

Program EVALPLOT
(Version 2018-1)

by

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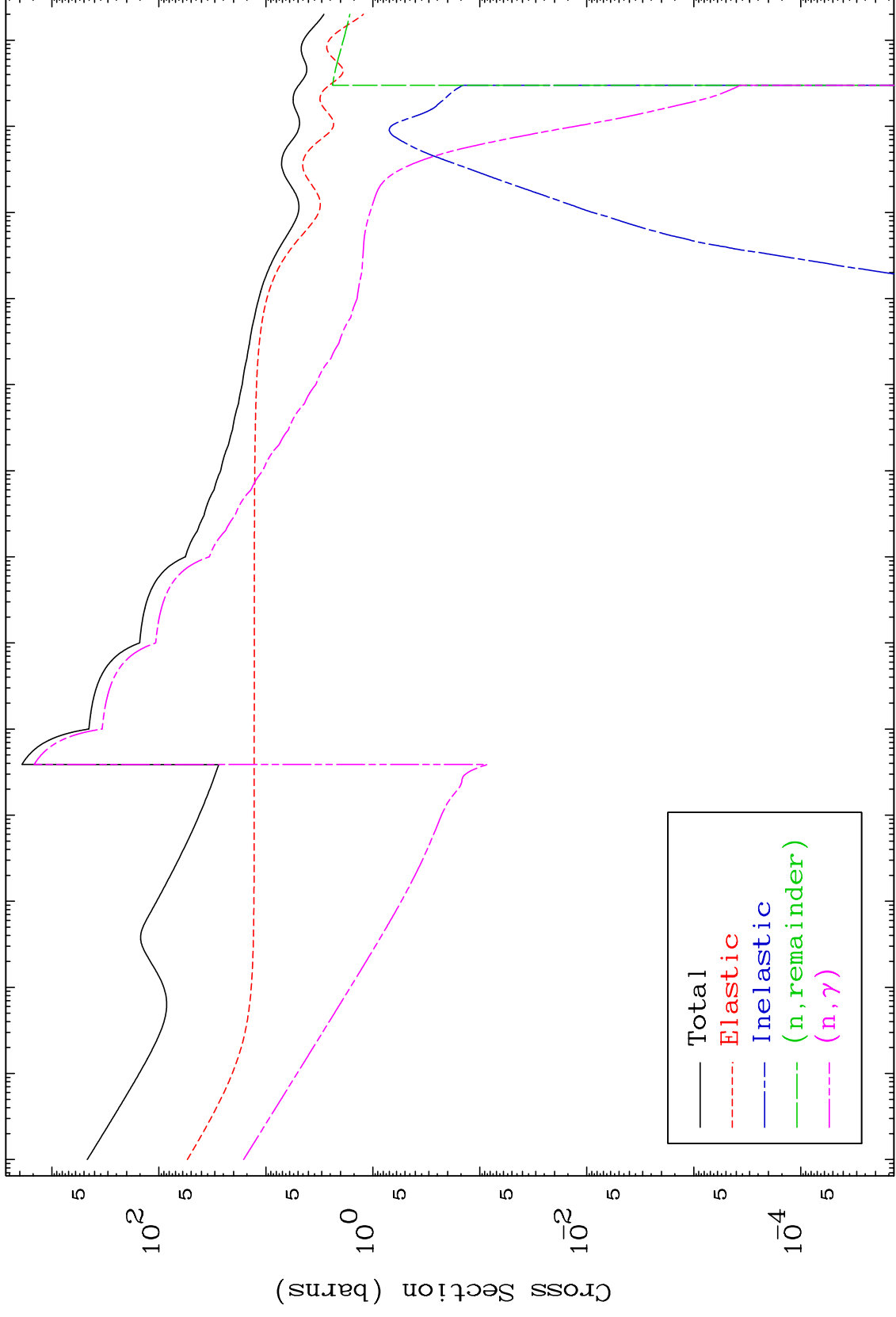
Press Mouse Button to Start

