

Program EVALPLOT
(Version 2017-1)

by

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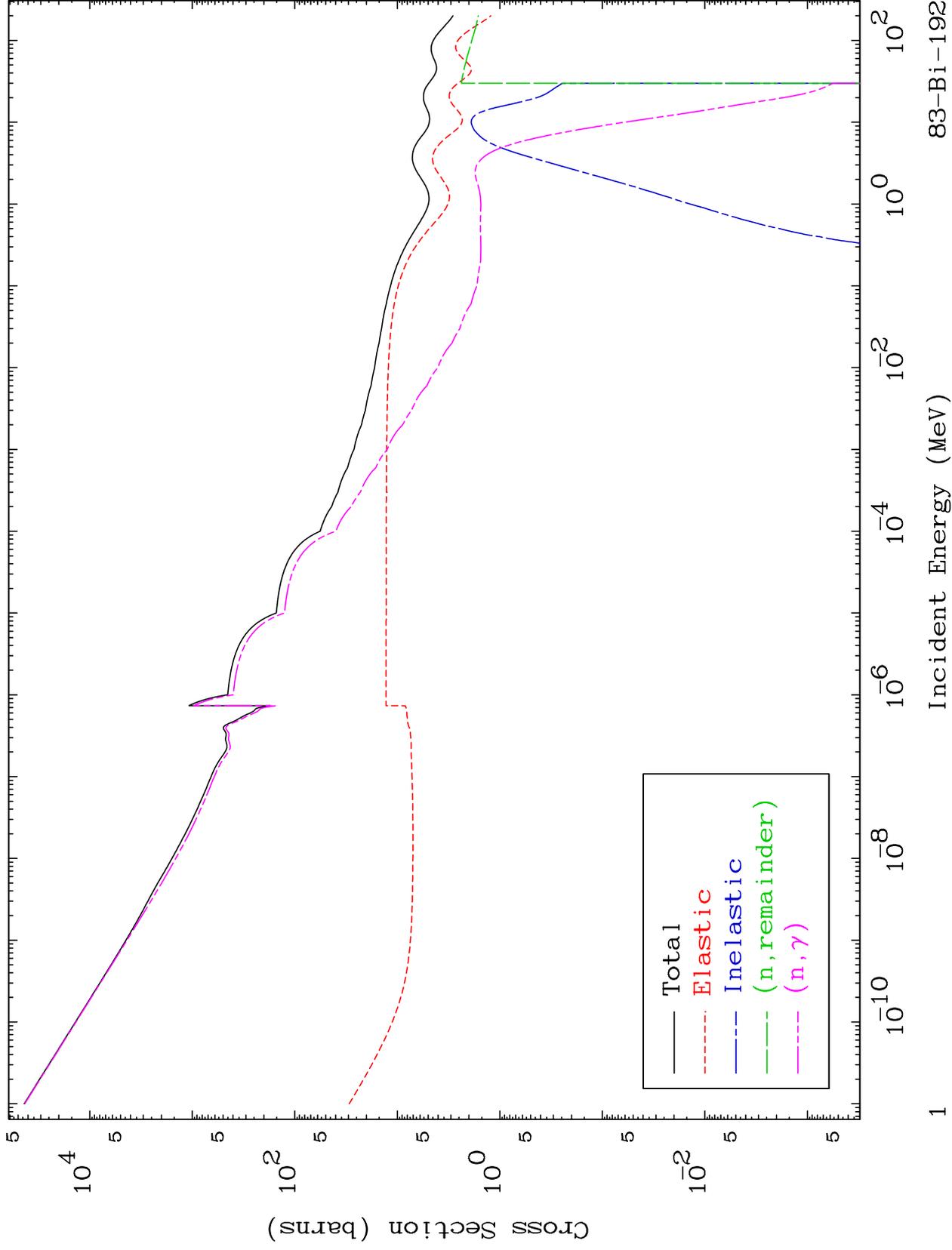
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Press Mouse Button to Start

MAT 8275

Major
293 Kelvin Cross Sections

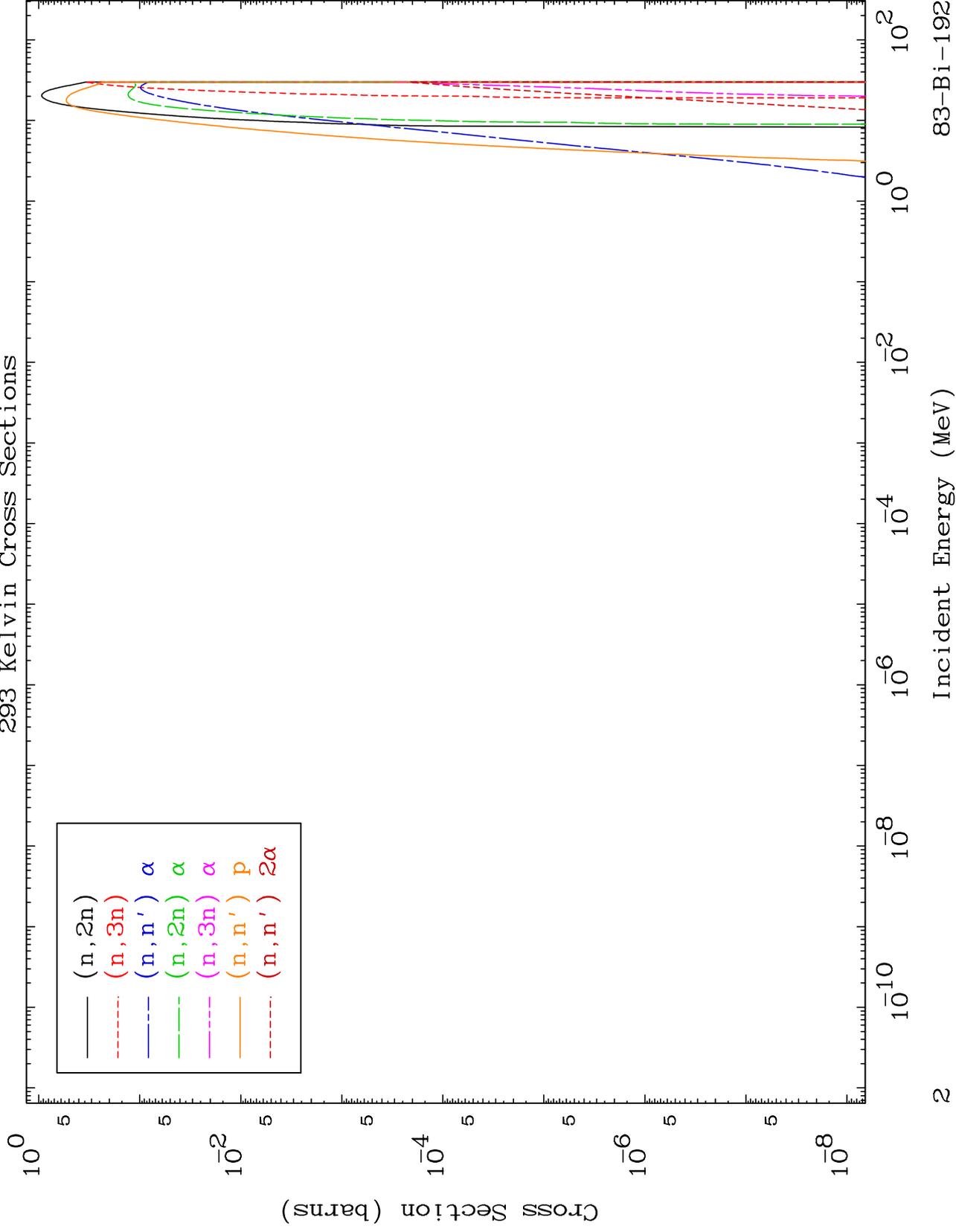
83-Bi-192



MAT 8275

Neutron Production
293 Kelvin Cross Sections

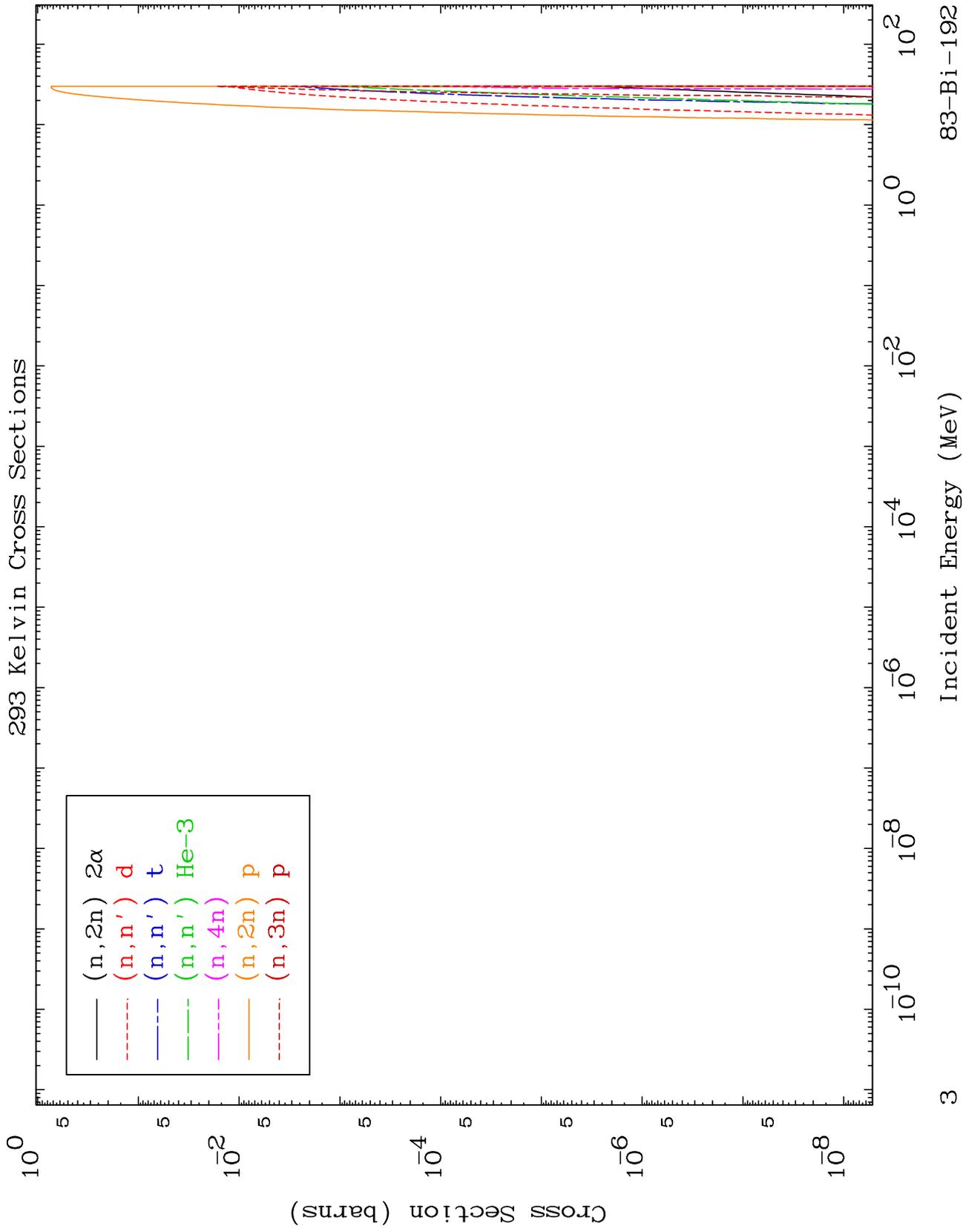
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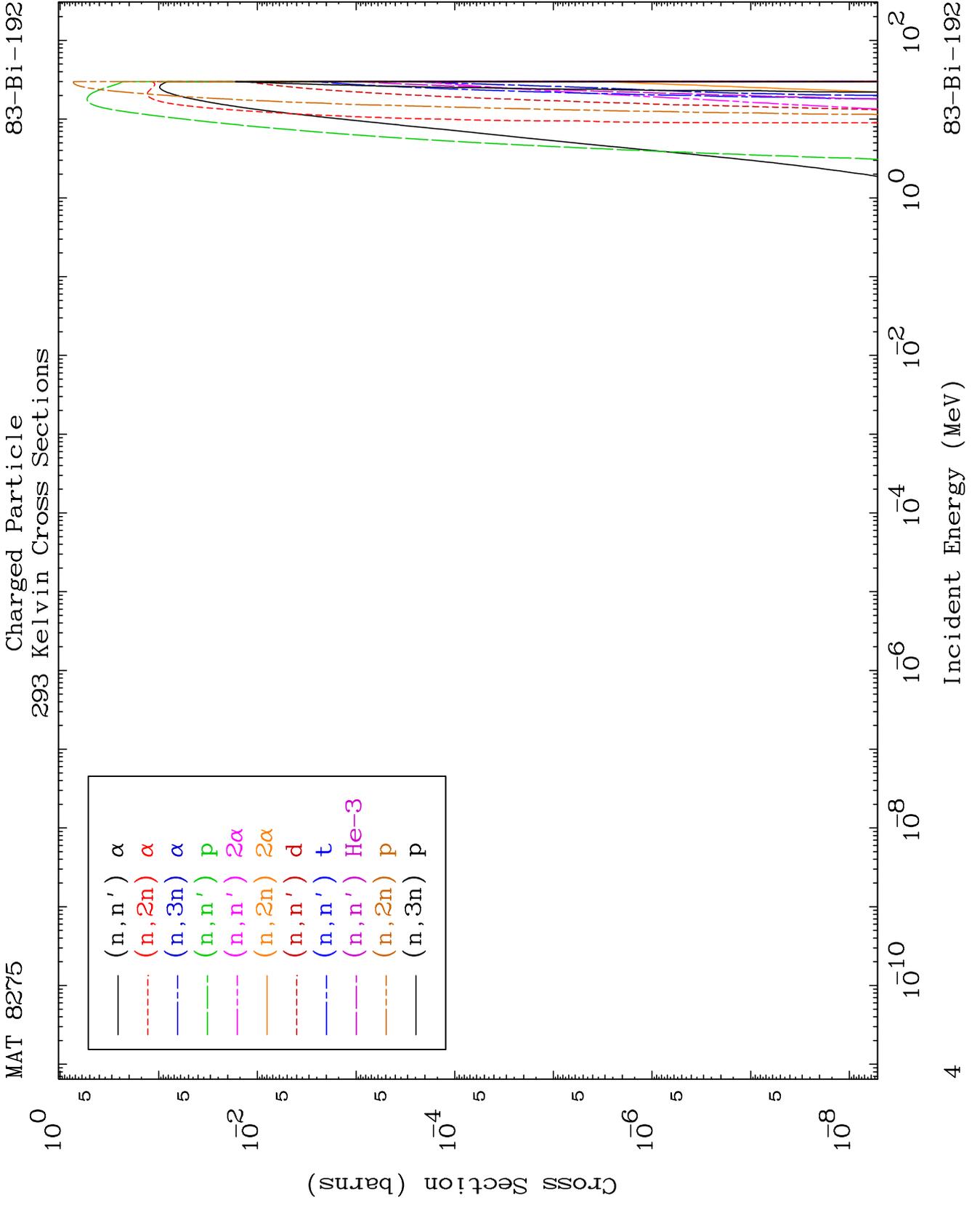


