

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

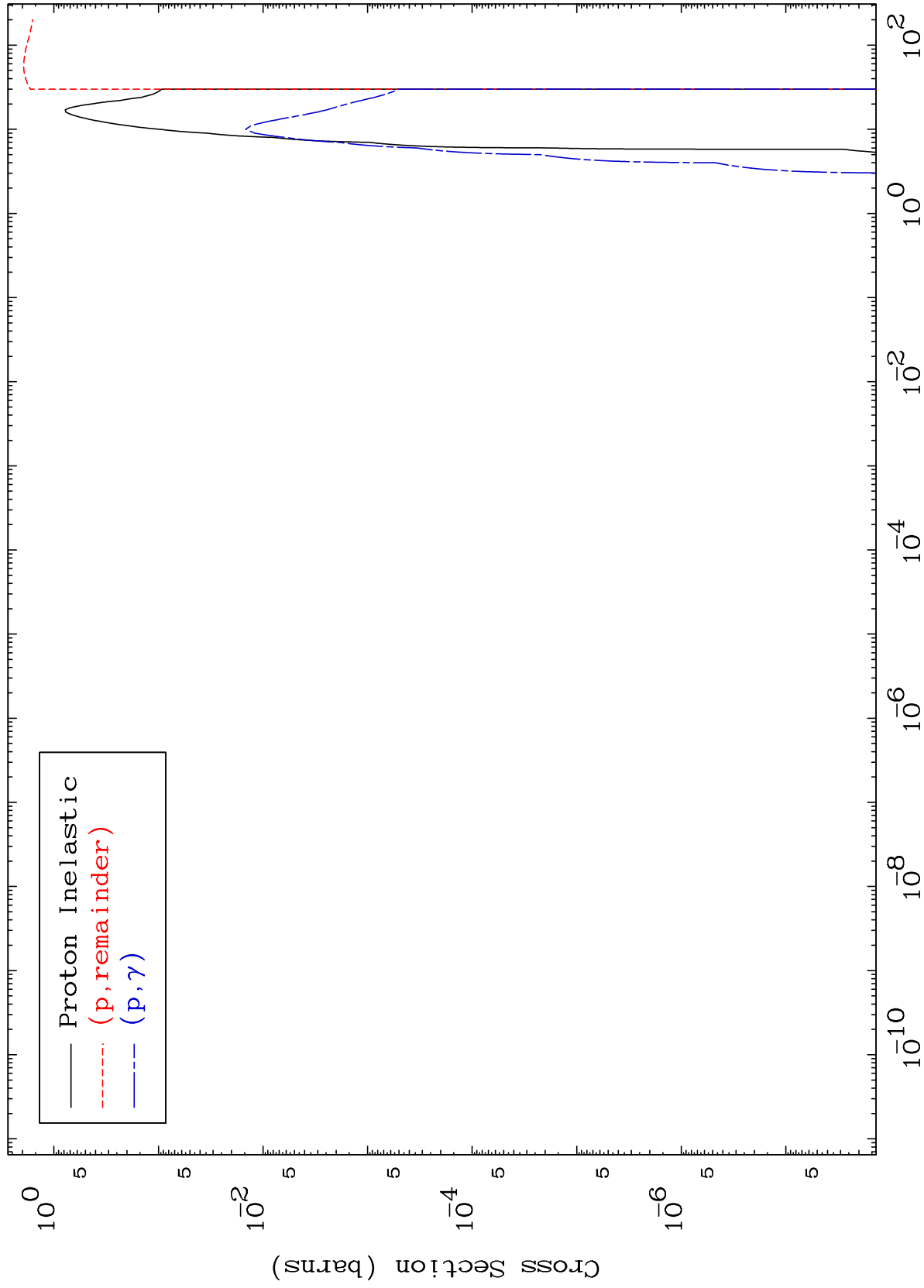
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Web: redcullen1.net/HOMEPAGE.NEW

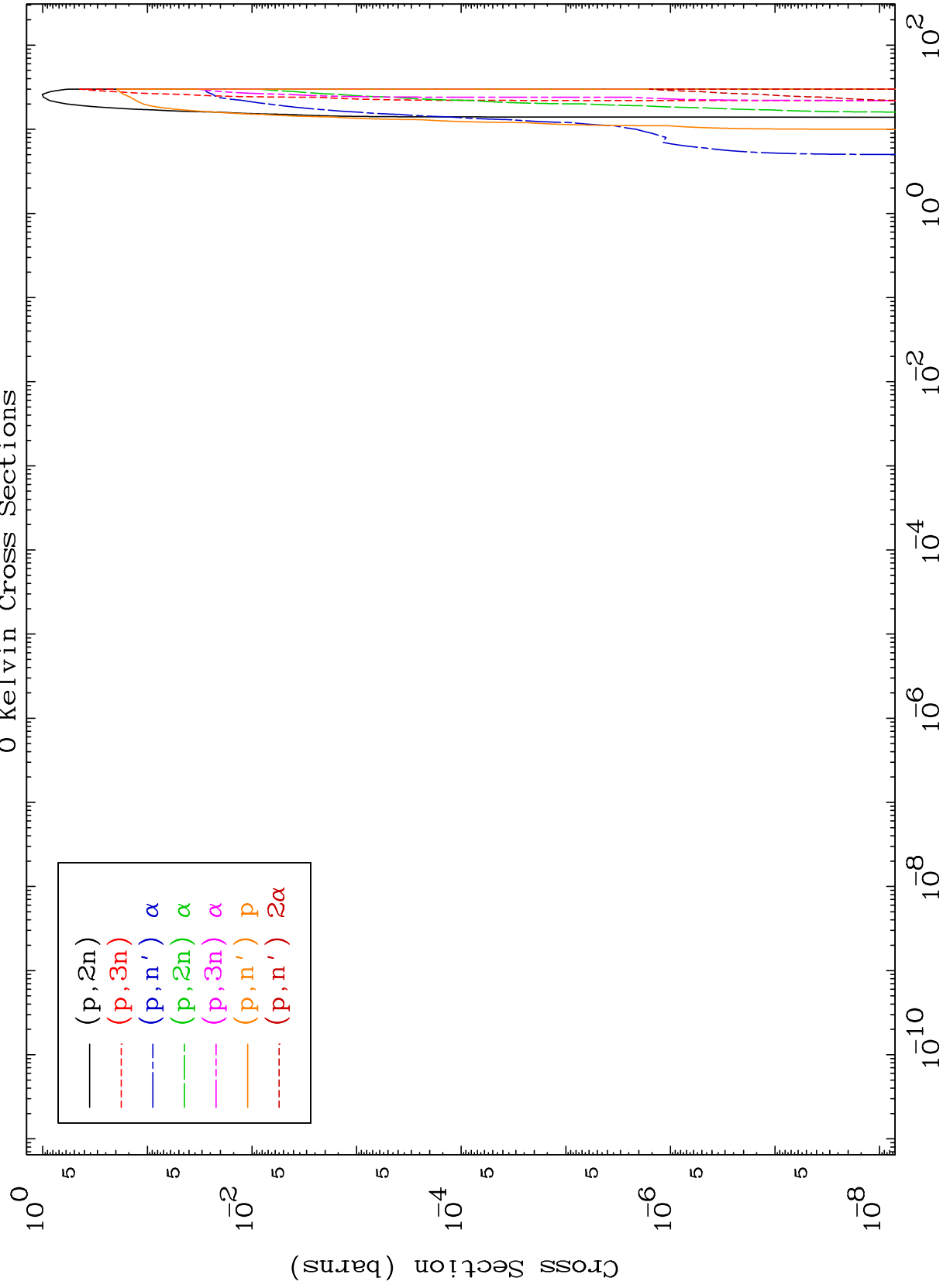
Press Mouse Button to Start



MAT 8294

Proton Neutron Production
0 Kelvin Cross Sections

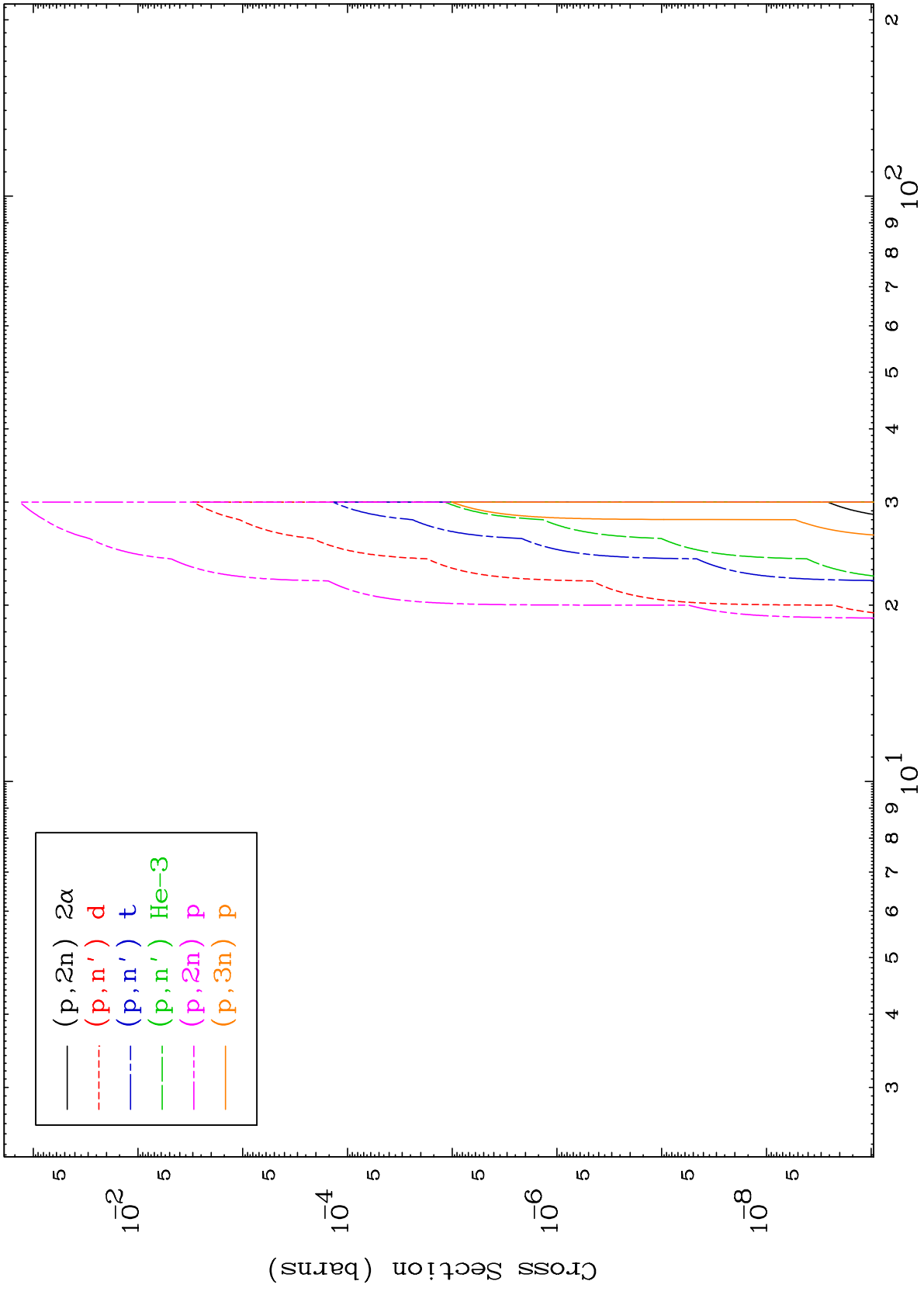
83-Bi-198



2

Incident Energy (MeV)

