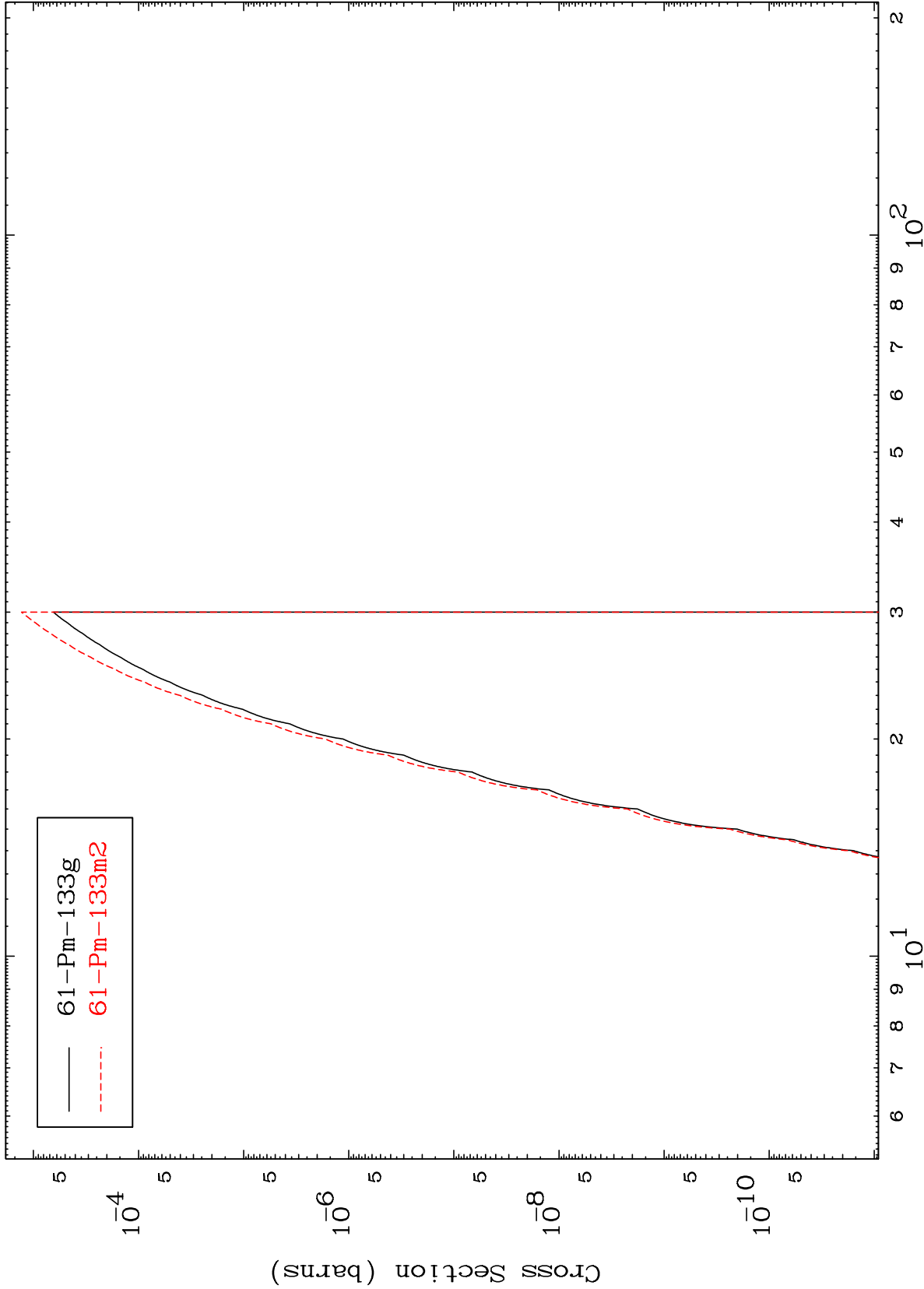
63-Eu-136m

MAT 6281

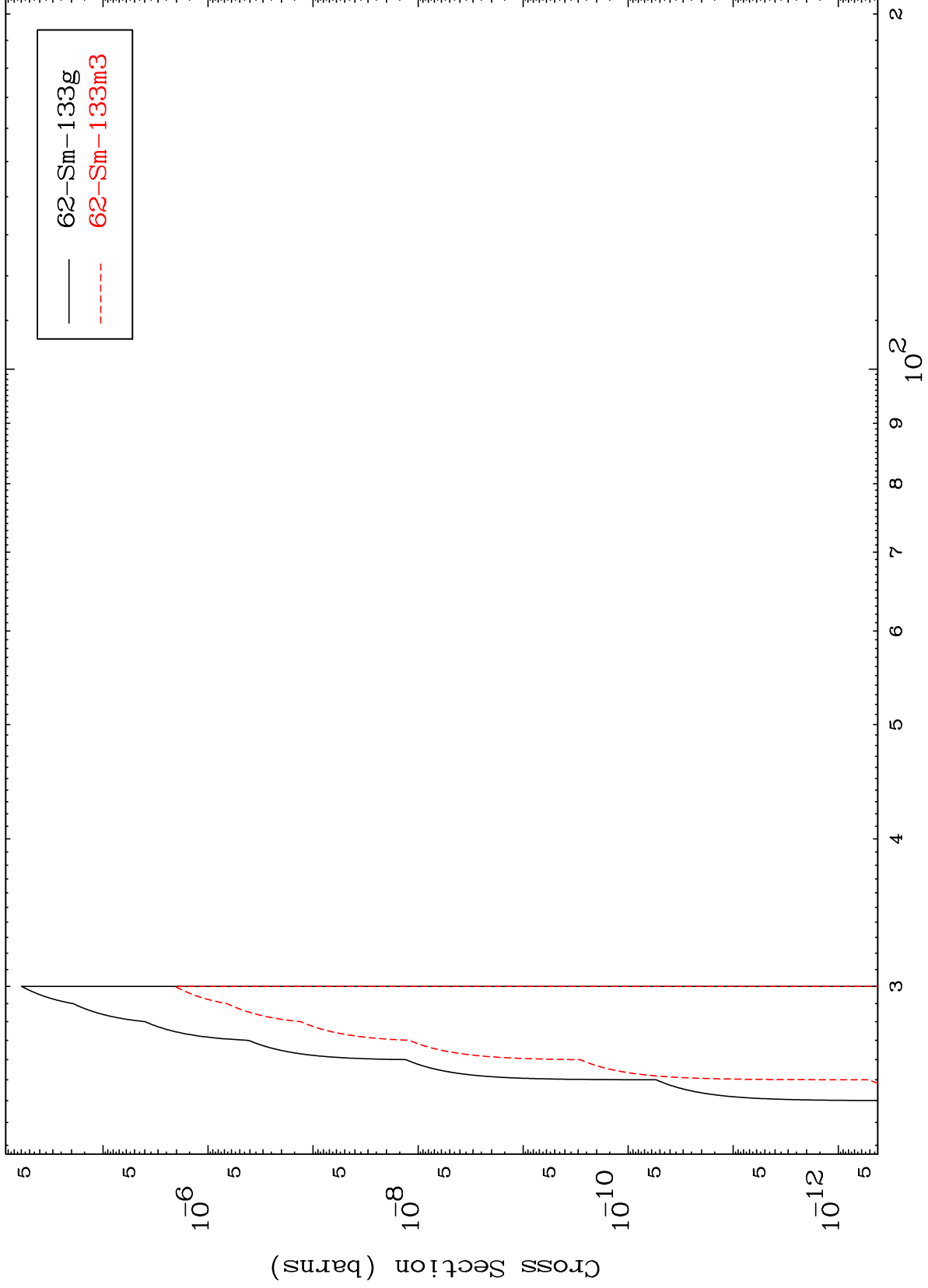
(n,n') He-3

63-Eu-136m