

Program EVALPLOT
(Version 2021-1)

by

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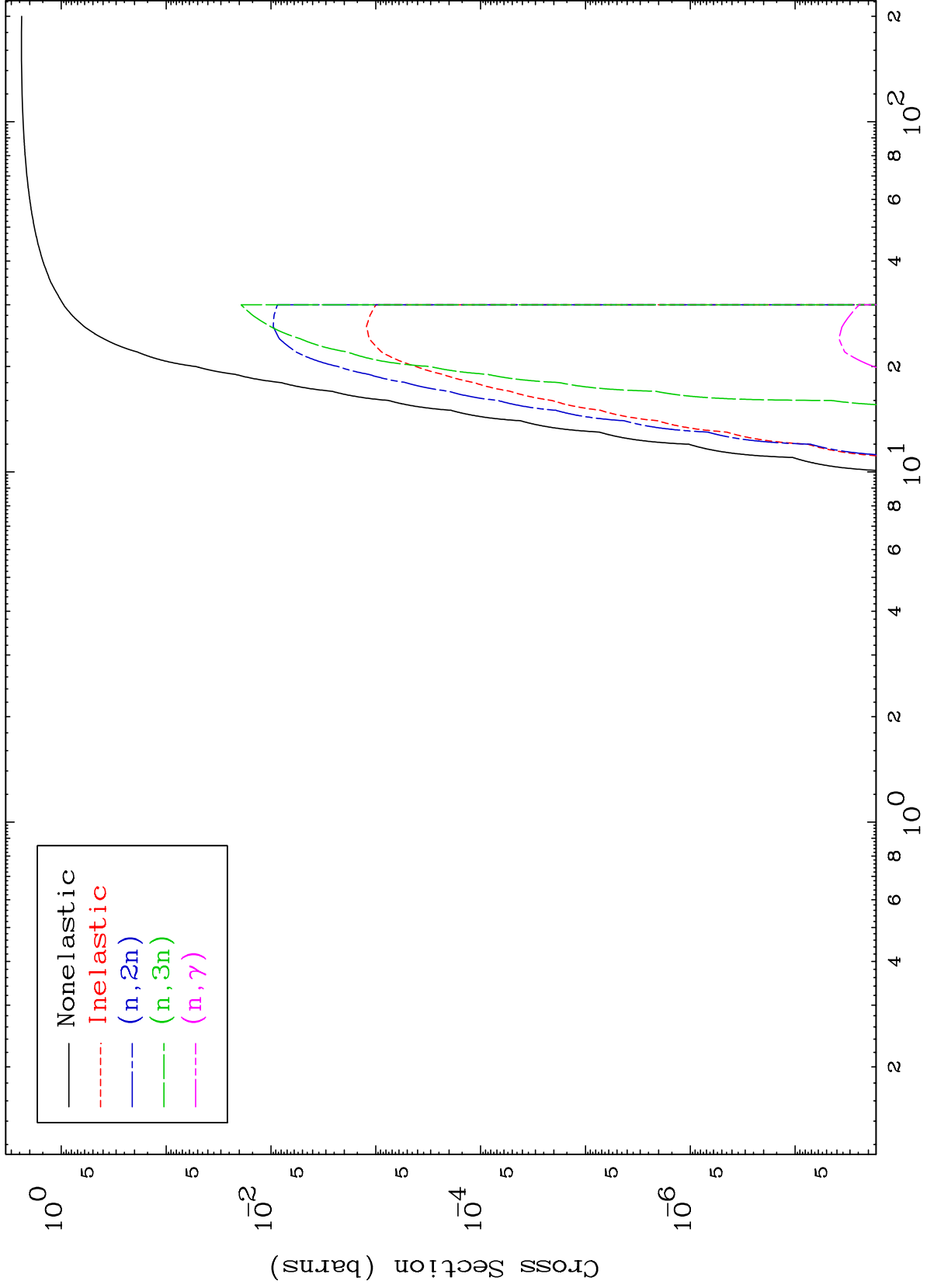
Press Mouse Button to Start