MAT 8275

Neutron Production
293 Kelvin Cross Sections

83-Bi-192

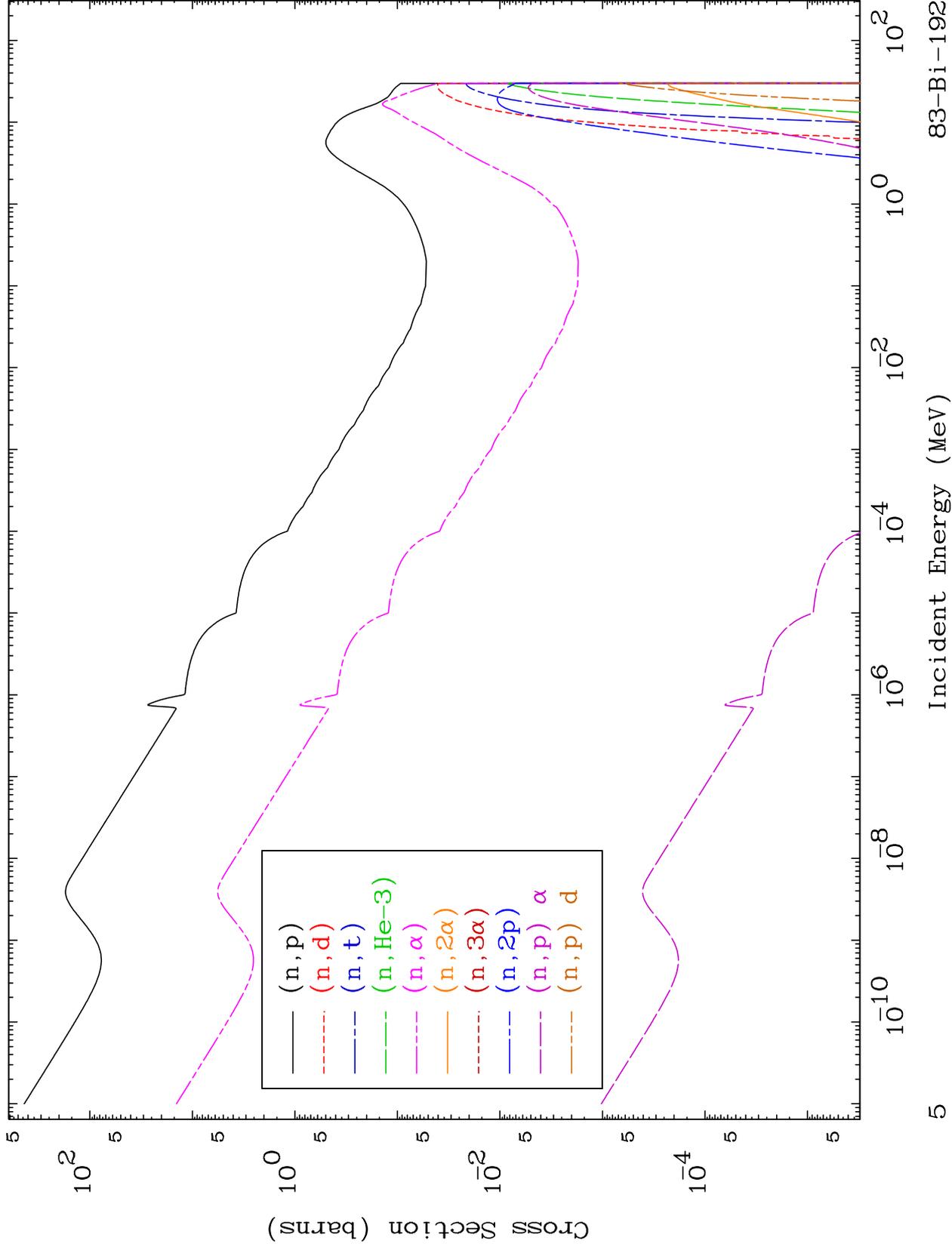




MAT 8275

Charged Particle
293 Kelvin Cross Sections

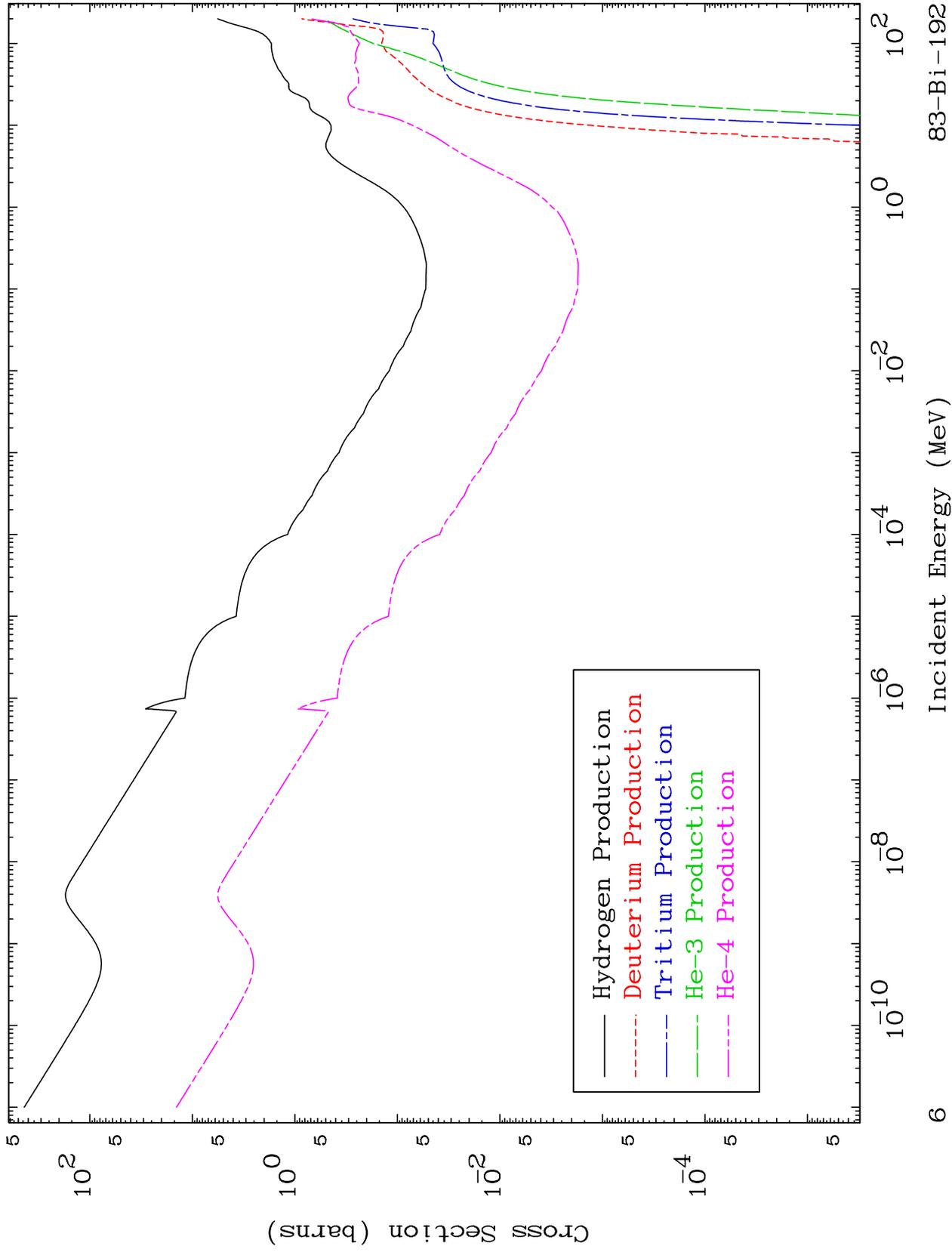
83-Bi-192



MAT 8275

Particle Production
293 Kelvin Cross Sections

83-Bi-192

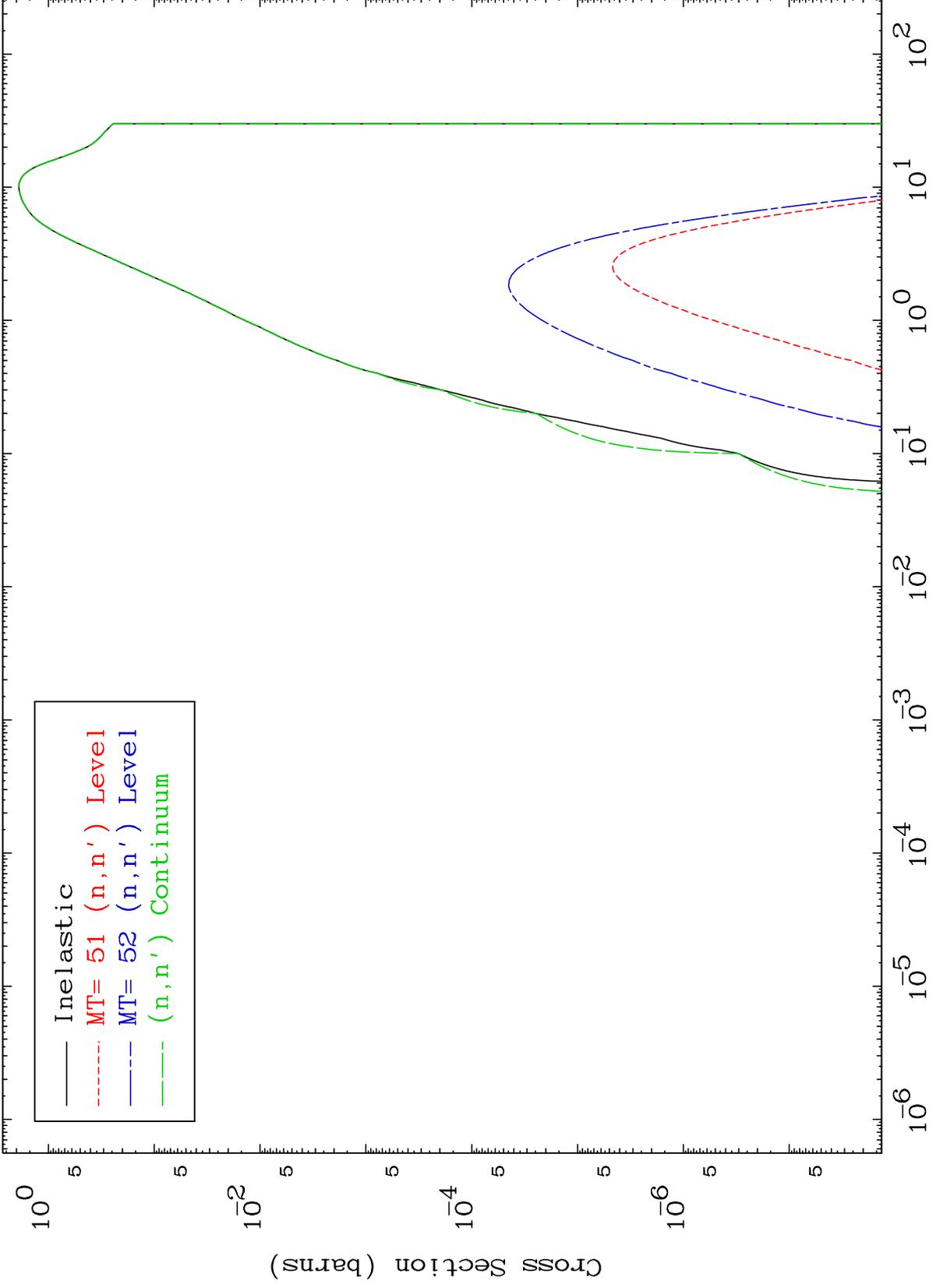


MAT 8275

(n,n') Level

83-Bi-192

293 Kelvin Cross Sections

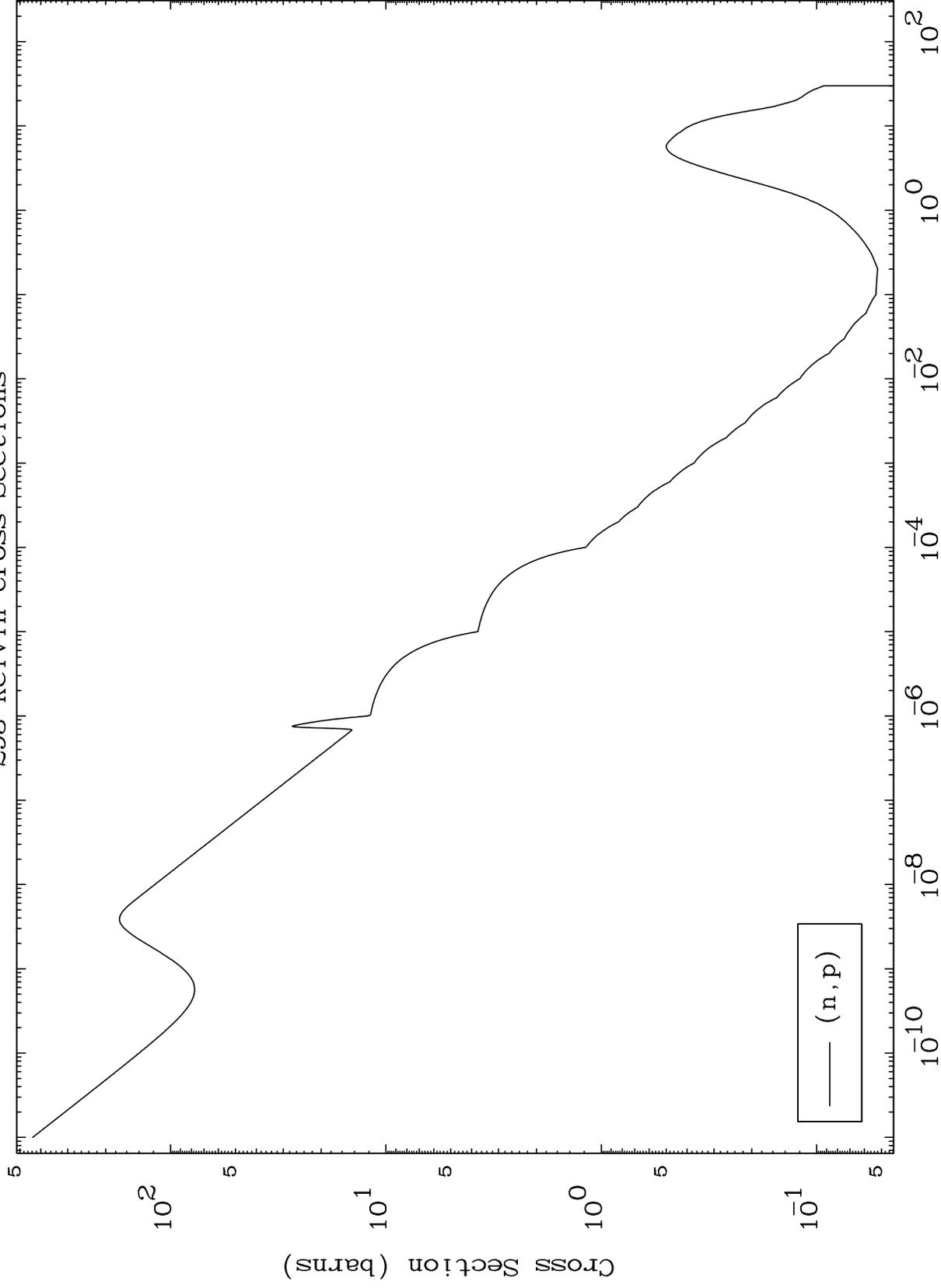


Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- - - MT= 52 (n,n') Level
- - - (n,n') Continuum

