

Program EVALPLOT
(Version 2021-1)

by

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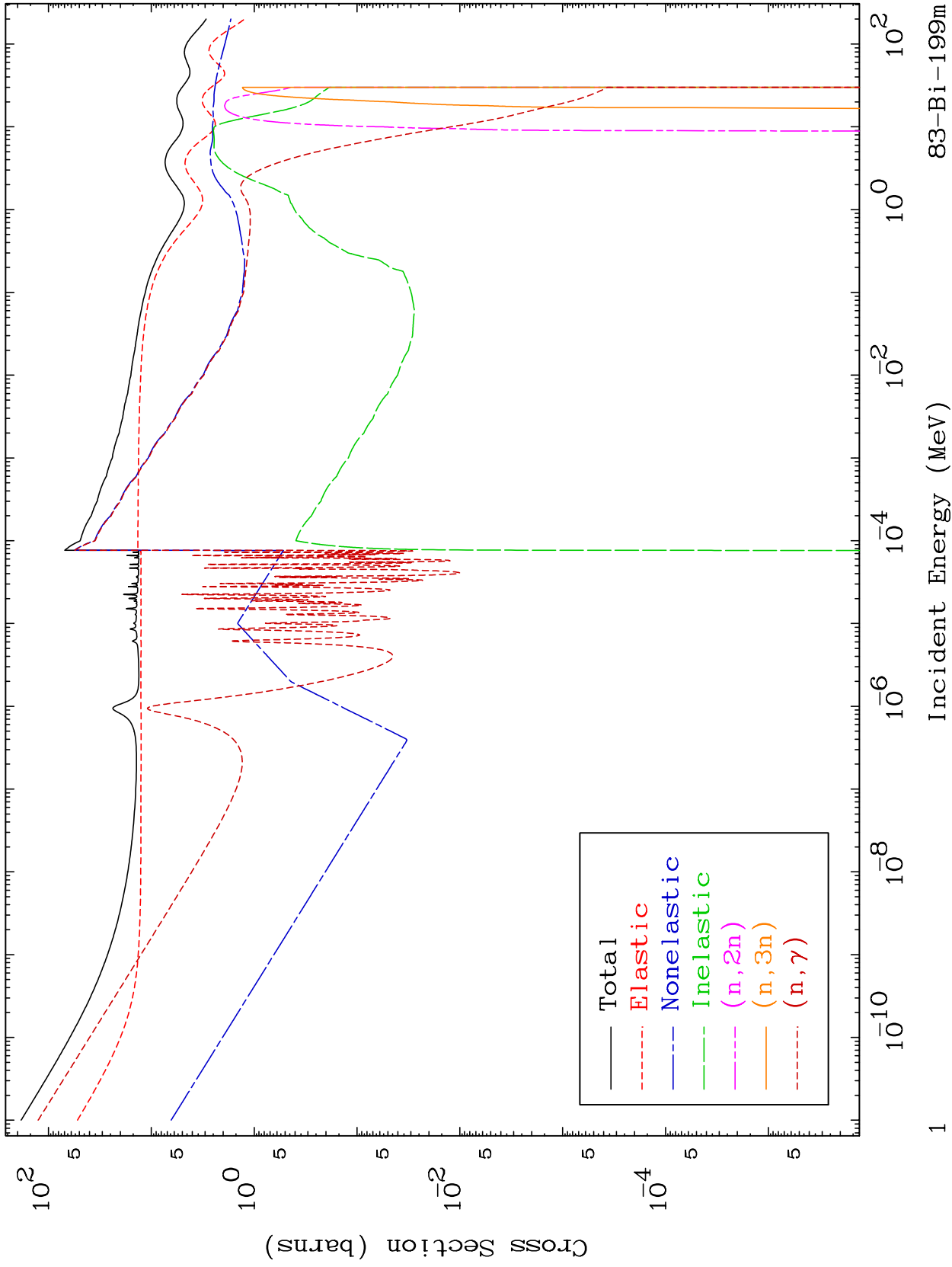
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8296

Neutron Major
293 Kelvin Cross Sections

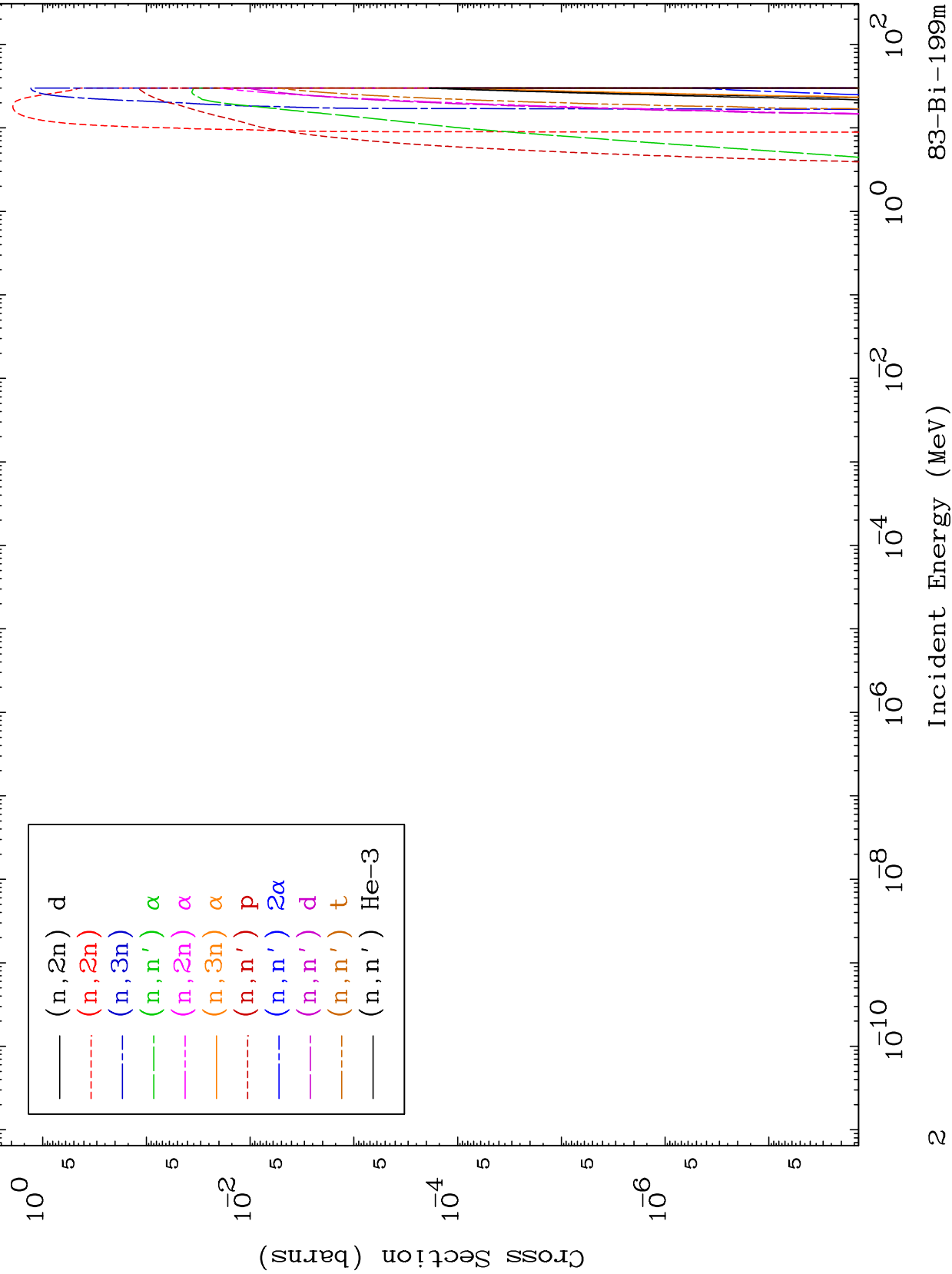
83-Bi-199m



MAT 8296

Neutron Absorption
293 Kelvin Cross Sections

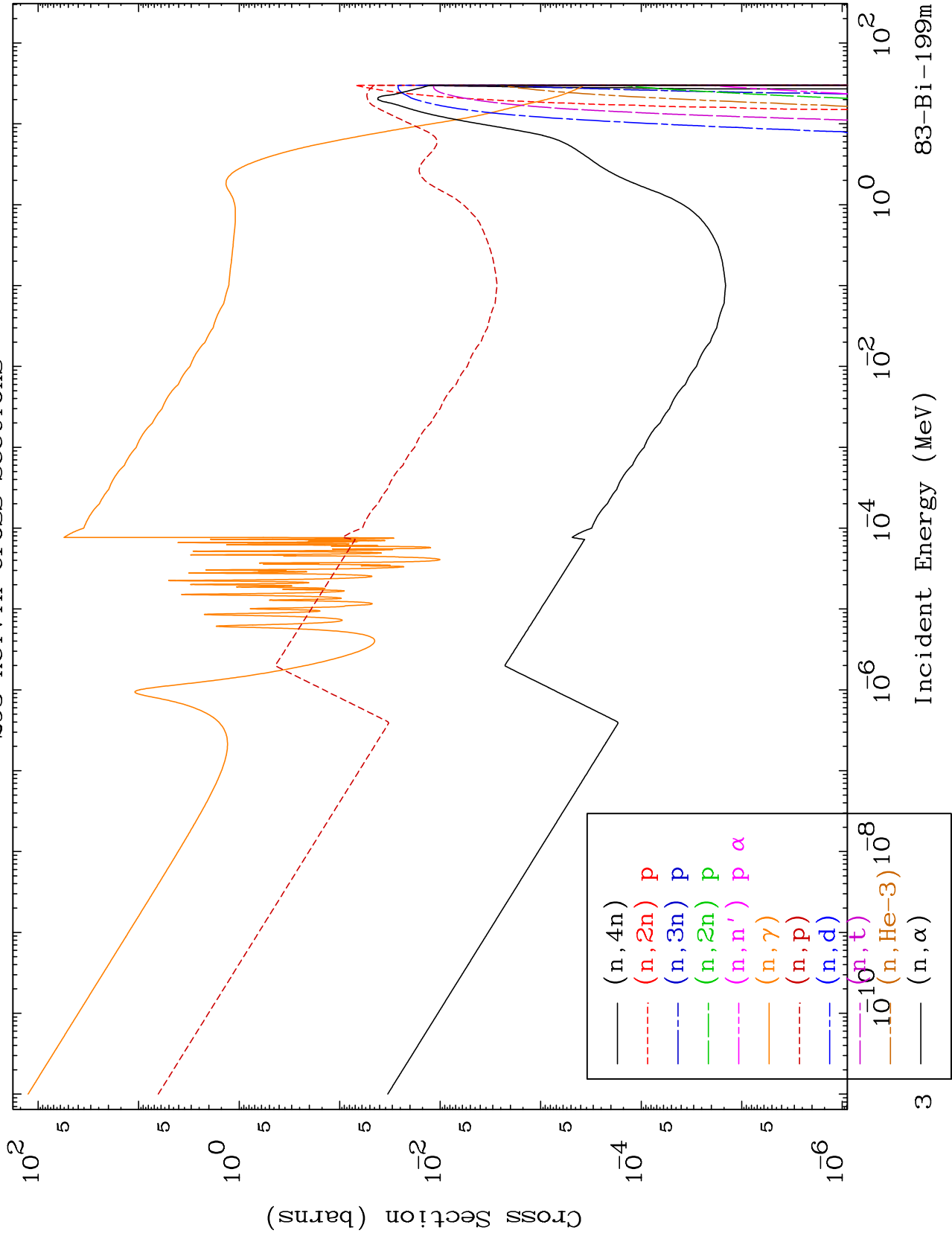
83-Bi-199m



MAT 8296

Neutron Absorption
293 Kelvin Cross Sections

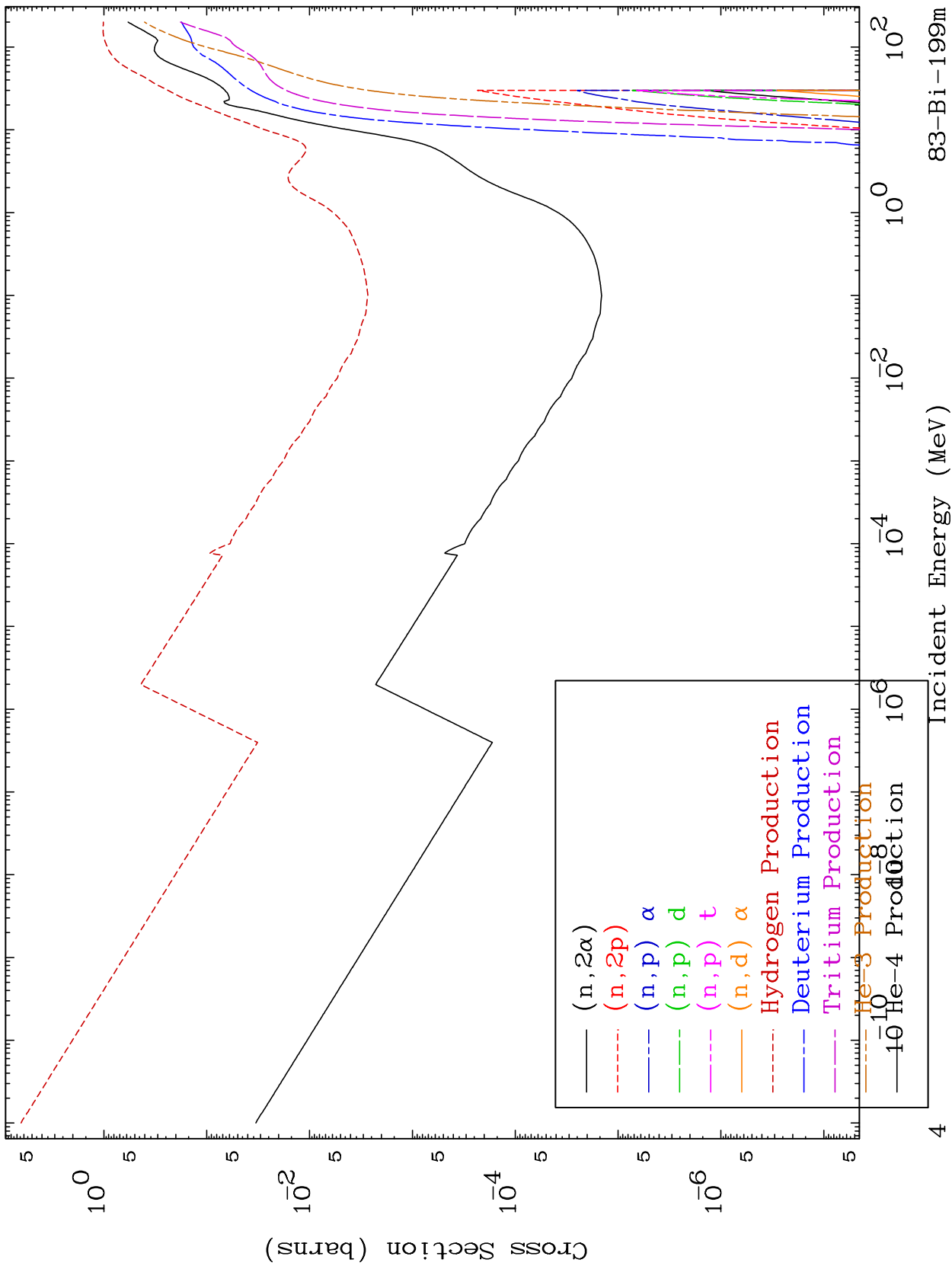
83-Bi-199m



MAT 8296

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-199m



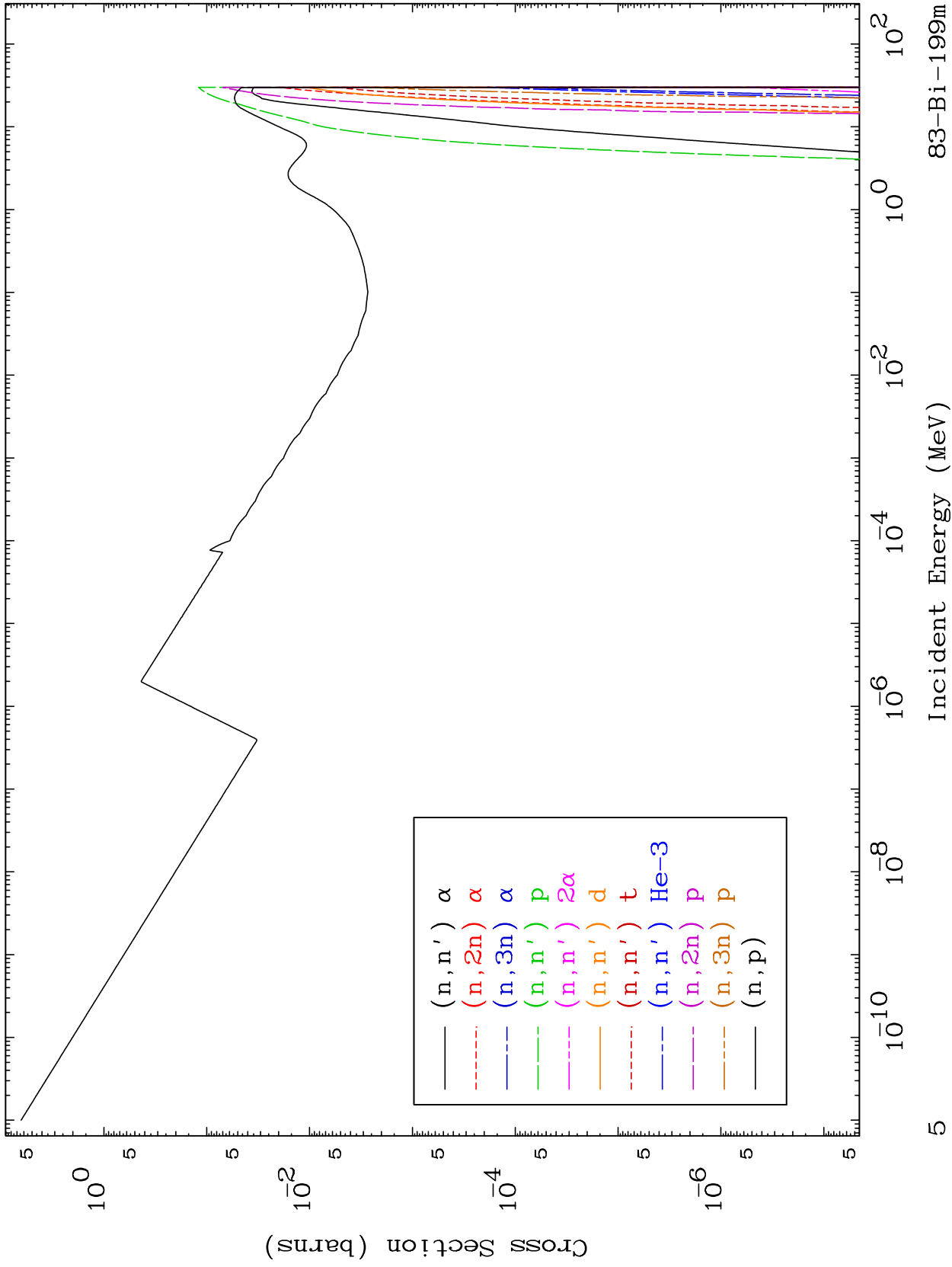
Incident Energy (MeV)

