

Program EVALPLOT
(Version 2015-2)

by

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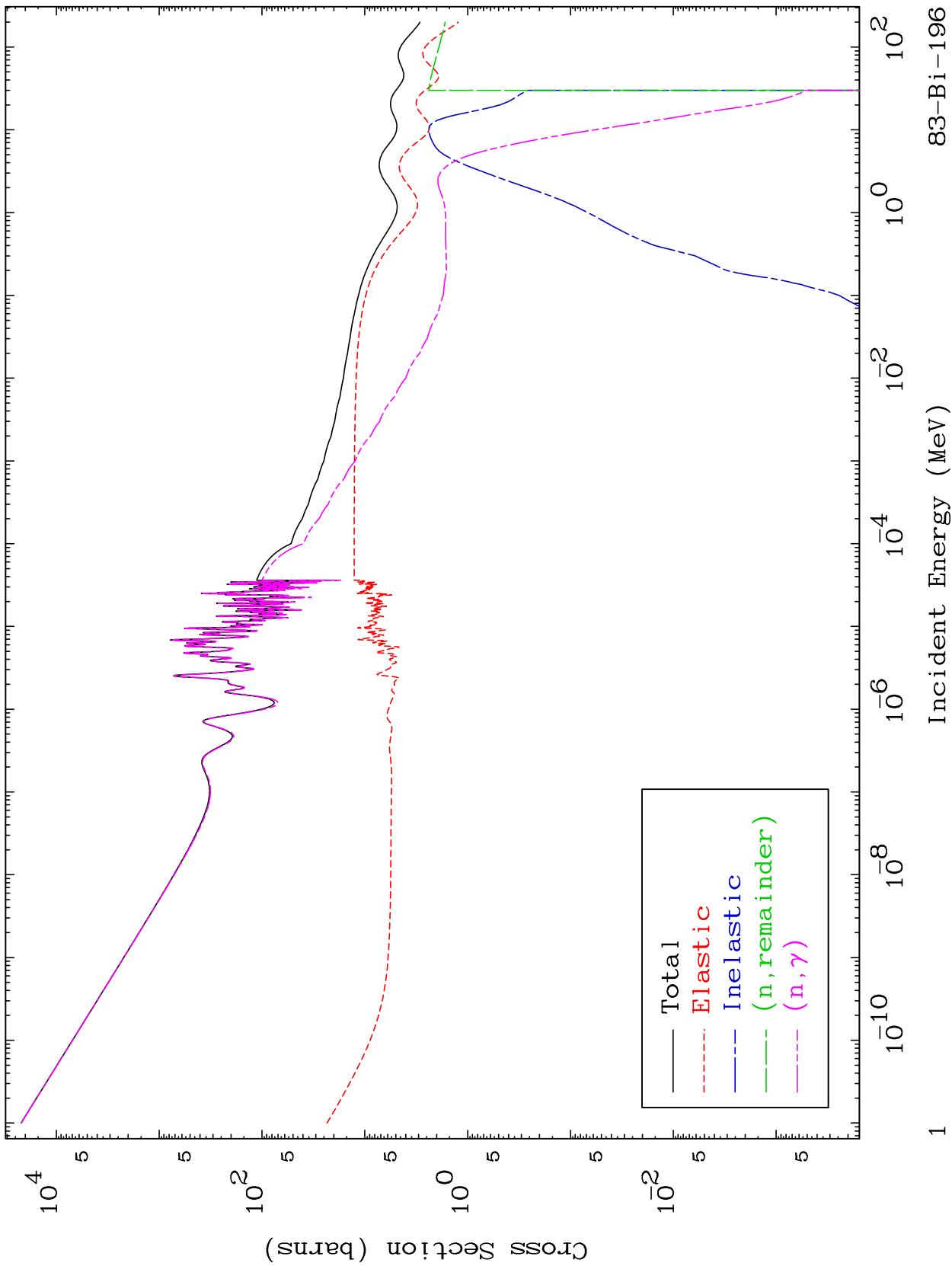
Press Mouse Button to Start

