

Program EVALPLOT
(Version 2015-2)

by

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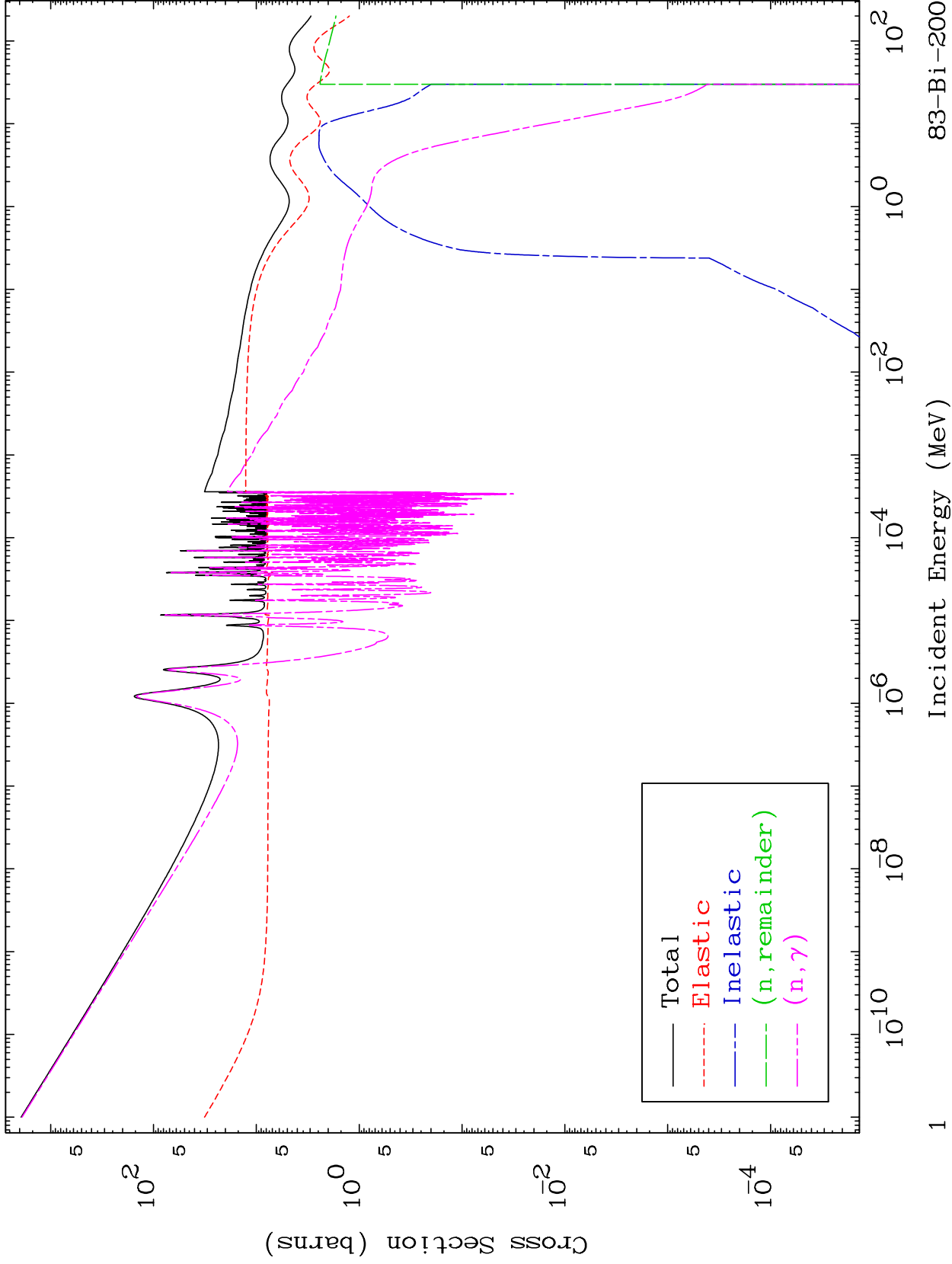
Press Mouse Button to Start

