

Program EVALPLOT
(Version 2018-1)

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

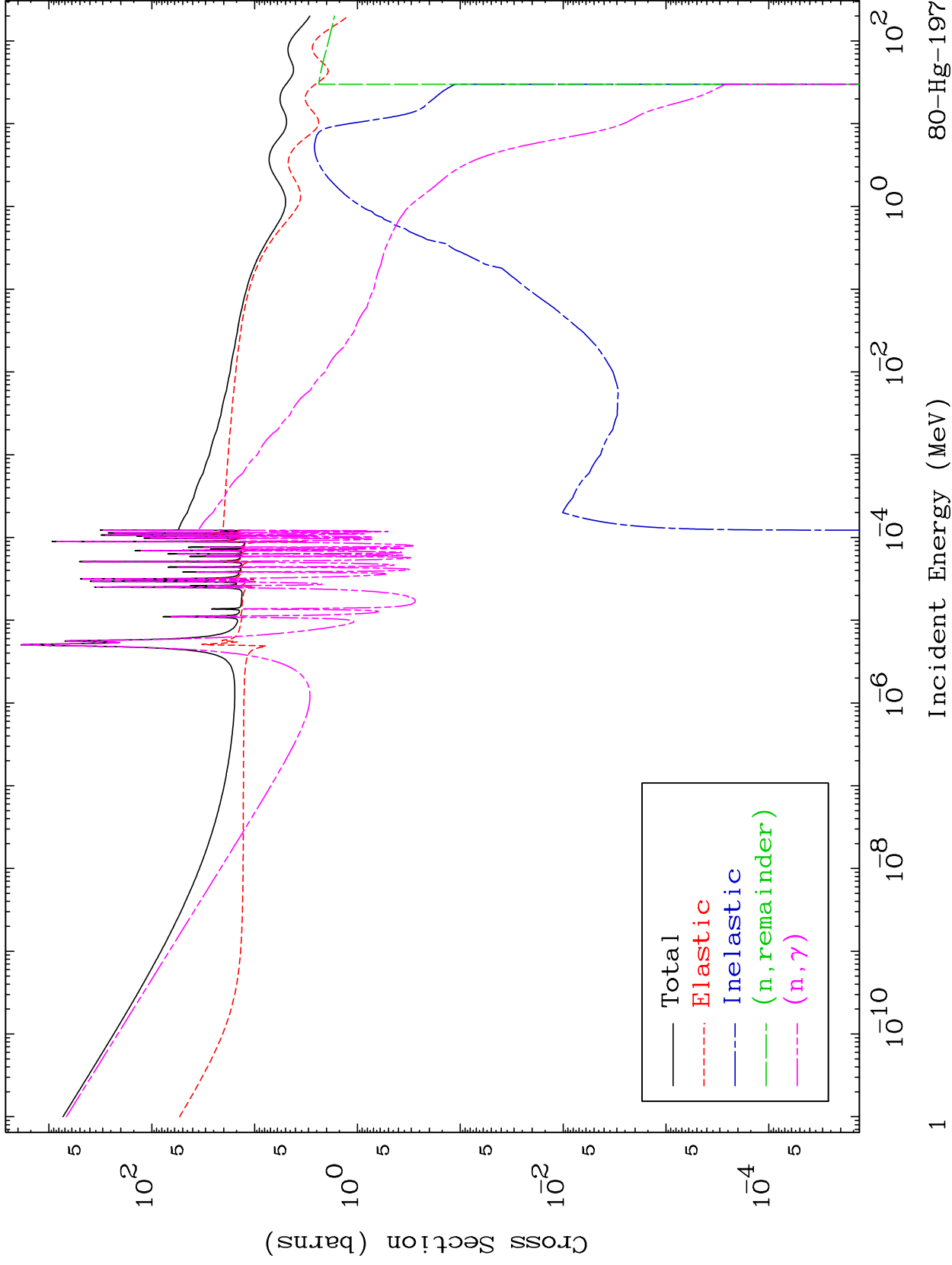
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8029

