

Program EVALPLOT
(Version 2015-2)

by

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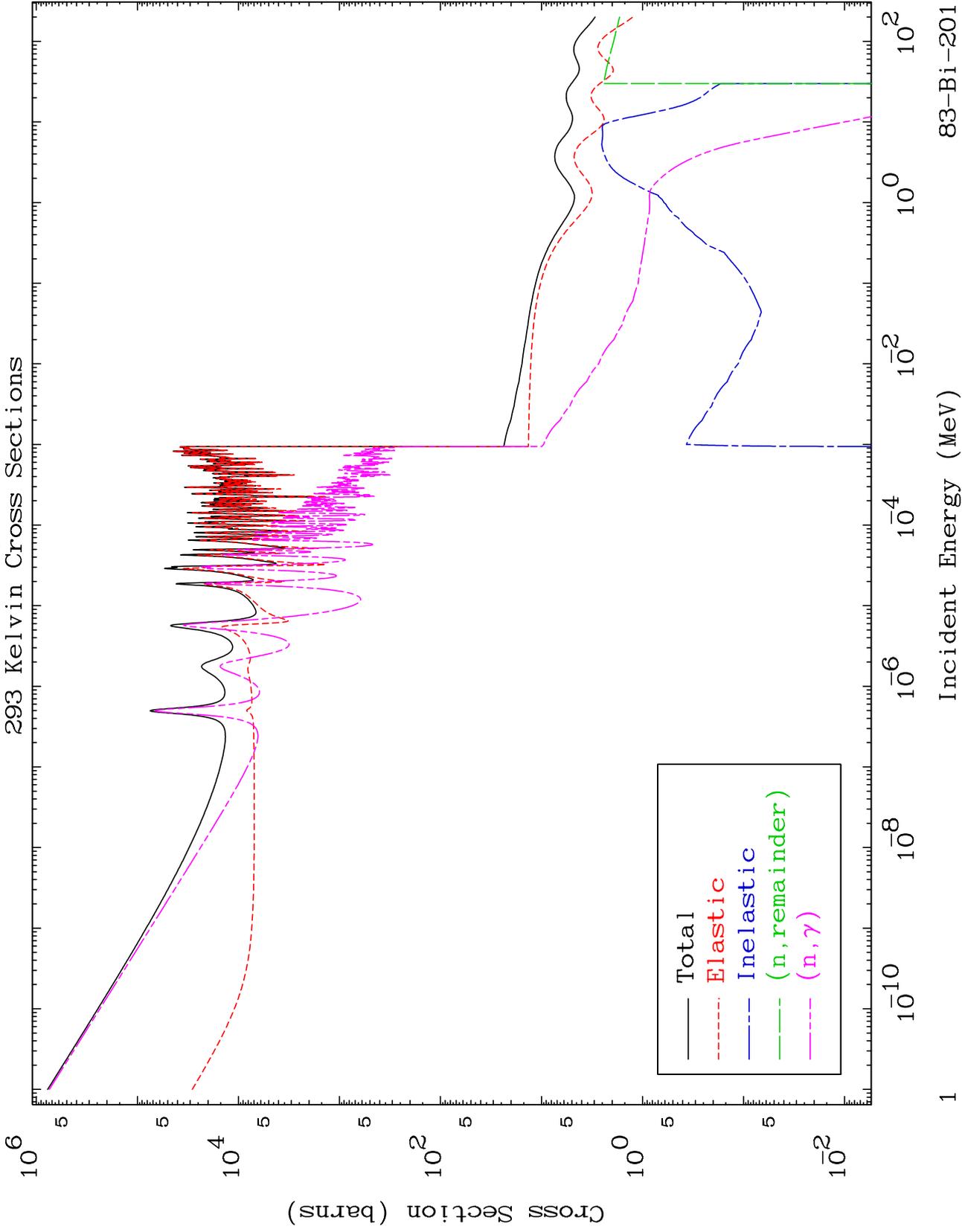
Press Mouse Button to Start

MAT 8302

Major

293 Kelvin Cross Sections

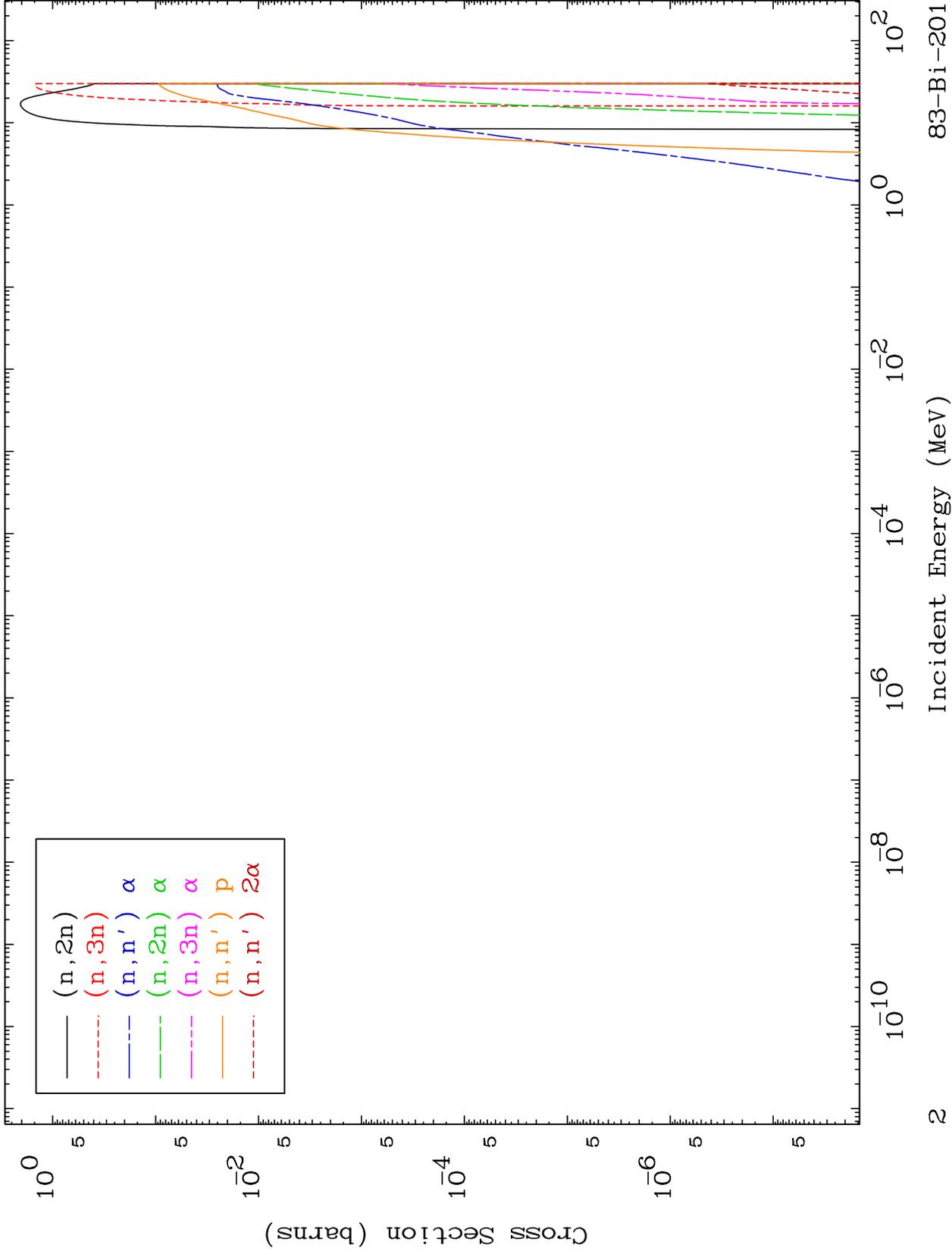
83-Bi-201



MAT 8302

Neutron Production
293 Kelvin Cross Sections

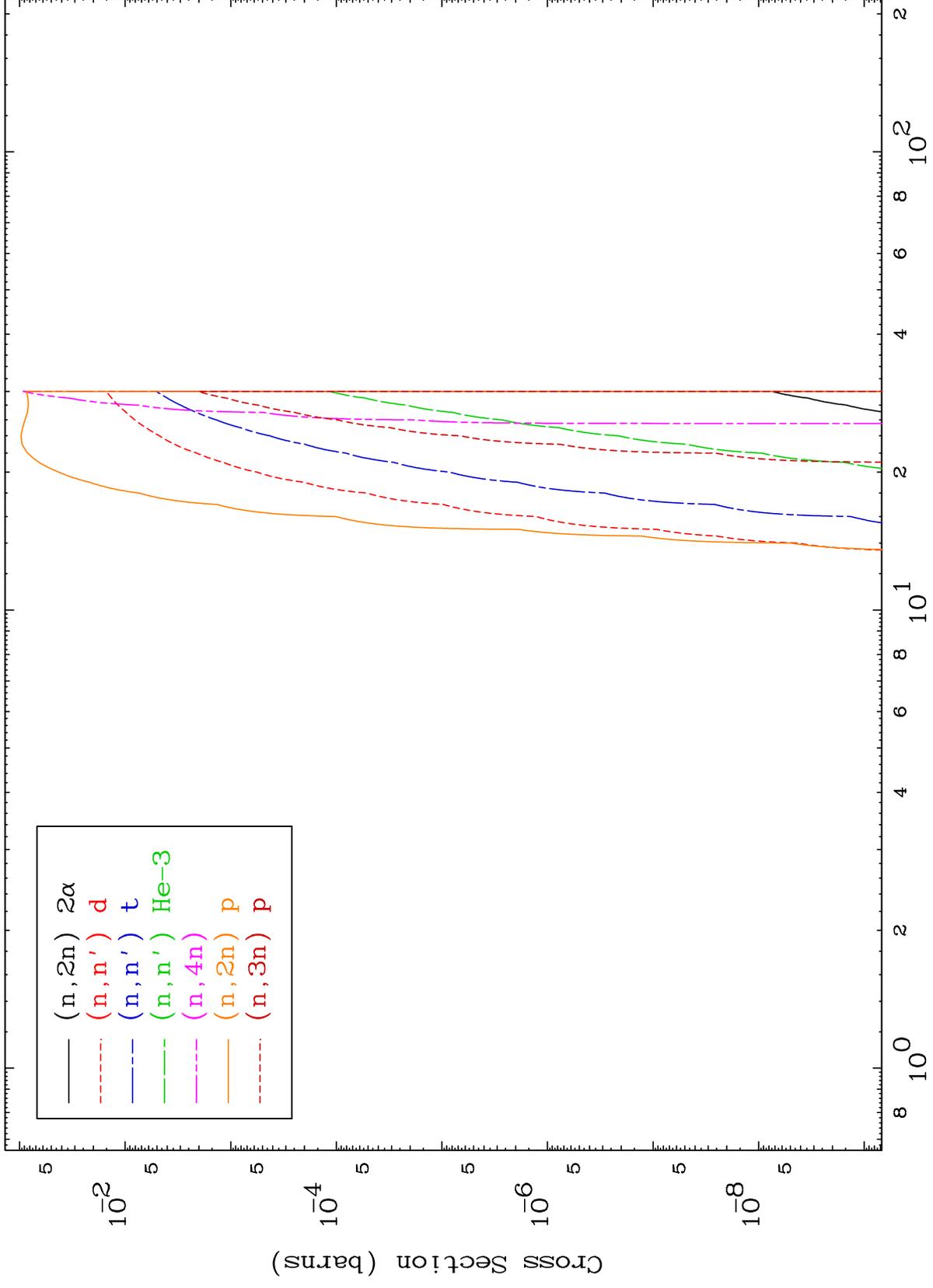
83-Bi-201



MAT 8302

Neutron Production
293 Kelvin Cross Sections

83-Bi-201



3

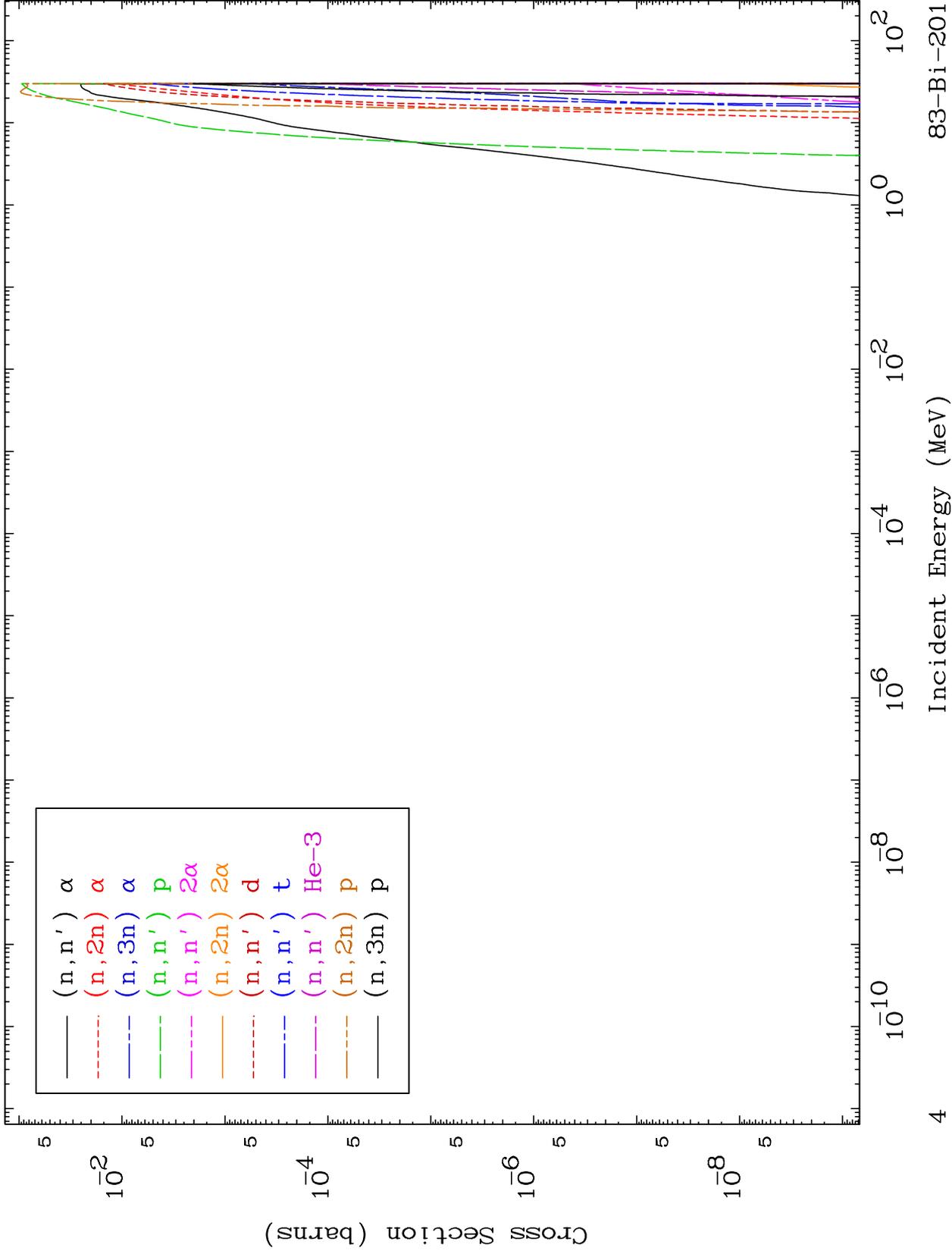
Incident Energy (MeV)