MAT 8275

Major

293 Kelvin Cross Sections

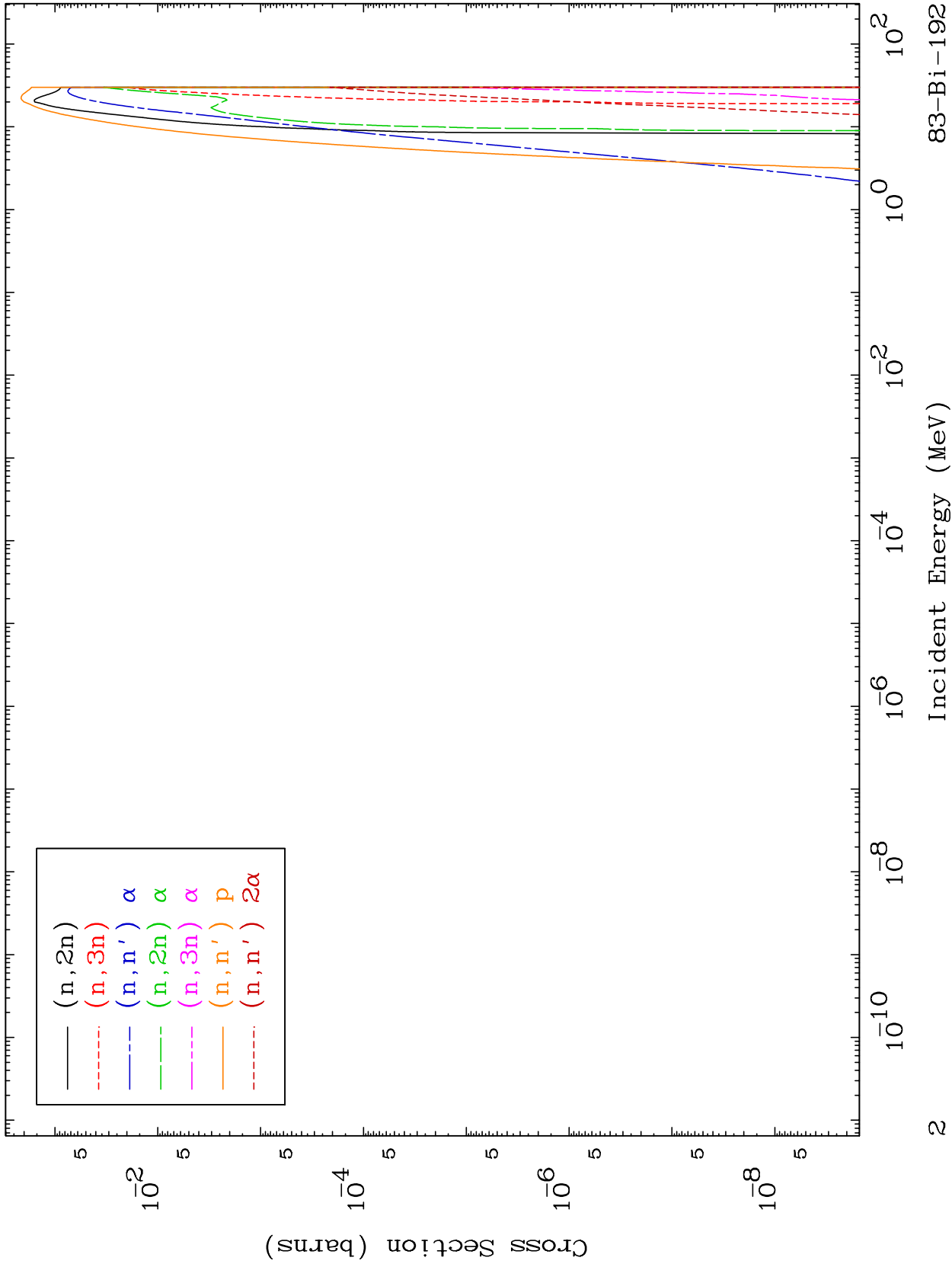
83-Bi-192



MAT 8275

Neutron Production
293 Kelvin Cross Sections

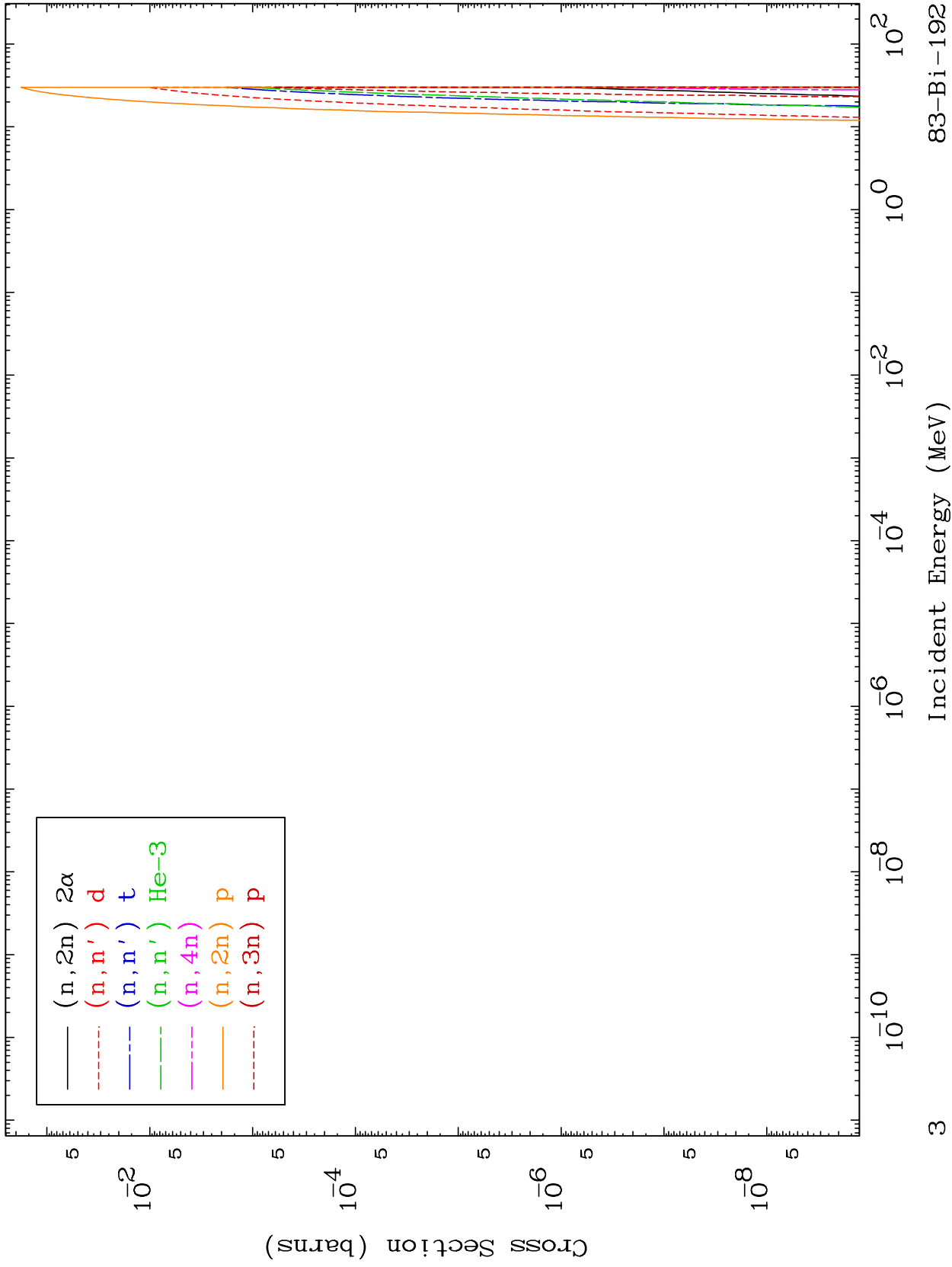
83-Bi-192



MAT 8275

Neutron Production
293 Kelvin Cross Sections

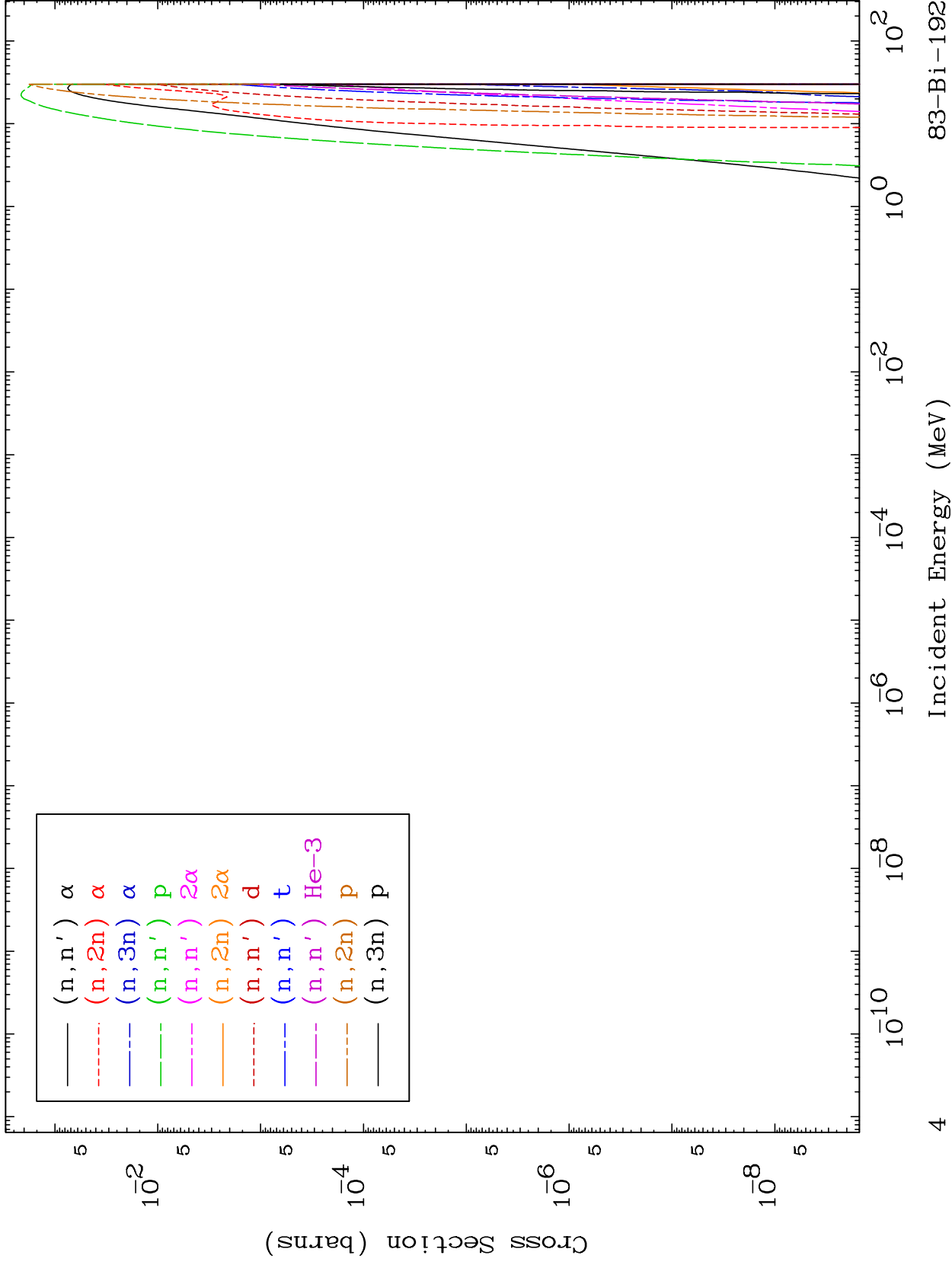
83-Bi-192



MAT 8275

Charged Particle
293 Kelvin Cross Sections

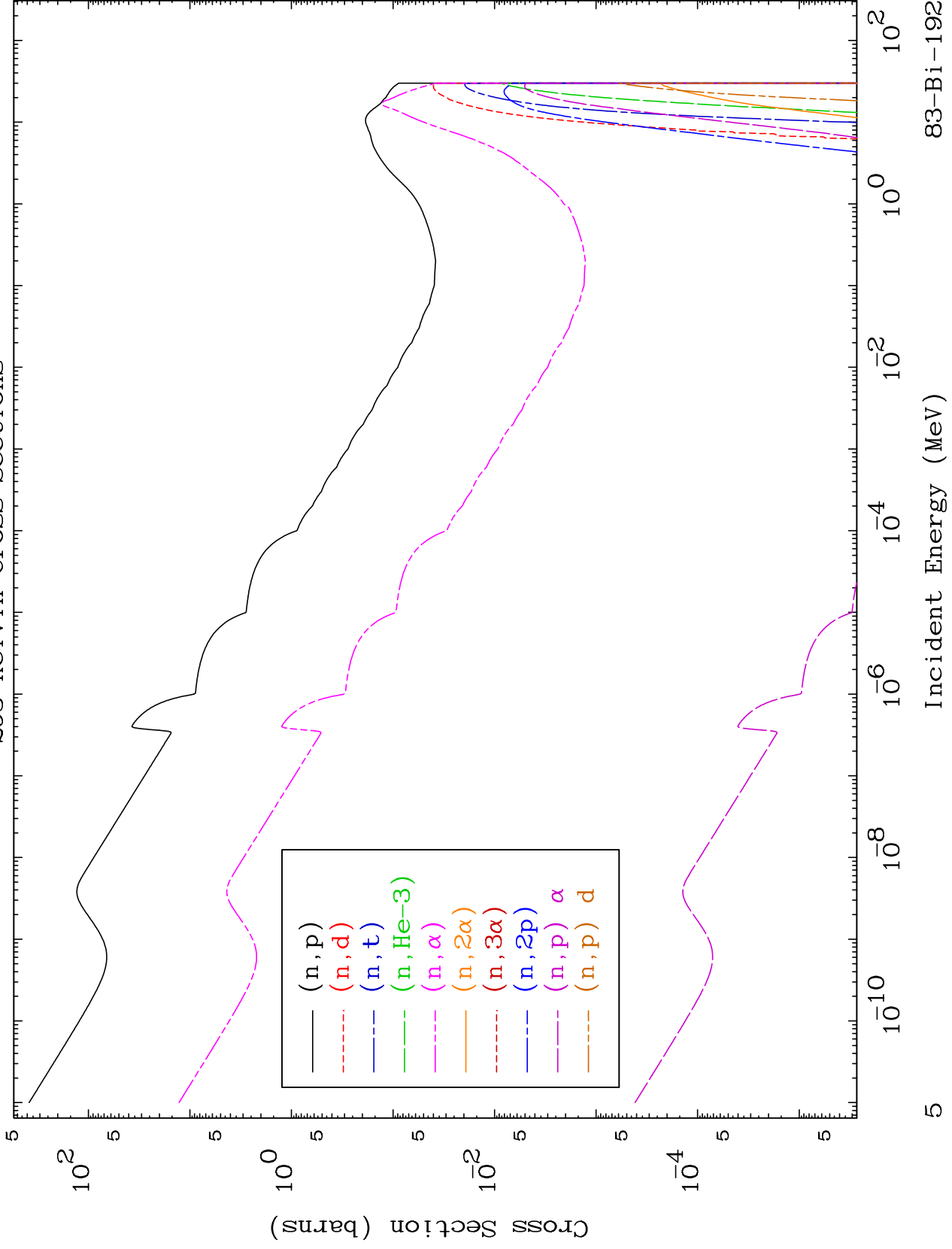
83-Bi-192



MAT 8275

Charged Particle
293 Kelvin Cross Sections

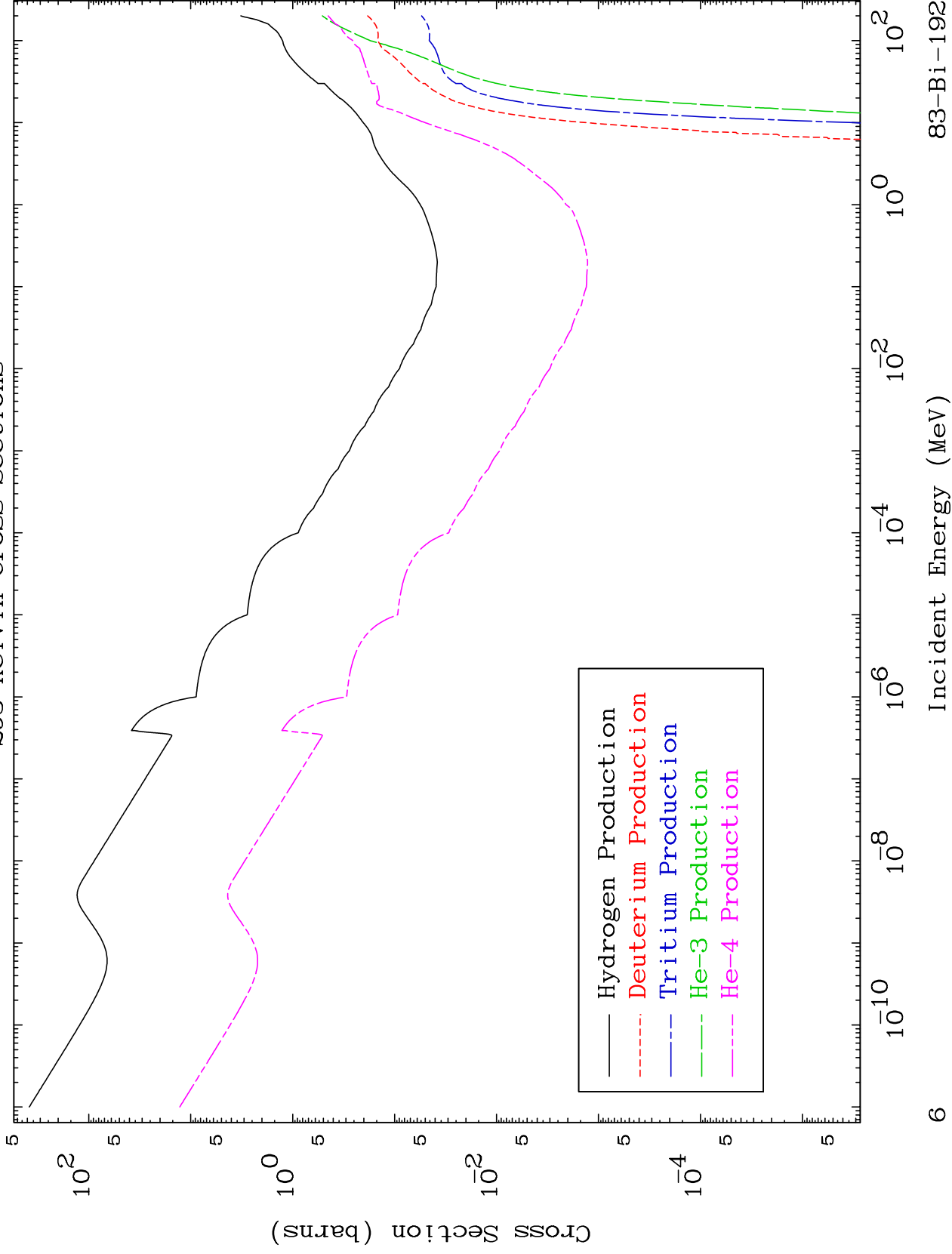
83-Bi-192



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Particle Production
293 Kelvin Cross Sections