MAT 8299

Major

293 Kelvin Cross Sections

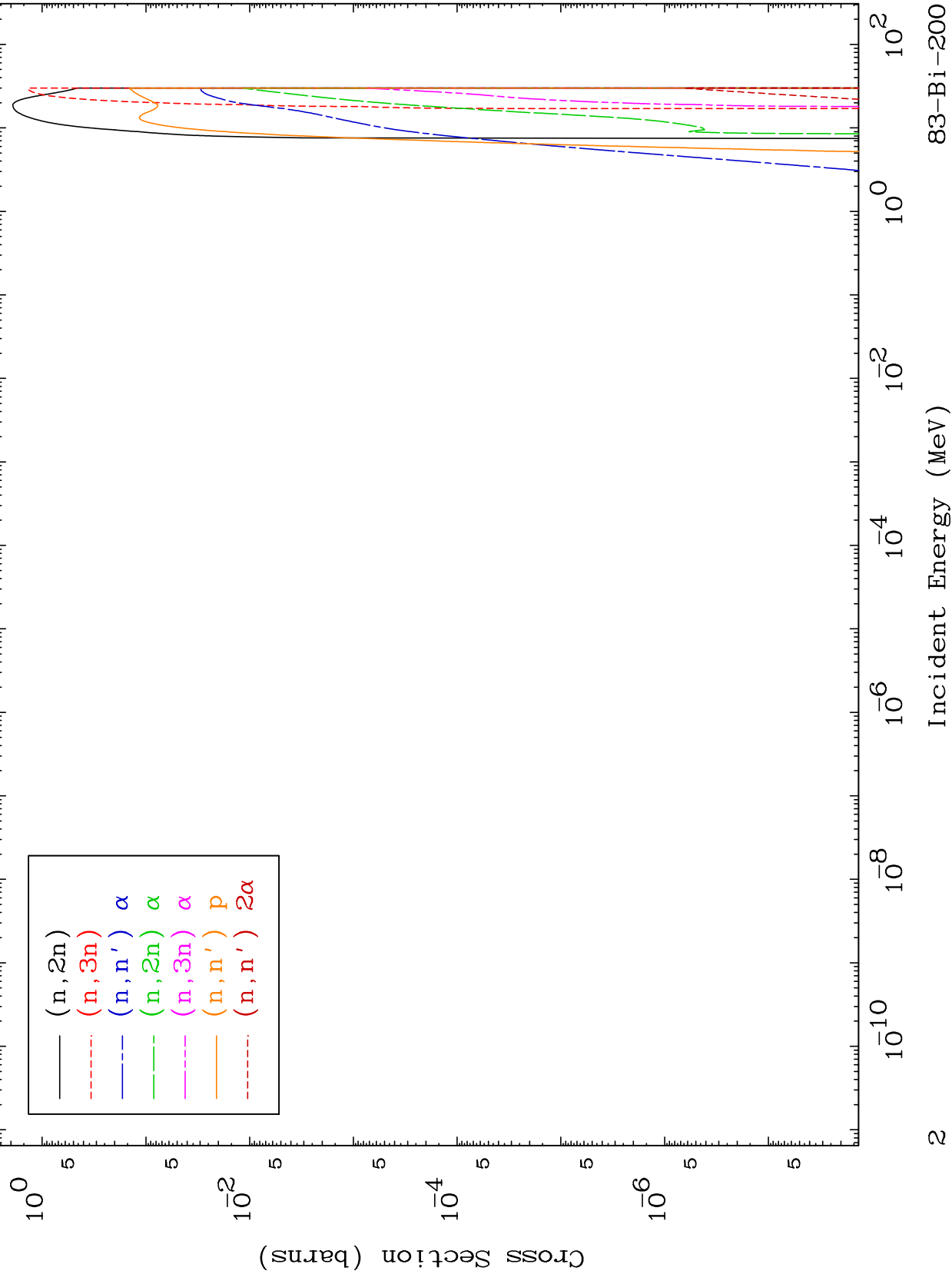
83-Bi-200



MAT 8299

Neutron Production
293 Kelvin Cross Sections

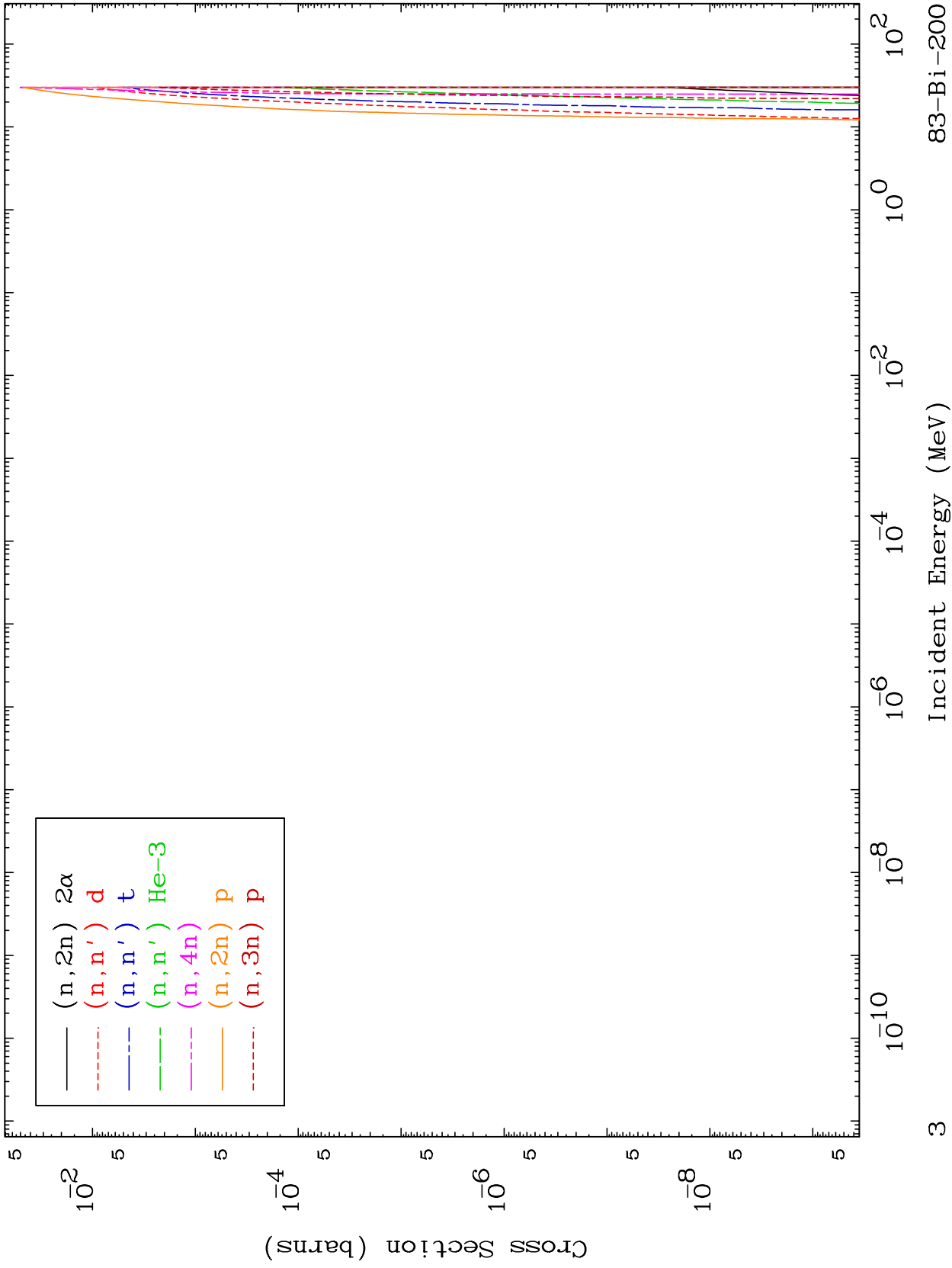
83-Bi-200



MAT 8299

Neutron Production
293 Kelvin Cross Sections

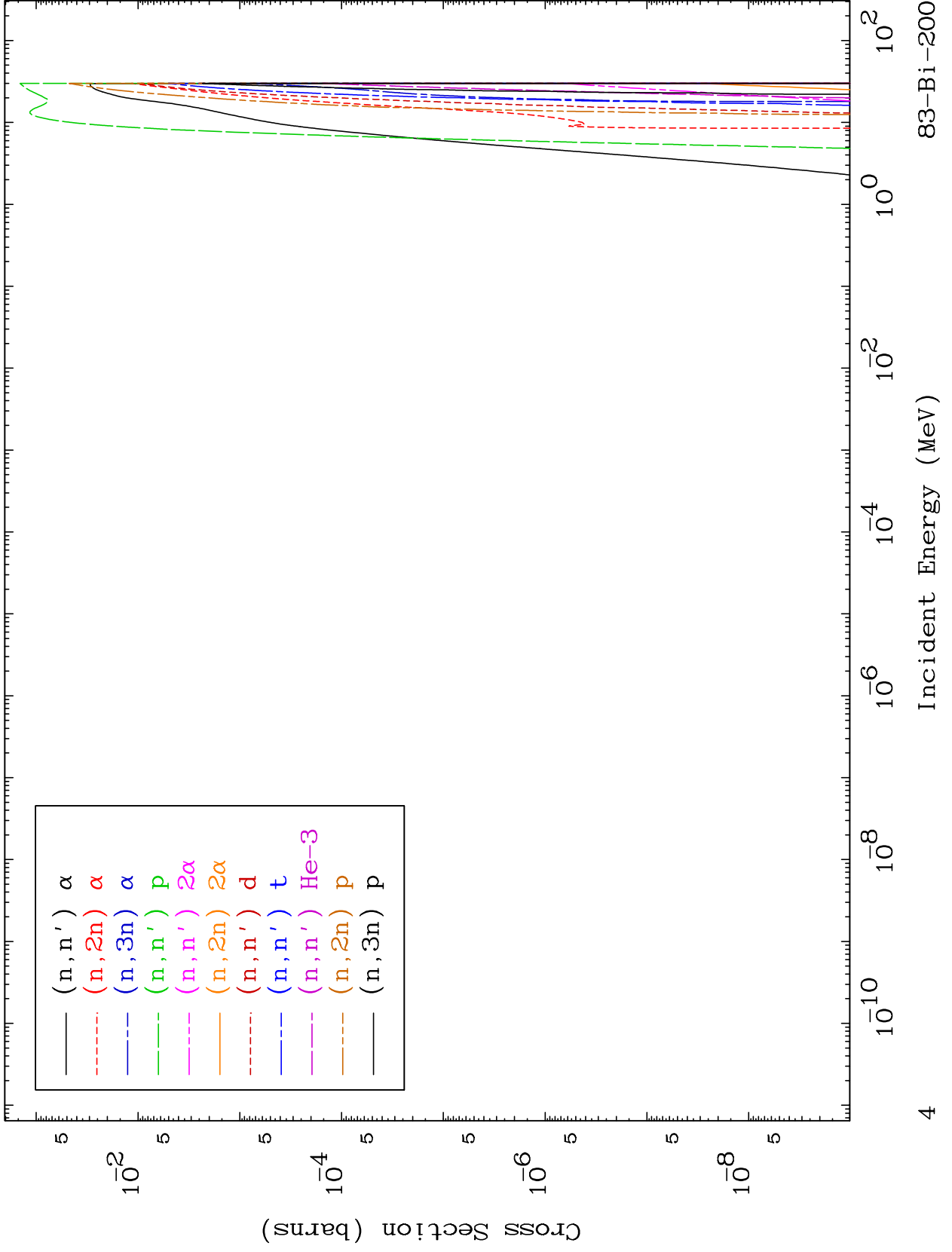
83-Bi-200



MAT 8299

Charged Particle
293 Kelvin Cross Sections

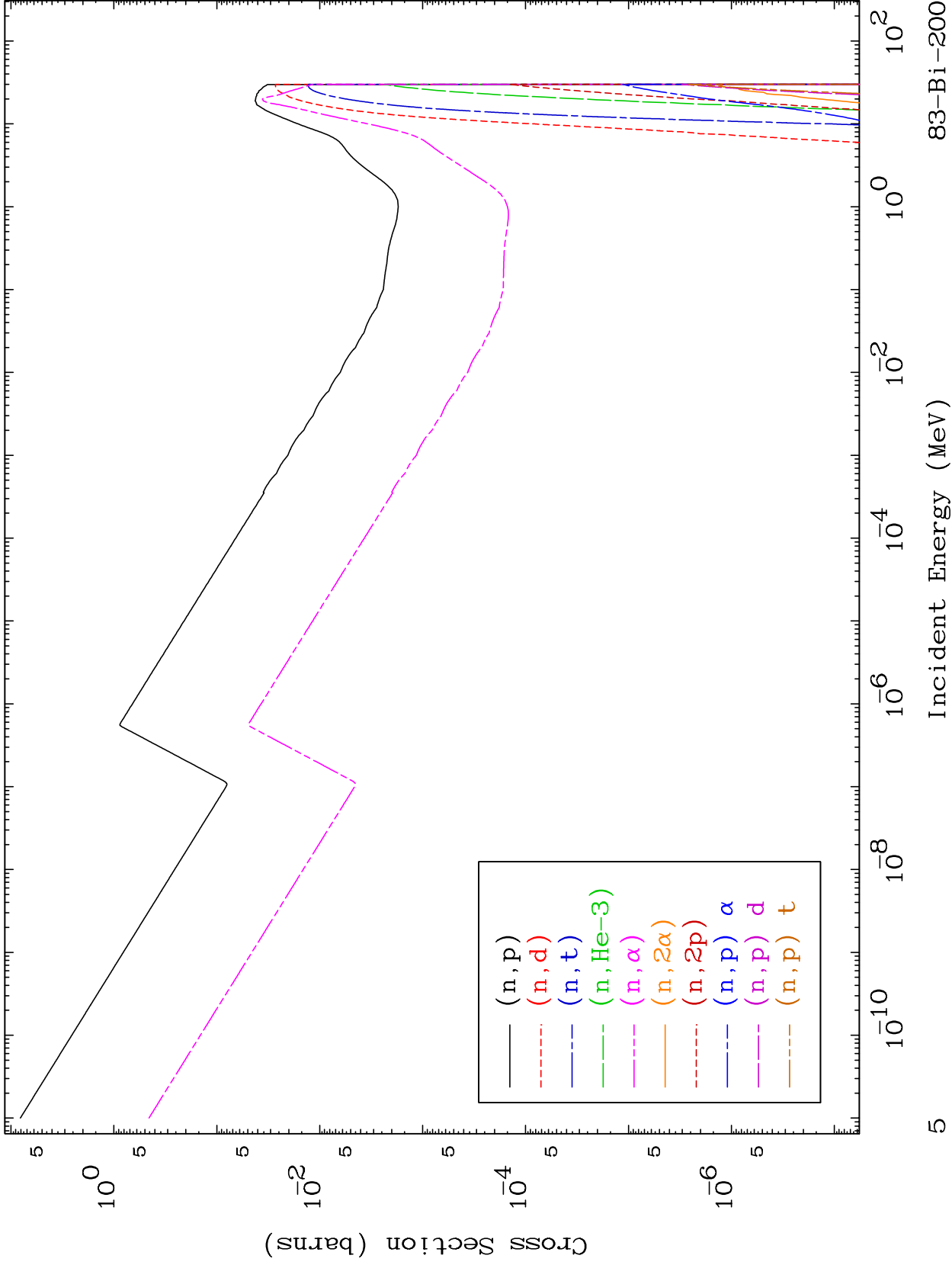
83-Bi-200



MAT 8299

Charged Particle
293 Kelvin Cross Sections

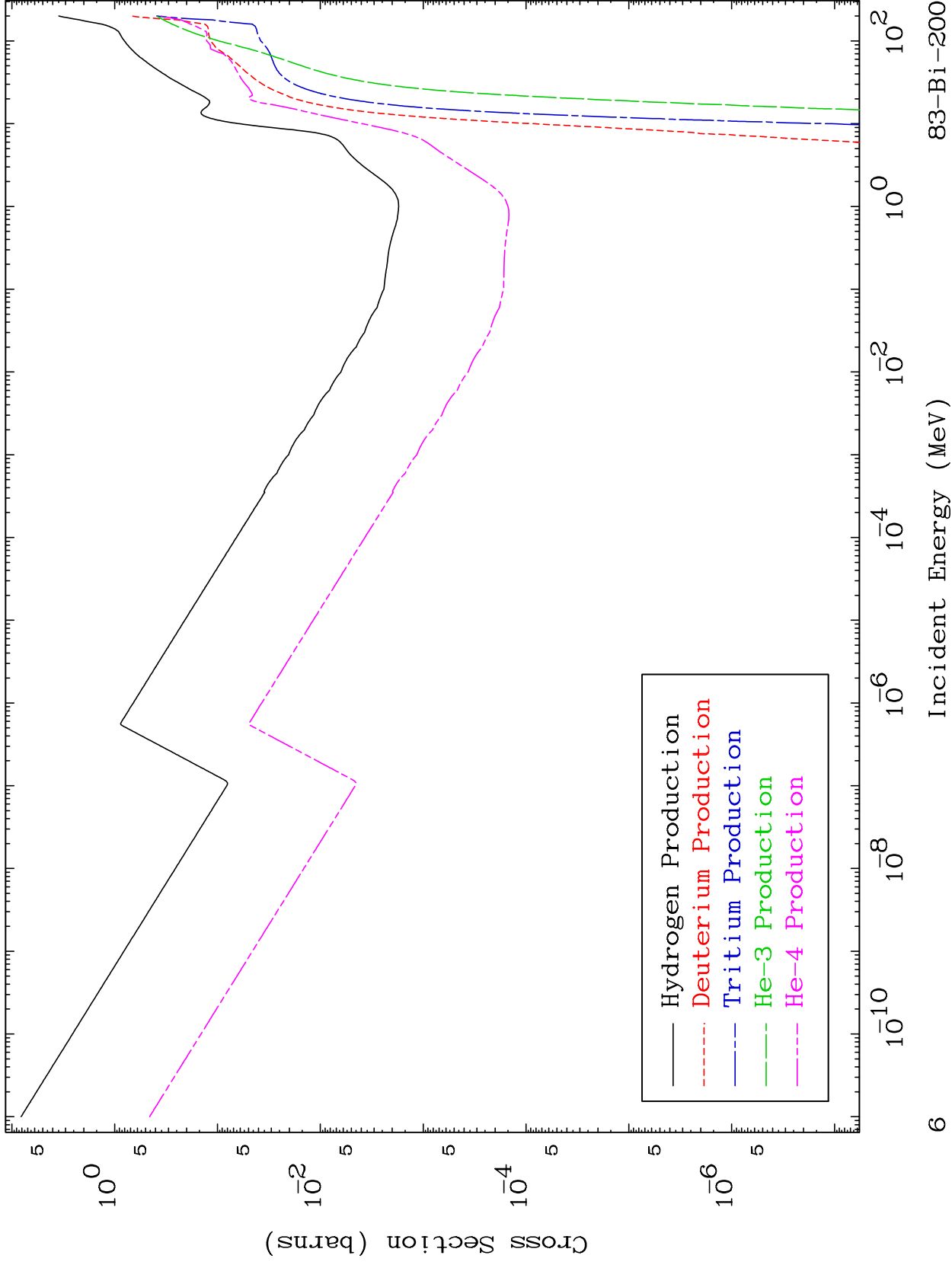
83-Bi-200



MAT 8299

Particle Production
293 Kelvin Cross Sections

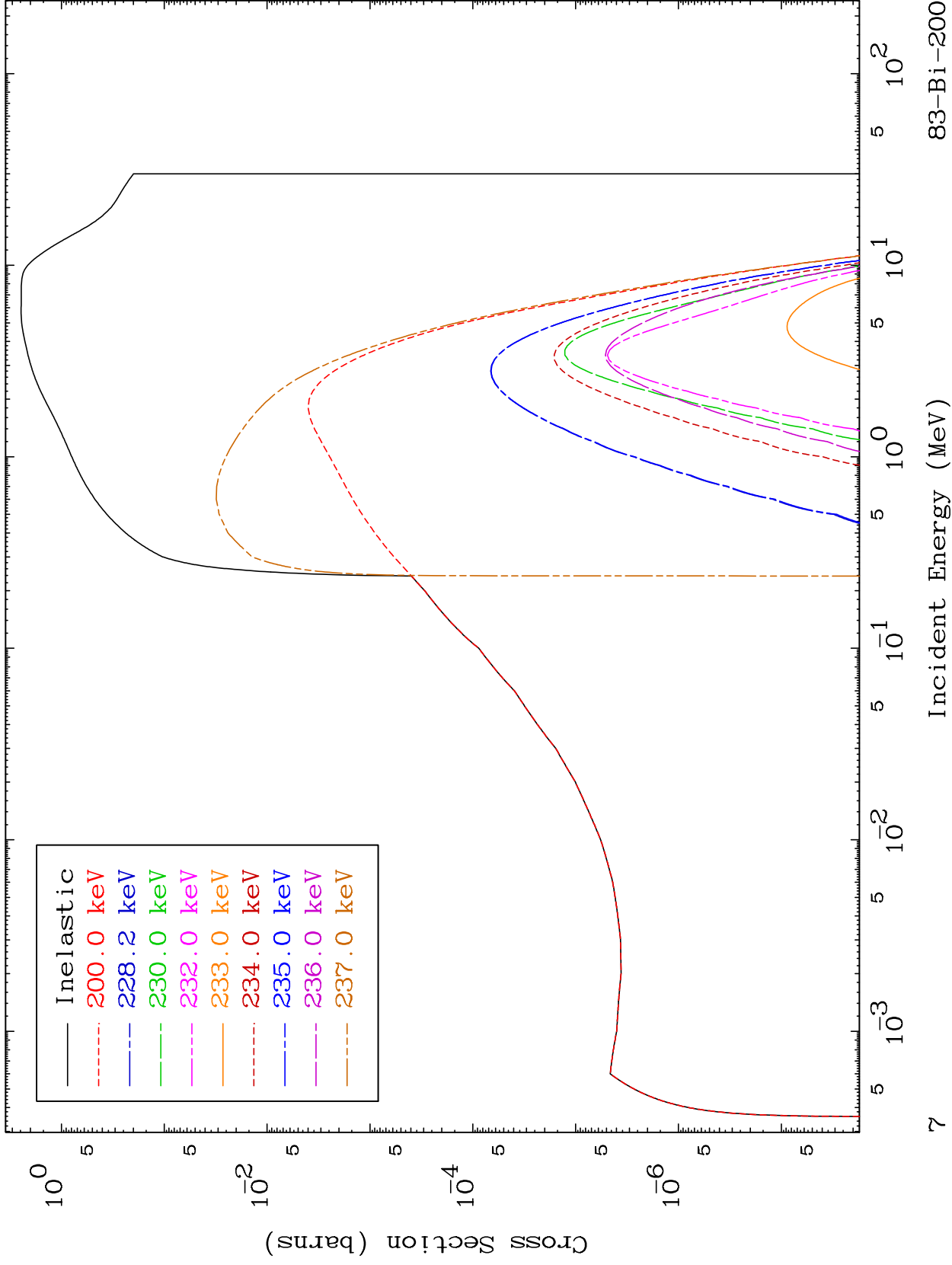
83-Bi-200



MAT 8299

(n,n') Level
293 Kelvin Cross Sections

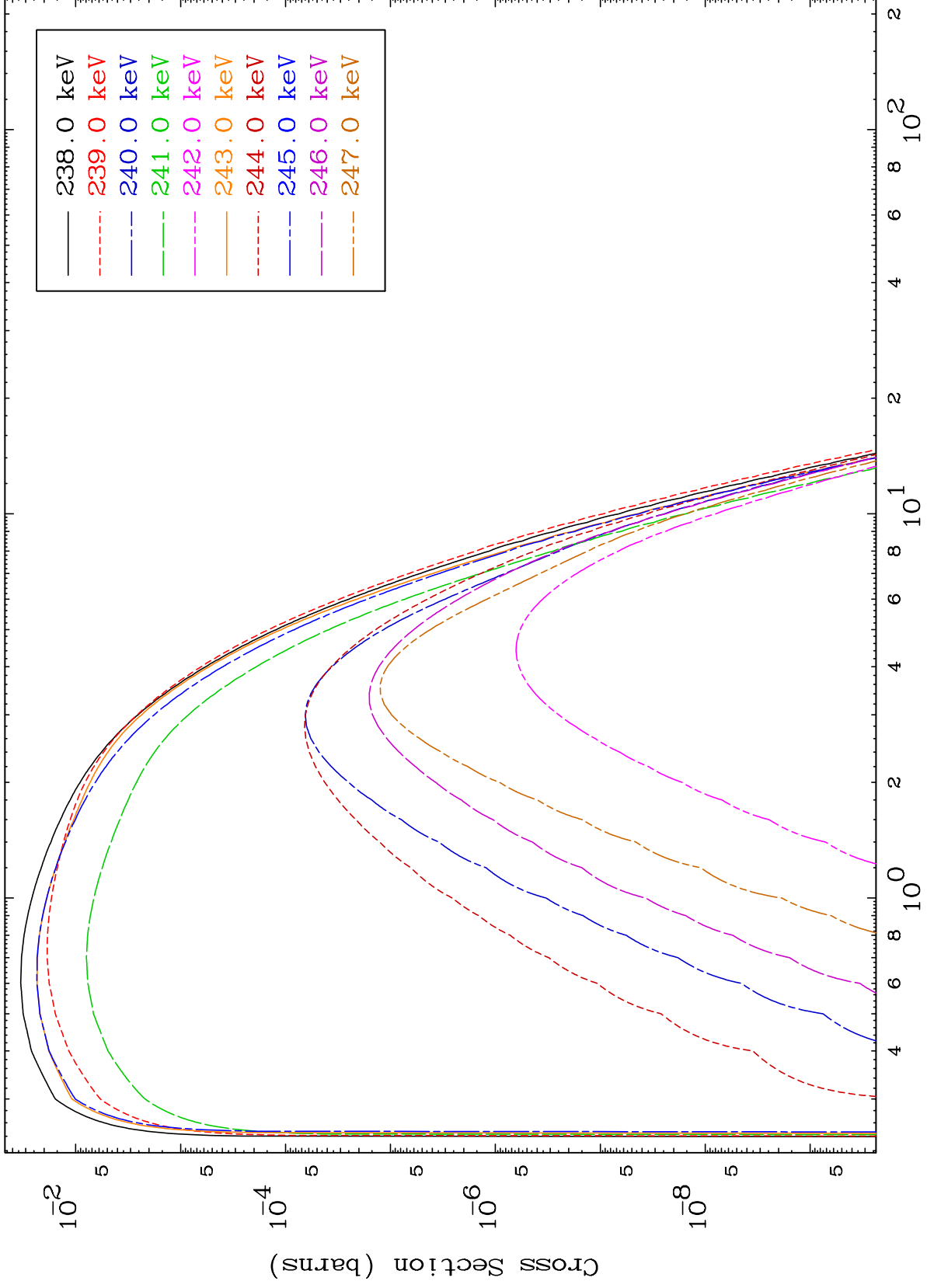
83-Bi-200



MAT 8299

(n,n') Level
293 Kelvin Cross Sections

83-Bi-200



8

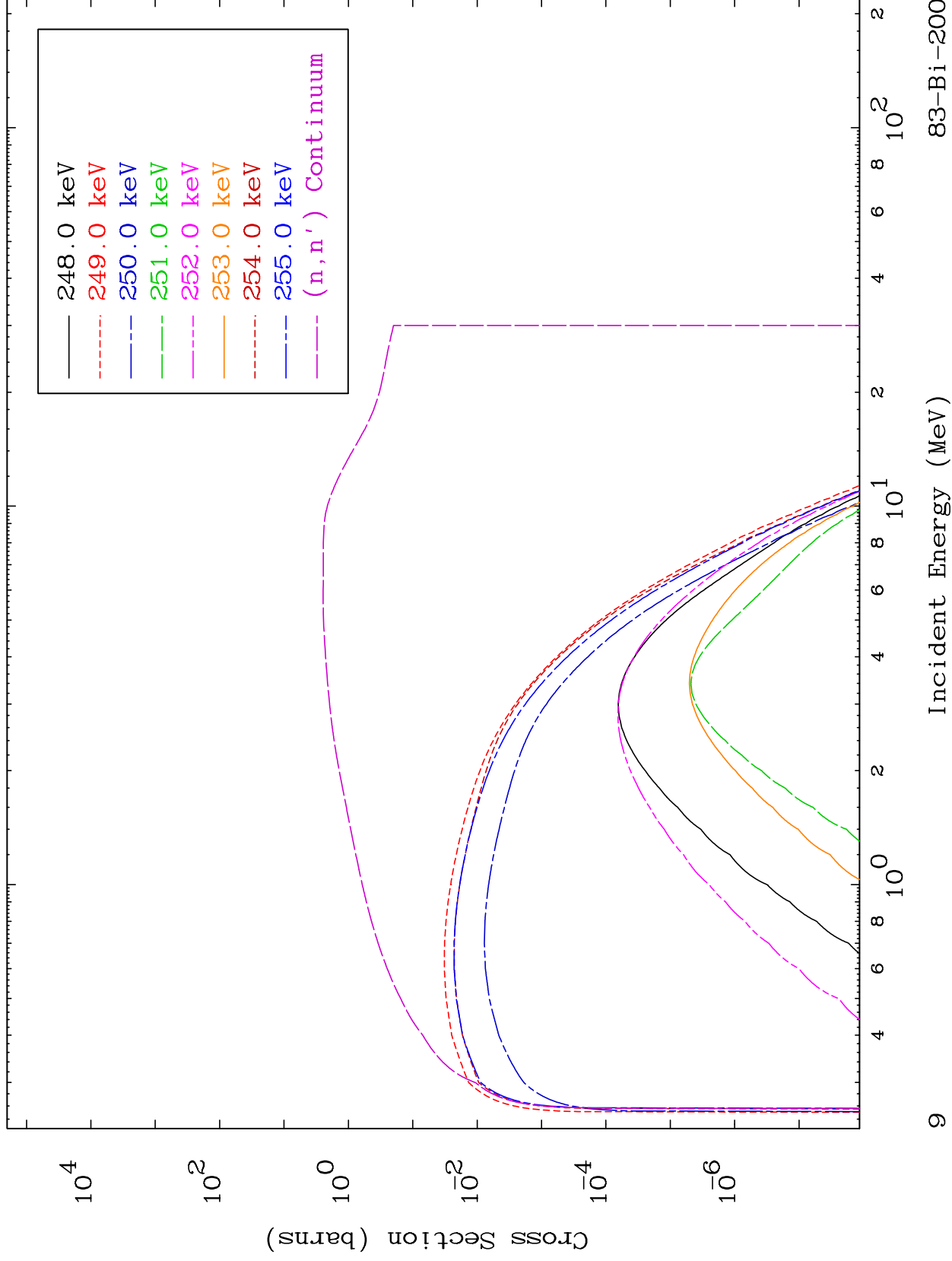
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,n') Level
293 Kelvin Cross Sections

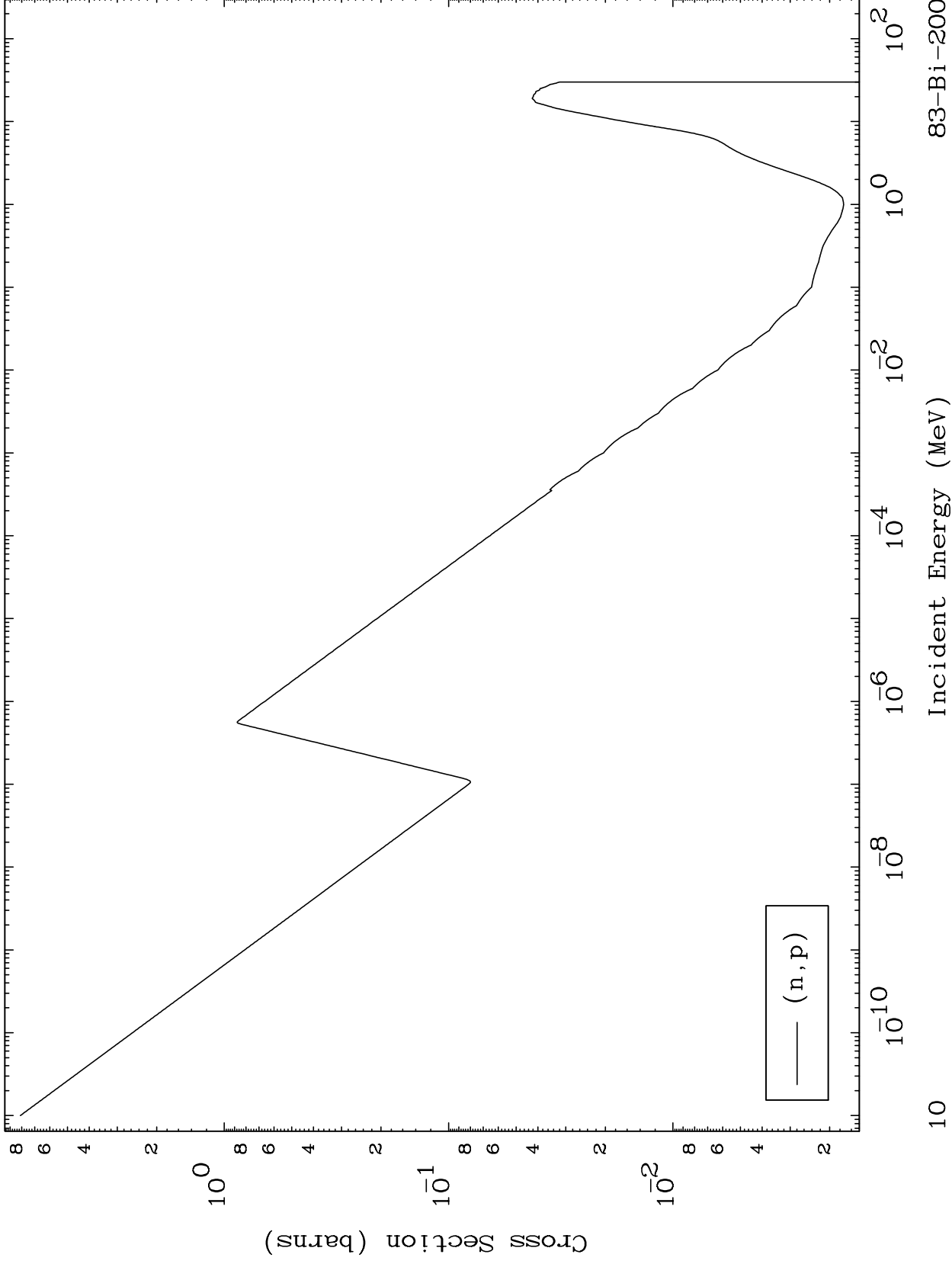
83-Bi-200



MAT 8299

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-200



10

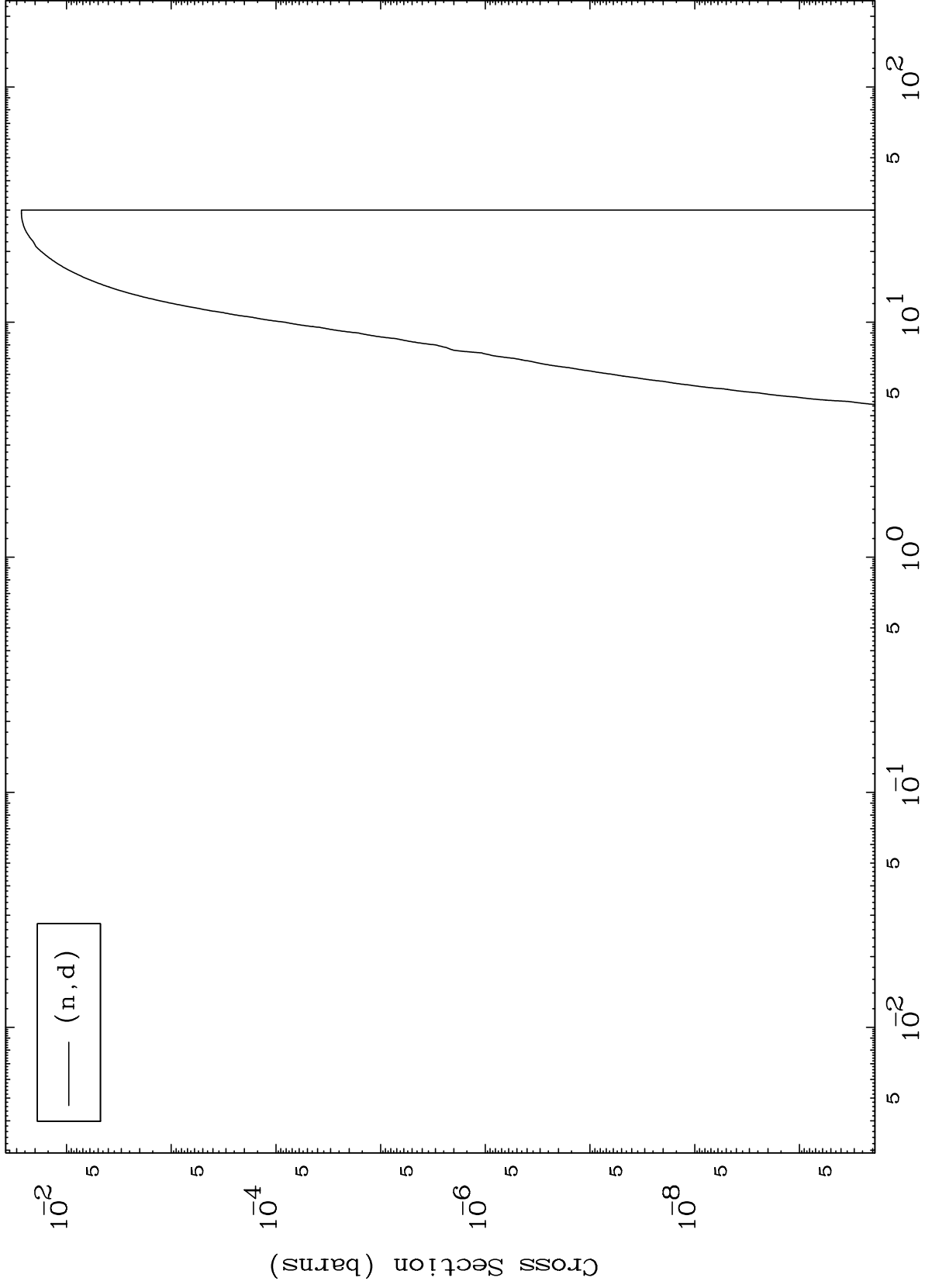
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-200



