

Program EVALPLOT
(Version 2017-1)

by

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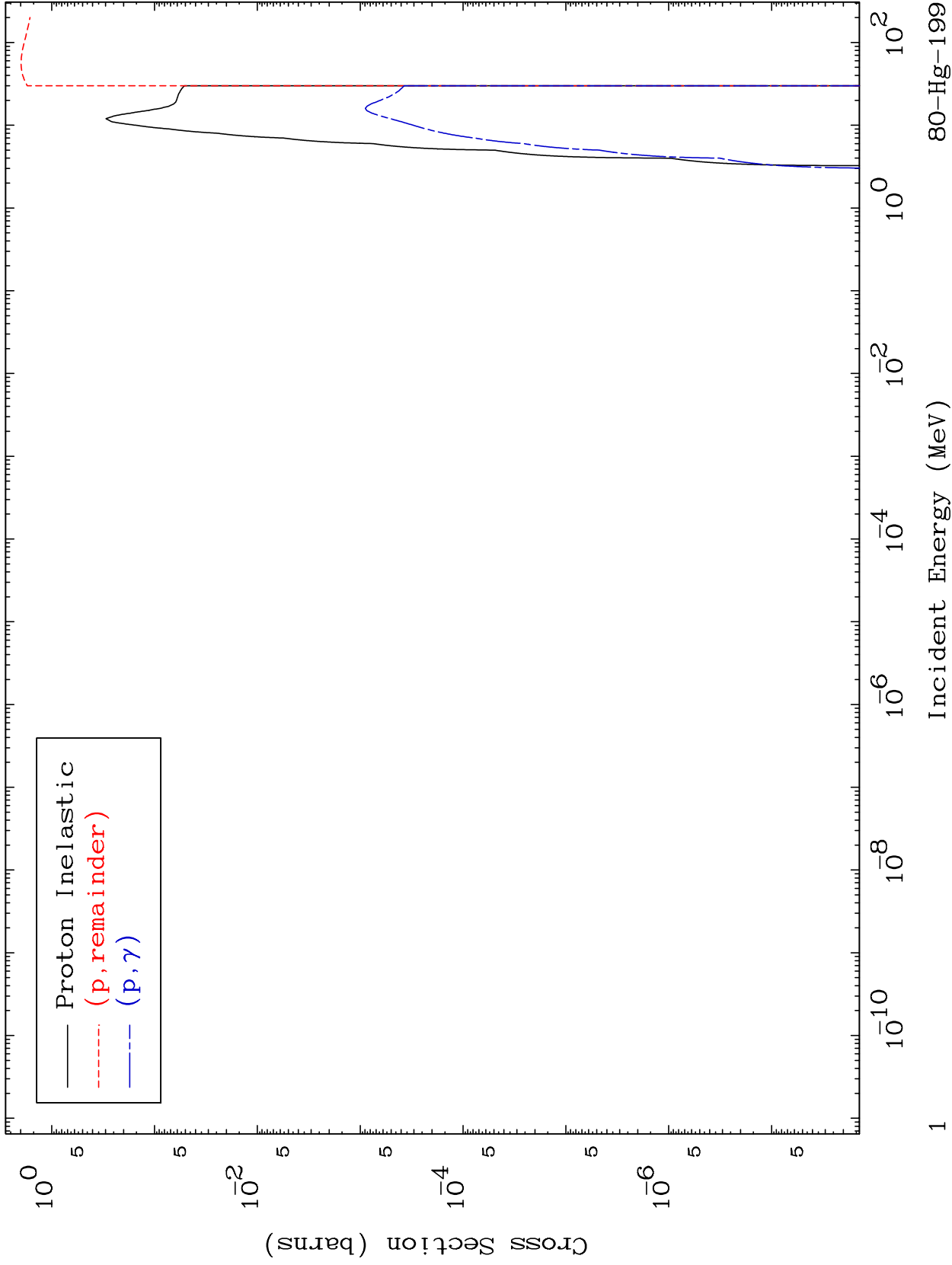
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8035

