

Program EVALPLOT
(Version 2021-1)

by

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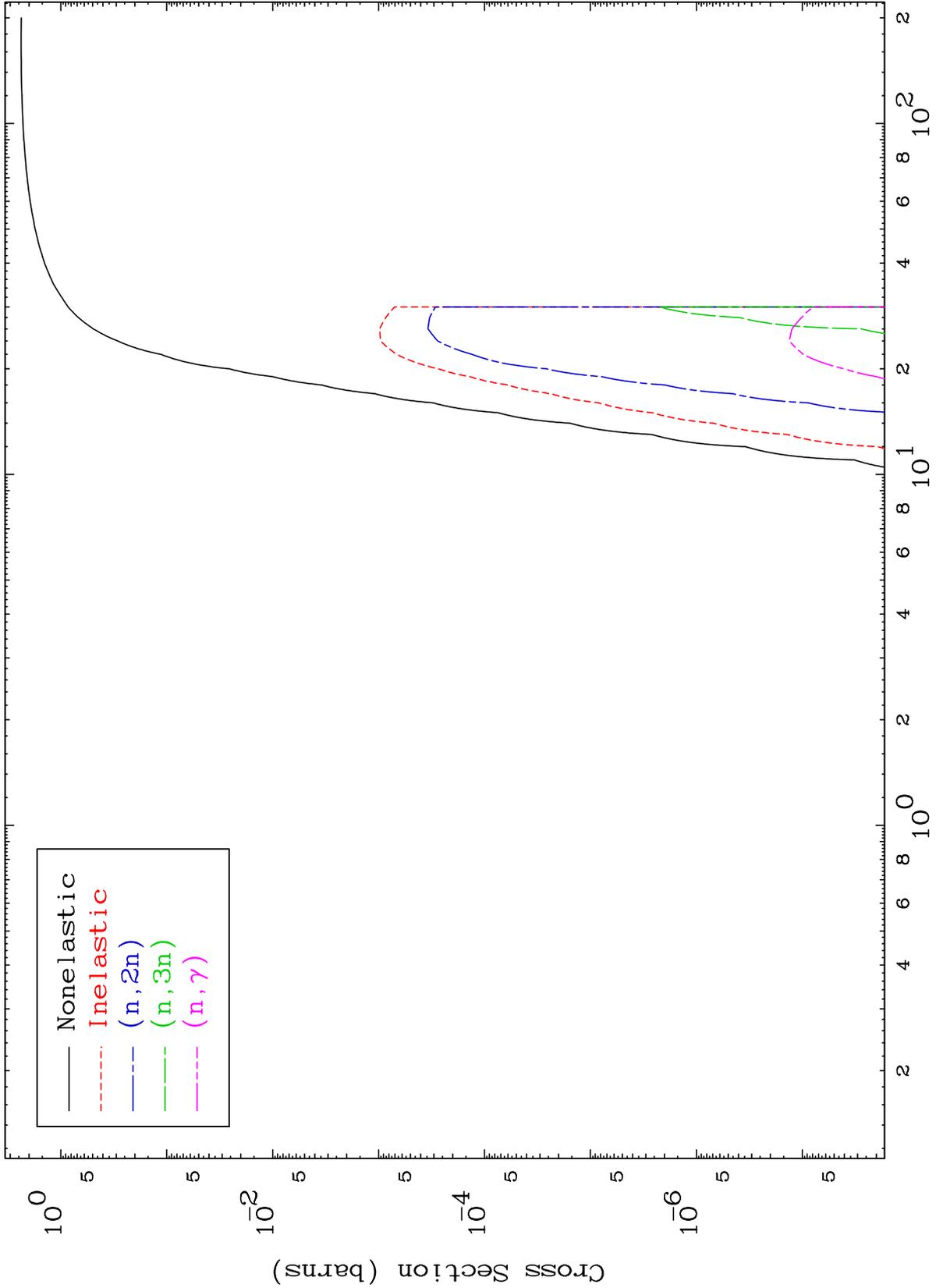
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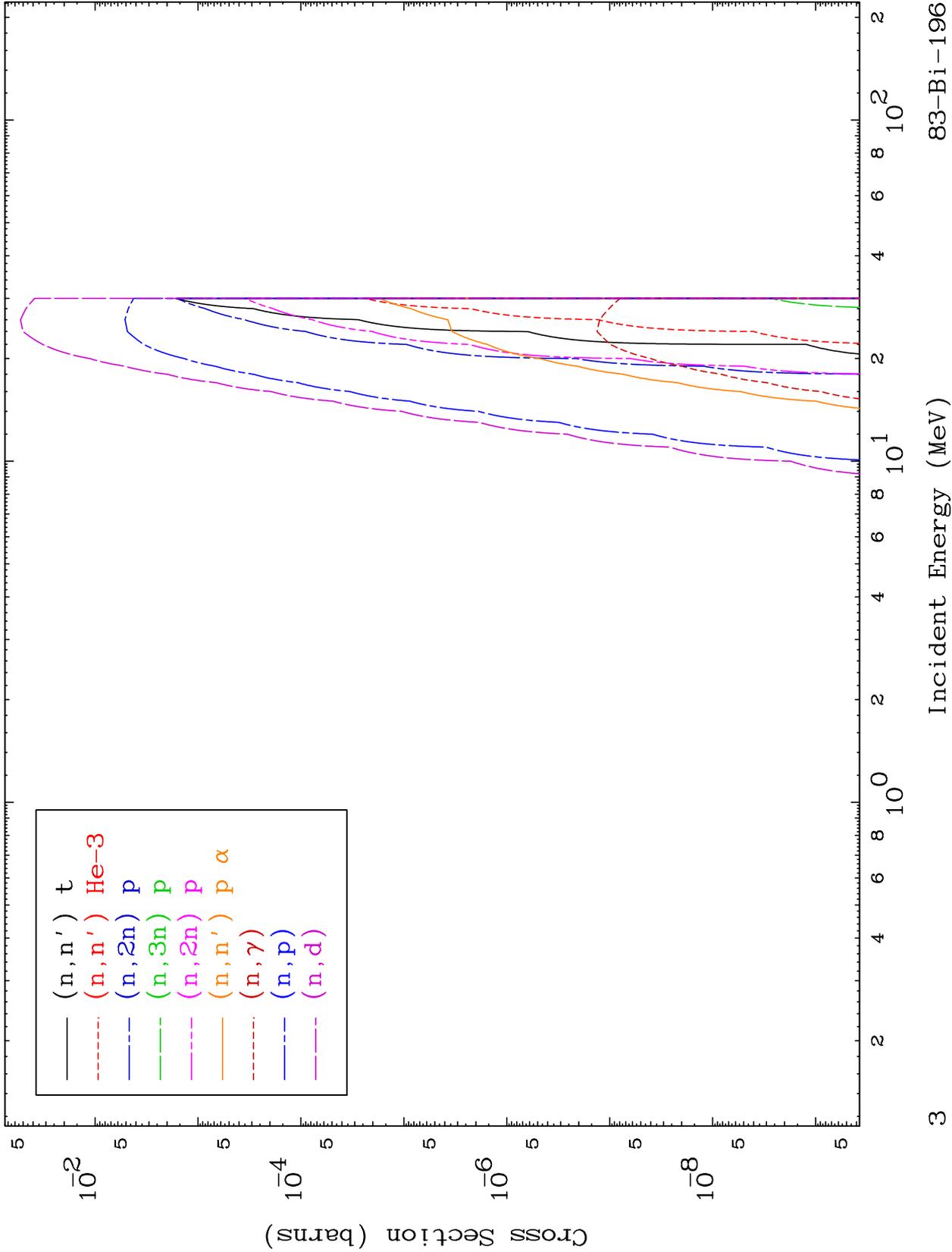
MAT 8286