11

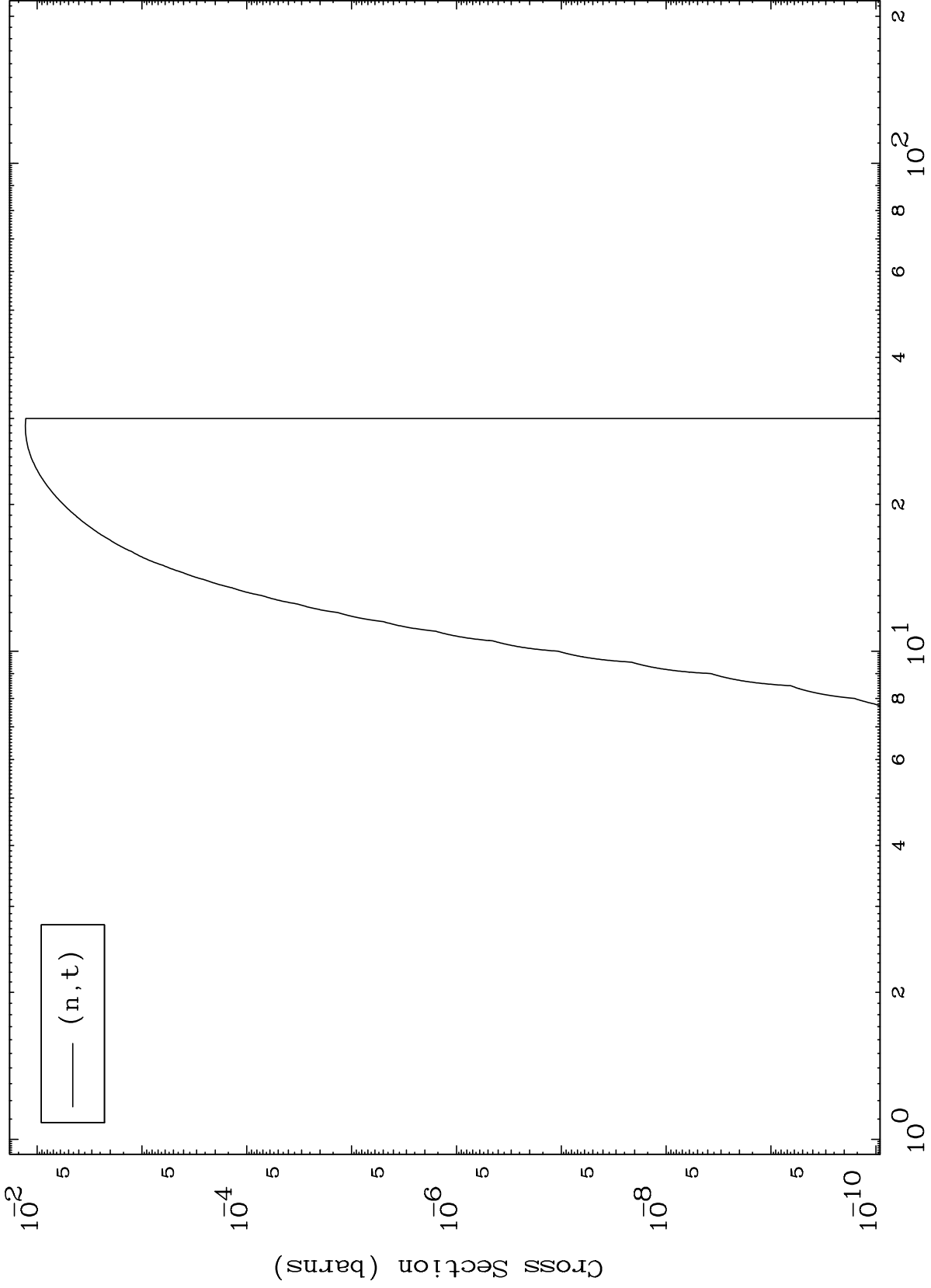
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-200



12

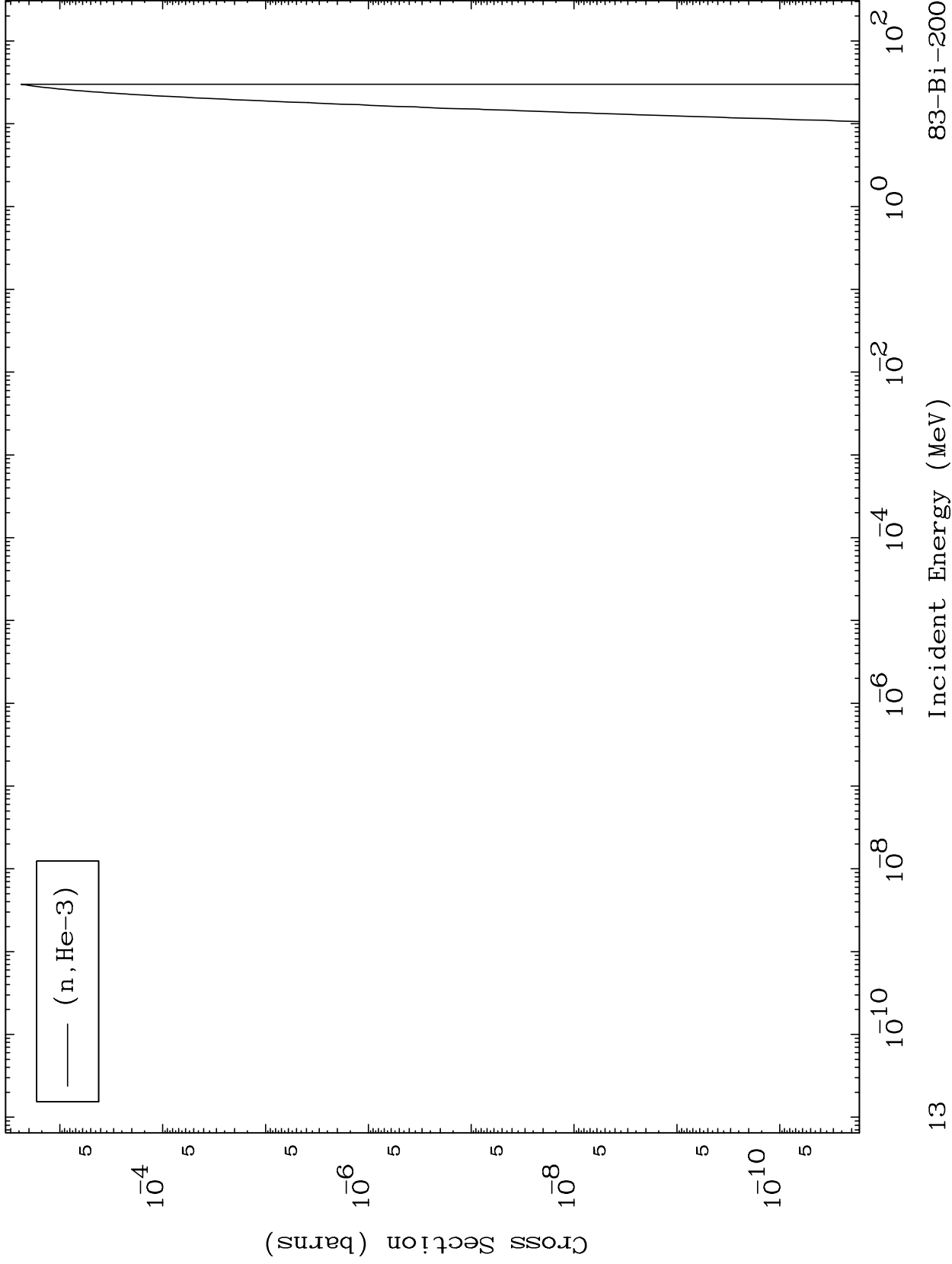
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,He3) Levels
293 Kelvin Cross Sections

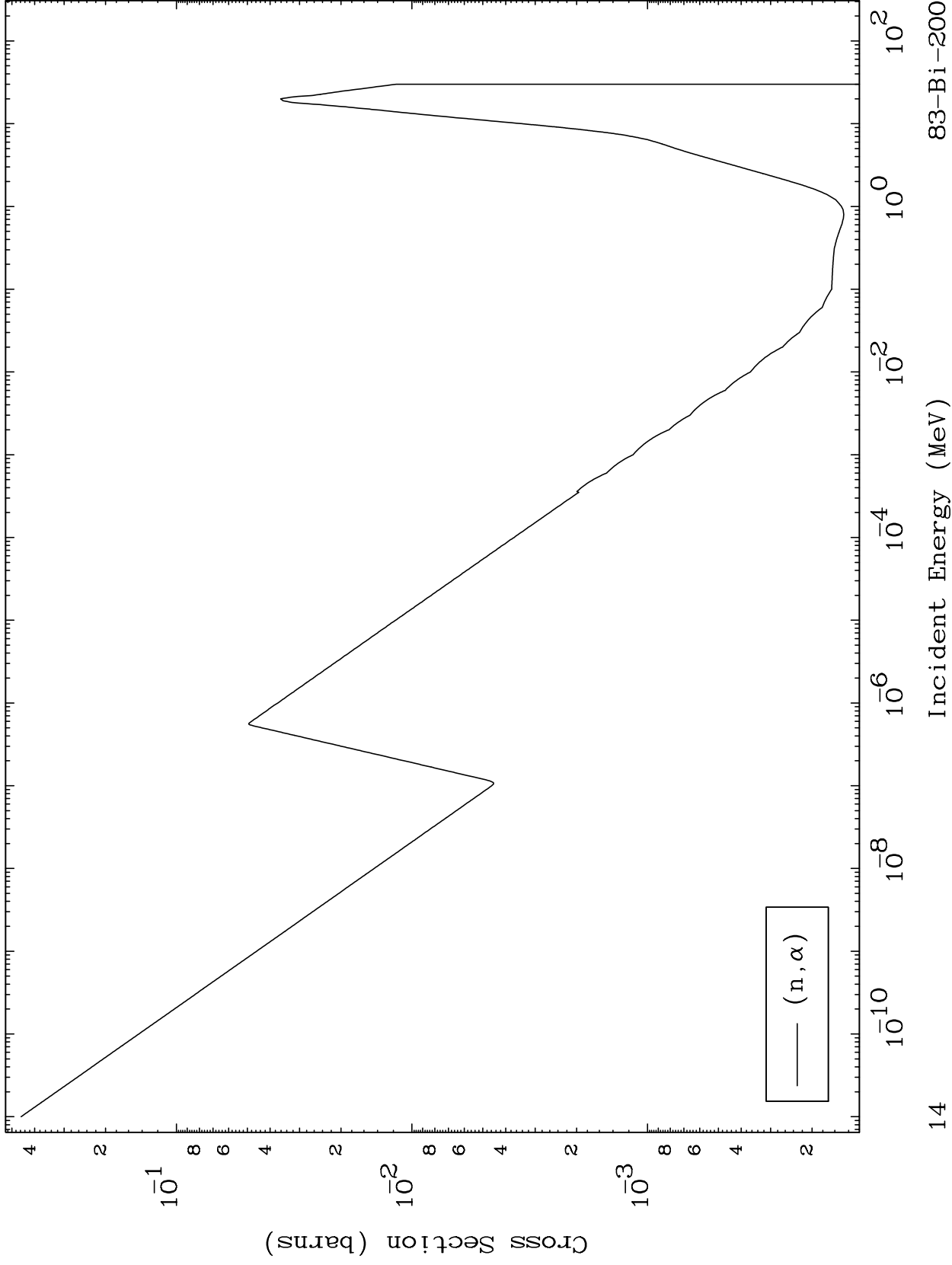
83-Bi-200



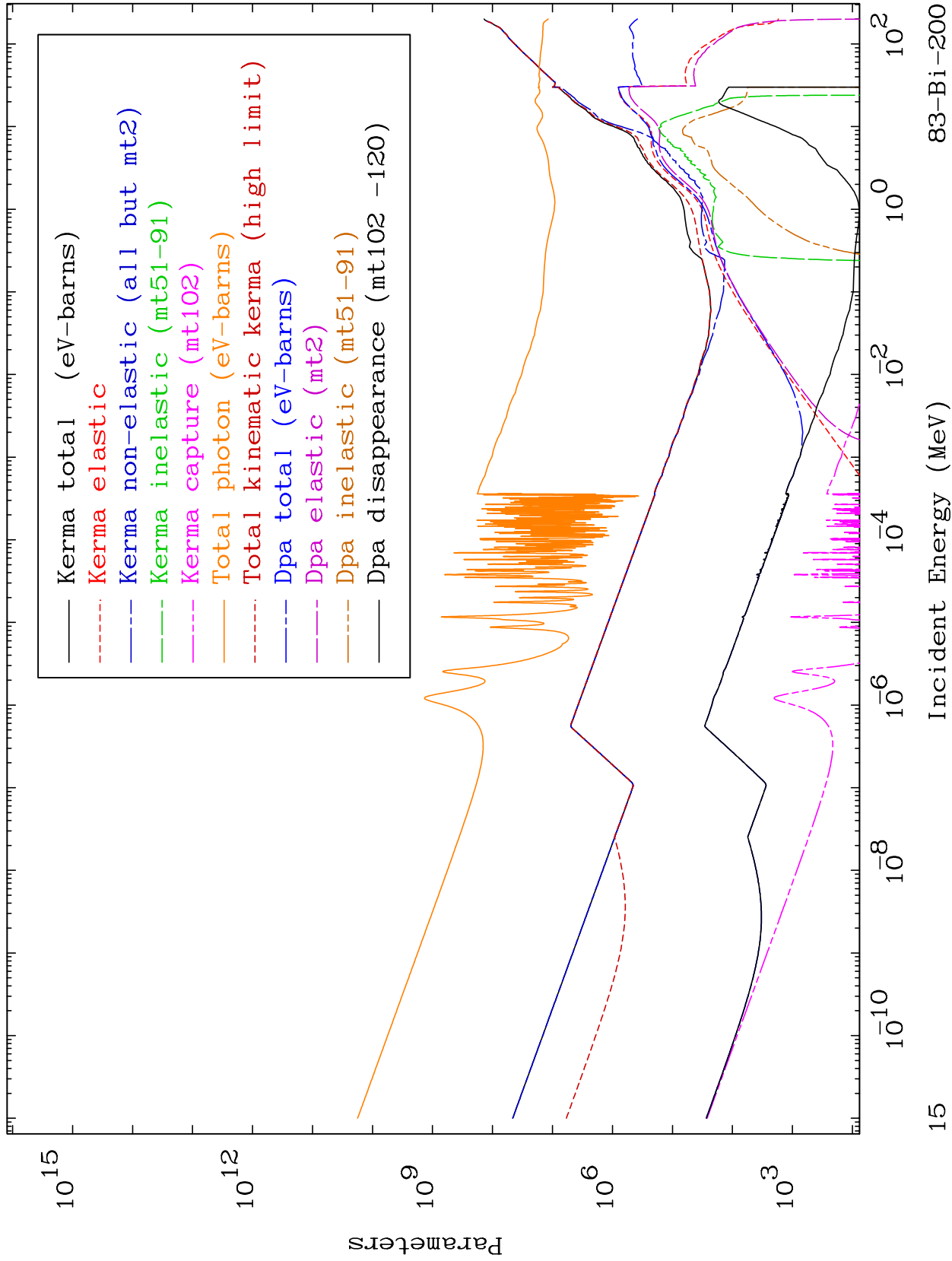
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(n,α) Levels
293 Kelvin Cross Sections

