

Program EVALPLOT
(Version 2015-2)

by

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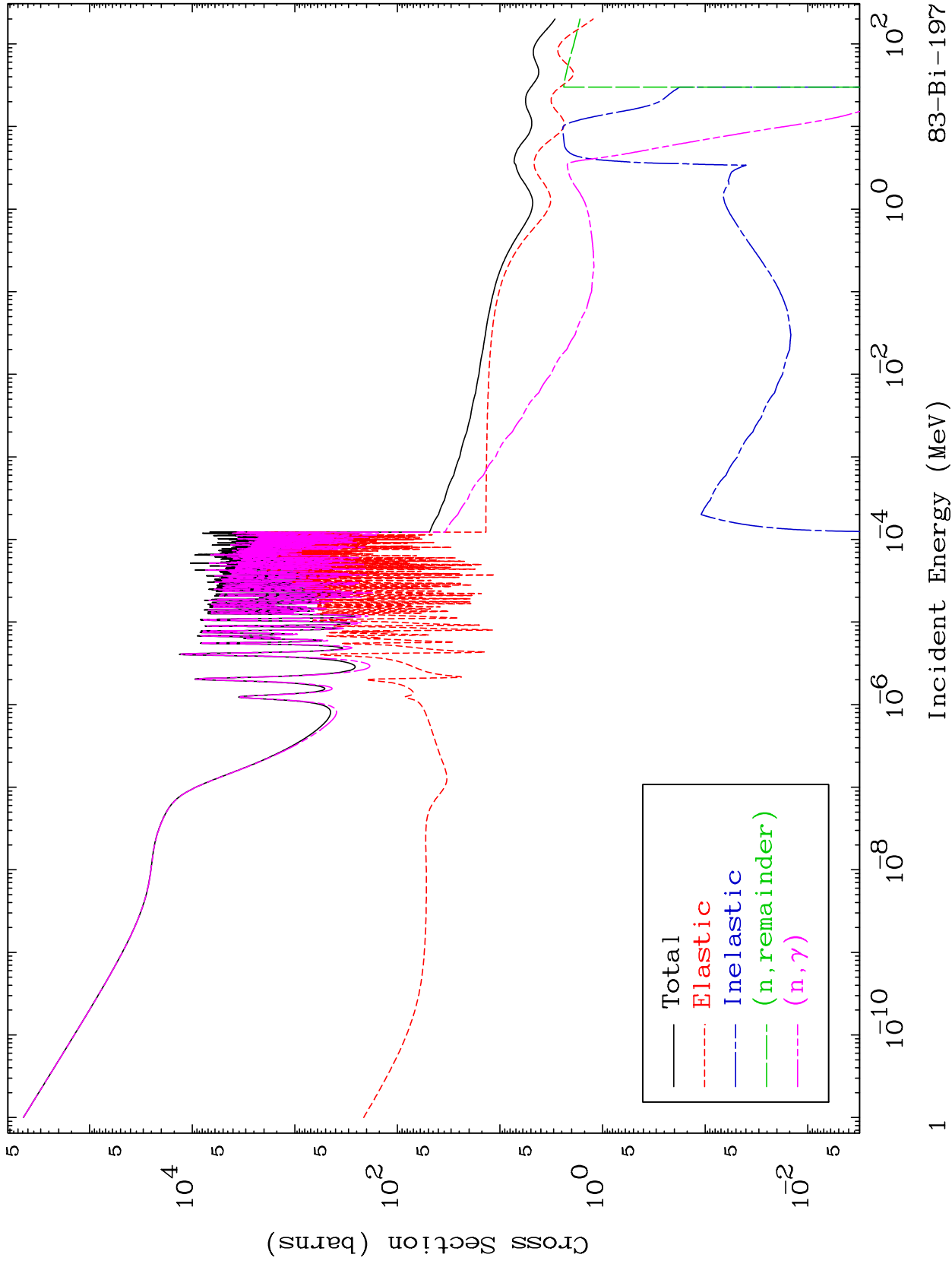
Press Mouse Button to Start

MAT 8290

Major

293 Kelvin Cross Sections

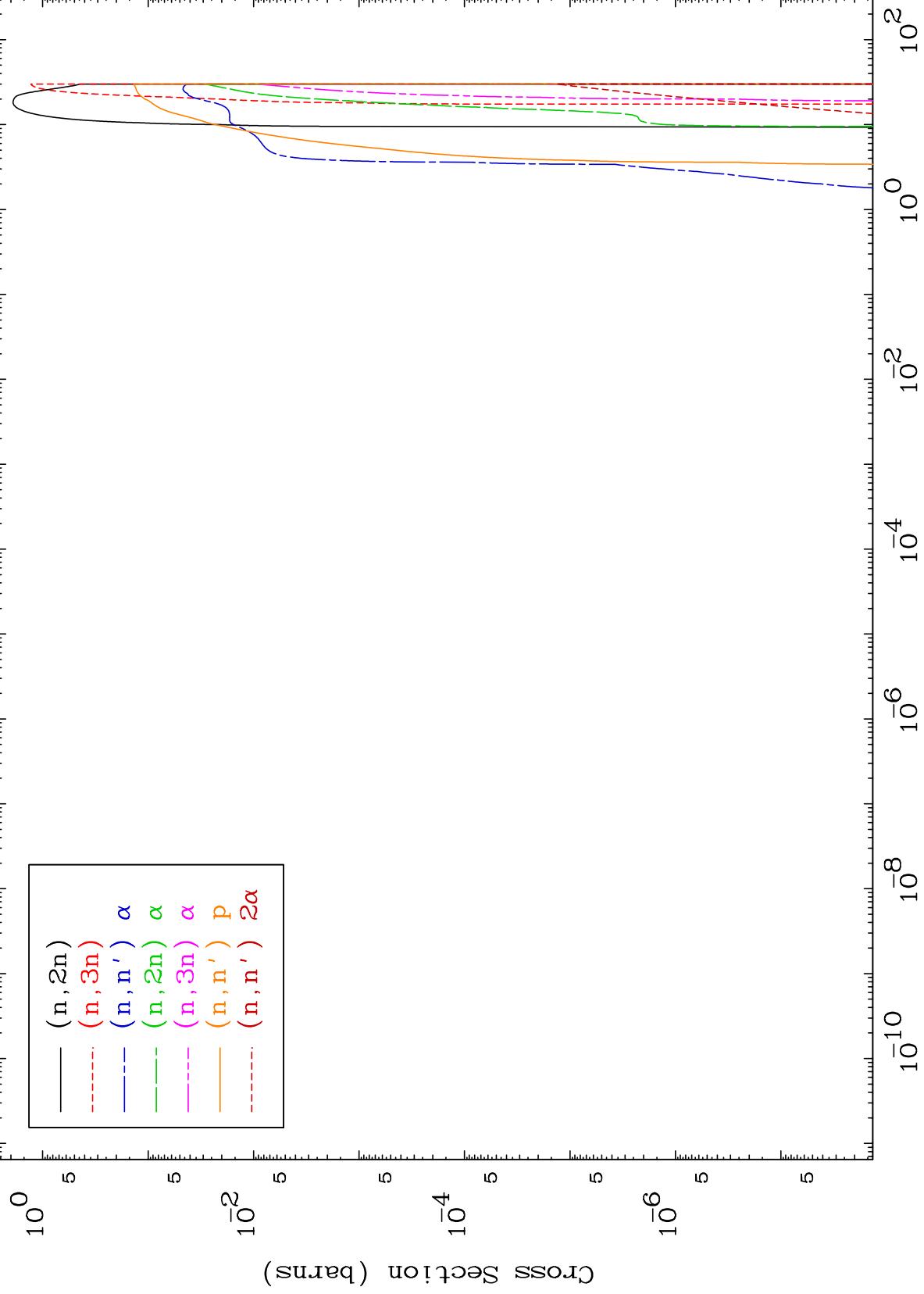
83-Bi-197



MAT 8290

Neutron Production
293 Kelvin Cross Sections

83-Bi-197



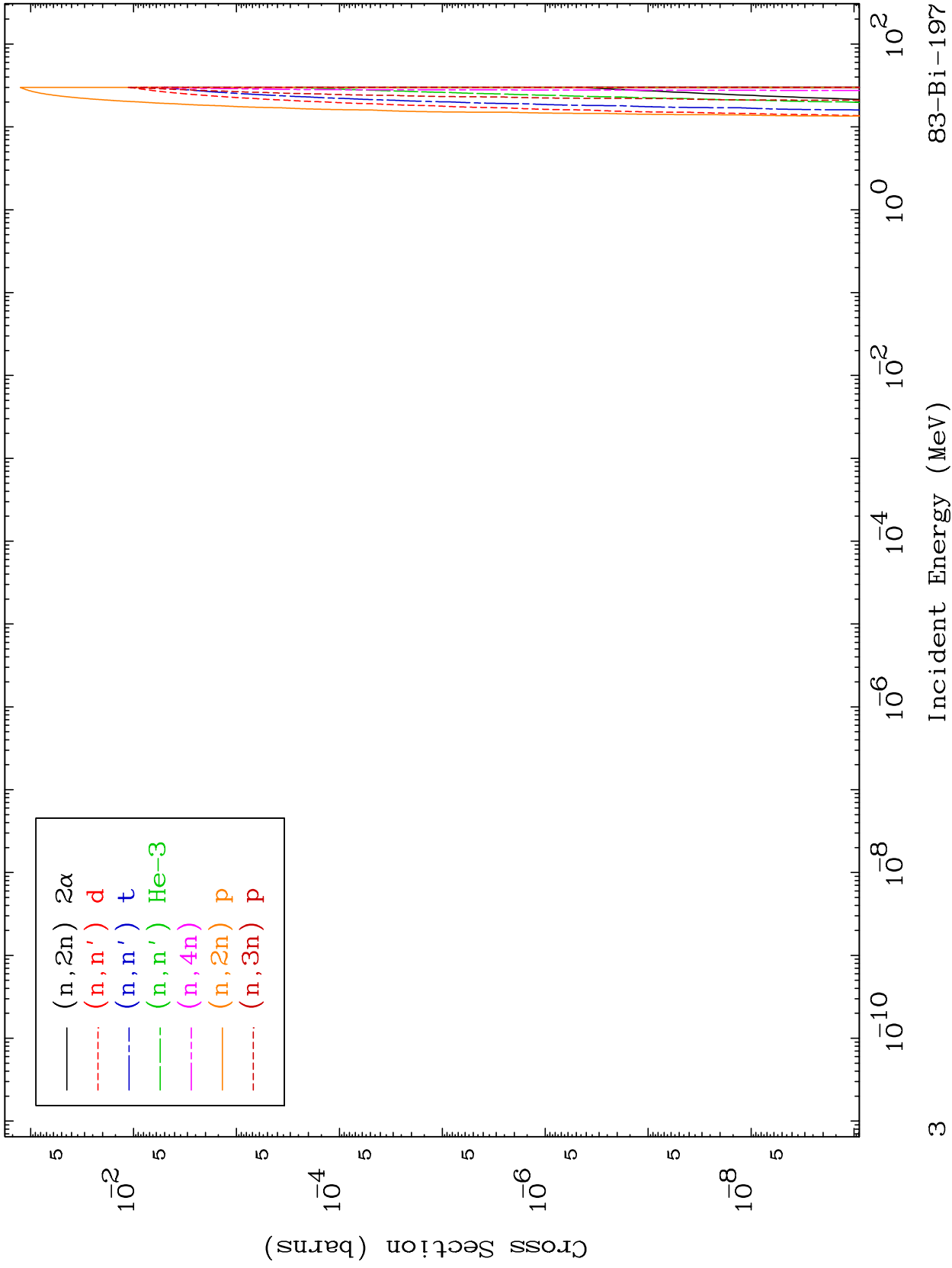
83-Bi-197

Incident Energy (MeV)