MAT 8028

He-3 Major

80-Hg-197

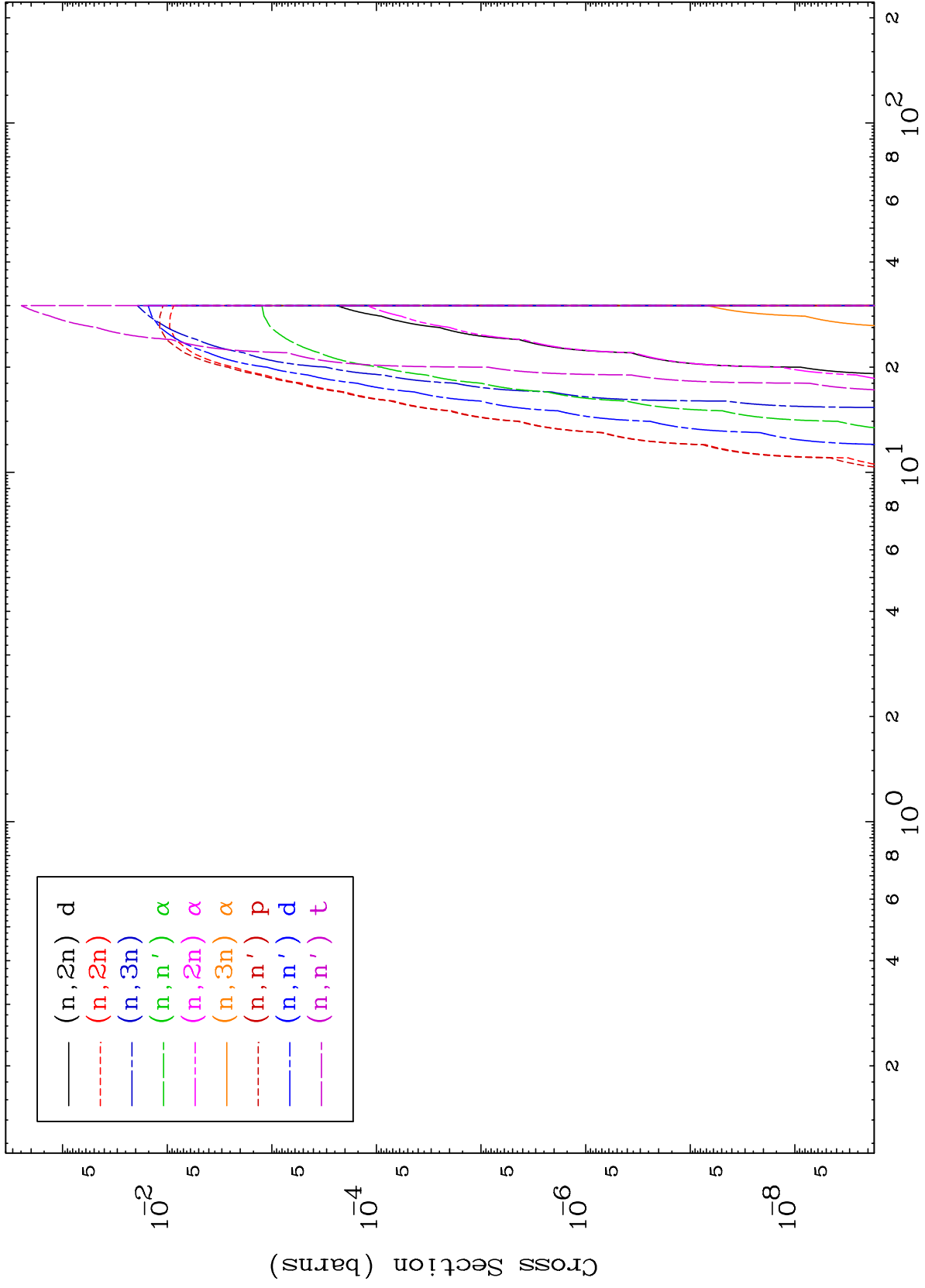
0 Kelvin Cross Sections

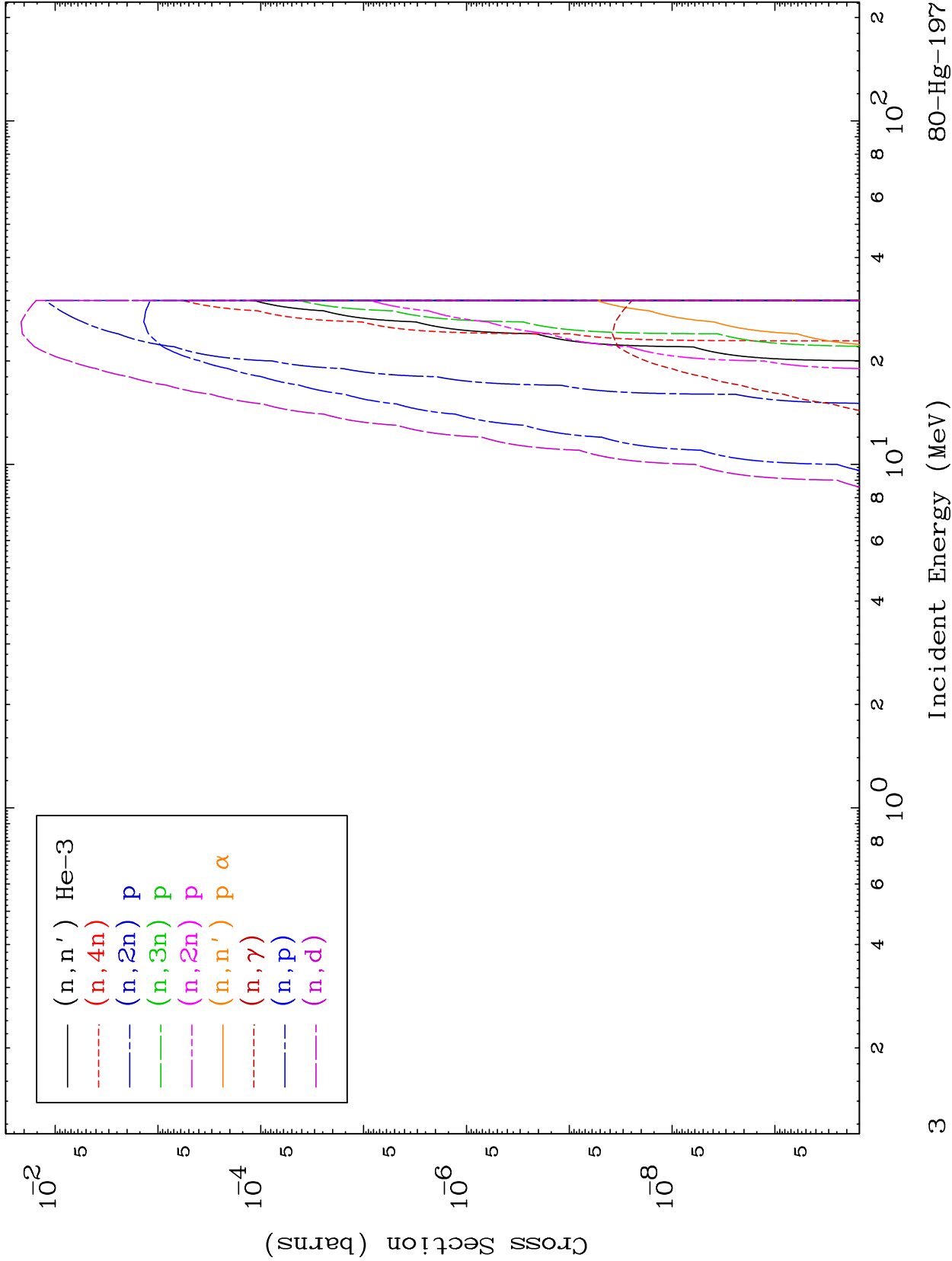


MAT 8028

He-3 Neutron Absorption
0 Kelvin Cross Sections

80-Hg-197

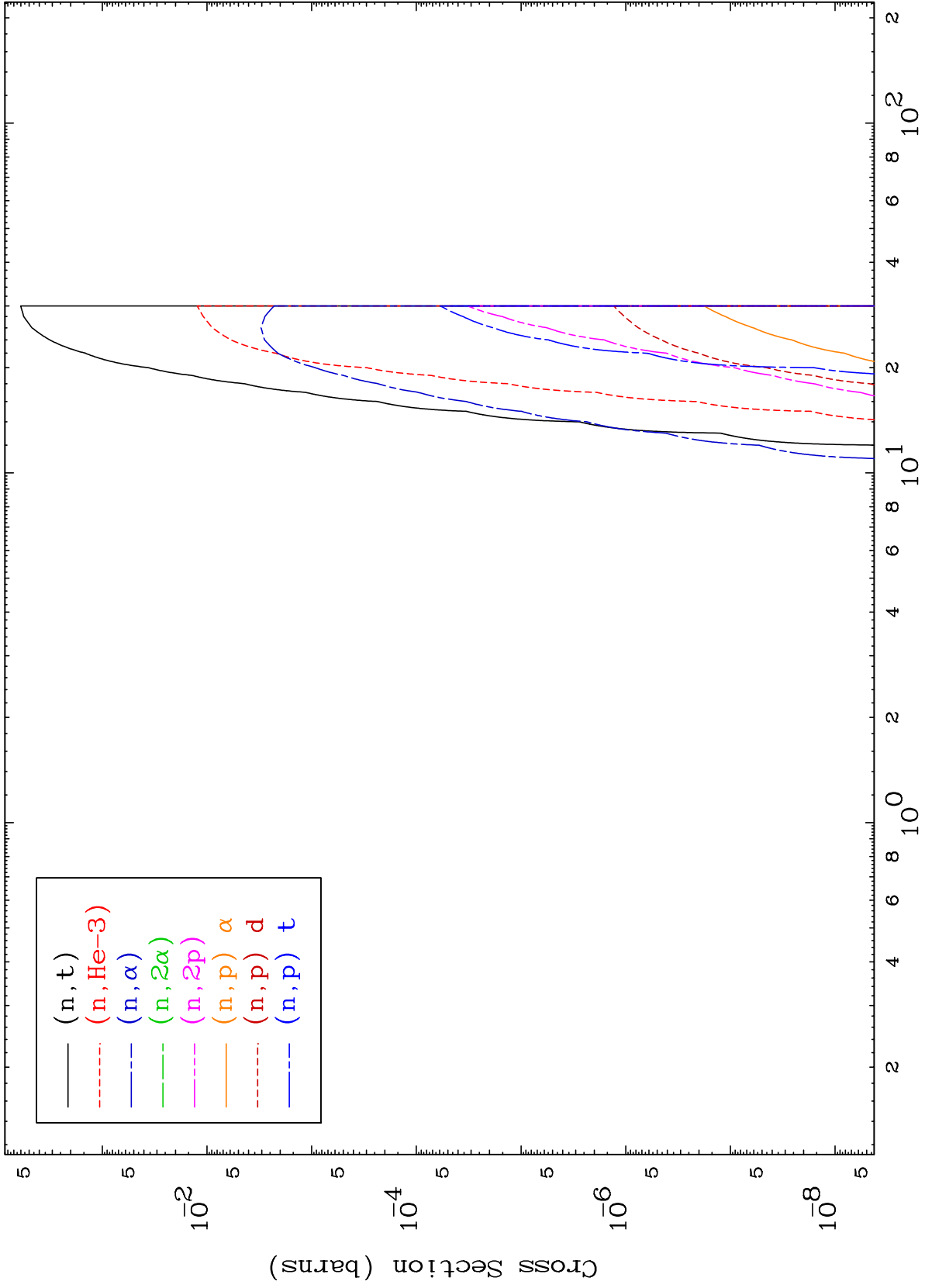


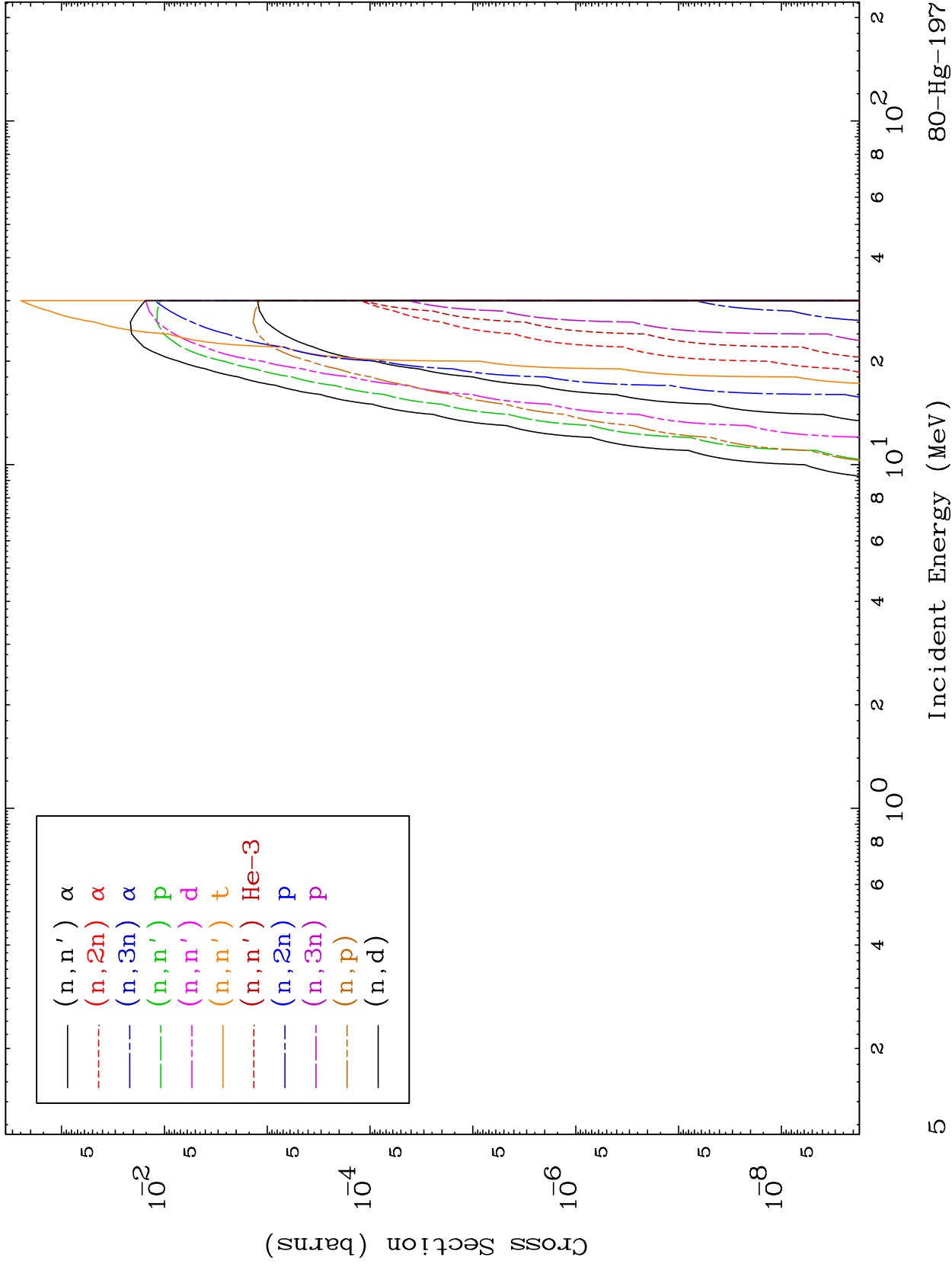


MAT 8028

He-3 Neutron Absorption
0 Kelvin Cross Sections

80-Hg-197

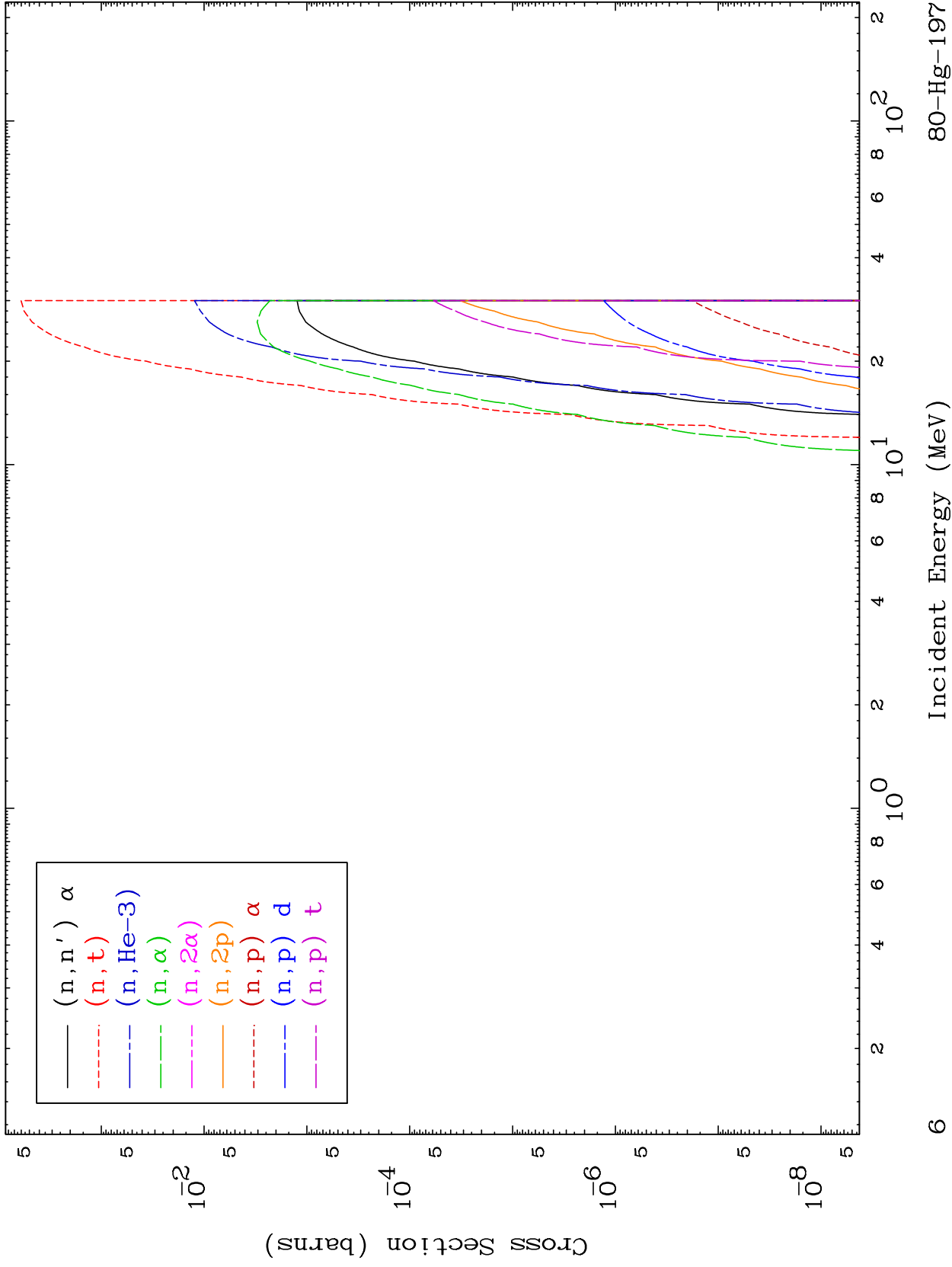




MAT 8028

