

Program EVALPLOT
(Version 2021-1)

by

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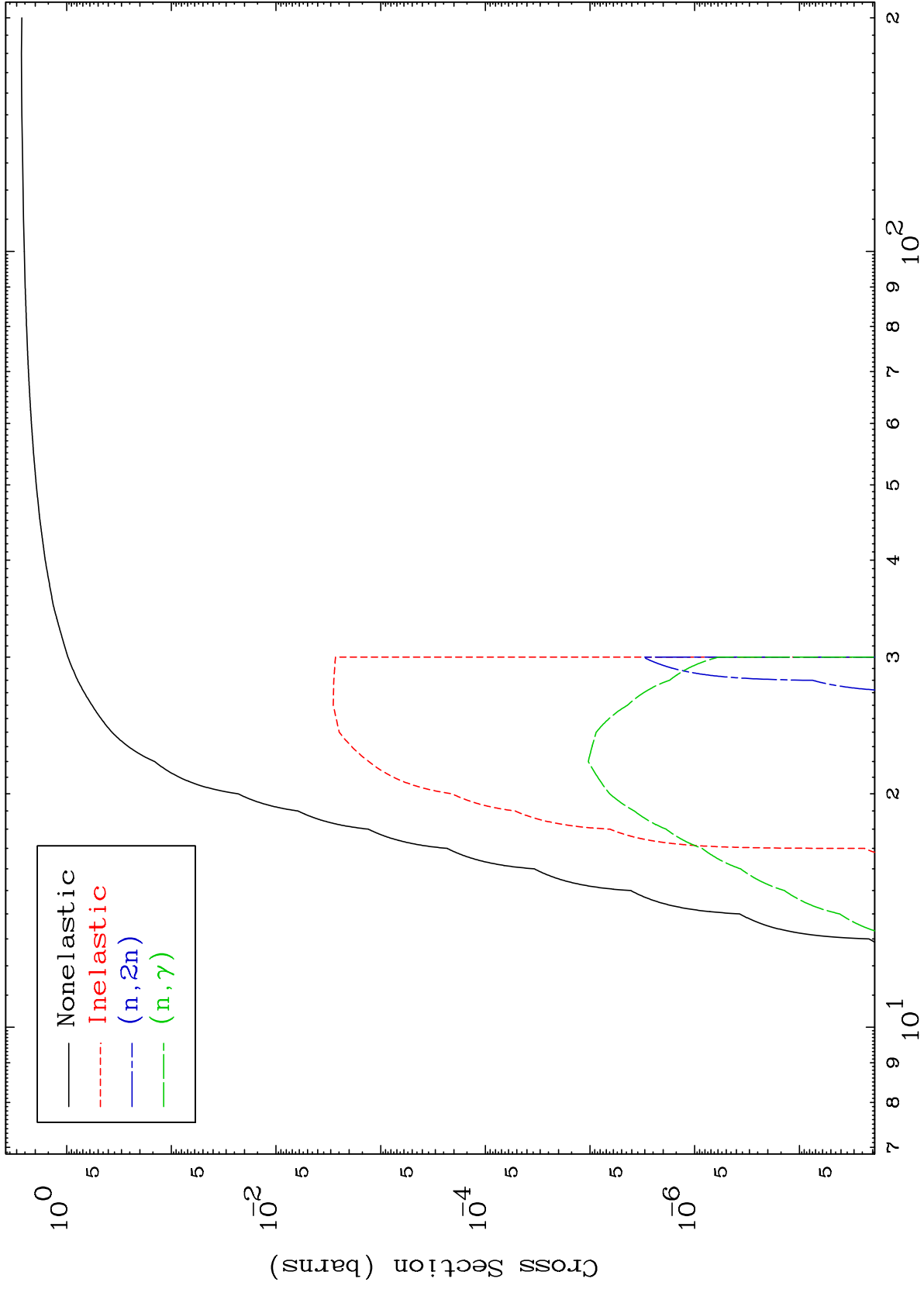
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8275

0 Kelvin Cross Sections

83-Bi-192m



83-Bi-192m

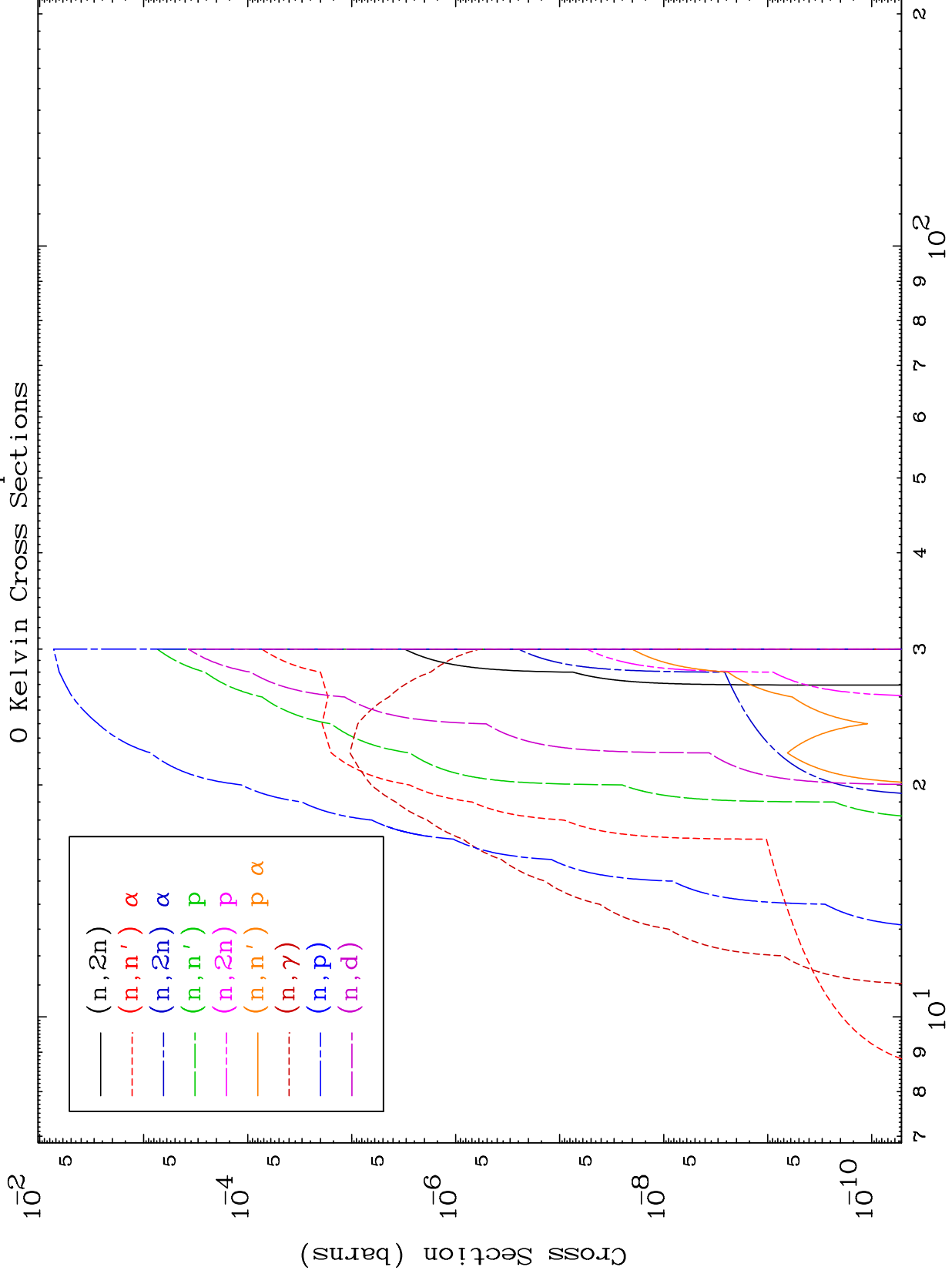
Incident Energy (MeV)

1

MAT 8275

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-192m



2

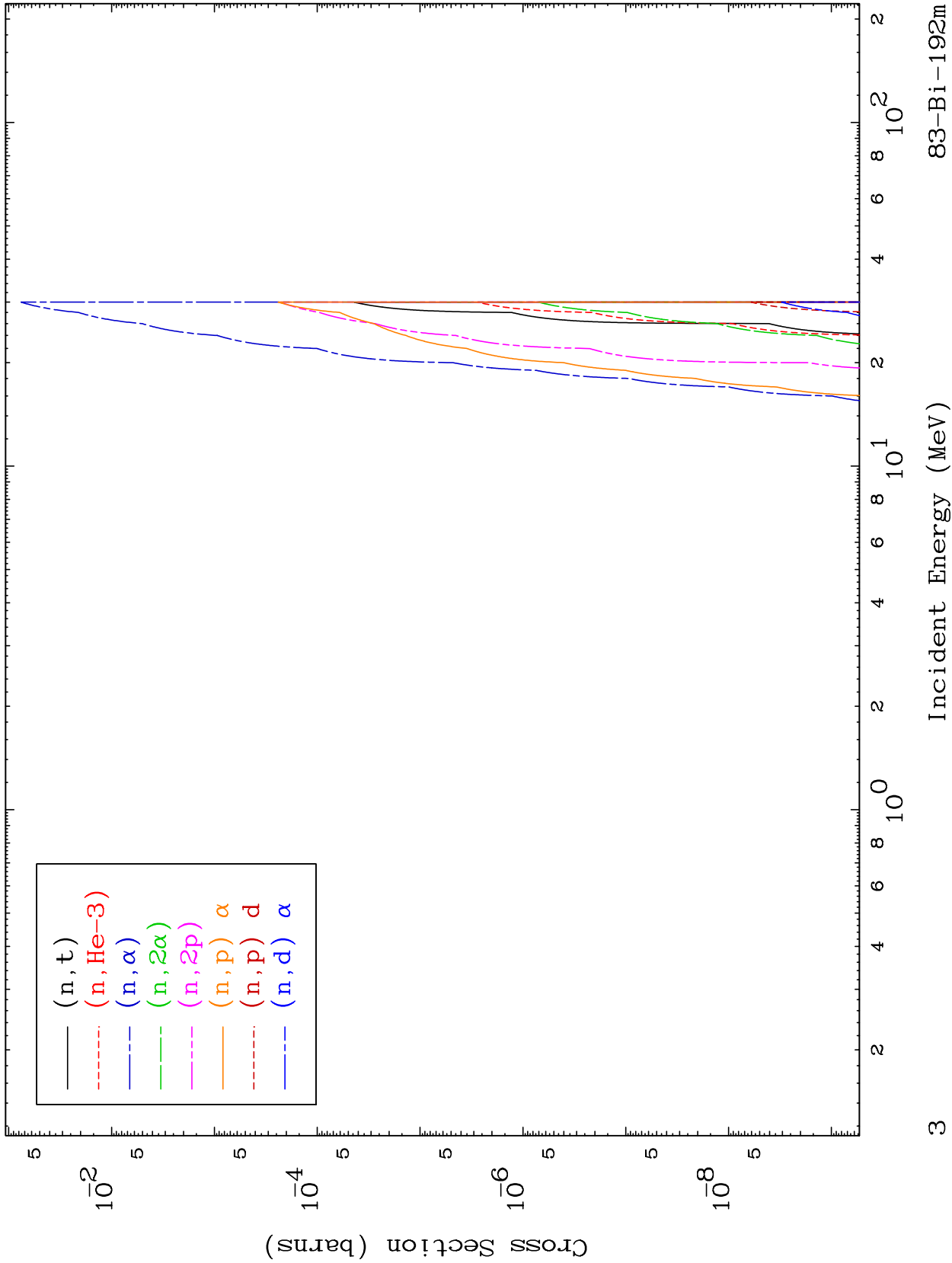
Incident Energy (MeV)