Major
293 Kelvin Cross Sections

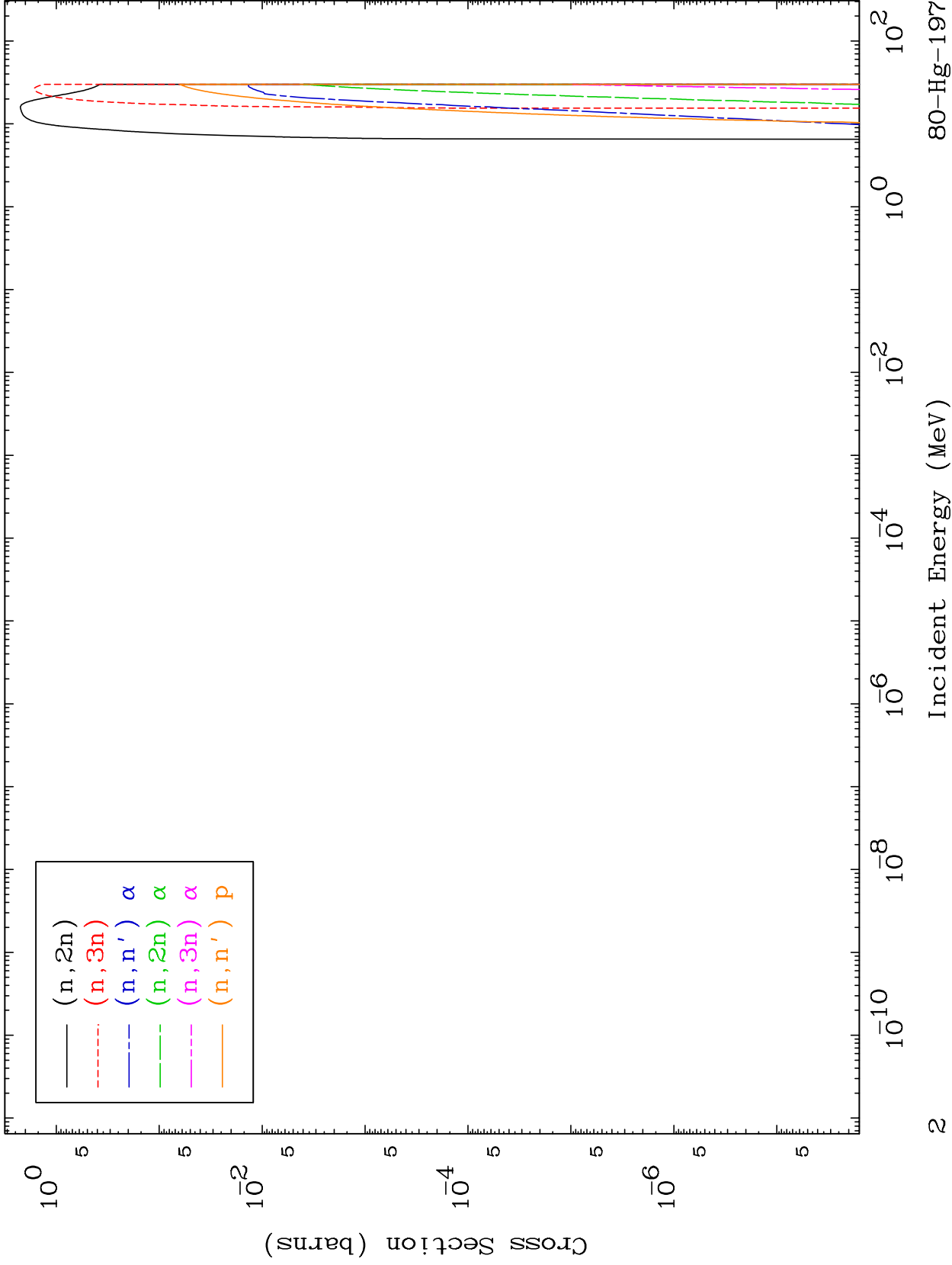
80-Hg-197

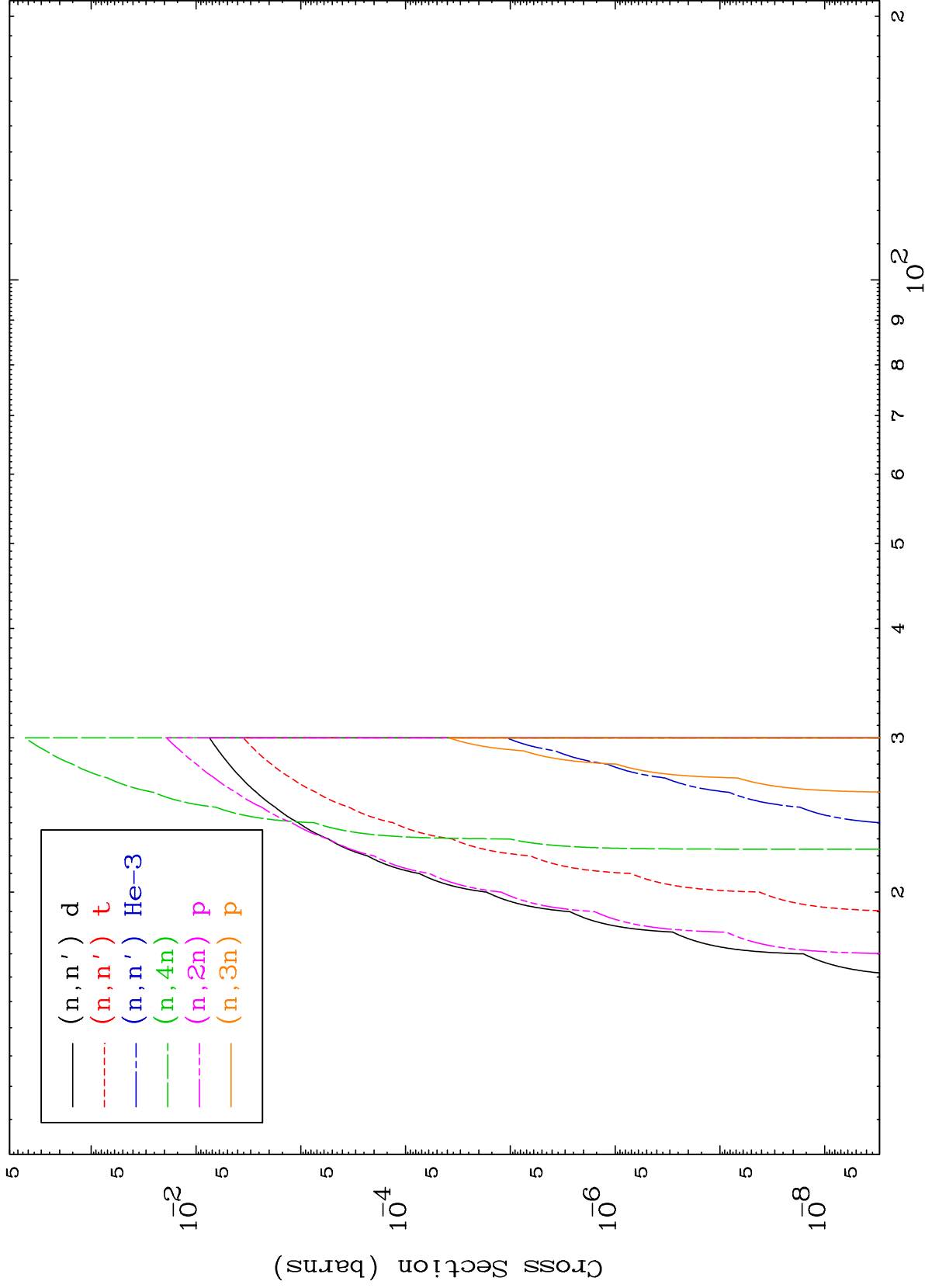


MAT 8029

Neutron Production
293 Kelvin Cross Sections

80-Hg-197

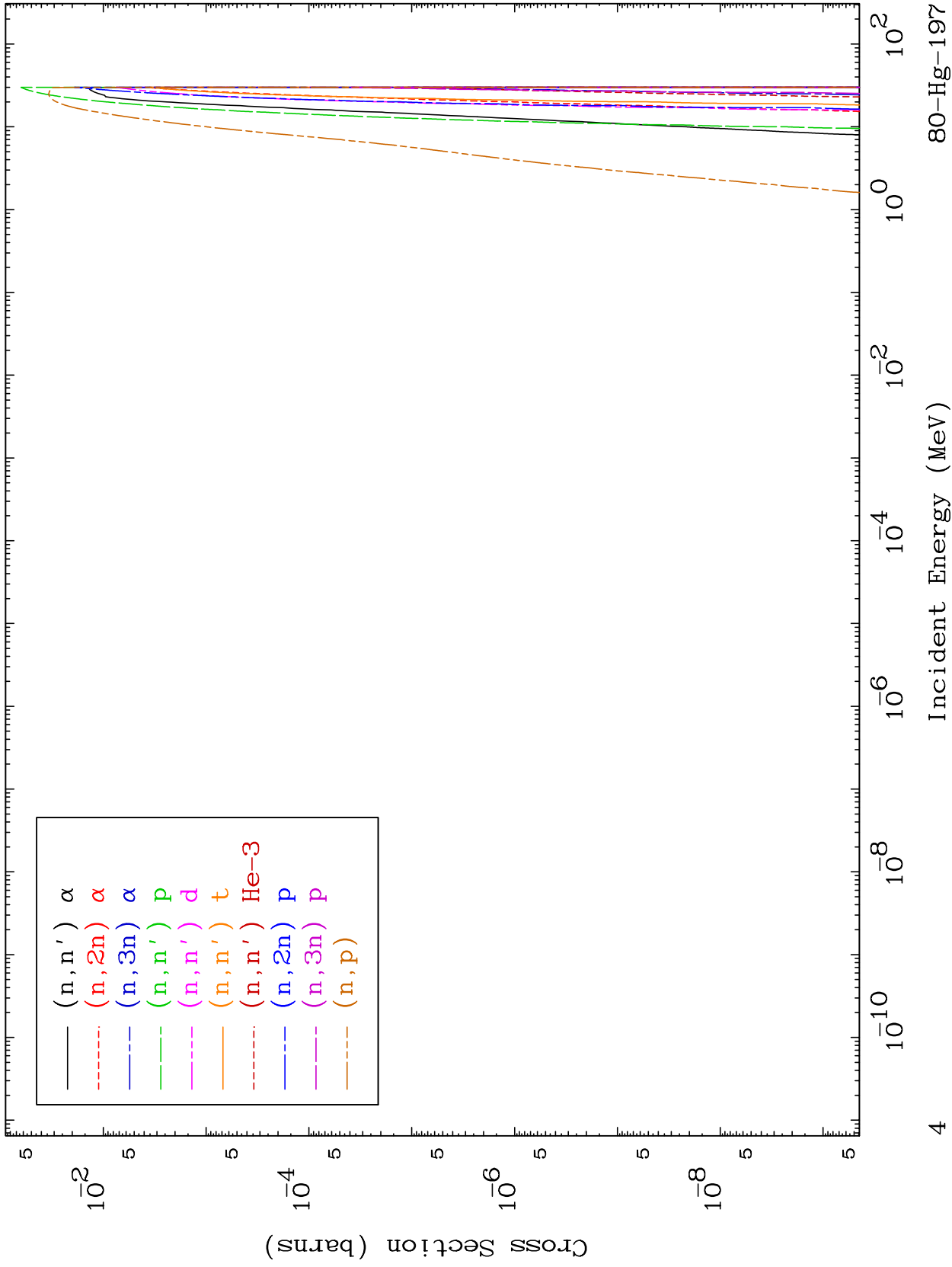




MAT 8029

Charged Particle
293 Kelvin Cross Sections

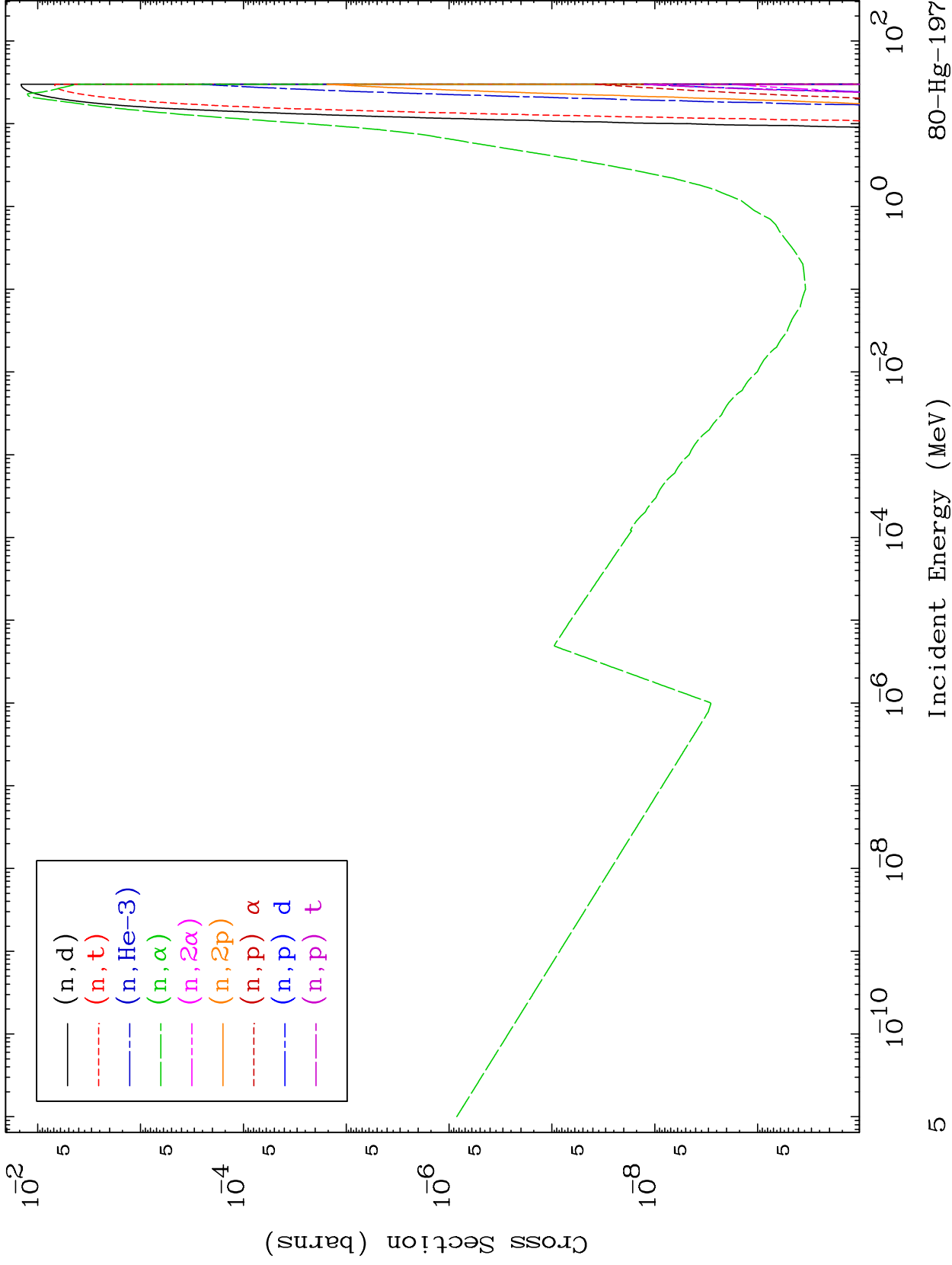
80-Hg-197



MAT 8029

Charged Particle
293 Kelvin Cross Sections

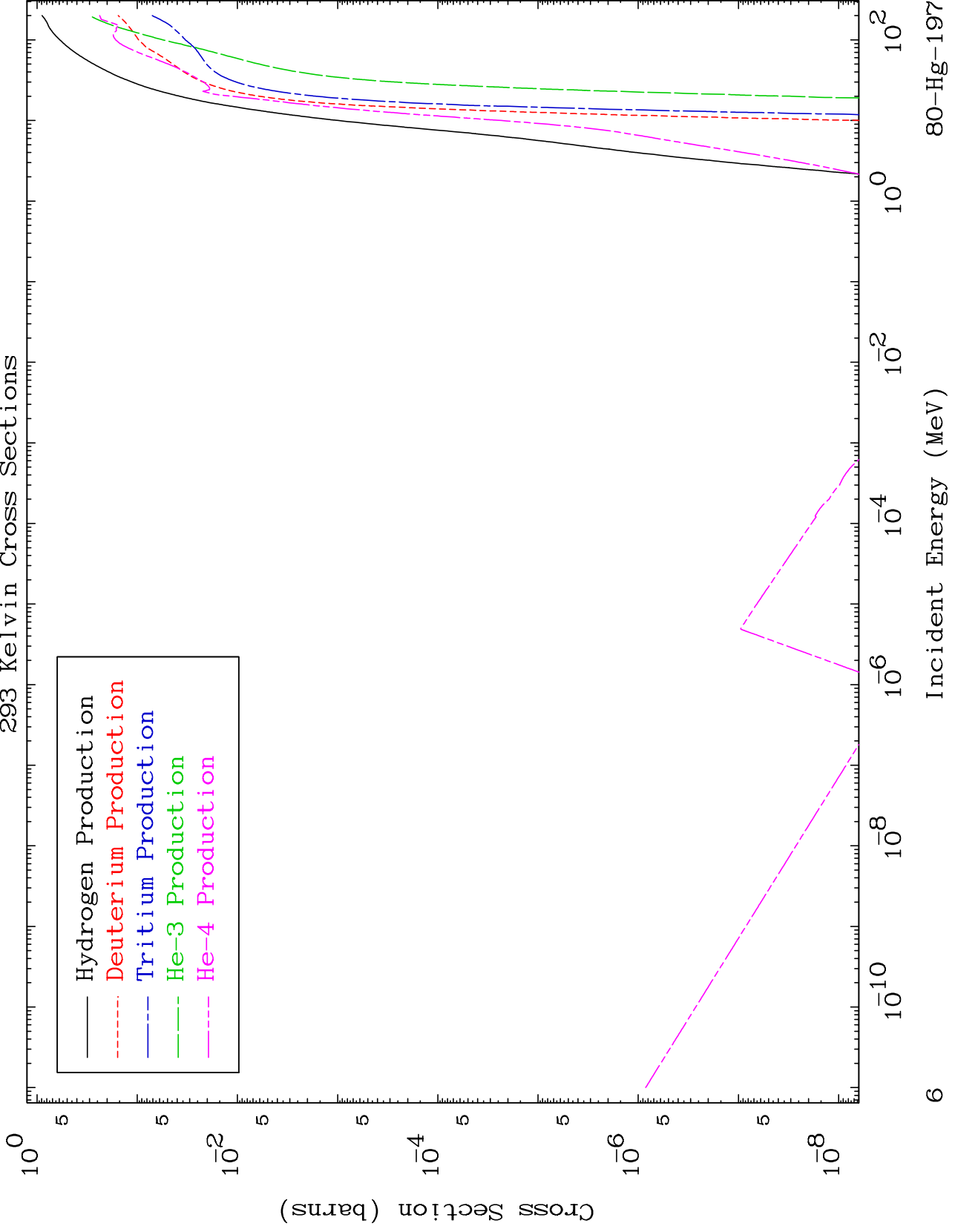
80-Hg-197



MAT 8029

Particle Production
293 Kelvin Cross Sections

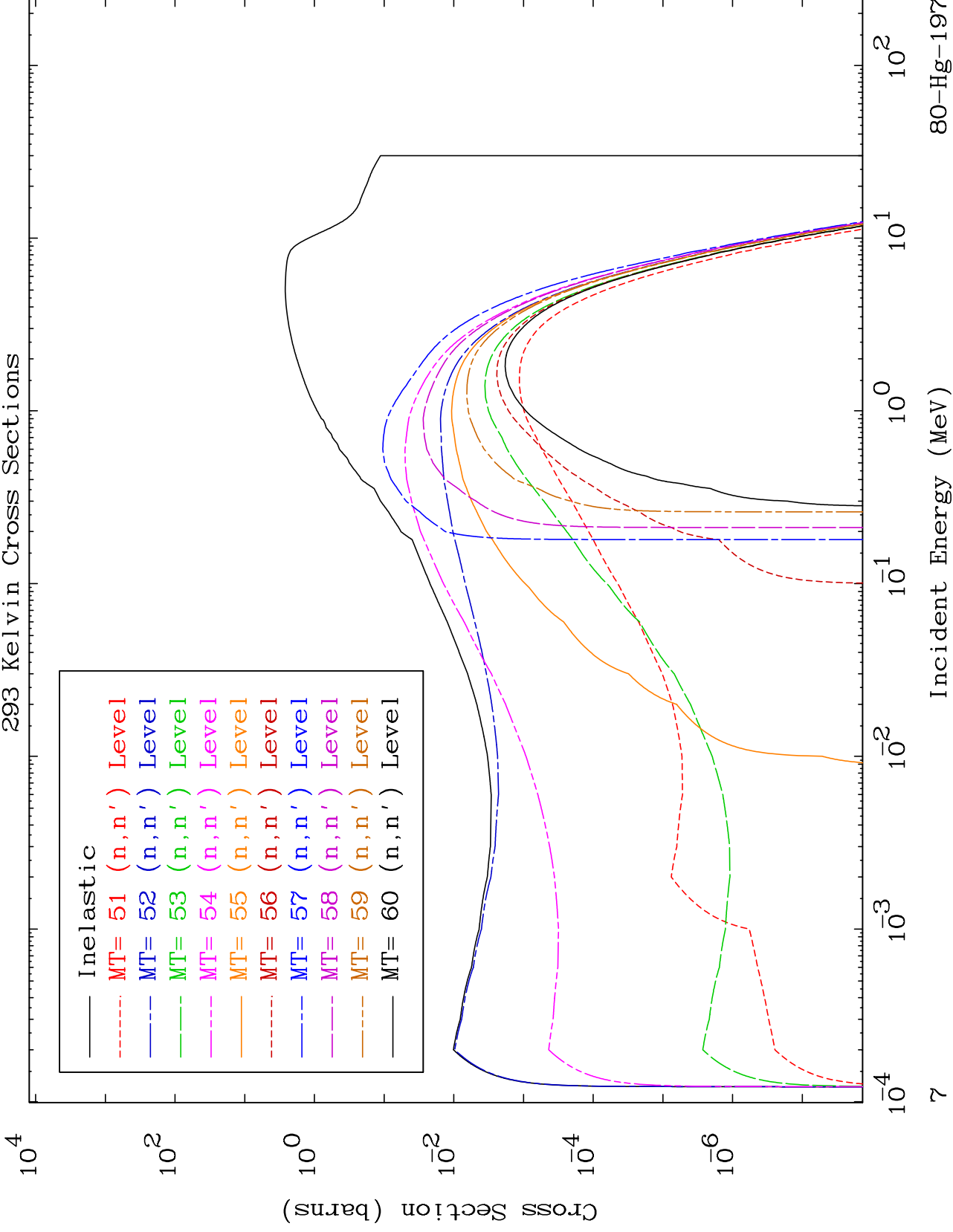
80-Hg-197



MAT 80299

(n,n') Level
293 Kelvin Cross Sections

80-Hg-197

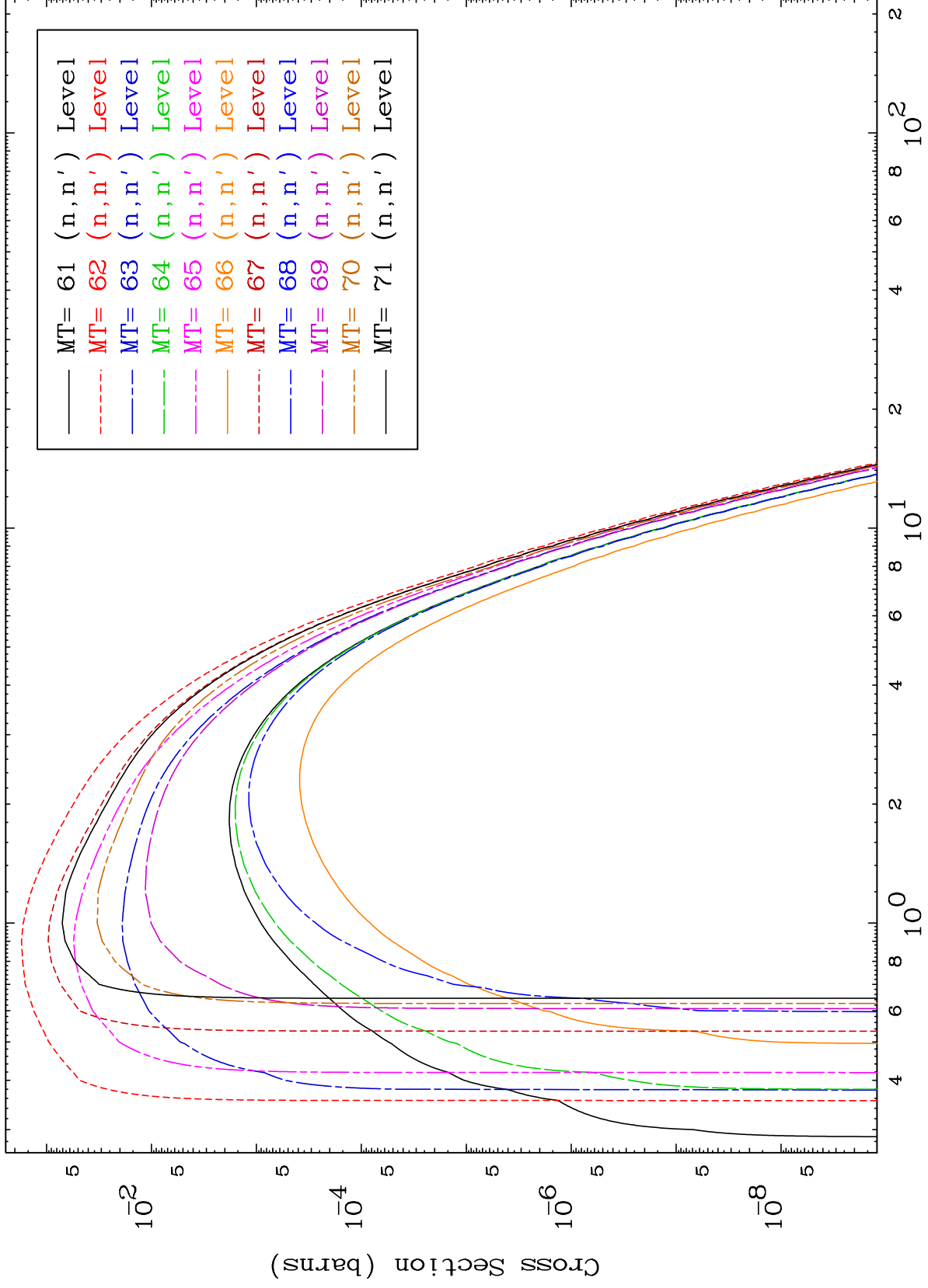


MAT 8029

(n,n') Level

80-Hg-197

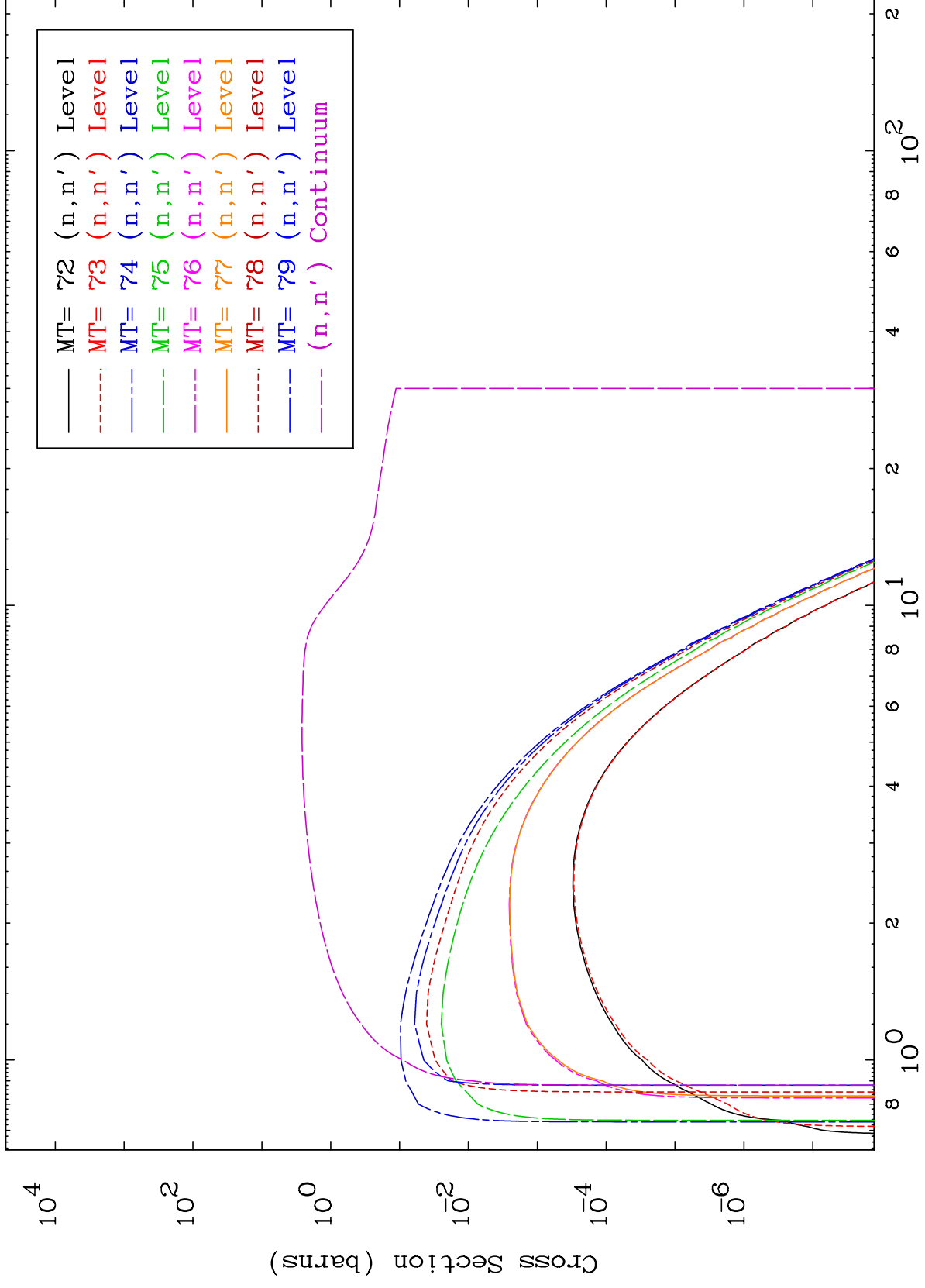
293 Kelvin Cross Sections



8

Incident Energy (MeV)

