

Program EVALPLOT
(Version 2021-1)

by

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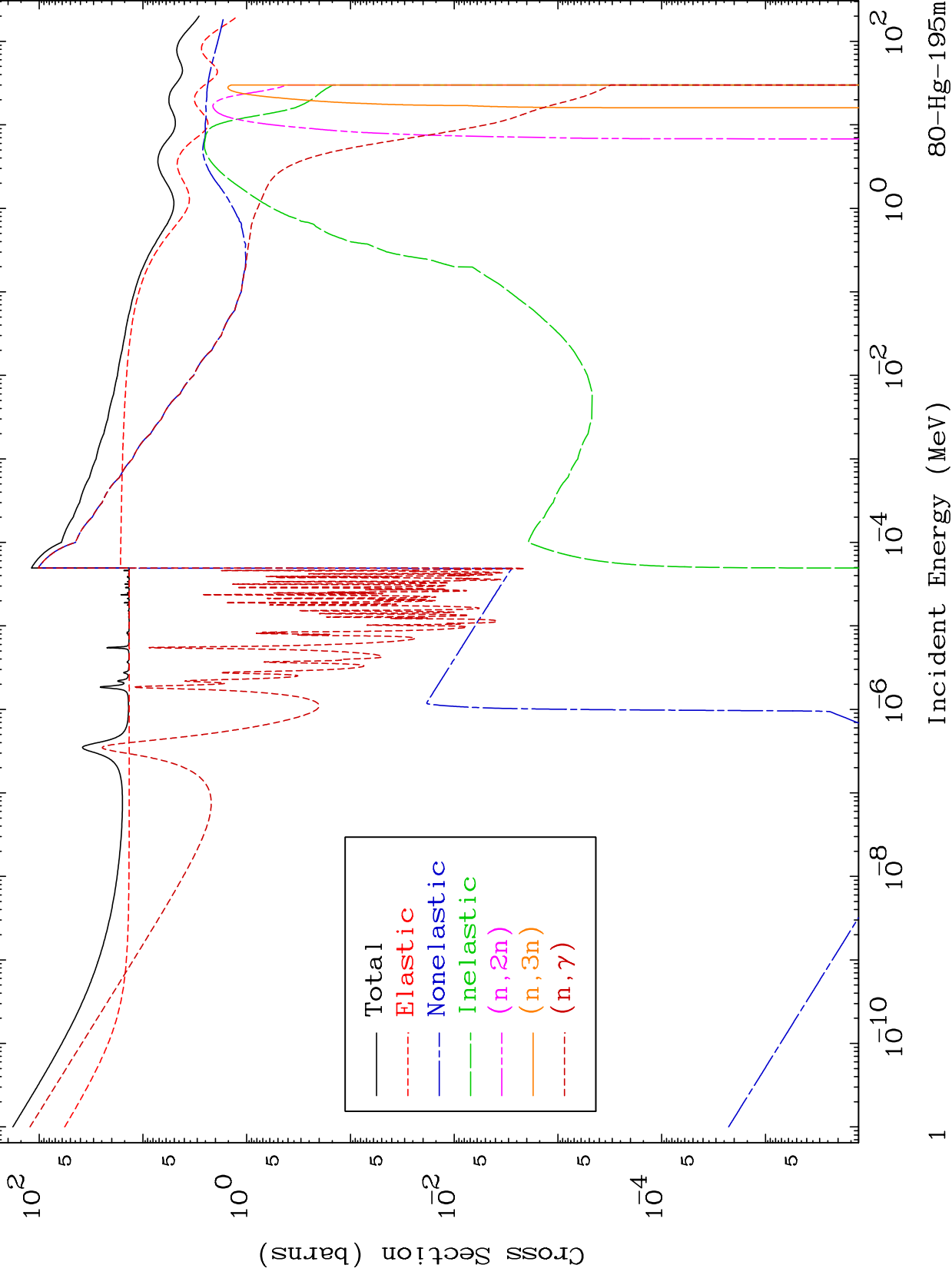
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8023

