

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

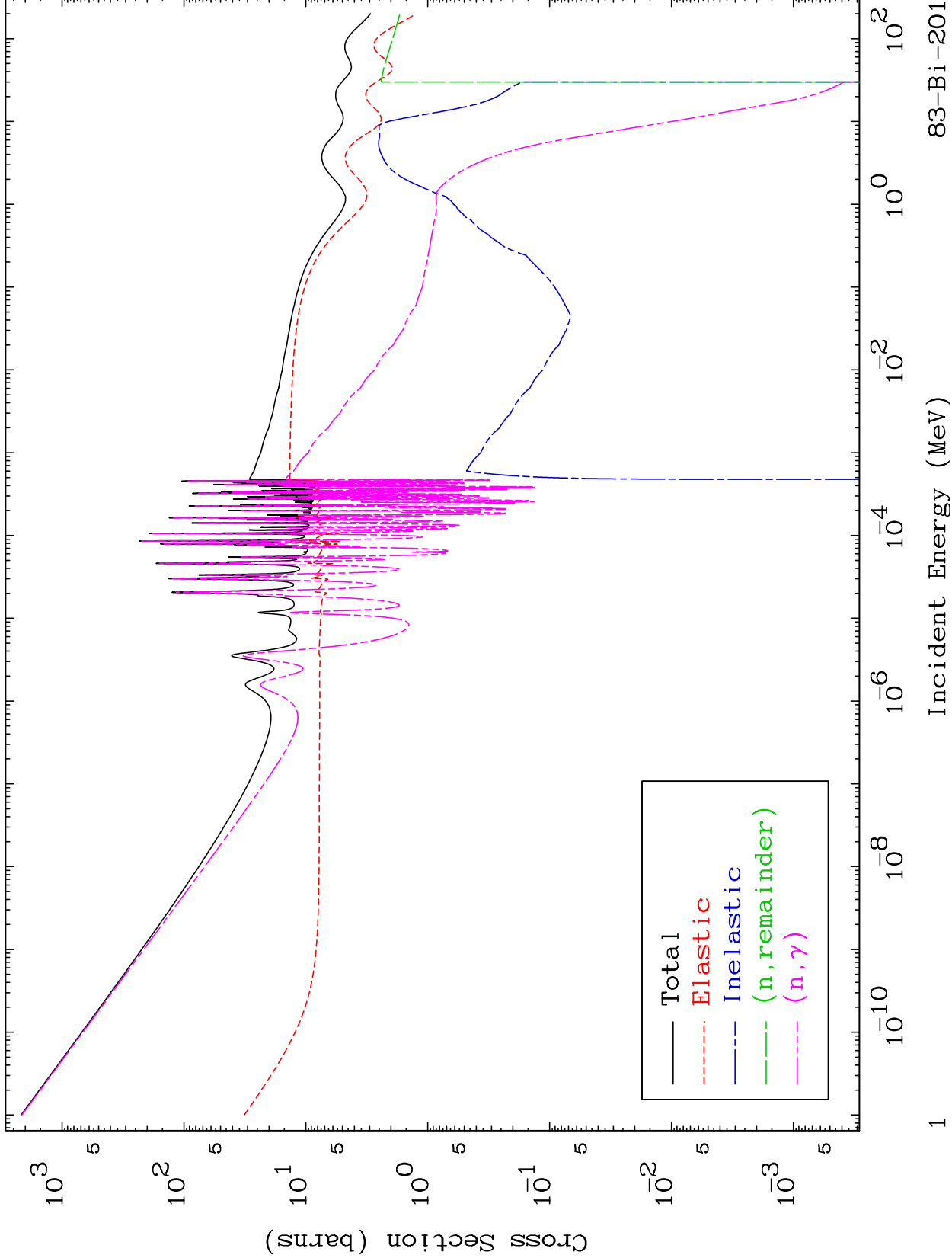
Press Mouse Button to Start

MAT 8302

Major

293 Kelvin Cross Sections

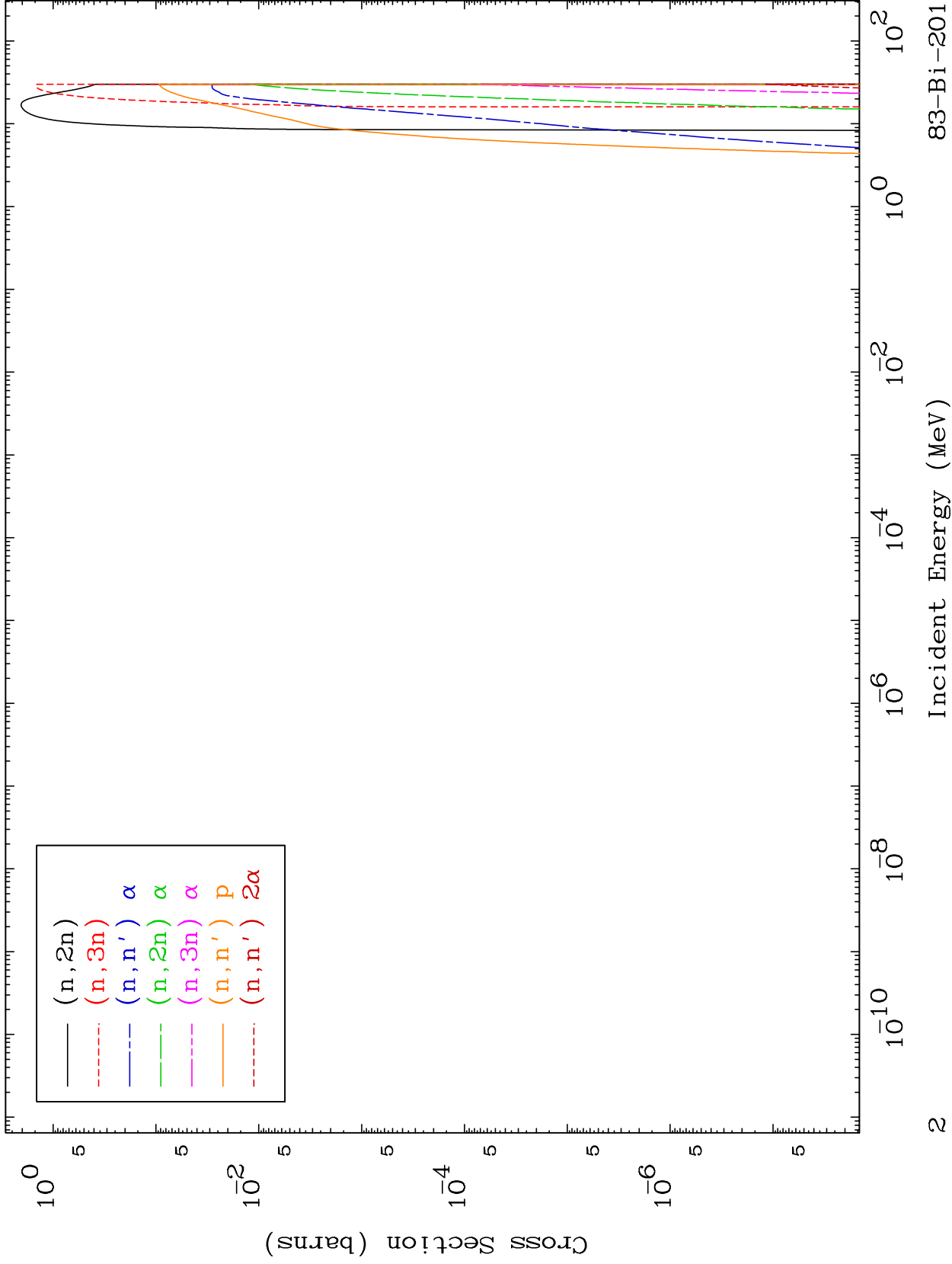
83-Bi-201

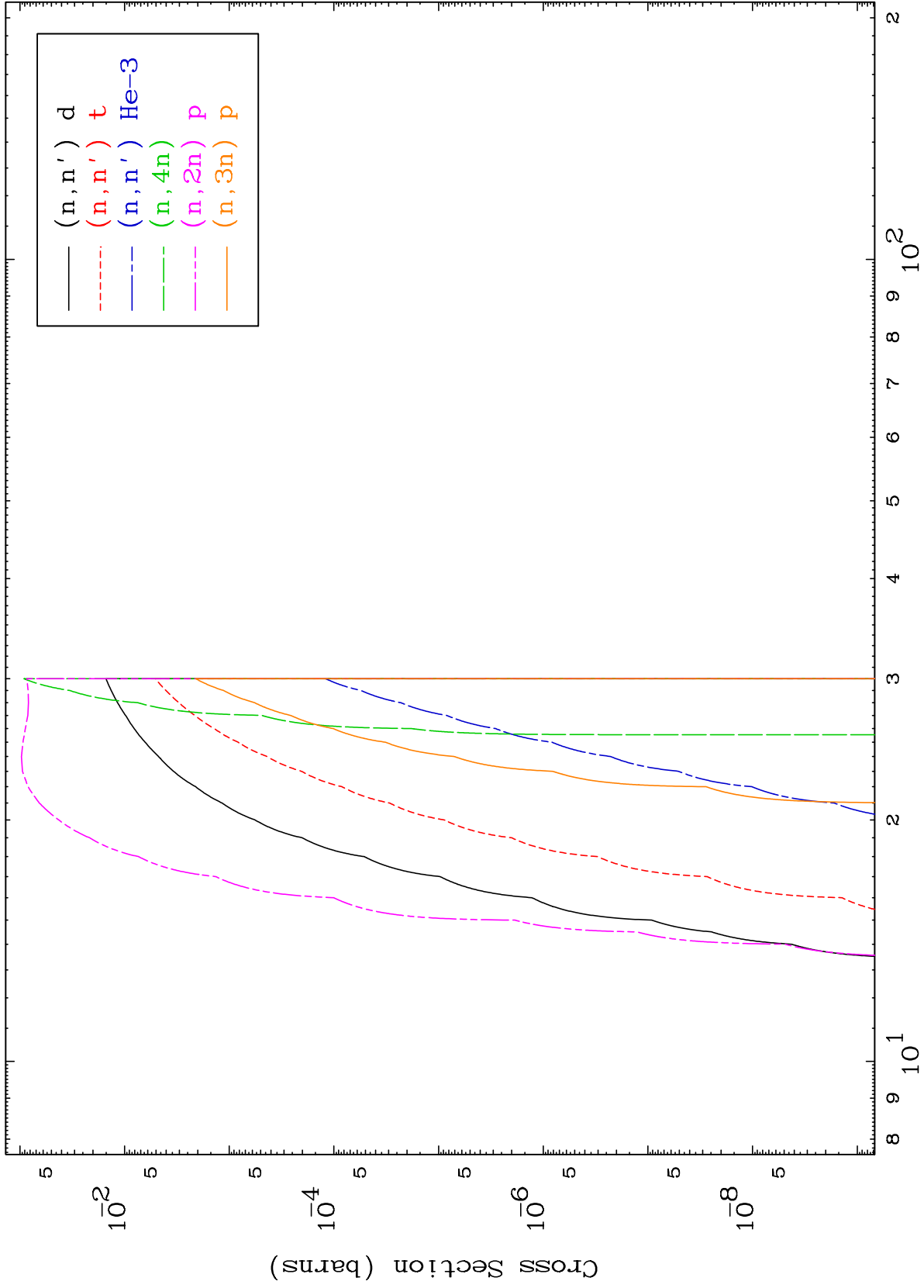


MAT 8302

Neutron Production
293 Kelvin Cross Sections

83-Bi-201

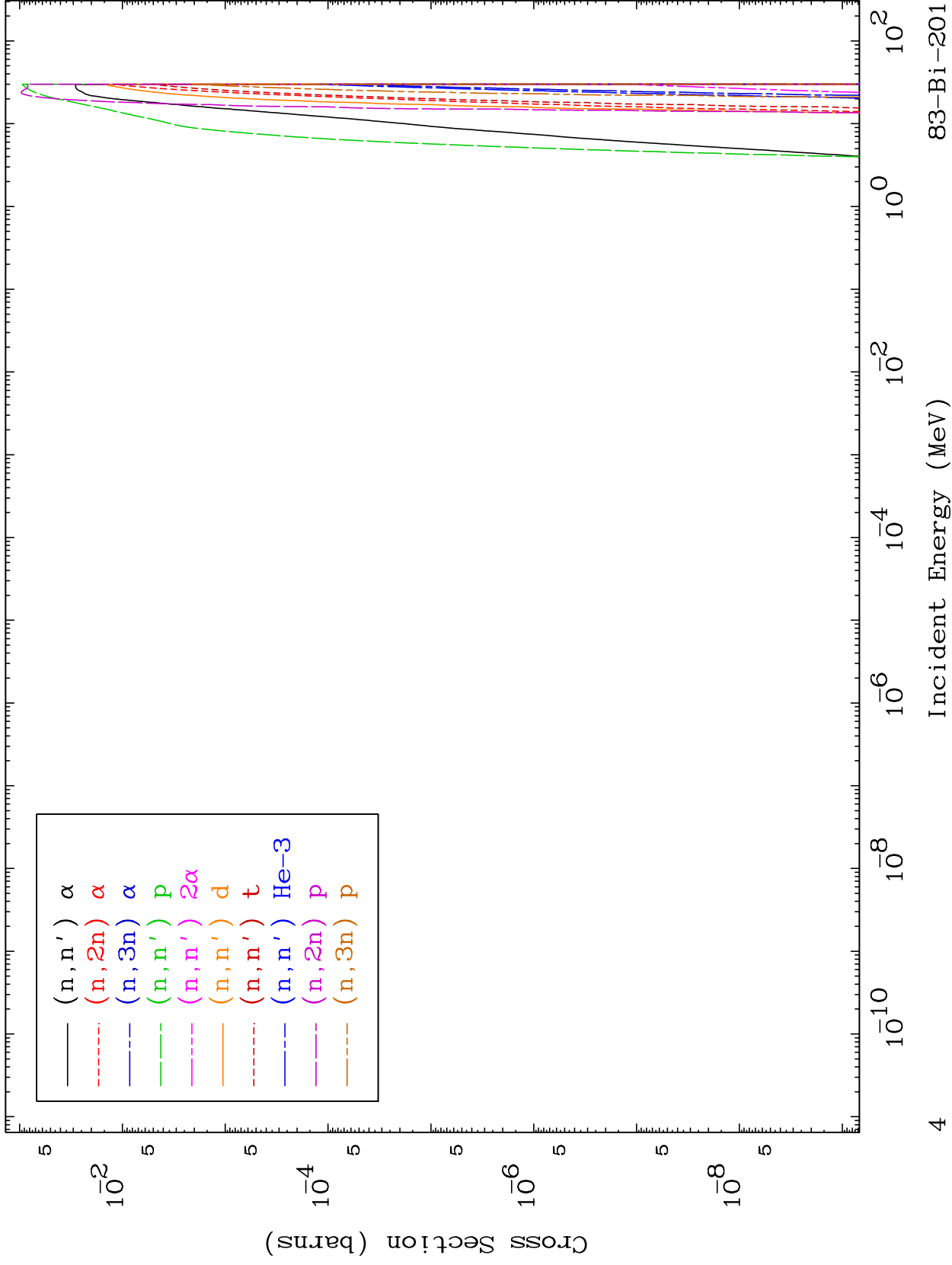




MAT 8302

Charged Particle
293 Kelvin Cross Sections

