

Program EVALPLOT
(Version 2018-1)

by

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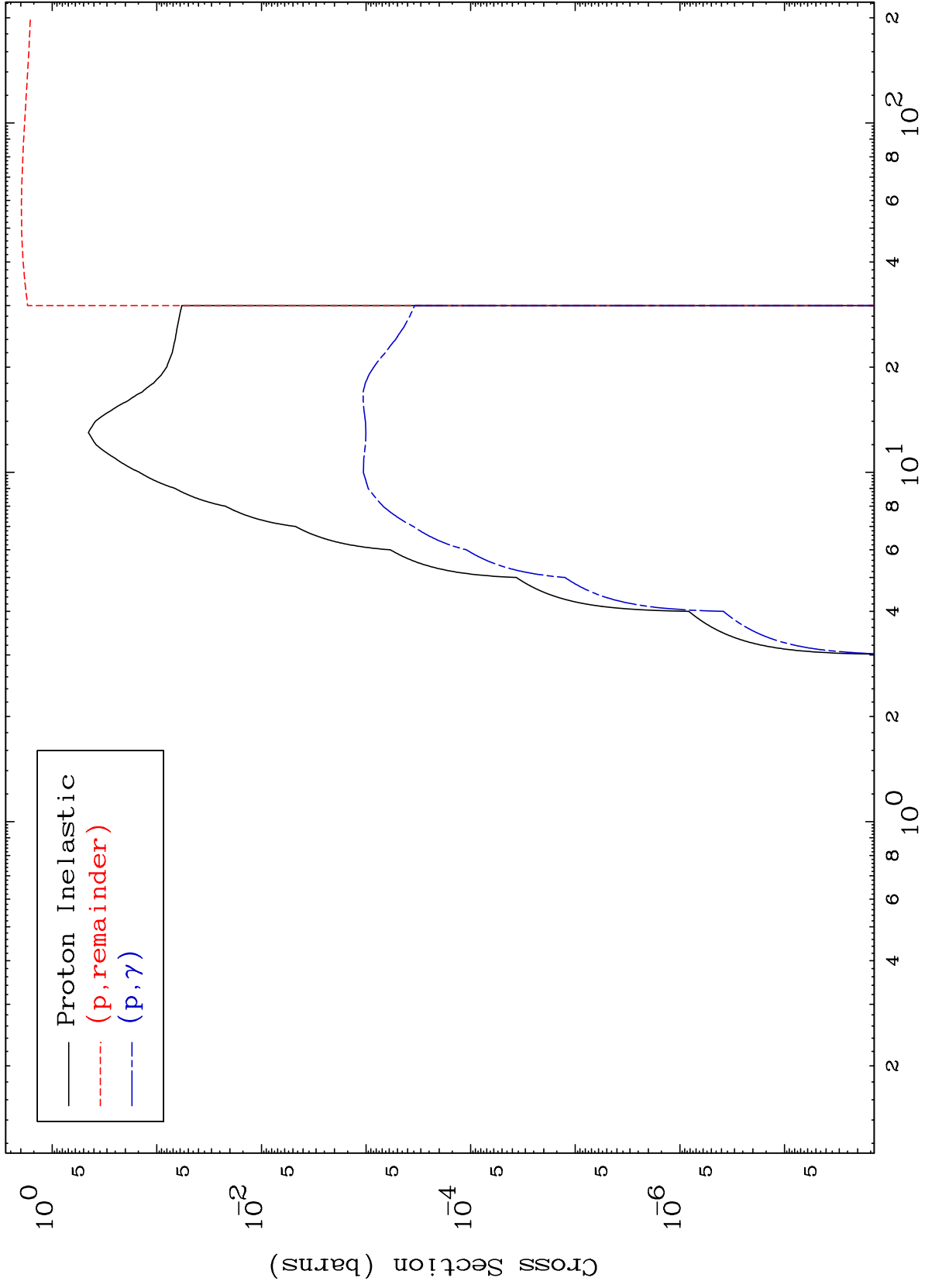
Tele: 925-443-1911

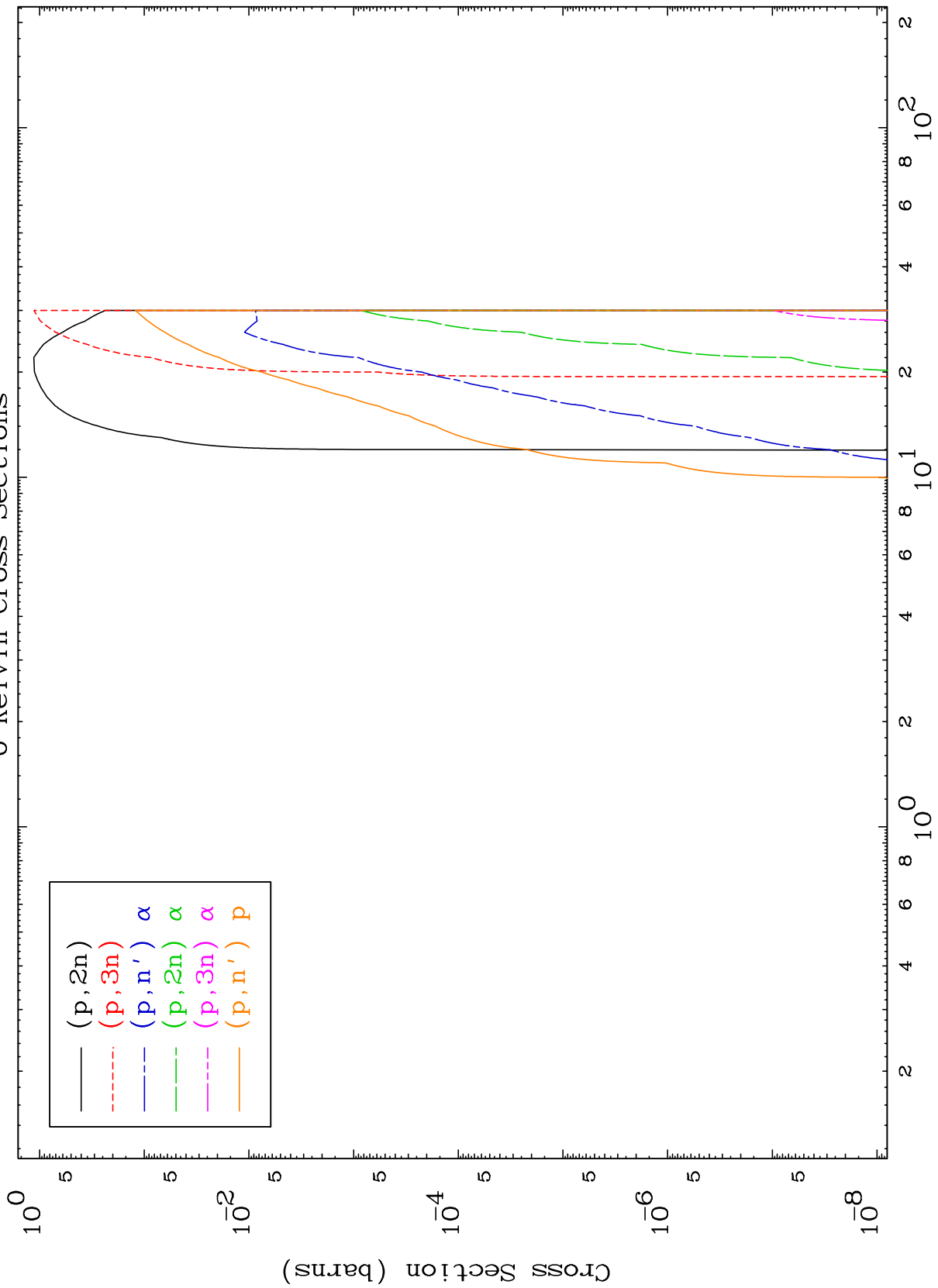
E.Mail:redcullen1@comcast.net

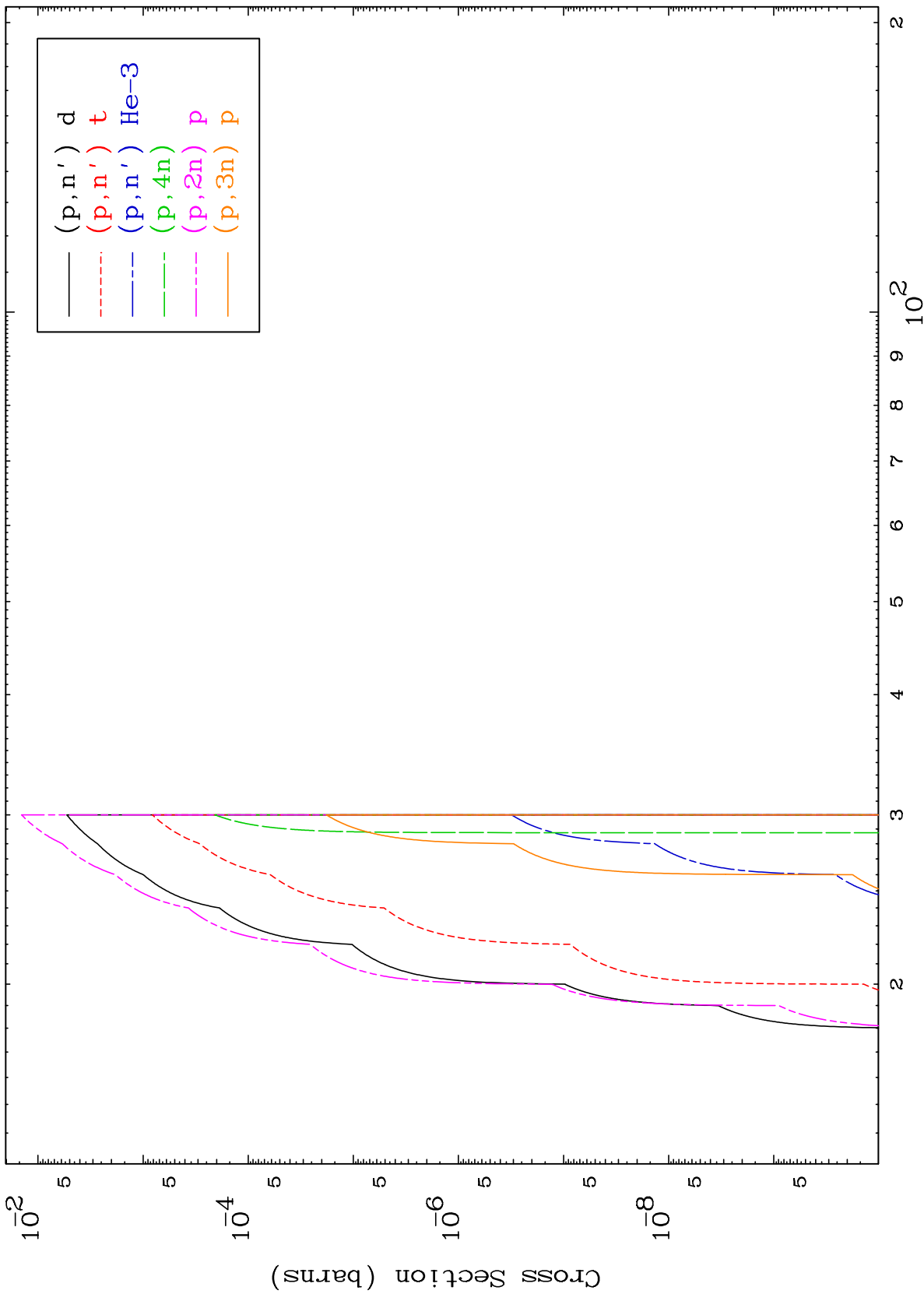
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Press Mouse Button to Start

