

Program EVALPLOT
(Version 2018-1)

by

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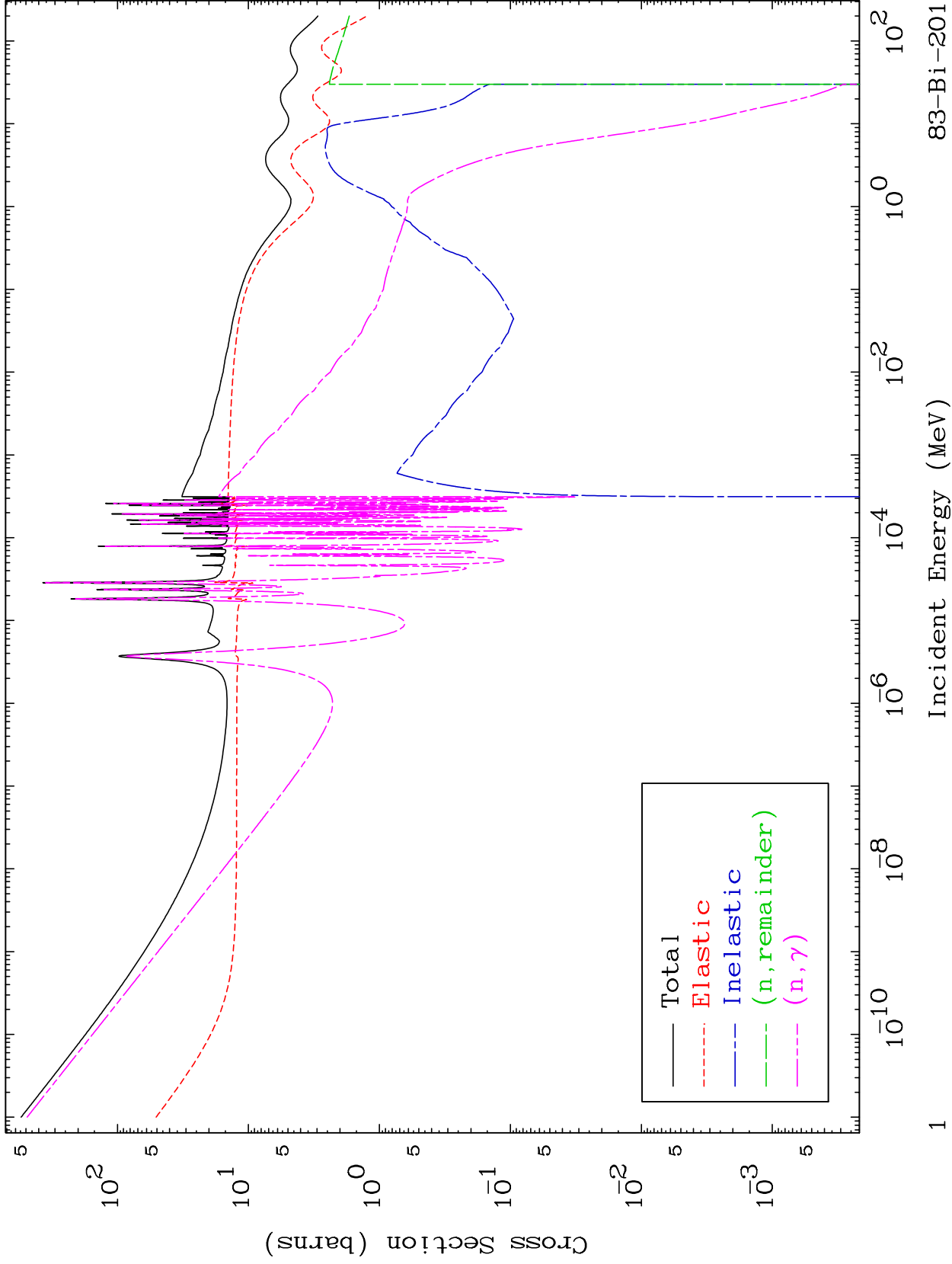
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8302

