

Program EVALPLOT
(Version 2021-1)

by

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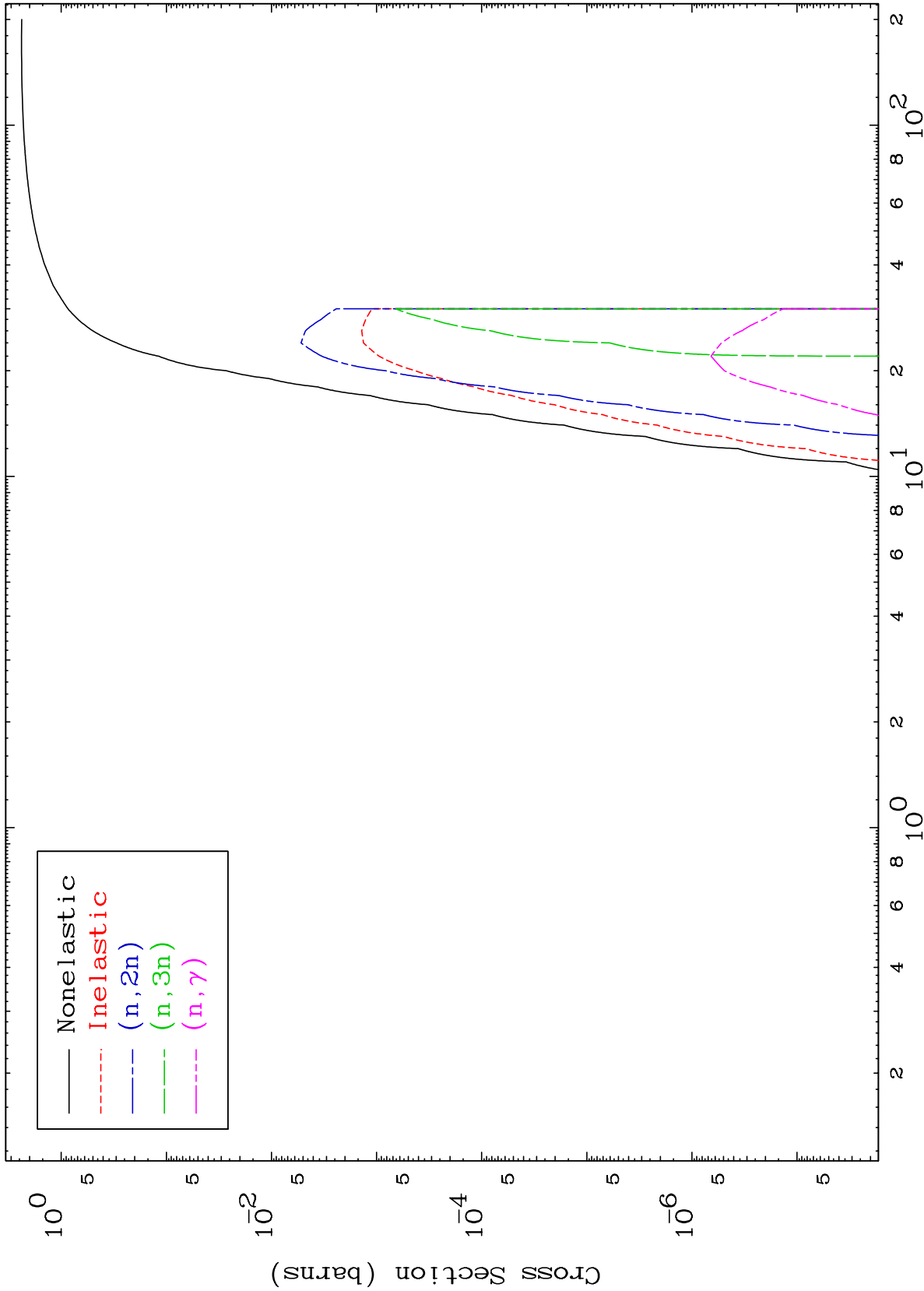
Press Mouse Button to Start