83-Bi-201

MAT 8302

Charged Particle
293 Kelvin Cross Sections

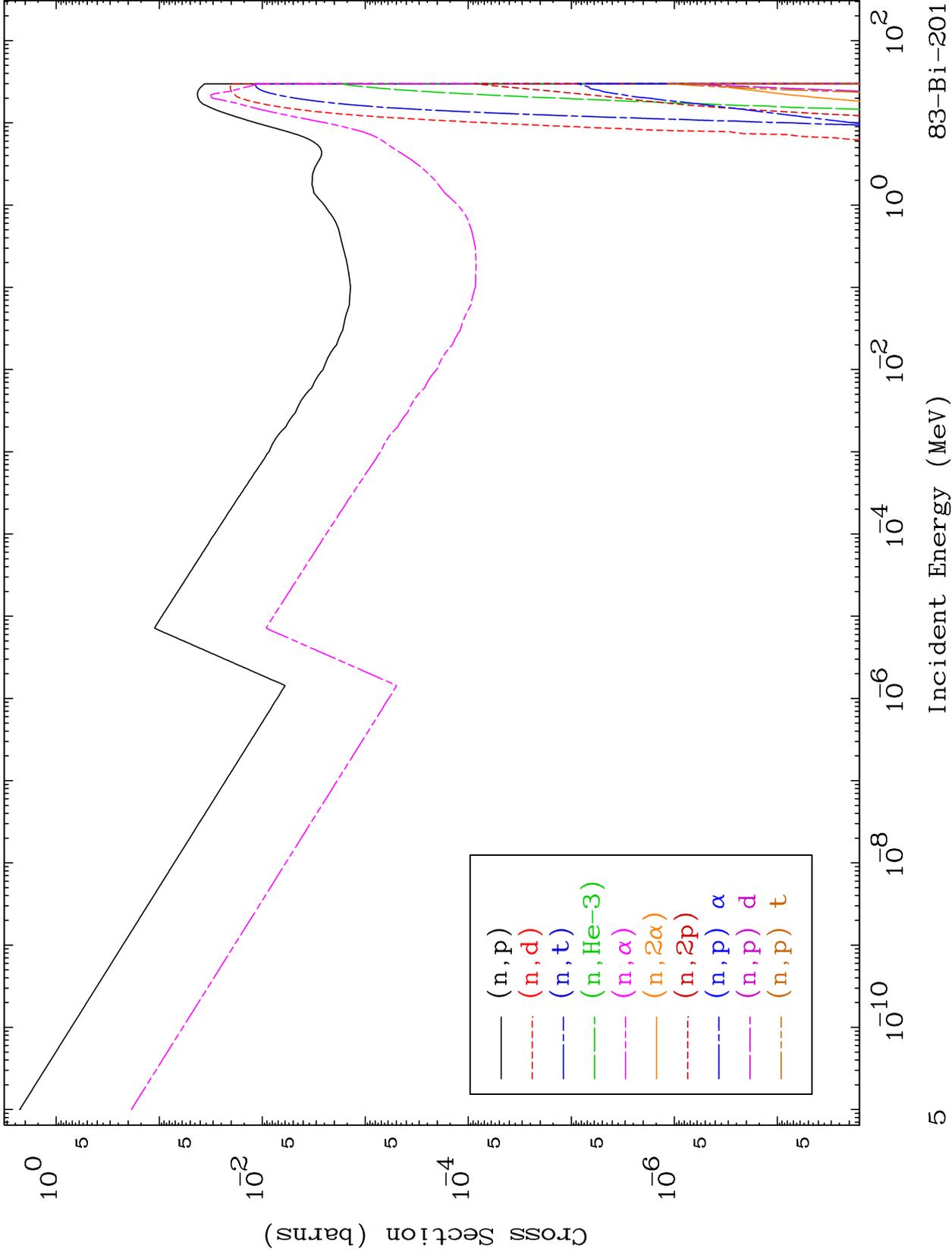
83-Bi-201



MAT 8302

Charged Particle
293 Kelvin Cross Sections

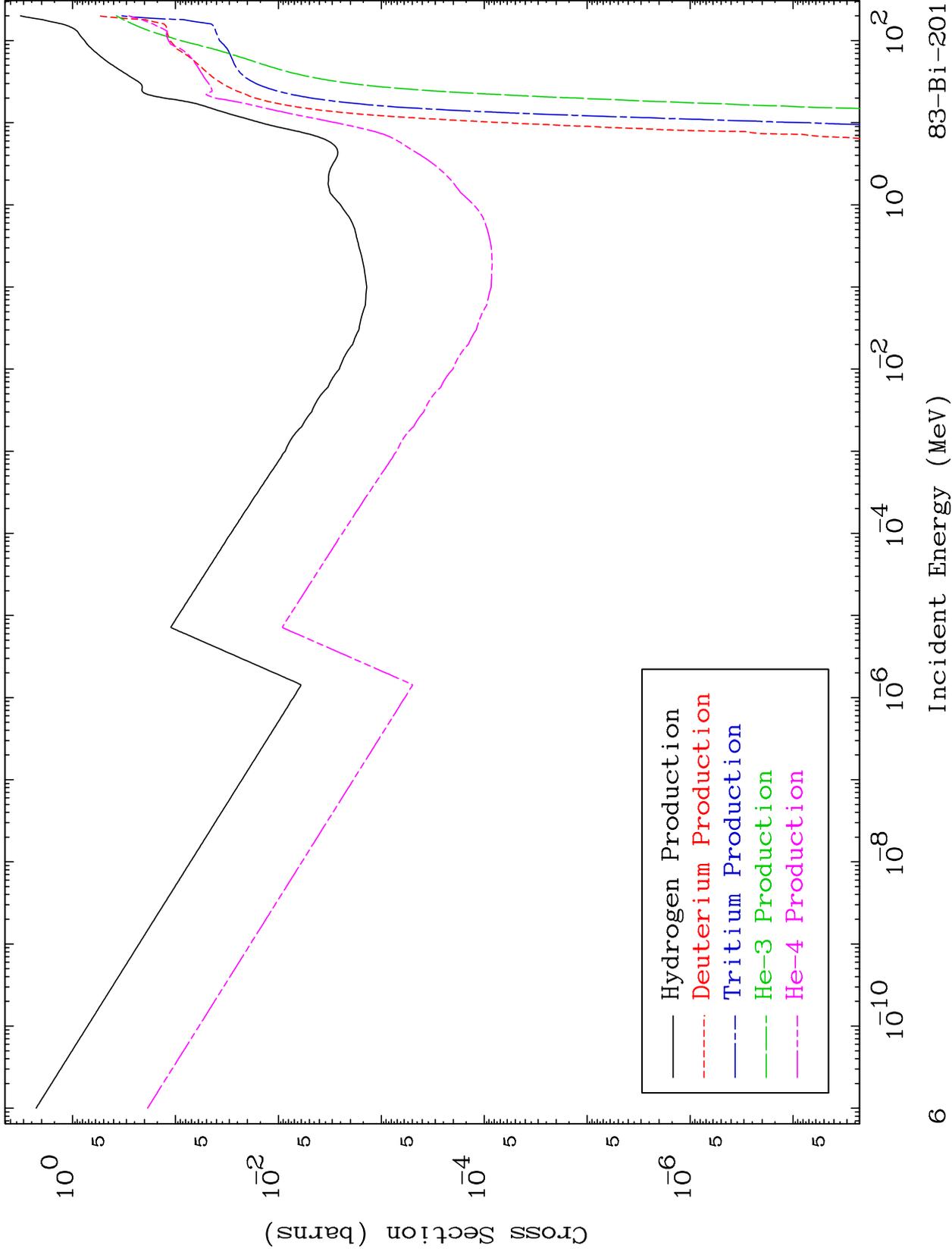
83-Bi-201



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Particle Production
293 Kelvin Cross Sections

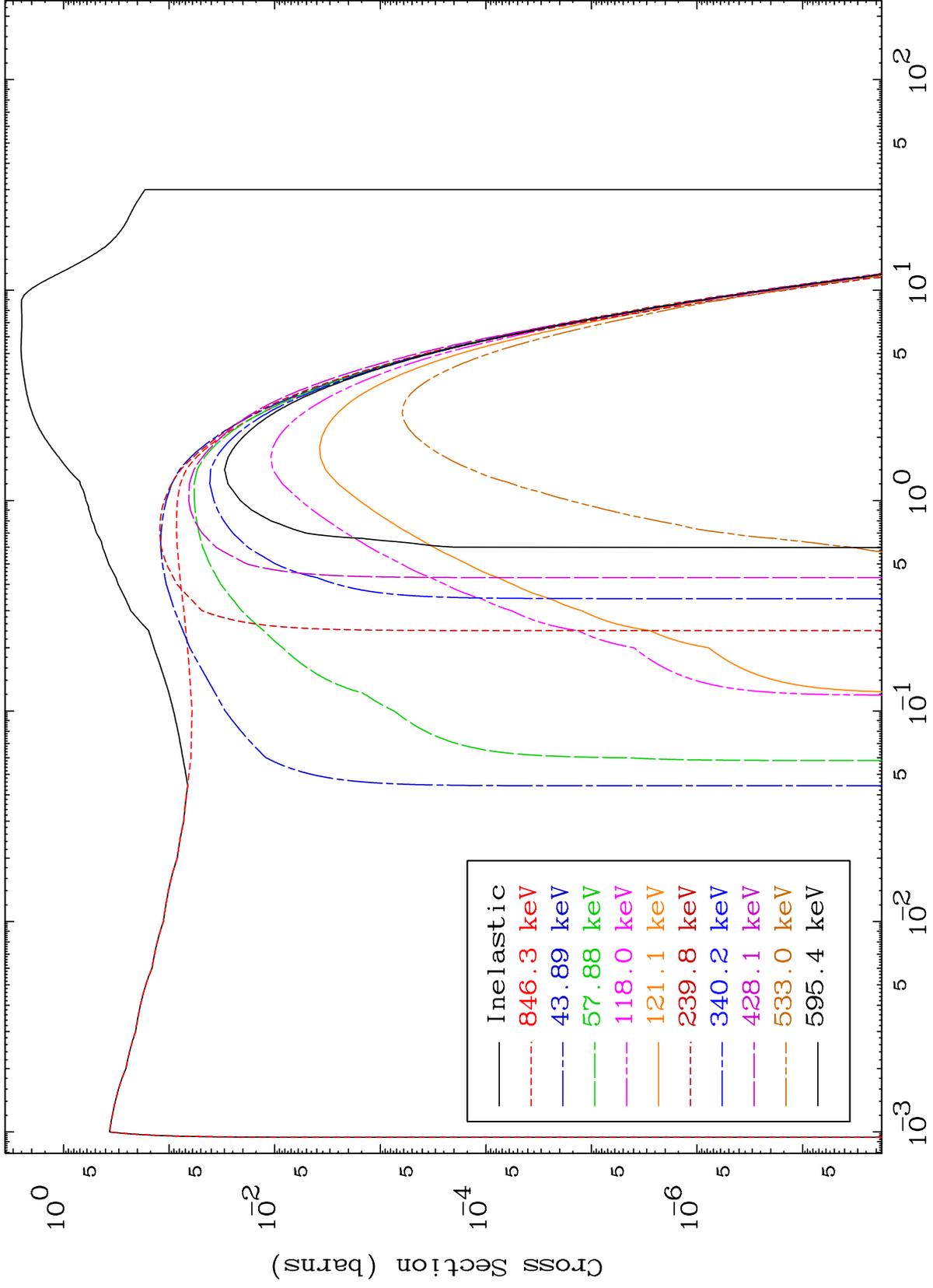
83-Bi-201



MAT 8302

(n,n') Level
293 Kelvin Cross Sections

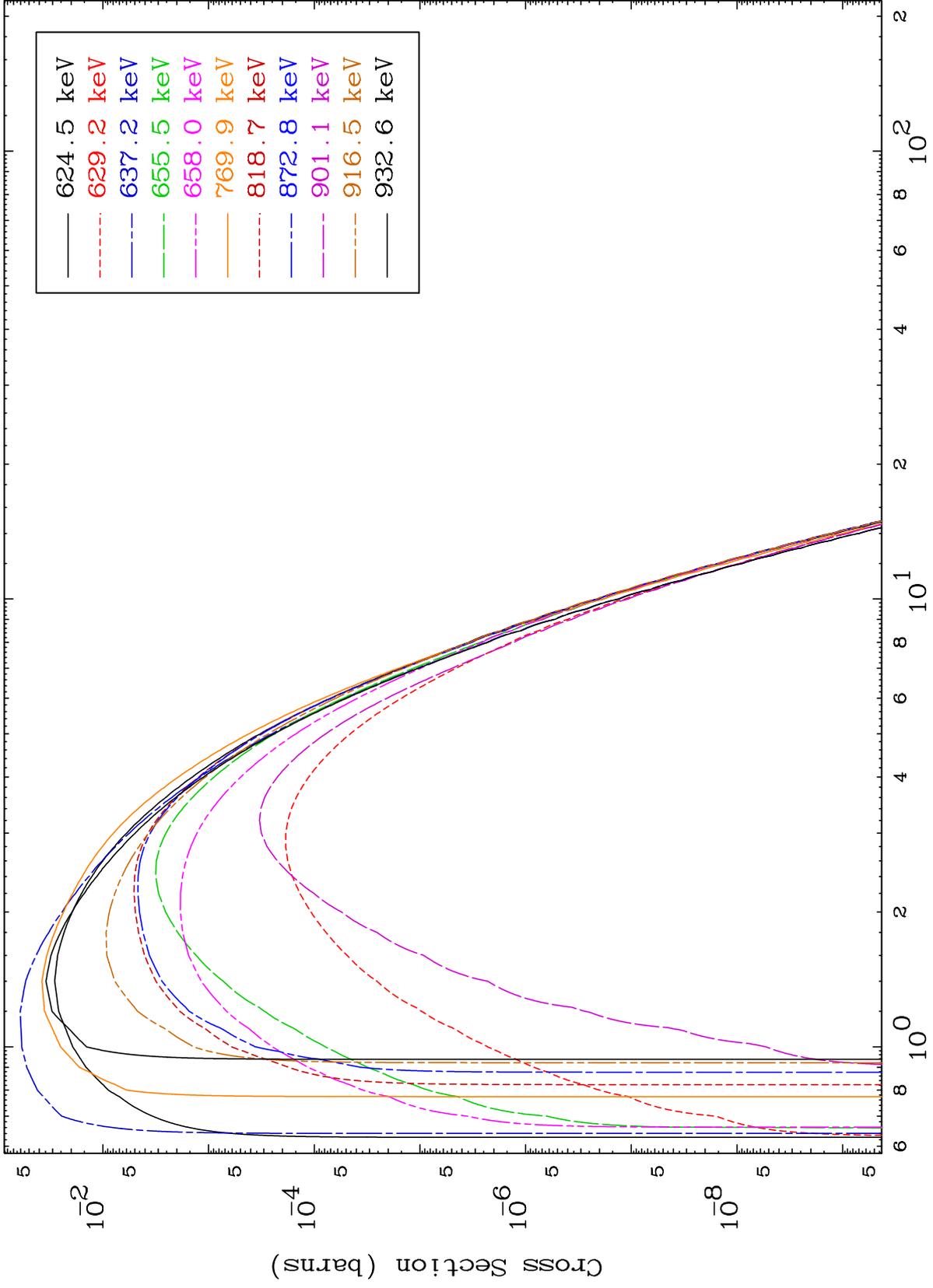
83-Bi-201



MAT 8302

(n,n') Level
293 Kelvin Cross Sections

83-Bi-201



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Incident Energy (MeV)