Major
293 Kelvin Cross Sections

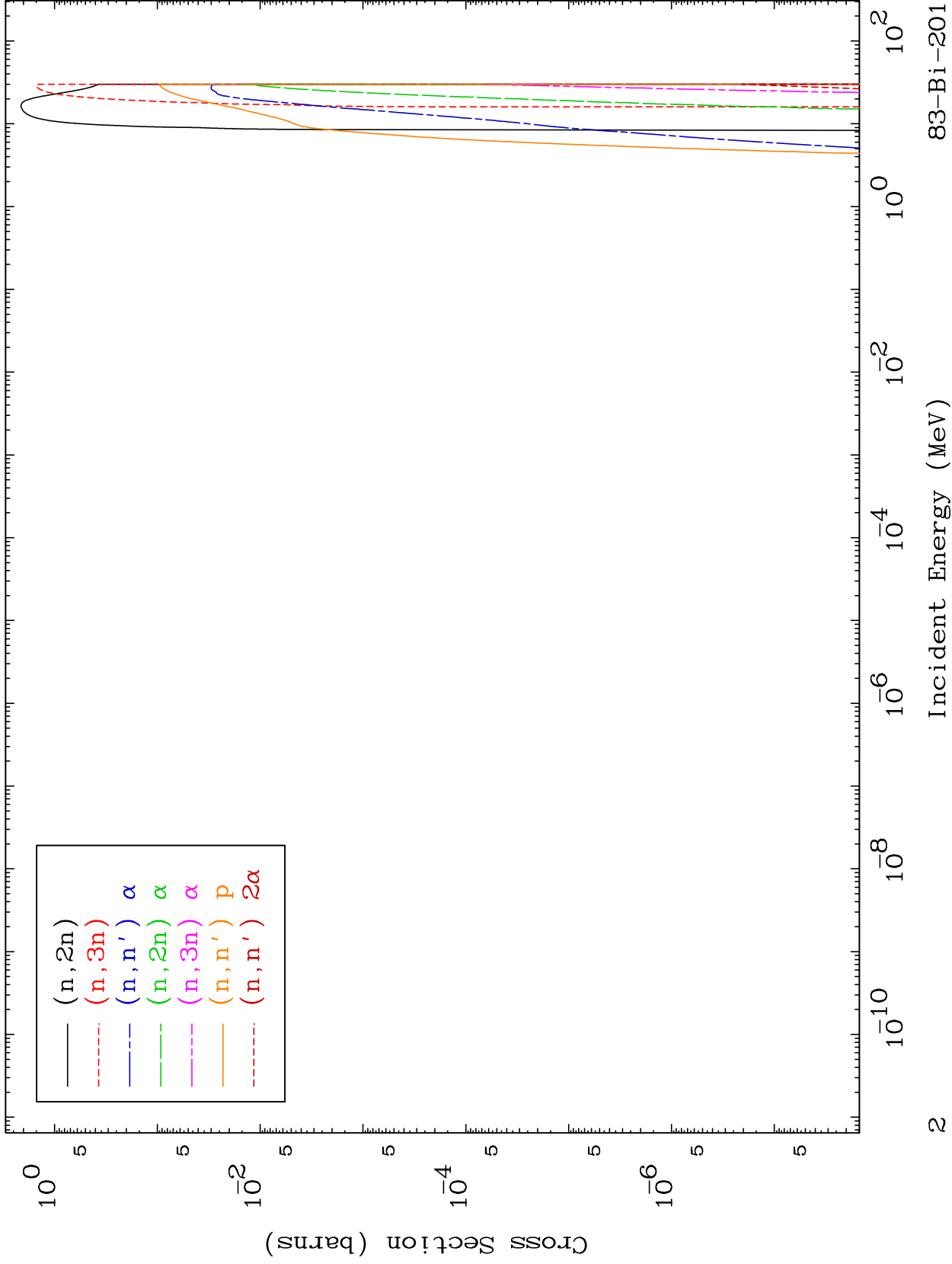
83-Bi-201

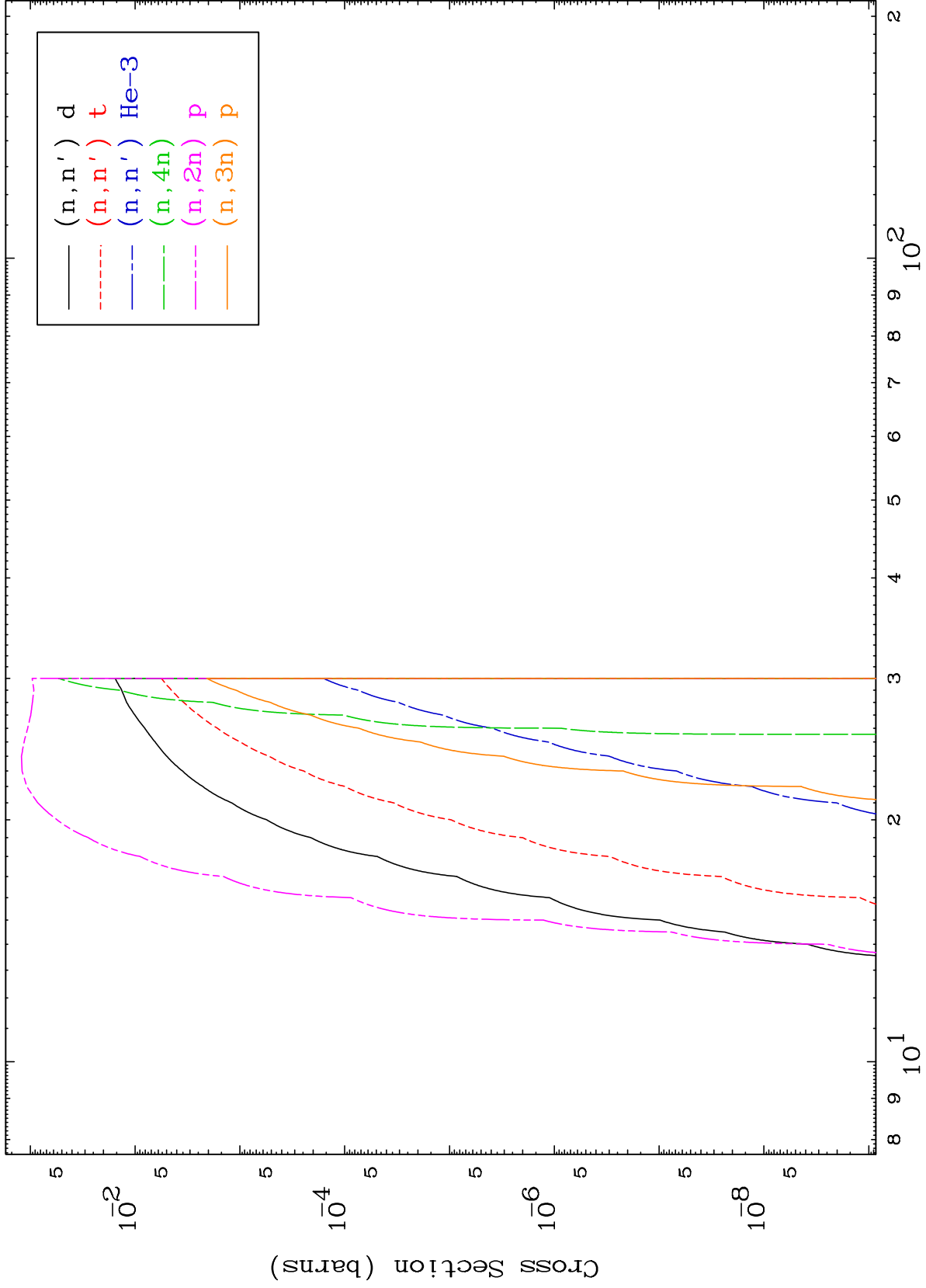


MAT 8302

Neutron Production
293 Kelvin Cross Sections

83-Bi-201

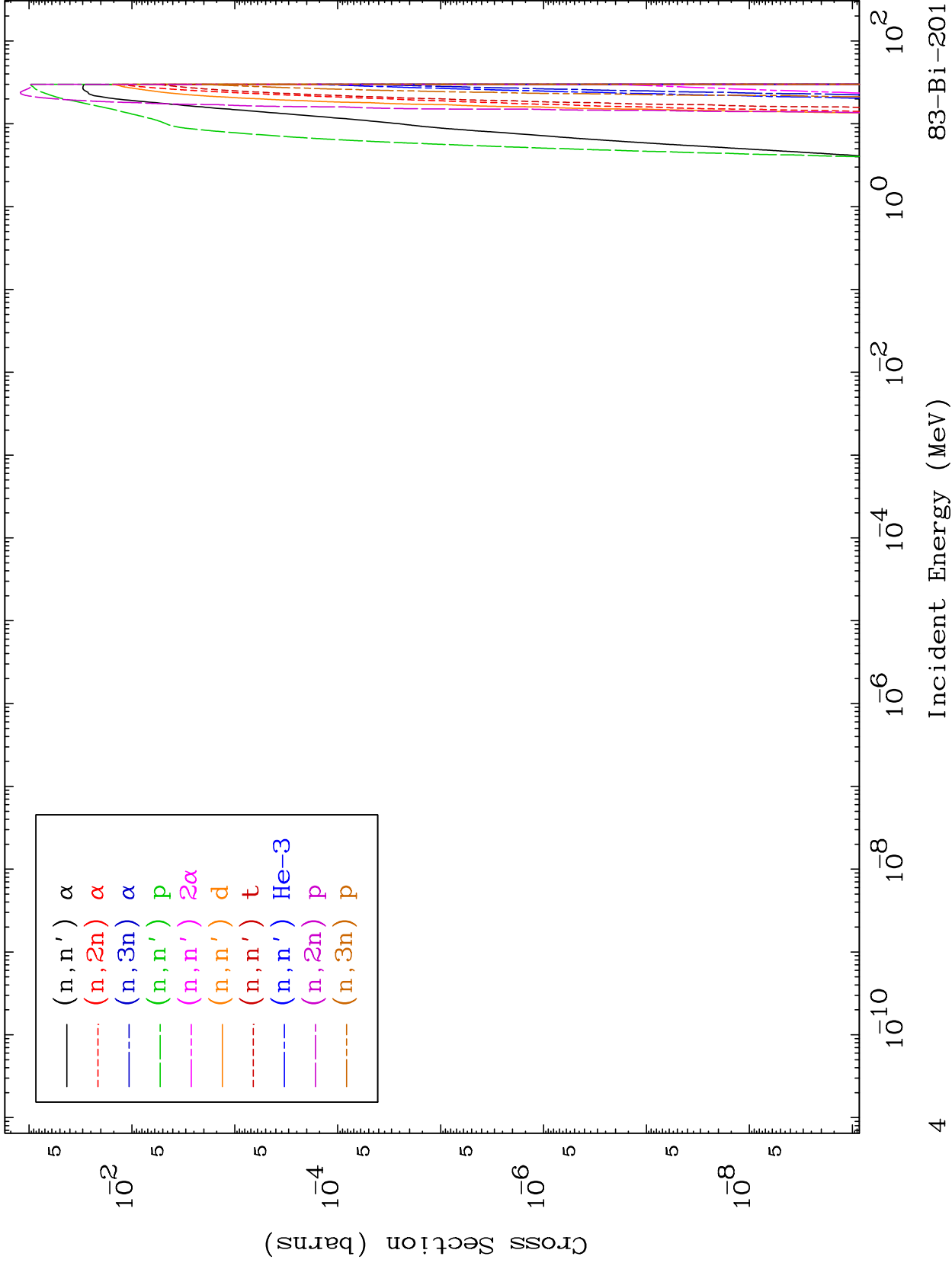




MAT 8302

Charged Particle
293 Kelvin Cross Sections

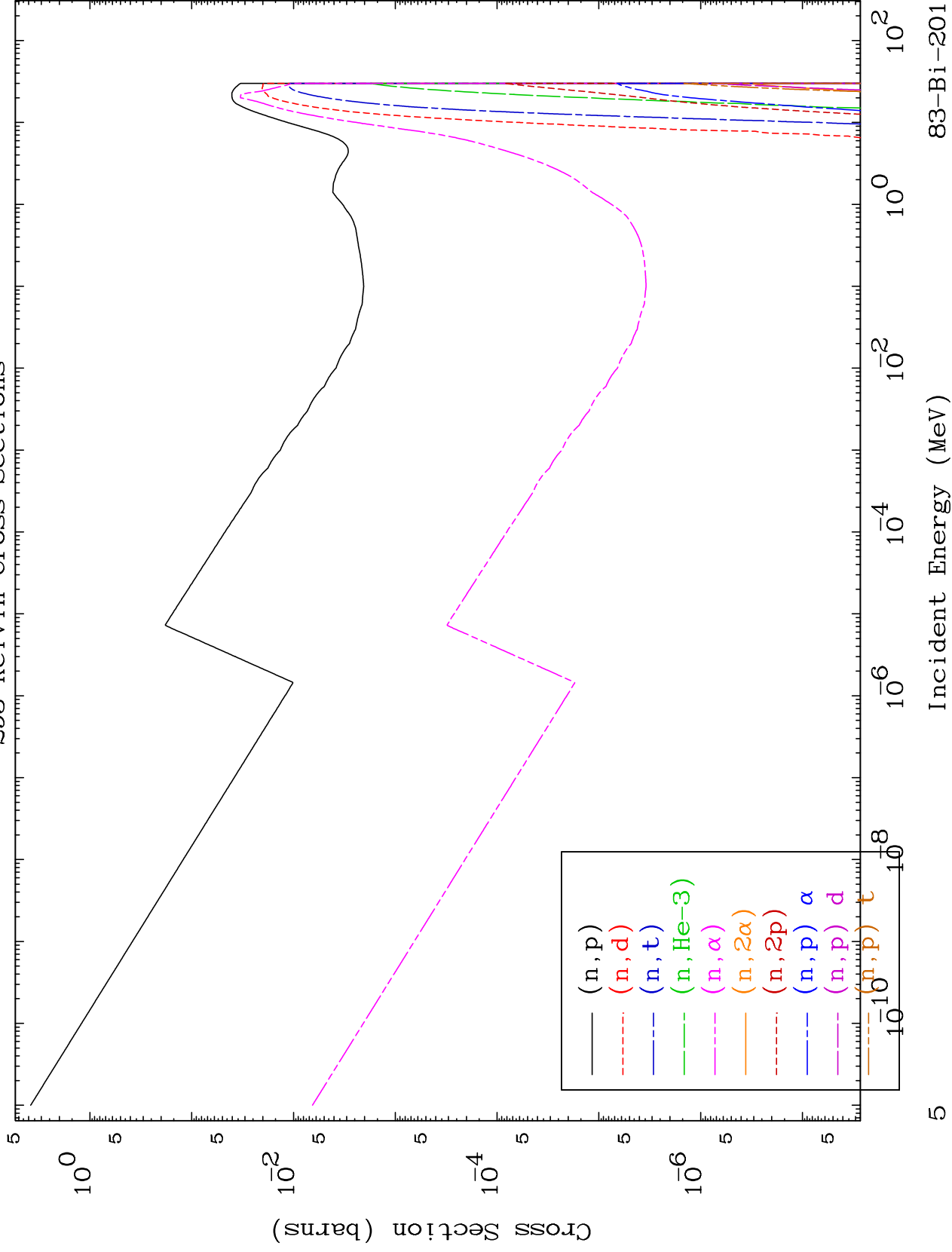
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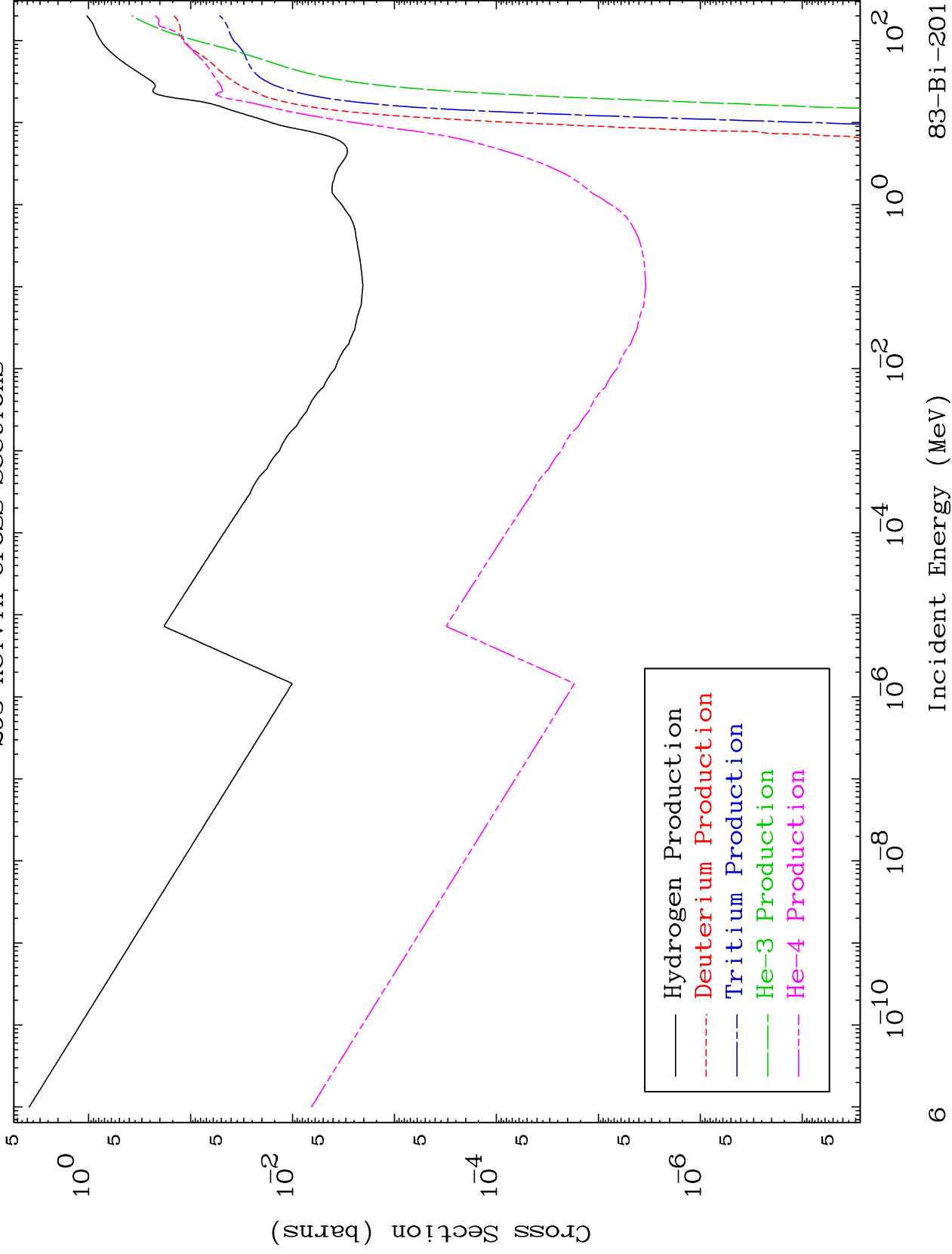


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Charged Particle
293 Kelvin Cross Sections