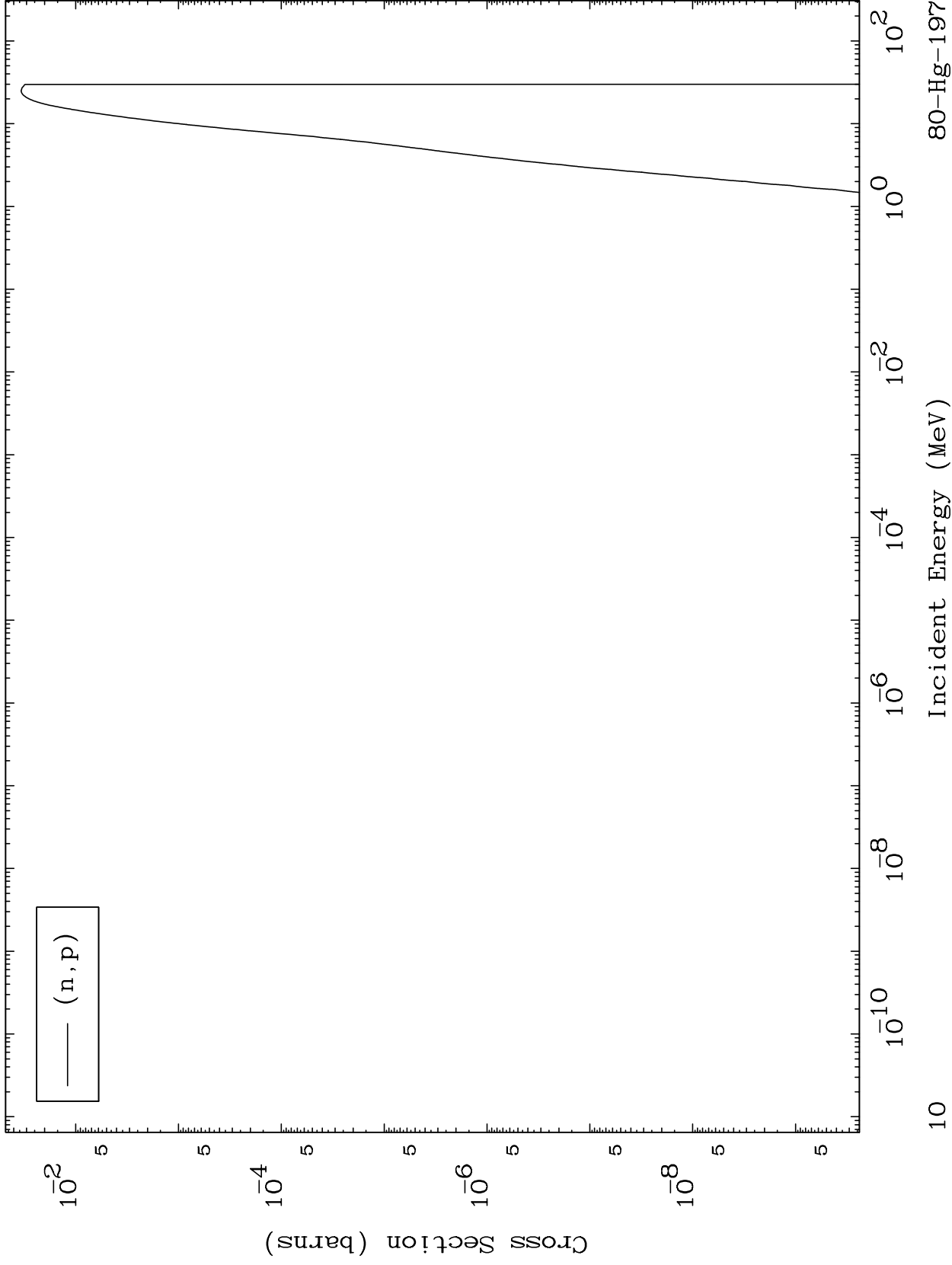
80-Hg-197



MAT 8029

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-197



10

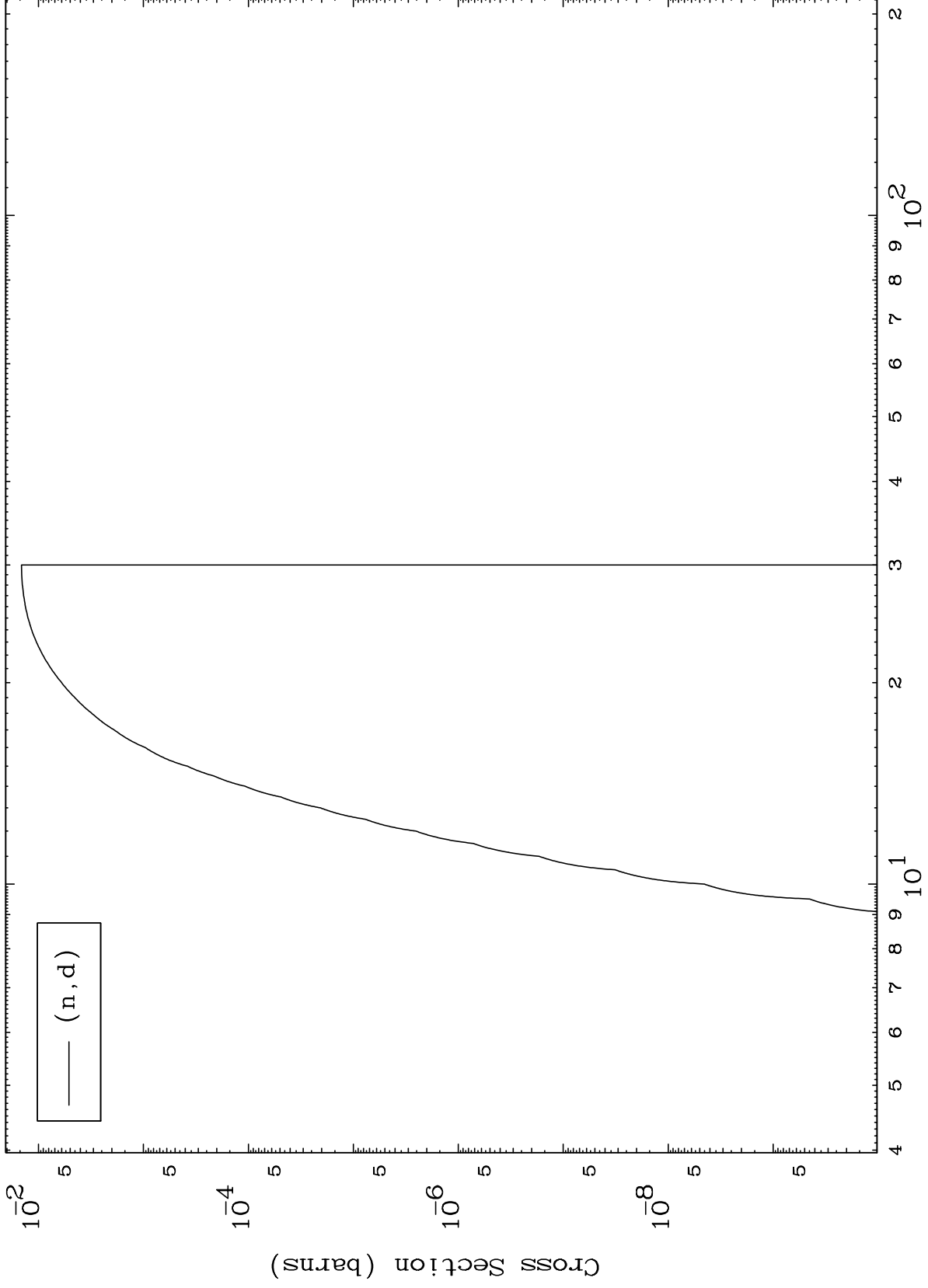
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-197



11

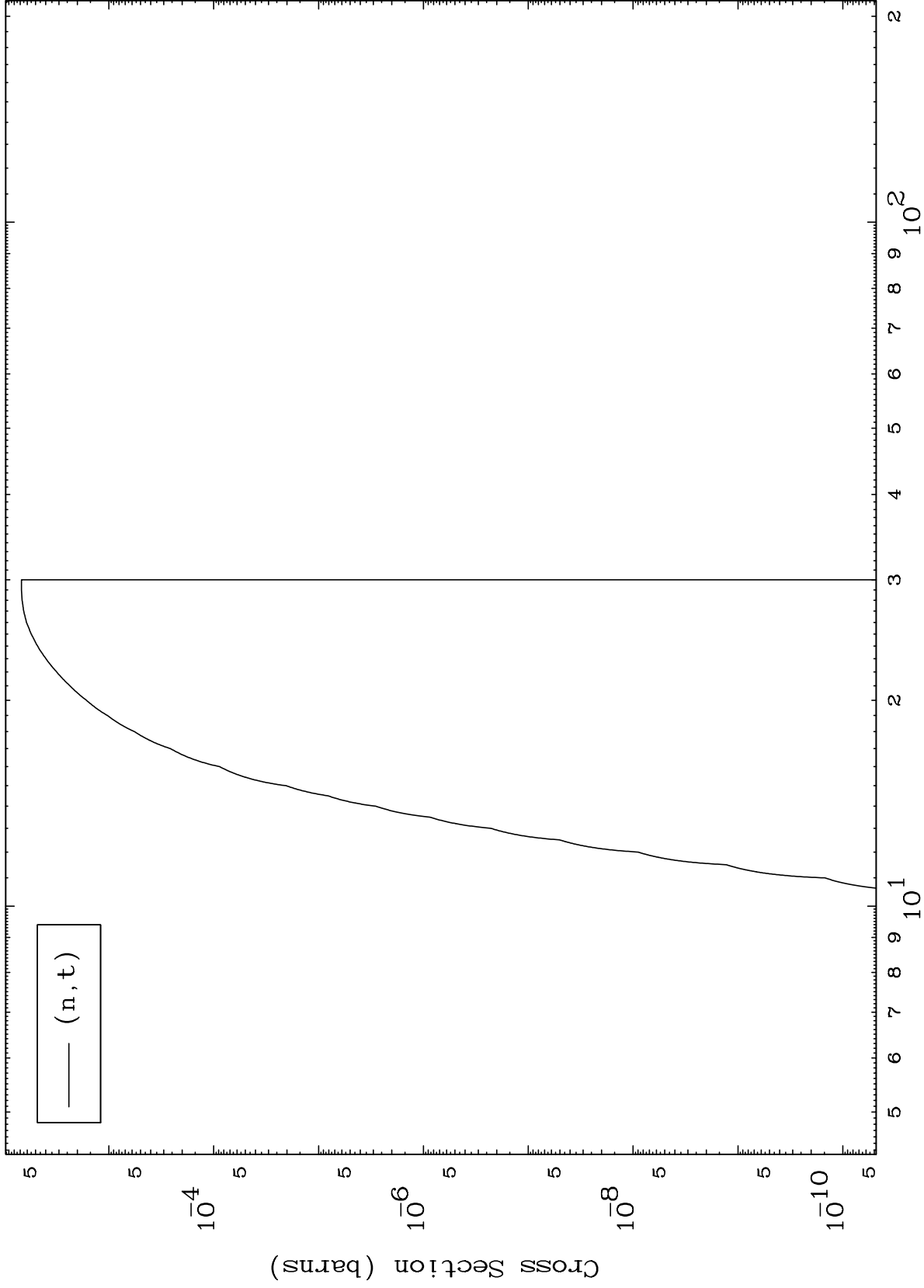
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-197



12

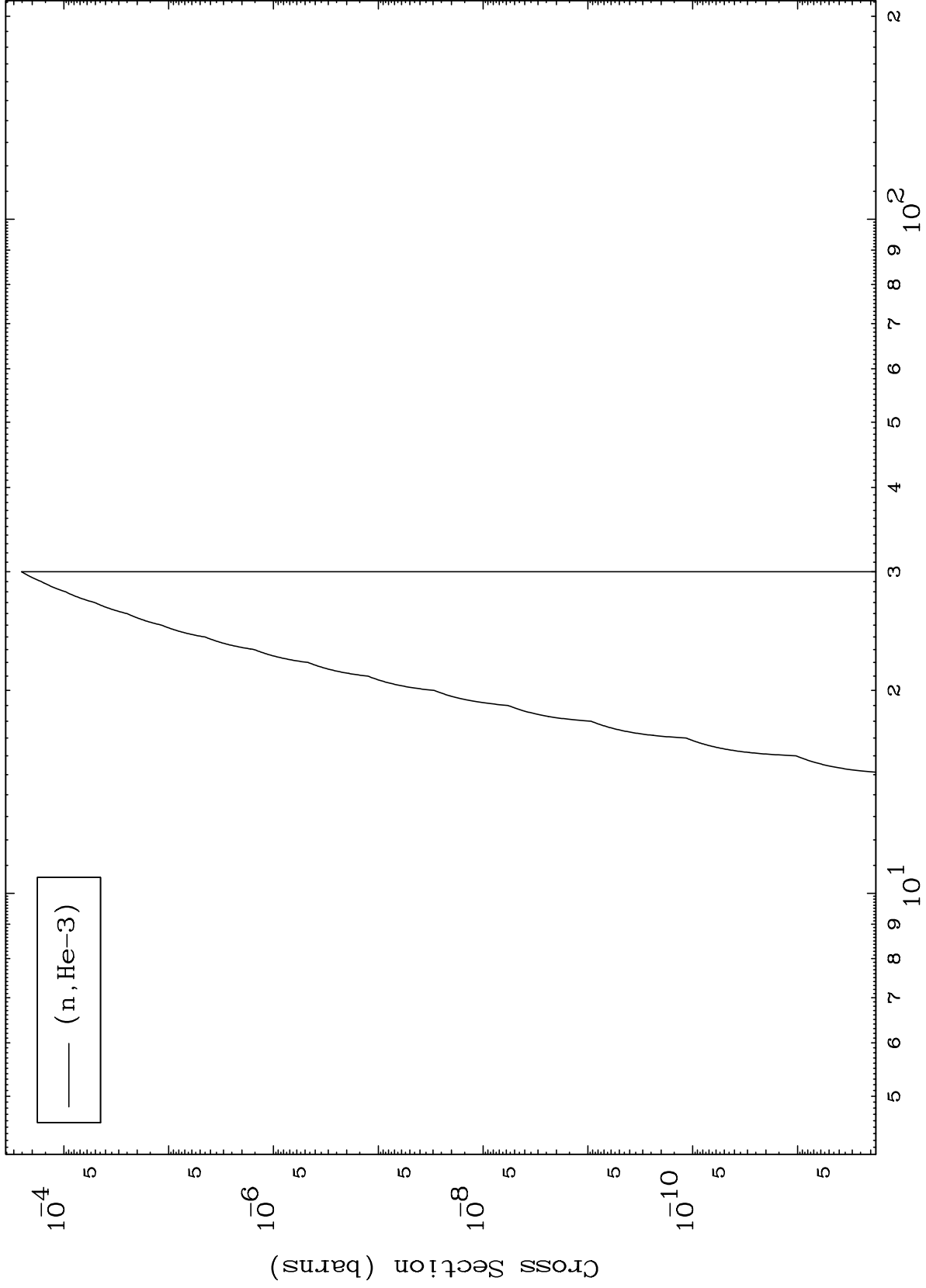
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-197