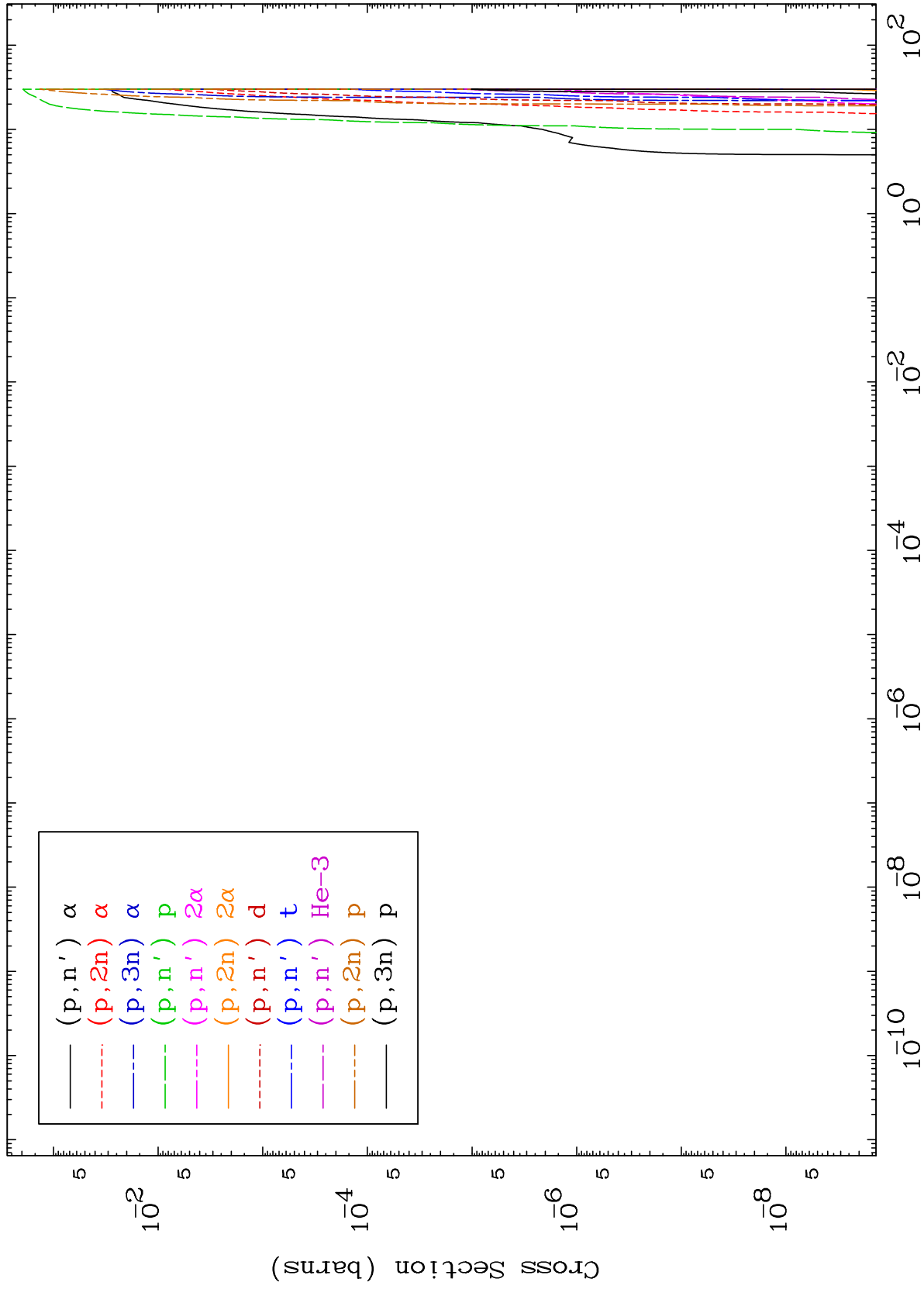
83-Bi-198



MAT 8294

Proton Charged Particle
0 Kelvin Cross Sections

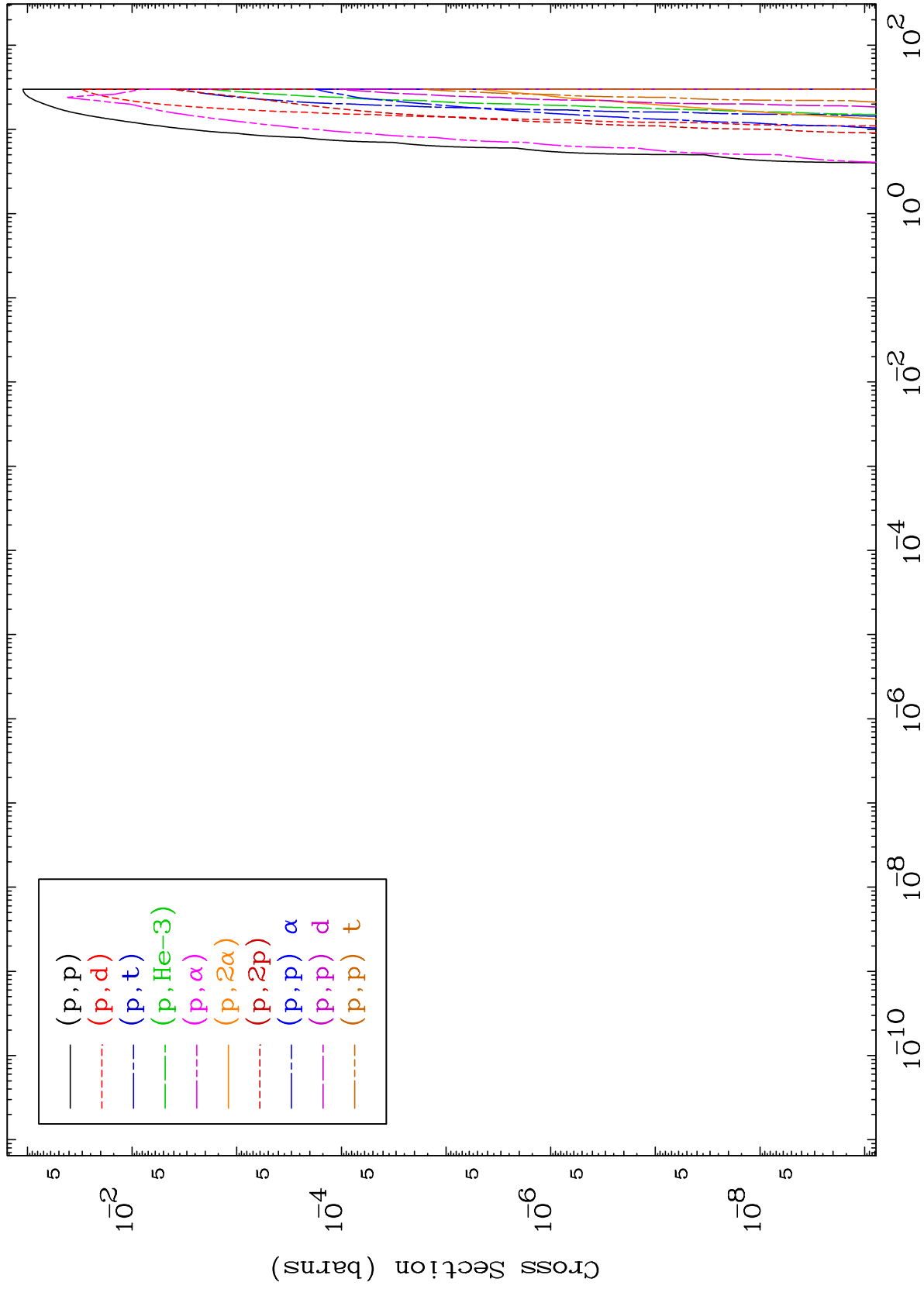
83-Bi-198



MAT 8294

Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-198



5

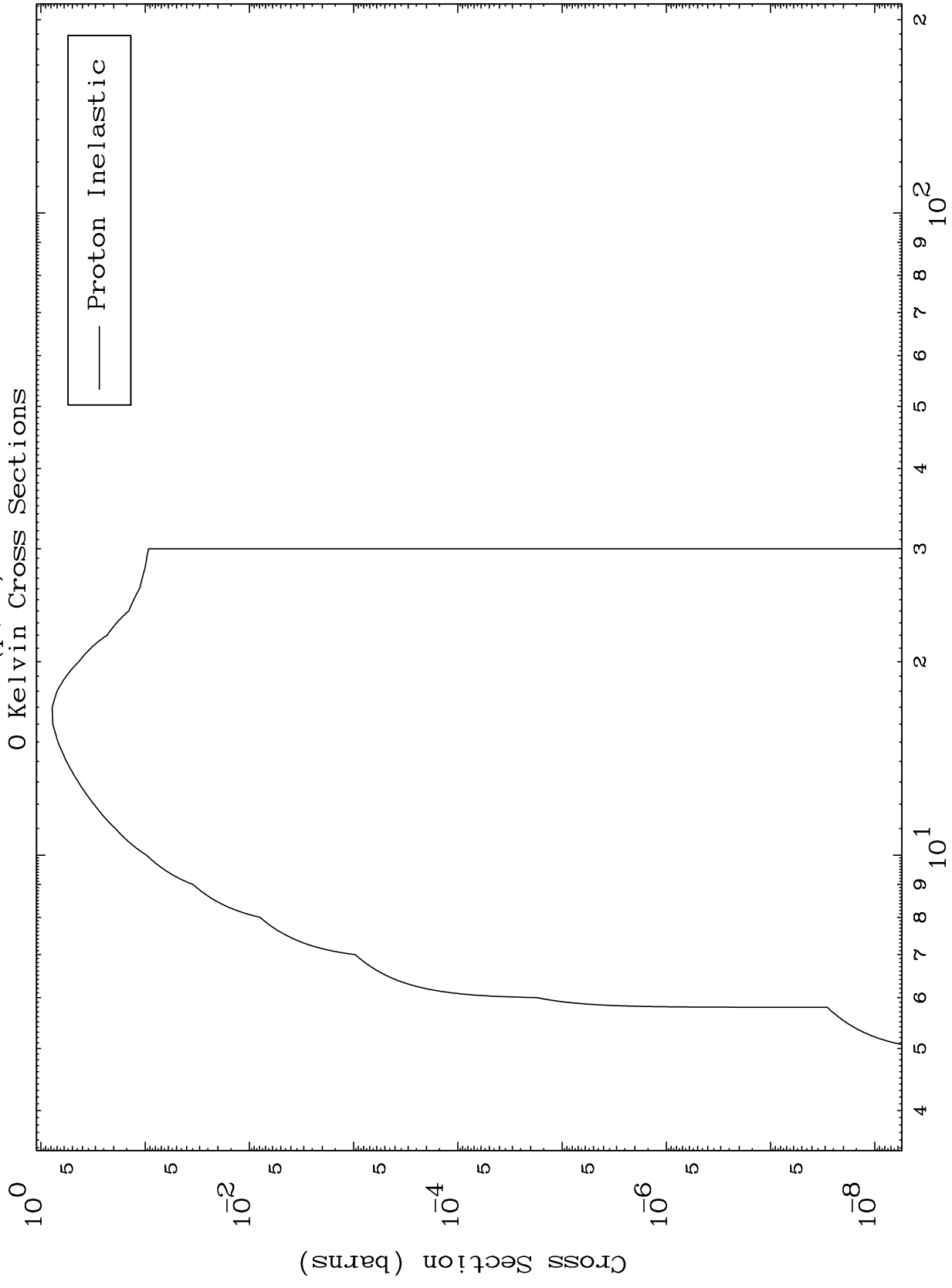
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(p,n') Level
0 Kelvin Cross Sections



6

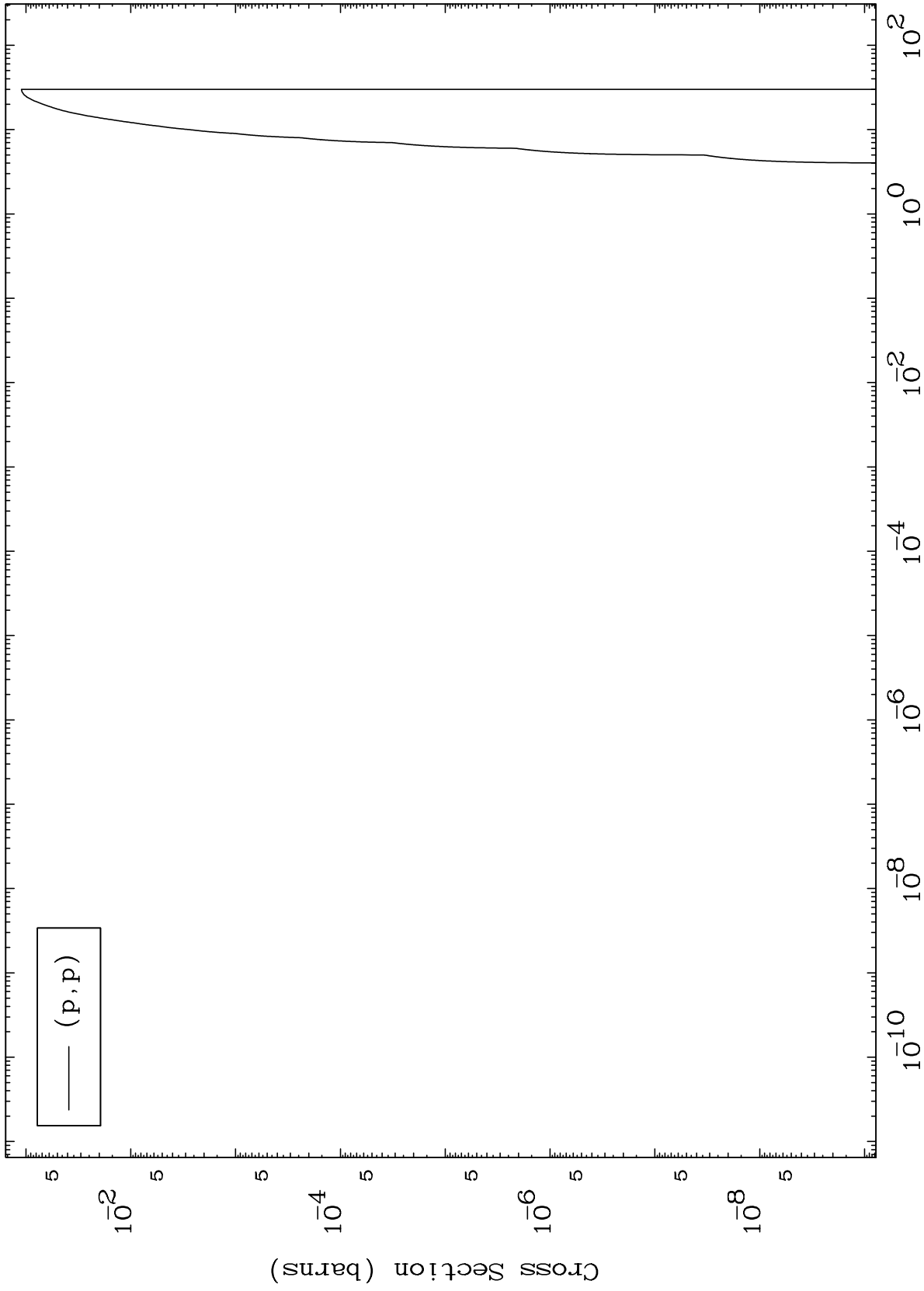
83-Bi-198

Incident Energy (MeV)

MAT 8294

(p,p) Levels
0 Kelvin Cross Sections

83-Bi-198



7

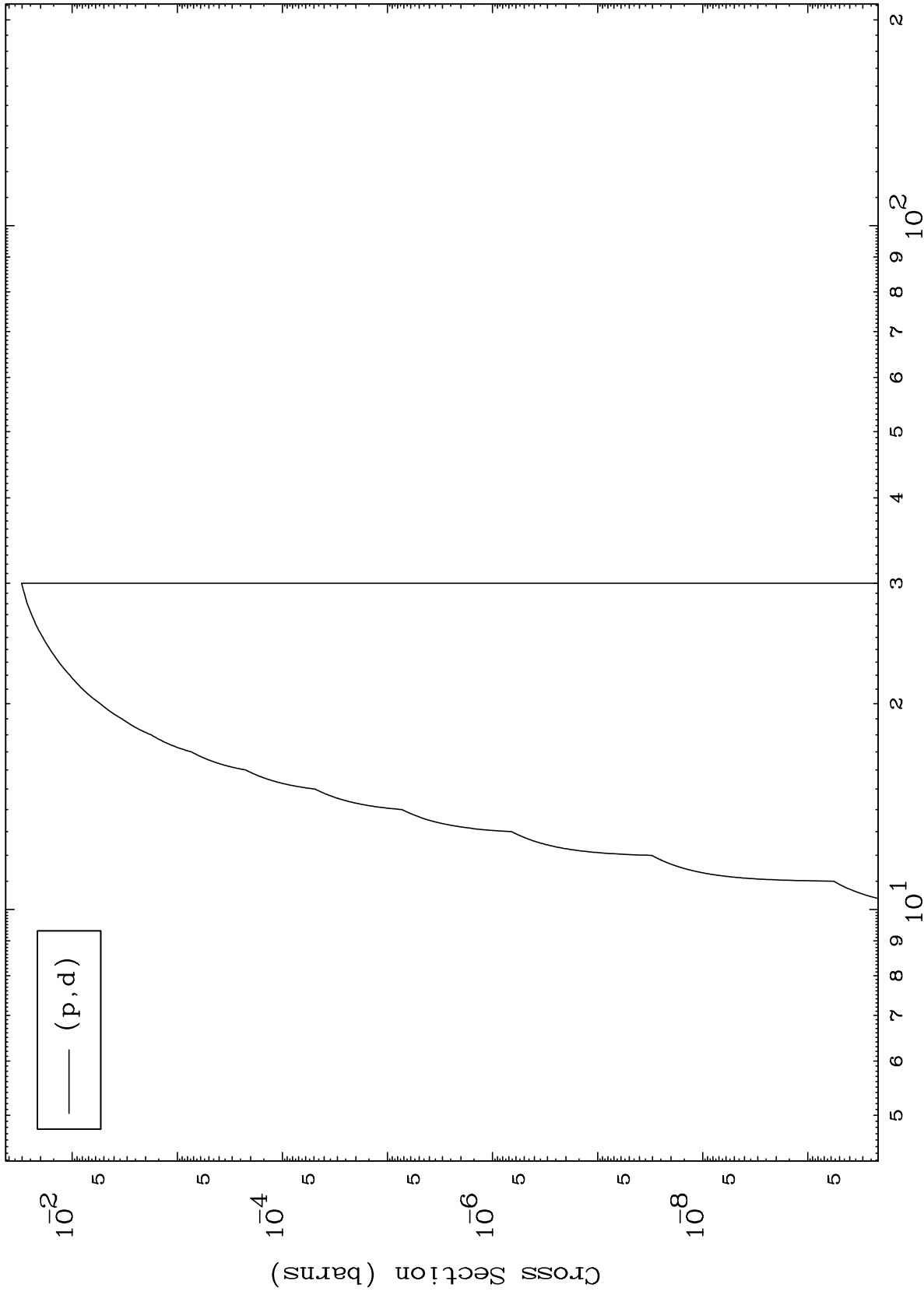
Incident Energy (MeV)