Neutron Major
293 Kelvin Cross Sections

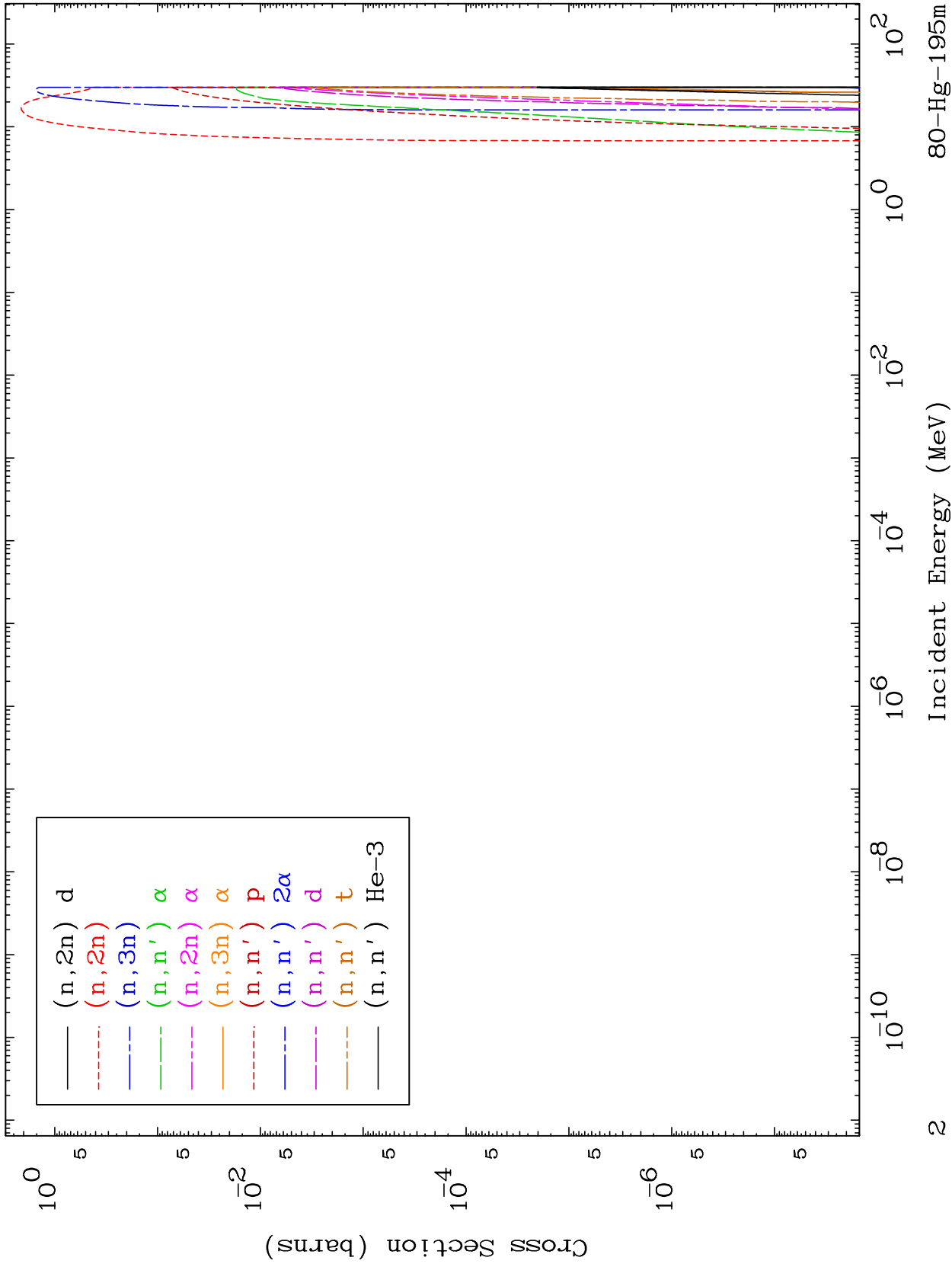
80-Hg-195m

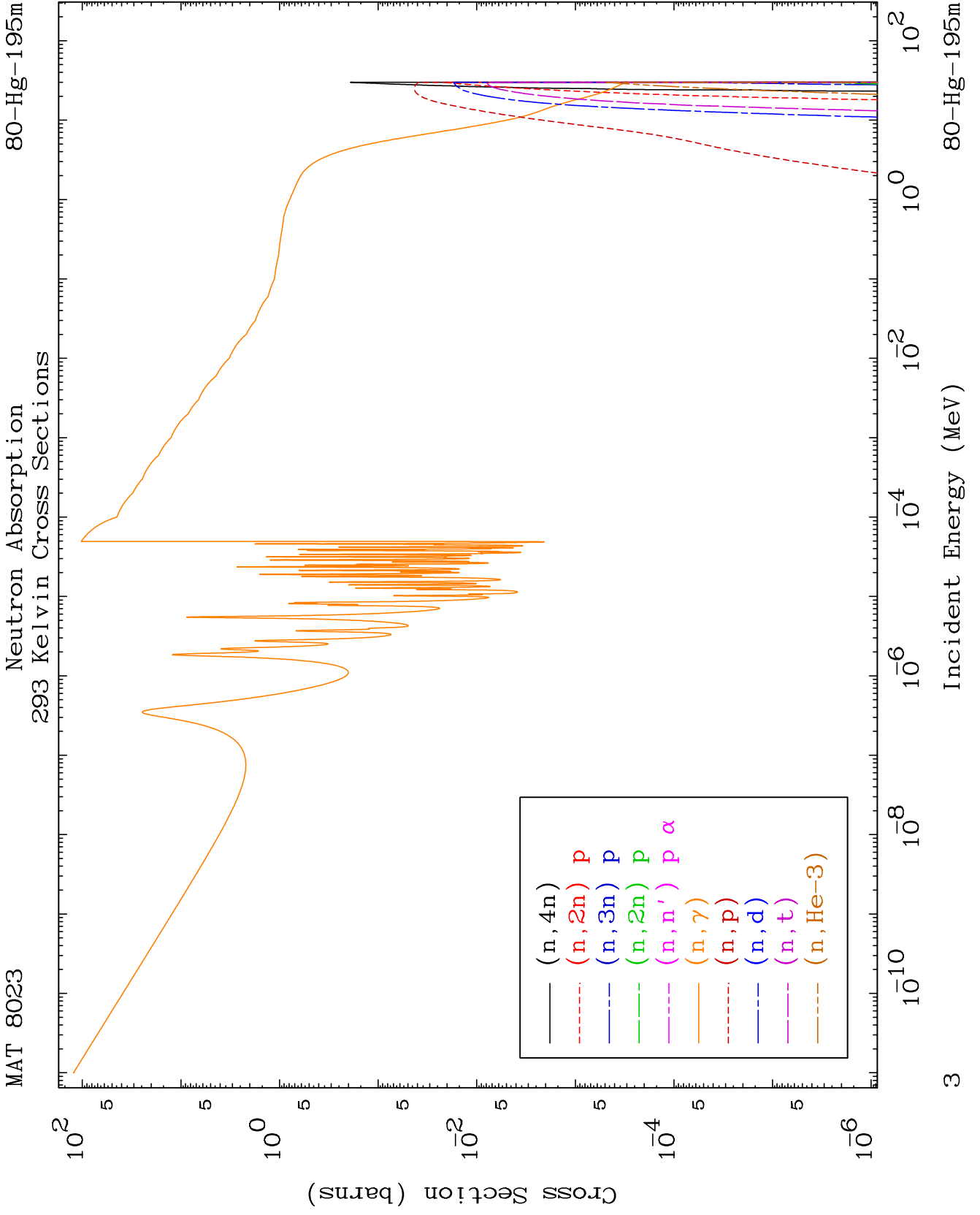


MAT 8023

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-195m

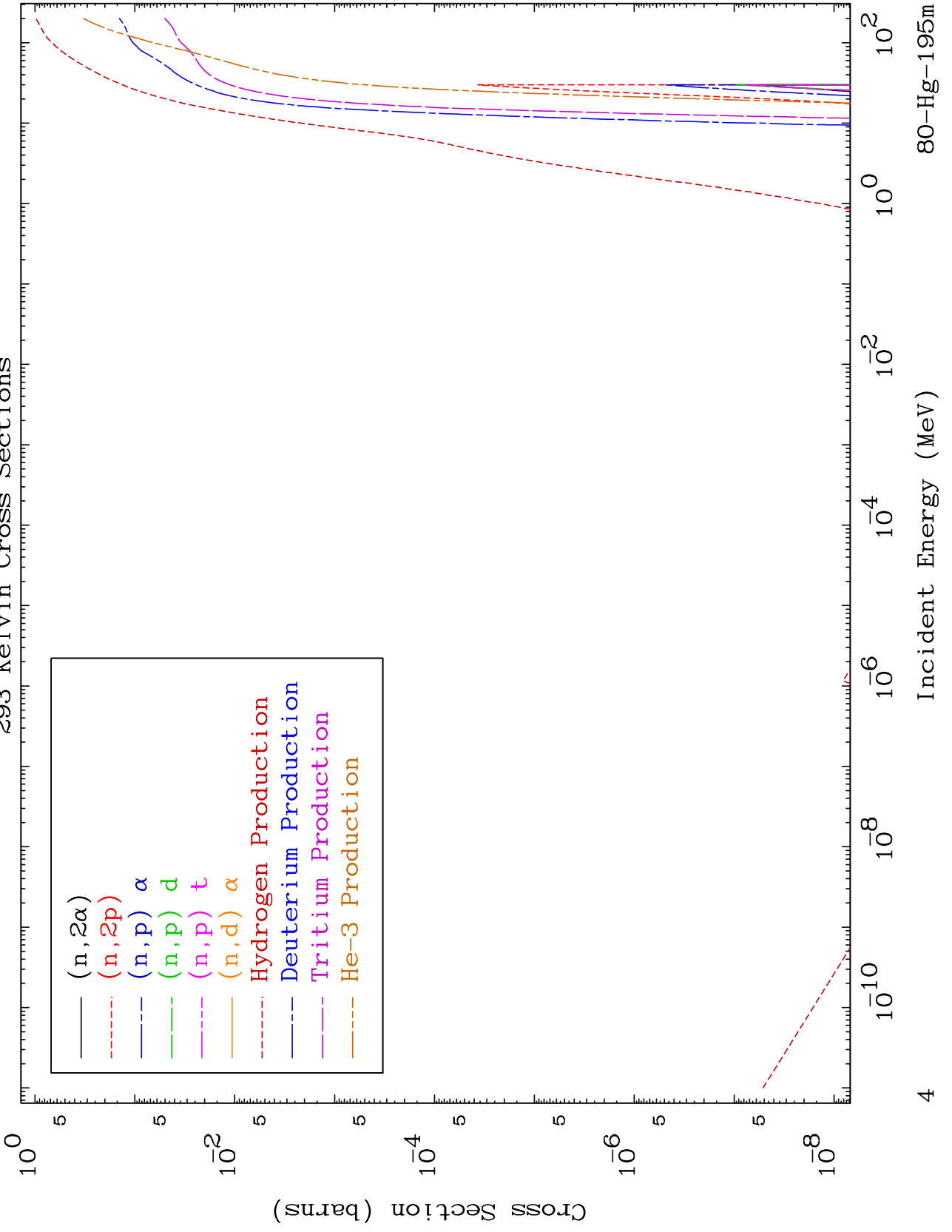




MAT 8023

Neutron Absorption
293 Kelvin Cross Sections

