

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

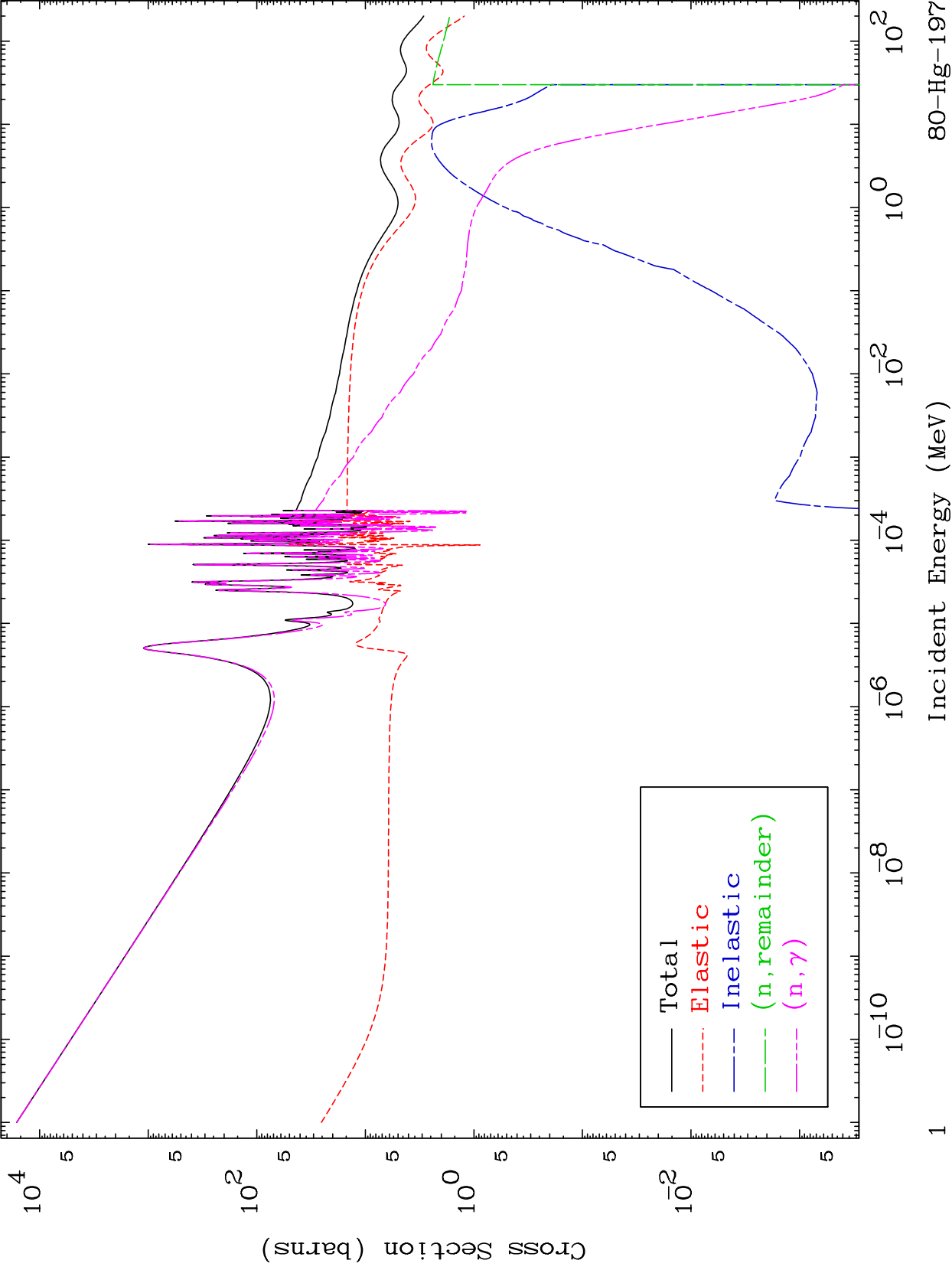
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8029