83-Bi-199m

MAT 8296

Charged Particle
293 Kelvin Cross Sections

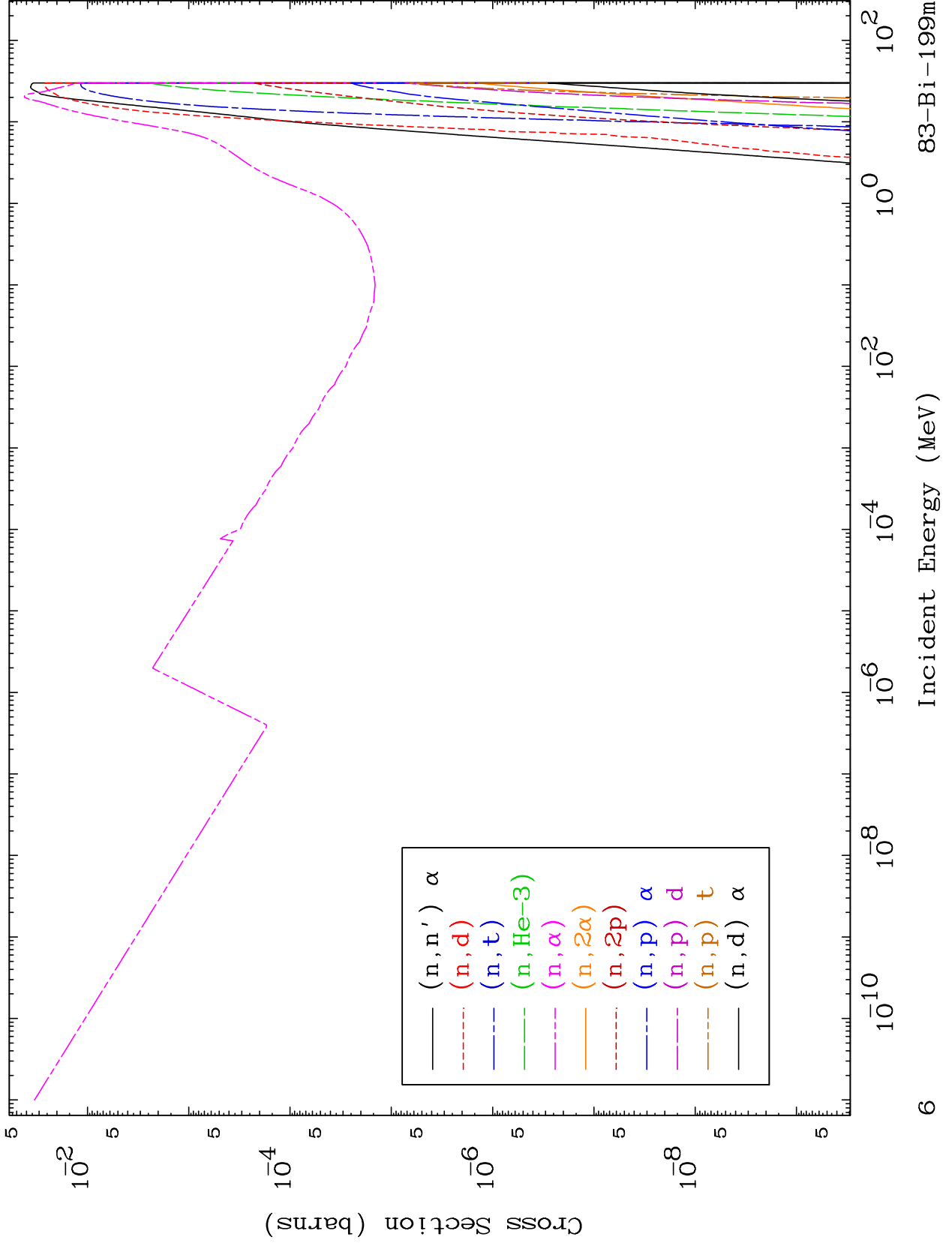
83-Bi-199m



MAT 8296

Charged Particle
293 Kelvin Cross Sections

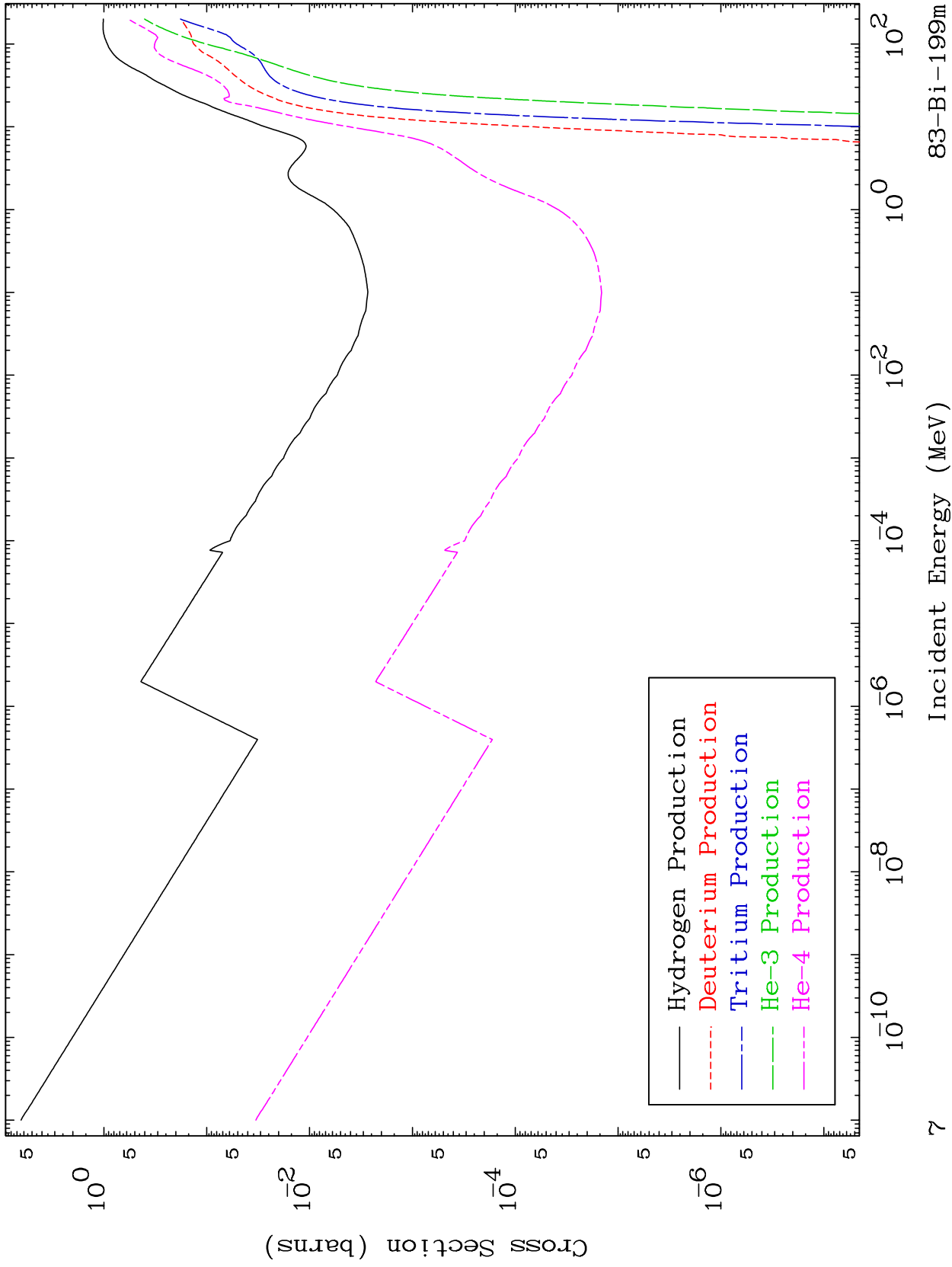
83-Bi-199m



MAT 8296

Particle Production
293 Kelvin Cross Sections

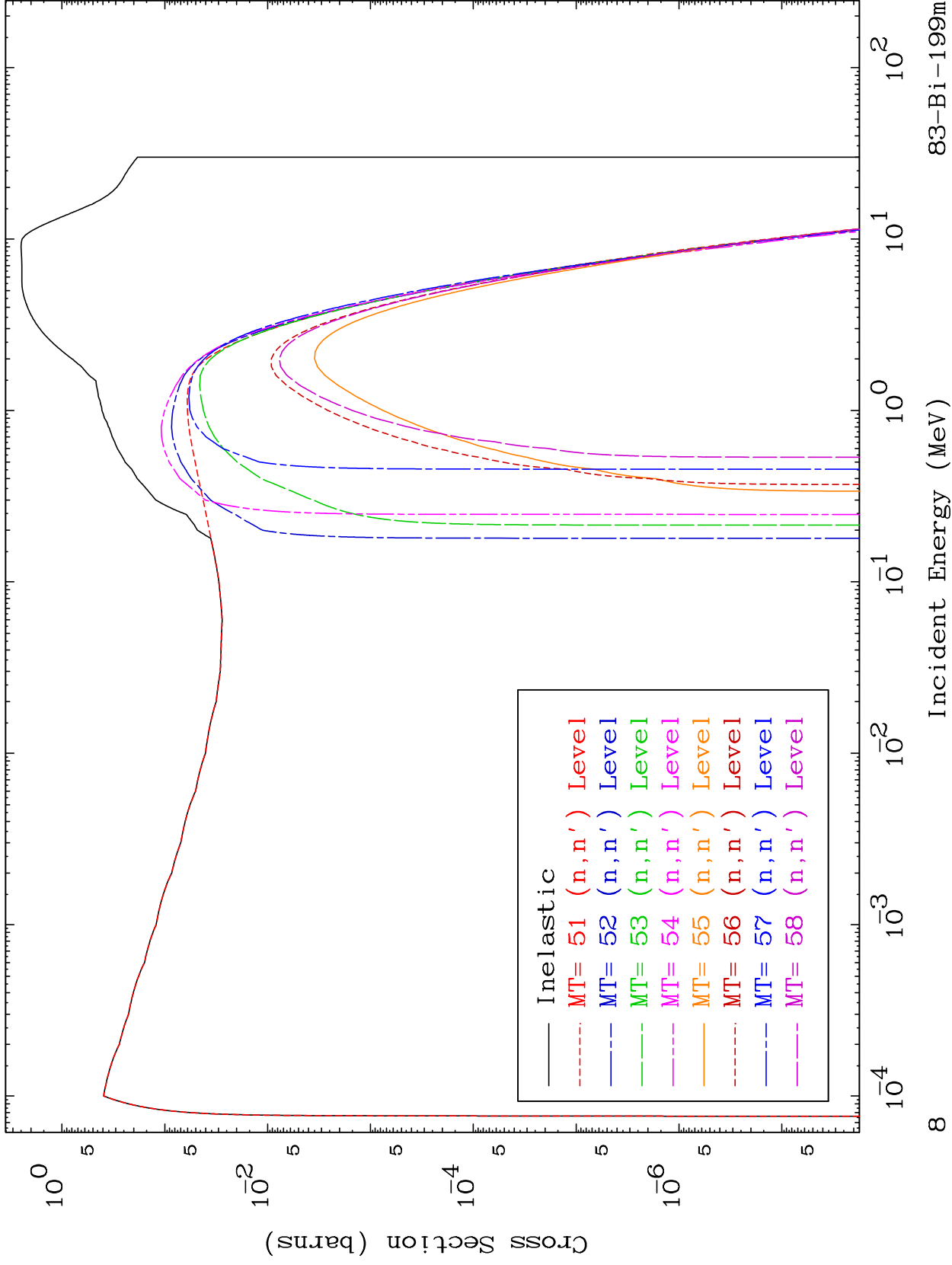
83-Bi-199m



MAT 8296

(n,n') Levels
293 Kelvin Cross Sections

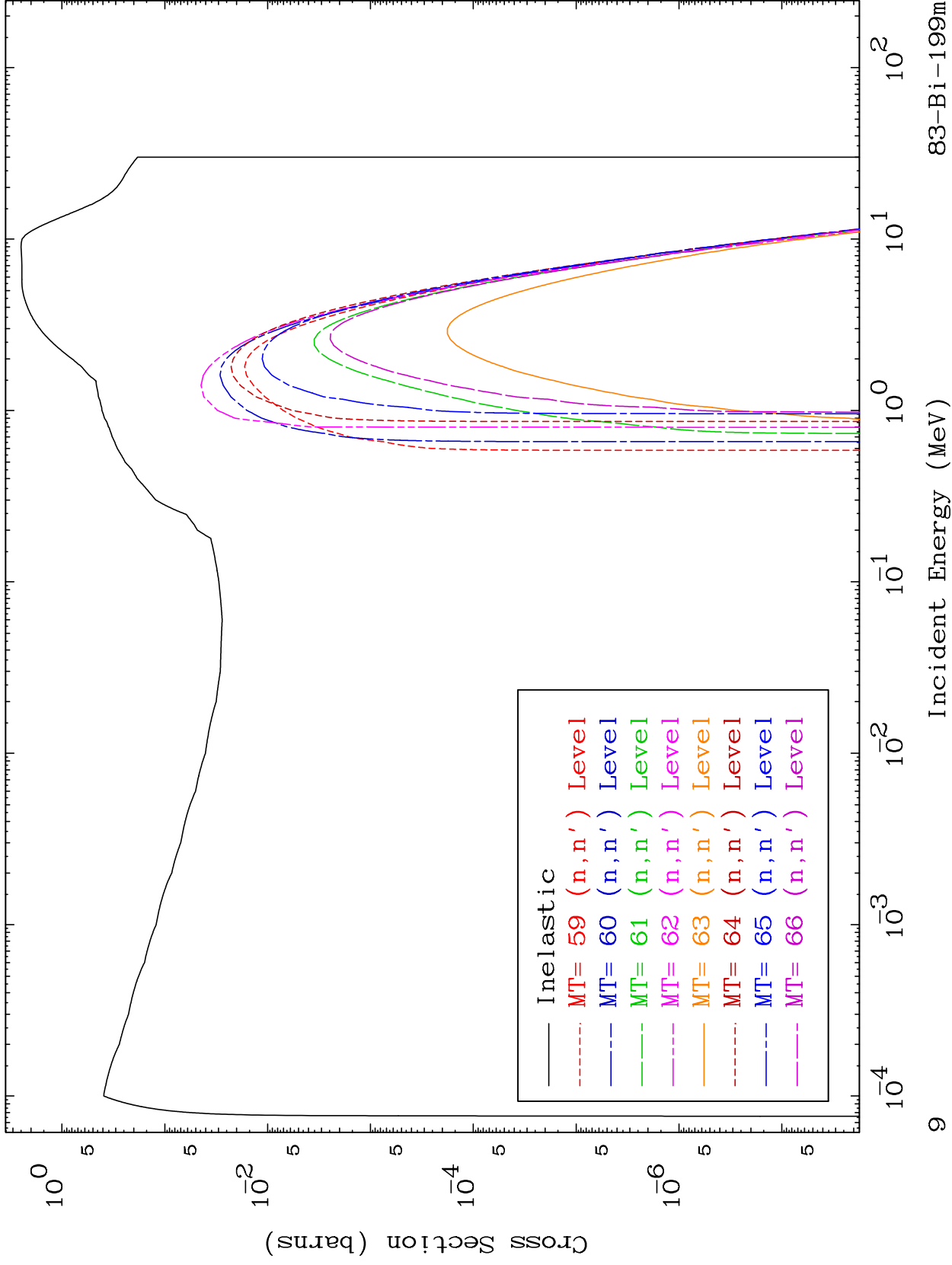
83-Bi-199m



MAT 8296

(n,n') Levels
293 Kelvin Cross Sections

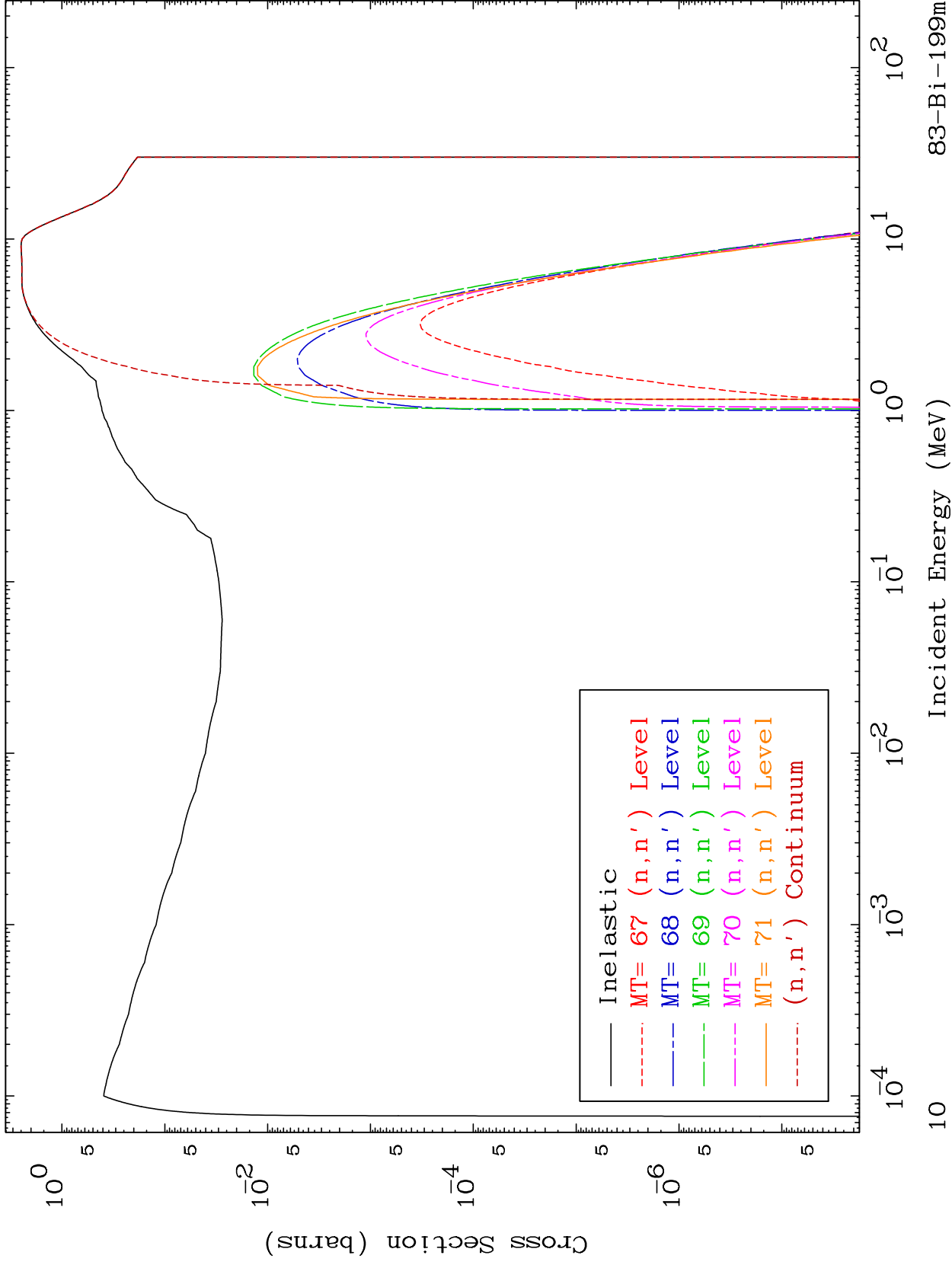
83-Bi-199m



MAT 8296

(n,n') Levels
293 Kelvin Cross Sections

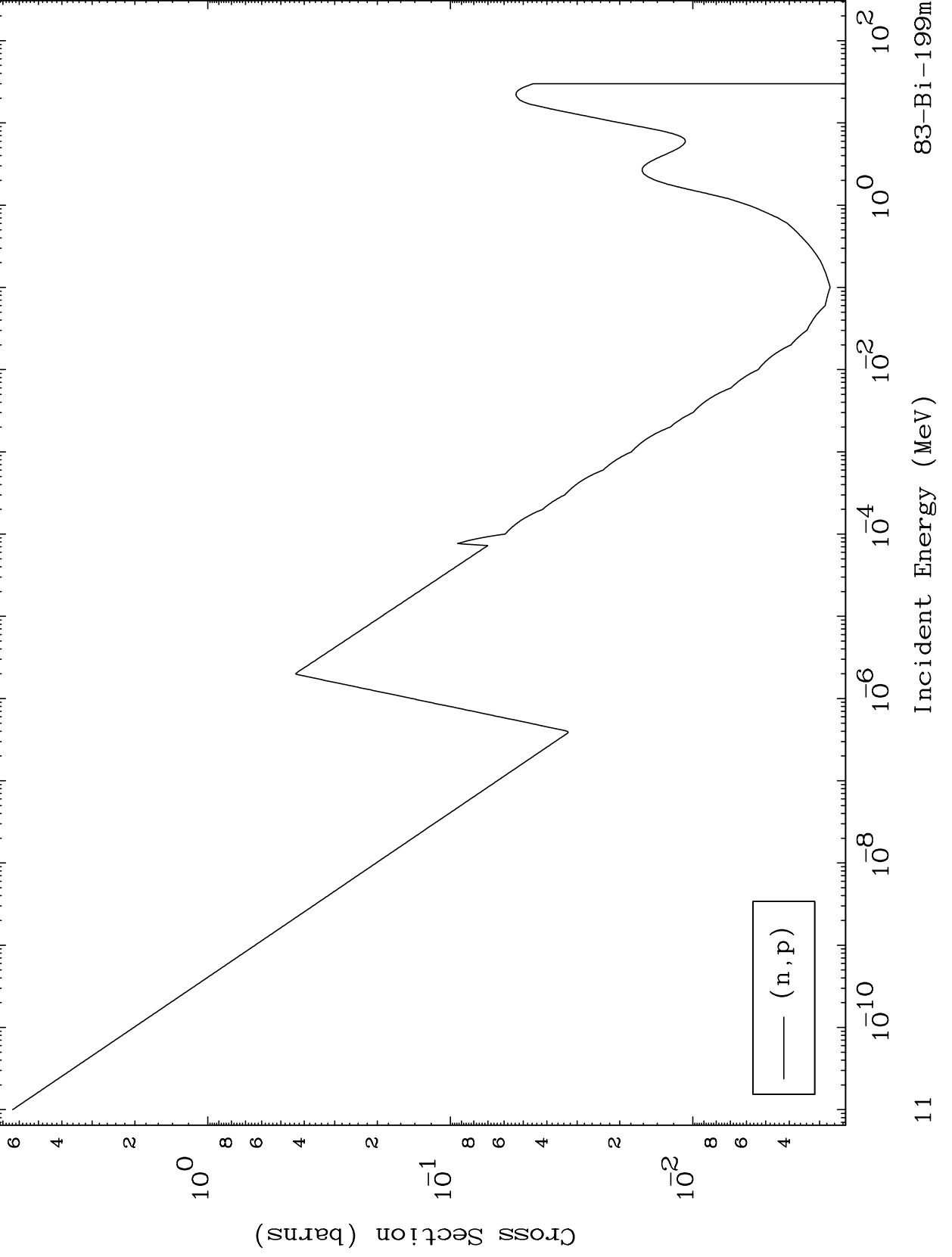
83-Bi-199m



MAT 8296

(n,p) Levels
293 Kelvin Cross Sections

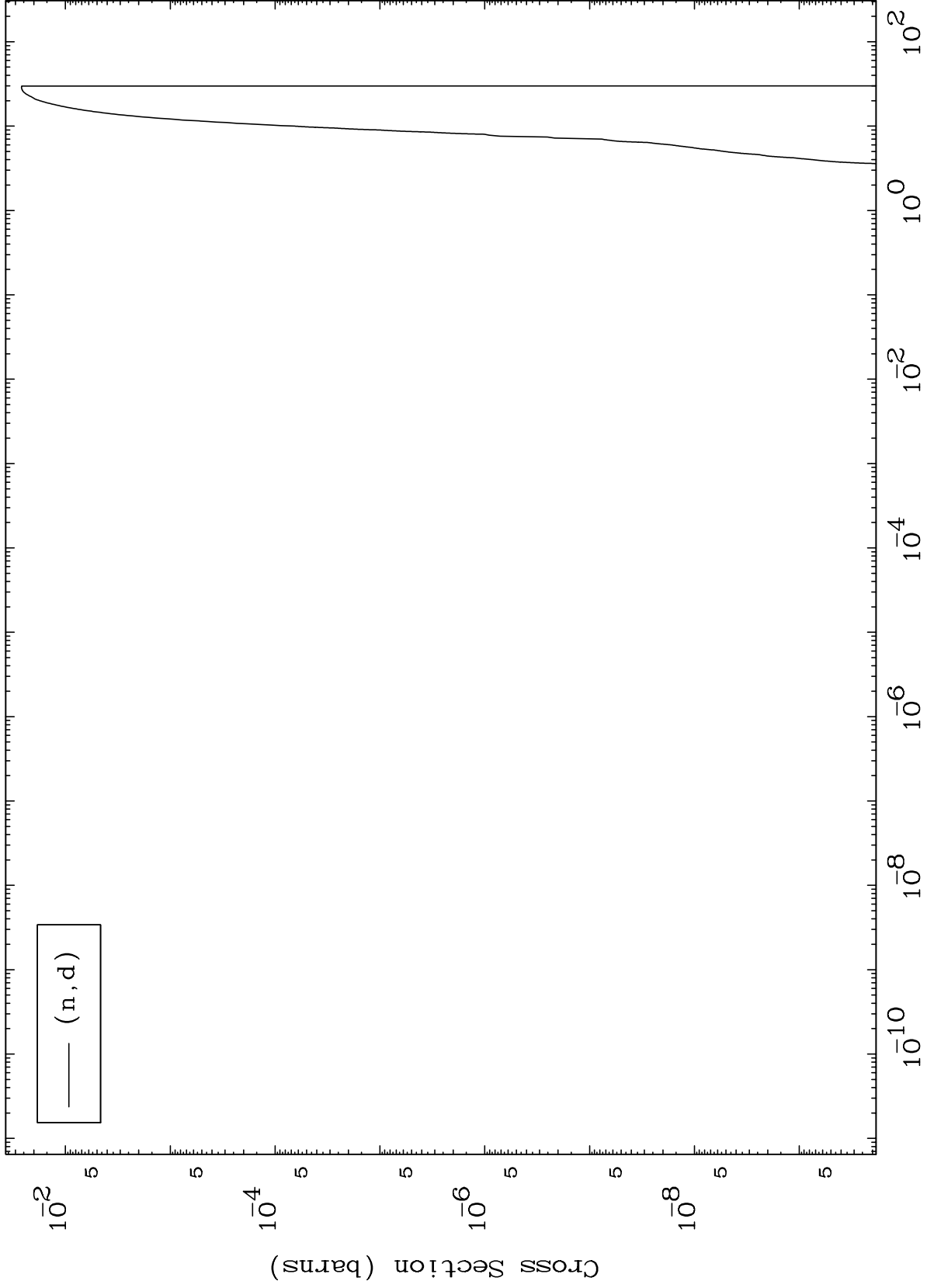
83-Bi-199m



MAT 8296

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-199m



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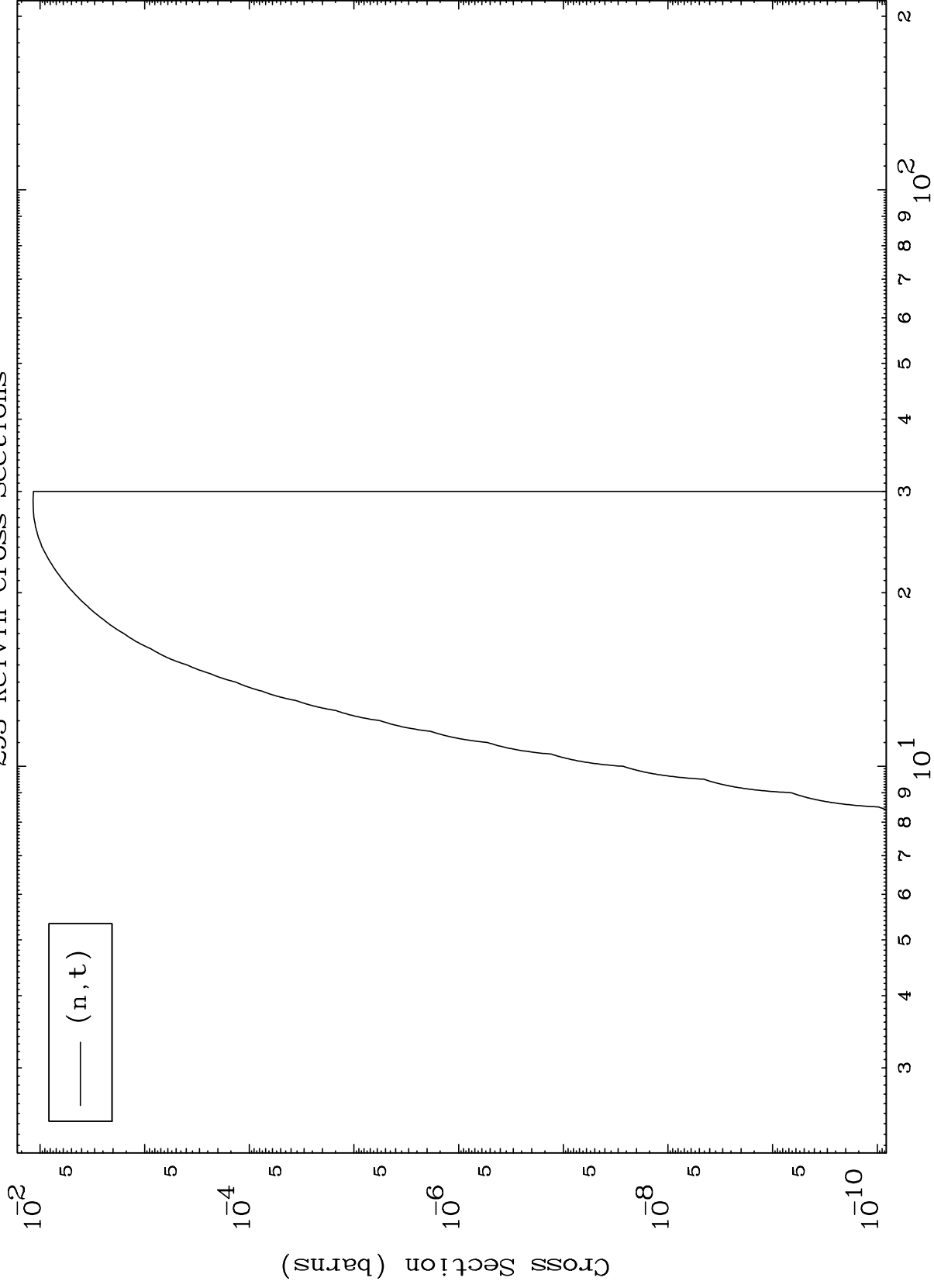
Incident Energy (MeV)

