

Program EVALPLOT
(Version 2017-1)

by

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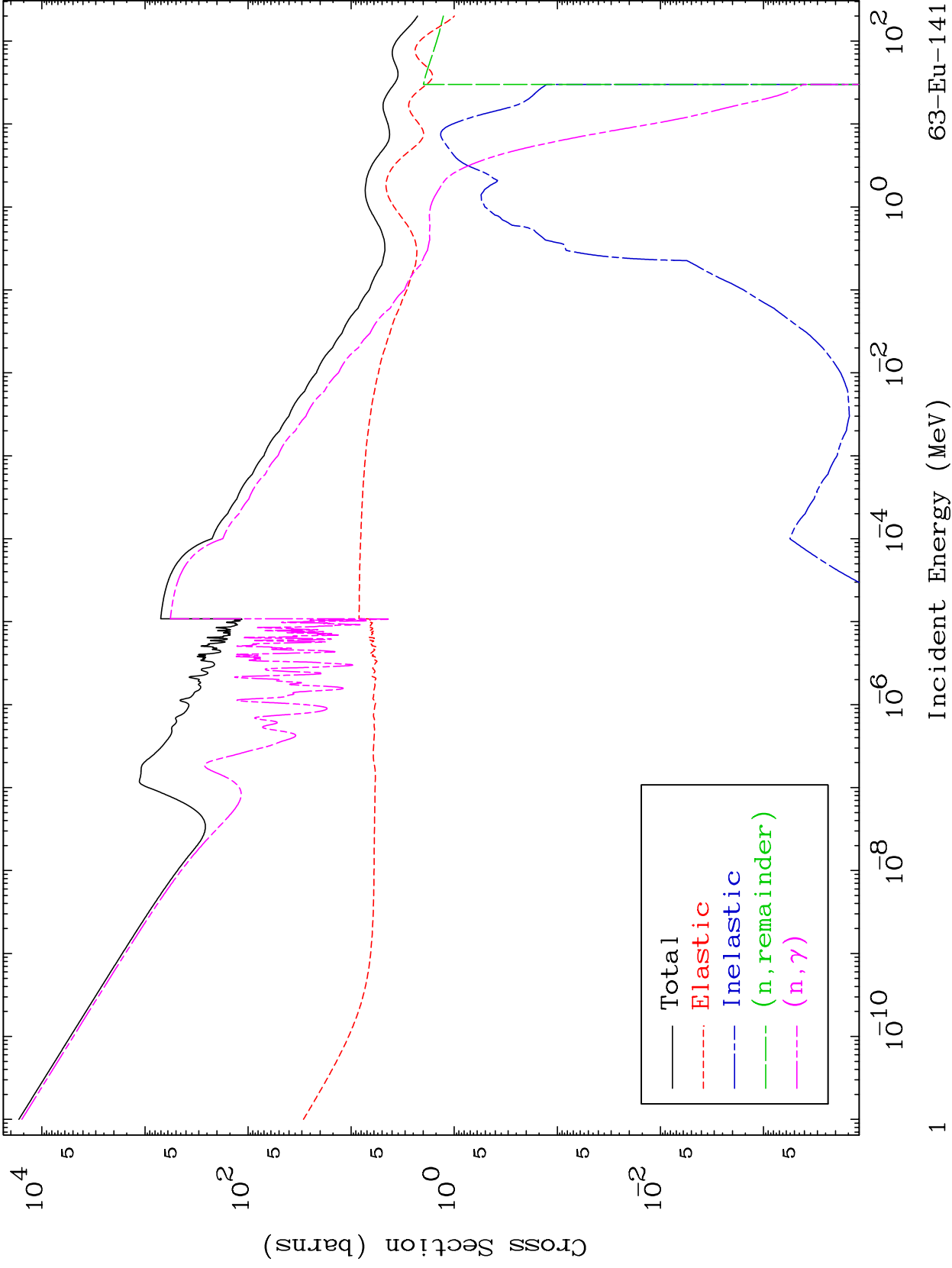
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6296