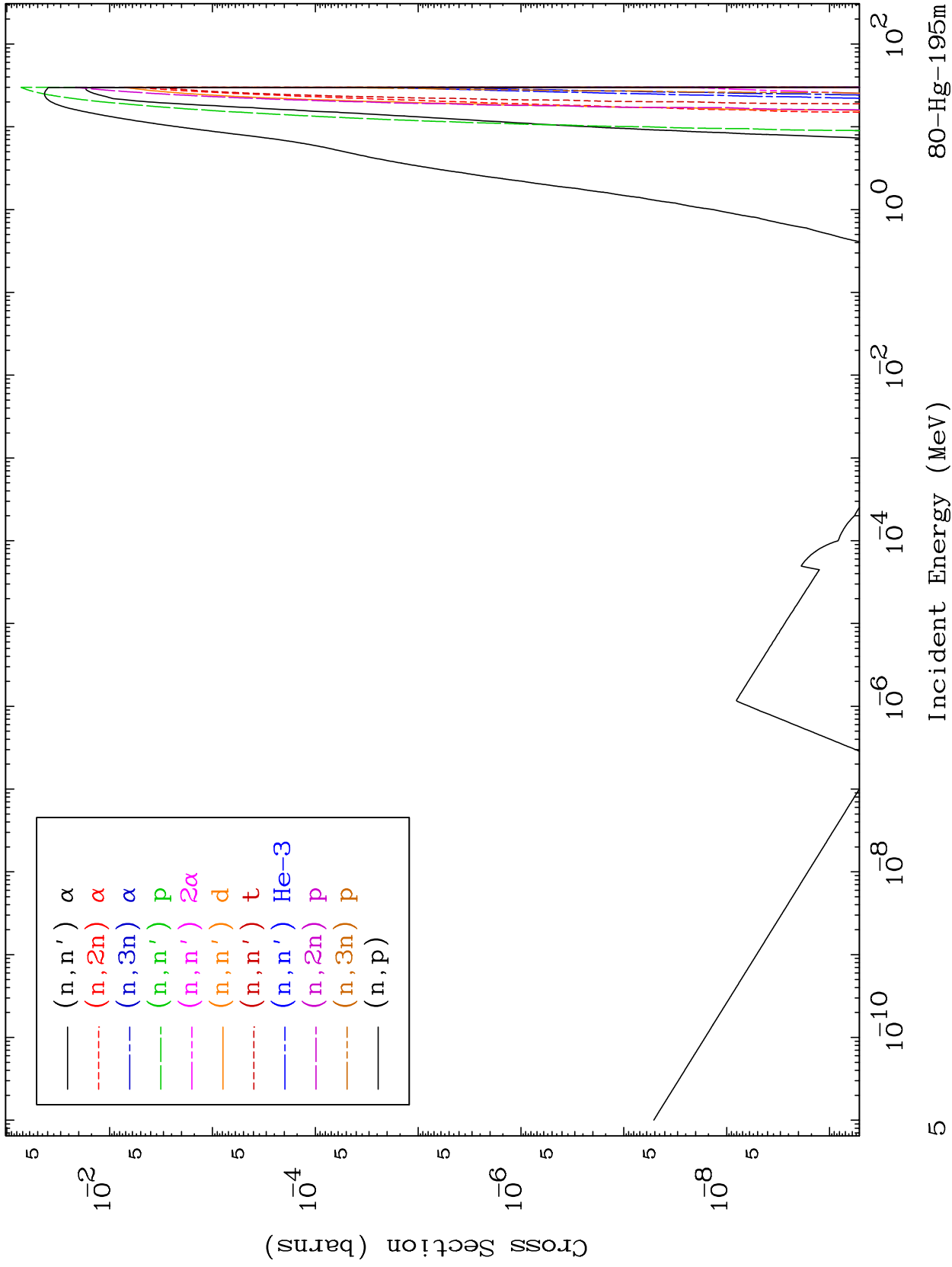
80-Hg-195m



MAT 8023

Charged Particle
293 Kelvin Cross Sections

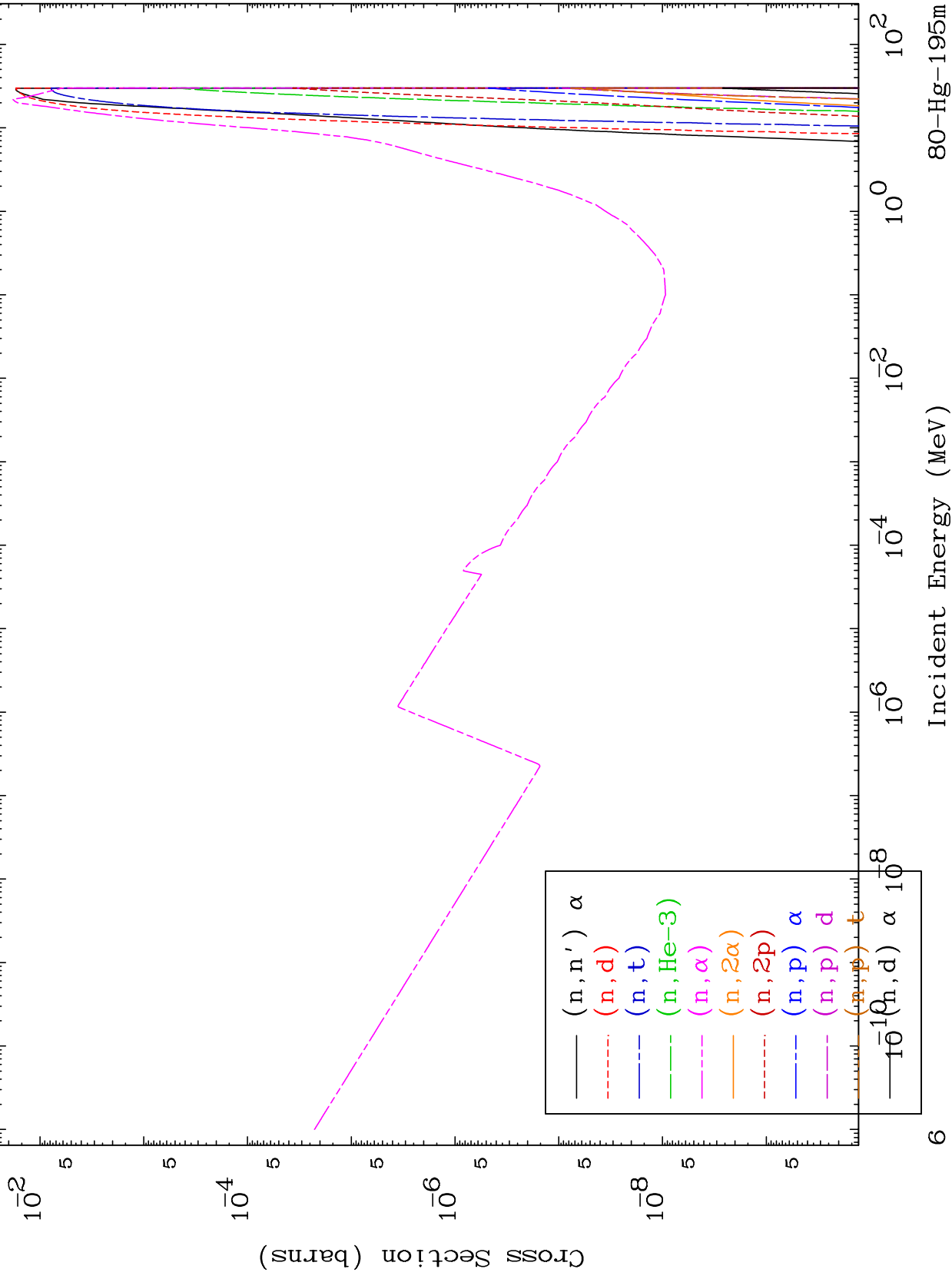
80-Hg-195m



MAT 8023

Charged Particle
293 Kelvin Cross Sections

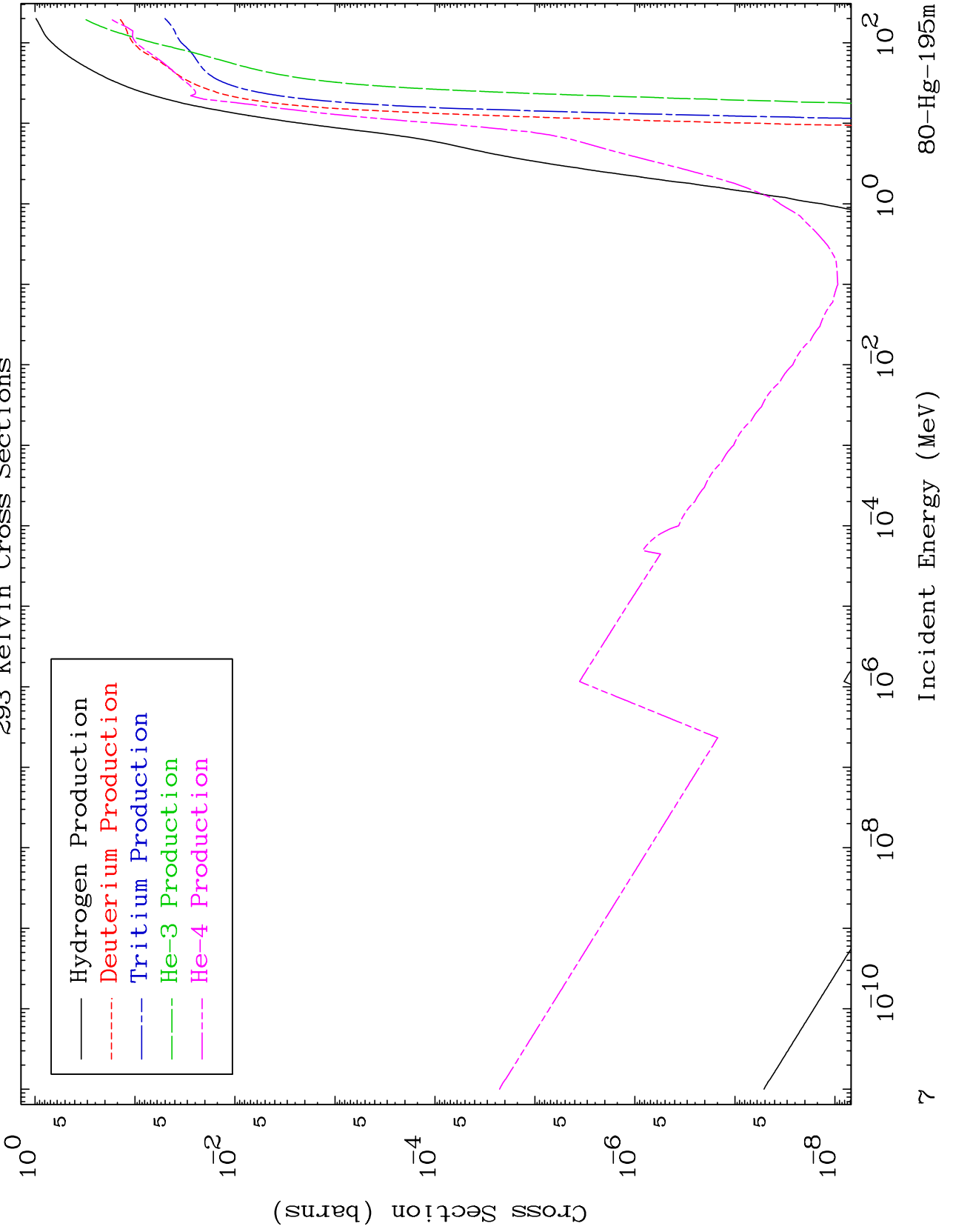
80-Hg-195m



MAT 8023

Particle Production
293 Kelvin Cross Sections