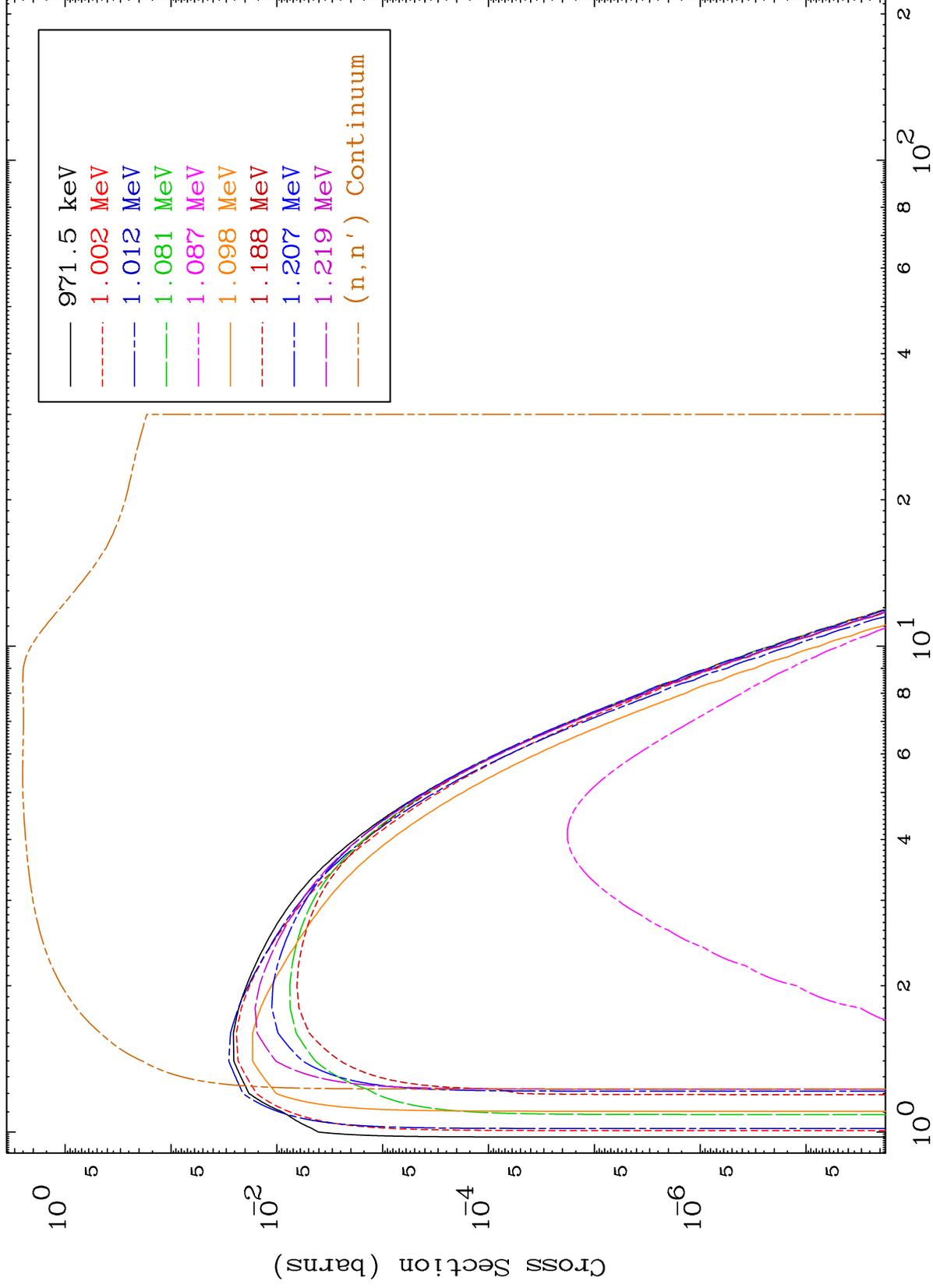
83-Bi-201

MAT 8302

(n,n') Level

83-Bi-201

293 Kelvin Cross Sections



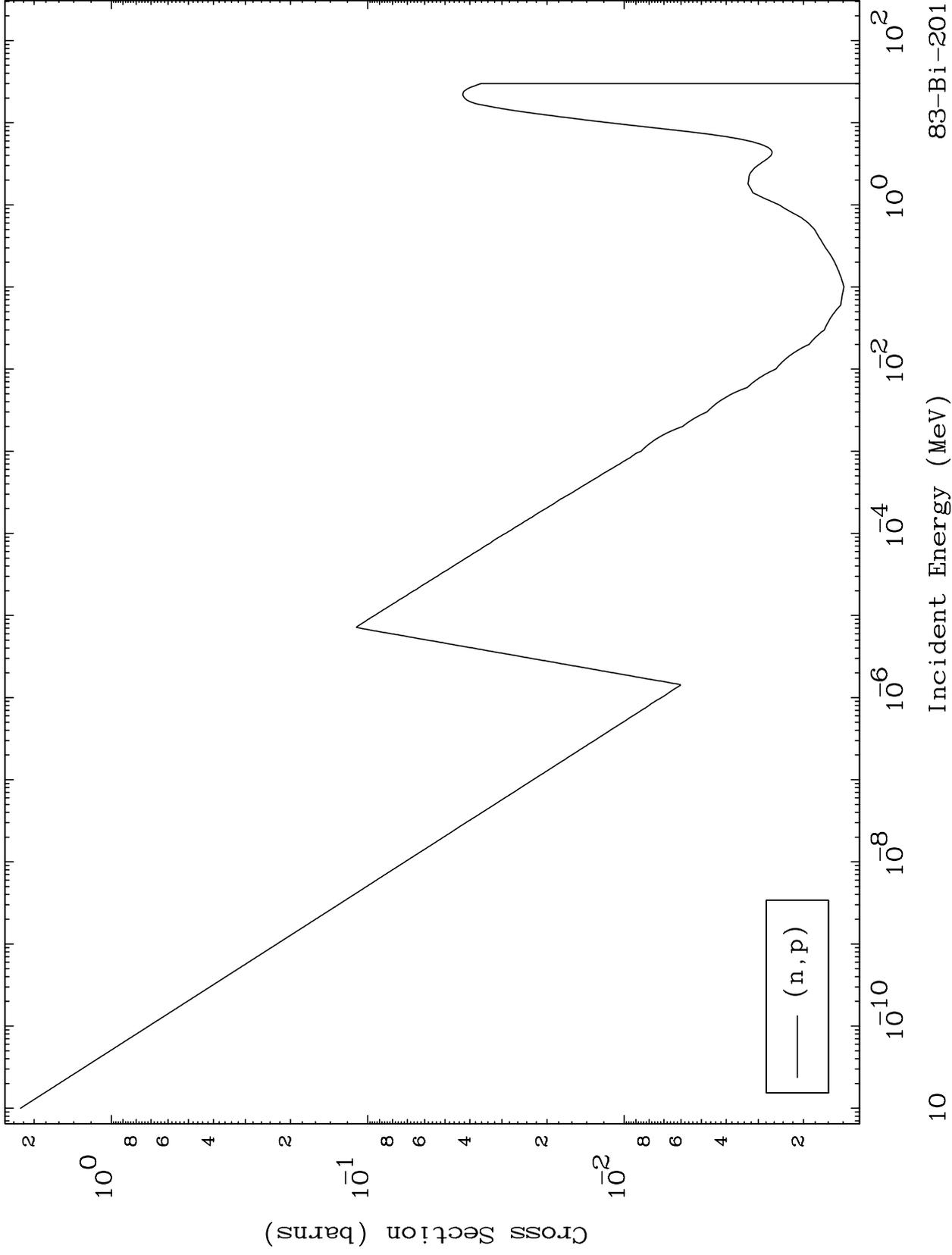
Incident Energy (MeV)

83-Bi-201

MAT 8302

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-201

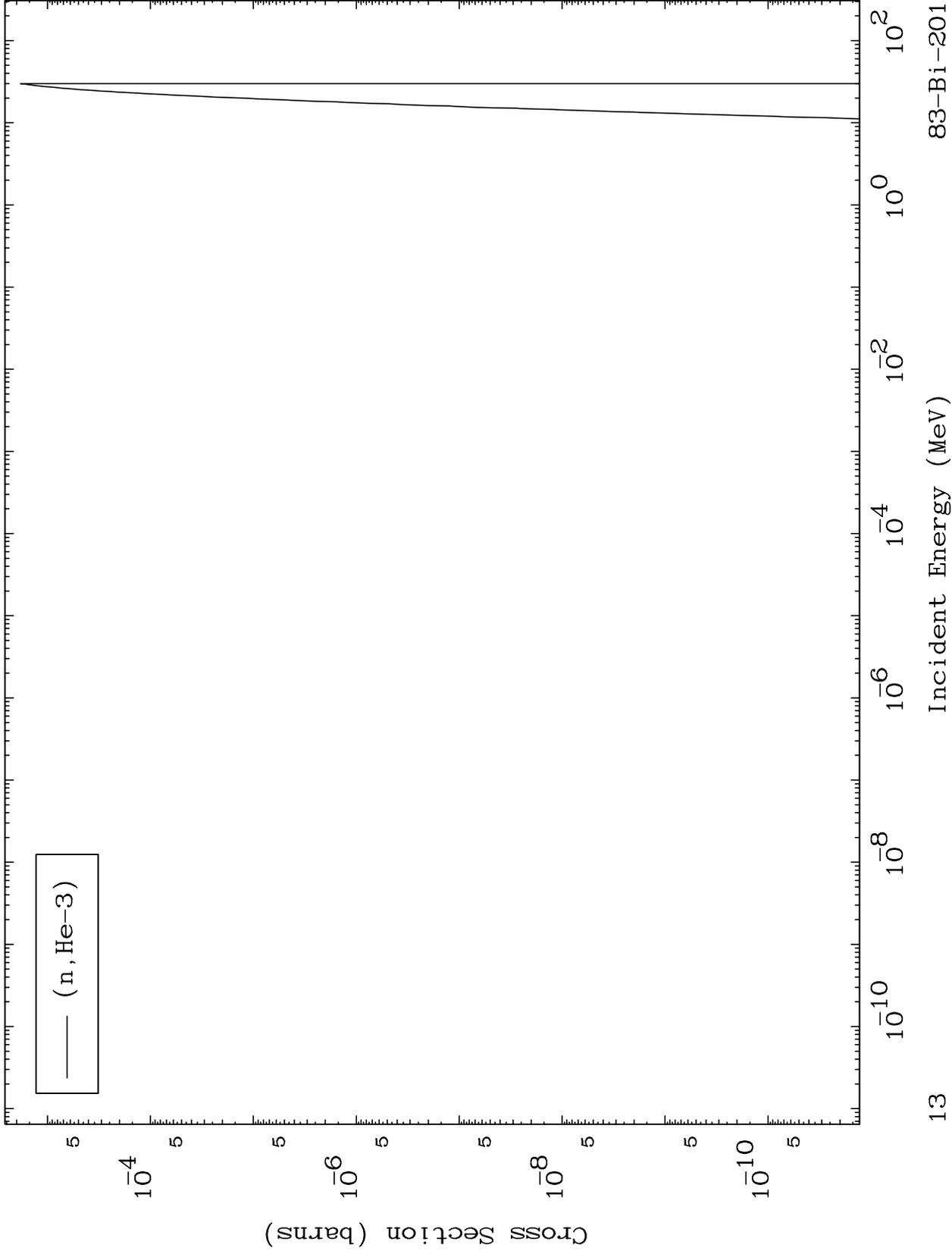


10

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(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-201



13

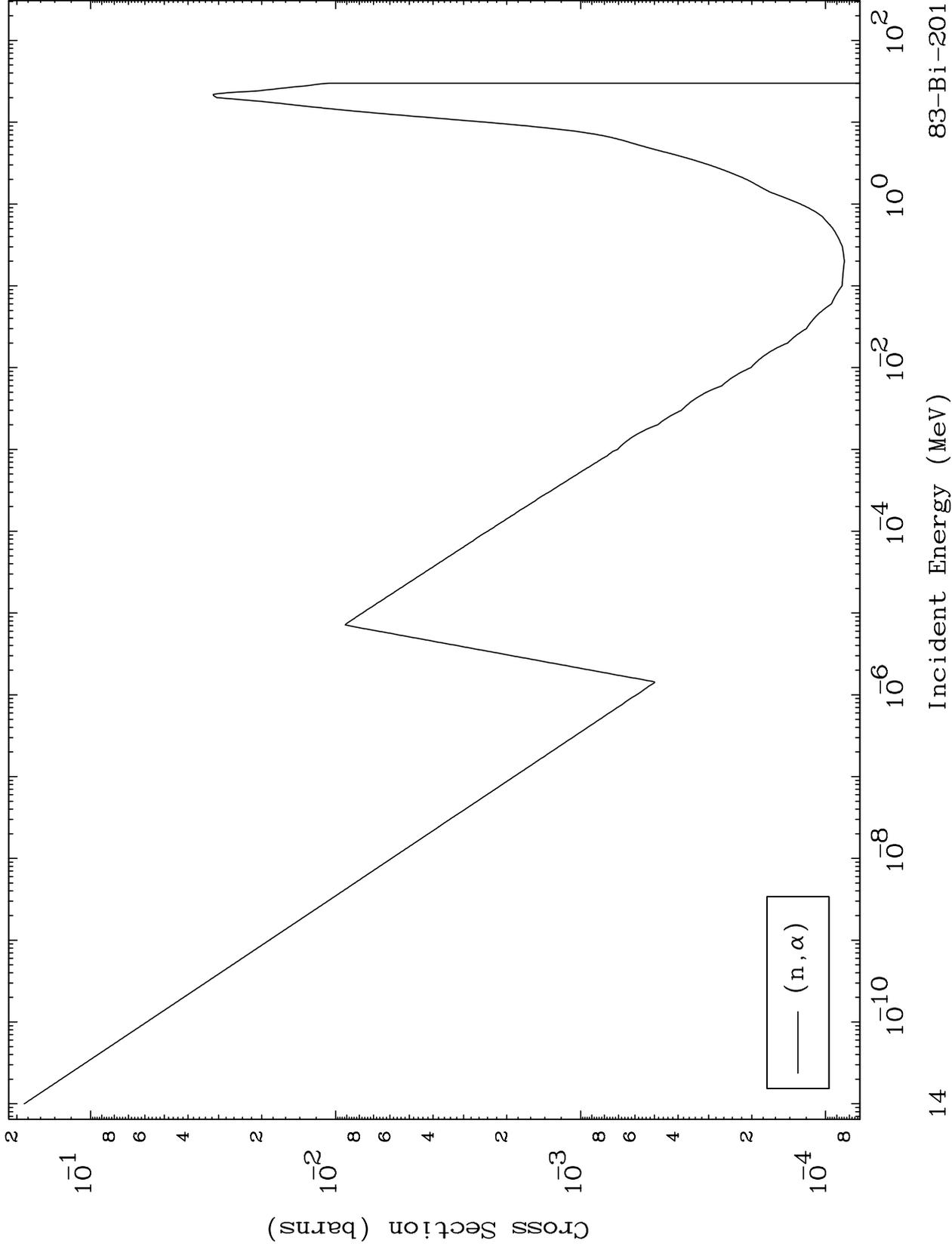
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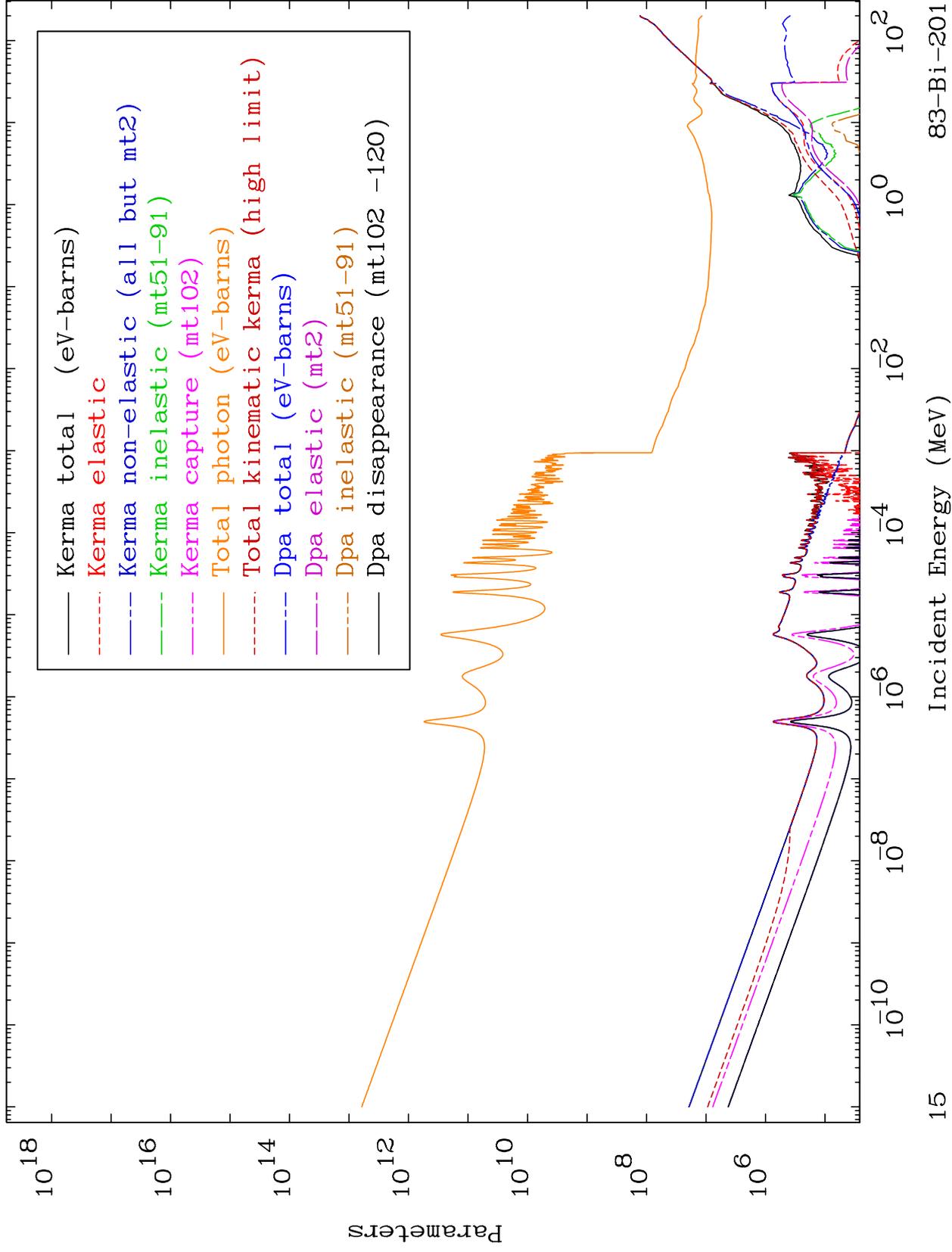
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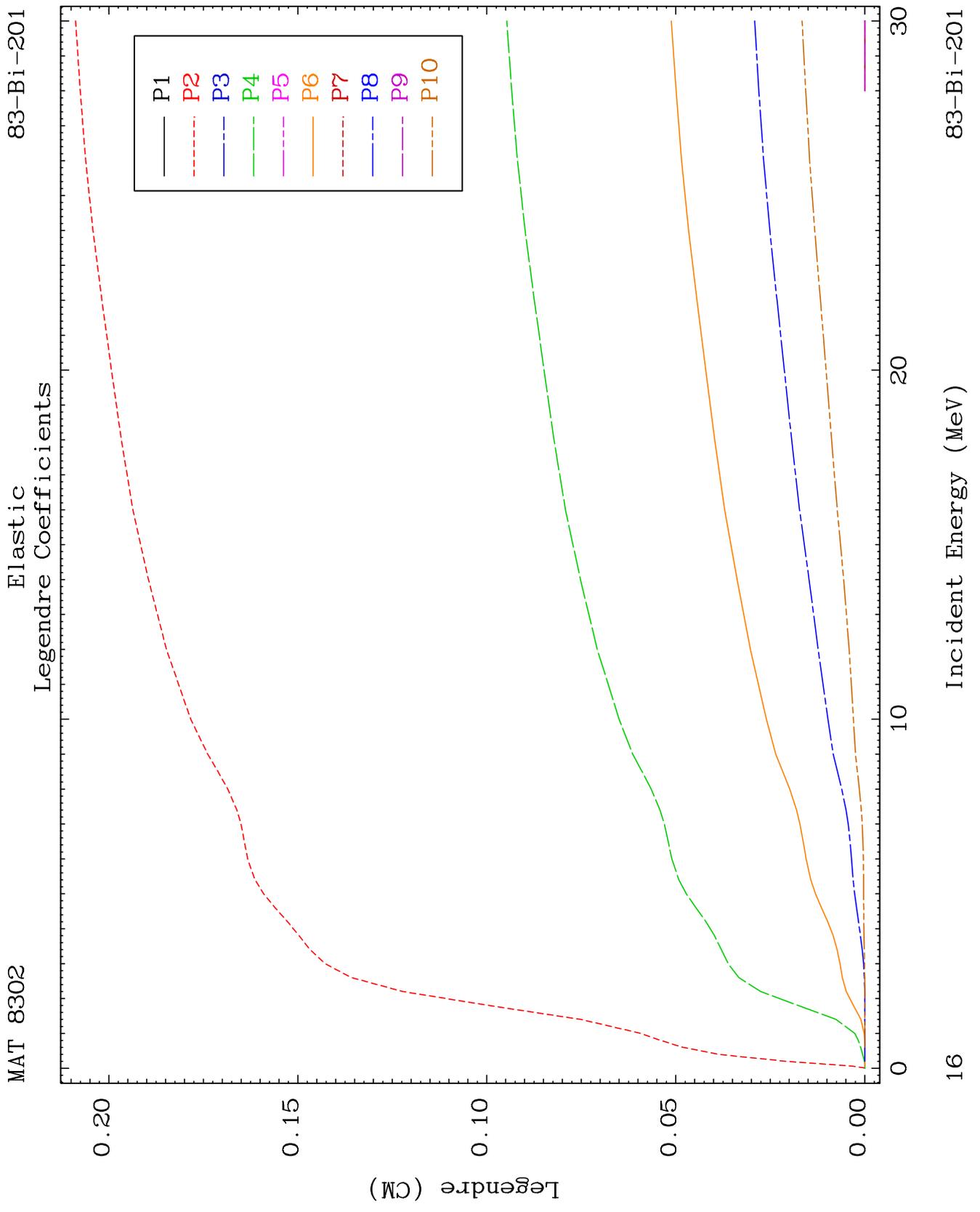
MAT 8302