MAT 8287

Major

293 Kelvin Cross Sections

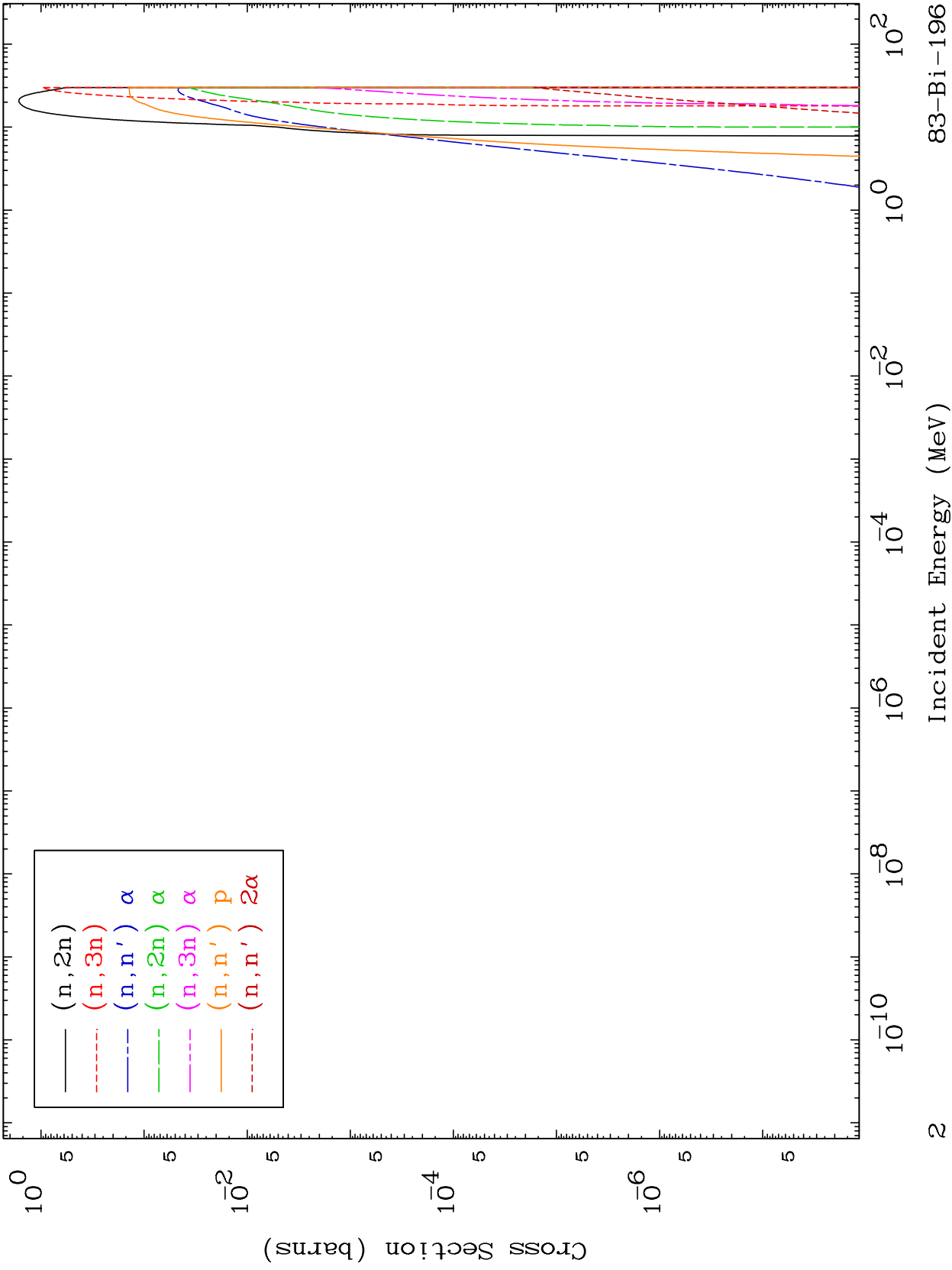
83-Bi-196



MAT 8287

Neutron Production
293 Kelvin Cross Sections

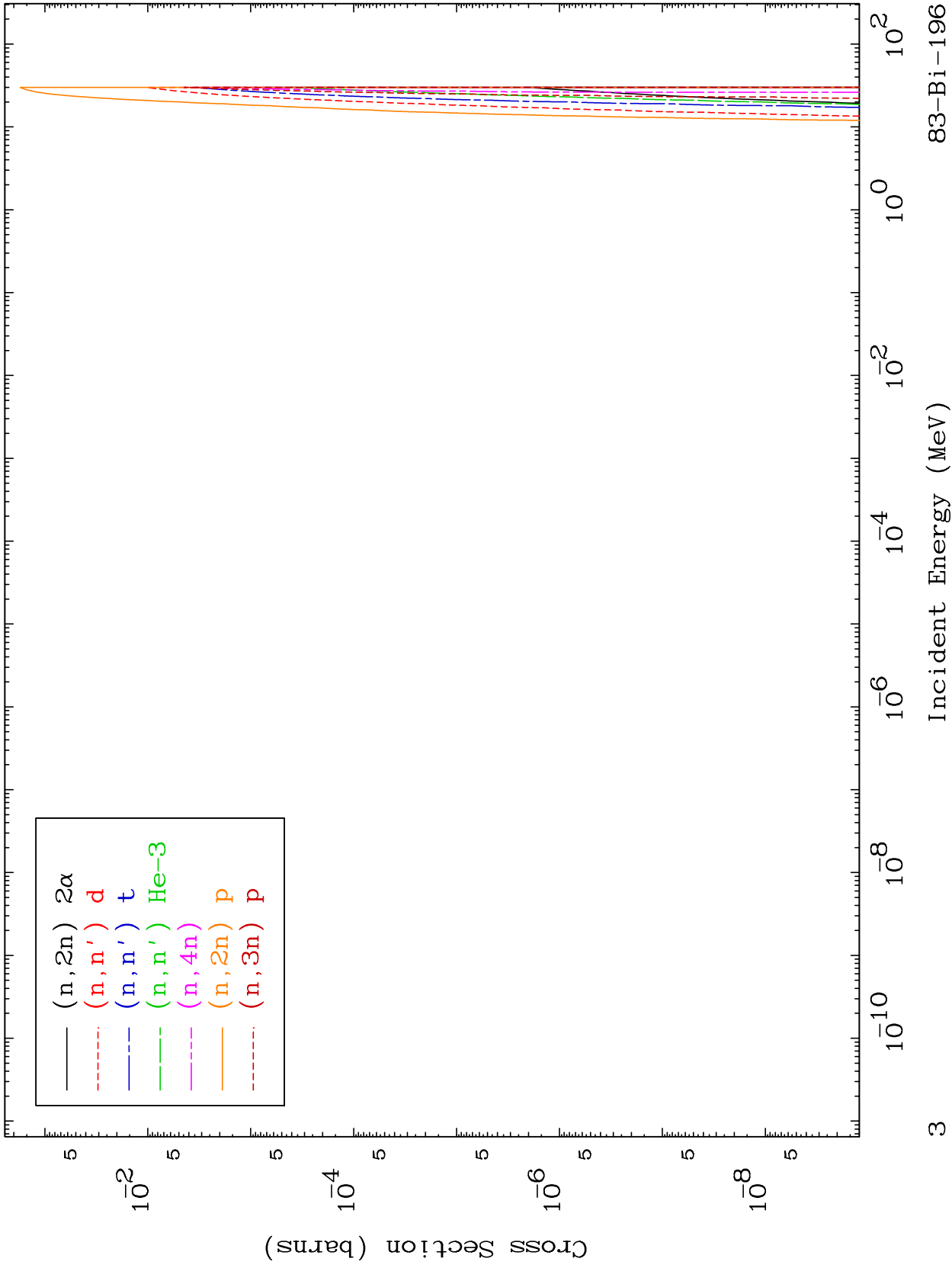
83-Bi-196



MAT 8287

Neutron Production
293 Kelvin Cross Sections

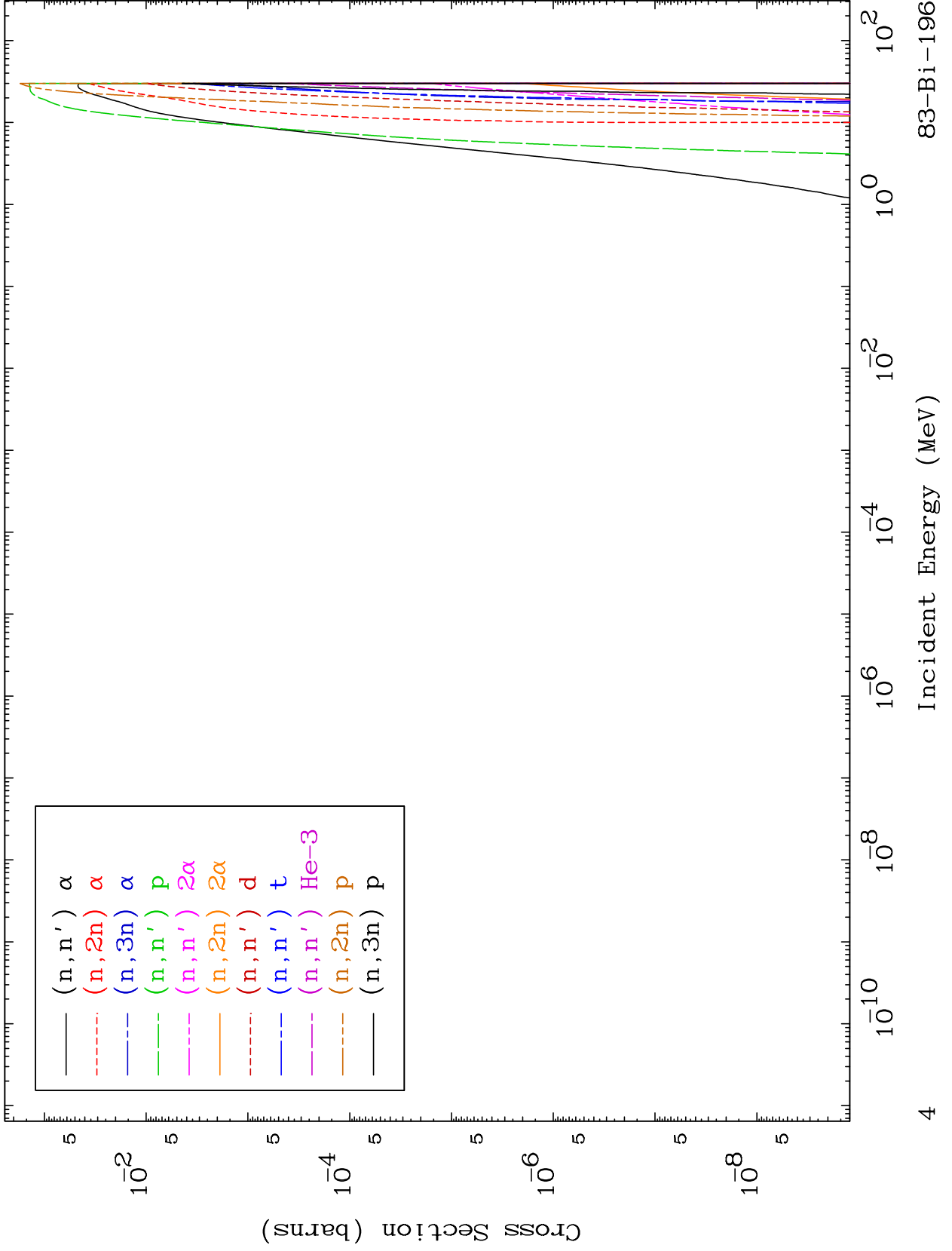
83-Bi-196

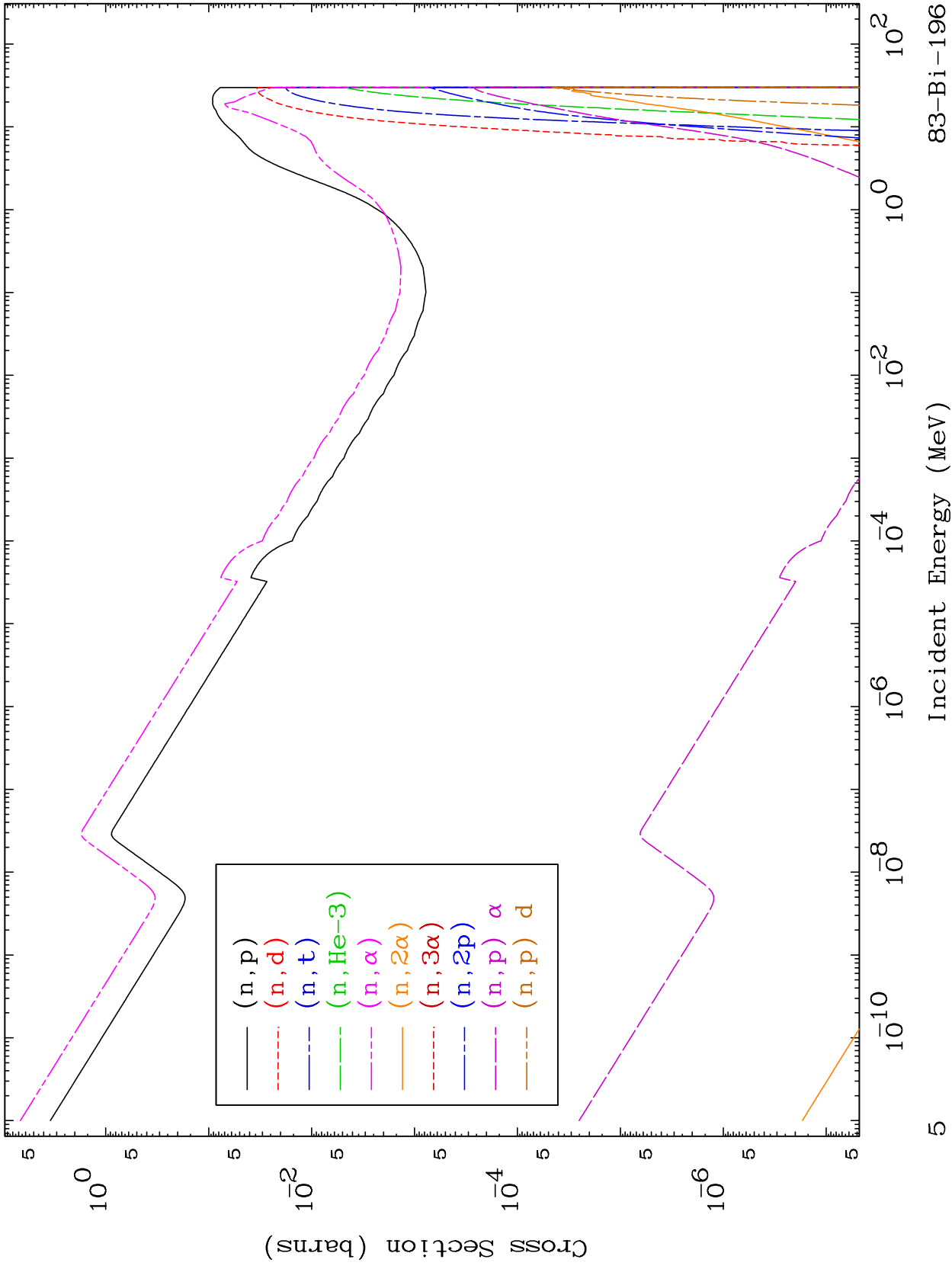


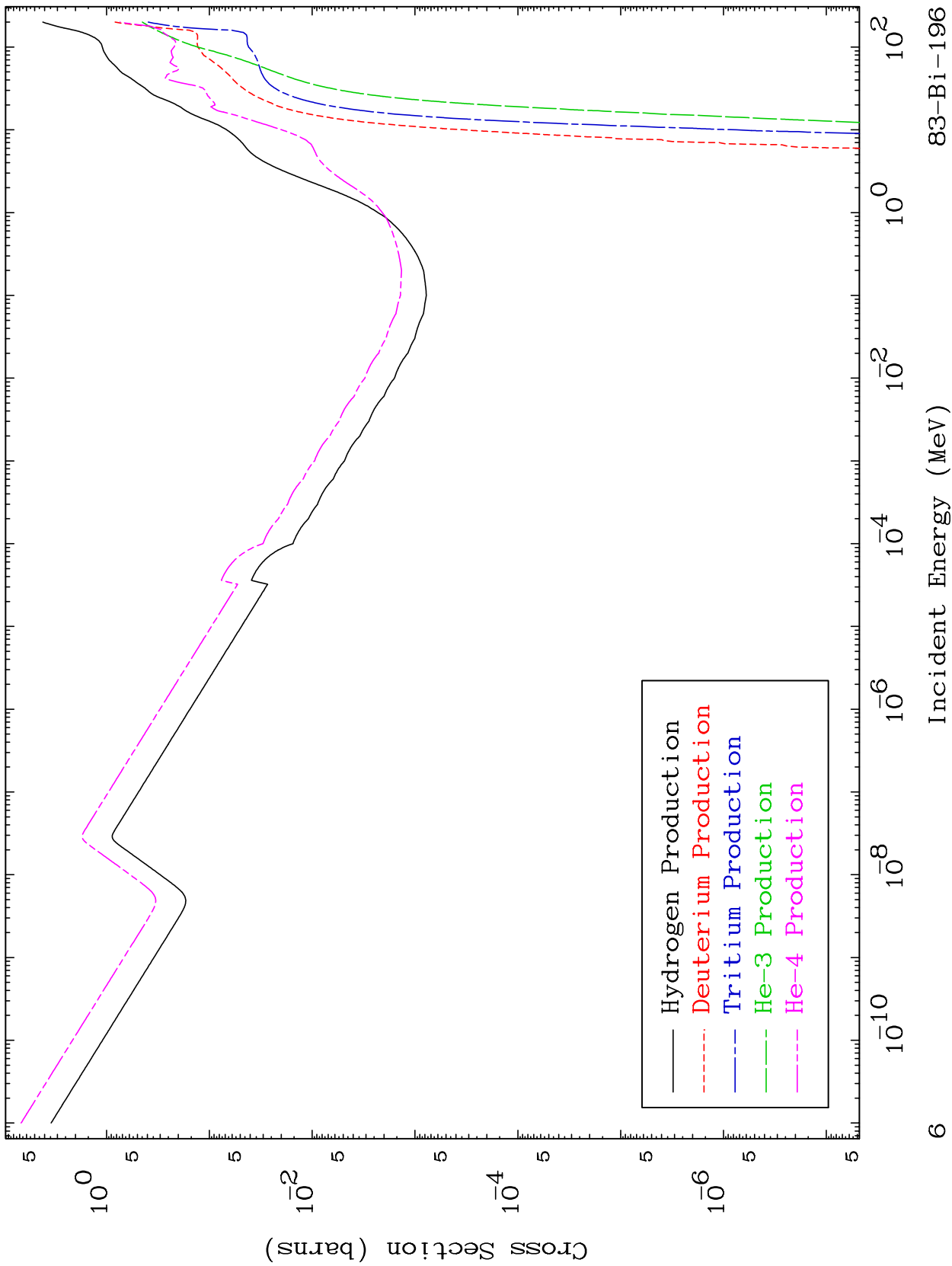
MAT 8287

Charged Particle
293 Kelvin Cross Sections

83-Bi-196



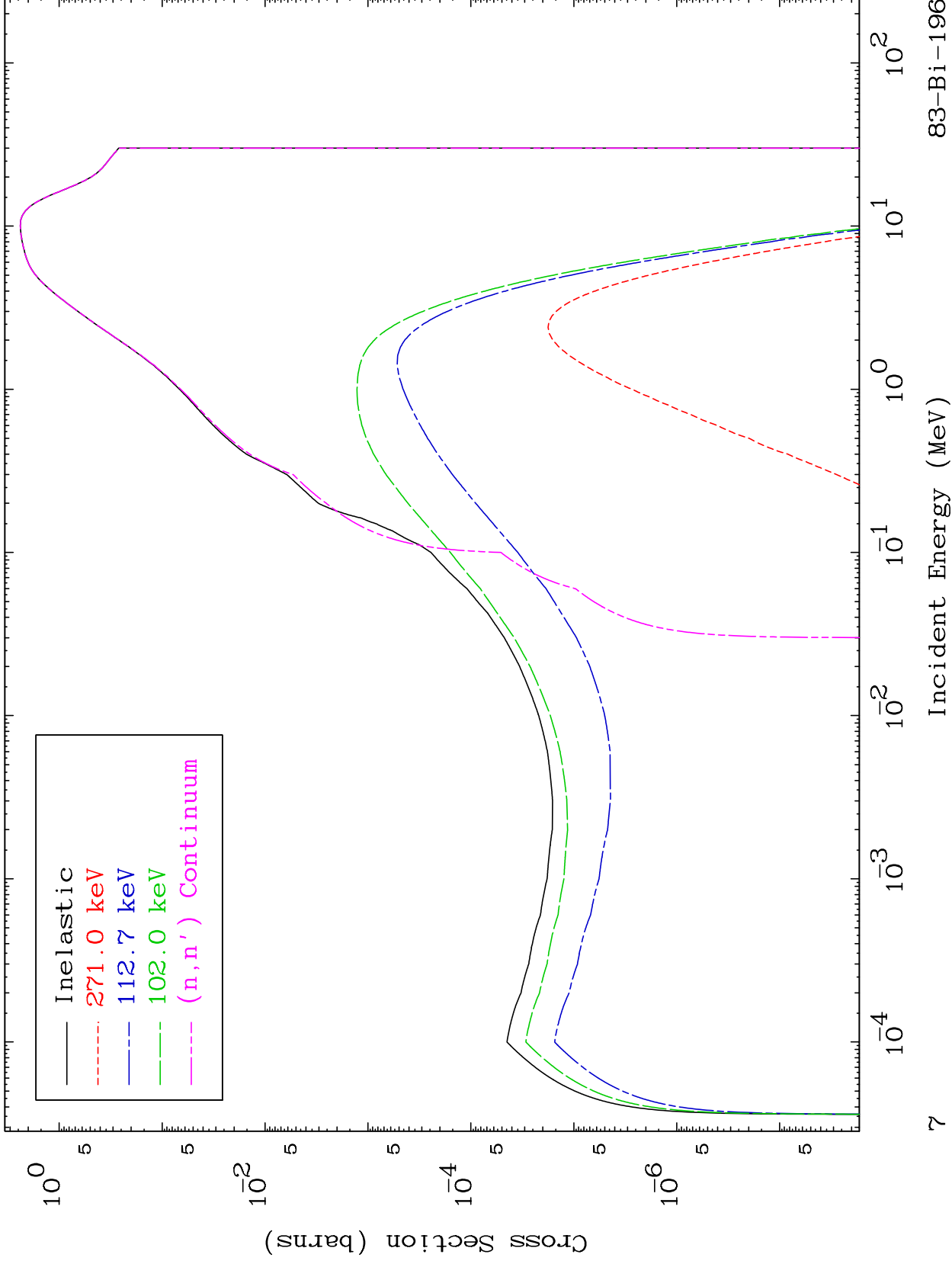




MAT 8287

(n,n') Level
293 Kelvin Cross Sections

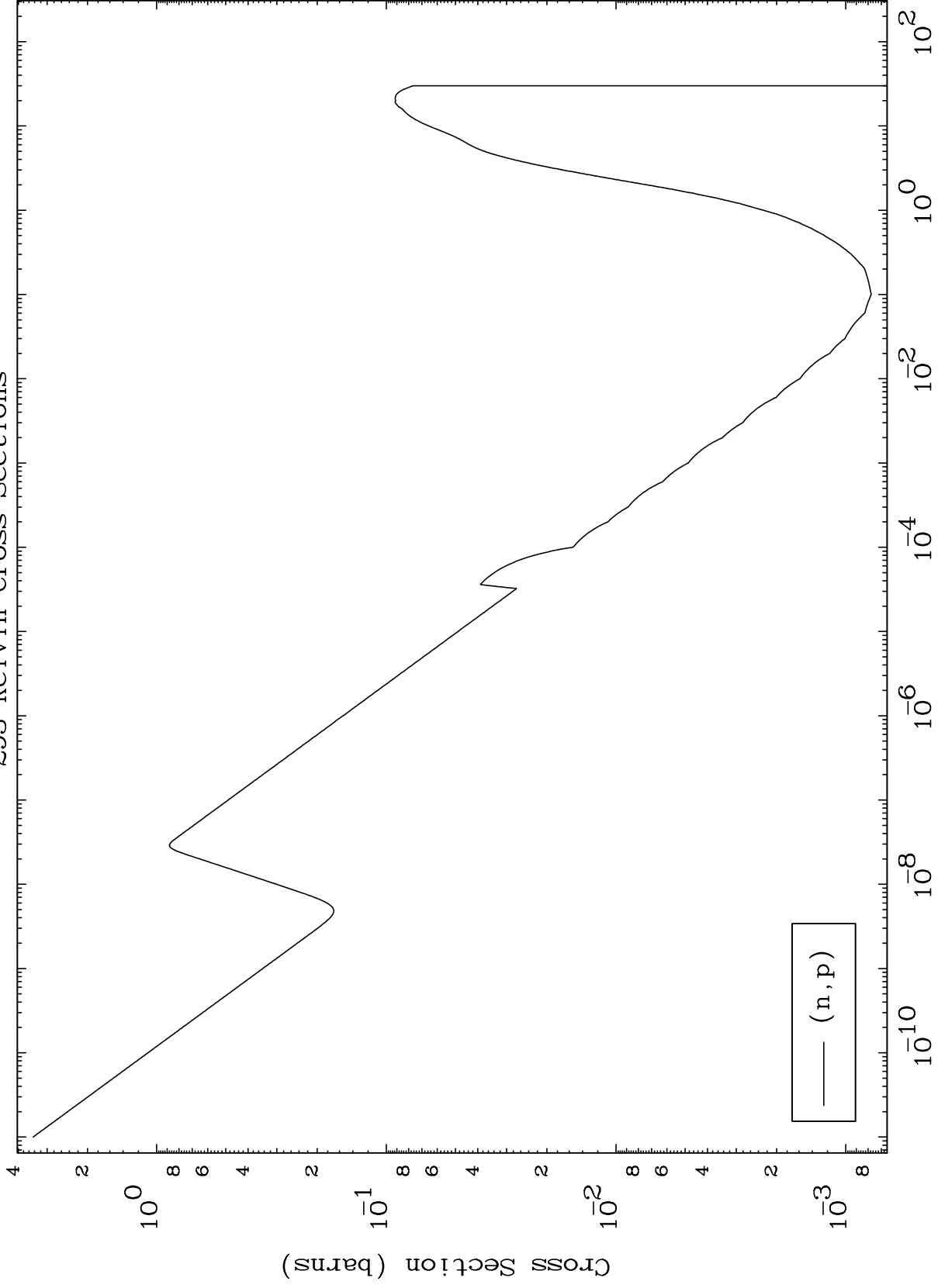
83-Bi-196



MAT 8287

(n,p) Levels
293 Kelvin Cross Sections

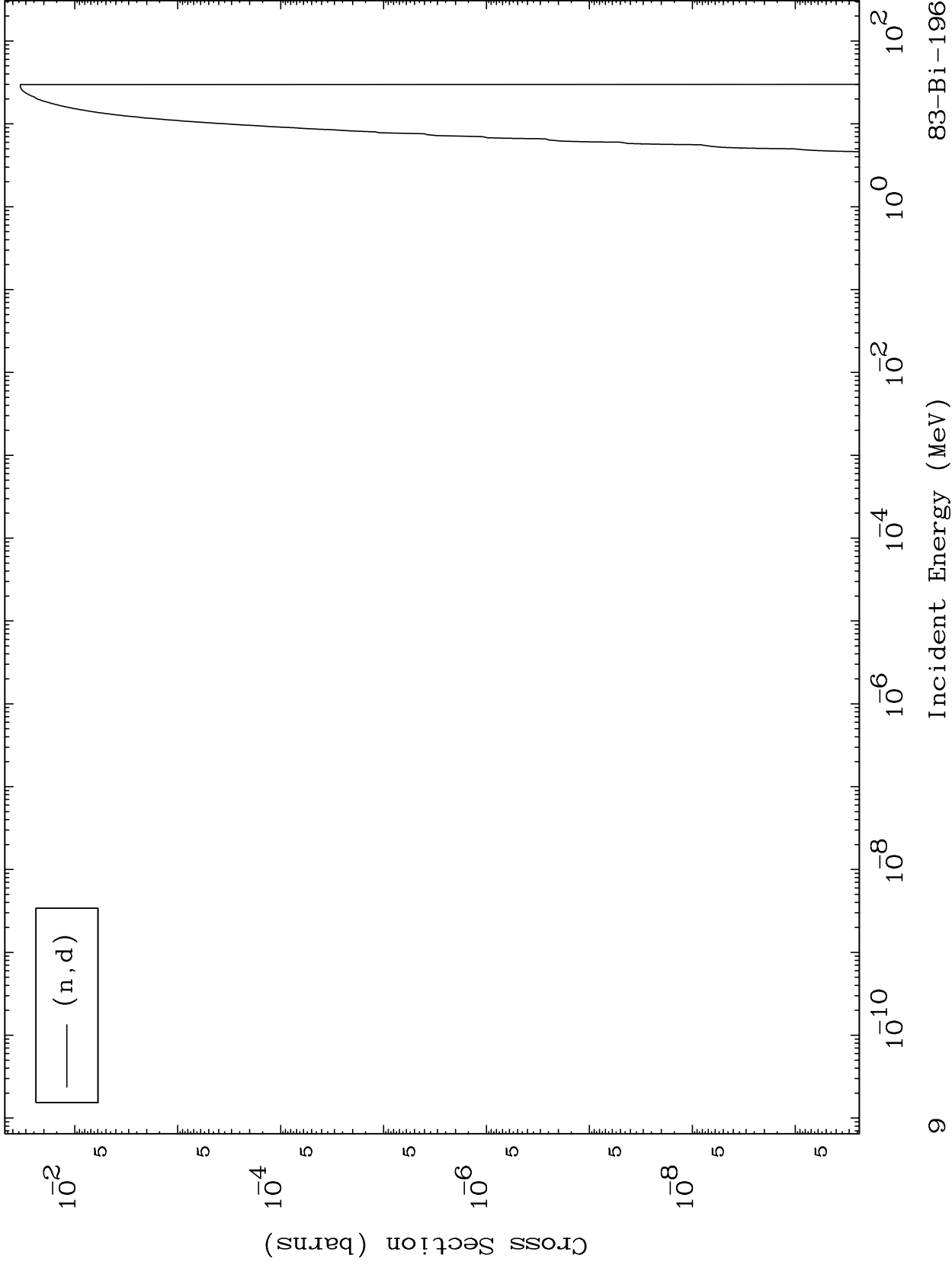
83-Bi-196



MAT 8287

(n,d) Levels
293 Kelvin Cross Sections