83-Bi-192m

MAT 8275

α Neutron Absorption
0 Kelvin Cross Sections

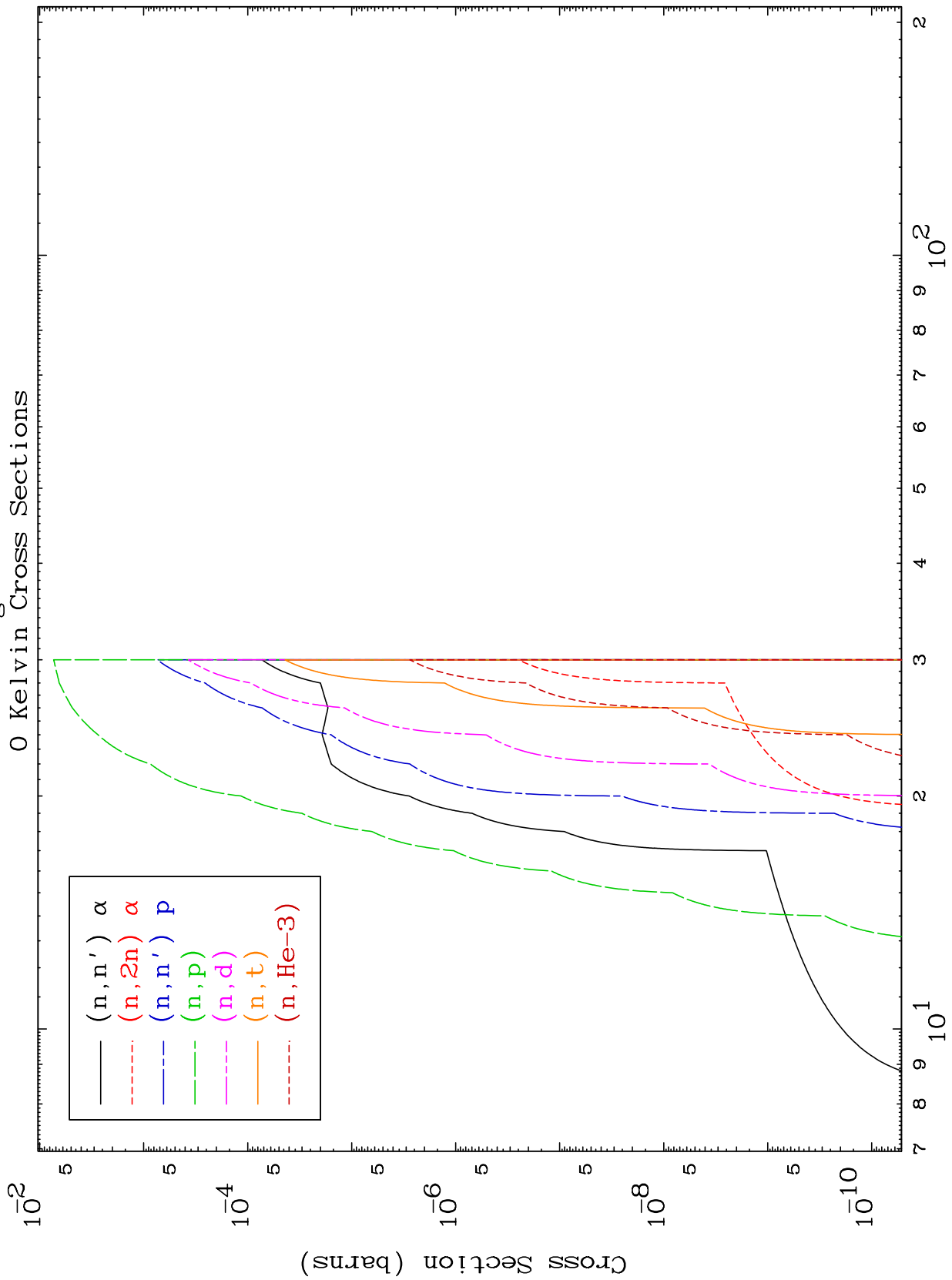
83-Bi-192m



MAT 8275

α Charged Particle
0 Kelvin Cross Sections

83-Bi-192m



4

Incident Energy (MeV)