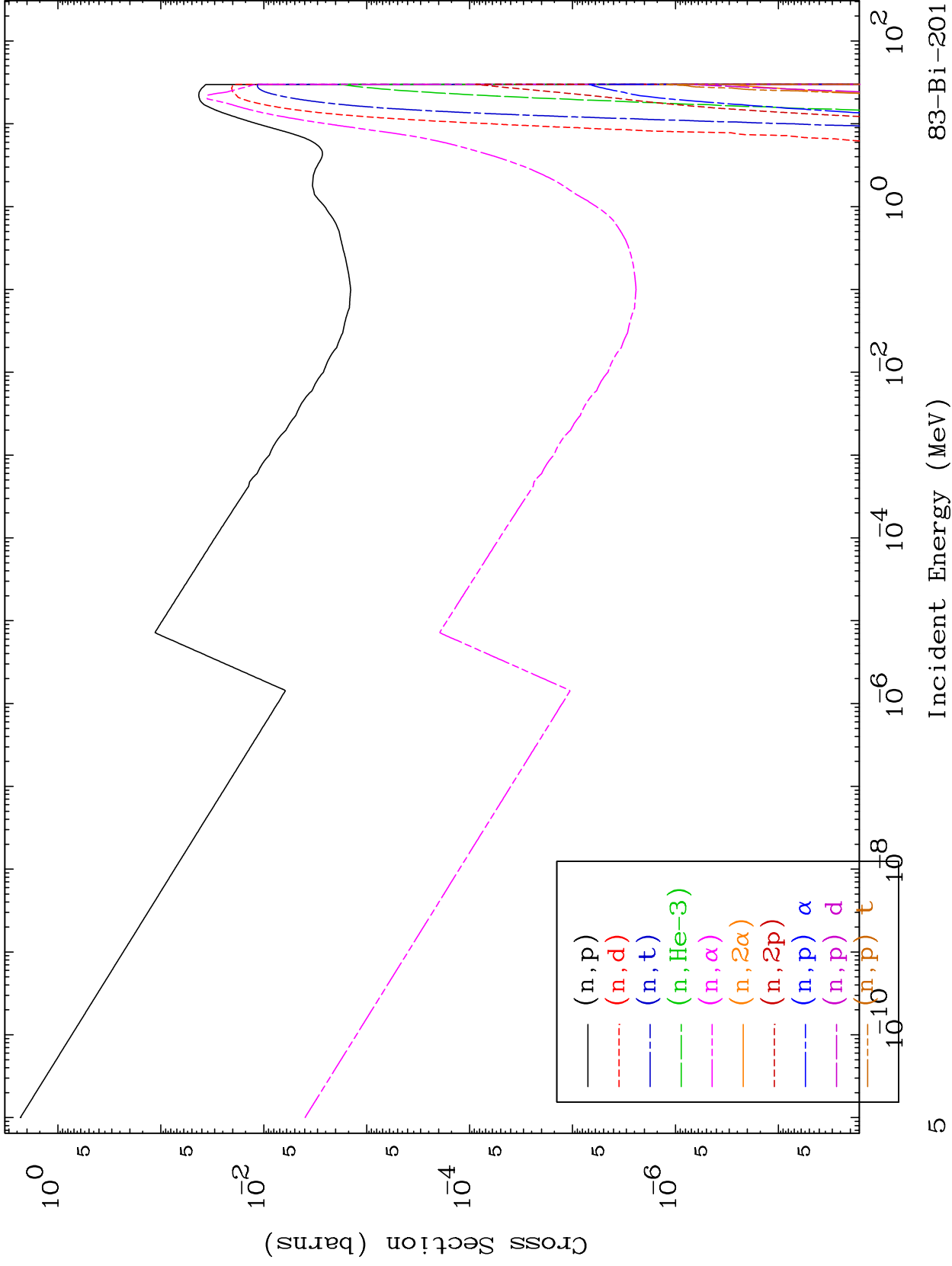
83-Bi-201

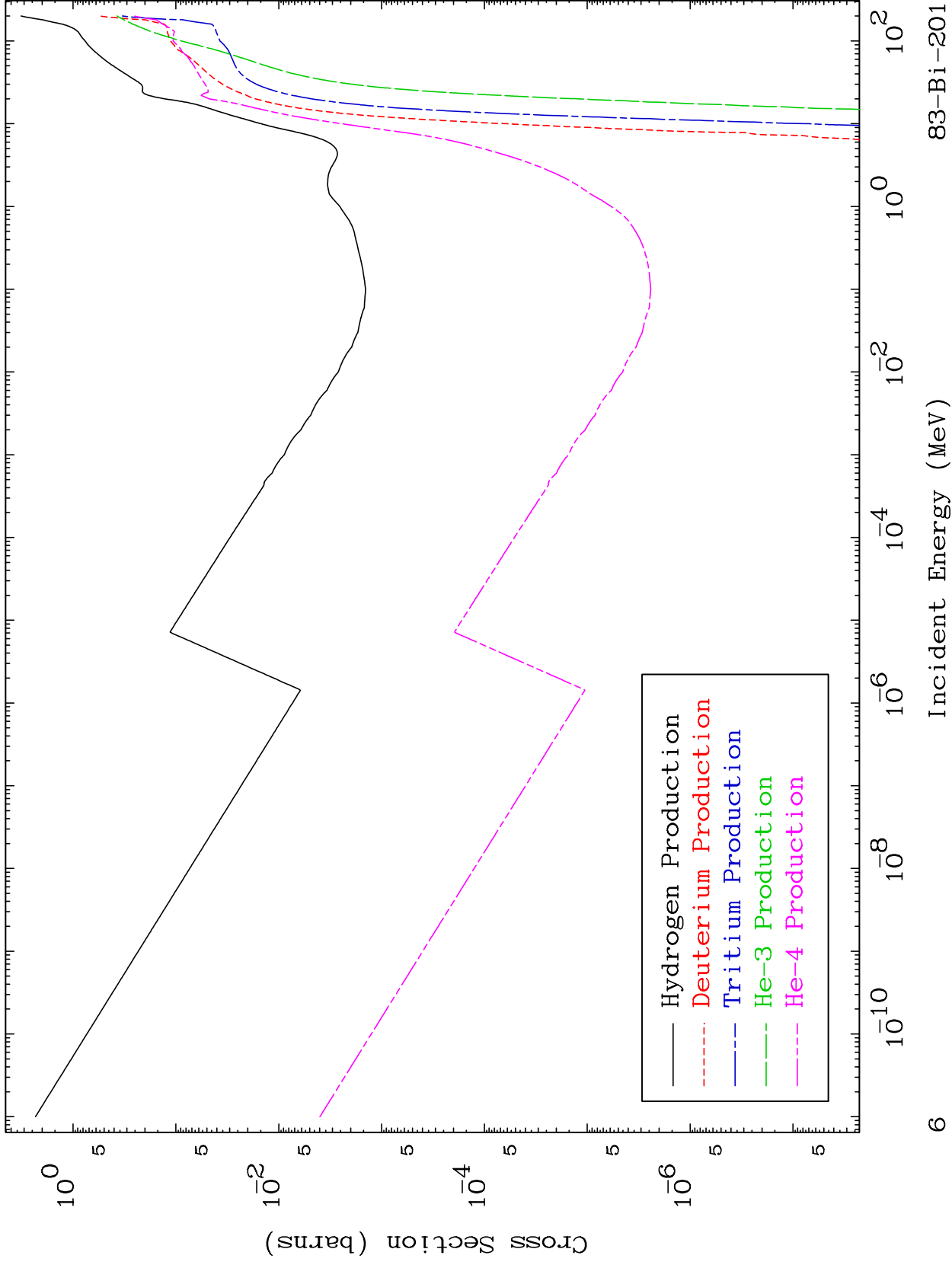


MAT 8302

Charged Particle
293 Kelvin Cross Sections

83-Bi-201

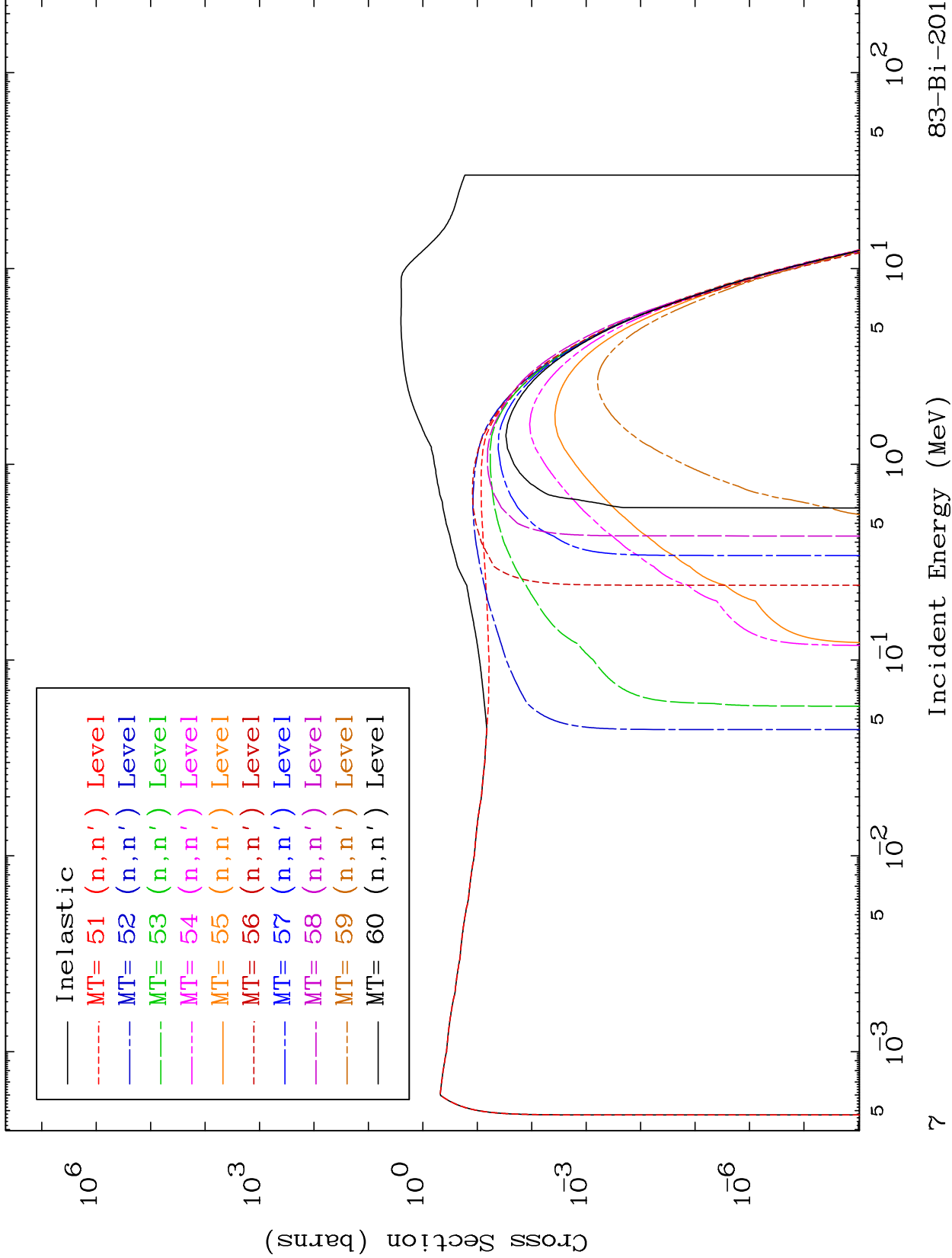




MAT 8302

(n,n') Level
293 Kelvin Cross Sections

83-Bi-201

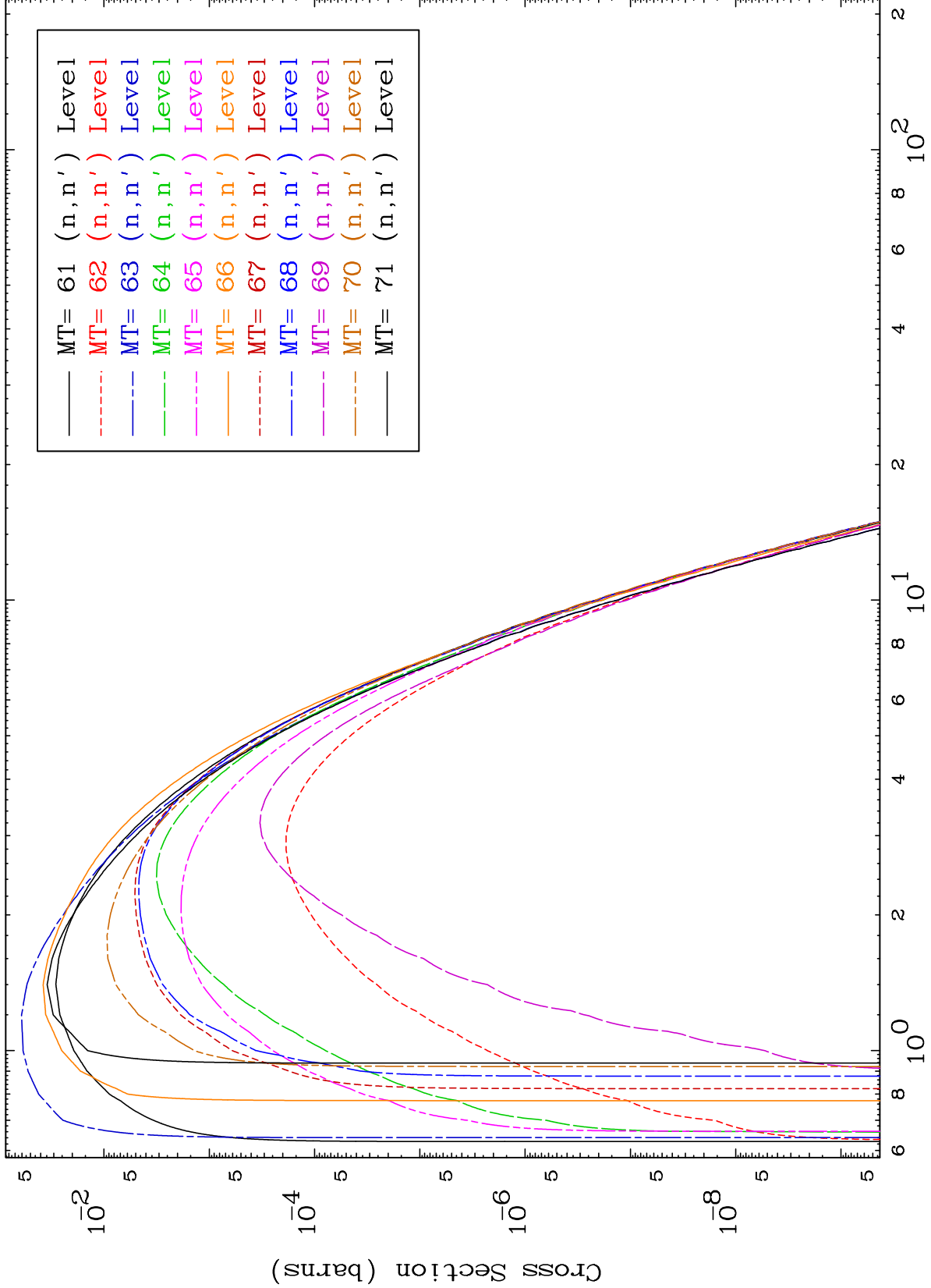


MAT 8302

(n,n') Level

83-Bi-201

293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-201

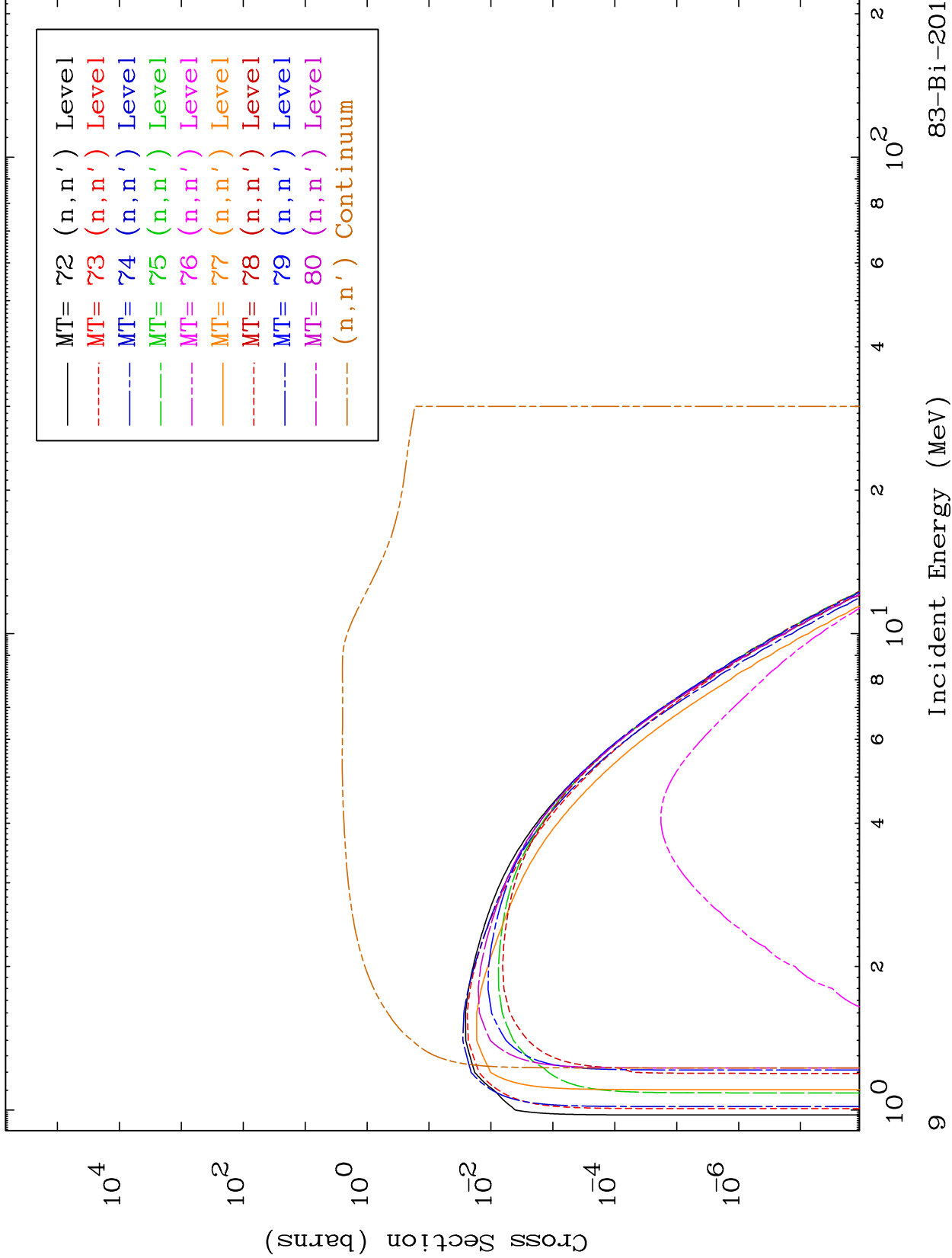
8

MAT 8302