Proton Major
0 Kelvin Cross Sections

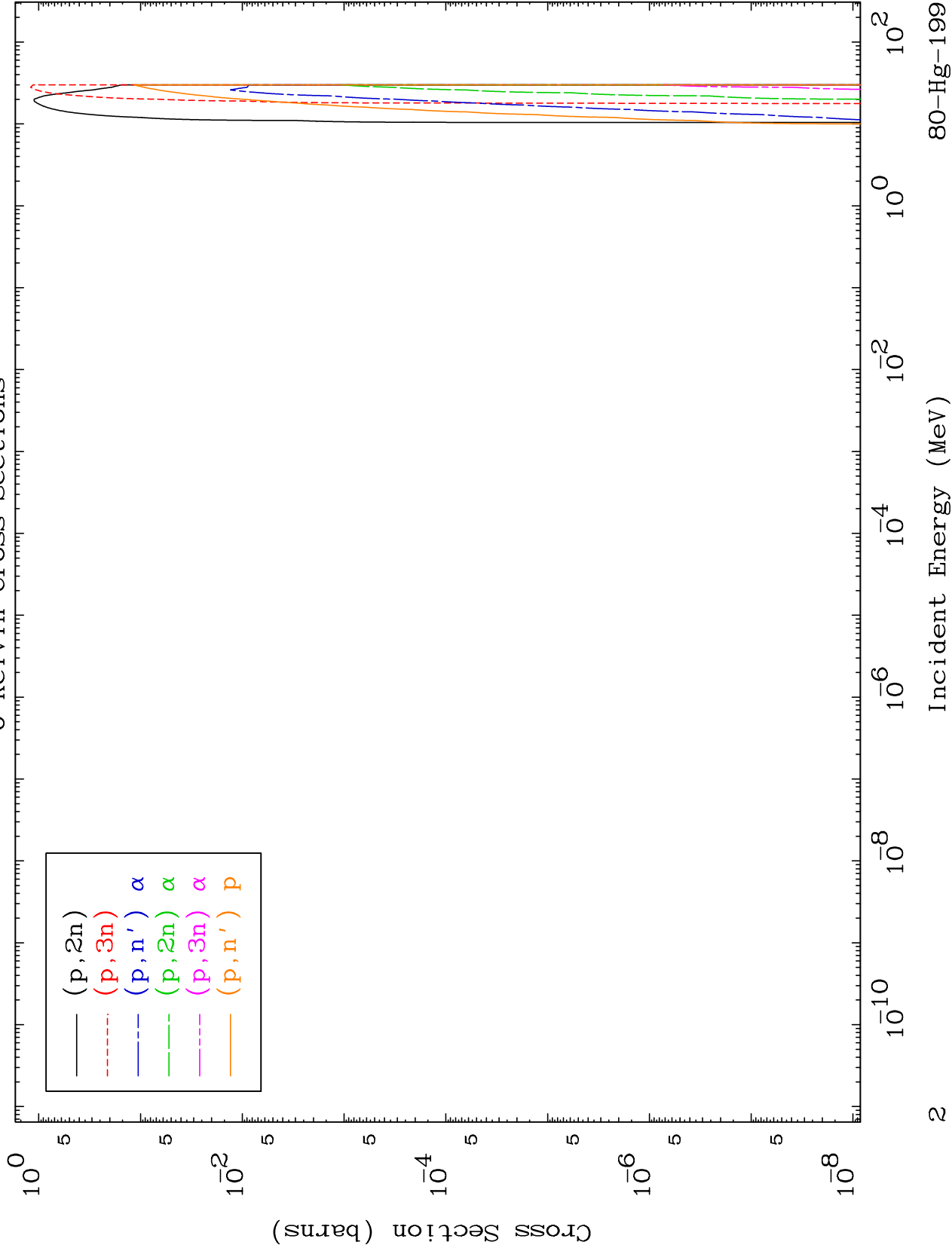
80-Hg-199

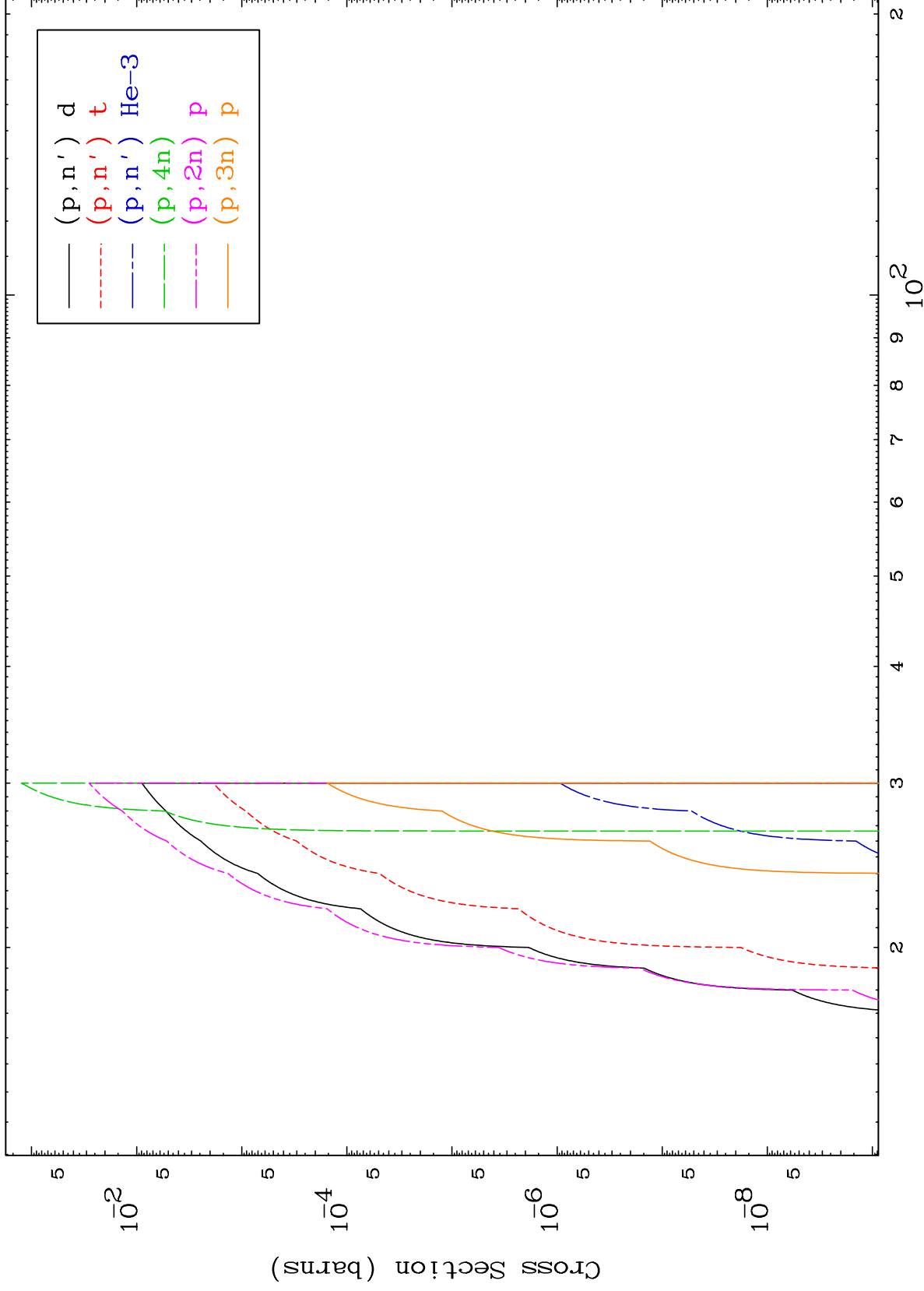


MAT 8035

Proton Neutron Production
0 Kelvin Cross Sections

80-Hg-199

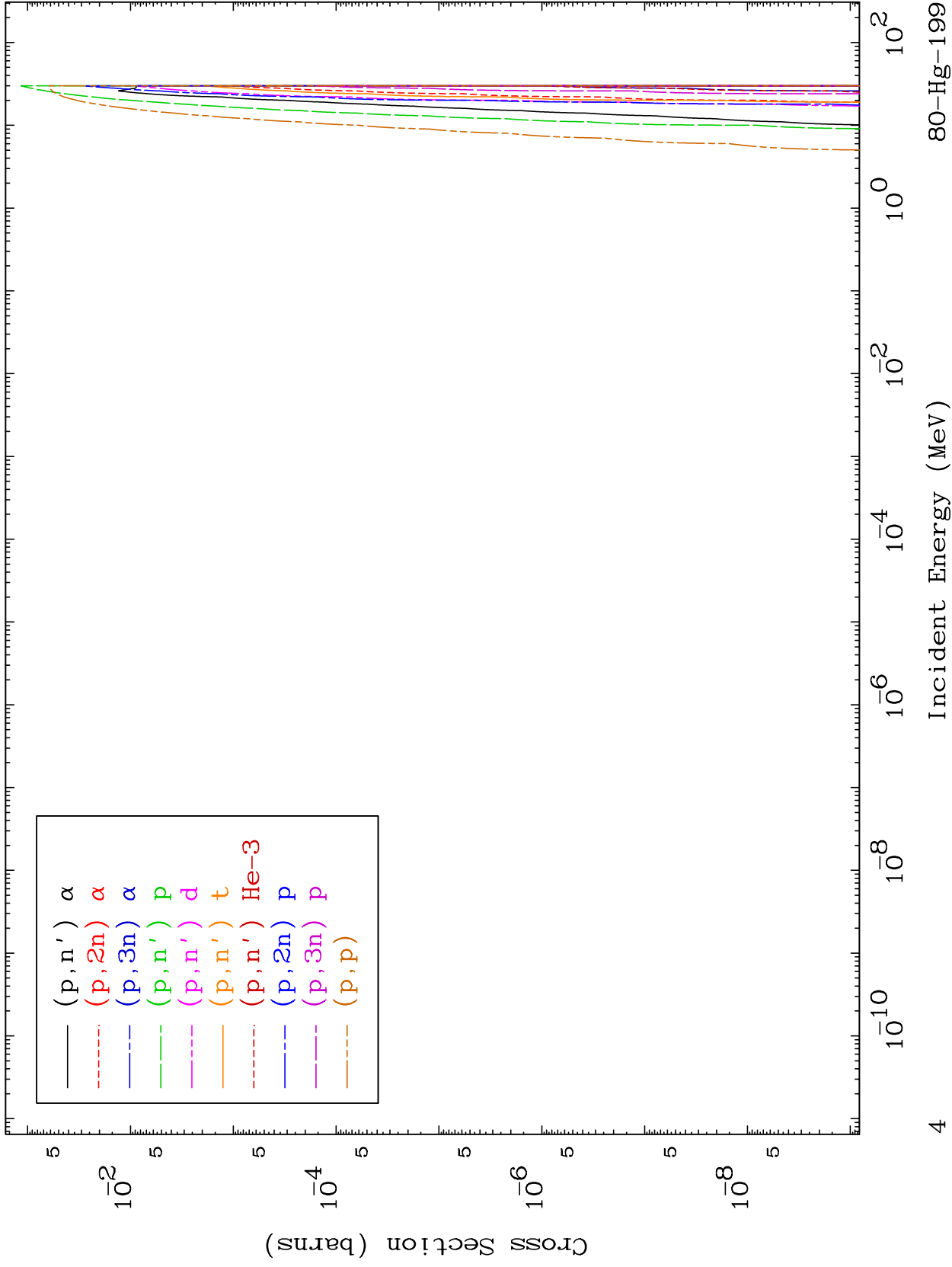




MAT 8035

Proton Charged Particle
0 Kelvin Cross Sections

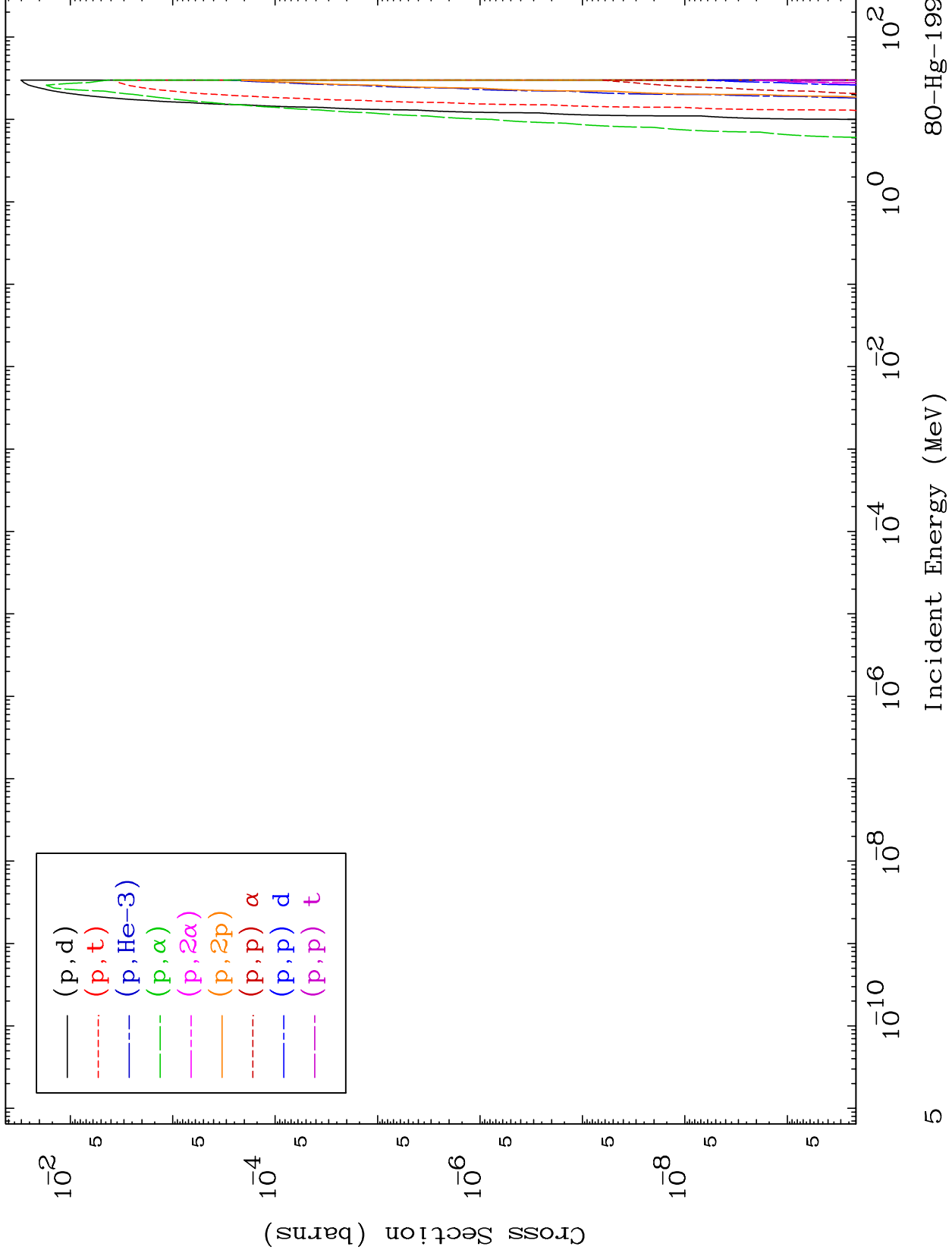
80-Hg-199



MAT 8035

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-199

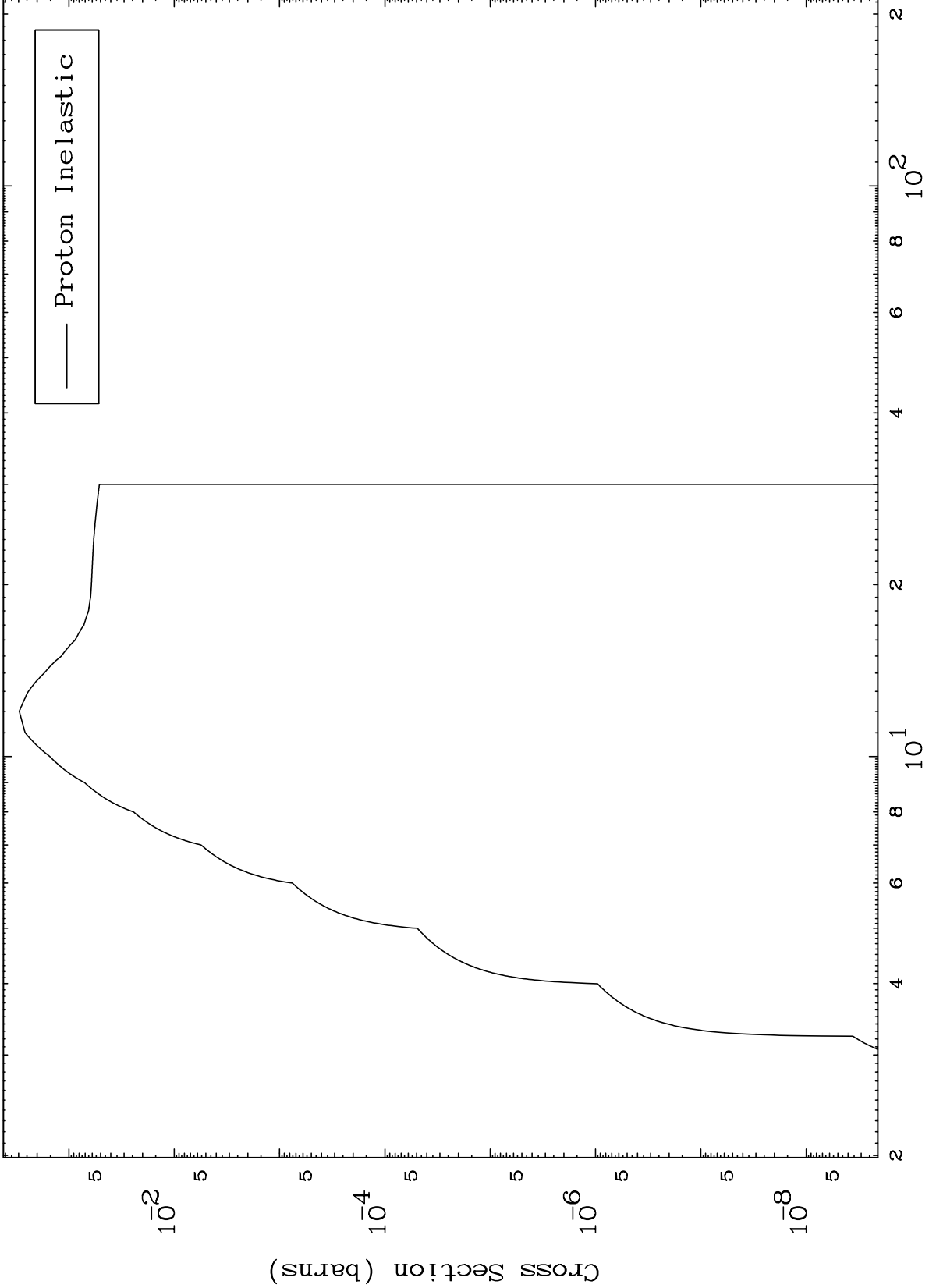


MAT 8035

(p,n') Level

80-Hg-199

0 Kelvin Cross Sections



6

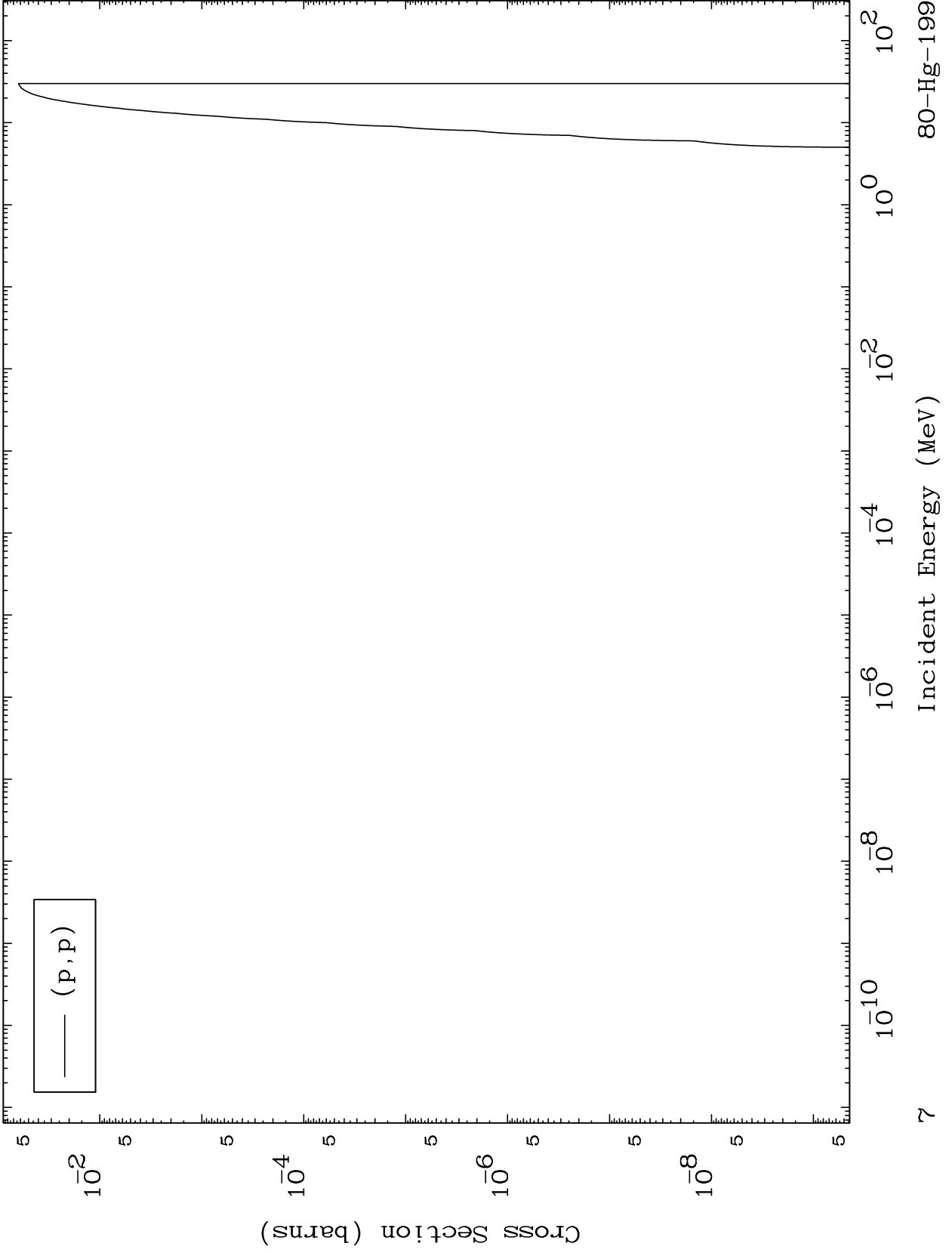
Incident Energy (MeV)