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-201



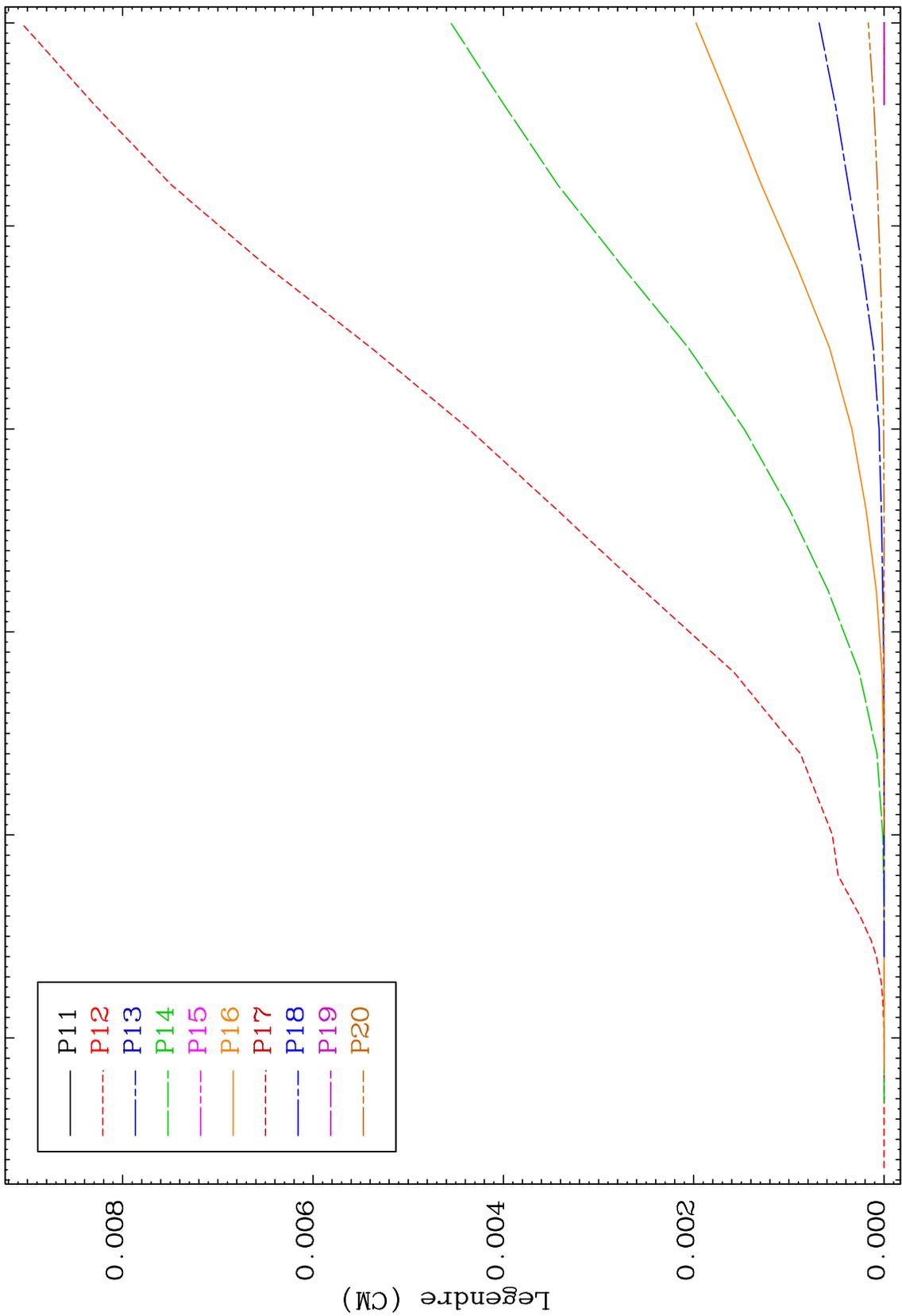




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Elastic Legendre Coefficients

83-Bi-201



17

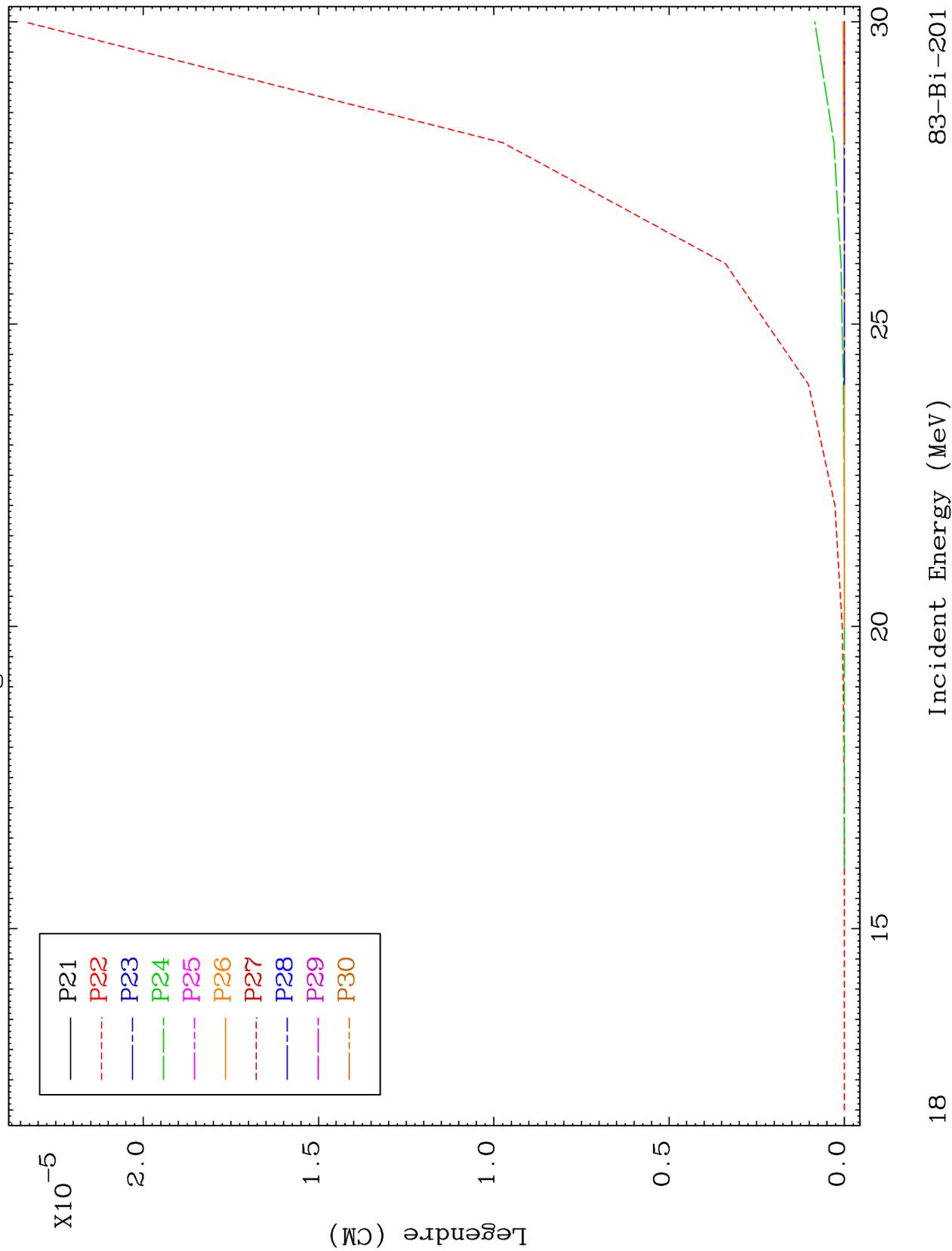
83-Bi-201

Incident Energy (MeV)

MAT 8302

Elastic Legendre Coefficients

83-Bi-201



18

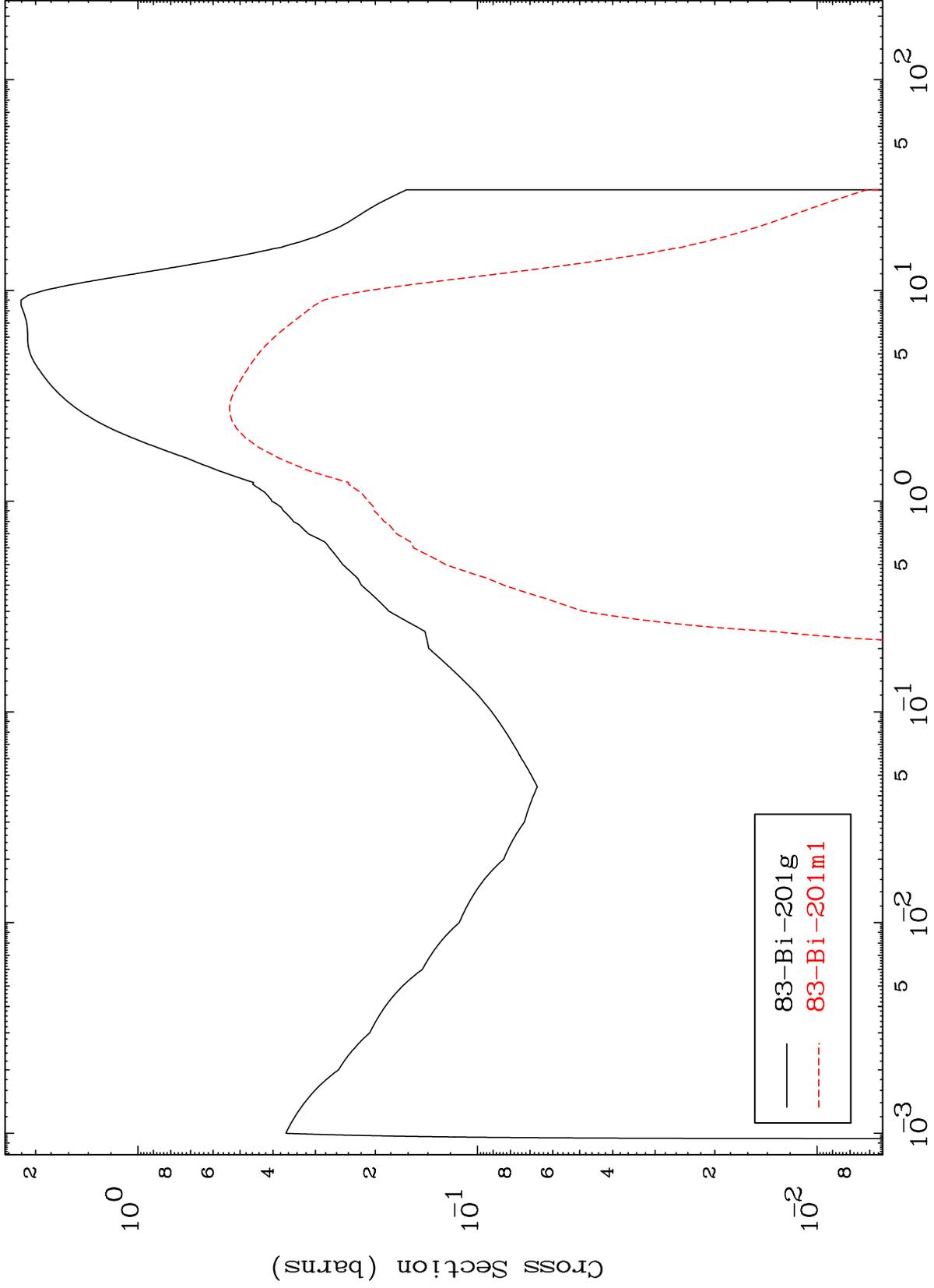
Incident Energy (MeV)

83-Bi-201

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Inelastic
Radionuclide Production Cross Section

83-Bi-201



19

Incident Energy (MeV)

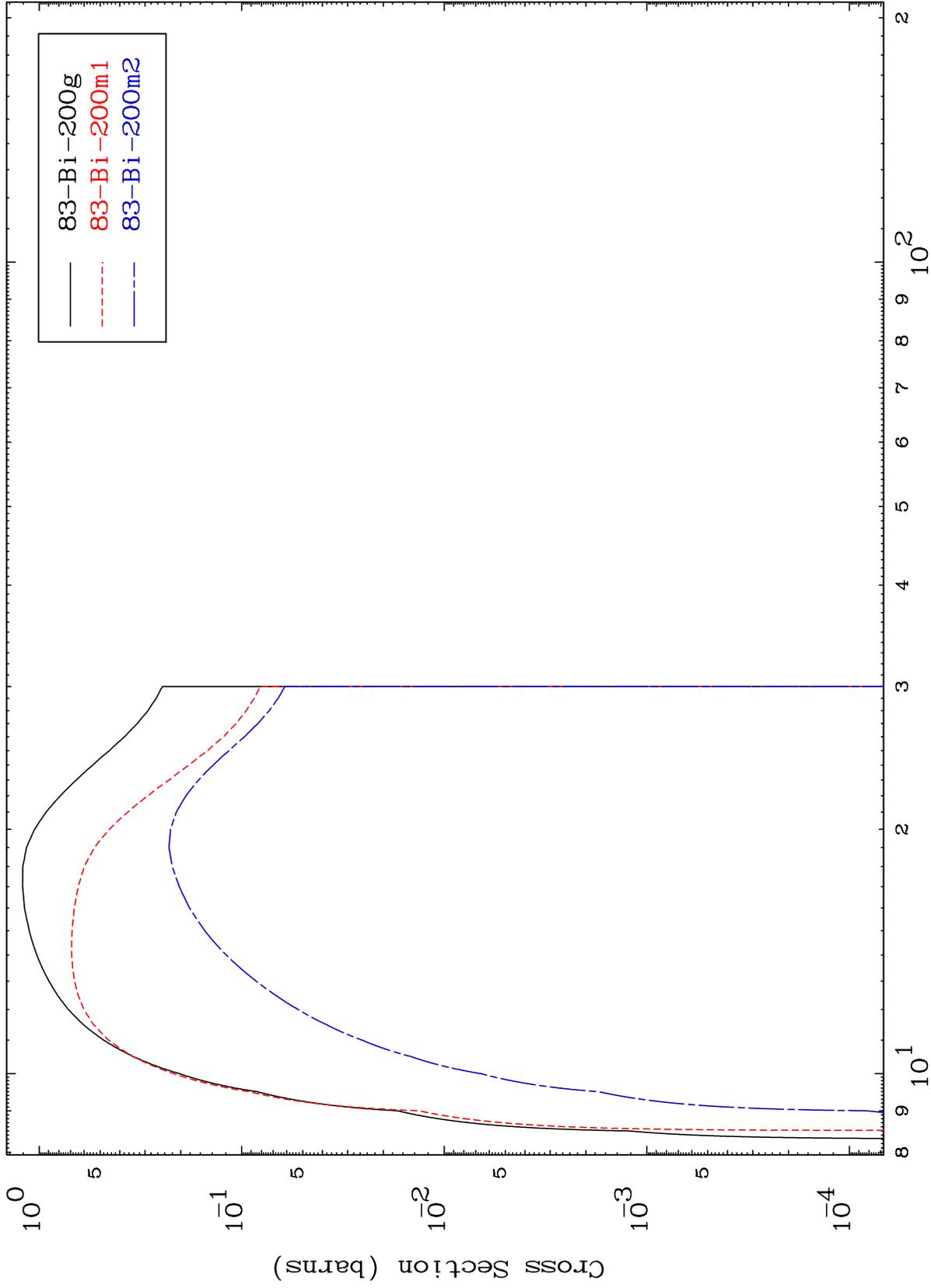
83-Bi-201

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(n,2n)