(n,n') Level

83-Bi-201

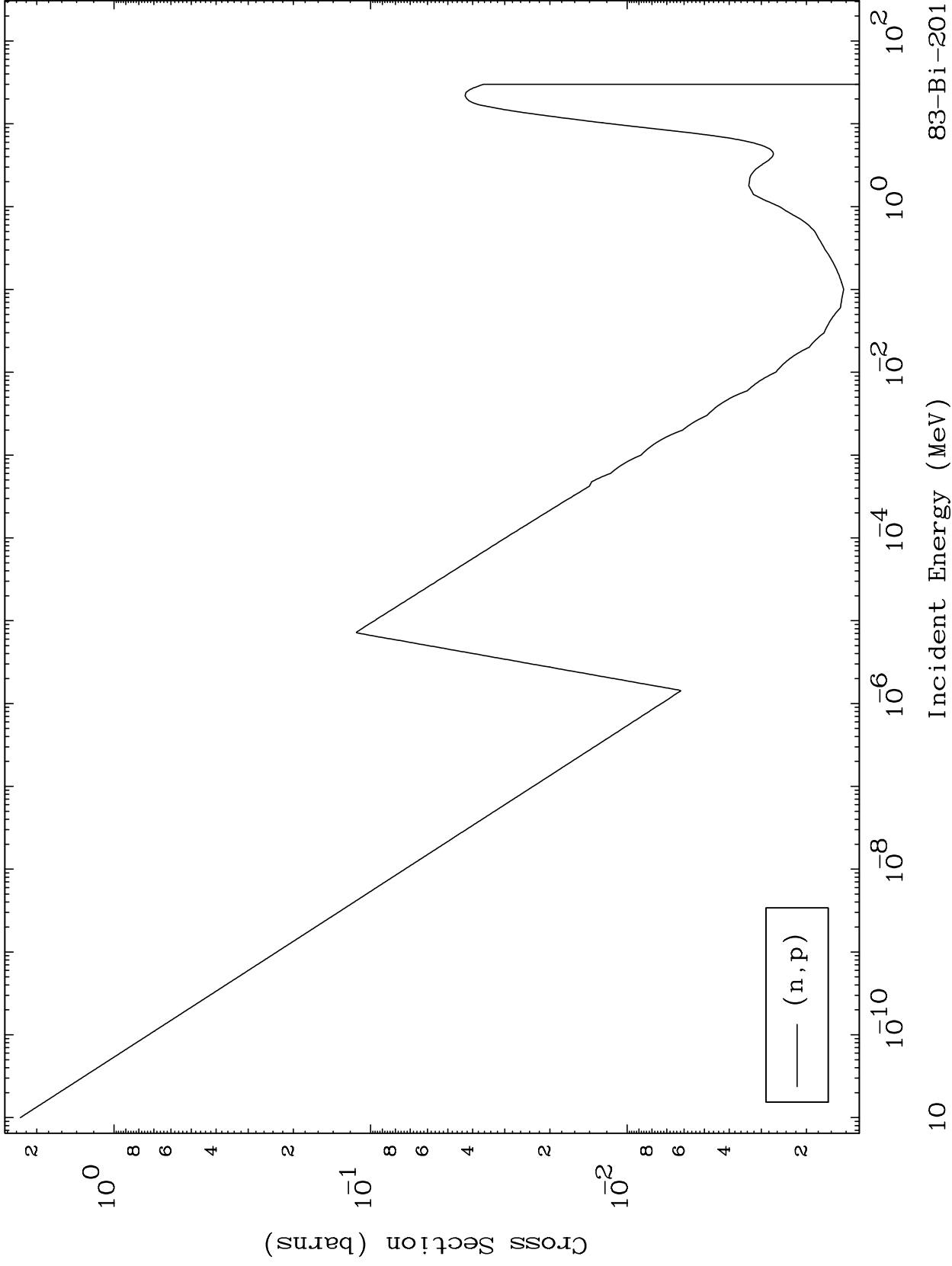
293 Kelvin Cross Sections



MAT 8302

(n,p) Levels
293 Kelvin Cross Sections

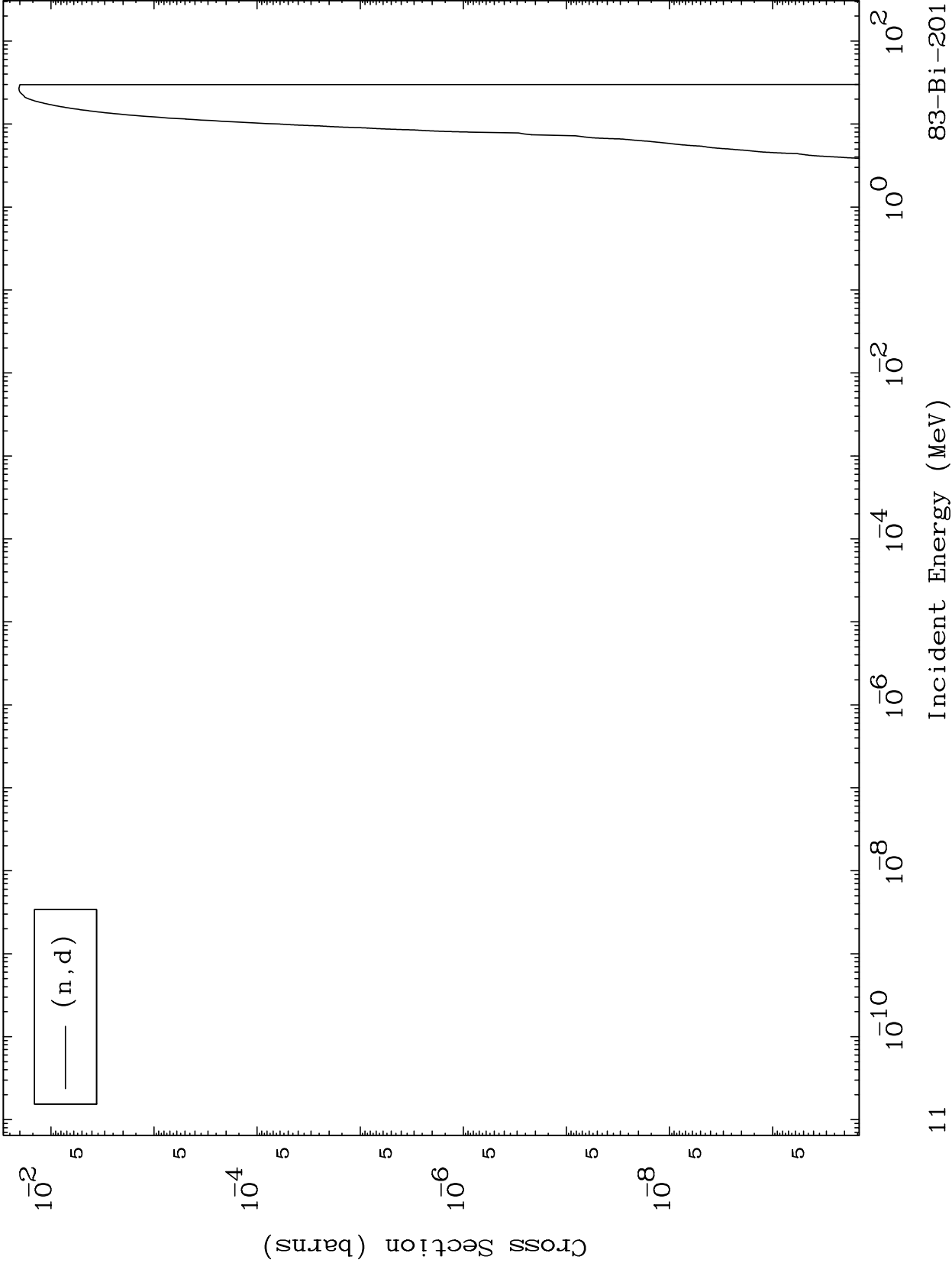
83-Bi-201



MAT 8302

(n,d) Levels
293 Kelvin Cross Sections

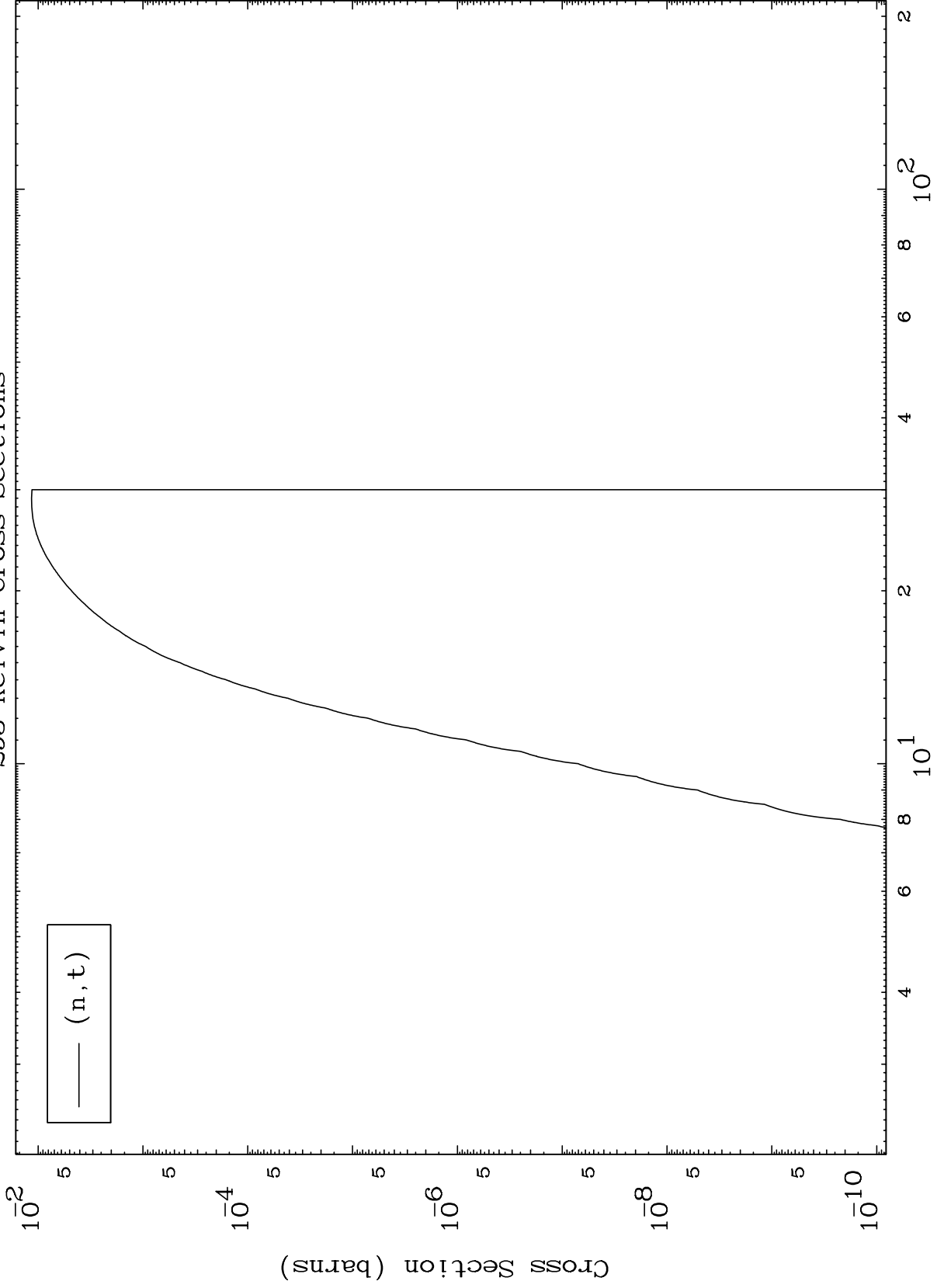
83-Bi-201



MAT 8302

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-201



12

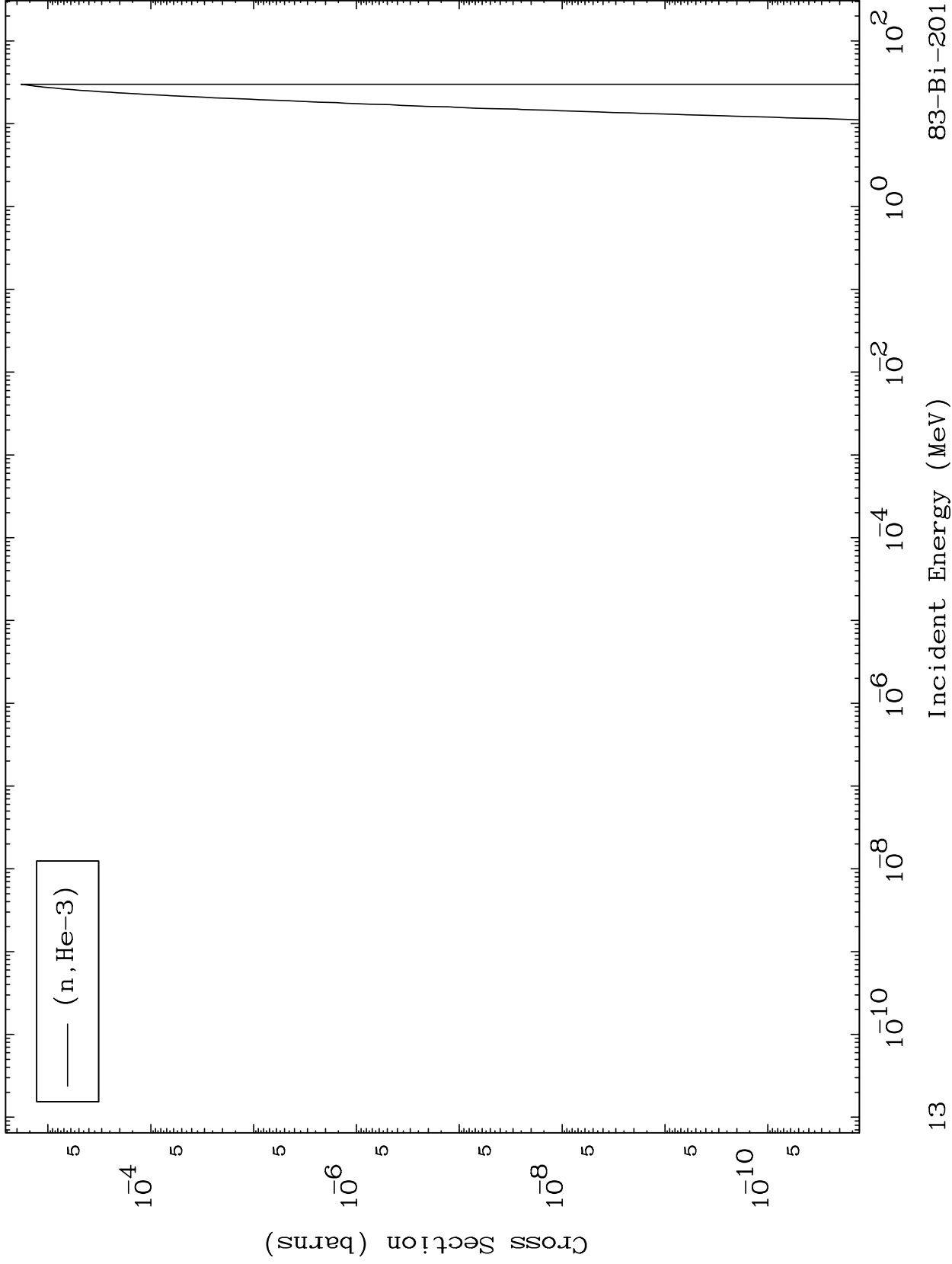
Incident Energy (MeV)

