

Program EVALPLOT
(Version 2021-1)

by

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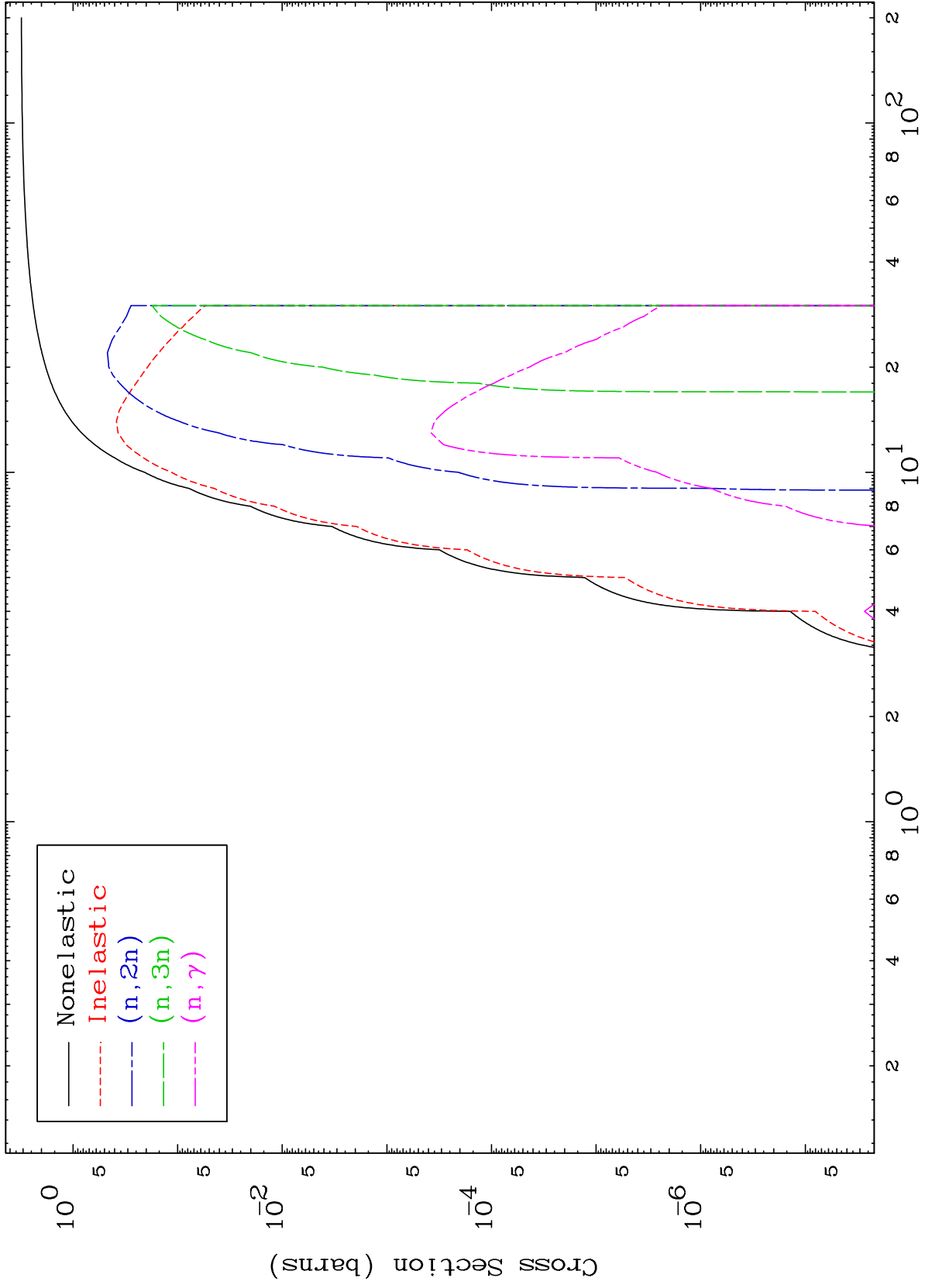
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8290