0 Kelvin Cross Sections



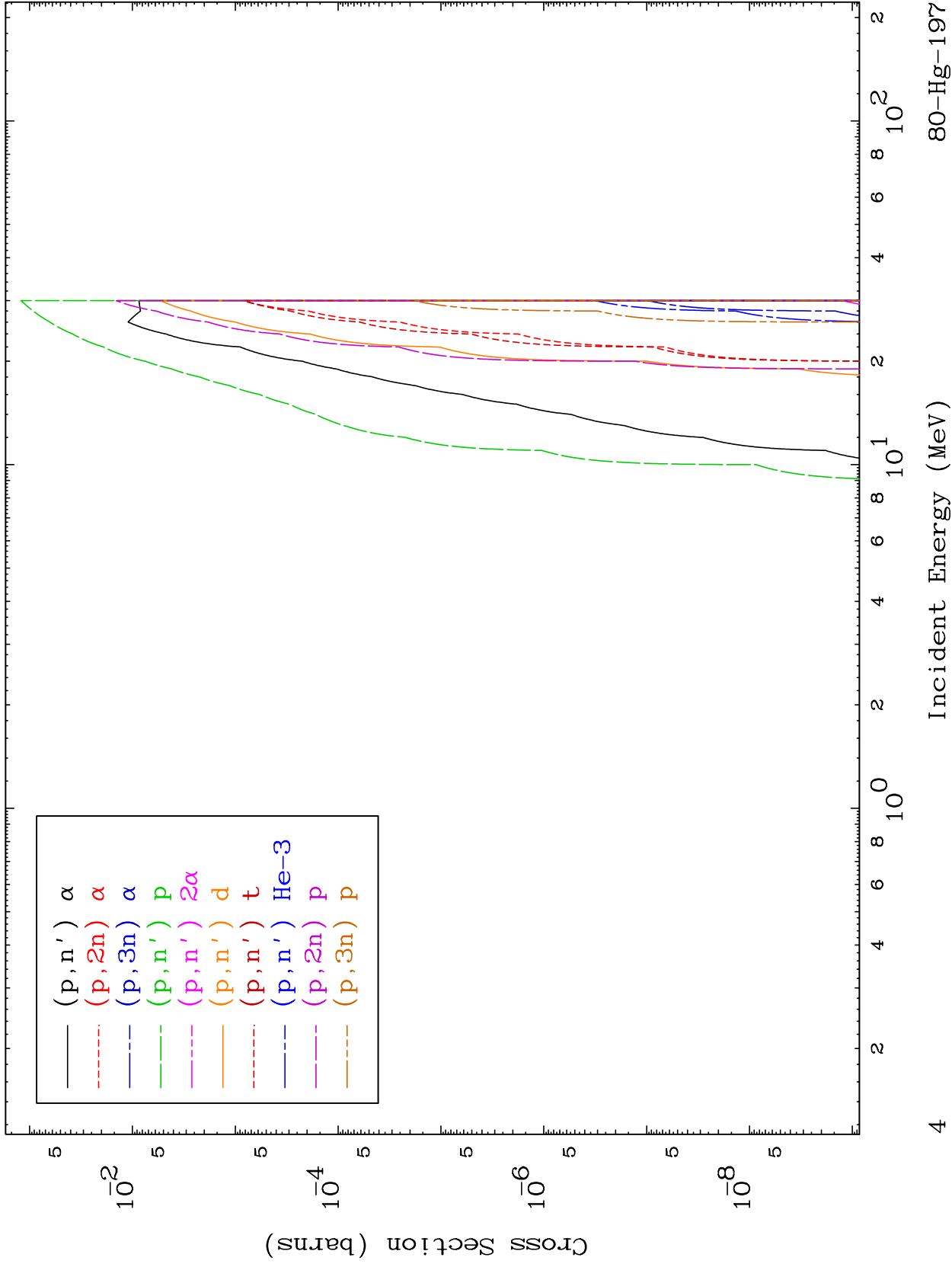


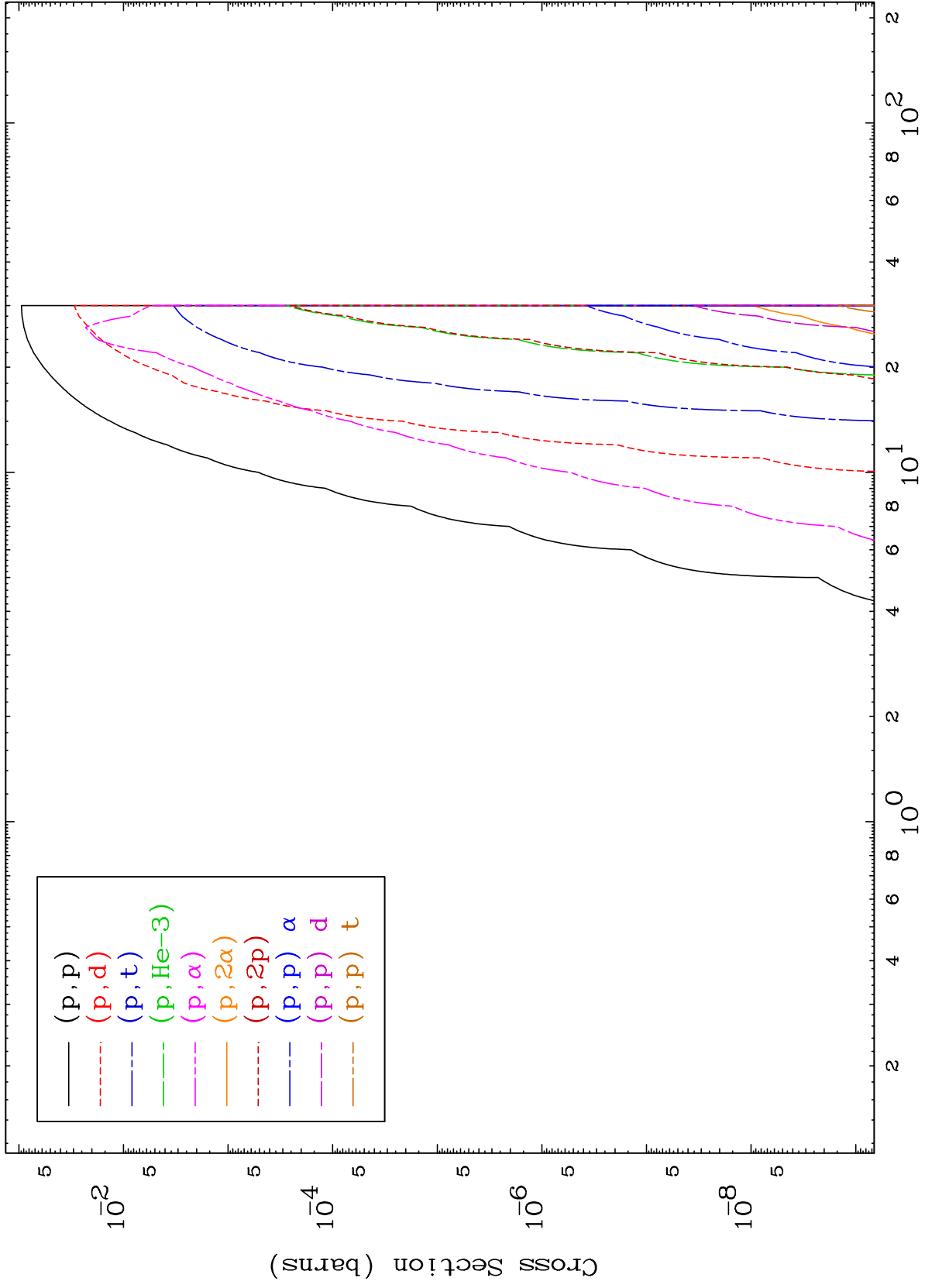


MAT 8028

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-197

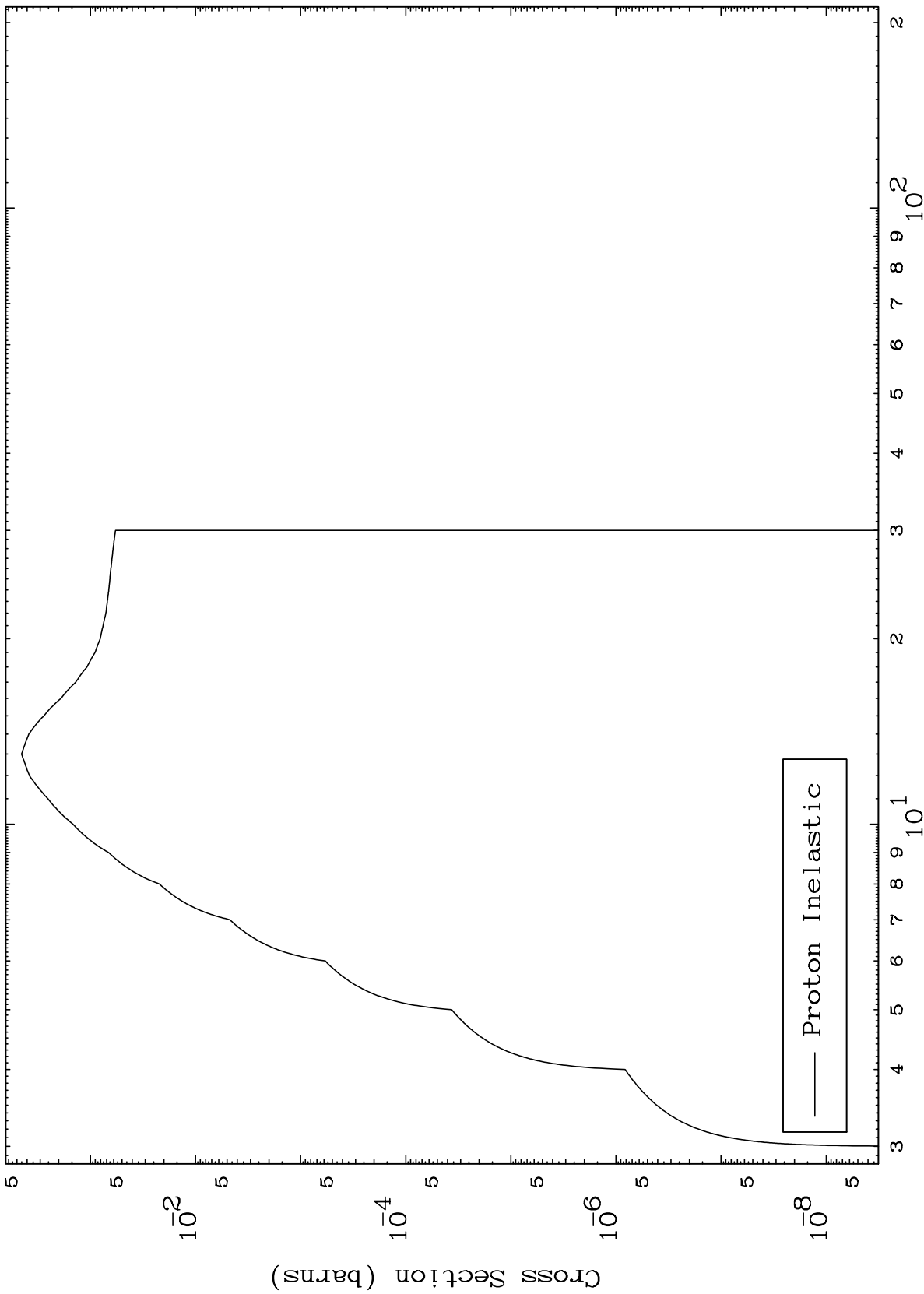




MAT 8028

80-Hg-197

(p,n') Level
0 Kelvin Cross Sections



80-Hg-197

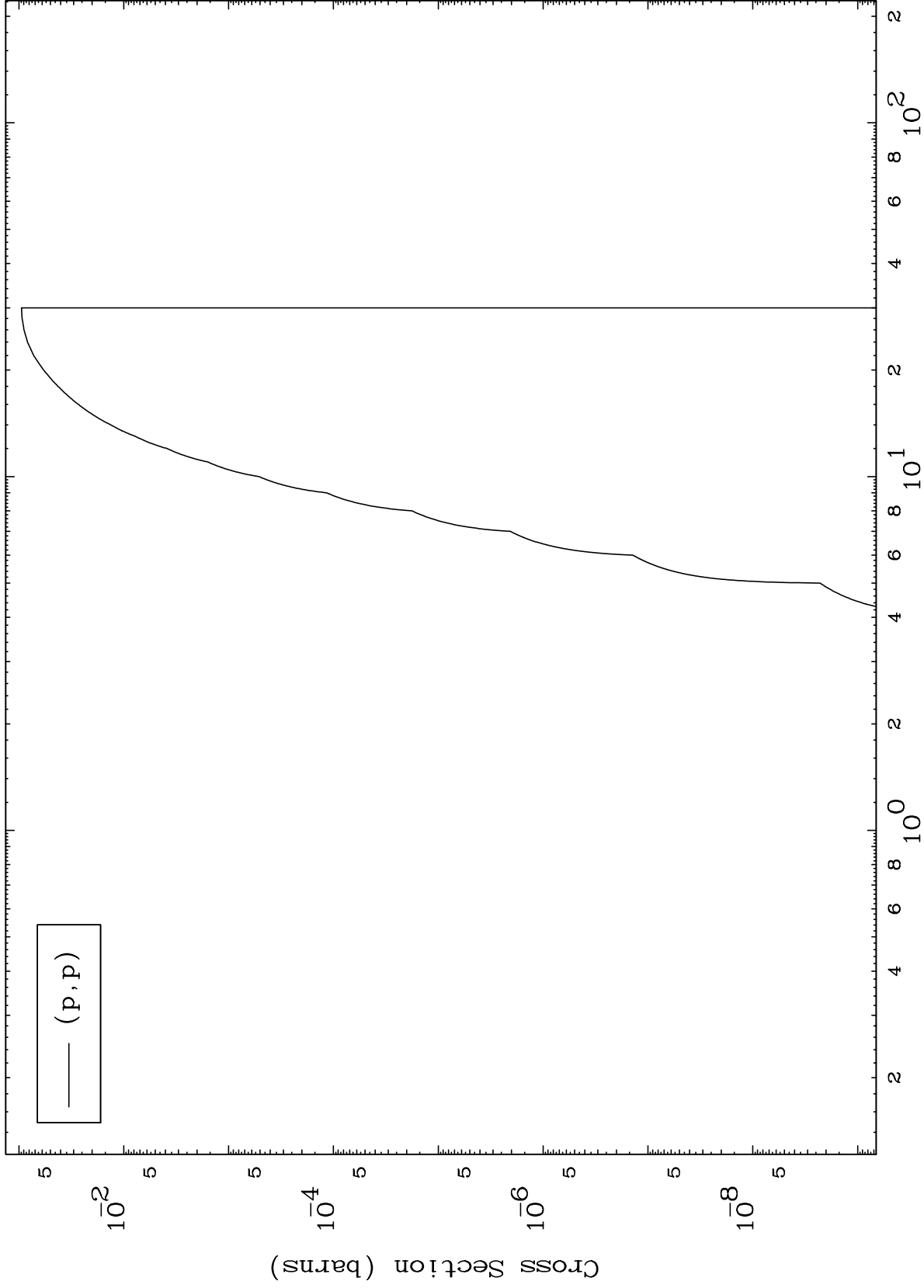
Incident Energy (MeV)