Major
293 Kelvin Cross Sections

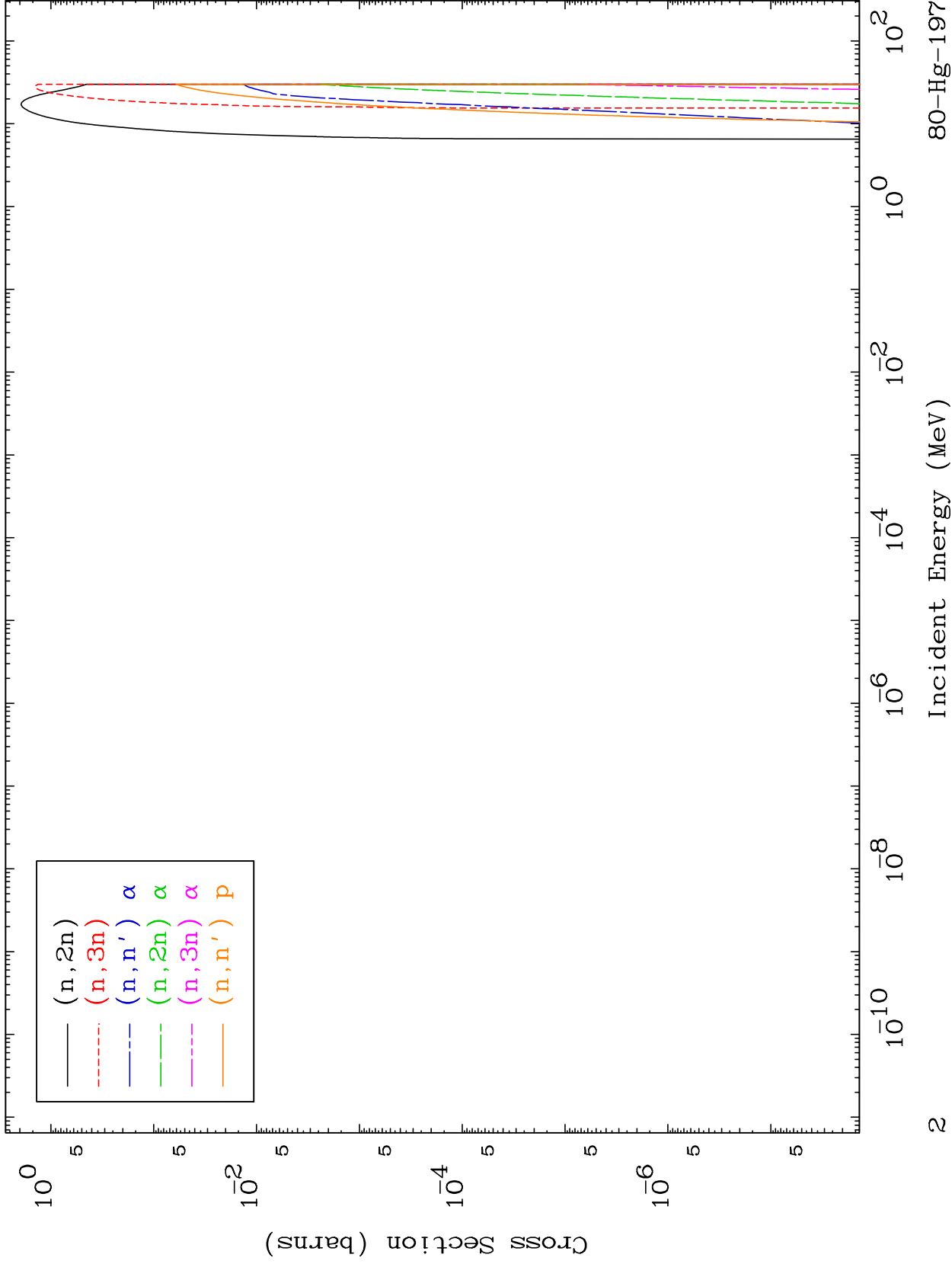
80-Hg-197

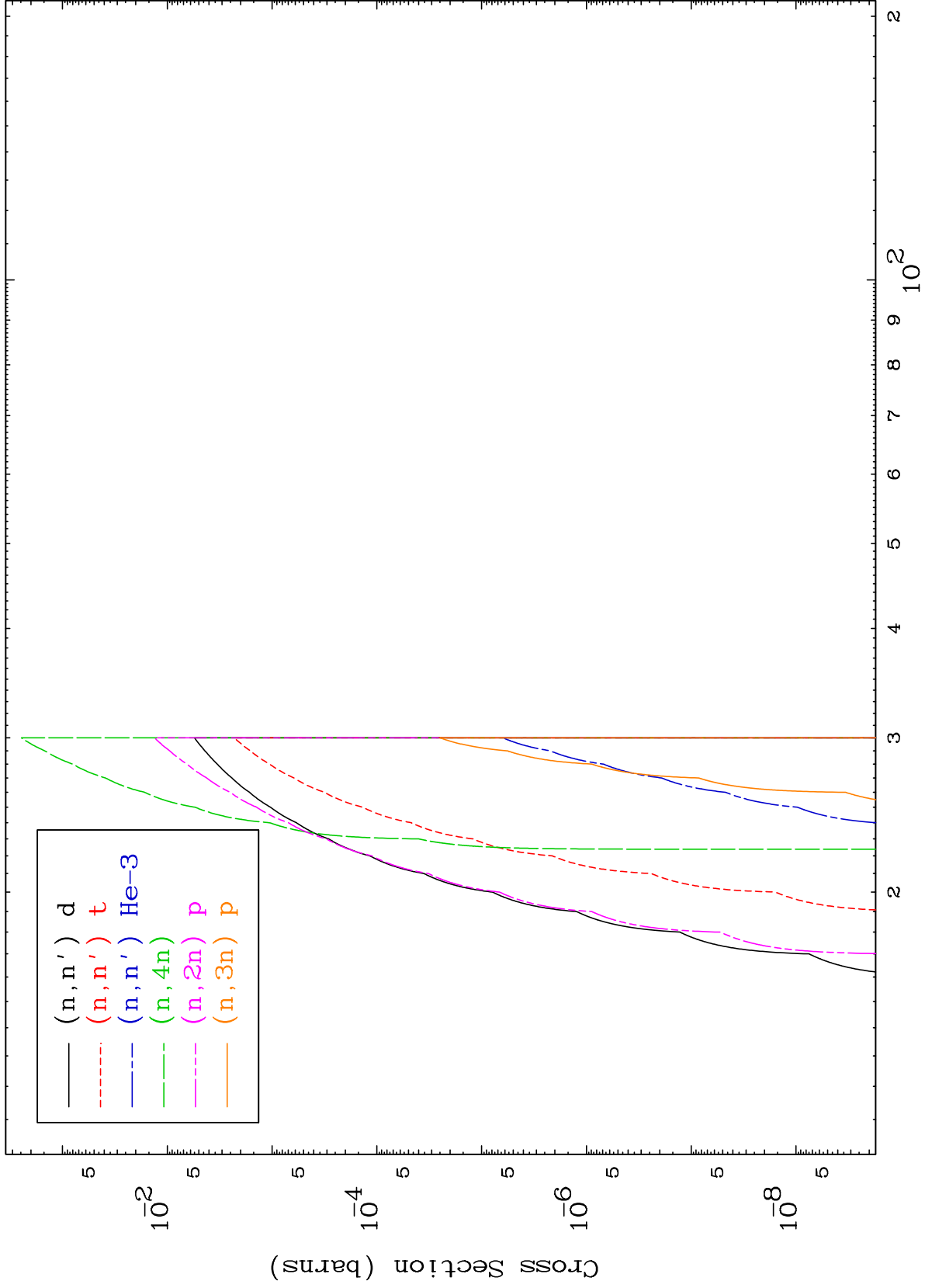


MAT 8029

Neutron Production
293 Kelvin Cross Sections

80-Hg-197

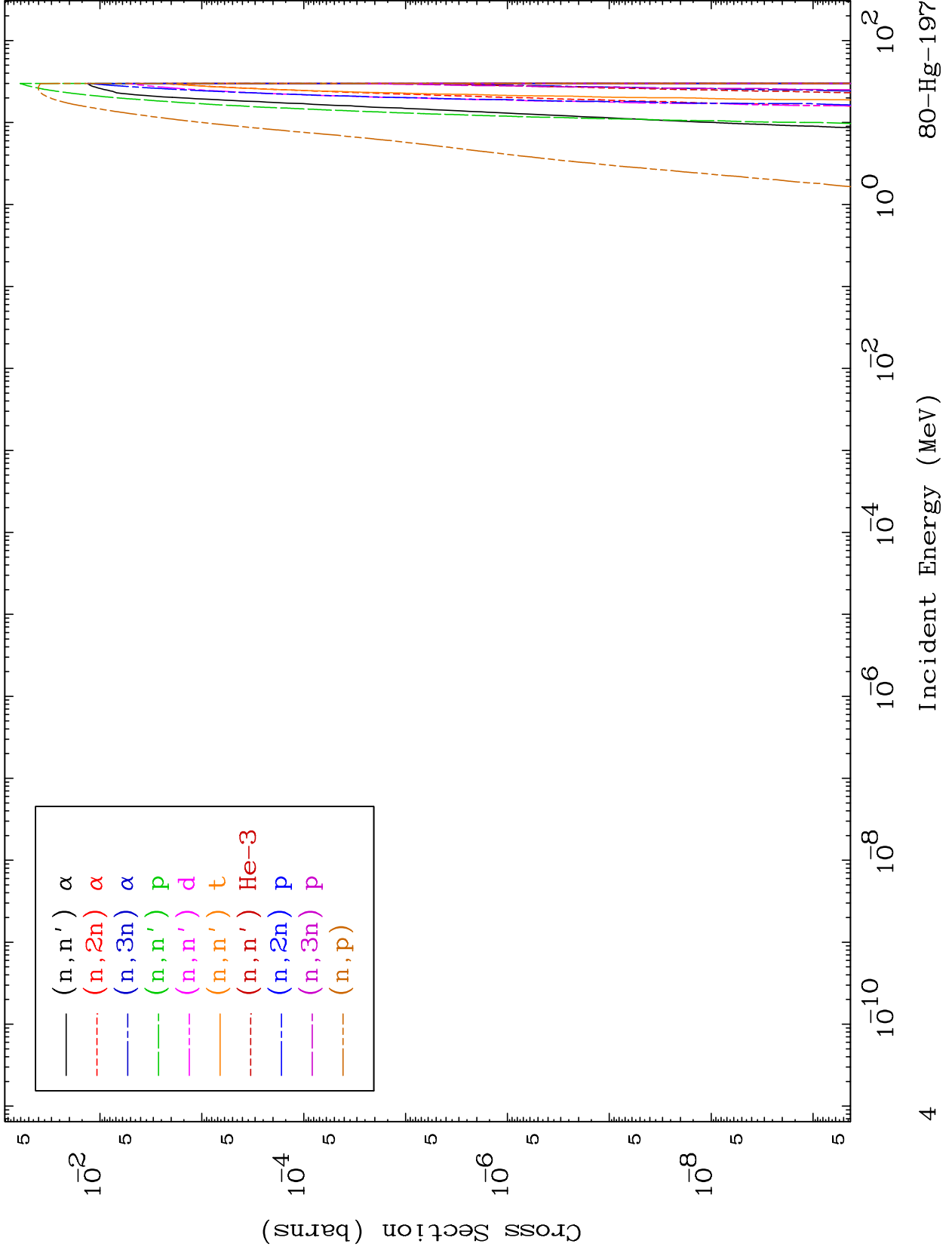




MAT 8029

Charged Particle
293 Kelvin Cross Sections

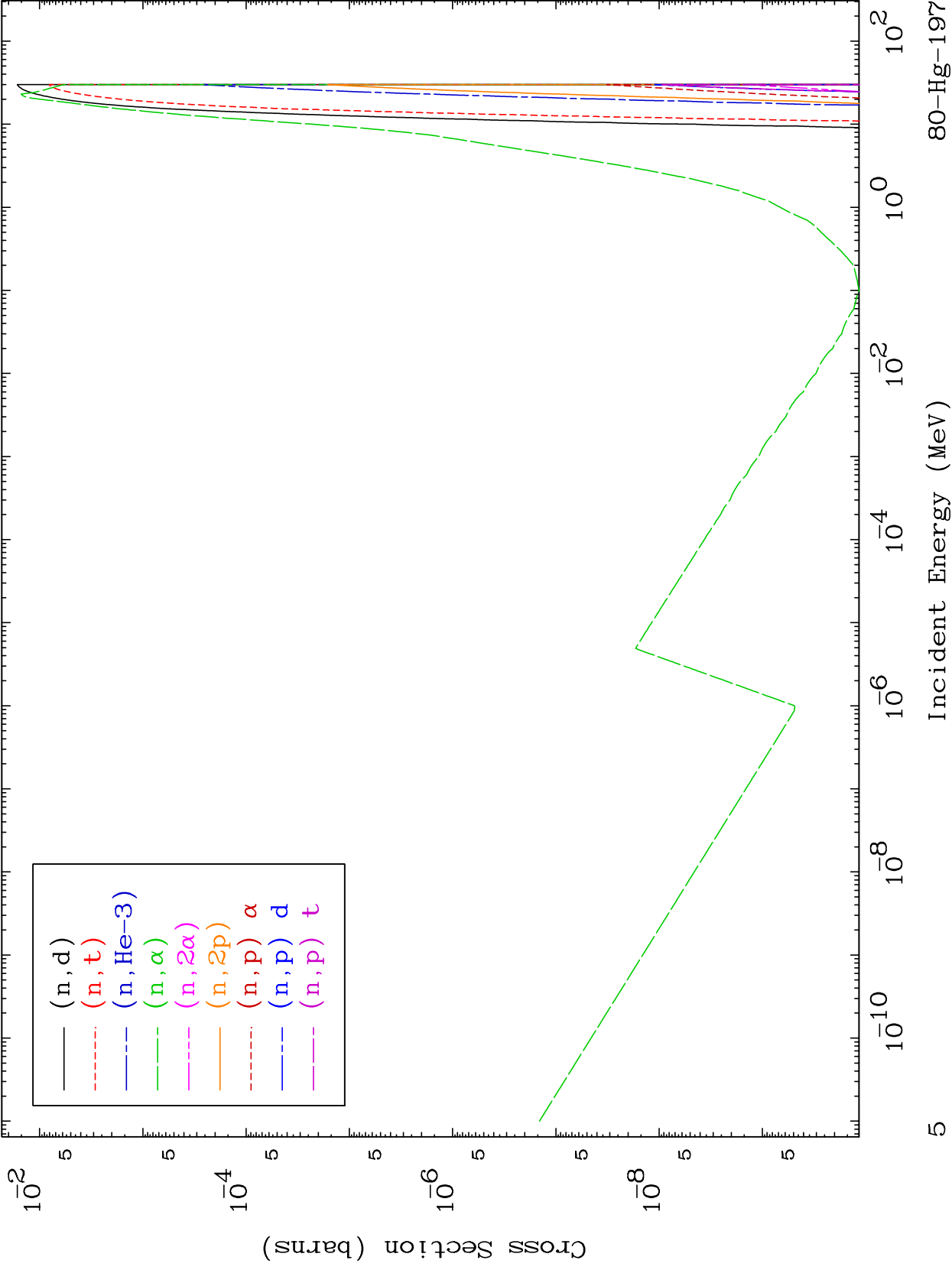
80-Hg-197



MAT 80299

Charged Particle
293 Kelvin Cross Sections

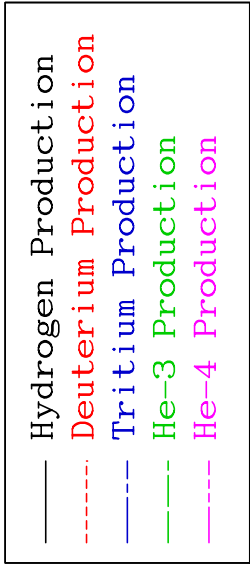
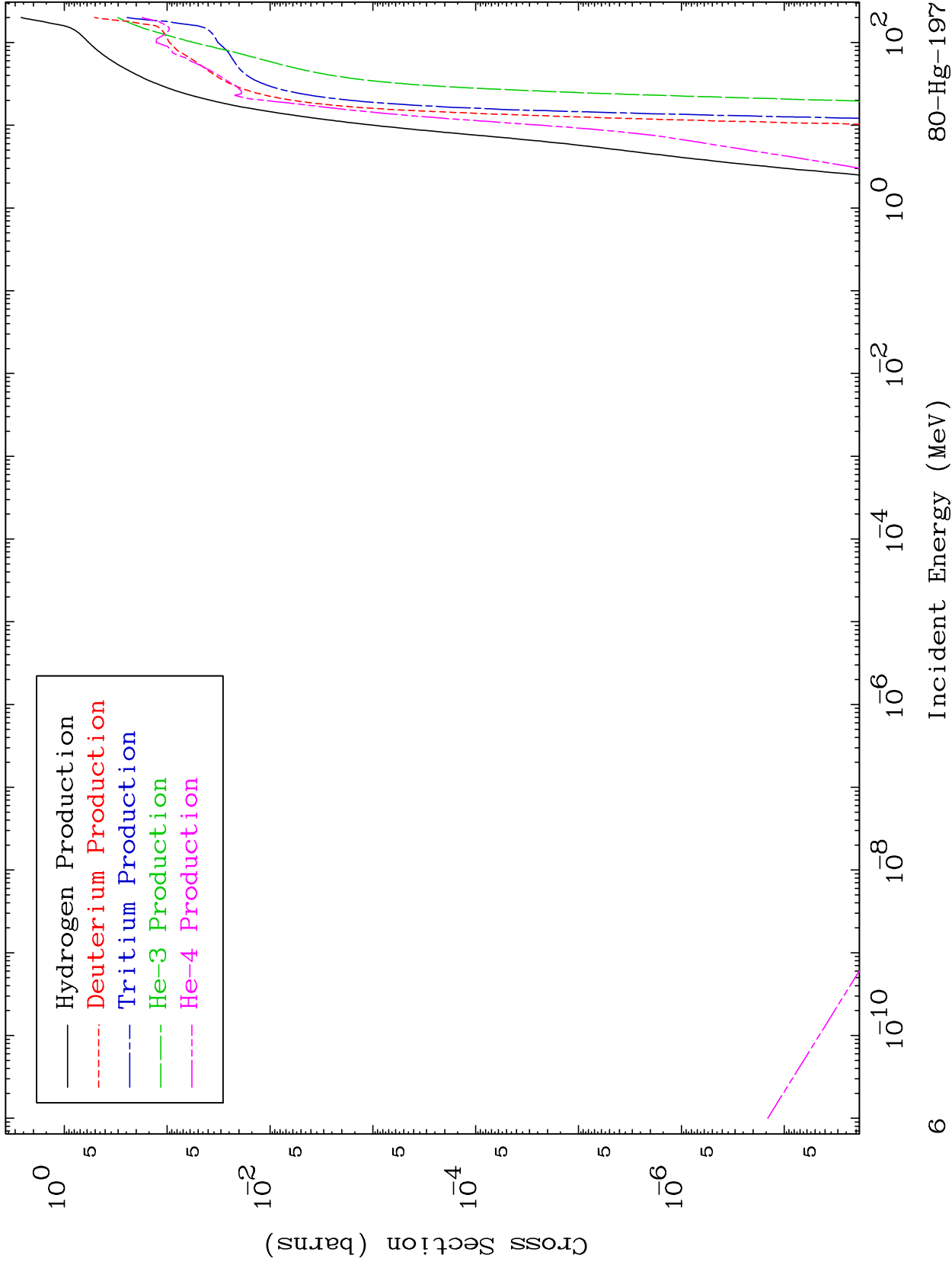
80-Hg-197



MAT 8029

Particle Production
293 Kelvin Cross Sections

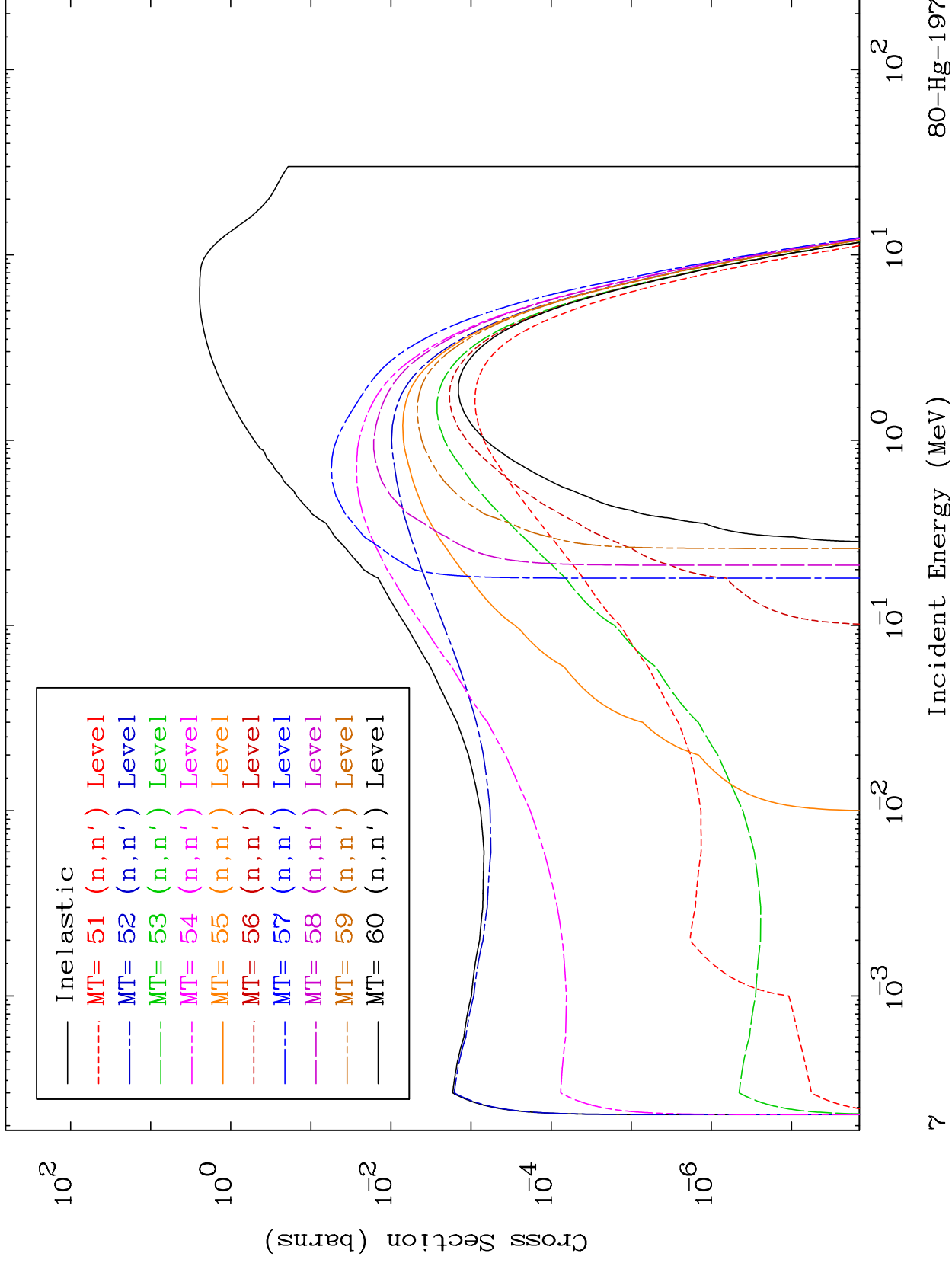
80-Hg-197



MAT 80299

(n,n') Level
293 Kelvin Cross Sections

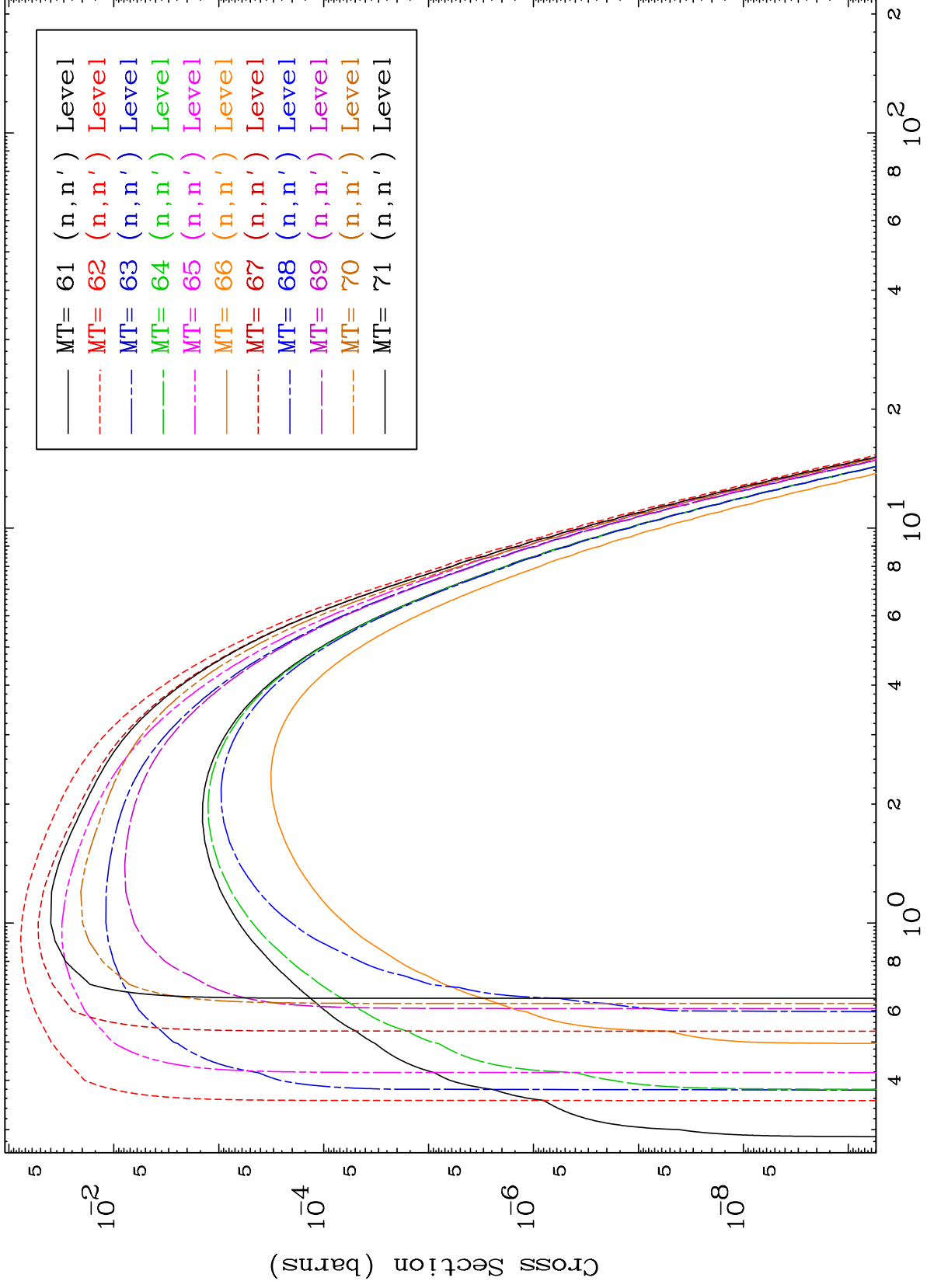
80-Hg-197



MAT 8029

(n, n') Level
293 Kelvin Cross Sections

80-Hg-197



8

Incident Energy (MeV)