83-Bi-200



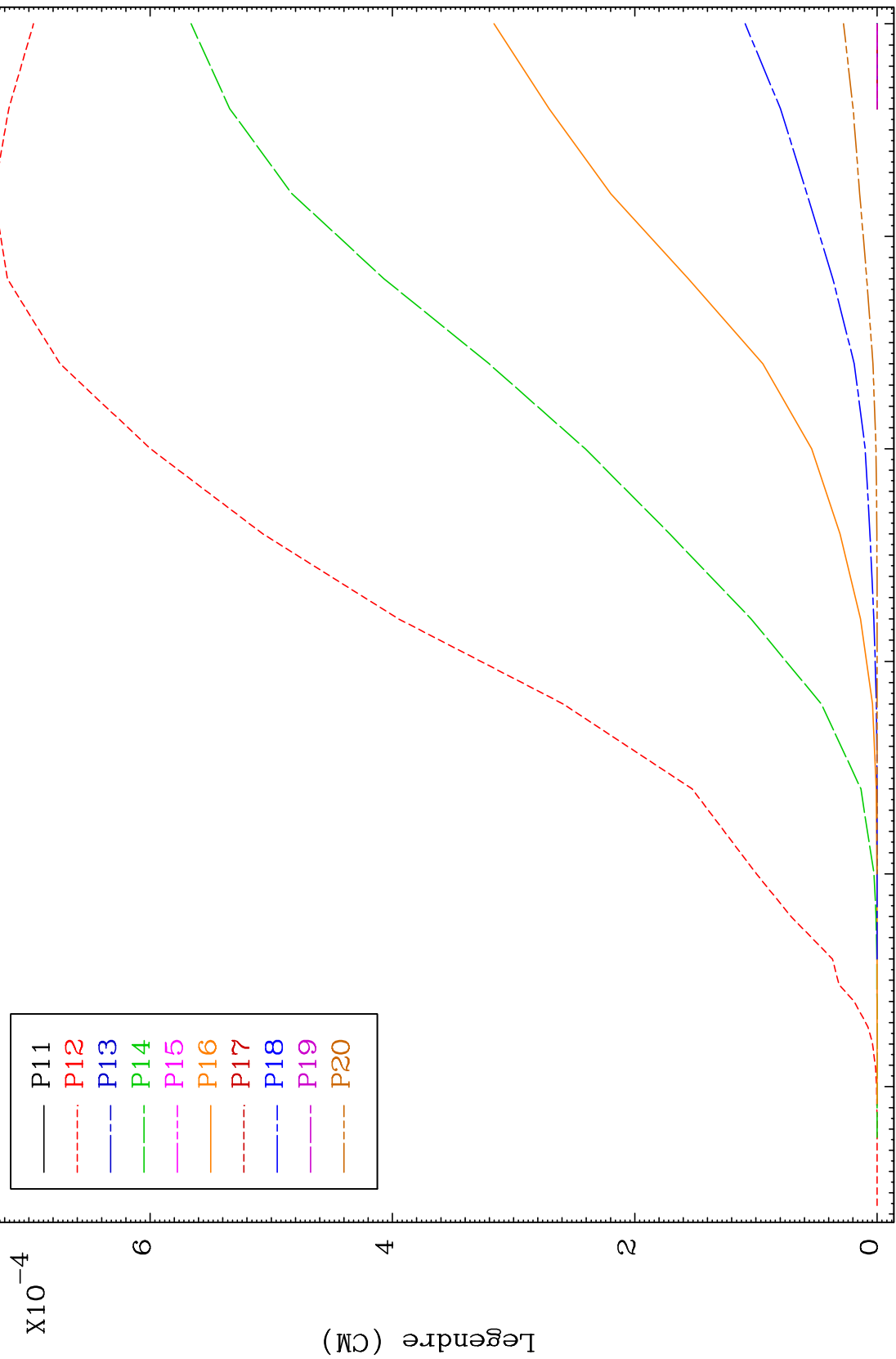
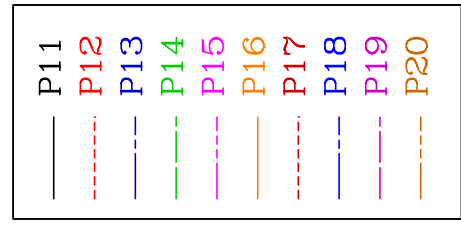
14



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Elastic Legendre Coefficients

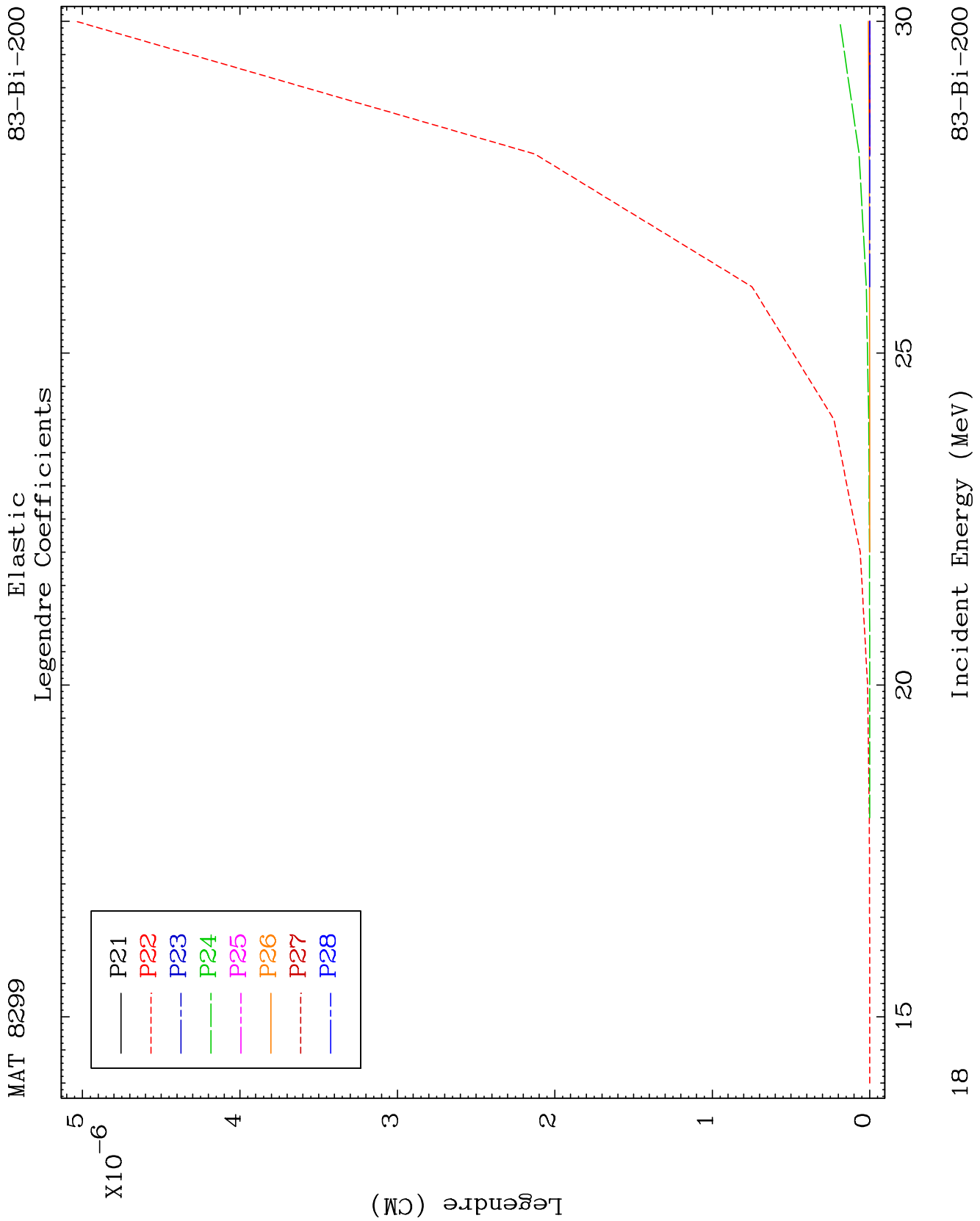
83-Bi-200



17

Incident Energy (MeV)

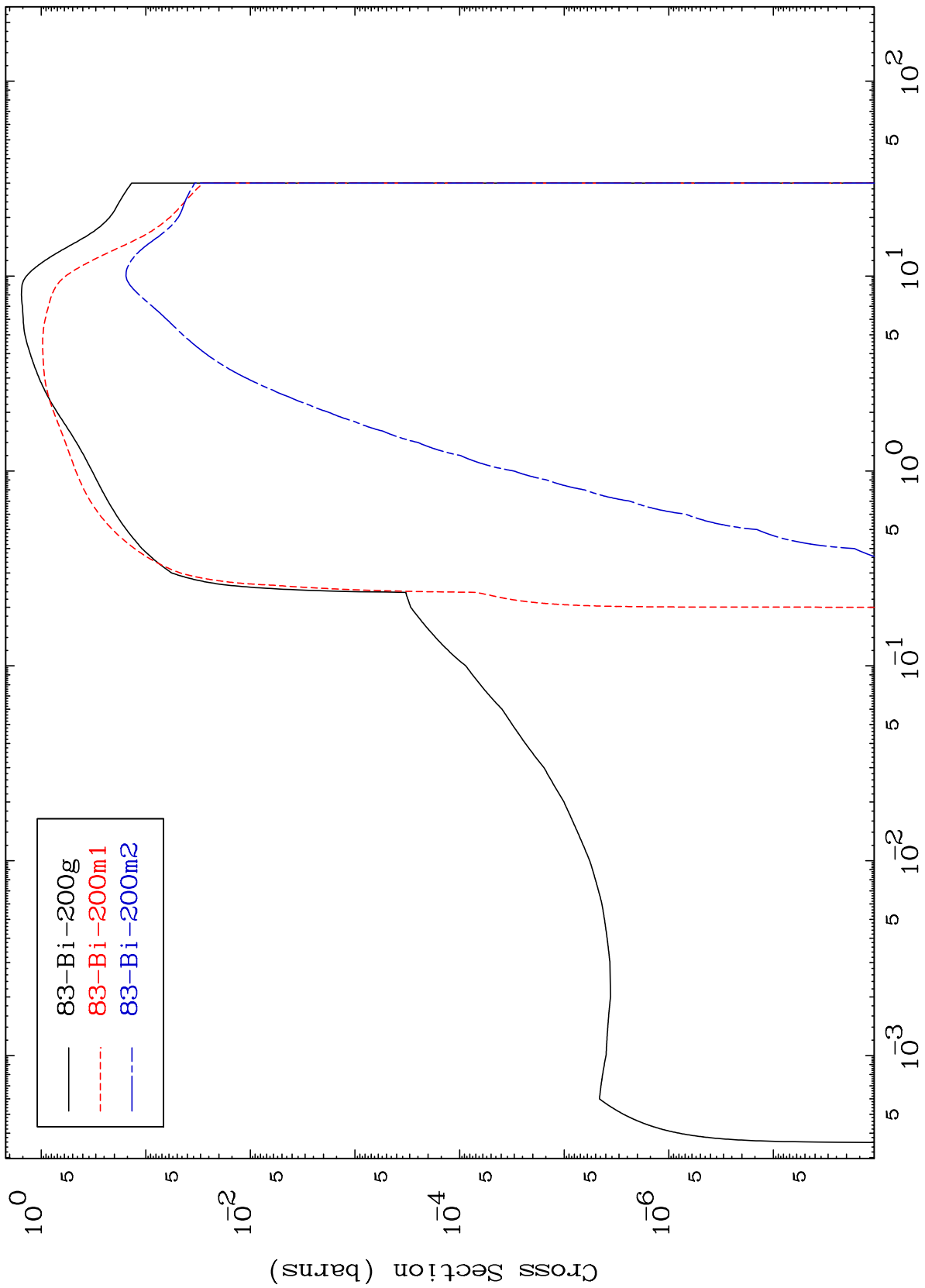
83-Bi-200



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83-Bi-200

Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

19

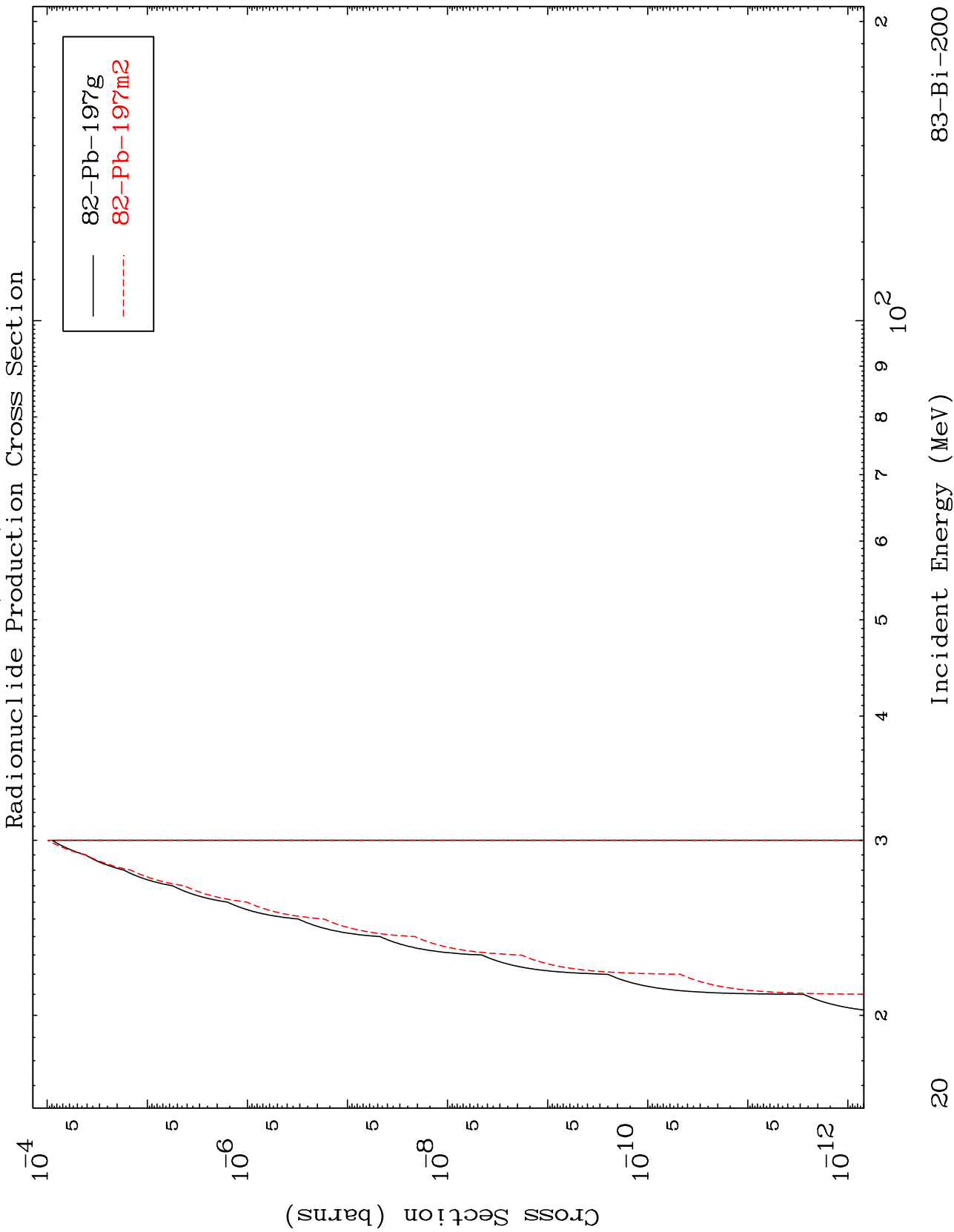
83-Bi-200

Incident Energy (MeV)

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(n,2n) d

83-Bi-200



20

Incident Energy (MeV)

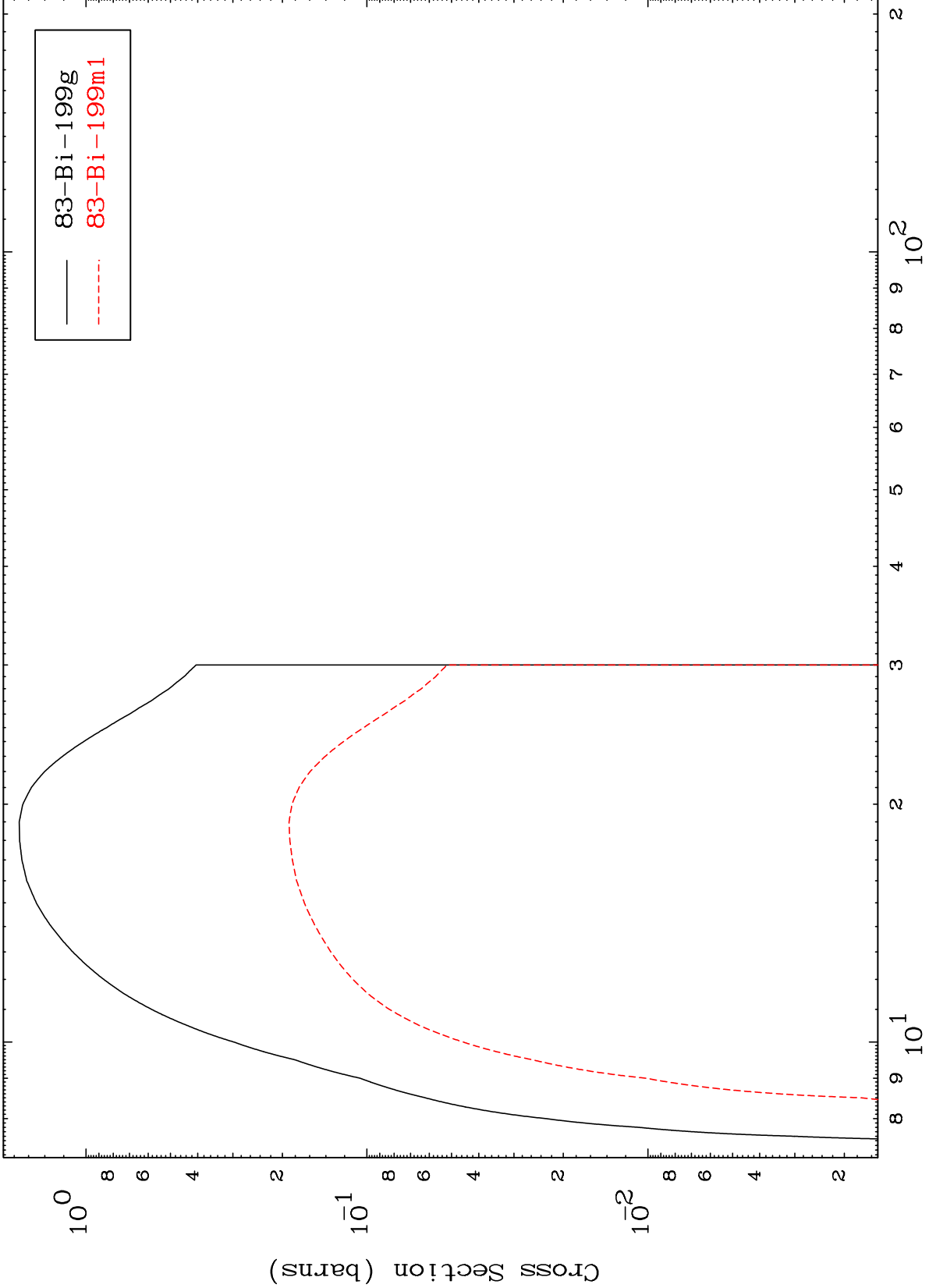
83-Bi-200

MAT 8299

(n,2n)