83-Bi-198

MAT 8294

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-198



8

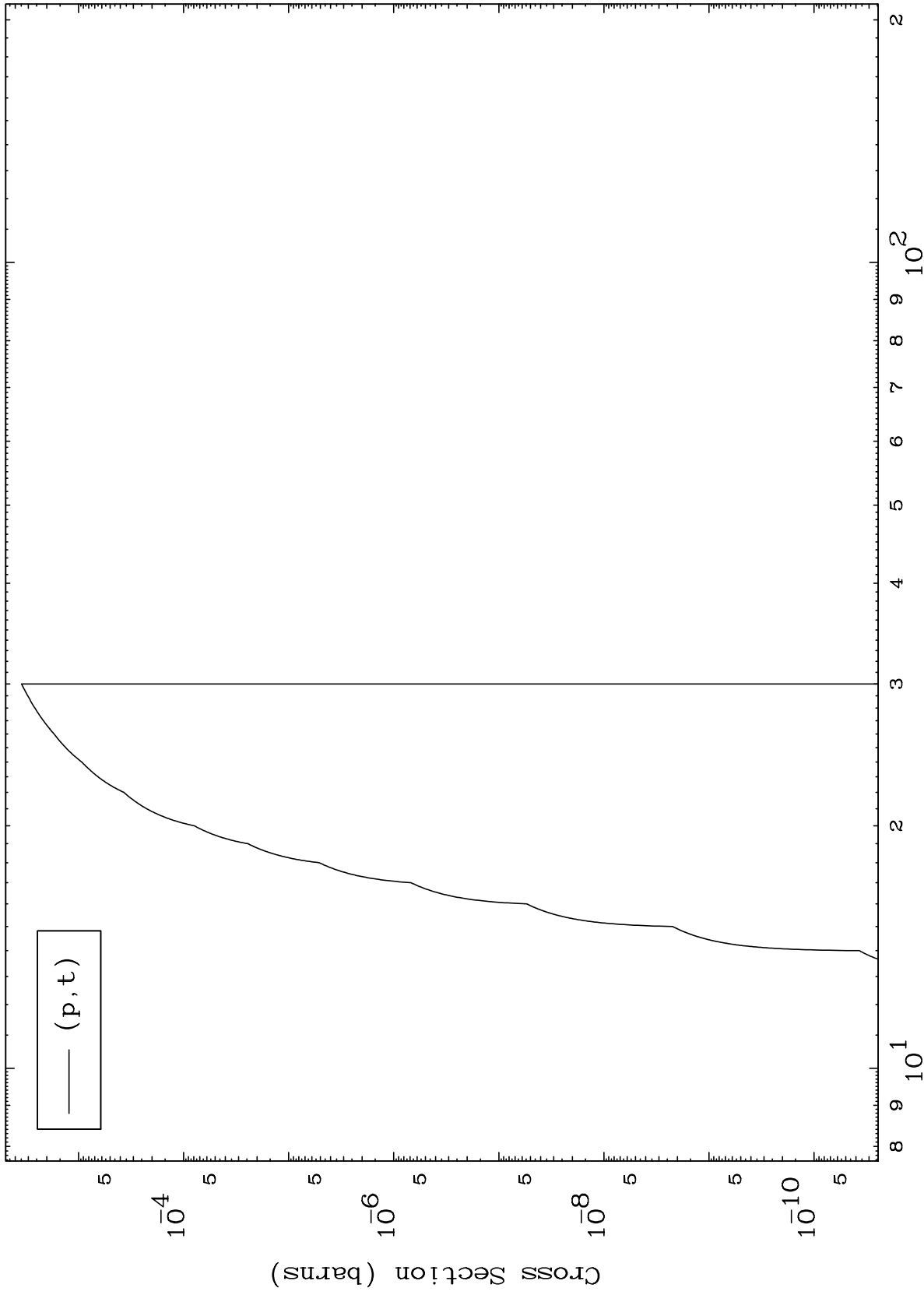
Incident Energy (MeV)

83-Bi-198

MAT 8294

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-198



9

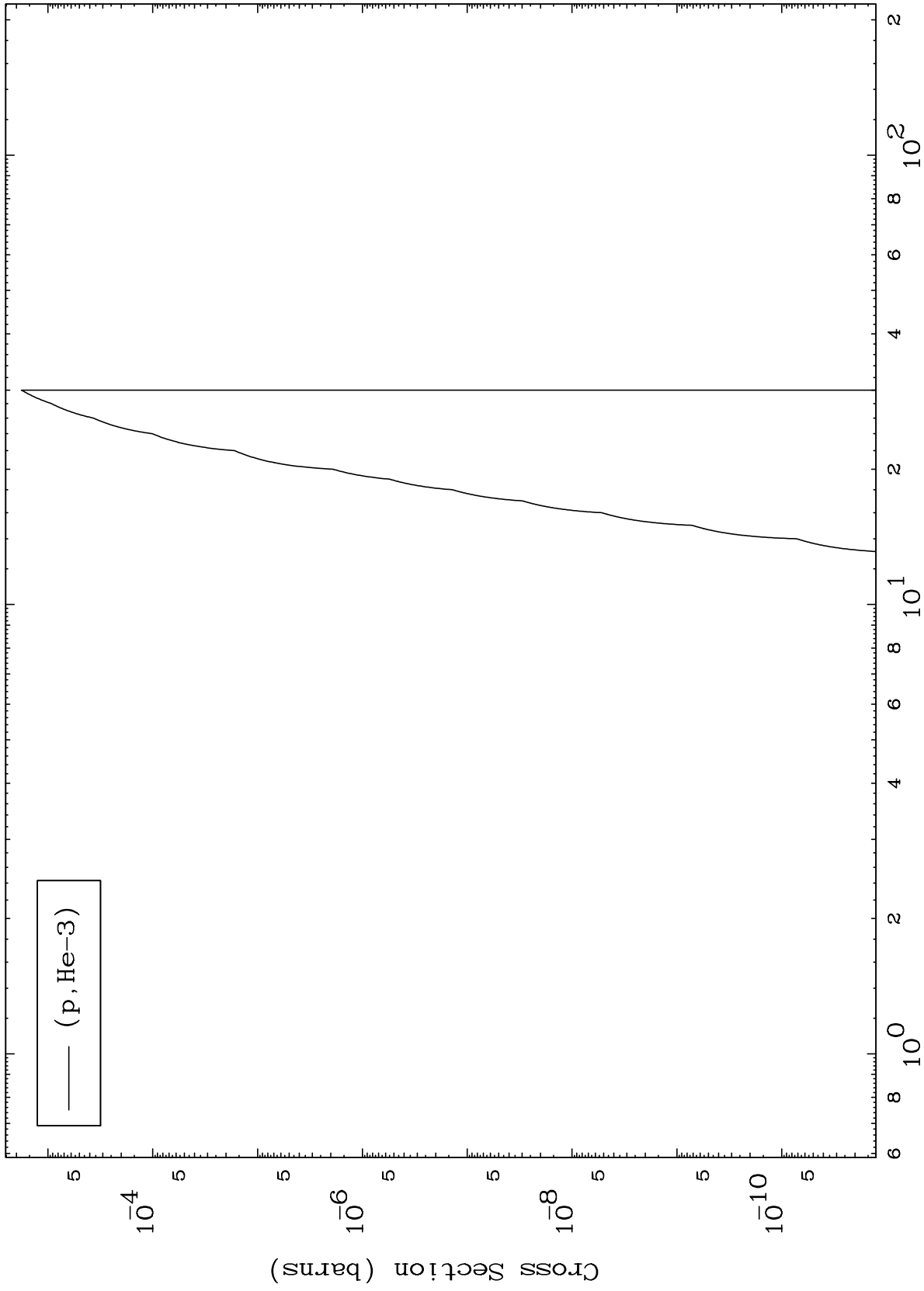
Incident Energy (MeV)

83-Bi-198

MAT 8294

(p,He3) Levels
0 Kelvin Cross Sections

83-Bi-198



10

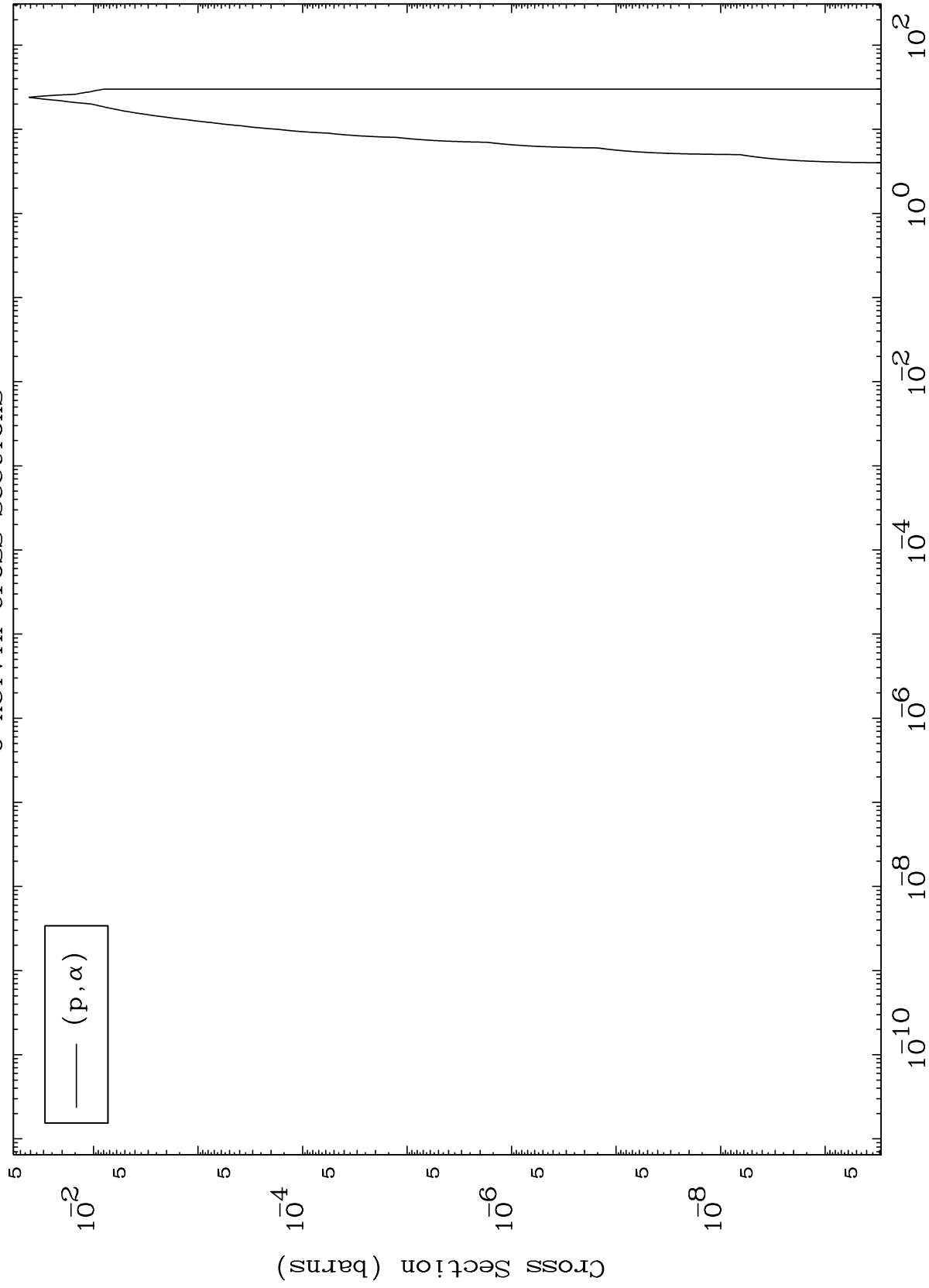
Incident Energy (MeV)

83-Bi-198

MAT 8294

(p,α) Levels
0 Kelvin Cross Sections

83-Bi-198



11

Incident Energy (MeV)

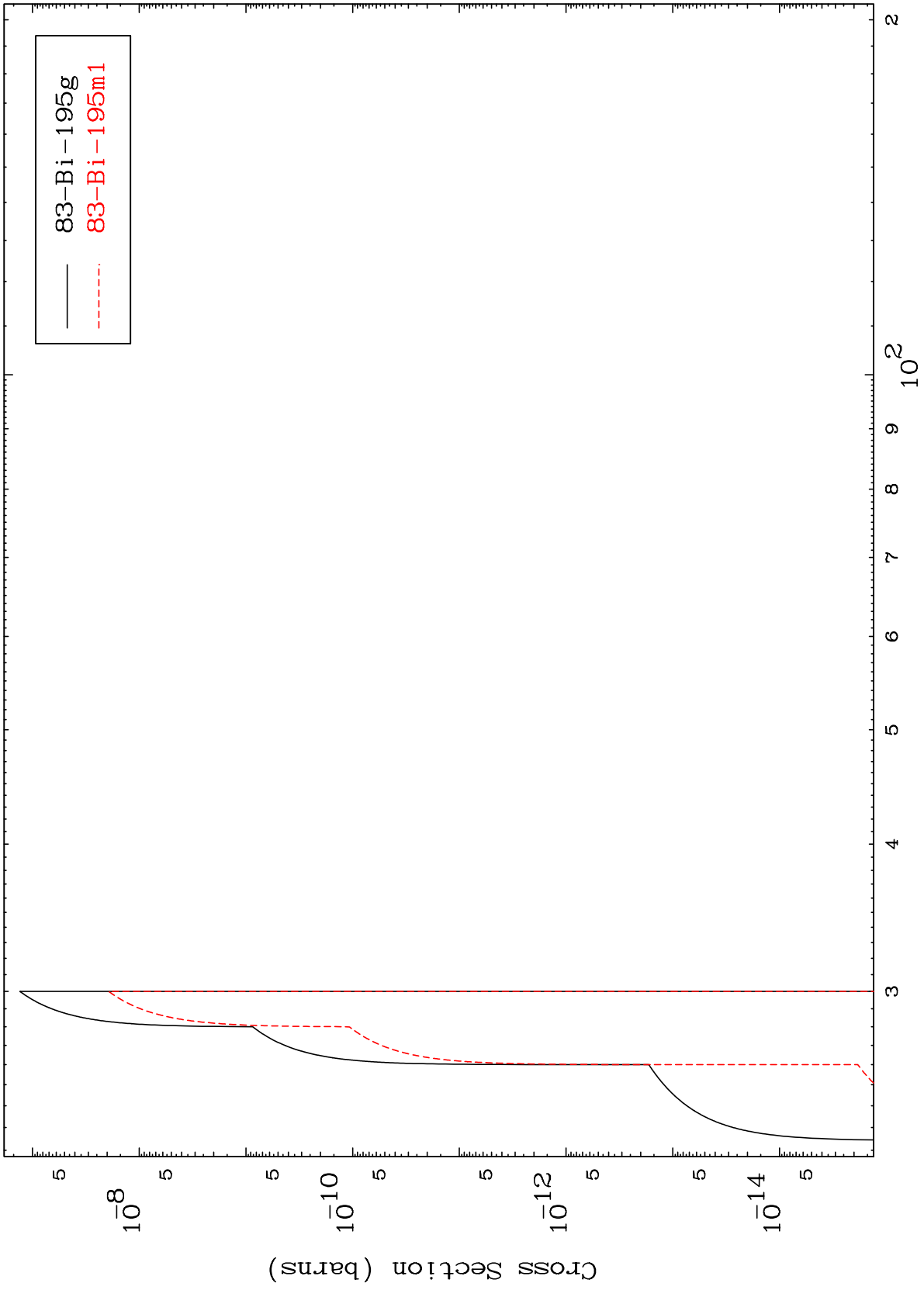
83-Bi-198

MAT 8294

(p,2n) d

83-Bi-198

Radionuclide Production Cross Section



12

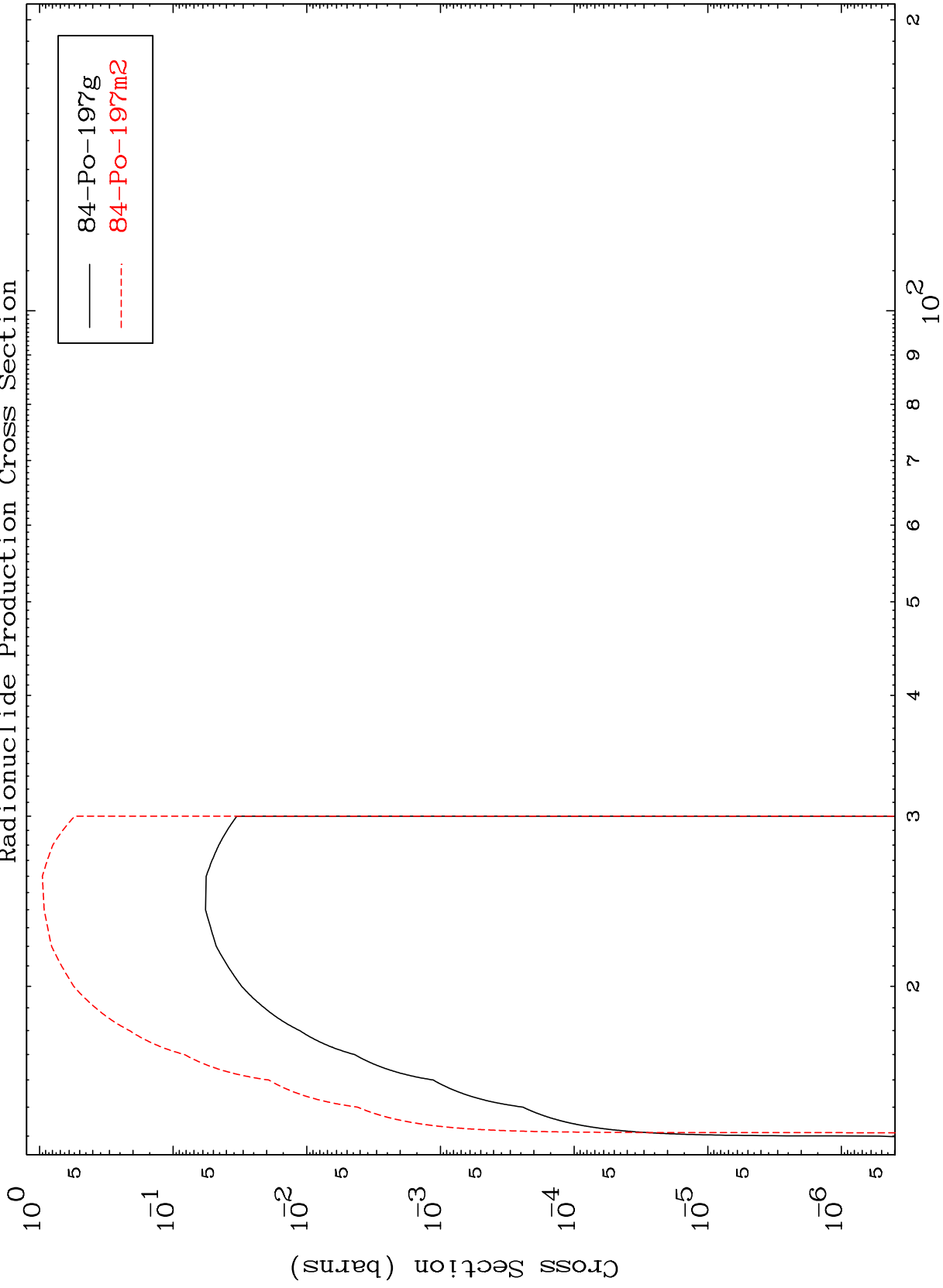
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(p,2n)
Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