6

MAT 8028

(p,p) Levels
0 Kelvin Cross Sections

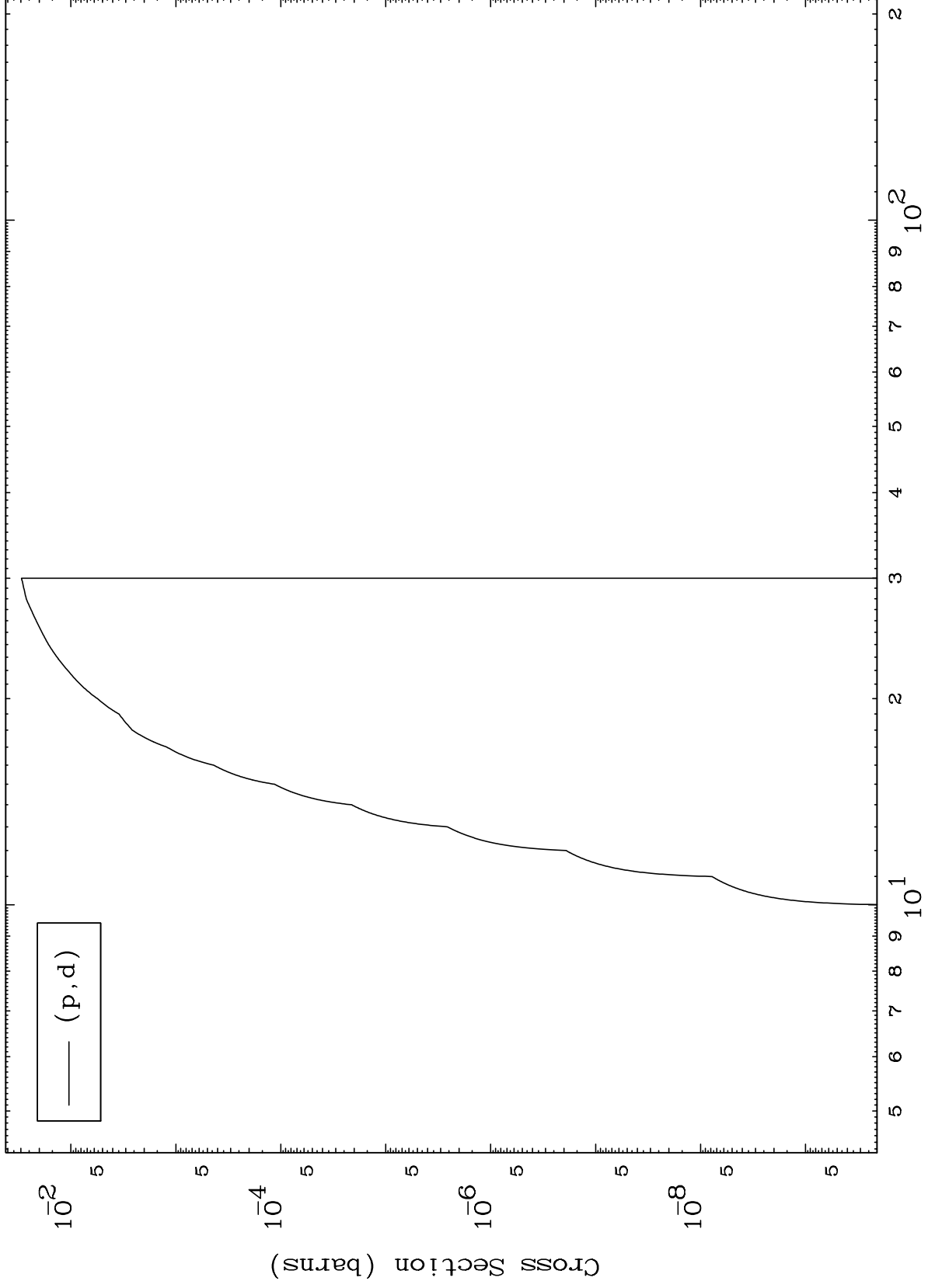
80-Hg-197



MAT 8028

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-197



8

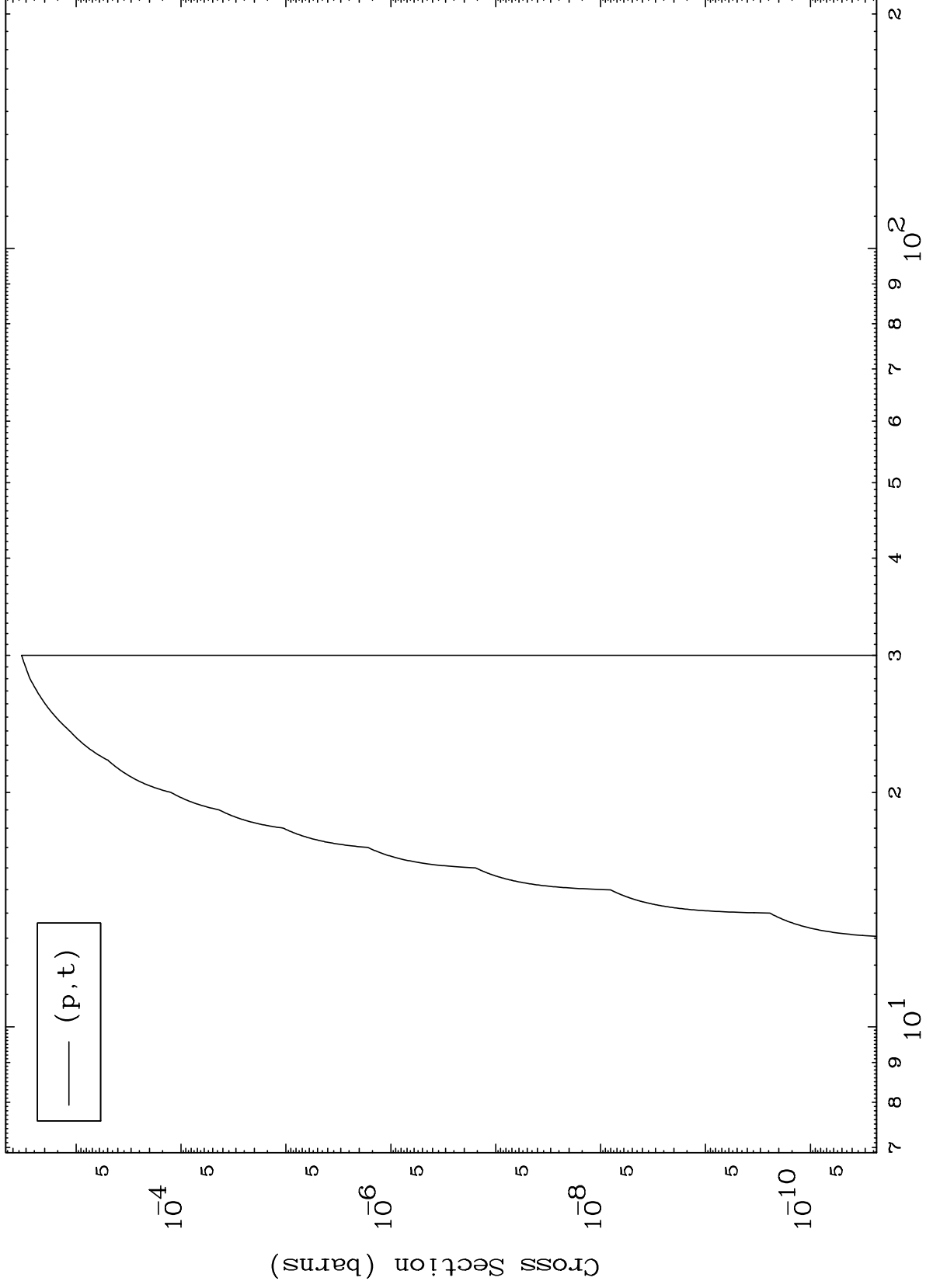
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p, t) Levels
0 Kelvin Cross Sections

80-Hg-197



9

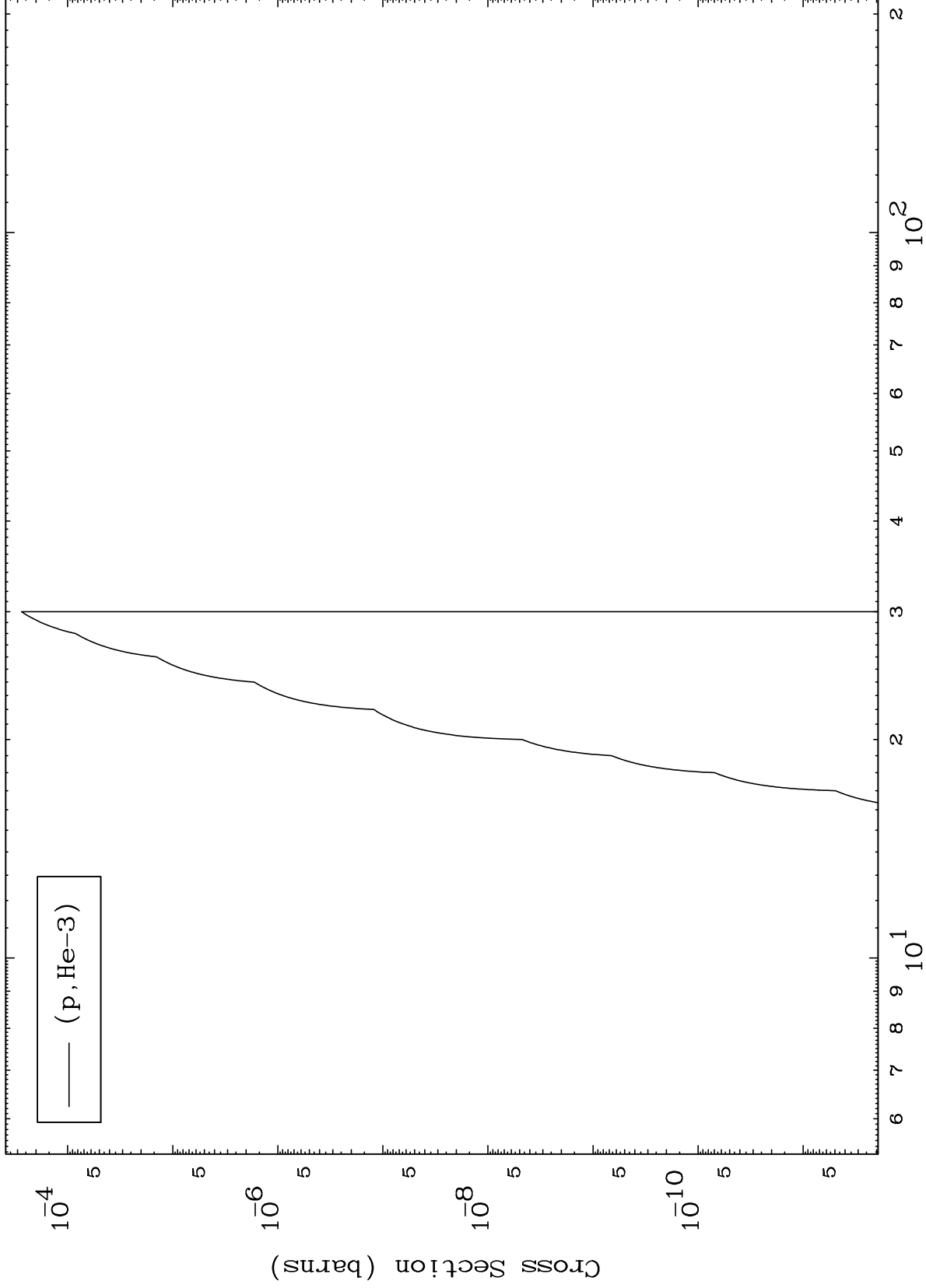
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-197



10

Incident Energy (MeV)

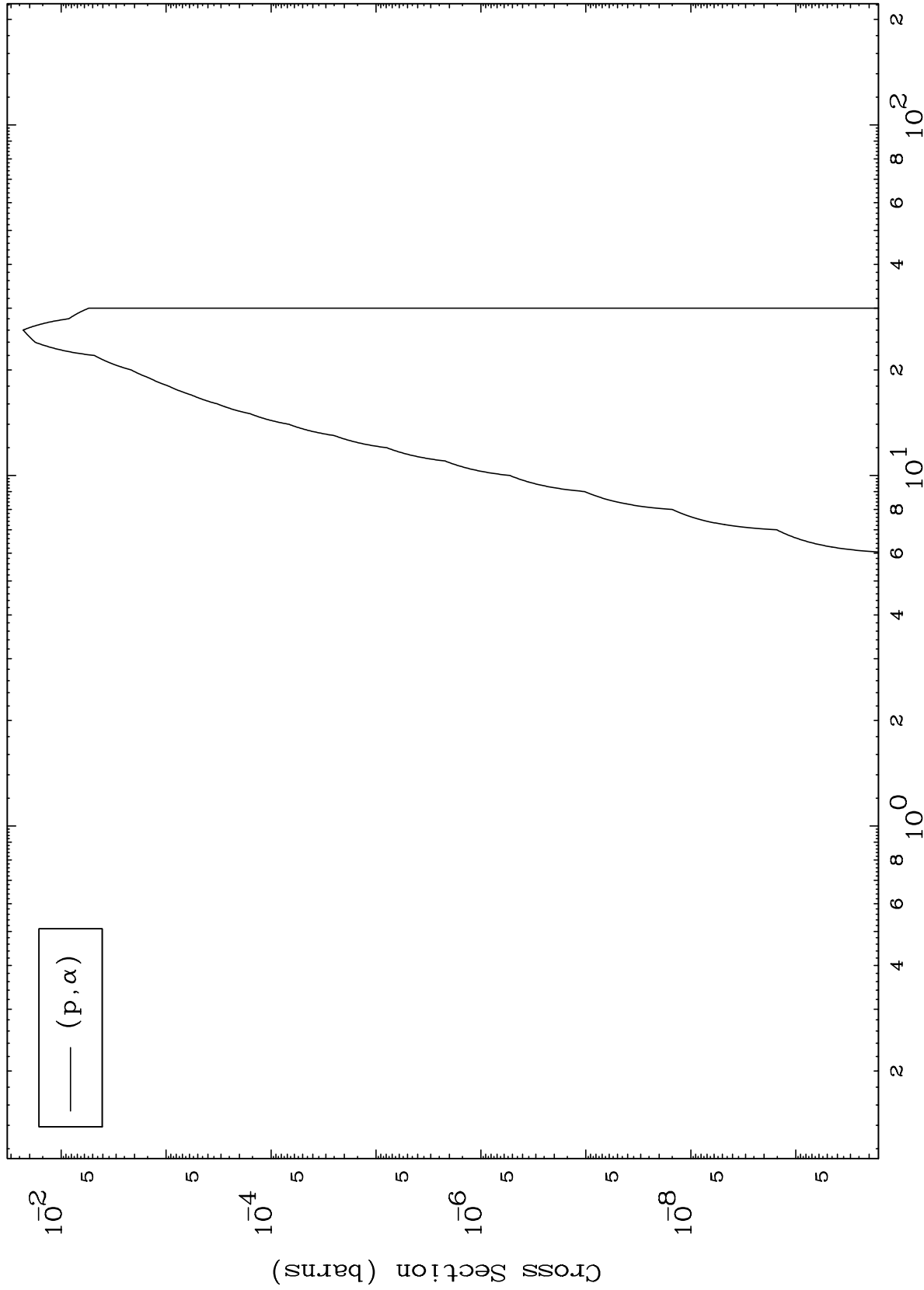
80-Hg-197

MAT 8028

(p, α) Levels

80-Hg-197

0 Kelvin Cross Sections

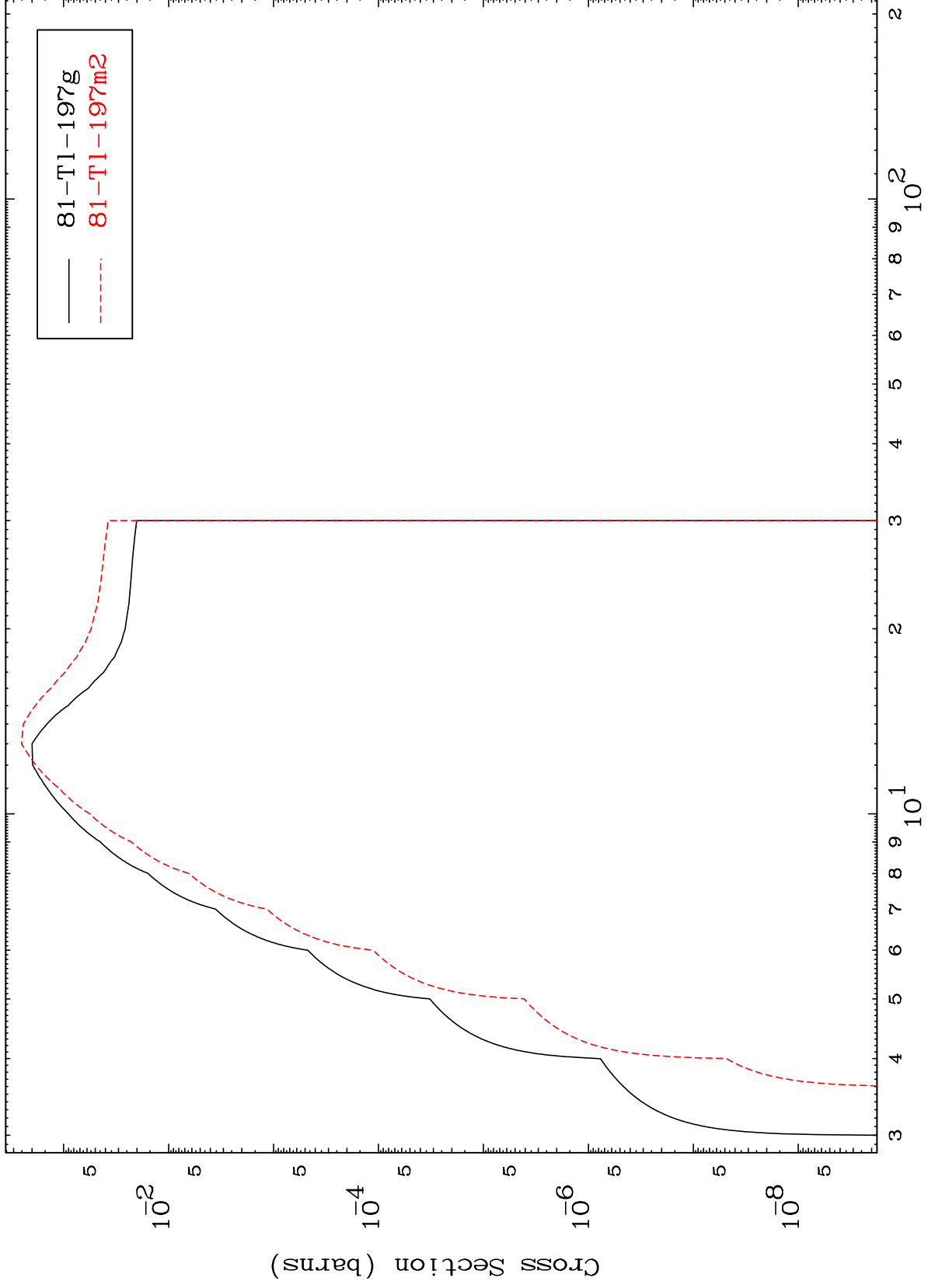


(p, α)