MAT 8275

(n,p) Levels
293 Kelvin Cross Sections

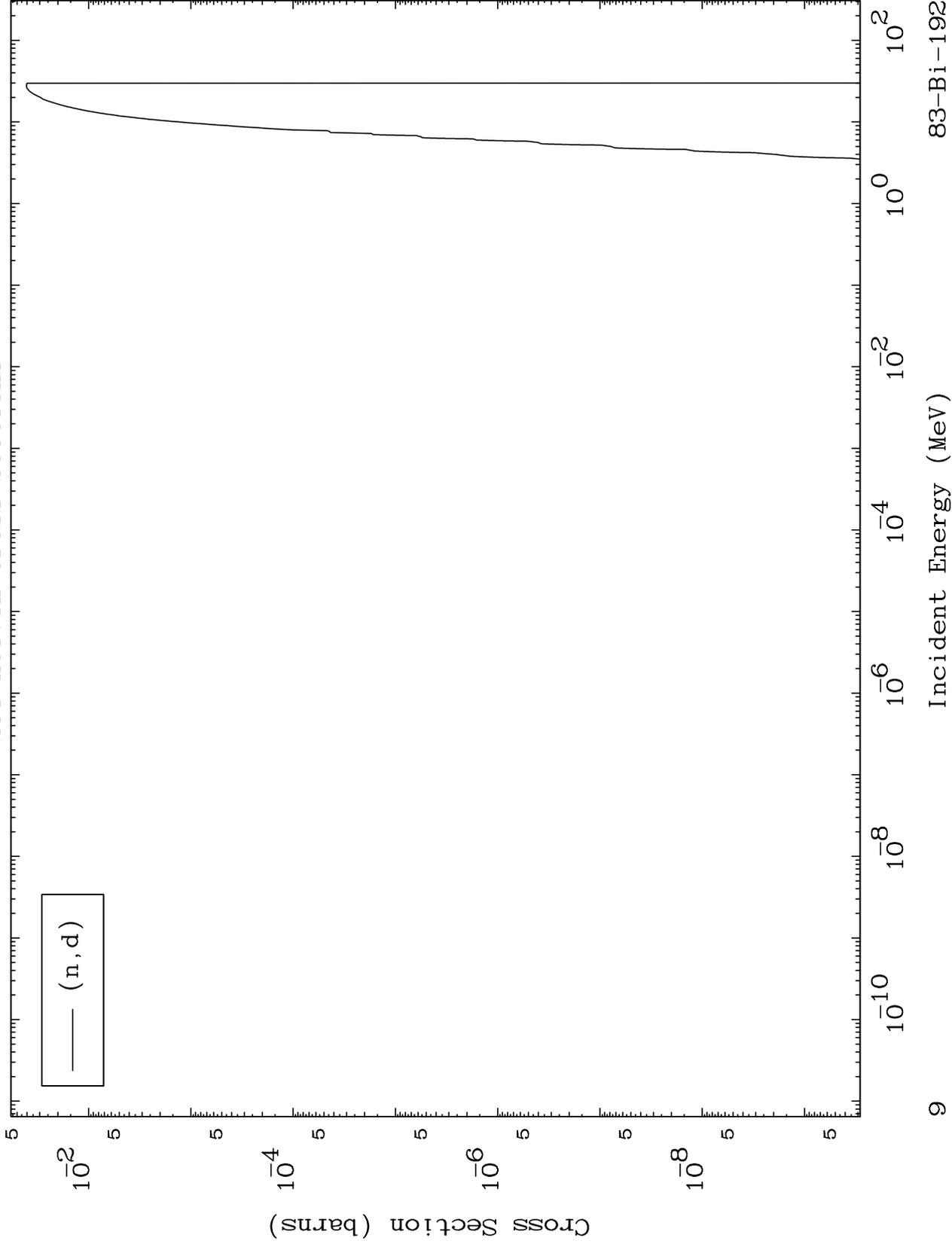
83-Bi-192



MAT 8275

(n,d) Levels
293 Kelvin Cross Sections

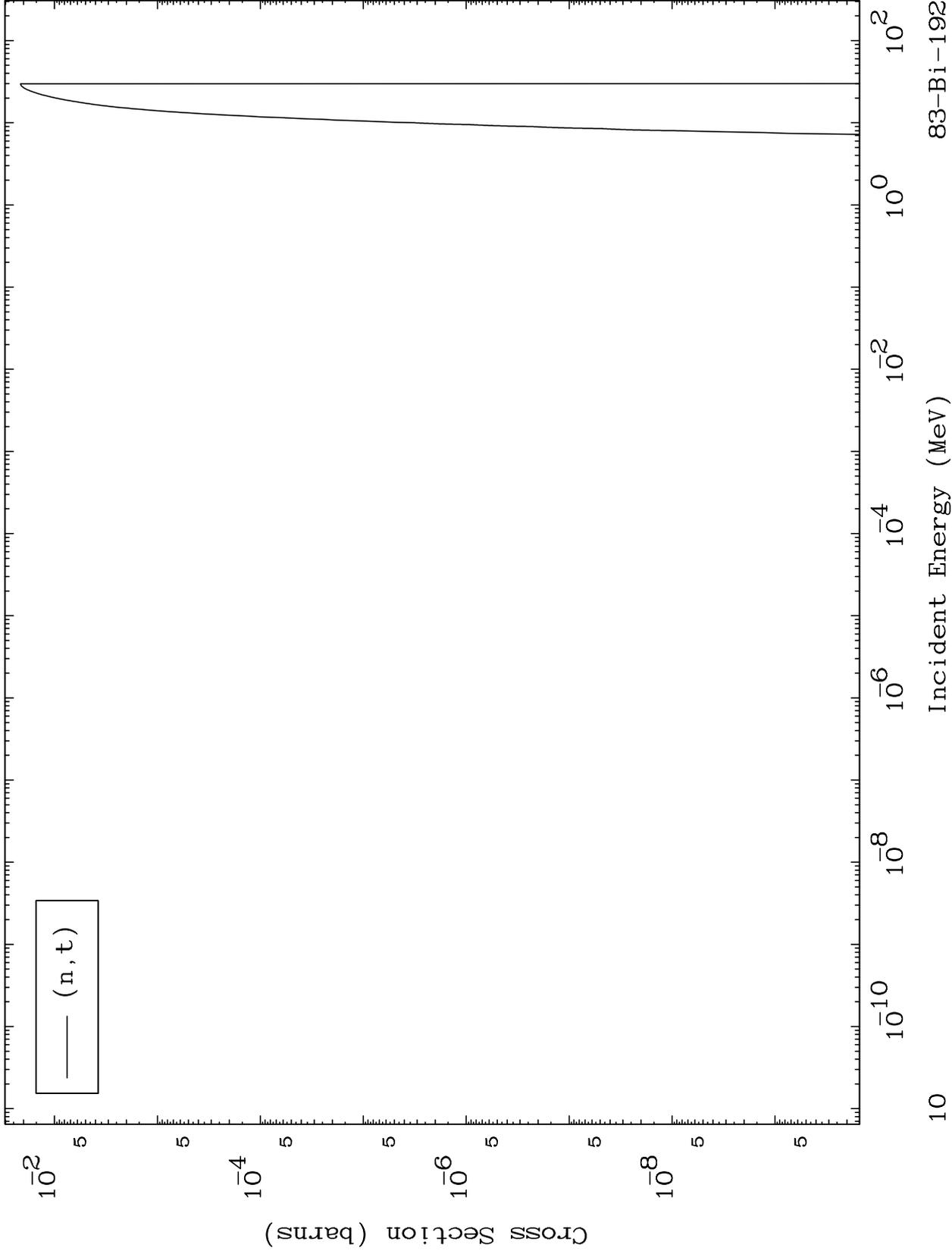
83-Bi-192



MAT 8275

(n,t) Levels
293 Kelvin Cross Sections

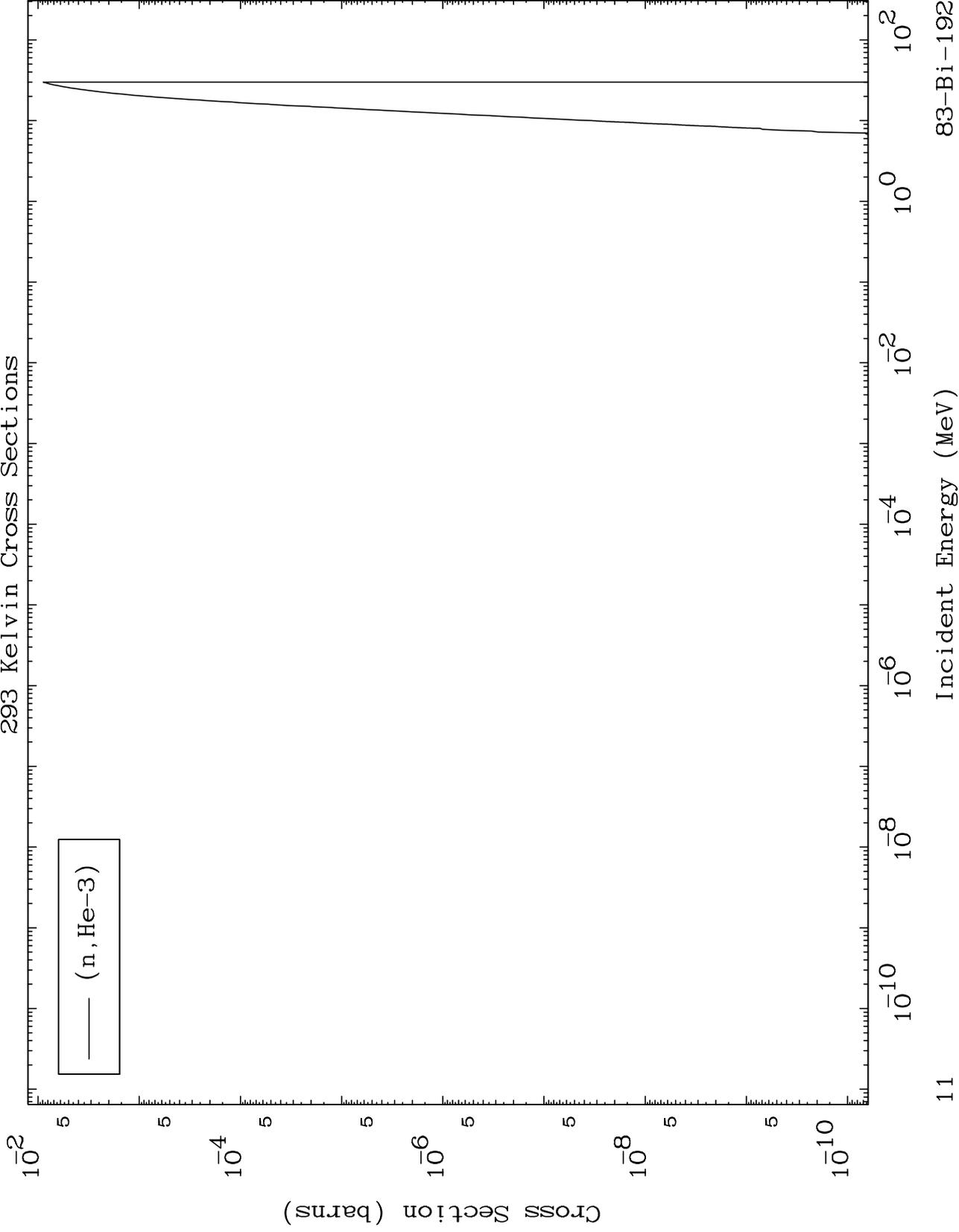
83-Bi-192



MAT 8275

(n,He3) Levels
293 Kelvin Cross Sections

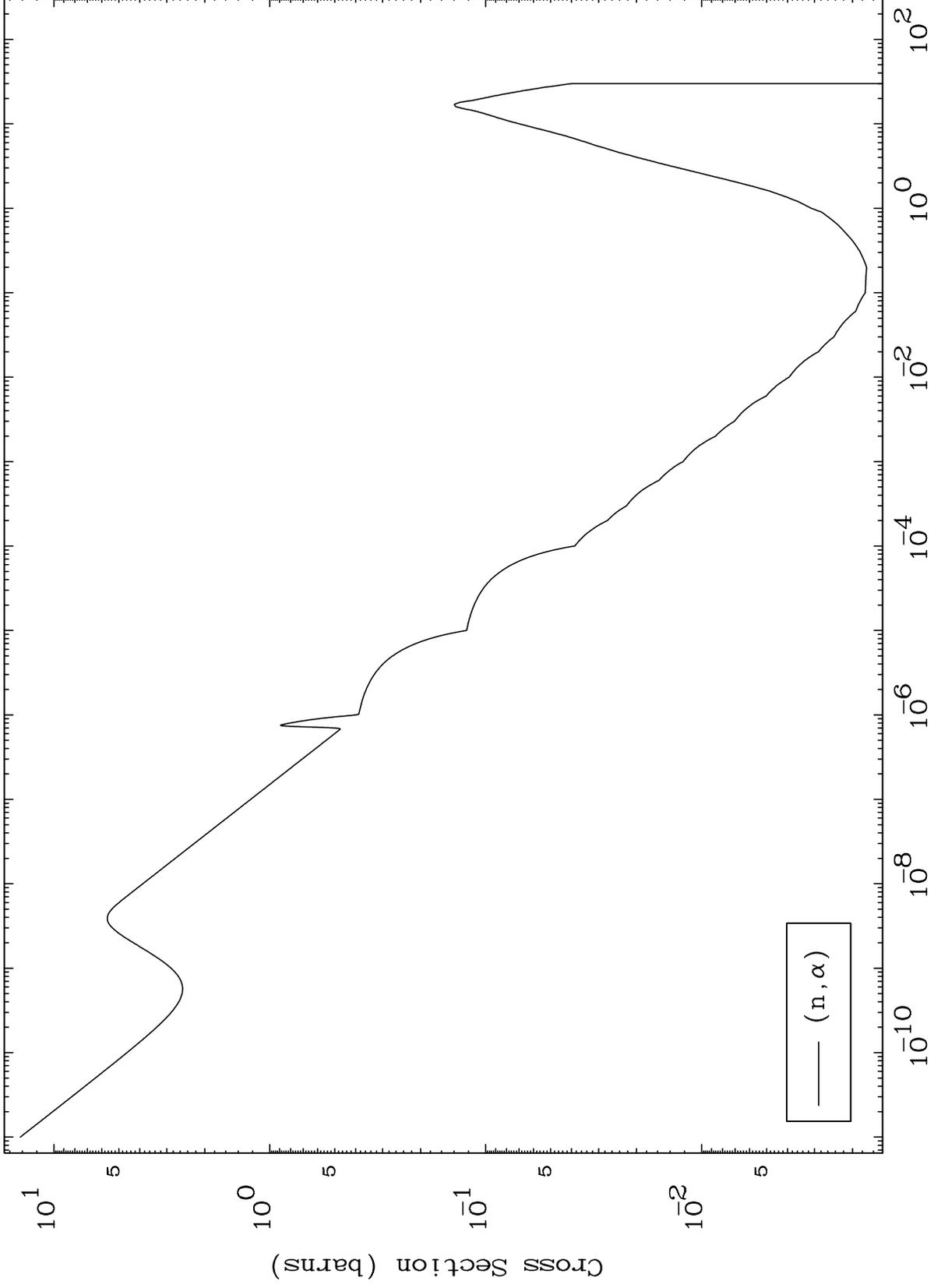
83-Bi-192



MAT 8275

(n,α) Levels
293 Kelvin Cross Sections

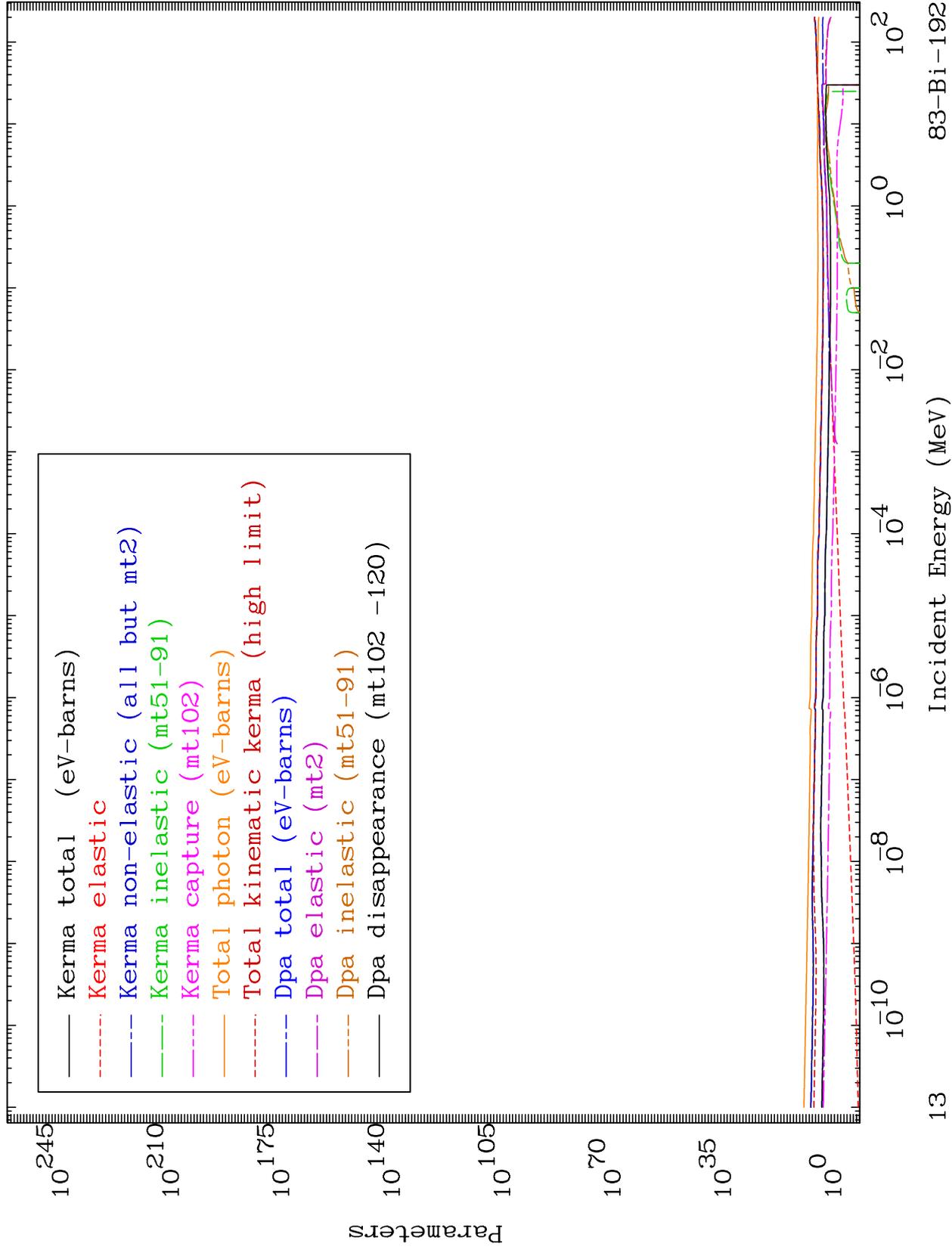
83-Bi-192



12

Incident Energy (MeV)

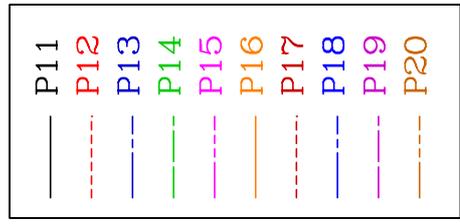
83-Bi-192



MAT 8275

Elastic Legendre Coefficients

83-Bi-192



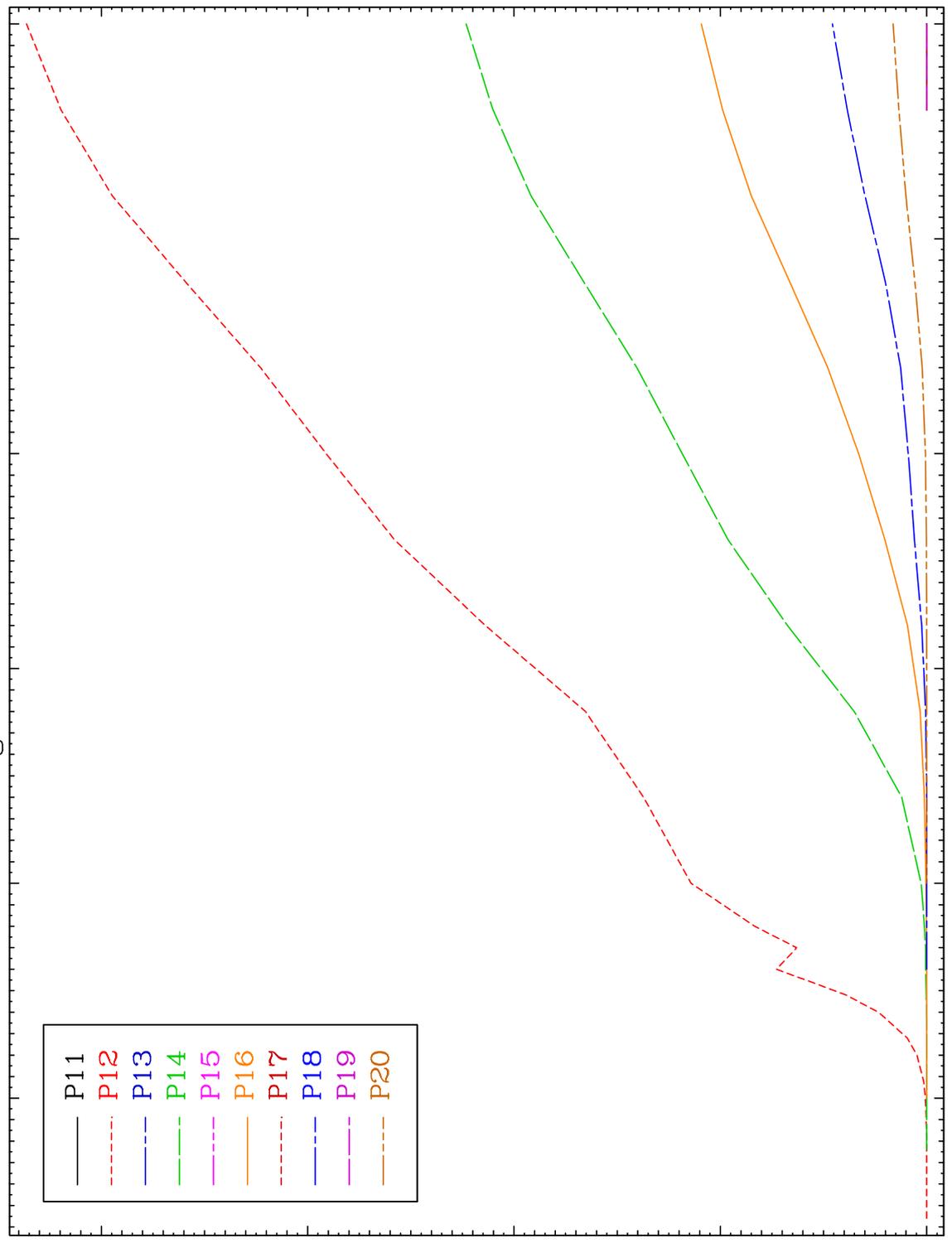
$\times 10^{-4}$
2.0
1.5
1.0
0.5
0.0

Legendre (CM)