80-Hg-199

MAT 8035

(p,p) Levels
0 Kelvin Cross Sections

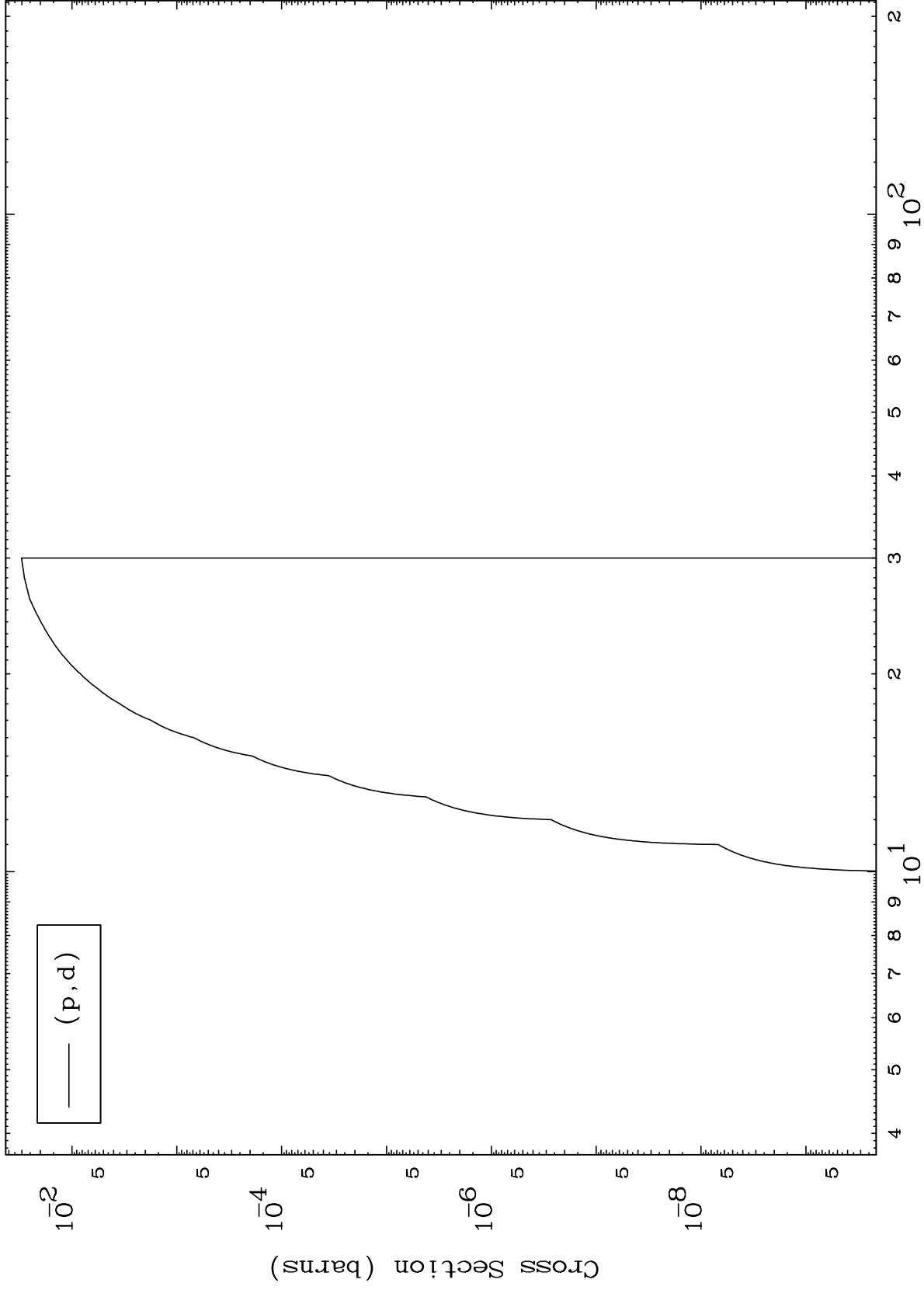
80-Hg-199



MAT 8035

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-199



8

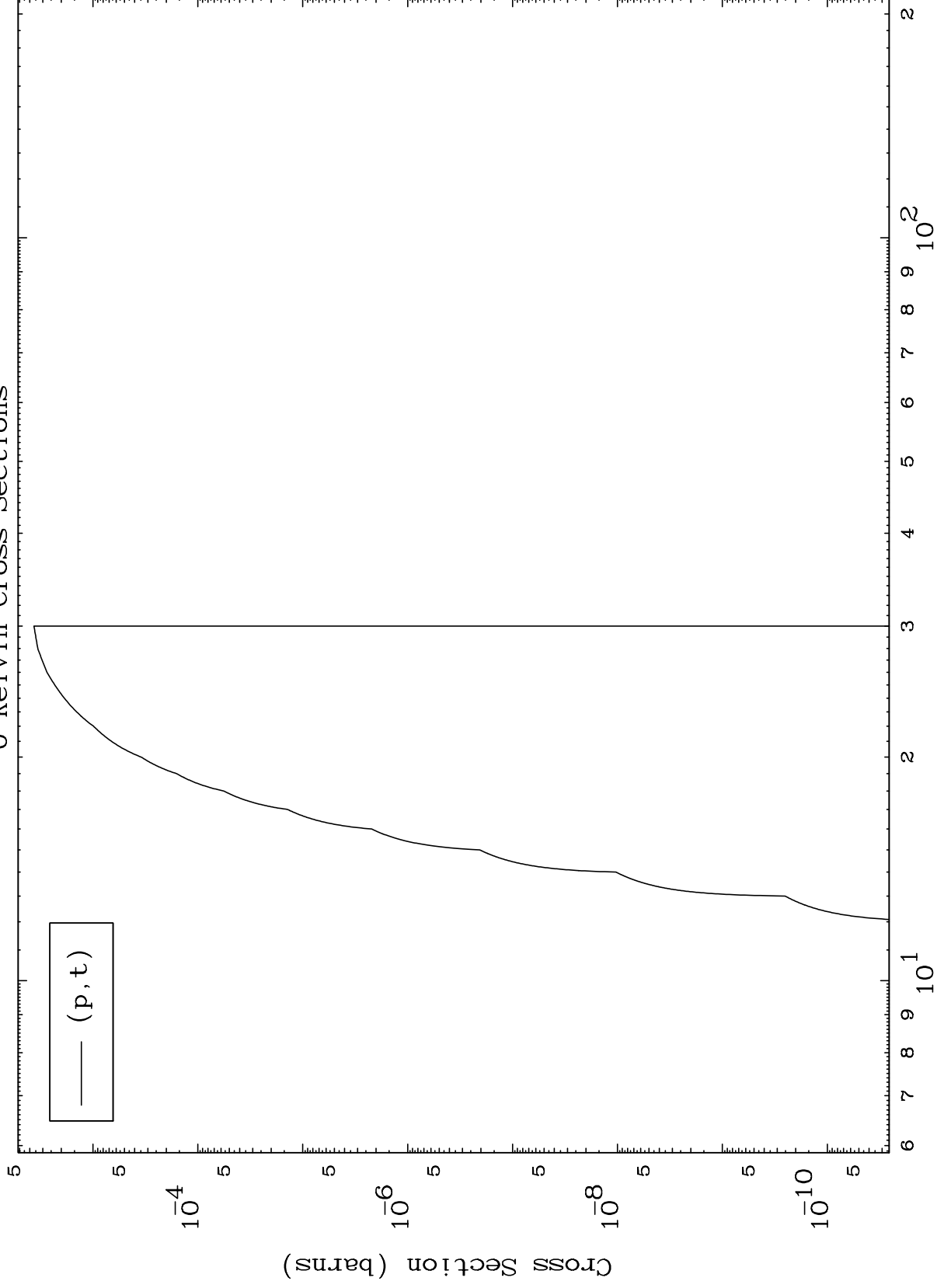
Incident Energy (MeV)

80-Hg-199

MAT 8035

(p, t) Levels
0 Kelvin Cross Sections

80-Hg-199



9

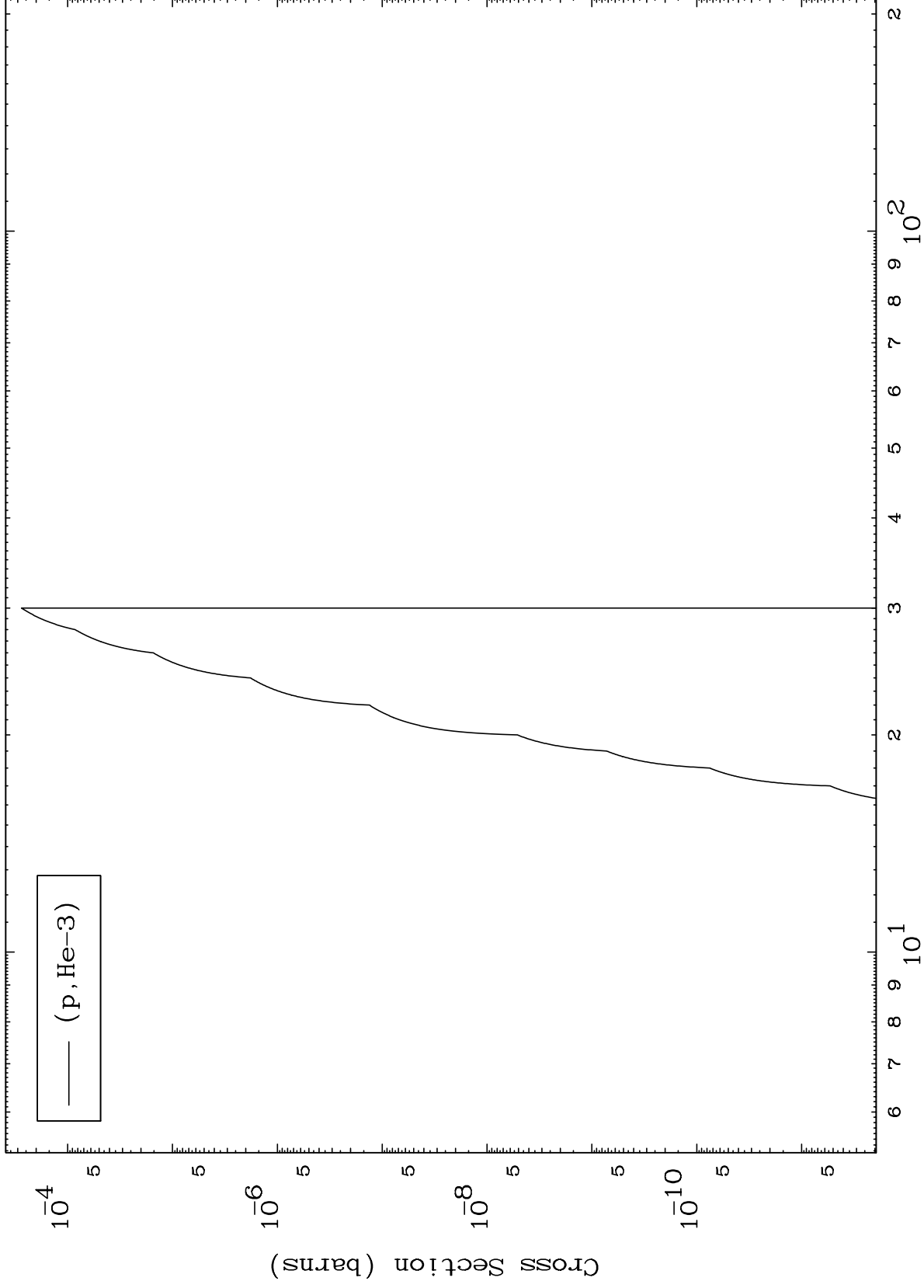
Incident Energy (MeV)

80-Hg-199

MAT 8035

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-199



10

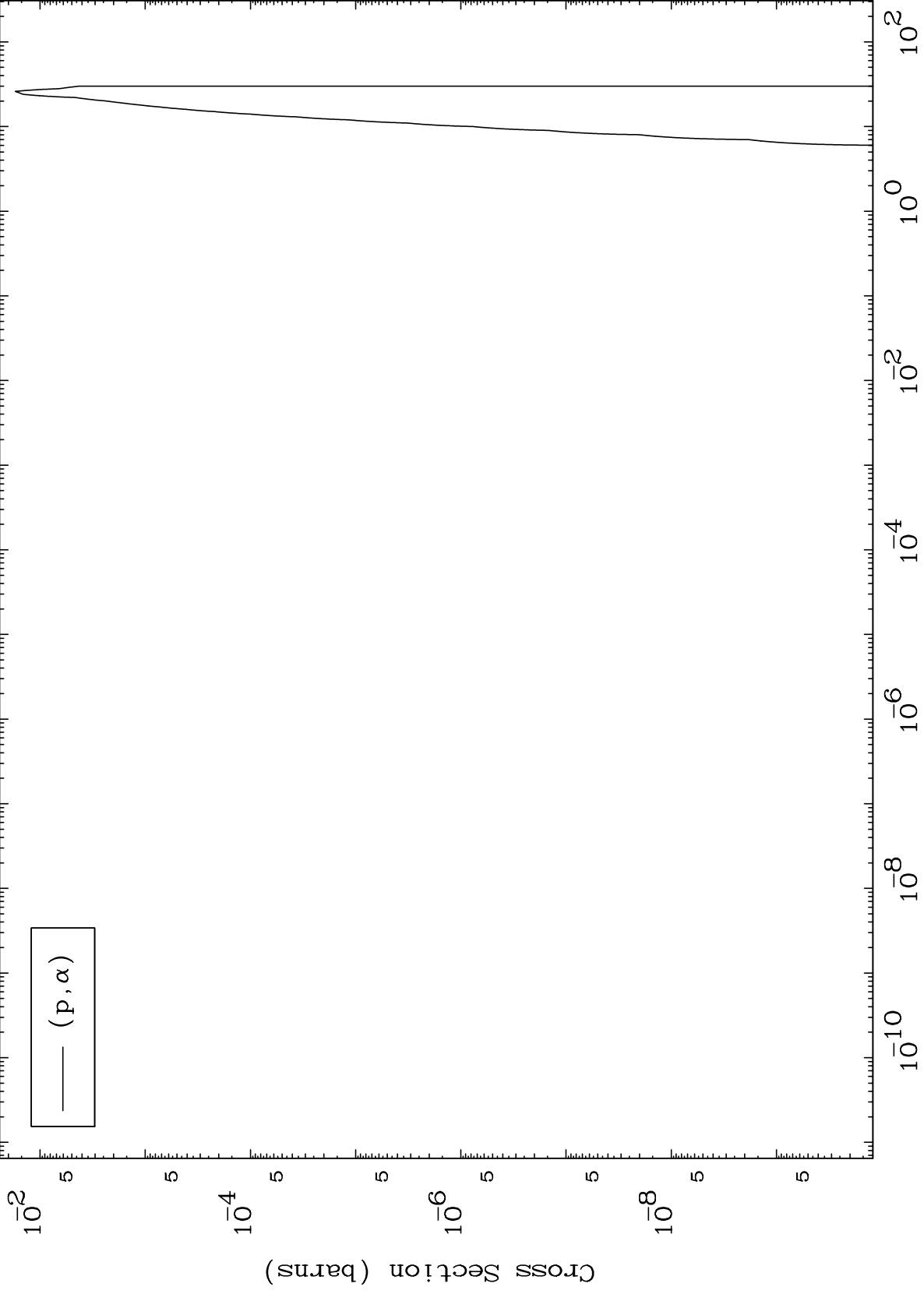
Incident Energy (MeV)

