

Program EVALPLOT
(Version 2015-2)

by

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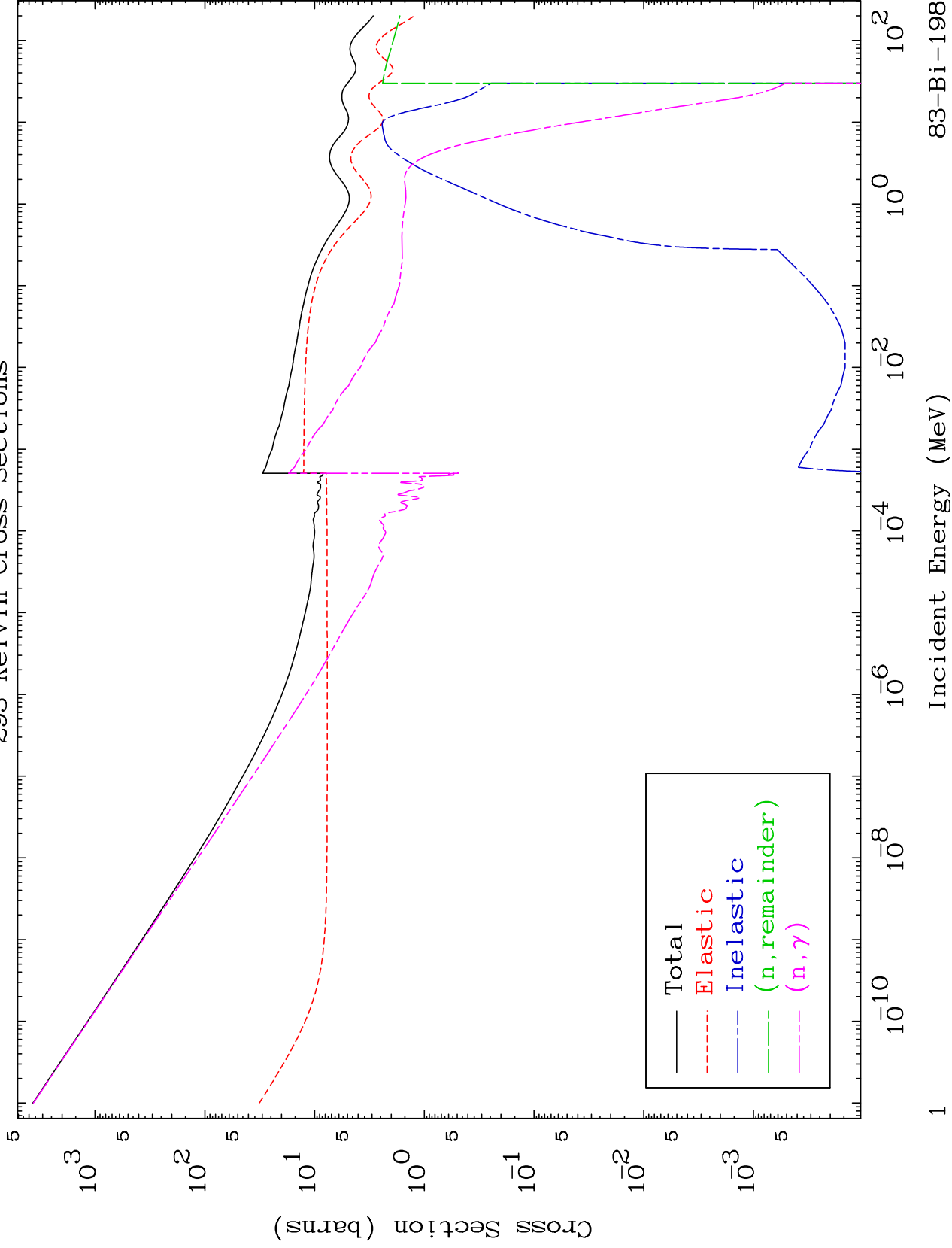
Press Mouse Button to Start