13

Incident Energy (MeV)

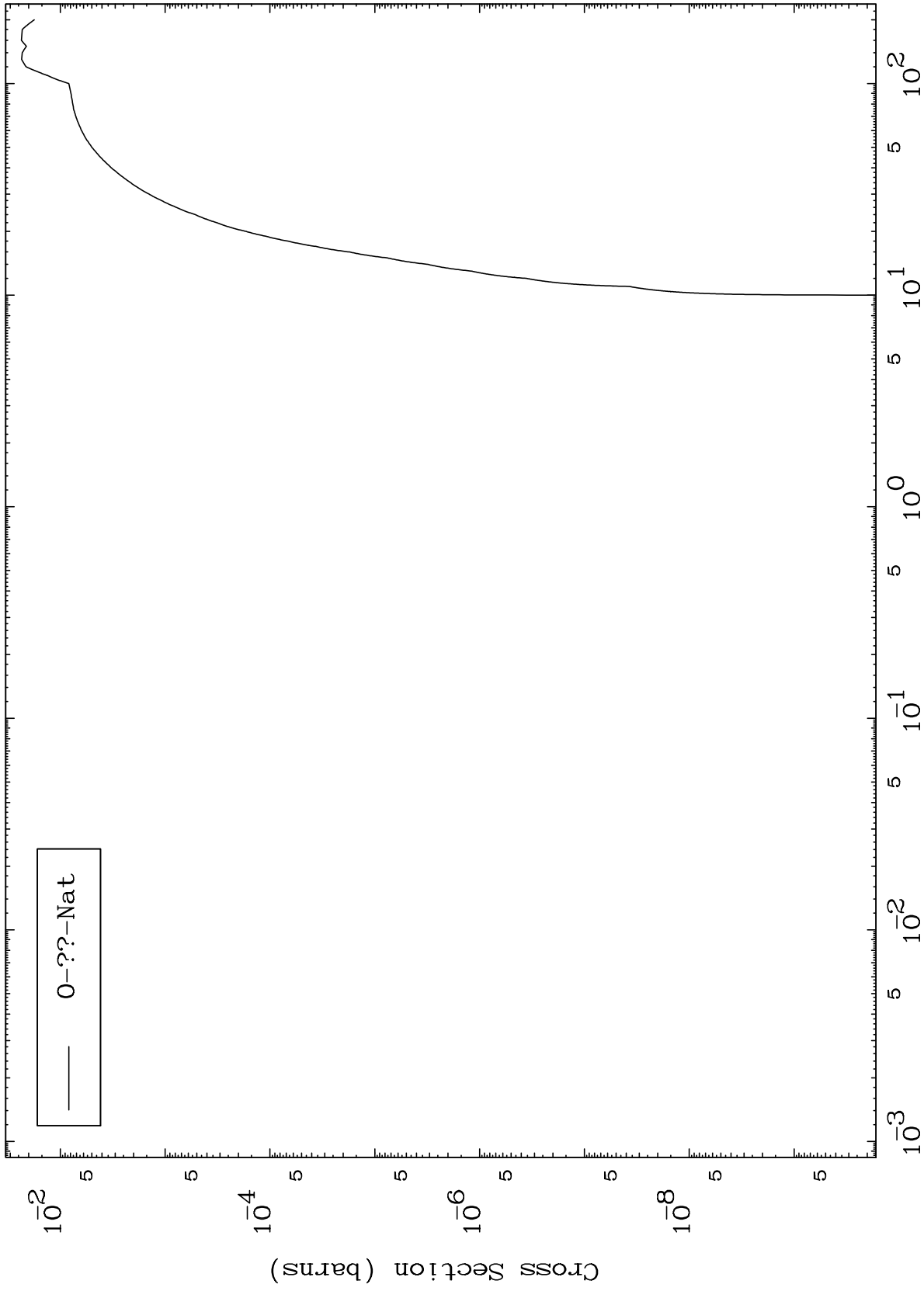
83-Bi-198

MAT 8294

Proton Fission

83-Bi-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

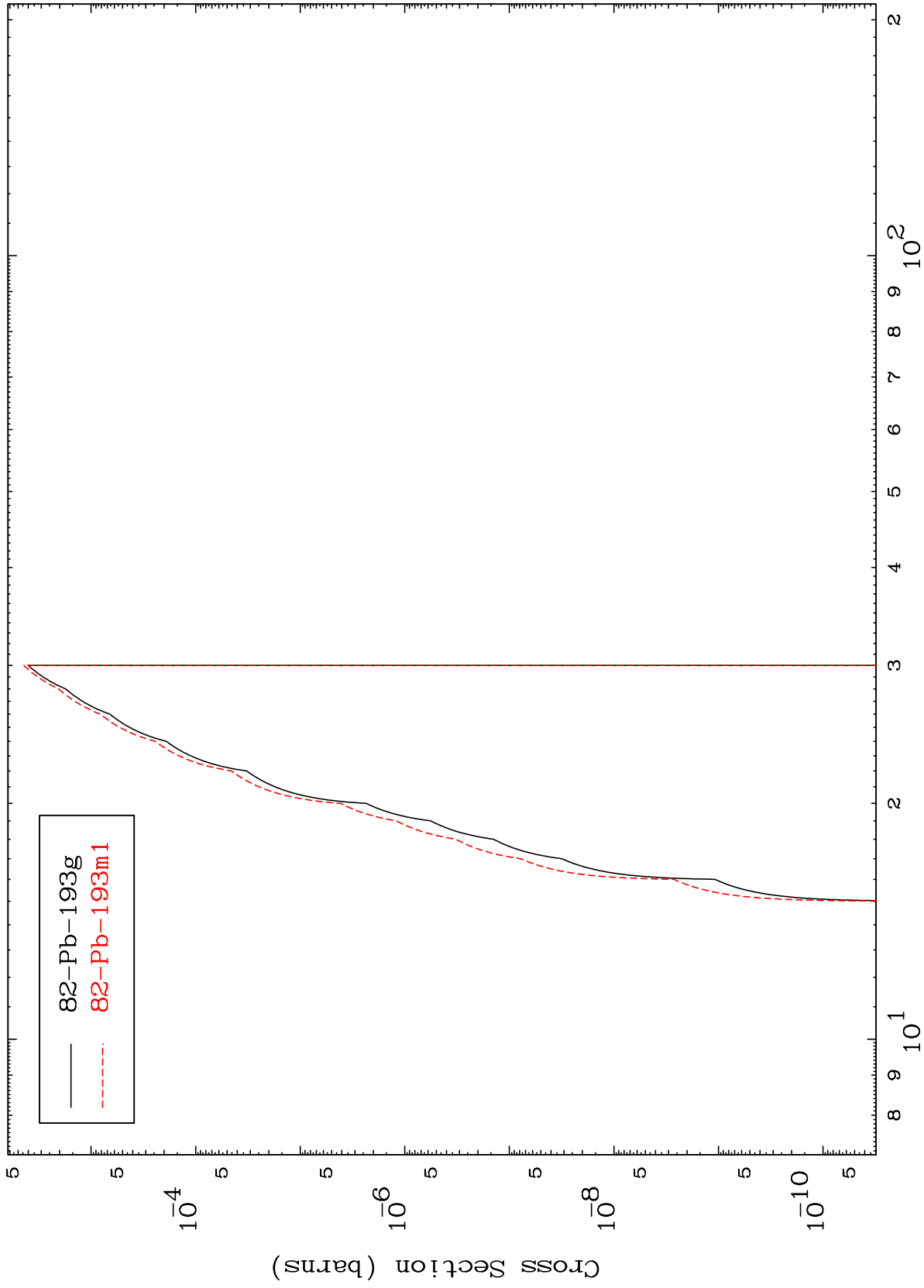
83-Bi-198

MAT 8294

(p,2n) α

83-Bi-198

Radionuclide Production Cross Section



15

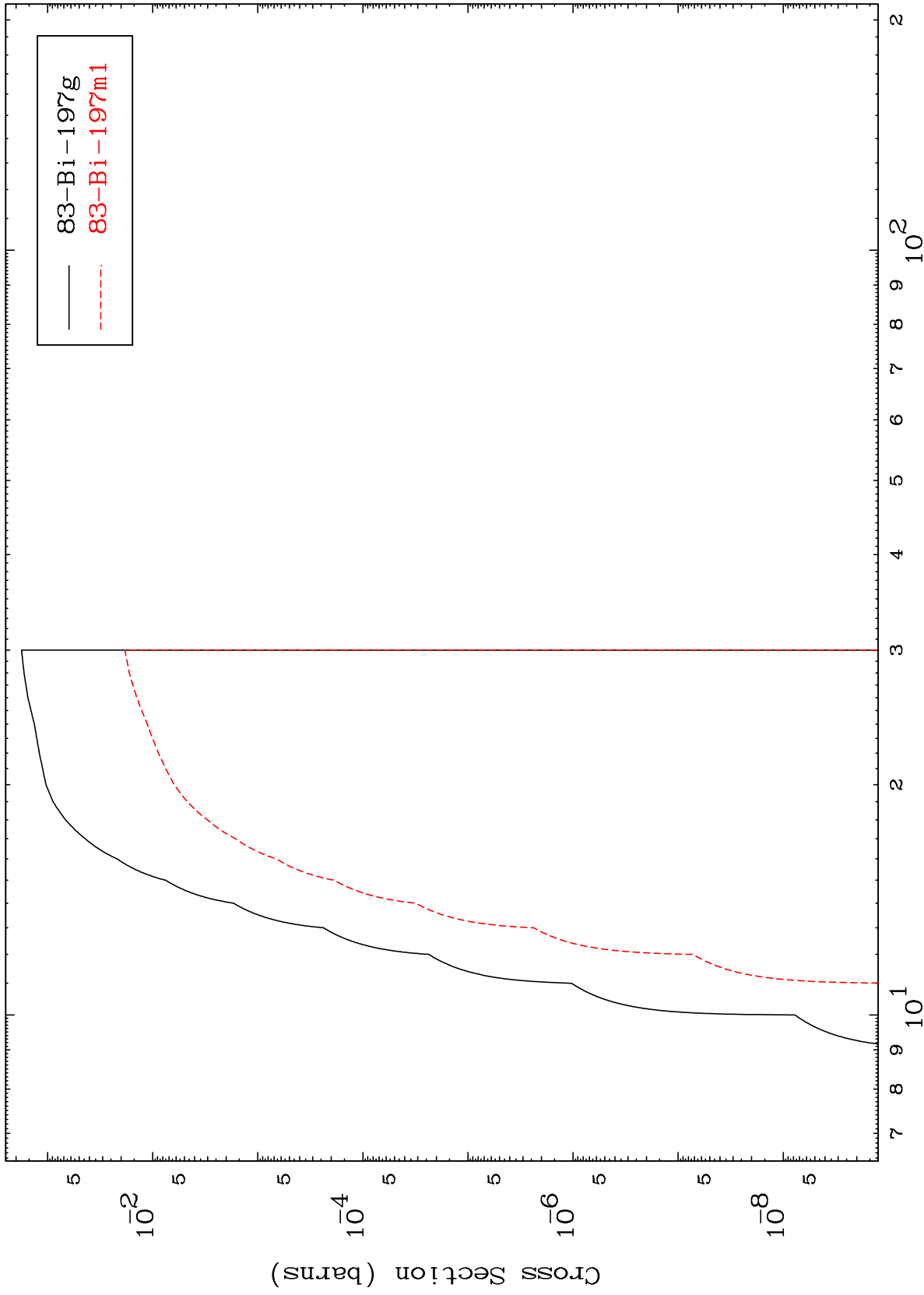
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(p,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

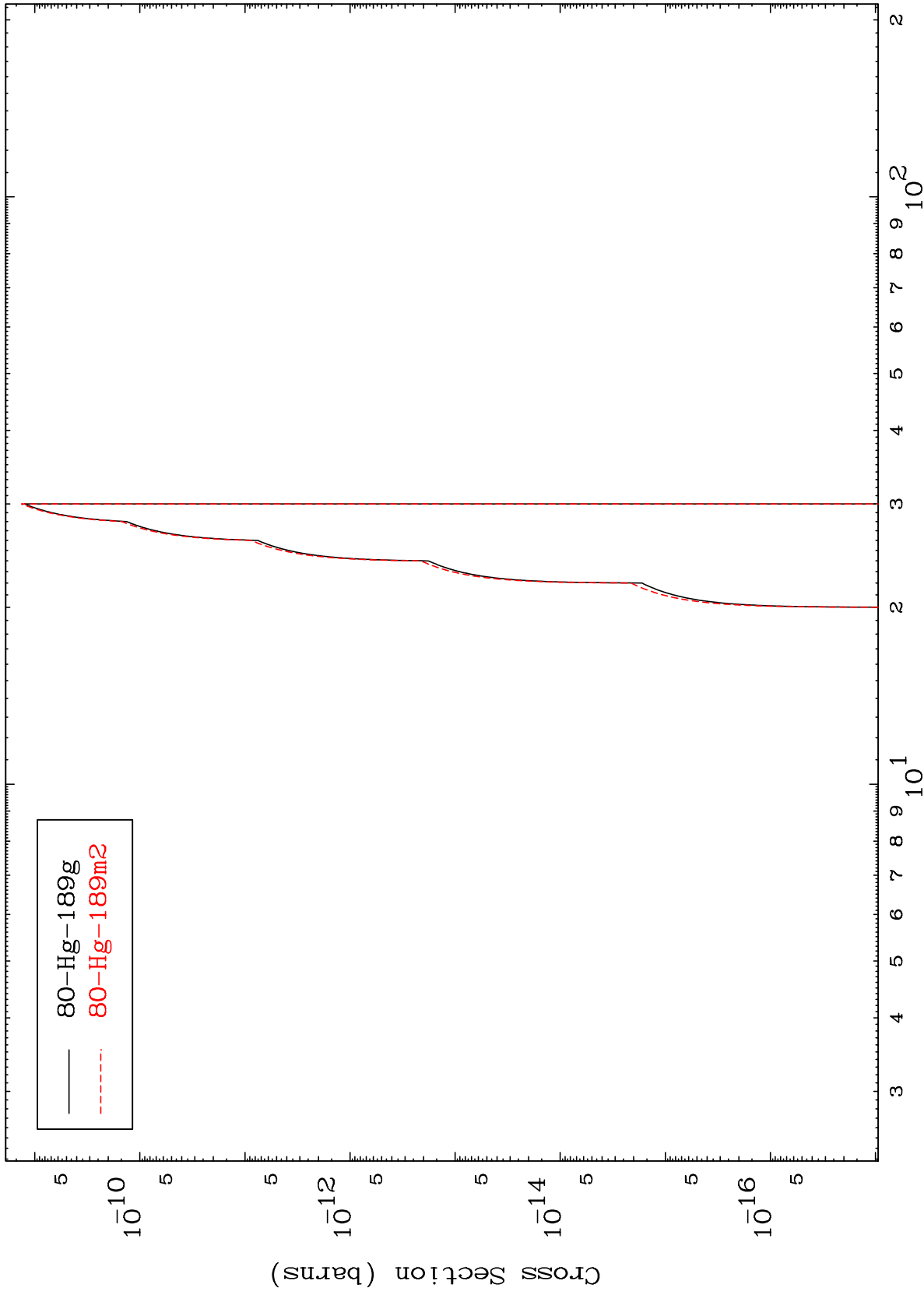
83-Bi-198

MAT 8294

(p,2n) 2α

83-Bi-198

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

17

Incident Energy (MeV)