MAT 8294

He-3 Major

83-Bi-198n

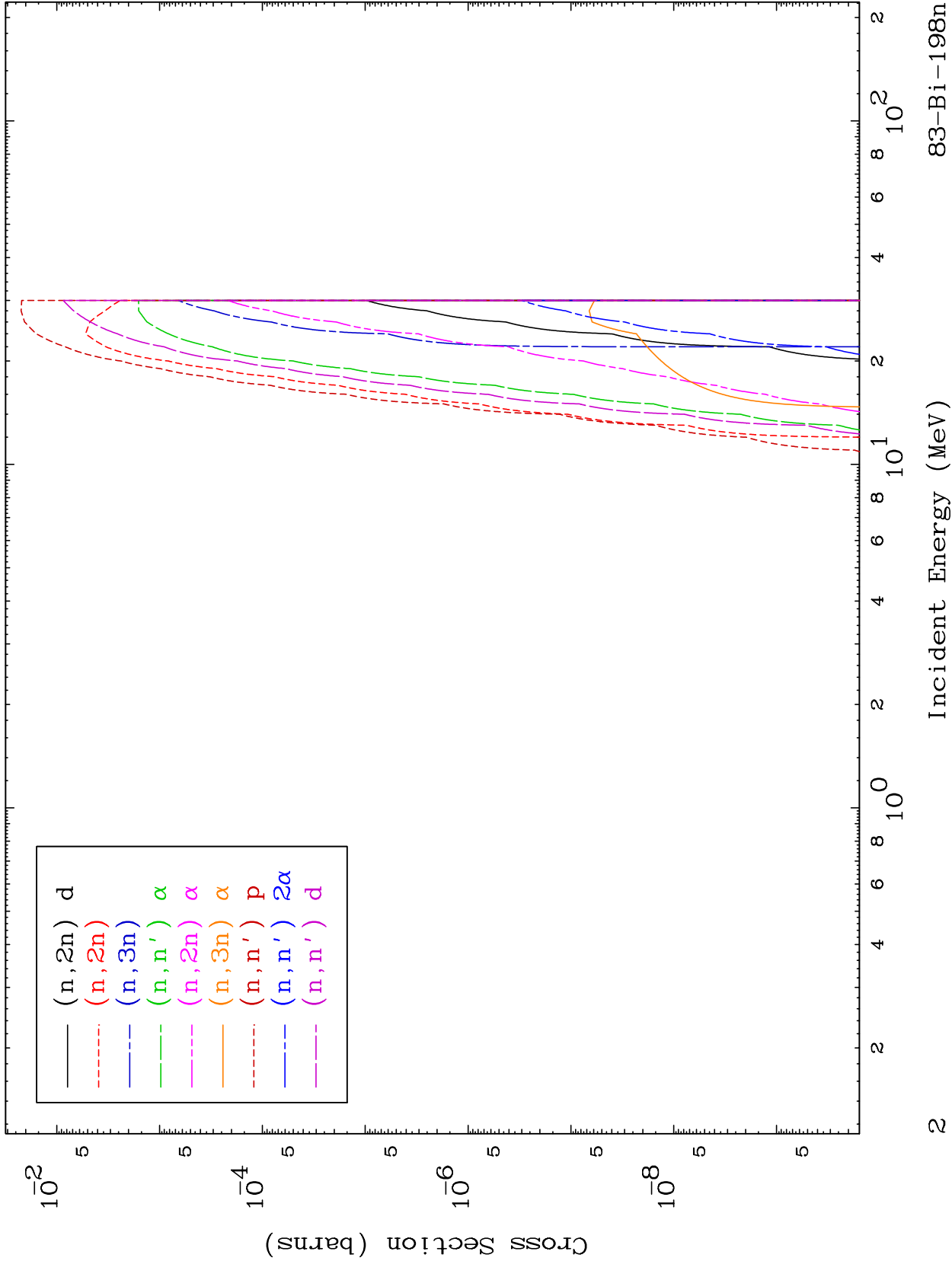
0 Kelvin Cross Sections



MAT 8294

He-3 Neutron Absorption
0 Kelvin Cross Sections

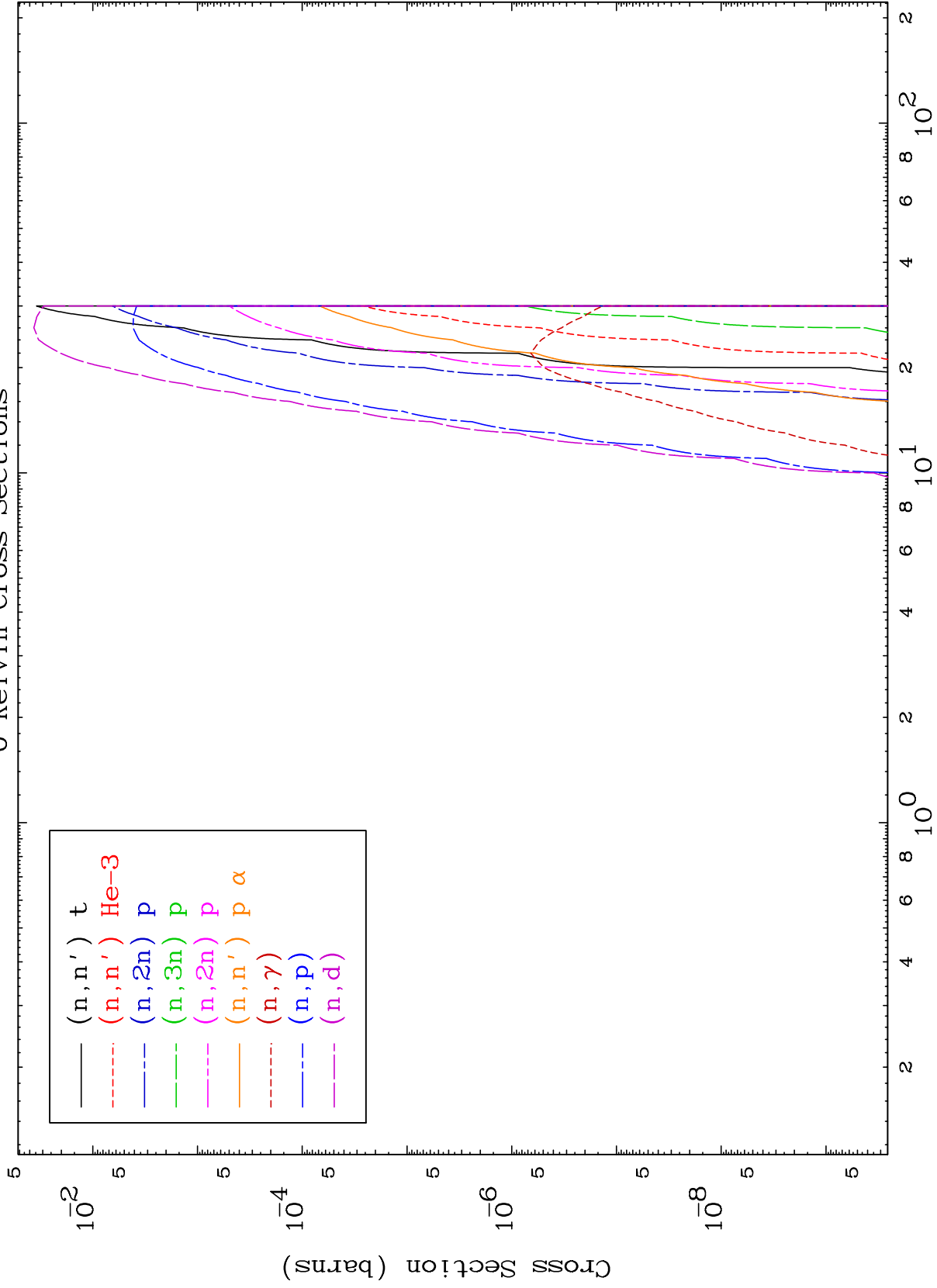
83-Bi-198n



MAT 8294

He-3 Neutron Absorption
0 Kelvin Cross Sections

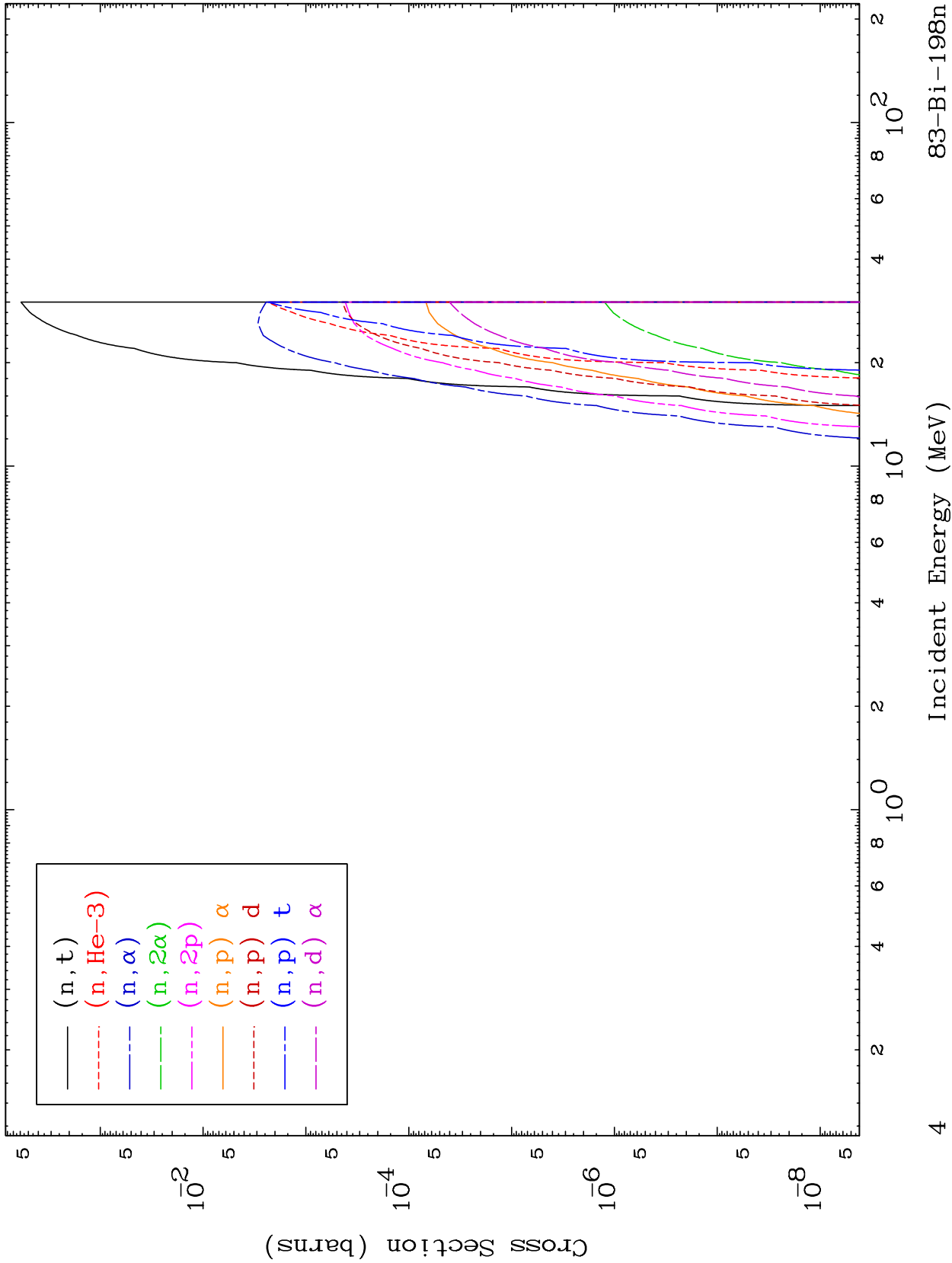
83-Bi-198n



MAT 8294

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-198n

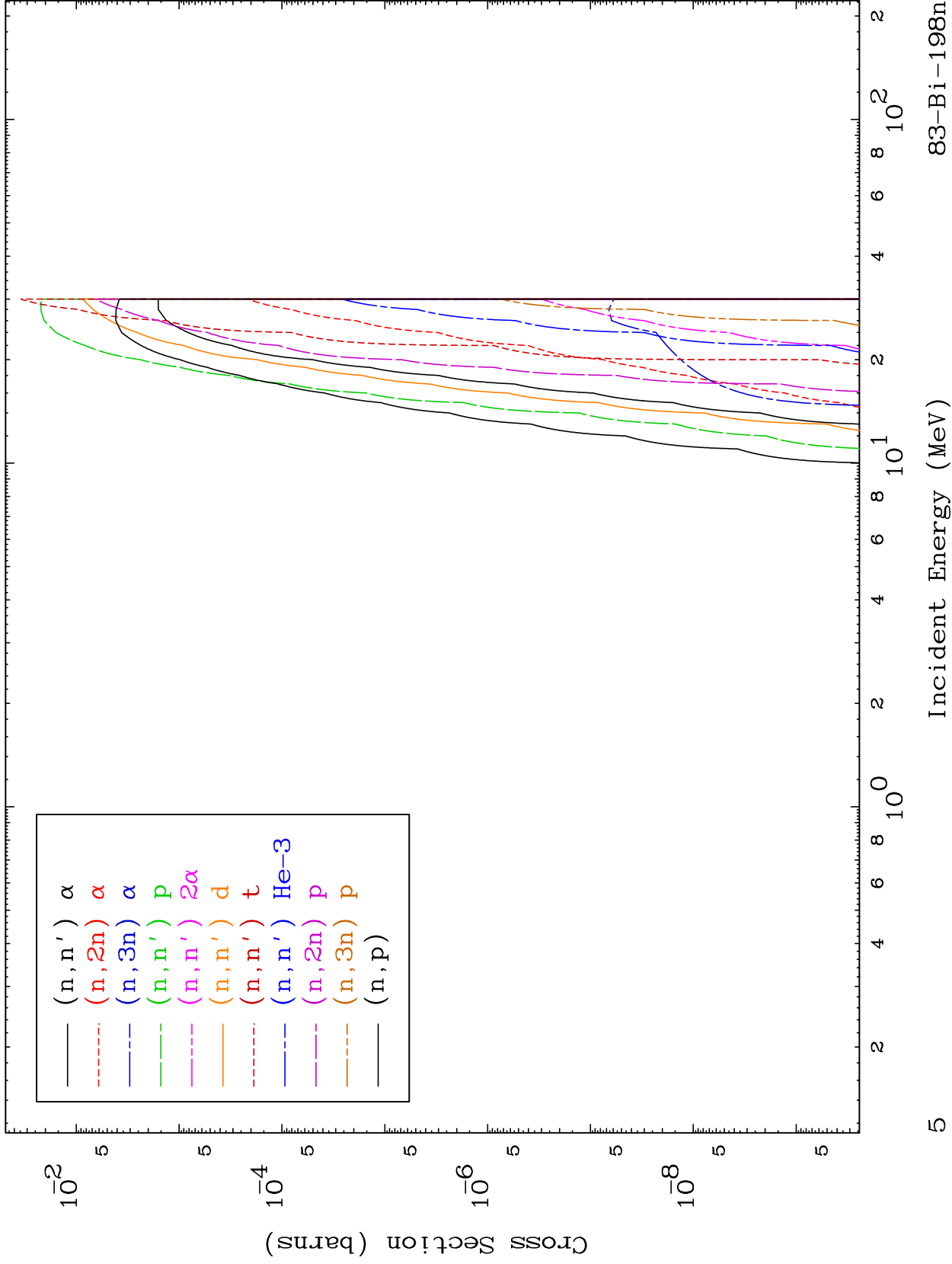


83-Bi-198n

MAT 8294

He-3 Charged Particle
0 Kelvin Cross Sections

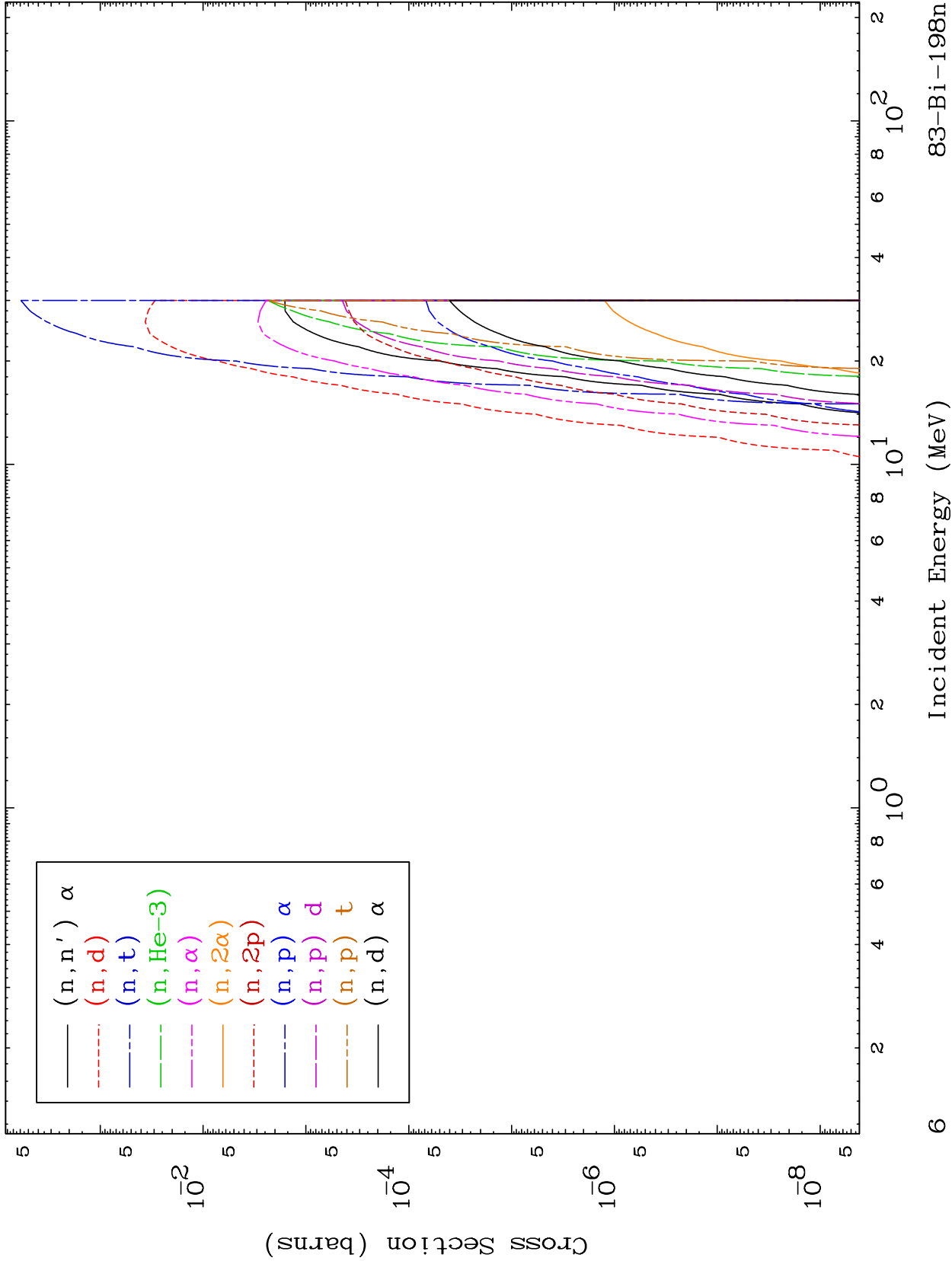
83-Bi-198n



MAT 8294

He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-198n