Deuteron Major
0 Kelvin Cross Sections

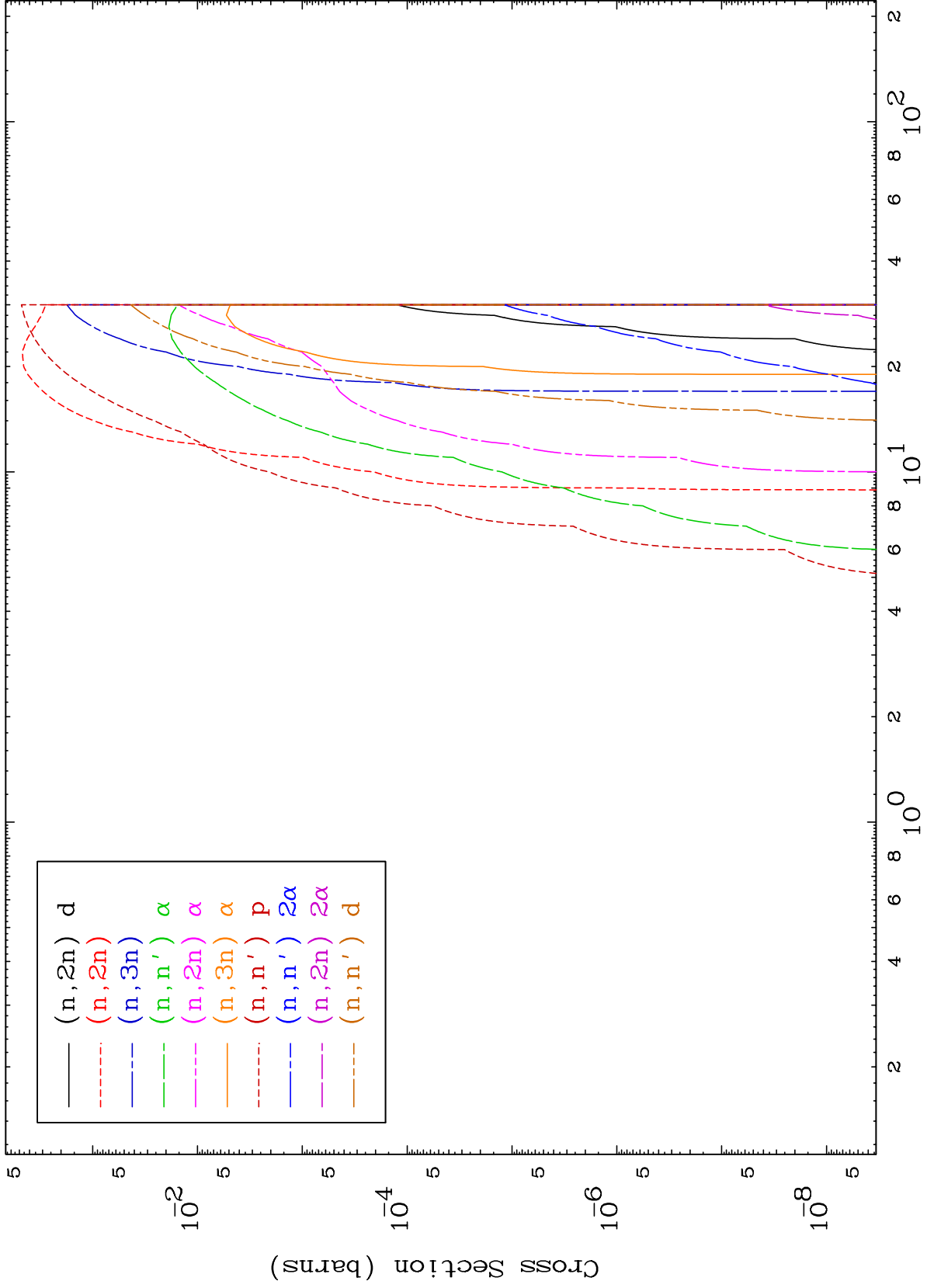
83-Bi-197m

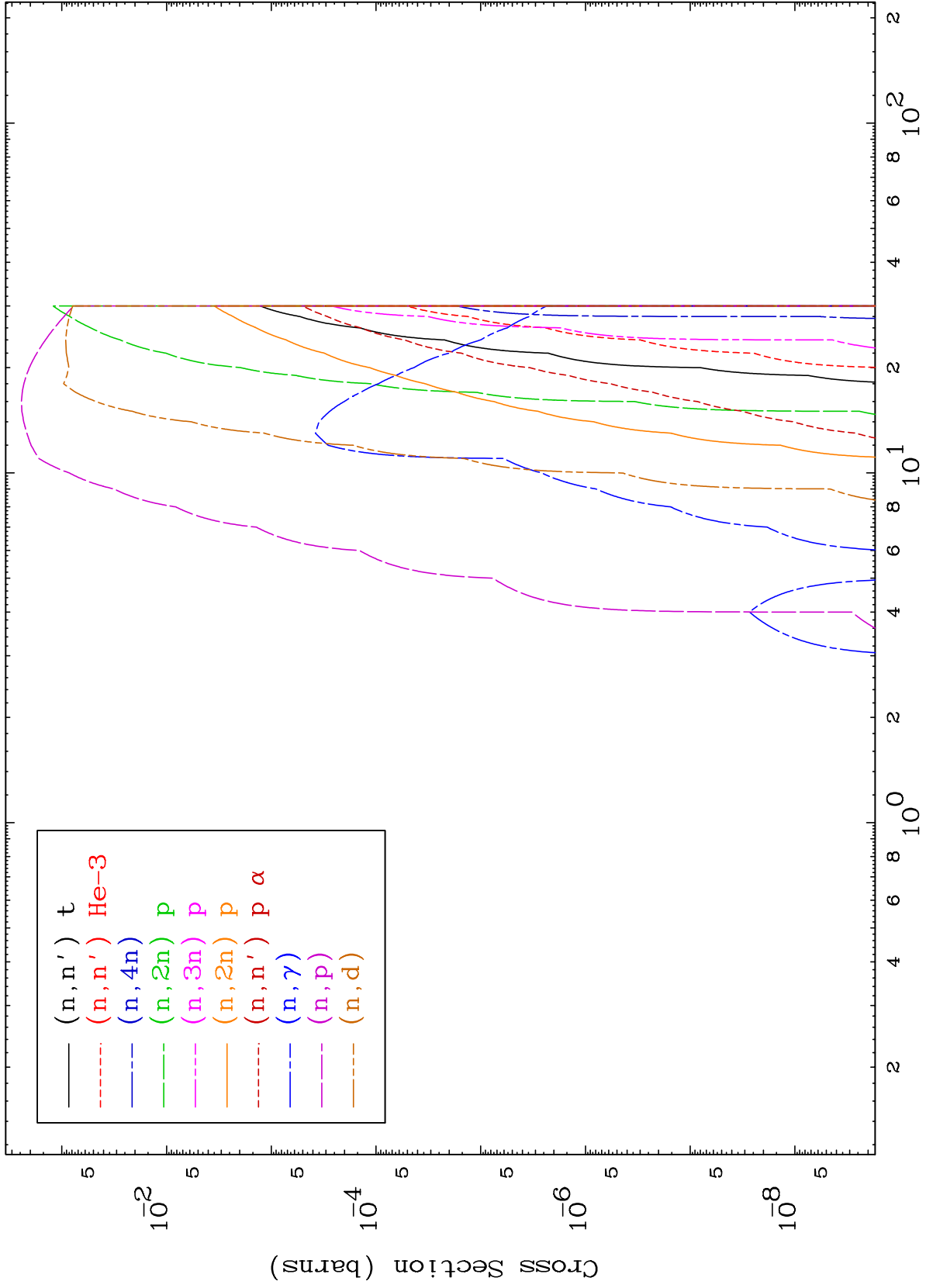


MAT 8290

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-197m

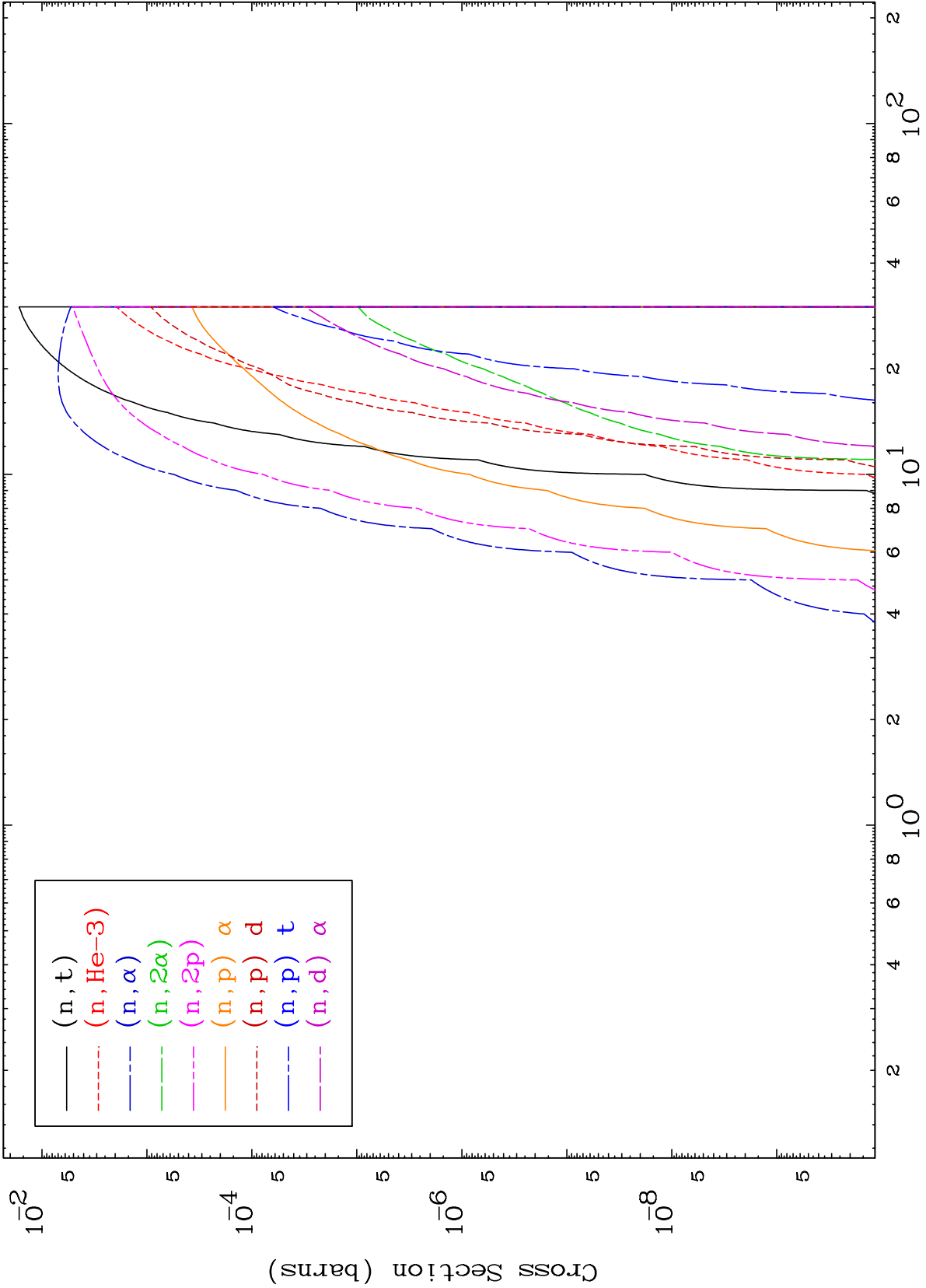




MAT 8290

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-197m



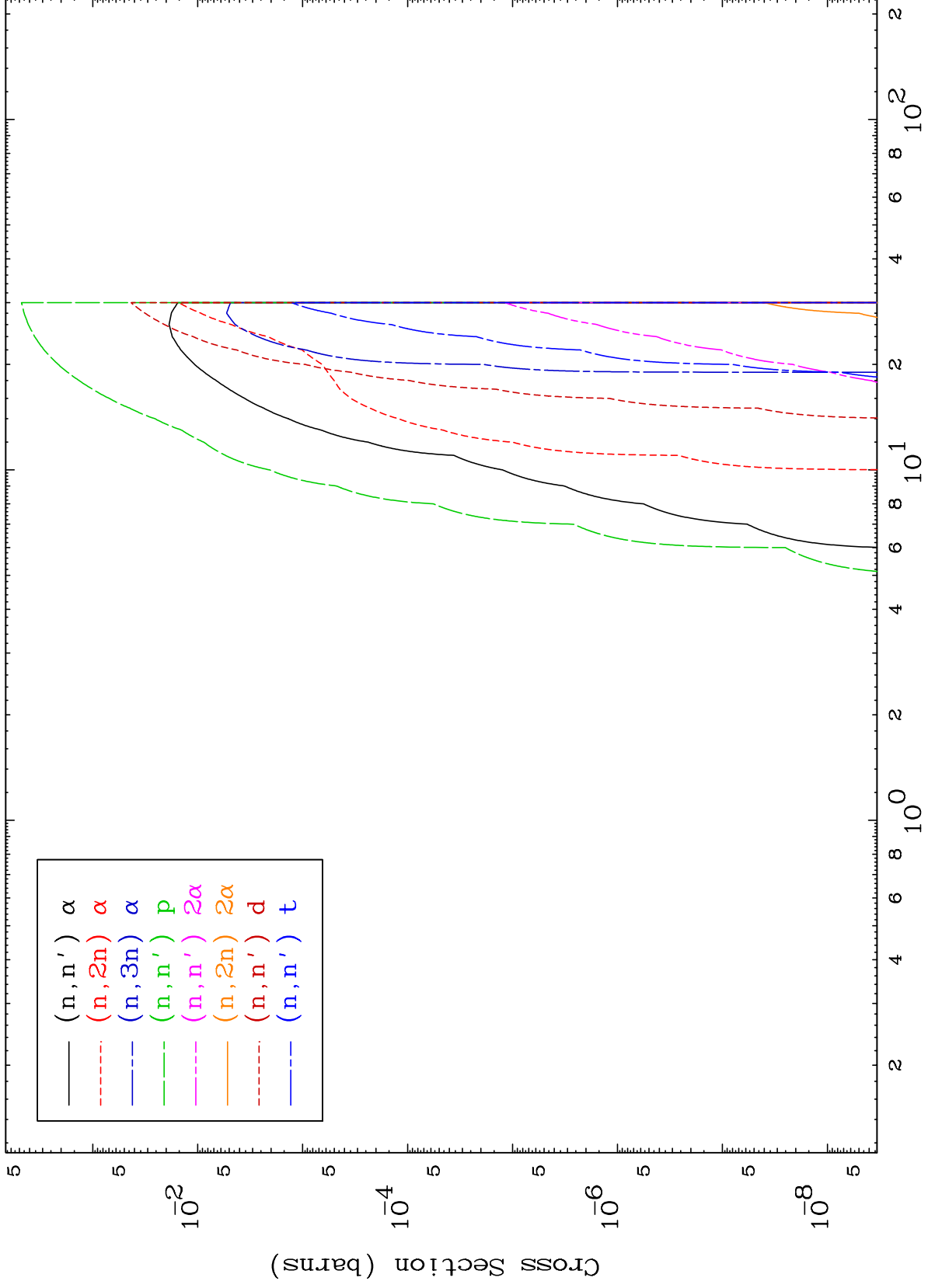
83-Bi-197m

Incident Energy (MeV)

MAT 8290

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-197m



5

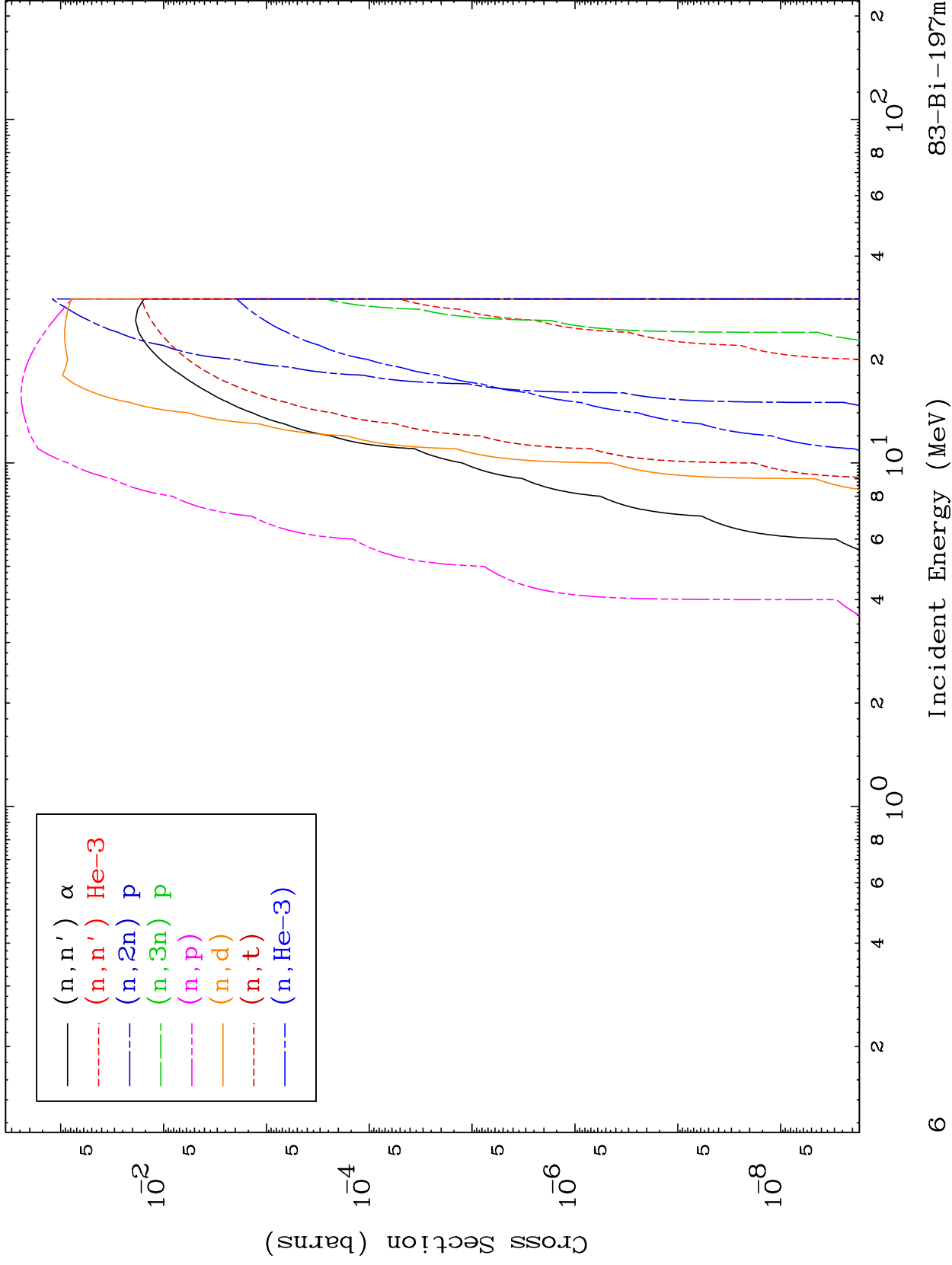
Incident Energy (MeV)

83-Bi-197m

MAT 8290

Deuteron Charged Particle
0 Kelvin Cross Sections

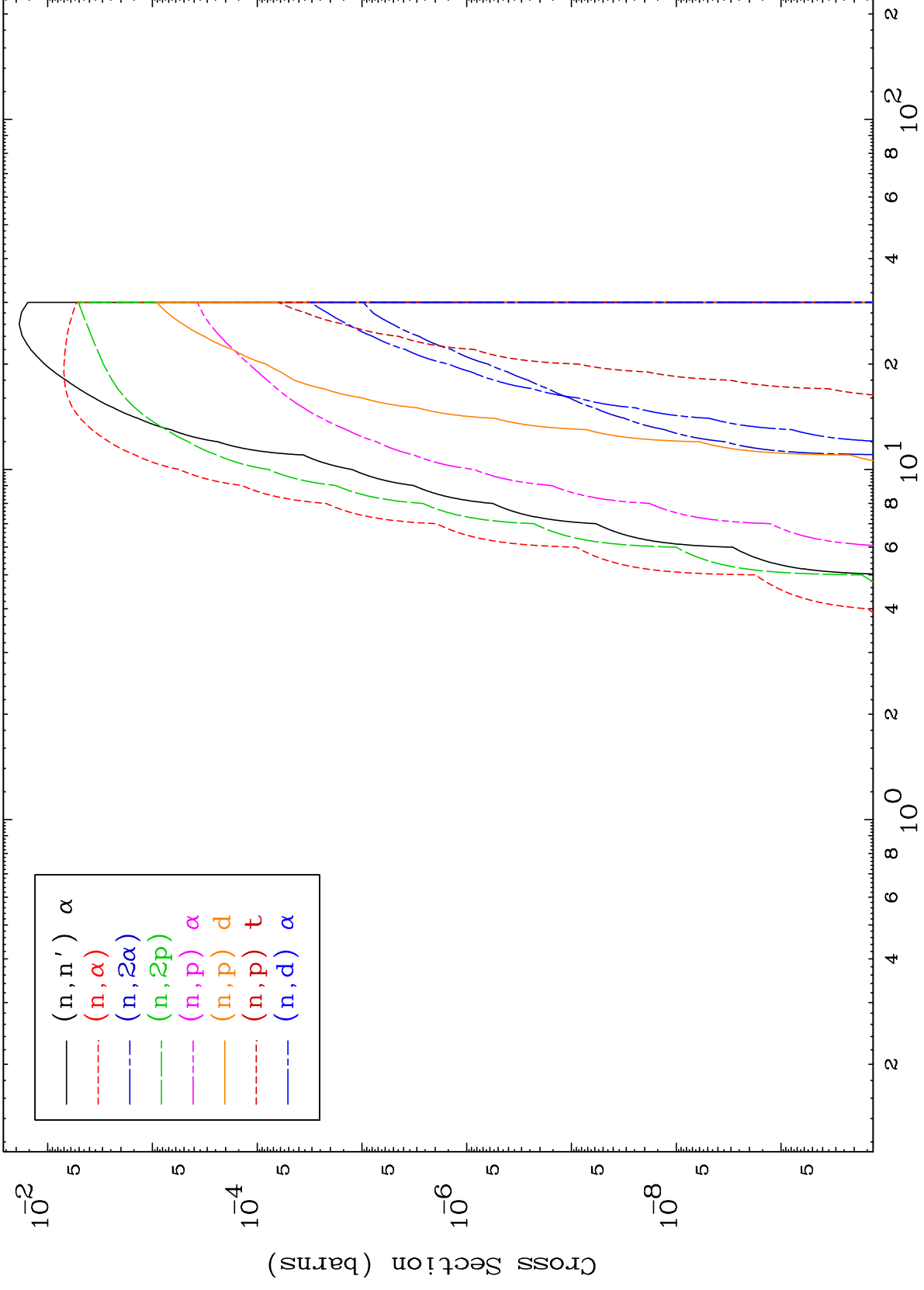
83-Bi-197m



MAT 8290

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-197m



Incident Energy (MeV)

