

Program EVALPLOT
(Version 2021-1)

by

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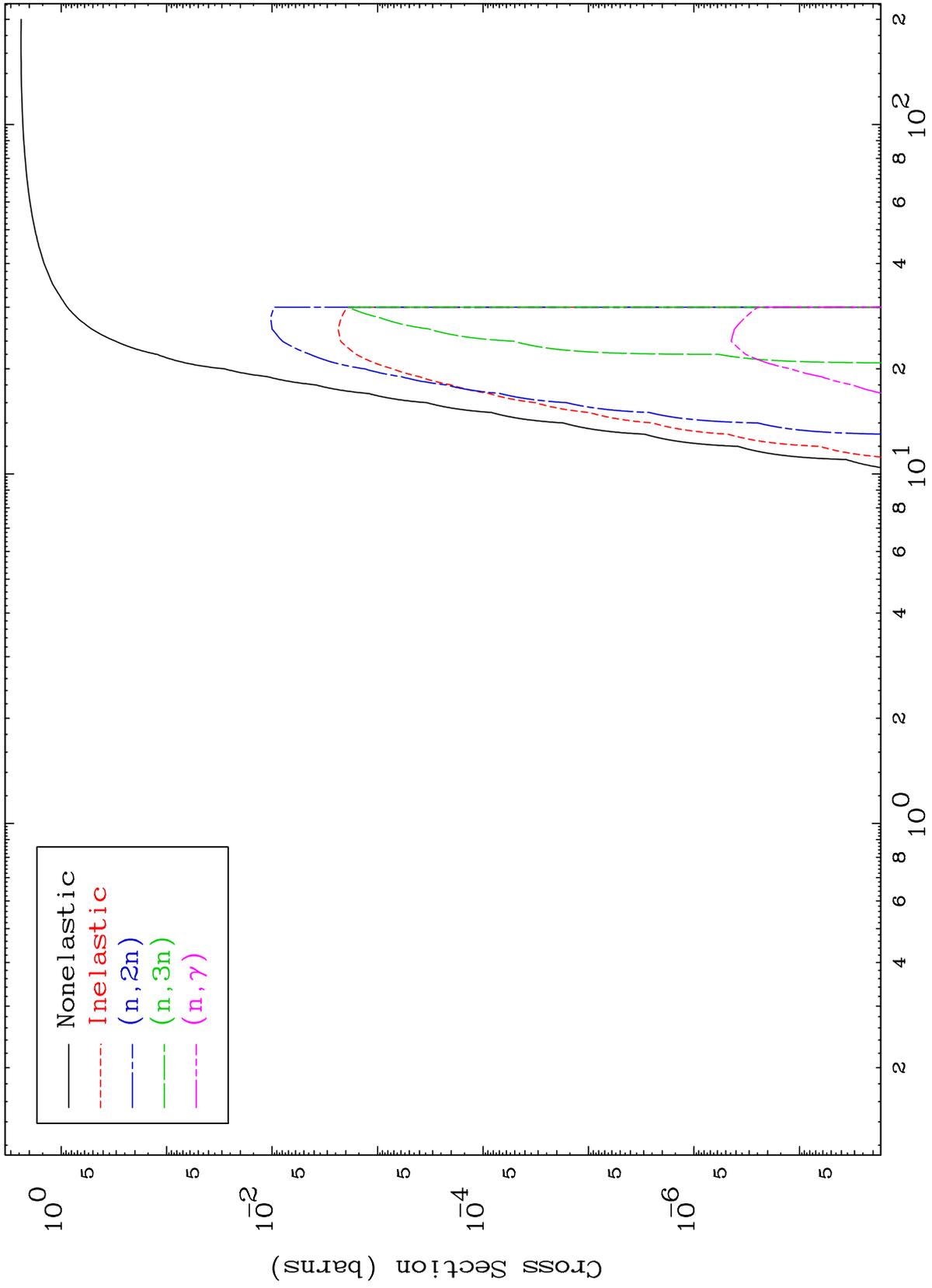
Press Mouse Button to Start

MAT 8299

He-3 Major

83-Bi-200m

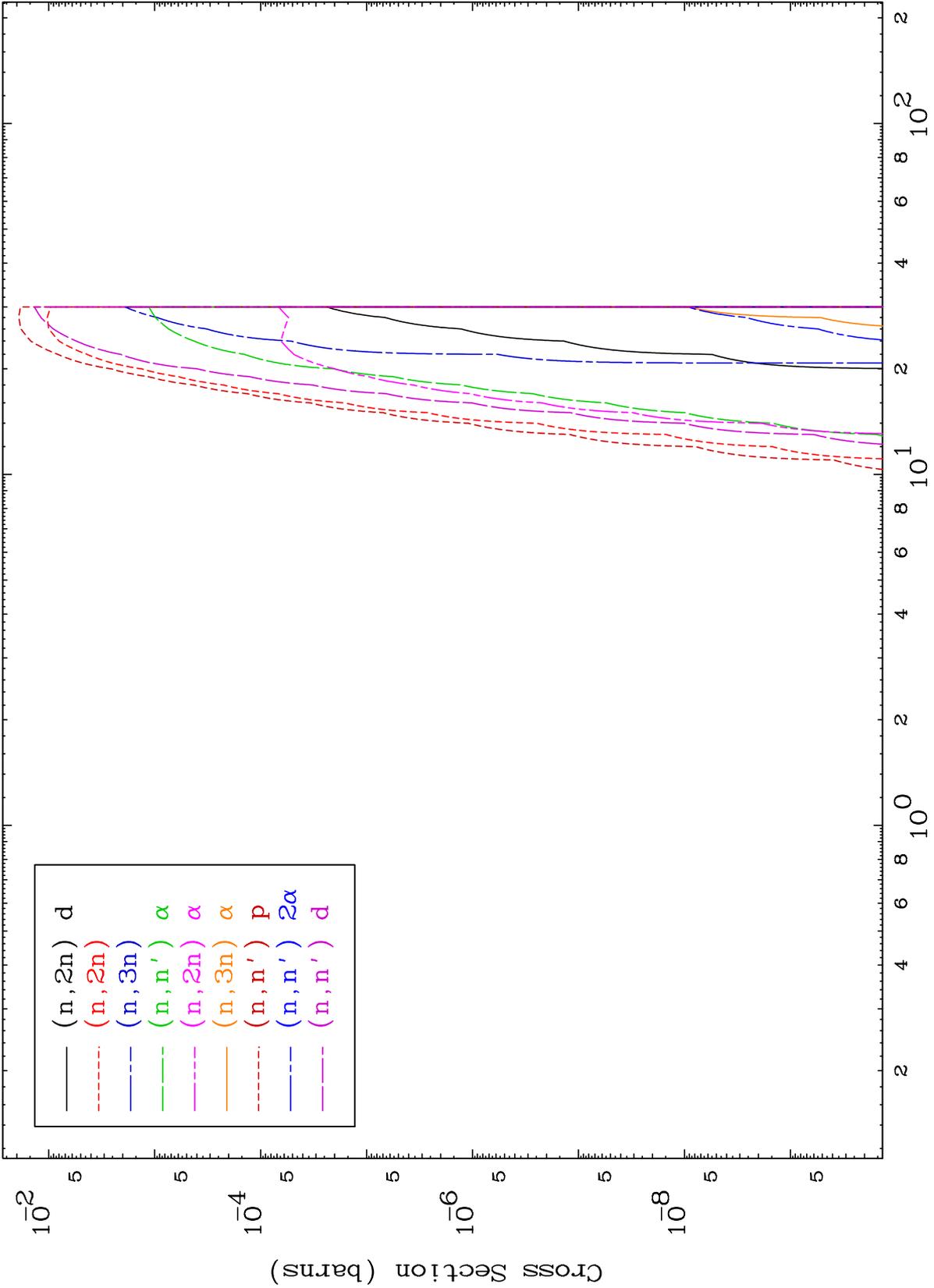
0 Kelvin Cross Sections



MAT 8299

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200m



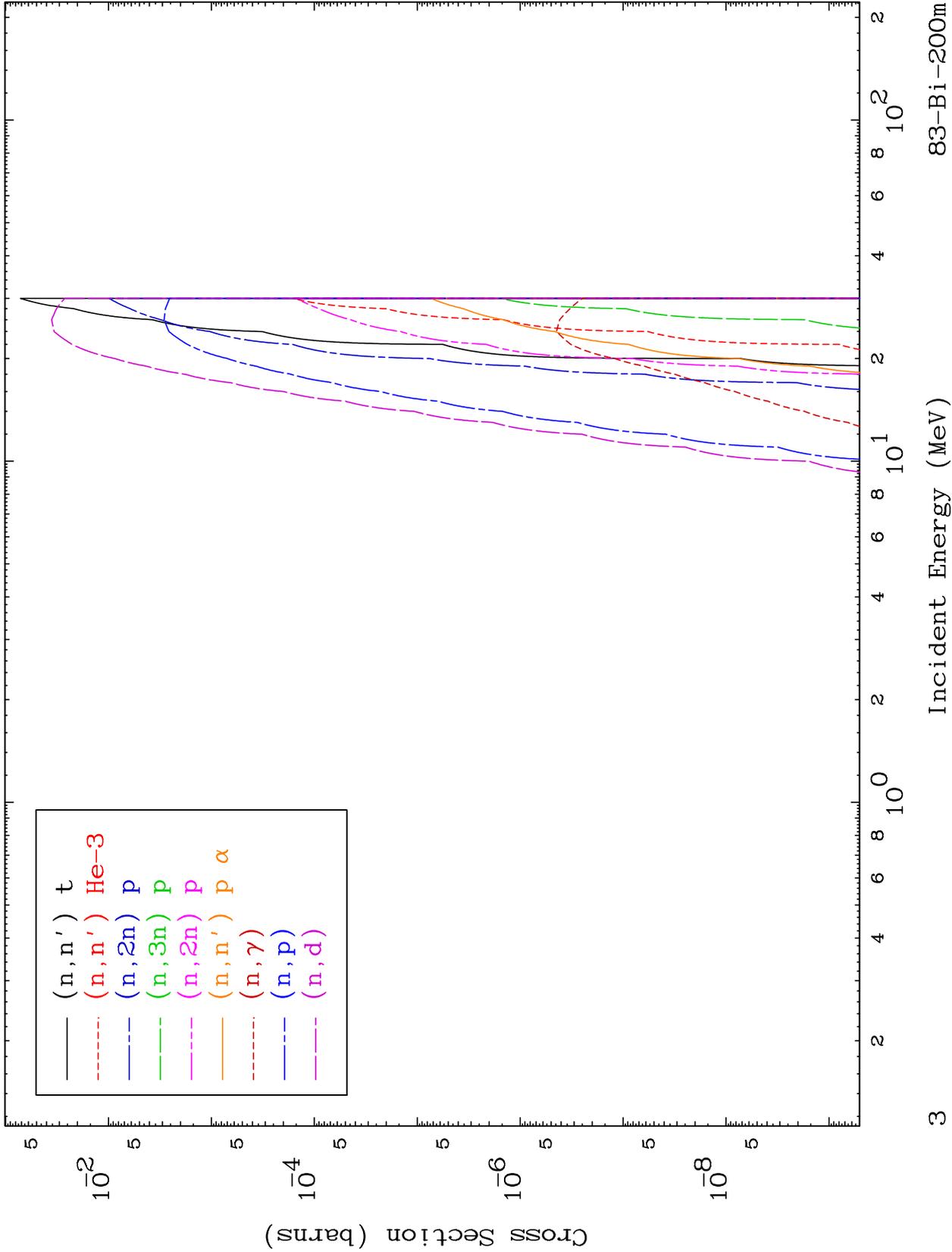
83-Bi-200m

Incident Energy (MeV)