Major
293 Kelvin Cross Sections

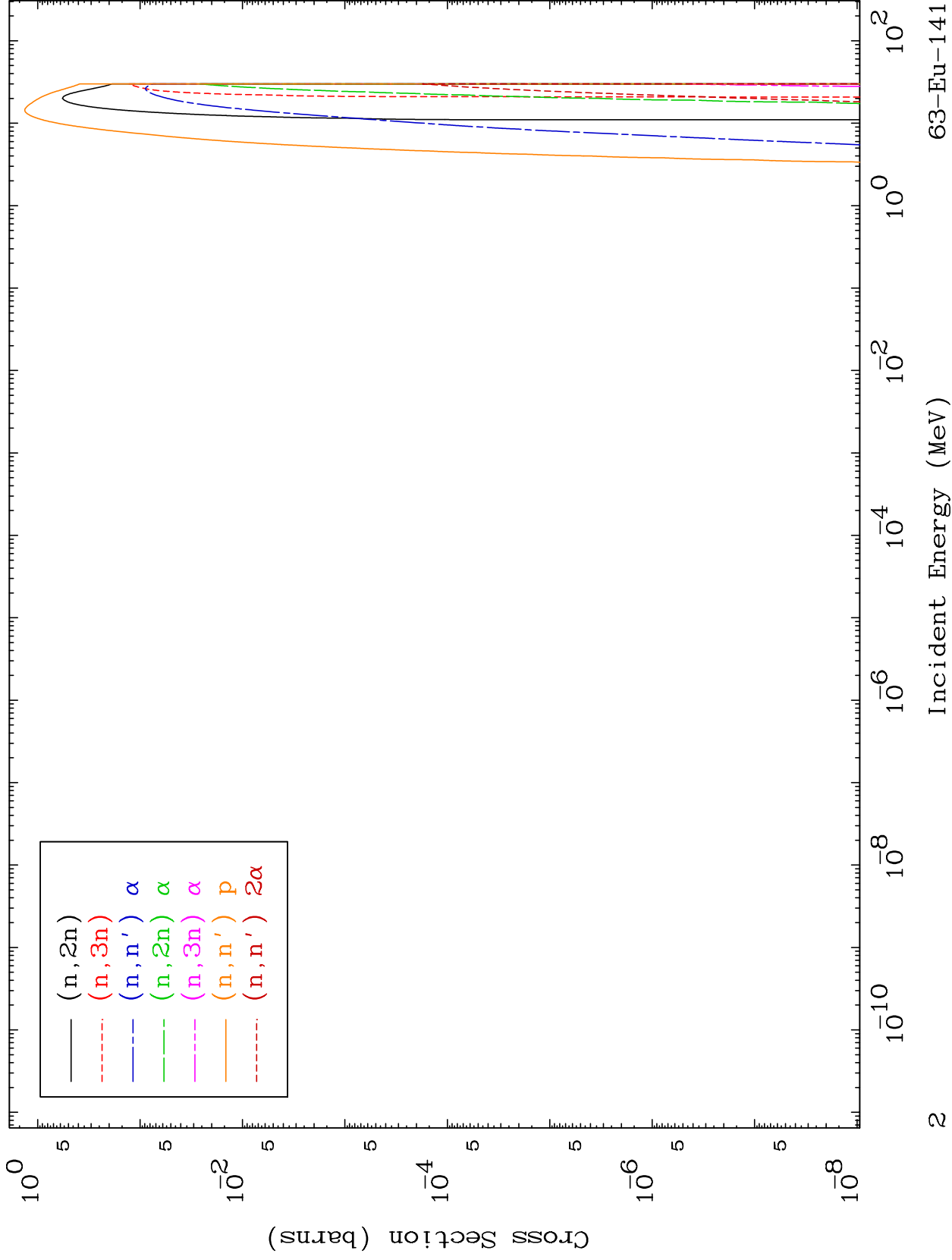
63-Eu-141

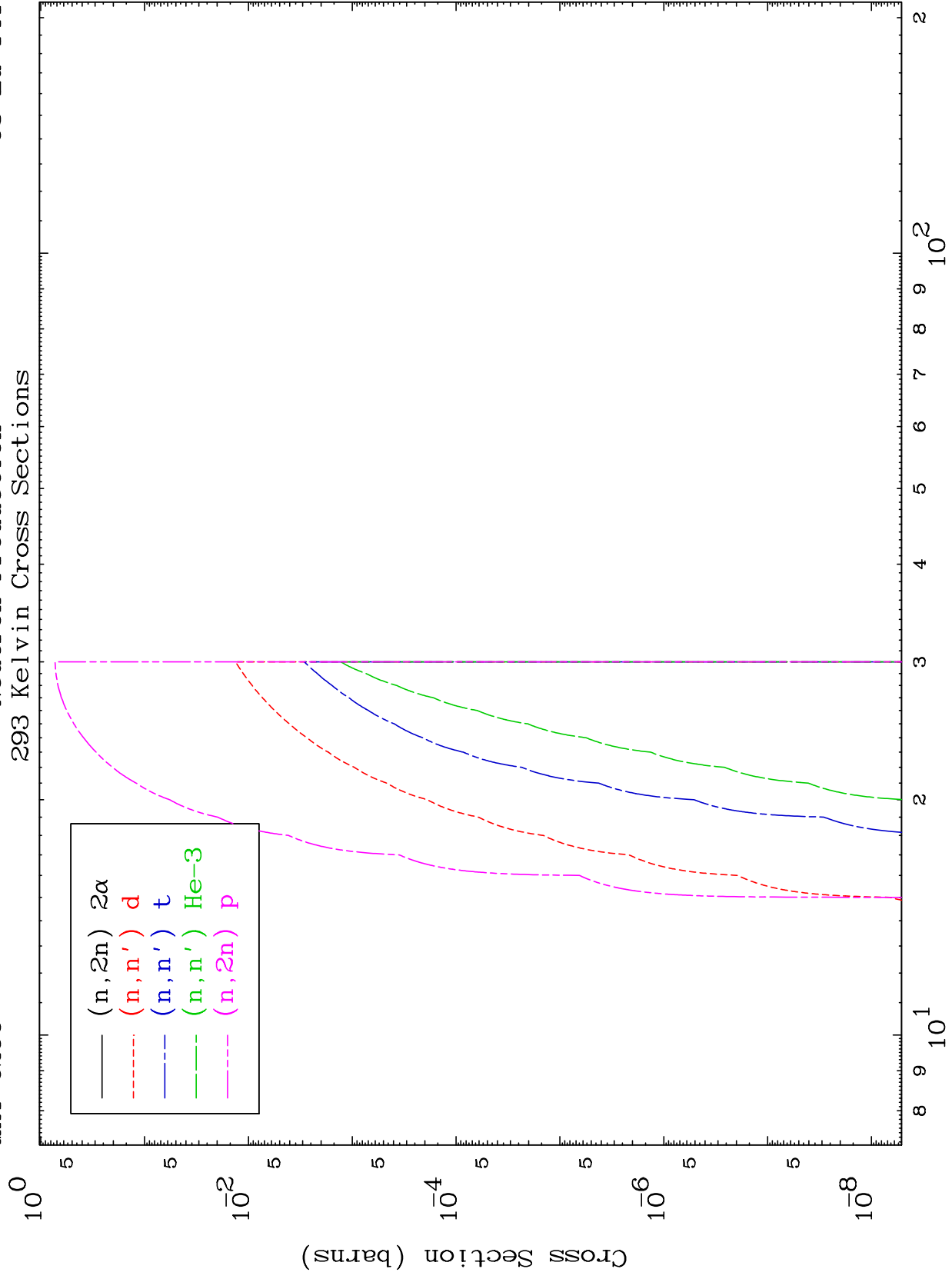


MAT 6296

Neutron Production
293 Kelvin Cross Sections

63-Eu-141

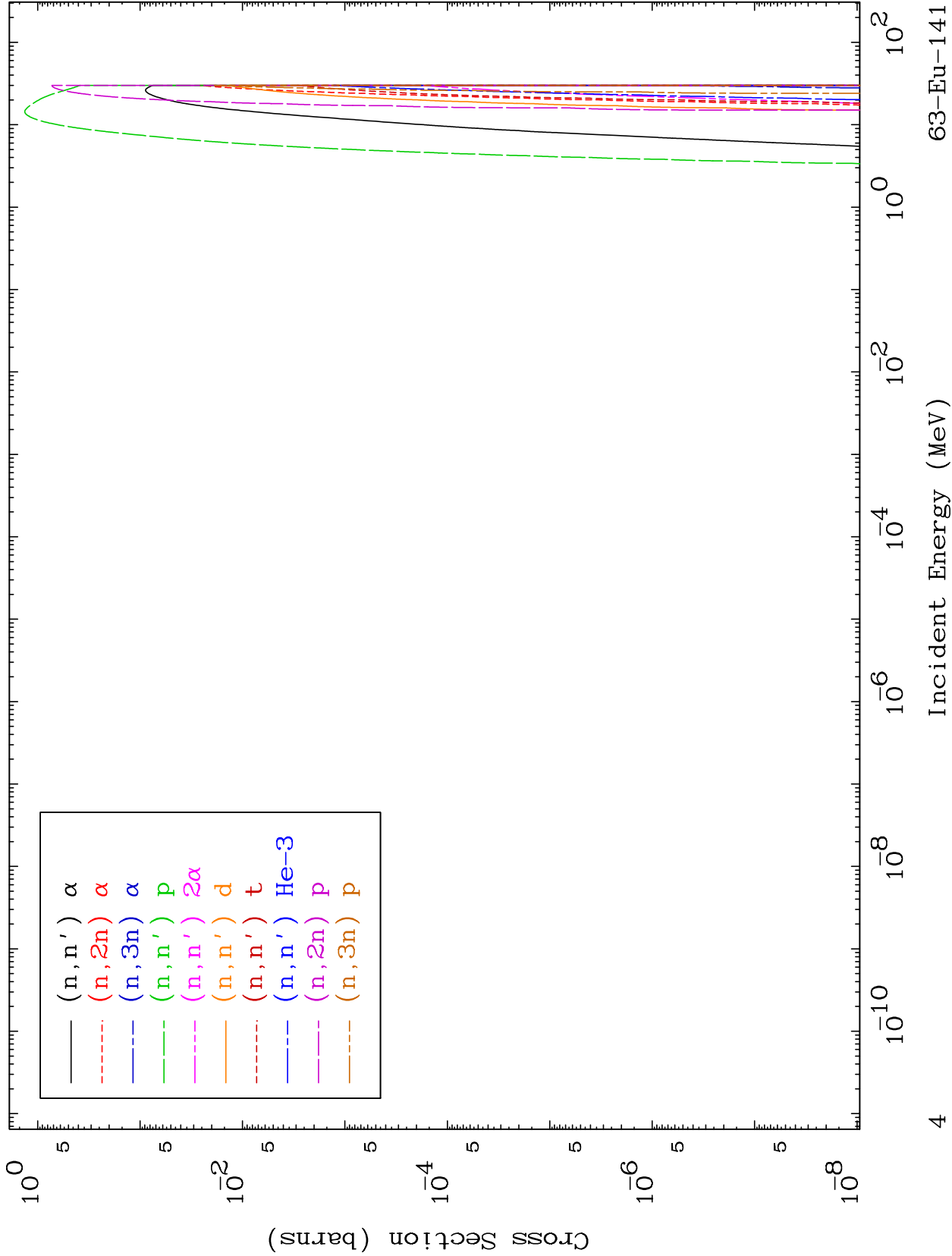




MAT 6296

Charged Particle
293 Kelvin Cross Sections

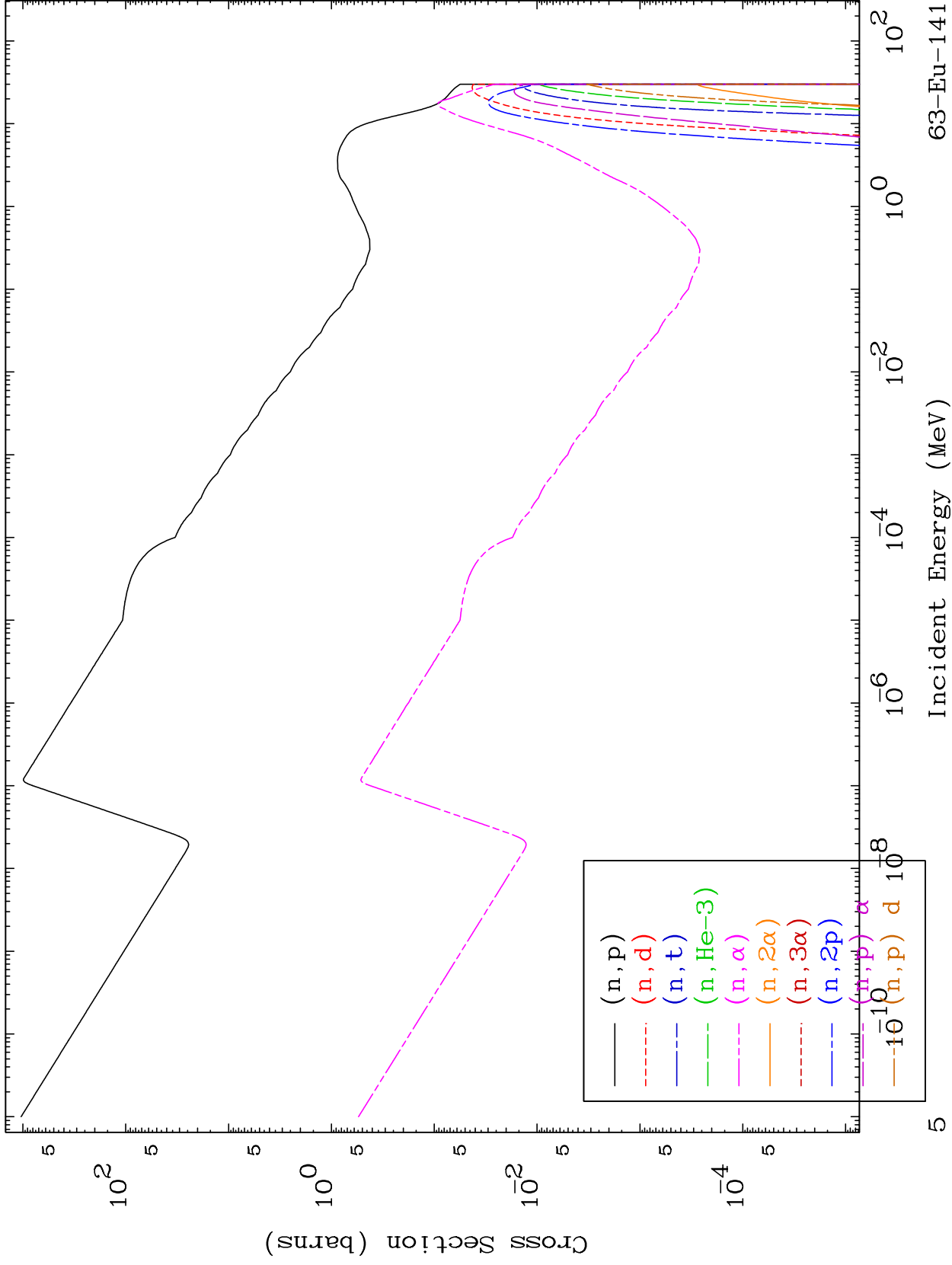
63-Eu-141



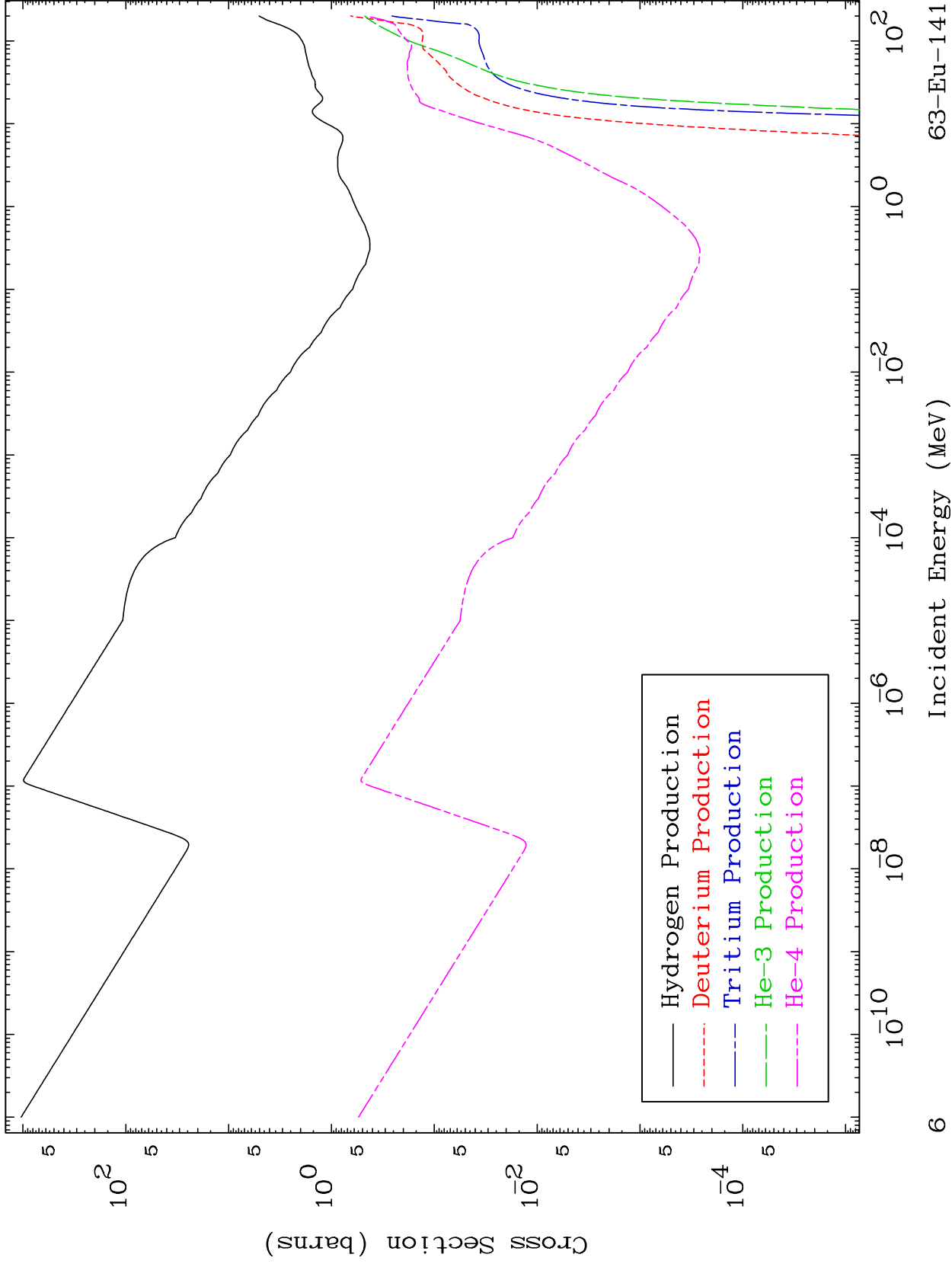
MAT 6296

Charged Particle
293 Kelvin Cross Sections

63-Eu-141



5

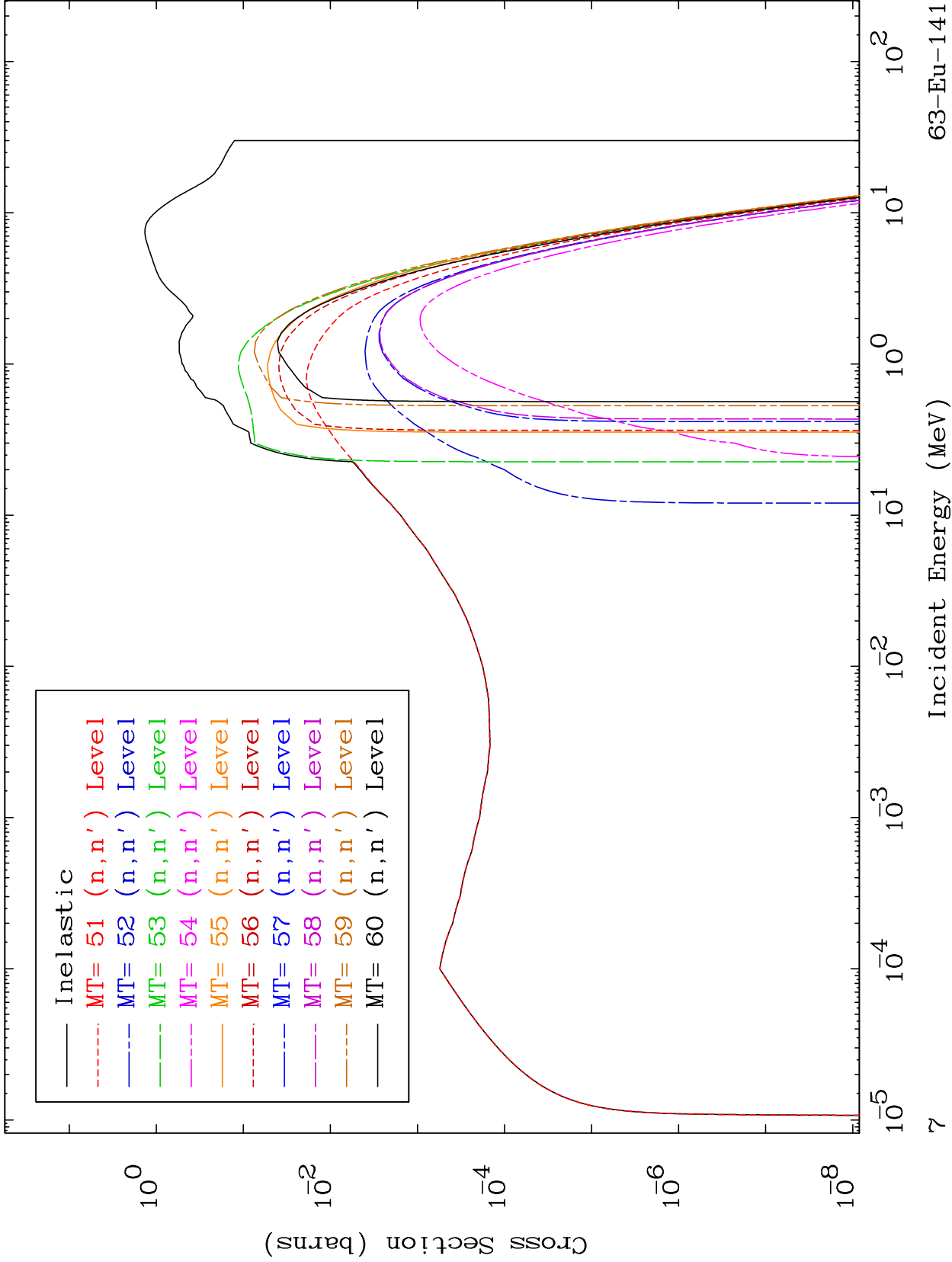


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(n,n') Level

63-Eu-141

293 Kelvin Cross Sections

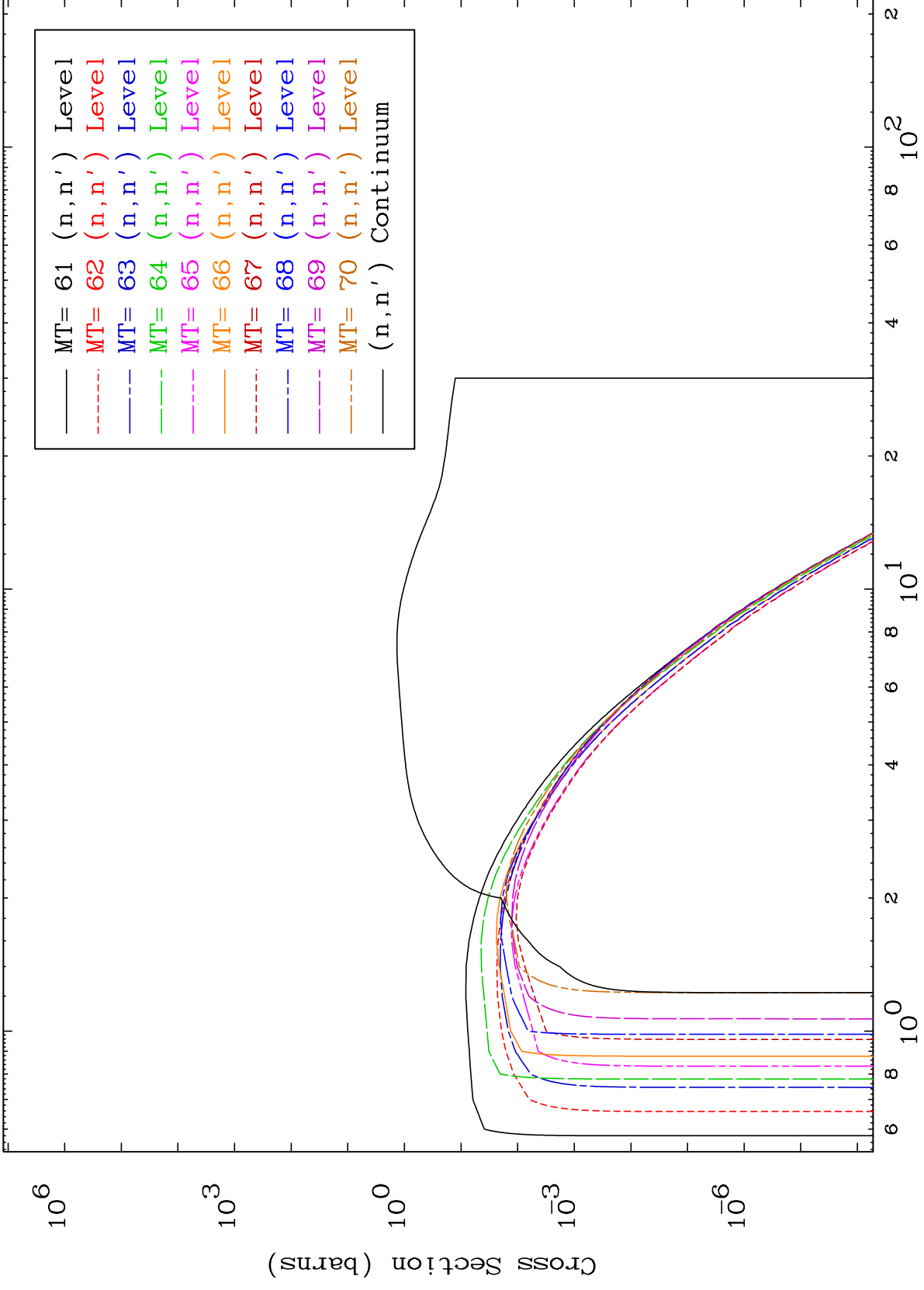


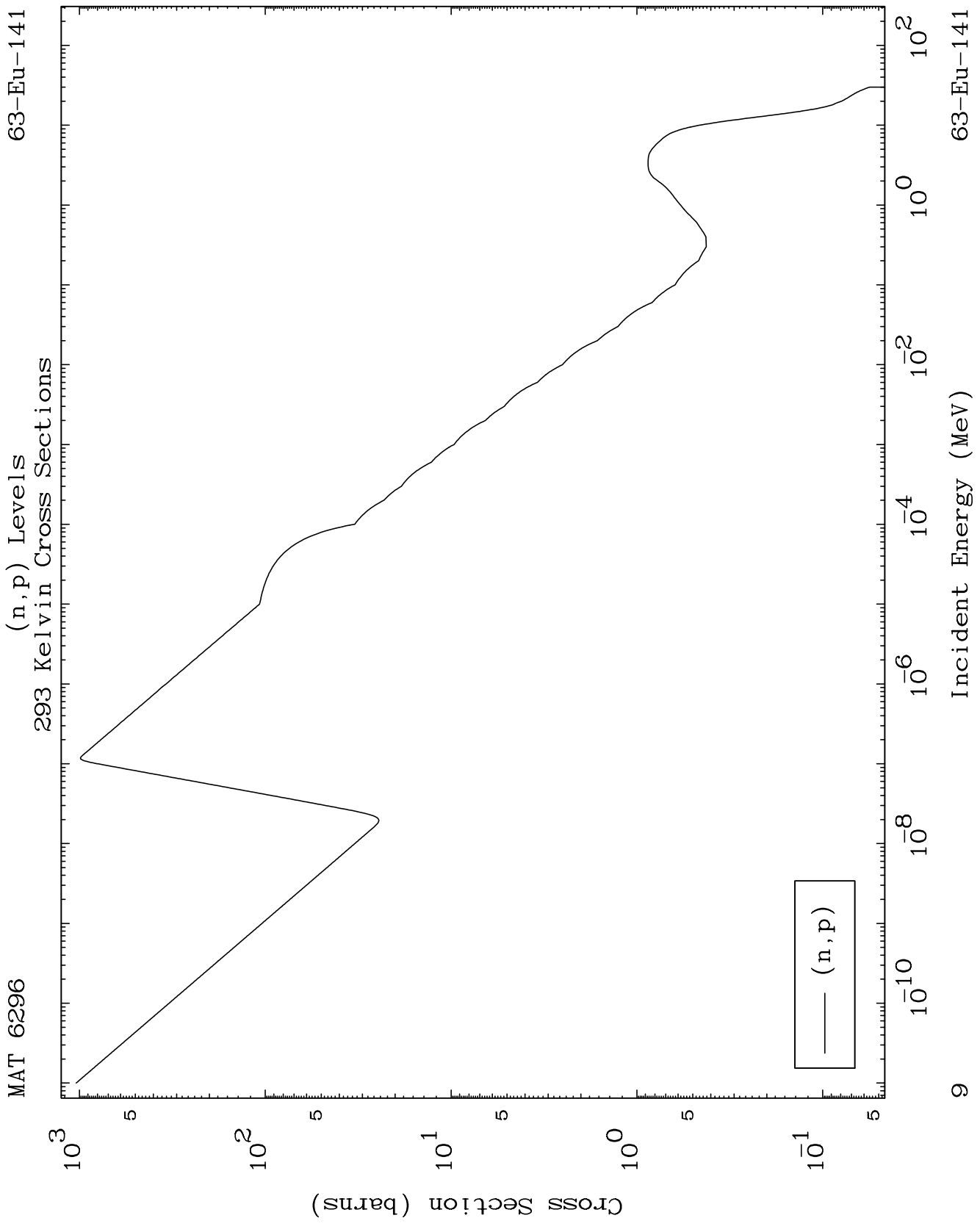
63-Eu-141

Incident Energy (MeV)