MAT 8028

Proton Inelastic
Radionuclide Production Cross Section

80-Hg-197

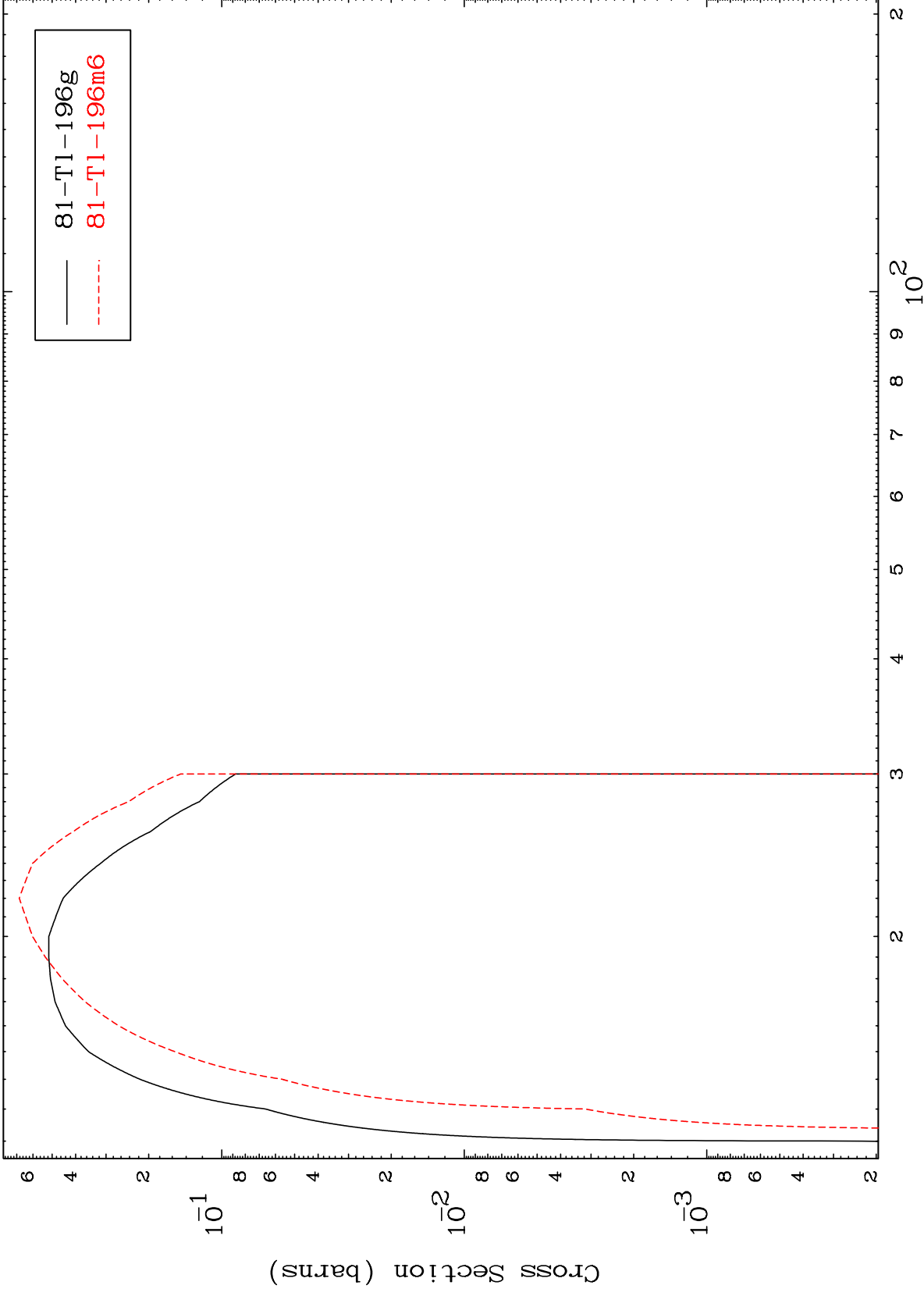


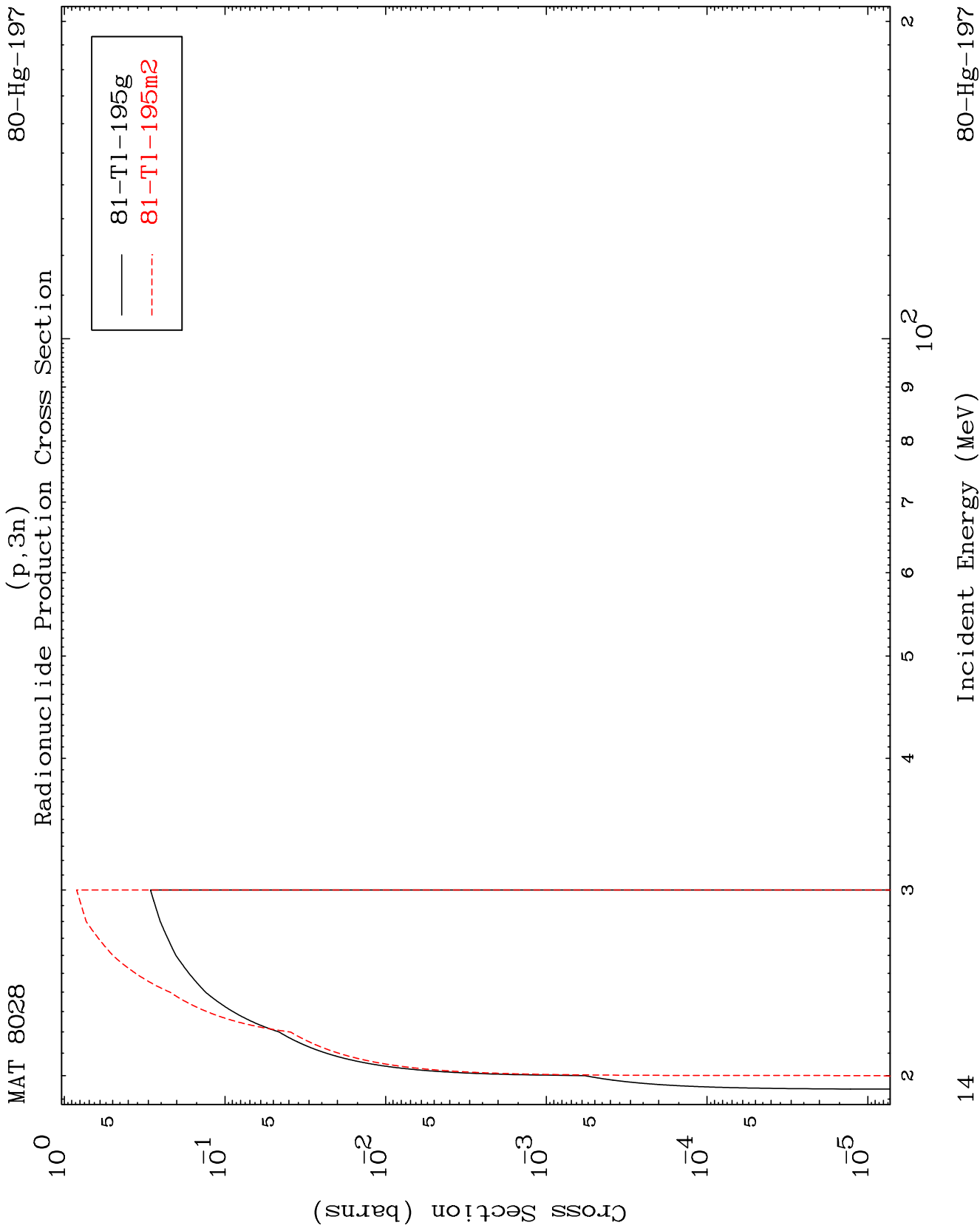
12

Incident Energy (MeV)

80-Hg-197

Radionuclide Production Cross Section

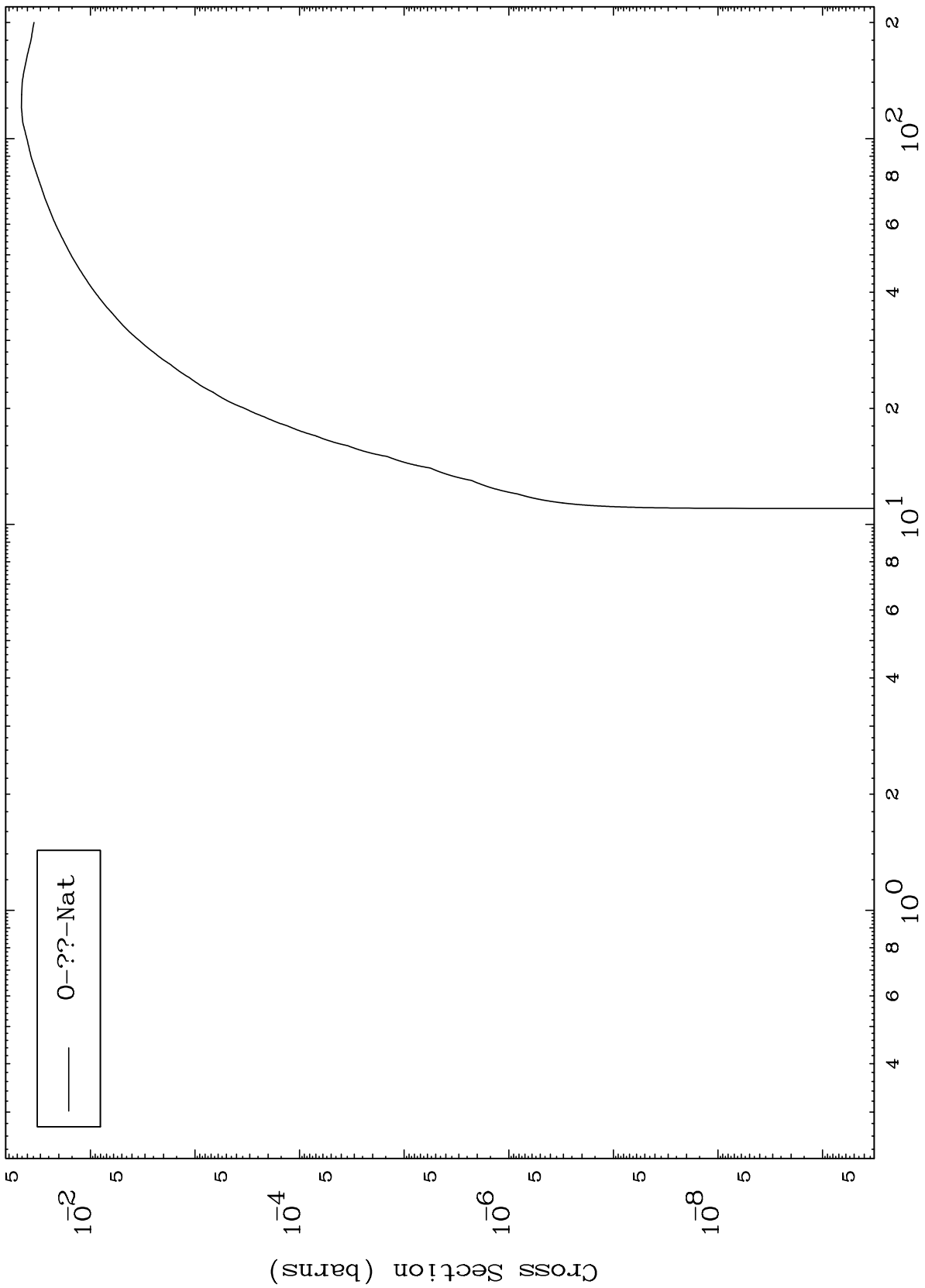




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Proton Fission
Radionuclide Production Cross Section

80-Hg-197



15

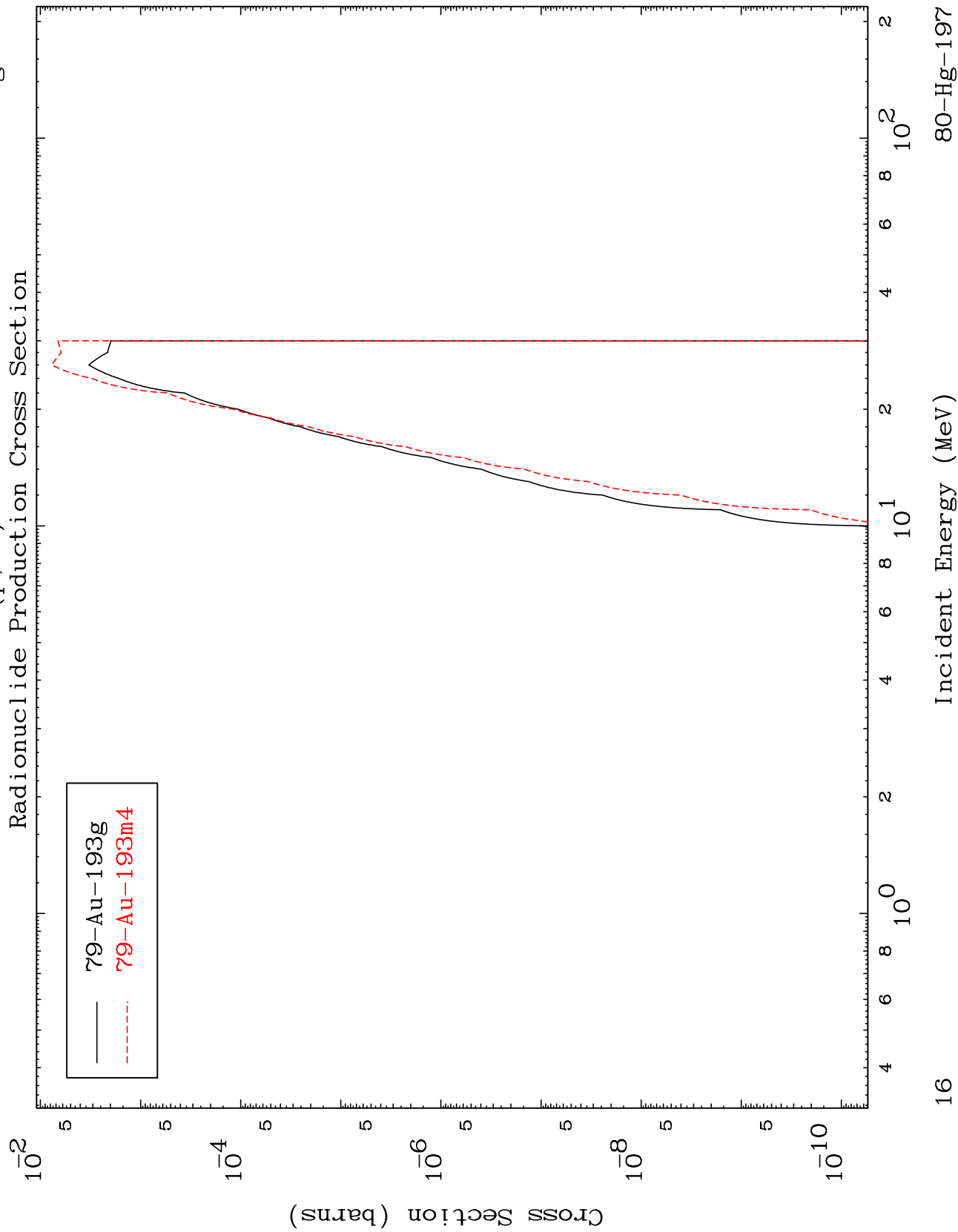
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p,n') α