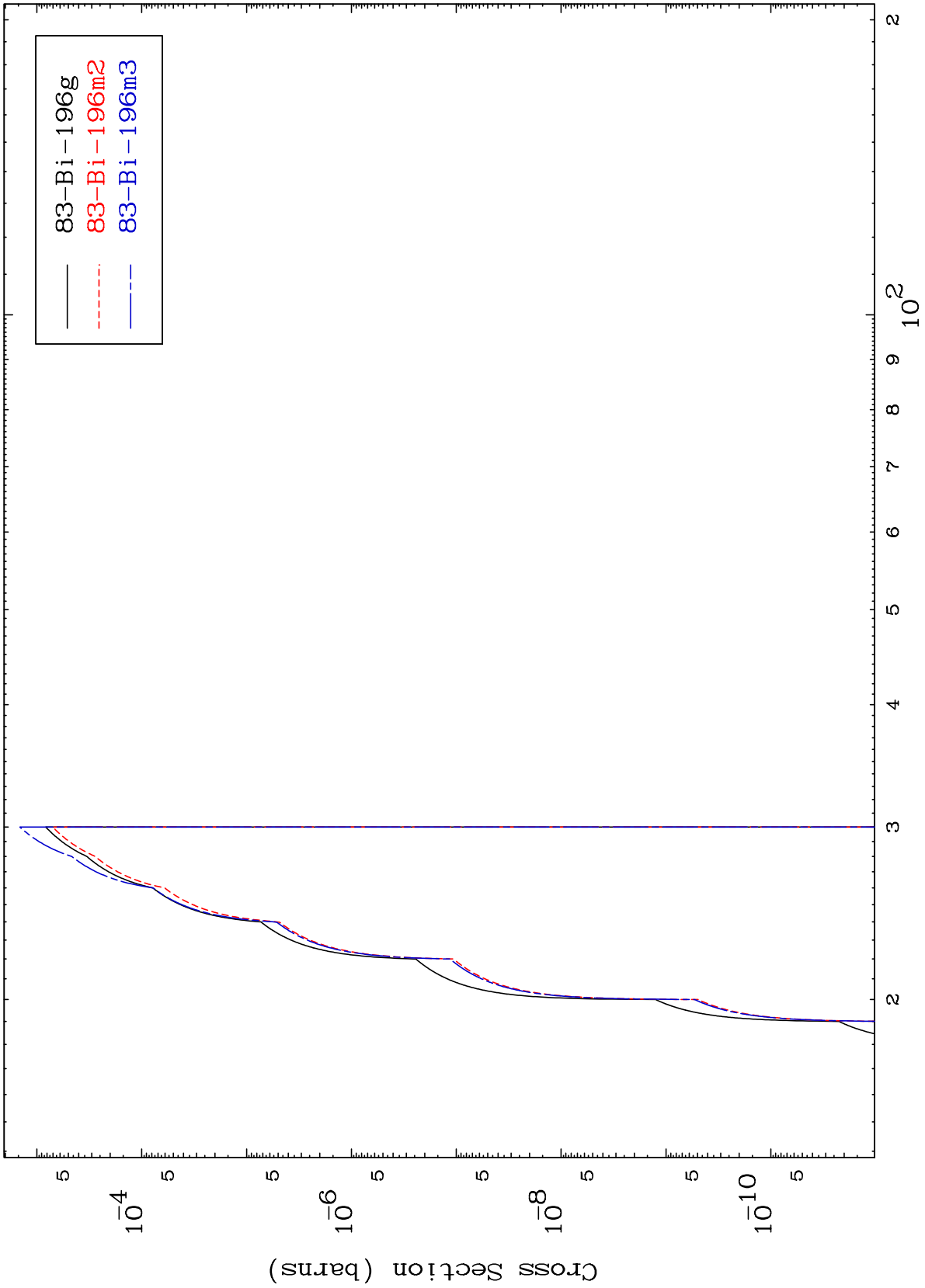
83-Bi-198

MAT 8294

(p,n') d

⁸³Bi-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

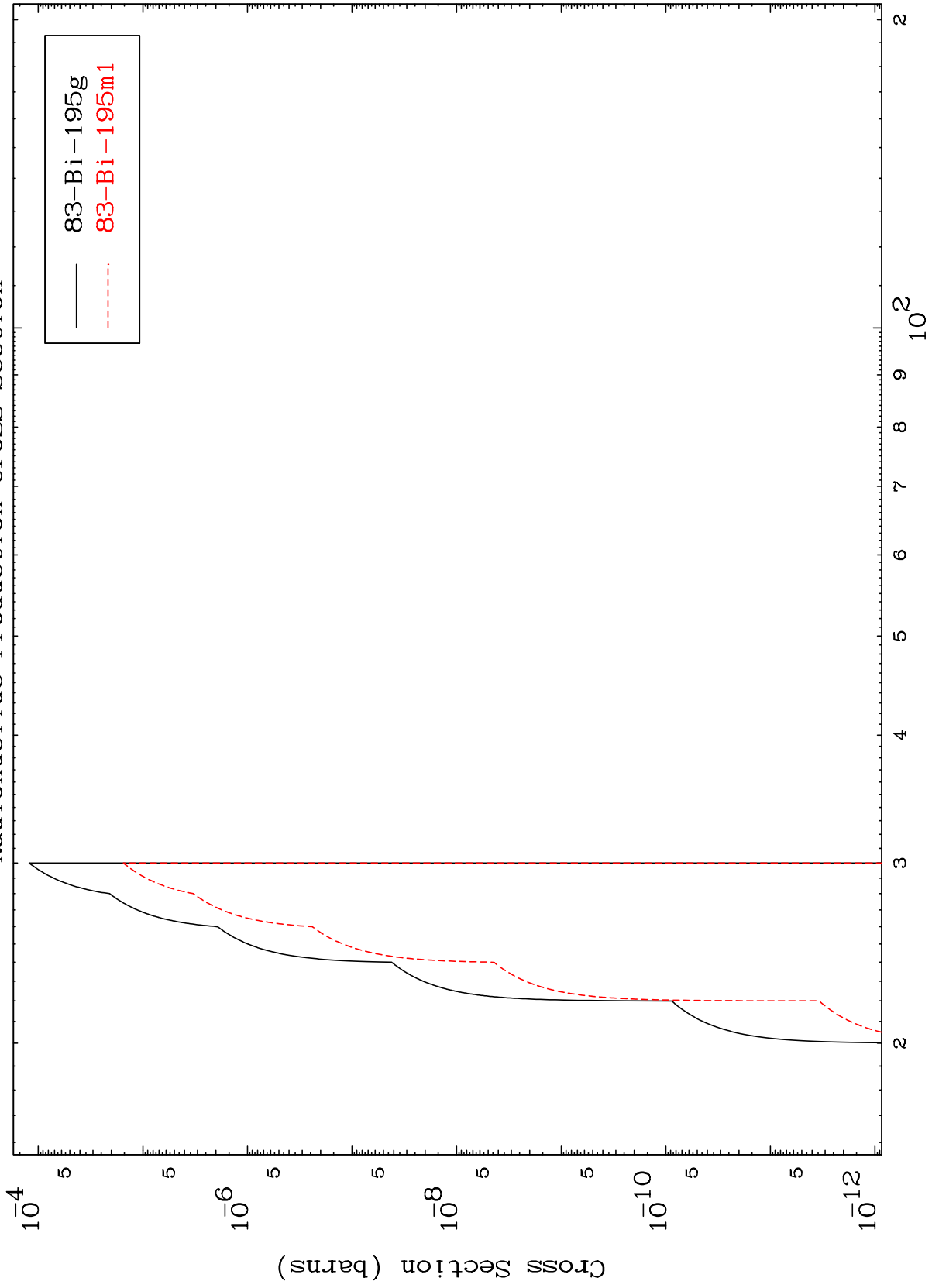
⁸³Bi-198

MAT 8294

(p,n') t

83-Bi-198

Radionuclide Production Cross Section



19

Incident Energy (MeV)