83-Bi-192

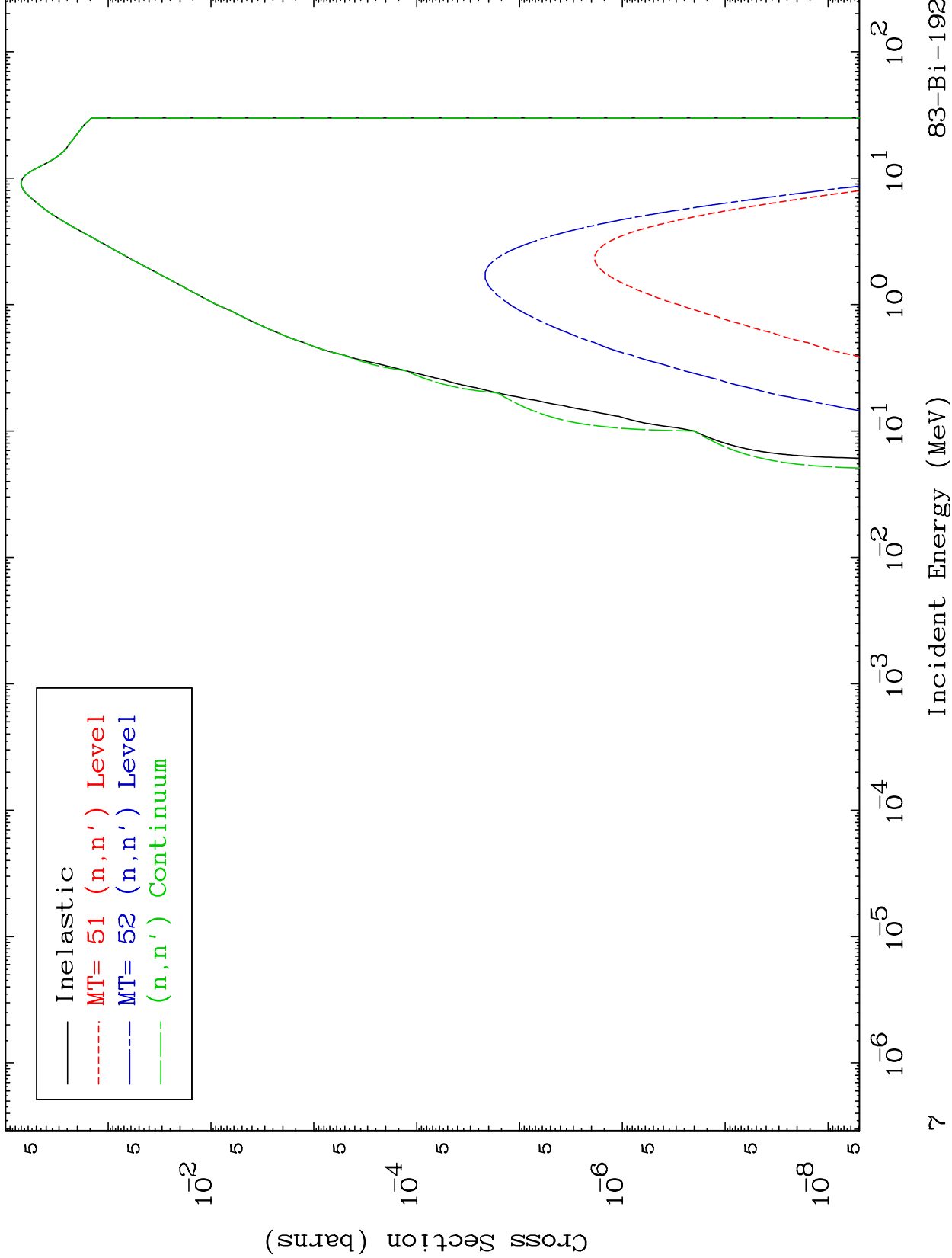


MAT 8275

(n,n') Level

83-Bi-192

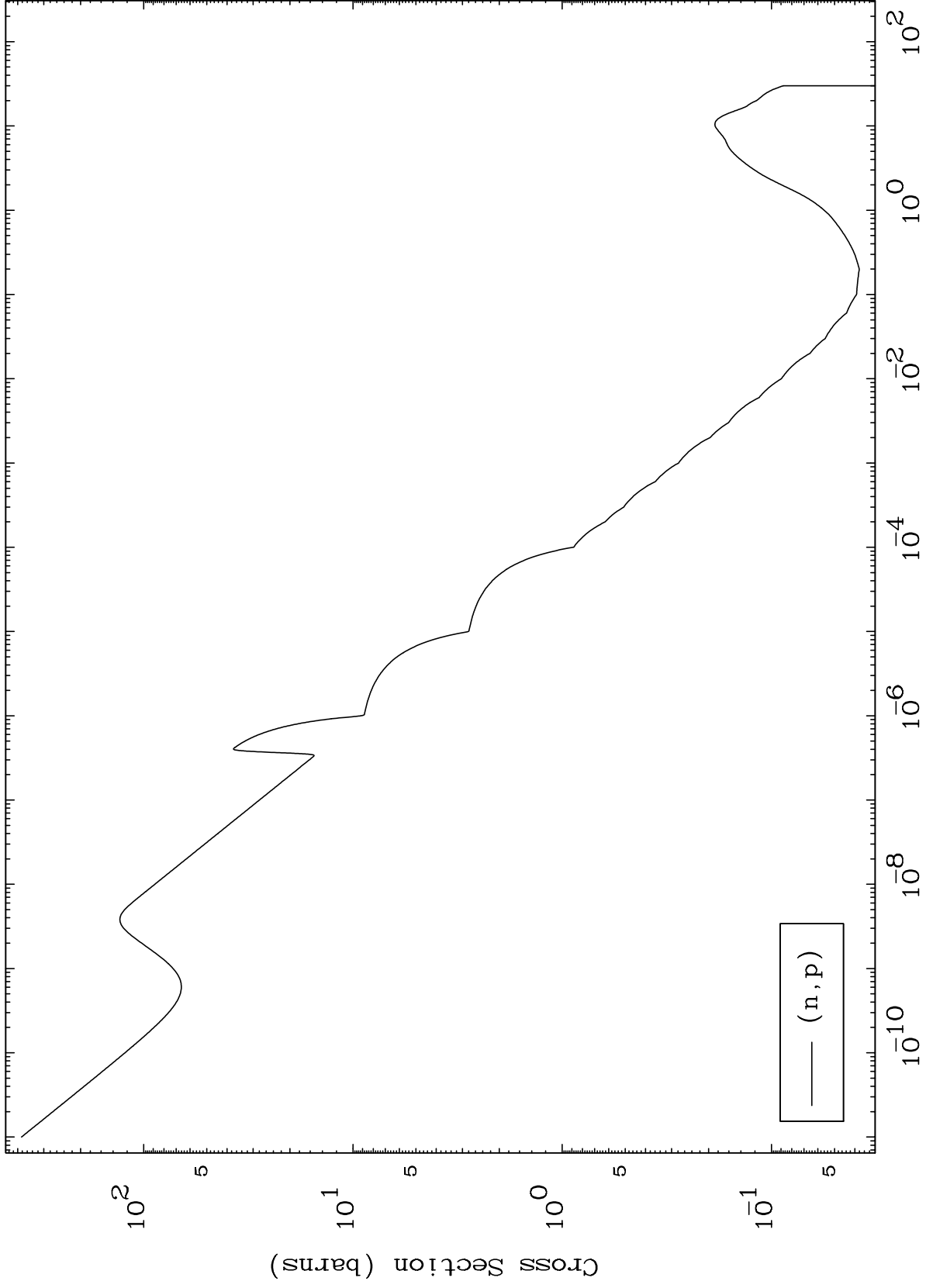
293 Kelvin Cross Sections



MAT 8275

(n,p) Levels
293 Kelvin Cross Sections

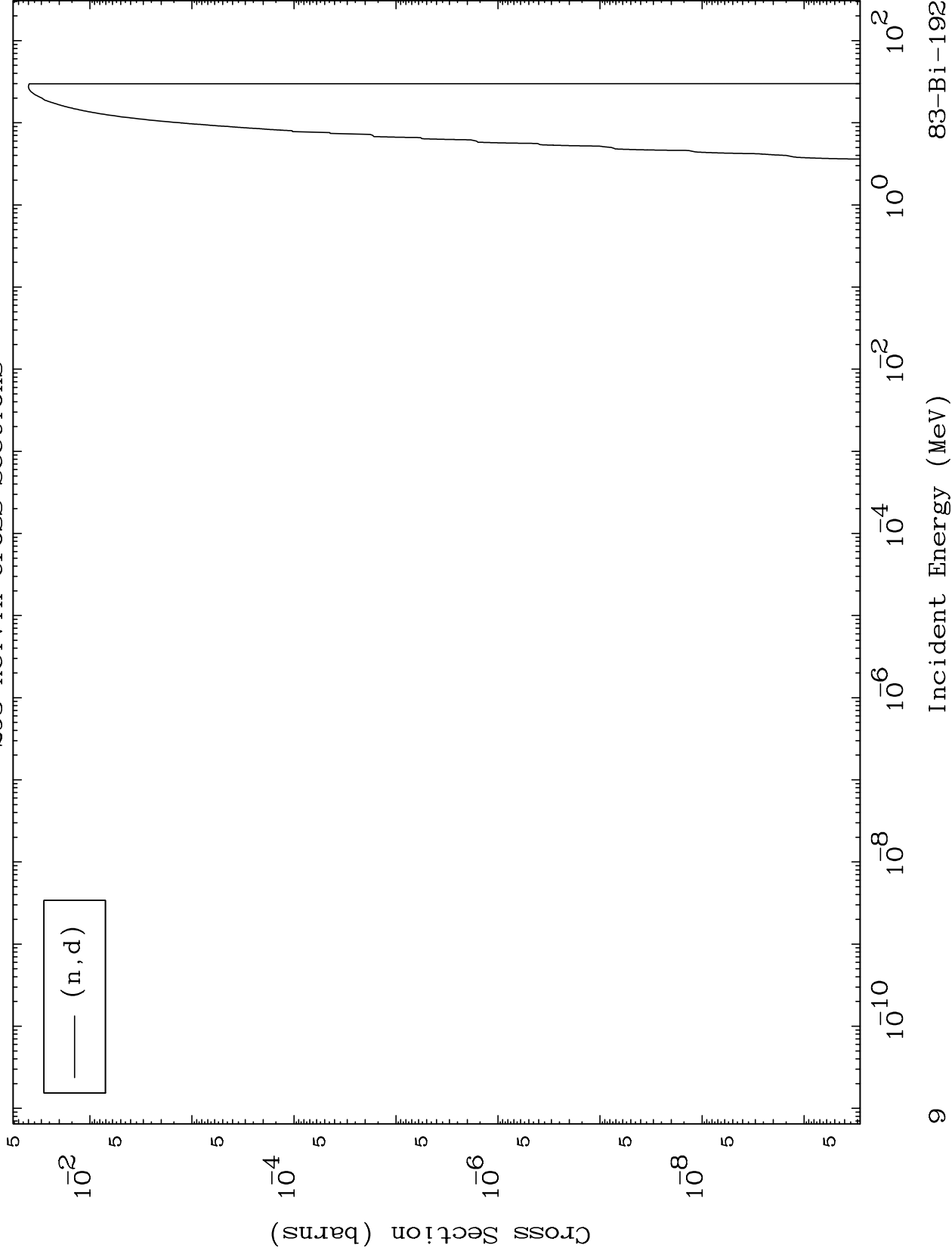
83-Bi-192



MAT 8275

(n,d) Levels
293 Kelvin Cross Sections

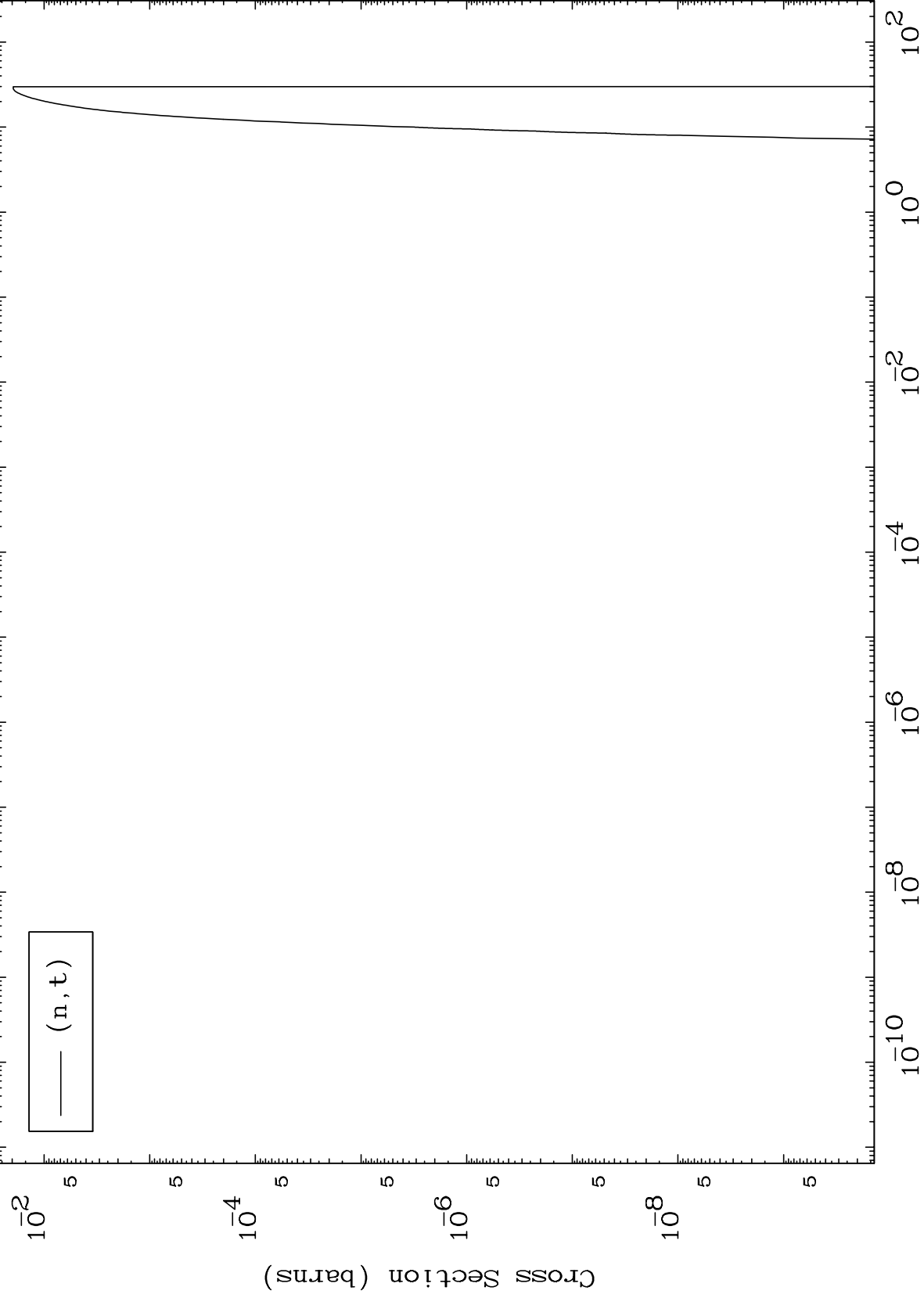
83-Bi-192



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(n,t) Levels
293 Kelvin Cross Sections

83-Bi-192



10

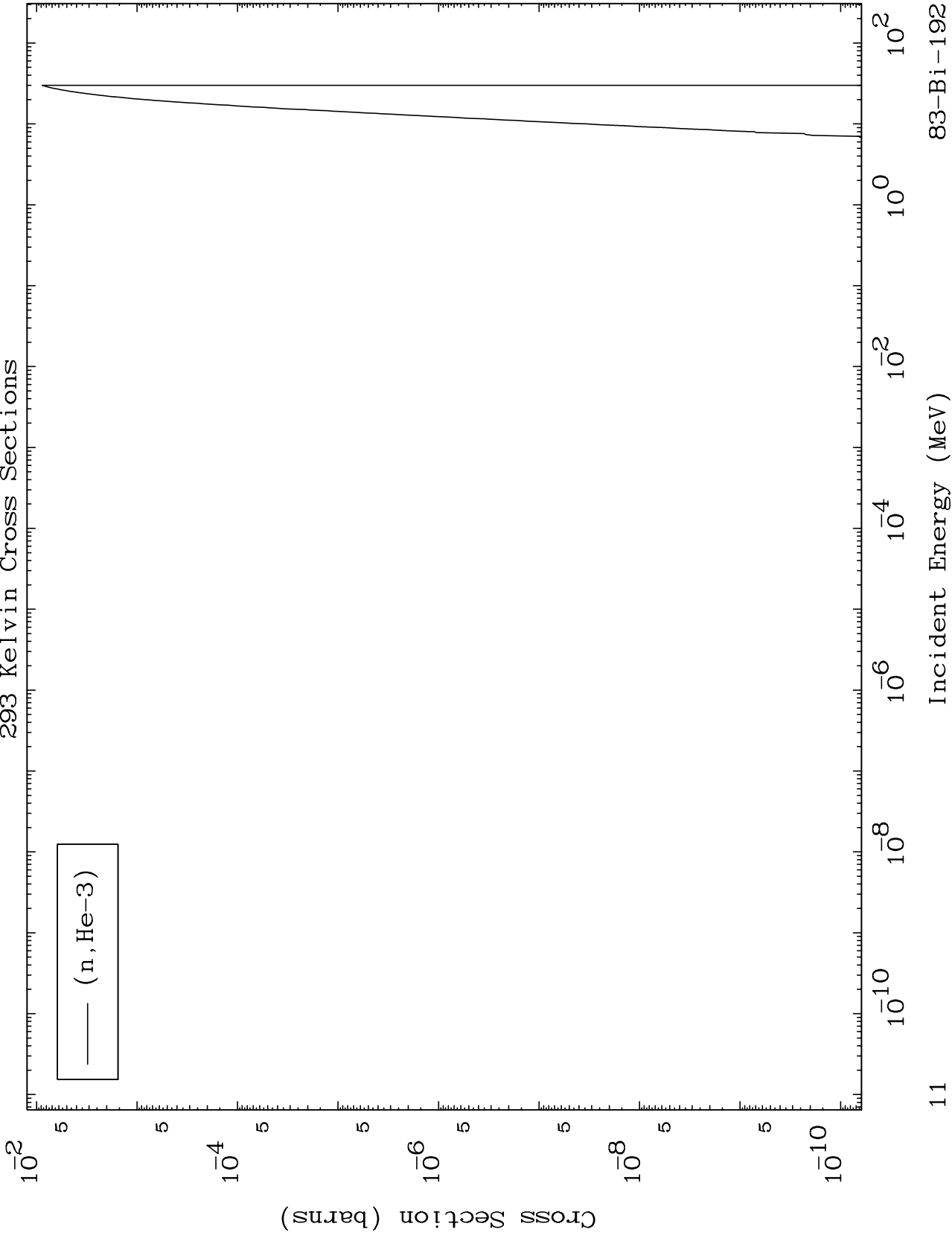
Incident Energy (MeV)

83-Bi-192

MAT 8275

(n,He3) Levels
293 Kelvin Cross Sections

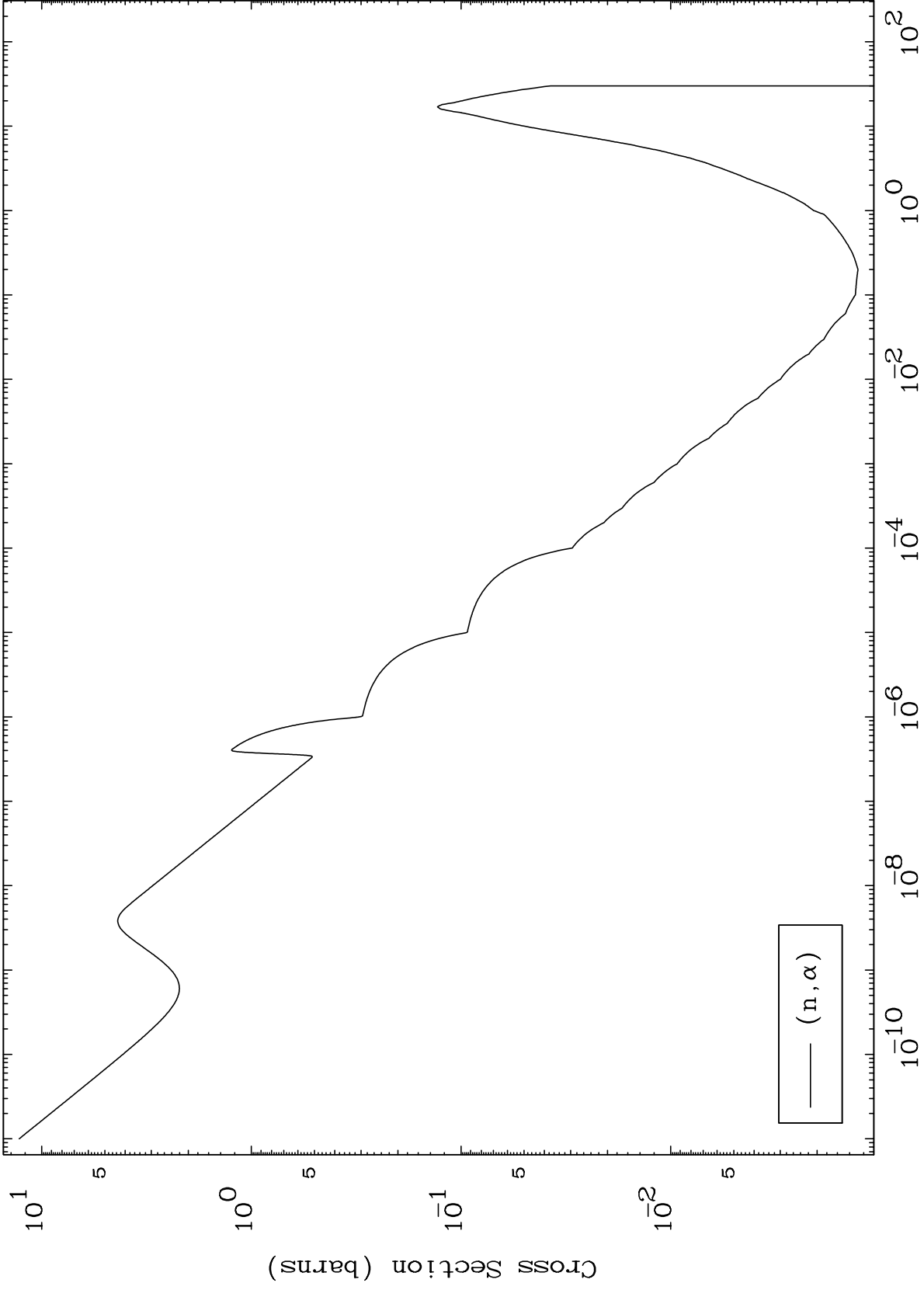
83-Bi-192



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(n, α) Levels
293 Kelvin Cross Sections

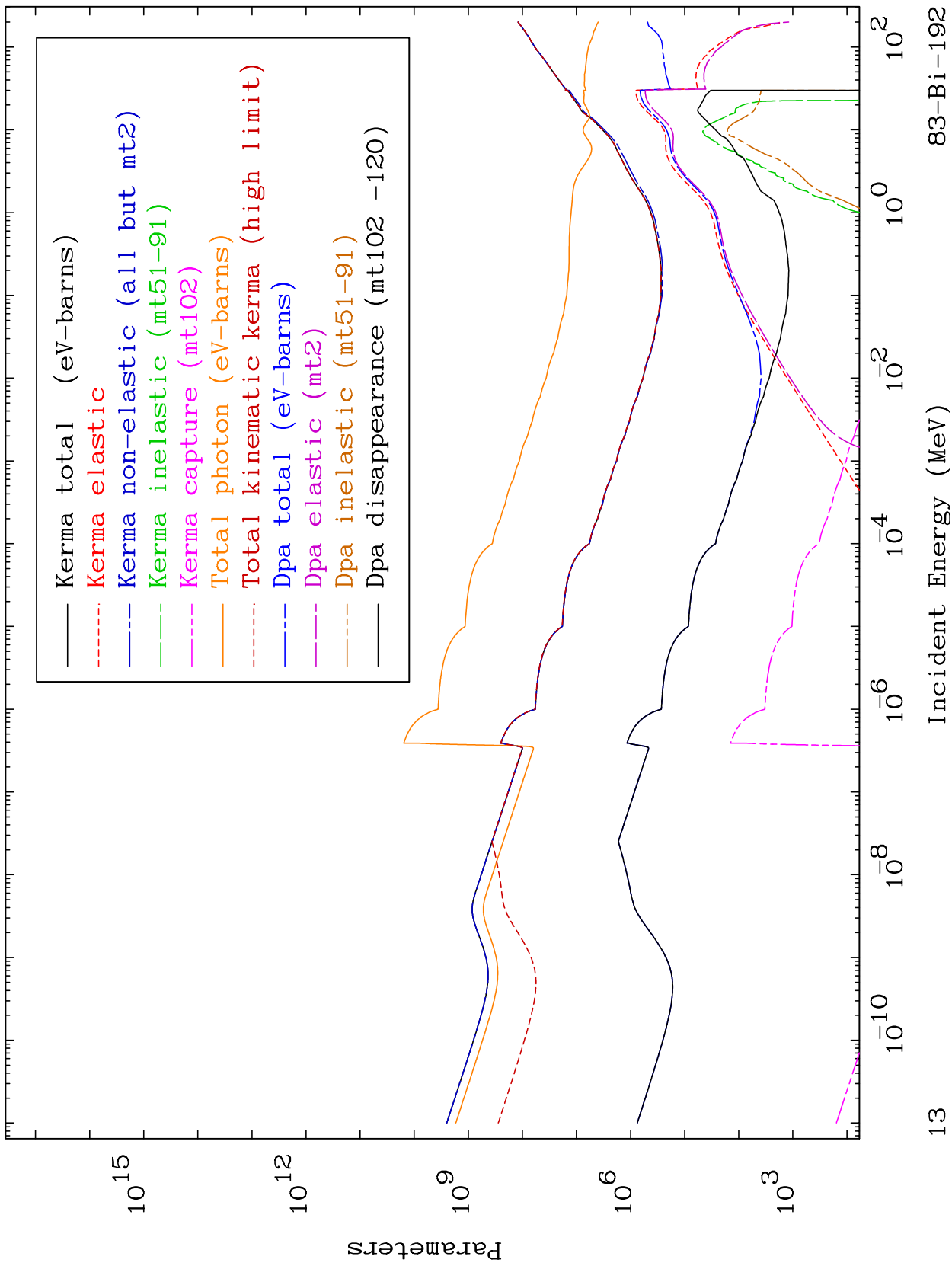
83-Bi-192



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Incident Energy (MeV)