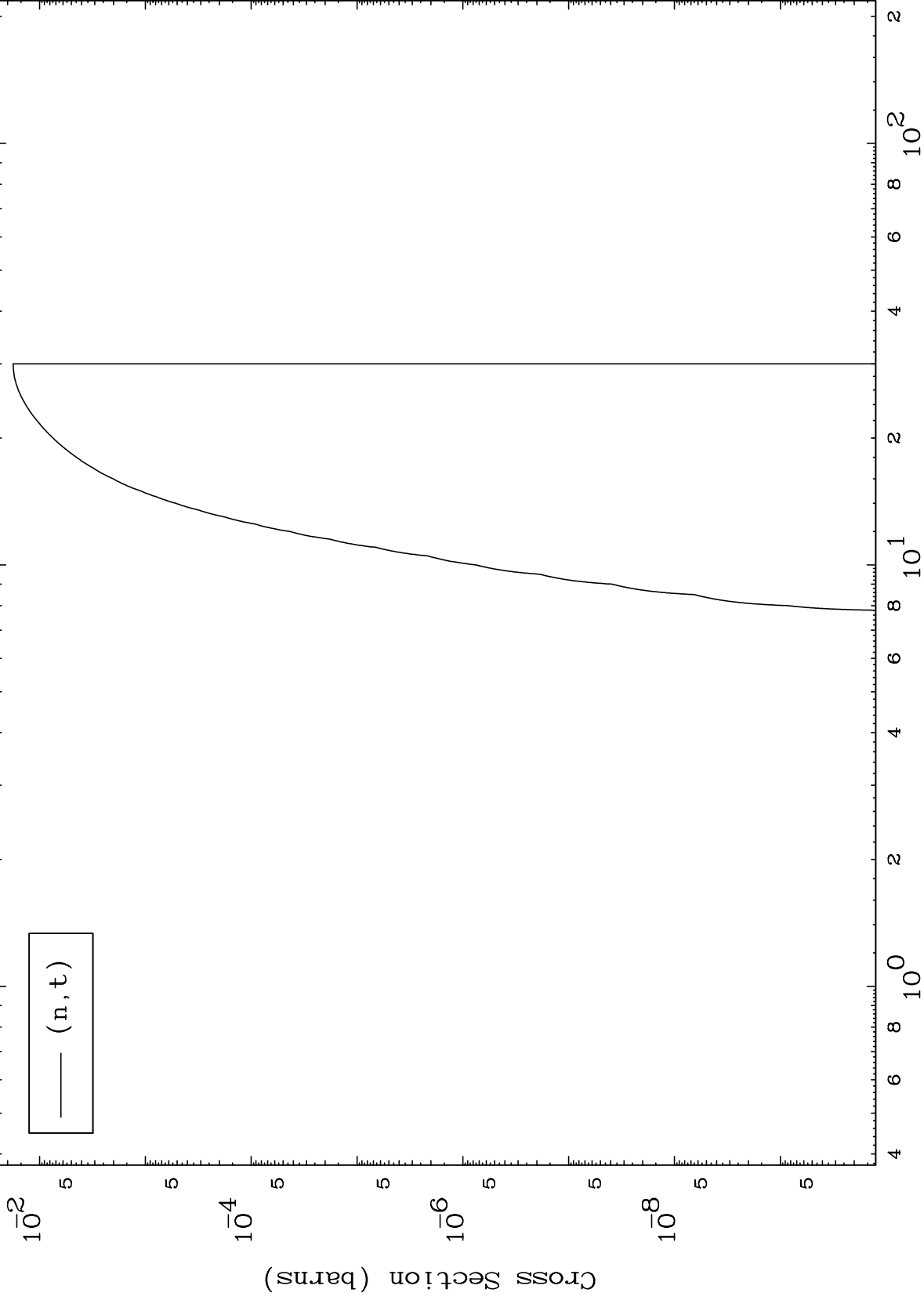
83-Bi-196



MAT 8287

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-196



10

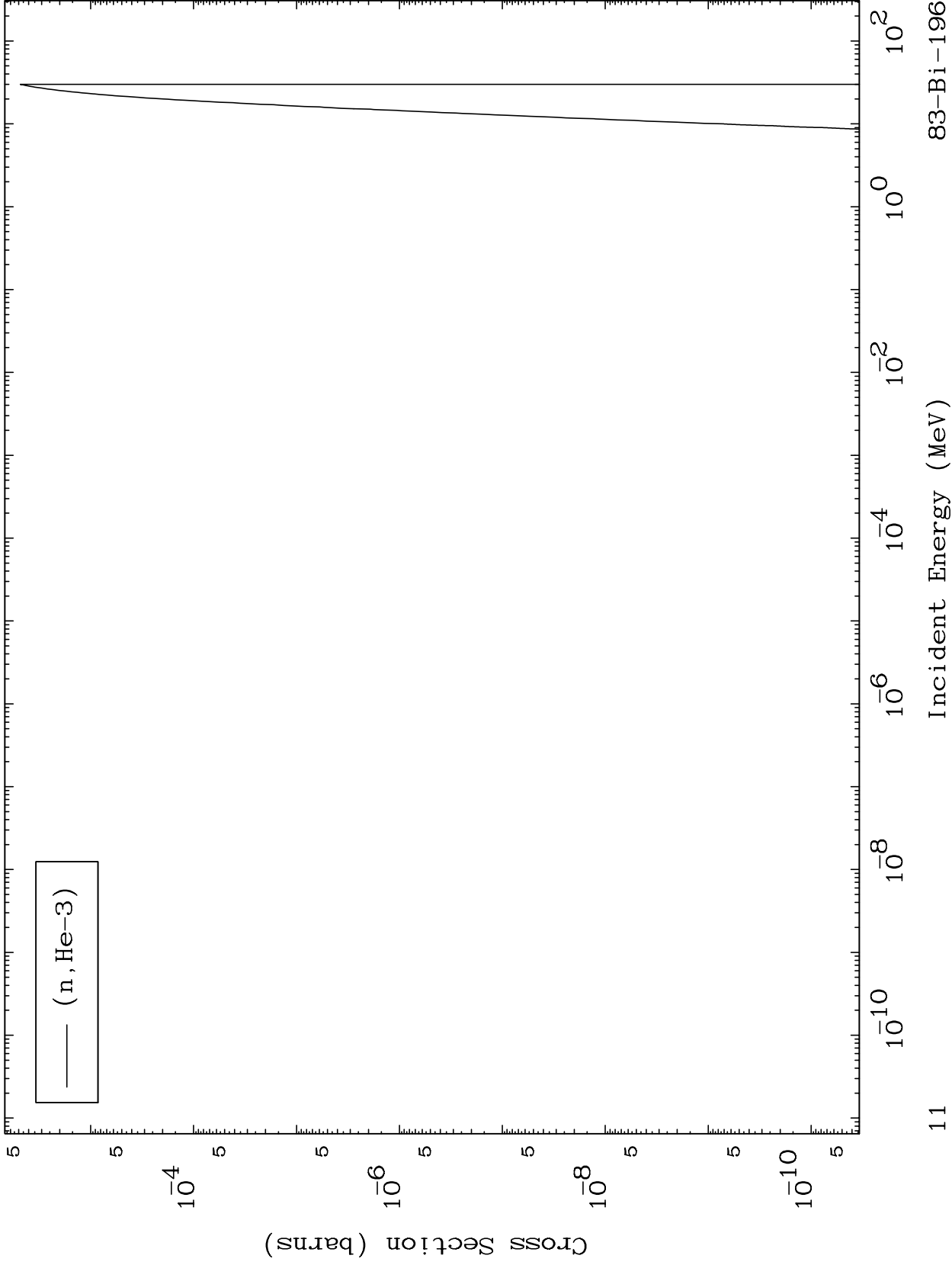
Incident Energy (MeV)

83-Bi-196

MAT 8287

(n,He3) Levels
293 Kelvin Cross Sections

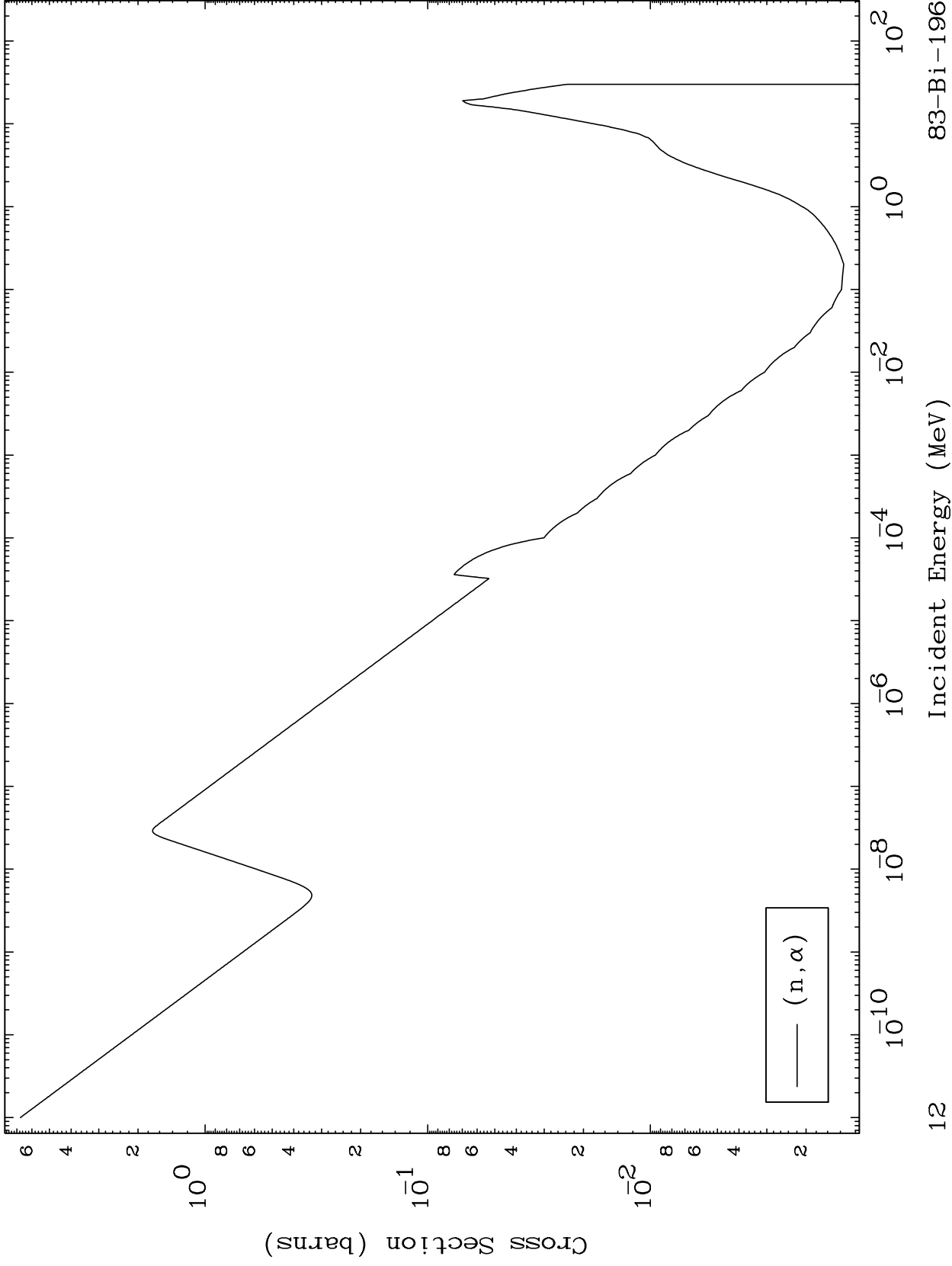
83-Bi-196

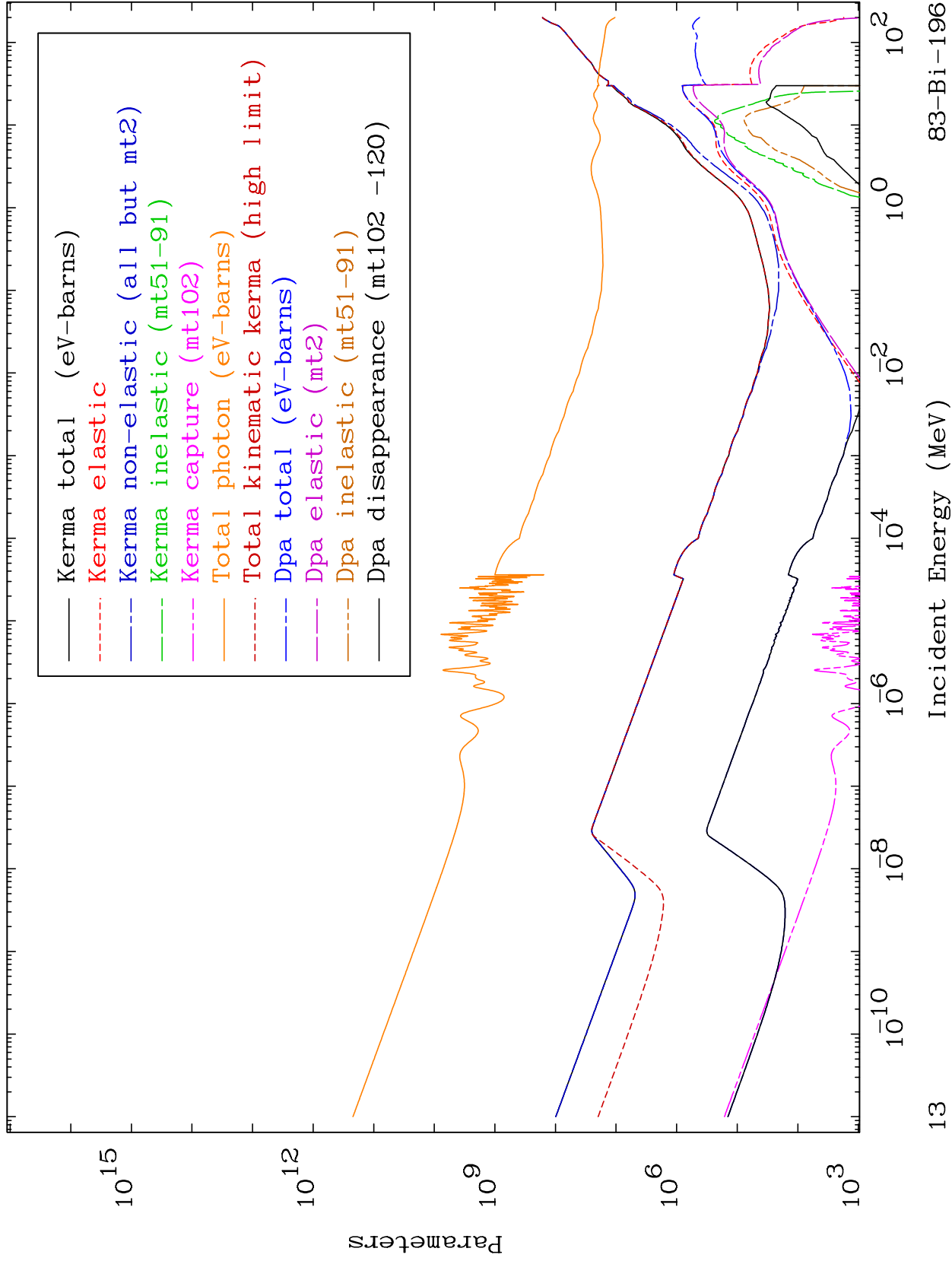


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(n, α) Levels
293 Kelvin Cross Sections

83-Bi-196

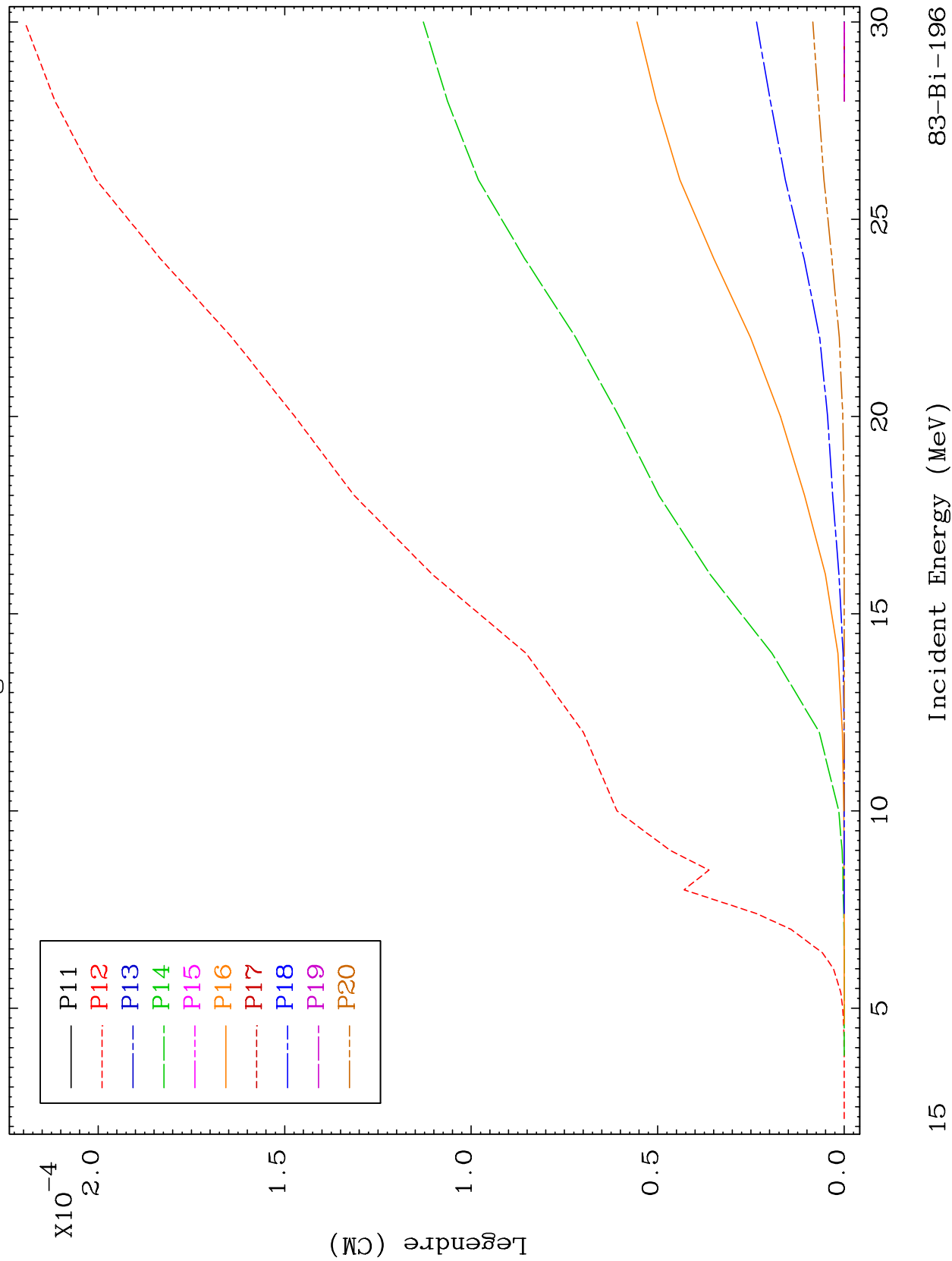




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Elastic Legendre Coefficients

83-Bi-196

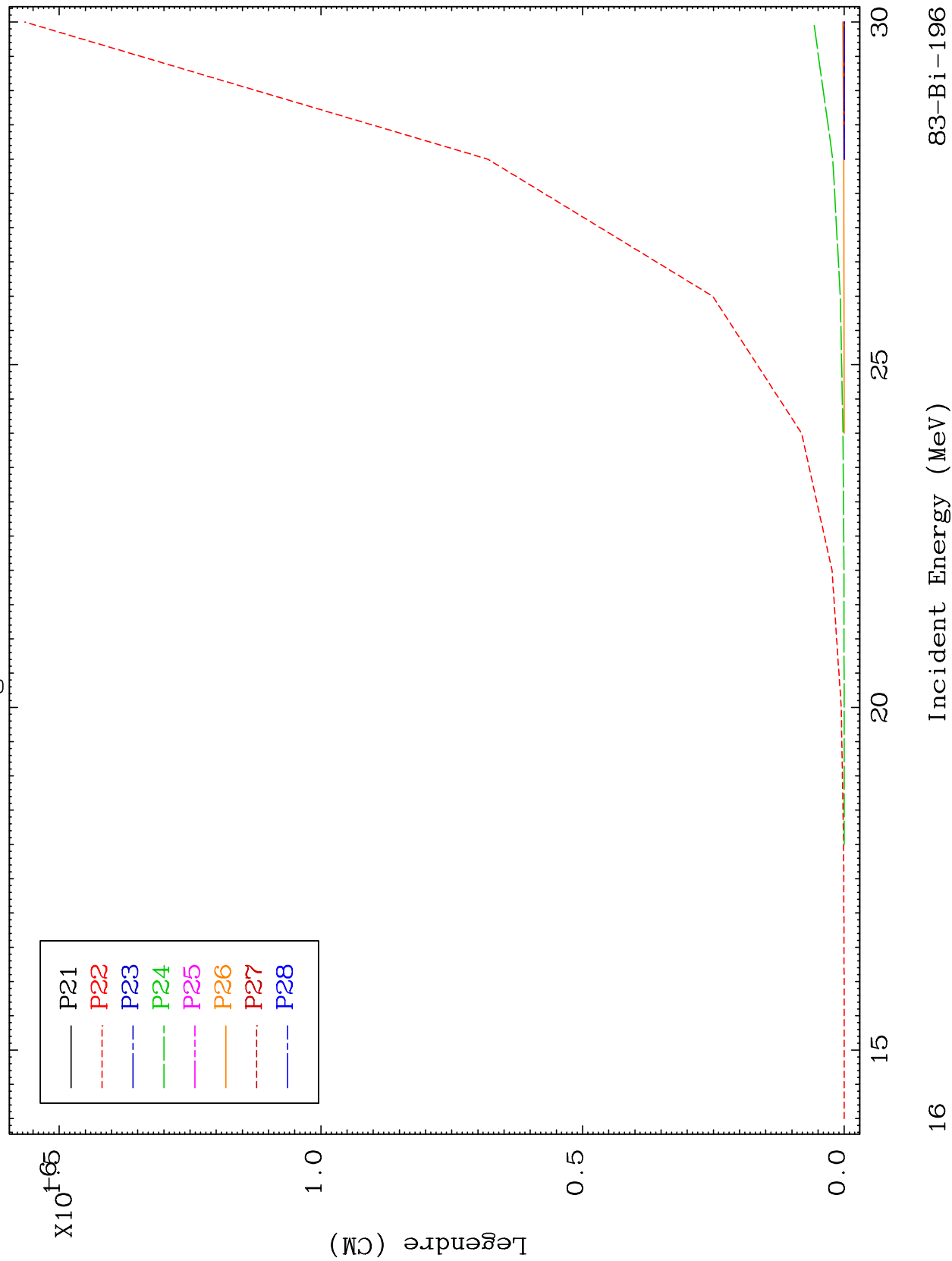


- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

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Elastic
Legendre Coefficients