80-Hg-197



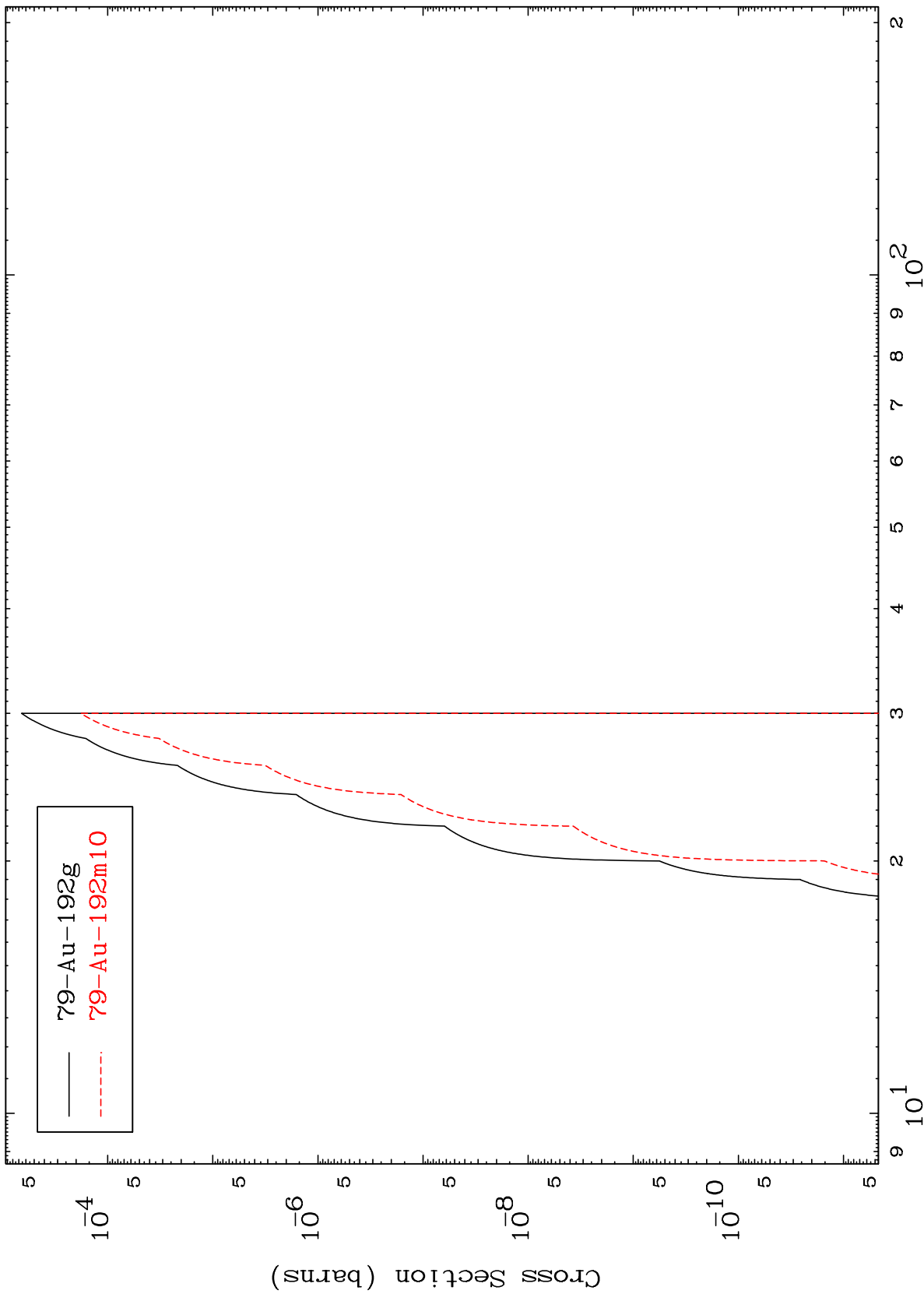
16

MAT 8028

(p,2n) α

80-Hg-197

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-197

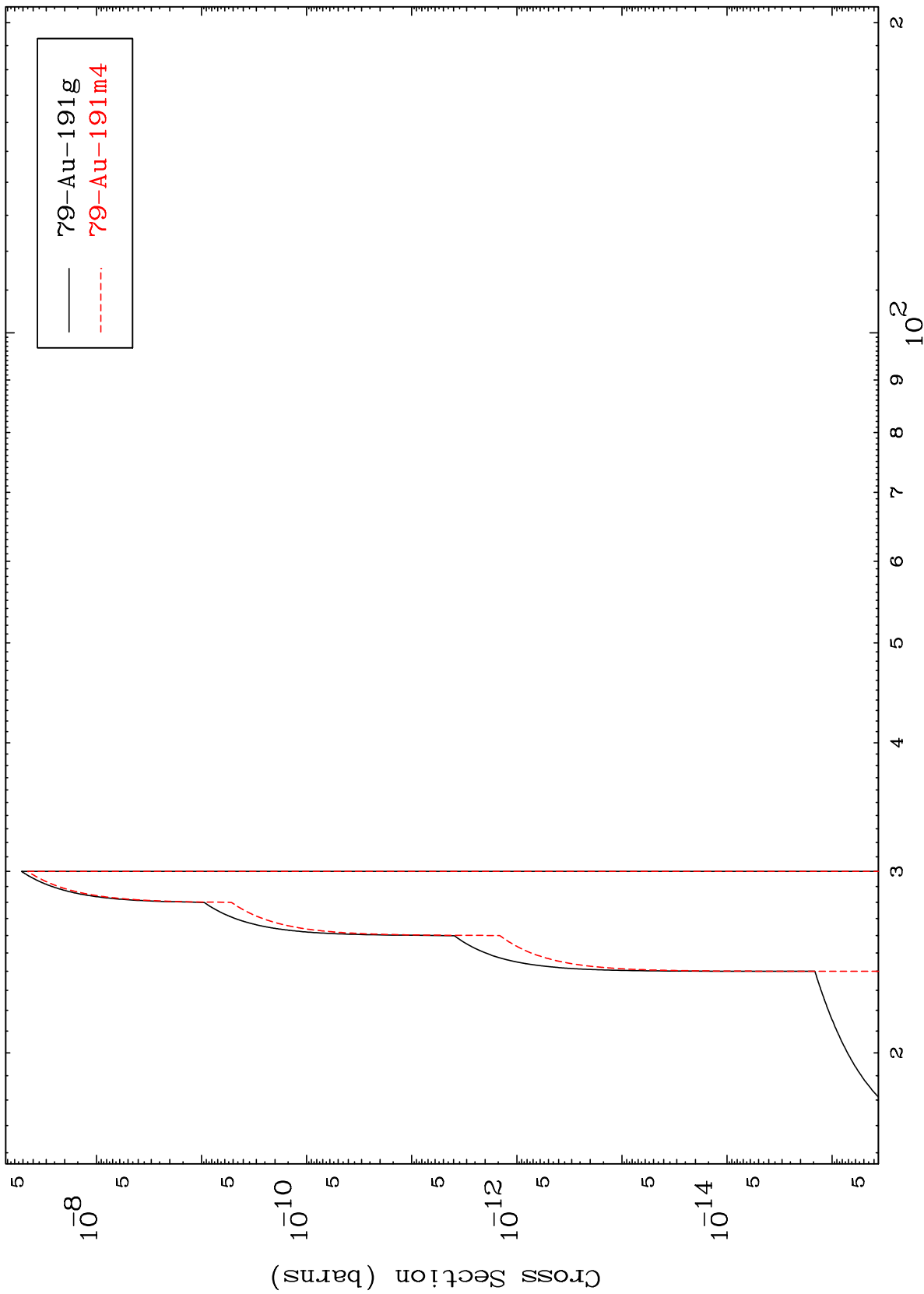
17

MAT 8028

(p,3n) α

80-Hg-197

Radionuclide Production Cross Section



18

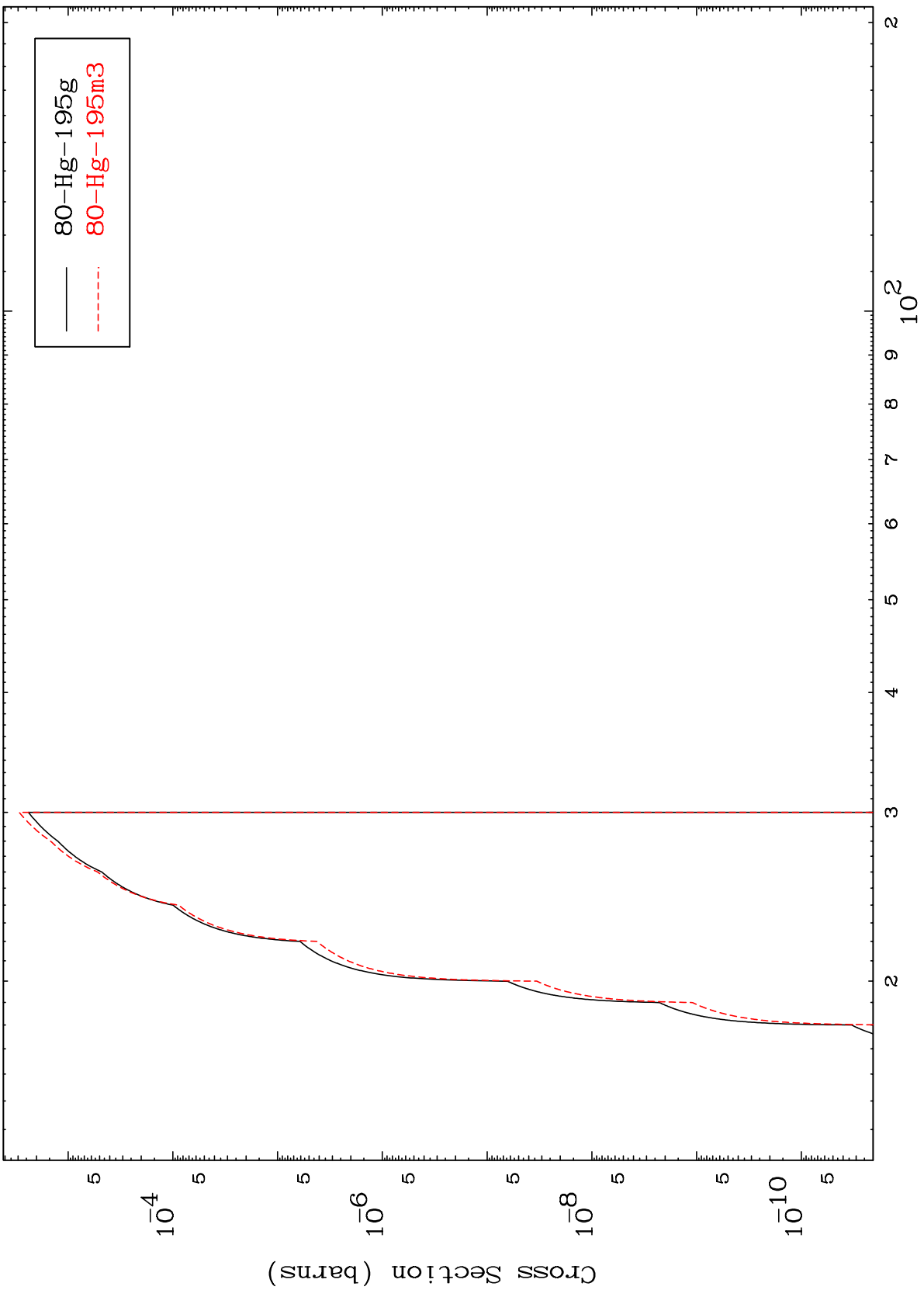
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

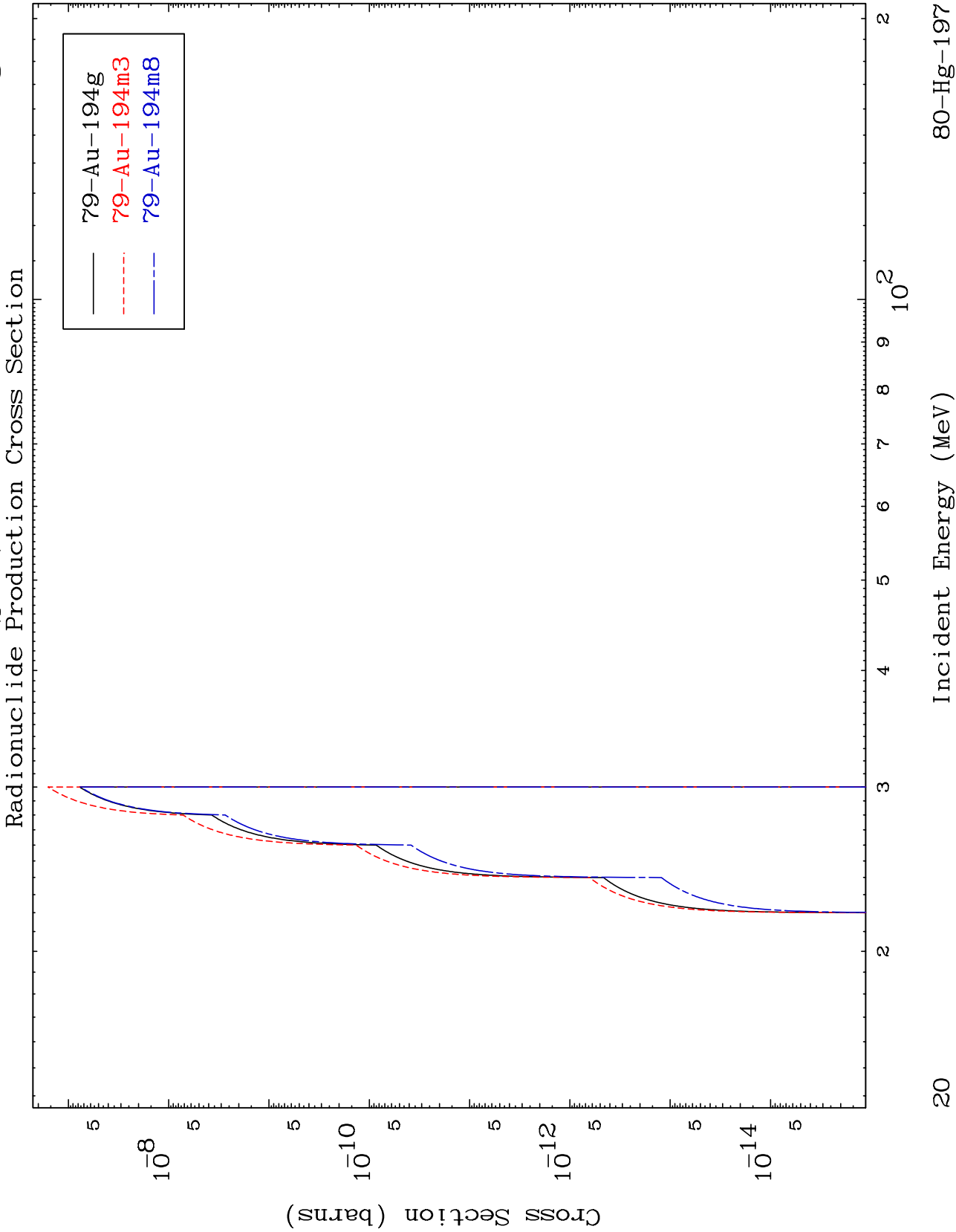
(p,n') d
Radionuclide Production Cross Section



19

Incident Energy (MeV)

