

Program EVALPLOT
(Version 2021-1)

by

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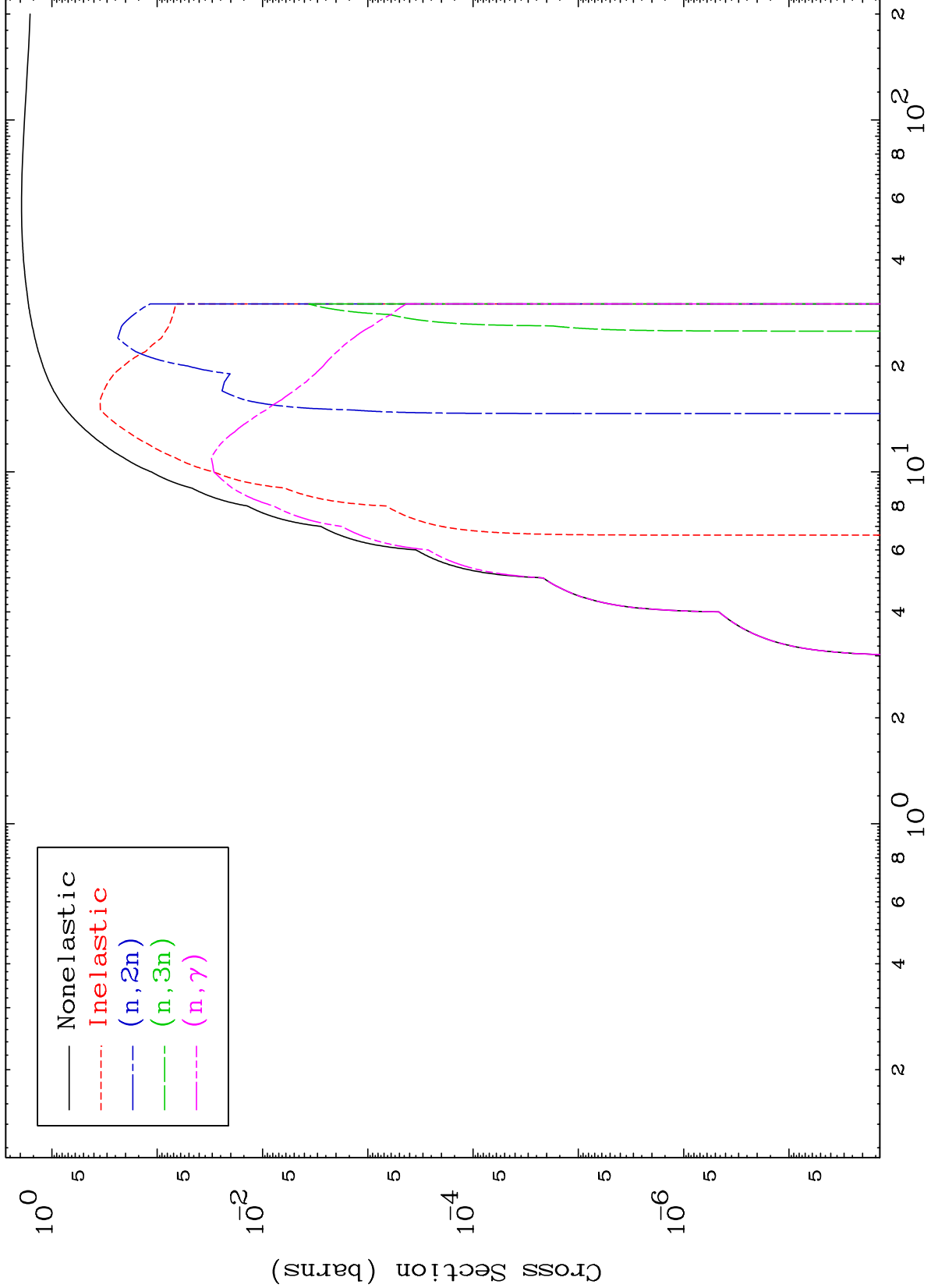
Press Mouse Button to Start