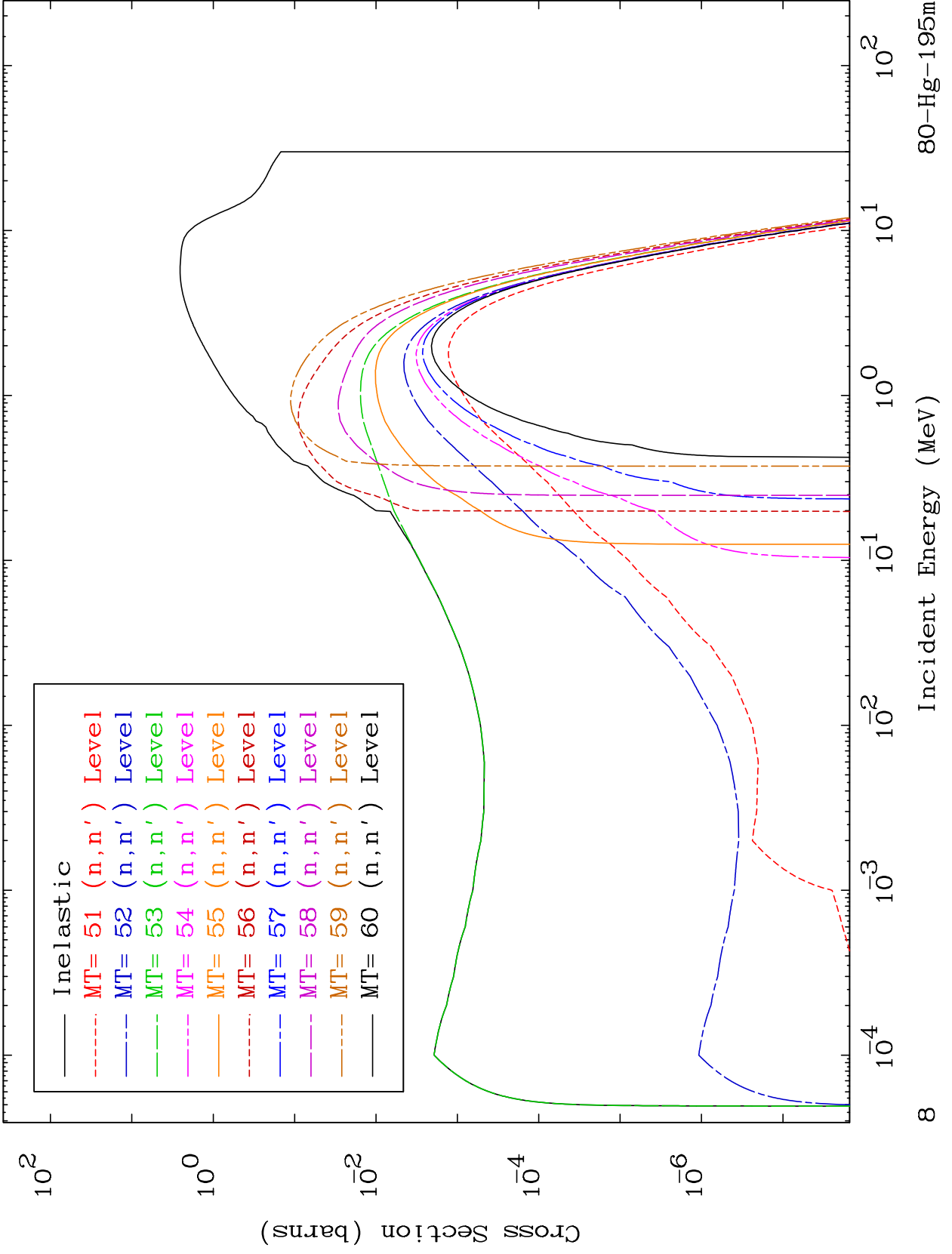
80-Hg-195m



MAT 8023

(n,n') Levels
293 Kelvin Cross Sections

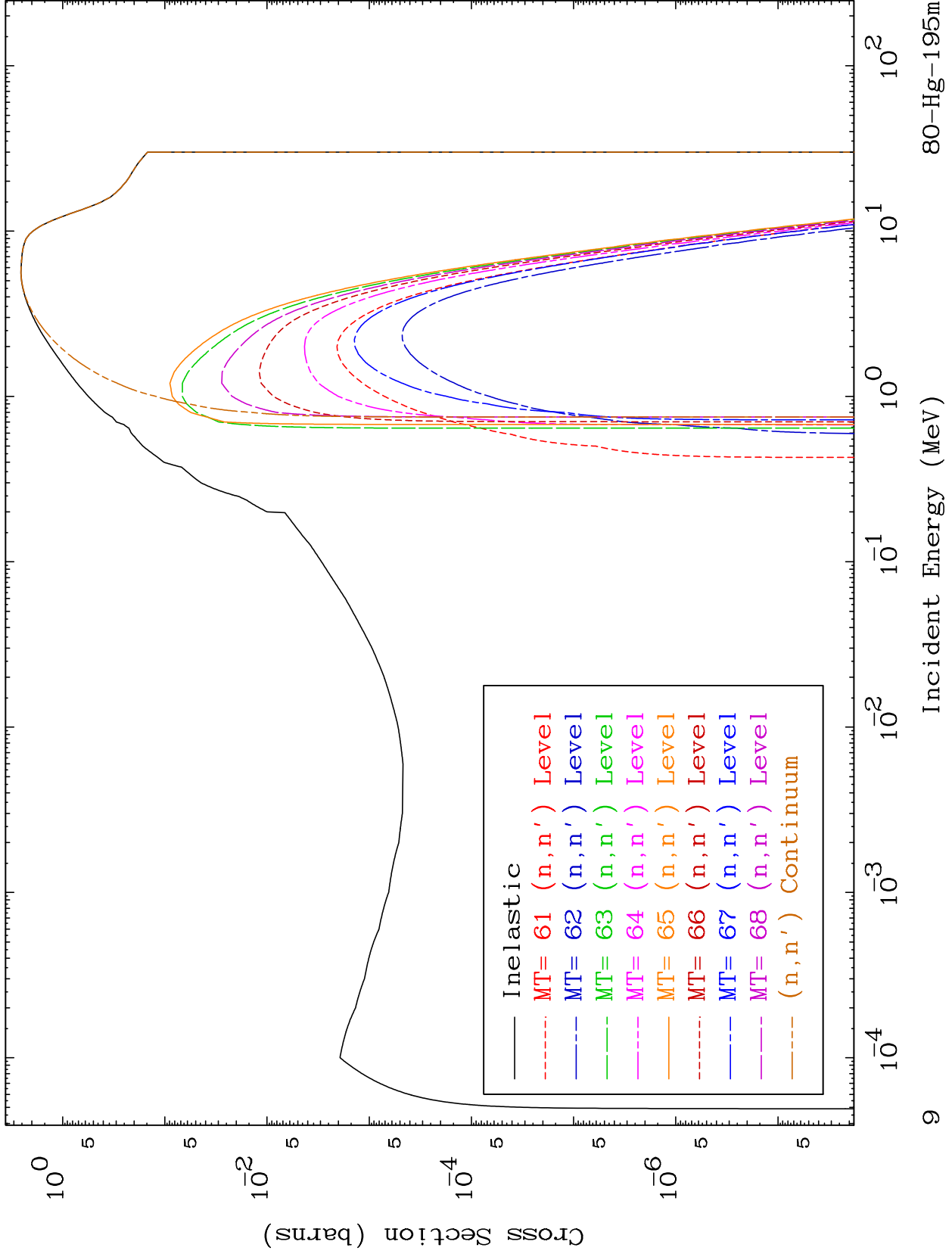
80-Hg-195m



MAT 8023

(n,n') Levels
293 Kelvin Cross Sections

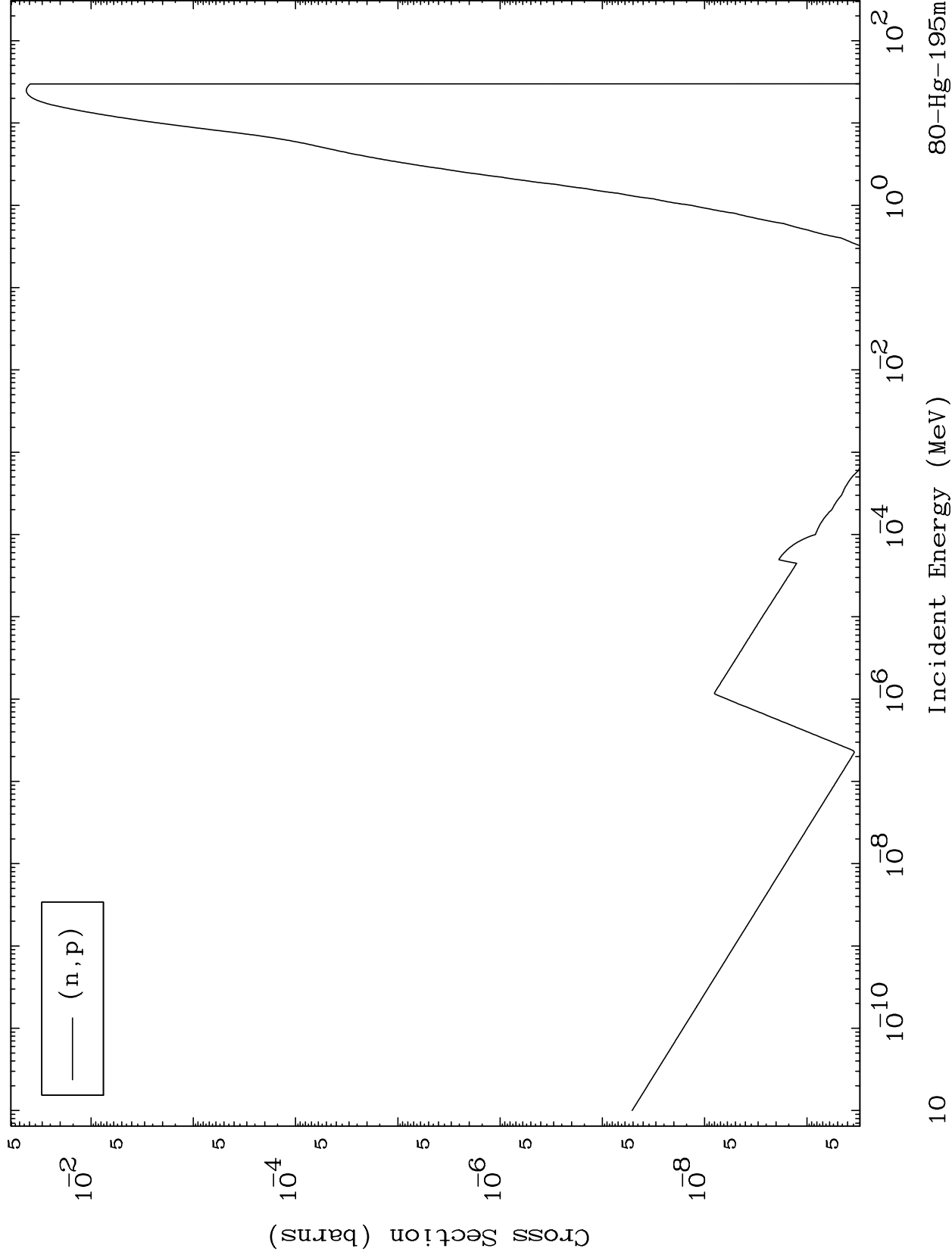
80-Hg-195m



MAT 8023

(n,p) Levels
293 Kelvin Cross Sections

