

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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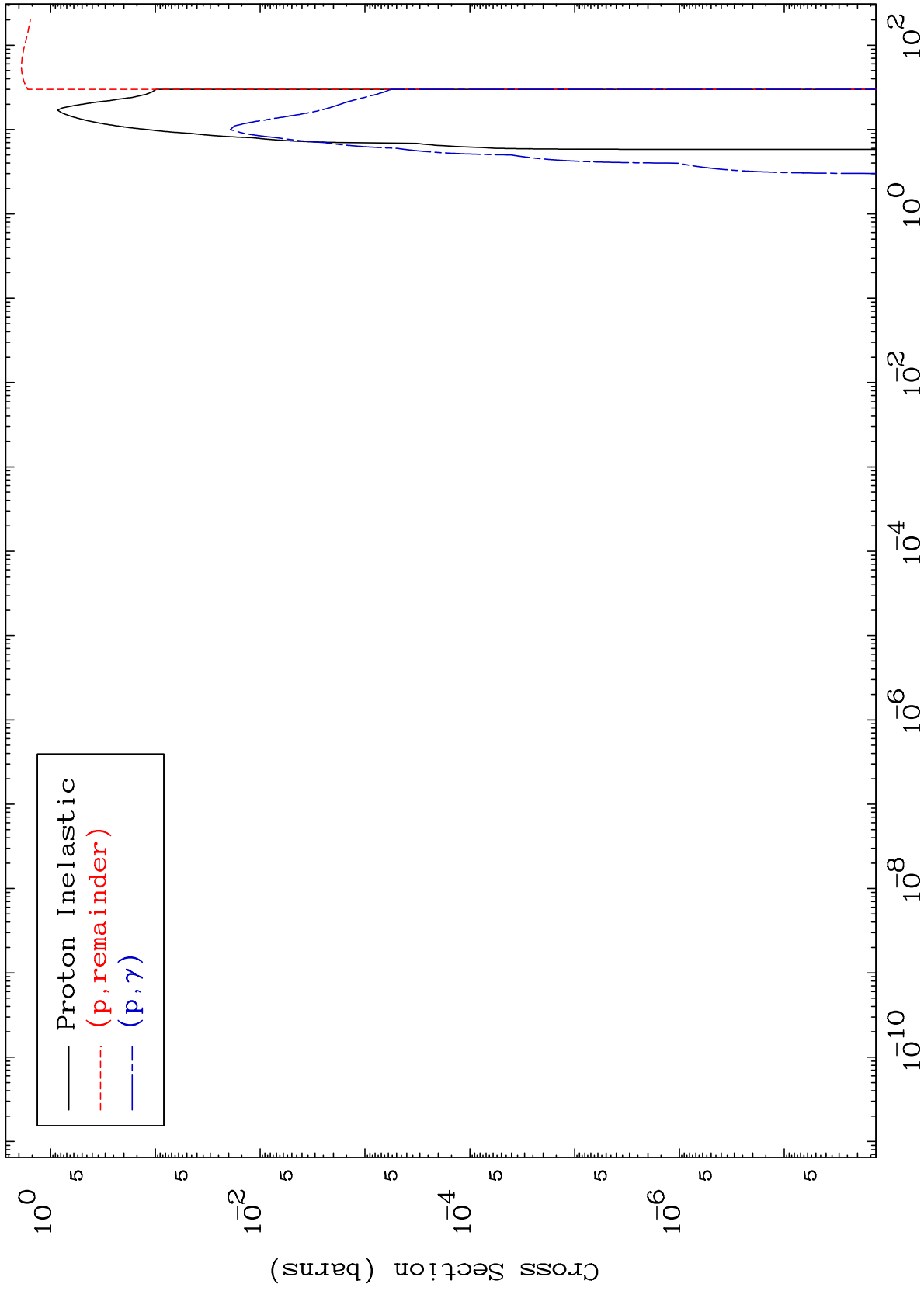
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8004

Proton Major
0 Kelvin Cross Sections

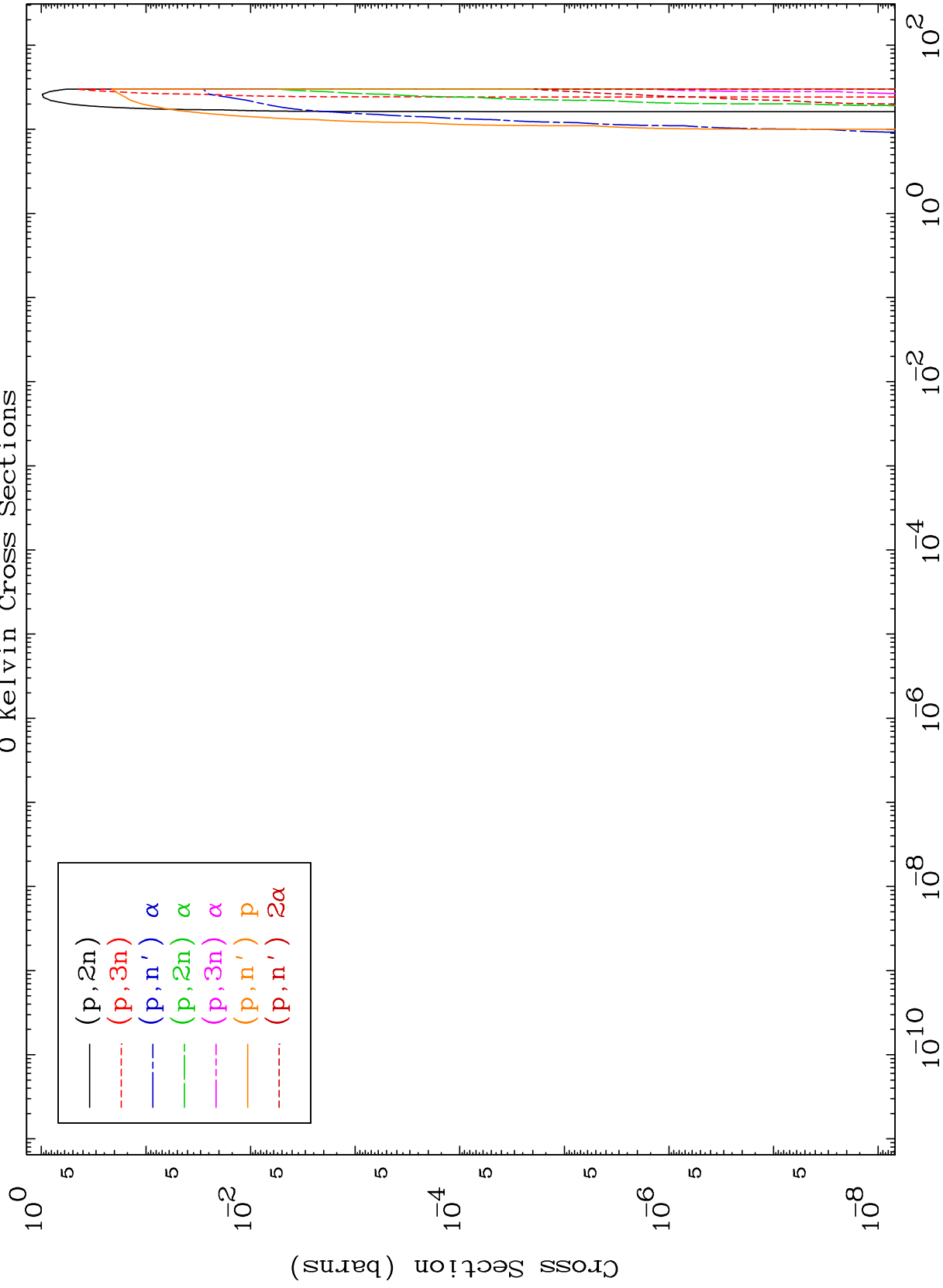
80-Hg-189



MAT 8004

Proton Neutron Production
0 Kelvin Cross Sections

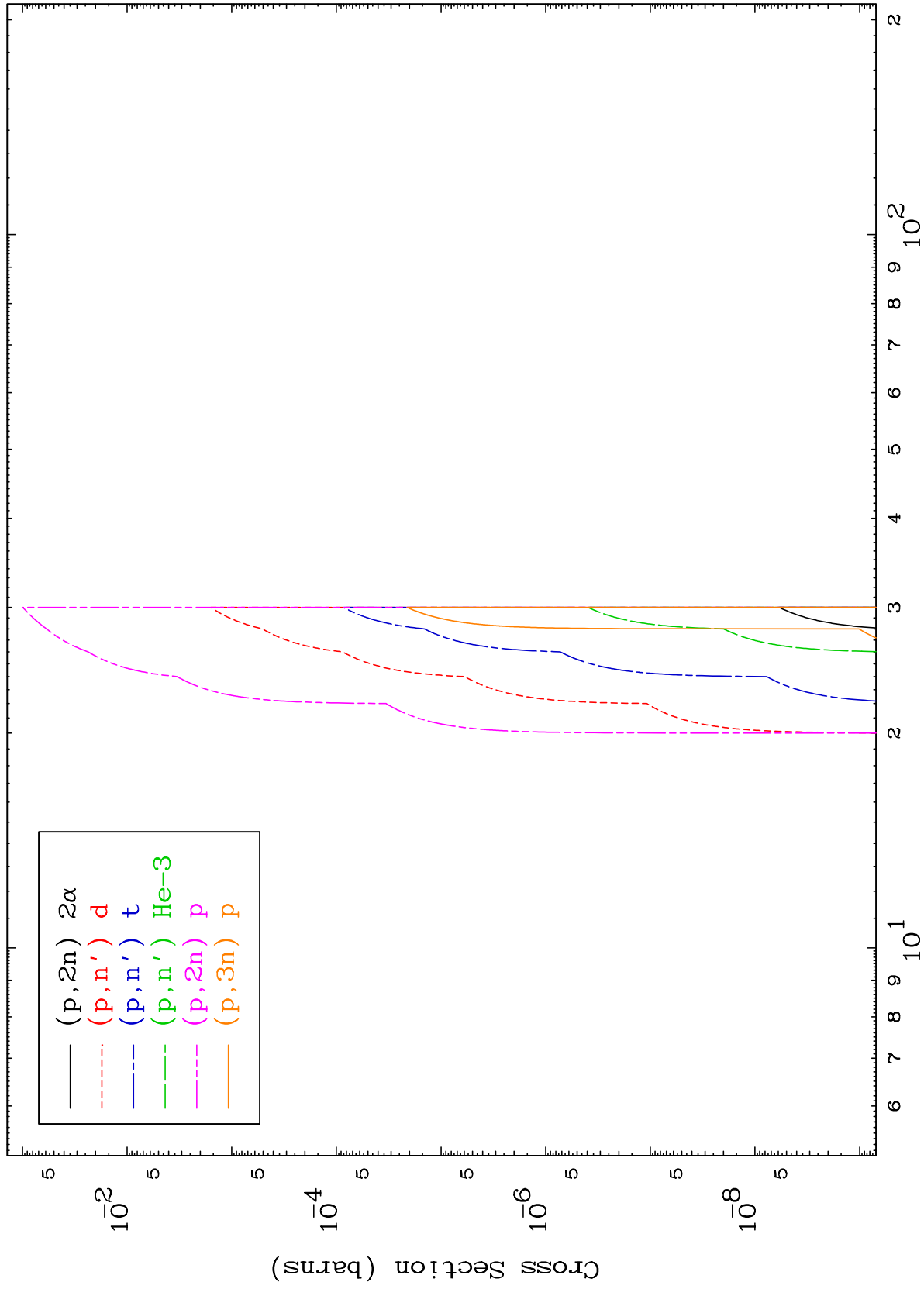
80-Hg-189



2

Incident Energy (MeV)