MAT 8293

Major

293 Kelvin Cross Sections

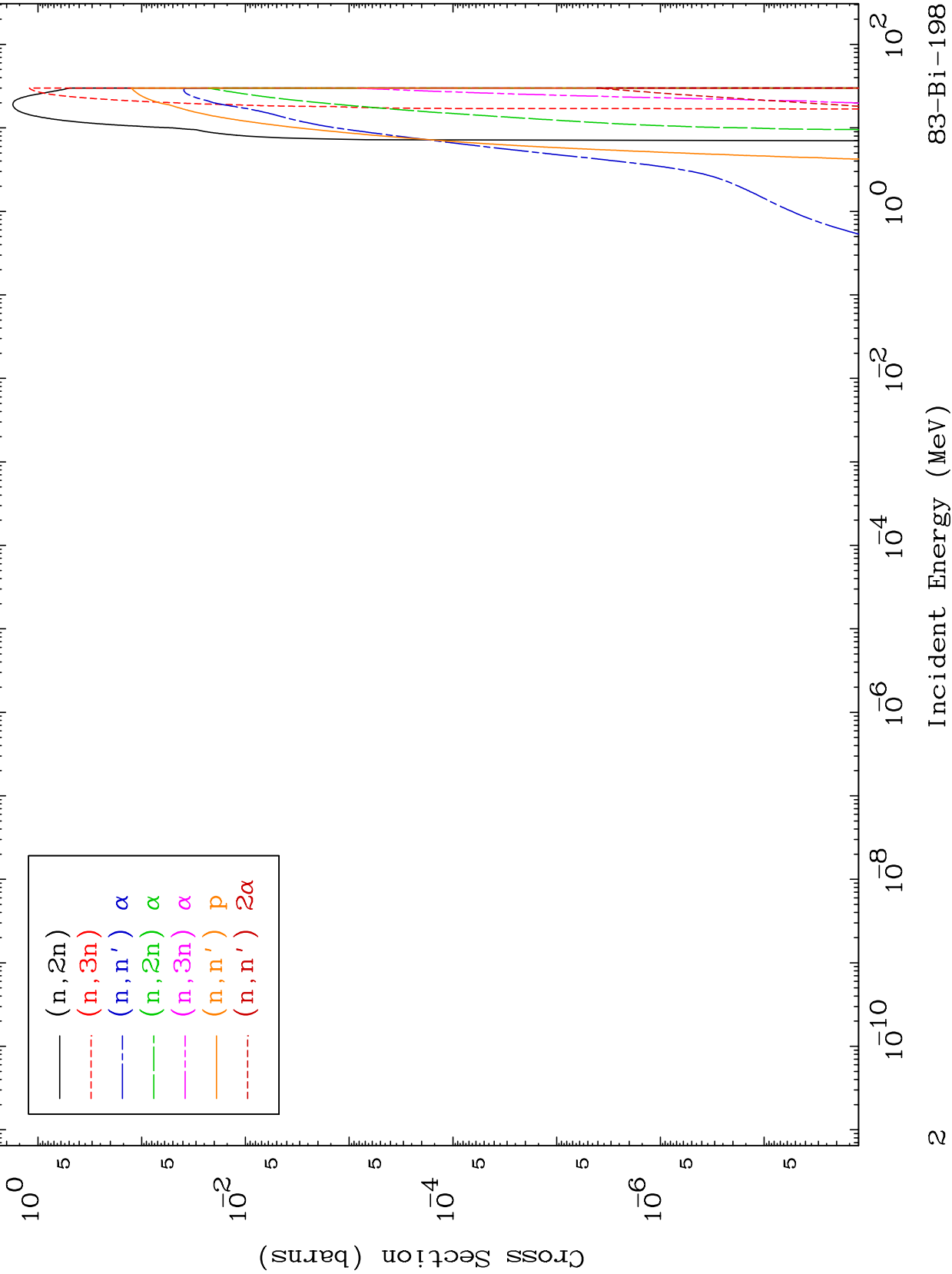
83-Bi-198



MAT 8293

Neutron Production
293 Kelvin Cross Sections

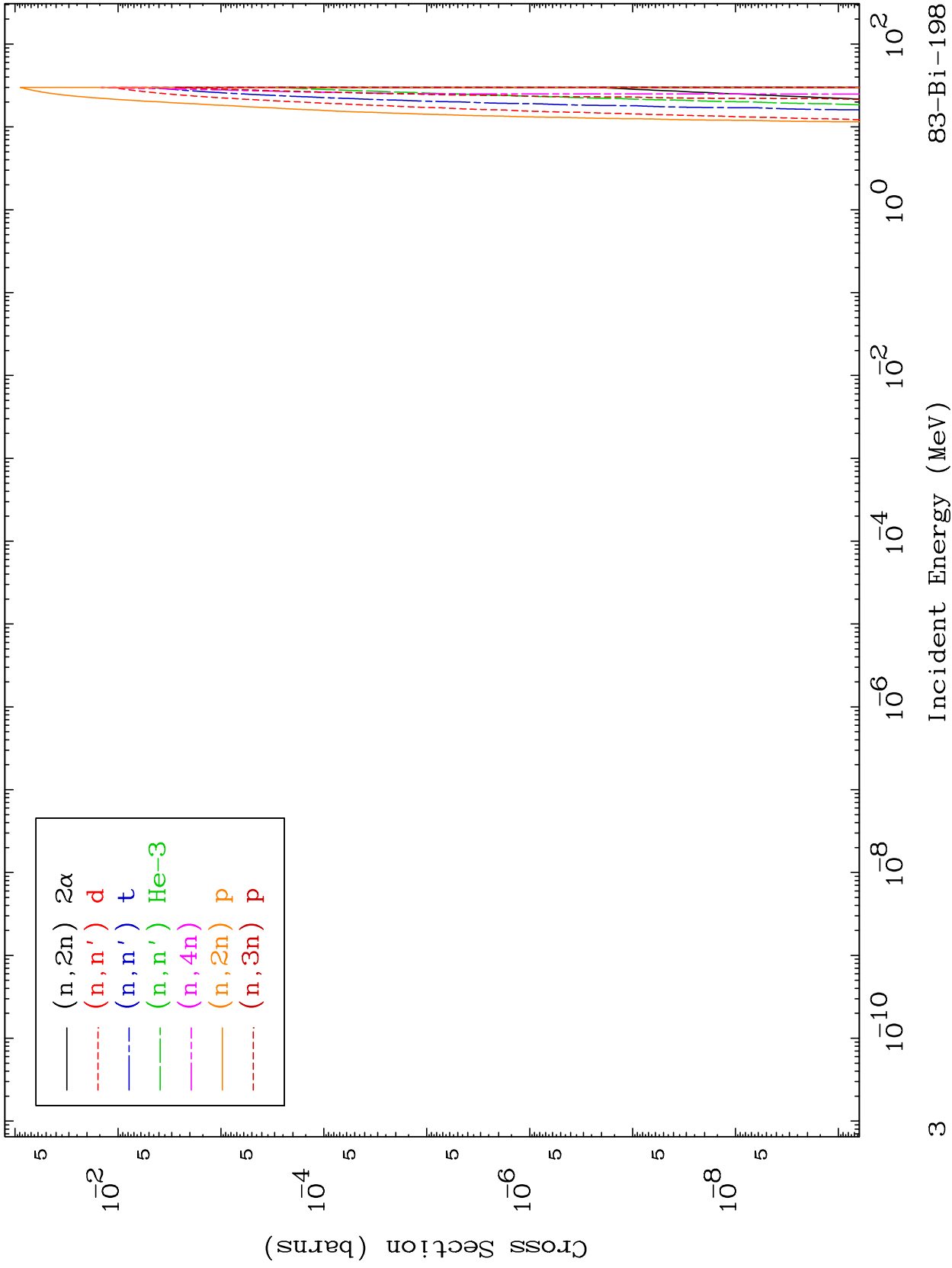
83-Bi-198



MAT 8293

Neutron Production
293 Kelvin Cross Sections

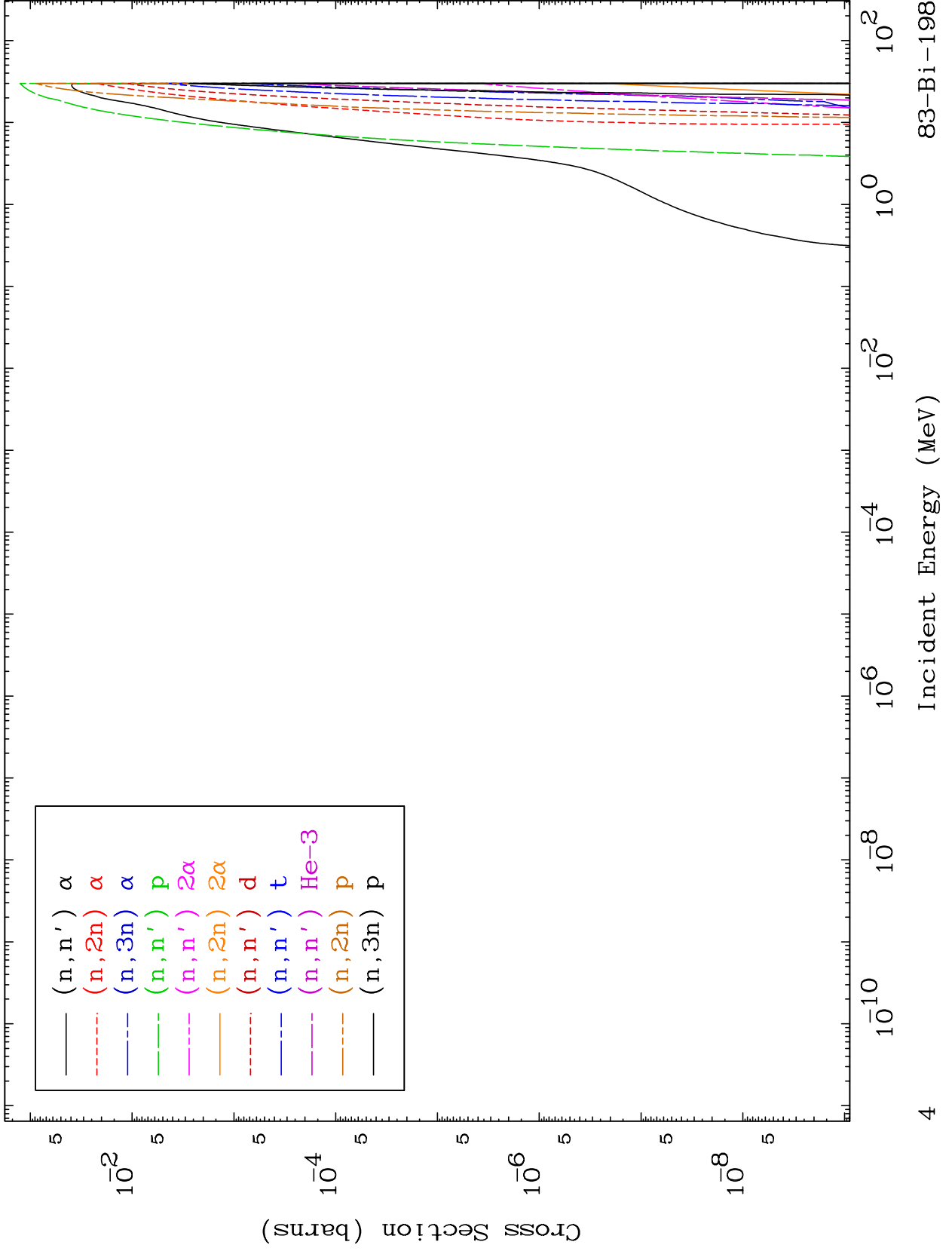
83-Bi-198



MAT 8293

Charged Particle
293 Kelvin Cross Sections

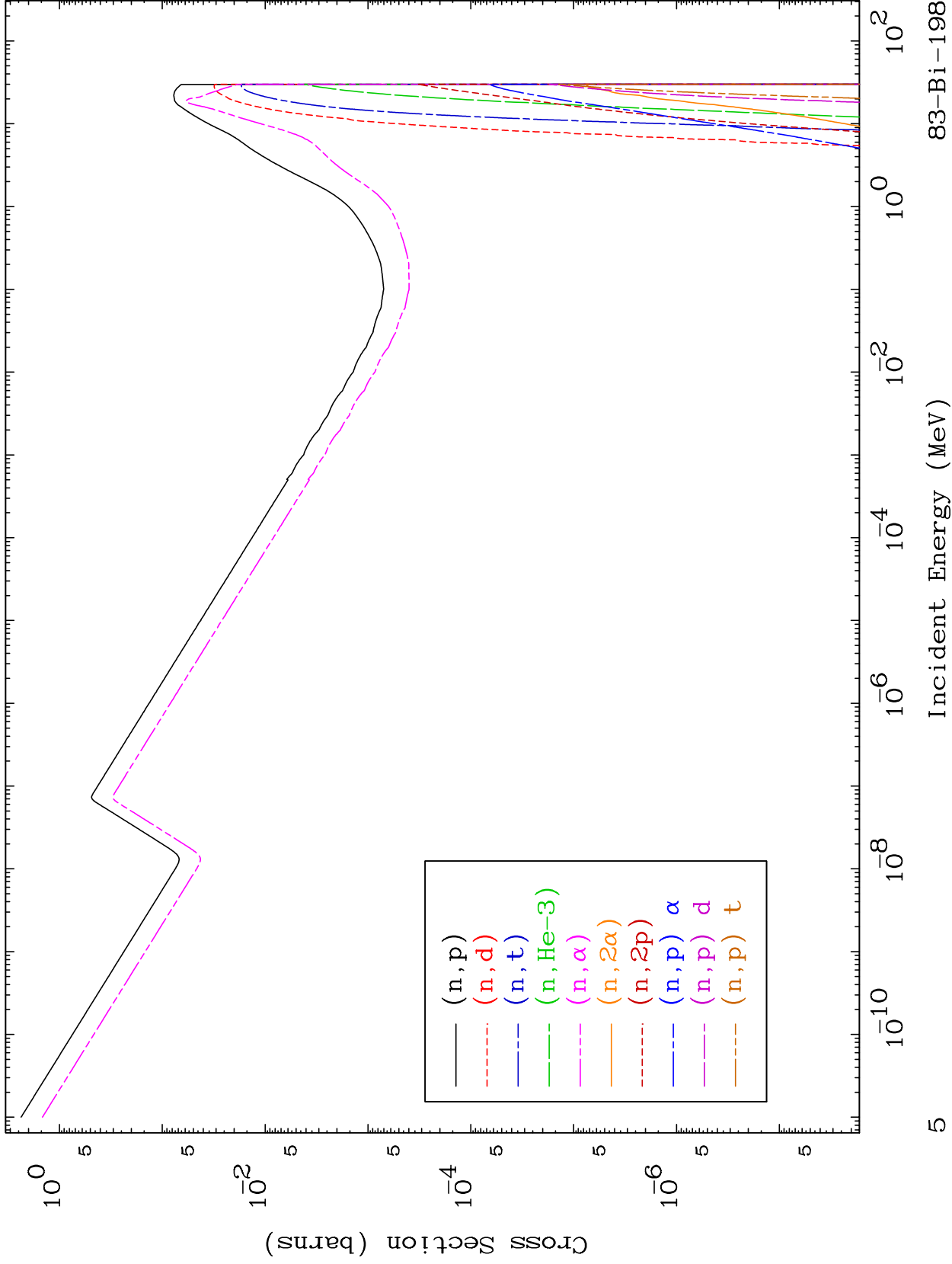
83-Bi-198

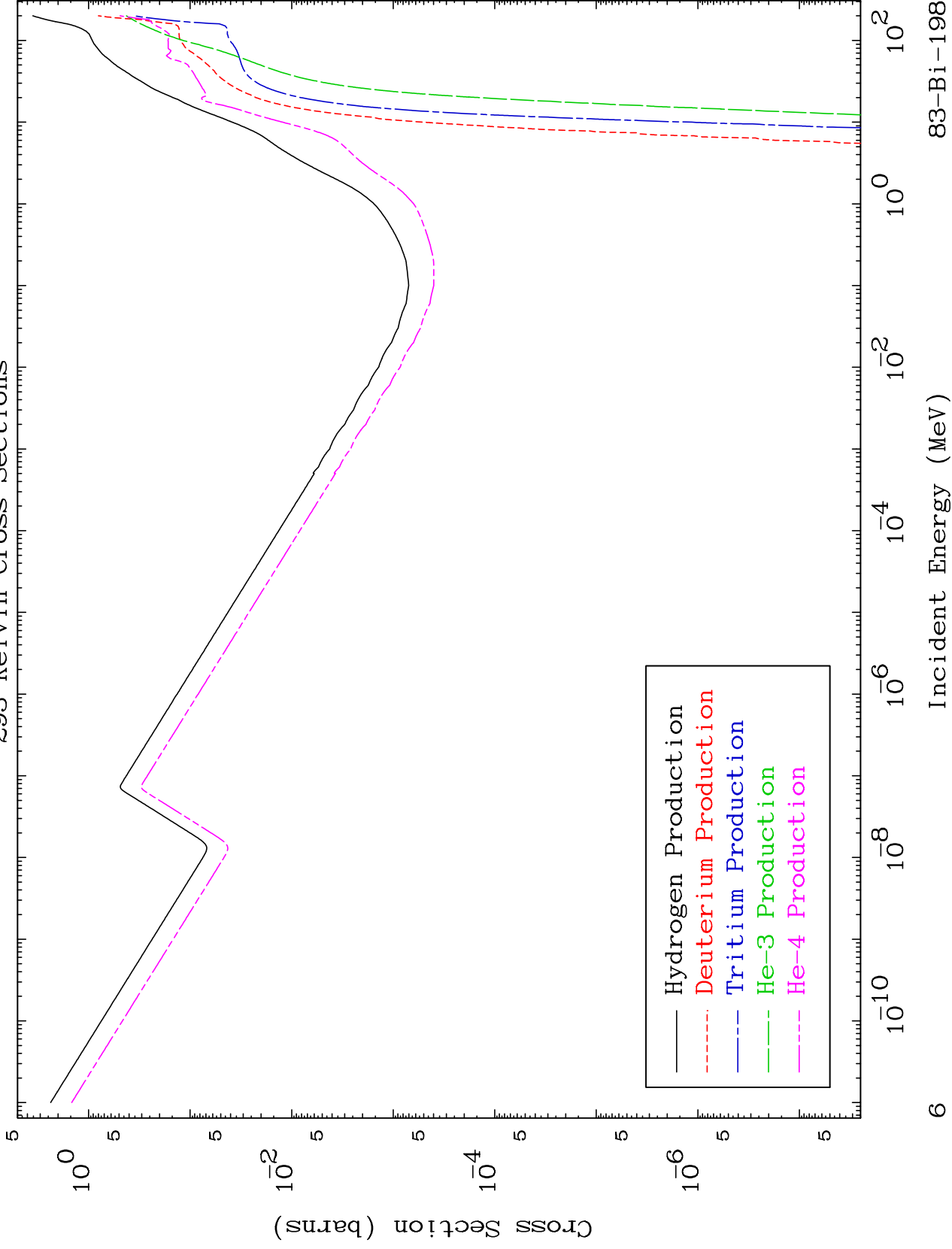


MAT 8293

Charged Particle
293 Kelvin Cross Sections

83-Bi-198

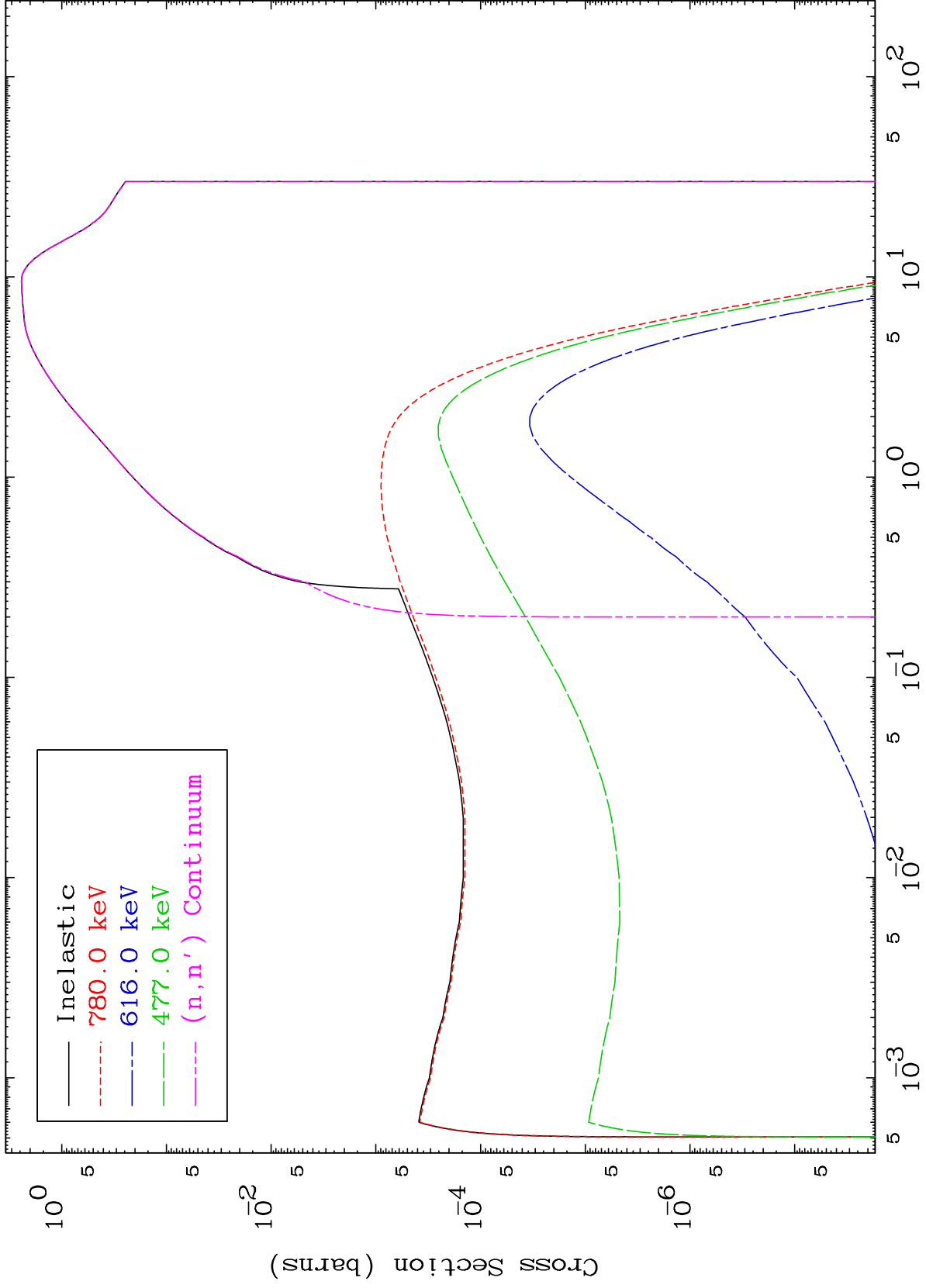




MAT 8293

293 Kelvin Cross Sections
(n,n') Level

83-Bi-198



7

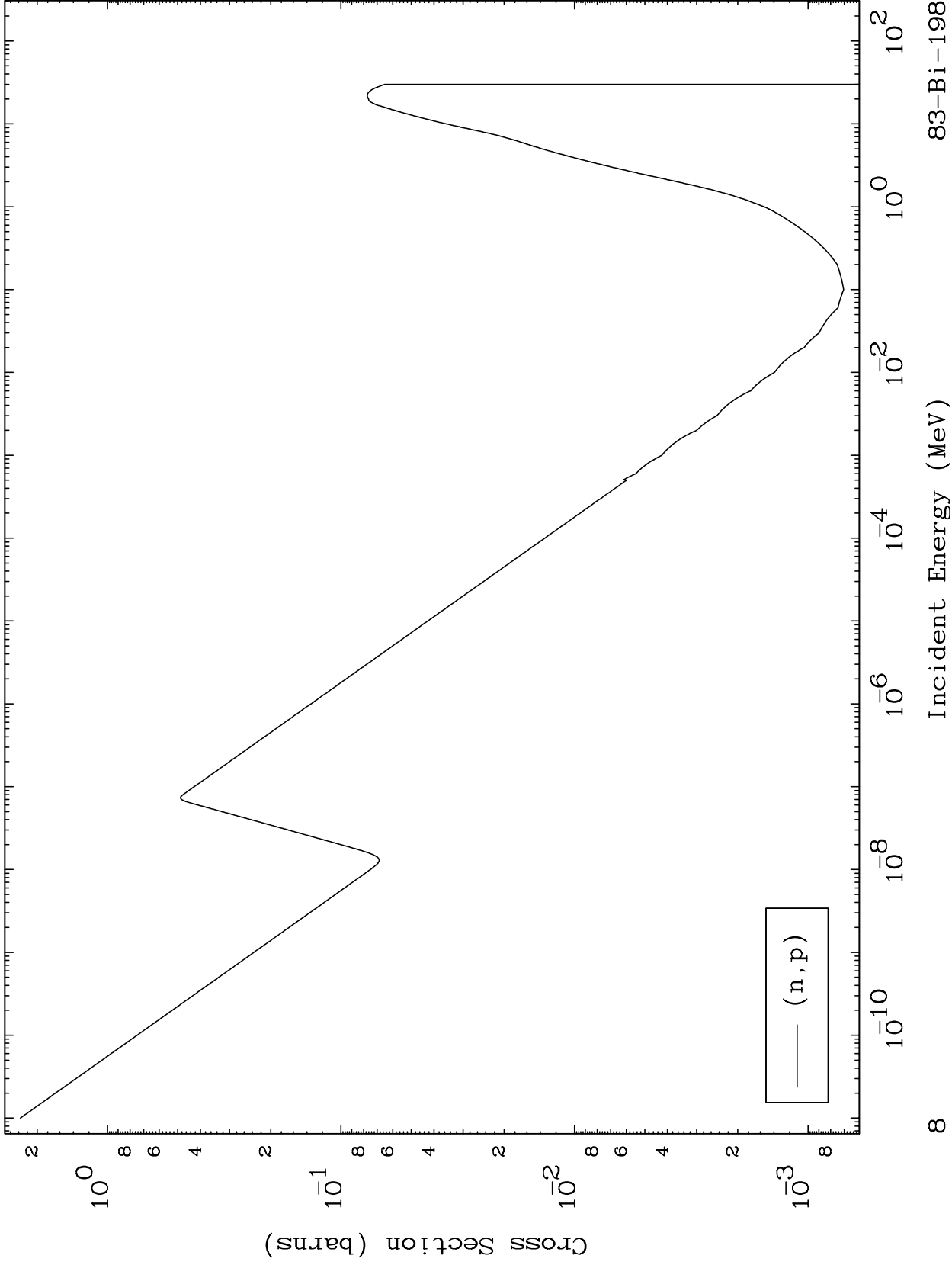
Incident Energy (MeV)