MAT 8290

Neutron Production
293 Kelvin Cross Sections

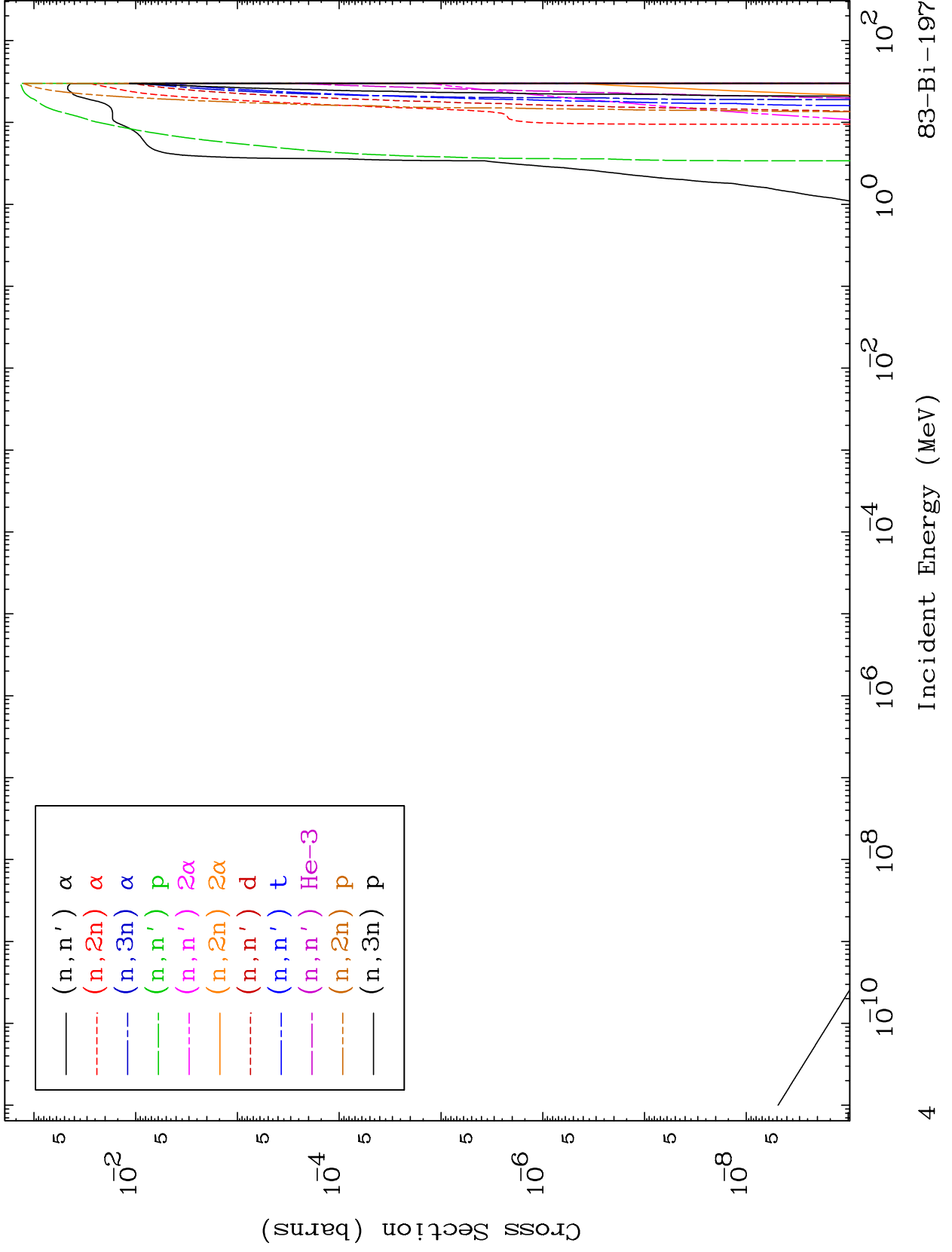
83-Bi-197



MAT 8290

Charged Particle
293 Kelvin Cross Sections

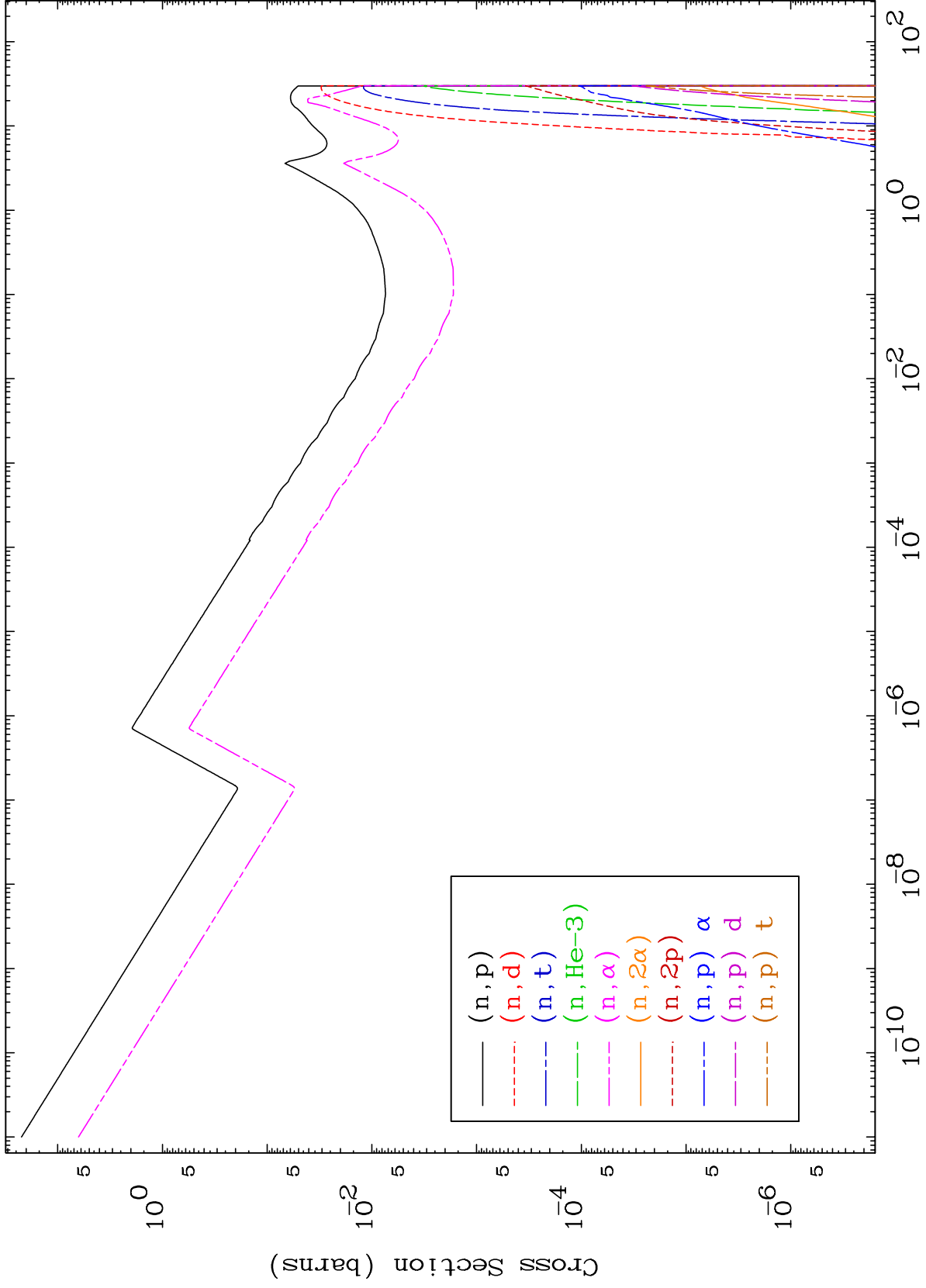
83-Bi-197



MAT 8290

Charged Particle
293 Kelvin Cross Sections

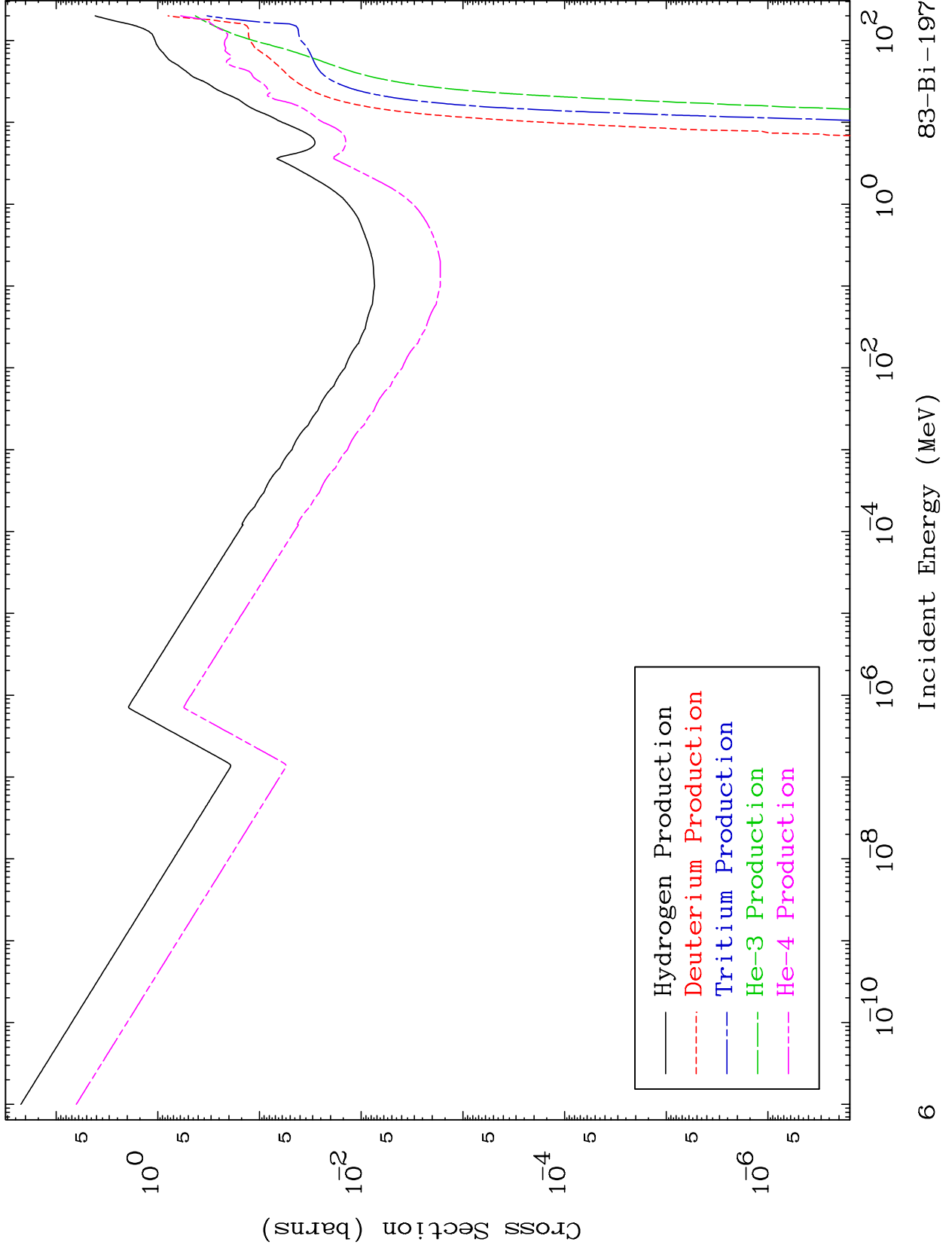
83-Bi-197



MAT 8290

Particle Production
293 Kelvin Cross Sections

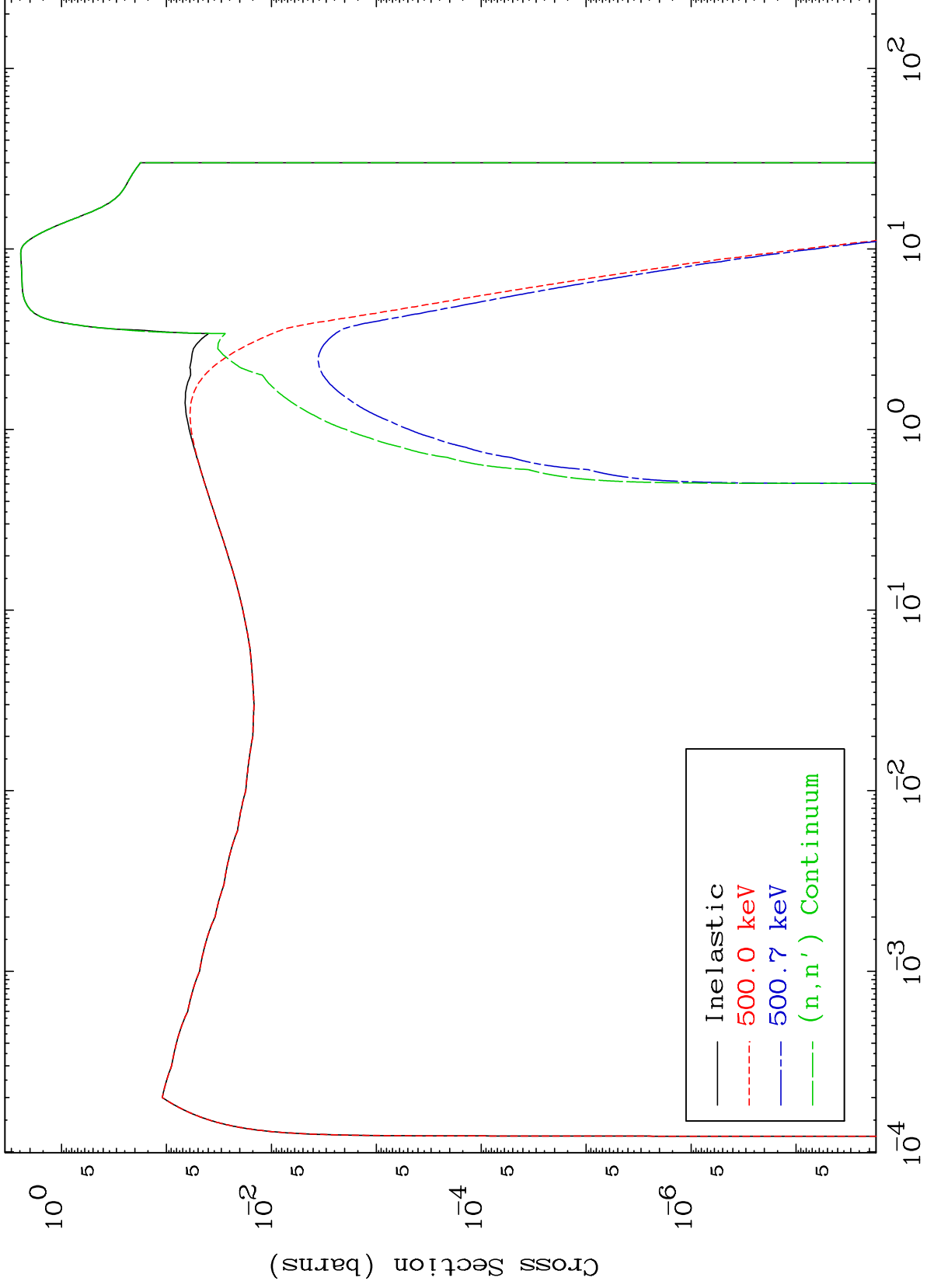
83-Bi-197



MAT 8290

(n,n') Level
293 Kelvin Cross Sections

83-Bi-197



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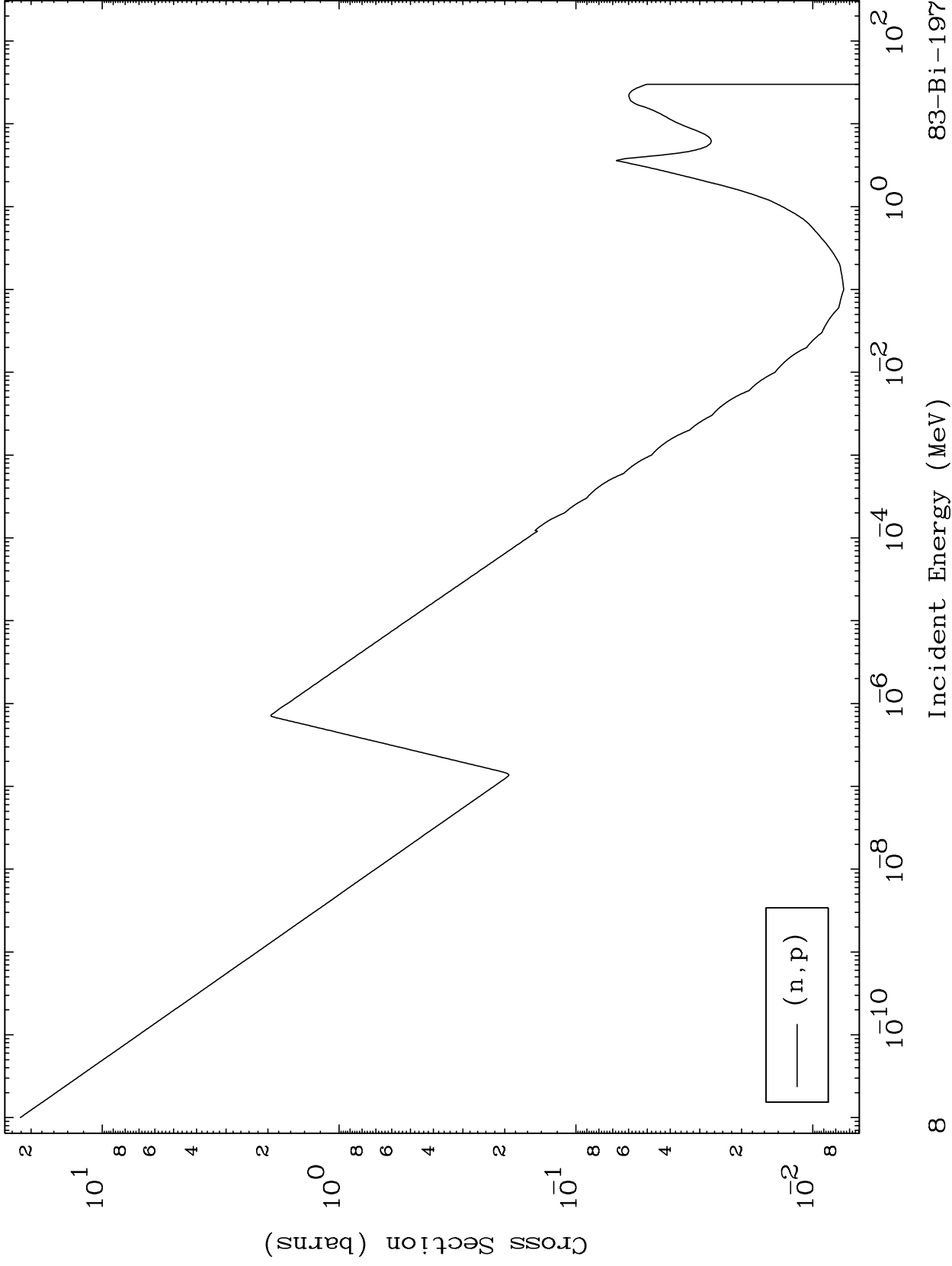
Incident Energy (MeV)