13

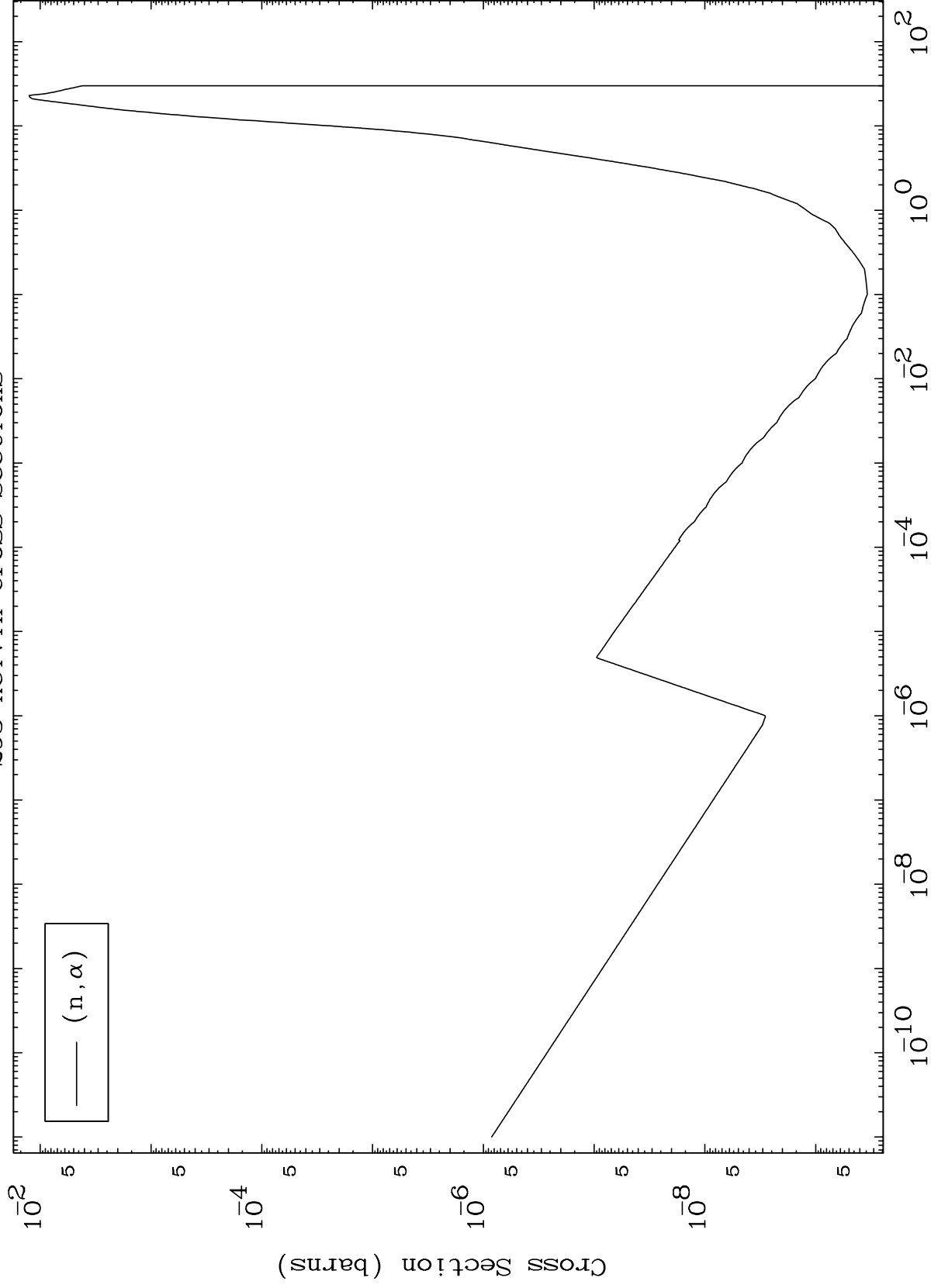
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n, α) Levels
293 Kelvin Cross Sections

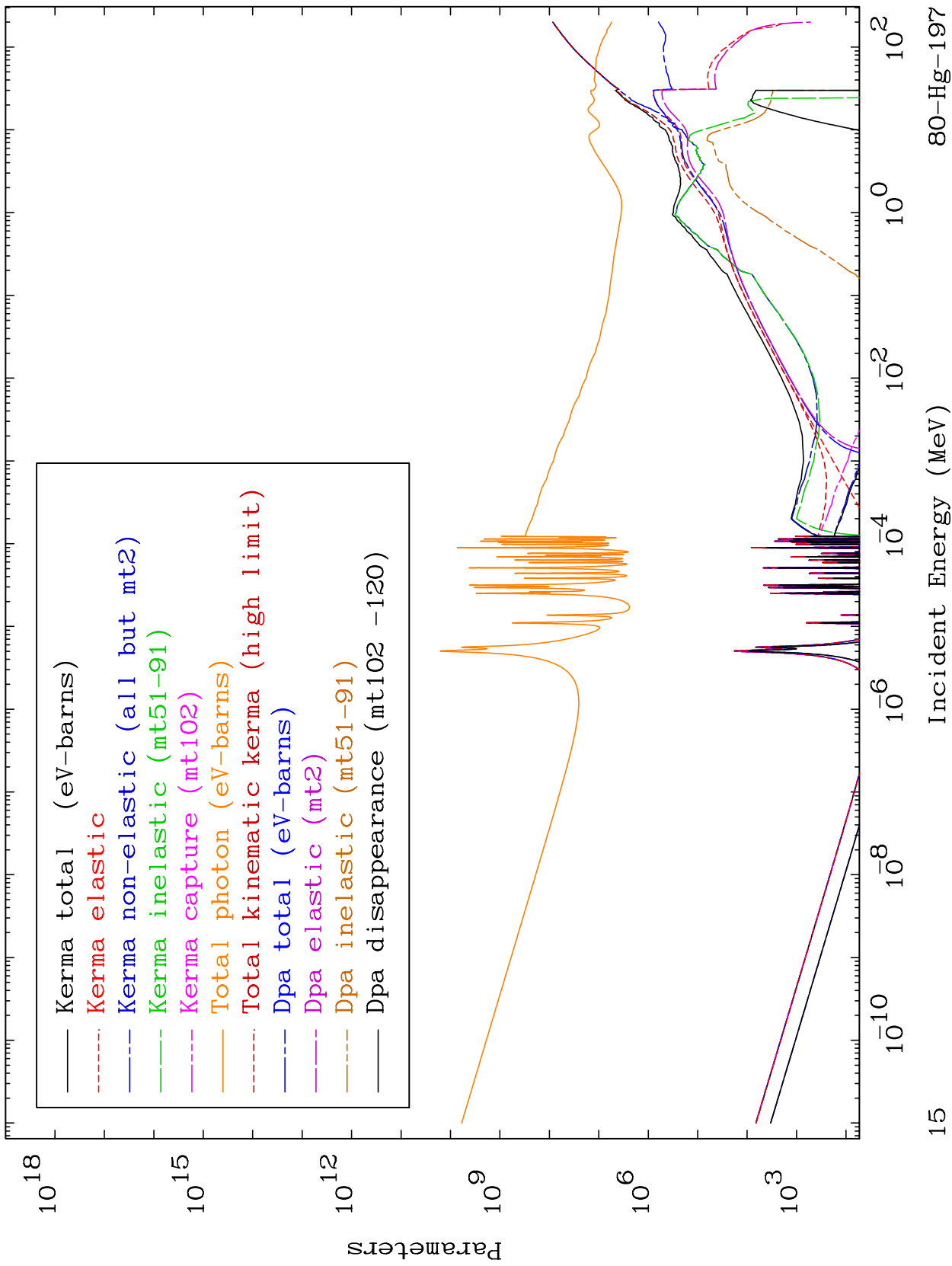
80-Hg-197



14

Incident Energy (MeV)

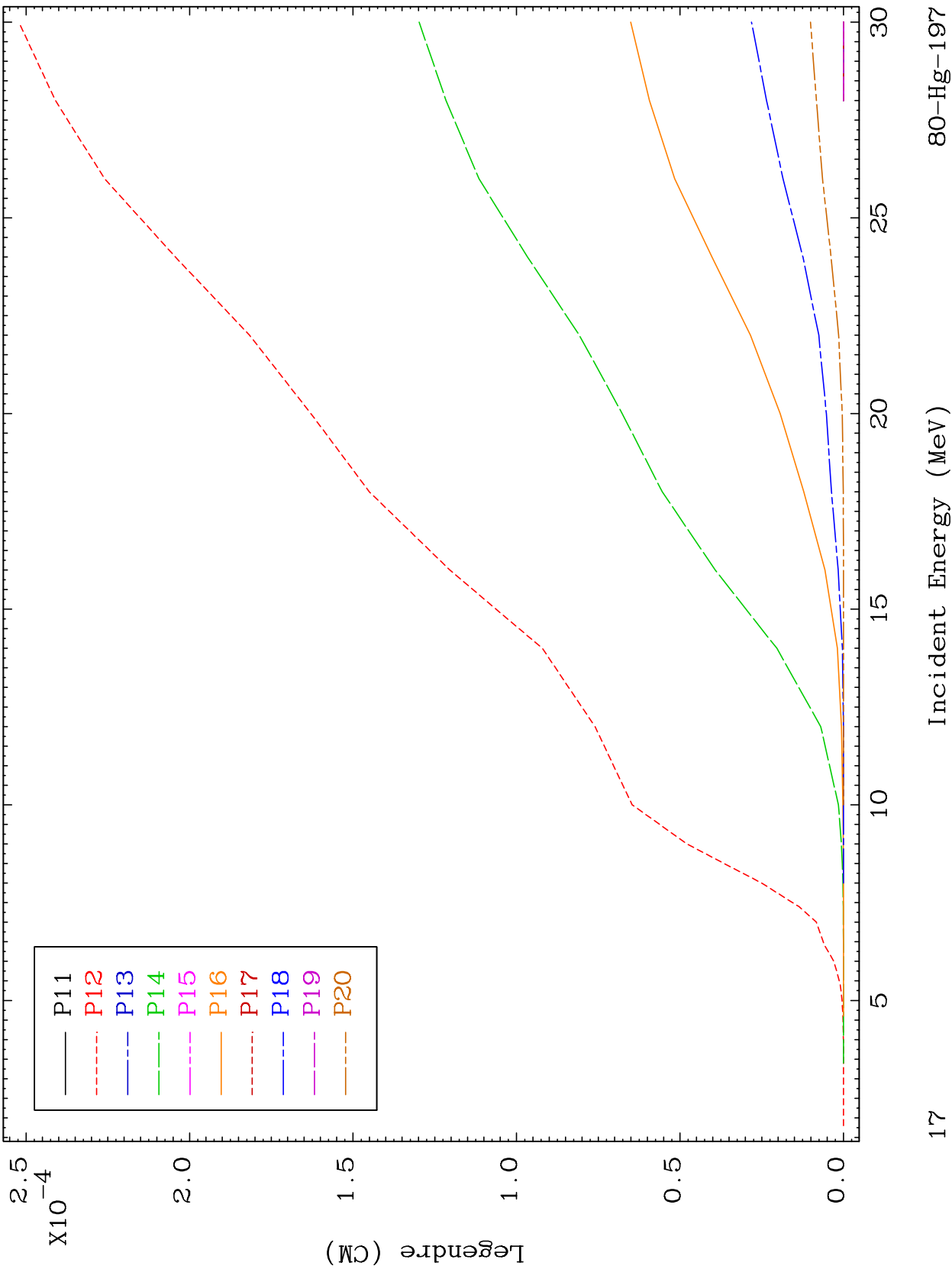
80-Hg-197



MAT 8029

Elastic Legendre Coefficients

80-Hg-197



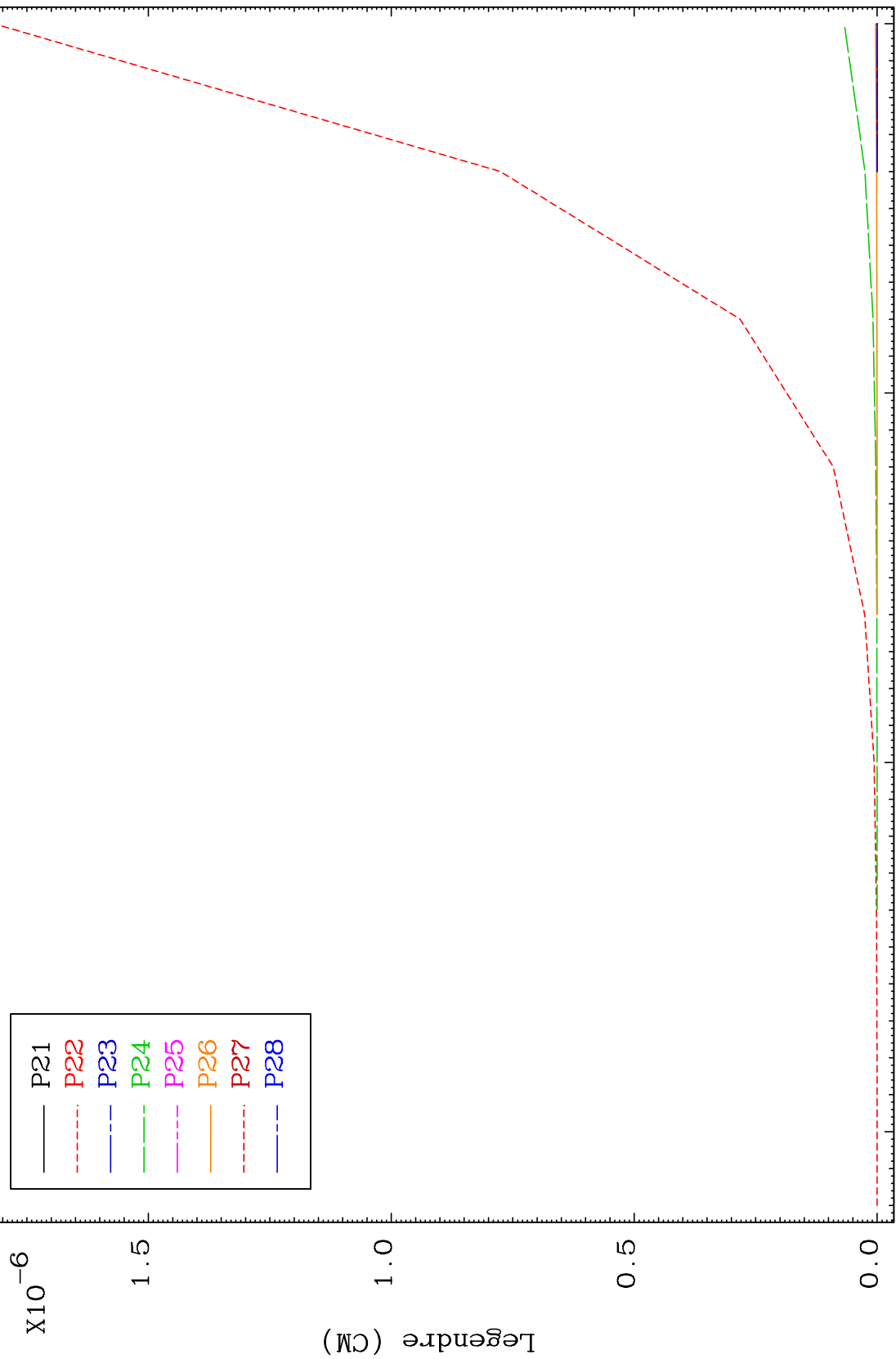
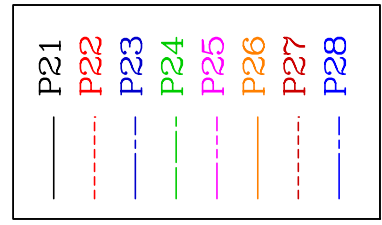
17

