

Program EVALPLOT
(Version 2021-1)

by

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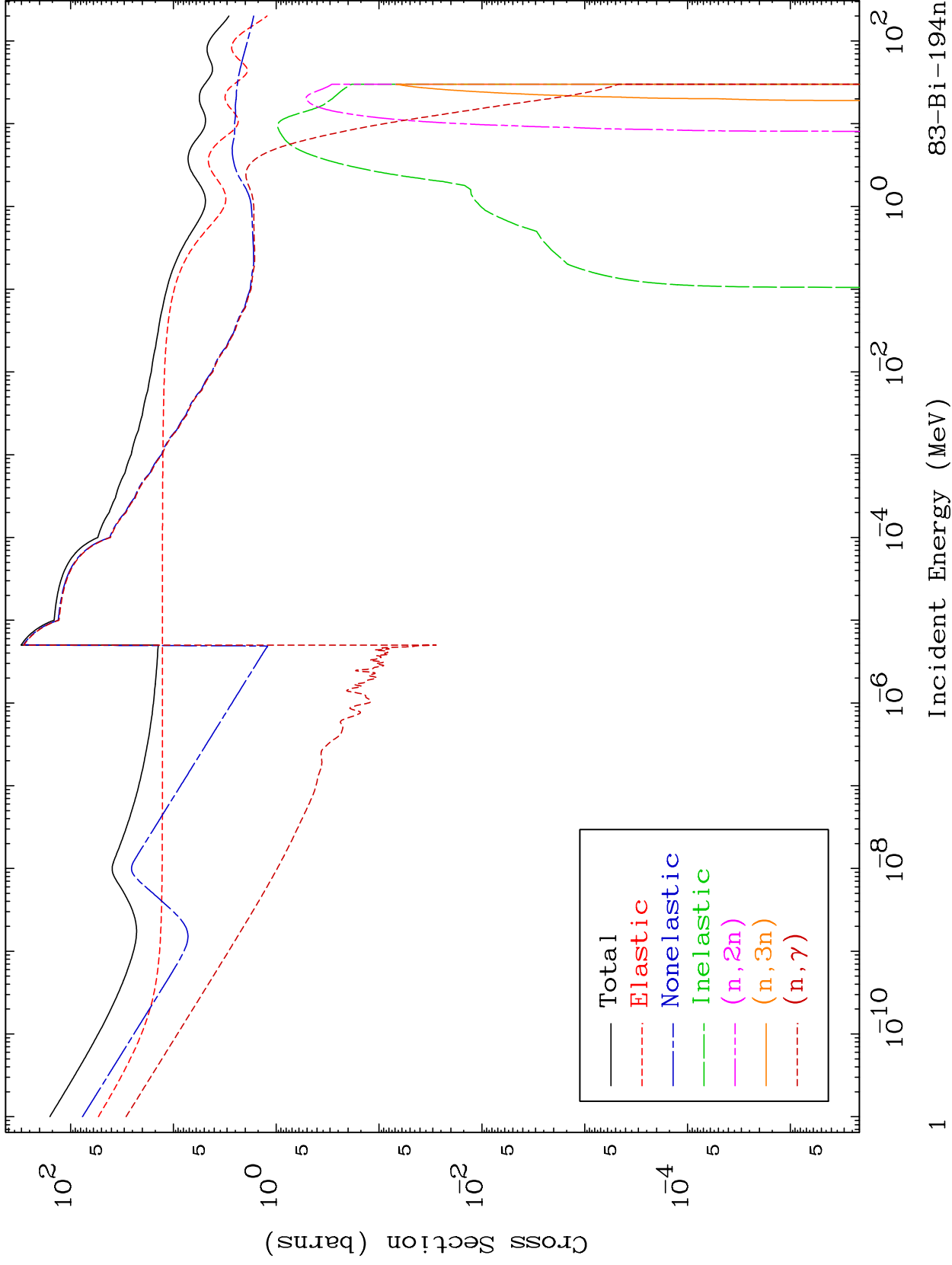
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8282