83-Bi-197

MAT 8290

(n,p) Levels
293 Kelvin Cross Sections

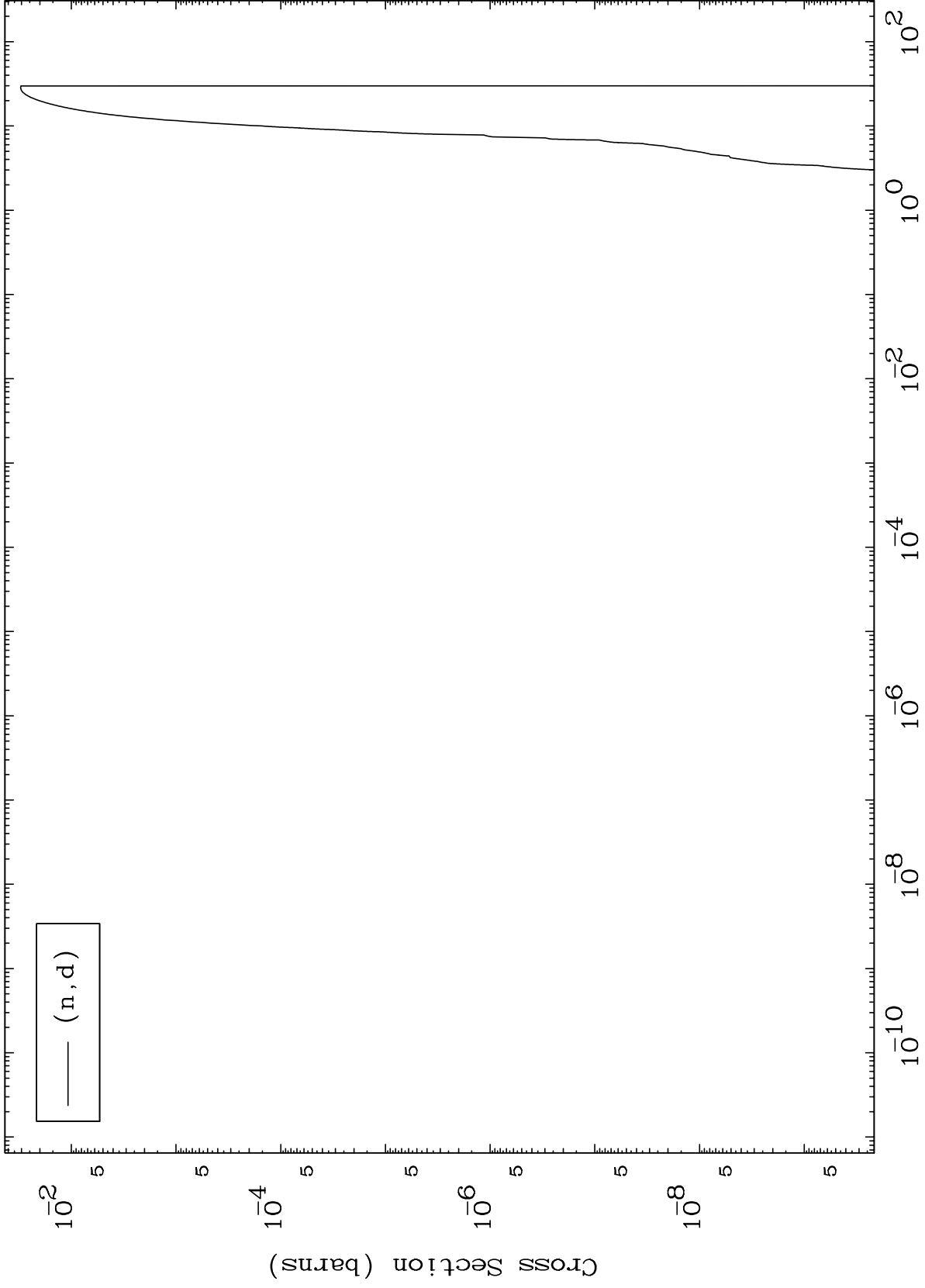
83-Bi-197



MAT 8290

(n,d) Levels
293 Kelvin Cross Sections

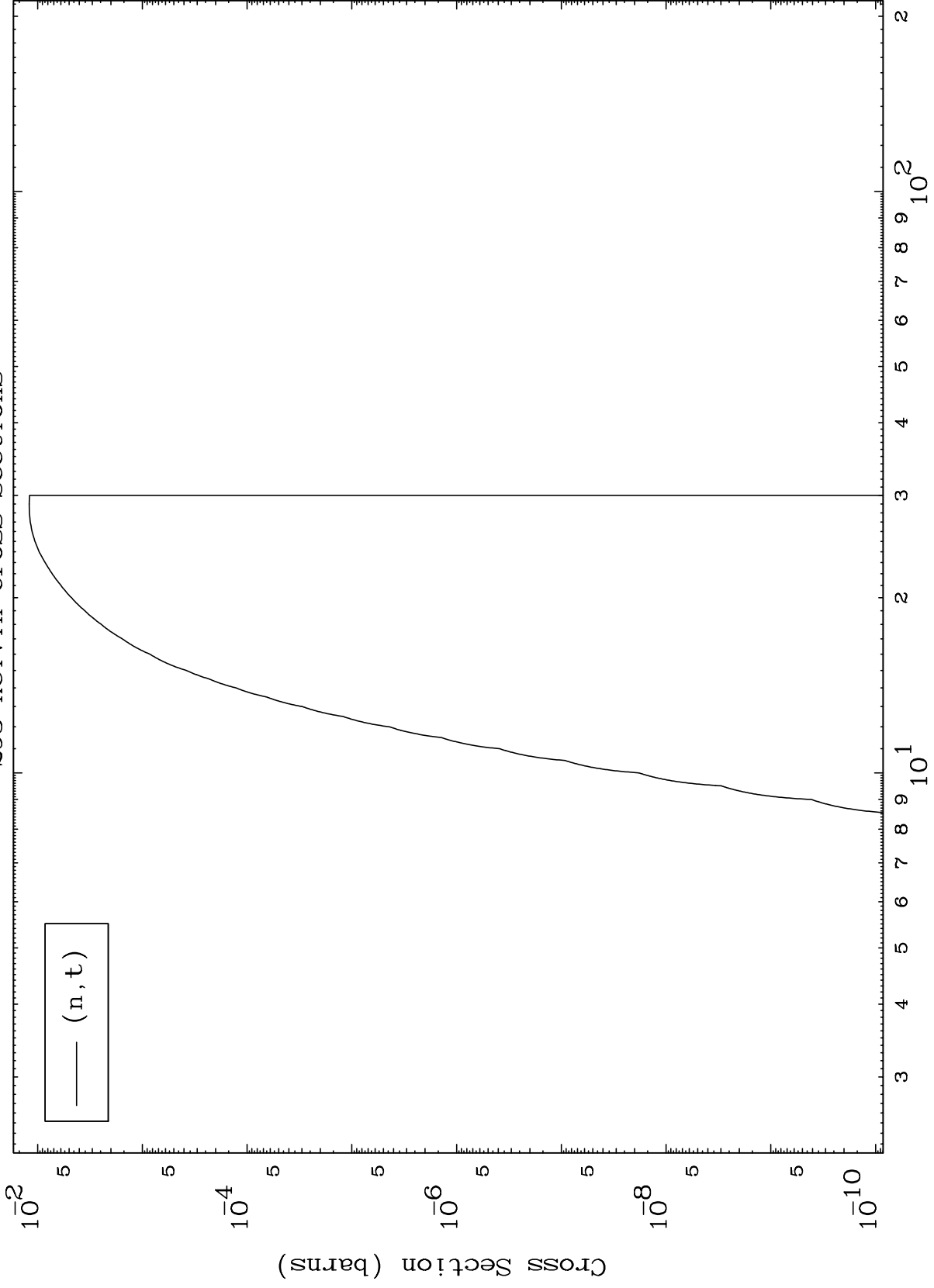
83-Bi-197



MAT 8290

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-197



10

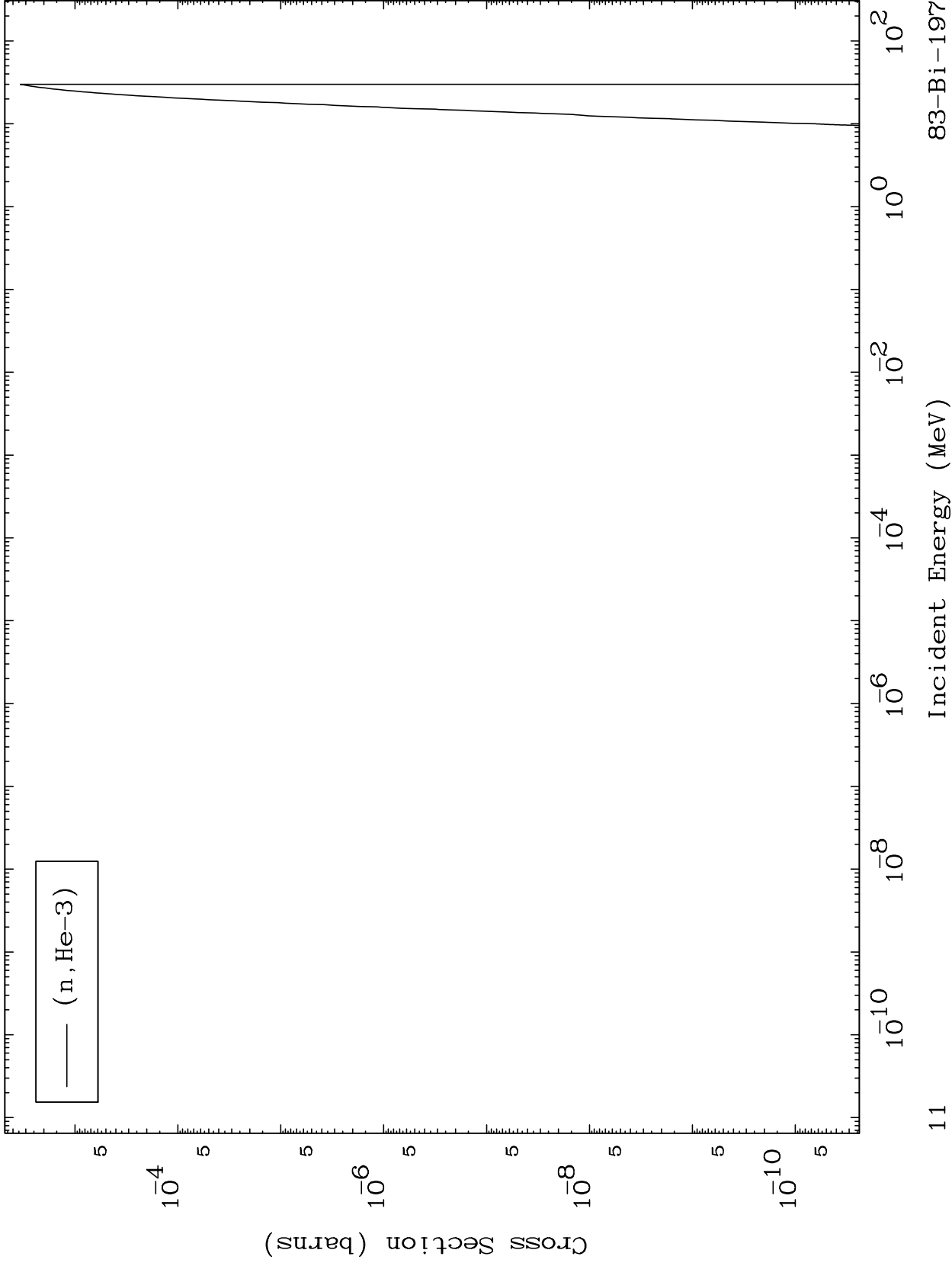
Incident Energy (MeV)