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

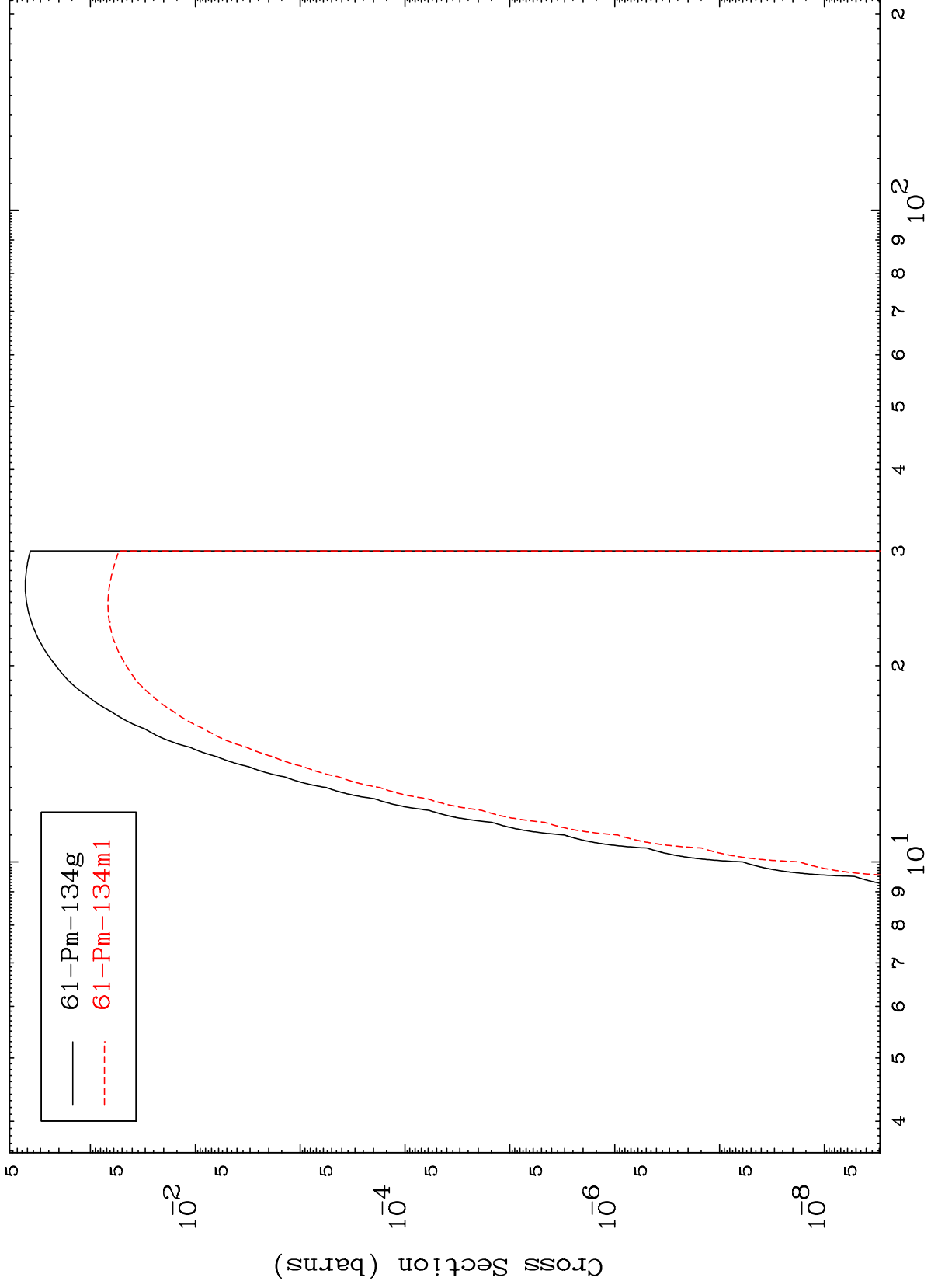


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(n,2n) p