Neutron Major
293 Kelvin Cross Sections

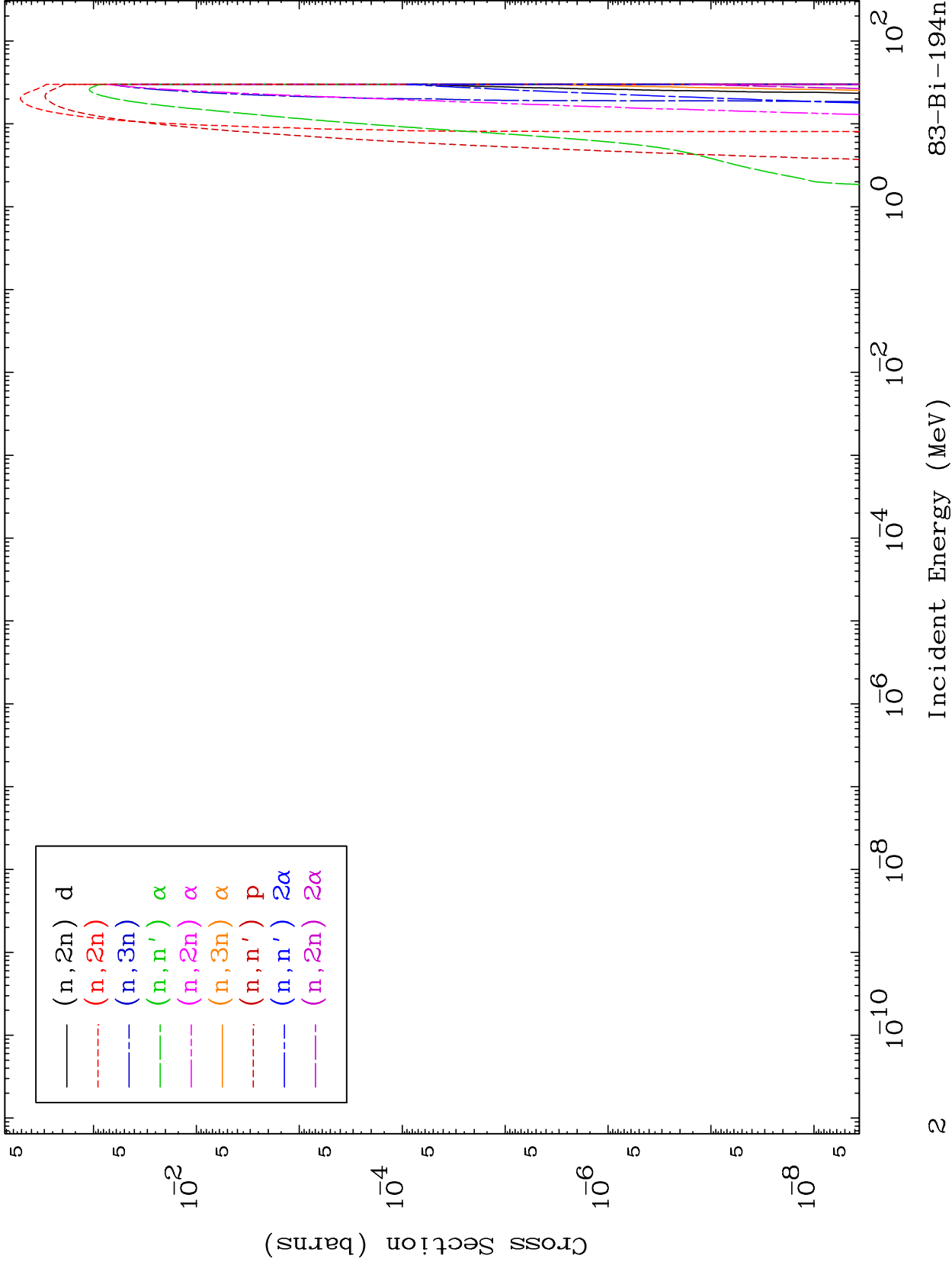
83-Bi-194n



MAT 8282

Neutron Absorption
293 Kelvin Cross Sections

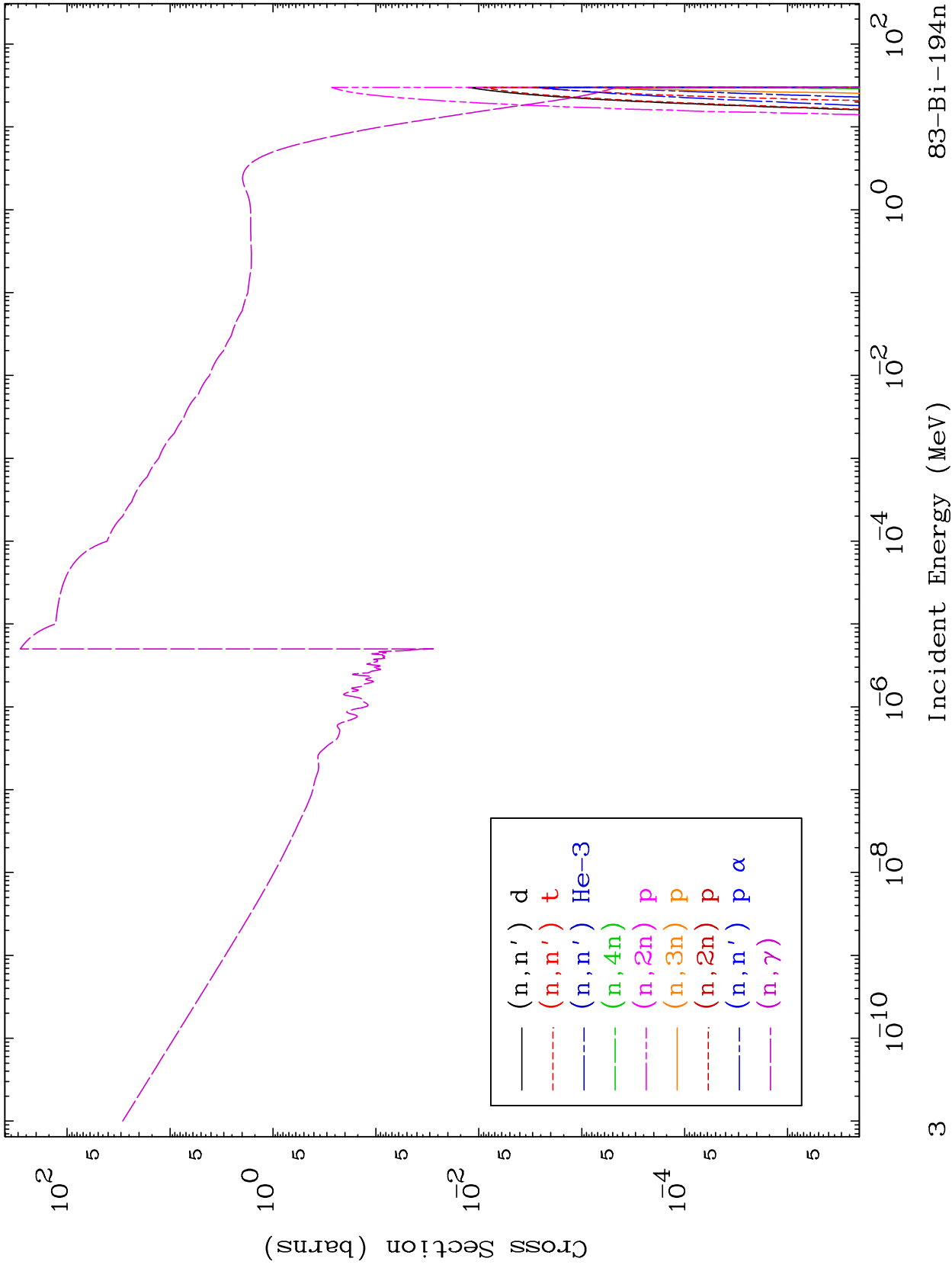
83-Bi-194n



MAT 8282

Neutron Absorption
293 Kelvin Cross Sections

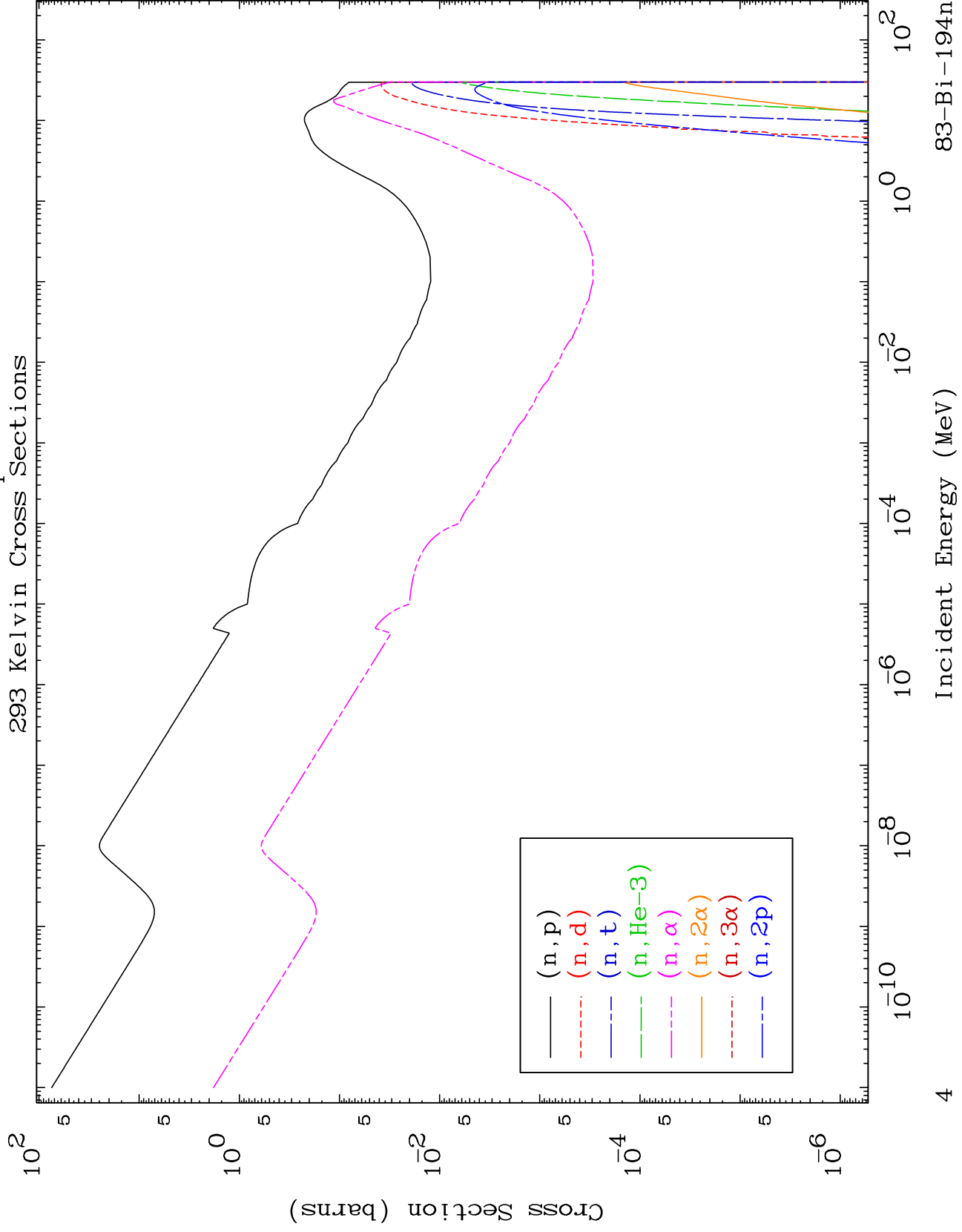
83-Bi-194n



MAT 8282

Neutron Absorption
293 Kelvin Cross Sections

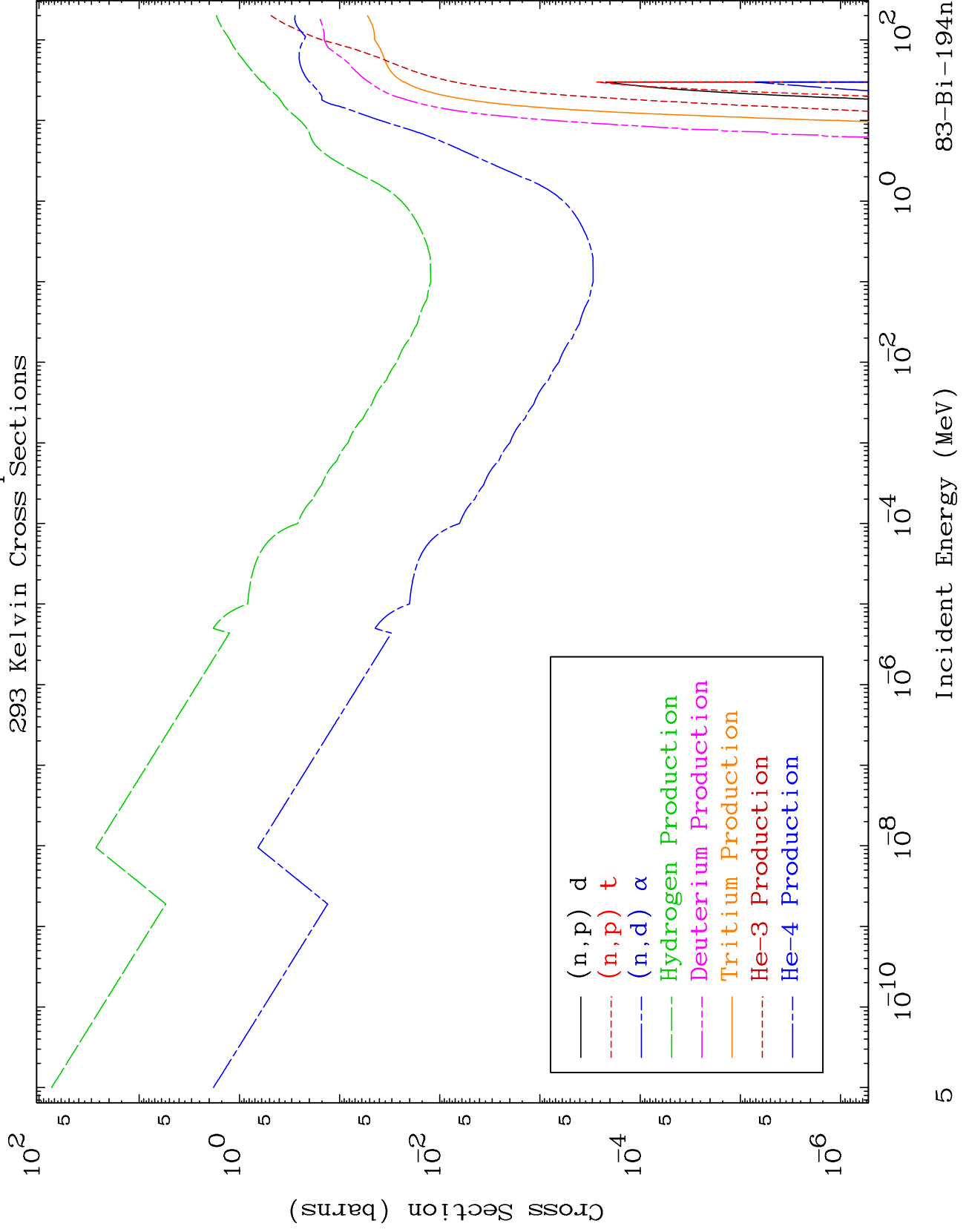
83-Bi-194n



MAT 8282

Neutron Absorption
293 Kelvin Cross Sections

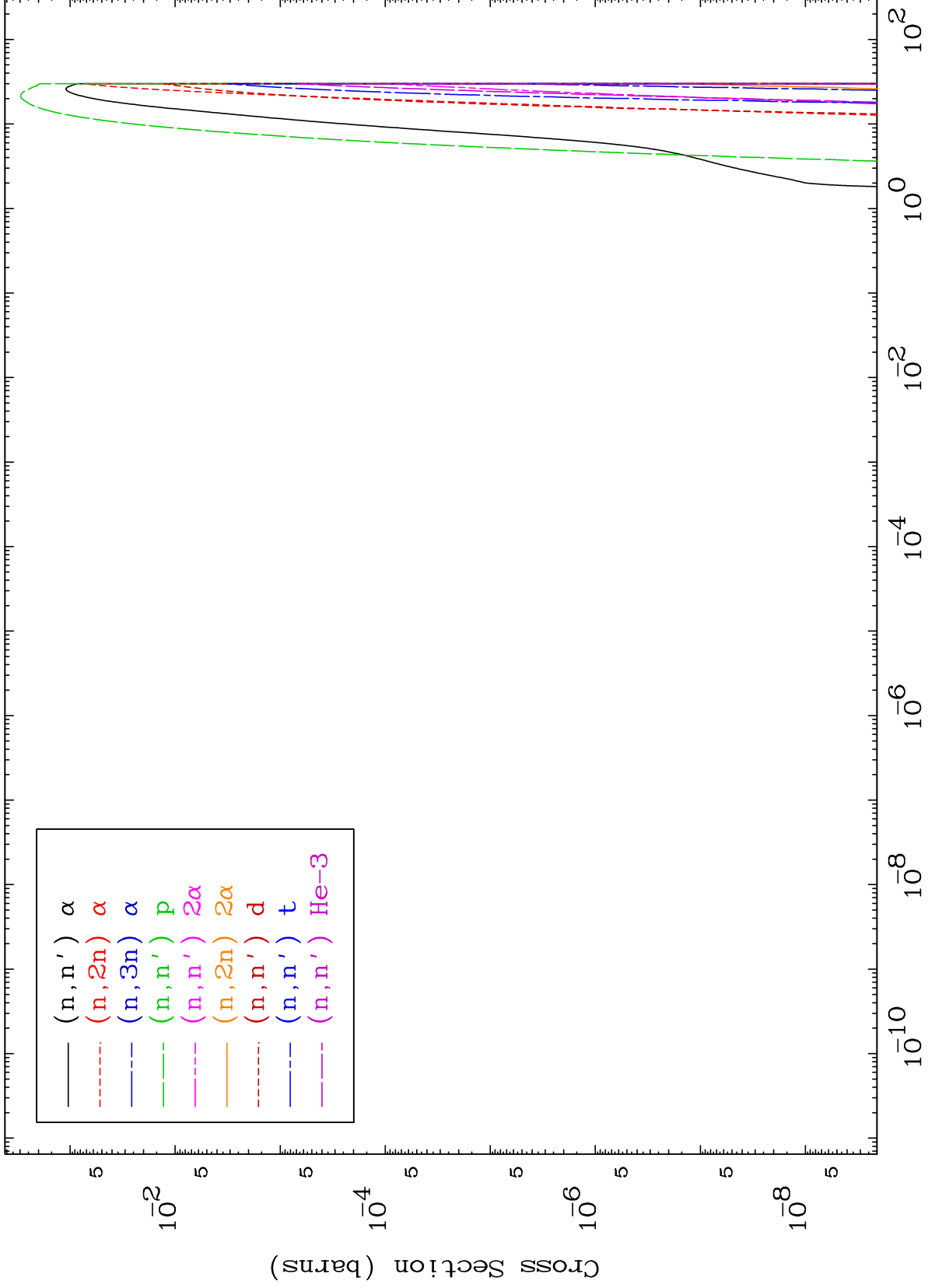
83-Bi-194n



MAT 8282

Charged Particle
293 Kelvin Cross Sections

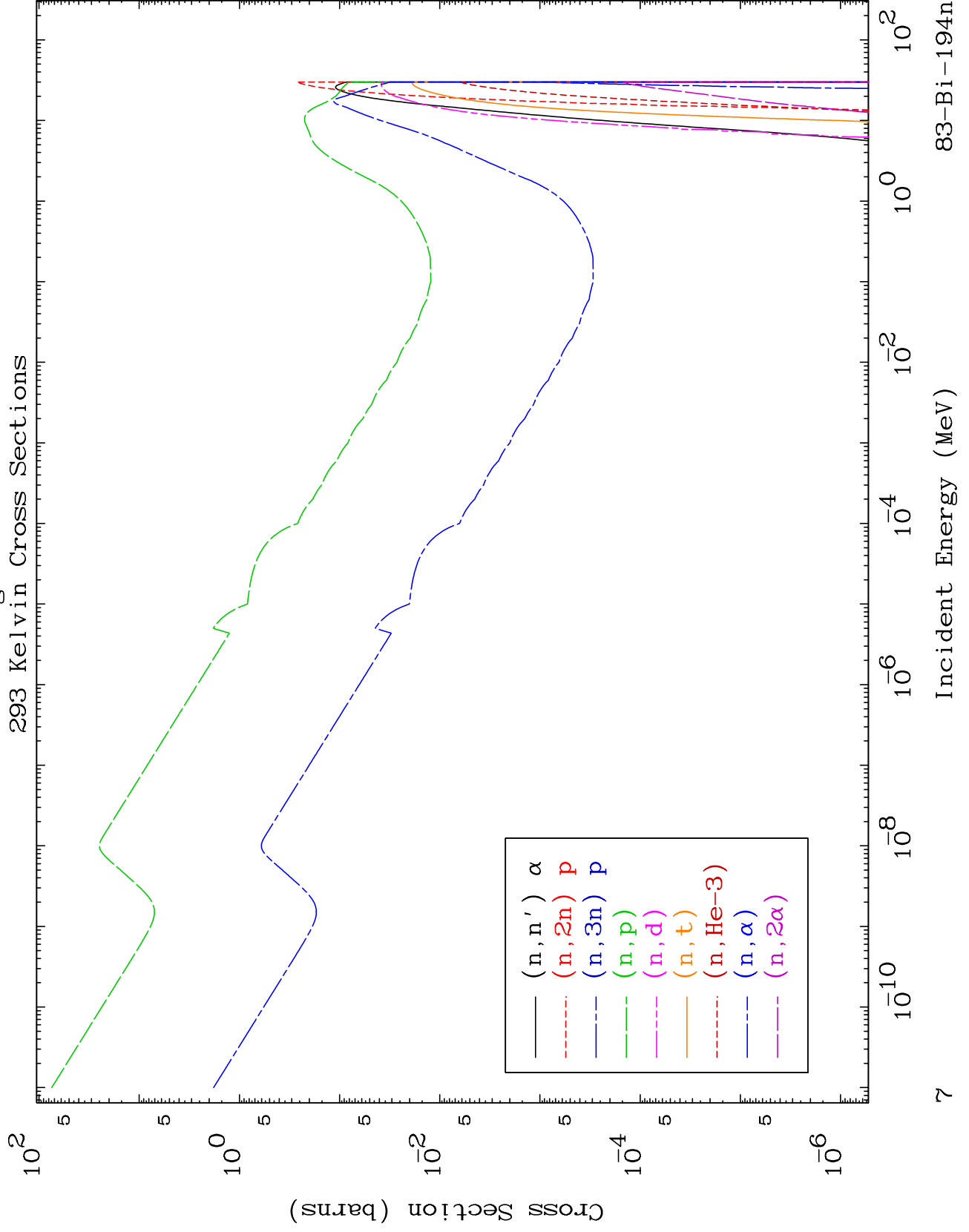
83-Bi-194n



MAT 8282

Charged Particle
293 Kelvin Cross Sections

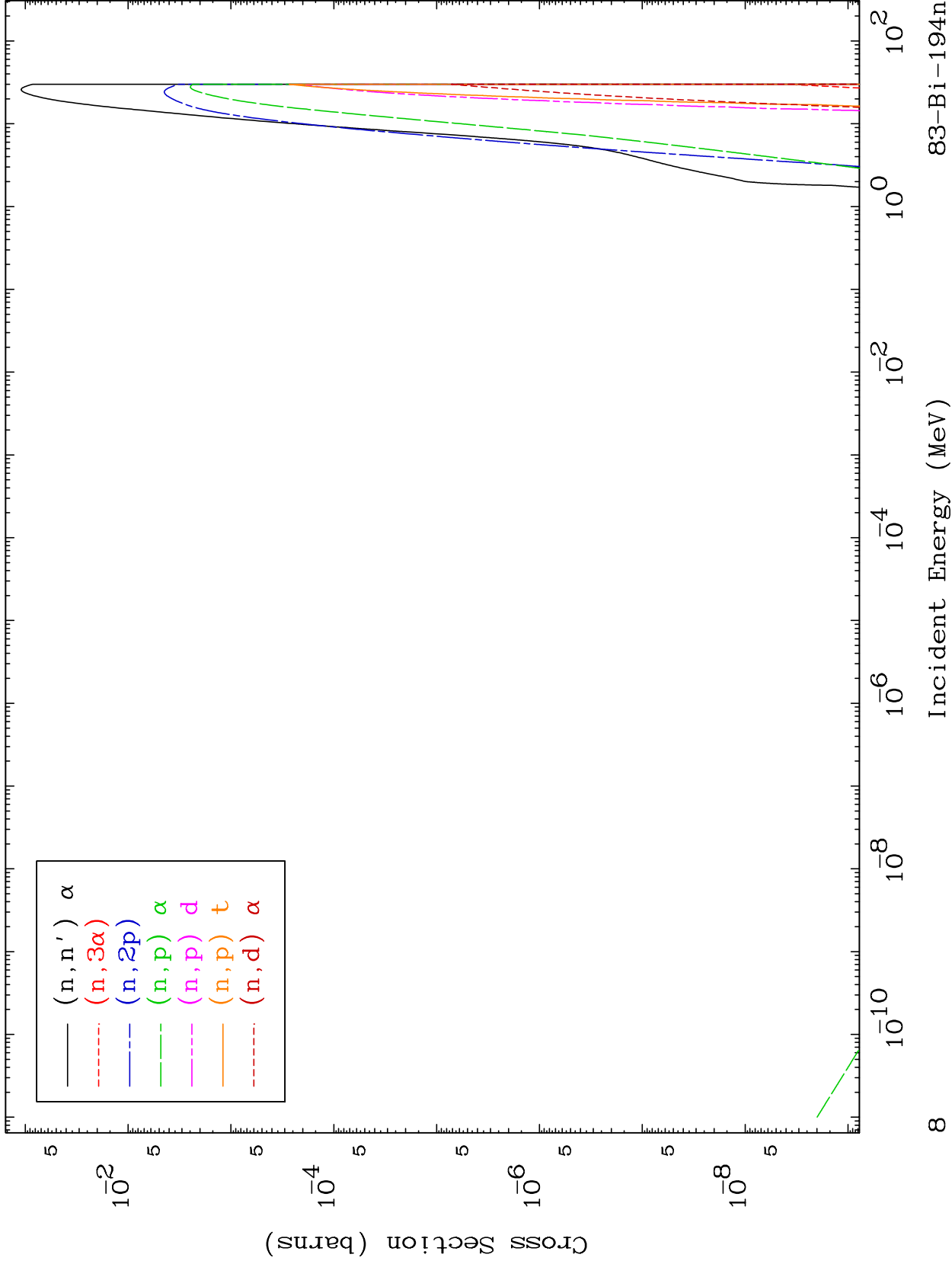
83-Bi-194n



MAT 8282

Charged Particle
293 Kelvin Cross Sections

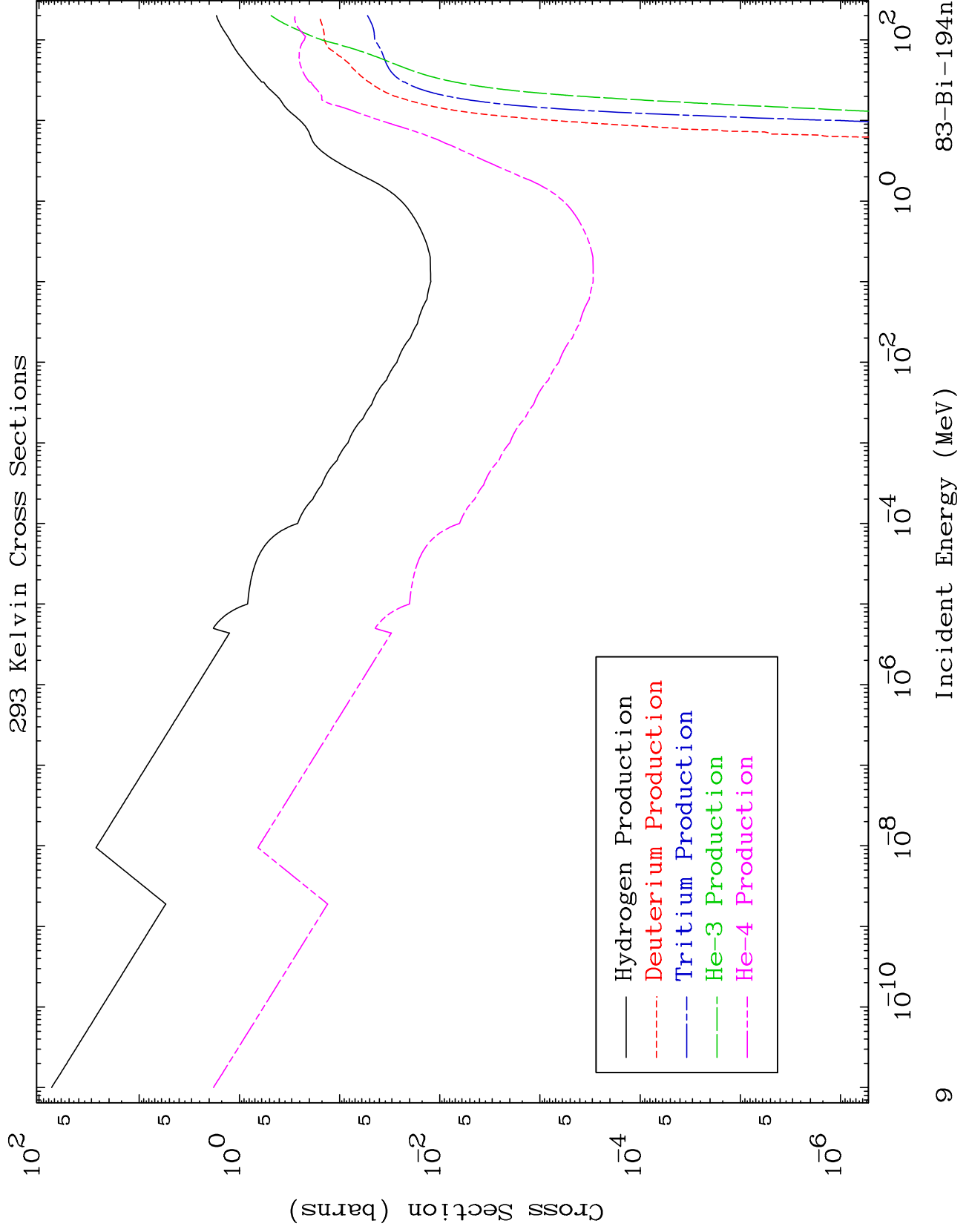
83-Bi-194n



MAT 8282

Particle Production
293 Kelvin Cross Sections

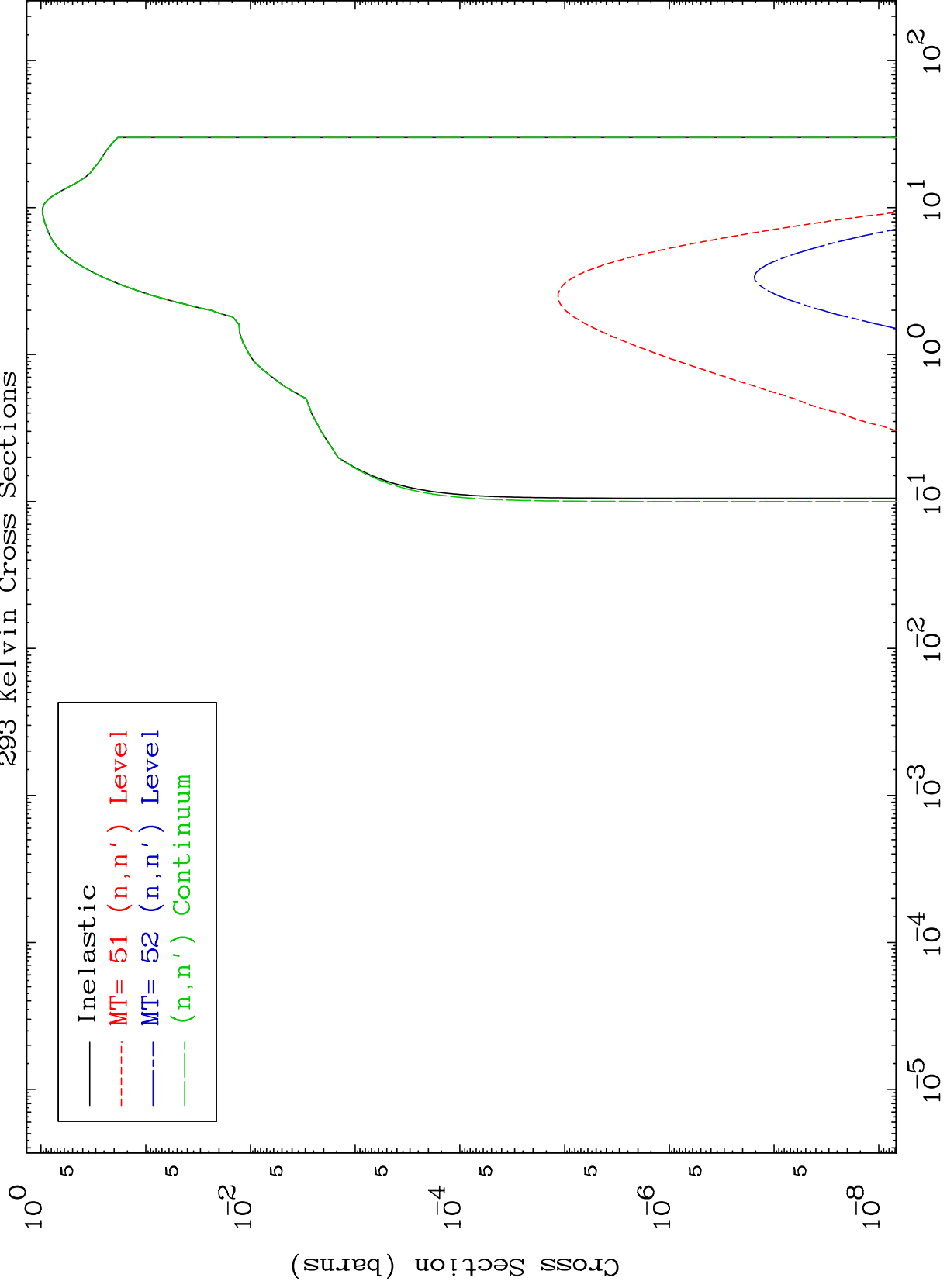
83-Bi-194n



MAT 8282

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-194n



Incident Energy (MeV)