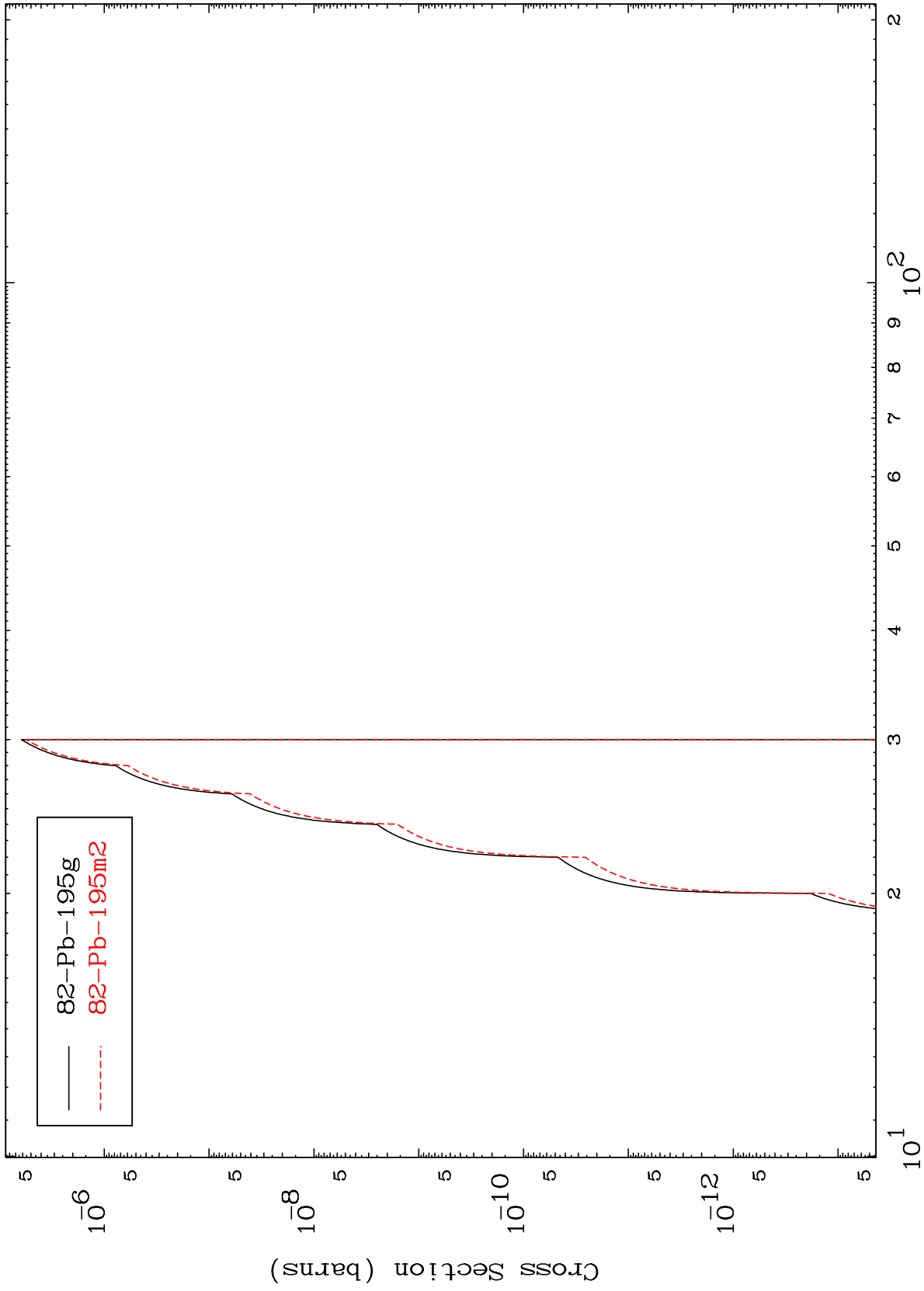
83-Bi-198

MAT 8294

(p,n') He-3

83-Bi-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

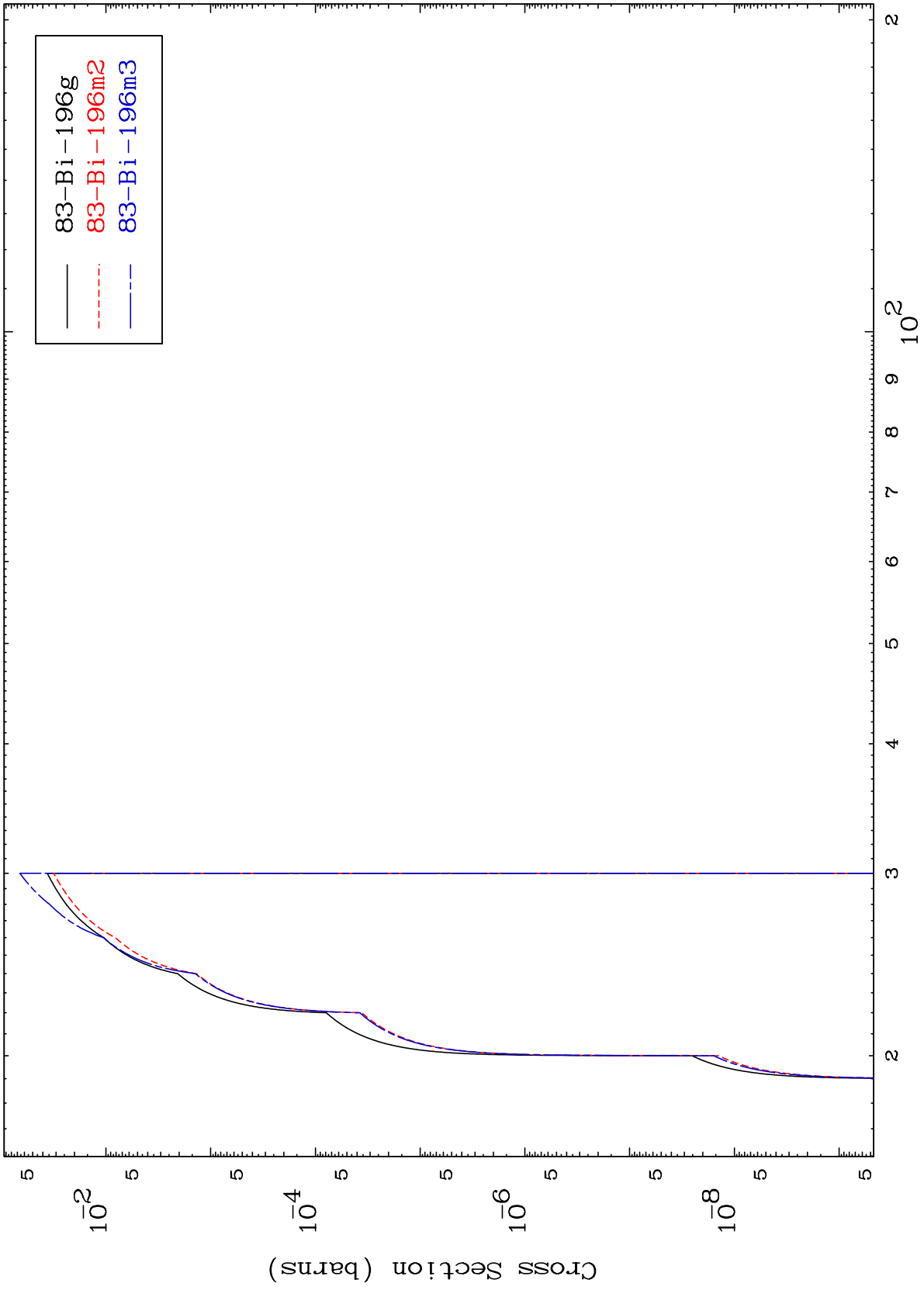
83-Bi-198

MAT 8294

(p,2n) p

83-Bi-198

Radionuclide Production Cross Section



21

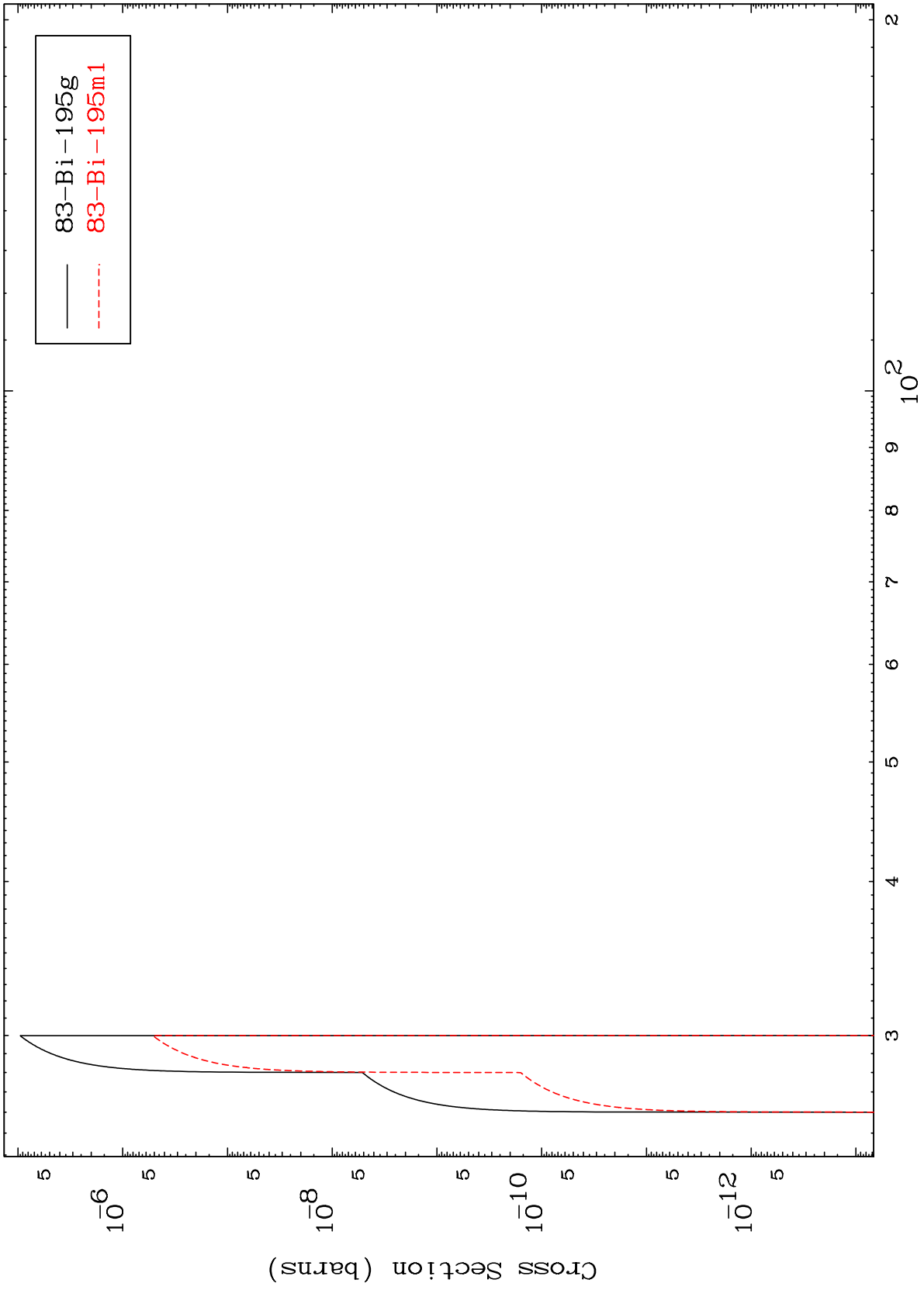
Incident Energy (MeV)

83-Bi-198

MAT 8294

83-Bi-198

(p,3n) p
Radionuclide Production Cross Section



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

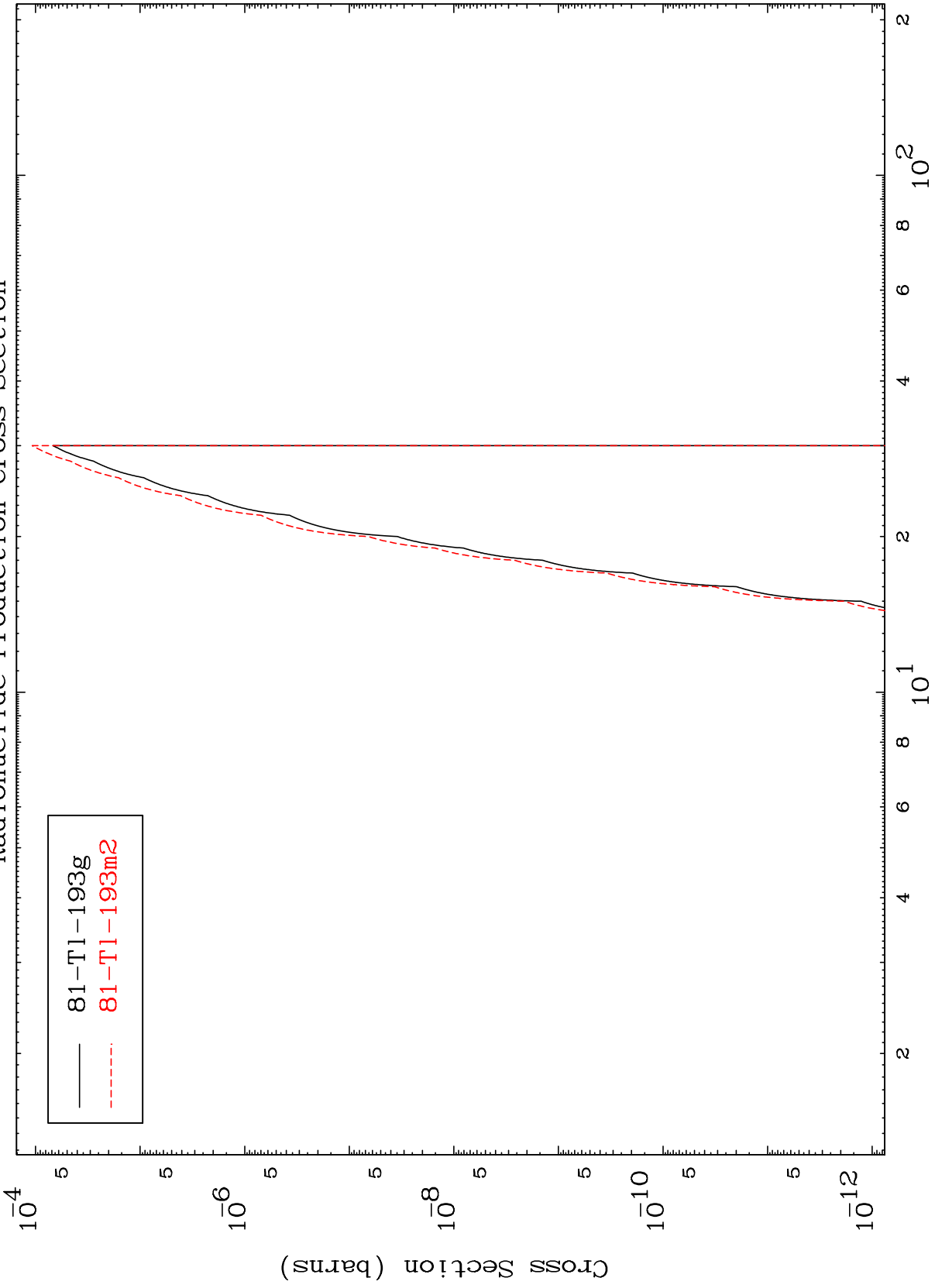
22

83-Bi-198

MAT 8294

83-Bi-198

(p,n') p α
Radionuclide Production Cross Section



23

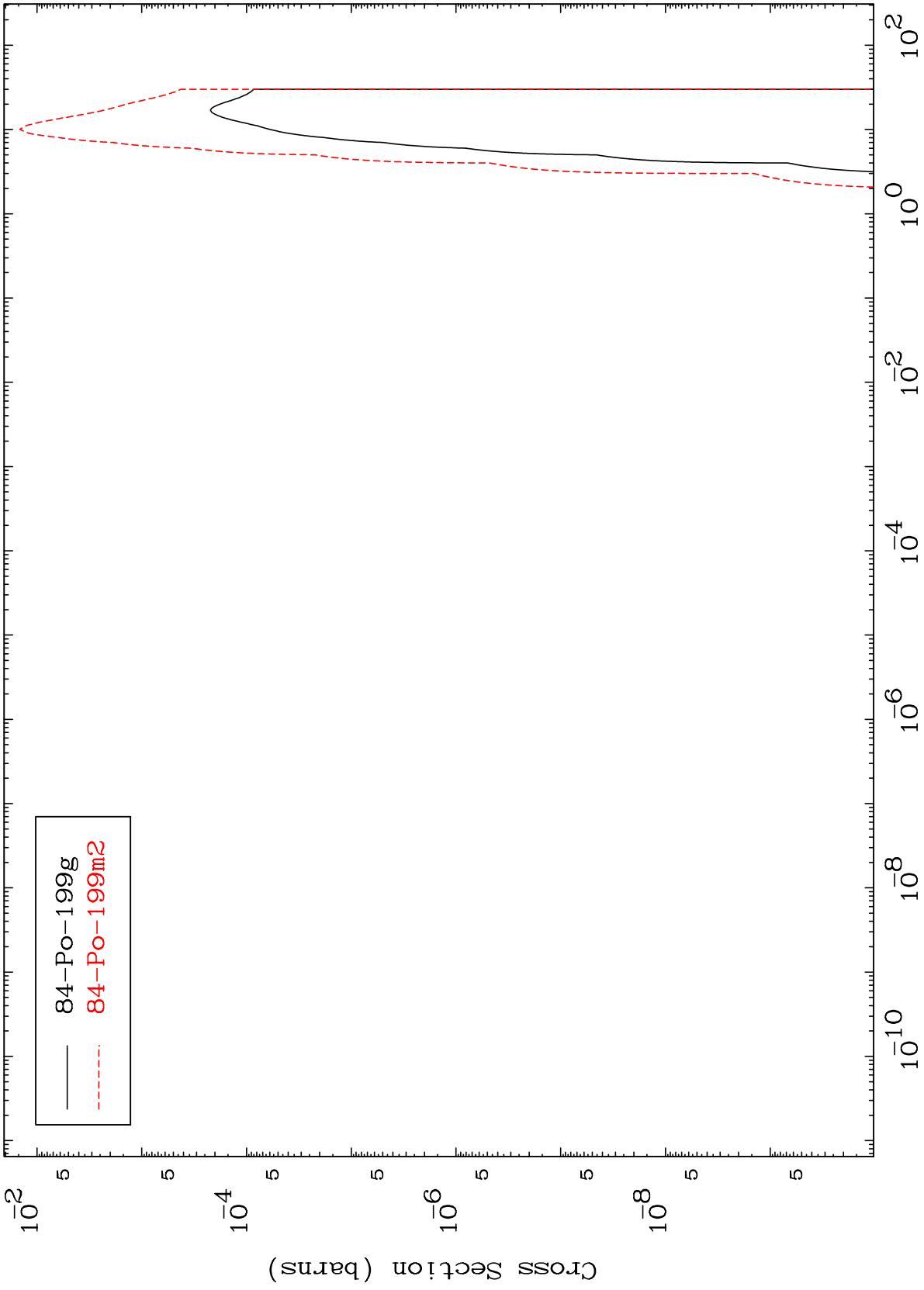
Incident Energy (MeV)

83-Bi-198

MAT 8294

Radionuclide Production Cross Section
(p,γ)

83-Bi-198



24

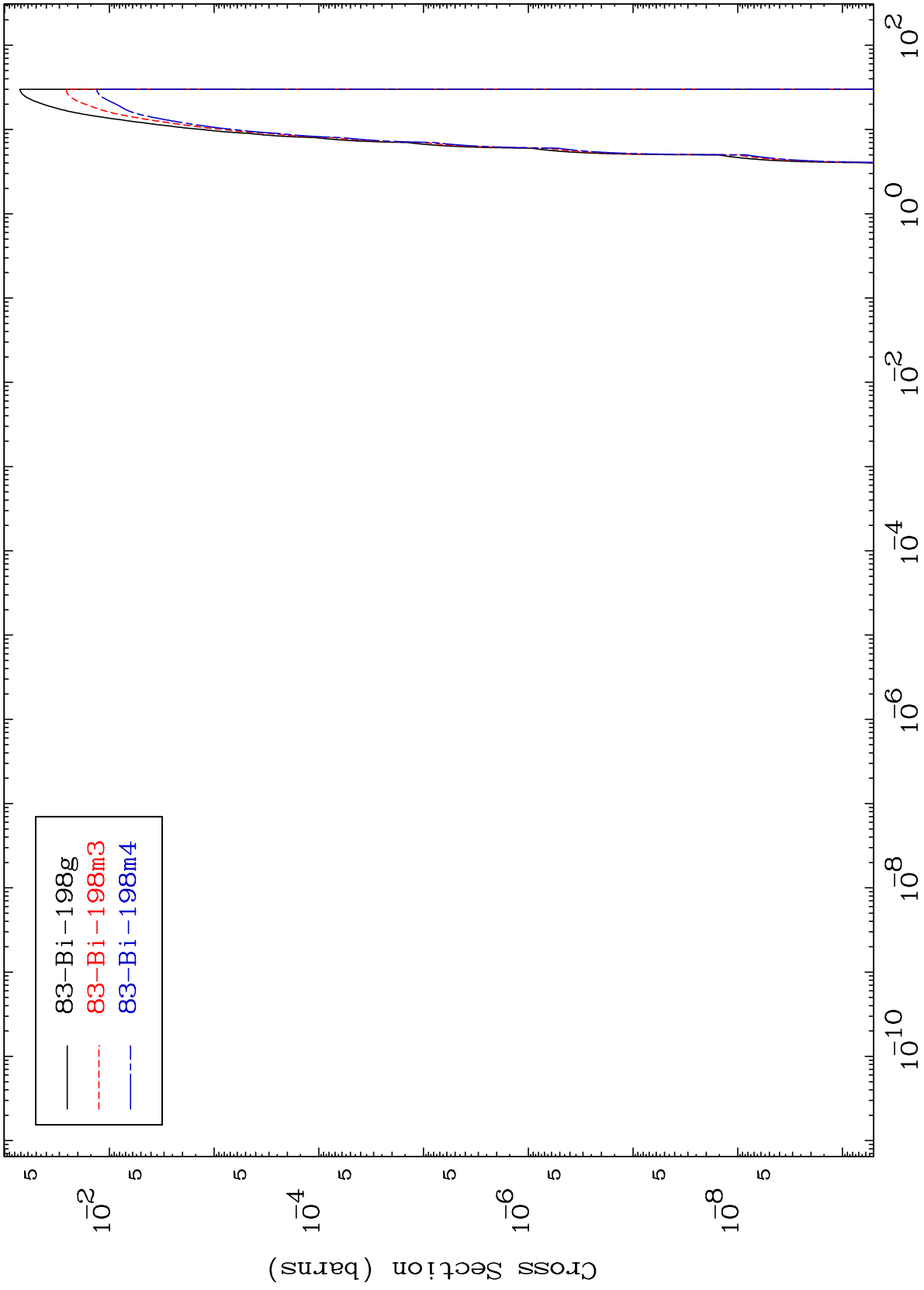
Incident Energy (MeV)