15

Incident Energy (MeV)

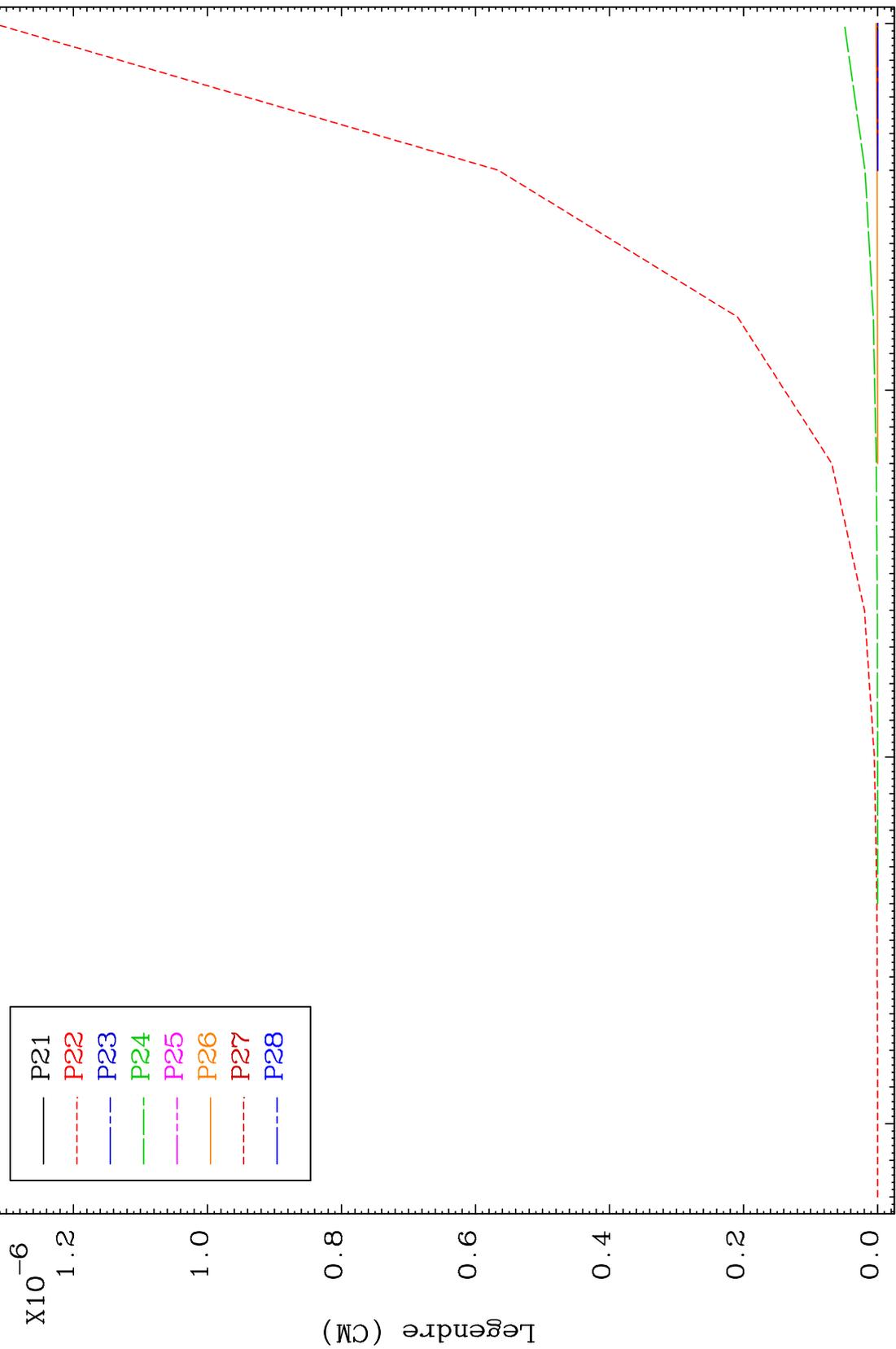
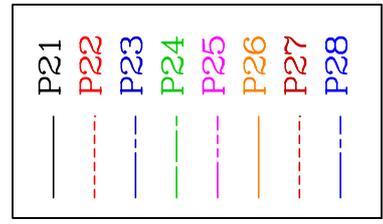
83-Bi-192



MAT 8275

Elastic
Legendre Coefficients

83-Bi-192



16

Incident Energy (MeV)

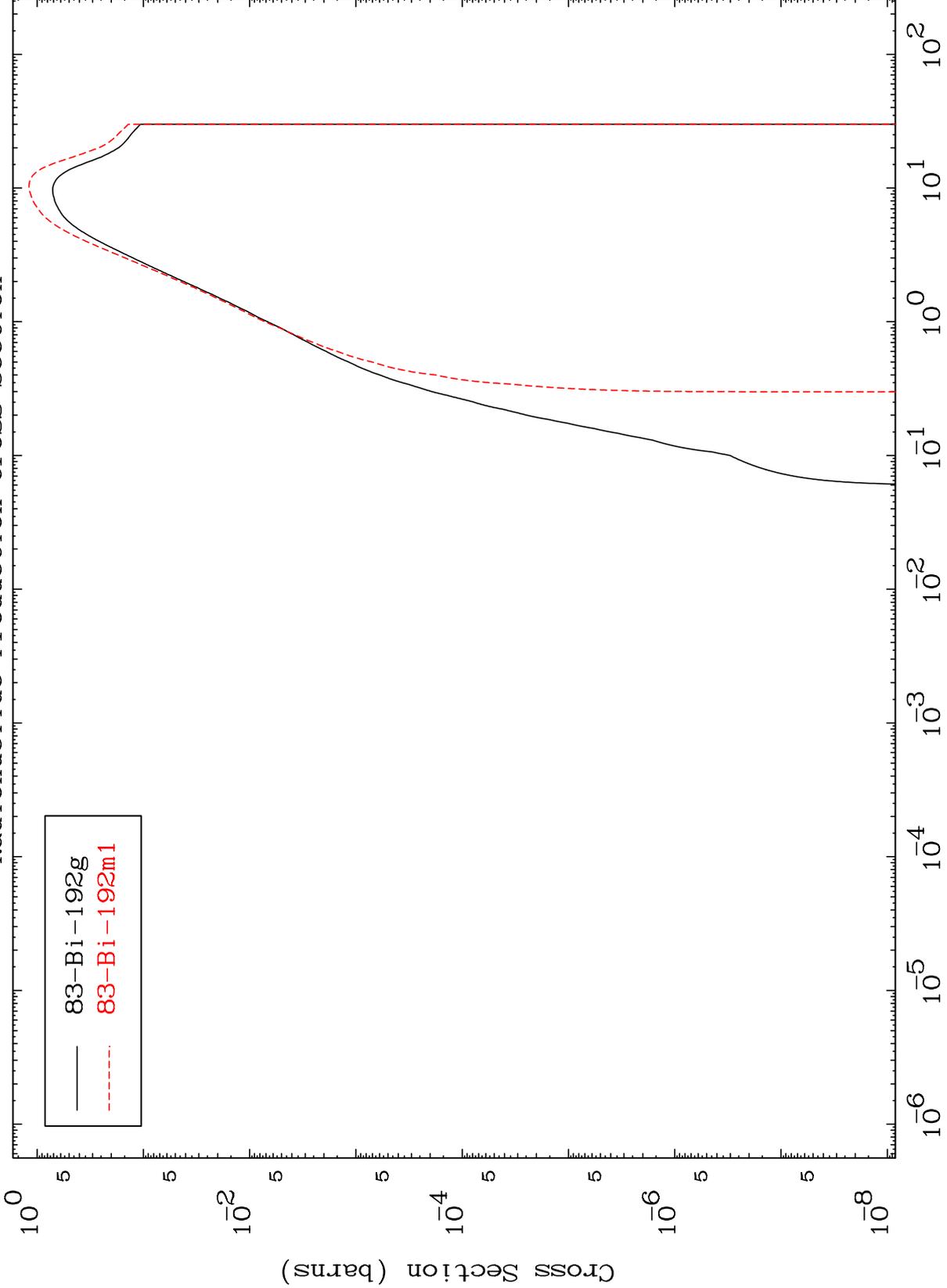
83-Bi-192

MAT 8275

Inelastic

83-Bi-192

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-192

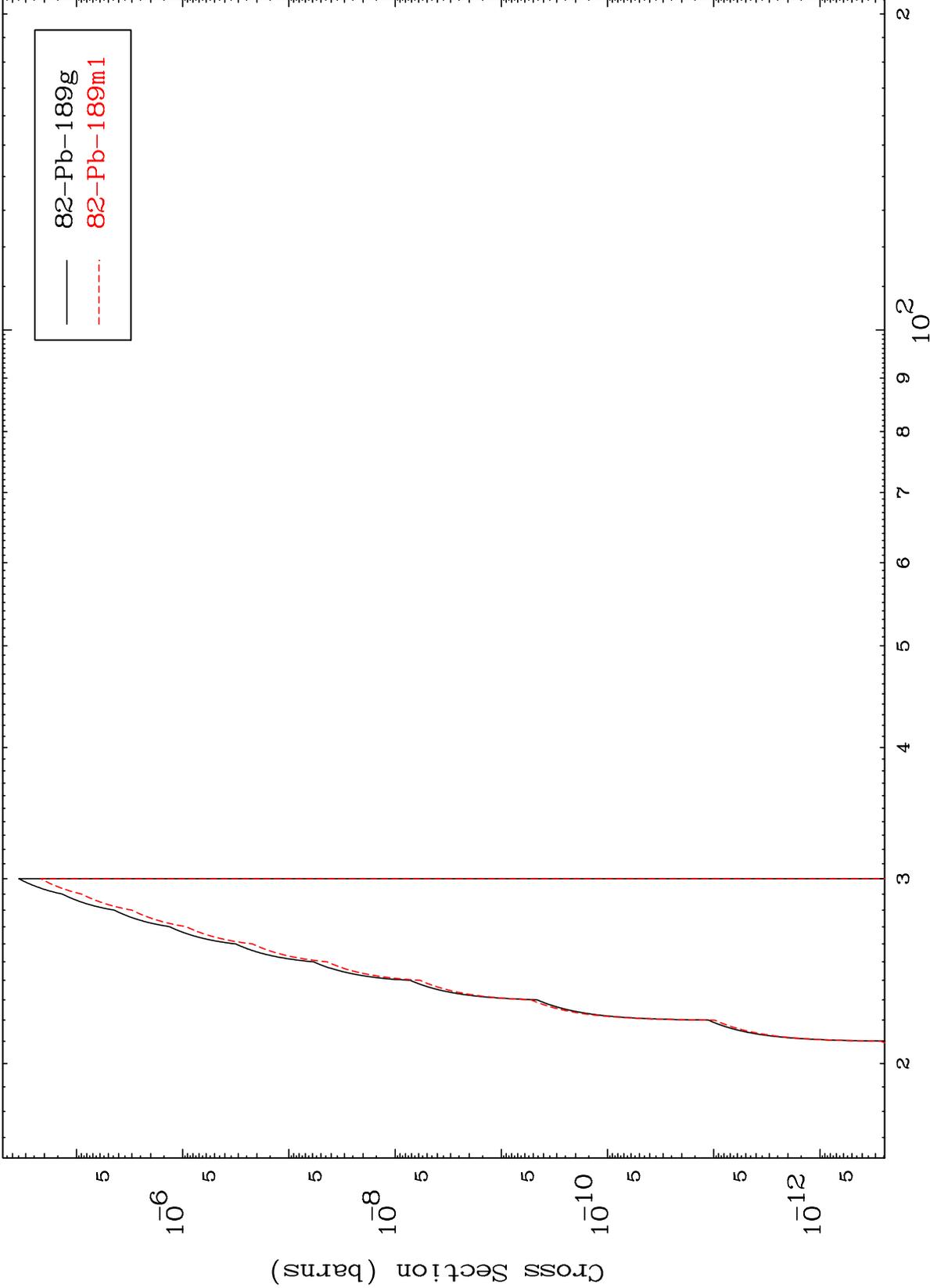
17

MAT 8275

(n,2n) d

83-Bi-192

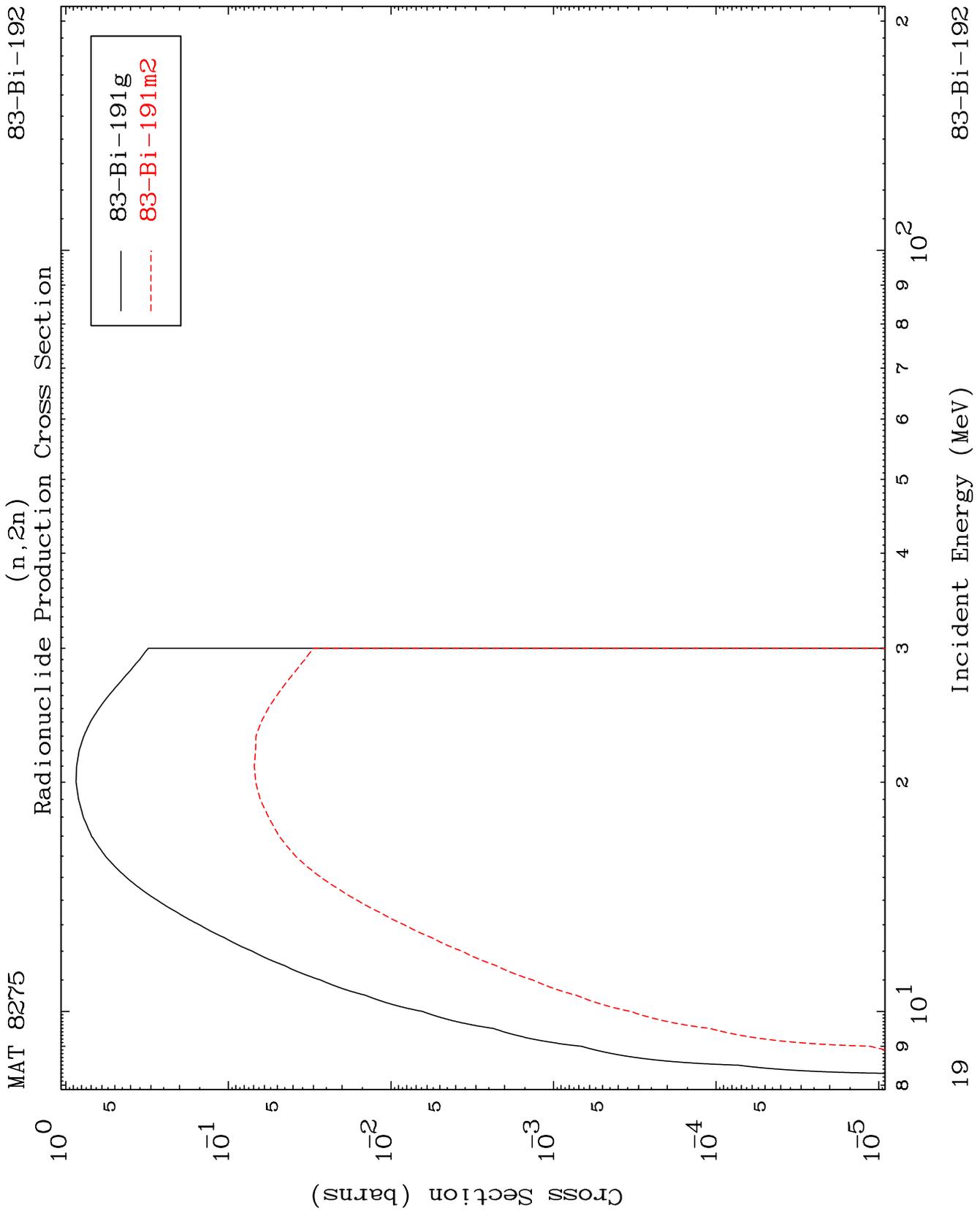
Radionuclide Production Cross Section



18

Incident Energy (MeV)