63-Eu-136m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

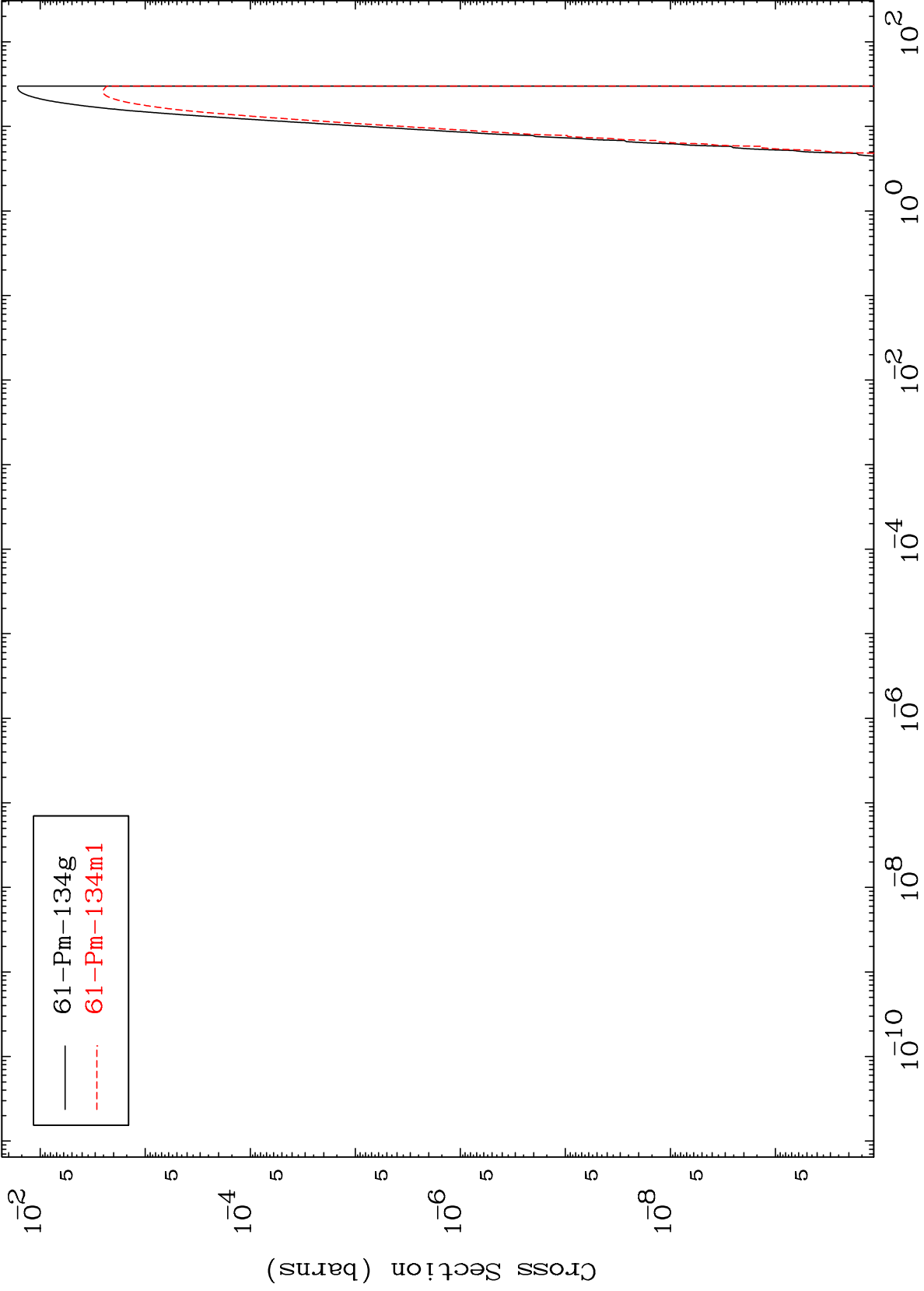
63-Eu-136m

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