7

293 Kelvin Cross Sections

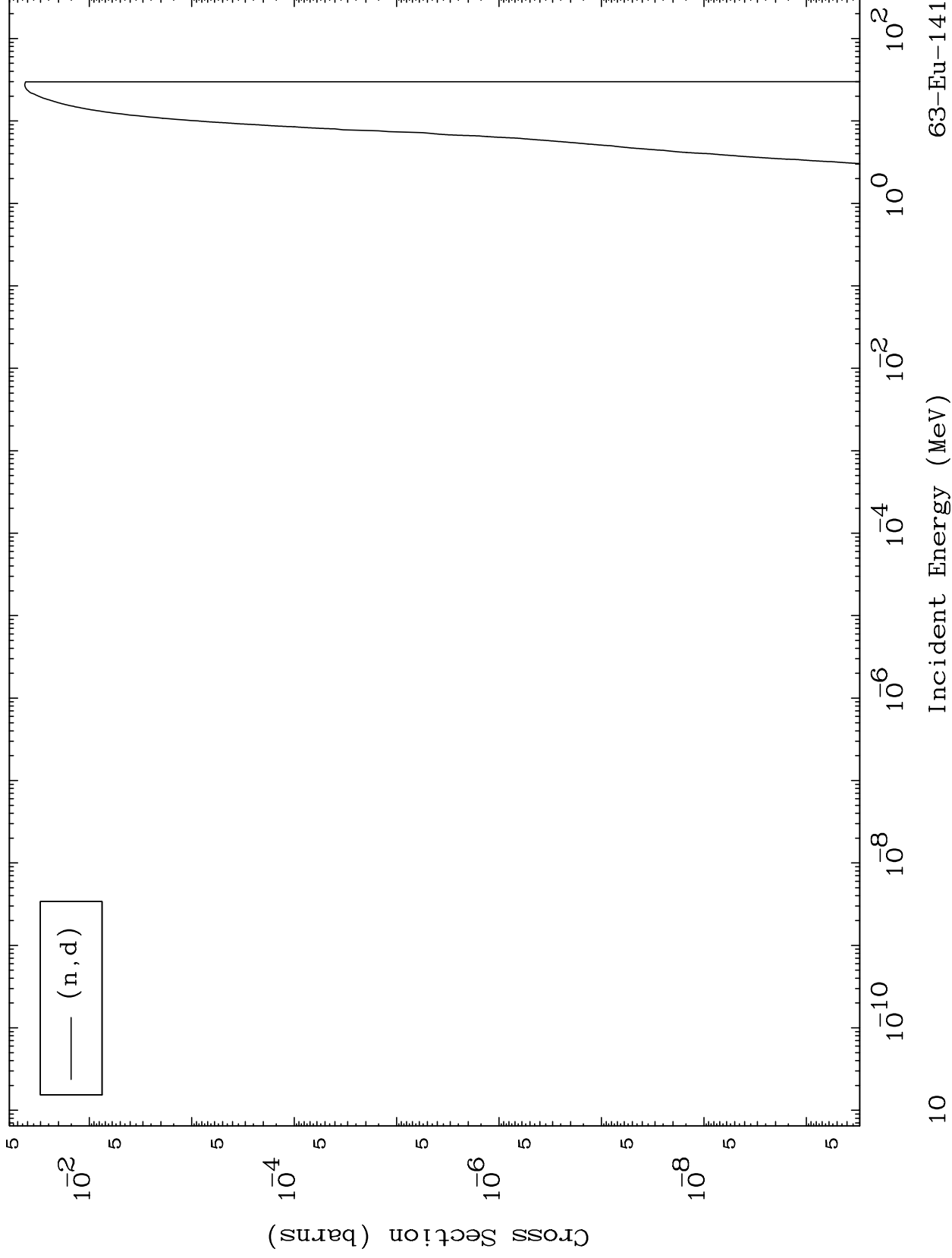




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(n,d) Levels
293 Kelvin Cross Sections

63-Eu-141



10

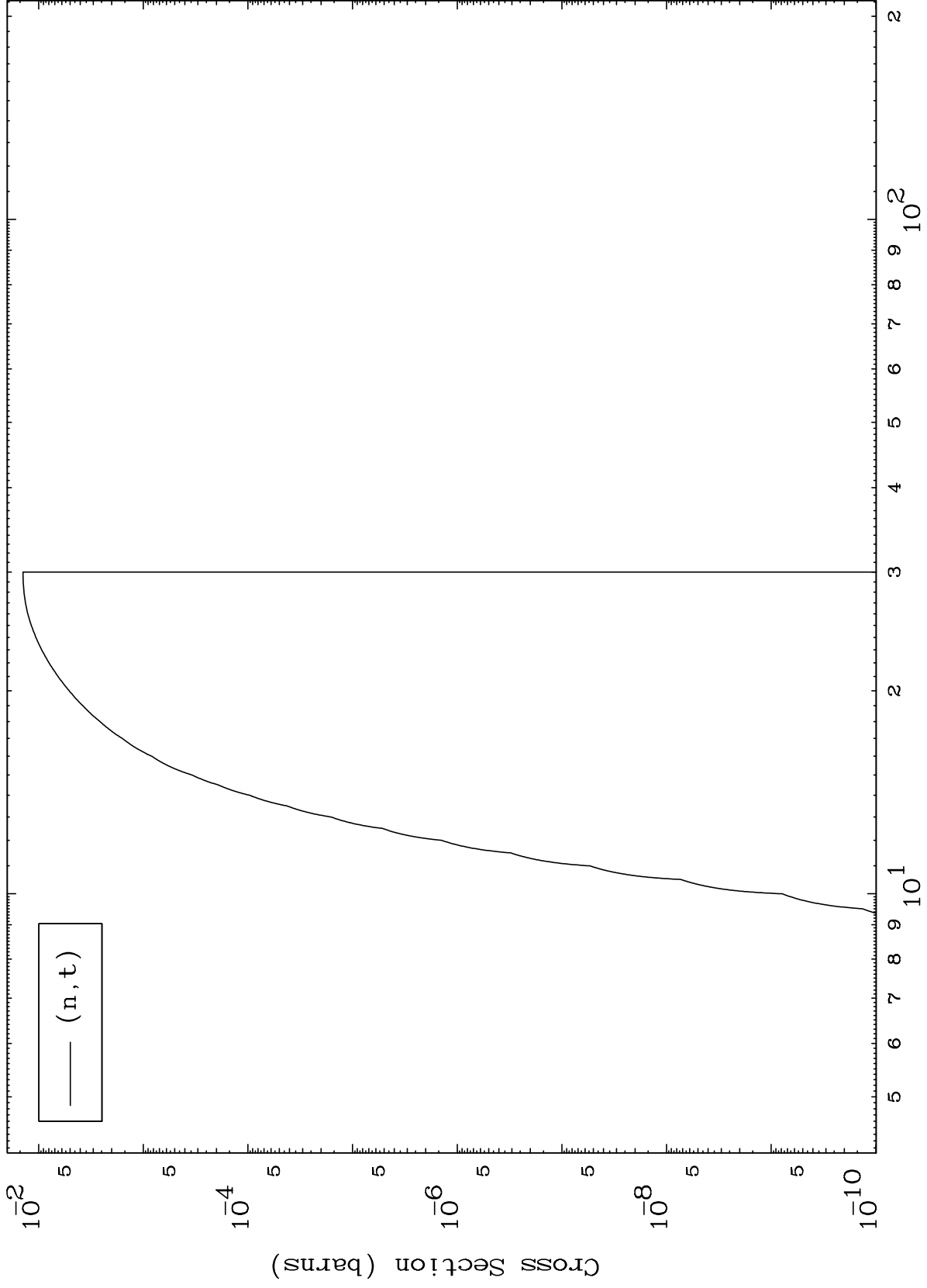
Incident Energy (MeV)

63-Eu-141

MAT 6296

(n,t) Levels
293 Kelvin Cross Sections

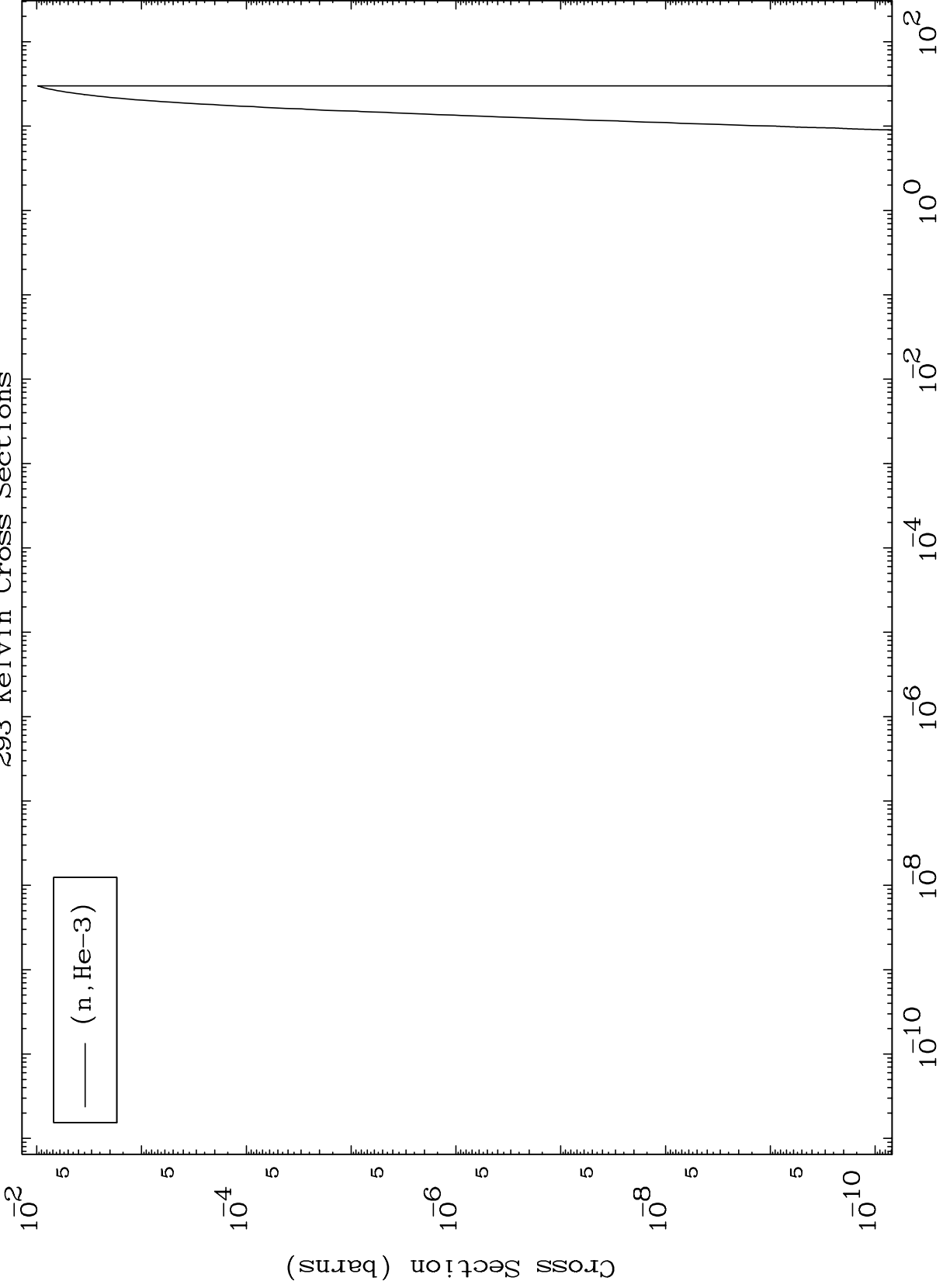
63-Eu-141



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(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-141



12

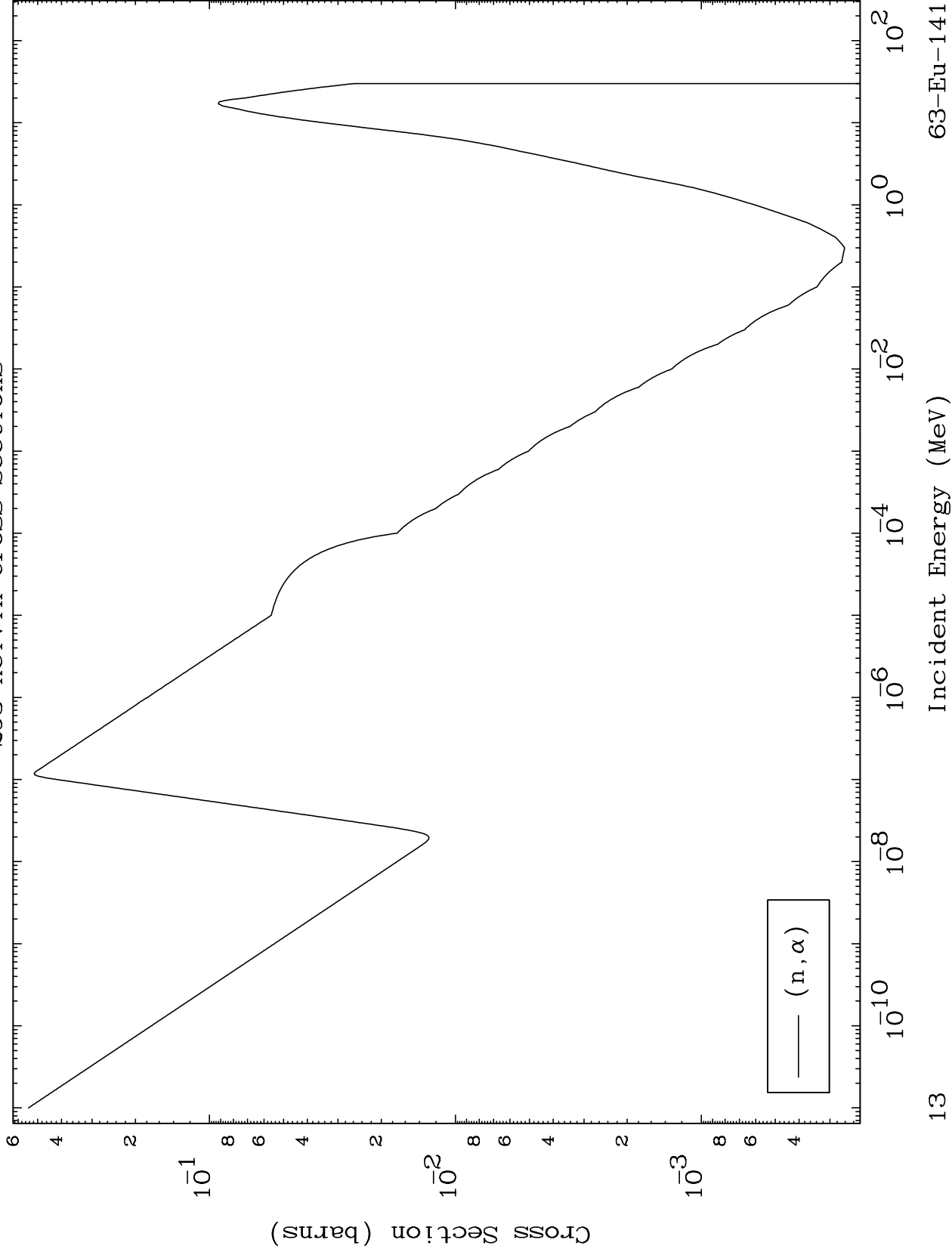
Incident Energy (MeV)

