

Program EVALPLOT
(Version 2021-1)

by

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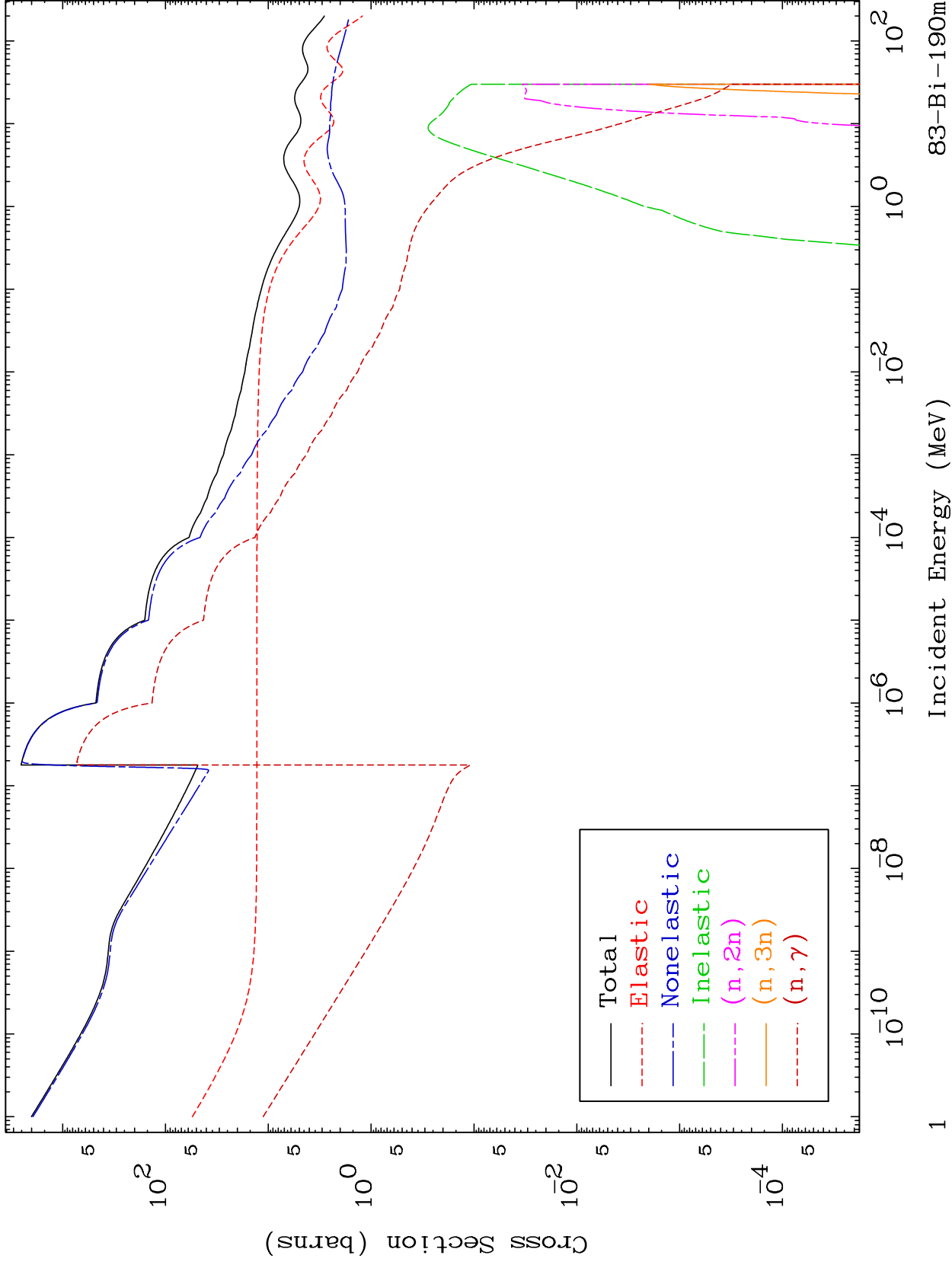
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Press Mouse Button to Start

MAT 8269

Neutron Major
293 Kelvin Cross Sections

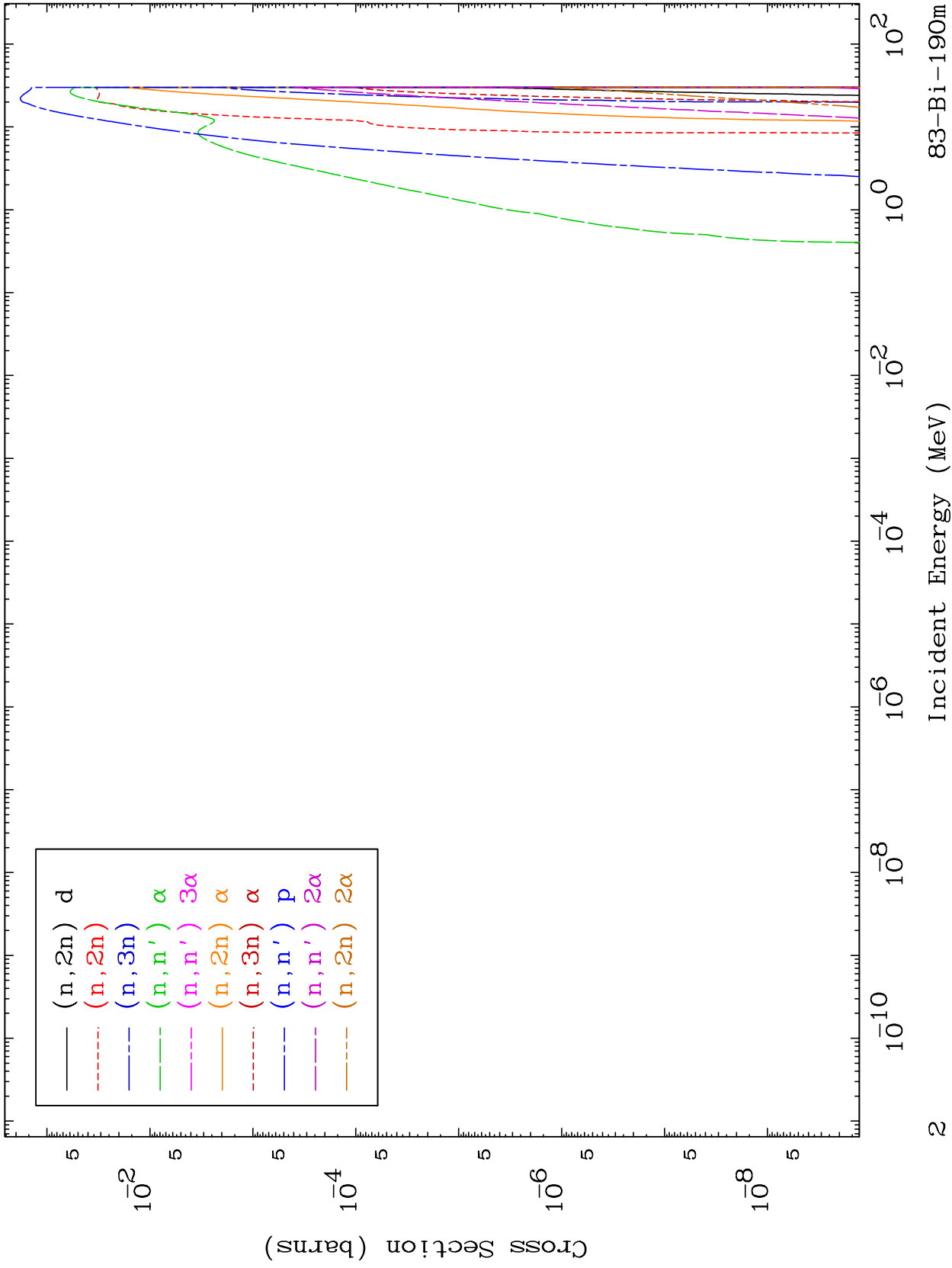
83-Bi-190m



MAT 8269

Neutron Absorption
293 Kelvin Cross Sections

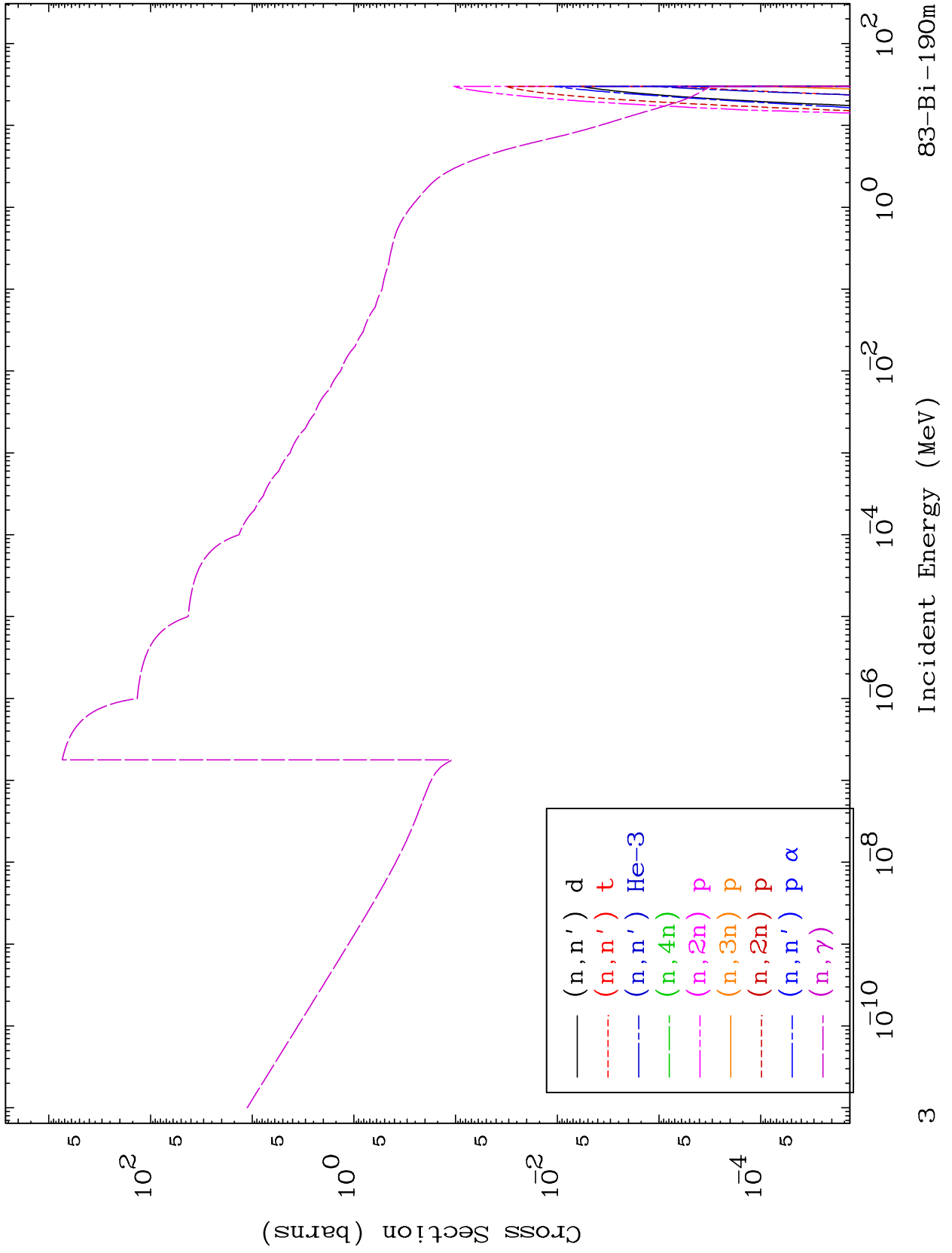
83-Bi-190m



MAT 8269

Neutron Absorption
293 Kelvin Cross Sections

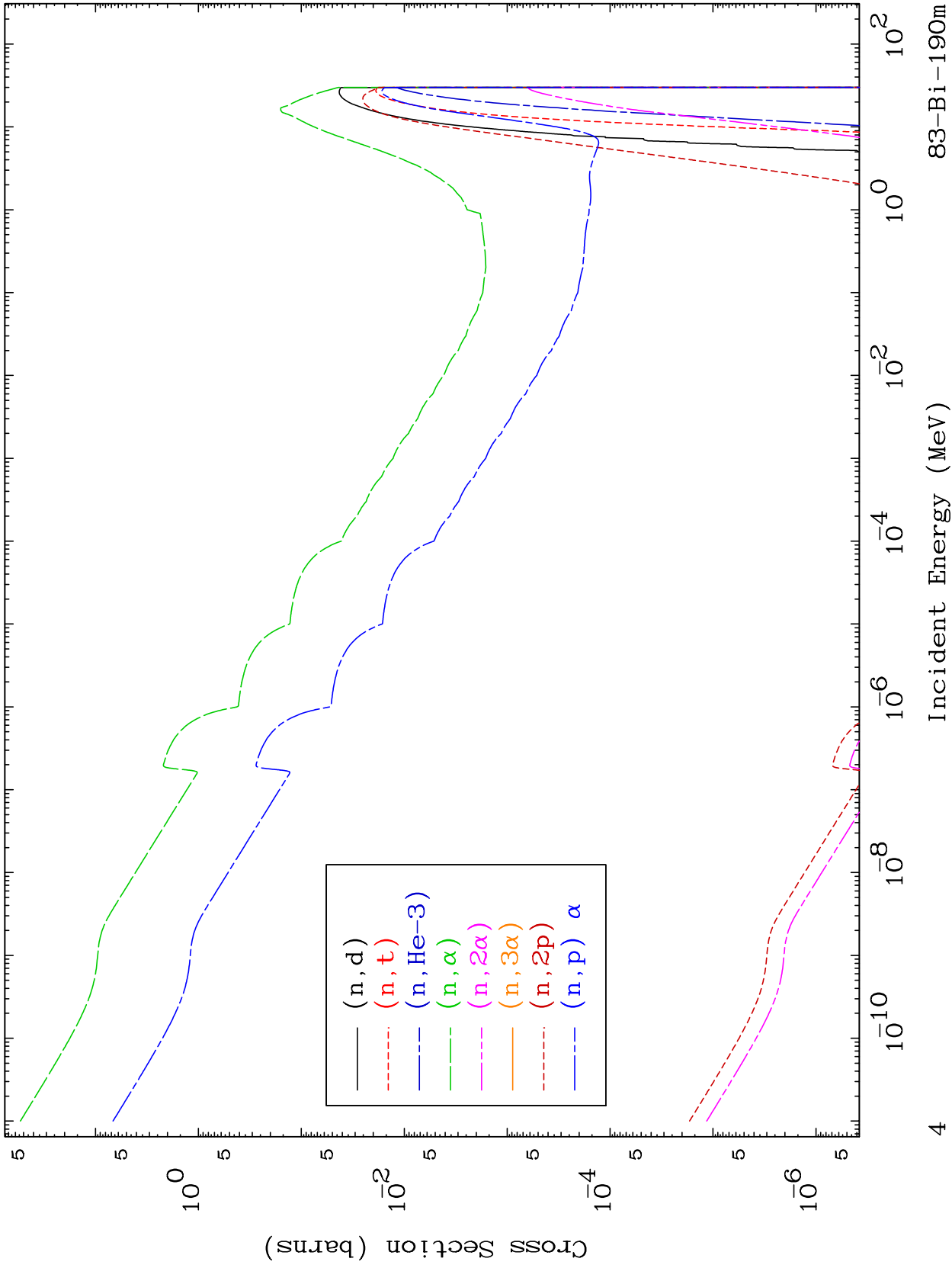
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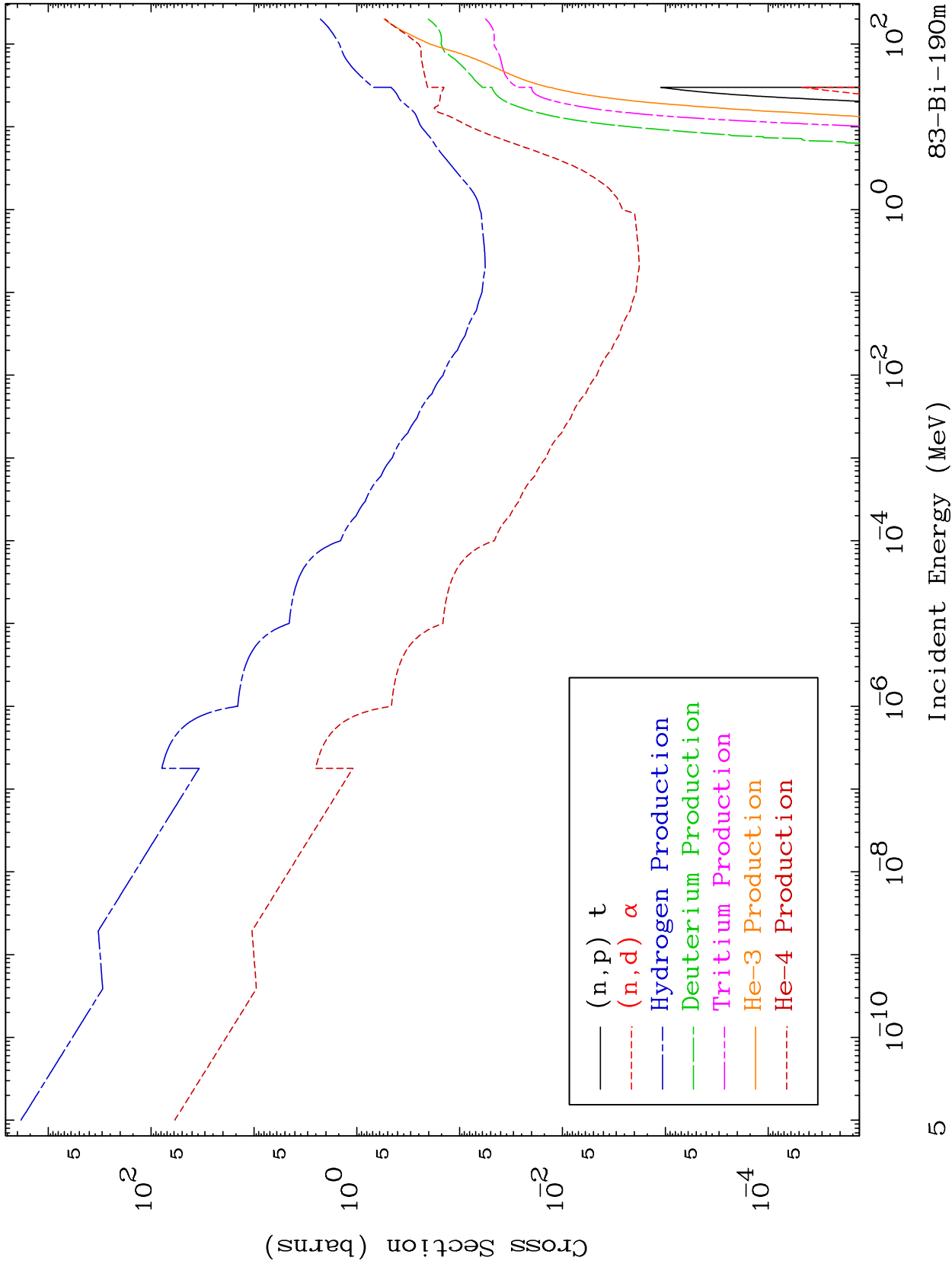