80-Hg-197

MAT 8029

Elastic Legendre Coefficients

80-Hg-197



18

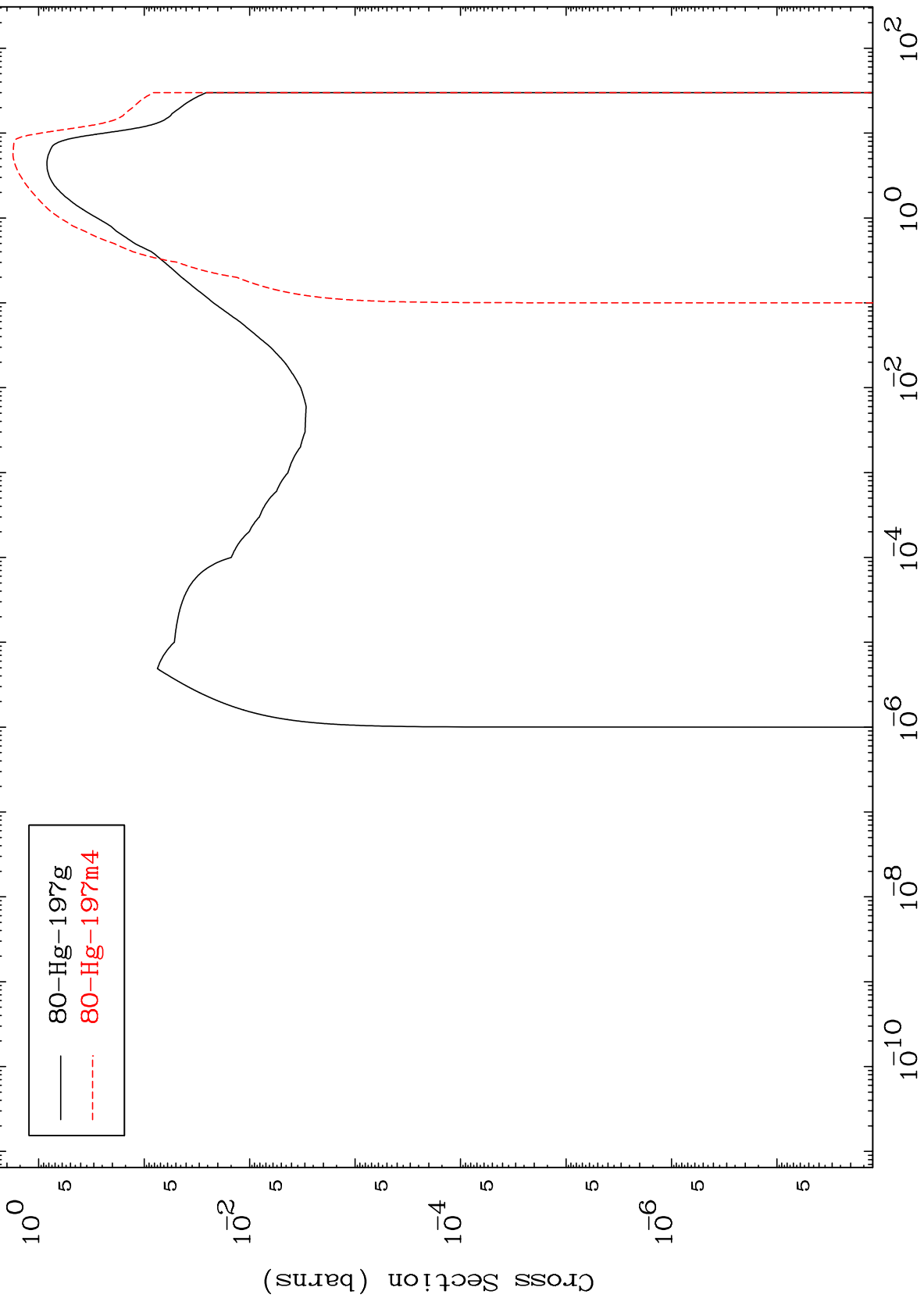
Incident Energy (MeV)

80-Hg-197

MAT 8029

Inelastic
Radionuclide Production Cross Section

80-Hg-197



80-Hg-197

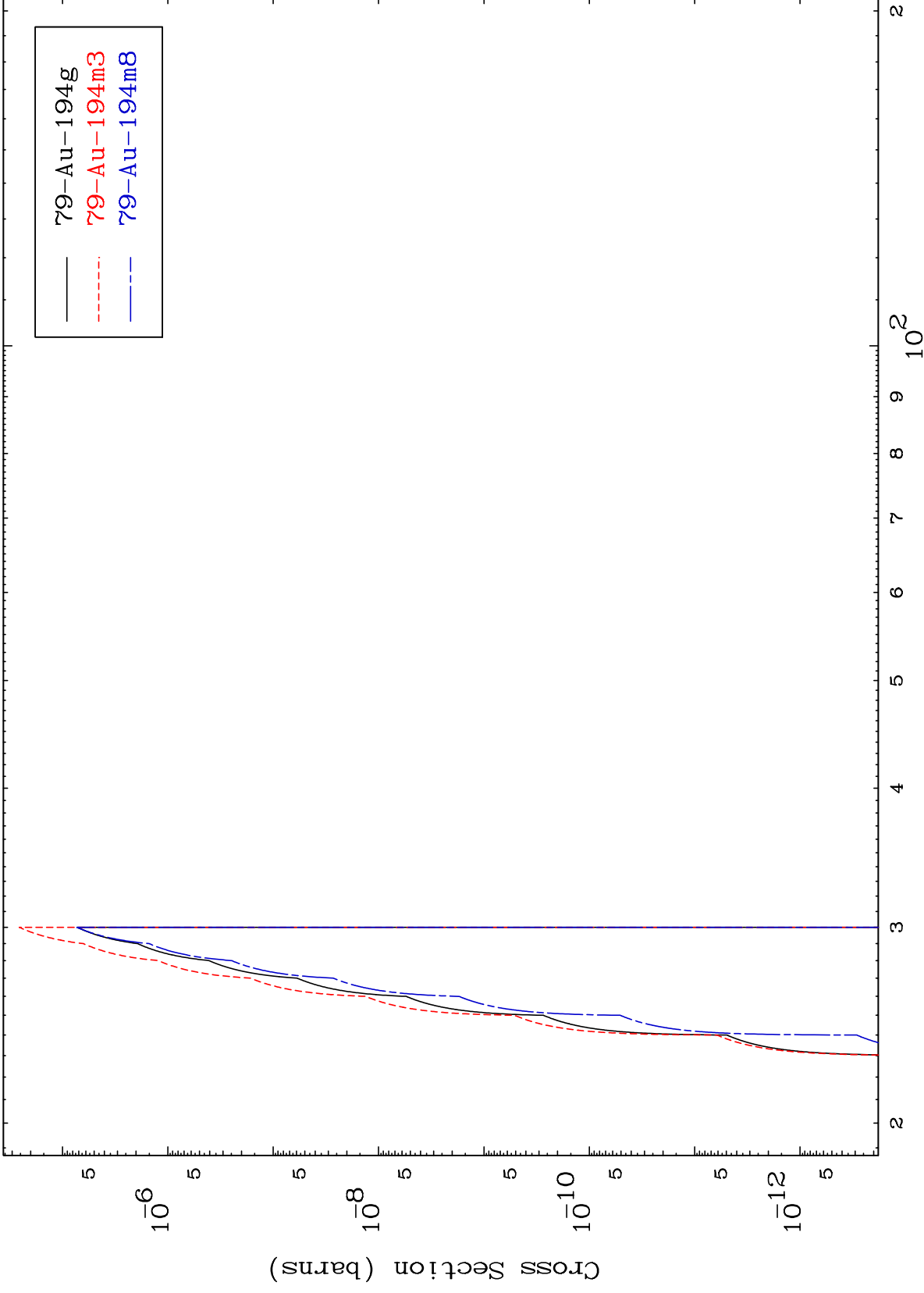
Incident Energy (MeV)

MAT 8029

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

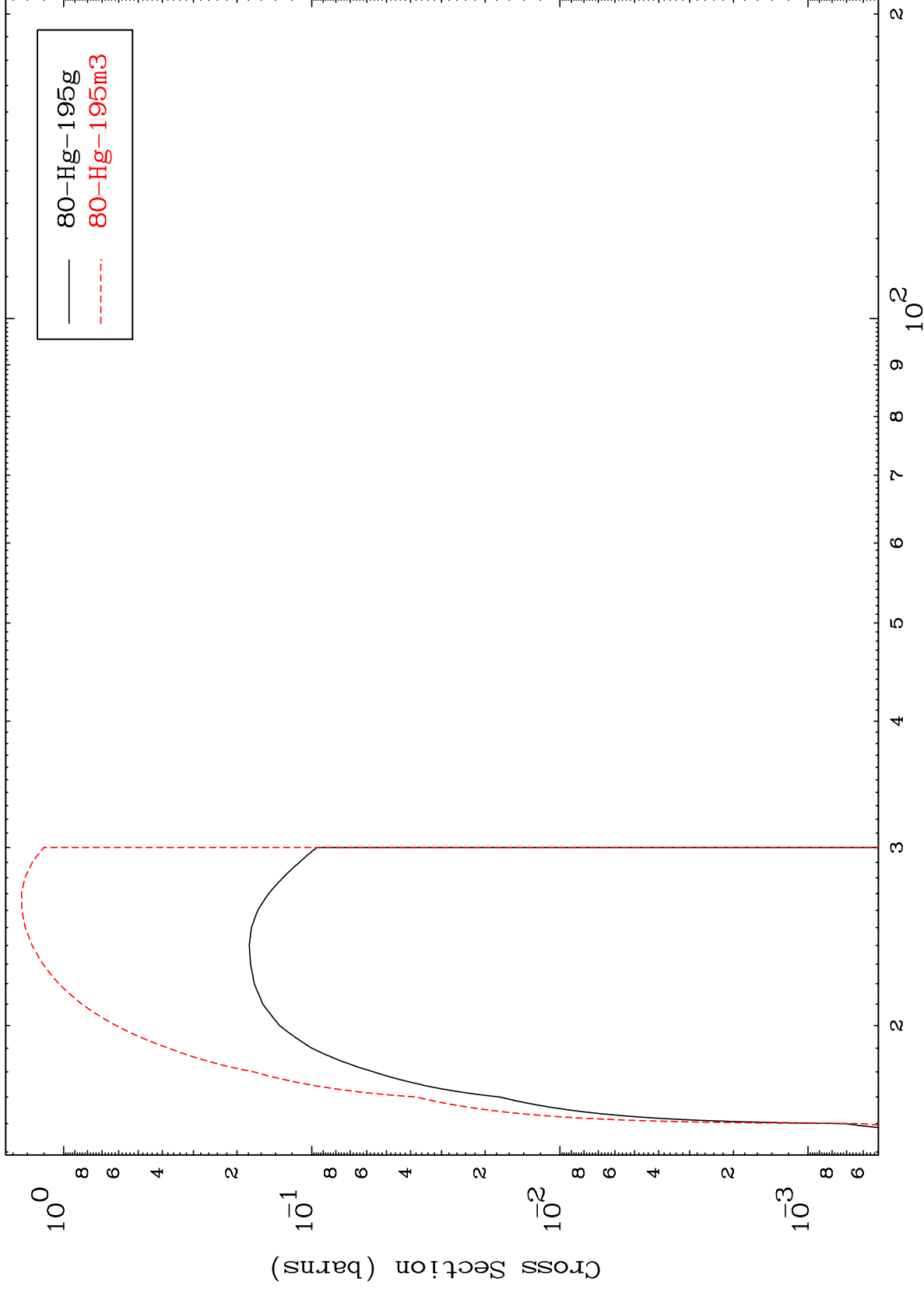
80-Hg-197

MAT 8029

(n,3n)

80-Hg-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

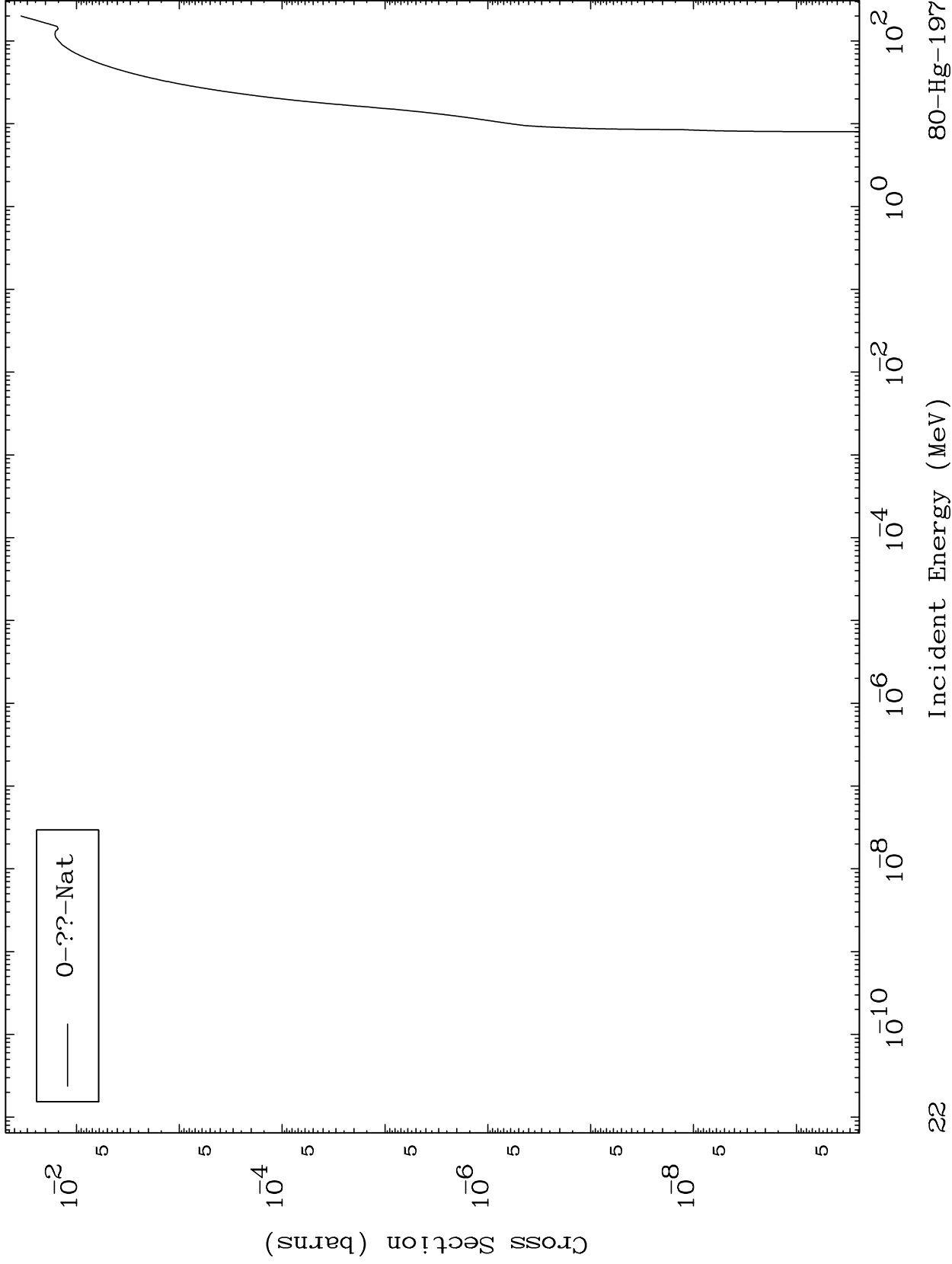
80-Hg-197

MAT 8029

Fission

80-Hg-197

Radionuclide Production Cross Section



22

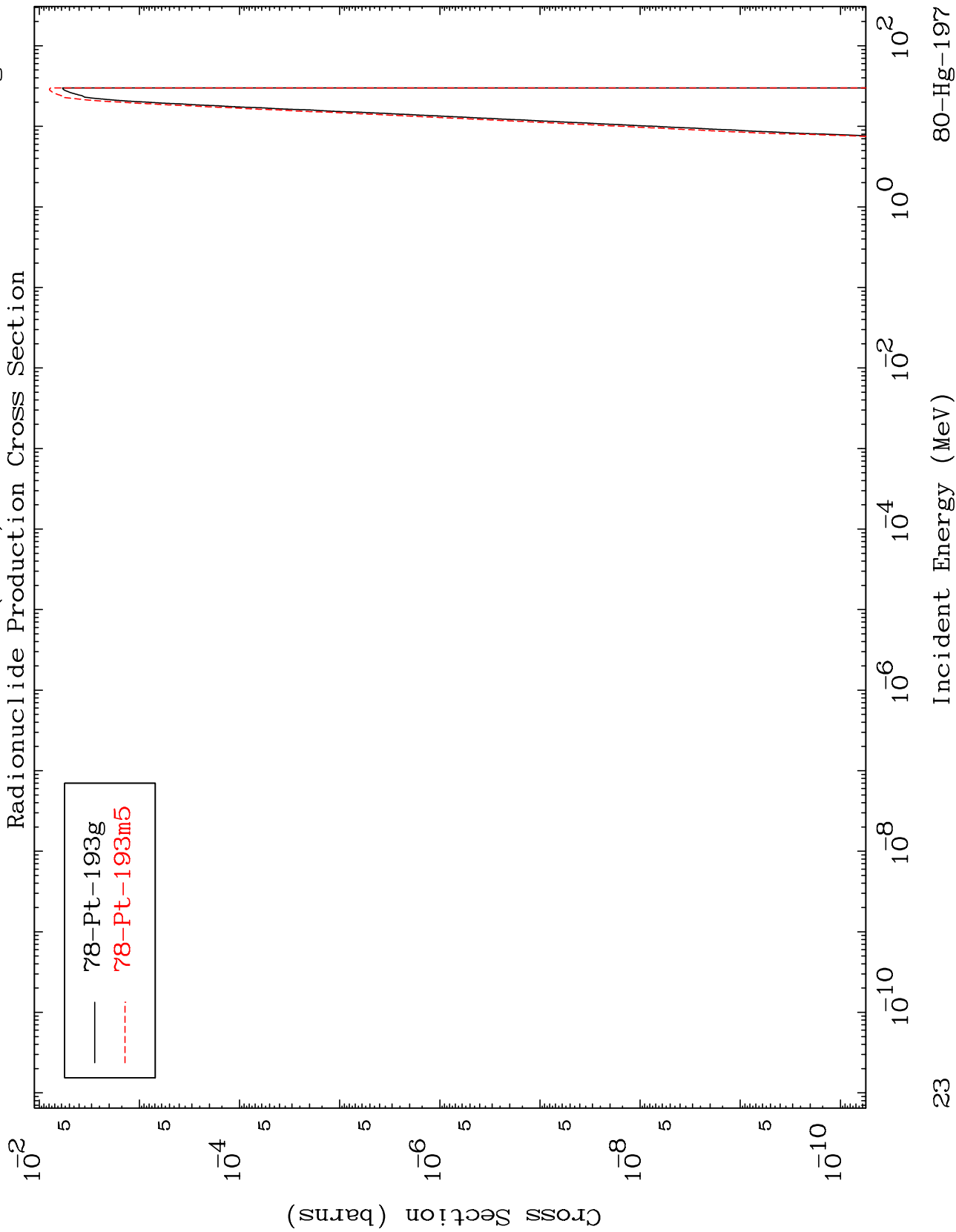
Incident Energy (MeV)