63-Eu-141

MAT 6296

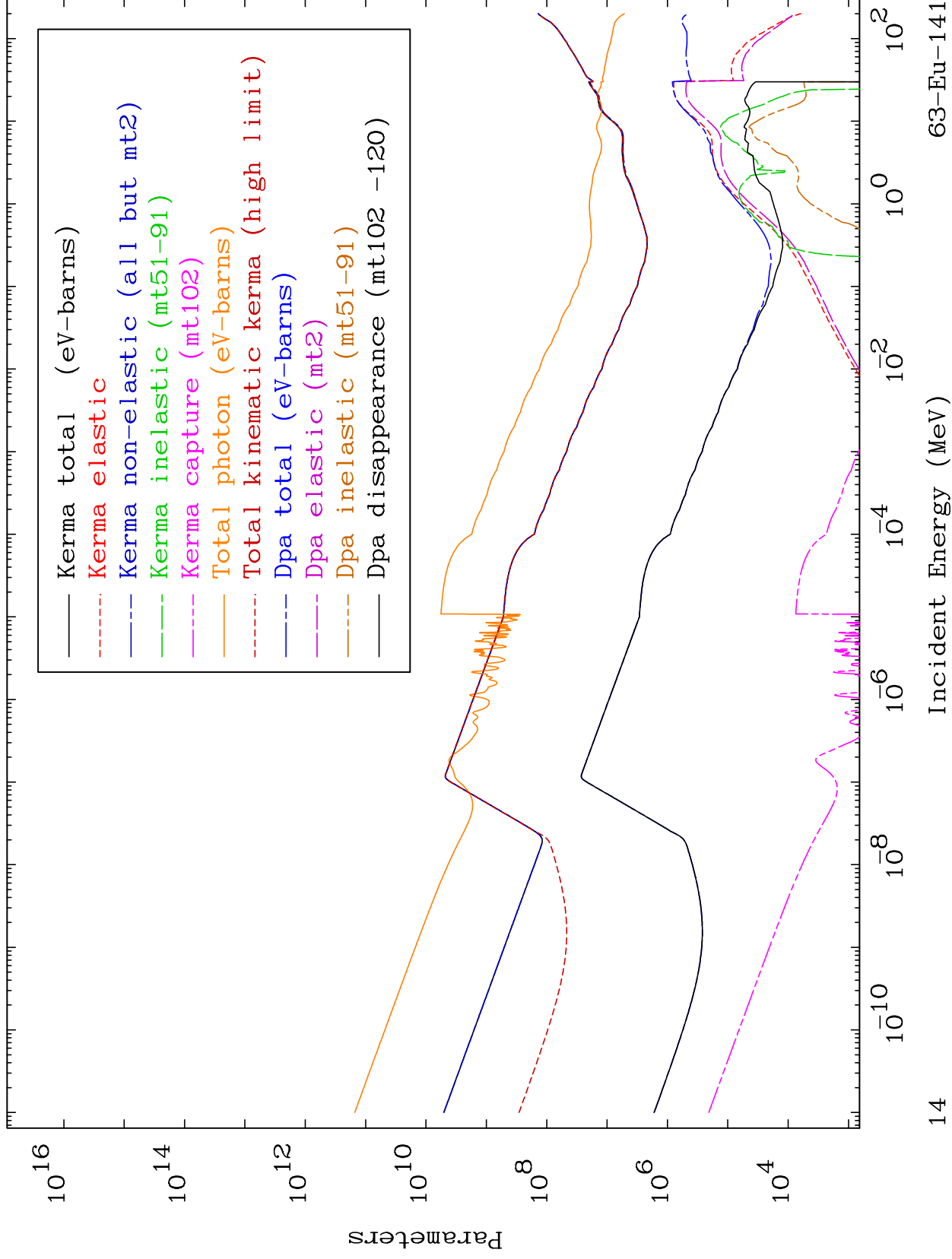
(n, α) Levels
293 Kelvin Cross Sections

63-Eu-141



13

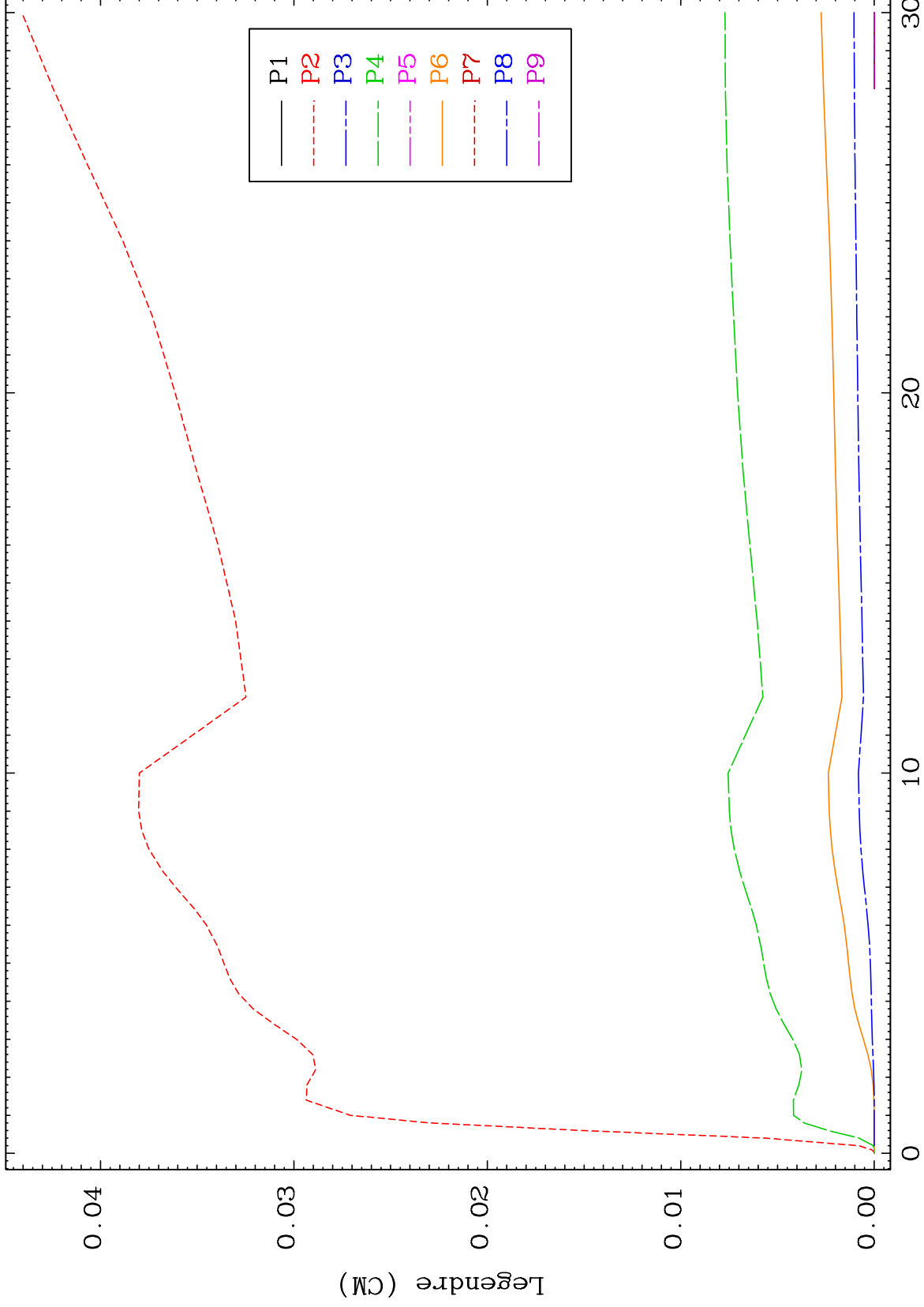
63-Eu-141



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Elastic Legendre Coefficients

63-Eu-141



63-Eu-141

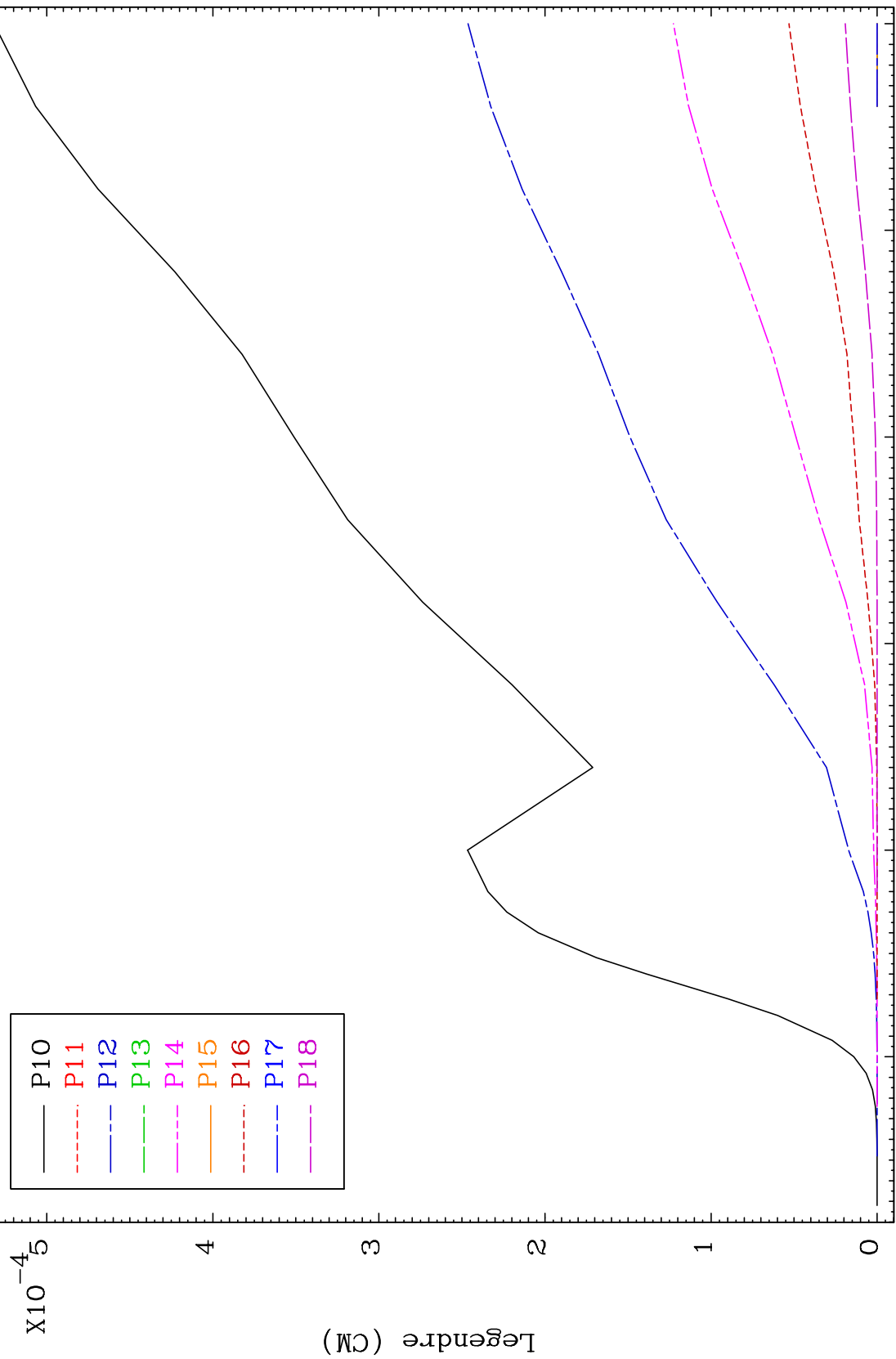
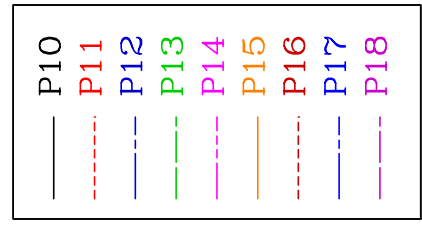
Incident Energy (MeV)

15

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Elastic Legendre Coefficients

⁶³-Eu-141



16

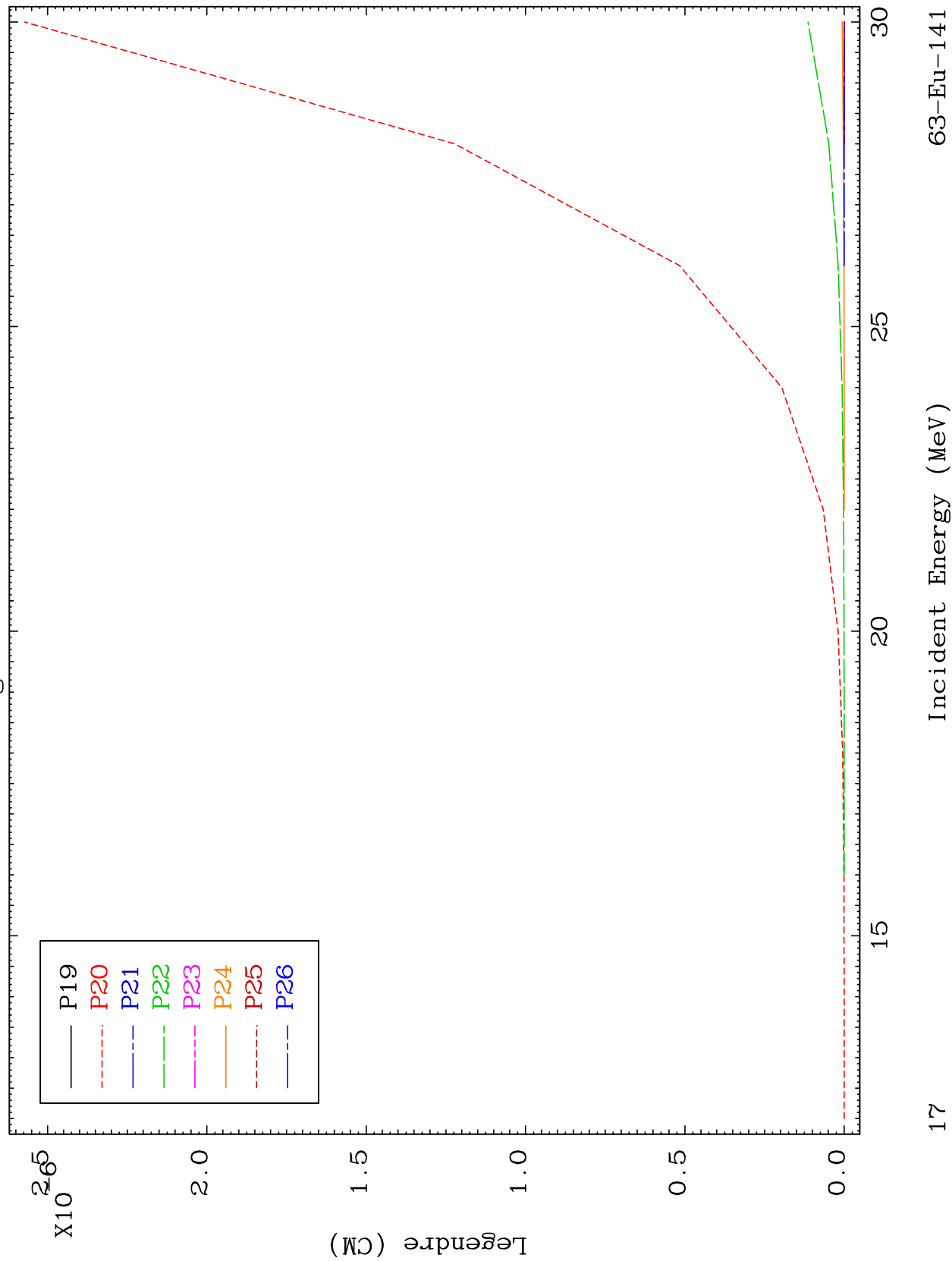
Incident Energy (MeV)

⁶³-Eu-141

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Elastic Legendre Coefficients

63-Eu-141



17

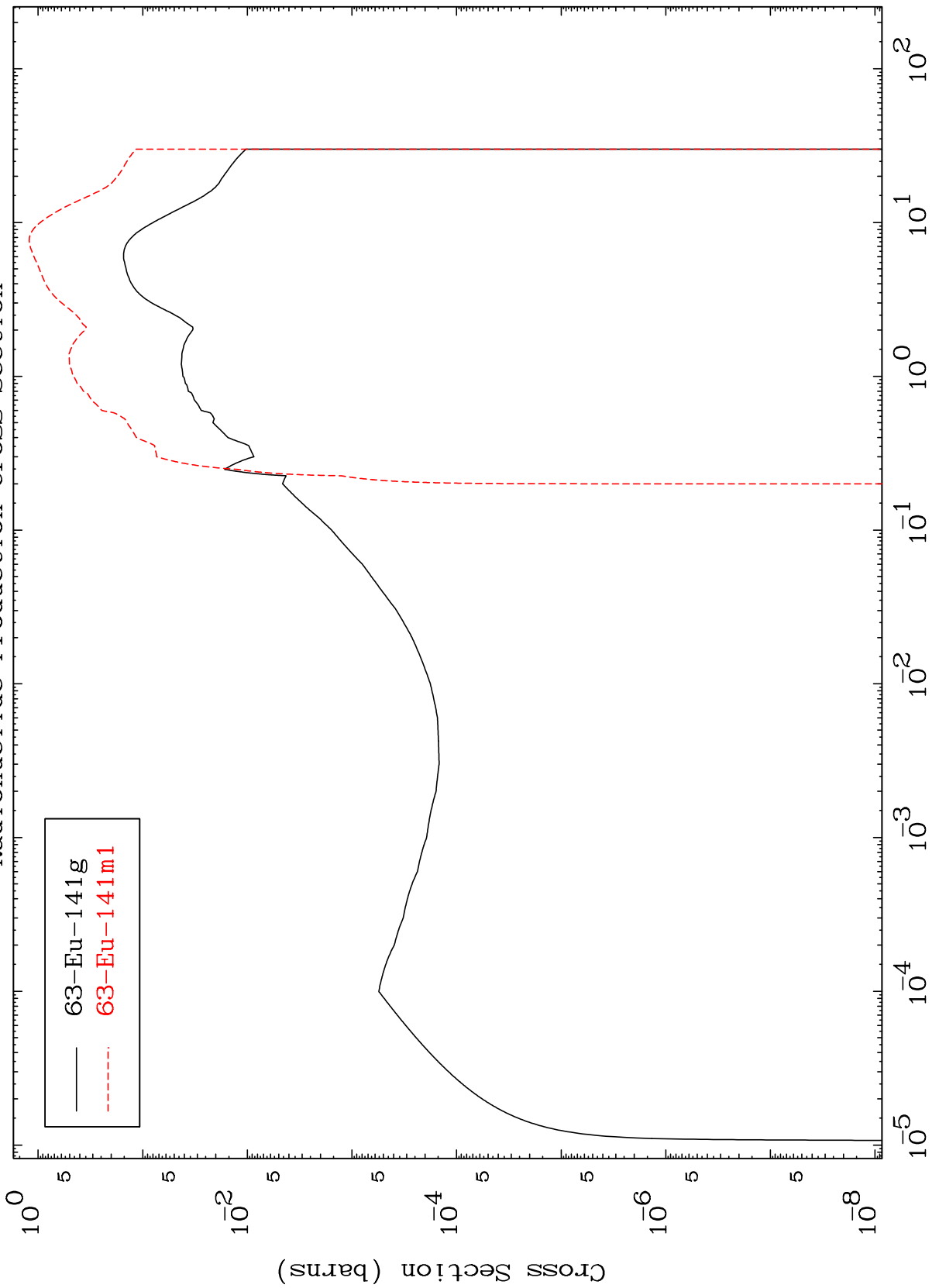
Incident Energy (MeV)