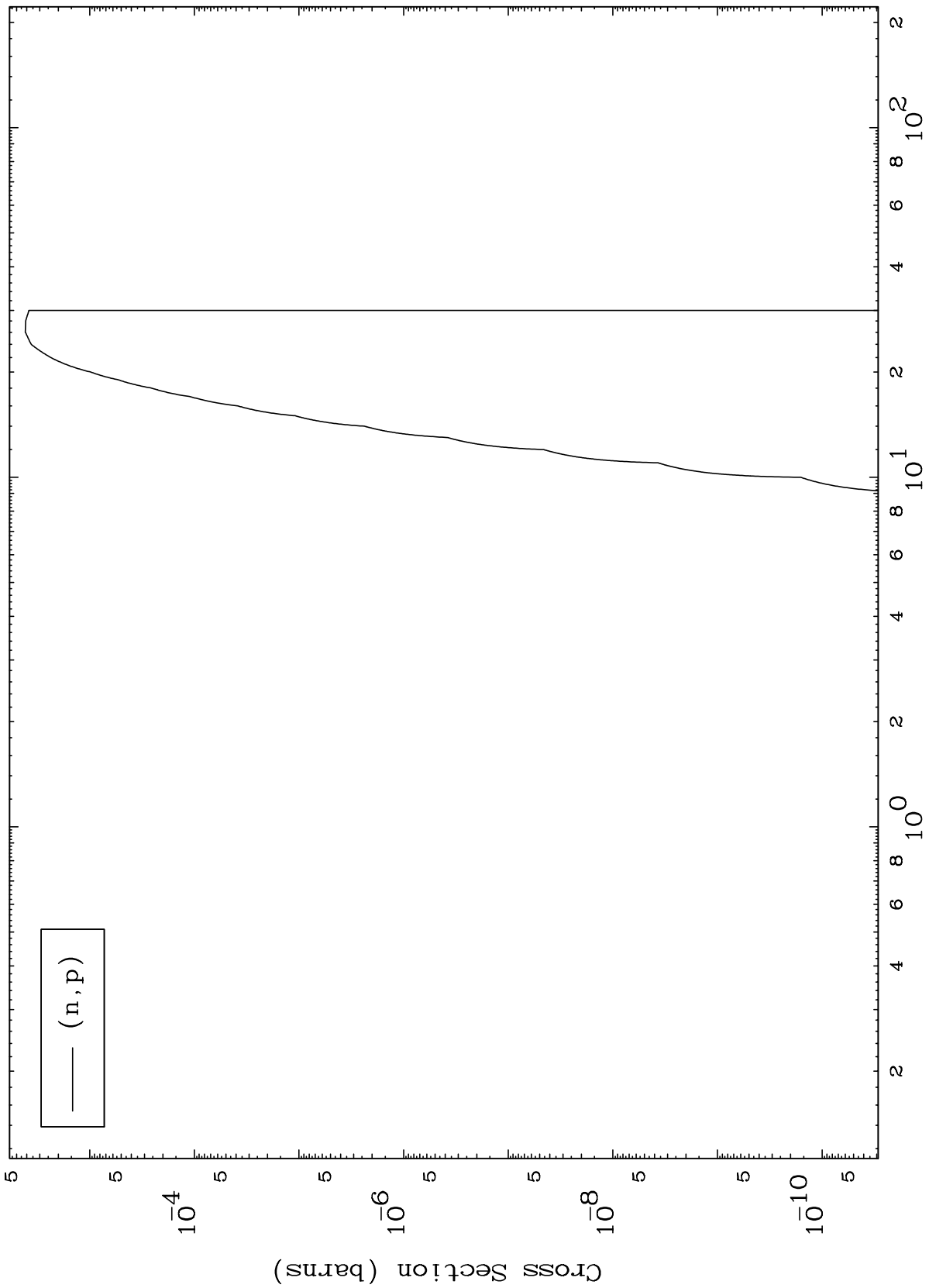


MAT 8294

(He-3,p) Levels

83-Bi-198n

0 Kelvin Cross Sections

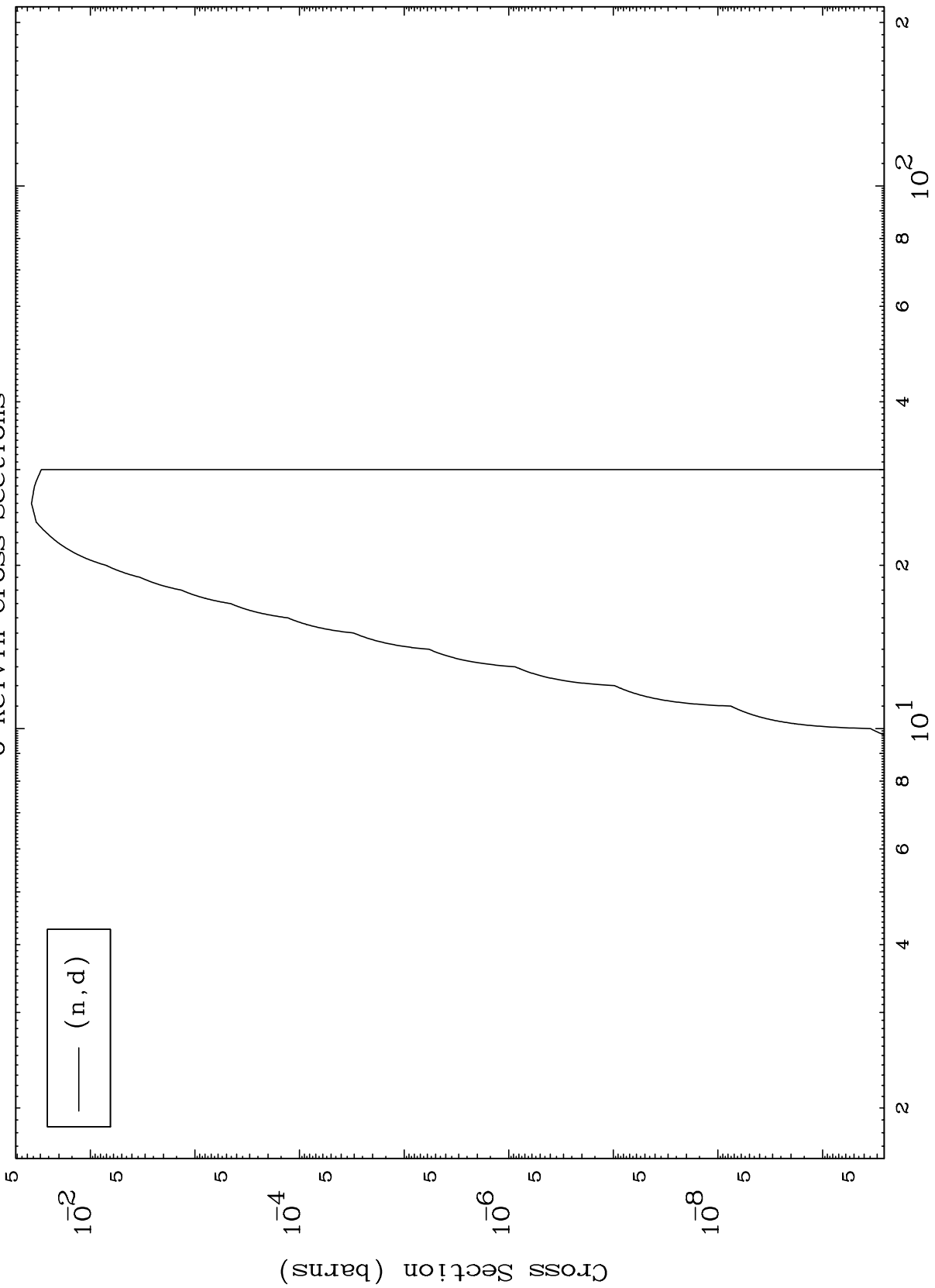


MAT 8294

(He-3,d) Levels

83-Bi-198n

0 Kelvin Cross Sections



8

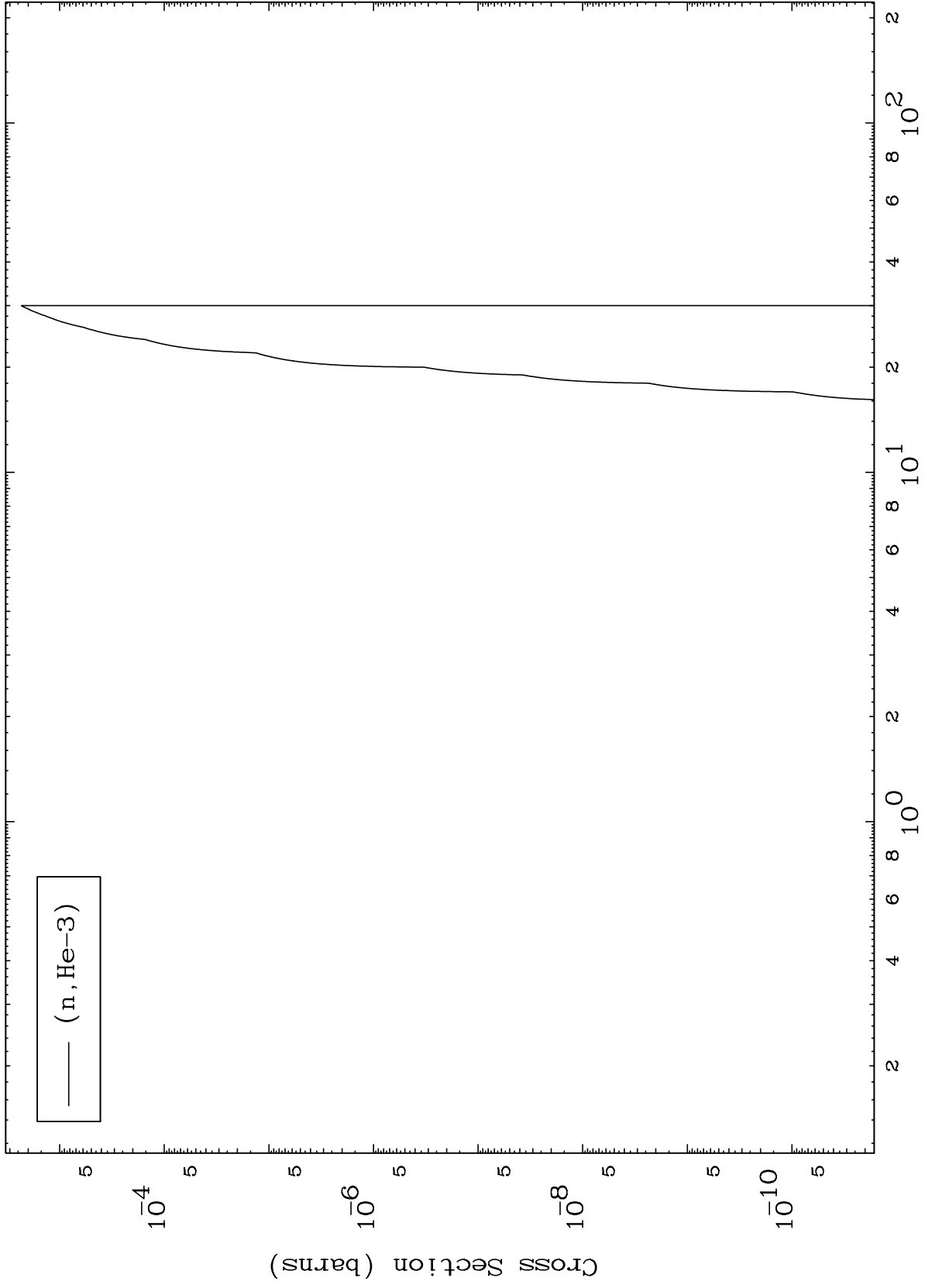
Incident Energy (MeV)

83-Bi-198n

MAT 8294

(He-3, He3) Levels
0 Kelvin Cross Sections

83-Bi-198n



10

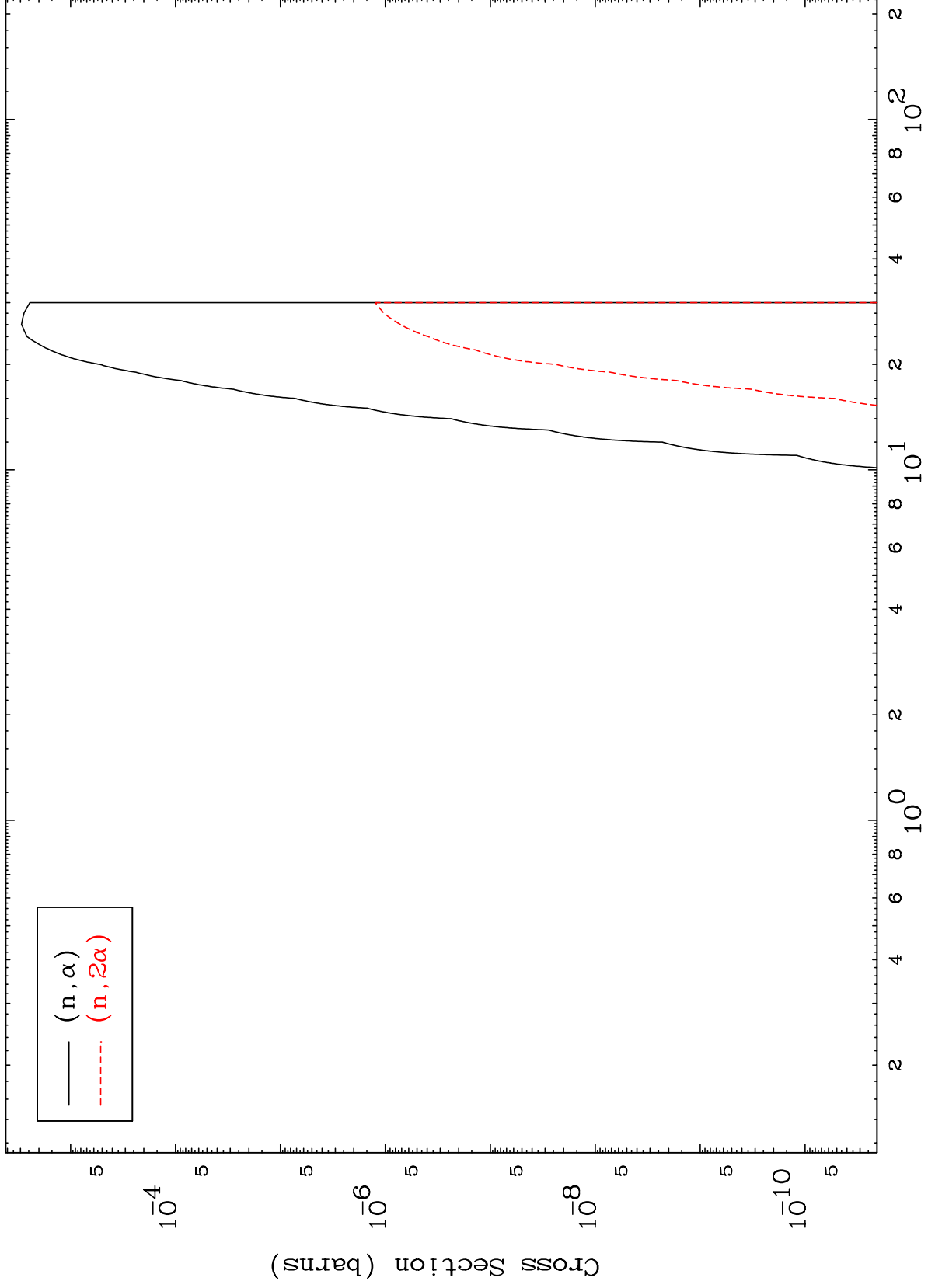
Incident Energy (MeV)

83-Bi-198n

MAT 8294

(He-3, α) Levels
0 Kelvin Cross Sections

83-Bi-198n

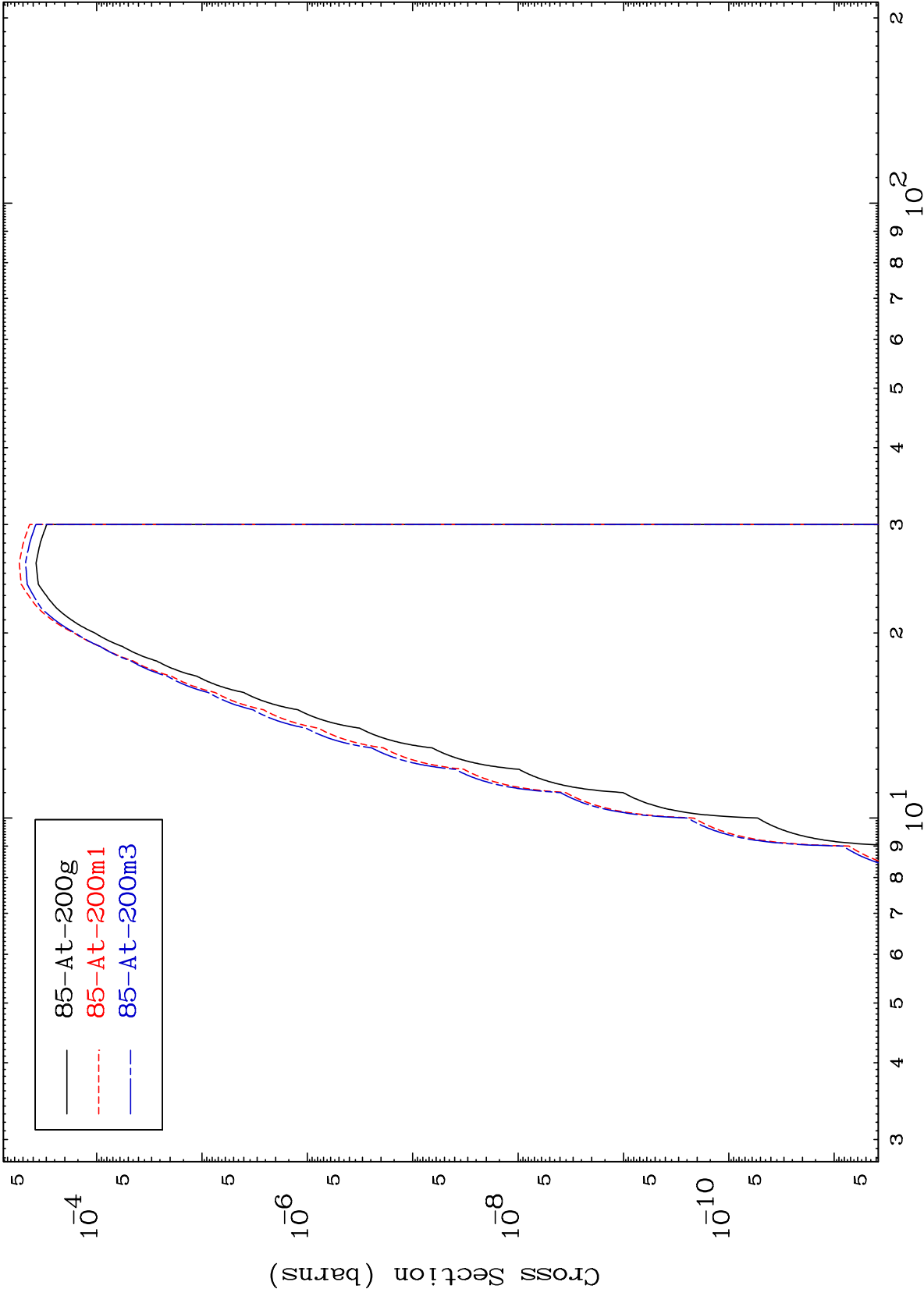


83-Bi-198n

MAT 8294

83-Bi-198n

Inelastic
Radionuclide Production Cross Section



83-Bi-198n

Incident Energy (MeV)