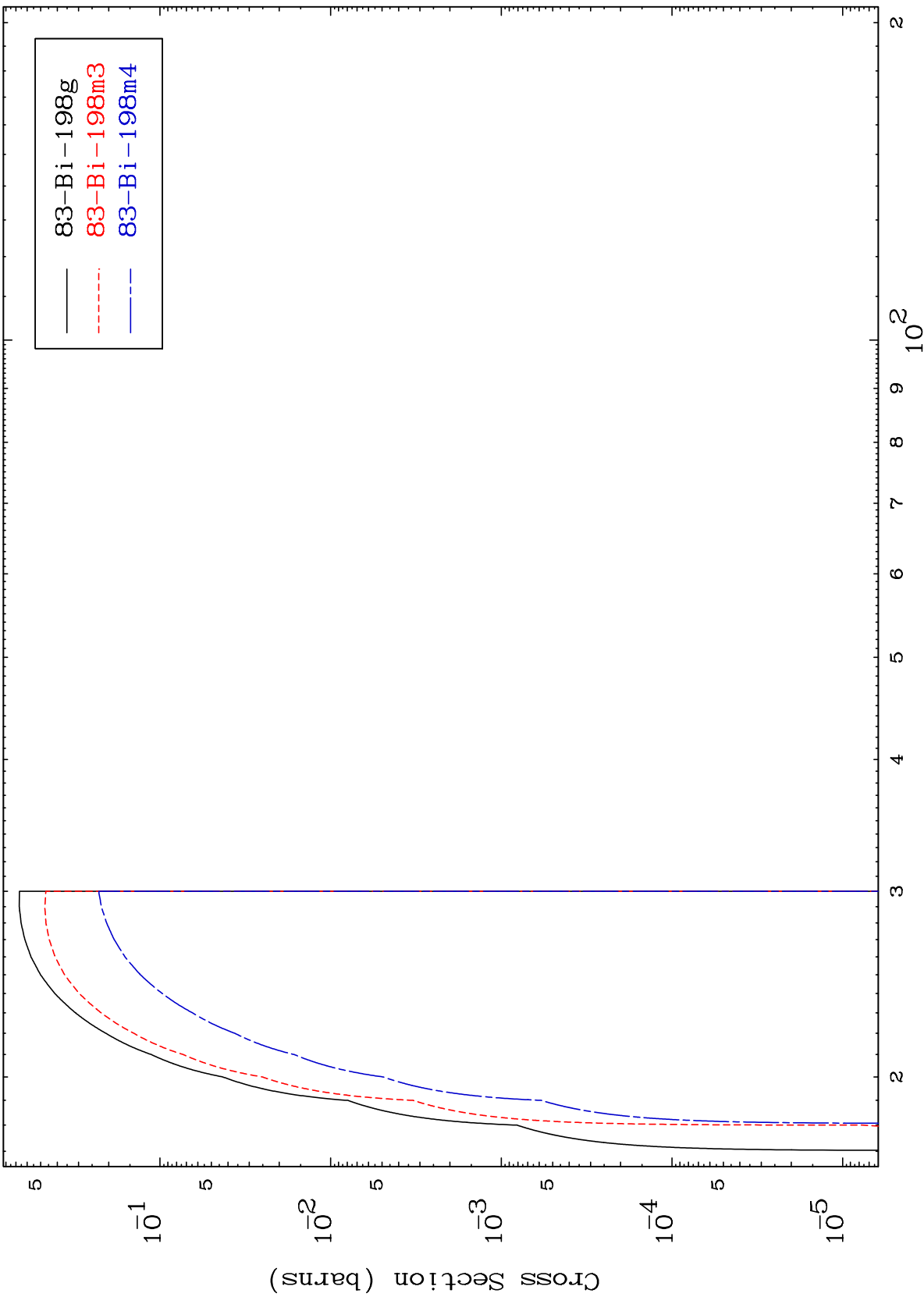
83-Bi-200

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

(n,3n)
Radionuclide Production Cross Section

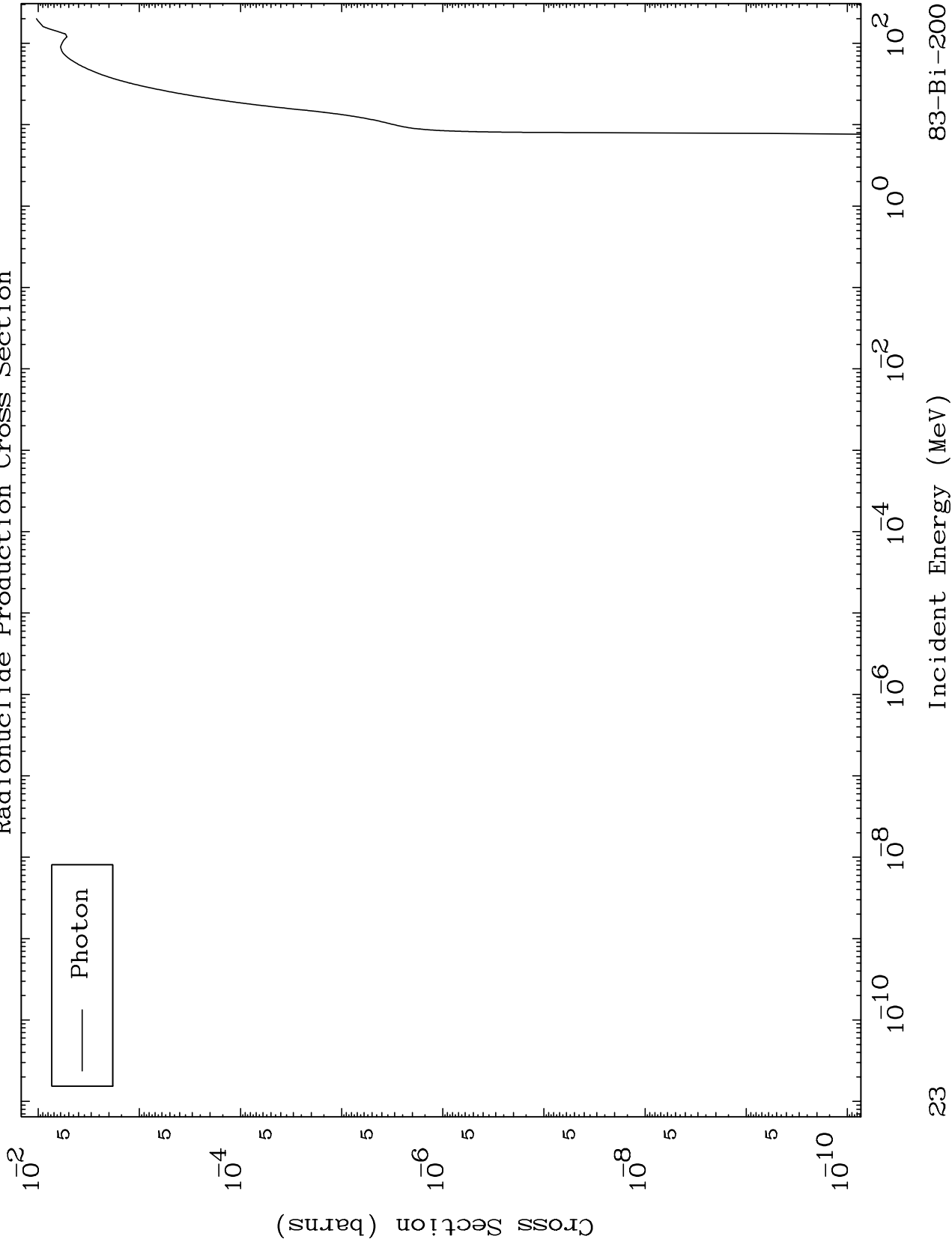


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Fission

⁸³Bi-200

Radionuclide Production Cross Section

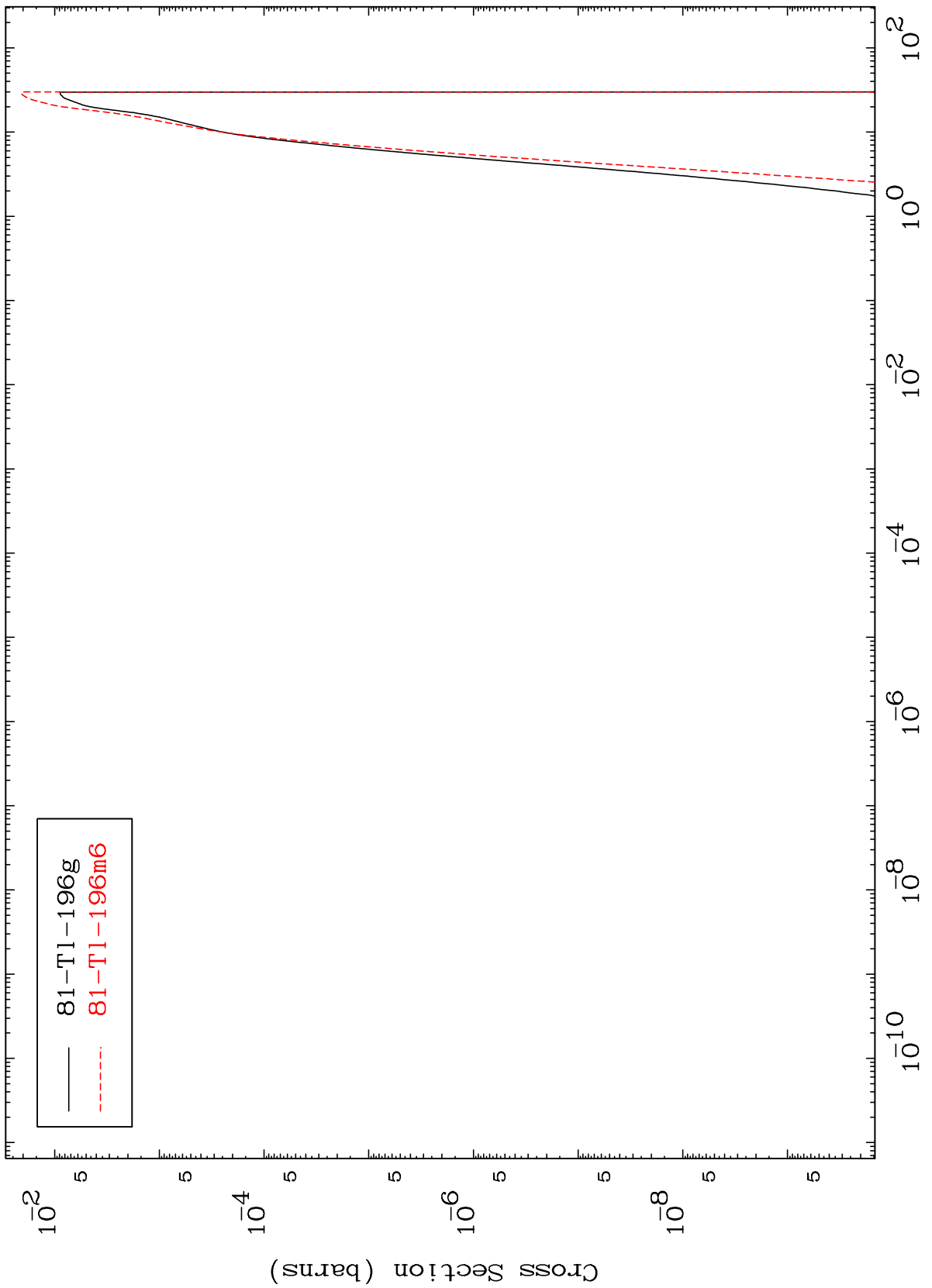


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$(n, n') \alpha$

83-Bi-200

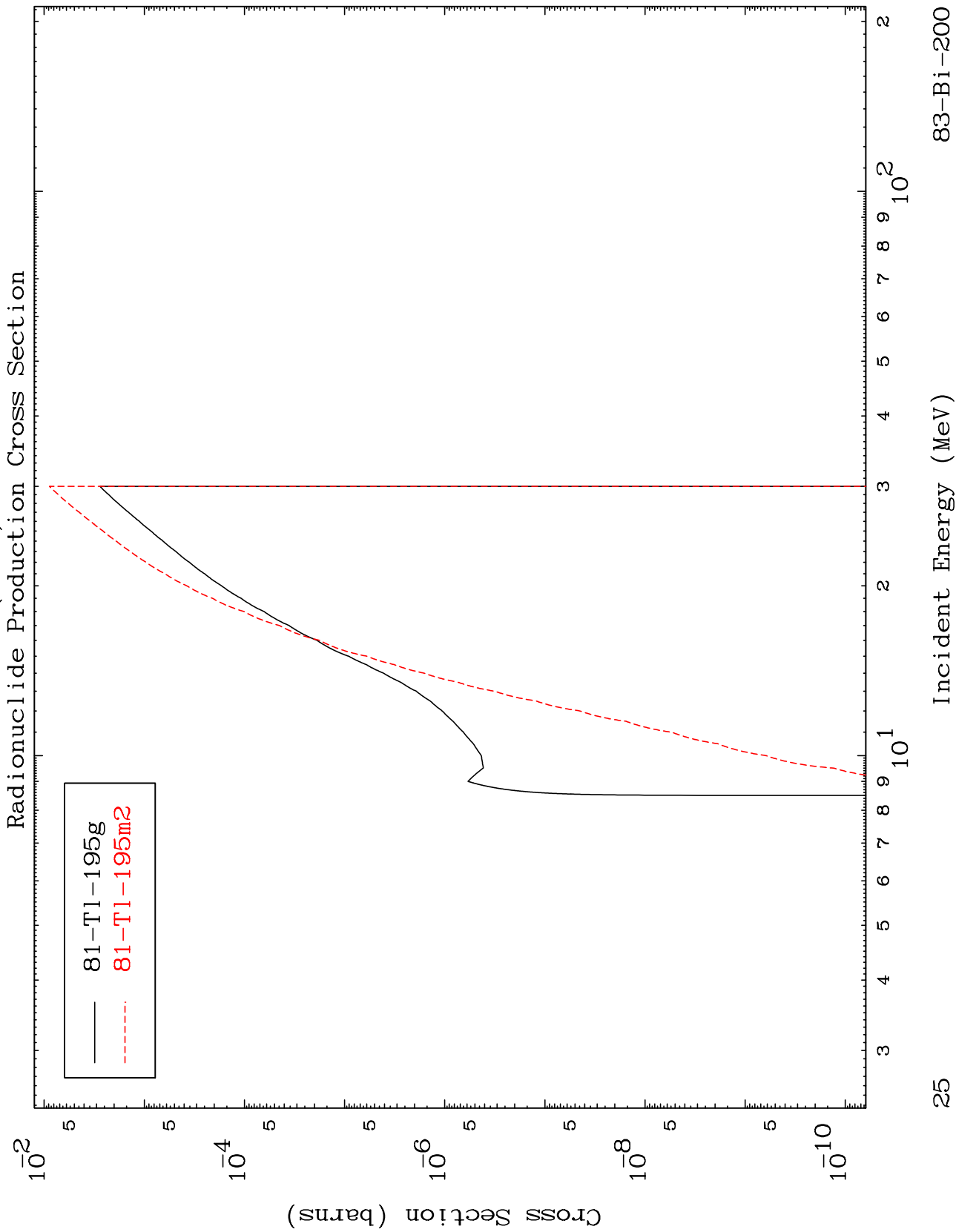
Radionuclide Production Cross Section



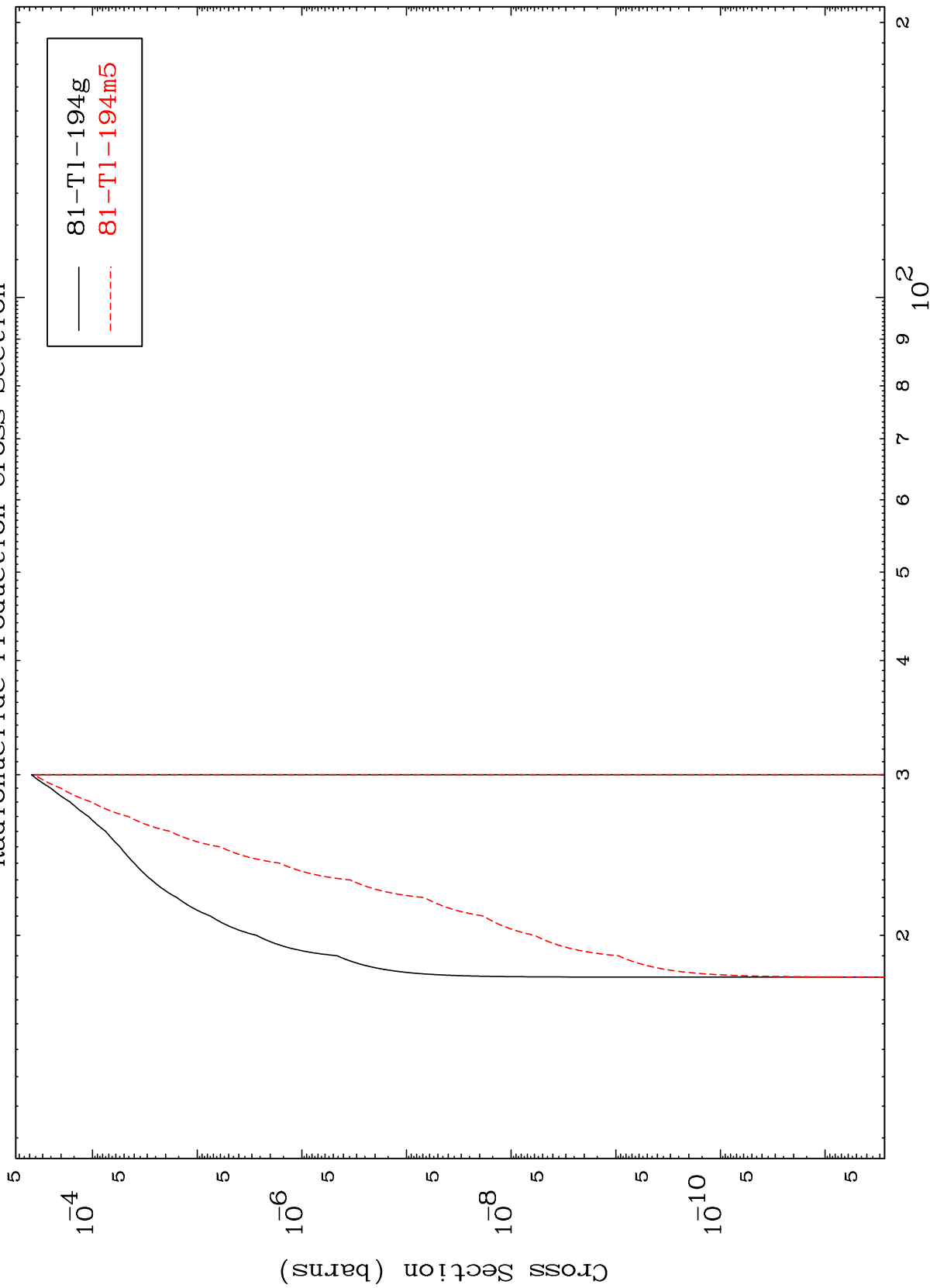
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(n,2n) α