80-Hg-199

MAT 8035

(p, α) Levels
0 Kelvin Cross Sections

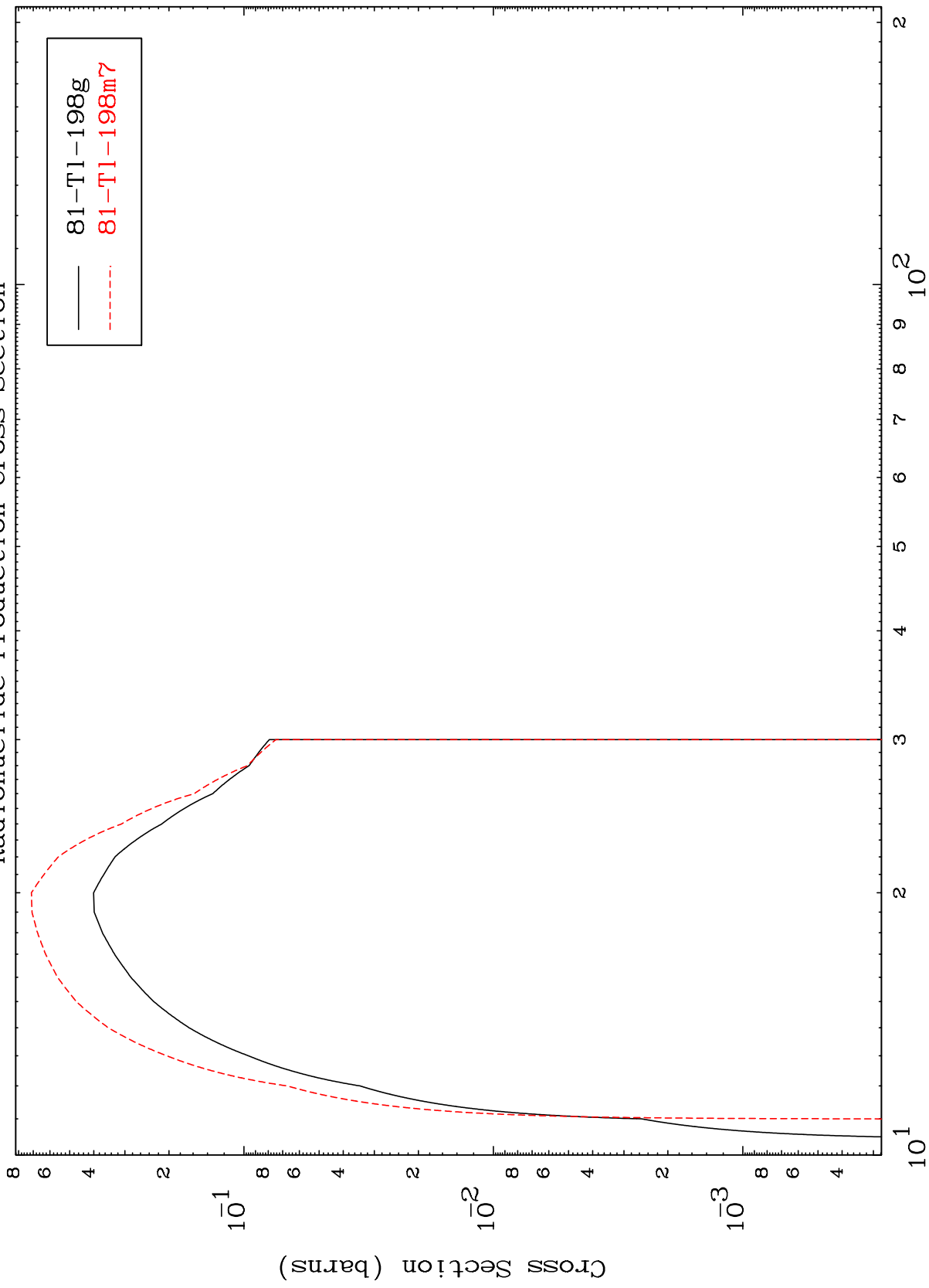
80-Hg-199



MAT 8035

80-Hg-199

(p,2n)
Radionuclide Production Cross Section



80-Hg-199

Incident Energy (MeV)

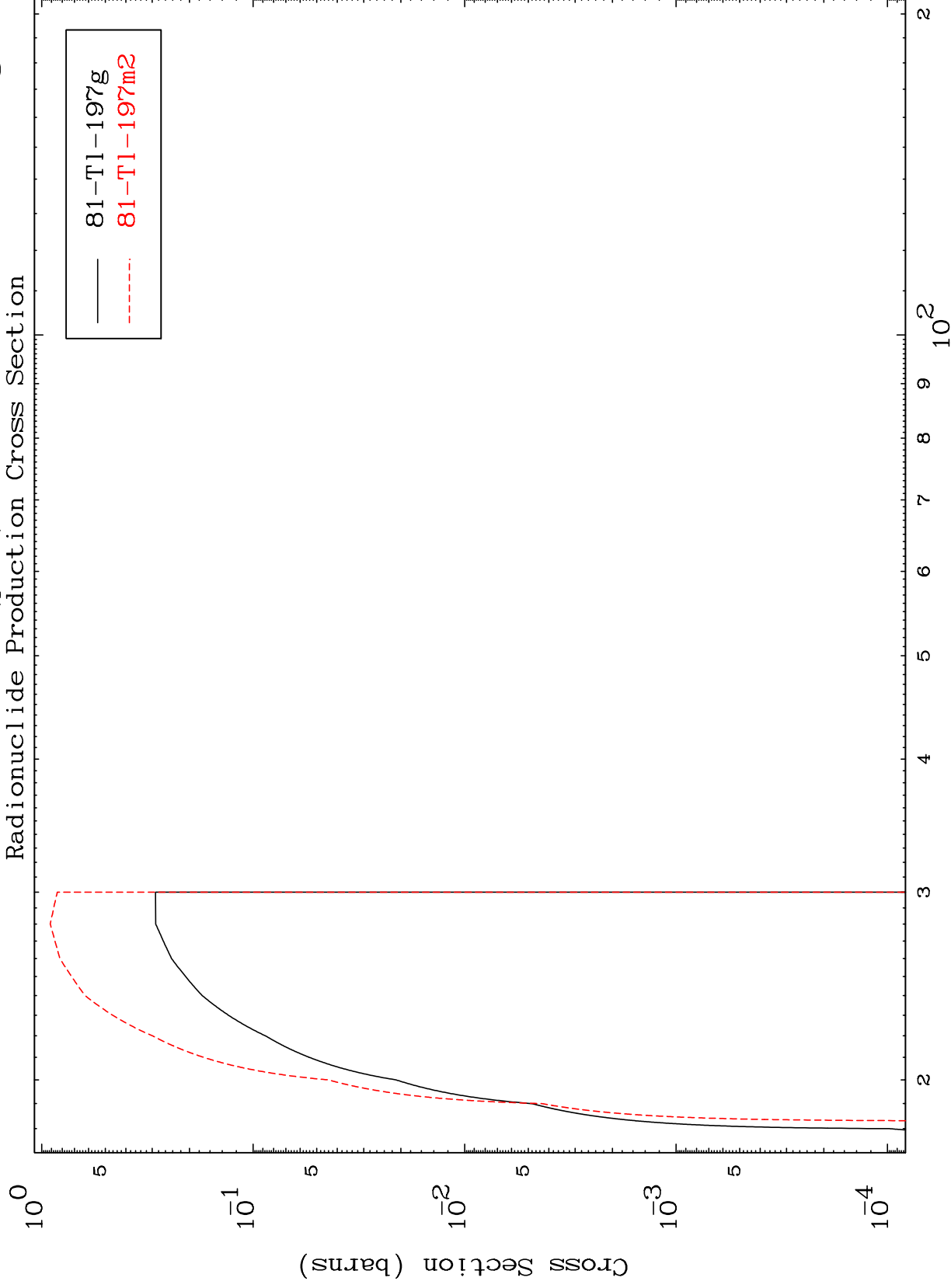
12

MAT 8035

(p,3n)

80-Hg-199

Radionuclide Production Cross Section



13

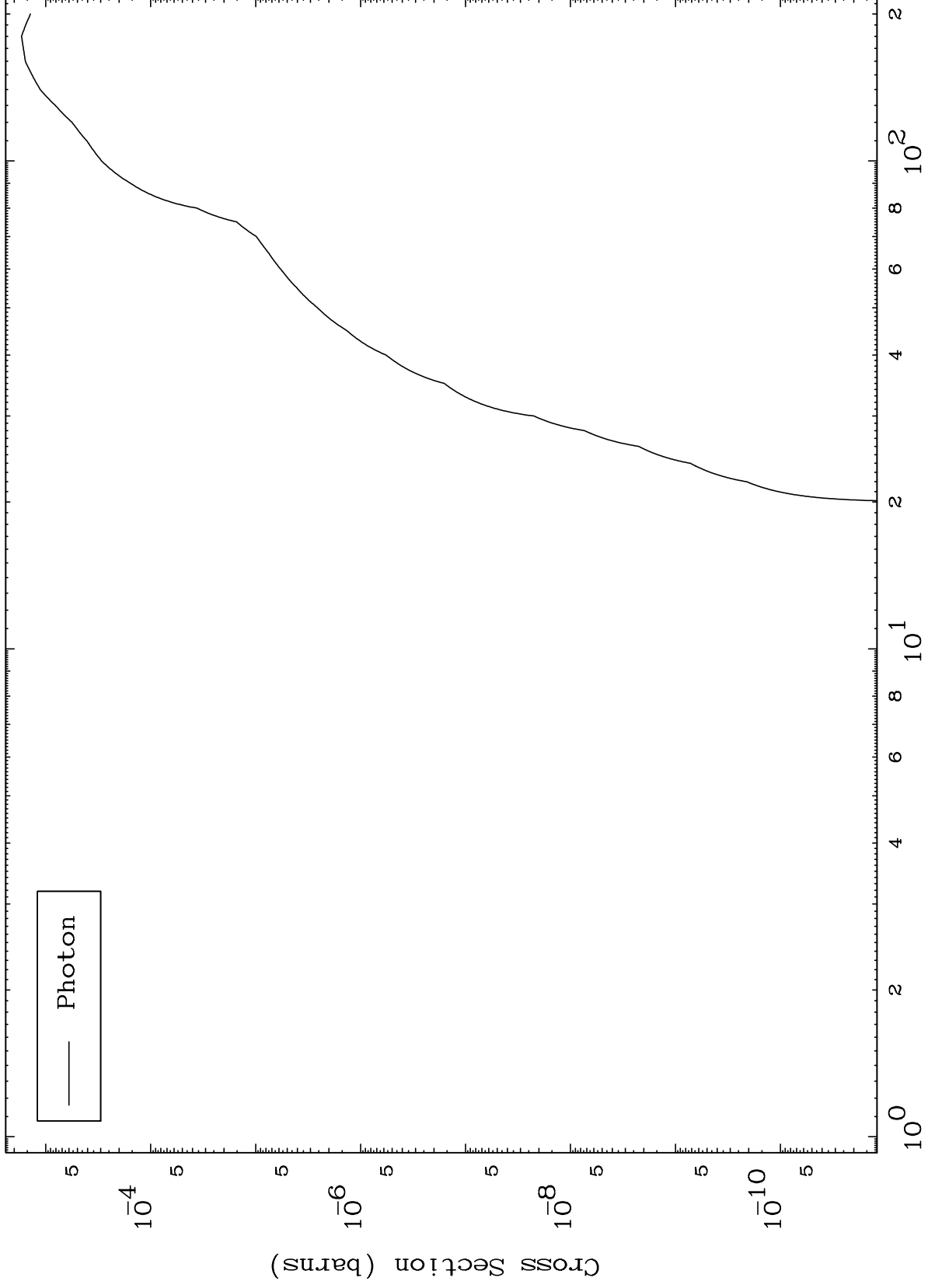
Incident Energy (MeV)

80-Hg-199

MAT 8035

Proton Fission
Radionuclide Production Cross Section

80-Hg-199



14

Incident Energy (MeV)

