

Program EVALPLOT
(Version 2018-1)

by

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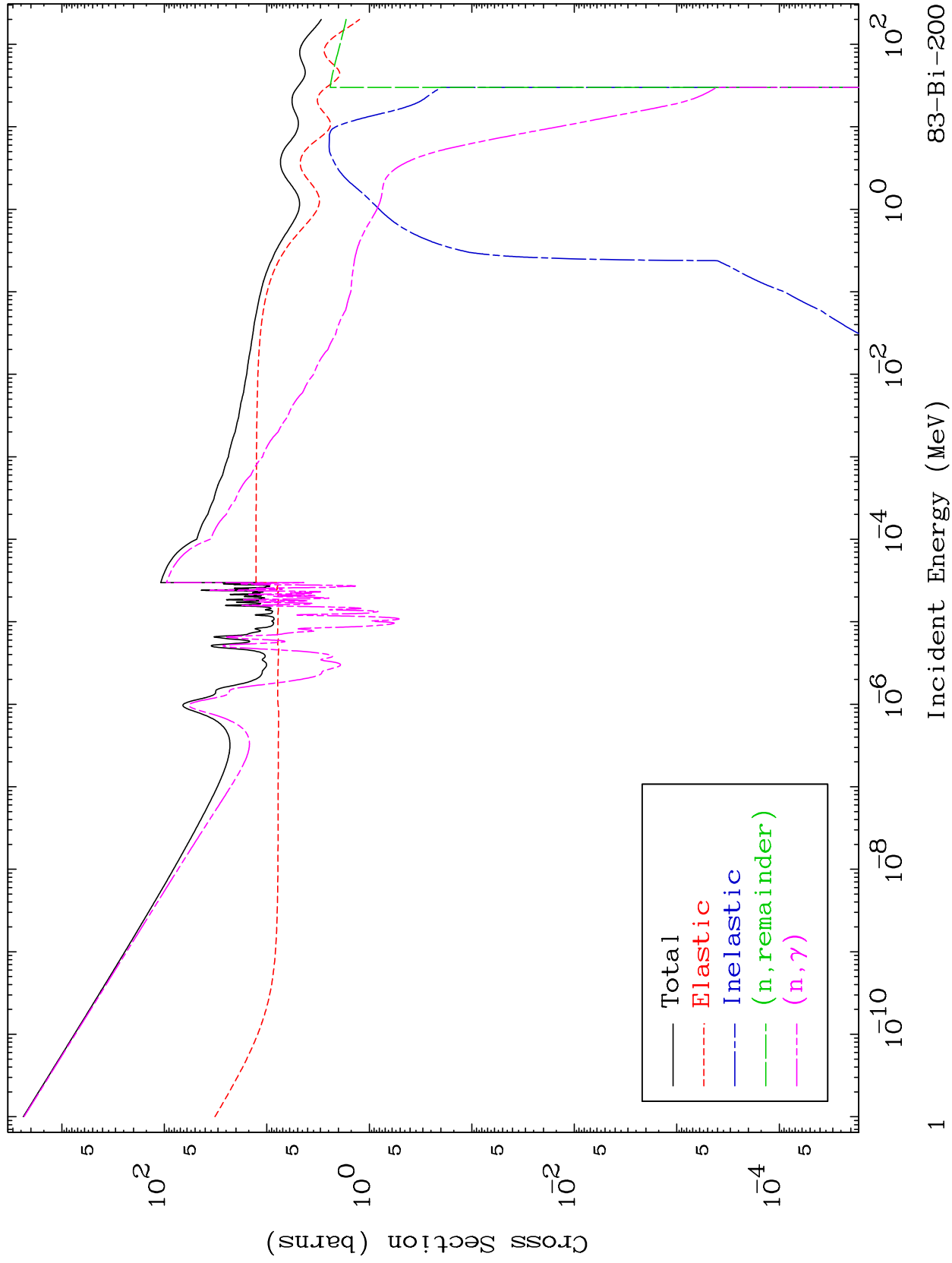
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8299