MAT 8299

He-3 Neutron Absorption
0 Kelvin Cross Sections

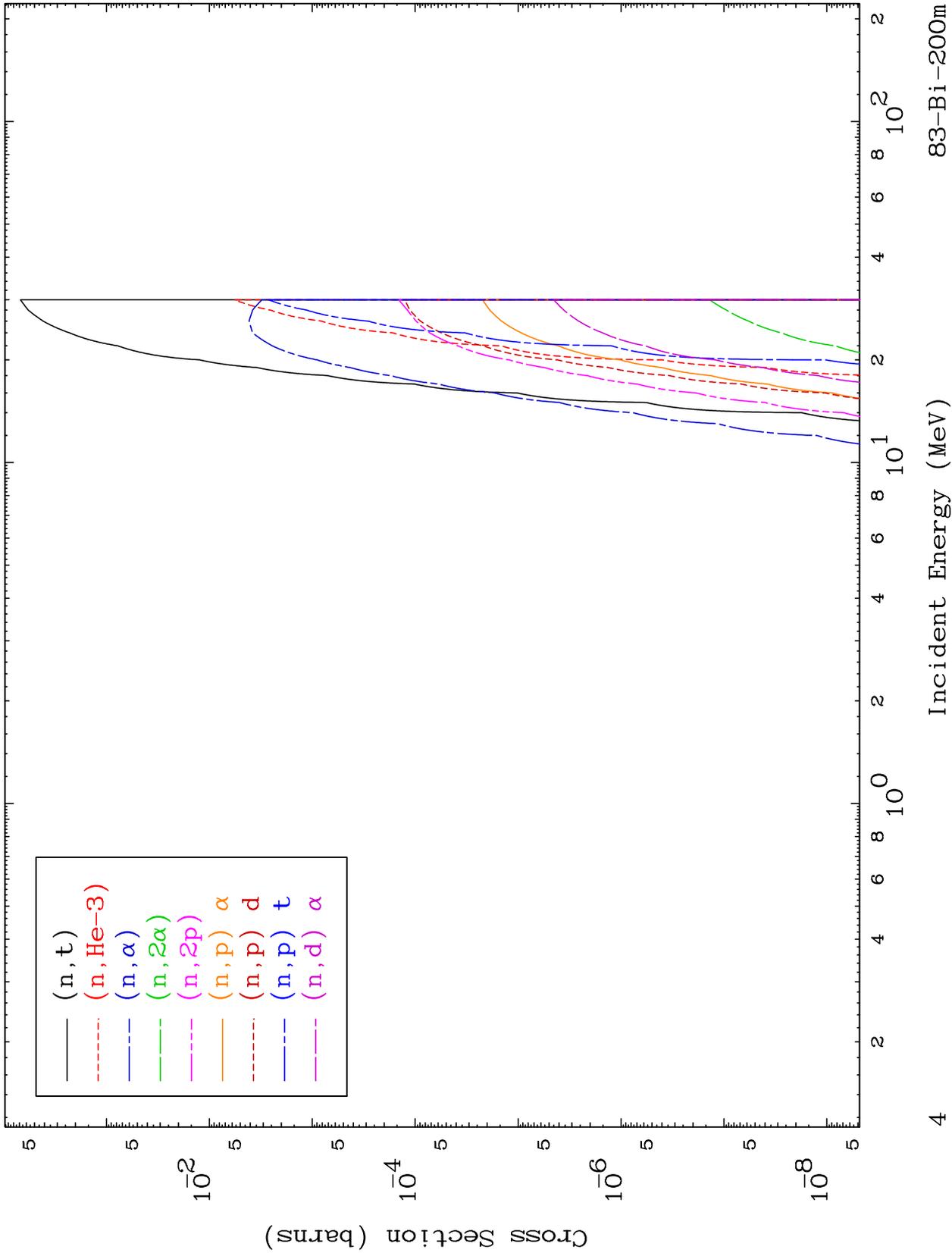
83-Bi-200m



MAT 8299

He-3 Neutron Absorption
0 Kelvin Cross Sections

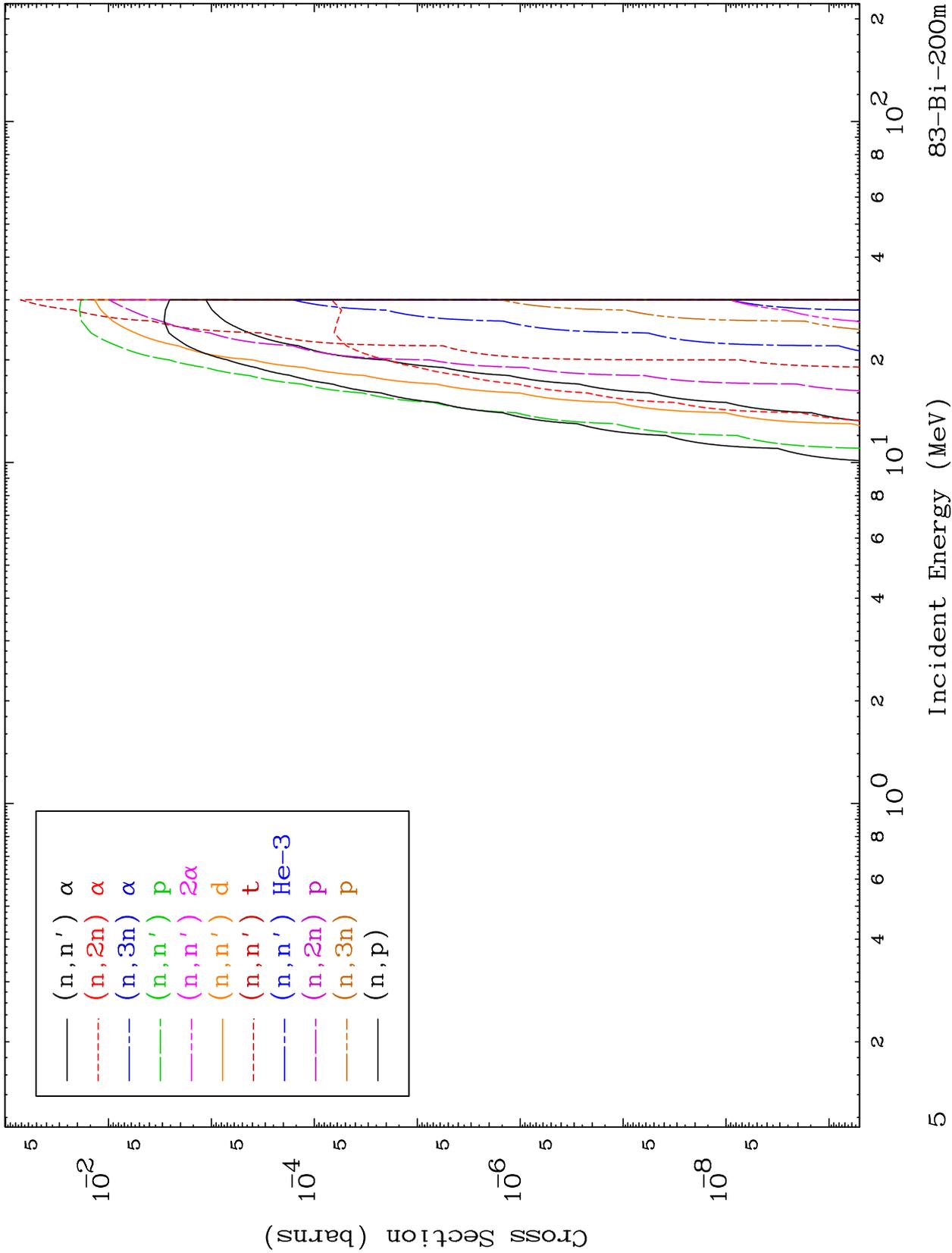
83-Bi-200m



MAT 8299

He-3 Charged Particle
0 Kelvin Cross Sections

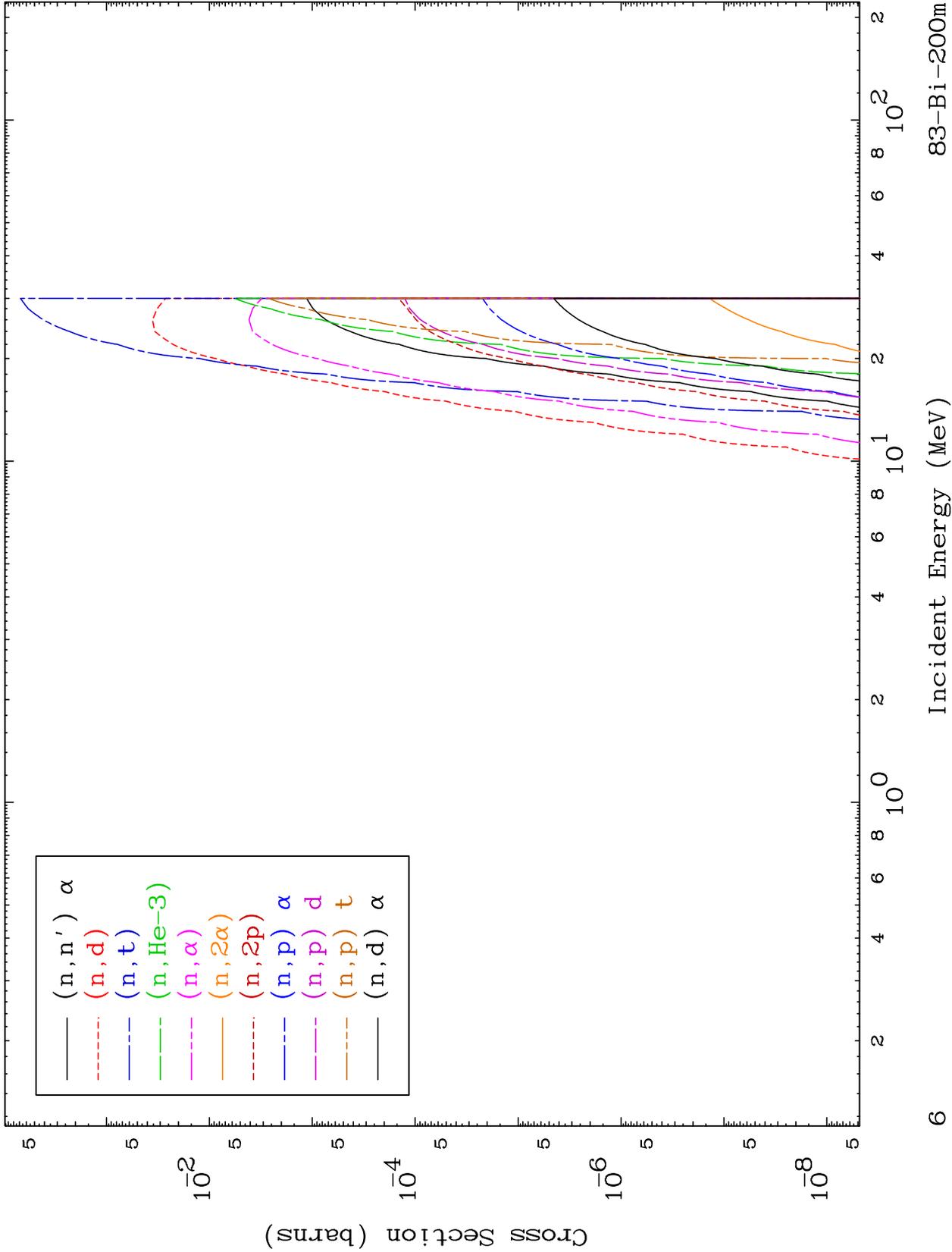
83-Bi-200m



MAT 8299

He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-200m

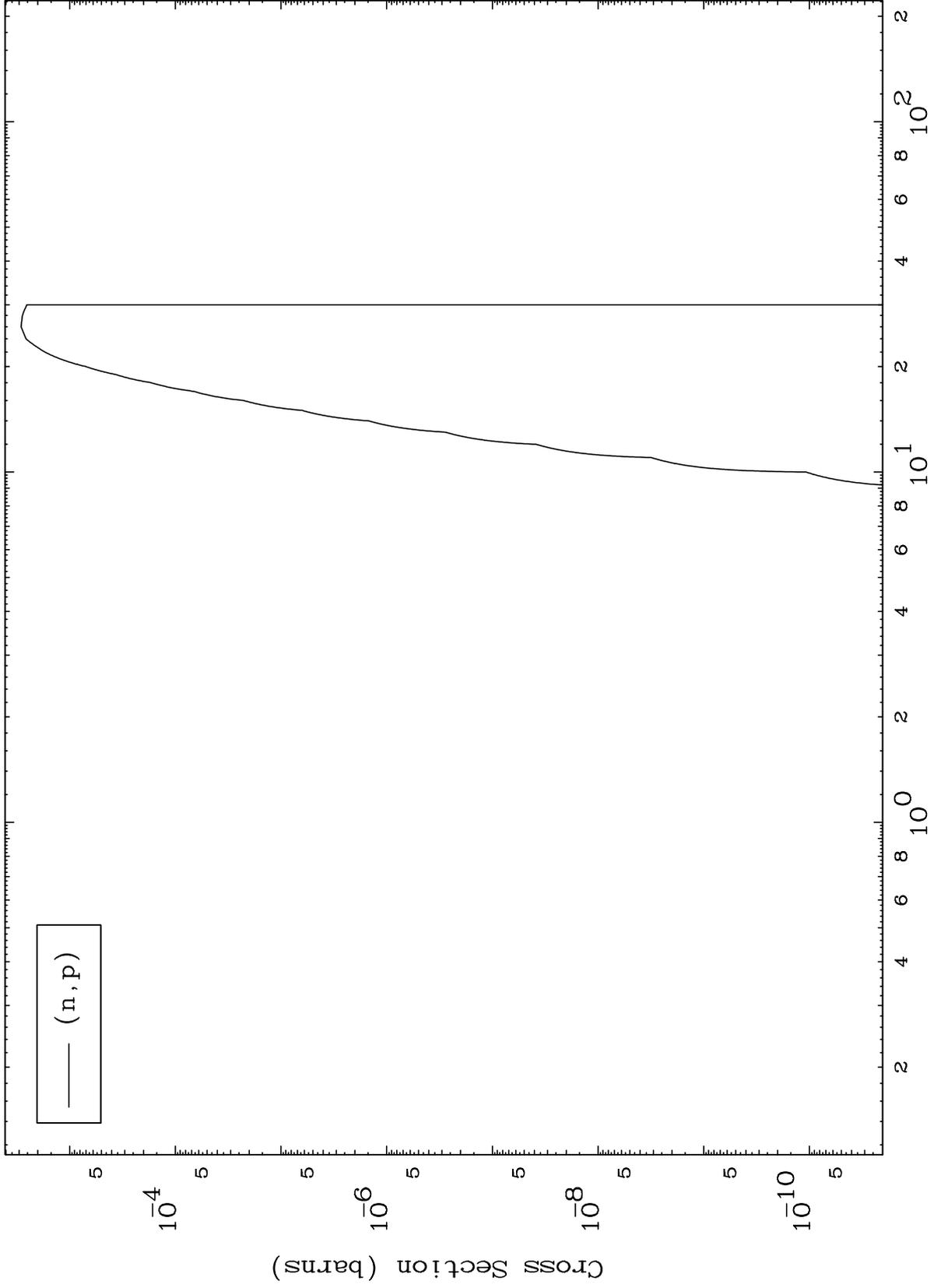


MAT 8299

(He-3,p) Levels

83-Bi-200m

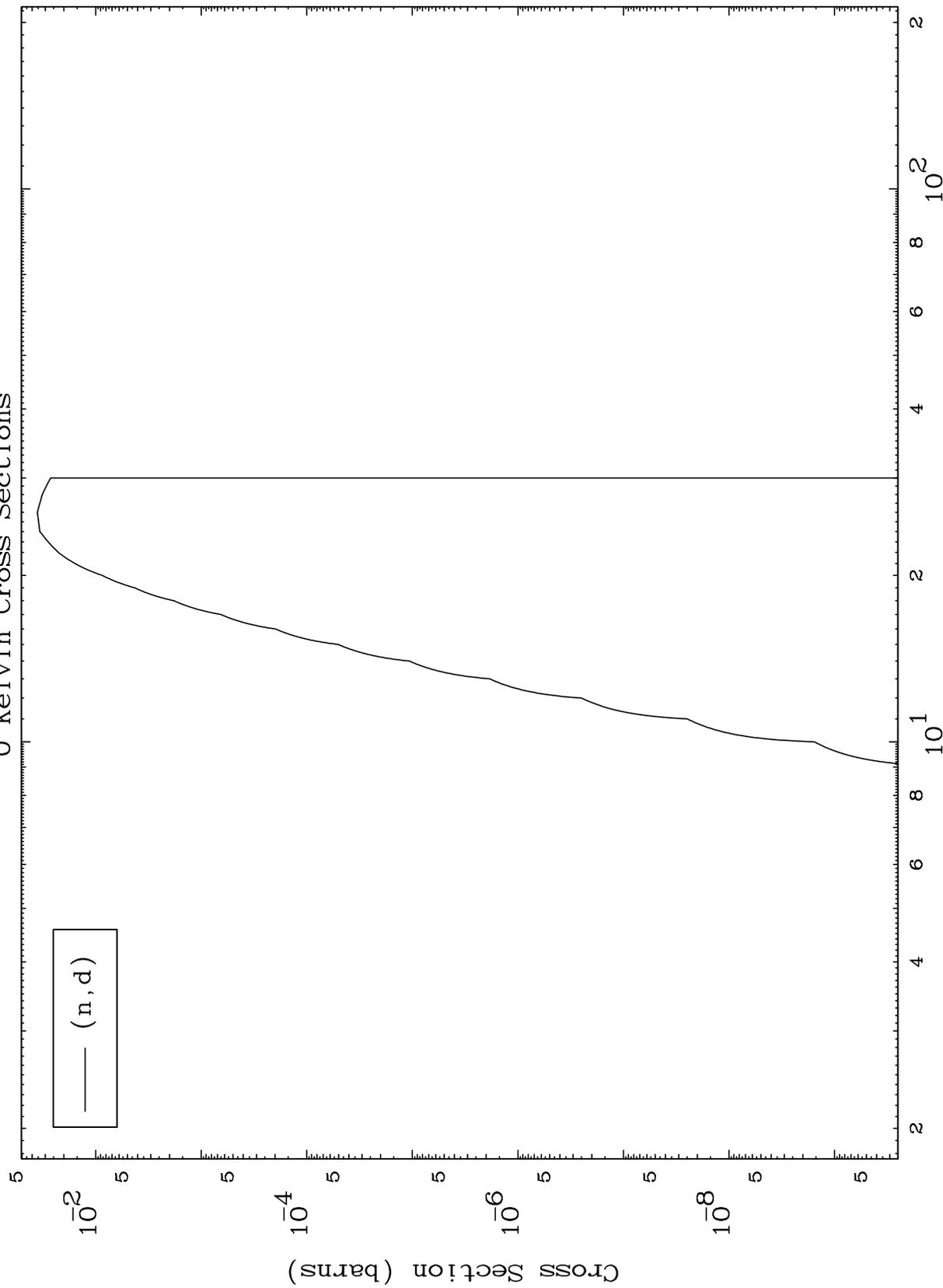
0 Kelvin Cross Sections



MAT 8299