83-Bi-198

MAT 8293

(n,p) Levels
293 Kelvin Cross Sections

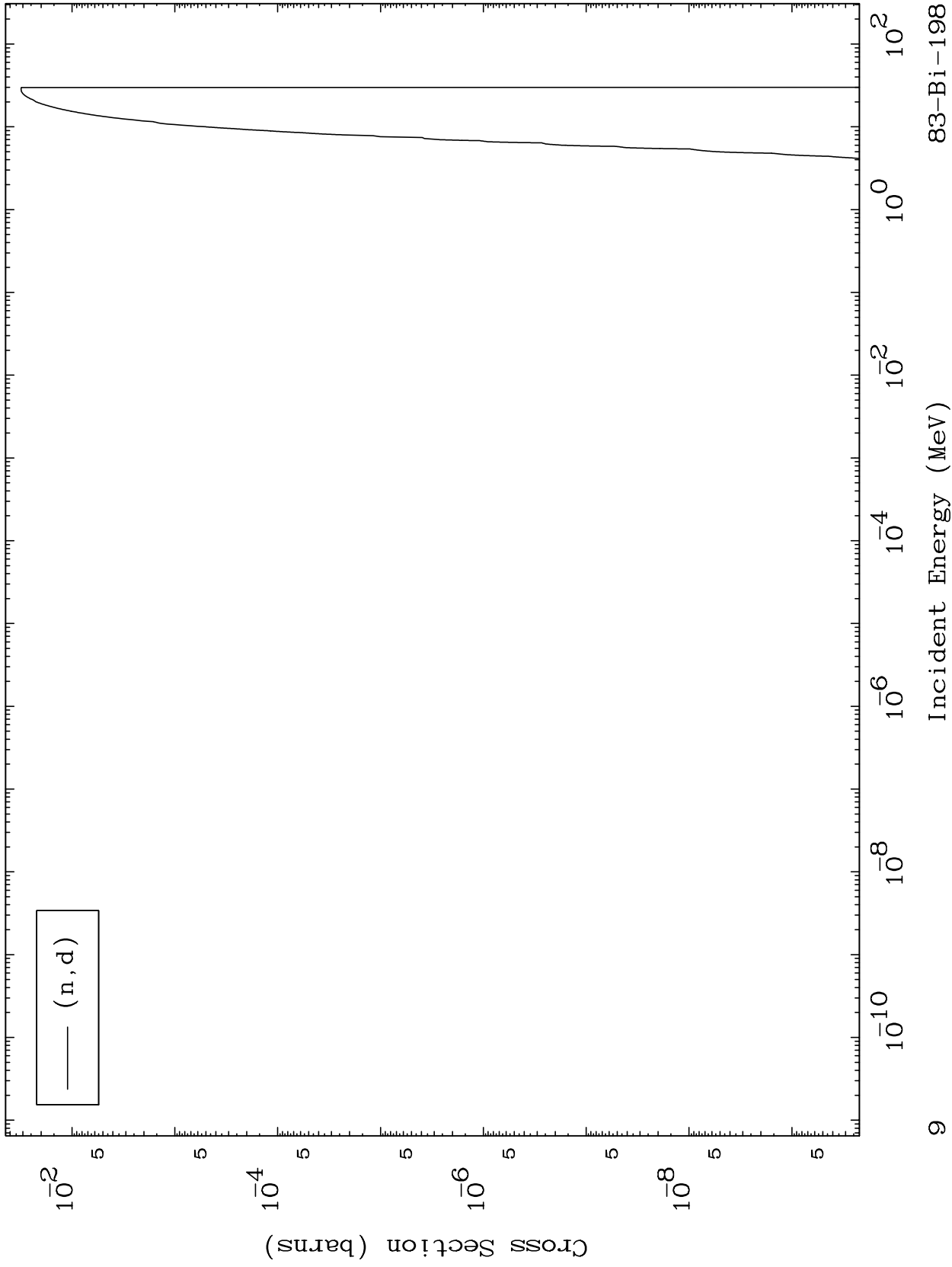
83-Bi-198



MAT 8293

(n,d) Levels
293 Kelvin Cross Sections

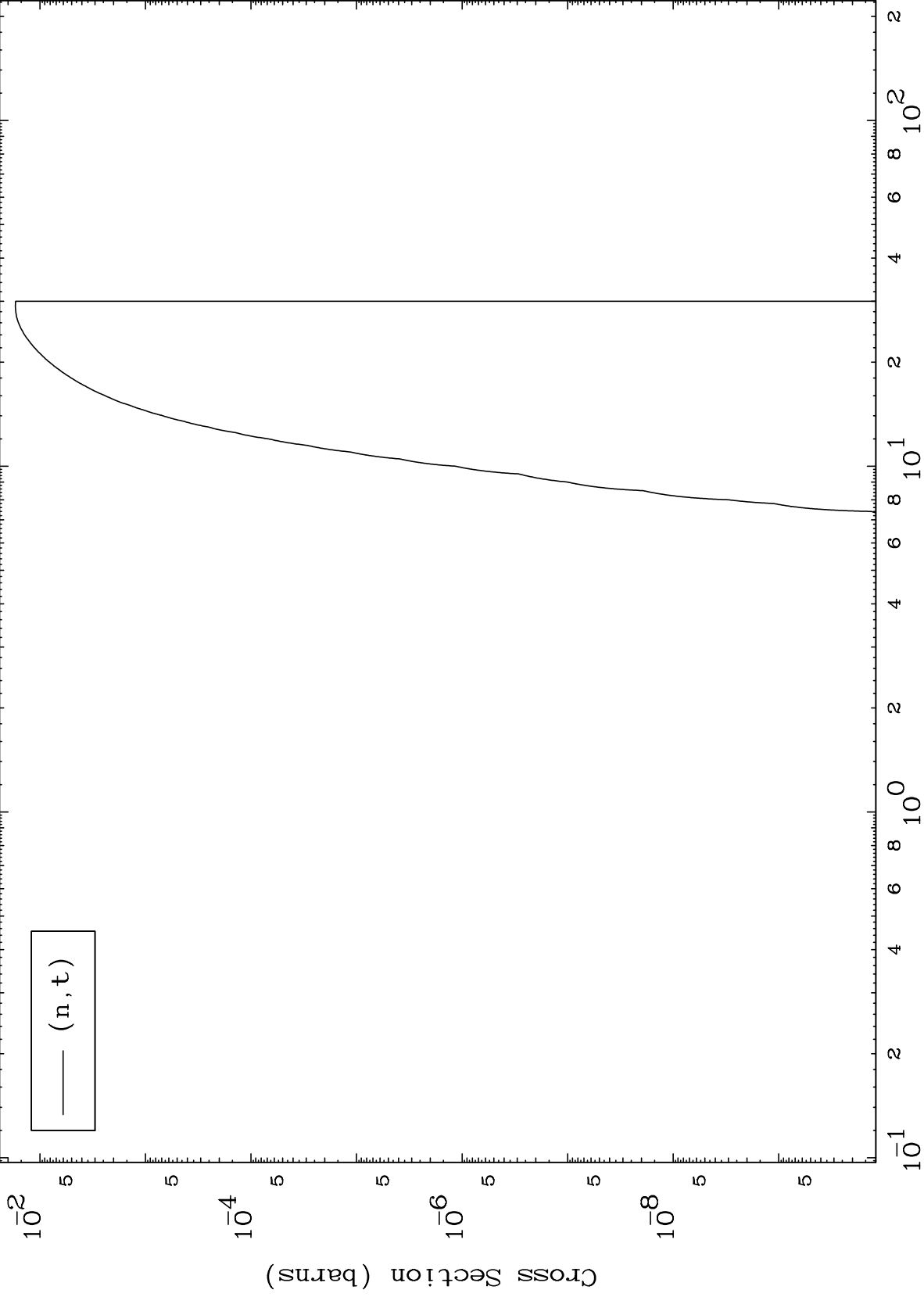
83-Bi-198



MAT 8293

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-198



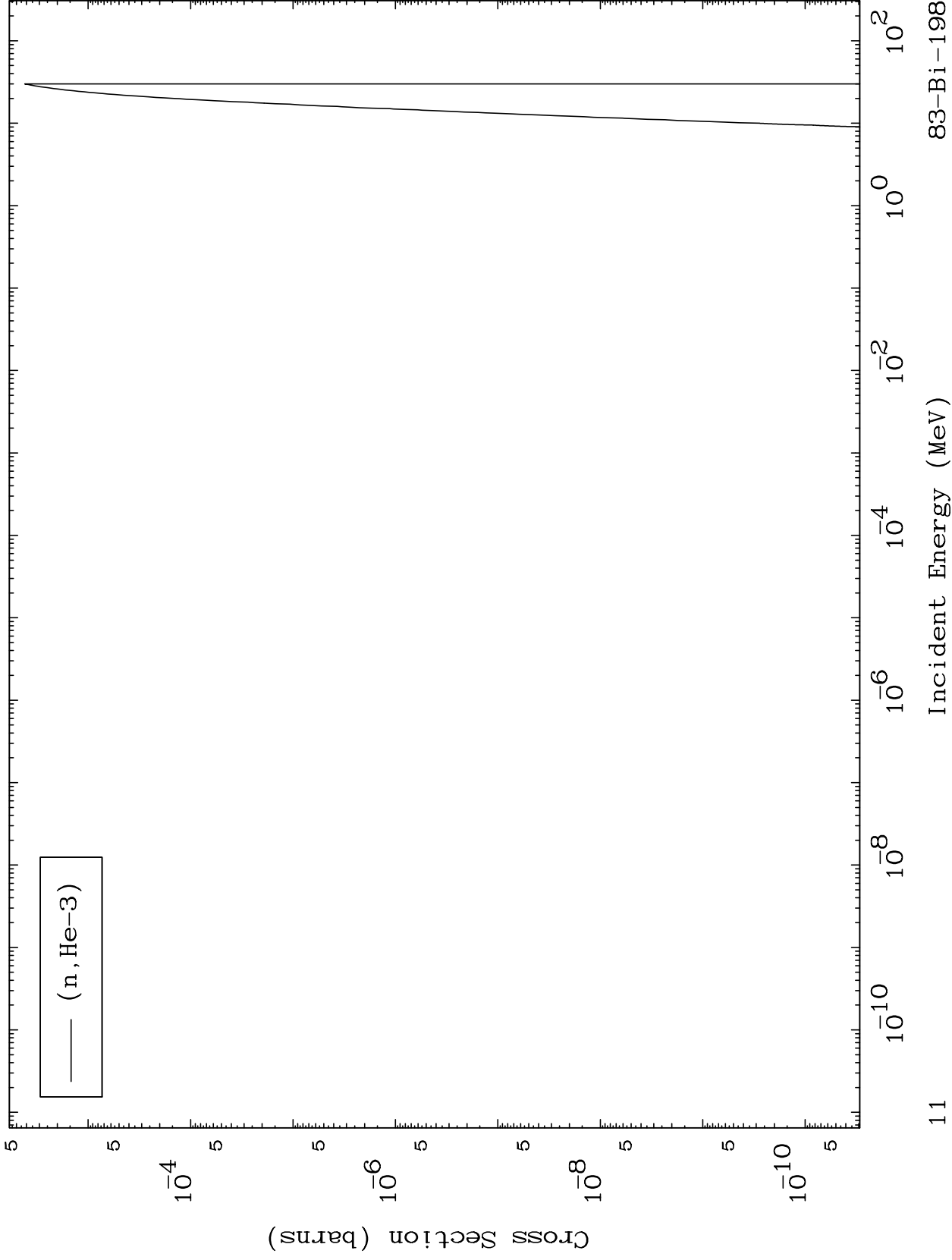
Incident Energy (MeV)

83-Bi-198

MAT 8293

(n,He3) Levels
293 Kelvin Cross Sections

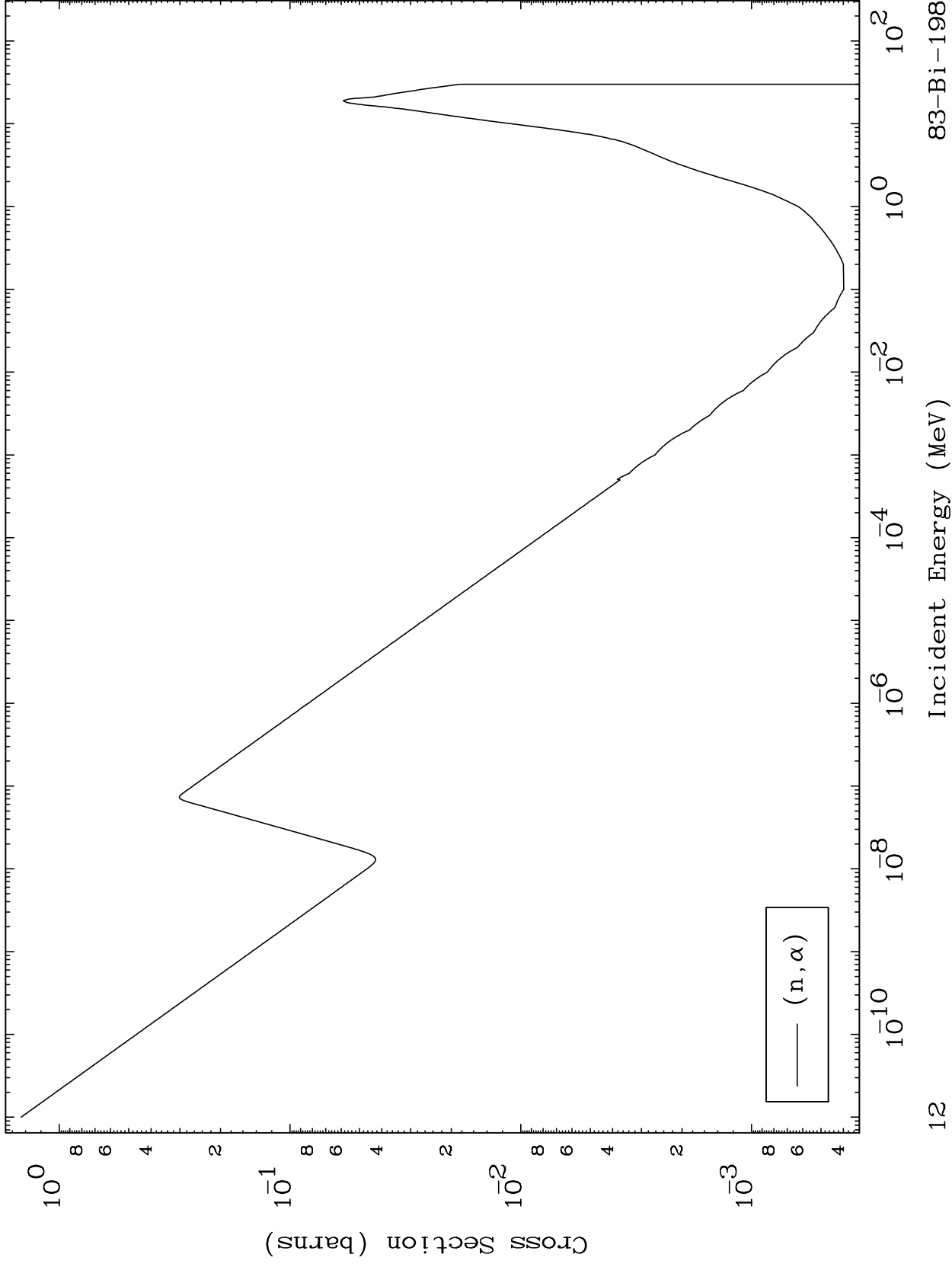
83-Bi-198

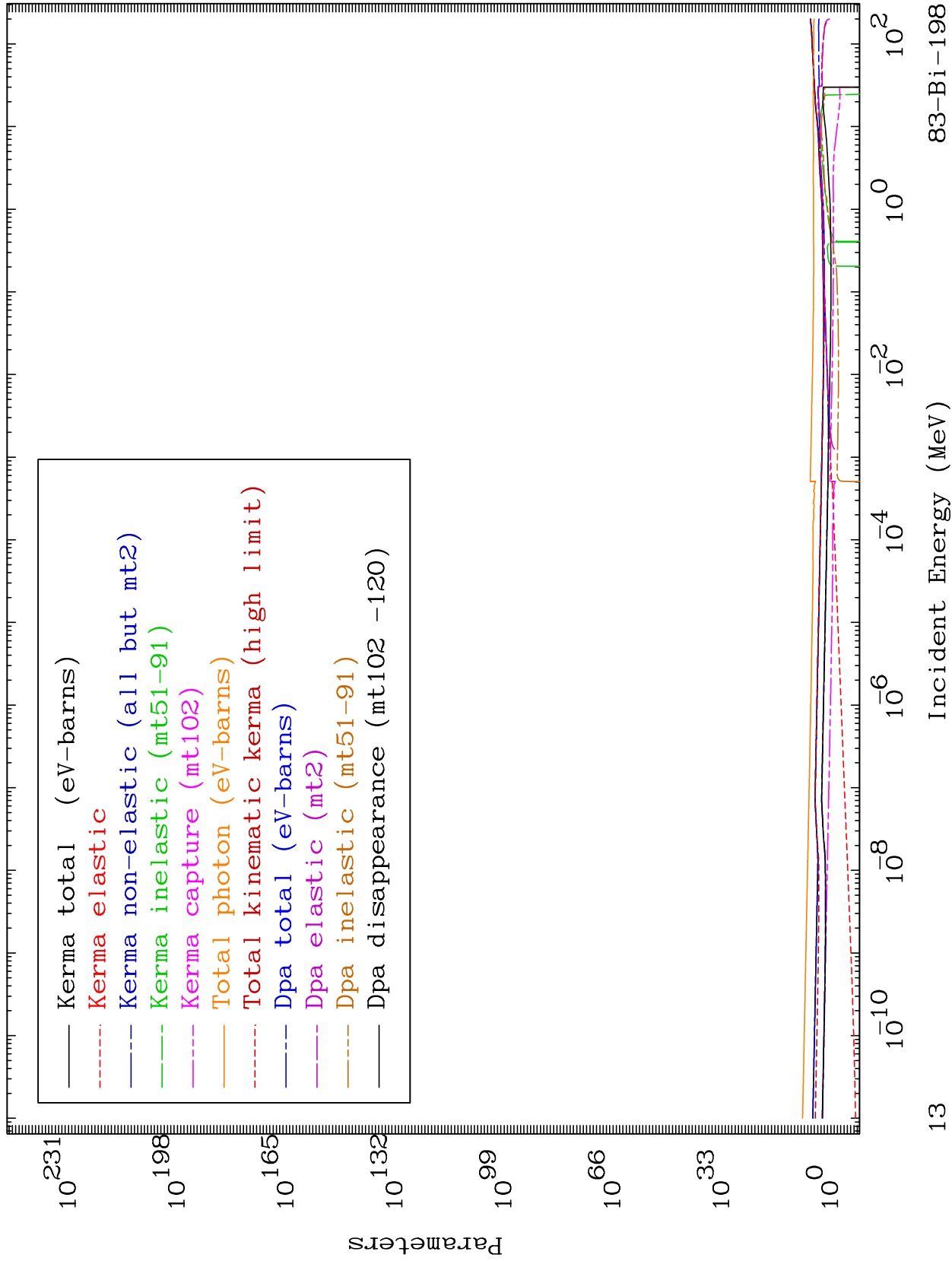


MAT 8293

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-198

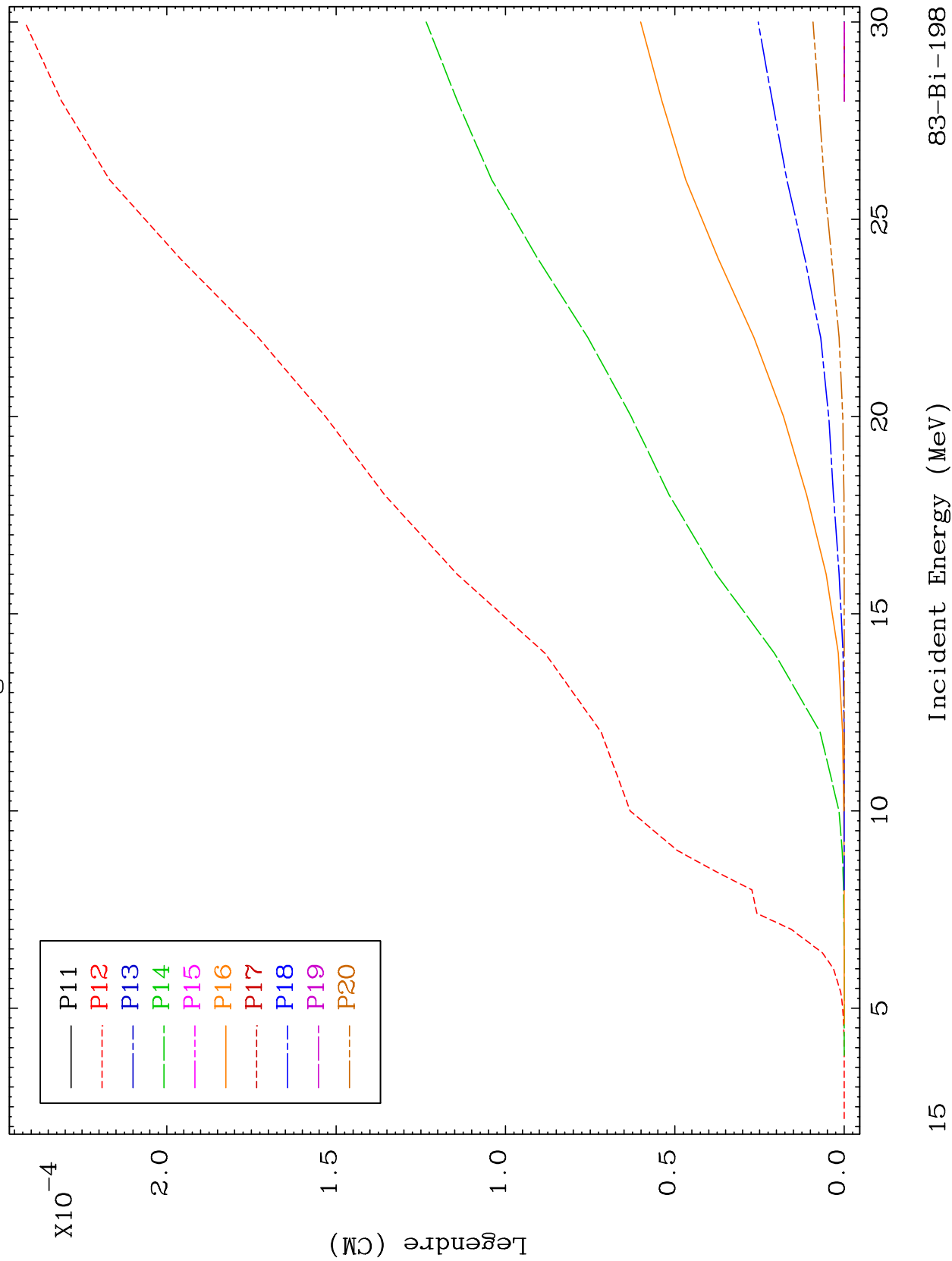




MAT 8293

Elastic Legendre Coefficients

83-Bi-198



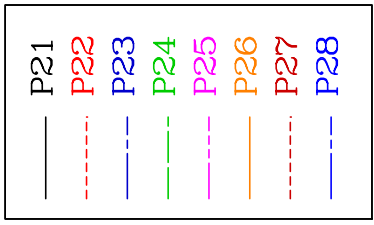
15

83-Bi-198

MAT 8293

Elastic Legendre Coefficients

83-Bi-198



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

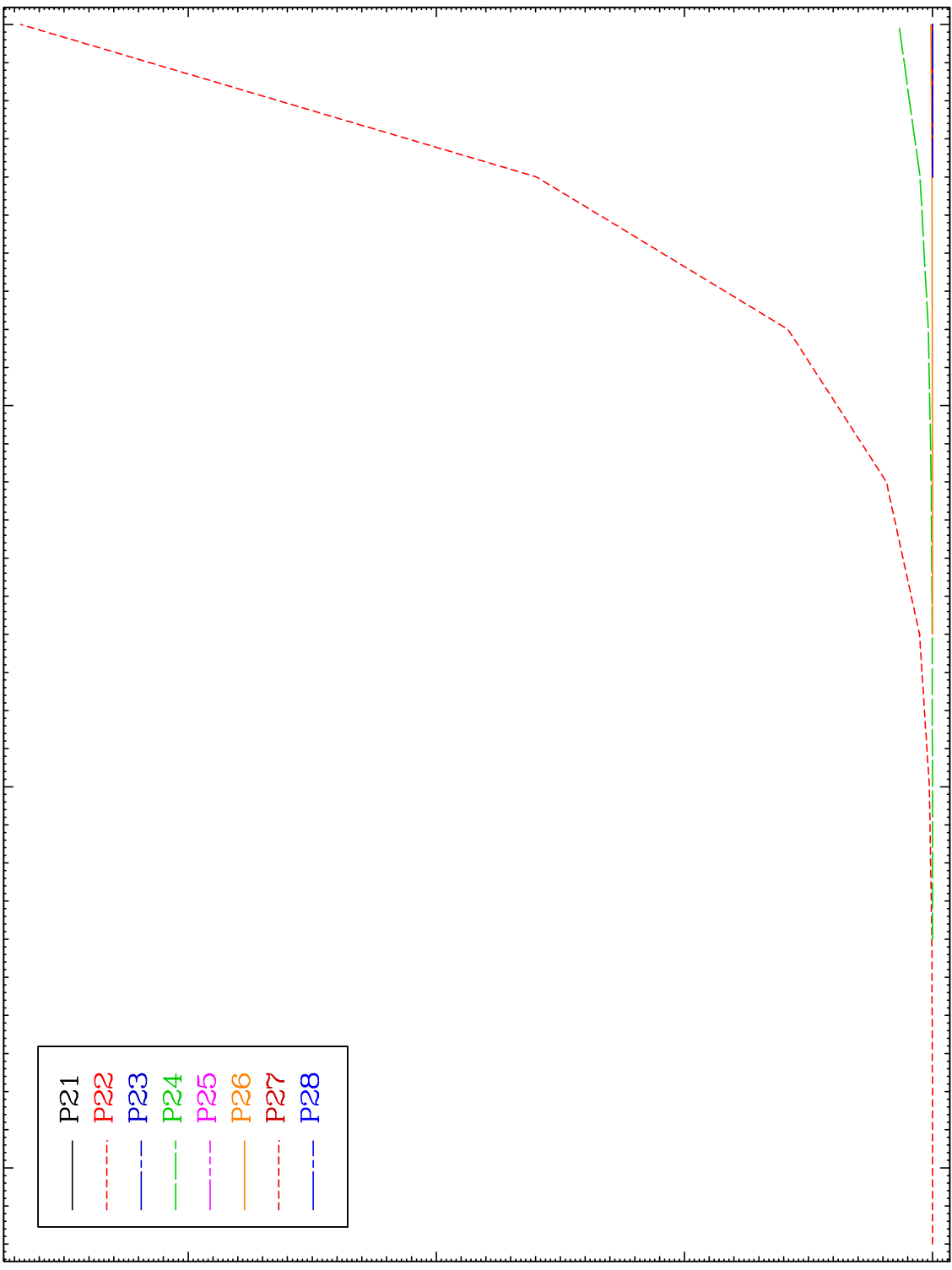
25

30

16

Incident Energy (MeV)