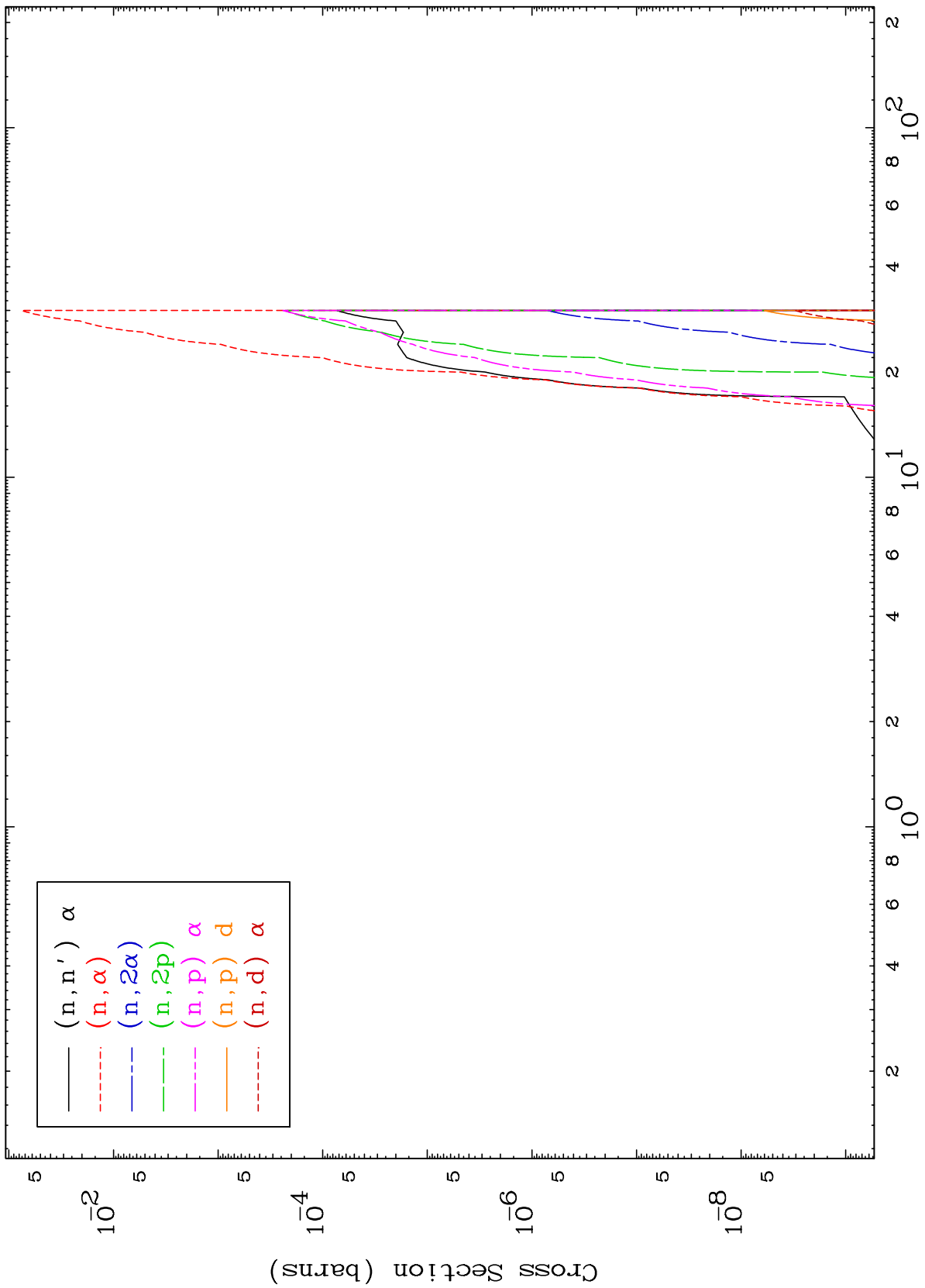
83-Bi-192m

MAT 8275

α Charged Particle

83-Bi-192m

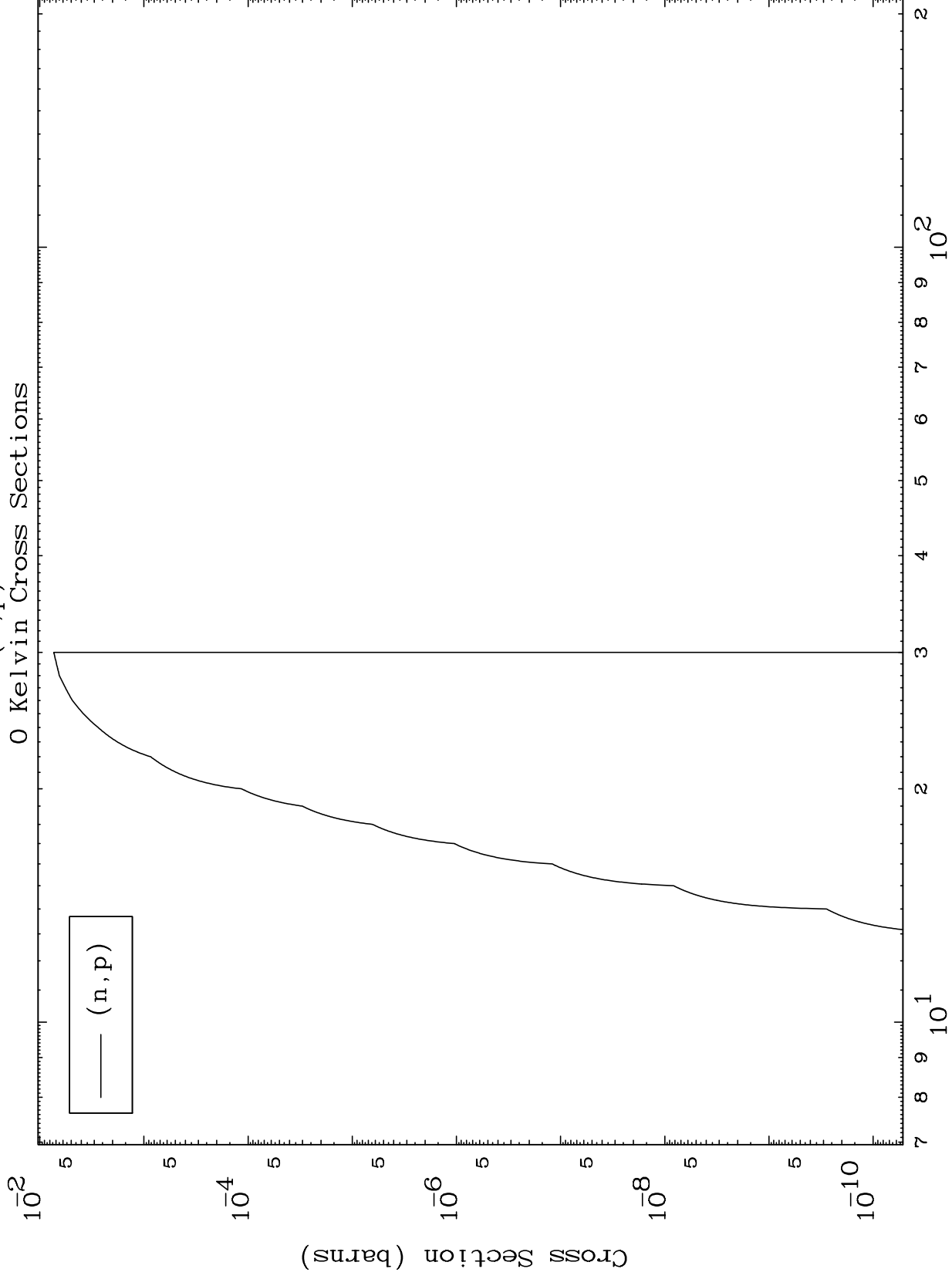
0 Kelvin Cross Sections



MAT 8275

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-192m



6

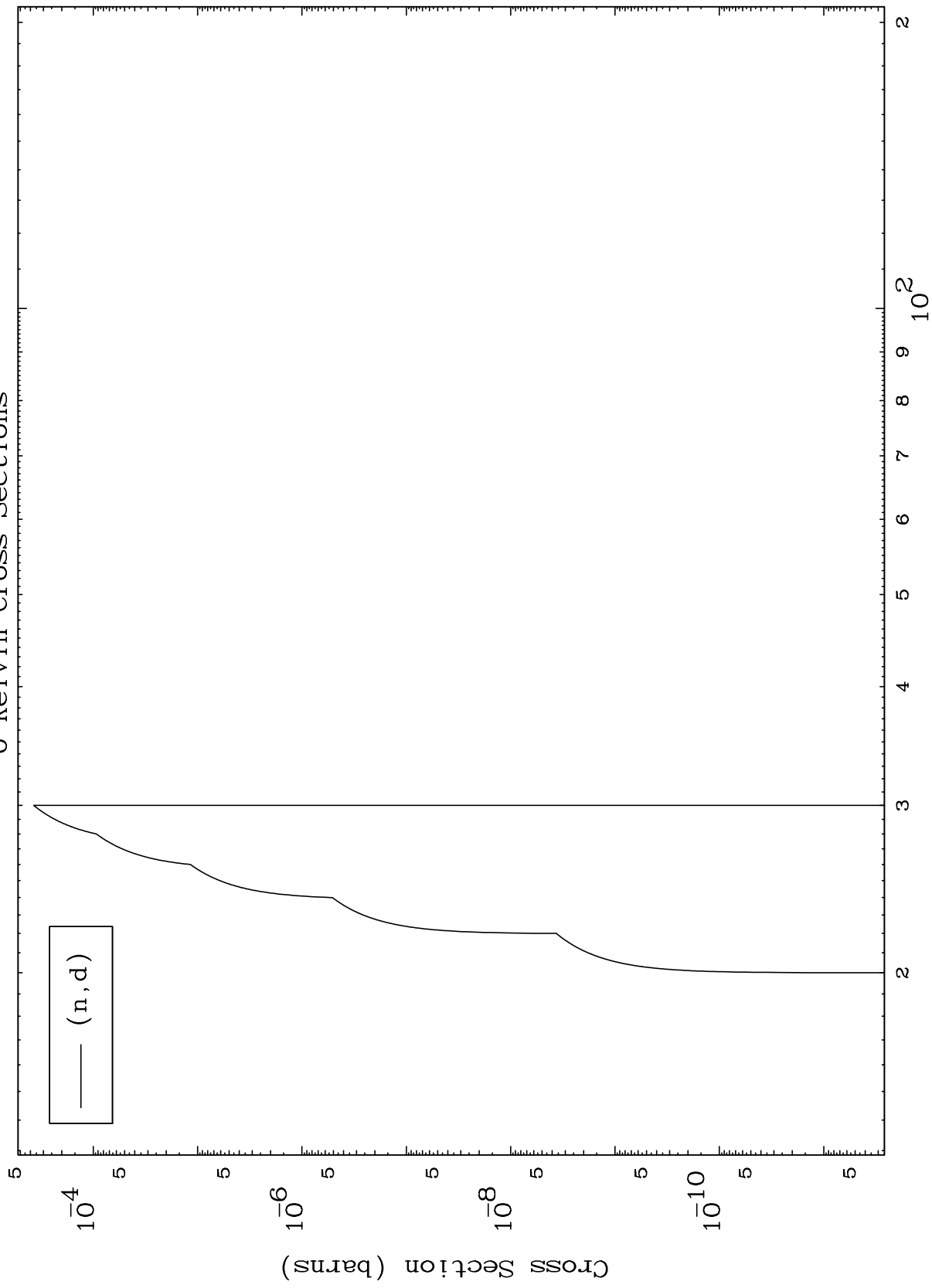
Incident Energy (MeV)

83-Bi-192m

MAT 8275

83-Bi-192m

(α, d) Levels
0 Kelvin Cross Sections



83-Bi-192m

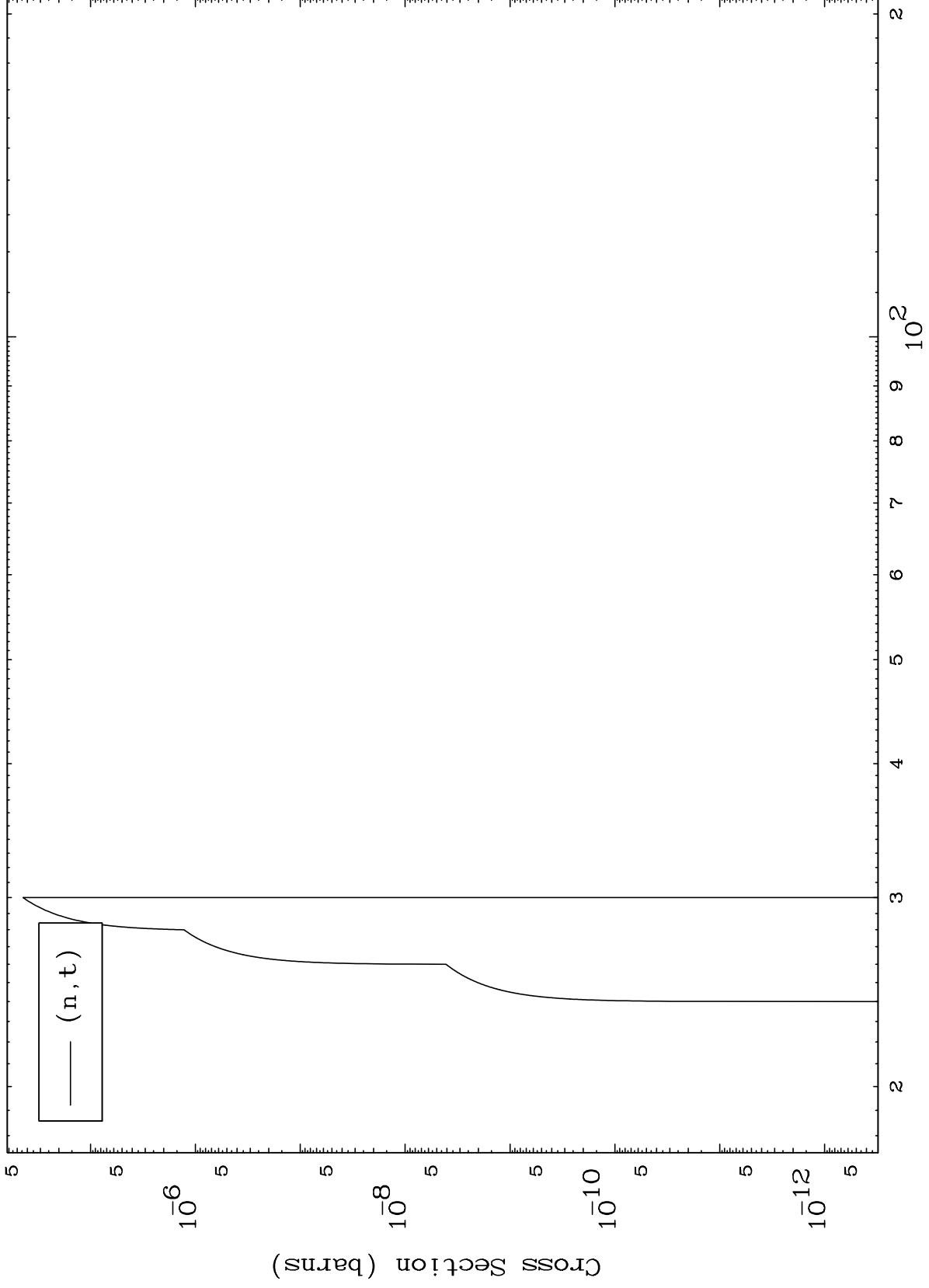
Incident Energy (MeV)

7

MAT 8275

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-192m



8

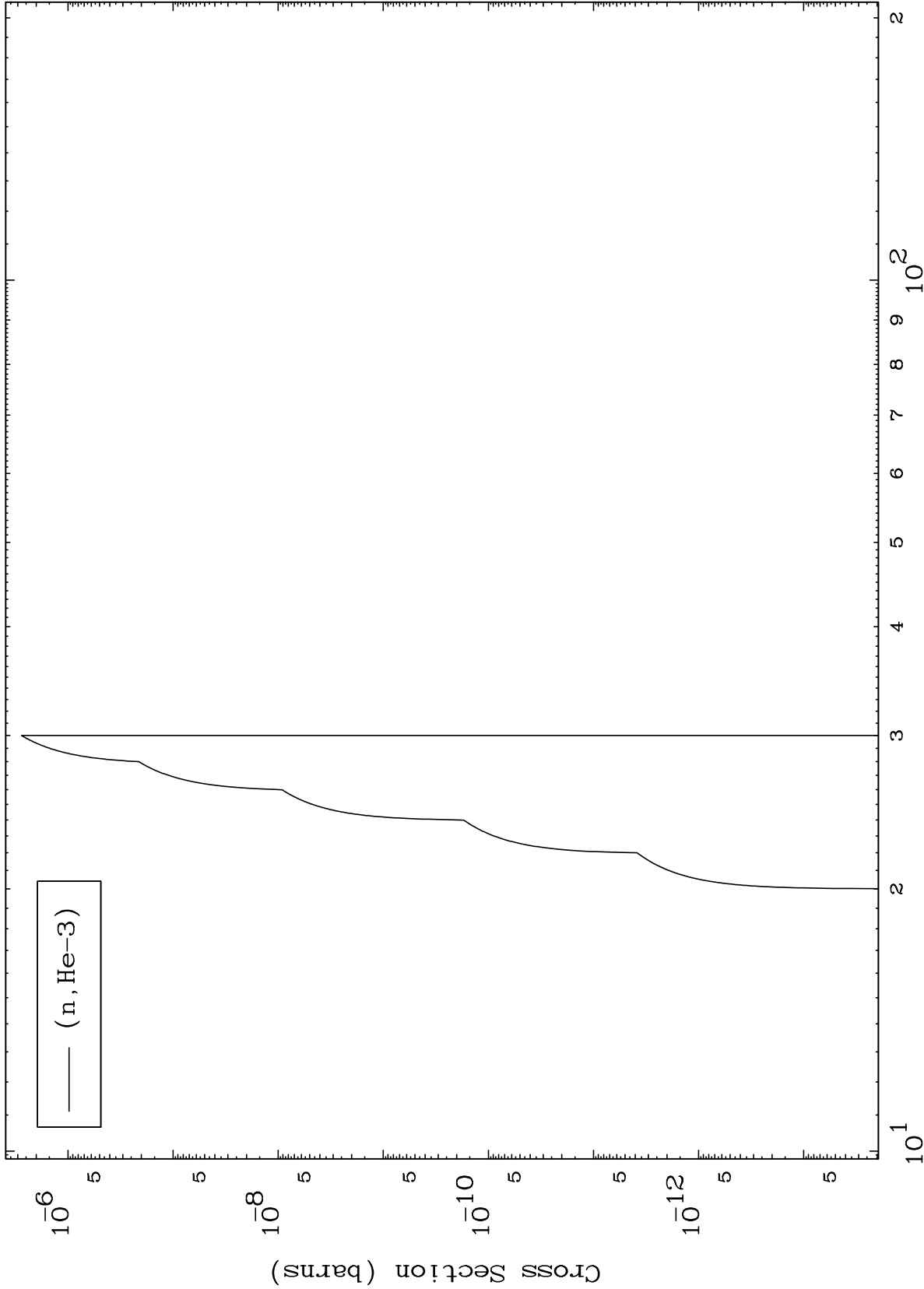
Incident Energy (MeV)