83-Bi-201

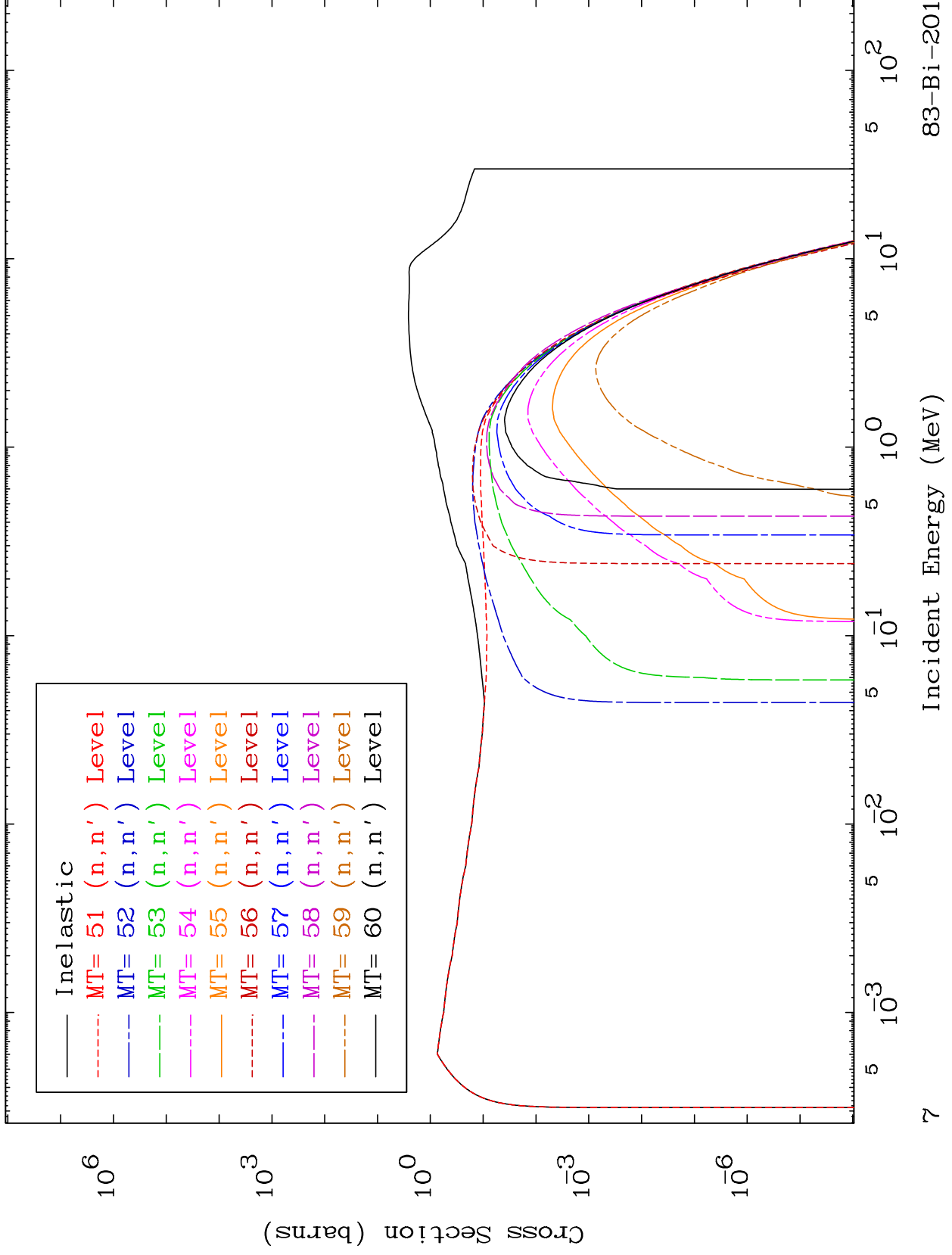




MAT 8302

(n,n') Level
293 Kelvin Cross Sections

83-Bi-201

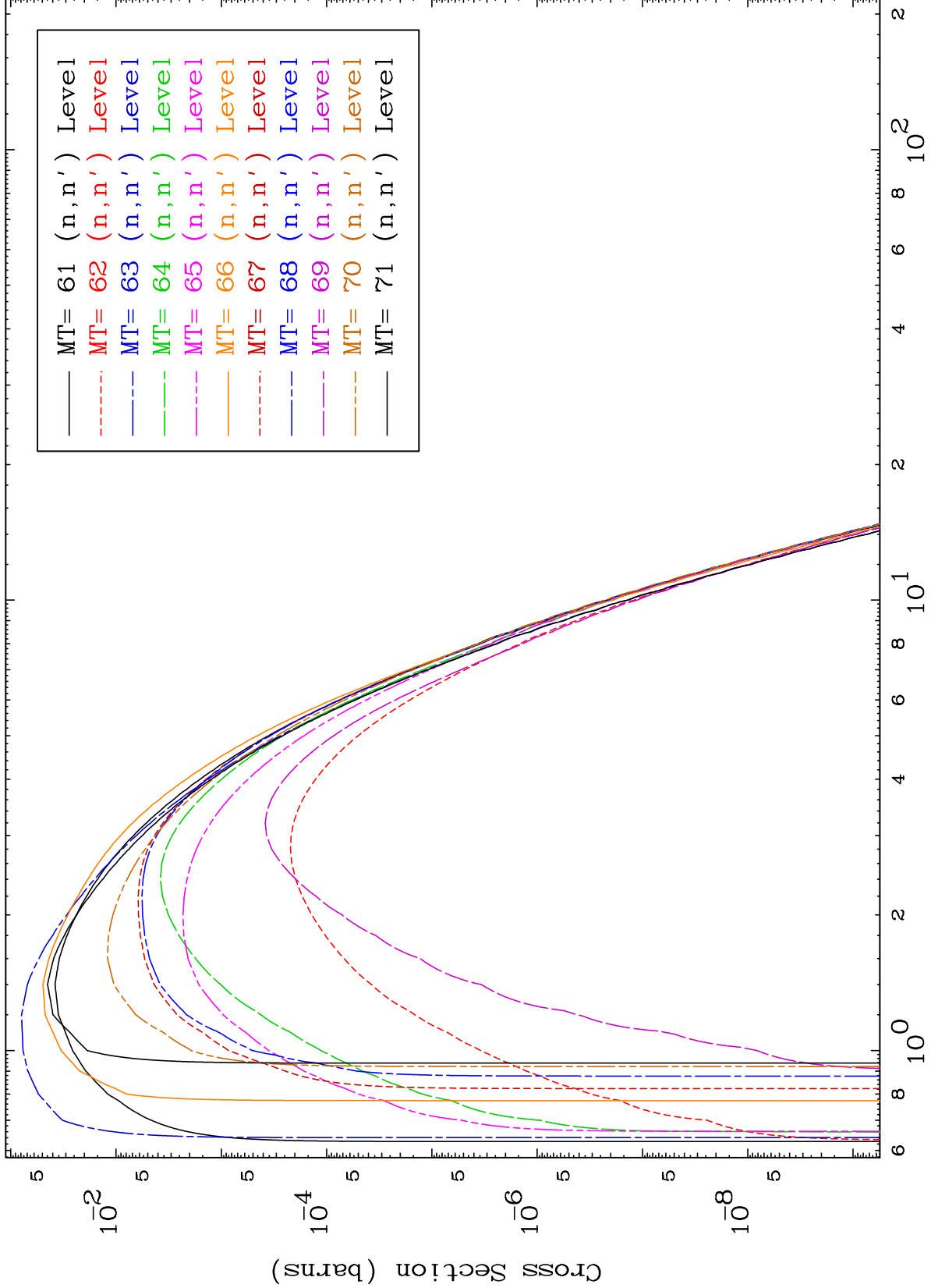


MAT 8302

(n,n') Level

83-Bi-201

293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-201

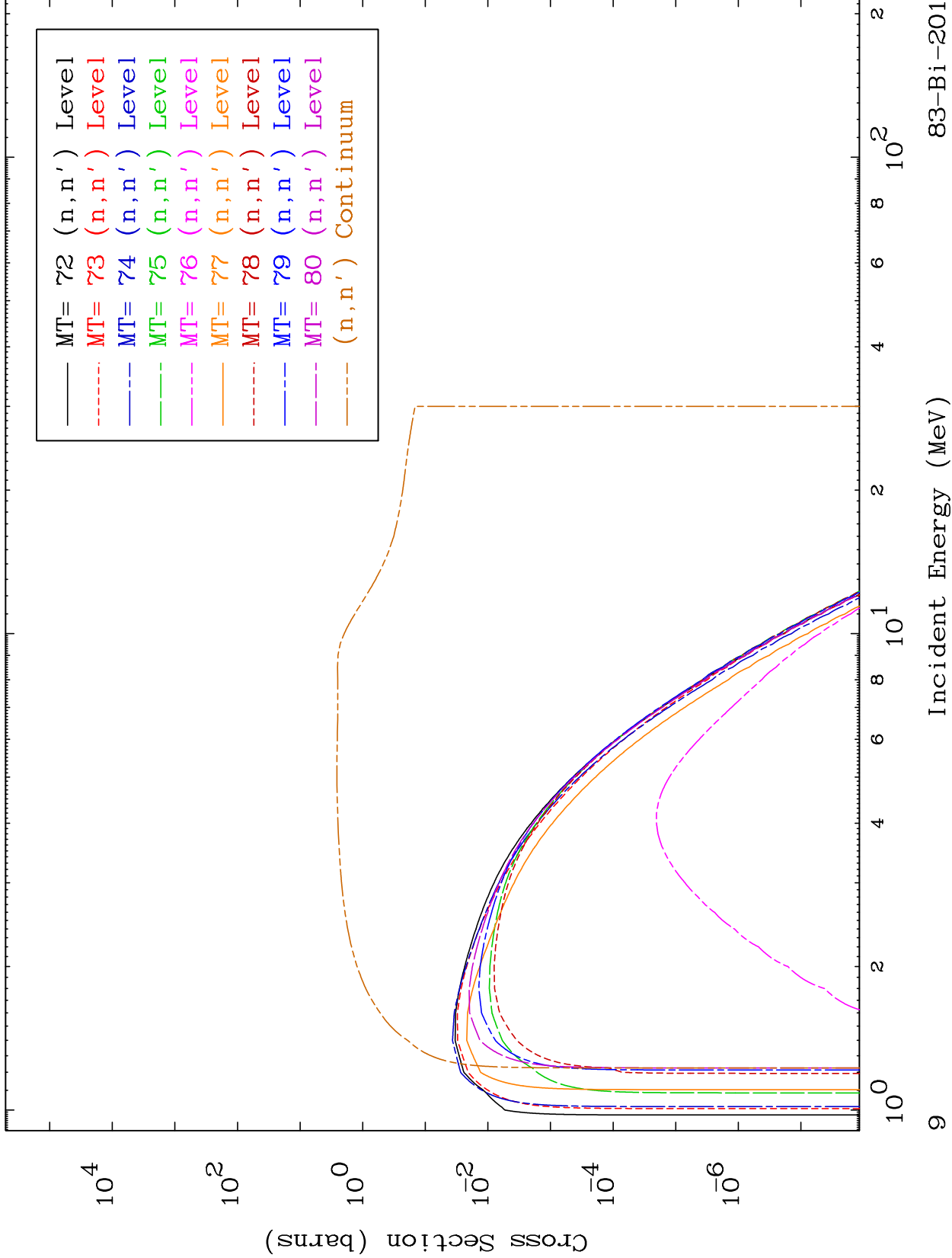
8

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(n,n') Level

83-Bi-201

293 Kelvin Cross Sections

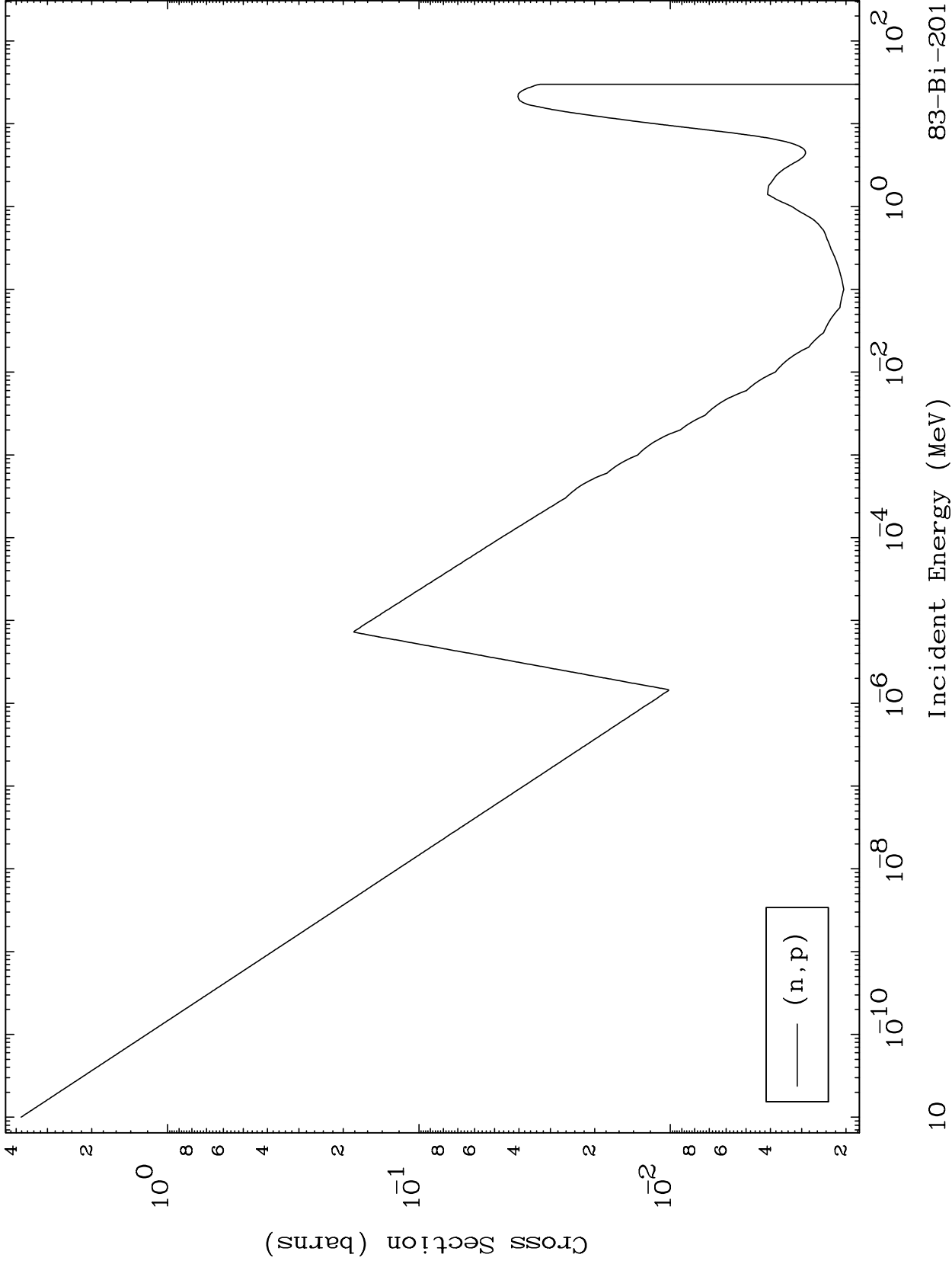


83-Bi-201

MAT 8302

(n,p) Levels
293 Kelvin Cross Sections

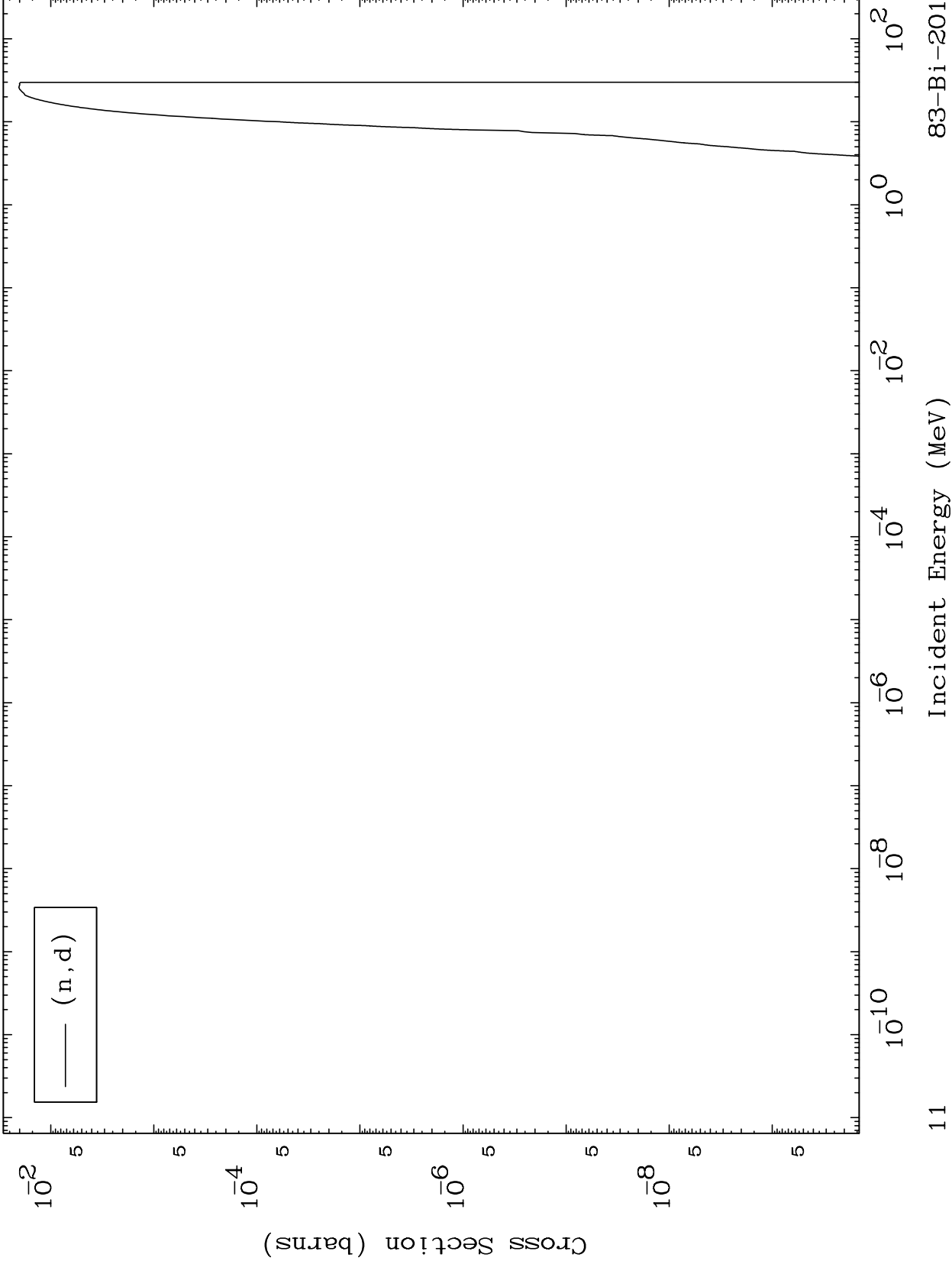
83-Bi-201



MAT 8302

(n,d) Levels
293 Kelvin Cross Sections

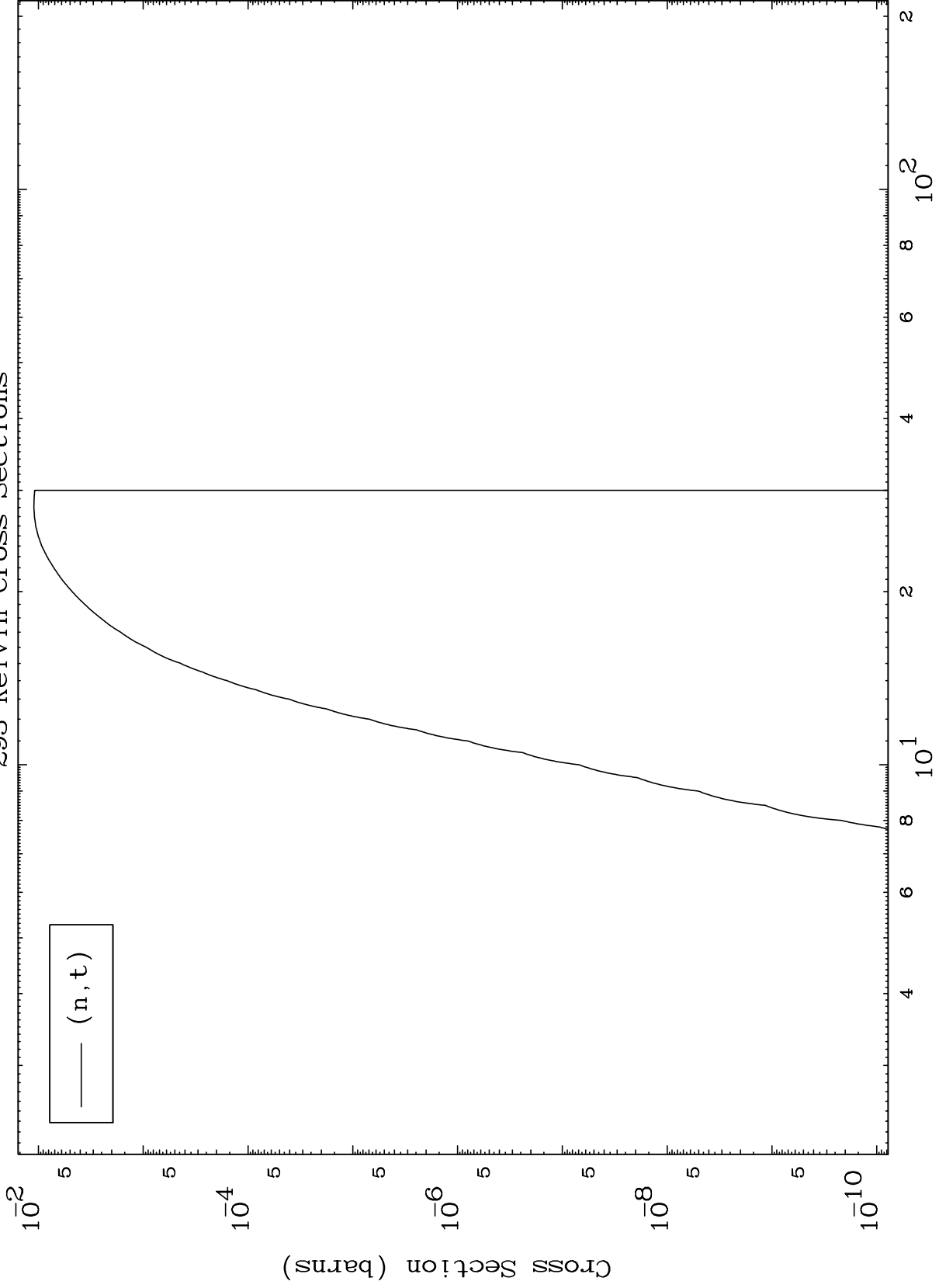
83-Bi-201



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(n,t) Levels
293 Kelvin Cross Sections