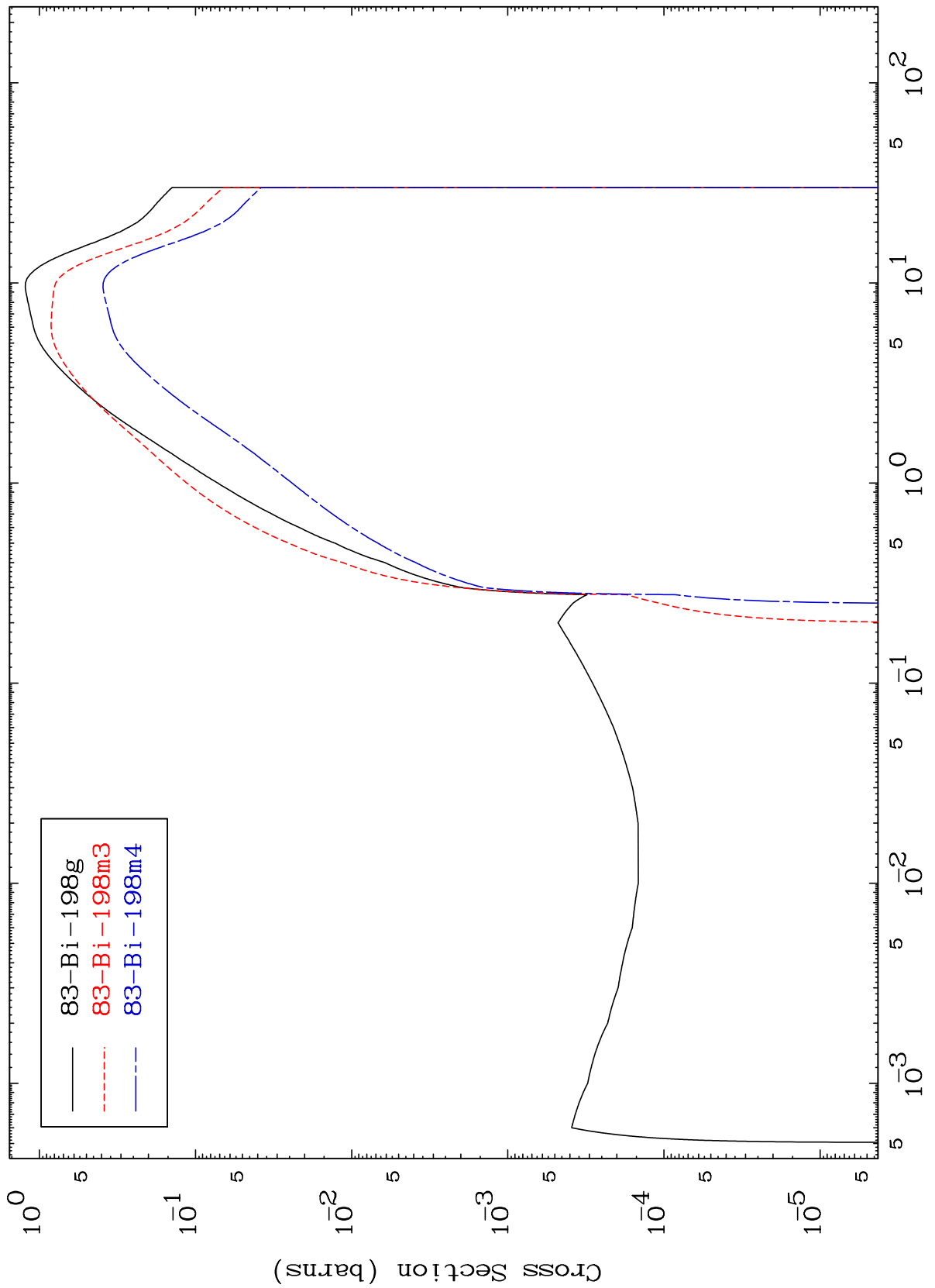
83-Bi-198



MAT 8293

83-Bi-198

Radionuclide Production Cross Section



83-Bi-198g
83-Bi-198m3
83-Bi-198m4

83-Bi-198

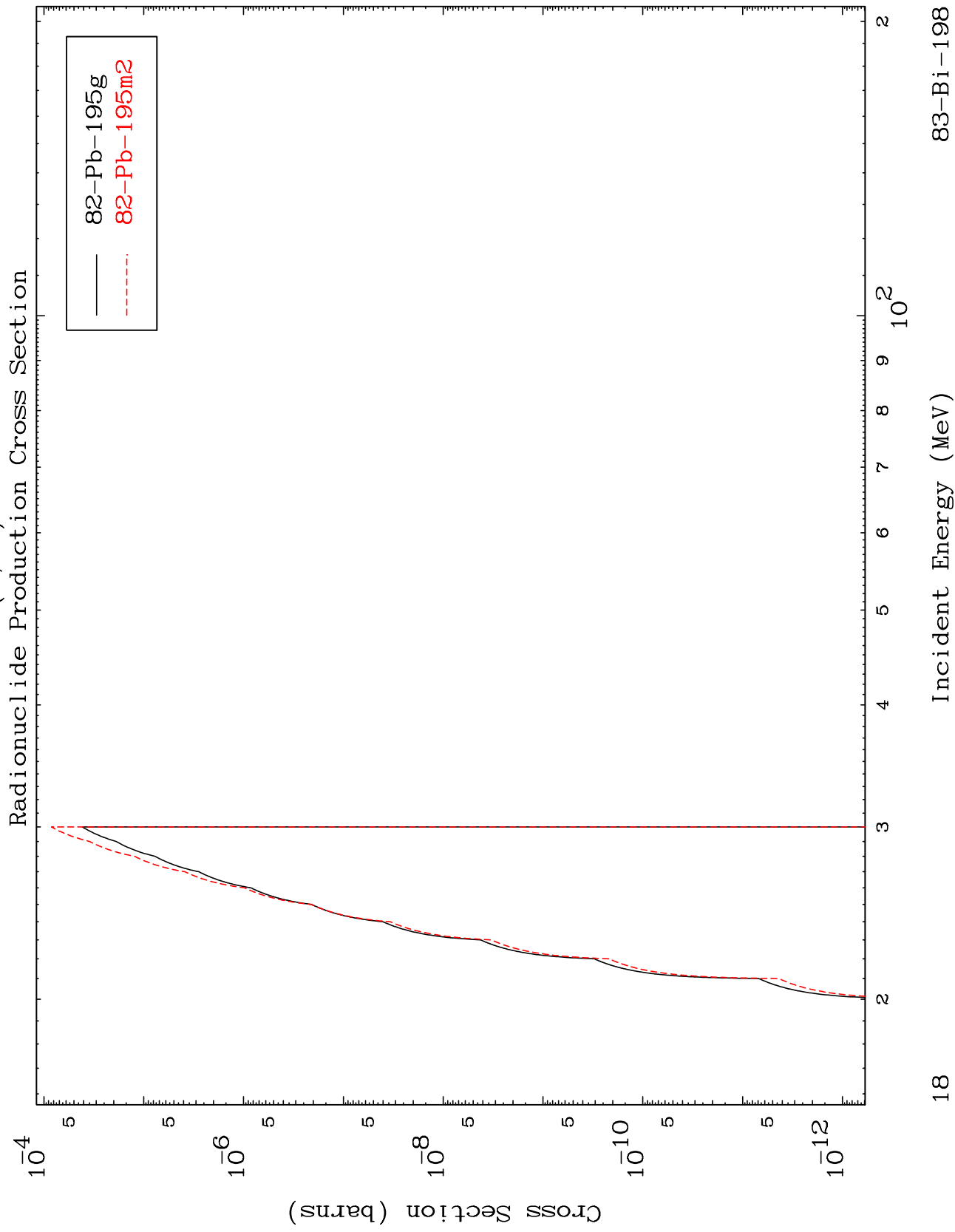
Incident Energy (MeV)

17

MAT 8293

(n,2n) d

83-Bi-198



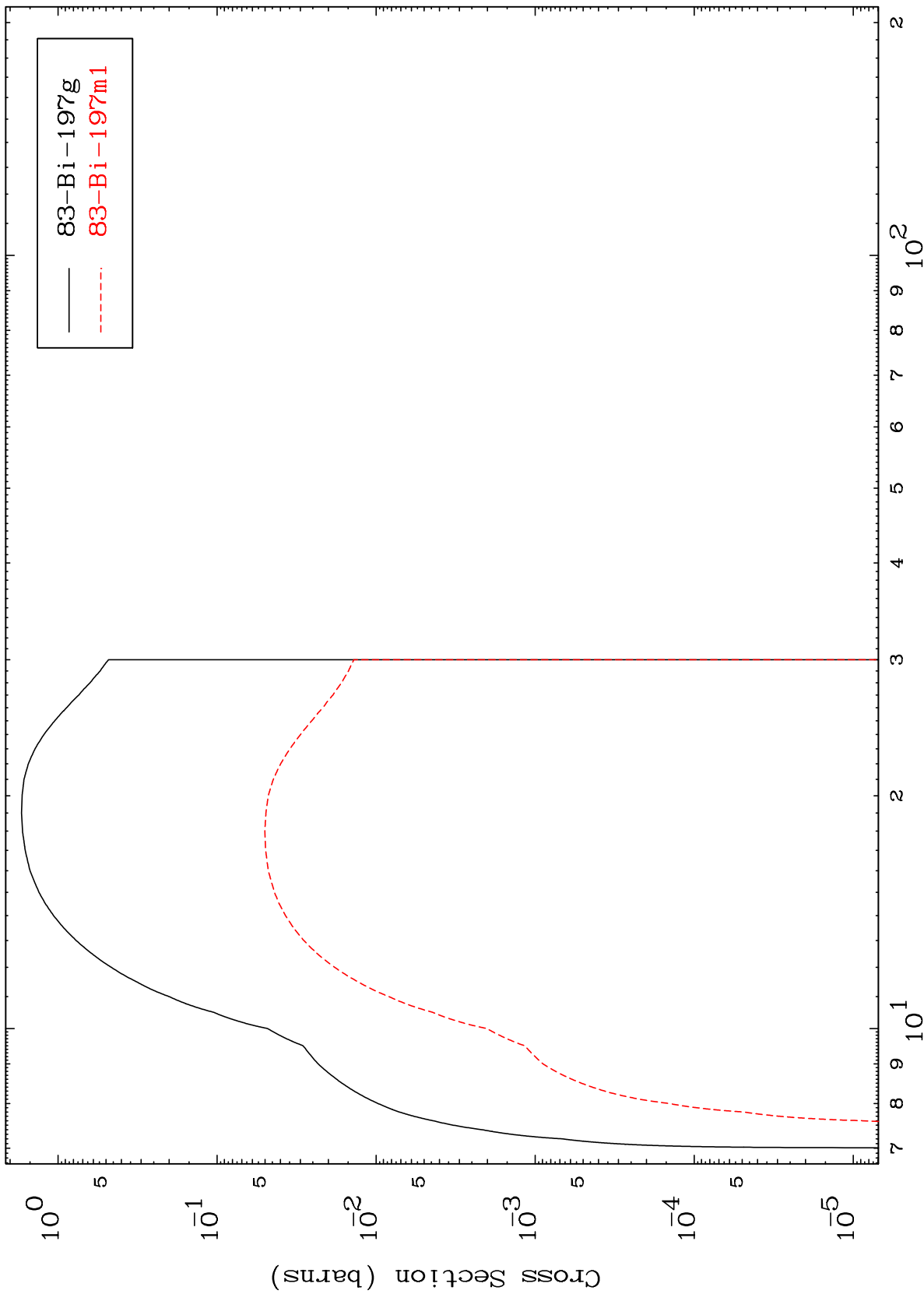
18

83-Bi-198

MAT 8293

83-Bi-198

(n,2n)
Radionuclide Production Cross Section



83-Bi-198

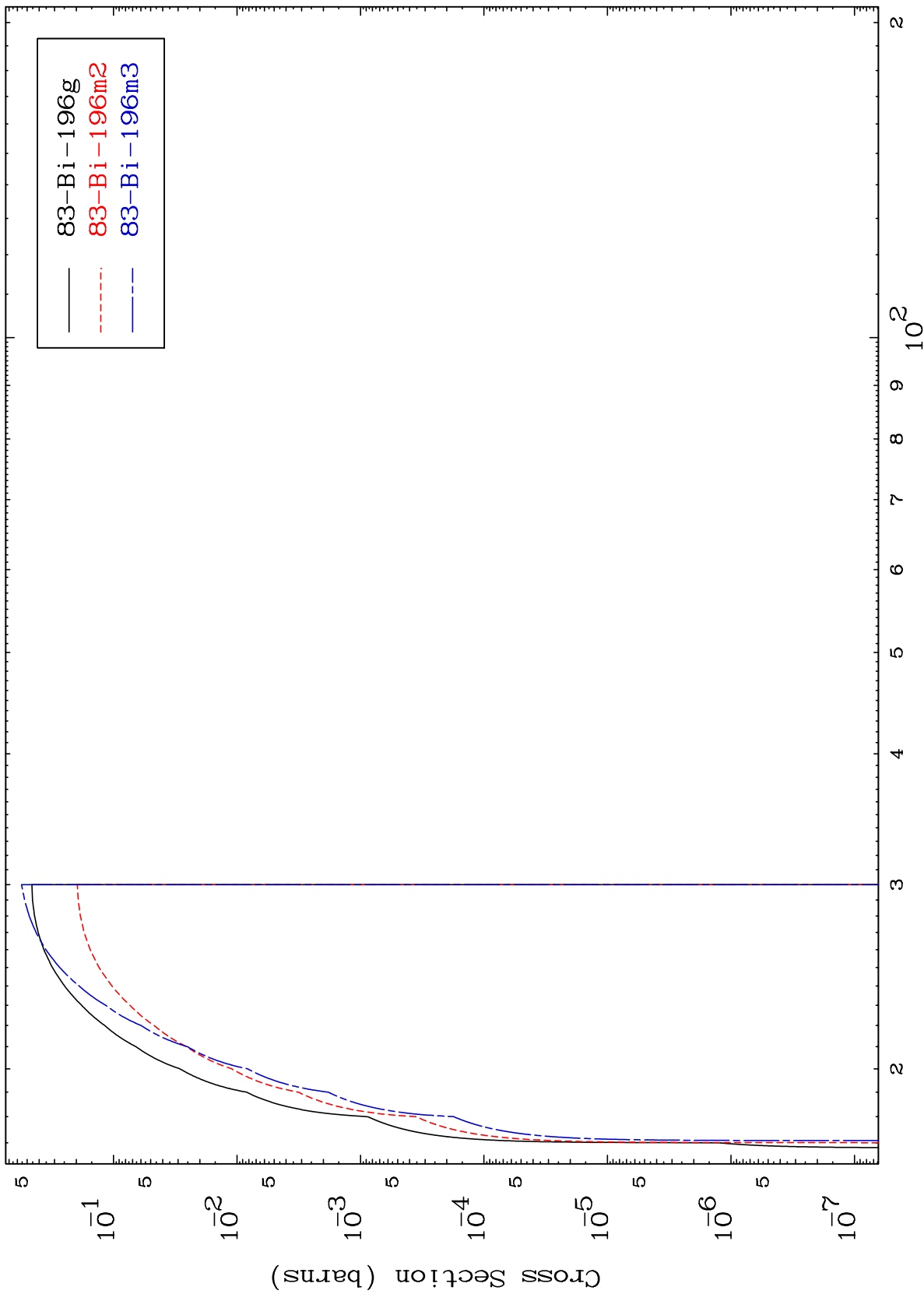
Incident Energy (MeV)