He-3 Major

83-Bi-196

0 Kelvin Cross Sections

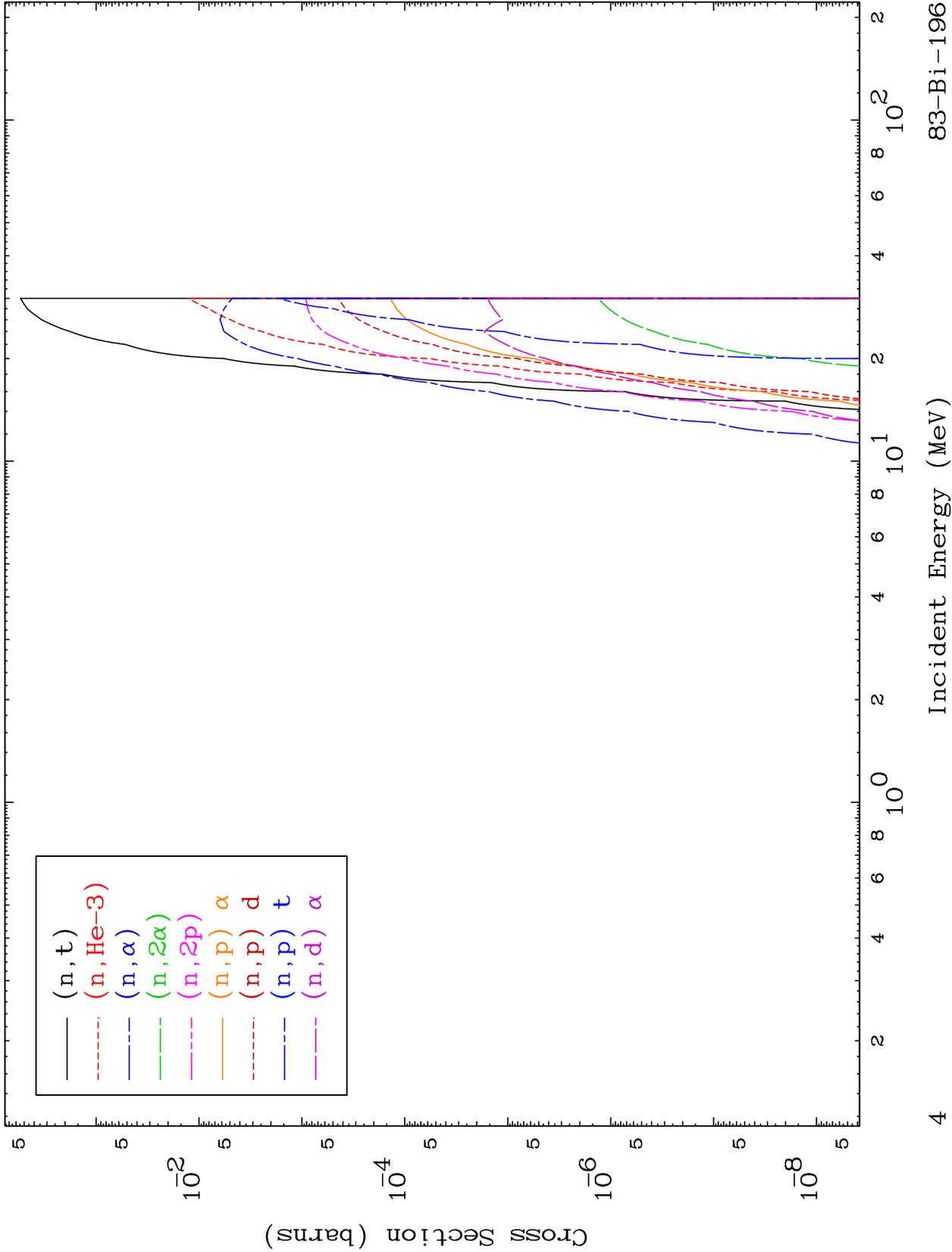




MAT 8286

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-196

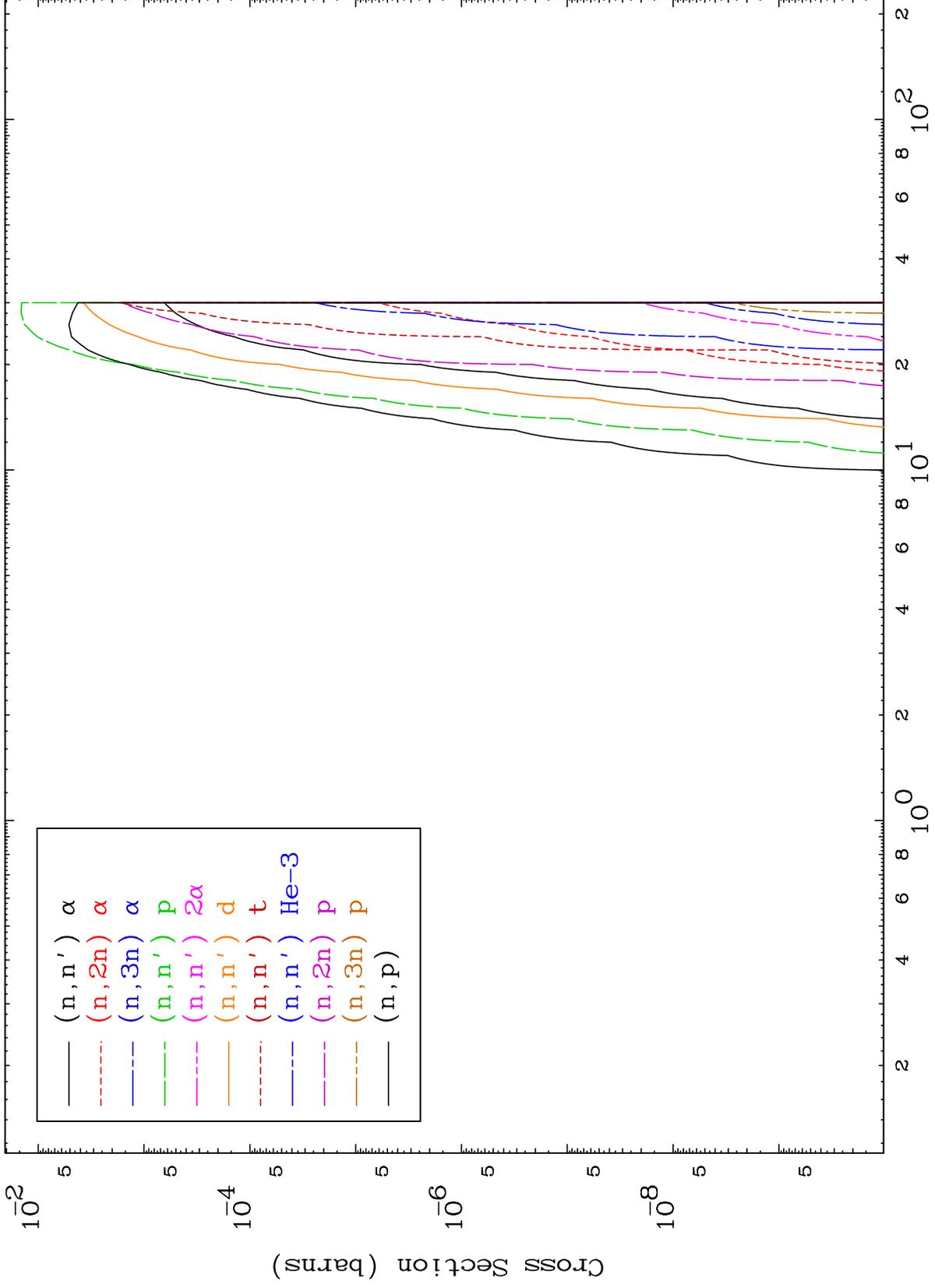


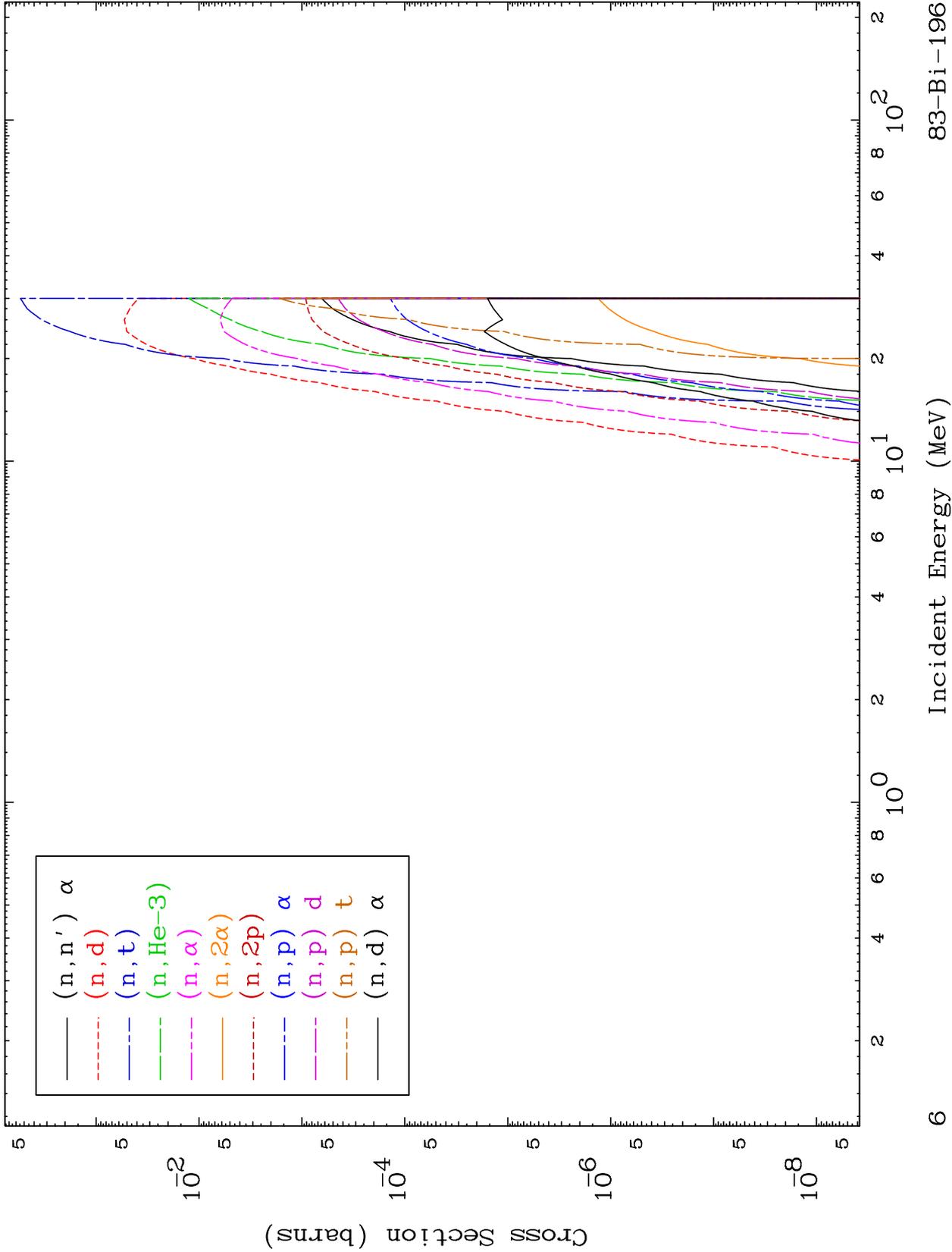
83-Bi-196

MAT 8286

He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-196



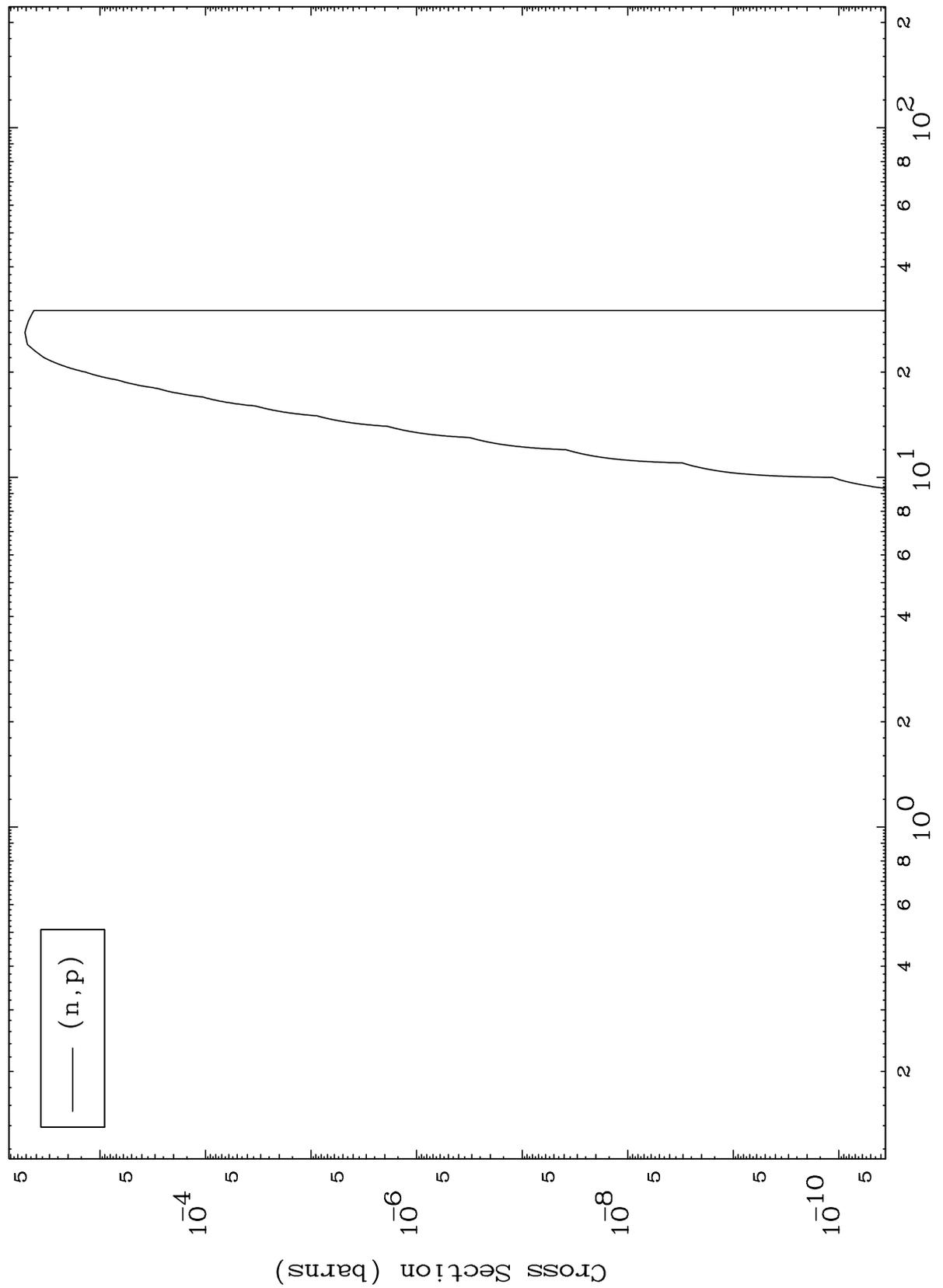


MAT 8286

(He-3,p) Levels

83-Bi-196

0 Kelvin Cross Sections

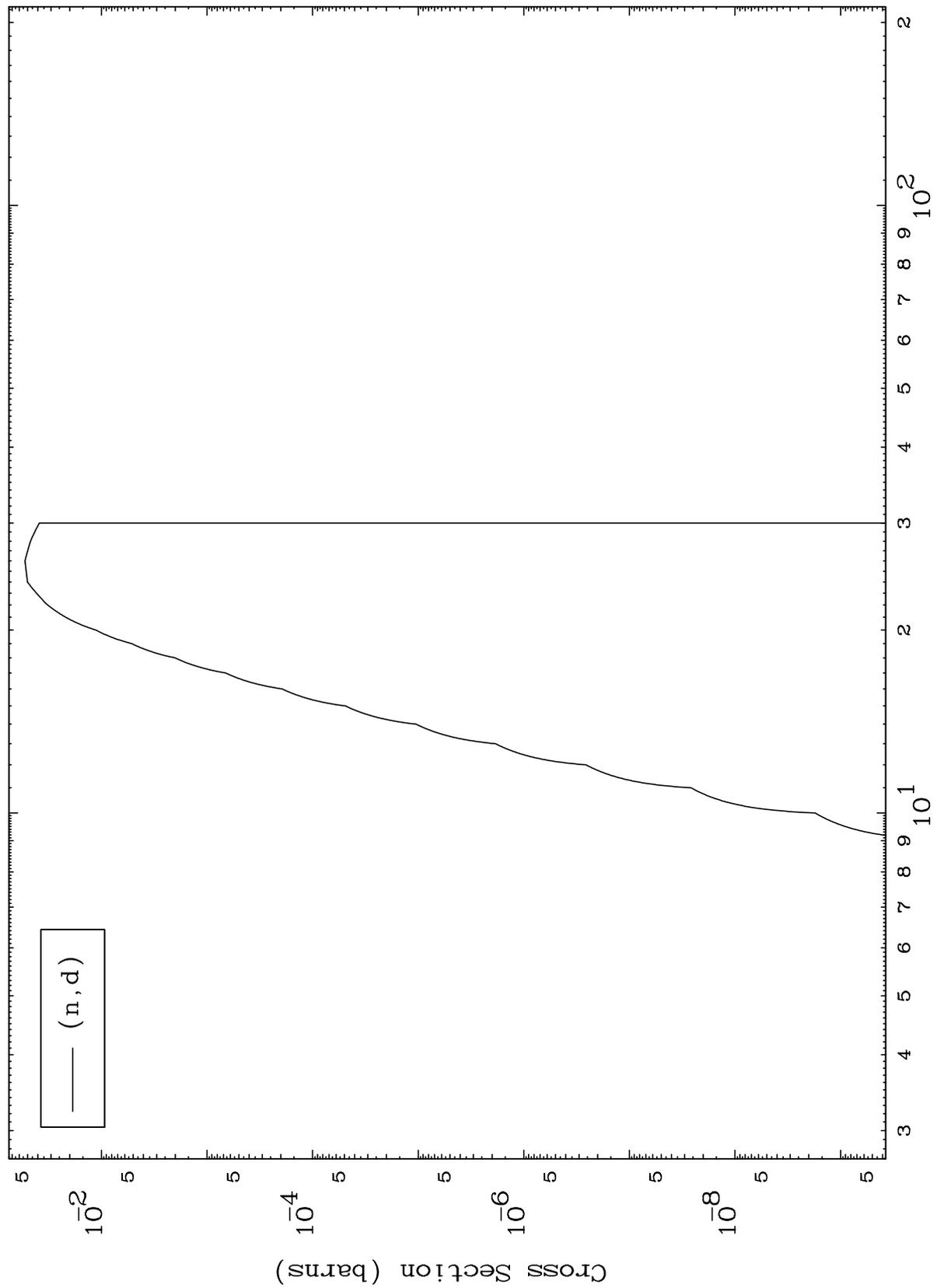


MAT 8286

(He-3,d) Levels

83-Bi-196

0 Kelvin Cross Sections



(n,d)

8

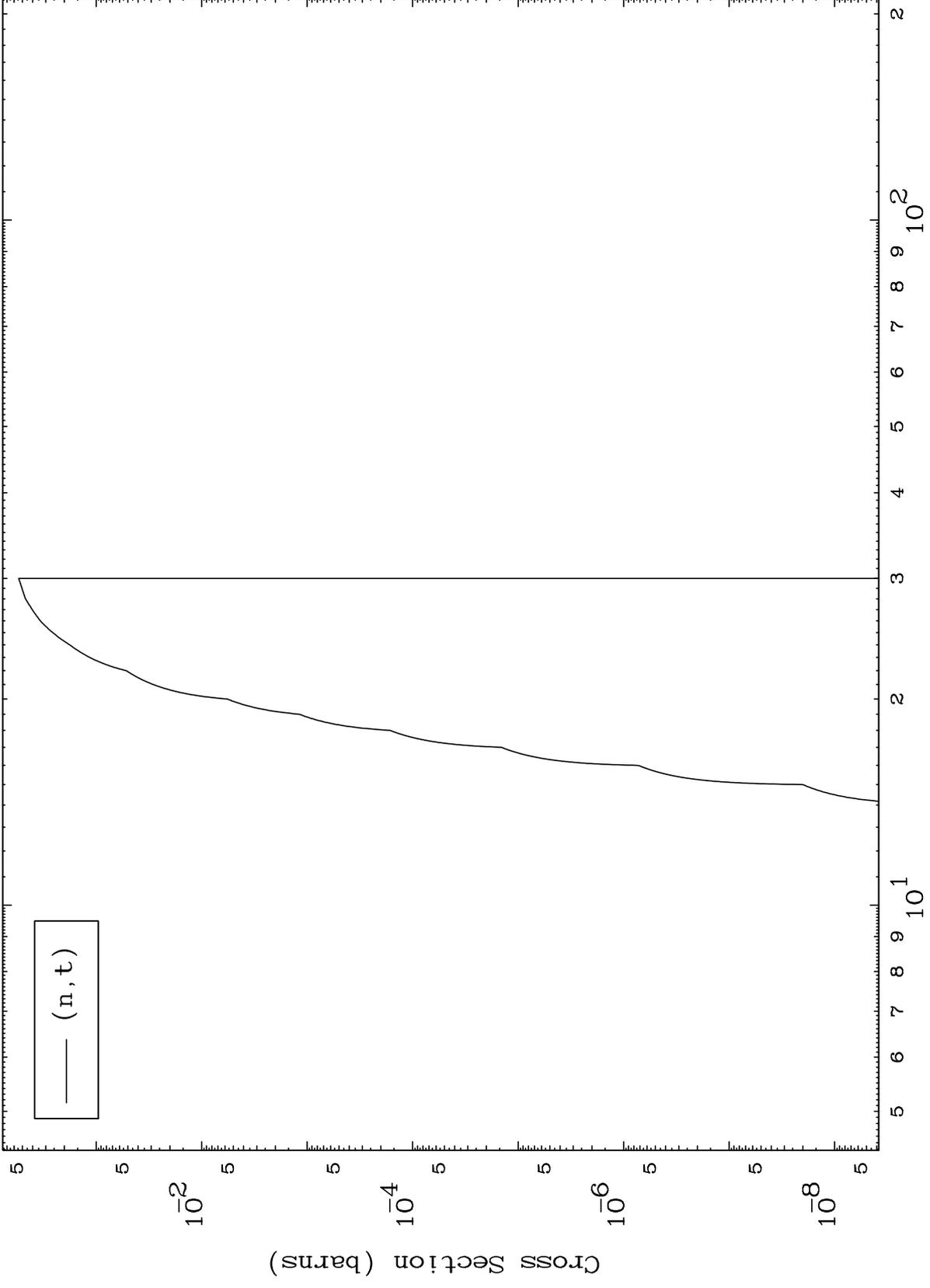
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