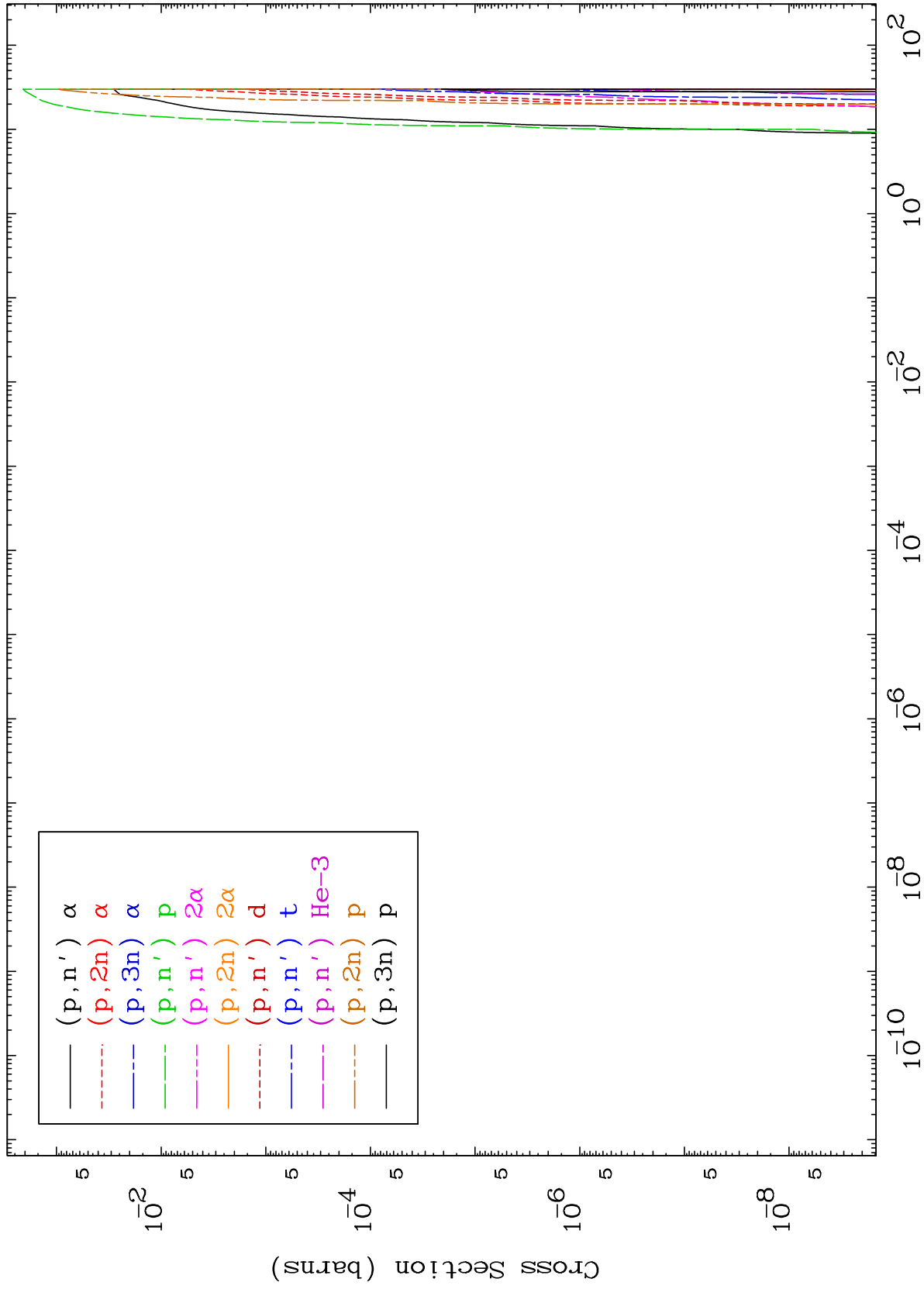
80-Hg-189



MAT 8004

Proton Charged Particle
0 Kelvin Cross Sections

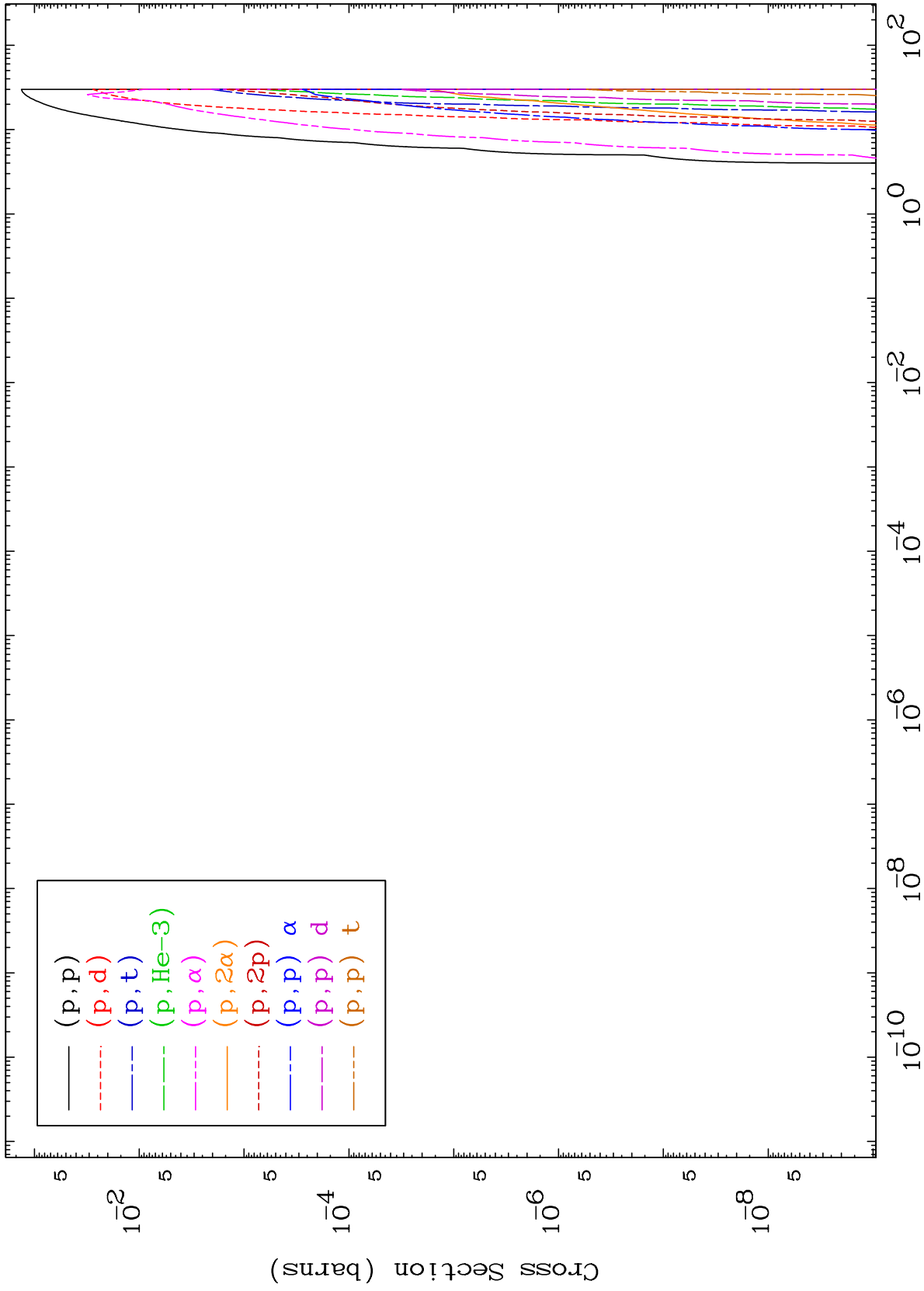
80-Hg-189



MAT 8004

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-189



5

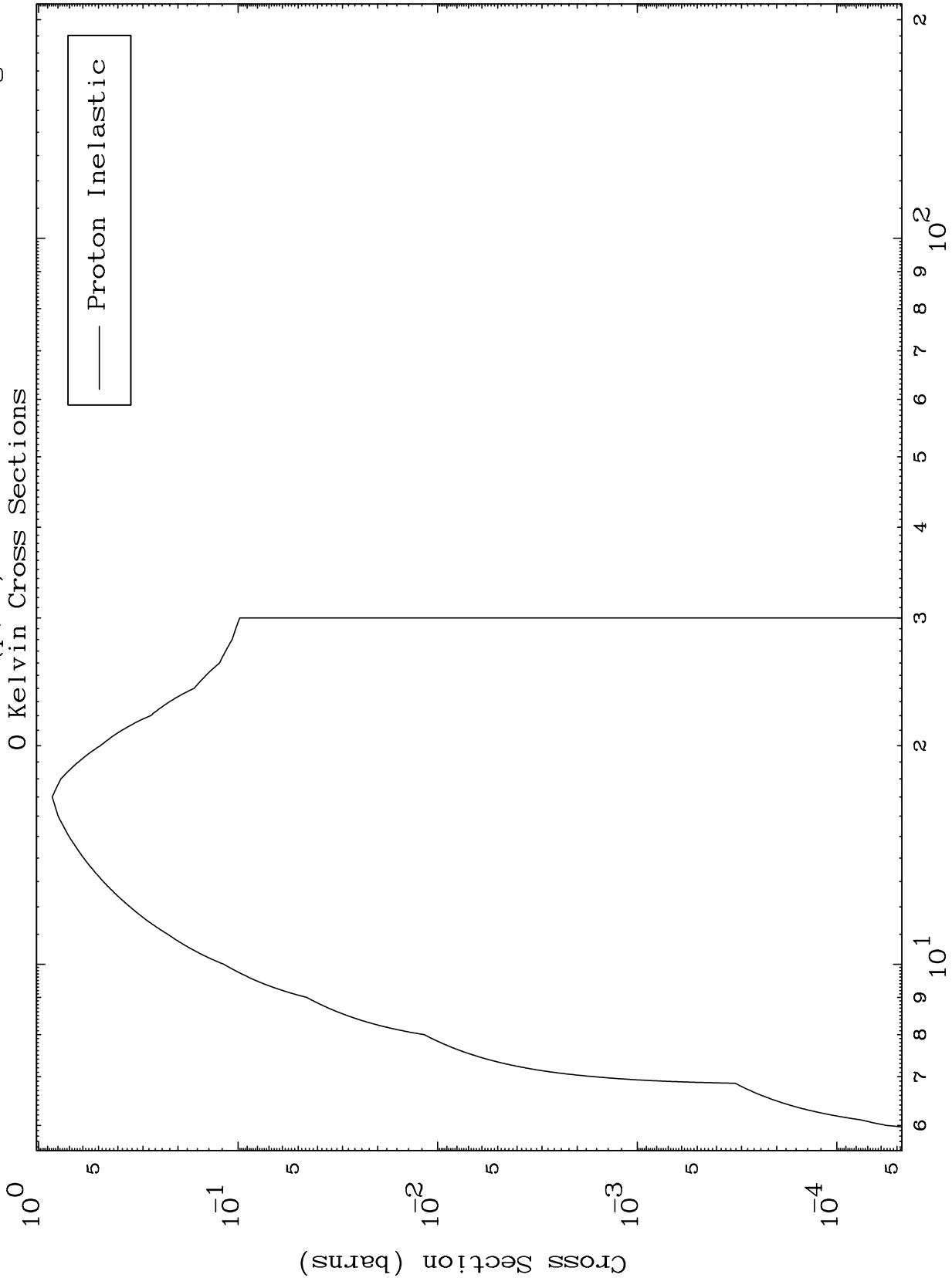
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p,n') Level
0 Kelvin Cross Sections