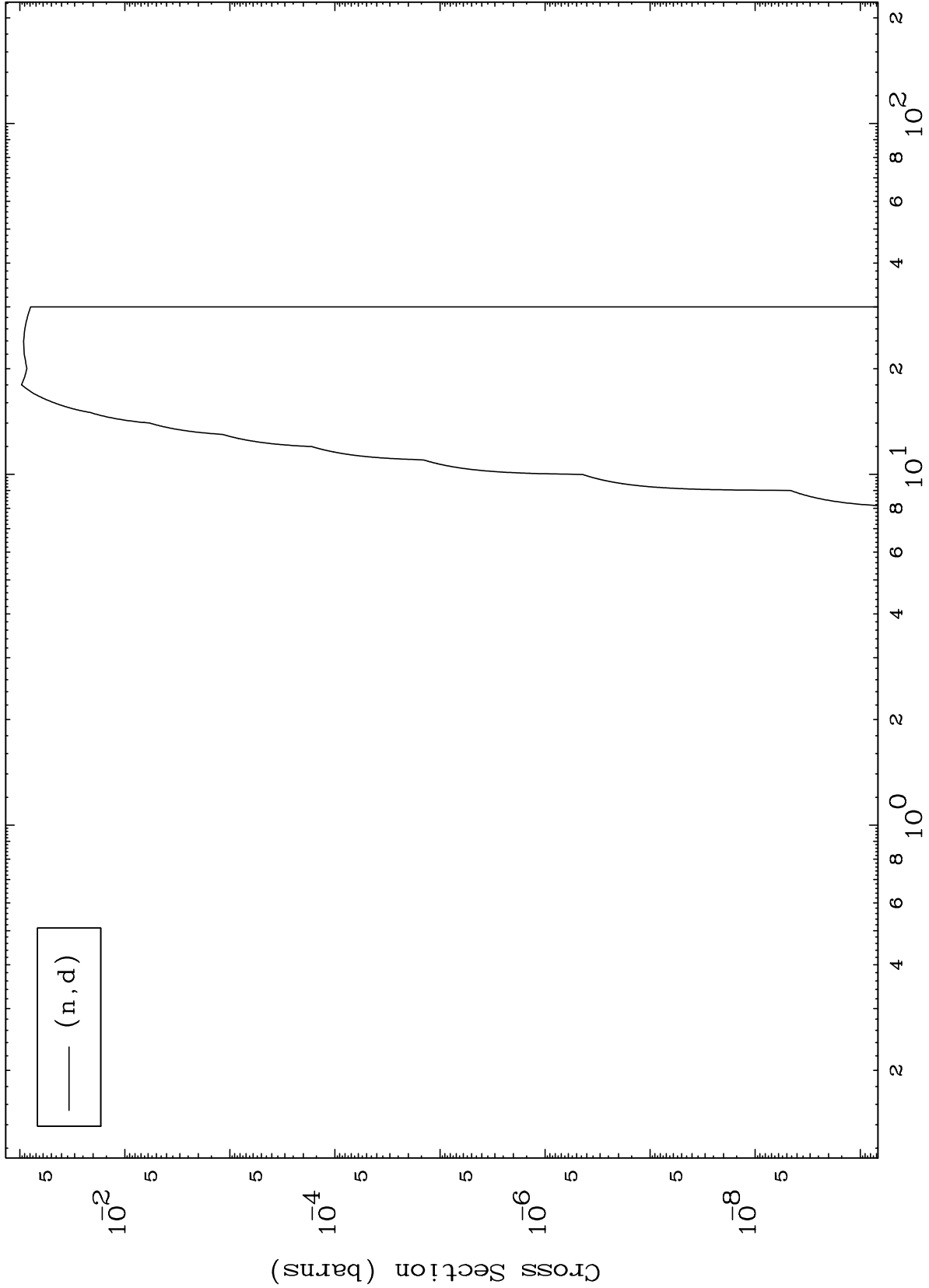
83-Bi-197m

MAT 8290

(d,d) Levels

83-Bi-197m

0 Kelvin Cross Sections

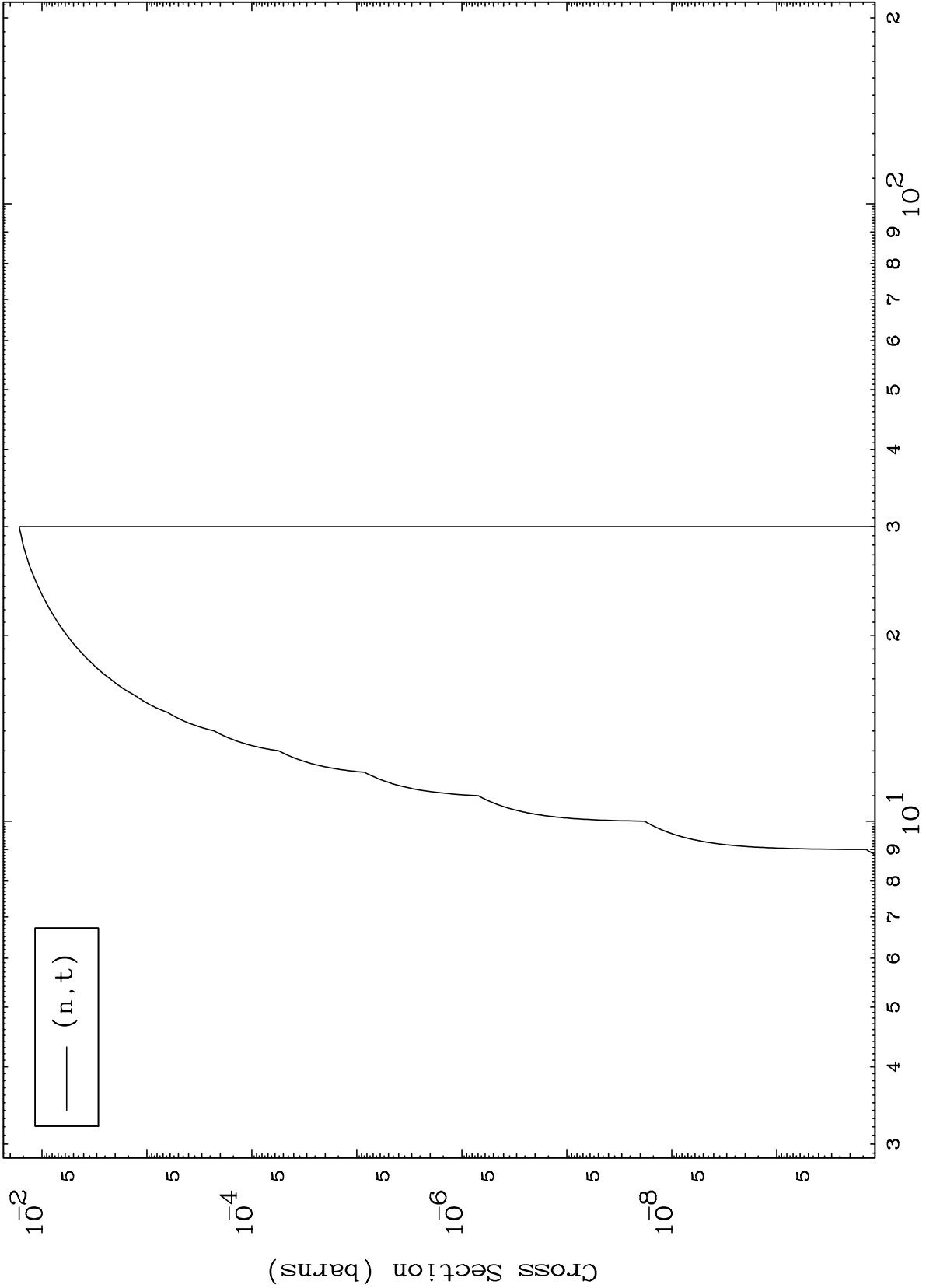


MAT 8290

(d,t) Levels

83-Bi-197m

0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-197m

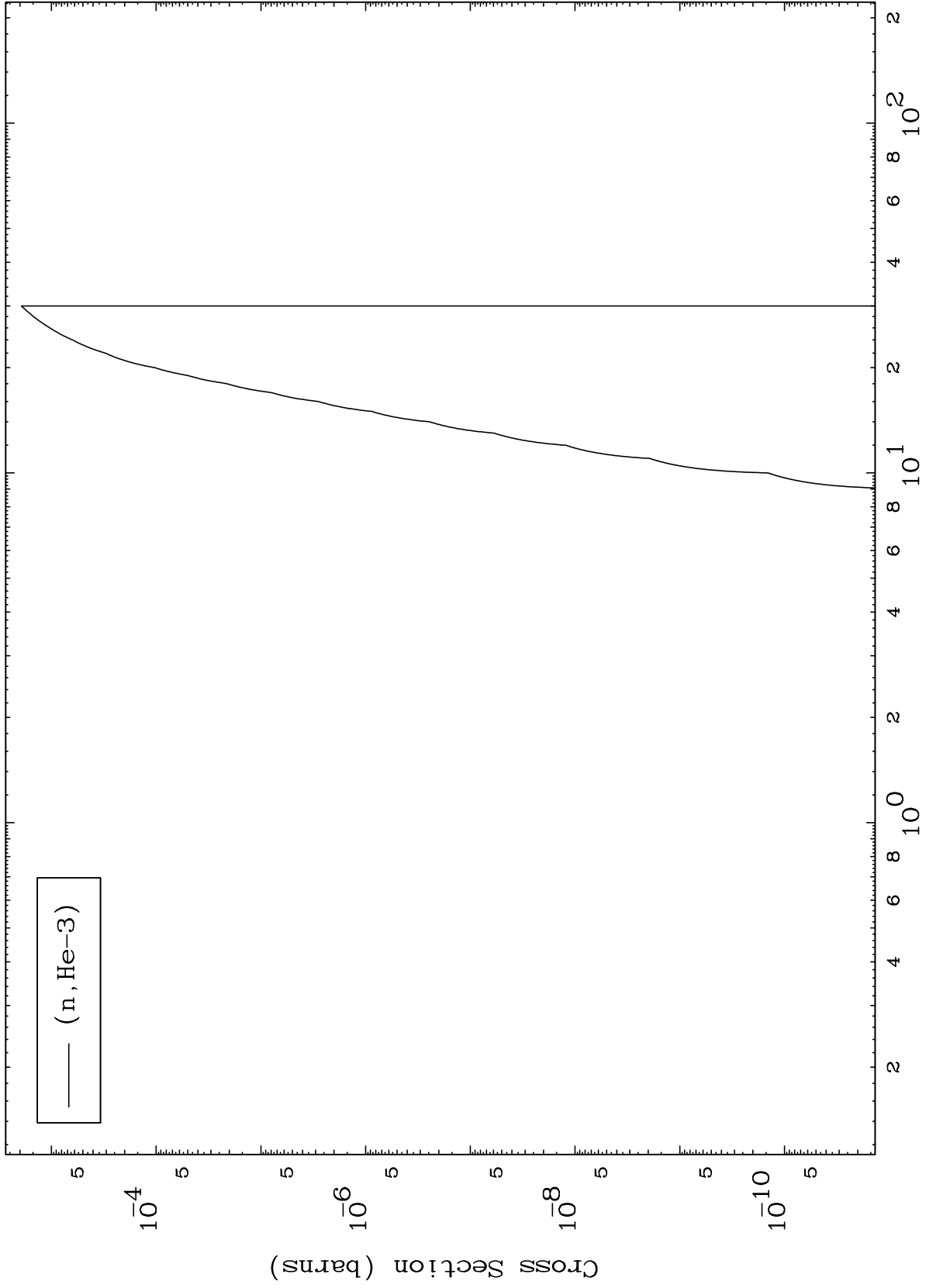
10

MAT 8290

(d,He3) Levels

83-Bi-197m

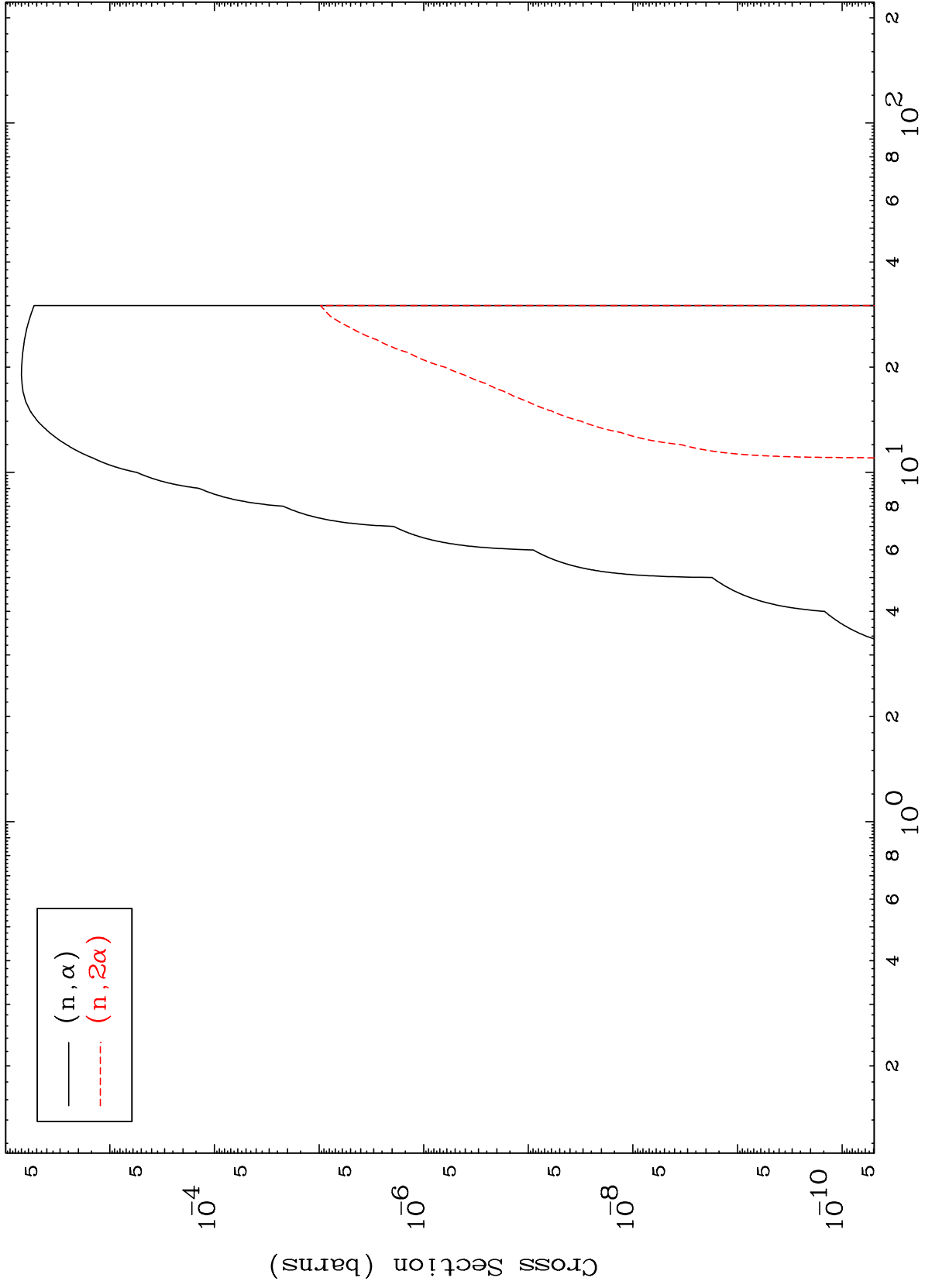
0 Kelvin Cross Sections



MAT 8290

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-197m



12

Incident Energy (MeV)