19

MAT 8293

83-Bi-198

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

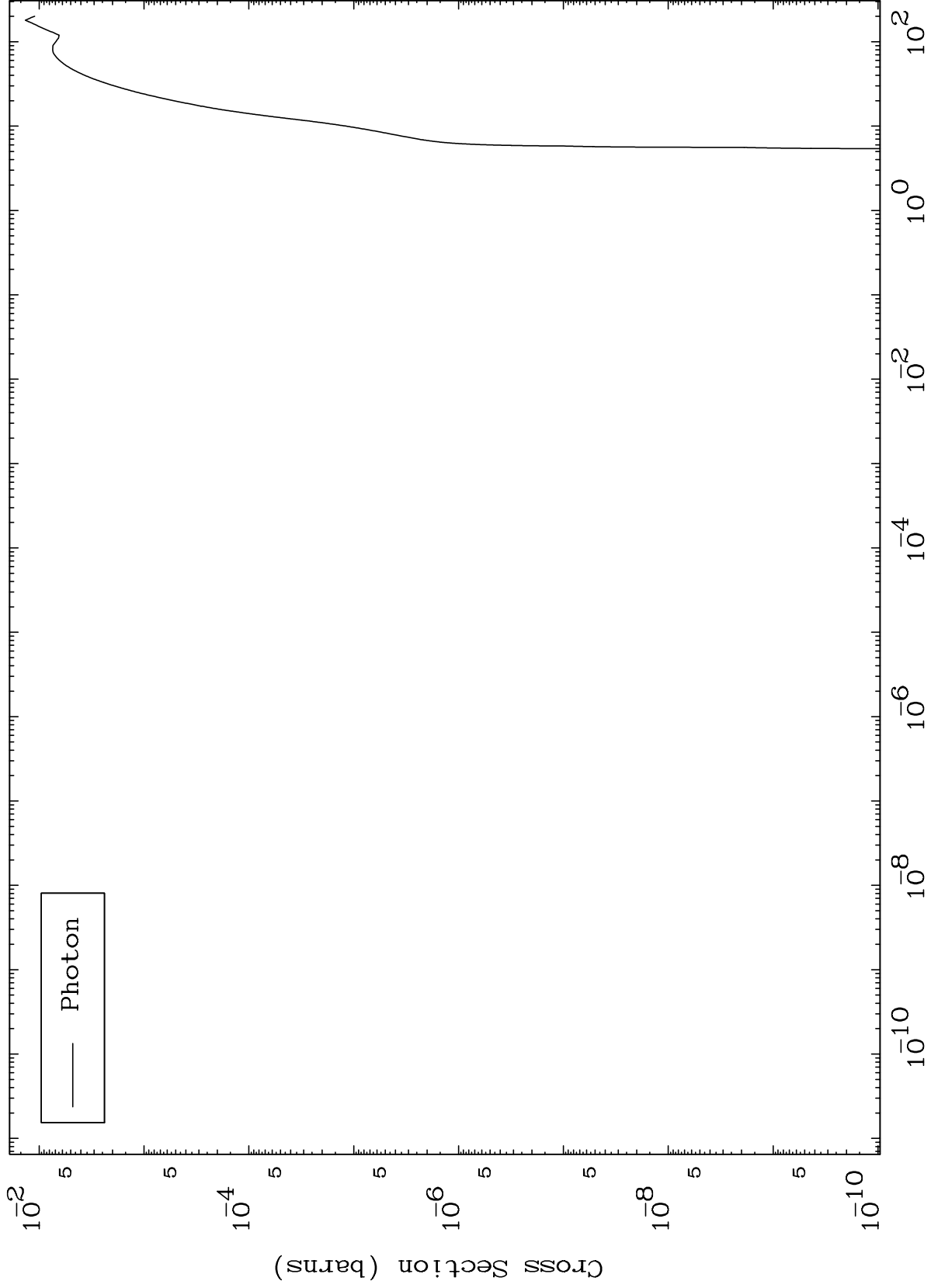
83-Bi-198

MAT 8293

Fission

83-Bi-198

Radionuclide Production Cross Section

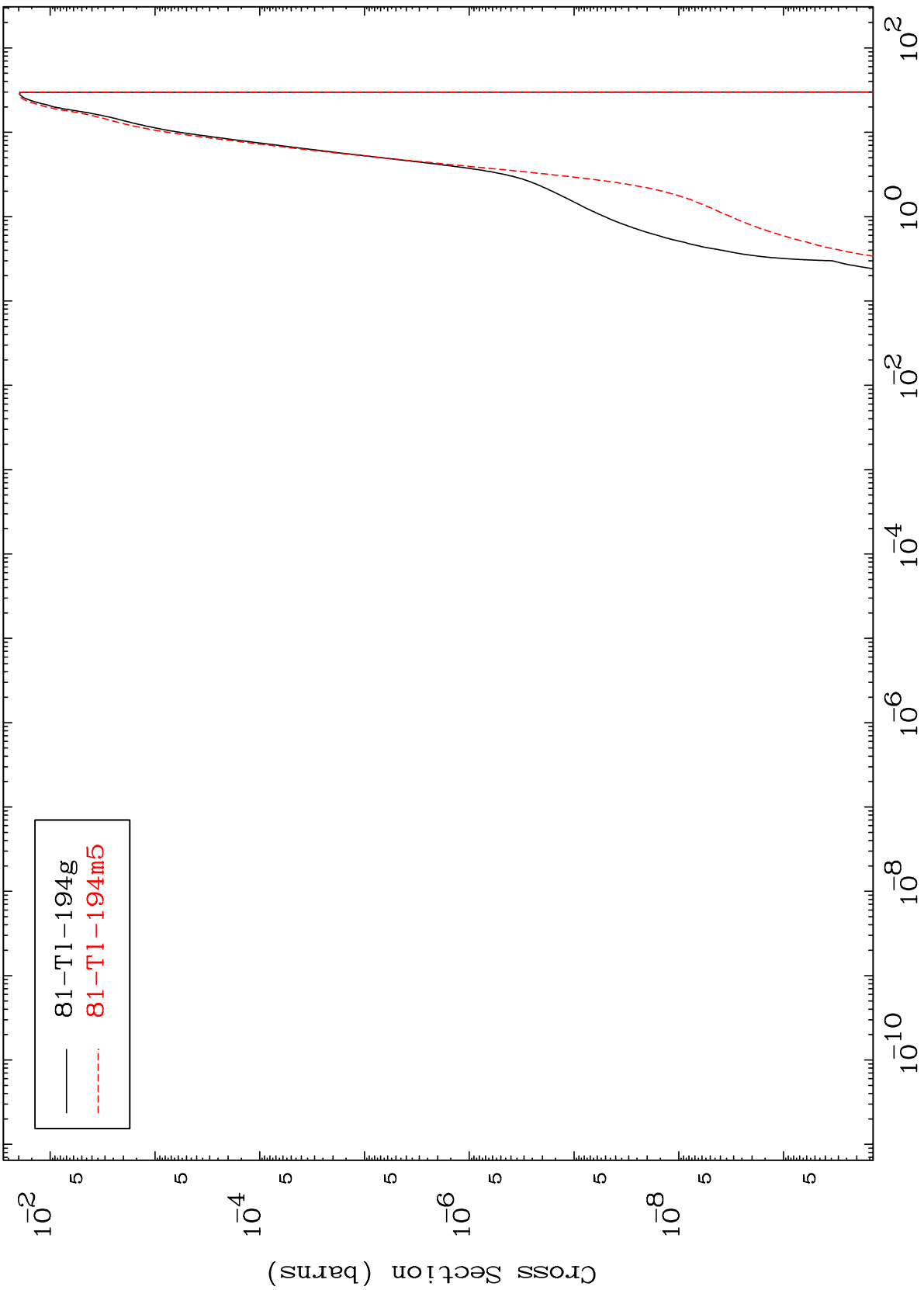


MAT 8293

$(n, n') \alpha$

83-Bi-198

Radionuclide Production Cross Section

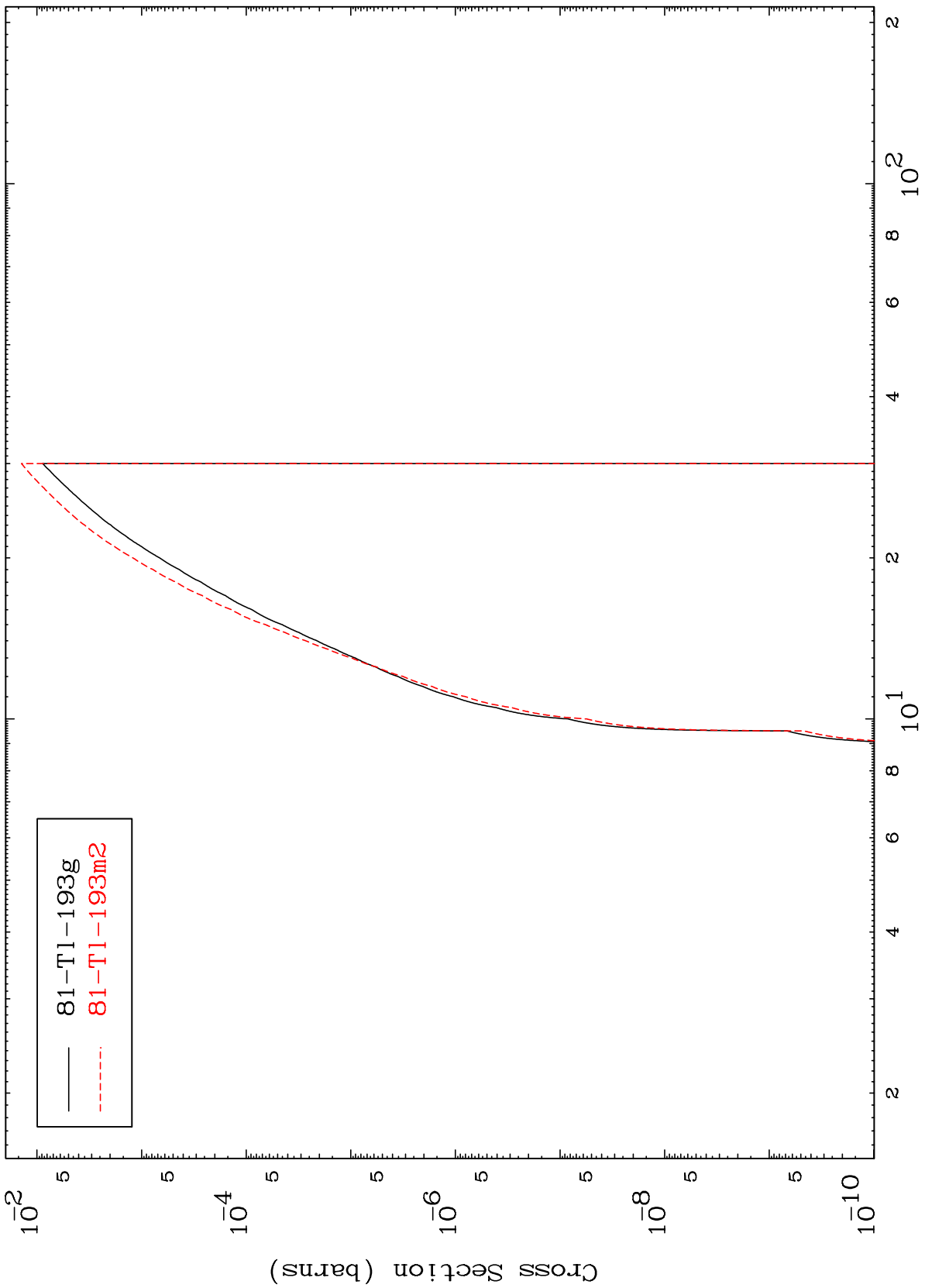


MAT 8293

(n,2n) α

83-Bi-198

Radionuclide Production Cross Section



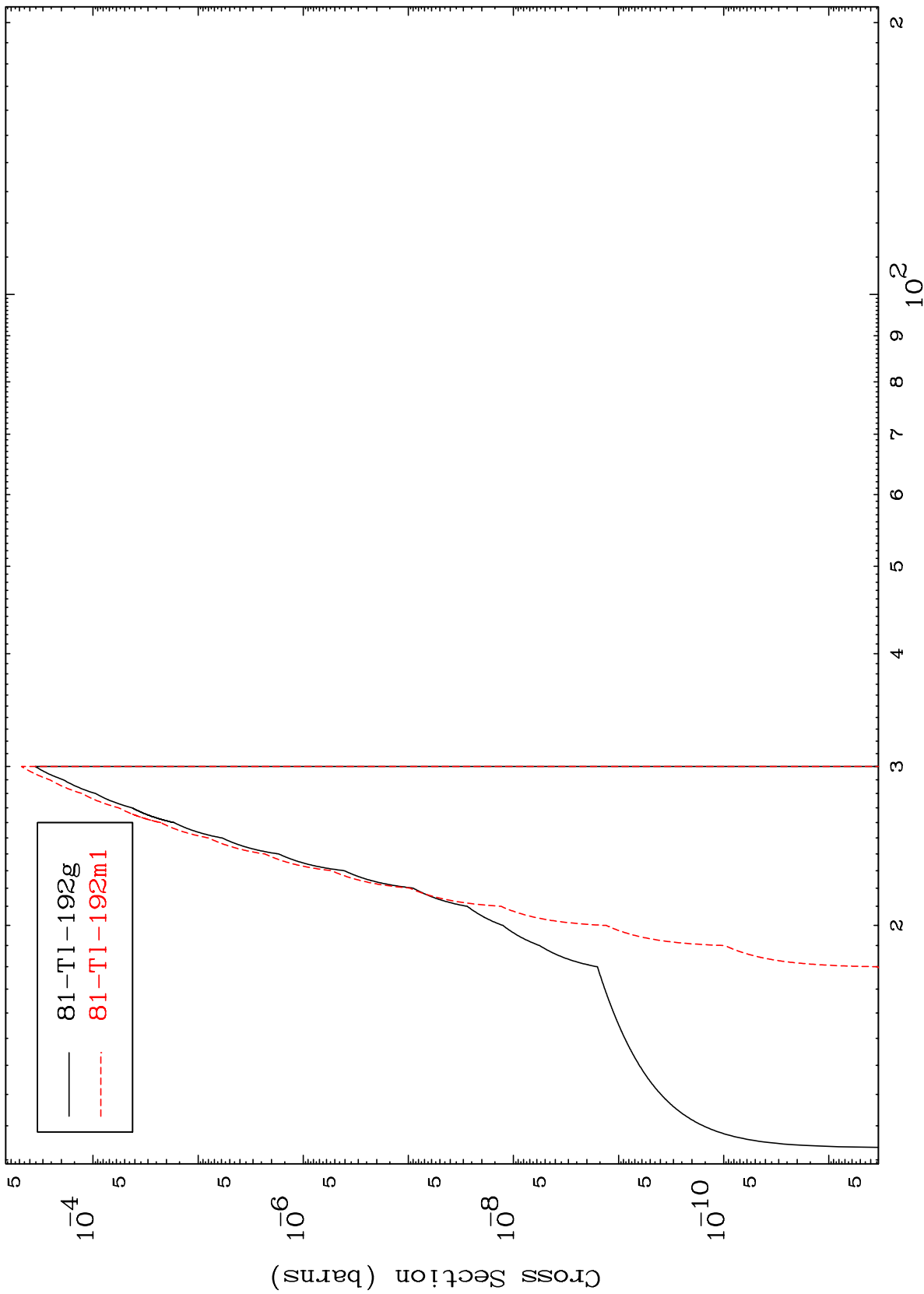
81-Tl-193g
81-Tl-193m2

MAT 8293

(n,3n) α

83-Bi-198

Radionuclide Production Cross Section



24

Incident Energy (MeV)

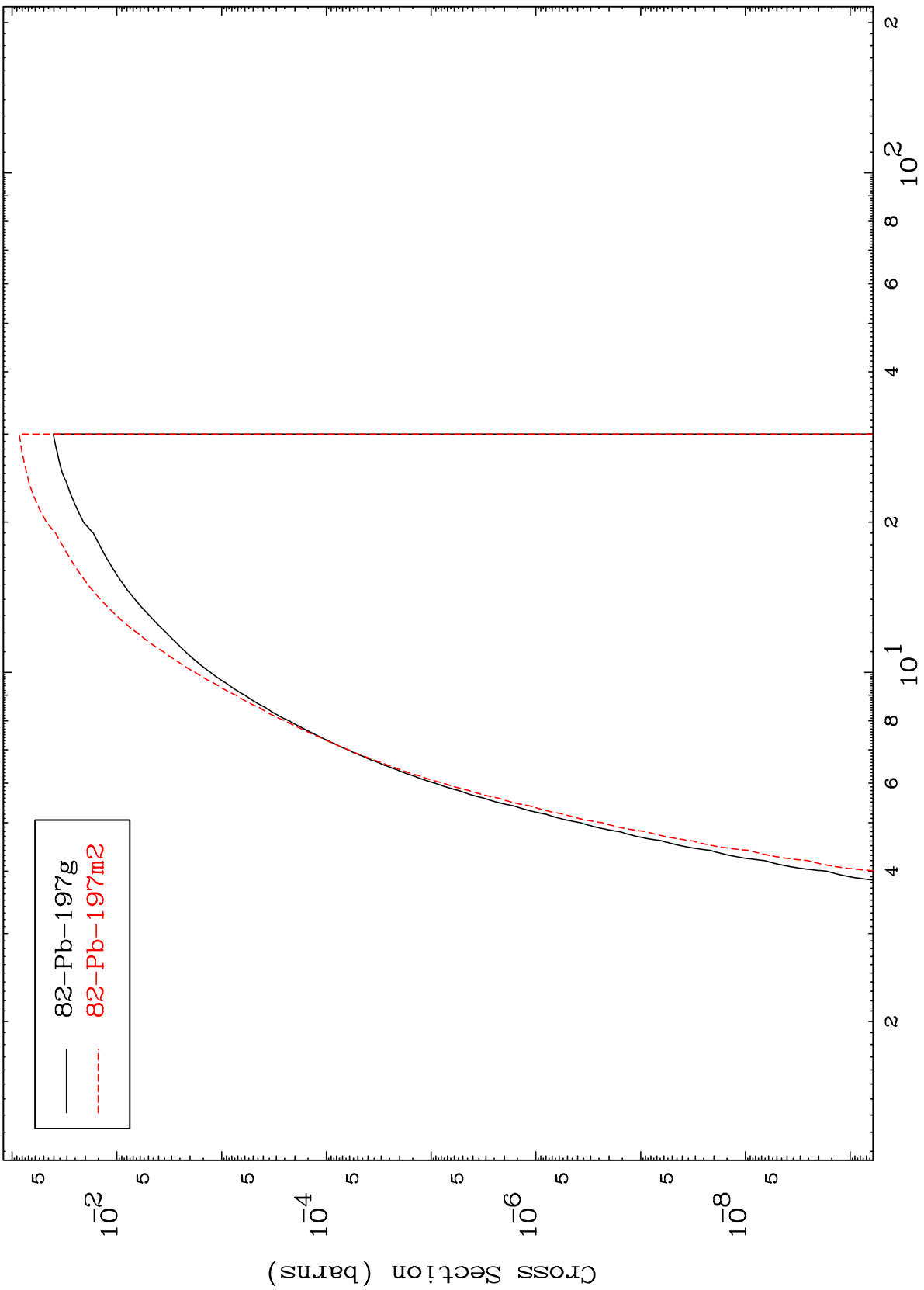
83-Bi-198

MAT 8293

(n,n') p

83-Bi-198

Radionuclide Production Cross Section



25

Incident Energy (MeV)