He-3 Charged Particle
0 Kelvin Cross Sections

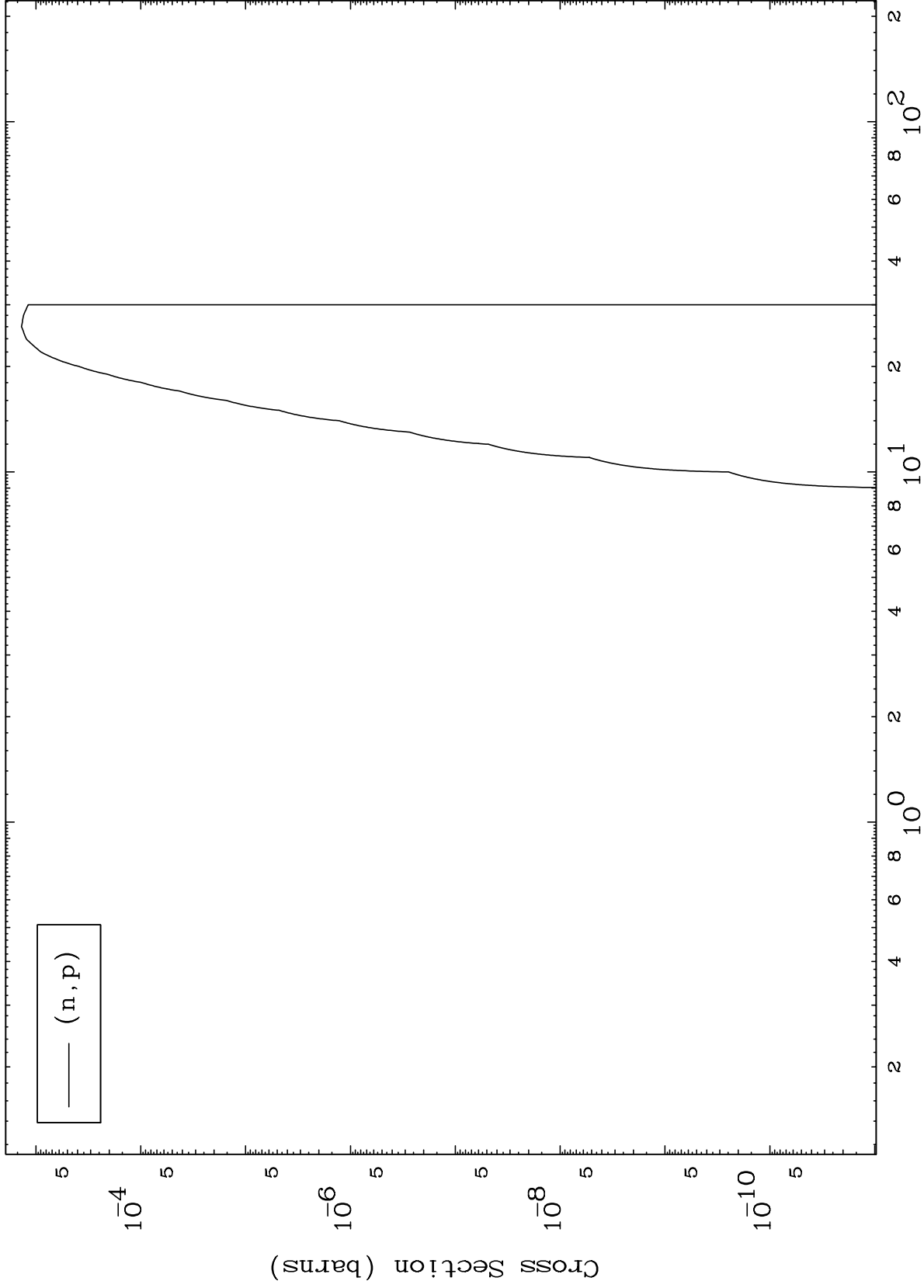
80-Hg-197



MAT 8028

(He-3,p) Levels
0 Kelvin Cross Sections

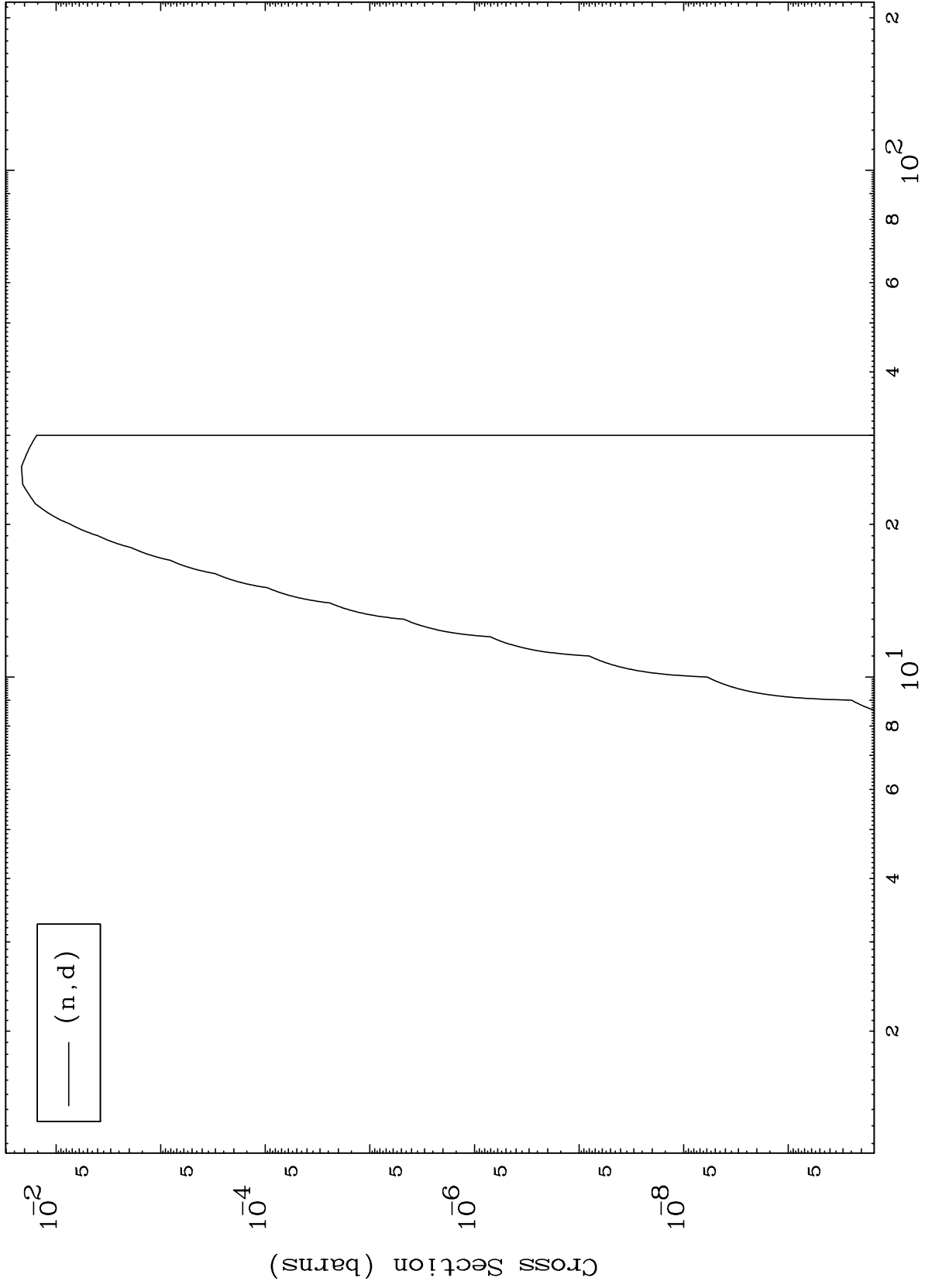
80-Hg-197



MAT 8028

(He-3,d) Levels
0 Kelvin Cross Sections

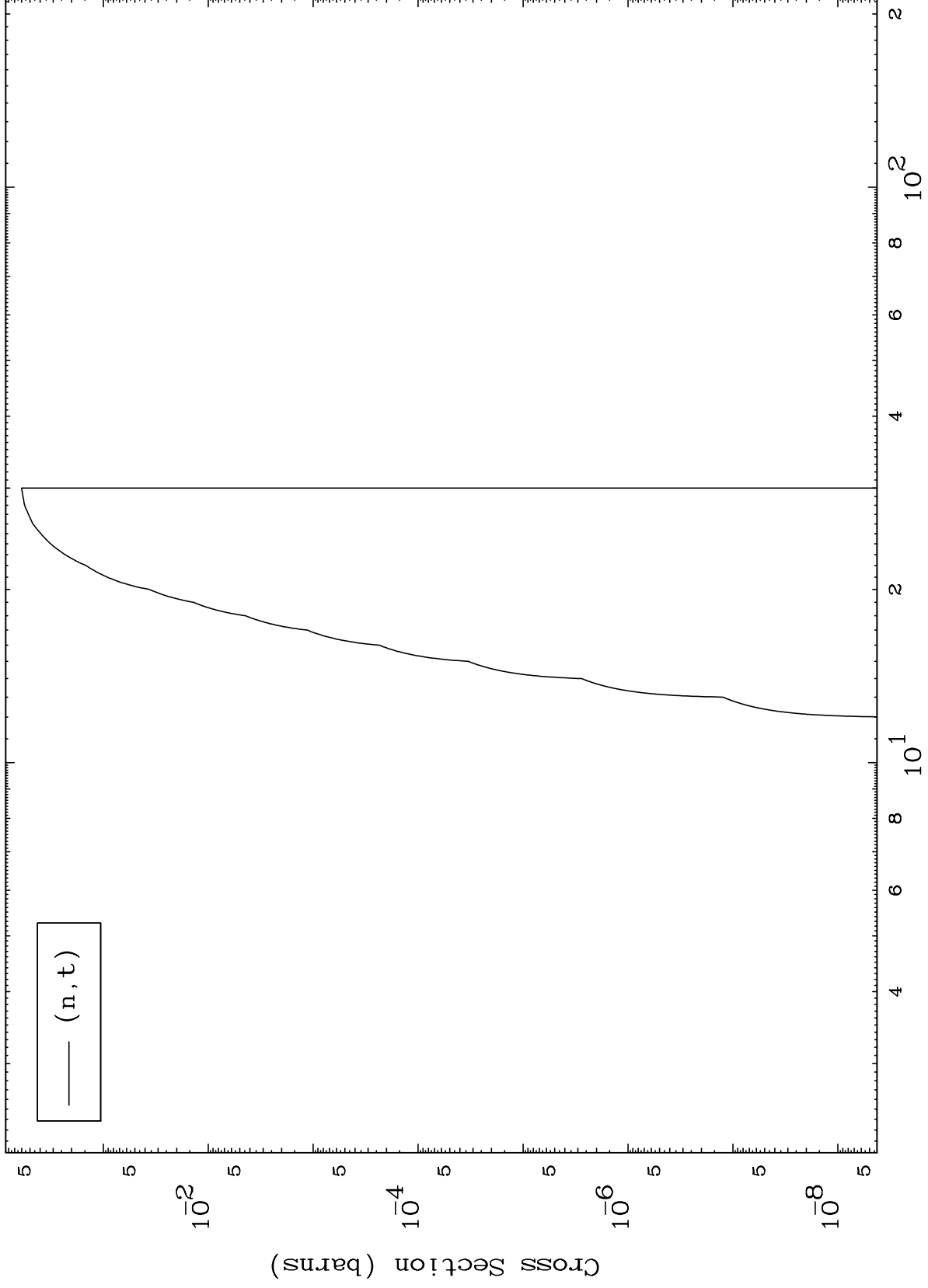
80-Hg-197



MAT 8028

(He-3,t) Levels
0 Kelvin Cross Sections

80-Hg-197



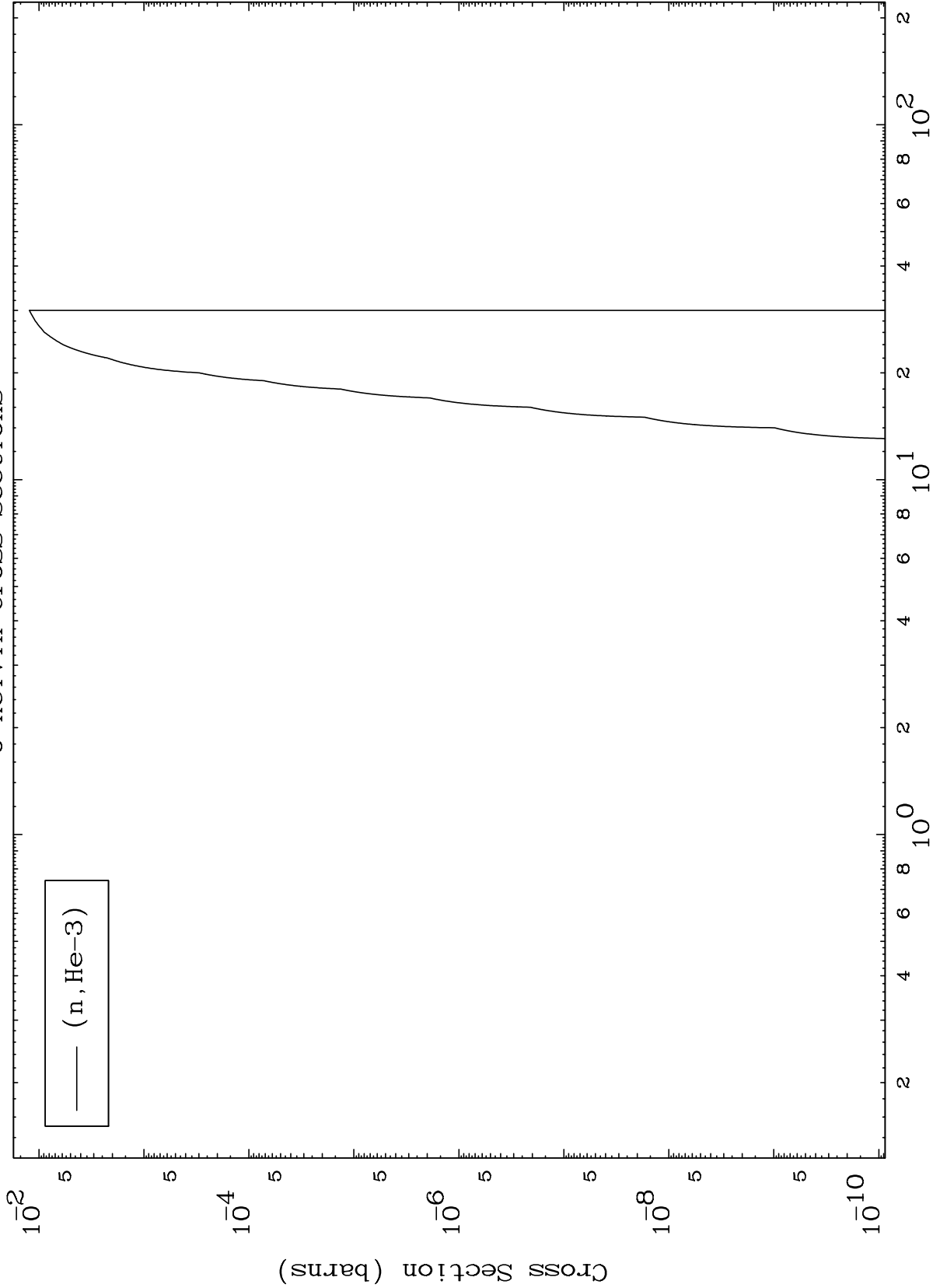
(n, t)