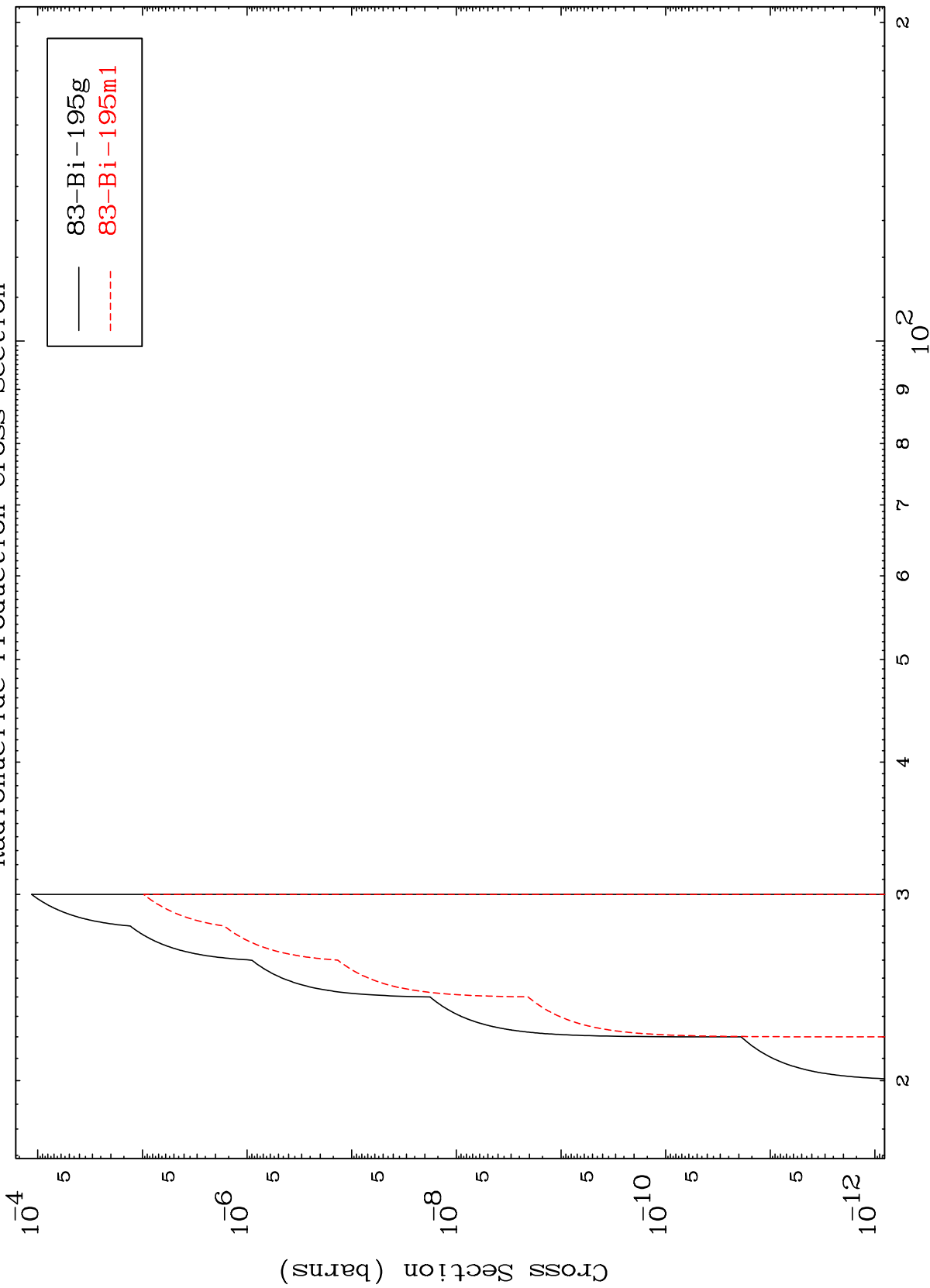
83-Bi-197m

MAT 8290

(n,2n) d

83-Bi-197m

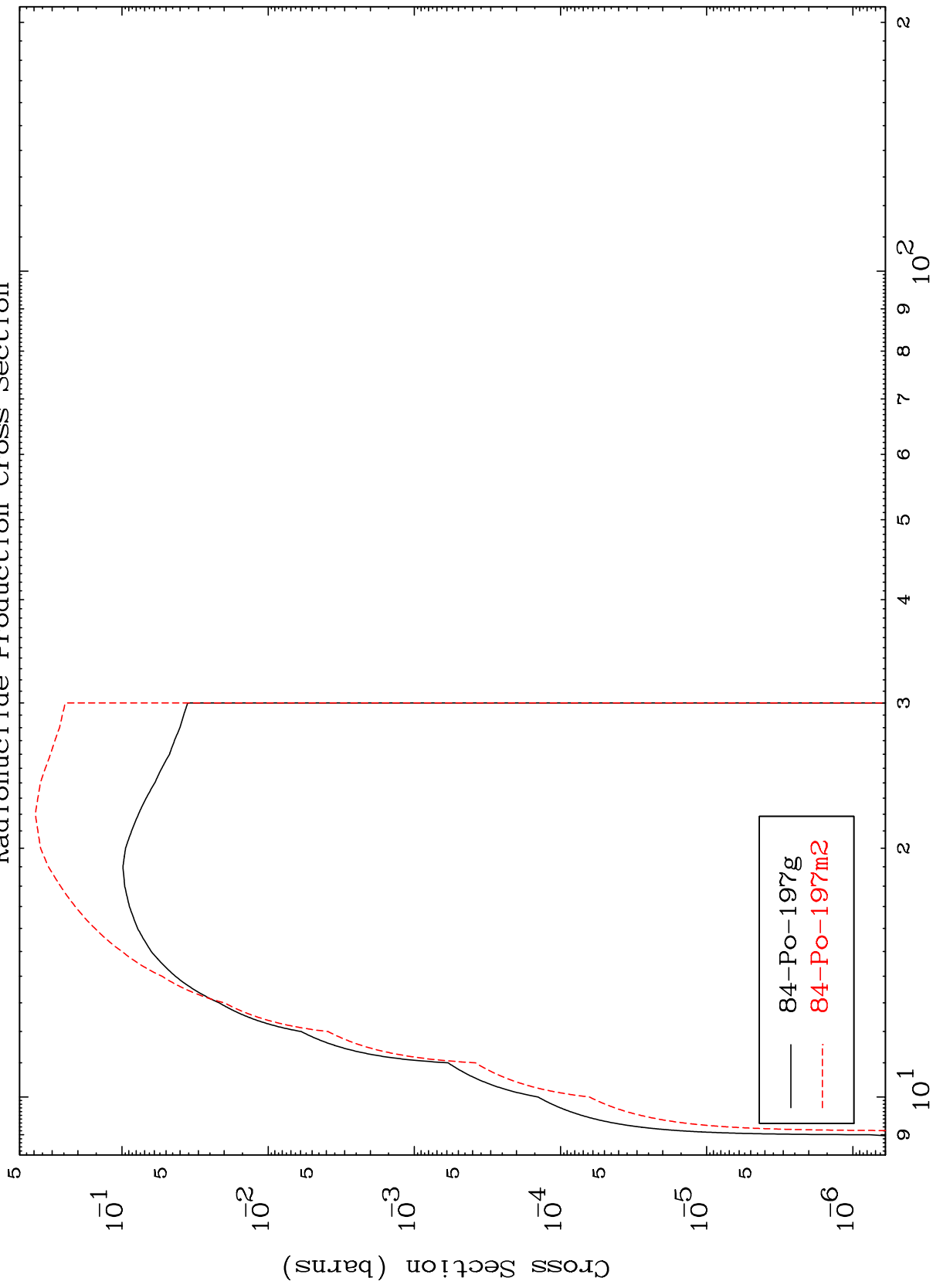
Radionuclide Production Cross Section



MAT 8290

83-Bi-197m

Radionuclide Production Cross Section
(n,2n)



83-Bi-197m

Incident Energy (MeV)

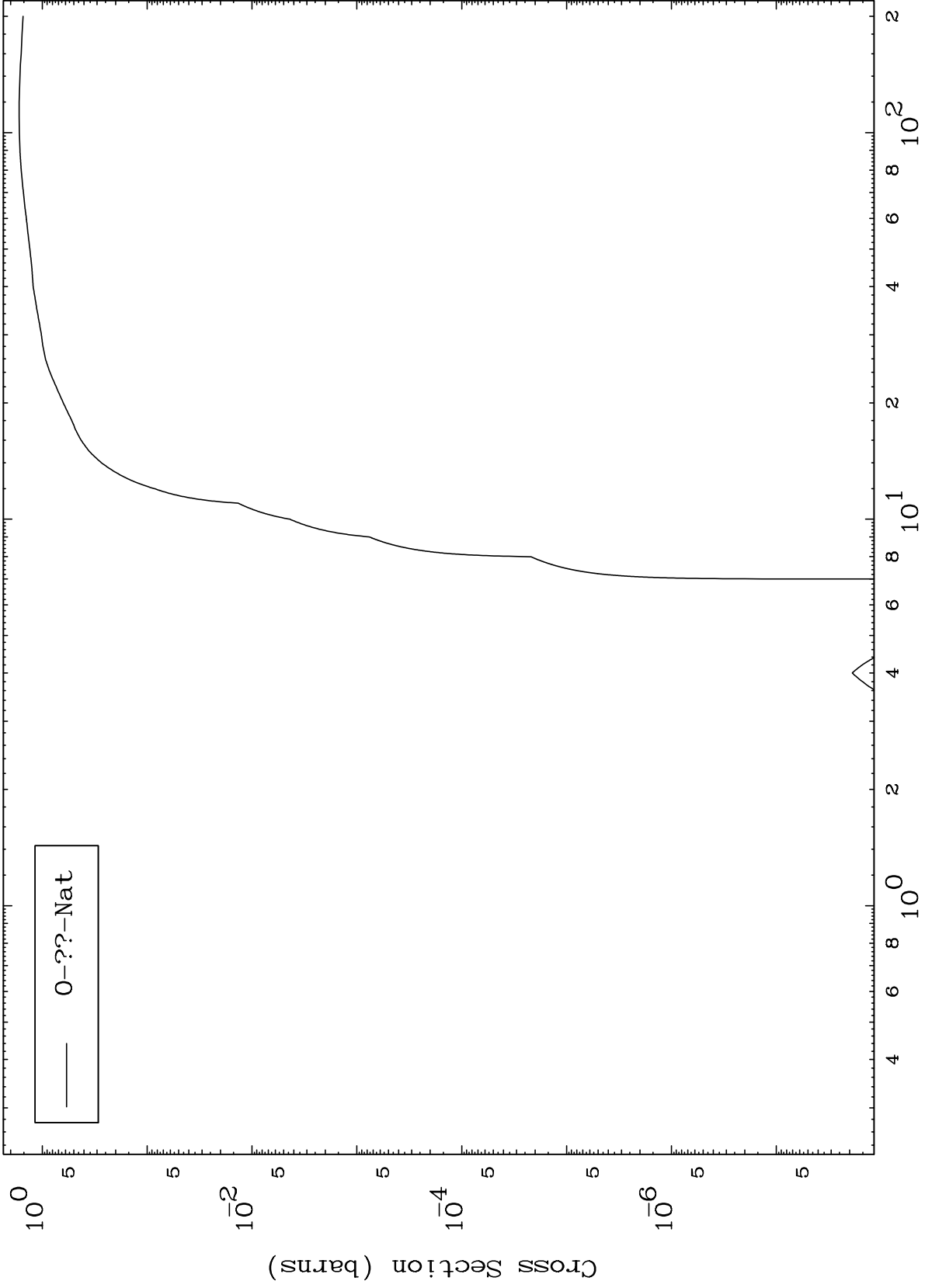
14

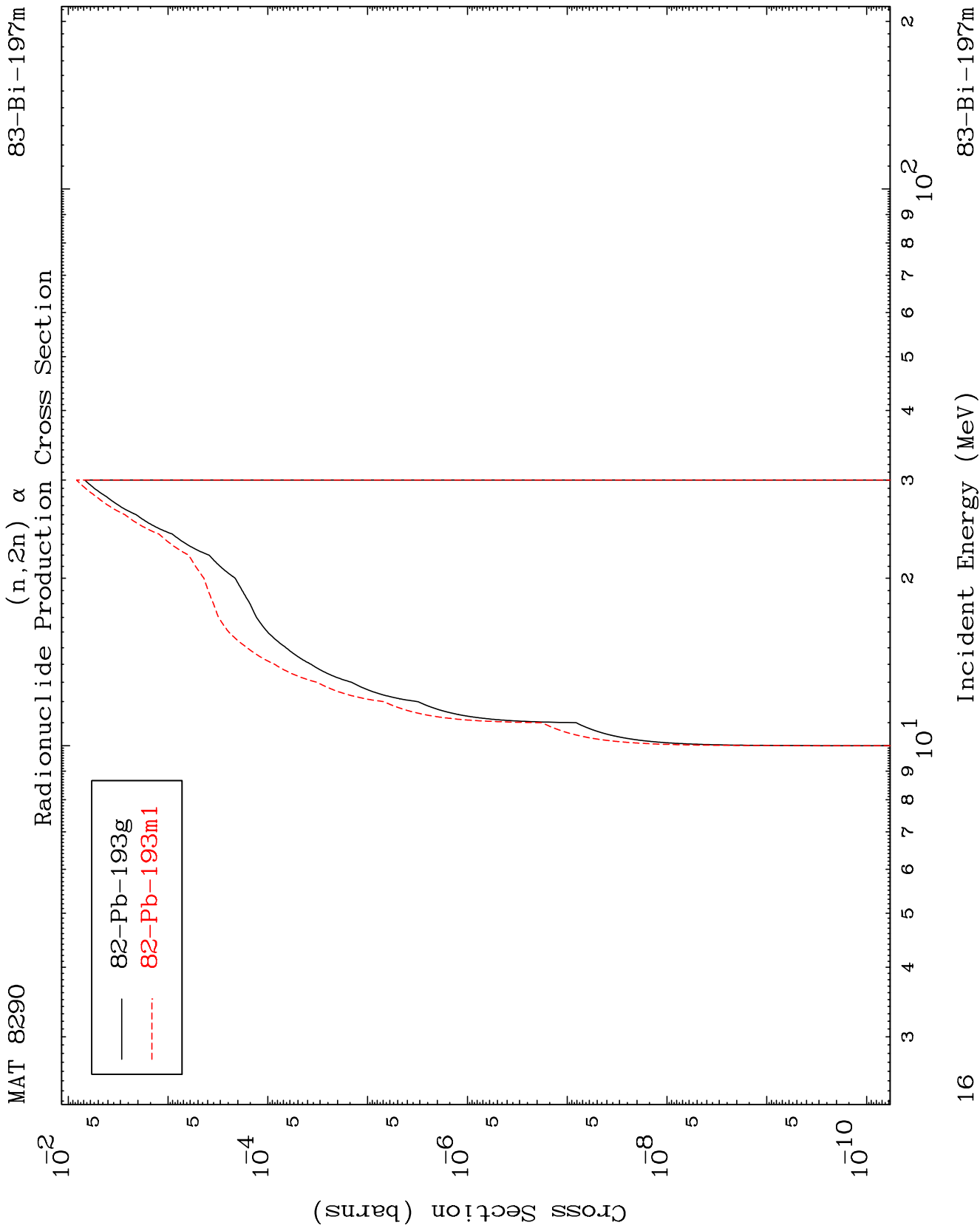
MAT 8290

Fission

83-Bi-197m

Radionuclide Production Cross Section

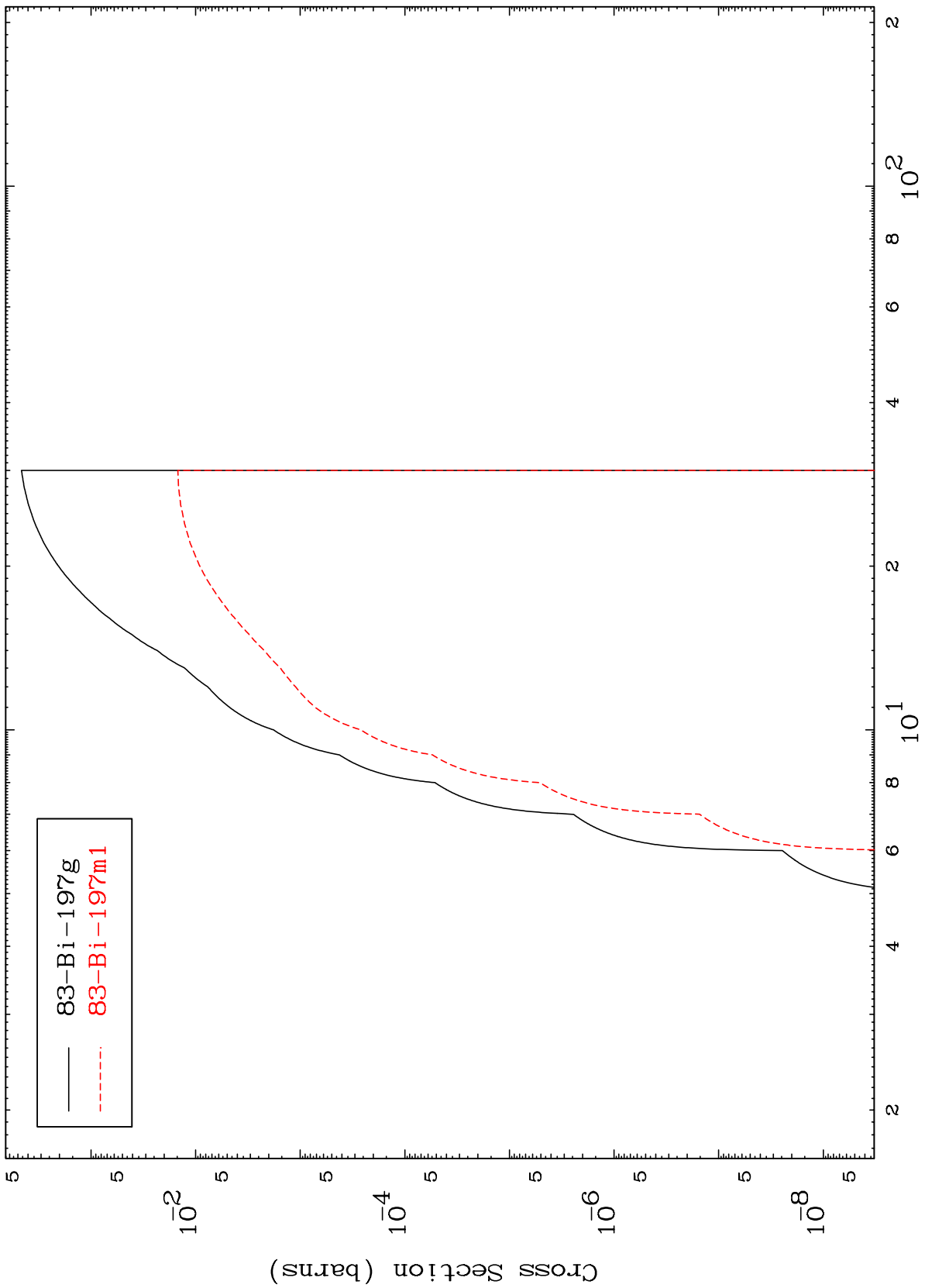




MAT 8290

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

(n, n') p
Radionuclide Production Cross Section



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

Incident Energy (MeV)