Major
293 Kelvin Cross Sections

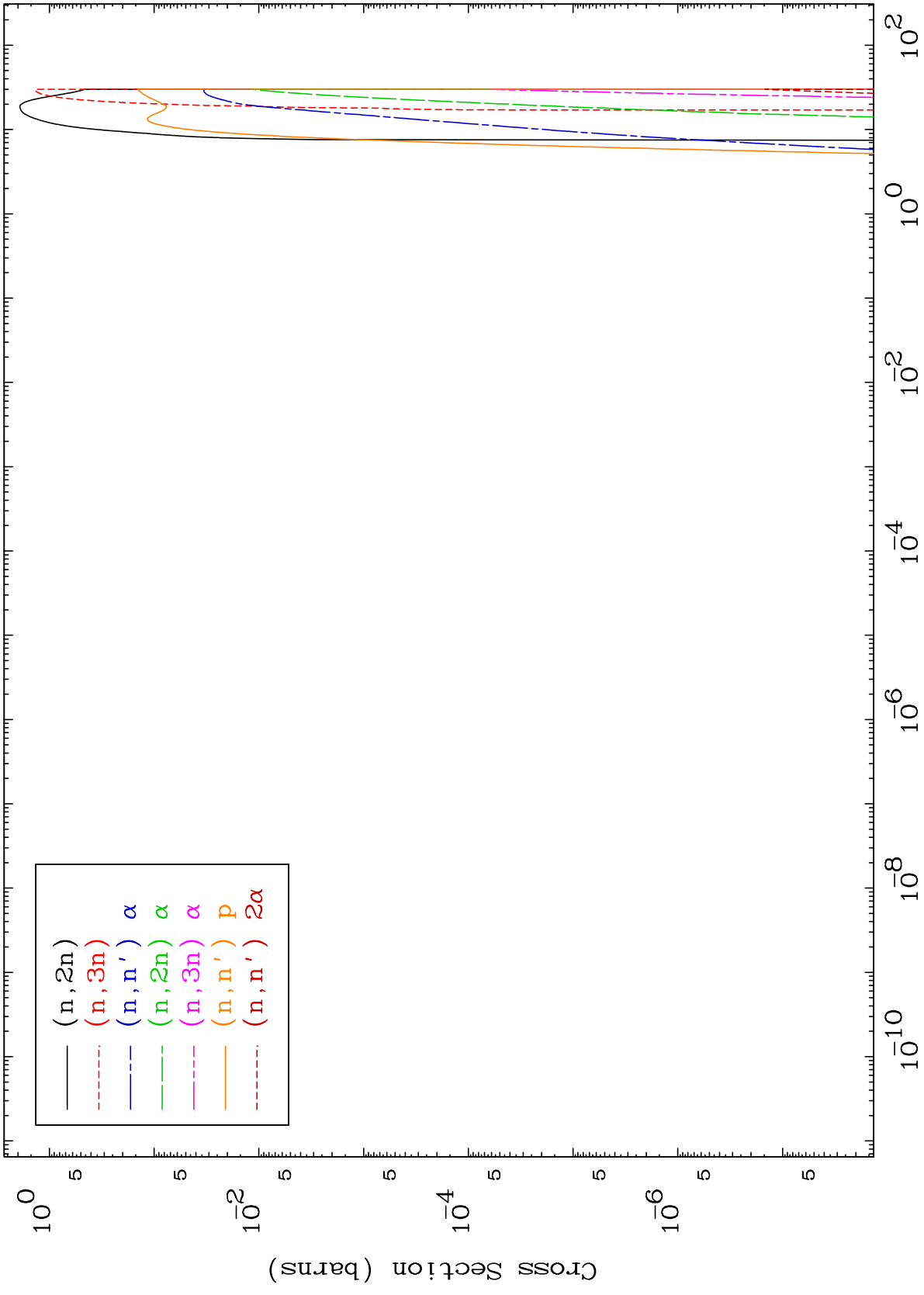
83-Bi-200



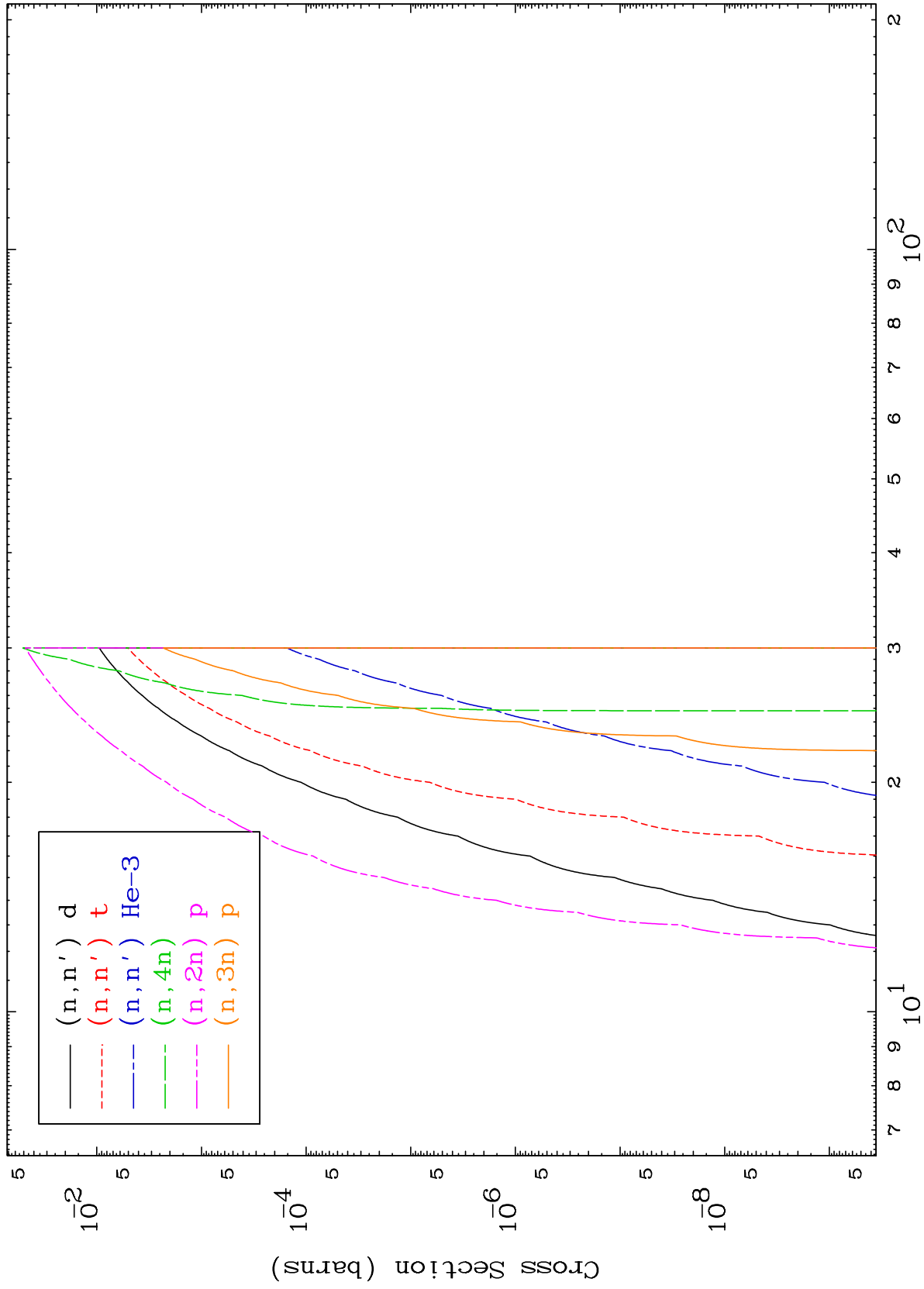
MAT 8299

Neutron Production
293 Kelvin Cross Sections

83-Bi-200



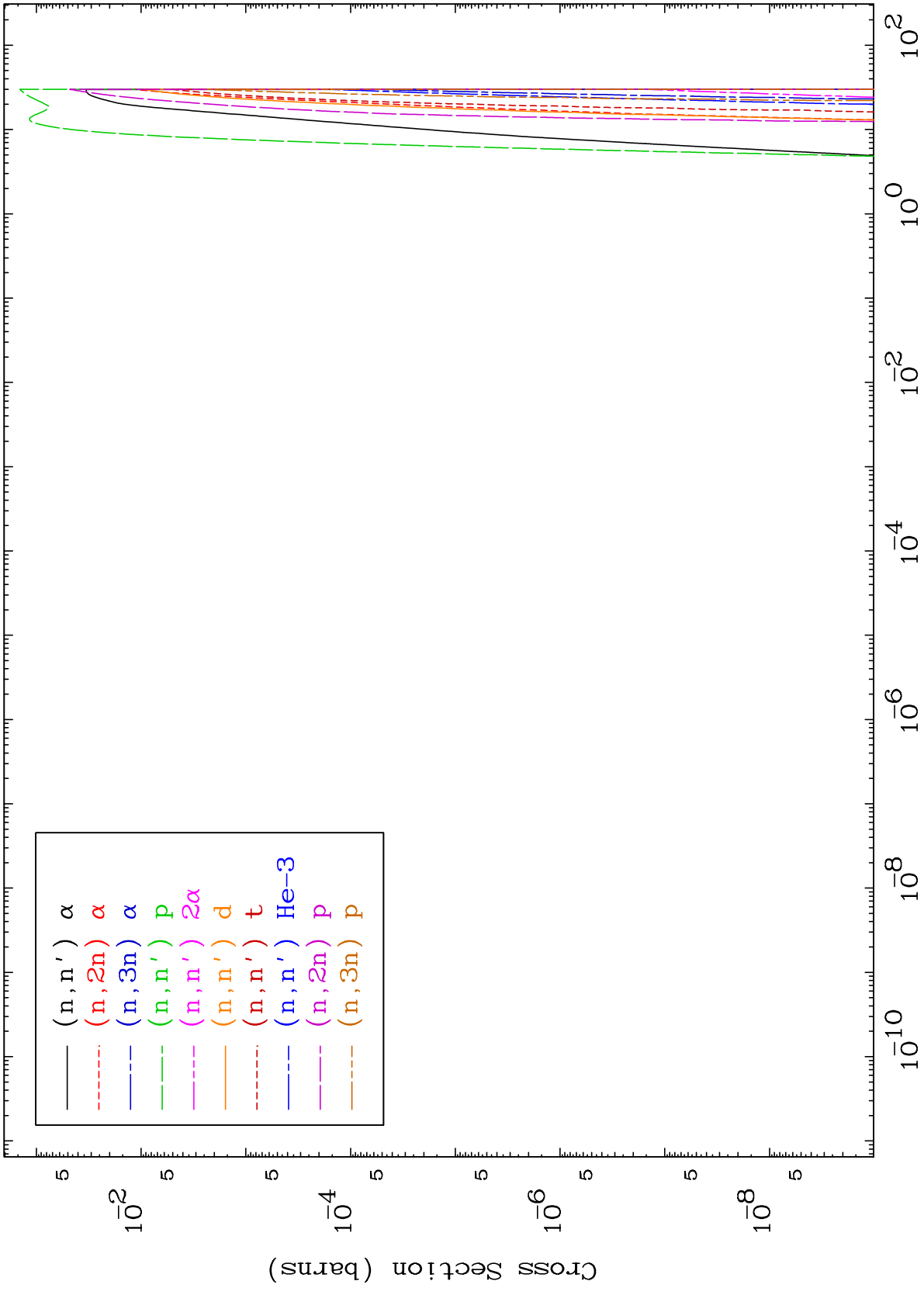
83-Bi-200



MAT 8299

Charged Particle
293 Kelvin Cross Sections

83-Bi-200

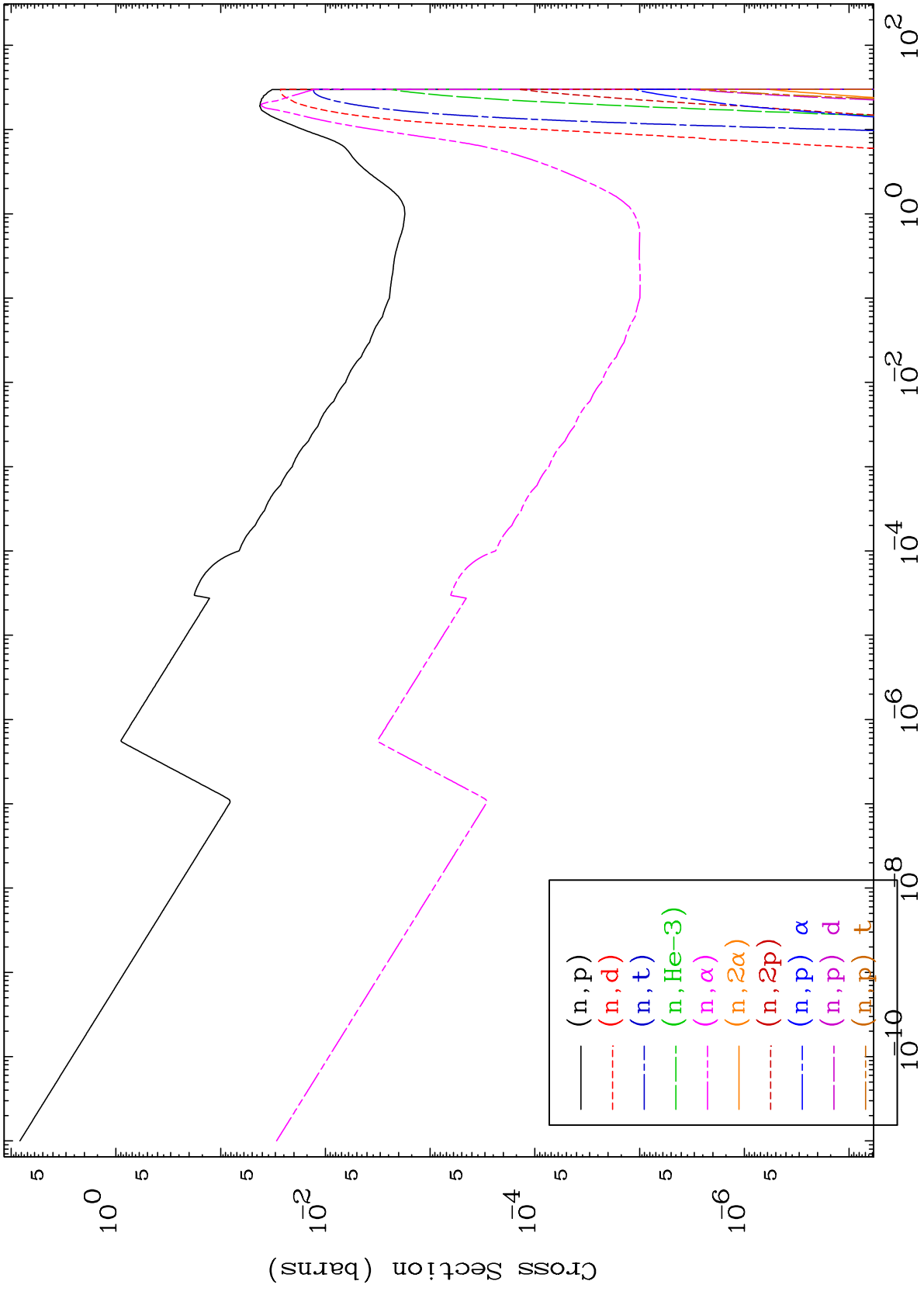


83-Bi-200

MAT 8299

Charged Particle
293 Kelvin Cross Sections

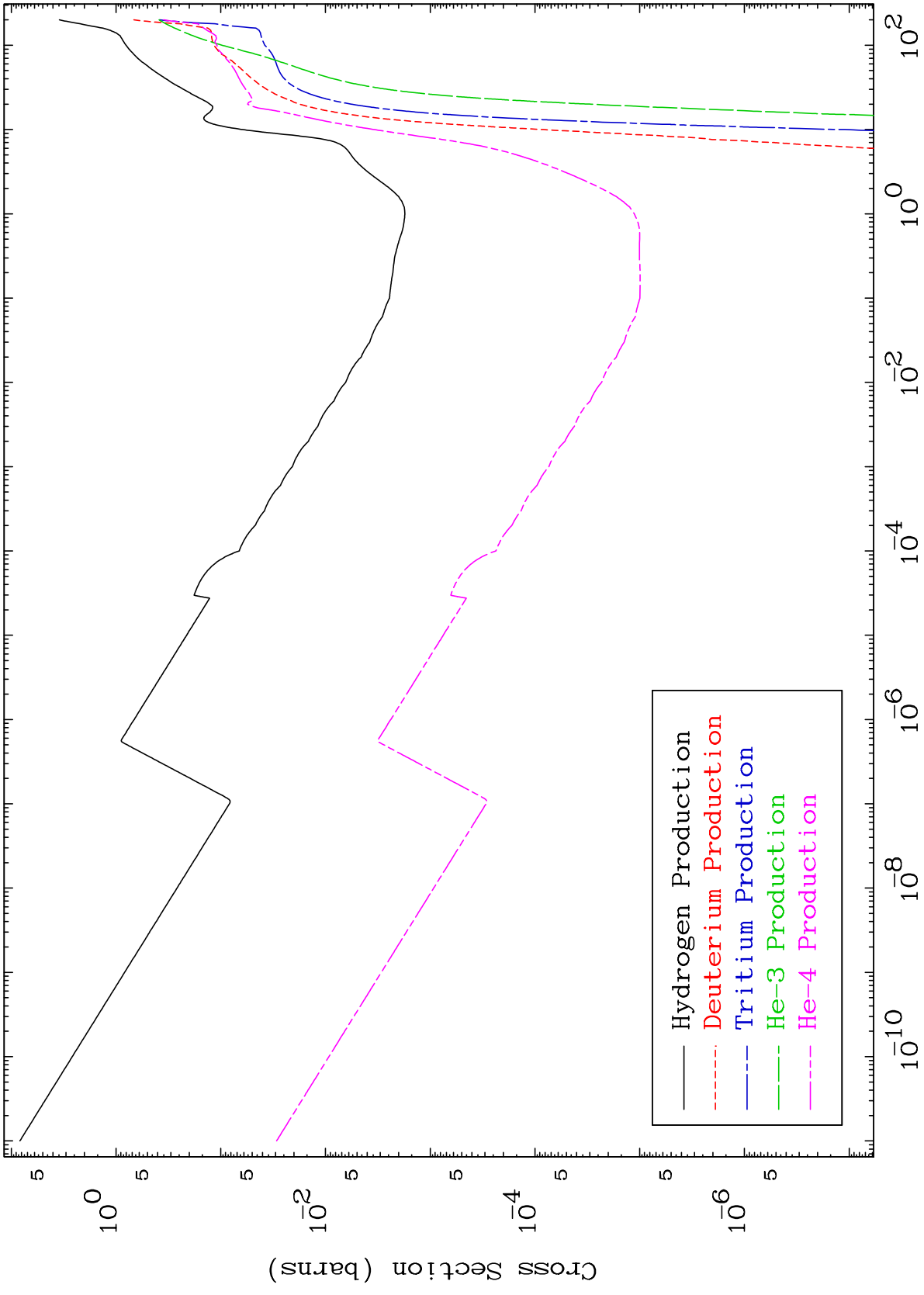
83-Bi-200



MAT 8299

Particle Production
293 Kelvin Cross Sections

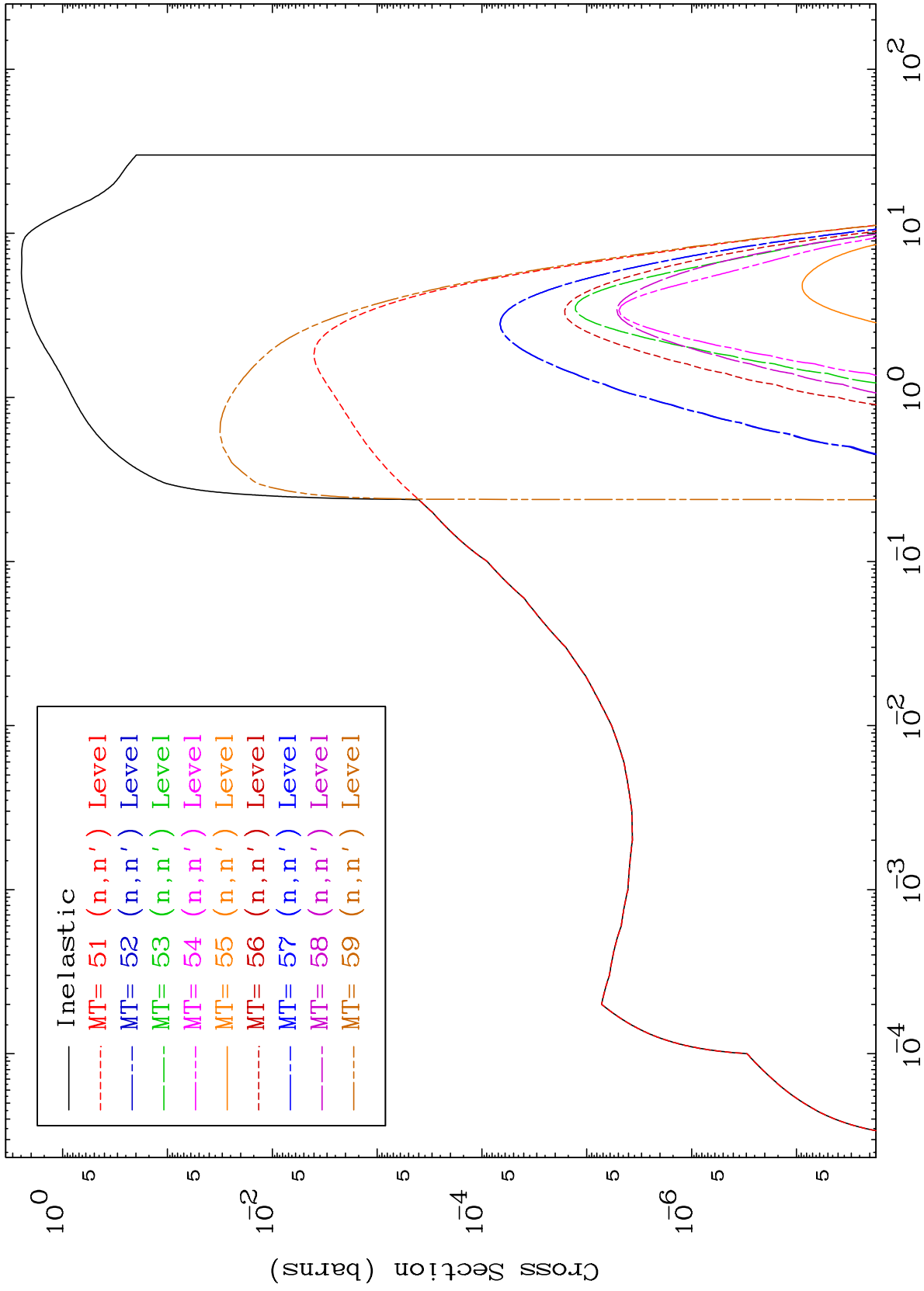
83-Bi-200



MAT 8299

293 Kelvin Cross Sections

83-Bi-200



7

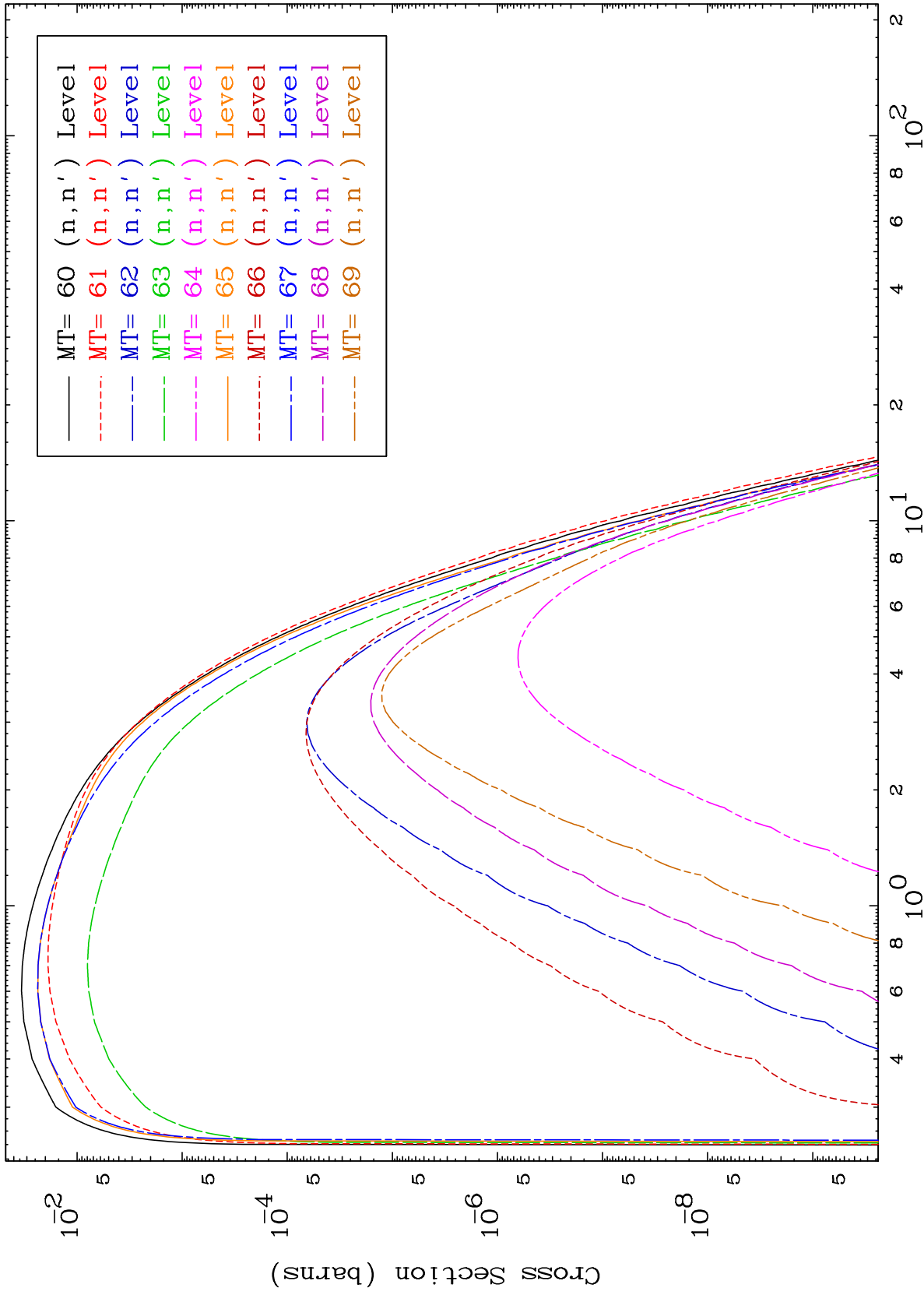
83-Bi-200

MAT 8299

(n,n') Level

83-Bi-200

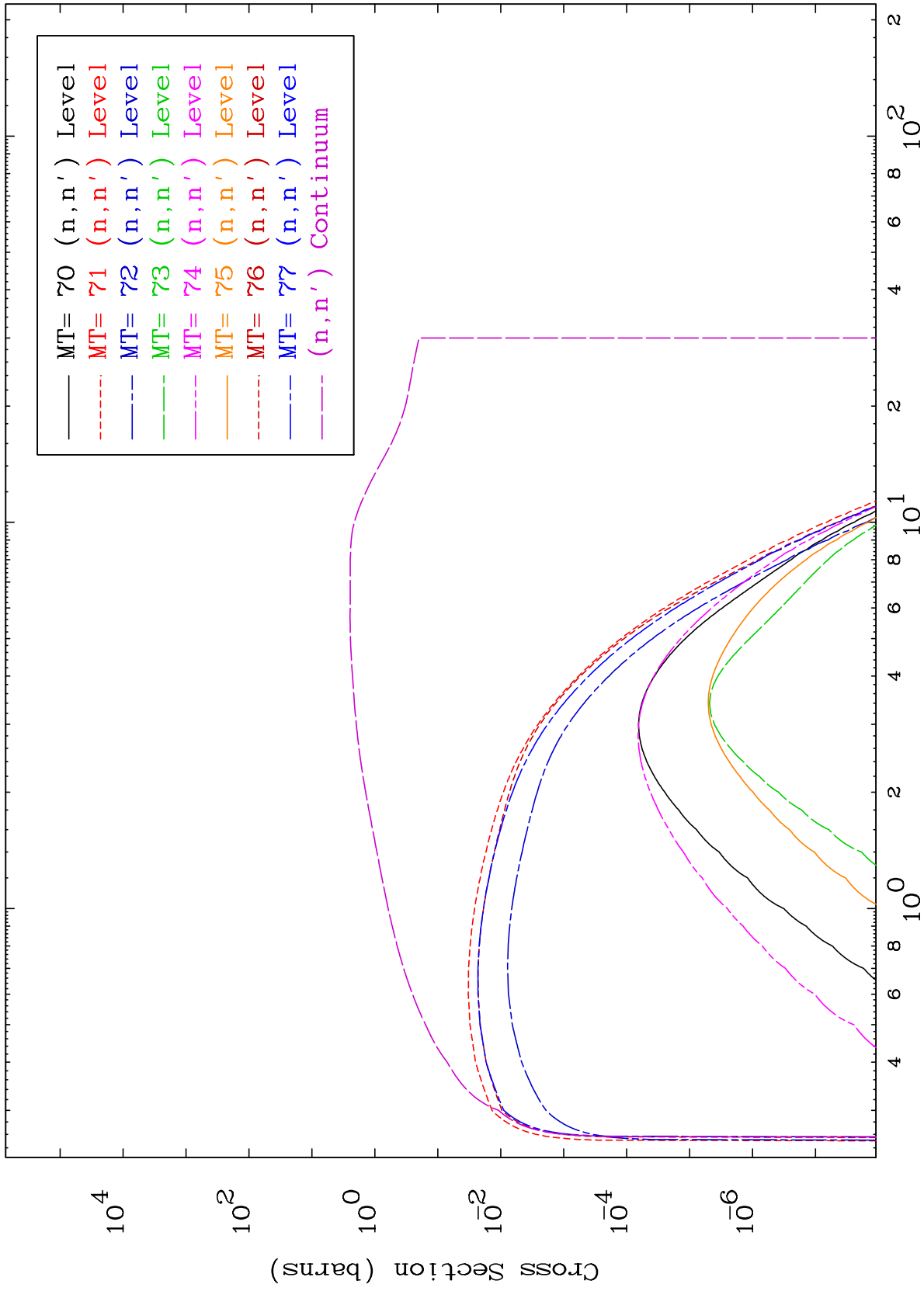
293 Kelvin Cross Sections



8

Incident Energy (MeV)

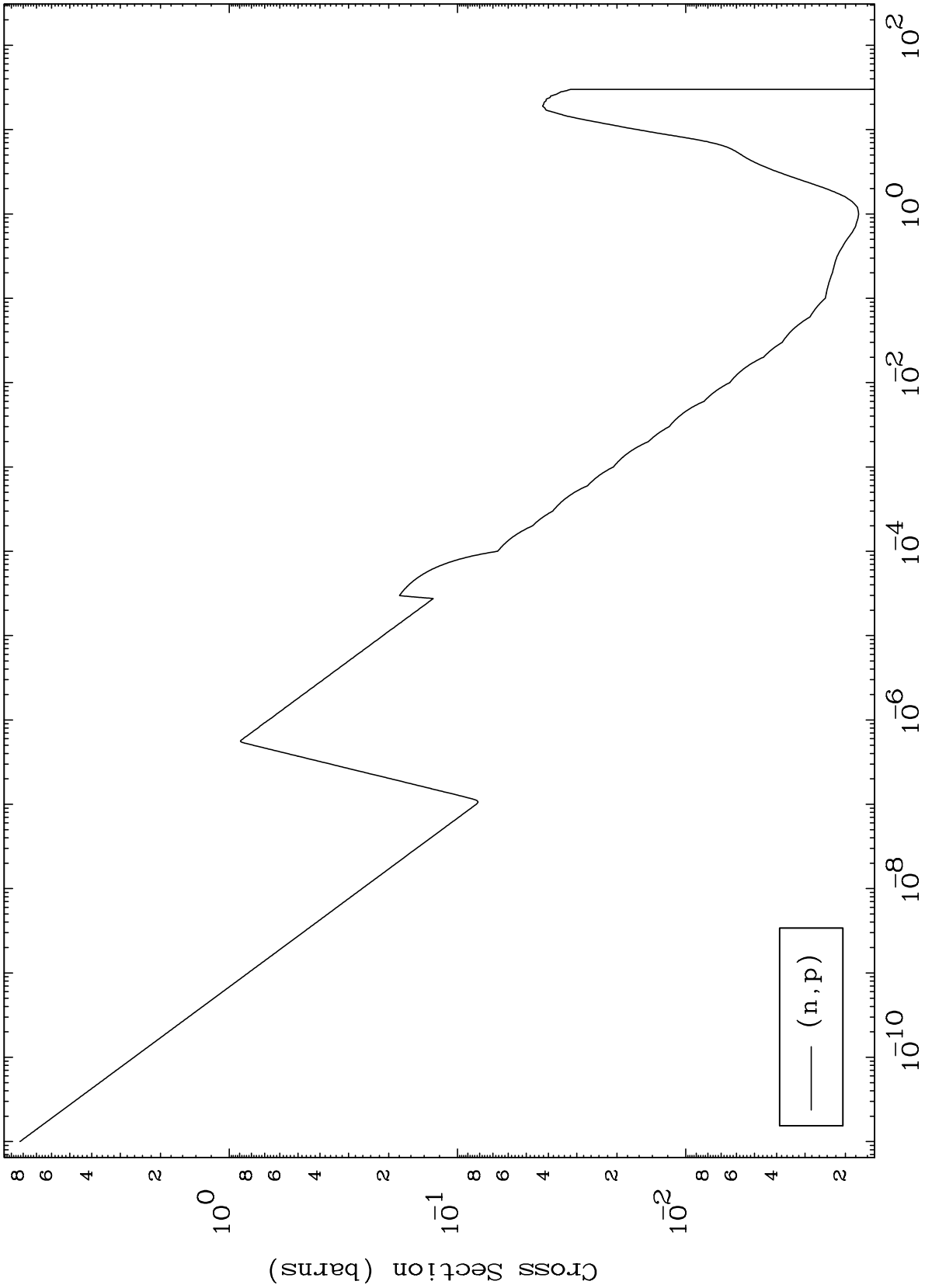
83-Bi-200



MAT 8299

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-200



10

Incident Energy (MeV)

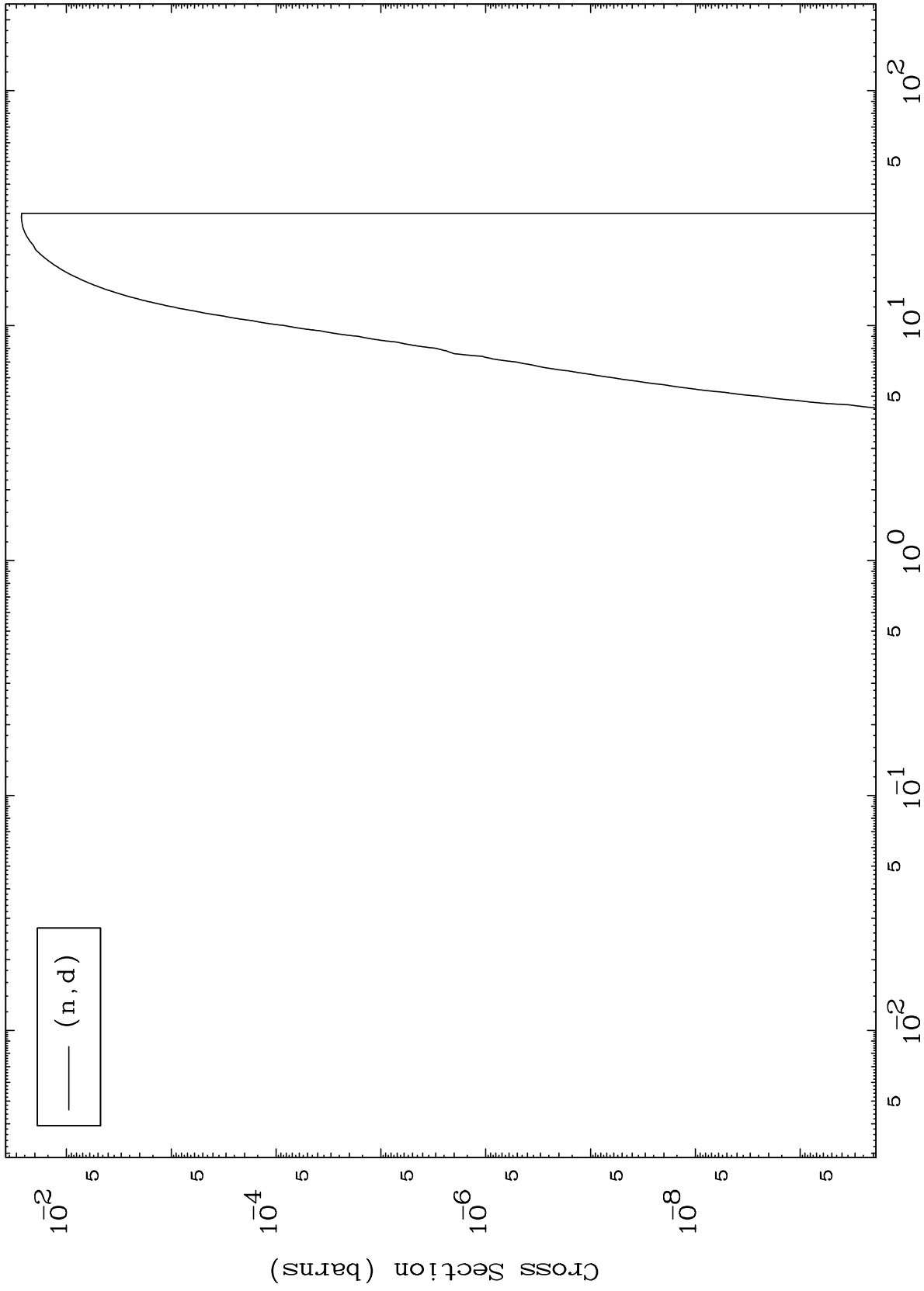
83-Bi-200

— (n, p)