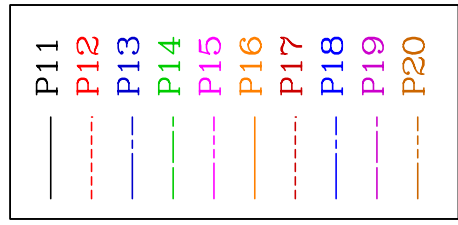
83-Bi-192



MAT 8275

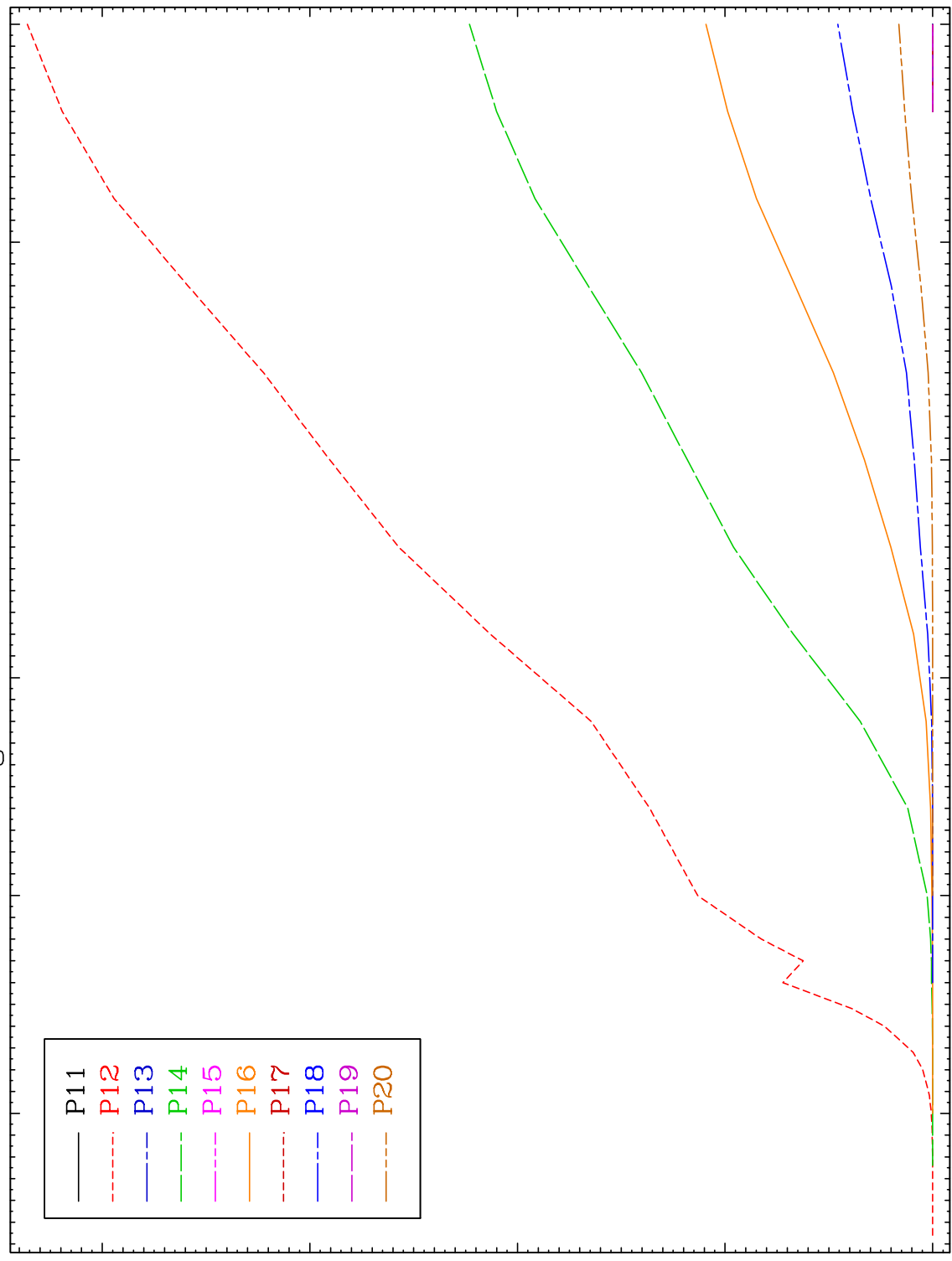
Elastic Legendre Coefficients

83-Bi-192



$\times 10^{-4}$

Legendre (CM)



15

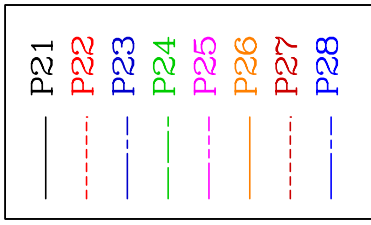
Incident Energy (MeV)

83-Bi-192

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Elastic Legendre Coefficients

83-Bi-192



$\times 10^{-6}$
1.2
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)



16

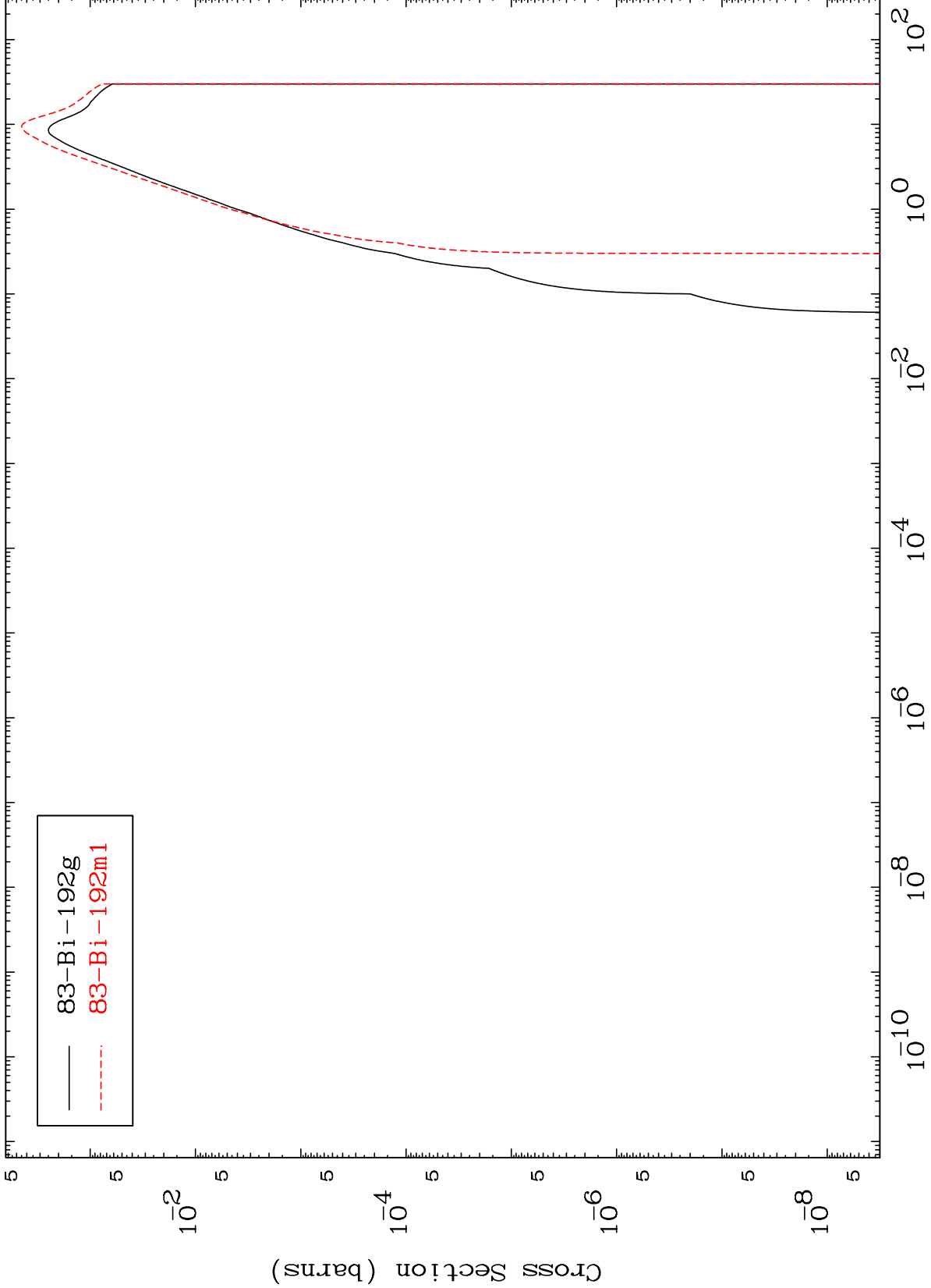
Incident Energy (MeV)

83-Bi-192

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Inelastic
Radionuclide Production Cross Section

83-Bi-192



83-Bi-192g
83-Bi-192m1

Incident Energy (MeV)

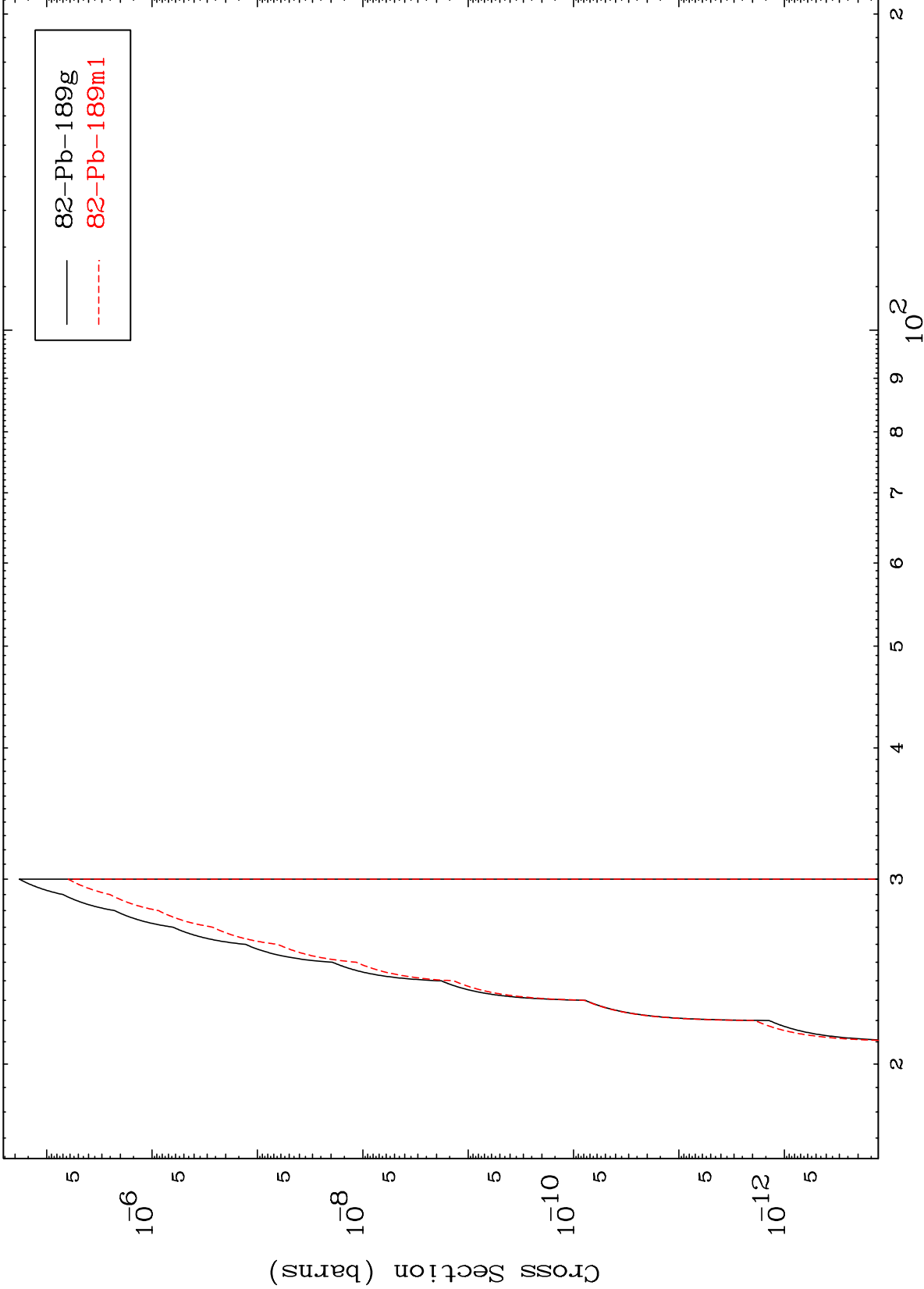
83-Bi-192

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(n,2n) d

83-Bi-192

Radionuclide Production Cross Section



18

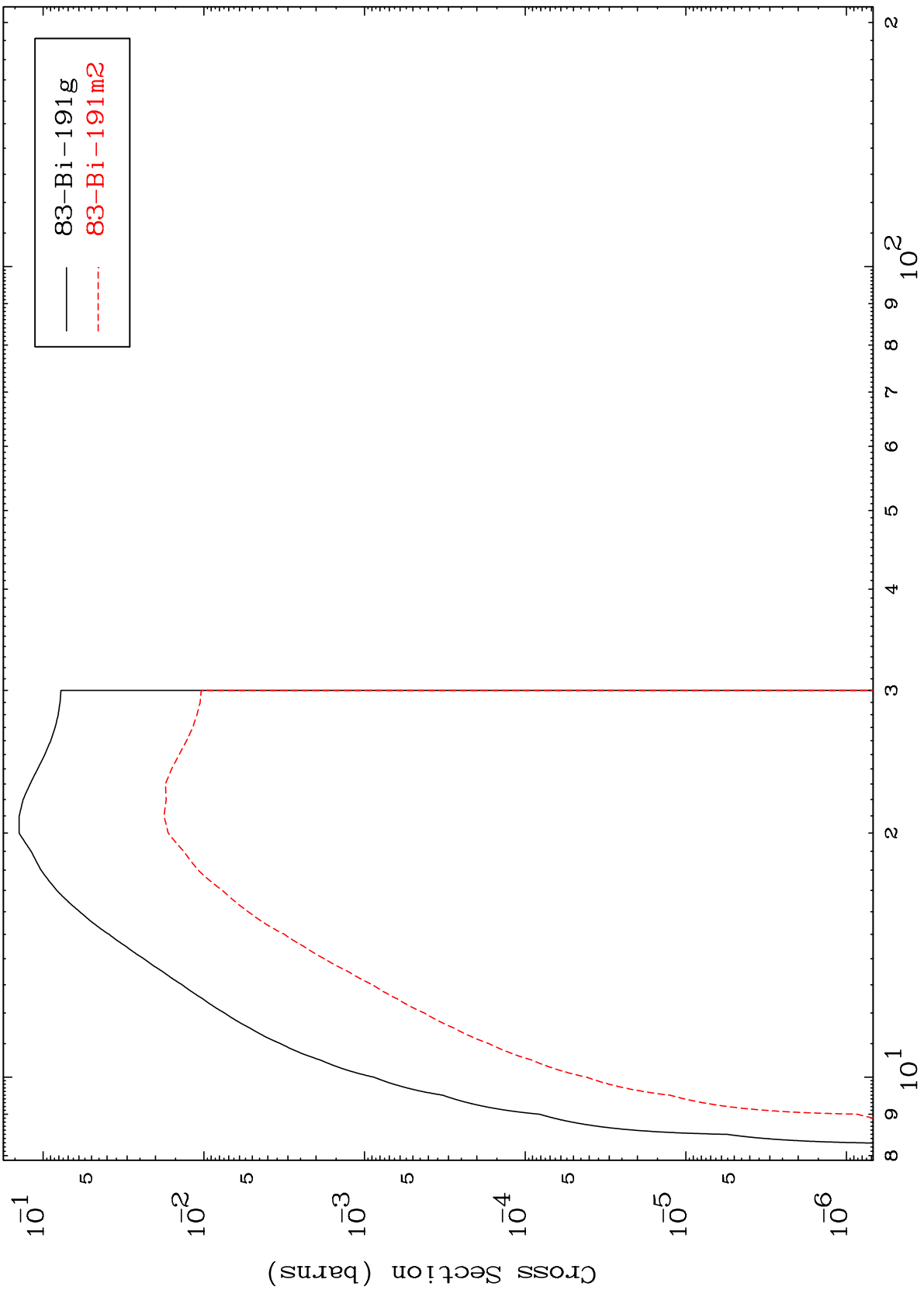
Incident Energy (MeV)