⁸³Bi-200m

(He-3,d) Levels
0 Kelvin Cross Sections



8

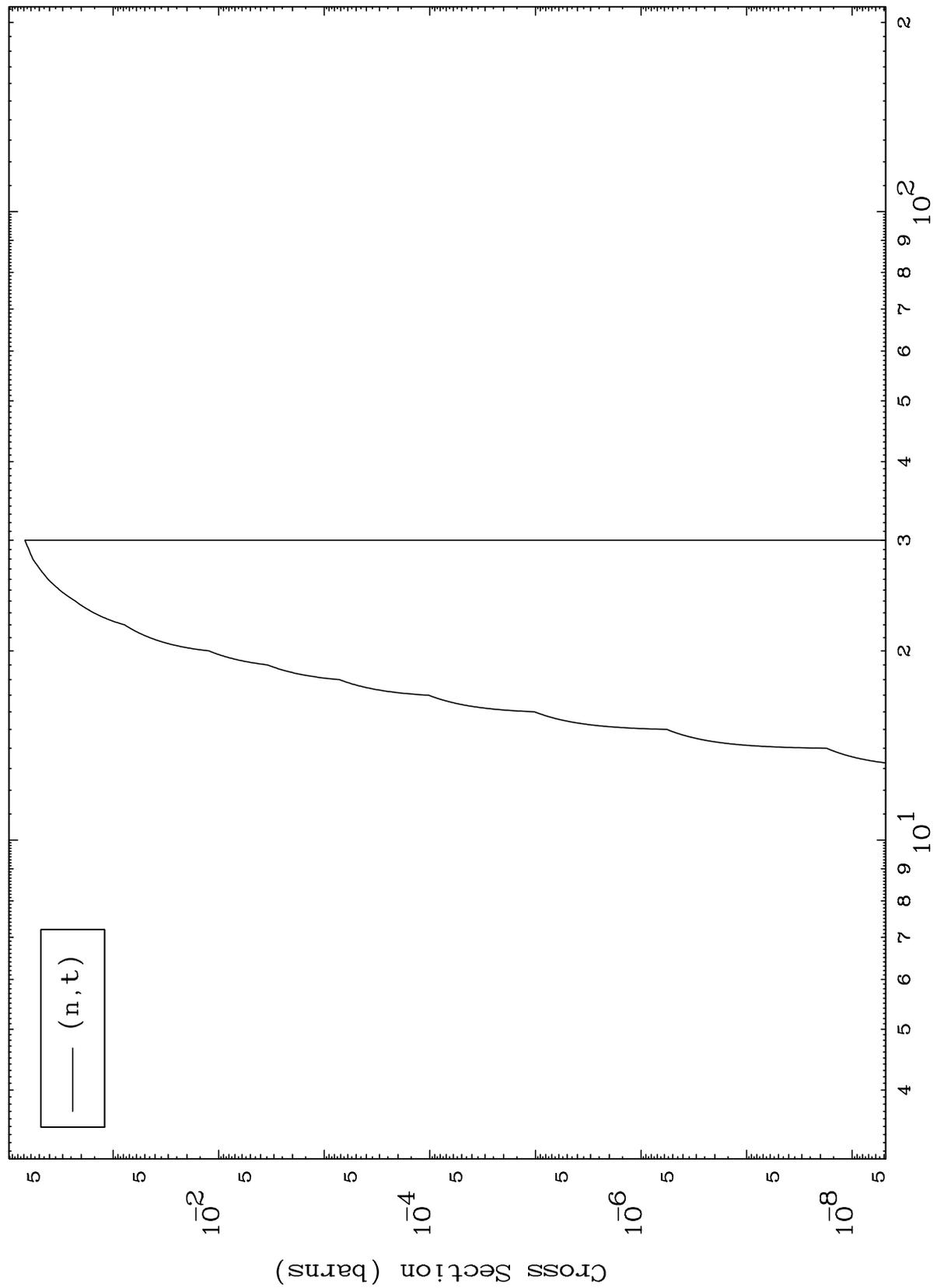
⁸³Bi-200m

MAT 8299

(He-3,t) Levels

83-Bi-200m

0 Kelvin Cross Sections

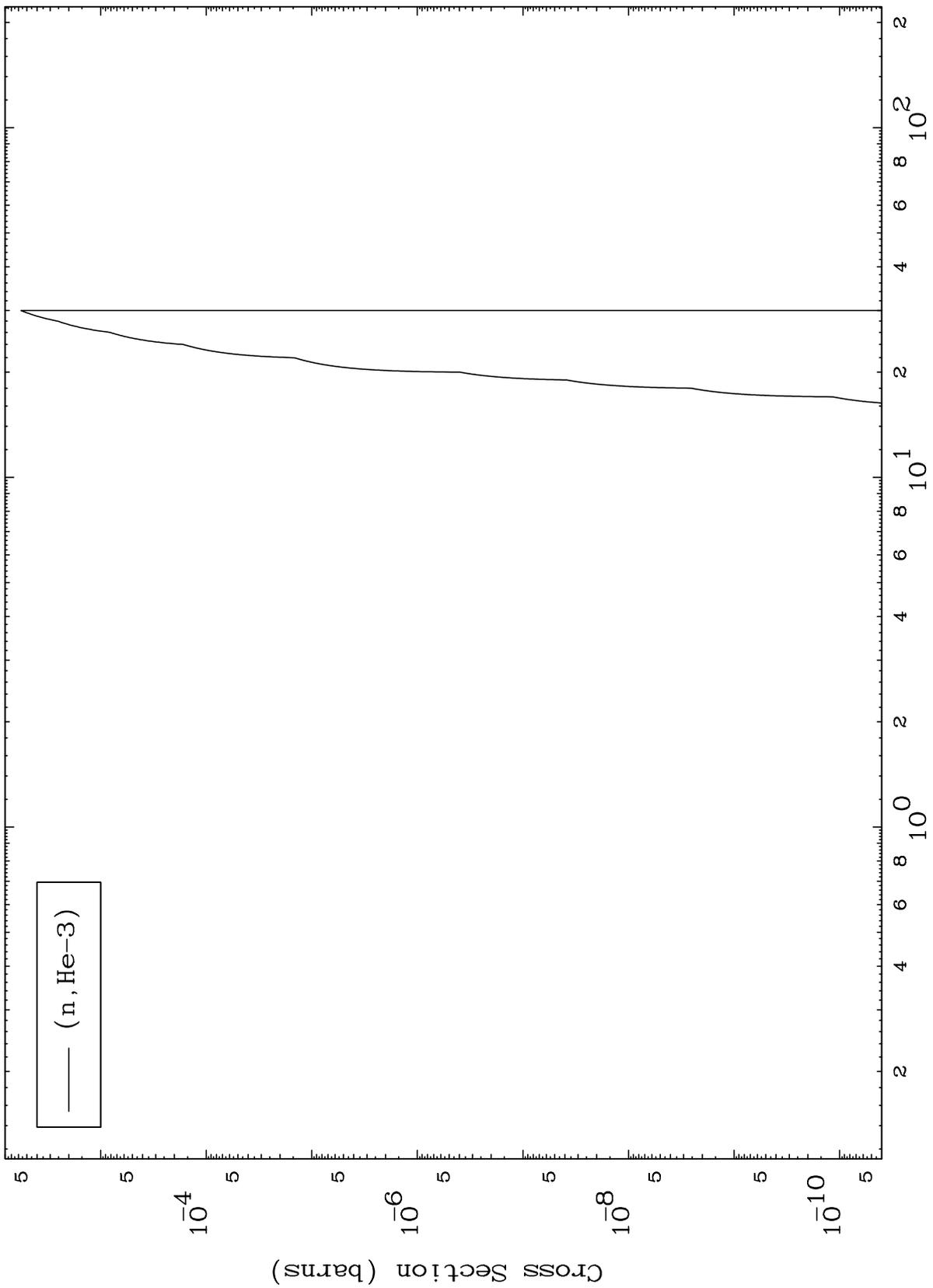


MAT 8299

(He-3, He3) Levels

83-Bi-200m

0 Kelvin Cross Sections



10

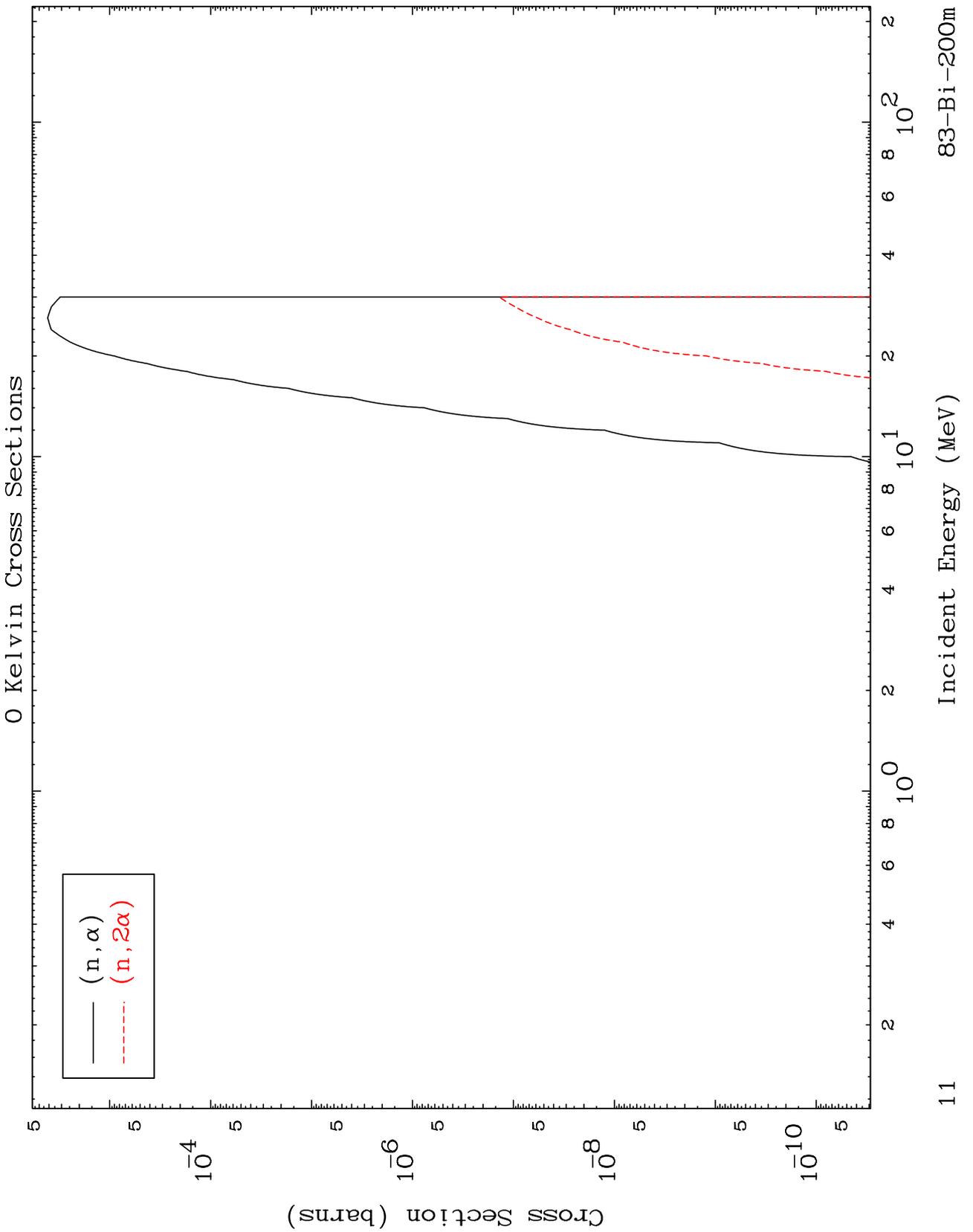
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(He-3, α) Levels

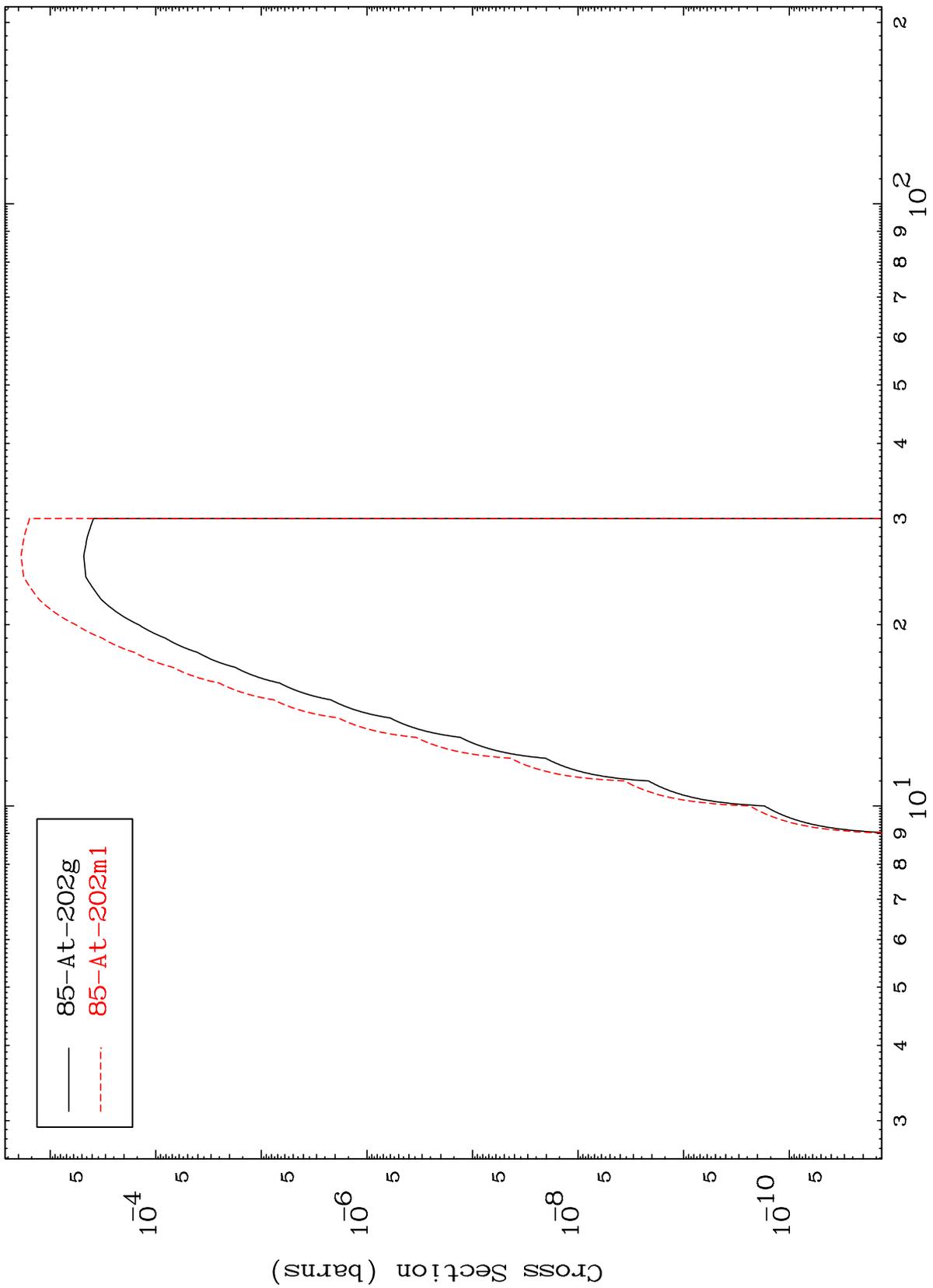
83-Bi-200m



MAT 8299

83-Bi-200m

Inelastic
Radionuclide Production Cross Section



83-Bi-200m

Incident Energy (MeV)