MAT 8299

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-200

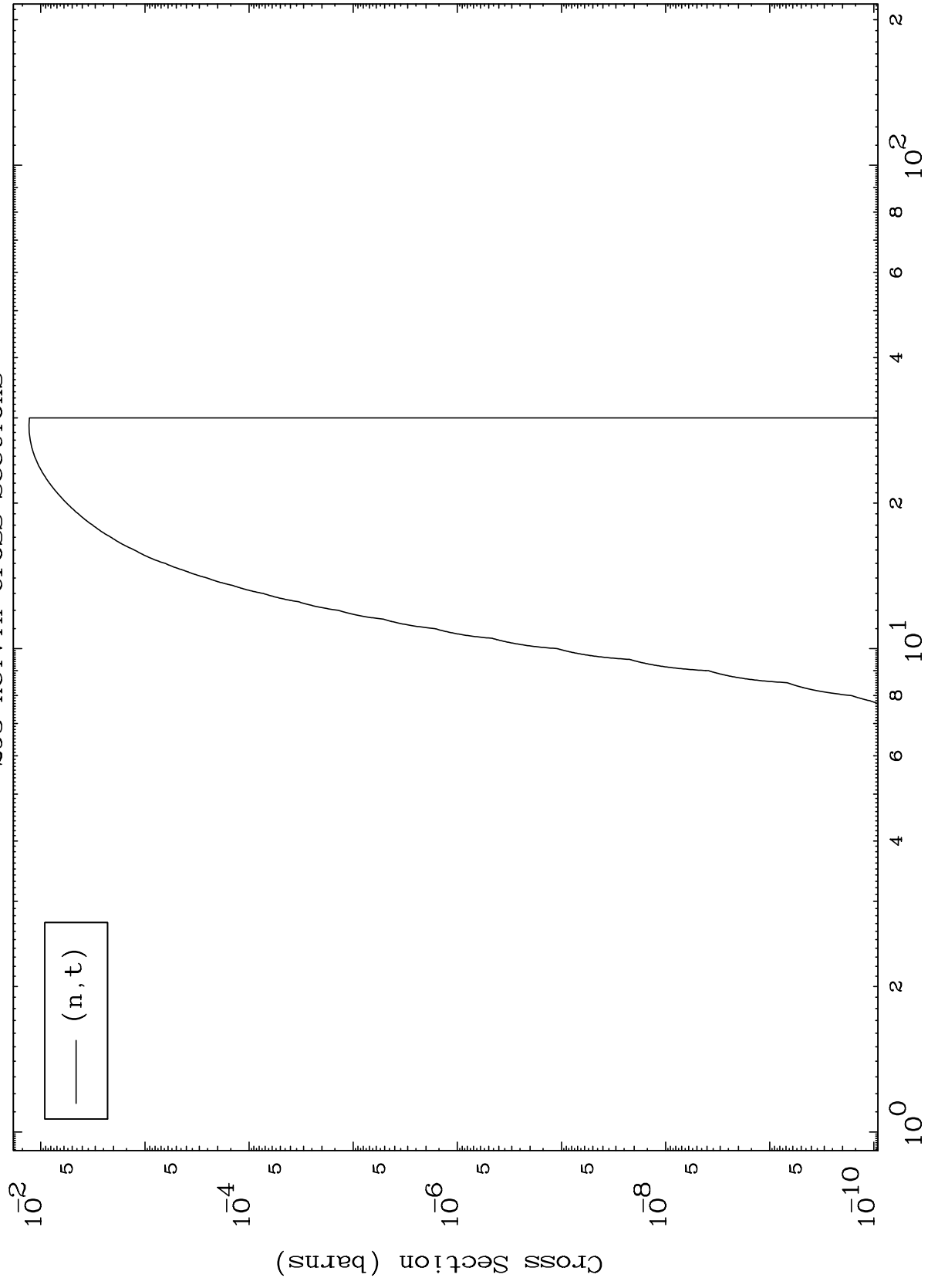


83-Bi-200

MAT 8299

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-200



(n,t)

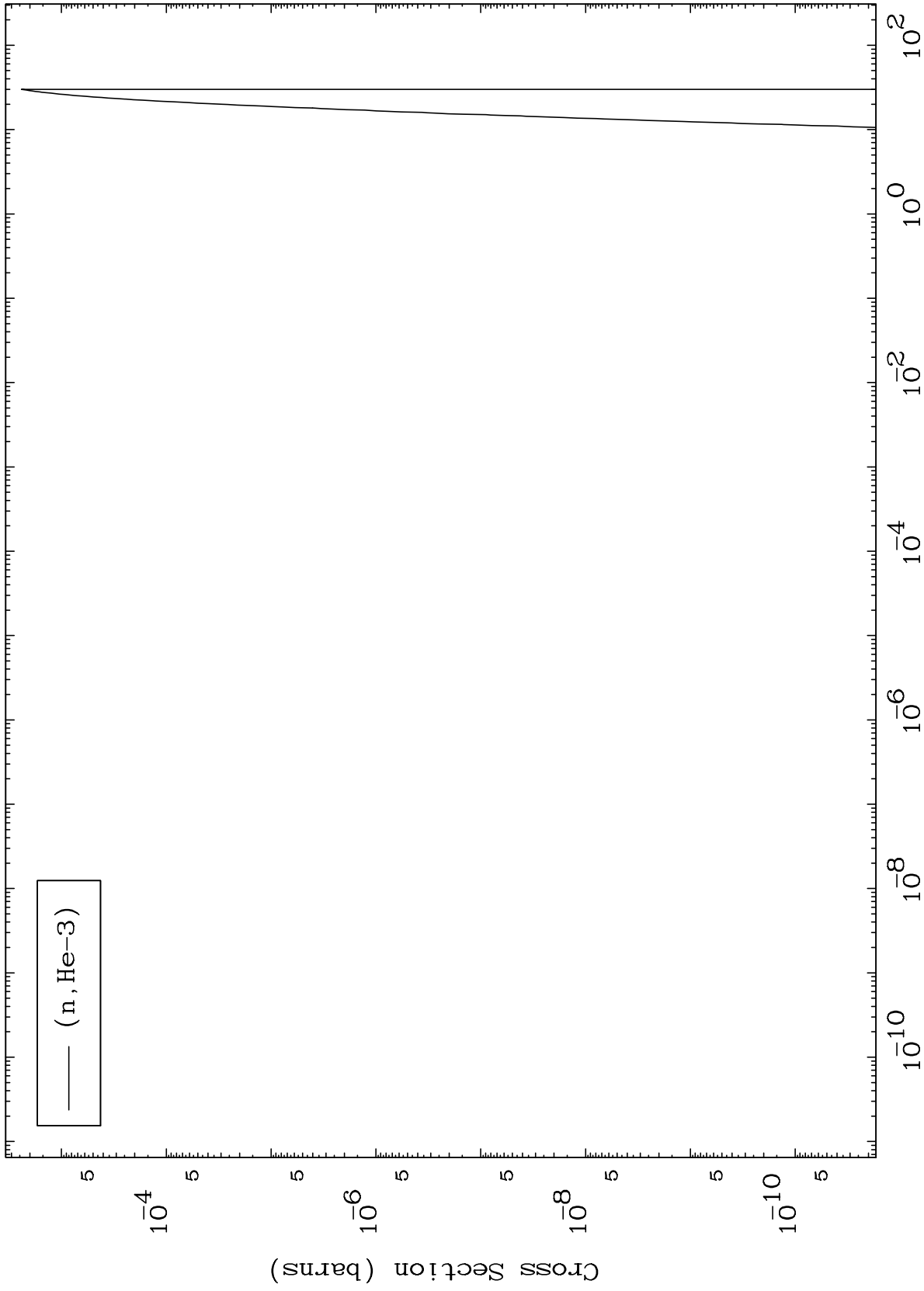
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-200



13

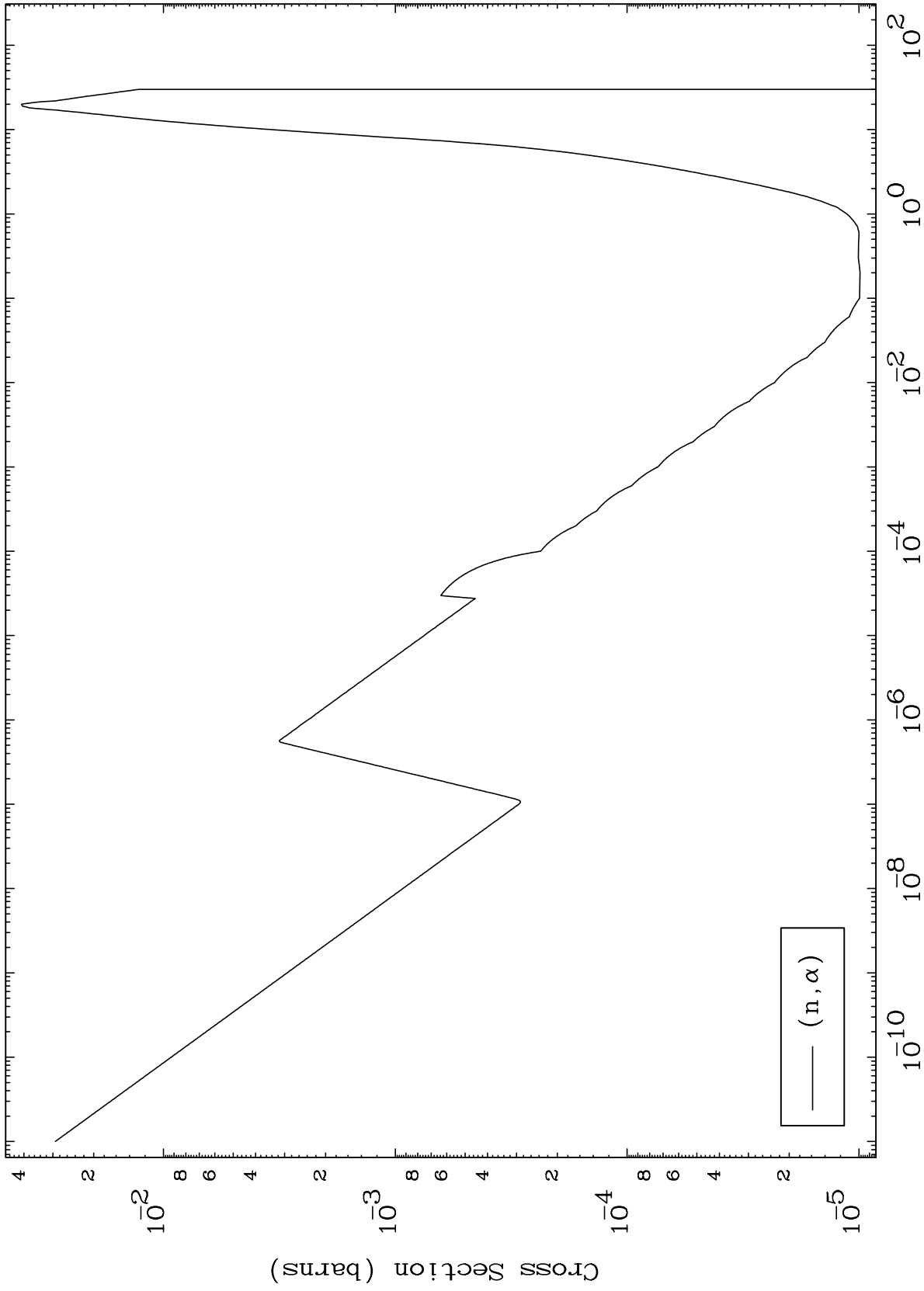
Incident Energy (MeV)