MAT 8290

Proton Major

83-Bi-197m

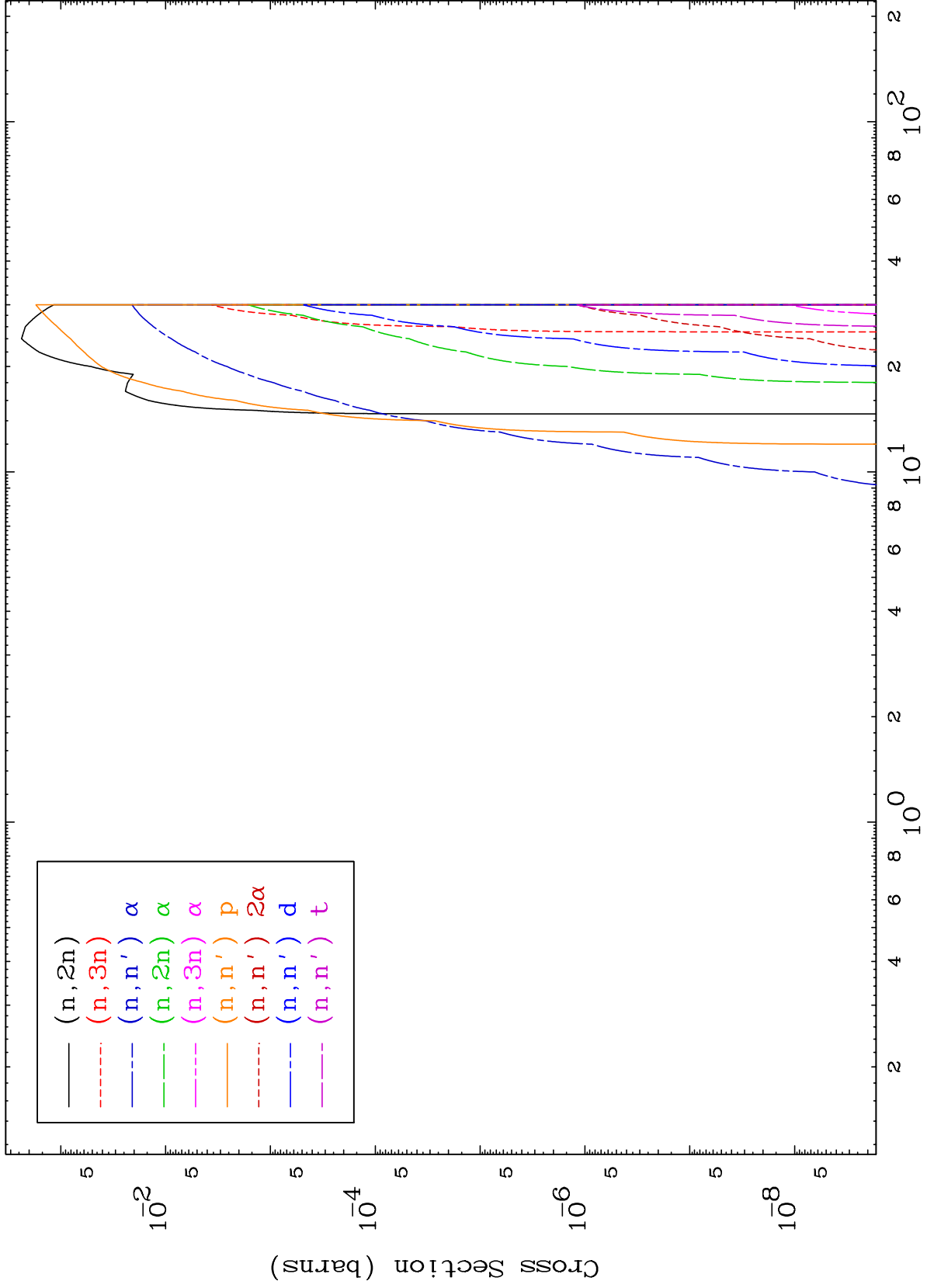
0 Kelvin Cross Sections



MAT 8290

Proton Neutron Absorption
0 Kelvin Cross Sections

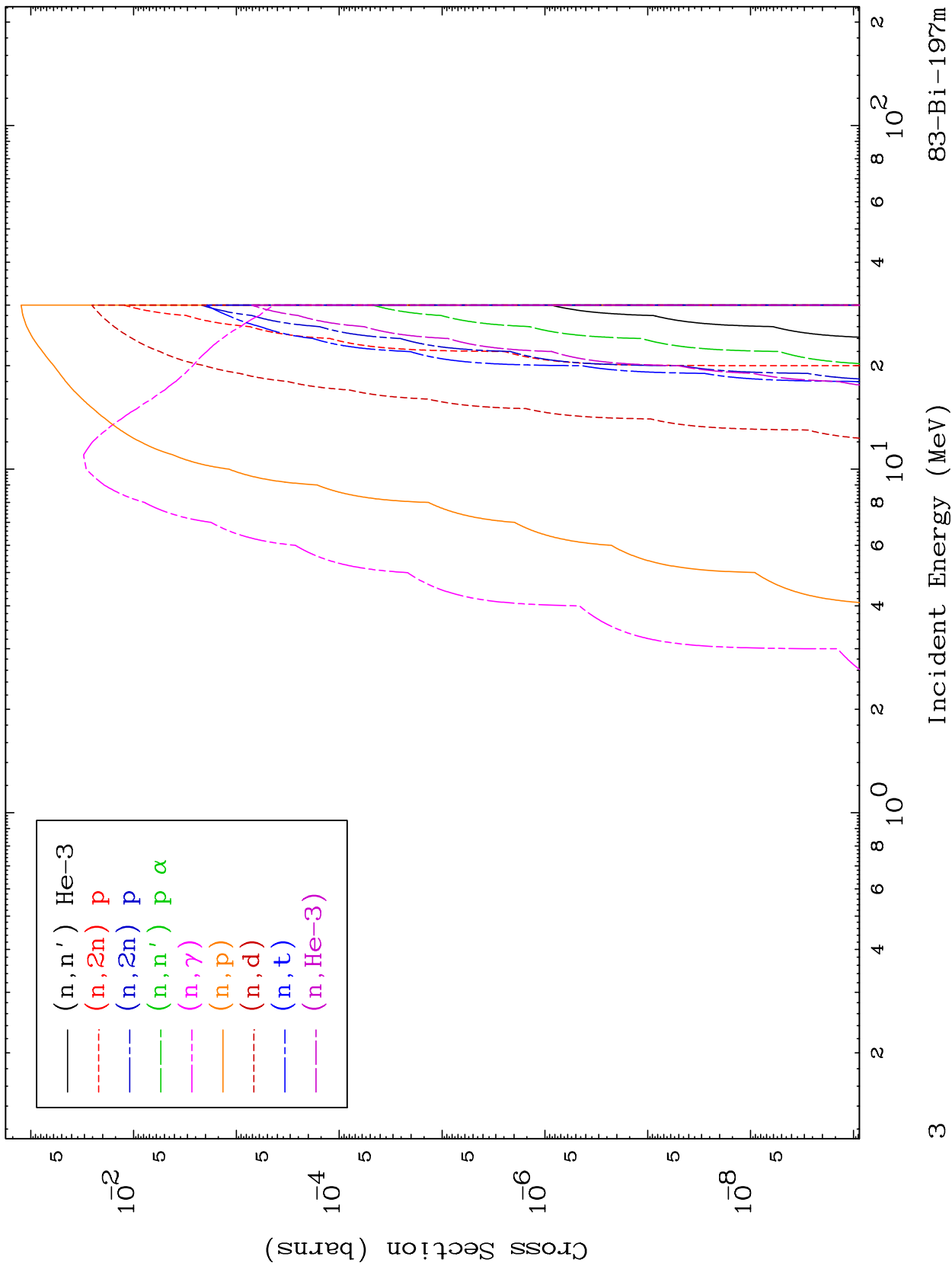
83-Bi-197m



MAT 8290

Proton Neutron Absorption
0 Kelvin Cross Sections

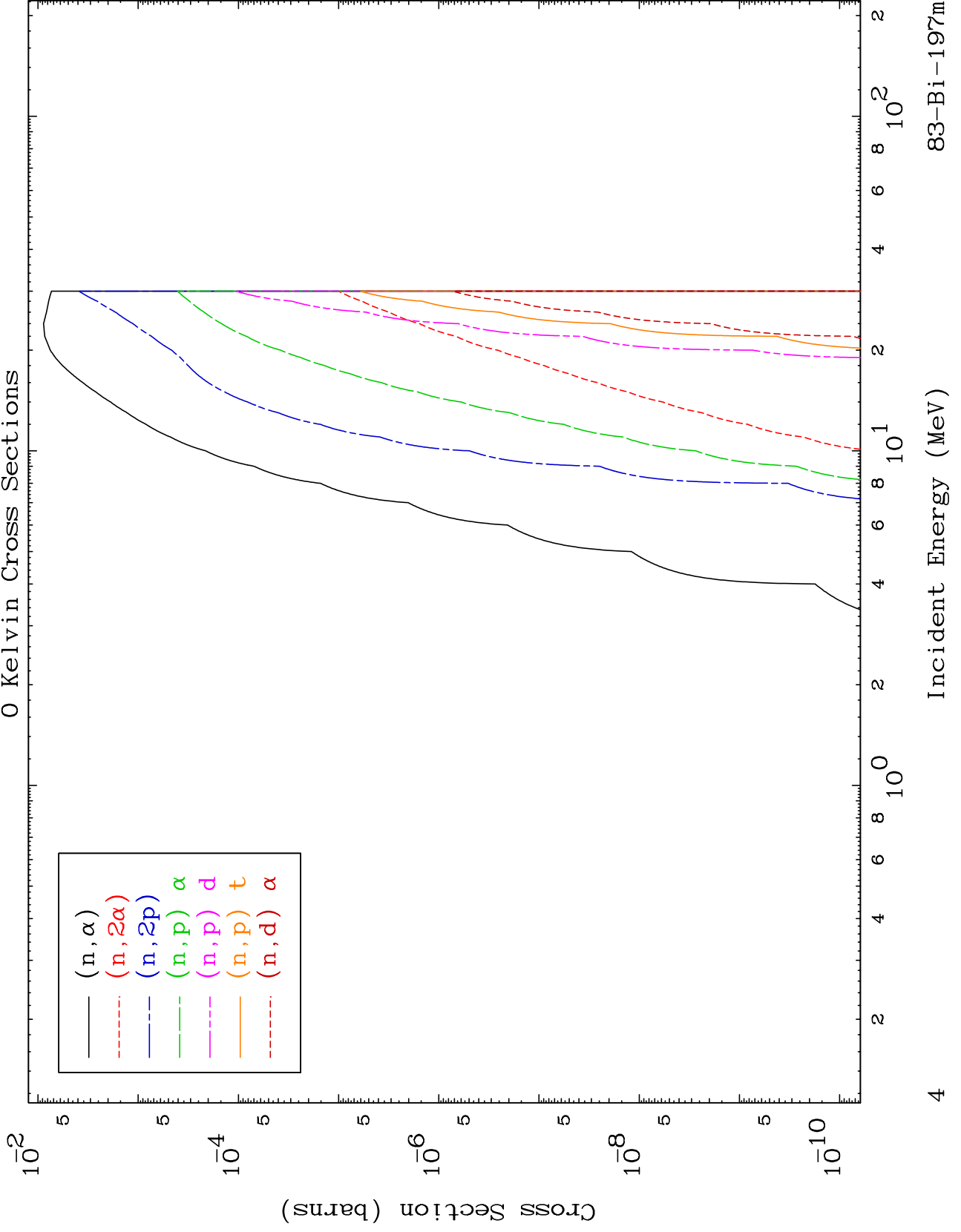
83-Bi-197m

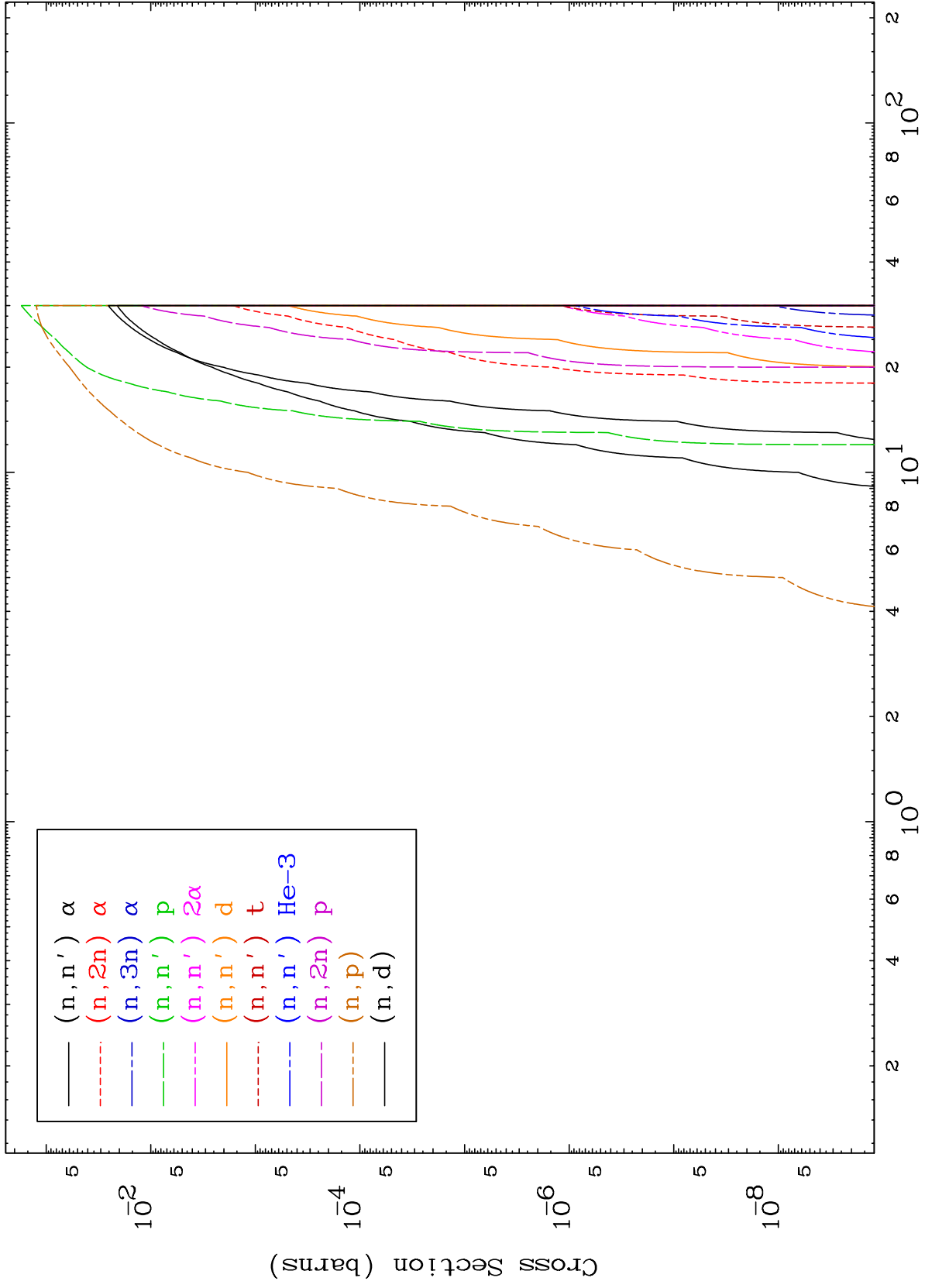


MAT 8290

Proton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-197m

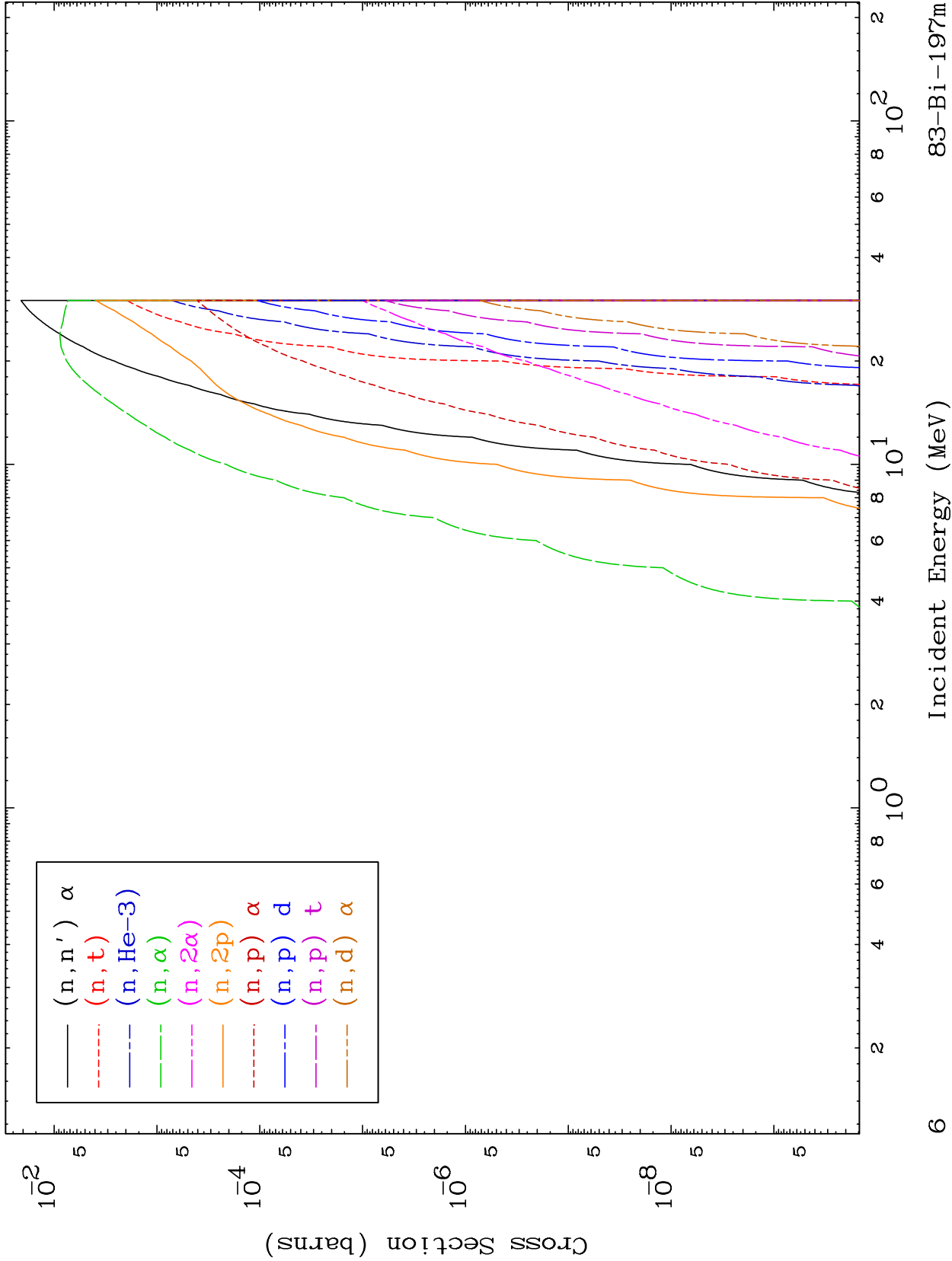




MAT 8290

Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-197m