83-Bi-192m

MAT 8275

(α , He3) Levels
0 Kelvin Cross Sections

83-Bi-192m



Incident Energy (MeV)

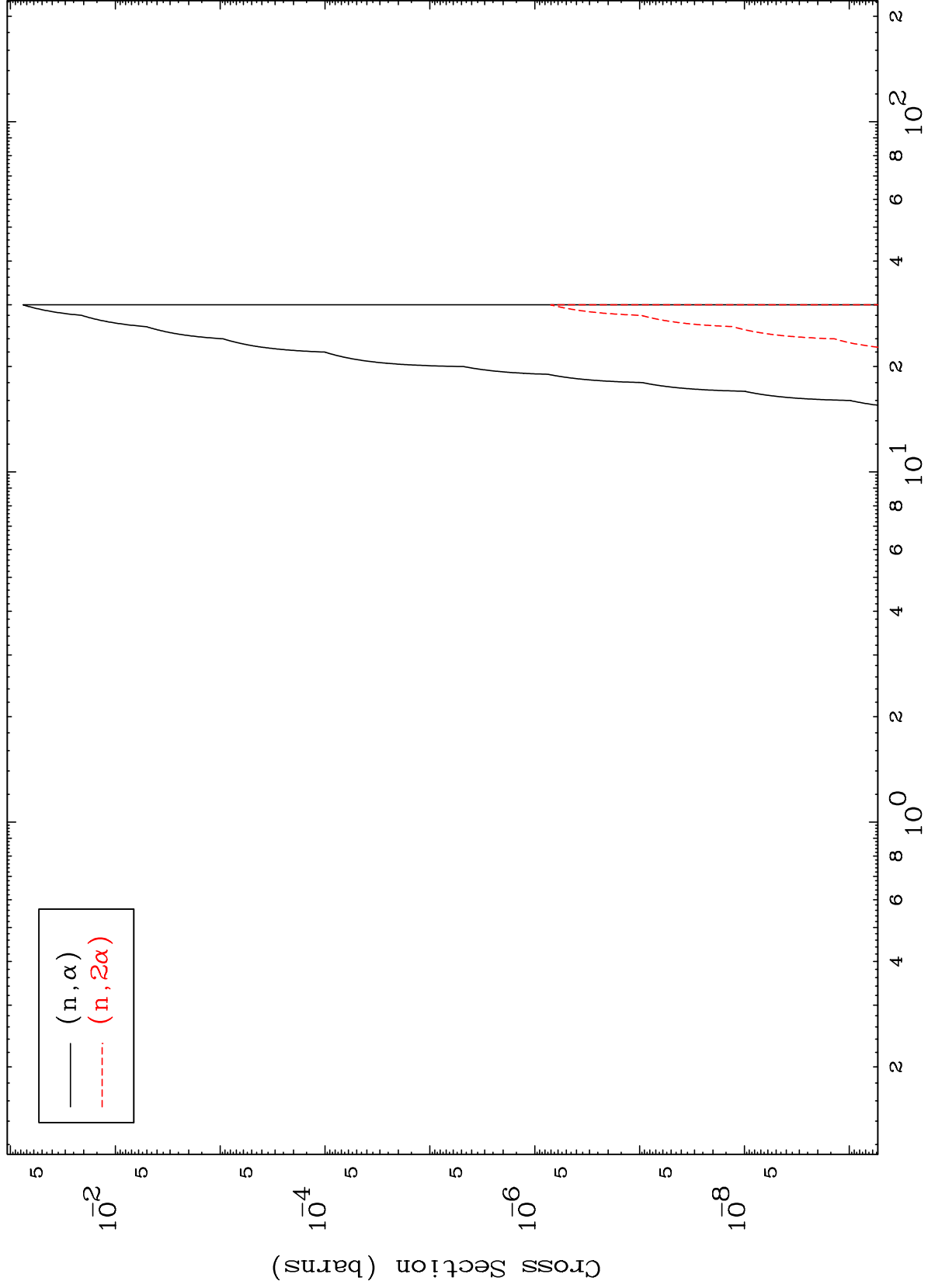
83-Bi-192m

MAT 8275

(α, α) Levels

83-Bi-192m

0 Kelvin Cross Sections



10

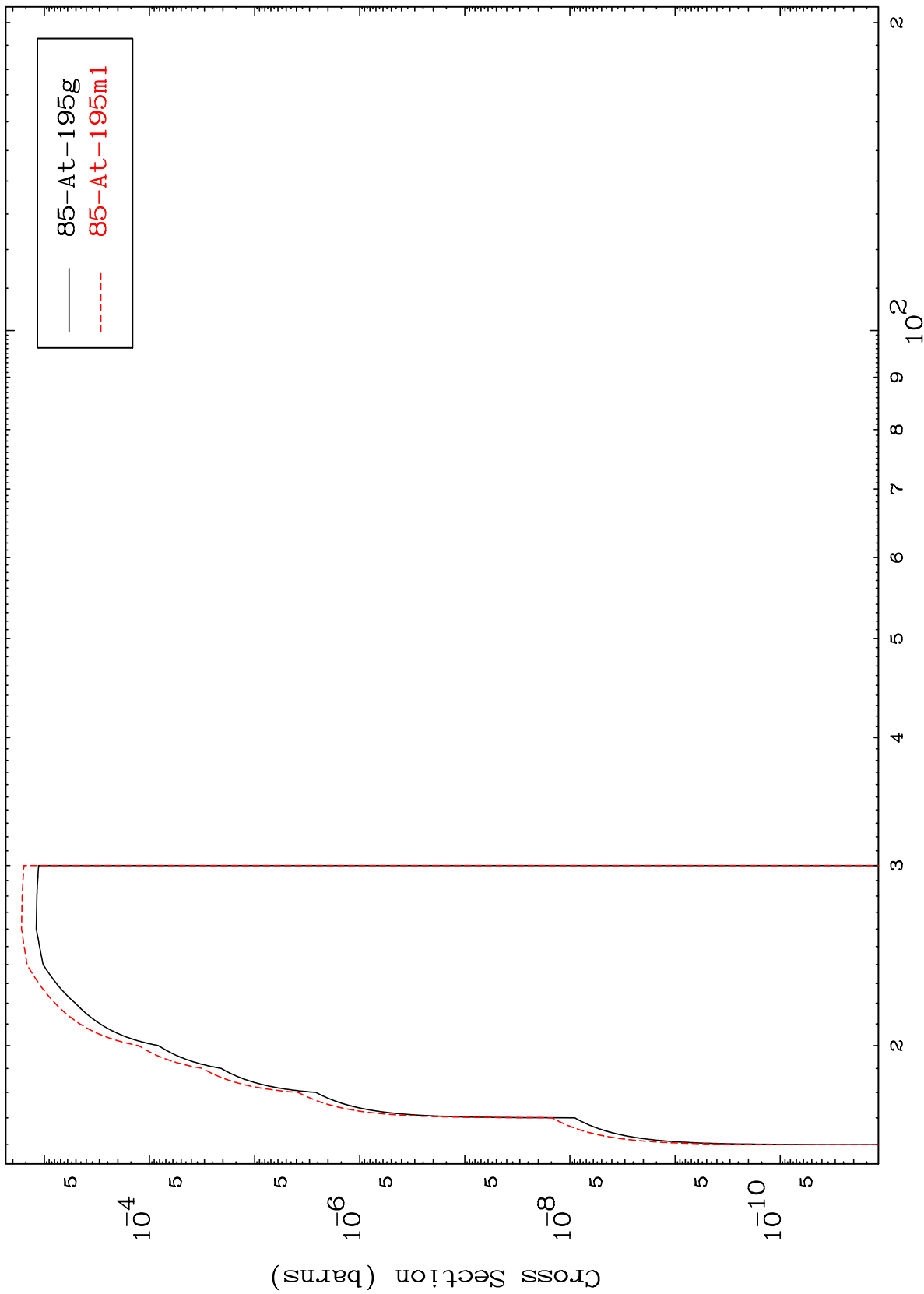
Incident Energy (MeV)