83-Bi-192

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83-Bi-192

(n,2n)
Radionuclide Production Cross Section



83-Bi-192

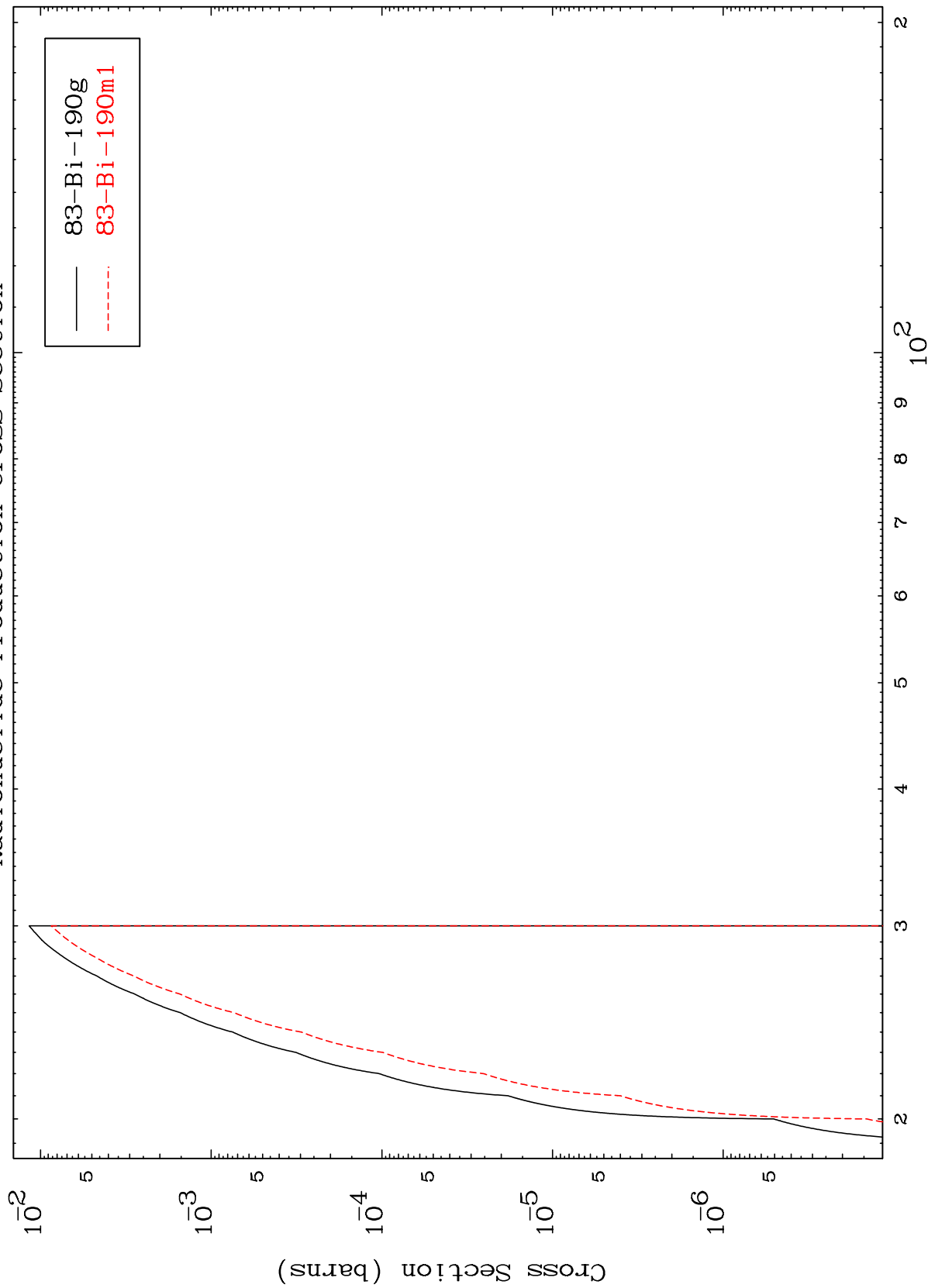
Incident Energy (MeV)

19

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83-Bi-192

(n,3n)
Radionuclide Production Cross Section



83-Bi-192

Incident Energy (MeV)