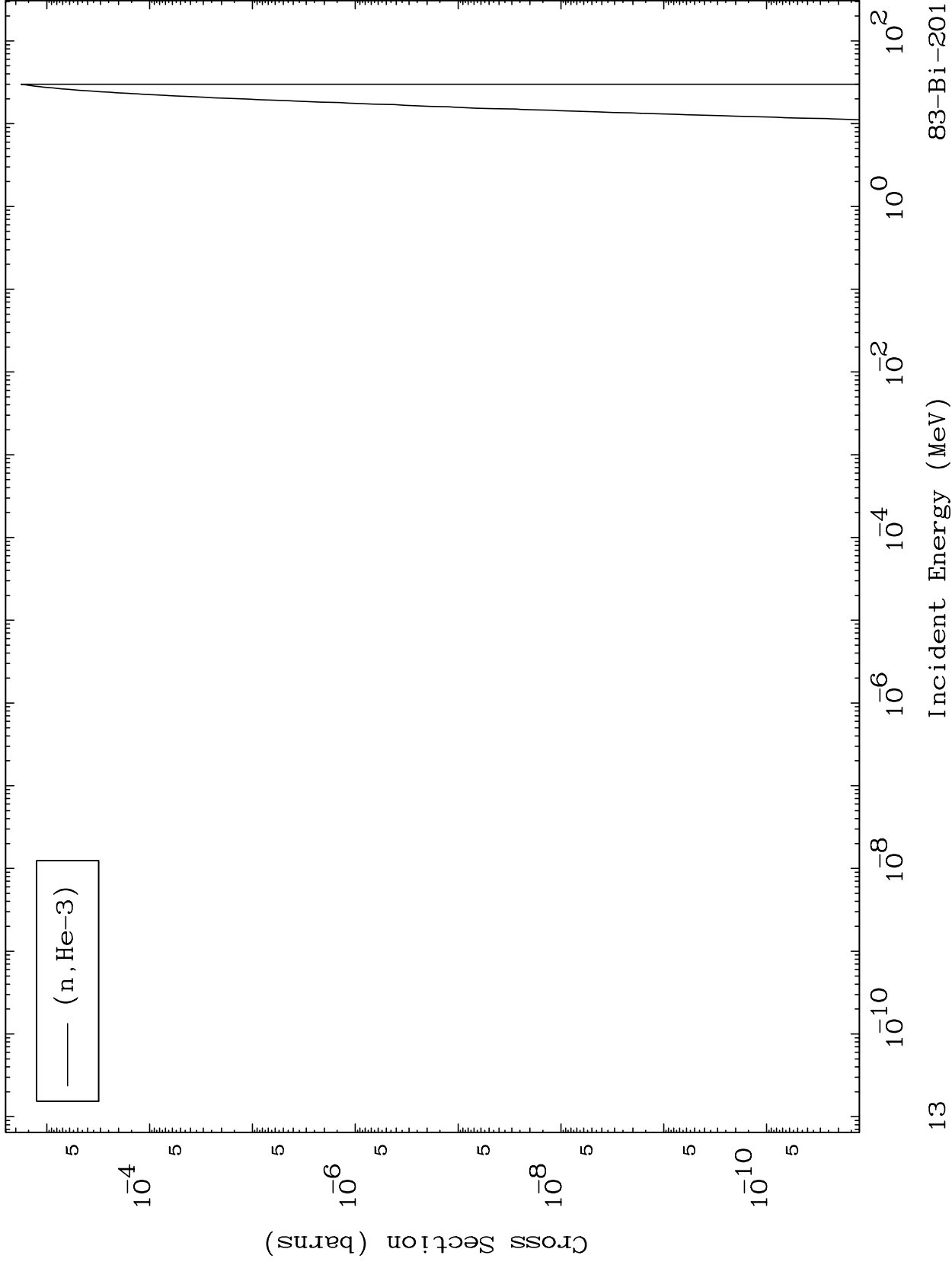
83-Bi-201



MAT 8302

(n,He3) Levels
293 Kelvin Cross Sections

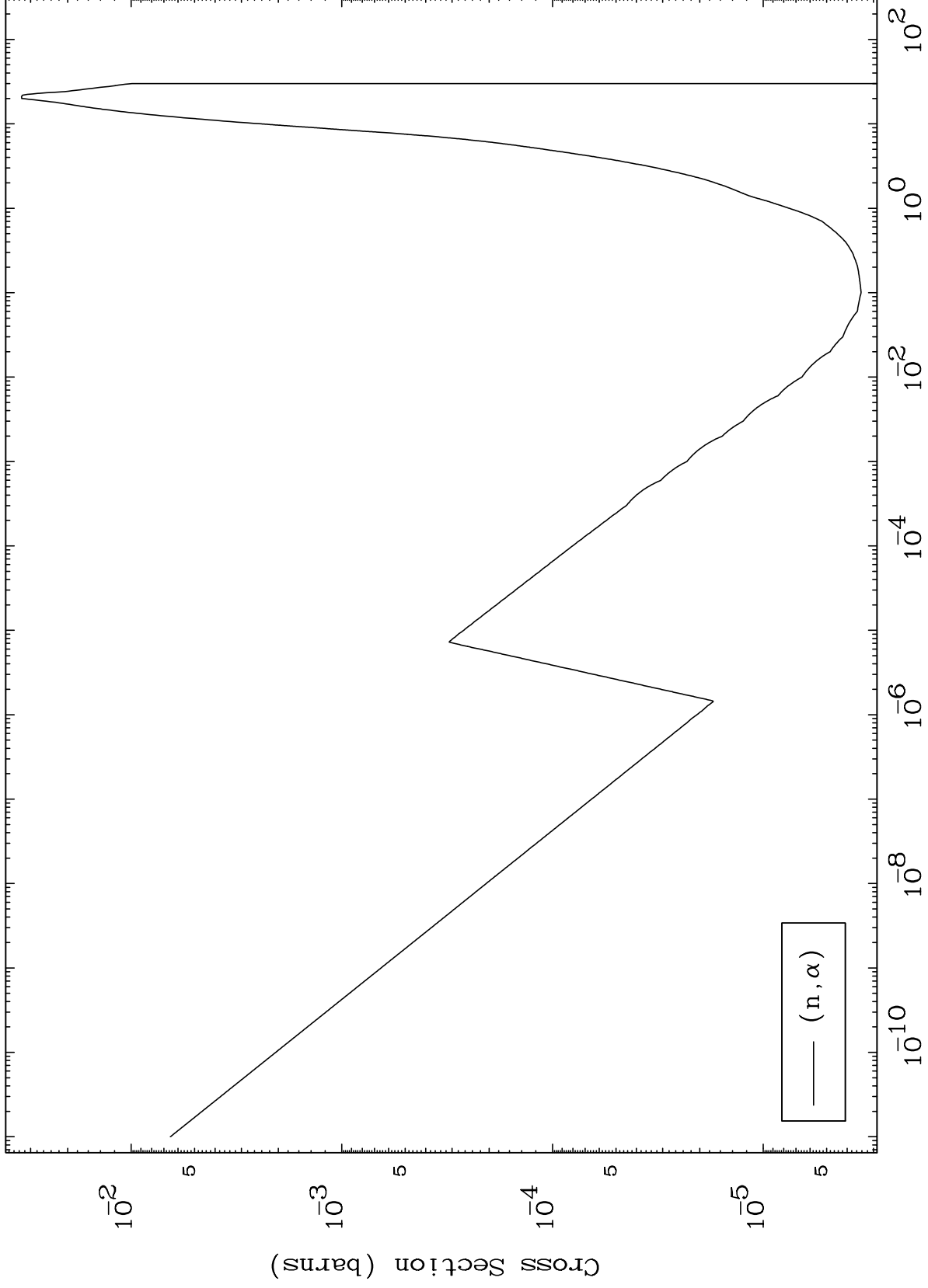
83-Bi-201



MAT 8302

(n, α) Levels
293 Kelvin Cross Sections

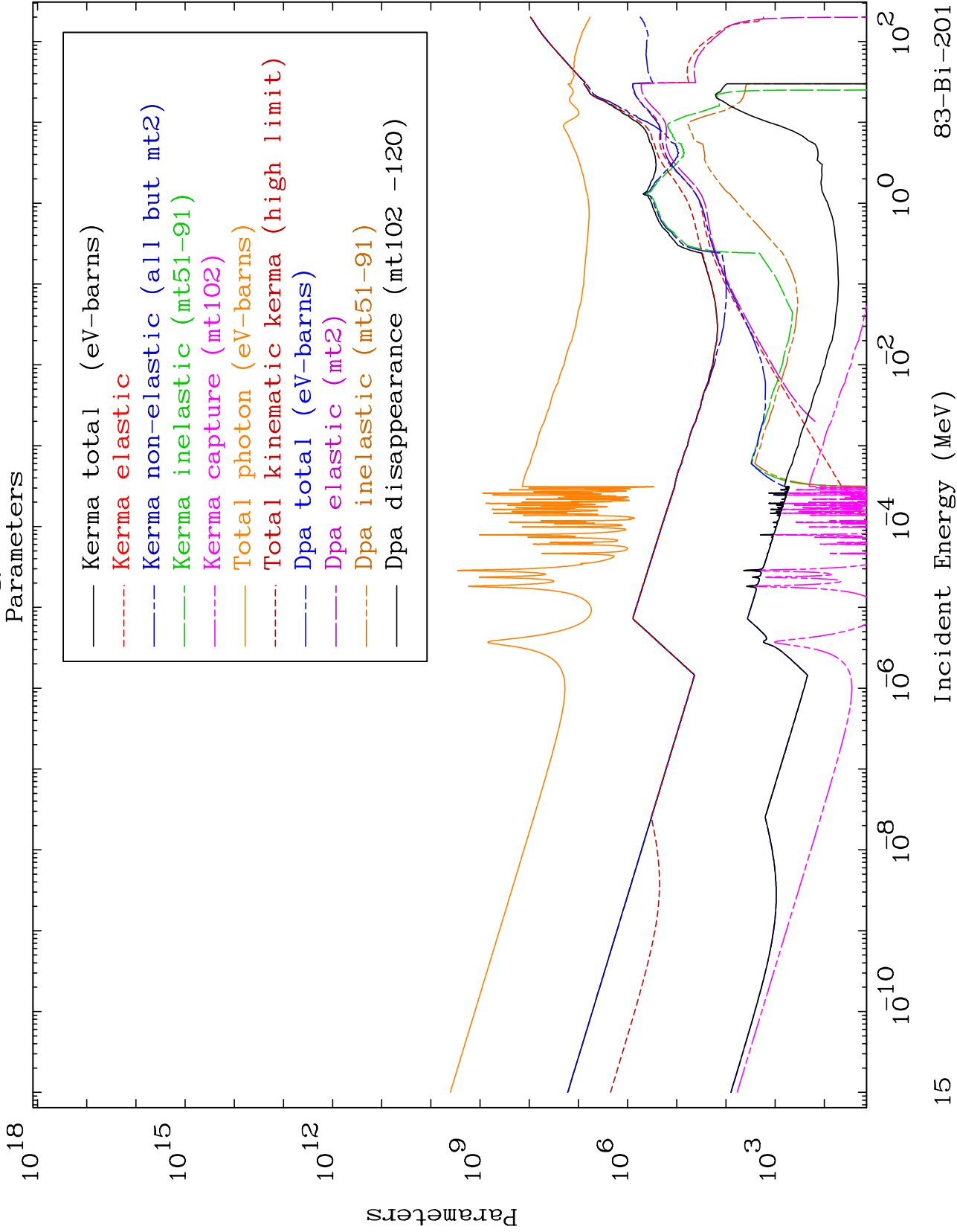
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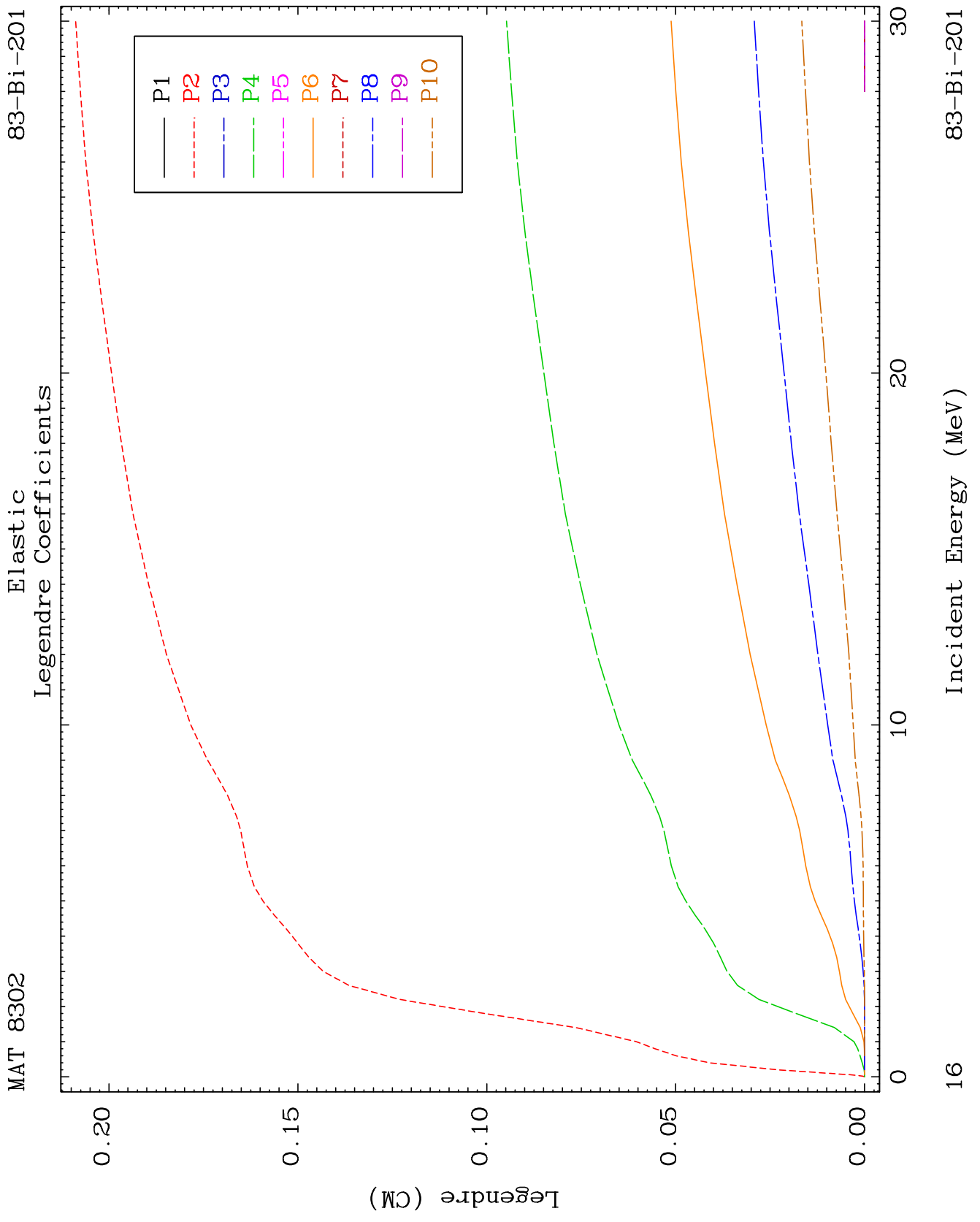


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Incident Energy (MeV)

83-Bi-201

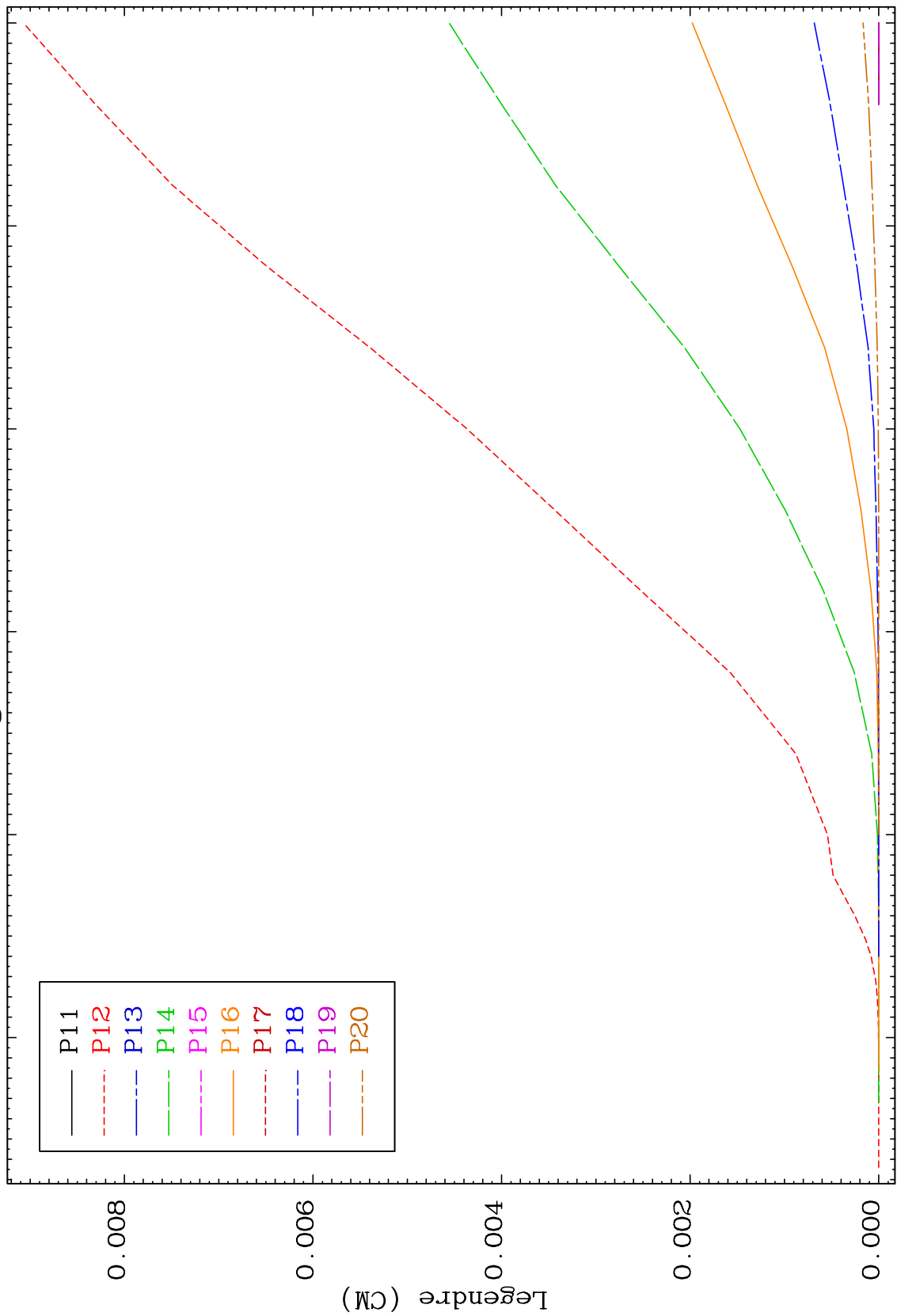




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Elastic Legendre Coefficients

83-Bi-201



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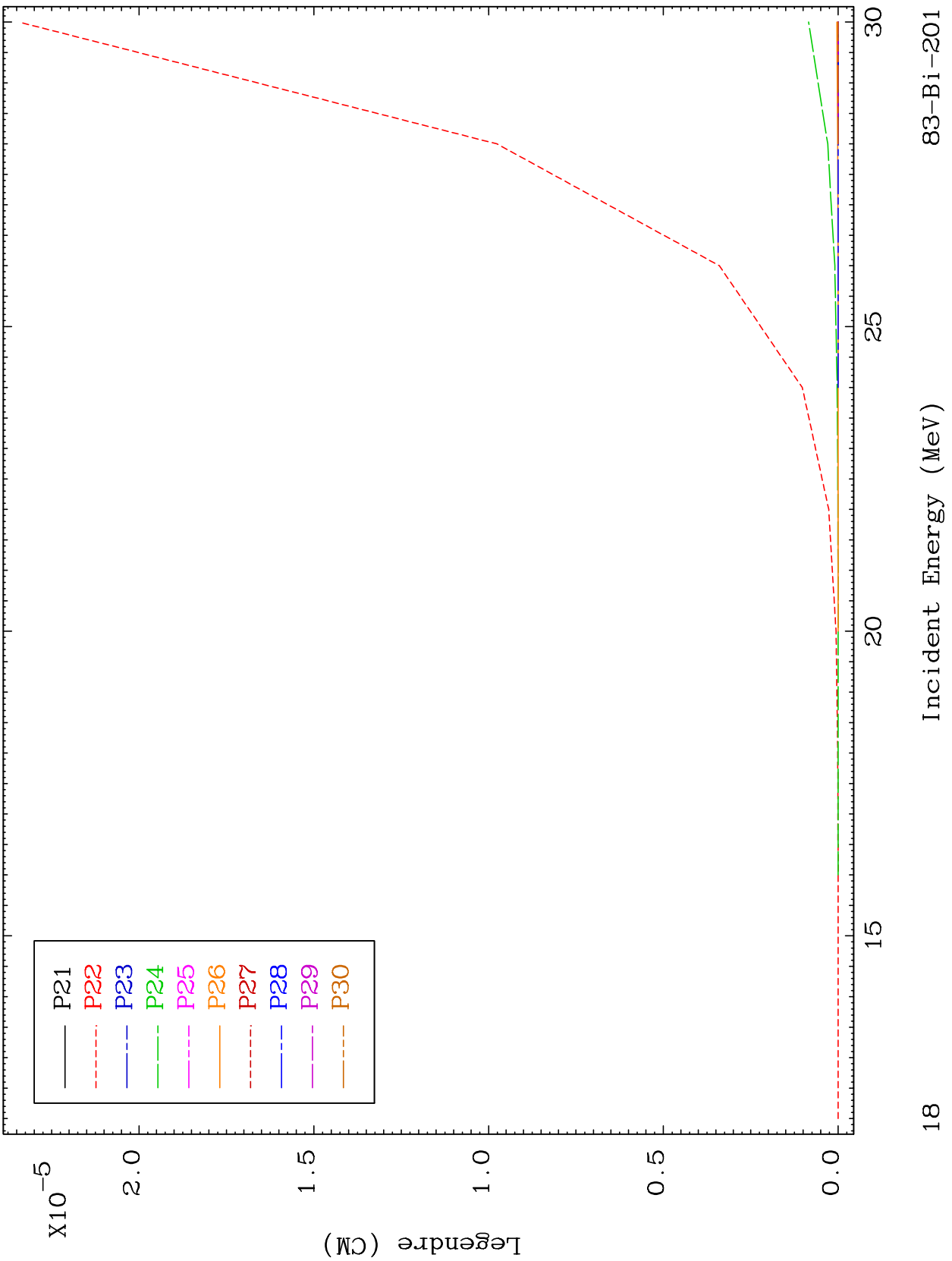
83-Bi-201

Incident Energy (MeV)