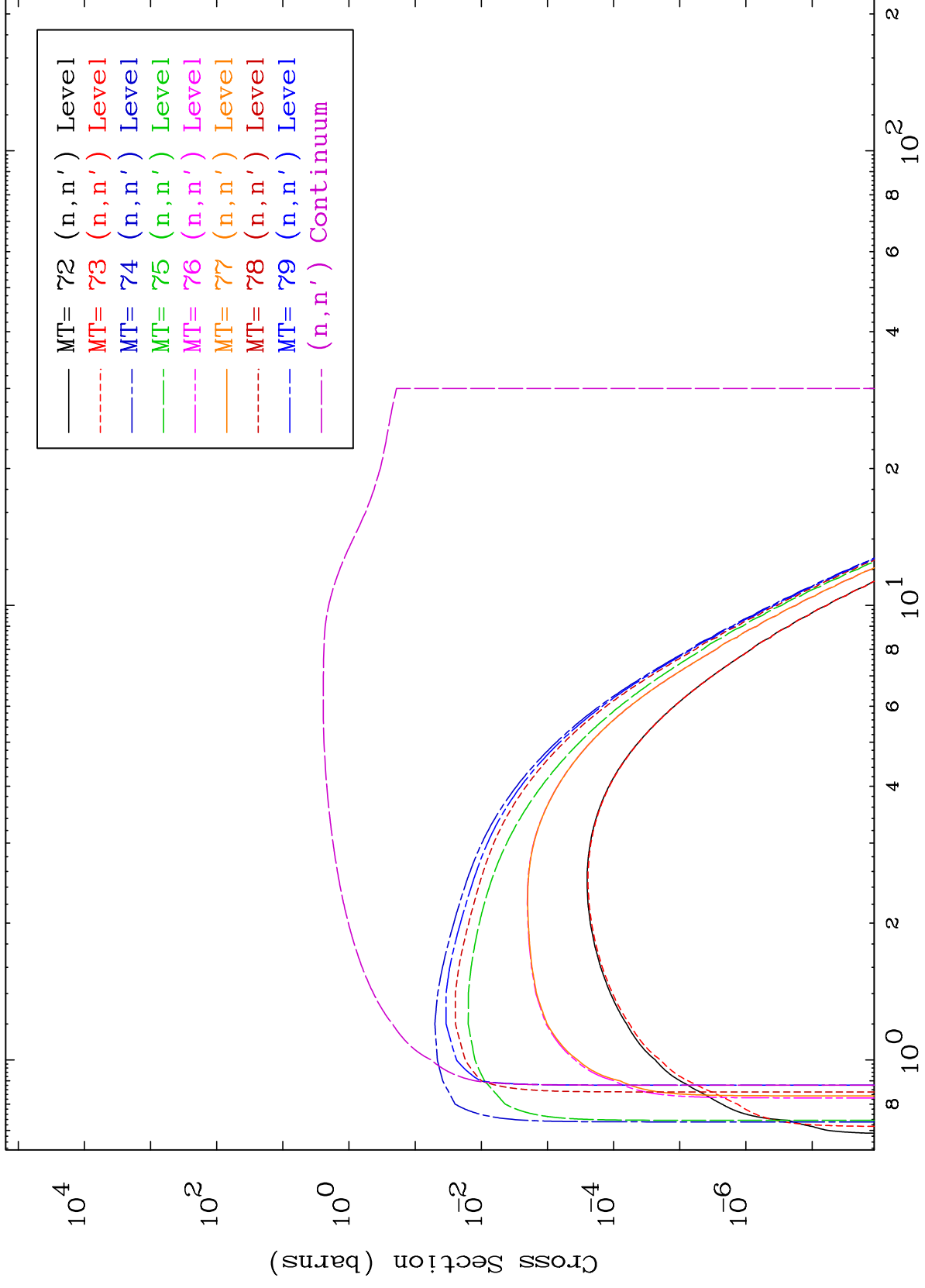
80-Hg-197

MAT 8029

(n,n') Level

80-Hg-197

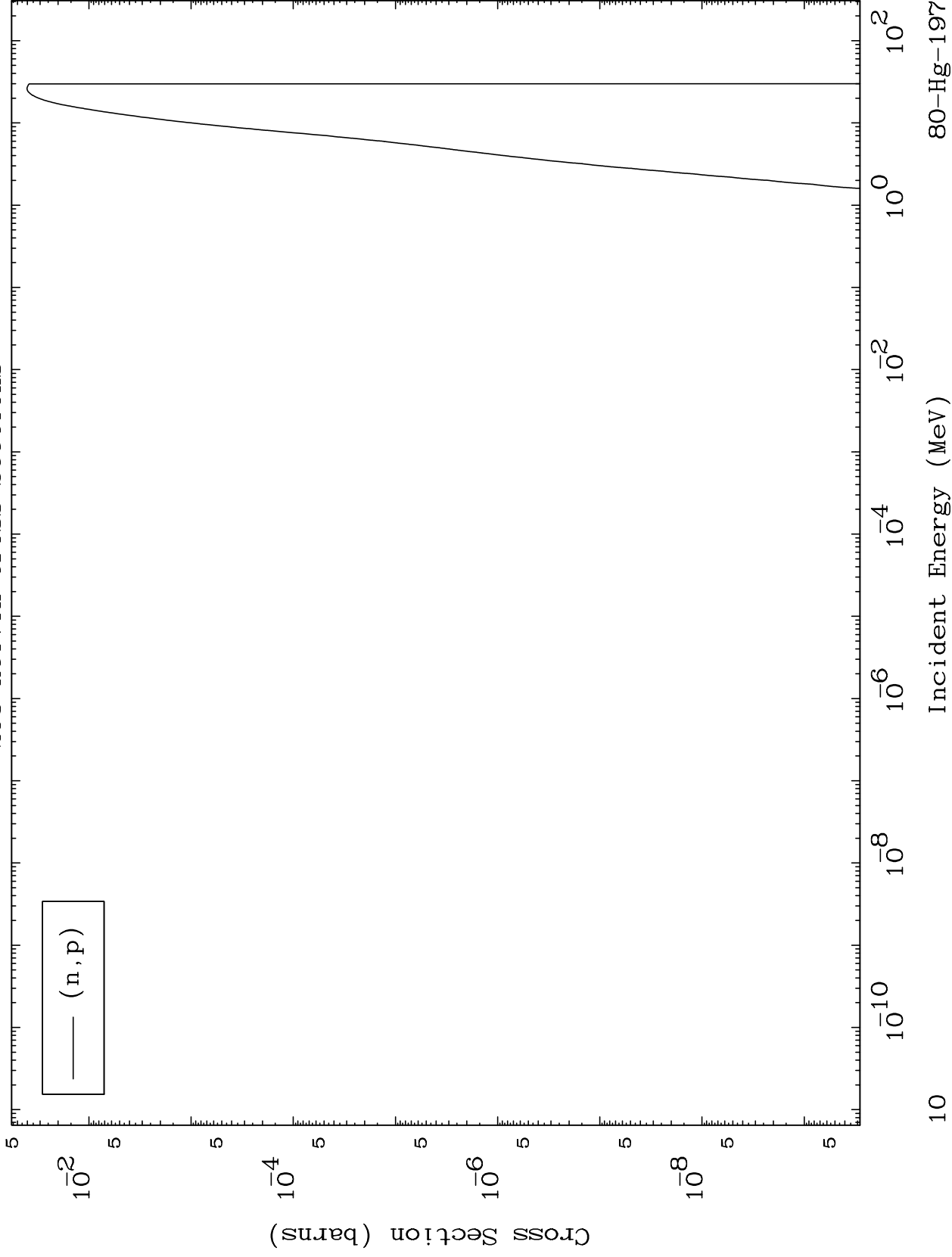
293 Kelvin Cross Sections



MAT 8029

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-197



10

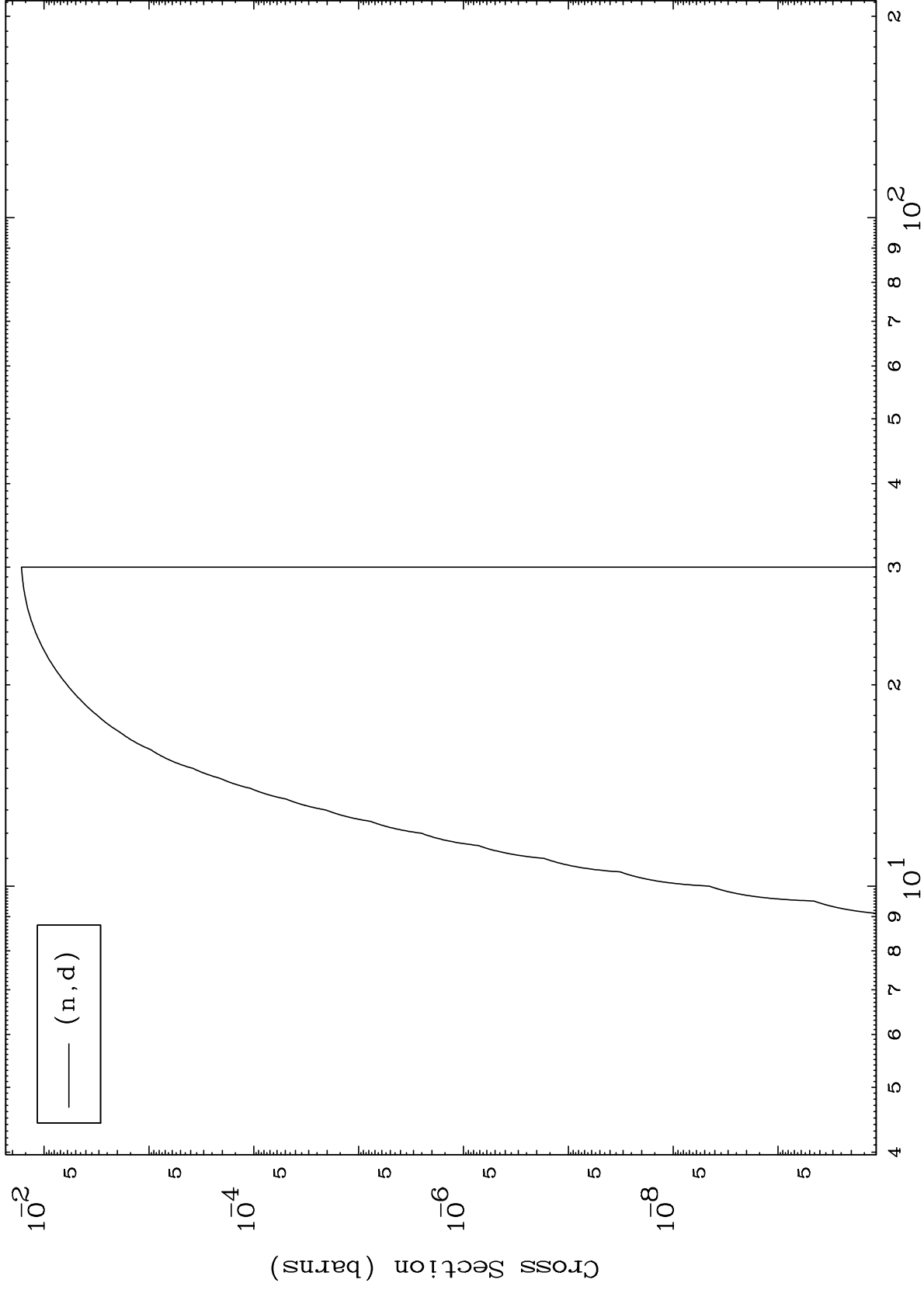
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,d) Levels
293 Kelvin Cross Sections

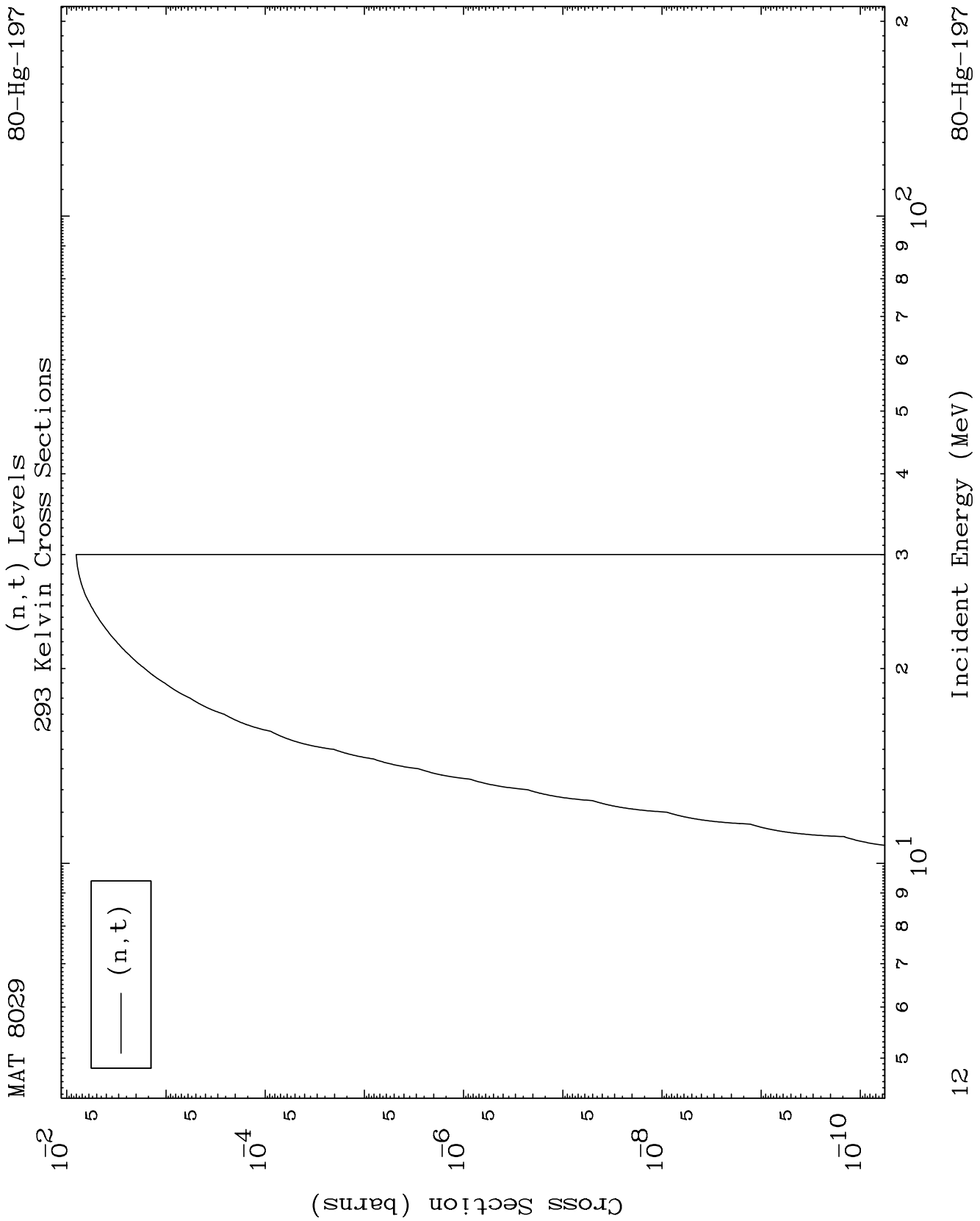
80-Hg-197



11

Incident Energy (MeV)

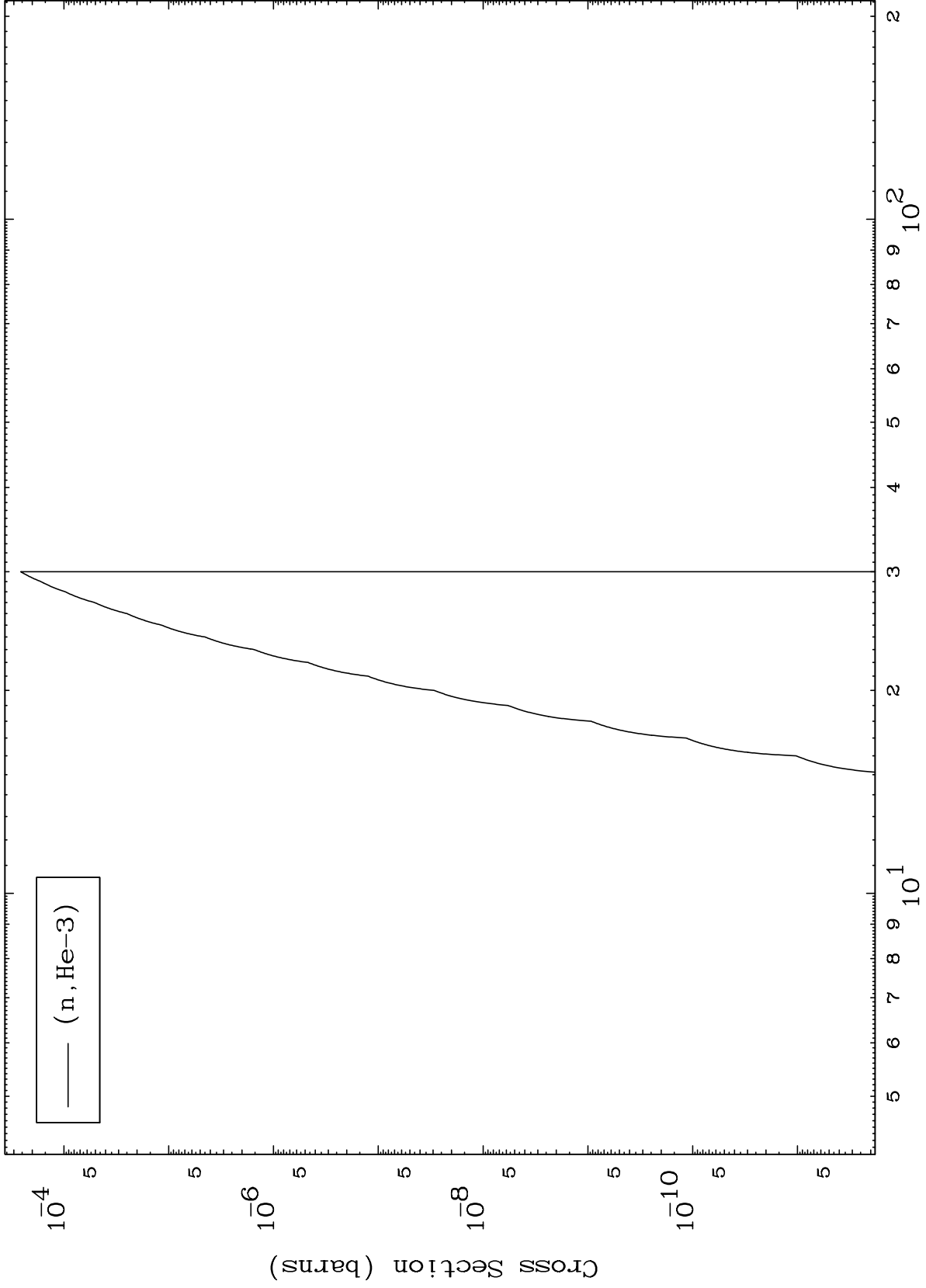
80-Hg-197



MAT 8029

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-197



13

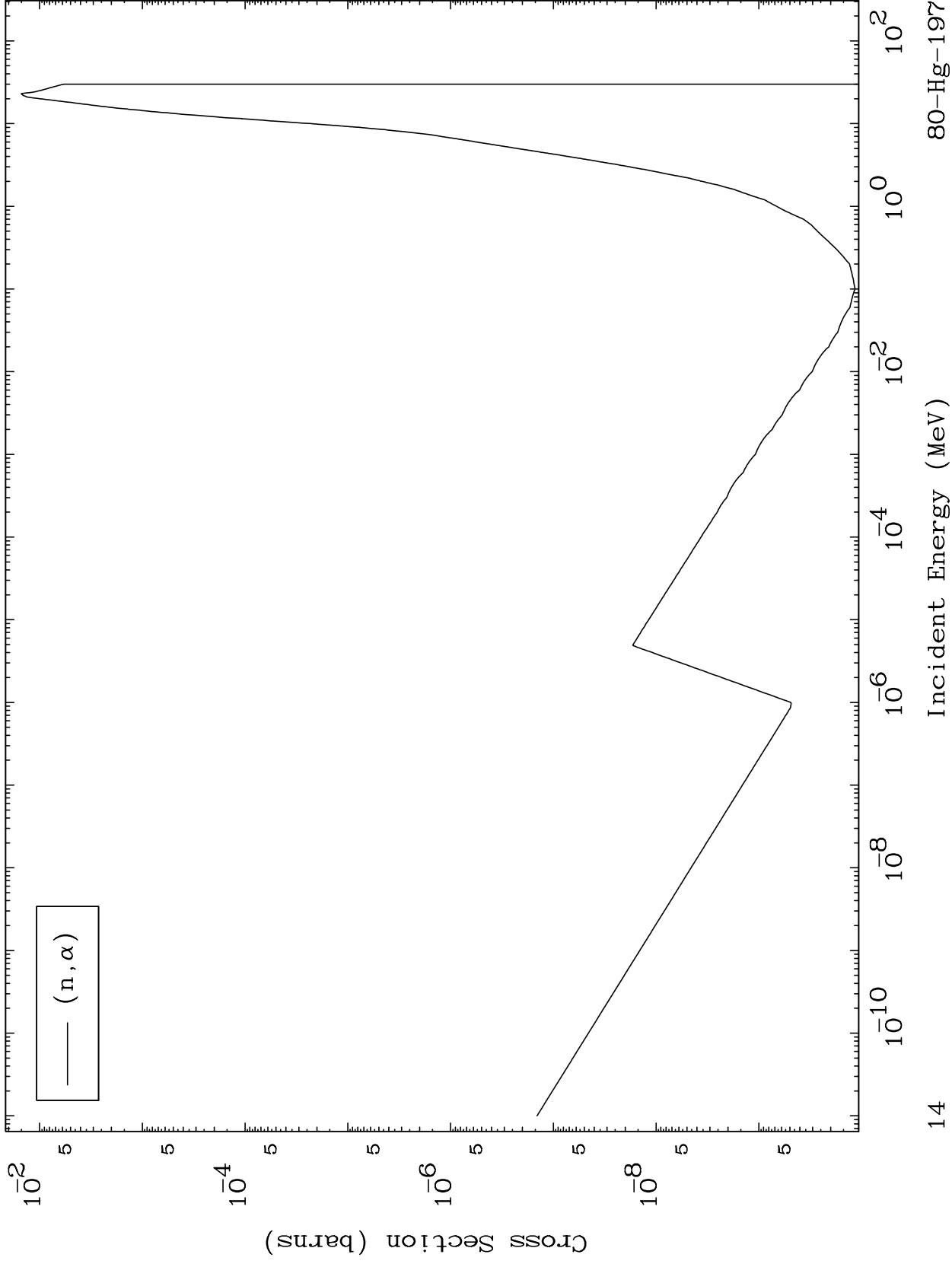
Incident Energy (MeV)