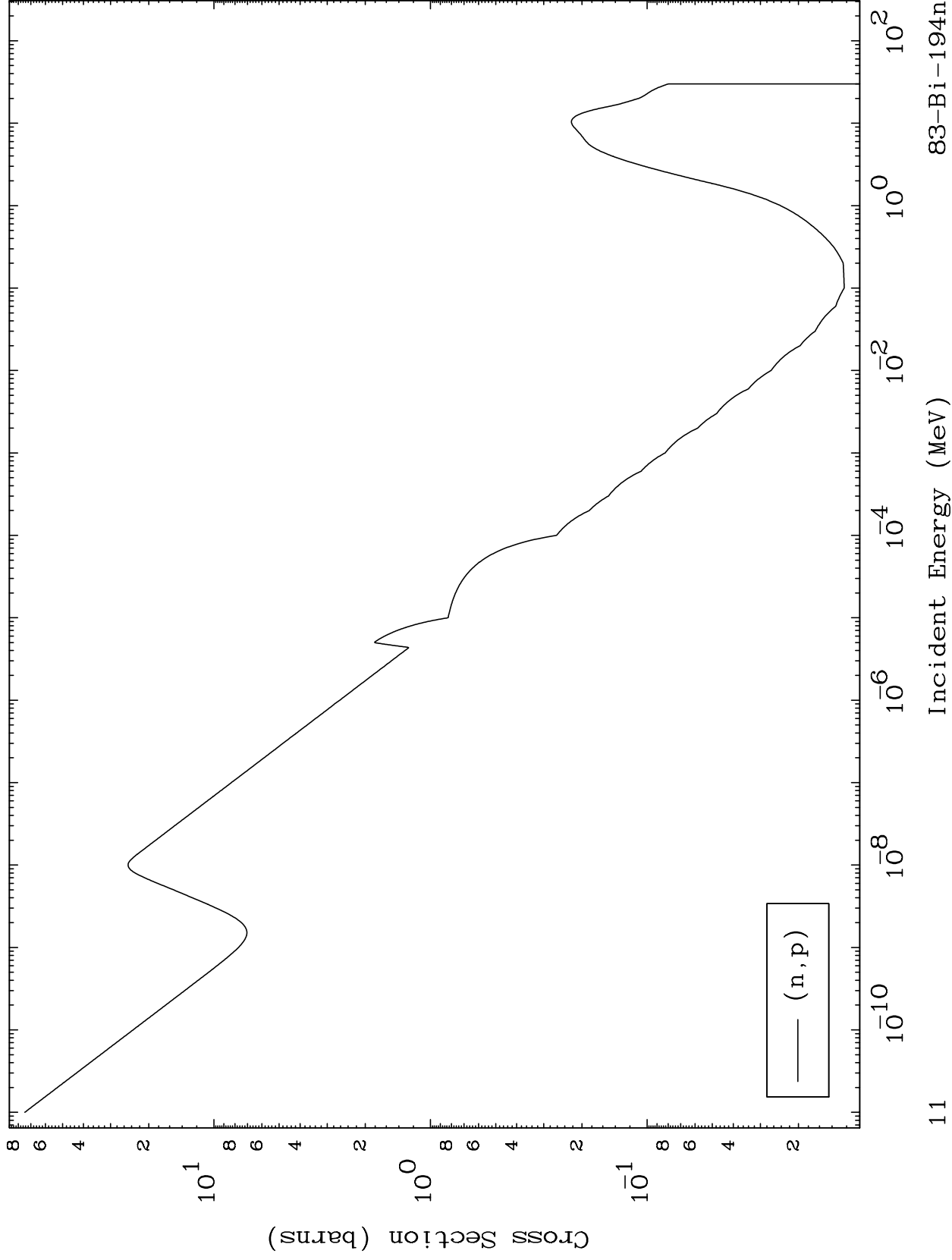
83-Bi-194n

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(n,p) Levels
293 Kelvin Cross Sections

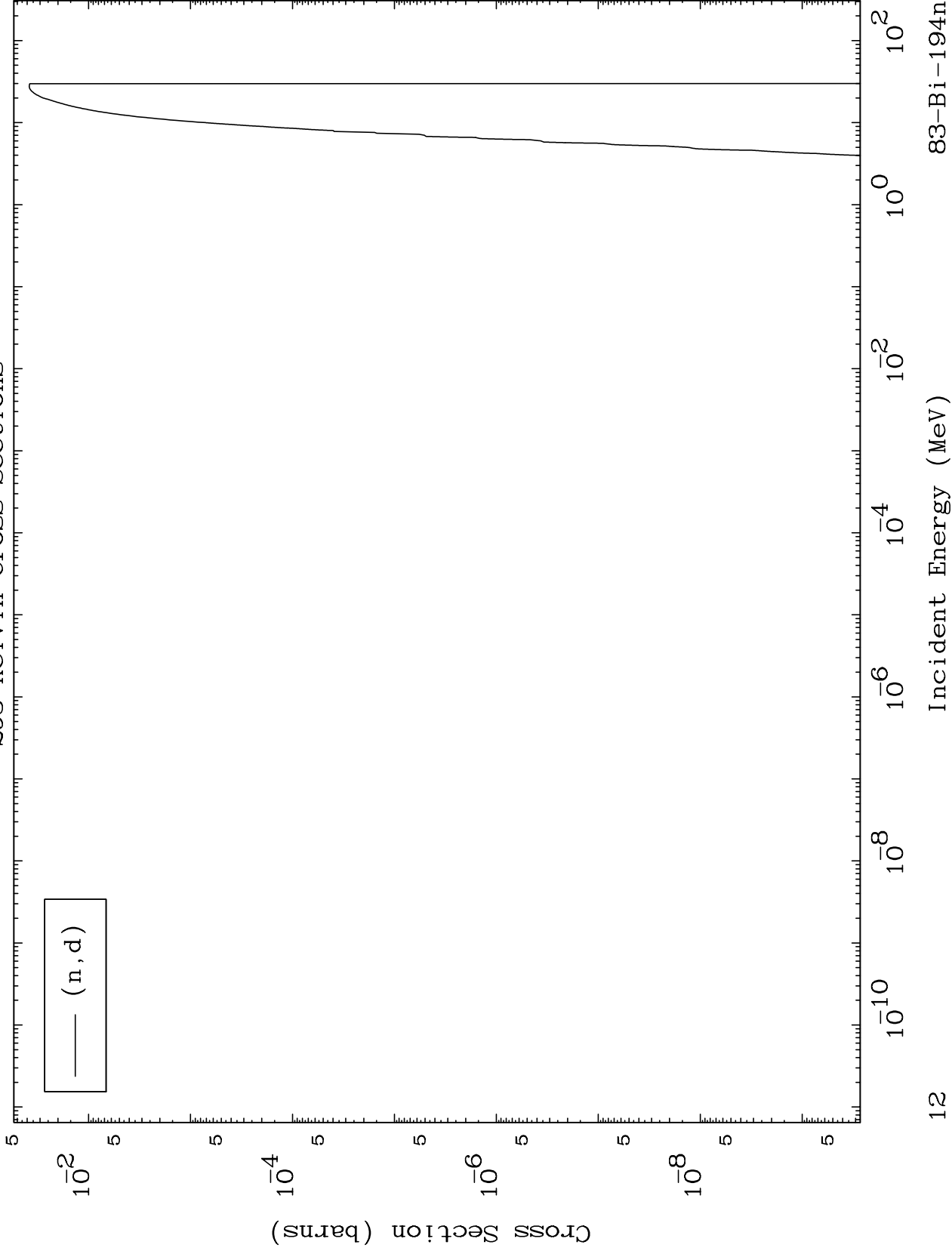
83-Bi-194n



MAT 8282

(n,d) Levels
293 Kelvin Cross Sections

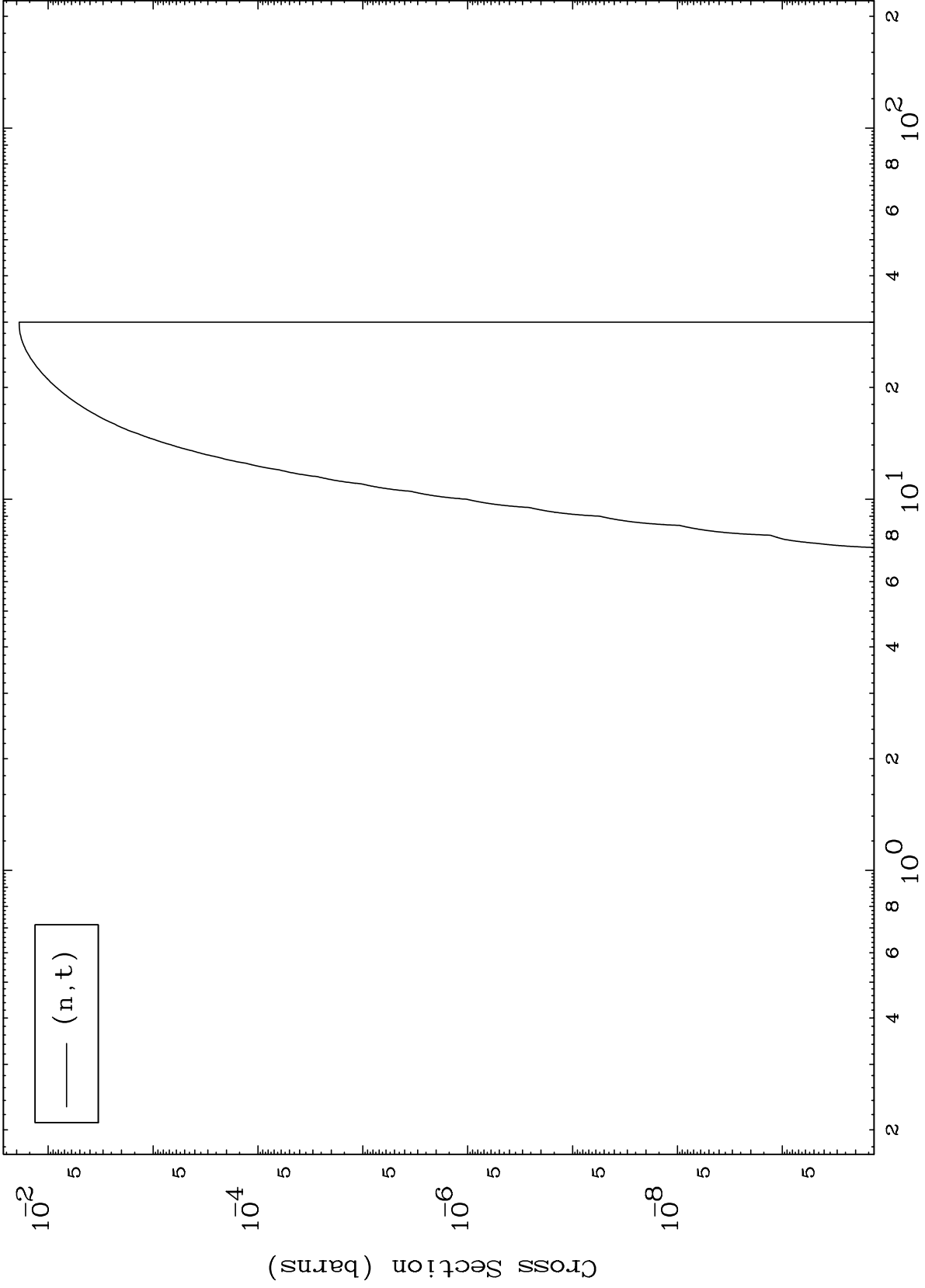
83-Bi-194n



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(n,t) Levels
293 Kelvin Cross Sections

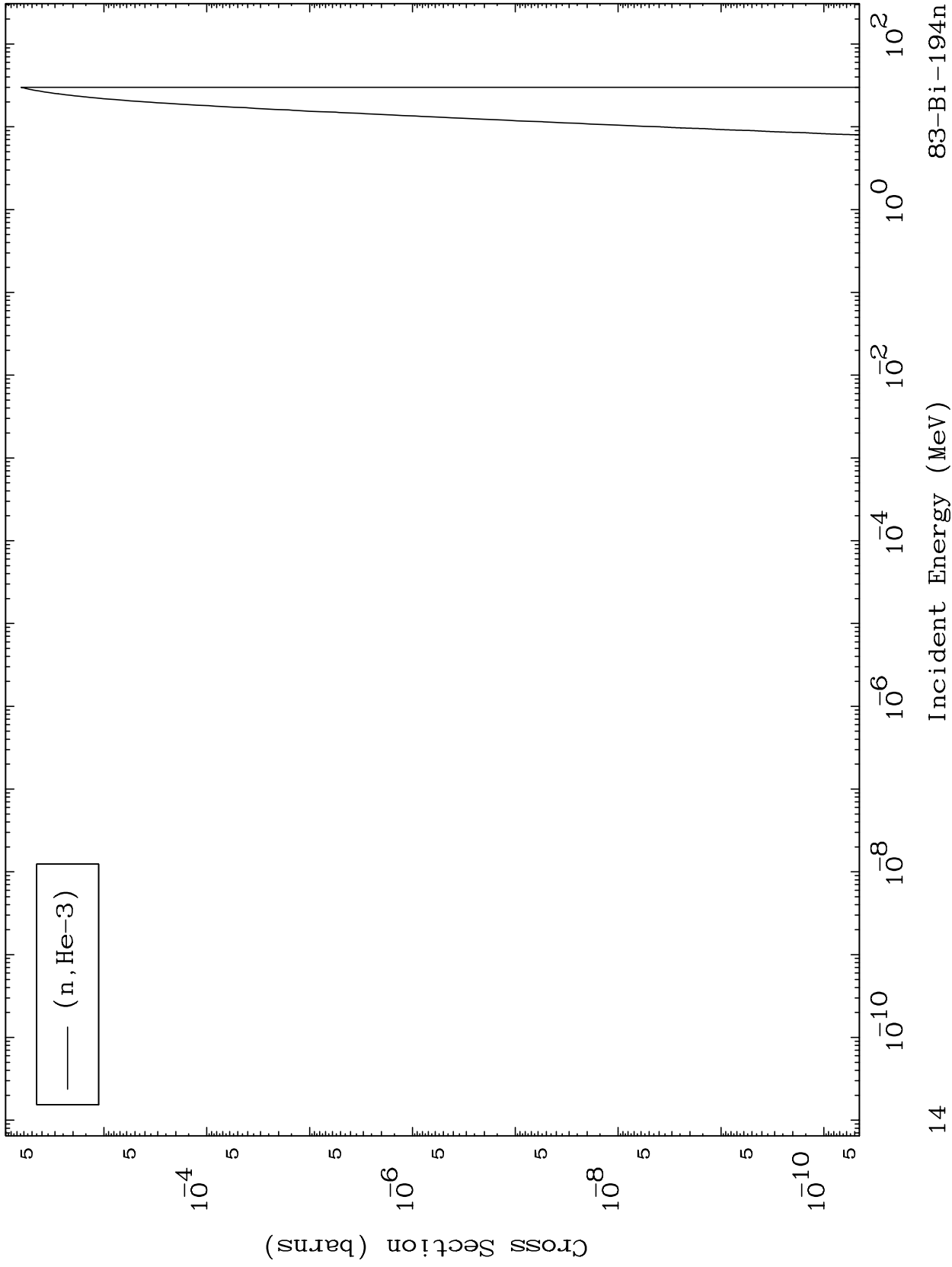
83-Bi-194n



MAT 8282

(n,He3) Levels
293 Kelvin Cross Sections

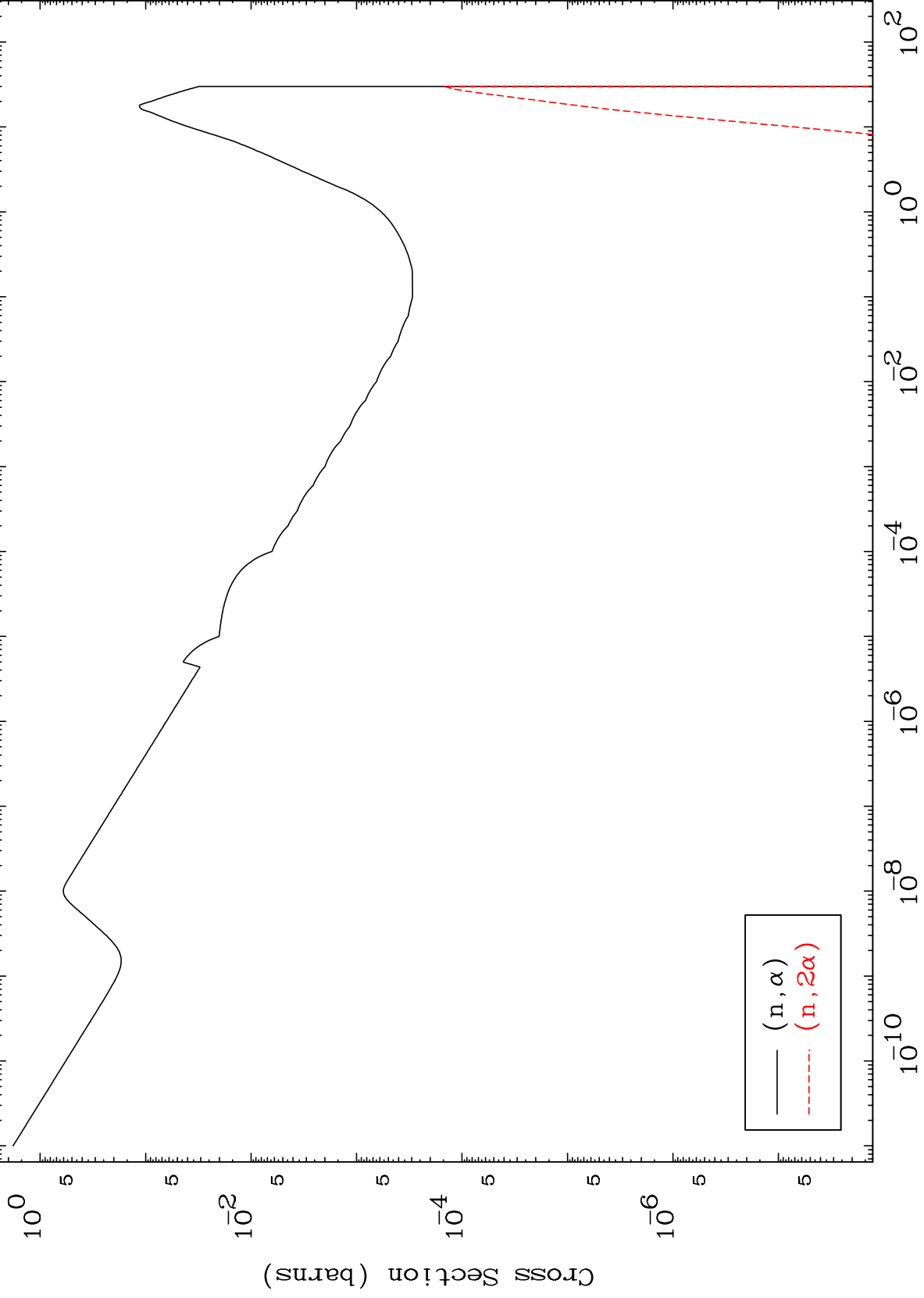
83-Bi-194n



MAT 8282

(n, α) Levels
293 Kelvin Cross Sections

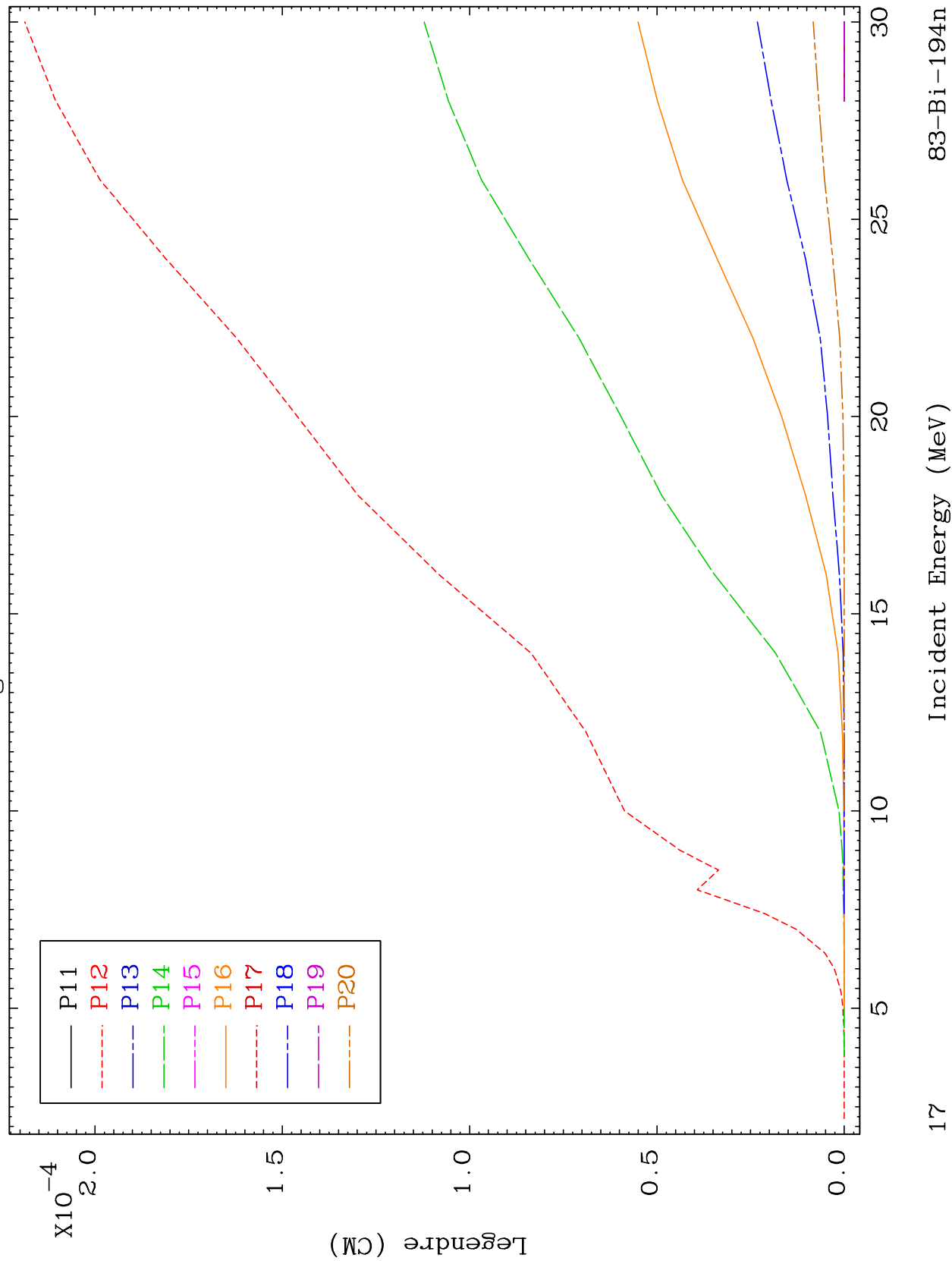
83-Bi-194n



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Elastic Legendre Coefficients