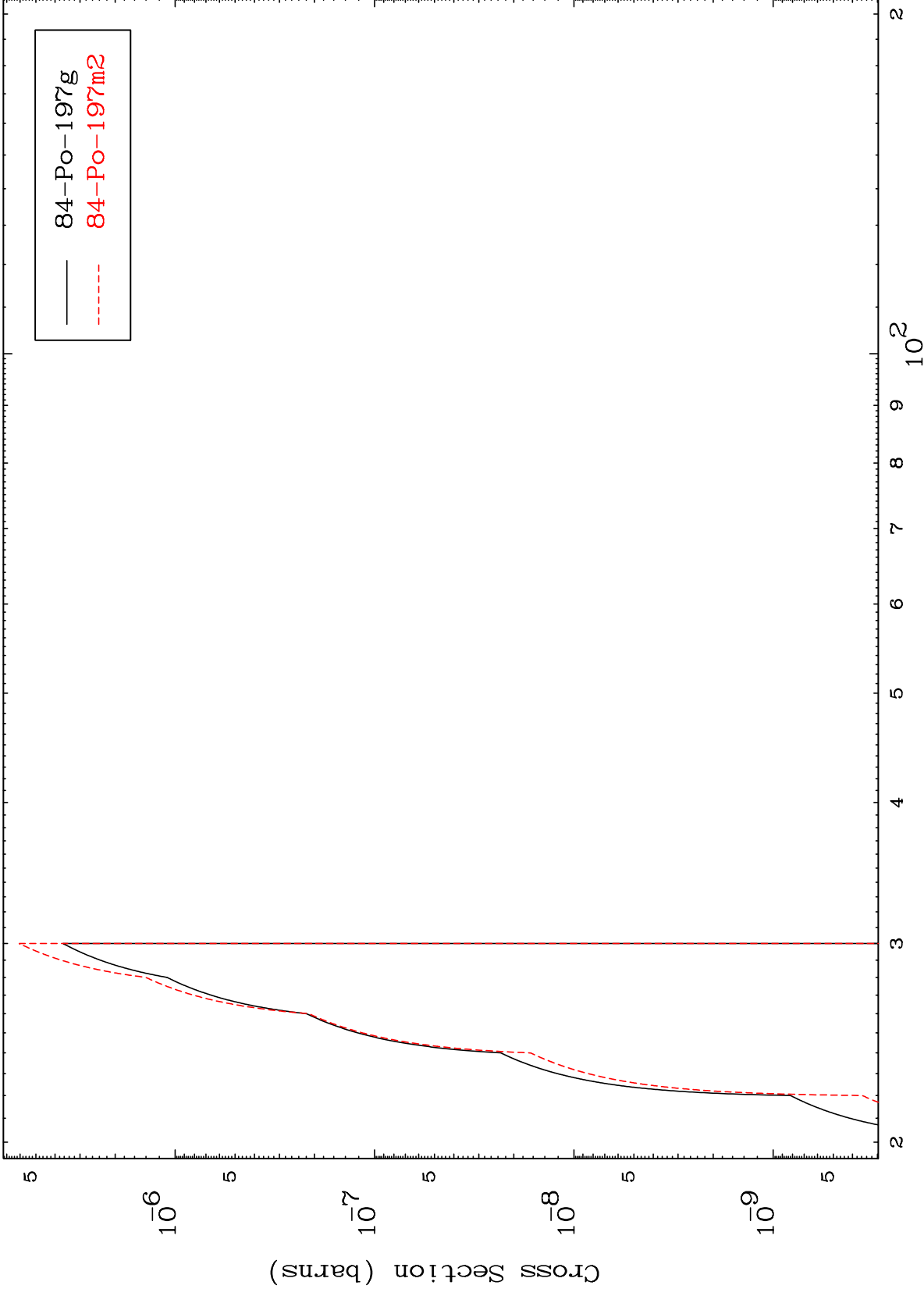
12

MAT 8294

(n,2n) d

83-Bi-198n

Radionuclide Production Cross Section



13

Incident Energy (MeV)

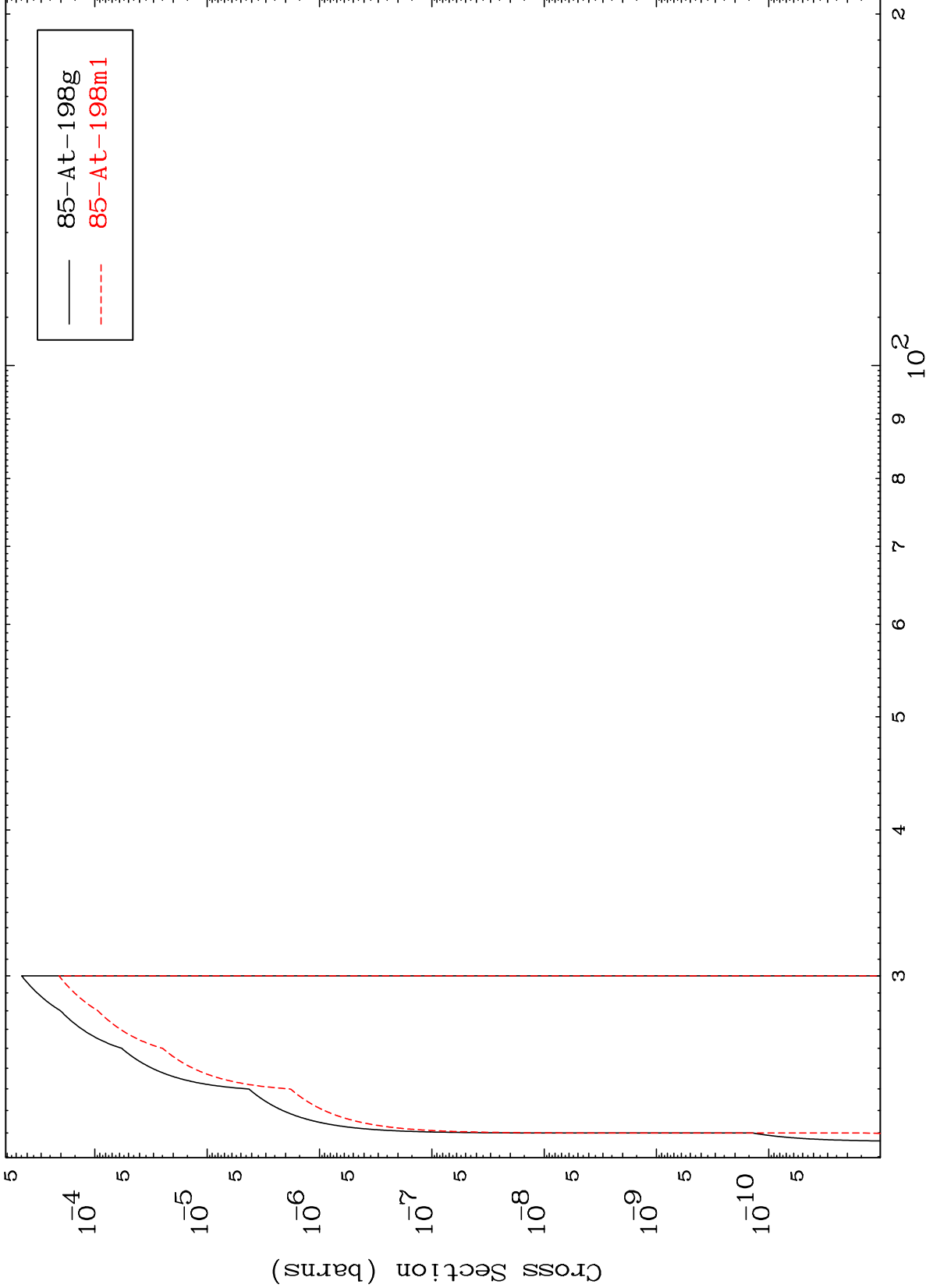
83-Bi-198n

MAT 8294

(n,3n)