83-Bi-196



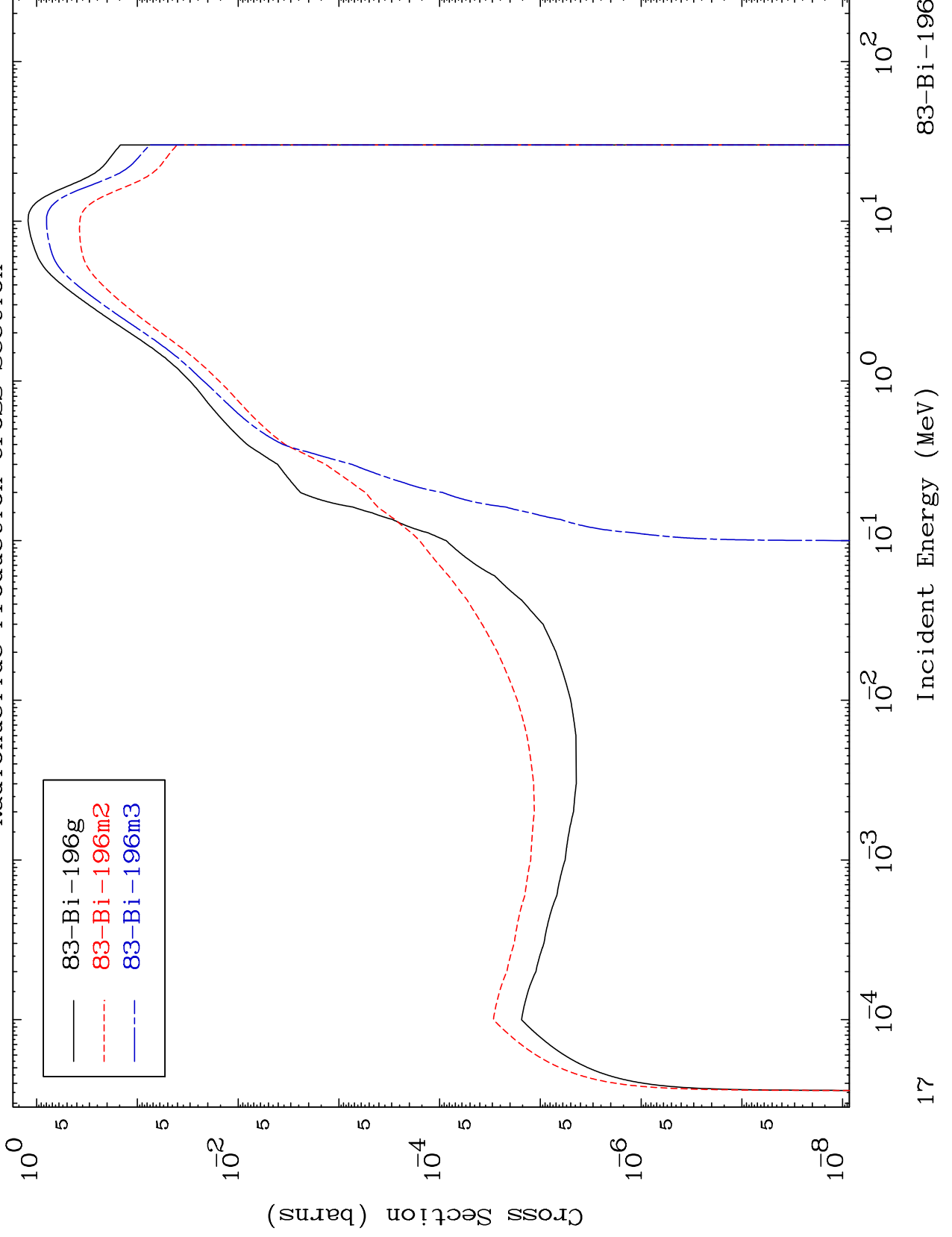
16

83-Bi-196

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Inelastic
Radionuclide Production Cross Section

83-Bi-196

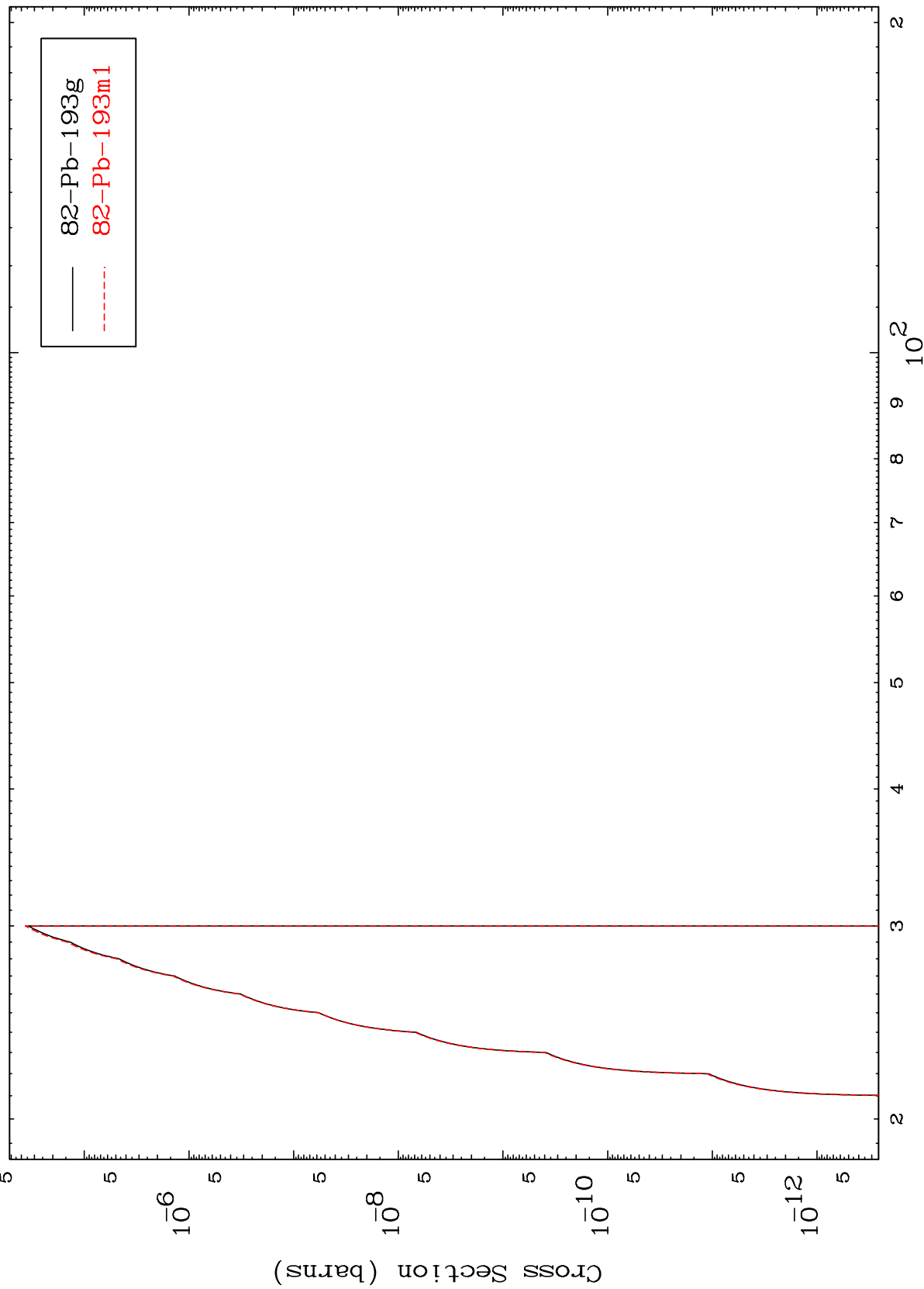


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(n,2n) d

83-Bi-196

Radionuclide Production Cross Section



18

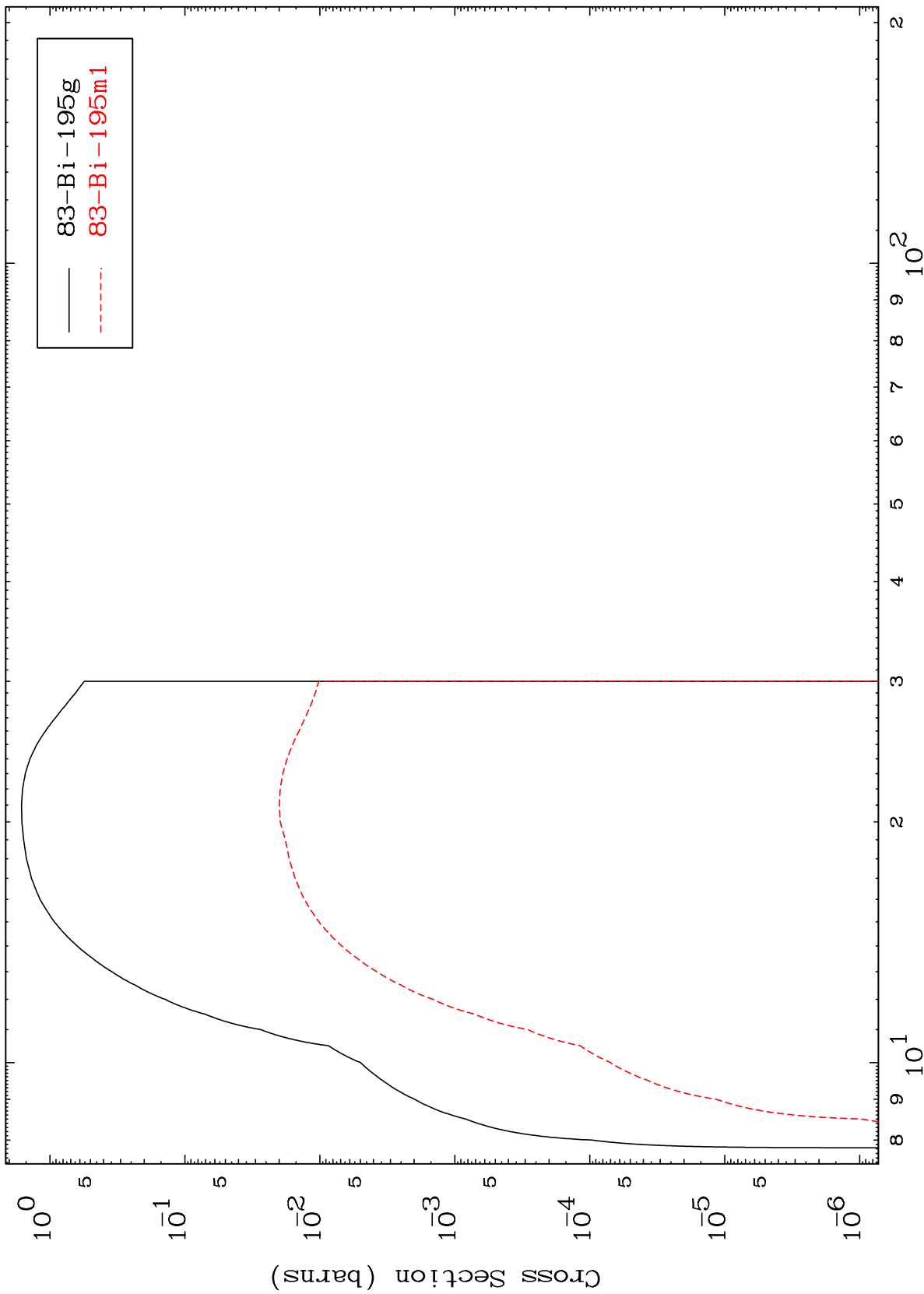
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

(n,2n)
Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

83-Bi-196

Incident Energy (MeV)

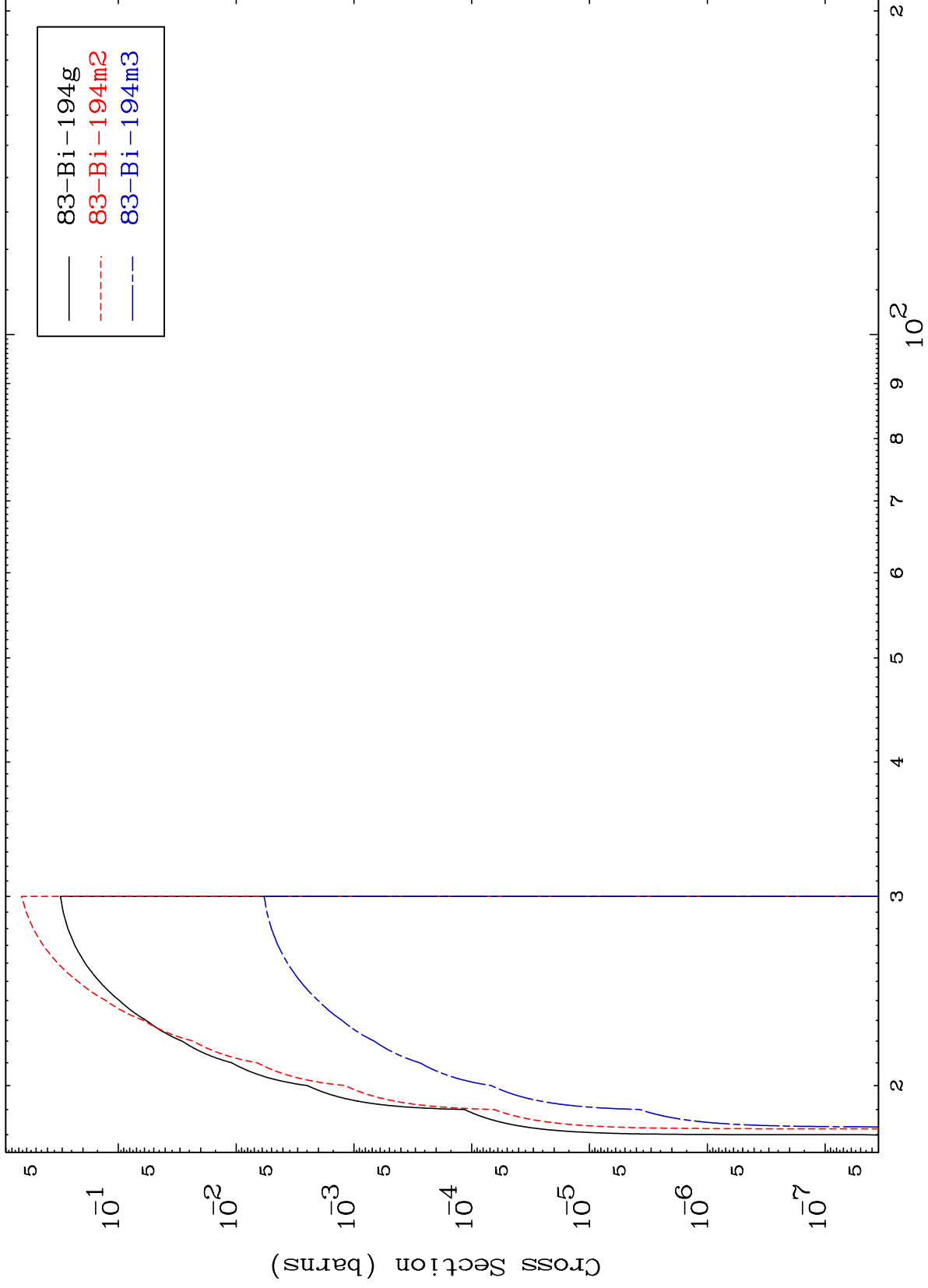
19

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(n,3n)