83-Bi-201

MAT 8302

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-201



13

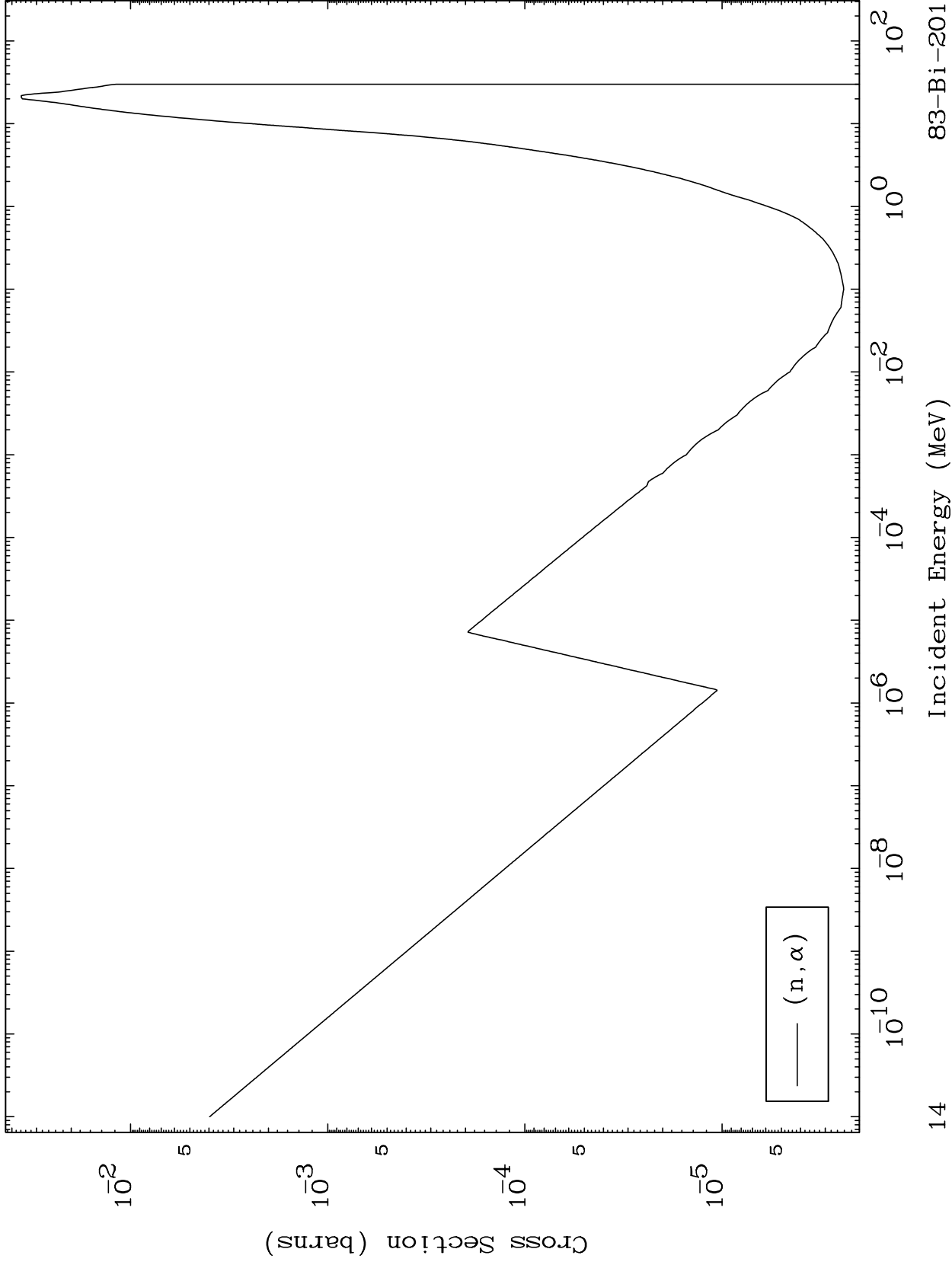
Incident Energy (MeV)

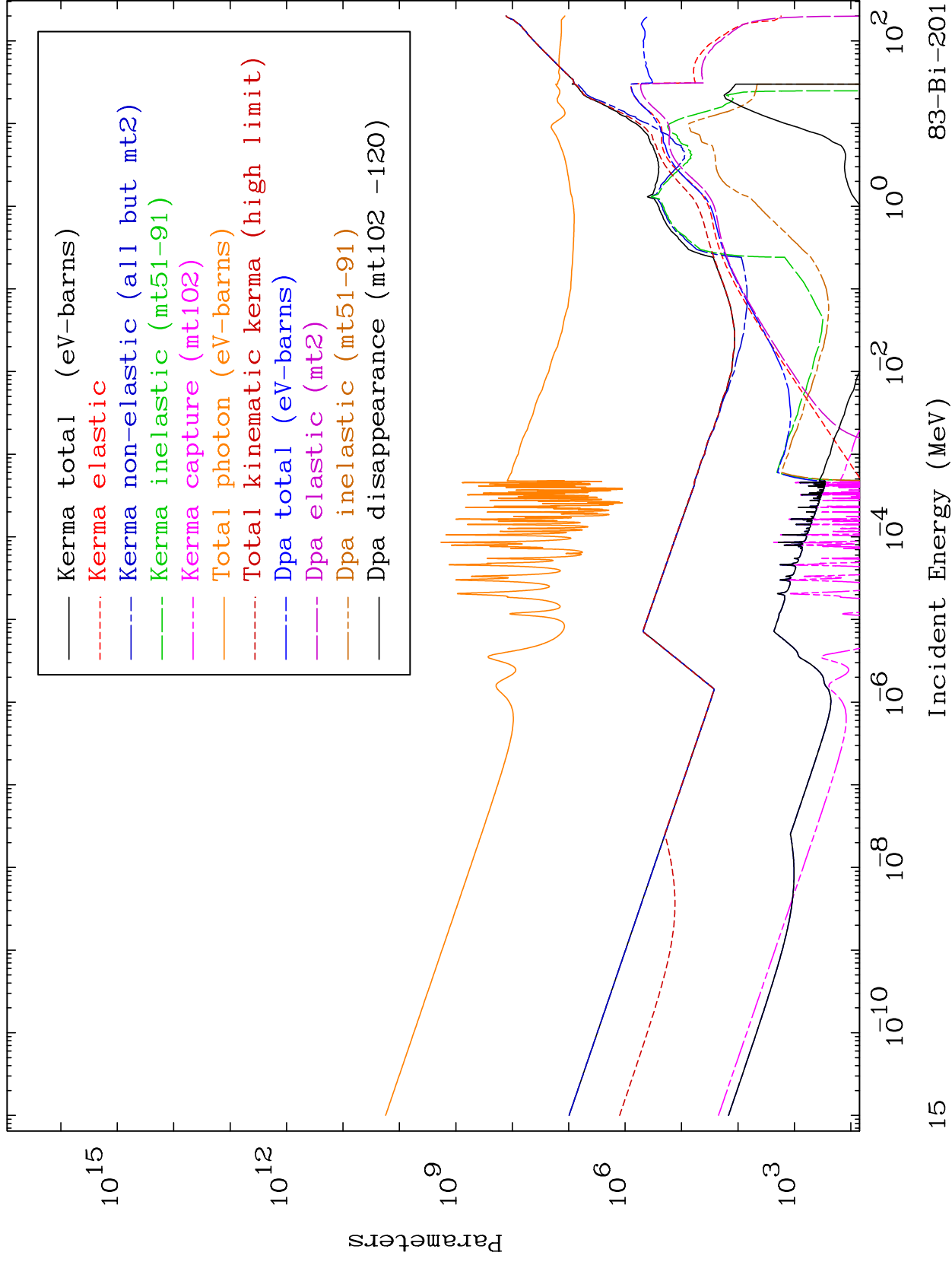
83-Bi-201

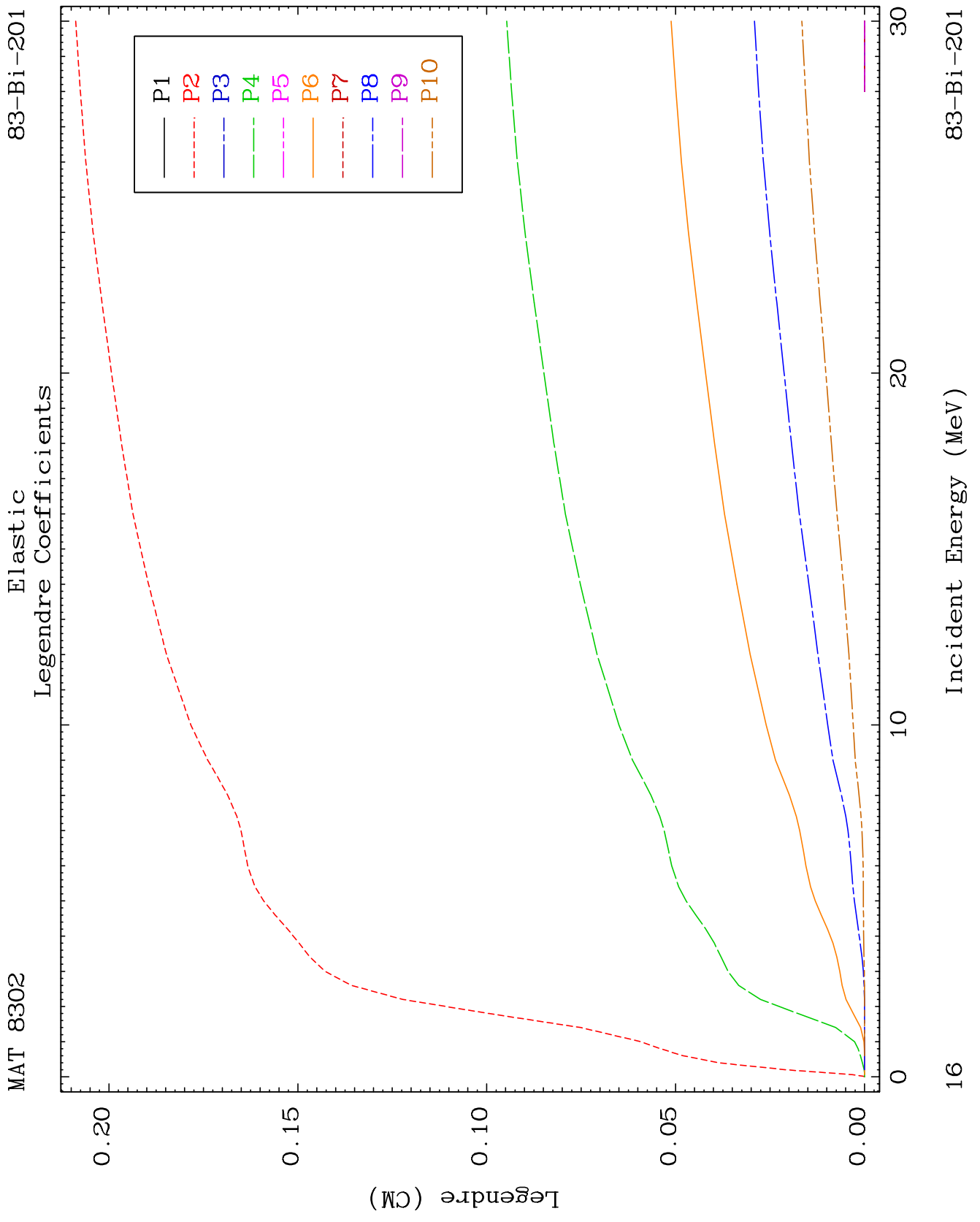
MAT 8302

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-201







83-Bi-201

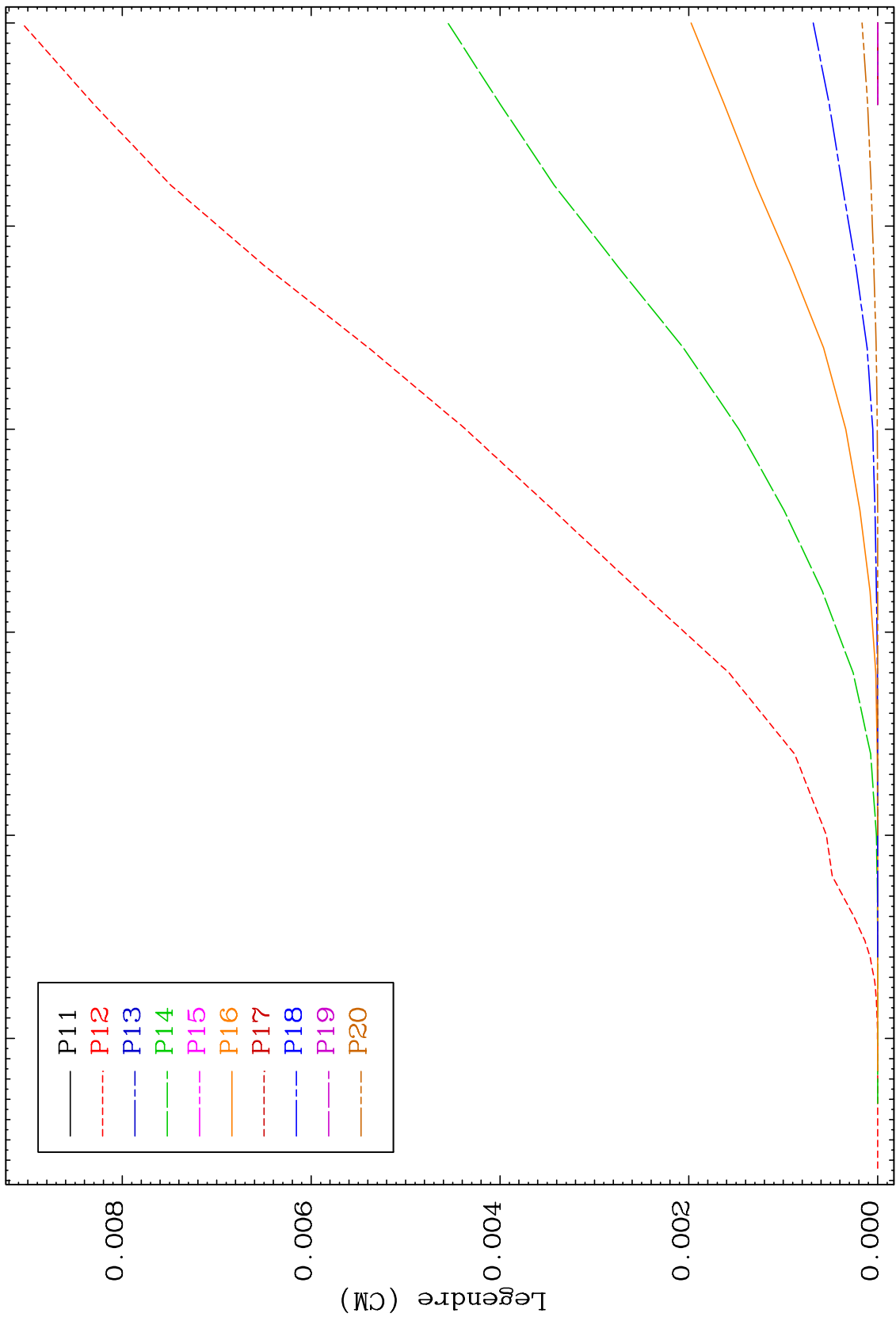
Incident Energy (MeV)

16

MAT 8302

Elastic Legendre Coefficients

83-Bi-201



17

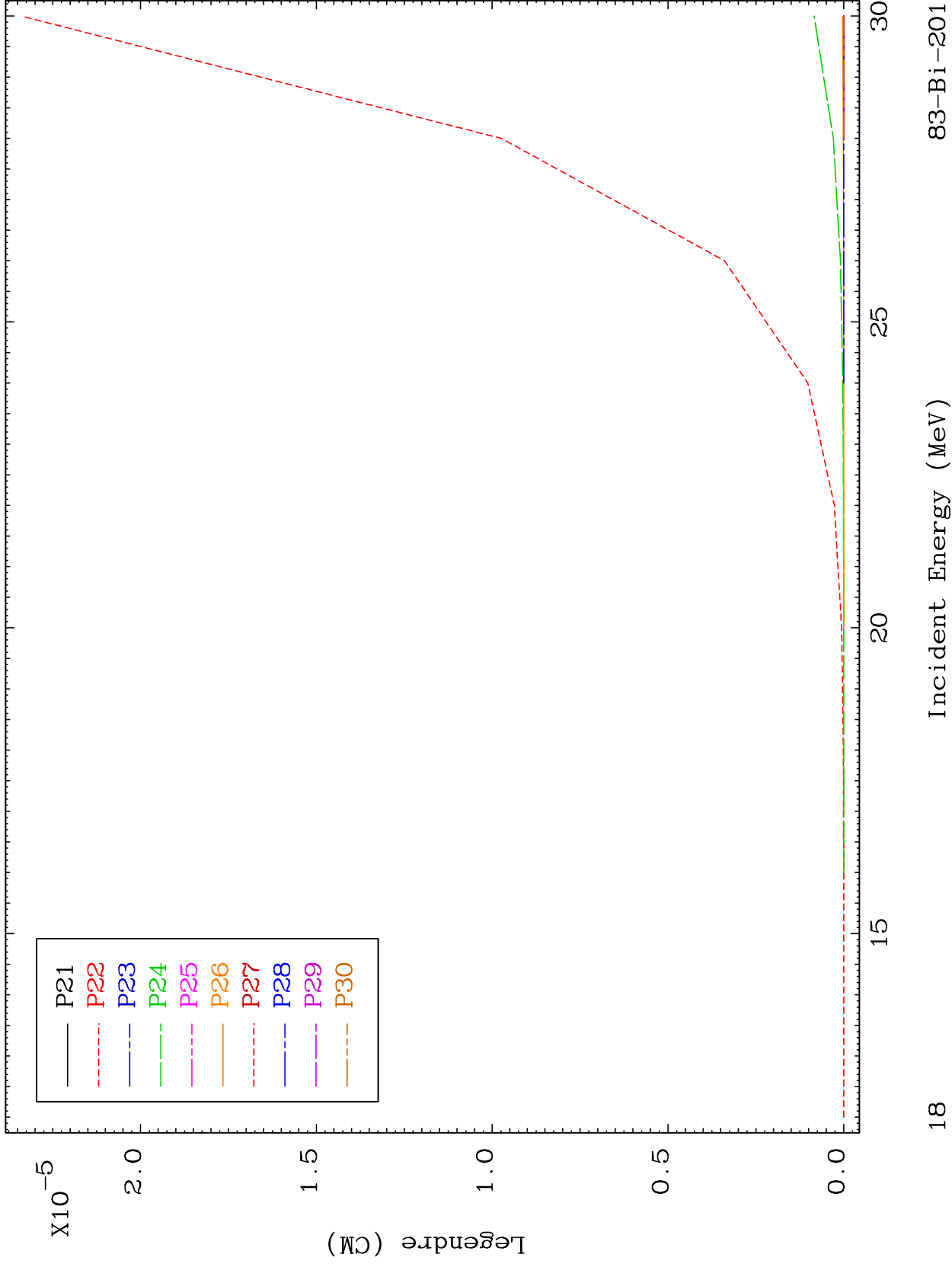
83-Bi-201

Incident Energy (MeV)