80-Hg-189



— Proton Inelastic

6

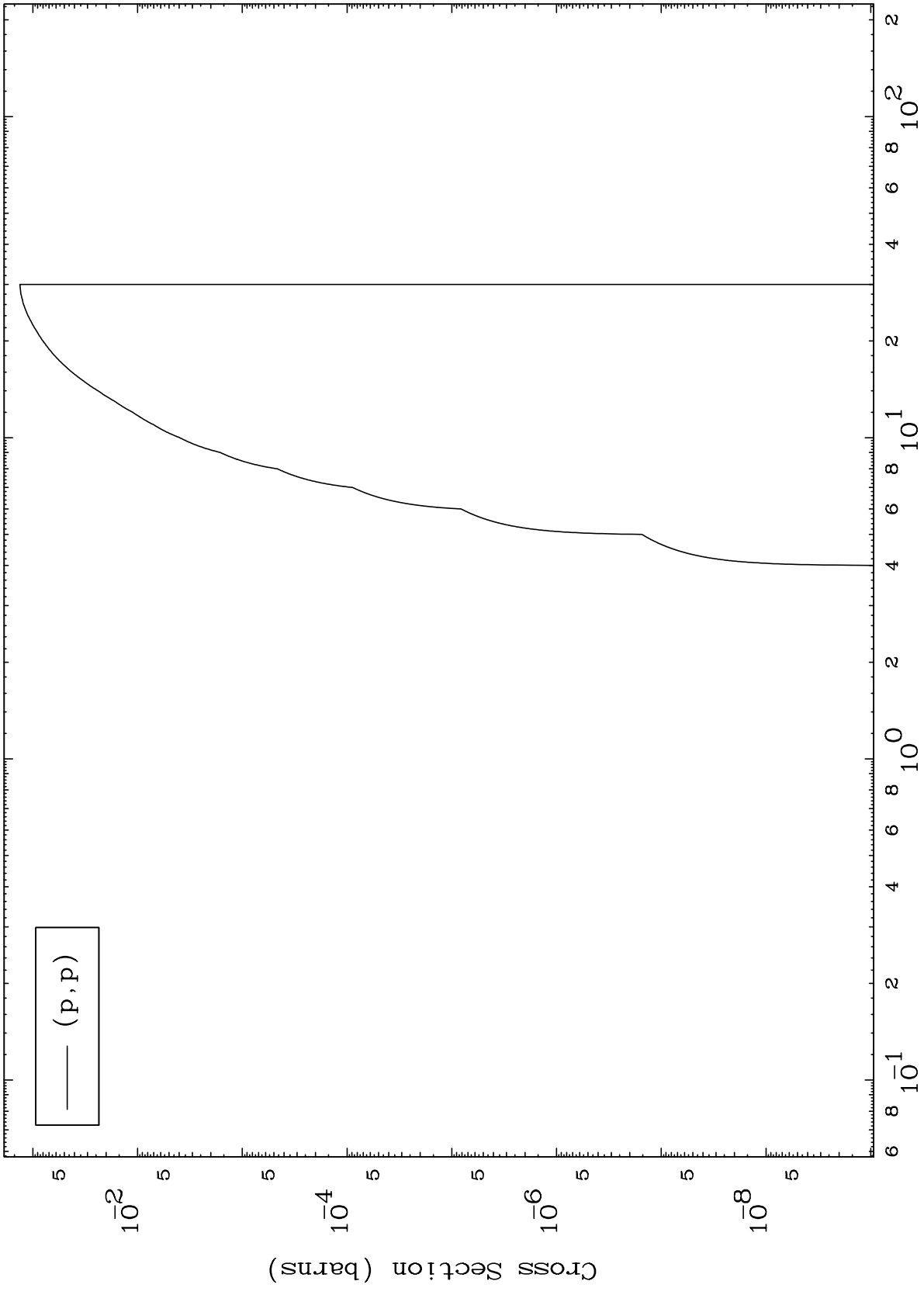
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p,p) Levels
0 Kelvin Cross Sections