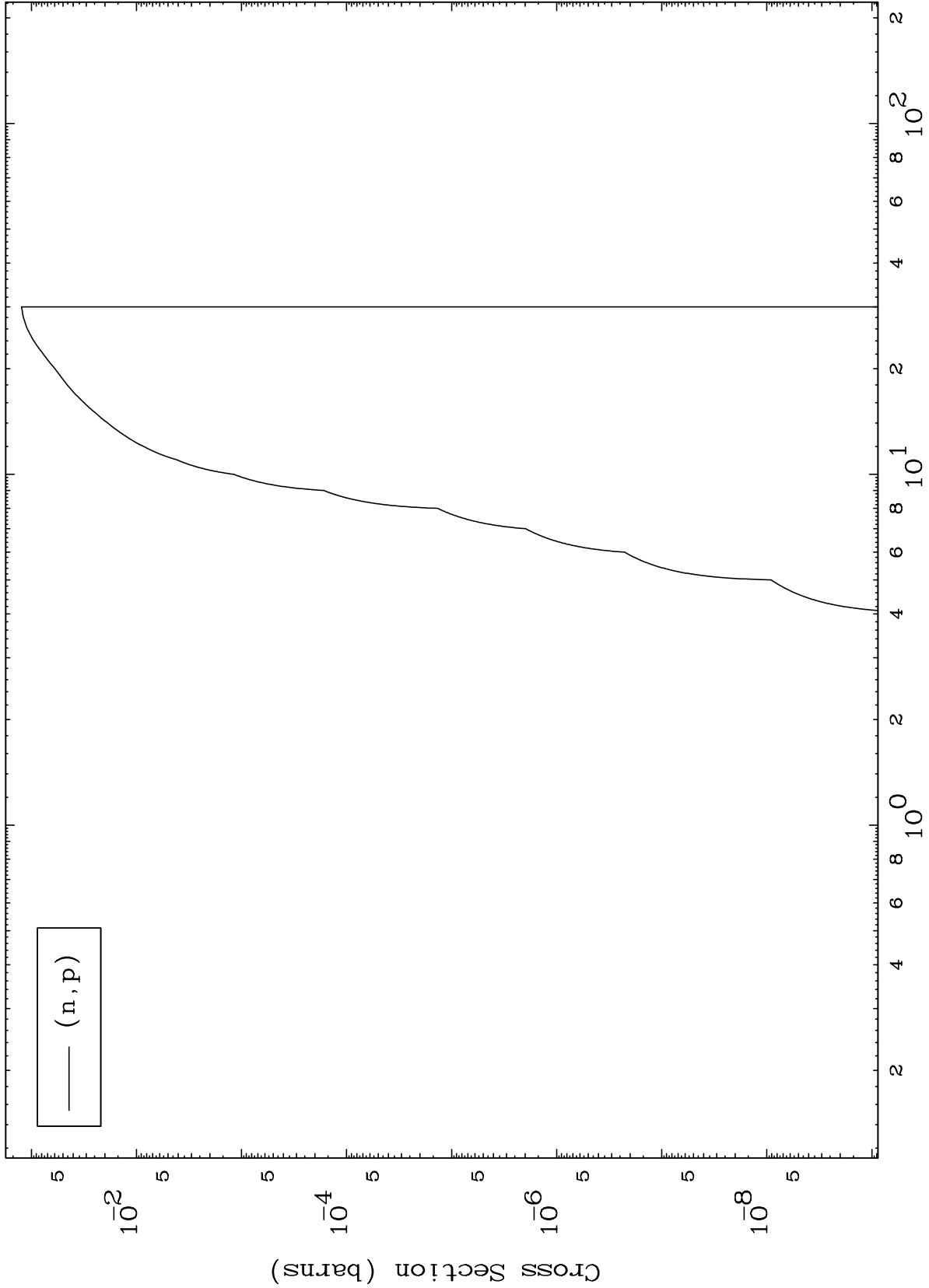


MAT 8290

(p,p) Levels

83-Bi-197m

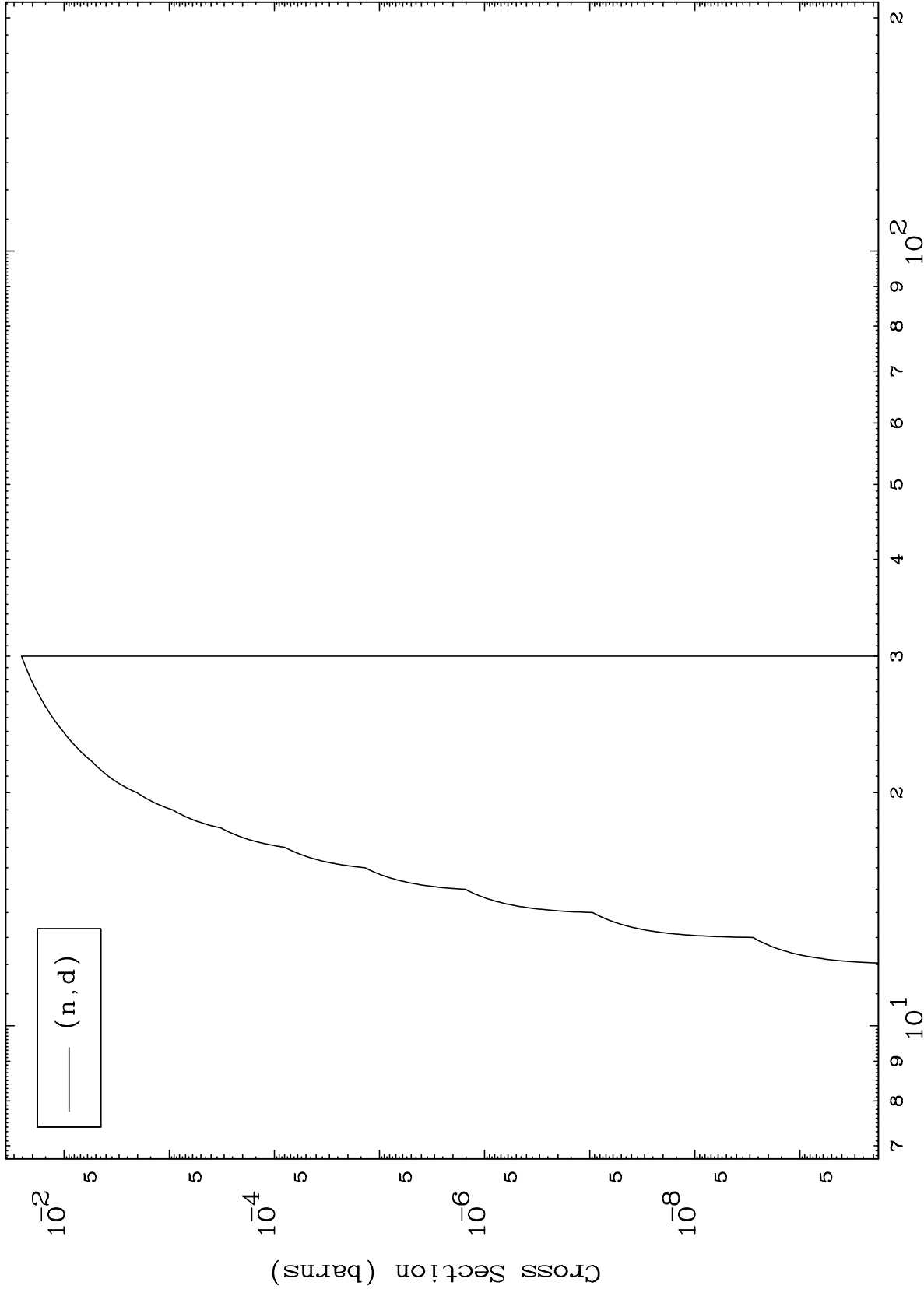
0 Kelvin Cross Sections



MAT 8290

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-197m



8

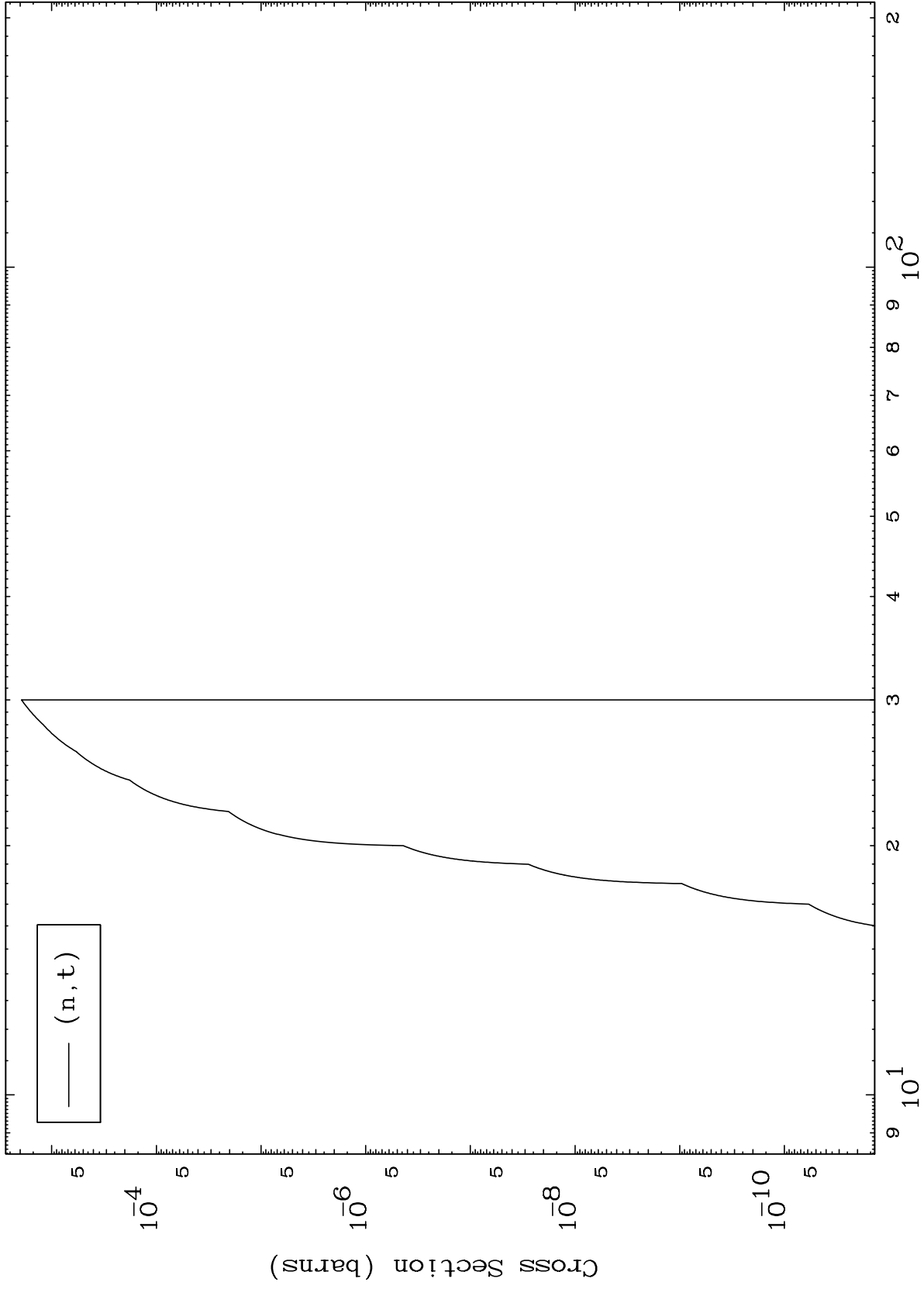
Incident Energy (MeV)

83-Bi-197m

MAT 8290

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-197m



9

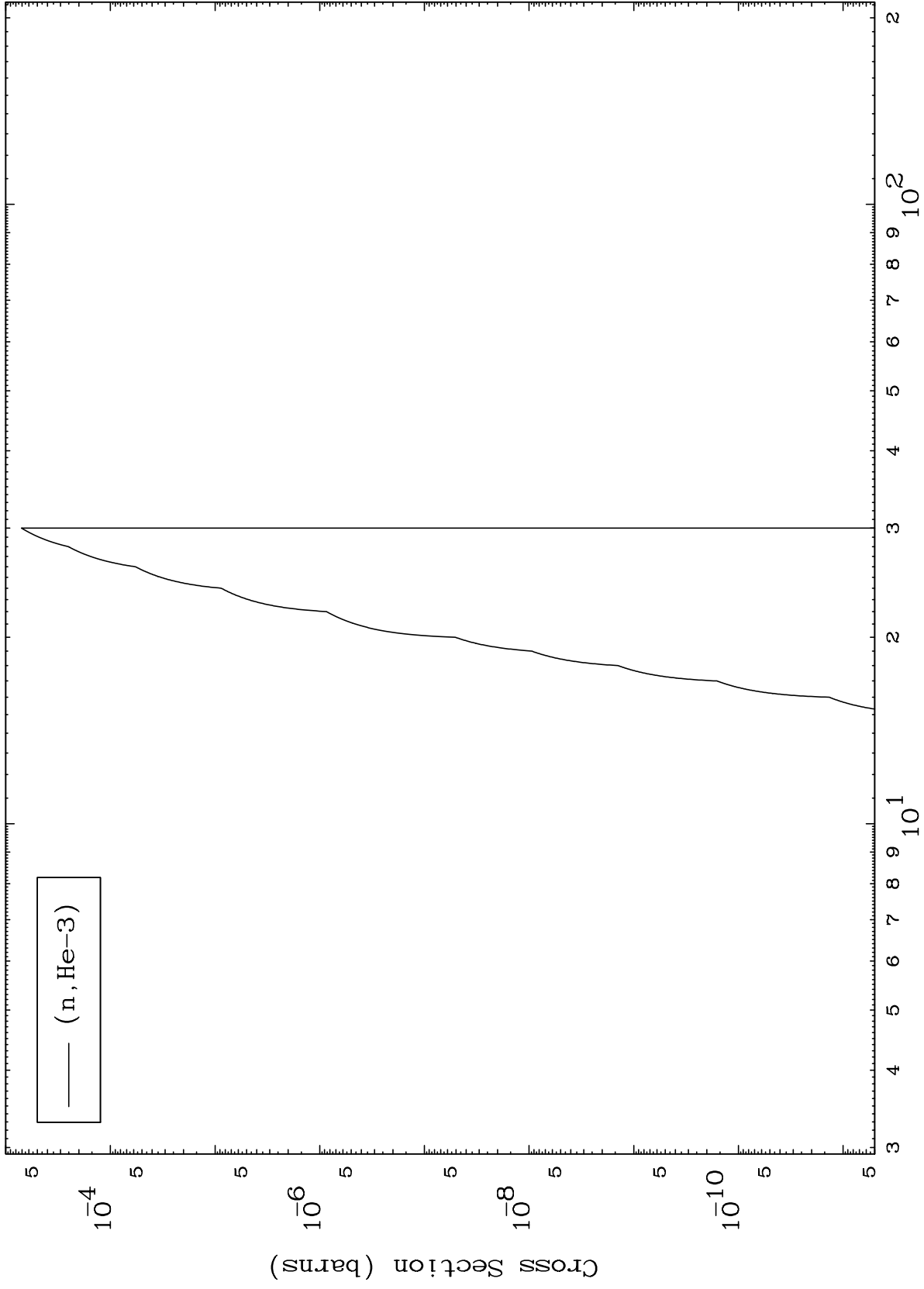
Incident Energy (MeV)

83-Bi-197m

MAT 8290

(p,He3) Levels
0 Kelvin Cross Sections

83-Bi-197m



83-Bi-197m

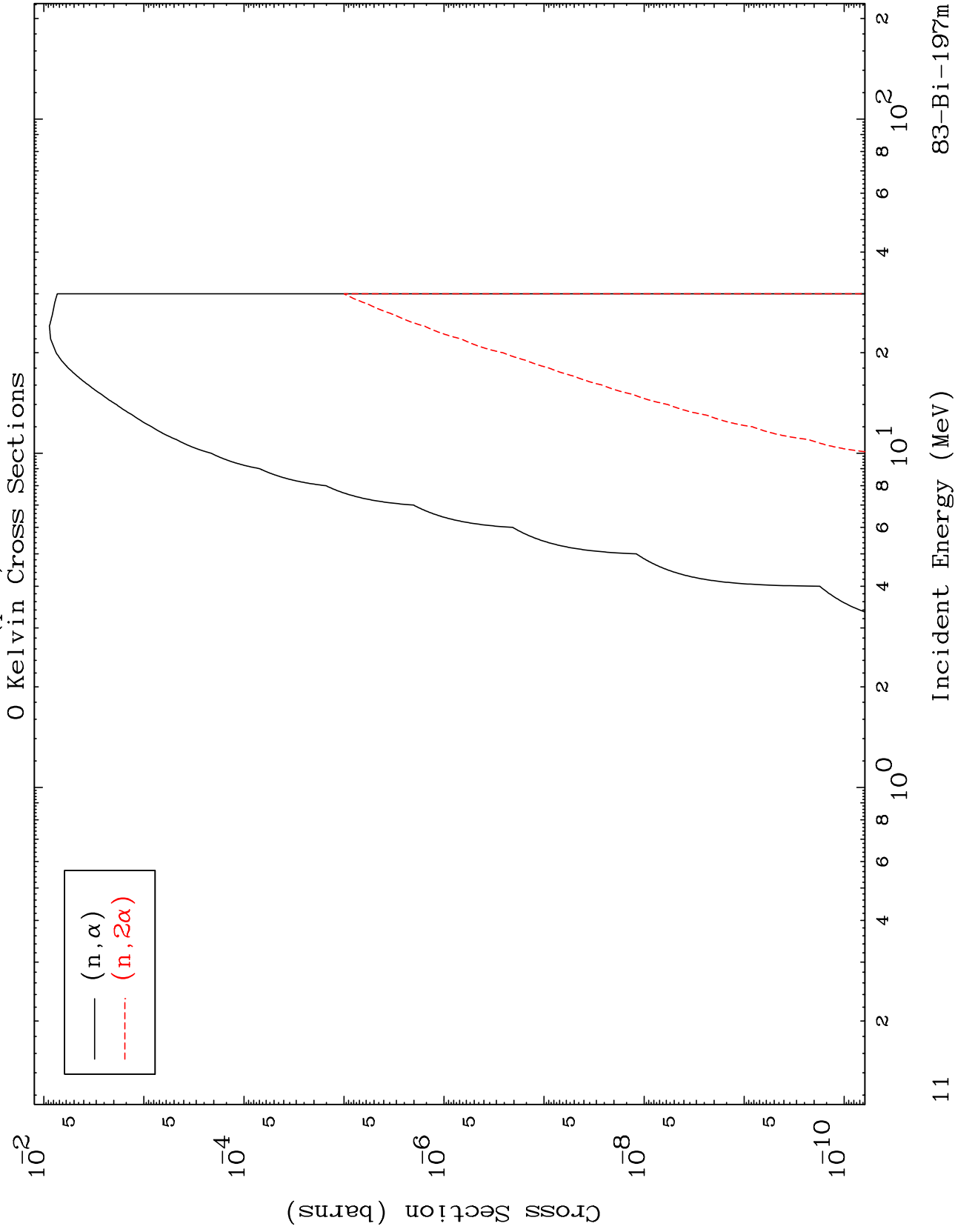
Incident Energy (MeV)