83-Bi-198

MAT 8294

⁸³Bi-198

(p,p)
Radionuclide Production Cross Section



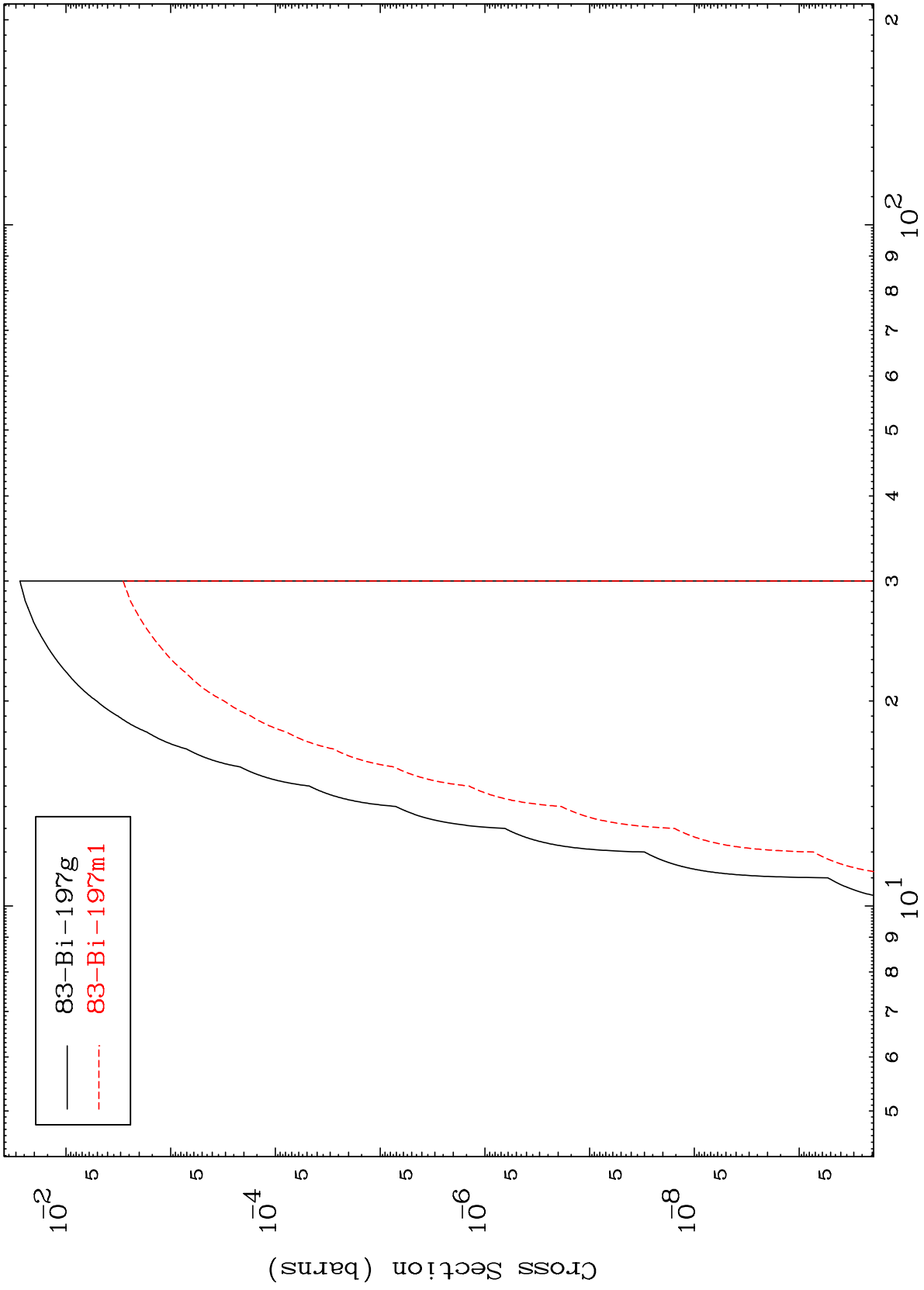
25

⁸³Bi-198

MAT 8294

83-Bi-198

(p,d)
Radionuclide Production Cross Section



26

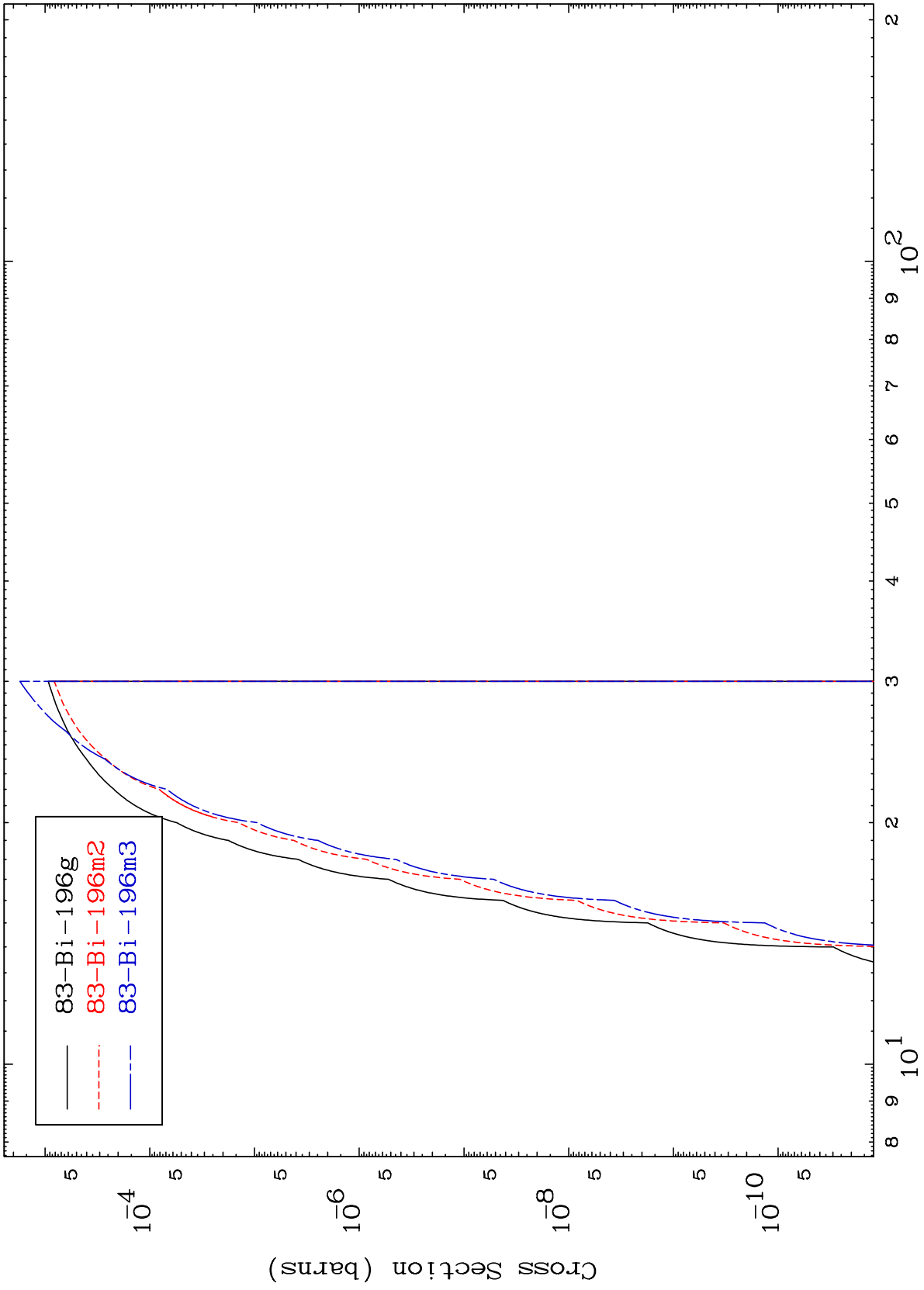
83-Bi-198

Incident Energy (MeV)

MAT 8294

83-Bi-198

Radionuclide Production Cross Section (p, t)



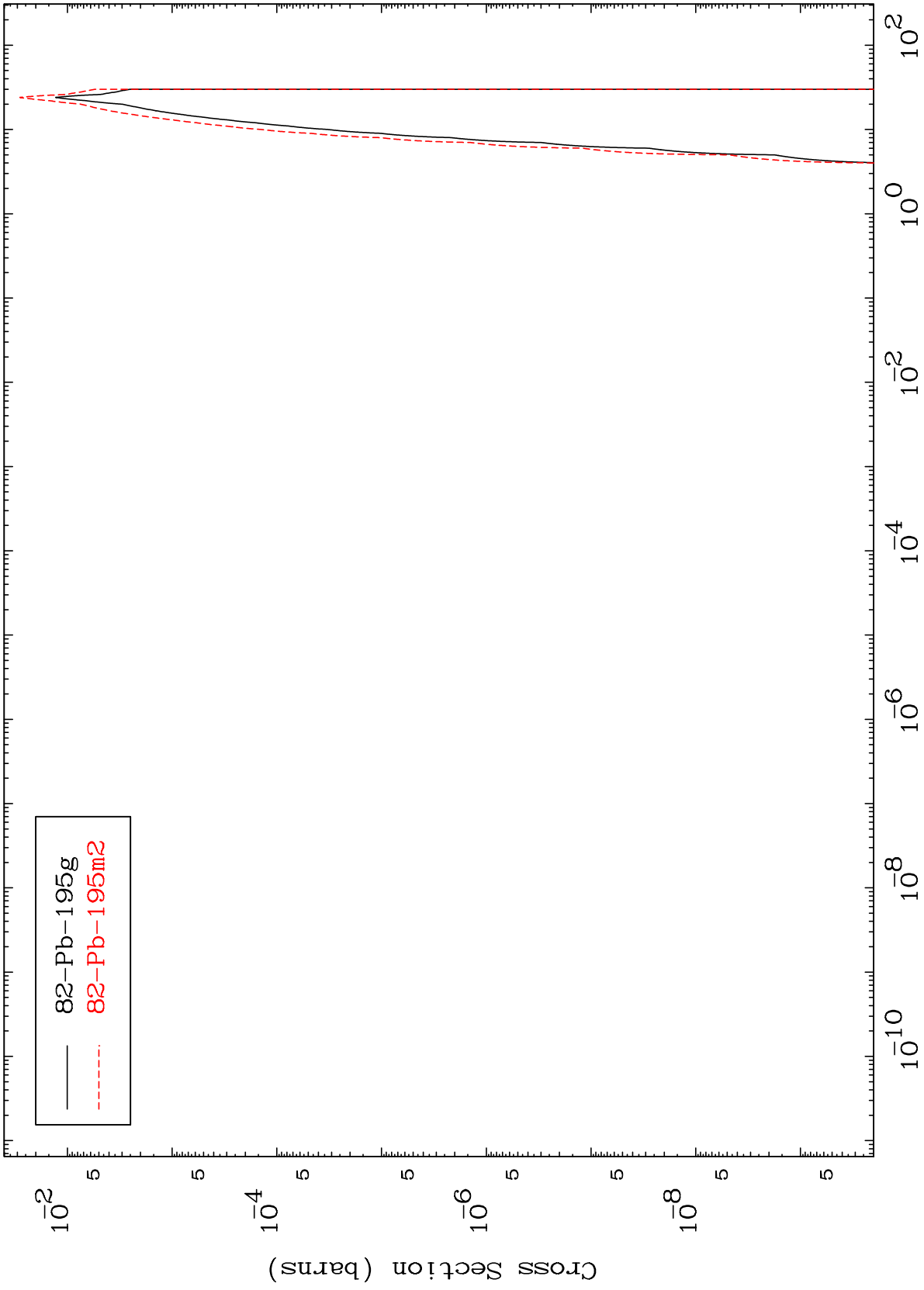
27

83-Bi-198

MAT 8294

Radionuclide Production Cross Section
(p, α)

83-Bi-198



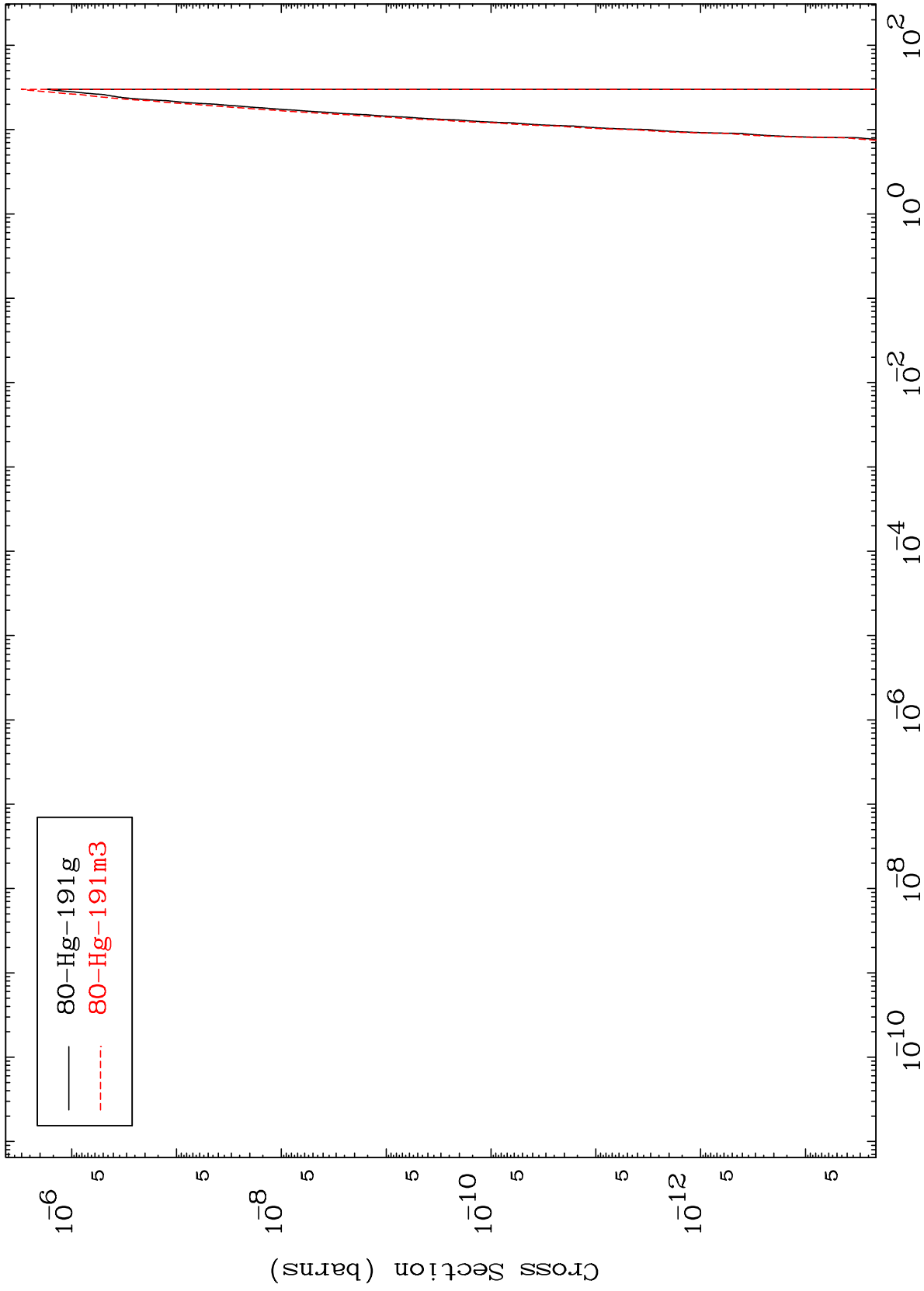
83-Bi-198

MAT 8294

(p,2α)