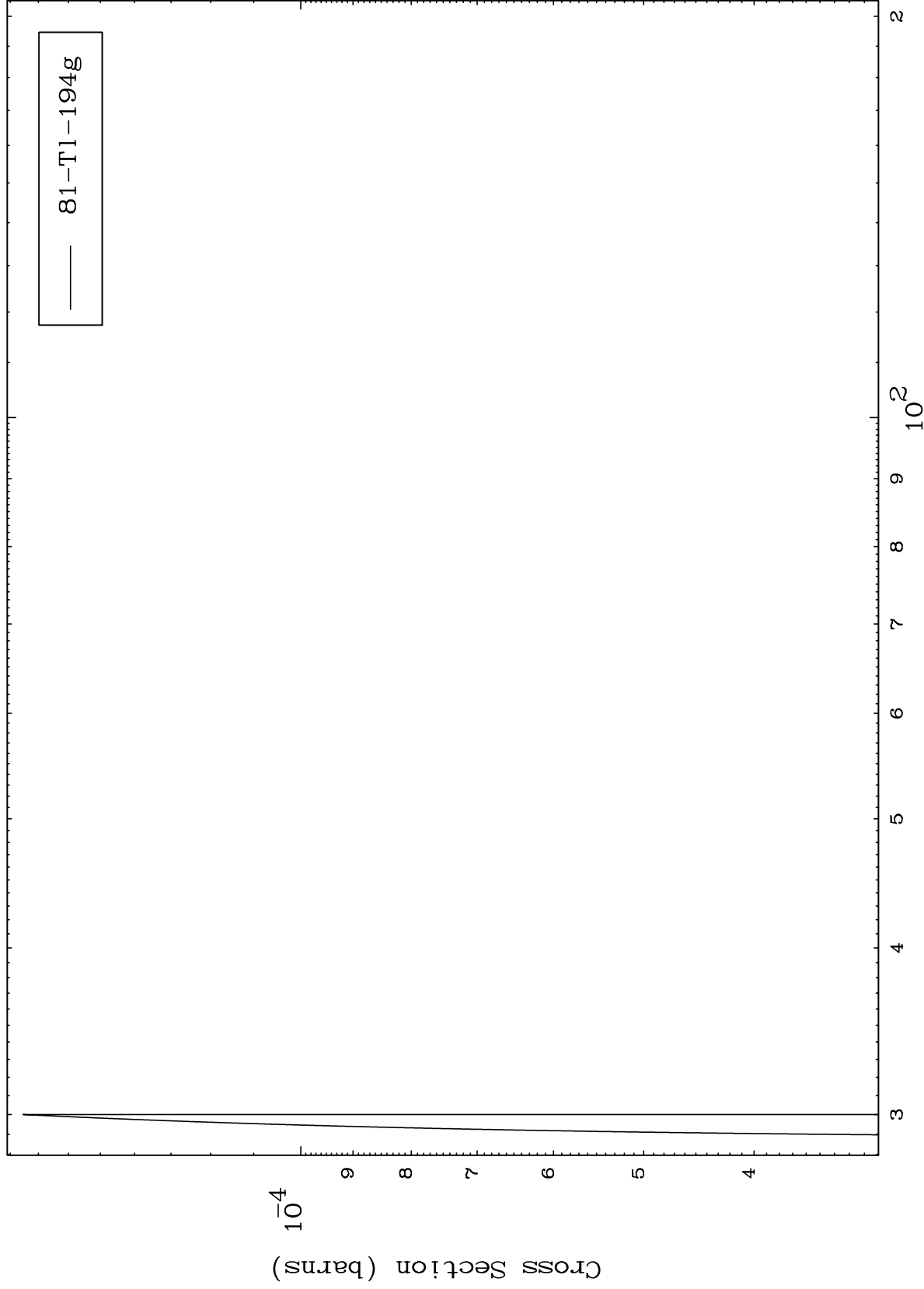
80-Hg-197



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80-Hg-197

(p,4n)
Radionuclide Production Cross Section



21

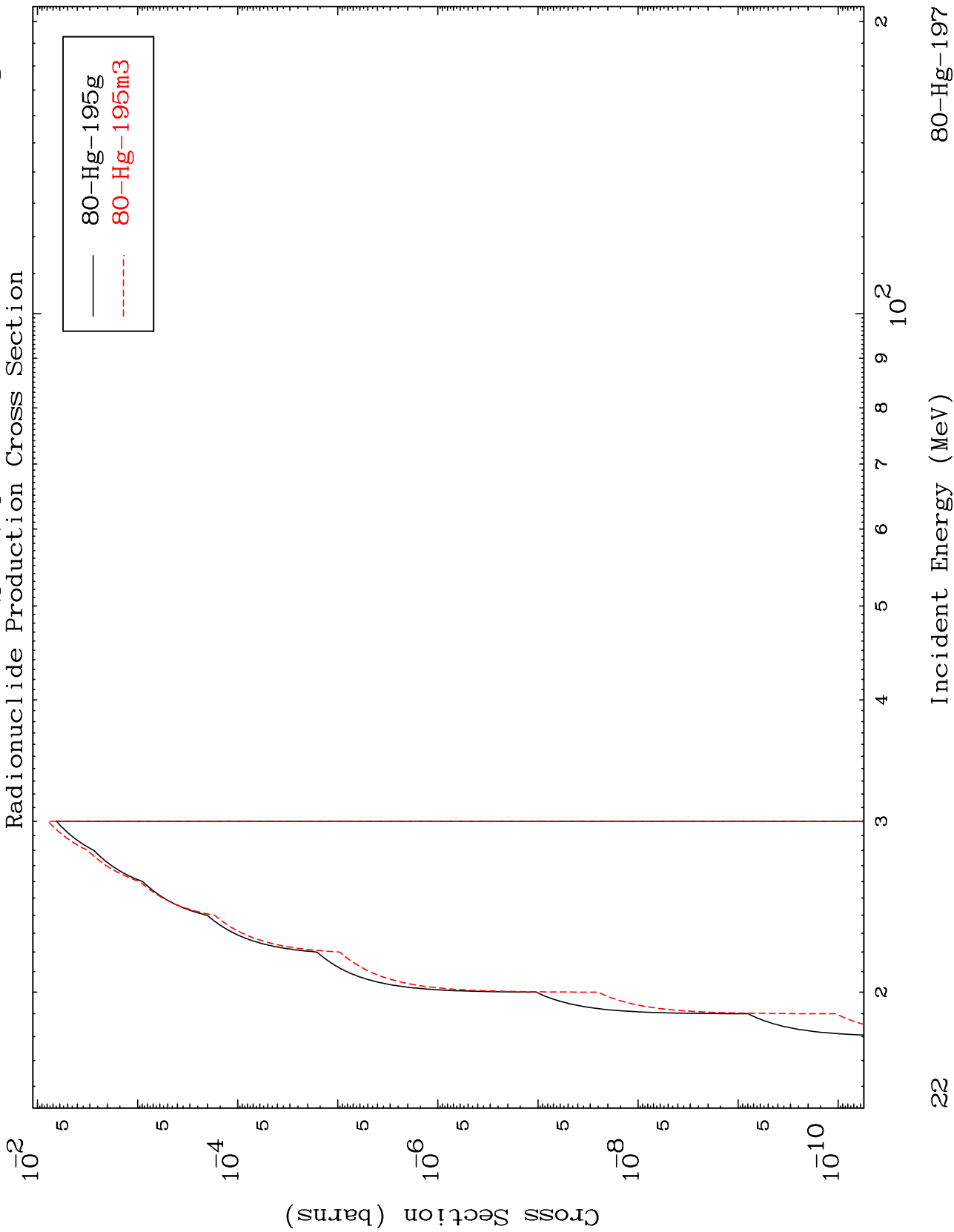
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p,2n) p

80-Hg-197



22

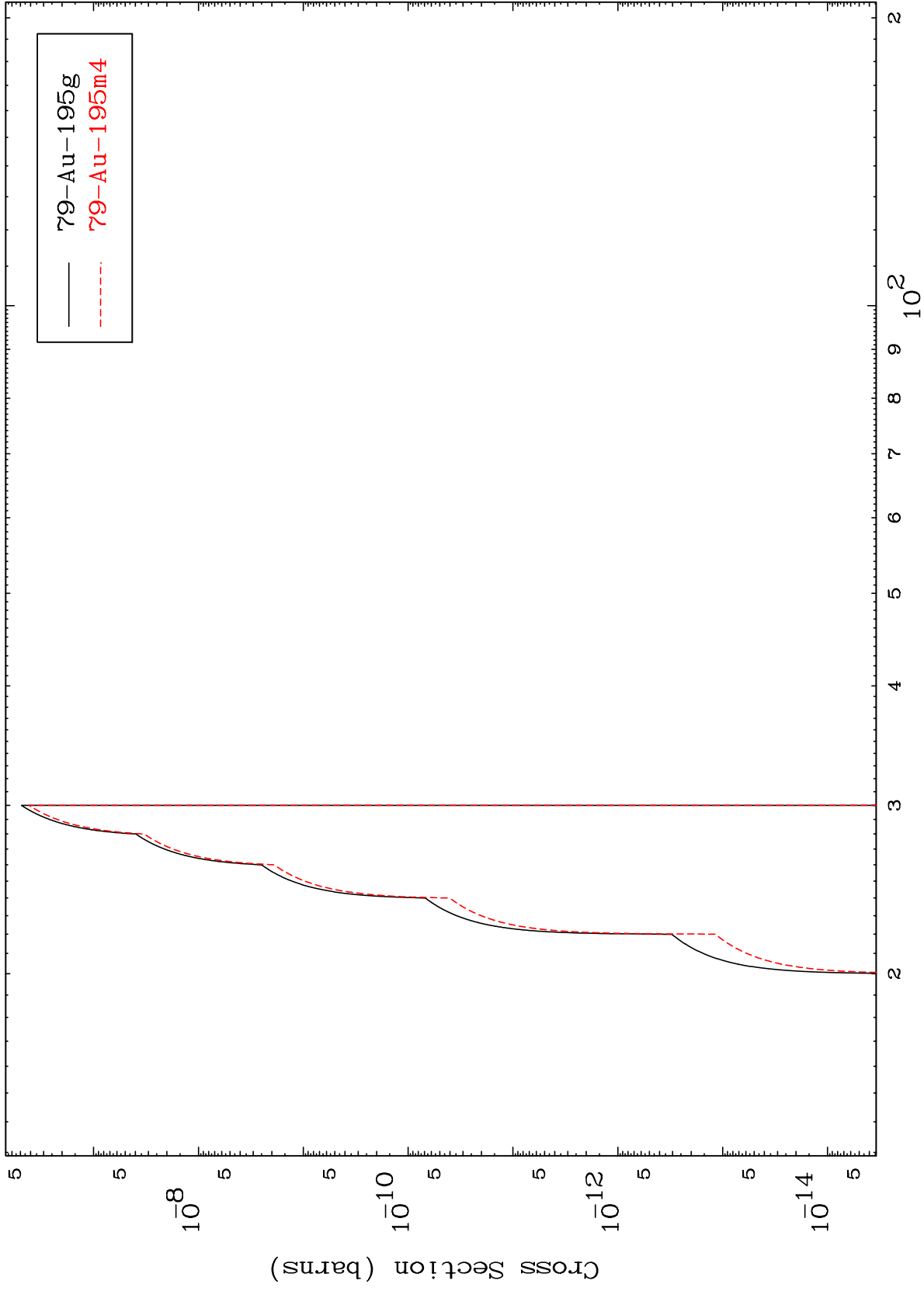
80-Hg-197

MAT 8028

(p,2n) p

80-Hg-197

Radionuclide Production Cross Section



23

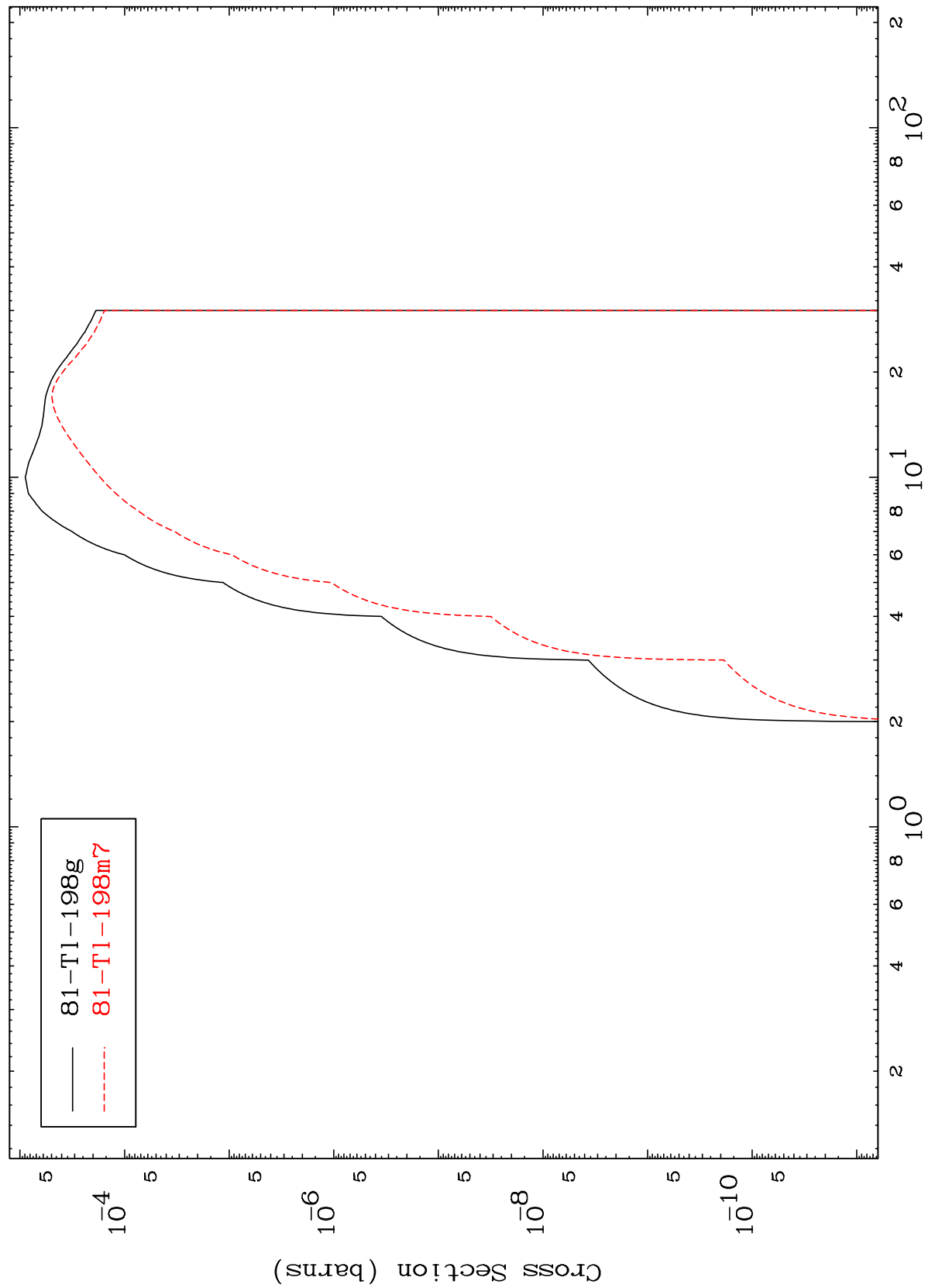
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(p, γ)
Radionuclide Production Cross Section



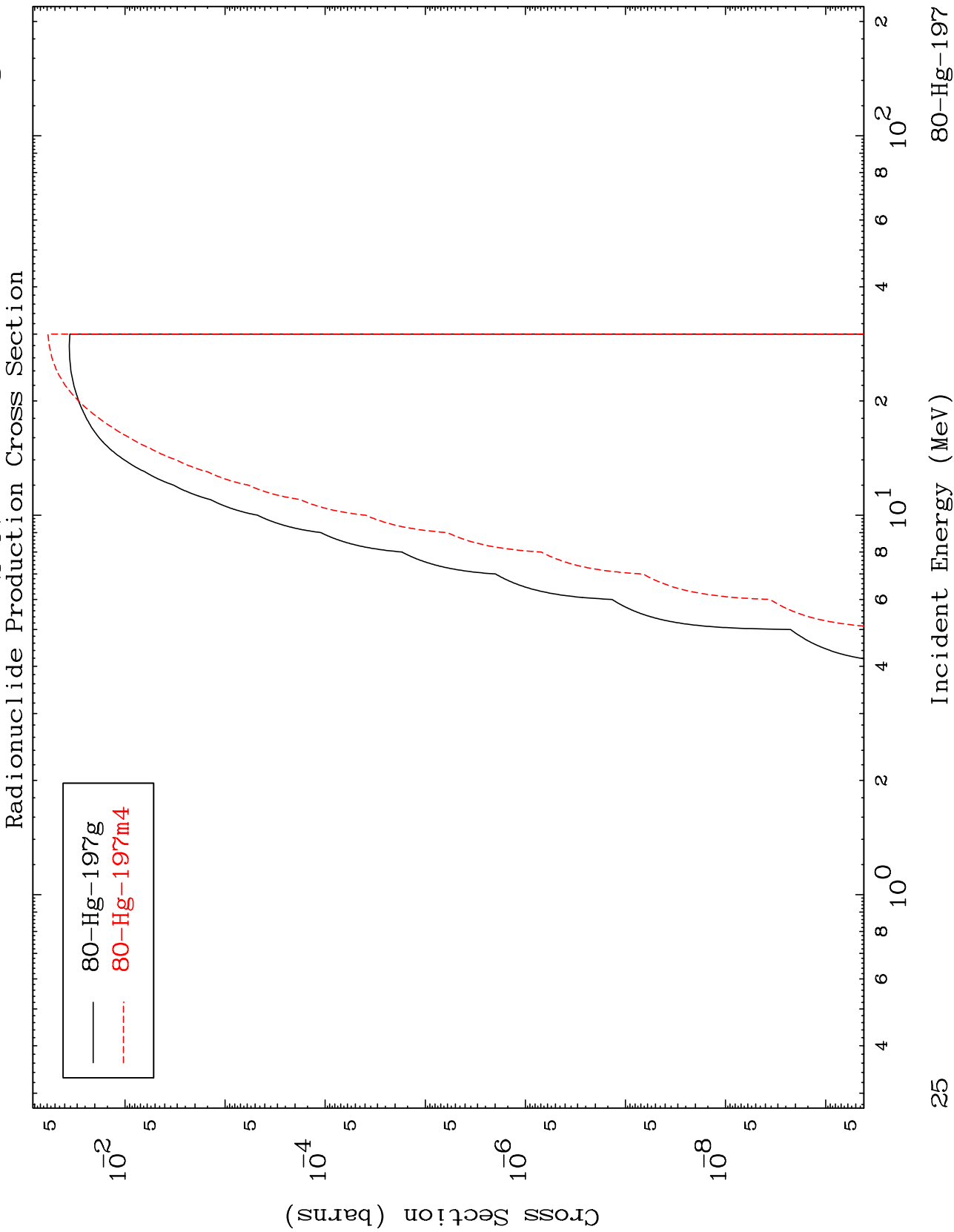
80-Hg-197

Incident Energy (MeV)