63-Eu-141

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63-Eu-141

Inelastic
Radionuclide Production Cross Section



— 63-Eu-141 g
- - - 63-Eu-141 m1

63-Eu-141

Incident Energy (MeV)

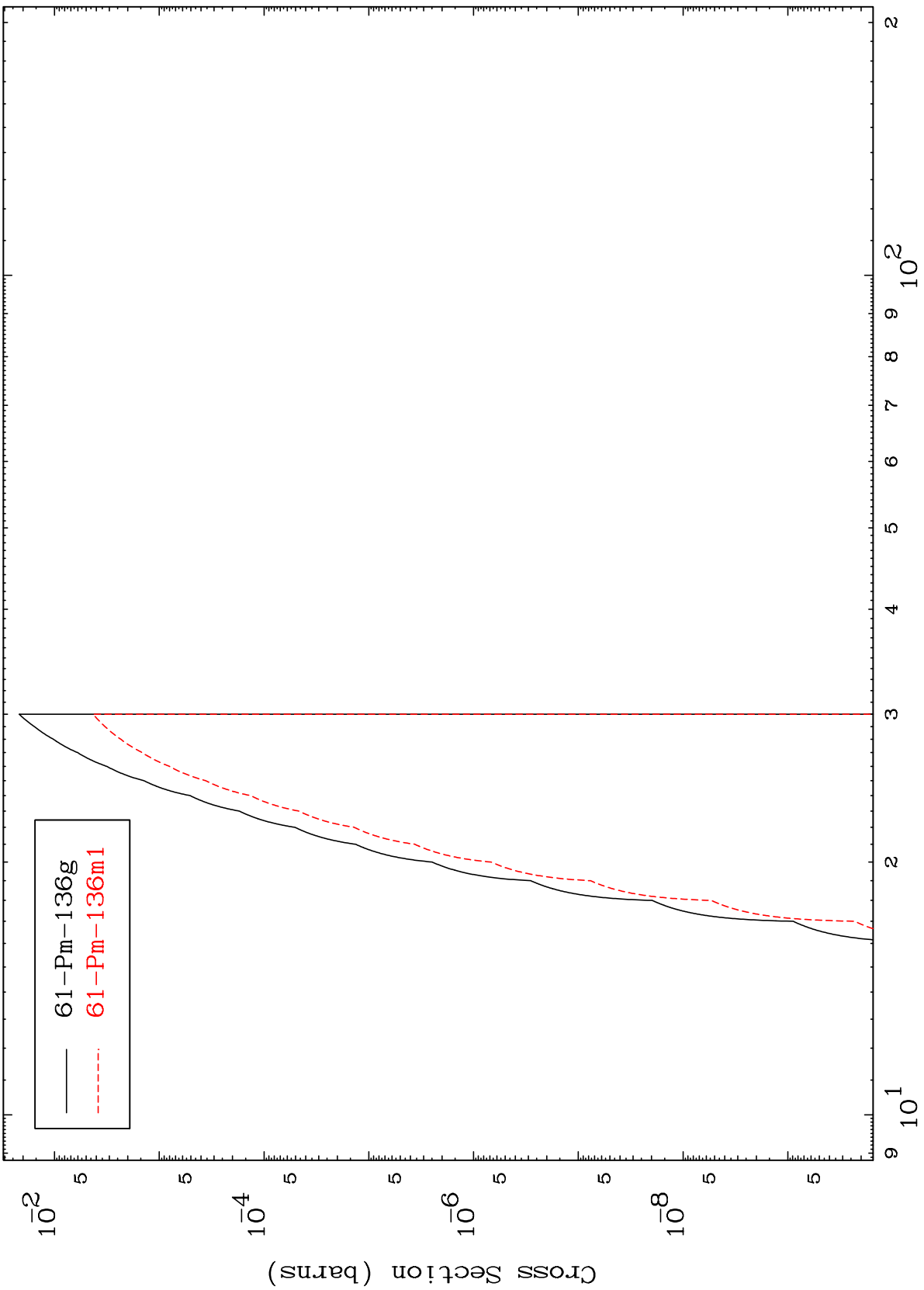
18

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(n,2n) α

63-Eu-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

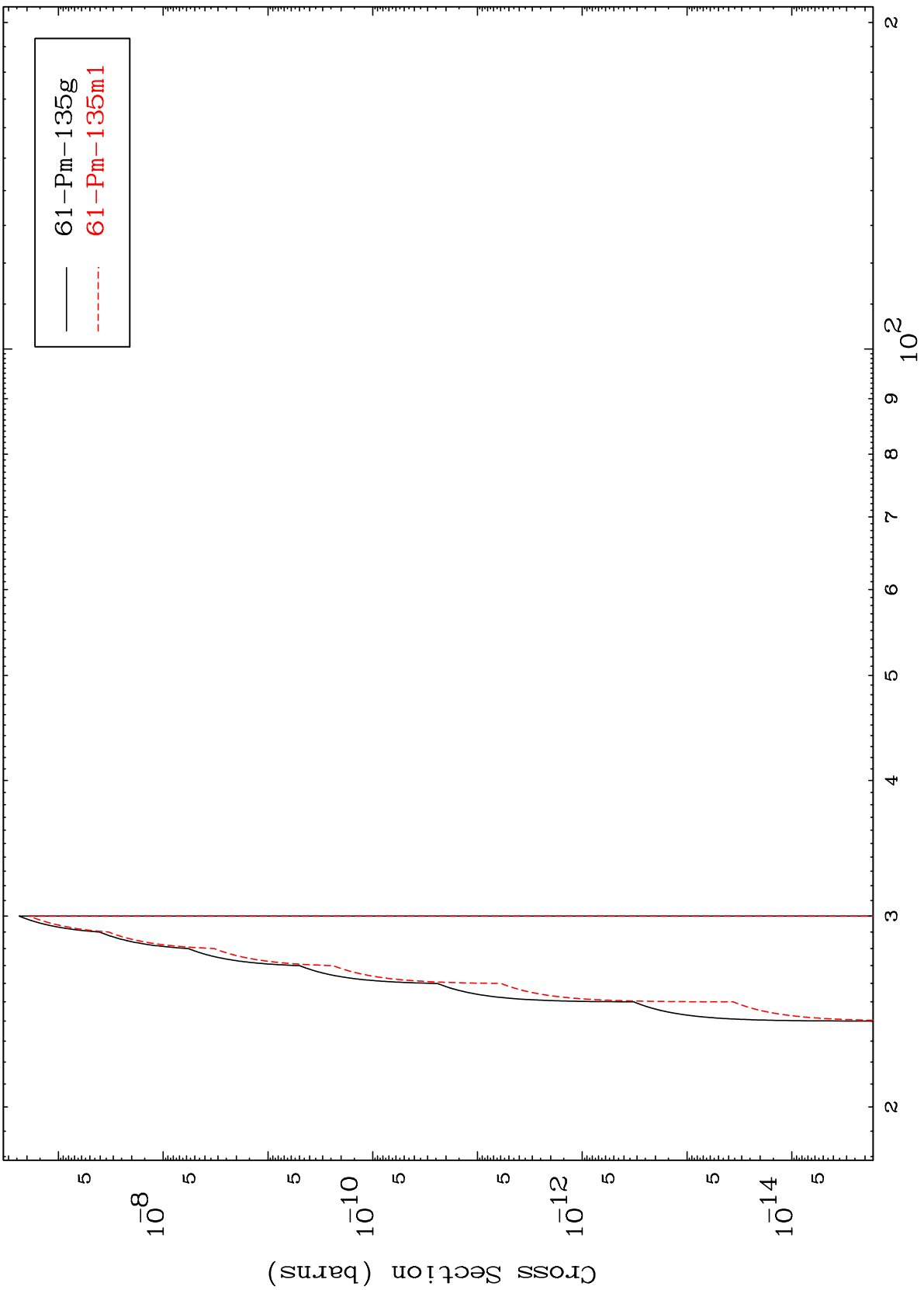
63-Eu-141

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(n,3n) α

63-Eu-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

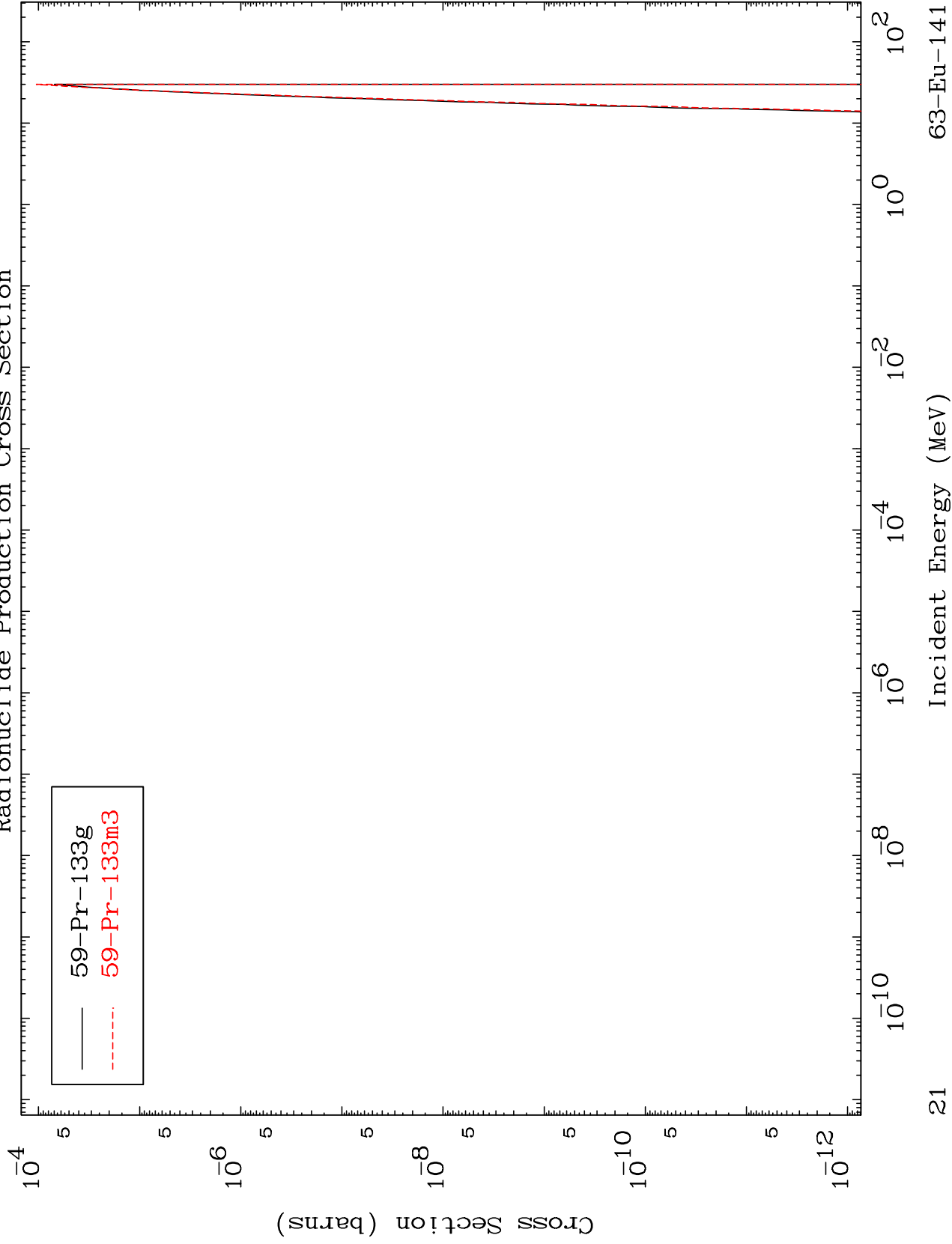
63-Eu-141

MAT 6296

(n,n') 2 α