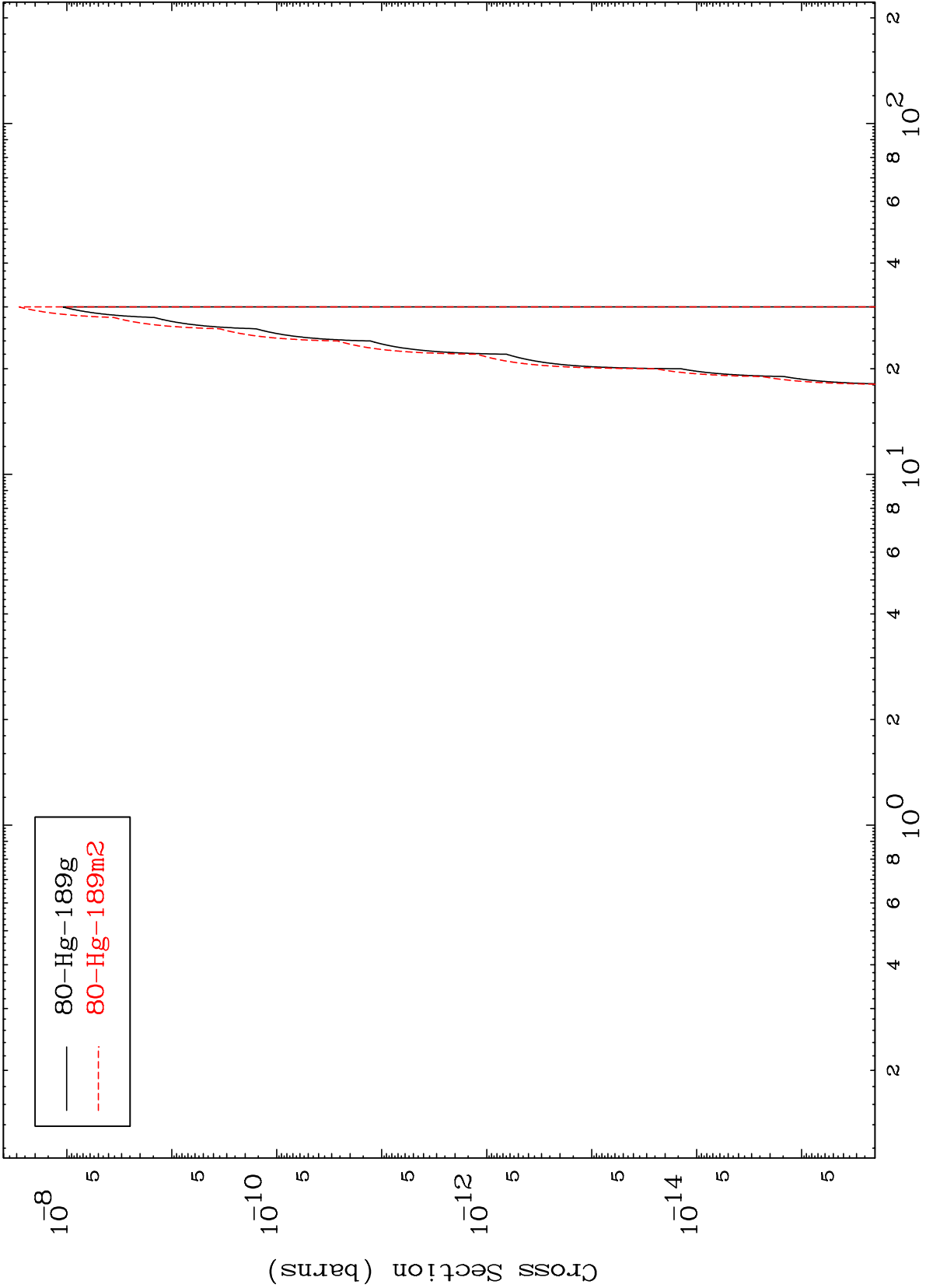
17

MAT 8290

(n,2n) 2 α

83-Bi-197m

Radionuclide Production Cross Section



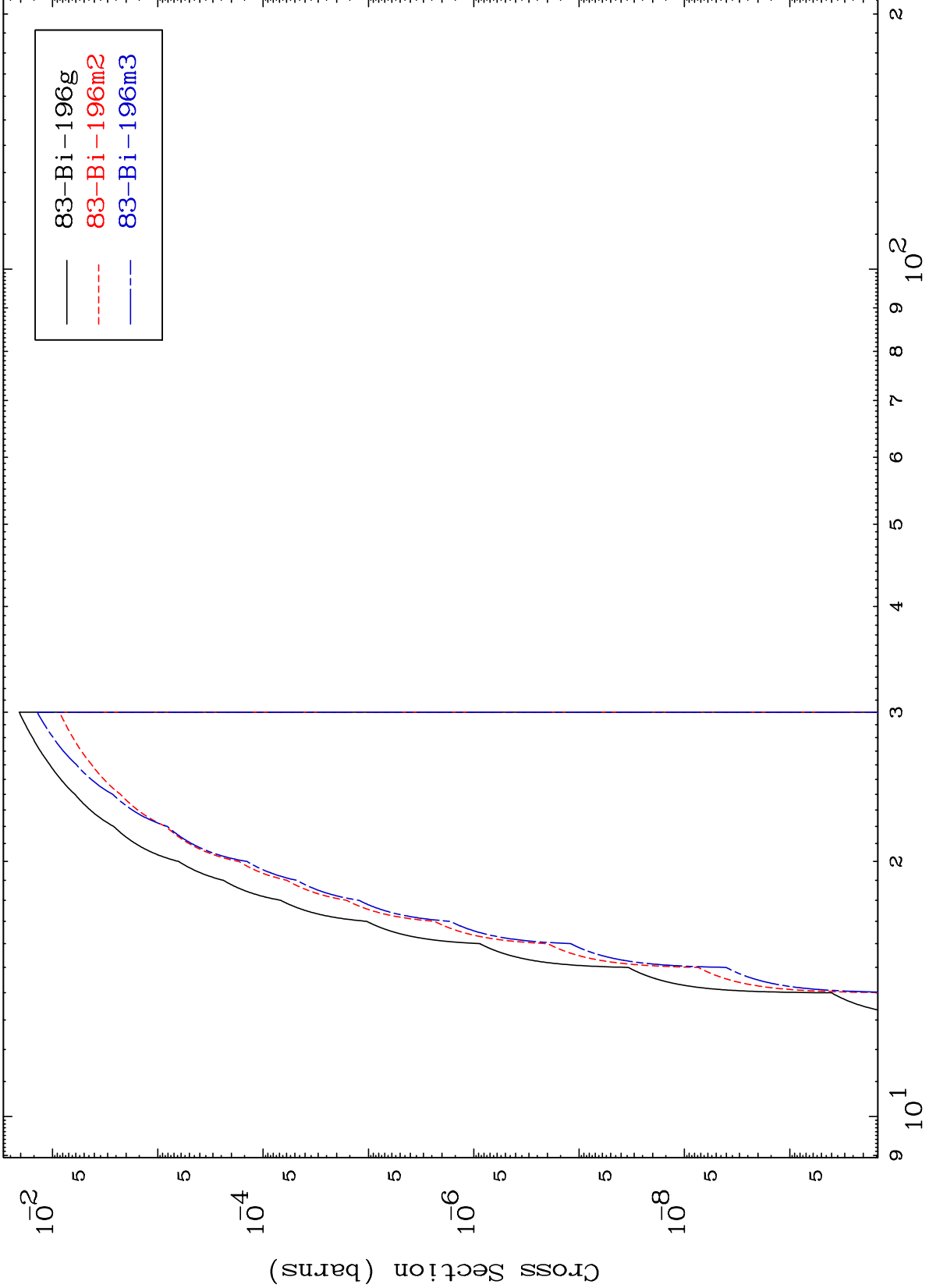
— 80-Hg-189g
- - - 80-Hg-189m2

MAT 8290

(n,n') d

83-Bi-197m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

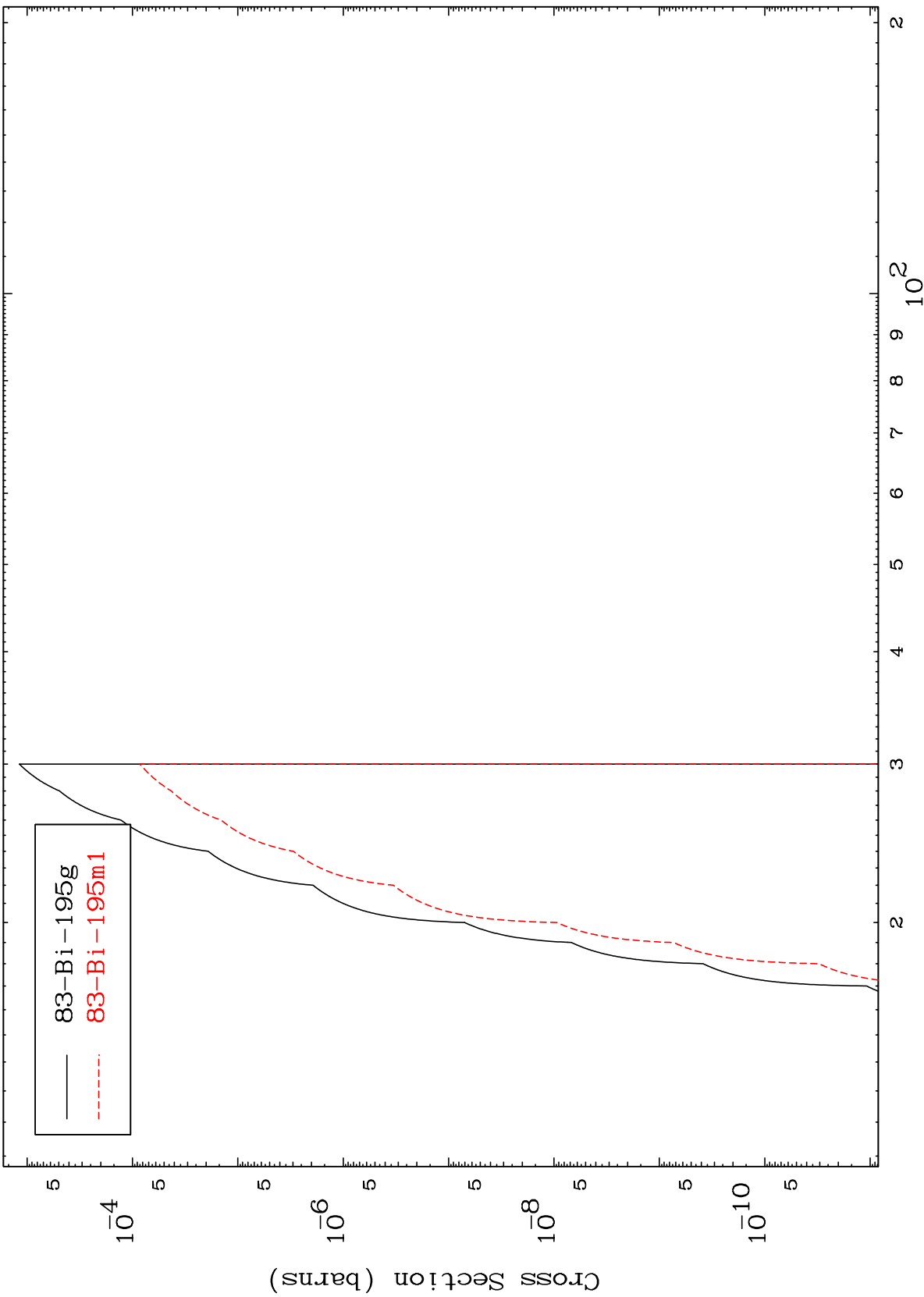
83-Bi-197m

MAT 8290

(n,n') t

⁸³Bi-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

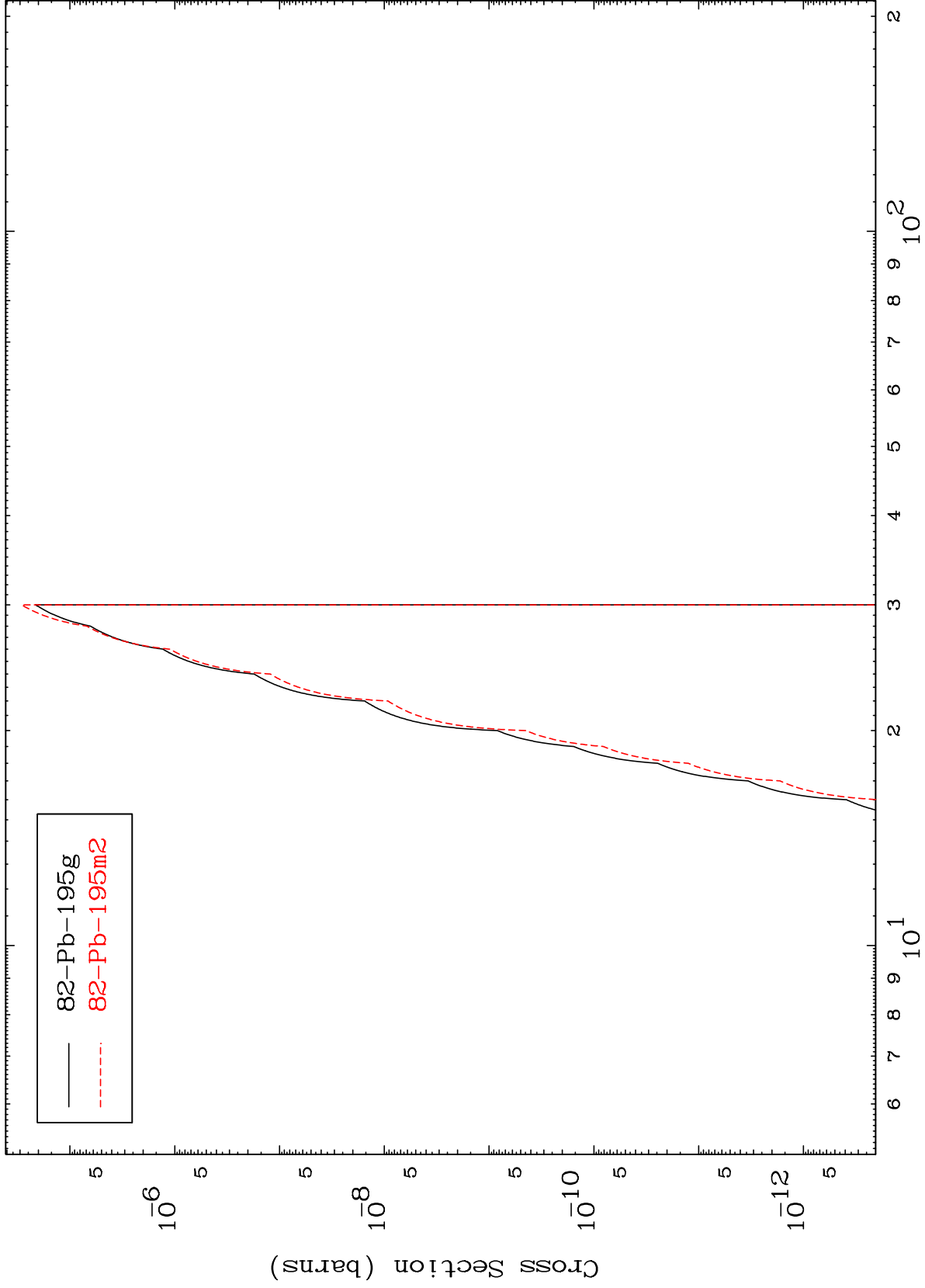
⁸³Bi-197m

MAT 8290

(n,n') He-3

83-Bi-197m

Radionuclide Production Cross Section

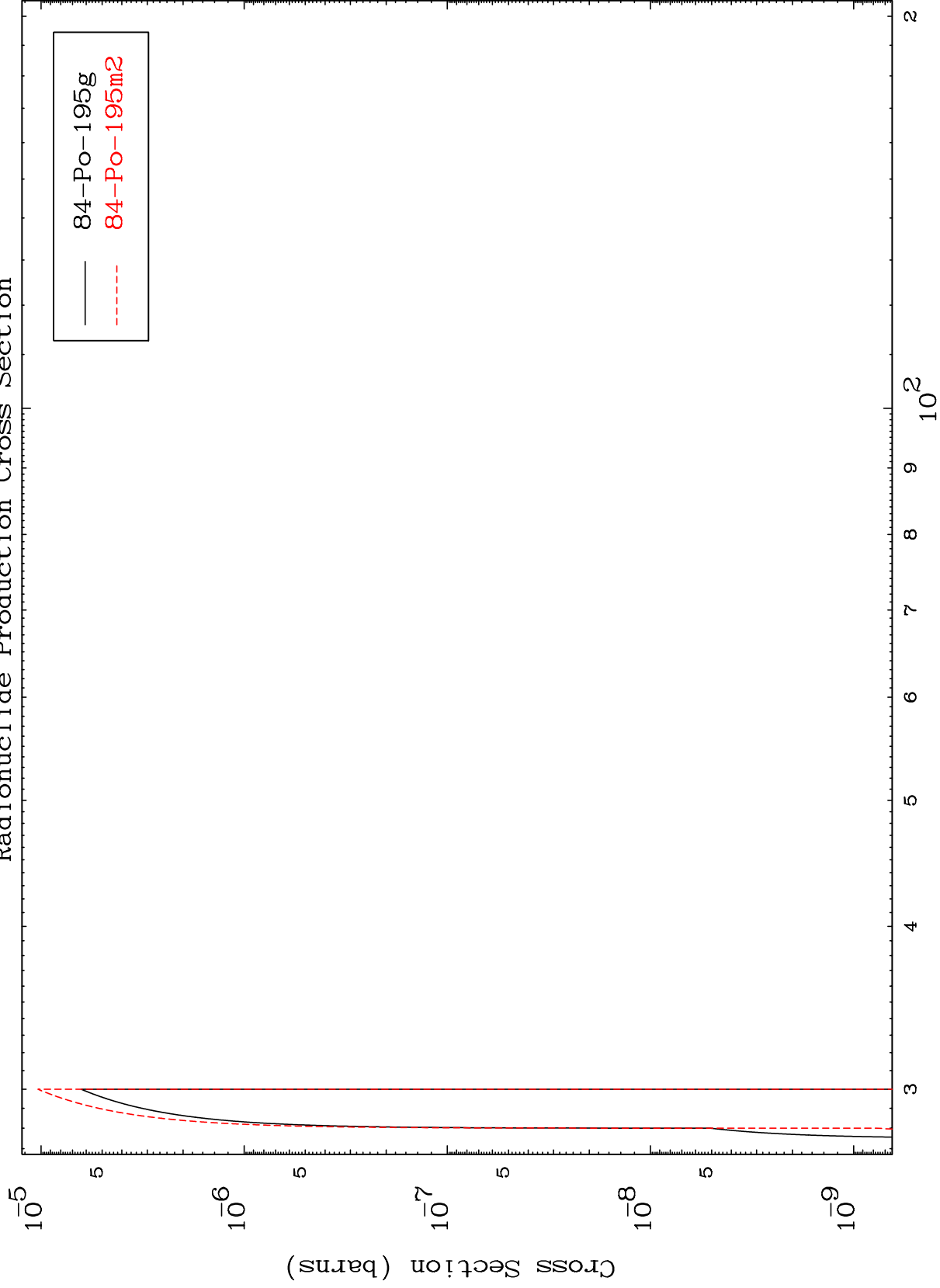


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(n,4n)