24

MAT 8028

80-Hg-197



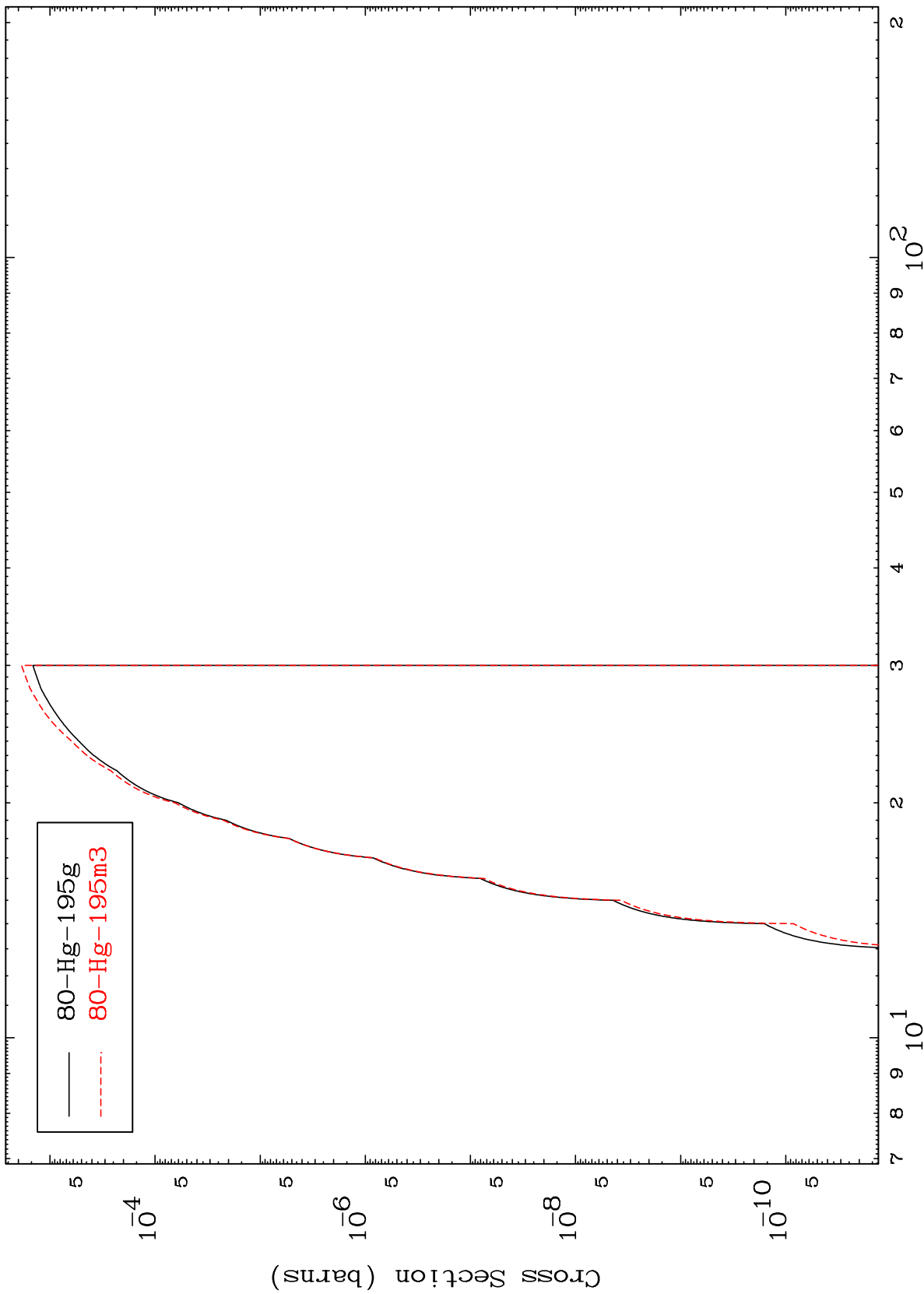
25

80-Hg-197

MAT 8028

80-Hg-197

(p, t)
Radionuclide Production Cross Section



80-Hg-197

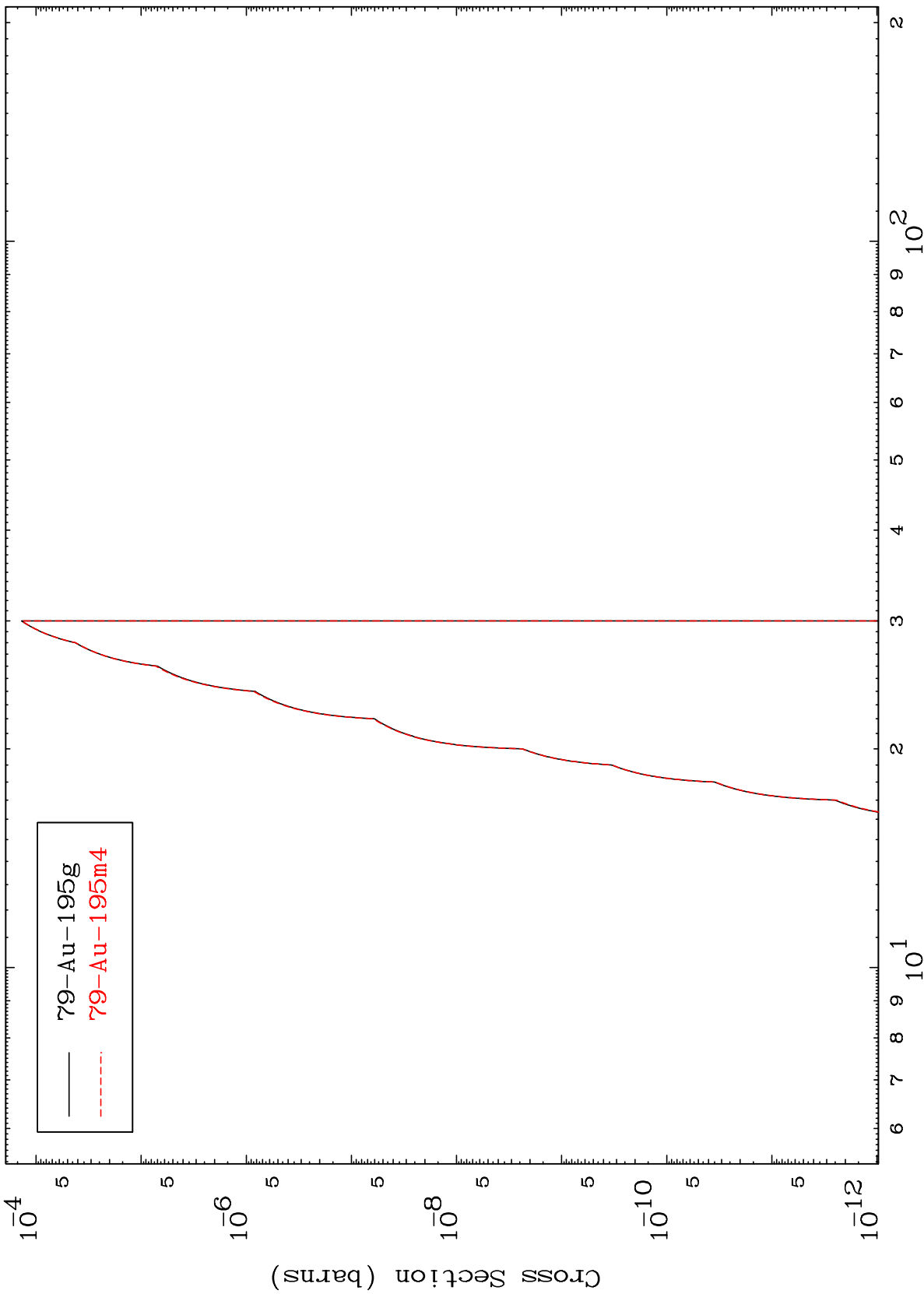
Incident Energy (MeV)

26

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80-Hg-197

Radionuclide Production Cross Section



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

Incident Energy (MeV)

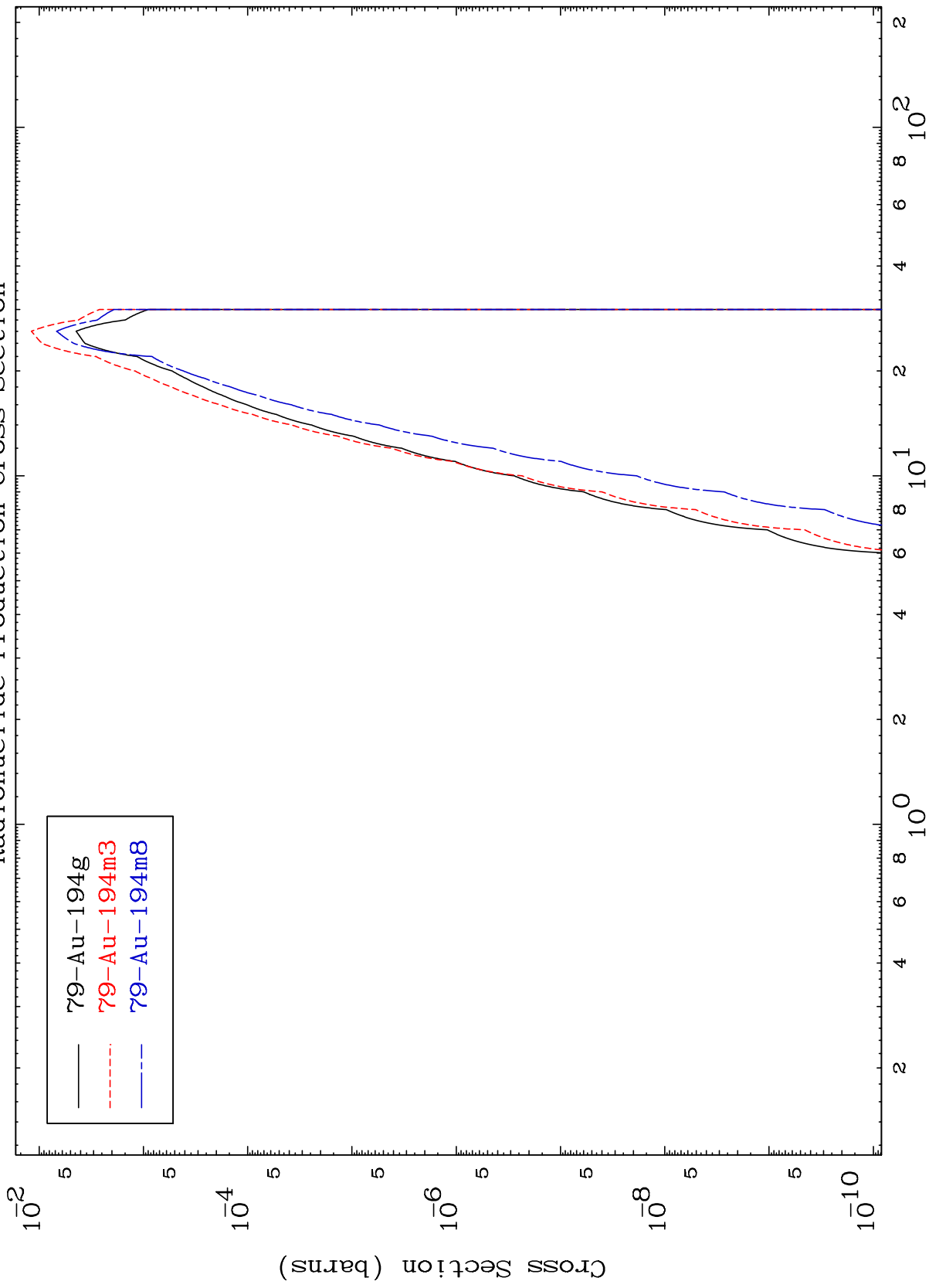
80-Hg-197

27

MAT 8028

80-Hg-197

Radionuclide Production Cross Section
(p, α)



80-Hg-197

Incident Energy (MeV)

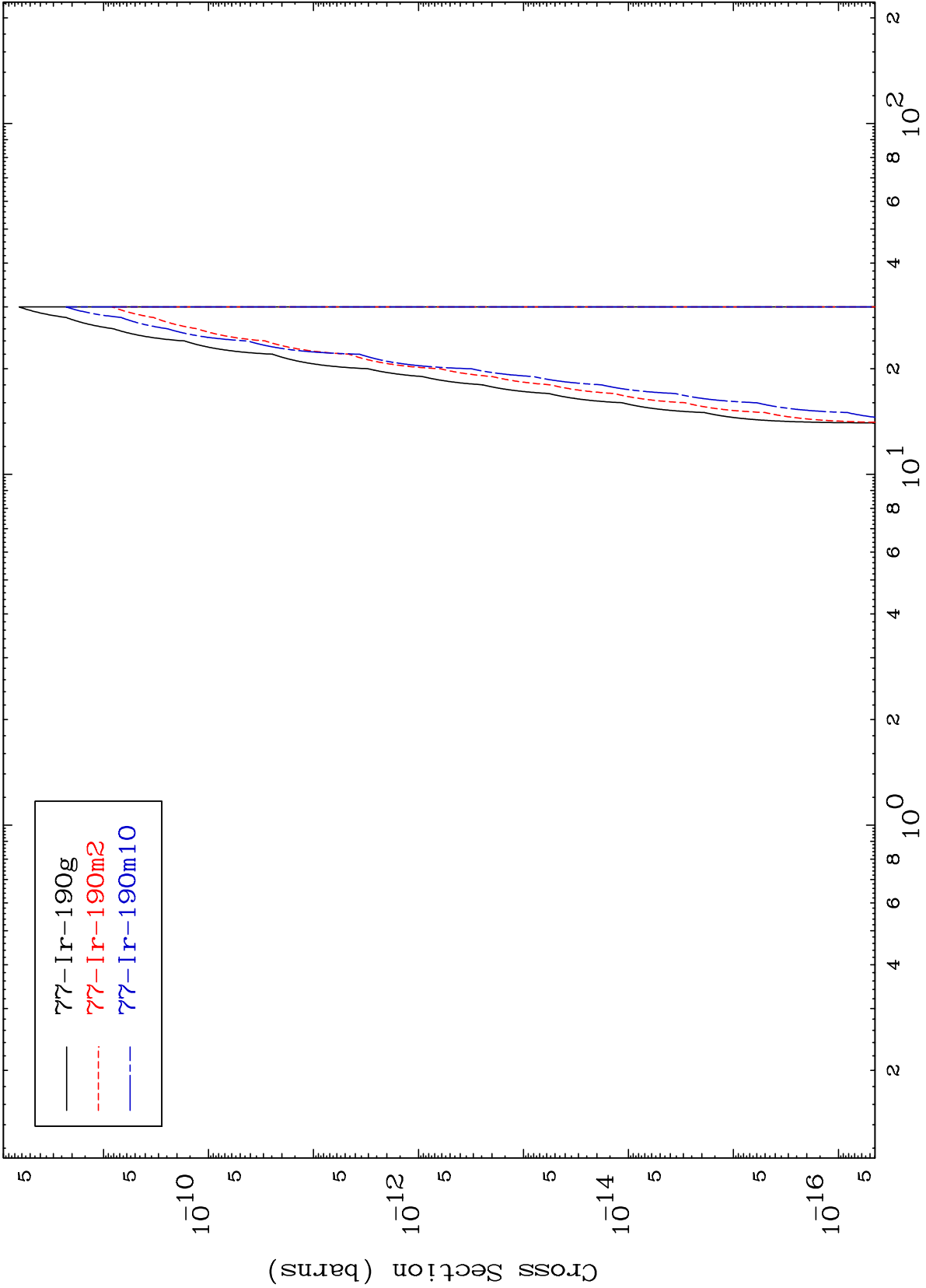
28

MAT 8028

(p,2α)