9

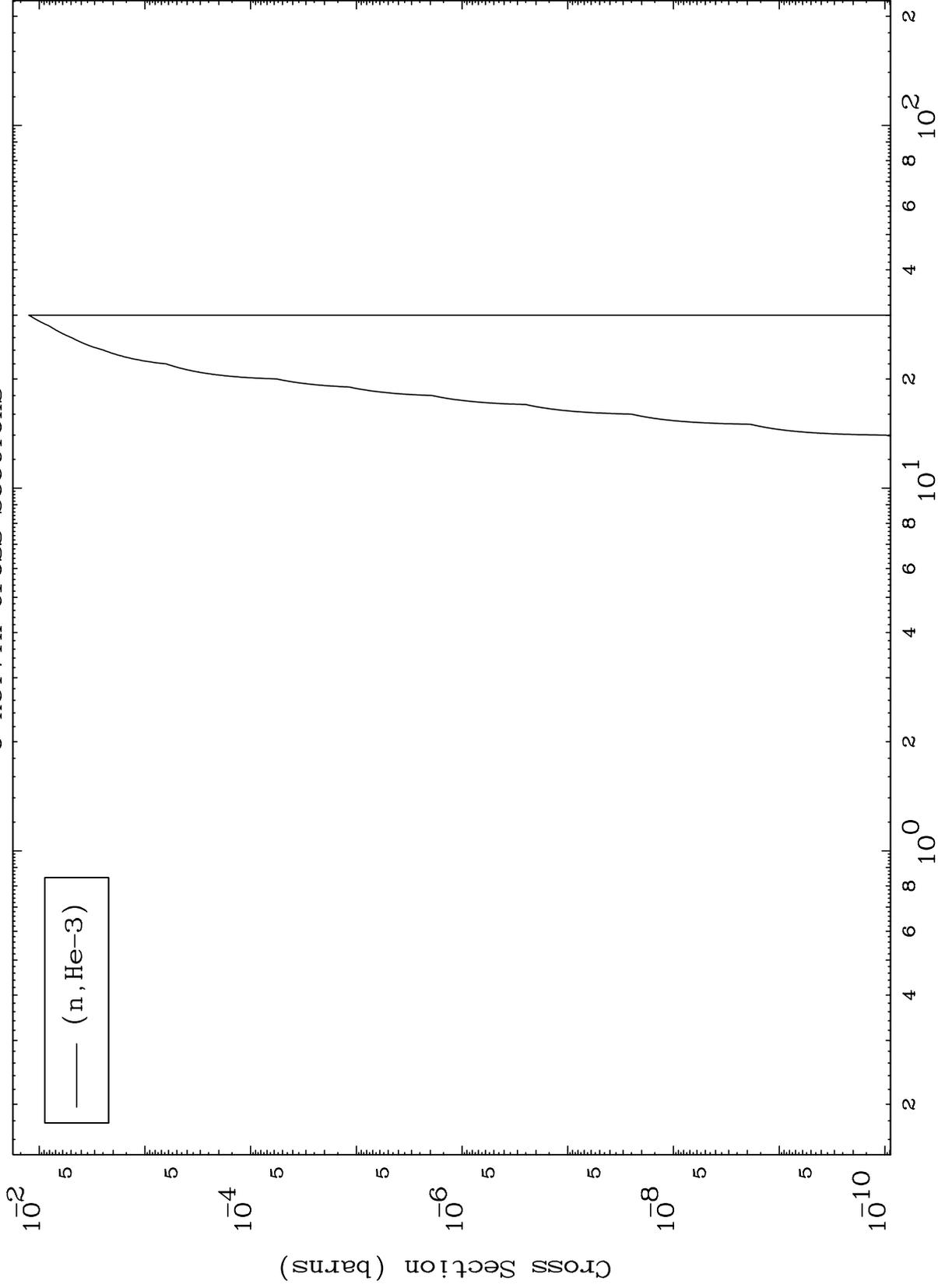
Incident Energy (MeV)

83-Bi-196

MAT 8286

(He-3, He3) Levels
0 Kelvin Cross Sections

83-Bi-196



10

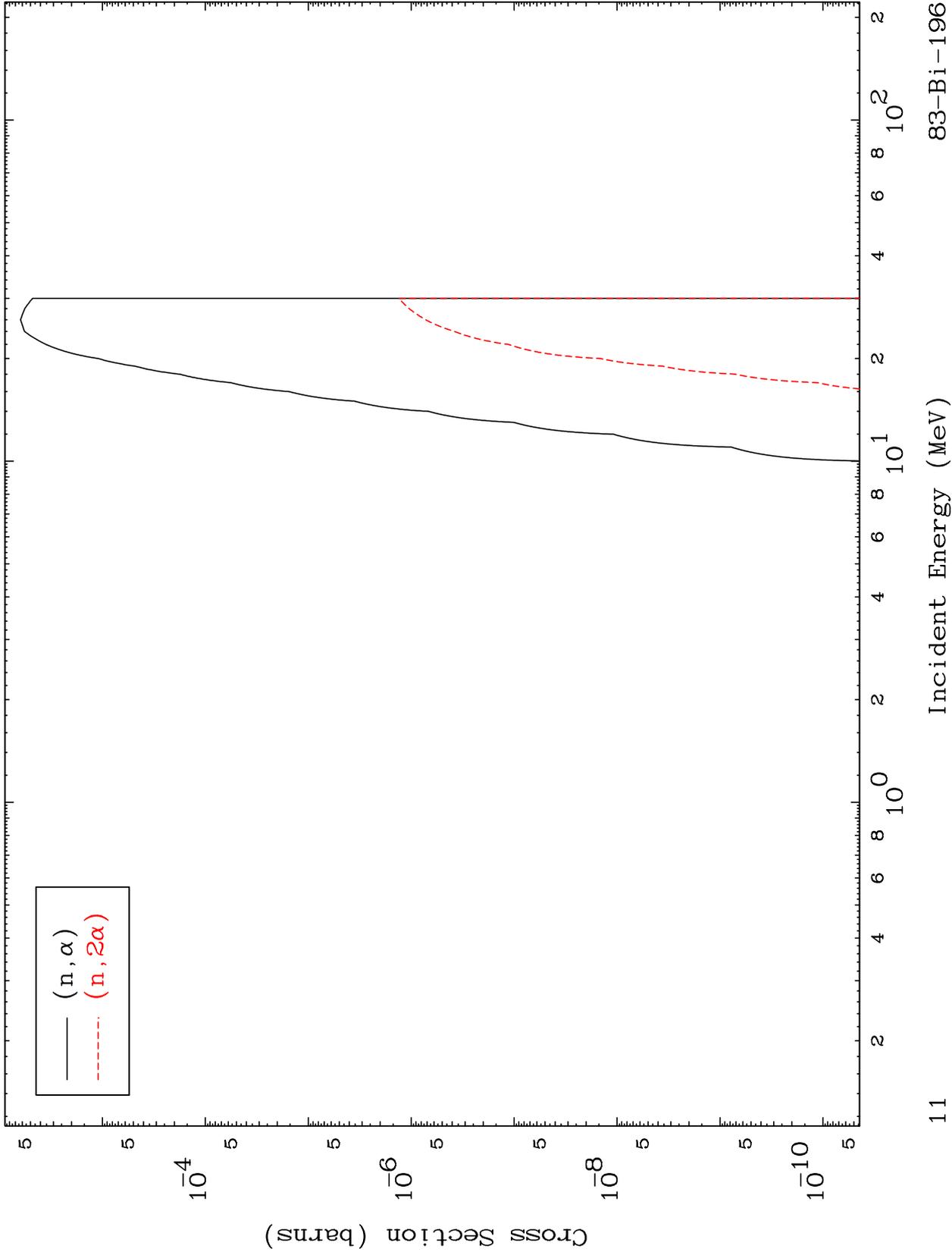
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196

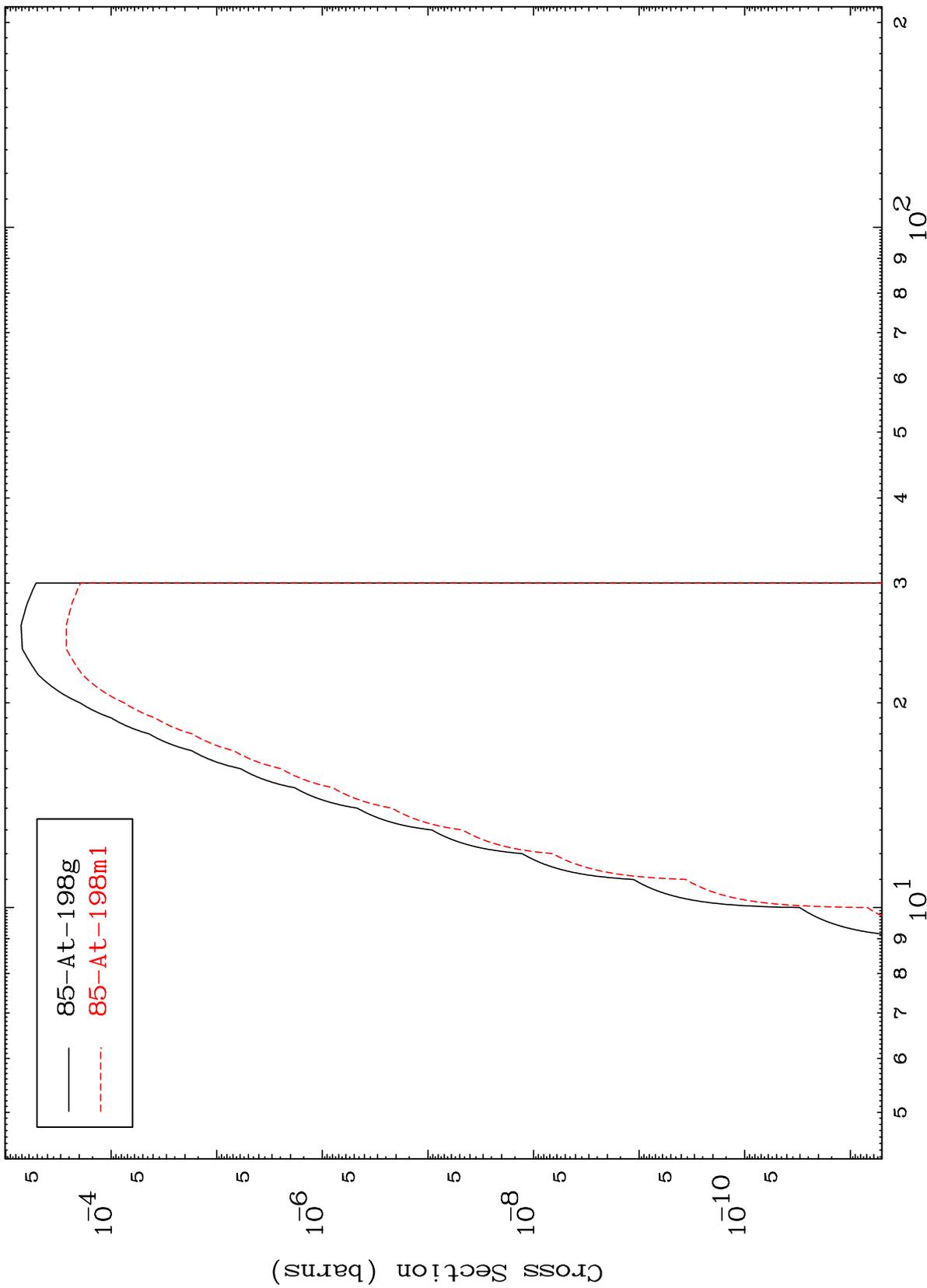


83-Bi-196

MAT 8286

83-Bi-196

Inelastic
Radionuclide Production Cross Section



83-Bi-196

Incident Energy (MeV)