83-Bi-199m

MAT 8296

(n,t) Levels
293 Kelvin Cross Sections

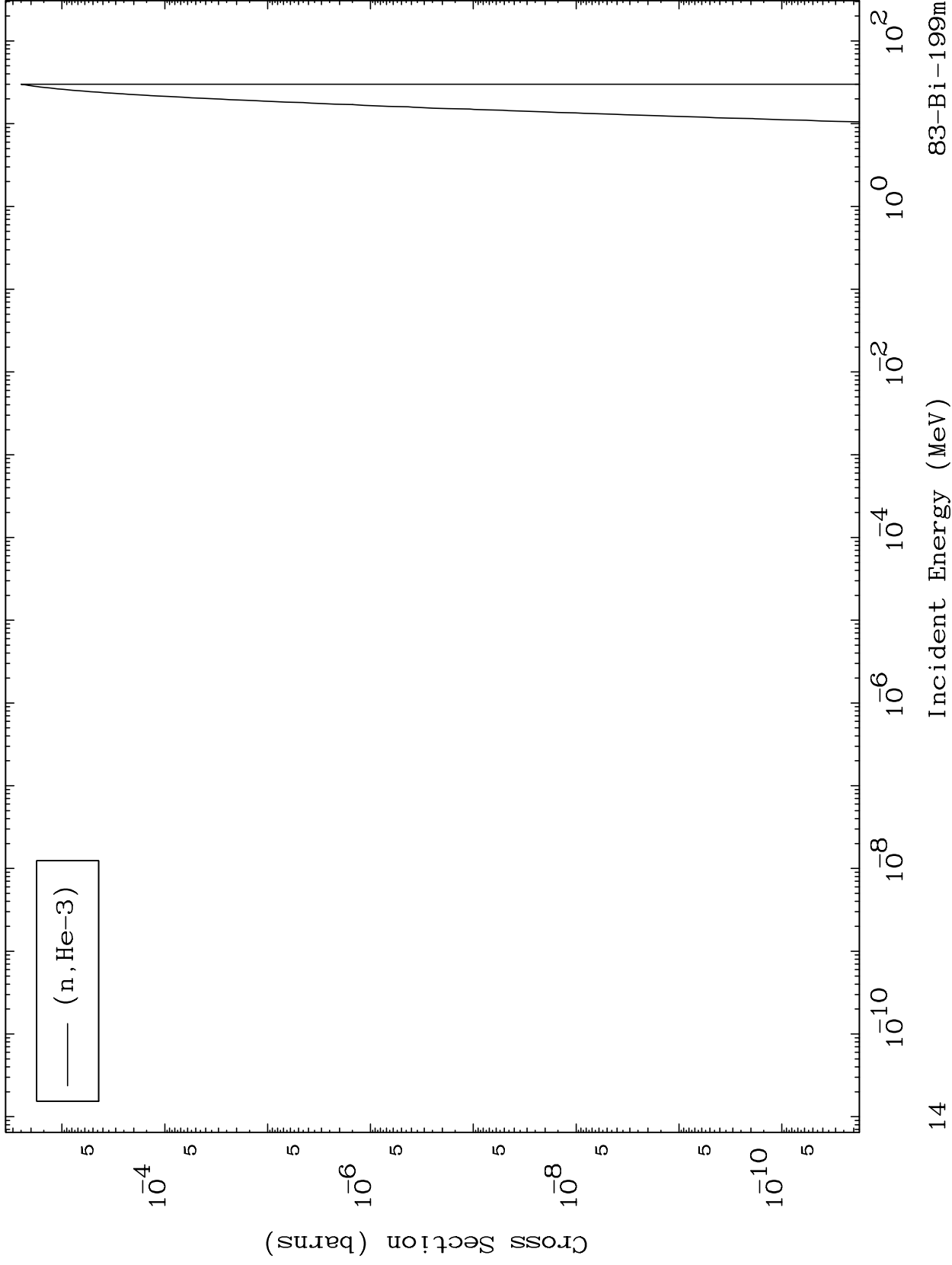
83-Bi-199m



MAT 8296

(n,He3) Levels
293 Kelvin Cross Sections

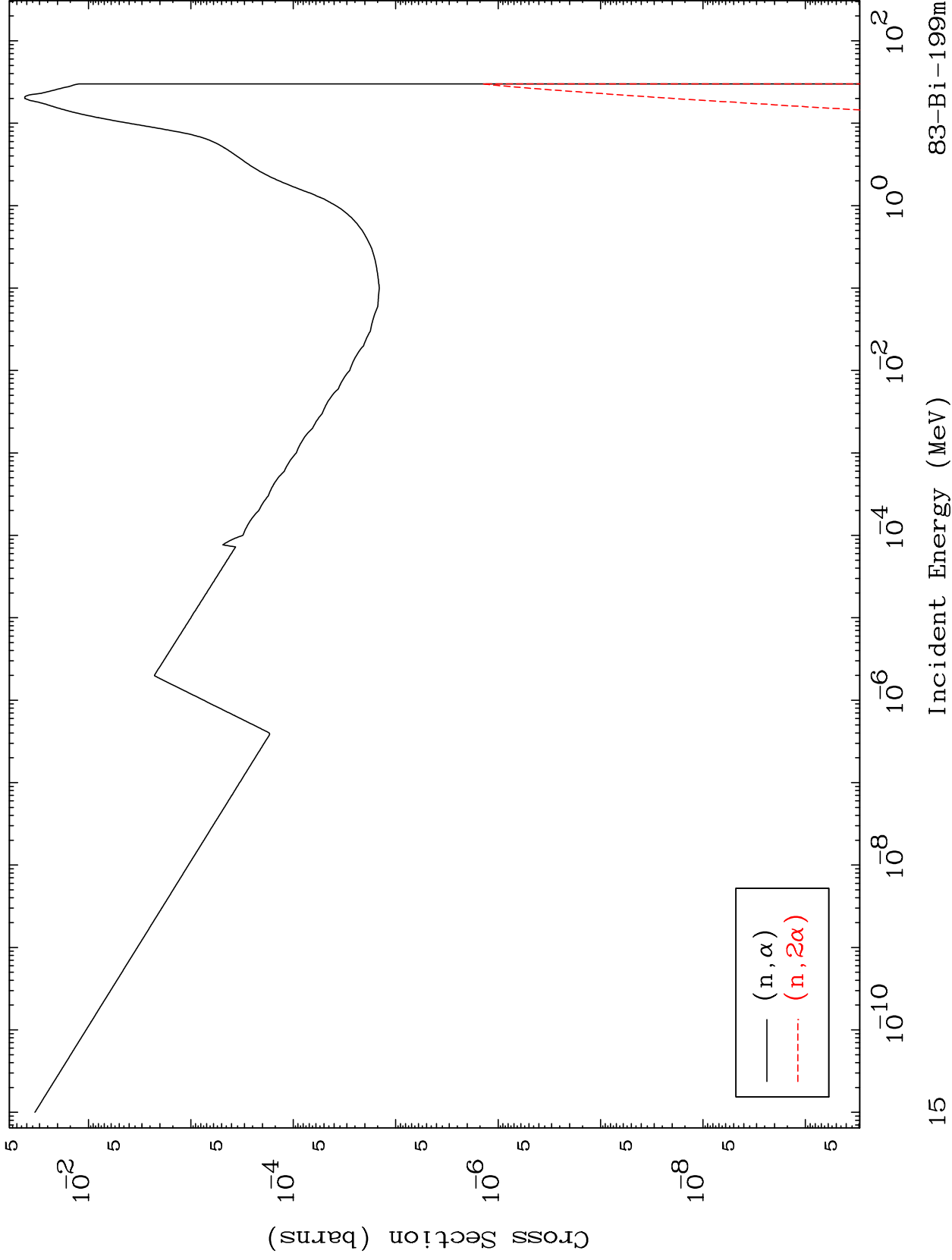
83-Bi-199m



MAT 8296

(n,α) Levels
293 Kelvin Cross Sections

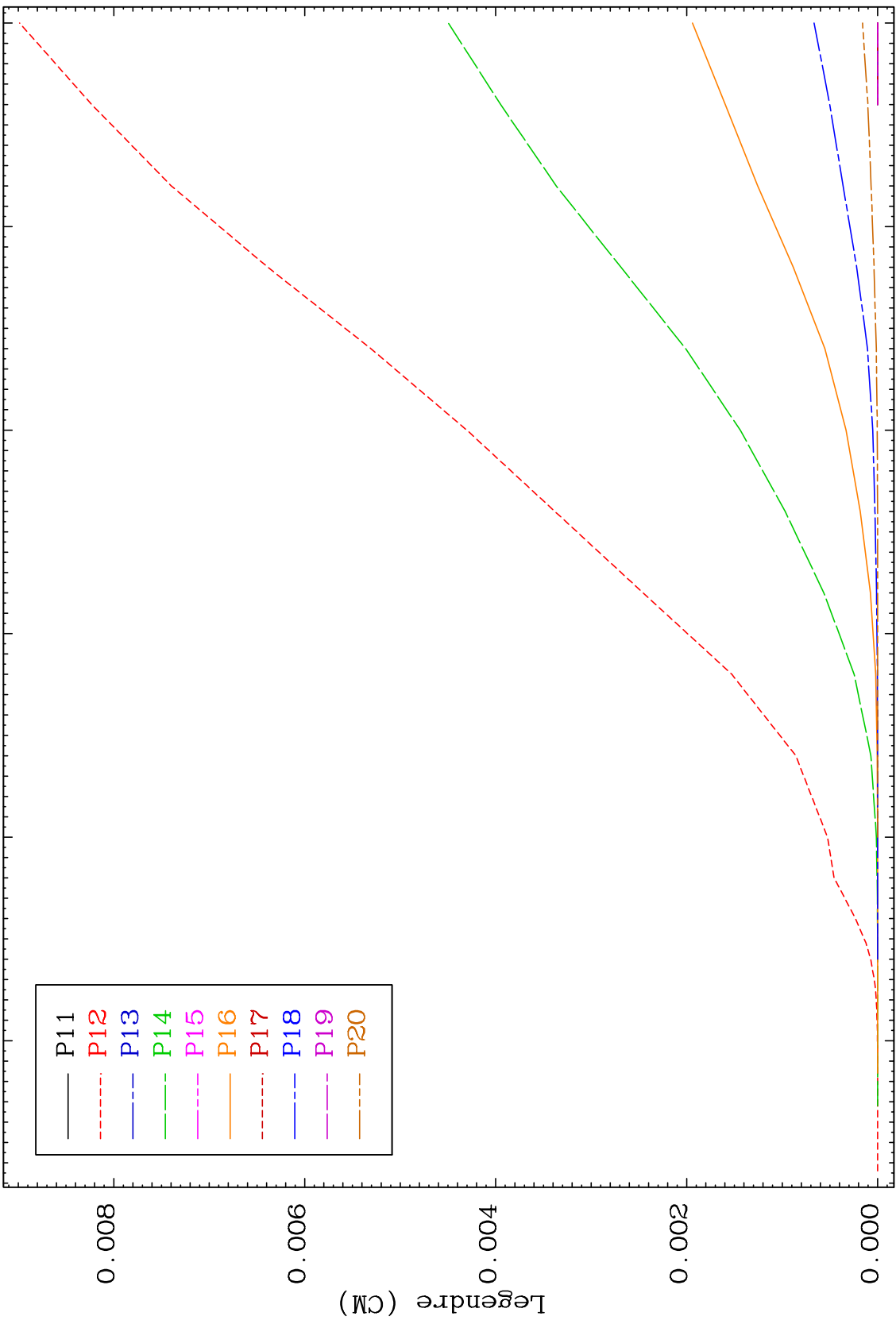
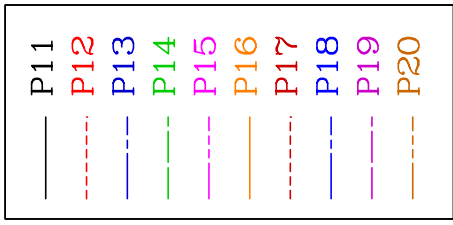
83-Bi-199m



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Elastic Legendre Coefficients

83-Bi-199m



17

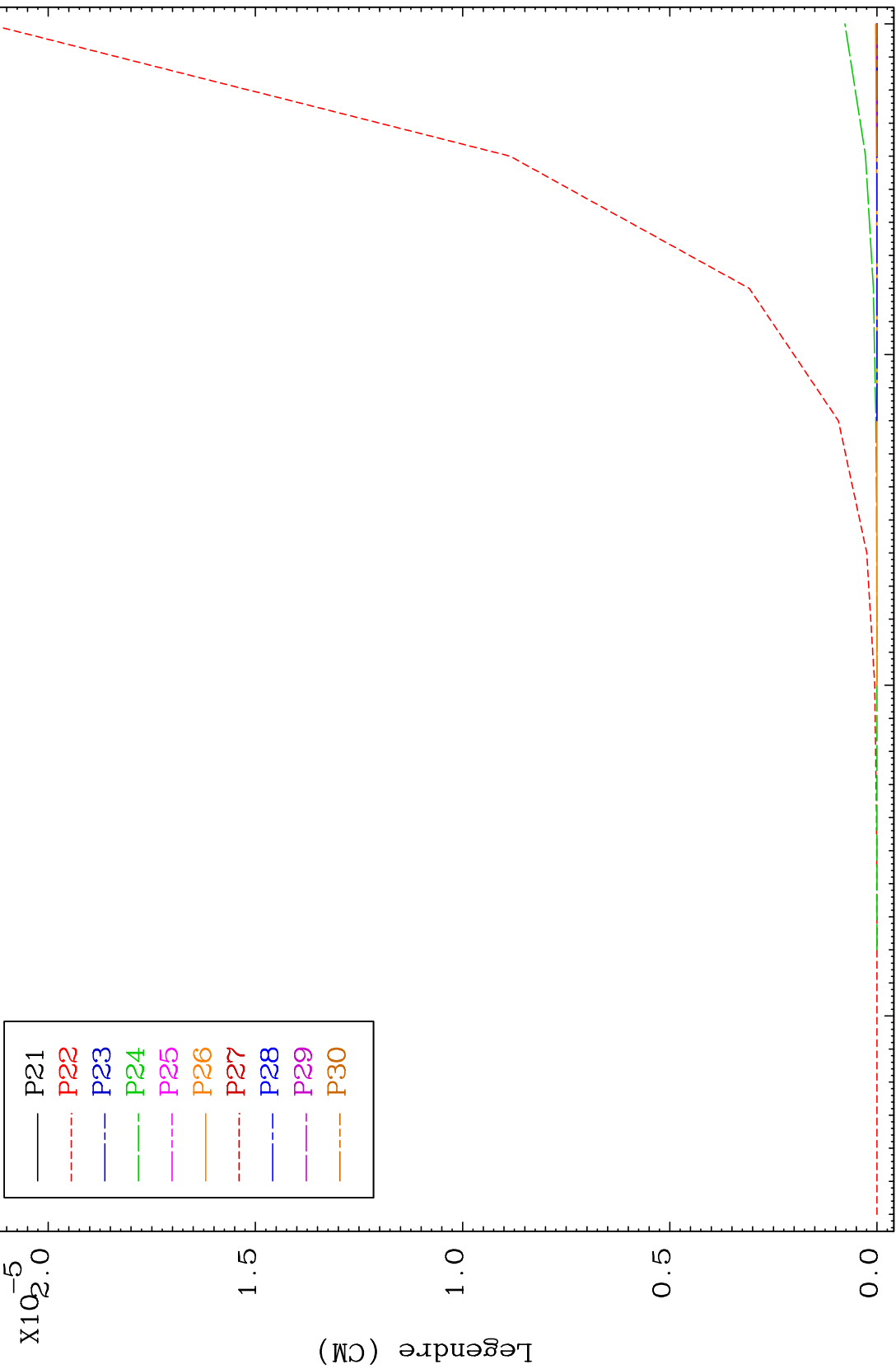
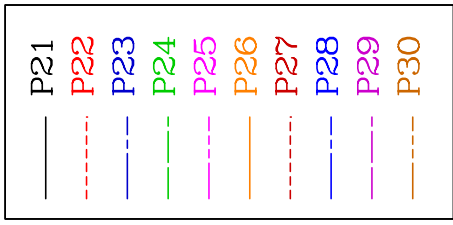
Incident Energy (MeV)

83-Bi-199m

MAT 8296

Elastic Legendre Coefficients

83-Bi-199m



18

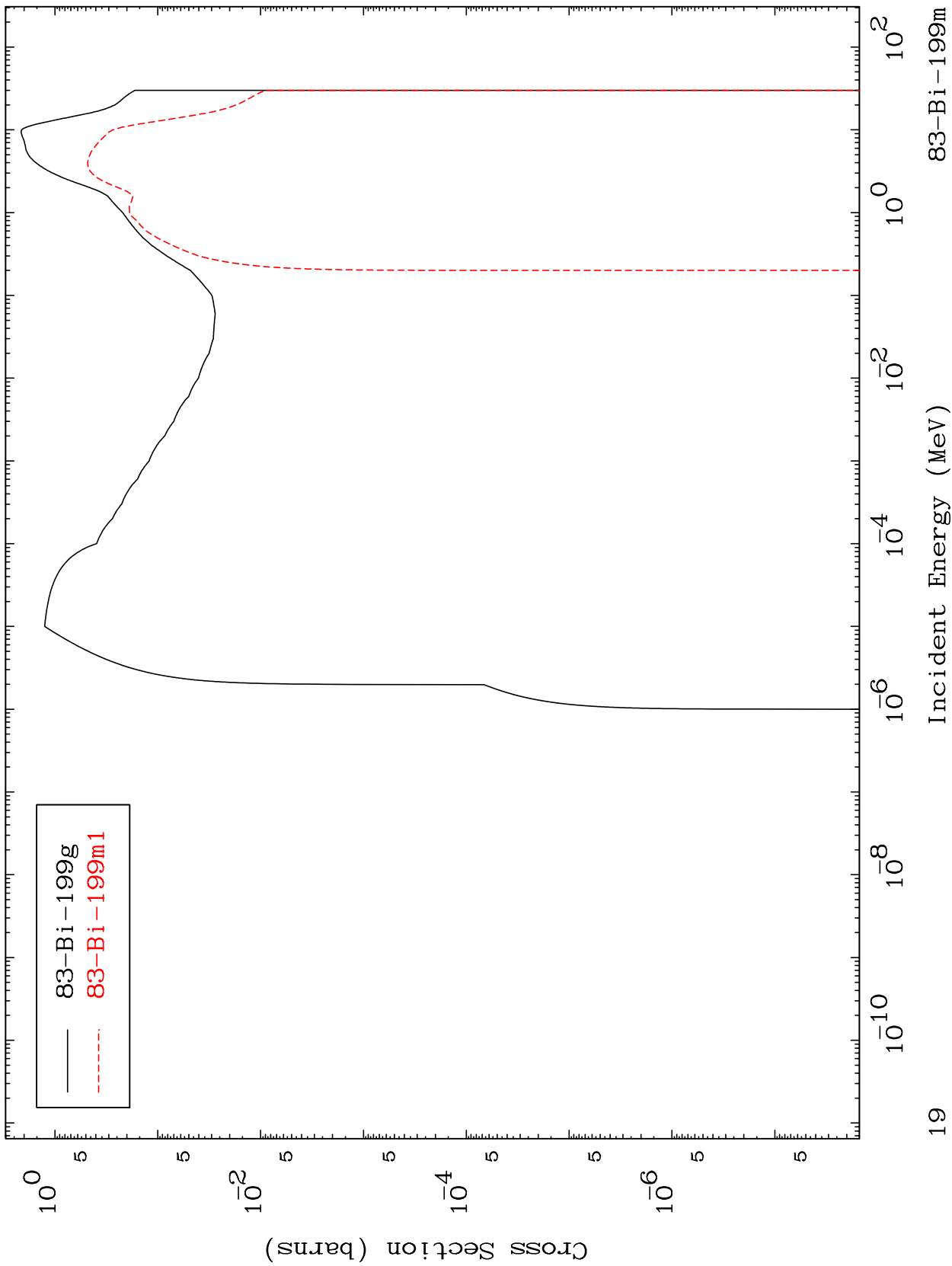
Incident Energy (MeV)

83-Bi-199m

MAT 8296

Inelastic
Radionuclide Production Cross Section

83-Bi-199m

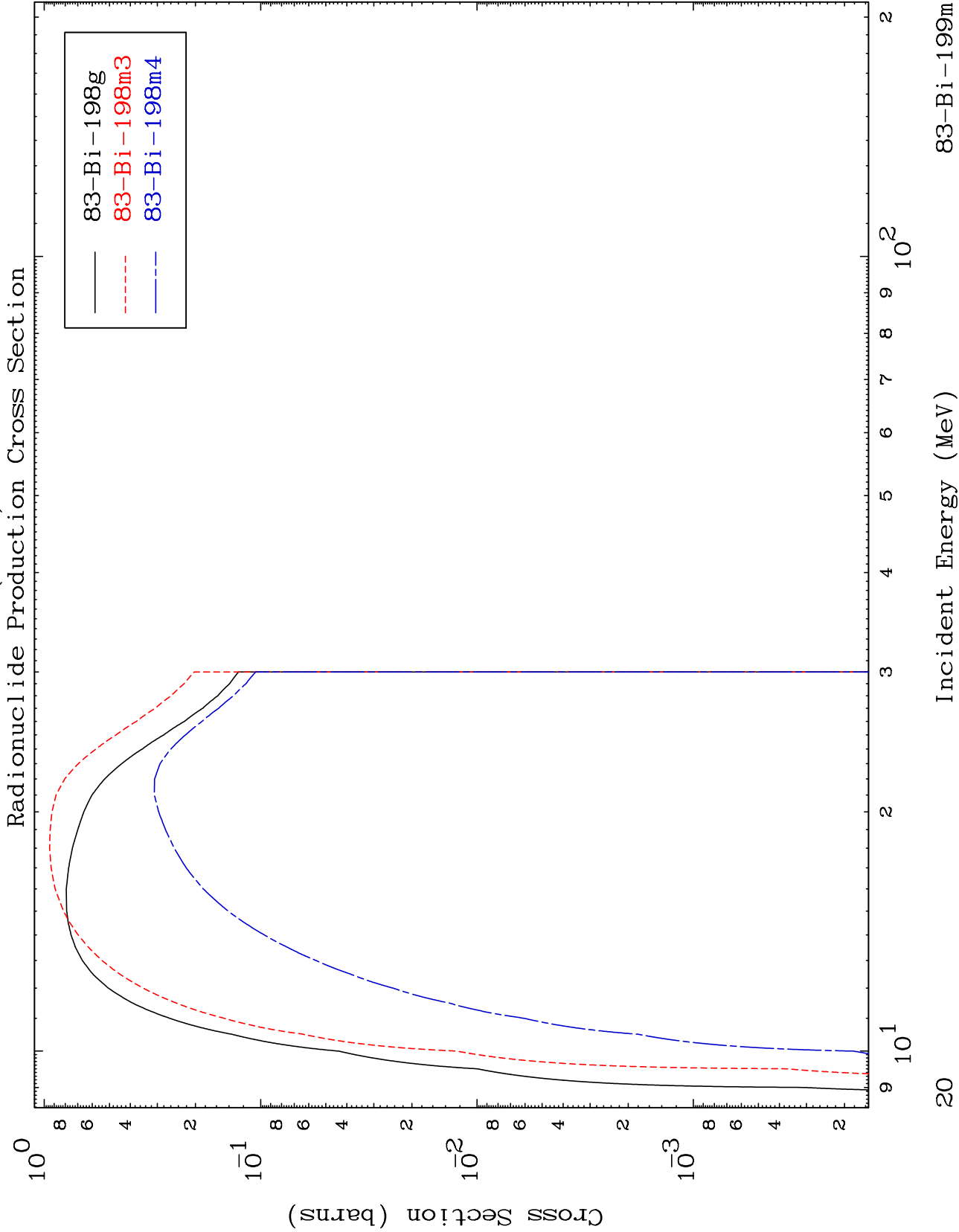


83-Bi-199g
83-Bi-199m1

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(n,2n)

⁸³Bi-199m



20

Incident Energy (MeV)