80-Hg-197

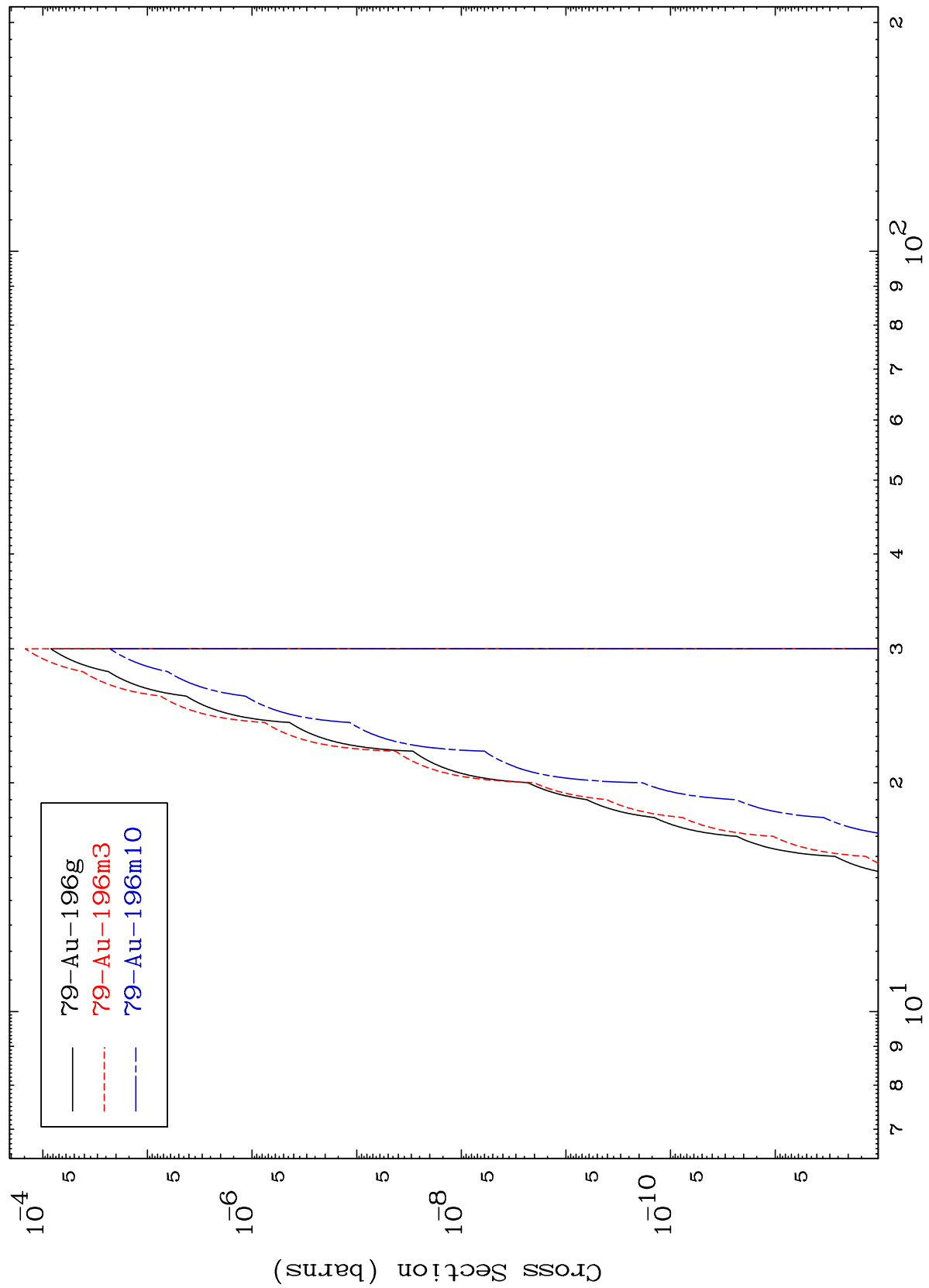
Radionuclide Production Cross Section



MAT 8028

80-Hg-197

(p,2p)
Radionuclide Production Cross Section



79-Au-196g
79-Au-196m3
79-Au-196m10

30

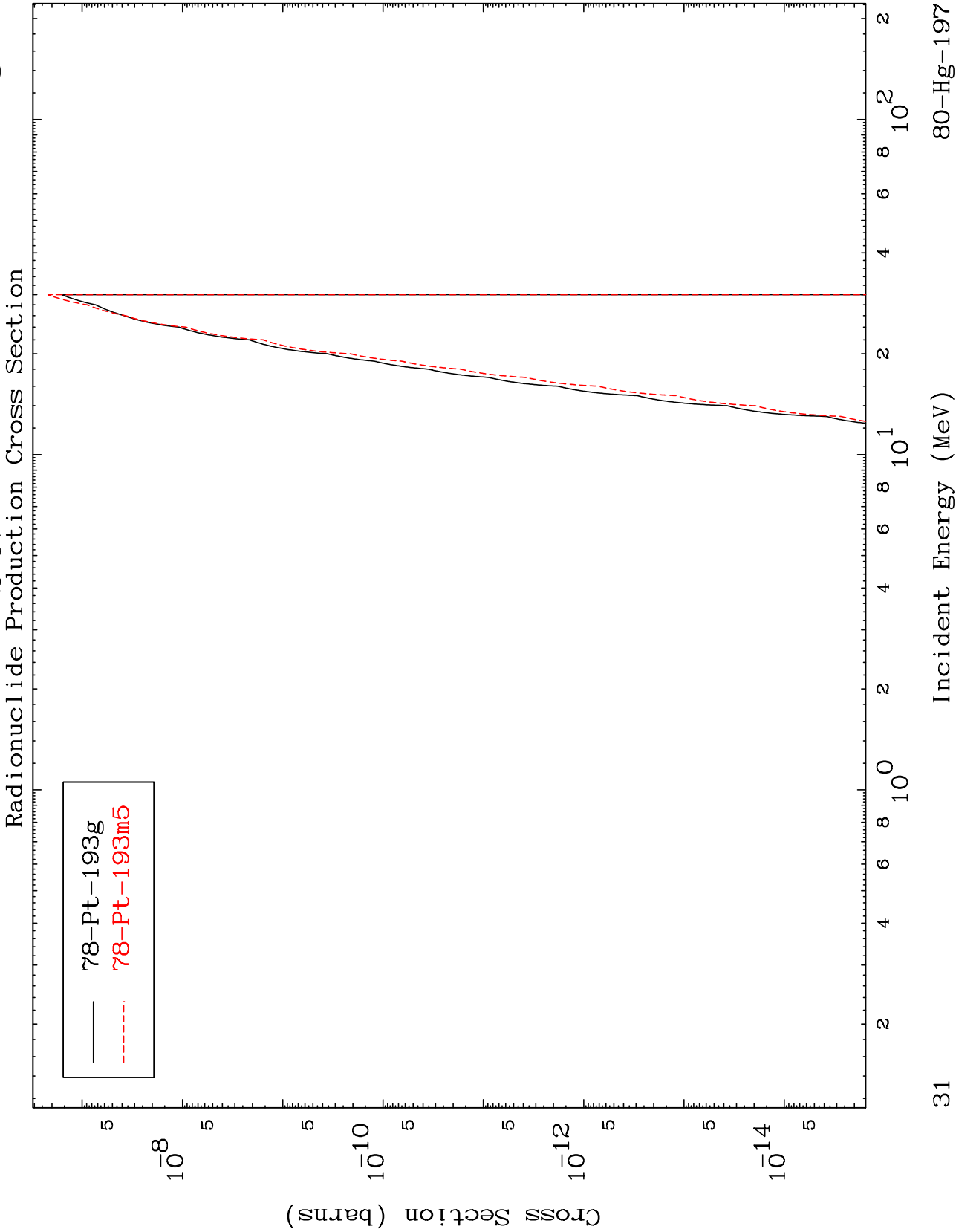
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p,p) α

80-Hg-197

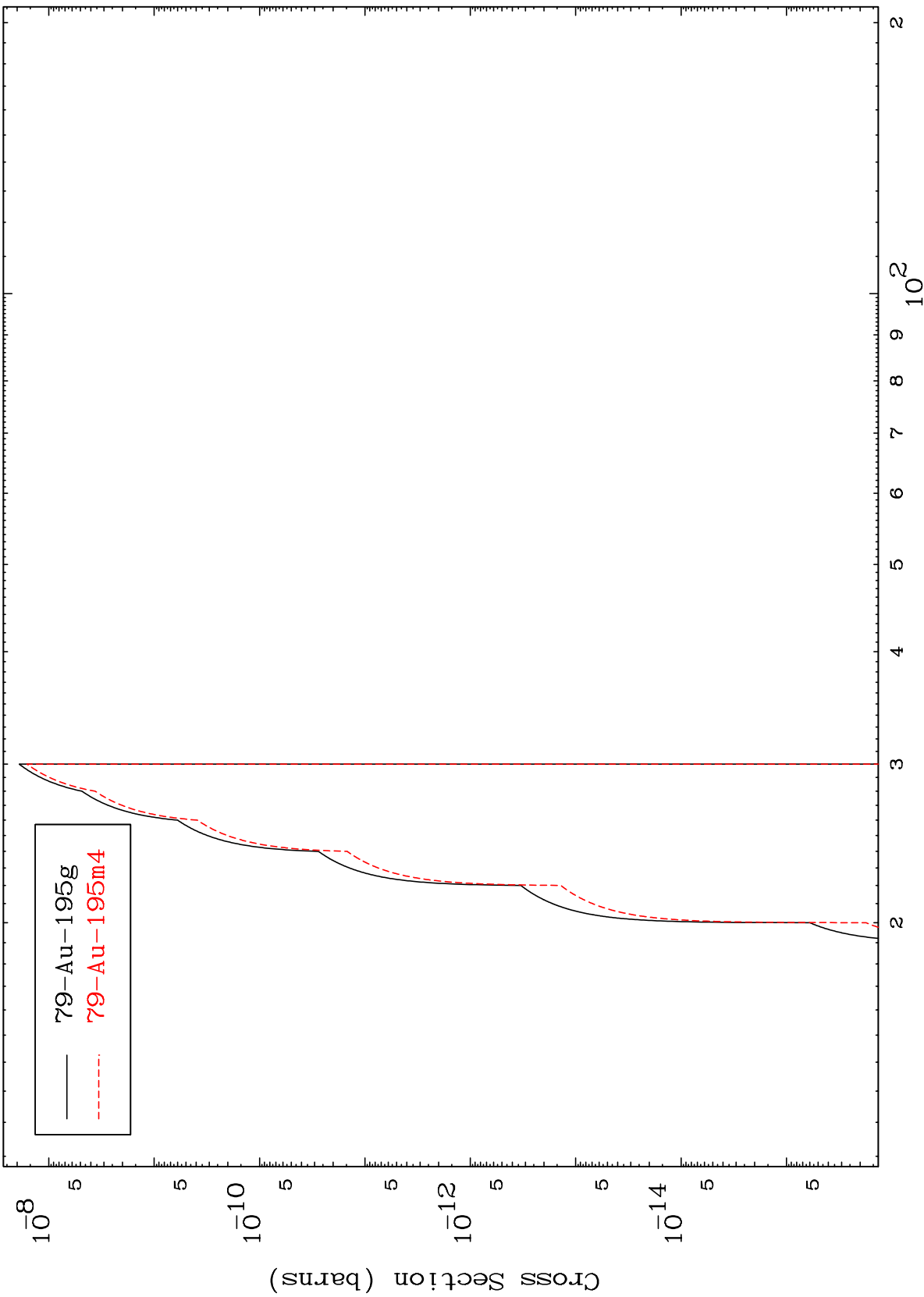


MAT 8028

(p,p) d

80-Hg-197

Radionuclide Production Cross Section

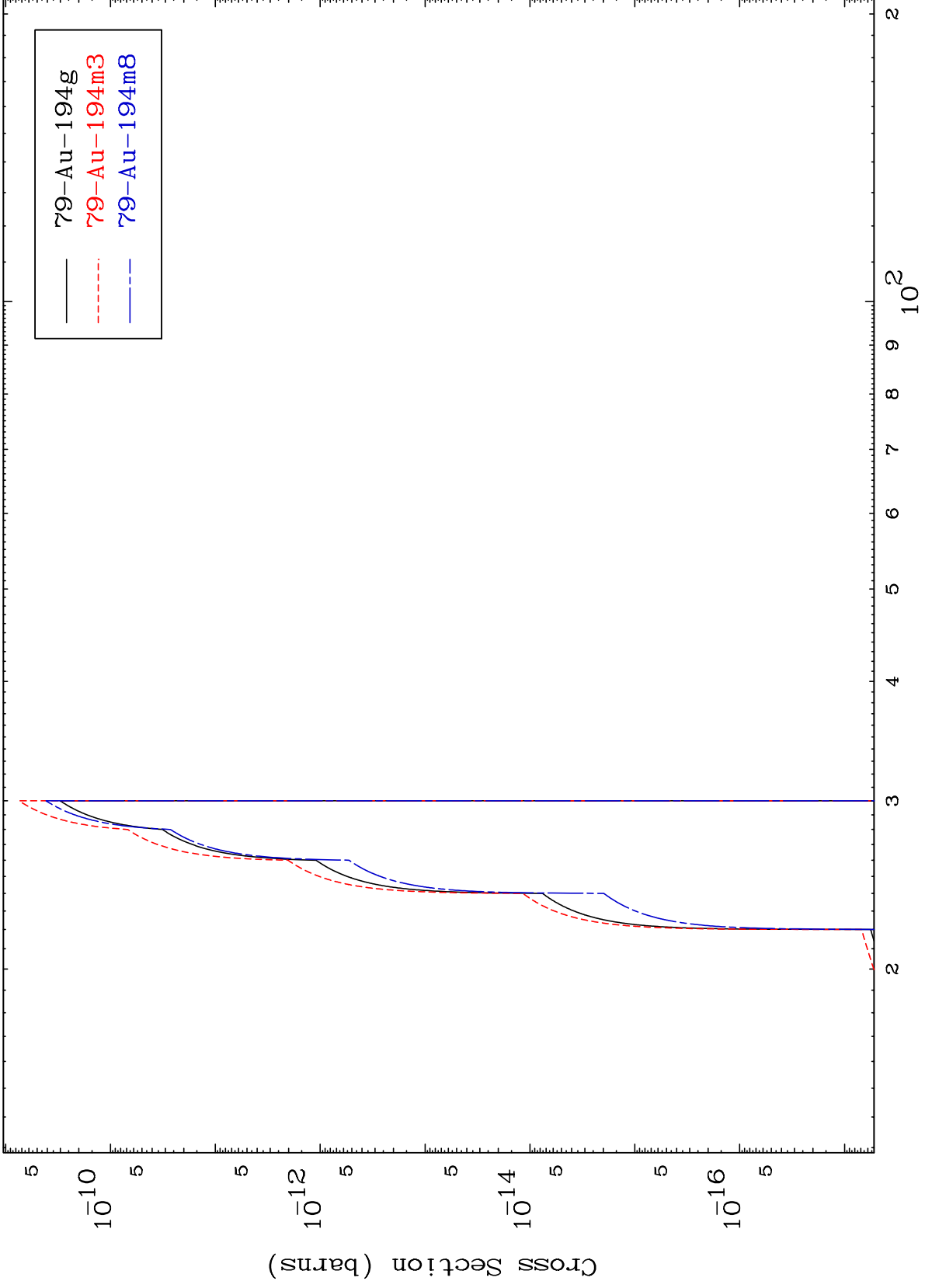


MAT 8028

(p,p) t

80-Hg-197

Radionuclide Production Cross Section



33

Incident Energy (MeV)

80-Hg-197