83-Bi-197

MAT 8290

(n,He3) Levels
293 Kelvin Cross Sections

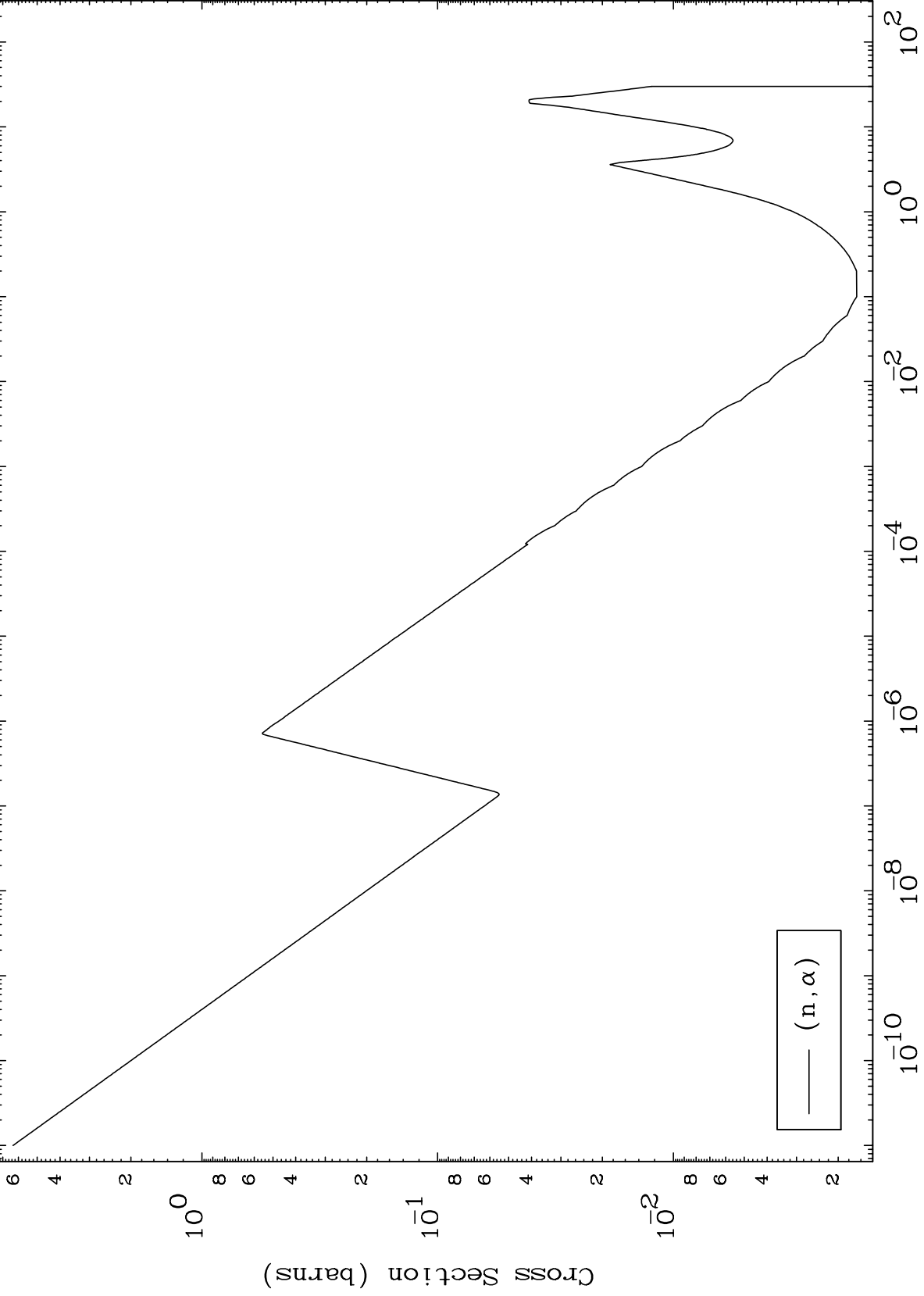
83-Bi-197

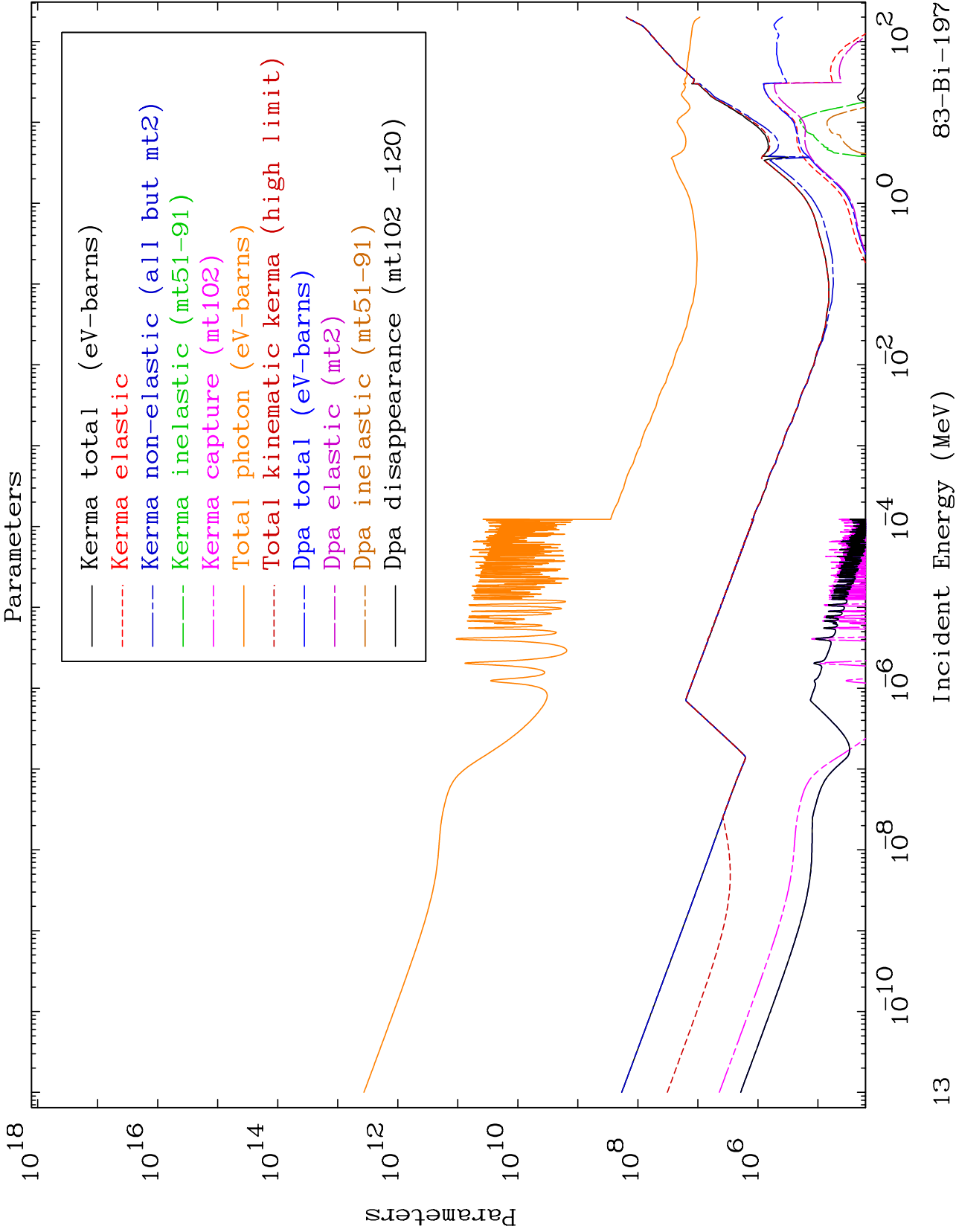


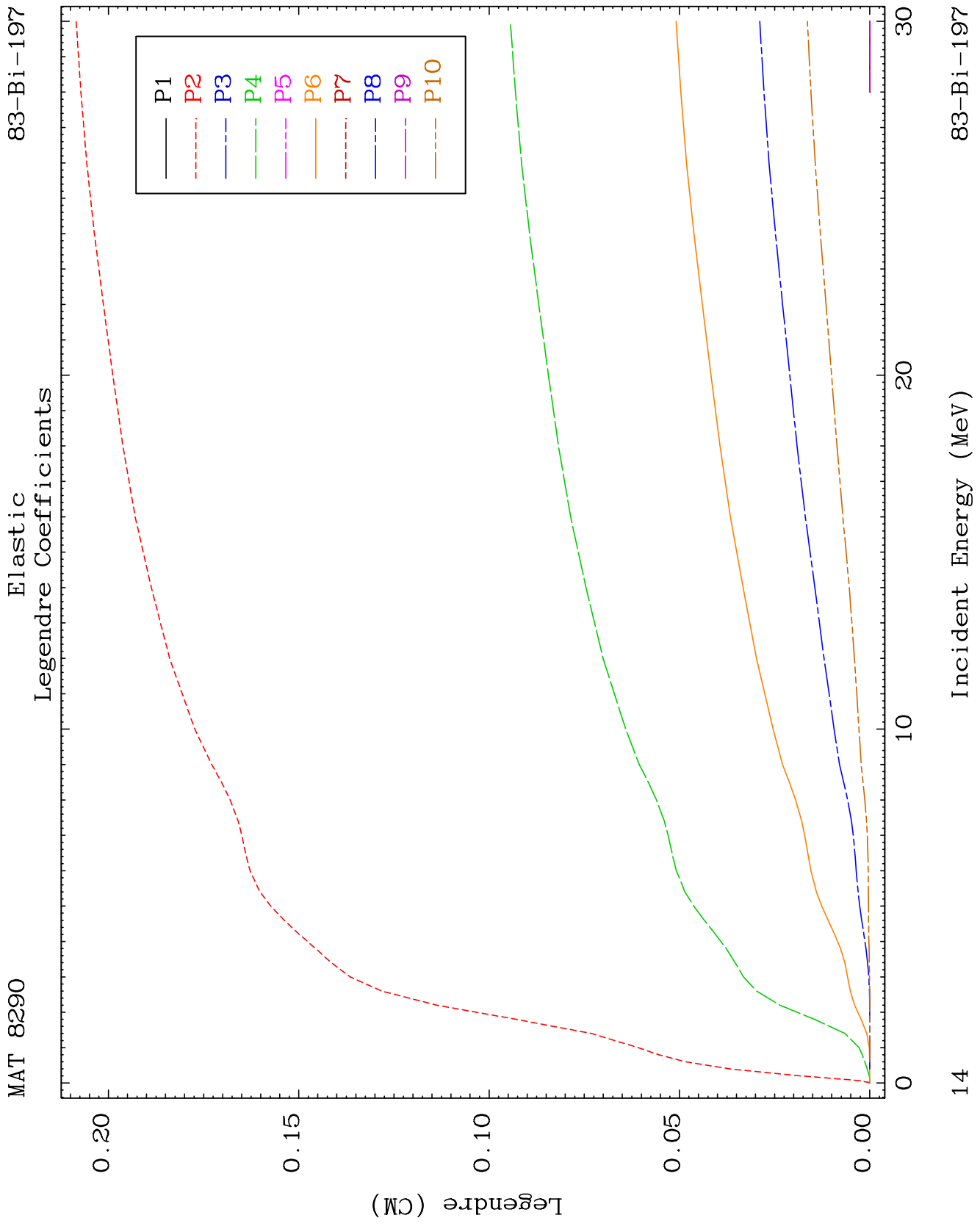
MAT 8290

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-197







83-Bi-197

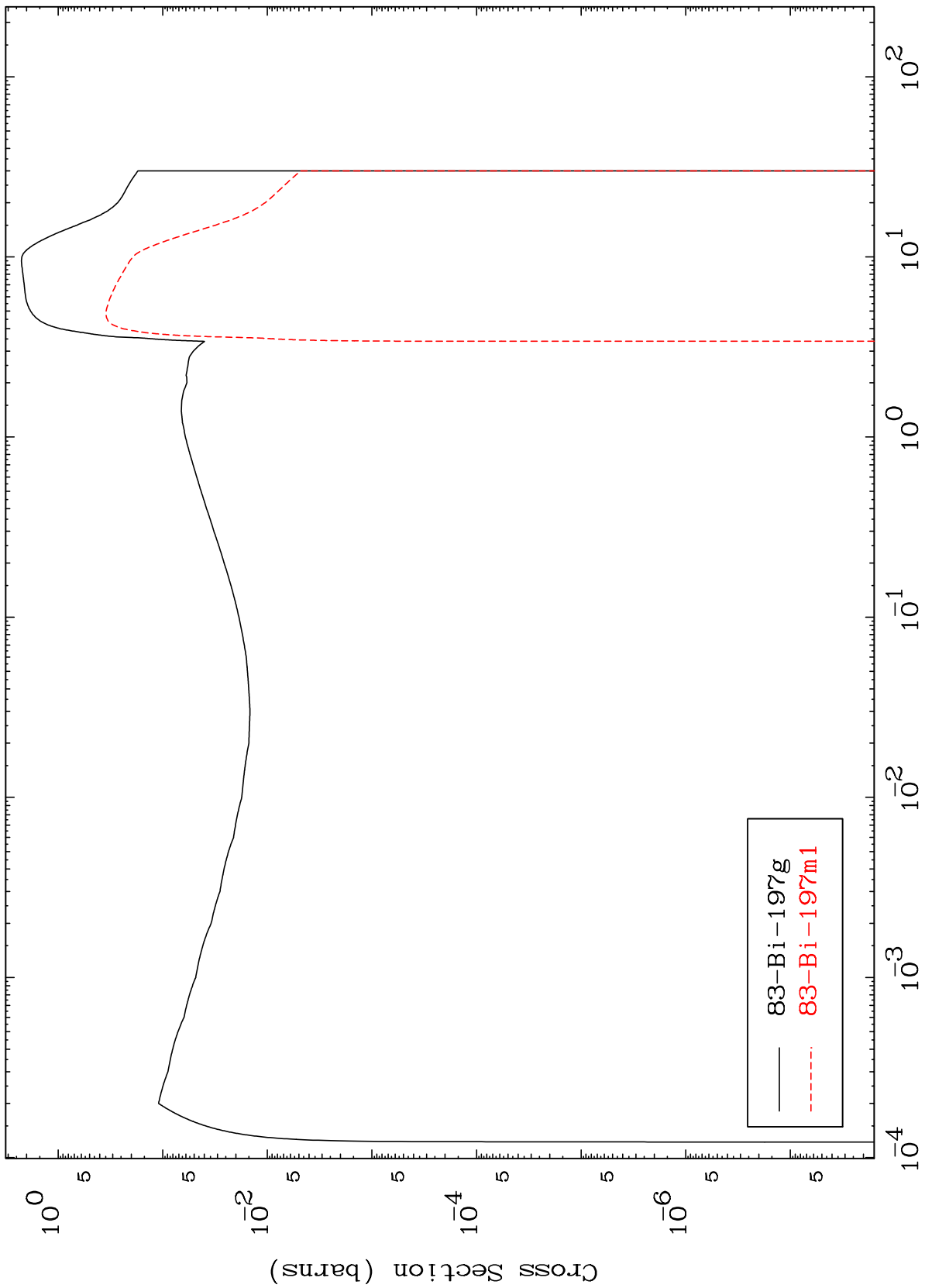
Incident Energy (MeV)

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MAT 8290

83-Bi-197

Inelastic
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

17

Incident Energy (MeV)

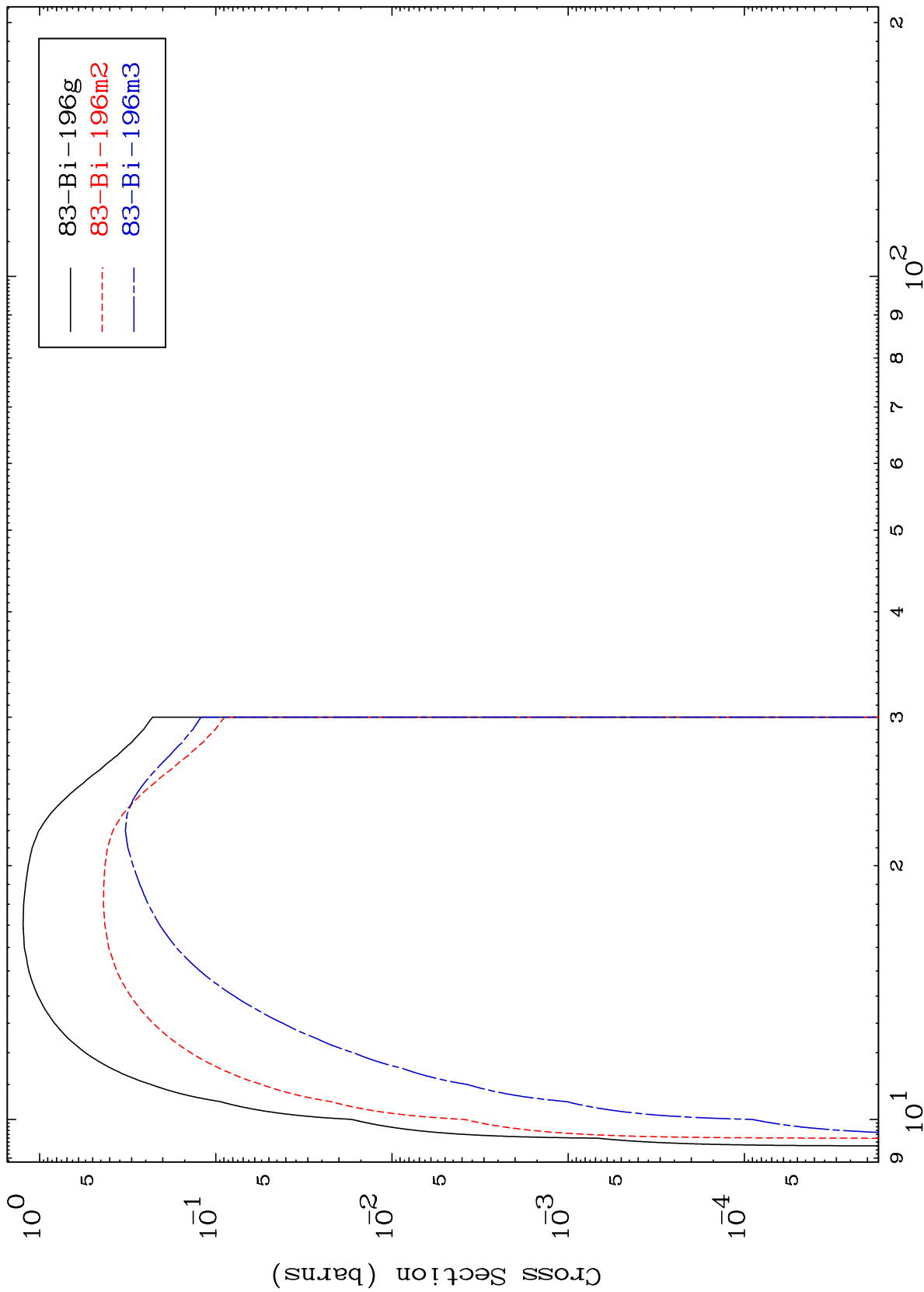
83-Bi-197

MAT 8290

83-Bi-197

(n,2n)

Radionuclide Production Cross Section



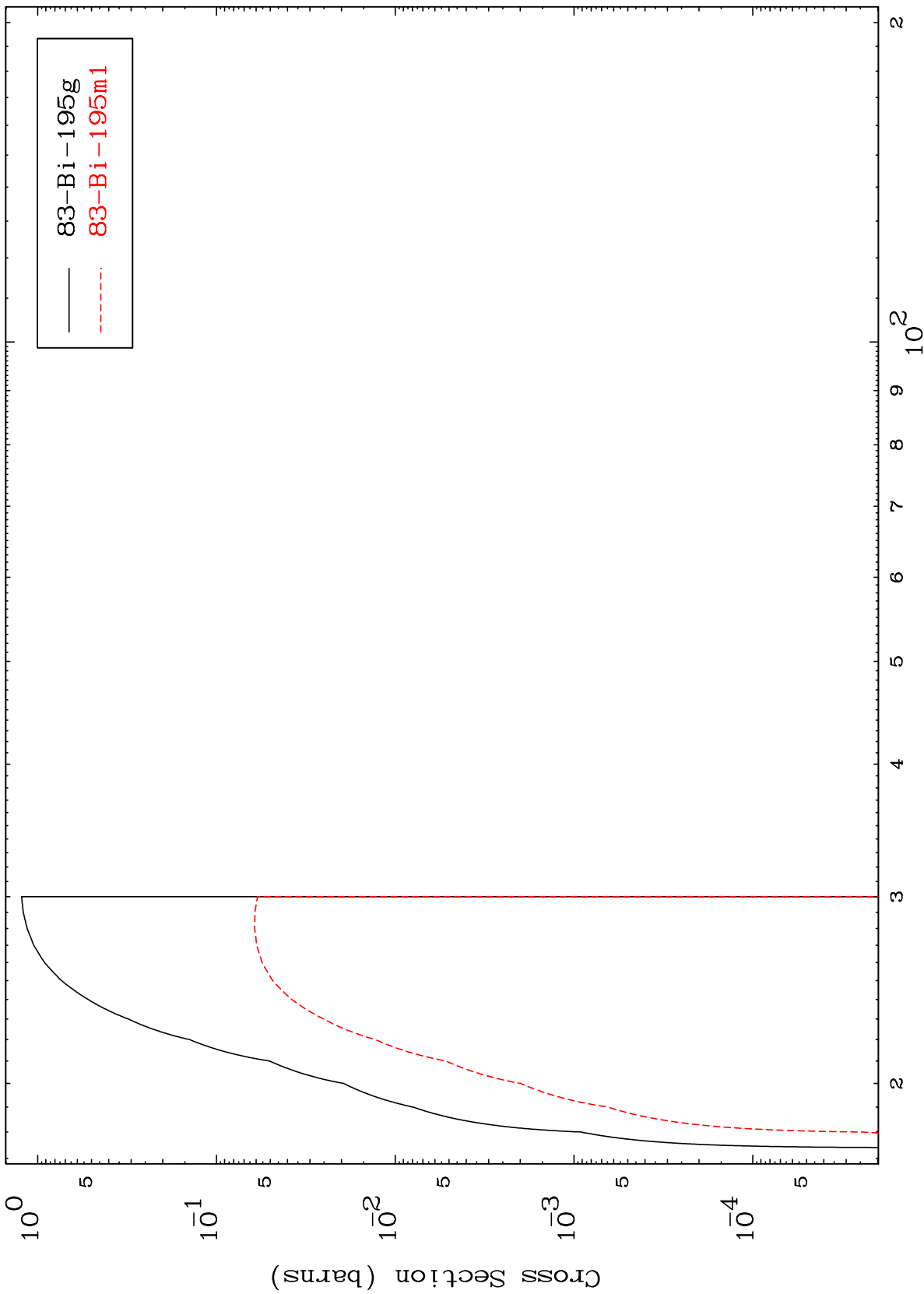
83-Bi-197

Incident Energy (MeV)