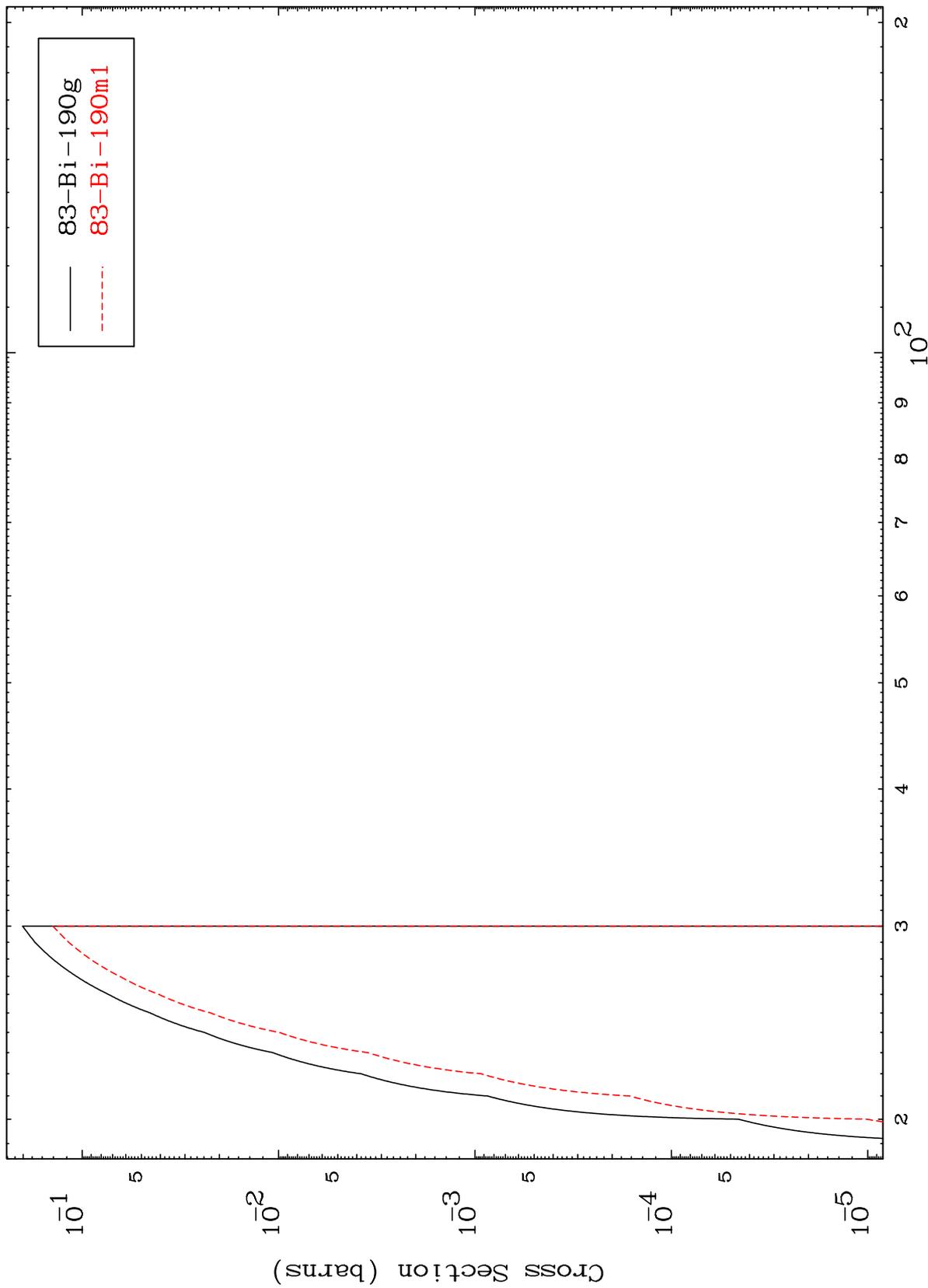
83-Bi-192



MAT 8275

83-Bi-192

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

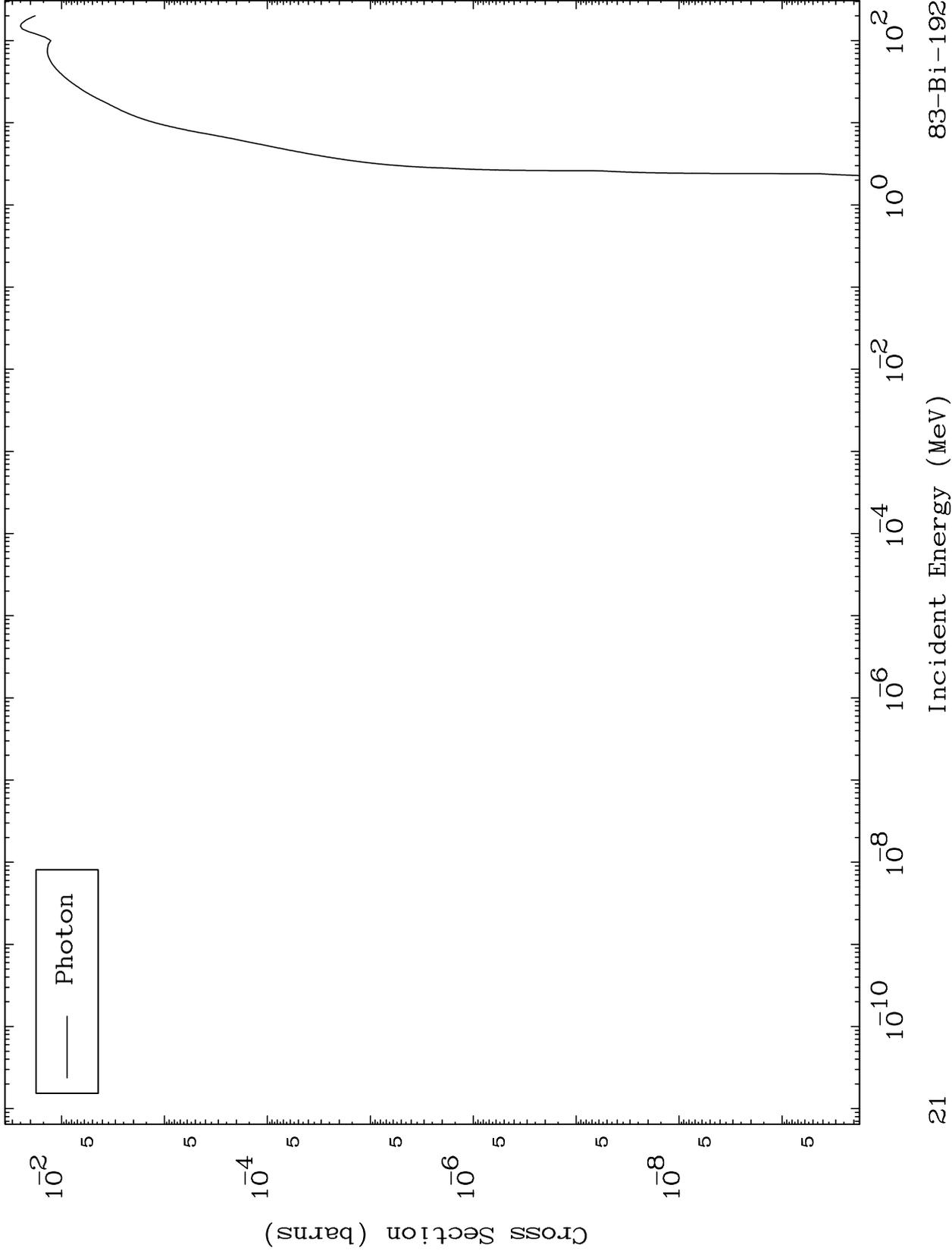
83-Bi-192

MAT 8275

Fission

83-Bi-192

Radionuclide Production Cross Section

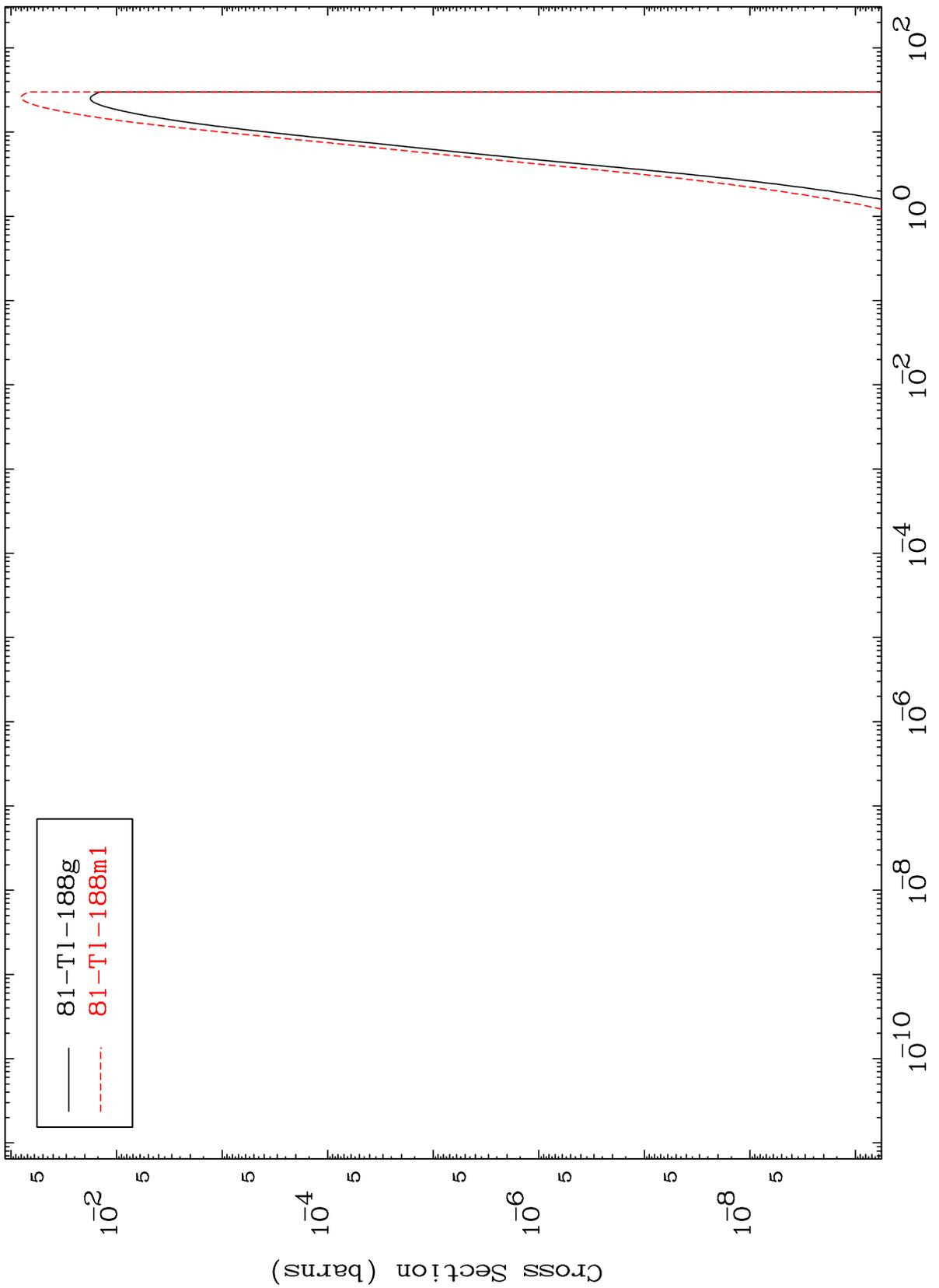


MAT 8275

$(n, n') \alpha$

83-Bi-192

Radionuclide Production Cross Section

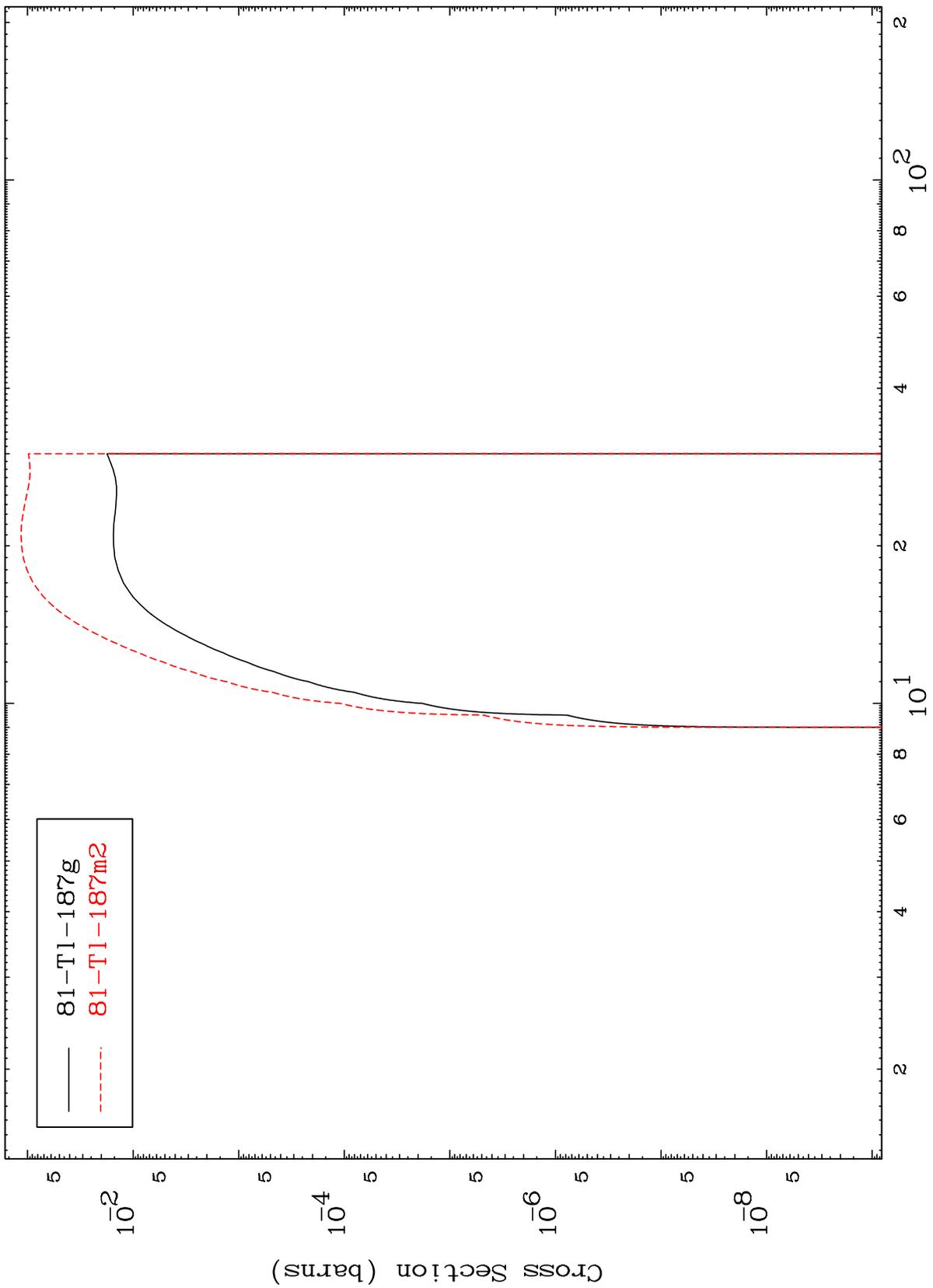


MAT 8275

$(n,2n) \alpha$

83-Bi-192

Radionuclide Production Cross Section

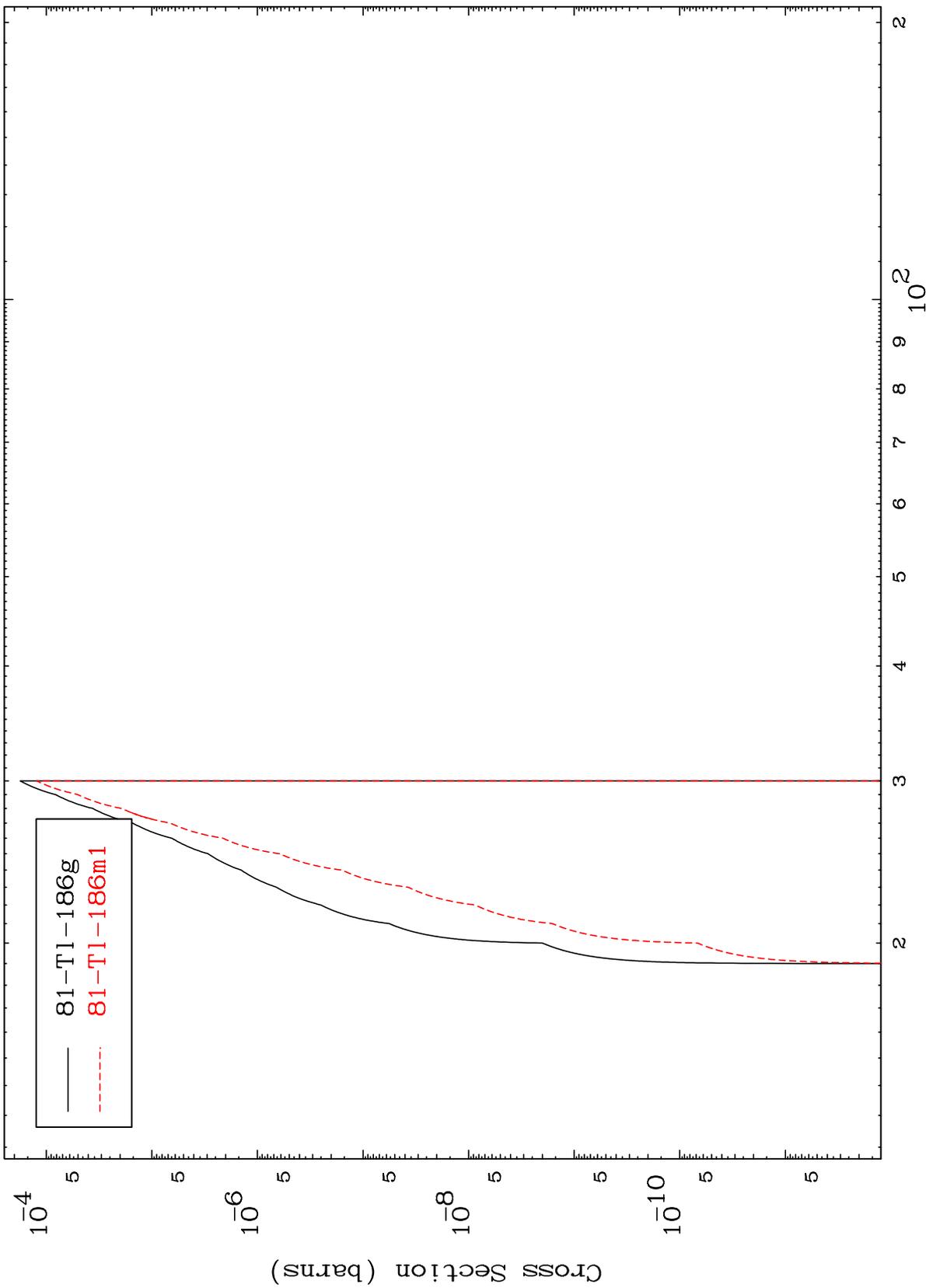


MAT 8275

83-Bi-192

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-192

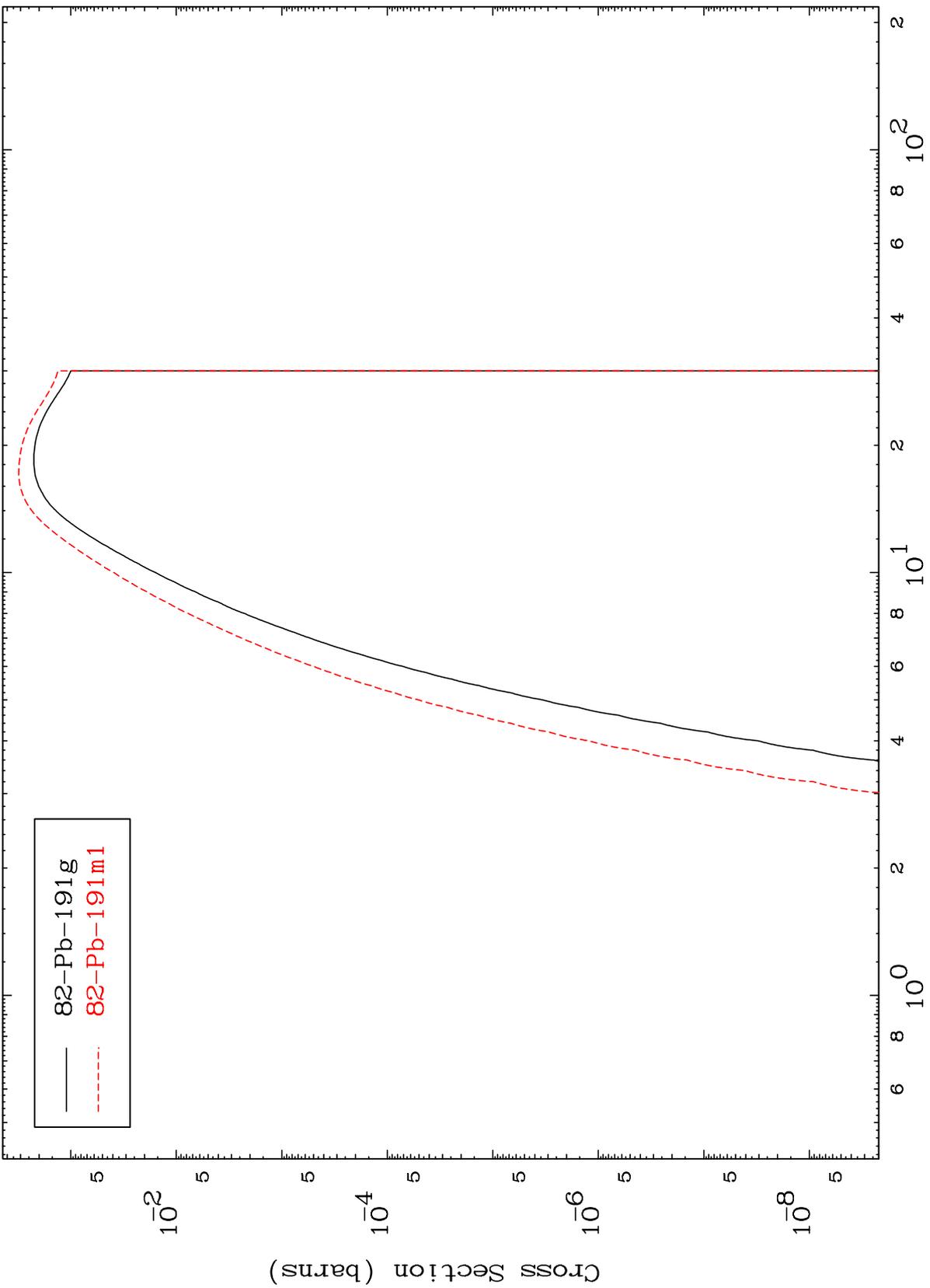
24

MAT 8275

(n,n') p

83-Bi-192

Radionuclide Production Cross Section



25

Incident Energy (MeV)