83-Bi-201

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-201

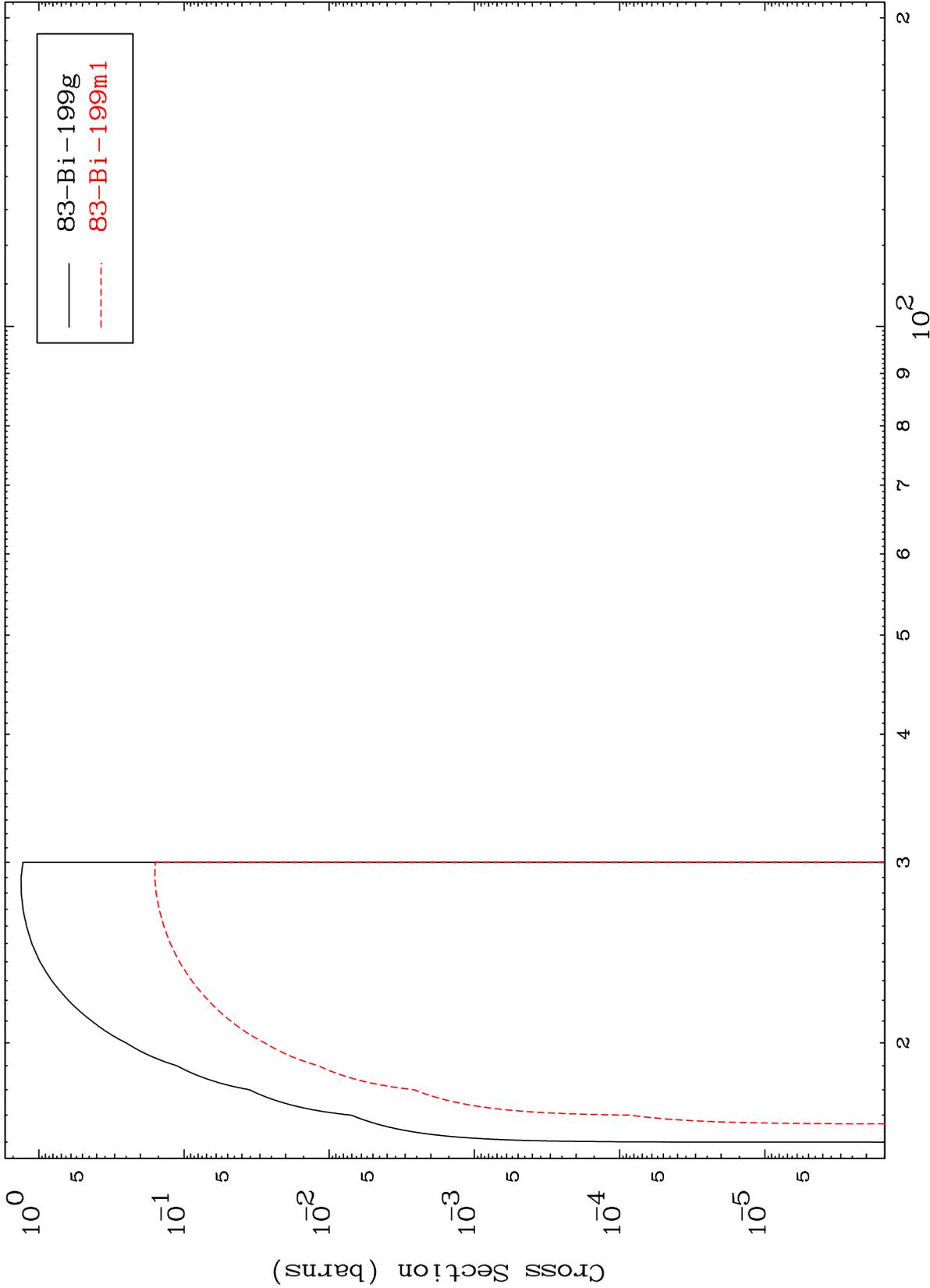
20

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(n,3n)