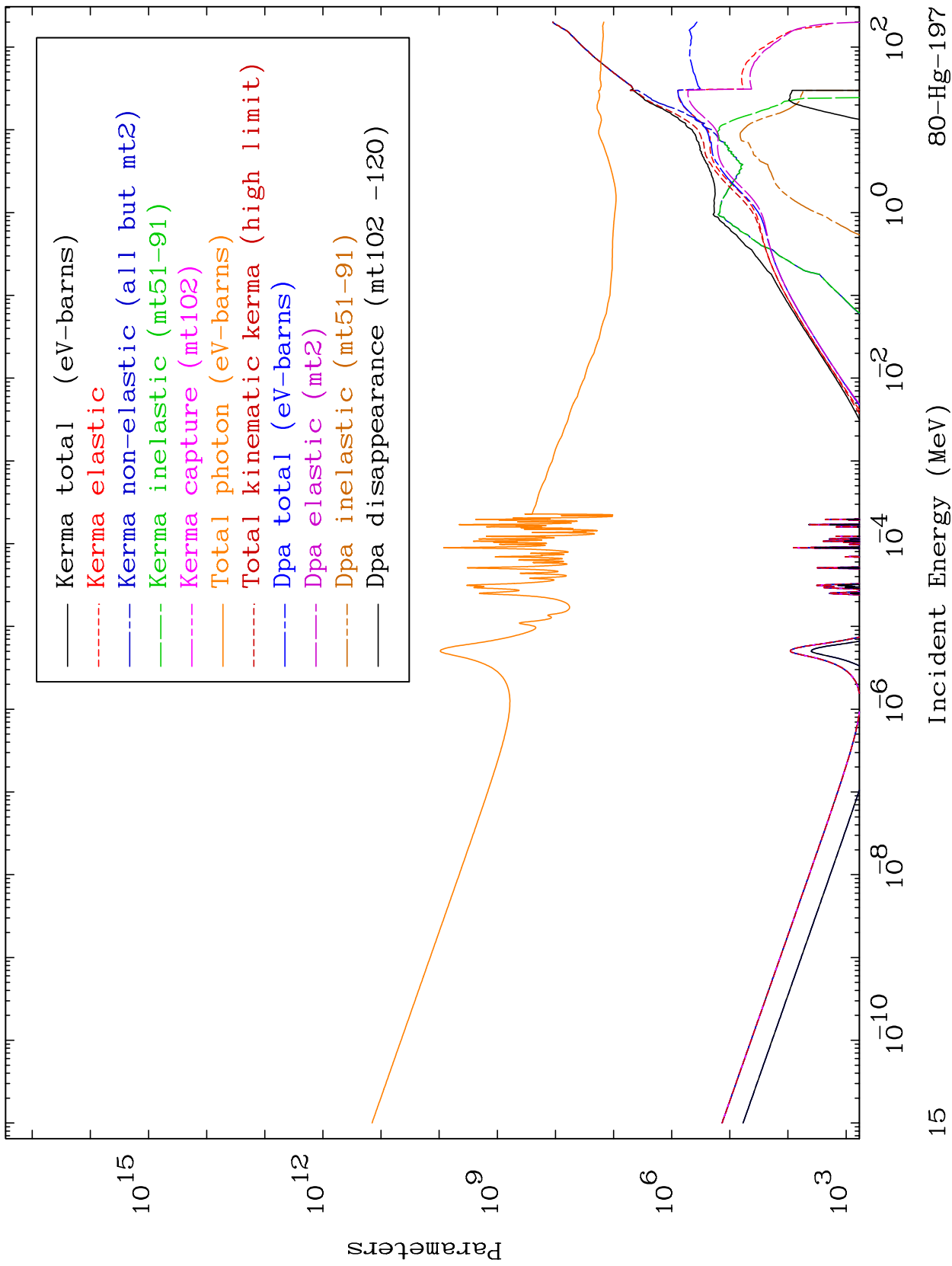
80-Hg-197

MAT 8029

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-197

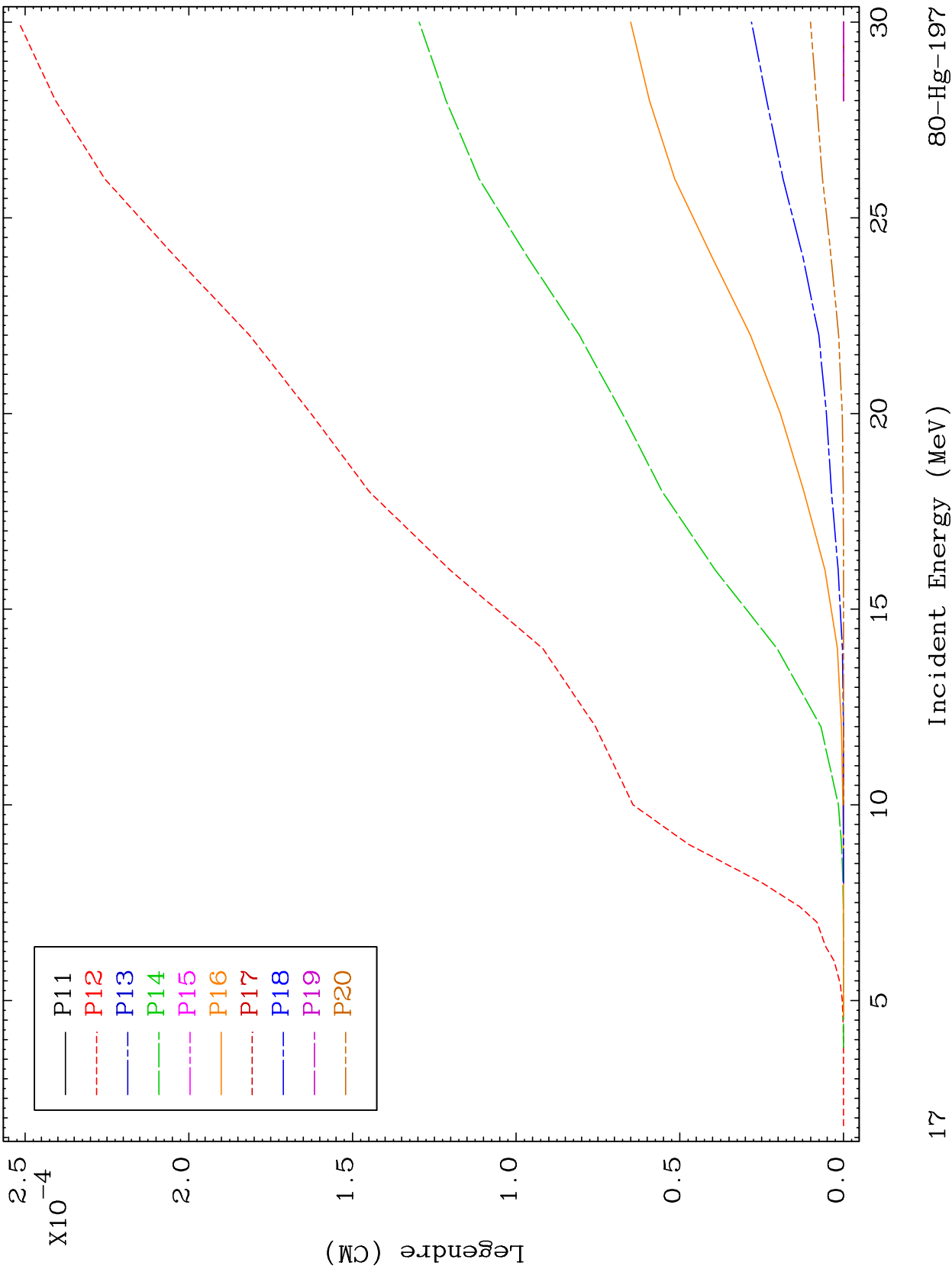




MAT 8029

Elastic Legendre Coefficients

80-Hg-197

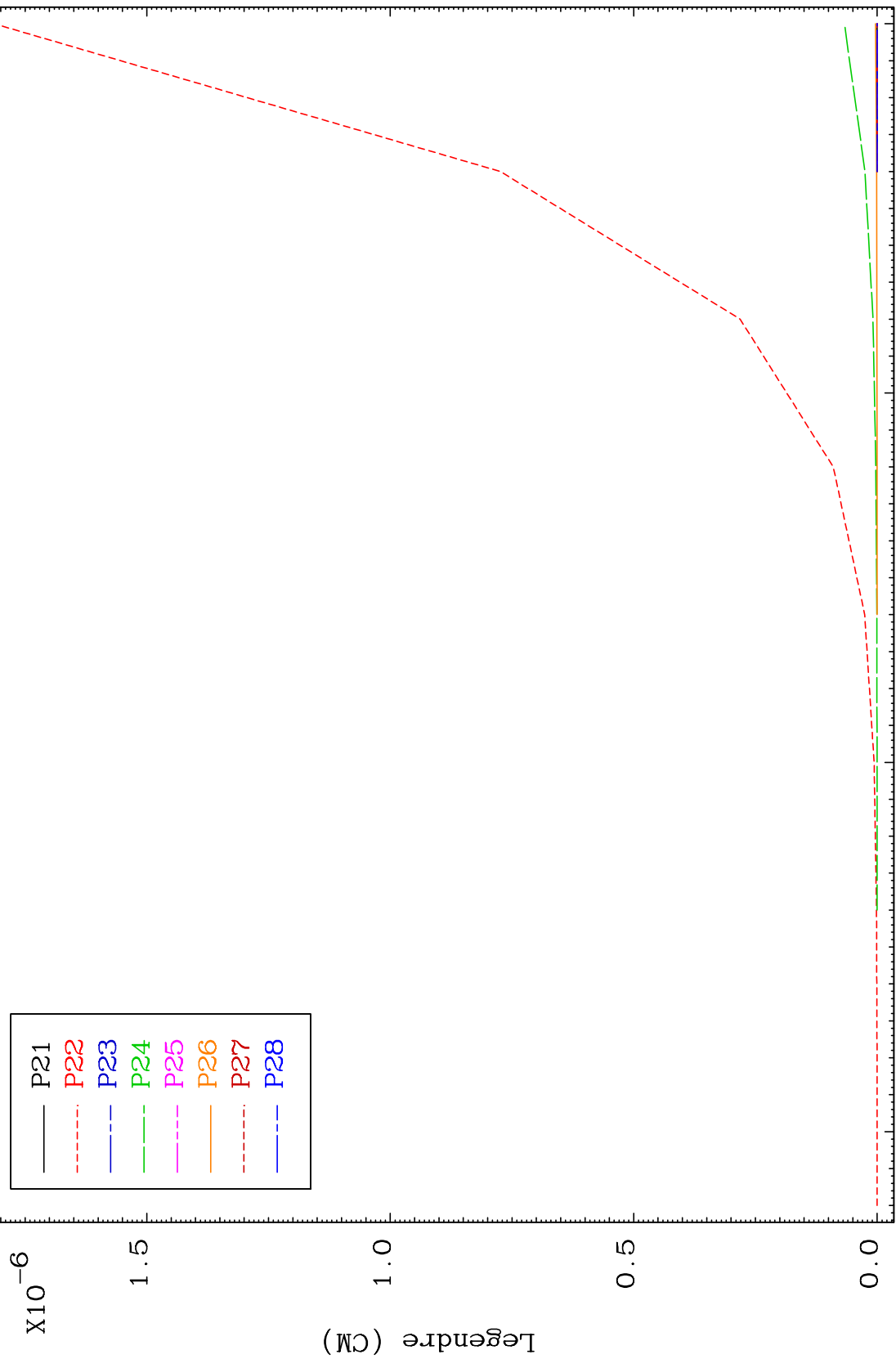
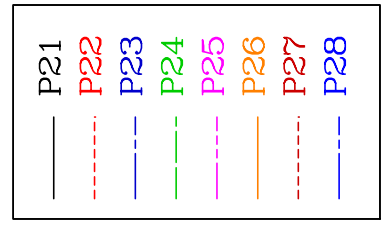


17

MAT 8029

Elastic Legendre Coefficients

80-Hg-197



18

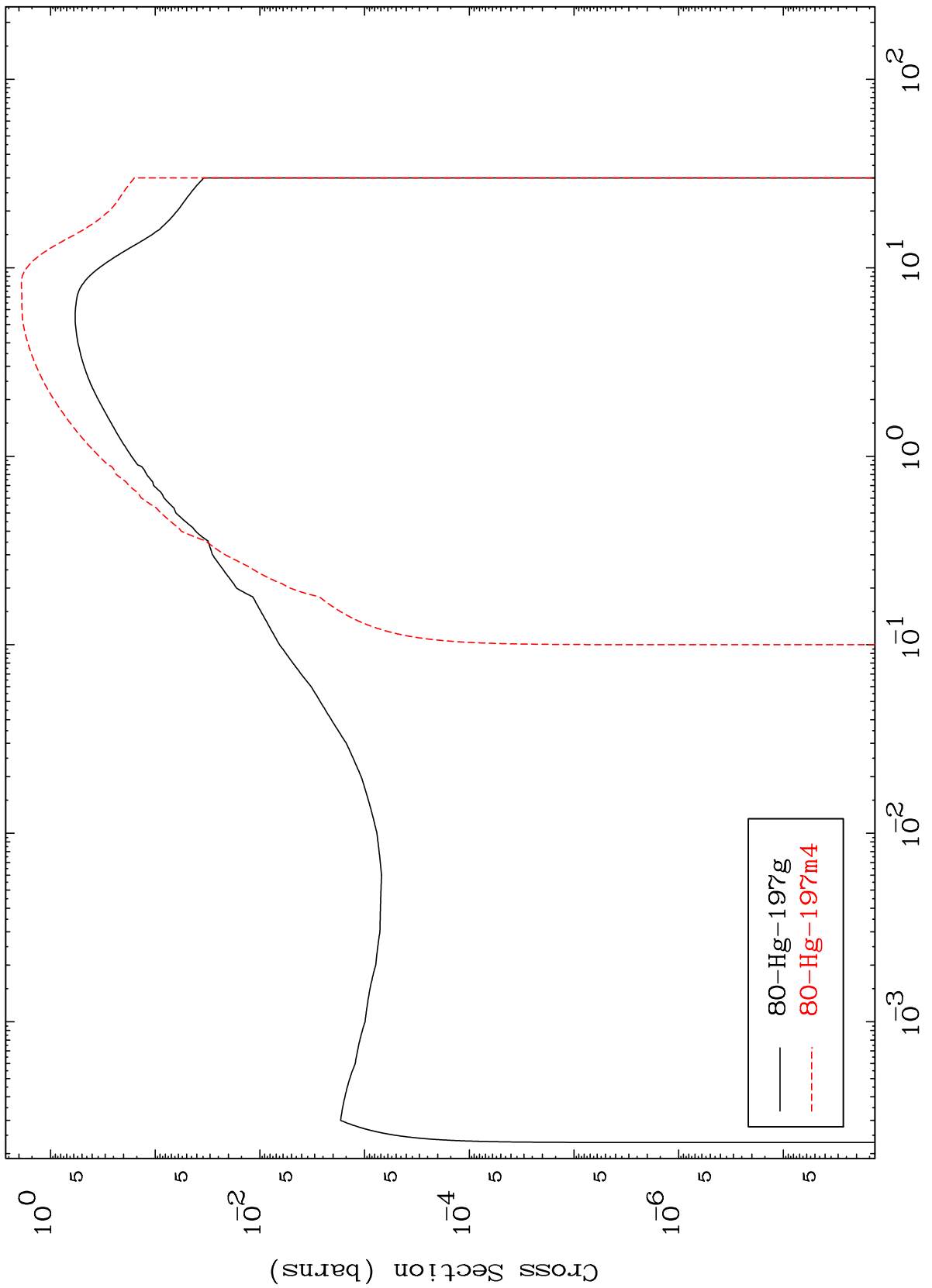
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