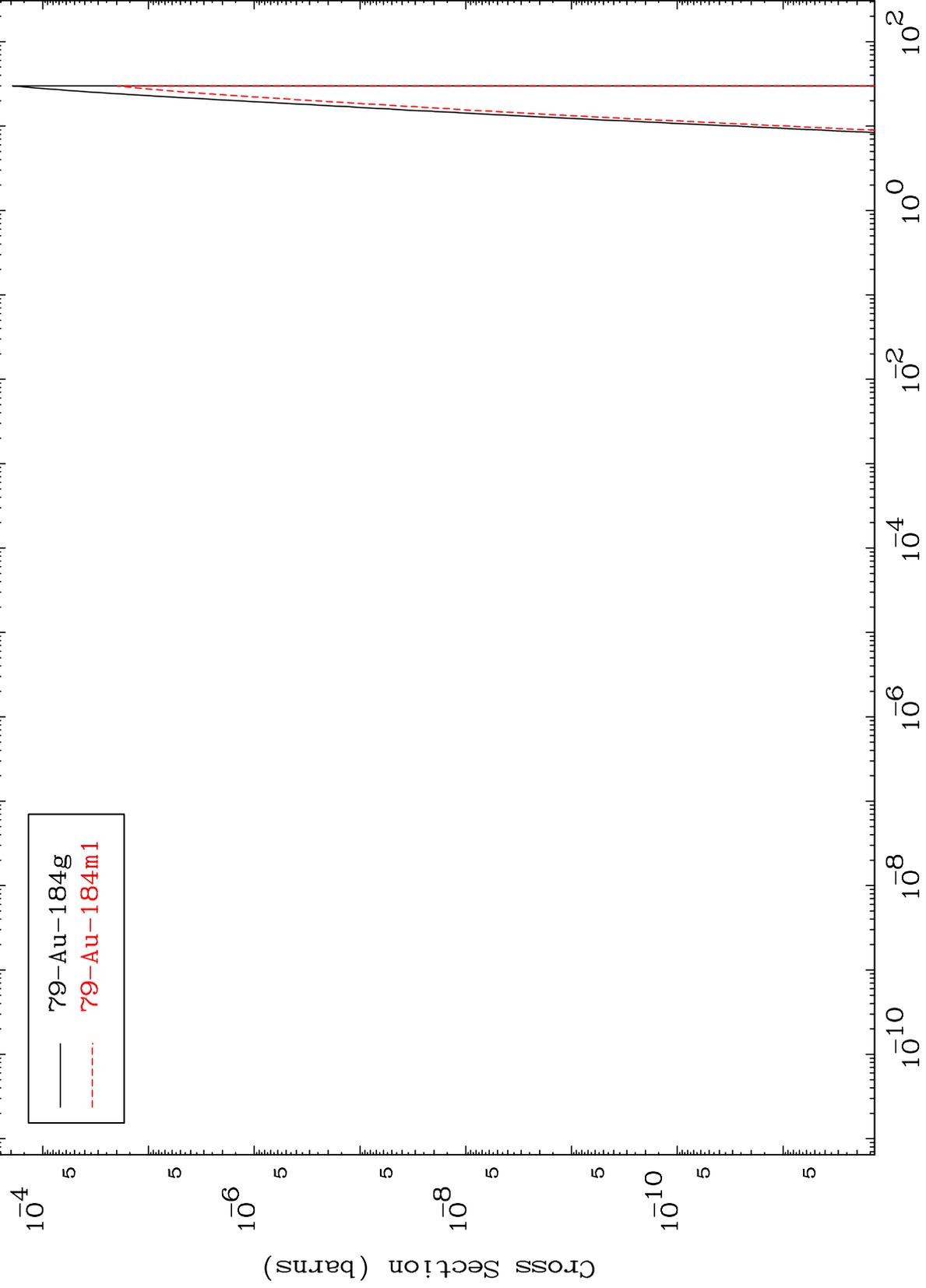
83-Bi-192

MAT 8275

(n,n') 2α

83-Bi-192

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

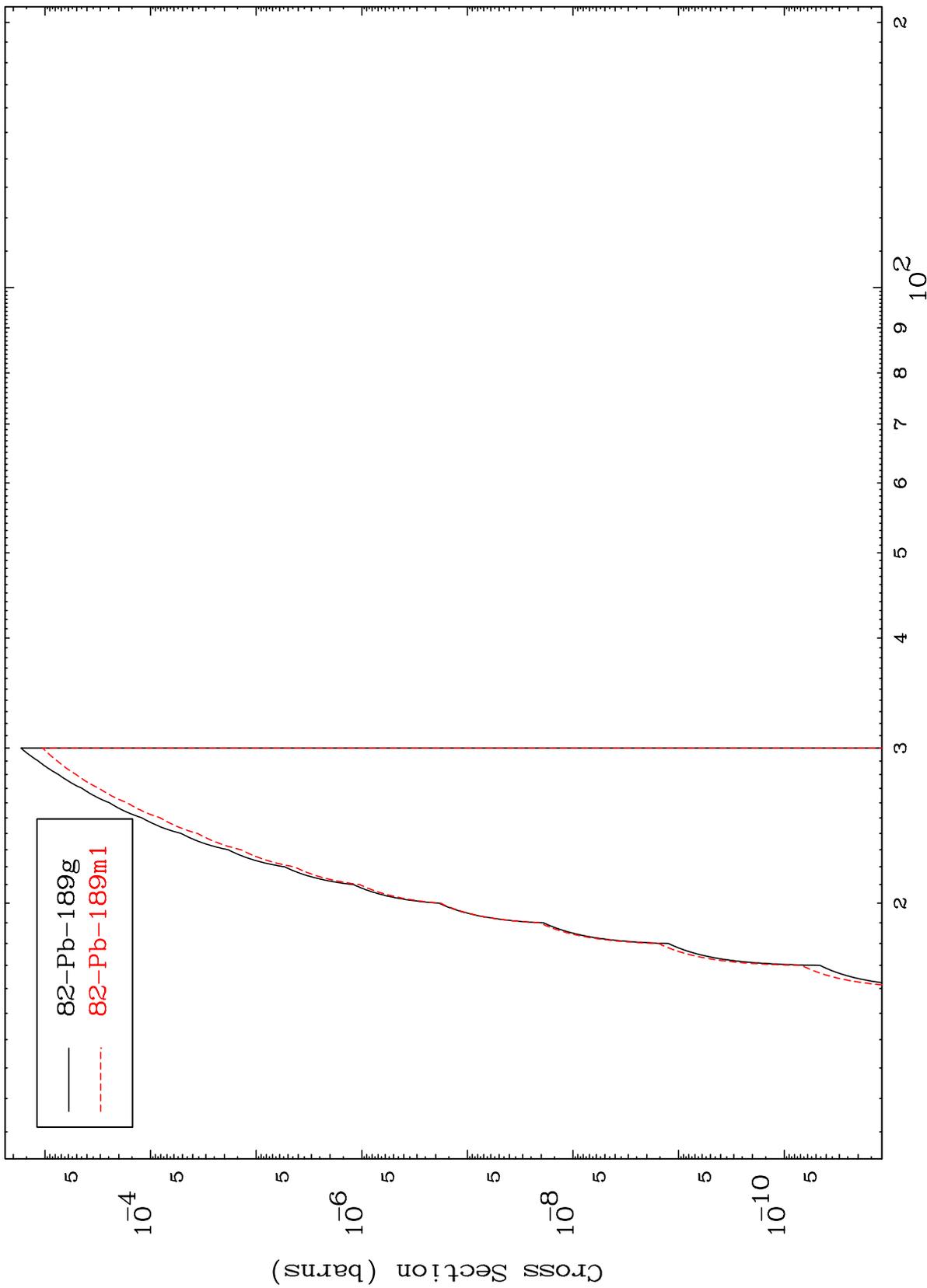
83-Bi-192

MAT 8275

(n,n') t

83-Bi-192

Radionuclide Production Cross Section

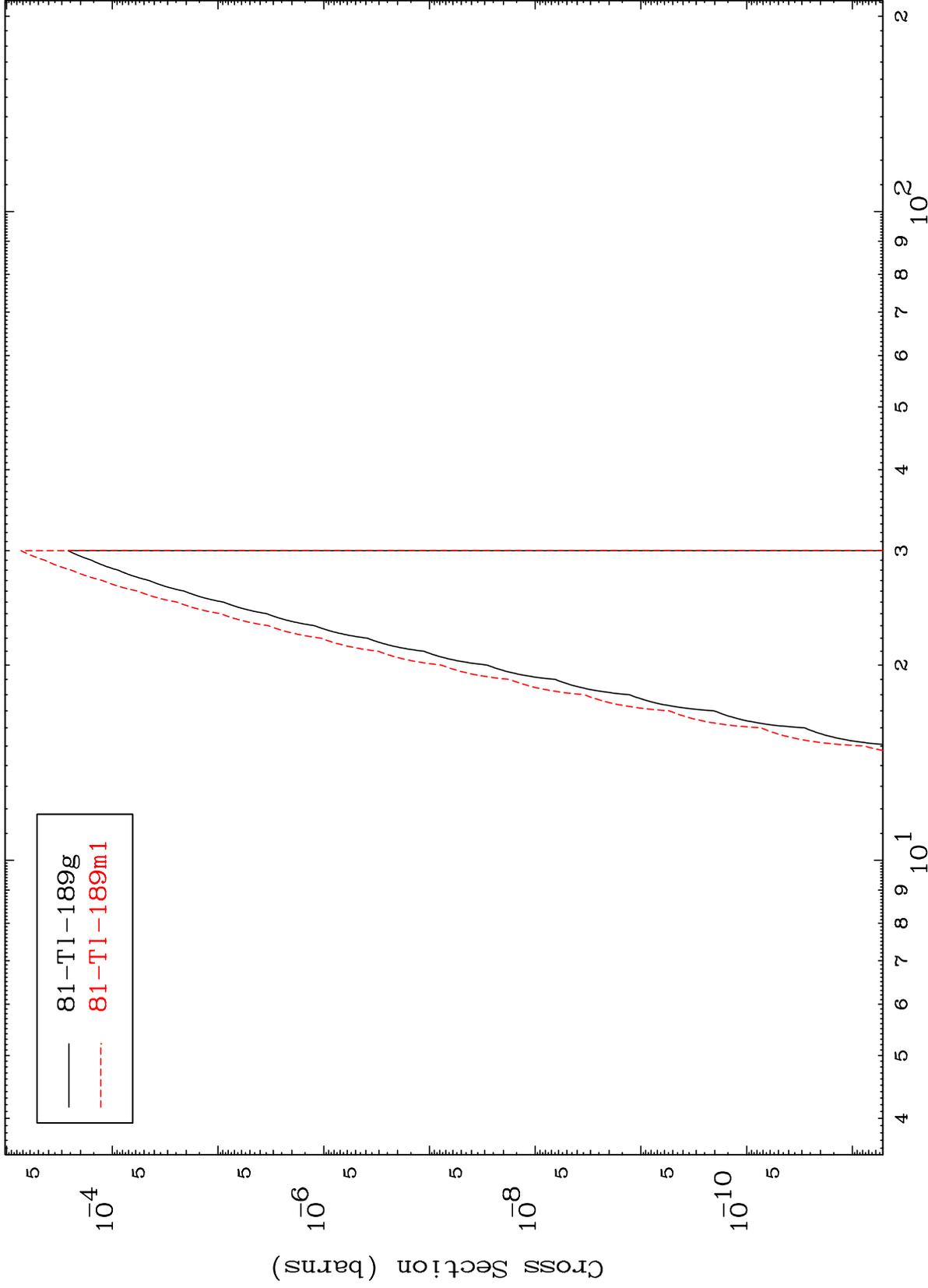


MAT 8275

(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section

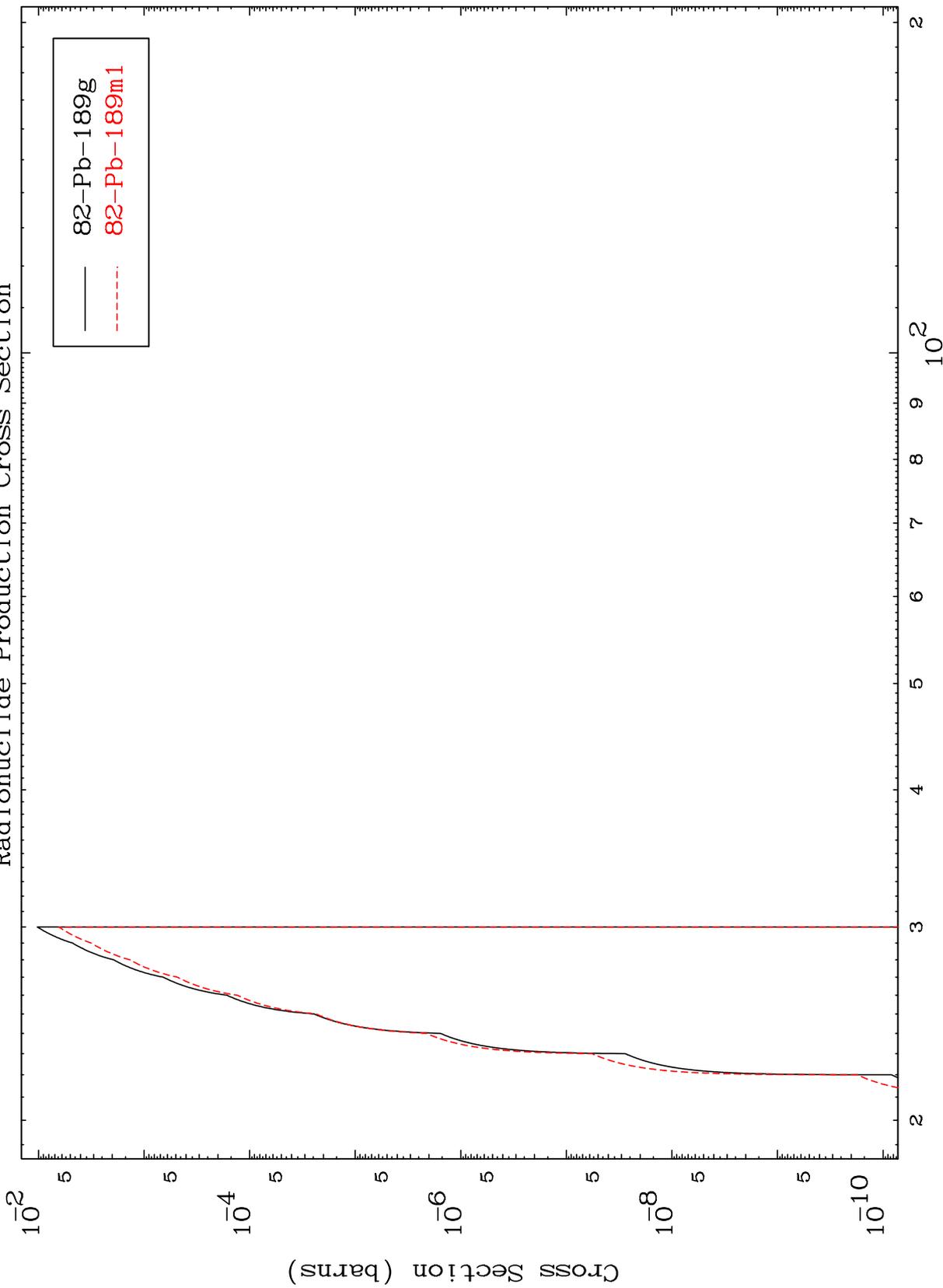


MAT 8275

(n,3n) p

83-Bi-192

Radionuclide Production Cross Section



29

Incident Energy (MeV)