83-Bi-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

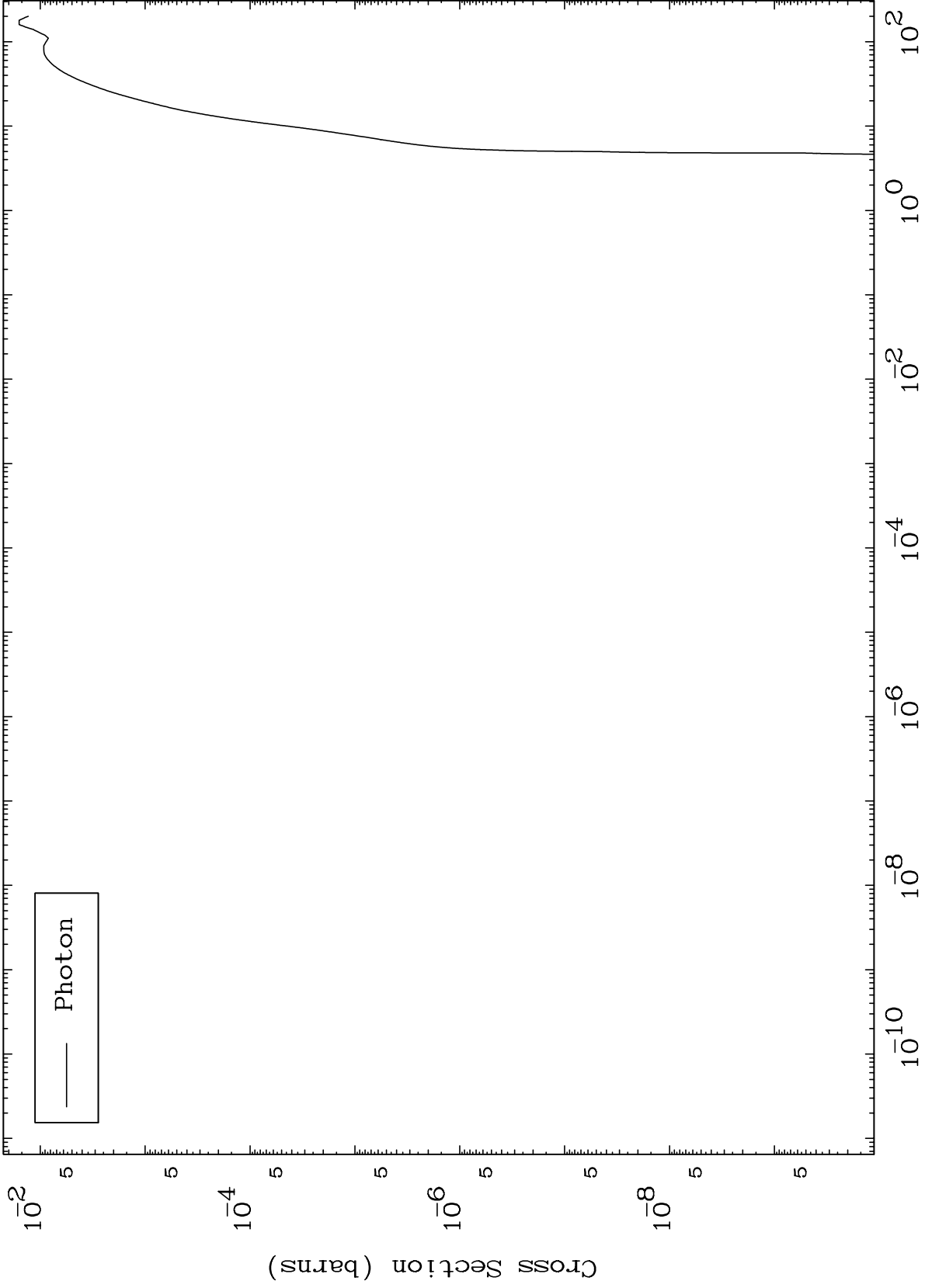
83-Bi-196

MAT 8287

Fission

83-Bi-196

Radionuclide Production Cross Section

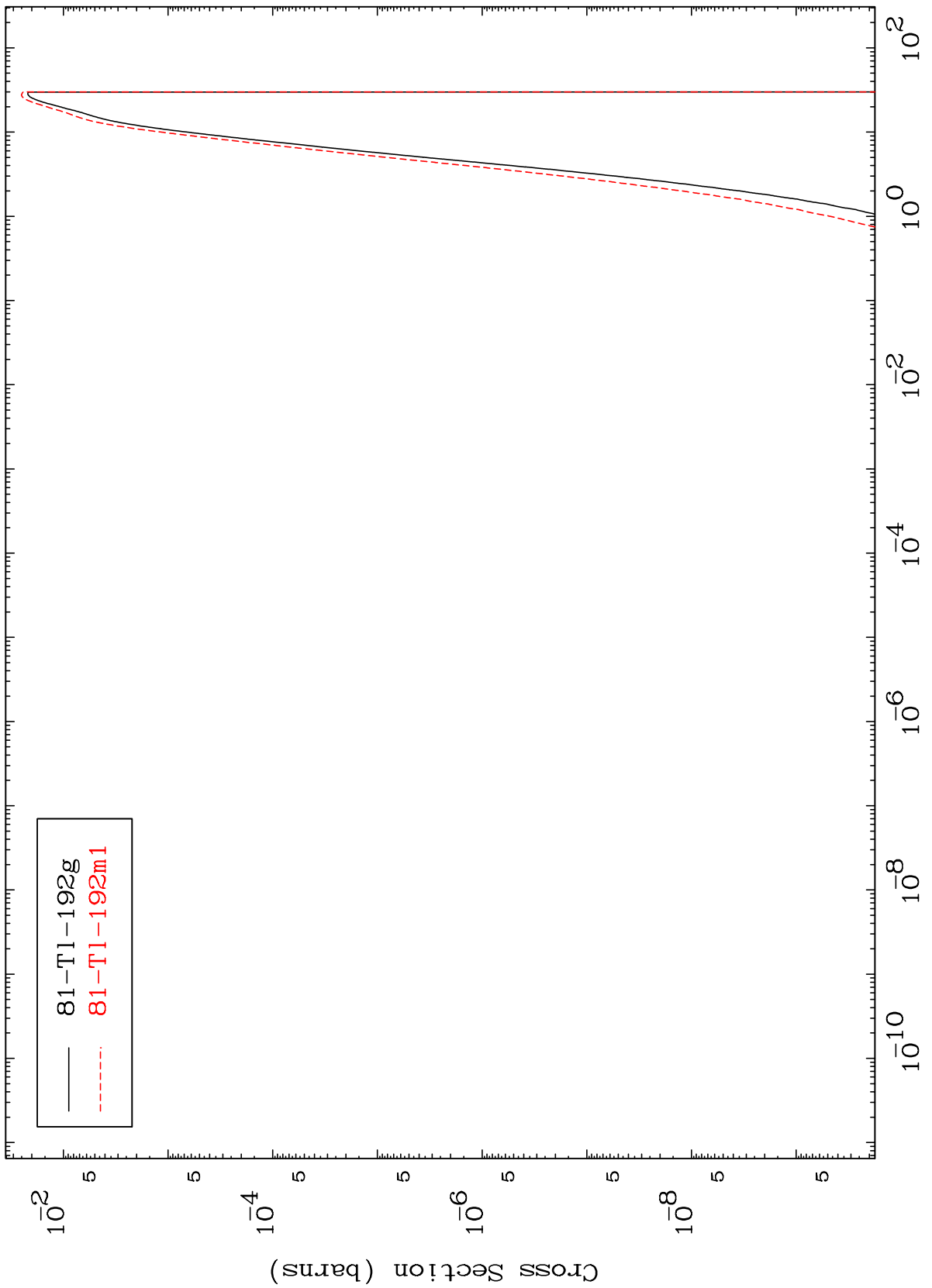


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$(n, n') \alpha$

83-Bi-196

Radionuclide Production Cross Section

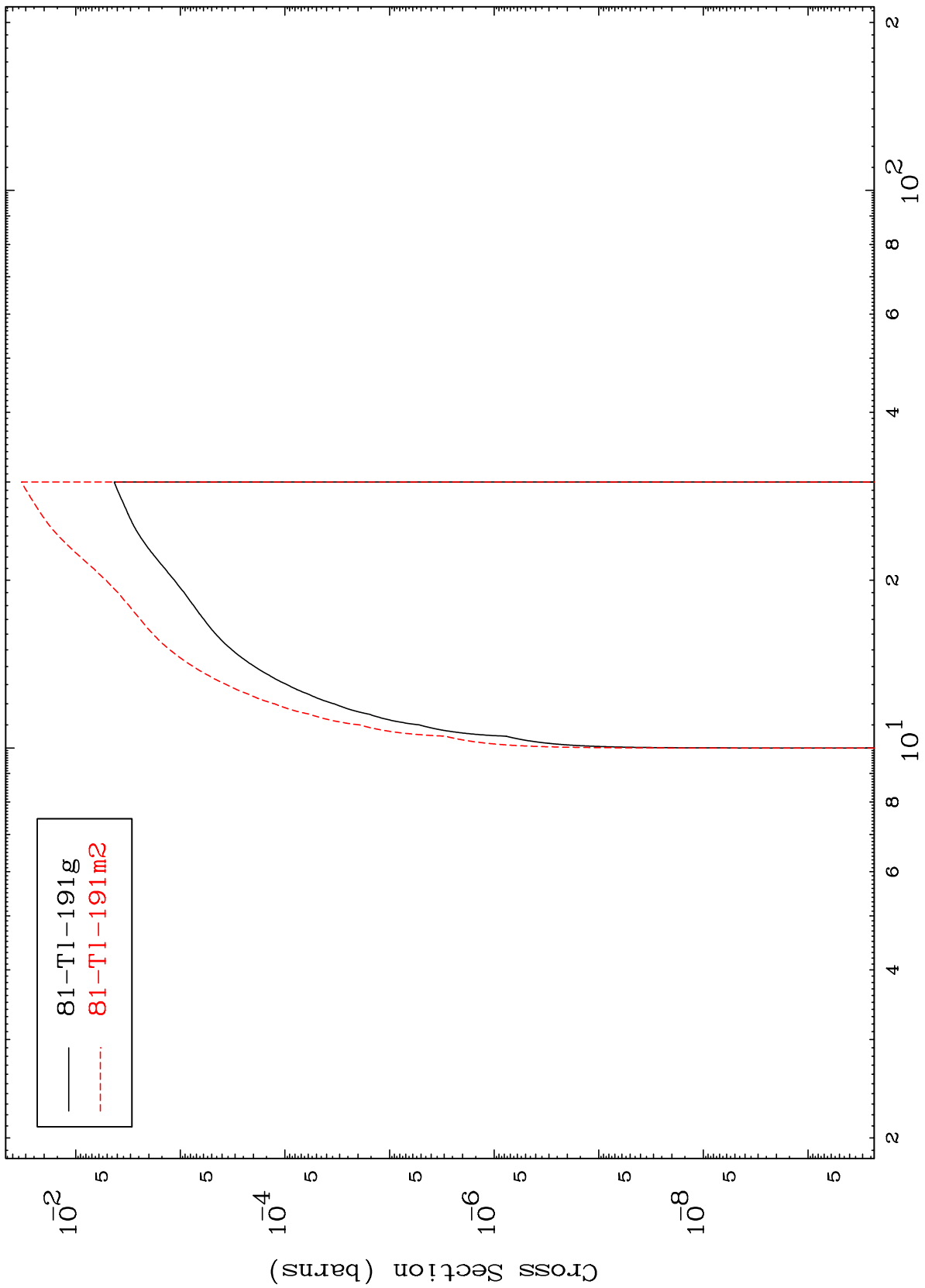


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(n,2n) α

83-Bi-196

Radionuclide Production Cross Section



— 81-Tl-191g
- - - 81-Tl-191m2

23

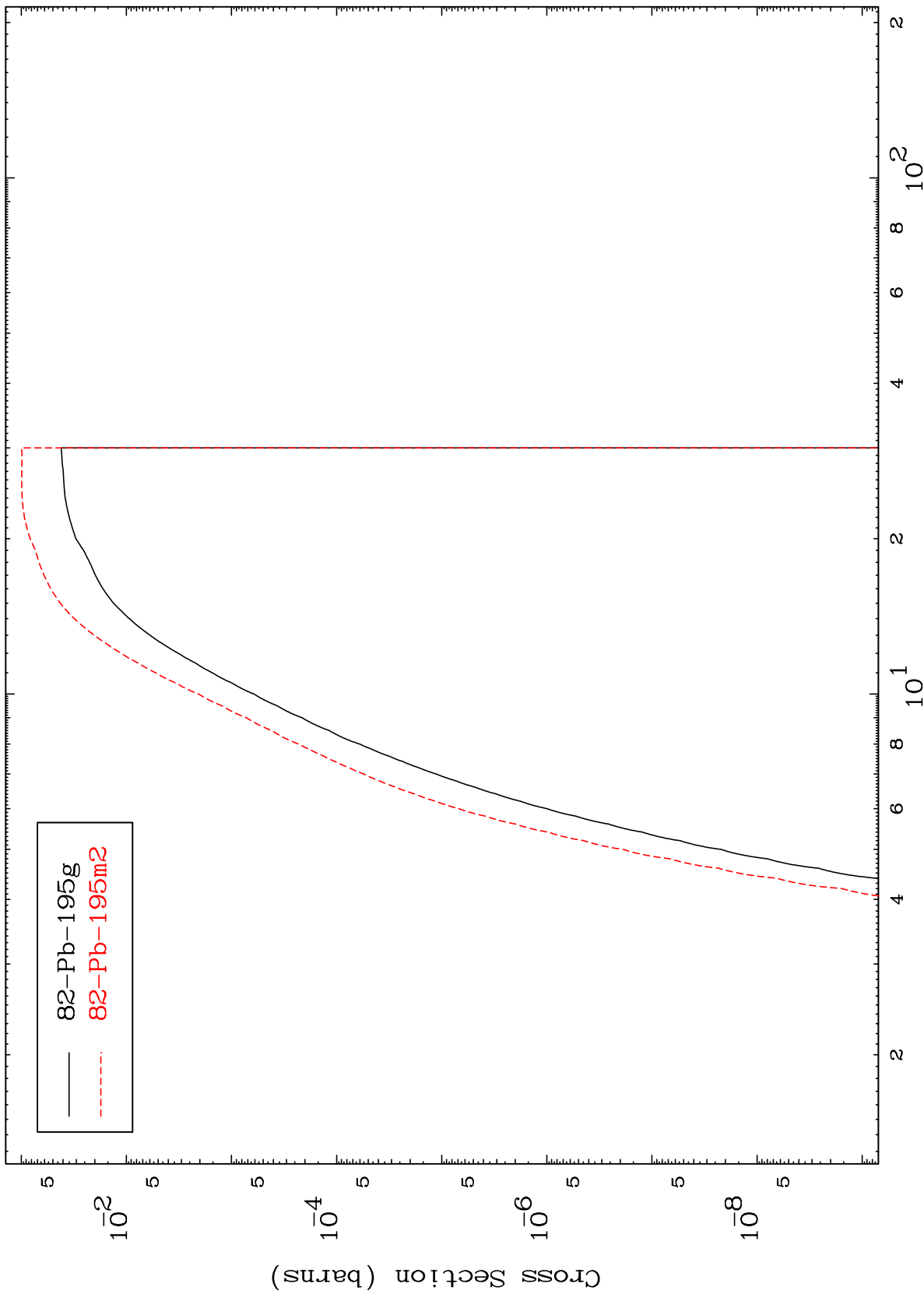
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(n,n') p
Radionuclide Production Cross Section



24

Incident Energy (MeV)