83-Bi-198n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

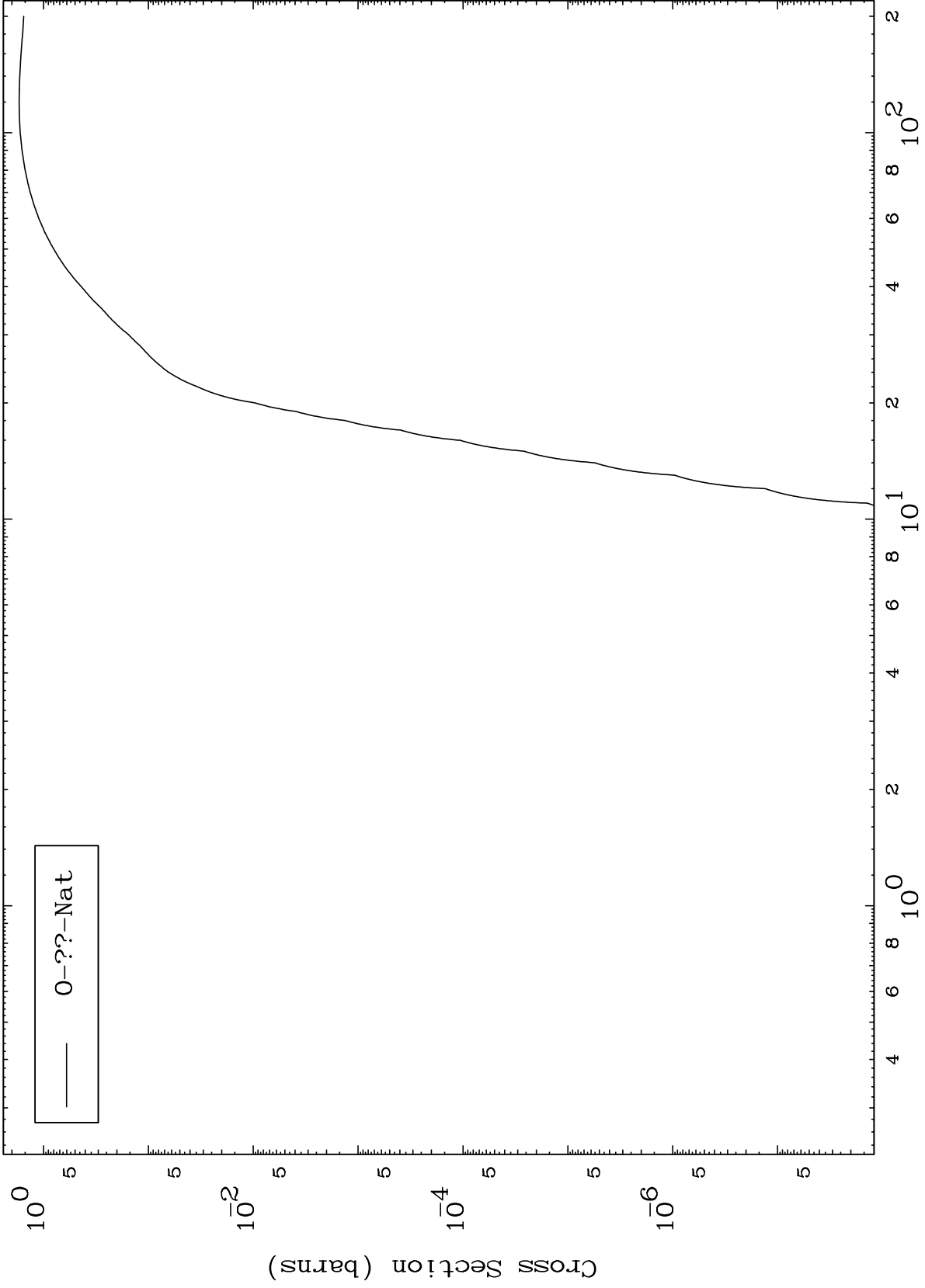
83-Bi-198n

MAT 8294

Fission

⁸³Bi-198n

Radionuclide Production Cross Section

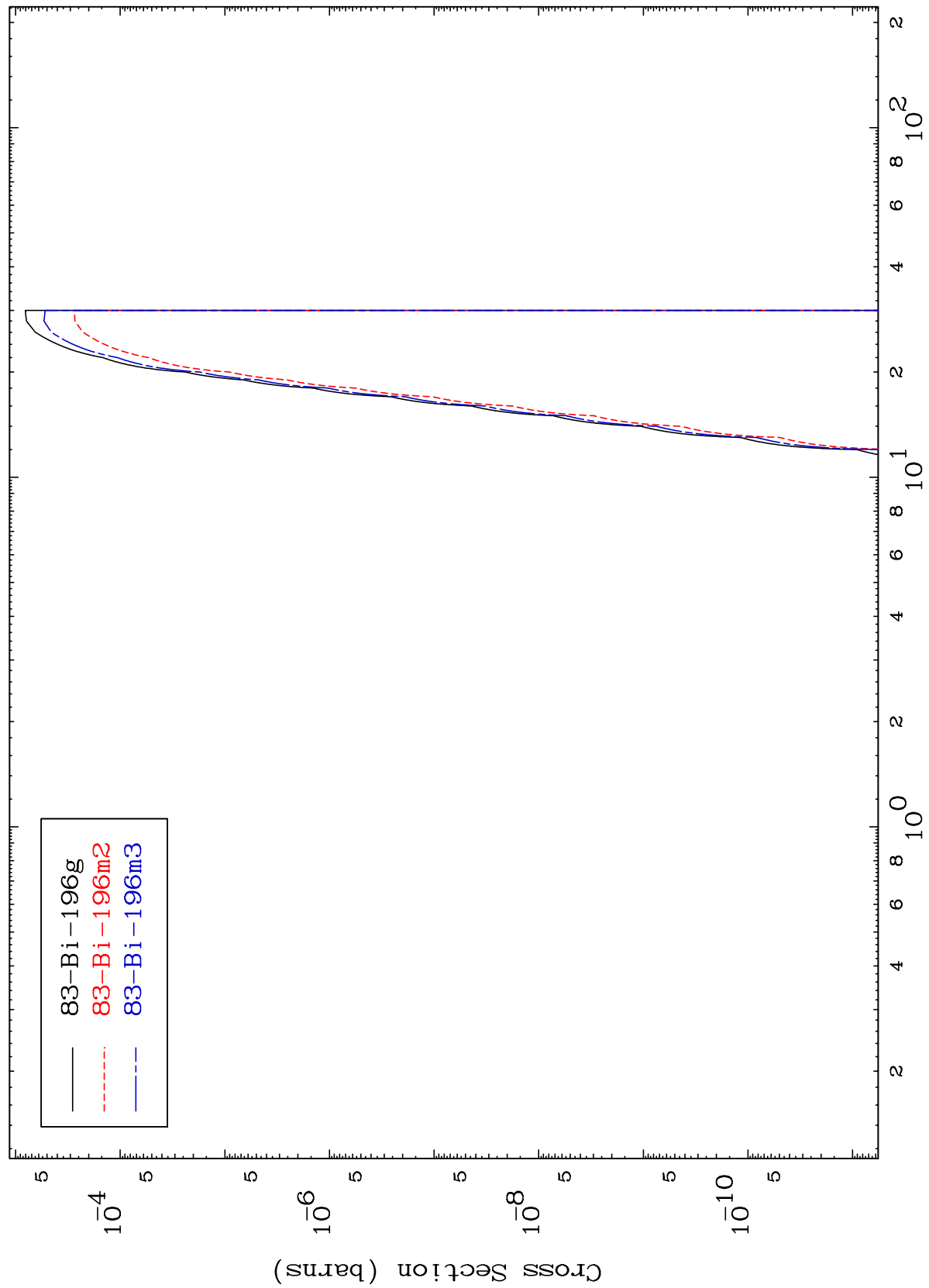


MAT 8294

$(n, n') \alpha$

$^{83}\text{Bi}-198n$

Radionuclide Production Cross Section



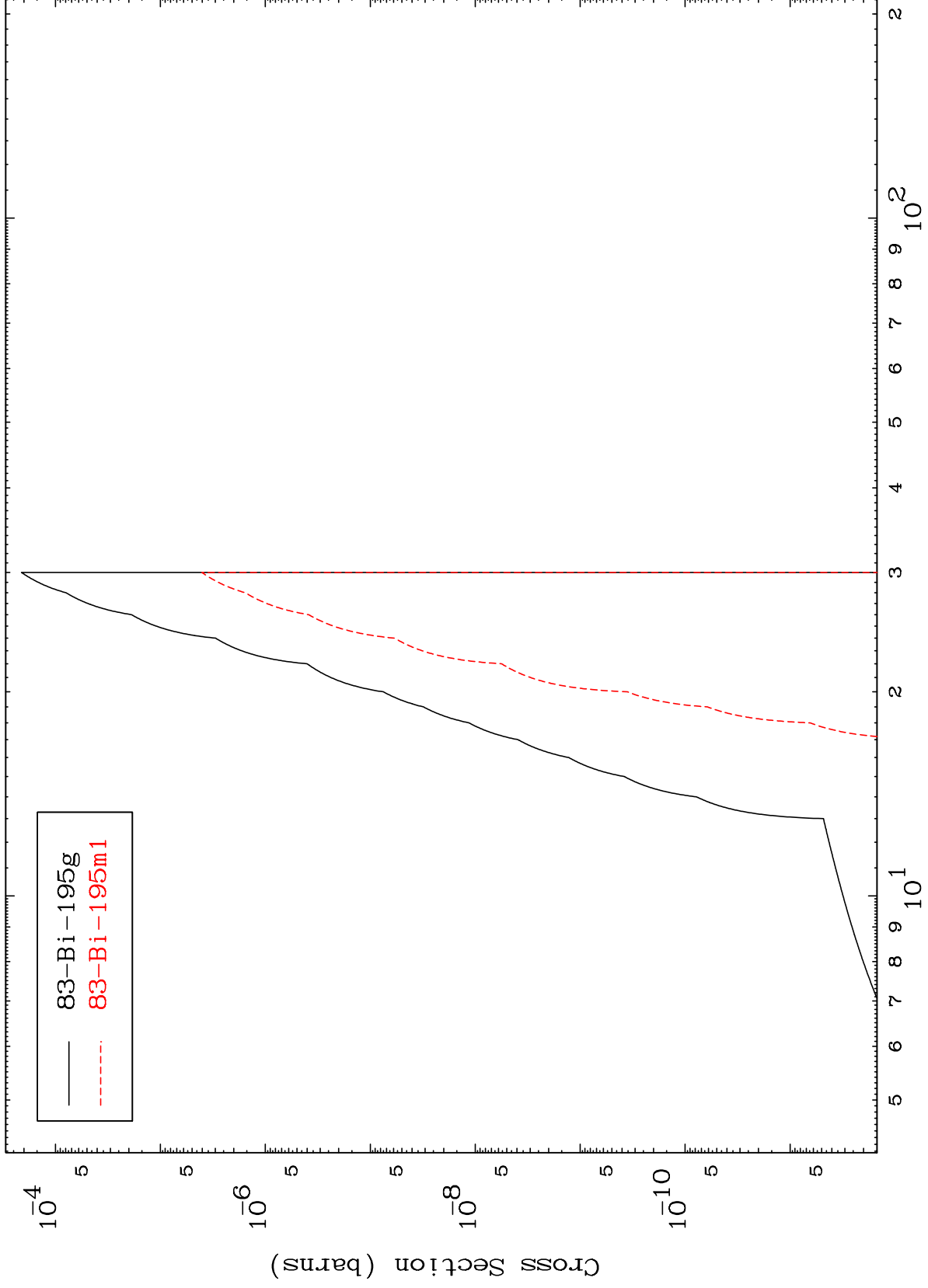
83-Bi-196g
83-Bi-196m2
83-Bi-196m3

MAT 8294

(n,2n) α

83-Bi-198n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

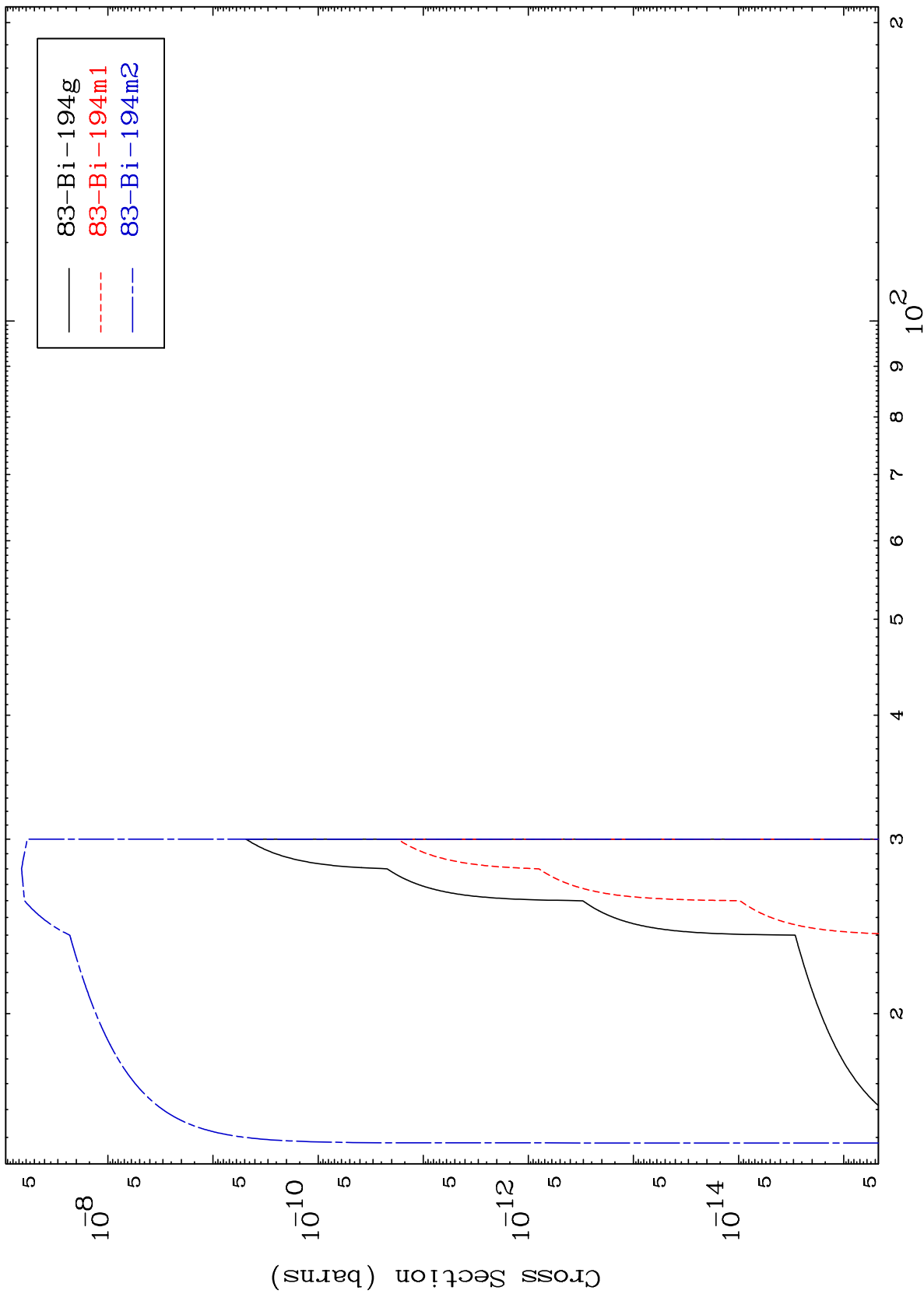
83-Bi-198n

MAT 8294

(n,3n) α

83-Bi-198n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

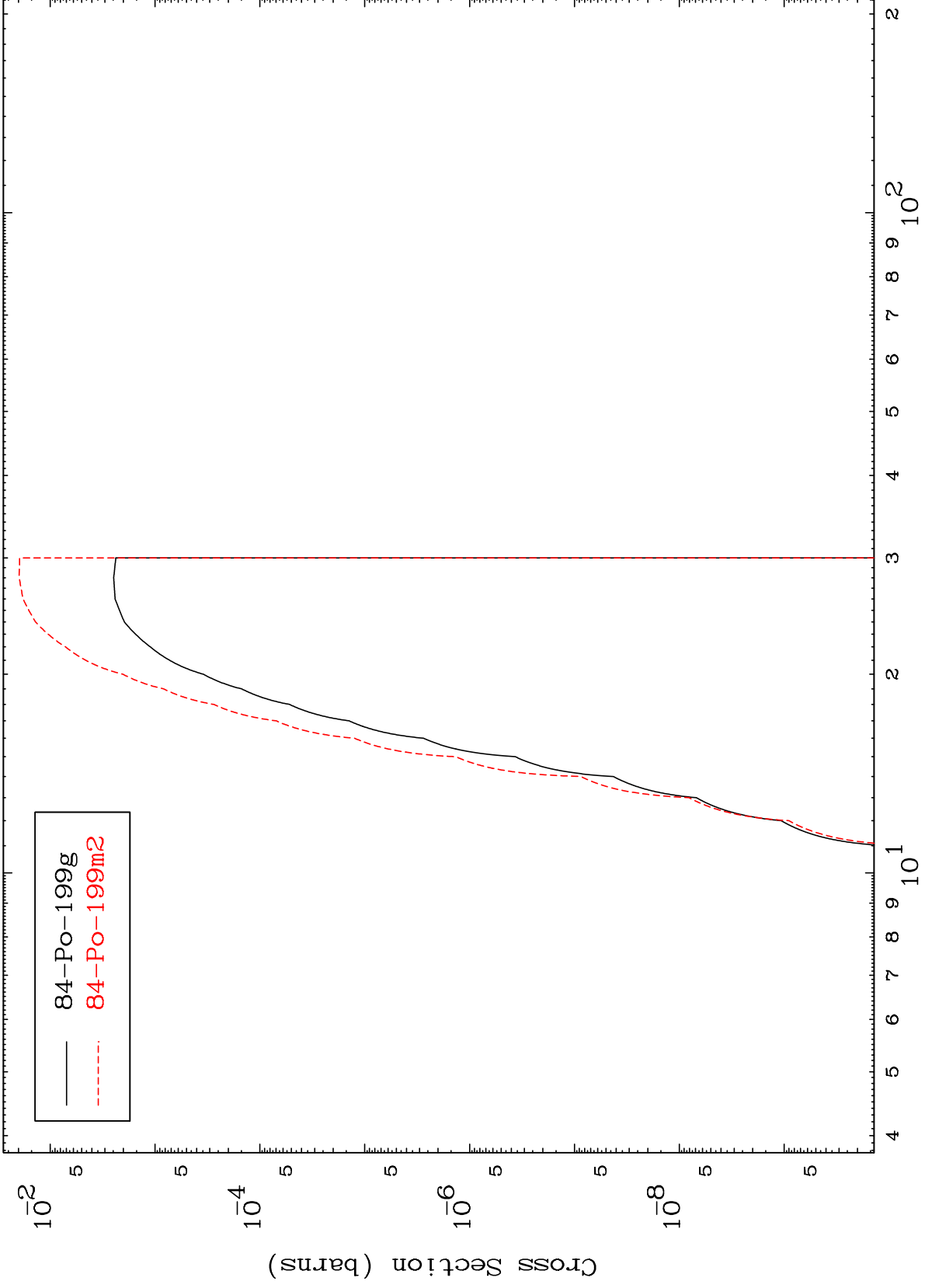
83-Bi-198n

MAT 8294

(n,n') p

83-Bi-198n

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

Incident Energy (MeV)