10

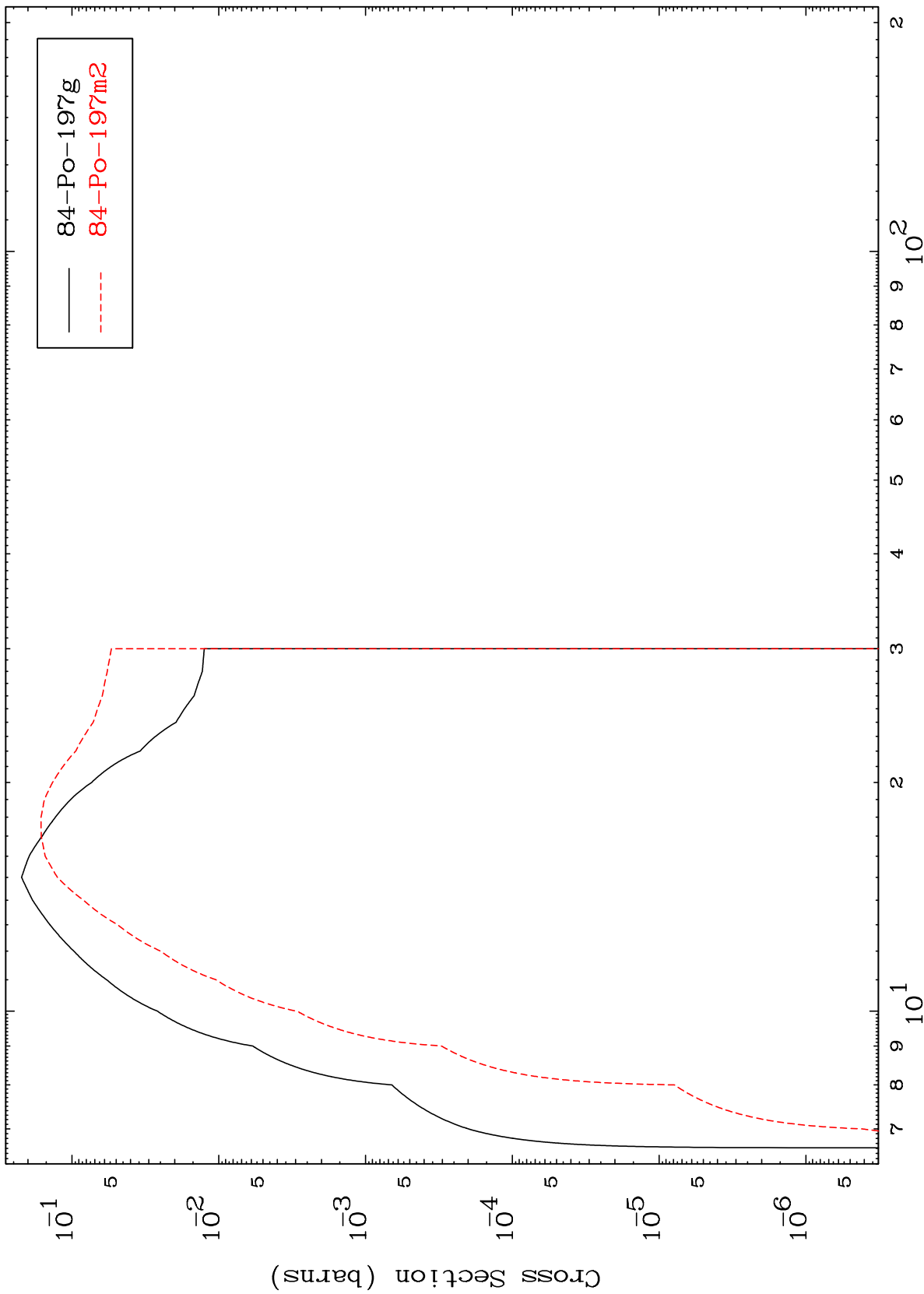
MAT 8290

(p, α) Levels

83-Bi-197m



Inelastic
Radionuclide Production Cross Section

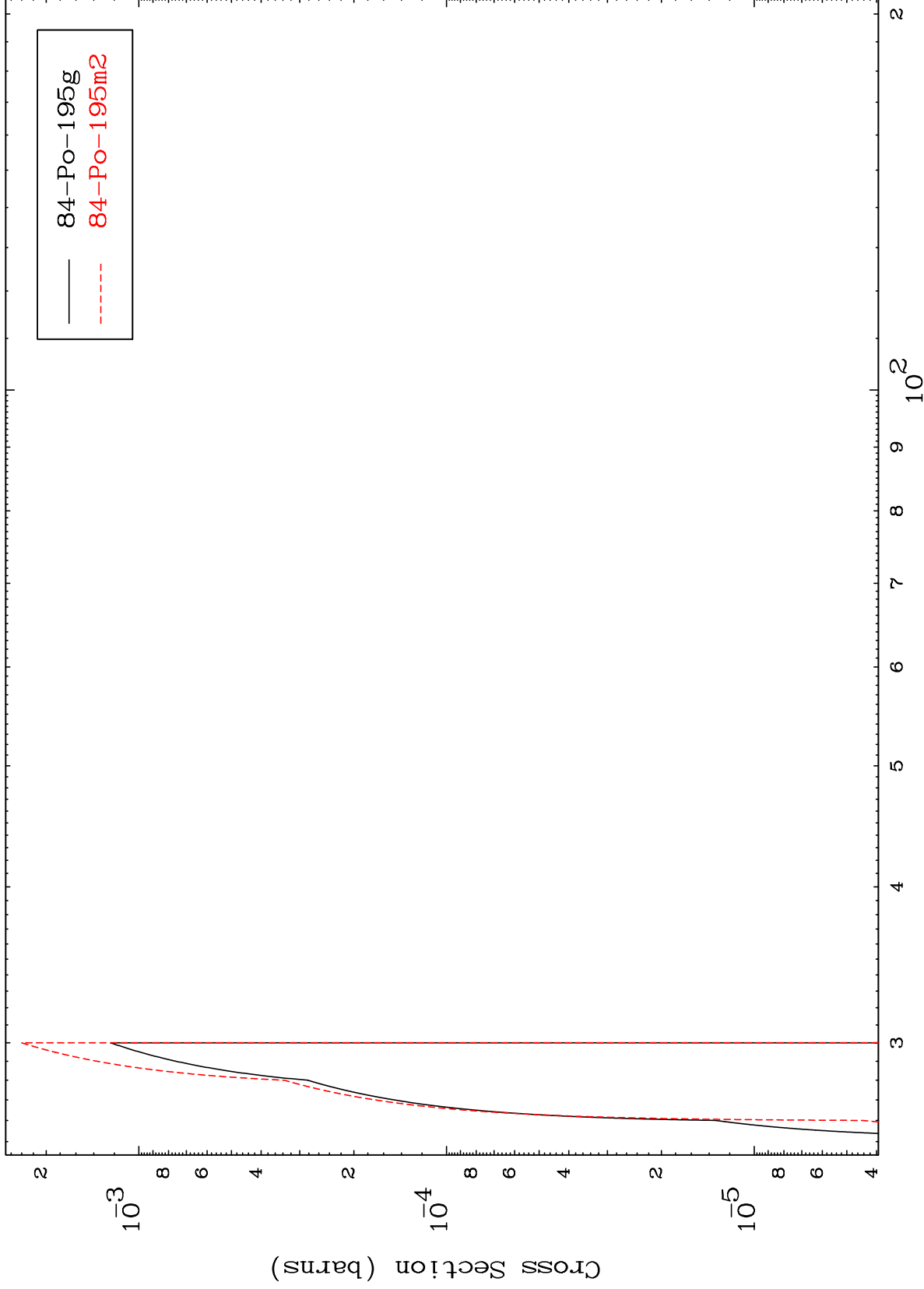


MAT 8290

(n,3n)

83-Bi-197m

Radionuclide Production Cross Section



13

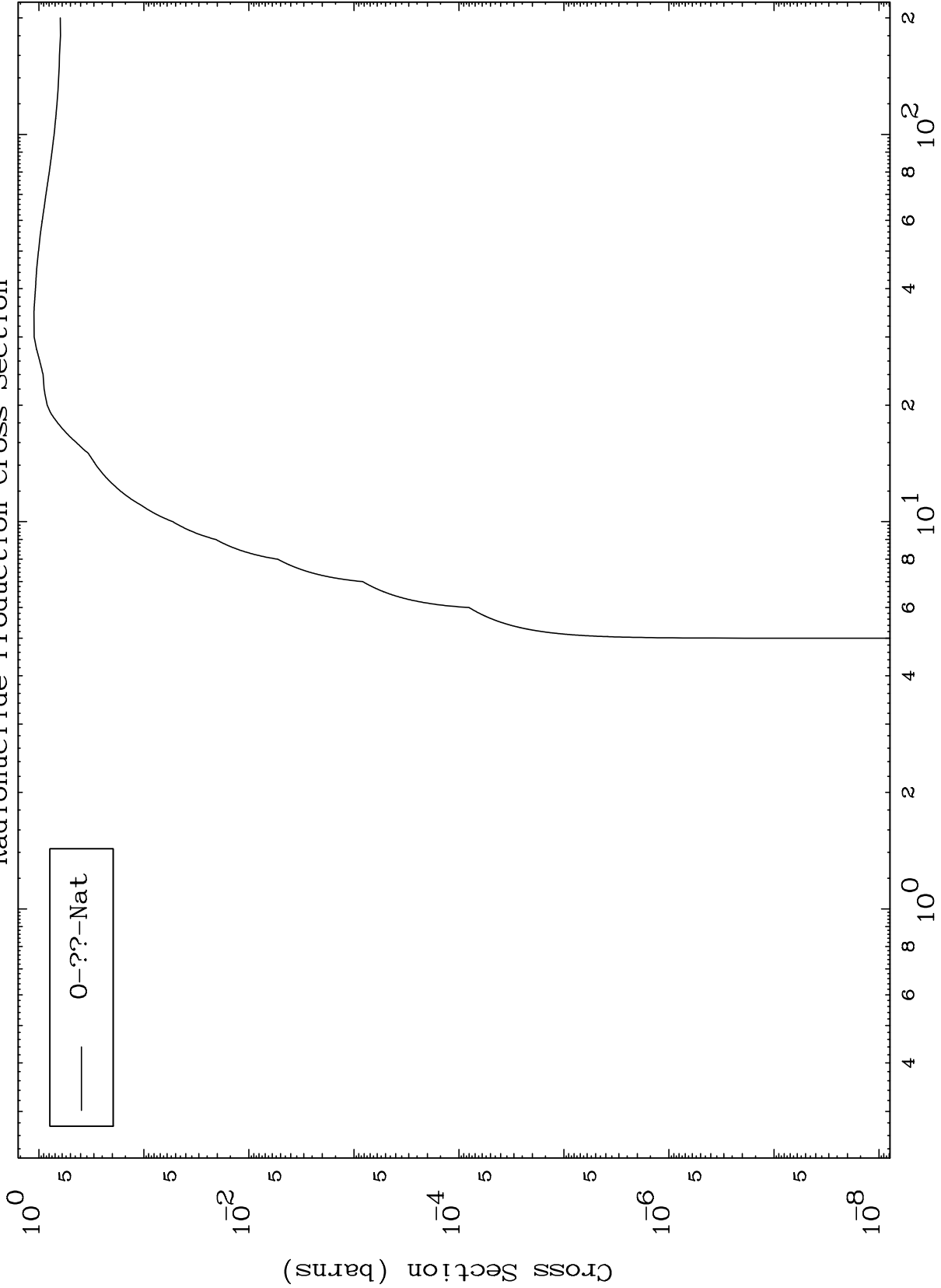
Incident Energy (MeV)