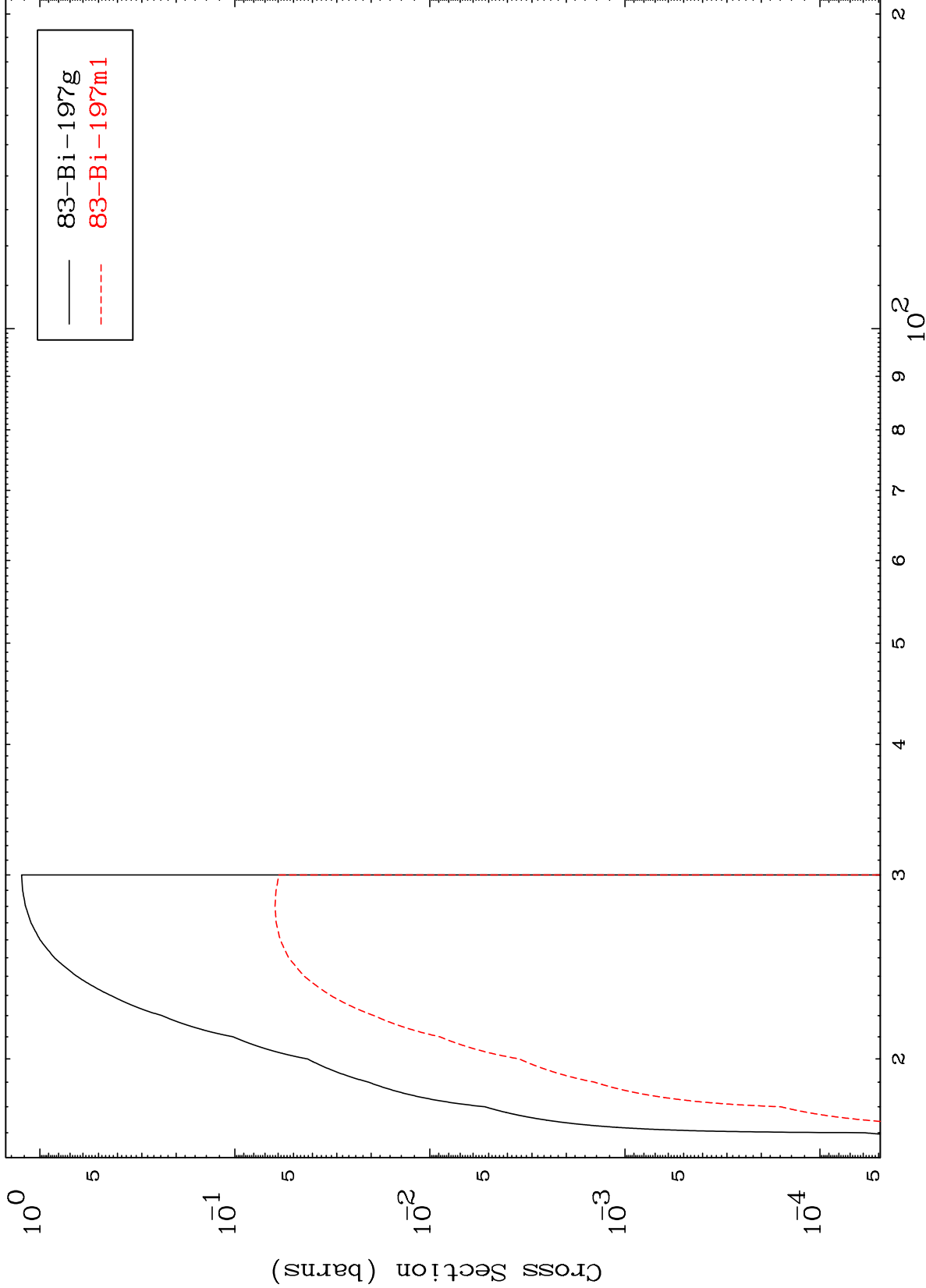
⁸³Bi-199m

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(n,3n)