MAT 8028

(He-3, He3) Levels

80-Hg-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

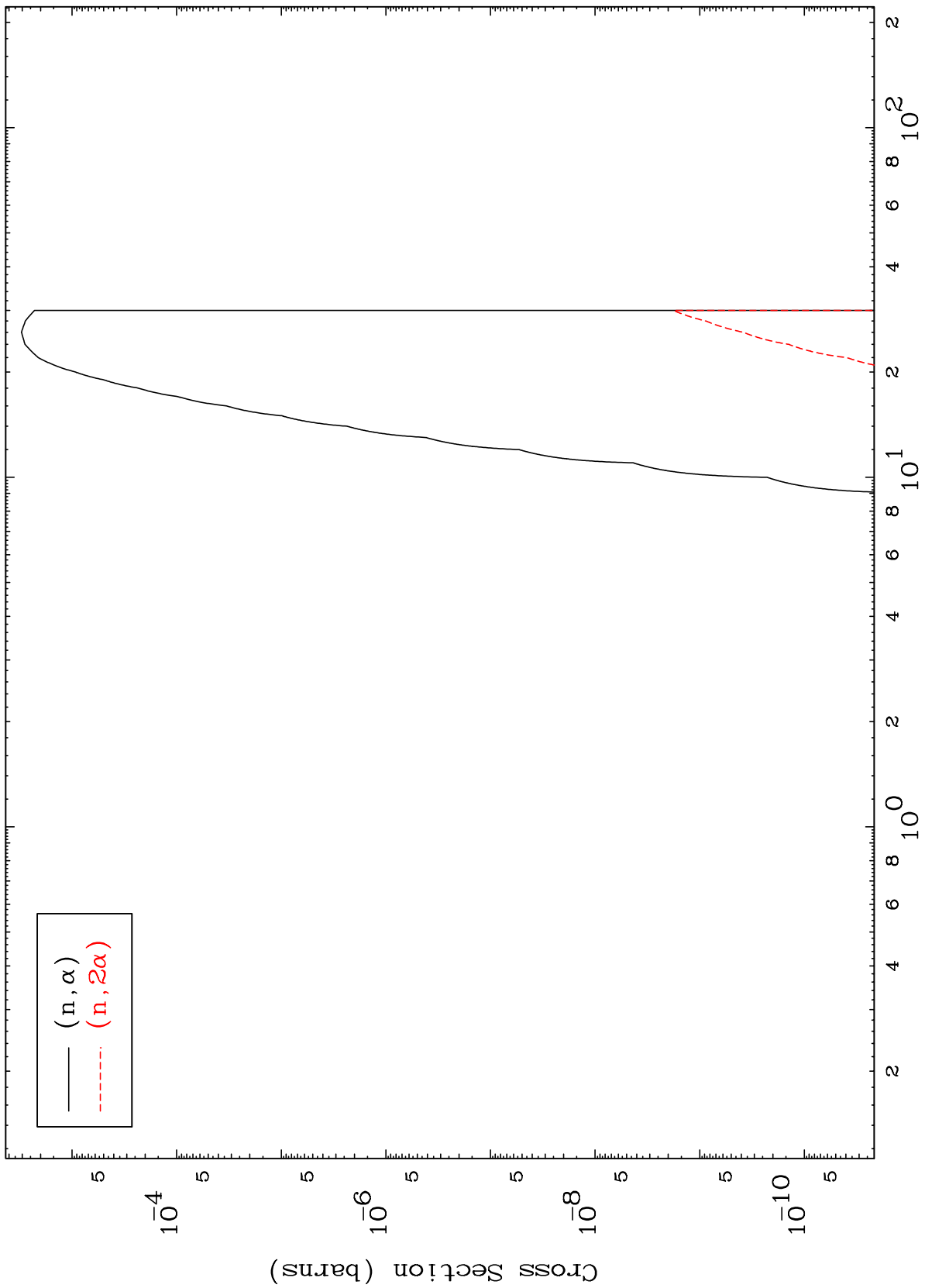
80-Hg-197

MAT 8028

(He-3, α) Levels

80-Hg-197

0 Kelvin Cross Sections

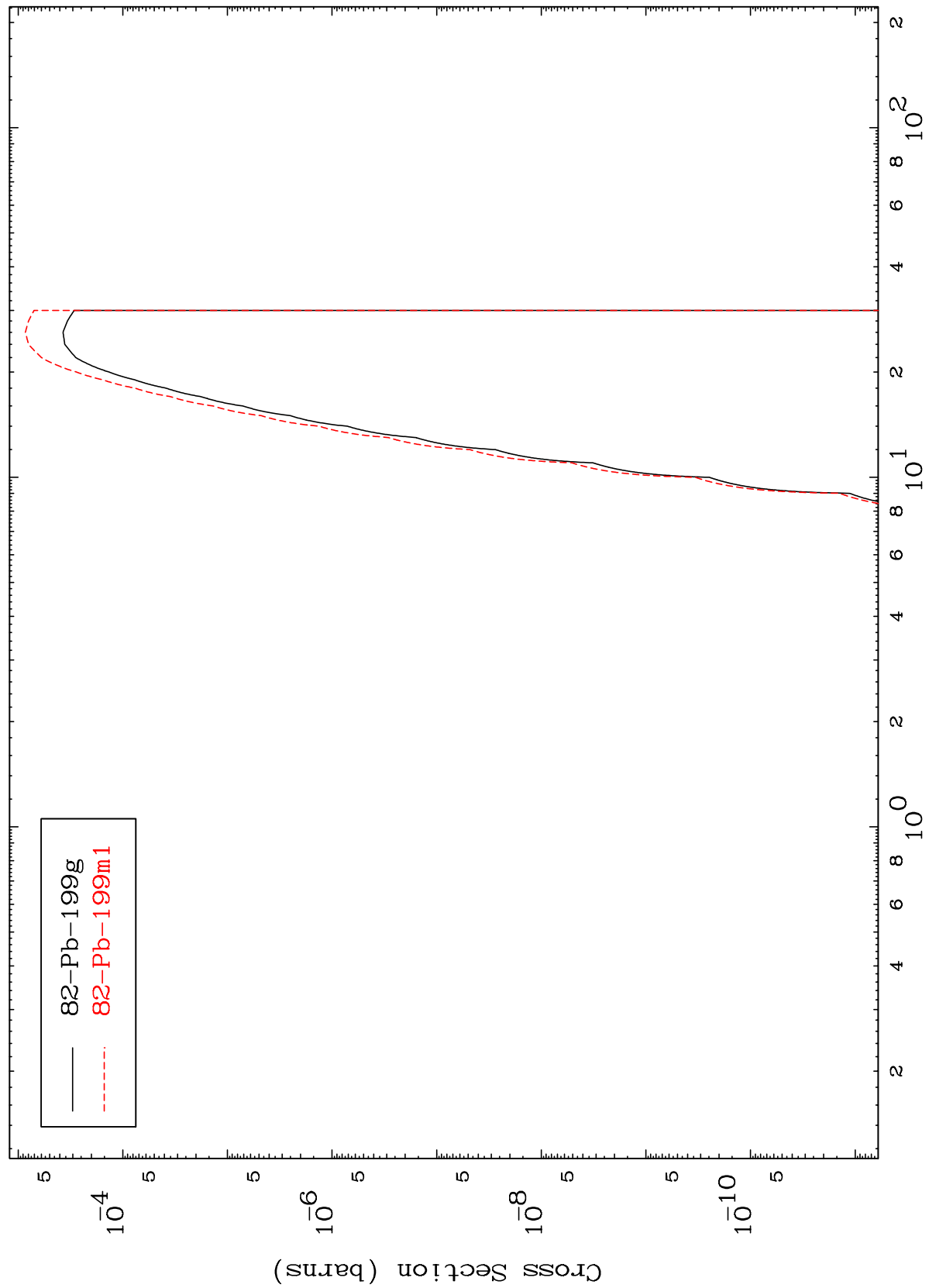


— (n, α)
- - - $(n, 2\alpha)$

MAT 8028

80-Hg-197

Inelastic
Radionuclide Production Cross Section



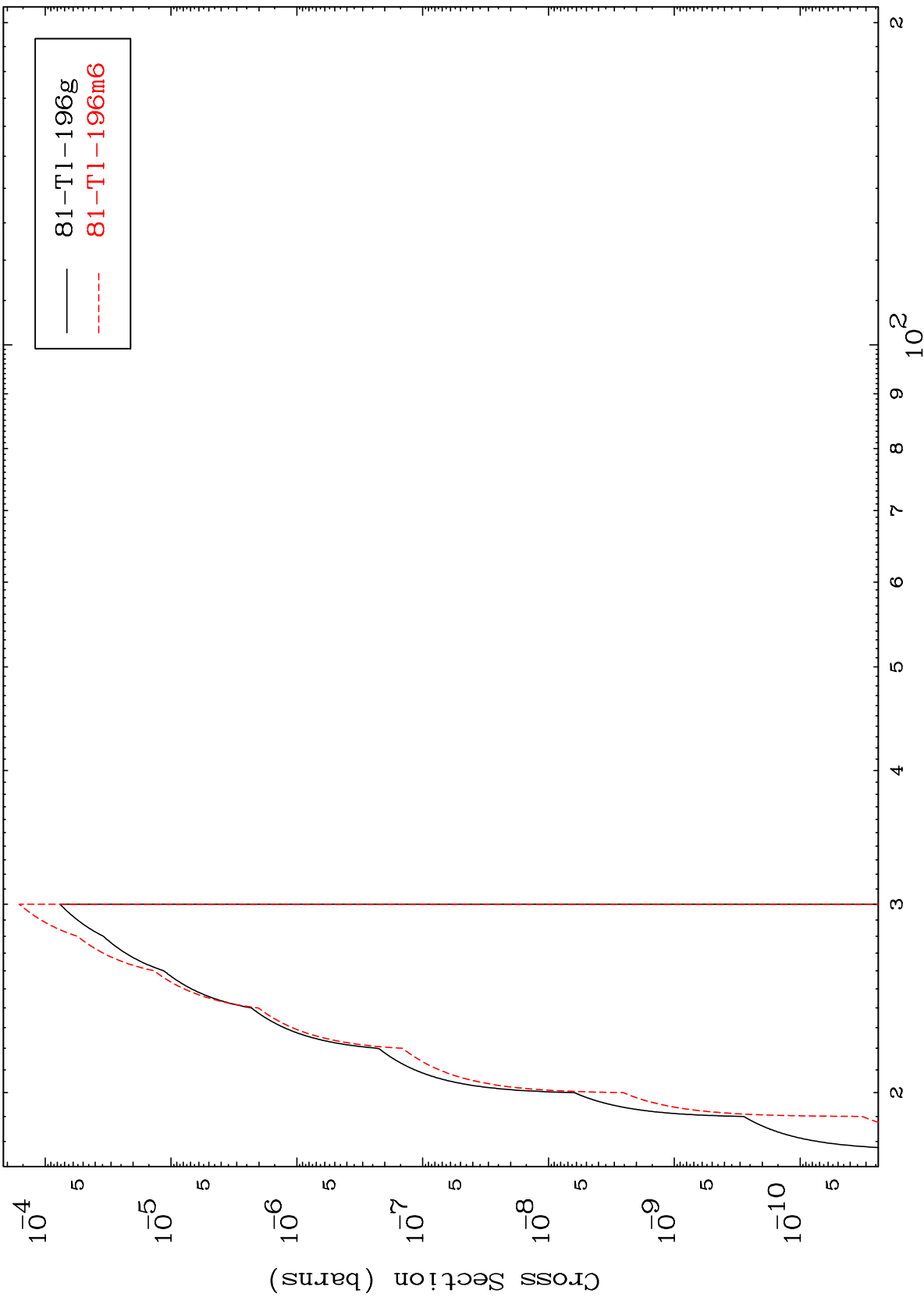
82-Pb-199g
82-Pb-199m1

80-Hg-197

Incident Energy (MeV)