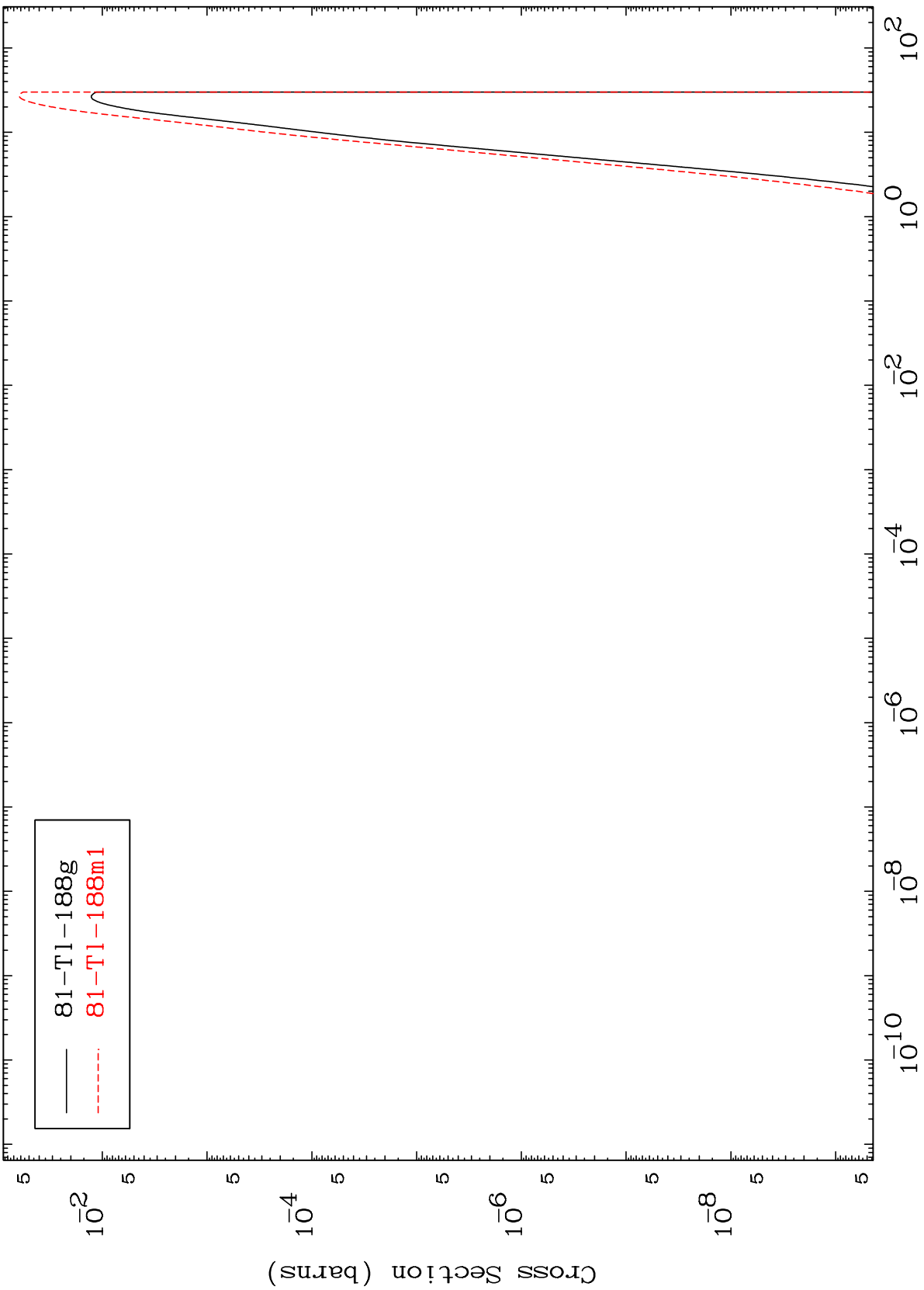
20

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$(n, n') \alpha$

83-Bi-192

Radionuclide Production Cross Section

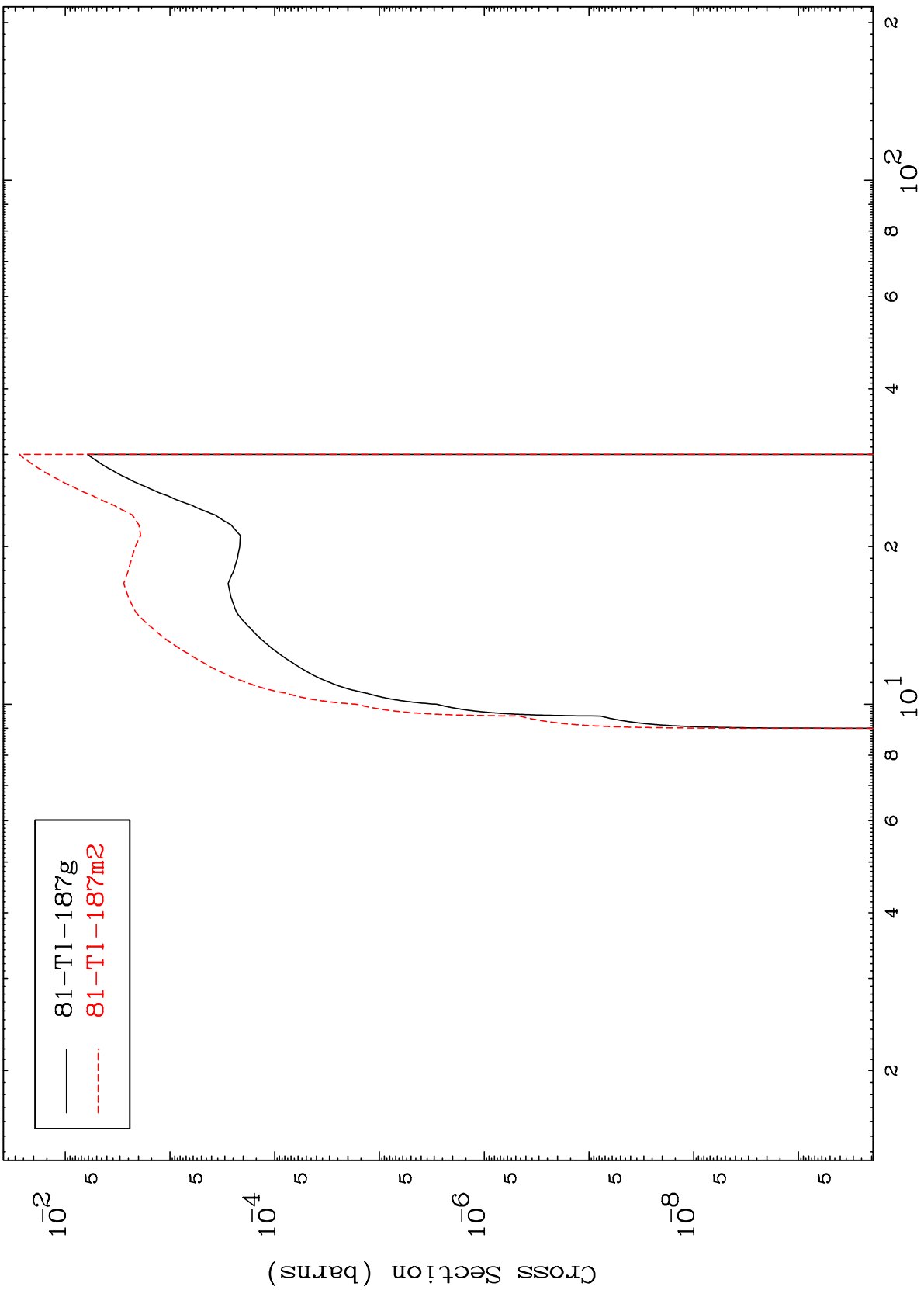


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(n,2n) α

83-Bi-192

Radionuclide Production Cross Section

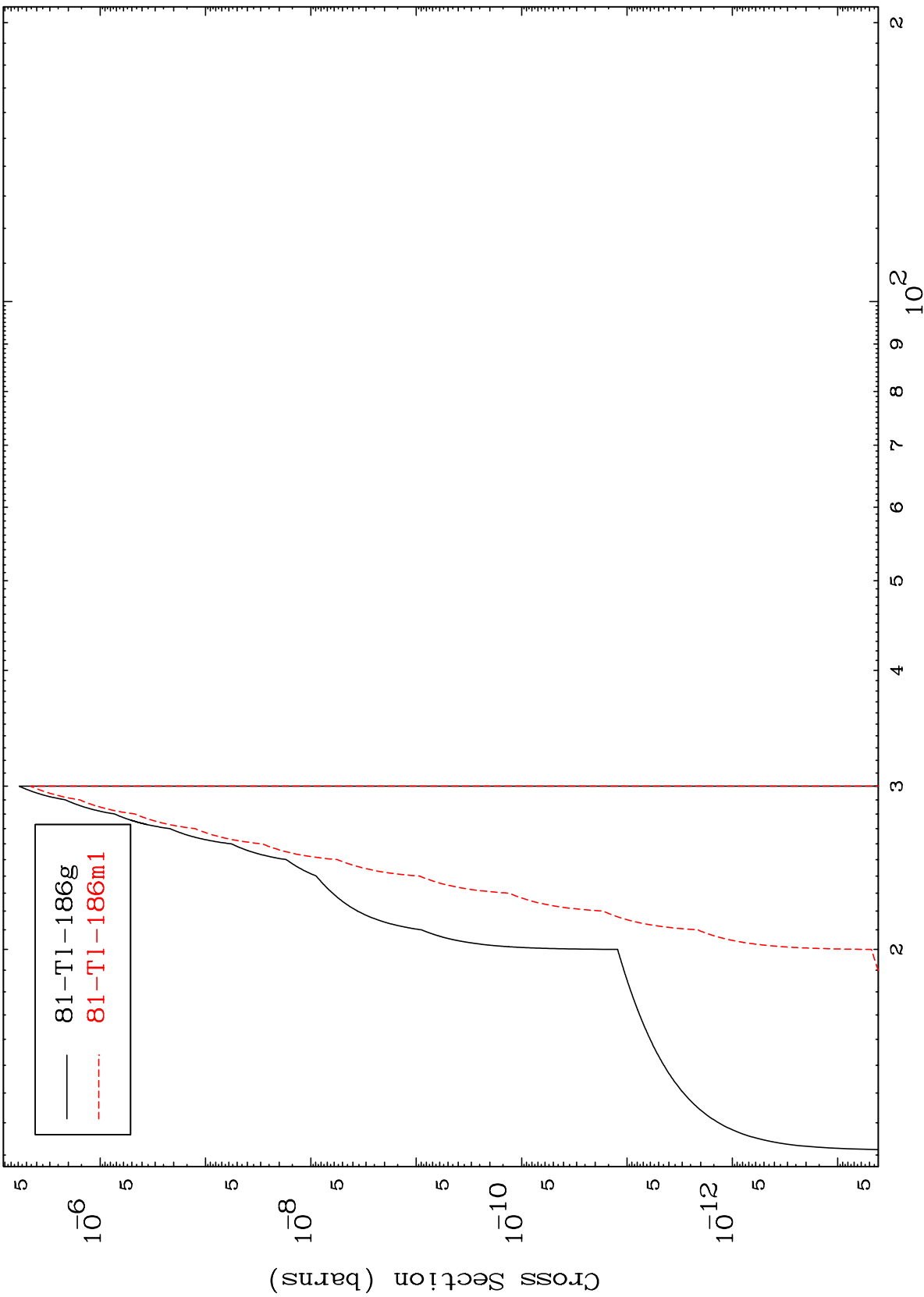


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(n,3n) α

83-Bi-192

Radionuclide Production Cross Section

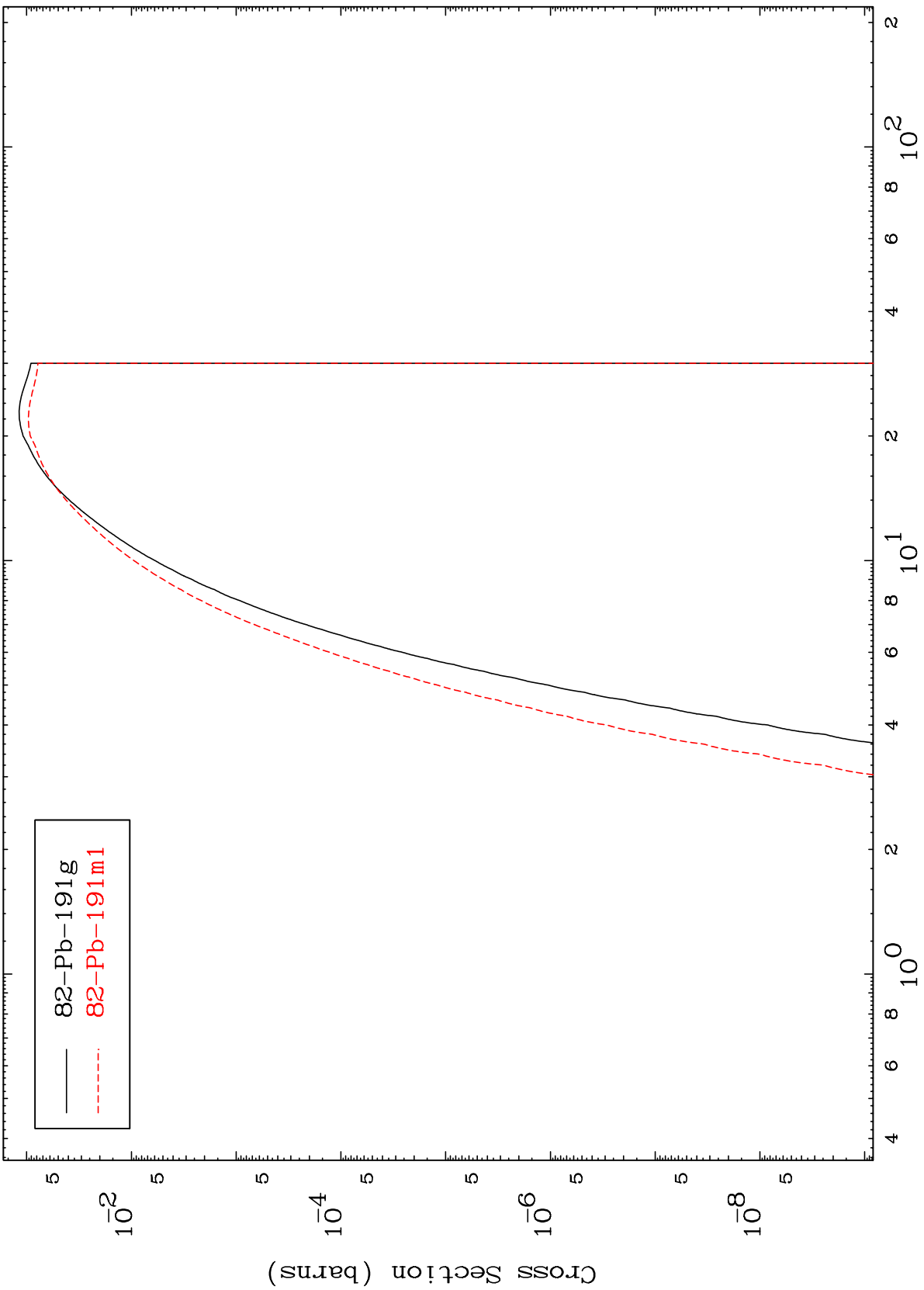


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(n,n') p

83-Bi-192

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

25

Incident Energy (MeV)

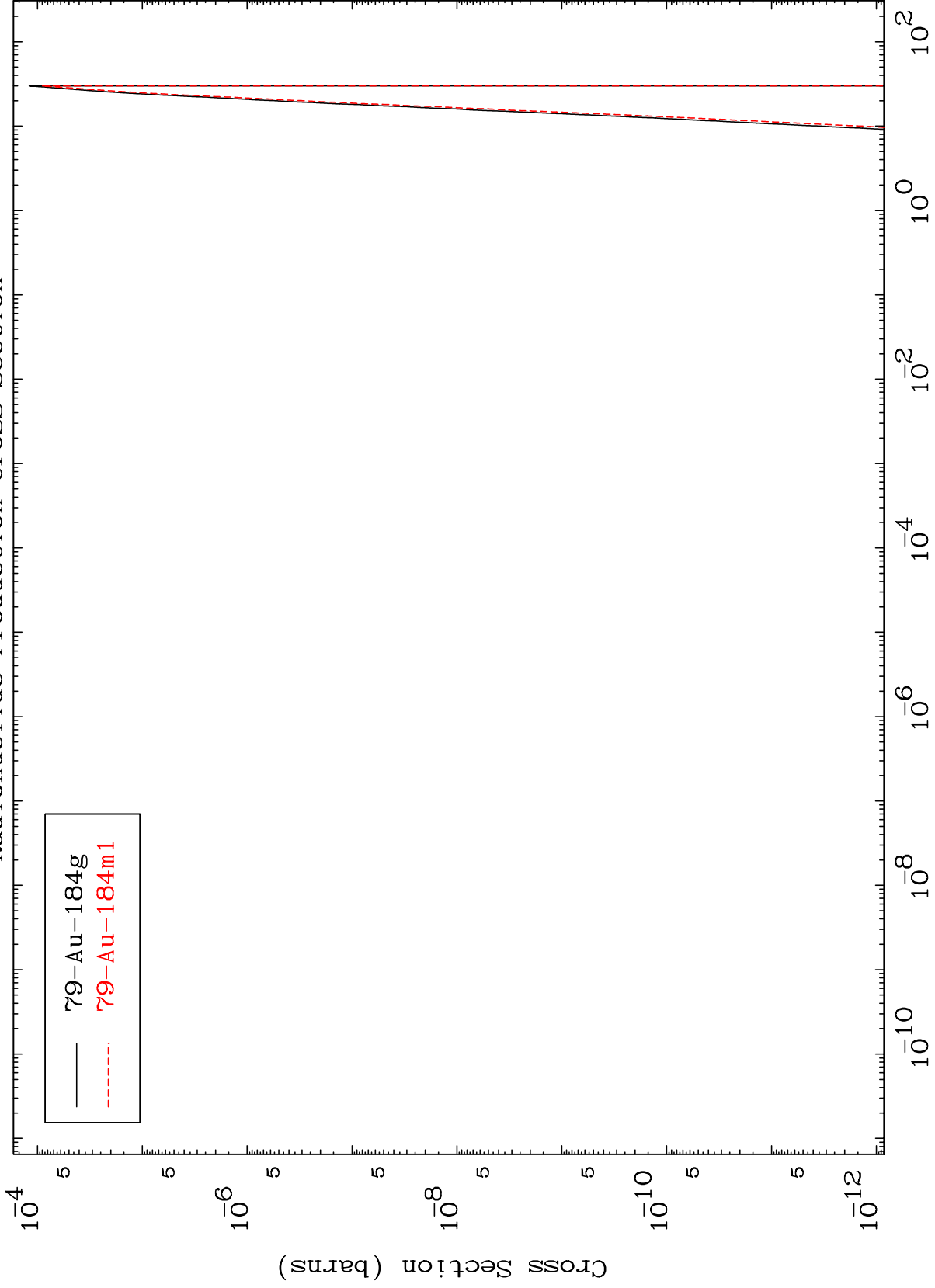
83-Bi-192

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(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

Incident Energy (MeV)

83-Bi-192

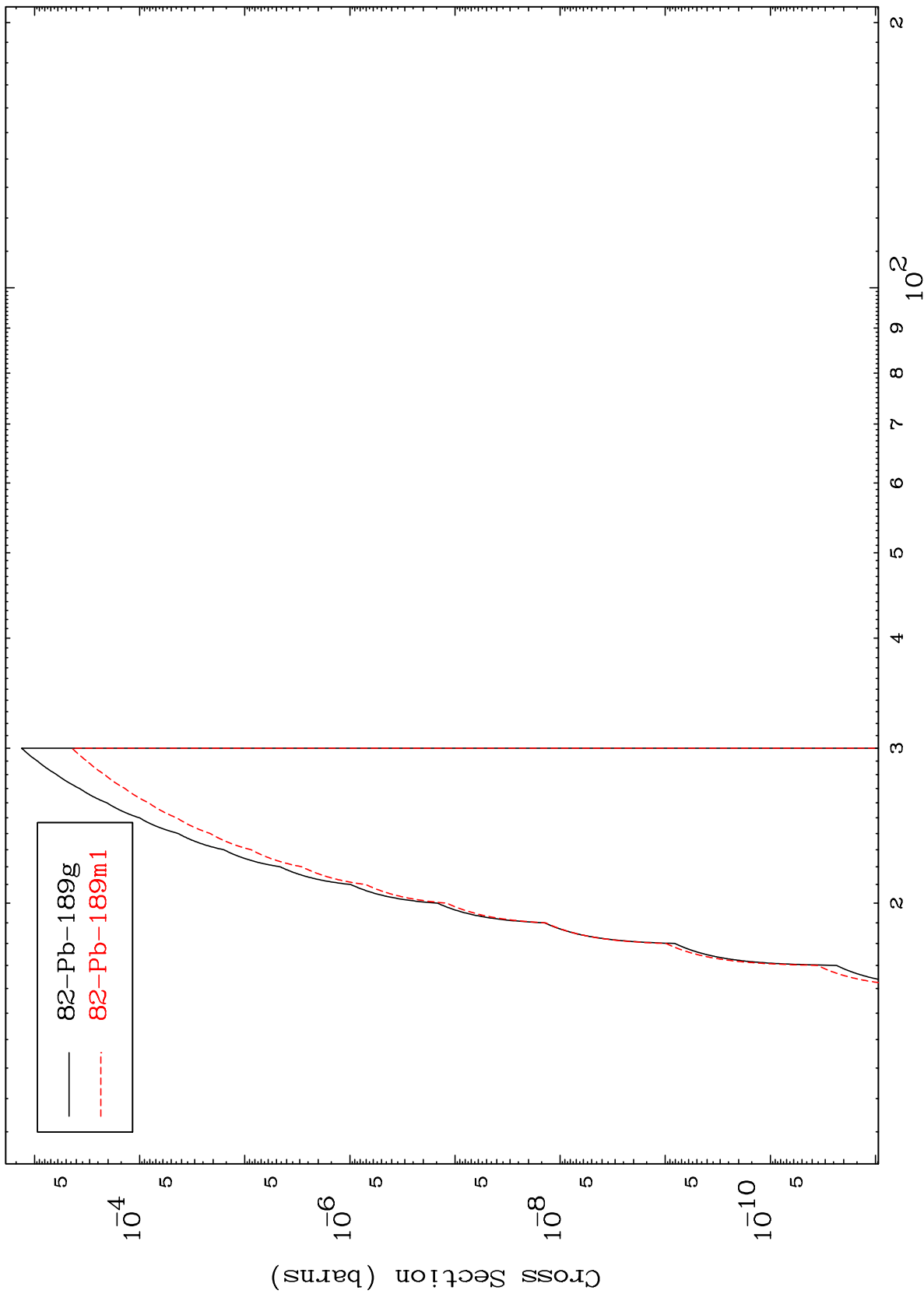
26

MAT 8275

(n,n') t

83-Bi-192

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-192

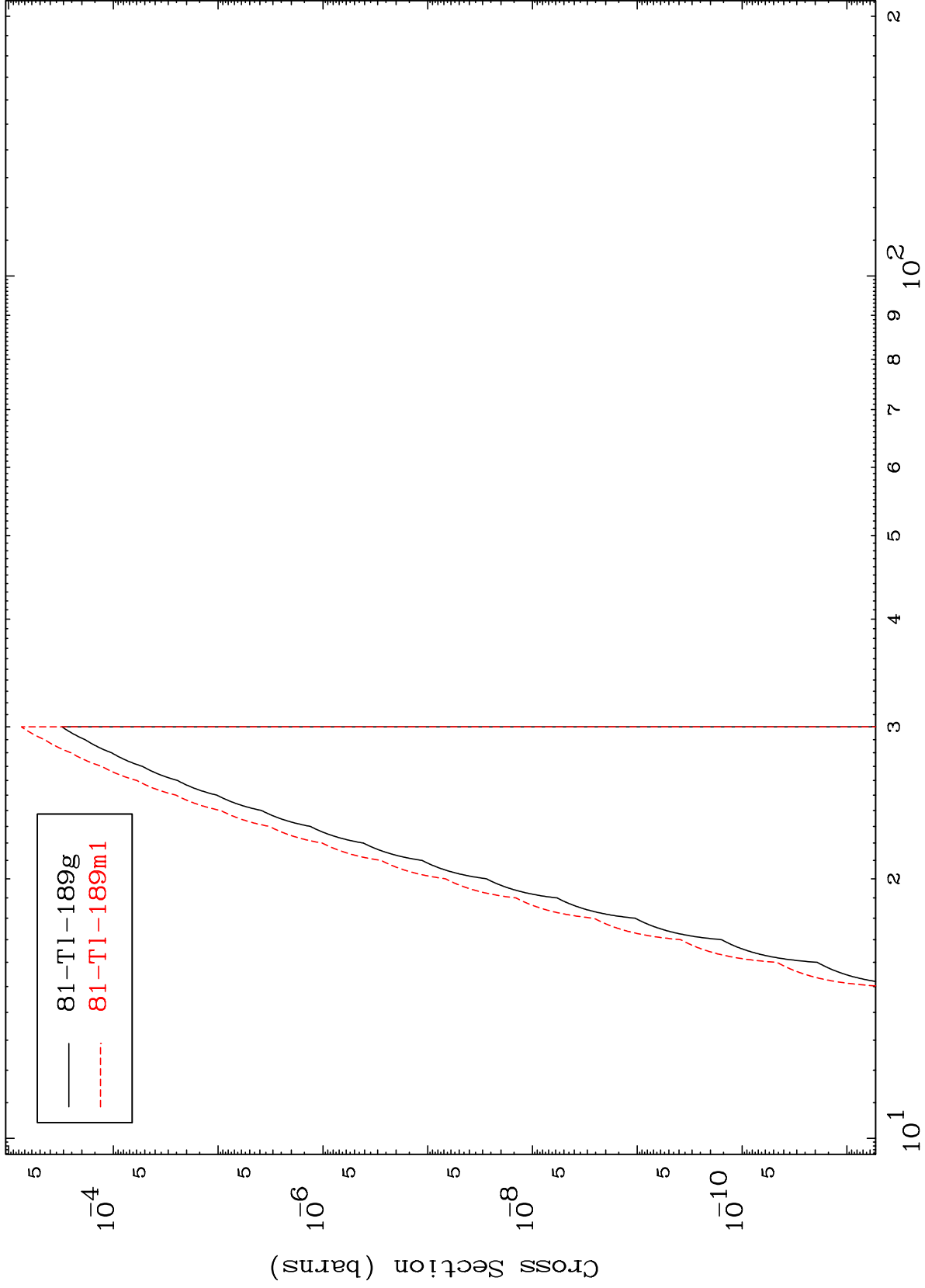
27

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(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-192