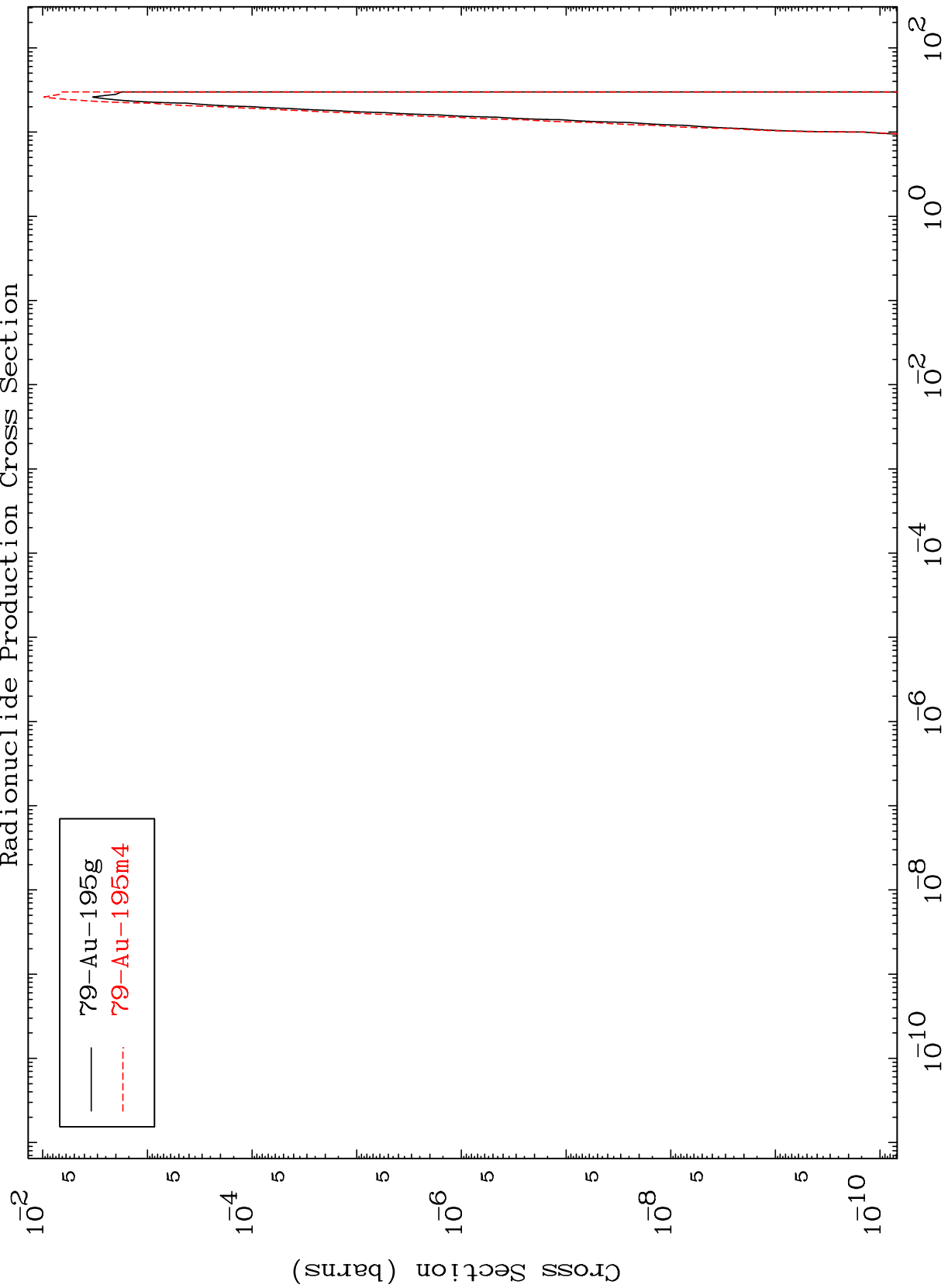
80-Hg-199

MAT 8035

(p,n') α

80-Hg-199

Radionuclide Production Cross Section



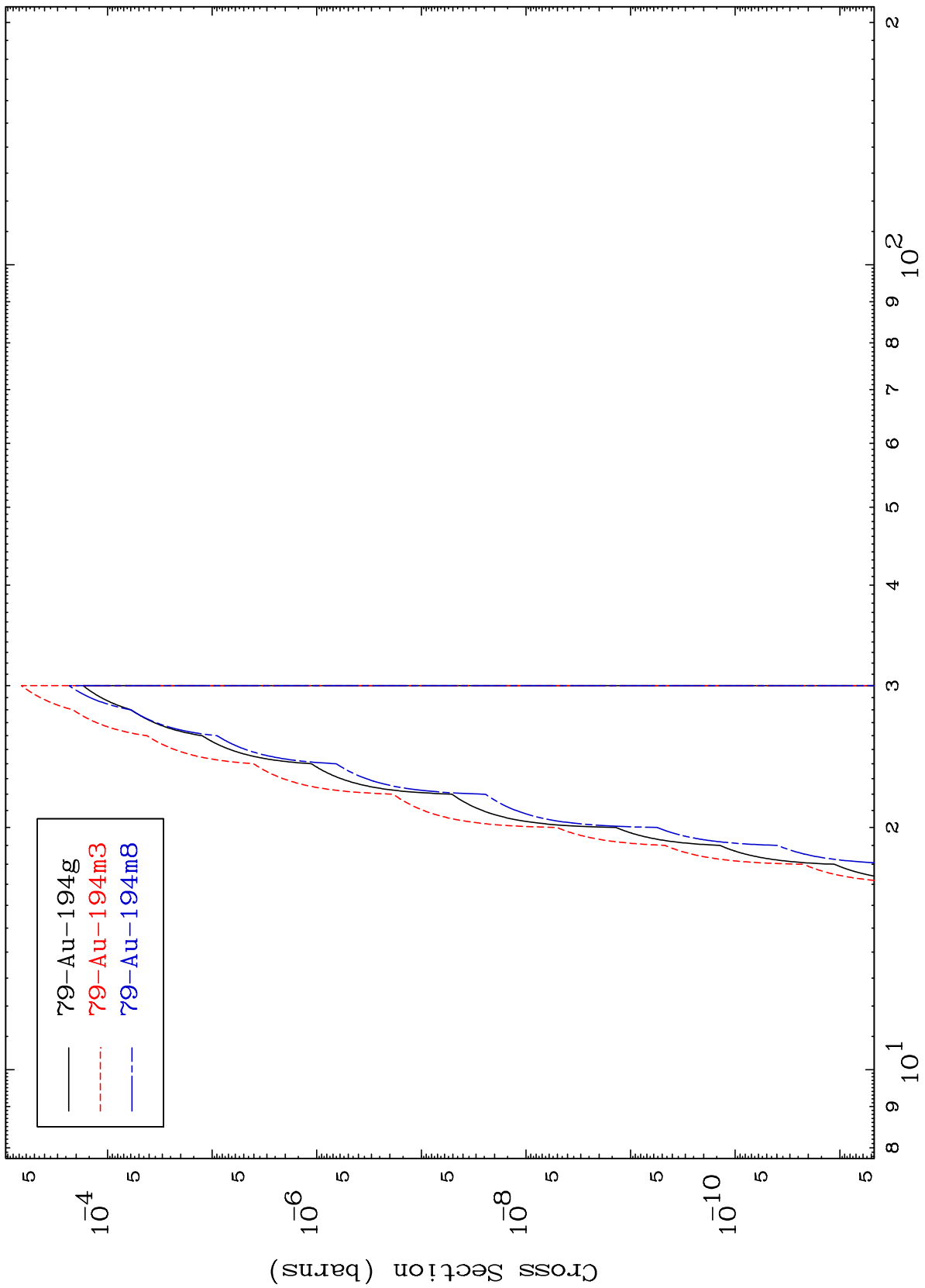
79-Au-195g
79-Au-195m4

MAT 8035

$(p,2n) \alpha$

80-Hg-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

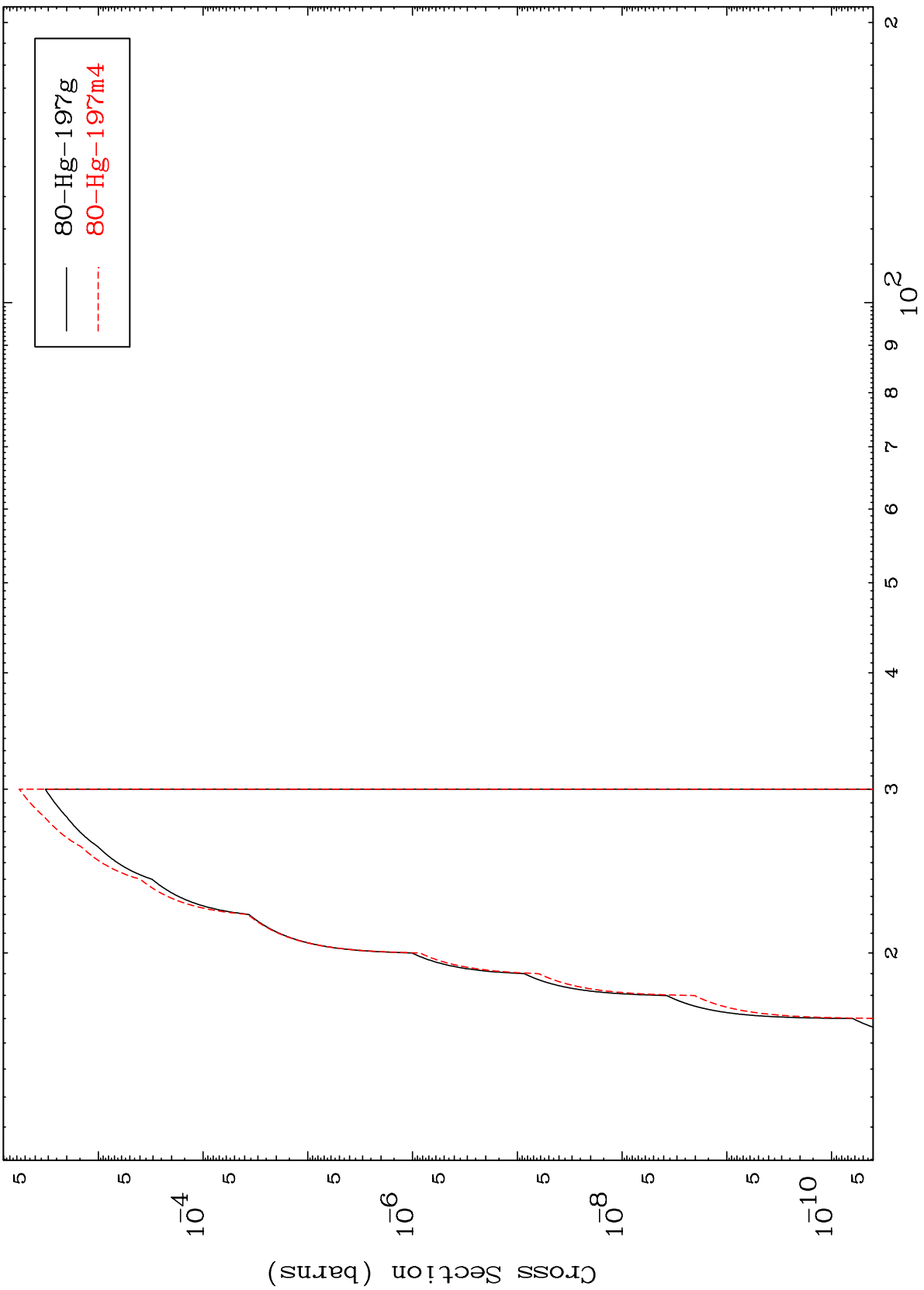
80-Hg-199

MAT 8035

(p,n') d

80-Hg-199

Radionuclide Production Cross Section



18

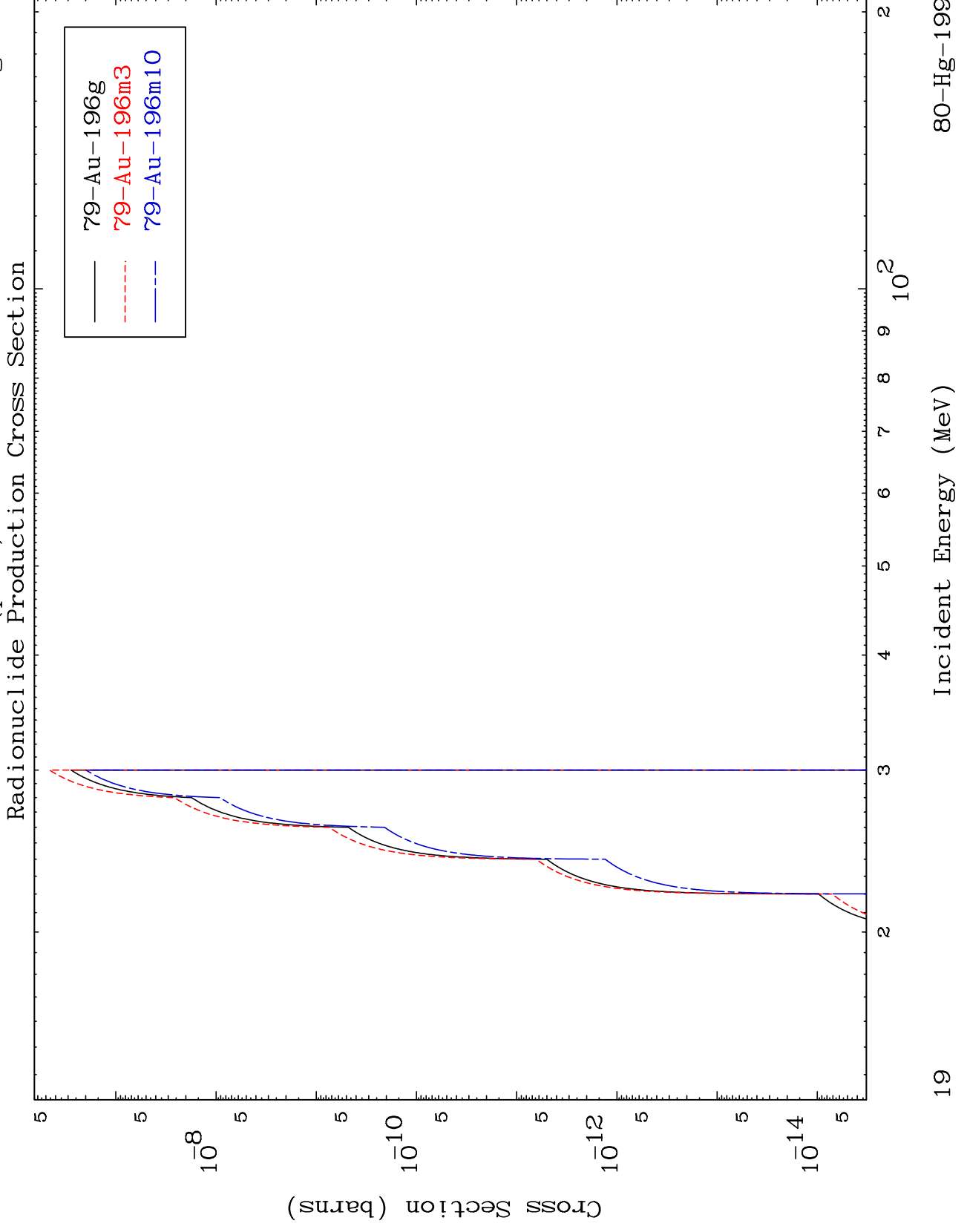
Incident Energy (MeV)

80-Hg-199

MAT 8035

(p,n') He-3

80-Hg-199



19

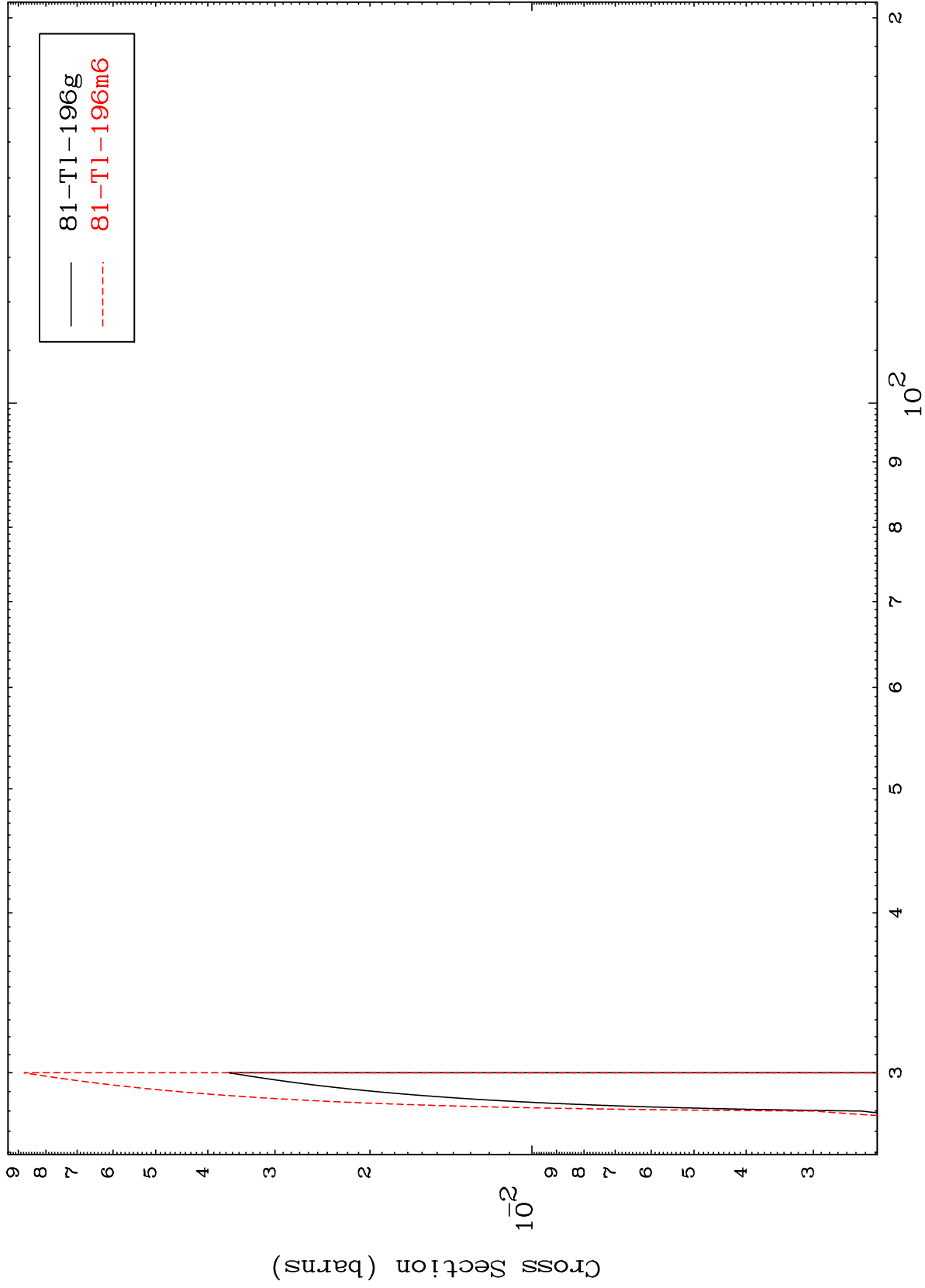
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