80-Hg-197

MAT 8029

$(n, n') \alpha$

80-Hg-197

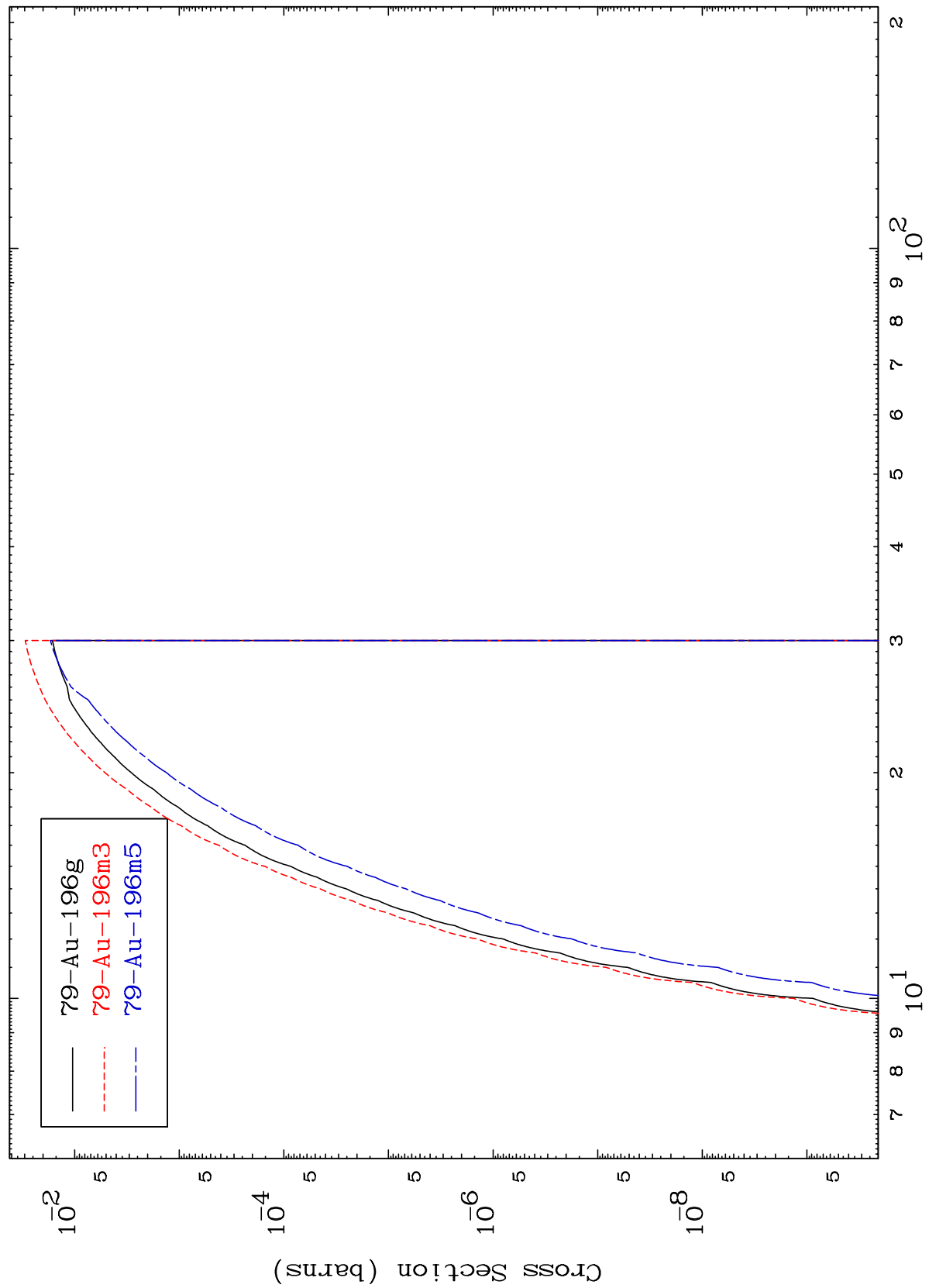


78-Pt-193g
78-Pt-193m5

MAT 8029

80-Hg-197

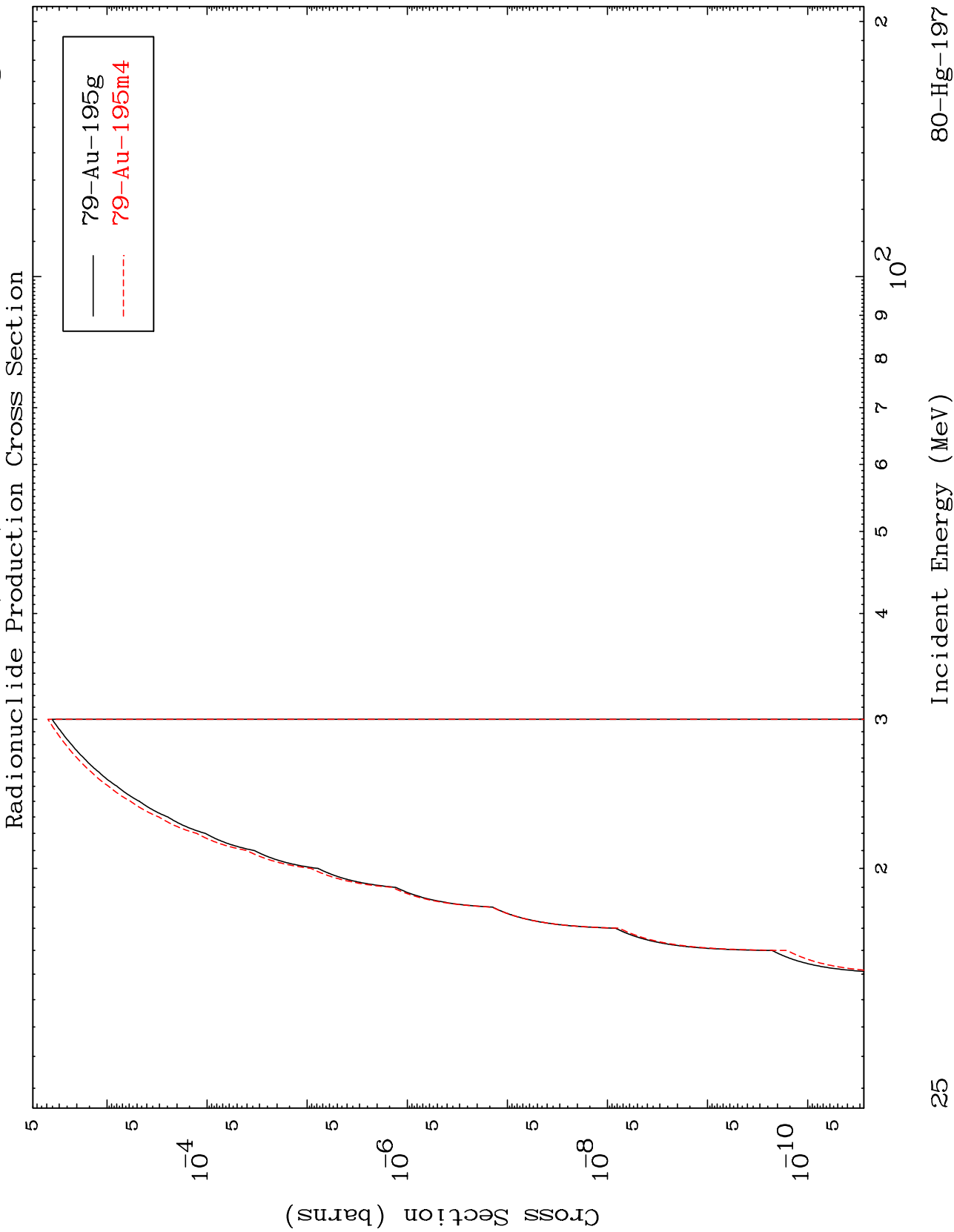
(n,n') p
Radionuclide Production Cross Section

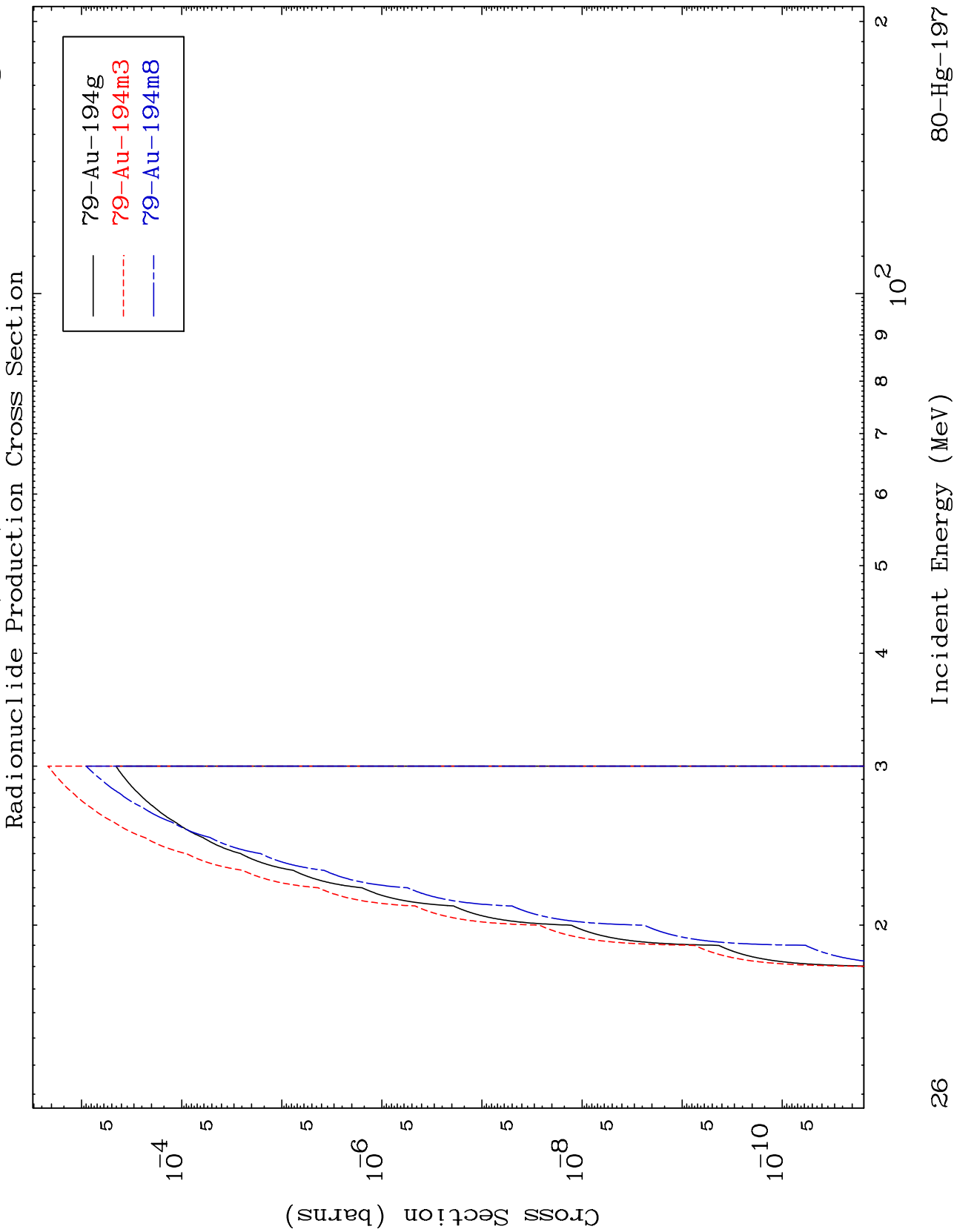


24

Incident Energy (MeV)