(n,He-3)

63-Eu-136m

Radionuclide Production Cross Section



25

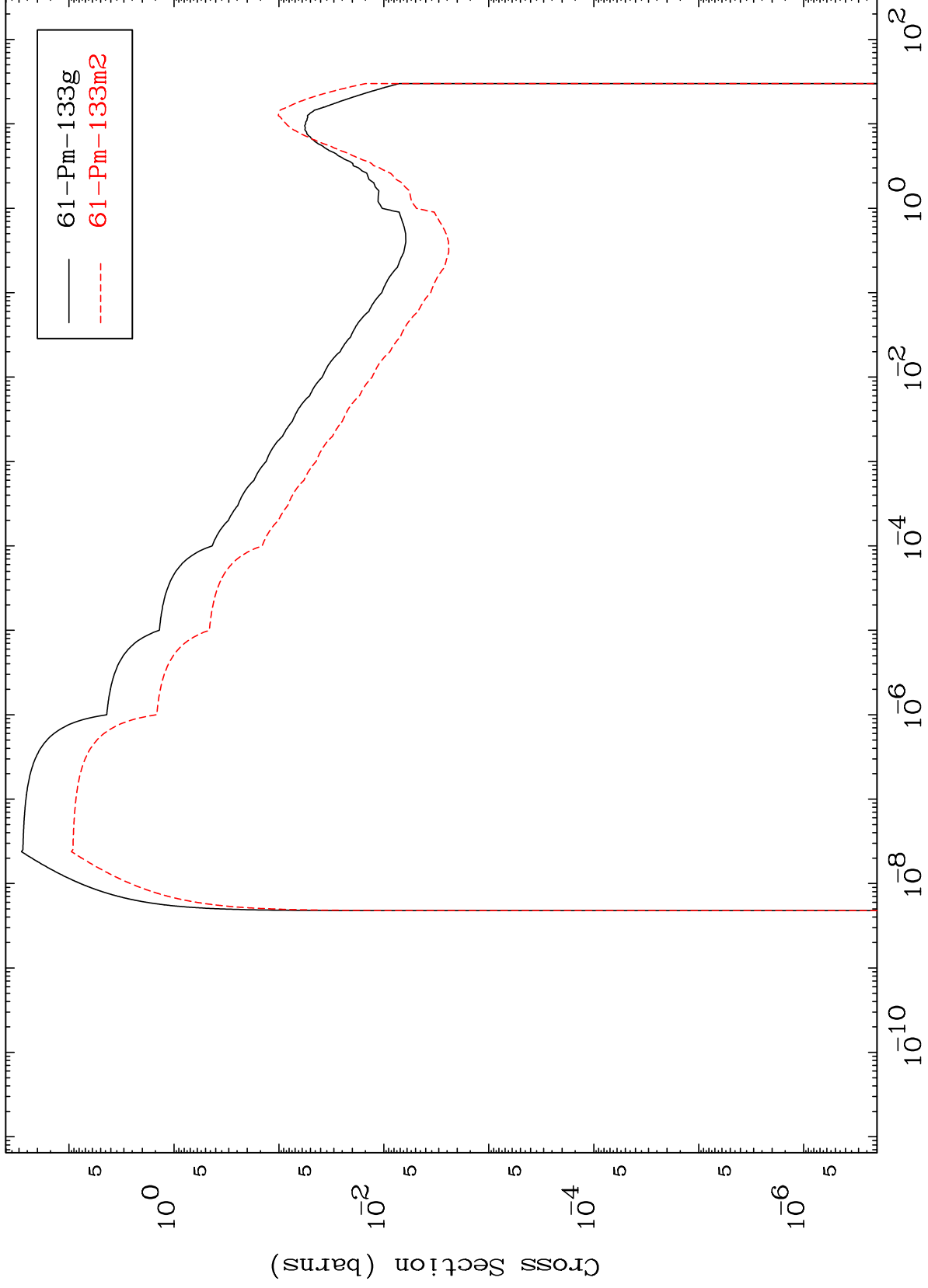
Incident Energy (MeV)