80-Hg-189



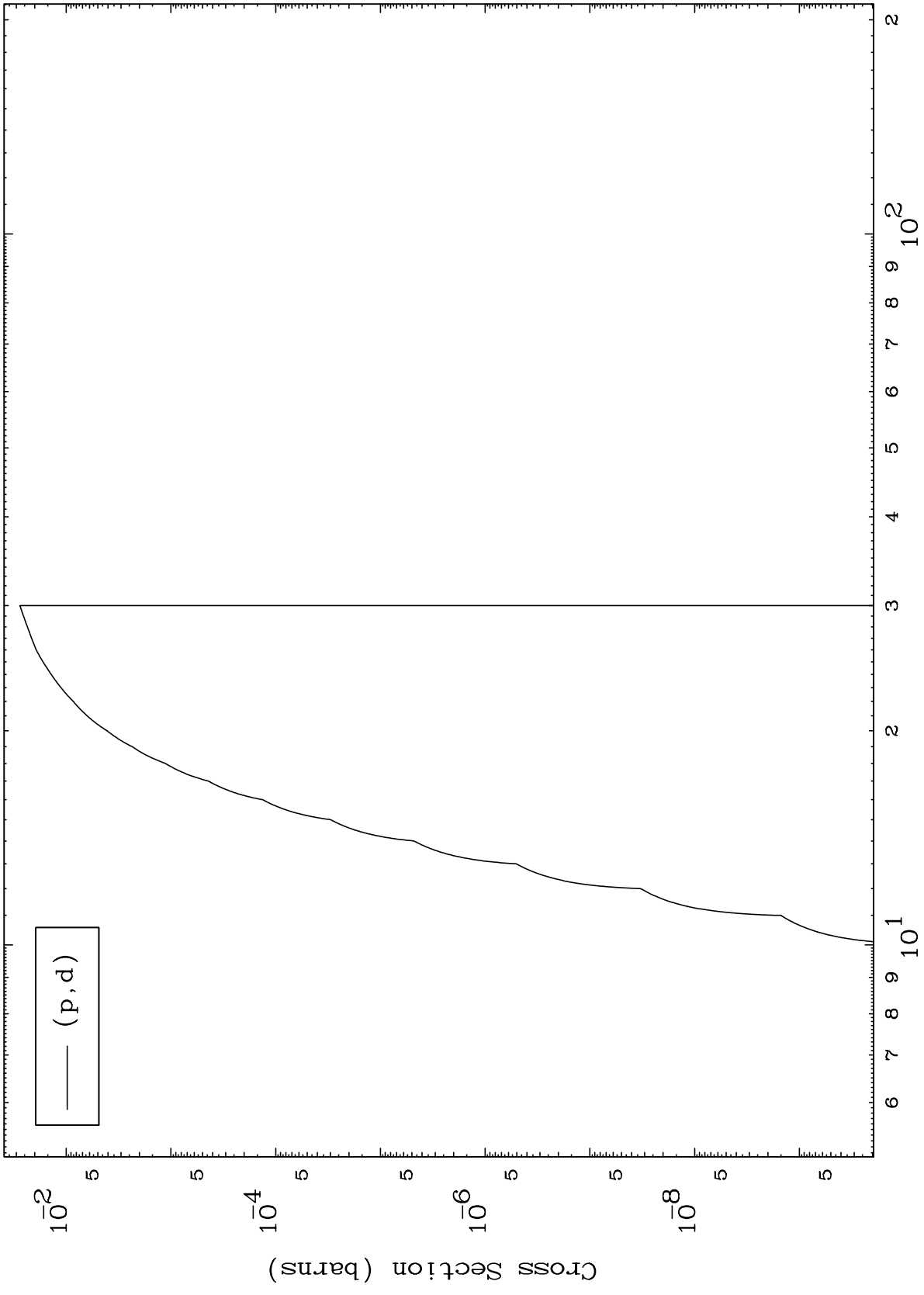
7

80-Hg-189

MAT 8004

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-189

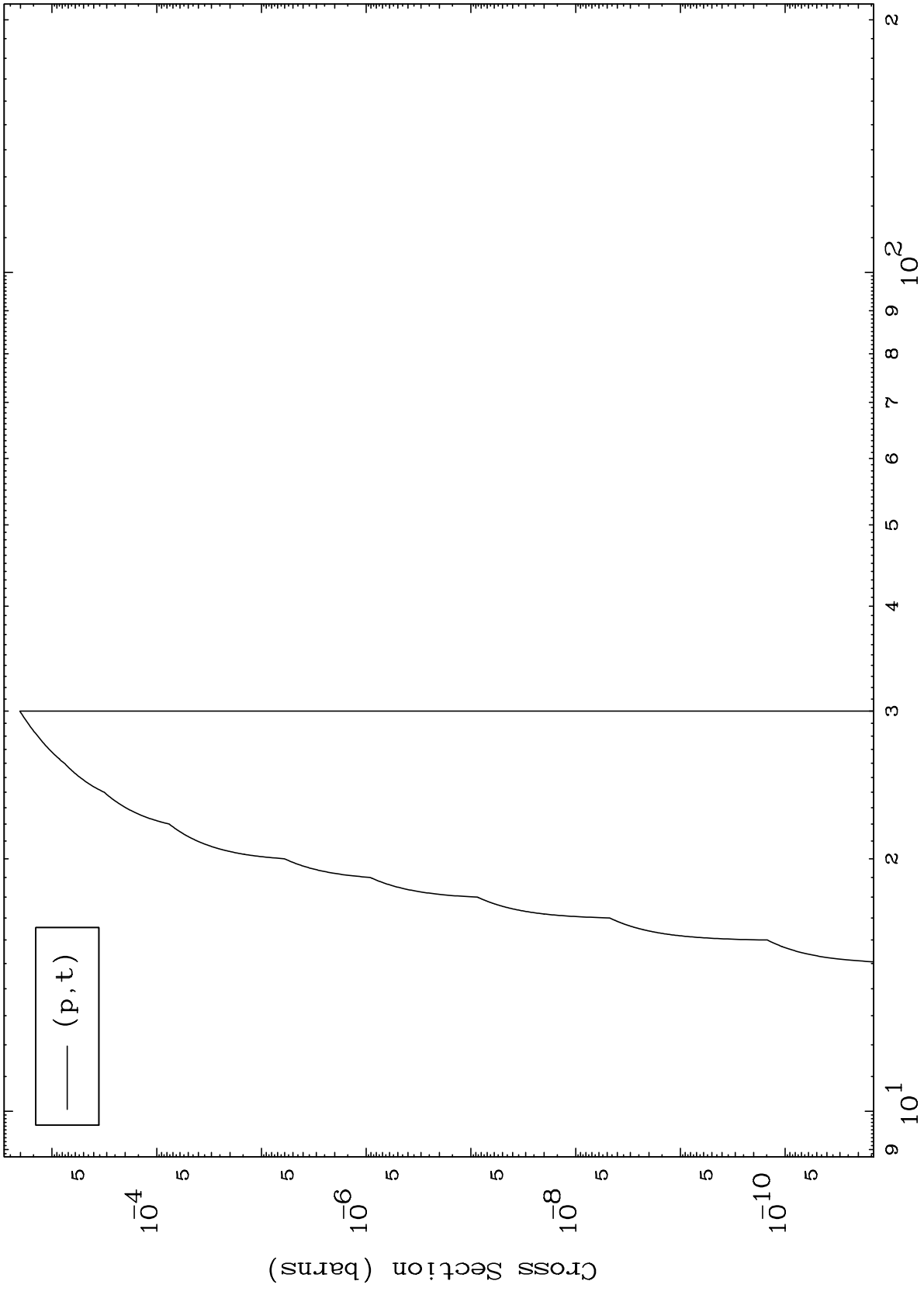


8

MAT 8004

(p,t) Levels
0 Kelvin Cross Sections

80-Hg-189



9 10¹

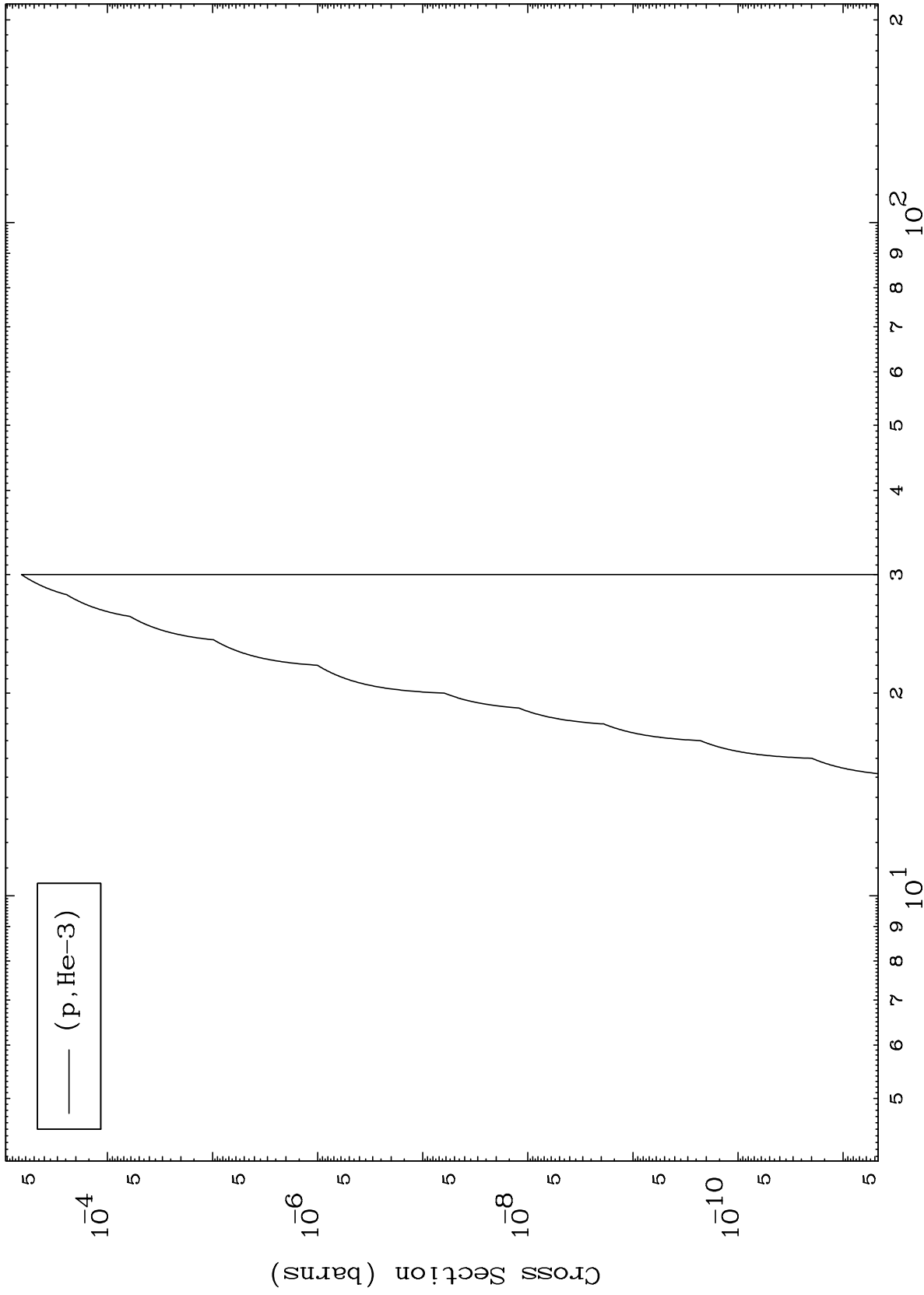
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-189



(p, He-3)

10

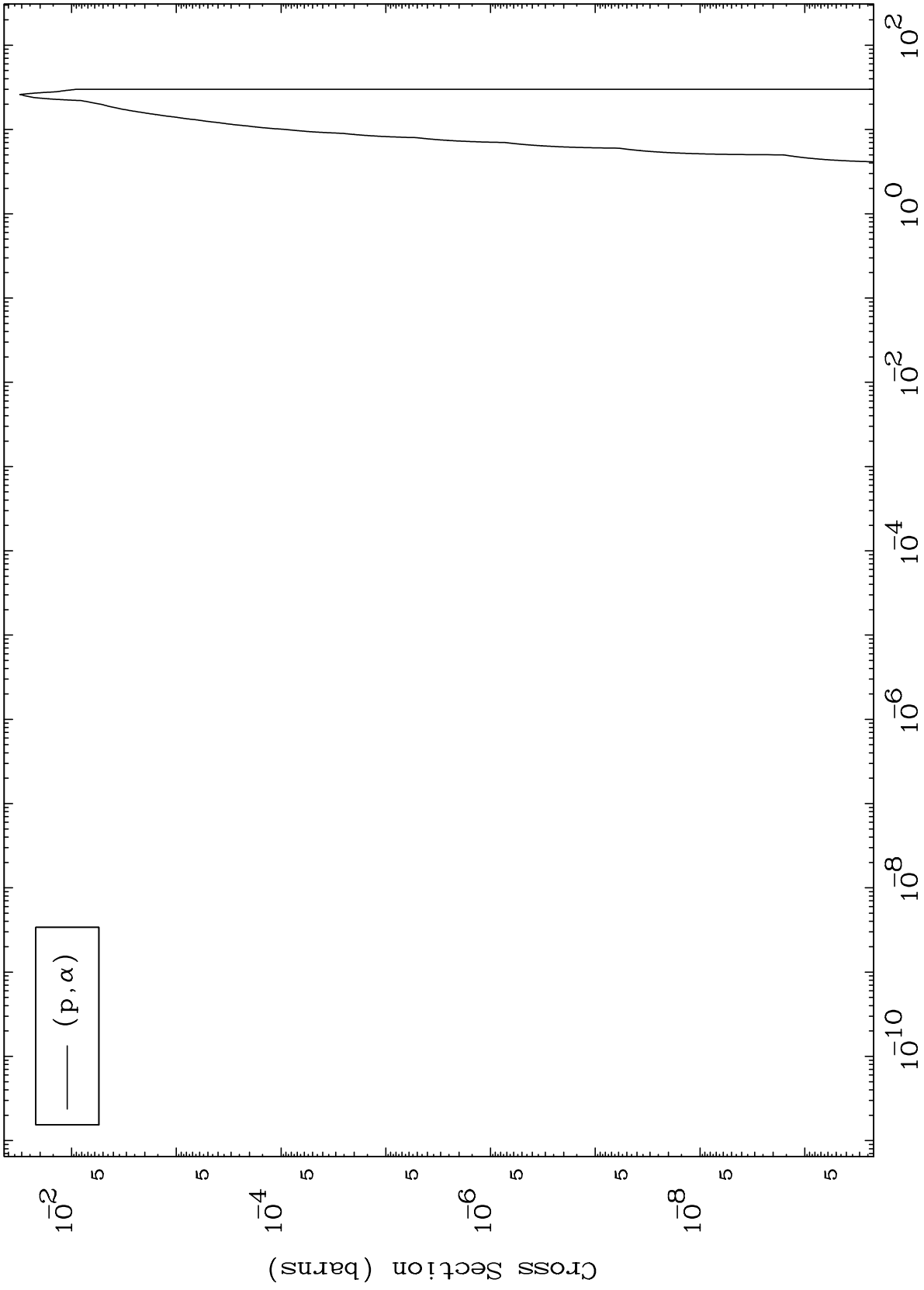
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p, α) Levels
0 Kelvin Cross Sections

80-Hg-189



11

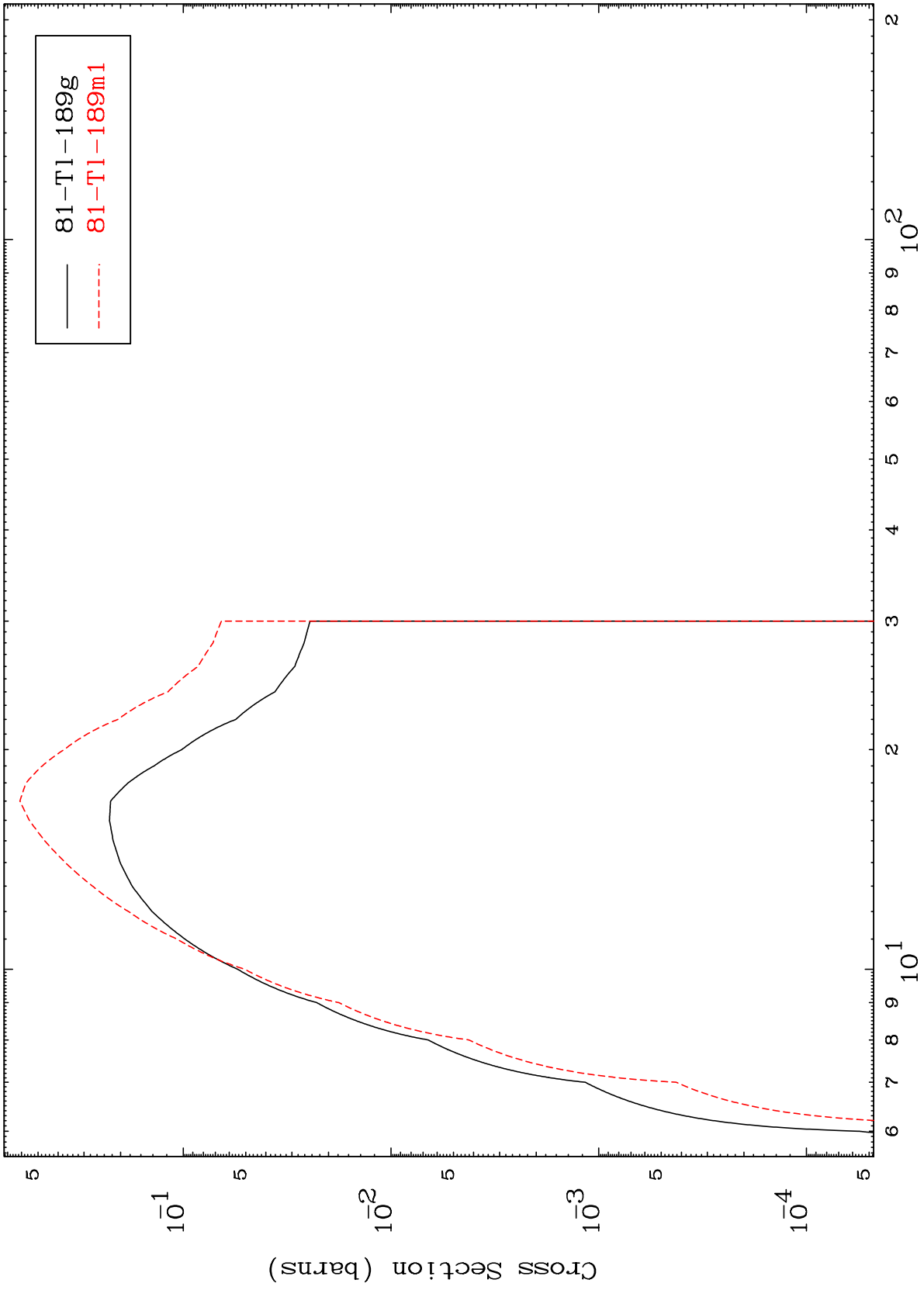
Incident Energy (MeV)

80-Hg-189

MAT 8004

Proton Inelastic
Radionuclide Production Cross Section

80-Hg-189



12

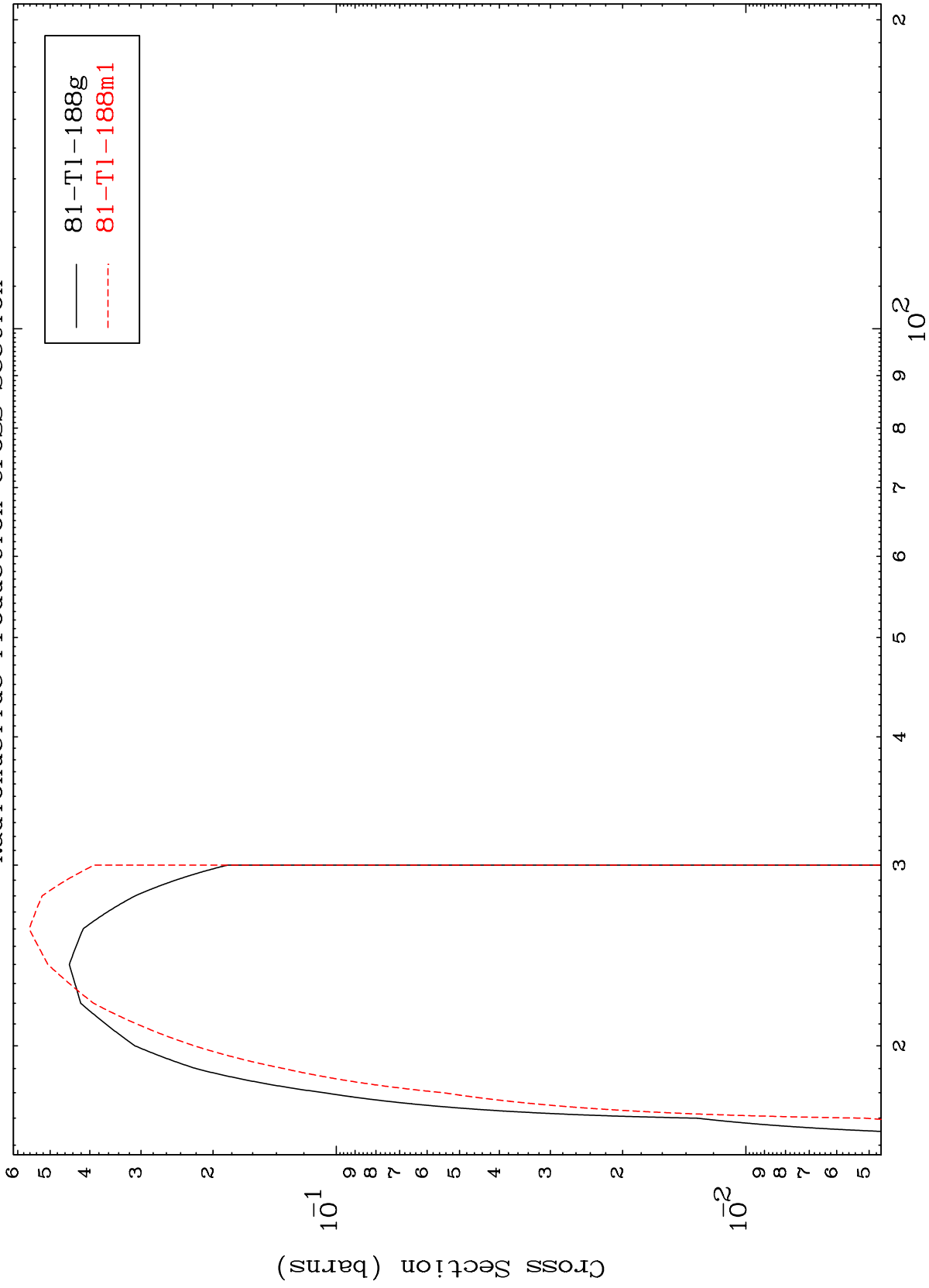
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(p,2n)
Radionuclide Production Cross Section