MAT 8302

Elastic Legendre Coefficients

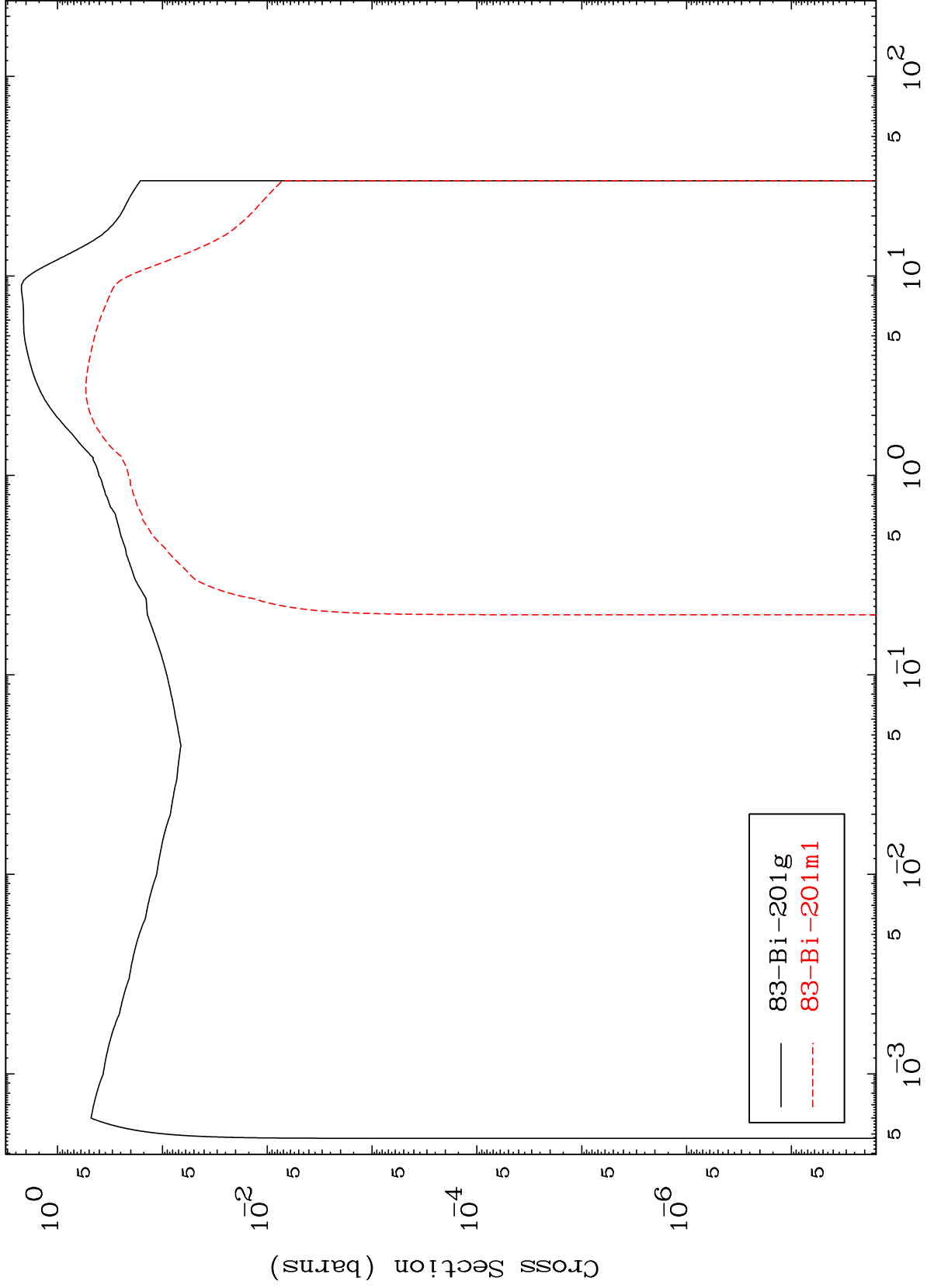
83-Bi-201



MAT 8302

83-Bi-201

Inelastic
Radionuclide Production Cross Section



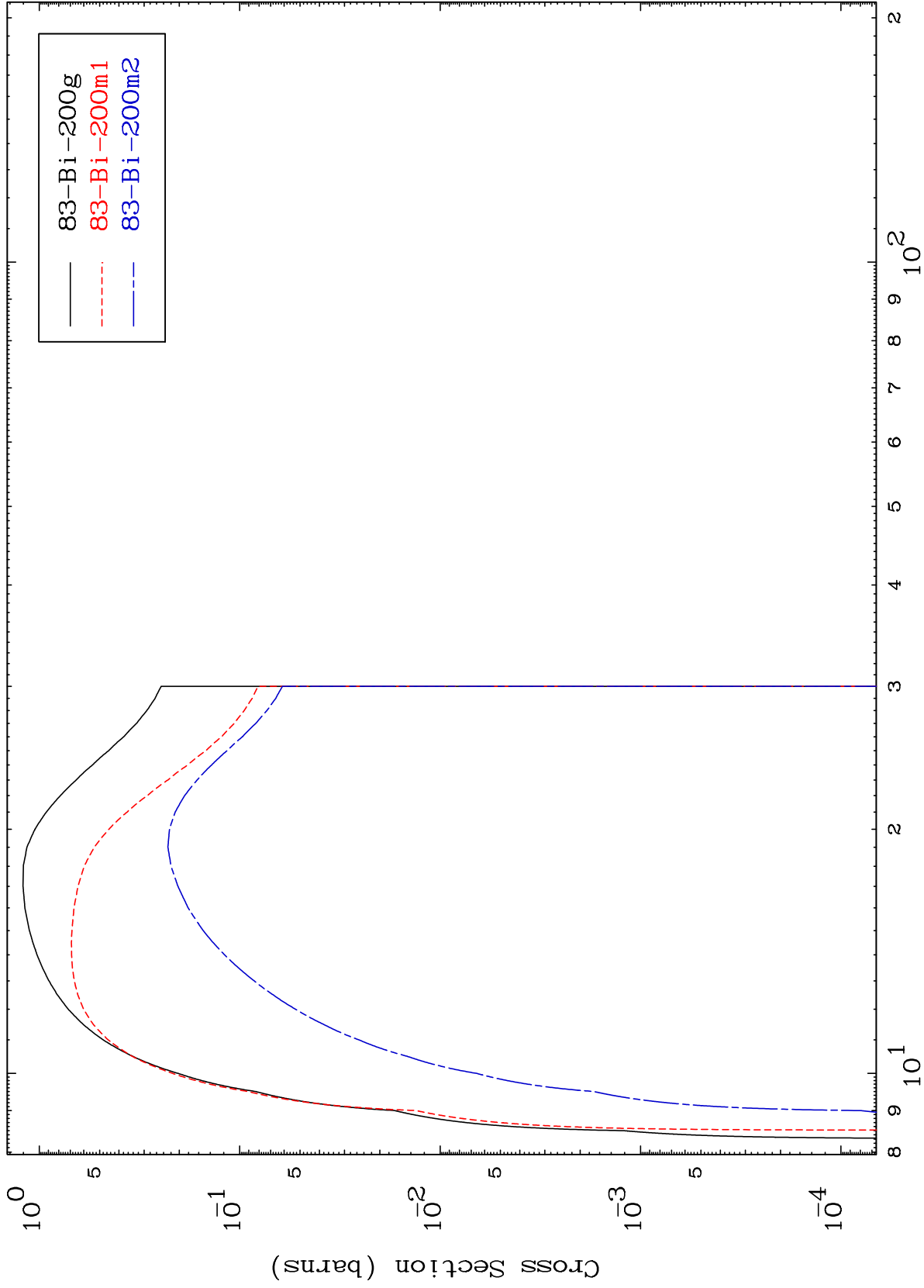
— 83-Bi-201g
- - - 83-Bi-201m1

MAT 8302

(n,2n)

83-Bi-201

Radionuclide Production Cross Section

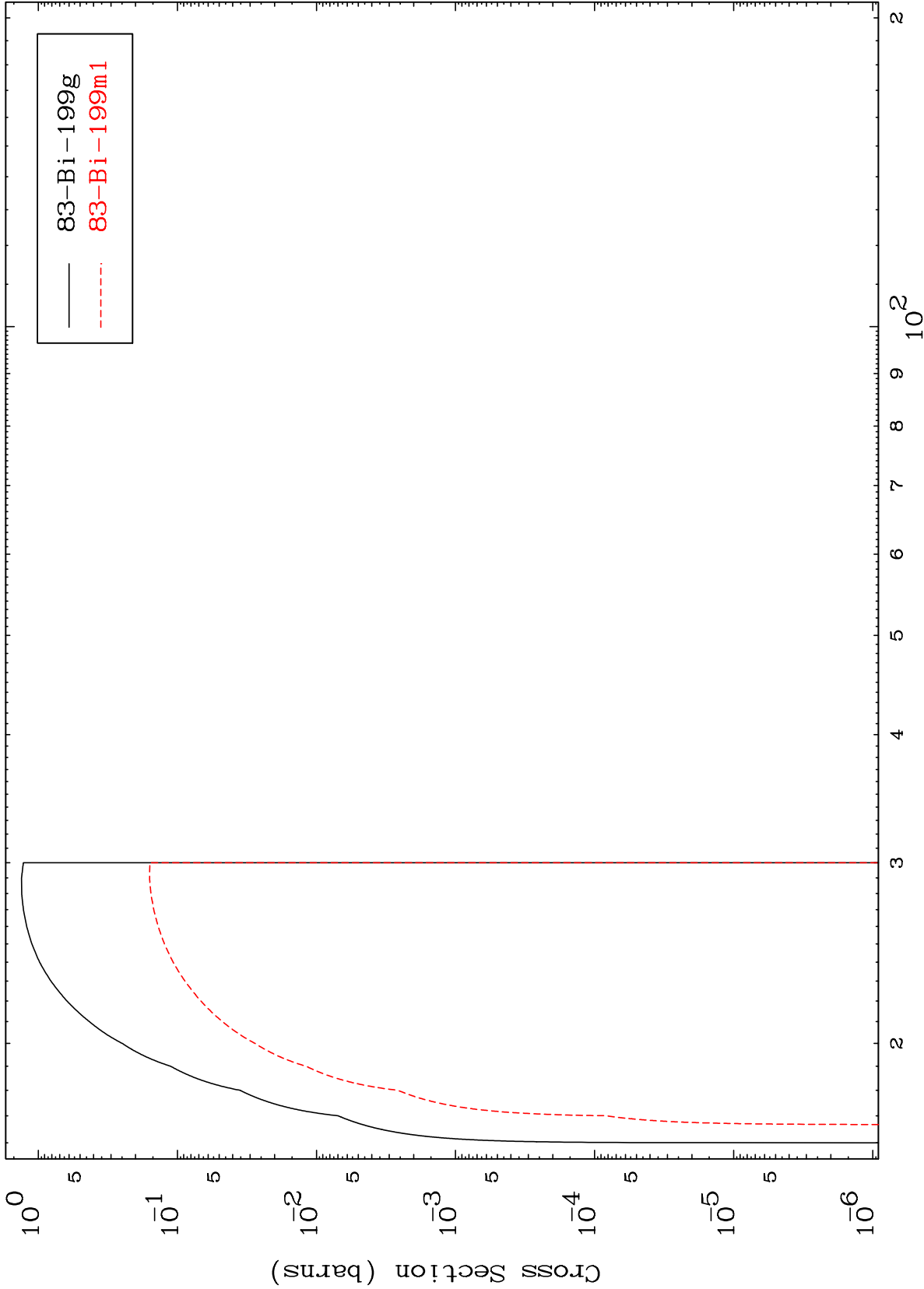


Incident Energy (MeV)