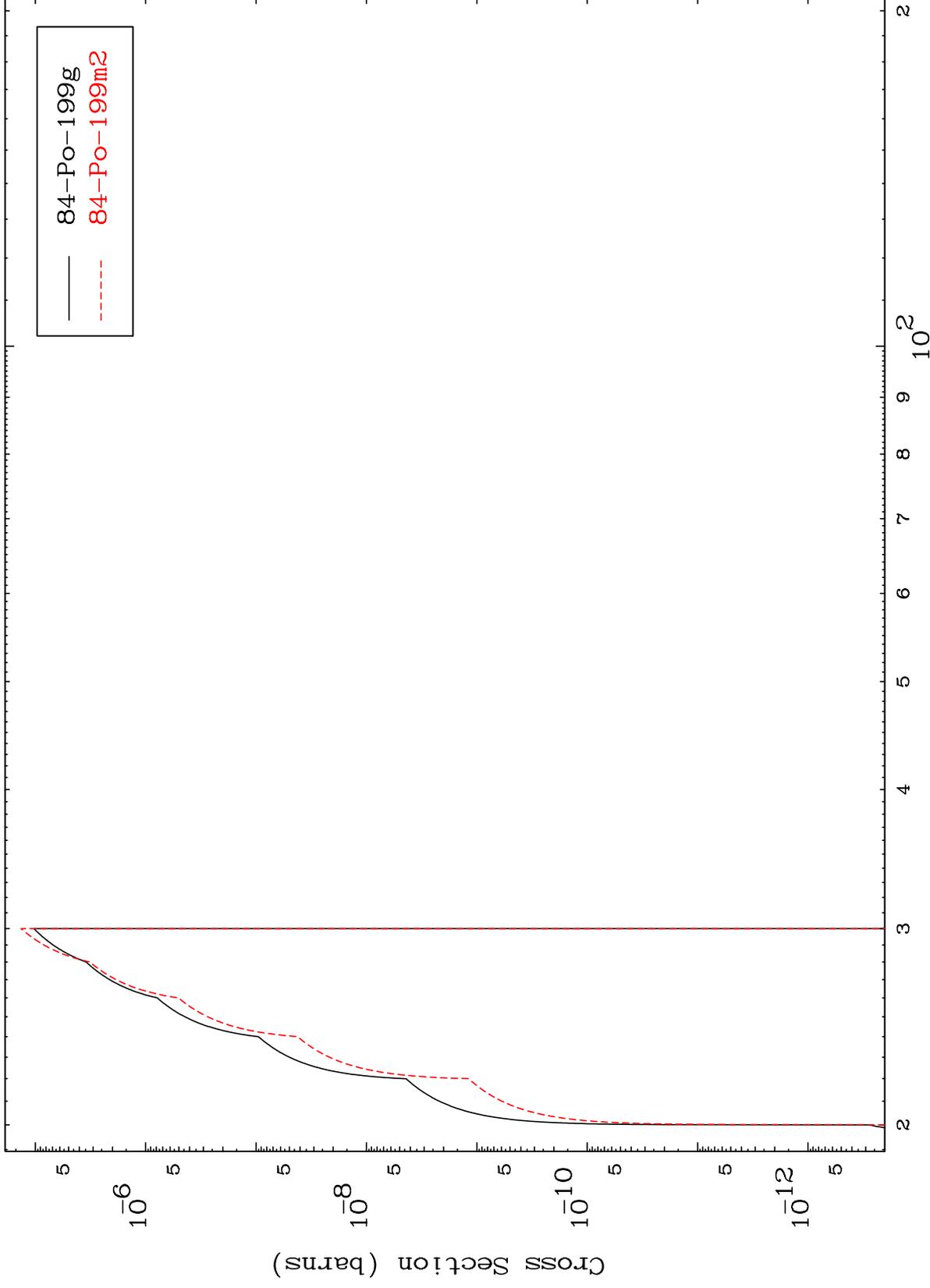
12

MAT 8299

(n,2n) d

83-Bi-200m

Radionuclide Production Cross Section



13

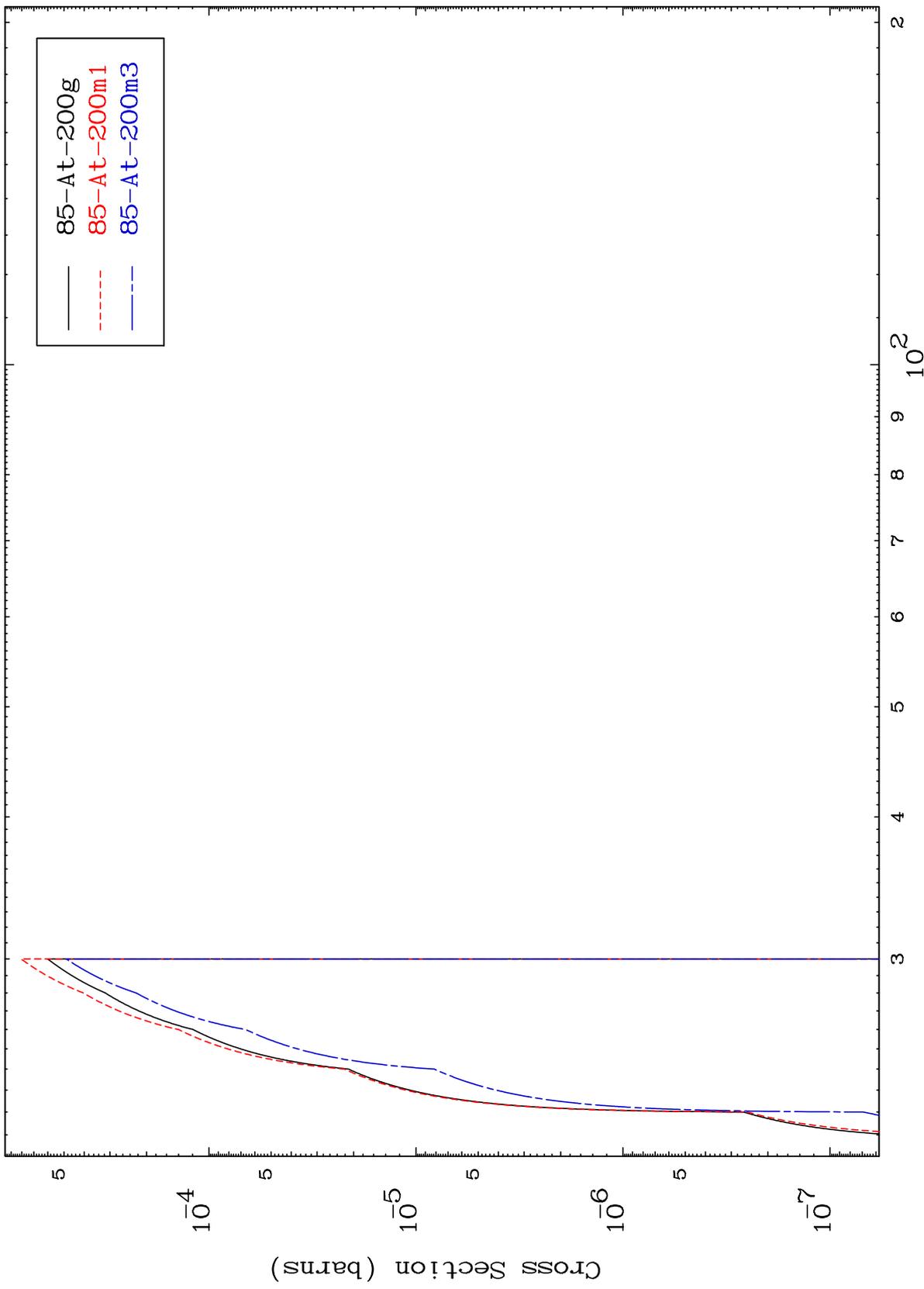
Incident Energy (MeV)

83-Bi-200m

MAT 8299

83-Bi-200m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

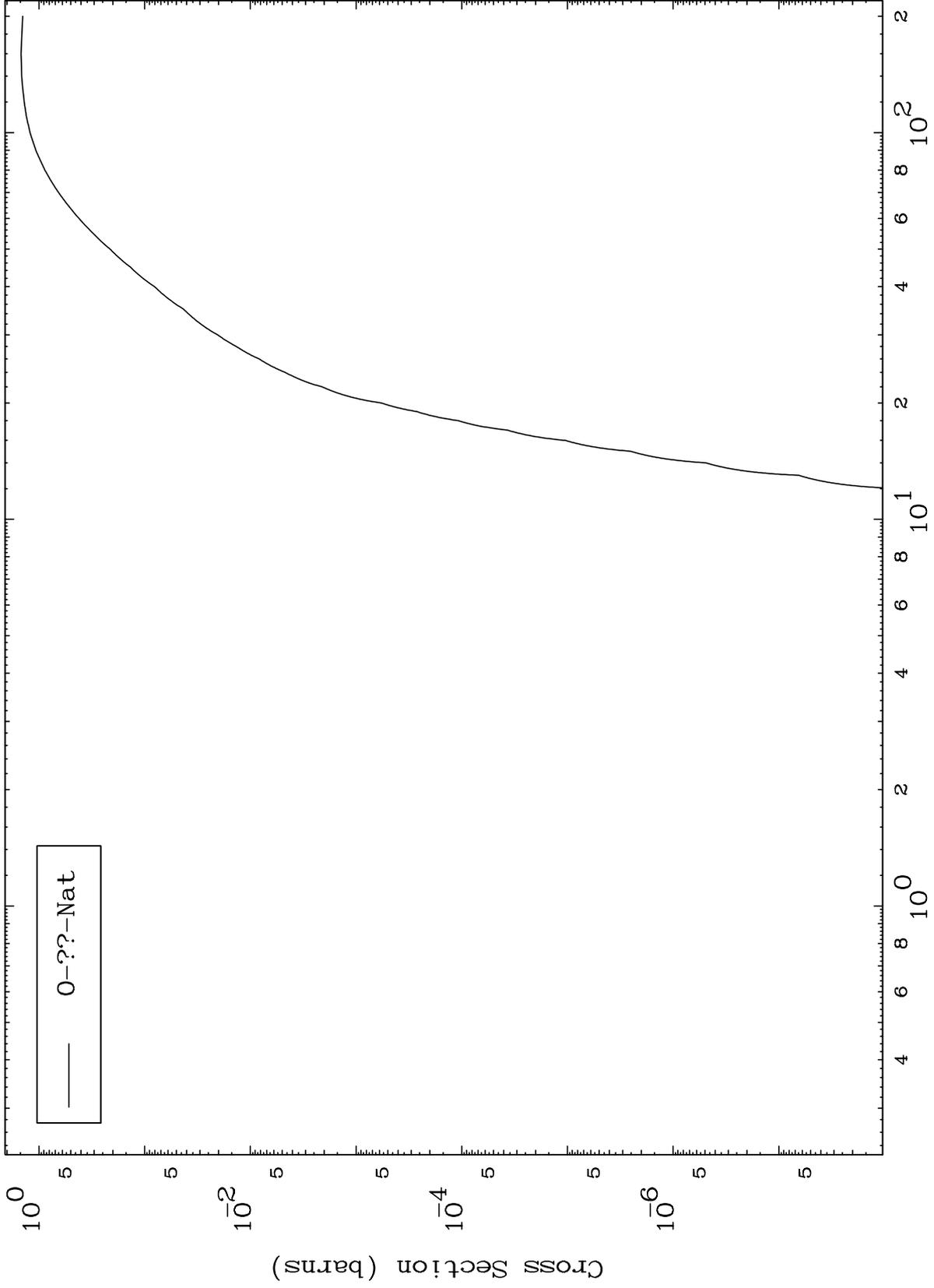
83-Bi-200m

MAT 8299

Fission

⁸³Bi-200m

Radionuclide Production Cross Section



15

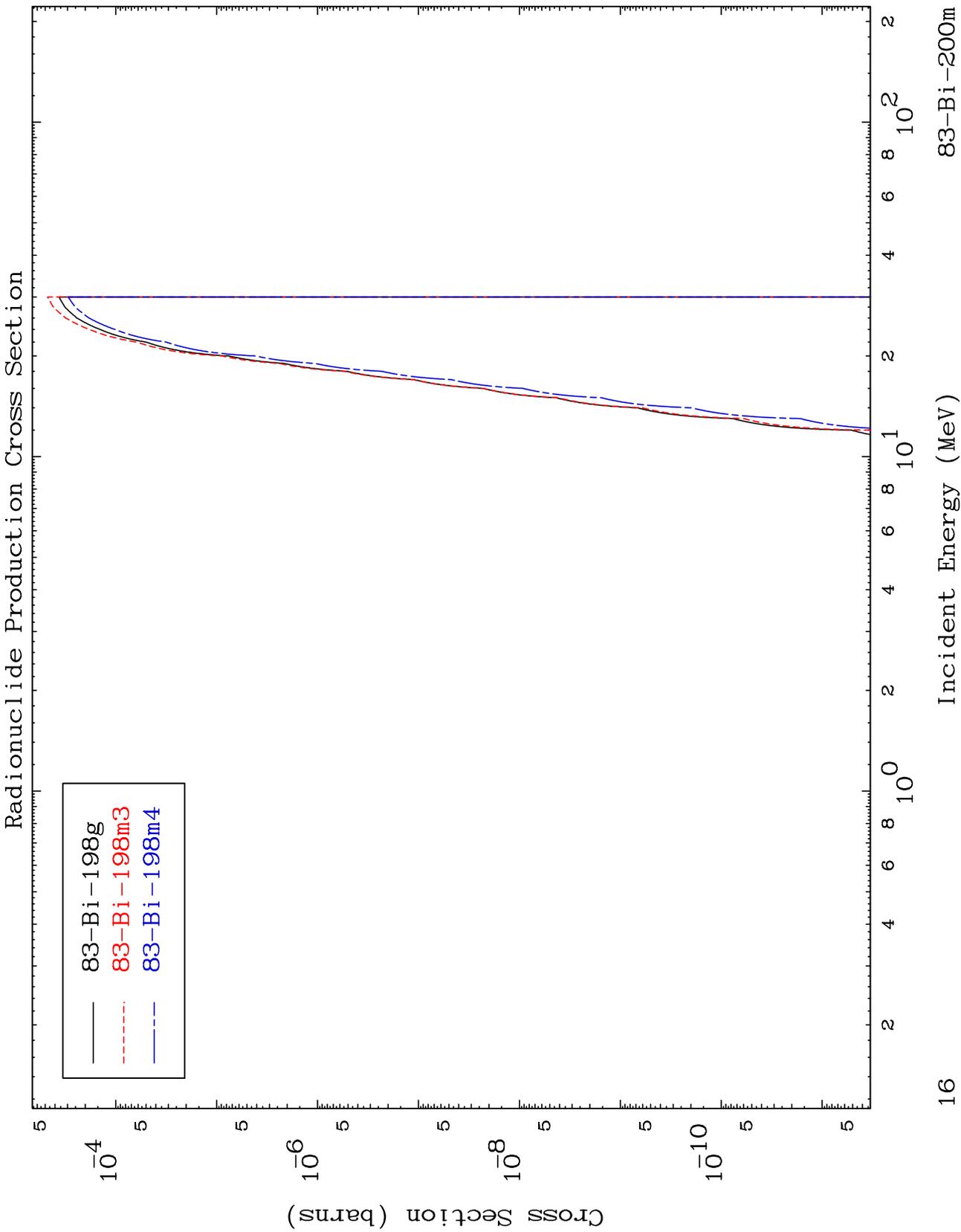
Incident Energy (MeV)