83-Bi-197m

MAT 8290

Fission
Radionuclide Production Cross Section

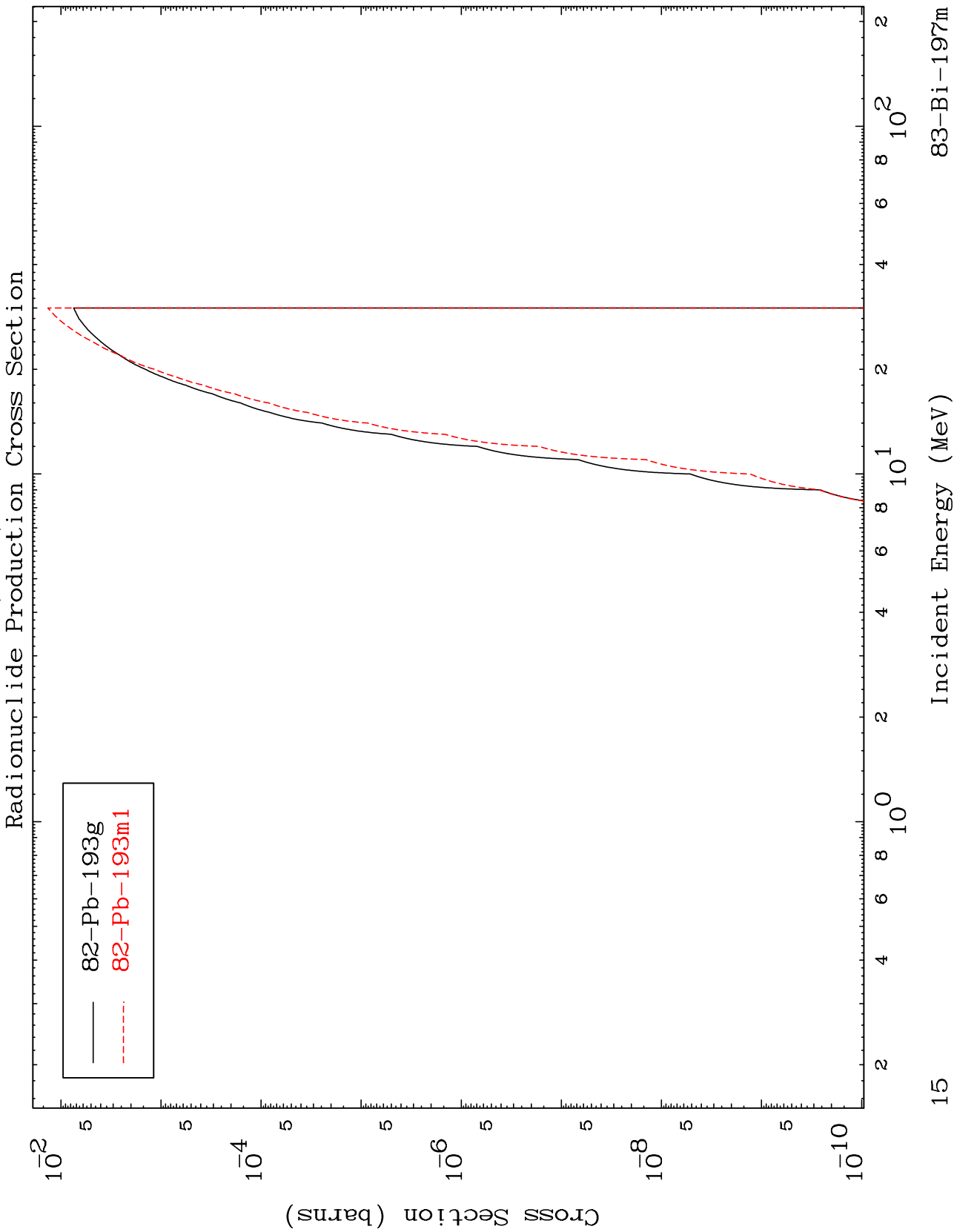
⁸³Bi-197m



MAT 8290

$(n, n') \alpha$

$^{83}\text{Bi}-197\text{m}$

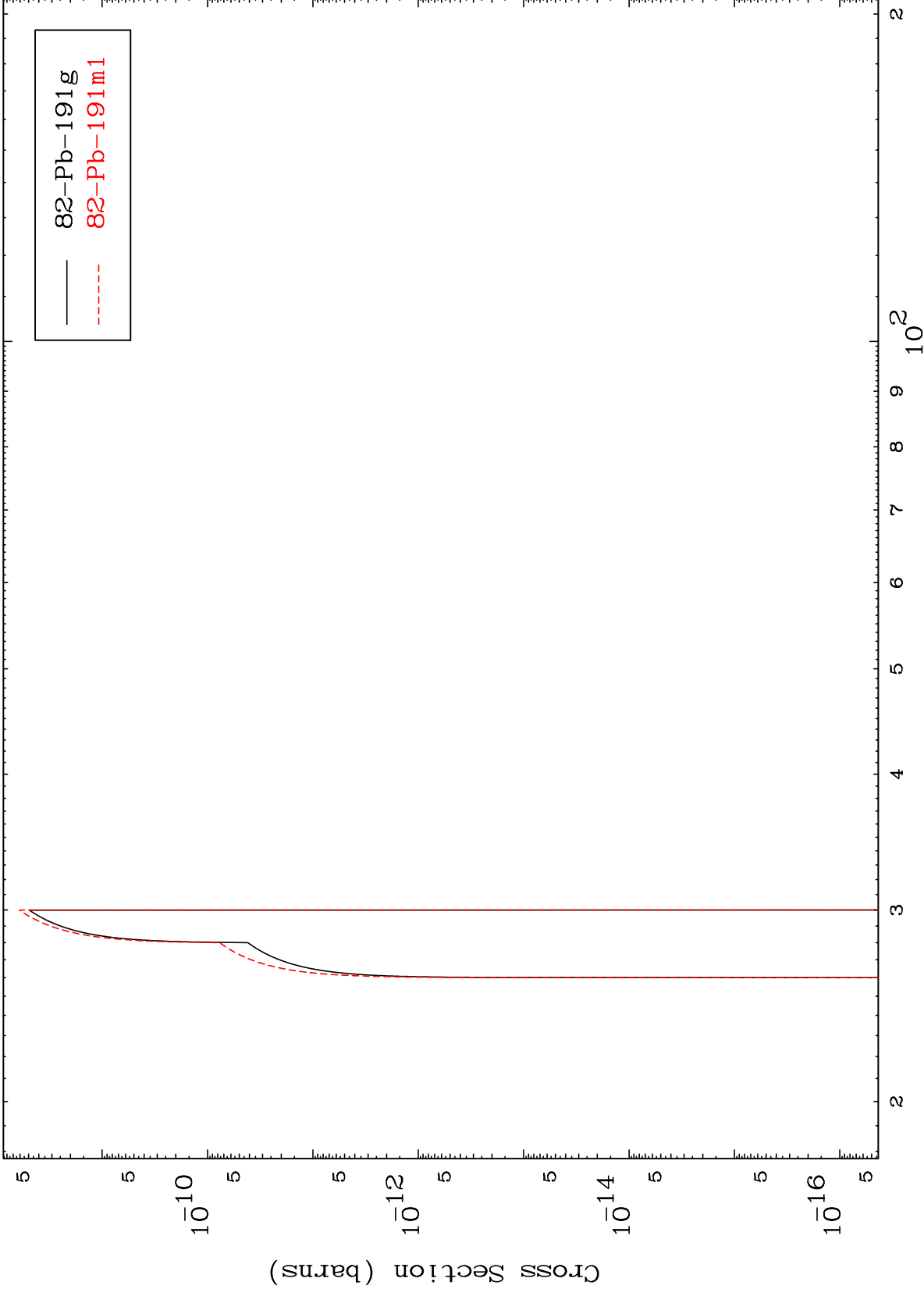


MAT 8290

(n,3n) α

83-Bi-197m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

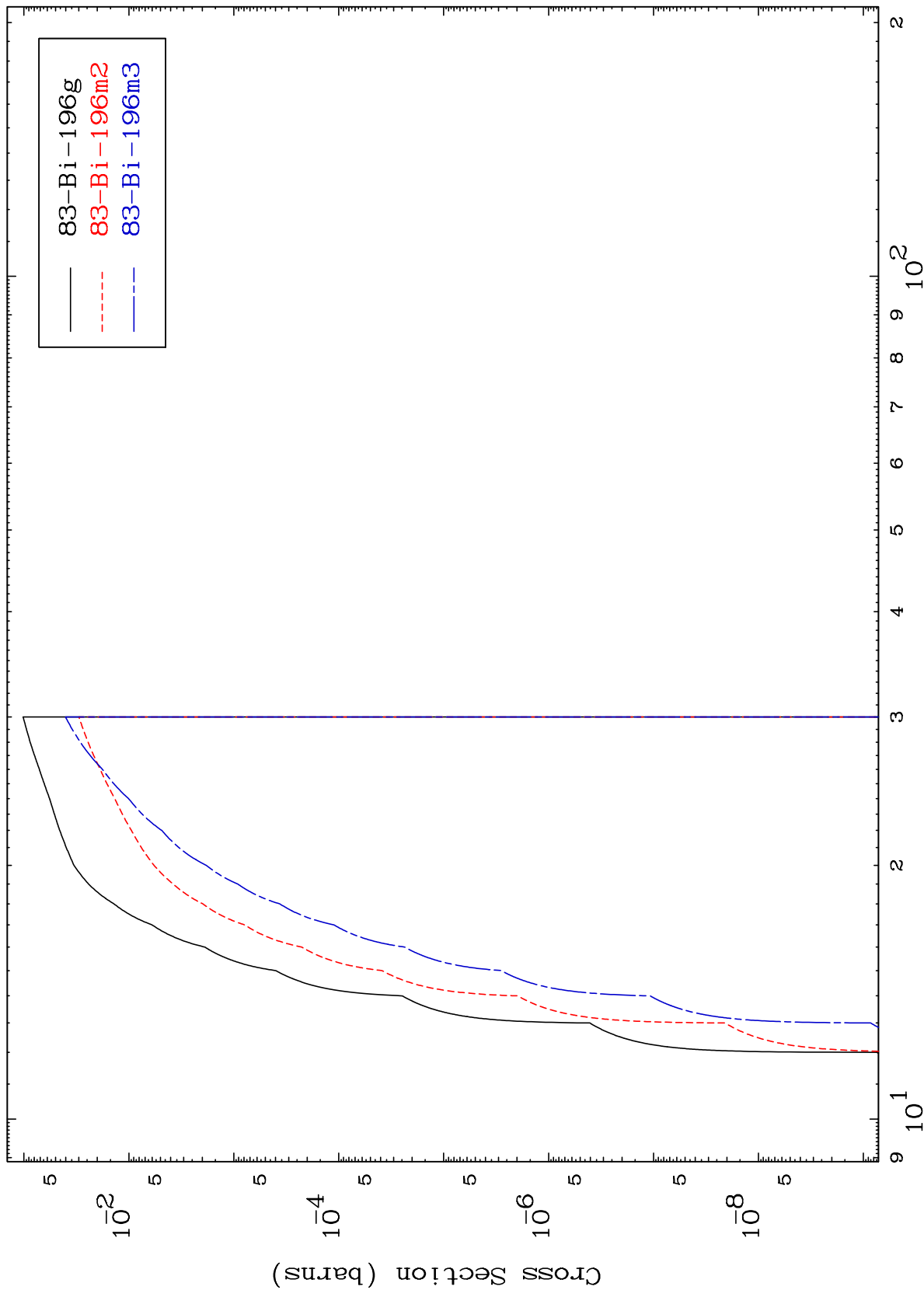
83-Bi-197m

MAT 8290

(n,n') p

83-Bi-197m

Radionuclide Production Cross Section



17

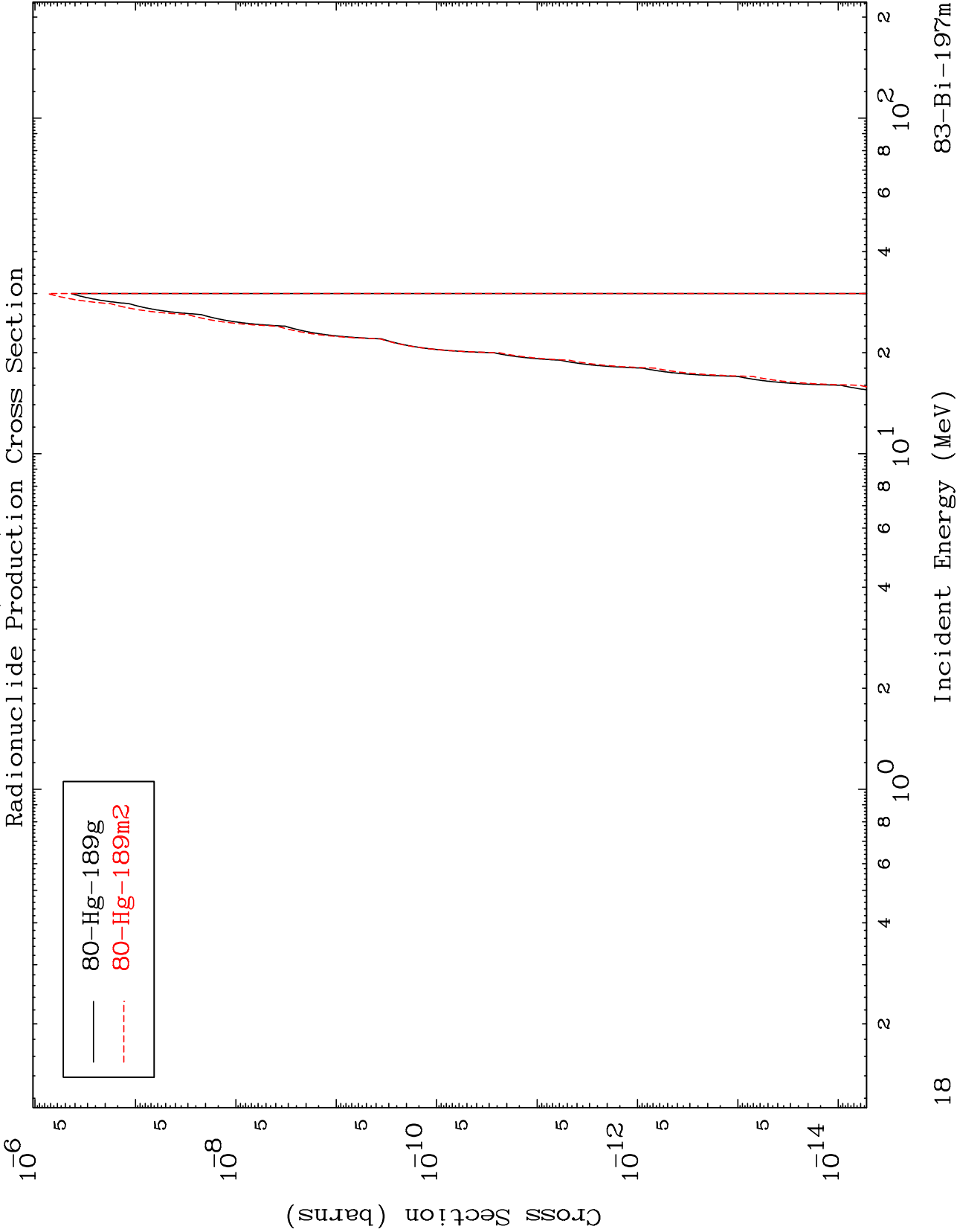
Incident Energy (MeV)