13

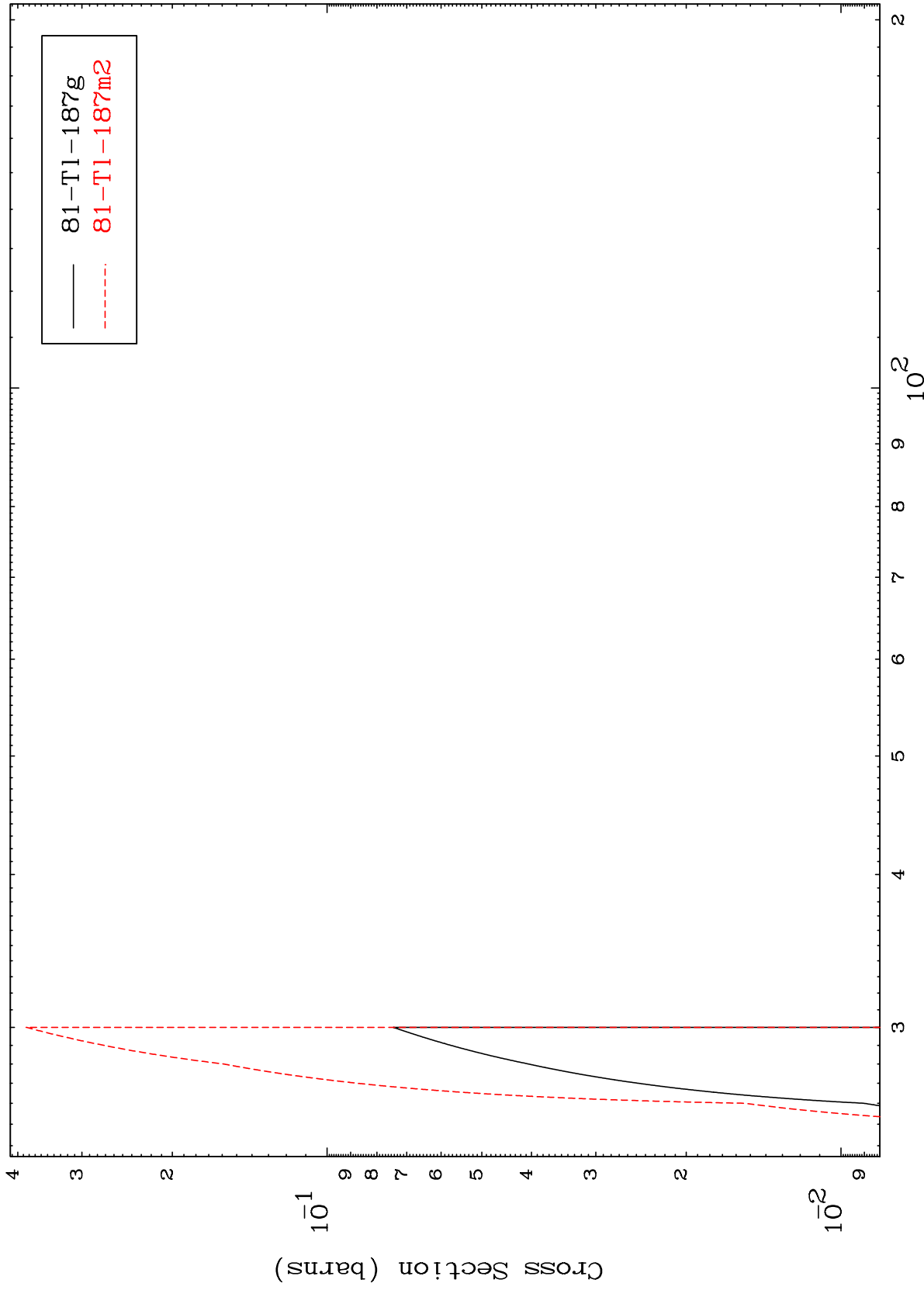
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(p,3n)
Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

14

Incident Energy (MeV)

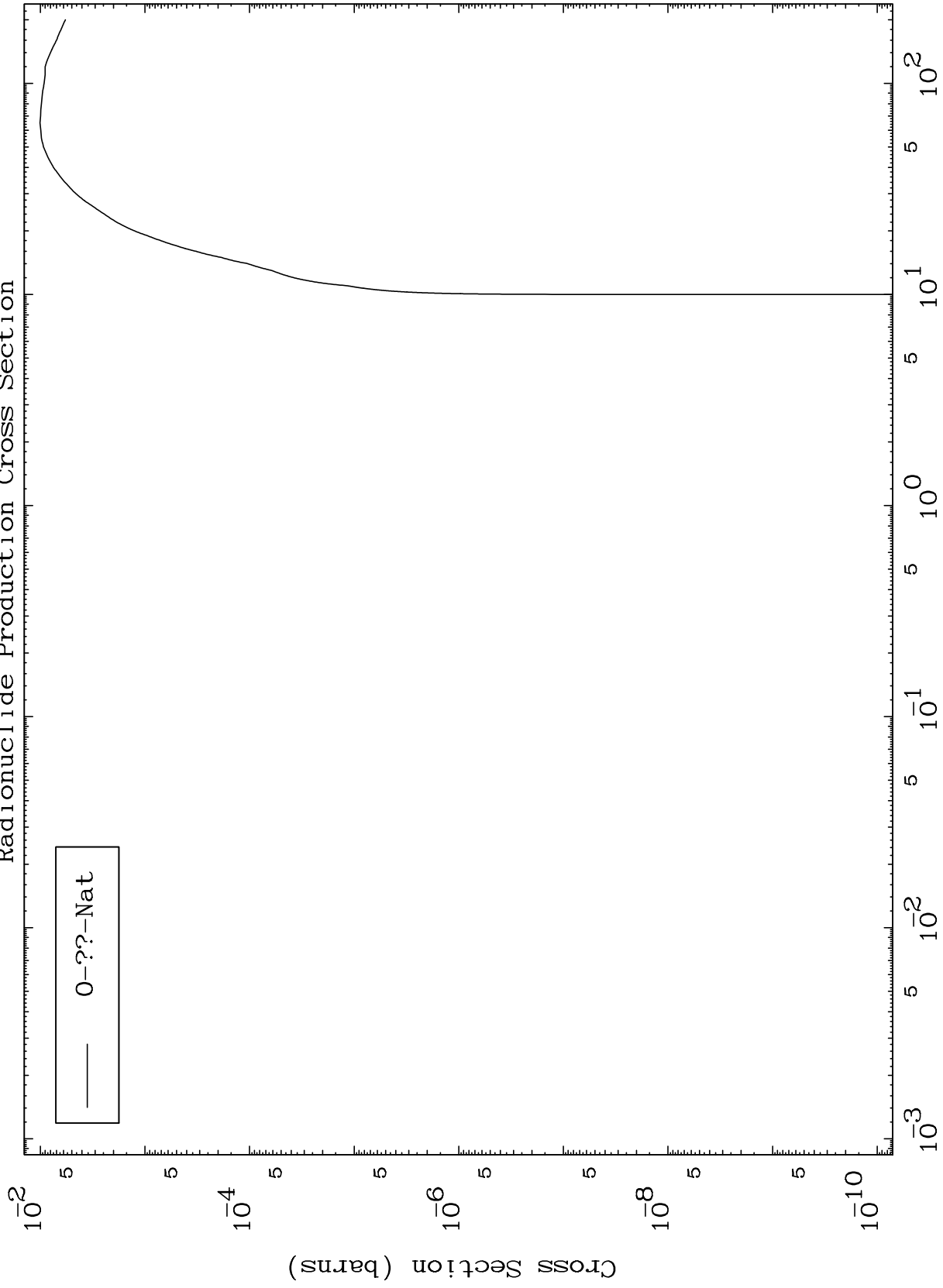
80-Hg-189

MAT 8004

Proton Fission

80-Hg-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

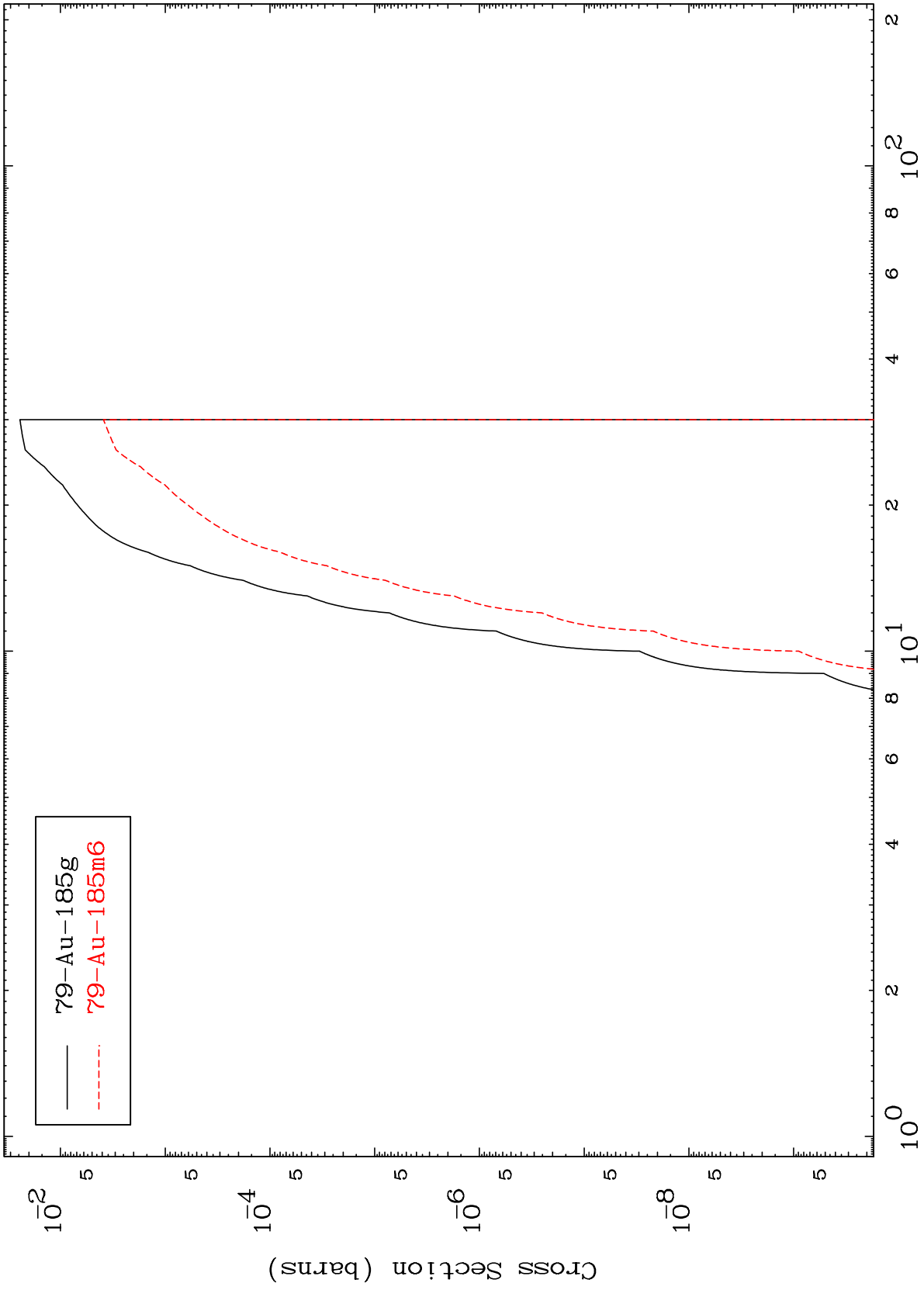
80-Hg-189

MAT 8004

(p,n') α

80-Hg-189

Radionuclide Production Cross Section



— 79-Au-185g
- - - 79-Au-185m6

Incident Energy (MeV)