83-Bi-199m

Radionuclide Production Cross Section

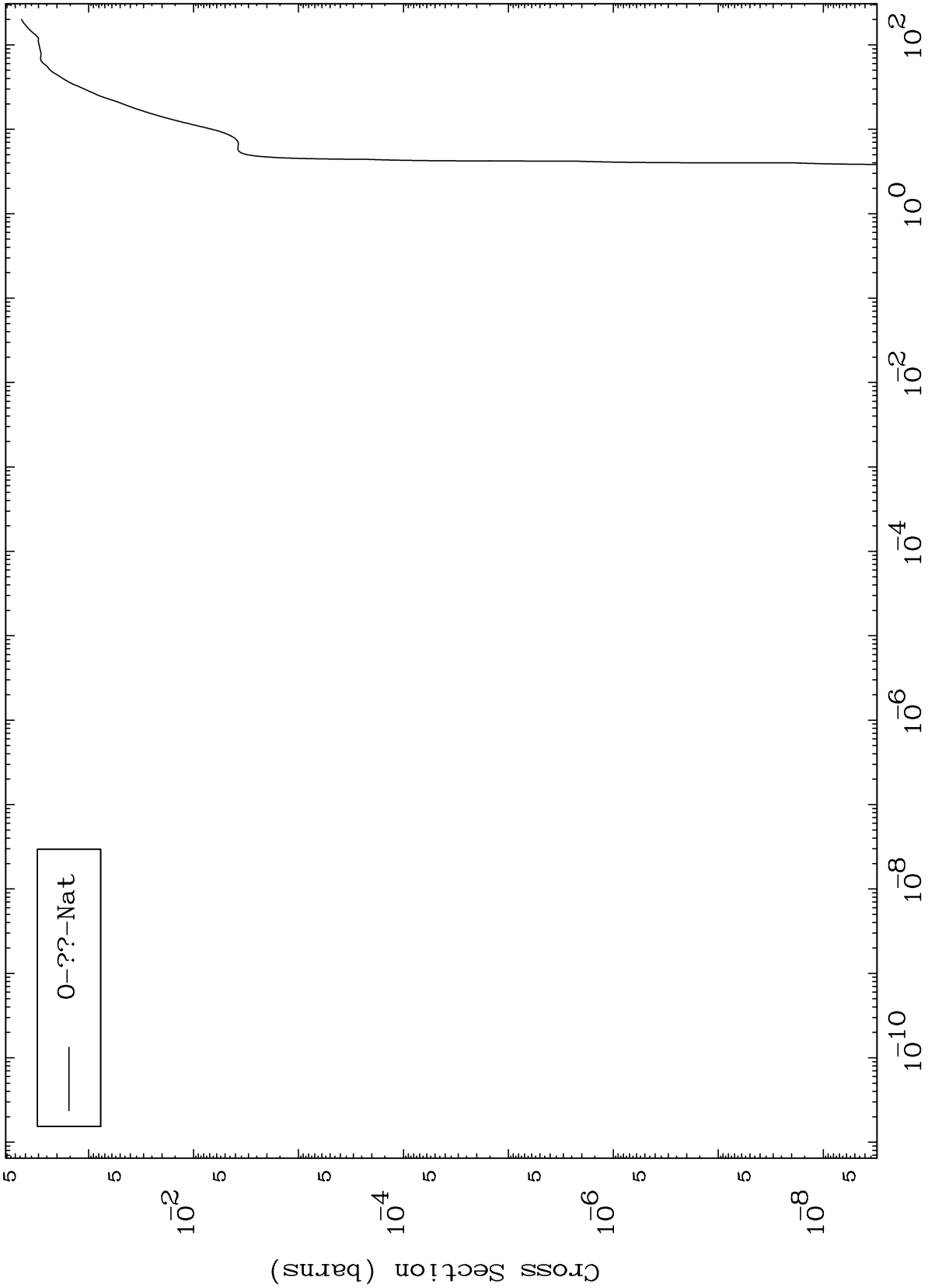


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Fission

83-Bi-199m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

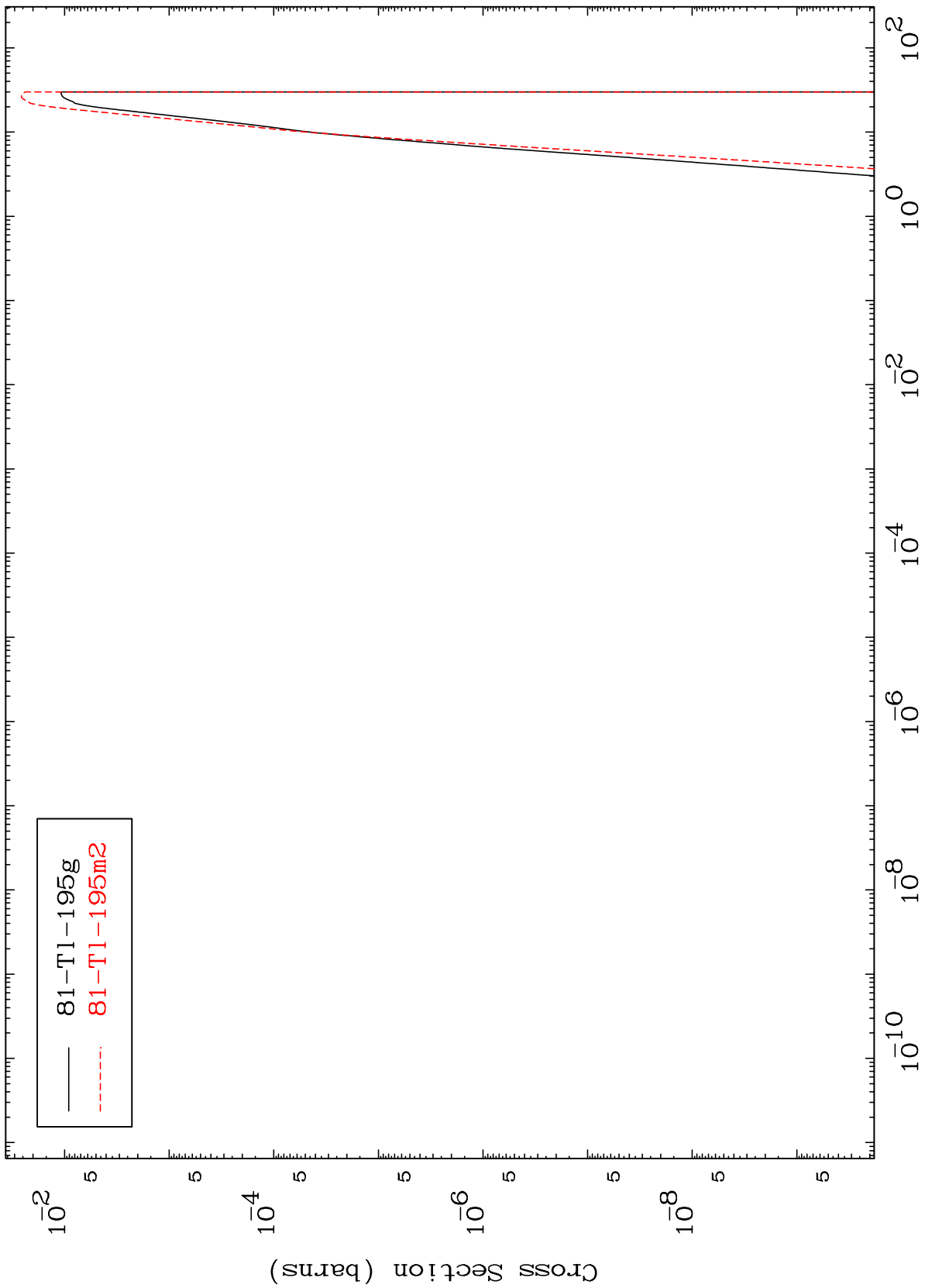
83-Bi-199m

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$(n, n') \alpha$

83-Bi-199m

Radionuclide Production Cross Section

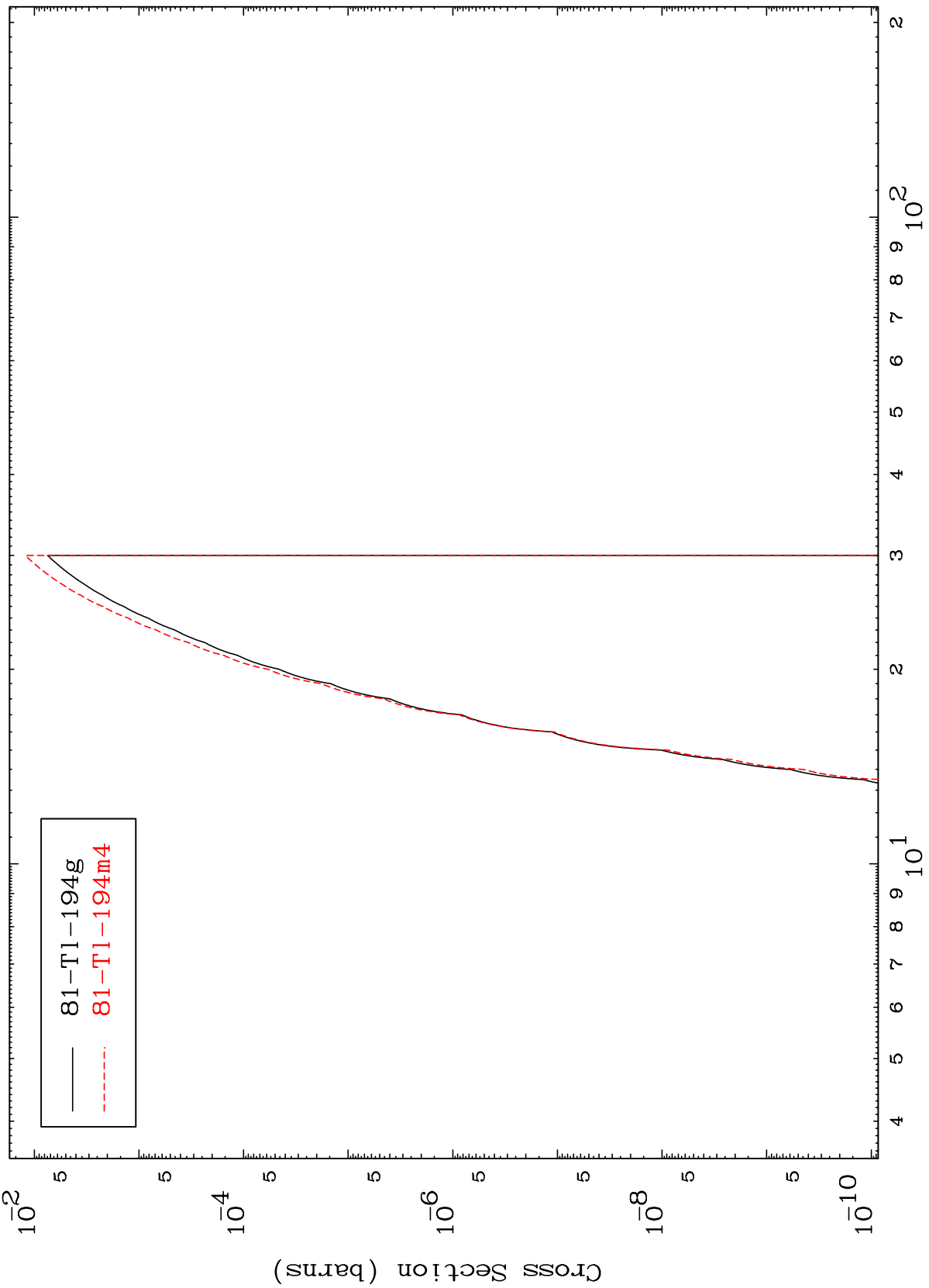


MAT 8296

$(n,2n) \alpha$

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section



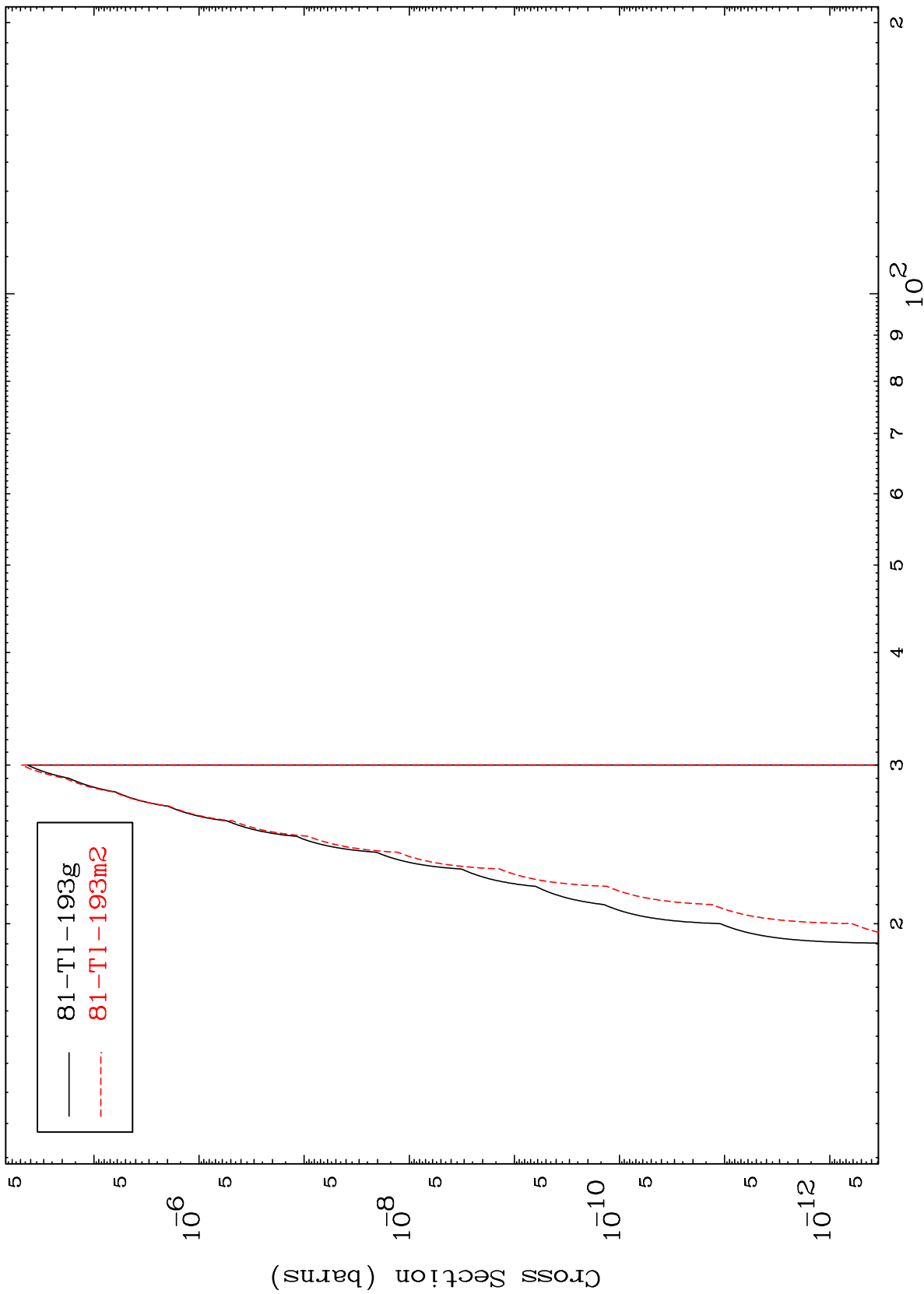
81-Tl-194g
81-Tl-194m4

MAT 8296

(n,3n) α