83-Bi-201

20

Radionuclide Production Cross Section

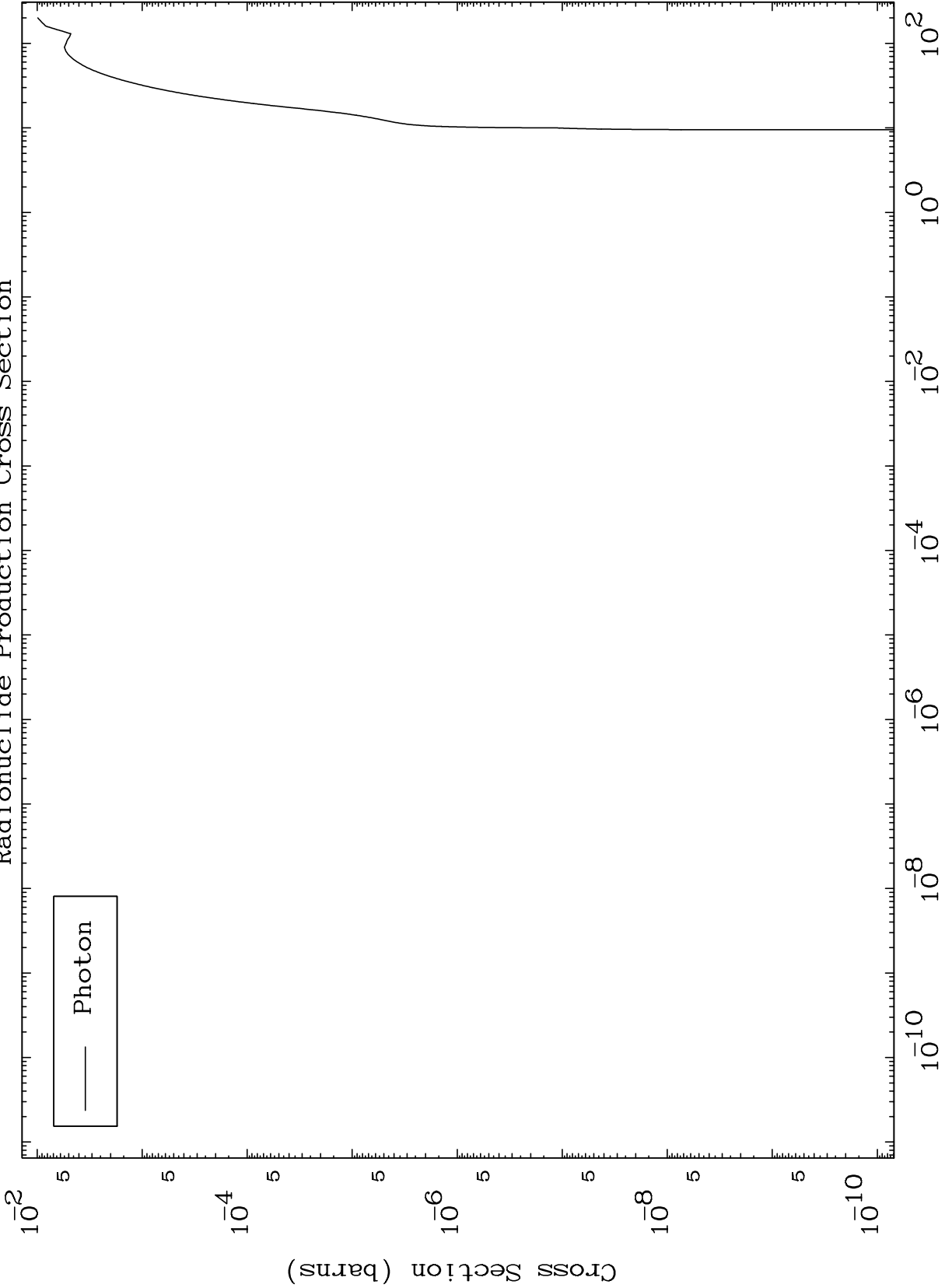


MAT 8302

Fission

83-Bi-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

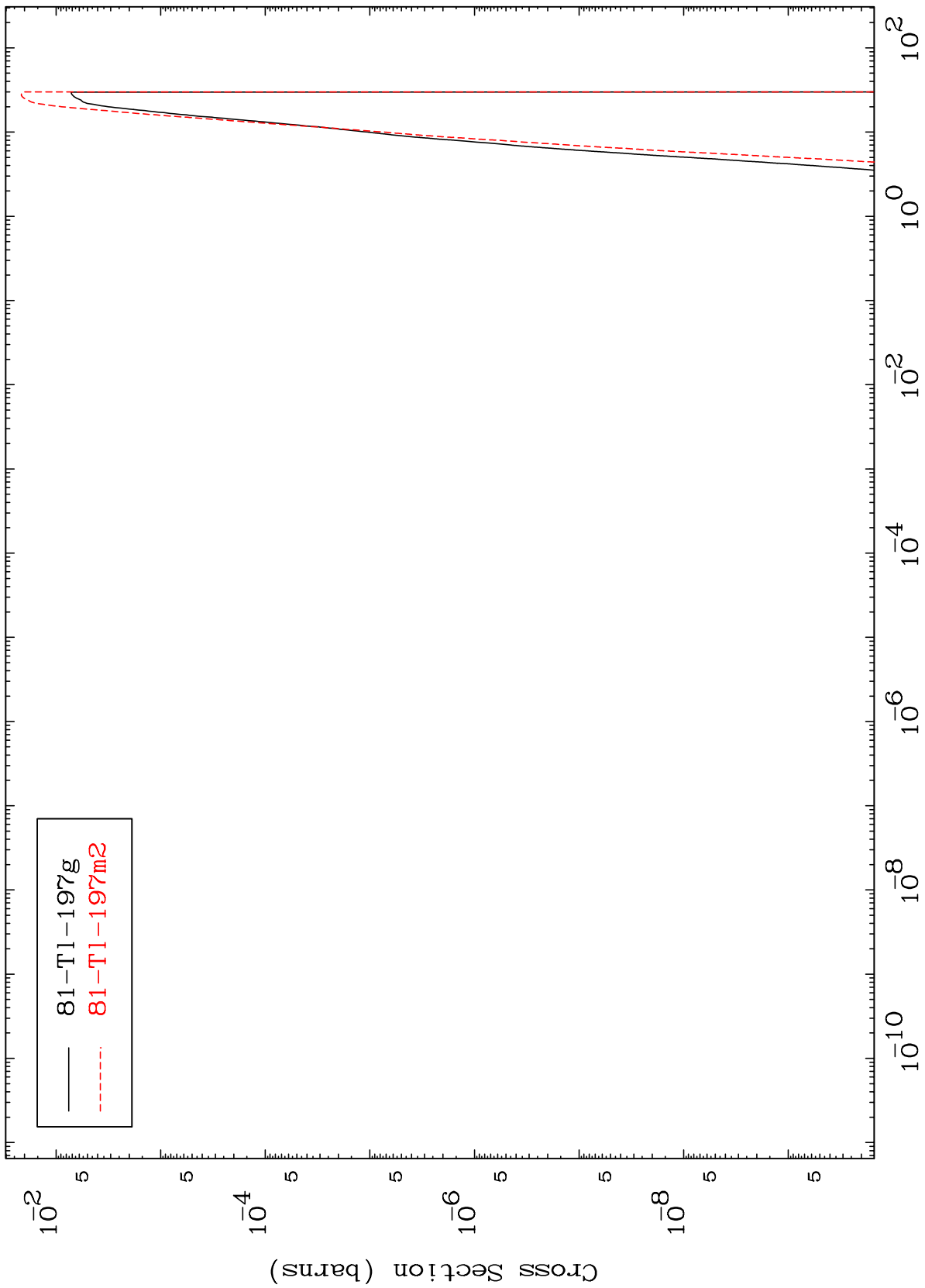
83-Bi-201

MAT 8302

$(n, n') \alpha$

$^{83}\text{Bi-201}$

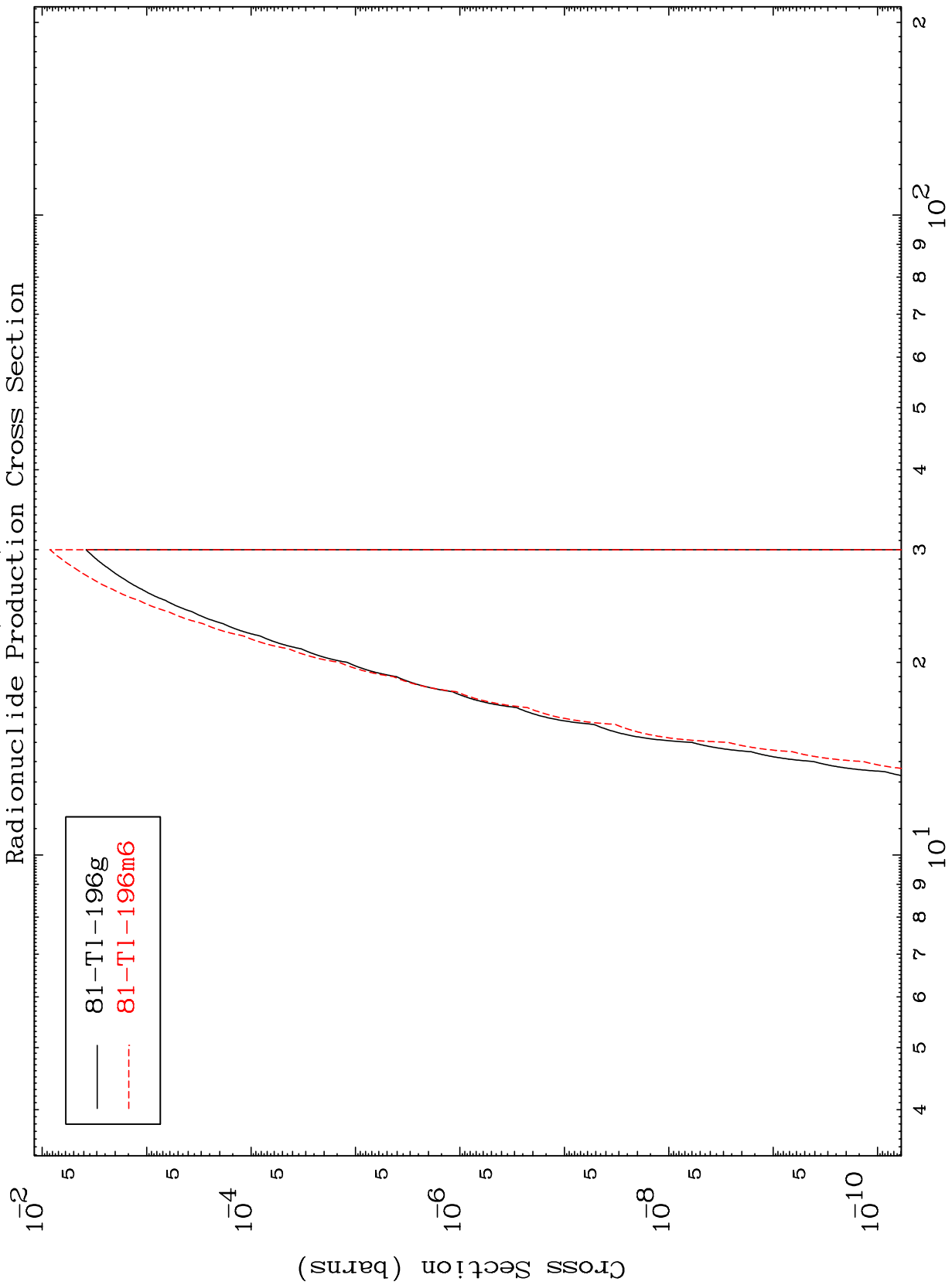
Radionuclide Production Cross Section



MAT 8302

$(n, 2n)$ α

83-Bi-201



24

Incident Energy (MeV)

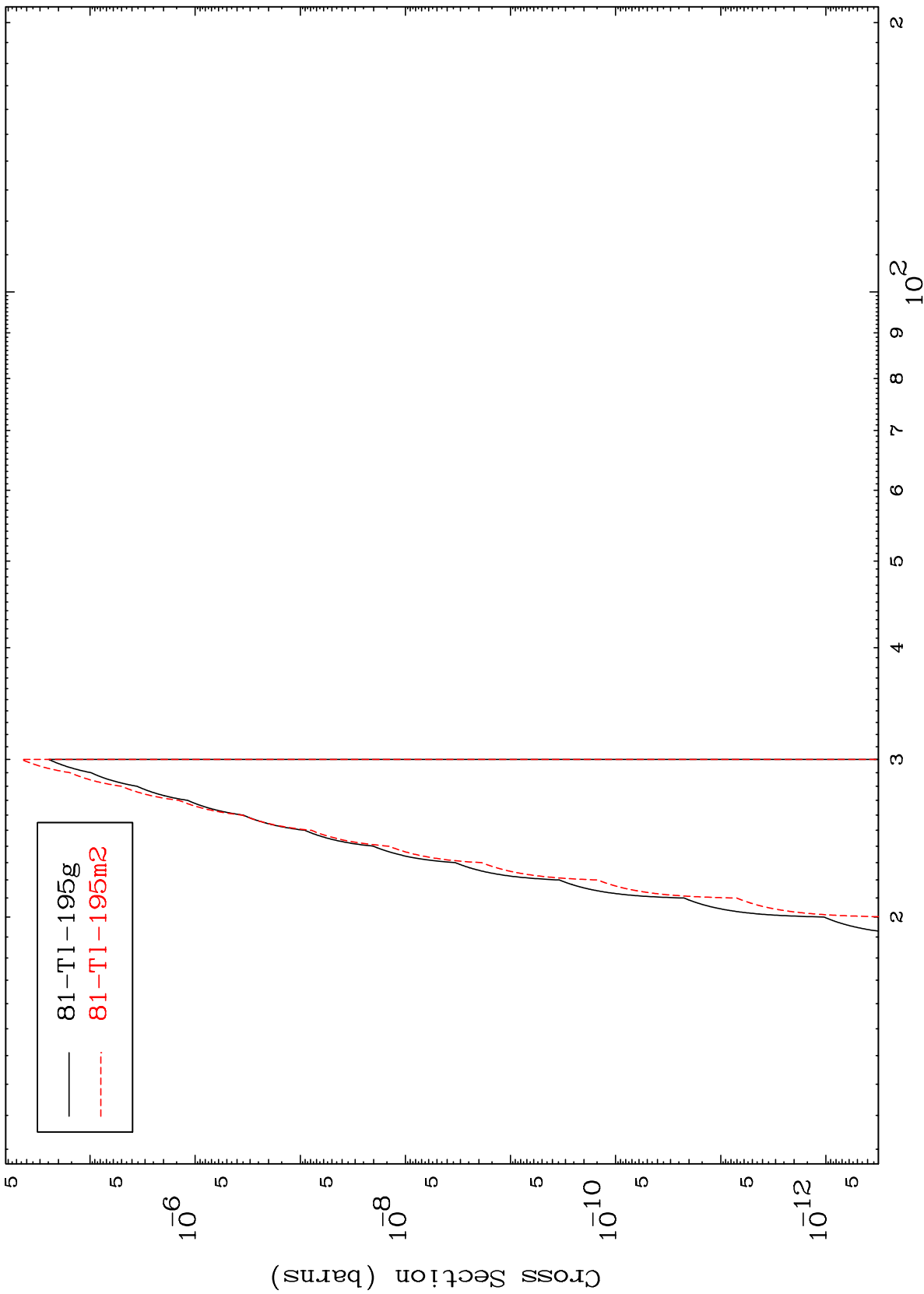
83-Bi-201

MAT 8302

$(n,3n) \alpha$

83-Bi-201

Radionuclide Production Cross Section

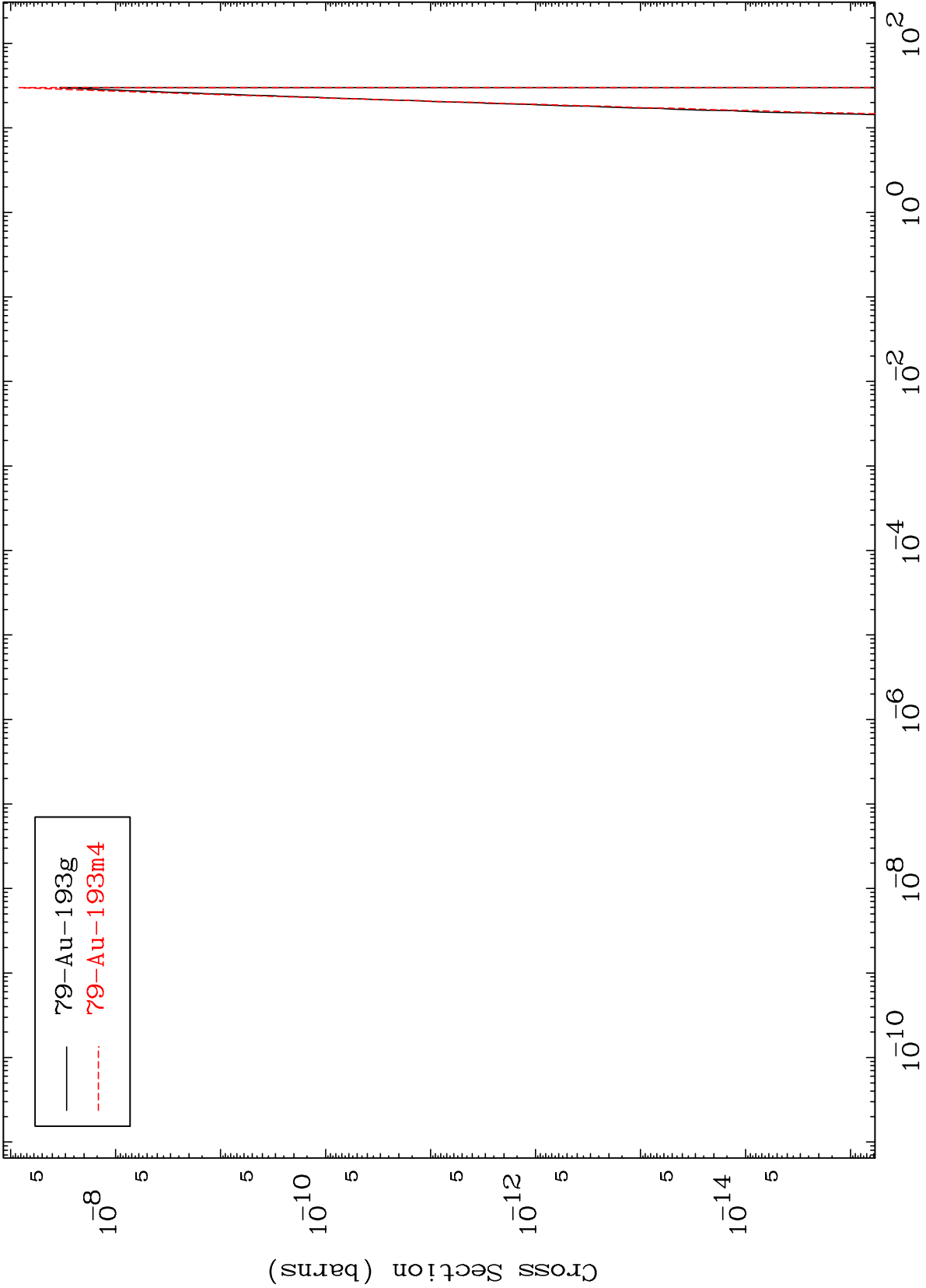


MAT 8302

(n,n') 2α

83-Bi-201

Radionuclide Production Cross Section



26

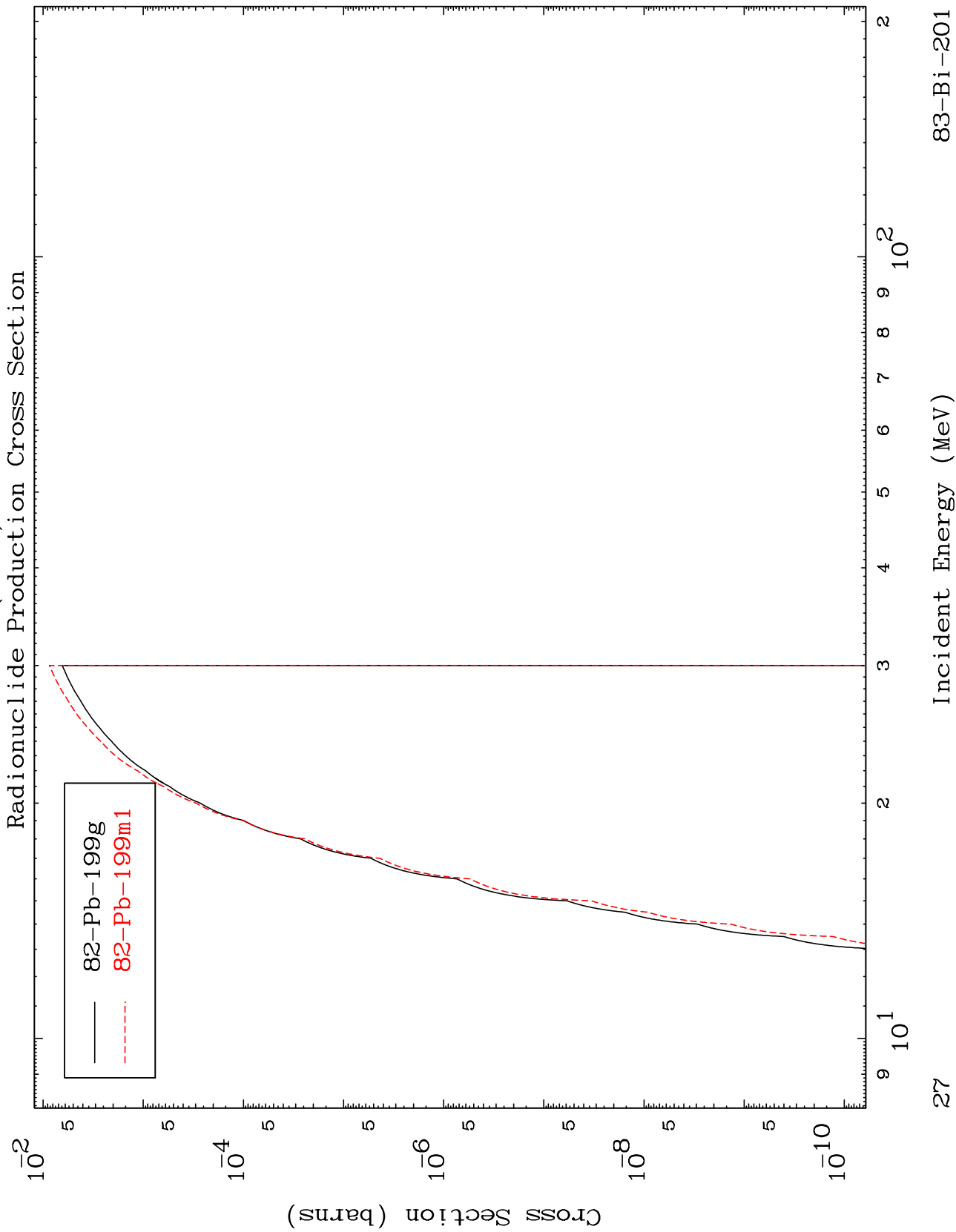
Incident Energy (MeV)