MAT 8302

Elastic Legendre Coefficients

83-Bi-201



18

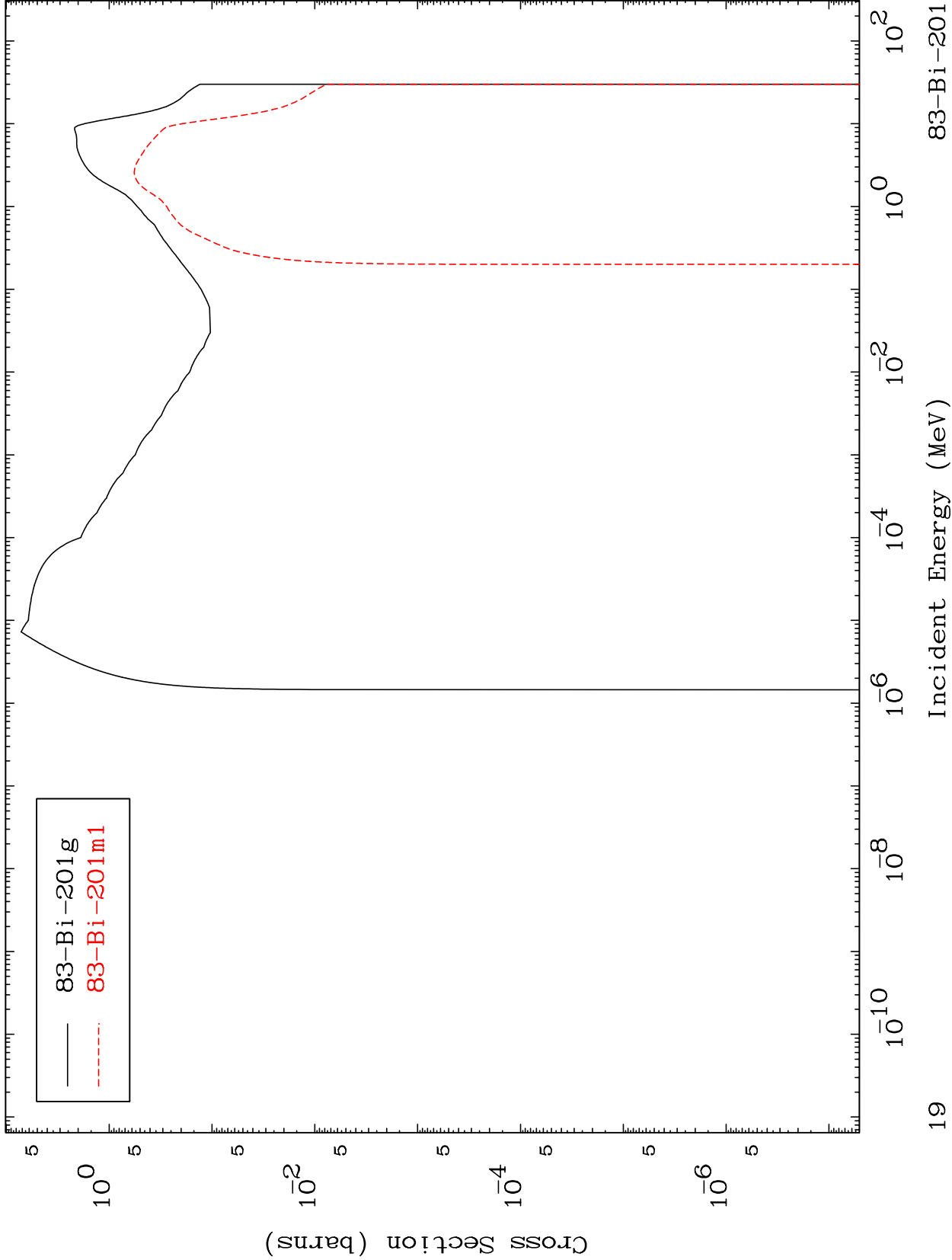
Incident Energy (MeV)

83-Bi-201

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Radionuclide Production Cross Section

83-Bi-201



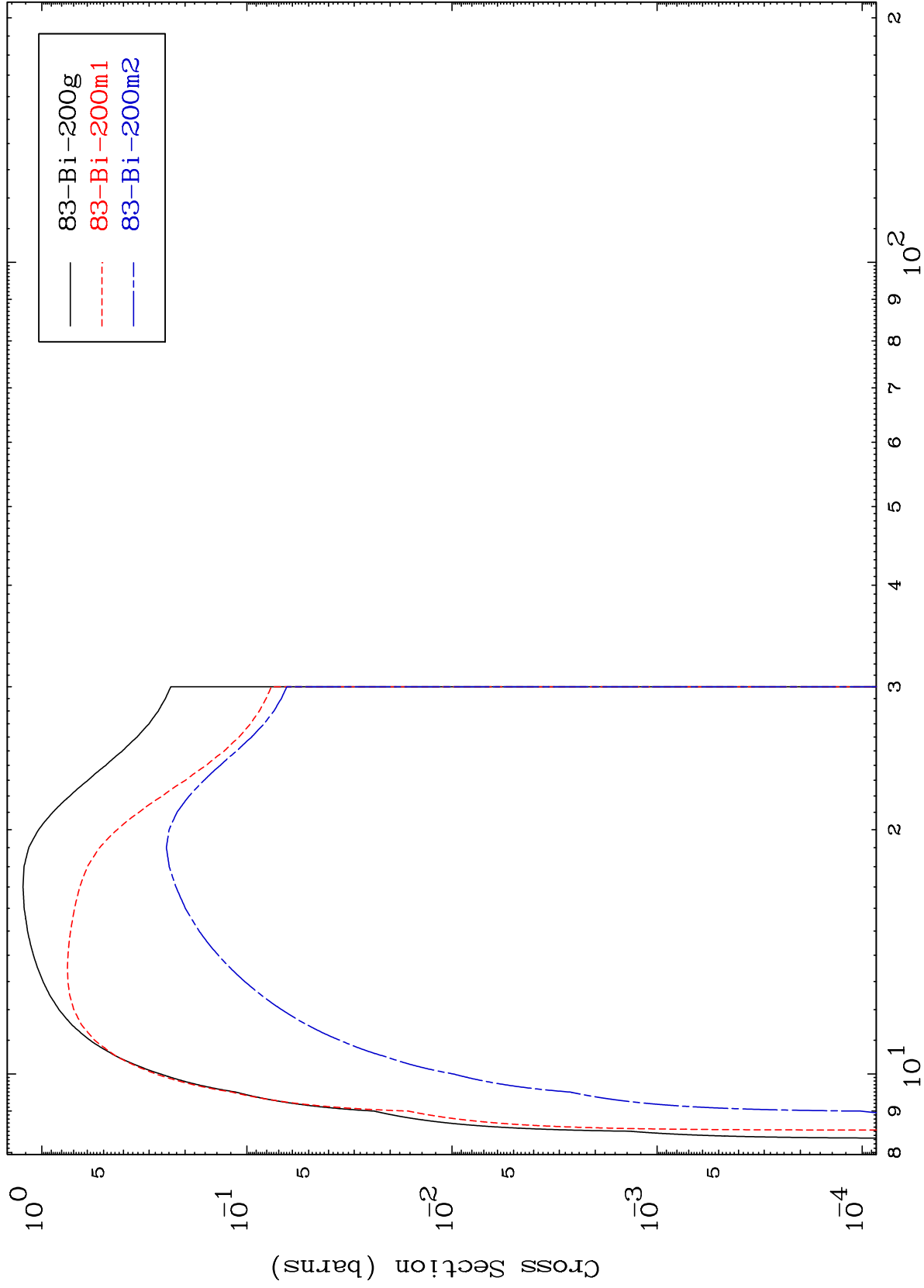
83-Bi-201g
83-Bi-201m1

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(n,2n)

83-Bi-201

Radionuclide Production Cross Section



Incident Energy (MeV)

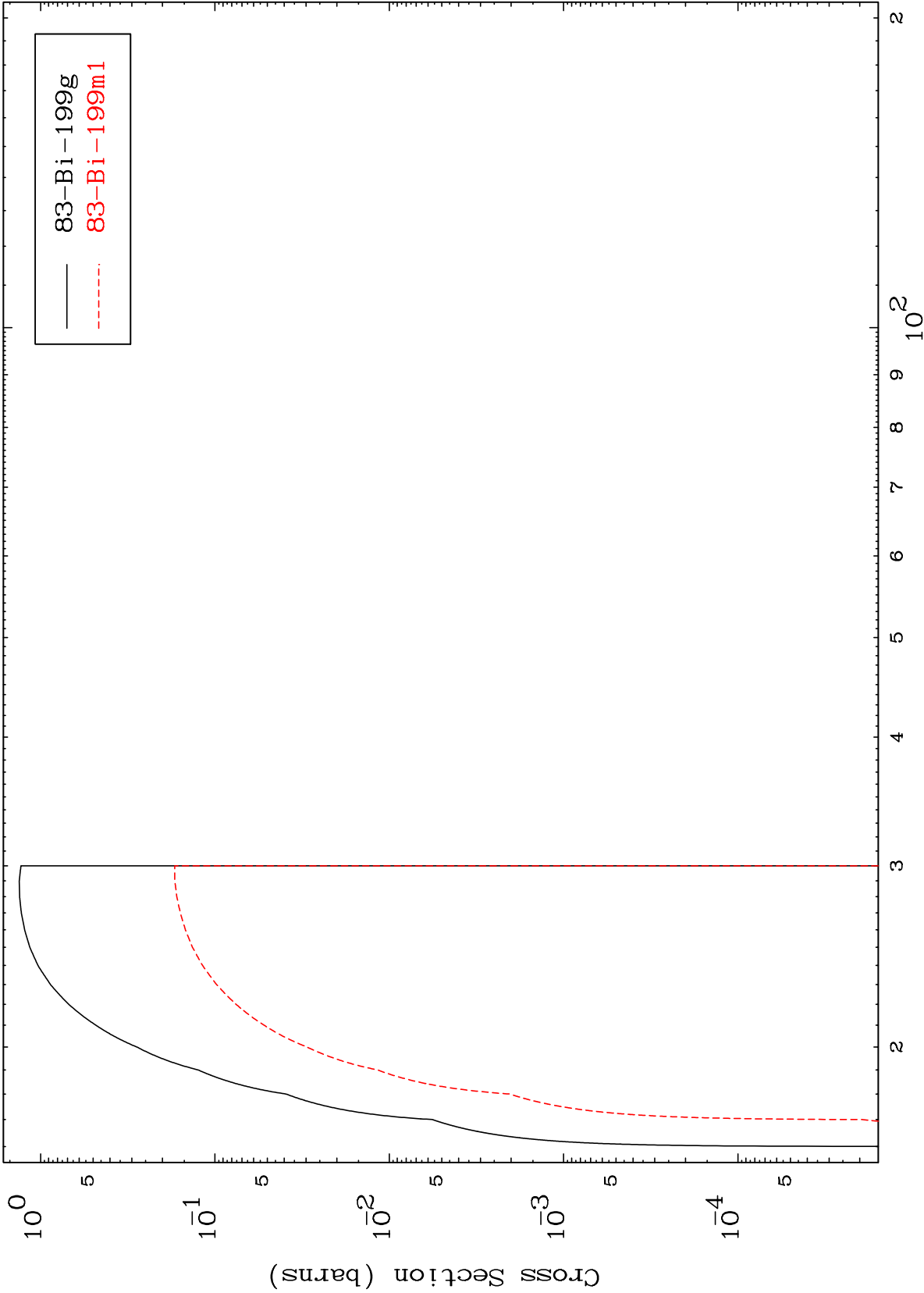
83-Bi-201

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(n,3n)