83-Bi-199m

Radionuclide Production Cross Section

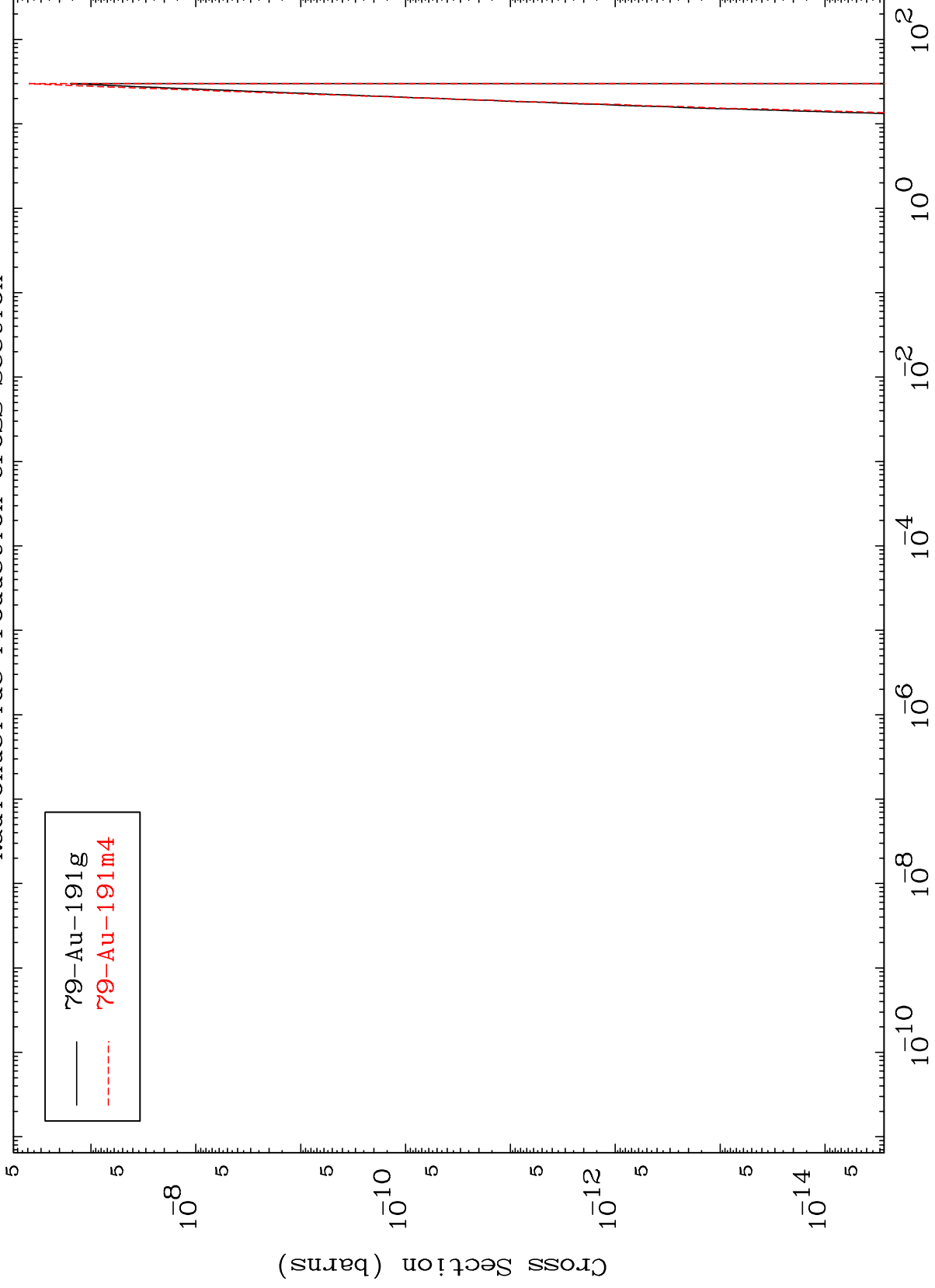


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(n,n') 2 α

83-Bi-199m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

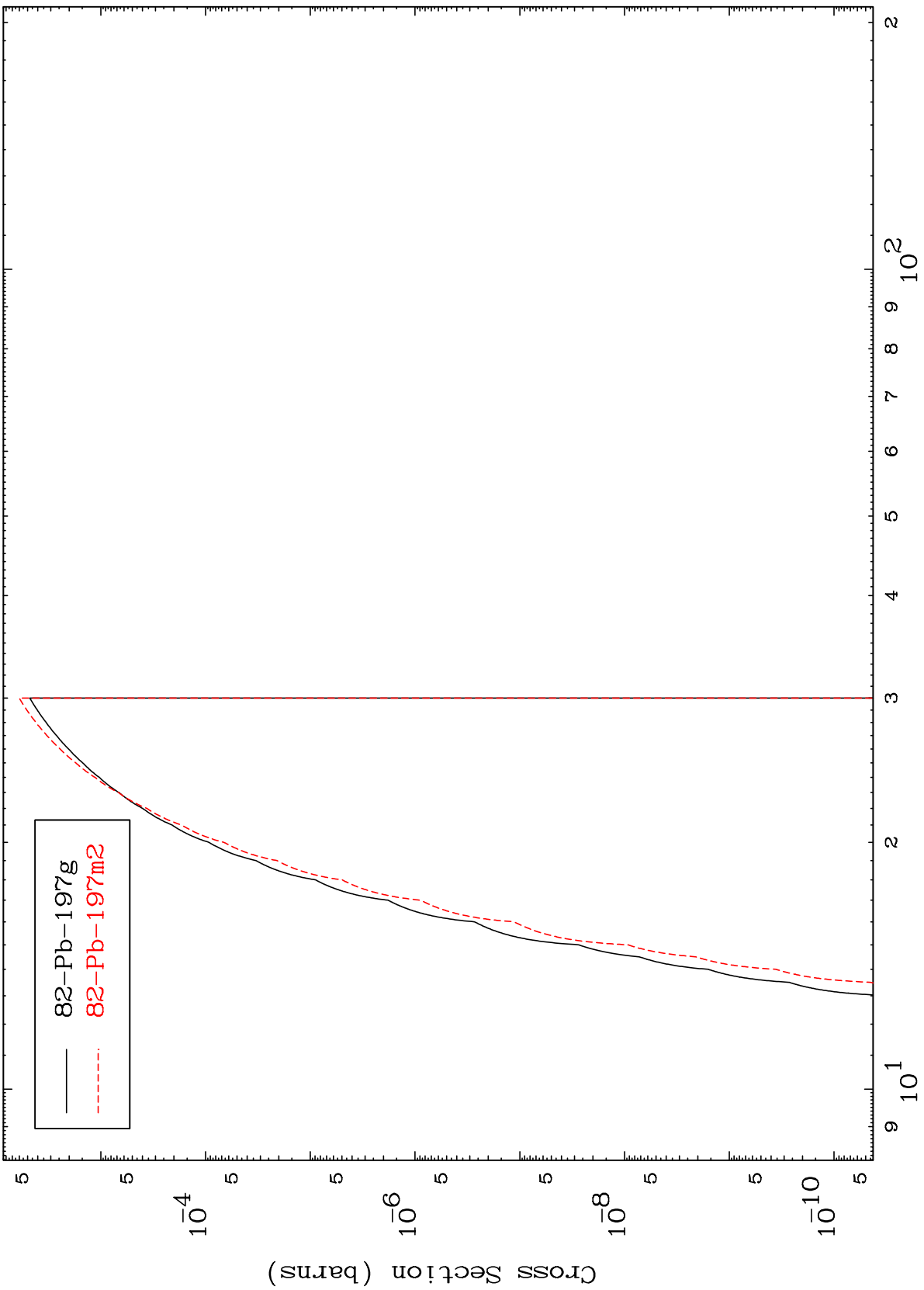
83-Bi-199m

MAT 8296

(n,n') d

83-Bi-199m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

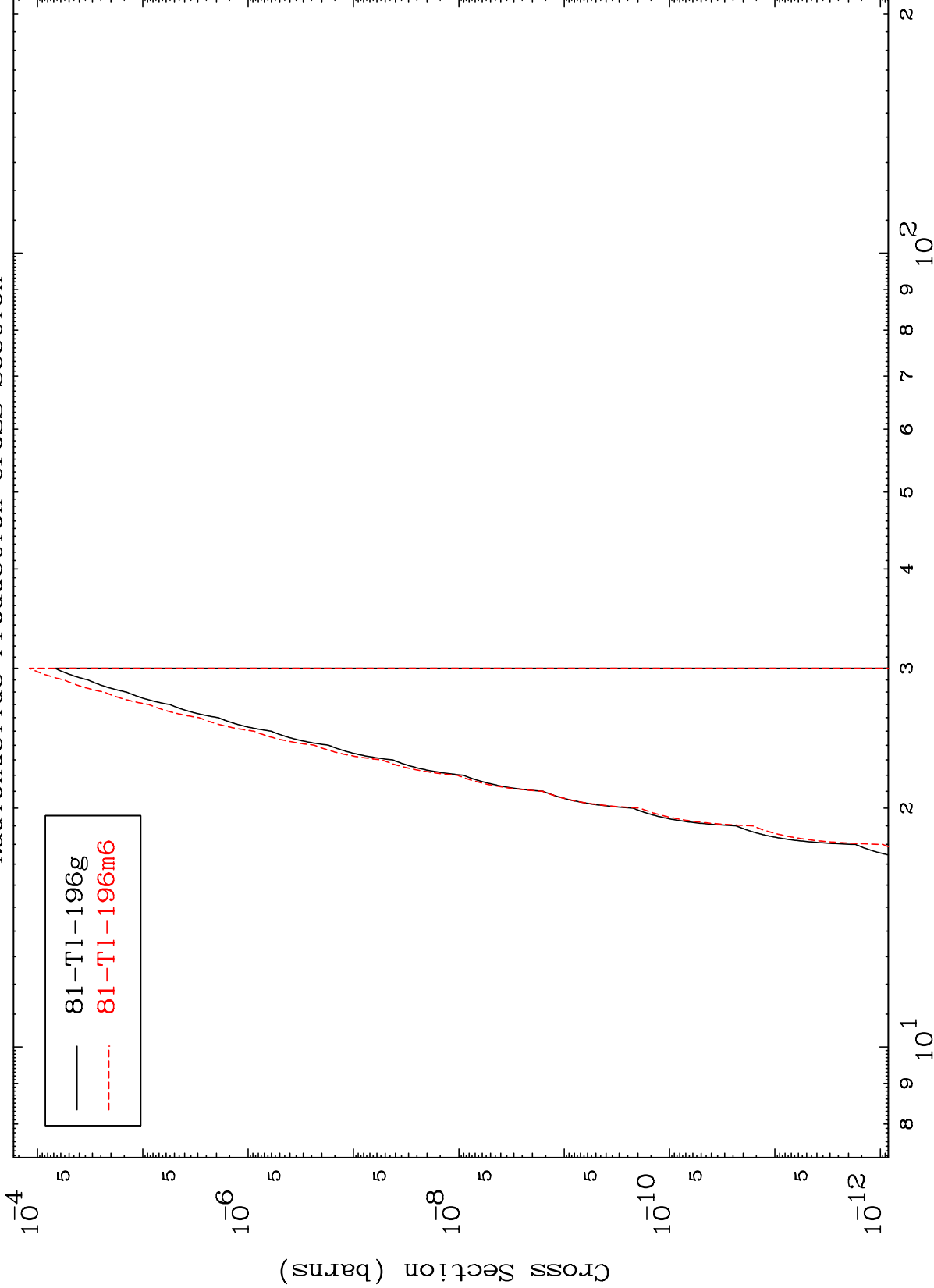
83-Bi-199m

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(n,n') He-3

83-Bi-199m

Radionuclide Production Cross Section

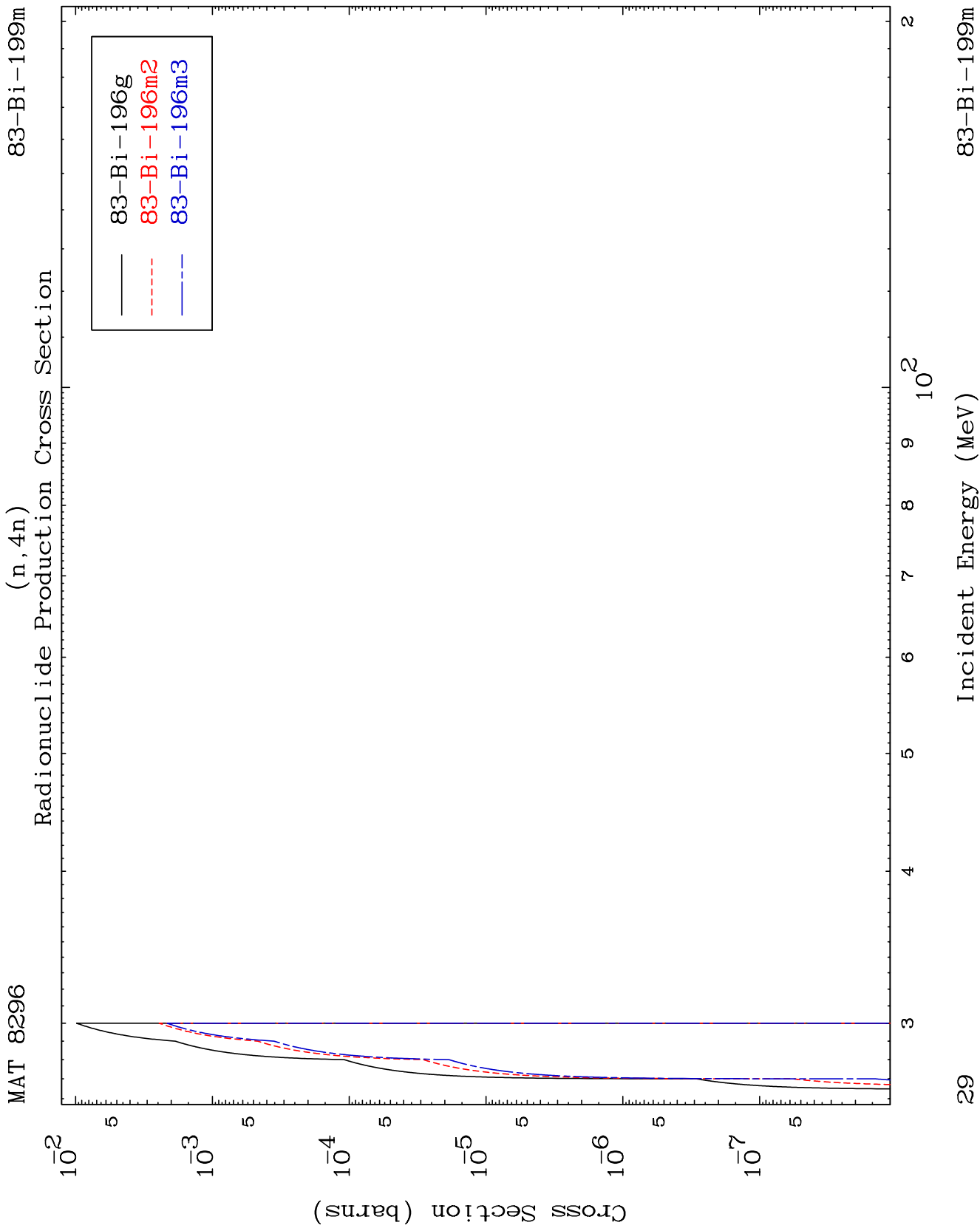


81-Tl-196g
81-Tl-196m6

Incident Energy (MeV)