MAT 8290

83-Bi-197

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

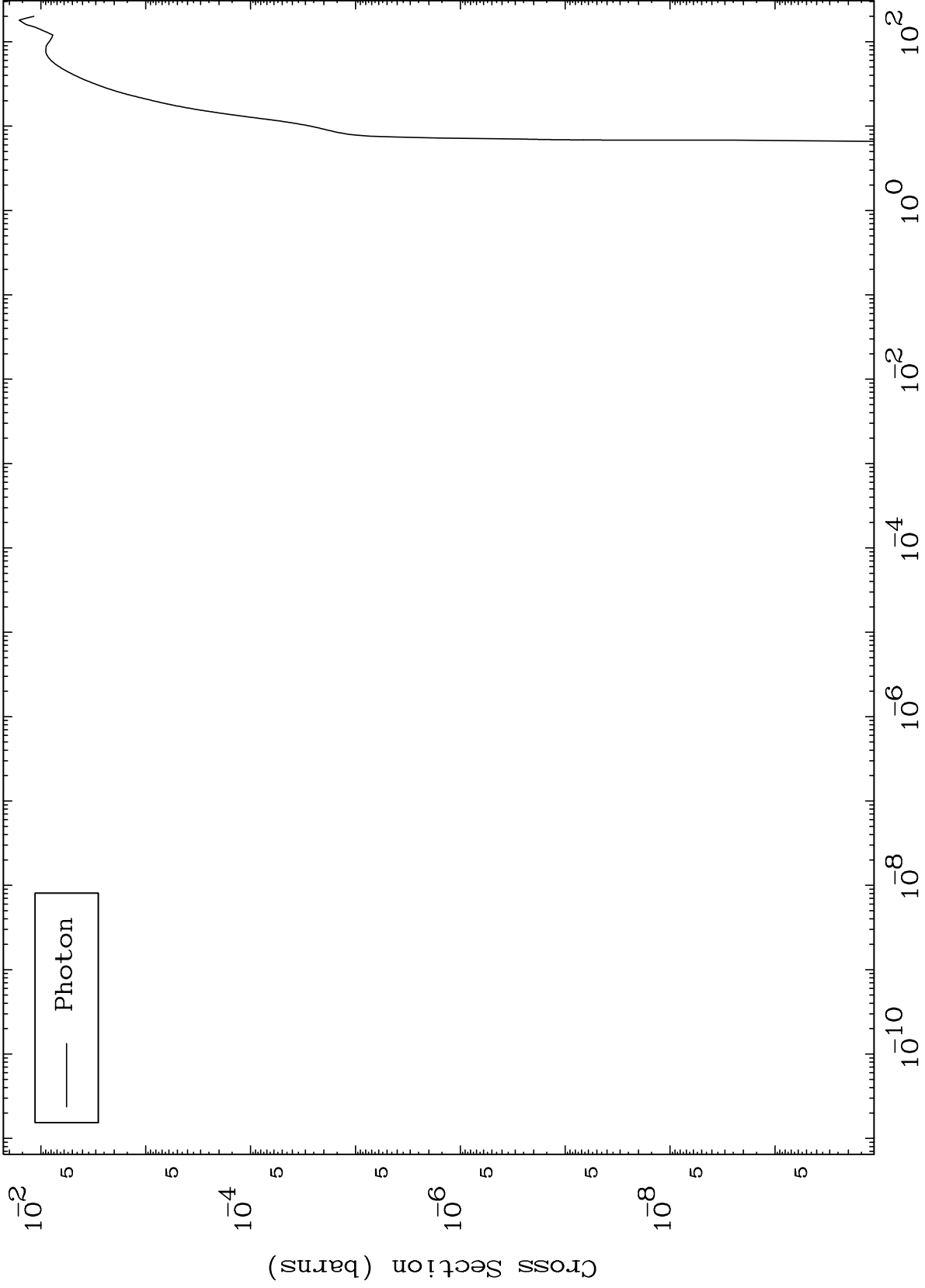
83-Bi-197

MAT 8290

Fission

83-Bi-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

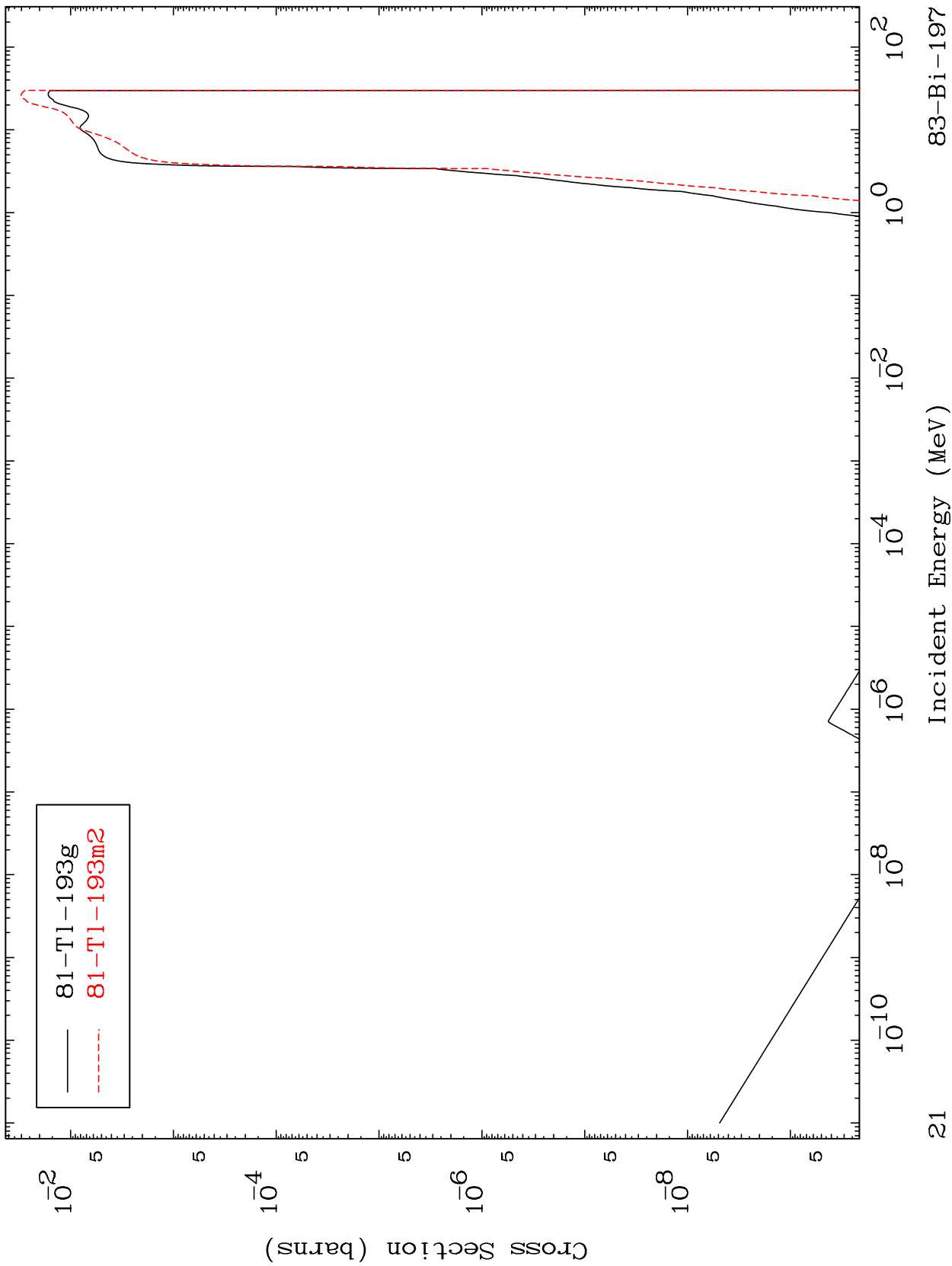
83-Bi-197

MAT 8290

$(n, n') \alpha$

83-Bi-197

Radionuclide Production Cross Section

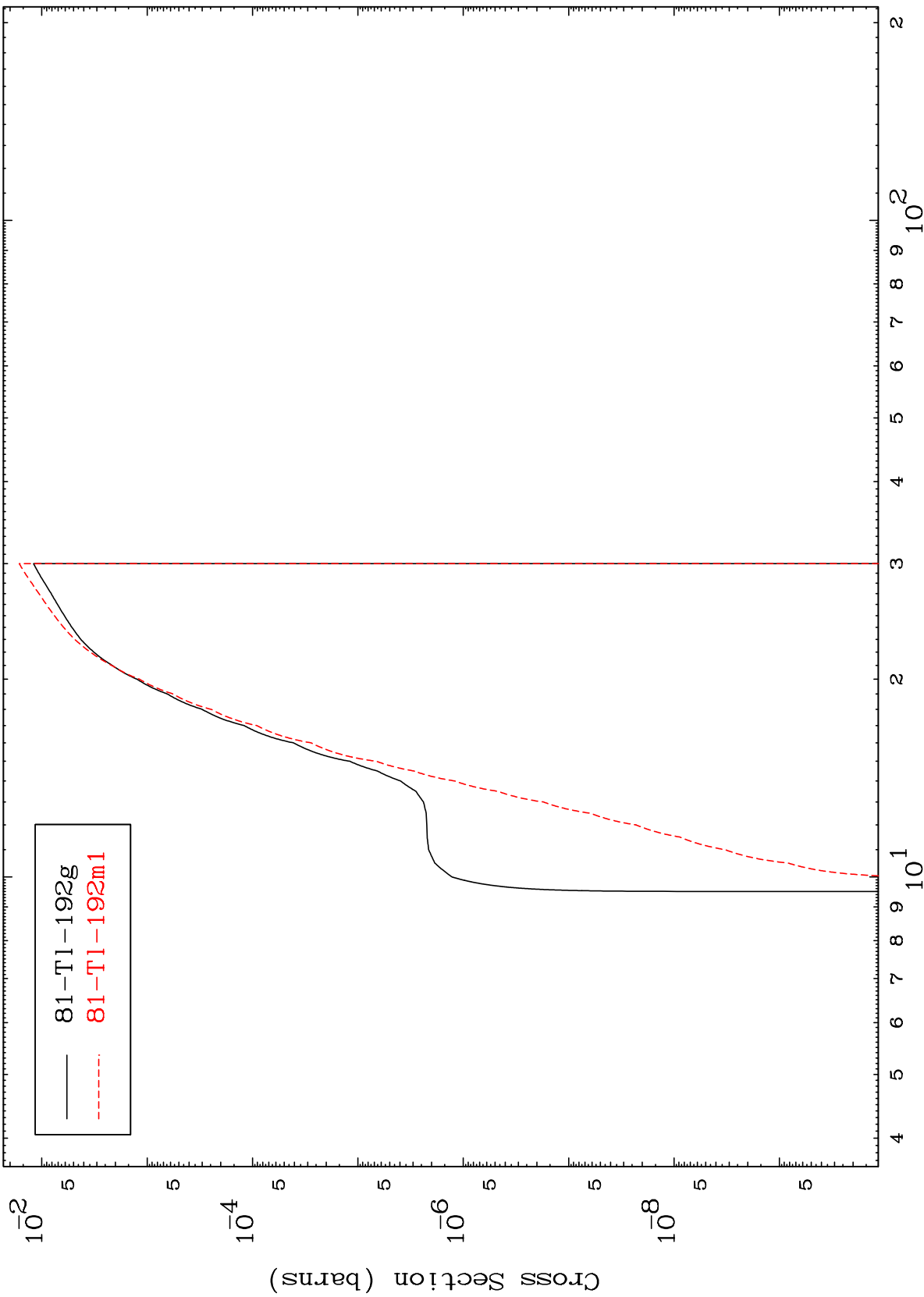


MAT 8290

$(n,2n) \alpha$

83-Bi-197

Radionuclide Production Cross Section



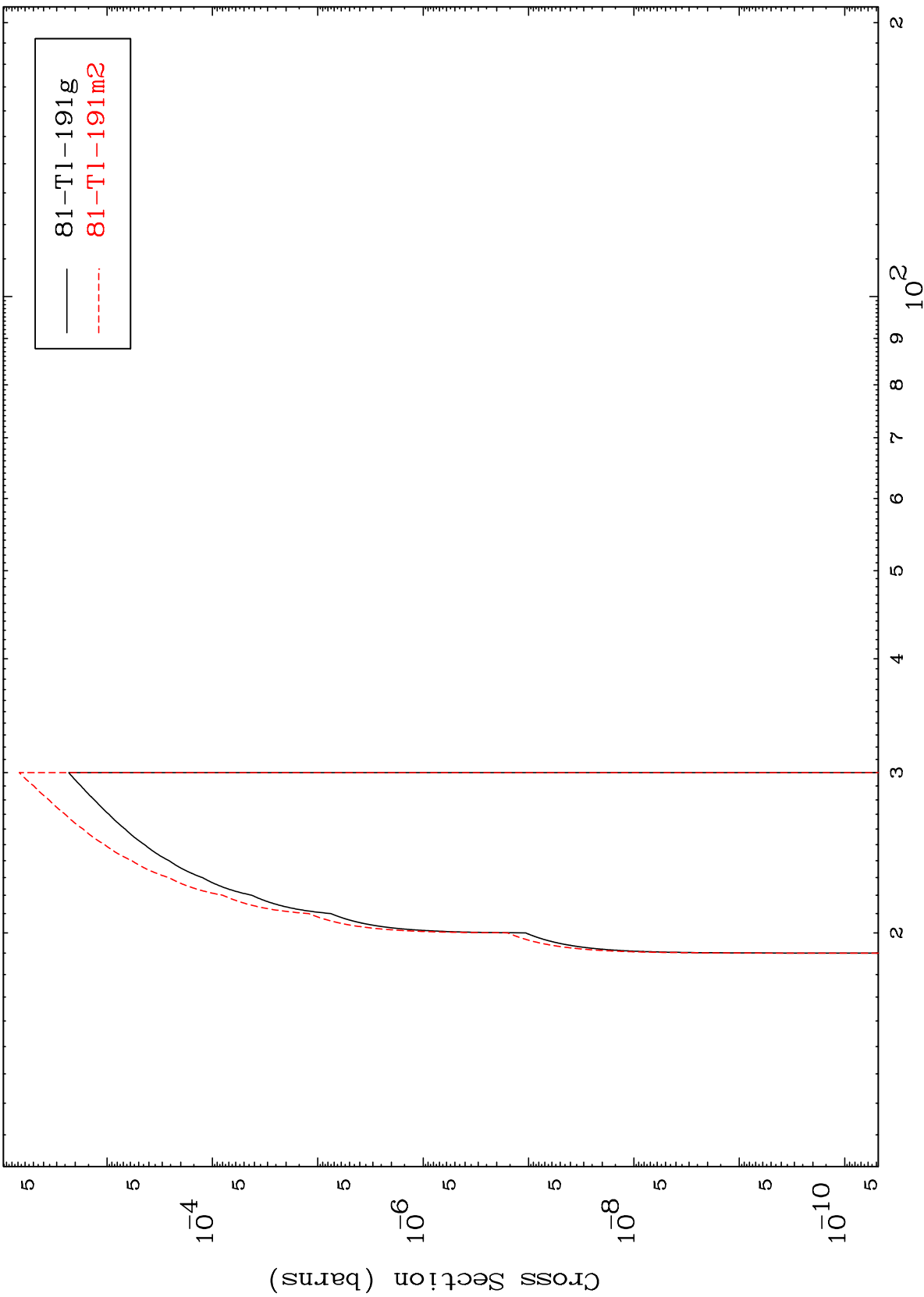
81-Tl-192g
81-Tl-192m1

Incident Energy (MeV)

83-Bi-197

22

Radionuclide Production Cross Section

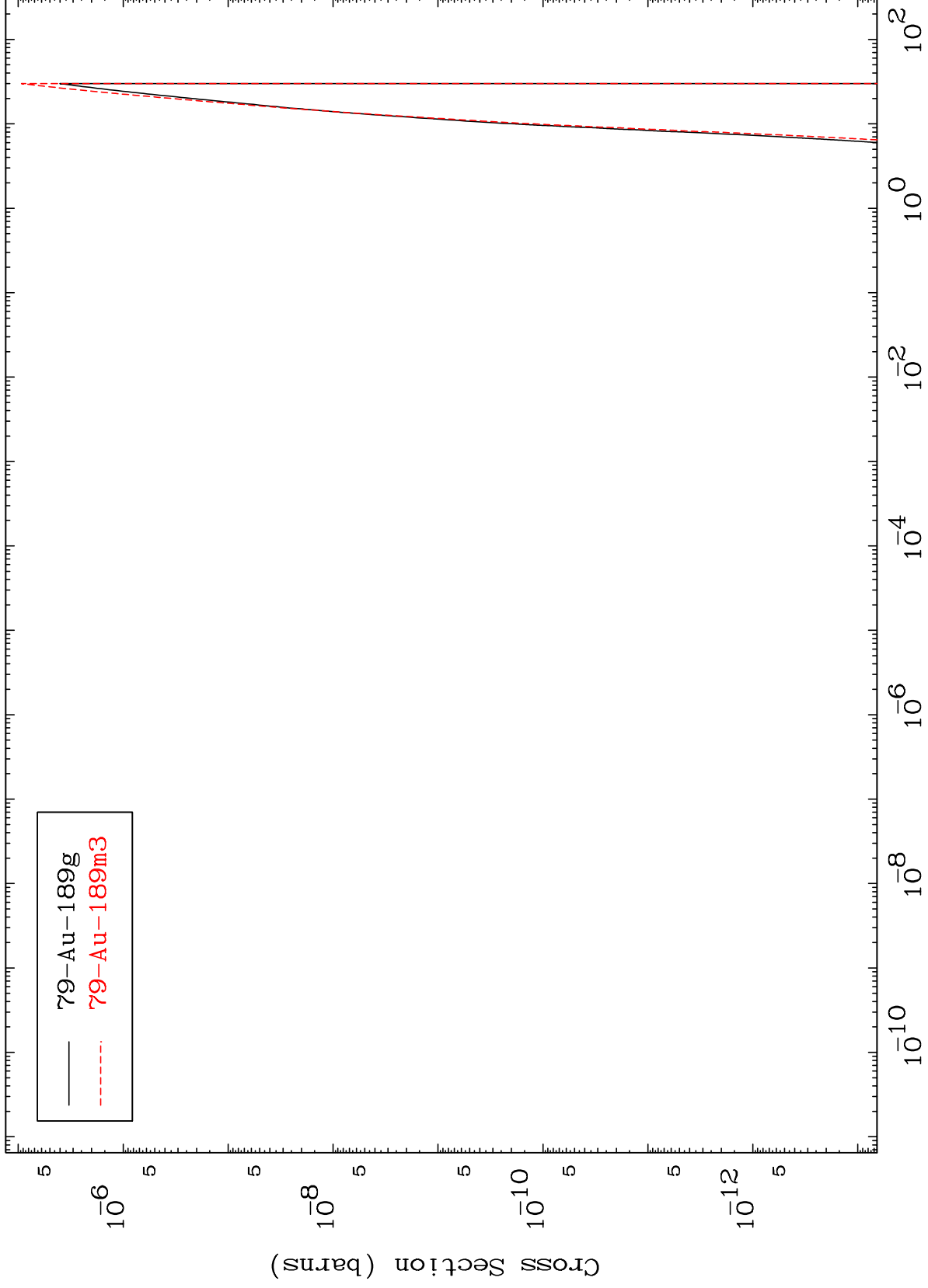


MAT 8290

(n,n') 2 α

83-Bi-197

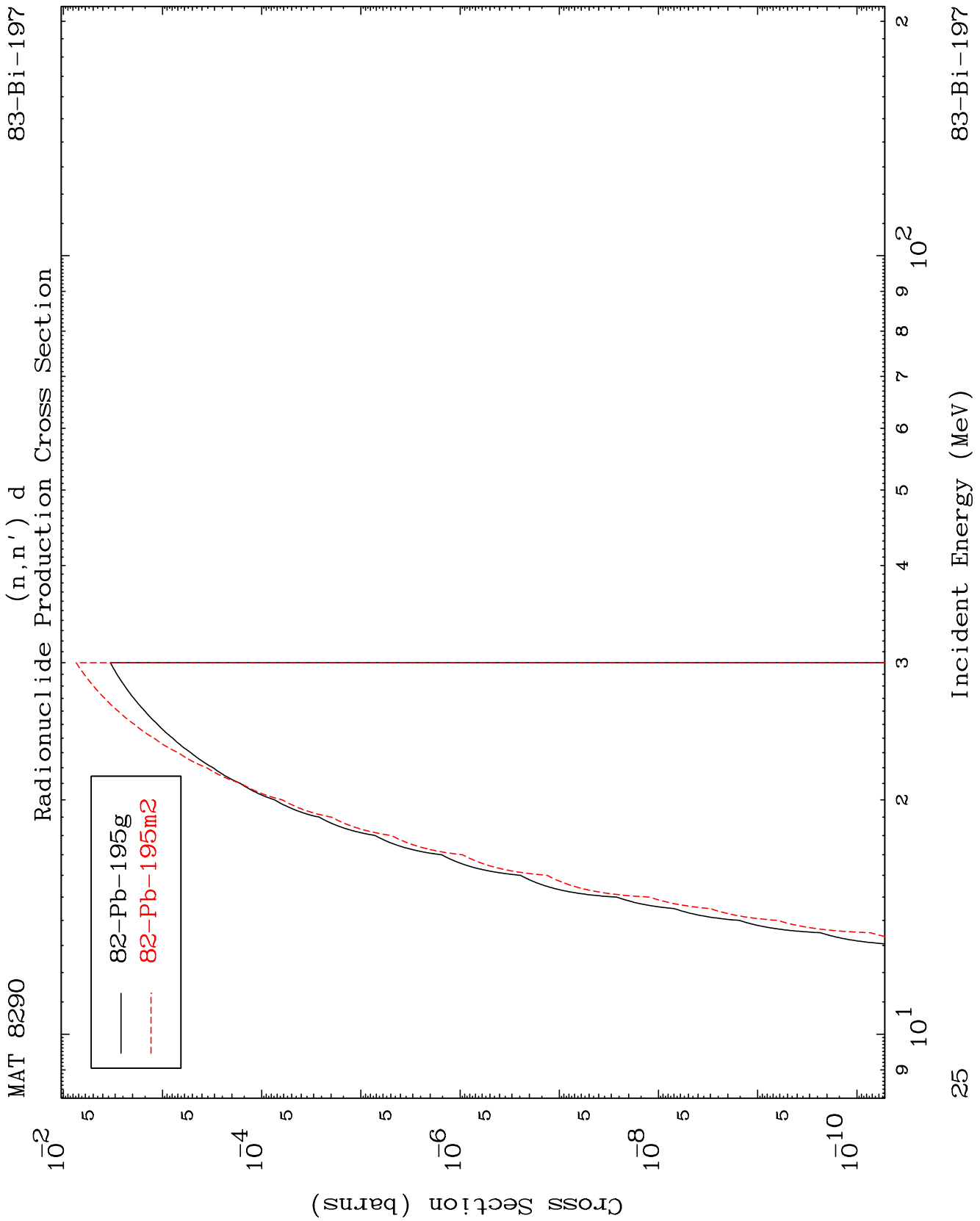
Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-197