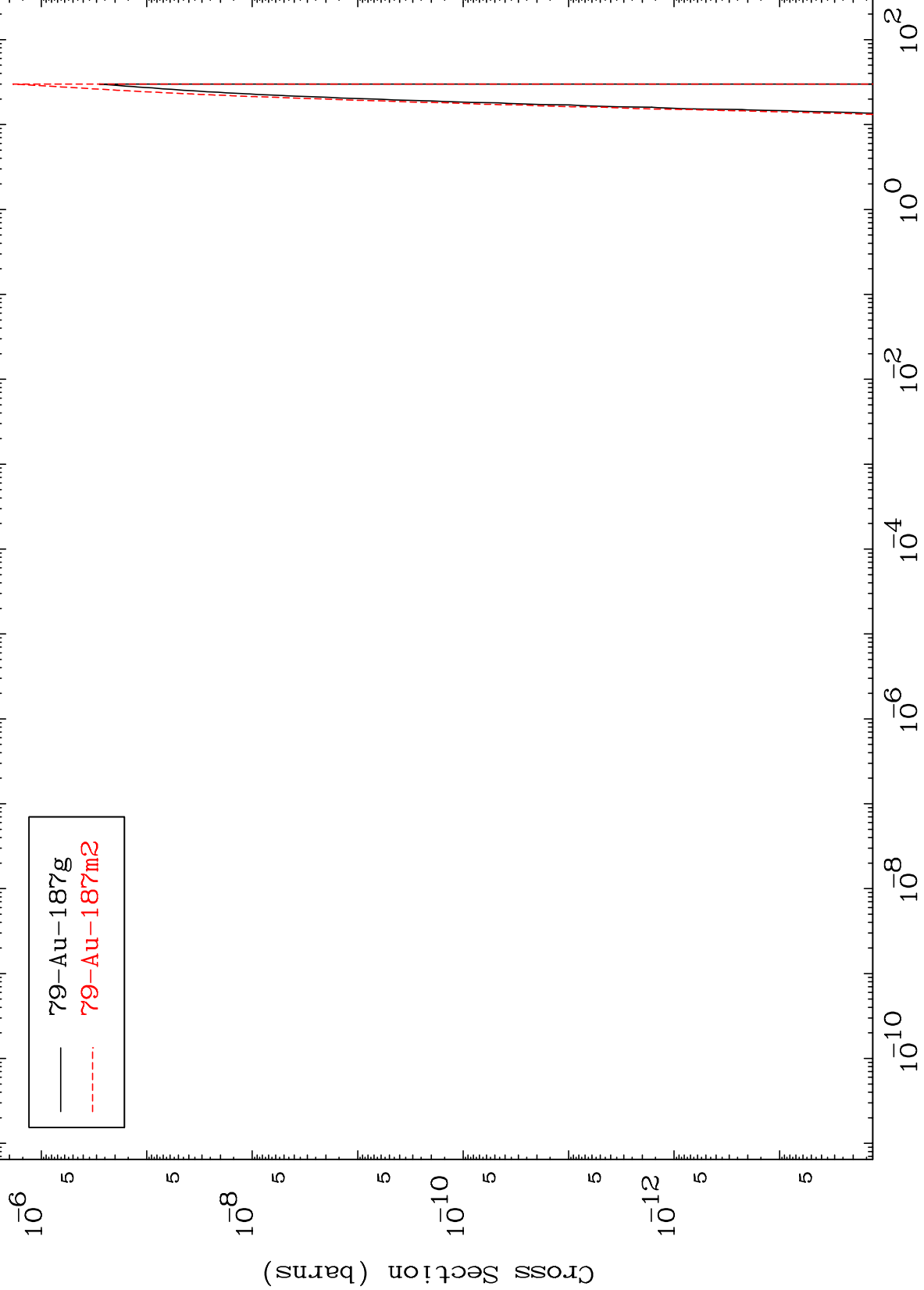
83-Bi-196

MAT 8287

$(n,2n) 2\alpha$

83-Bi-196

Radionuclide Production Cross Section



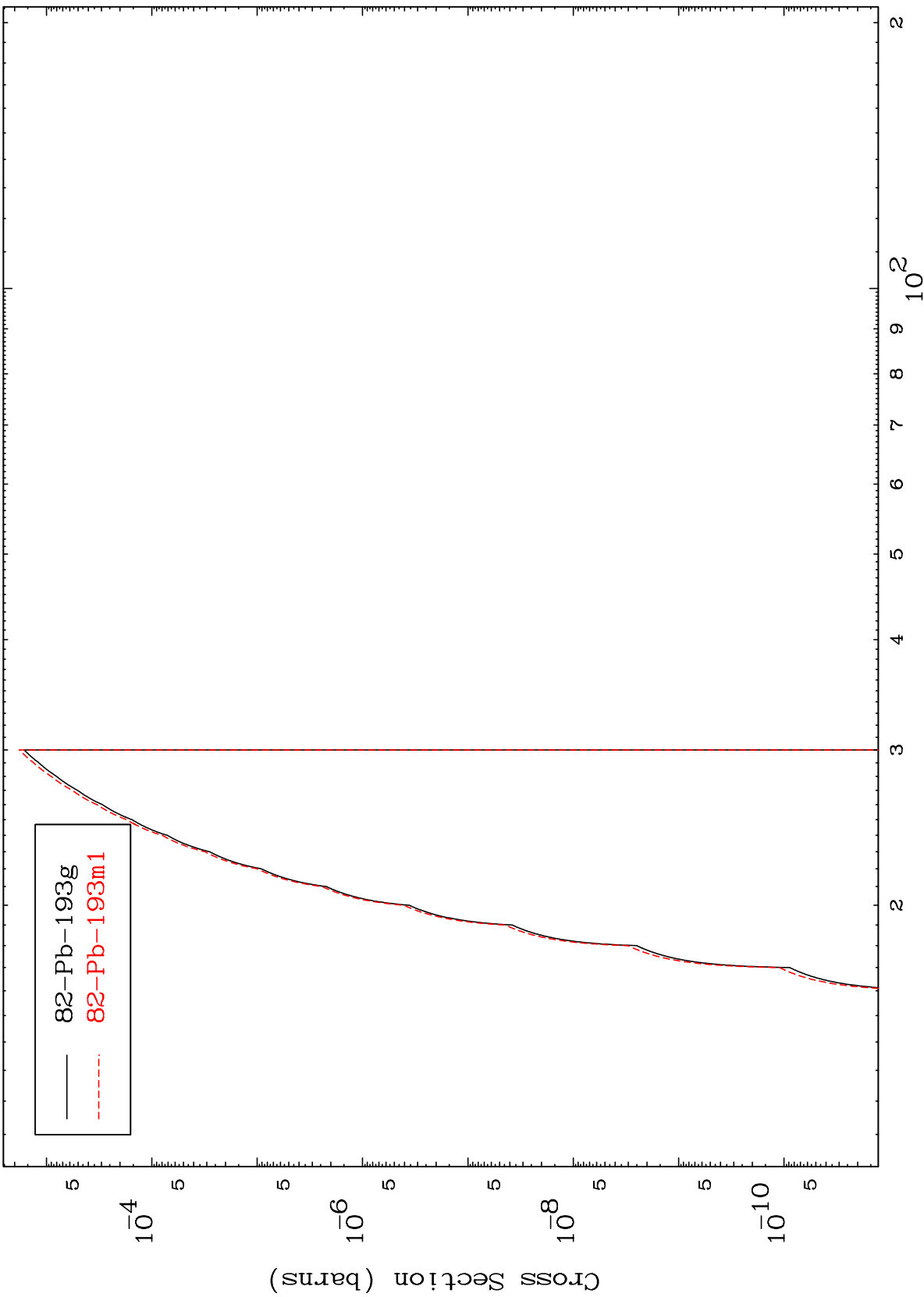
— 79-Au-187g
- - - 79-Au-187m2

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(n,n') t

83-Bi-196

Radionuclide Production Cross Section

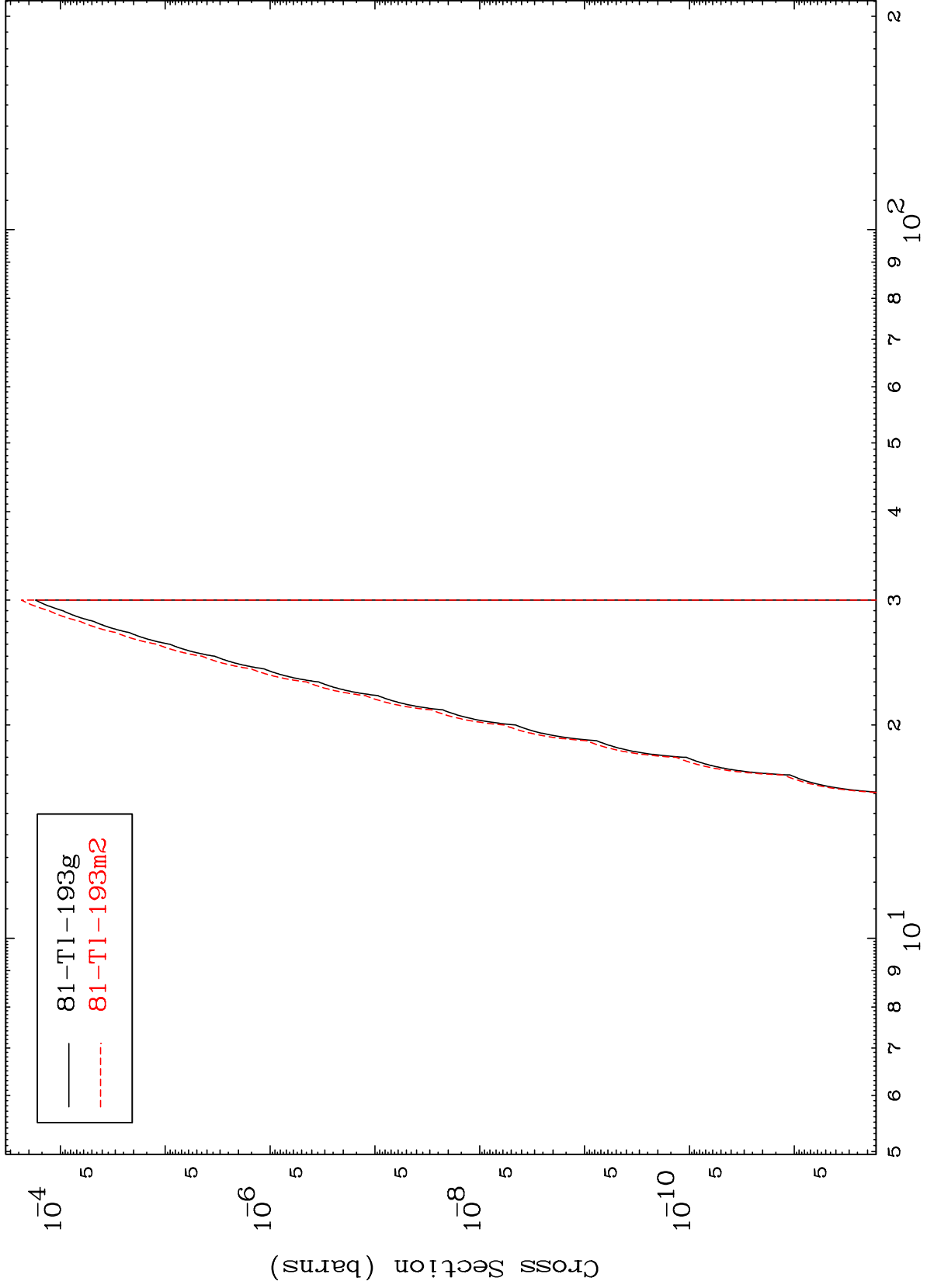


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(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

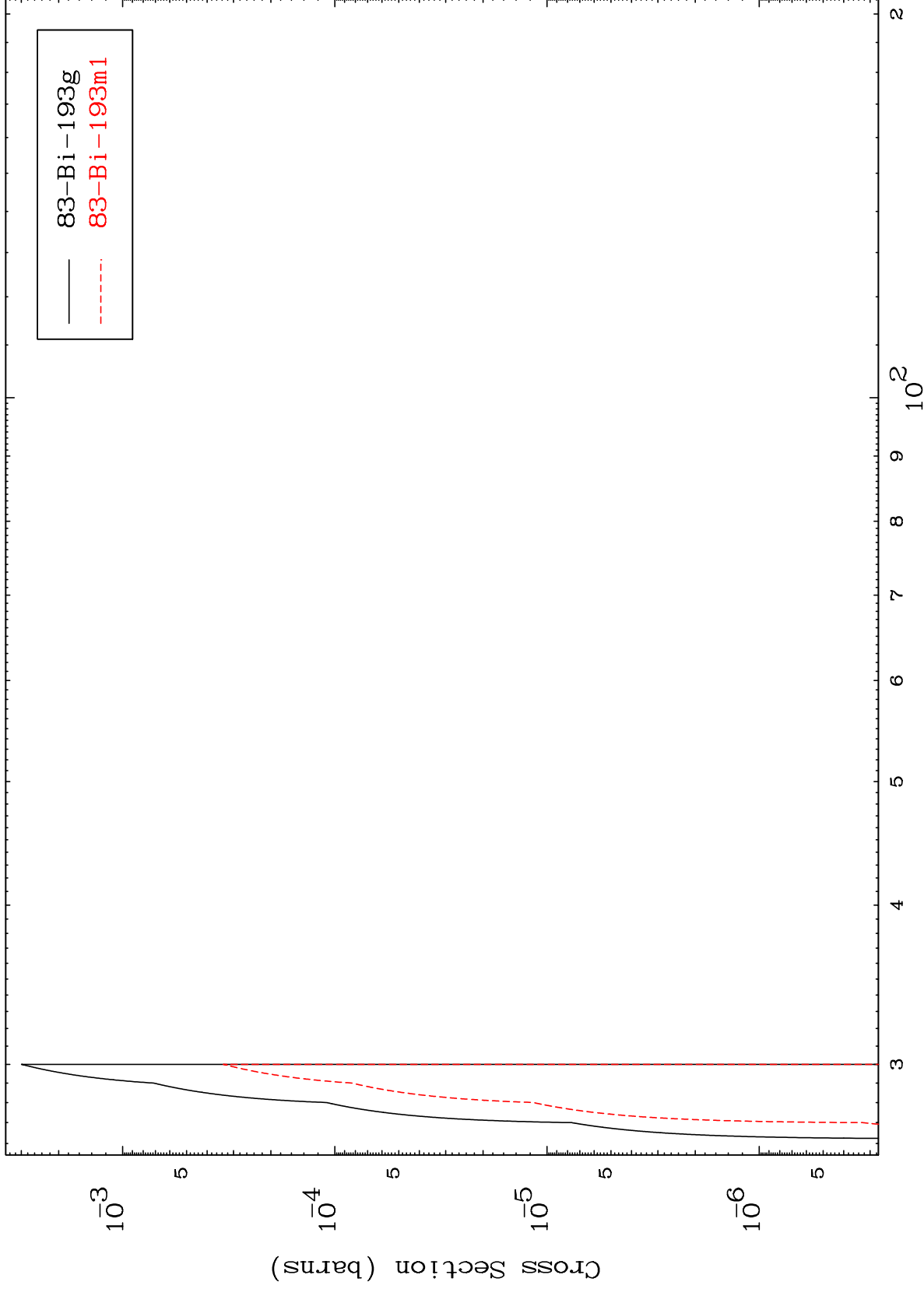
83-Bi-196

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(n,4n)

83-Bi-196

Radionuclide Production Cross Section



28

Incident Energy (MeV)