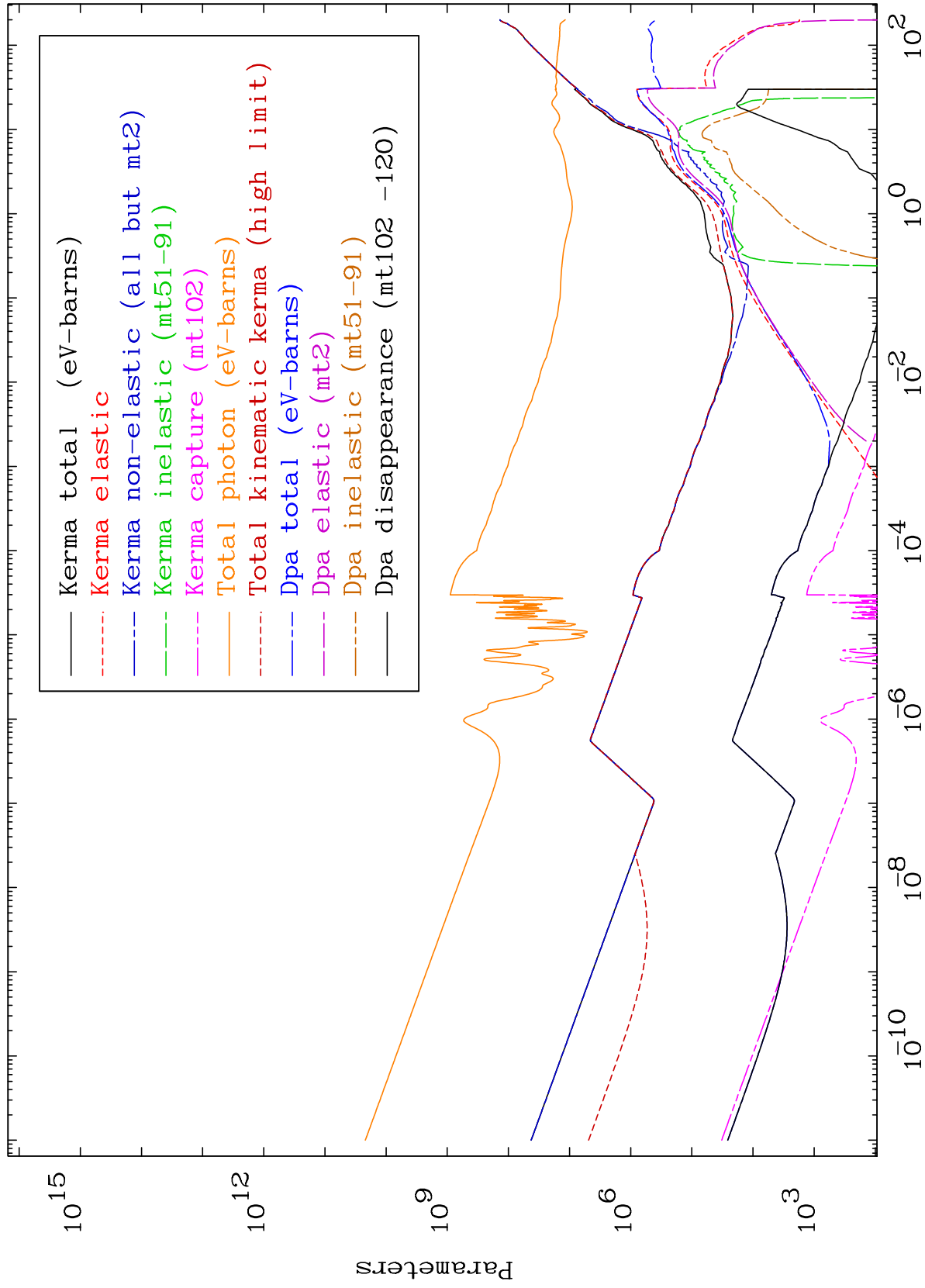
83-Bi-200

MAT 8299

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-200

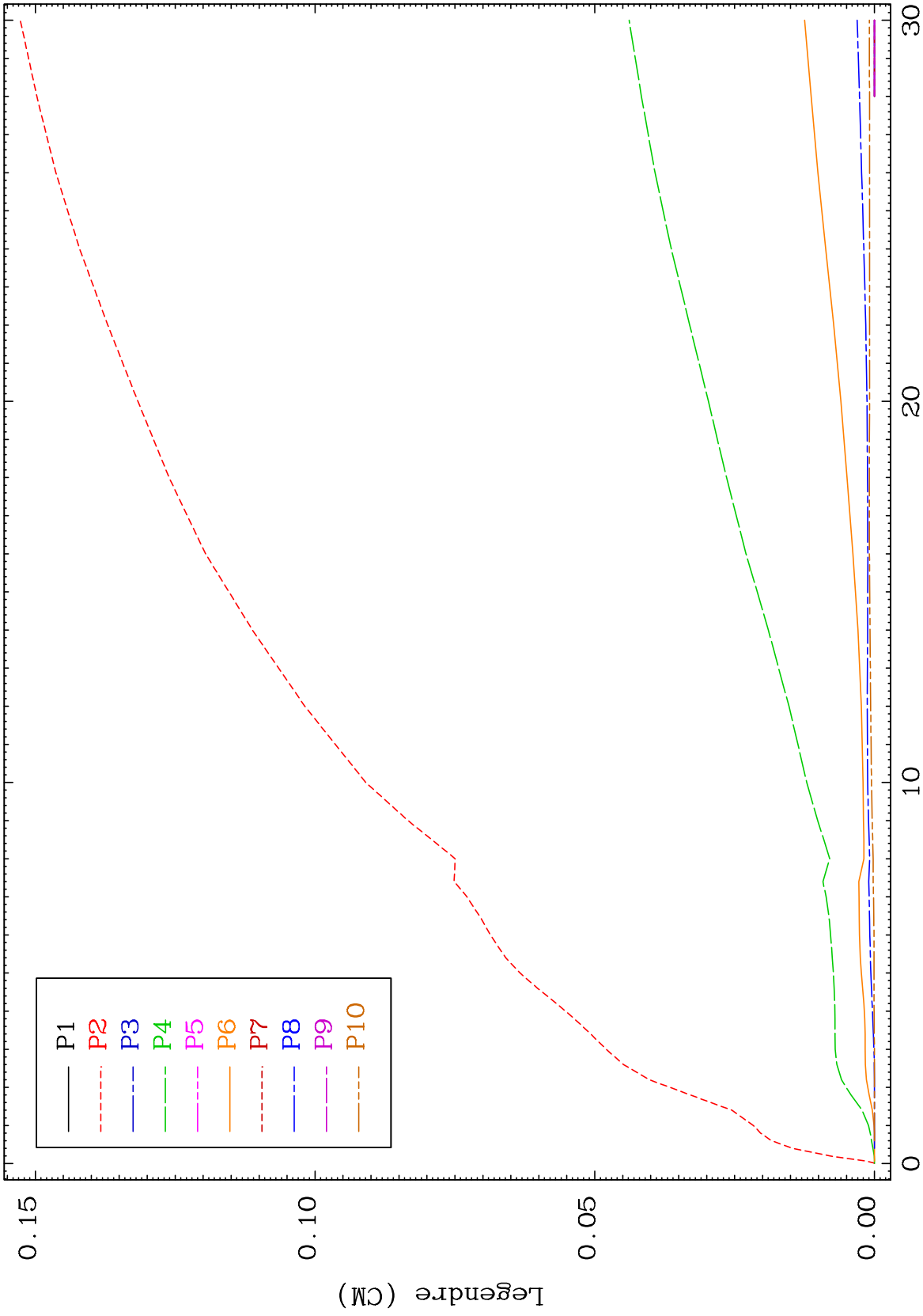




MAT 8299

Elastic Legendre Coefficients

83-Bi-200



16

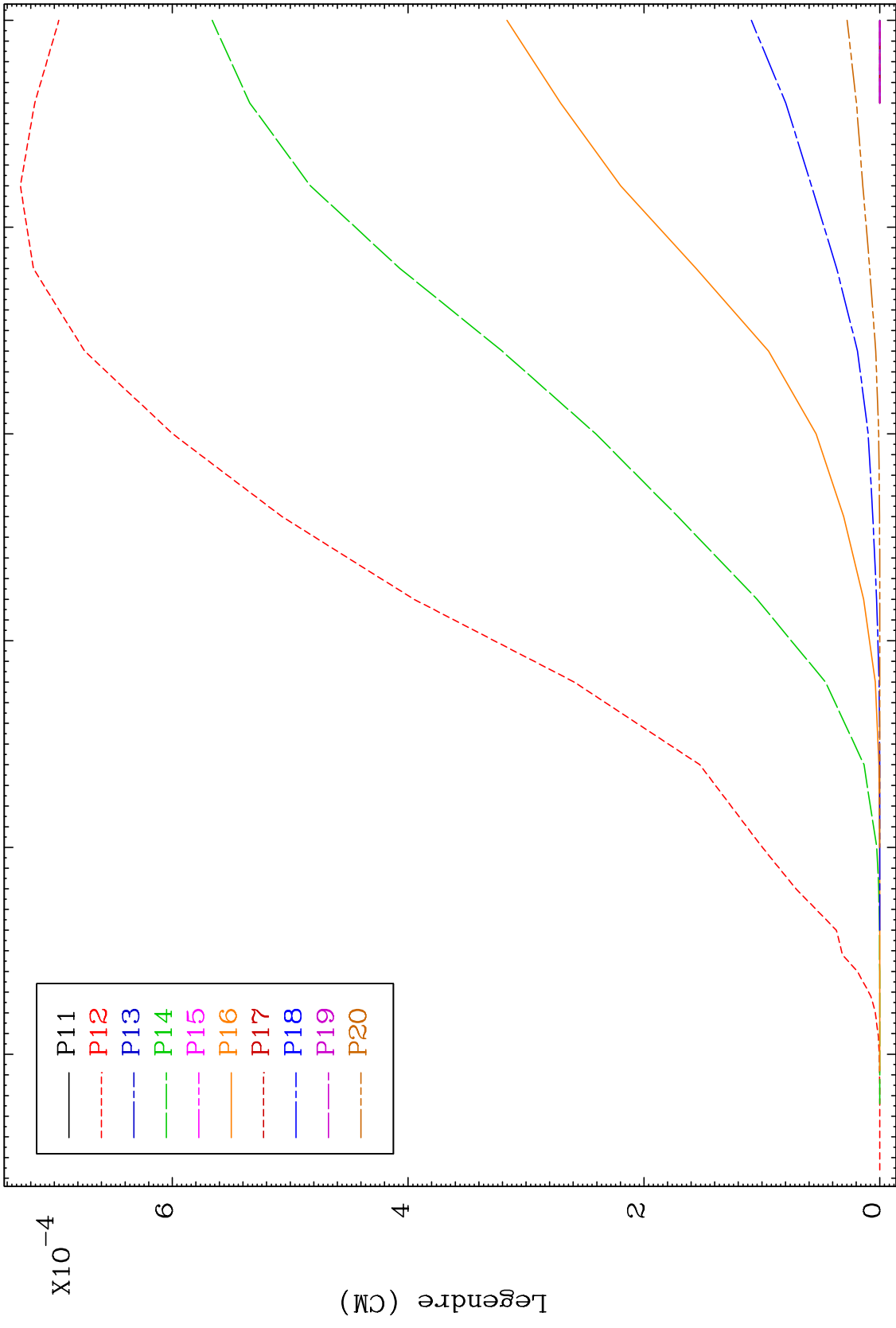
Incident Energy (MeV)

83-Bi-200

MAT 8299

Elastic Legendre Coefficients

83-Bi-200



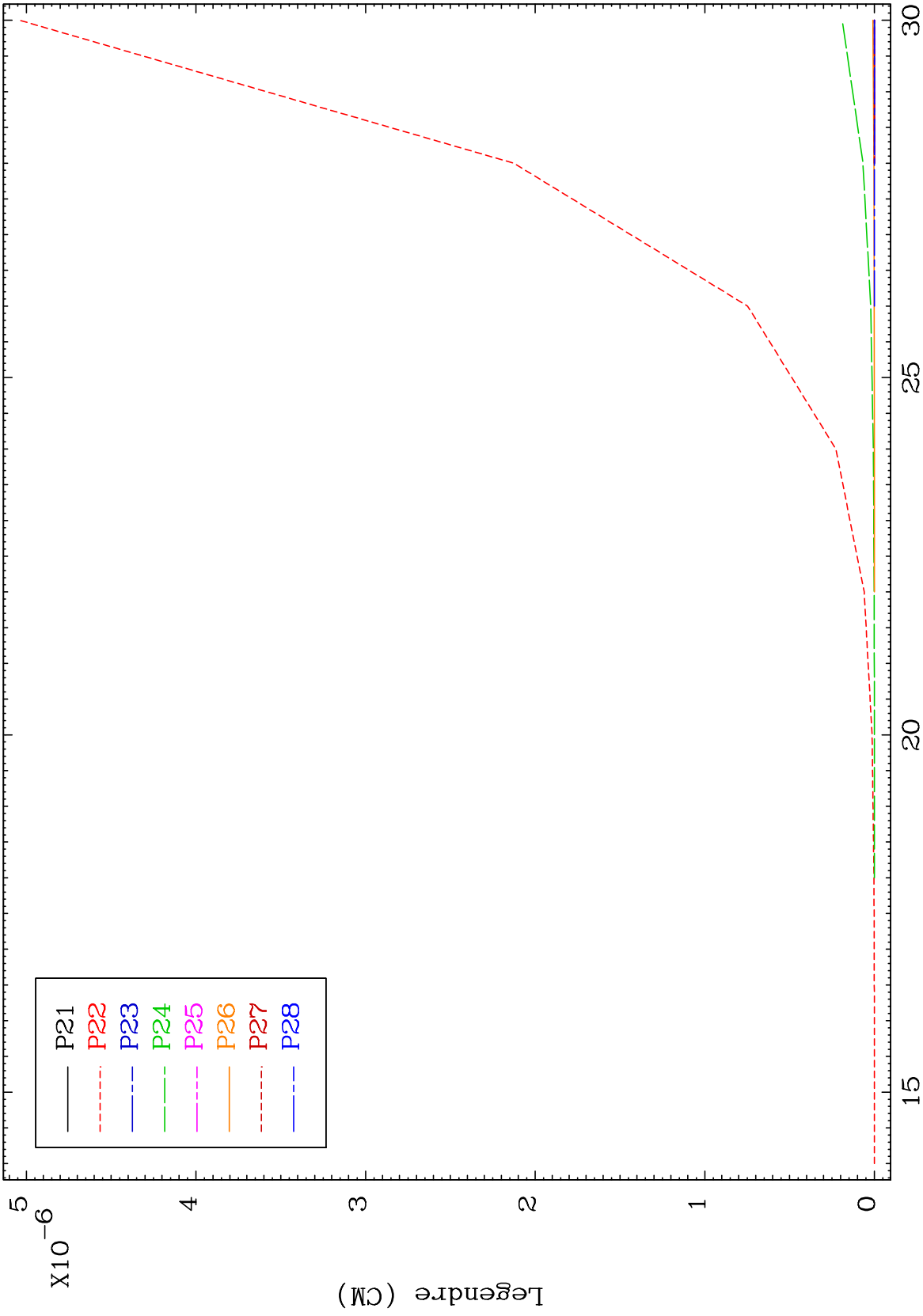
17

83-Bi-200

MAT 8299

Elastic Legendre Coefficients

83-Bi-200



18

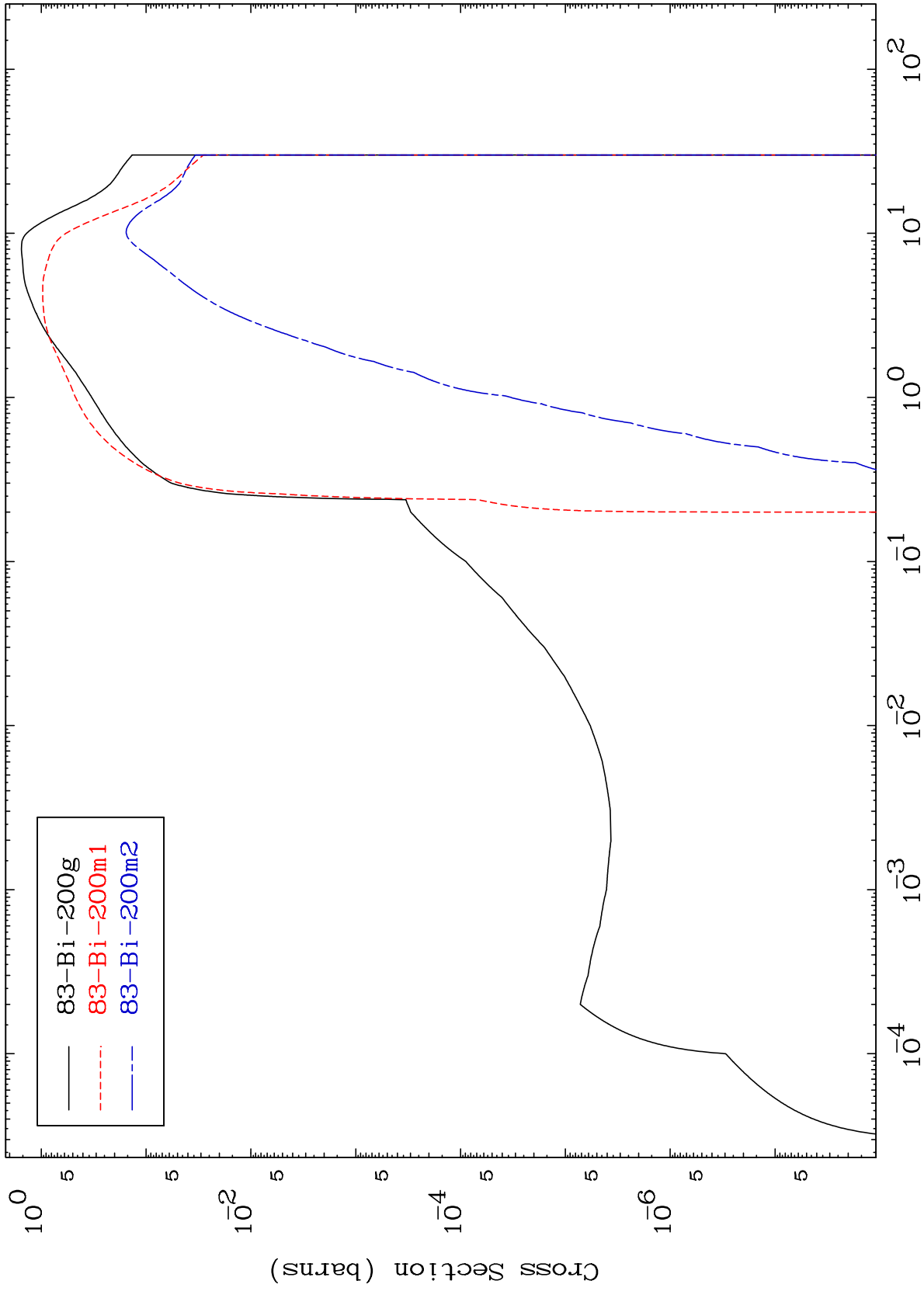
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

Inelastic
Radionuclide Production Cross Section



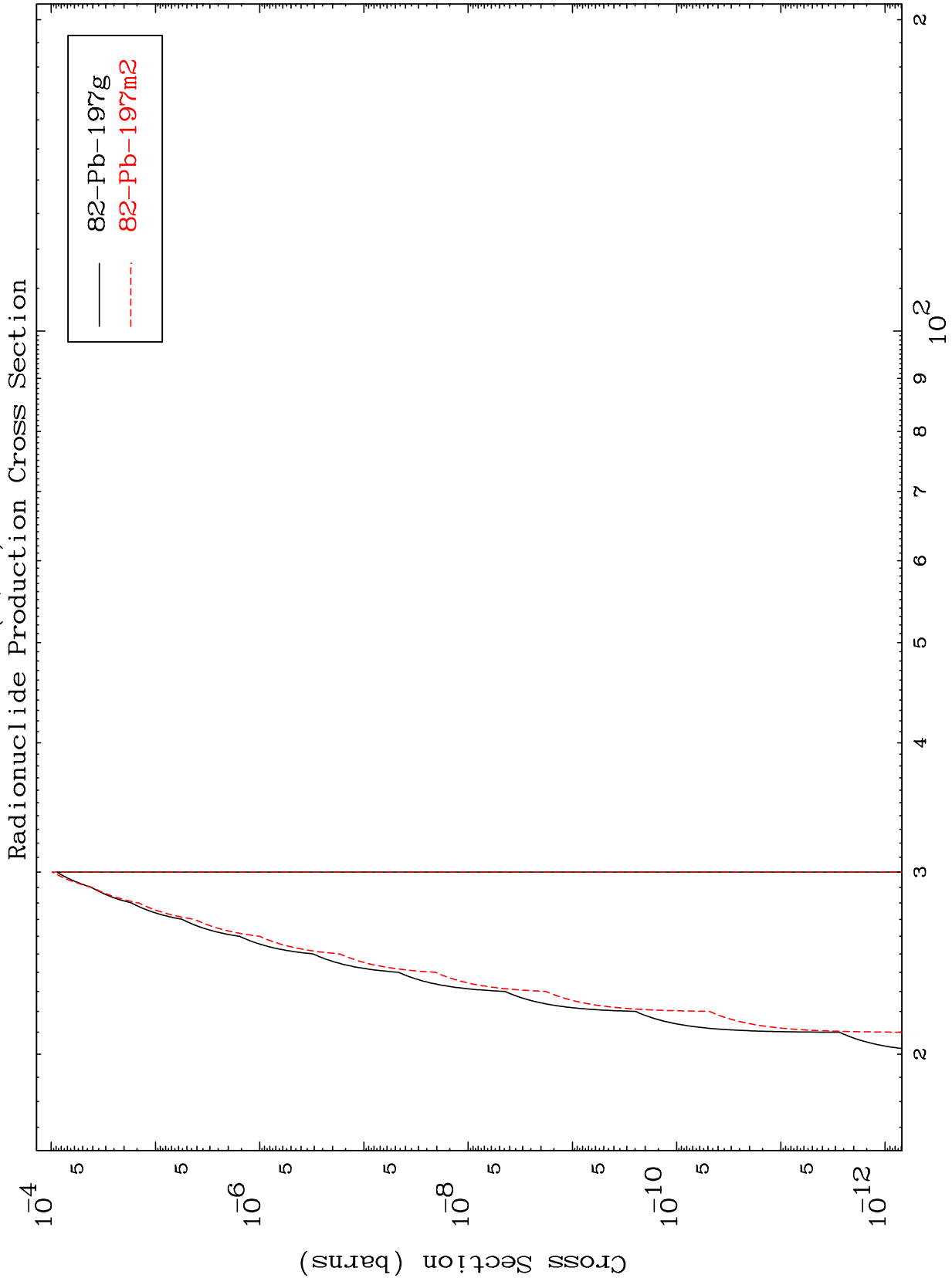
19

83-Bi-200

MAT 8299

(n,2n) d

83-Bi-200



20

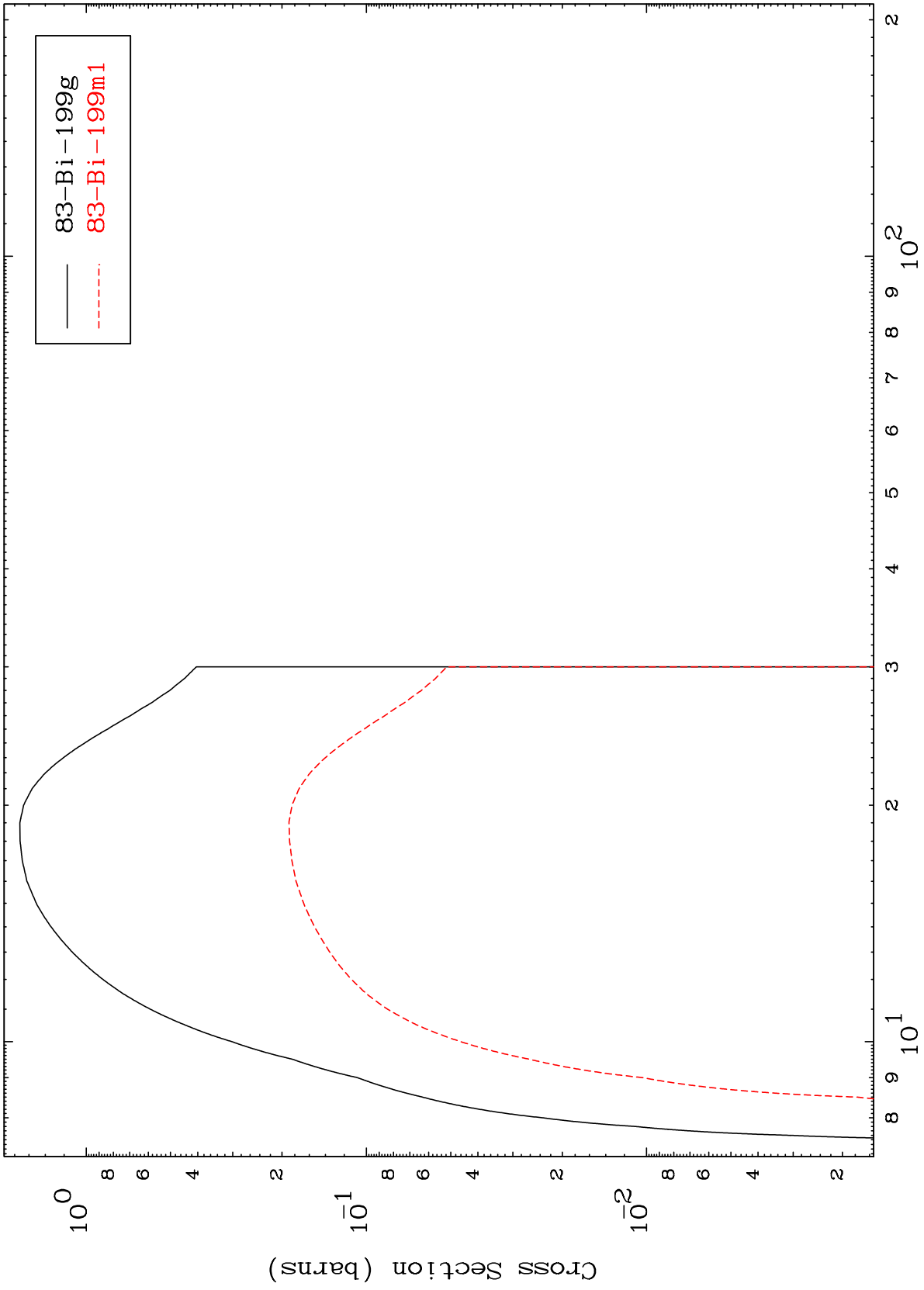
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