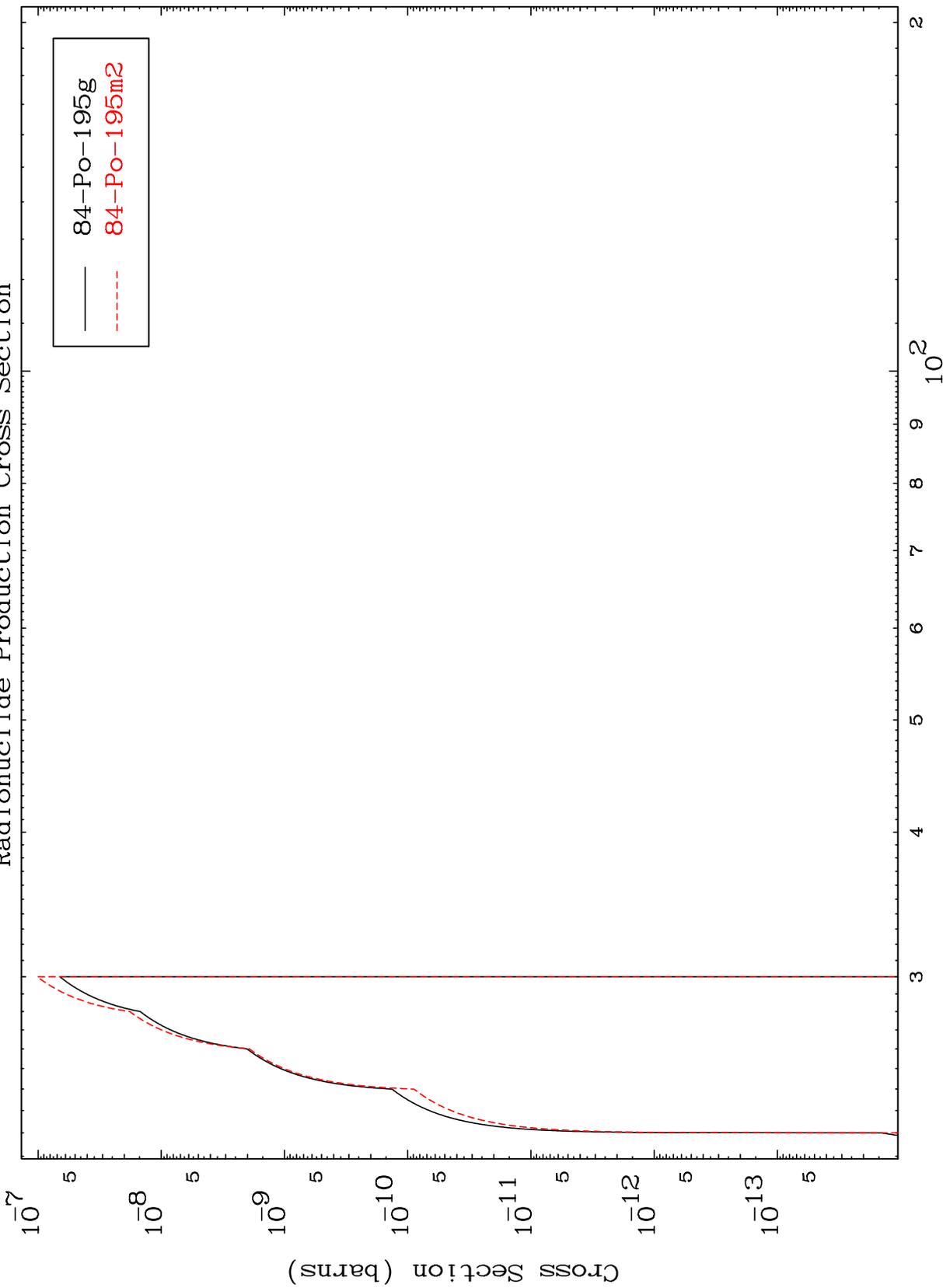
12

MAT 8286

(n,2n) d

83-Bi-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

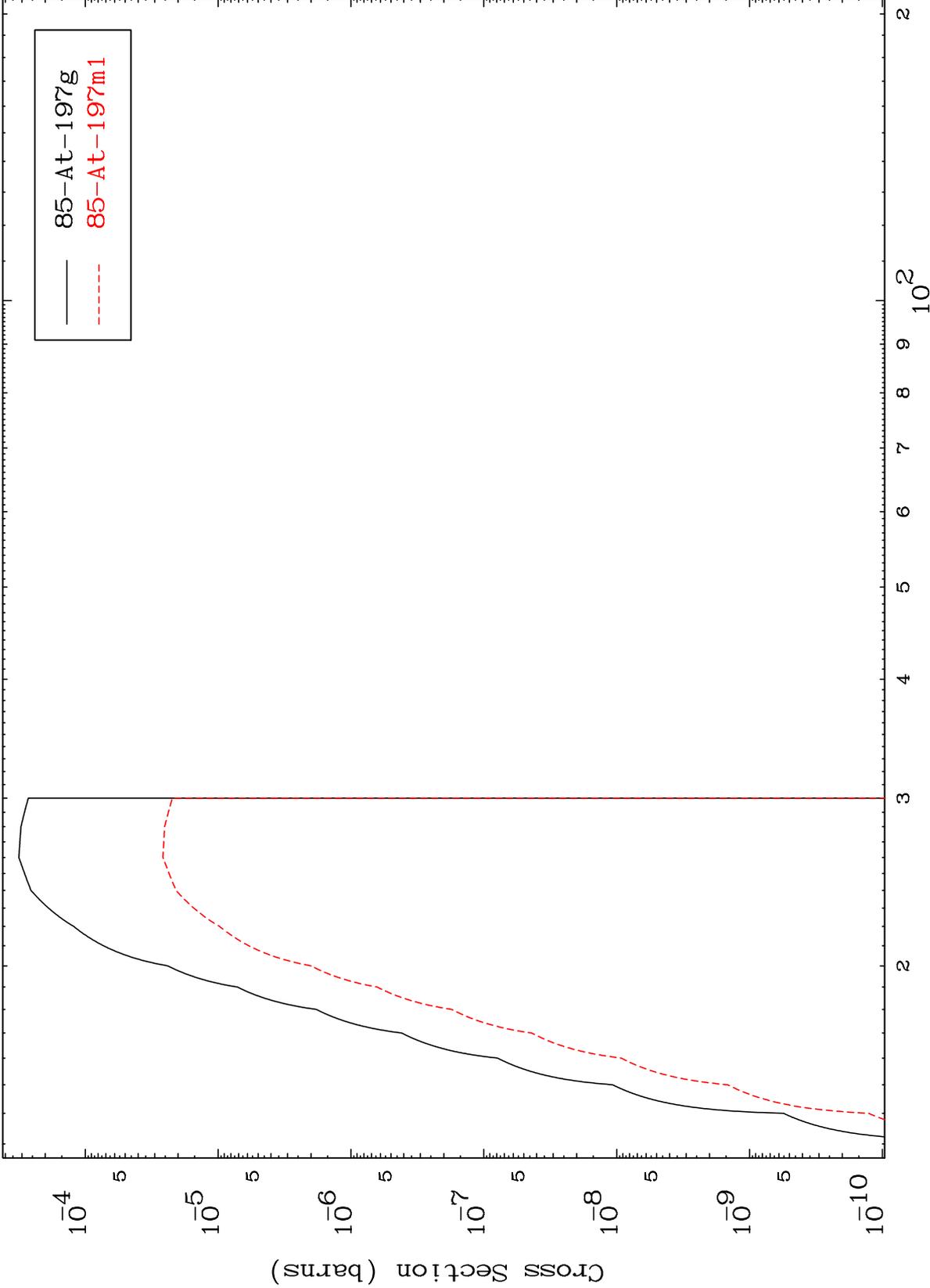
83-Bi-196

MAT 8286

(n,2n)

83-Bi-196

Radionuclide Production Cross Section



85-At-197g
85-At-197m1

14

Incident Energy (MeV)