⁸³Bi-¹⁹⁴n



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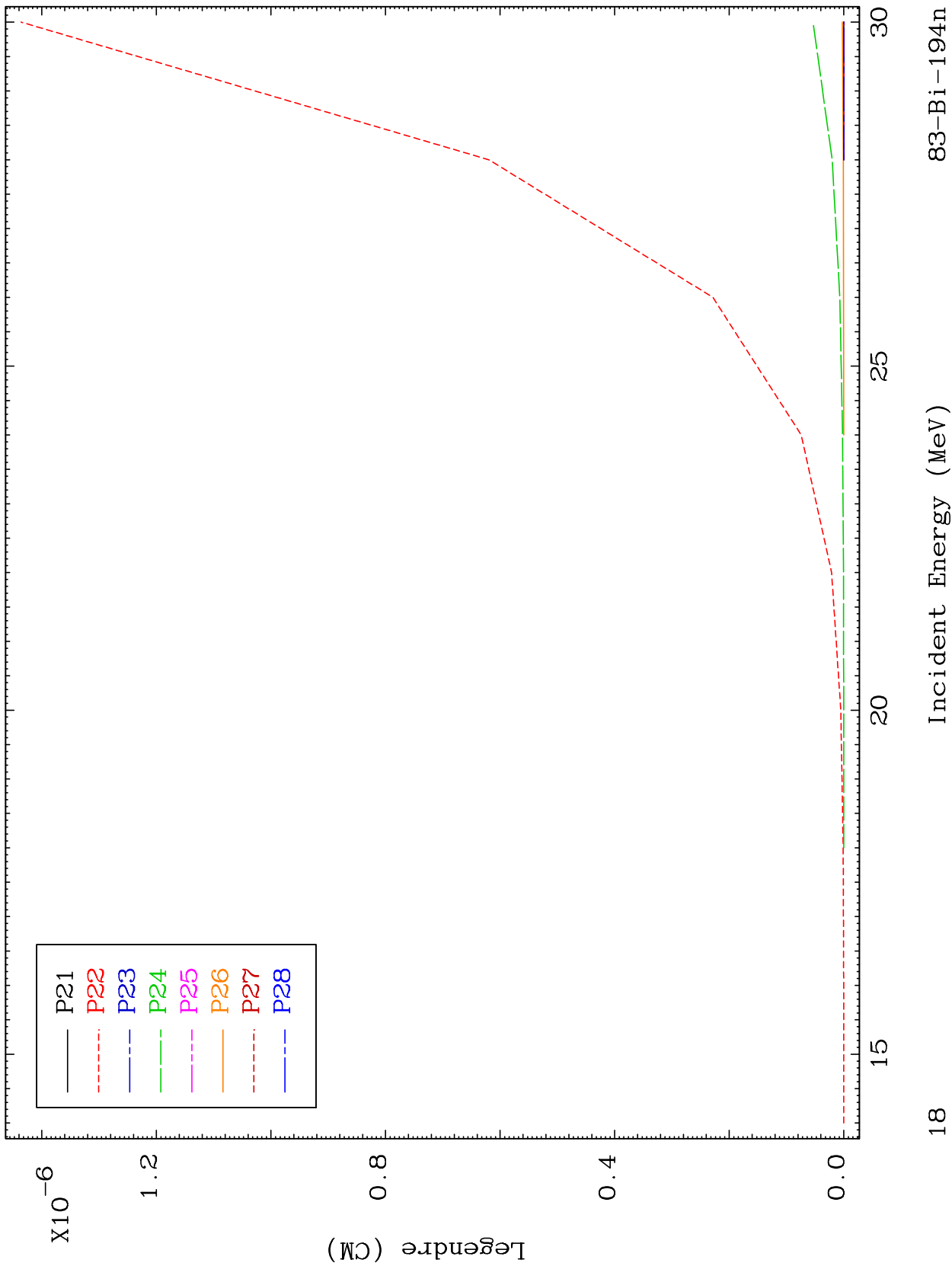
⁸³Bi-¹⁹⁴n

Incident Energy (MeV)

MAT 8282

Elastic Legendre Coefficients

83-Bi-194n



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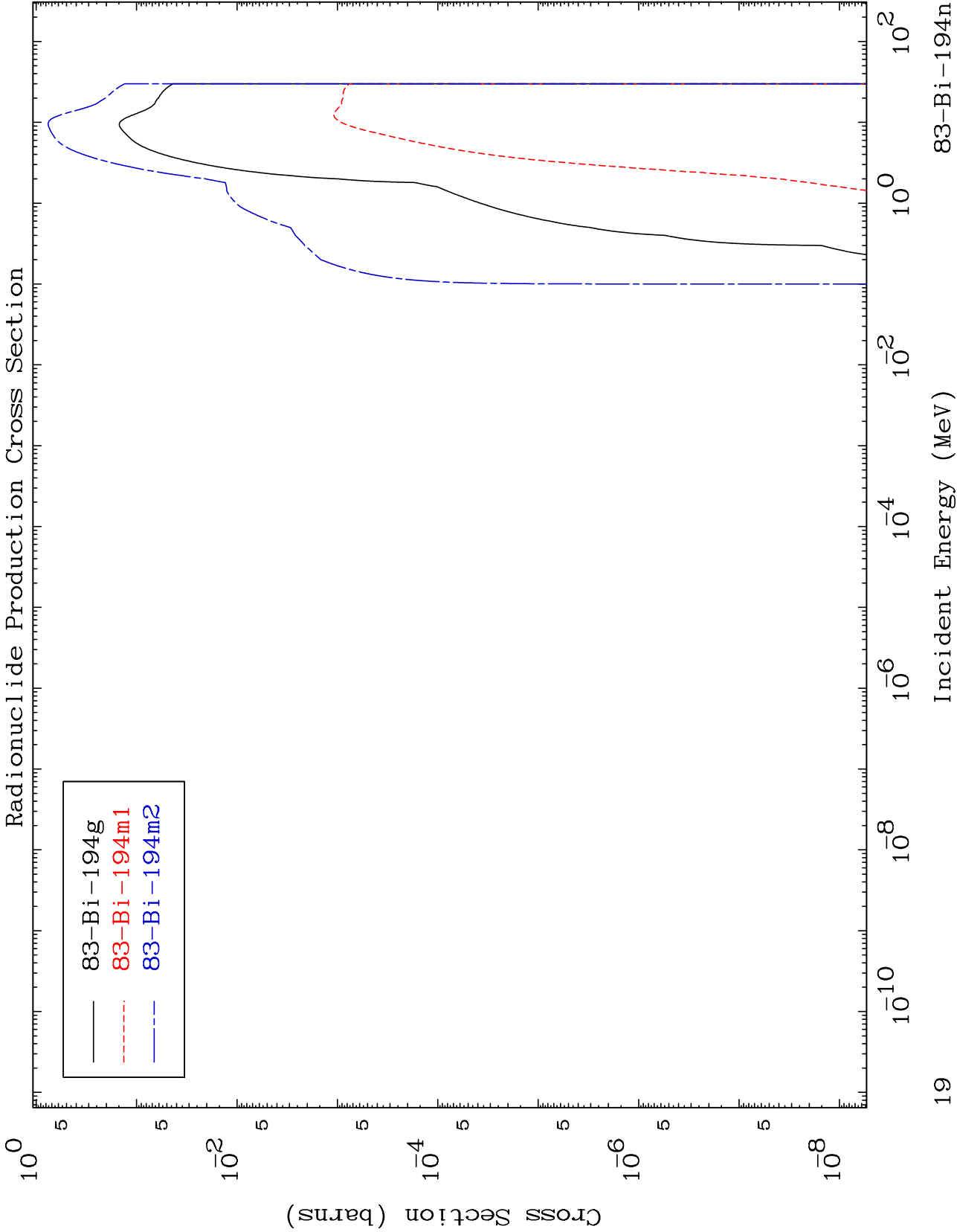
Incident Energy (MeV)

83-Bi-194n

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Inelastic
Radionuclide Production Cross Section

⁸³Bi-¹⁹⁴n

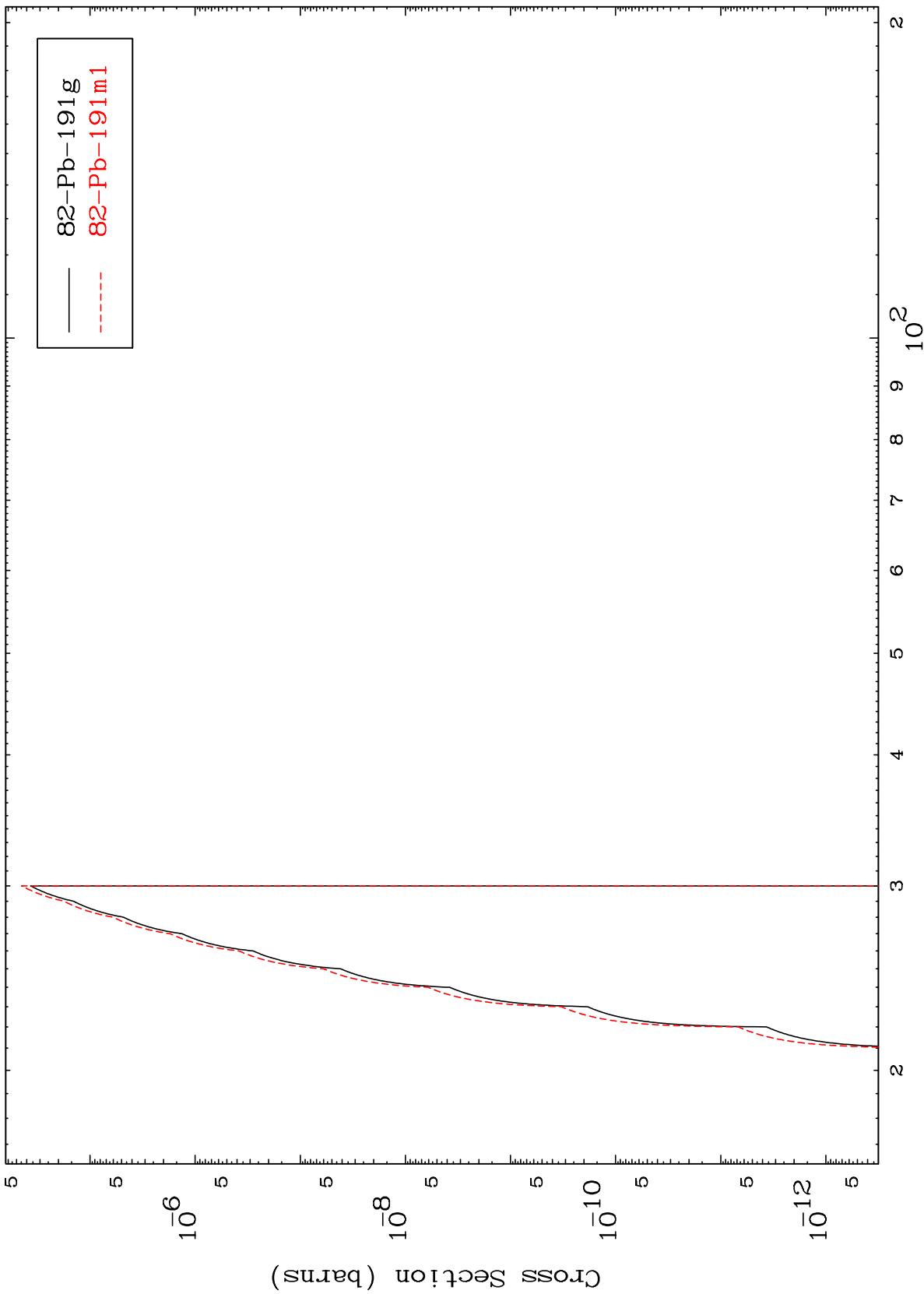


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(n,2n) d

83-Bi-194n

Radionuclide Production Cross Section



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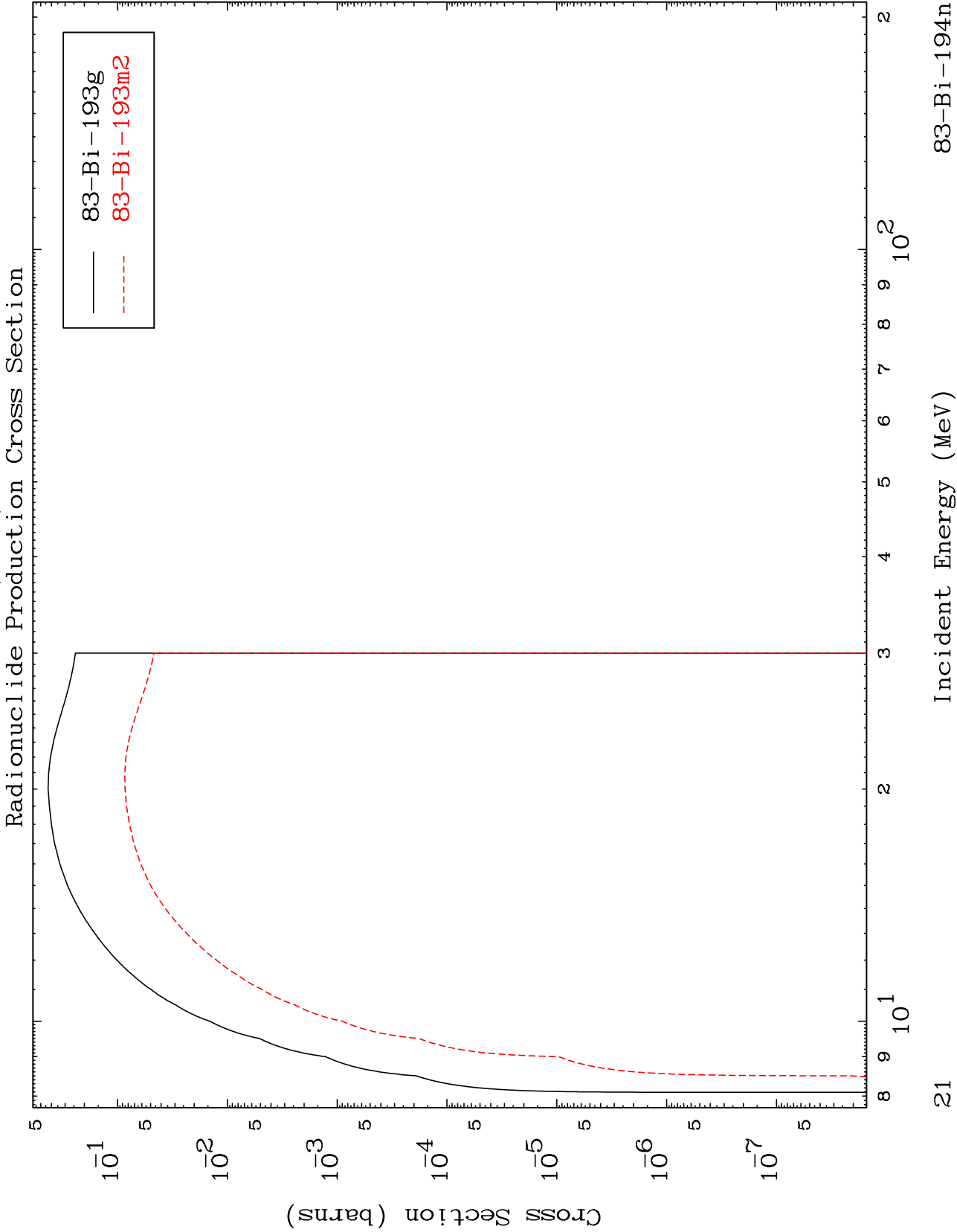
Incident Energy (MeV)

83-Bi-194n

MAT 8282

(n,2n)

⁸³Bi-194n



21

Incident Energy (MeV)

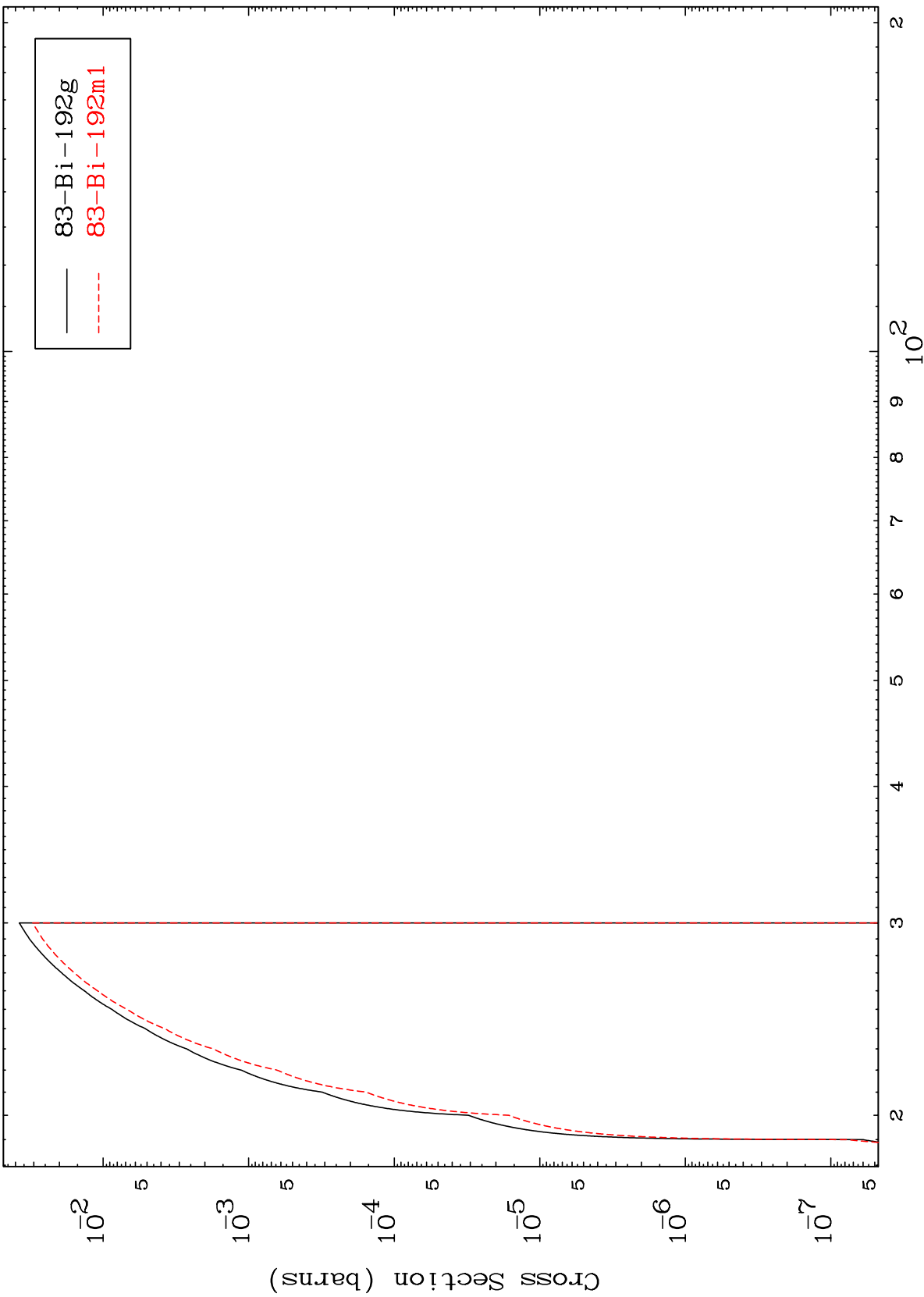
⁸³Bi-194n

MAT 8282

83-Bi-194n

(n,3n)