63-Eu-141

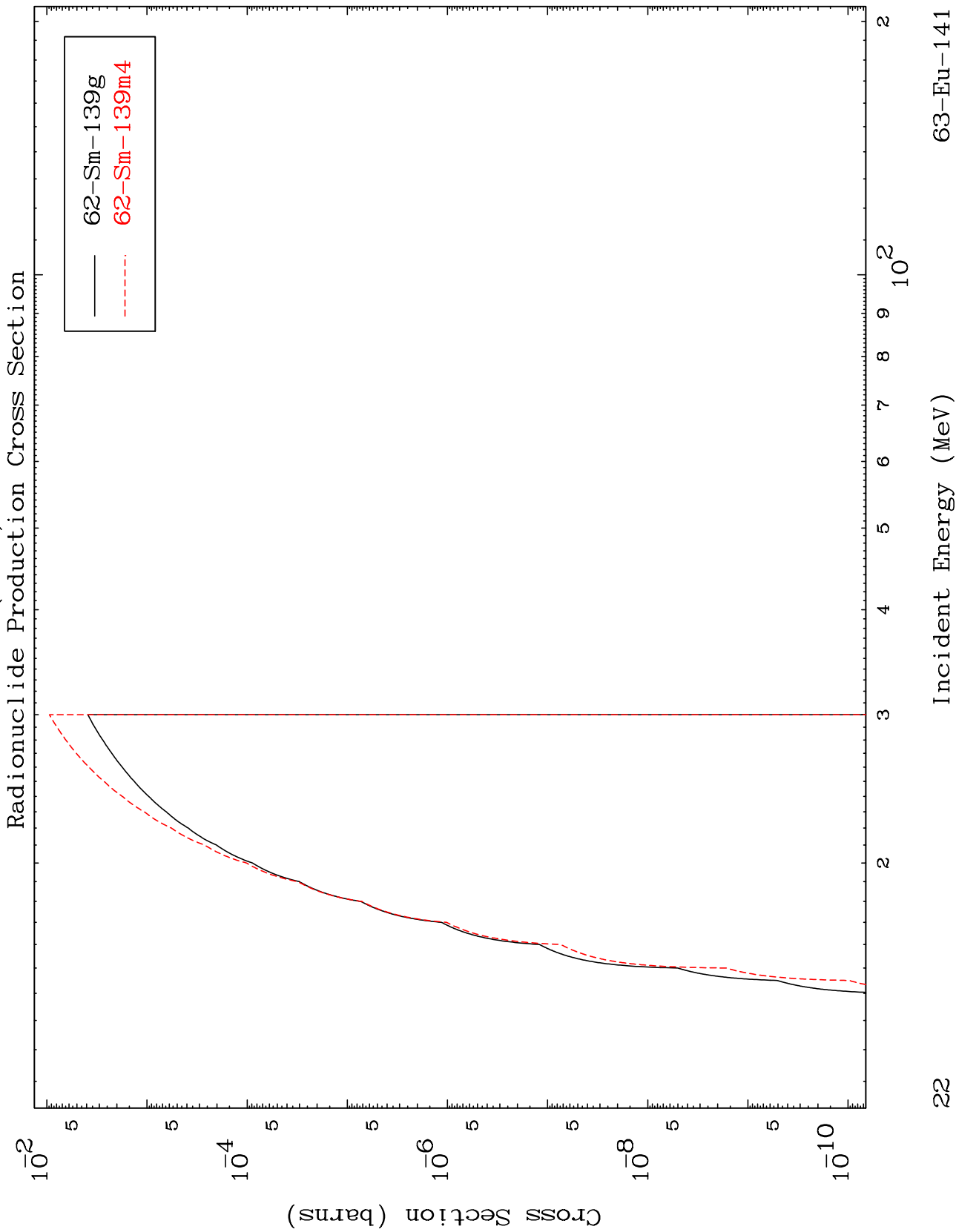
Radionuclide Production Cross Section



MAT 6296

(n,n') d

63-Eu-141



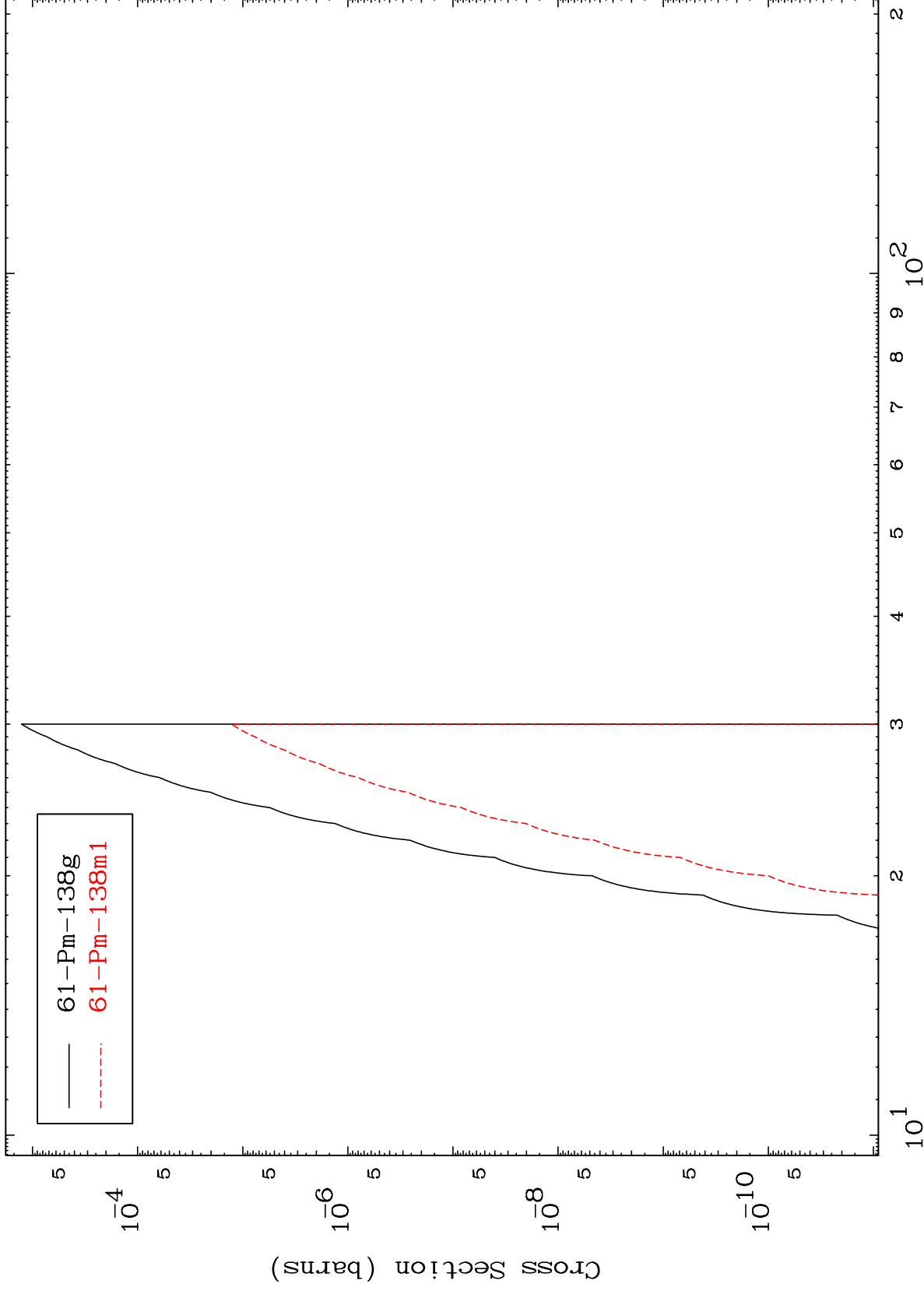
22

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(n,n') He-3

63-Eu-141

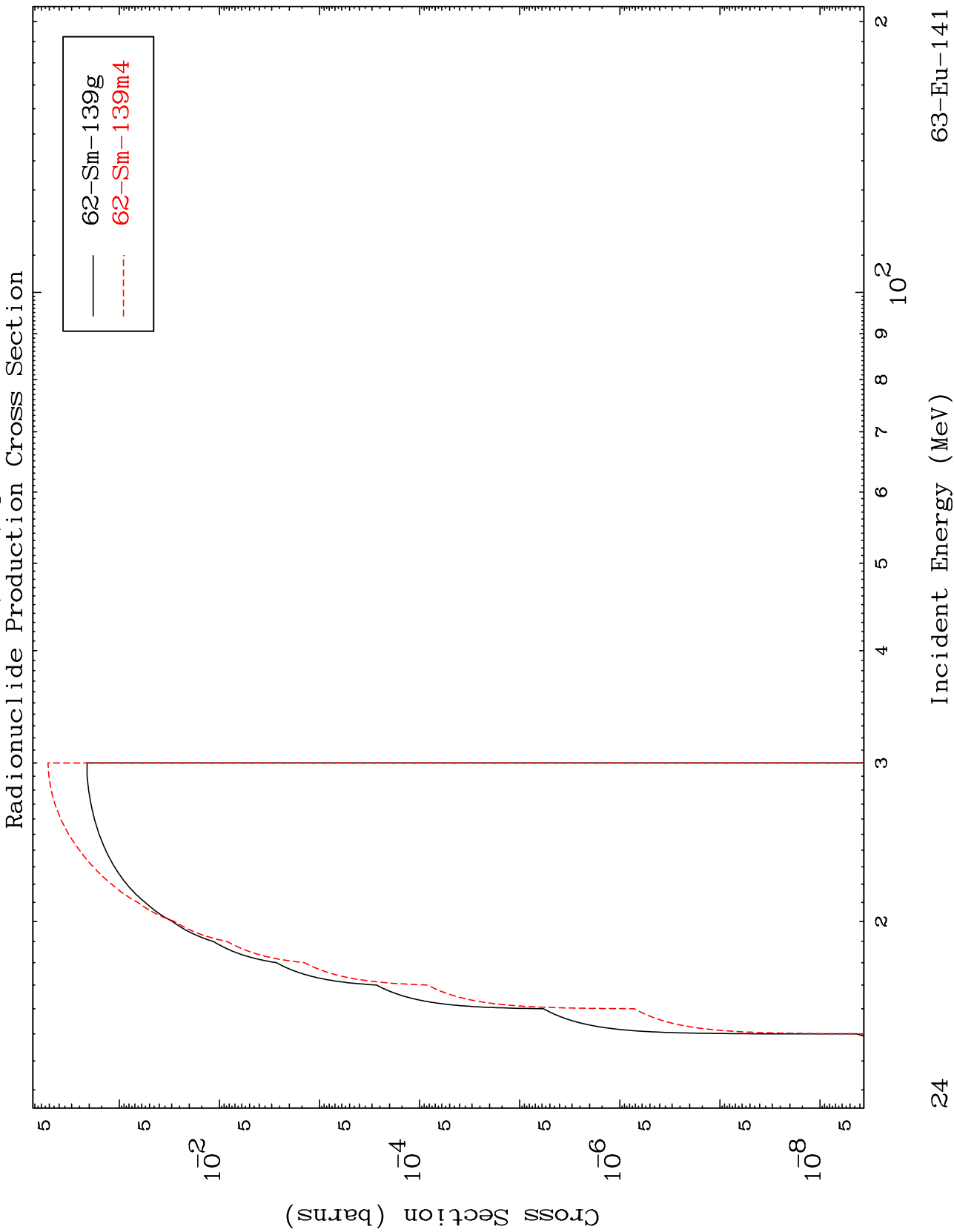
Radionuclide Production Cross Section



23

Incident Energy (MeV)

63-Eu-141

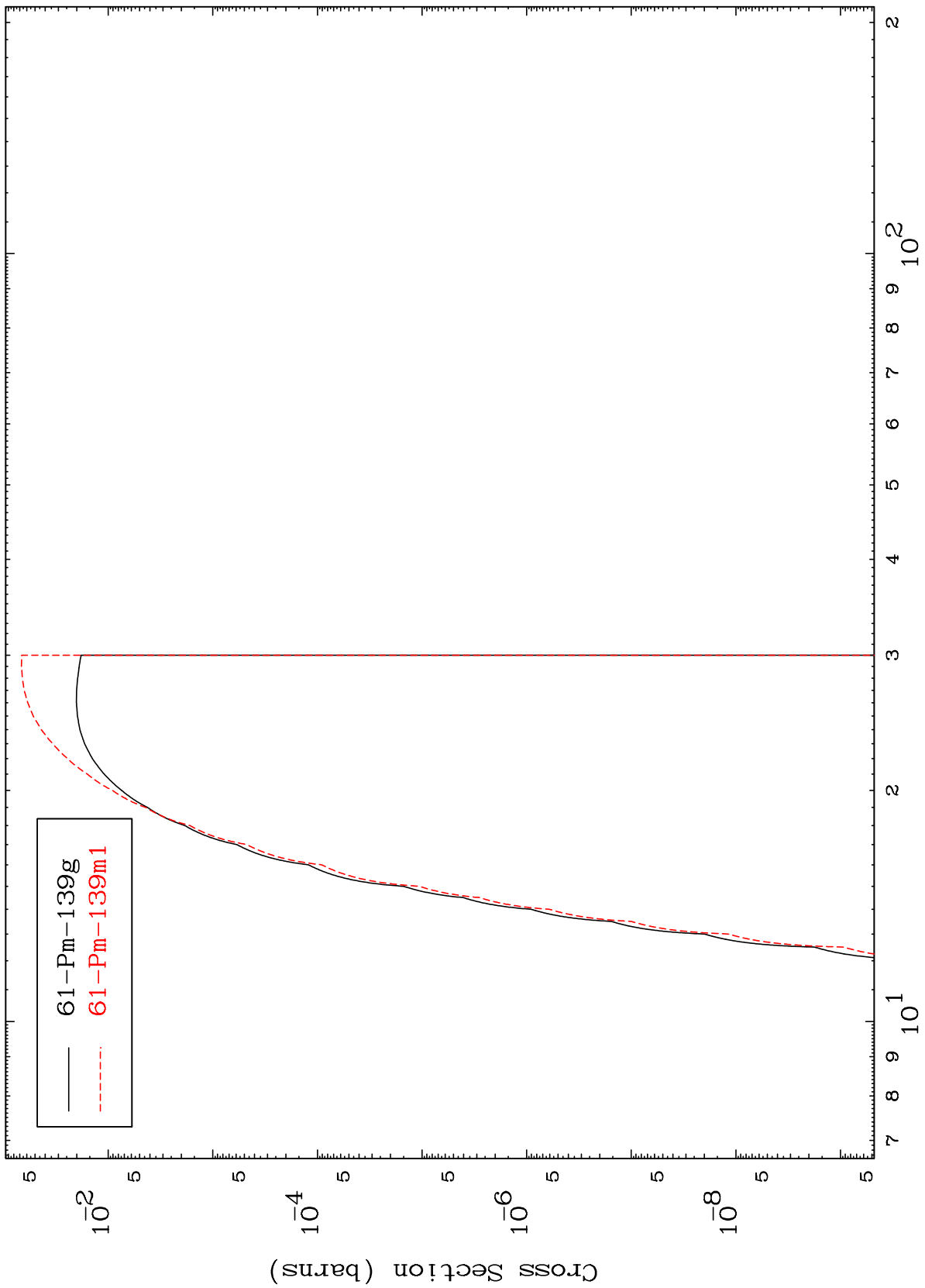


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(n,2n) p

63-Eu-141

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

25

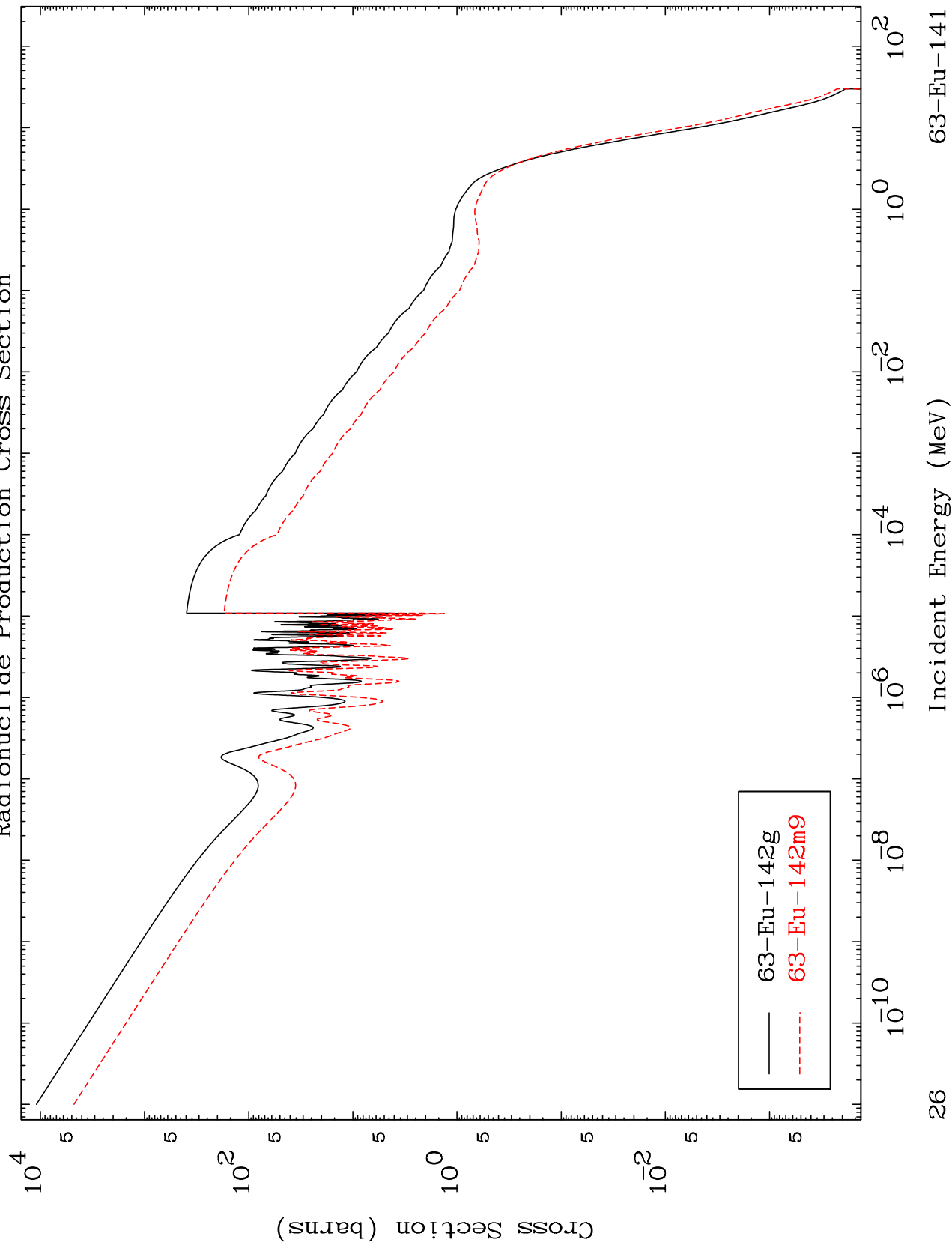
Incident Energy (MeV)