83-Bi-197m

MAT 8290

(n,n') 2 α

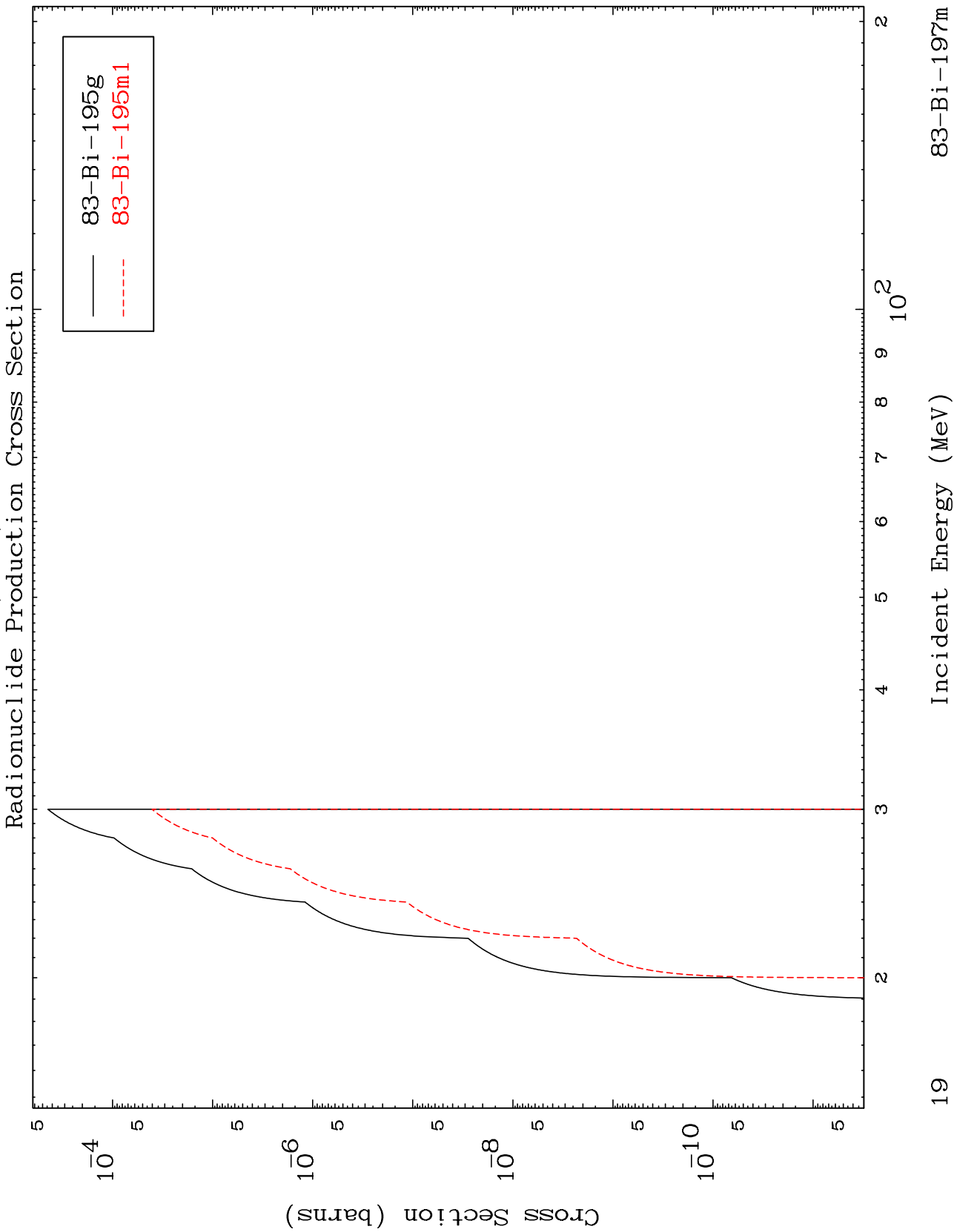
83-Bi-197m



MAT 8290

(n,n') d

83-Bi-197m



19

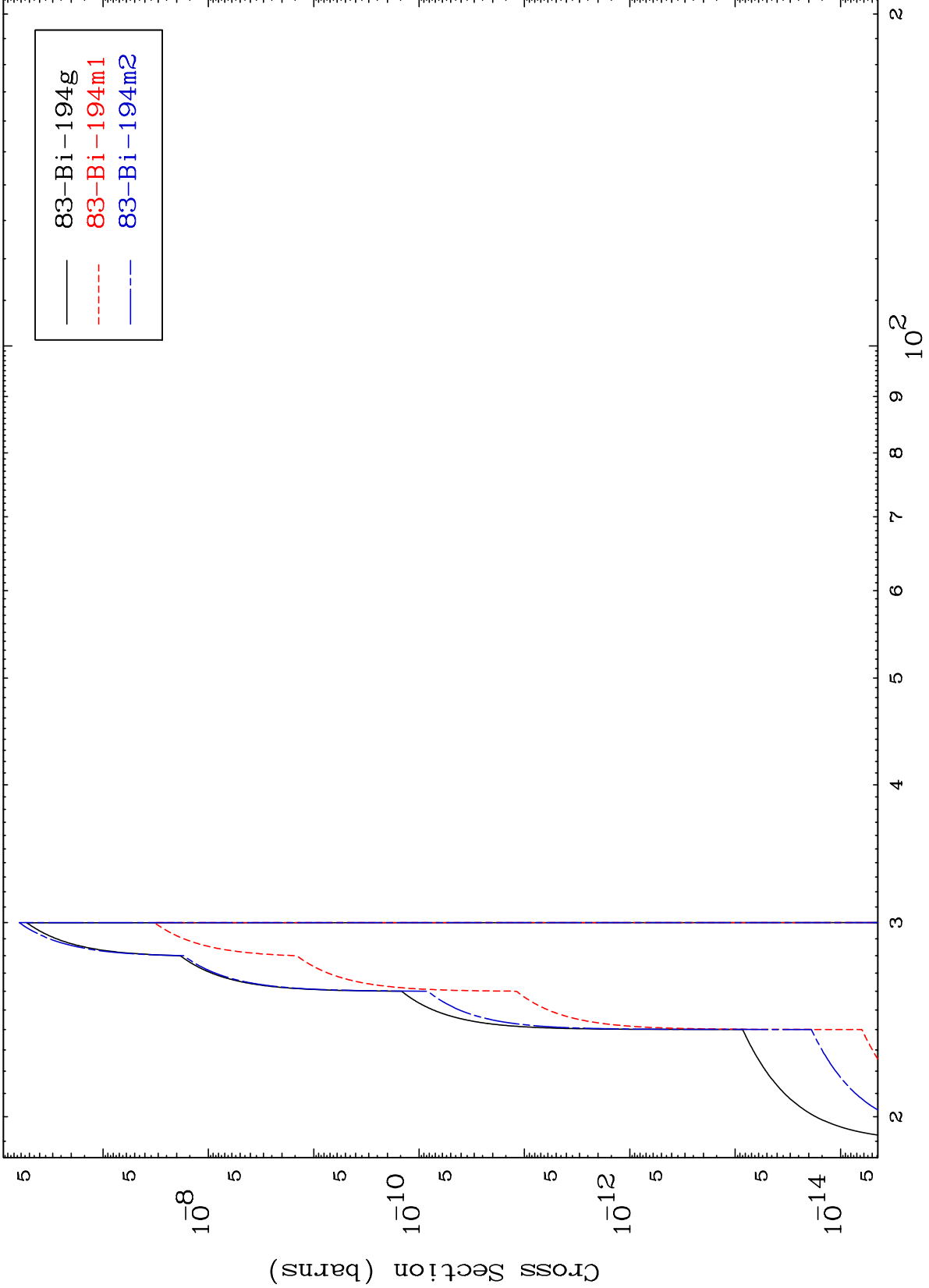
83-Bi-197m

MAT 8290

(n,n') t

83-Bi-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

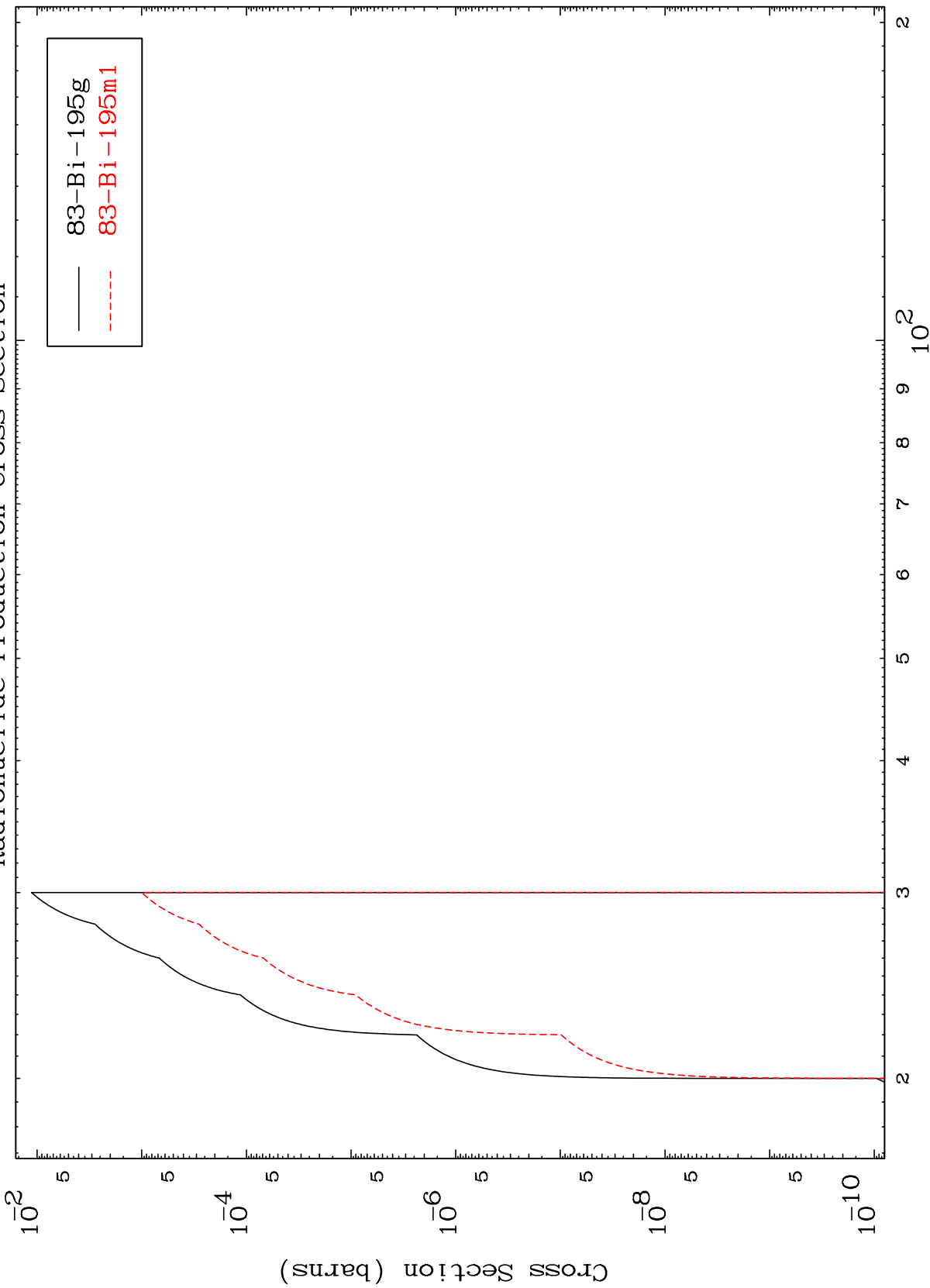
83-Bi-197m

MAT 8290

(n,2n) p

83-Bi-197m

Radionuclide Production Cross Section



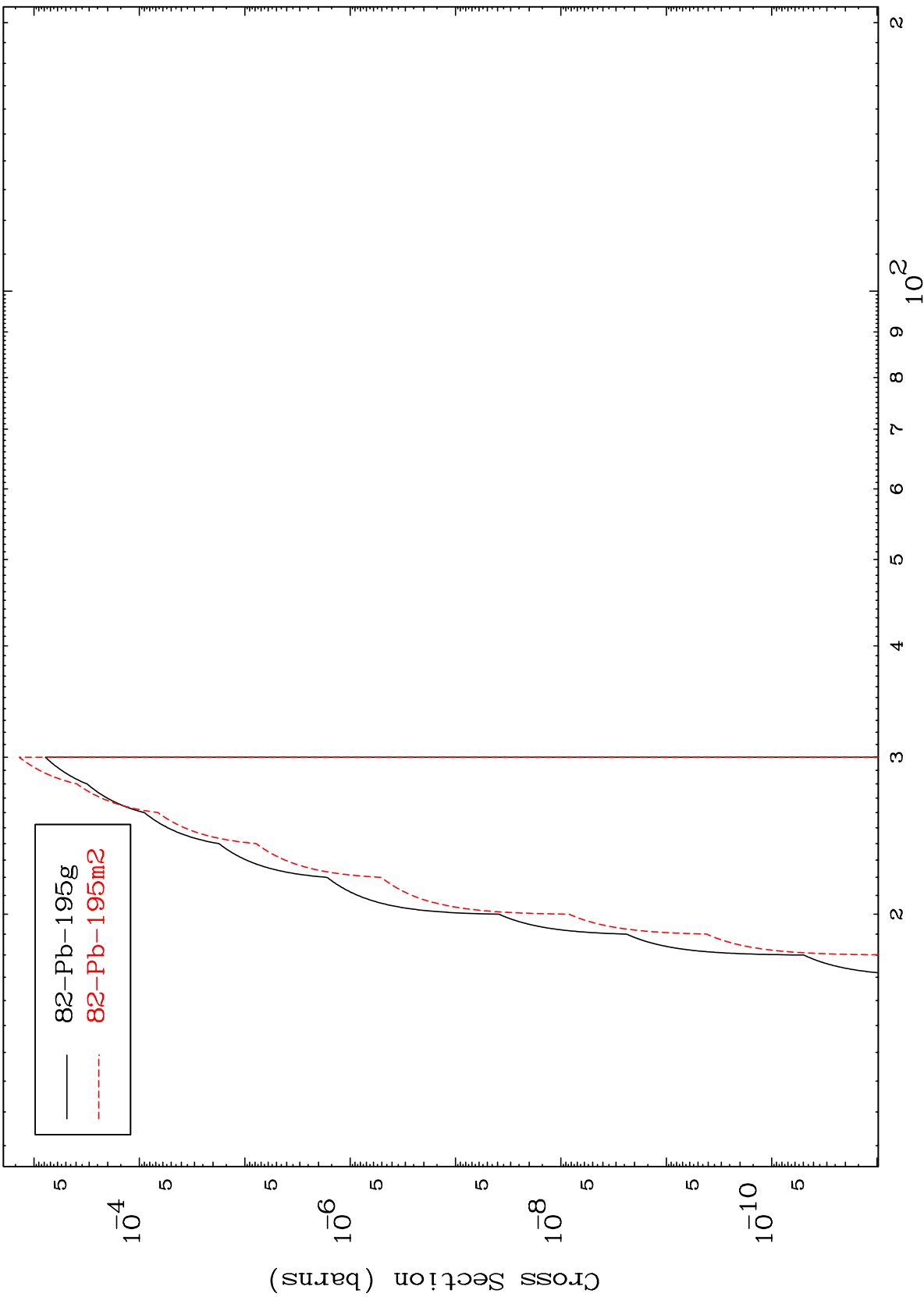
83-Bi-195g
83-Bi-195m1

MAT 8290

(n,2n) p

83-Bi-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