MAT 8269

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-190m

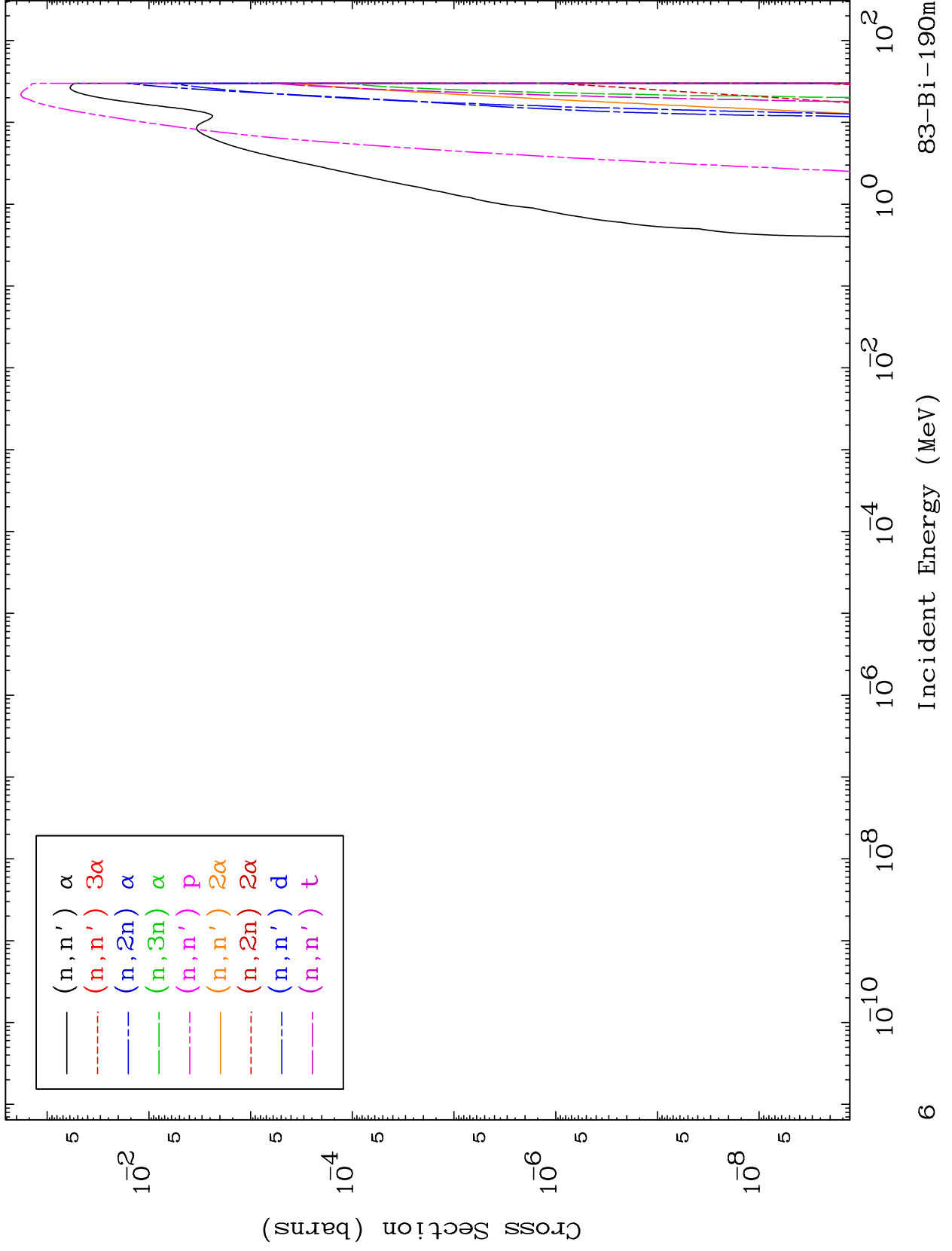




MAT 8269

Charged Particle
293 Kelvin Cross Sections

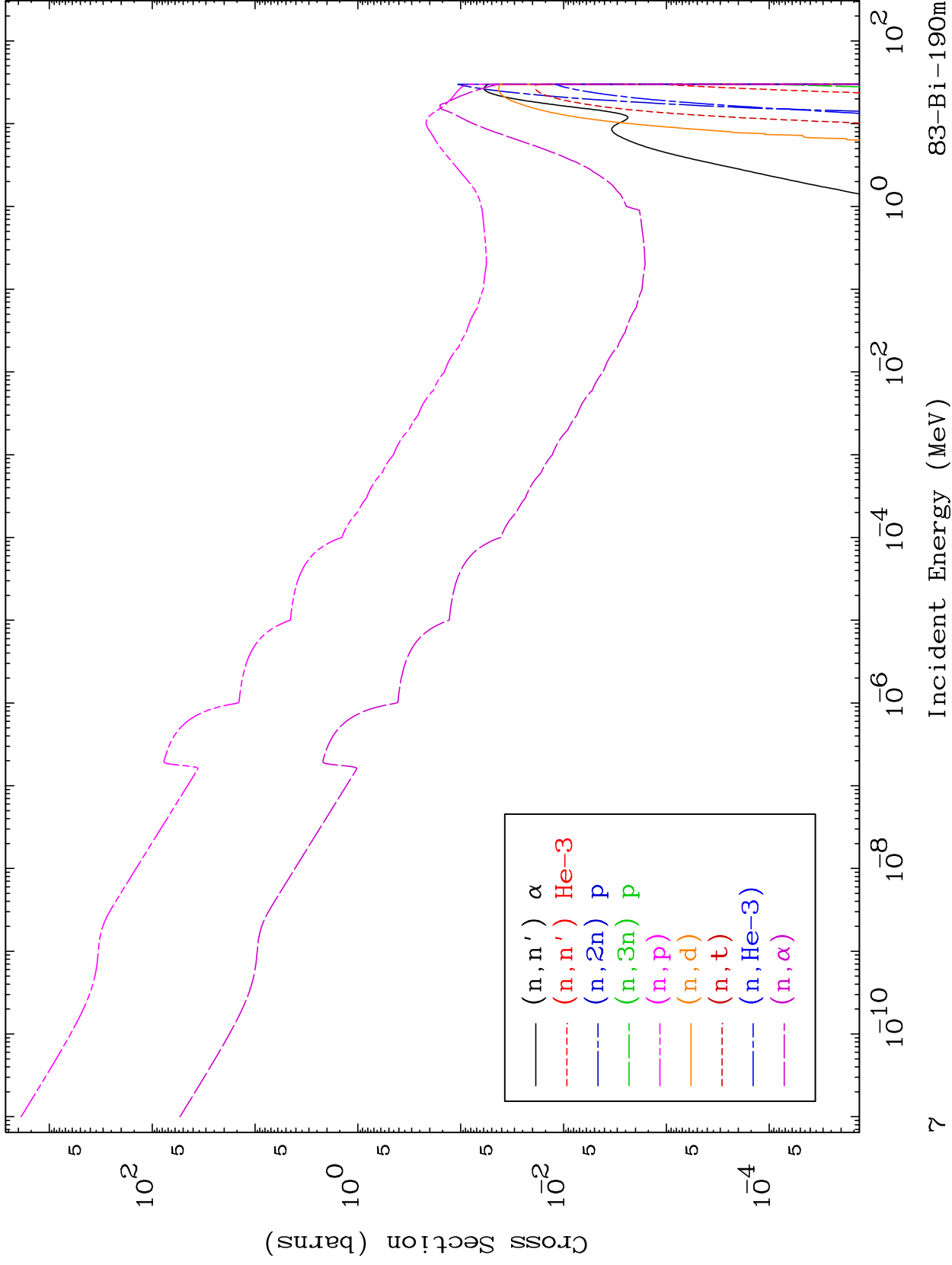
83-Bi-190m



MAT 8269

Charged Particle
293 Kelvin Cross Sections

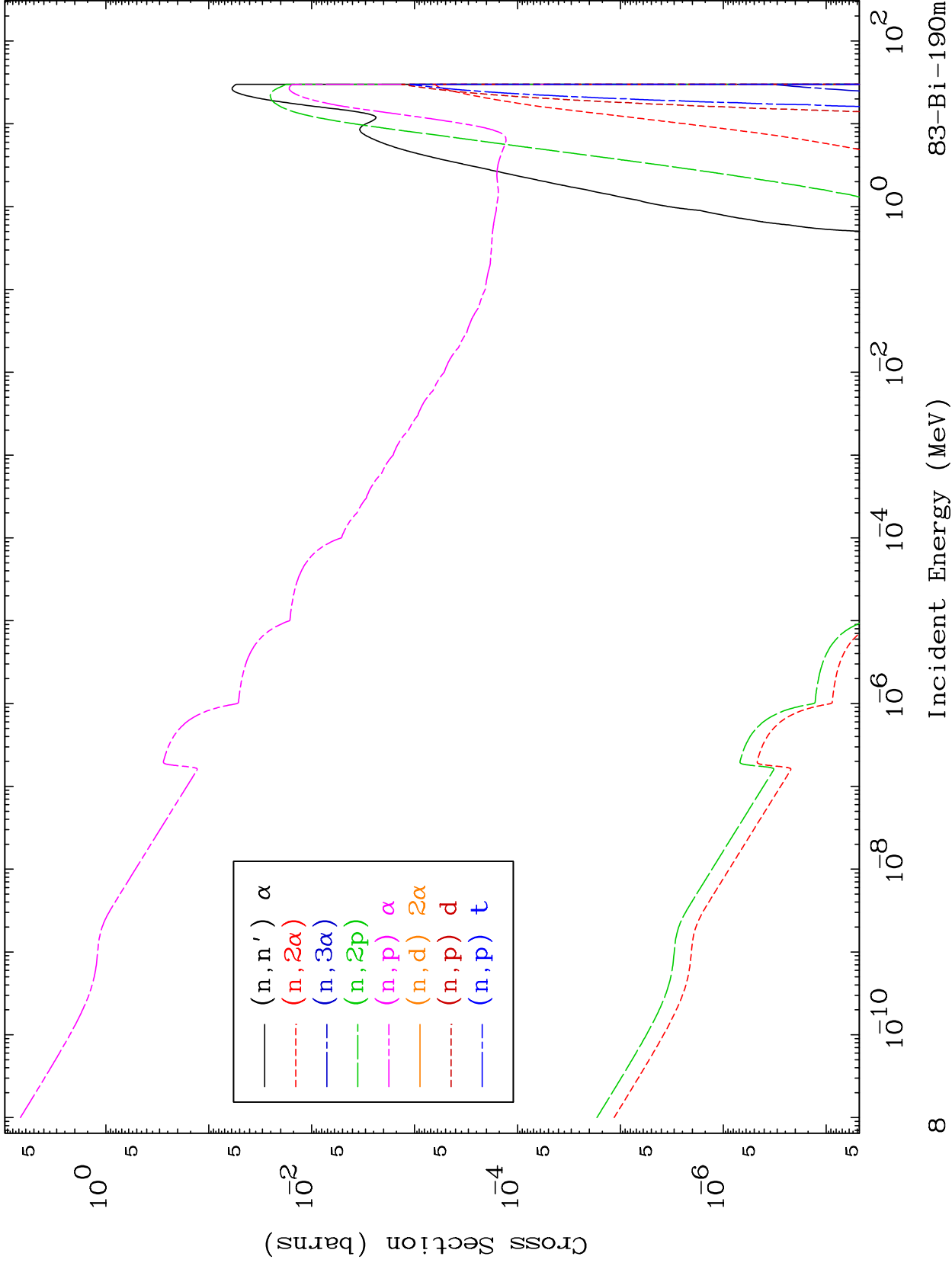
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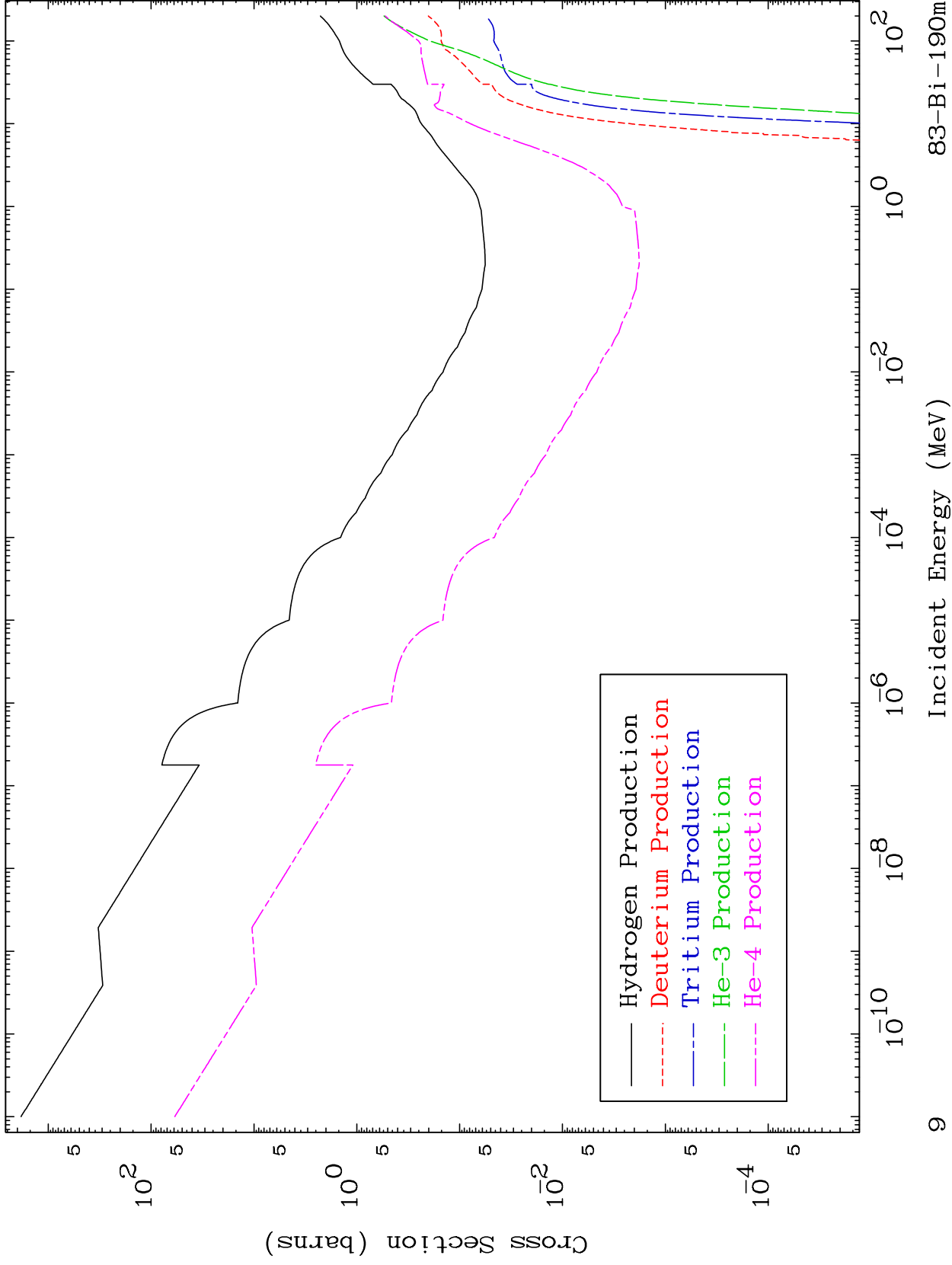