(n,2n)
Radionuclide Production Cross Section



21

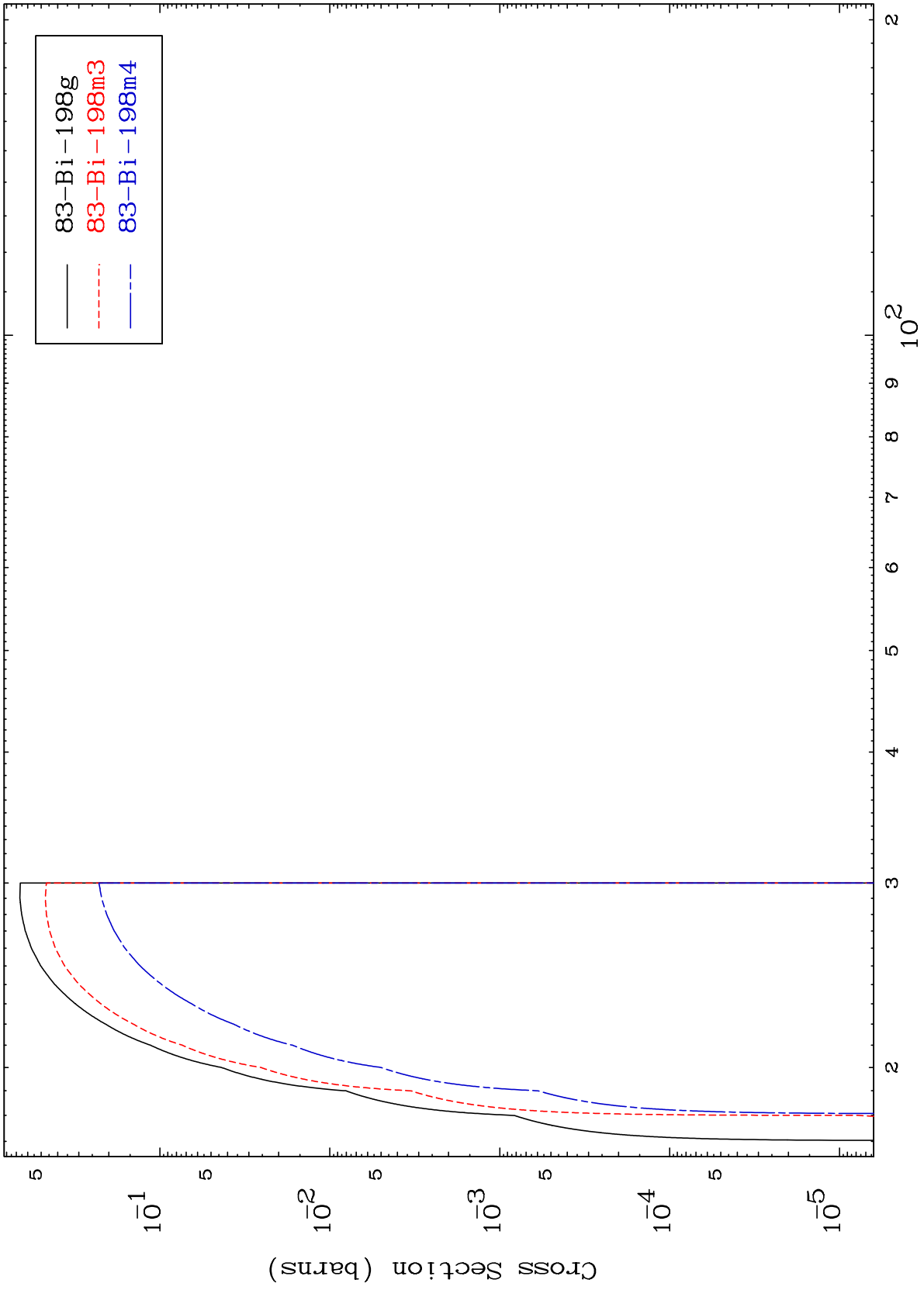
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

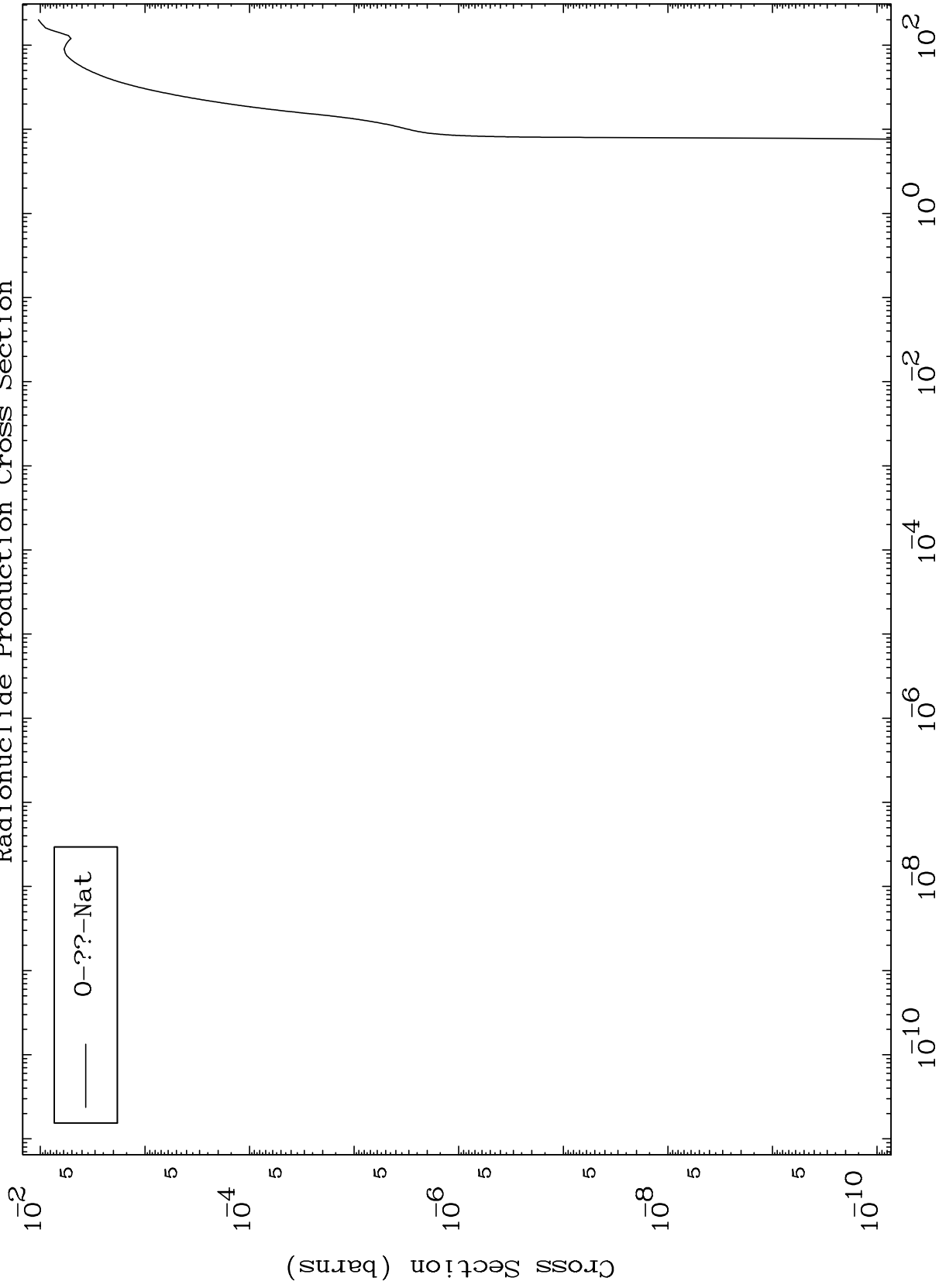
83-Bi-200

MAT 8299

Fission

83-Bi-200

Radionuclide Production Cross Section



23

Incident Energy (MeV)

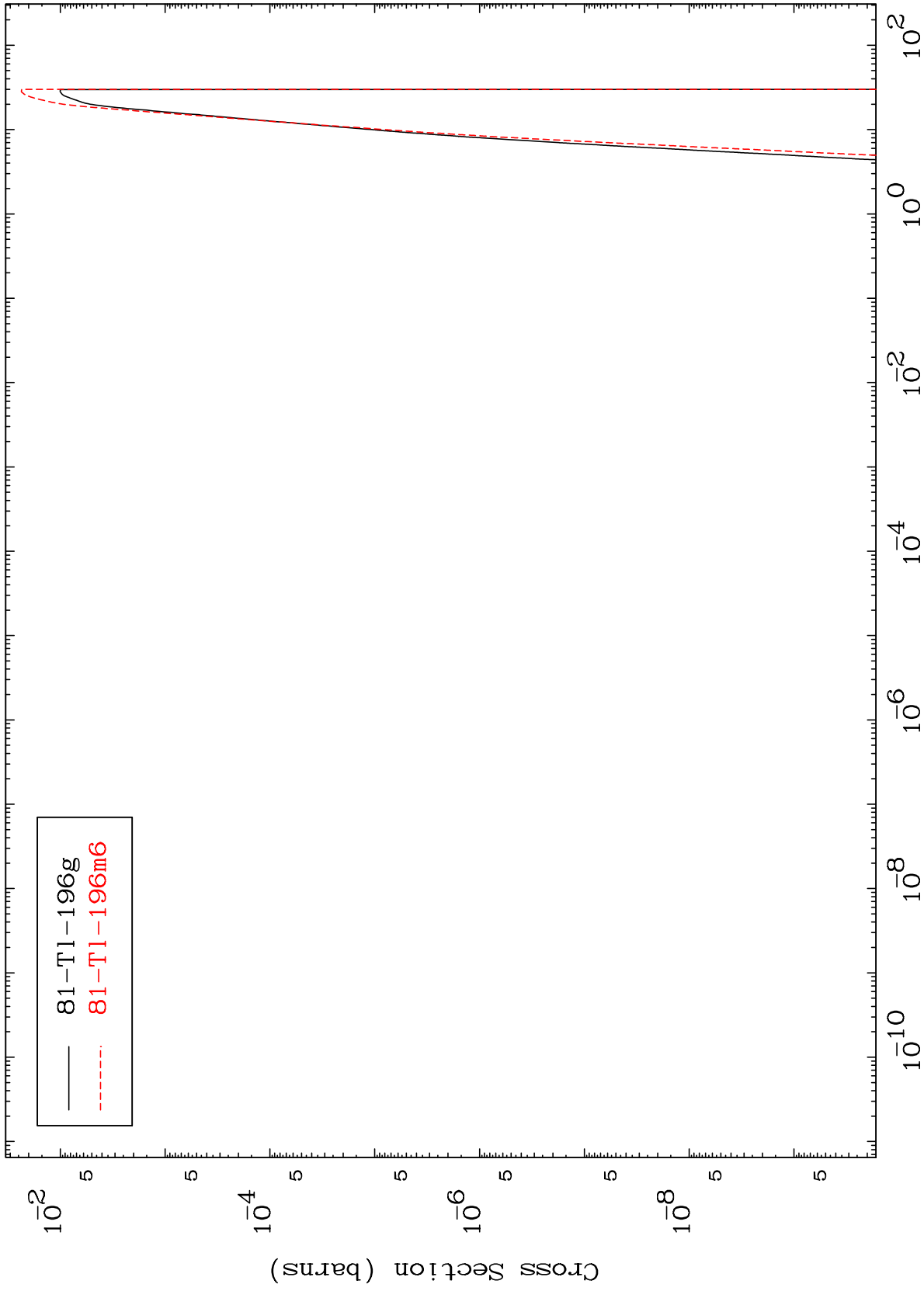
83-Bi-200

MAT 8299

(n,n') α

83-Bi-200

Radionuclide Production Cross Section



24

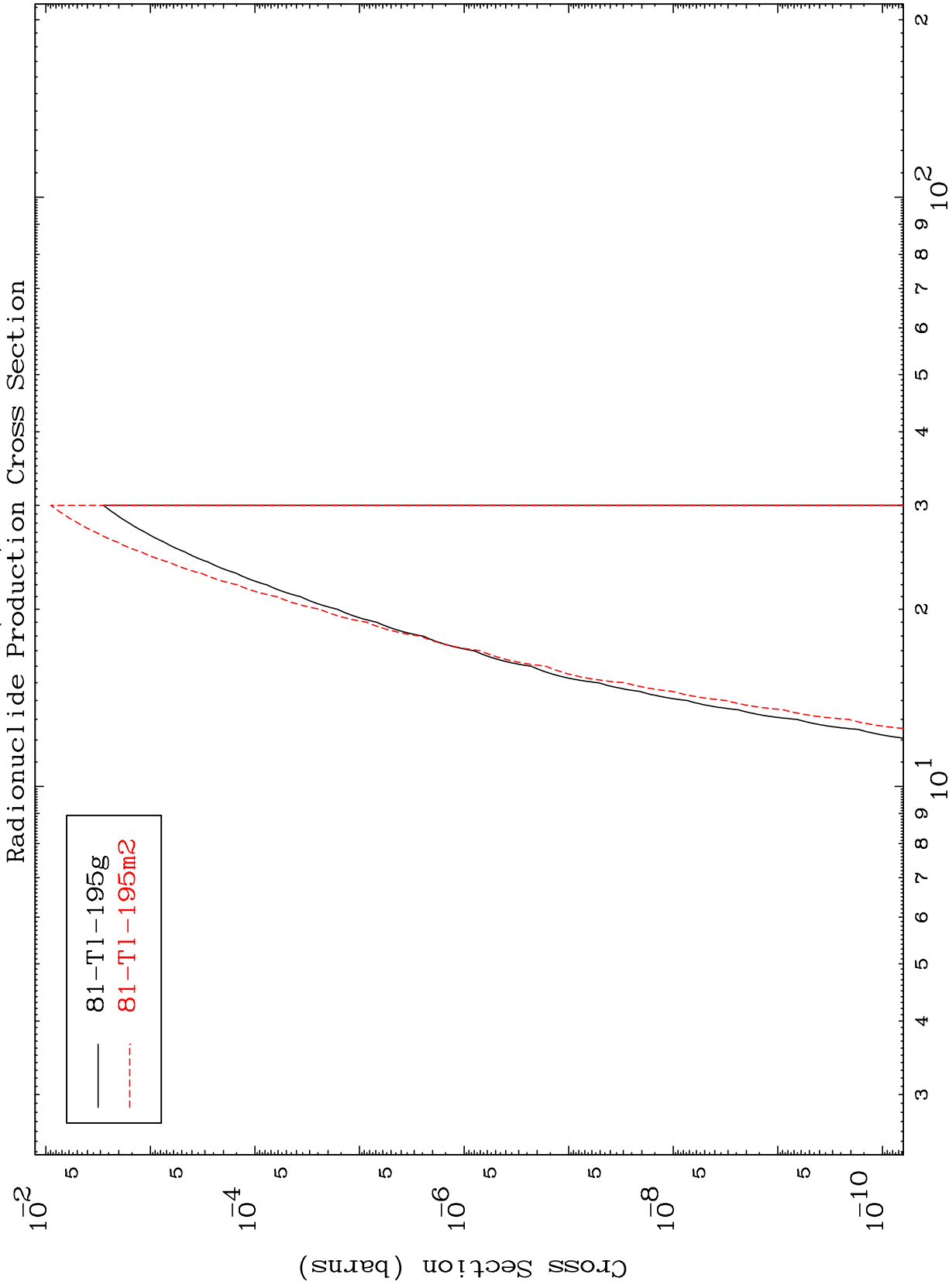
Incident Energy (MeV)

83-Bi-200

MAT 8299

(n,2n) α

83-Bi-200



25

Incident Energy (MeV)

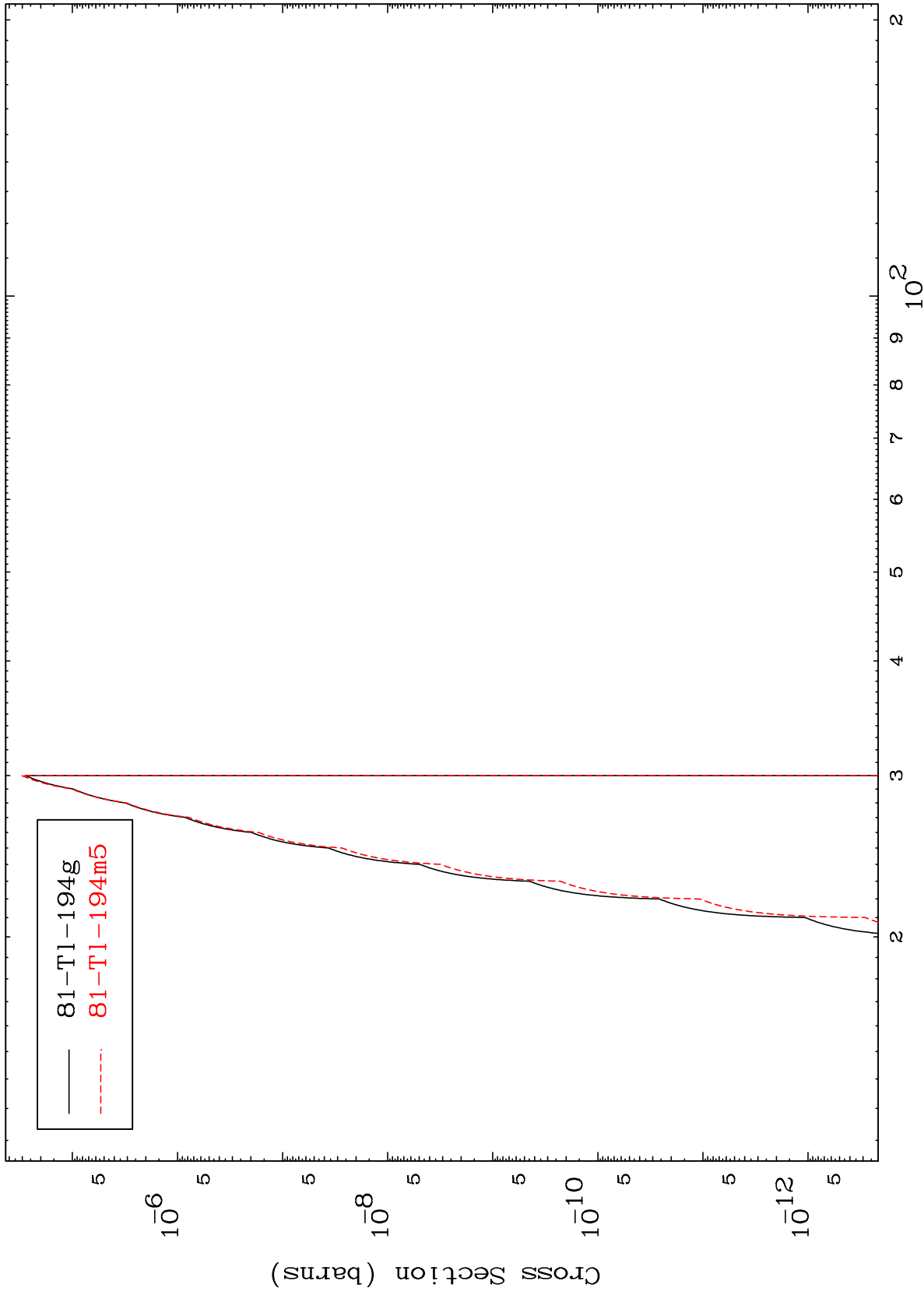
83-Bi-200

MAT 8299

(n,3n) α

83-Bi-200

Radionuclide Production Cross Section



26

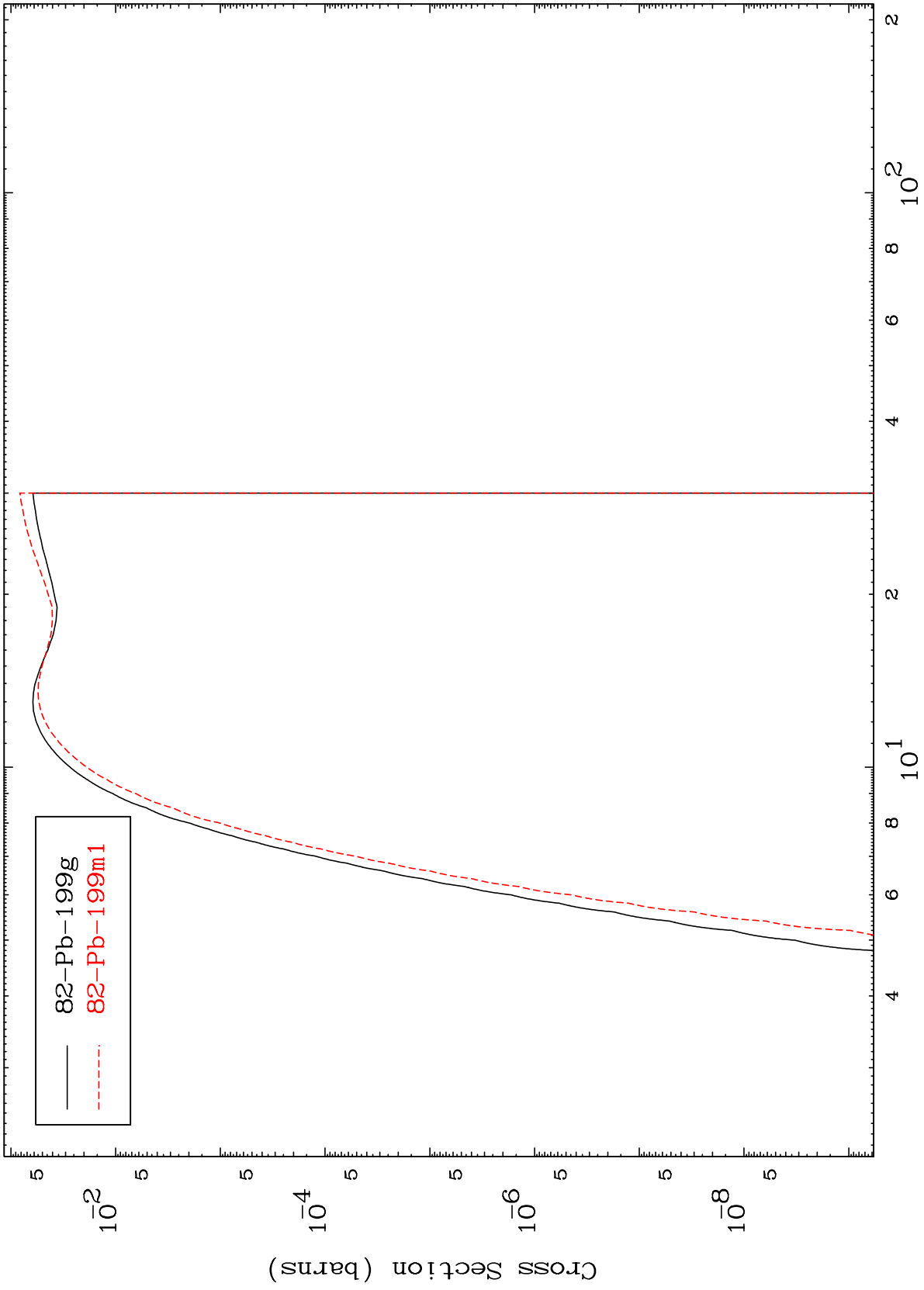
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