(p,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

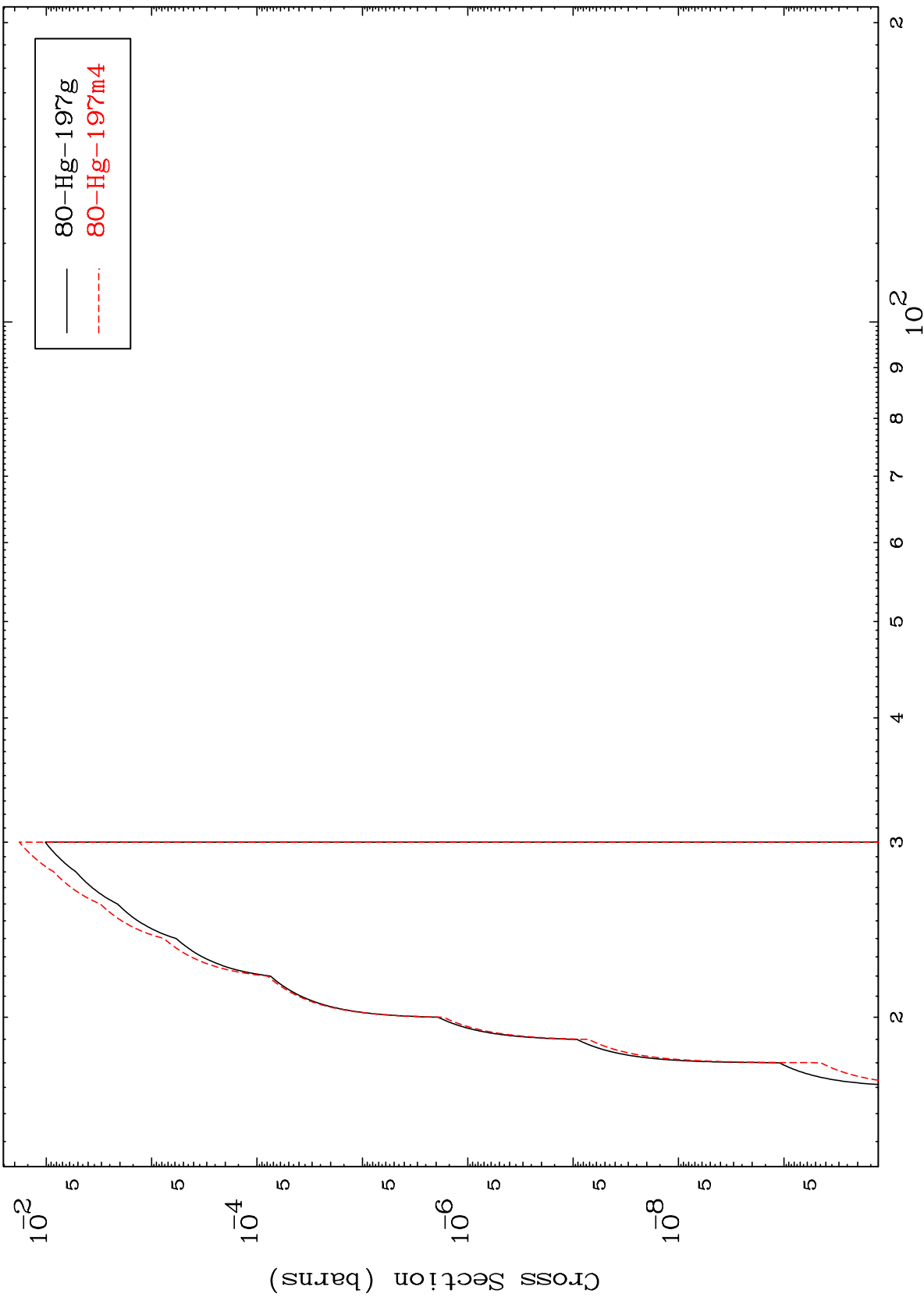
80-Hg-199

MAT 8035

(p,2n) p

80-Hg-199

Radionuclide Production Cross Section



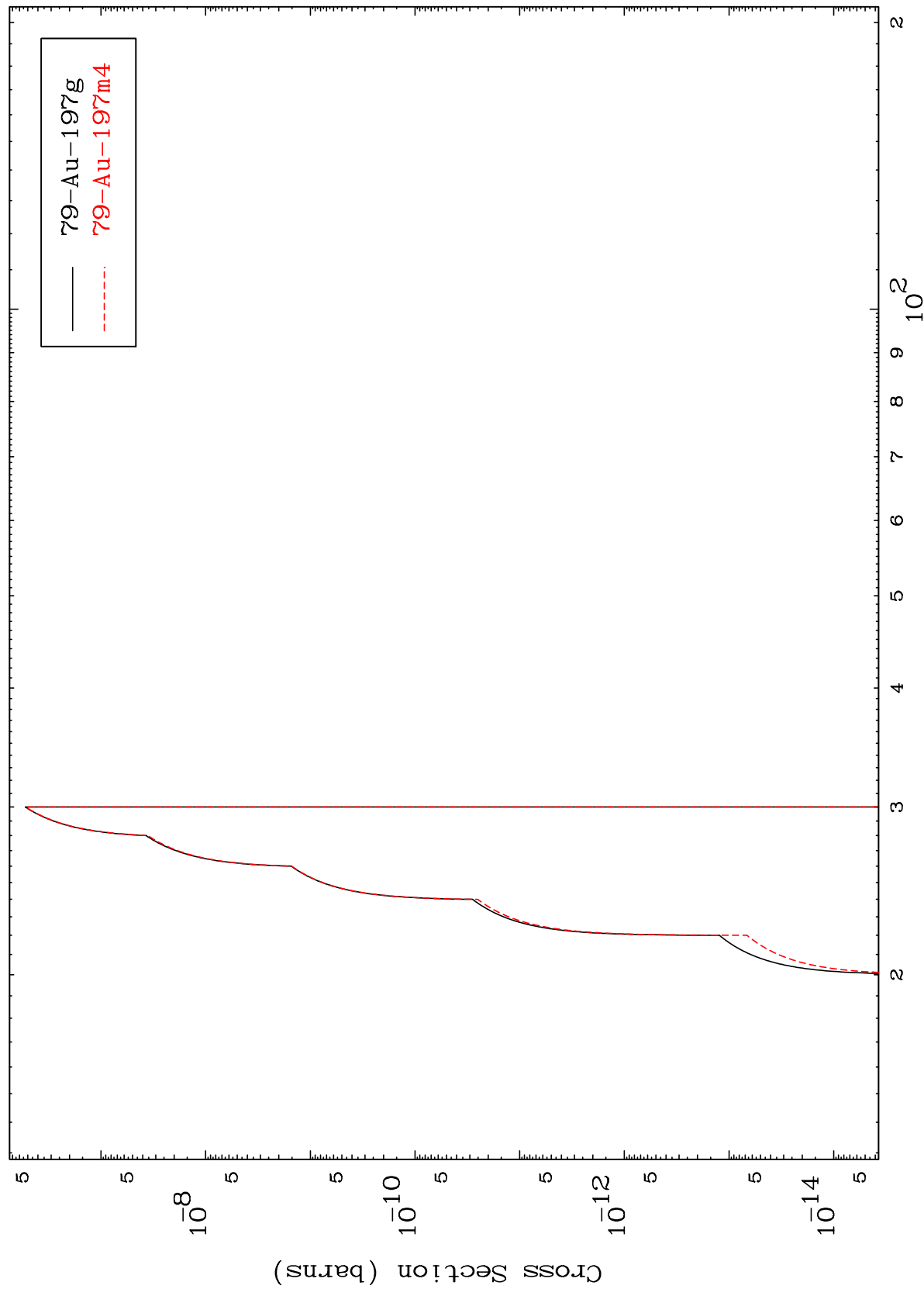
80-Hg-197g
80-Hg-197m4

MAT 8035

(p,2n) p

80-Hg-199

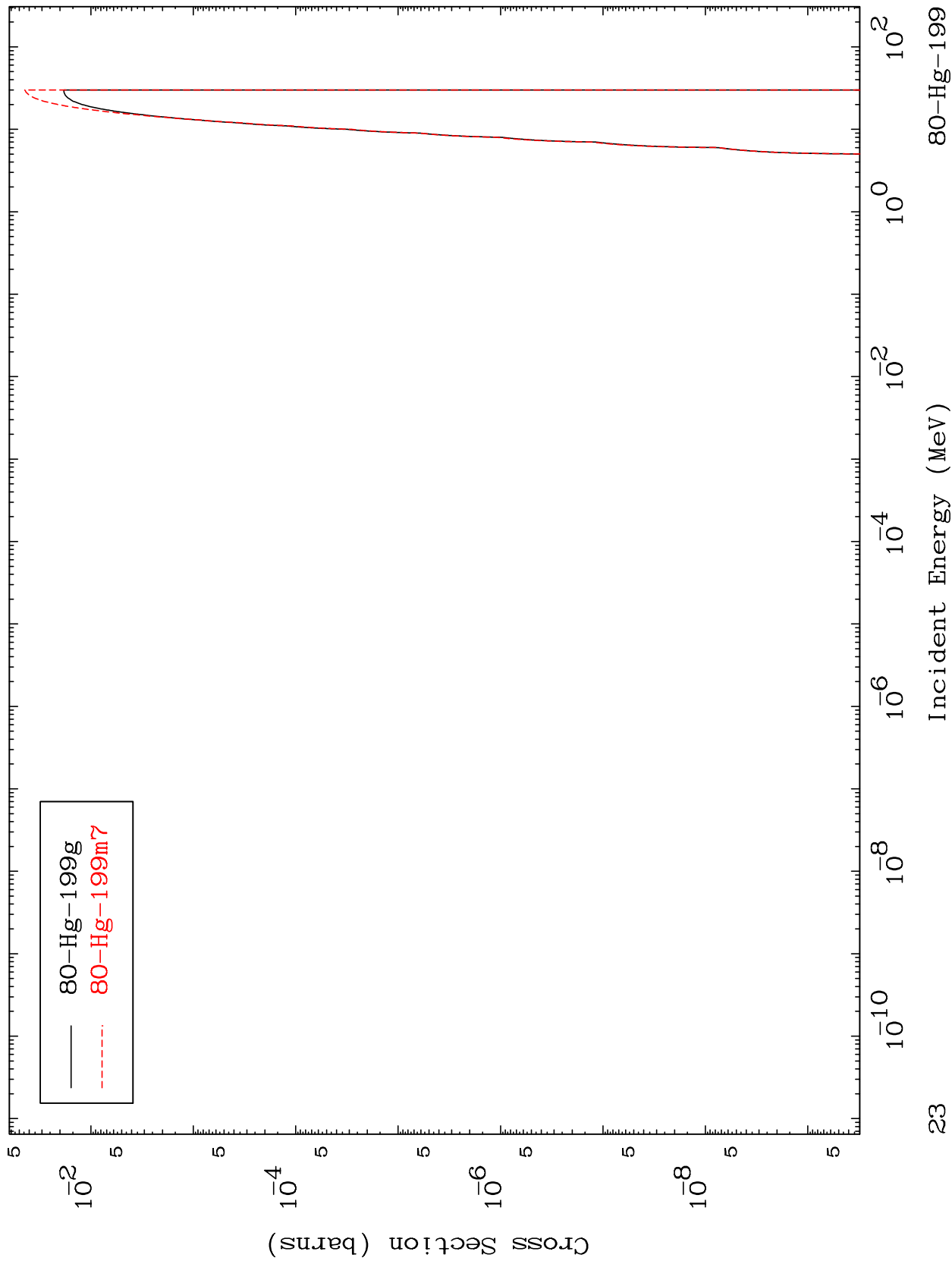
Radionuclide Production Cross Section



MAT 8035

(p,p)
Radionuclide Production Cross Section

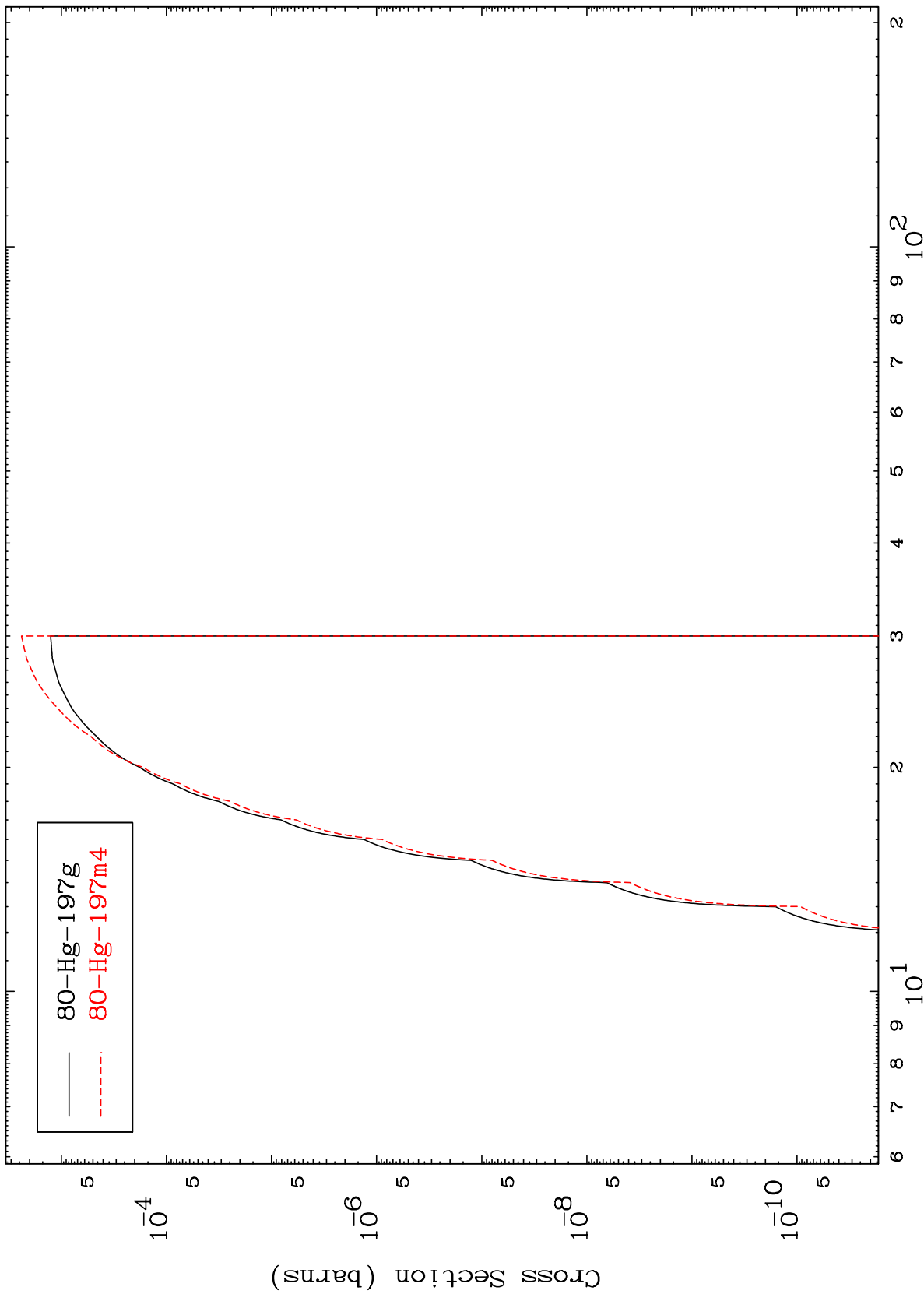
80-Hg-199



MAT 8035

80-Hg-199

Radionuclide Production Cross Section
(p, t)