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Charged Particle
293 Kelvin Cross Sections

83-Bi-190m

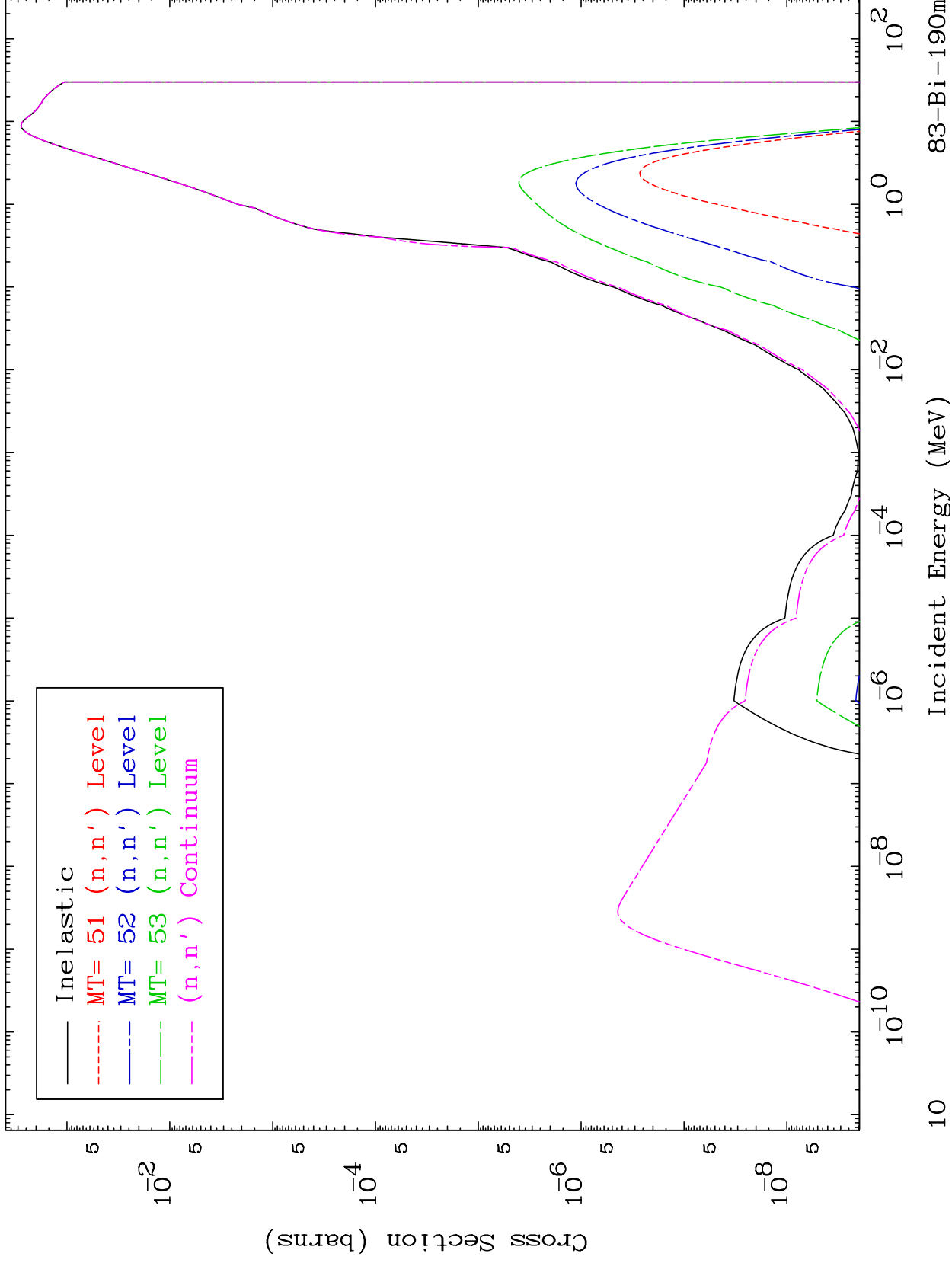




MAT 8269

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-190m



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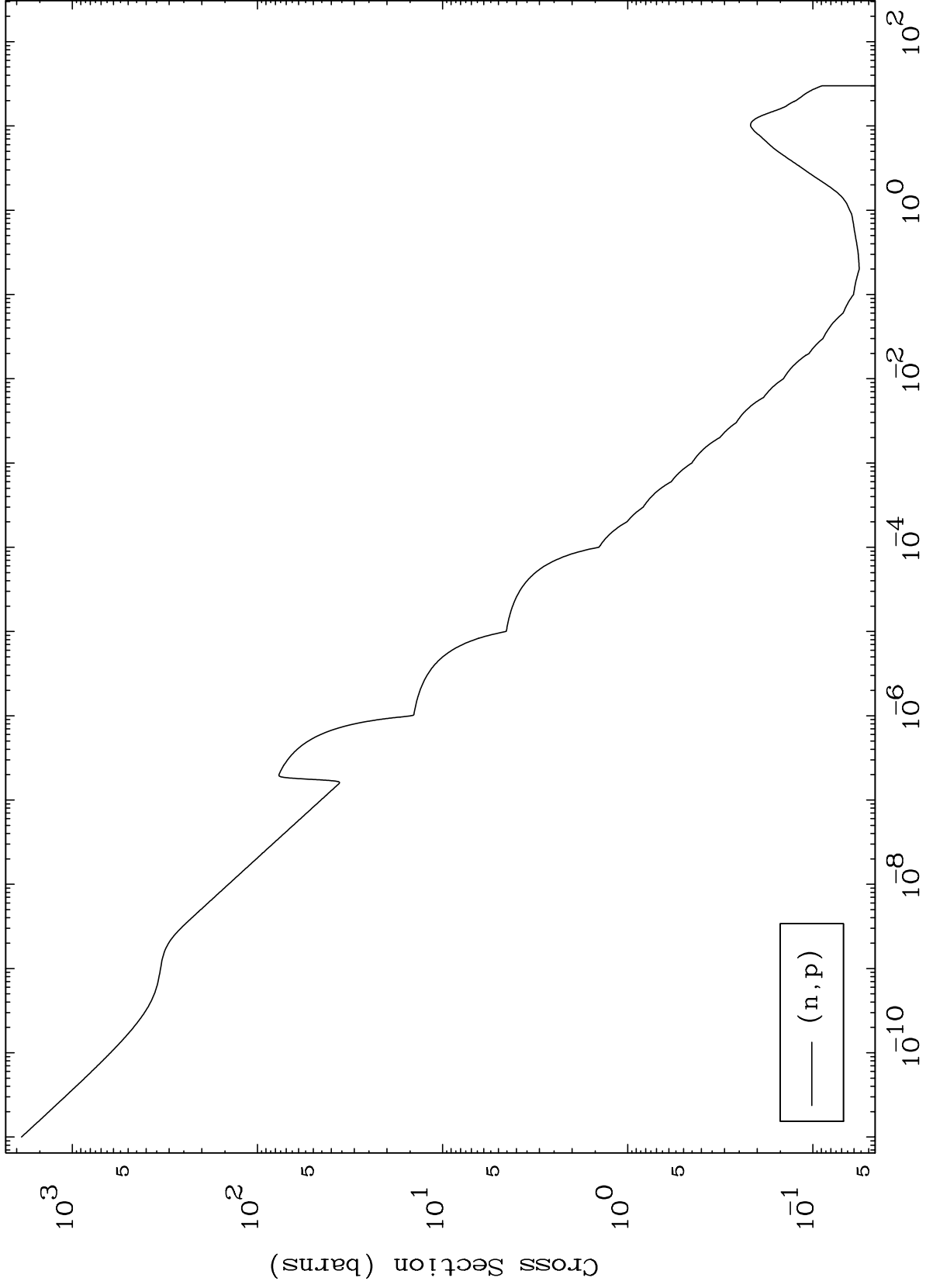
Incident Energy (MeV)

83-Bi-190m

MAT 8269

(n,p) Levels
293 Kelvin Cross Sections

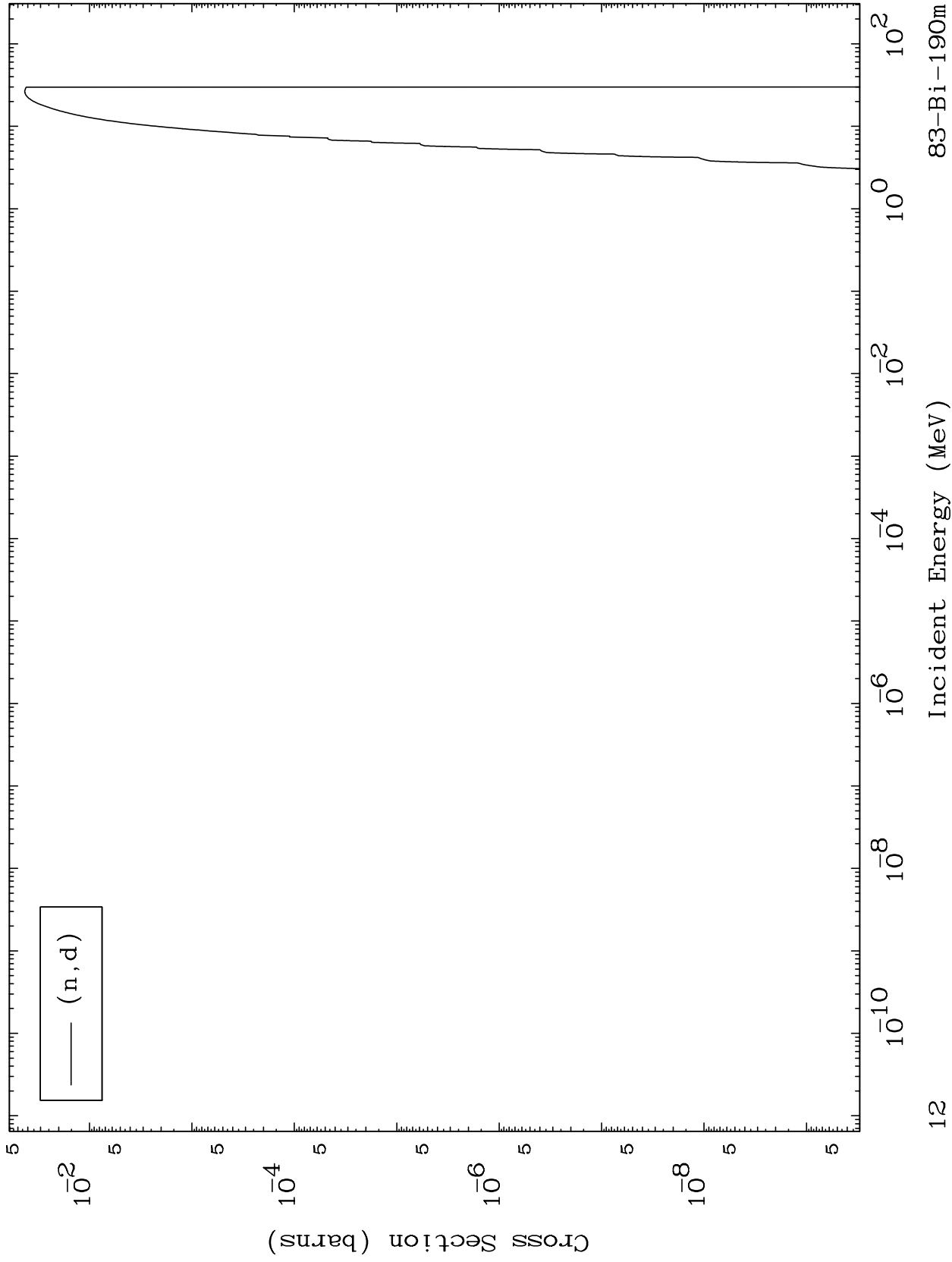
83-Bi-190m



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(n,d) Levels
293 Kelvin Cross Sections