63-Eu-136m

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63-Eu-136m

(n, α)
Radionuclide Production Cross Section



26

63-Eu-136m

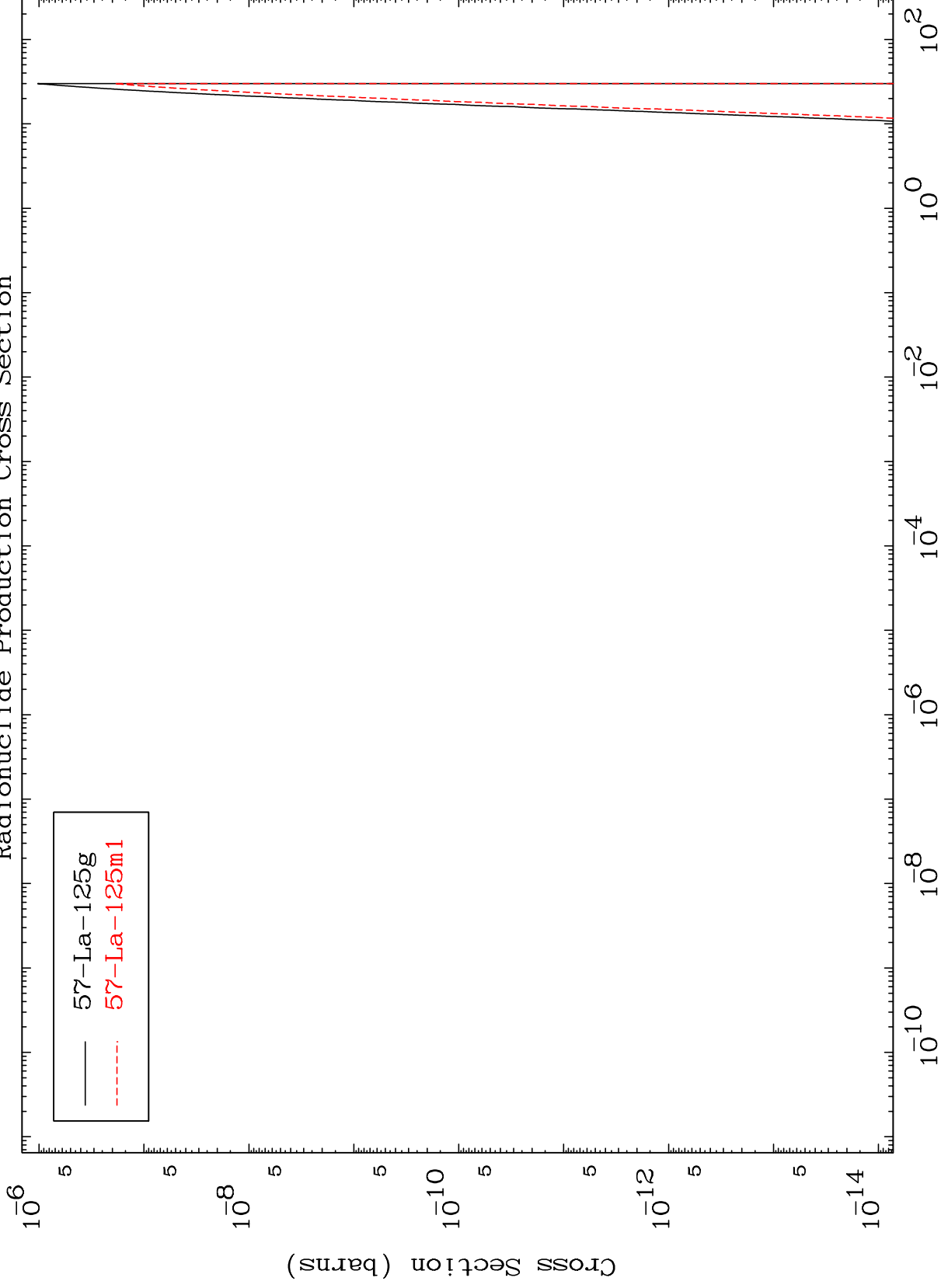
Incident Energy (MeV)