⁸³Bi-200m

MAT 8299

$(n, n') \alpha$

$^{83}\text{Bi}-200\text{m}$

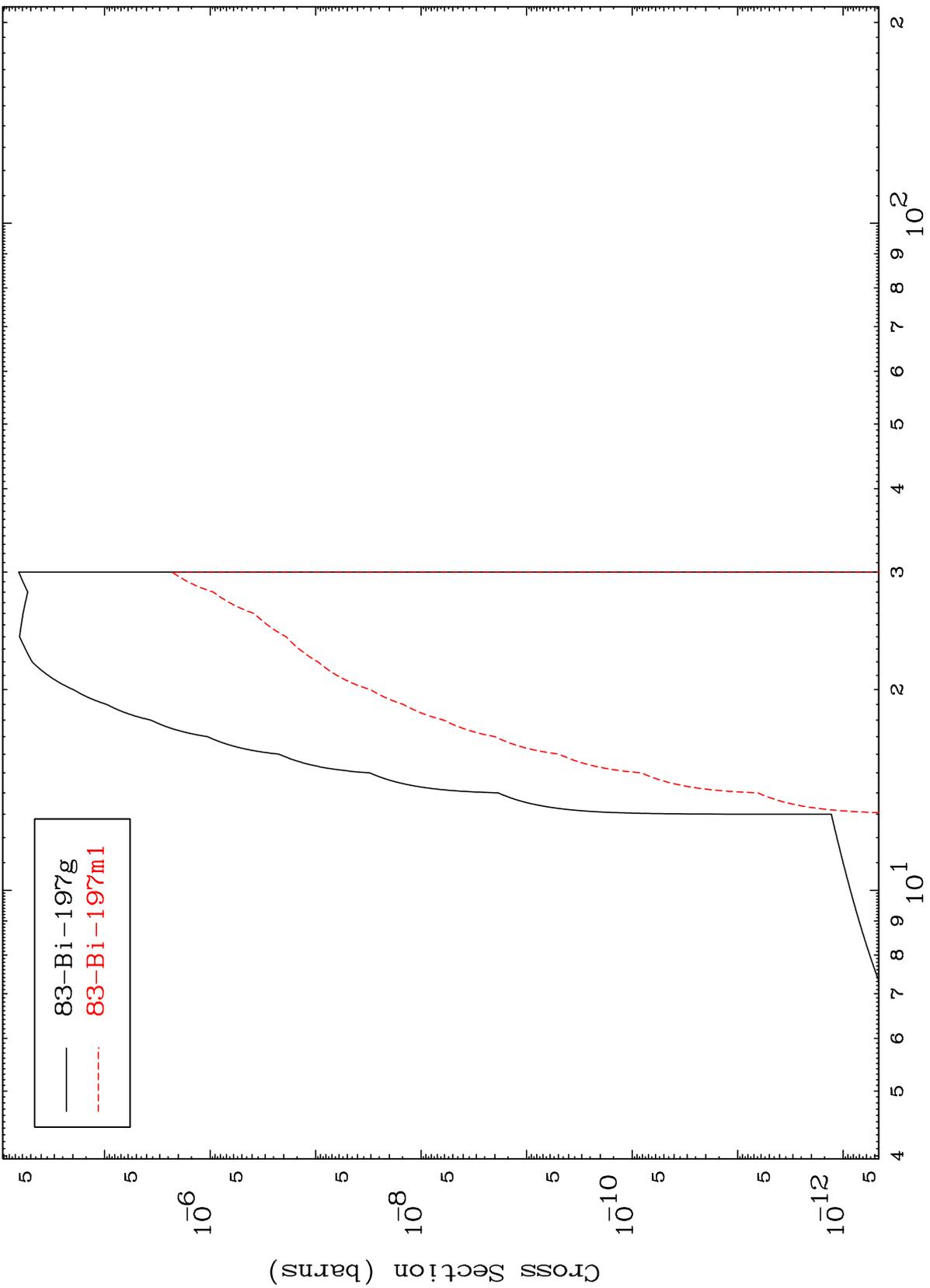


MAT 8299

$(n,2n) \alpha$

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section



17

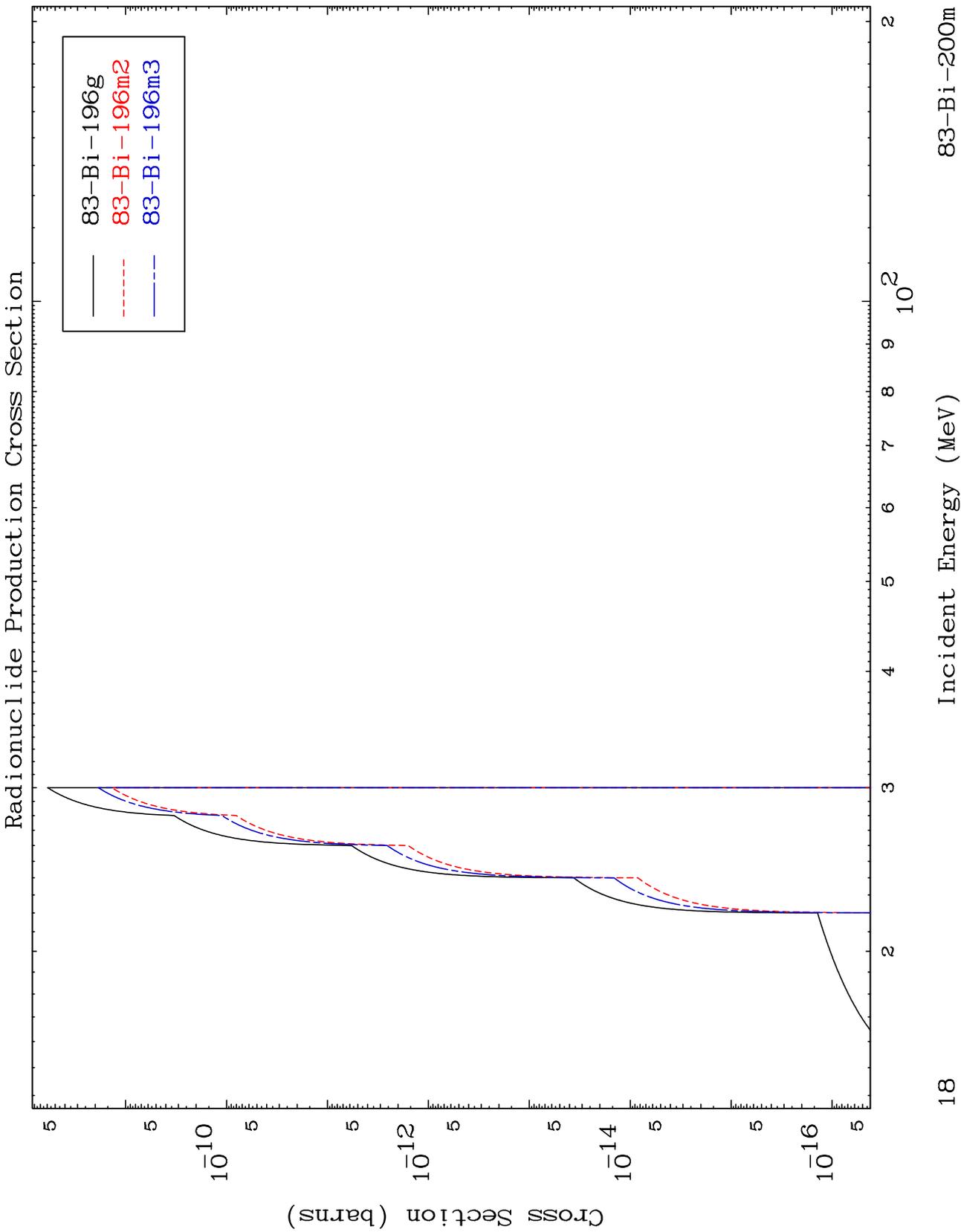
Incident Energy (MeV)

$^{83}\text{Bi}-200\text{m}$

MAT 8299

$(n,3n) \alpha$

^{83}Bi -200m



18

Incident Energy (MeV)

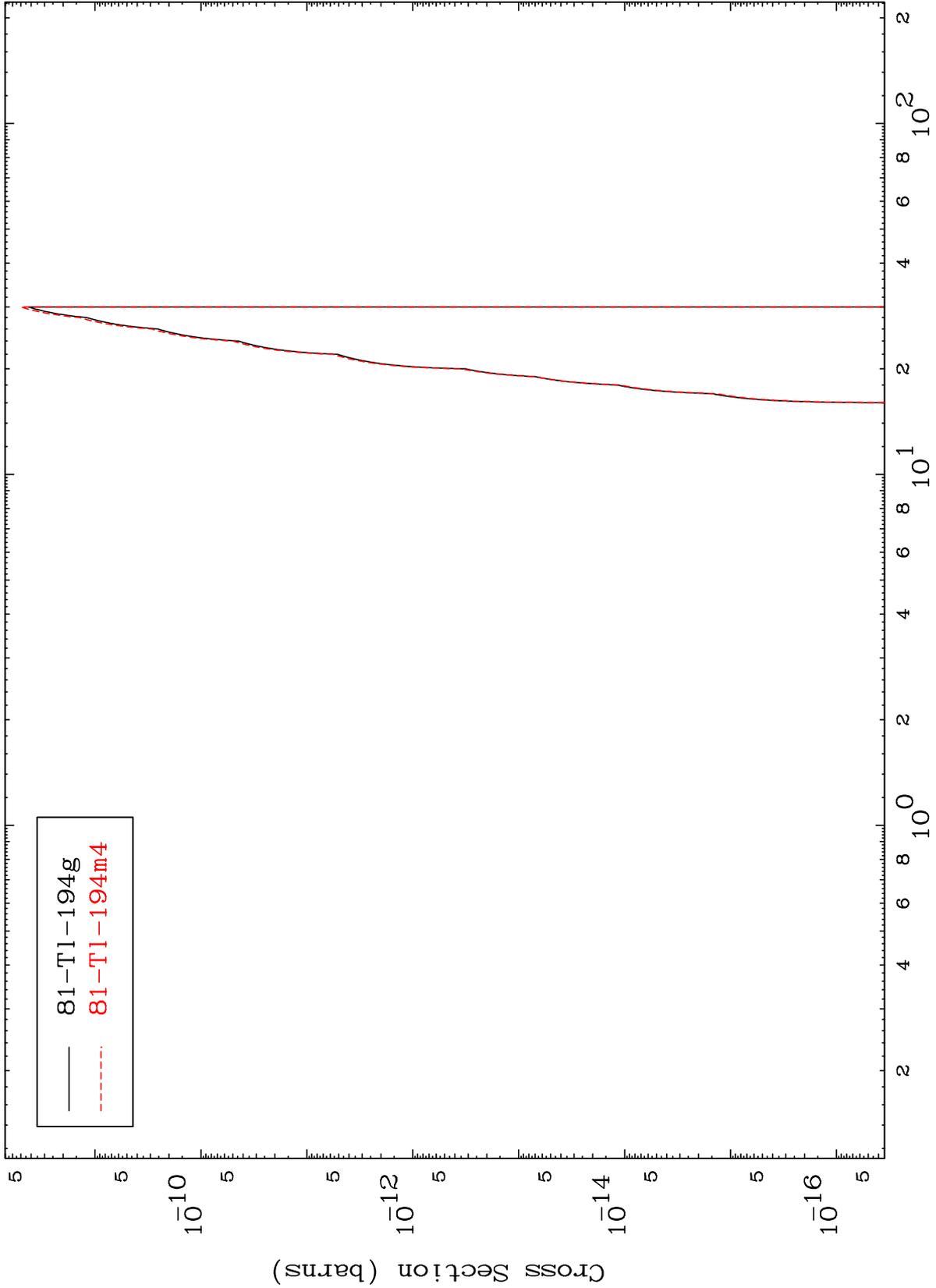
^{83}Bi -200m

MAT 8299

(n,n') 2 α

83-Bi-200m

Radionuclide Production Cross Section



20

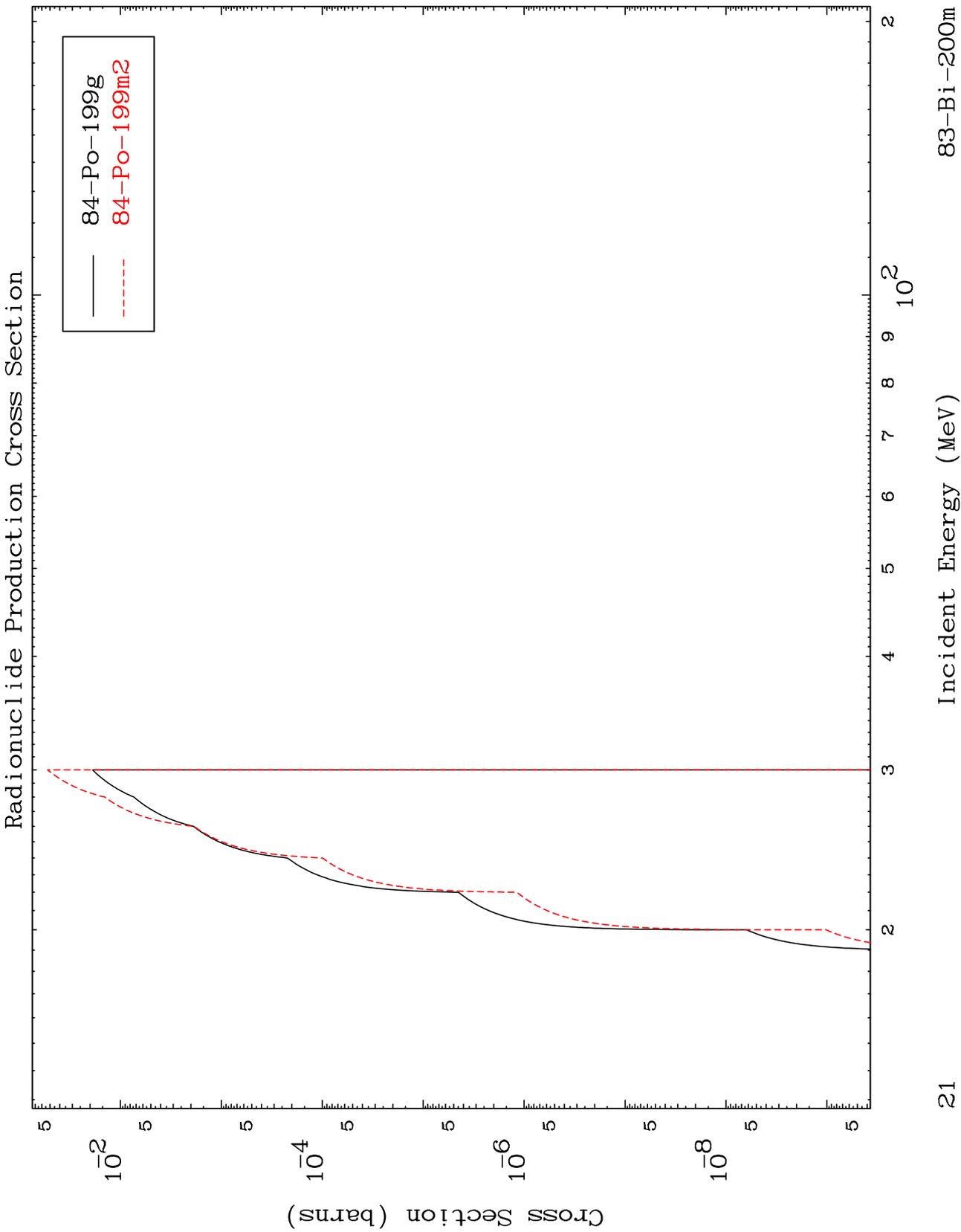
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,n') t