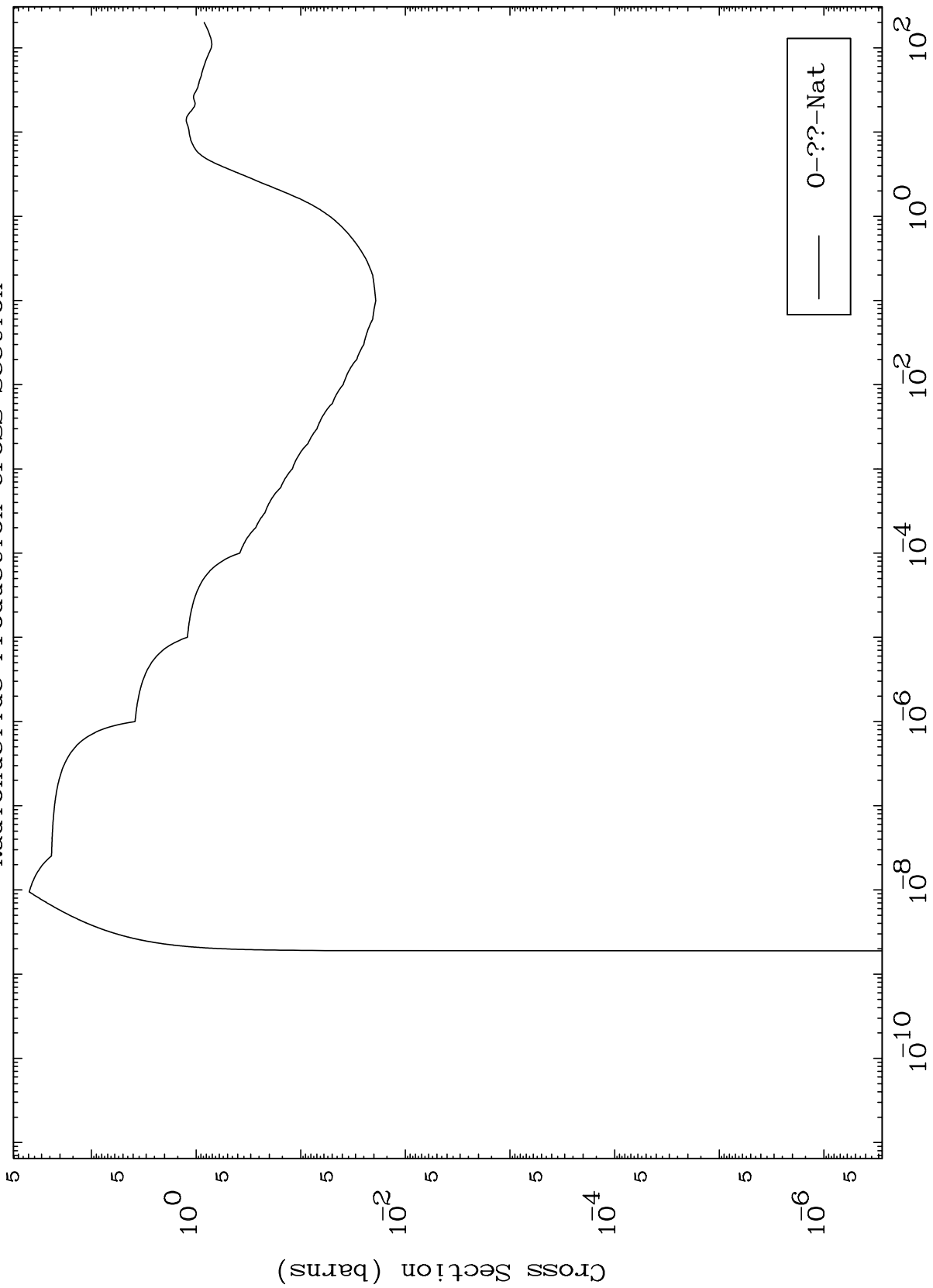
Radionuclide Production Cross Section



MAT 8282

83-Bi-194n

Fission
Radionuclide Production Cross Section

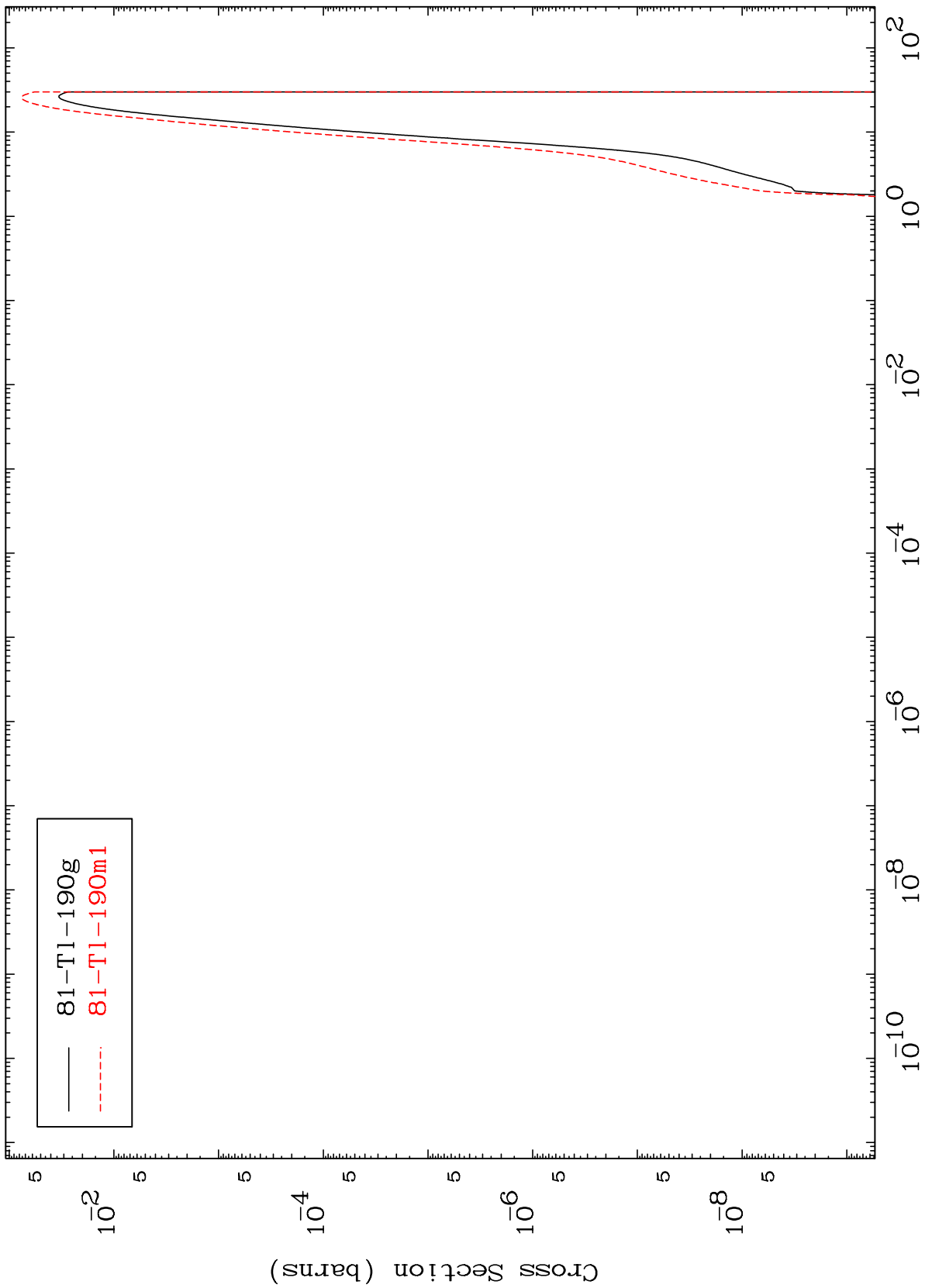


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$(n, n') \alpha$

$^{83}\text{Bi}-194\text{n}$

Radionuclide Production Cross Section

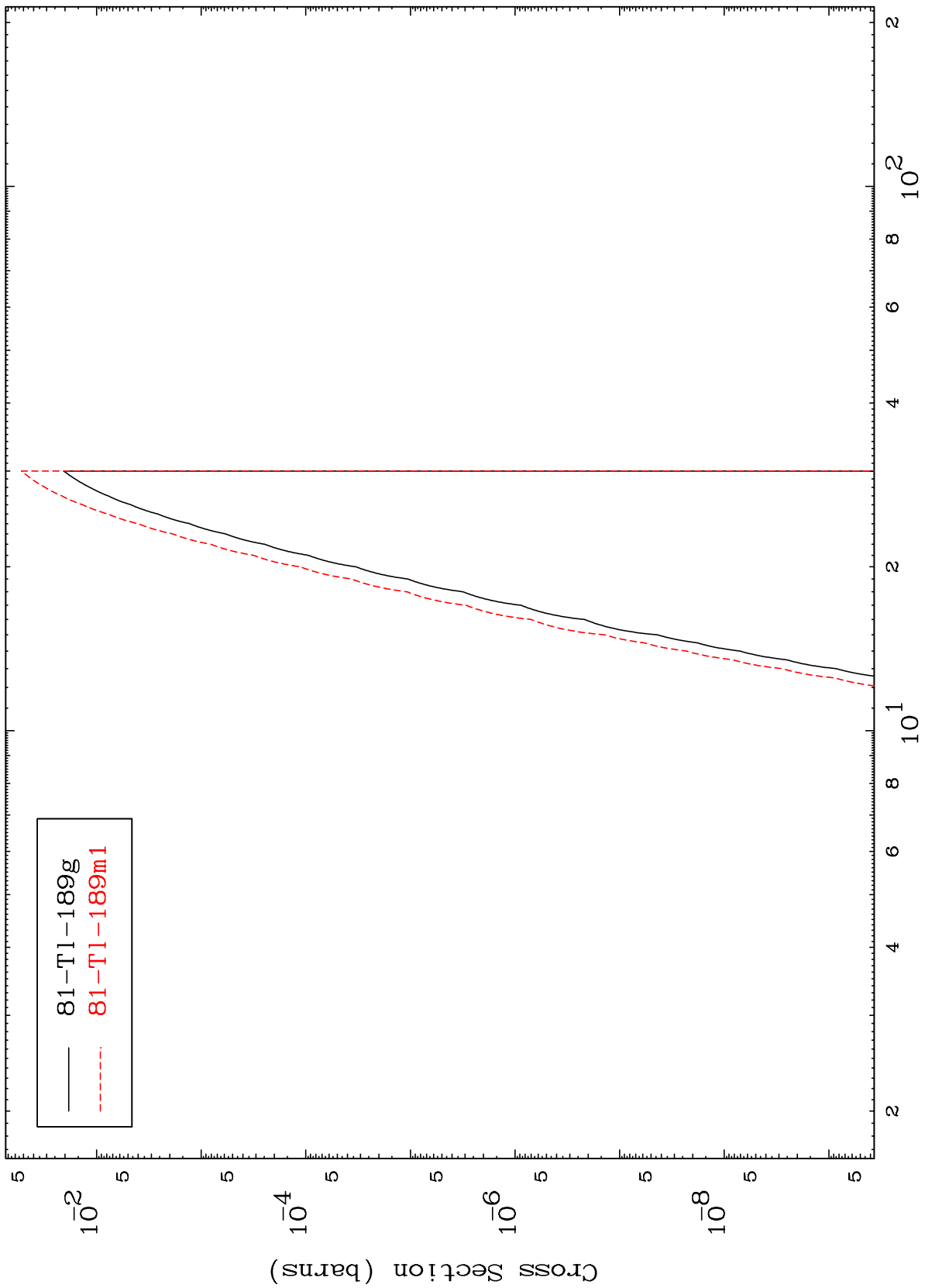


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$(n,2n) \alpha$

83-Bi-194n

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

25

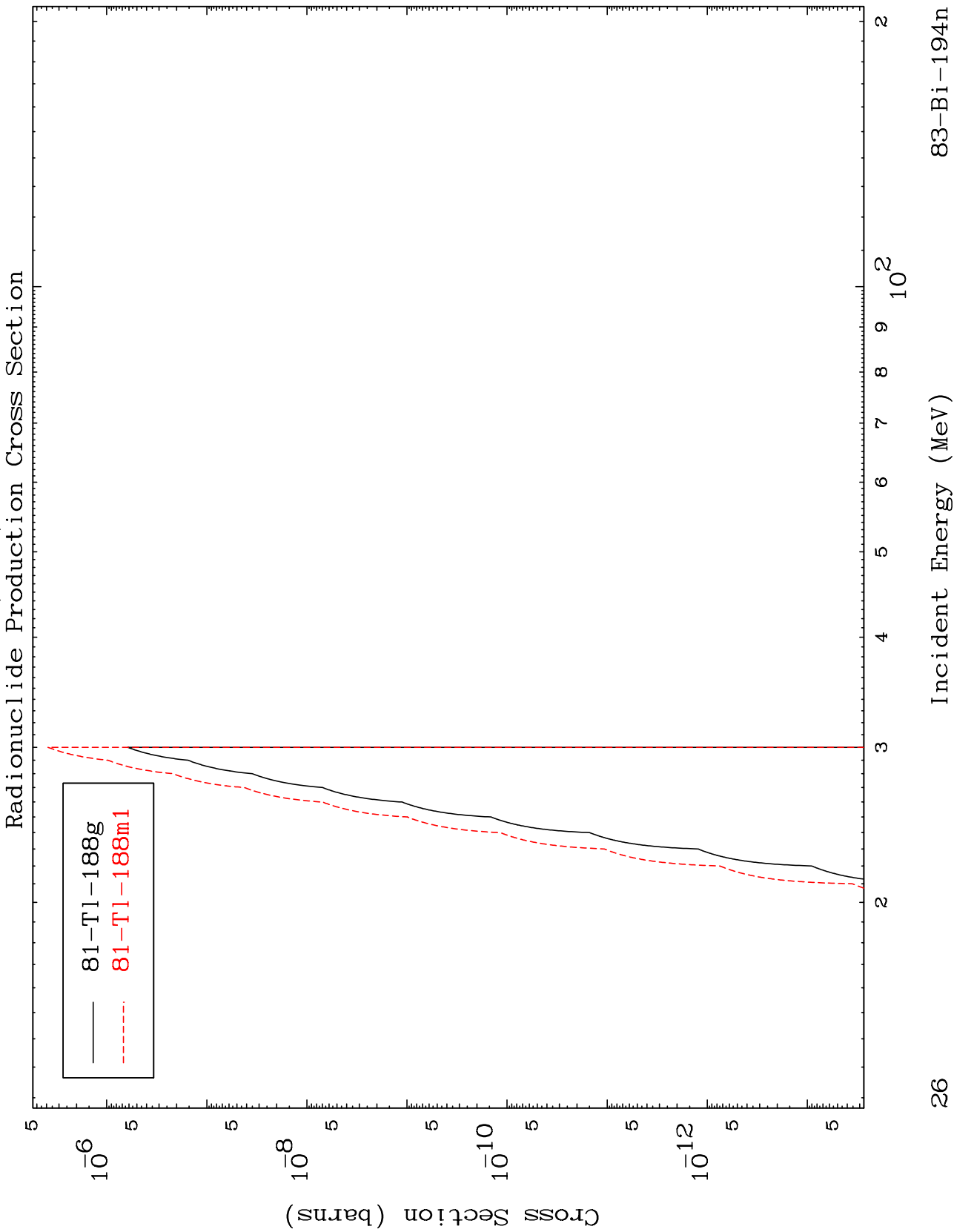
Incident Energy (MeV)