83-Bi-201

Radionuclide Production Cross Section

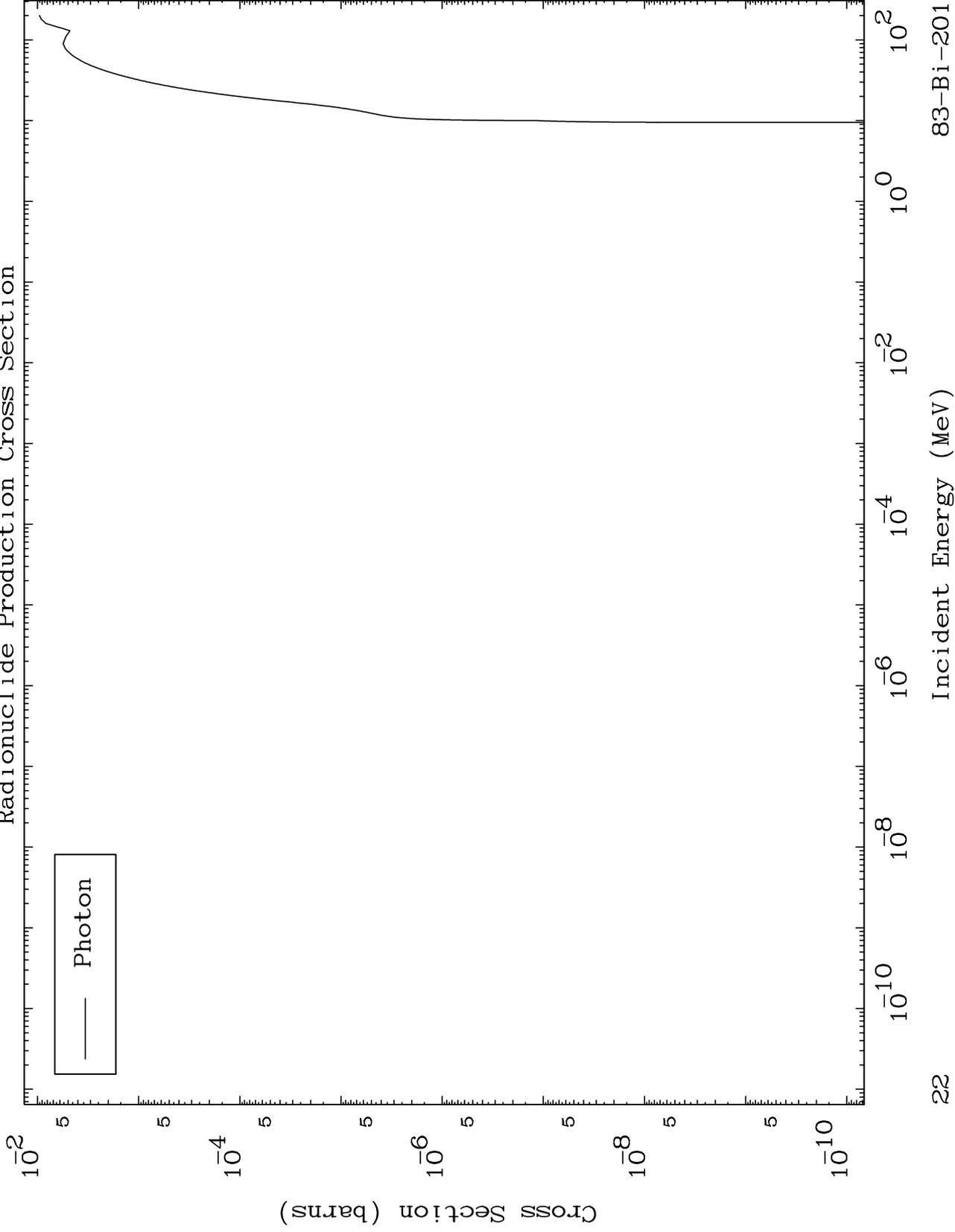


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Fission

83-Bi-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

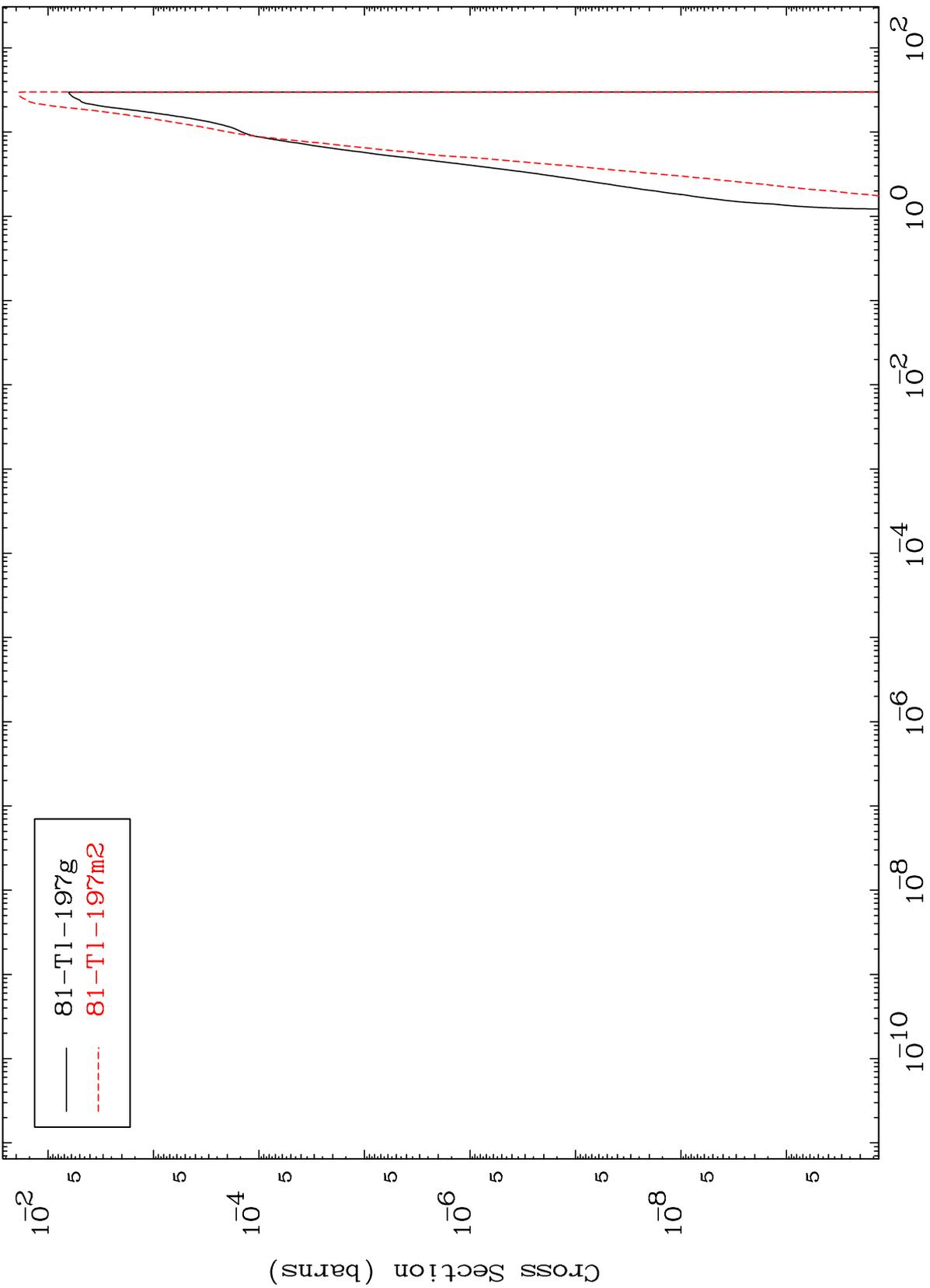
83-Bi-201

MAT 8302

$(n, n') \alpha$

83-Bi-201

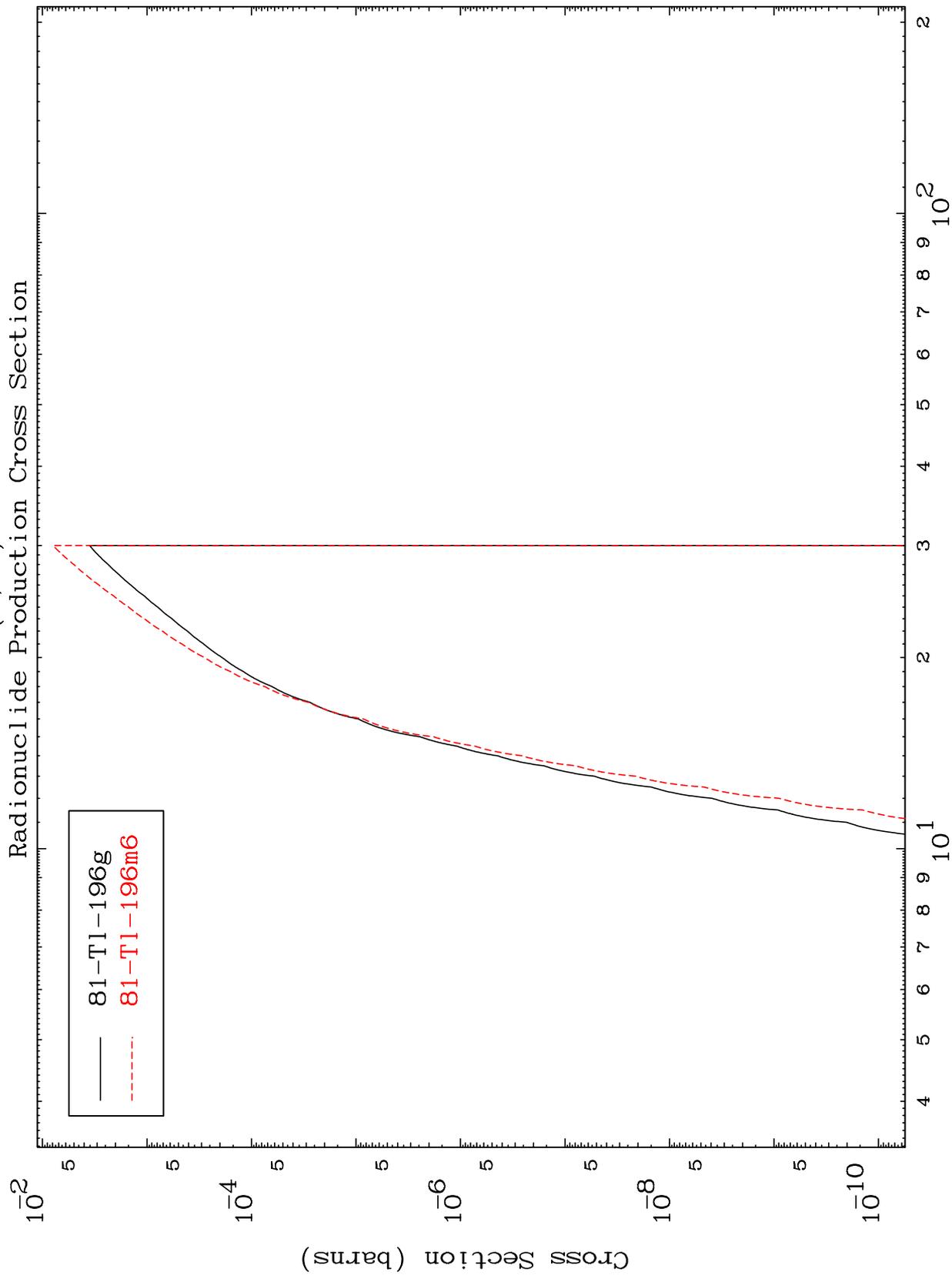
Radionuclide Production Cross Section



MAT 8302

(n,2n) α

83-Bi-201

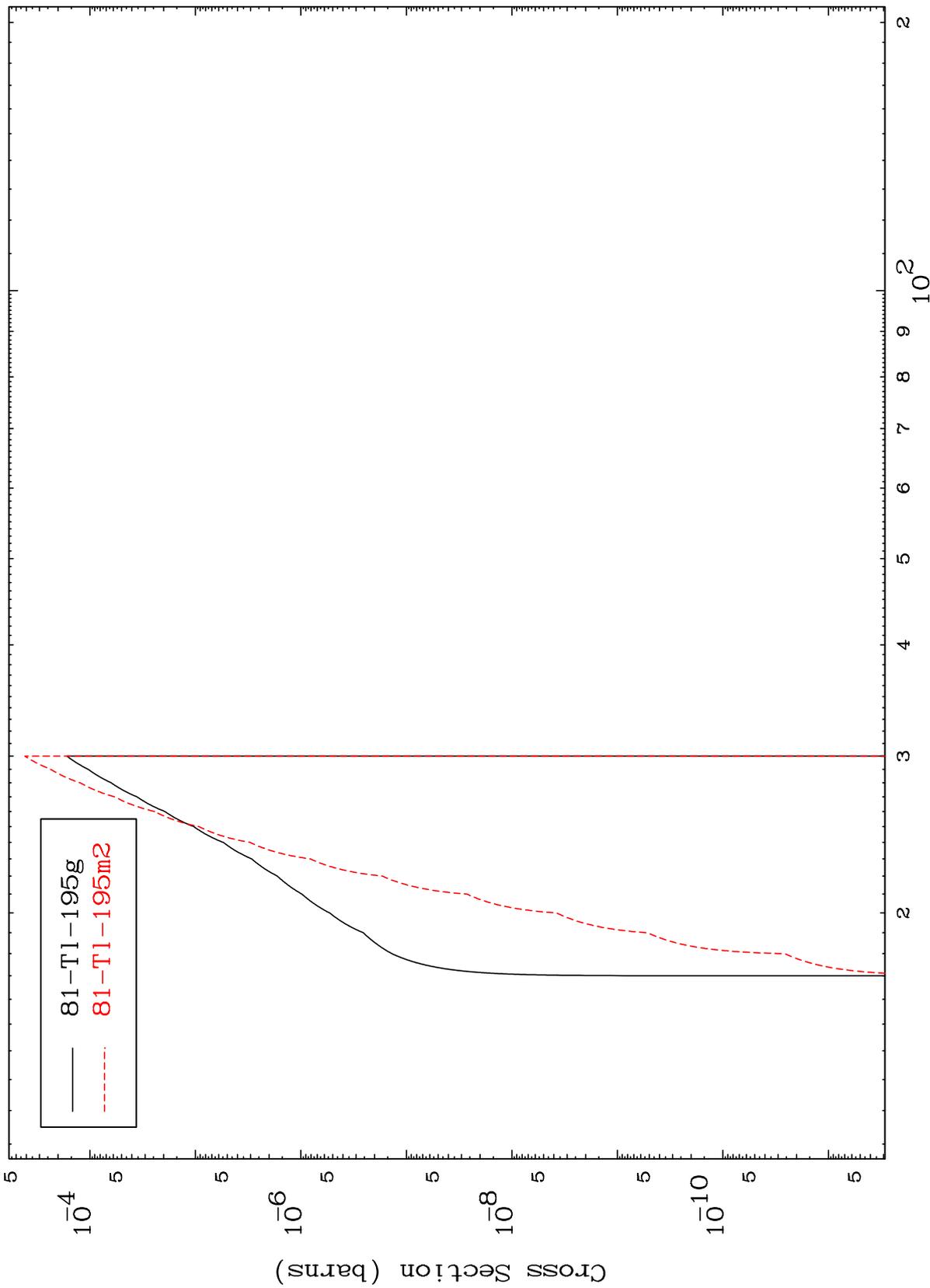


MAT 8302

$(n,3n) \alpha$

83-Bi-201

Radionuclide Production Cross Section



25

Incident Energy (MeV)

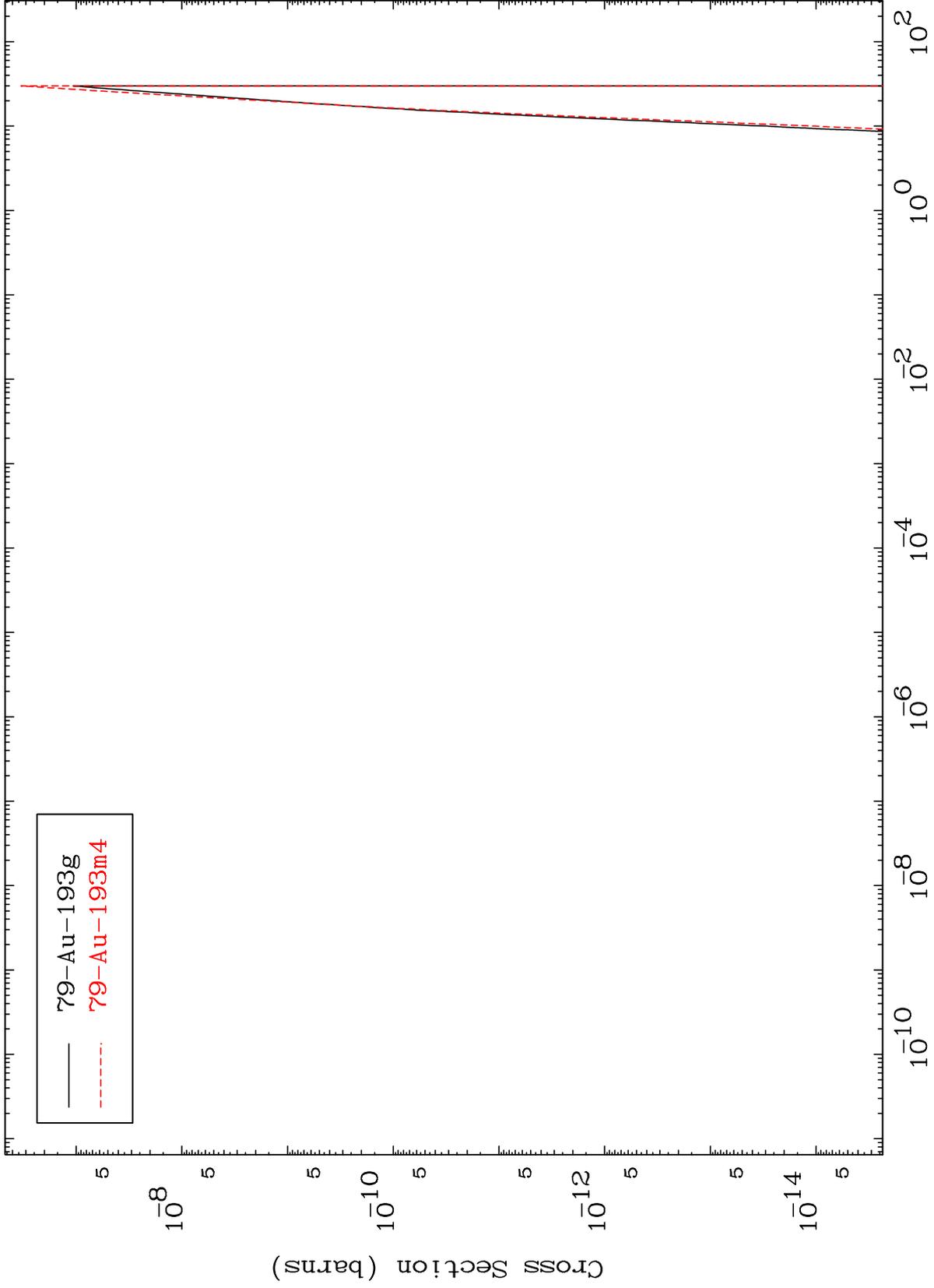
83-Bi-201

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(n,n') 2 α

83-Bi-201

Radionuclide Production Cross Section



26

Incident Energy (MeV)

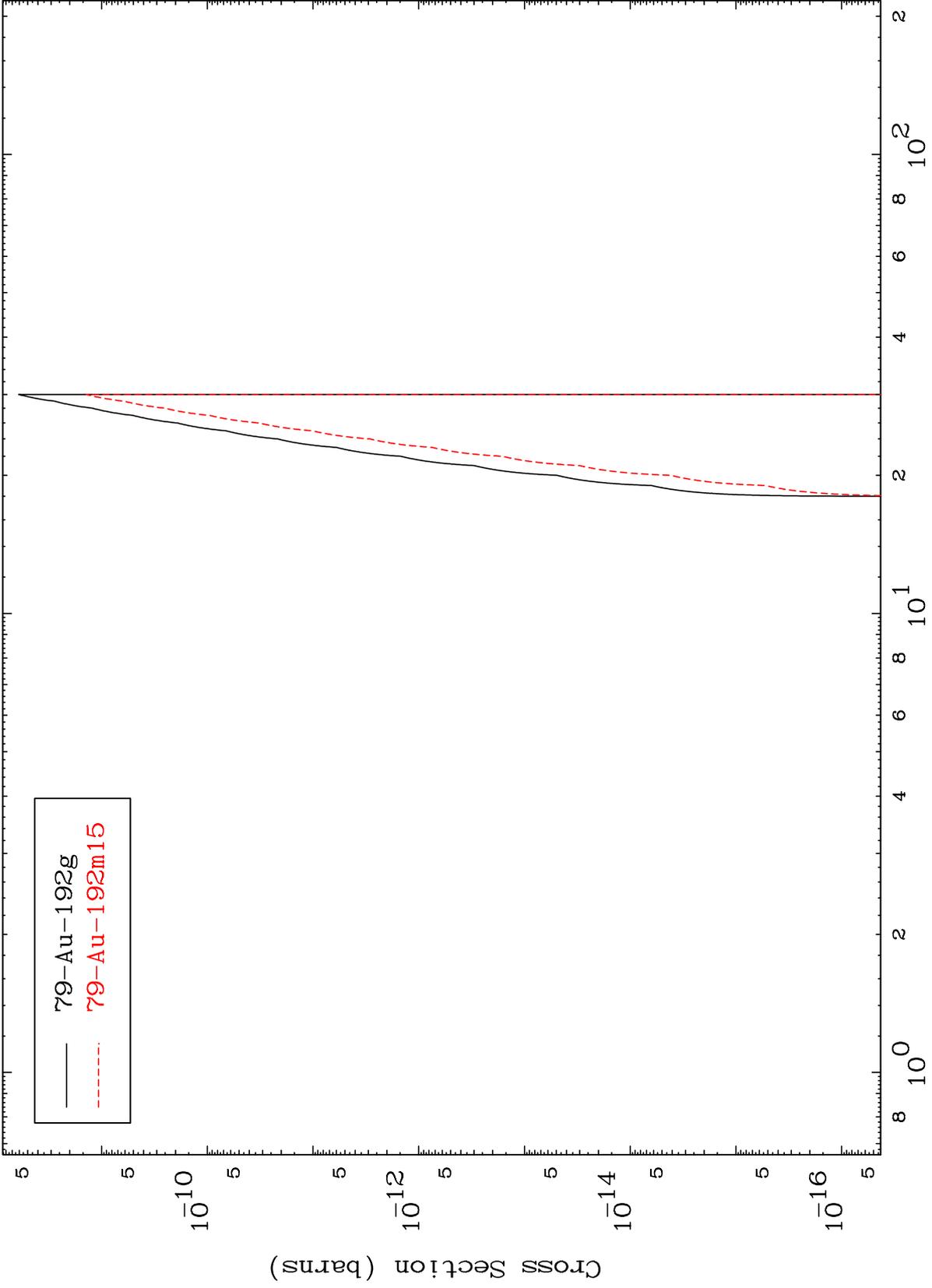
83-Bi-201

MAT 8302

(n,2n) 2 α

83-Bi-201

Radionuclide Production Cross Section



27

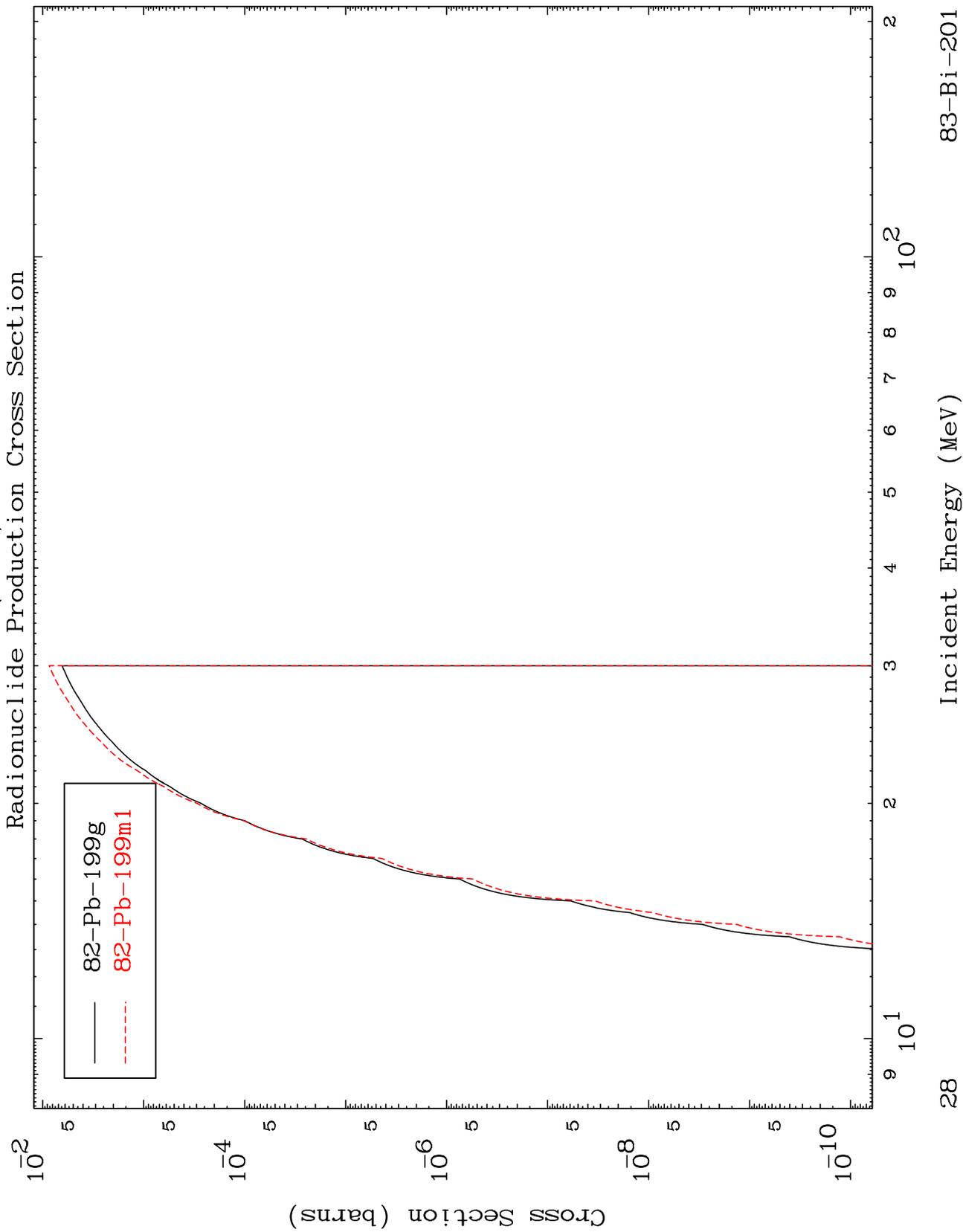
Incident Energy (MeV)