83-Bi-200m

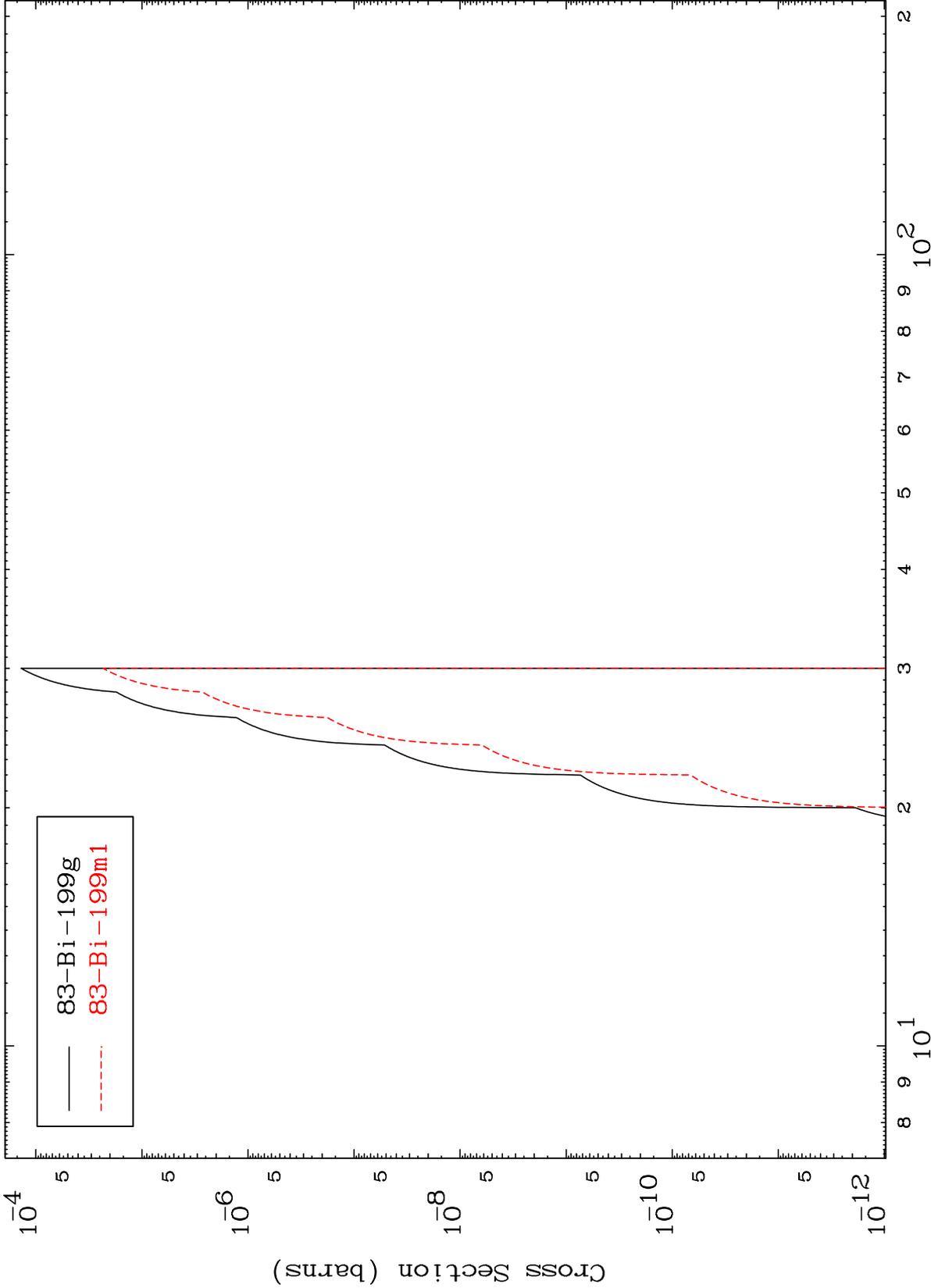


MAT 8299

(n,n') He-3

83-Bi-200m

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

Incident Energy (MeV)

83-Bi-200m

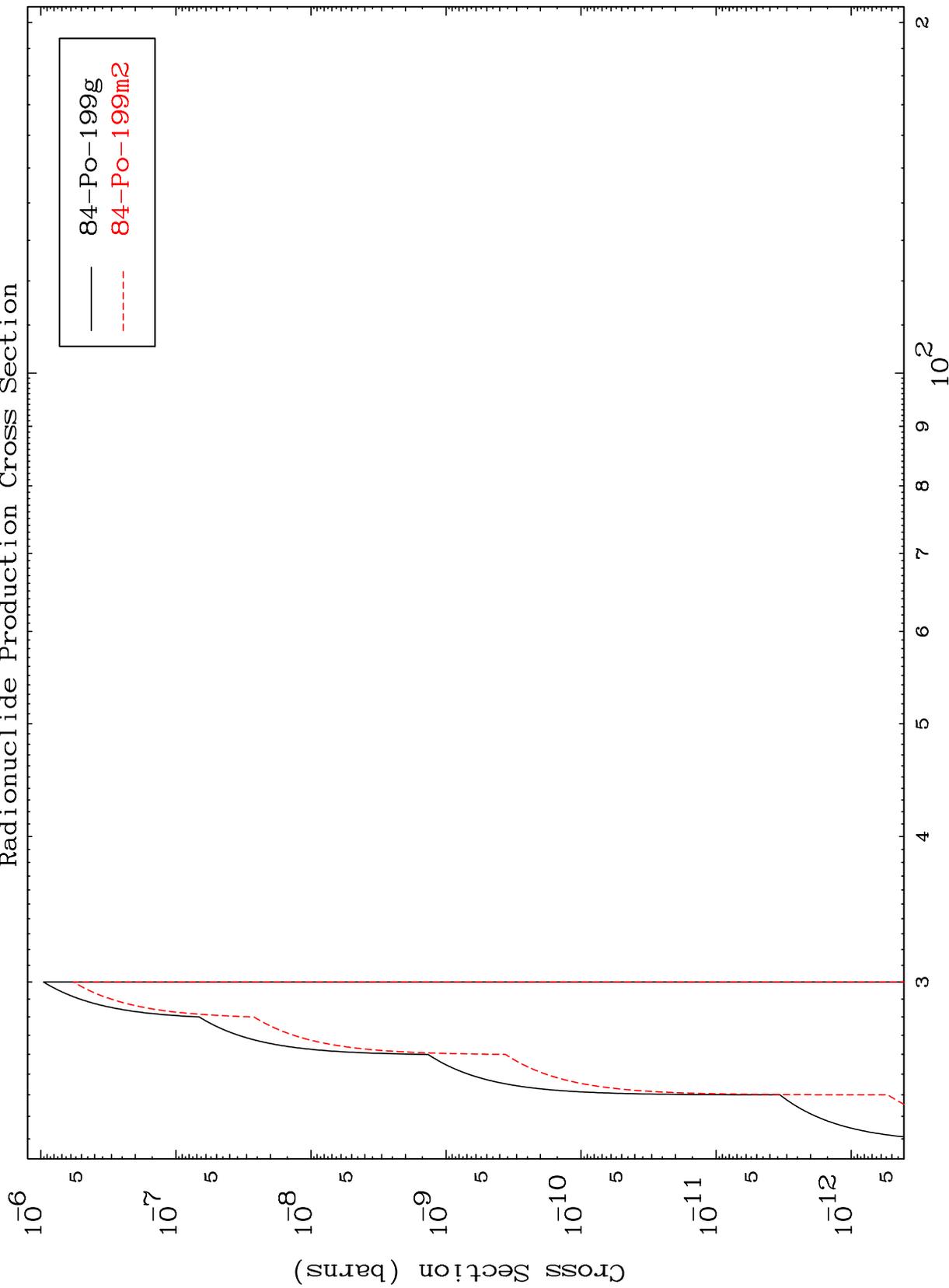
22

MAT 8299

(n,3n) p

83-Bi-200m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

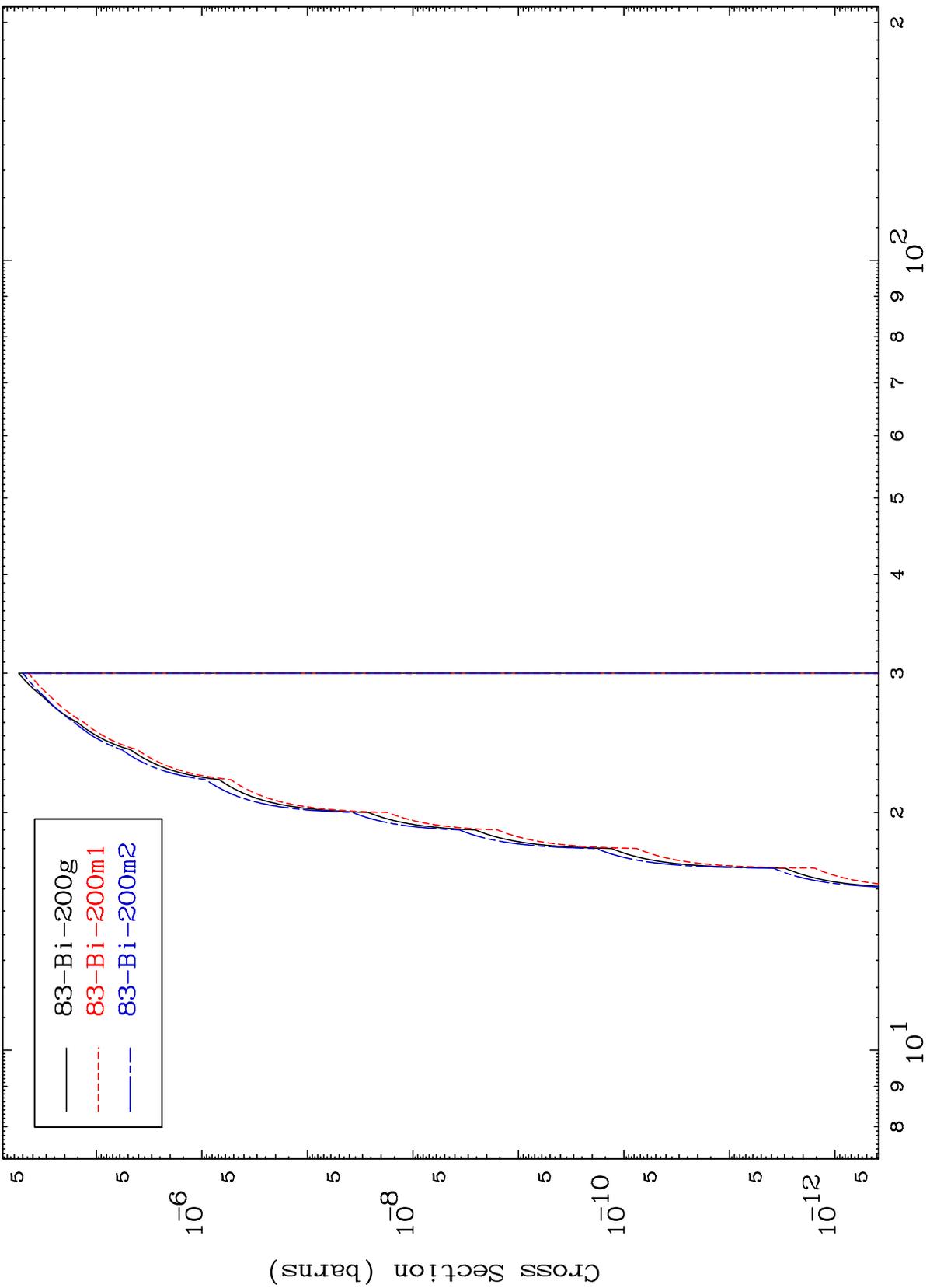
83-Bi-200m

MAT 8299

⁸³Bi-200m

(n,2n) p

Radionuclide Production Cross Section



24

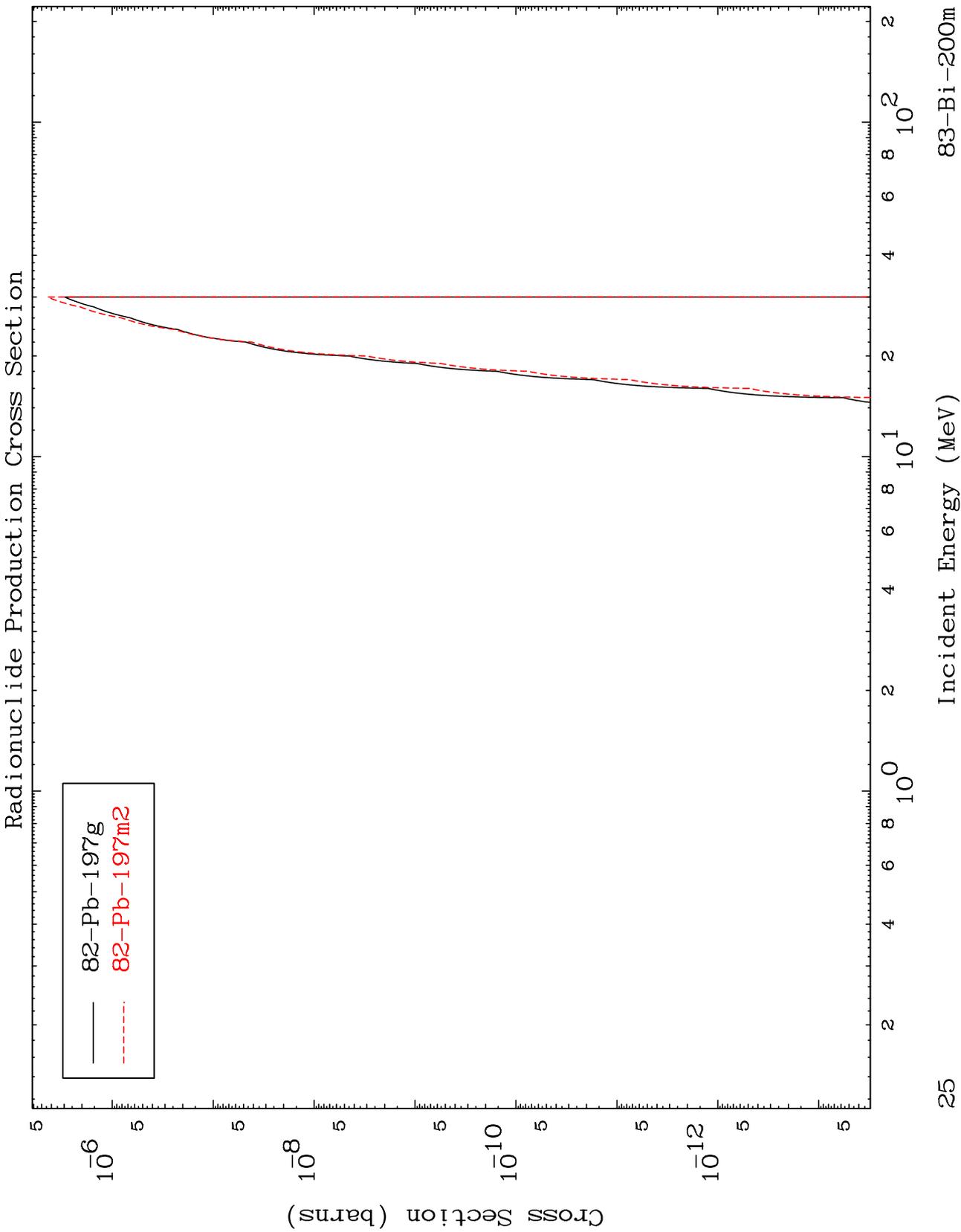
Incident Energy (MeV)