83-Bi-201

MAT 8302

(n,n') d

83-Bi-201

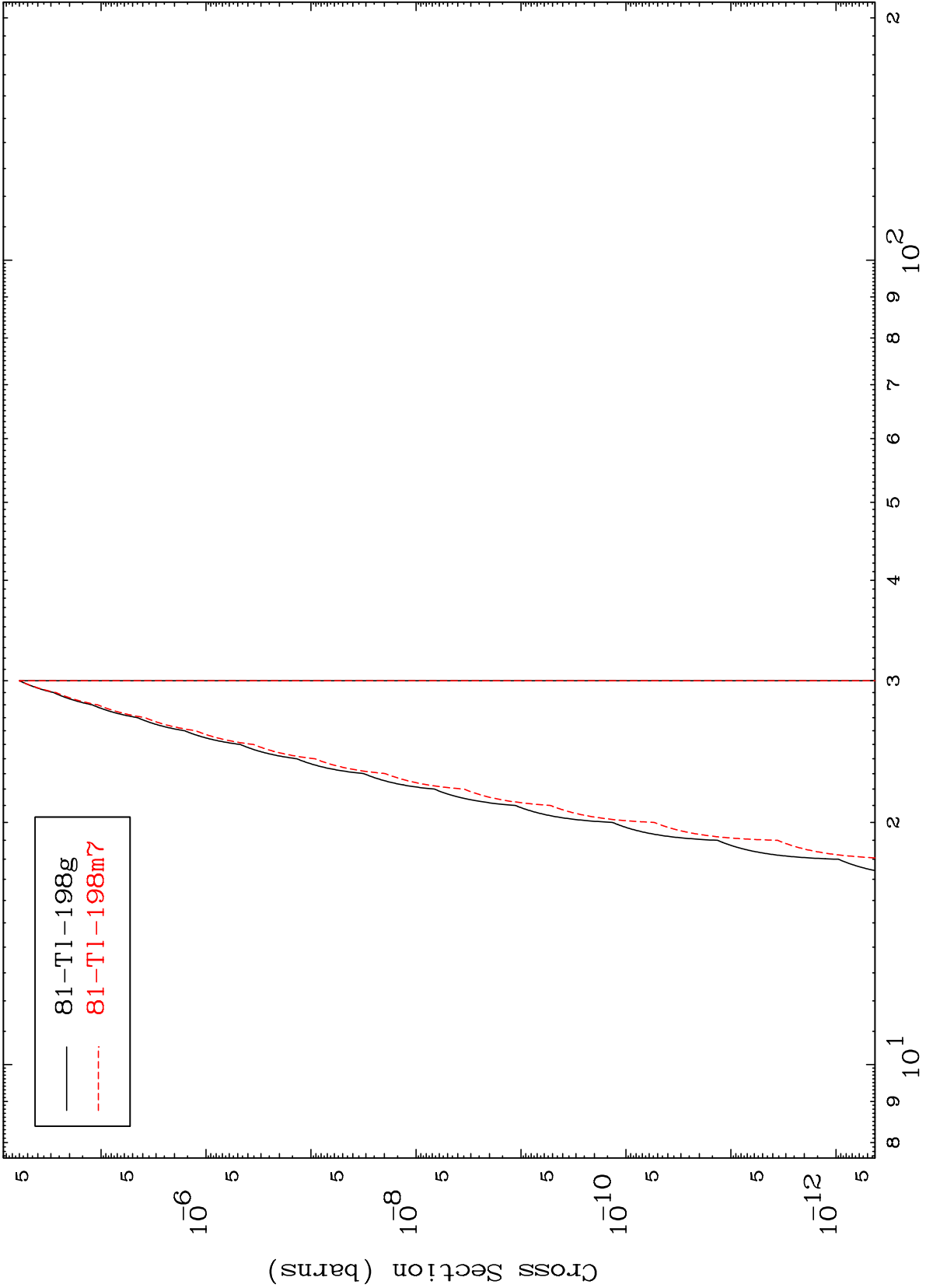


MAT 8302

(n,n') He-3

83-Bi-201

Radionuclide Production Cross Section



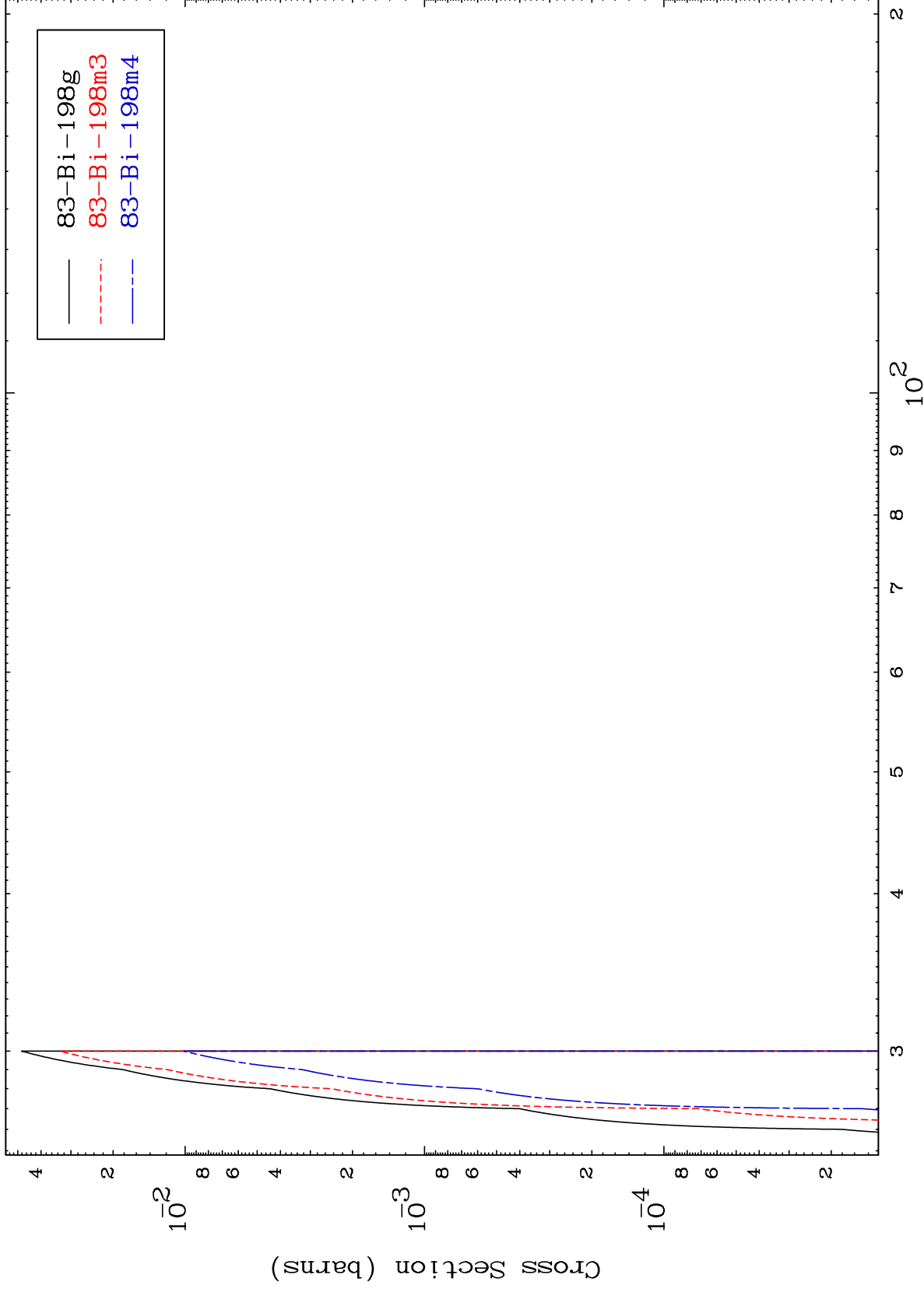
81-Tl-198g
81-Tl-198m7

28

Incident Energy (MeV)

83-Bi-201

Radionuclide Production Cross Section

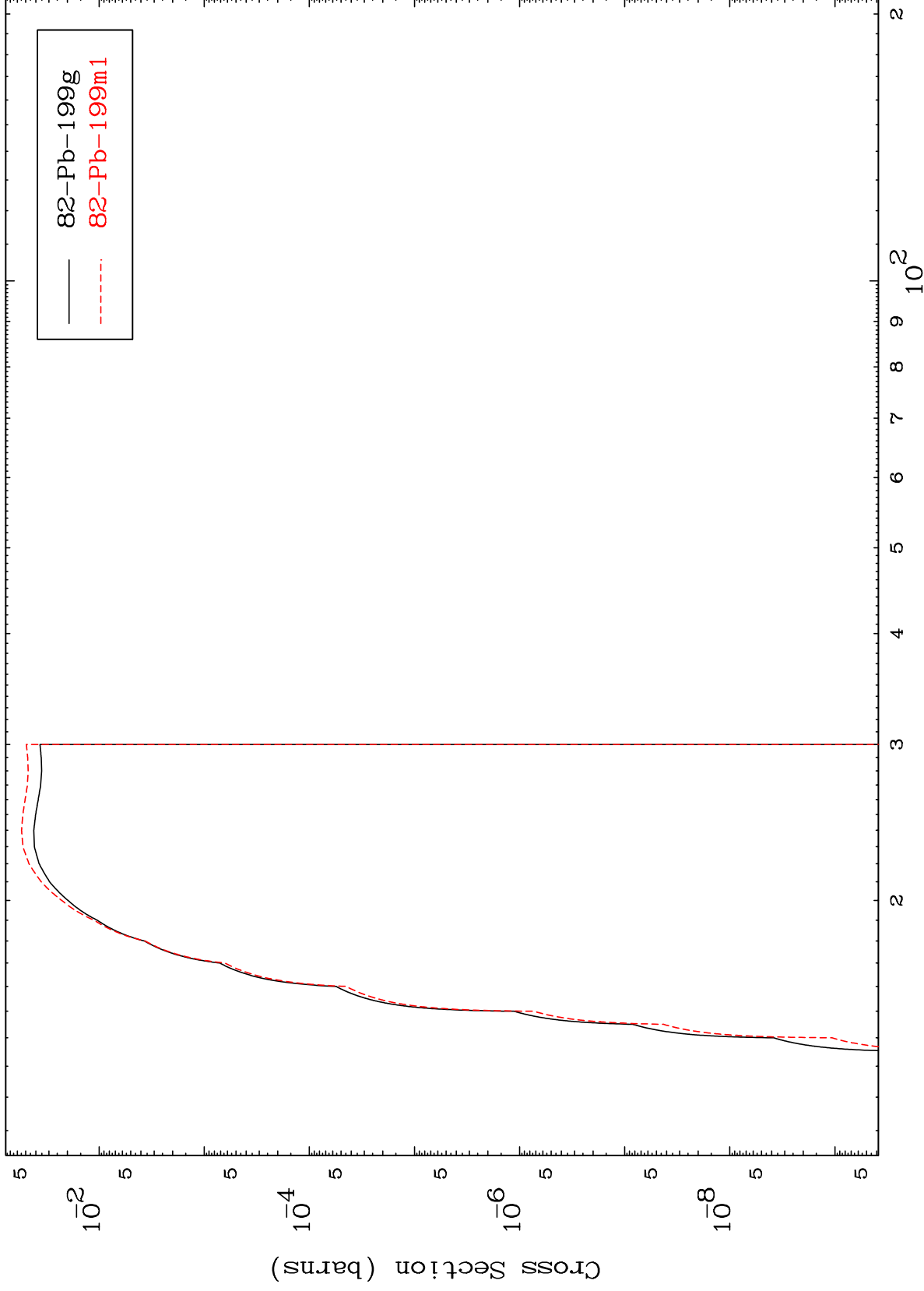


MAT 8302

(n,2n) p

83-Bi-201

Radionuclide Production Cross Section



30

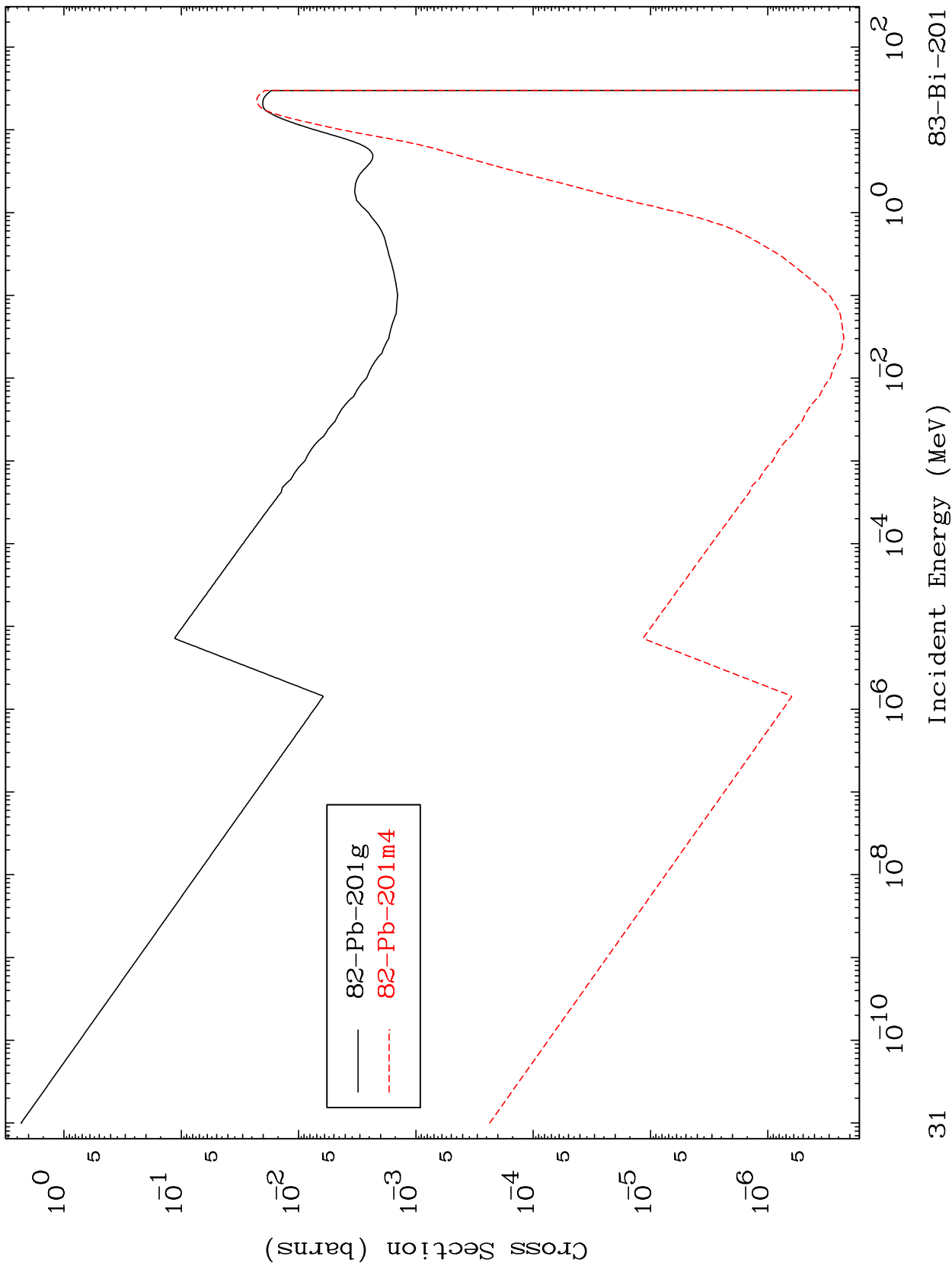
Incident Energy (MeV)