83-Bi-192m

MAT 8275

83-Bi-192m

Inelastic
Radionuclide Production Cross Section

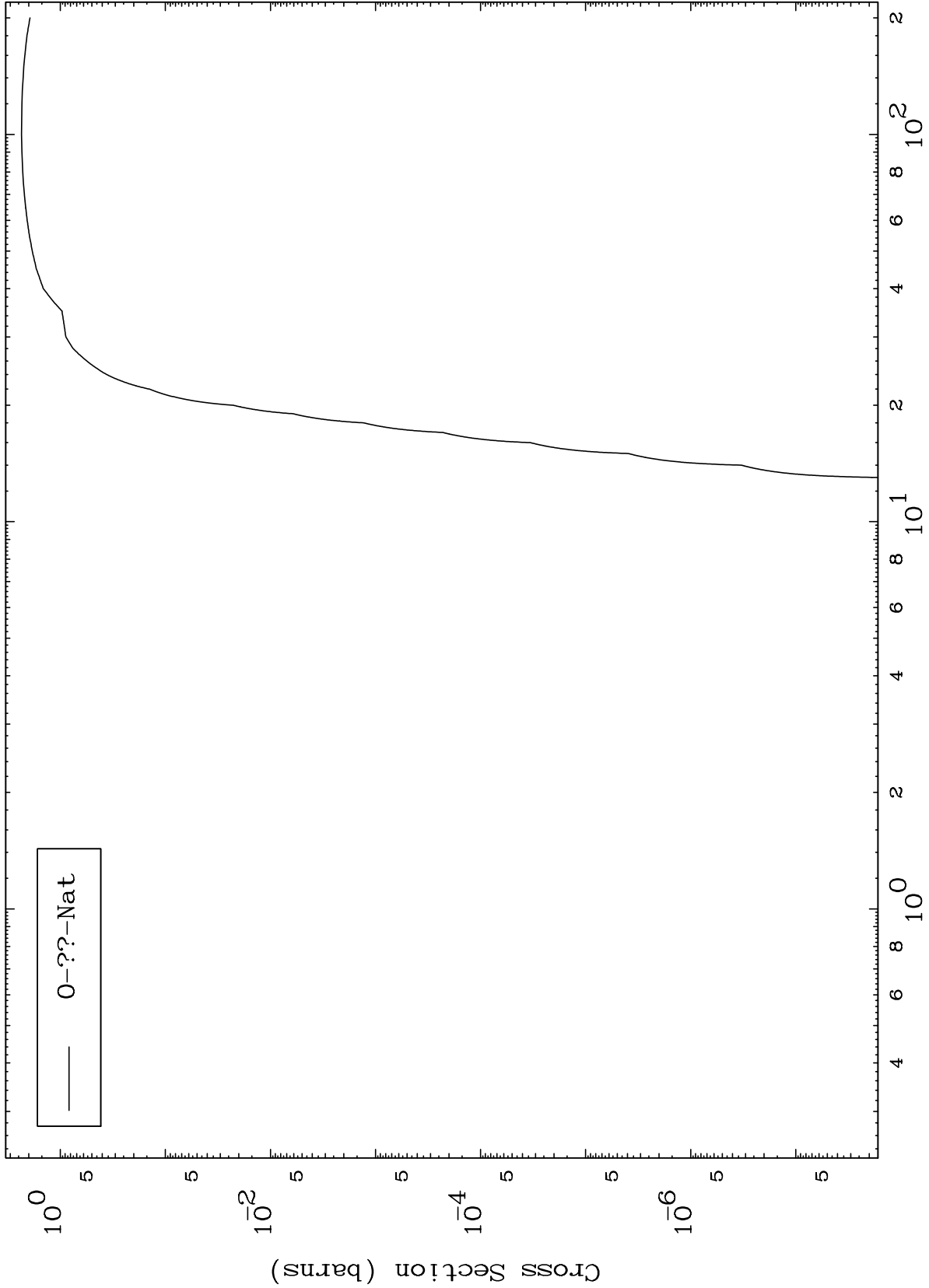


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Fission

83-Bi-192m

Radionuclide Production Cross Section

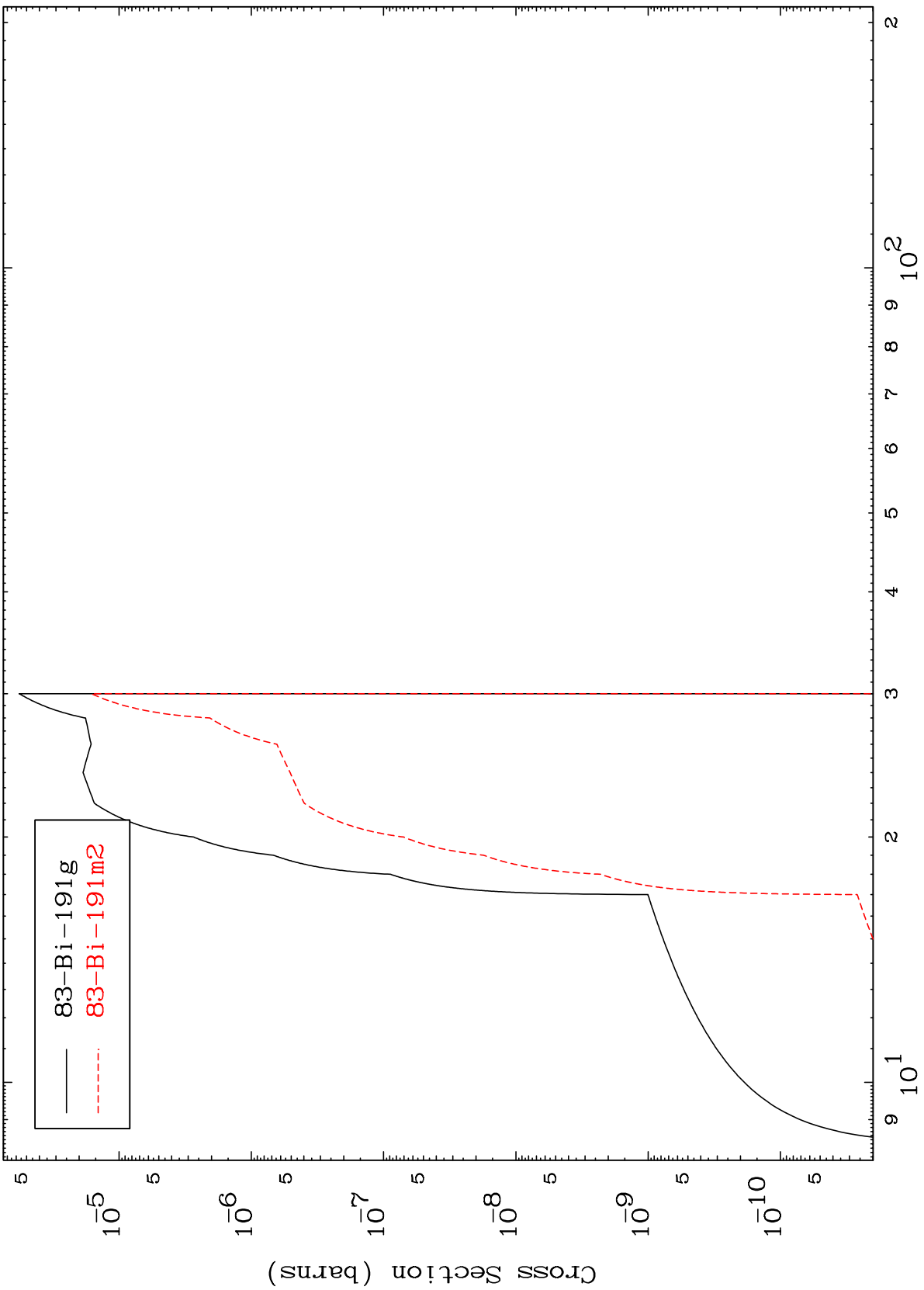


MAT 8275

$(n, n') \alpha$

$^{83}\text{Bi}-192\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

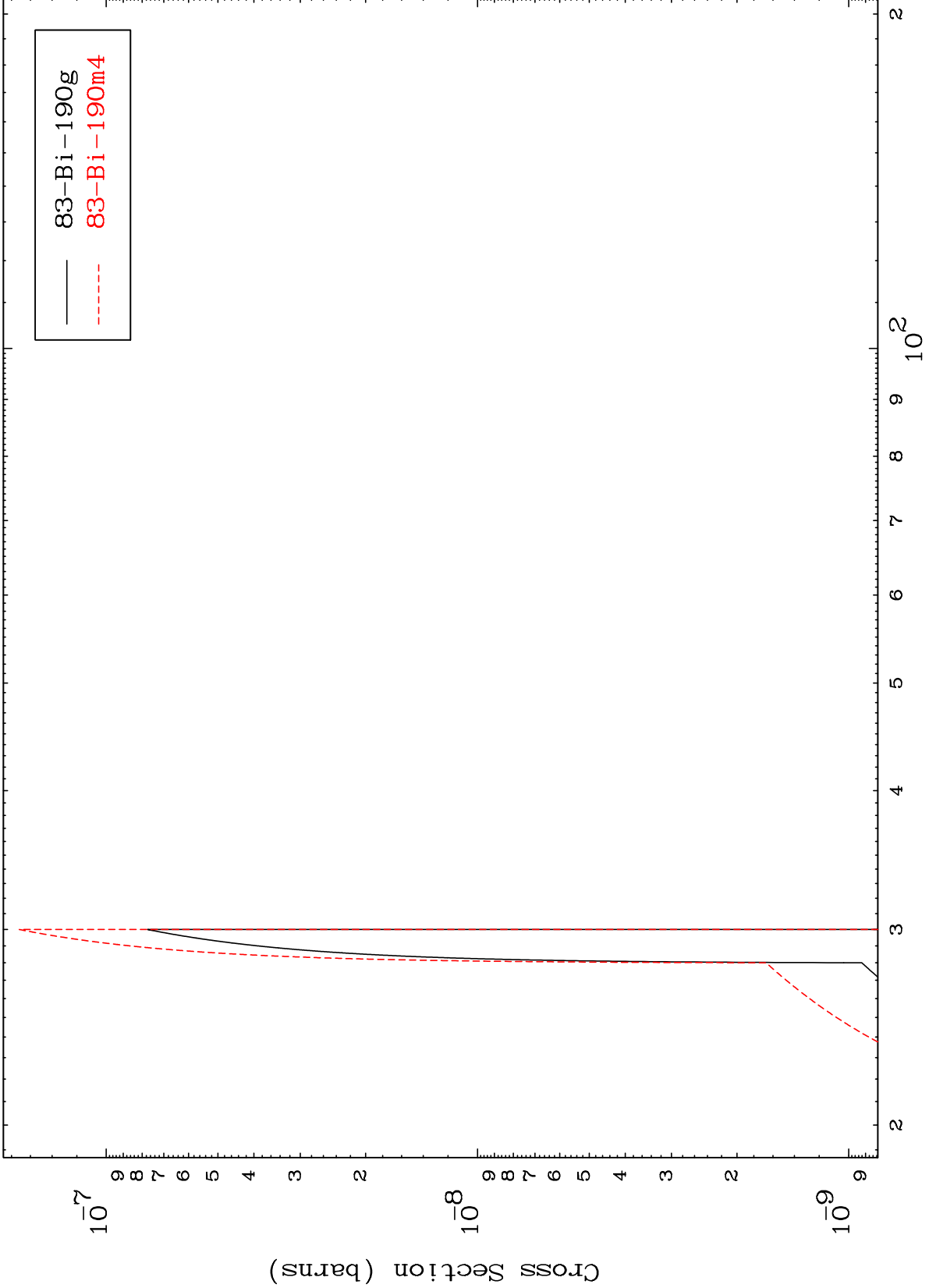
$^{83}\text{Bi}-192\text{m}$