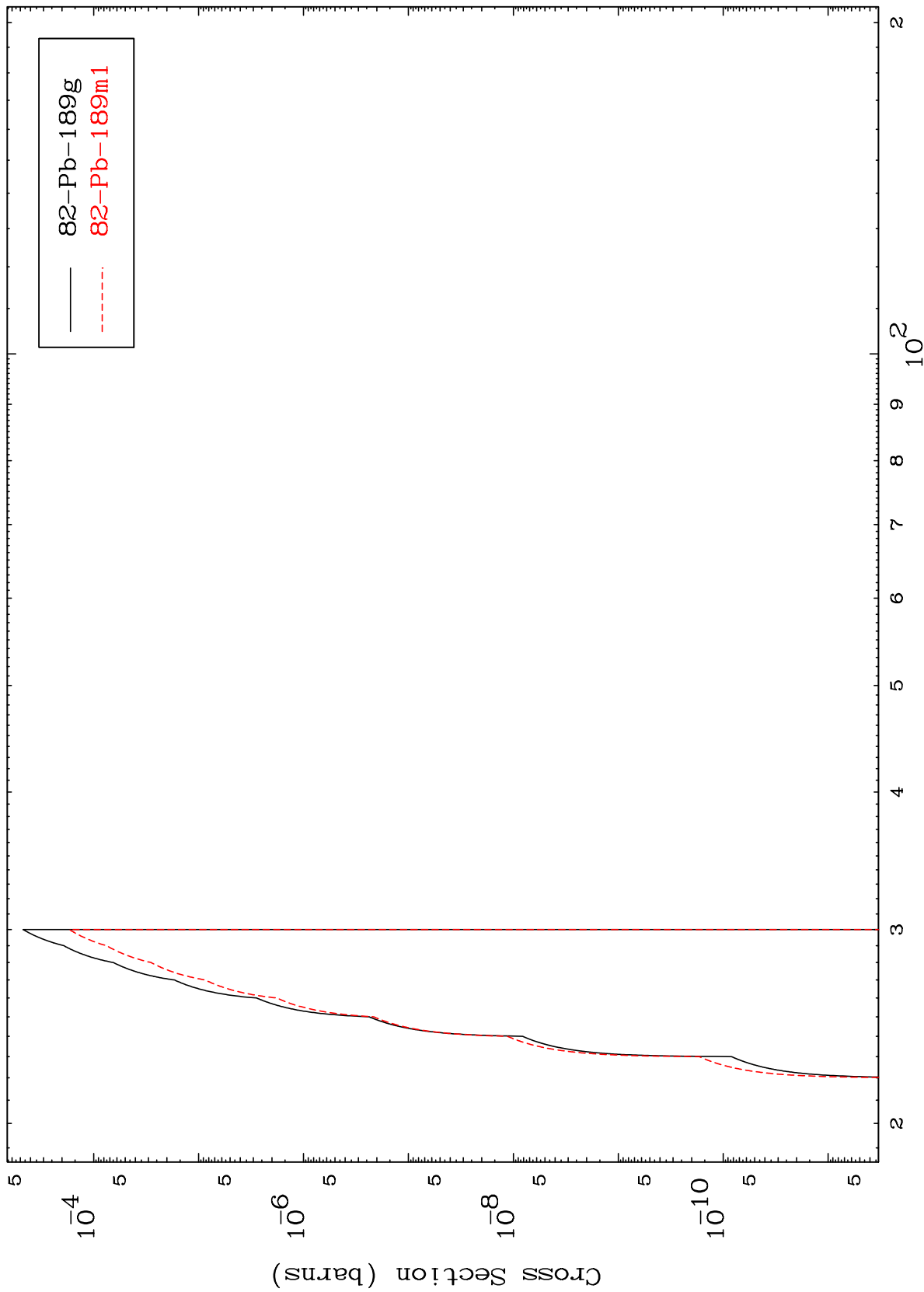
28

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(n,3n) p

83-Bi-192

Radionuclide Production Cross Section



29

Incident Energy (MeV)

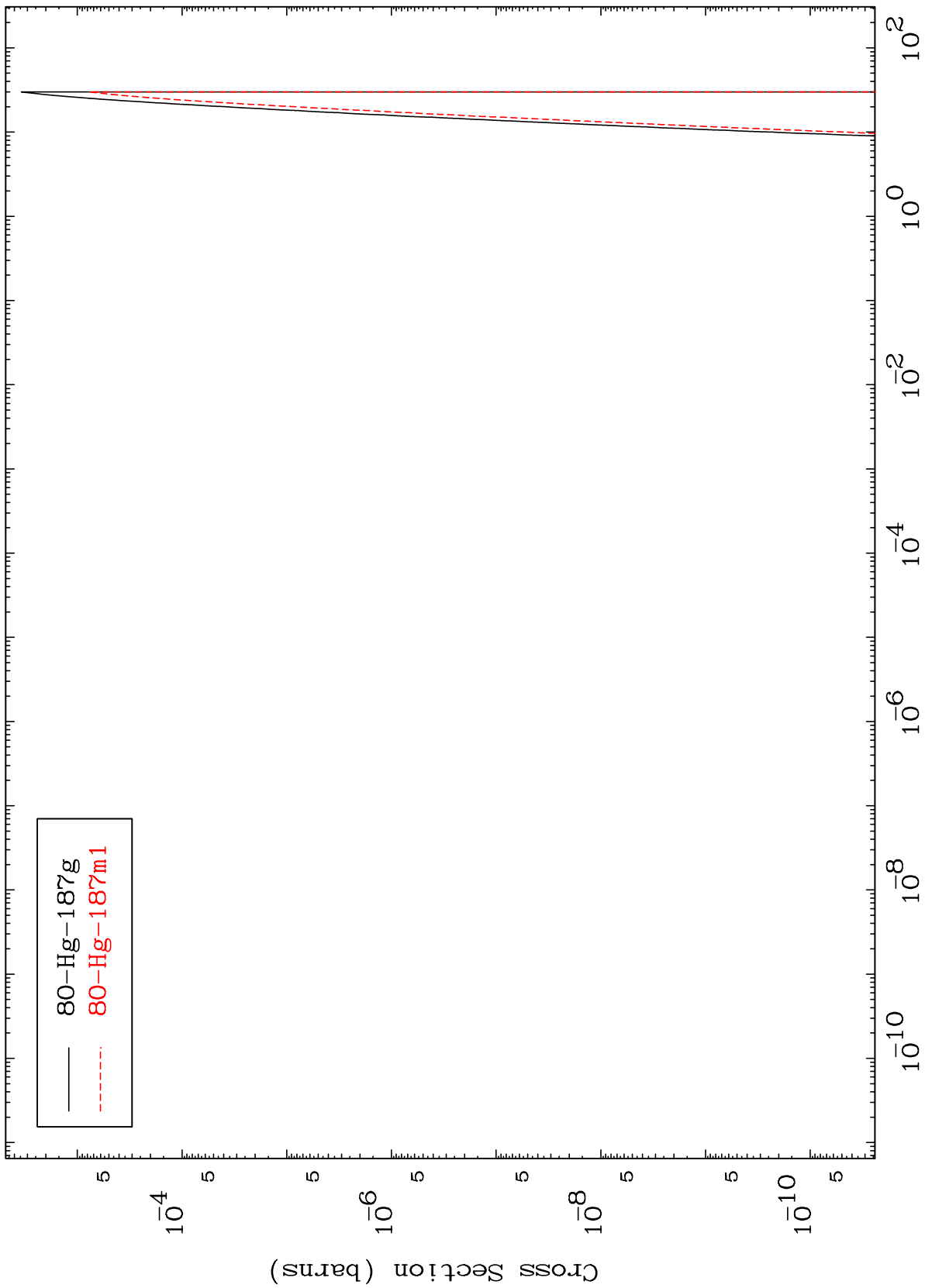
83-Bi-192

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(n,n') p α

83-Bi-192

Radionuclide Production Cross Section



30

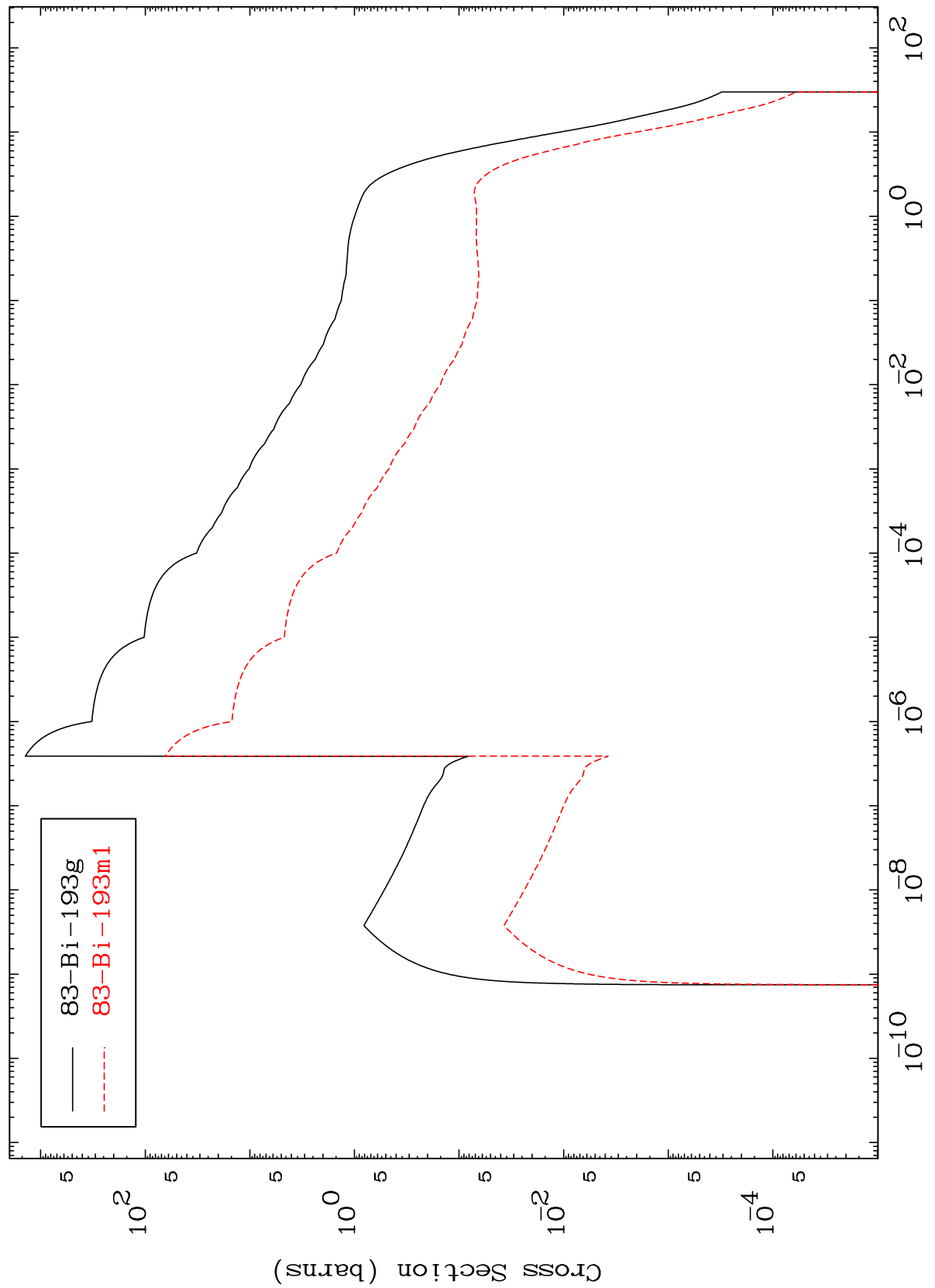
Incident Energy (MeV)

83-Bi-192

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83-Bi-192

Radionuclide Production Cross Section
(n, γ)

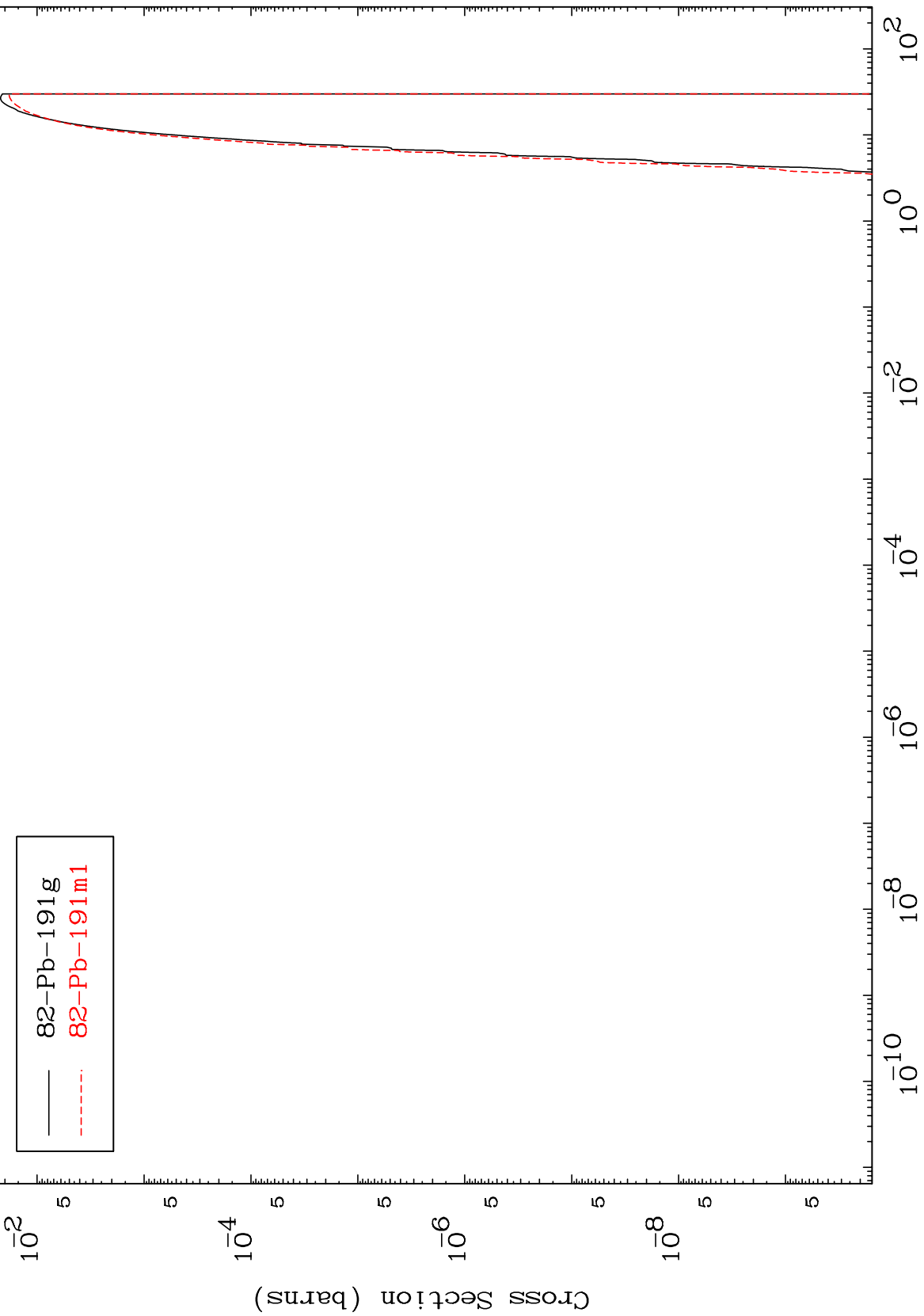


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(n,d)

83-Bi-192

Radionuclide Production Cross Section



32

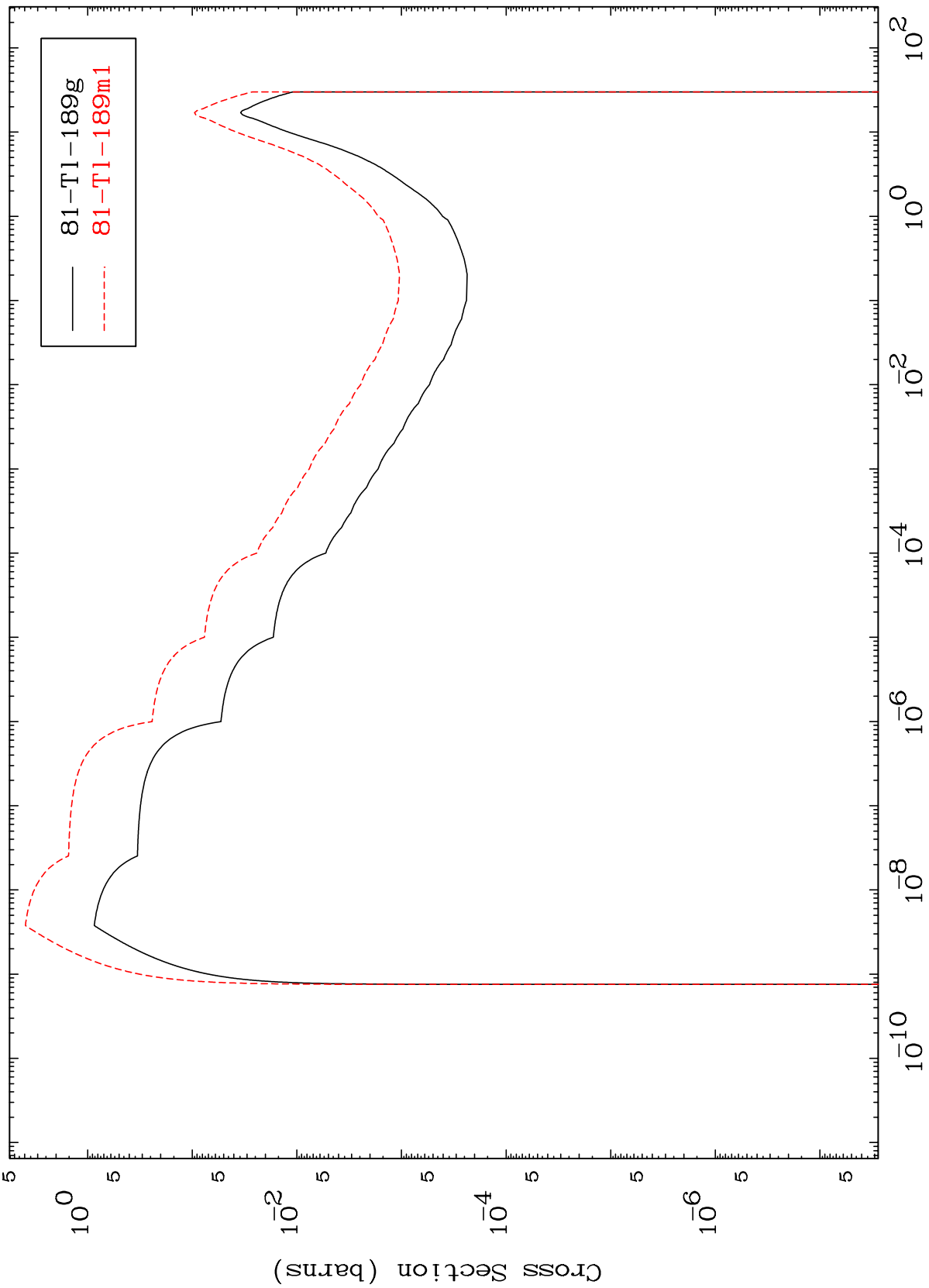
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