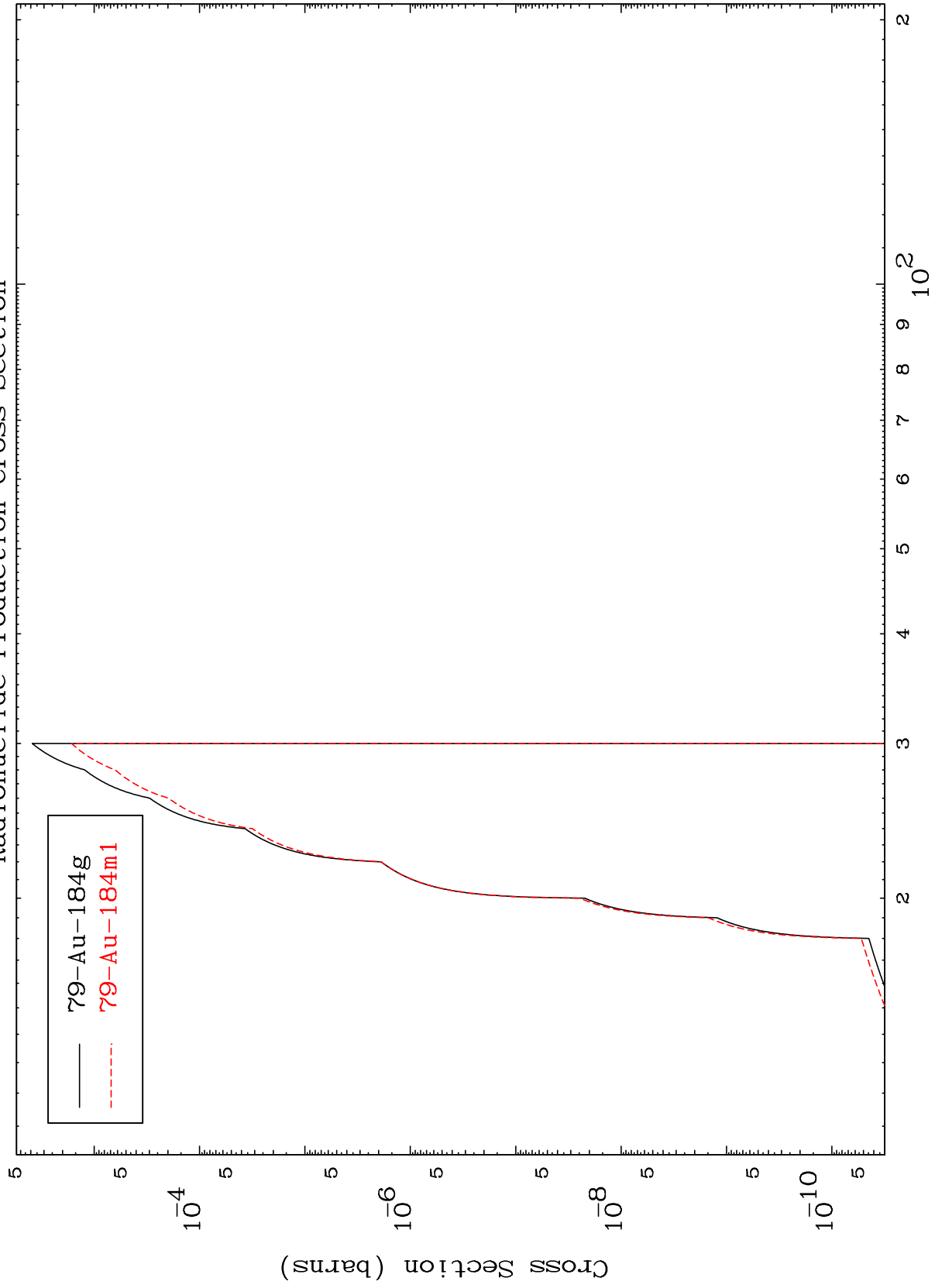
80-Hg-189

MAT 8004

(p,2n) α

80-Hg-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

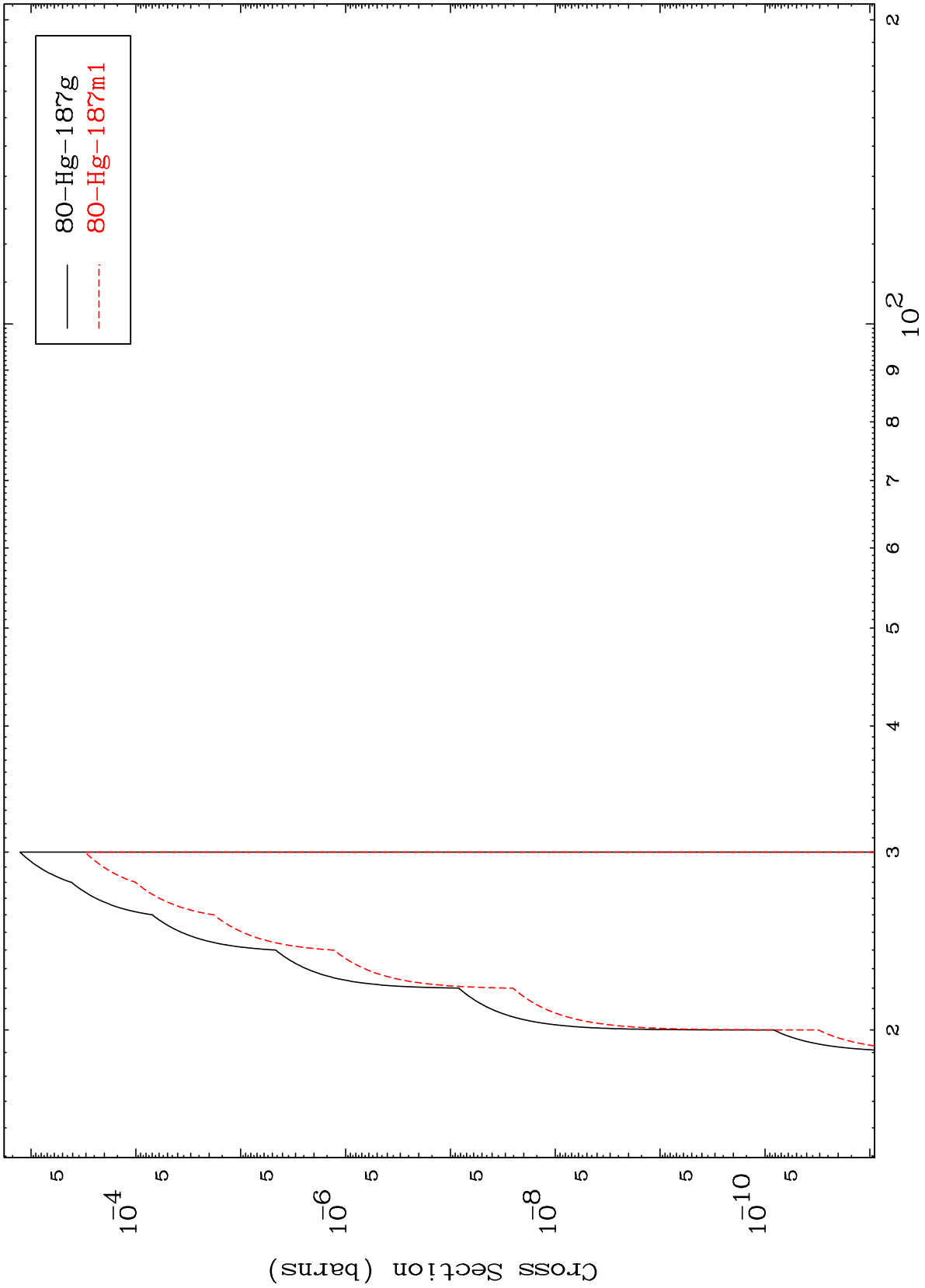
80-Hg-189

MAT 8004

(p,n') d

80-Hg-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

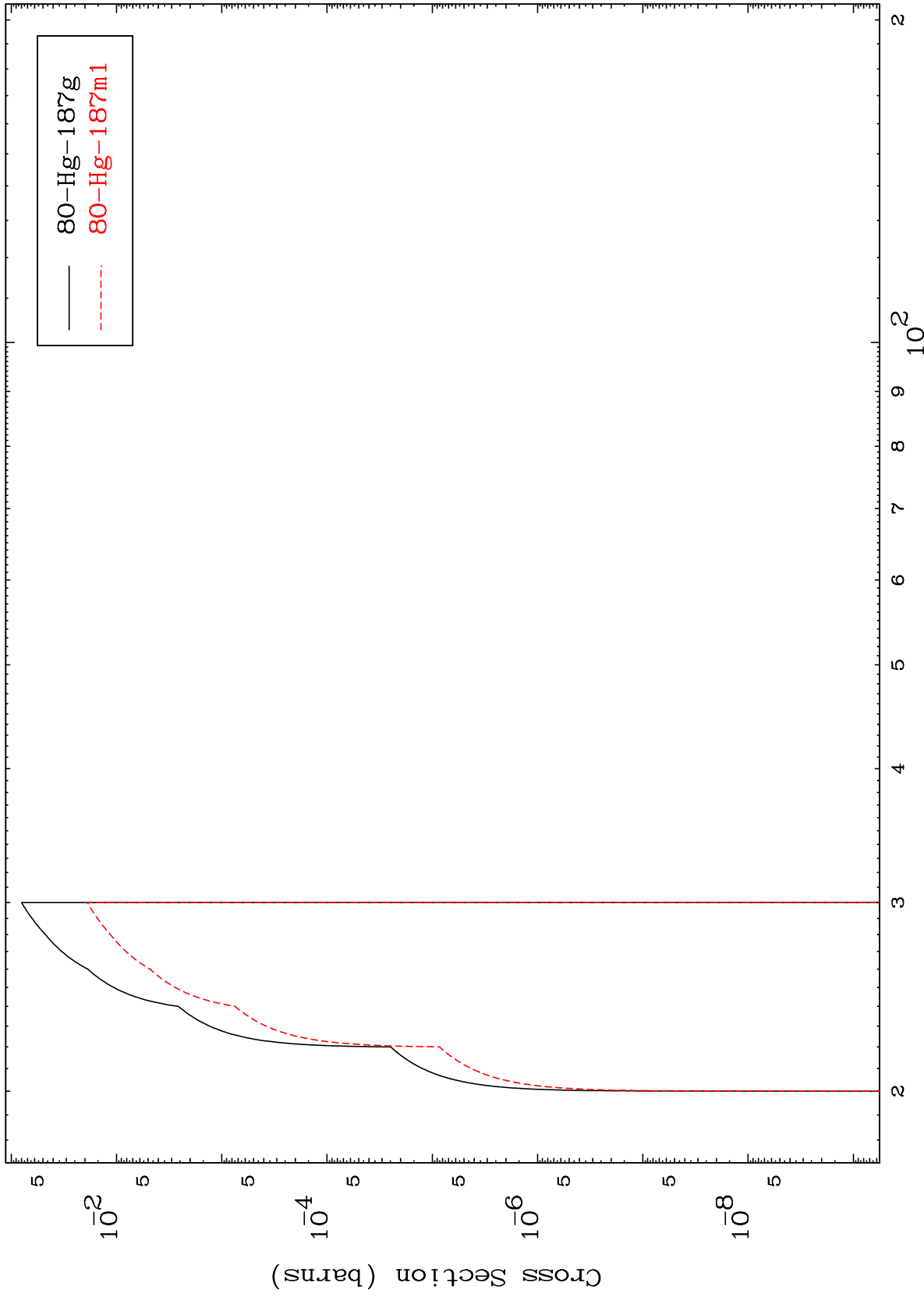
80-Hg-189

MAT 8004

(p,2n) p

80-Hg-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