83-Bi-198n

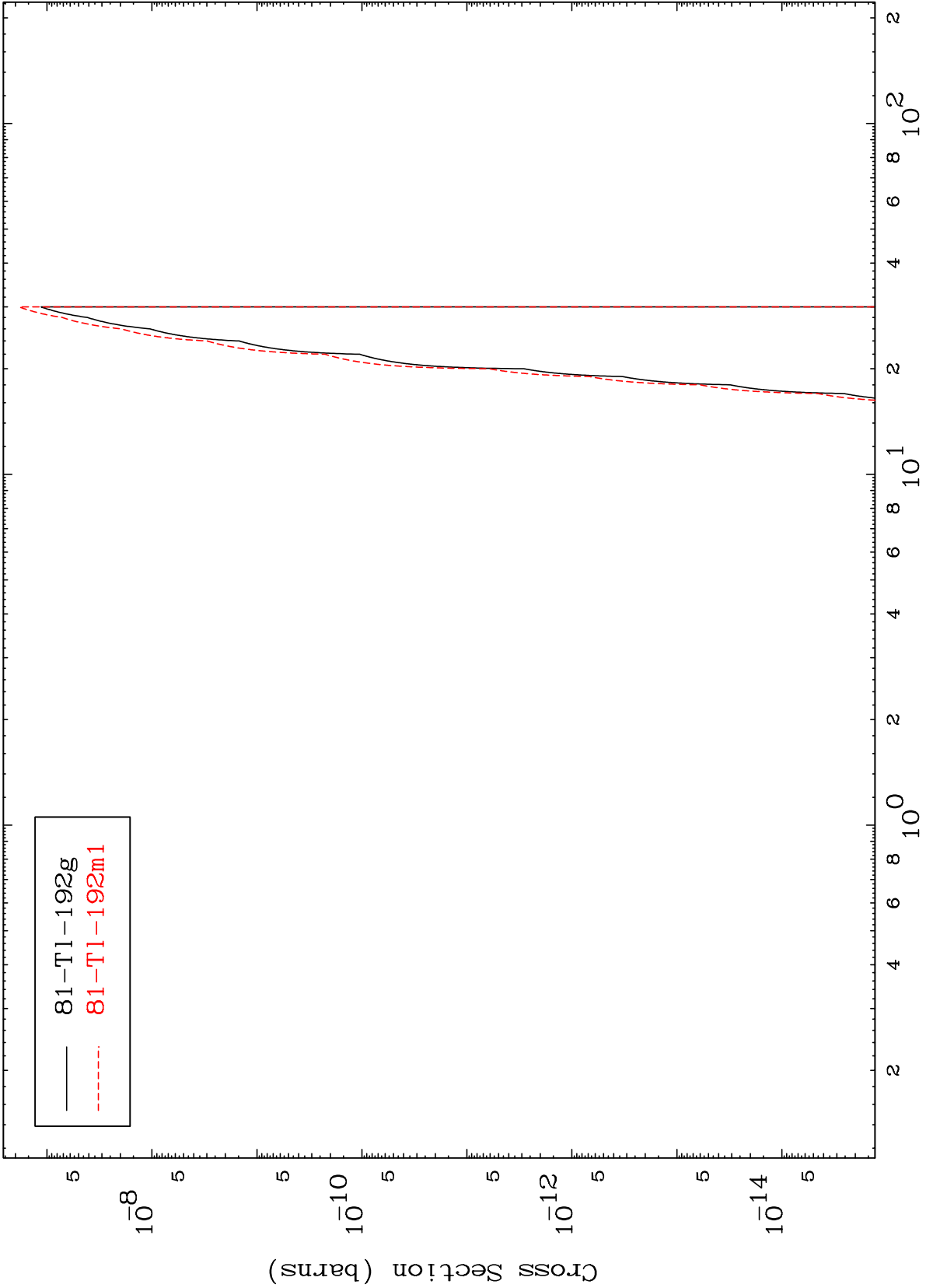
19

MAT 8294

(n,n') 2α

83-Bi-198n

Radionuclide Production Cross Section

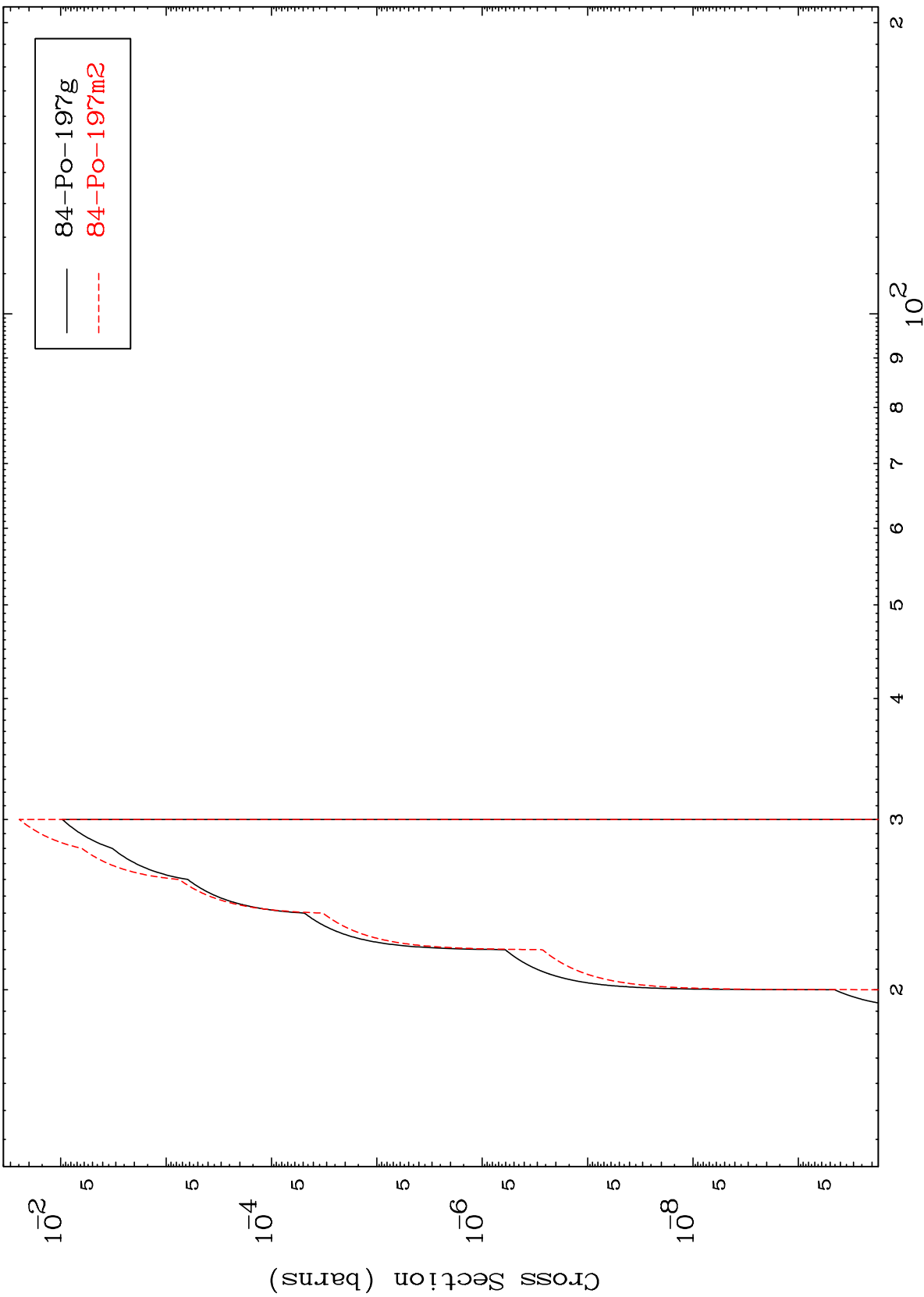


20

Incident Energy (MeV)

83-Bi-198n

Radionuclide Production Cross Section



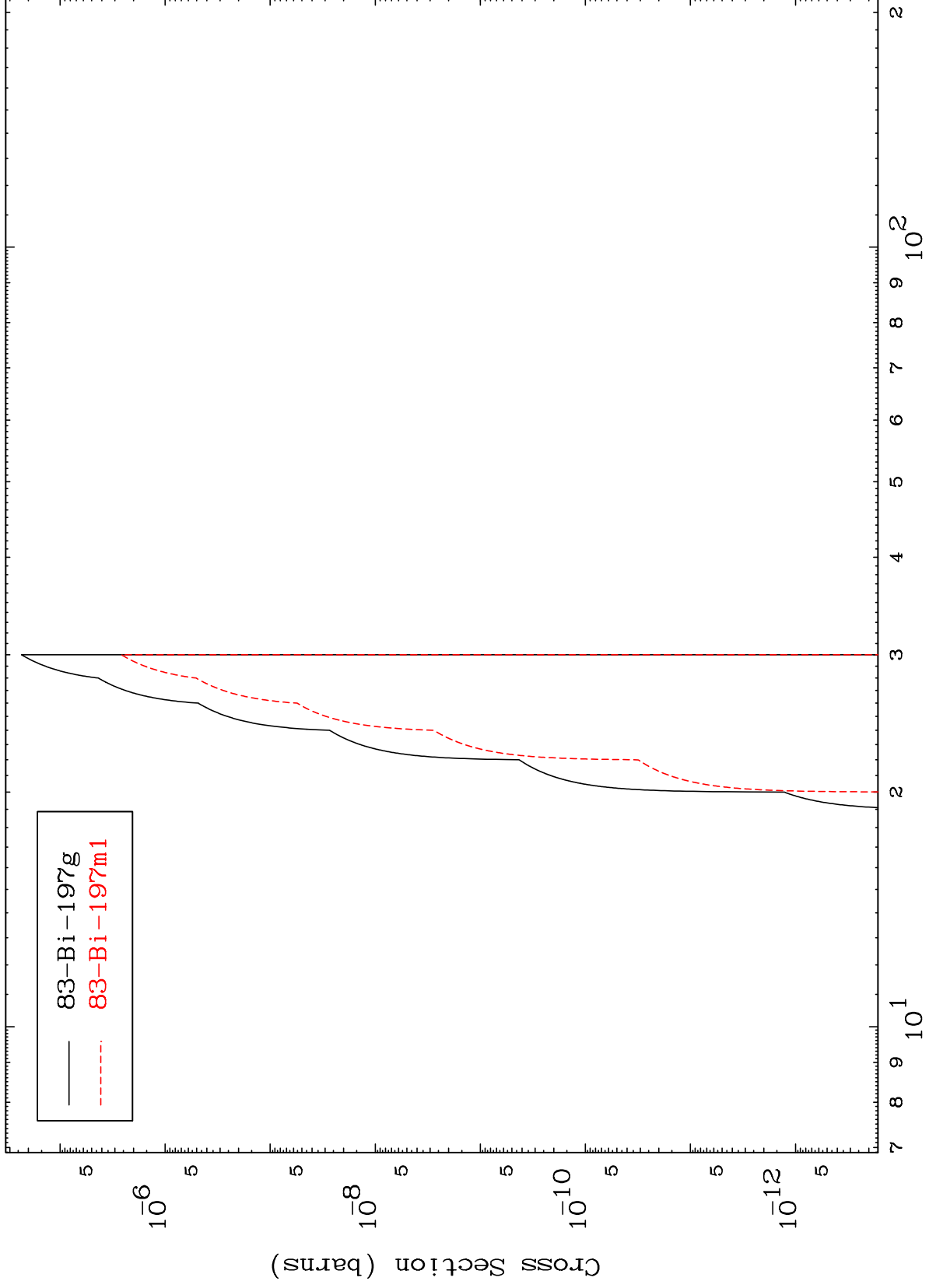
84-Po-197g
84-Po-197m2

MAT 8294

(n,n') He-3

83-Bi-198n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

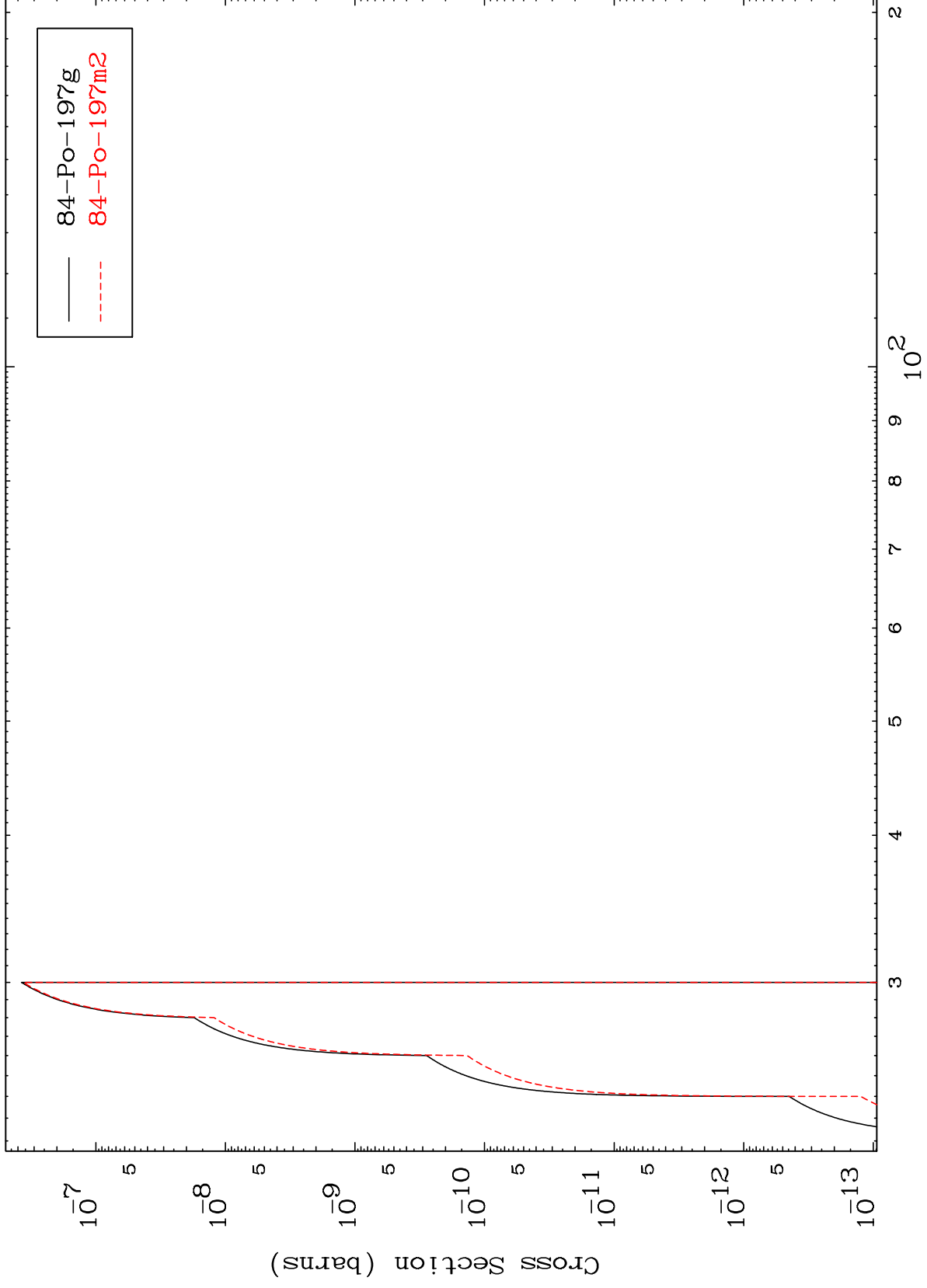
83-Bi-198n

MAT 8294

(n,3n) p

83-Bi-198n

Radionuclide Production Cross Section



23

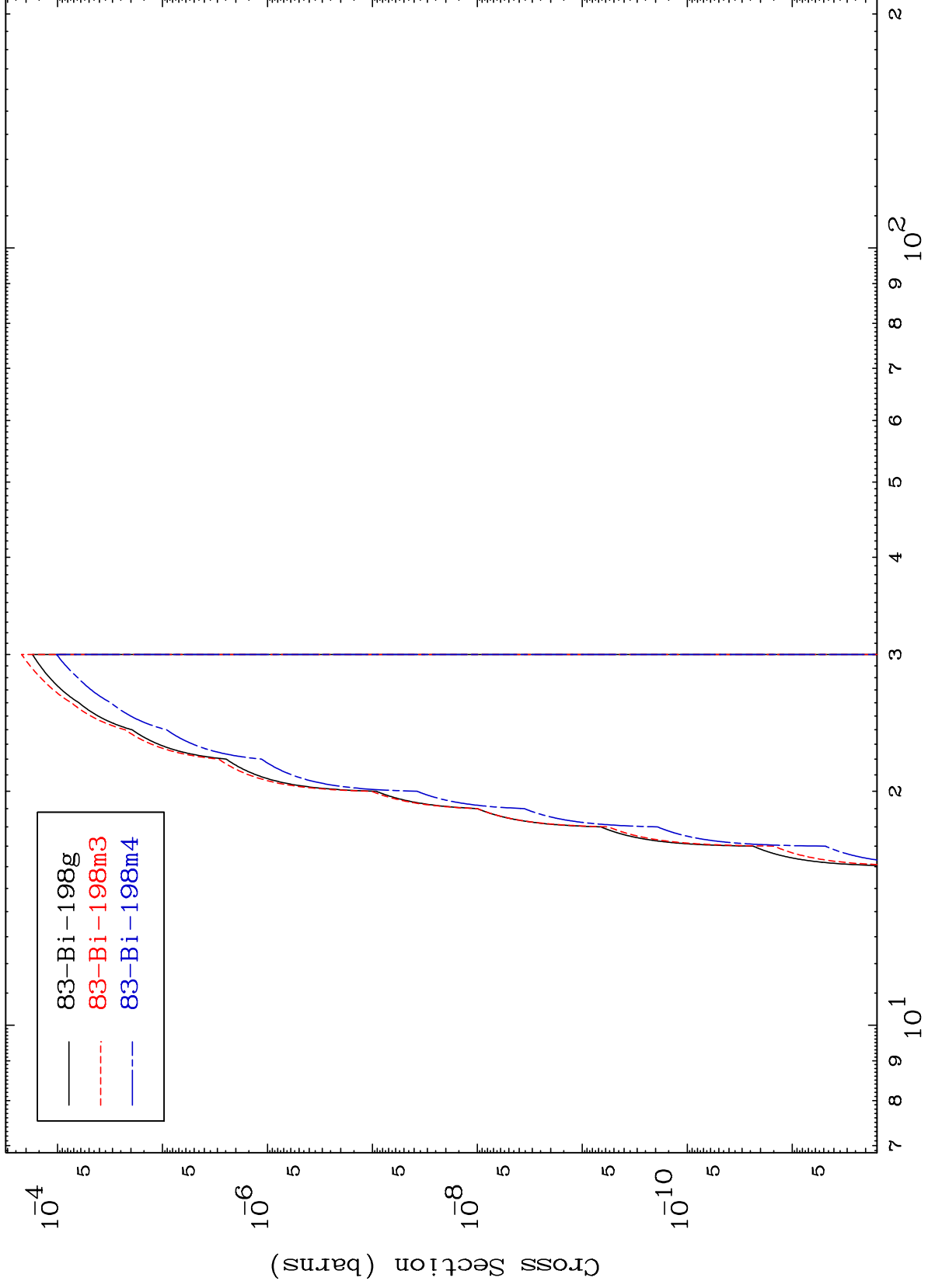
Incident Energy (MeV)