83-Bi-199m

28

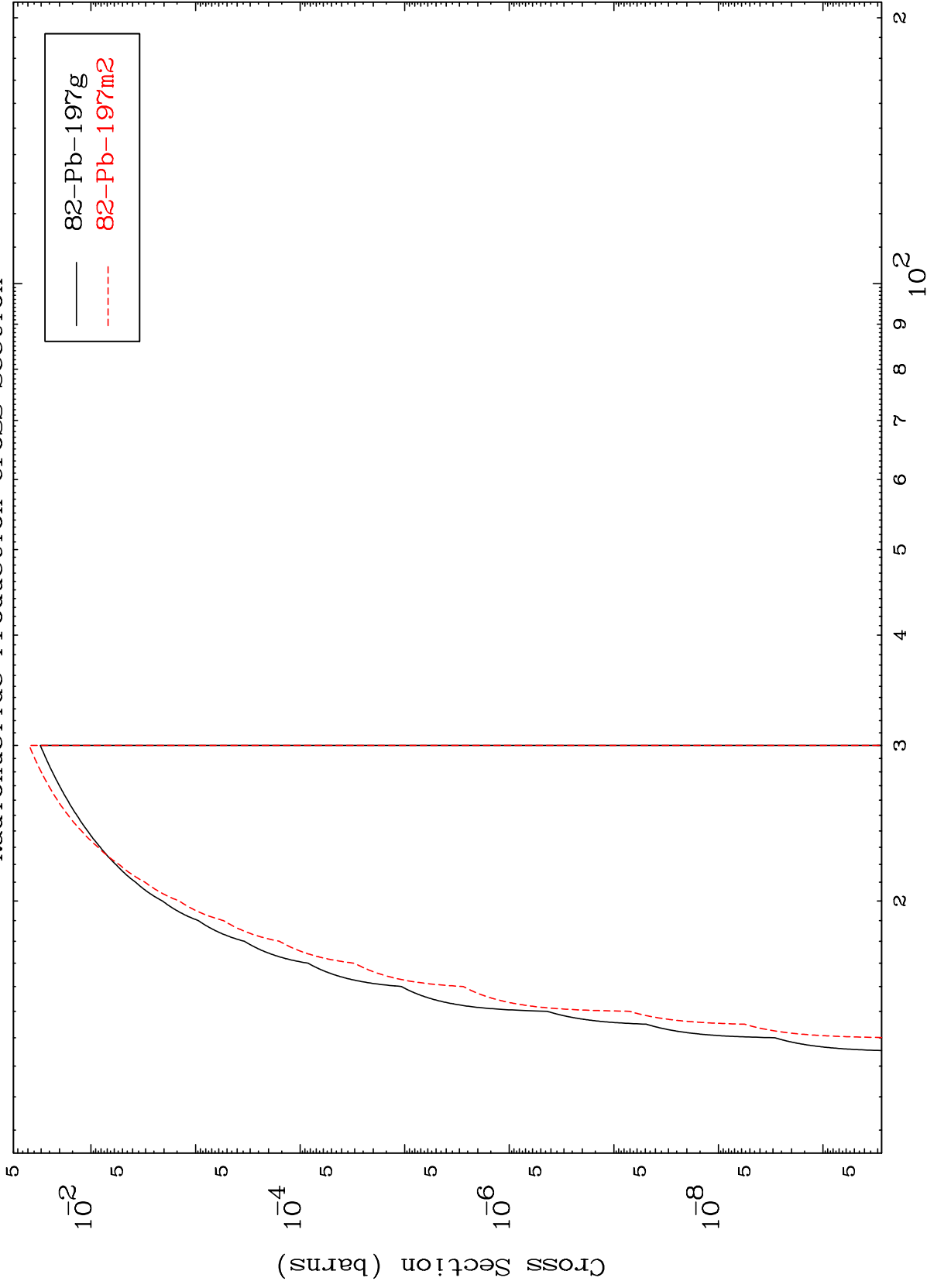


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(n,2n) p

83-Bi-199m

Radionuclide Production Cross Section



30

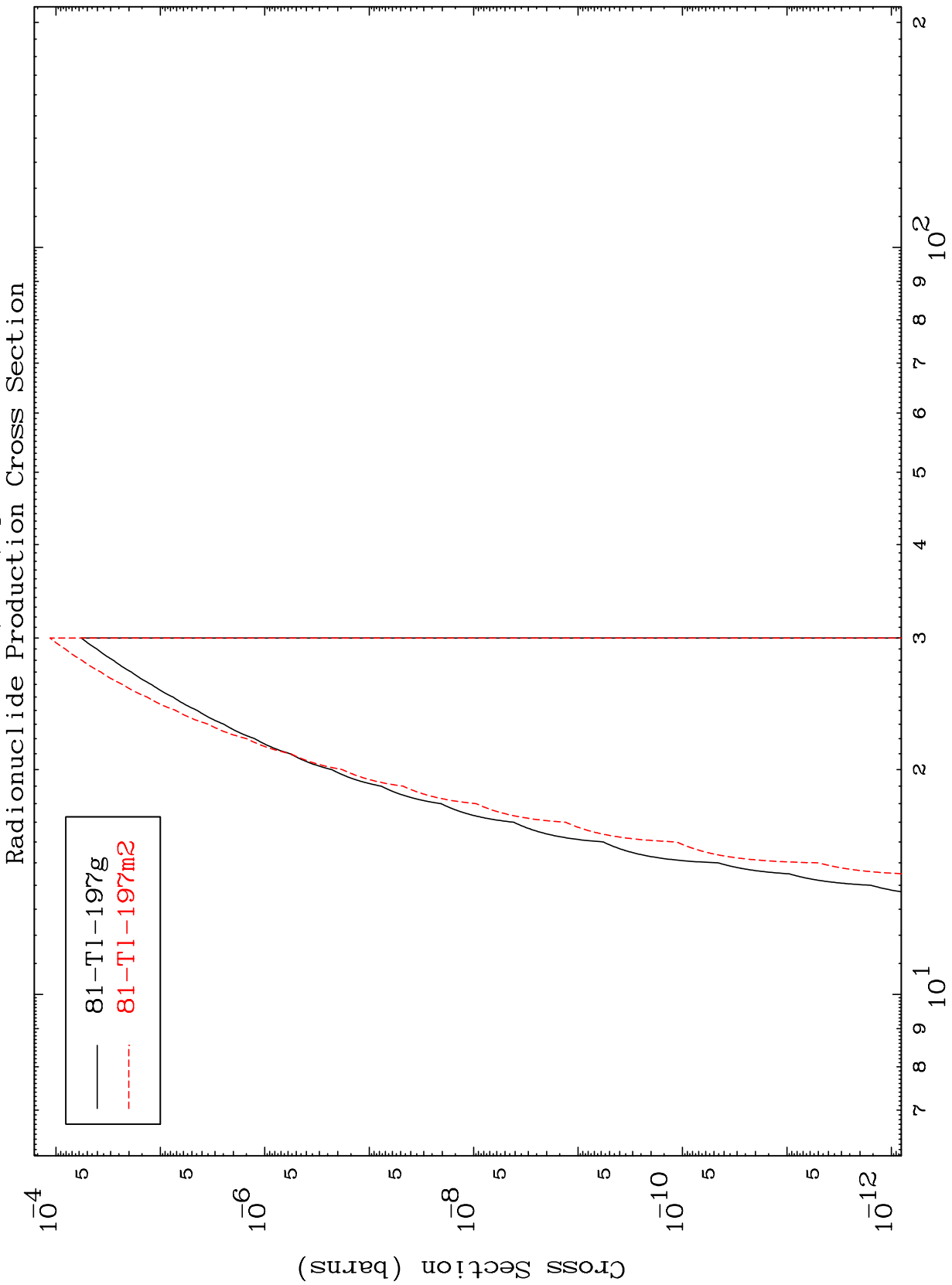
Incident Energy (MeV)

83-Bi-199m

MAT 8296

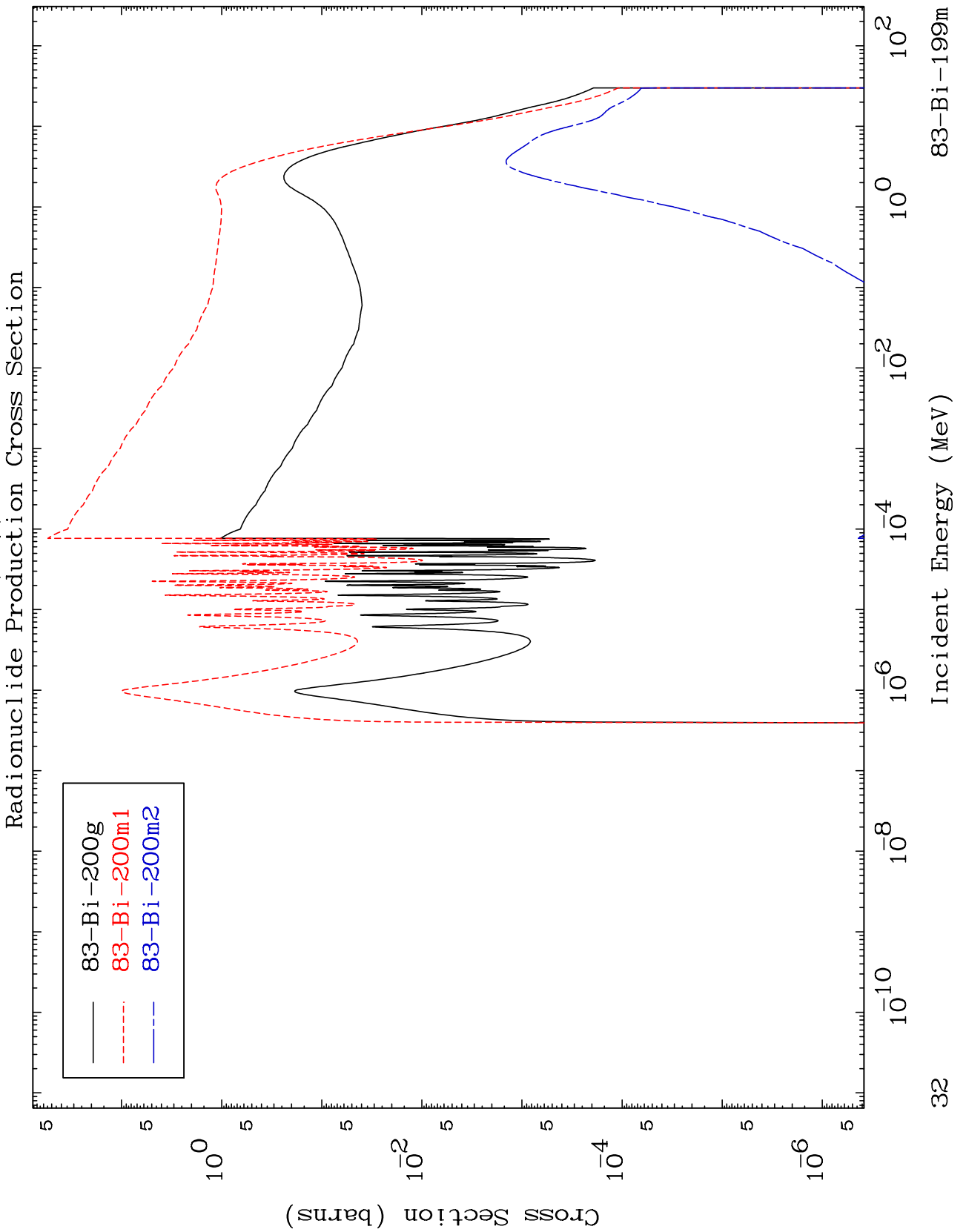
(n,2n) p

83-Bi-199m



MAT 8296

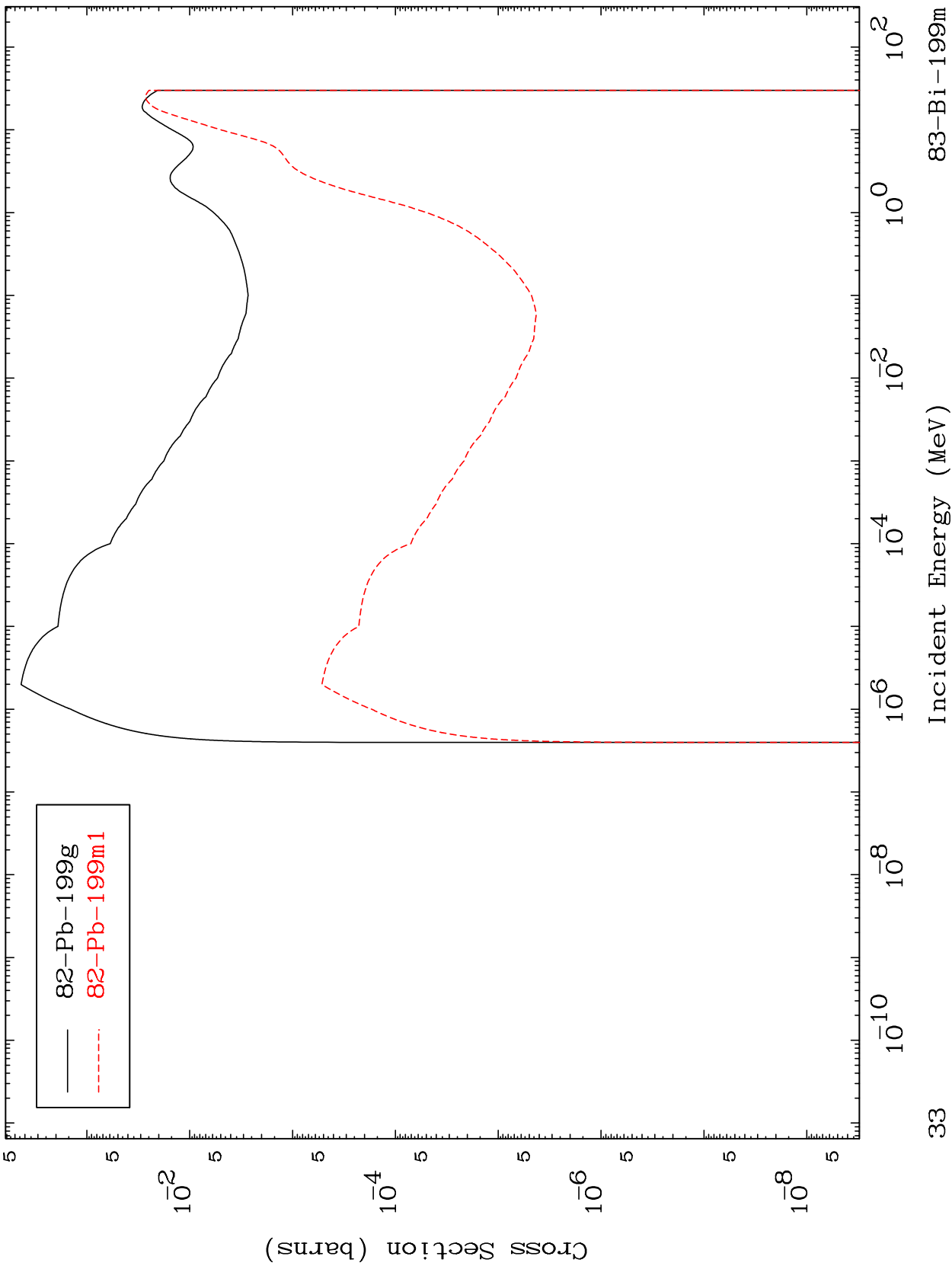
$^{83}\text{Bi}-199\text{m}$



MAT 8296

83-Bi-199m

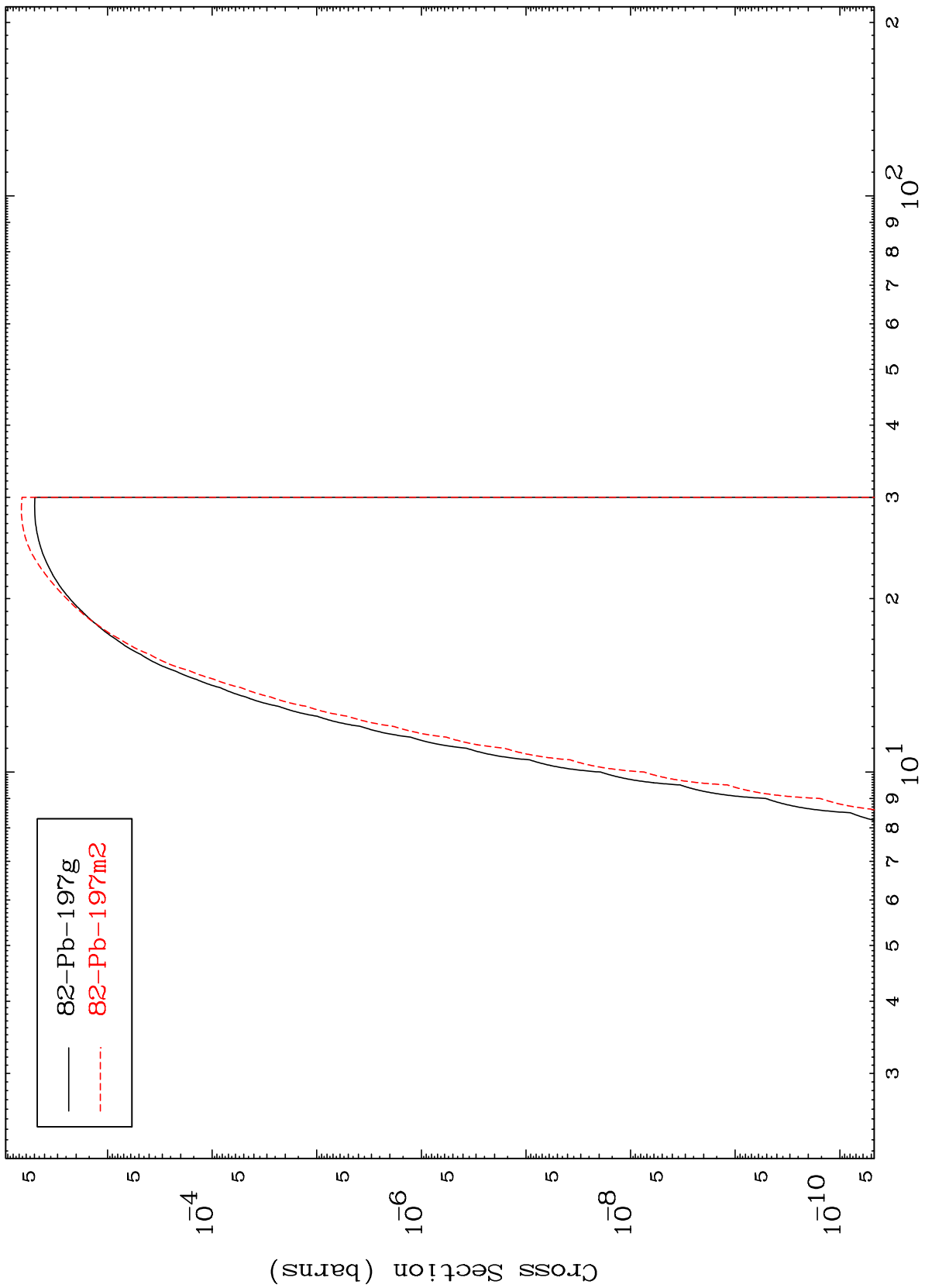
(n,p)
Radionuclide Production Cross Section



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83-Bi-199m

(n, t)
Radionuclide Production Cross Section



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83-Bi-199m

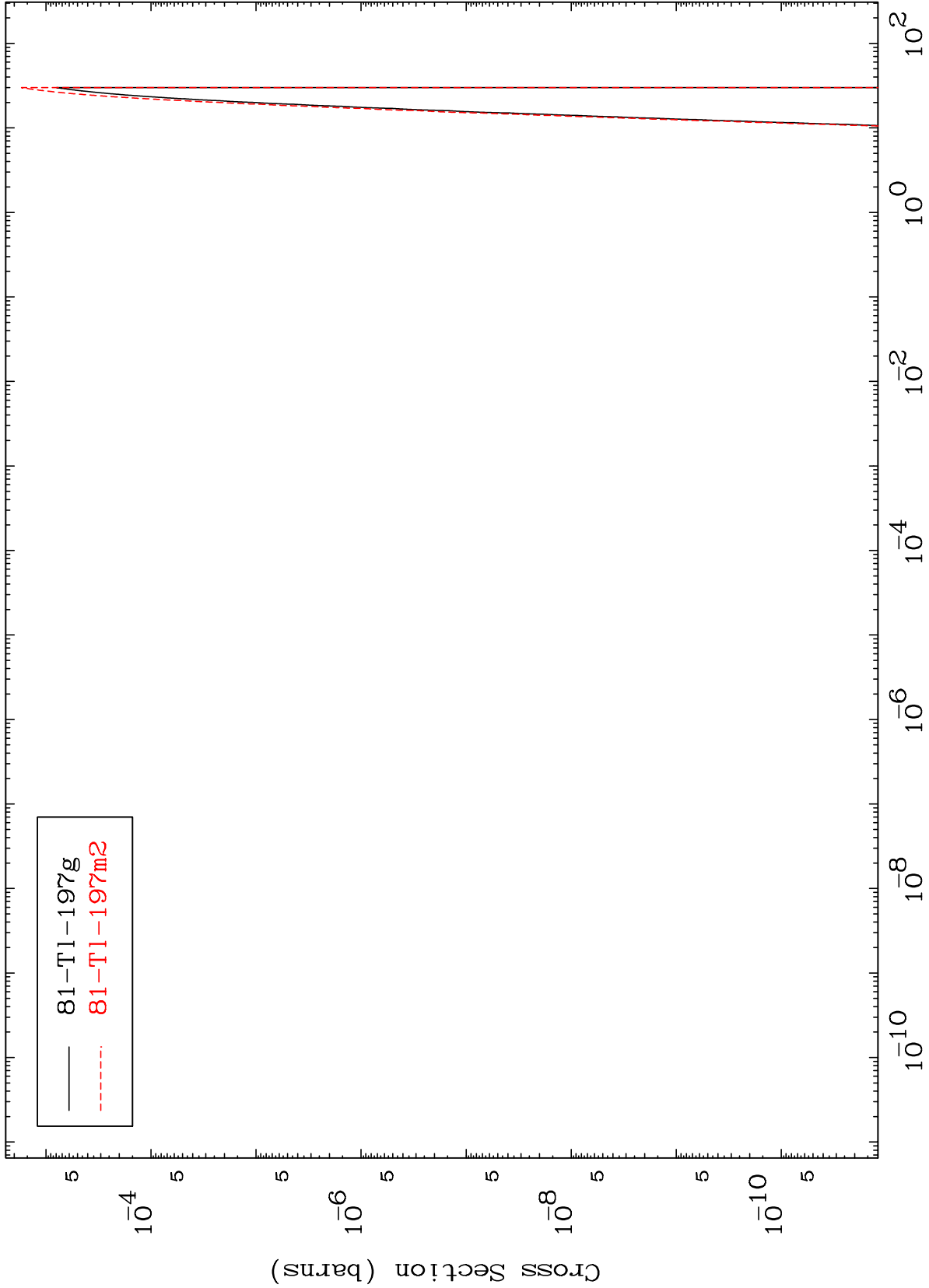
Incident Energy (MeV)

MAT 8296

(n,He-3)