83-Bi-201

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

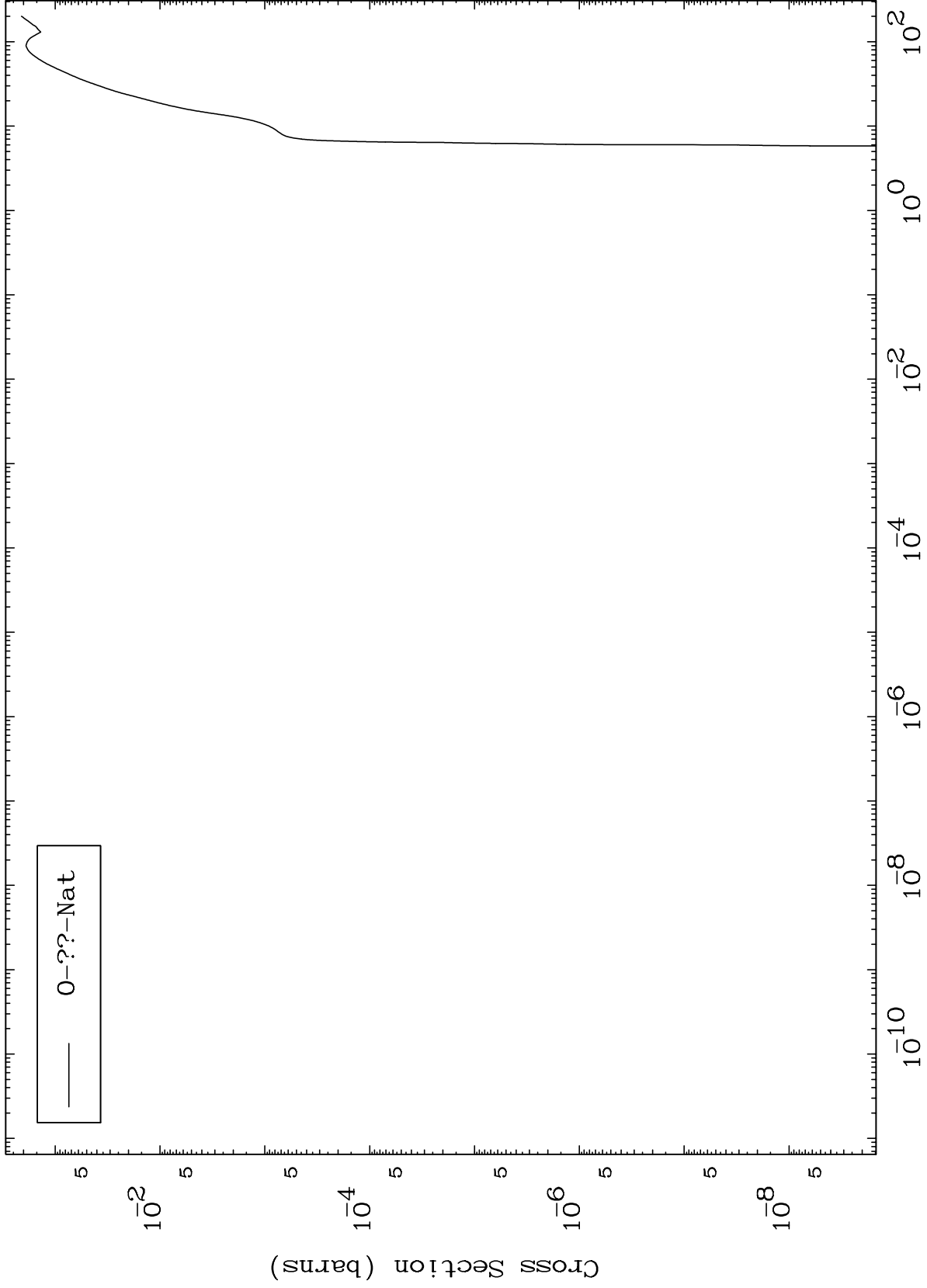
83-Bi-201

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Fission

83-Bi-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

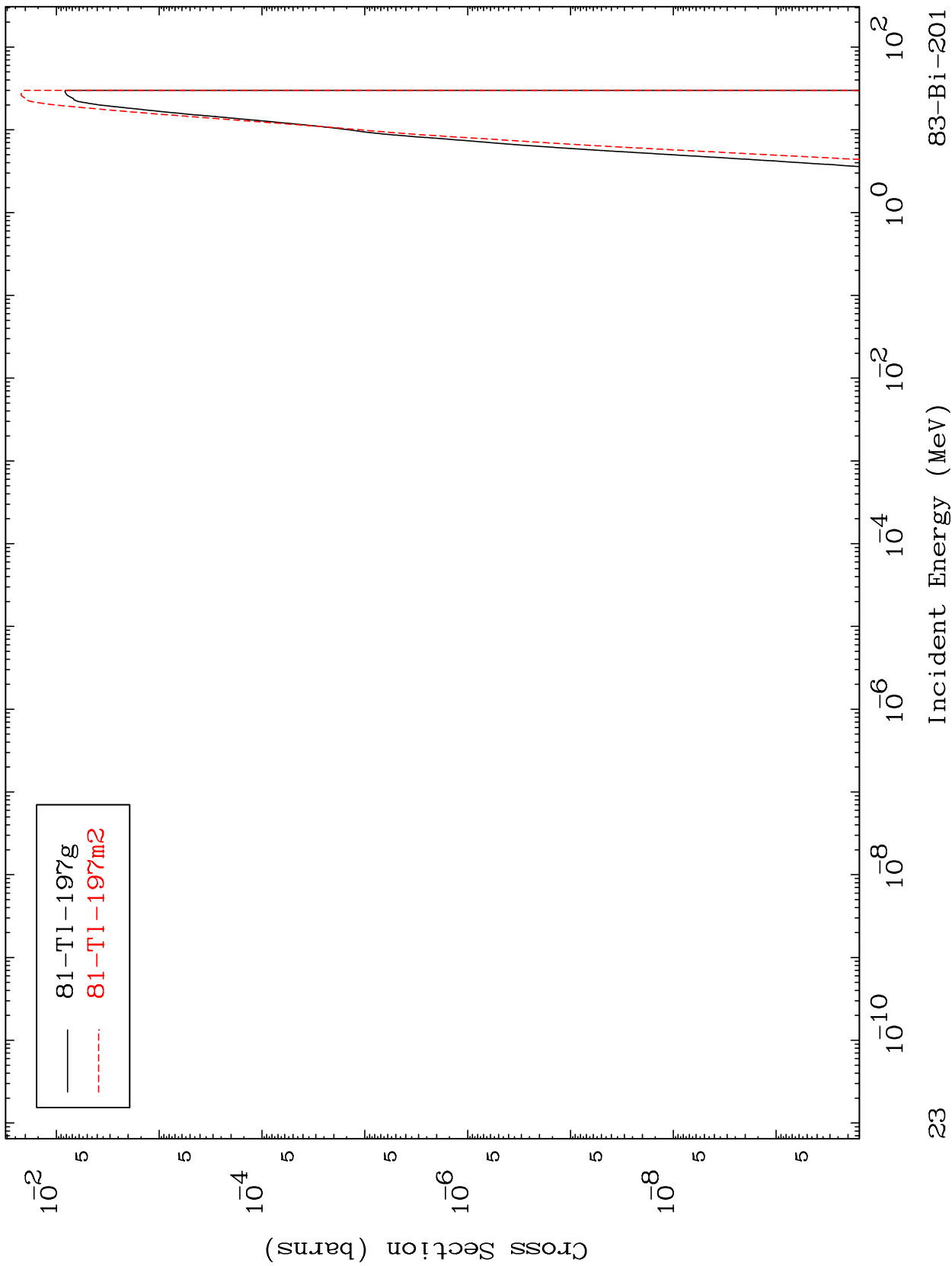
83-Bi-201

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$(n, n') \alpha$

$^{83}\text{Bi-201}$

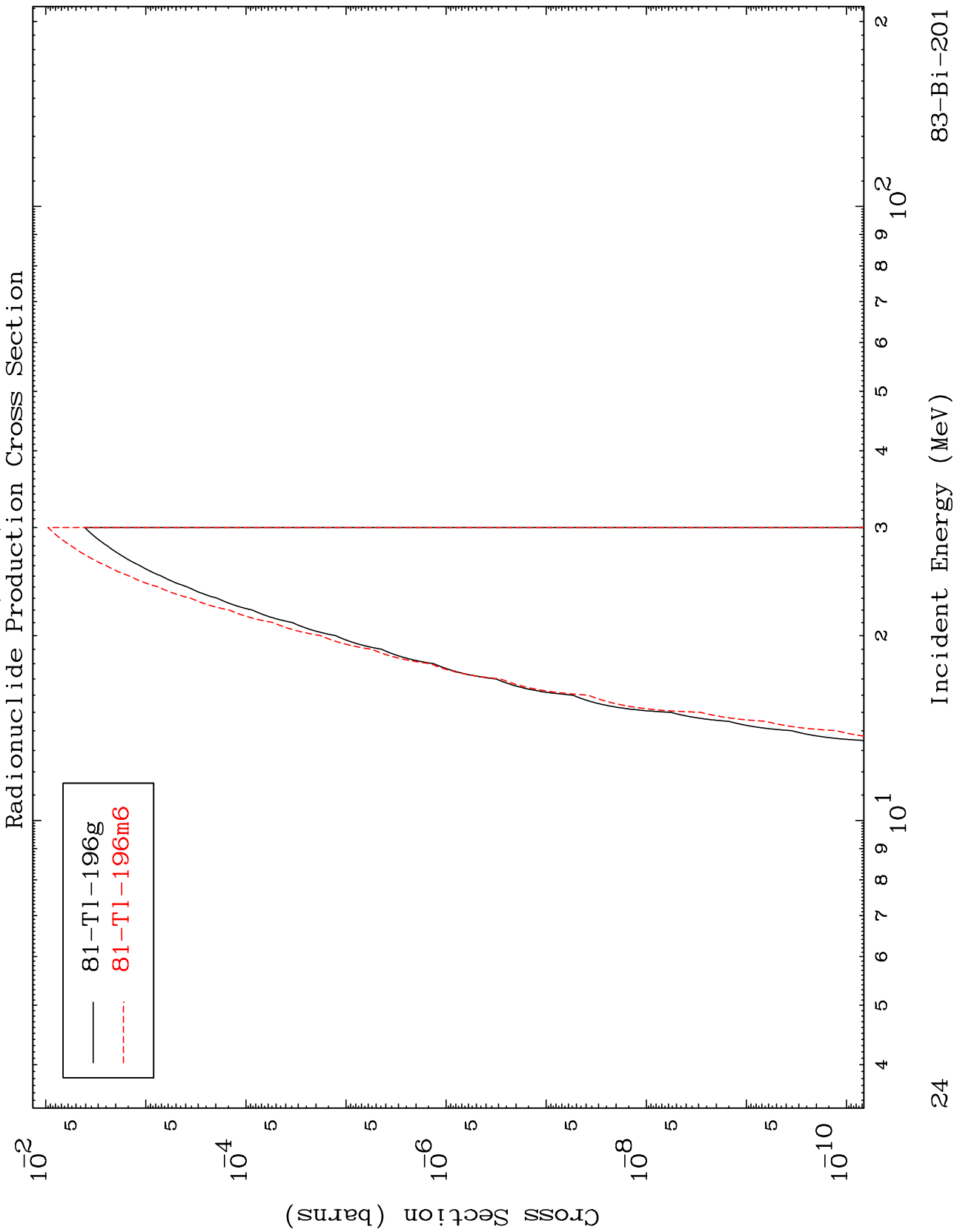
Radionuclide Production Cross Section



MAT 8302

$(n,2n) \alpha$

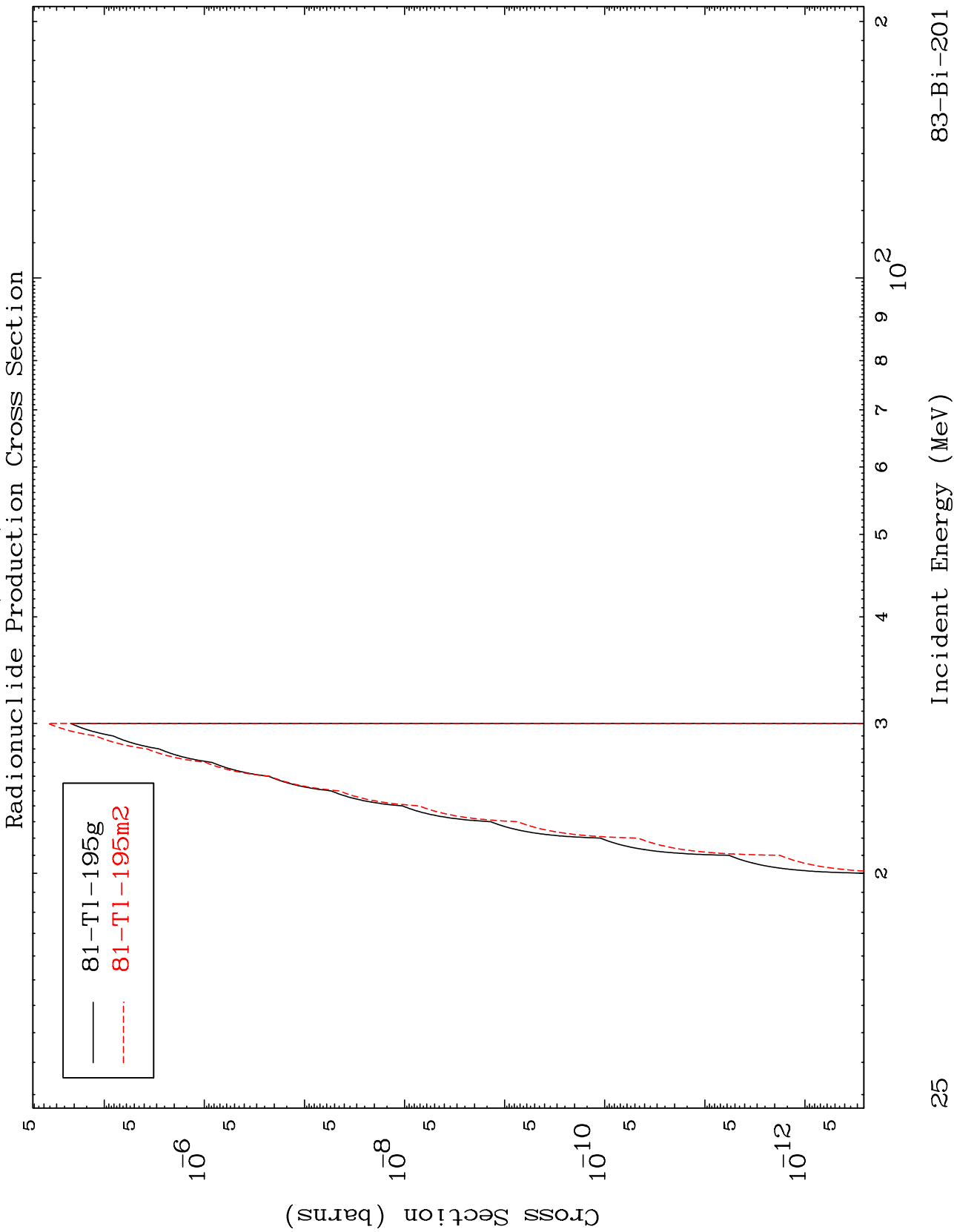
83-Bi-201



MAT 8302

$(n,3n) \alpha$

83-Bi-201

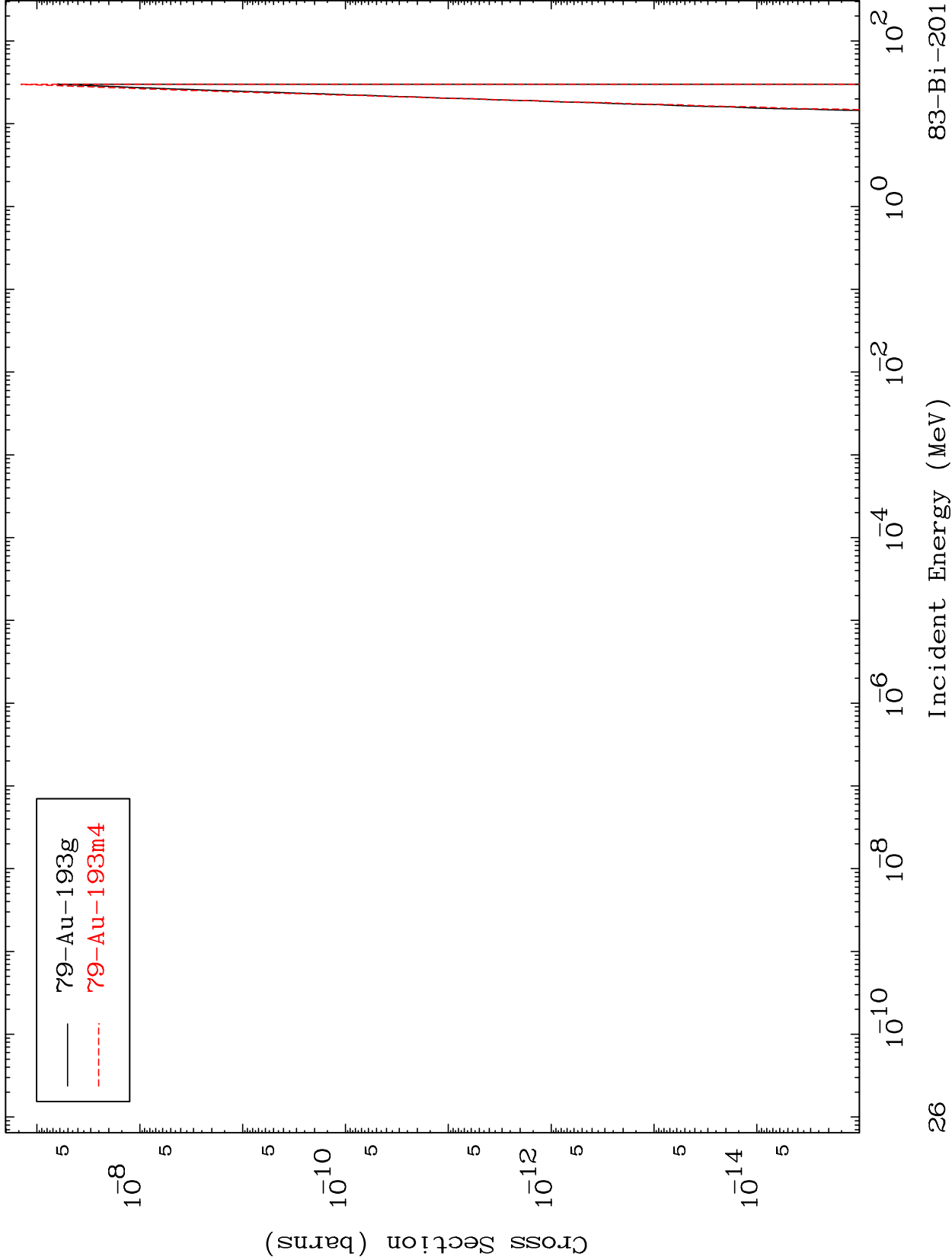


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(n,n') 2 α

83-Bi-201