12

Radionuclide Production Cross Section

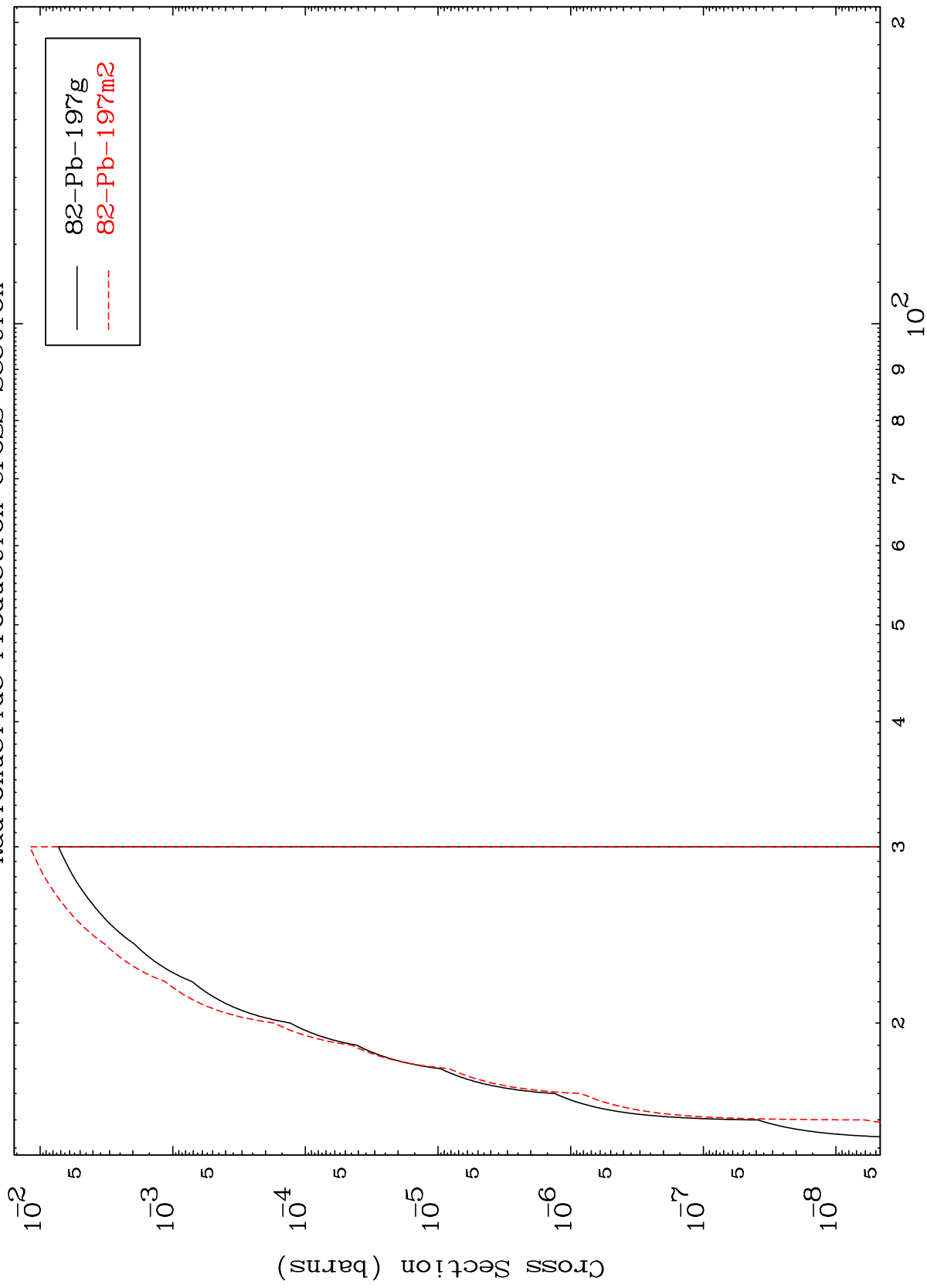


81-Tl-196g
81-Tl-196m6

MAT 8028

80-Hg-197

(n,3n)
Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

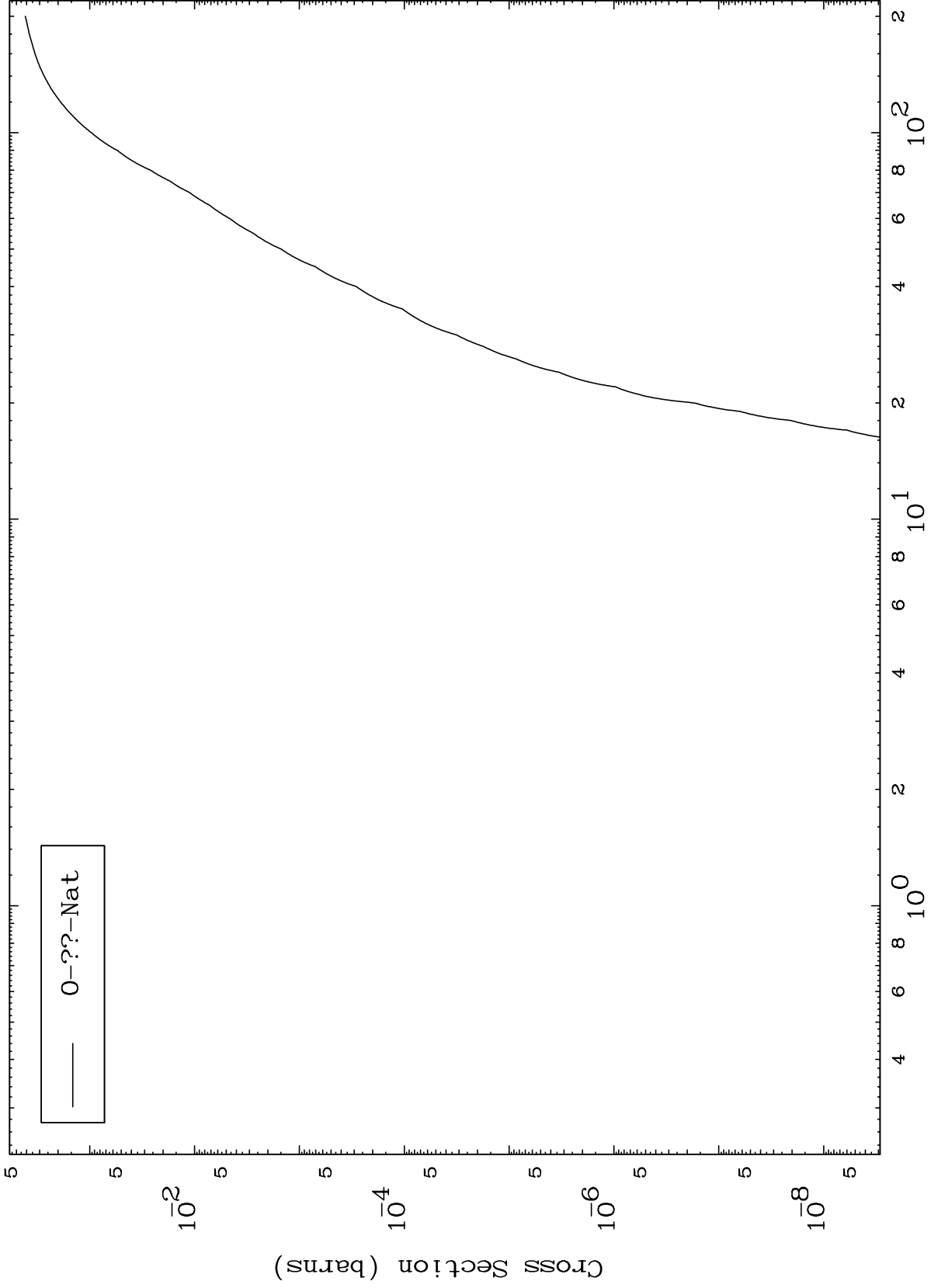
14

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section

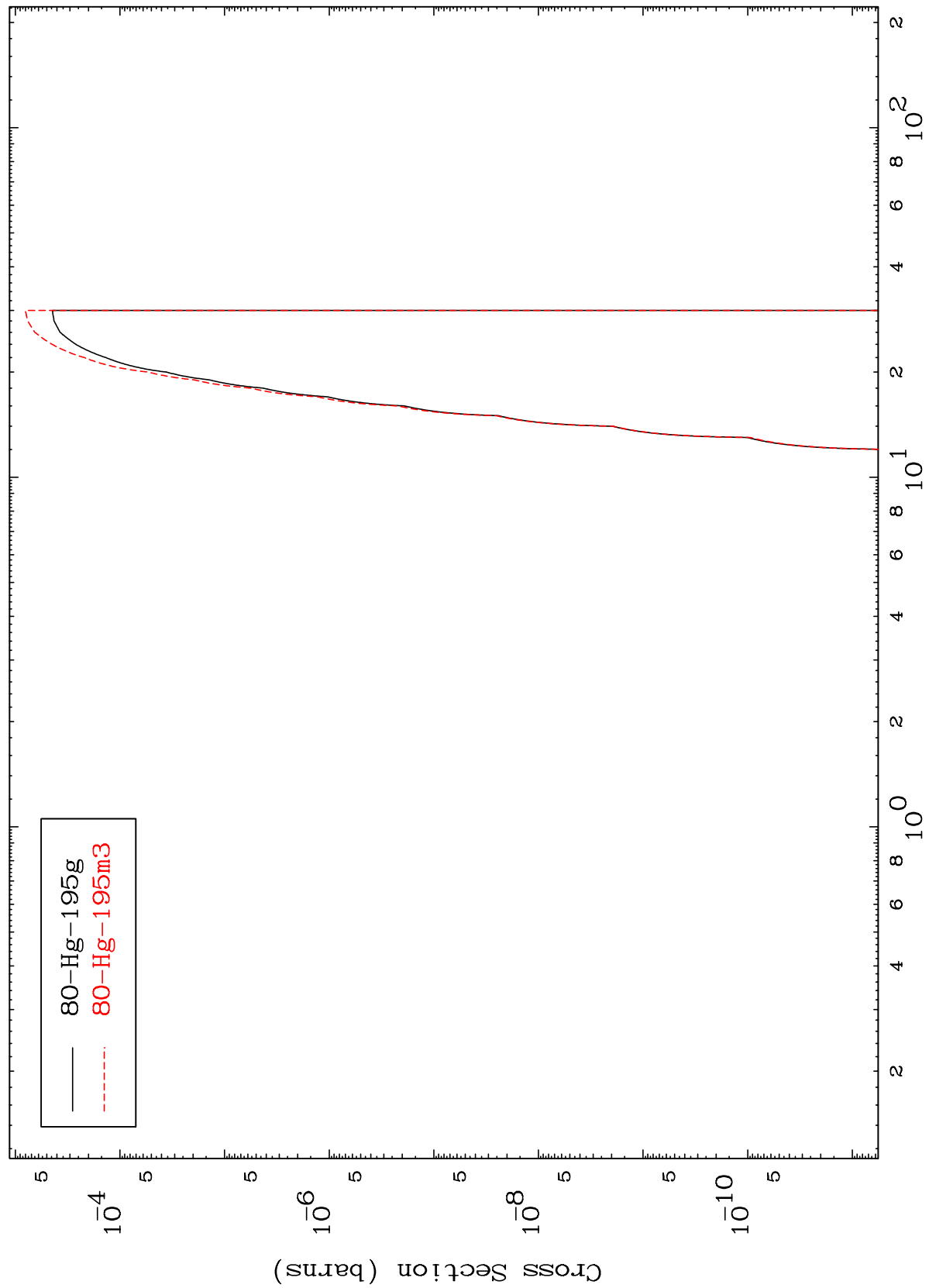


MAT 8028

(n,n') α

80-Hg-197

Radionuclide Production Cross Section



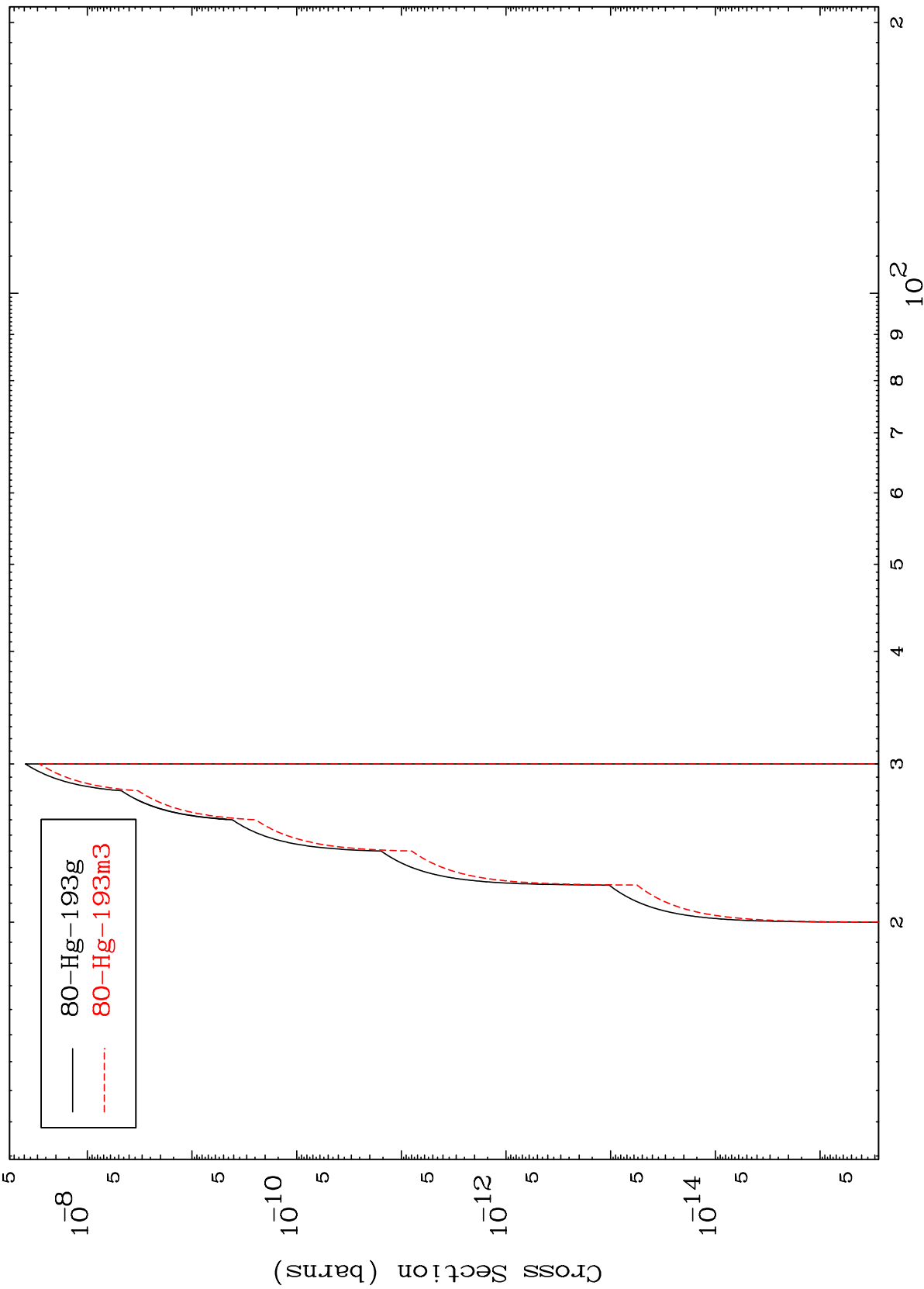
80-Hg-195g
80-Hg-195m3

MAT 8028

(n,3n) α

80-Hg-197

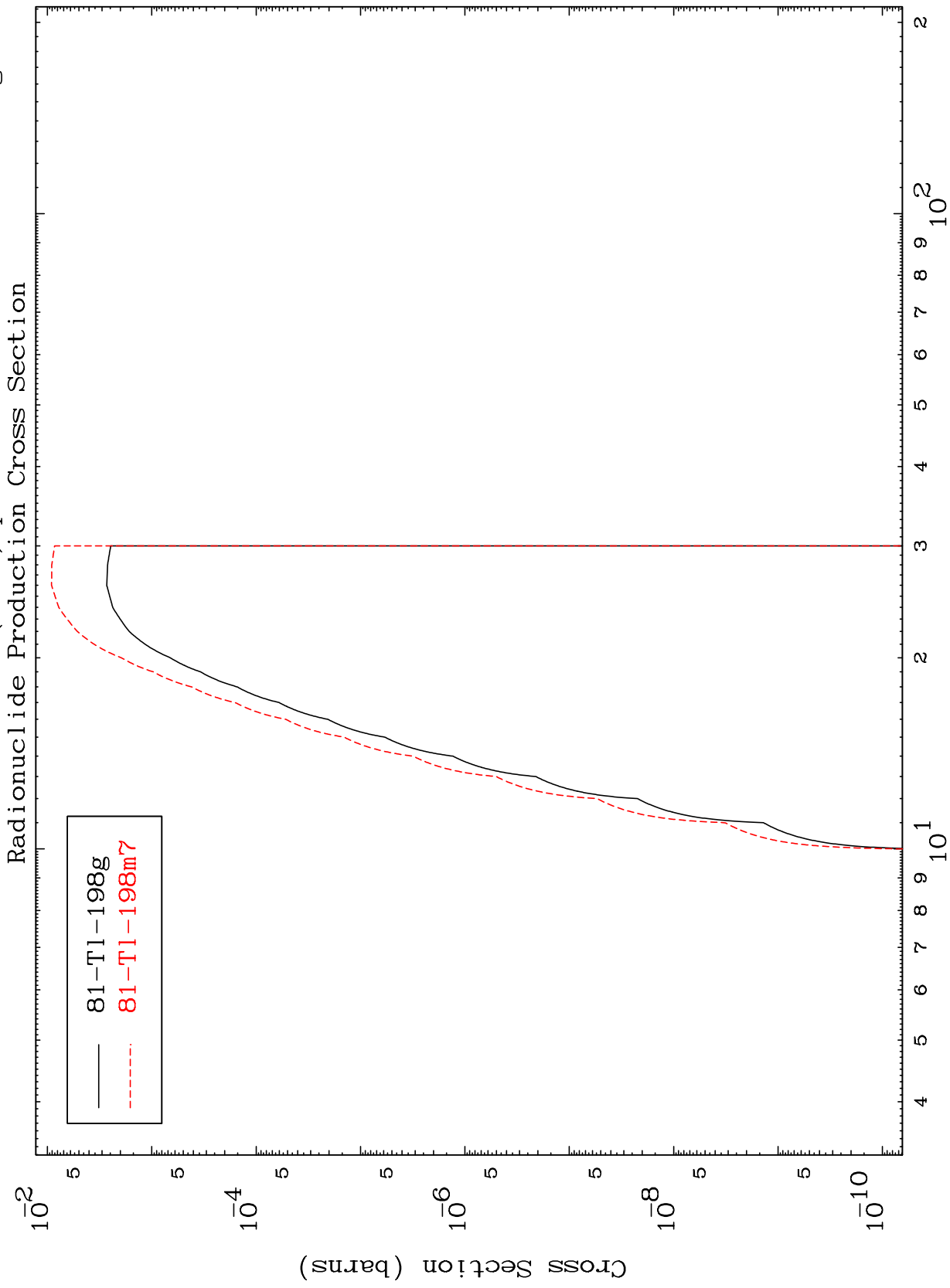
Radionuclide Production Cross Section



MAT 8028

(n,n') p

80-Hg-197



18

Incident Energy (MeV)