80-Hg-197



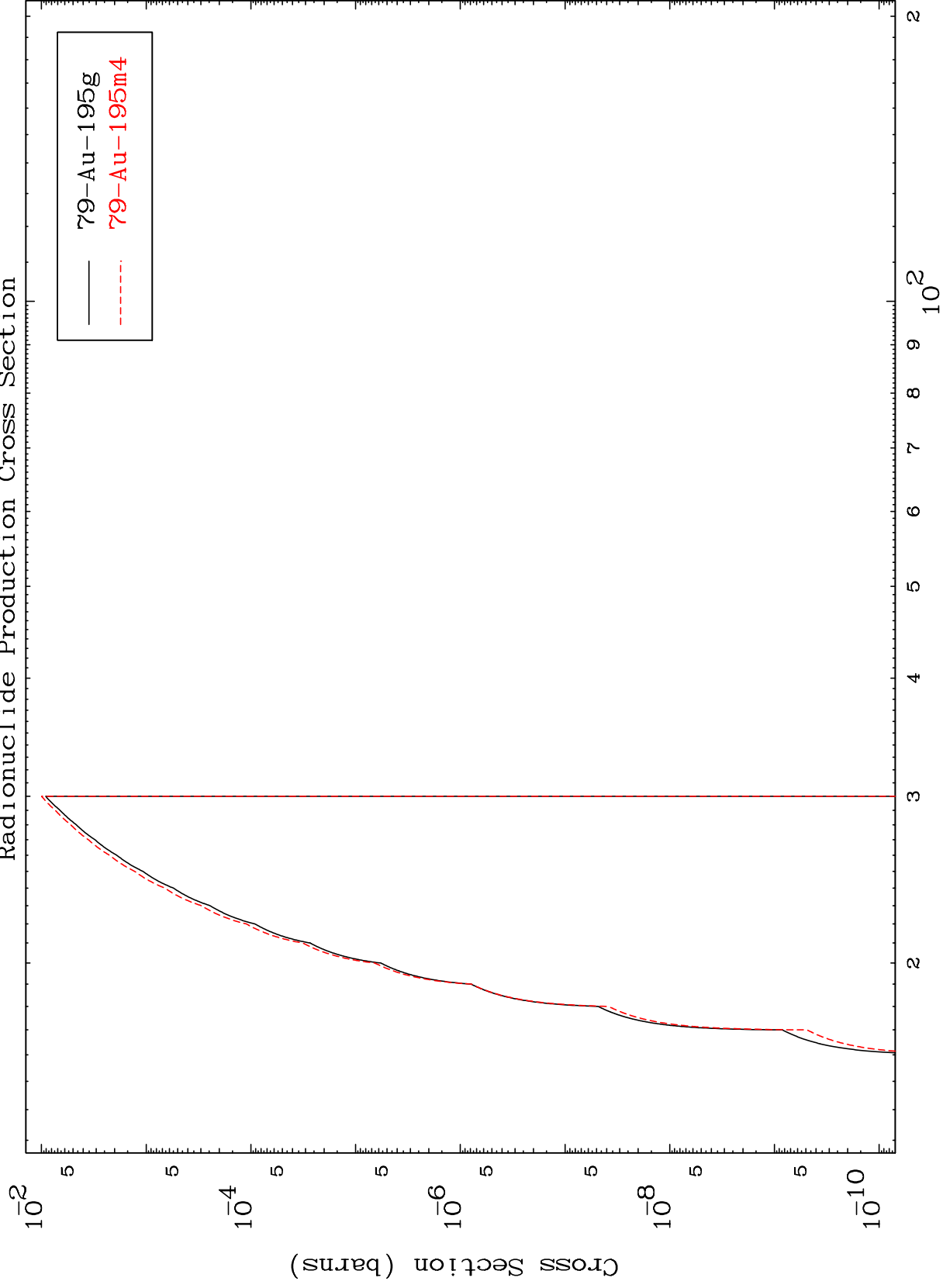


MAT 8029

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section

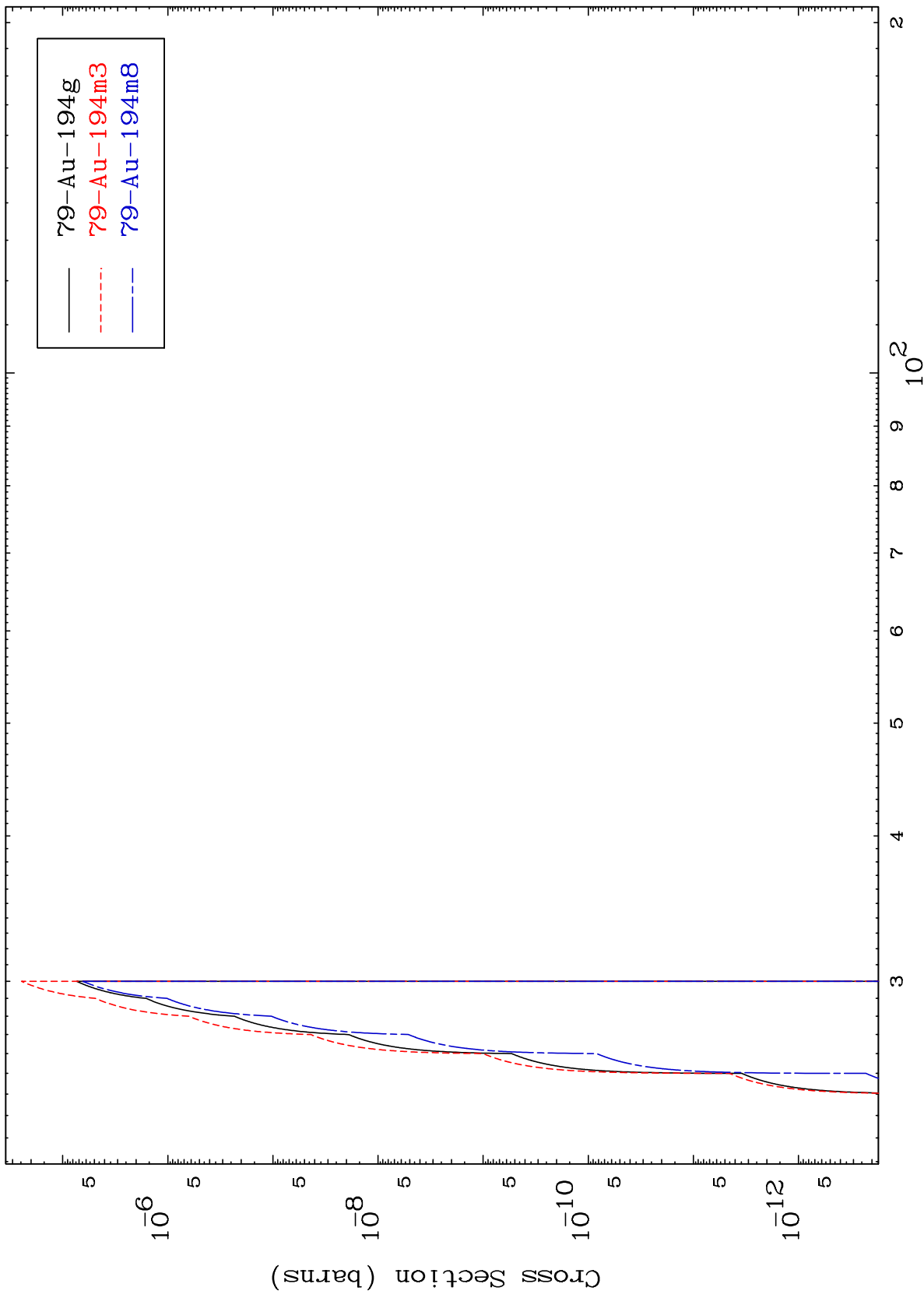


27

Incident Energy (MeV)

80-Hg-197

(n,3n) p
Radionuclide Production Cross Section

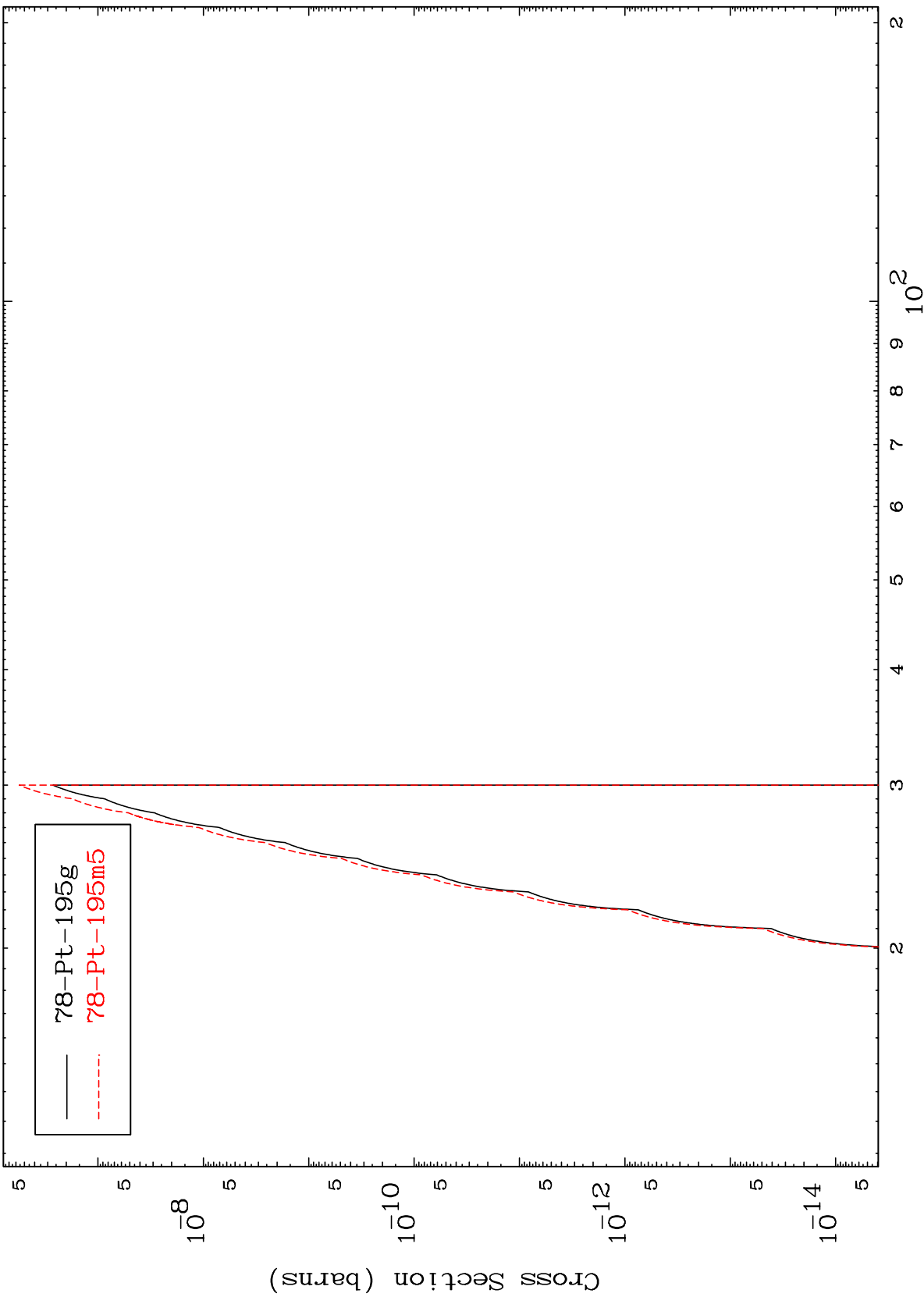


MAT 8029

(n,2n) p

80-Hg-197

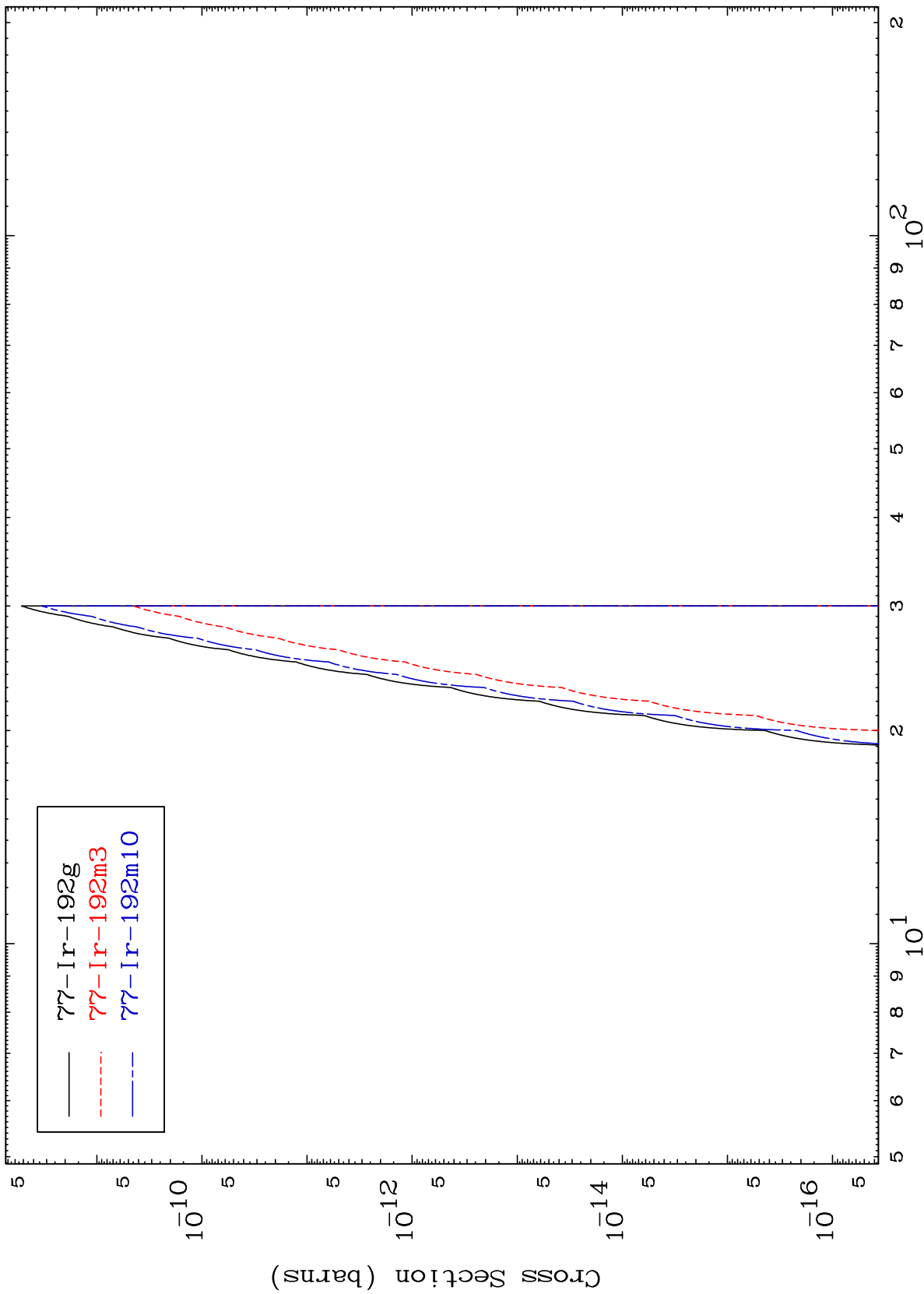
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

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



80-Hg-197

Incident Energy (MeV)

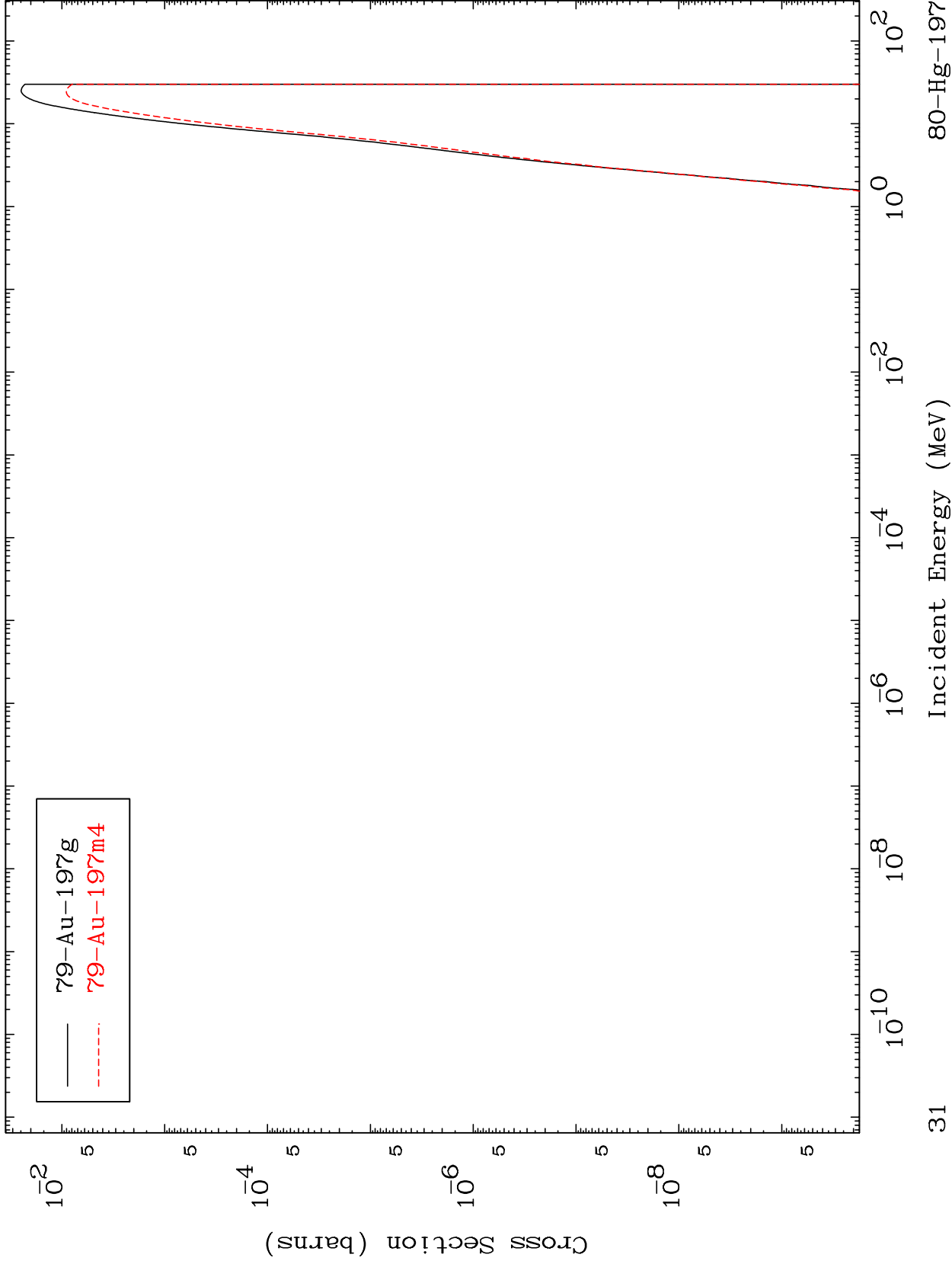
30

MAT 8029

(n,p)

80-Hg-197

Radionuclide Production Cross Section

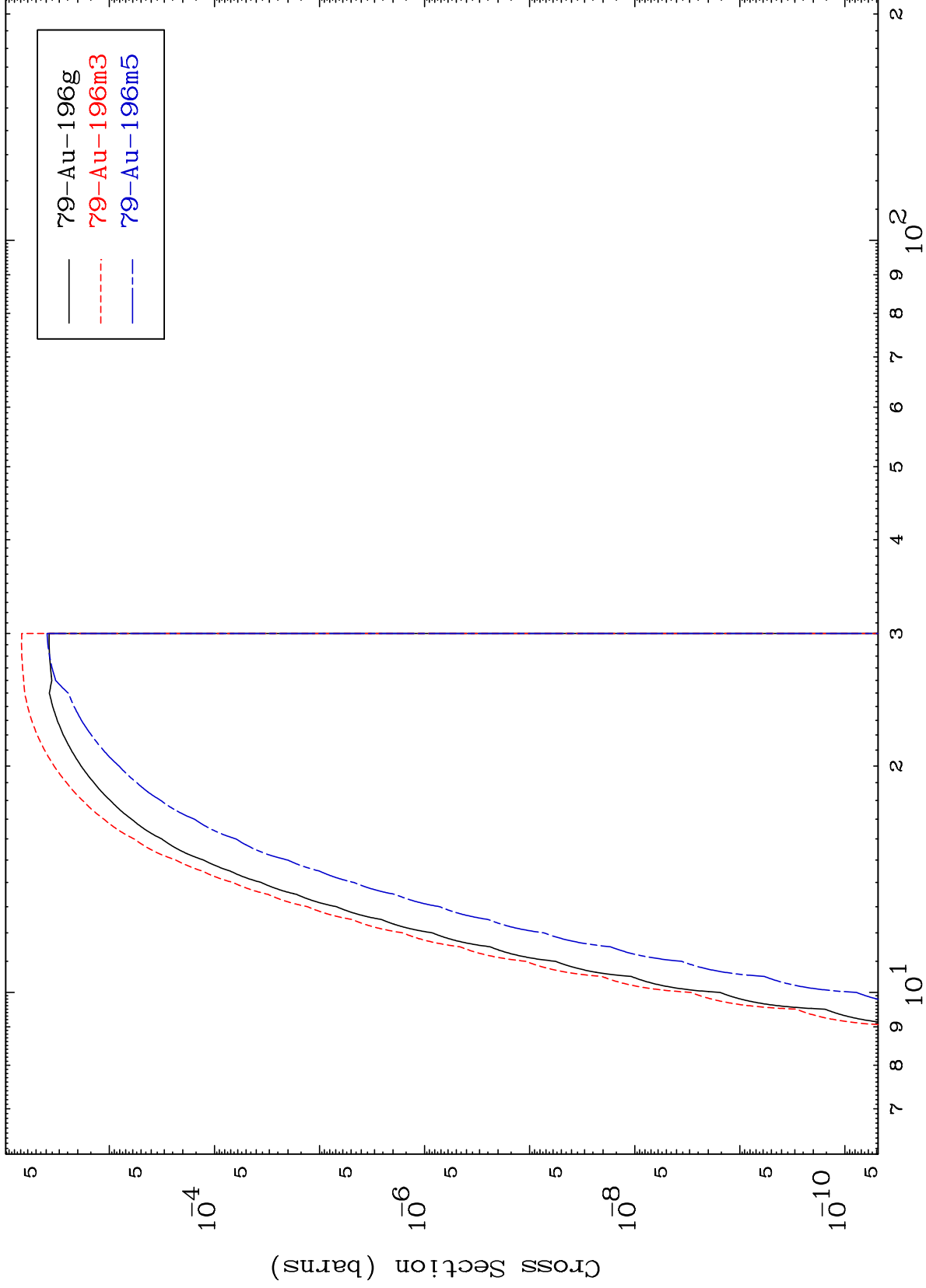


MAT 8029

(n,d)