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(n, 3 α)

63-Eu-136m

Radionuclide Production Cross Section



27

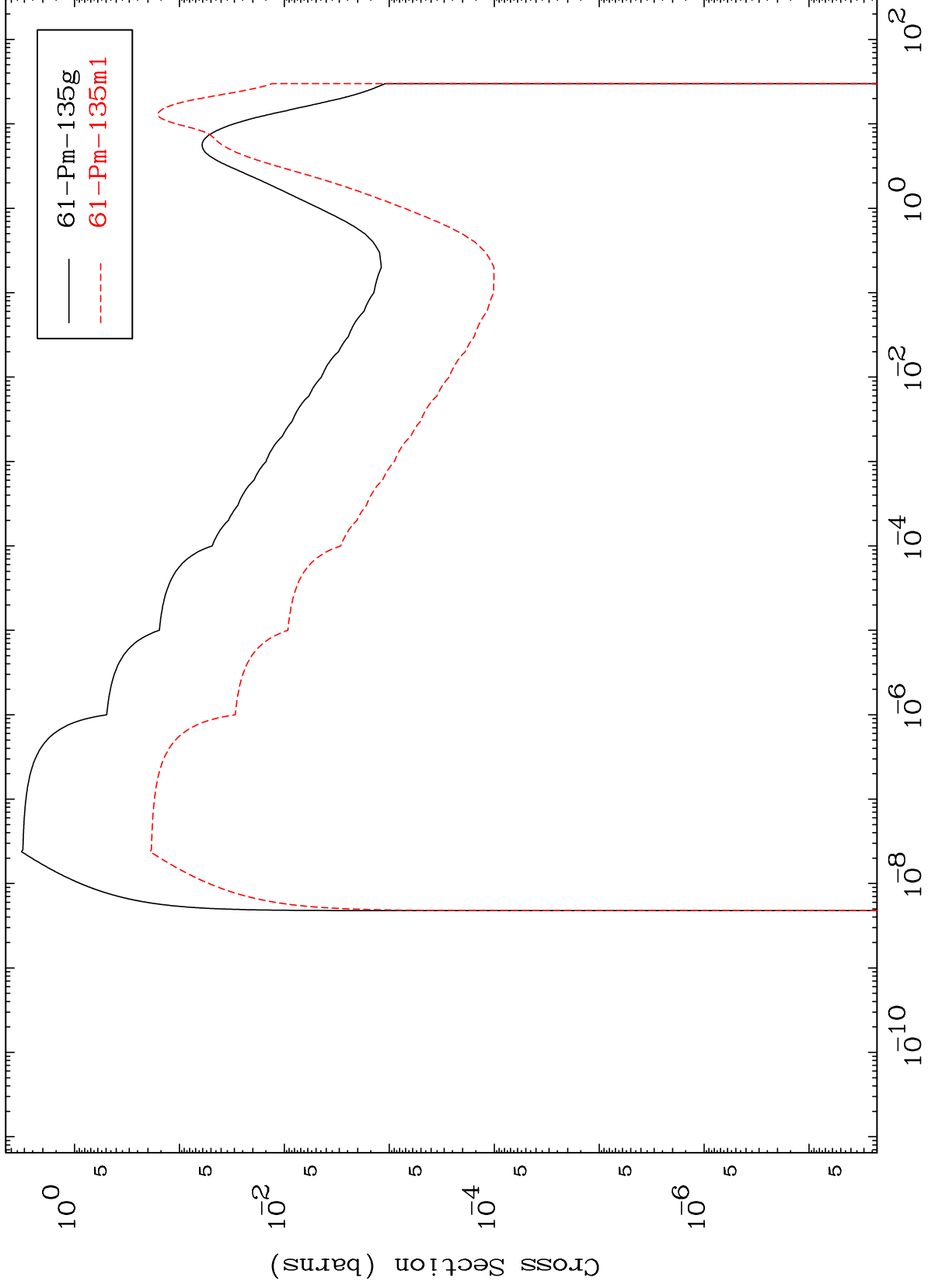
Incident Energy (MeV)