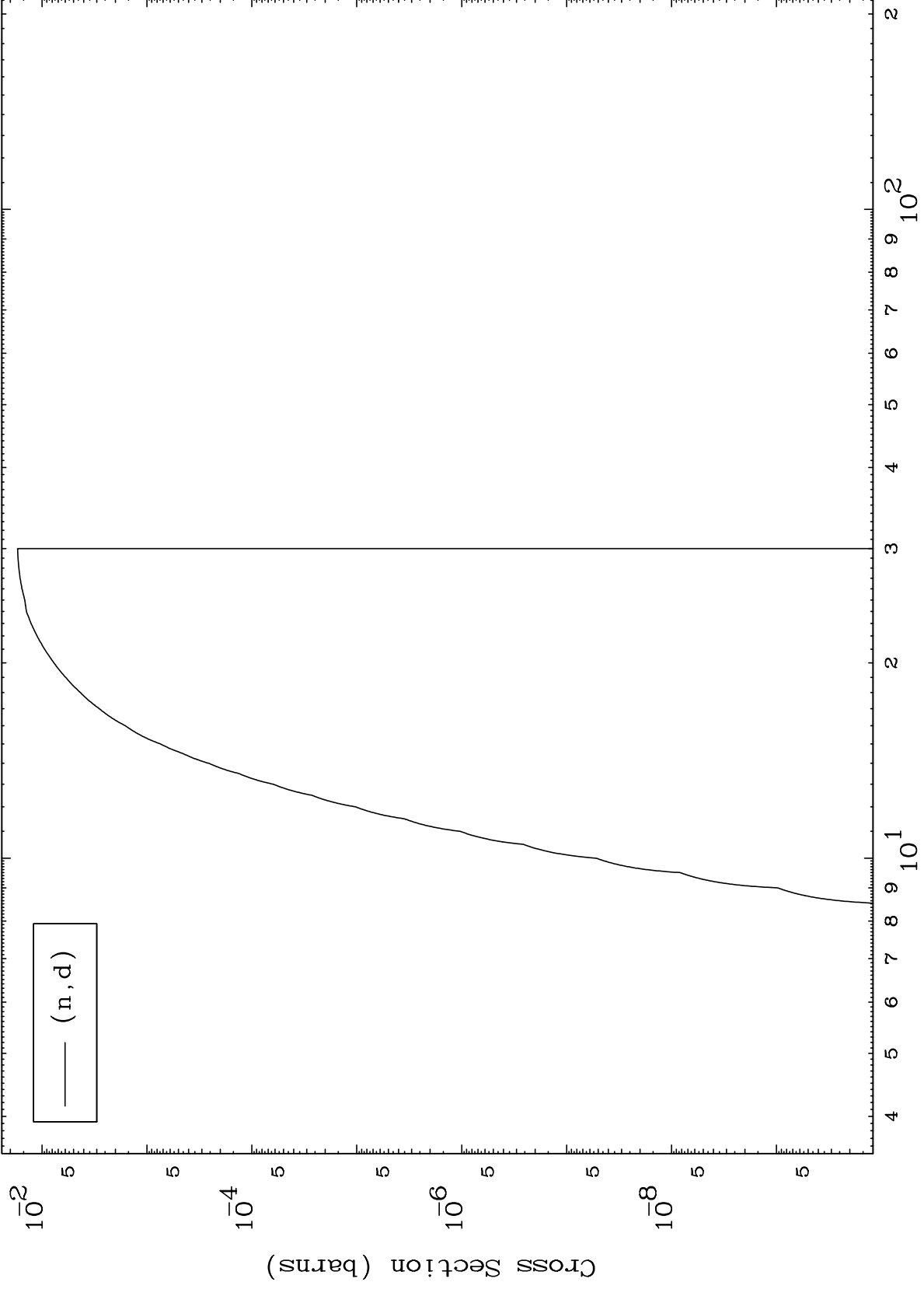
80-Hg-195m



MAT 8023

(n,d) Levels
293 Kelvin Cross Sections

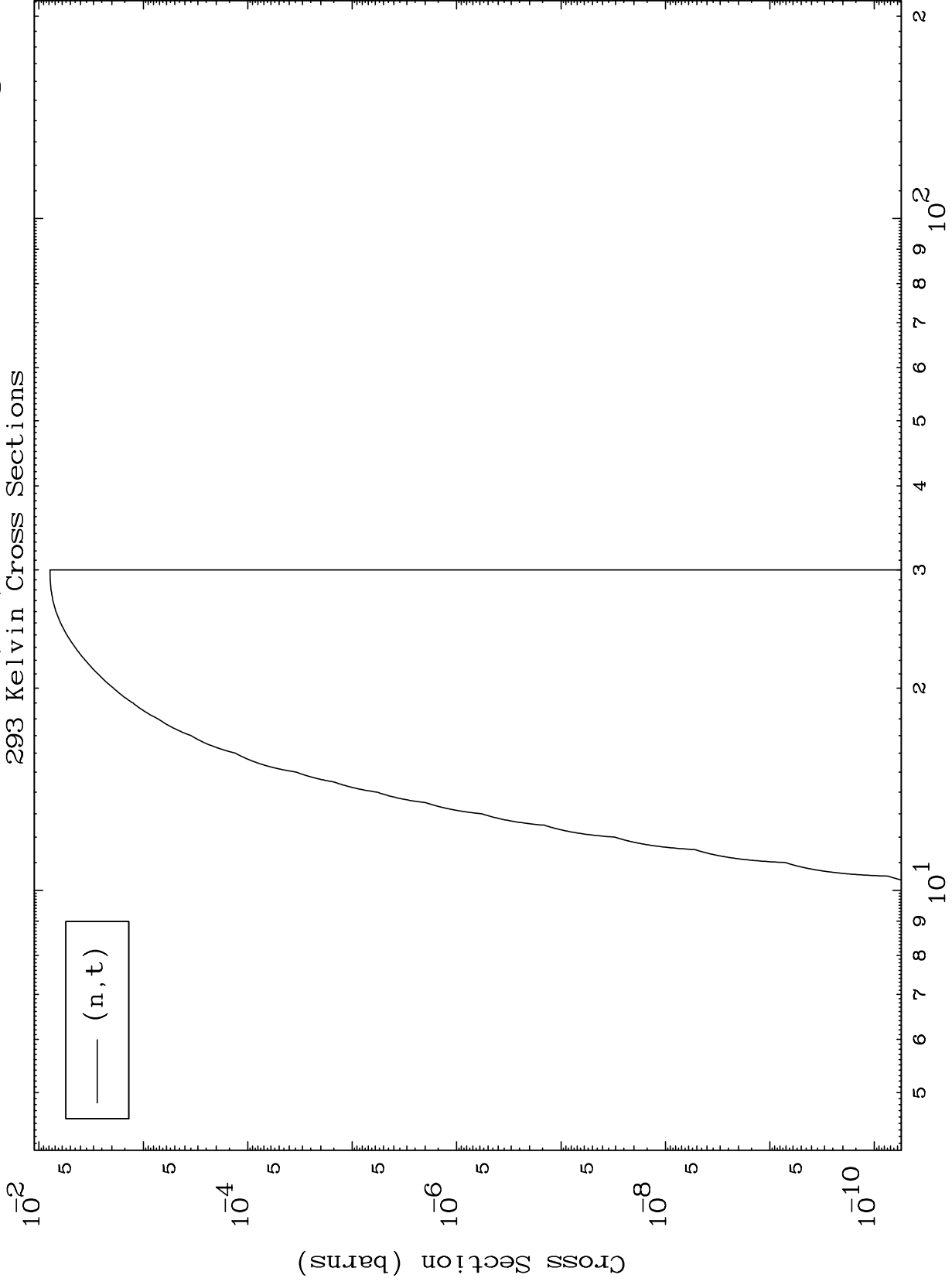
80-Hg-195m



MAT 8023

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-195m



12

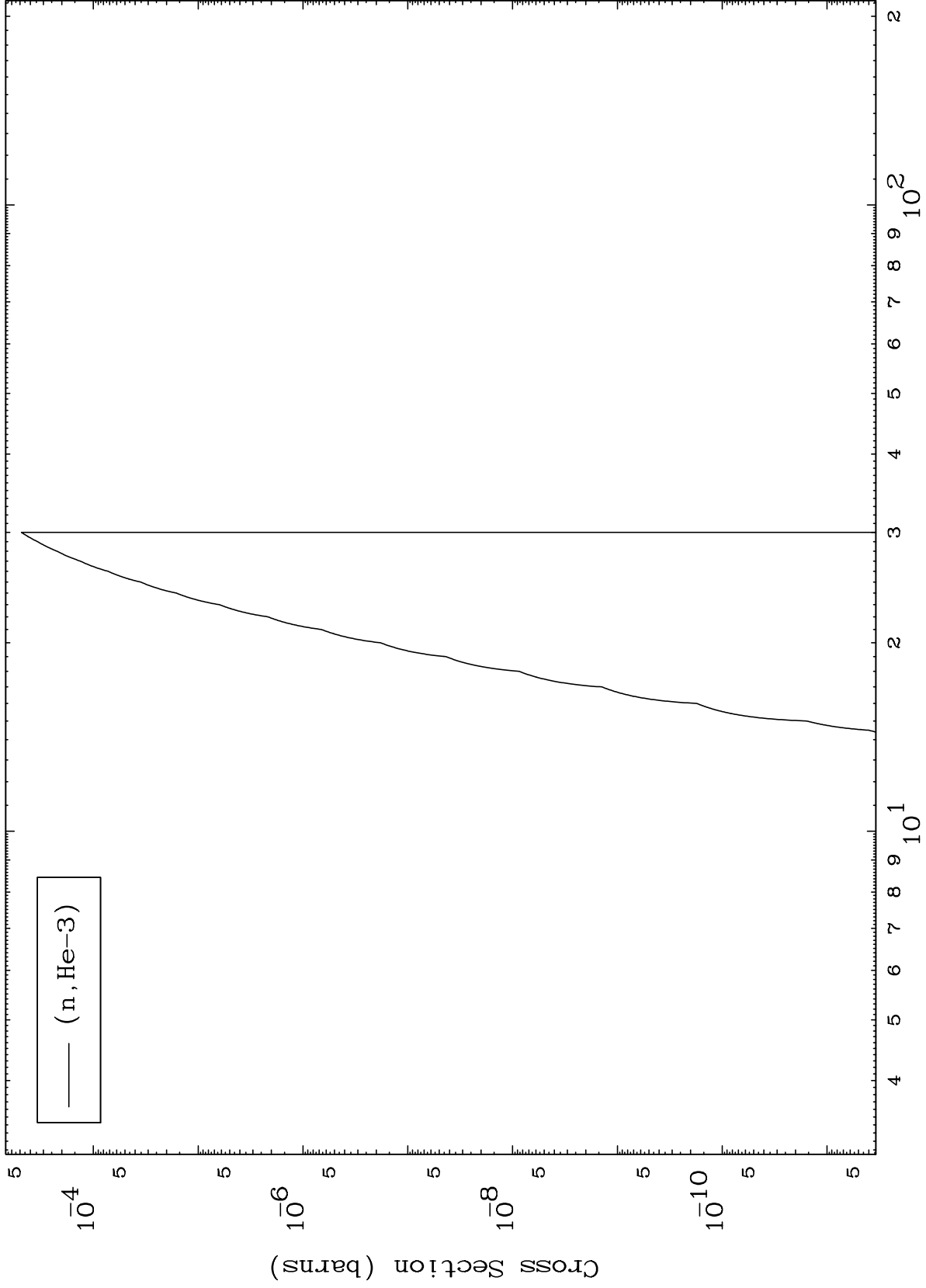
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-195m