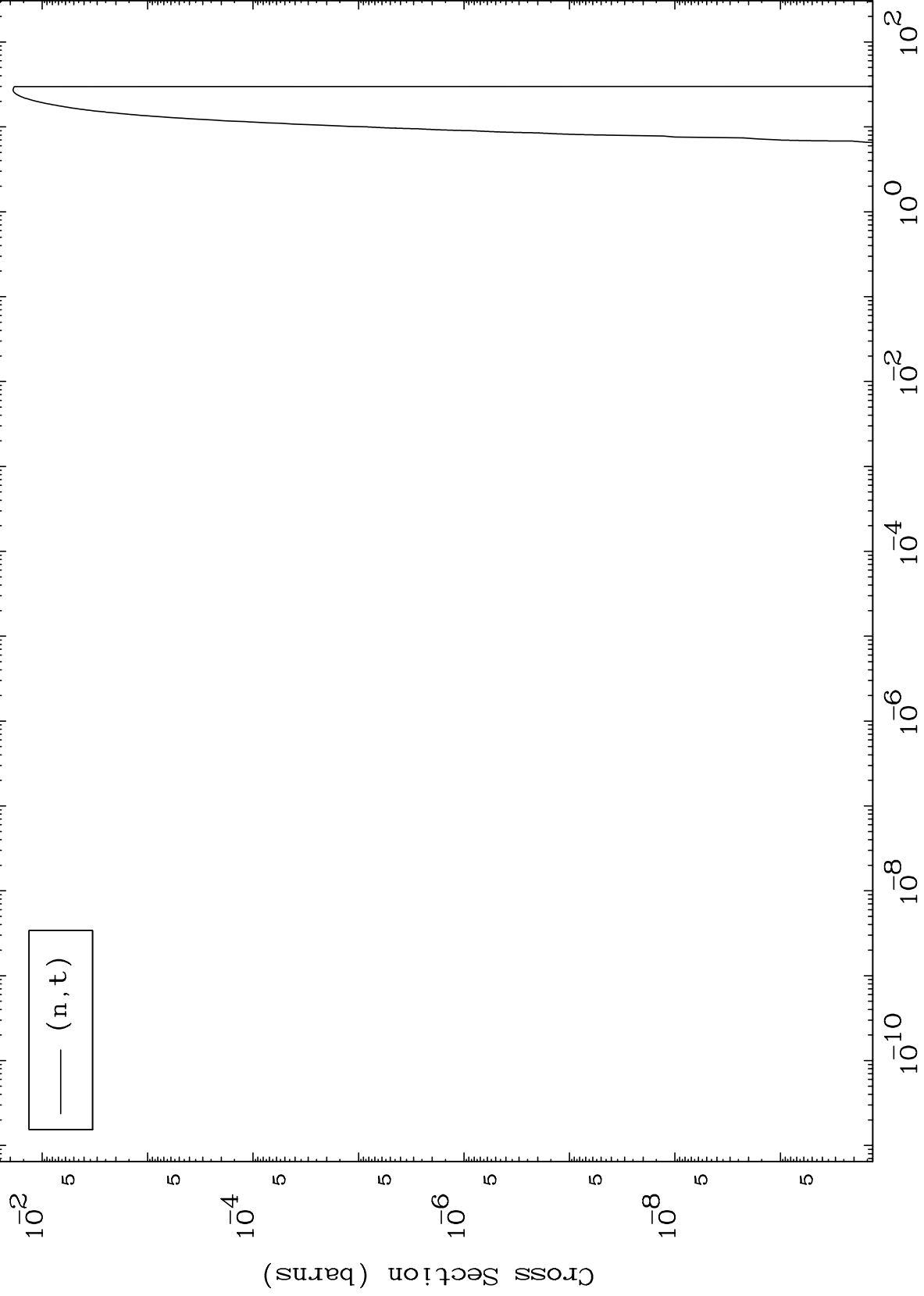
83-Bi-190m



MAT 8269

(n,t) Levels
293 Kelvin Cross Sections

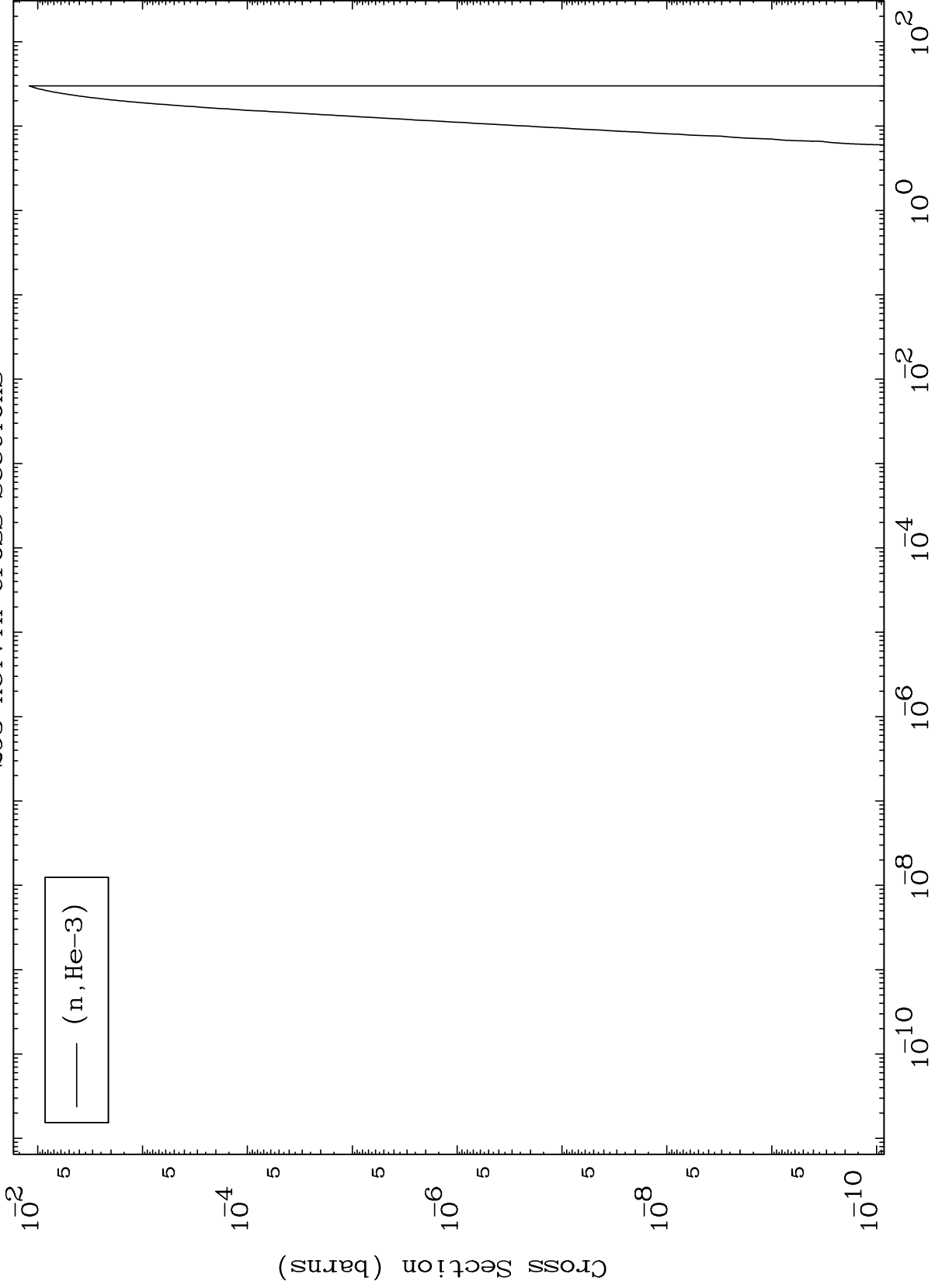
83-Bi-190m



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(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-190m



(n, He-3)

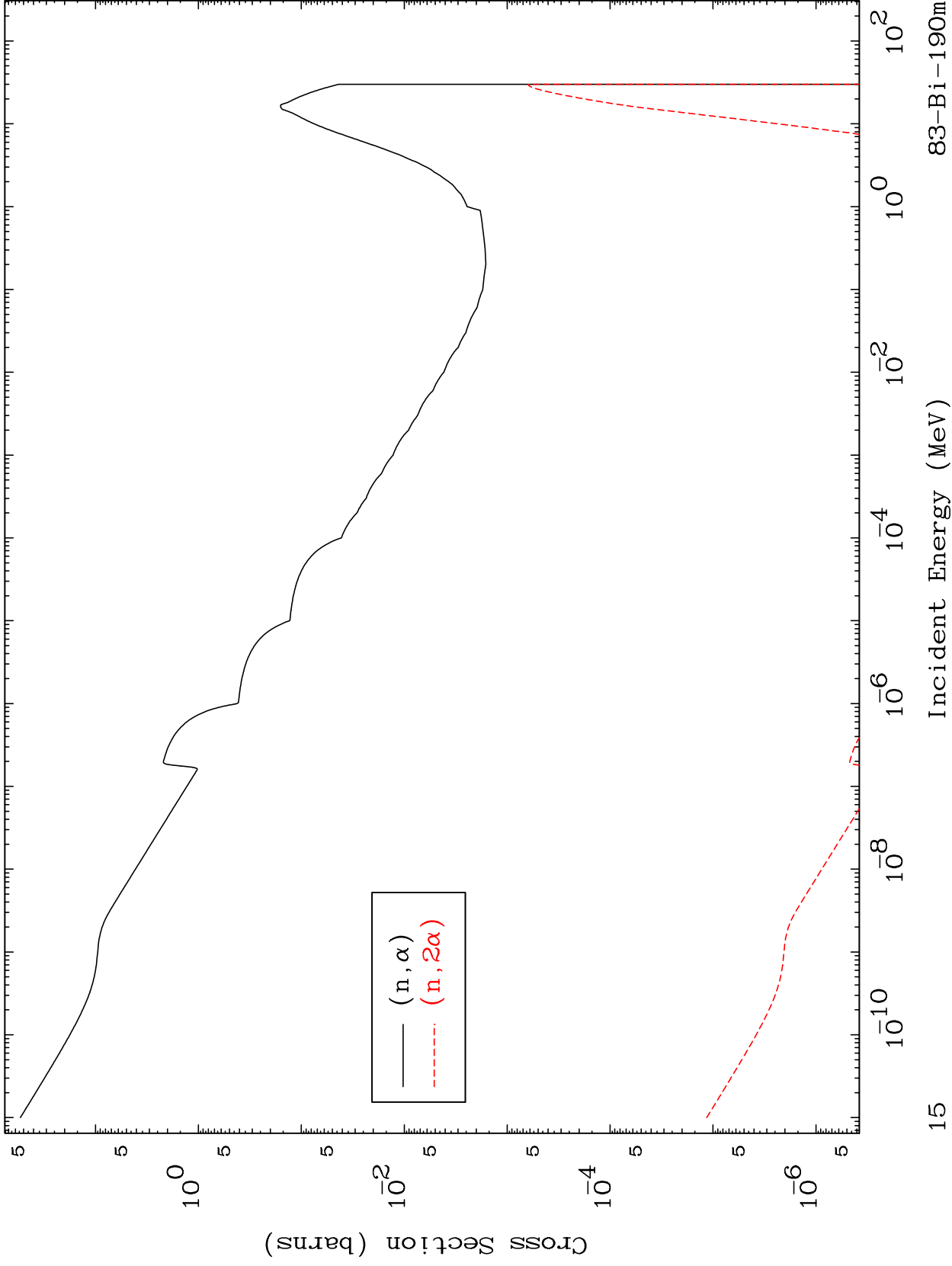
83-Bi-190m

Incident Energy (MeV)

MAT 8269

(n, α) Levels
293 Kelvin Cross Sections

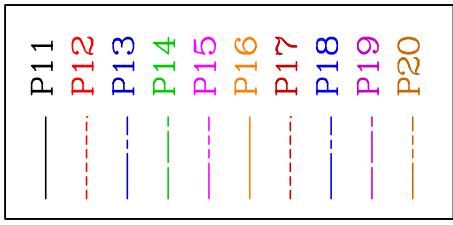
83-Bi-190m



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Elastic Legendre Coefficients

83-Bi-190m



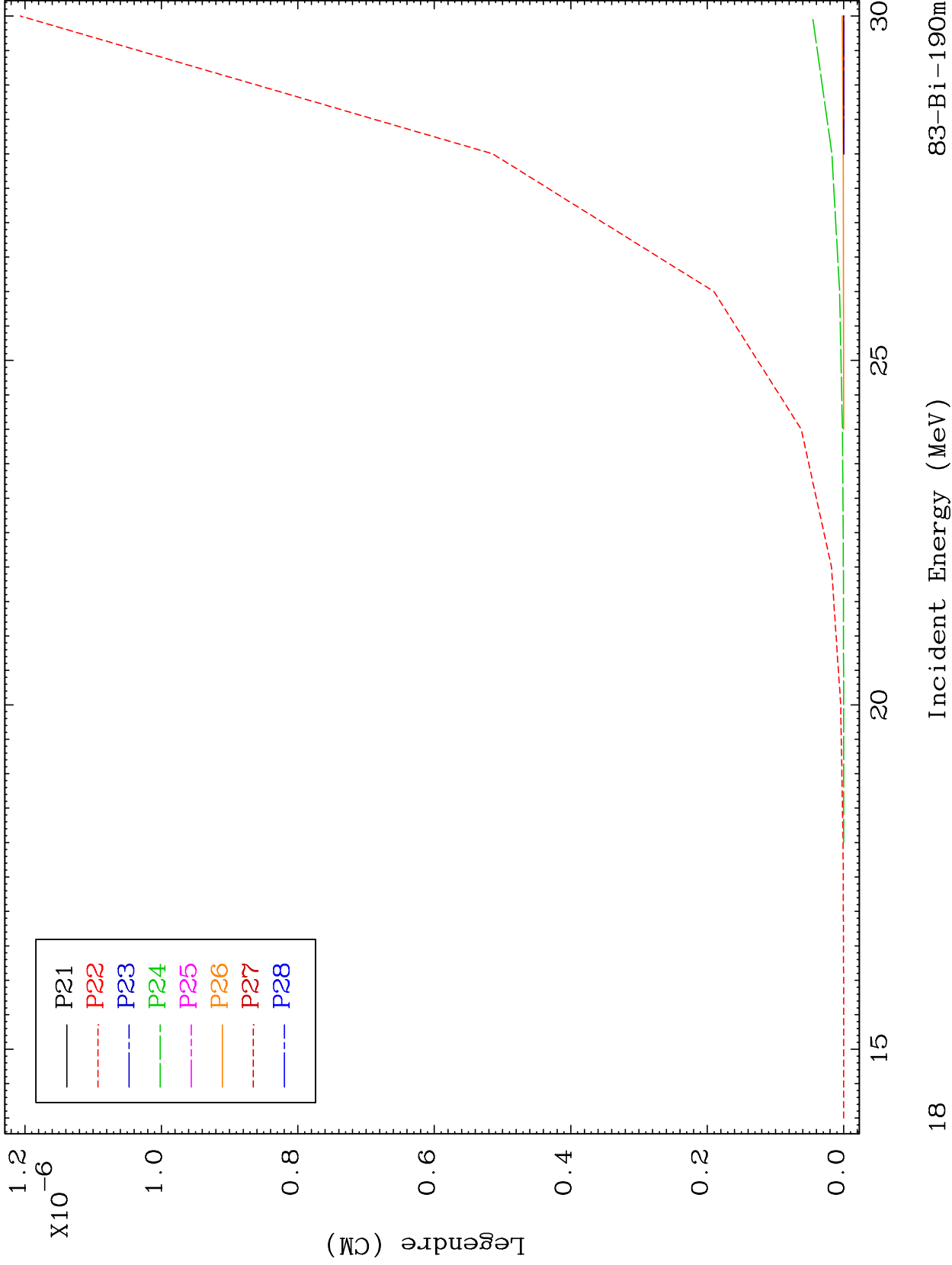
17

83-Bi-190m

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Elastic
Legendre Coefficients

83-Bi-190m



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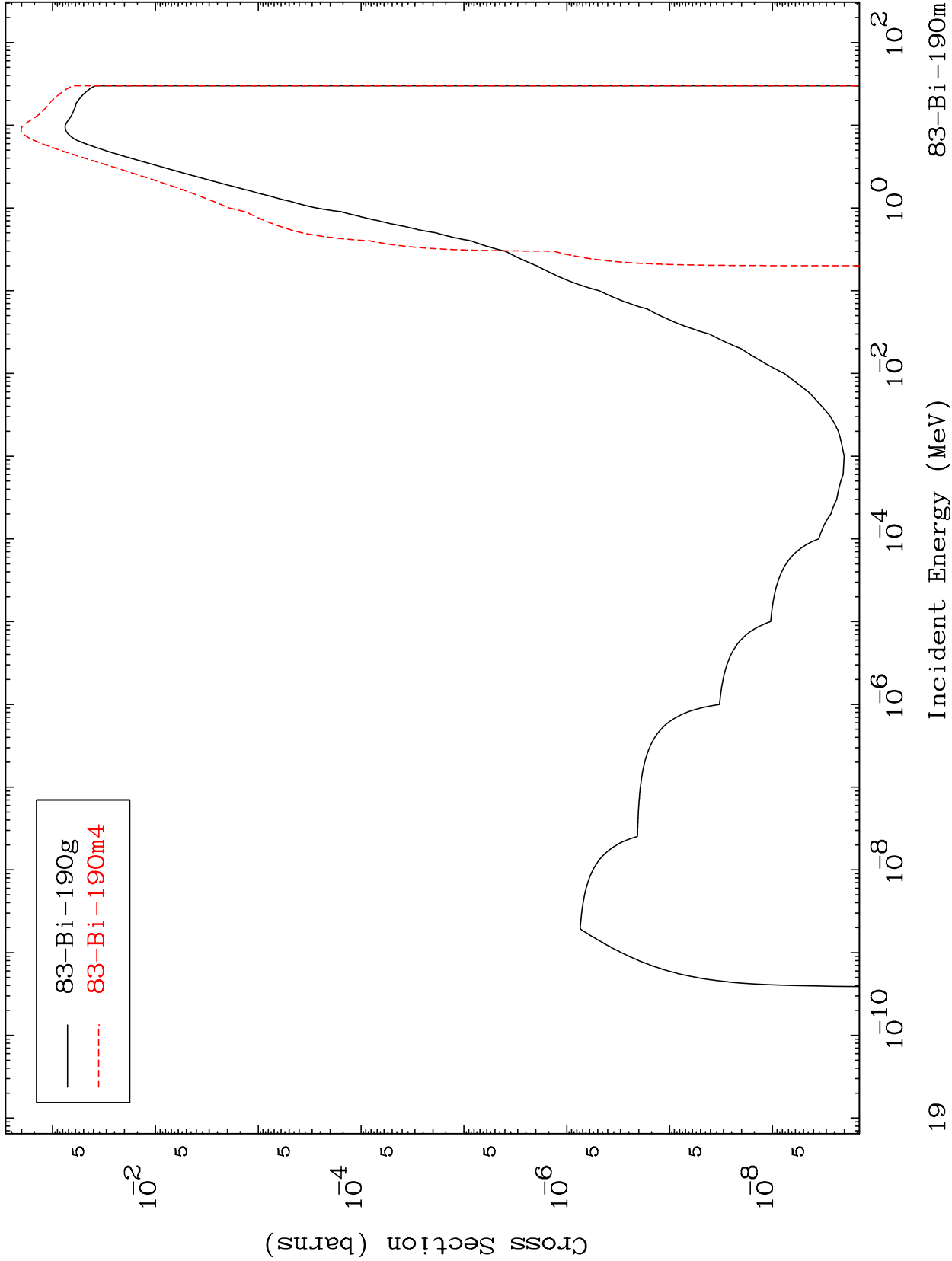
Incident Energy (MeV)