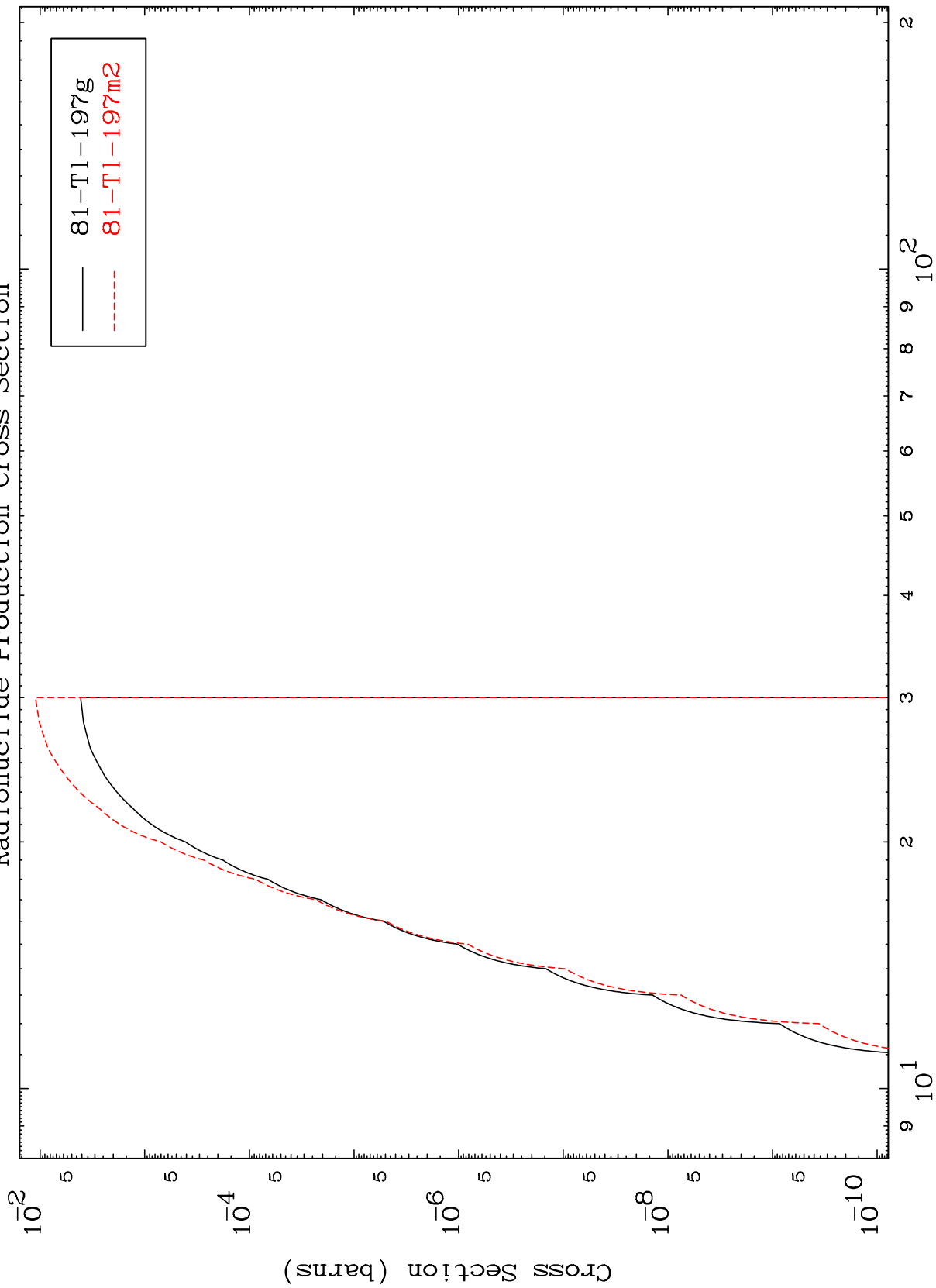
80-Hg-197

MAT 8028

(n,n') d

80-Hg-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

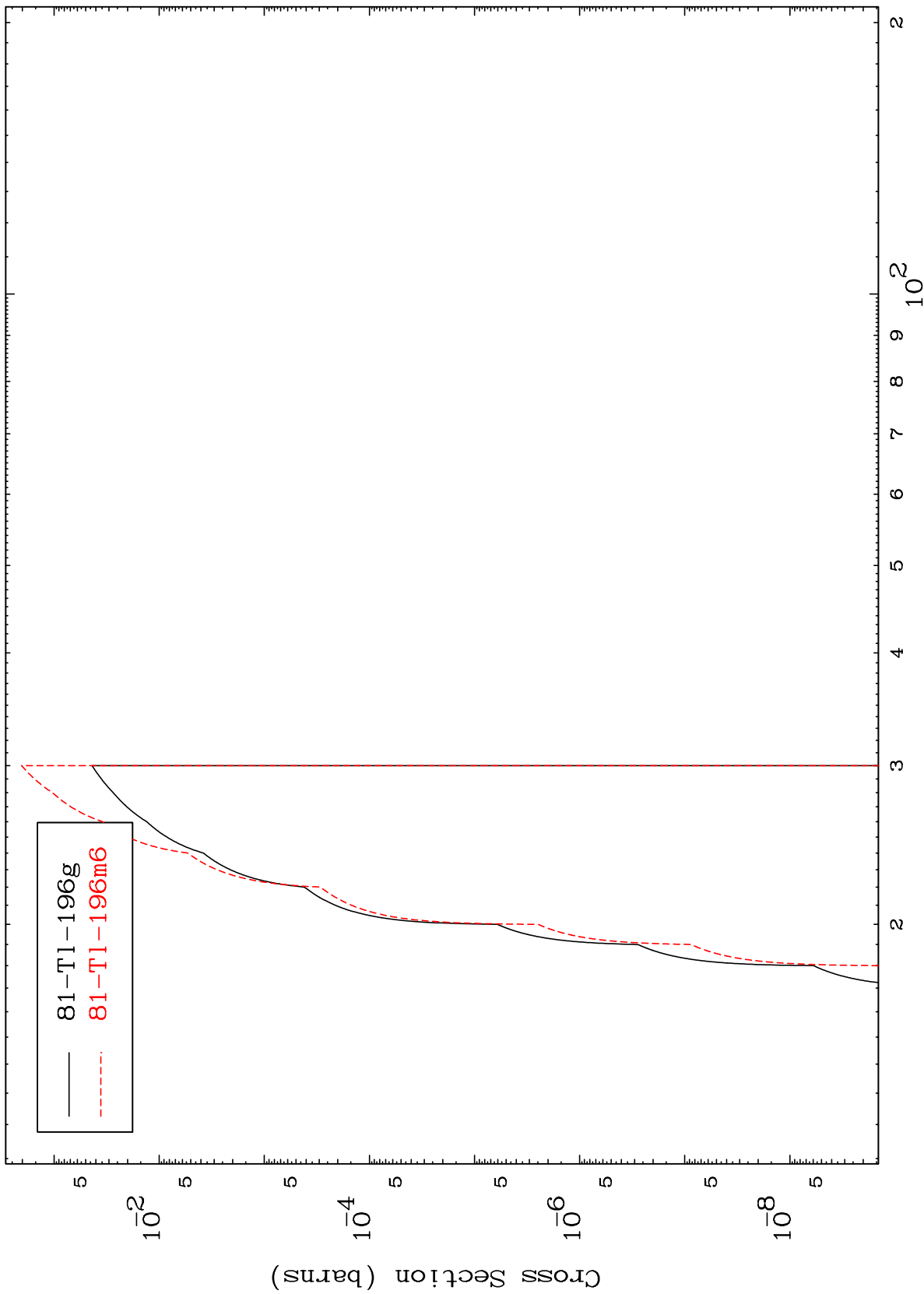
80-Hg-197

MAT 8028

(n,n') t

80-Hg-197

Radionuclide Production Cross Section



20

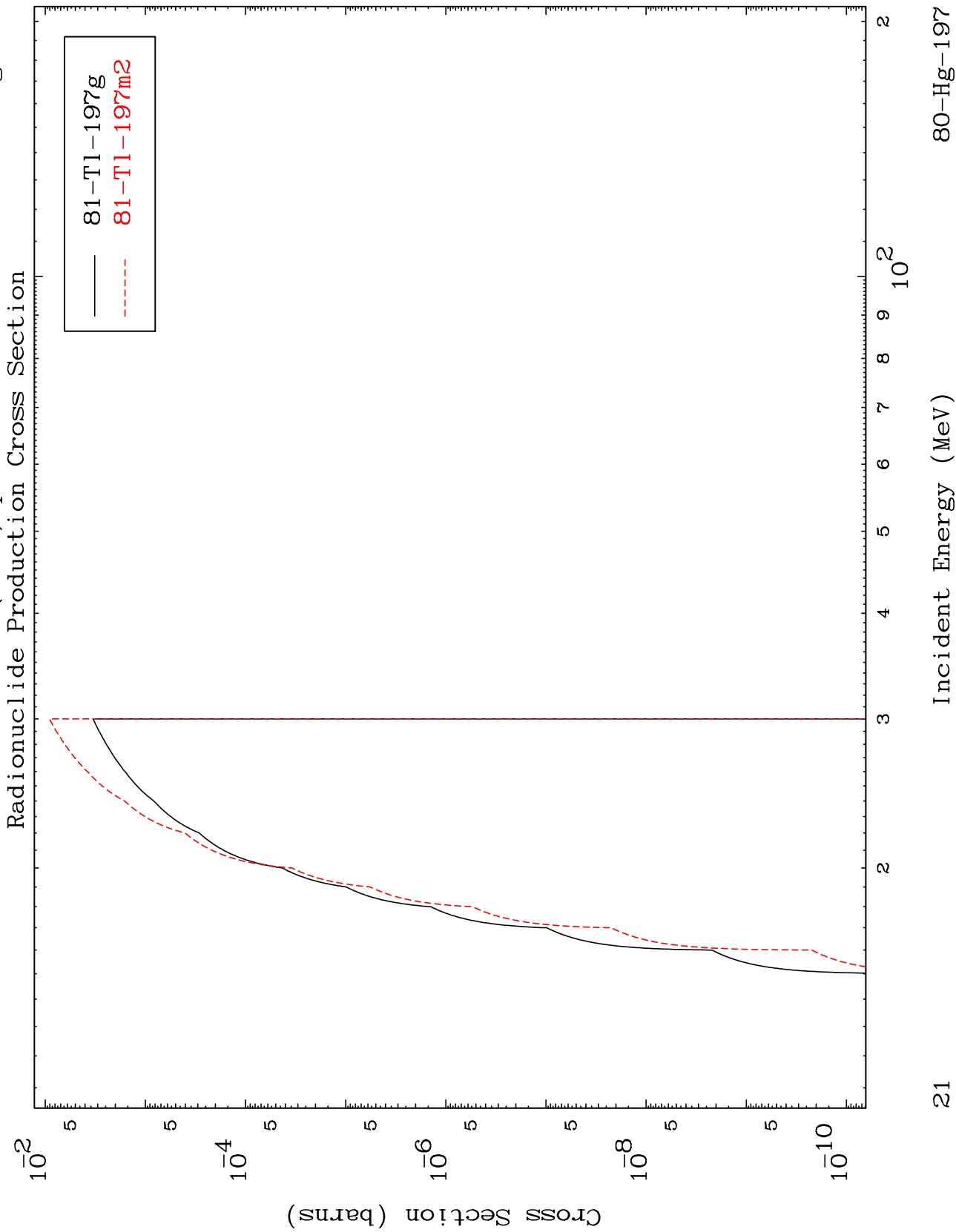
Incident Energy (MeV)