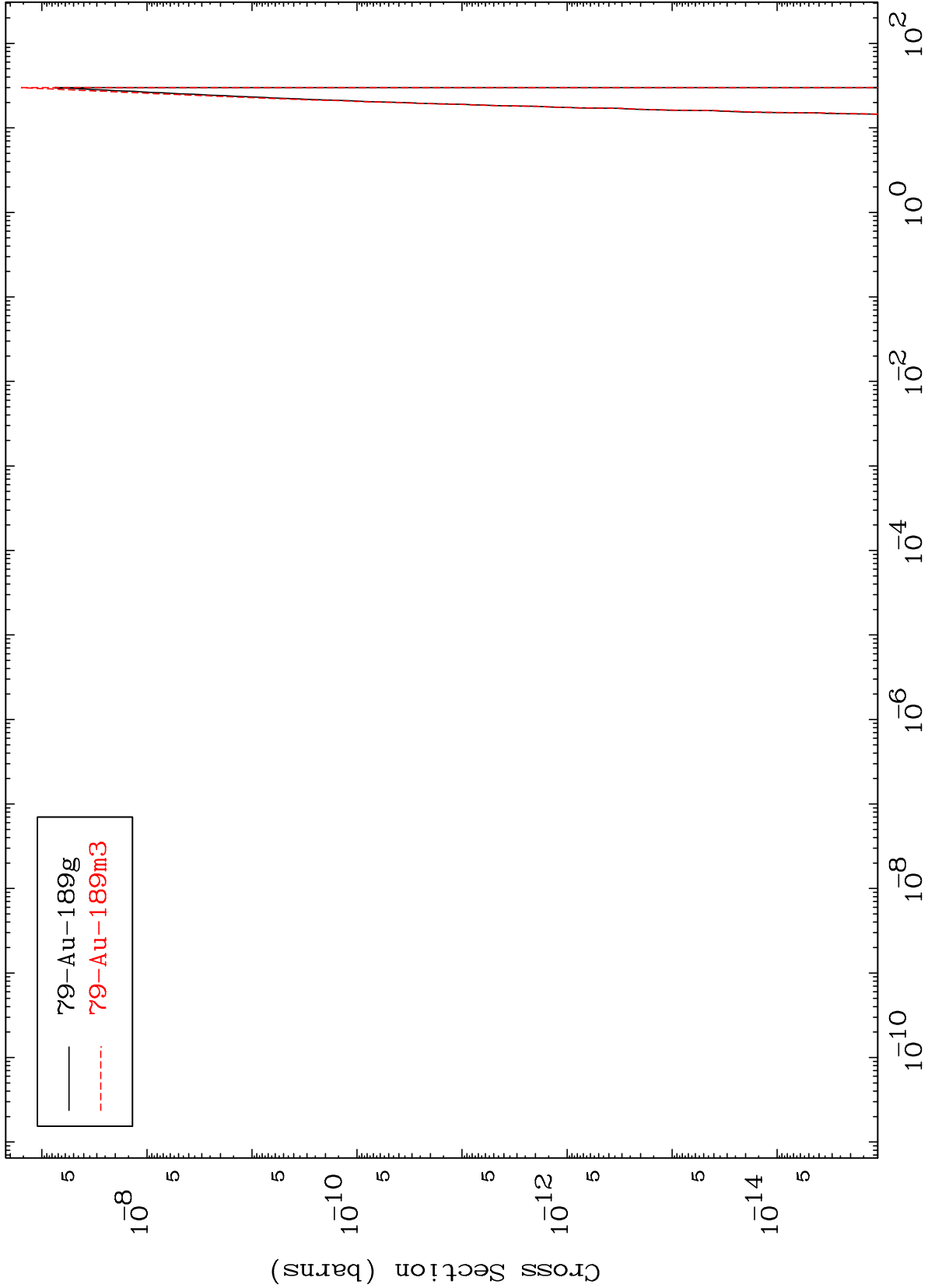
83-Bi-198

MAT 8293

$(n,2n) 2\alpha$

83-Bi-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

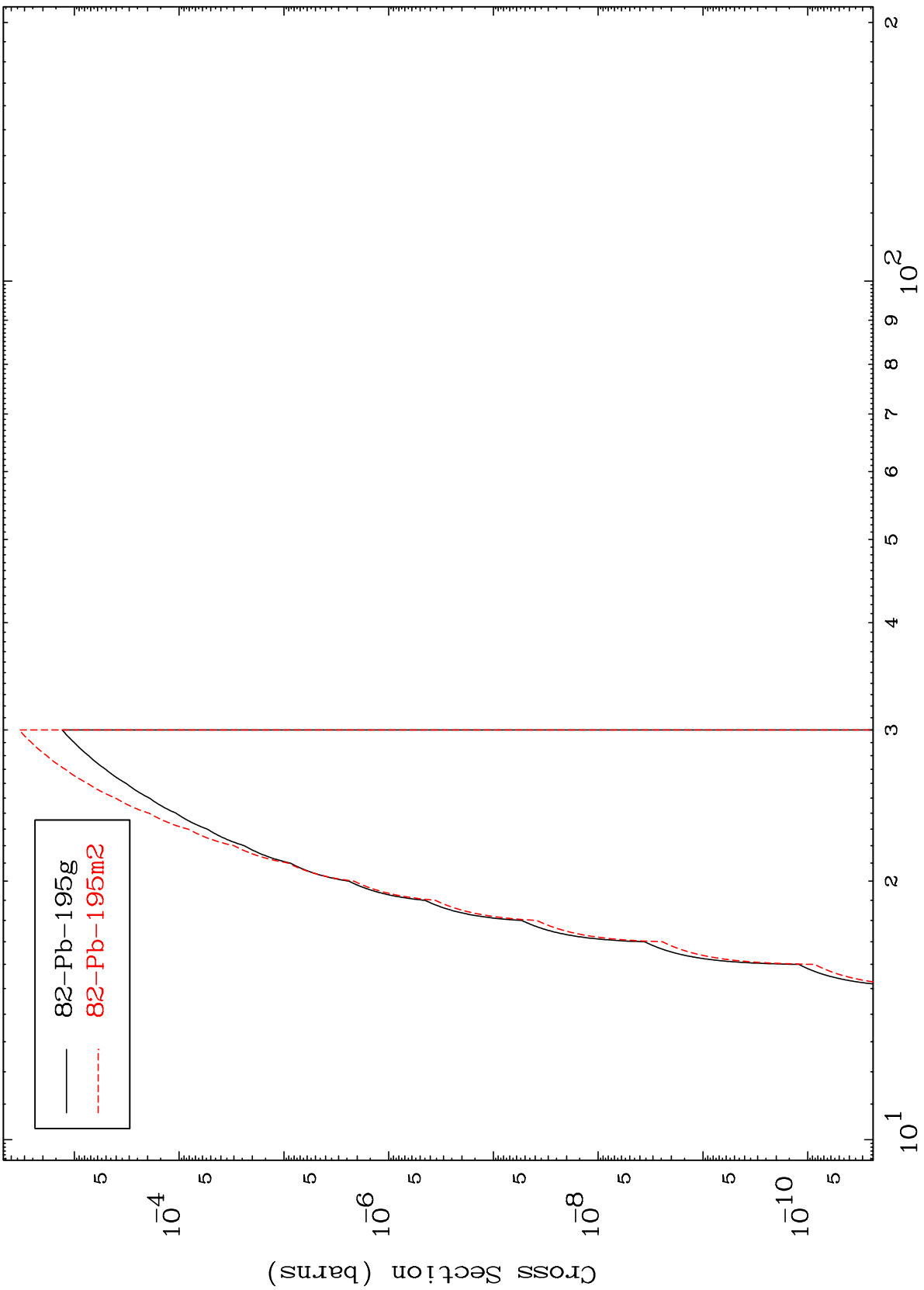
83-Bi-198

MAT 8293

(n,n') t

83-Bi-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

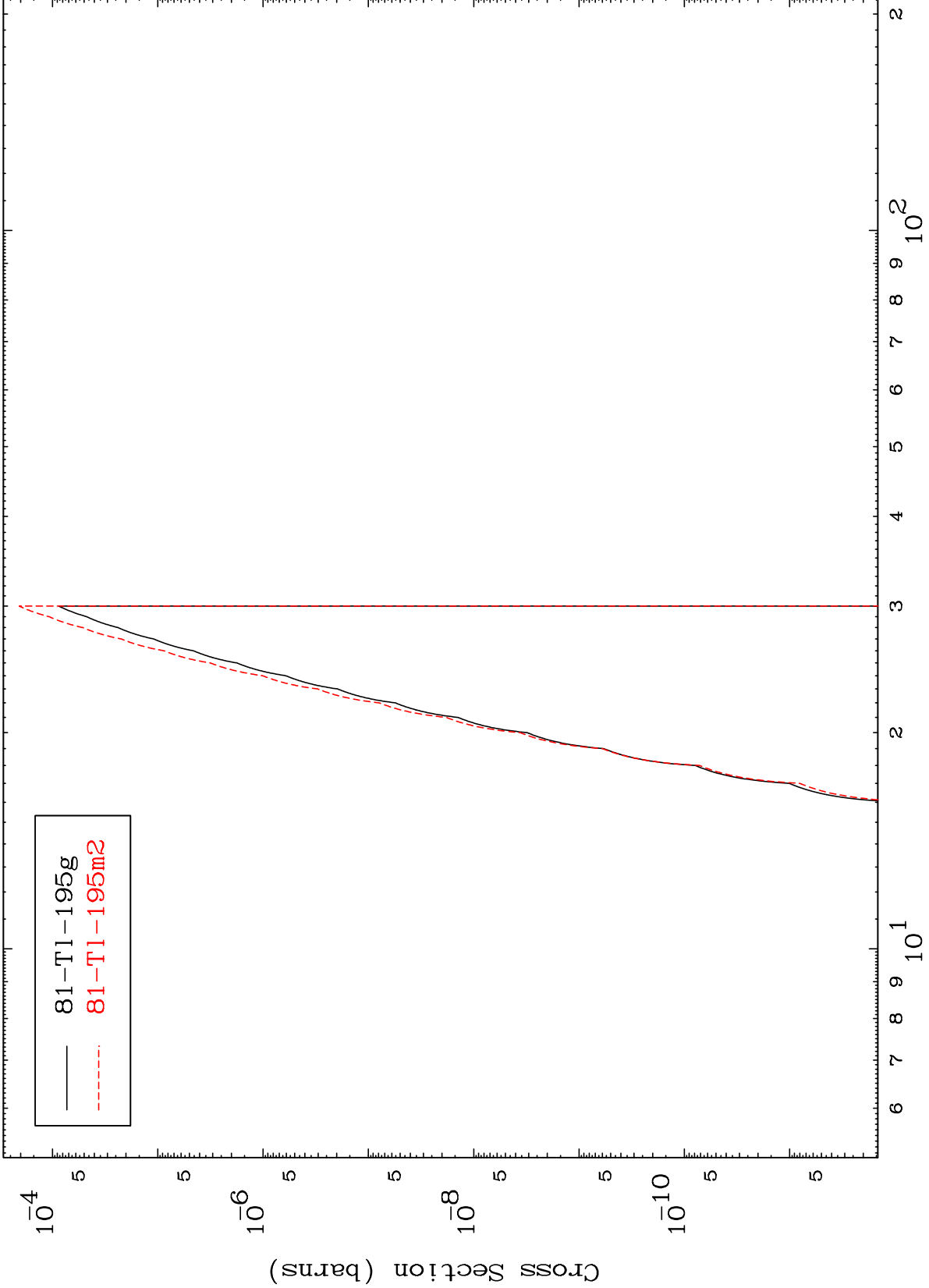
83-Bi-198

MAT 8293

(n,n') He-3

83-Bi-198

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

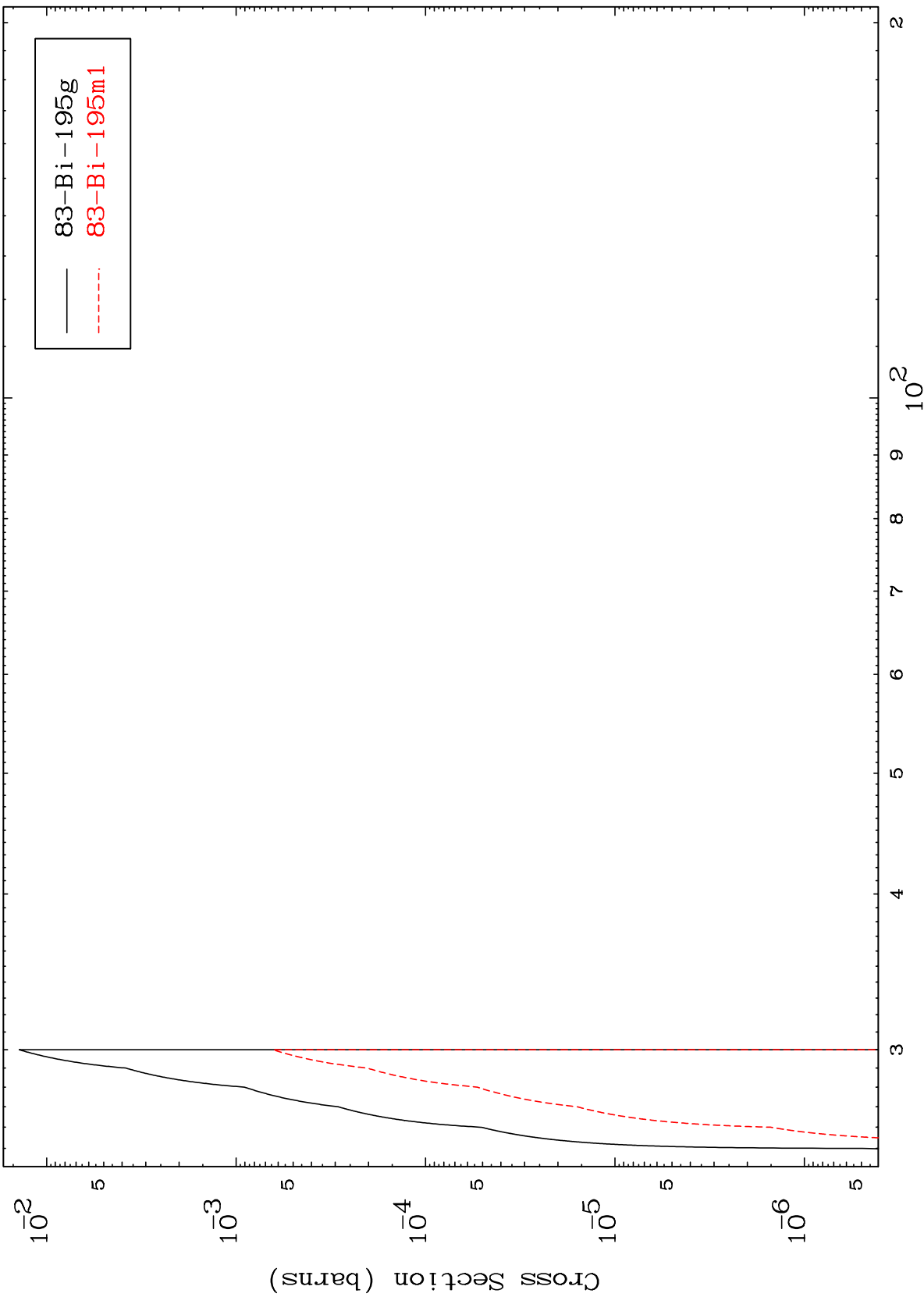
28

Incident Energy (MeV)

83-Bi-198

(n,4n)