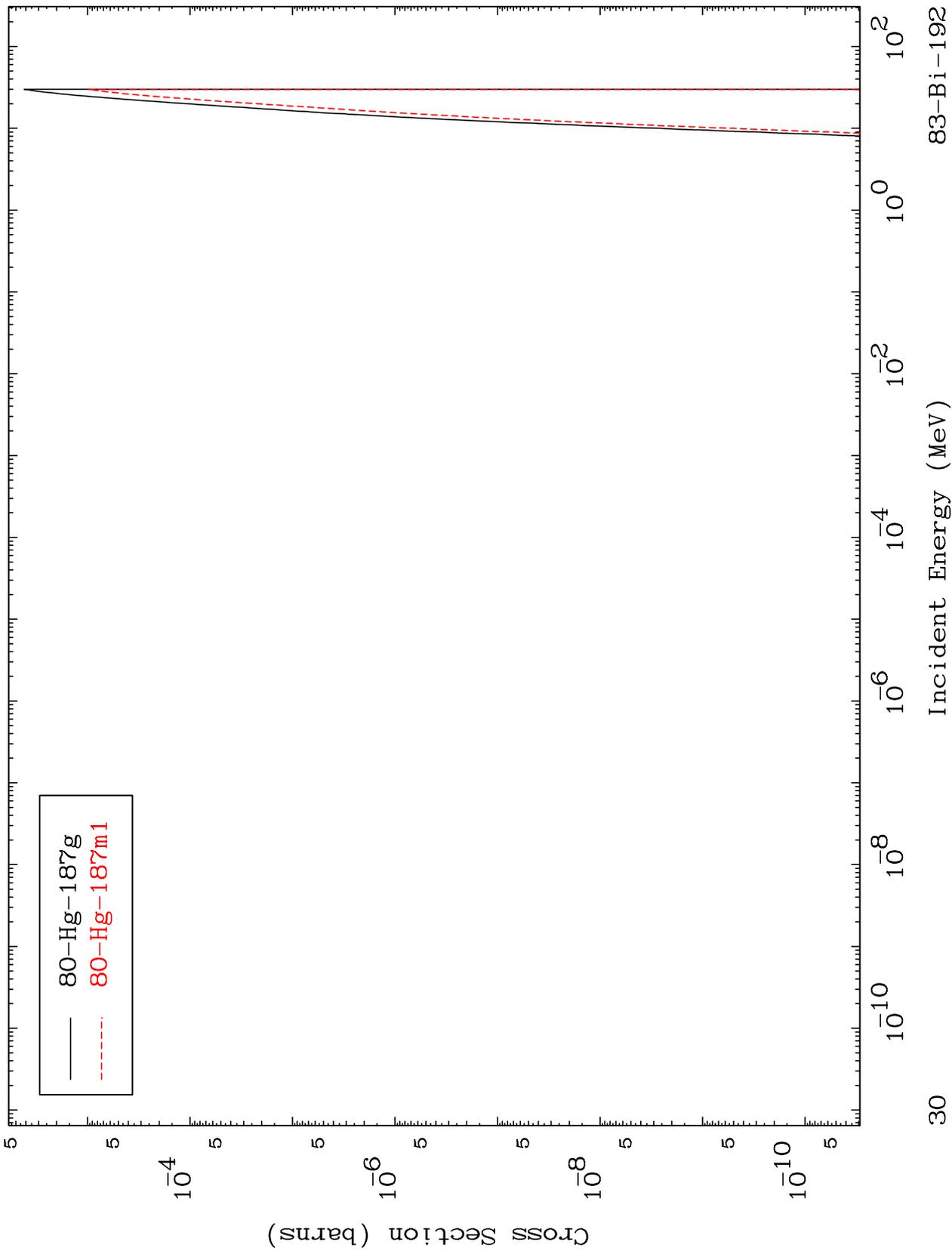
83-Bi-192

MAT 8275

(n,n') p α

83-Bi-192

Radionuclide Production Cross Section



30

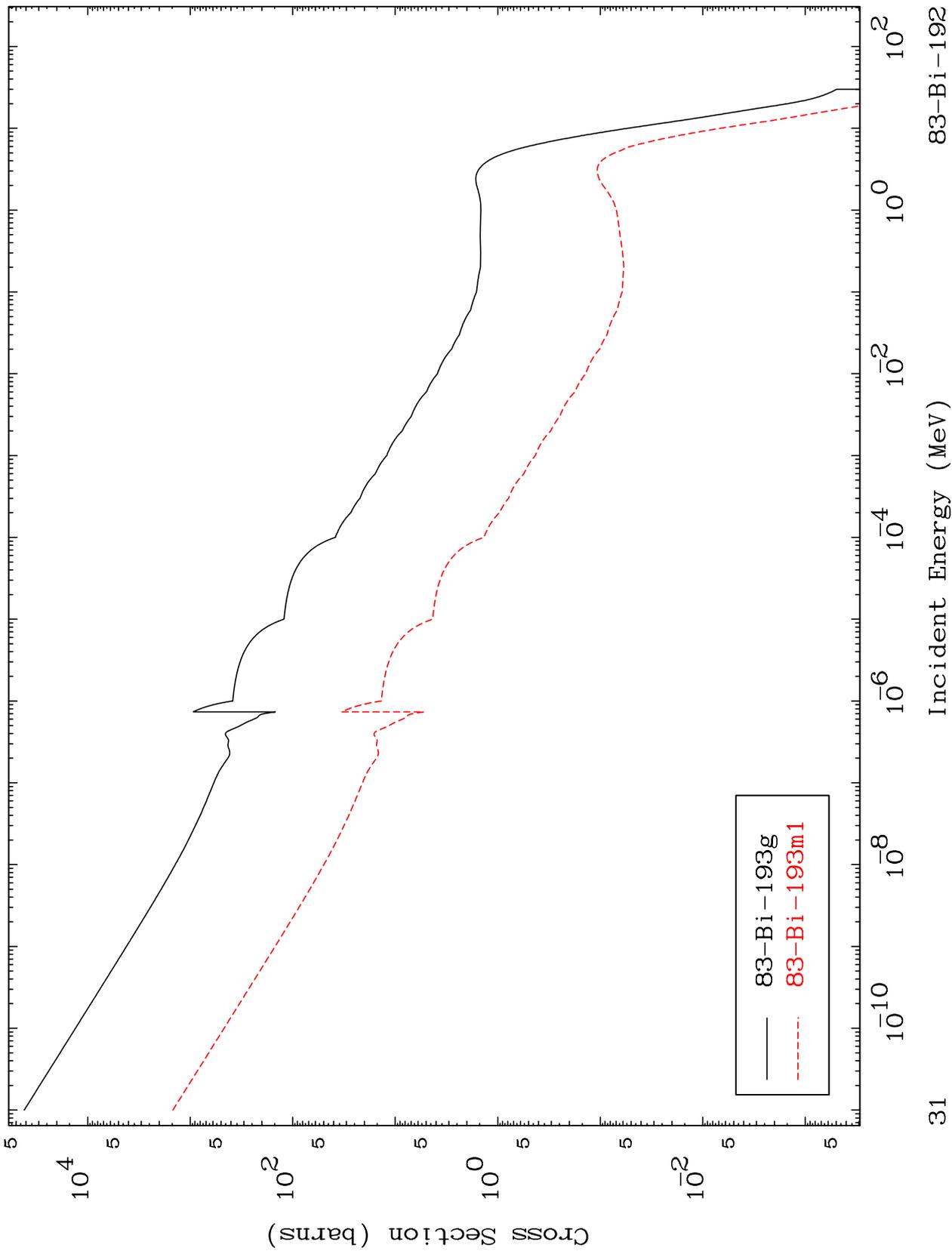
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

Radionuclide Production Cross Section



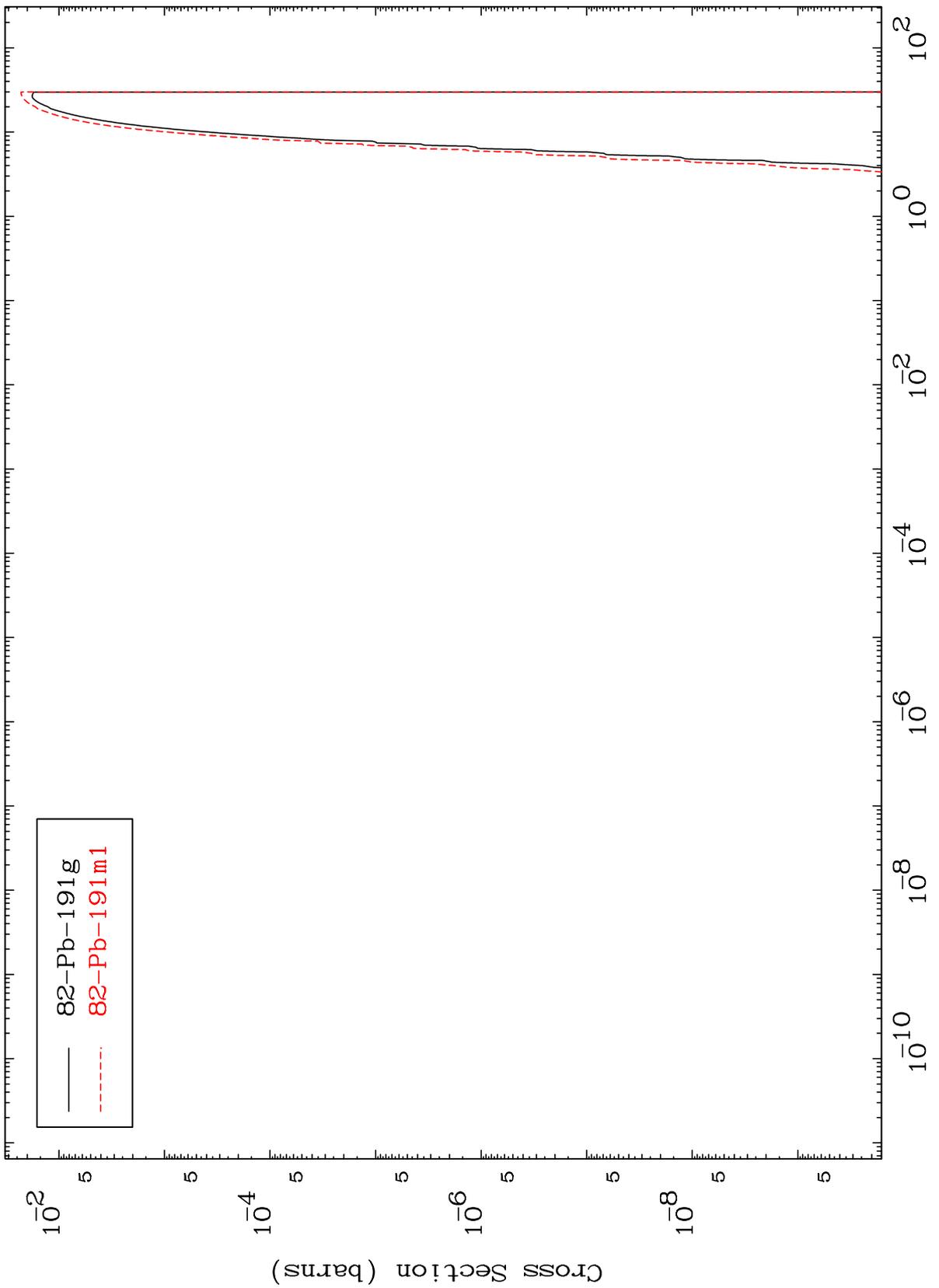
31

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(n,d)

83-Bi-192

Radionuclide Production Cross Section



32

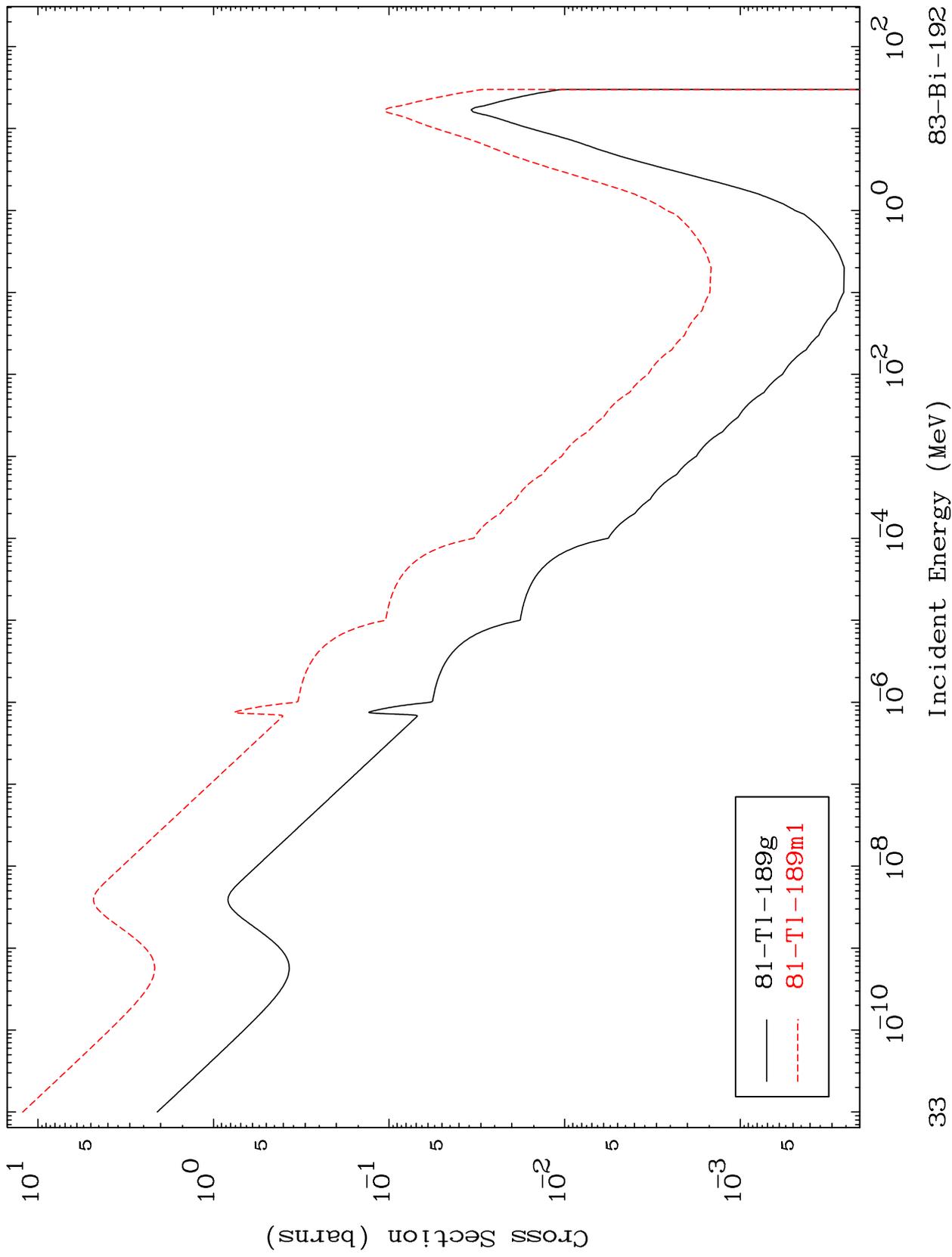
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