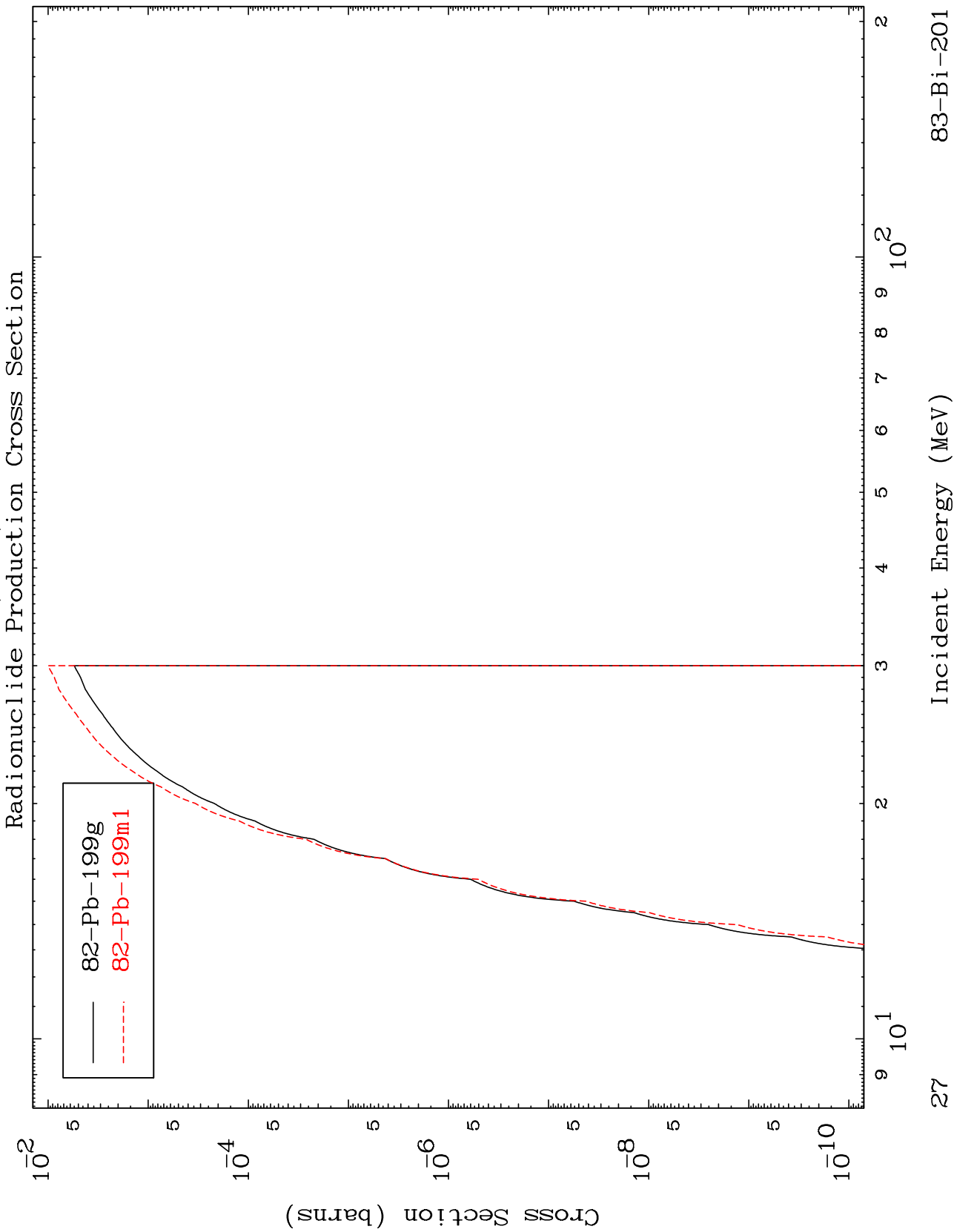
Radionuclide Production Cross Section



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(n,n') d

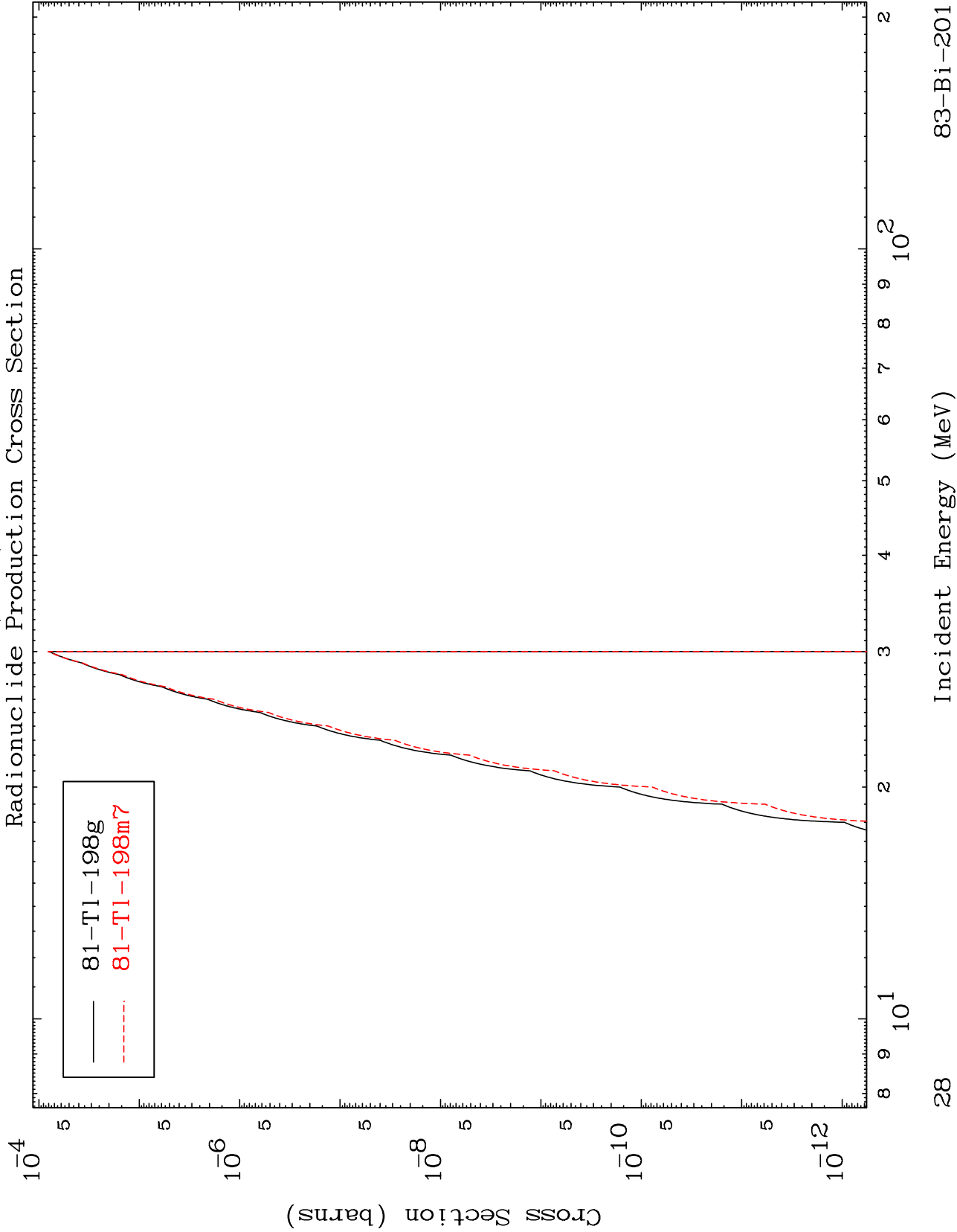
83-Bi-201



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(n,n') He-3

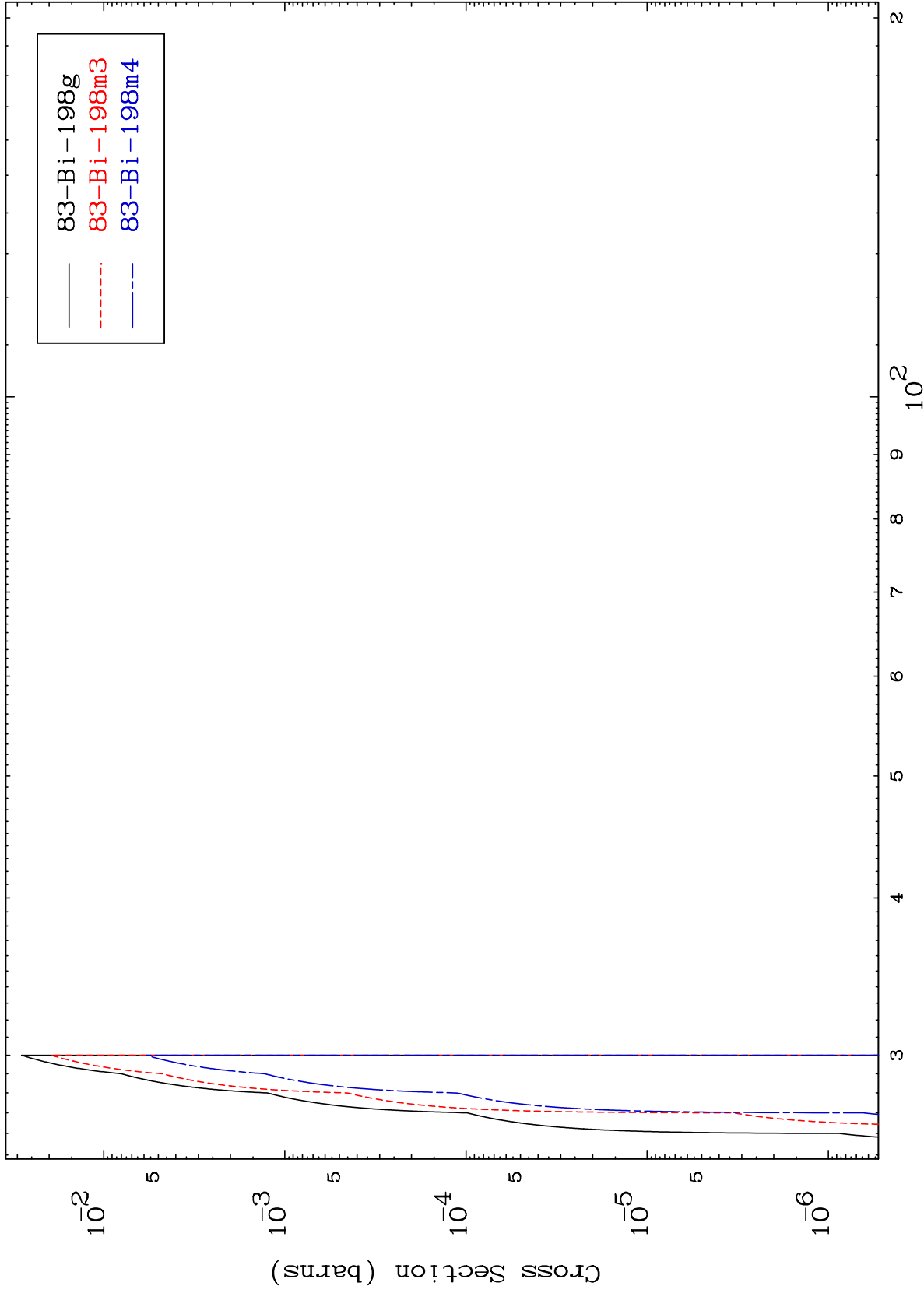
83-Bi-201



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83-Bi-201

(n,4n)
Radionuclide Production Cross Section

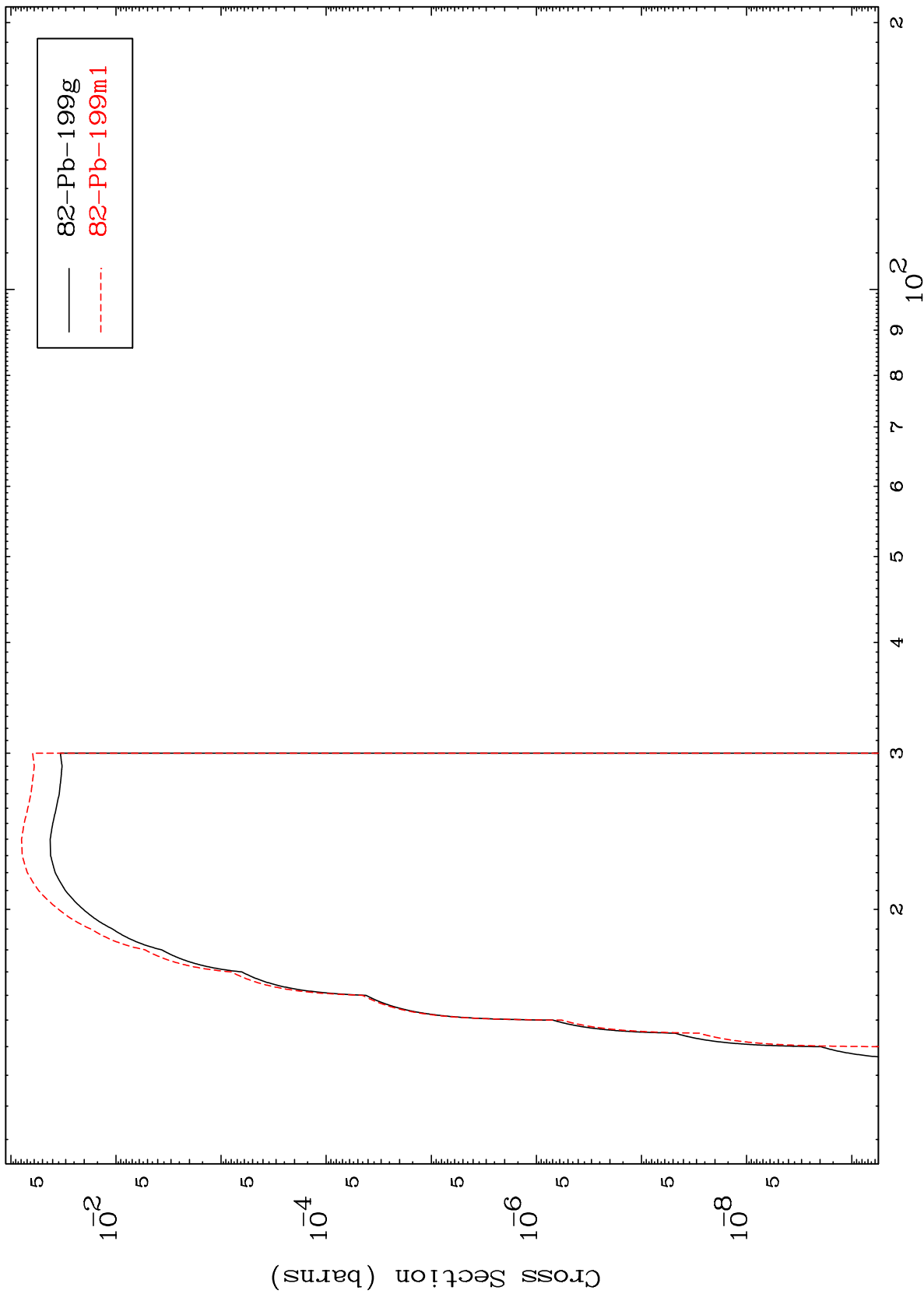


29

83-Bi-201

Incident Energy (MeV)

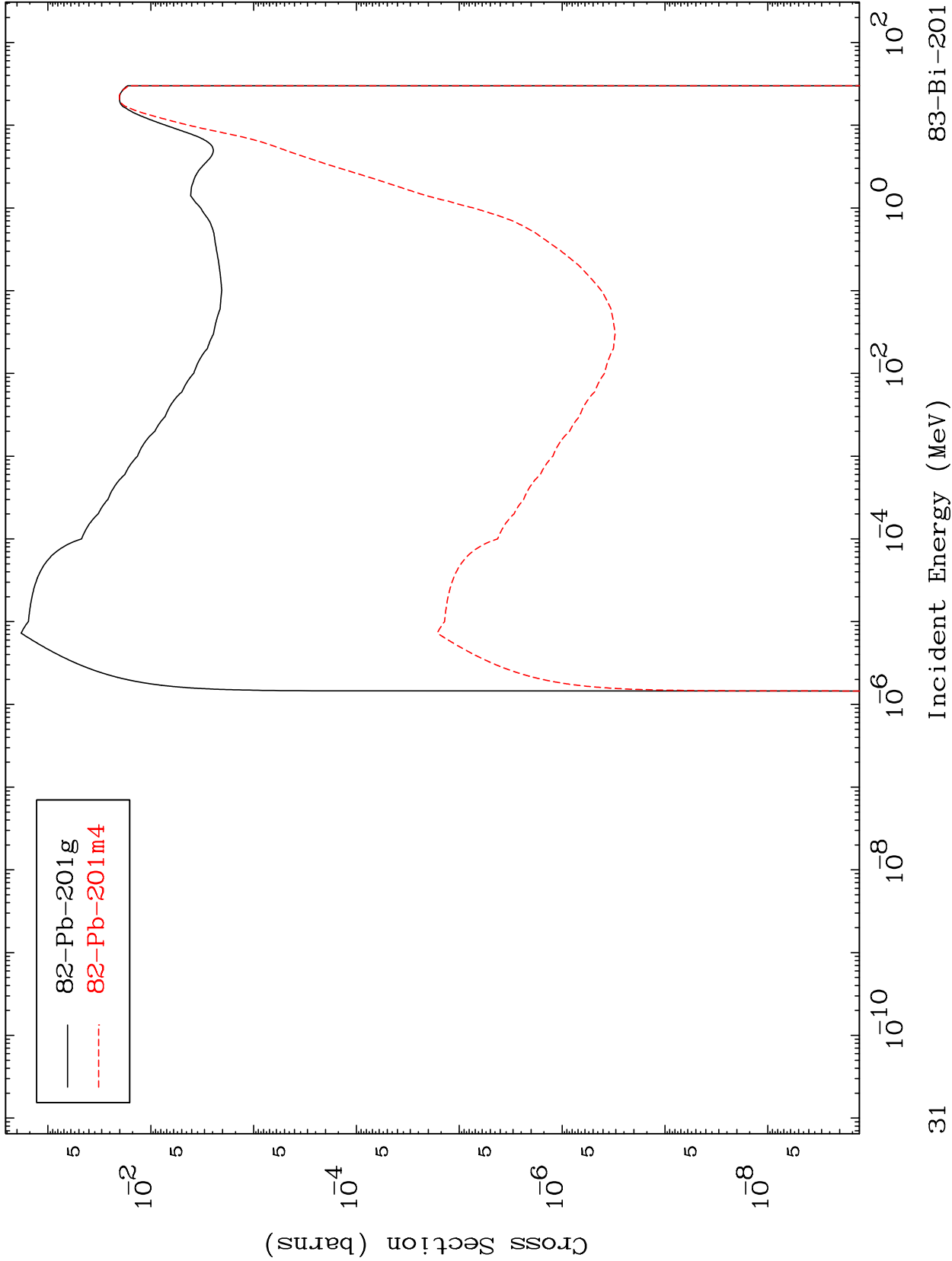
Radionuclide Production Cross Section



MAT 8302

83-Bi-201

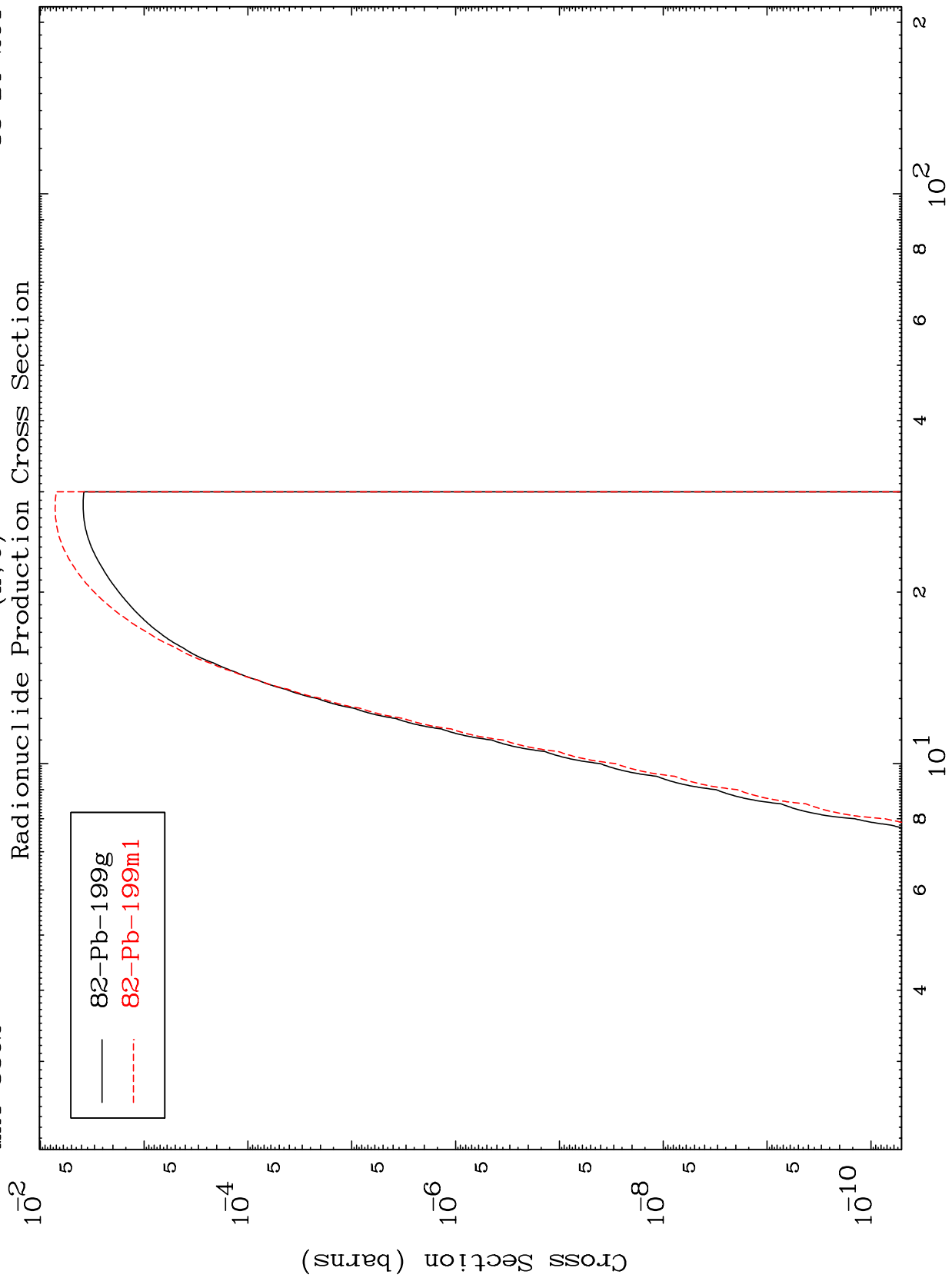
(n,p)
Radionuclide Production Cross Section