83-Bi-201

MAT 8302

(n,n') d

83-Bi-201



28

83-Bi-201

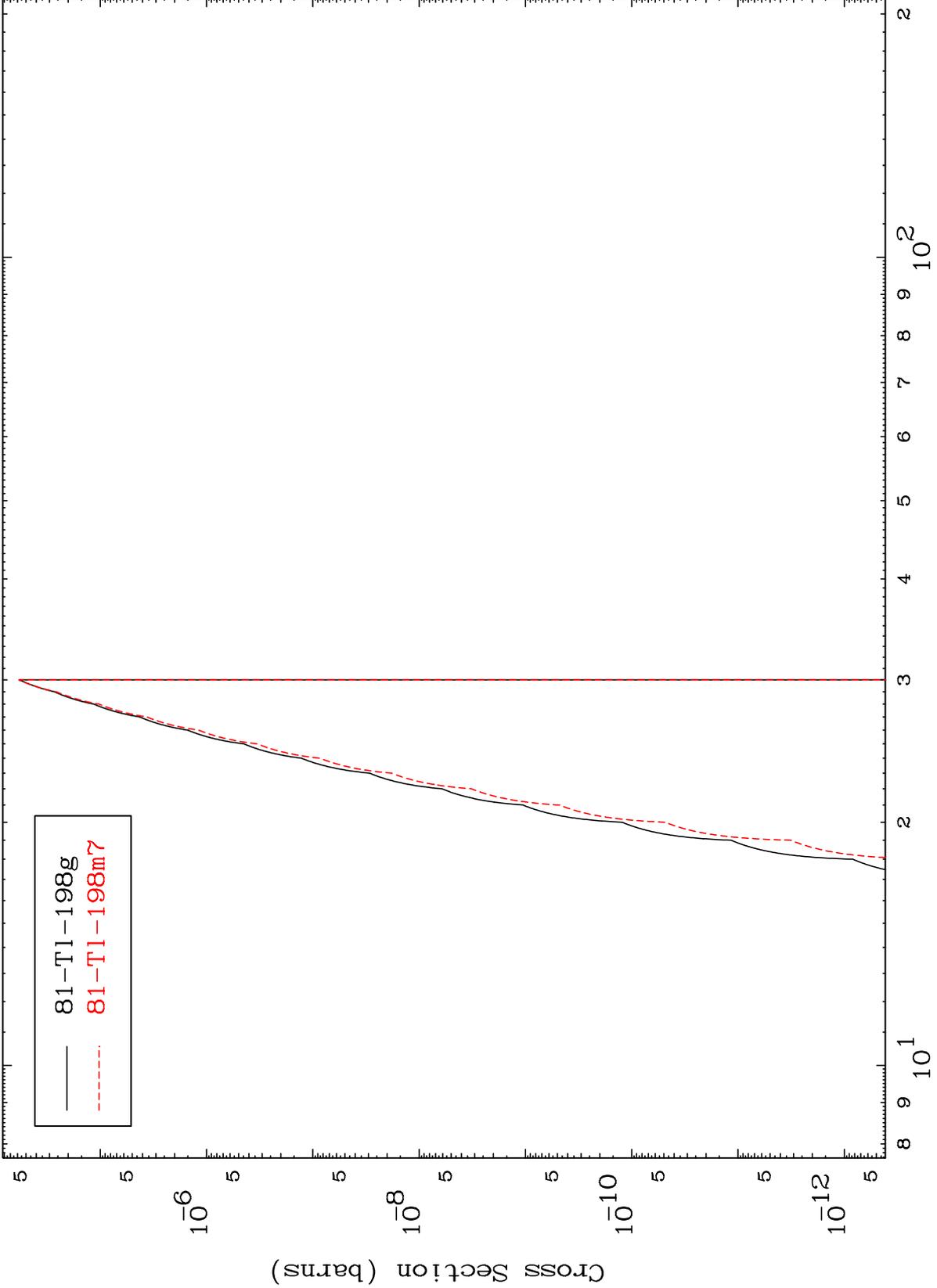
83-Bi-201

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(n,n') He-3

83-Bi-201

Radionuclide Production Cross Section



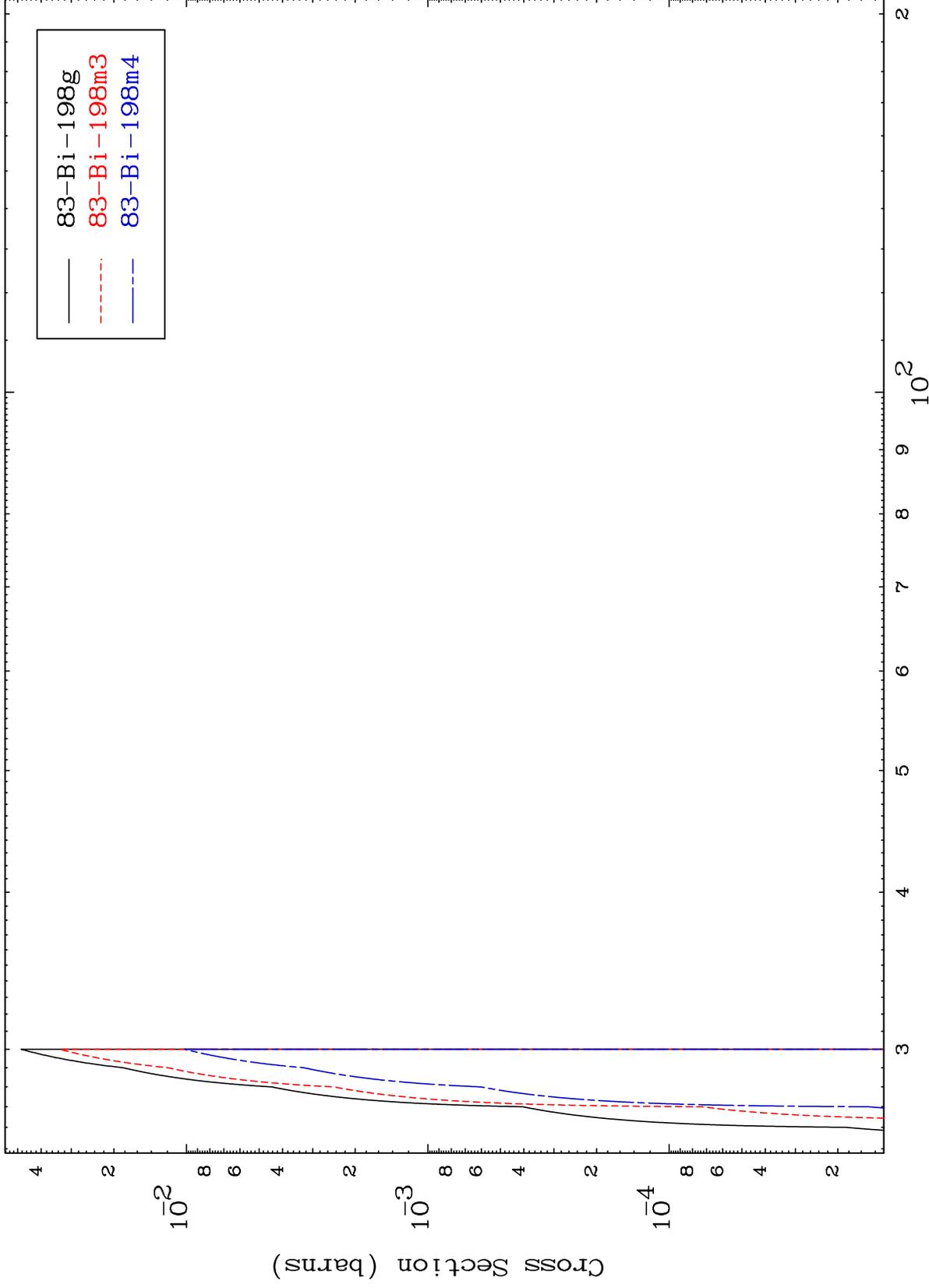
81-Tl-198g
81-Tl-198m7

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(n,4n)

83-Bi-201

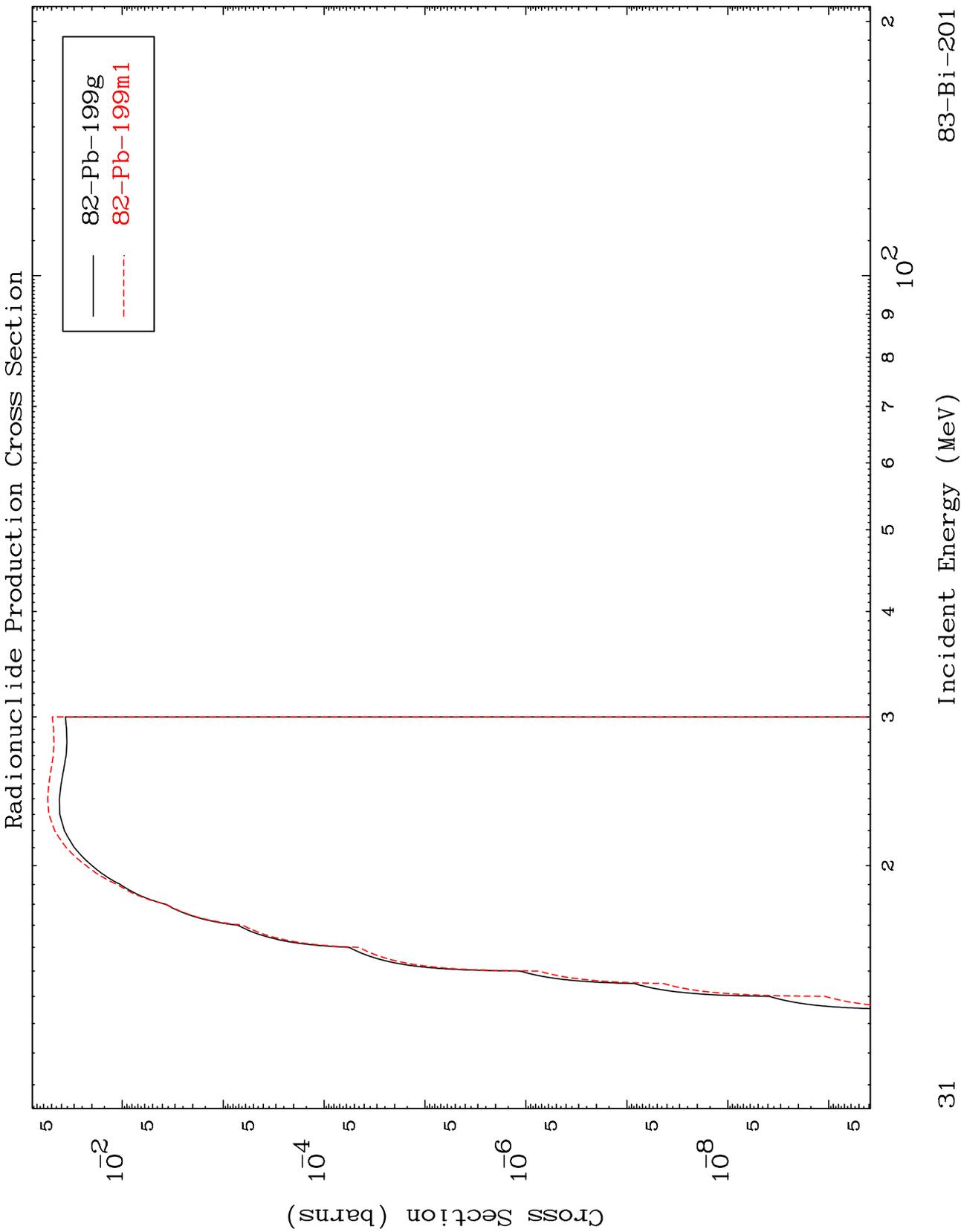
Radionuclide Production Cross Section



30

Incident Energy (MeV)