⁸³Bi-200m

MAT 8299

(n,n') p α

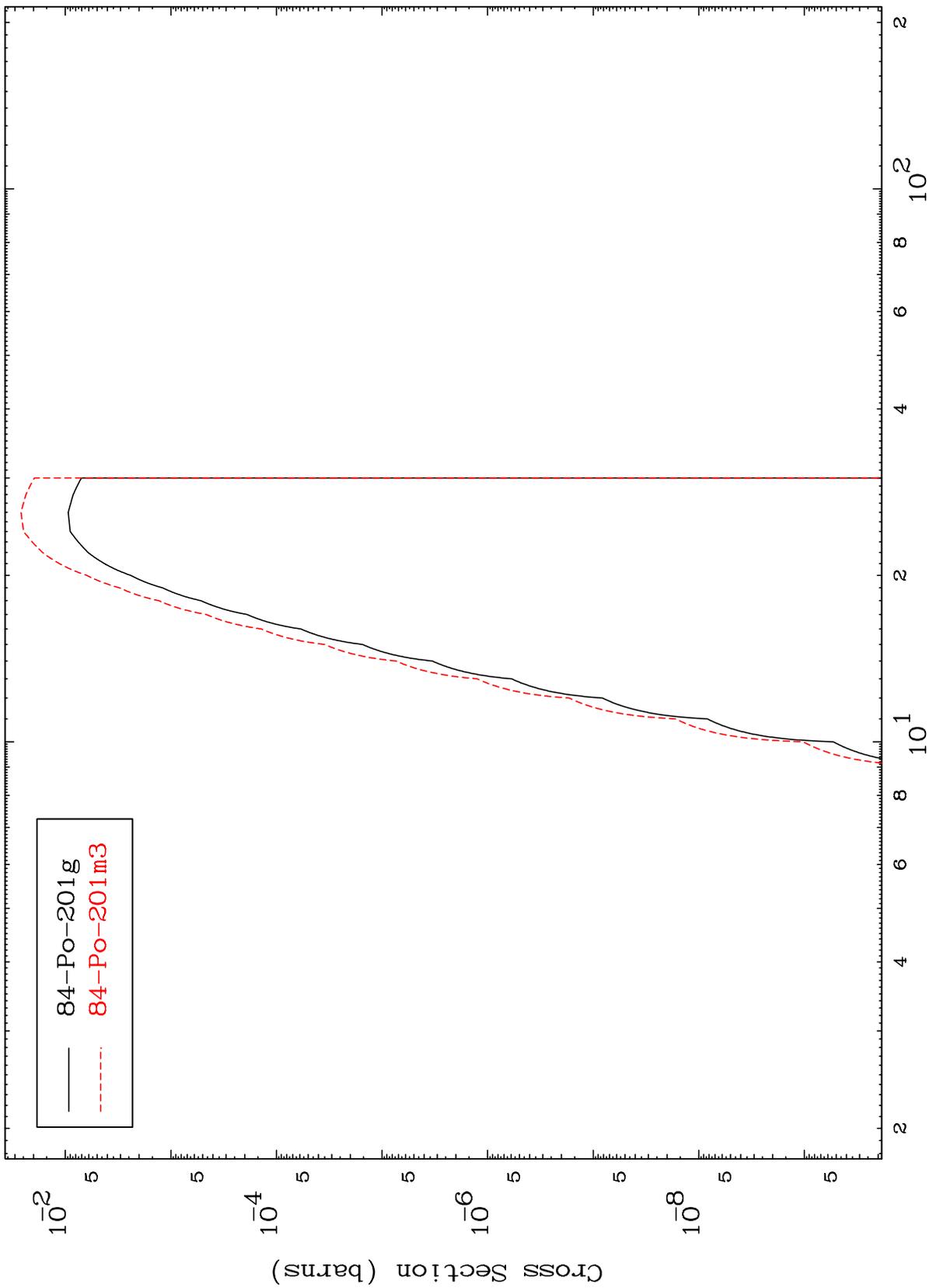
83-Bi-200m



MAT 8299

83-Bi-200m

(n,d)
Radionuclide Production Cross Section



26

83-Bi-200m

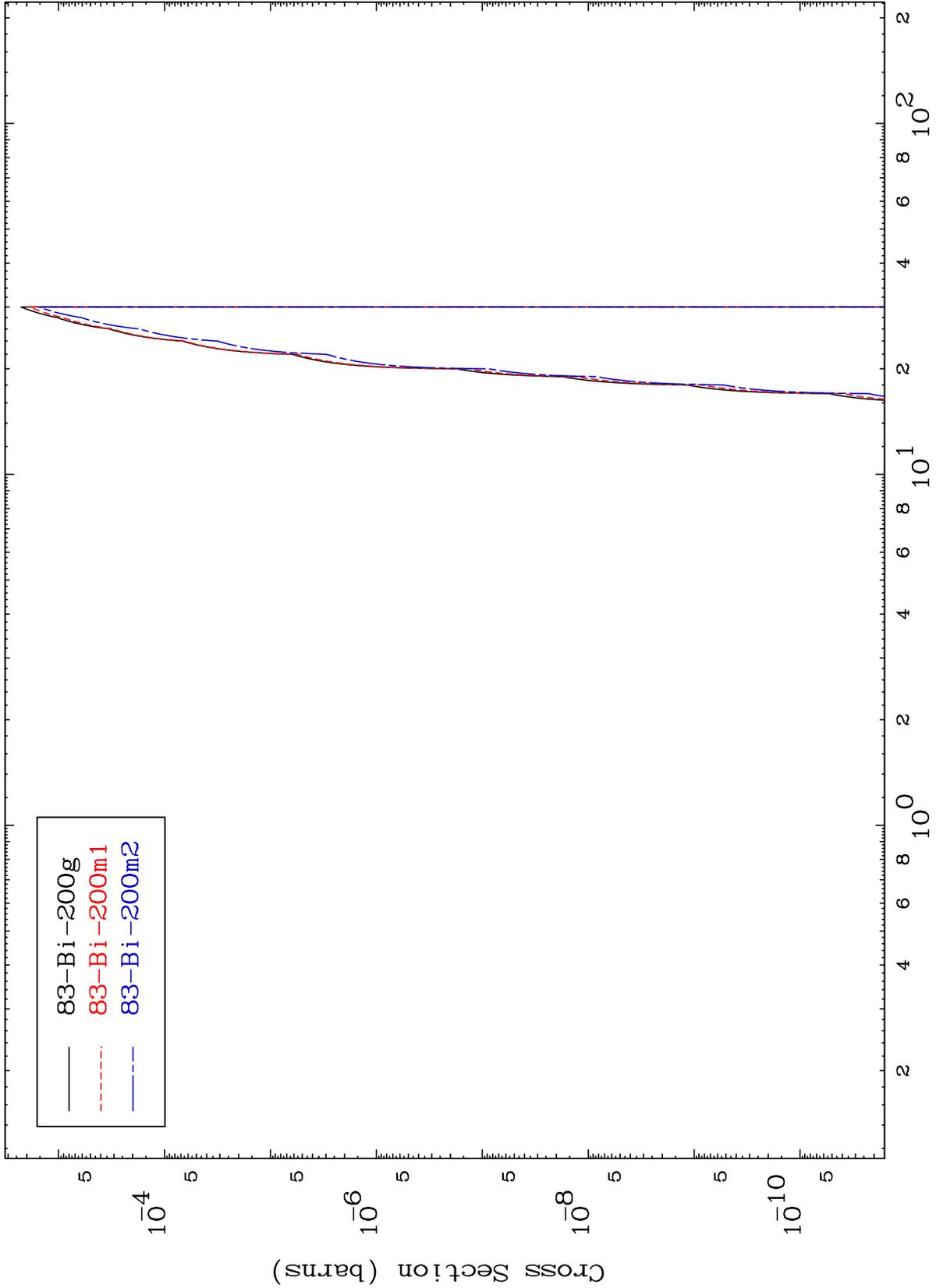
Incident Energy (MeV)

MAT 8299

(n,He-3)

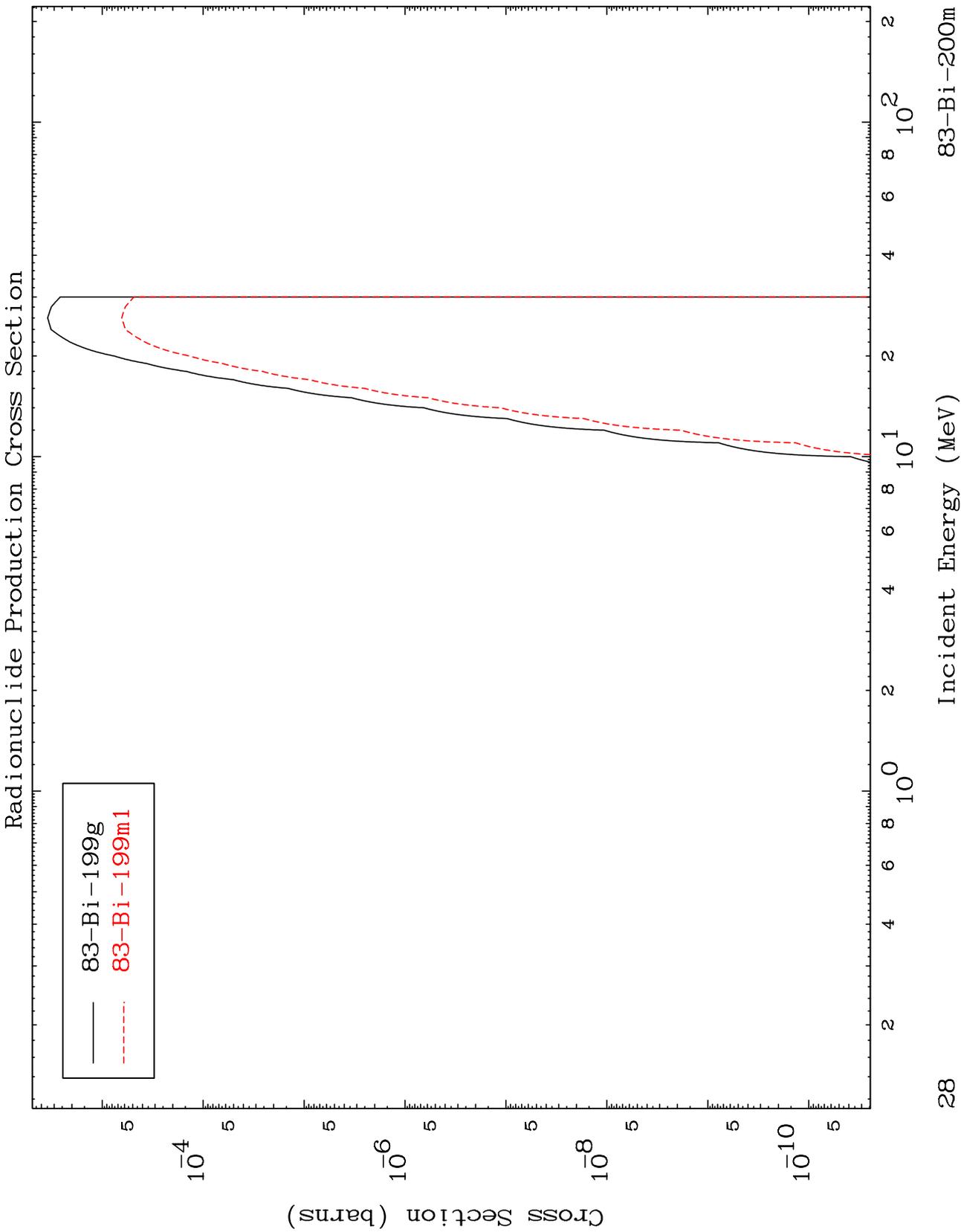
83-Bi-200m

Radionuclide Production Cross Section



MAT 8299

$^{83}\text{Bi-200m}$



— 83-Bi-199g
- - - 83-Bi-199m1

Cross Section (barns)

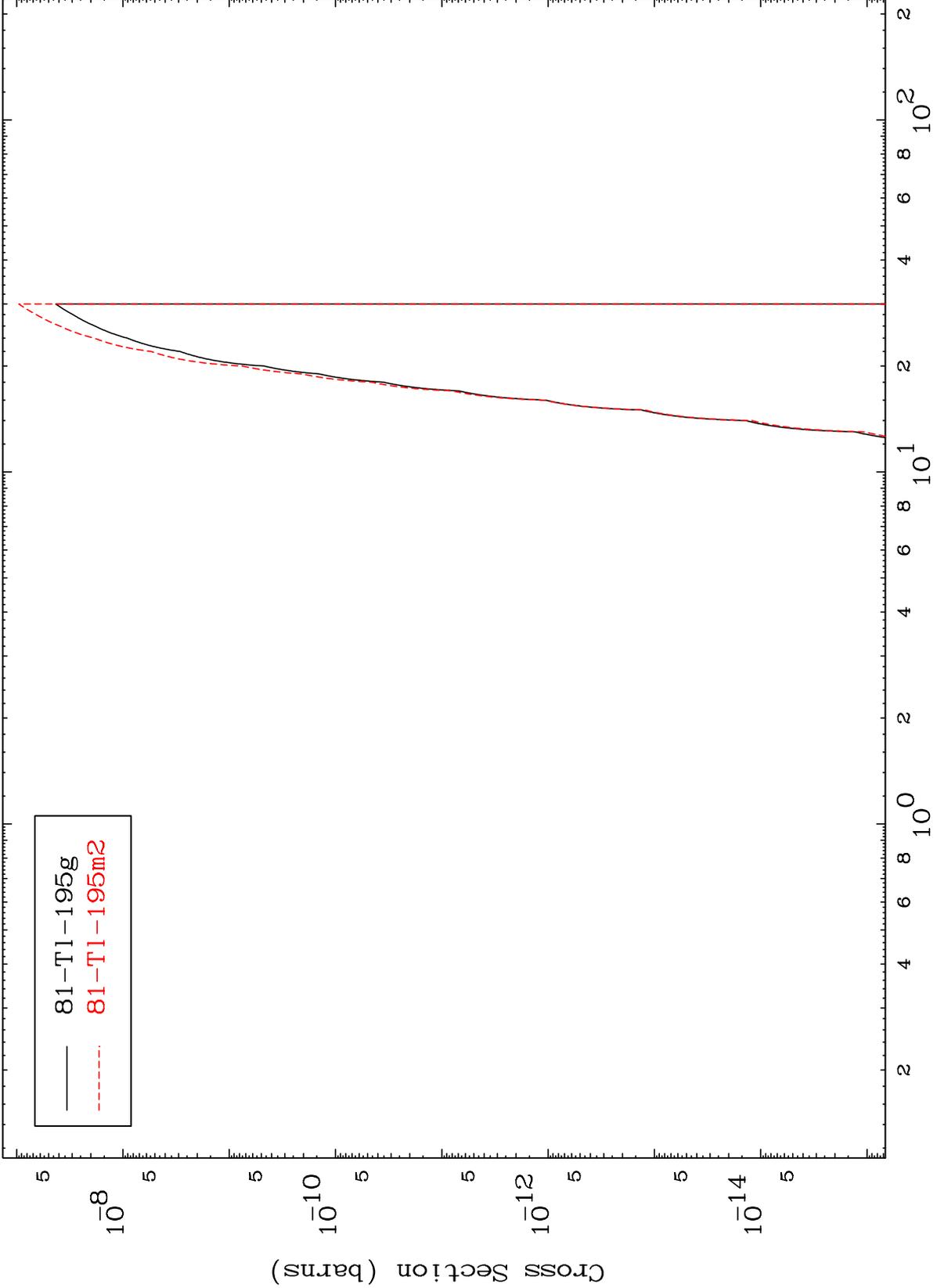
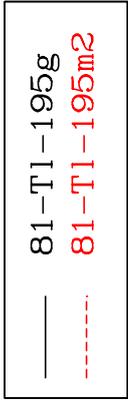
Incident Energy (MeV)

MAT 8299

(n,2α)