80-Hg-199

Incident Energy (MeV)

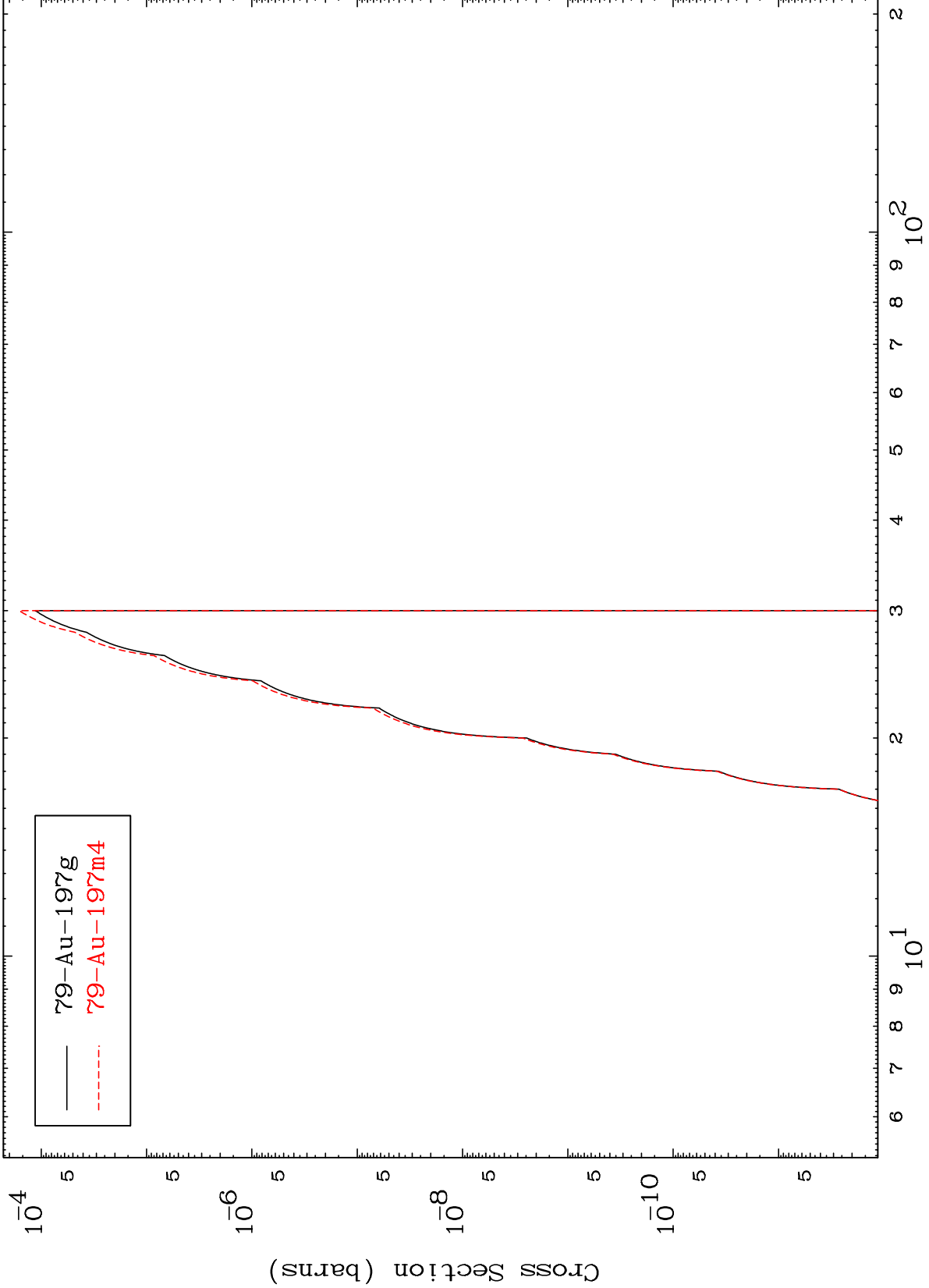
24

MAT 8035

(p,He-3)

80-Hg-199

Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

25

Incident Energy (MeV)

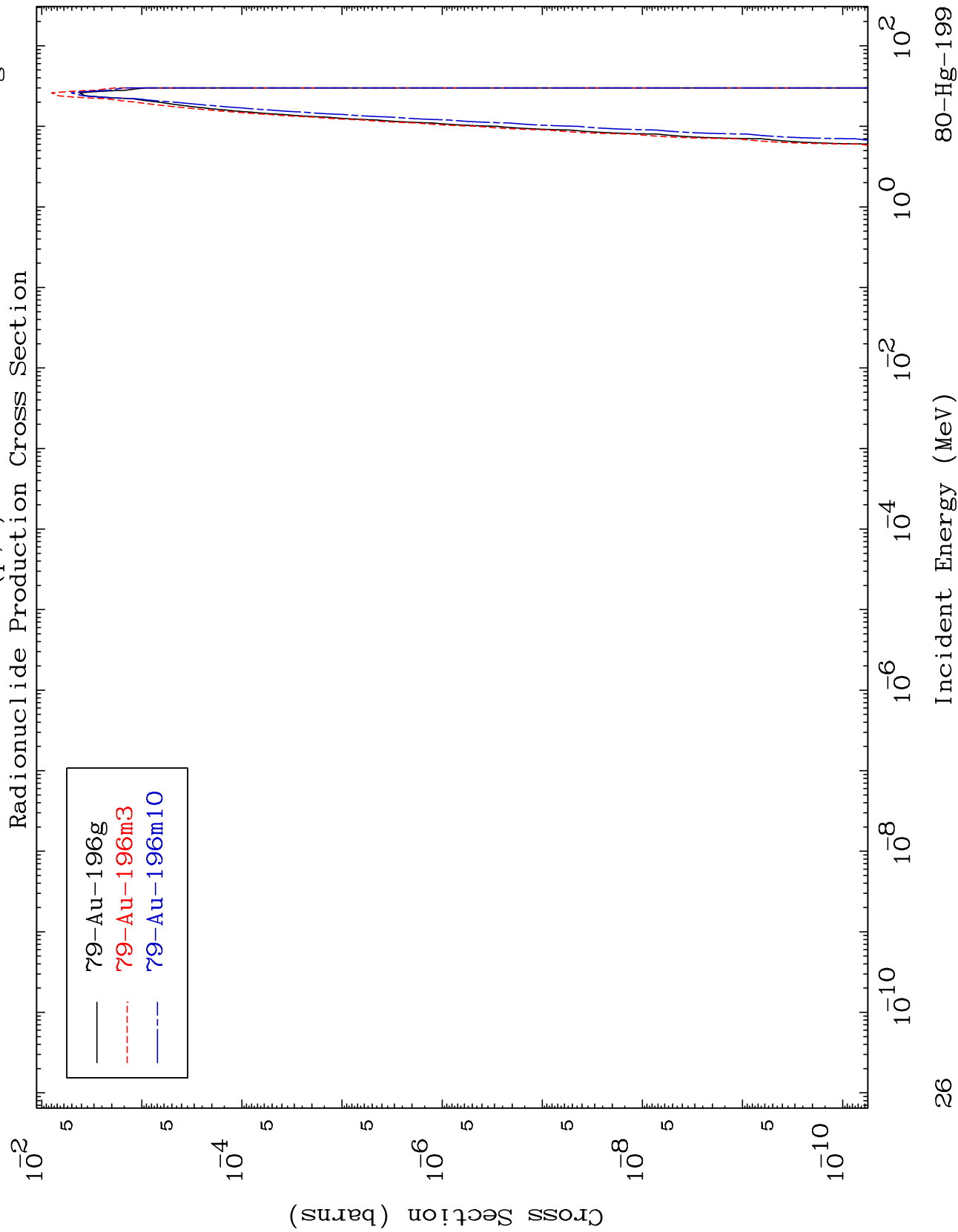
80-Hg-199

MAT 8035

80-Hg-199

Radionuclide Production Cross Section

(p, α)

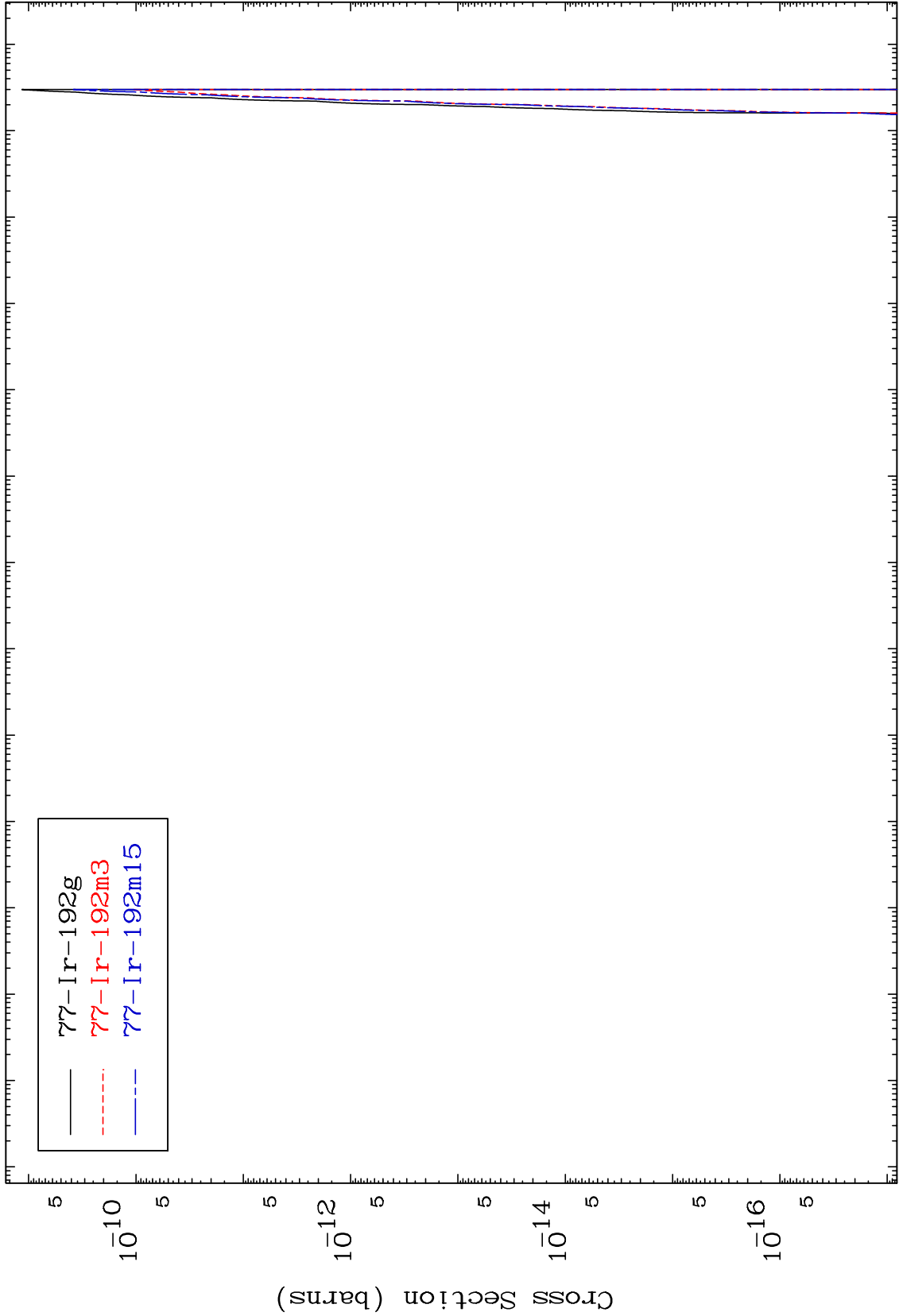


MAT 8035

(p,2 α)

80-Hg-199

Radionuclide Production Cross Section



80-Hg-199

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^{-12}

10^{-14}

10^{-16}

6

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Incident Energy (MeV)