80-Hg-197

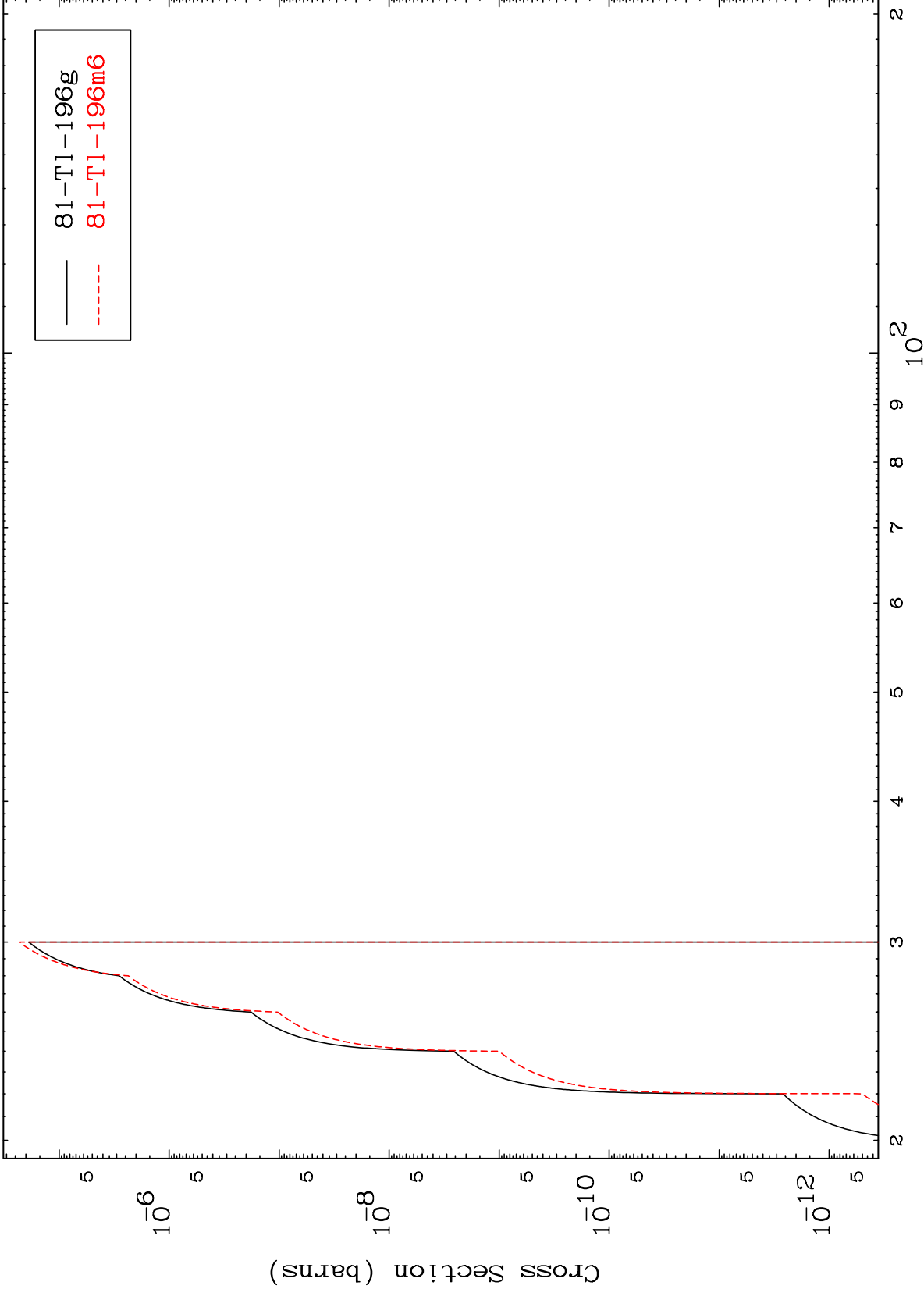
MAT 8028

(n,2n) p

80-Hg-197



Radionuclide Production Cross Section

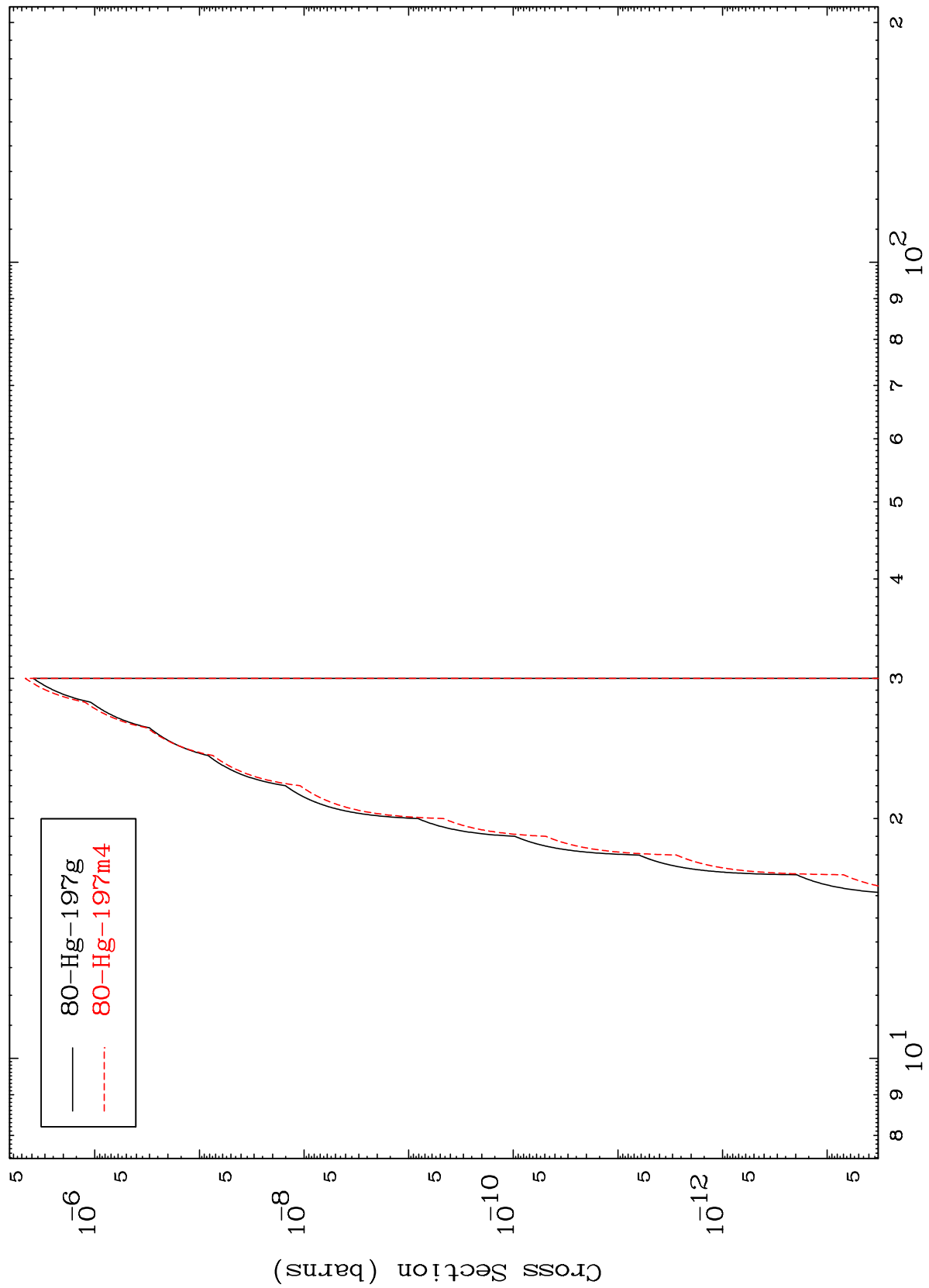


MAT 8028

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

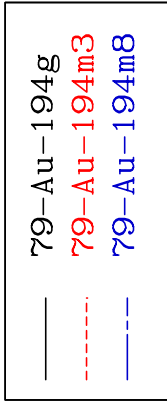
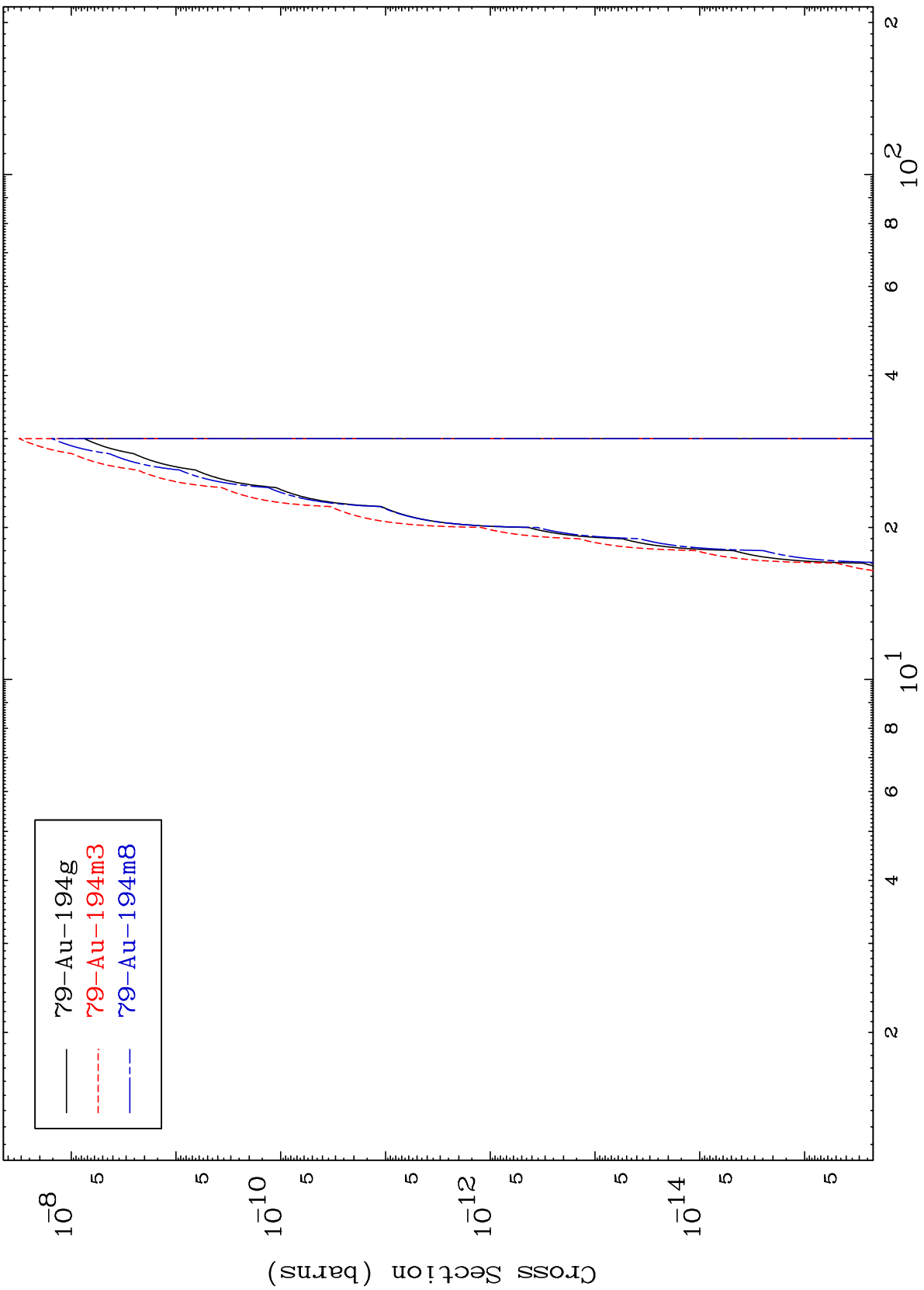
80-Hg-197

MAT 8028

(n,n') p α

80-Hg-197

Radionuclide Production Cross Section

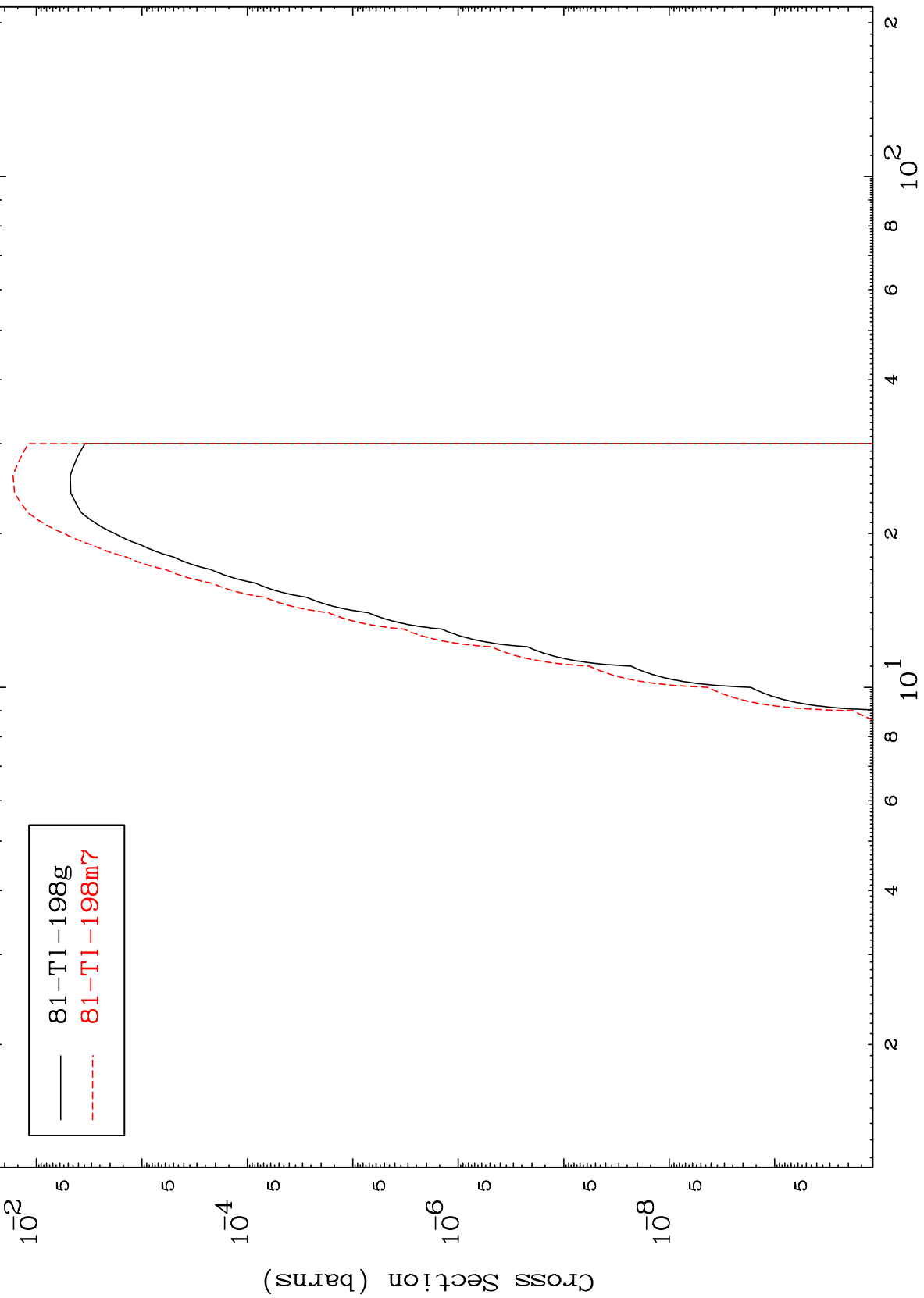


MAT 8028

(n, d)