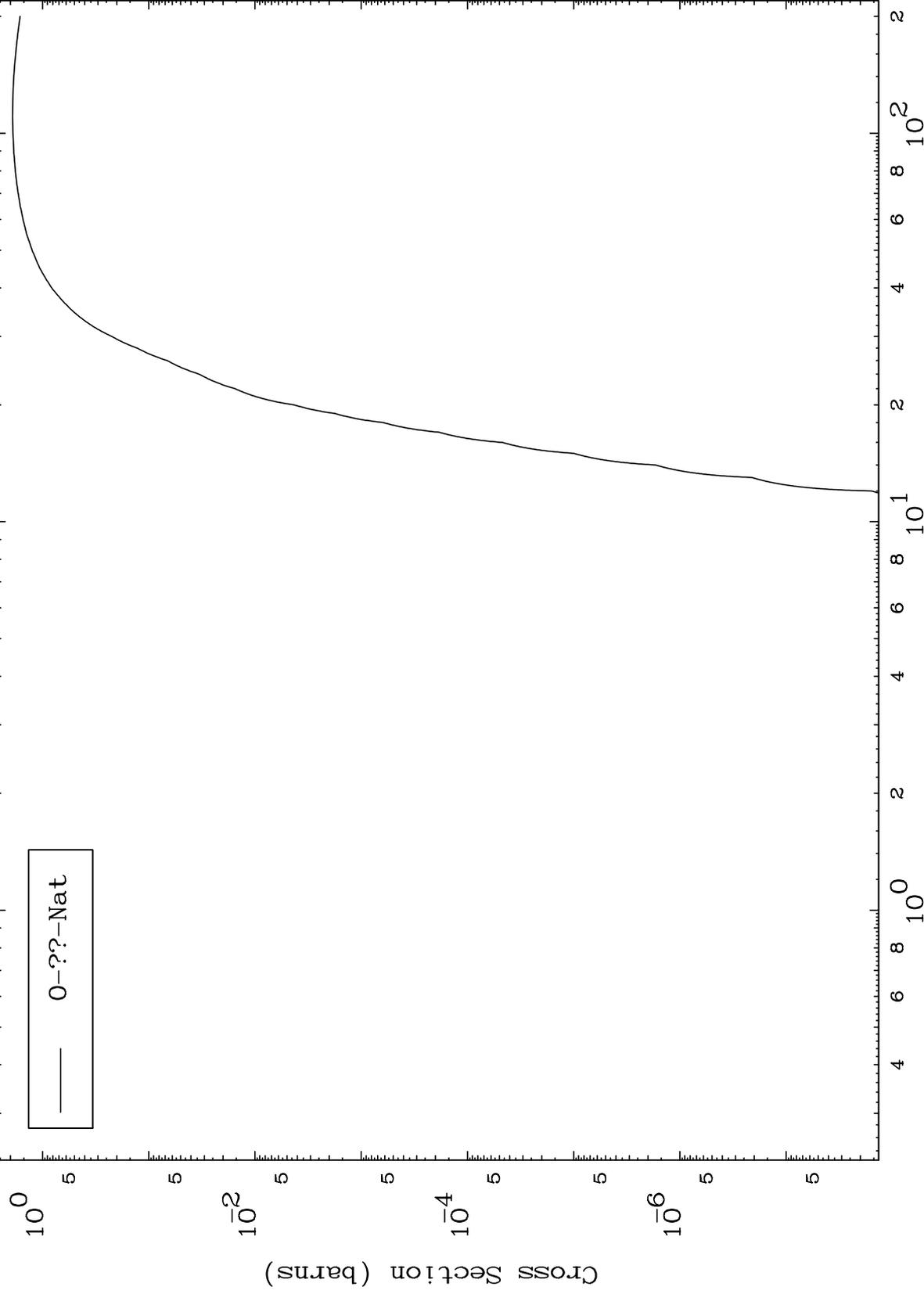
83-Bi-196

MAT 8286

Fission

83-Bi-196

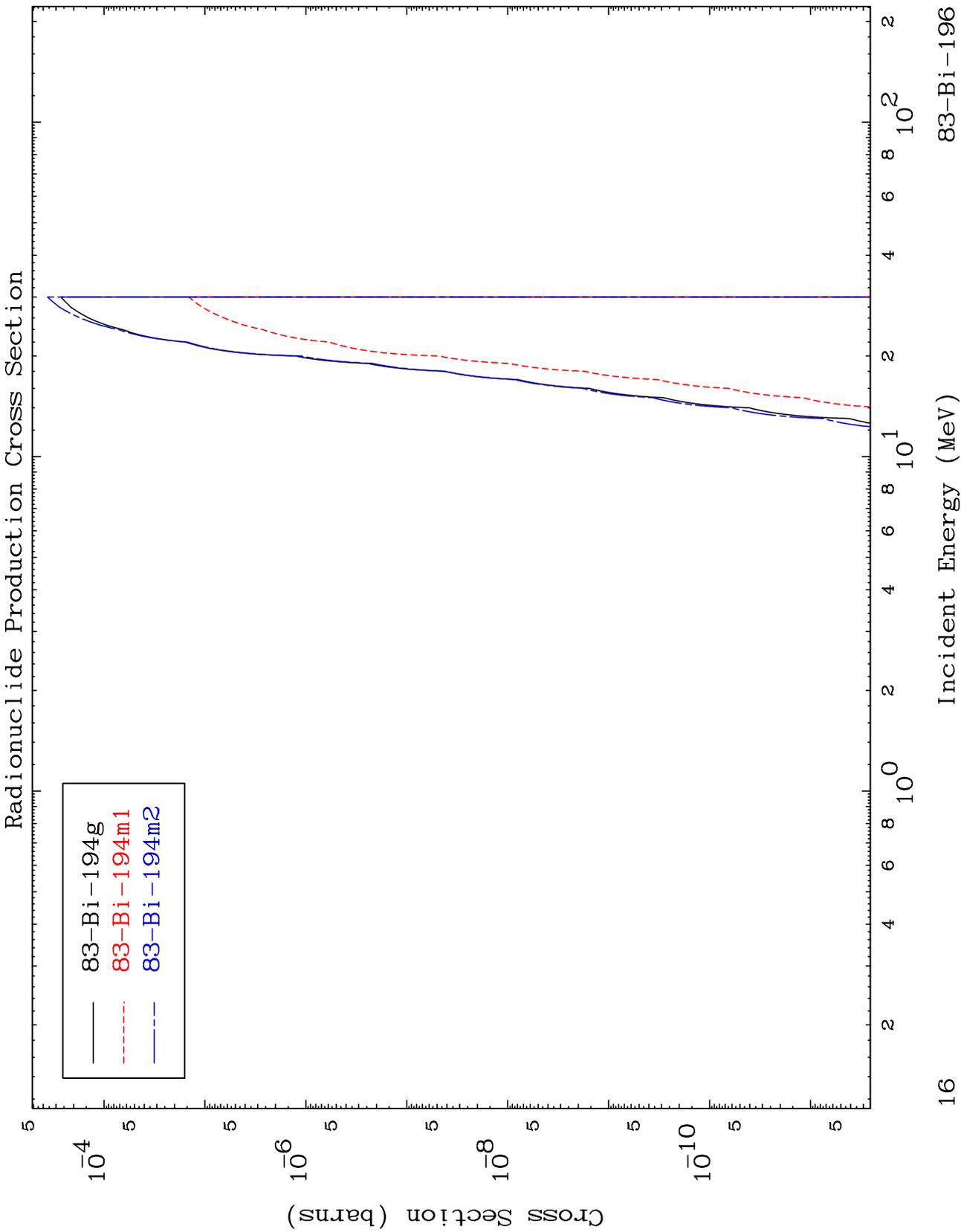
Radionuclide Production Cross Section



MAT 8286

$(n, n') \alpha$

83-Bi-196



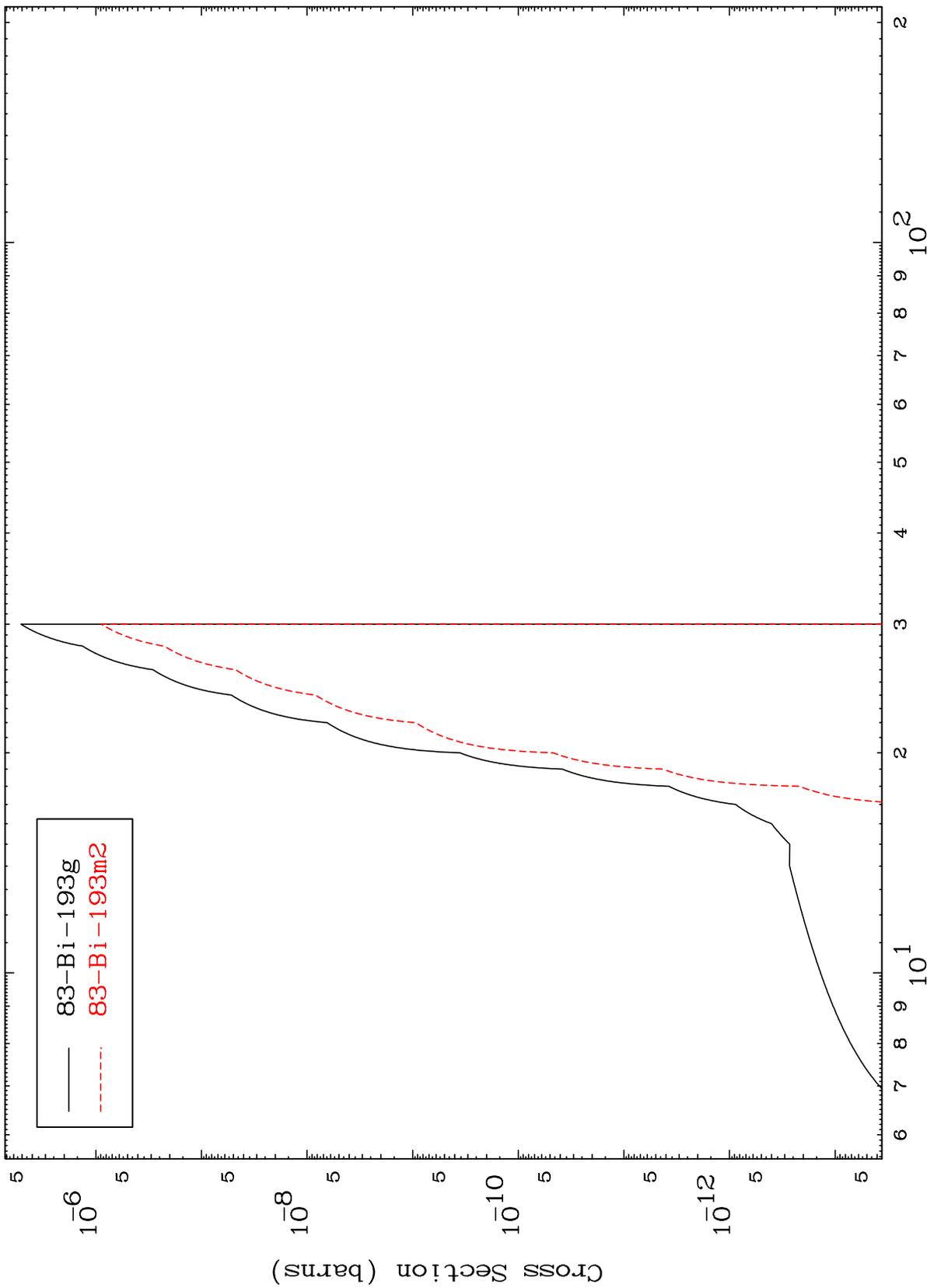
83-Bi-194g
83-Bi-194m1
83-Bi-194m2

MAT 8286

$(n,2n)$ α

83-Bi-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

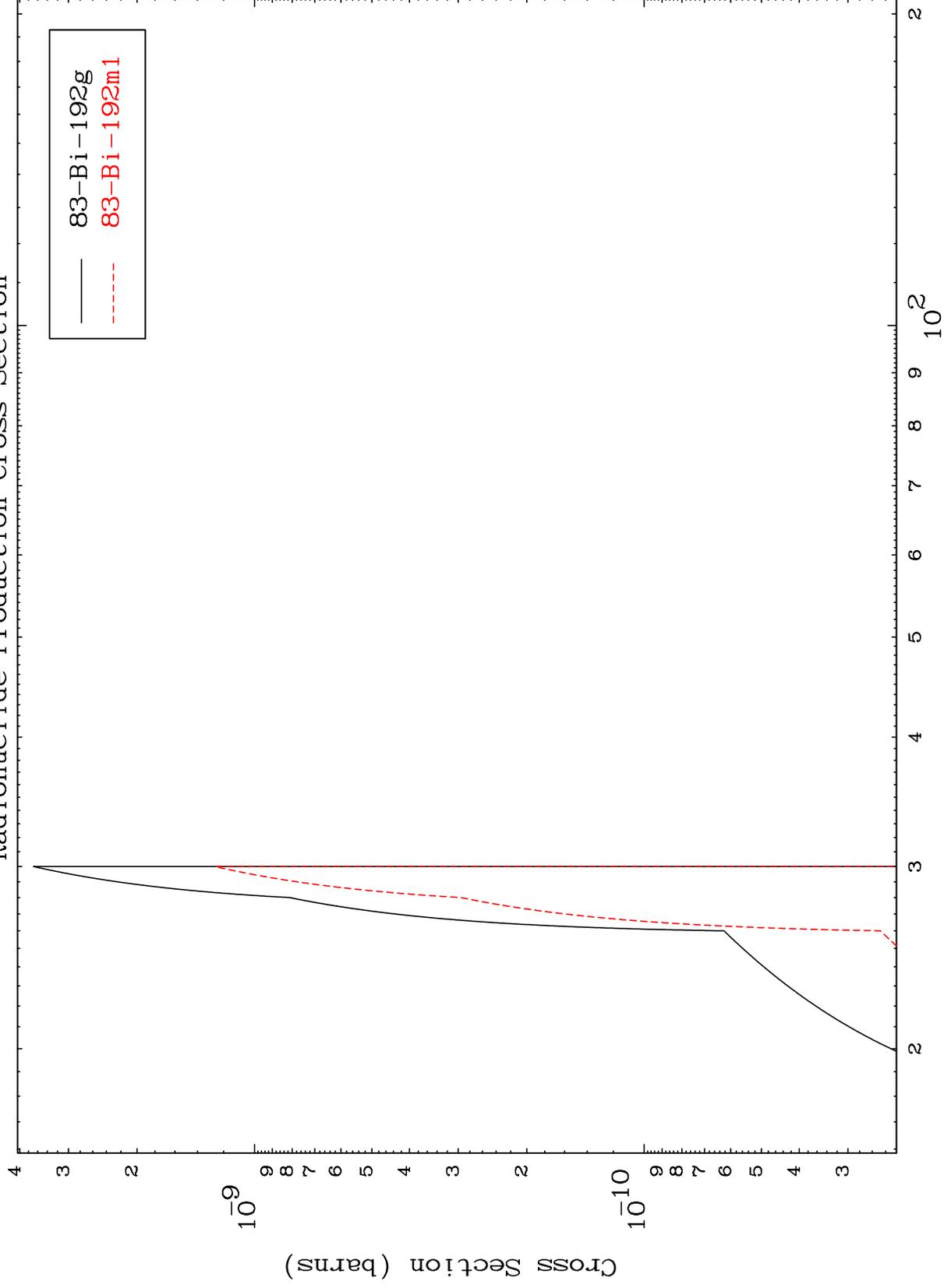
83-Bi-196

MAT 8286

$(n,3n) \alpha$

$^{83}\text{Bi}-196$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

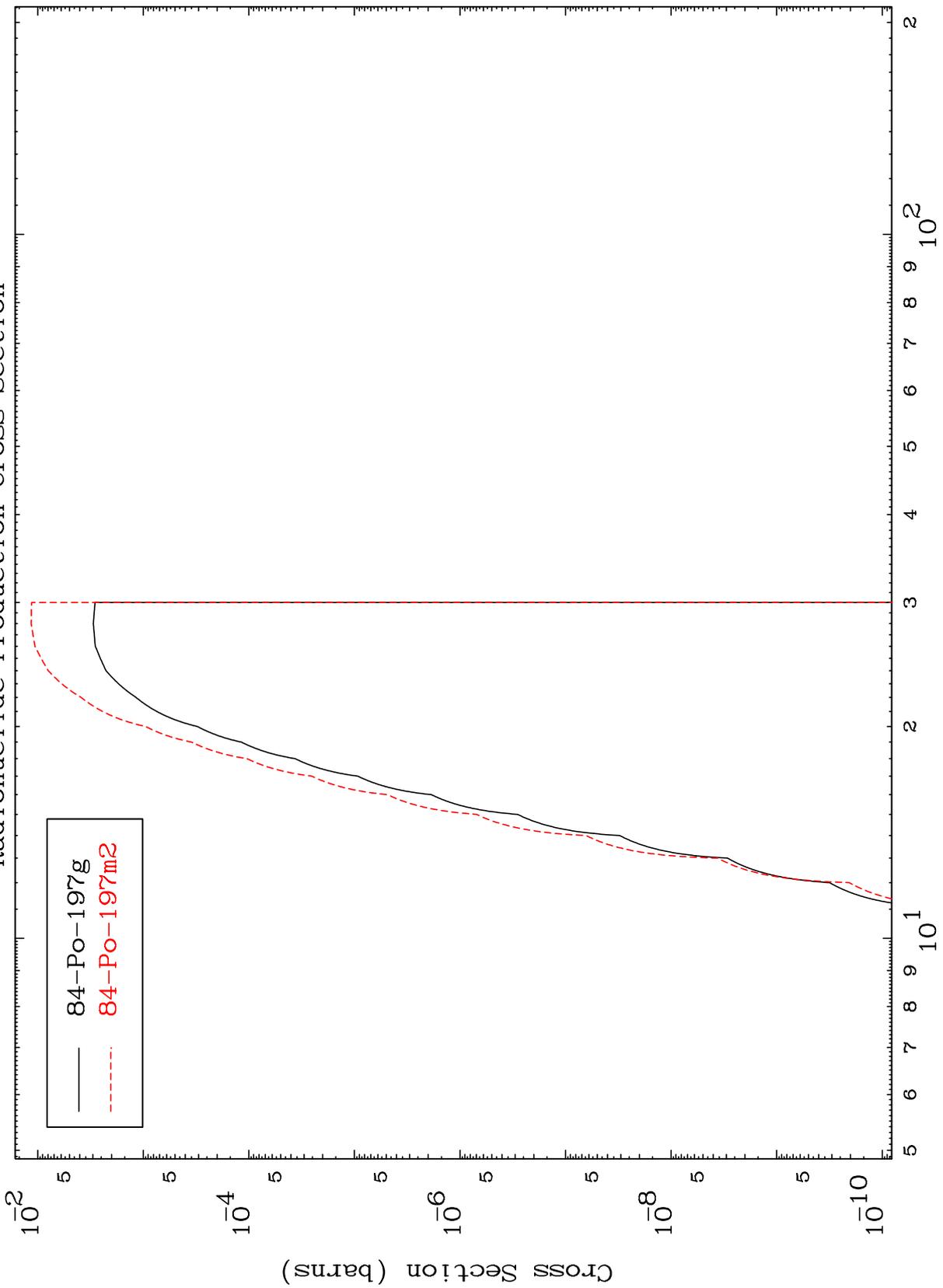
$^{83}\text{Bi}-196$

MAT 8286

(n,n') p

83-Bi-196

Radionuclide Production Cross Section



19

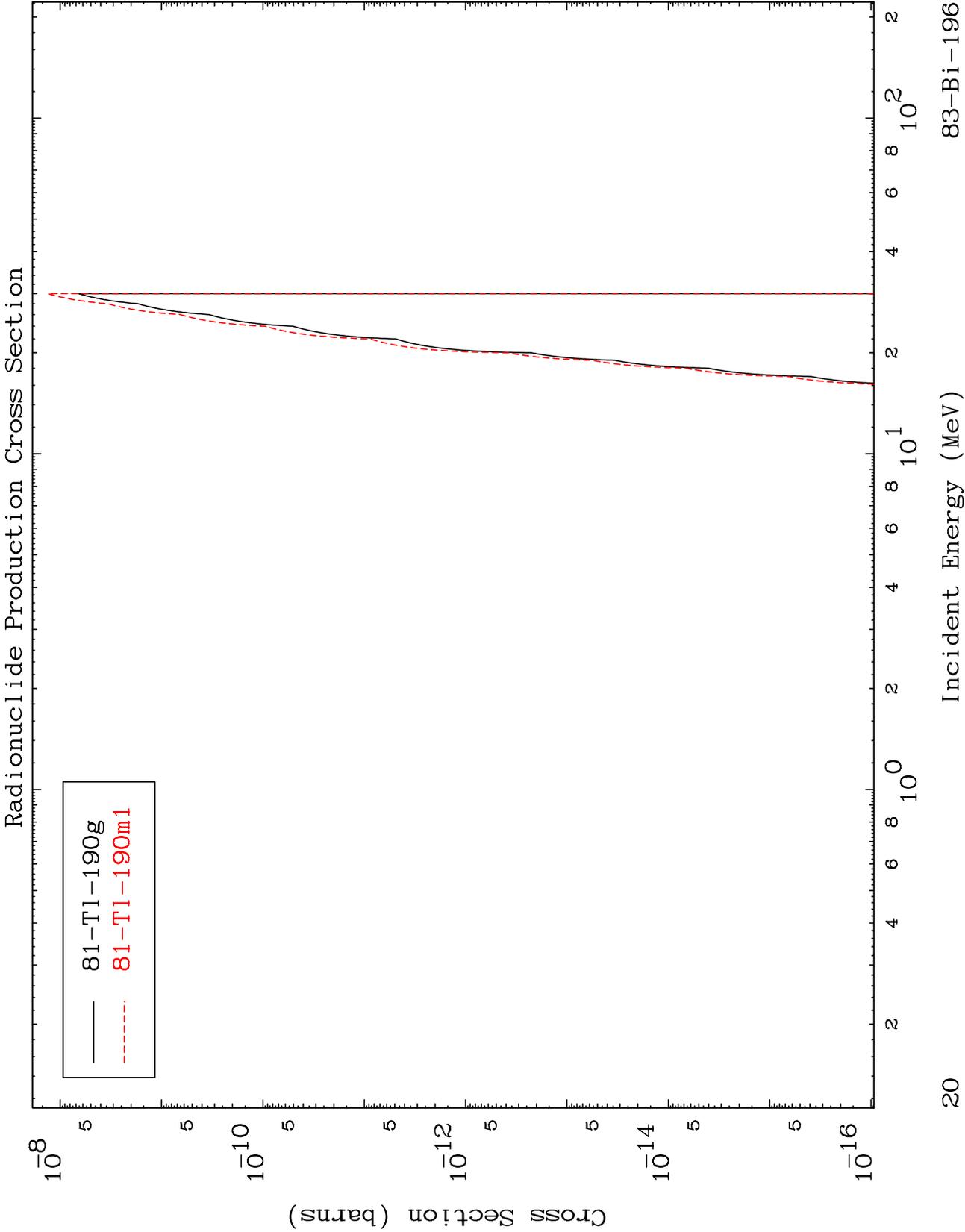
Incident Energy (MeV)