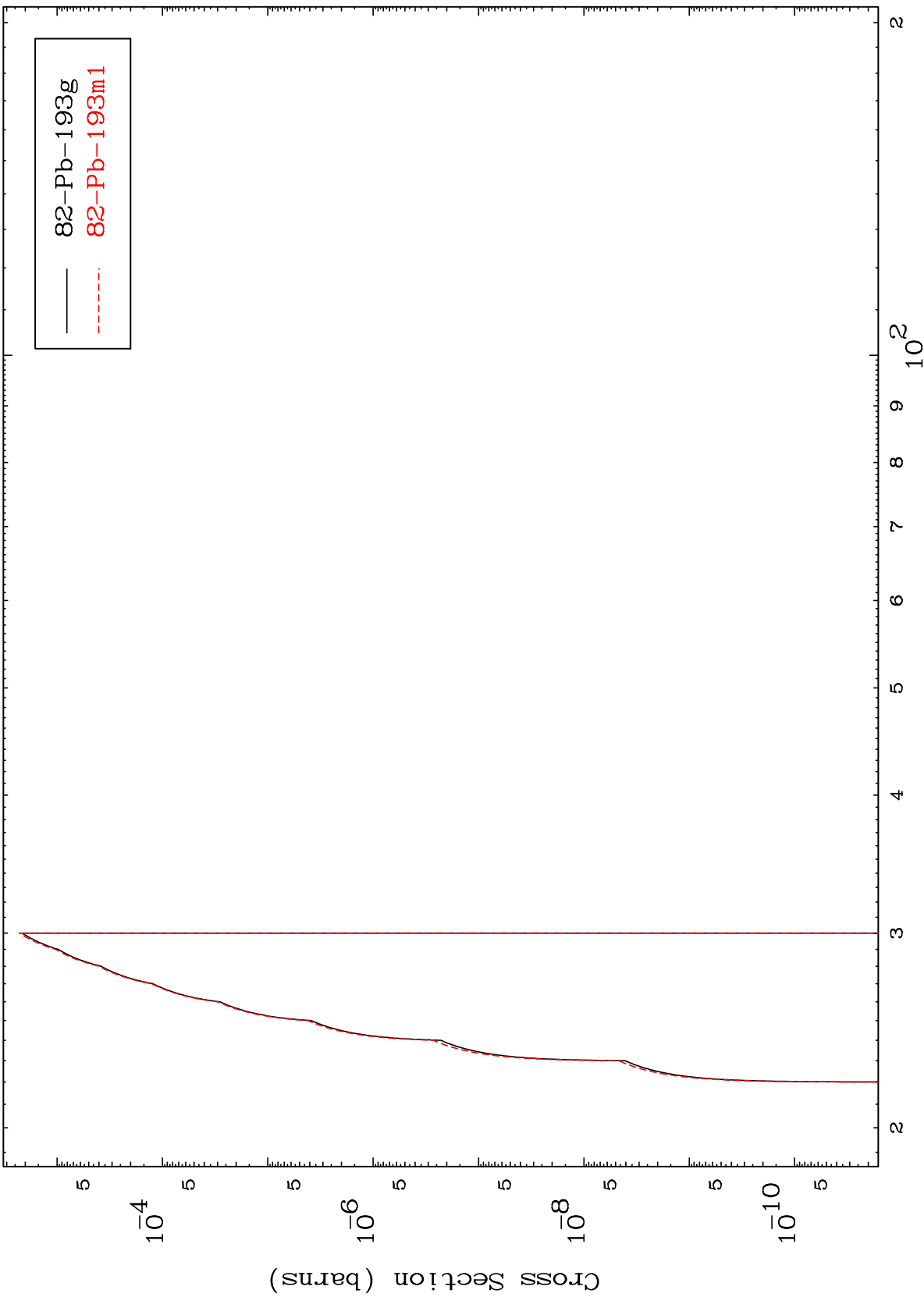
83-Bi-196

MAT 8287

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

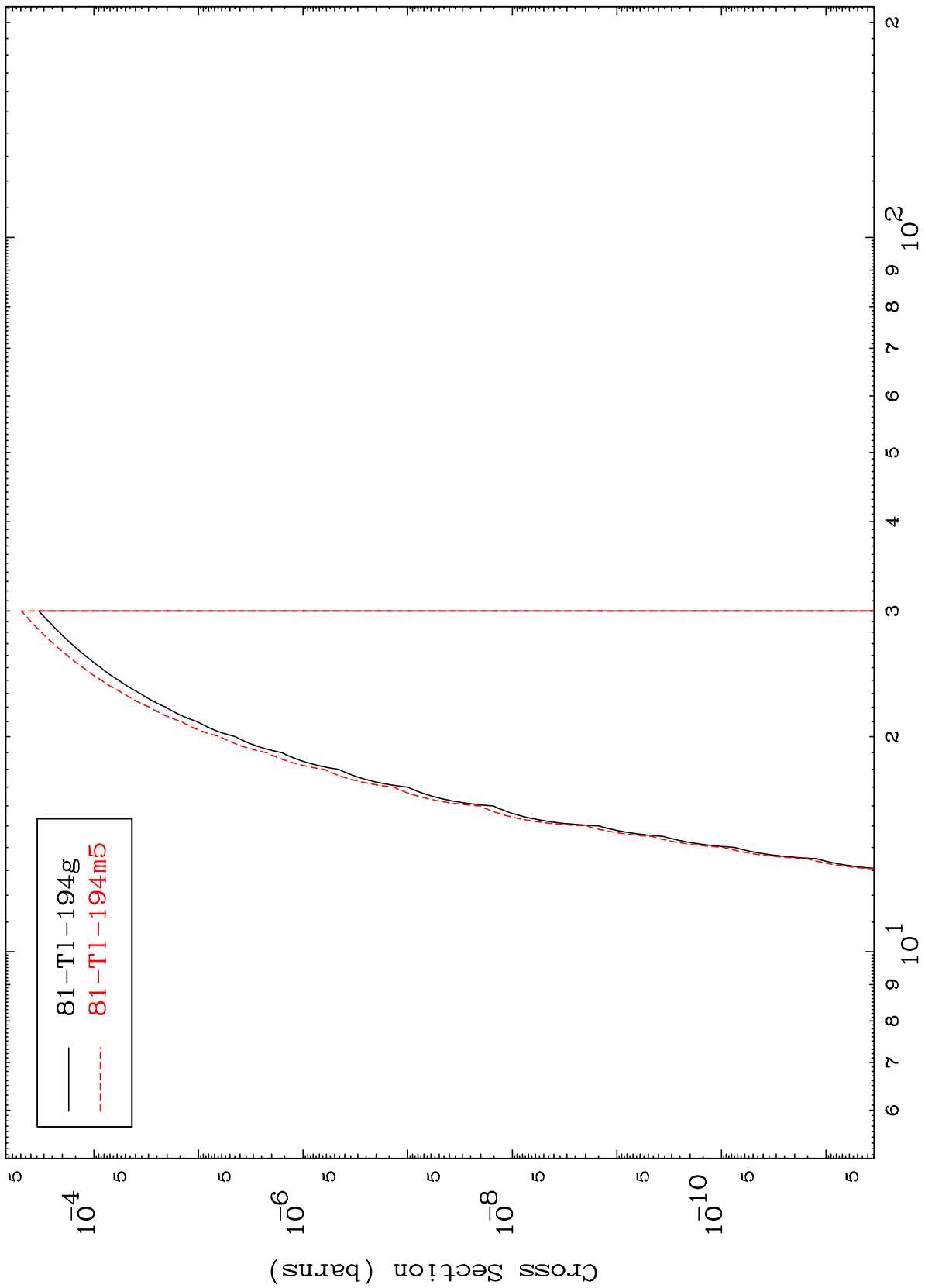
83-Bi-196

MAT 8287

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

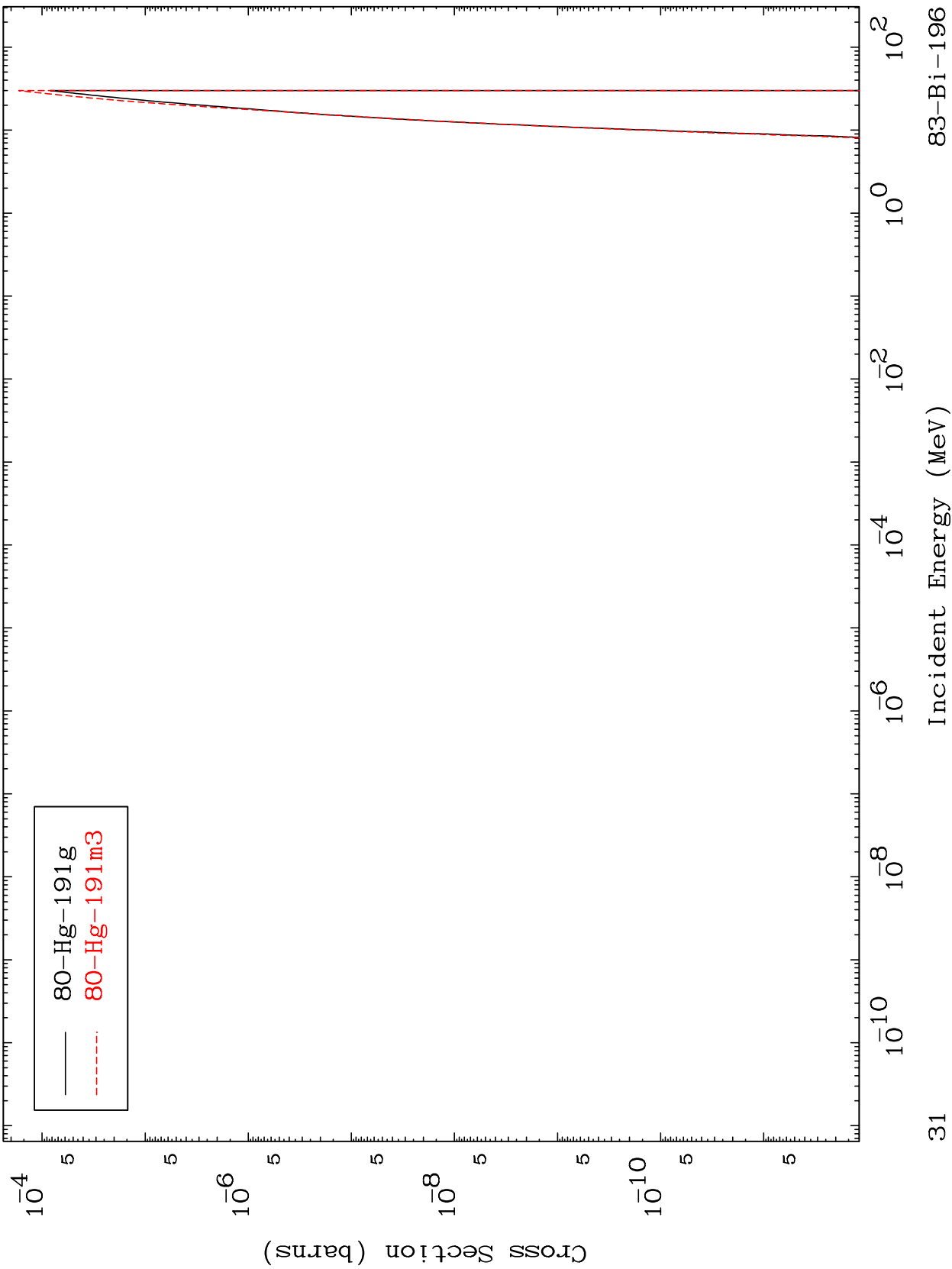
83-Bi-196

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(n,n') p α

83-Bi-196

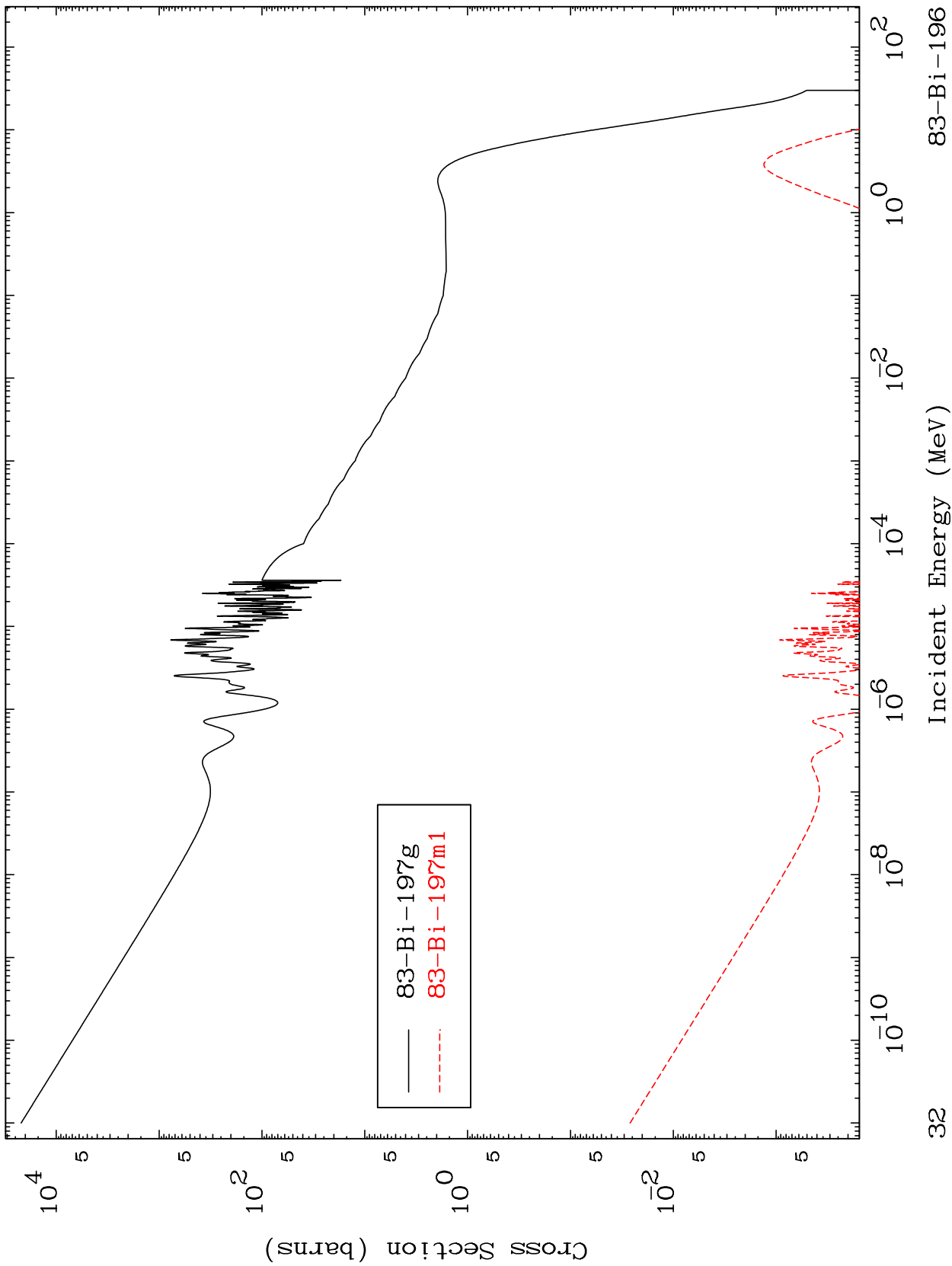
Radionuclide Production Cross Section



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83-Bi-196

(n,γ)
Radionuclide Production Cross Section

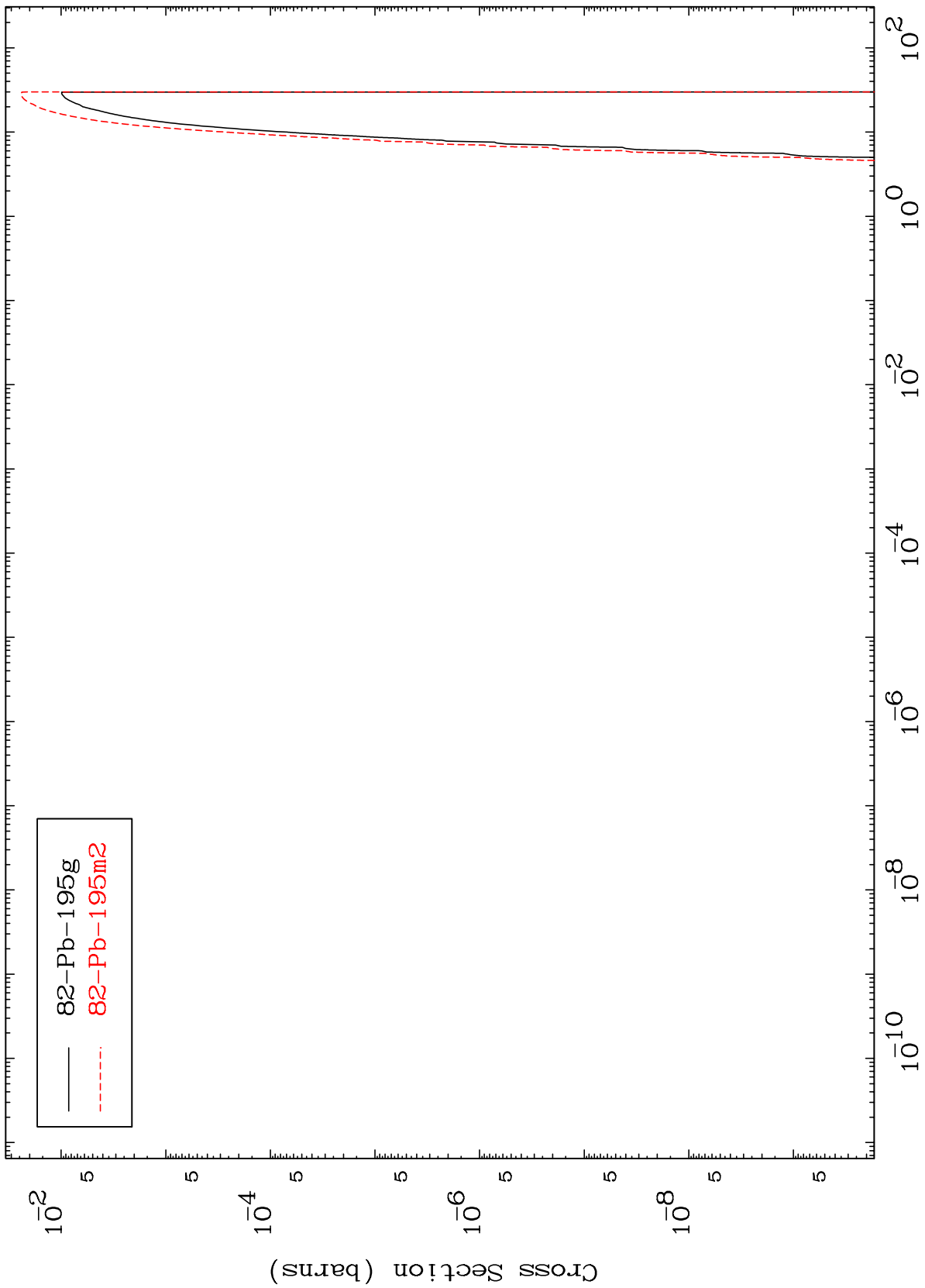


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(n,d)

83-Bi-196

Radionuclide Production Cross Section

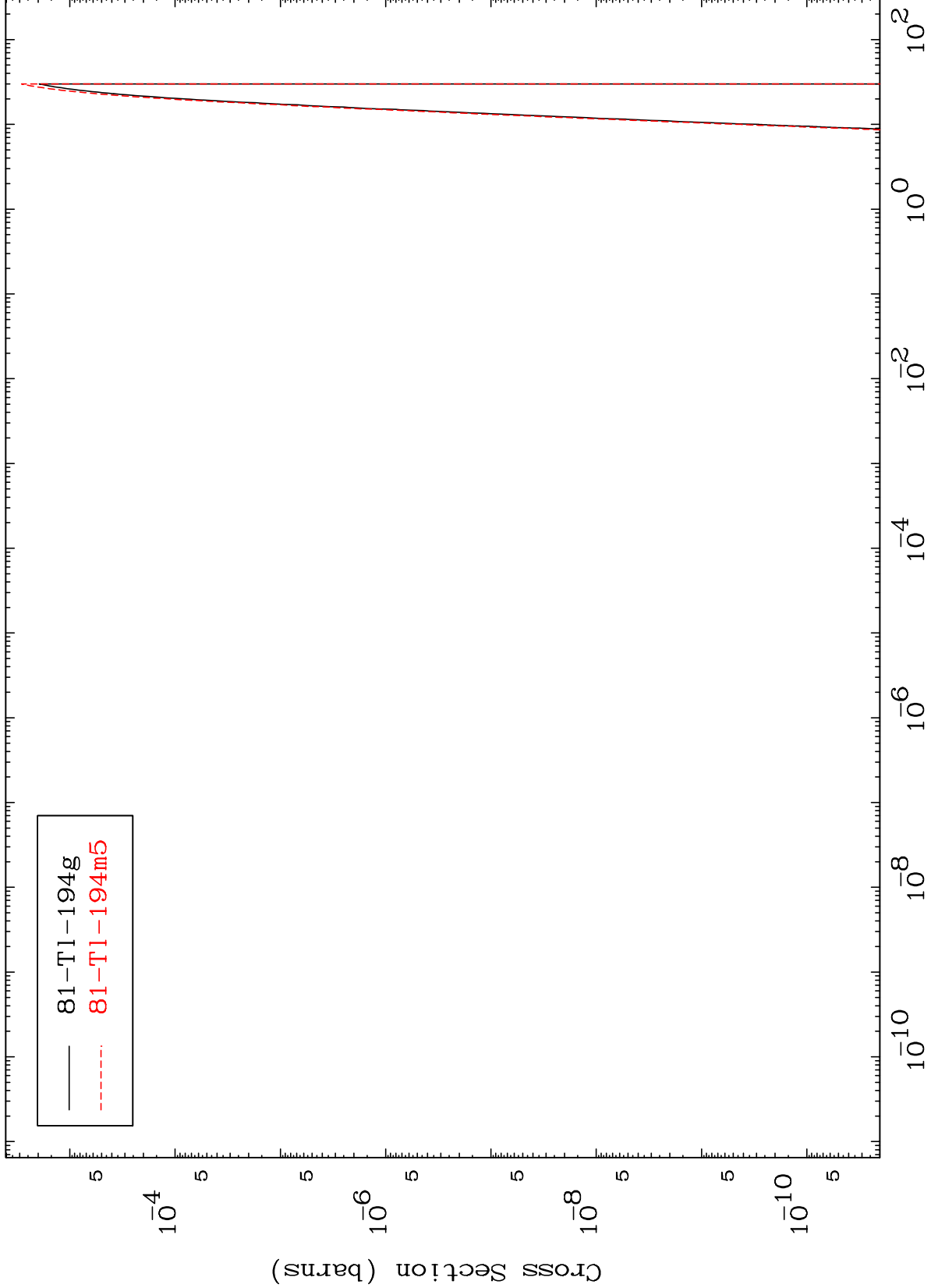


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(n,He-3)