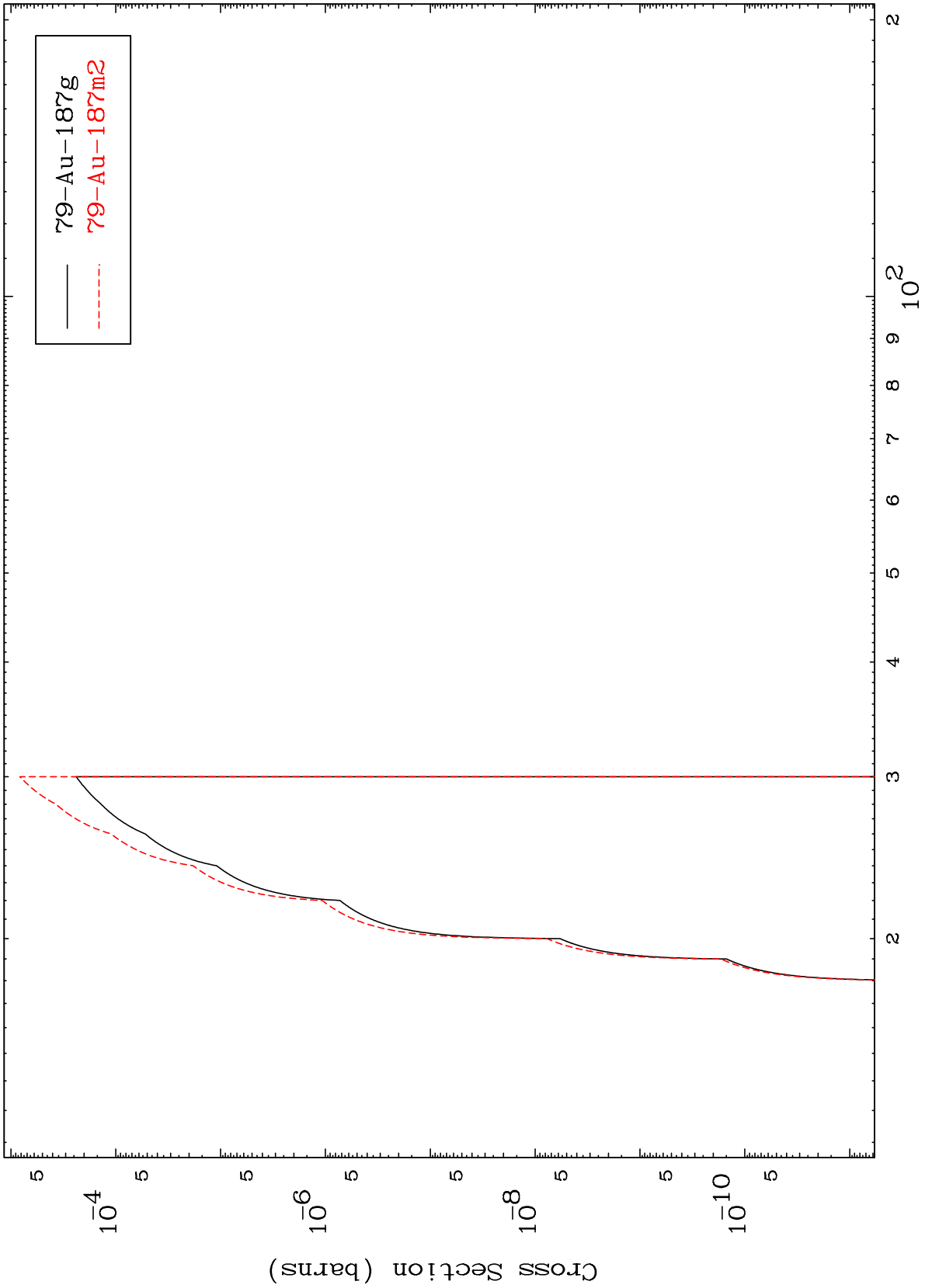
80-Hg-189

MAT 8004

(p,2n) p

80-Hg-189

Radionuclide Production Cross Section



20

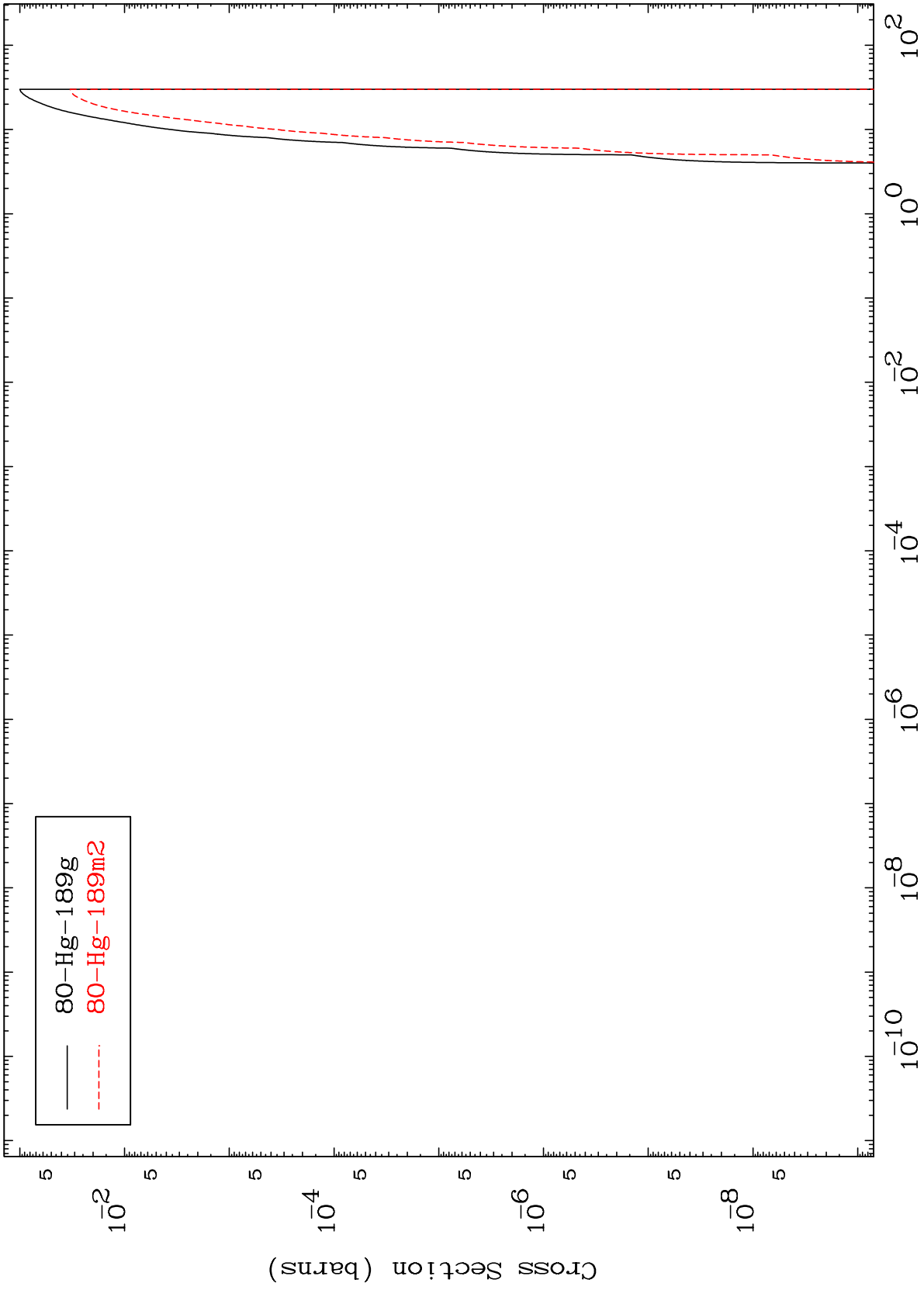
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p,p)
Radionuclide Production Cross Section

80-Hg-189

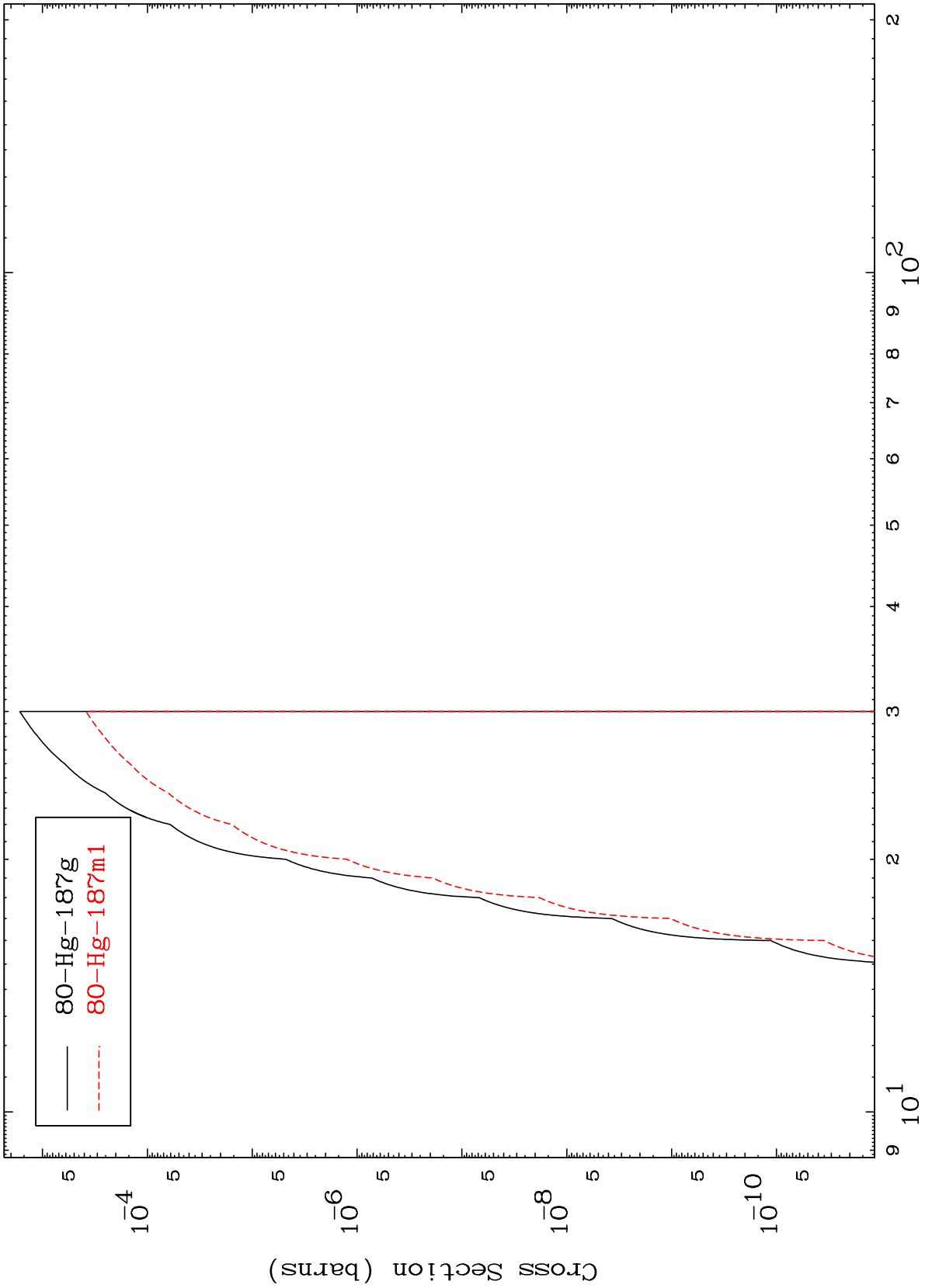


80-Hg-189

MAT 8004

Radionuclide Production Cross Section
(p, t)