83-Bi-190m

MAT 8269

Inelastic
Radionuclide Production Cross Section

⁸³Bi-190m

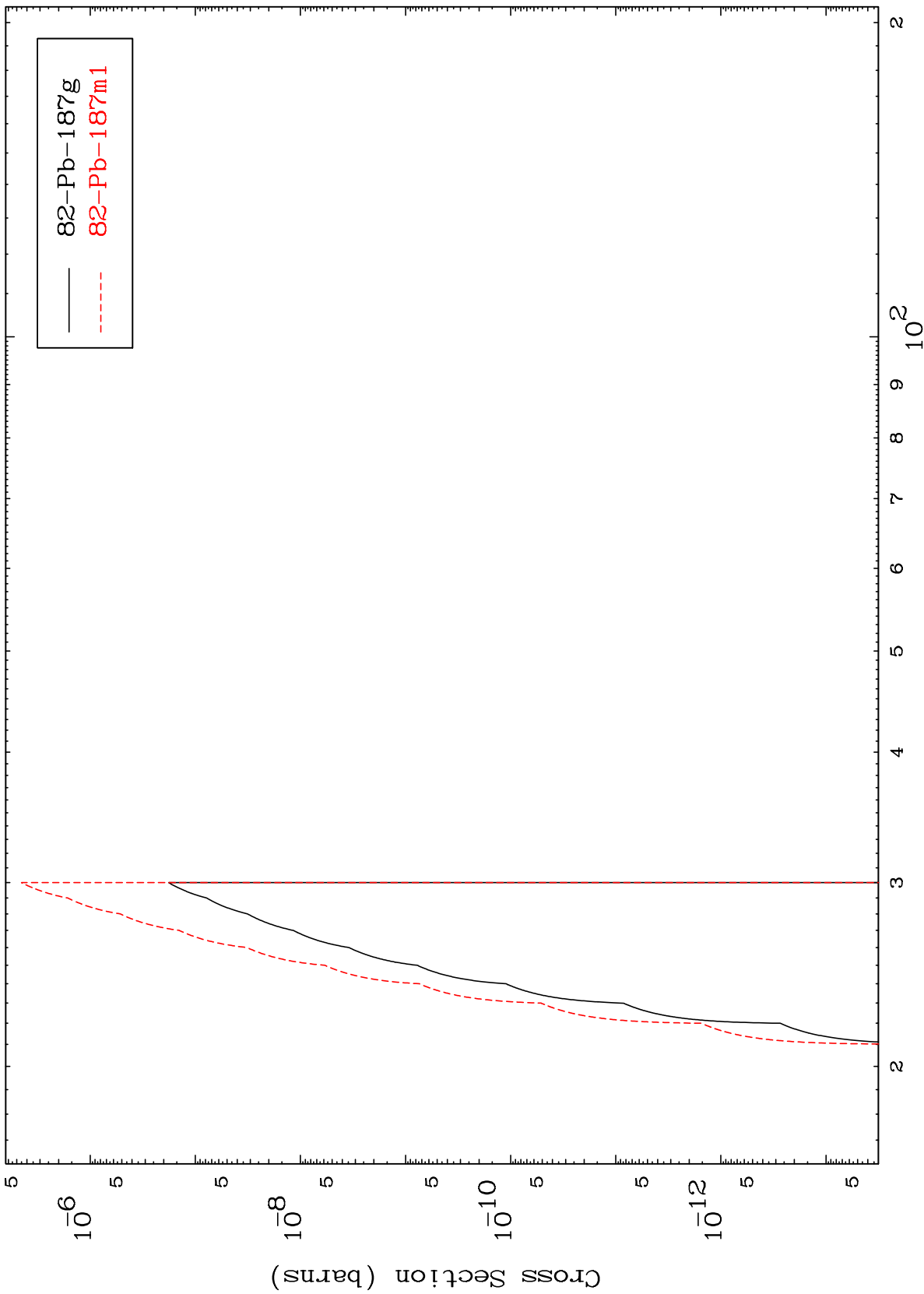


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(n,2n) d

83-Bi-190m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

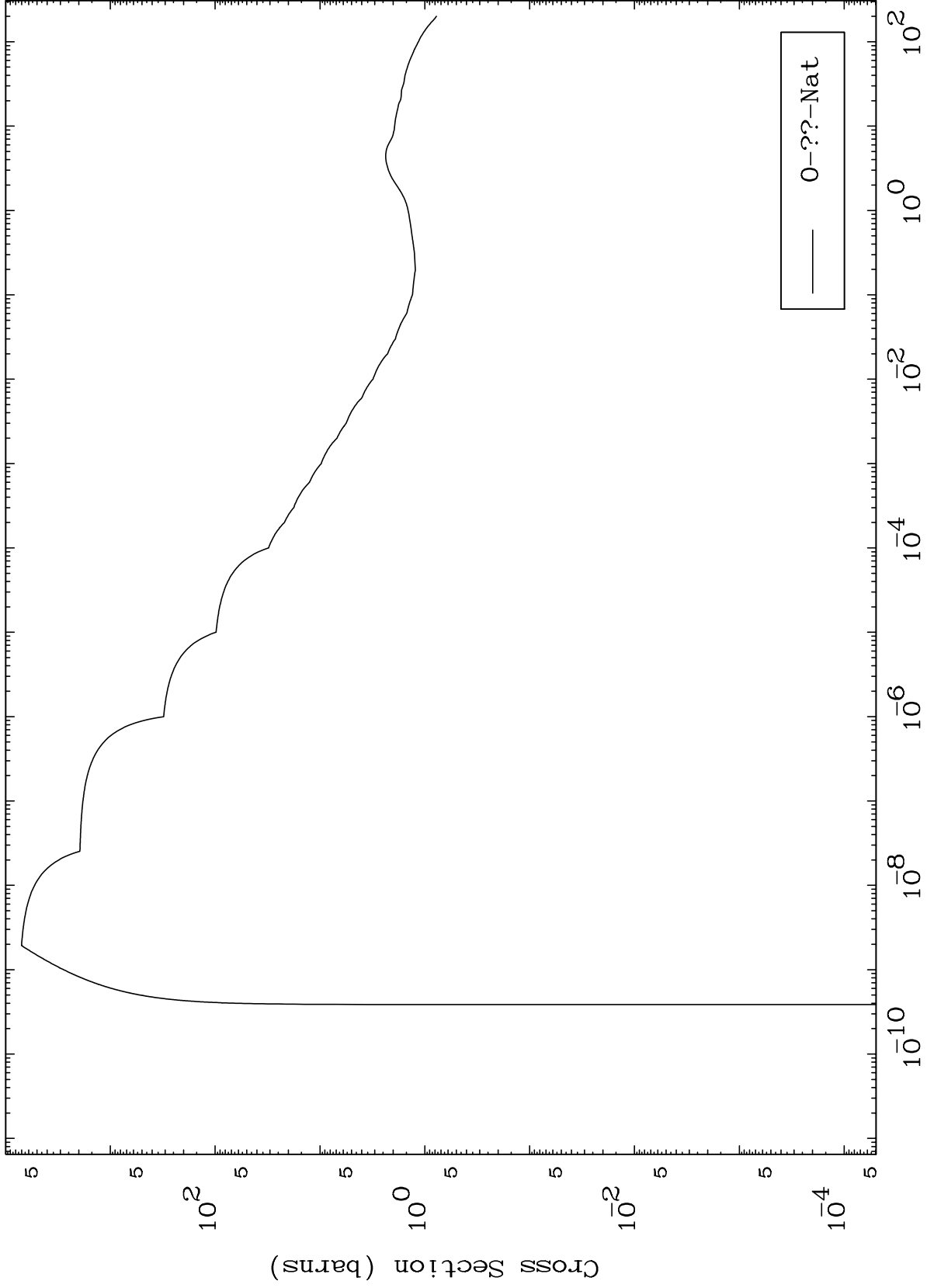
83-Bi-190m

MAT 8269

Fission

83-Bi-190m

Radionuclide Production Cross Section

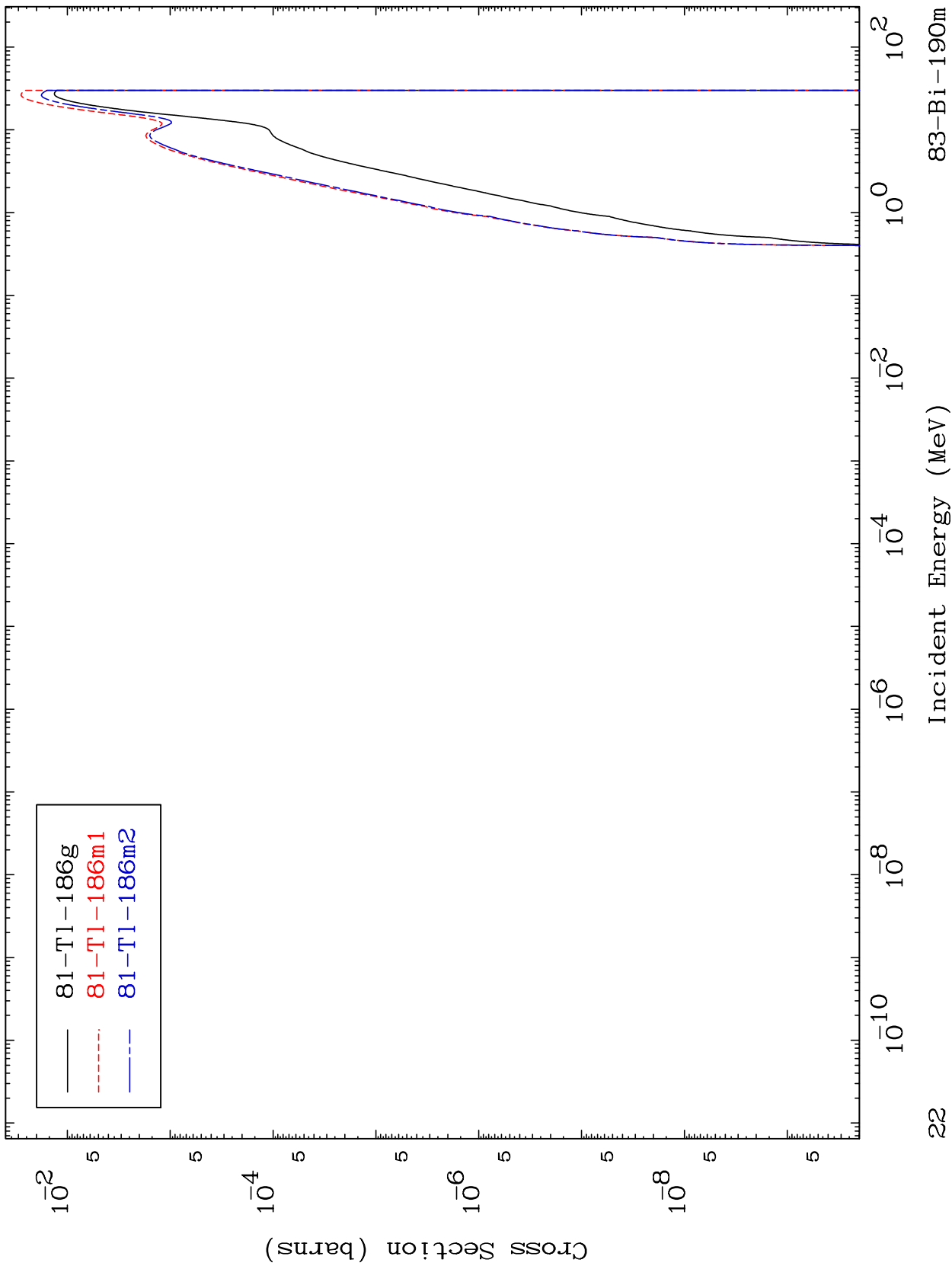


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$(n, n') \alpha$

$^{83}\text{Bi}-190\text{m}$

Radionuclide Production Cross Section

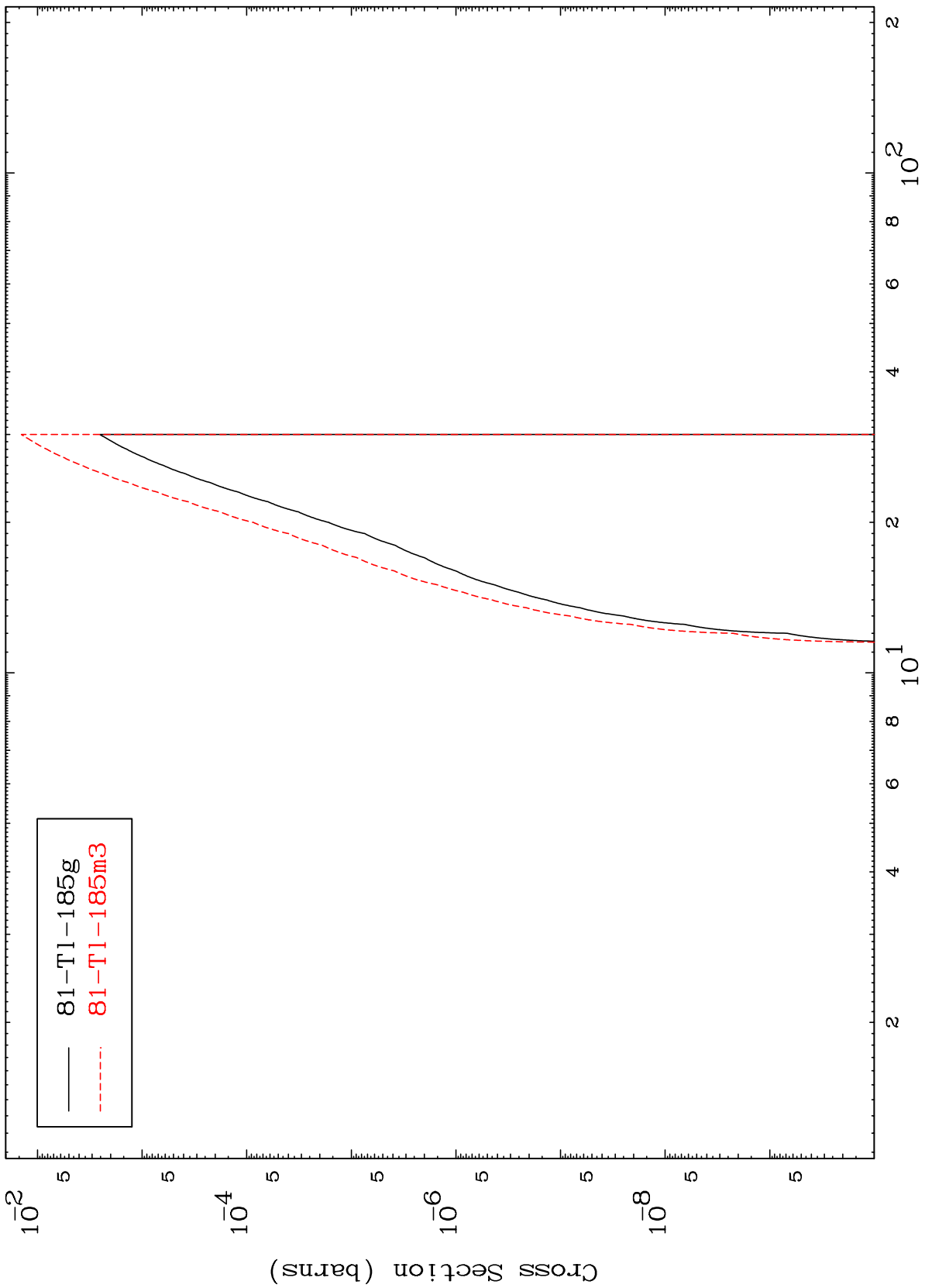


MAT 8269

$(n,2n) \alpha$

$^{83}\text{Bi}-190\text{m}$

Radionuclide Production Cross Section

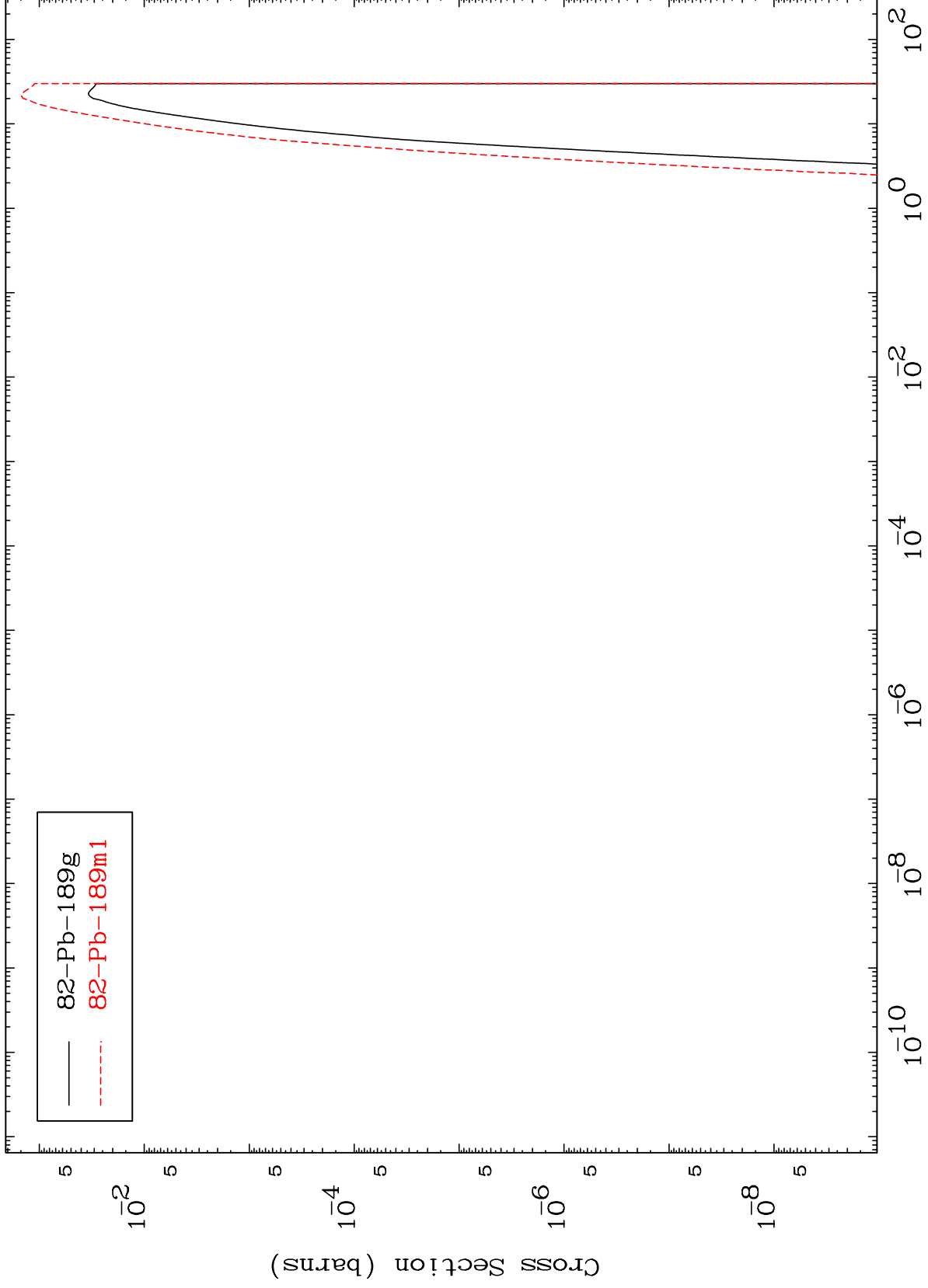


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(n,n') p