83-Bi-198n

MAT 8294

83-Bi-198n

(n,2n) p
Radionuclide Production Cross Section



24

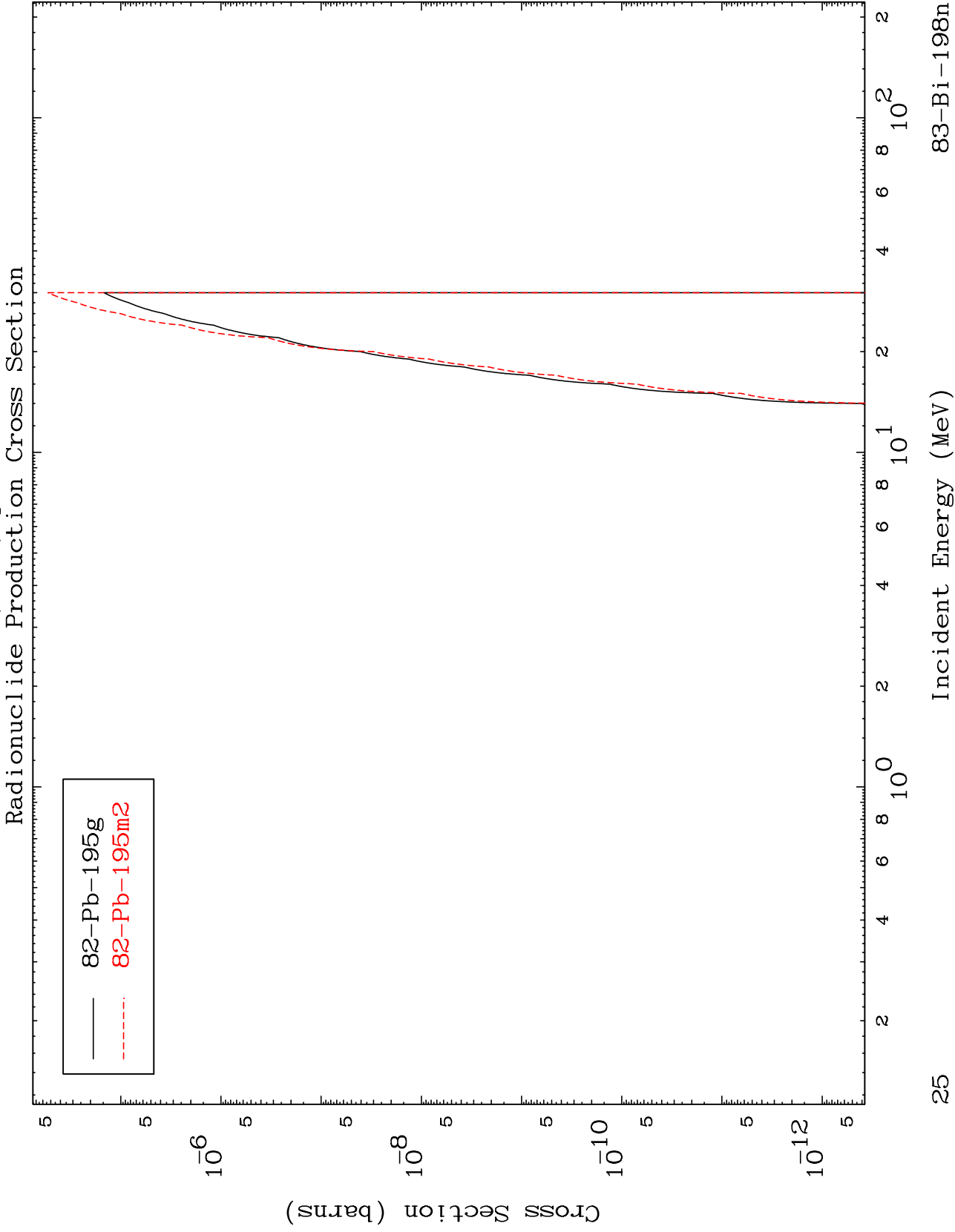
Incident Energy (MeV)

83-Bi-198n

MAT 8294

(n,n') p α

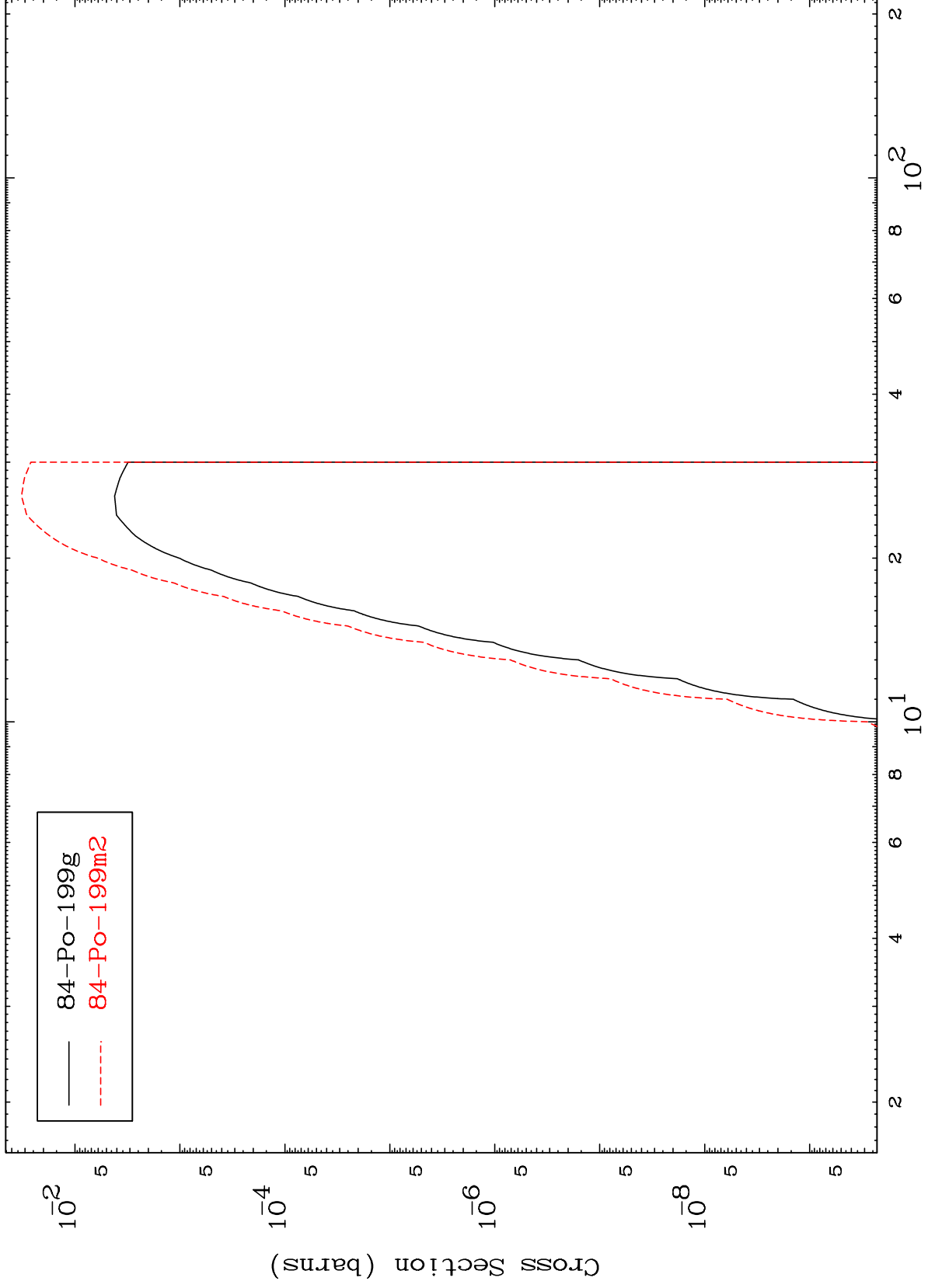
83-Bi-198n



MAT 8294

$^{83}\text{Bi}-198\text{n}$

(n,d)
Radionuclide Production Cross Section



26

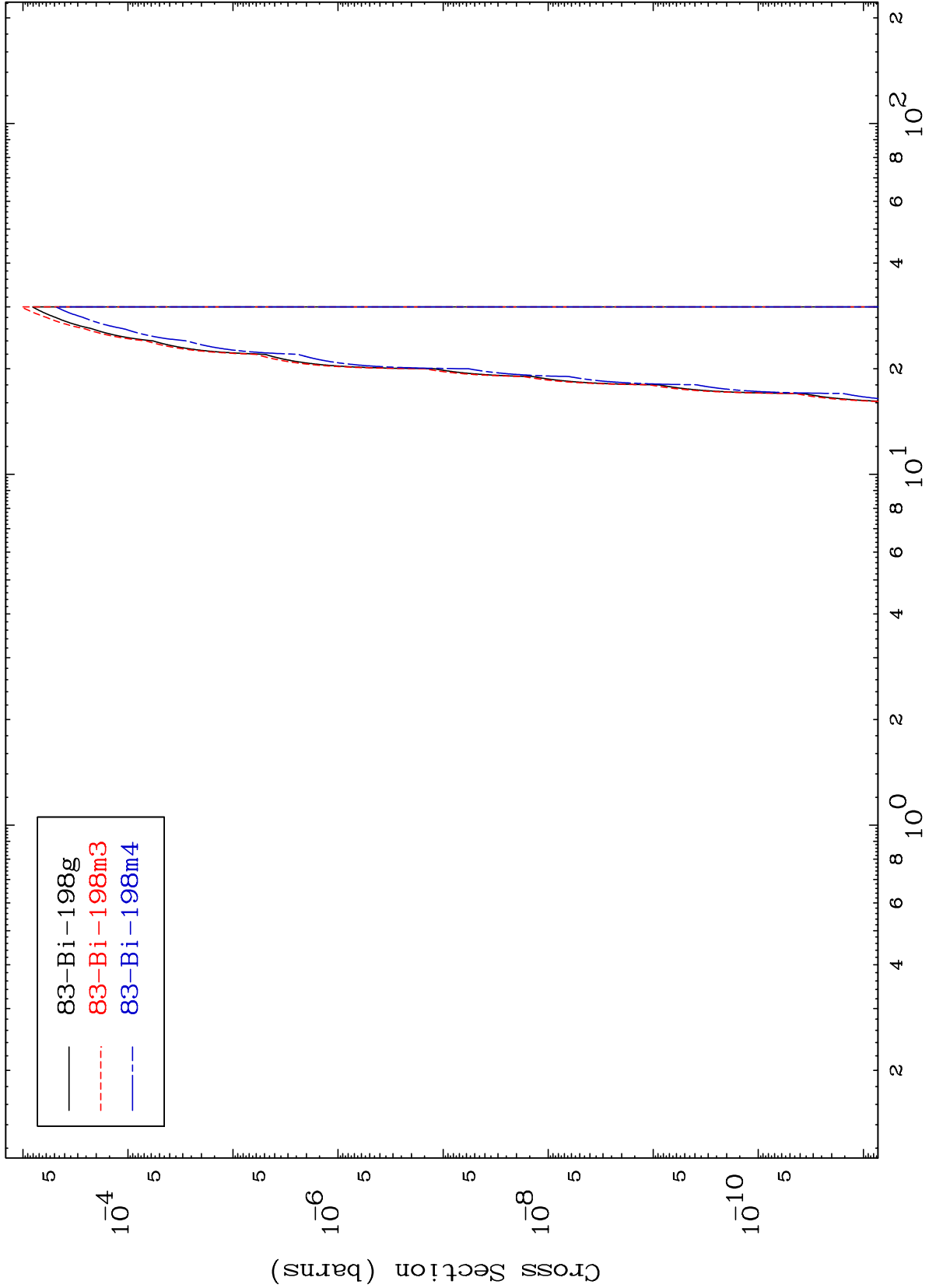
$^{83}\text{Bi}-198\text{n}$

MAT 8294

(n,He-3)