Radionuclide Production Cross Section

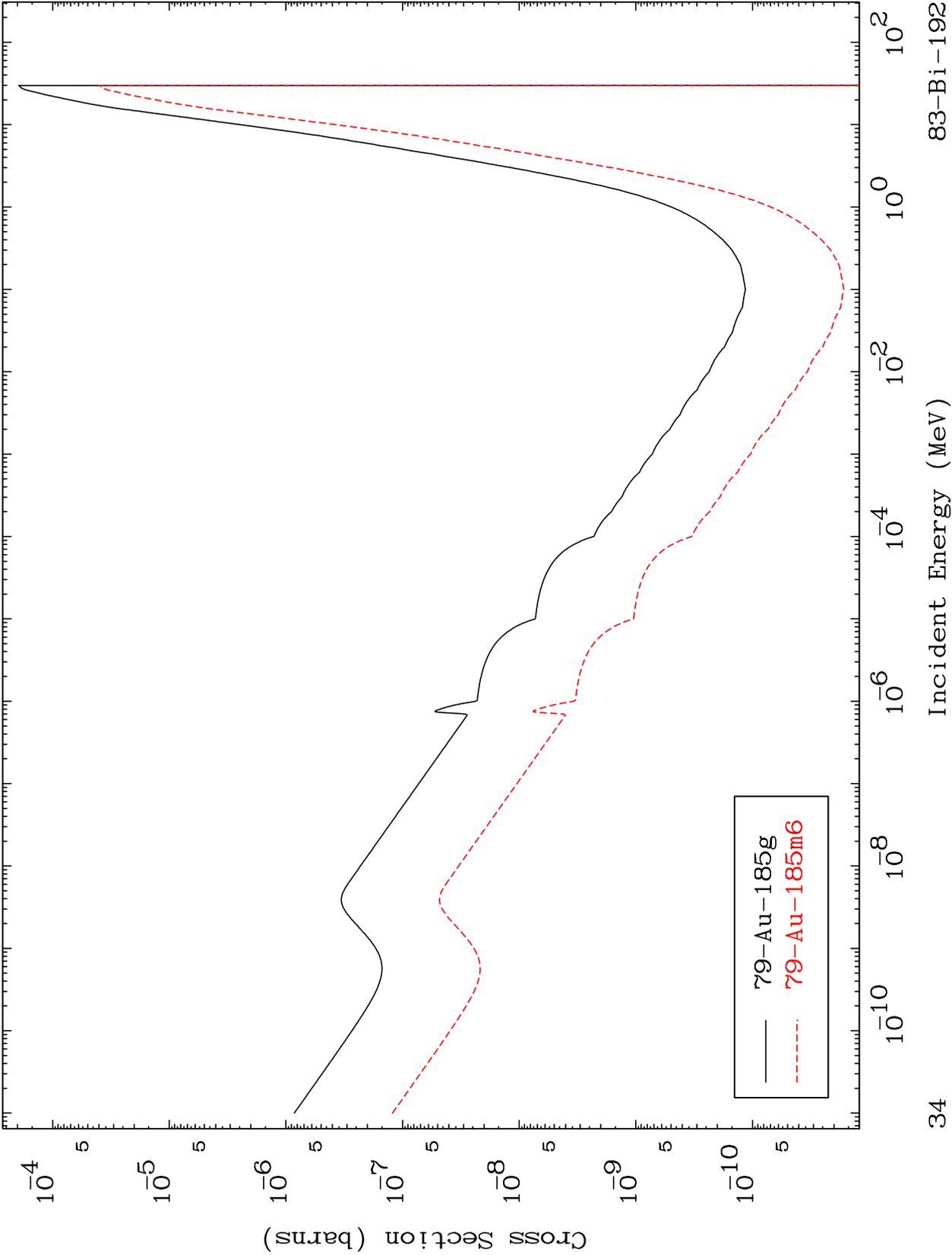


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(n,2α)

83-Bi-192

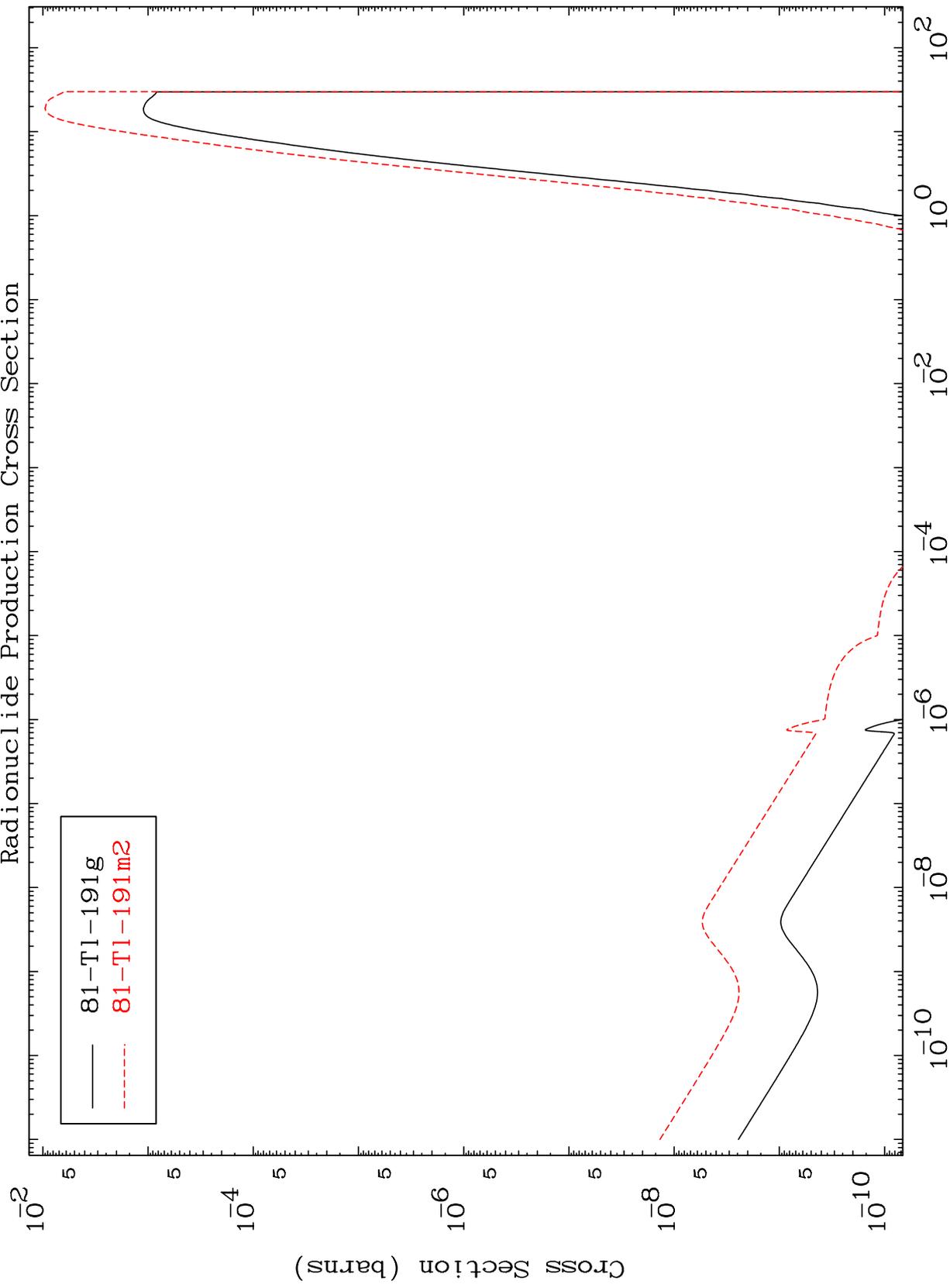
Radionuclide Production Cross Section



MAT 8275

83-Bi-192

(n,2p)
Radionuclide Production Cross Section



83-Bi-192

Incident Energy (MeV)

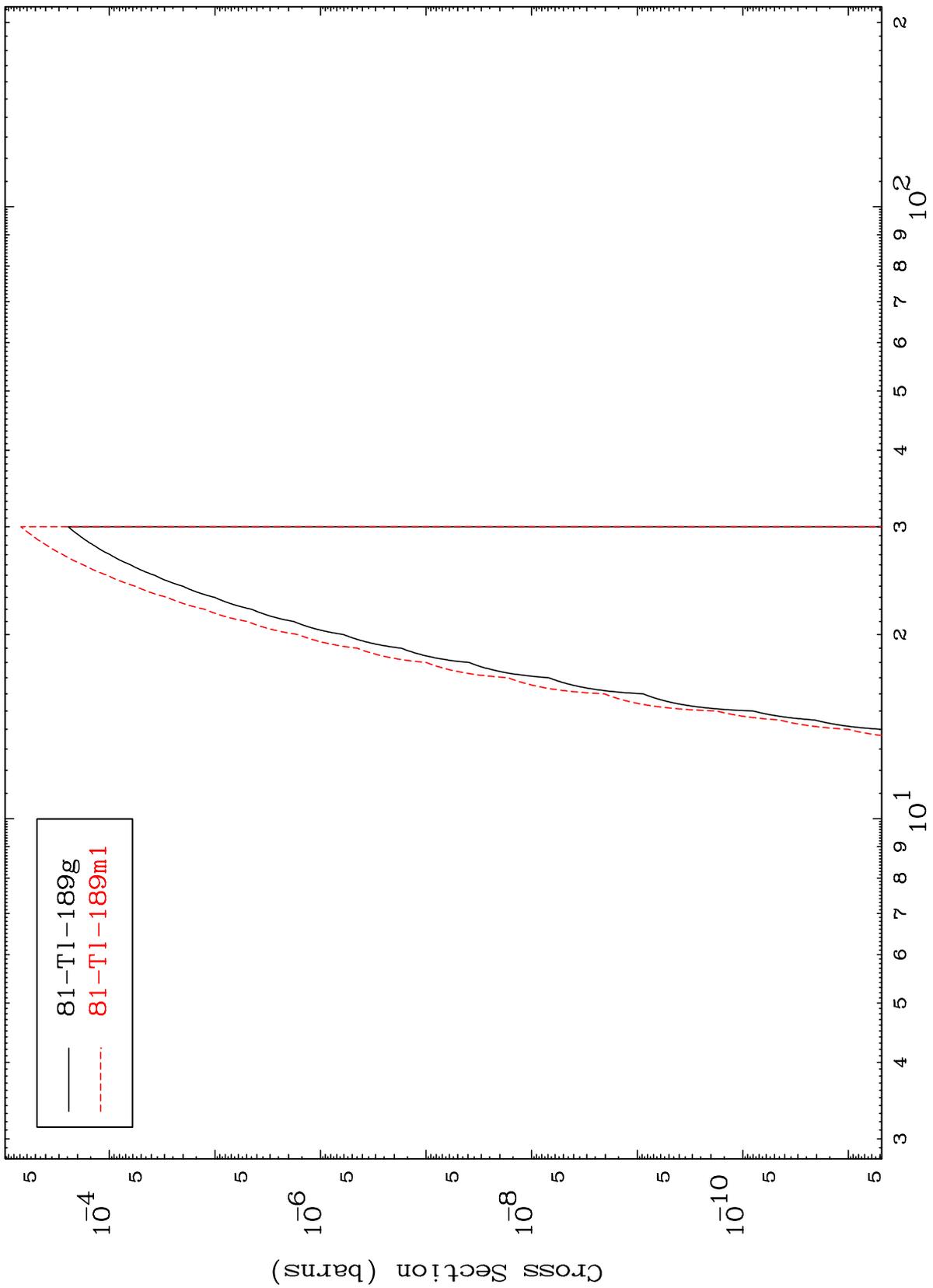
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(n,p) t

83-Bi-192

Radionuclide Production Cross Section



36

Incident Energy (MeV)

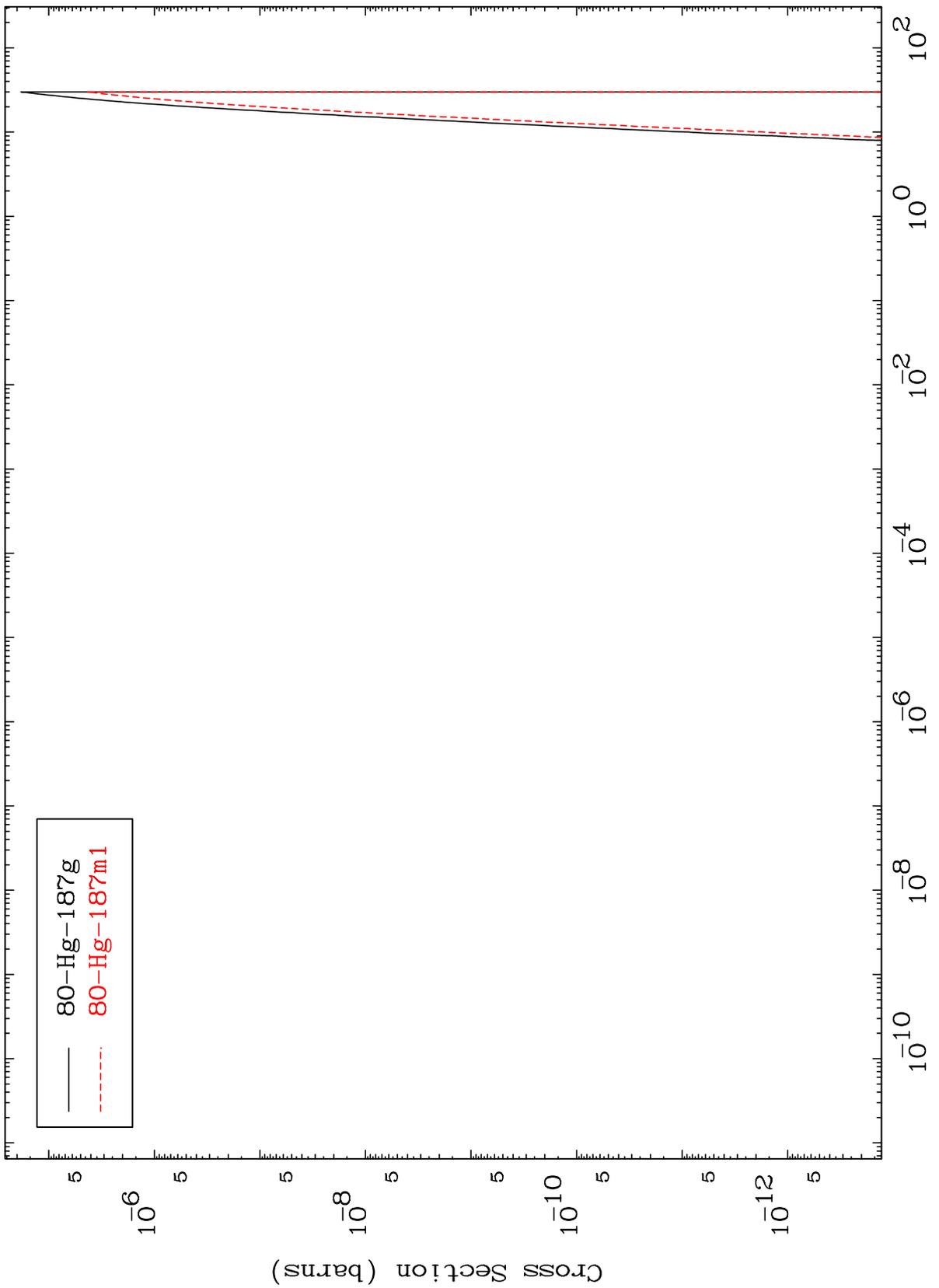
83-Bi-192

MAT 8275

(n,d) α

83-Bi-192

Radionuclide Production Cross Section



37

Incident Energy (MeV)

83-Bi-192