13

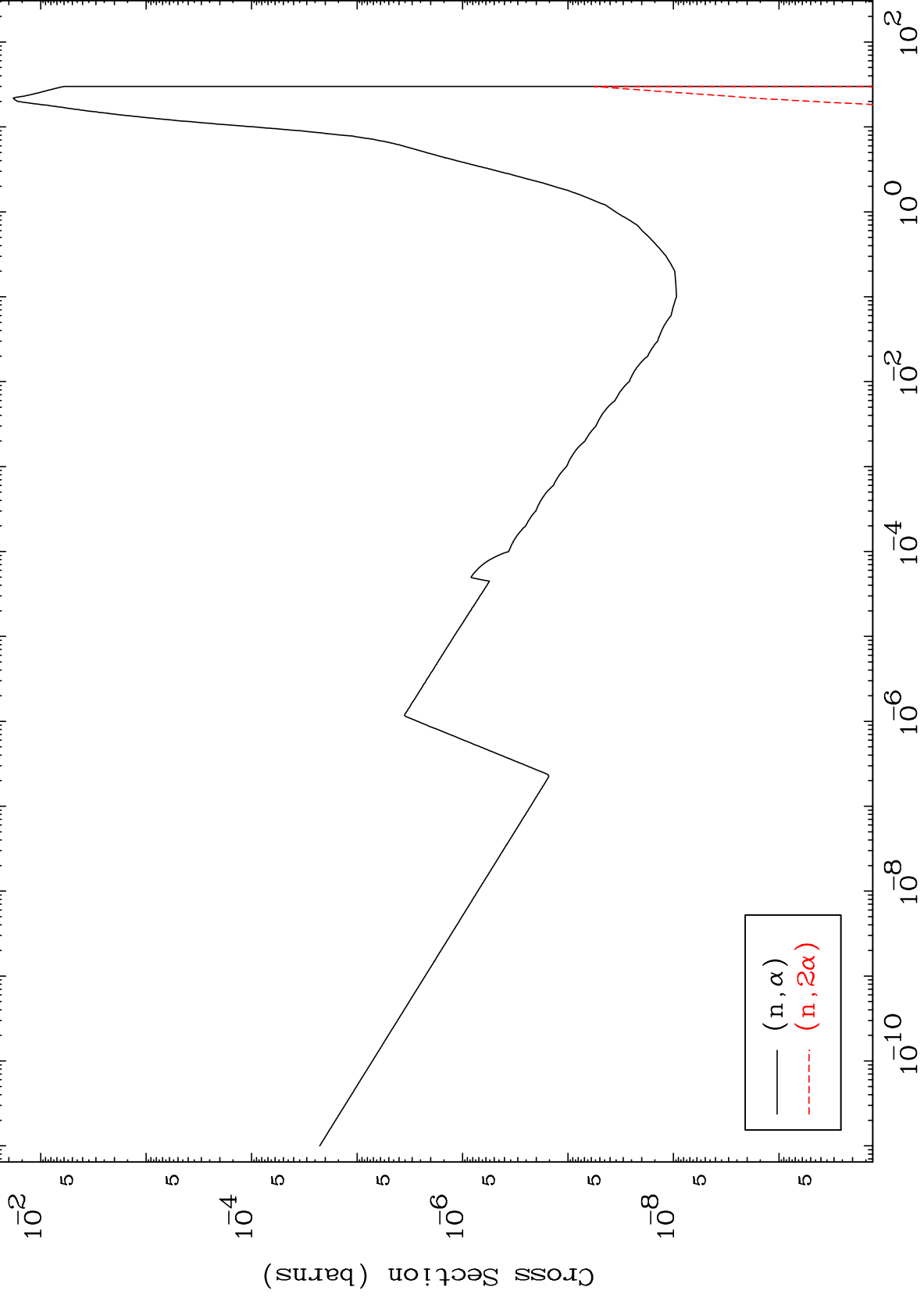
Incident Energy (MeV)