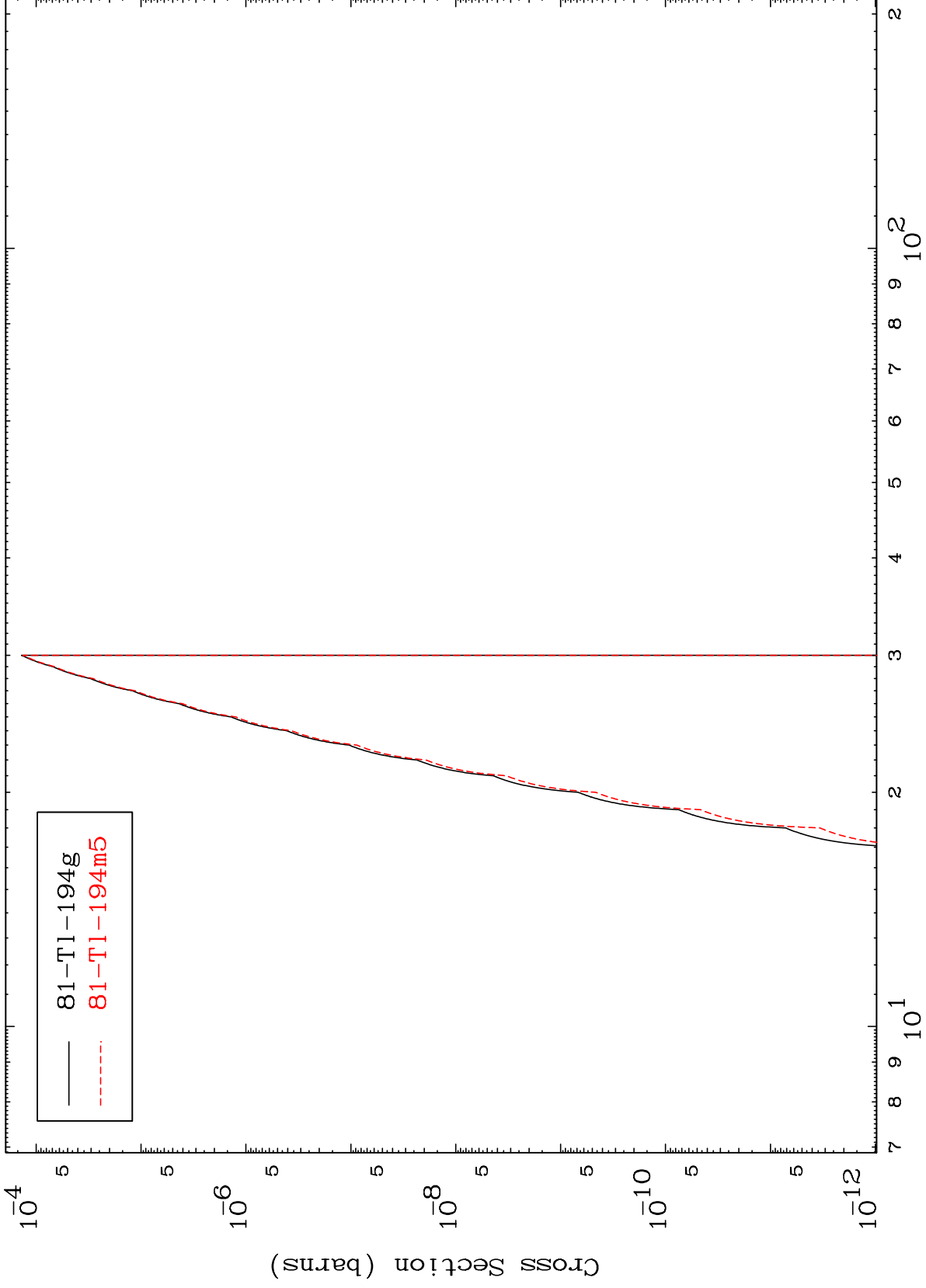


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(n,n') He-3

83-Bi-197

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

26

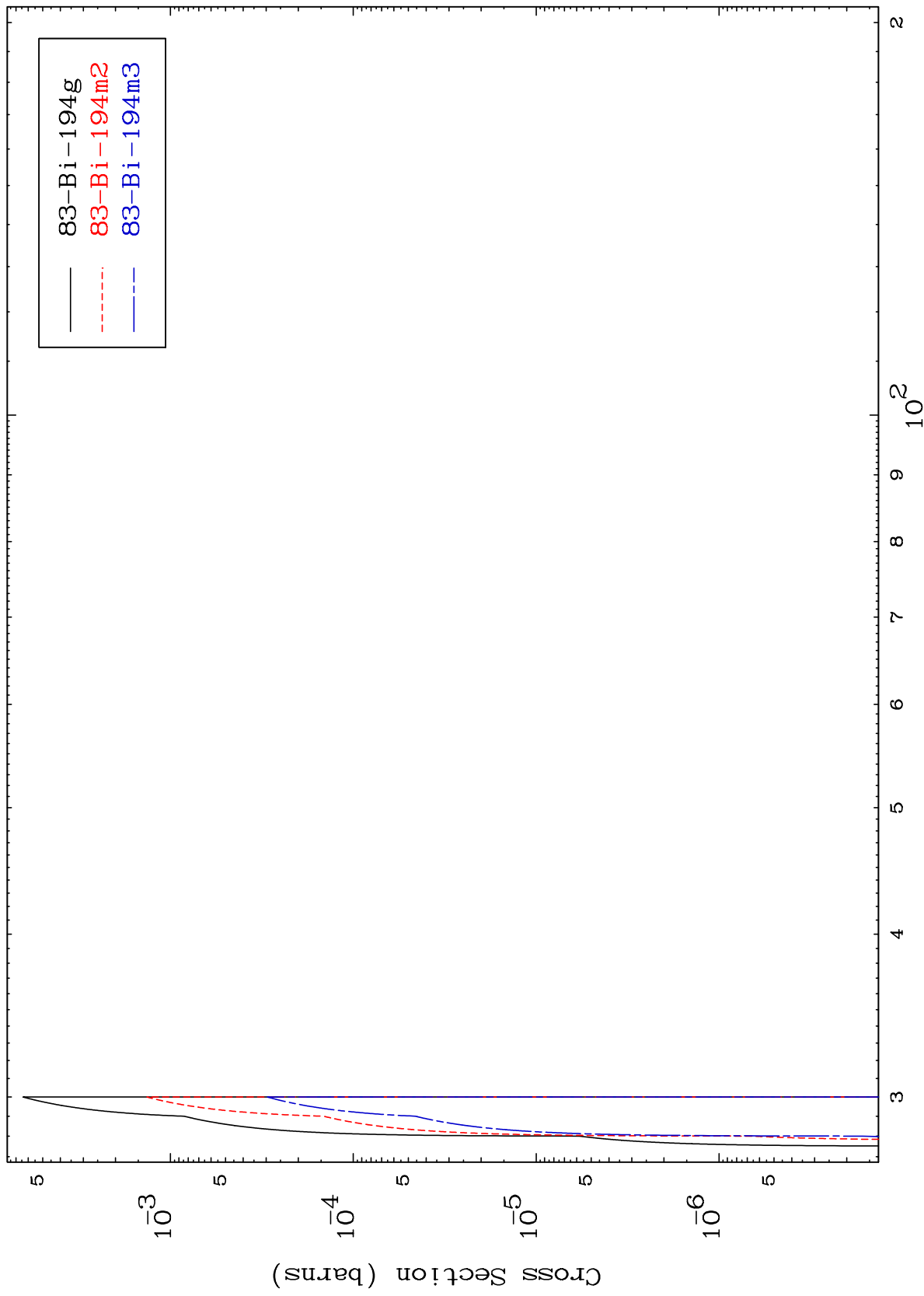
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

(n,4n)
Radionuclide Production Cross Section

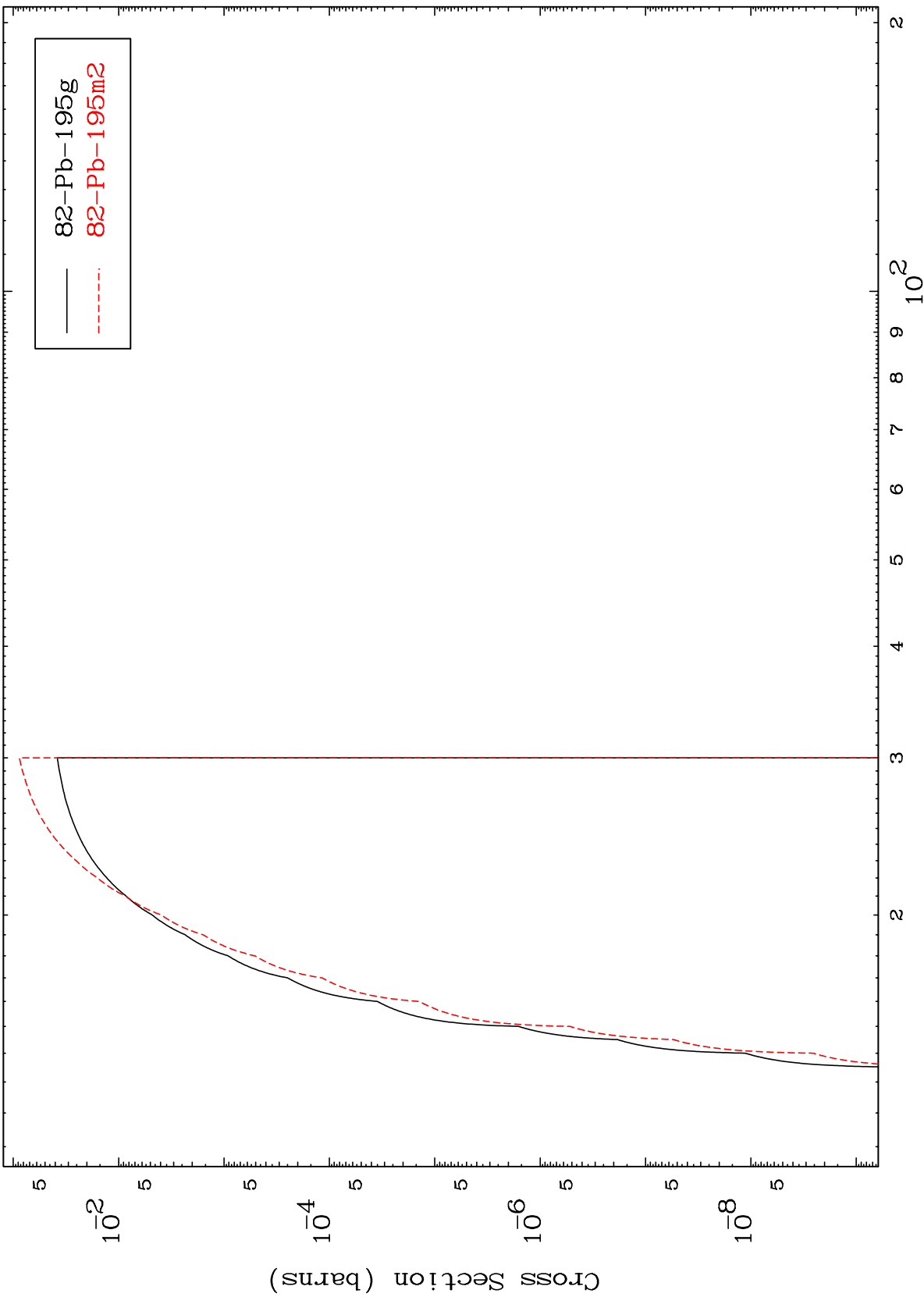


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83-Bi-197

Incident Energy (MeV)