83-Bi-198

Radionuclide Production Cross Section



29

Incident Energy (MeV)

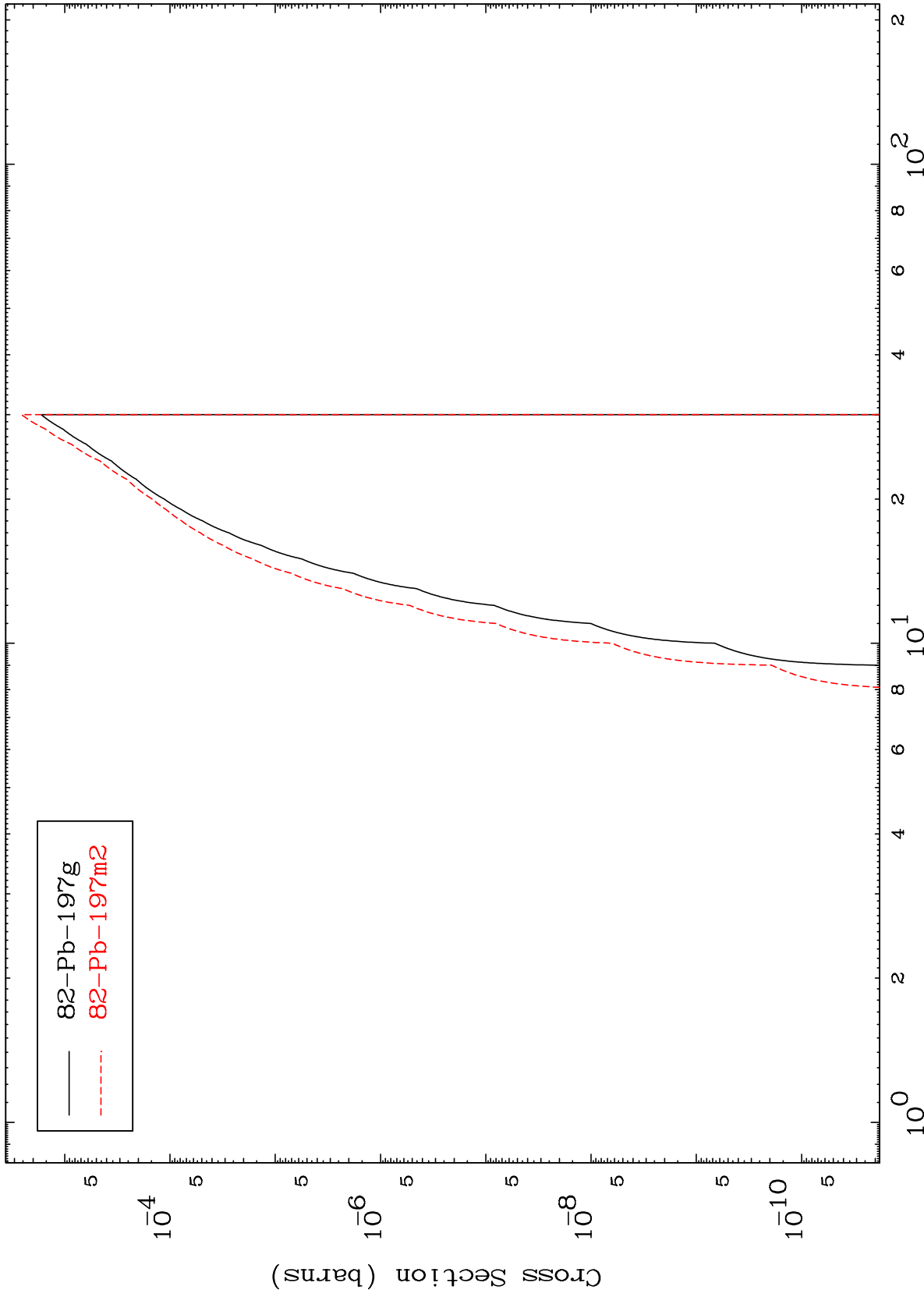
83-Bi-198

MAT 8294

(p,2p)

83-Bi-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

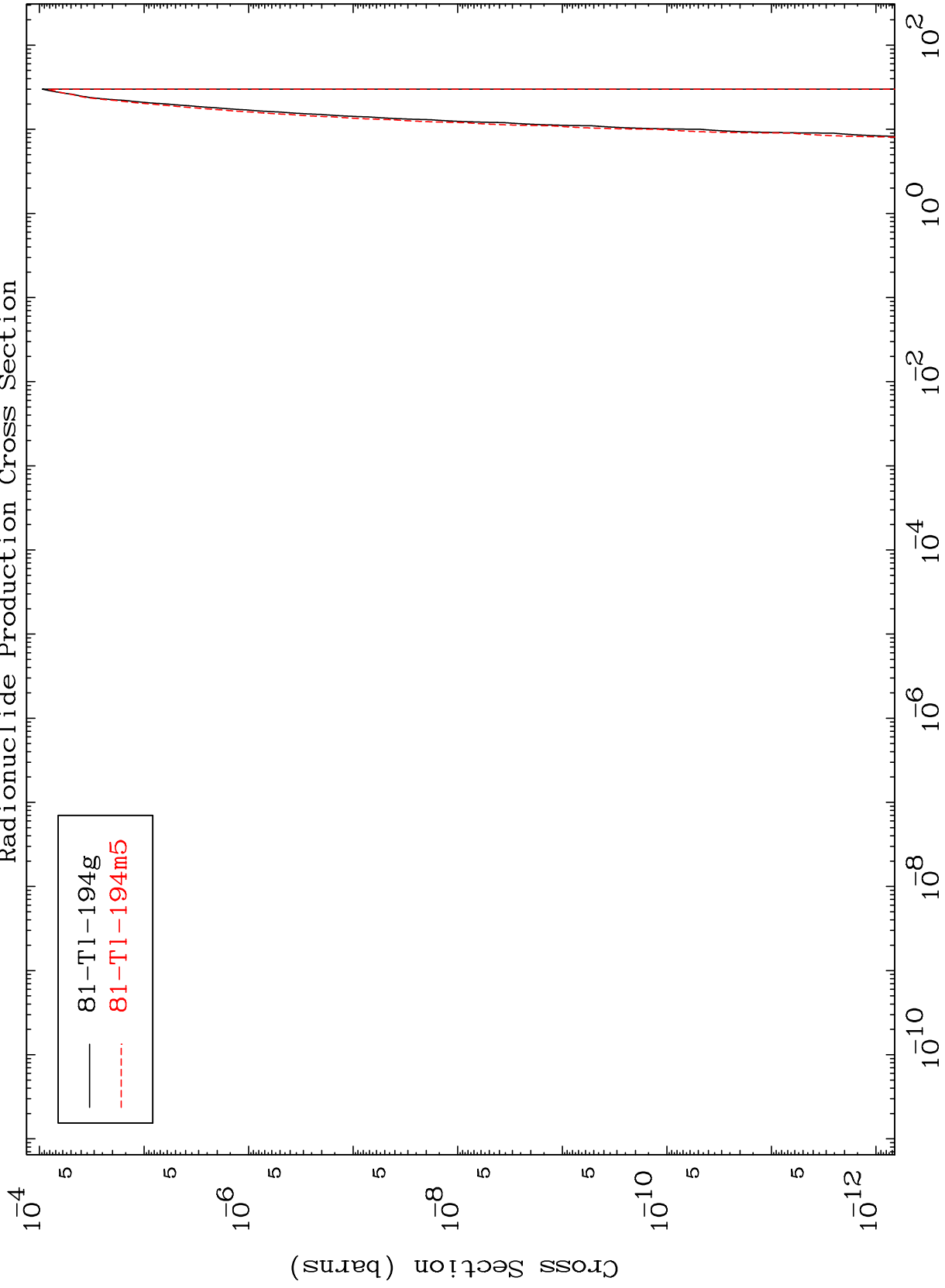
83-Bi-198

MAT 8294

(p,p) α

83-Bi-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

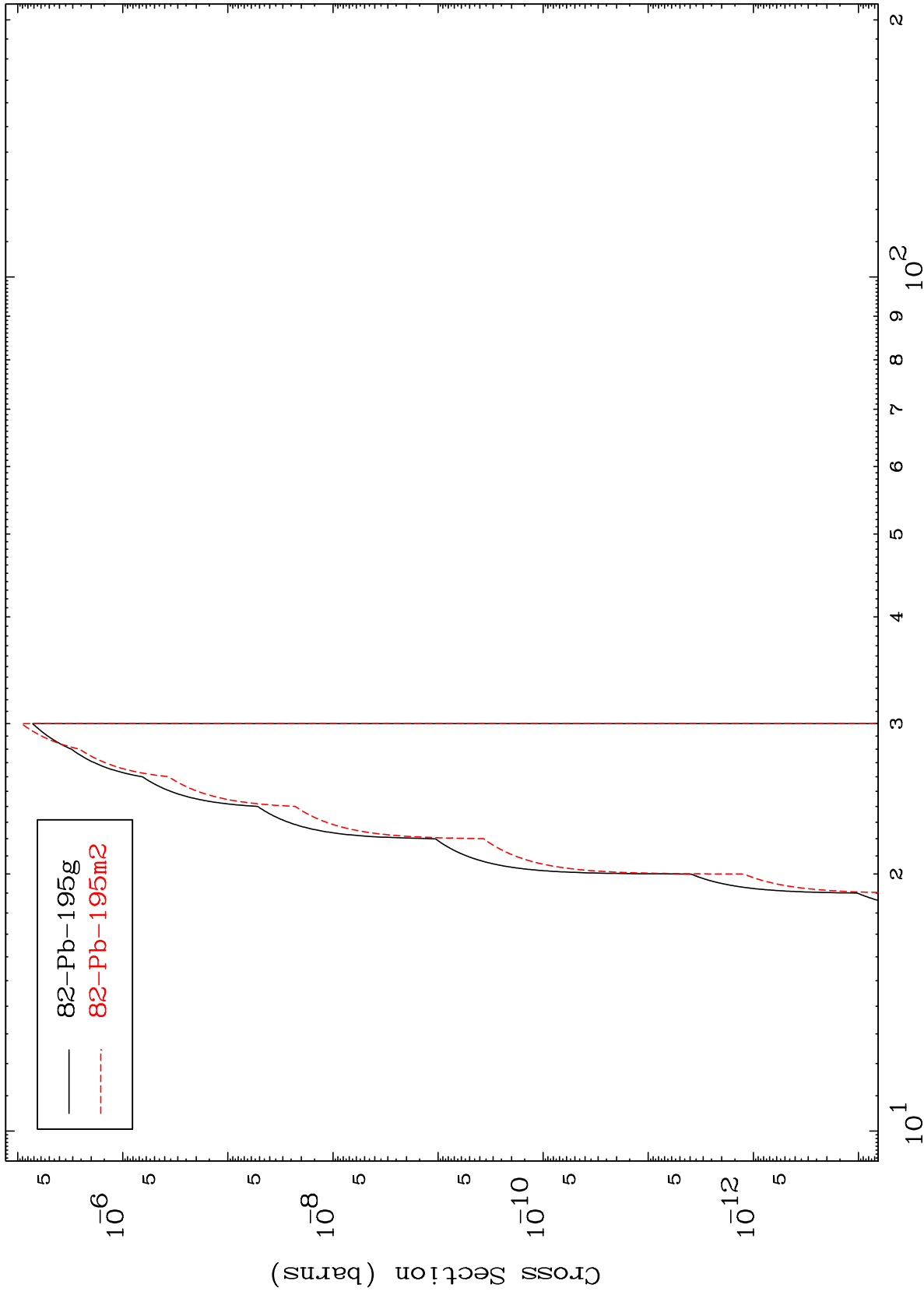
83-Bi-198

MAT 8294

(p,p) t

83-Bi-198

Radionuclide Production Cross Section



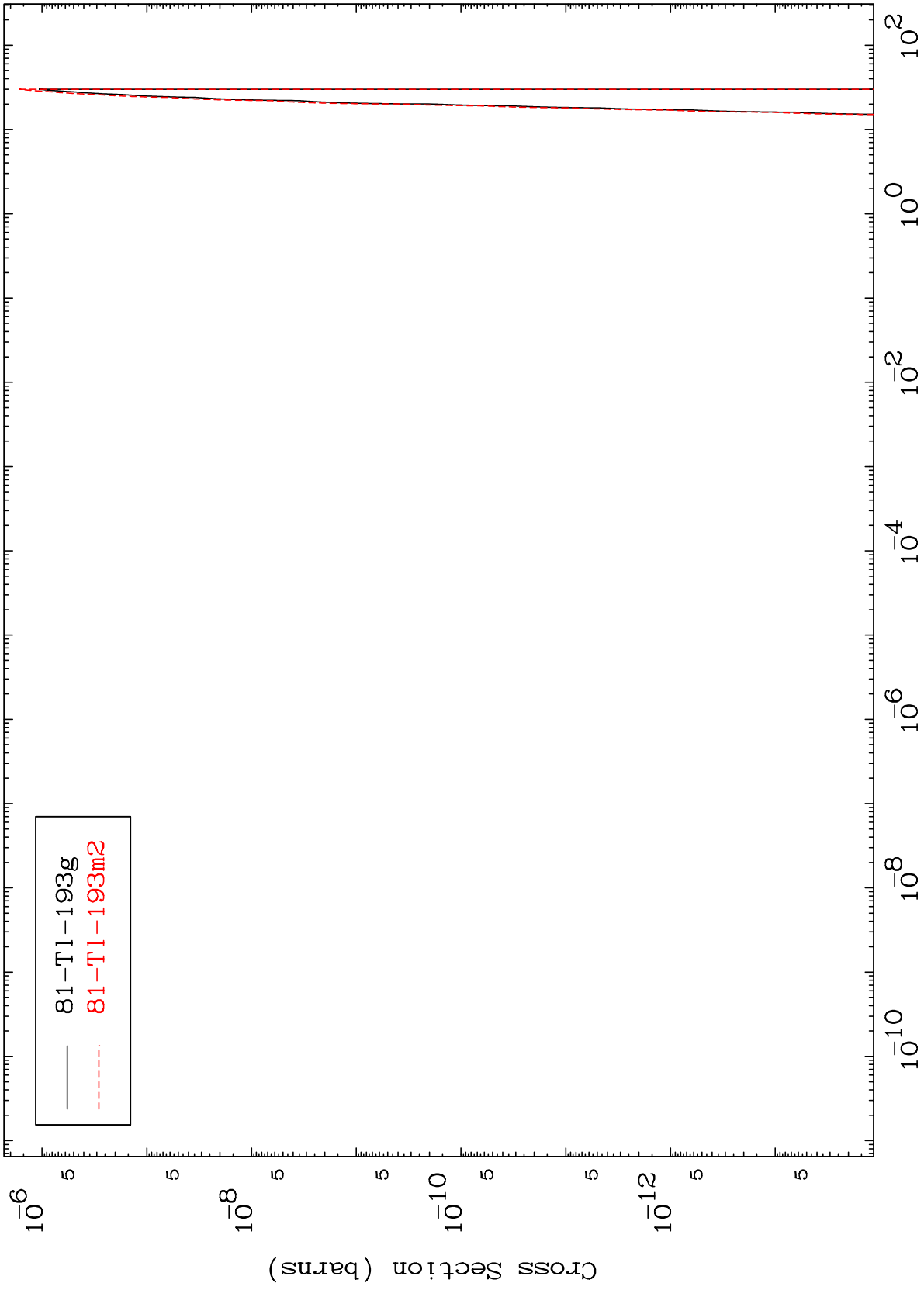
32

MAT 8294

(p,d) α

83-Bi-198

Radionuclide Production Cross Section



33

Incident Energy (MeV)

83-Bi-198