Radionuclide Production Cross Section



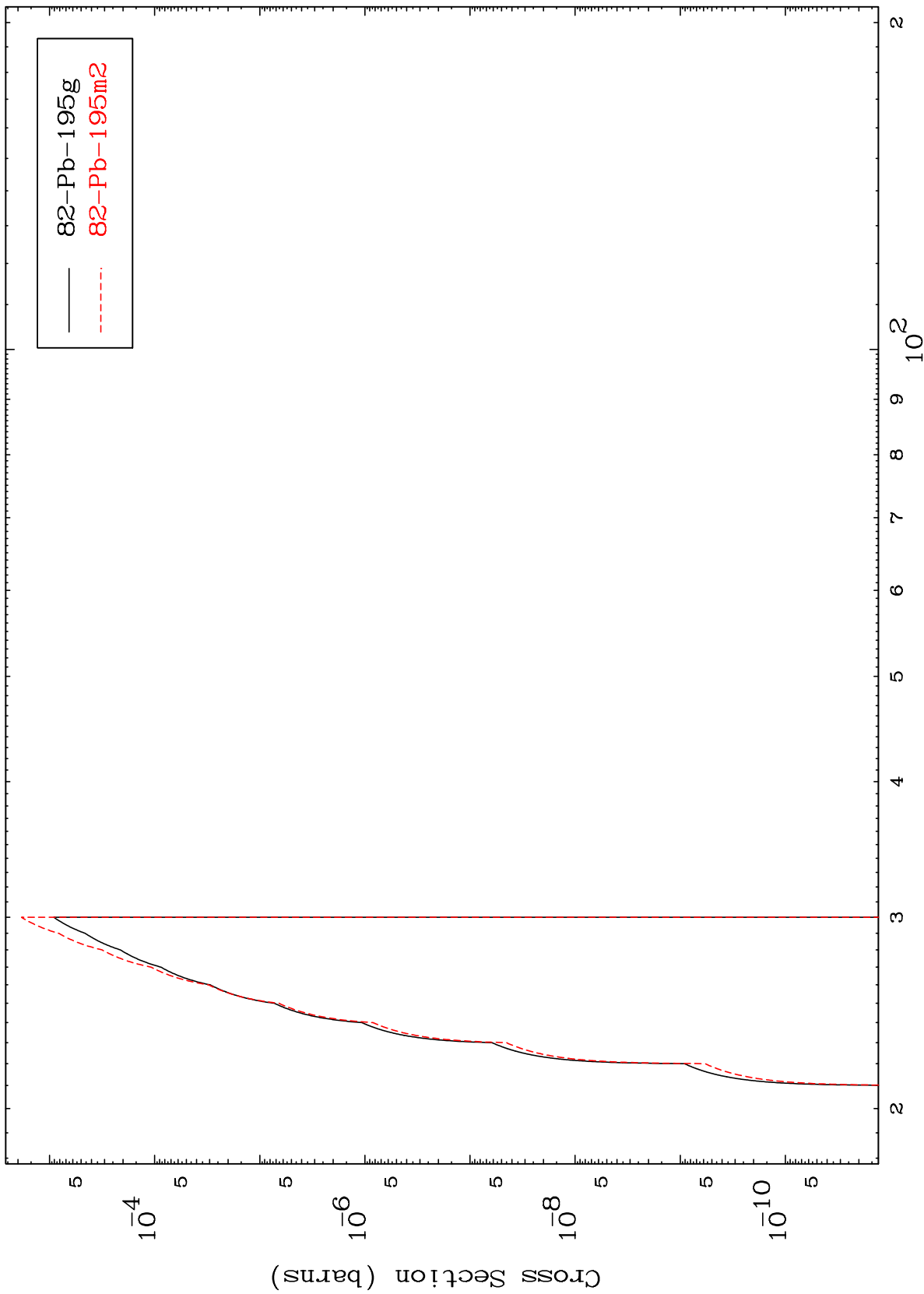
83-Bi-195g
83-Bi-195m1

MAT 8293

(n,3n) p

83-Bi-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

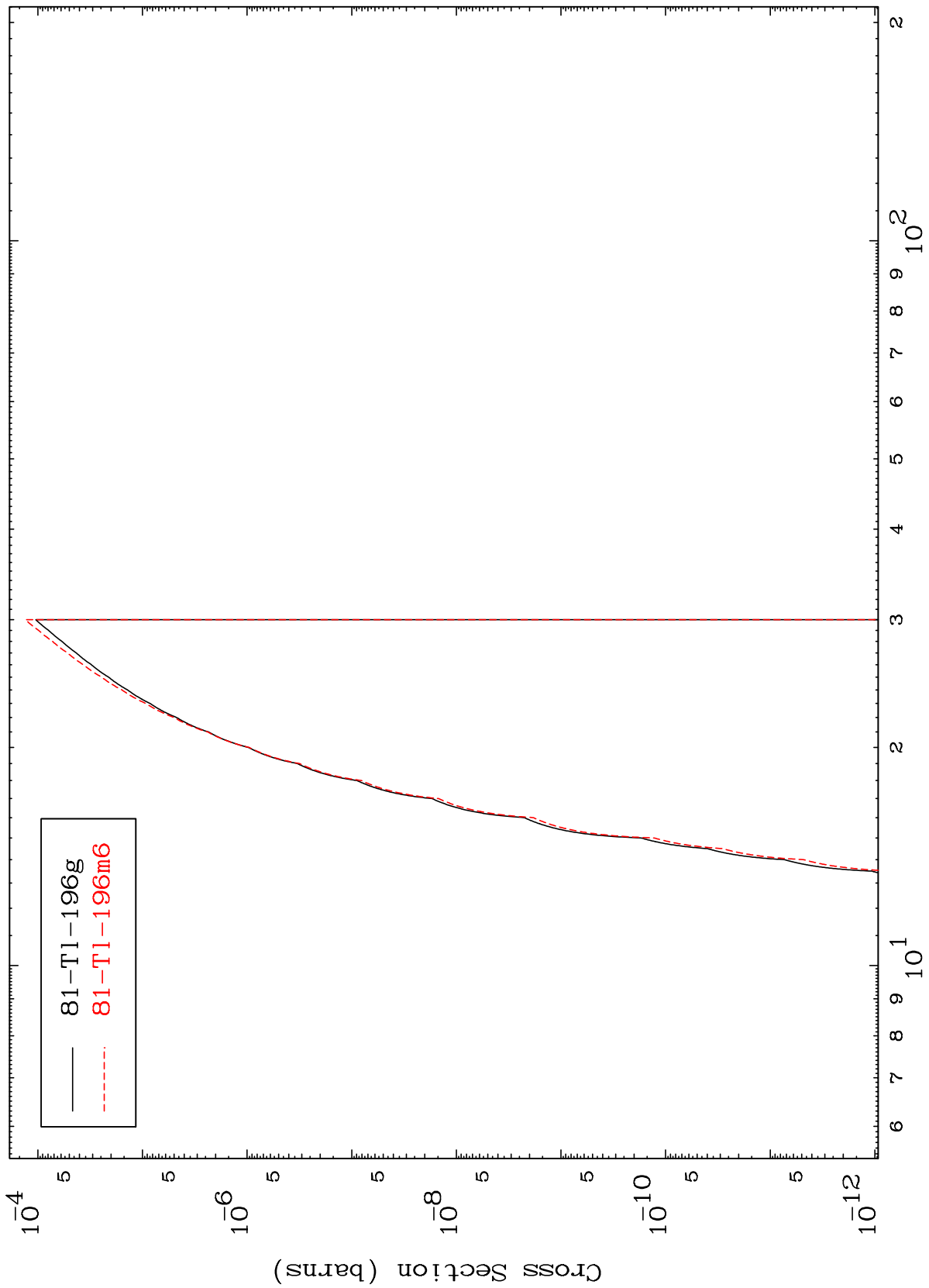
83-Bi-198

MAT 8293

(n,2n) p

83-Bi-198

Radionuclide Production Cross Section

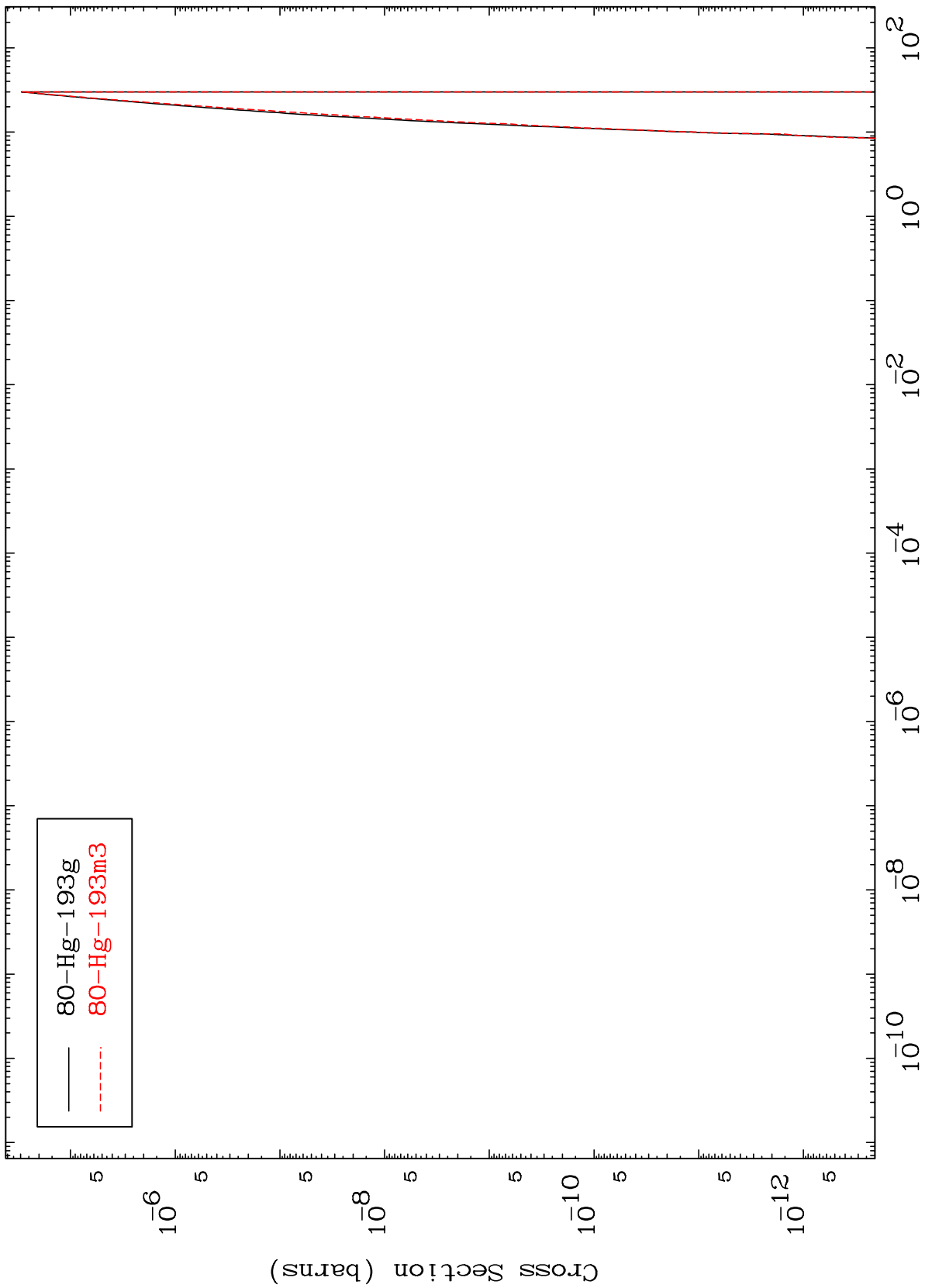


MAT 8293

(n,n') p α

83-Bi-198

Radionuclide Production Cross Section



32

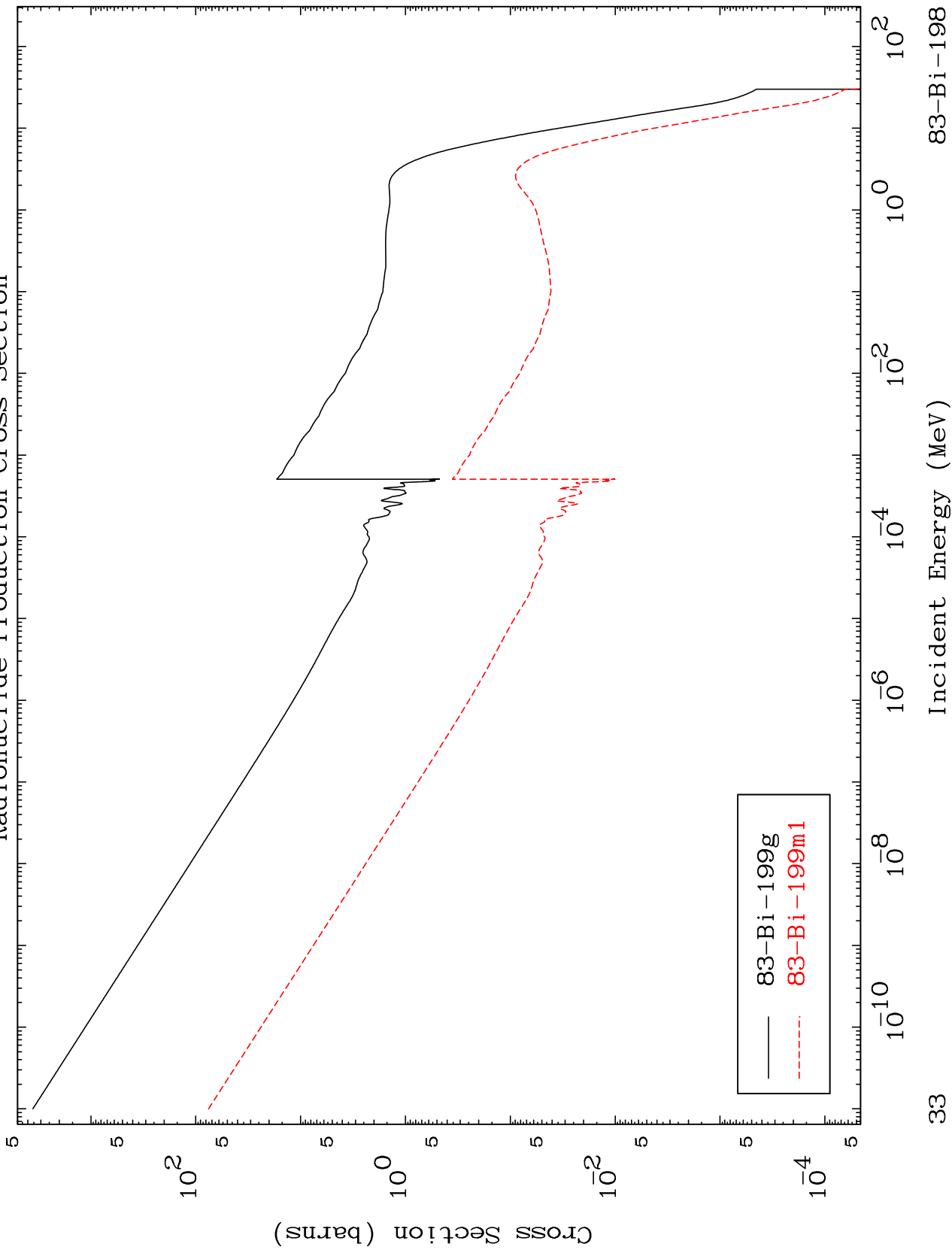
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

(n, γ)
Radionuclide Production Cross Section

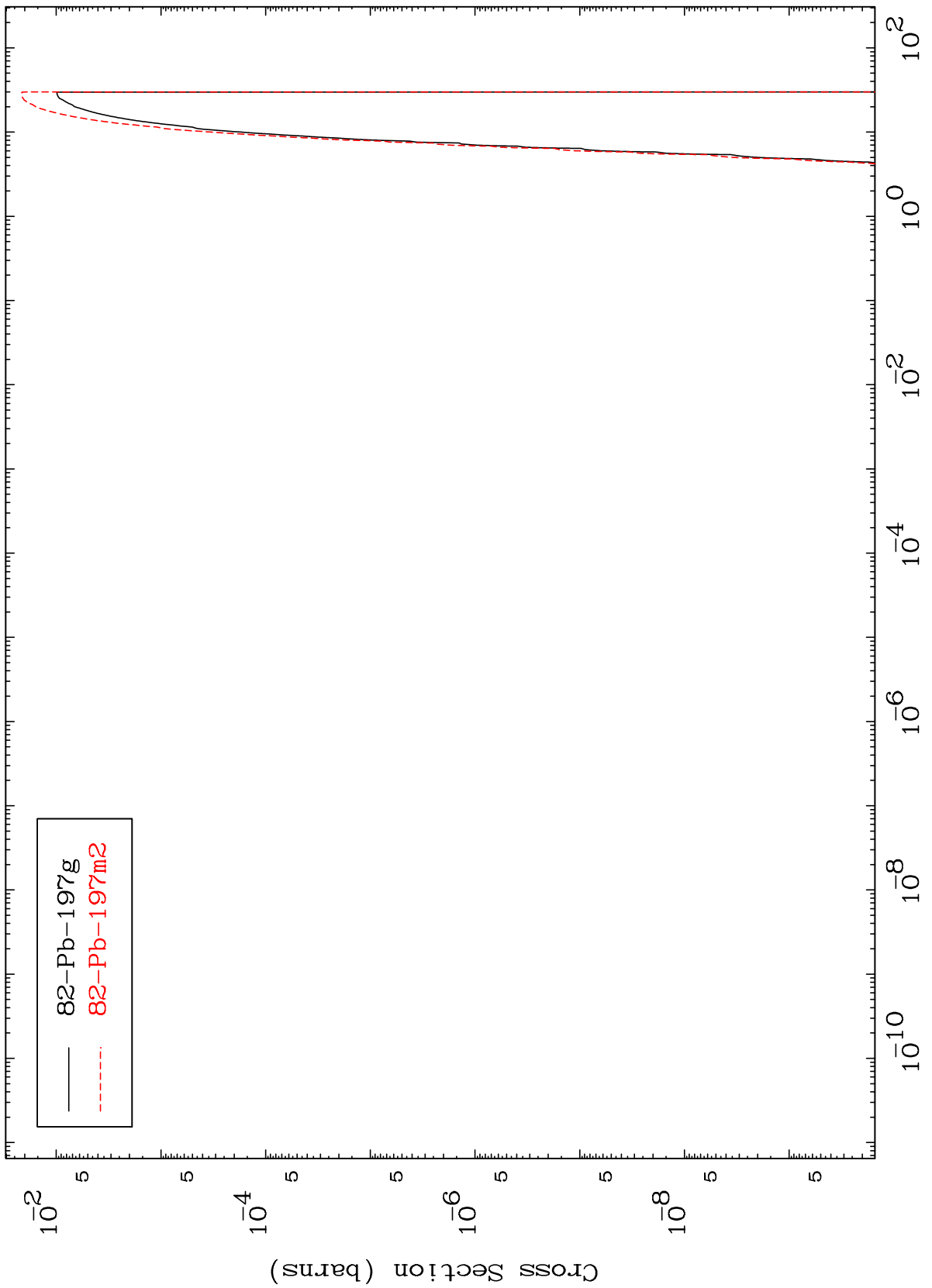


MAT 8293

(n,d)

83-Bi-198

Radionuclide Production Cross Section

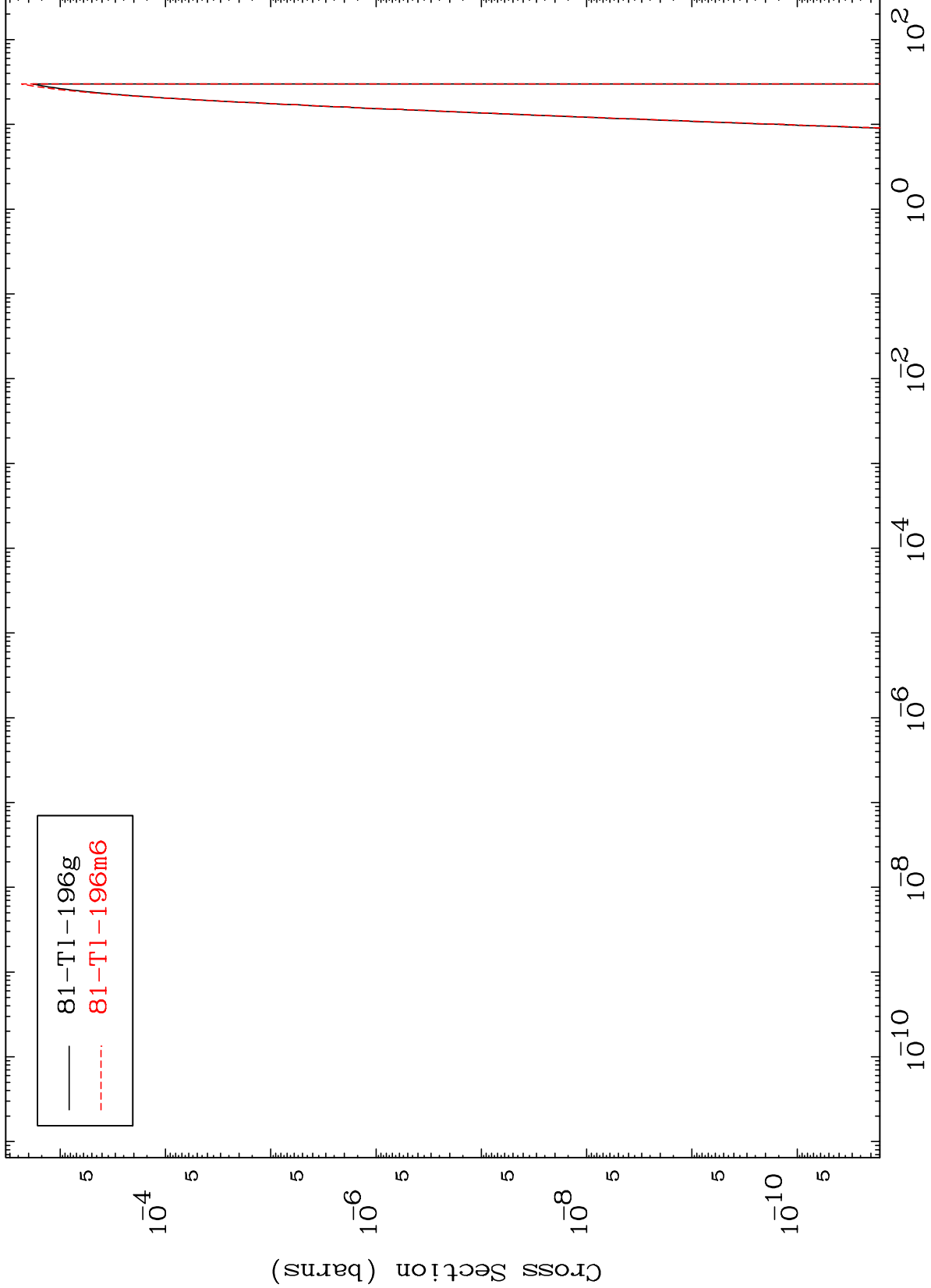


MAT 8293

(n,He-3)