MAT 8275

83-Bi-192m

(n,2n) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

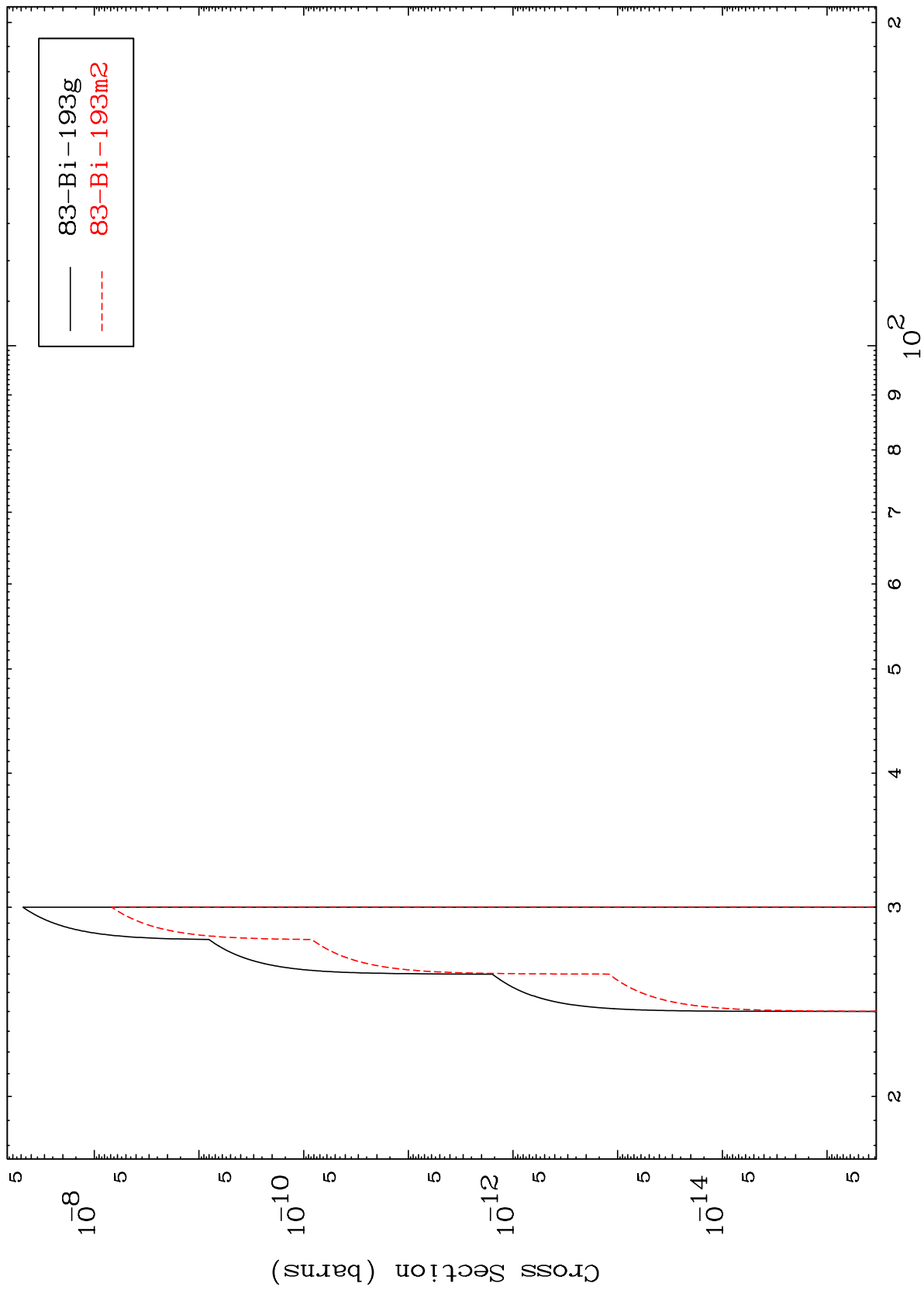
83-Bi-192m

MAT 8275

$(n,2n)$ p

83-Bi-192m

Radionuclide Production Cross Section



15

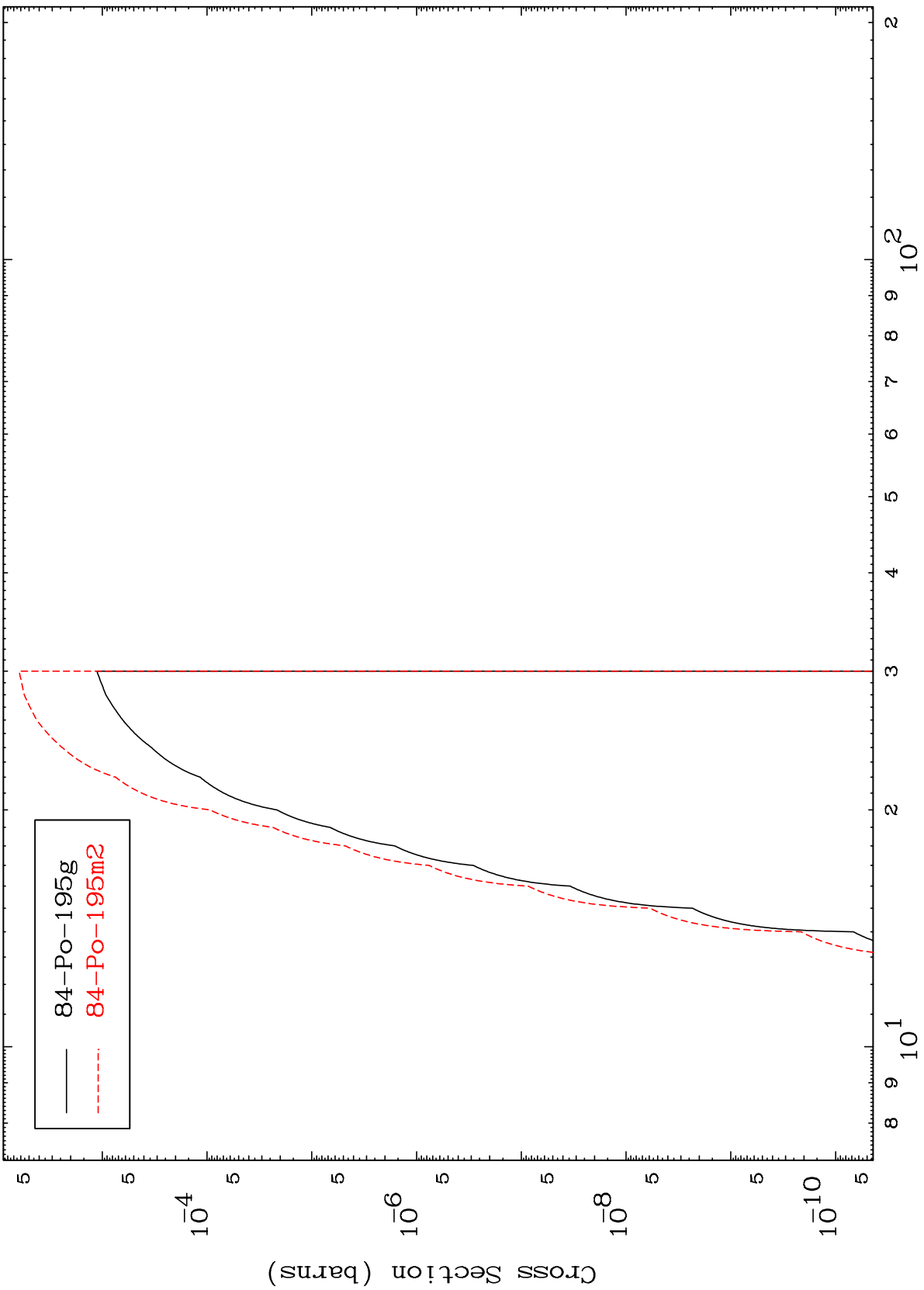
Incident Energy (MeV)

83-Bi-192m

MAT 8275

83-Bi-192m

(n,p)
Radionuclide Production Cross Section



84-Po-195g
84-Po-195m2

16

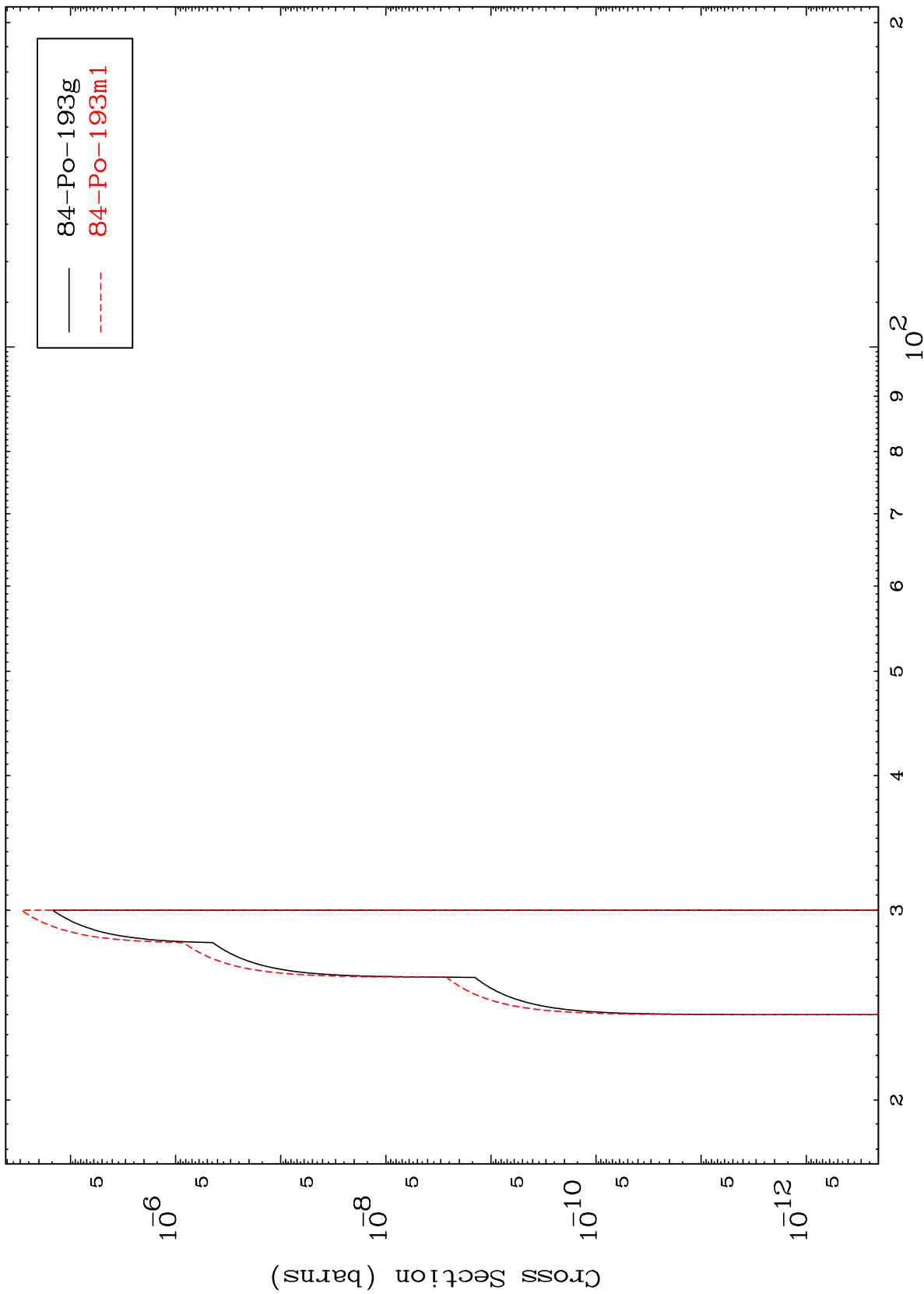
Incident Energy (MeV)