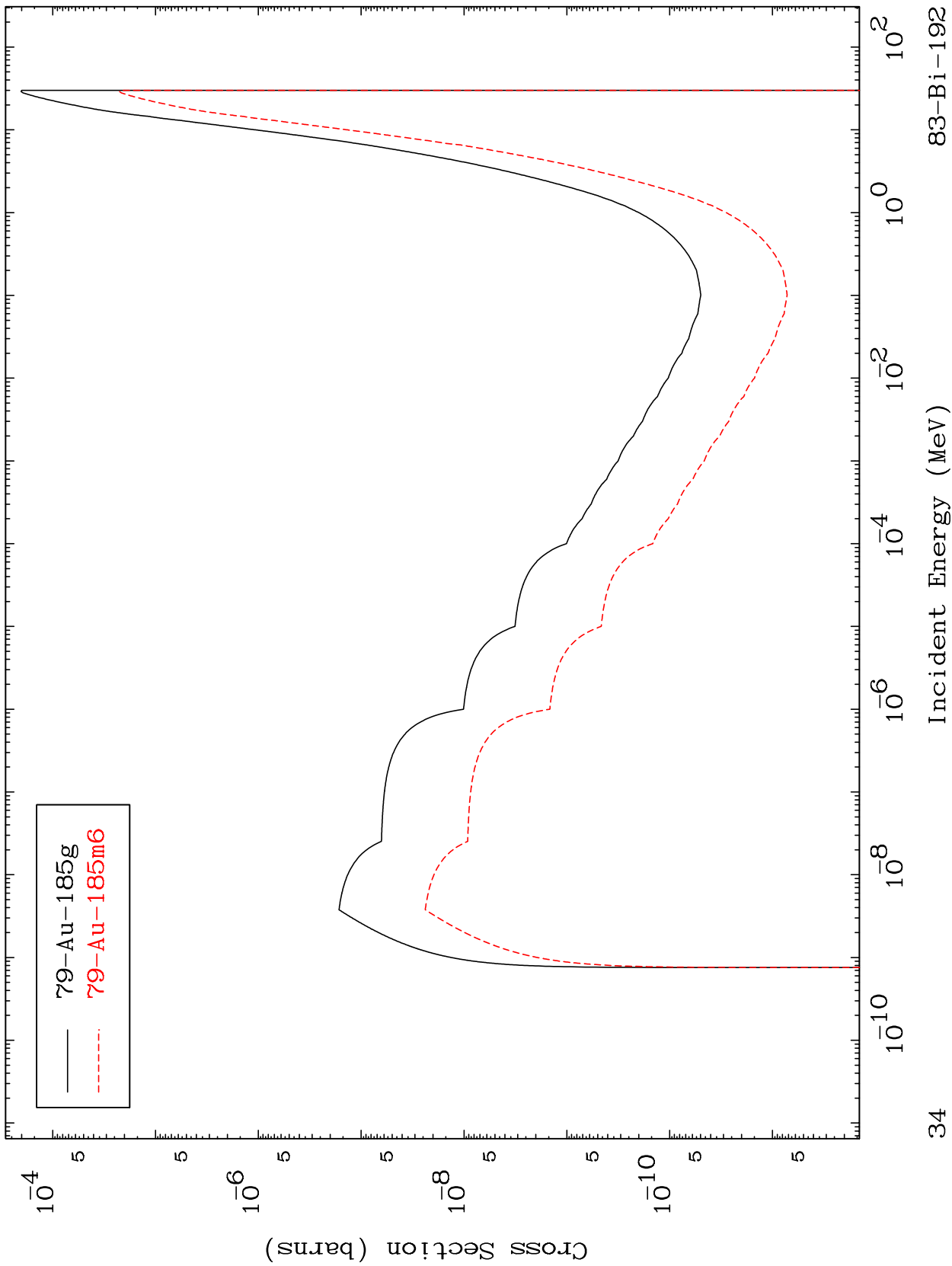
(n, α)
Radionuclide Production Cross Section



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83-Bi-192

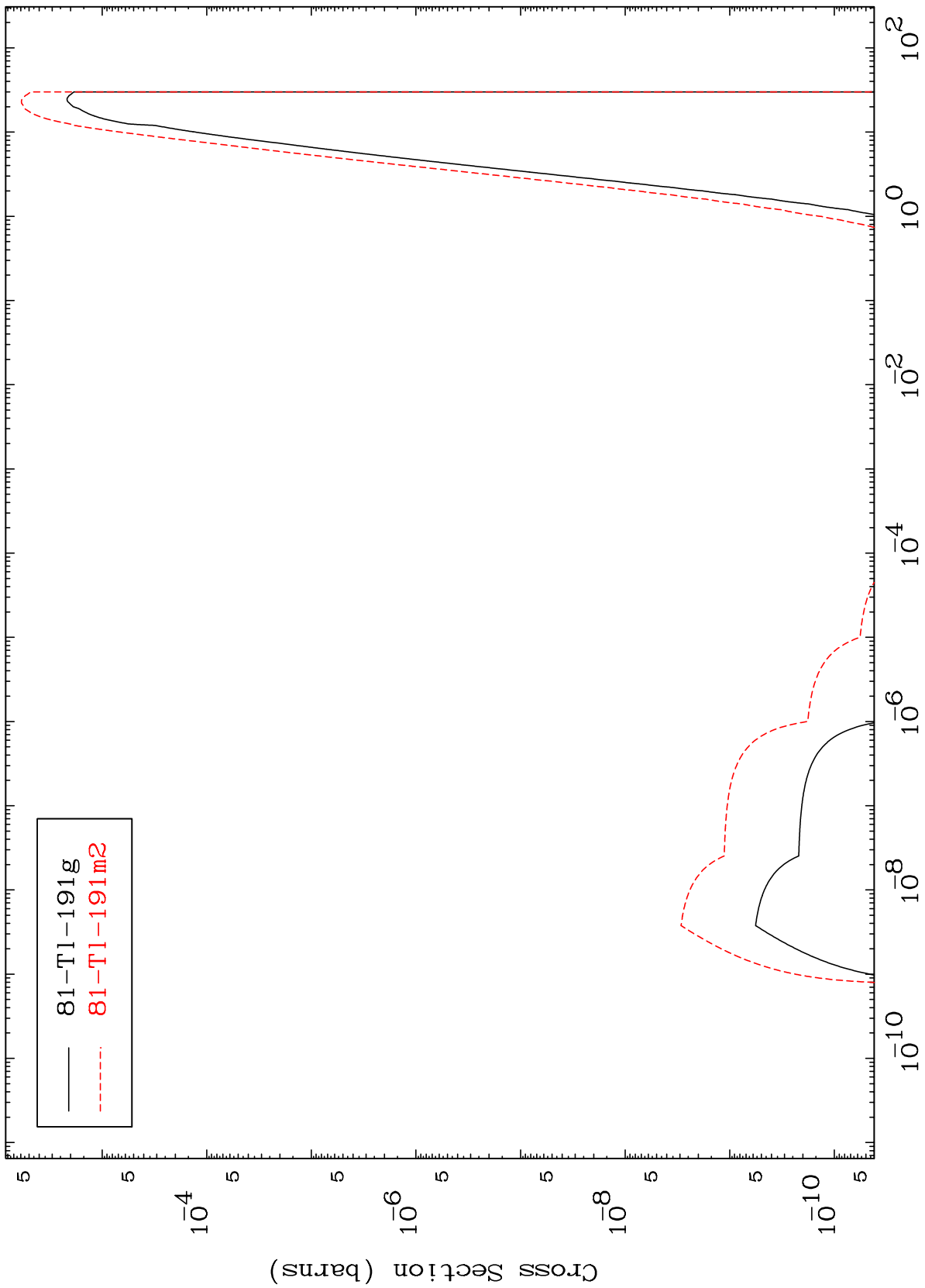
Radionuclide Production Cross Section
(n,2 α)



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83-Bi-192

(n,2p)
Radionuclide Production Cross Section

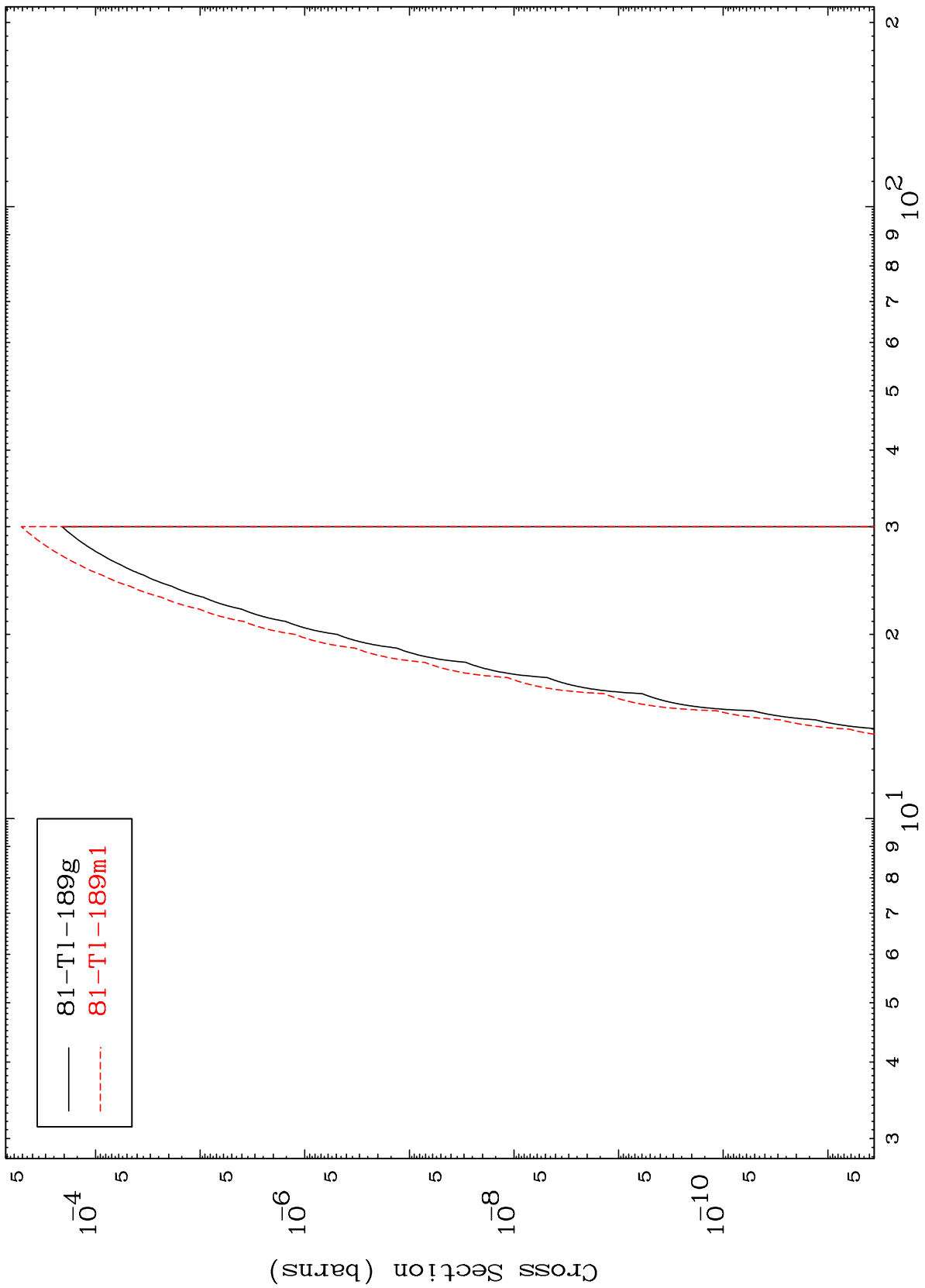


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(n,p) t

83-Bi-192

Radionuclide Production Cross Section



36

Incident Energy (MeV)

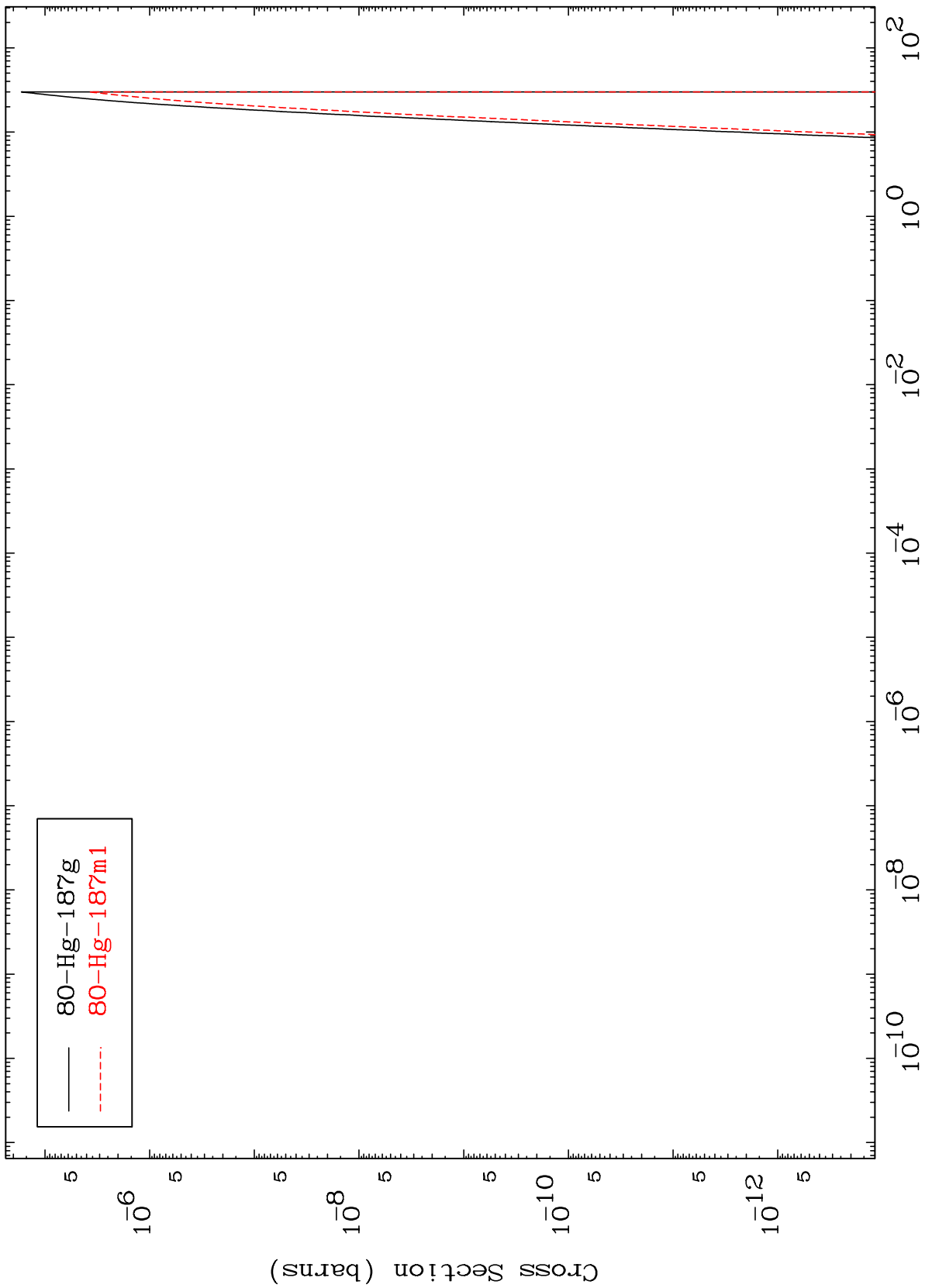
83-Bi-192

MAT 8275

(n,d) α

83-Bi-192

Radionuclide Production Cross Section



37

Incident Energy (MeV)

83-Bi-192