83-Bi-194n

MAT 8282

(n,3n) α

83-Bi-194n

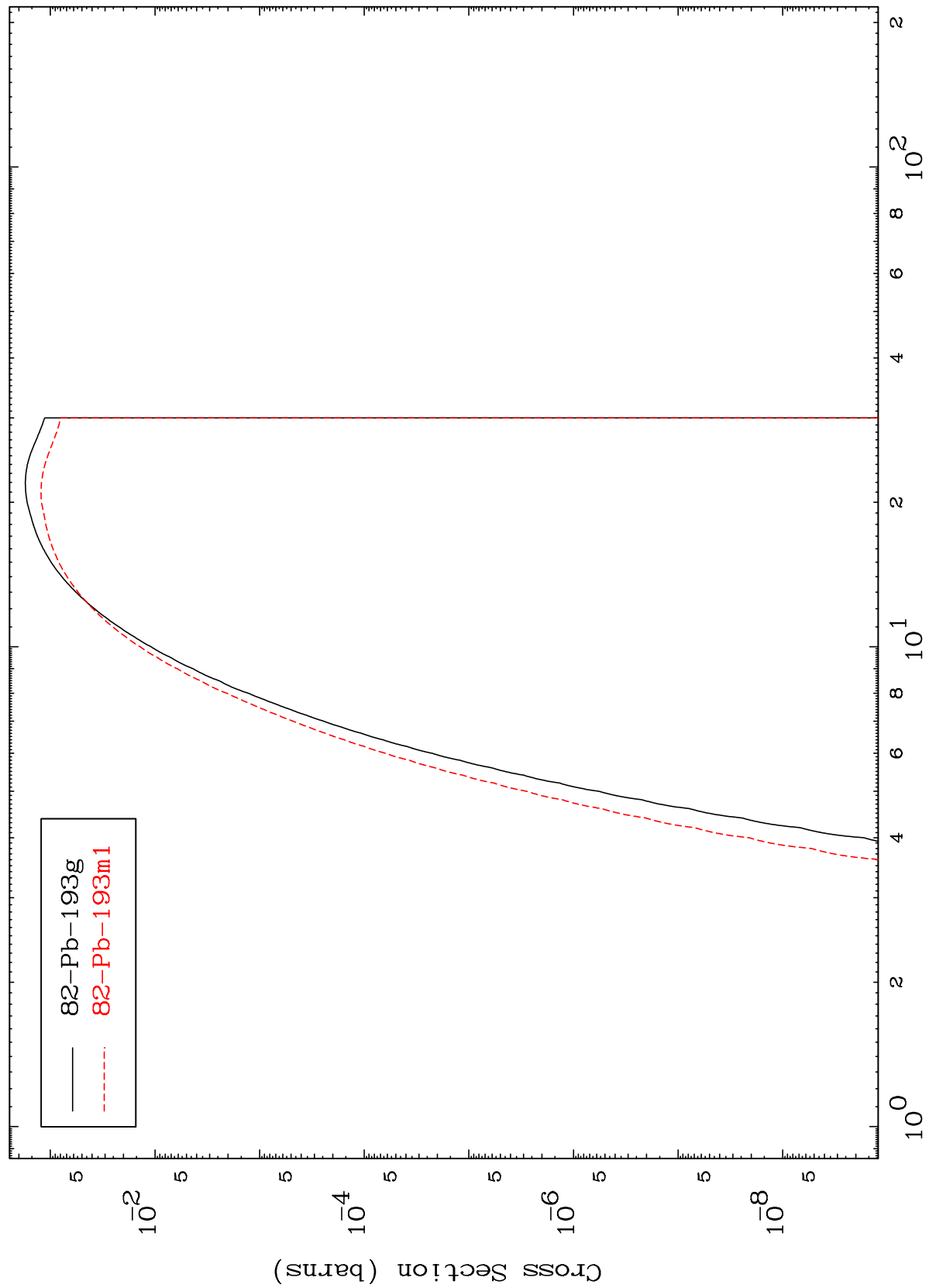


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(n,n') p

83-Bi-194n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

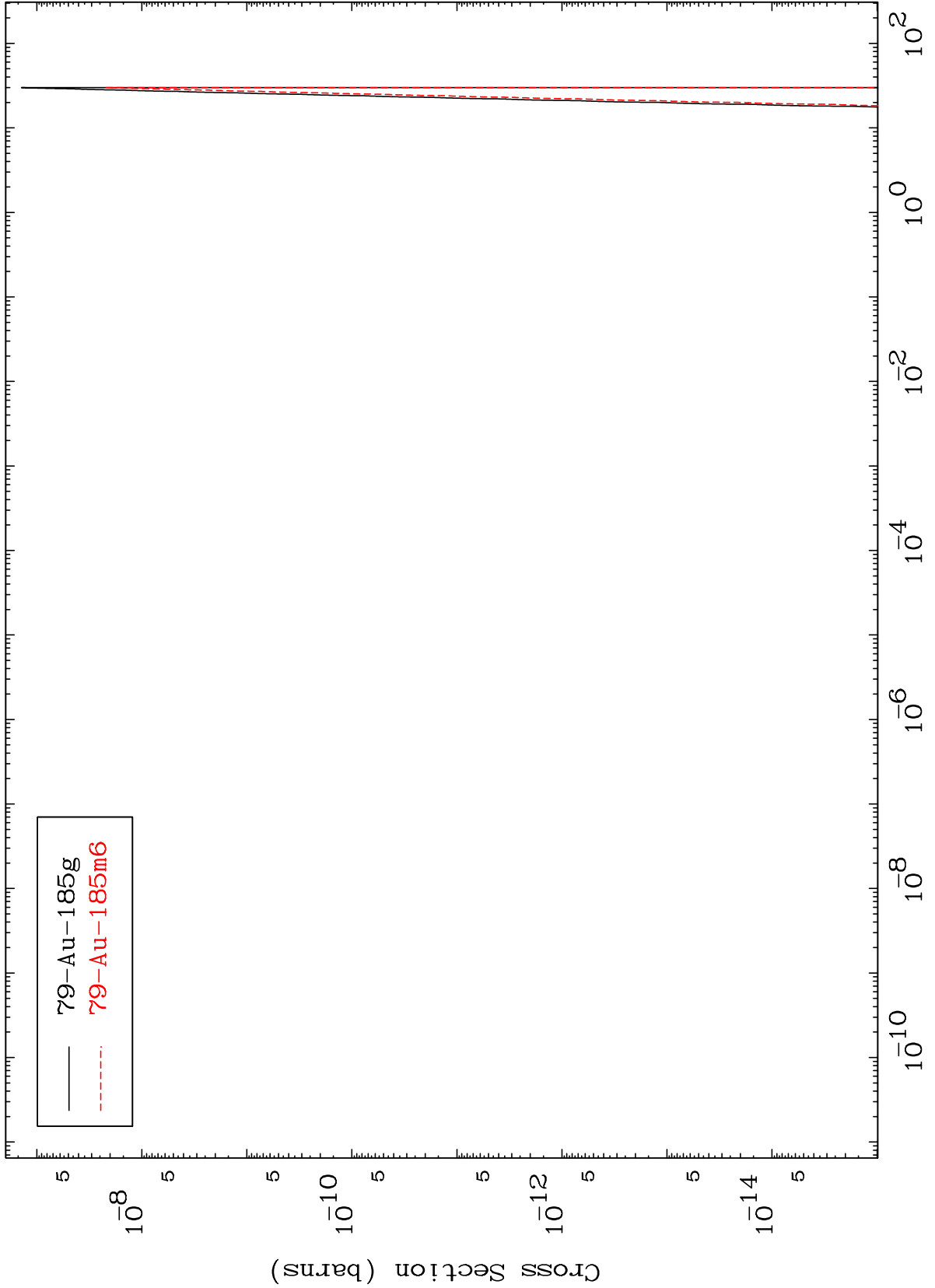
83-Bi-194n

MAT 8282

(n,2n) 2 α

83-Bi-194n

Radionuclide Production Cross Section

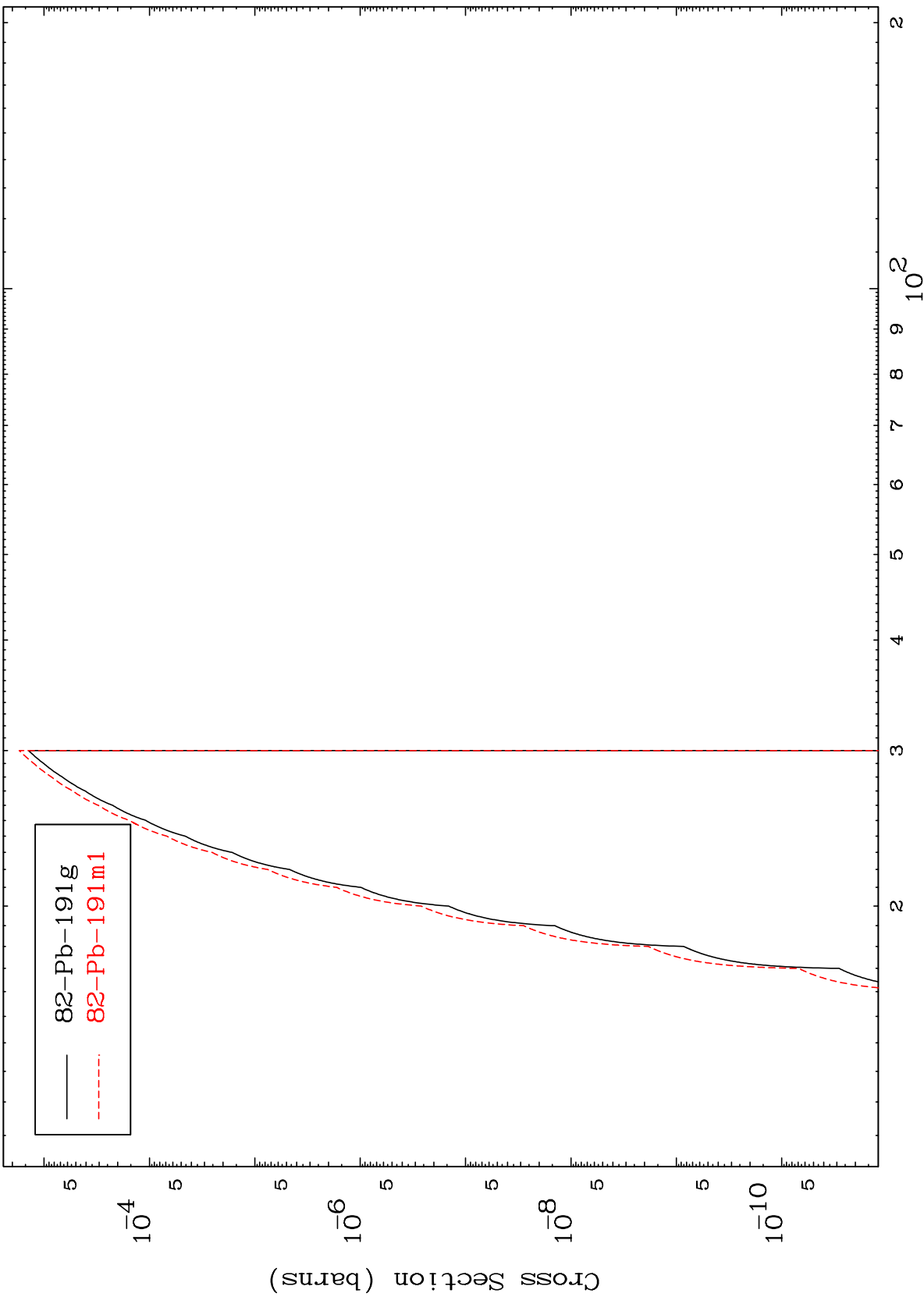


MAT 8282

(n,n') t

83-Bi-194n

Radionuclide Production Cross Section

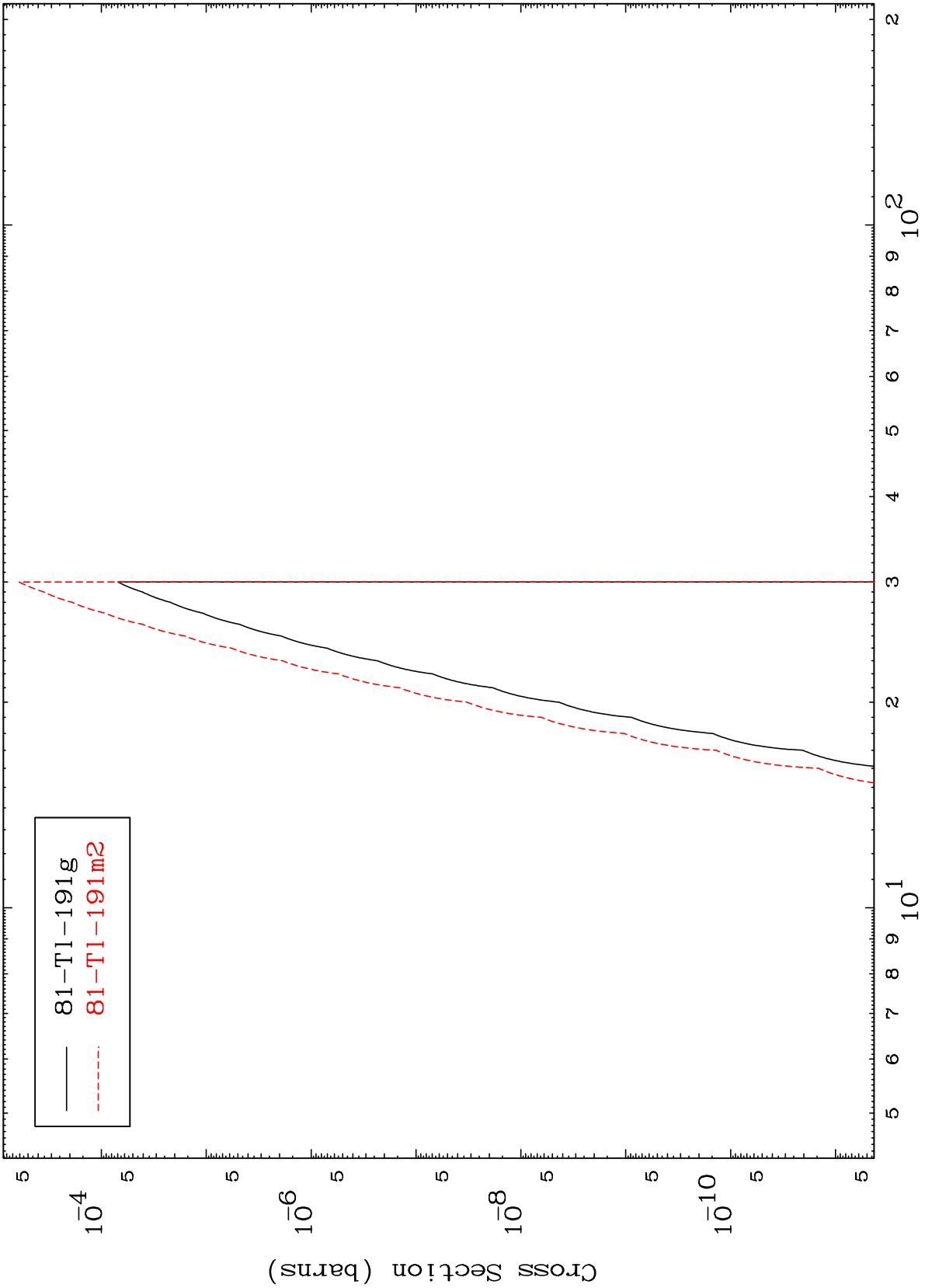


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(n,n') He-3

83-Bi-194n

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

Incident Energy (MeV)

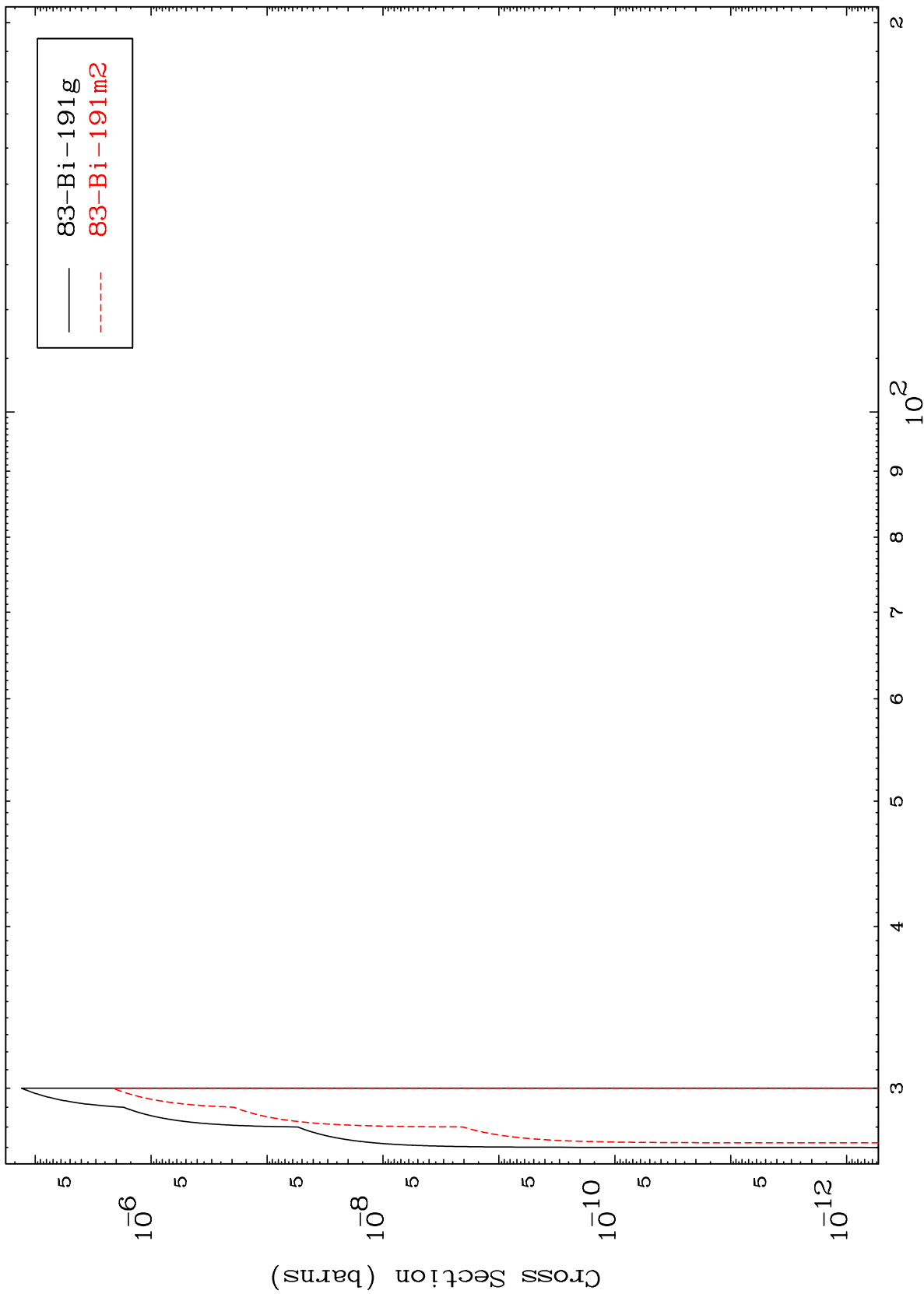
83-Bi-194n

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$^{83}\text{Bi}-194\text{n}$

$(n,4n)$
Radionuclide Production Cross Section

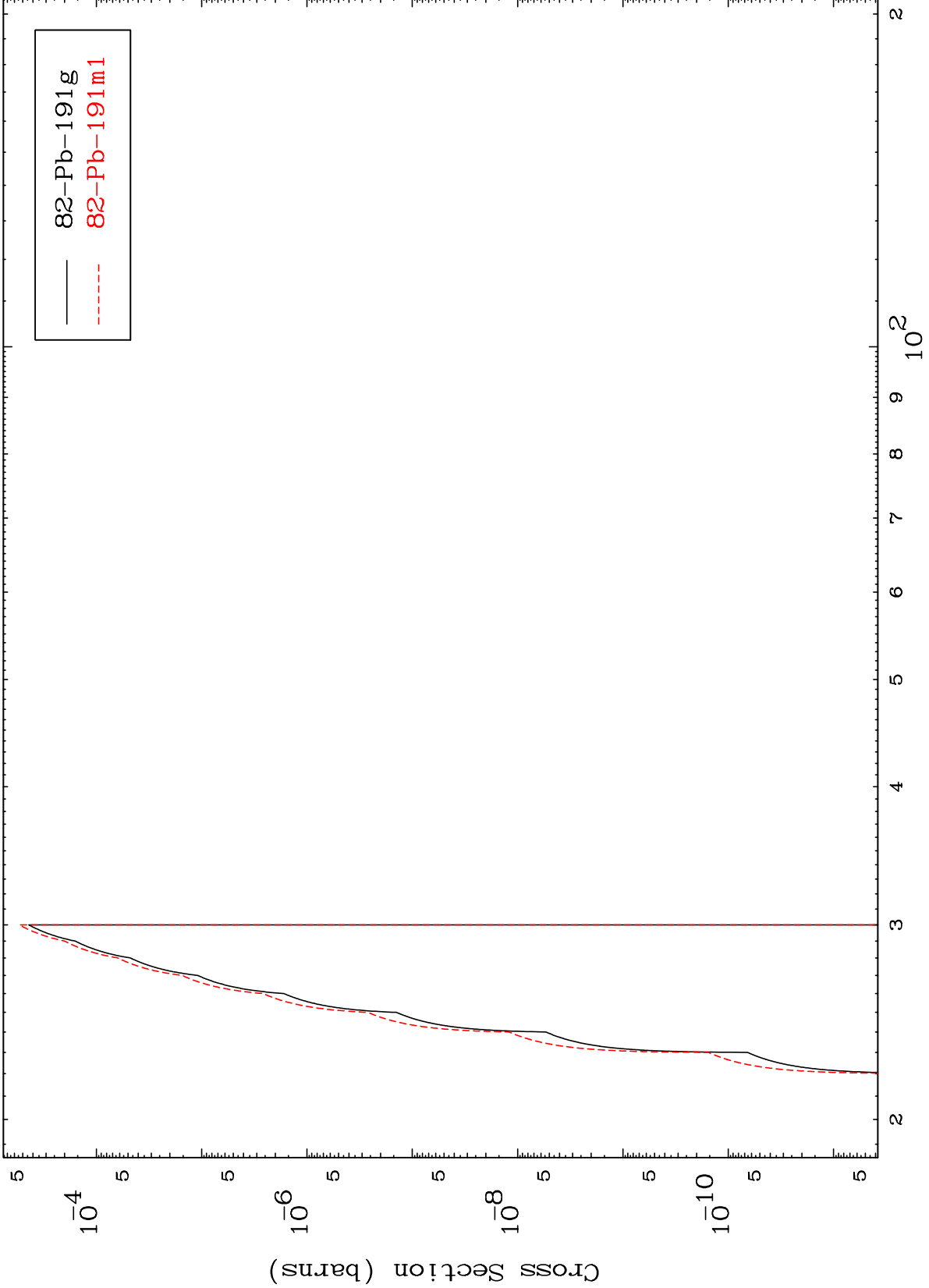


MAT 8282

(n,3n) p

83-Bi-194n

Radionuclide Production Cross Section



32

Incident Energy (MeV)