Inelastic
Radionuclide Production Cross Section



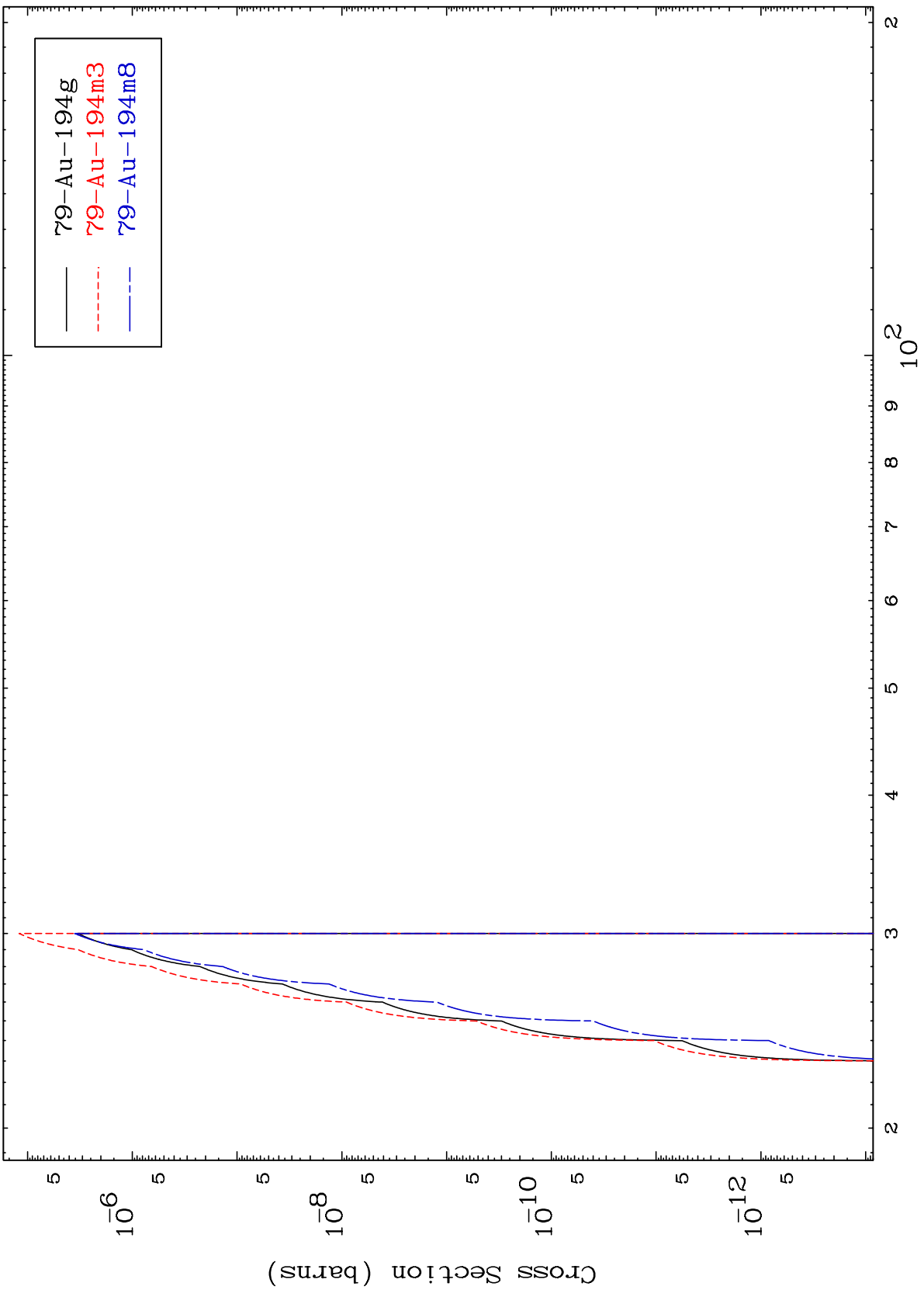
— 80-Hg-197g
- - - 80-Hg-197m4

MAT 8029

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

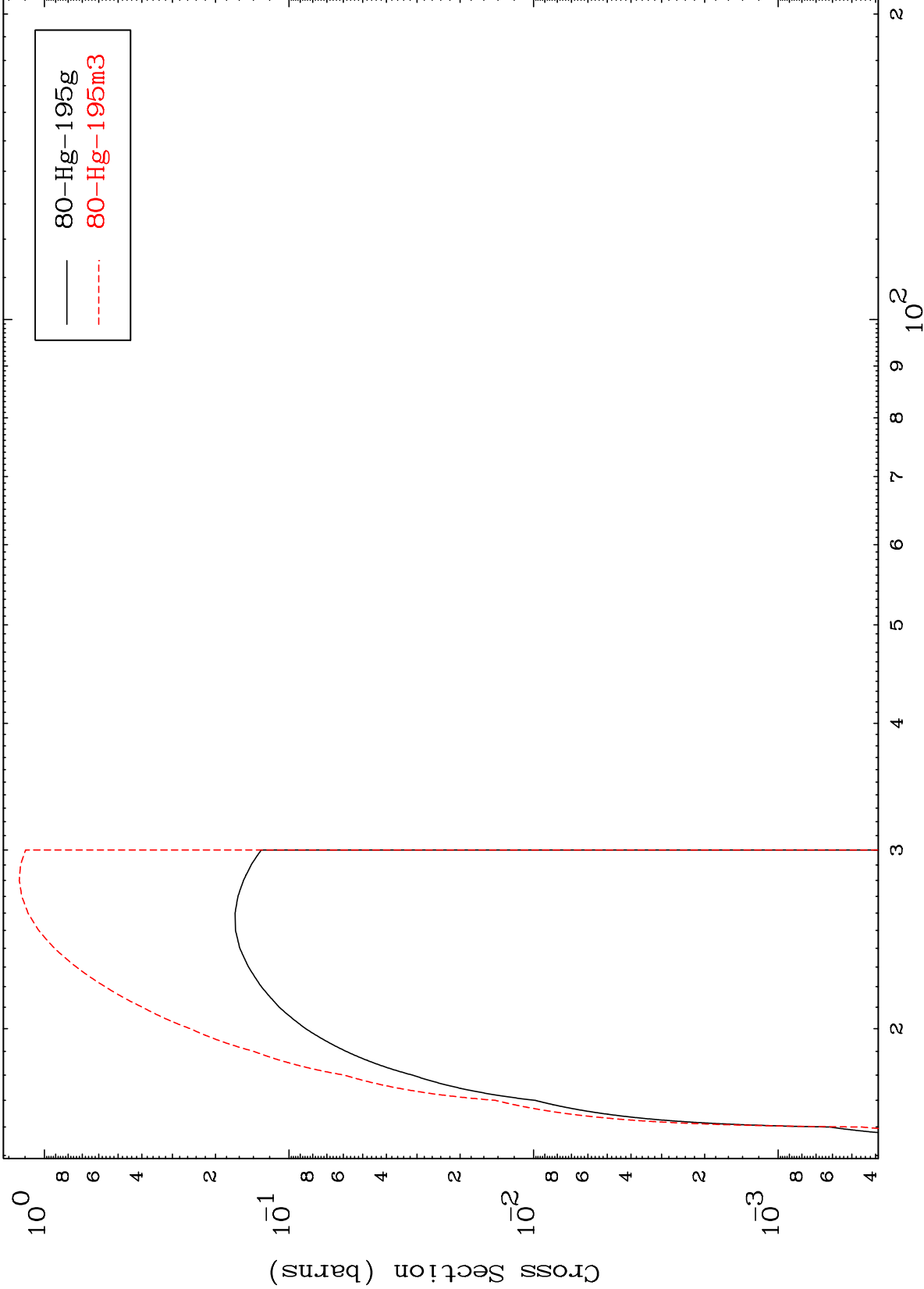
80-Hg-197

MAT 8029

(n,3n)

80-Hg-197

Radionuclide Production Cross Section

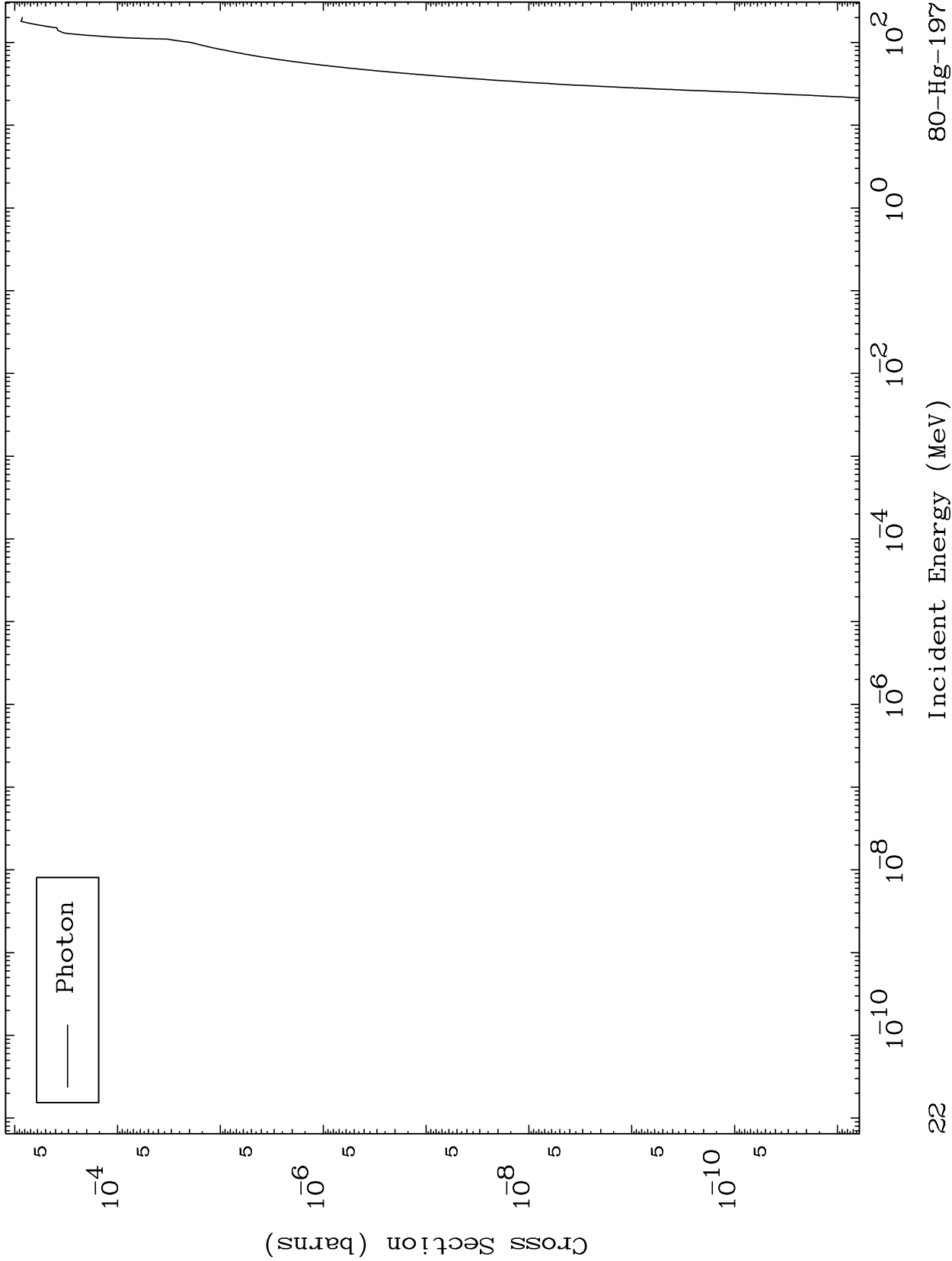


MAT 8029

Fission

80-Hg-197

Radionuclide Production Cross Section

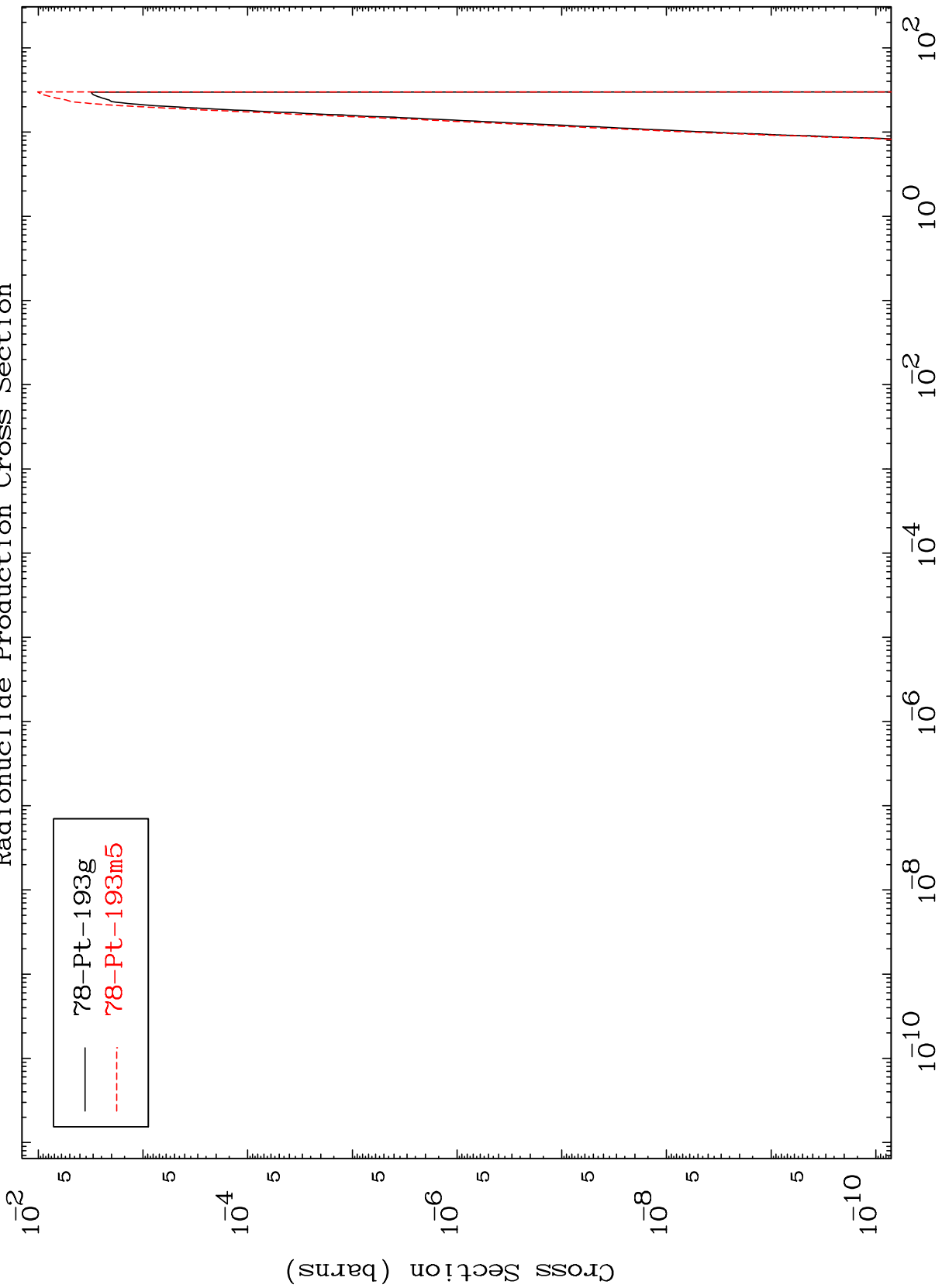


MAT 8029

$(n, n') \alpha$

80-Hg-197

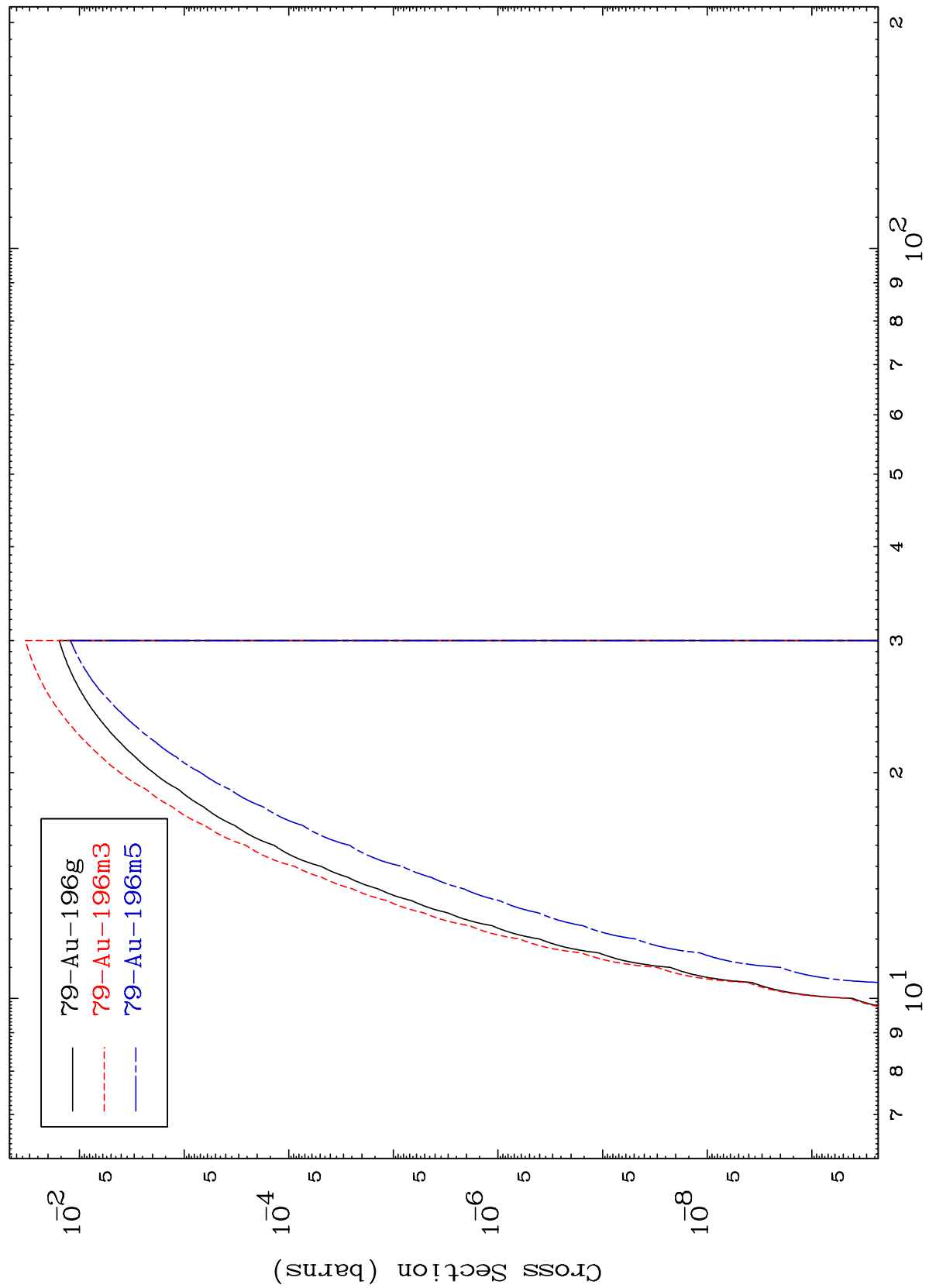
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