83-Bi-190m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

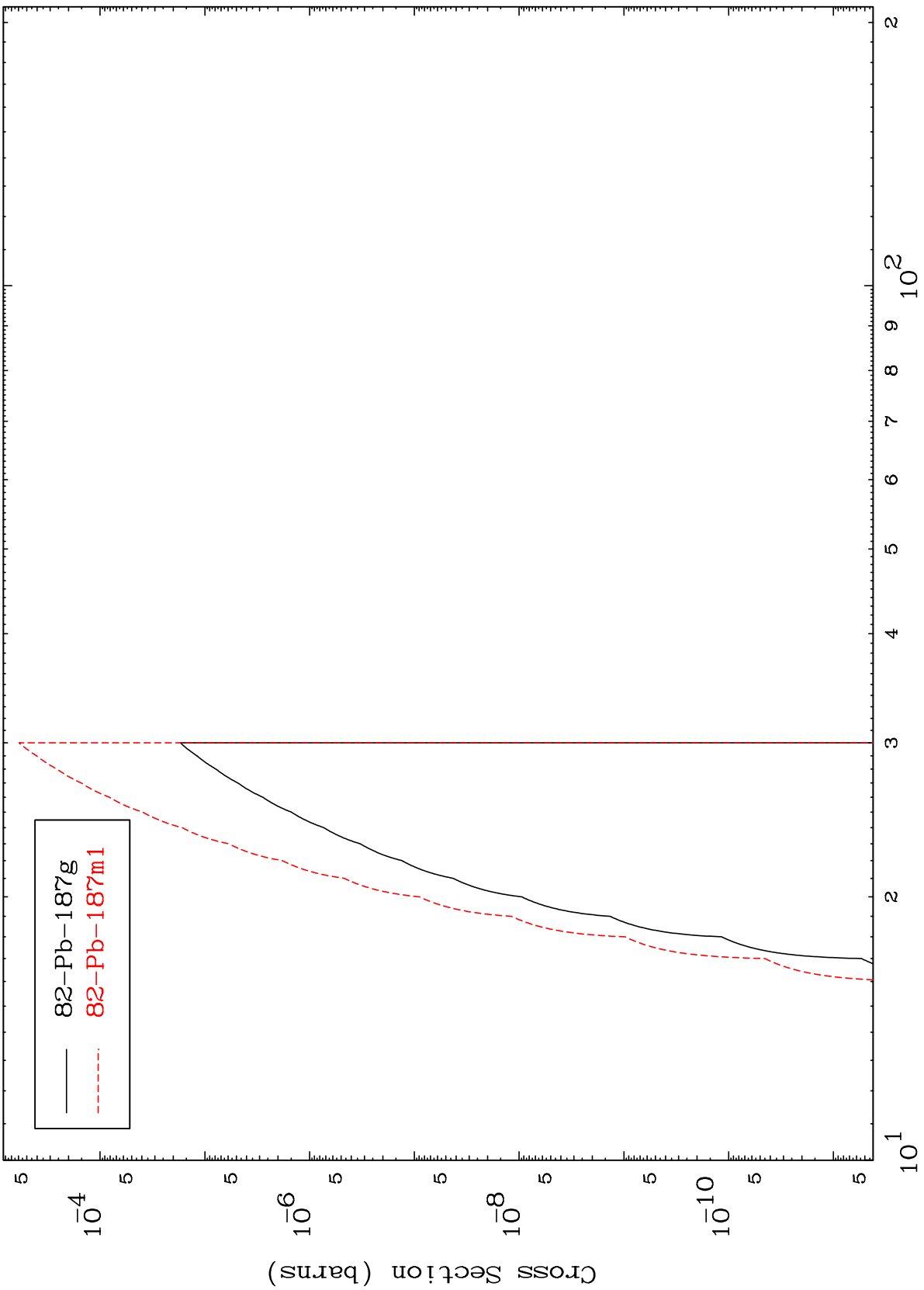
83-Bi-190m

MAT 8269

(n,n') t

83-Bi-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190m

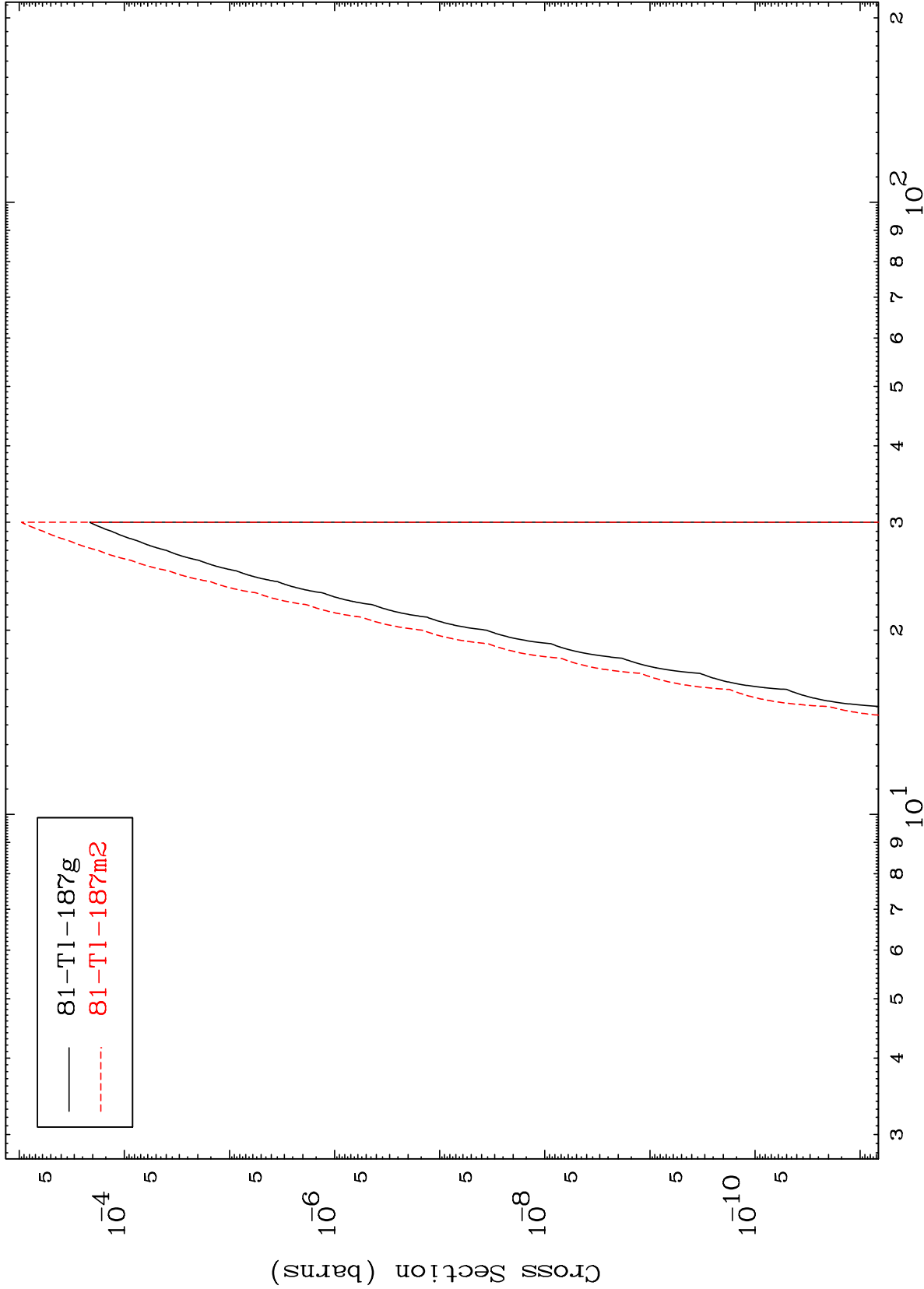
25

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(n,n') He-3

83-Bi-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190m

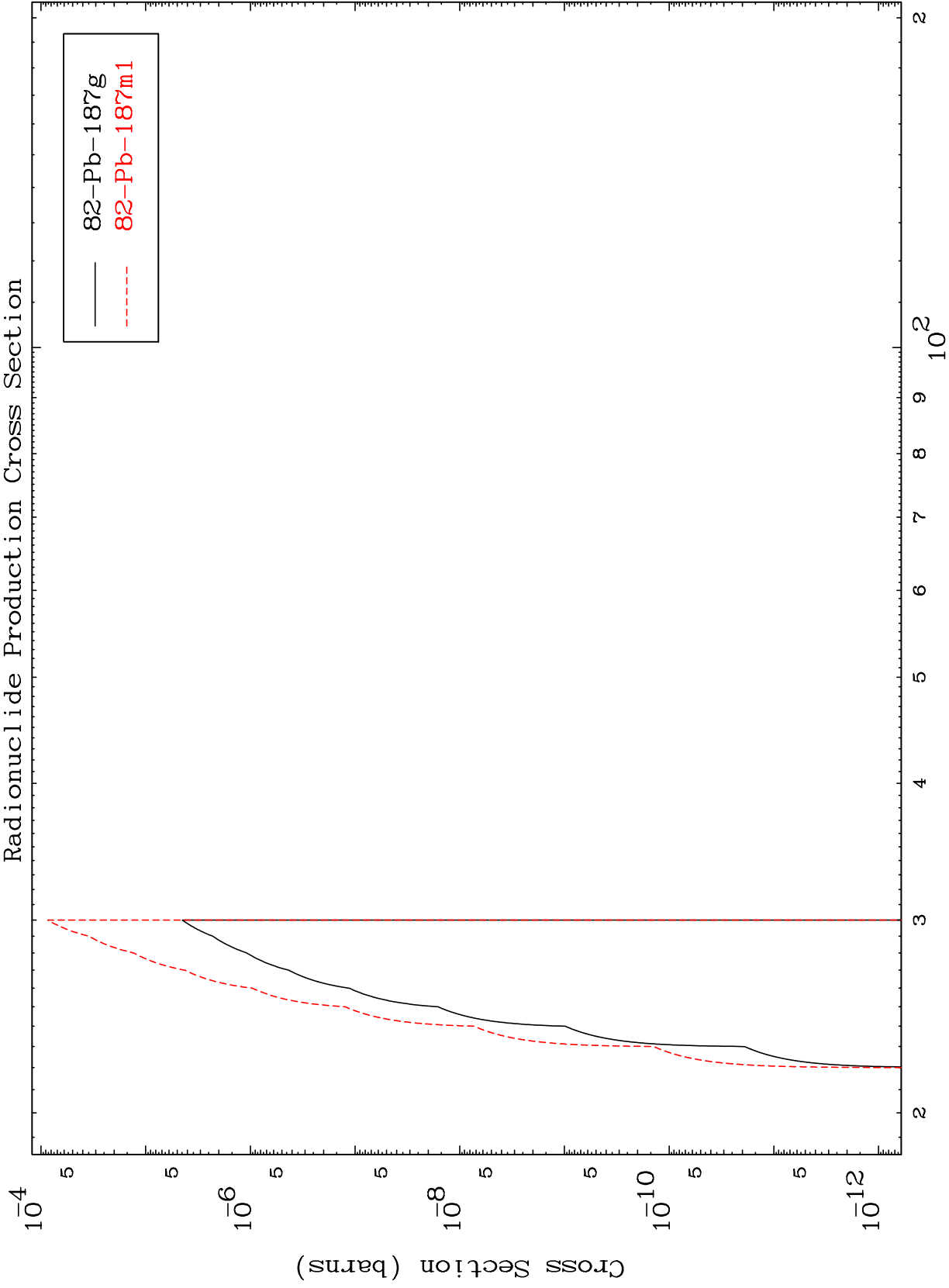
26

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(n,3n) p

83-Bi-190m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

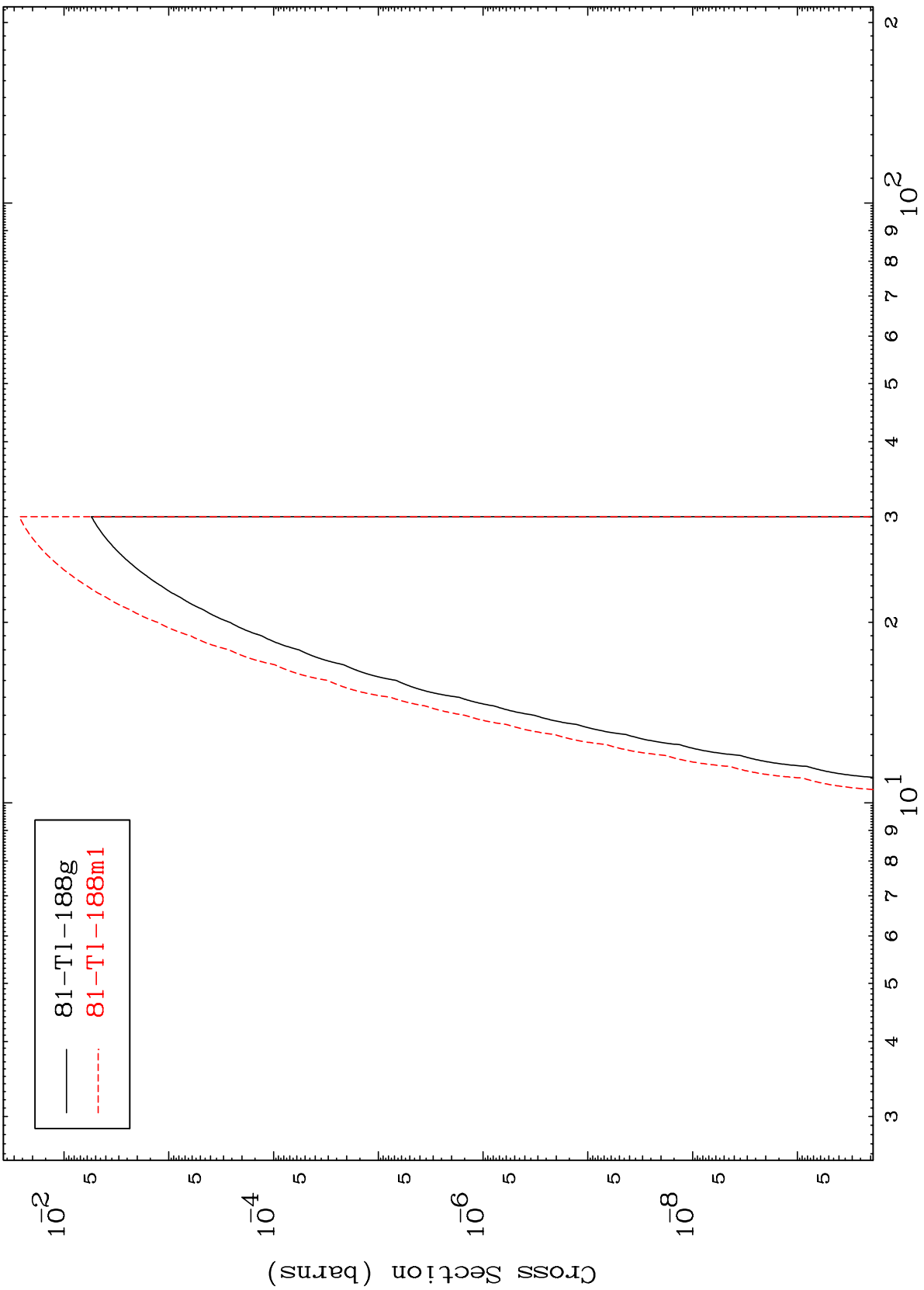
83-Bi-190m

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(n,2n) p

83-Bi-190m

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

Incident Energy (MeV)