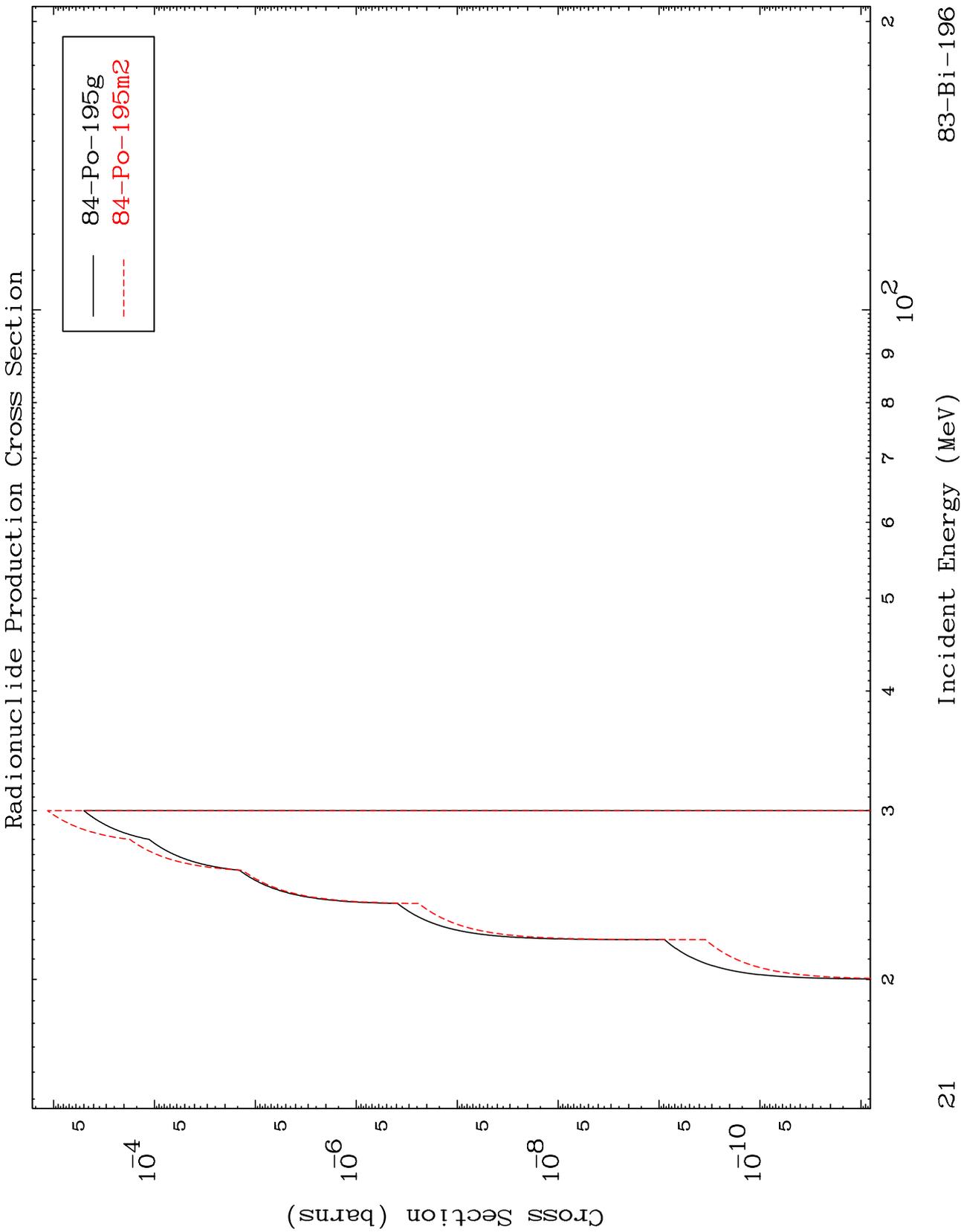
83-Bi-196

MAT 8286

(n,n') 2 α

83-Bi-196



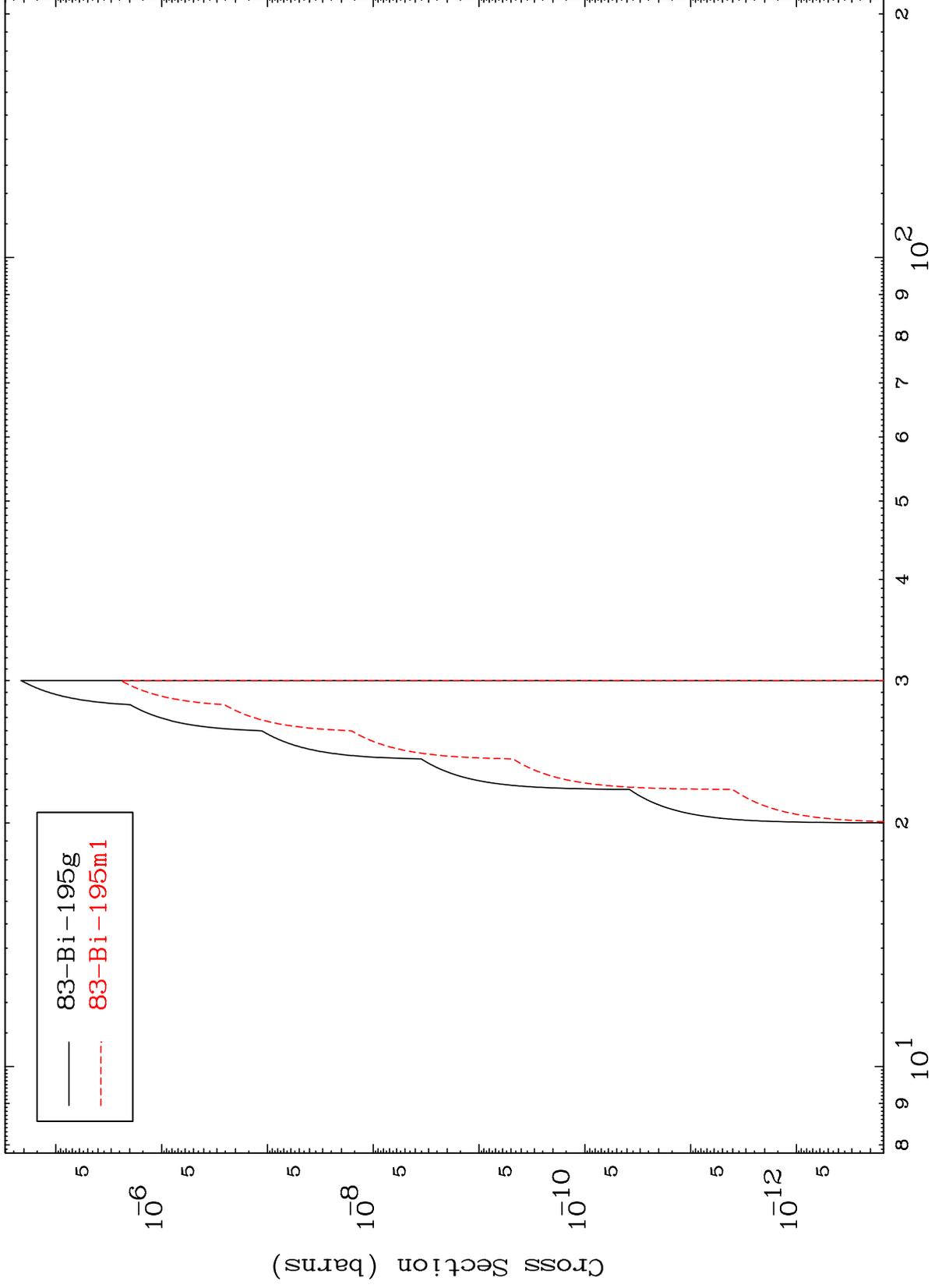


MAT 8286

(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

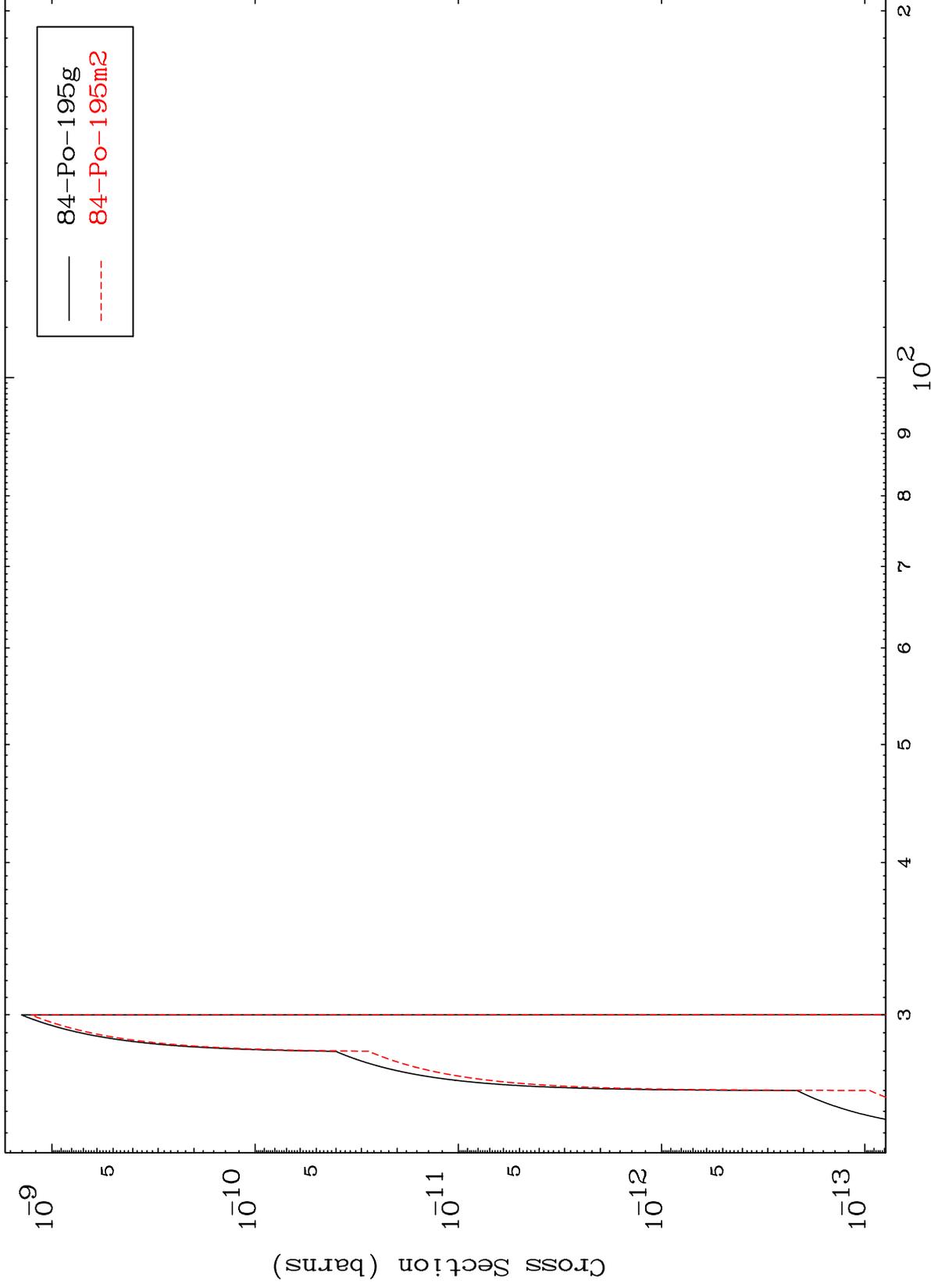
83-Bi-196

MAT 8286

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

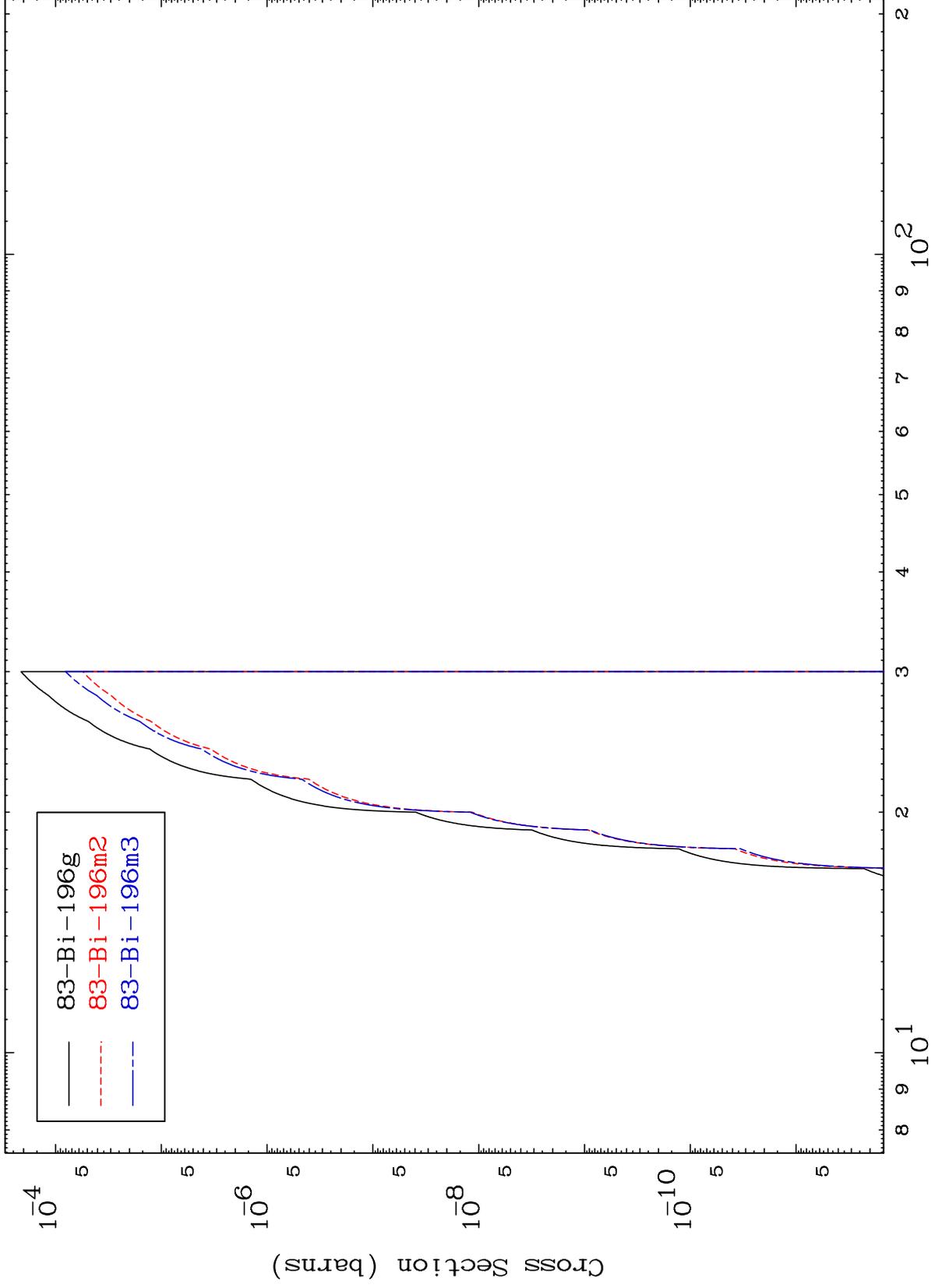
83-Bi-196

MAT 8286