(n,n') p
Radionuclide Production Cross Section



24

Incident Energy (MeV)

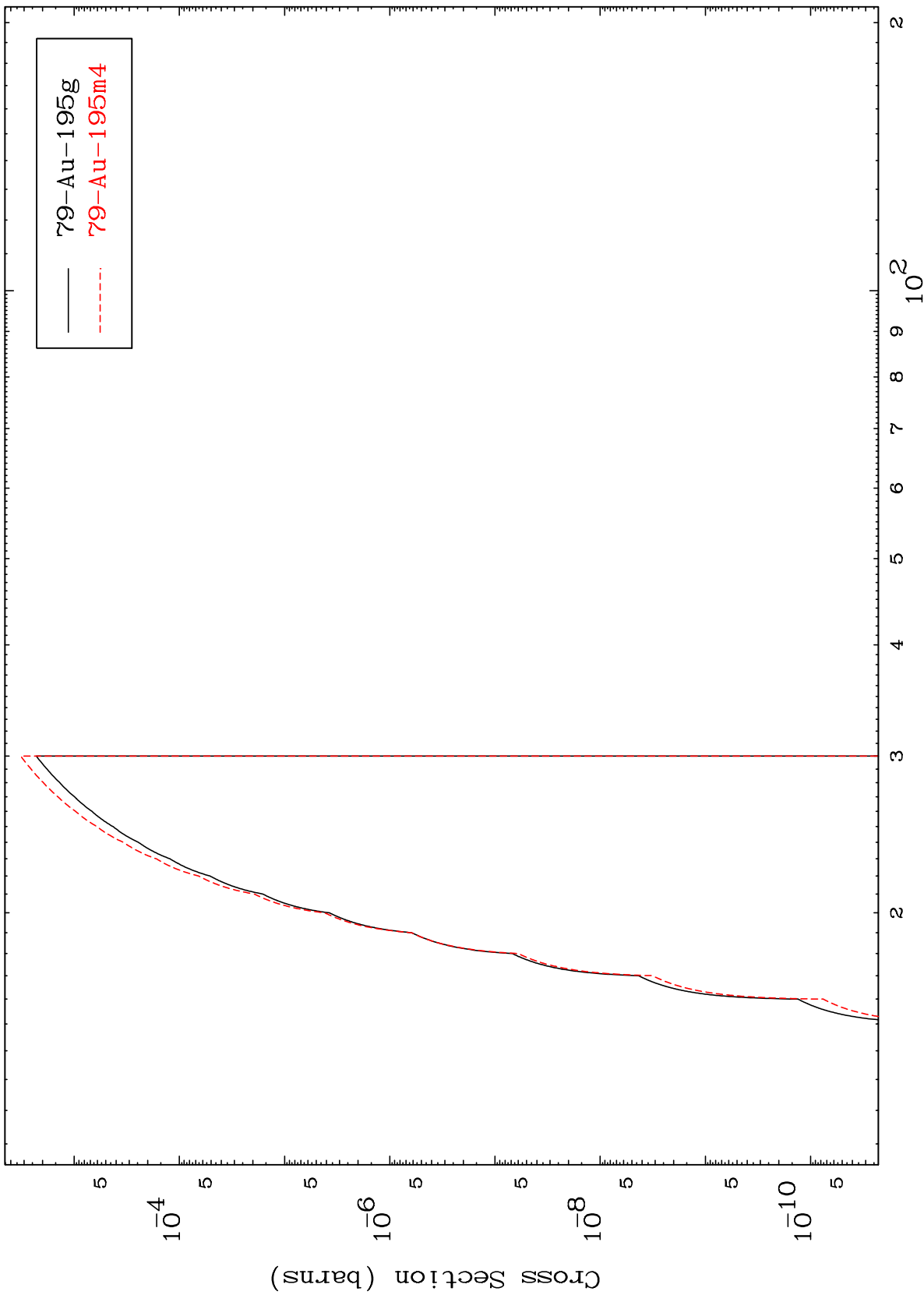
80-Hg-197

MAT 8029

(n,n') d

80-Hg-197

Radionuclide Production Cross Section

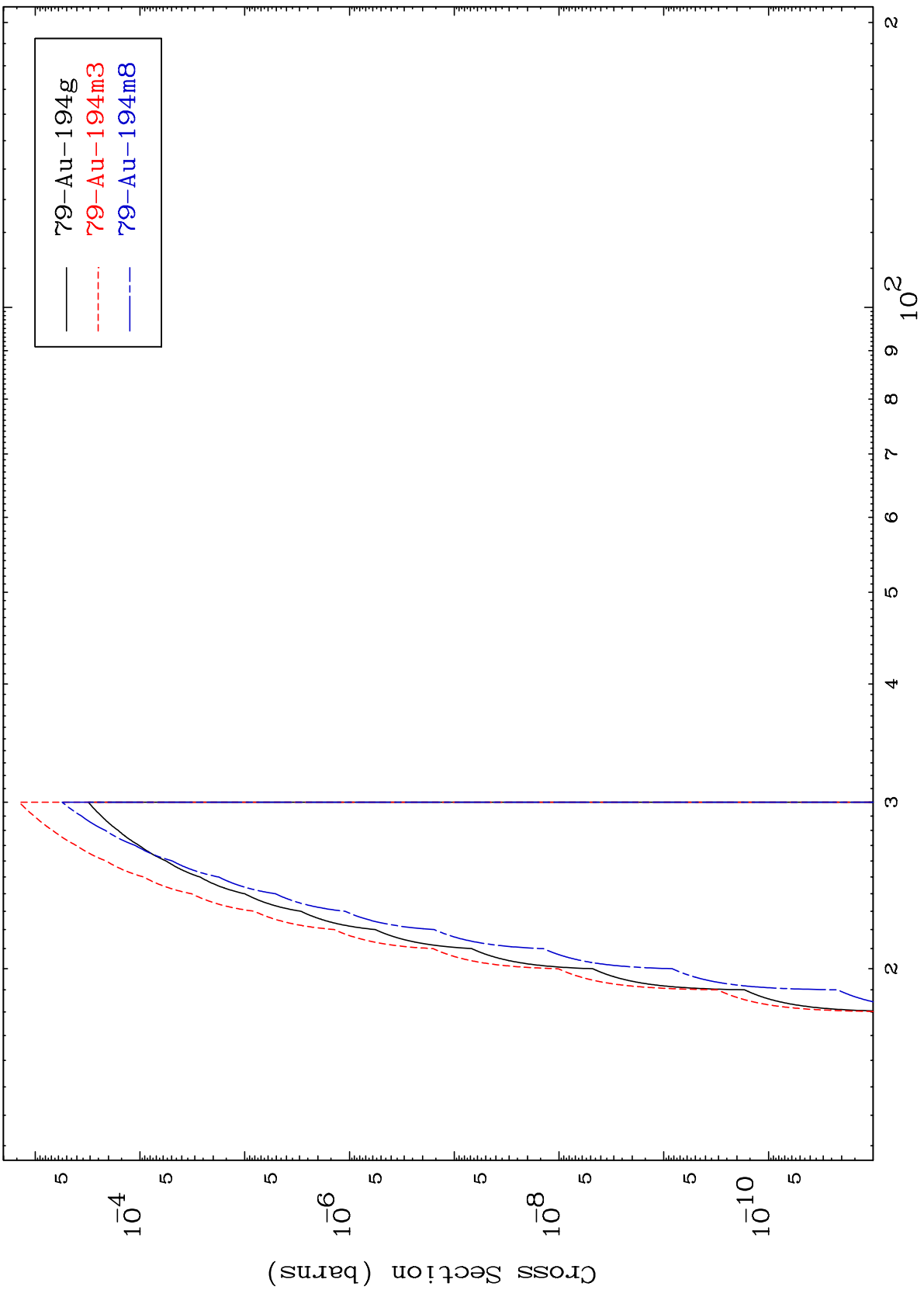


25

Incident Energy (MeV)

80-Hg-197

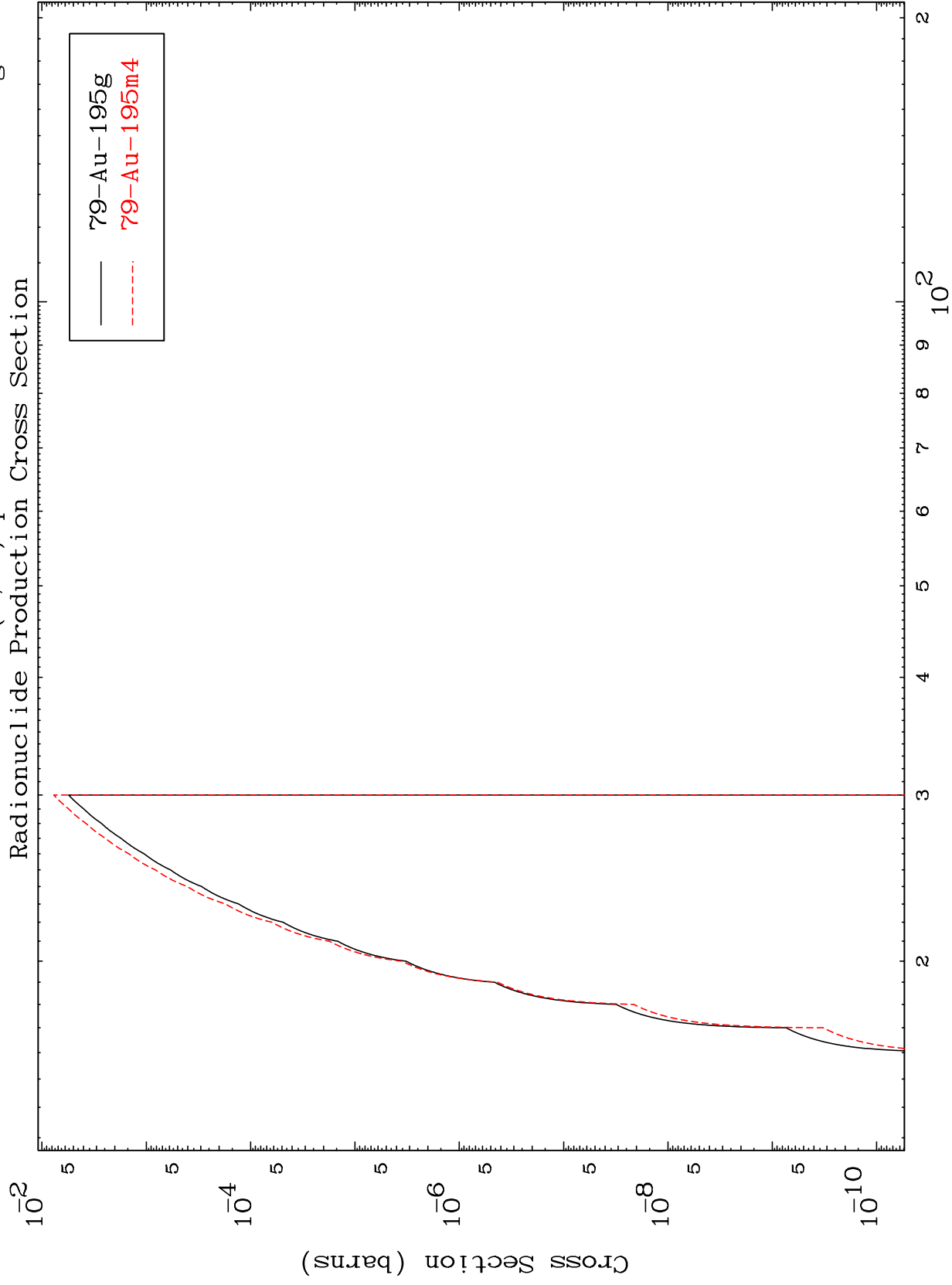
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section

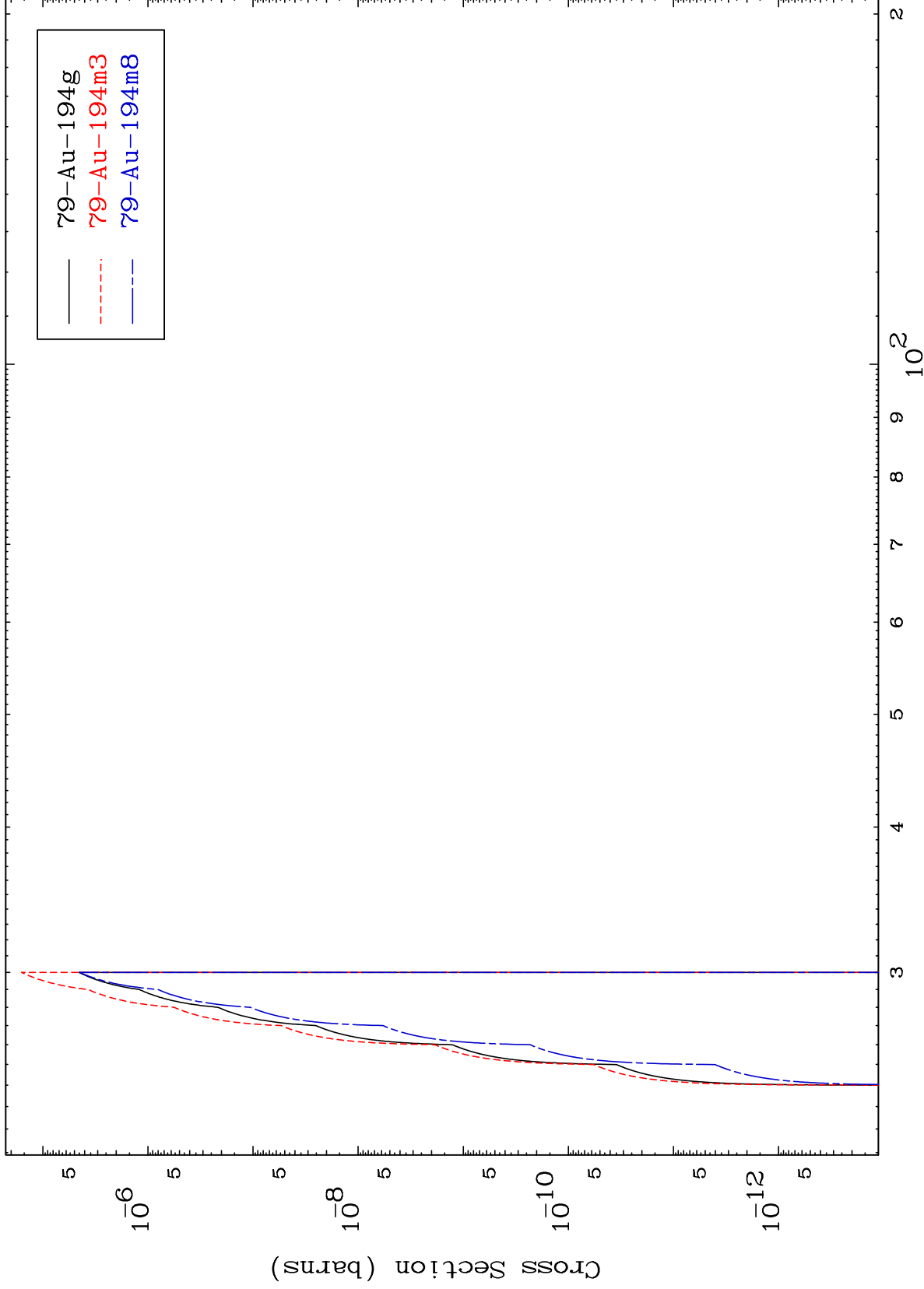


27

Incident Energy (MeV)