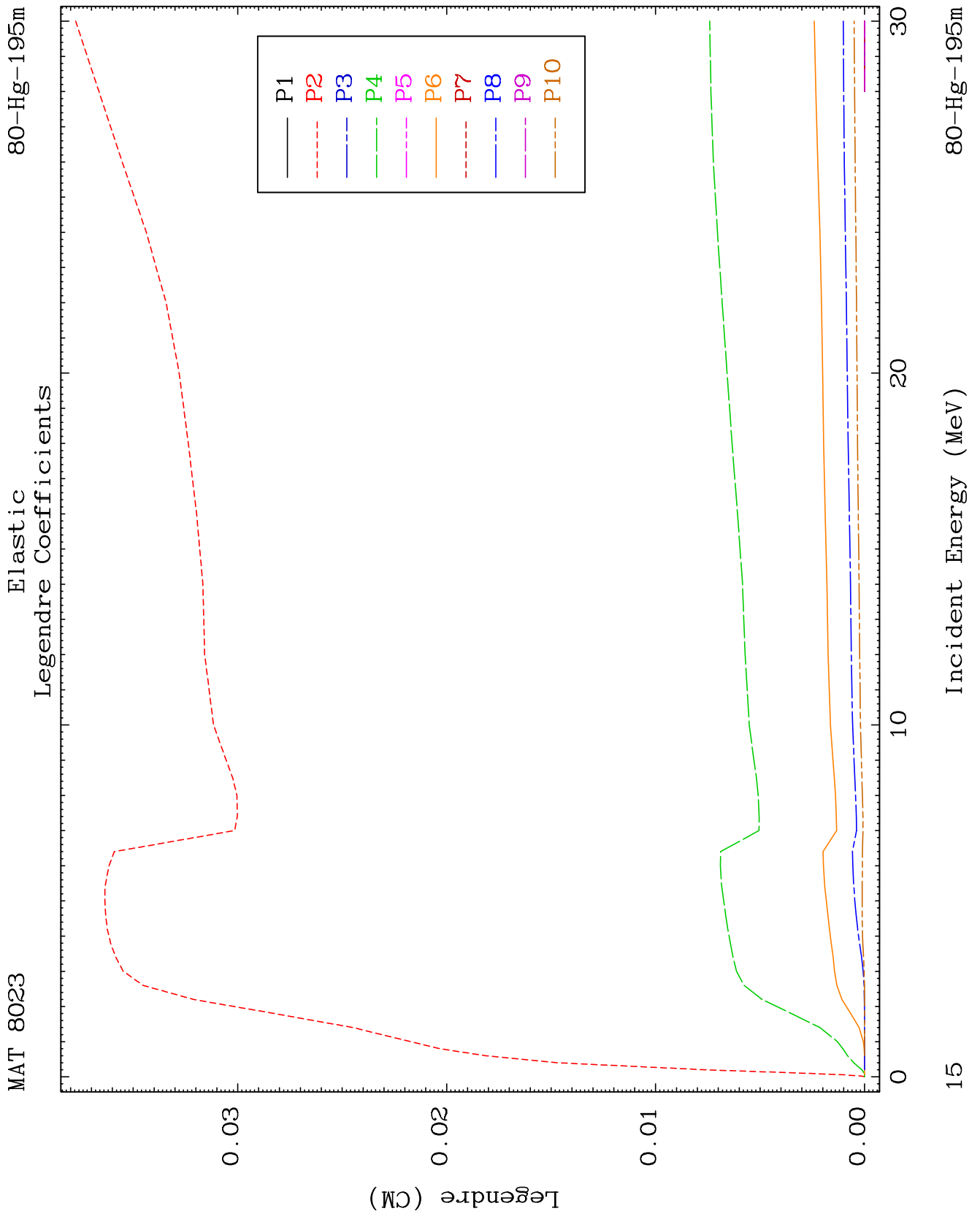
80-Hg-195m

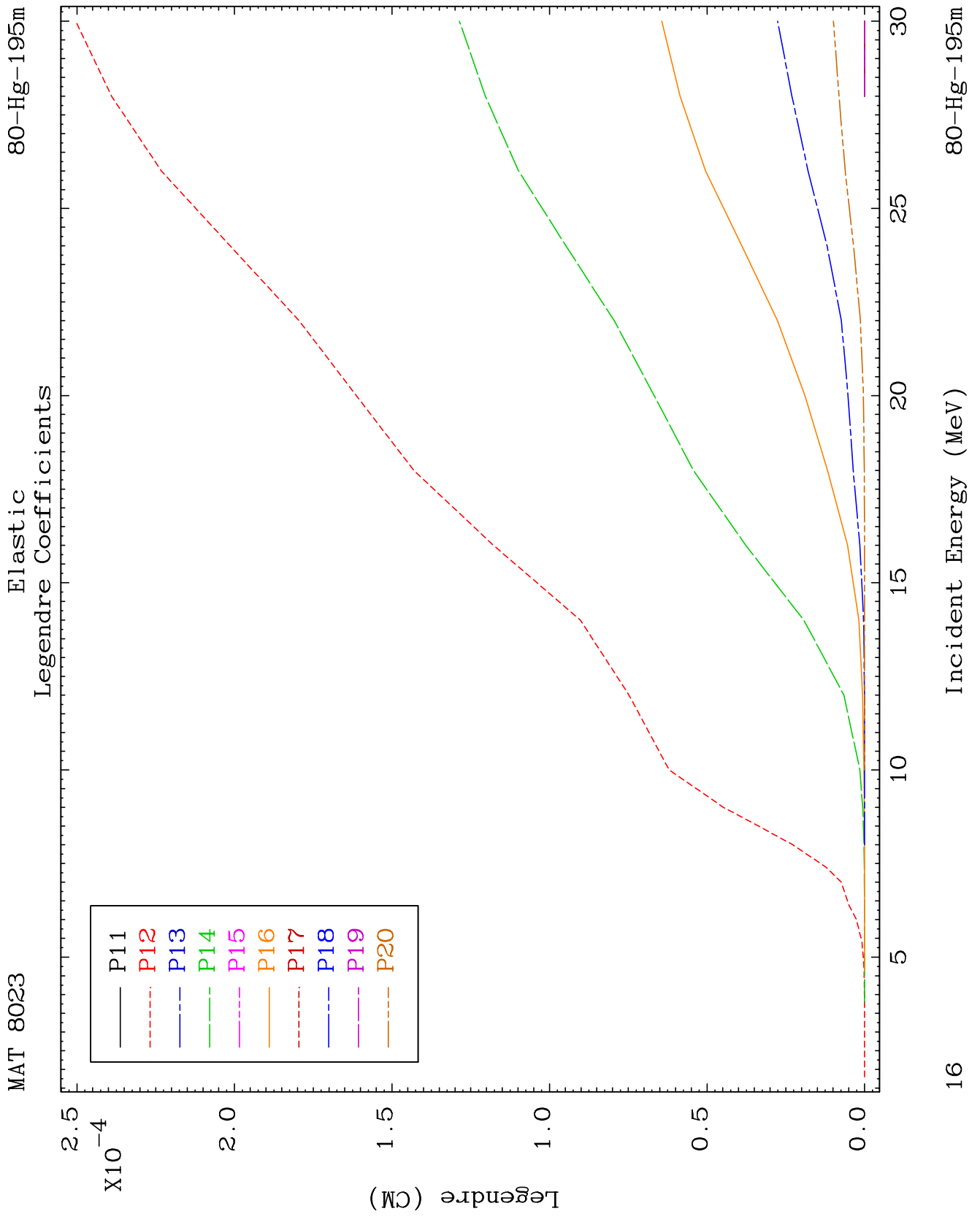
MAT 8023

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-195m



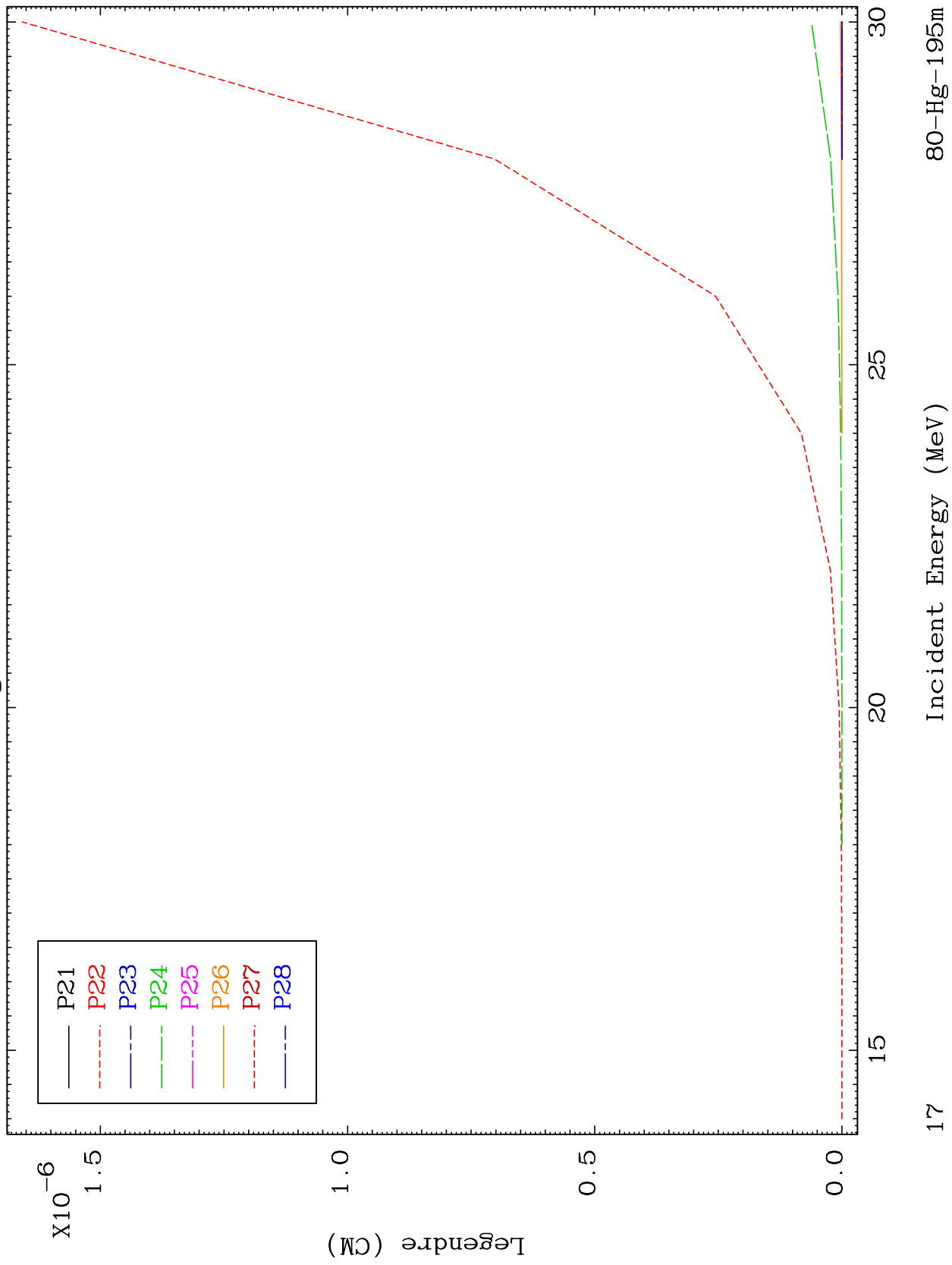




MAT 8023

Elastic Legendre Coefficients

80-Hg-195m



17

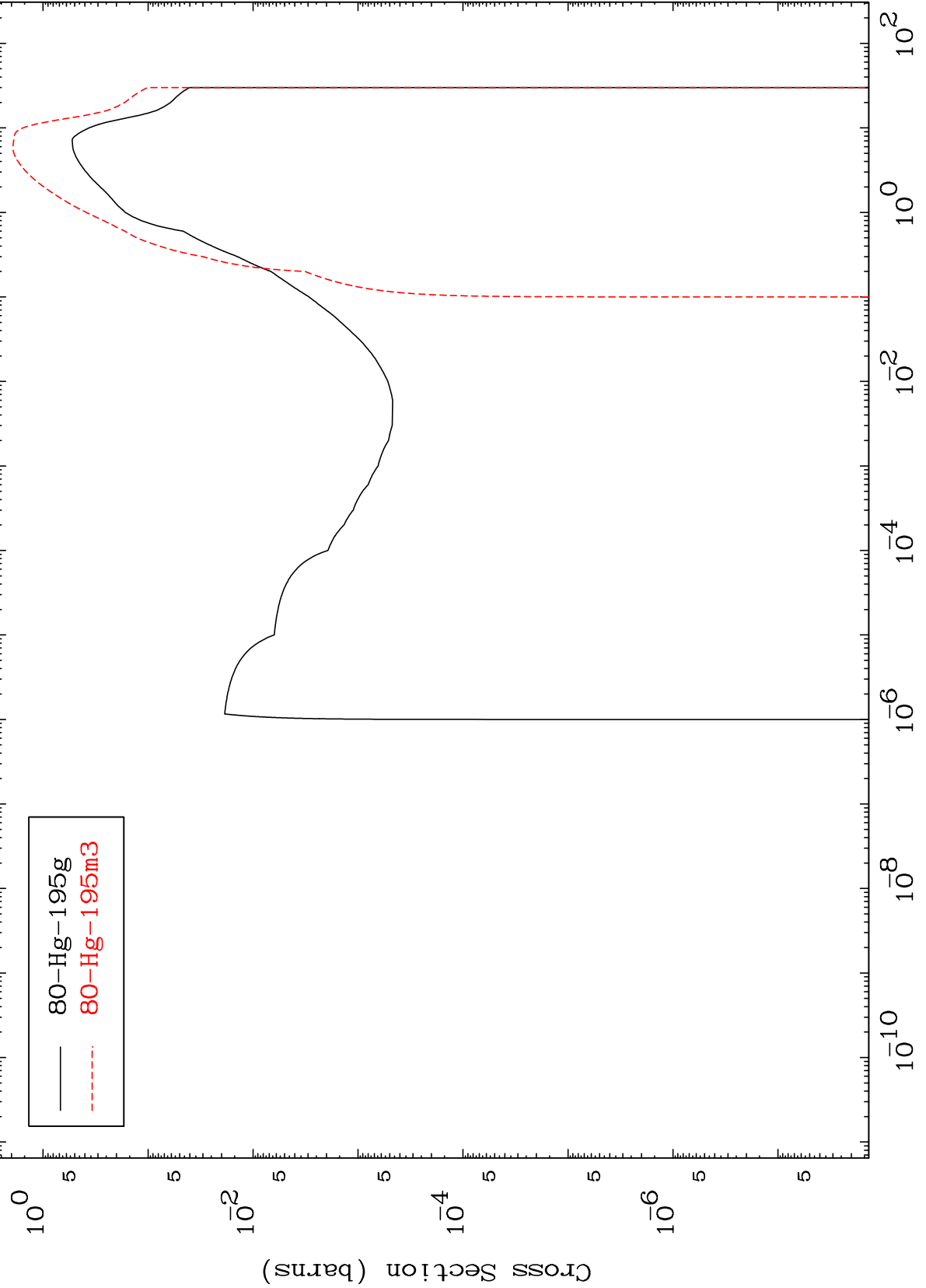
Incident Energy (MeV)