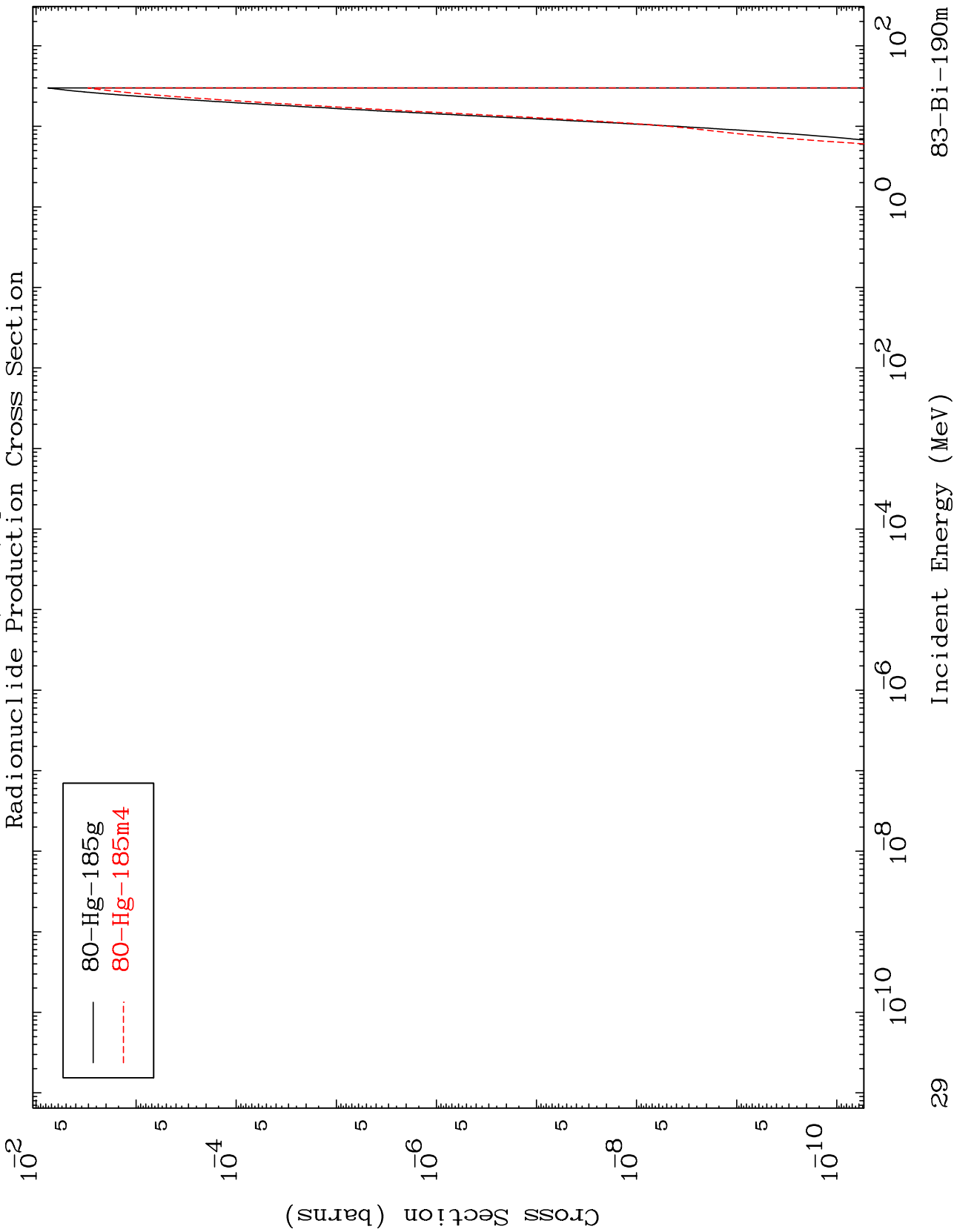
83-Bi-190m

28

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(n,n') p α

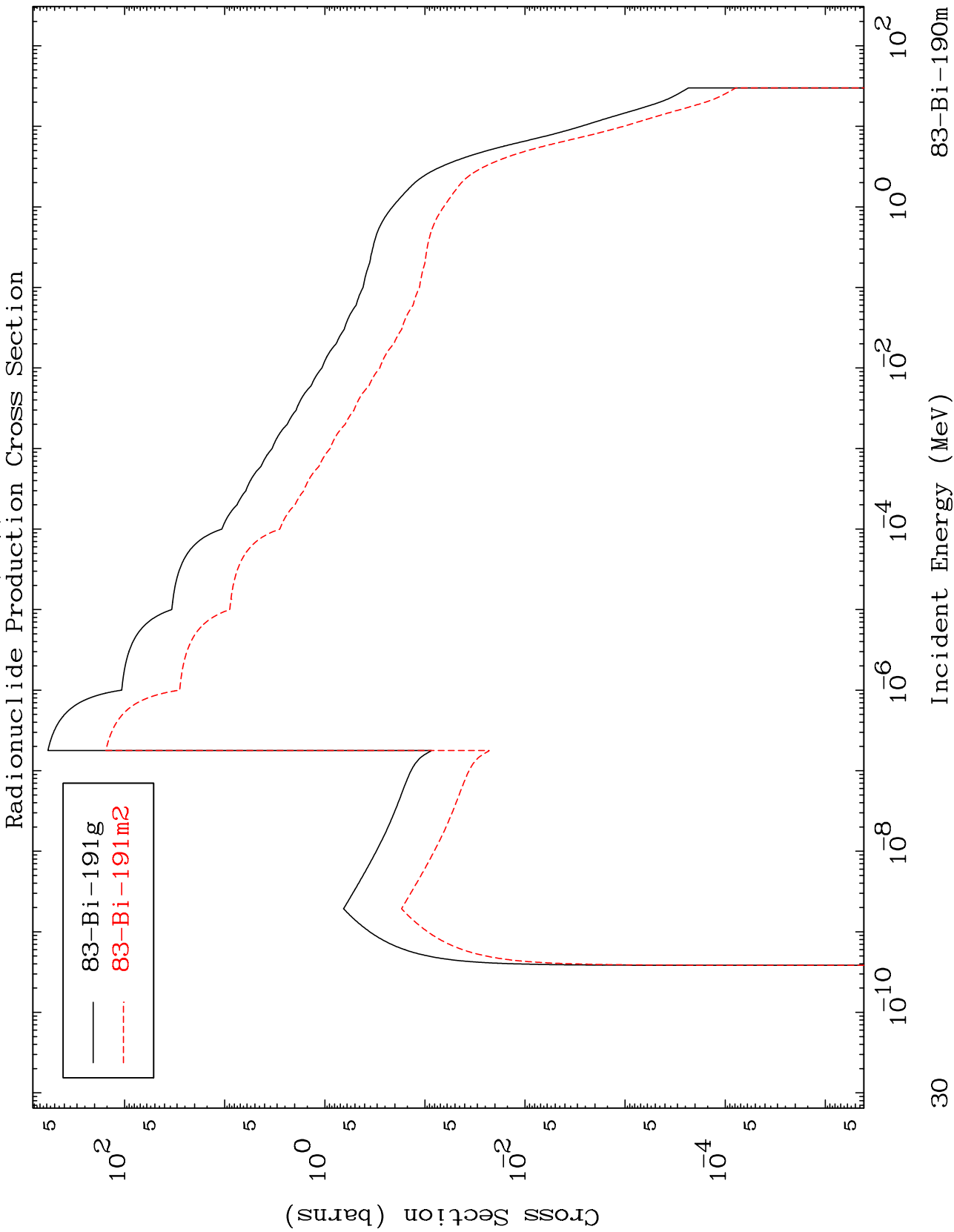
83-Bi-190m



80-Hg-185g
80-Hg-185m4

MAT 8269

$^{83}\text{Bi}-190\text{m}$



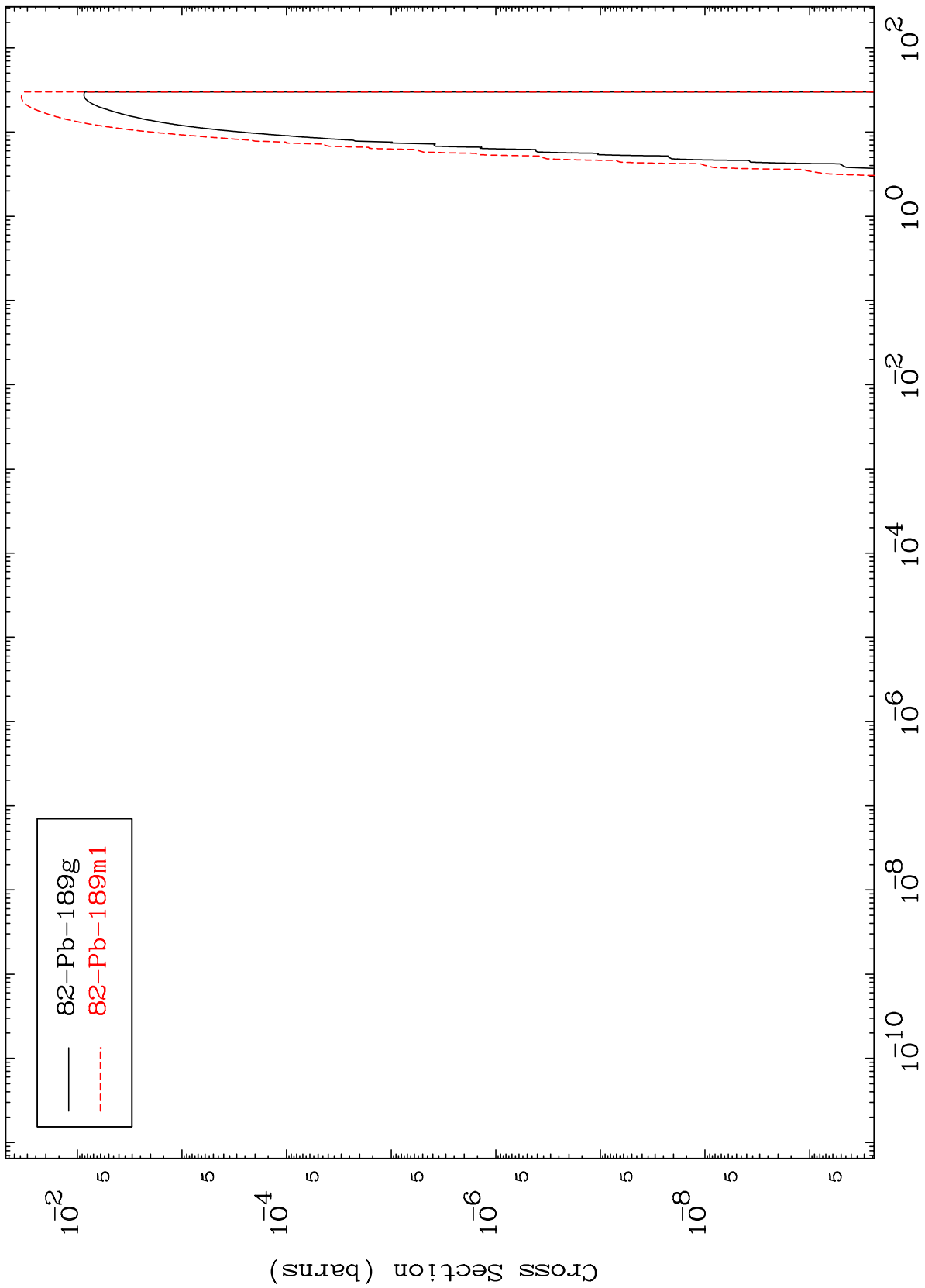
30

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(n,d)

⁸³Bi-190m

Radionuclide Production Cross Section

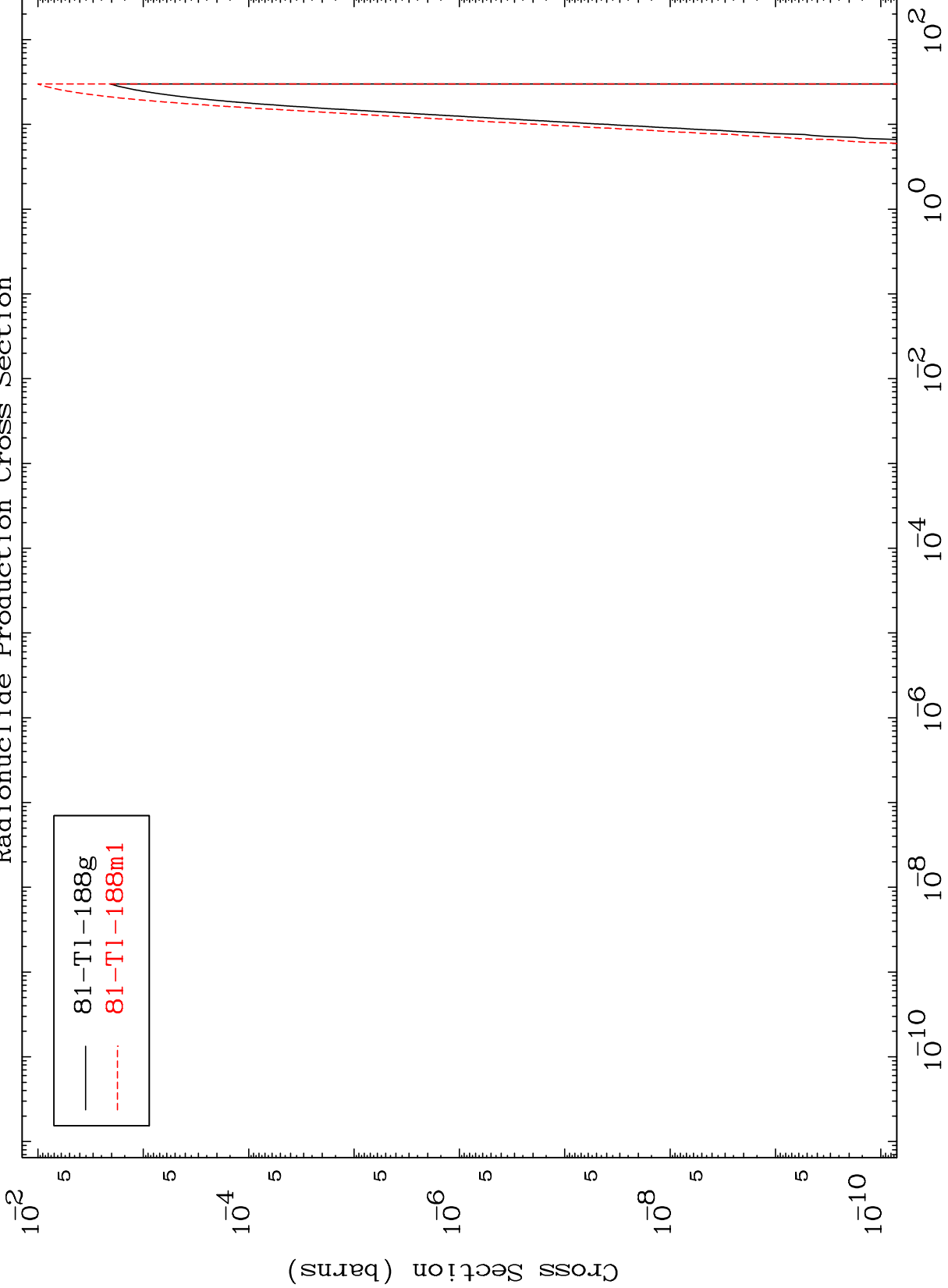


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(n,He-3)