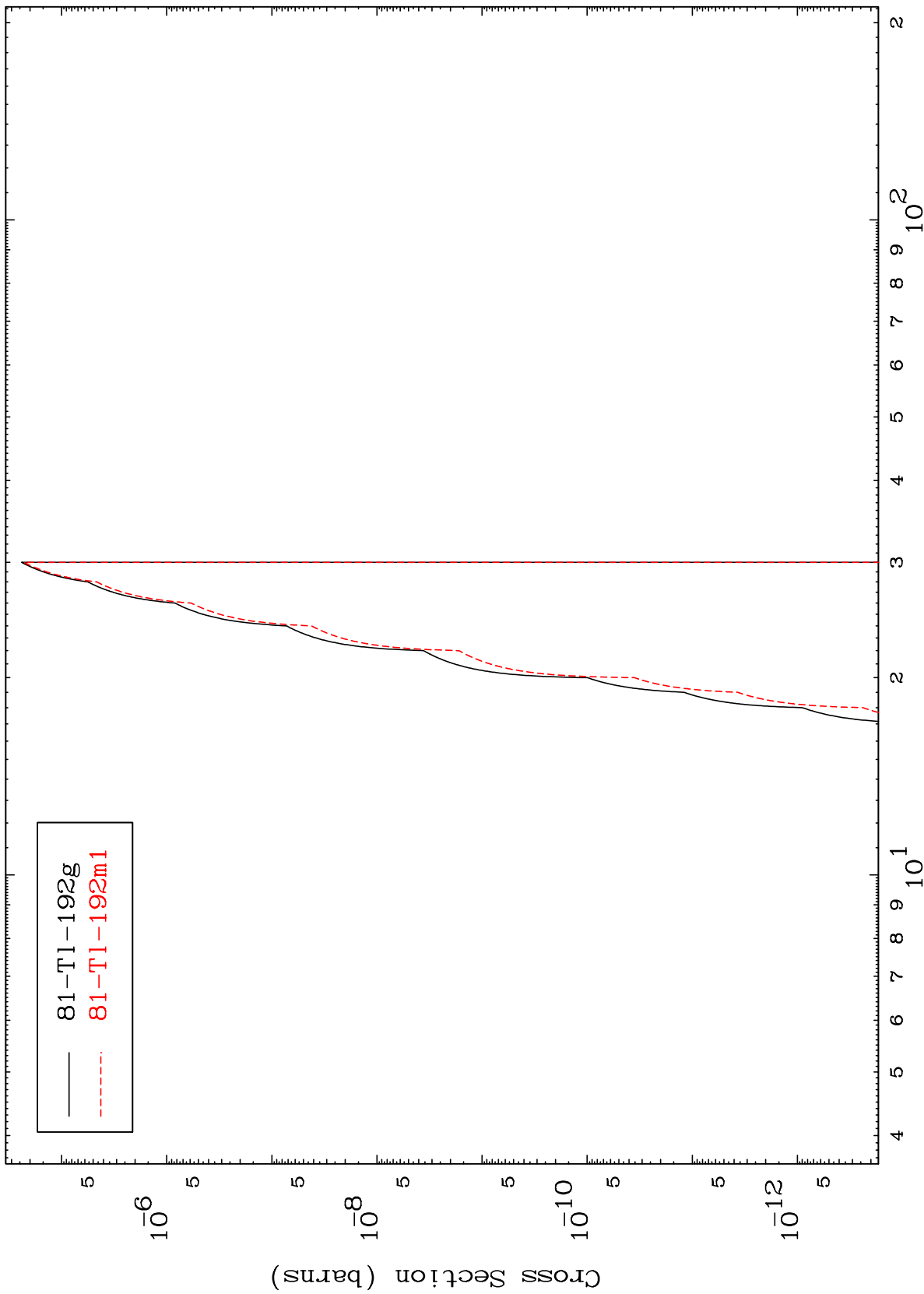
83-Bi-197m

MAT 8290

(n,n') p α

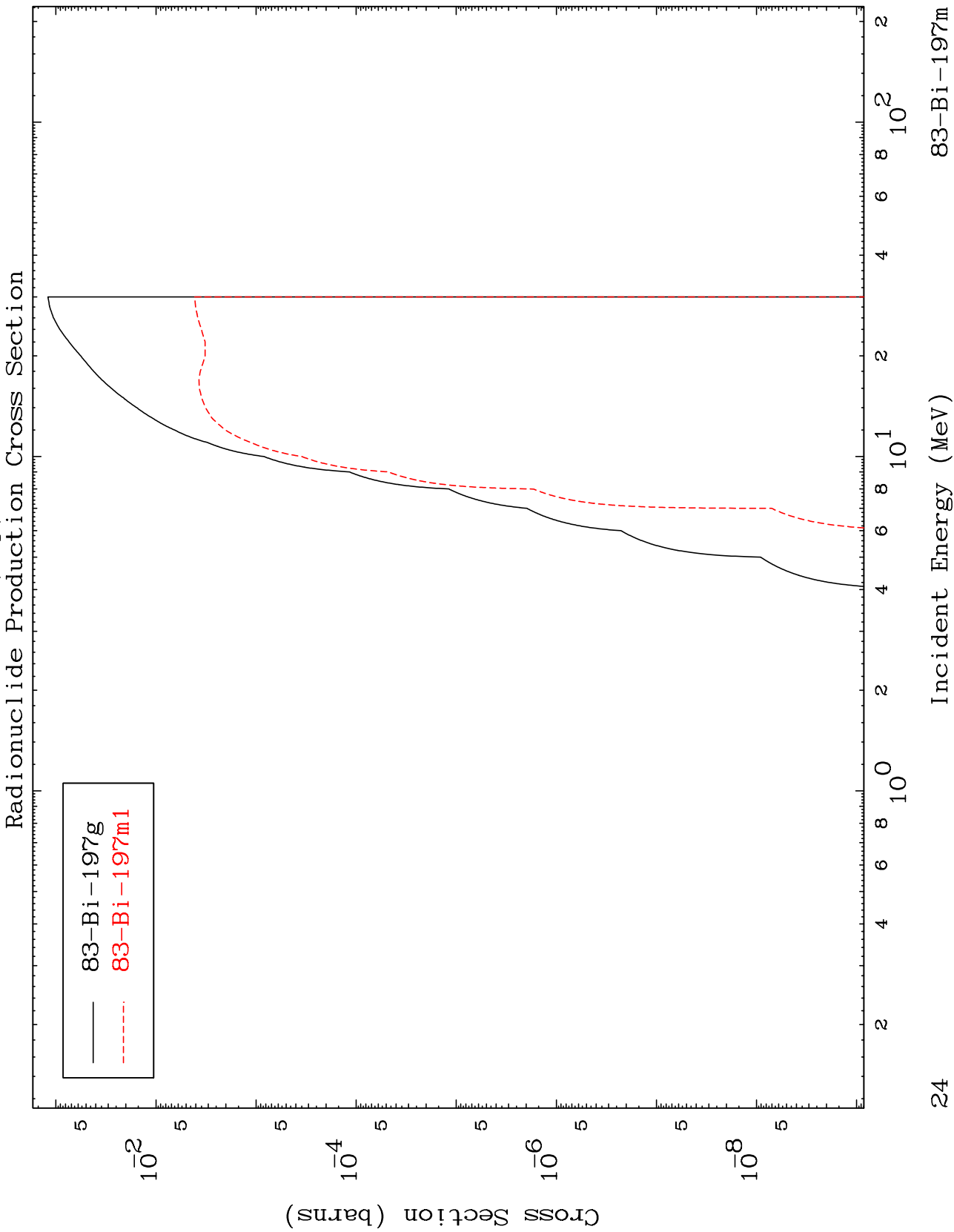
83-Bi-197m

Radionuclide Production Cross Section



MAT 8290

⁸³Bi-197m

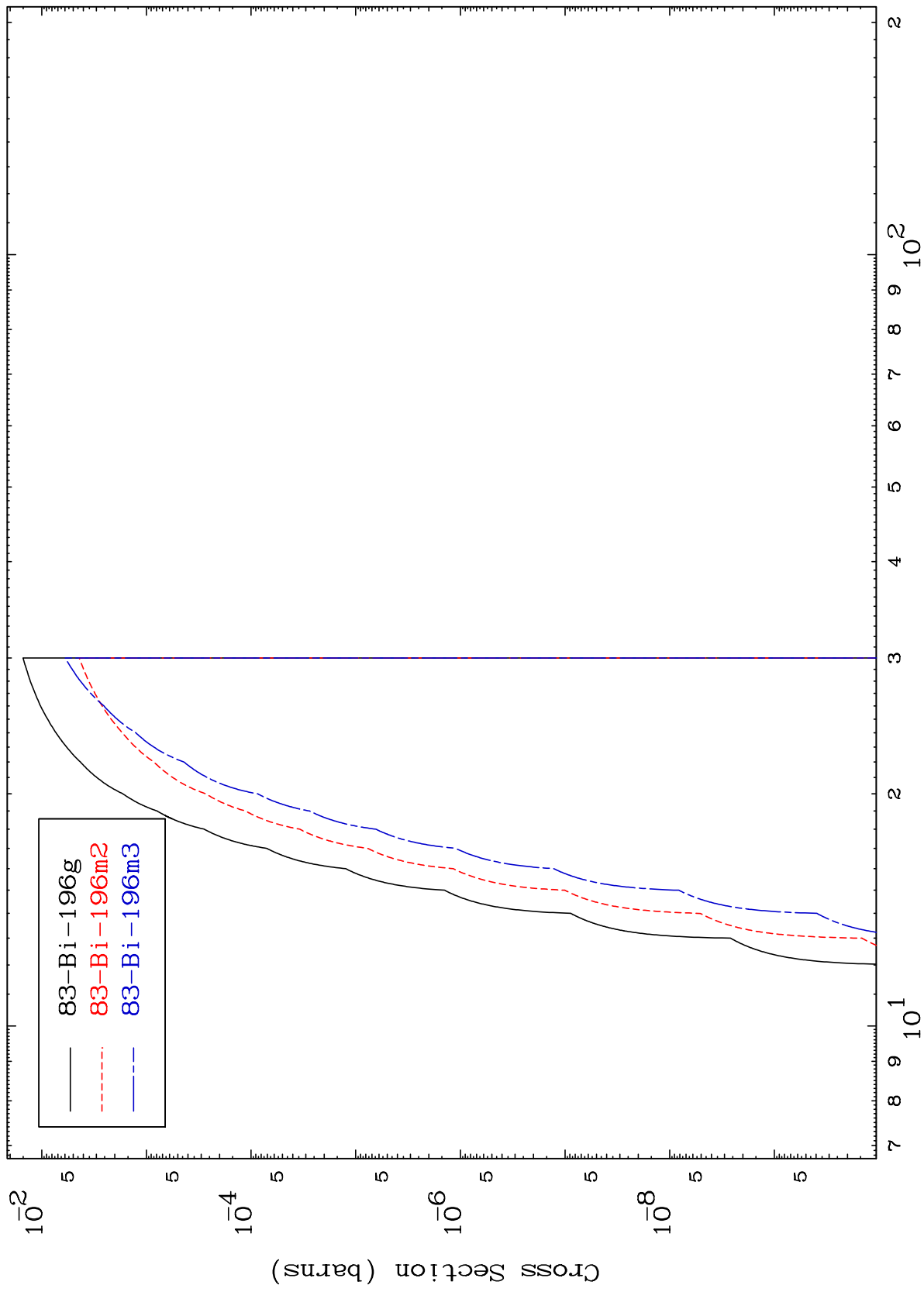


— 83-Bi-197g
- - - 83-Bi-197m1

MAT 8290

$^{83}\text{Bi}-197\text{m}$

(n,d)
Radionuclide Production Cross Section



25

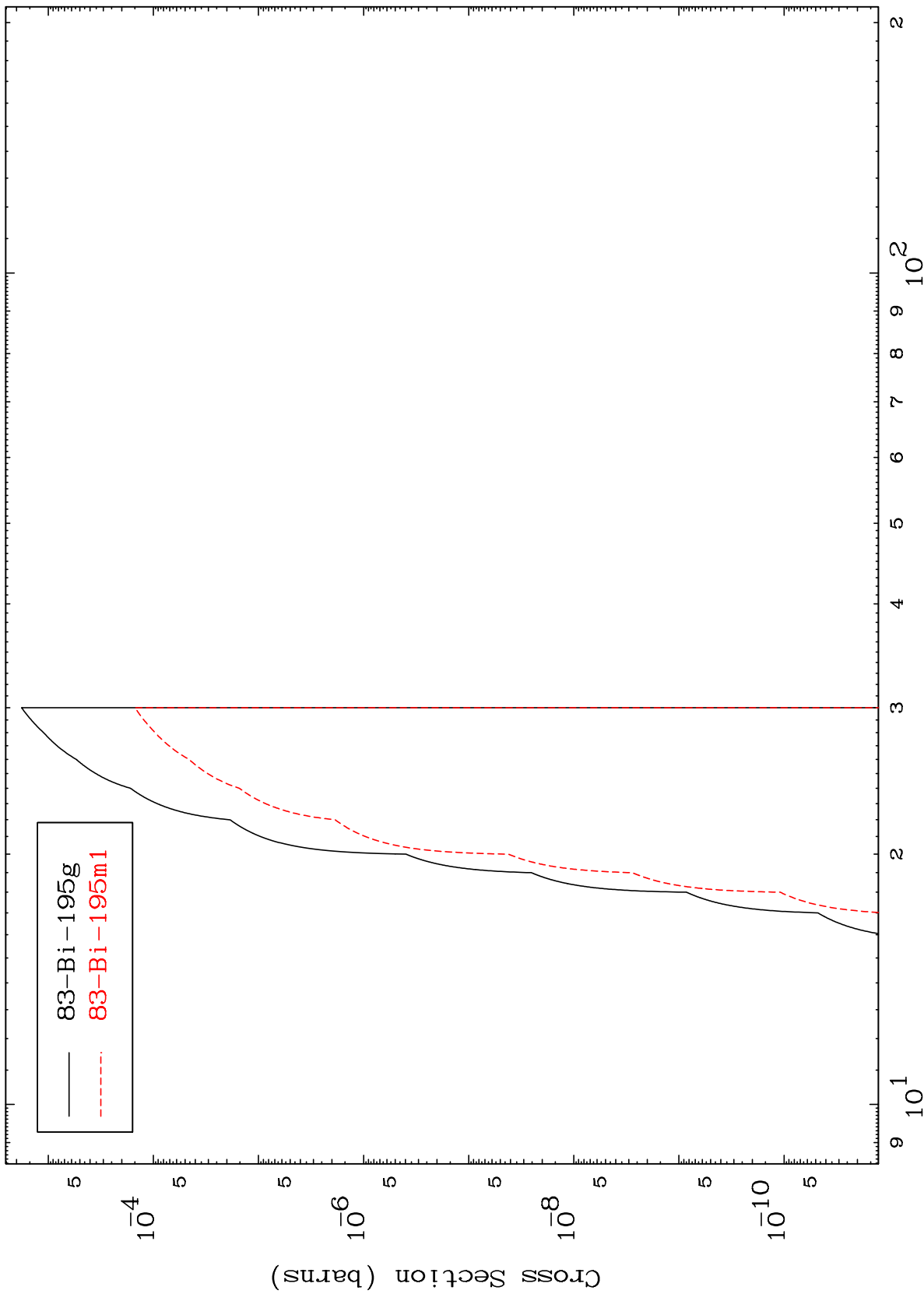
Incident Energy (MeV)

$^{83}\text{Bi}-197\text{m}$

MAT 8290

83-Bi-197m