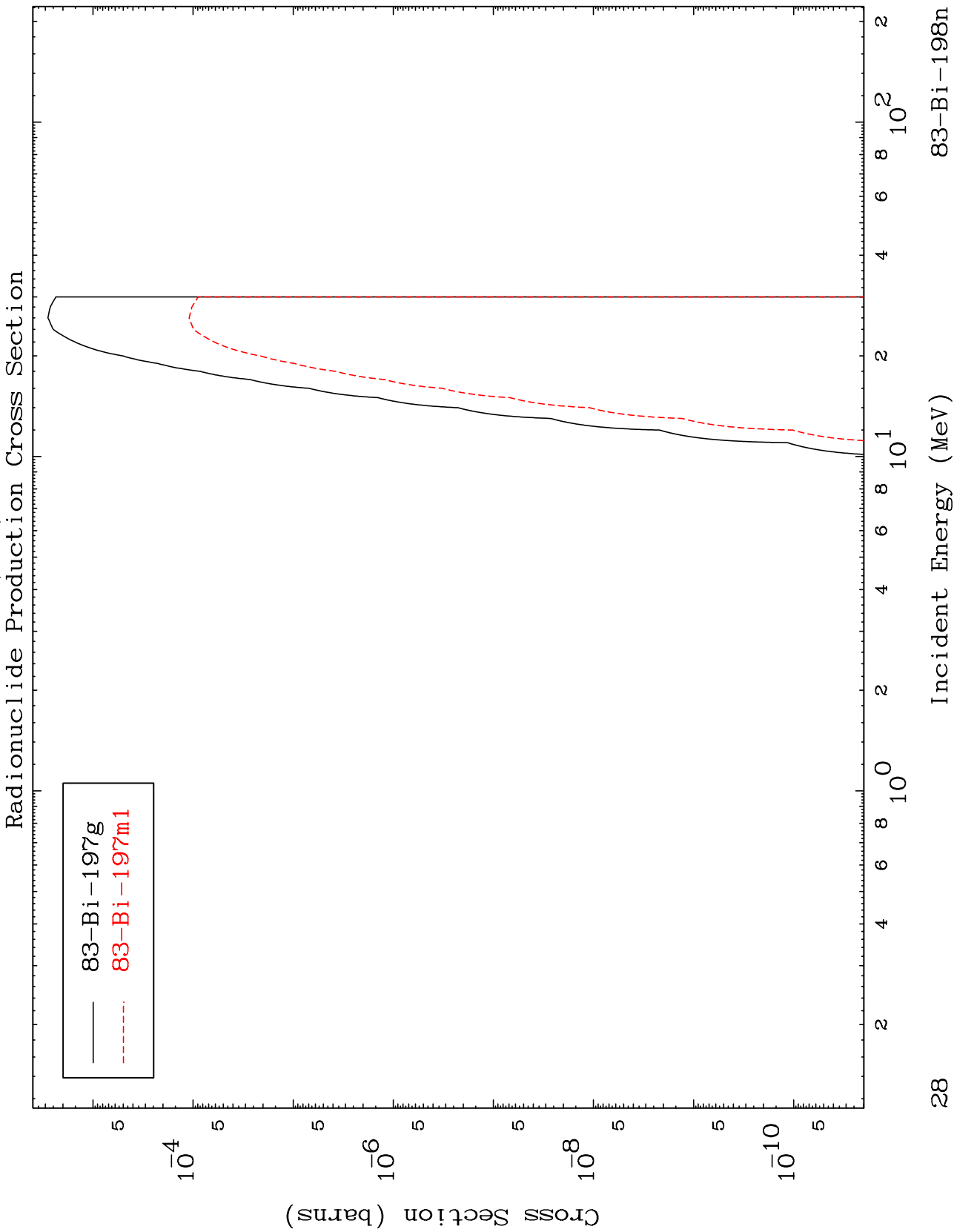
83-Bi-198n

Radionuclide Production Cross Section



MAT 8294

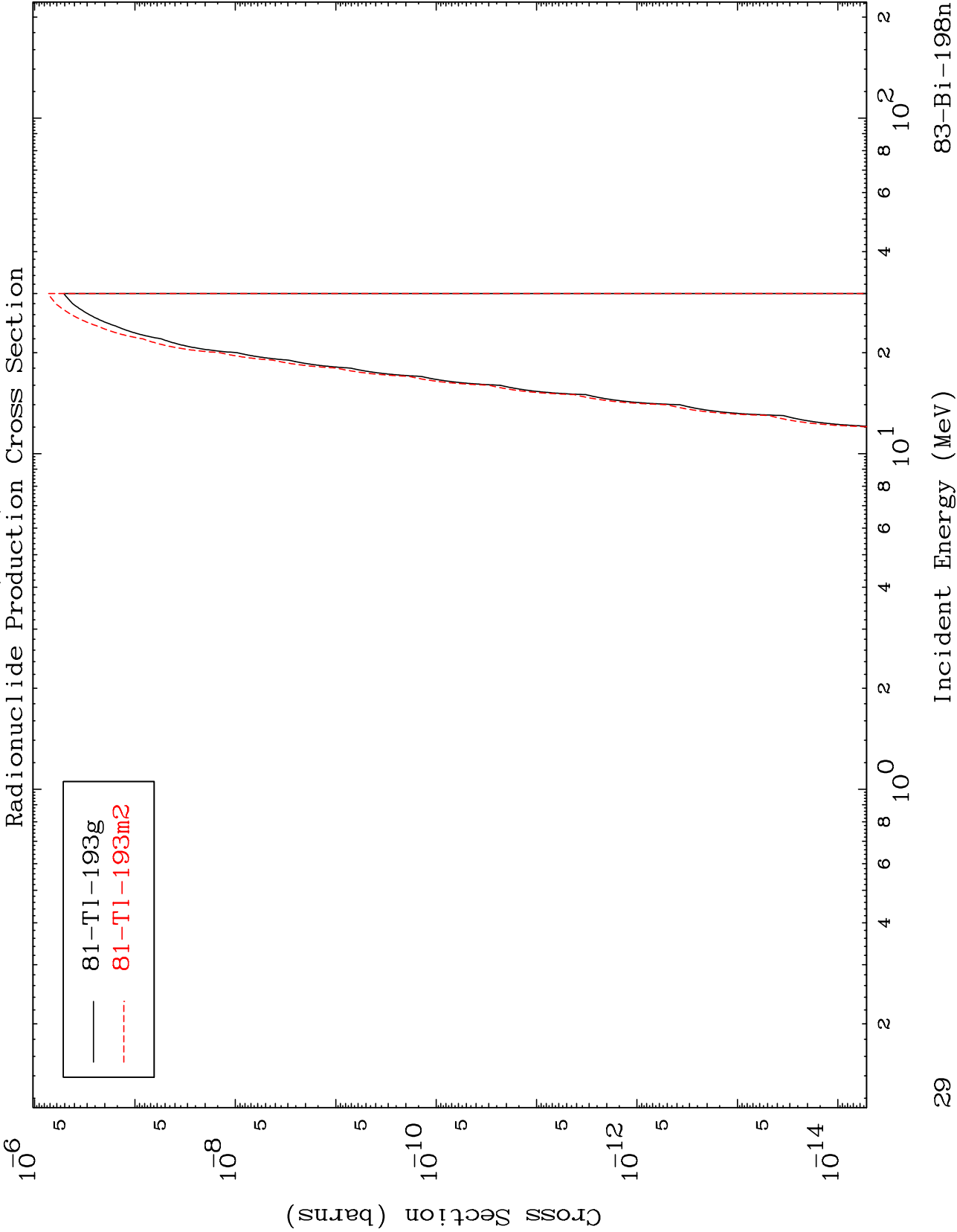
$^{83}\text{Bi}-198\text{n}$



MAT 8294

(n,2α)

83-Bi-198n

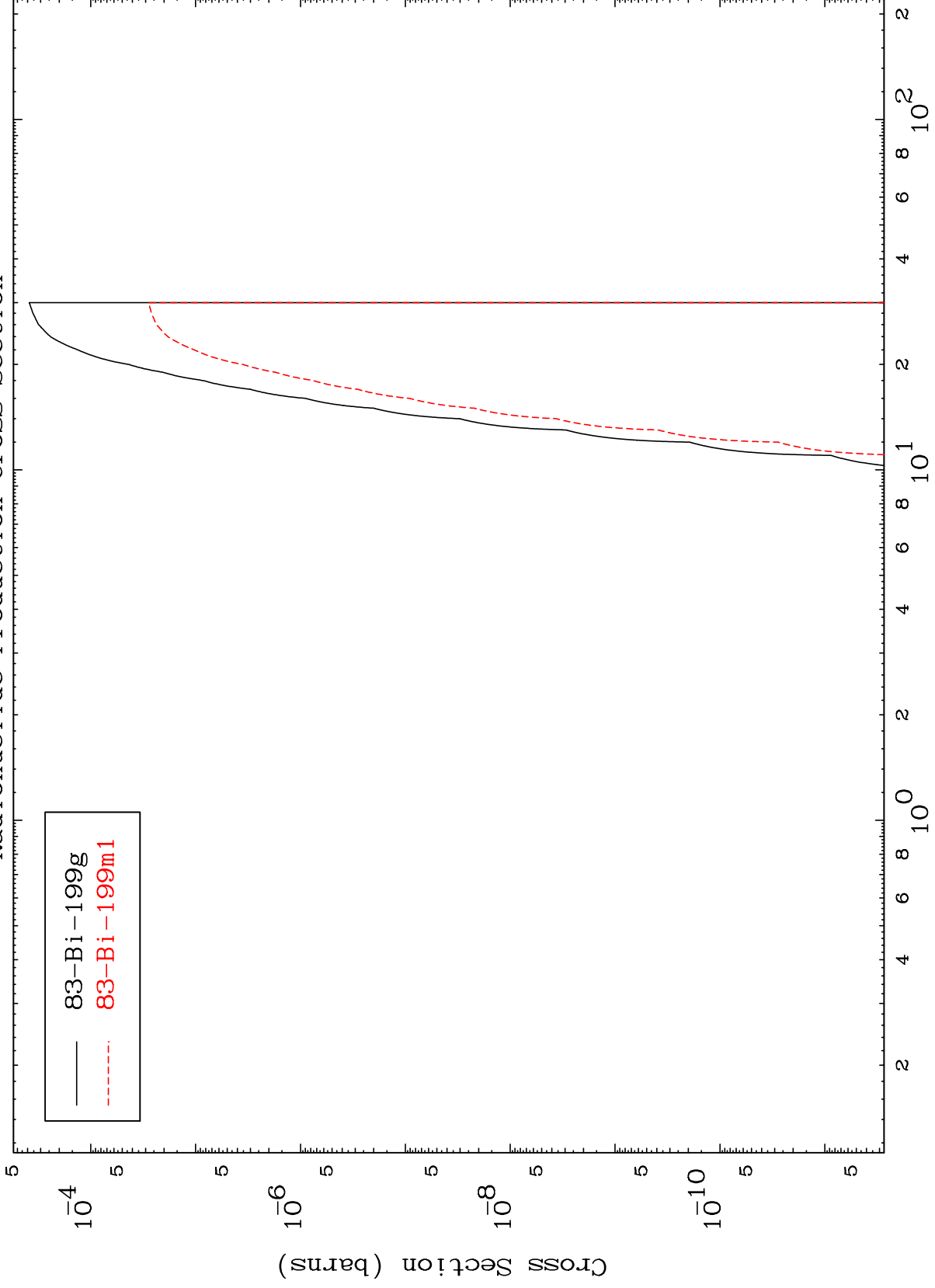


MAT 8294

(n,2p)

⁸³Bi-198n

Radionuclide Production Cross Section



— 83-Bi-199g
- - - 83-Bi-199m1

30

Incident Energy (MeV)

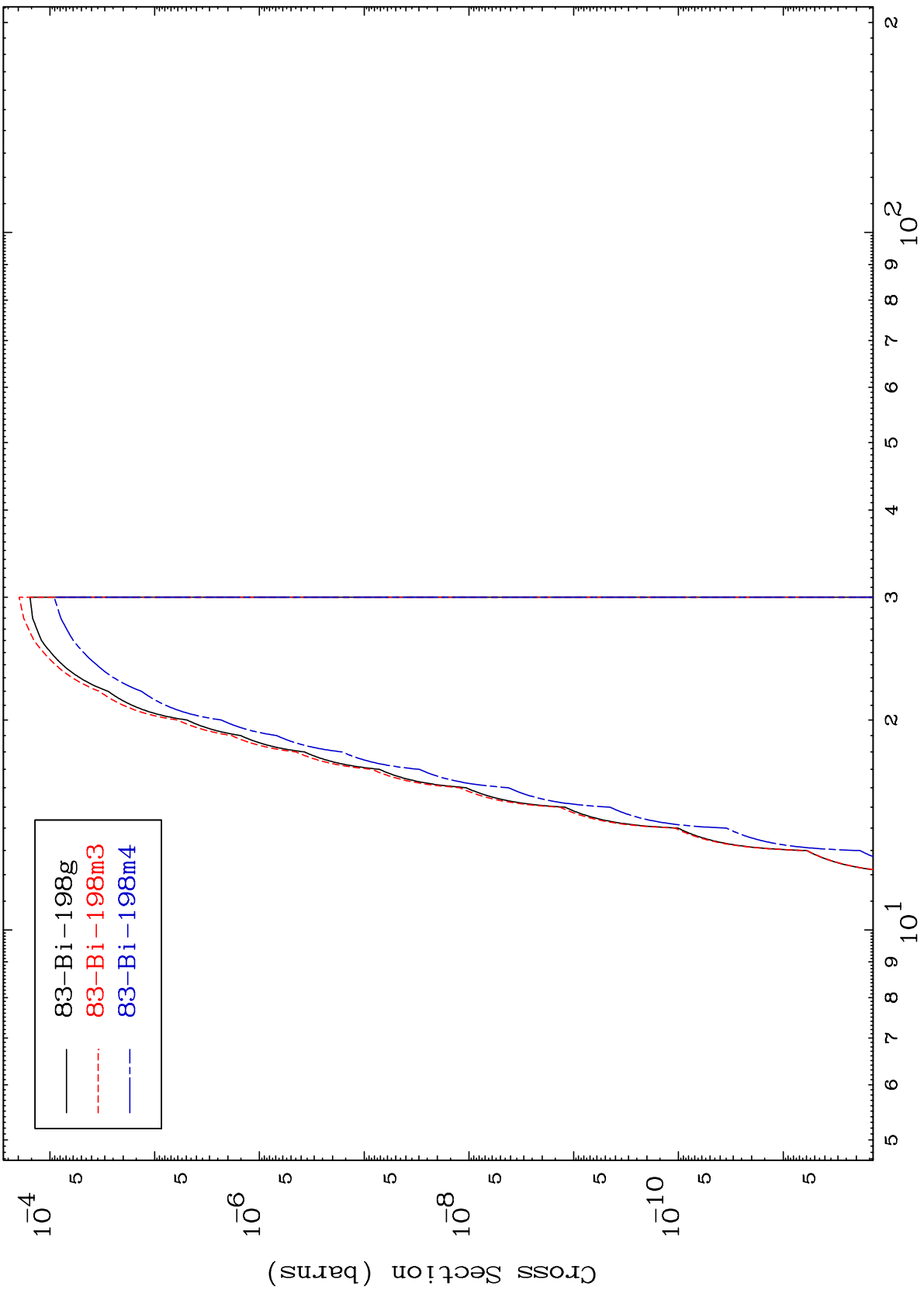
⁸³Bi-198n

MAT 8294

(n,p) d

83-Bi-198n

Radionuclide Production Cross Section



MAT 8294

(n,d) α

83-Bi-198n

Radionuclide Production Cross Section