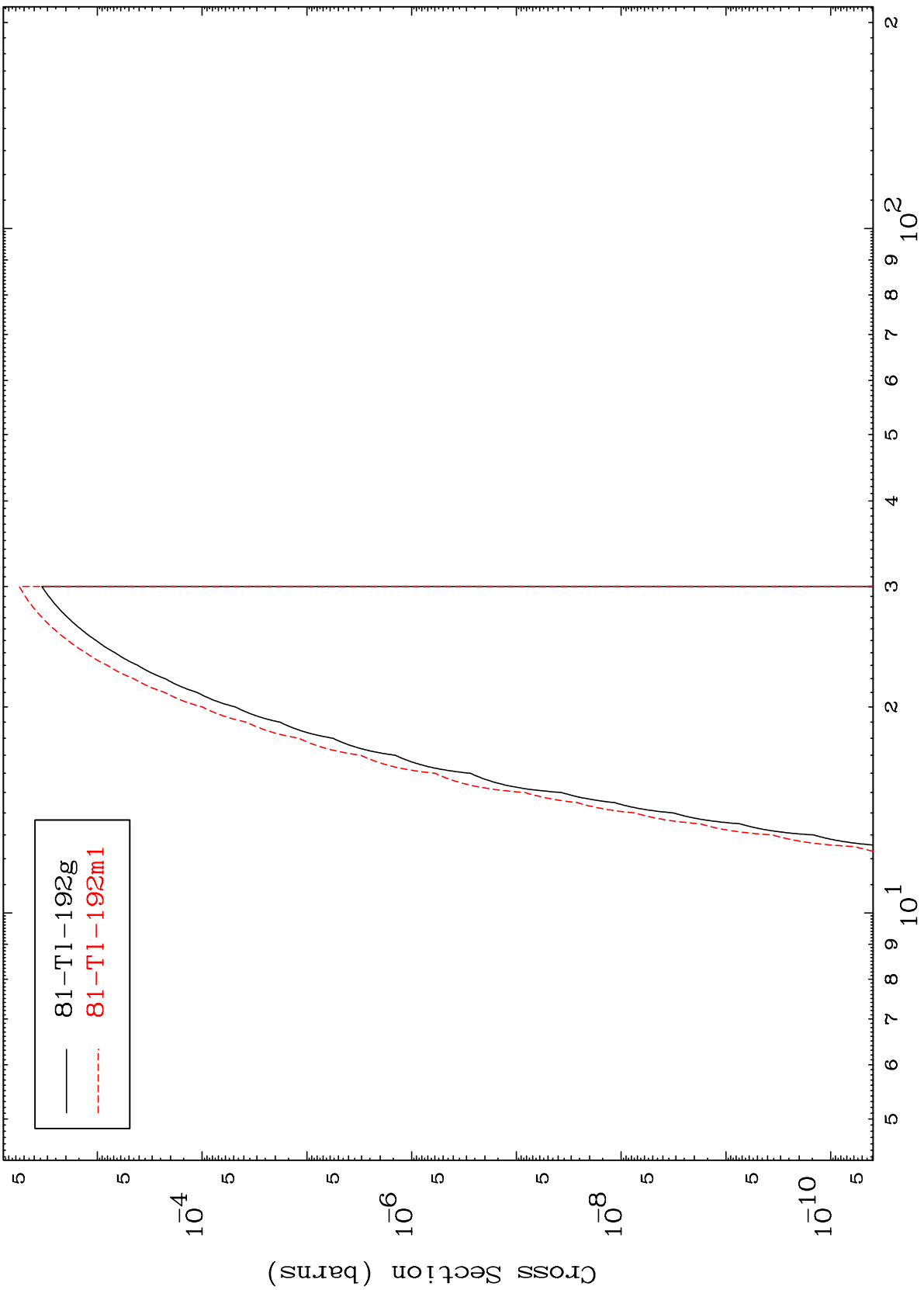
83-Bi-194n

MAT 8282

(n,2n) p

83-Bi-194n

Radionuclide Production Cross Section



33

Incident Energy (MeV)

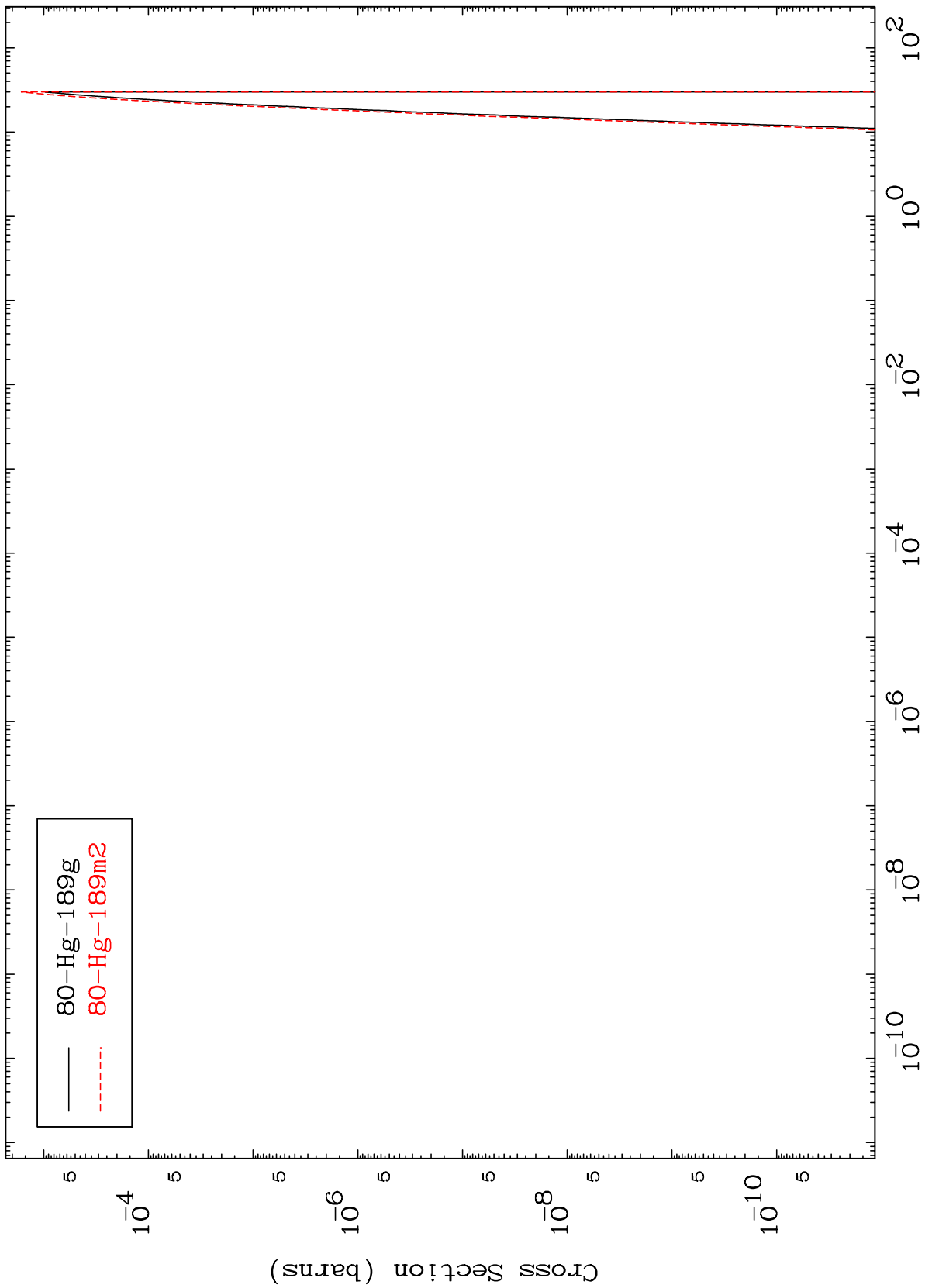
83-Bi-194n

MAT 8282

(n,n') p α

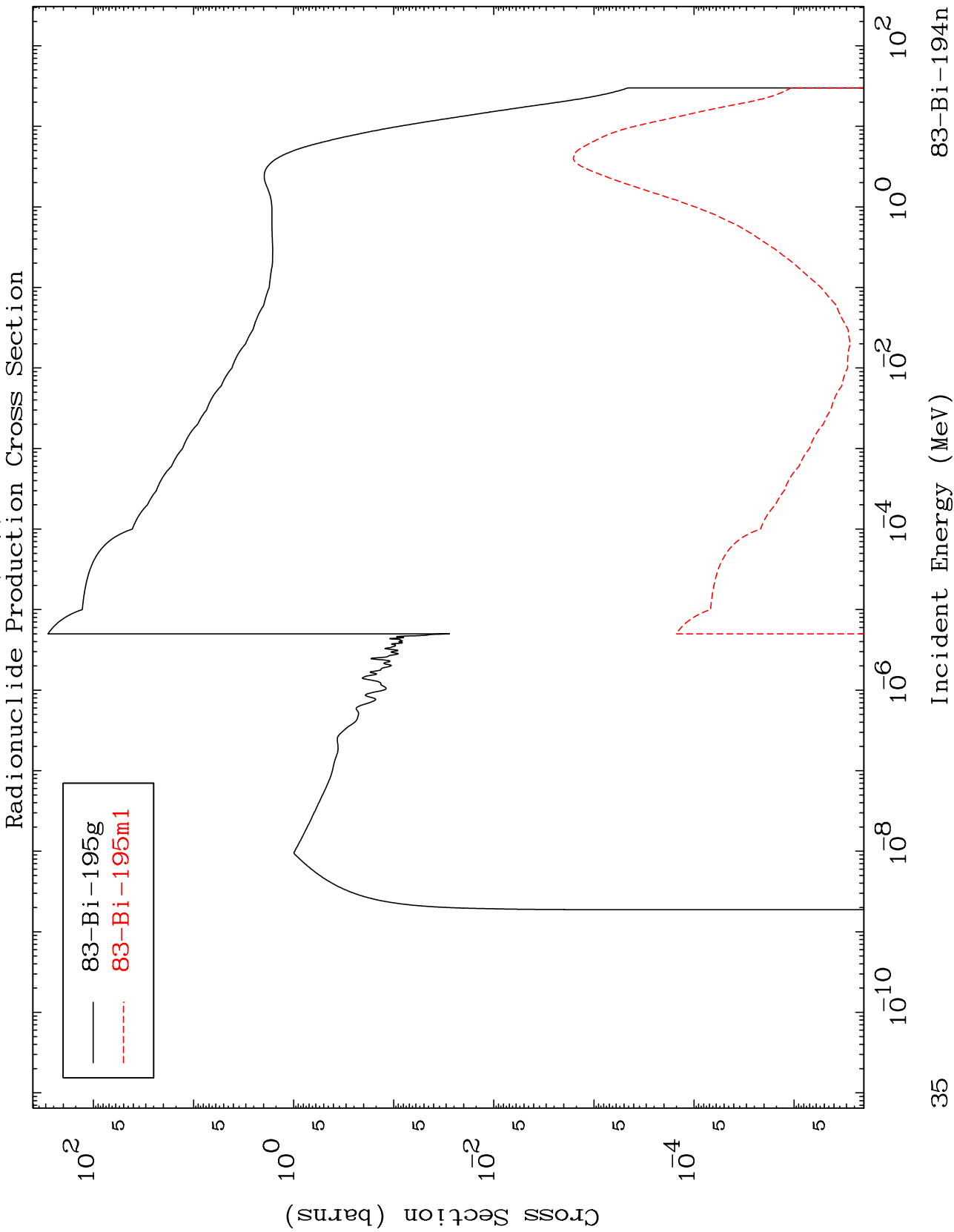
83-Bi-194n

Radionuclide Production Cross Section



MAT 8282

$^{83}\text{Bi}-194\text{n}$

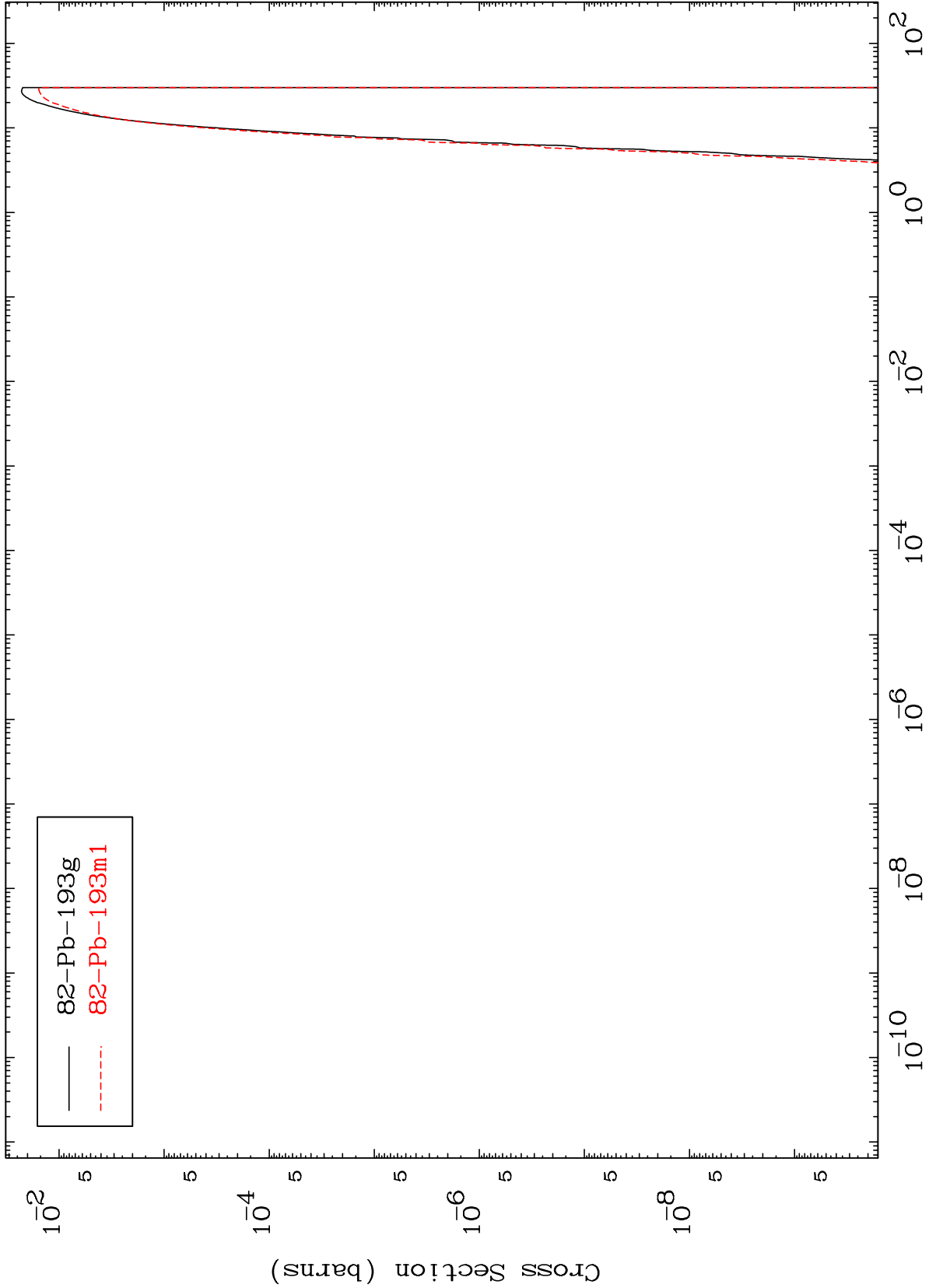


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(n,d)

83-Bi-194n

Radionuclide Production Cross Section

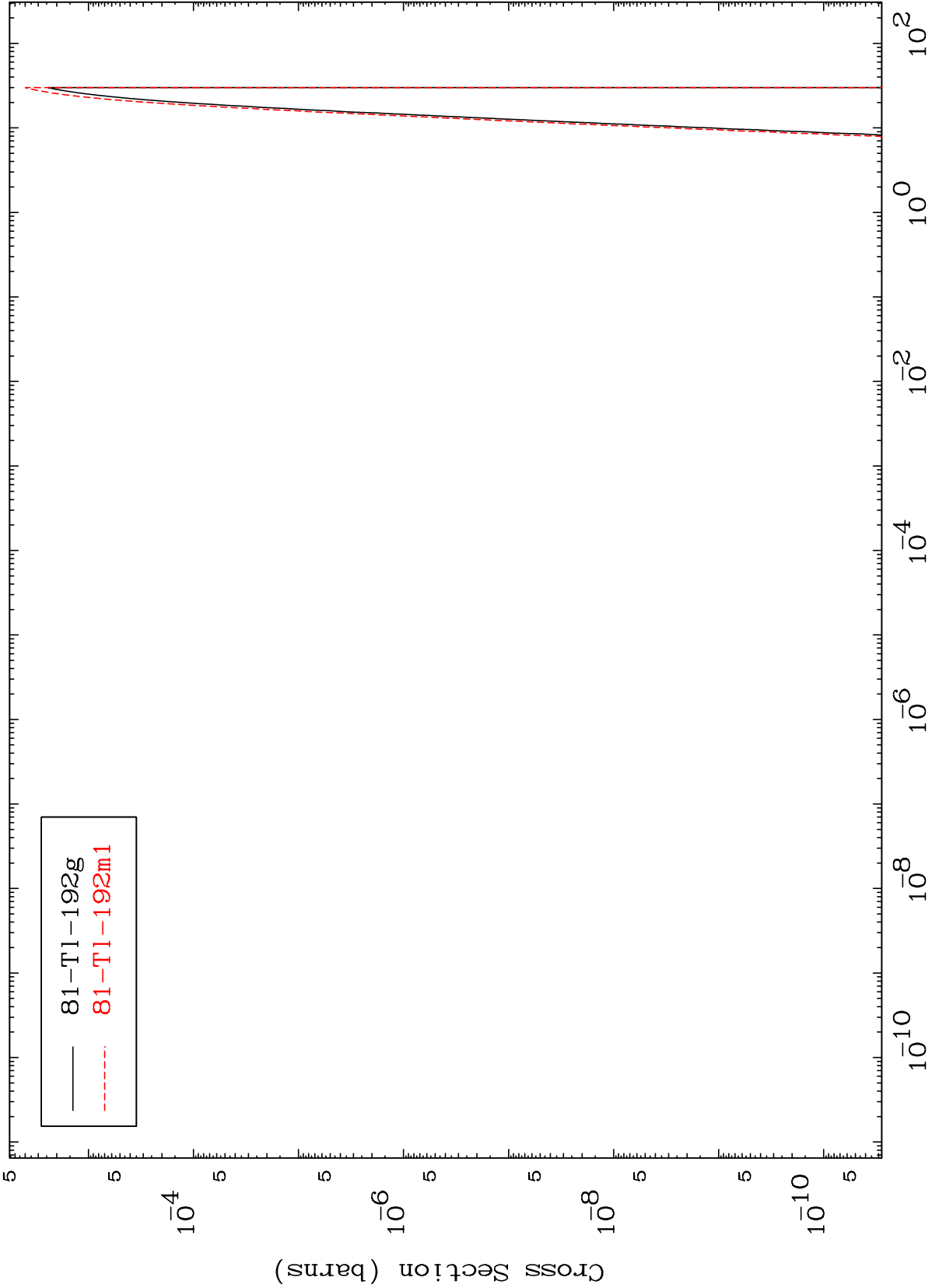


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(n,He-3)