83-Bi-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

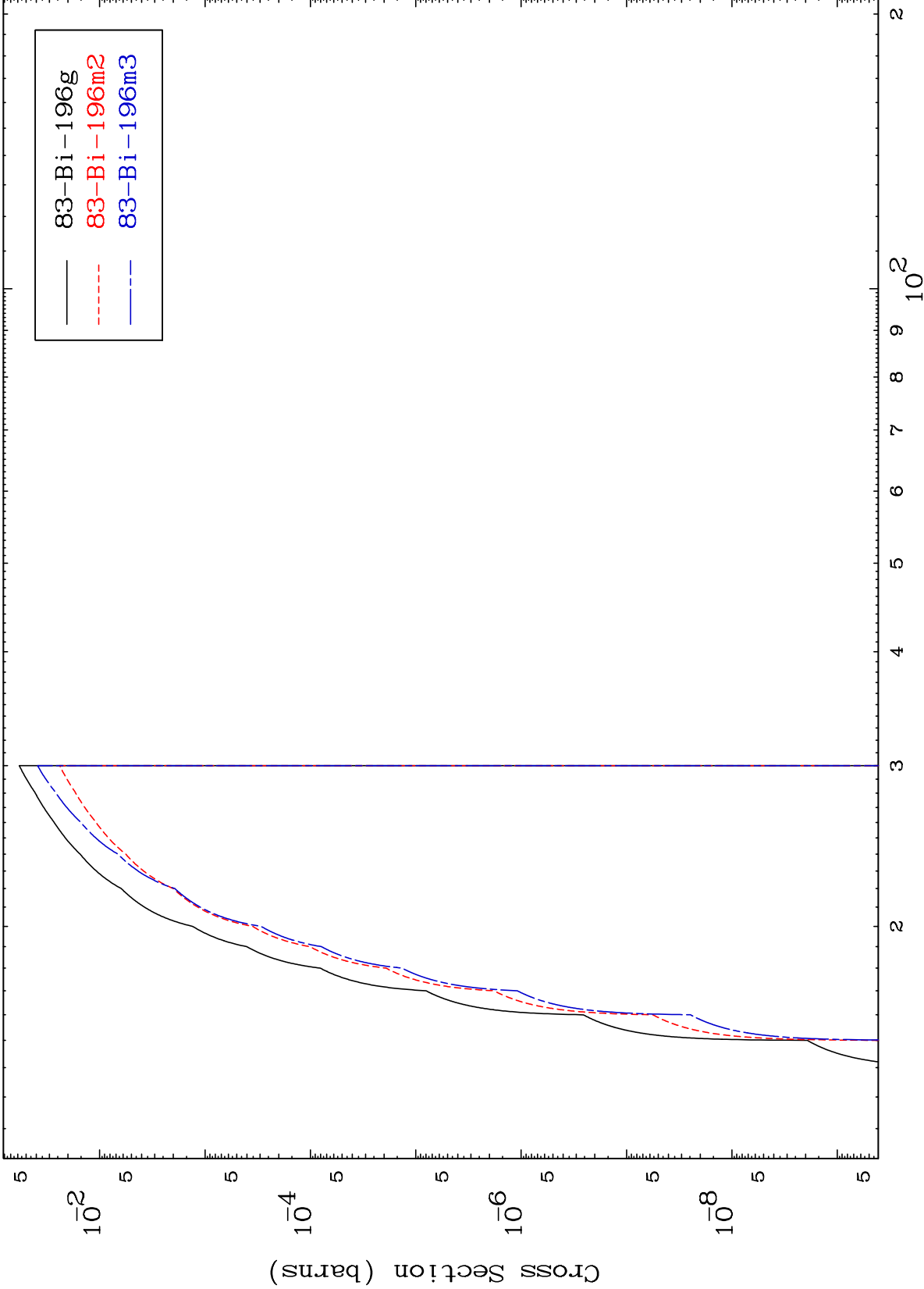
83-Bi-197m

MAT 8290

$(n,2n)$ p

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

Radionuclide Production Cross Section

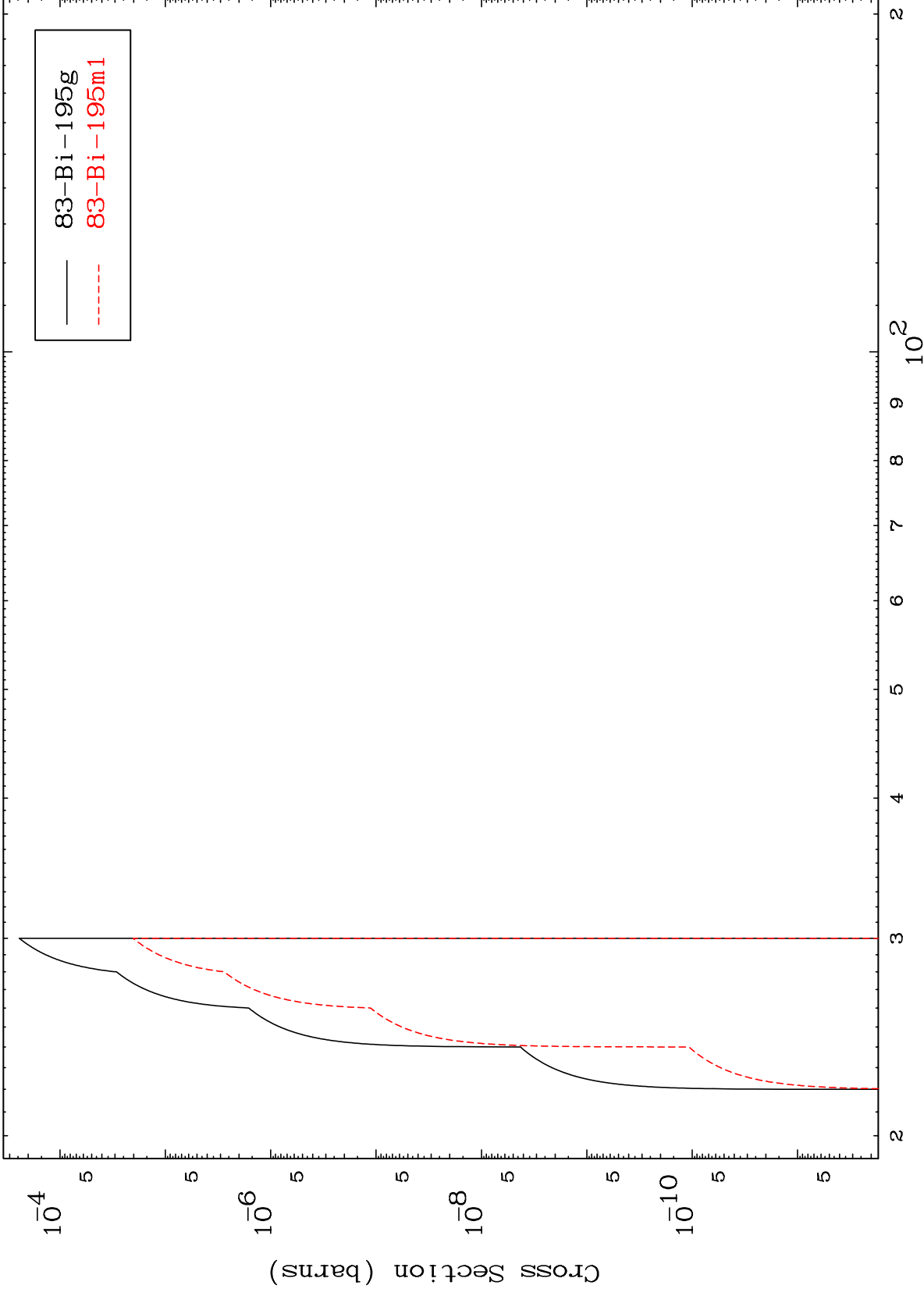


MAT 8290

(n,3n) p

83-Bi-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

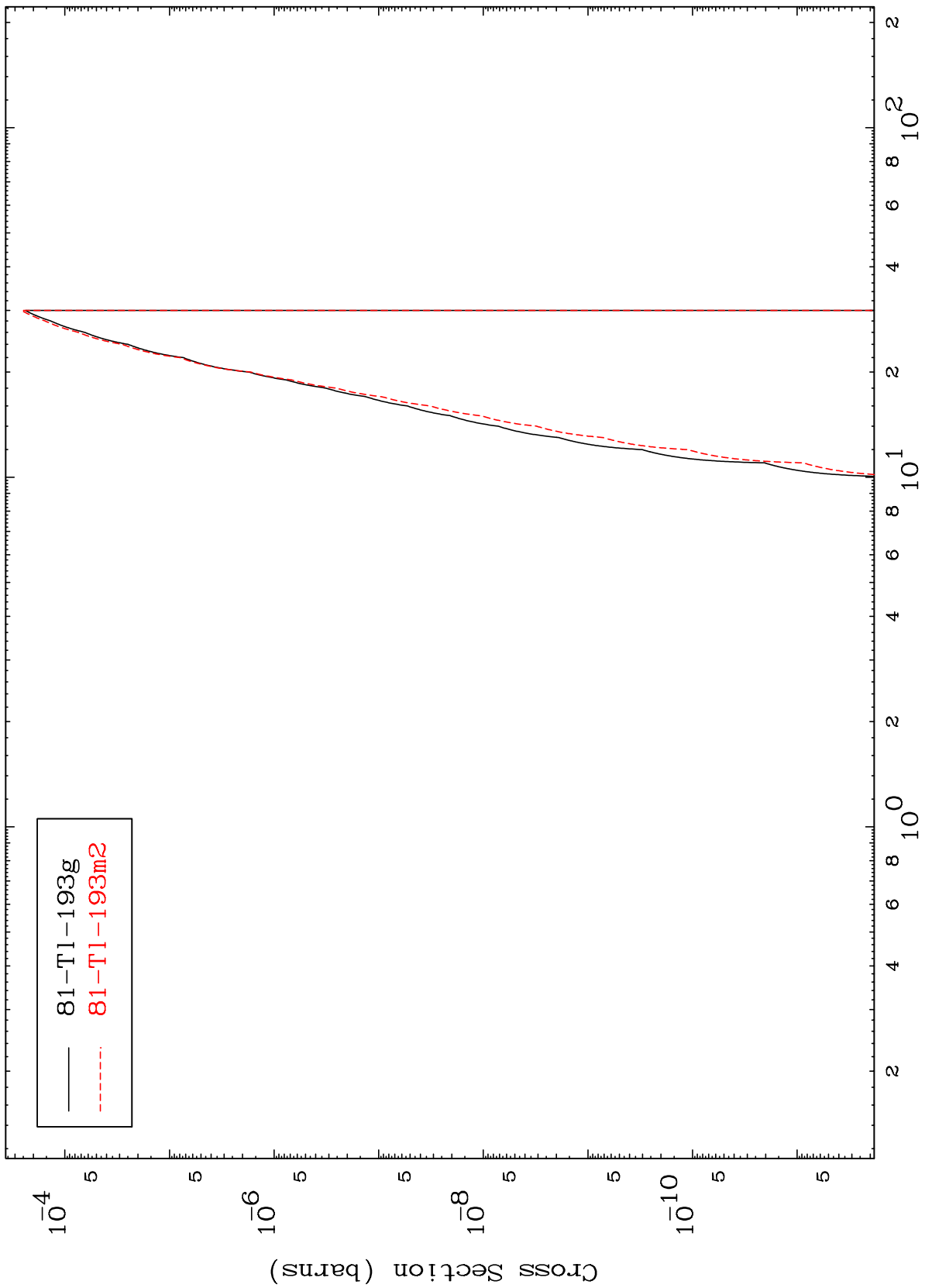
83-Bi-197m

MAT 8290

(n,n') p α