(n,n') p
Radionuclide Production Cross Section



27

Incident Energy (MeV)

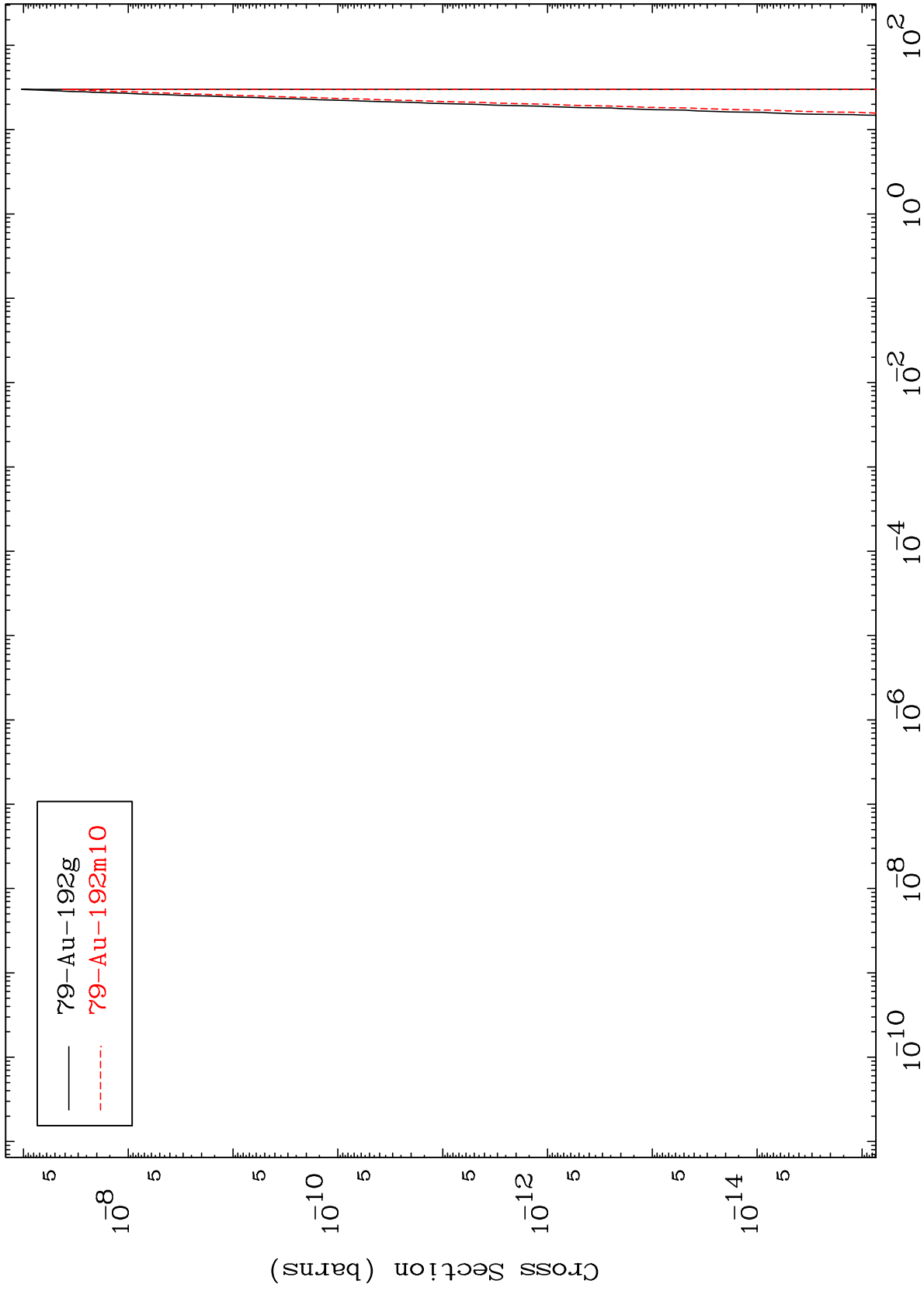
83-Bi-200

MAT 8299

(n,n') 2 α

83-Bi-200

Radionuclide Production Cross Section



28

Incident Energy (MeV)

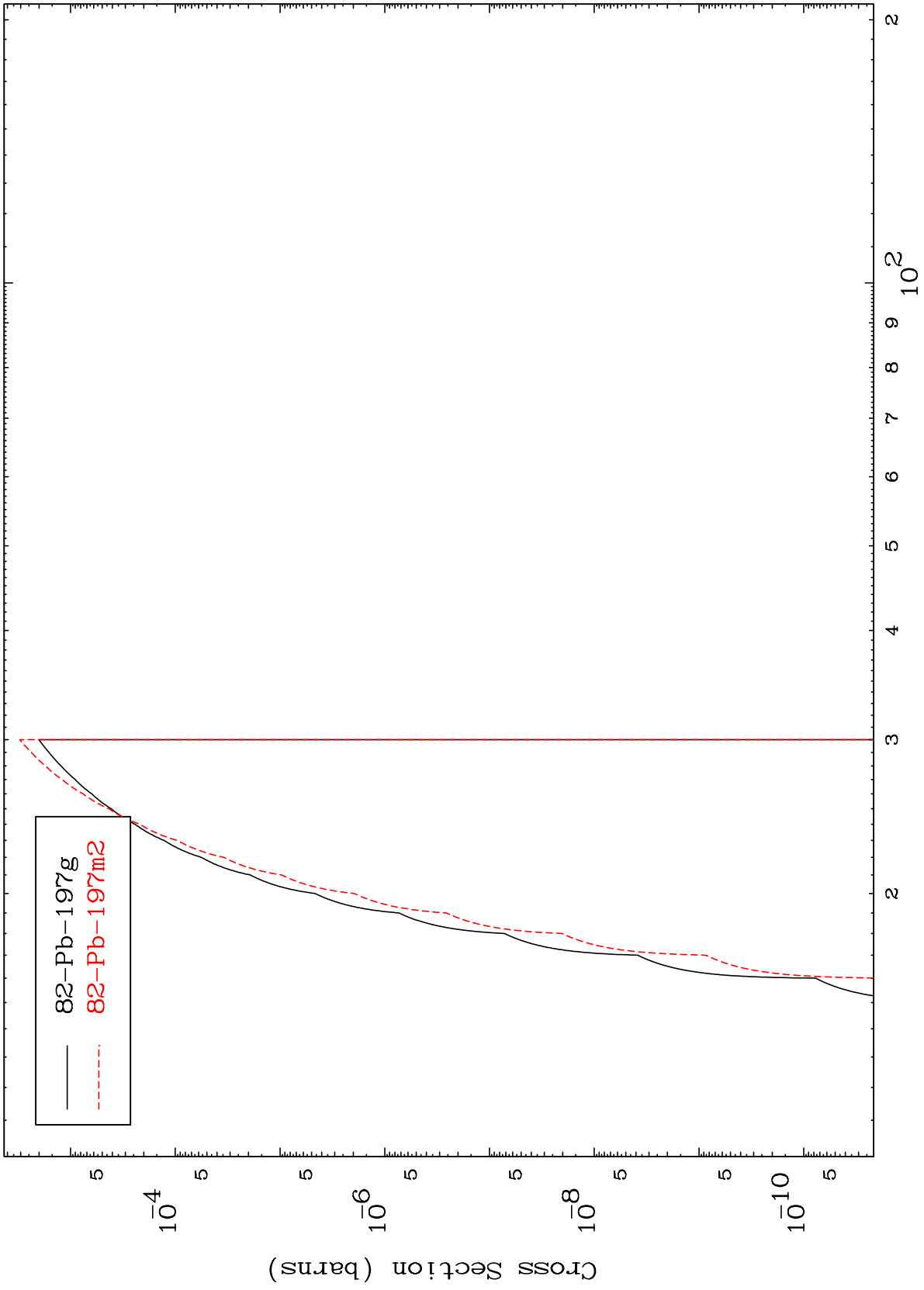
83-Bi-200

MAT 8299

(n,n') t

83-Bi-200

Radionuclide Production Cross Section



29

Incident Energy (MeV)

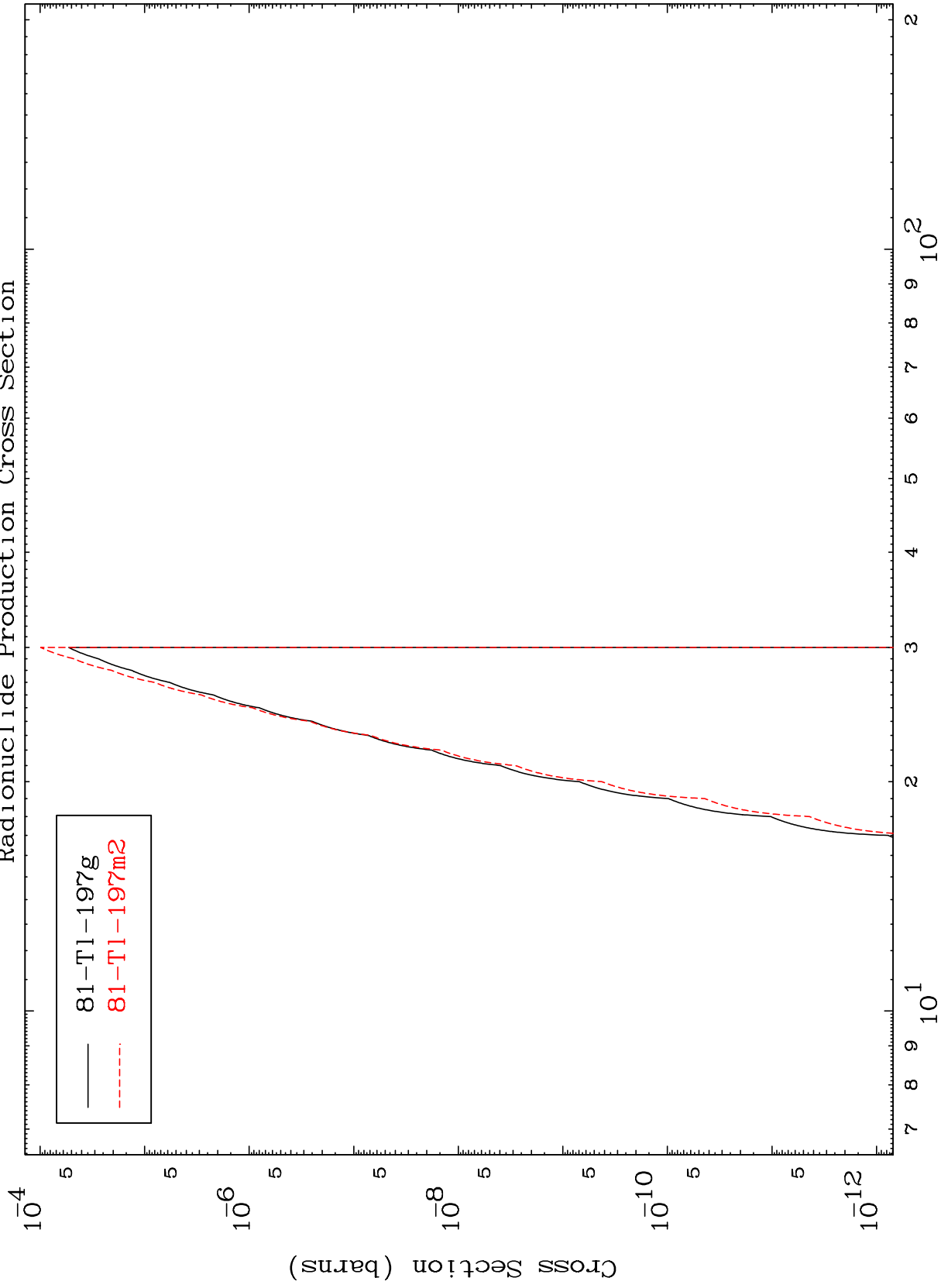
83-Bi-200

MAT 8299

(n, n') He-3

83-Bi-200

Radionuclide Production Cross Section



30

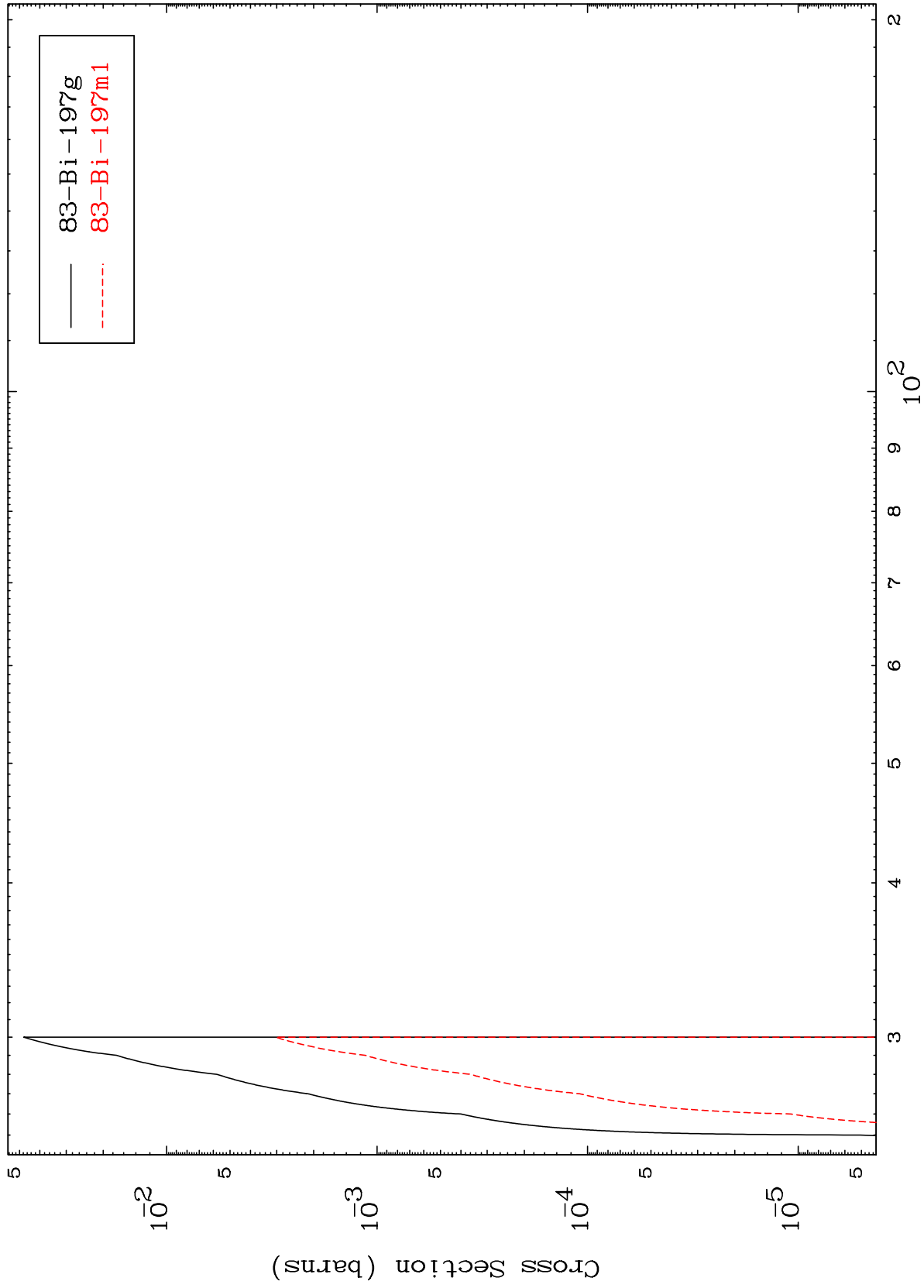
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