63-Eu-141

MAT 6296

63-Eu-141

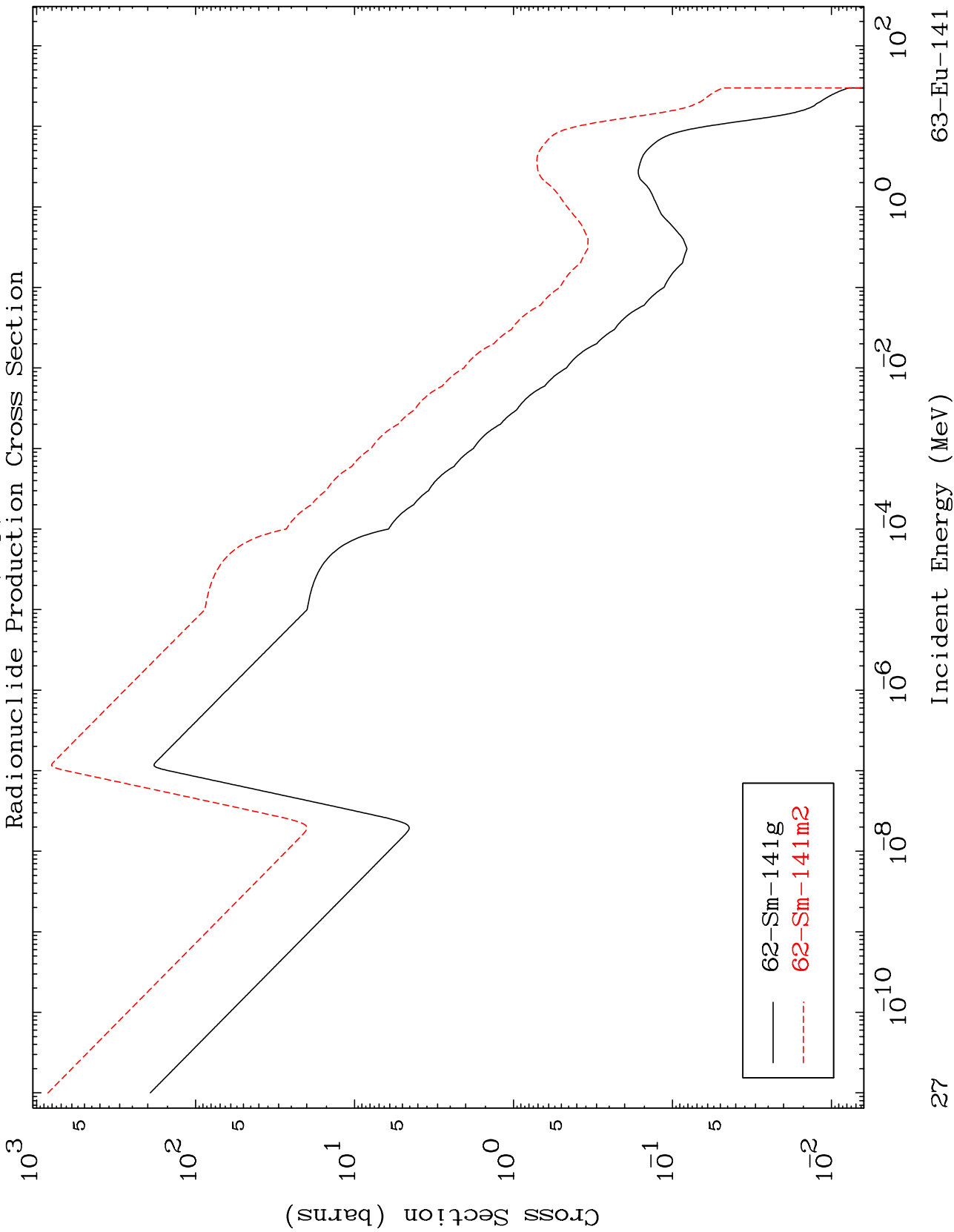
(n, γ)
Radionuclide Production Cross Section



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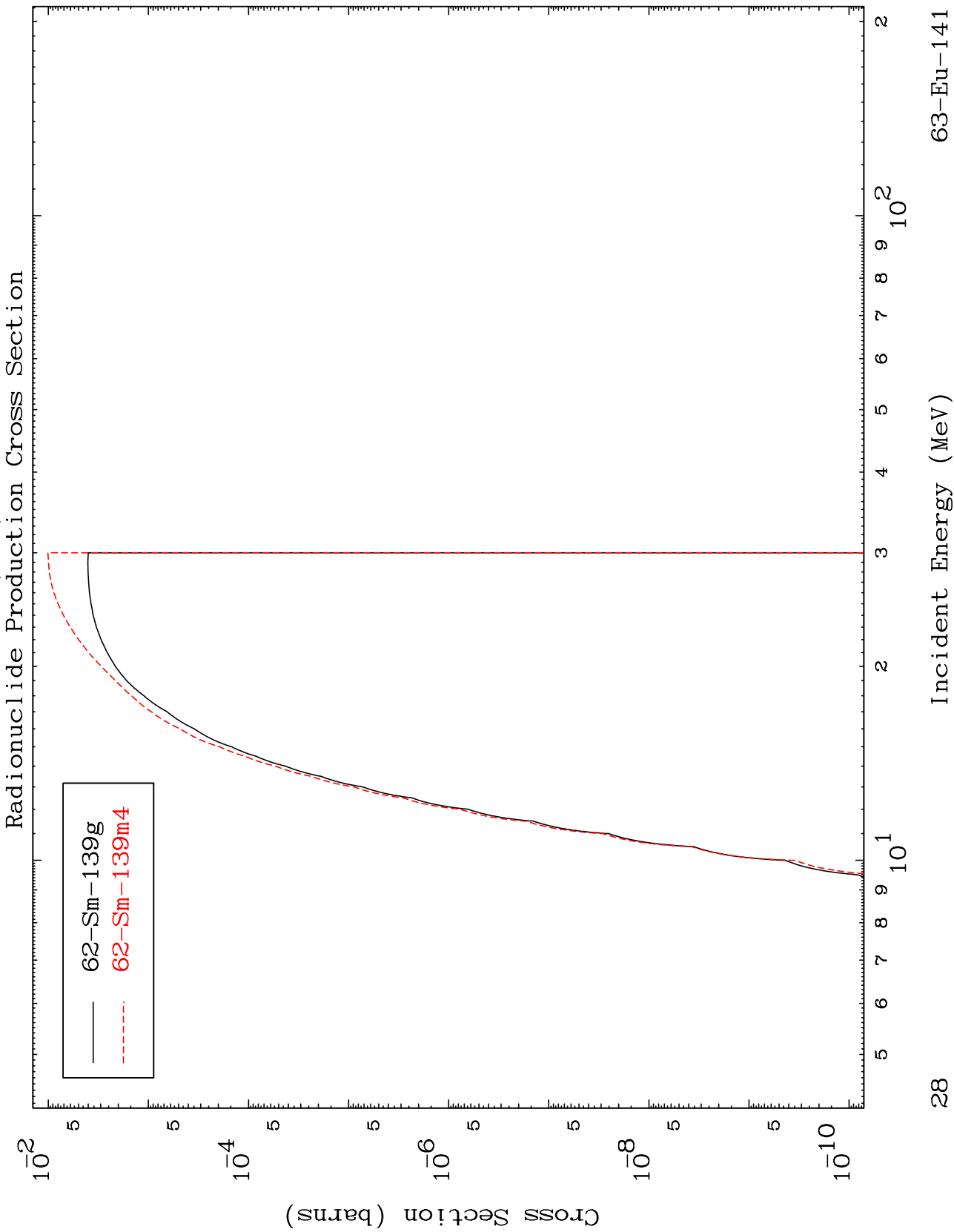
63-Eu-141

(n,p)
Radionuclide Production Cross Section



MAT 6296

63-Eu-141

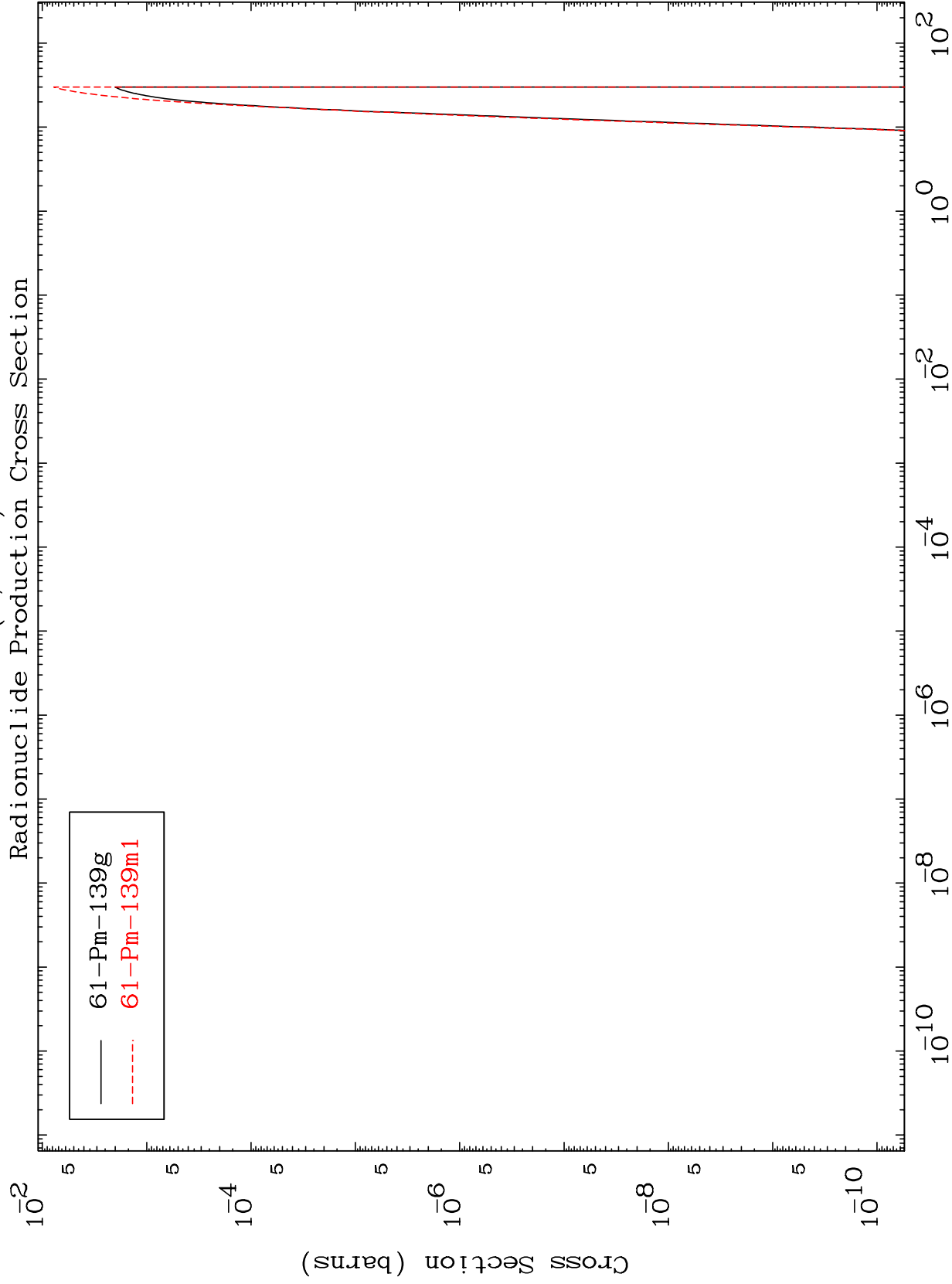


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(n,He-3)

63-Eu-141

Radionuclide Production Cross Section



29

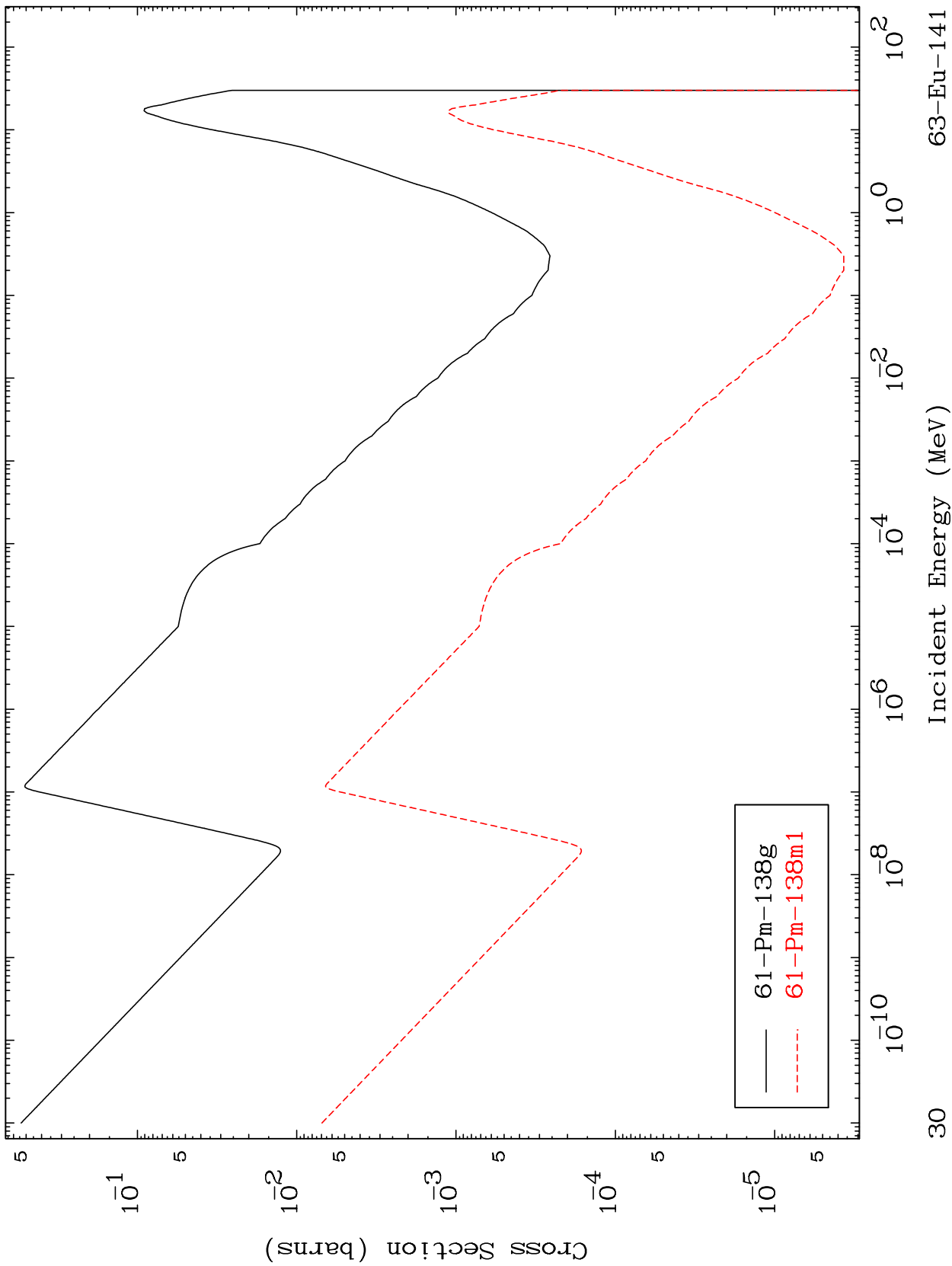
Incident Energy (MeV)

63-Eu-141

MAT 6296

63-Eu-141

Radionuclide Production Cross Section
(n, α)



30

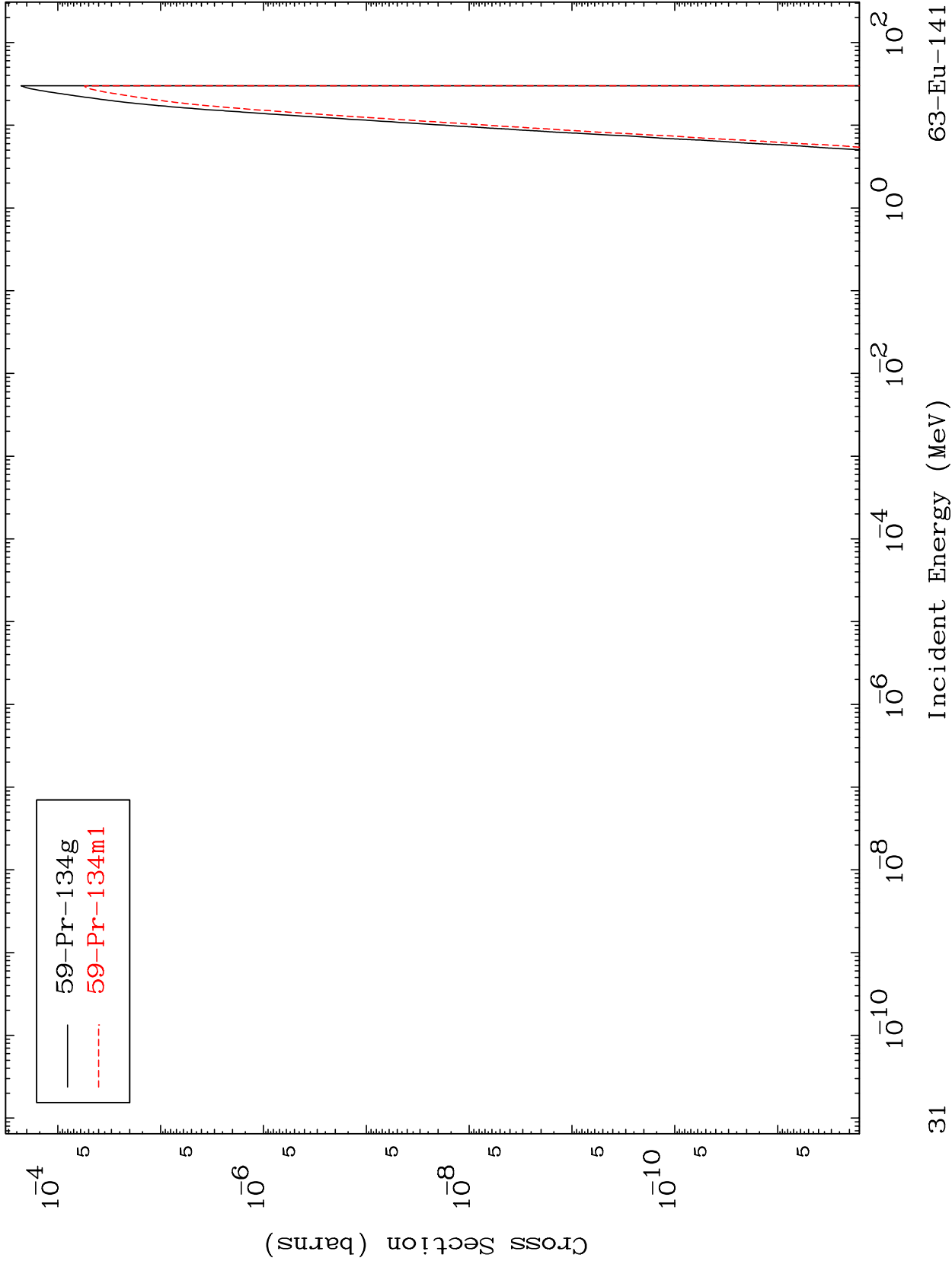
63-Eu-141

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(n,2α)