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

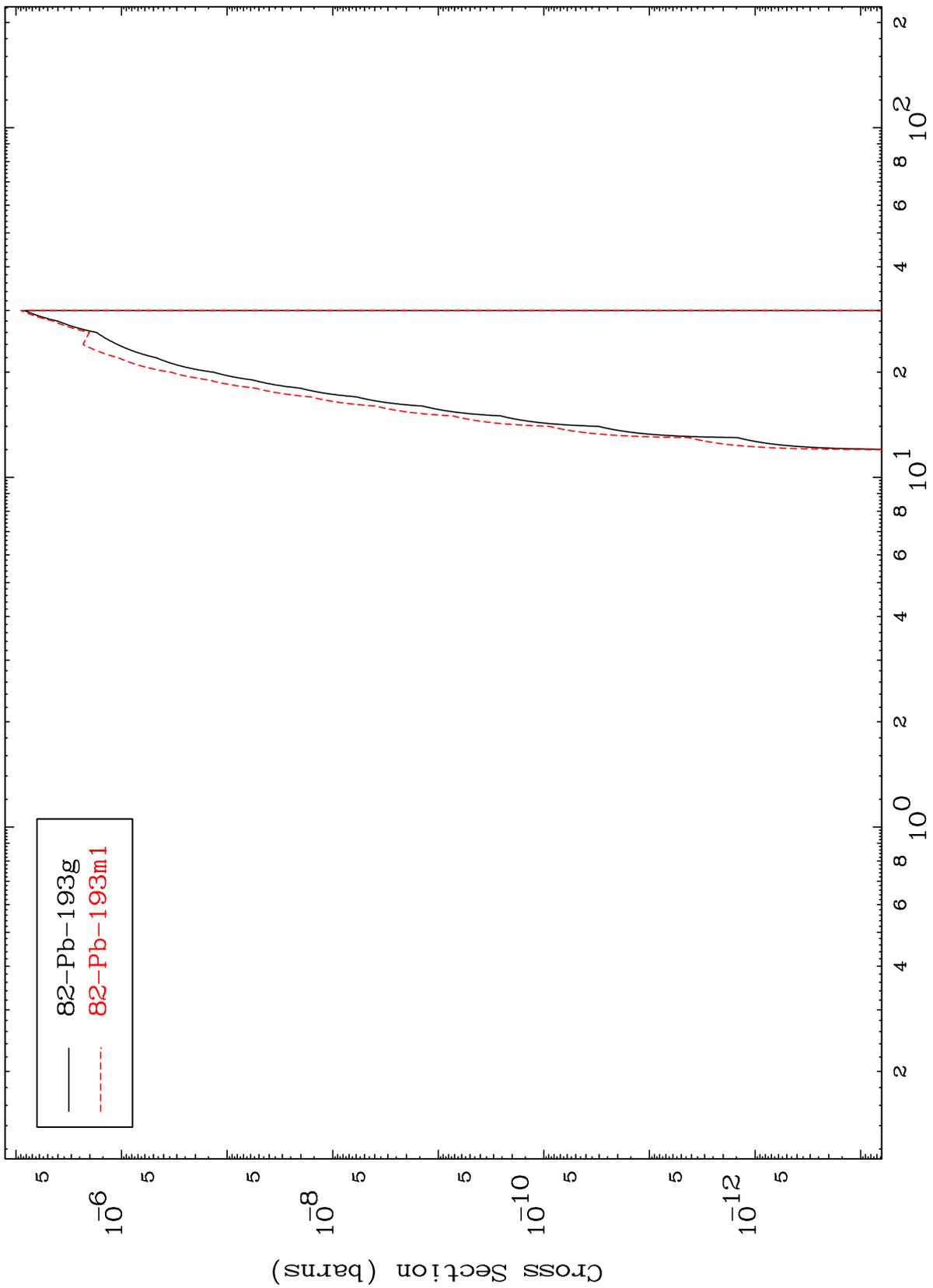
83-Bi-196

MAT 8286

(n,n') p α

83-Bi-196

Radionuclide Production Cross Section



25

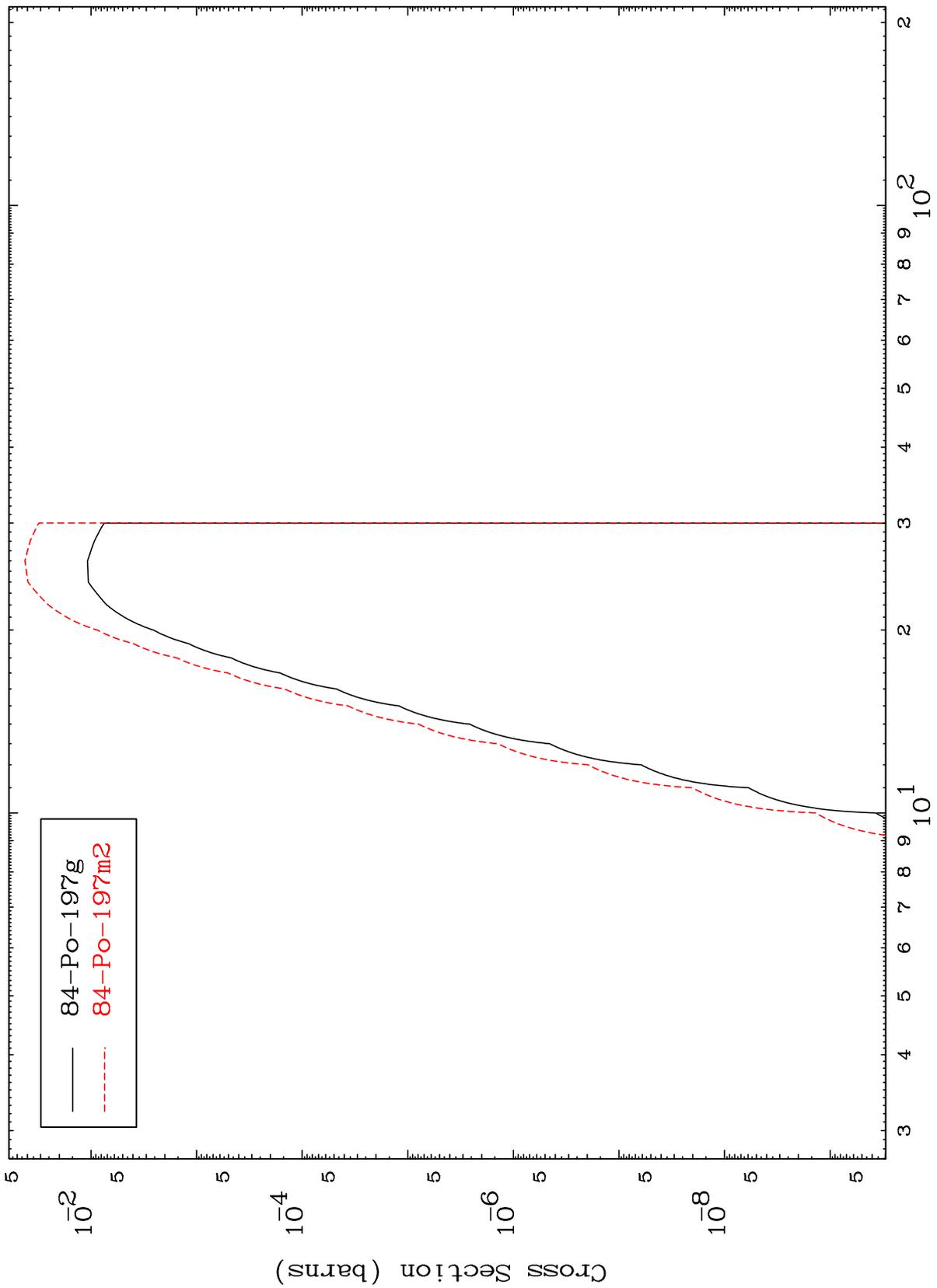
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n,d)
Radionuclide Production Cross Section



26

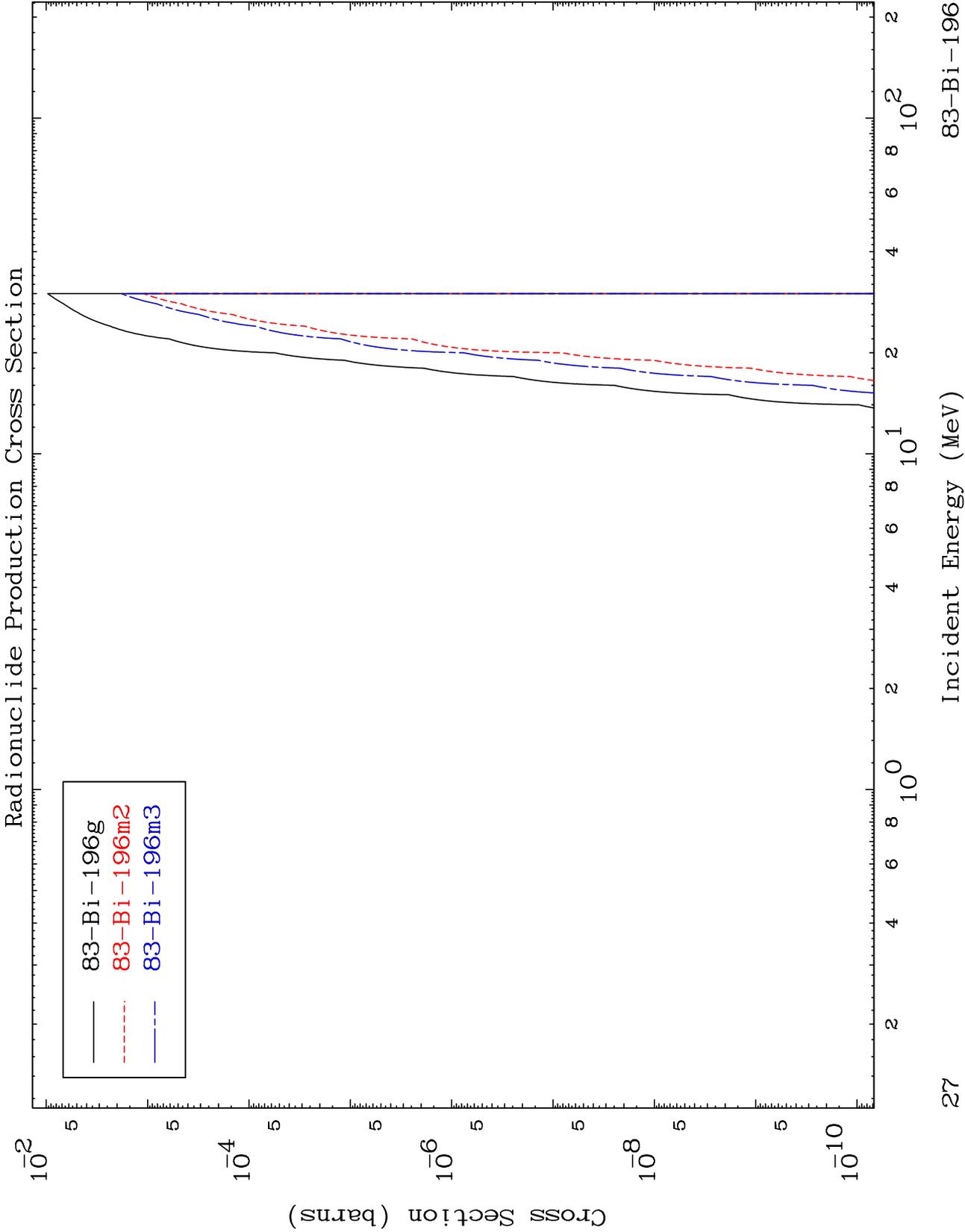
83-Bi-196

Incident Energy (MeV)

MAT 8286

(n,He-3)