(n,4n)
Radionuclide Production Cross Section



31

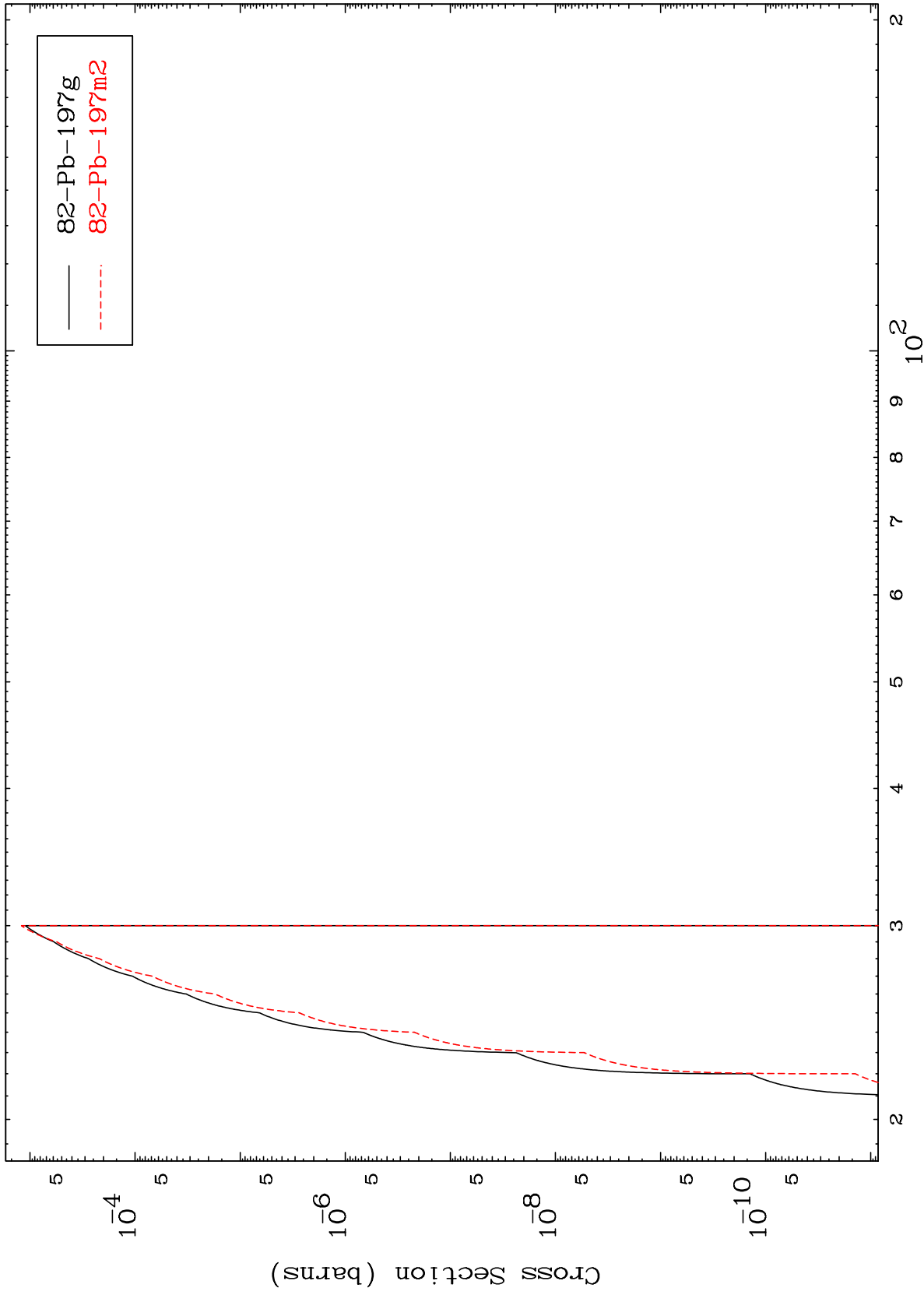
83-Bi-200

MAT 8299

(n,3n) p

83-Bi-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

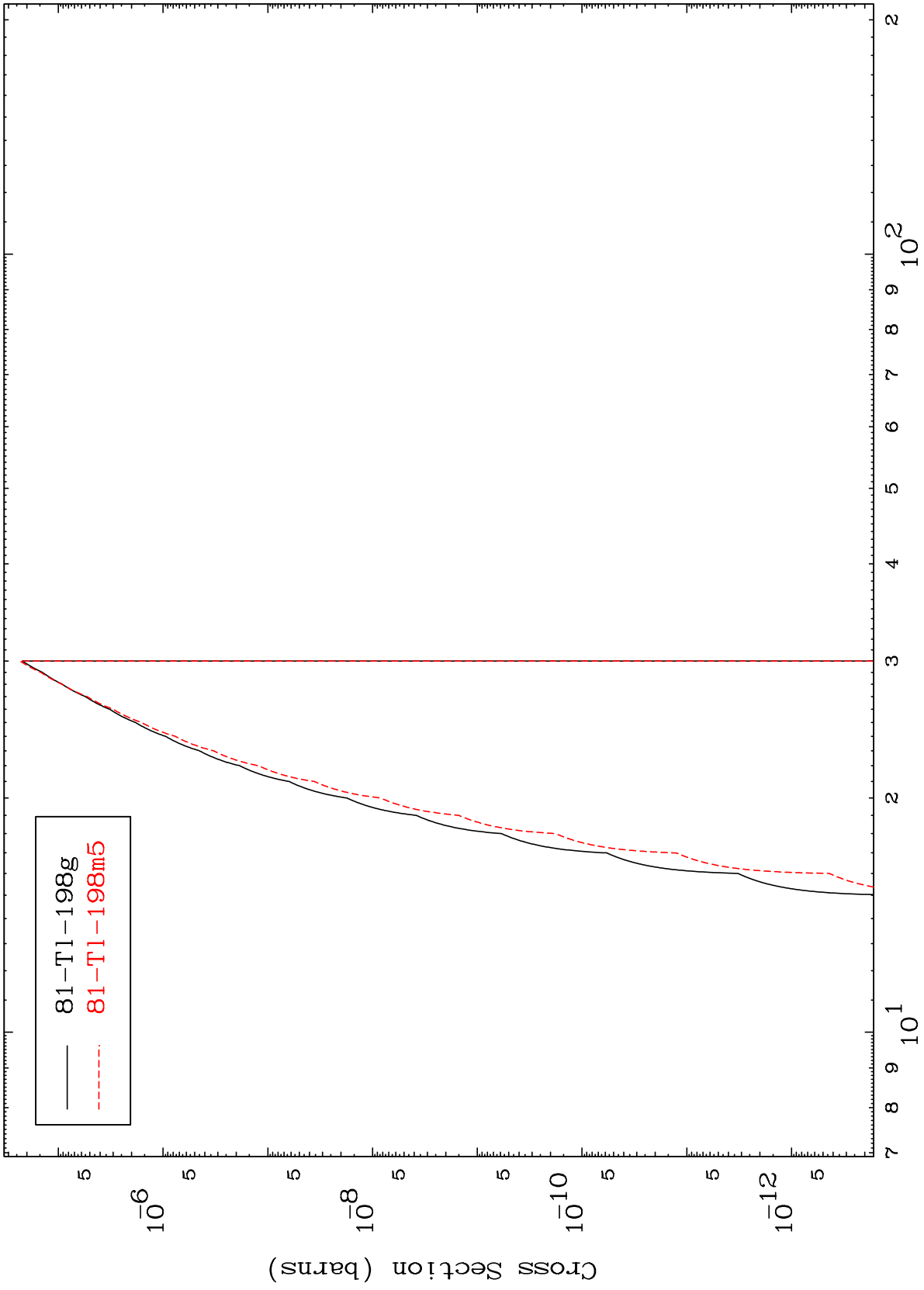
83-Bi-200

MAT 8299

(n,2n) p

83-Bi-200

Radionuclide Production Cross Section



33

Incident Energy (MeV)

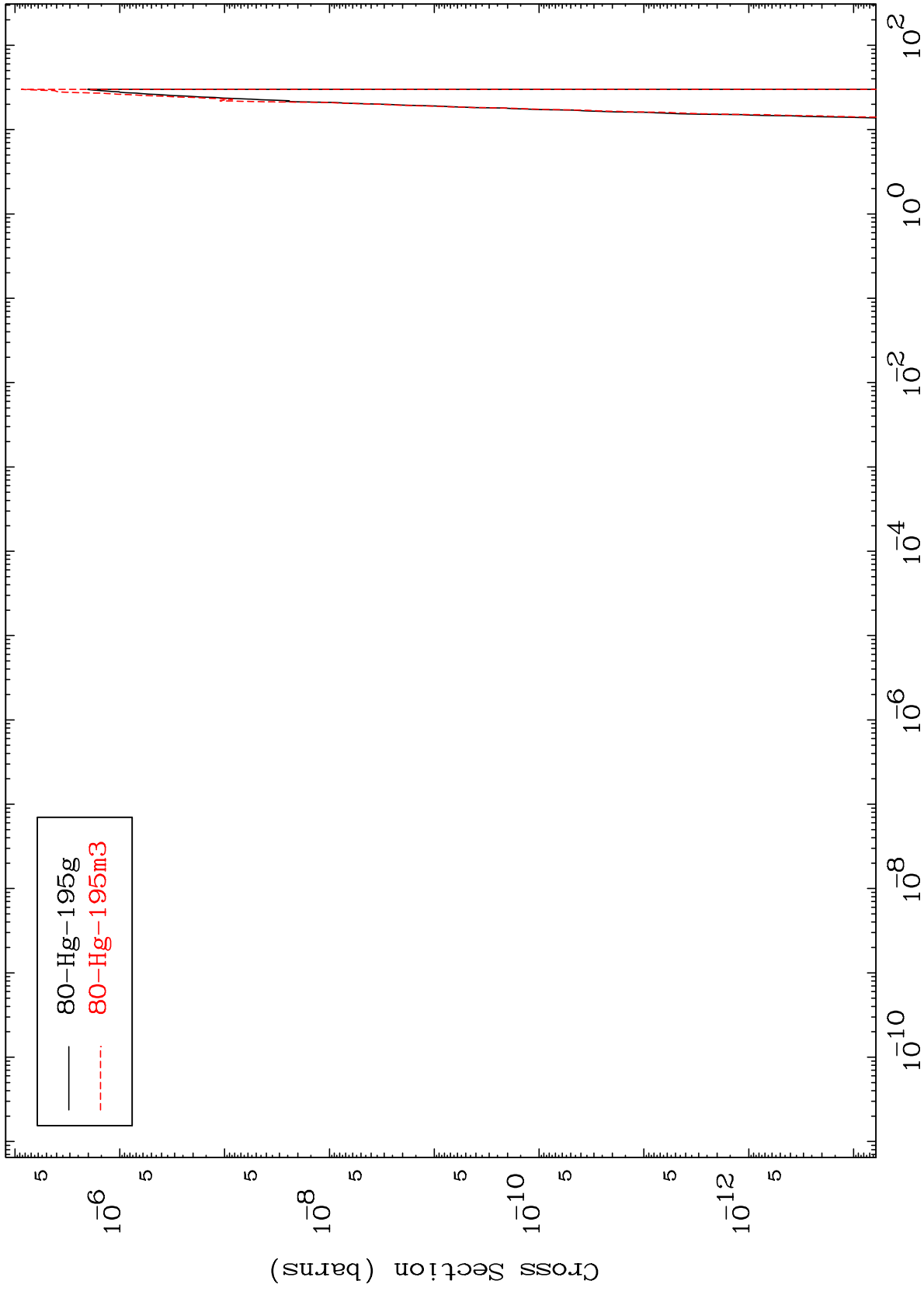
83-Bi-200

MAT 8299

(n,n') p α

83-Bi-200

Radionuclide Production Cross Section



34

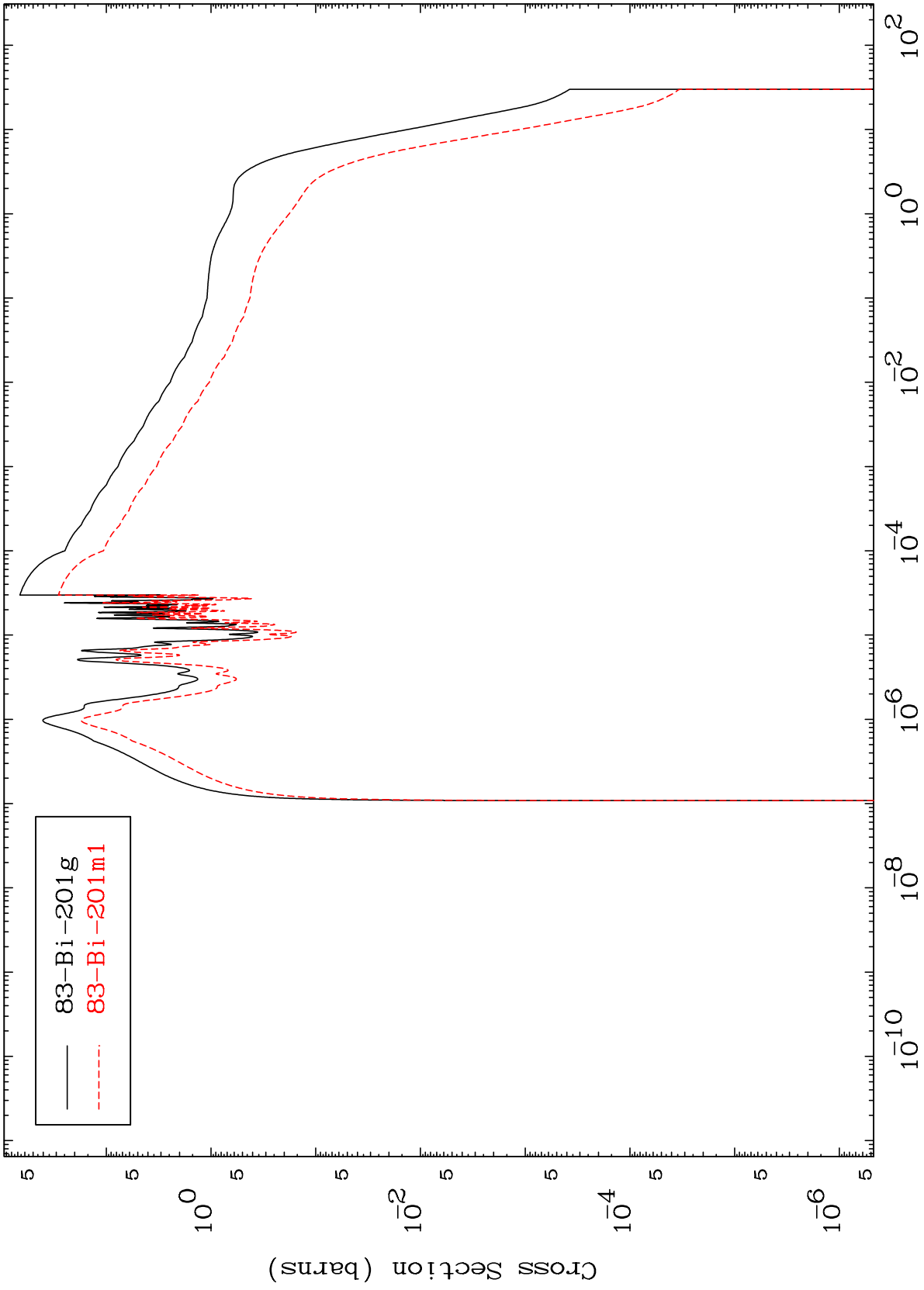
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

Radionuclide Production Cross Section (n,γ)



35

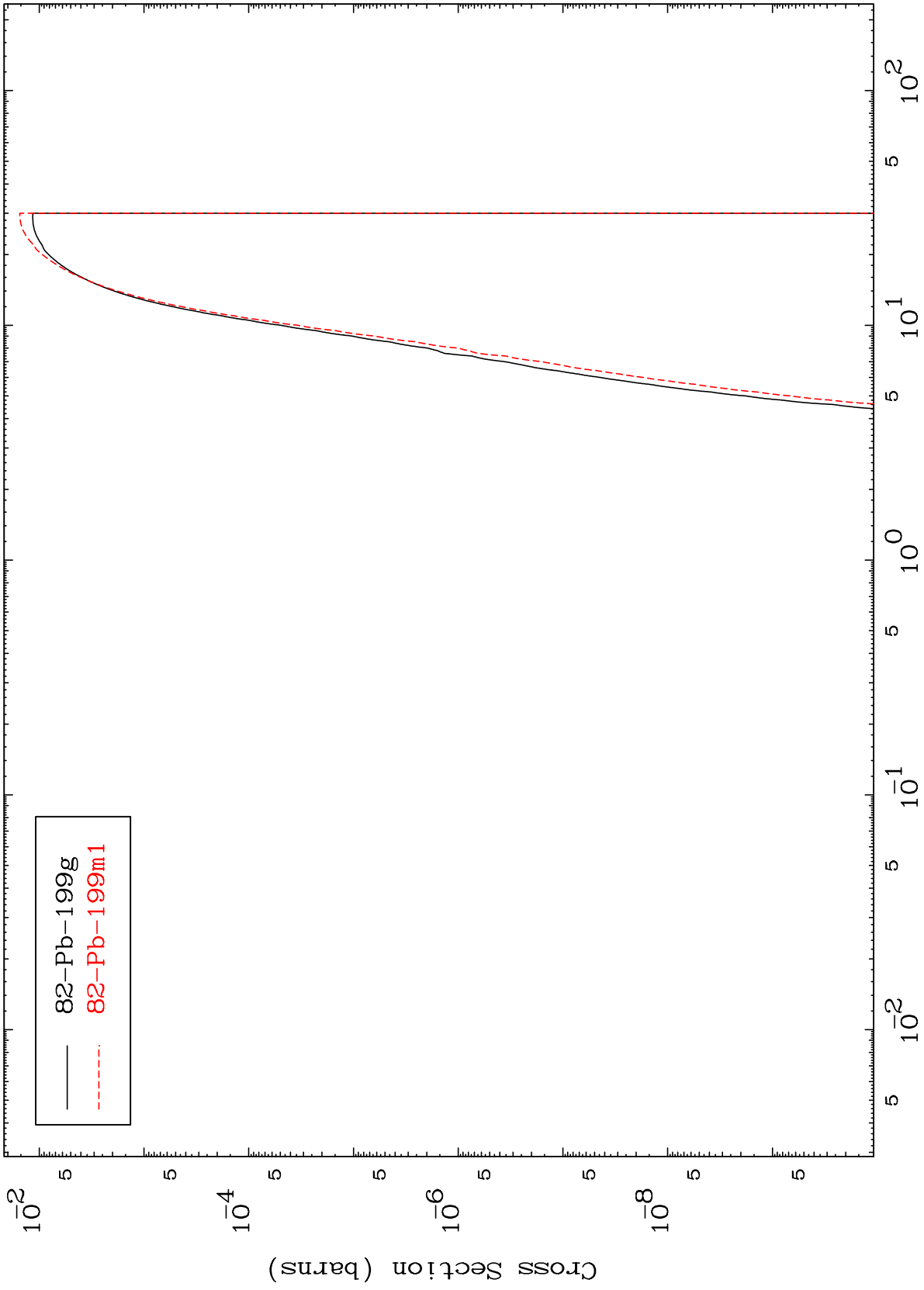
83-Bi-200

MAT 8299

(n,d)

83-Bi-200

Radionuclide Production Cross Section



36

Incident Energy (MeV)

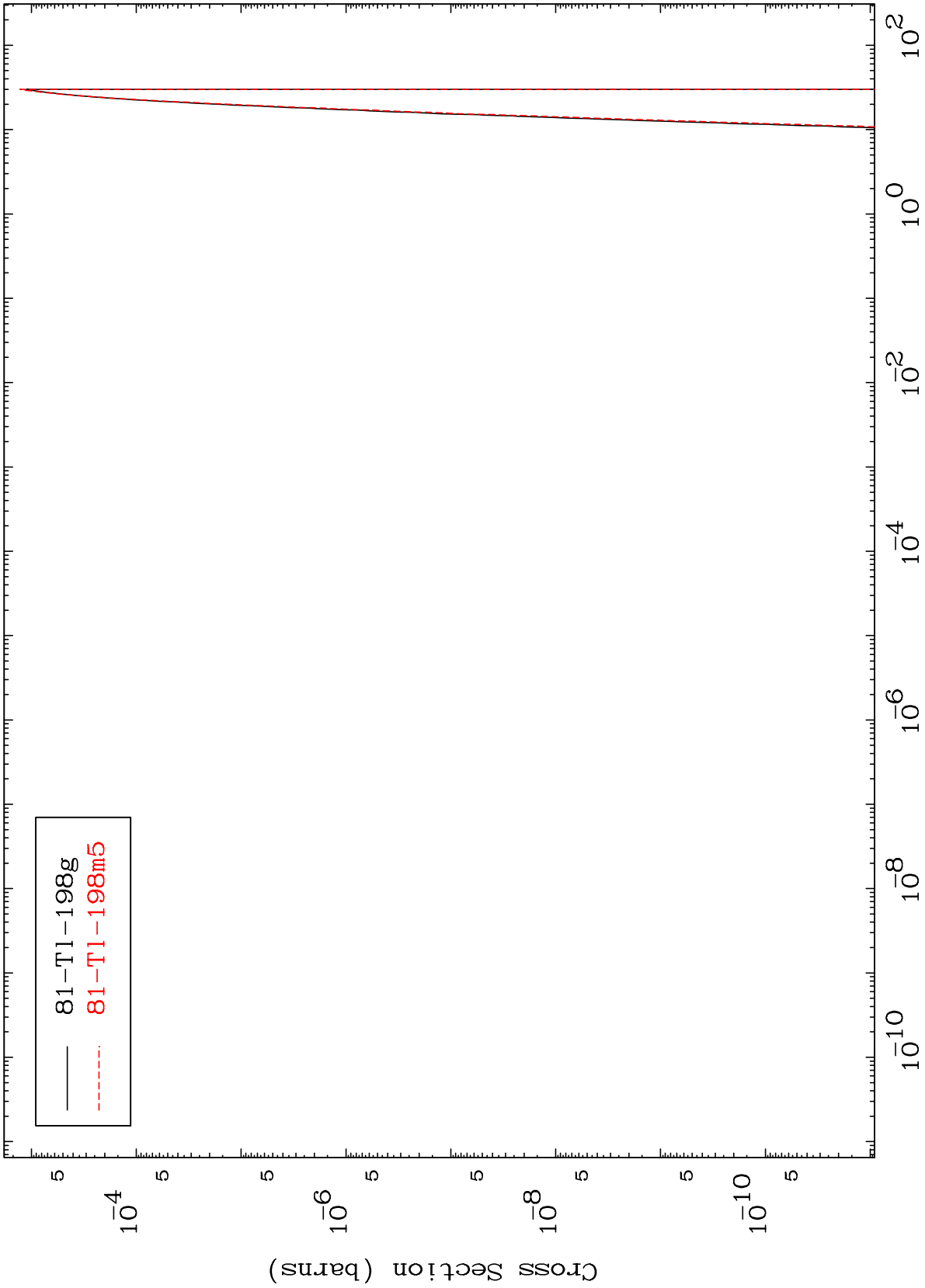
83-Bi-200

MAT 8299

(n,He-3)