80-Hg-197

Radionuclide Production Cross Section

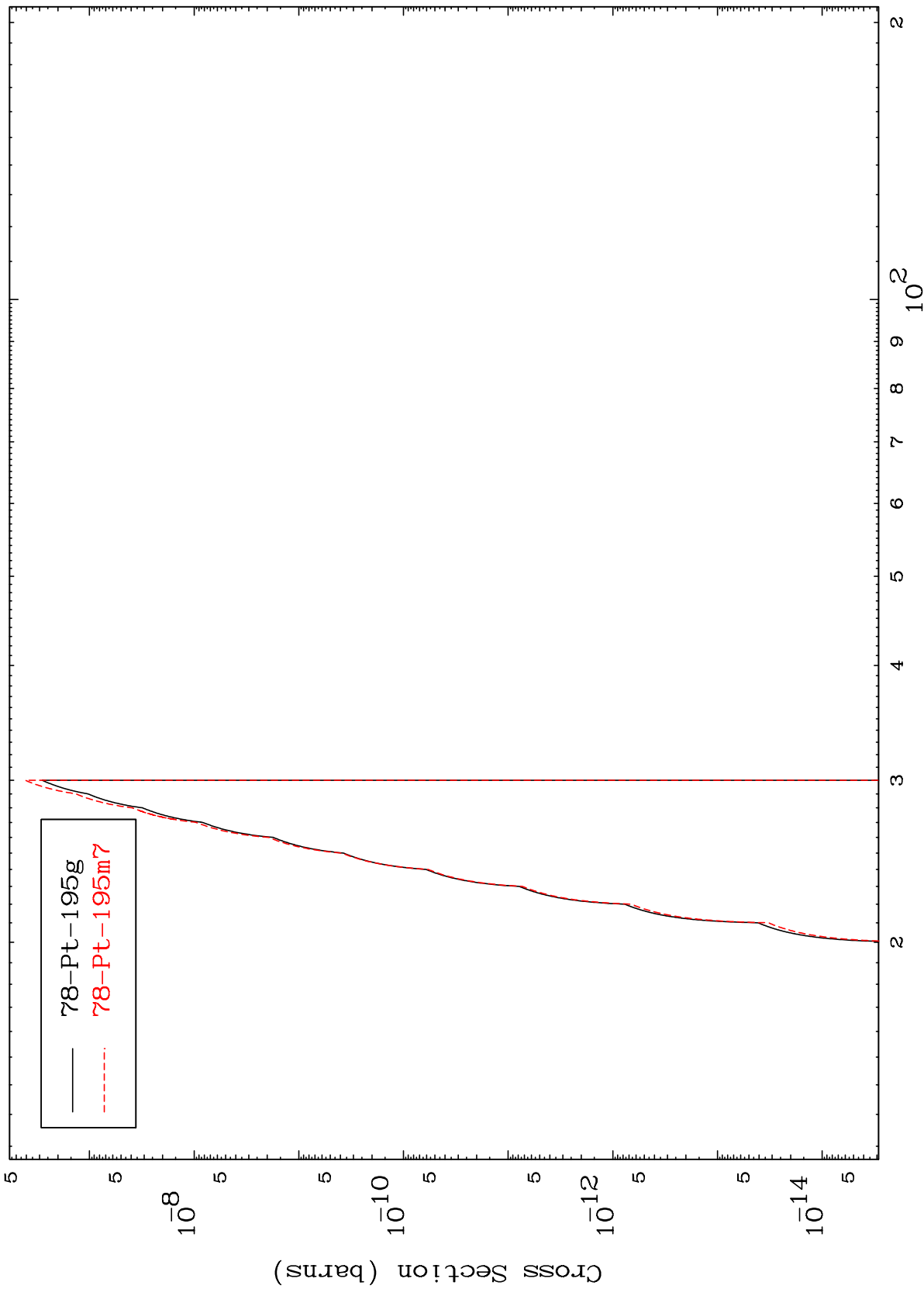


MAT 8029

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

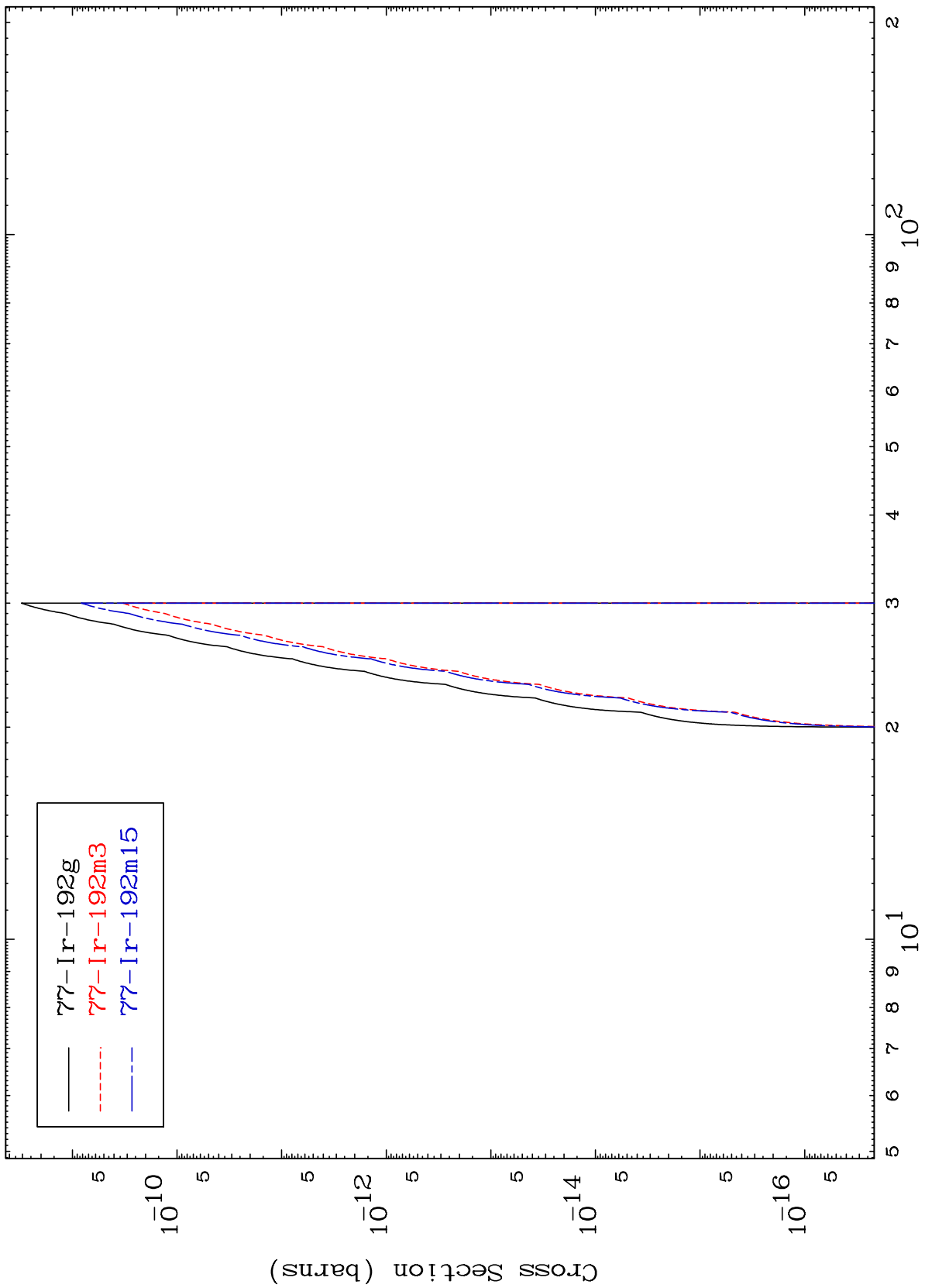
80-Hg-197

MAT 8029

(n,n') p α

80-Hg-197

Radionuclide Production Cross Section



30

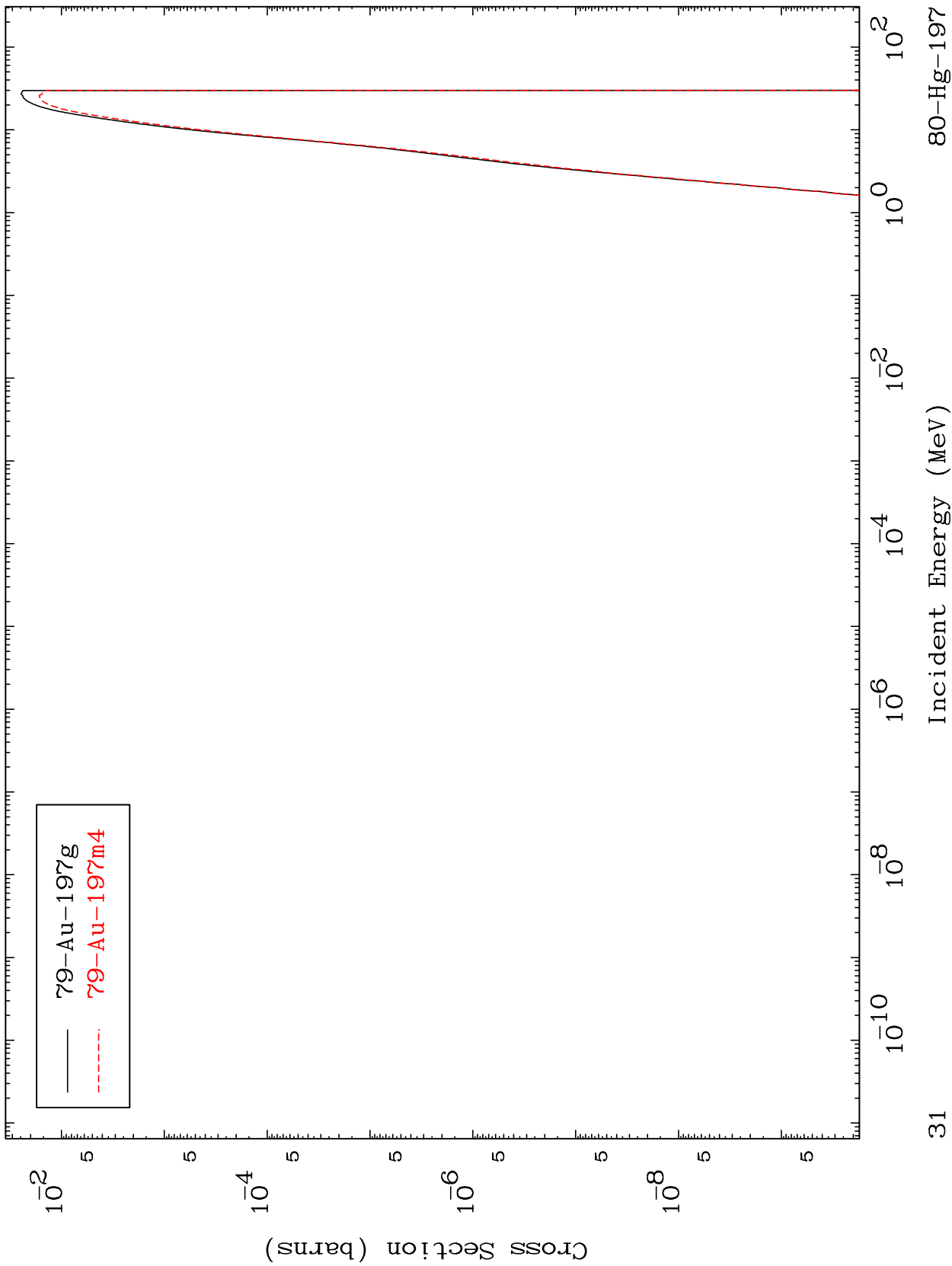
Incident Energy (MeV)

80-Hg-197

MAT 8029

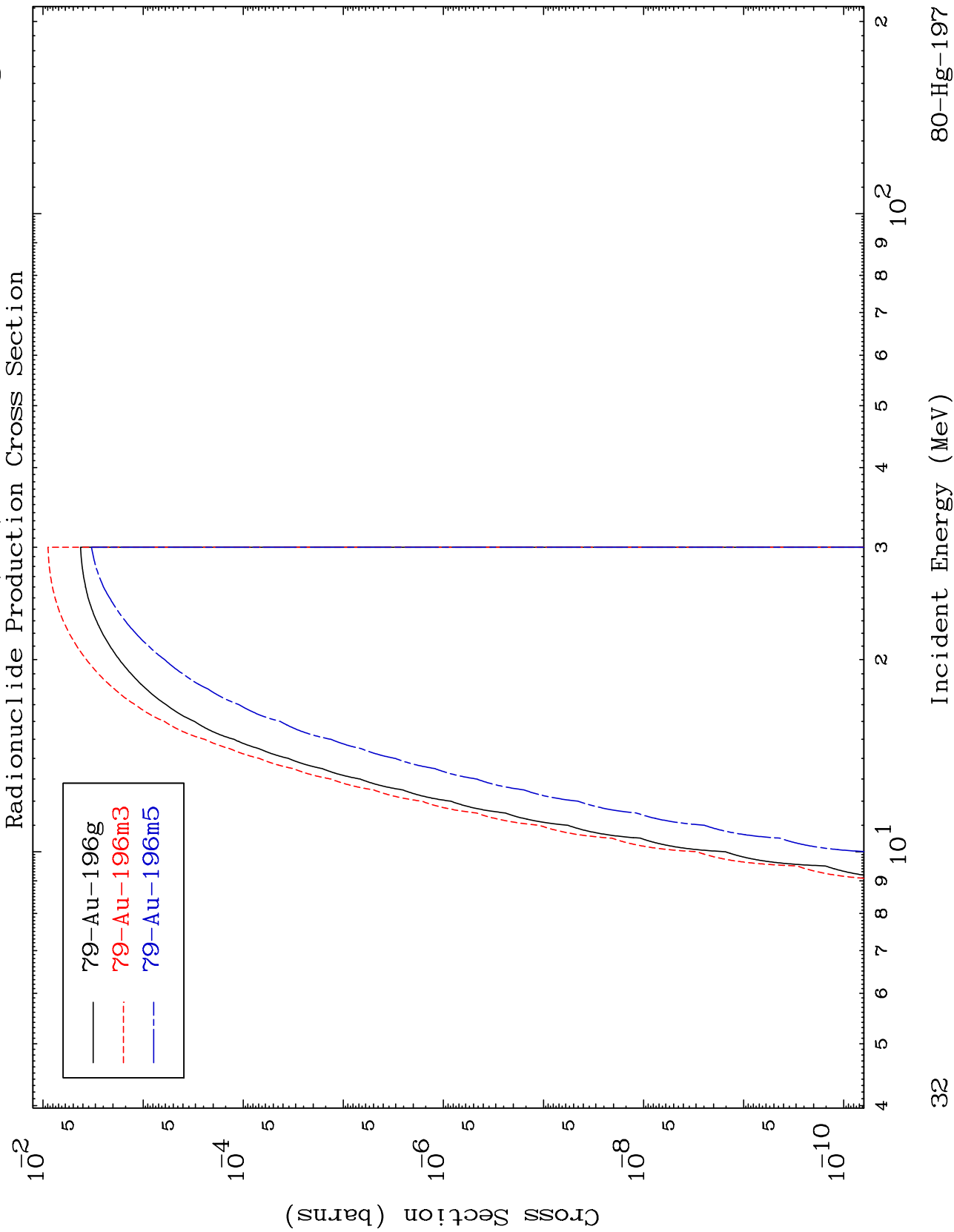
80-Hg-197

(n,p)
Radionuclide Production Cross Section



MAT 8029

80-Hg-197



Incident Energy (MeV)