63-Eu-136m

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63-Eu-136m

(n,2p)
Radionuclide Production Cross Section



28

63-Eu-136m

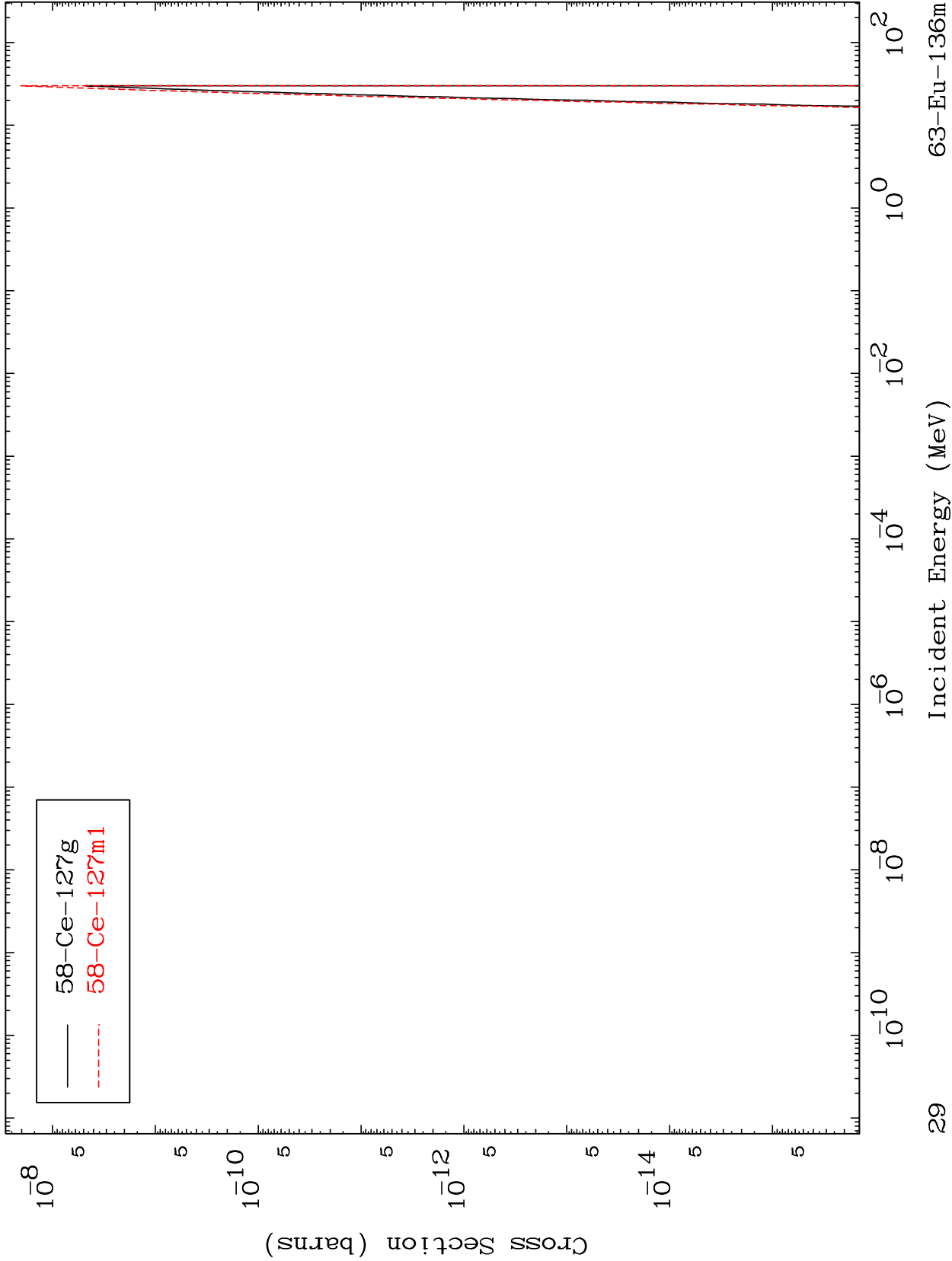
Incident Energy (MeV)