80-Hg-197

Radionuclide Production Cross Section



32

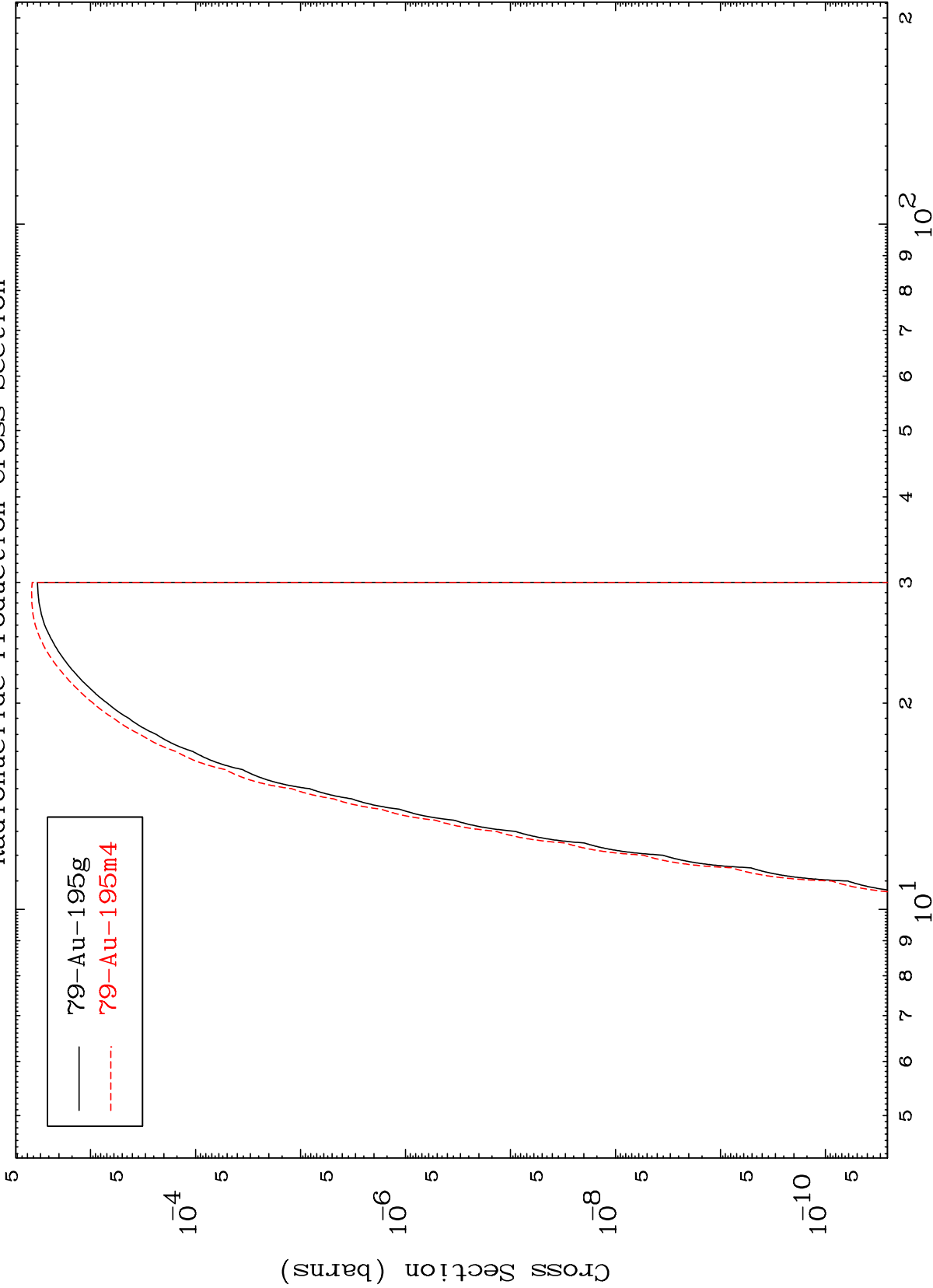
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-197

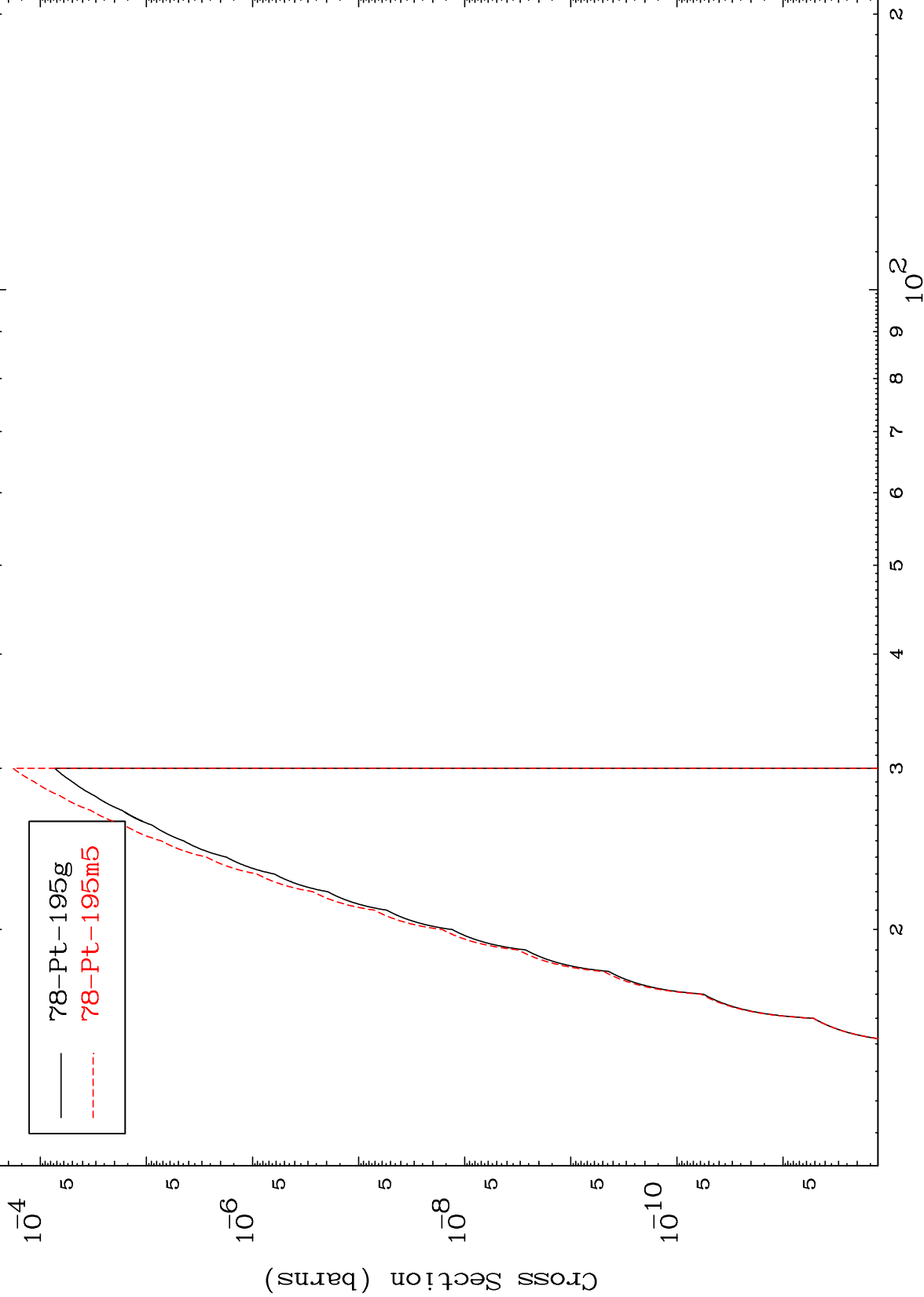
33

MAT 8029

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-197

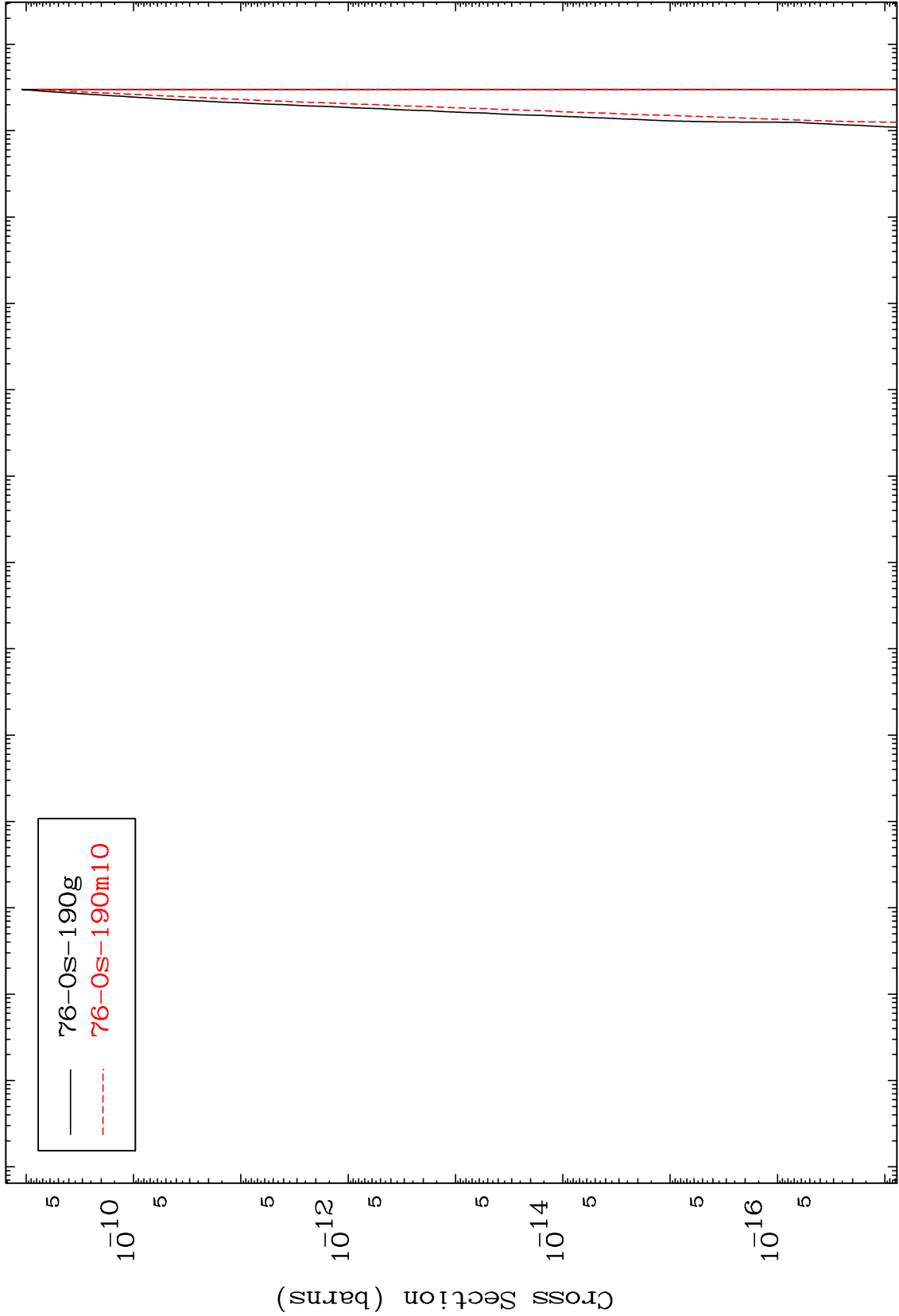
34

MAT 8029

(n,2α)

80-Hg-197

Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

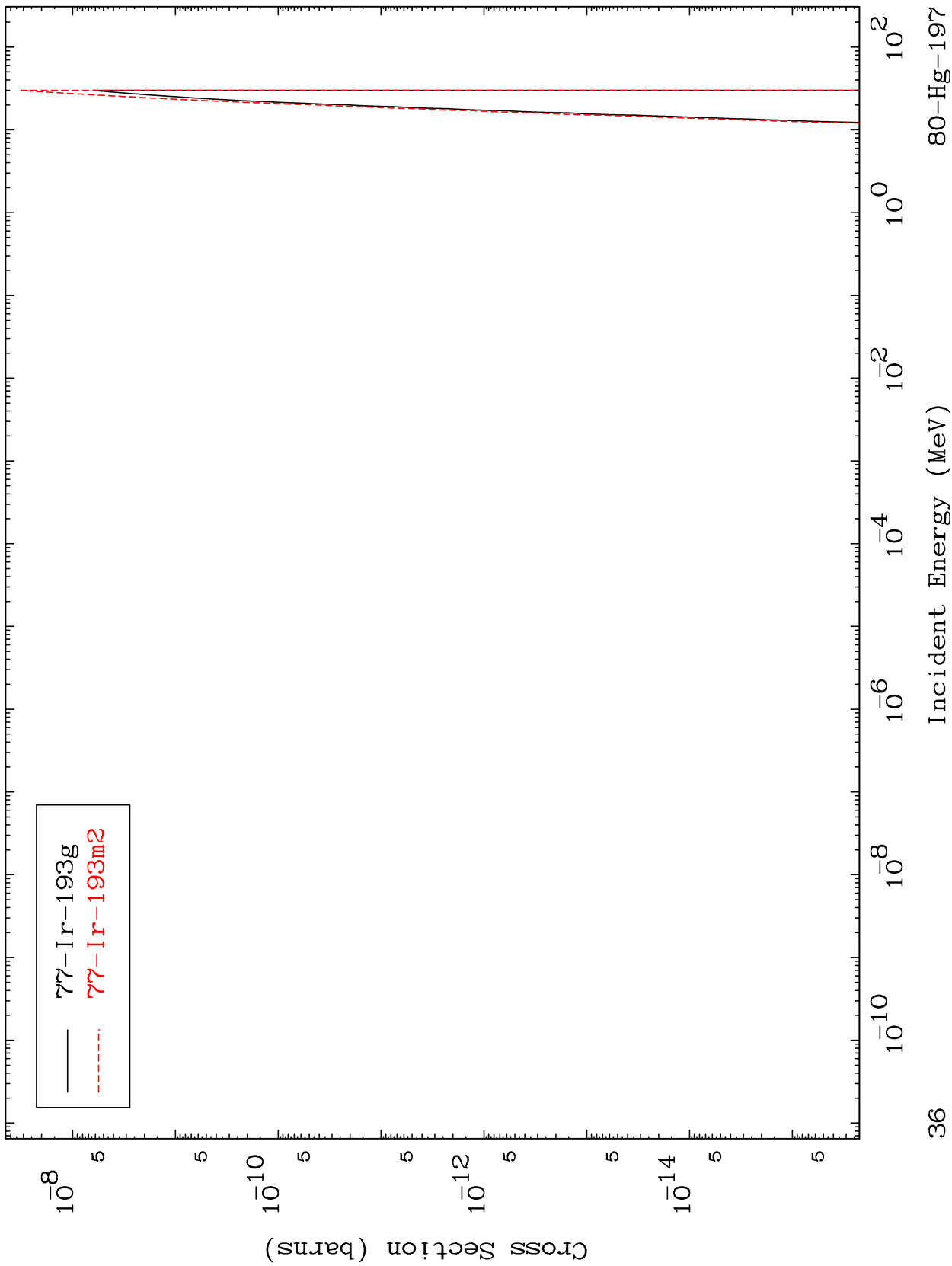
80-Hg-197

MAT 8029

(n,p) α

80-Hg-197

Radionuclide Production Cross Section



MAT 8029

(n,p) d

80-Hg-197