83-Bi-200m

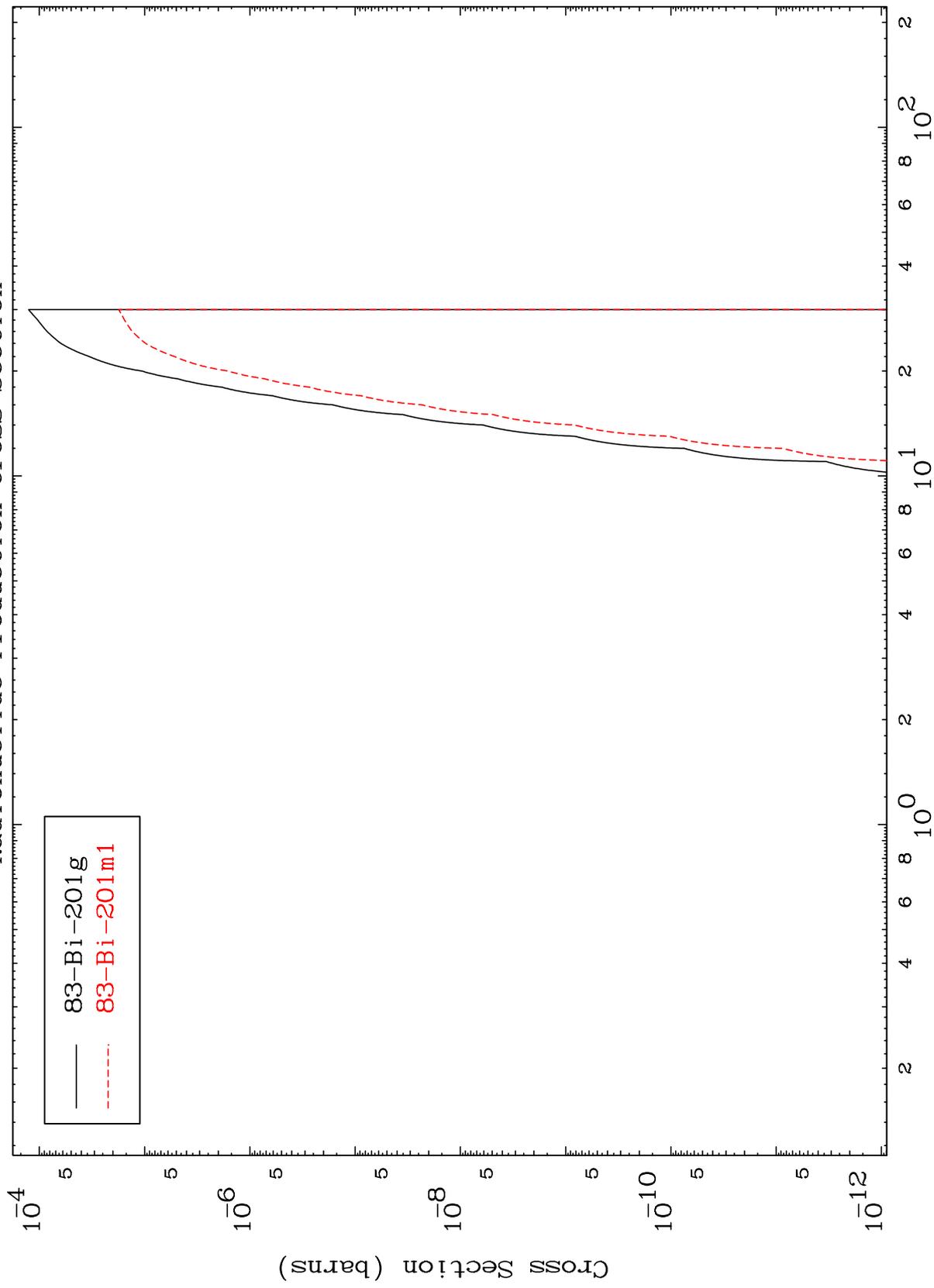
Radionuclide Production Cross Section



MAT 8299

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section
(n,2p)



30

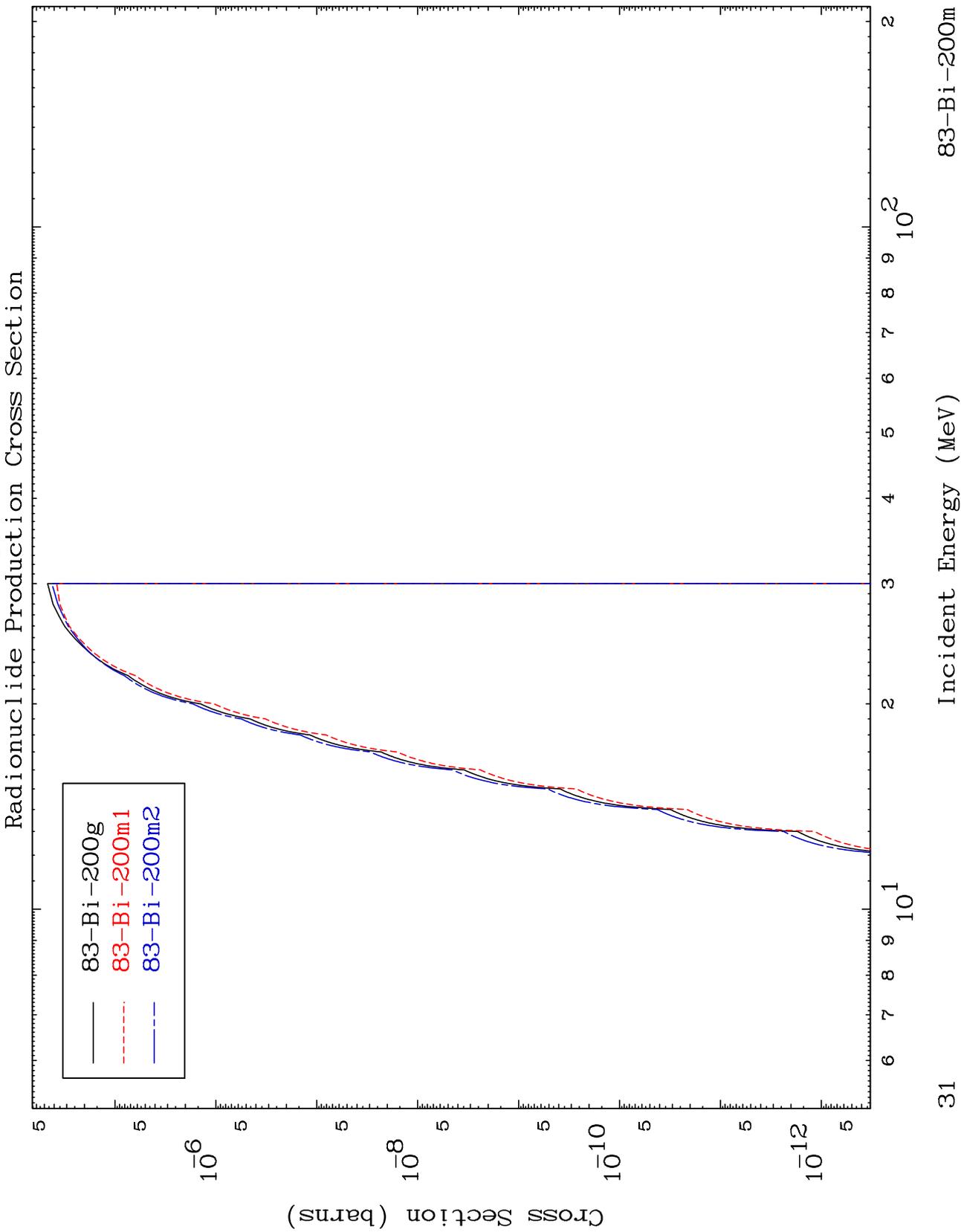
Incident Energy (MeV)

$^{83}\text{Bi}-200\text{m}$

MAT 8299

(n,p) d

⁸³Bi-200m



31

Incident Energy (MeV)

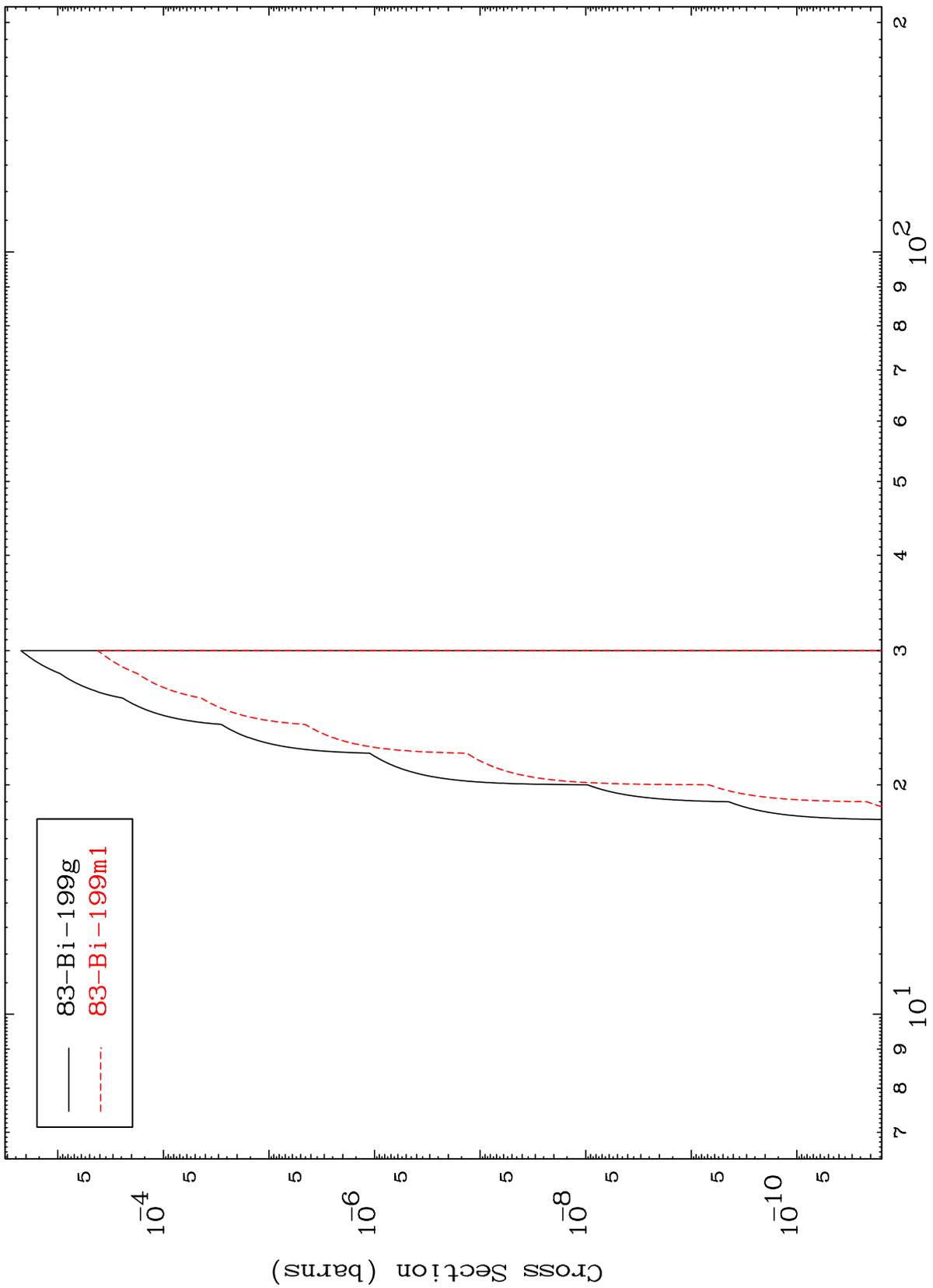
⁸³Bi-200m

MAT 8299

(n,p) t

83-Bi-200m

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

32

Incident Energy (MeV)

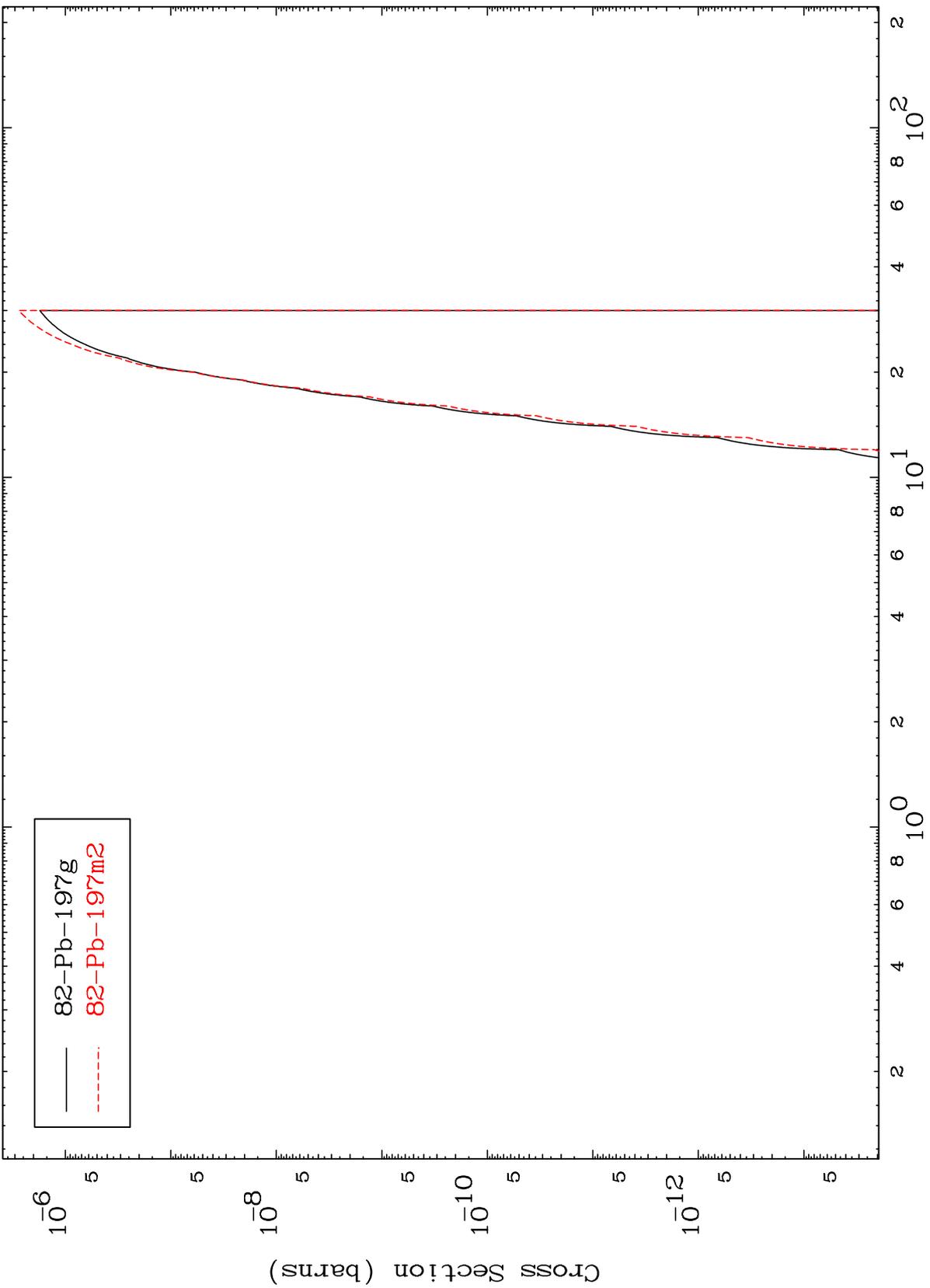
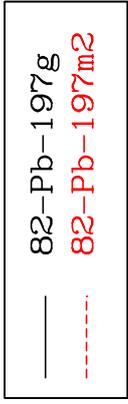
83-Bi-200m

MAT 8299

(n,d) α

^{83}Bi -200m

Radionuclide Production Cross Section



Incident Energy (MeV)

^{83}Bi -200m