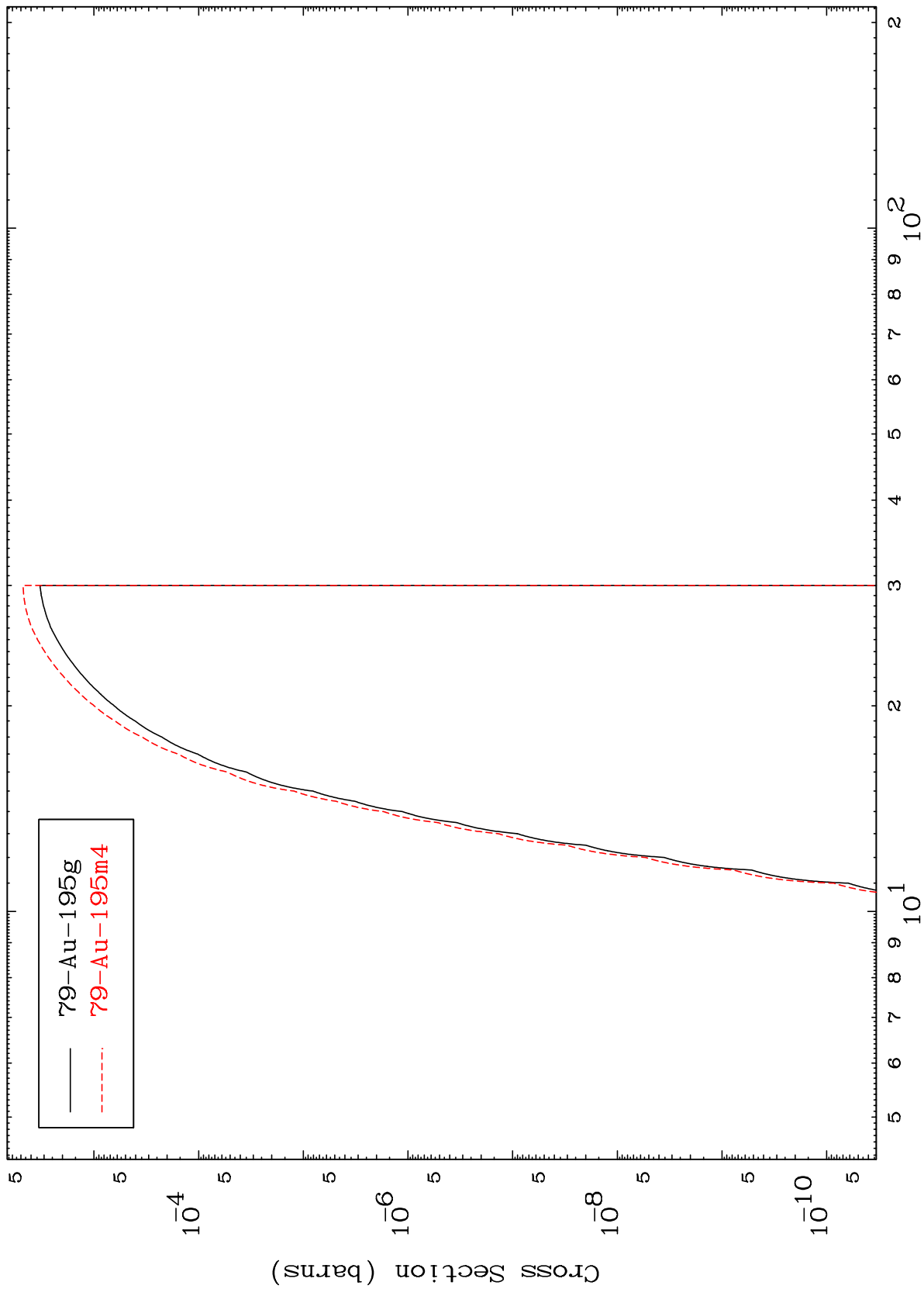
80-Hg-197

32

MAT 8029

80-Hg-197

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-197

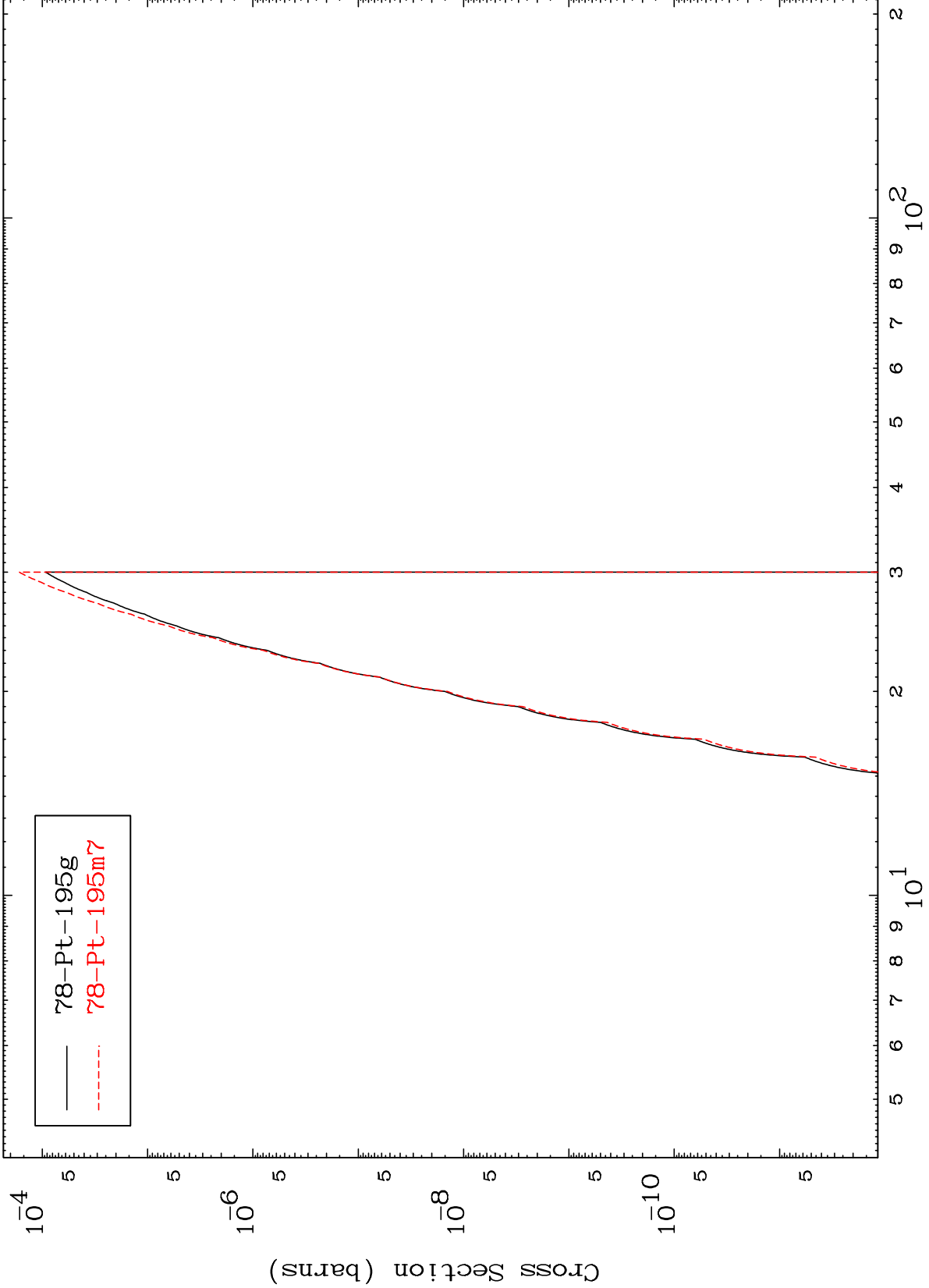
33

MAT 8029

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

34

Incident Energy (MeV)

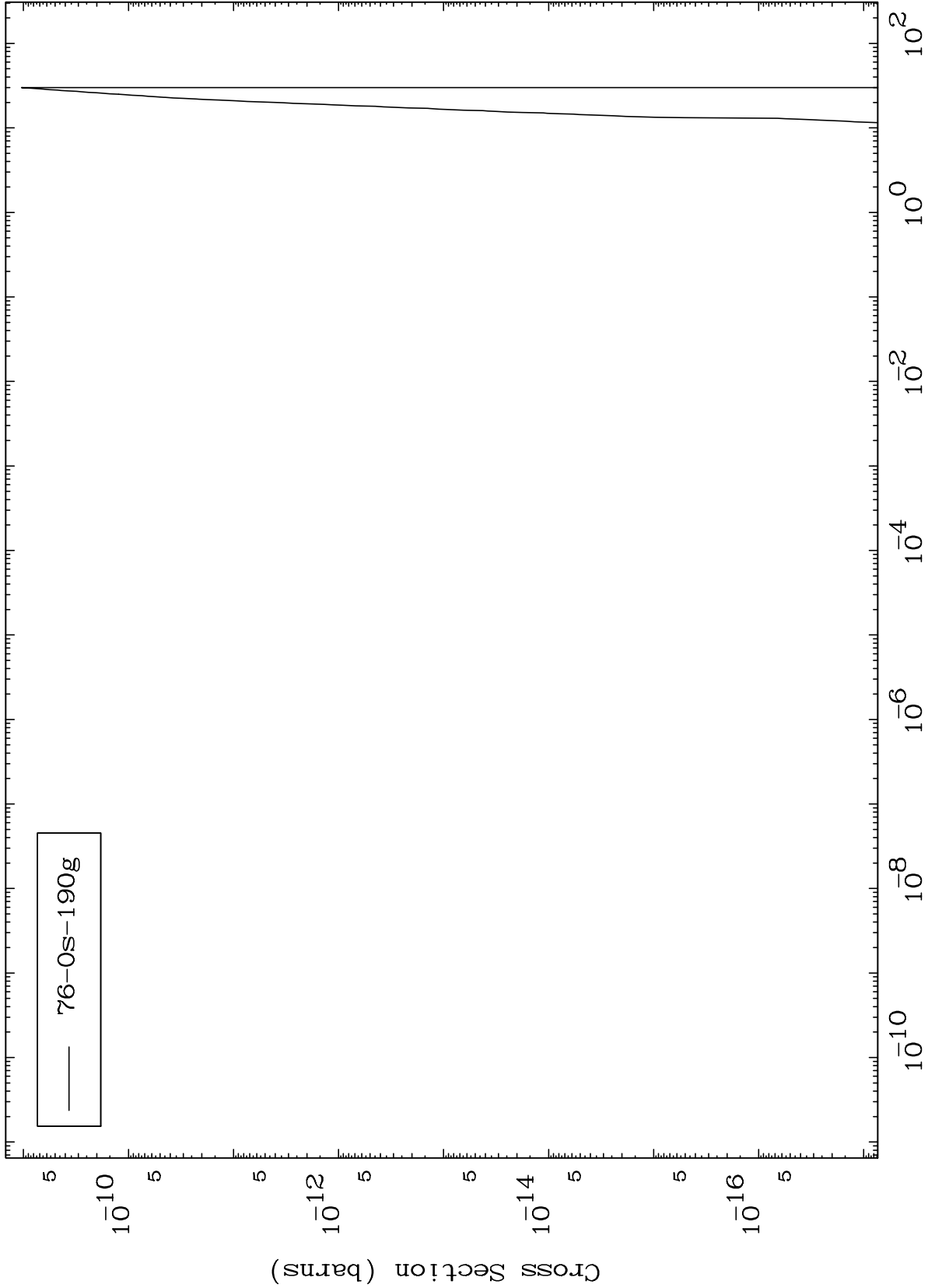
80-Hg-197

MAT 8029

(n,2α)

80-Hg-197

Radionuclide Production Cross Section

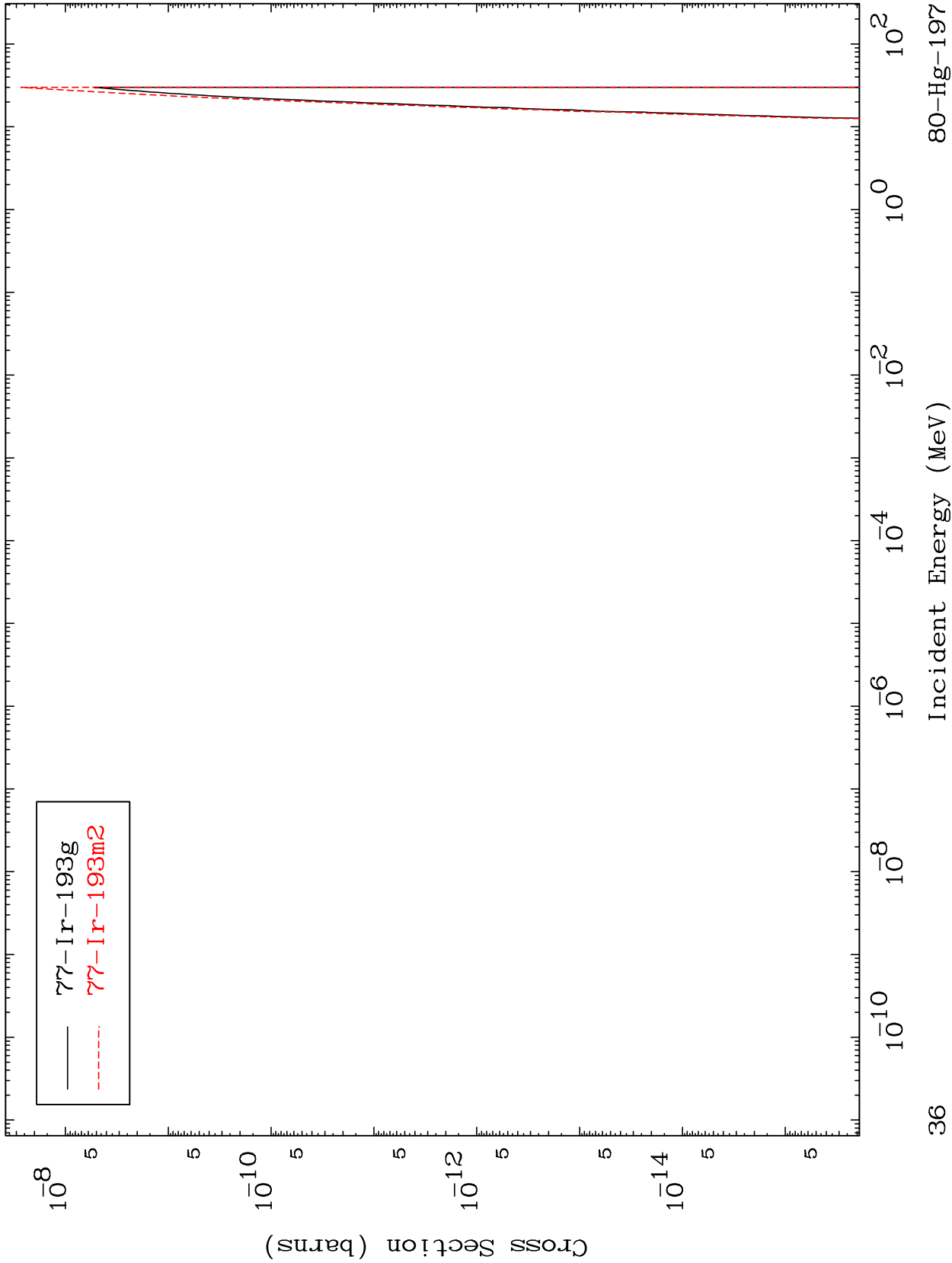


MAT 8029

(n,p) α

80-Hg-197

Radionuclide Production Cross Section

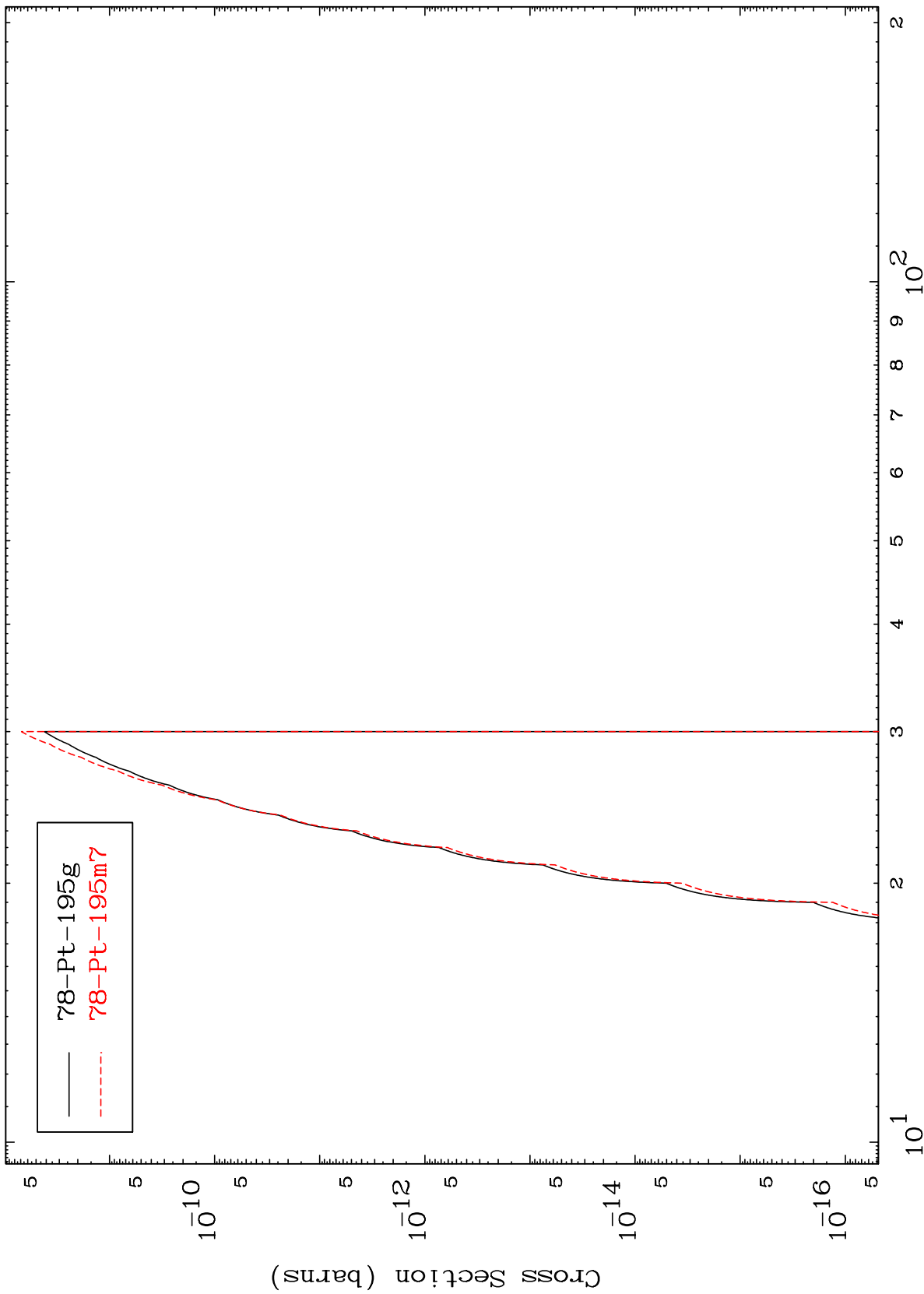


MAT 8029

(n,p) d

80-Hg-197

Radionuclide Production Cross Section



37

Incident Energy (MeV)

80-Hg-197