83-Bi-198

Radionuclide Production Cross Section

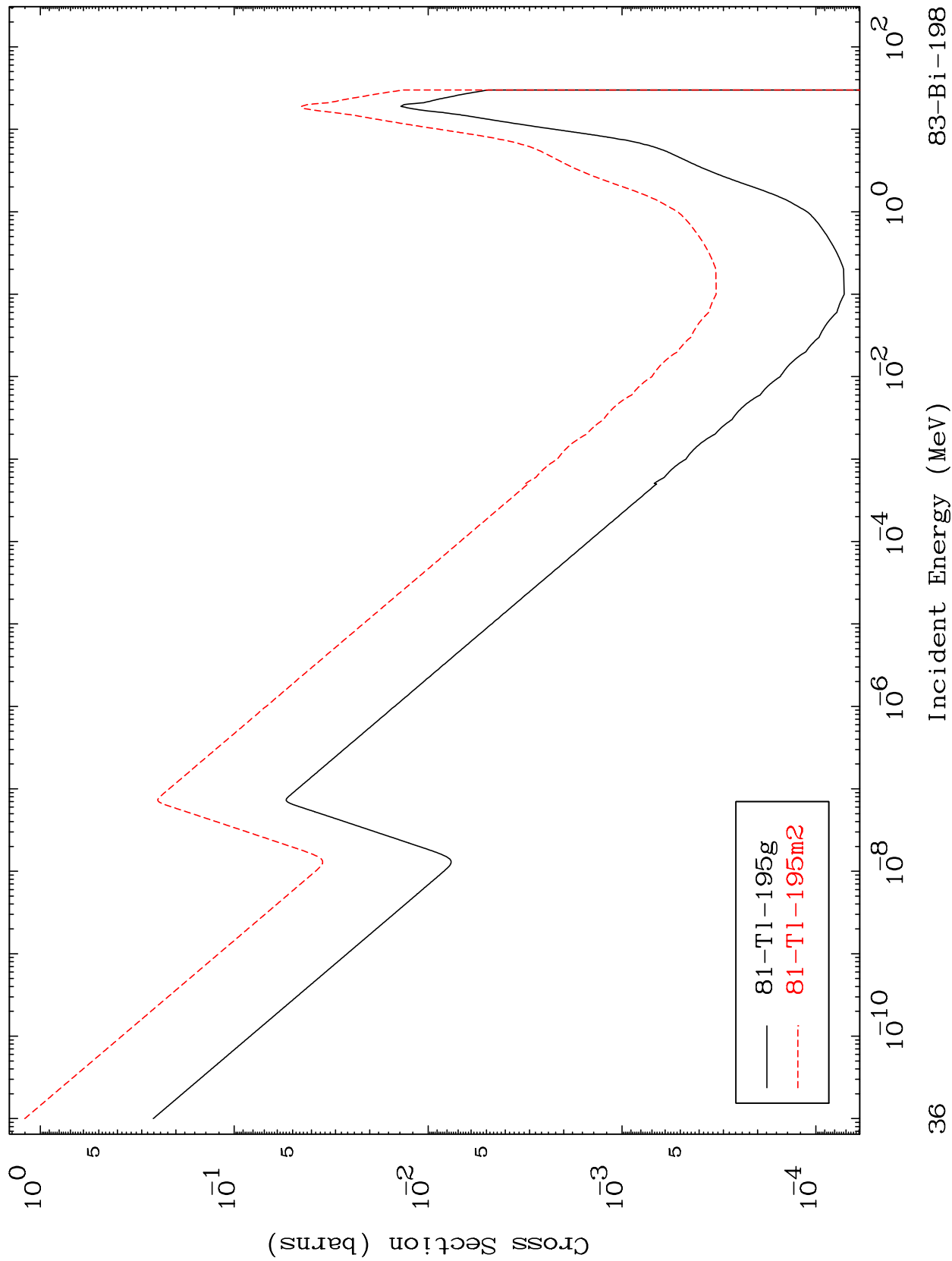


81-Tl-196g
81-Tl-196m6

MAT 8293

83-Bi-198

(n, α)
Radionuclide Production Cross Section

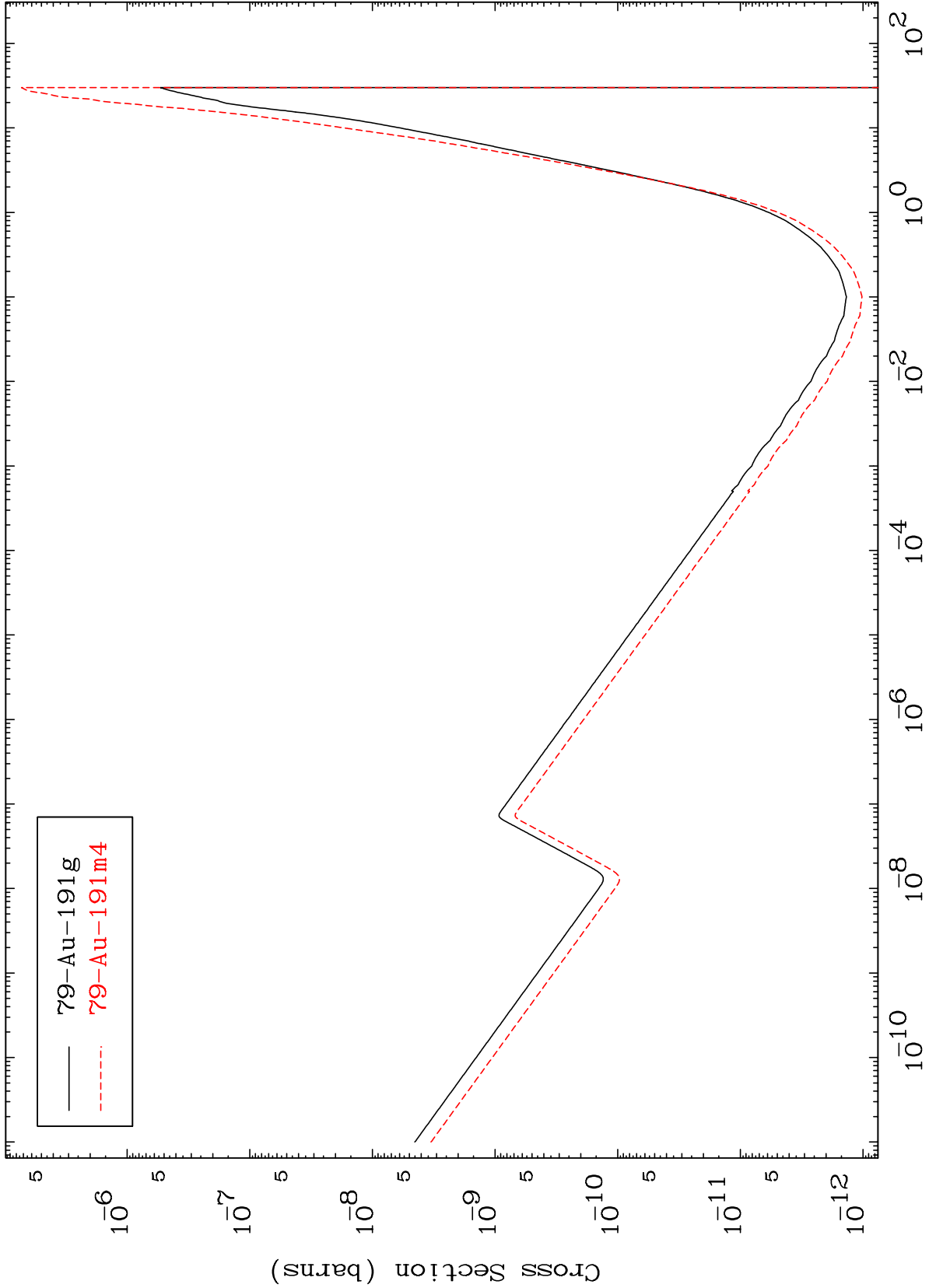


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(n,2α)

83-Bi-198

Radionuclide Production Cross Section

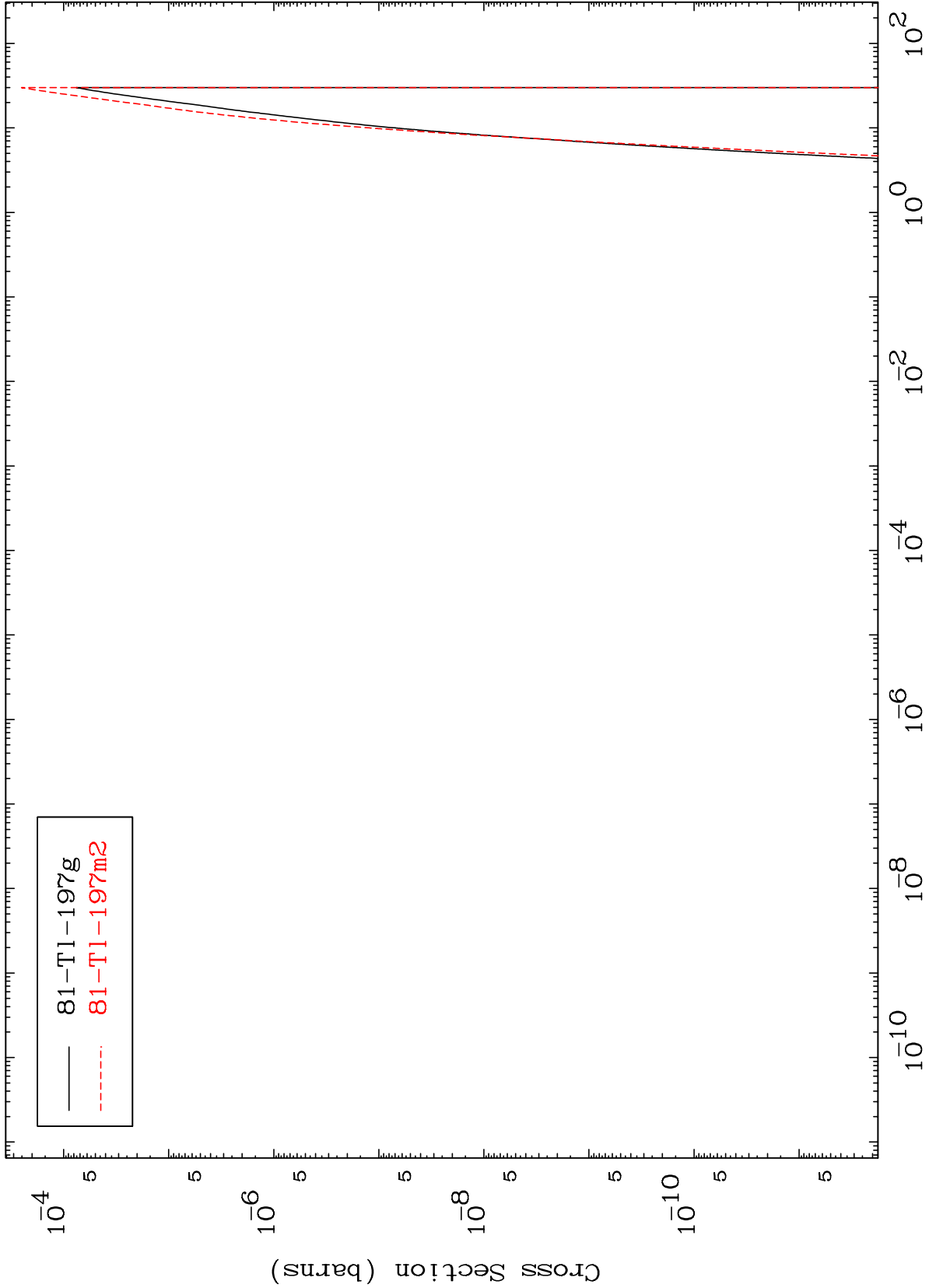


MAT 8293

(n,2p)

83-Bi-198

Radionuclide Production Cross Section

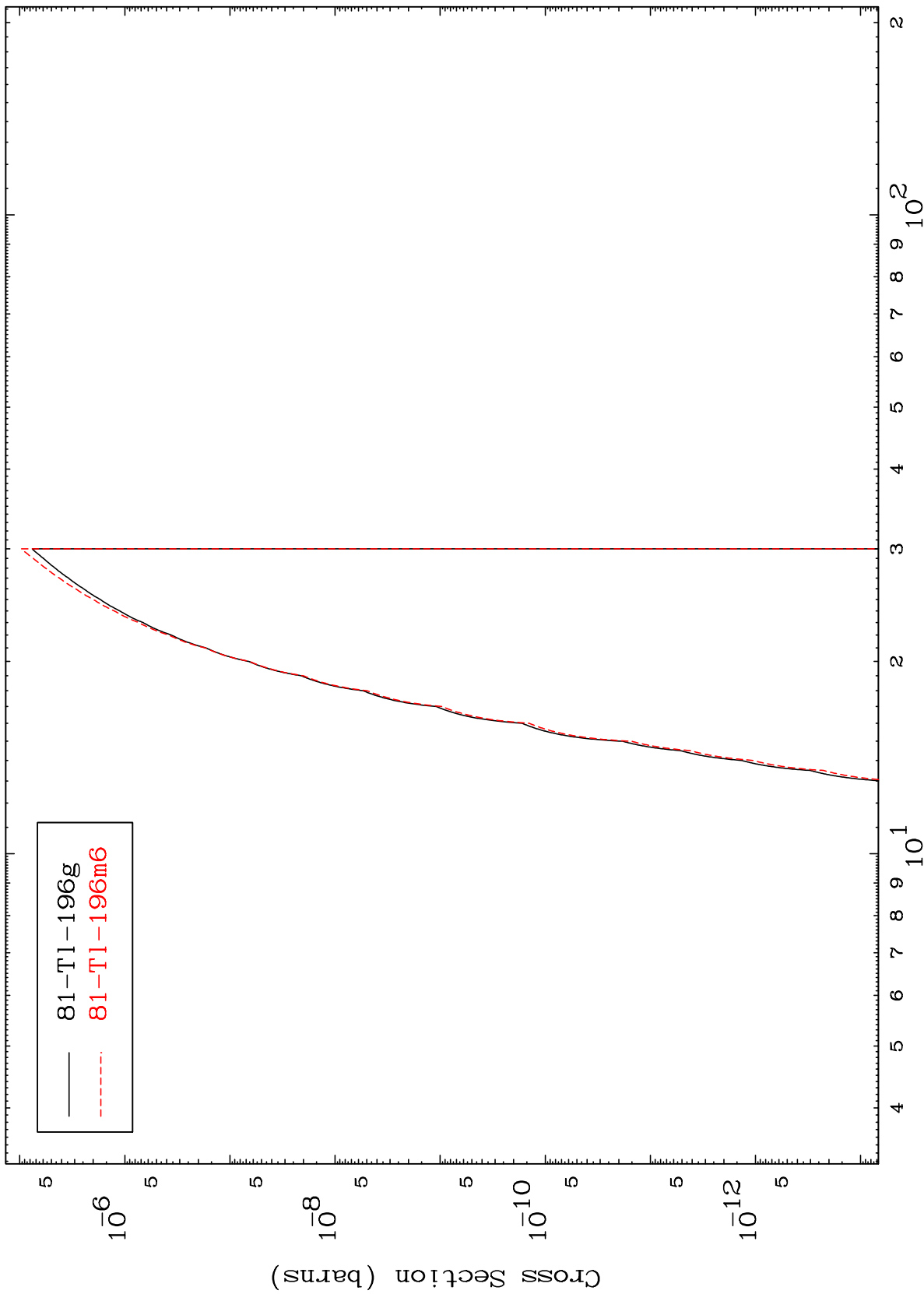


MAT 8293

(n,p) d

83-Bi-198

Radionuclide Production Cross Section



39

Incident Energy (MeV)

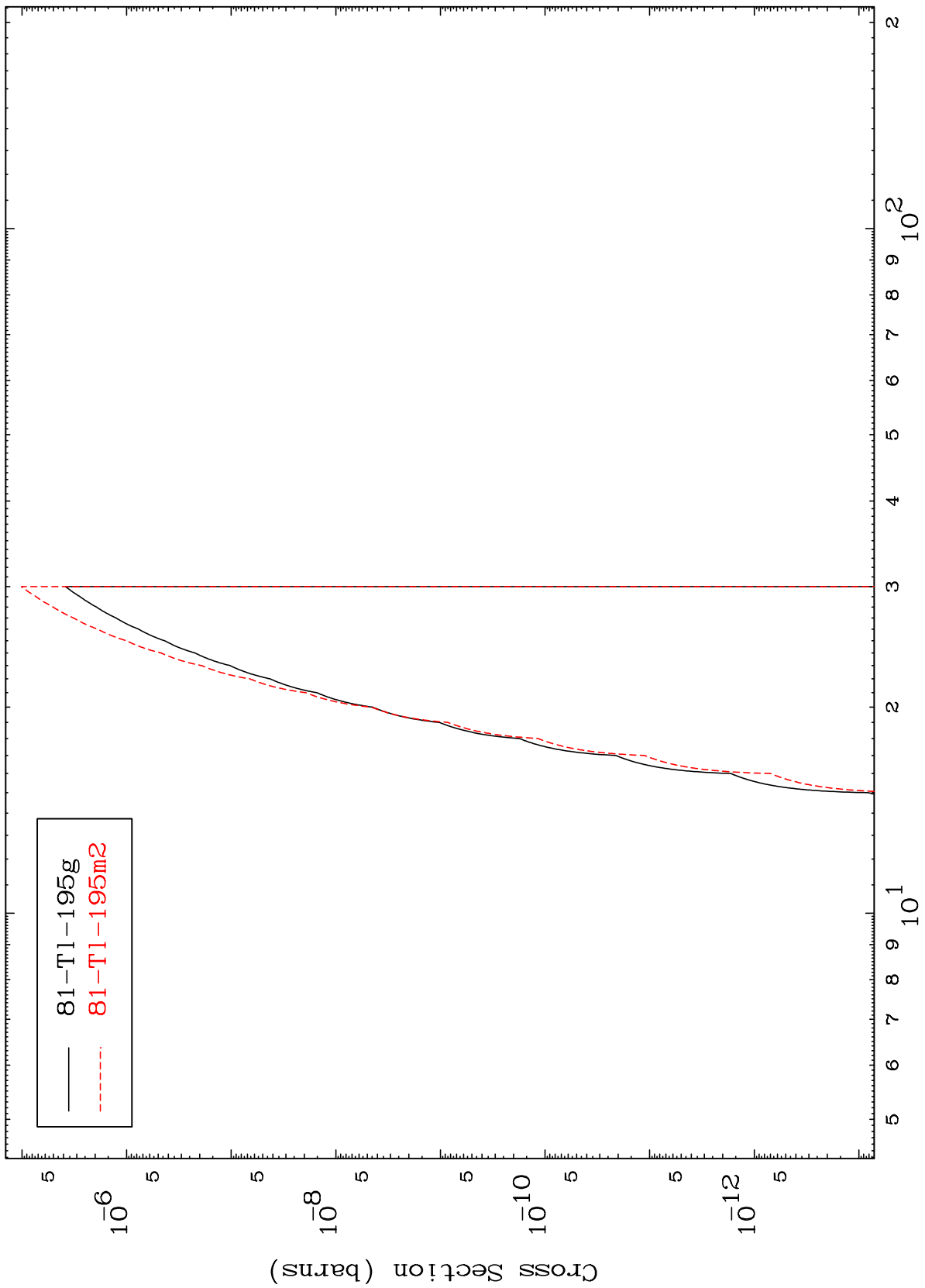
83-Bi-198

MAT 8293

(n,p) t

83-Bi-198

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

40

Incident Energy (MeV)

83-Bi-198

MAT 8293

(n,d) α

83-Bi-198

Radionuclide Production Cross Section