83-Bi-199m

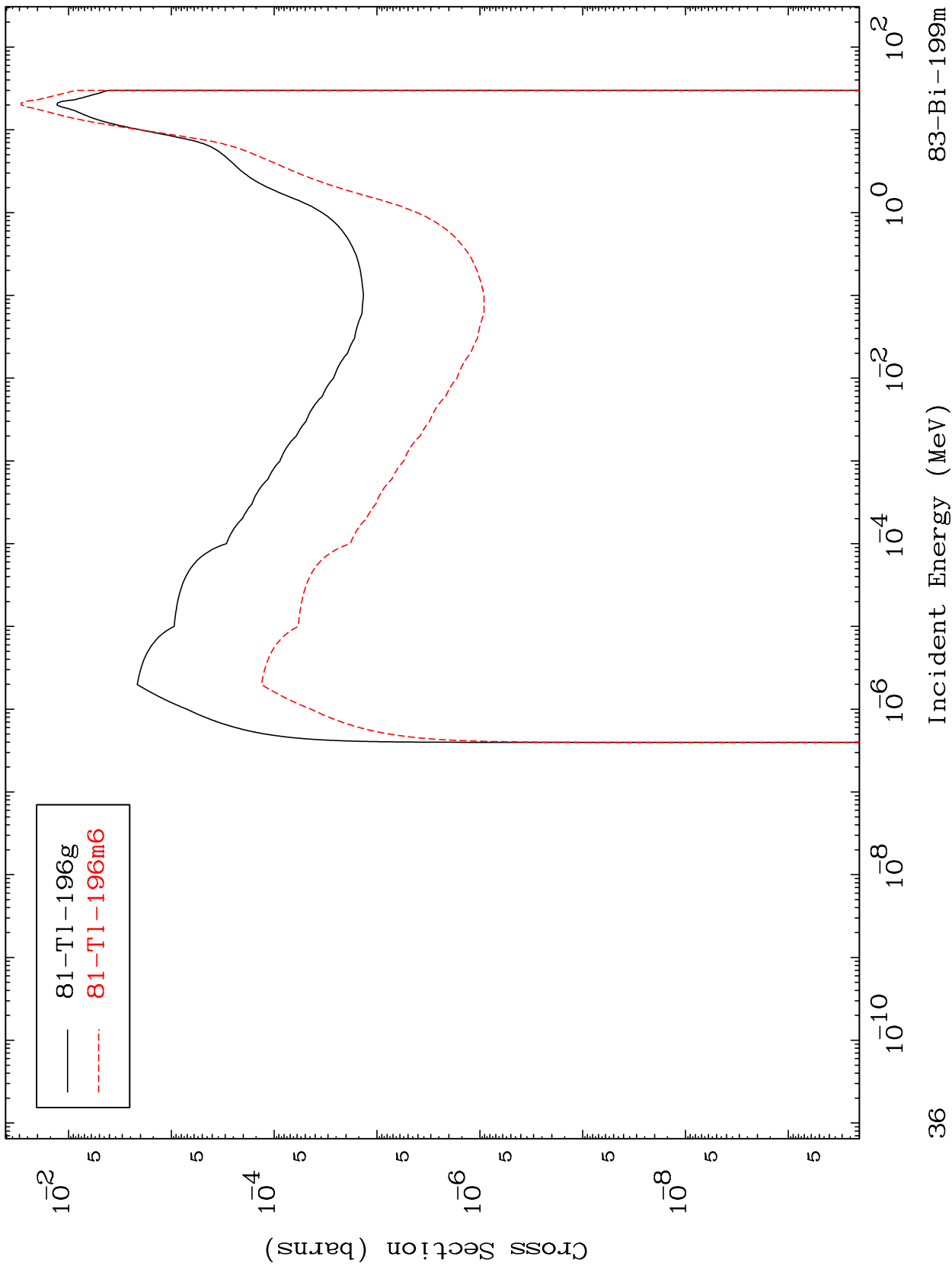
Radionuclide Production Cross Section



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83-Bi-199m

(n, α)
Radionuclide Production Cross Section



36

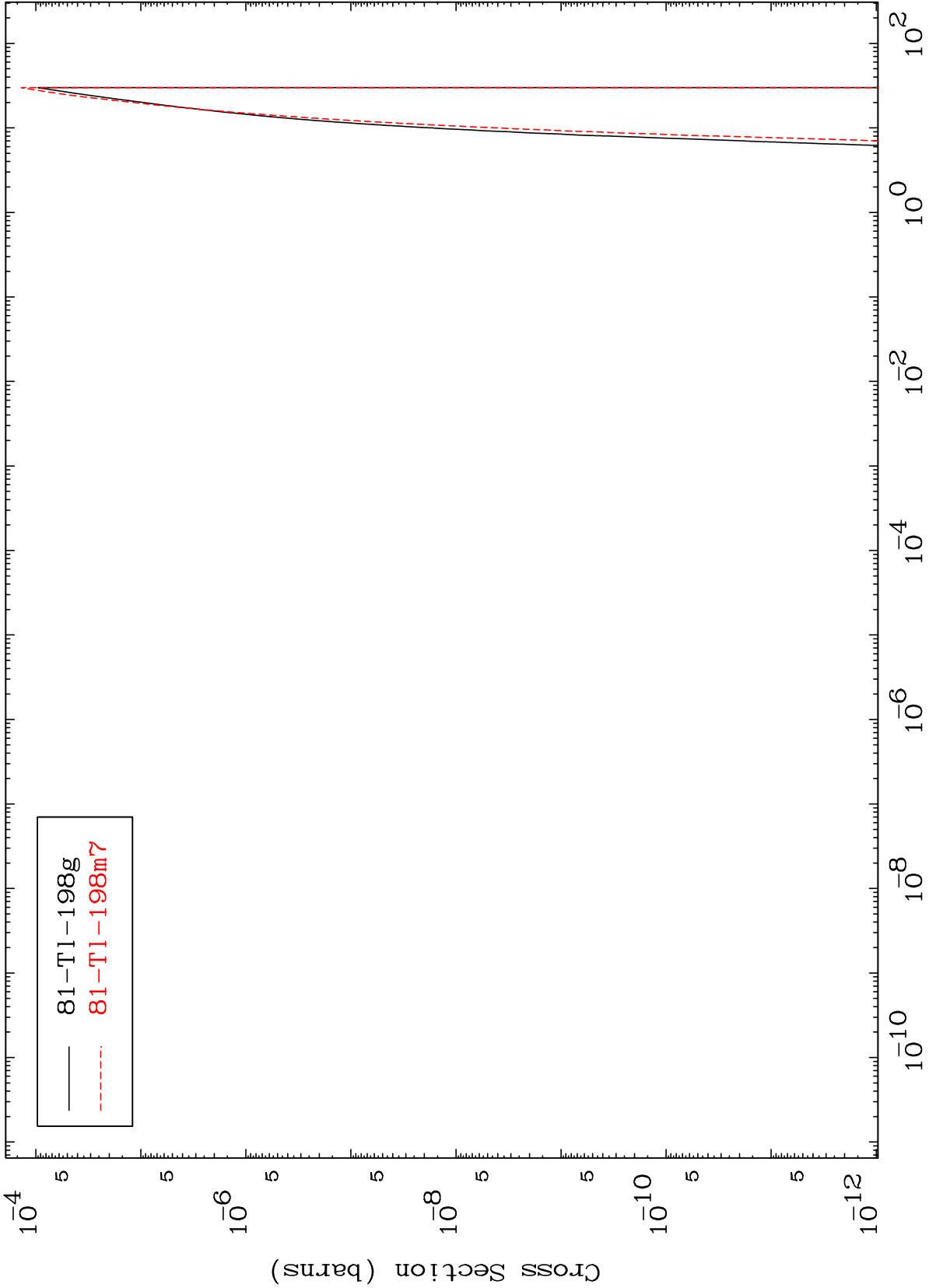
83-Bi-199m

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(n,2p)

⁸³Bi-199m

Radionuclide Production Cross Section

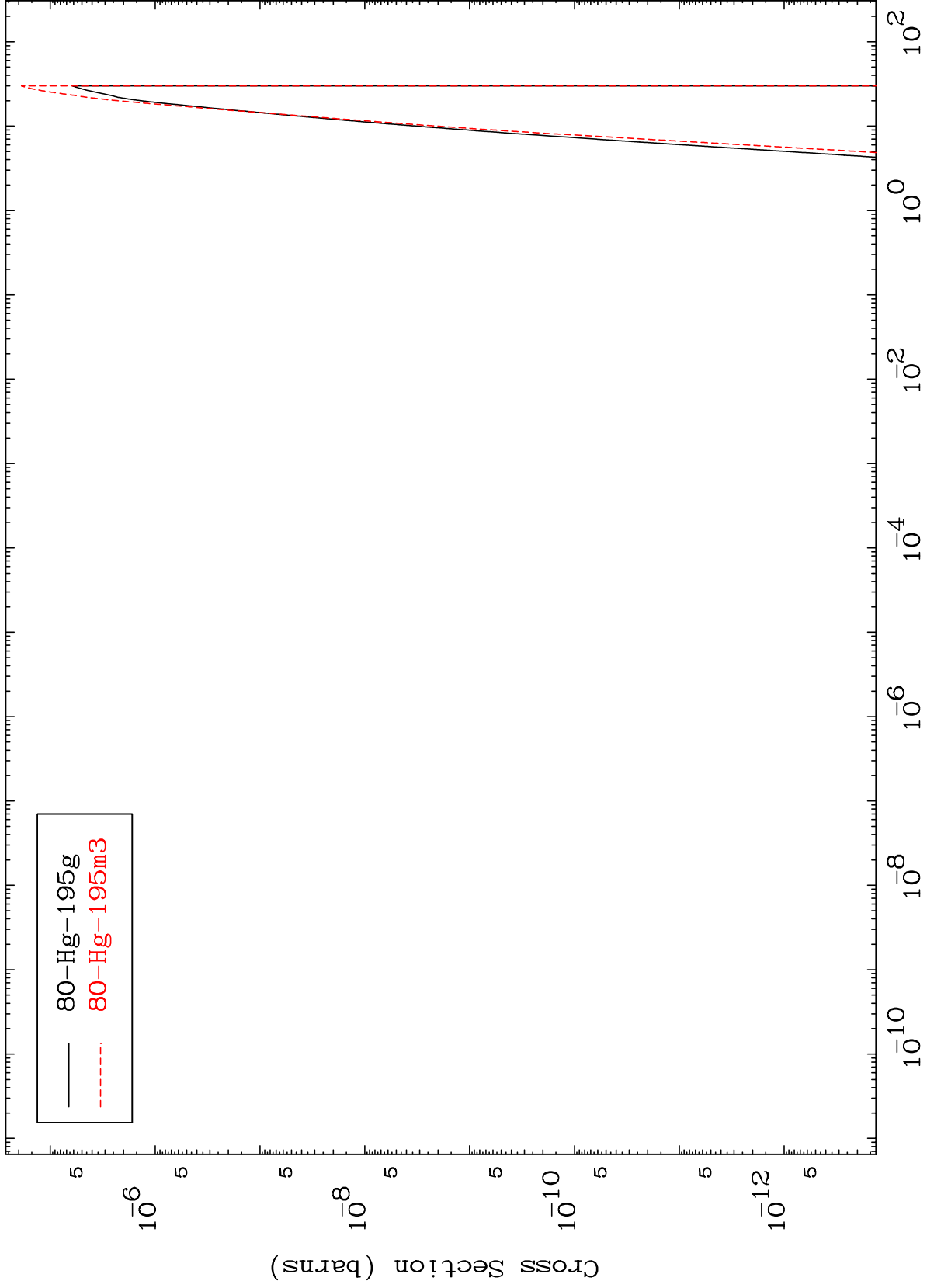


MAT 8296

(n,p) α

⁸³Bi-199m

Radionuclide Production Cross Section

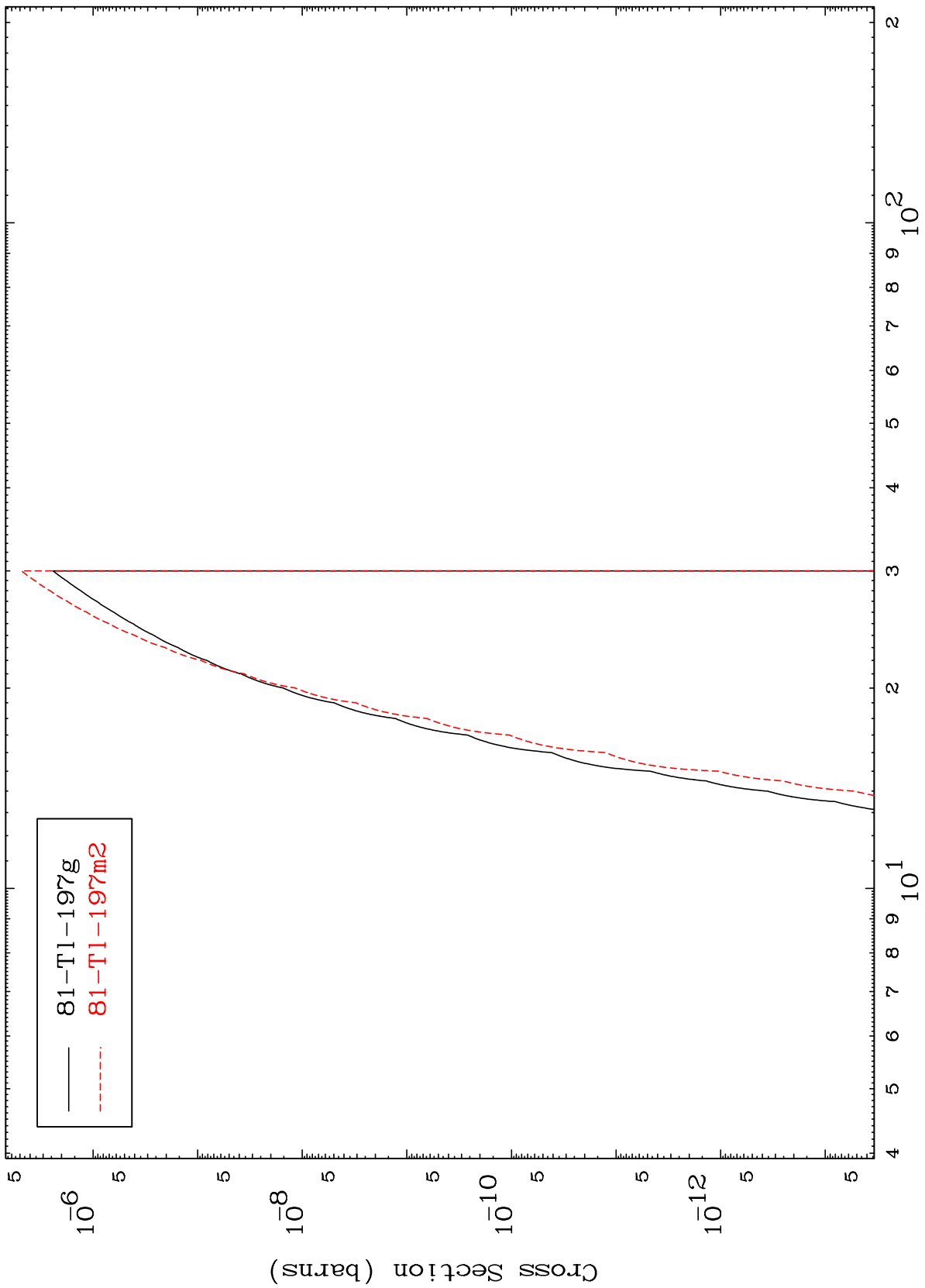


MAT 8296

(n,p) d

83-Bi-199m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

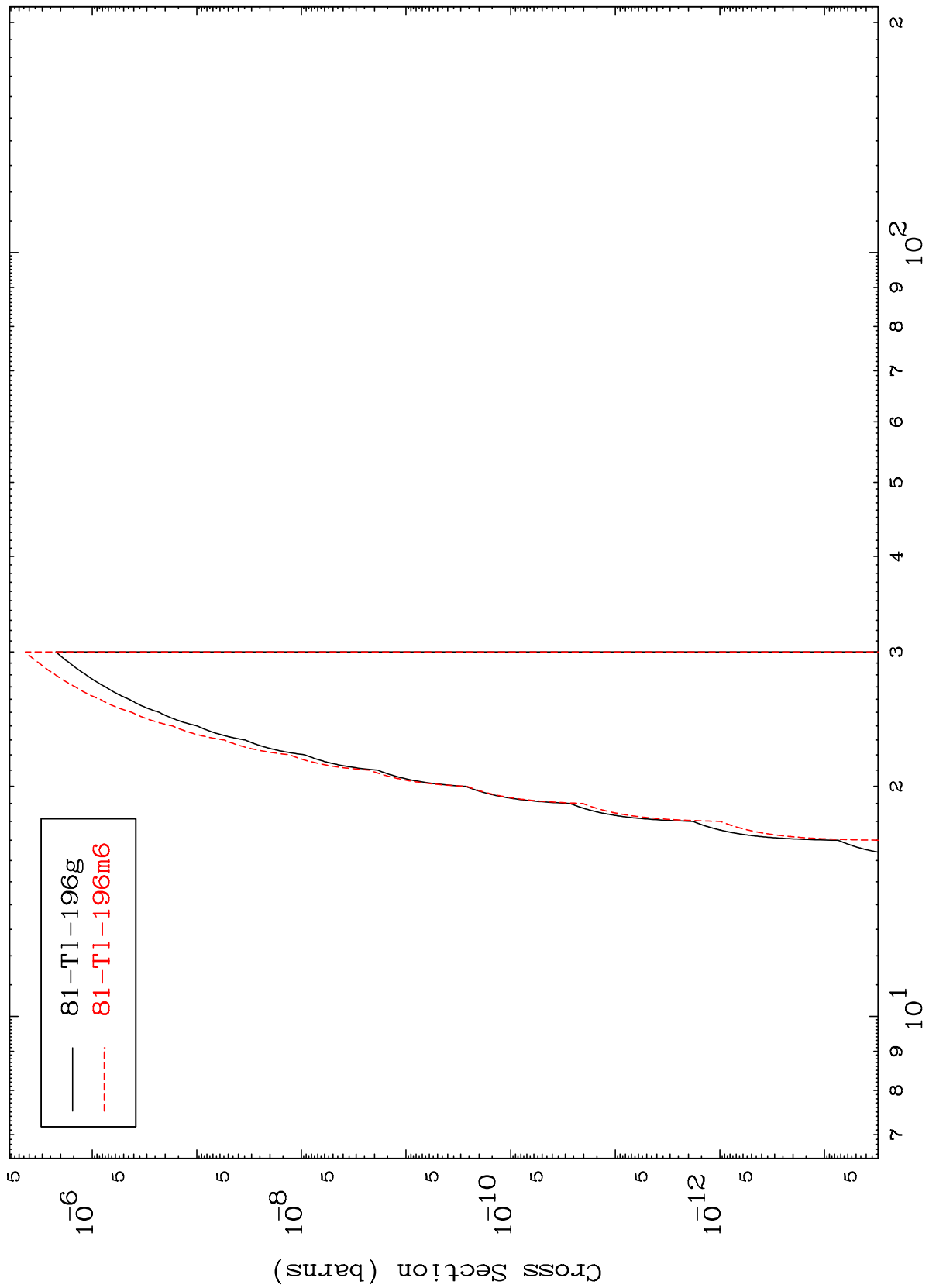
83-Bi-199m

MAT 8296

(n,p) t

83-Bi-199m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

83-Bi-199m