83-Bi-197m

Radionuclide Production Cross Section

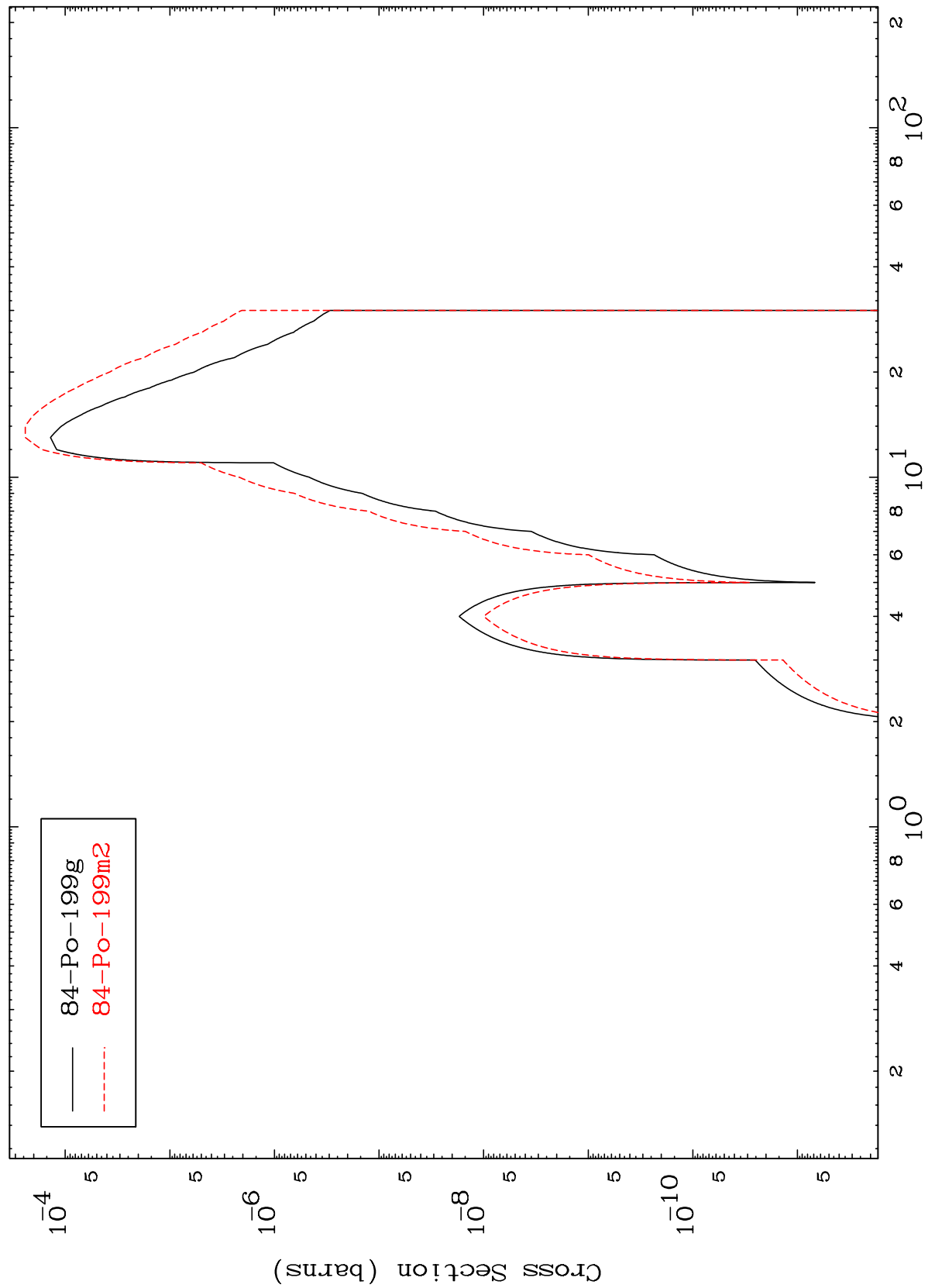


81-Tl-193g
81-Tl-193m2

MAT 8290

83-Bi-197m

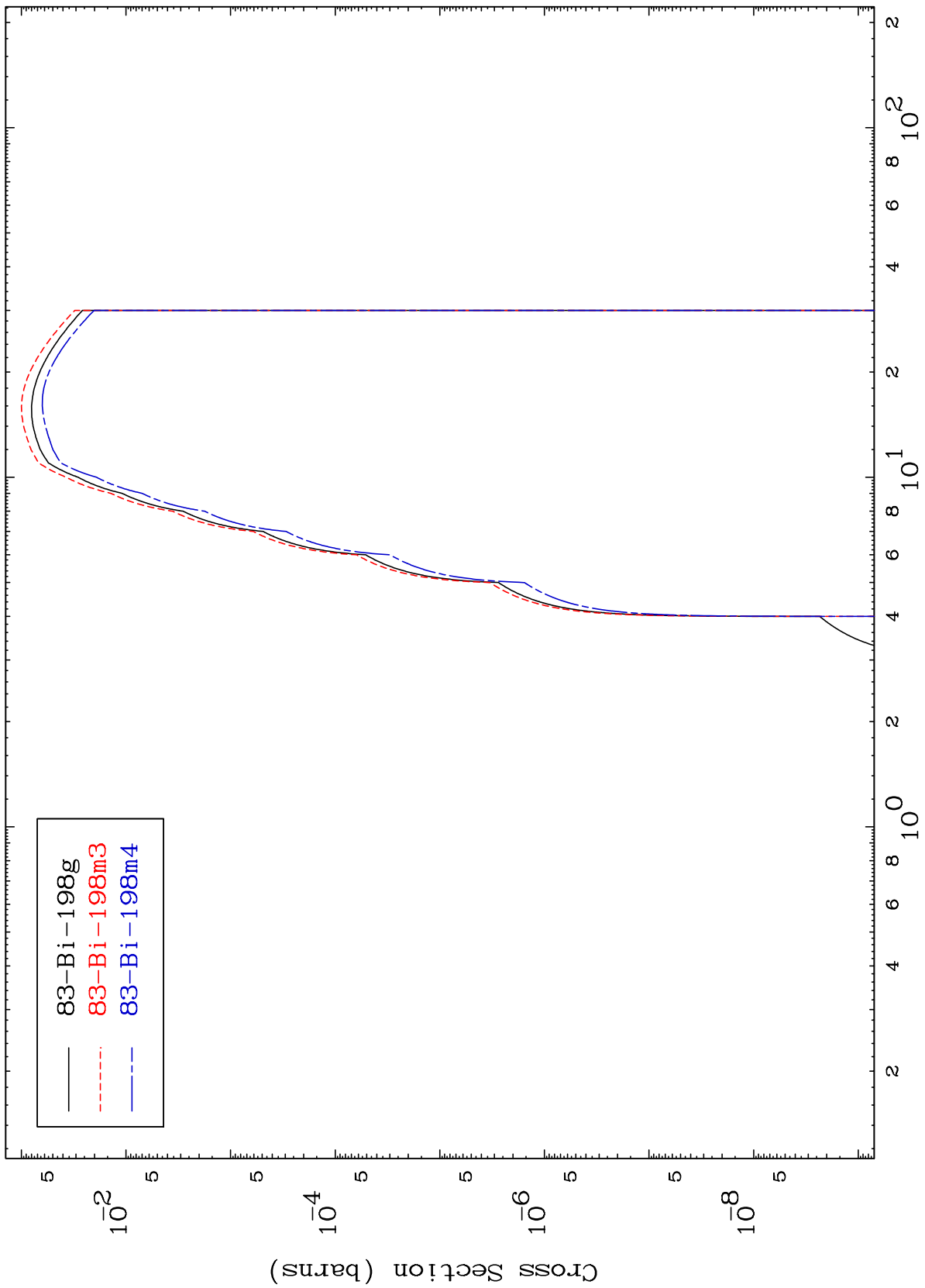
(n, γ)
Radionuclide Production Cross Section



MAT 8290

⁸³Bi-197m

(n,p)
Radionuclide Production Cross Section



⁸³Bi-197m

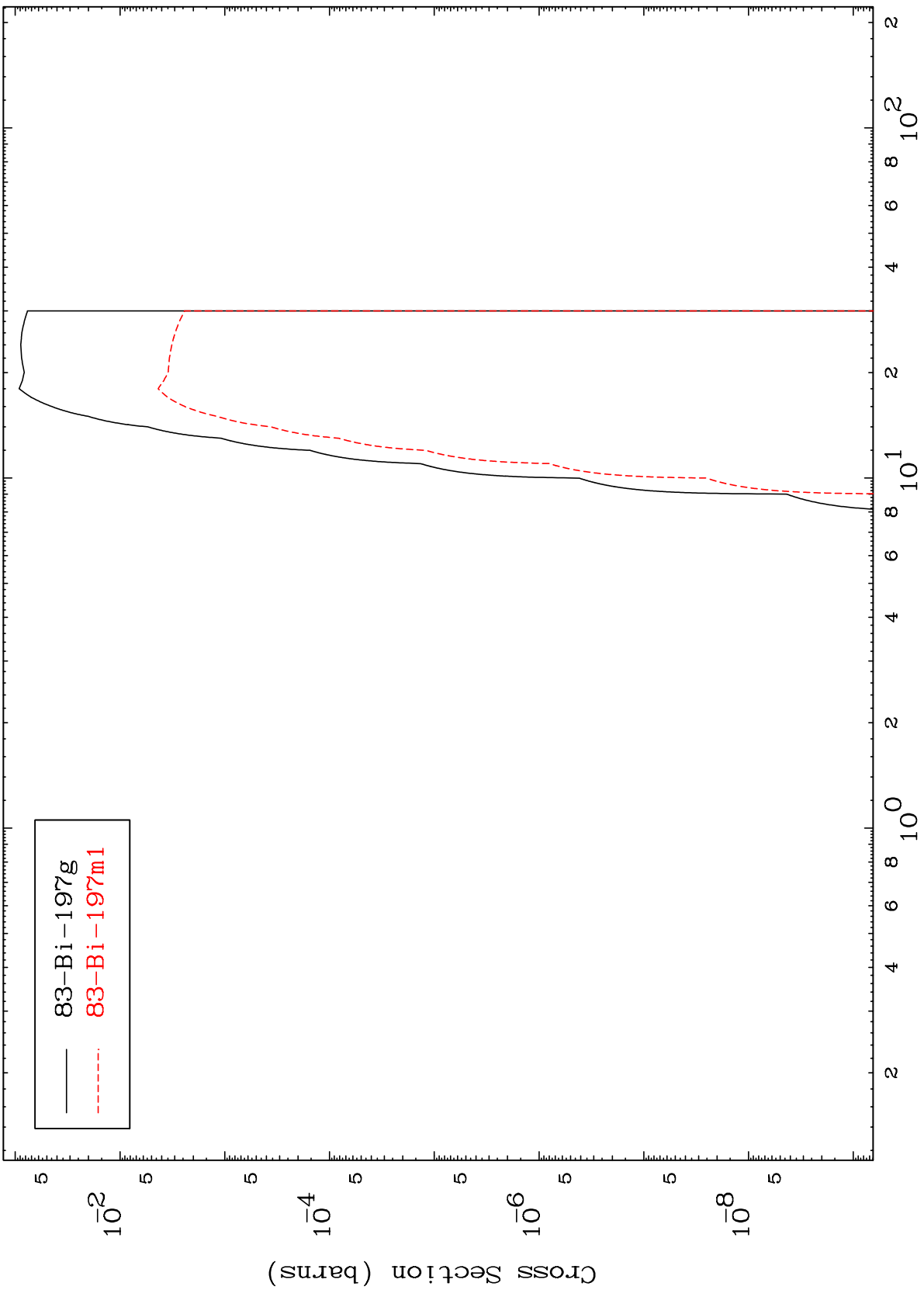
Incident Energy (MeV)

MAT 8290

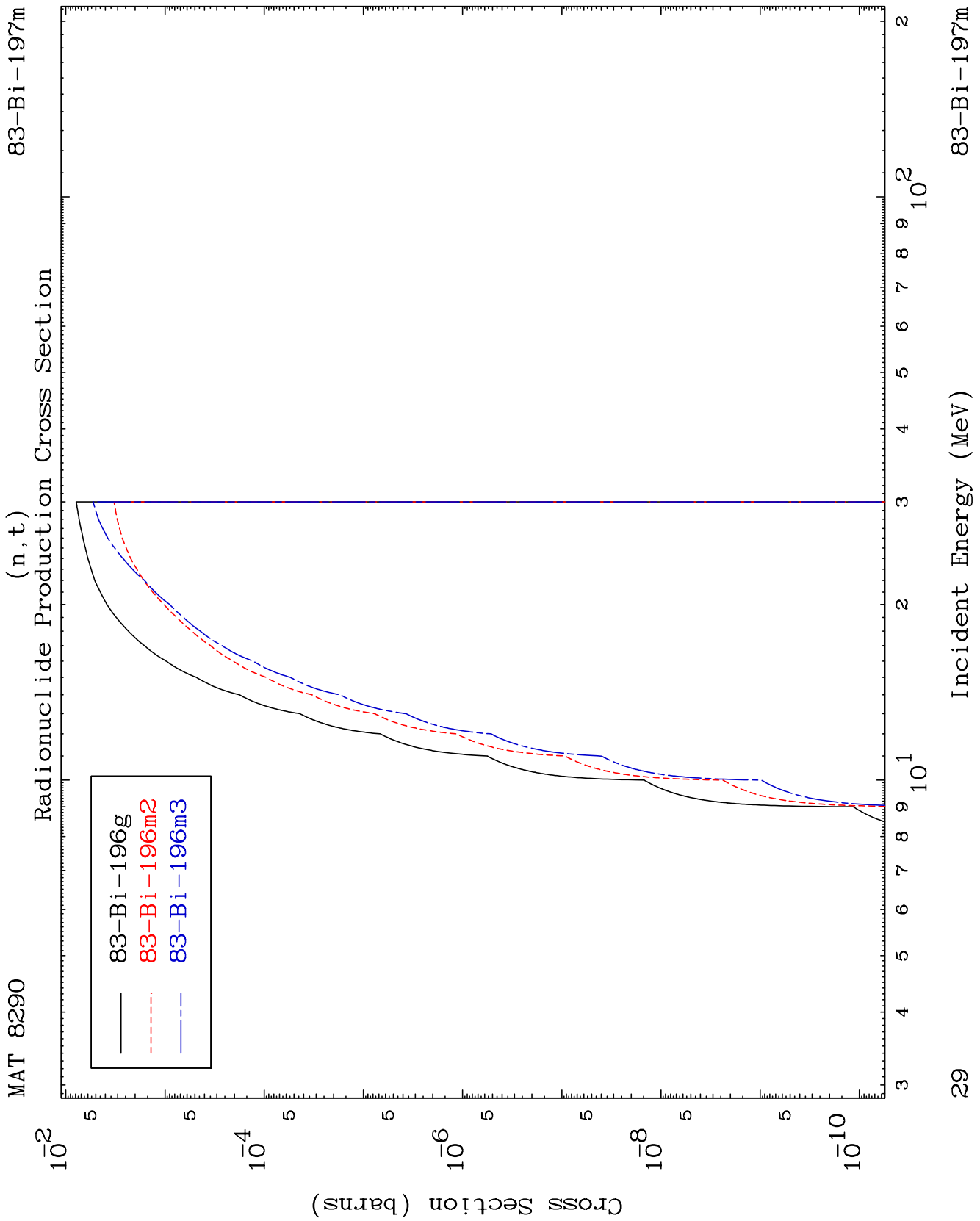
(n,d)