83-Bi-200

Radionuclide Production Cross Section



37

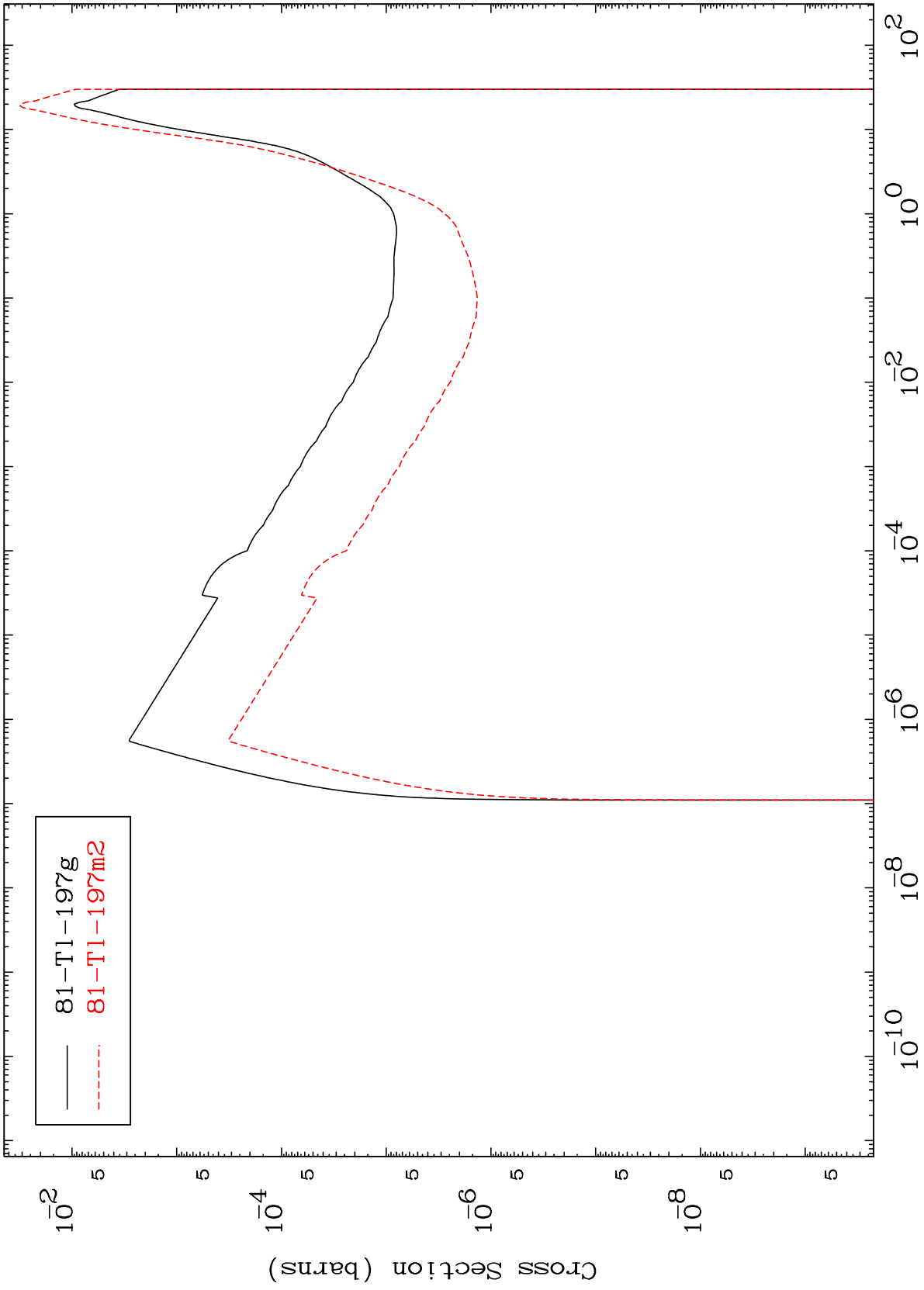
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

(n,α)
Radionuclide Production Cross Section



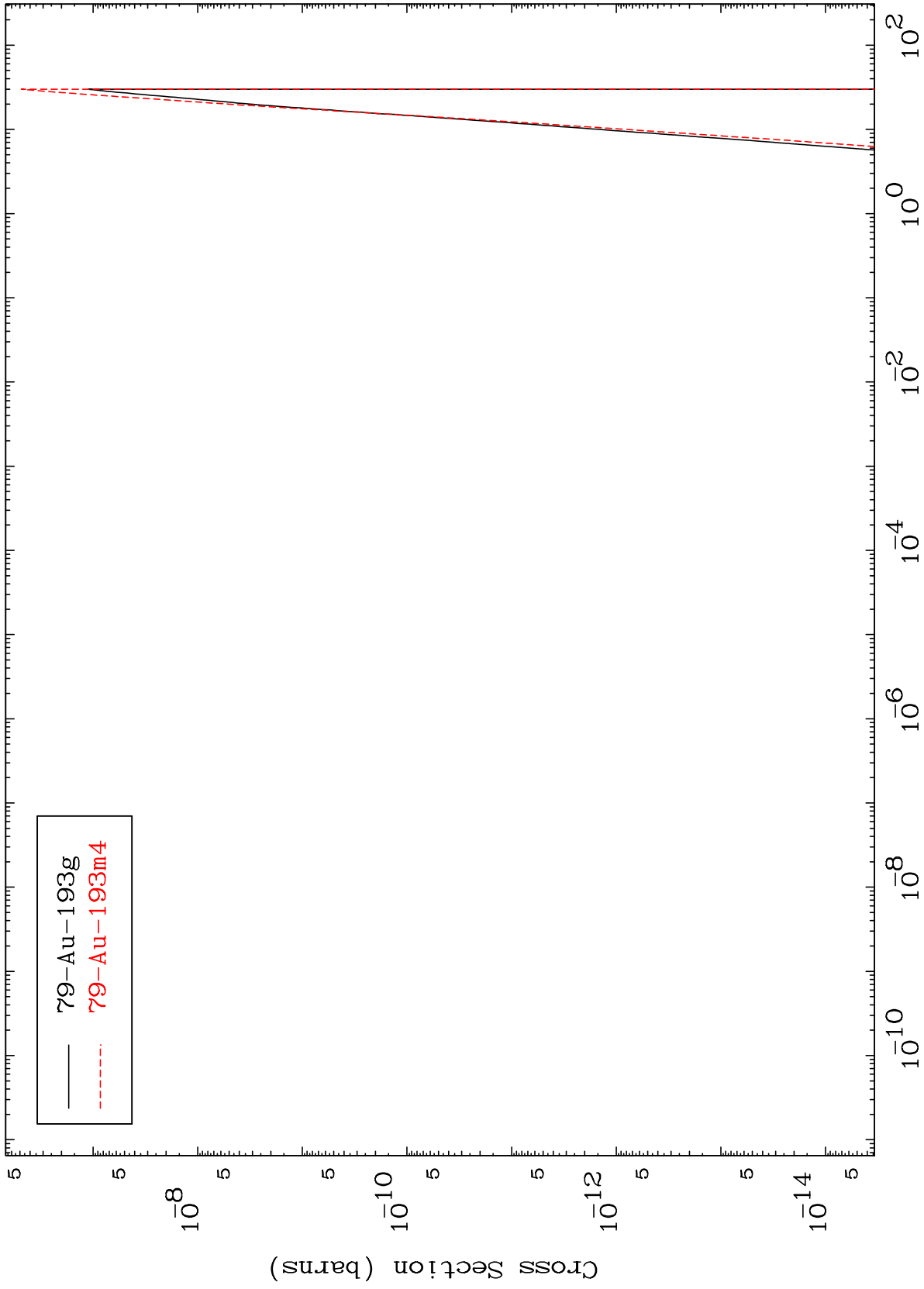
— 81-Tl-197g
- - - 81-Tl-197m2

MAT 8299

(n,2α)

83-Bi-200

Radionuclide Production Cross Section



39

Incident Energy (MeV)

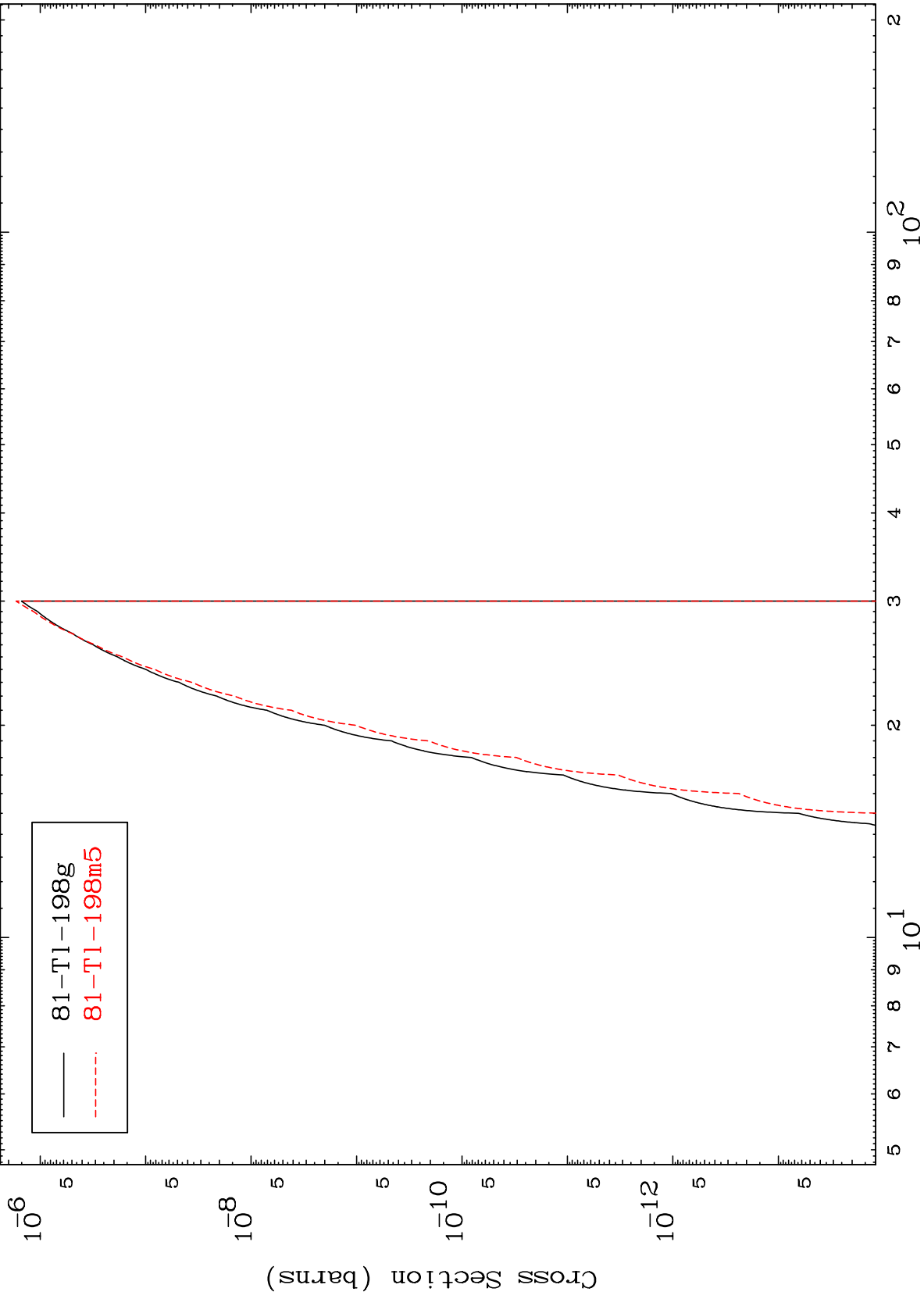
83-Bi-200

MAT 8299

(n,p) d

83-Bi-200

Radionuclide Production Cross Section



40

Incident Energy (MeV)

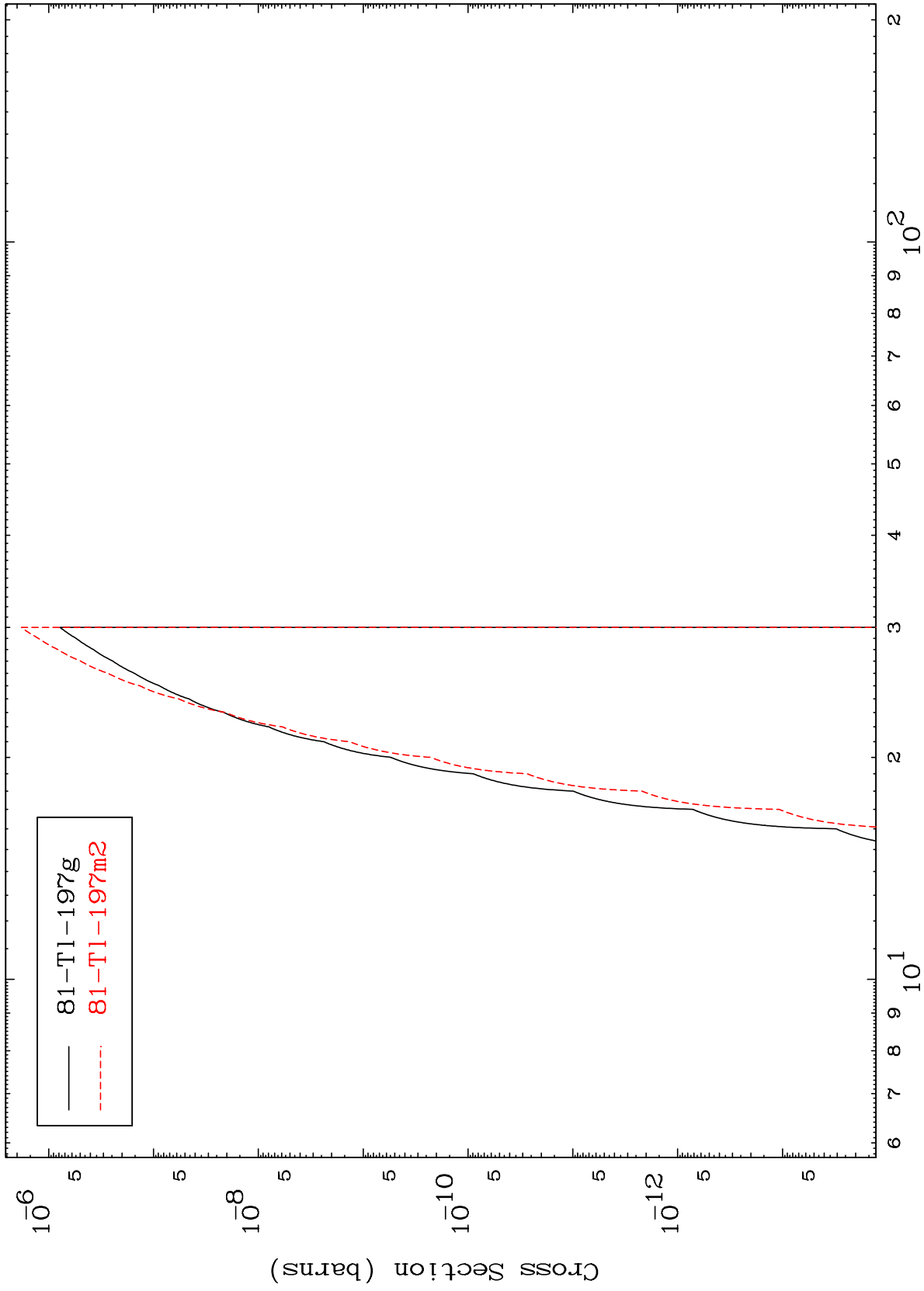
83-Bi-200

MAT 8299

(n,p) t

83-Bi-200

Radionuclide Production Cross Section



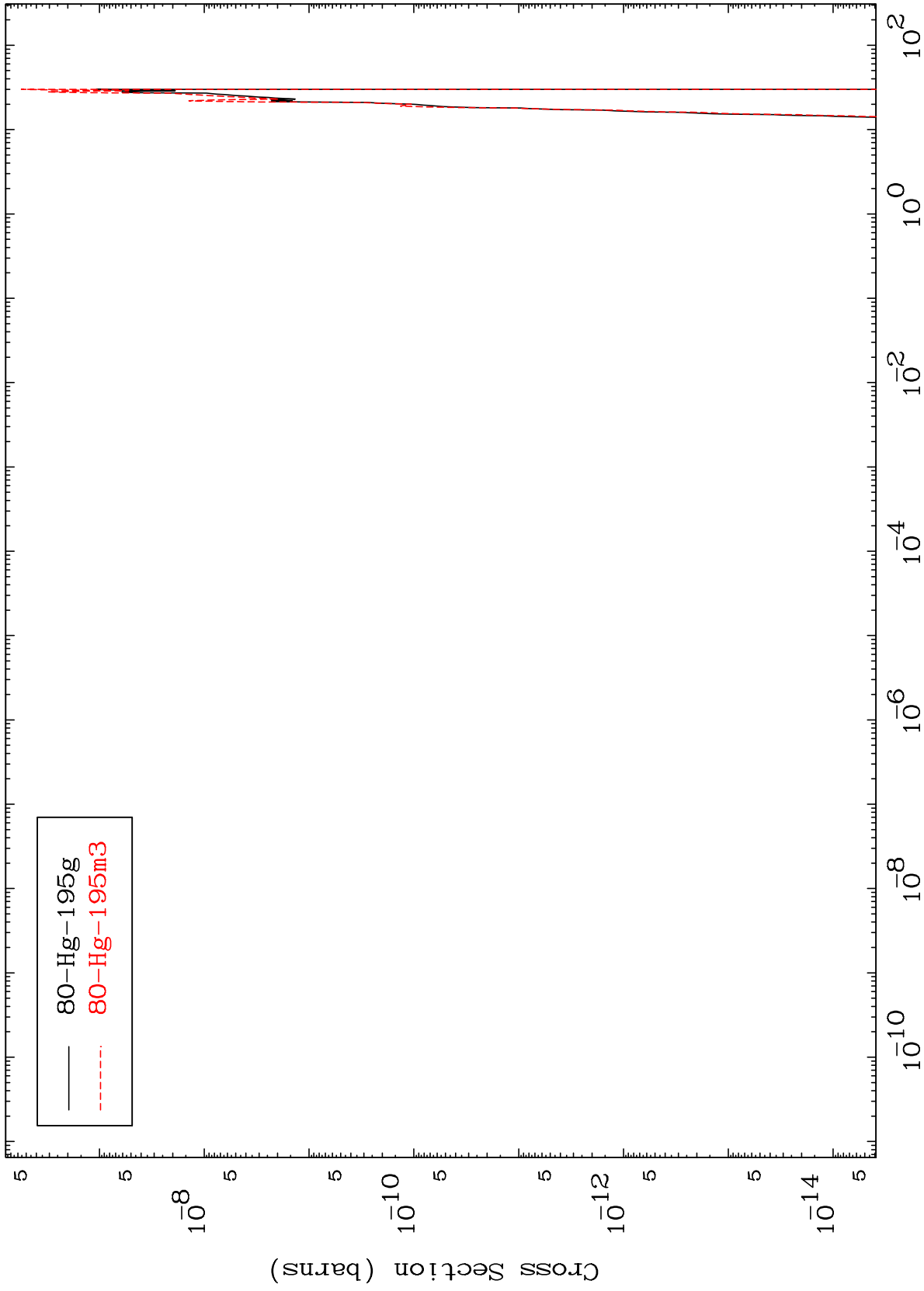
81-Tl-197g
81-Tl-197m2

MAT 8299

(n,d) α

83-Bi-200

Radionuclide Production Cross Section



42

Incident Energy (MeV)

83-Bi-200