83-Bi-194n

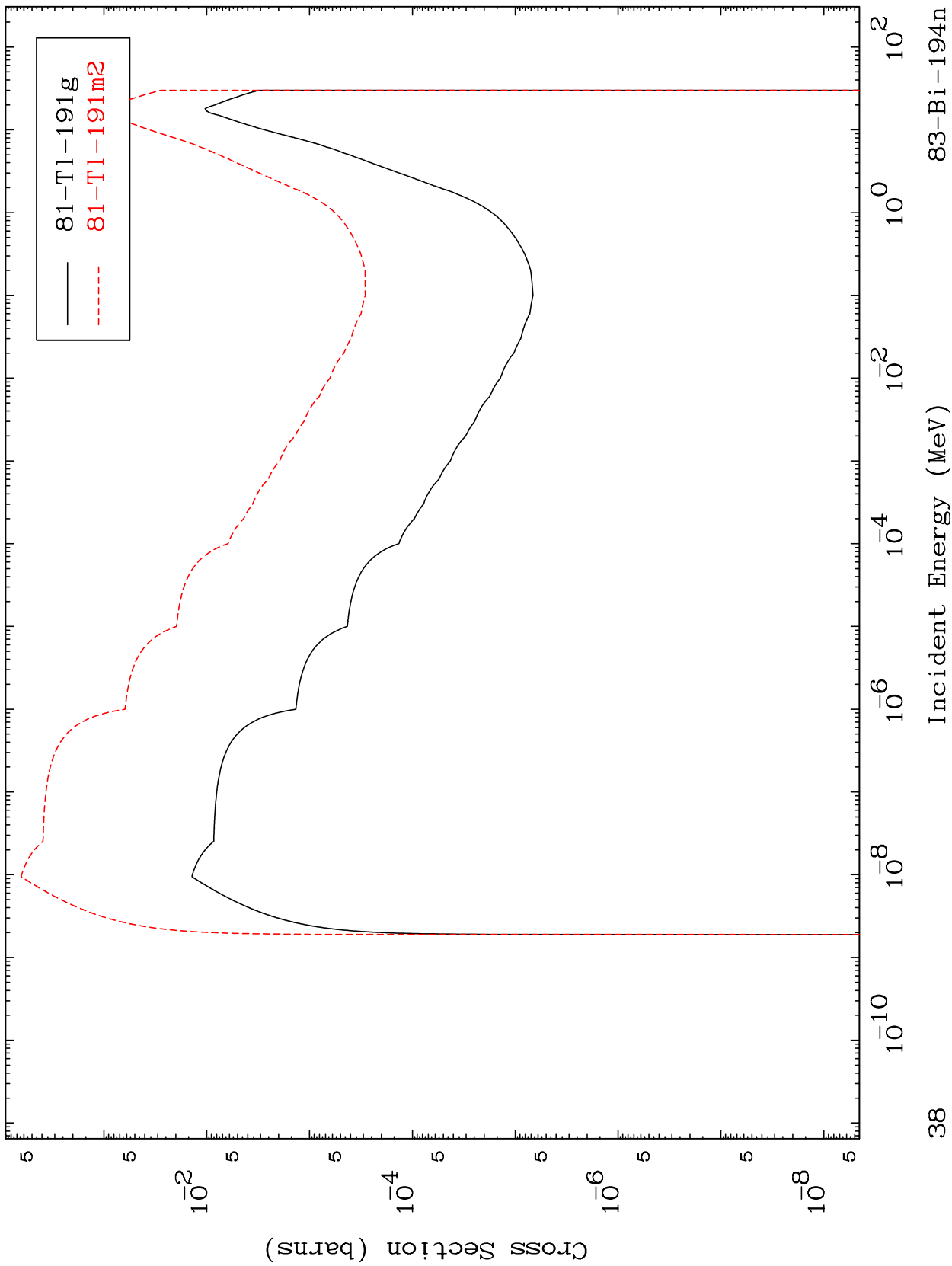
Radionuclide Production Cross Section



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83-Bi-194n

(n, α)
Radionuclide Production Cross Section



38

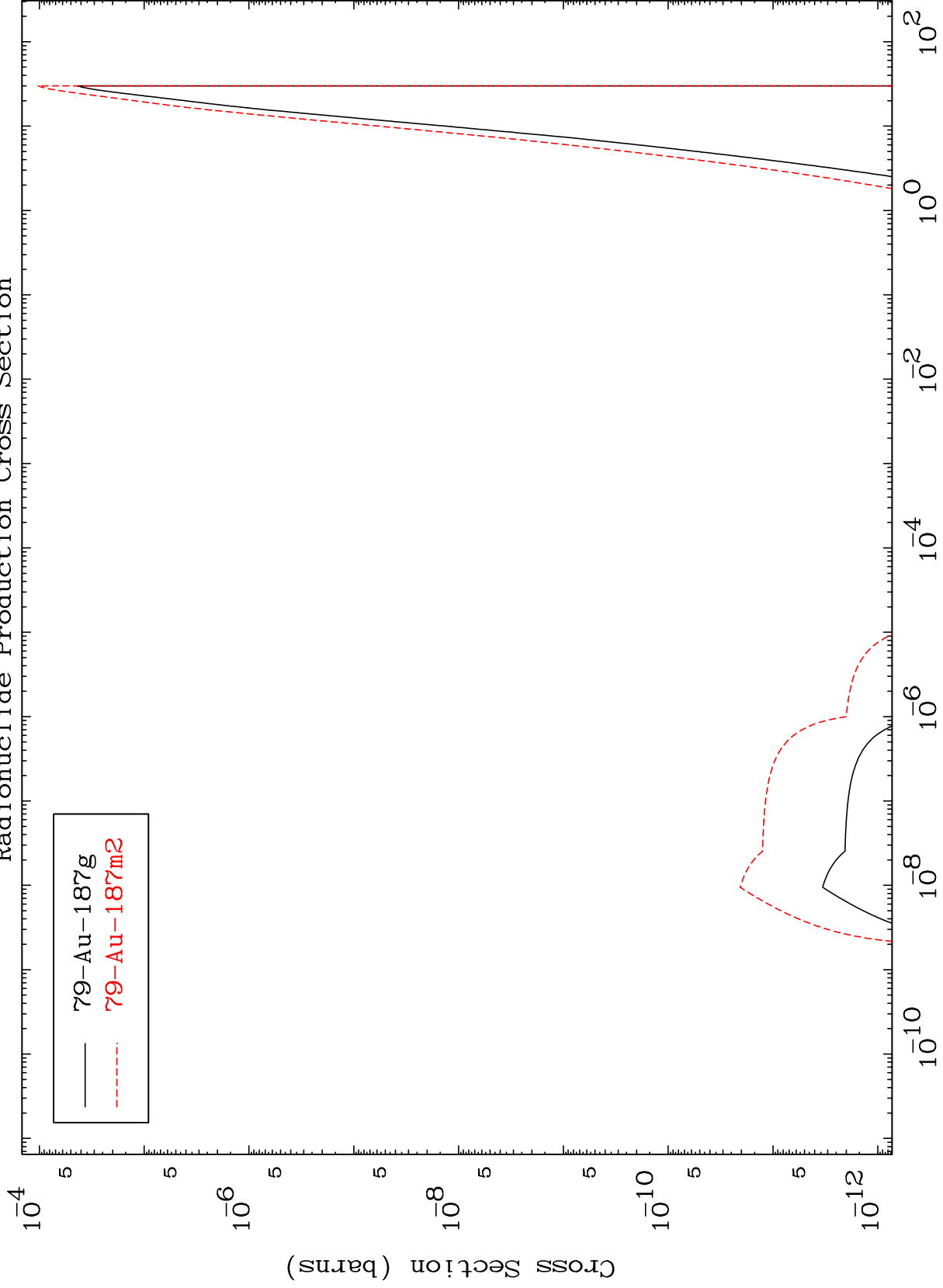
83-Bi-194n

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(n,2α)

83-Bi-194n

Radionuclide Production Cross Section



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Incident Energy (MeV)

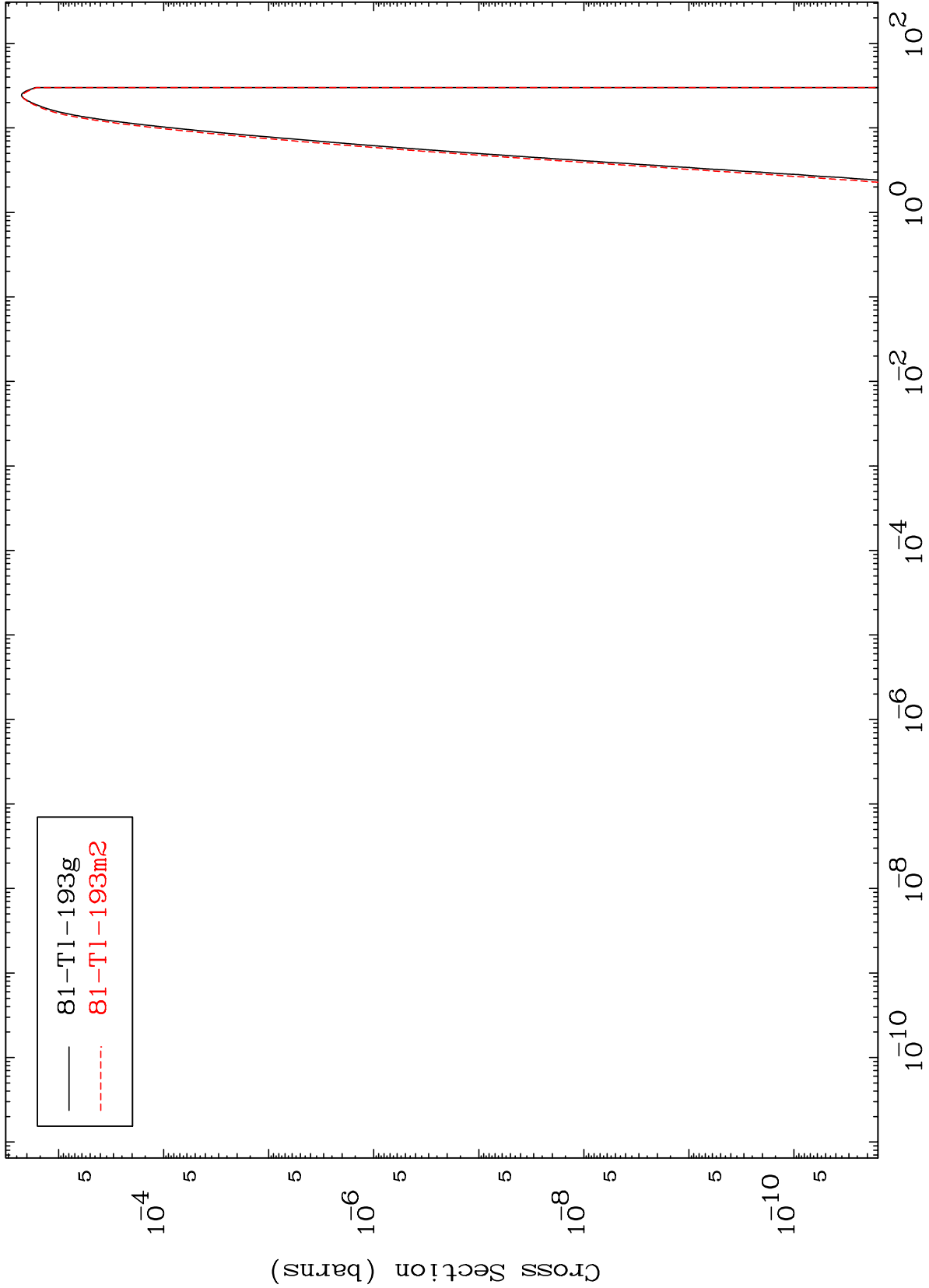
83-Bi-194n

MAT 8282

(n,2p)

83-Bi-194n

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

Incident Energy (MeV)

83-Bi-194n

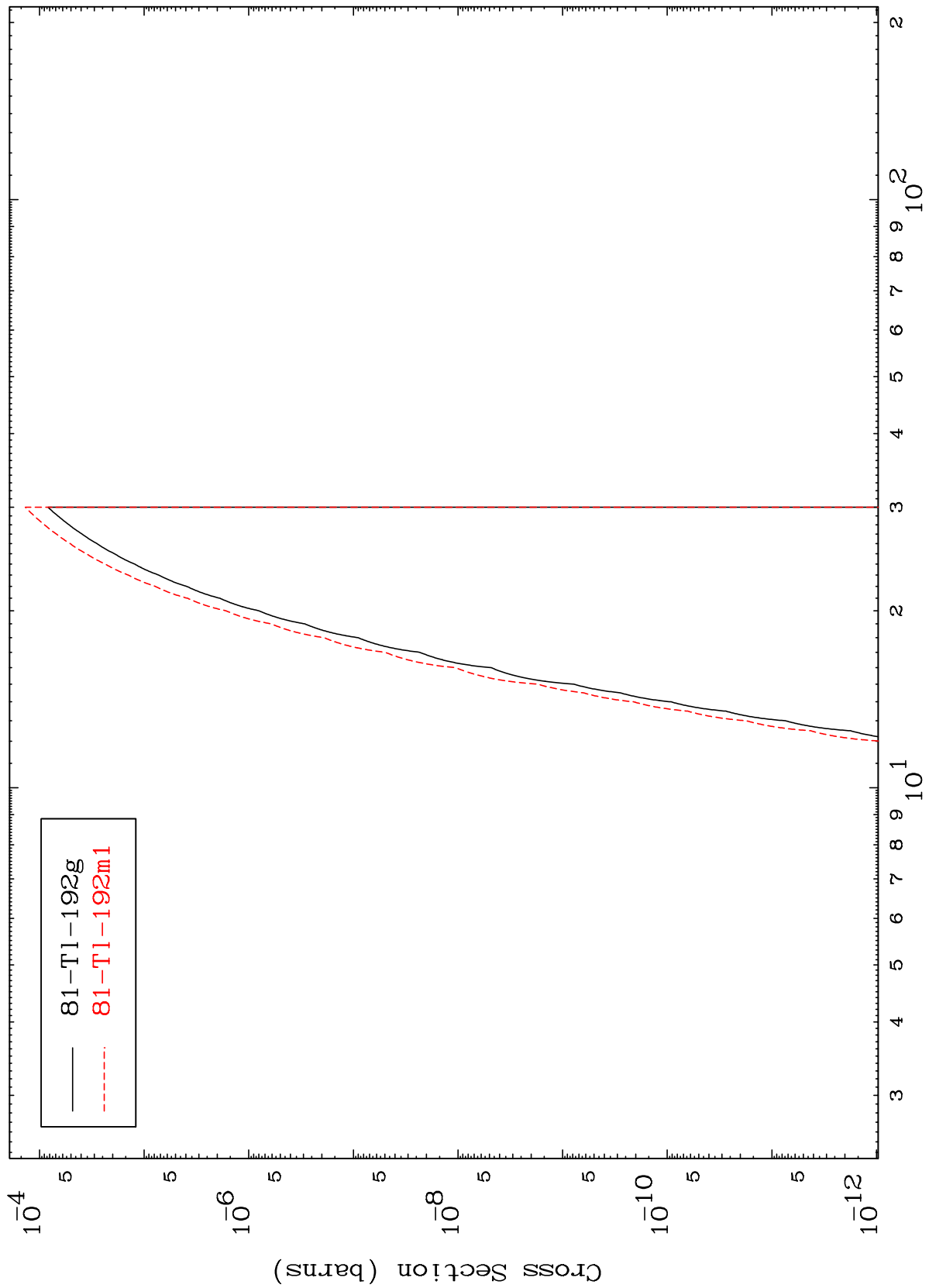
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MAT 8282

(n,p) d

83-Bi-194n

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

Incident Energy (MeV)

83-Bi-194n

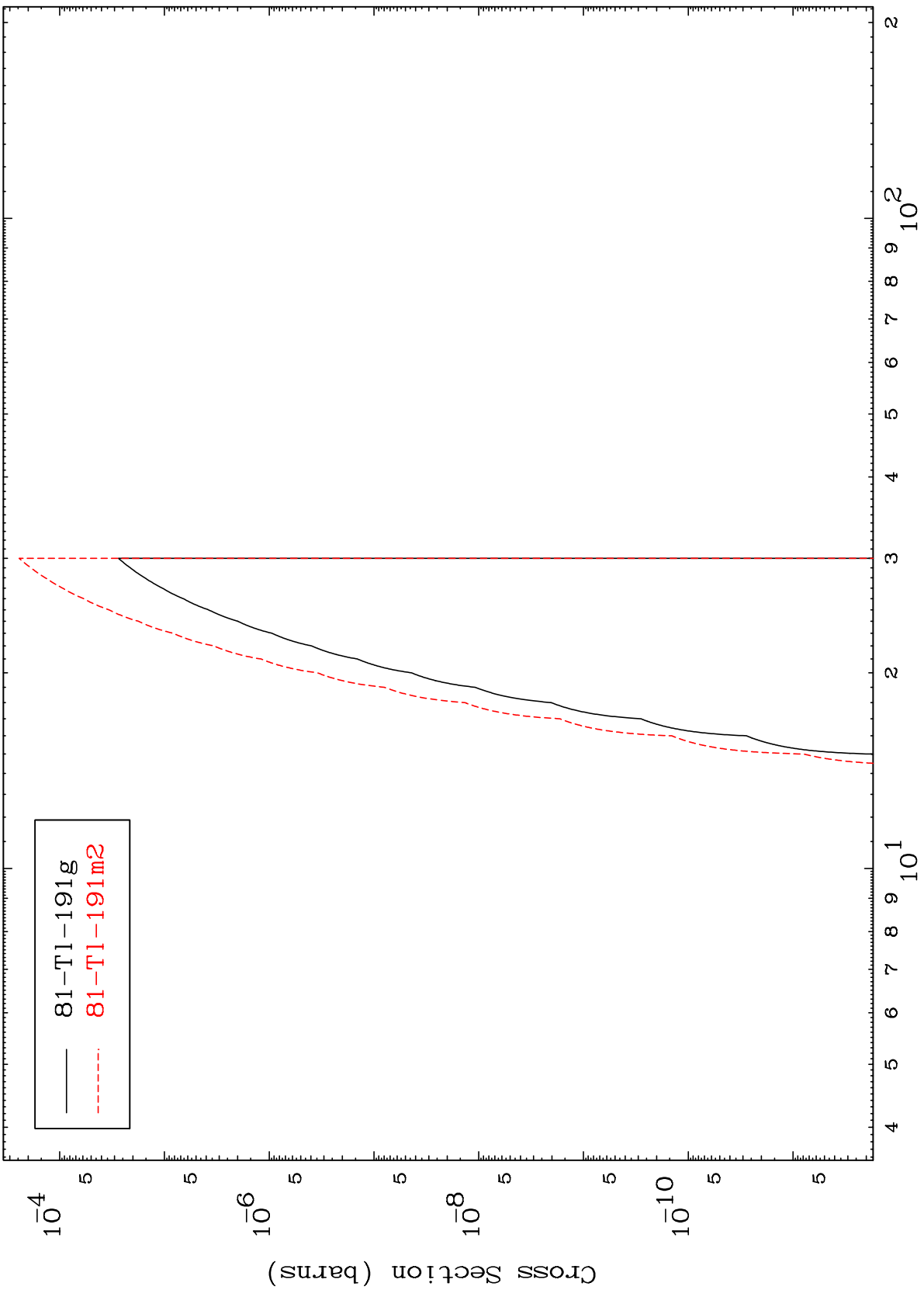
41

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(n,p) t

83-Bi-194n

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-194n

42

MAT 8282

(n,d) α

83-Bi-194n

Radionuclide Production Cross Section