80-Hg-197

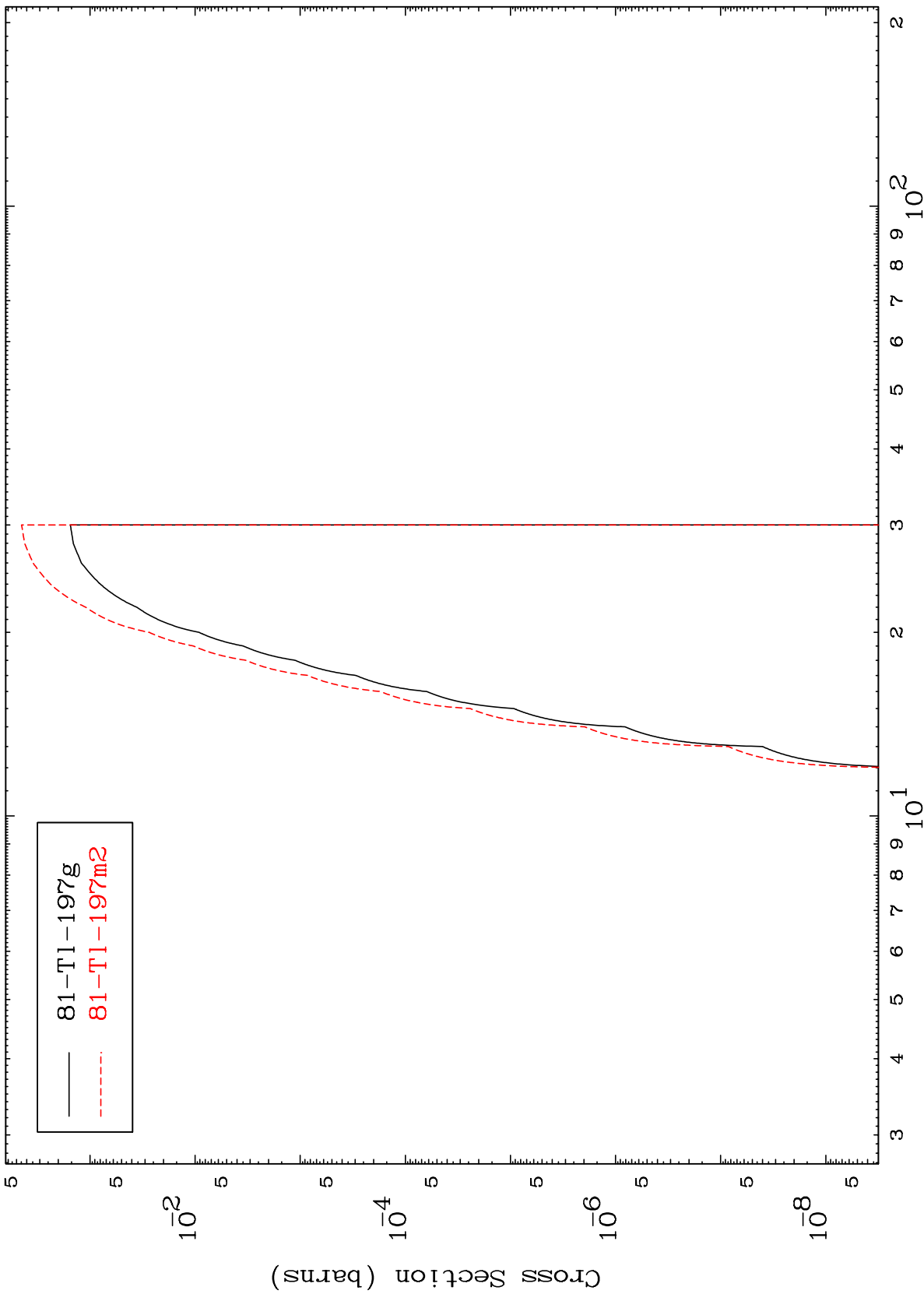
Radionuclide Production Cross Section



MAT 8028

80-Hg-197

(n, t)
Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

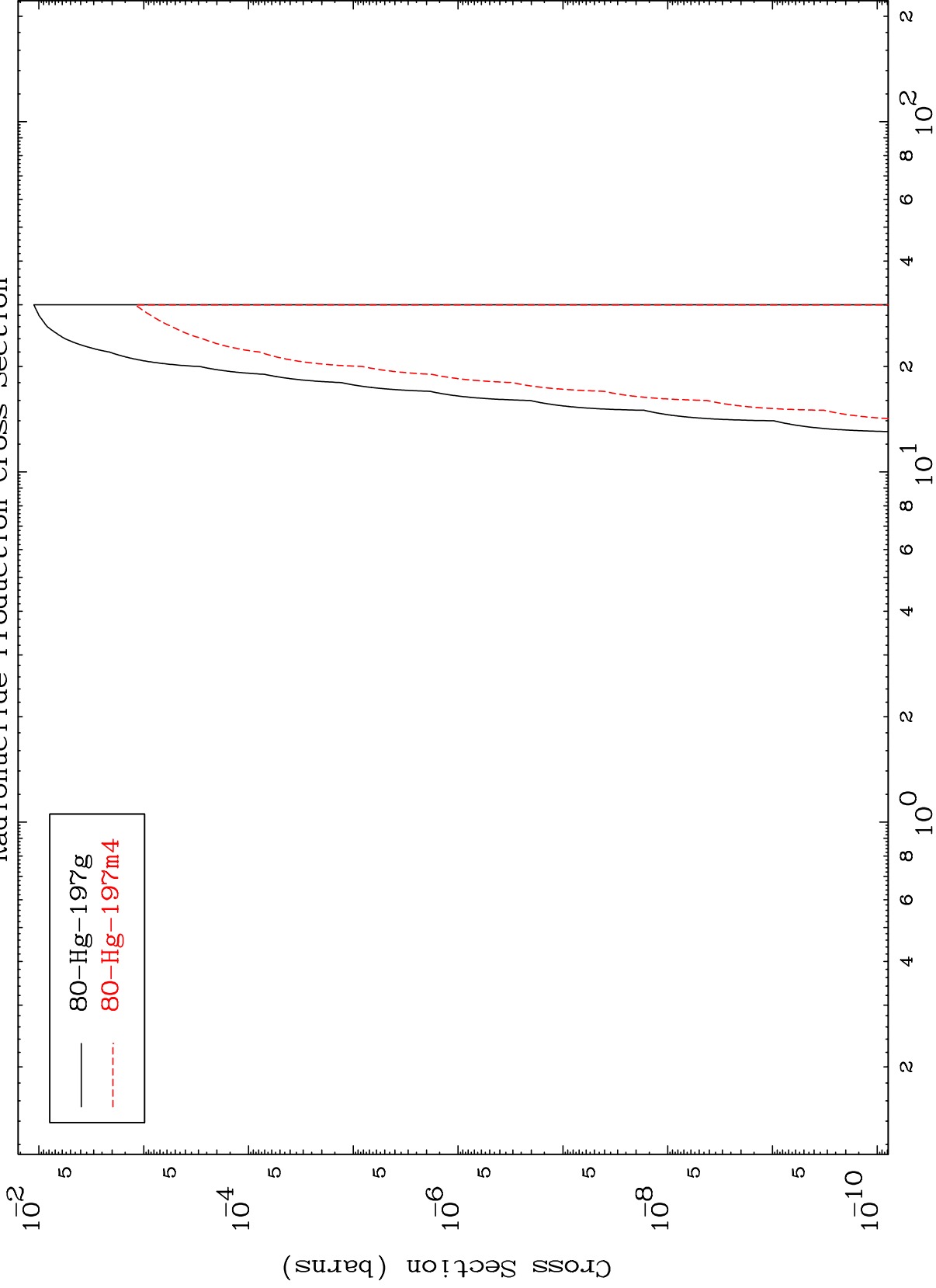
26

MAT 8028

(n, He-3)

80-Hg-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

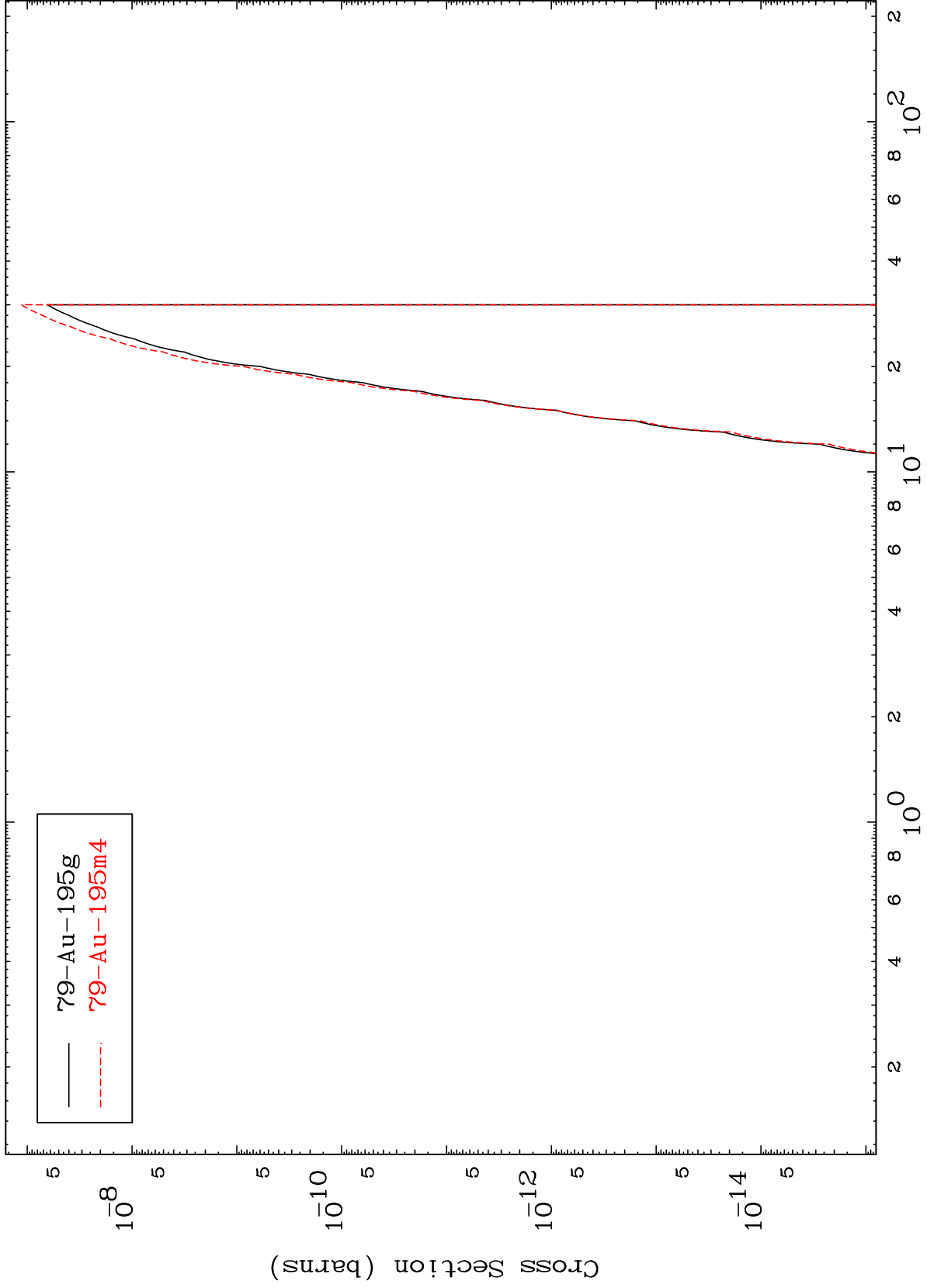
80-Hg-197

MAT 8028

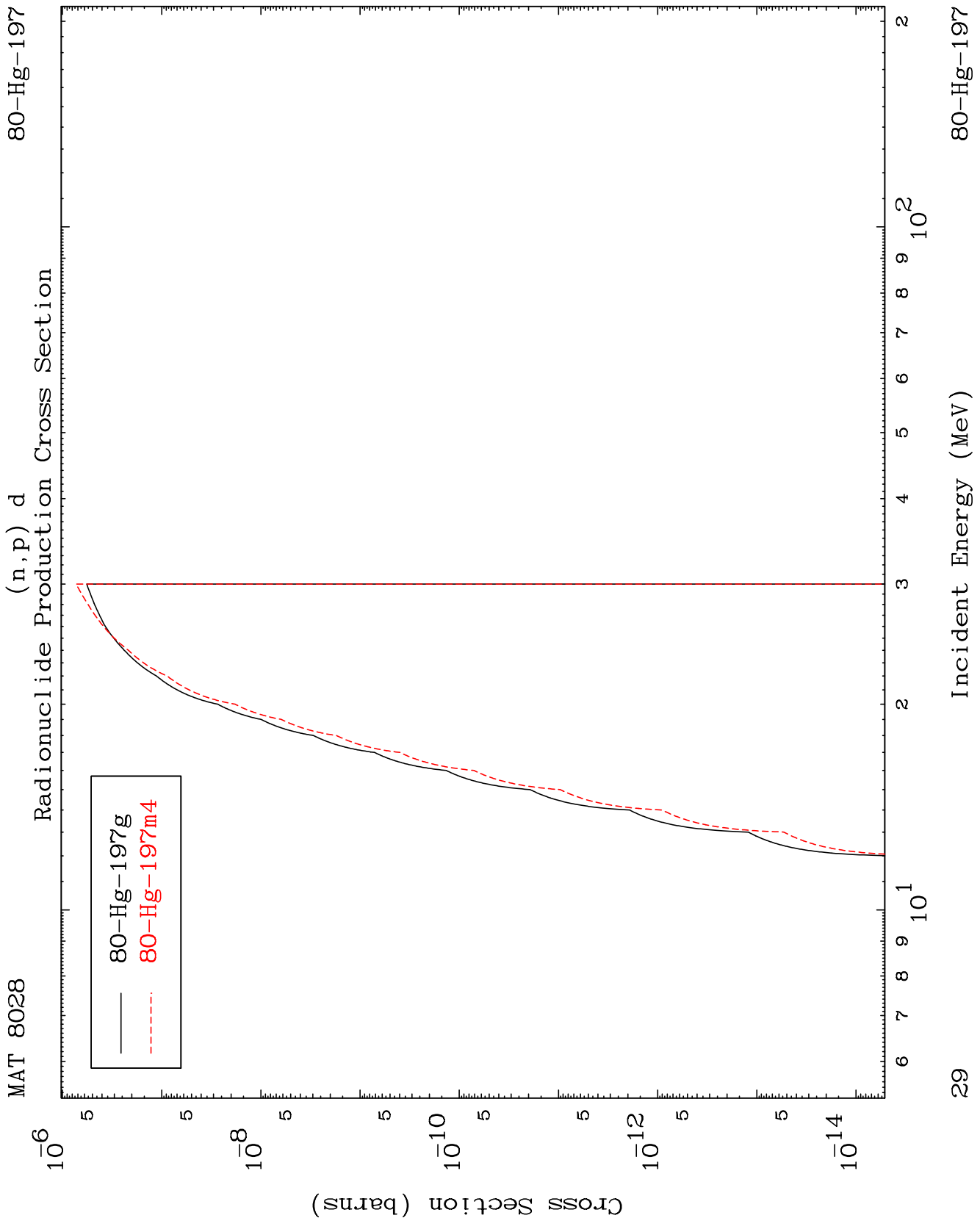
(n,p) α

80-Hg-197

Radionuclide Production Cross Section



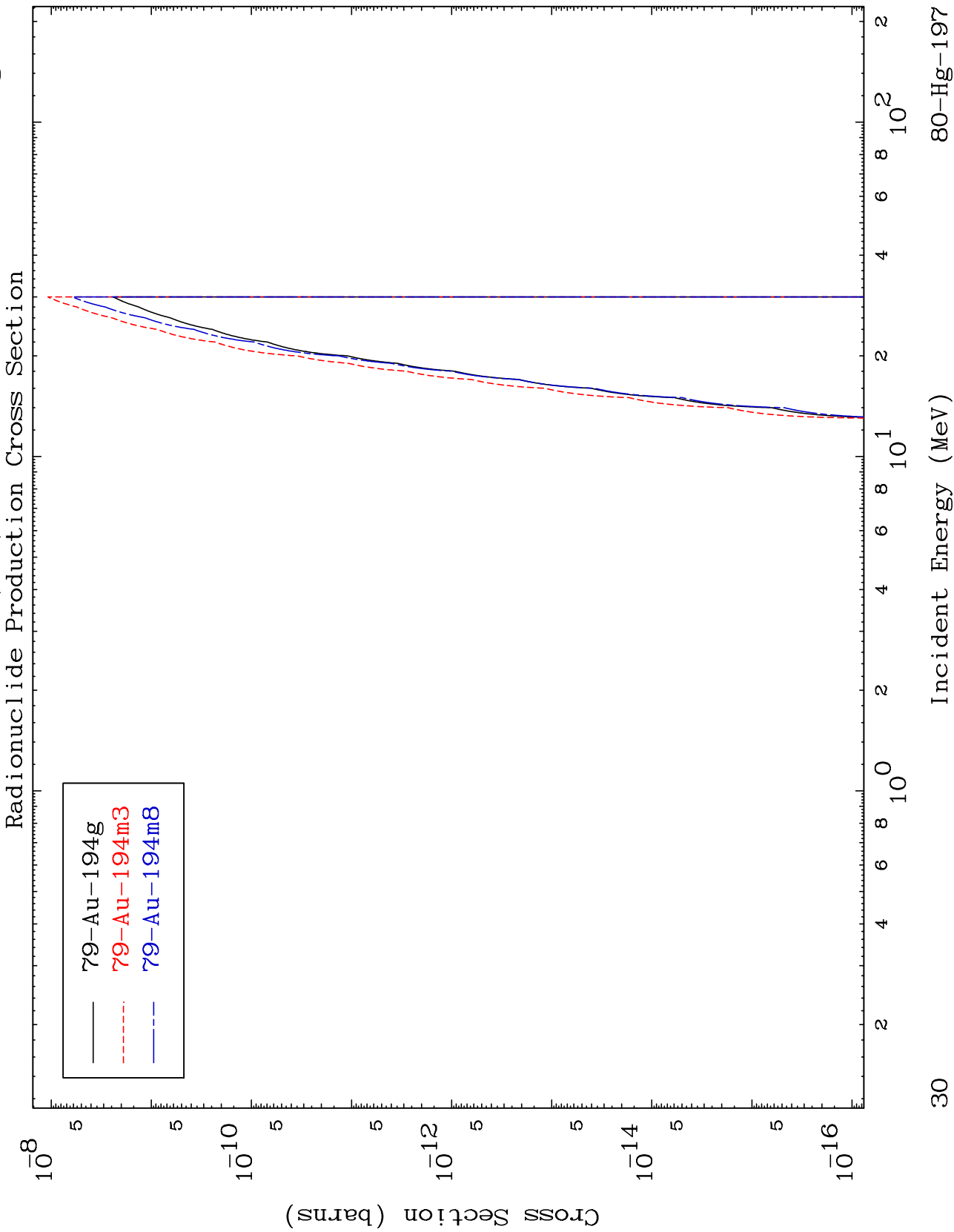
— $^{79}\text{Au-195g}$
- - - $^{79}\text{Au-195m4}$



MAT 8028

(n,d) α

80-Hg-197



79-Au-194g
79-Au-194m3
79-Au-194m8