83-Bi-192m

MAT 8275

83-Bi-192m

(n,t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

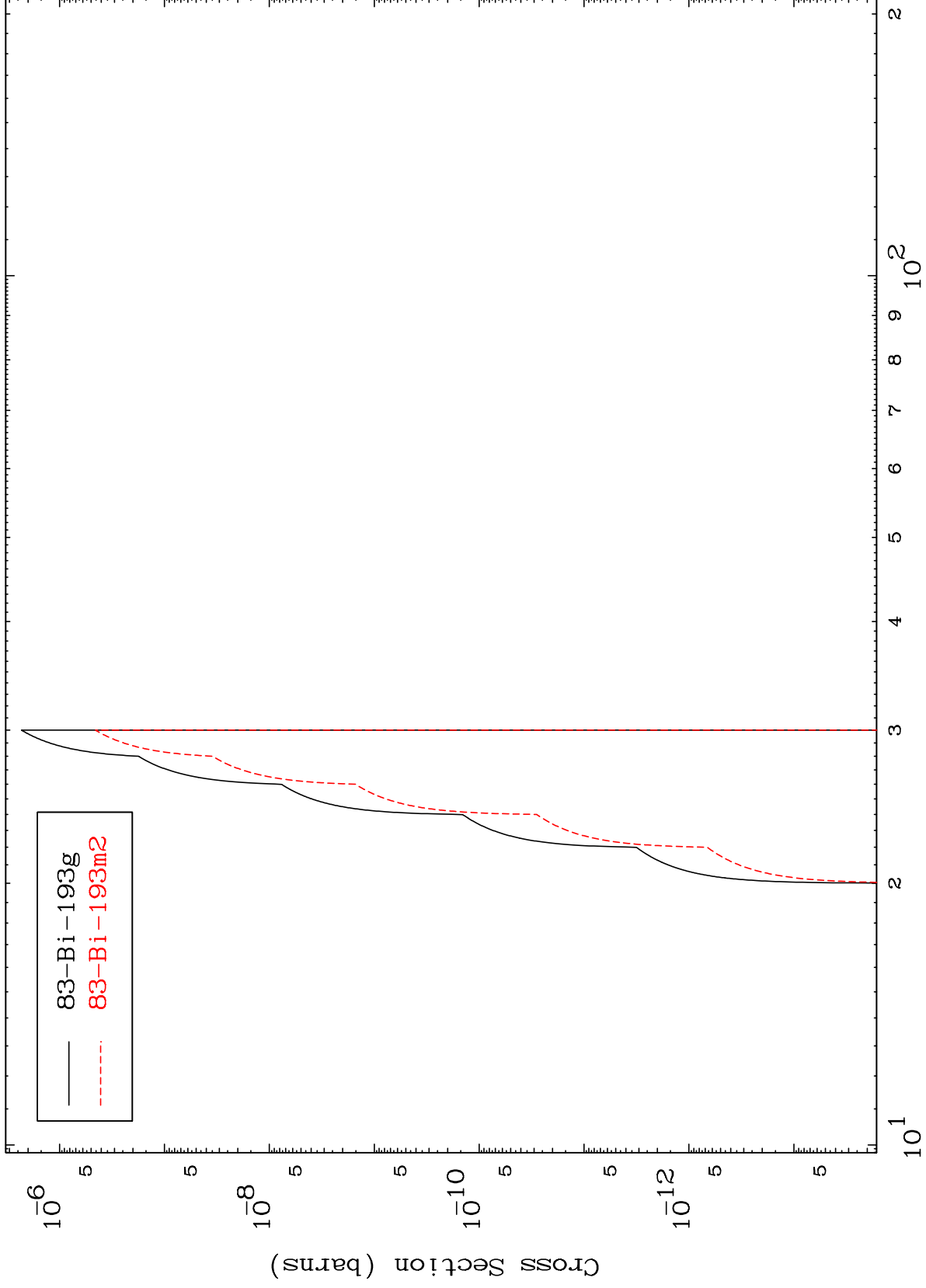
83-Bi-192m

MAT 8275

(n,He-3)

83-Bi-192m

Radionuclide Production Cross Section

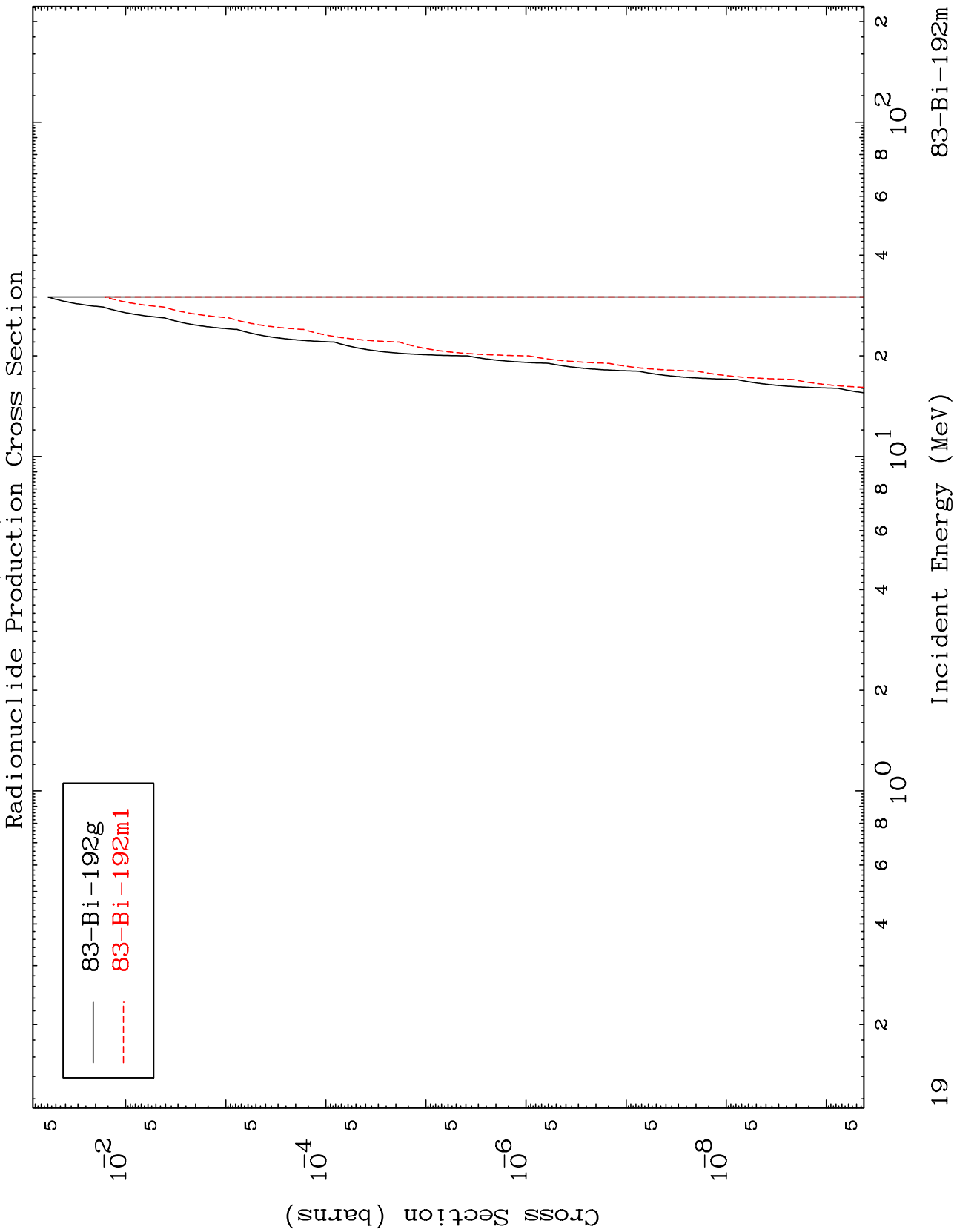


Incident Energy (MeV)

83-Bi-192m

MAT 8275

⁸³Bi-192m



⁸³Bi-192m

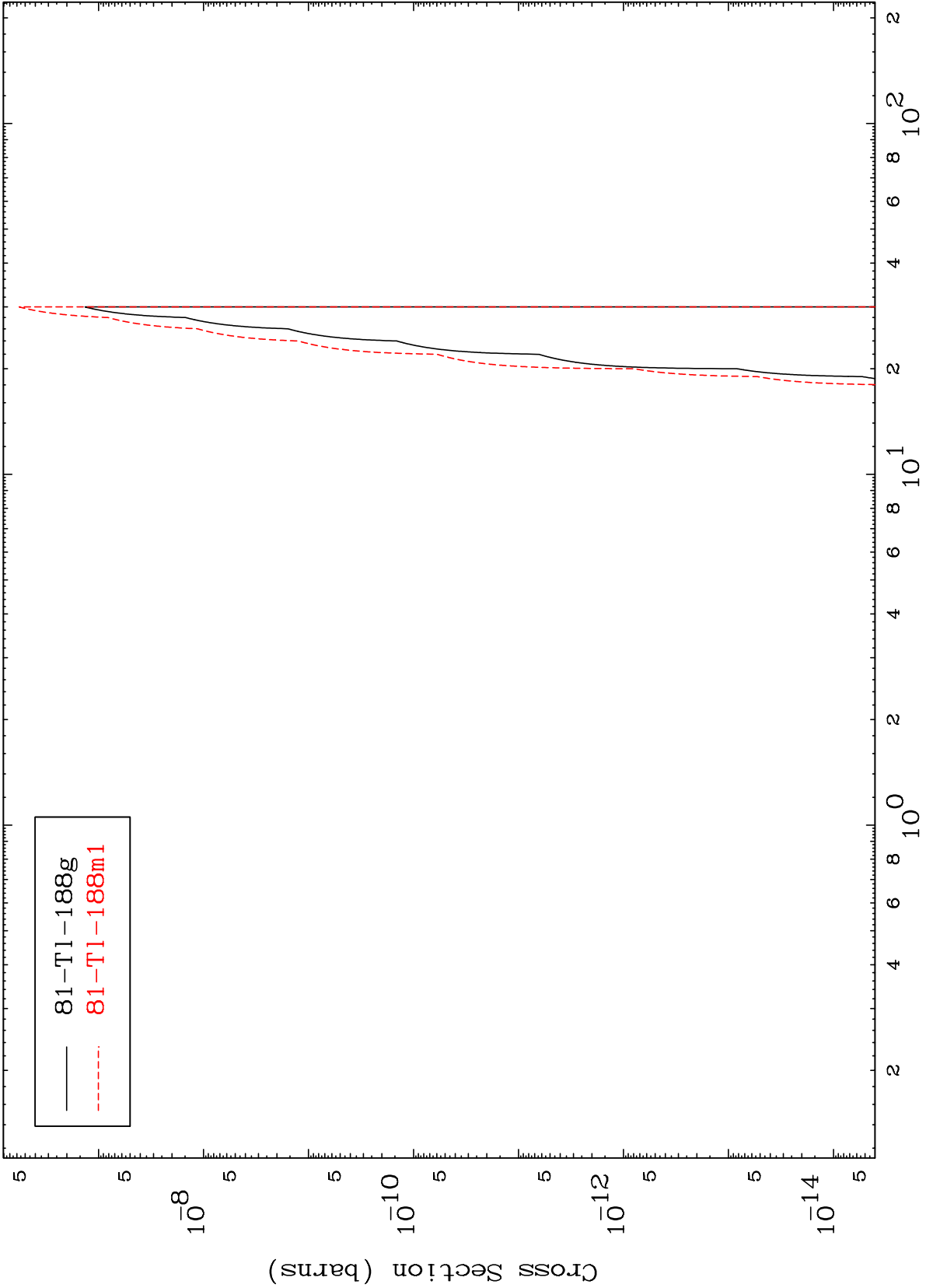
Incident Energy (MeV)

MAT 8275

(n,2α)