Radionuclide Production Cross Section



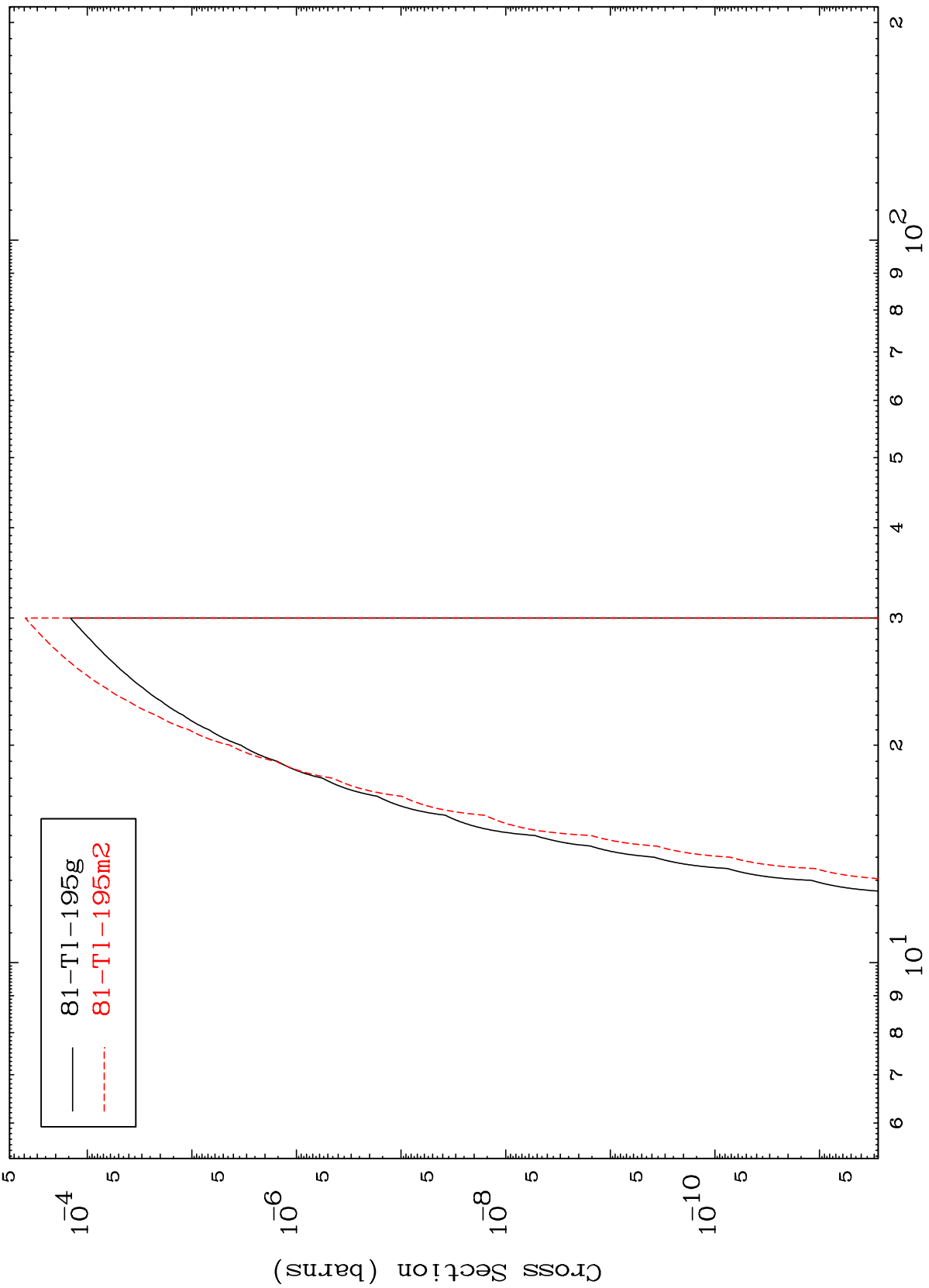
82-Pb-195g
82-Pb-195m2

MAT 8290

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



29

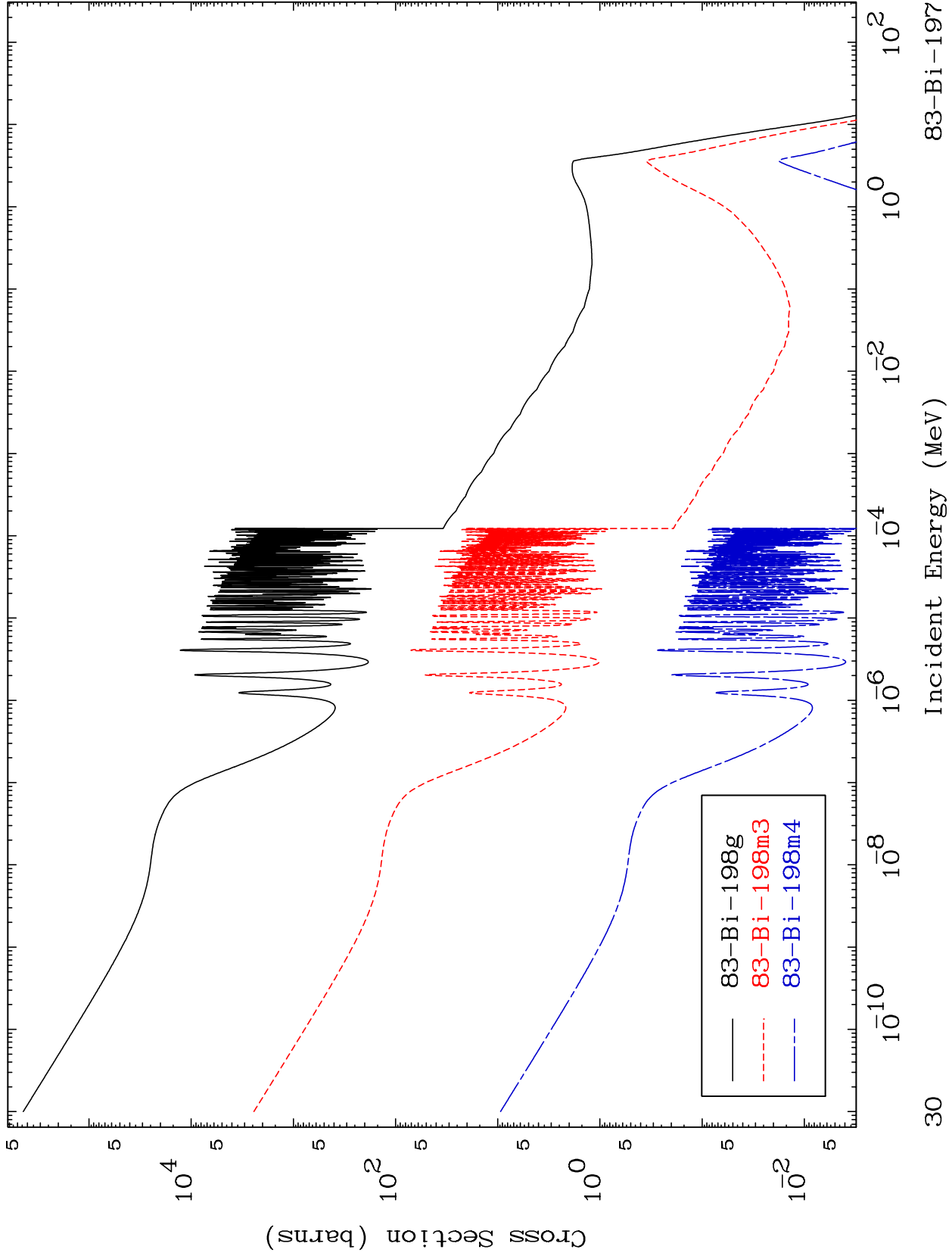
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

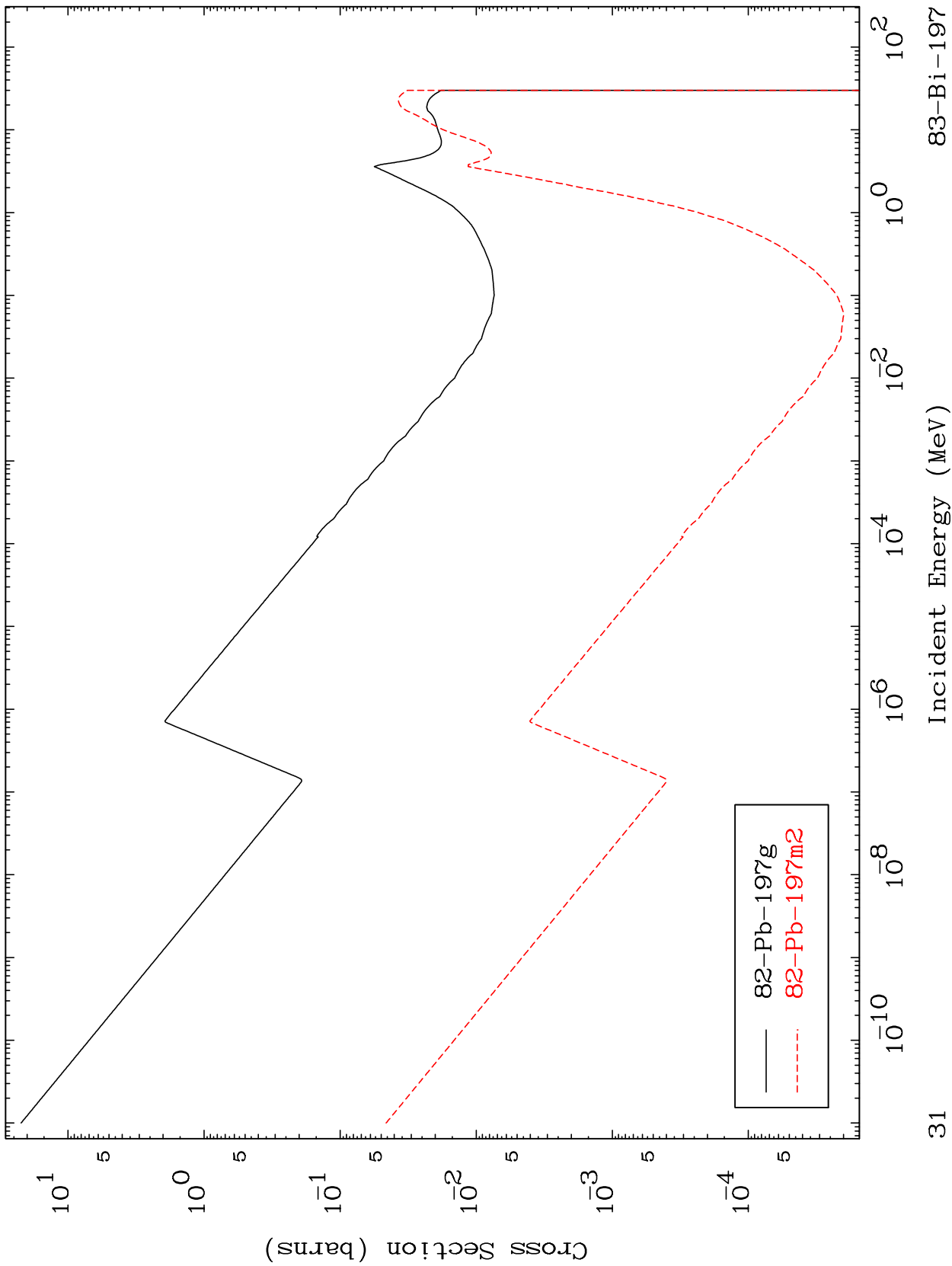
(n, γ)
Radionuclide Production Cross Section



MAT 8290

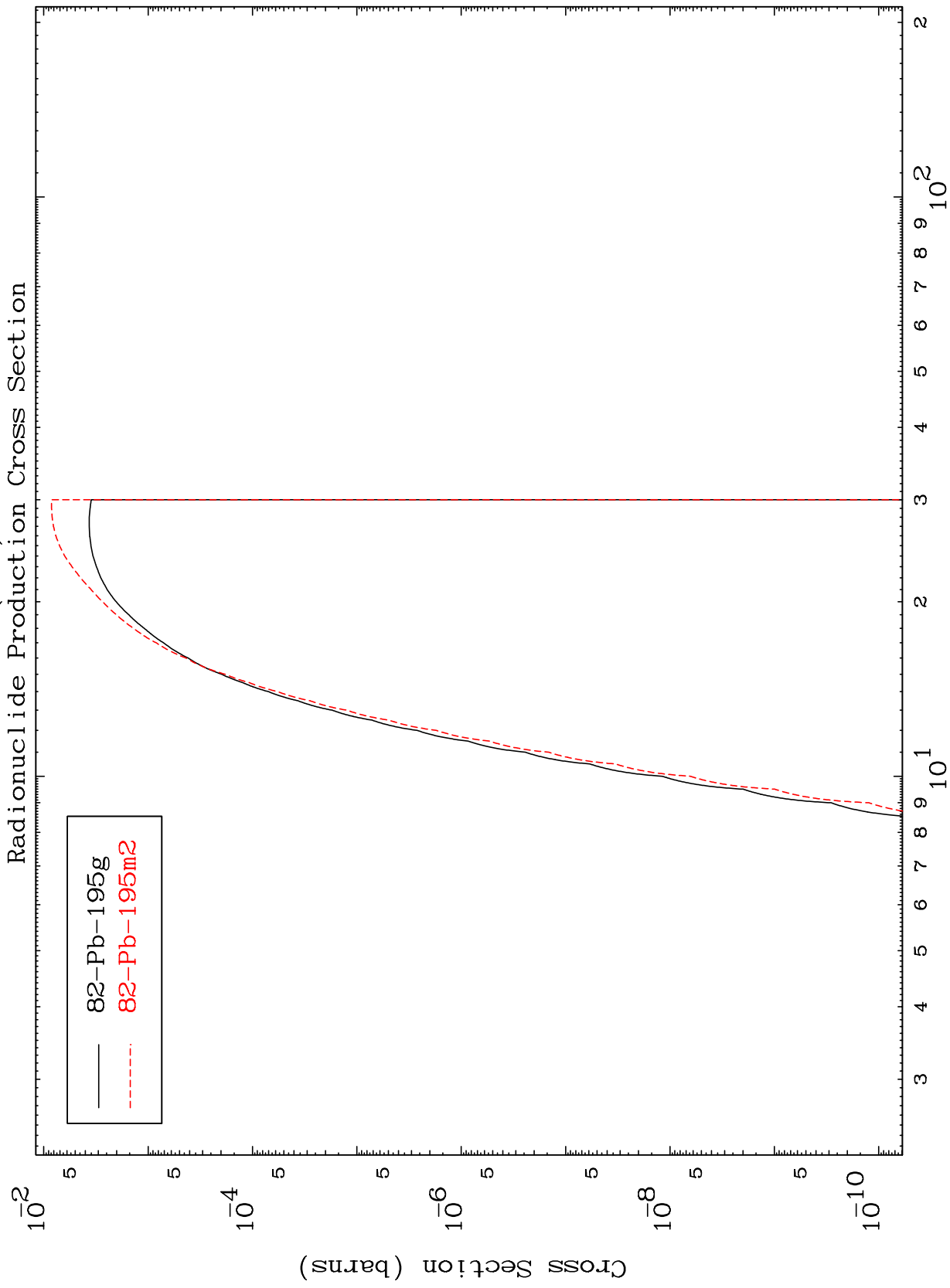
83-Bi-197

(n,p)
Radionuclide Production Cross Section



MAT 8290

83-Bi-197



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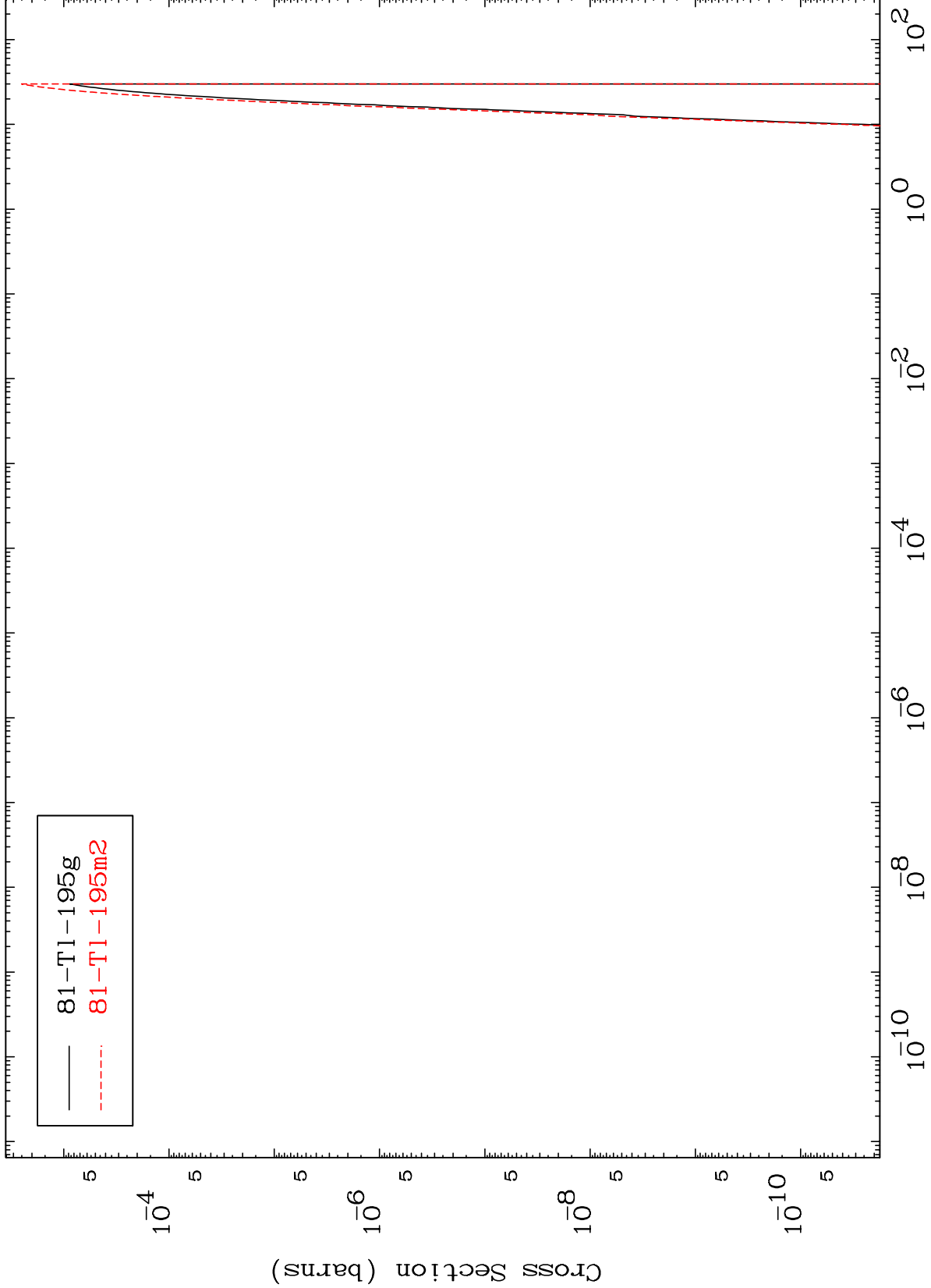
83-Bi-197

MAT 8290

(n,He-3)

83-Bi-197

Radionuclide Production Cross Section



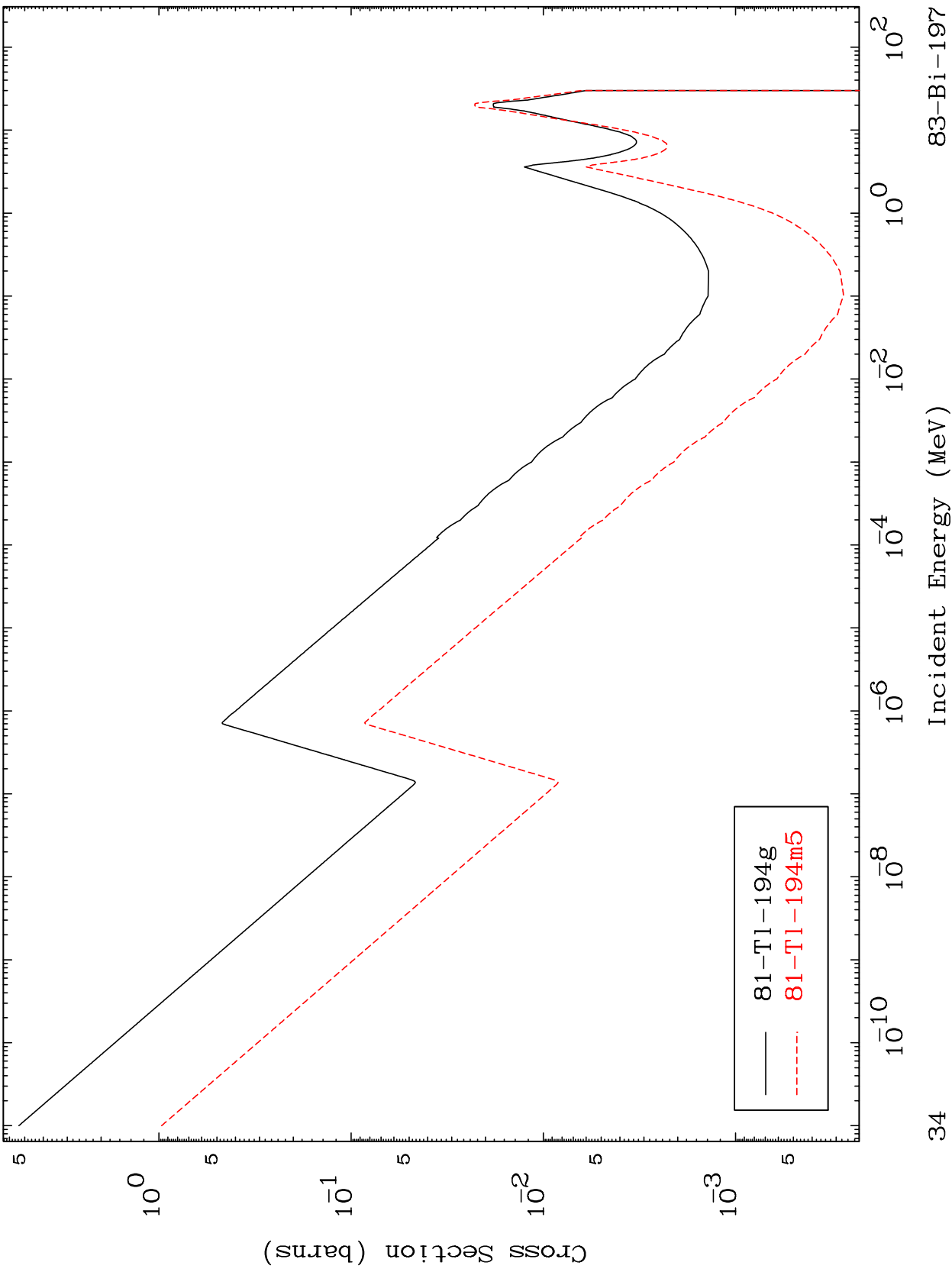
81-Tl-195g
81-Tl-195m2

MAT 8290

(n, α)