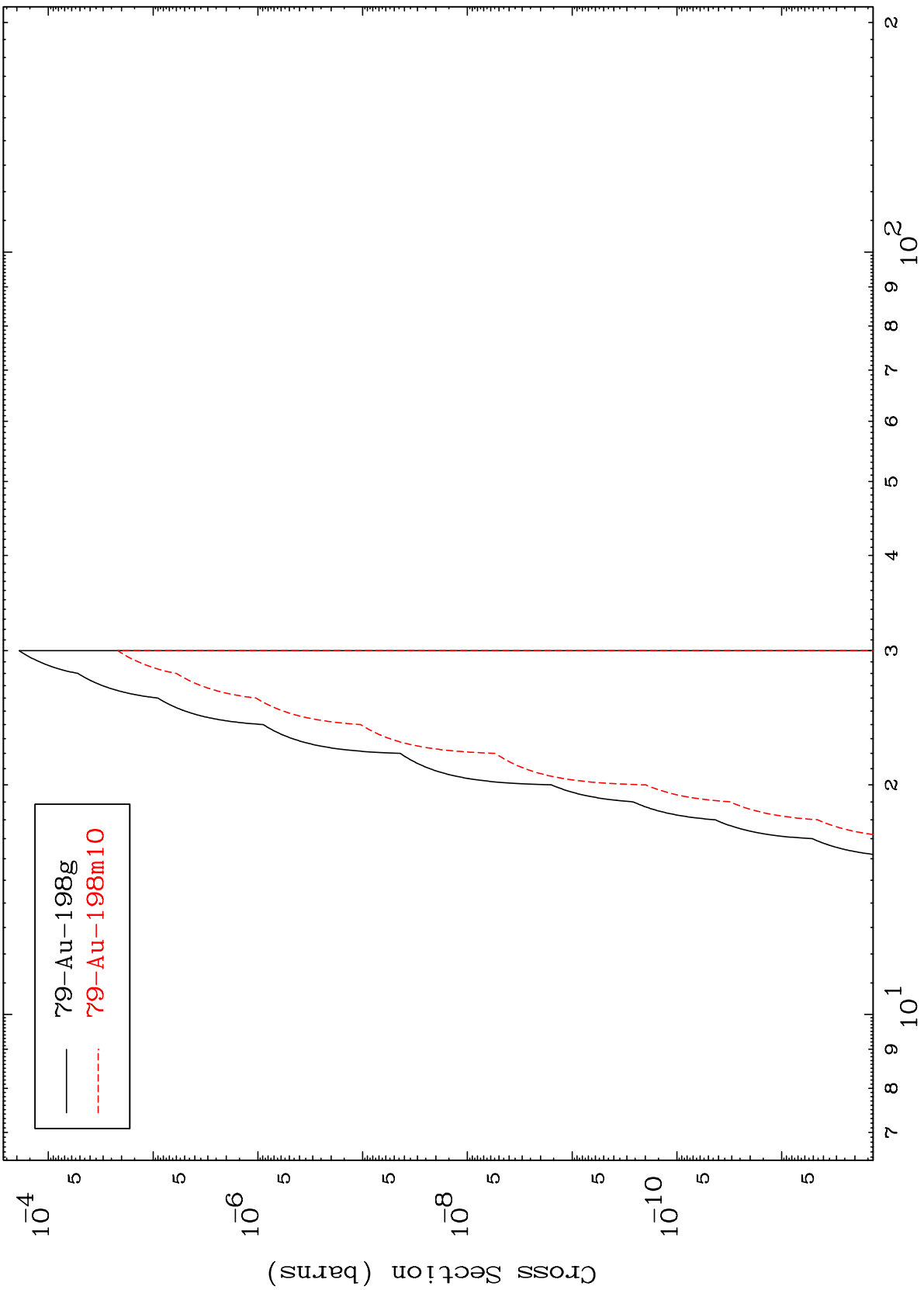
80-Hg-199

27

MAT 8035

80-Hg-199

(p,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

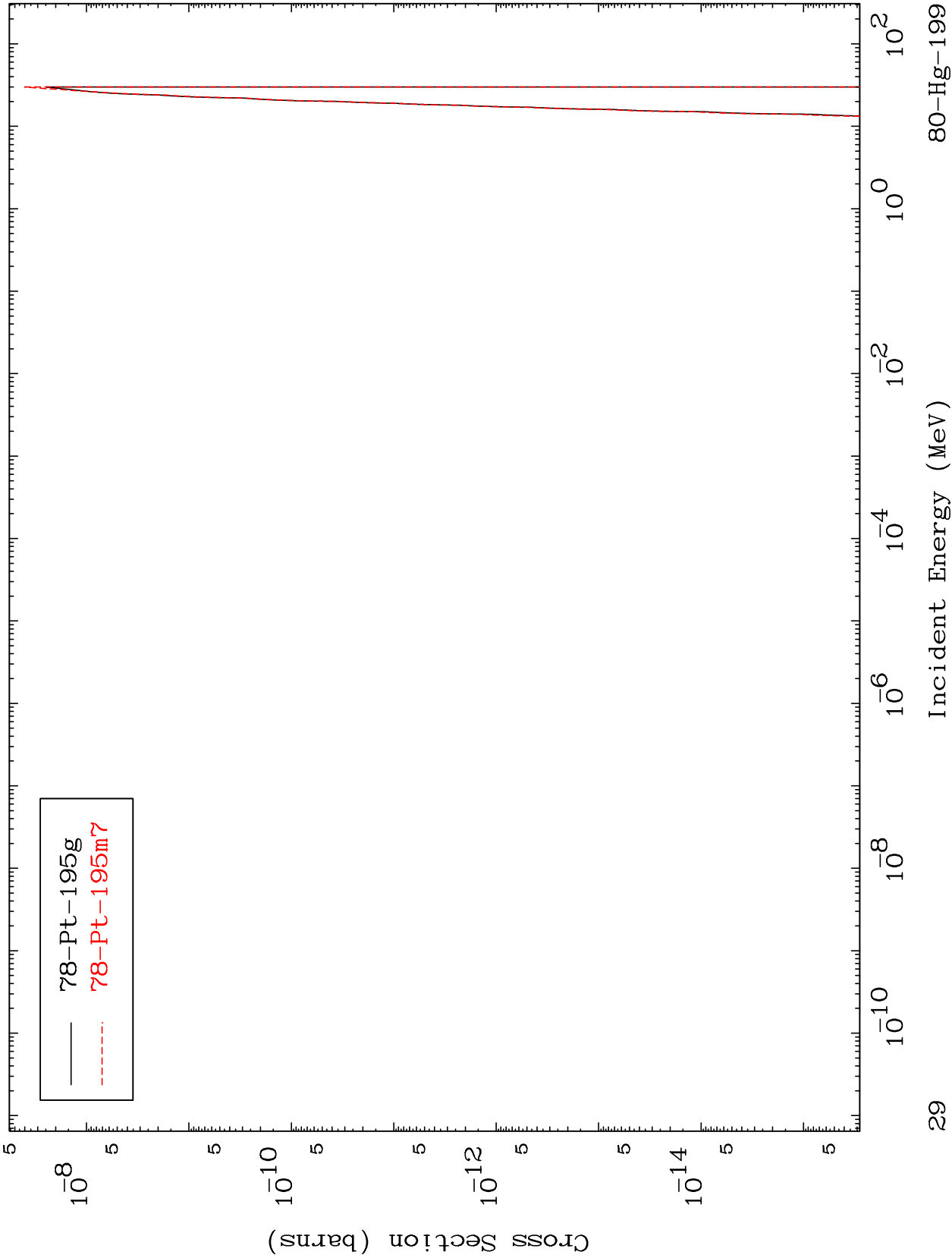
80-Hg-199

MAT 8035

(p,p) α

80-Hg-199

Radionuclide Production Cross Section

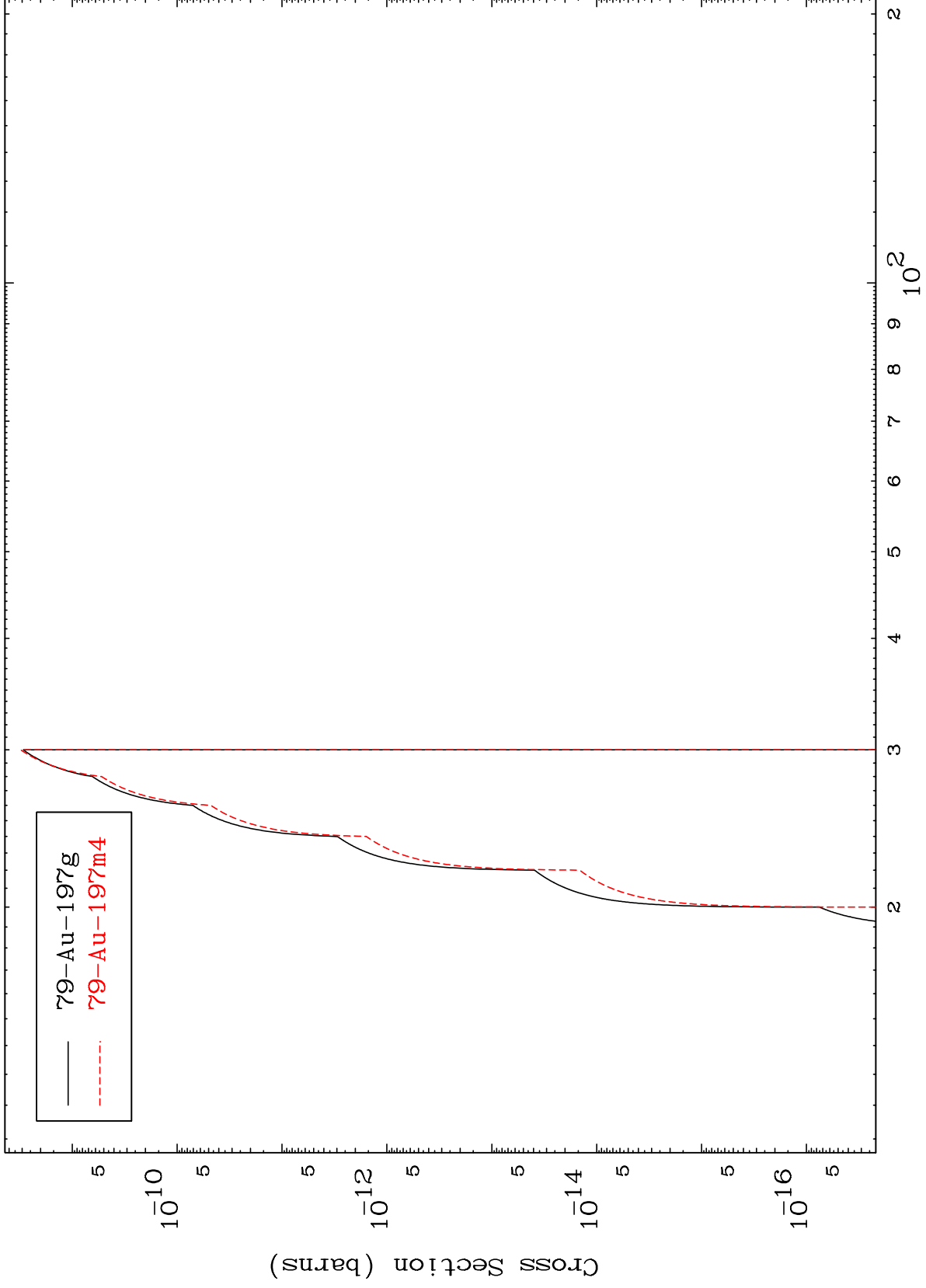


MAT 8035

(p,p) d

80-Hg-199

Radionuclide Production Cross Section



30

Incident Energy (MeV)

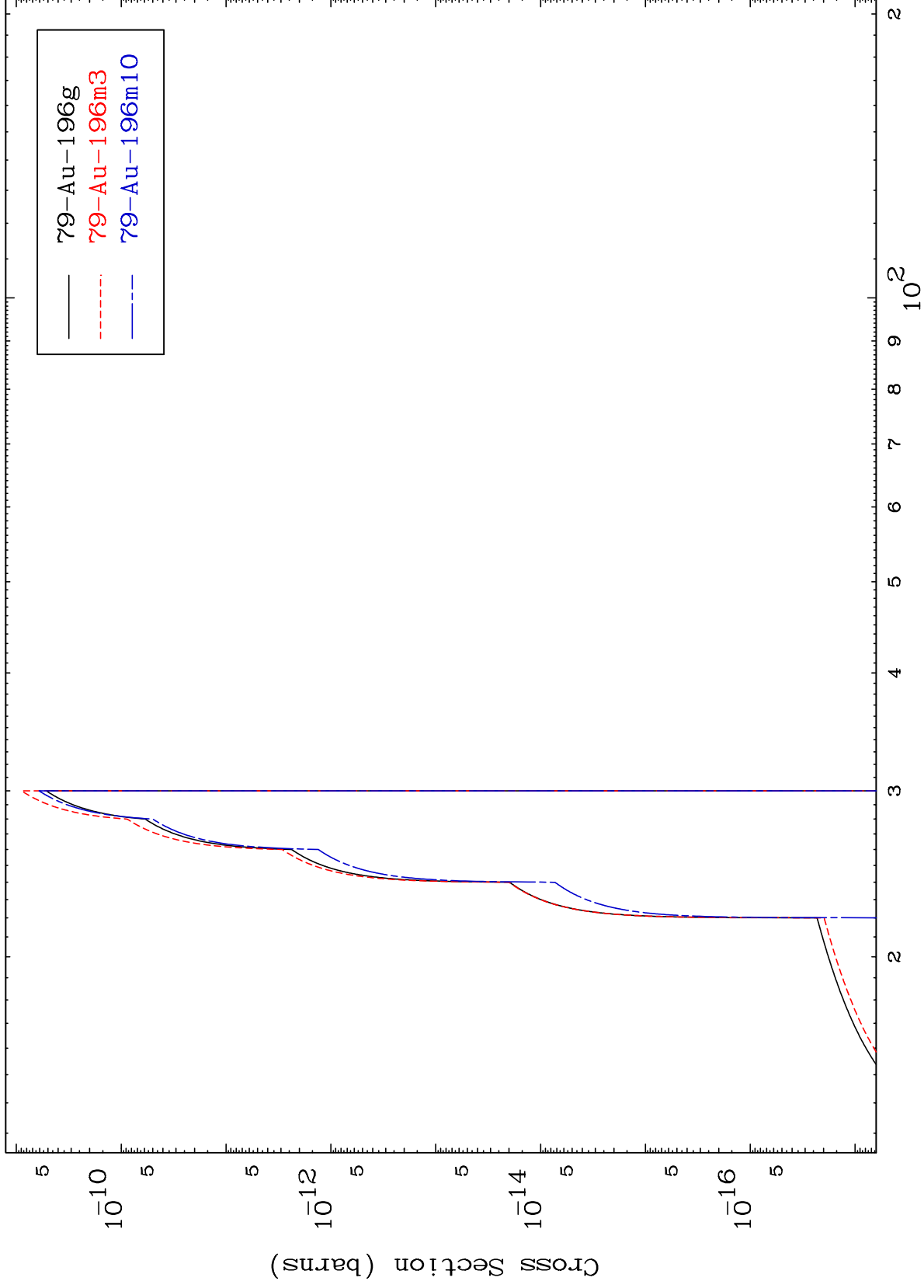
80-Hg-199

MAT 8035

(p,p) t

80-Hg-199

Radionuclide Production Cross Section



31

Incident Energy (MeV)

80-Hg-199