83-Bi-200



Radionuclide Production Cross Section

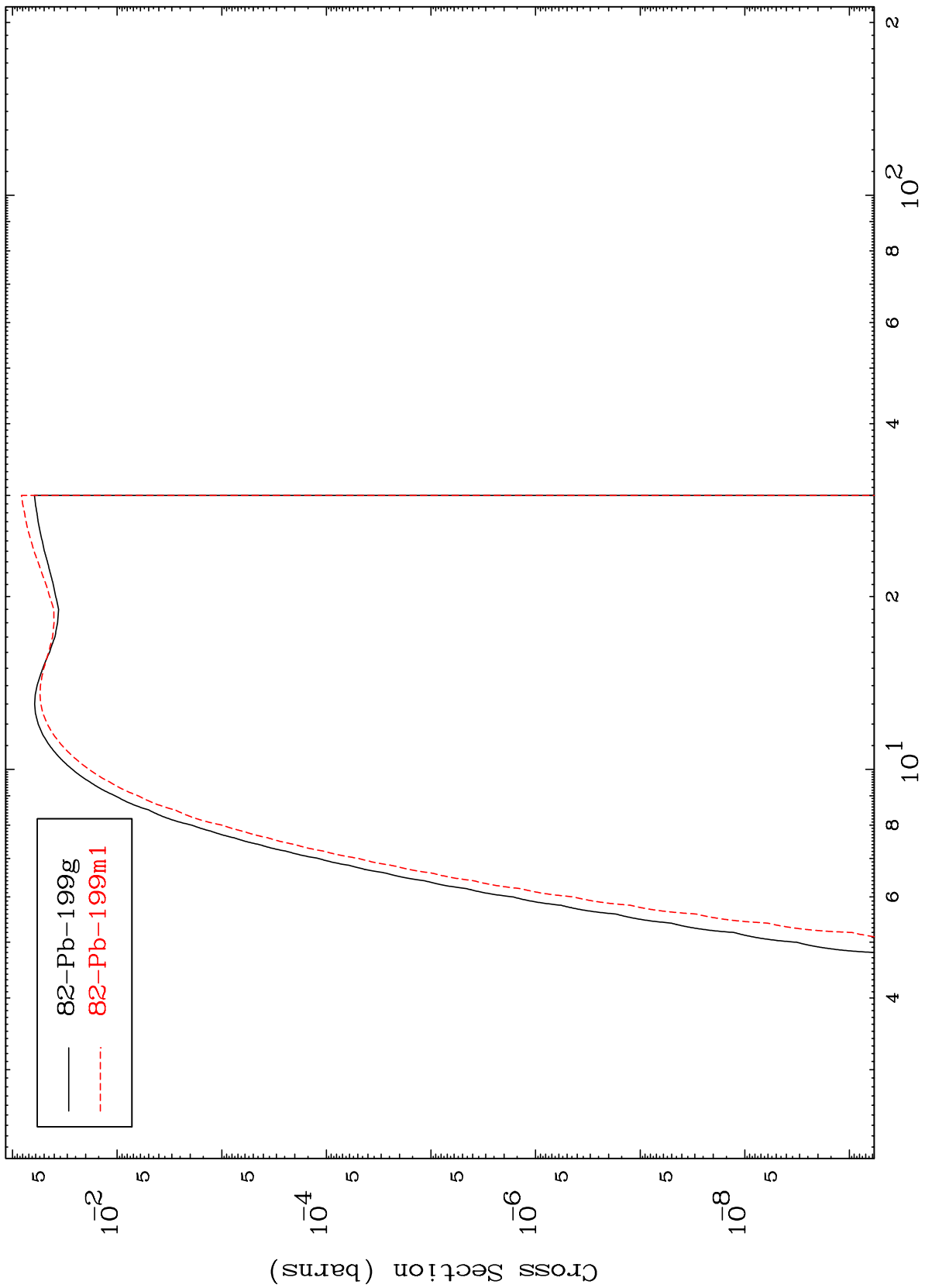


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(n,n') p

83-Bi-200

Radionuclide Production Cross Section



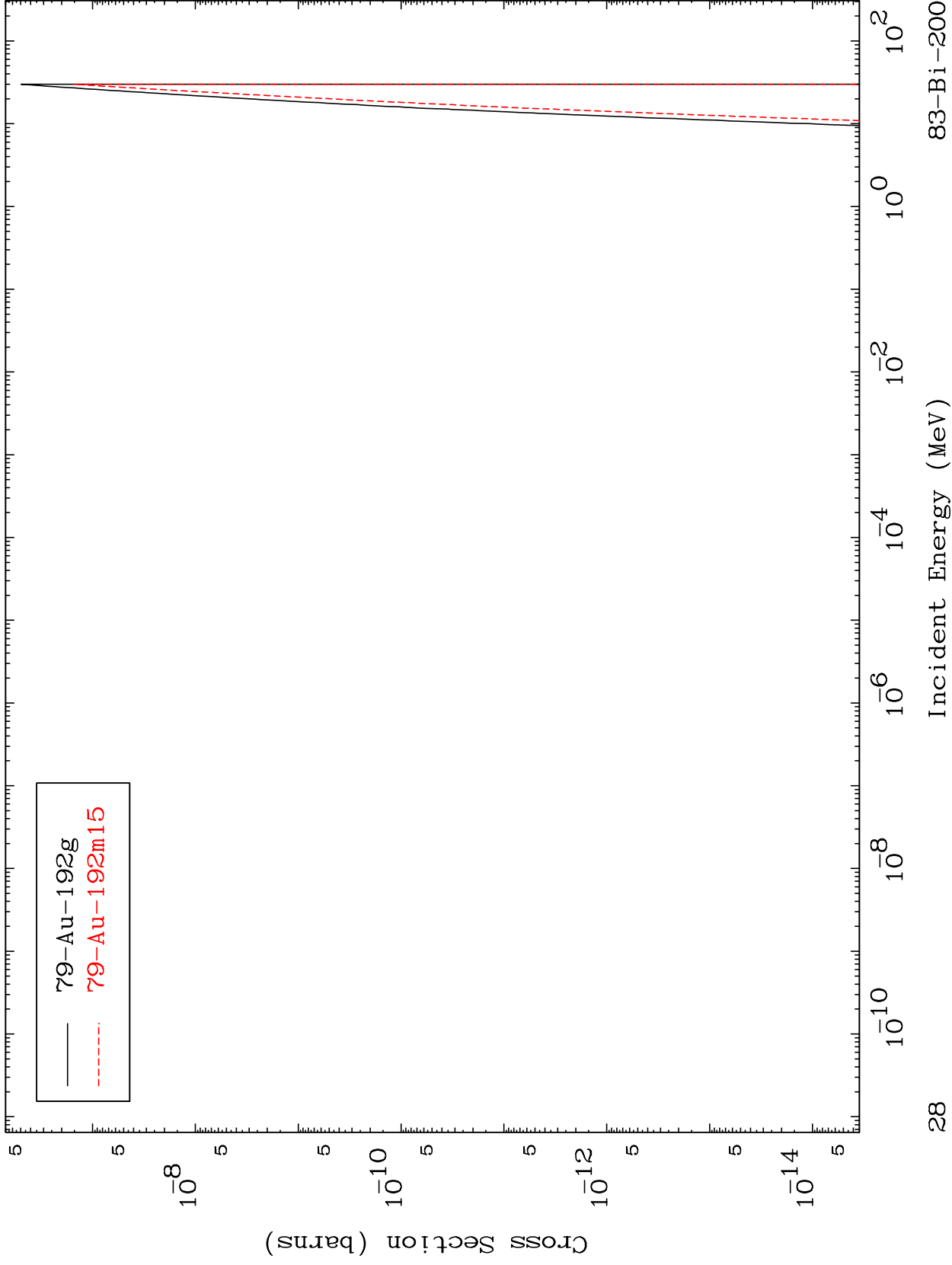
— 82-Pb-199g
- - - 82-Pb-199m1

MAT 8299

(n,n') 2 α

83-Bi-200

Radionuclide Production Cross Section

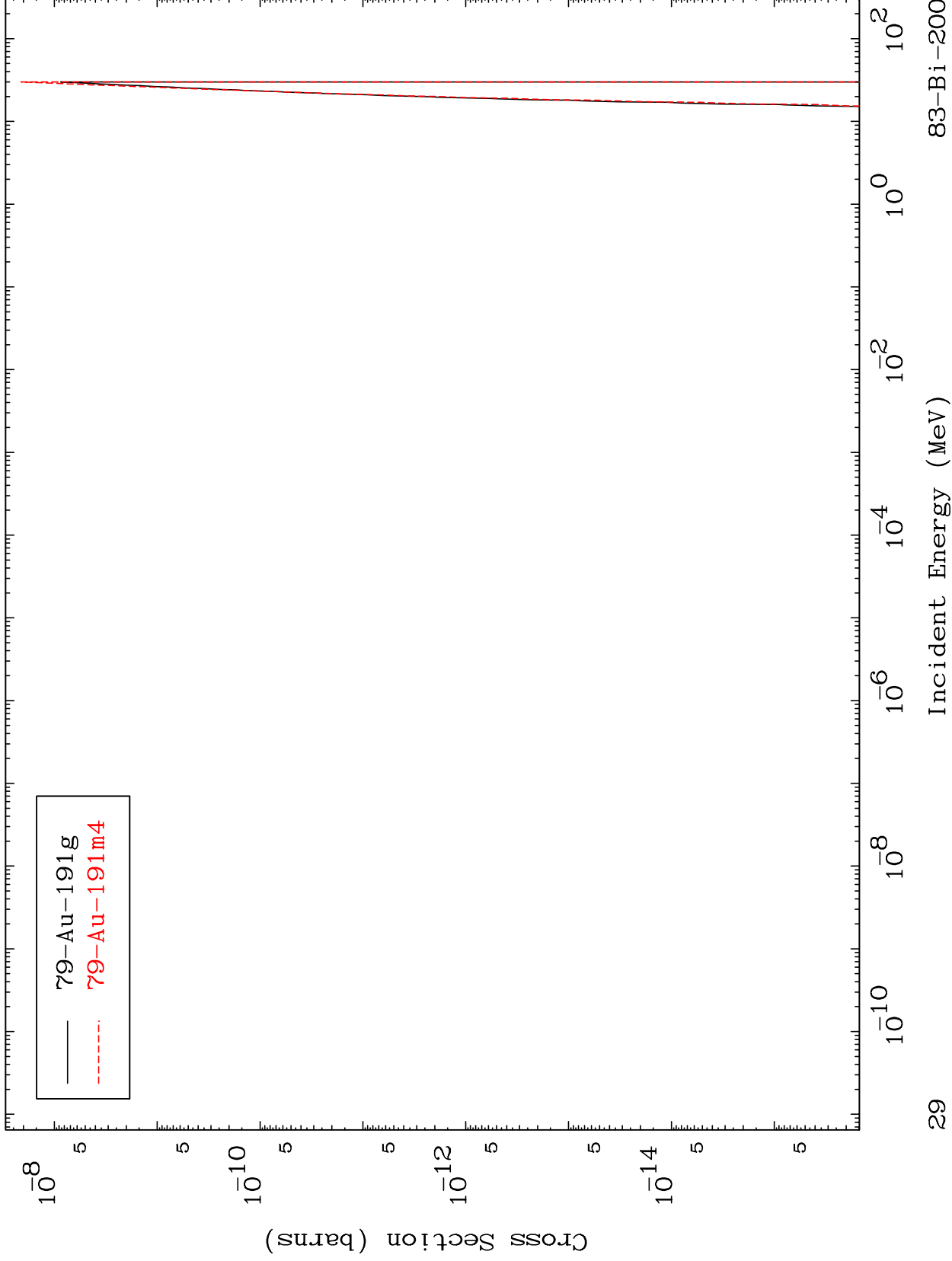


MAT 8299

(n,2n) 2α

83-Bi-200

Radionuclide Production Cross Section

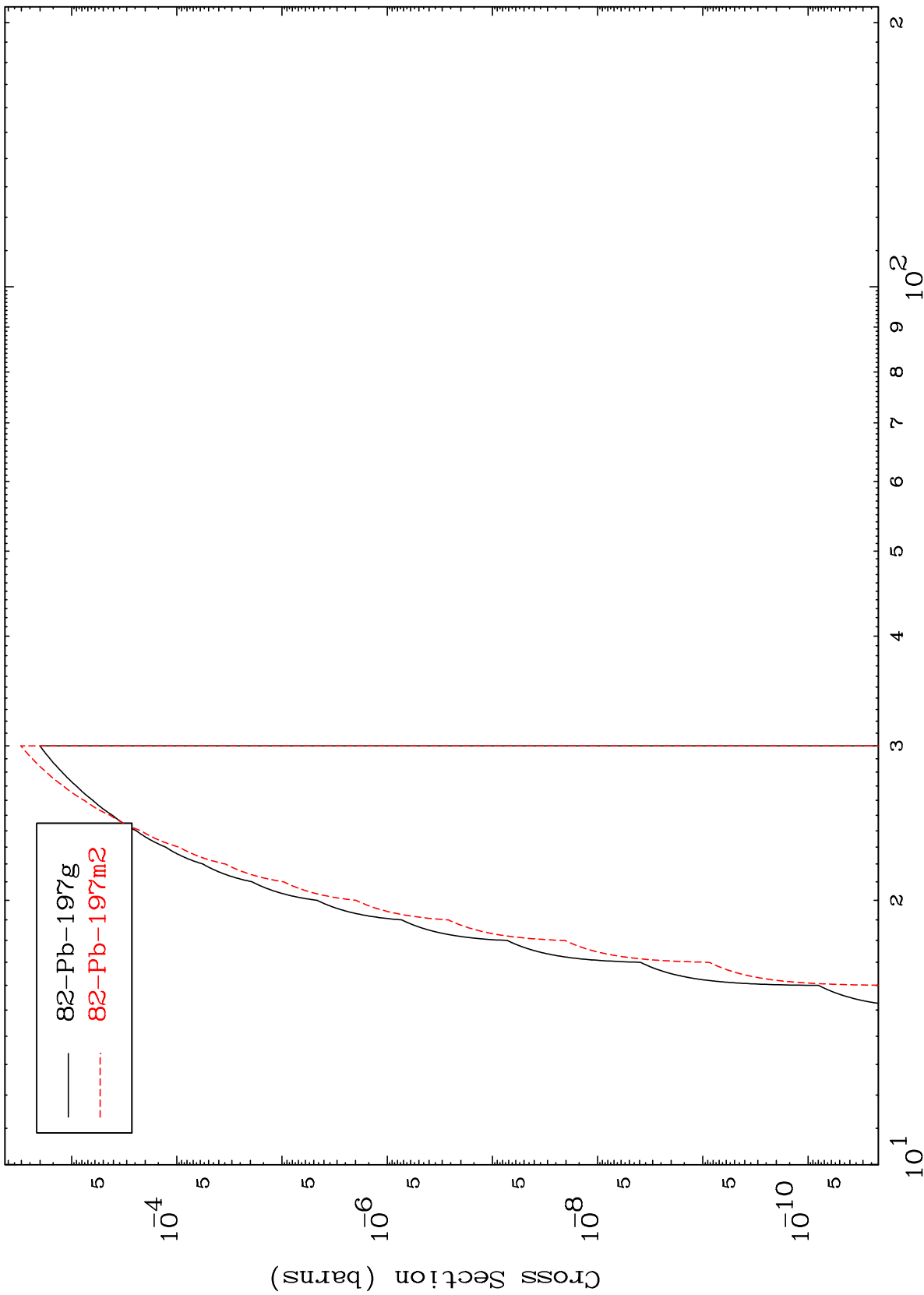


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(n,n') t

83-Bi-200

Radionuclide Production Cross Section



Incident Energy (MeV)