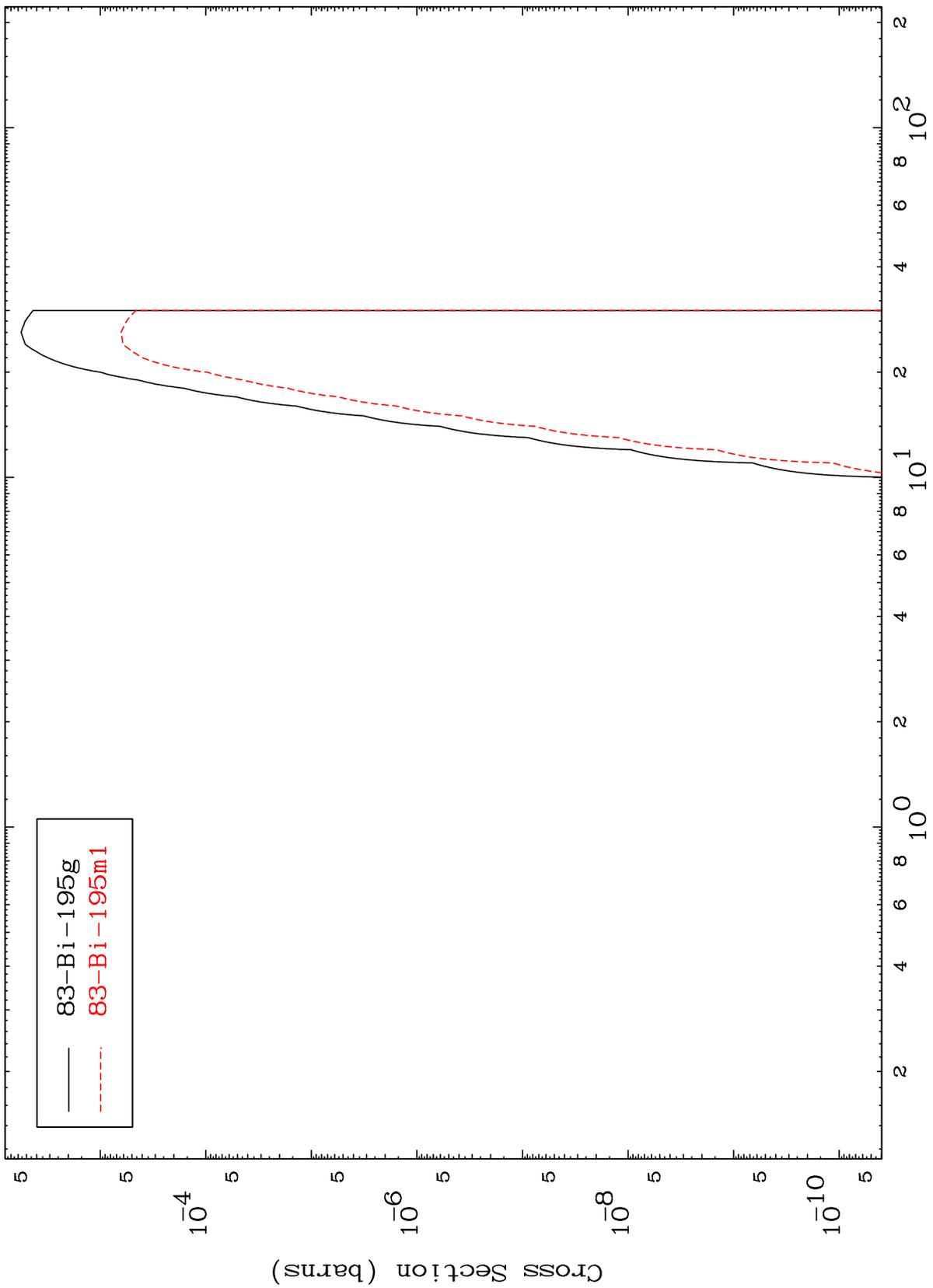
83-Bi-196



MAT 8286

83-Bi-196

(n, α)
Radionuclide Production Cross Section



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

83-Bi-196

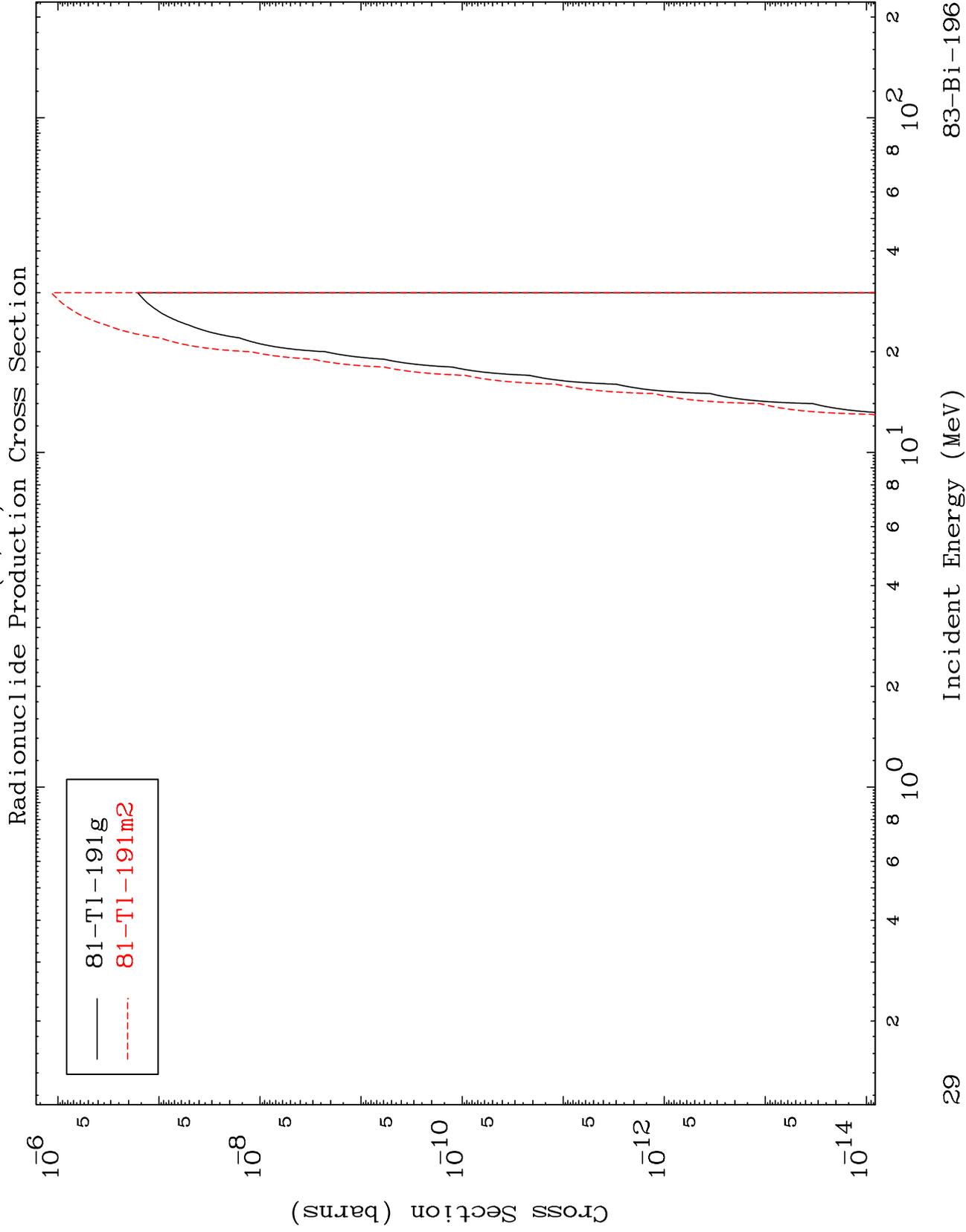
Incident Energy (MeV)

28

MAT 8286

(n,2α)

83-Bi-196

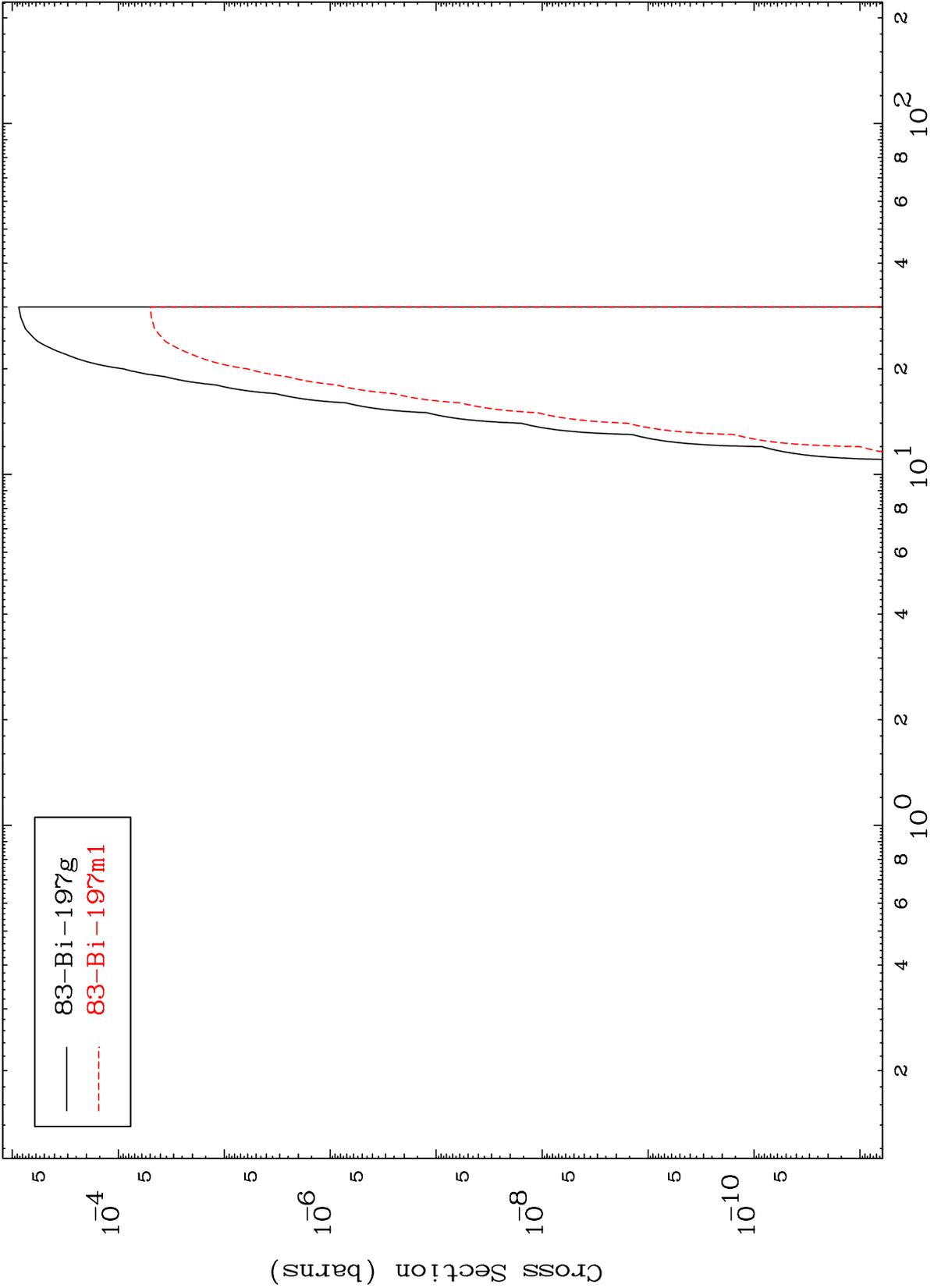


MAT 8286

(n,2p)

83-Bi-196

Radionuclide Production Cross Section



83-Bi-197g
83-Bi-197m1

30

Incident Energy (MeV)

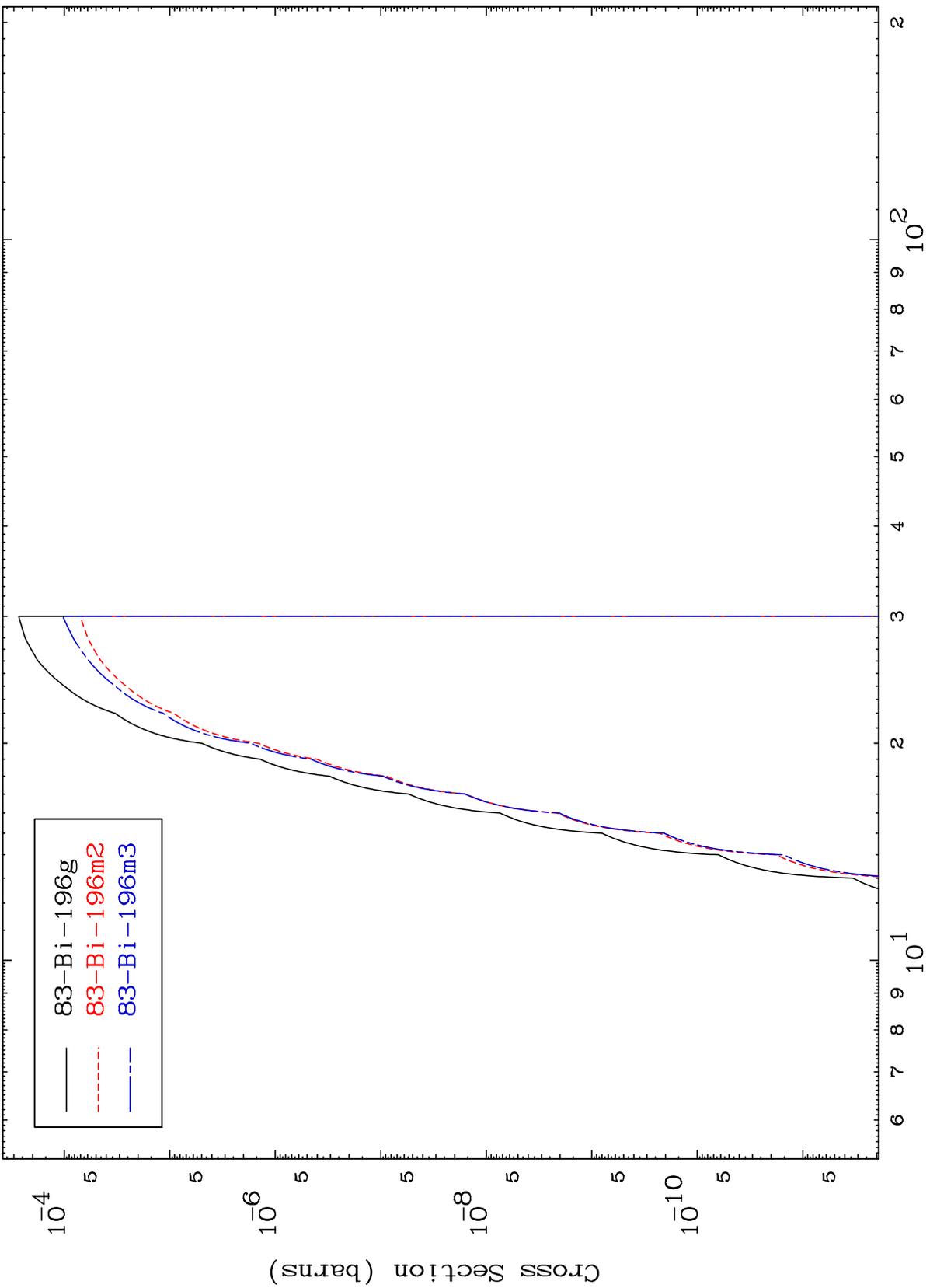
83-Bi-196

MAT 8286

(n,p) d

83-Bi-196

Radionuclide Production Cross Section



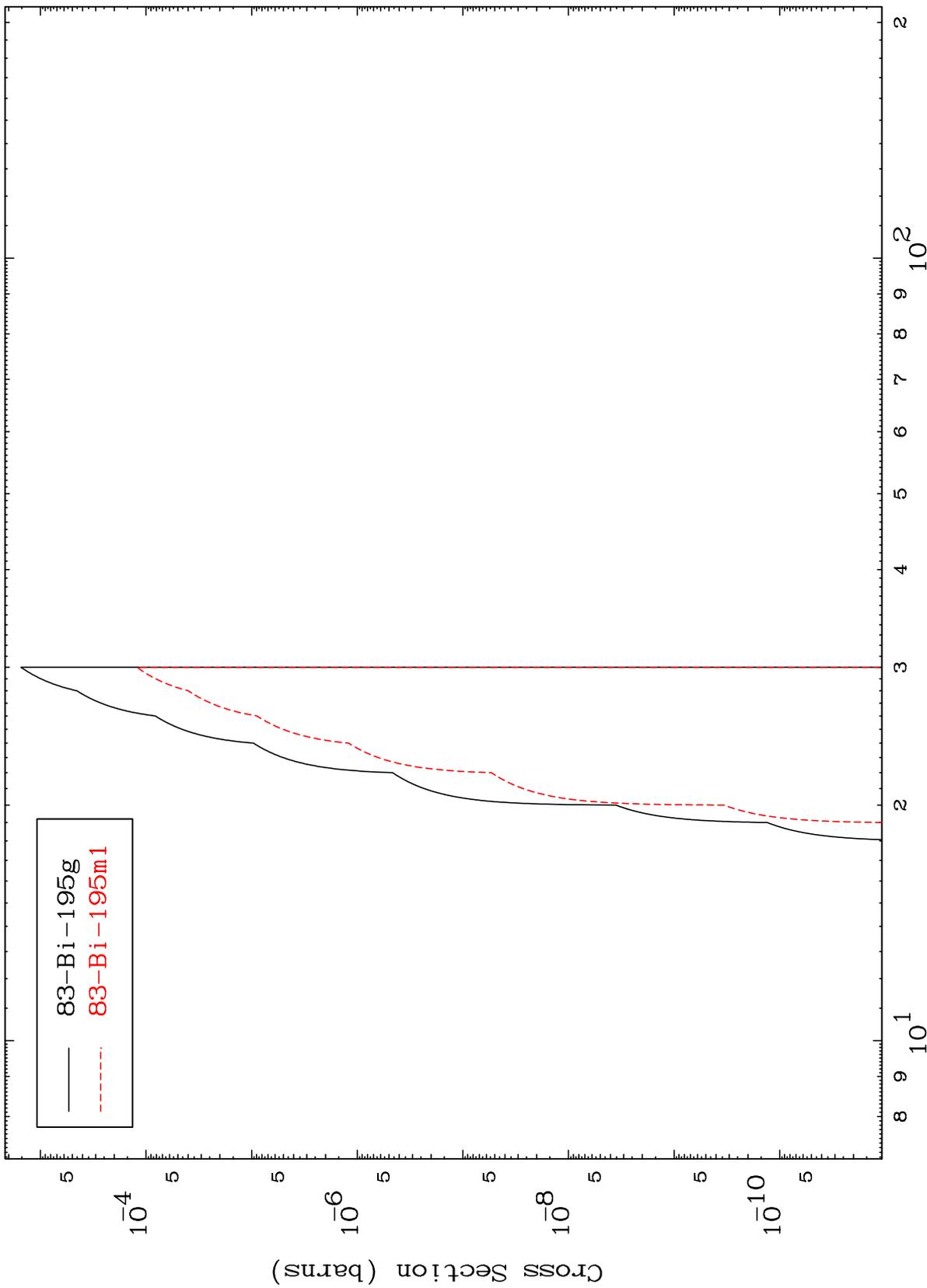
83-Bi-196g
83-Bi-196m2
83-Bi-196m3

MAT 8286

(n,p) t

83-Bi-196

Radionuclide Production Cross Section



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

MAT 8286

(n,d) α

83-Bi-196

Radionuclide Production Cross Section