80-Hg-189



22

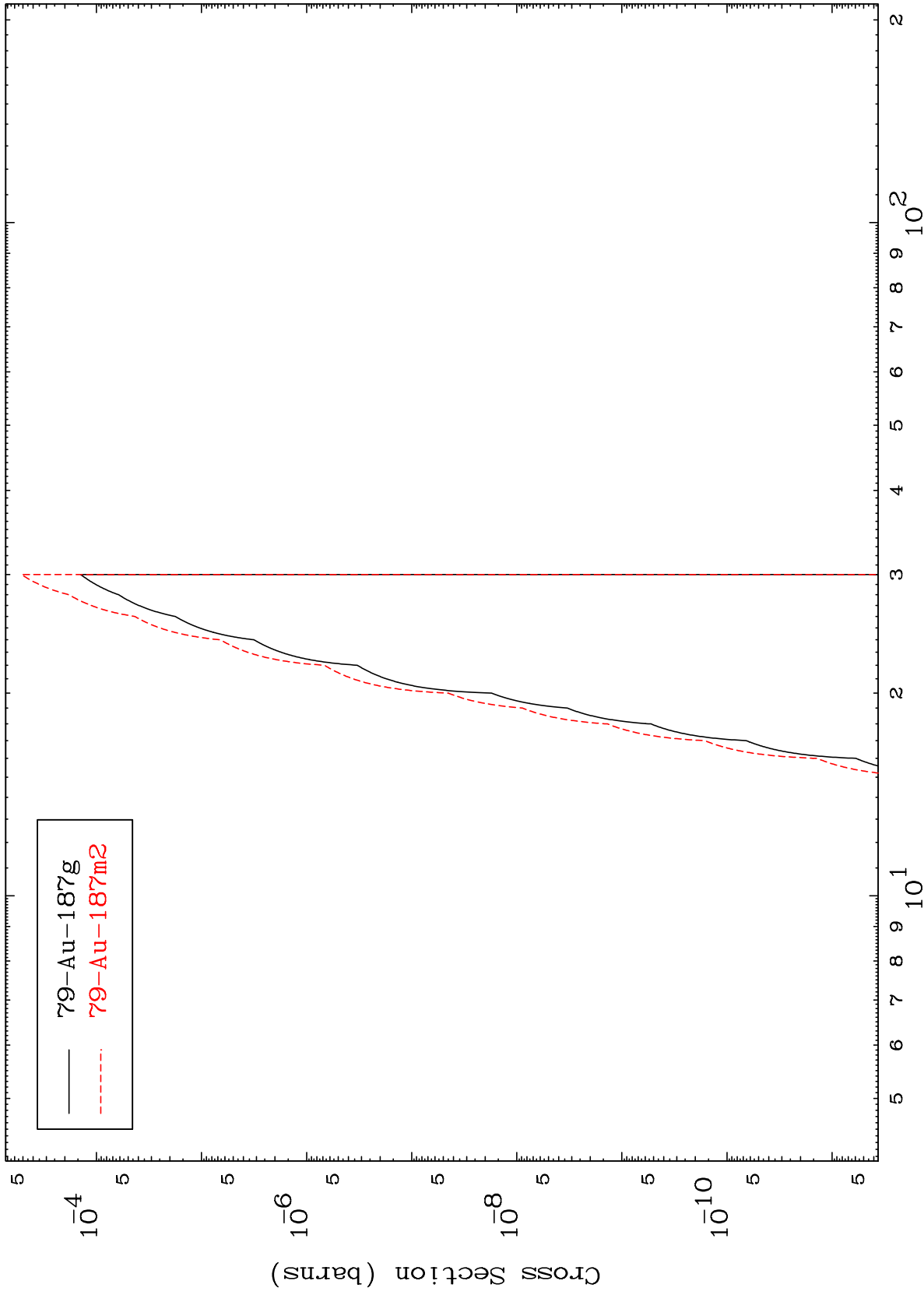
80-Hg-189

MAT 8004

(p,He-3)

80-Hg-189

Radionuclide Production Cross Section



23

Incident Energy (MeV)

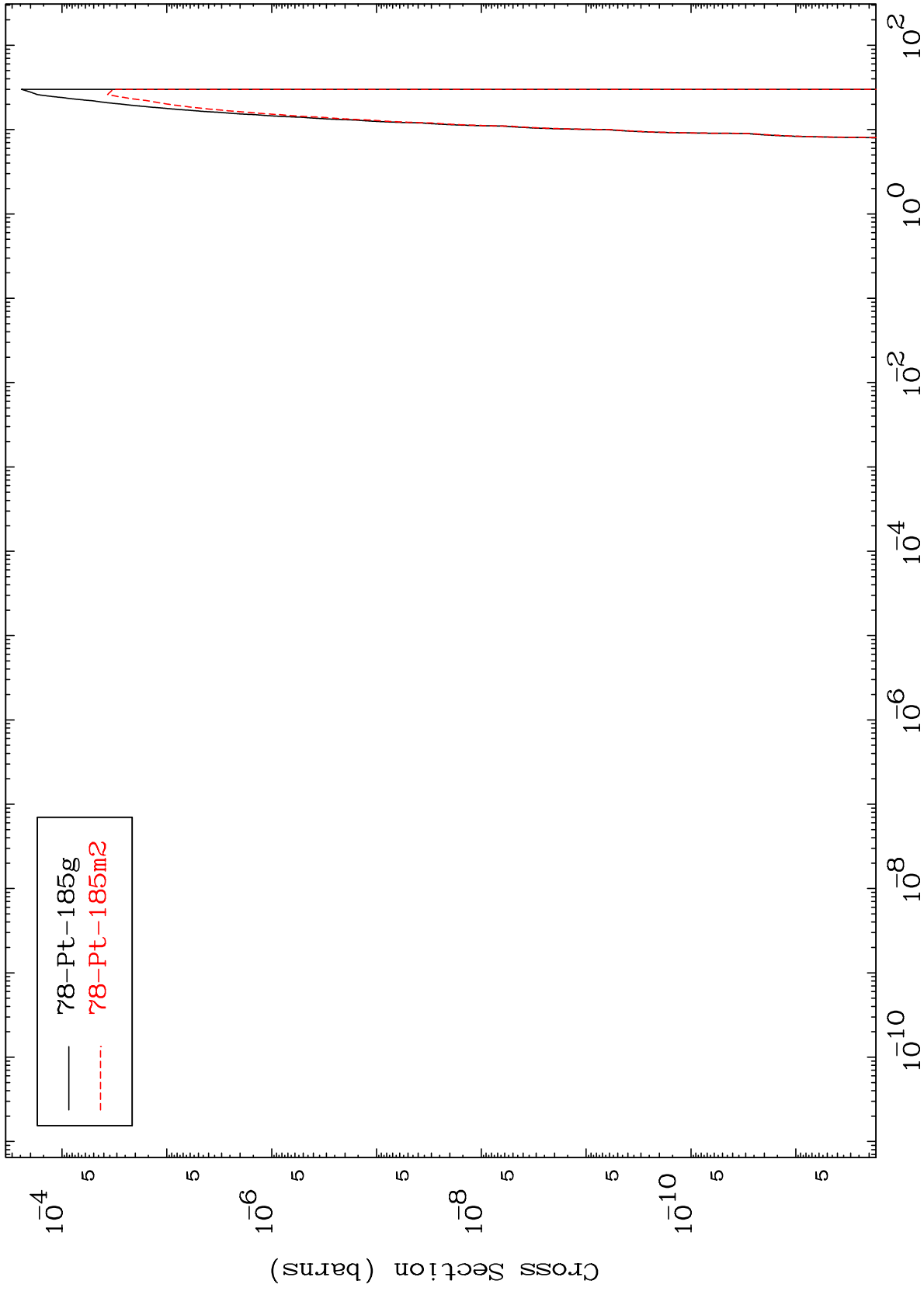
80-Hg-189

MAT 8004

(p,p) α

80-Hg-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

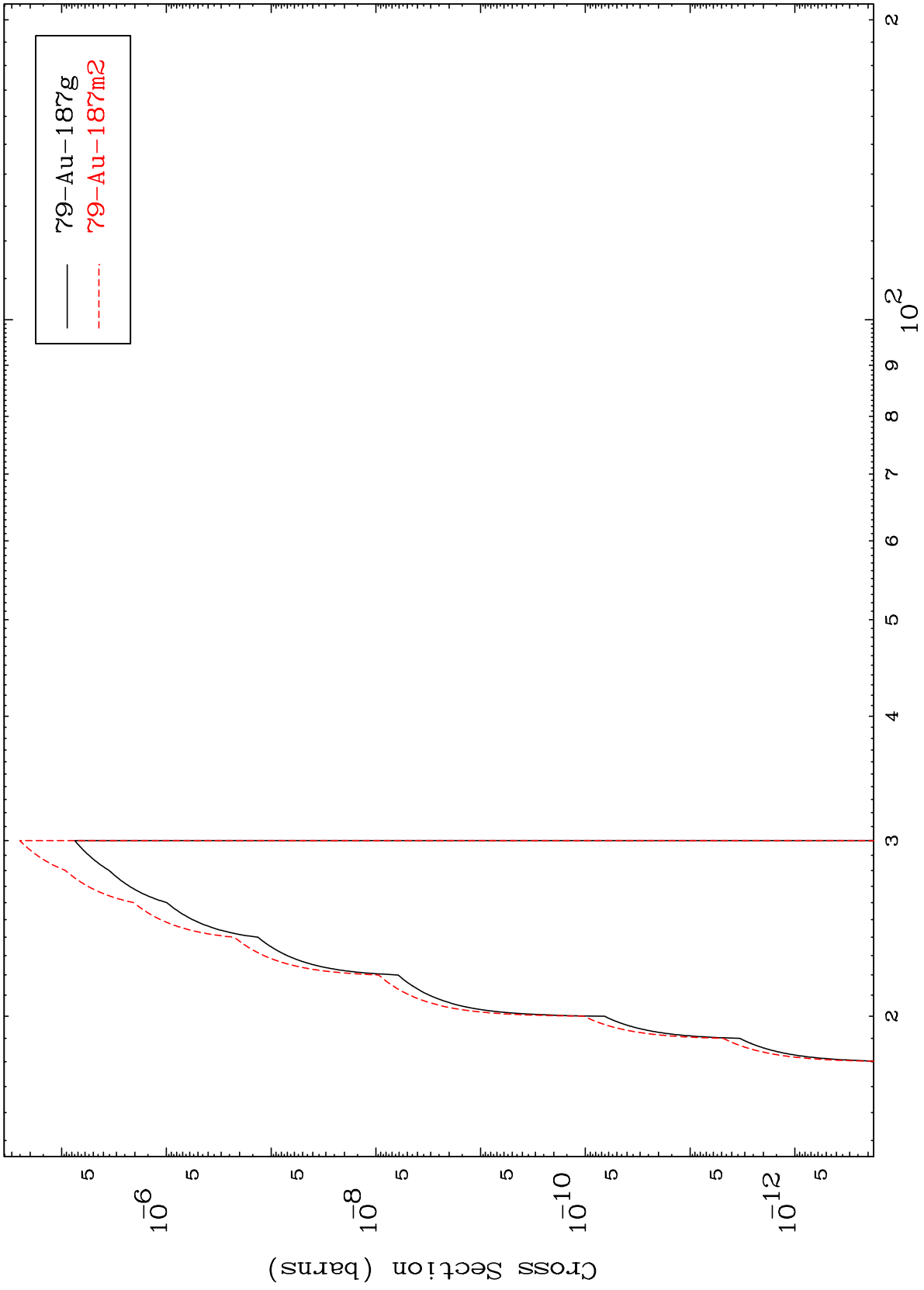
80-Hg-189

MAT 8004

(p,p) d

80-Hg-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

80-Hg-189