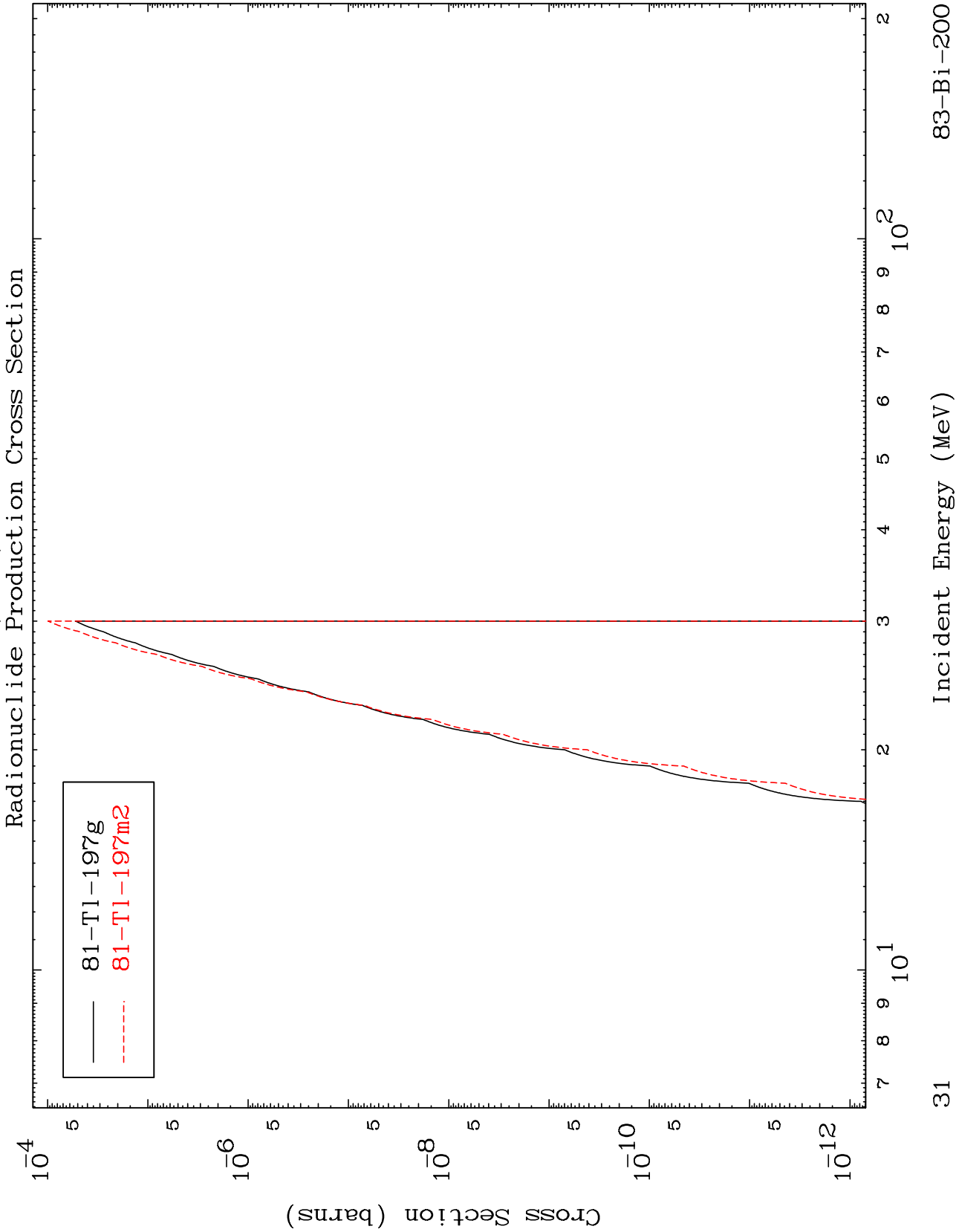
83-Bi-200

30

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(n,n') He-3

83-Bi-200



31

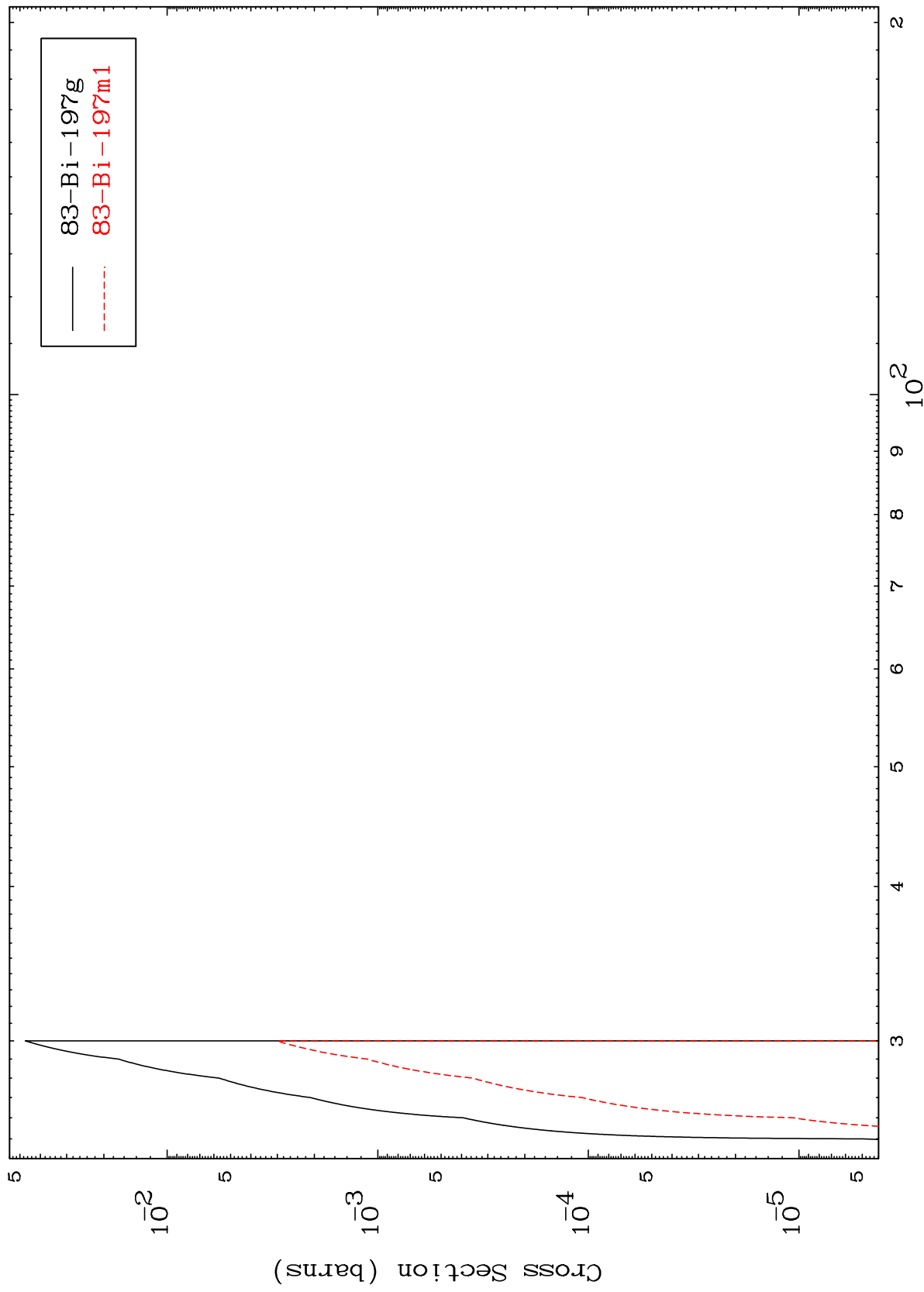
83-Bi-200

83-Bi-200

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83-Bi-200

(n,4n)
Radionuclide Production Cross Section



32

83-Bi-200

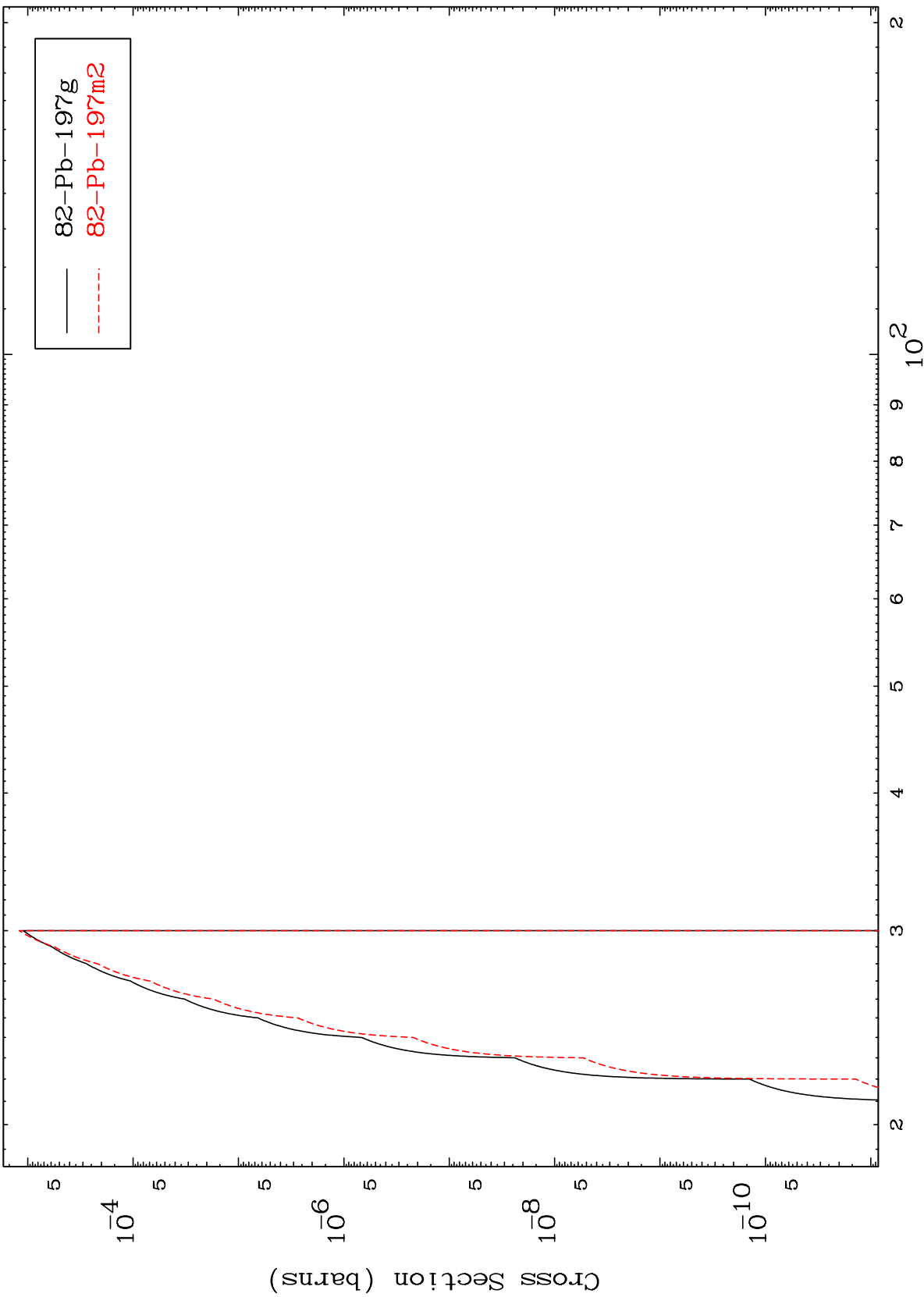
Incident Energy (MeV)

MAT 8299

(n,3n) p

83-Bi-200

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

33

Incident Energy (MeV)

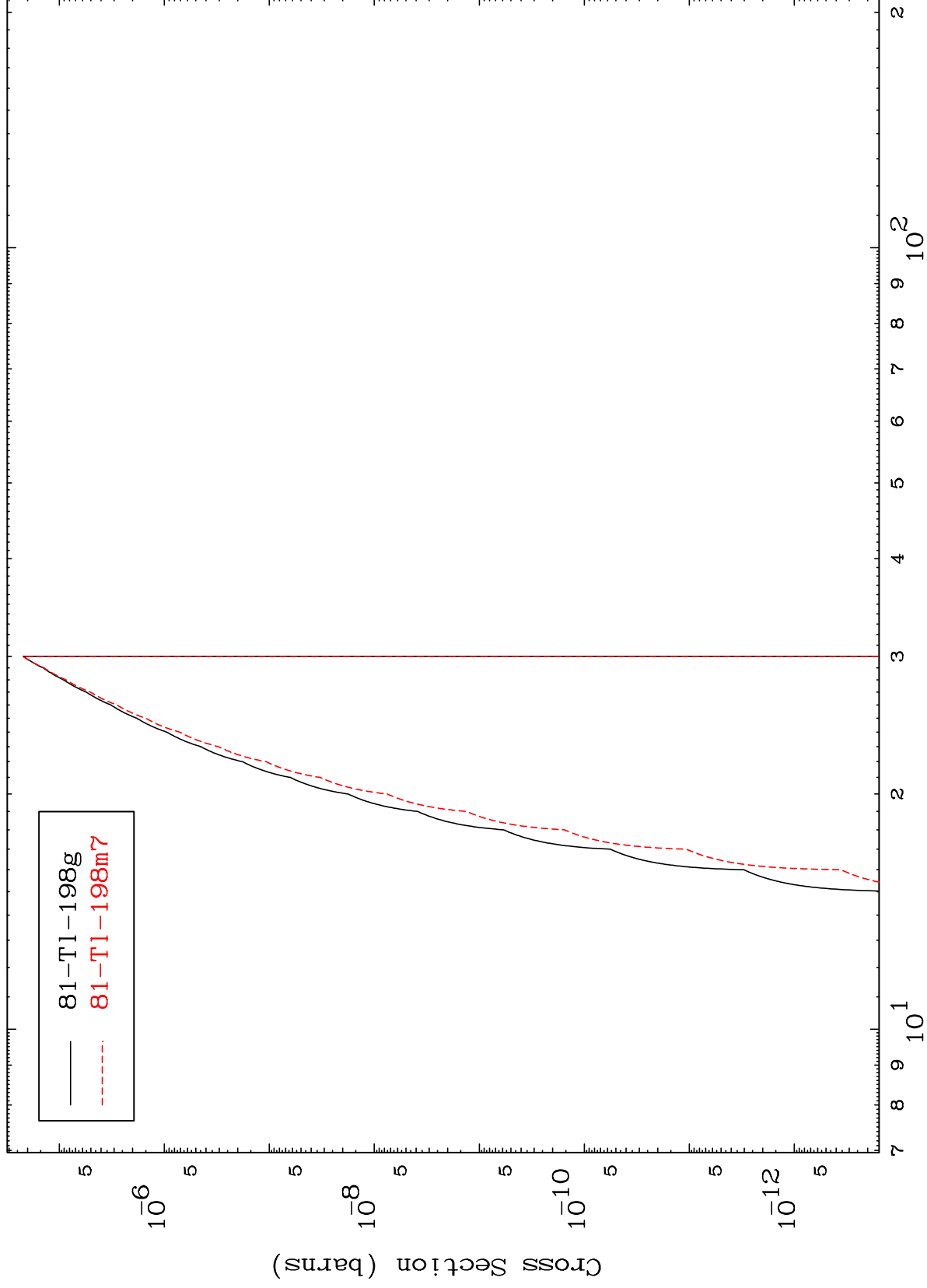
83-Bi-200

MAT 8299

(n,2n) p

83-Bi-200

Radionuclide Production Cross Section



81-Tl-198g
81-Tl-198m7

34

Incident Energy (MeV)

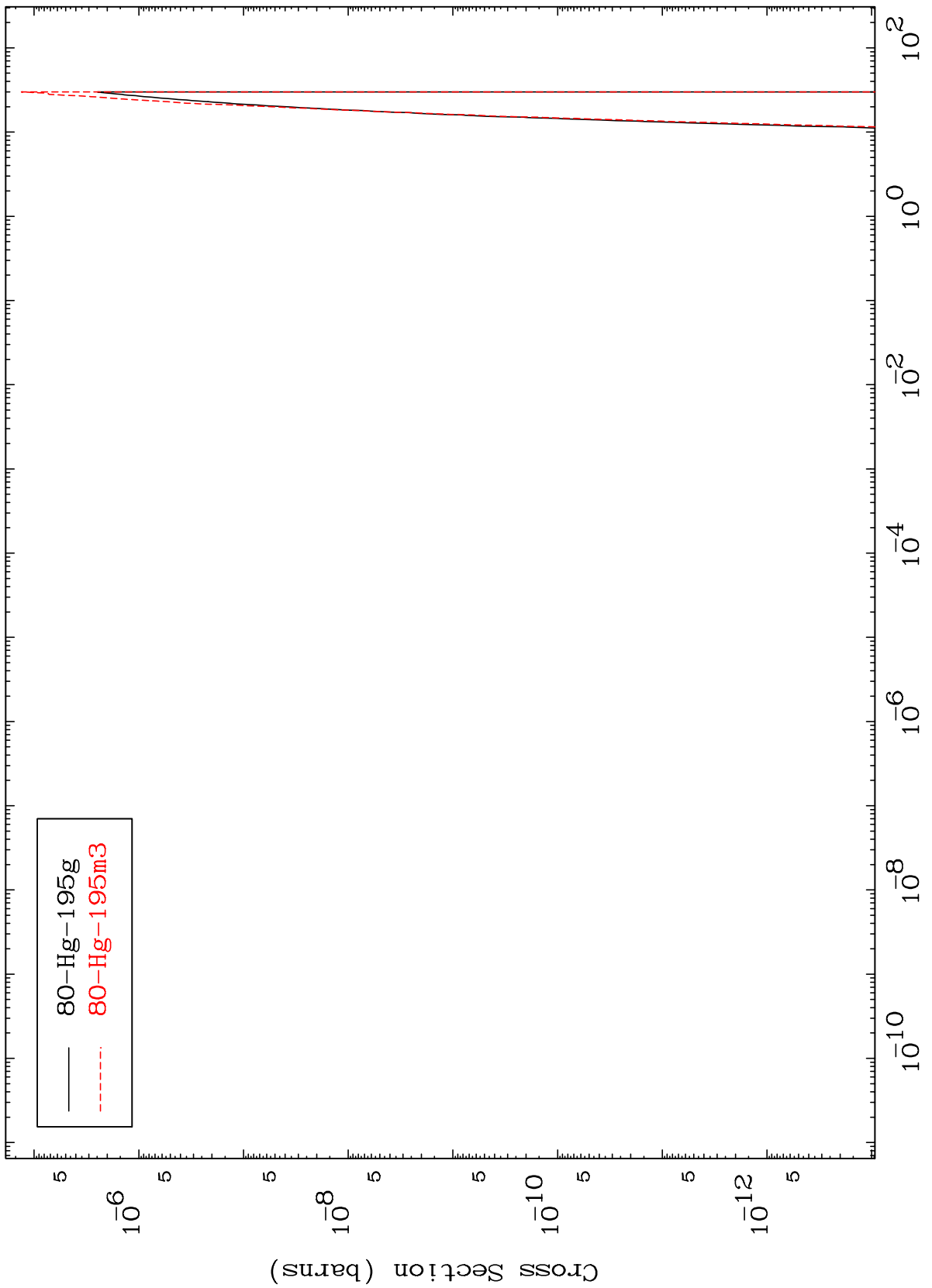
83-Bi-200

MAT 8299

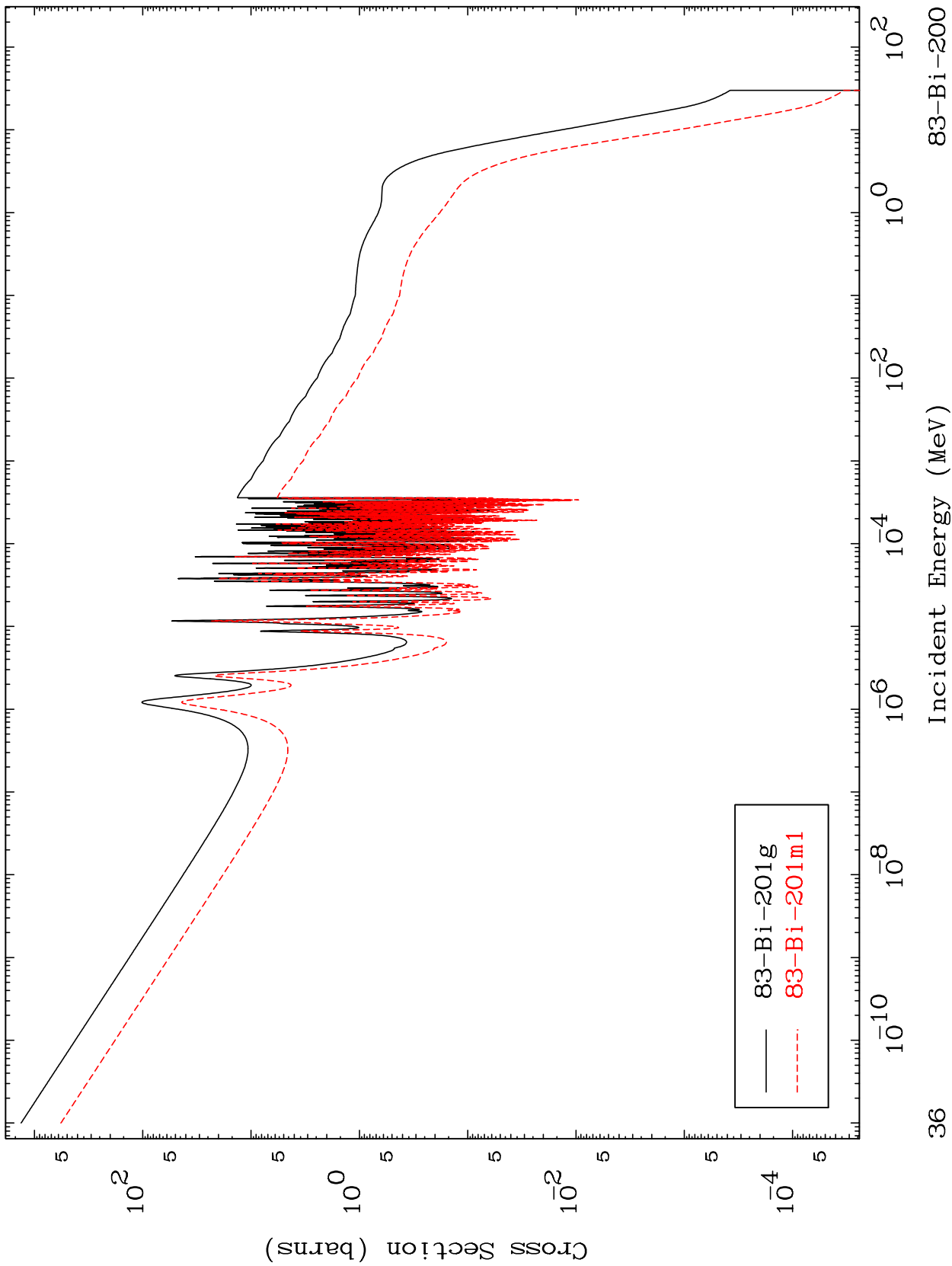
(n,n') p α

83-Bi-200

Radionuclide Production Cross Section



(n,γ)
Radionuclide Production Cross Section

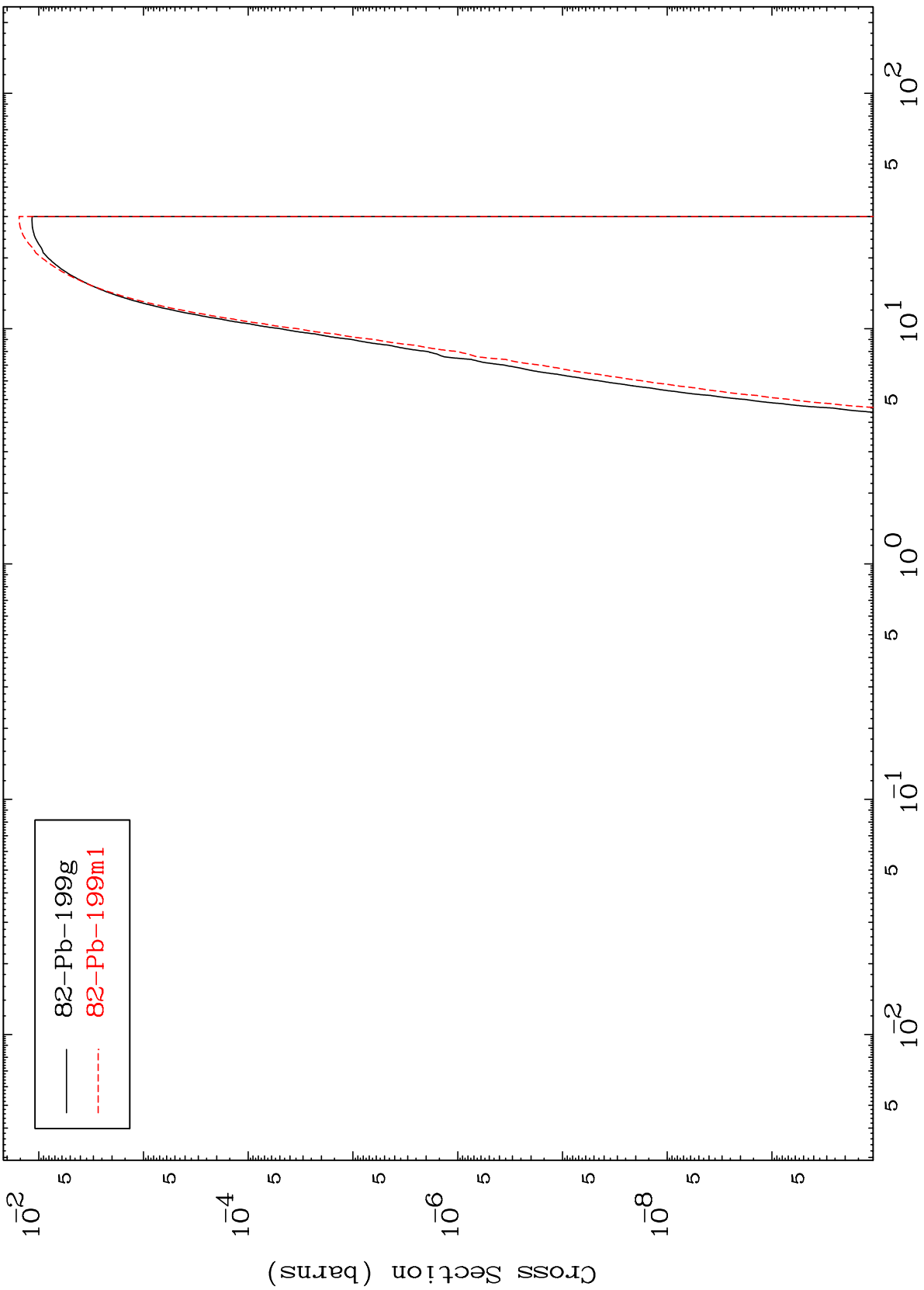


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(n,d)