(n,t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

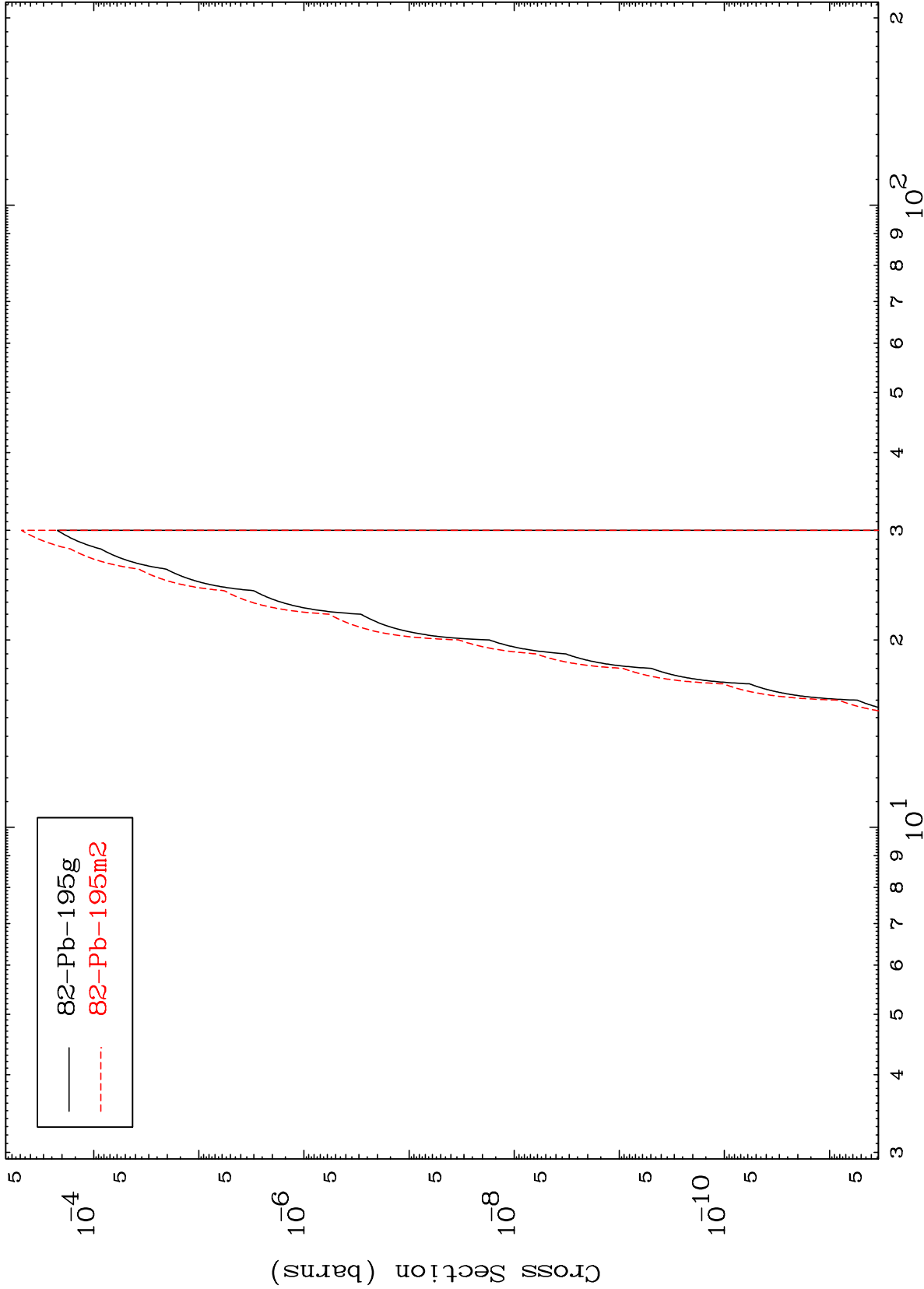
83-Bi-197m

MAT 8290

(n,He-3)

83-Bi-197m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

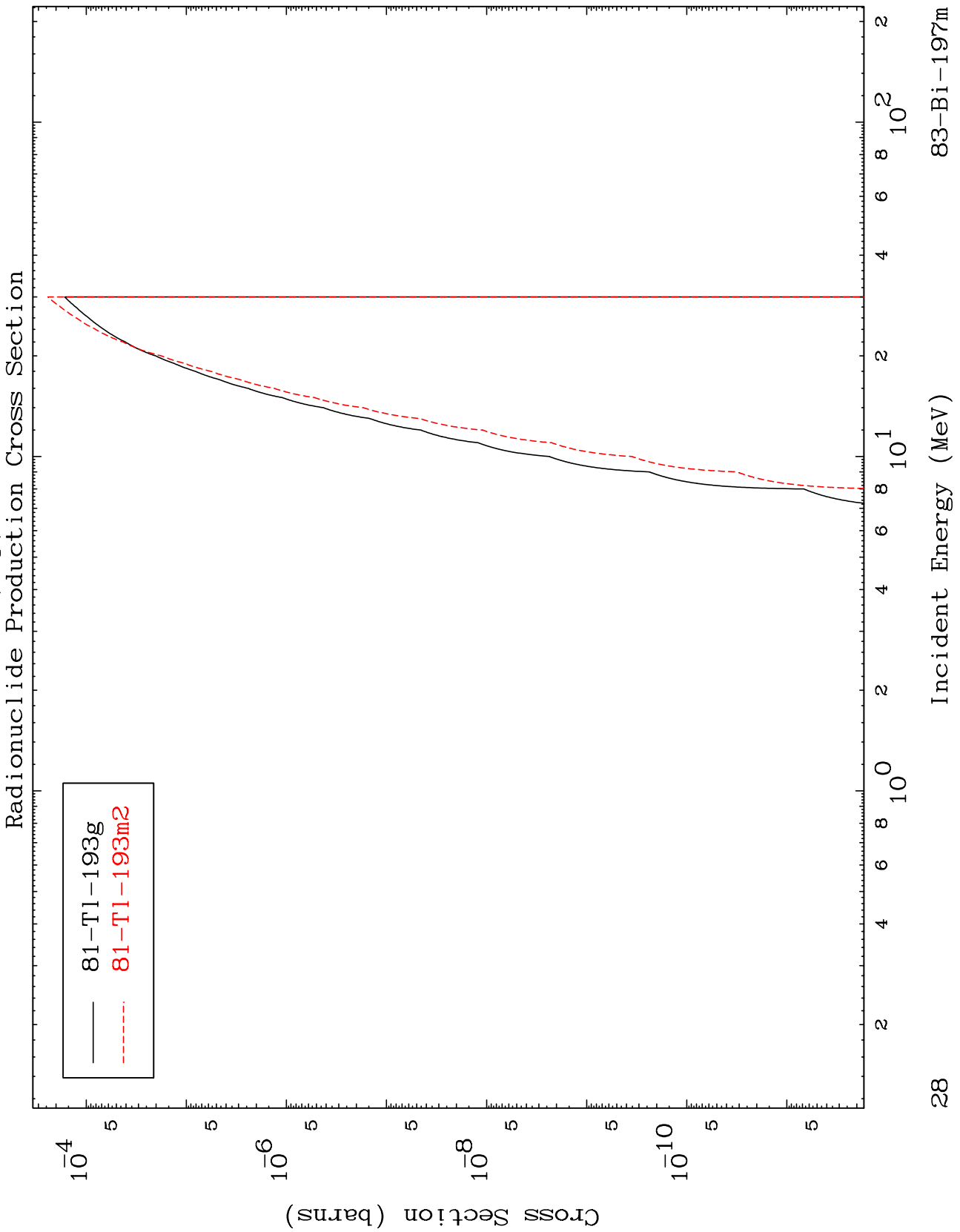
83-Bi-197m

27

MAT 8290

(n,p) α

$^{83}\text{Bi}-197\text{m}$

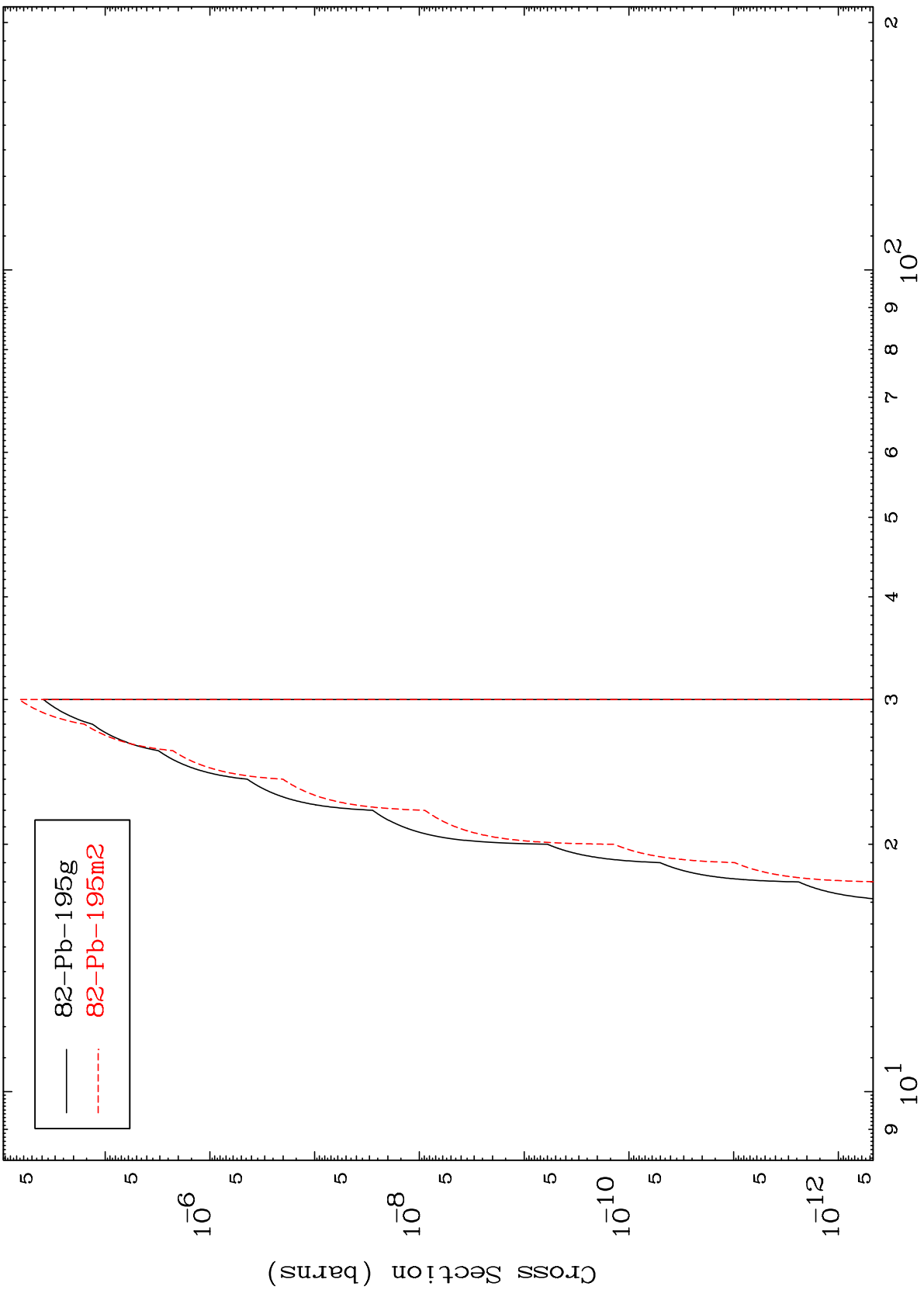


MAT 8290

(n,p) d

83-Bi-197m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-197m

MAT 8290

(n,d) α

83-Bi-197m

Radionuclide Production Cross Section