83-Bi-190m

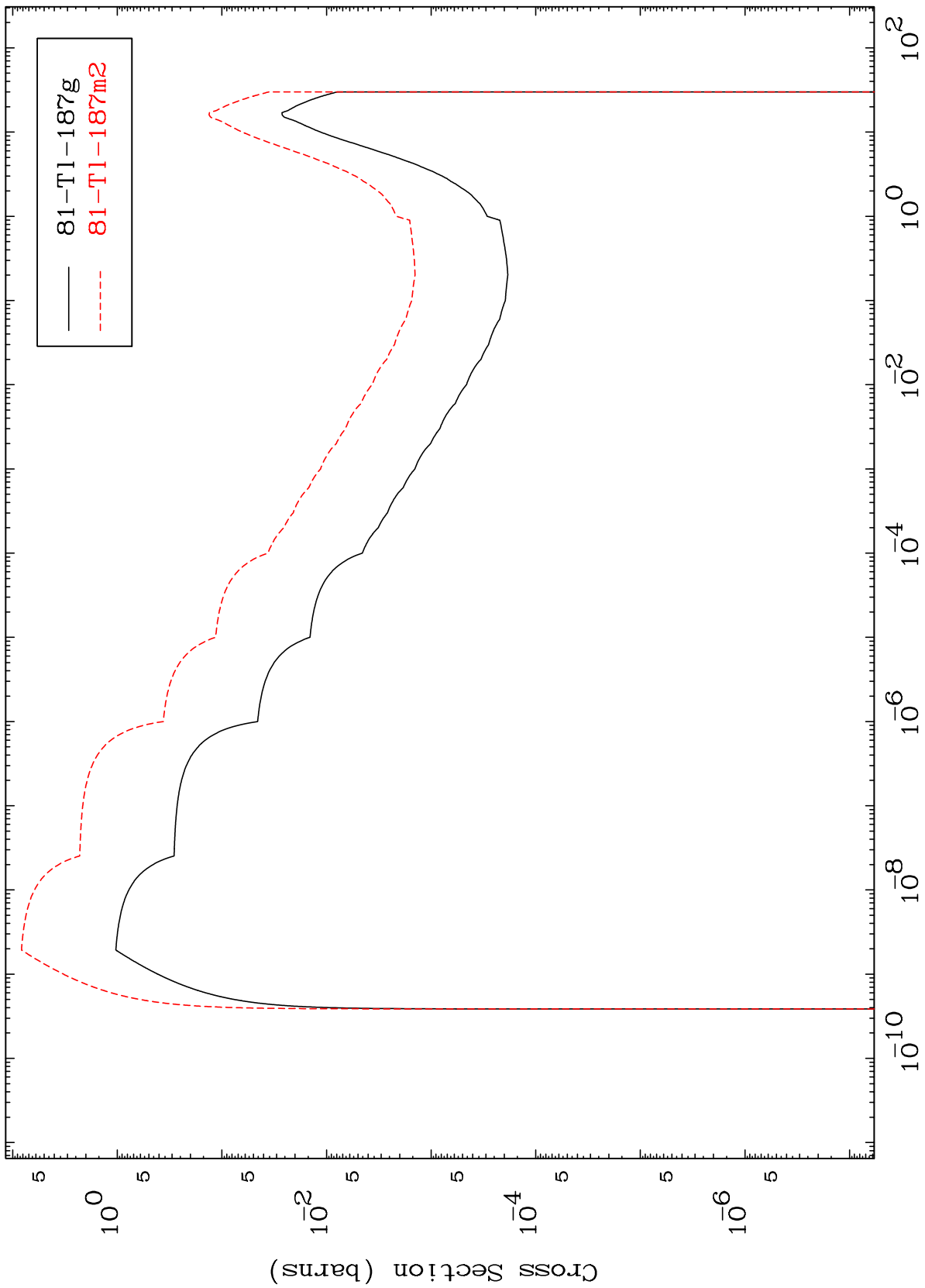
Radionuclide Production Cross Section



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83-Bi-190m

(n, α)
Radionuclide Production Cross Section



33

83-Bi-190m

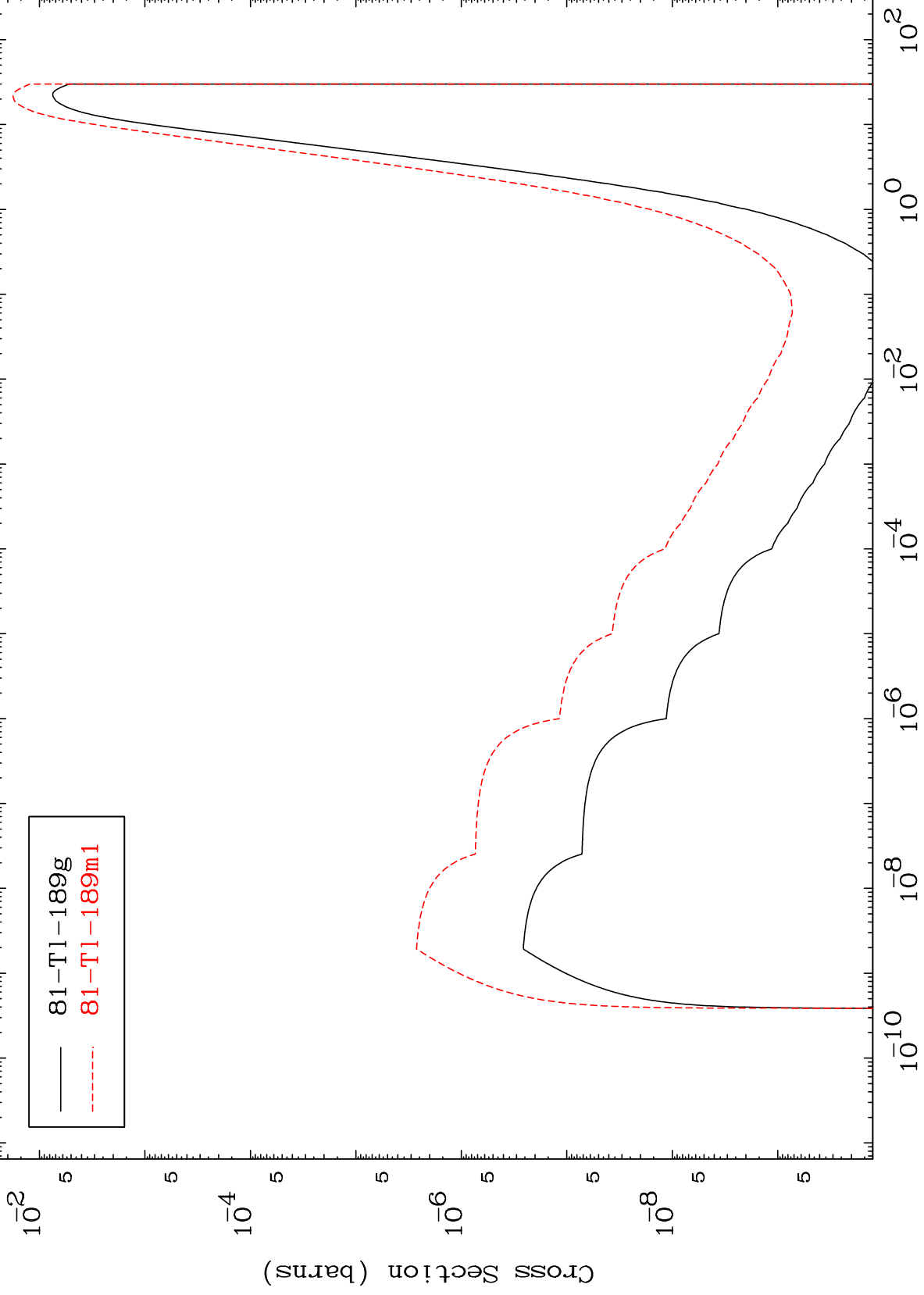
Incident Energy (MeV)

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(n,2p)

⁸³Bi-190m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

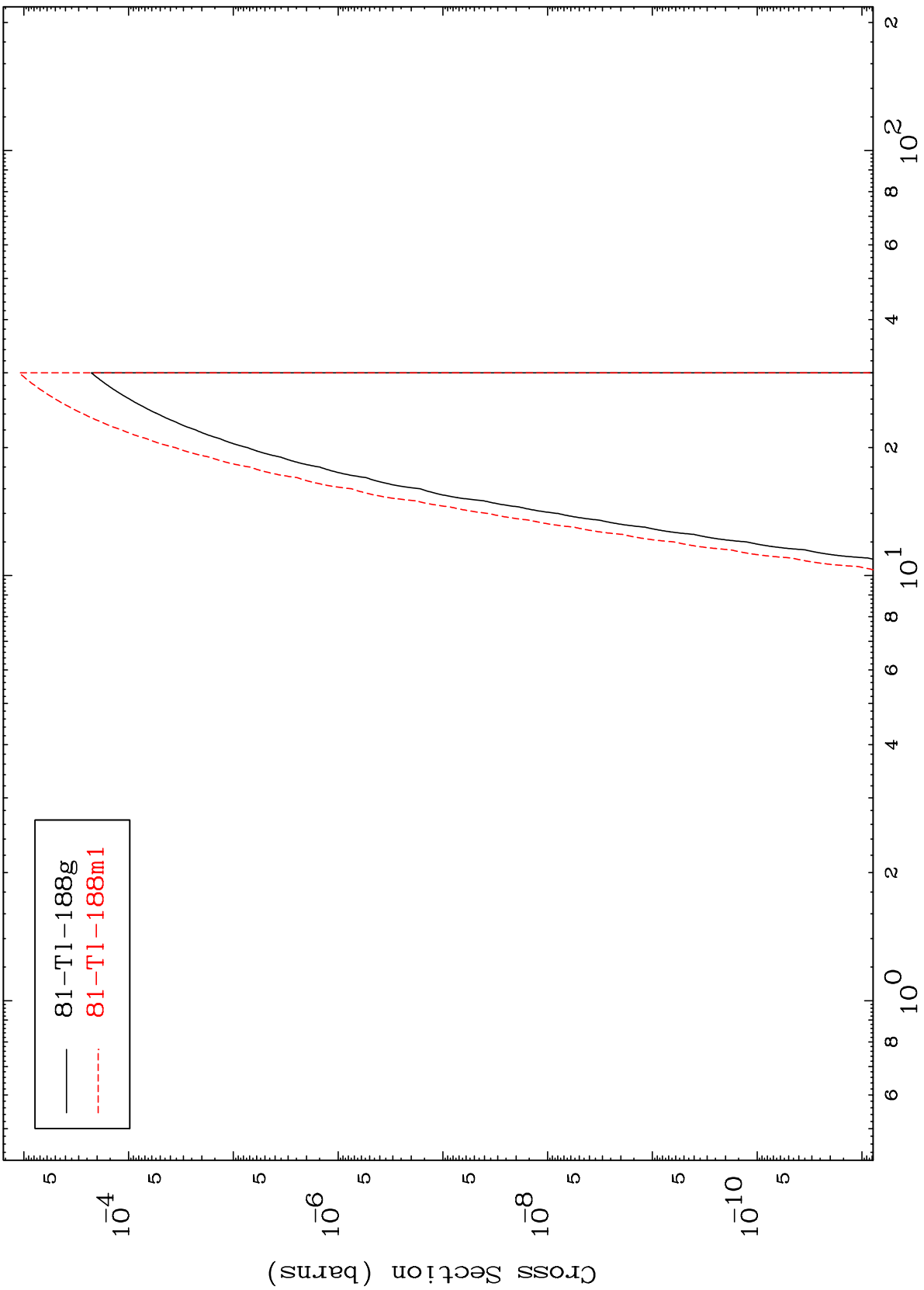
⁸³Bi-190m

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(n,p) d

⁸³Bi-190m

Radionuclide Production Cross Section



— 81-Tl-188g
- - - 81-Tl-188m1

35

Incident Energy (MeV)

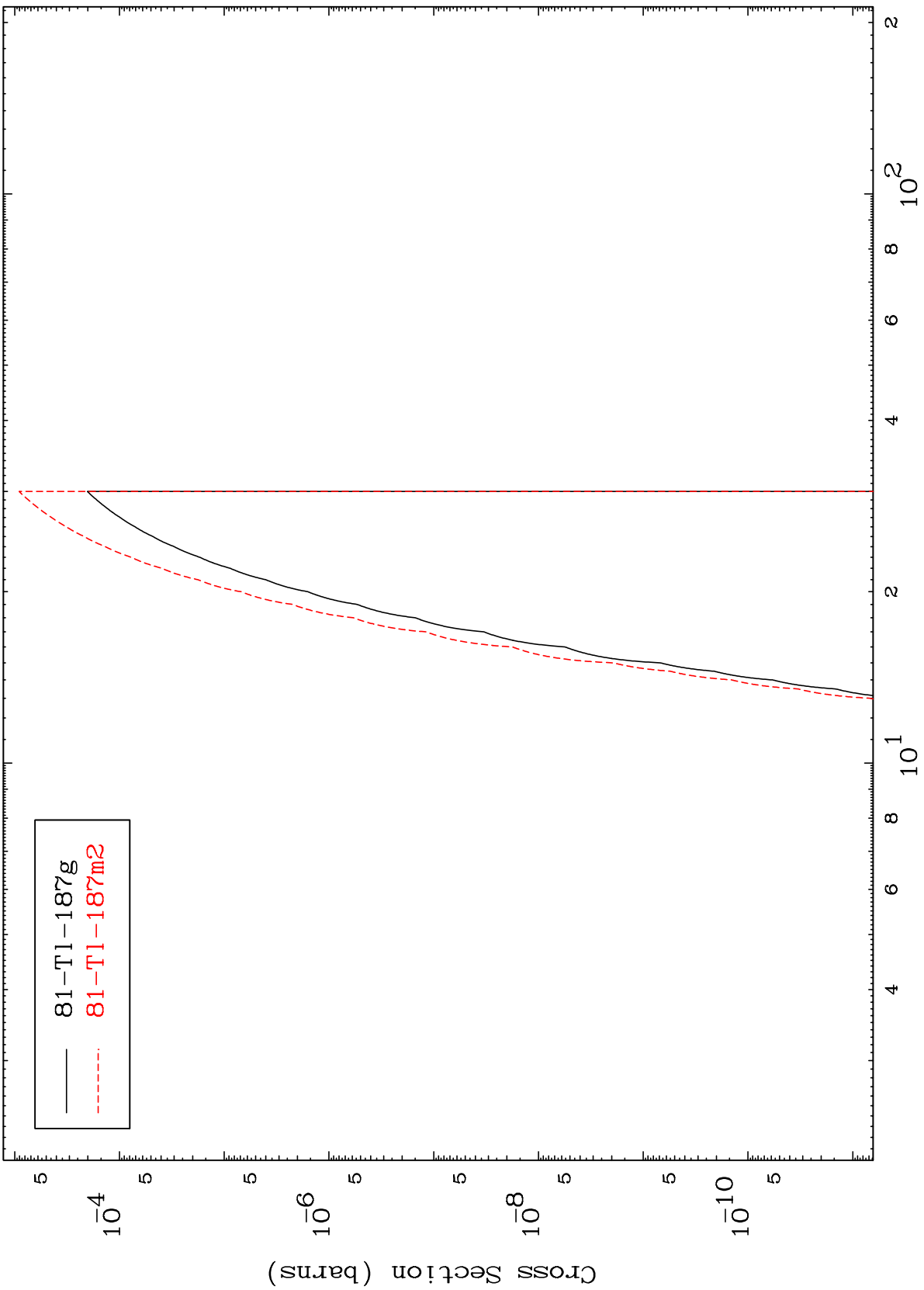
⁸³Bi-190m

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(n,p) t

⁸³Bi-190m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

⁸³Bi-190m

MAT 8269

(n,d) α

83-Bi-190m

Radionuclide Production Cross Section