83-Bi-200

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

37

Incident Energy (MeV)

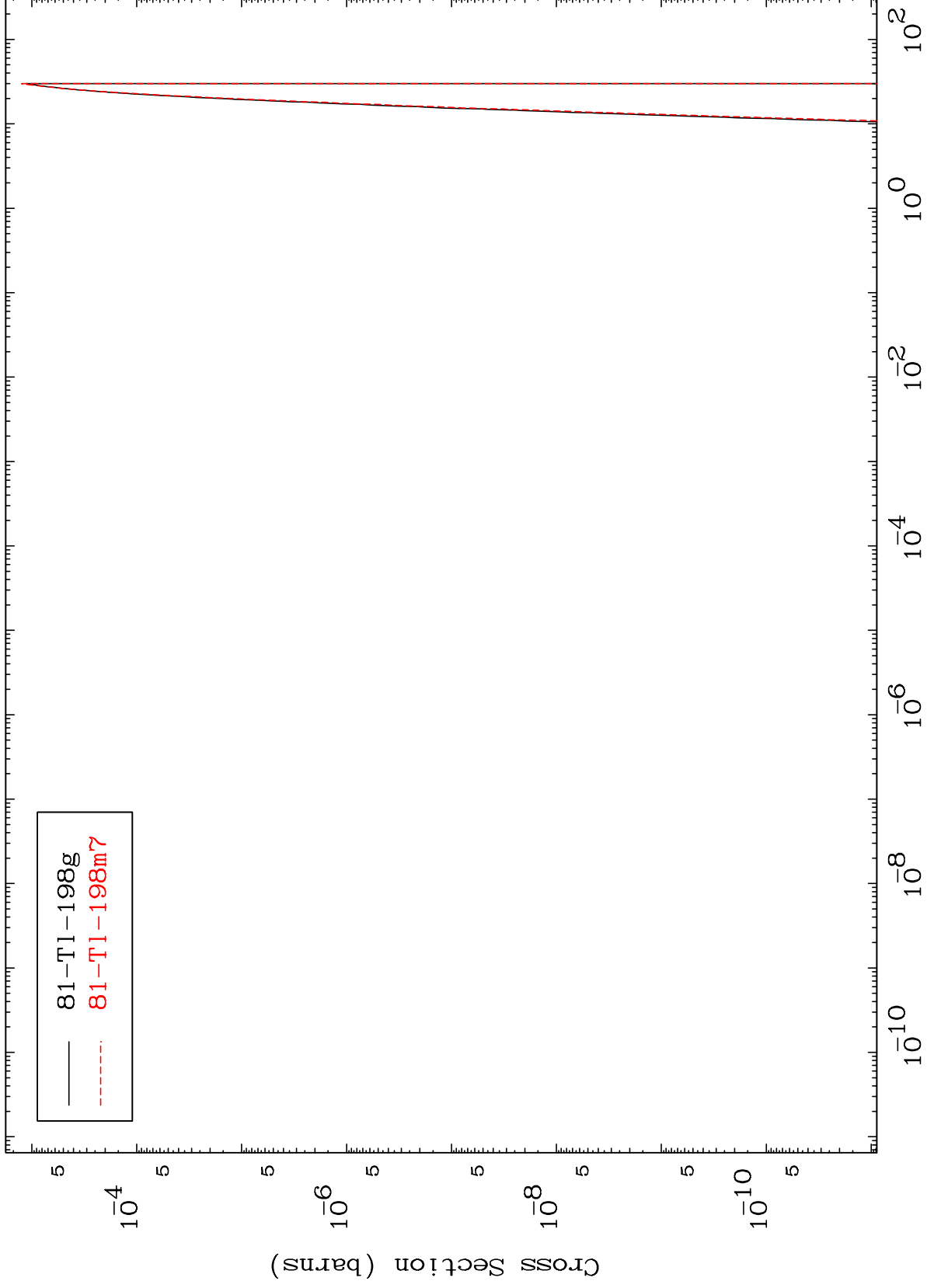
83-Bi-200

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(n,He-3)

83-Bi-200

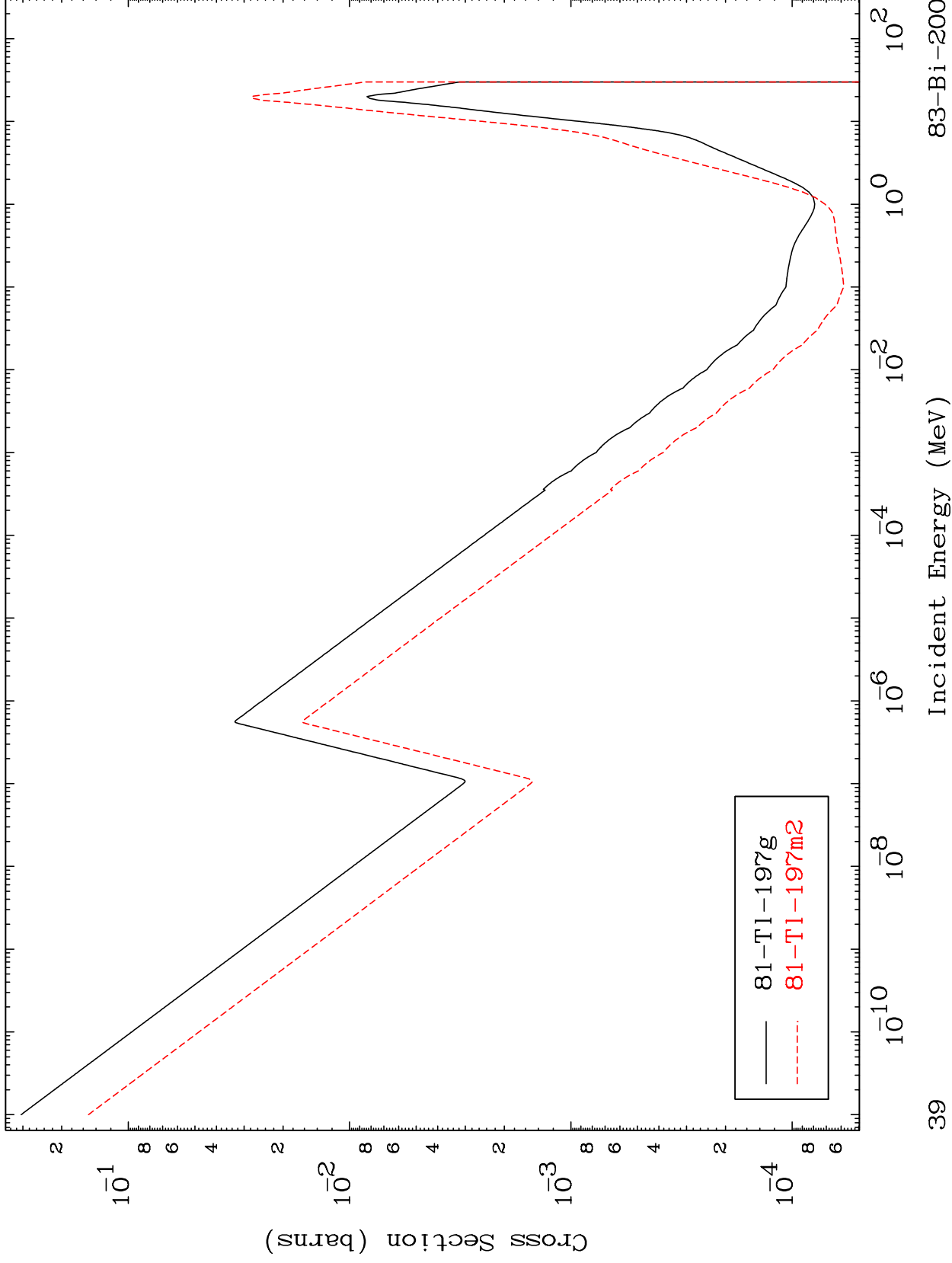
Radionuclide Production Cross Section



MAT 8299

83-Bi-200

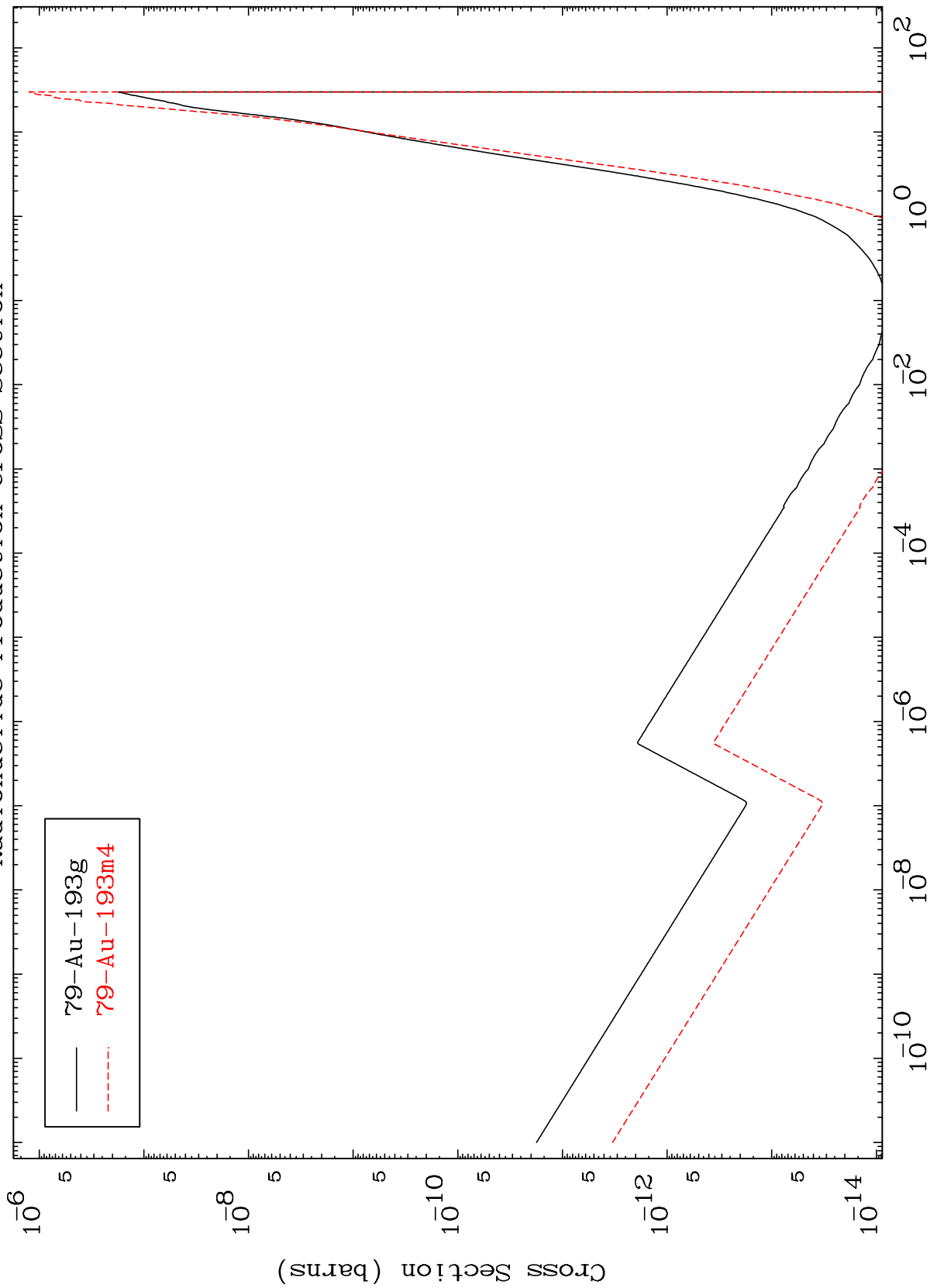
Radionuclide Production Cross Section
(n, α)



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83-Bi-200

Radionuclide Production Cross Section
(n,2 α)



79-Au-193g
79-Au-193m4

83-Bi-200

Incident Energy (MeV)

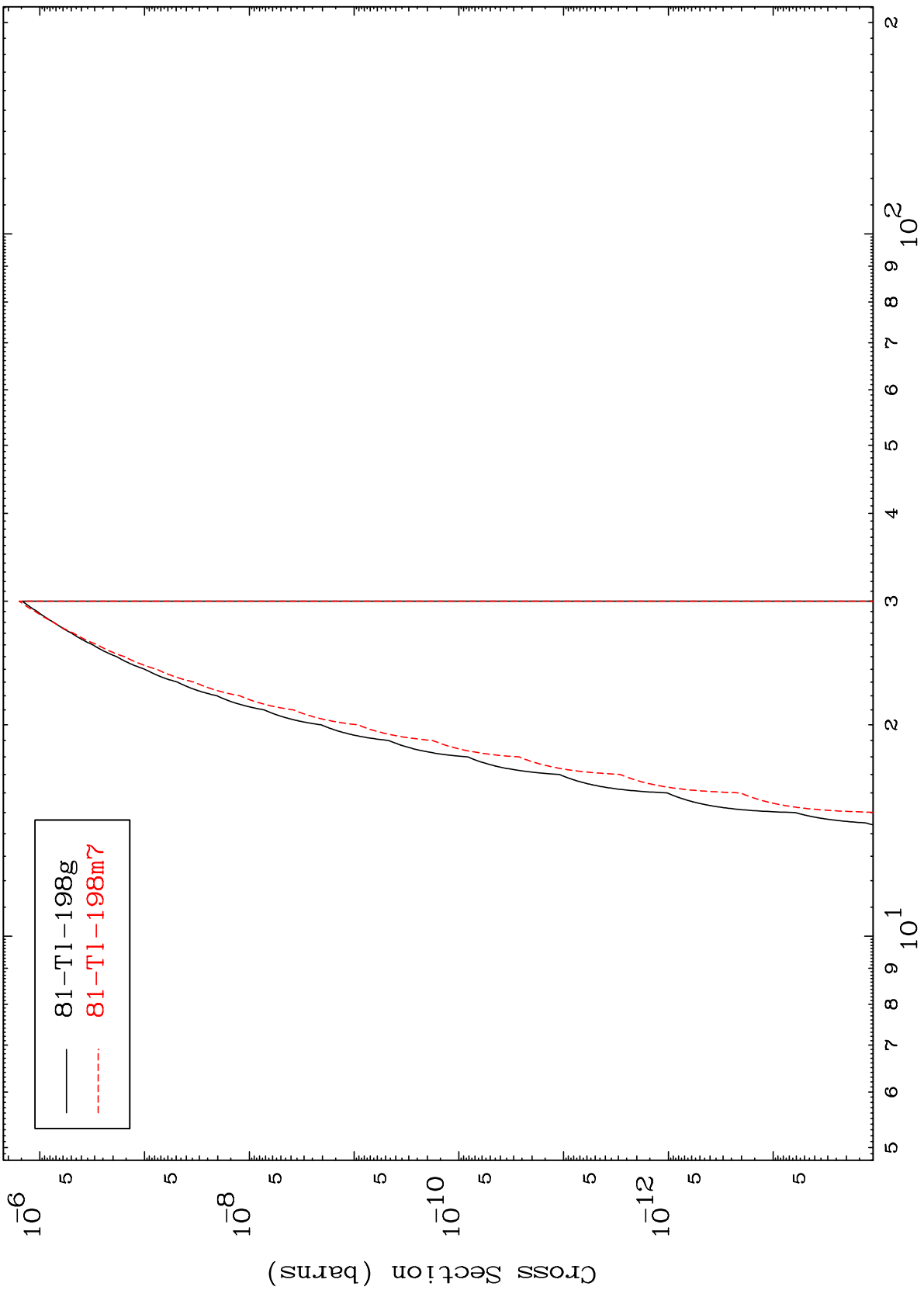
40

MAT 8299

(n,p) d

83-Bi-200

Radionuclide Production Cross Section



41

Incident Energy (MeV)

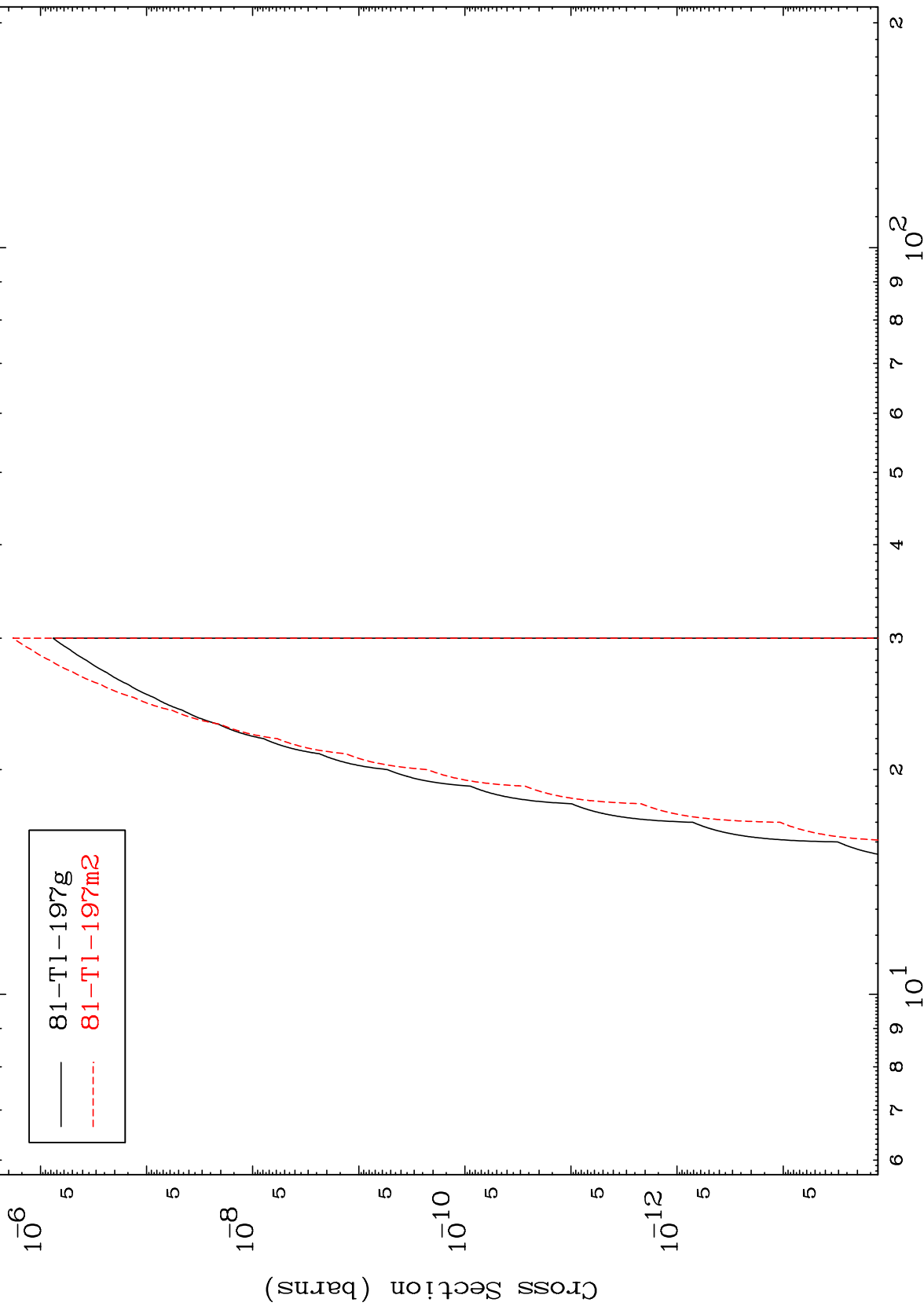
83-Bi-200

MAT 8299

(n,p) t

83-Bi-200

Radionuclide Production Cross Section



42

Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,d) α

83-Bi-200

Radionuclide Production Cross Section