83-Bi-192m

Radionuclide Production Cross Section

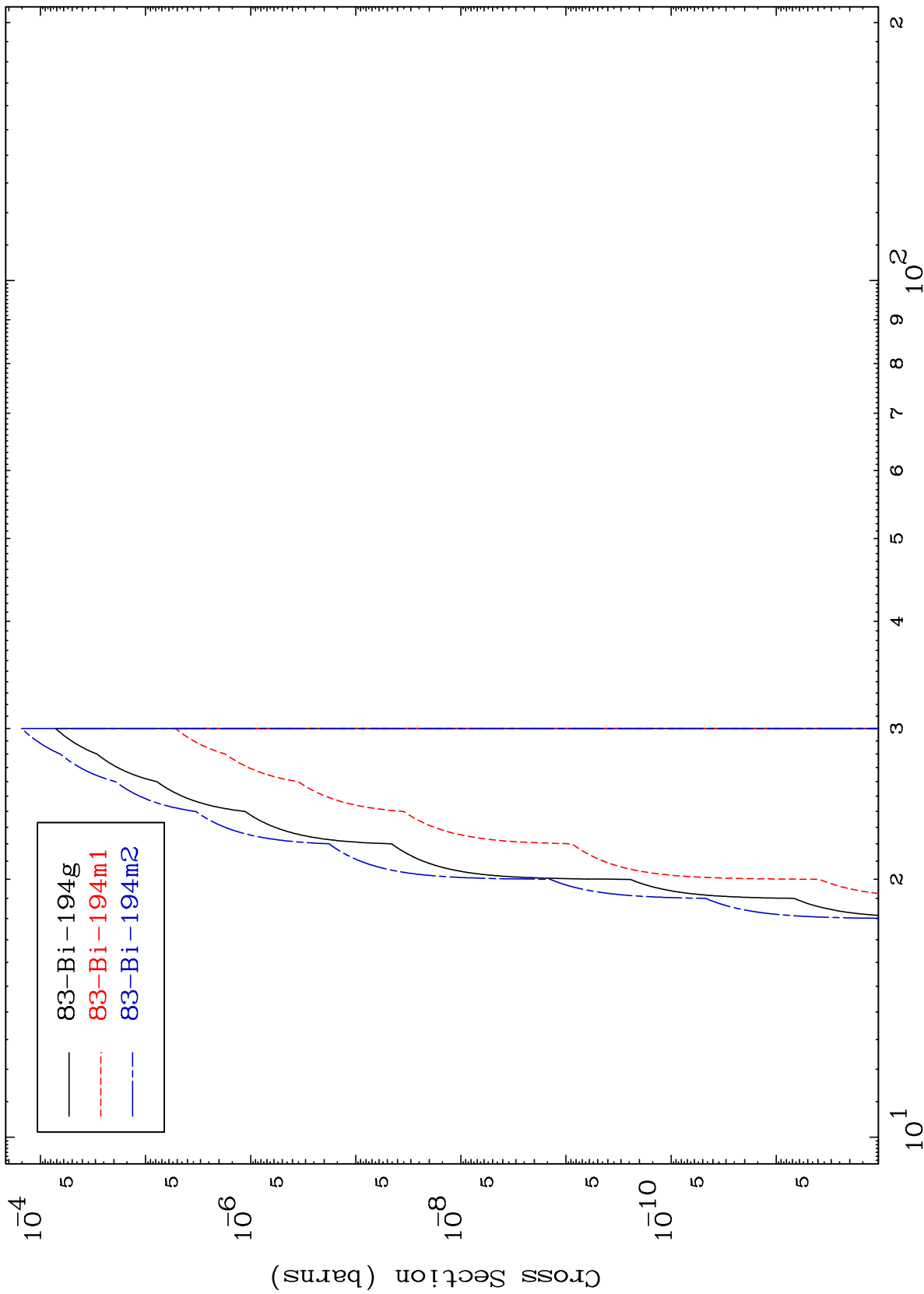


81-Tl-188g
81-Tl-188m1

MAT 8275

$^{83}\text{Bi}-192\text{m}$

(n,2p)
Radionuclide Production Cross Section



$^{83}\text{Bi}-192\text{m}$

Incident Energy (MeV)

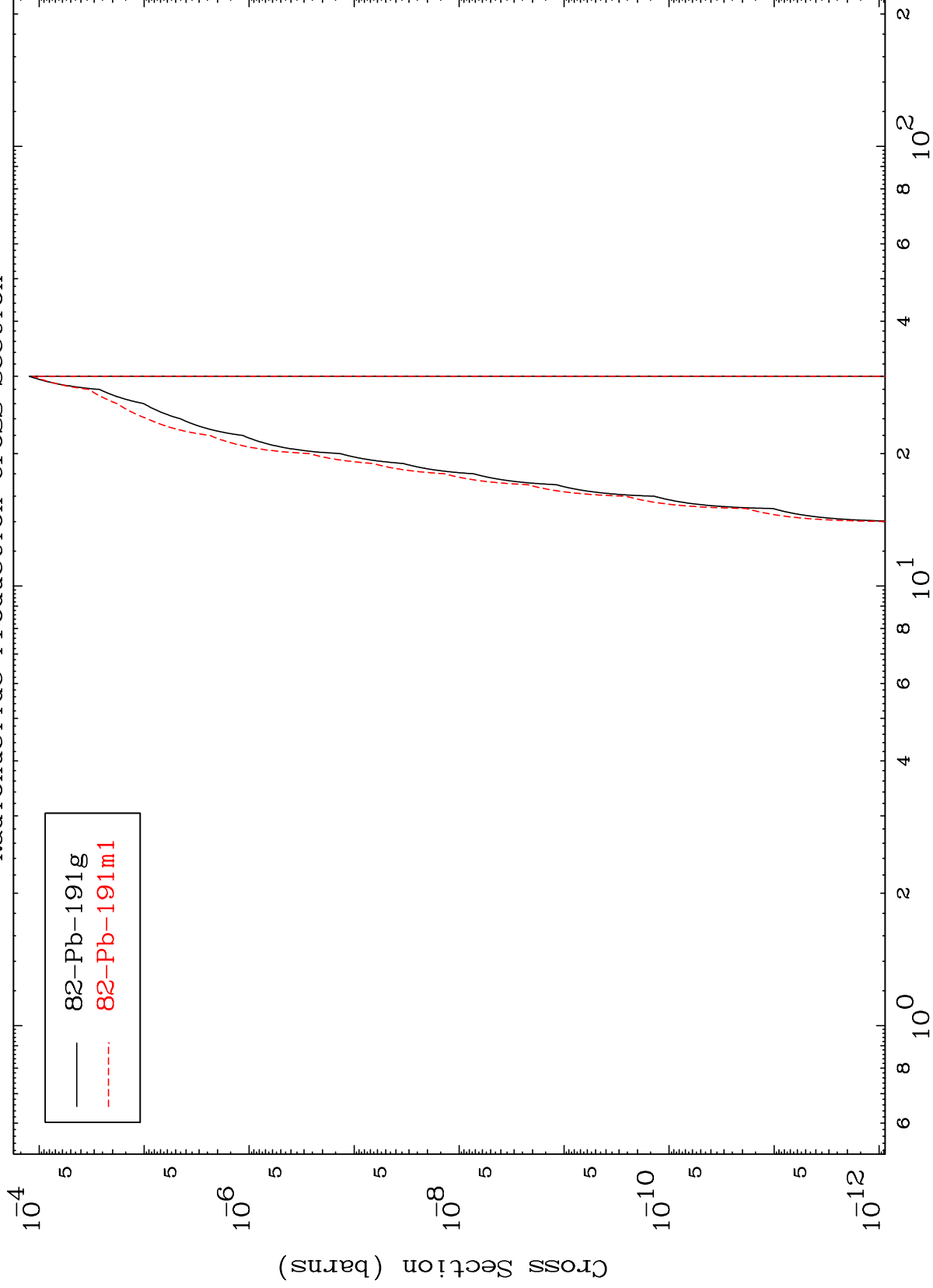
21

MAT 8275

(n,p) α

83-Bi-192m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

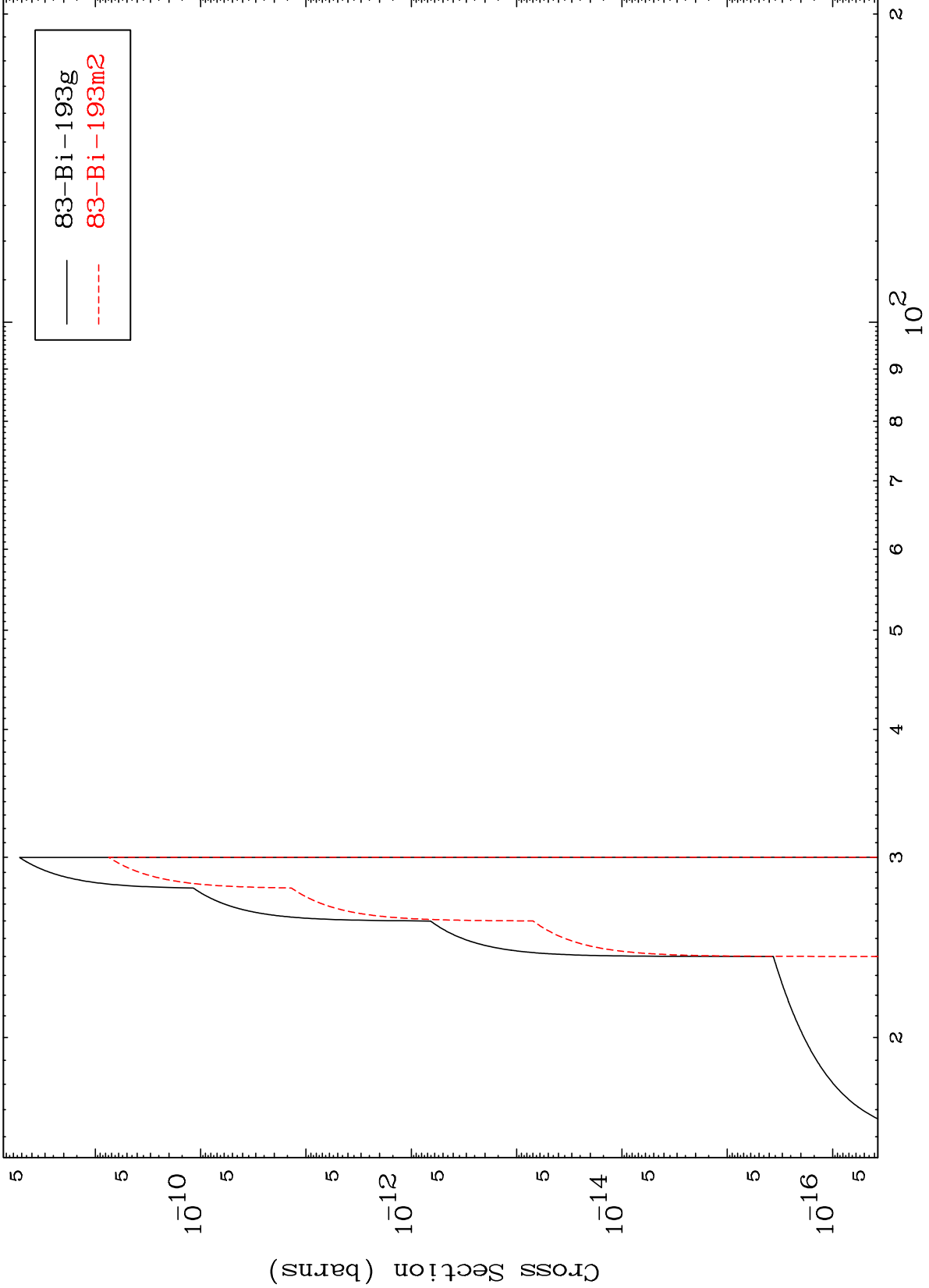
83-Bi-192m

MAT 8275

(n,p) d

83-Bi-192m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-192m