83-Bi-197

Radionuclide Production Cross Section

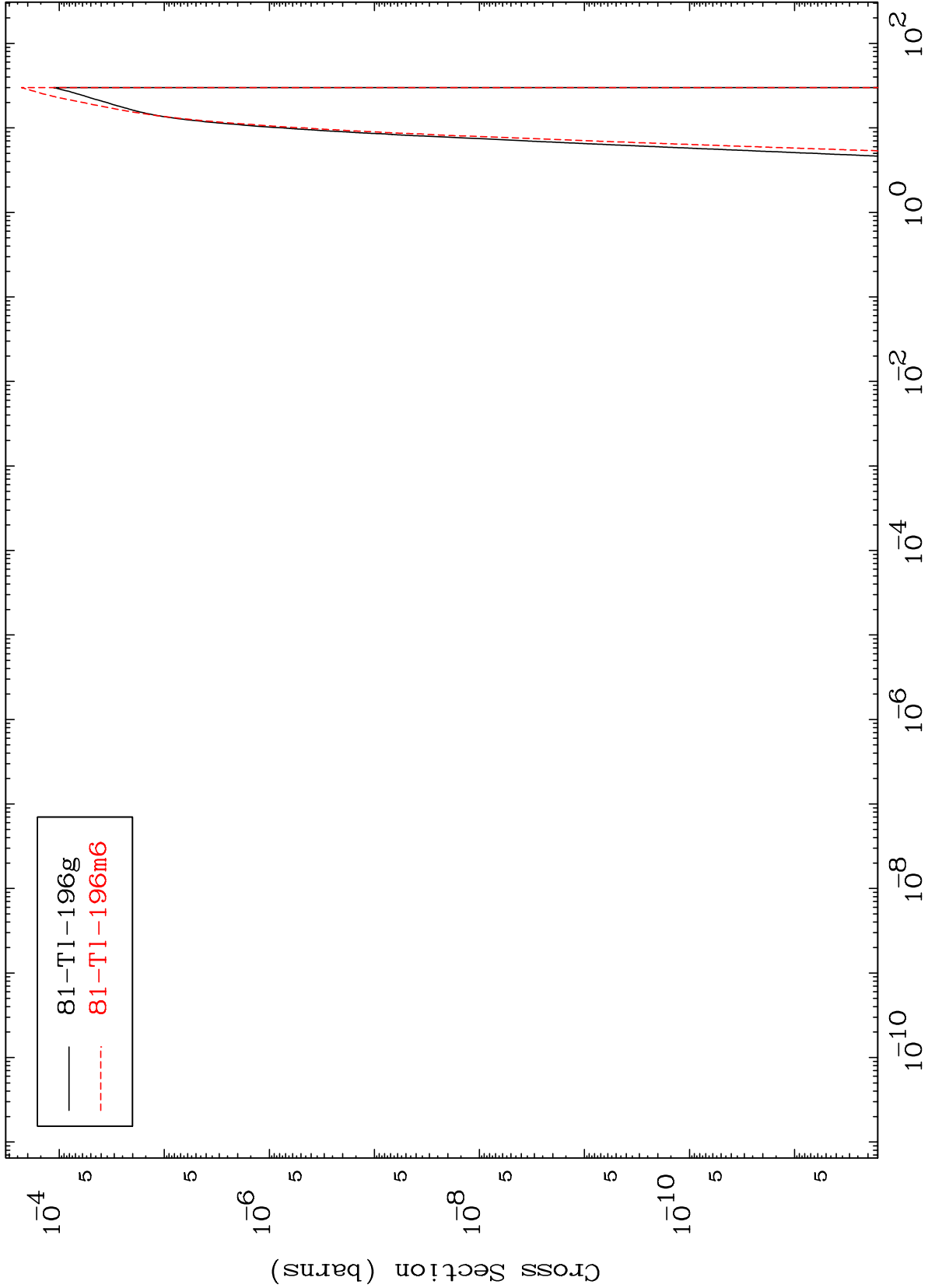


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(n,2p)

83-Bi-197

Radionuclide Production Cross Section



35

Incident Energy (MeV)

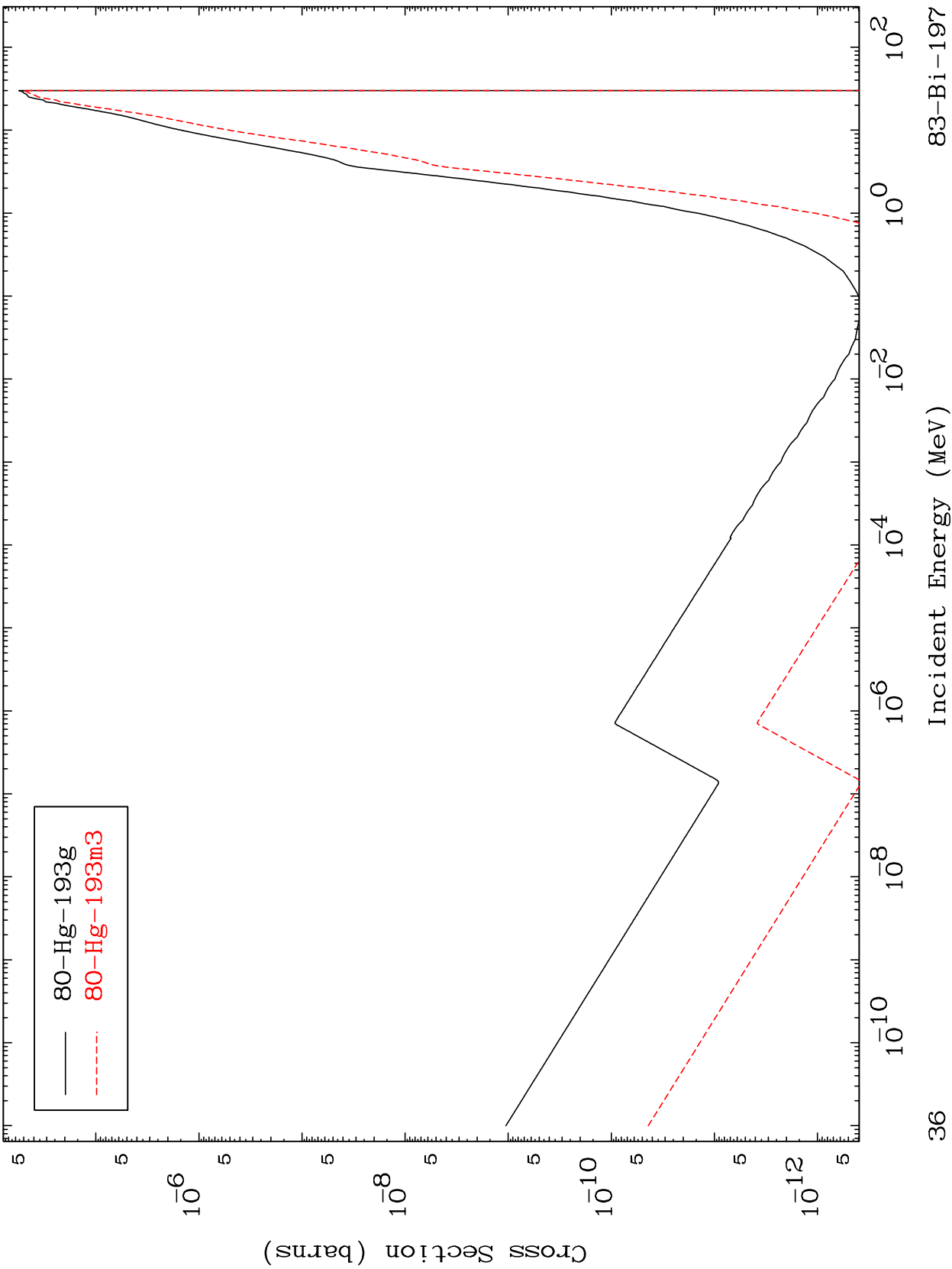
83-Bi-197

MAT 8290

(n,p) α

83-Bi-197

Radionuclide Production Cross Section



36

Incident Energy (MeV)

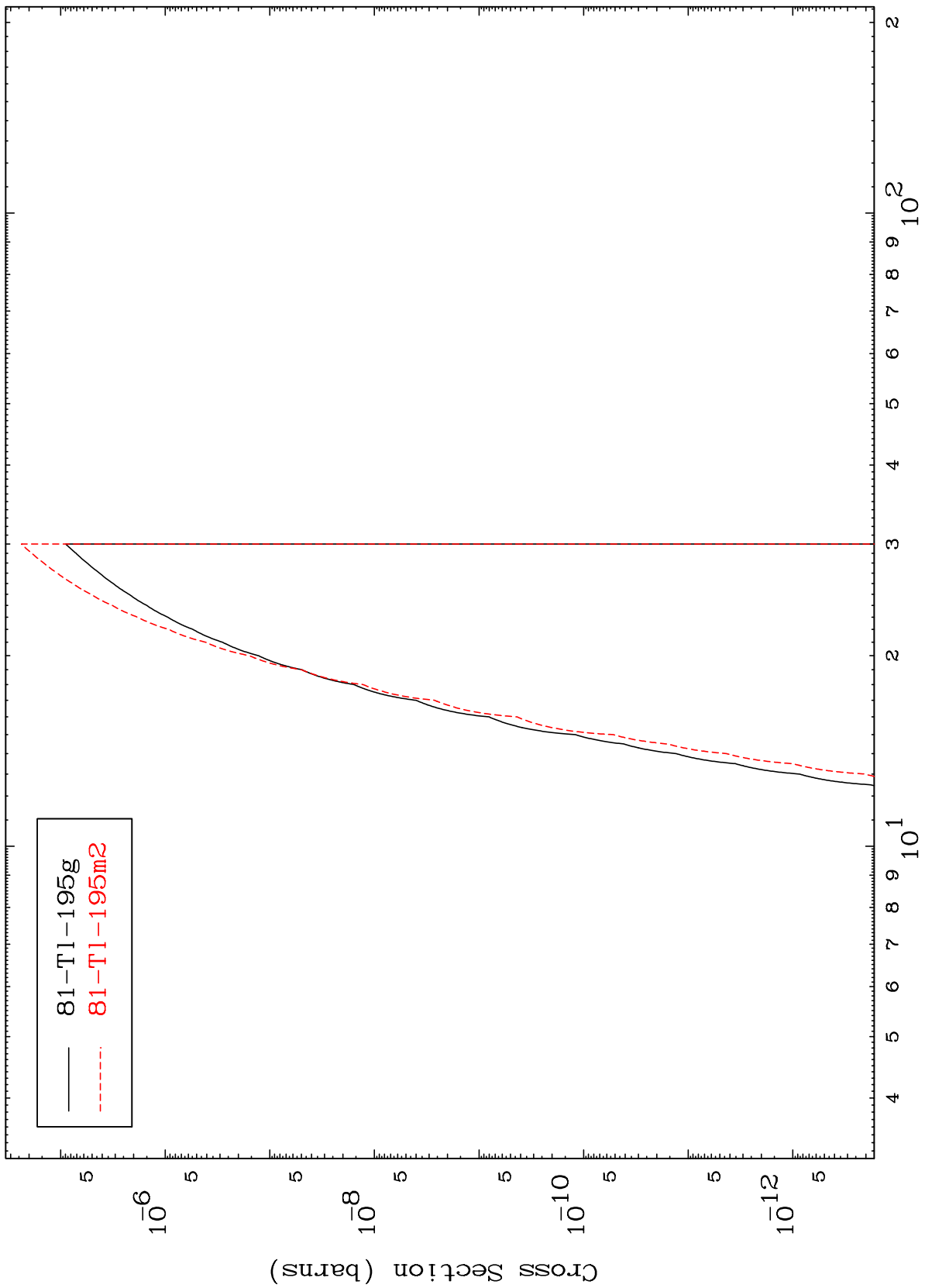
83-Bi-197

MAT 8290

(n,p) d

83-Bi-197

Radionuclide Production Cross Section



37

Incident Energy (MeV)

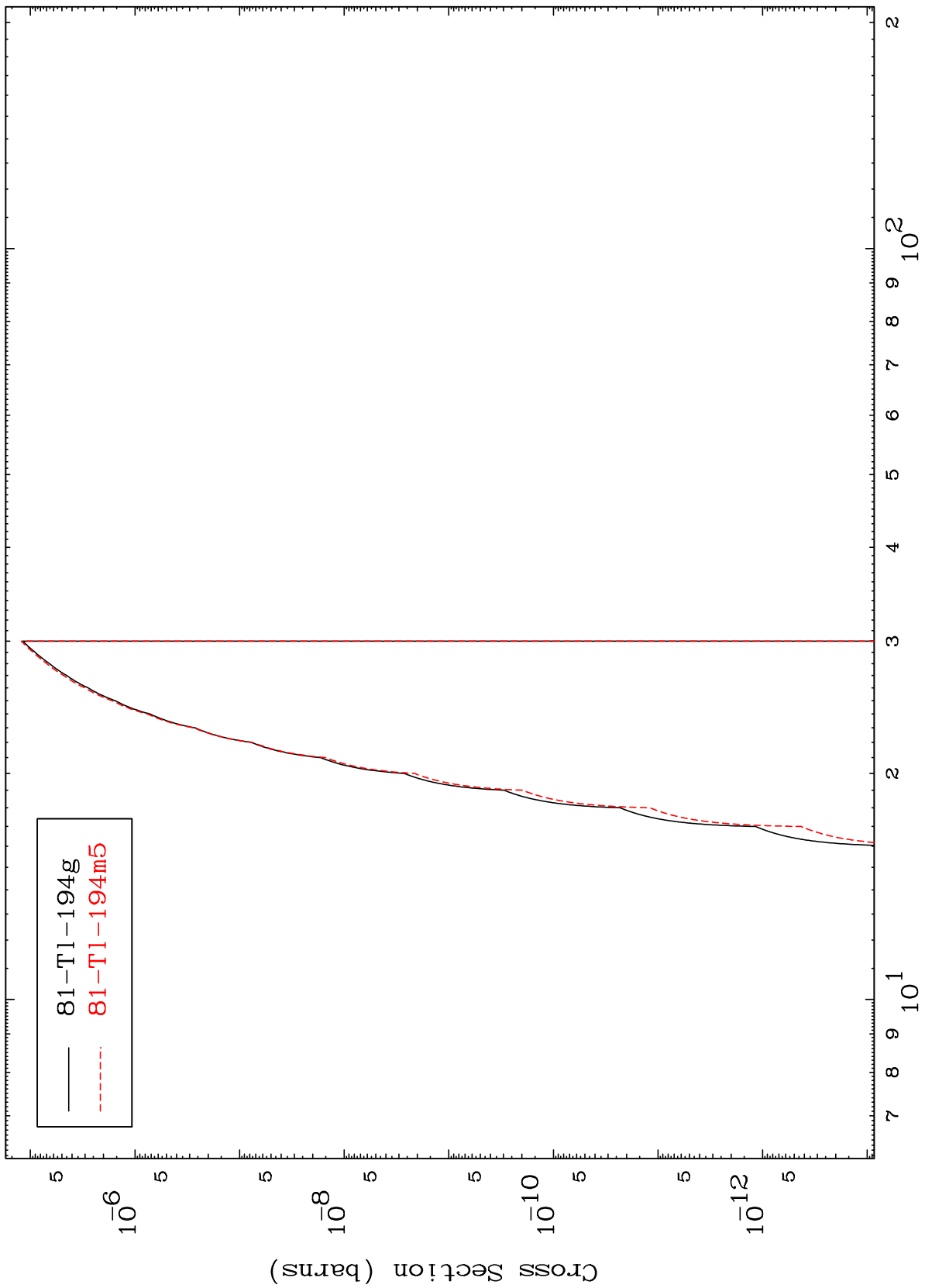
83-Bi-197

MAT 8290

(n,p) t

83-Bi-197

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

Incident Energy (MeV)

83-Bi-197

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