63-Eu-141

Radionuclide Production Cross Section

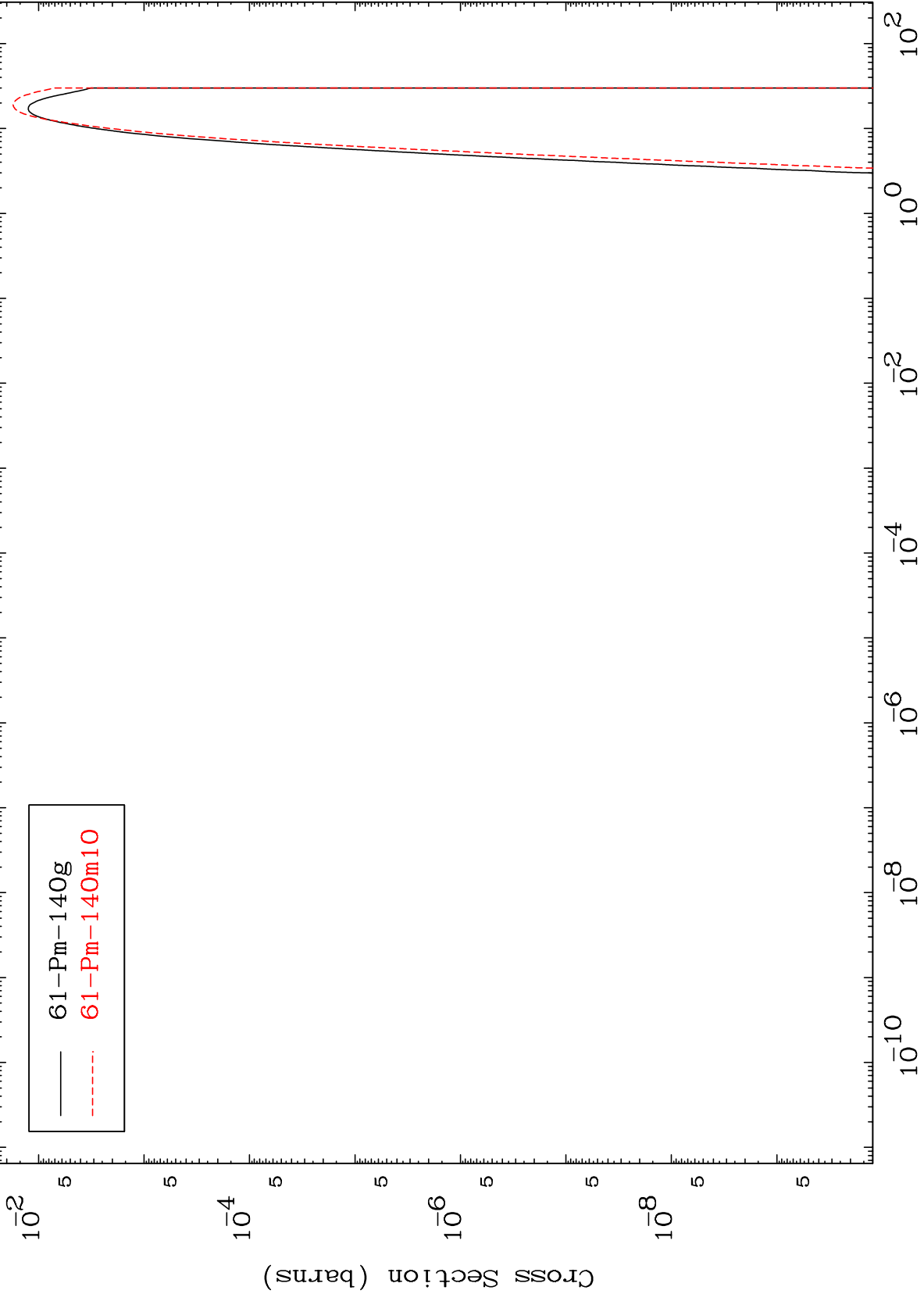


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(n,2p)

63-Eu-141

Radionuclide Production Cross Section



32

Incident Energy (MeV)

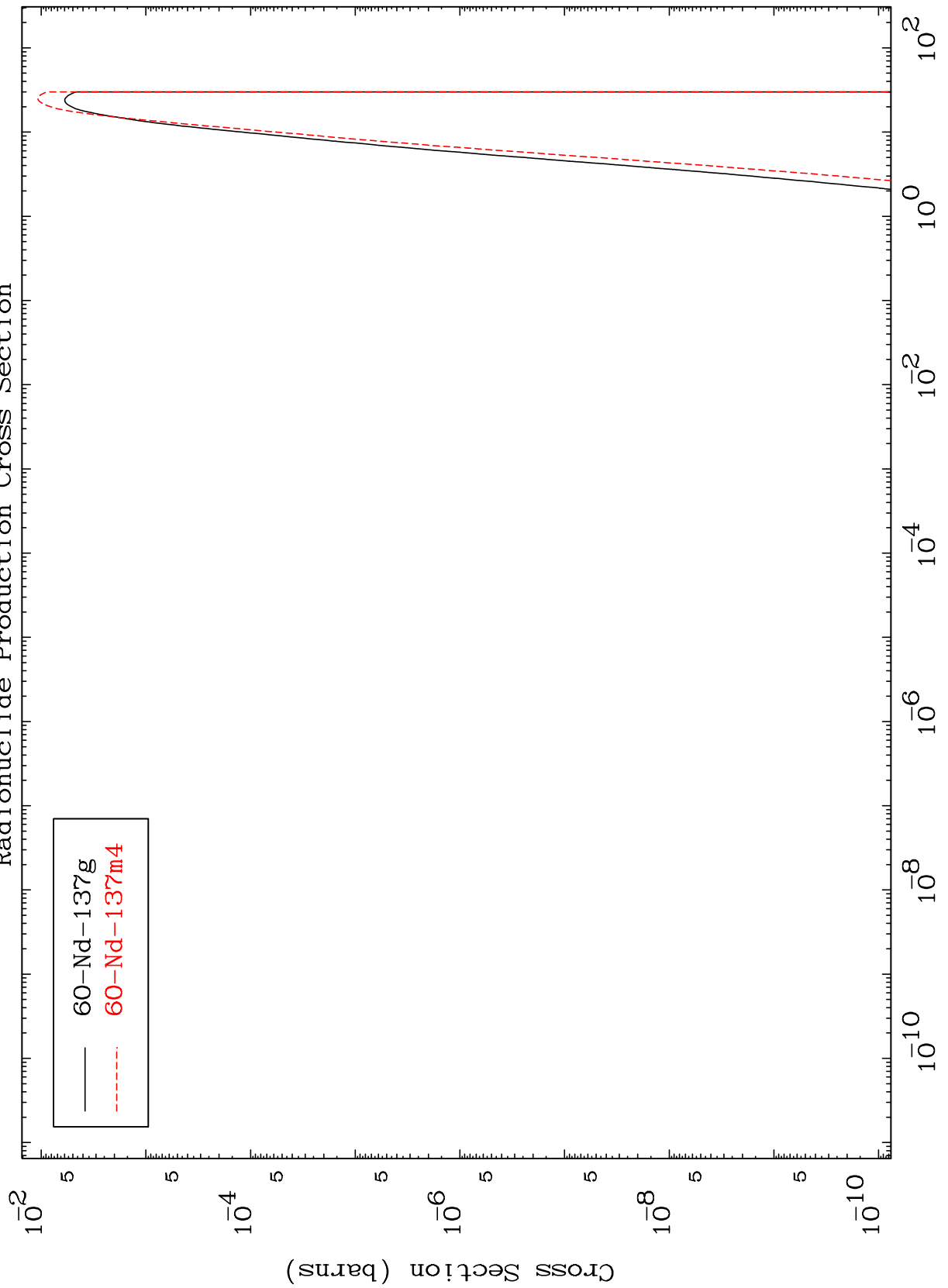
63-Eu-141

MAT 6296

(n,p) α

63-Eu-141

Radionuclide Production Cross Section



33

Incident Energy (MeV)

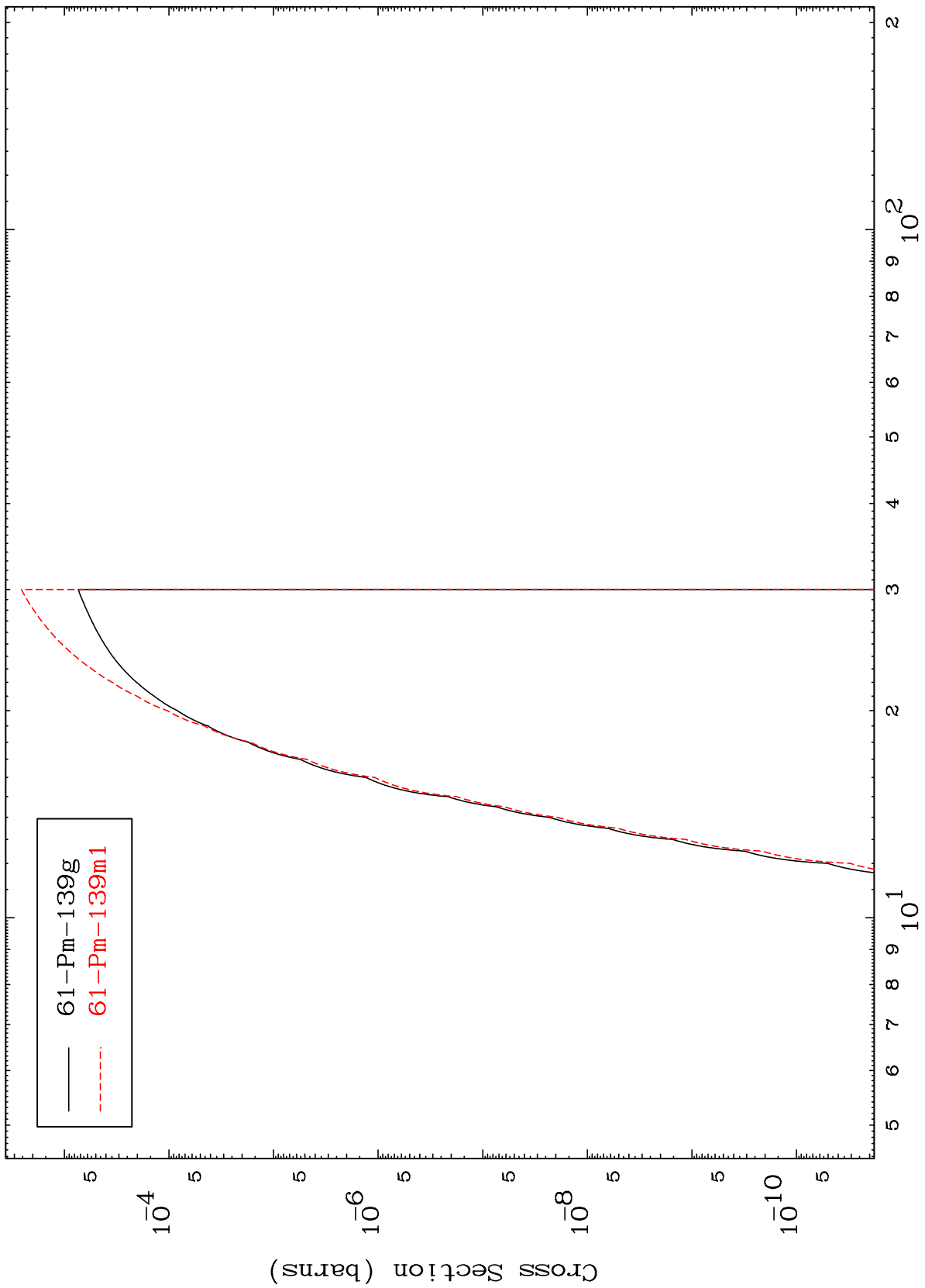
63-Eu-141

MAT 6296

(n,p) d

63-Eu-141

Radionuclide Production Cross Section



34

Incident Energy (MeV)

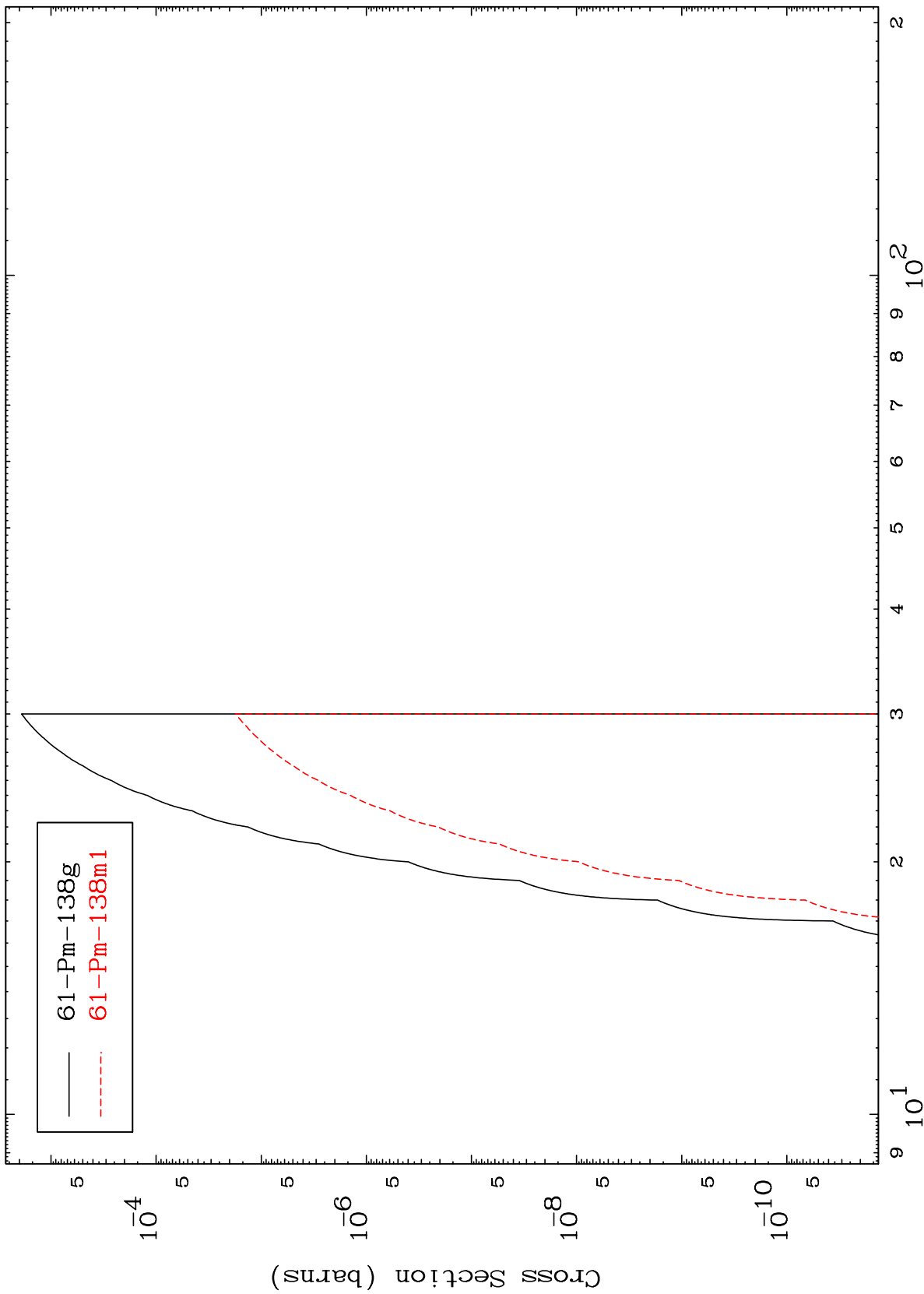
63-Eu-141

MAT 6296

(n,p) t

63-Eu-141

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

35

Incident Energy (MeV)

63-Eu-141