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(n,d) 2 α

63-Eu-136m

Radionuclide Production Cross Section

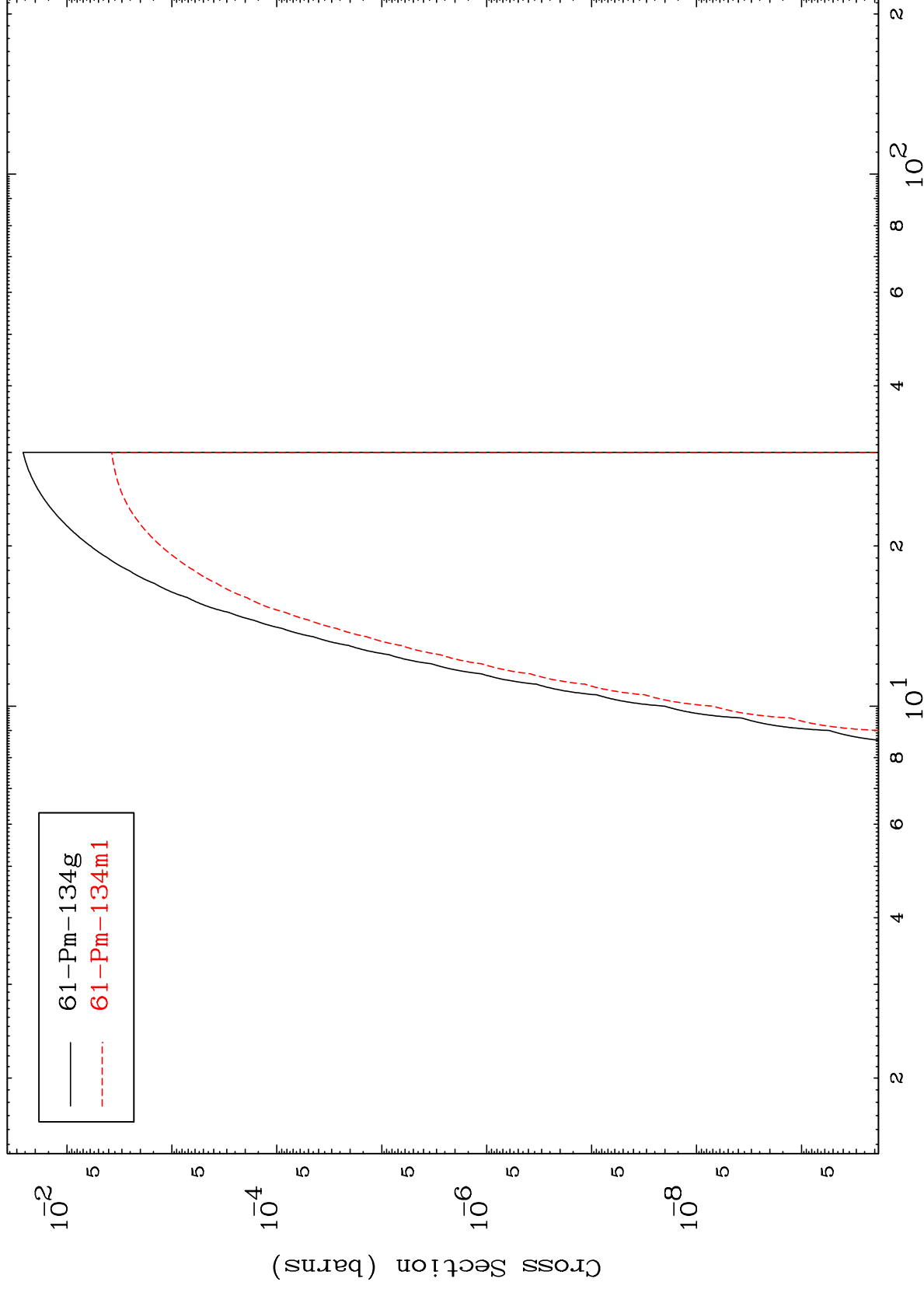


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(n,p) d

63-Eu-136m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

63-Eu-136m

MAT 6281

(n,p) t

63-Eu-136m