MAT 8302

83-Bi-201

(n, t)
Radionuclide Production Cross Section



— 82-Pb-199g
- - - 82-Pb-199m1

83-Bi-201

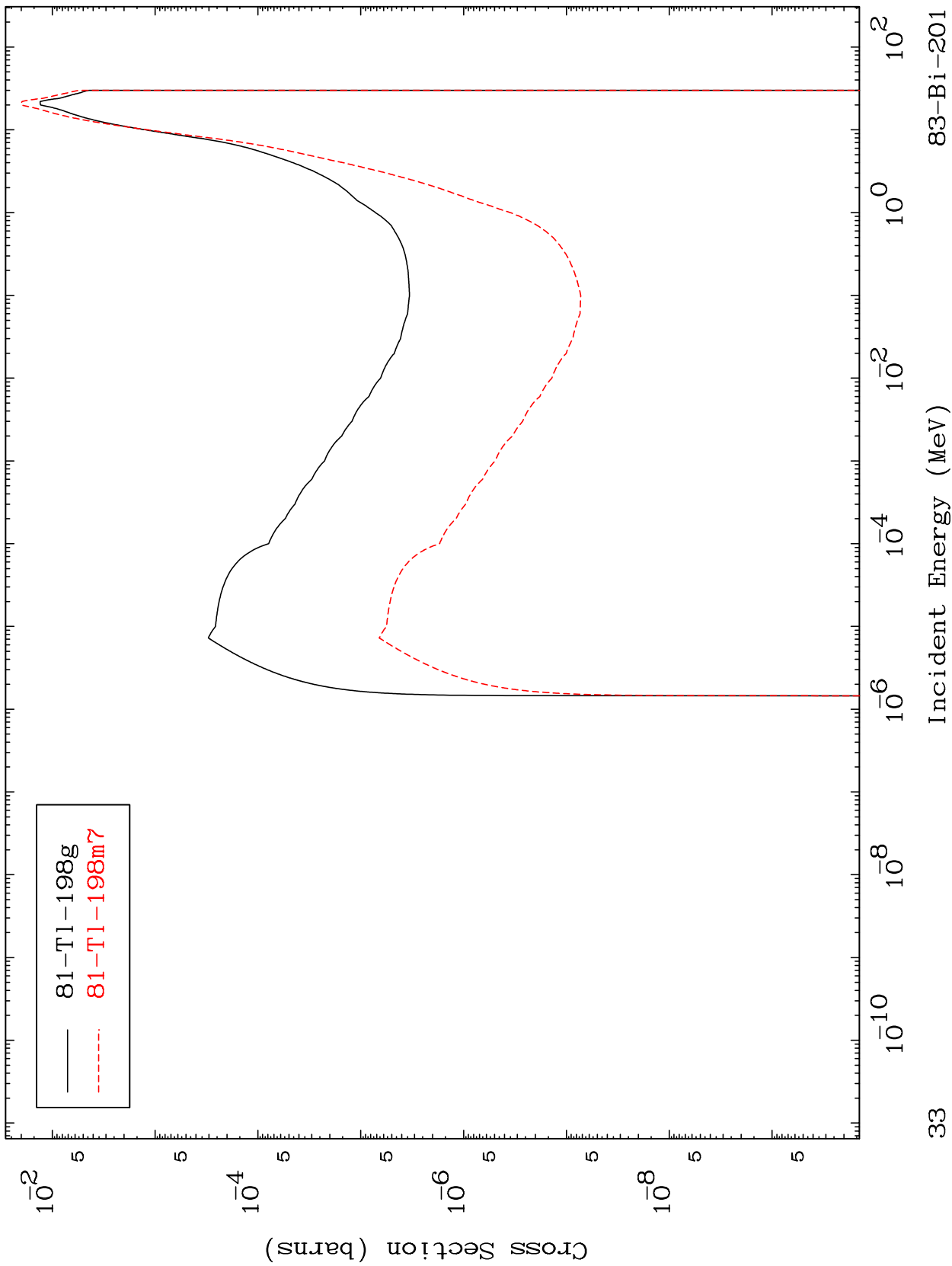
Incident Energy (MeV)

32

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83-Bi-201

(n, α)
Radionuclide Production Cross Section

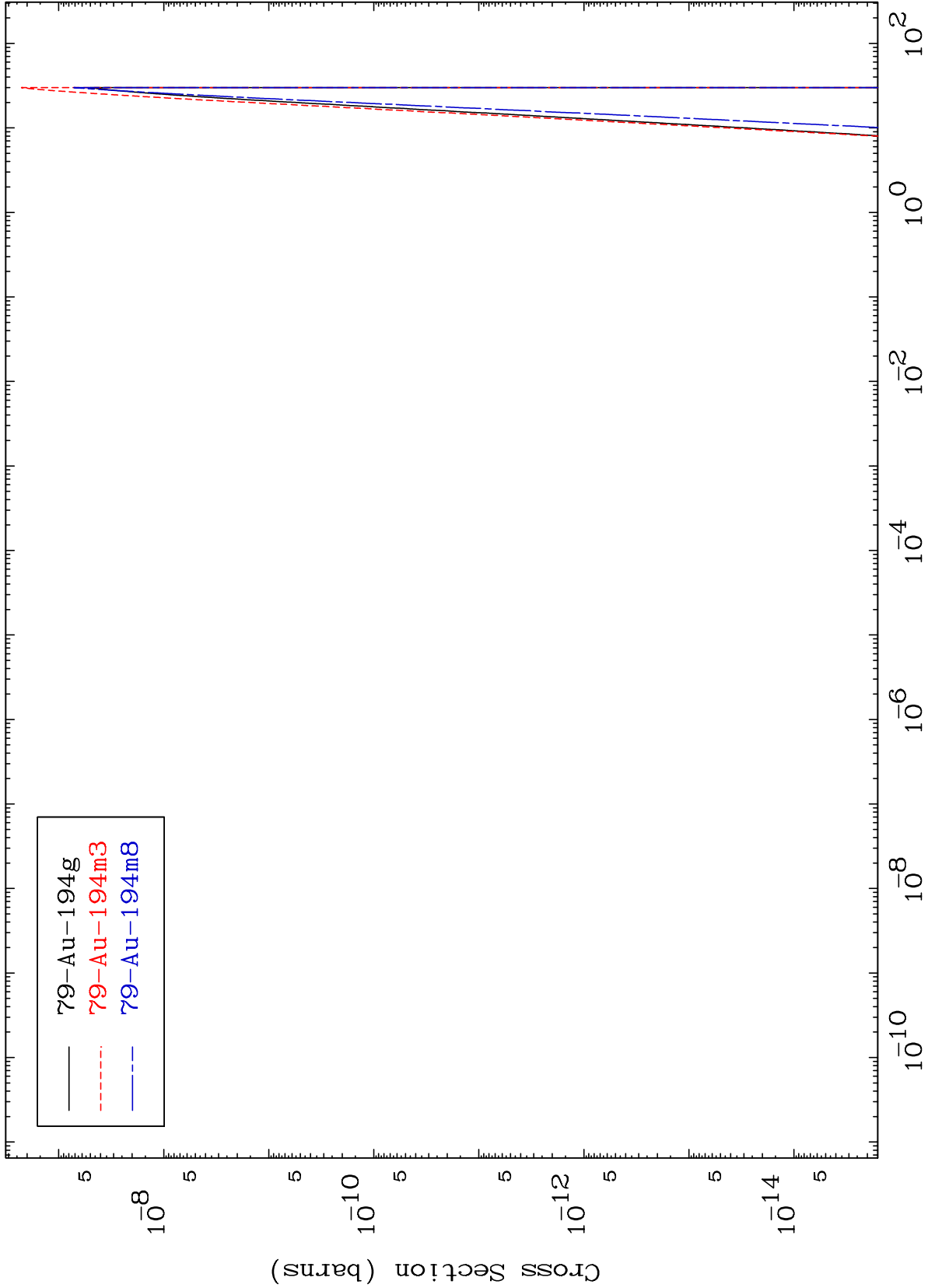


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$(n, 2\alpha)$

$^{83}\text{Bi-201}$

Radionuclide Production Cross Section

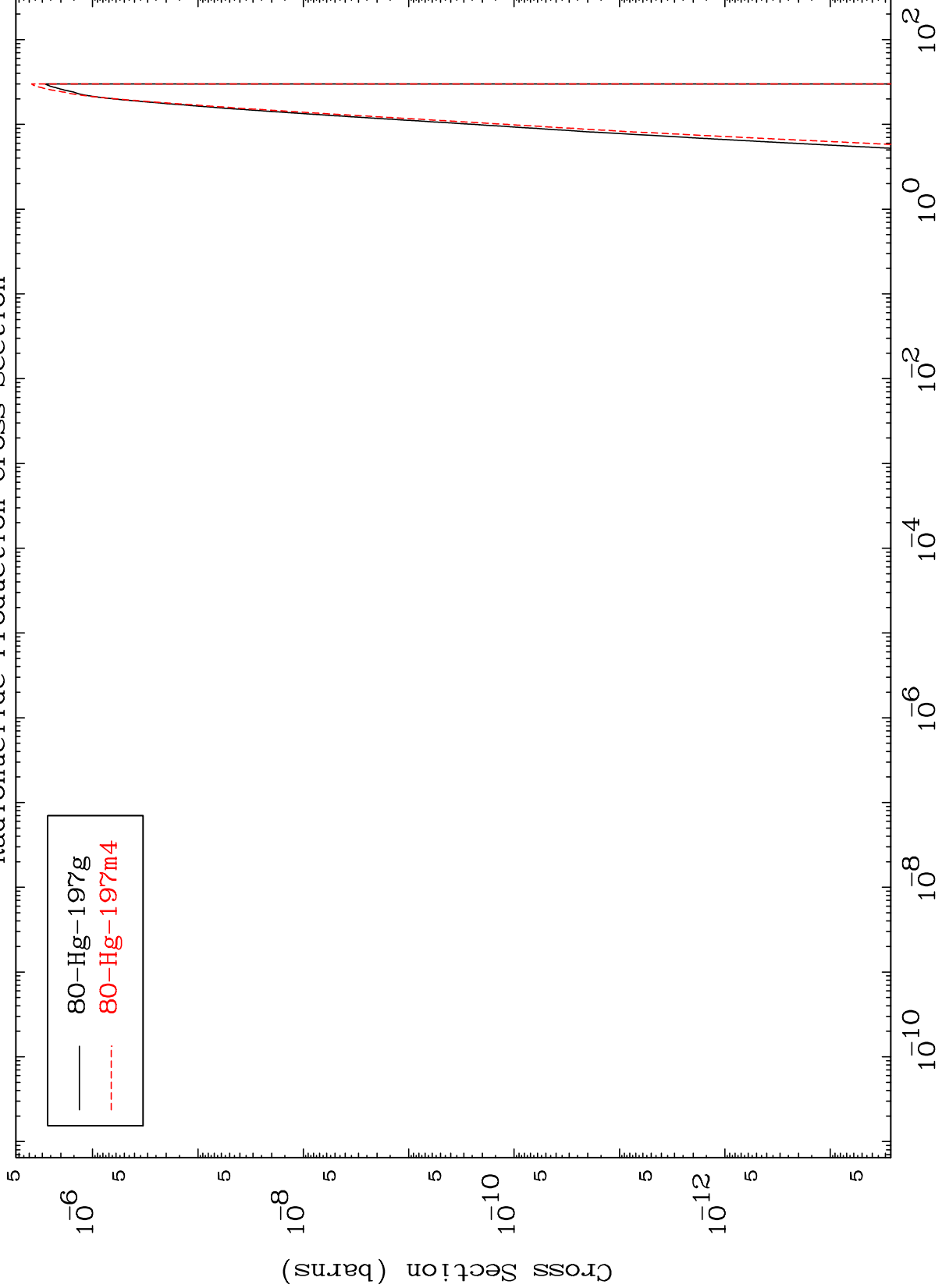


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(n,p) α

⁸³Bi-201

Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

Incident Energy (MeV)

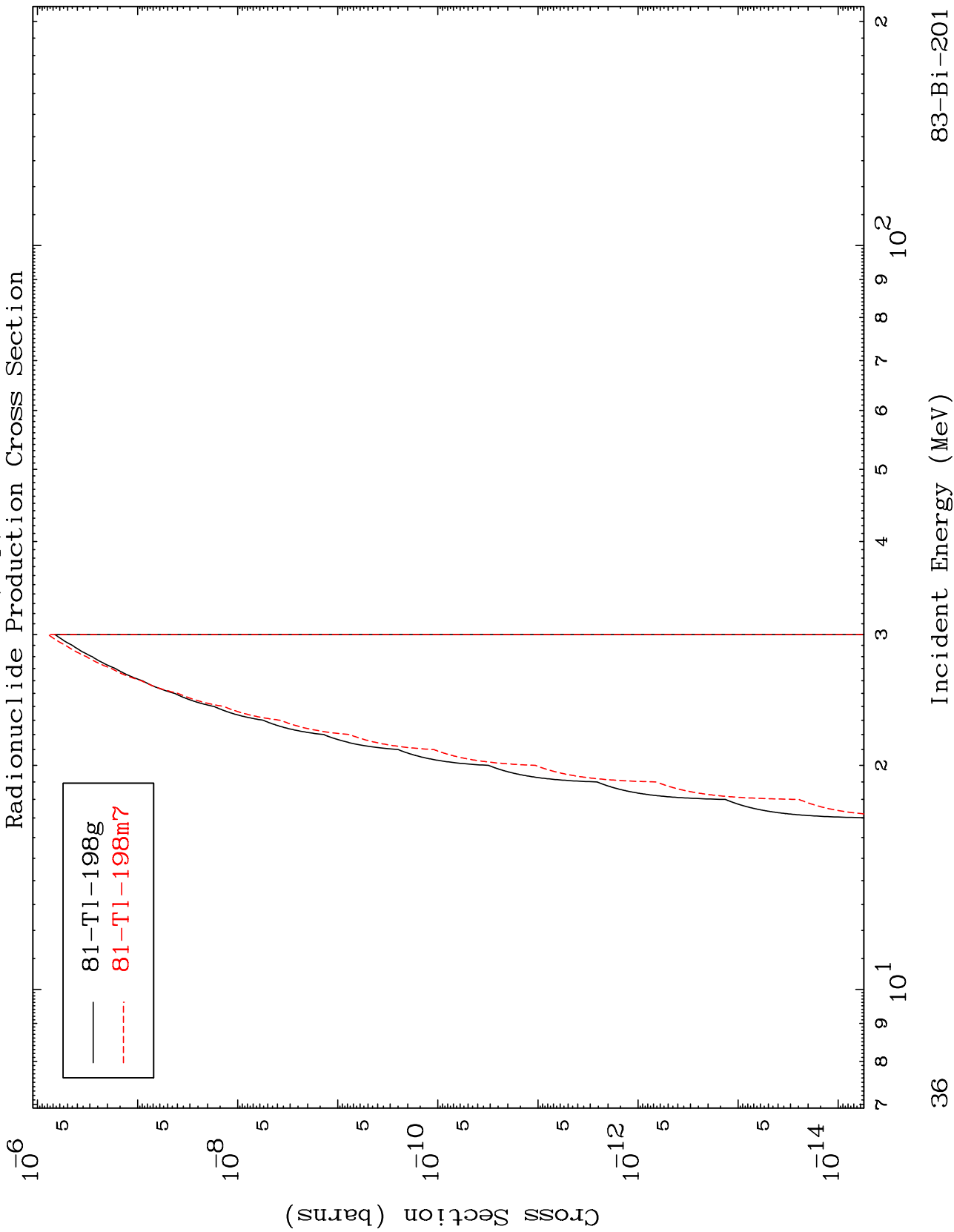
⁸³Bi-201

35

MAT 8302

(n,p) t

83-Bi-201



36