83-Bi-201

MAT 8302

83-Bi-201

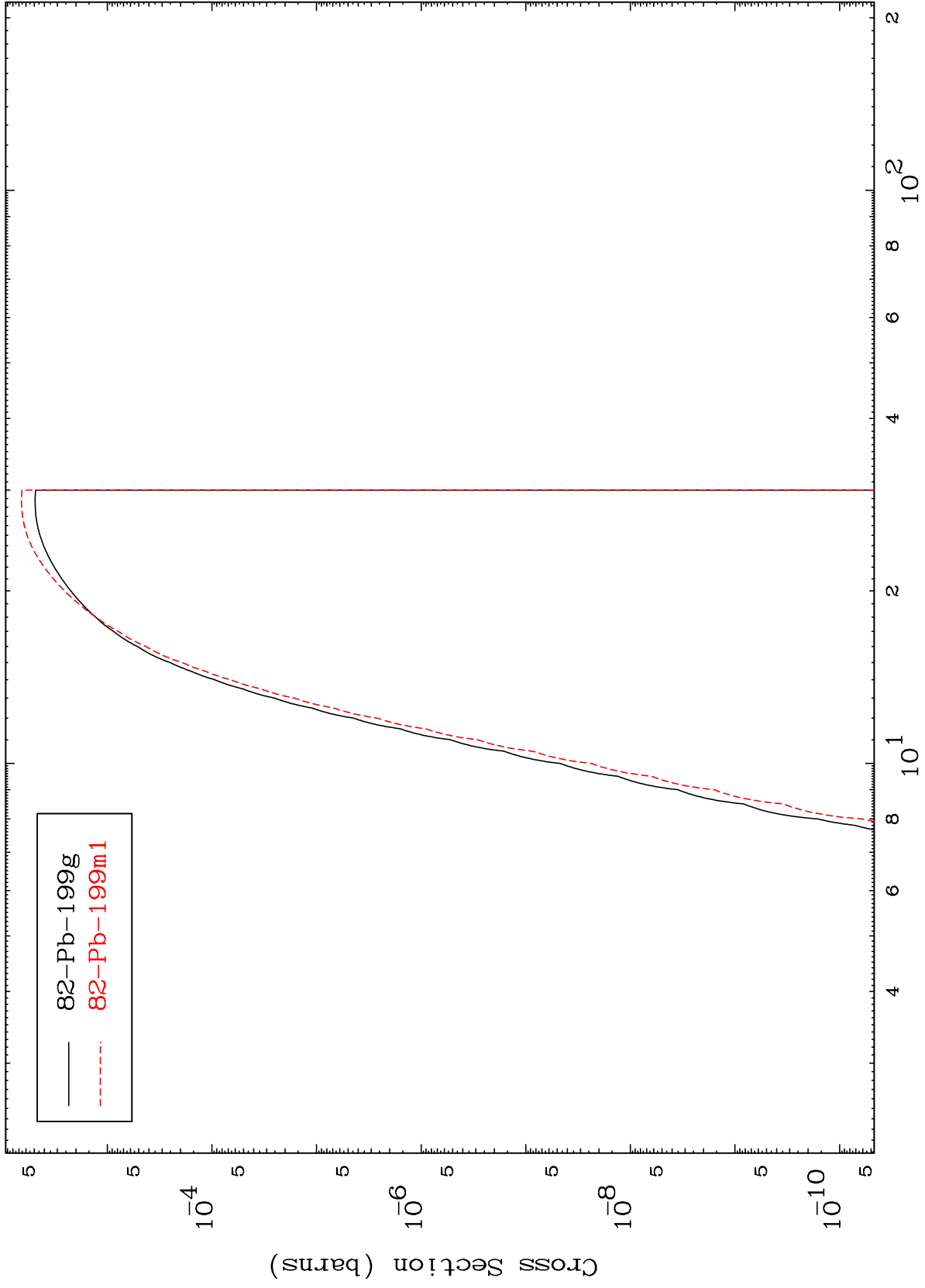
(n,p)
Radionuclide Production Cross Section



MAT 8302

83-Bi-201

(n, t)
Radionuclide Production Cross Section



32

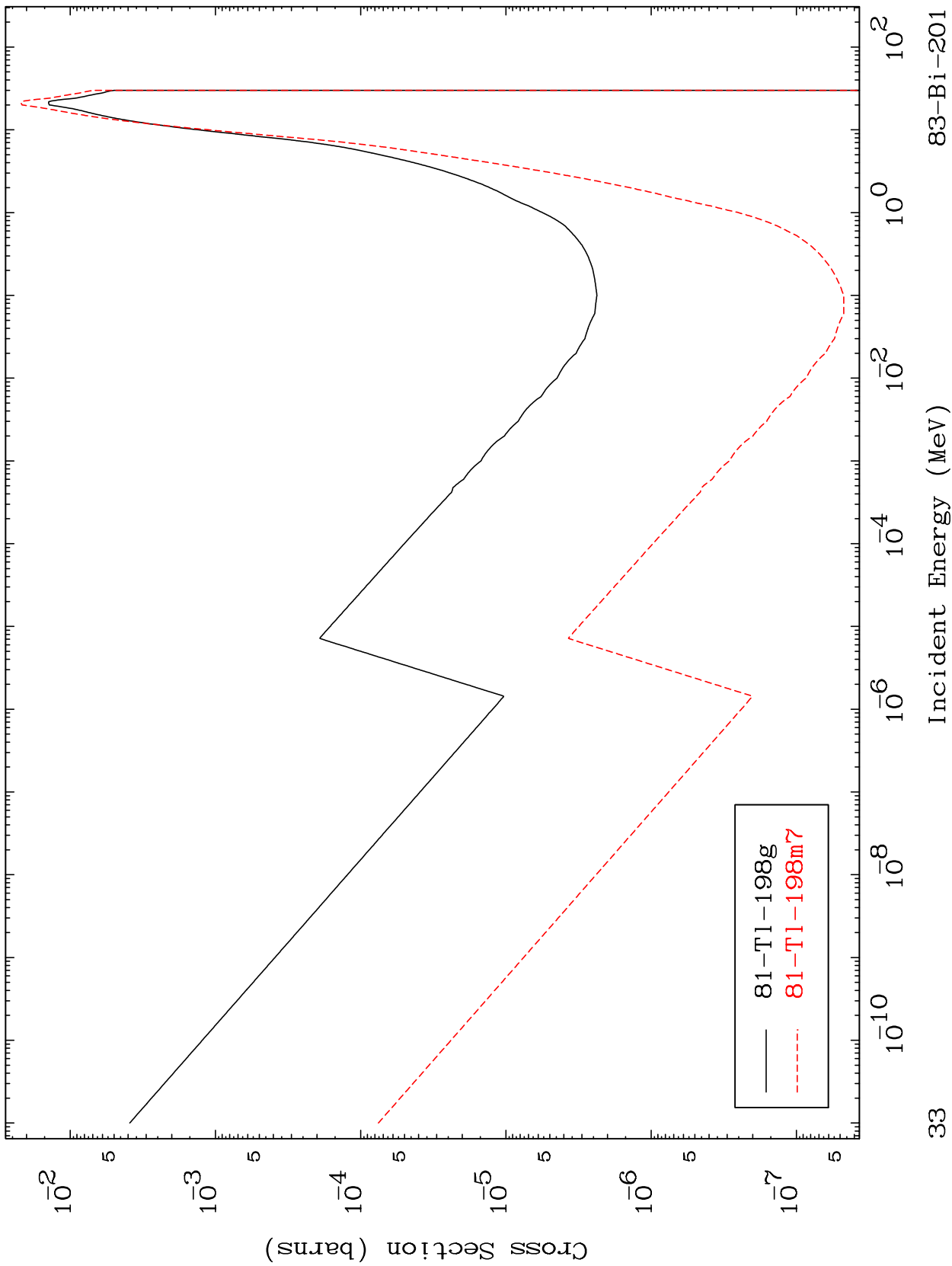
83-Bi-201

Incident Energy (MeV)

MAT 8302

83-Bi-201

Radionuclide Production Cross Section
(n, α)

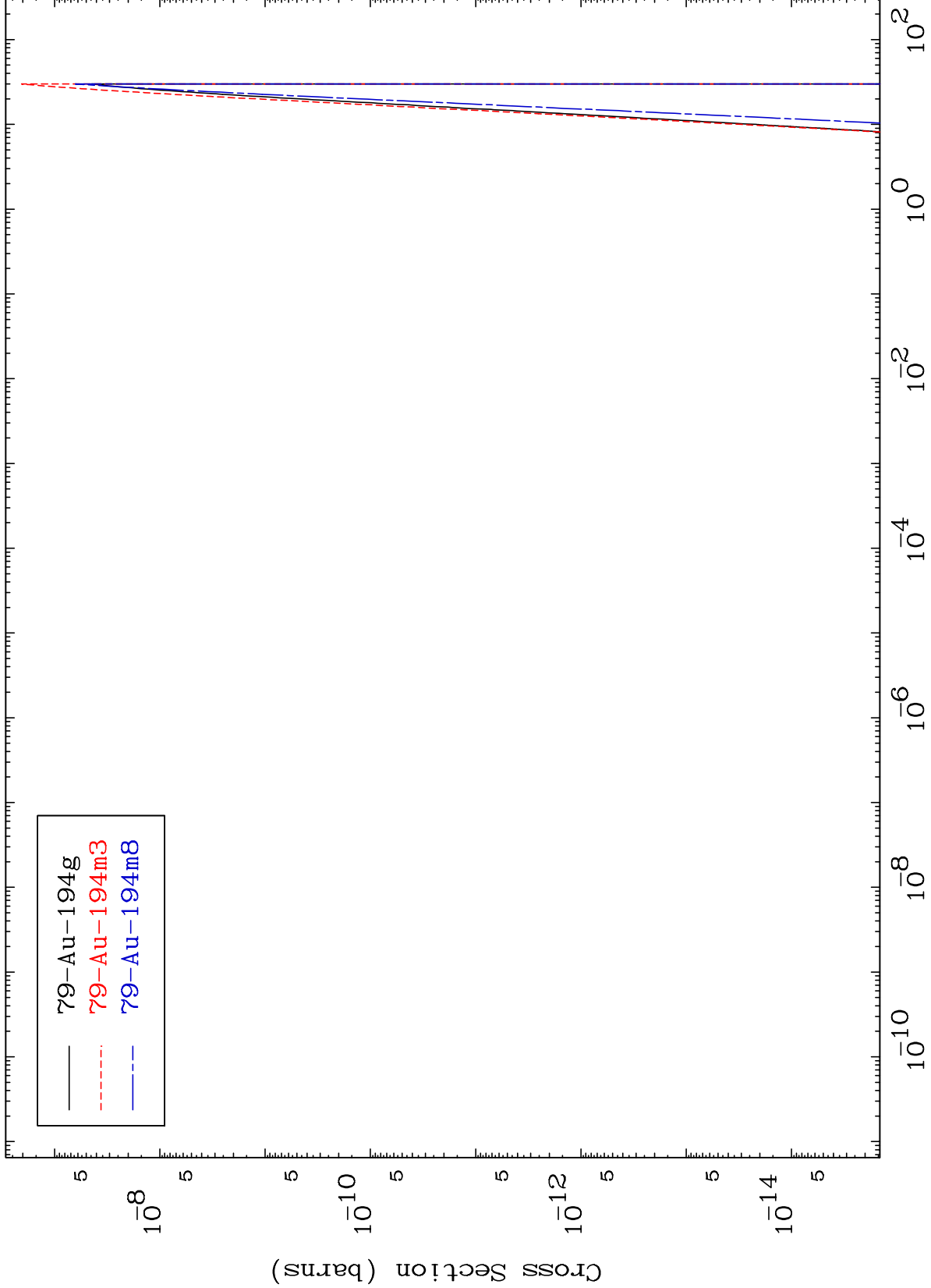


MAT 8302

$(n, 2\alpha)$

$^{83}\text{Bi-201}$

Radionuclide Production Cross Section

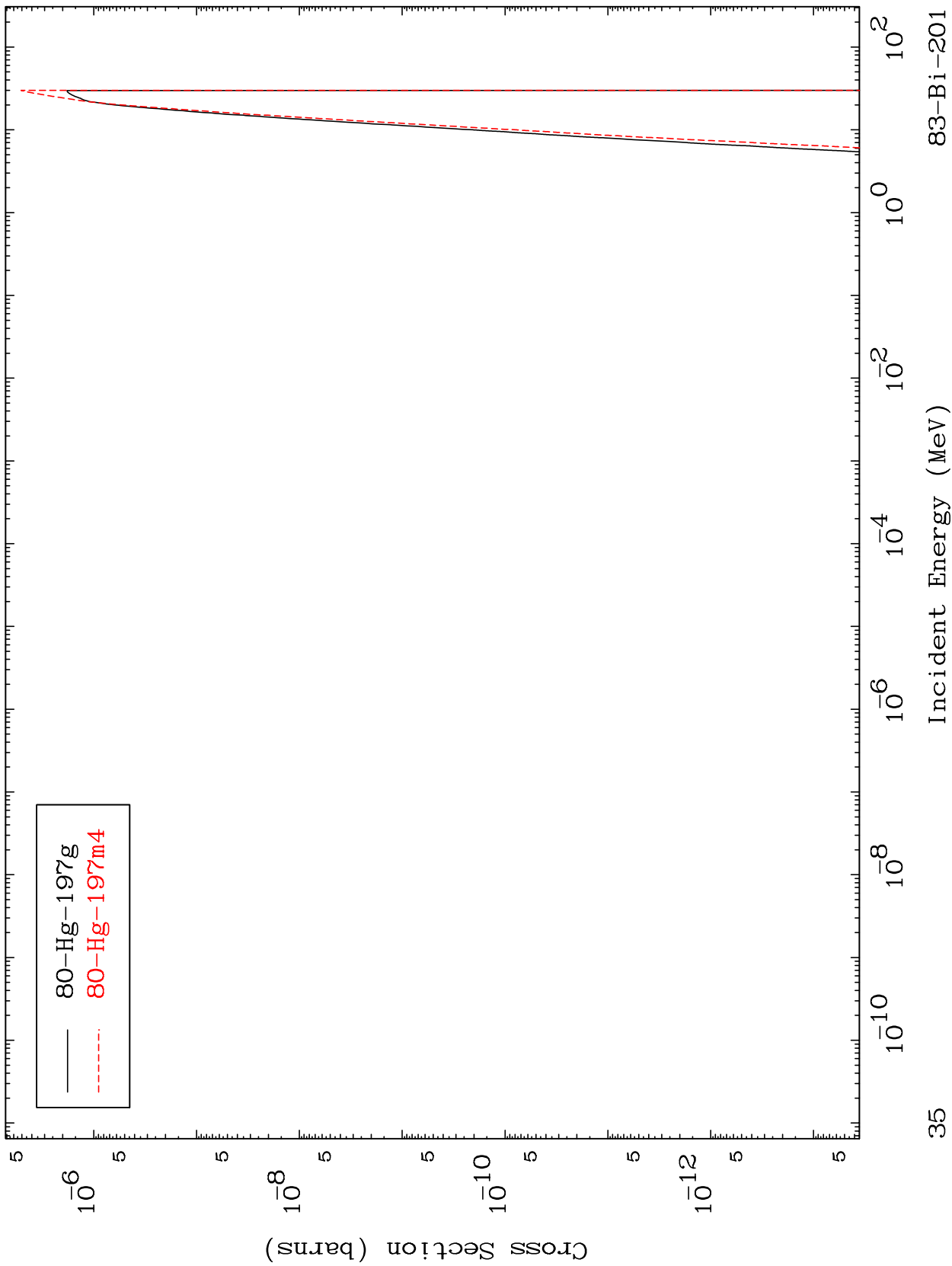


MAT 8302

(n,p) α

83-Bi-201

Radionuclide Production Cross Section



35

Incident Energy (MeV)

83-Bi-201

MAT 8302

(n,p) t

83-Bi-201