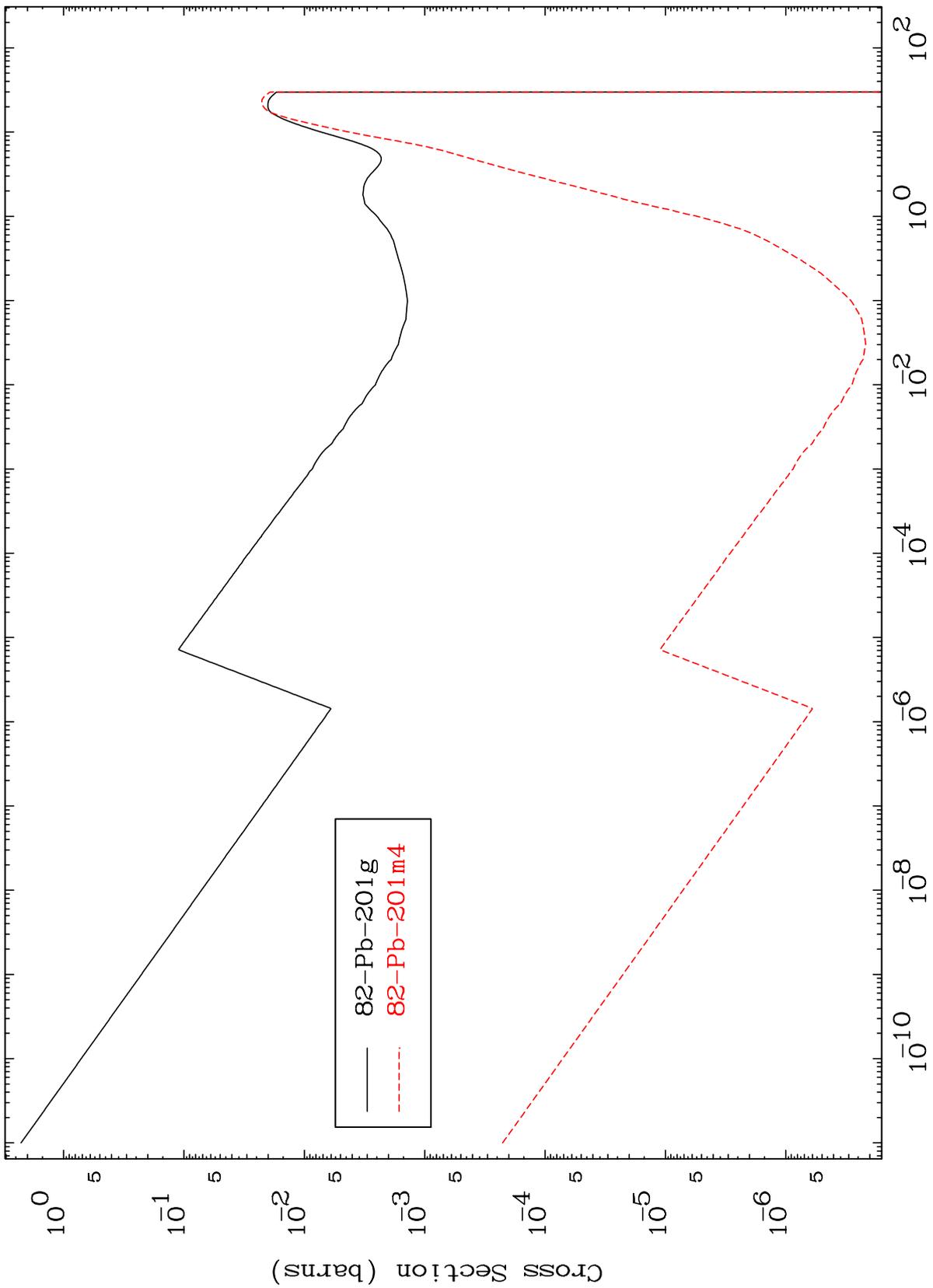
83-Bi-201



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⁸³Bi-201

(n,p)
Radionuclide Production Cross Section



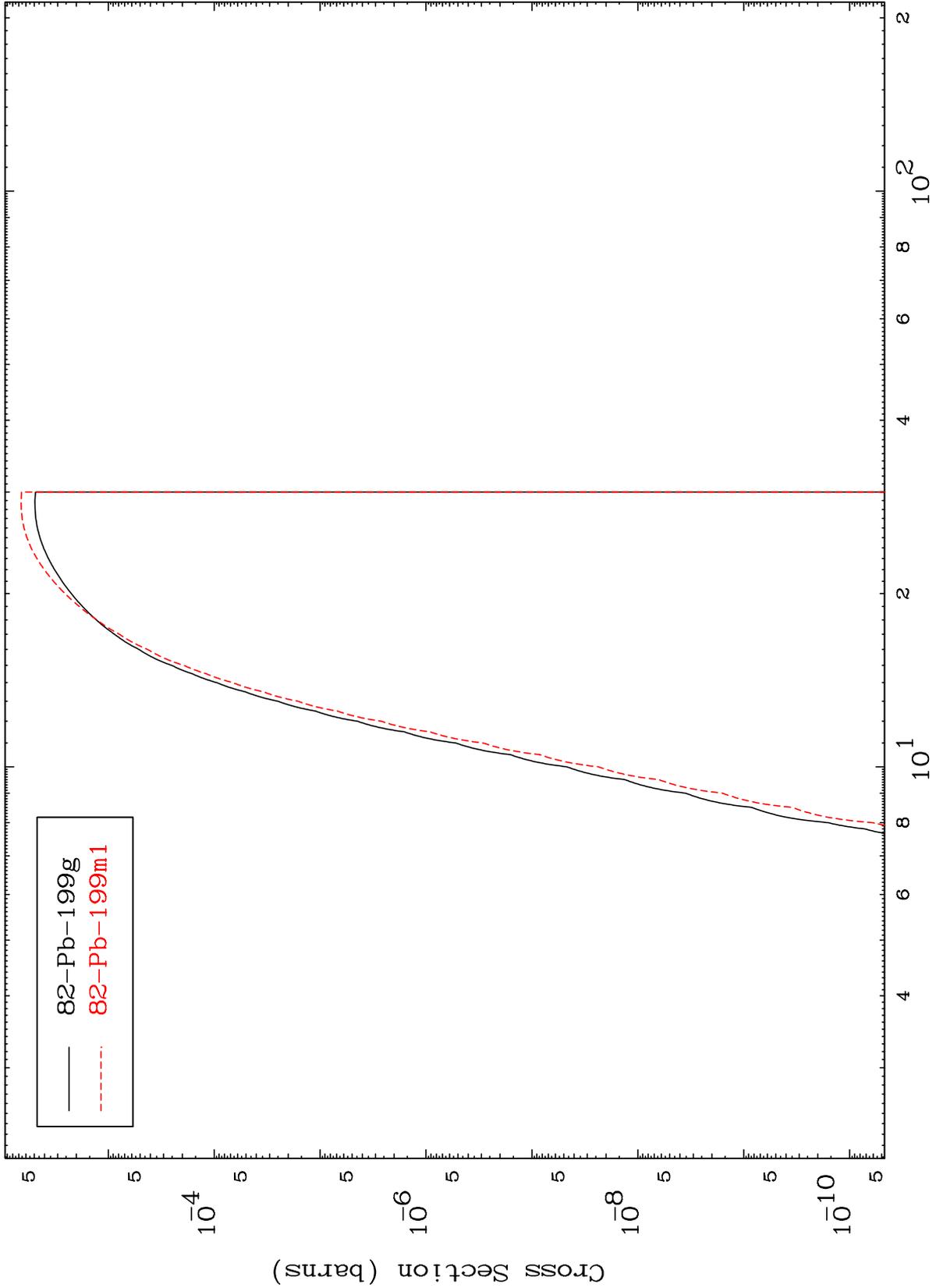
32

⁸³Bi-201

MAT 8302

83-Bi-201

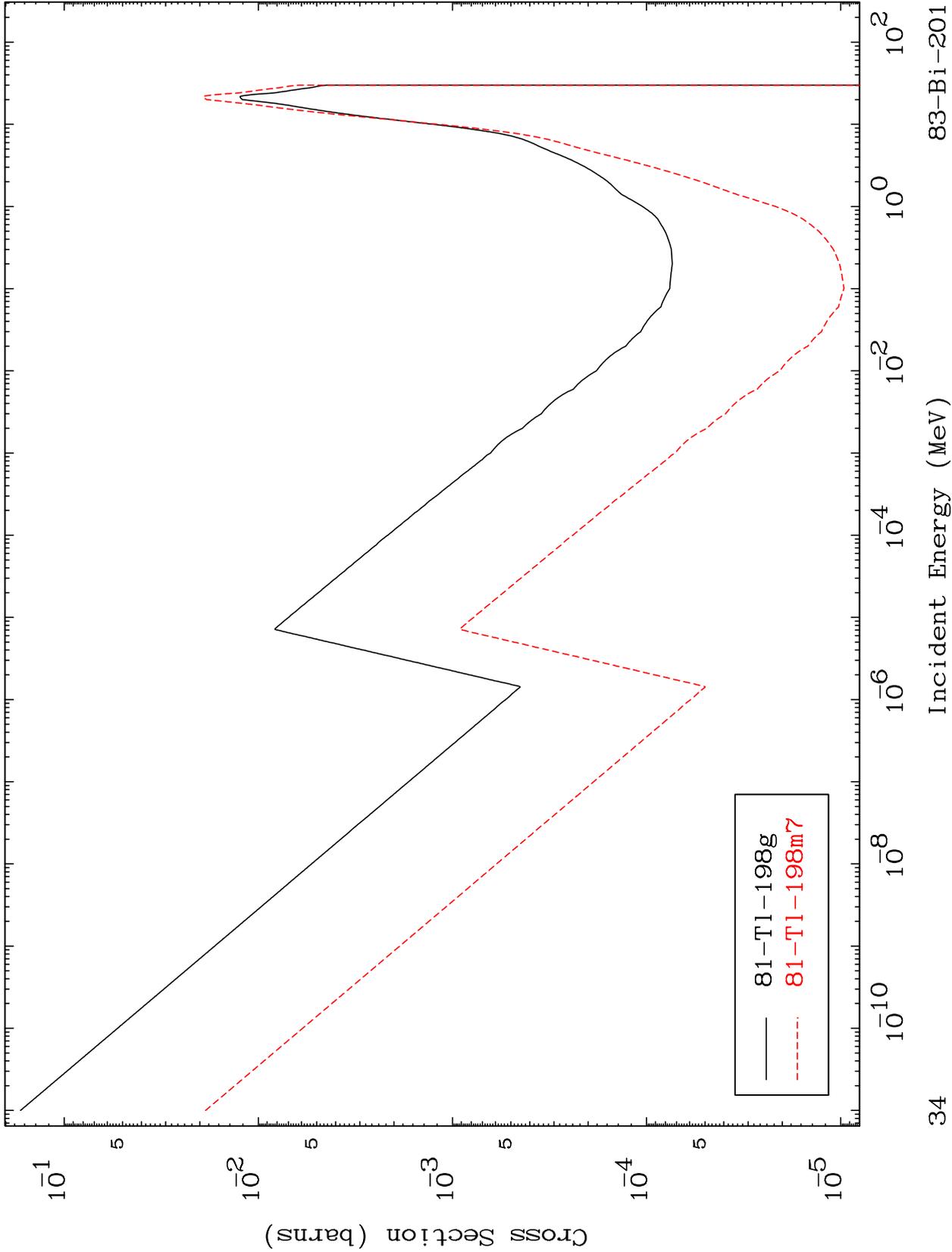
(n, t)
Radionuclide Production Cross Section



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83-Bi-201

Radionuclide Production Cross Section
(n, α)

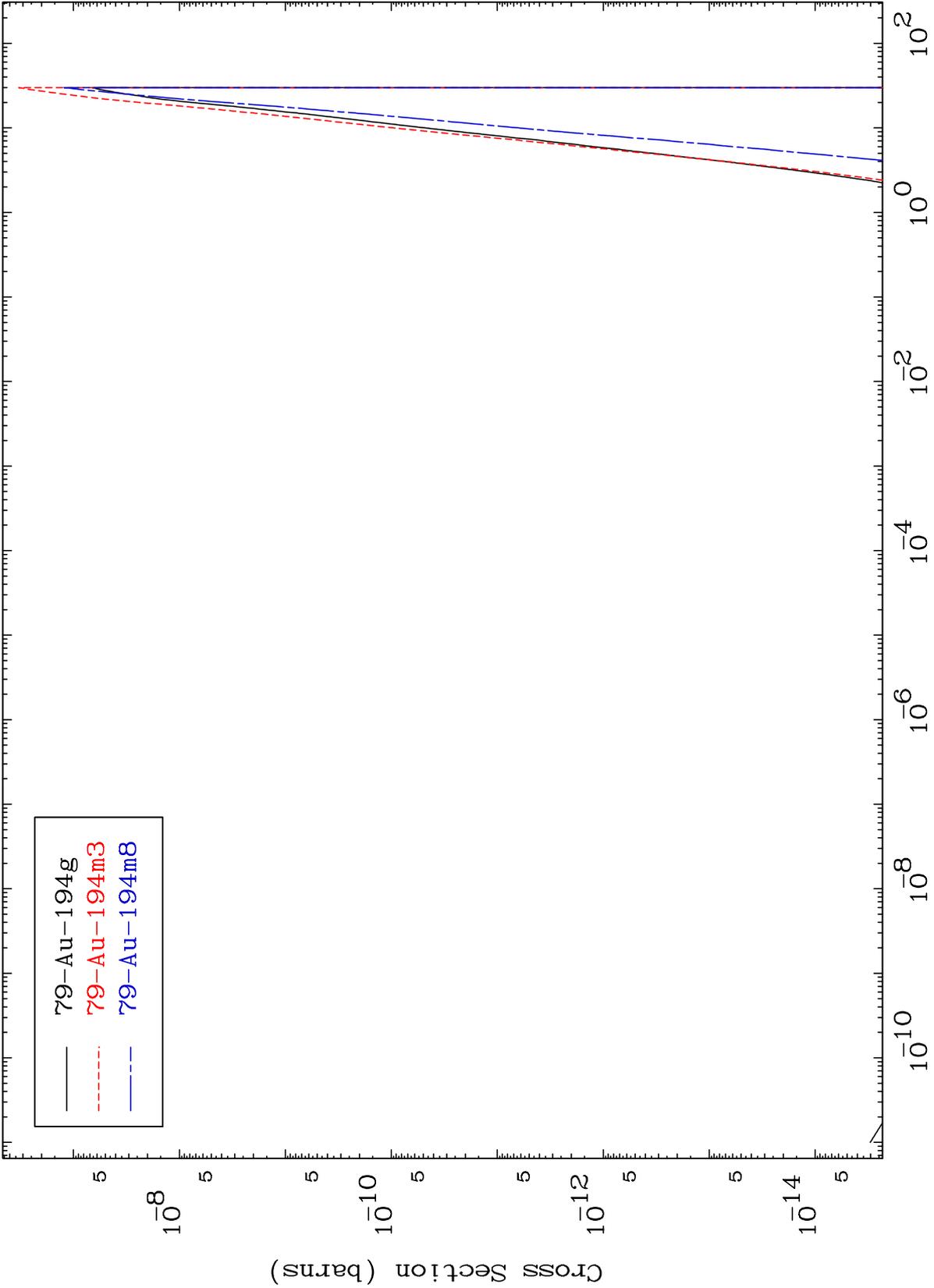


MAT 8302

$(n, 2\alpha)$

83-Bi-201

Radionuclide Production Cross Section

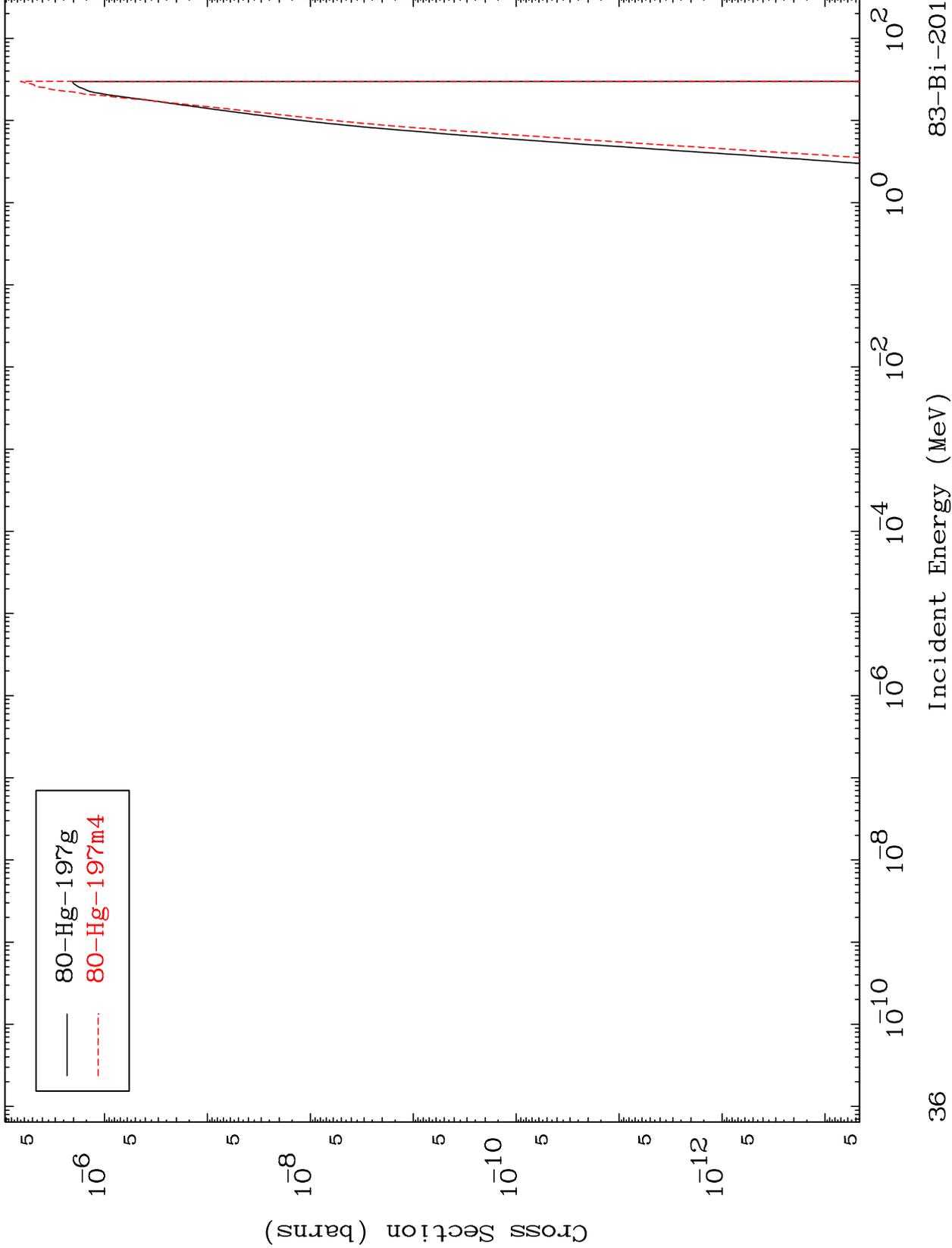


MAT 8302

(n,p) α

83-Bi-201

Radionuclide Production Cross Section

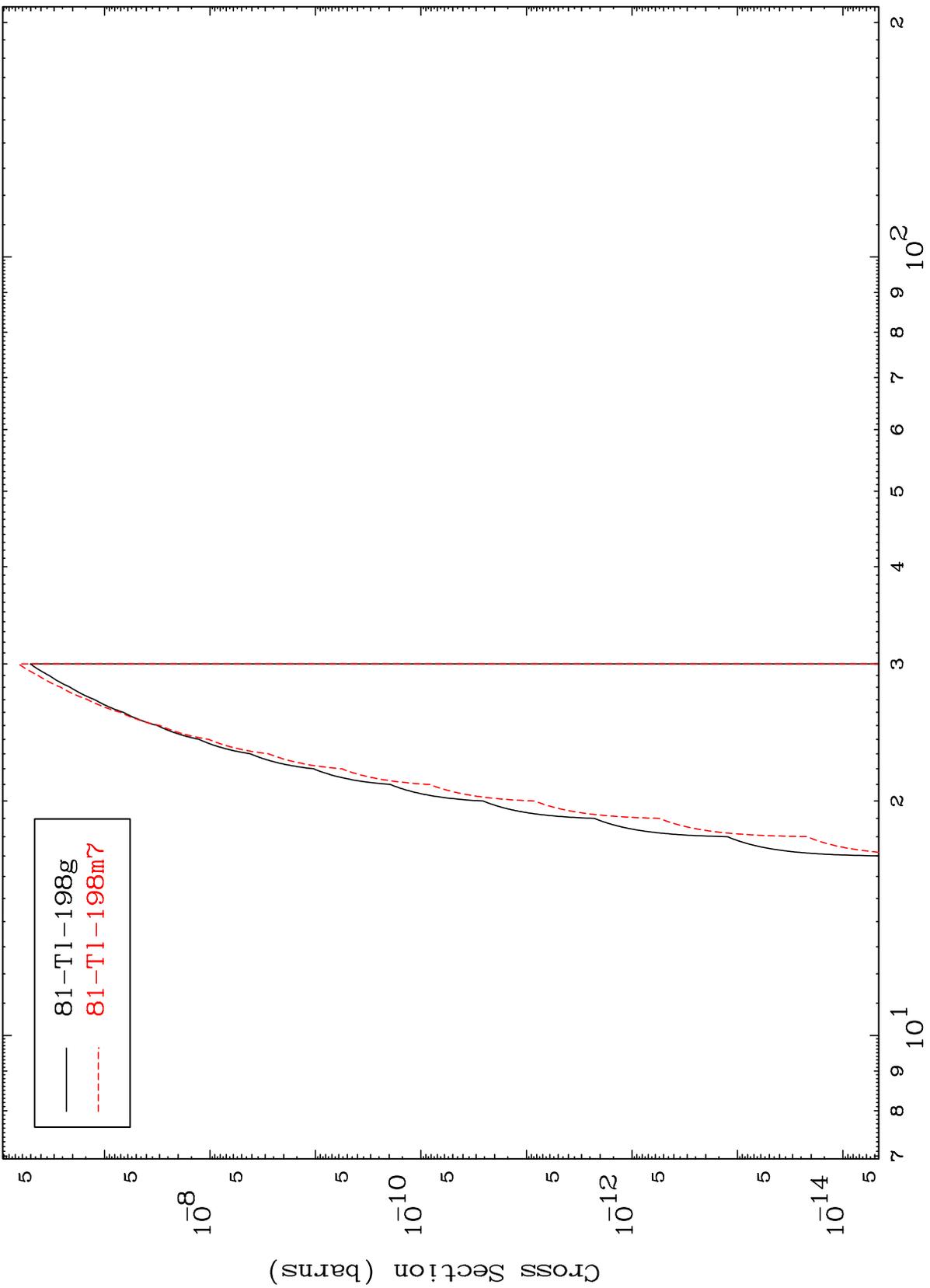


MAT 8302

(n,p) t

83-Bi-201

Radionuclide Production Cross Section



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

37

Incident Energy (MeV)

83-Bi-201