⁸³Bi-197m

Radionuclide Production Cross Section

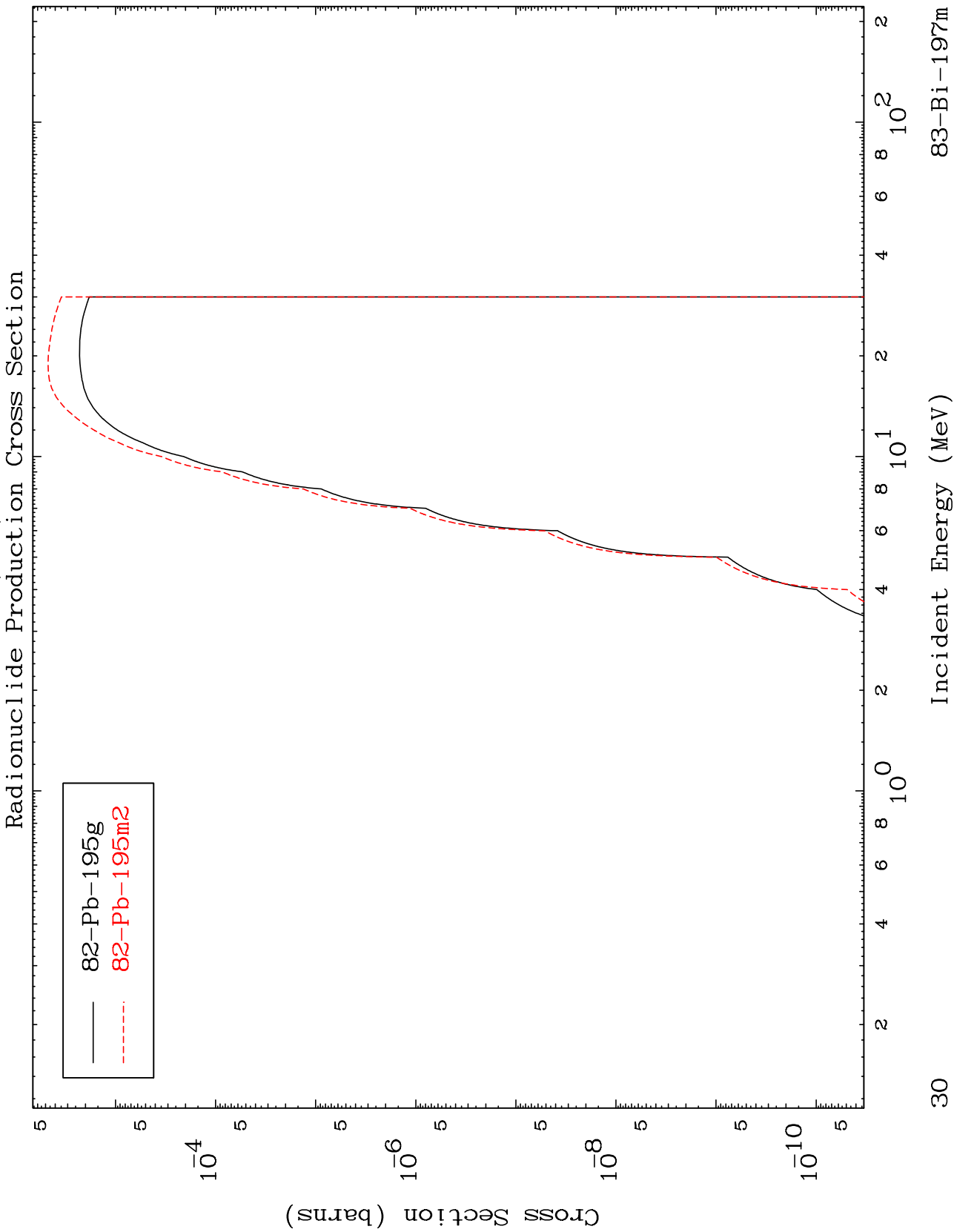


— 83-Bi-197g
- - - 83-Bi-197m1



MAT 8290

83-Bi-197m

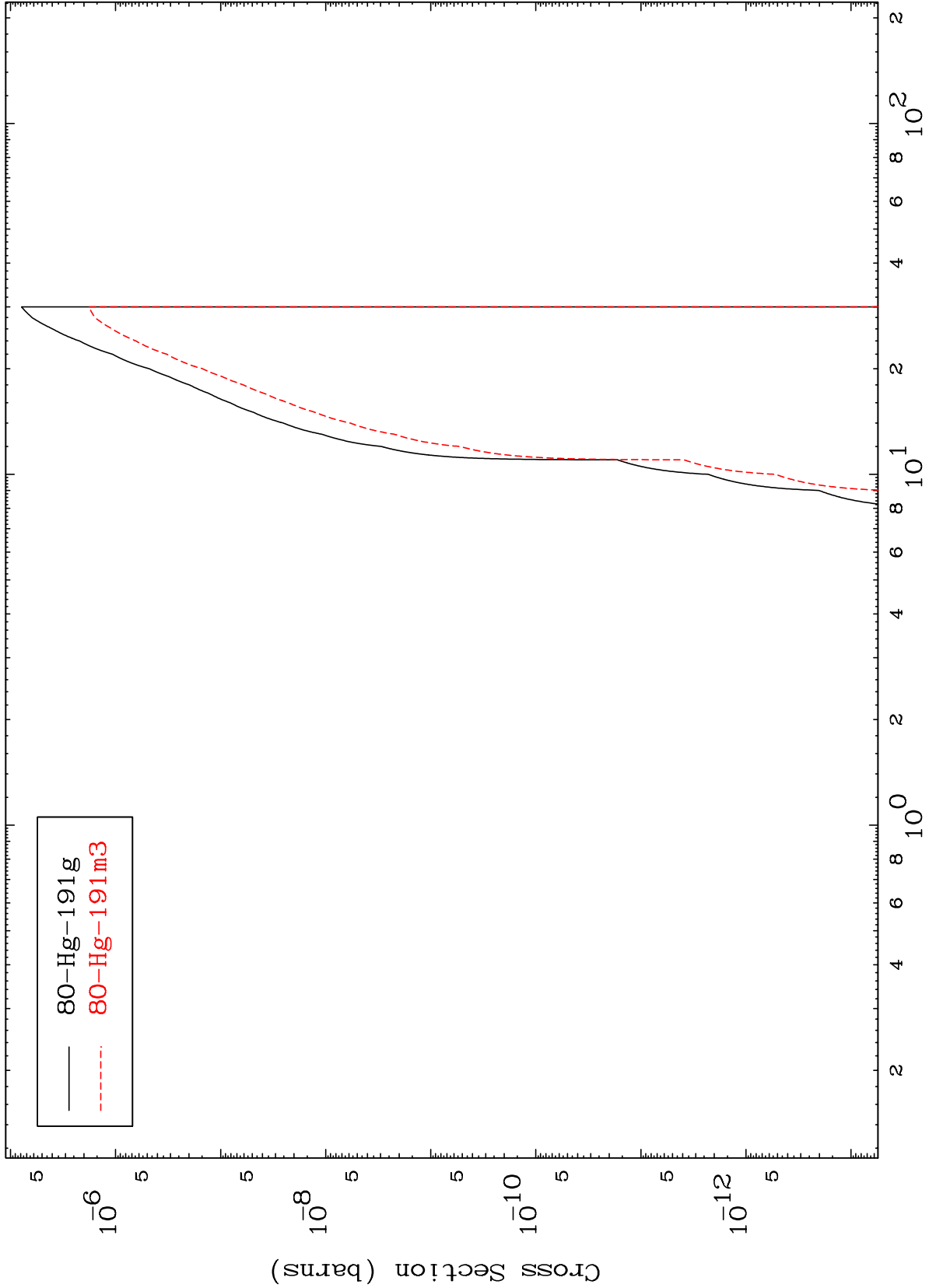


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(n,2α)

83-Bi-197m

Radionuclide Production Cross Section

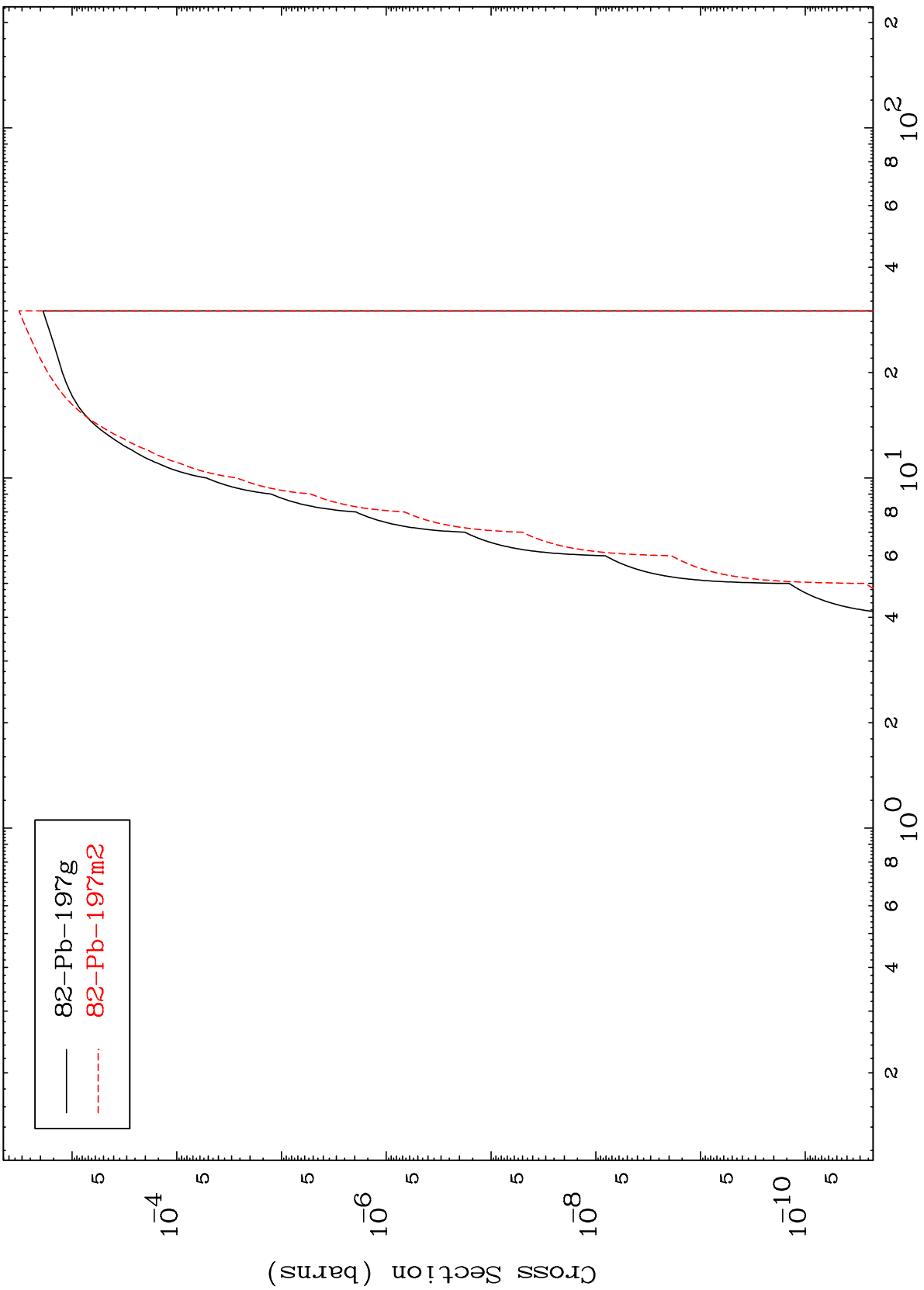


MAT 8290

⁸³Bi-197m

(n,2p)

Radionuclide Production Cross Section



— 82-Pb-197g
- - - 82-Pb-197m2

⁸³Bi-197m

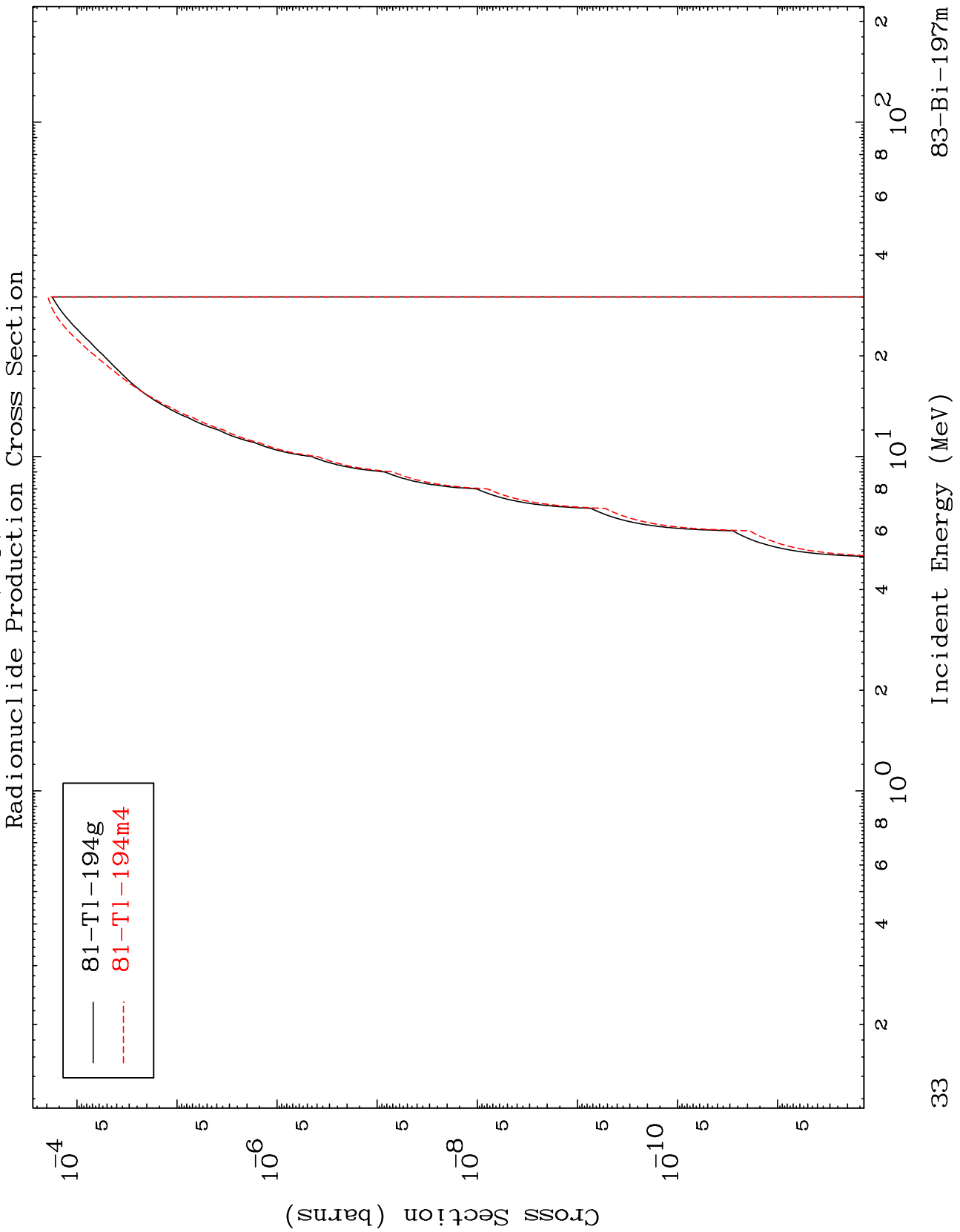
Incident Energy (MeV)

32

MAT 8290

(n,p) α

83-Bi-197m

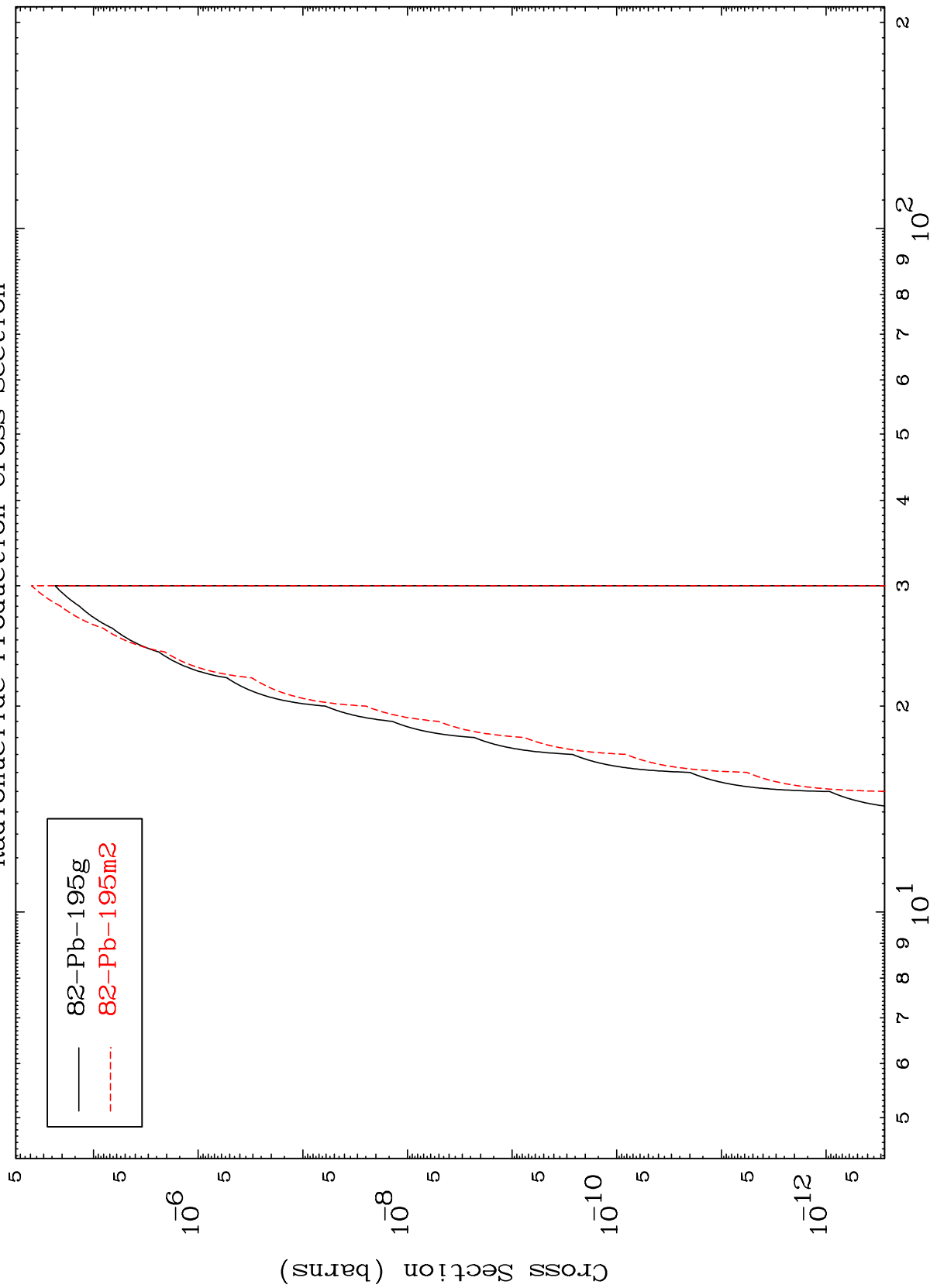


MAT 8290

(n,p) t

83-Bi-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-197m

34

MAT 8290

(n,d) α

83-Bi-197m