83-Bi-196

Radionuclide Production Cross Section

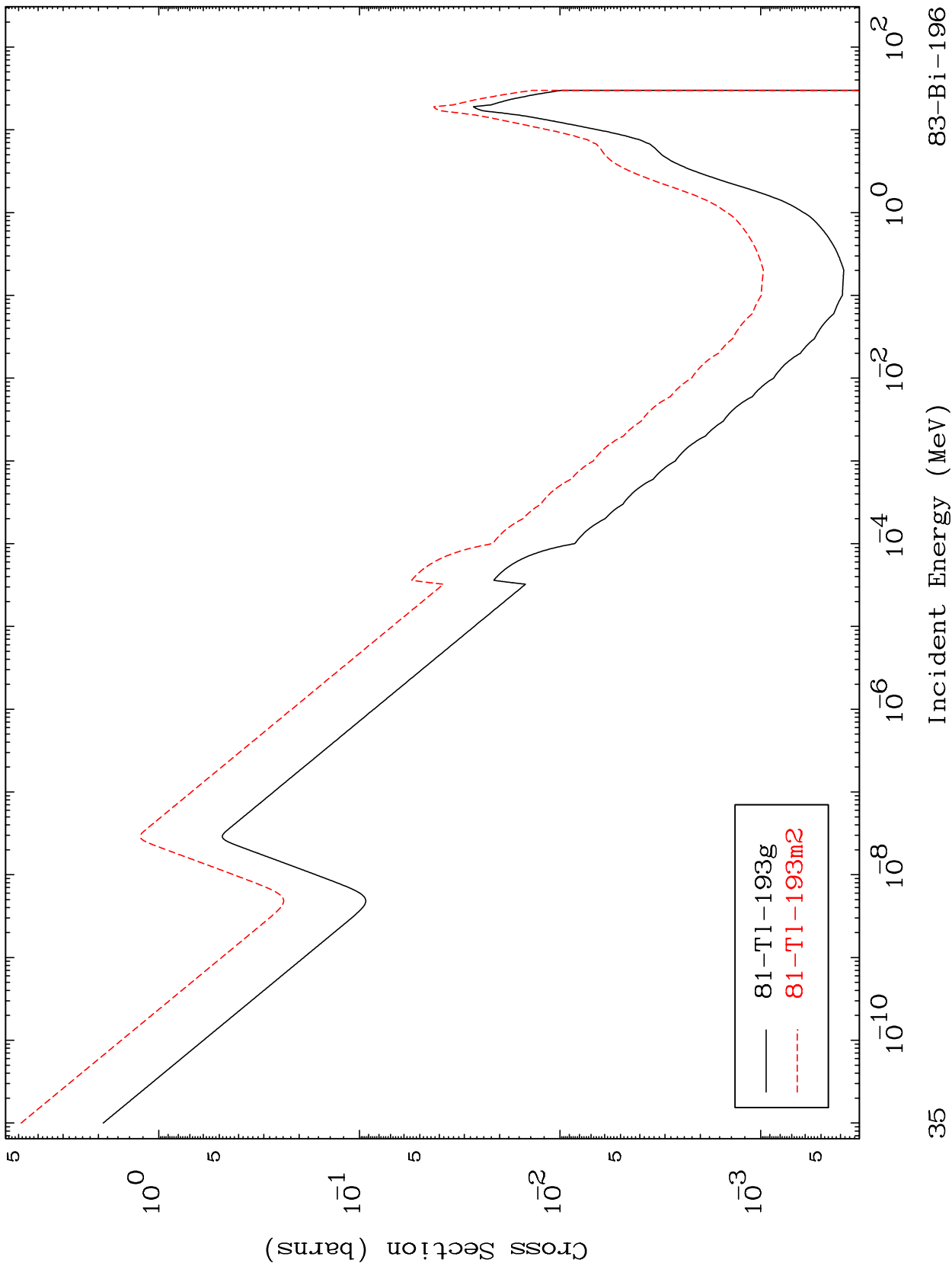


81-Tl-194g
81-Tl-194m5

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83-Bi-196

(n, α)
Radionuclide Production Cross Section

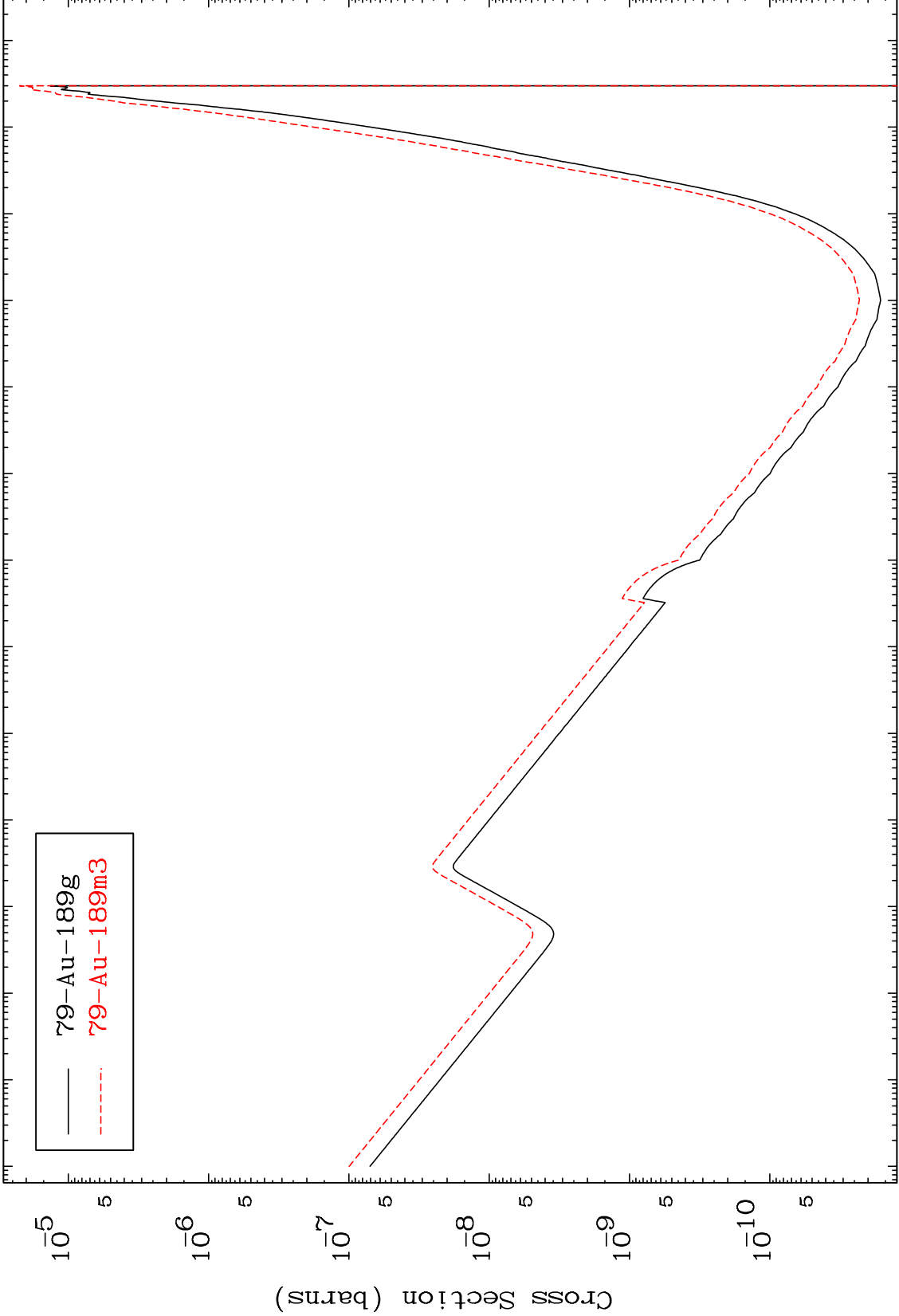
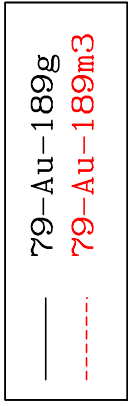


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(n,2α)

83-Bi-196

Radionuclide Production Cross Section



83-Bi-196

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

83-Bi-196

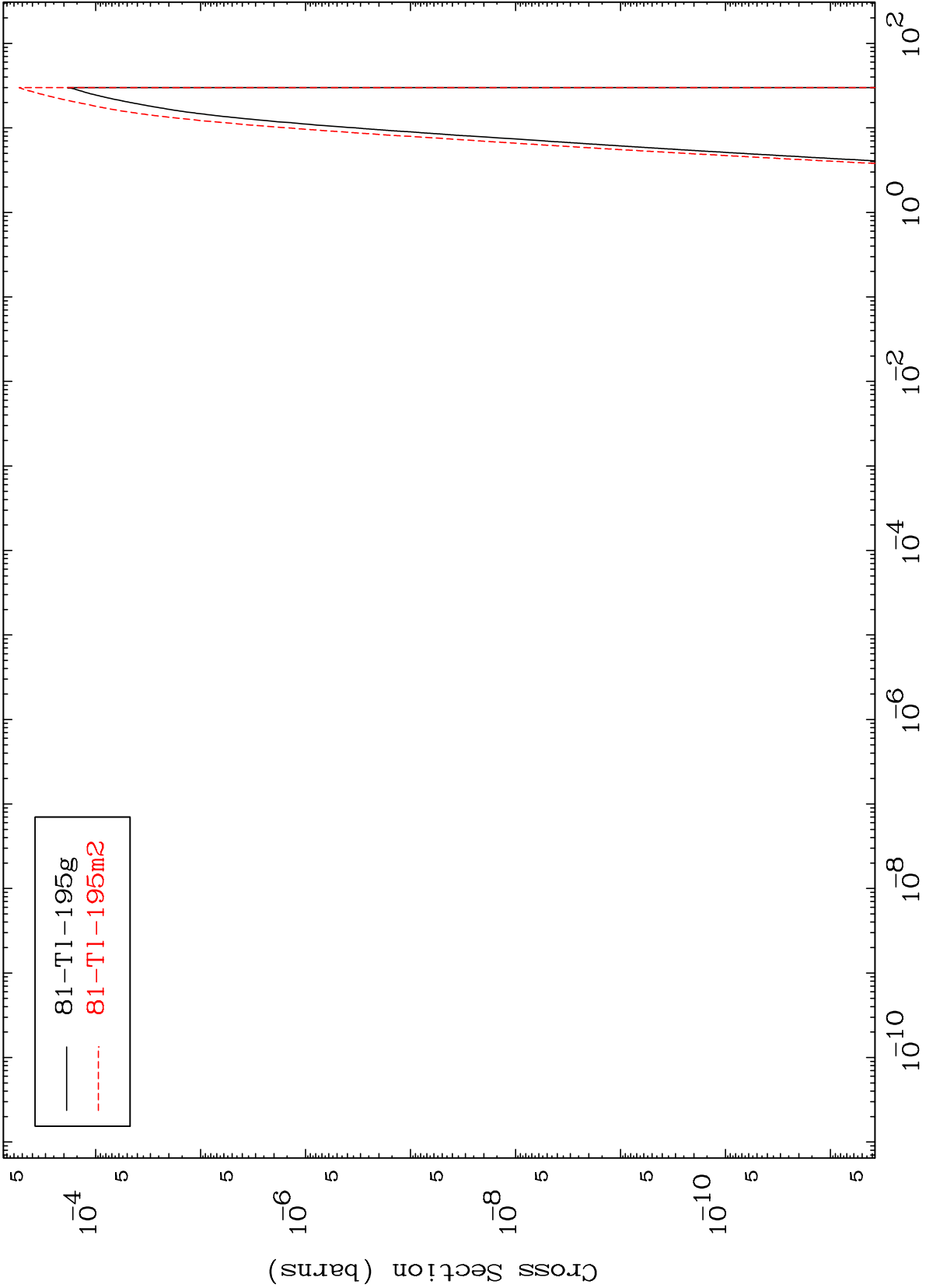
36

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(n,2p)

83-Bi-196

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

Incident Energy (MeV)

83-Bi-196

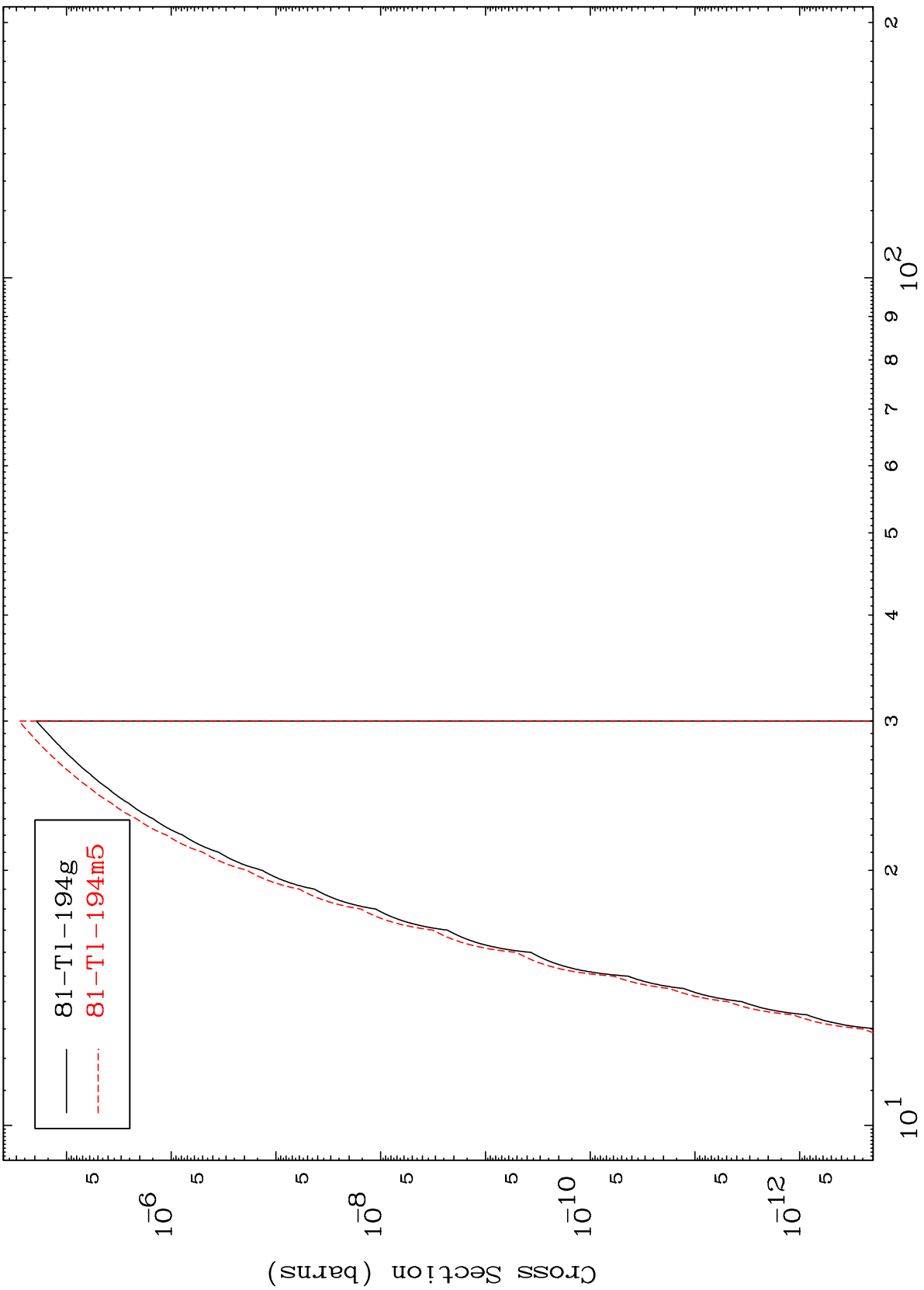
37

MAT 8287

(n,p) d

83-Bi-196

Radionuclide Production Cross Section



38

Incident Energy (MeV)

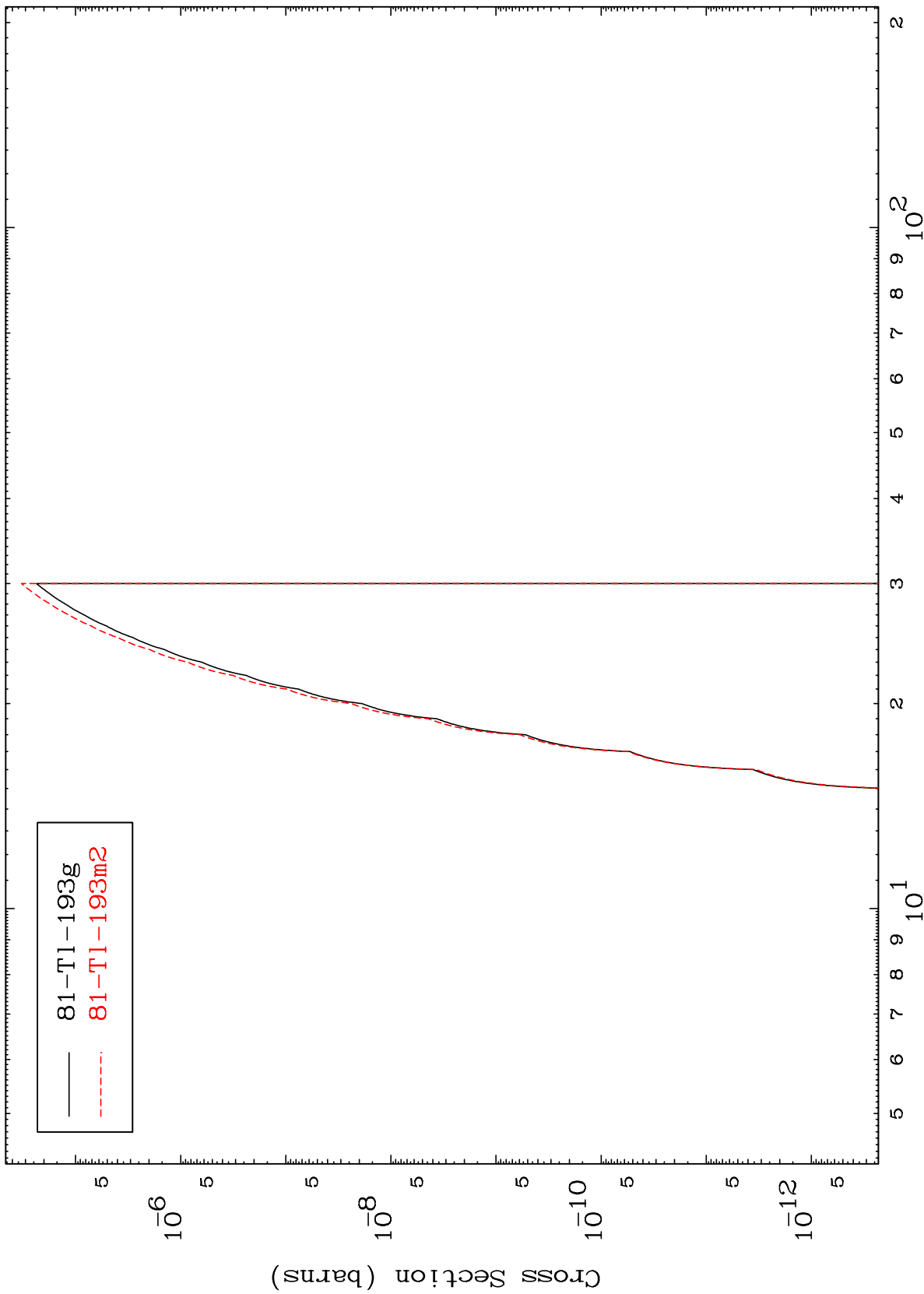
83-Bi-196

MAT 8287

(n,p) t

83-Bi-196

Radionuclide Production Cross Section



39

Incident Energy (MeV)

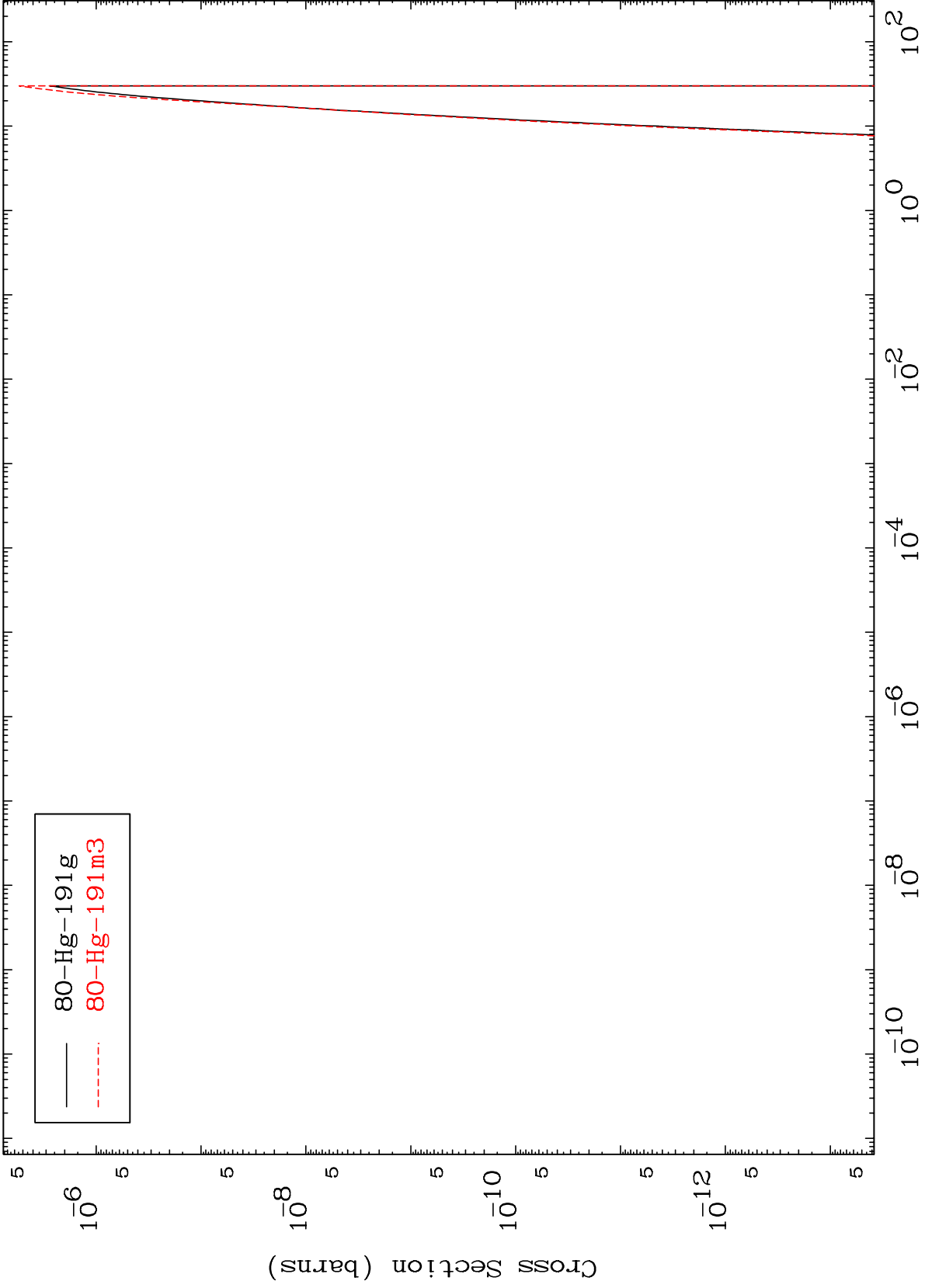
83-Bi-196

MAT 8287

(n,d) α

83-Bi-196

Radionuclide Production Cross Section



40

Incident Energy (MeV)

83-Bi-196