80-Hg-195m

MAT 8023

Inelastic
Radionuclide Production Cross Section

80-Hg-195m



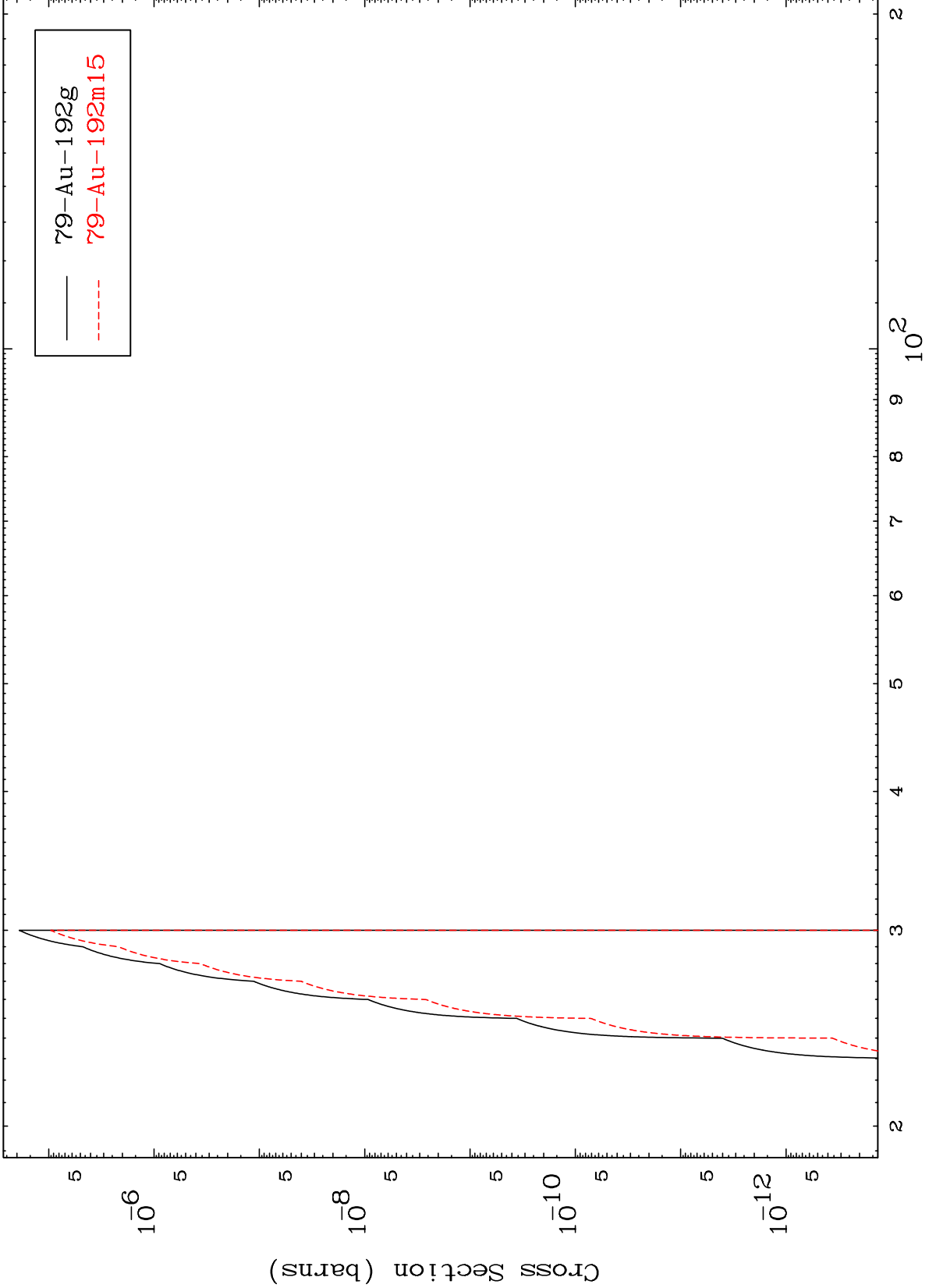
80-Hg-195g
80-Hg-195m3

MAT 8023

(n,2n) d

80-Hg-195m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

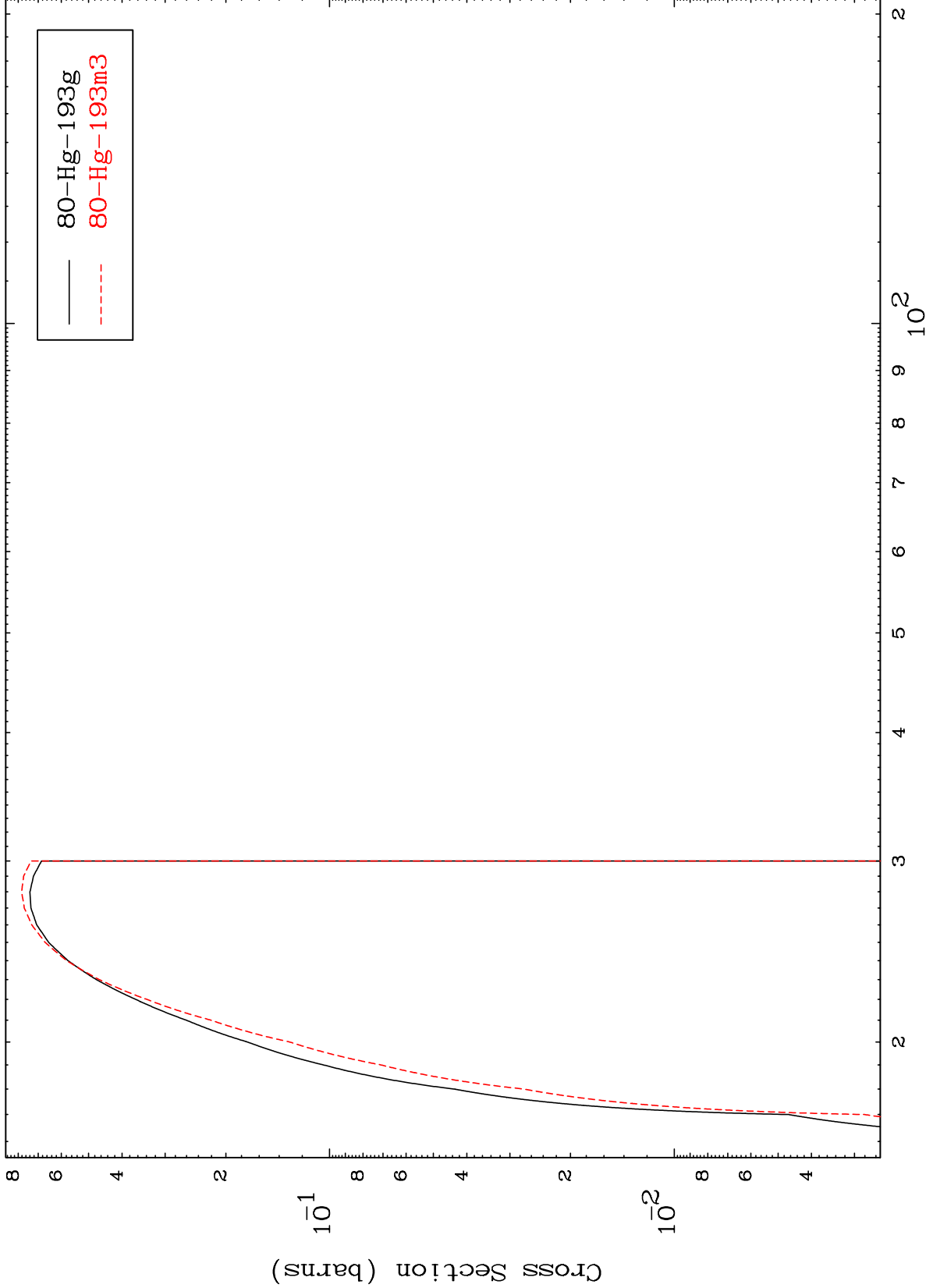
80-Hg-195m

MAT 8023

(n,3n)

80-Hg-195m

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

20

Incident Energy (MeV)

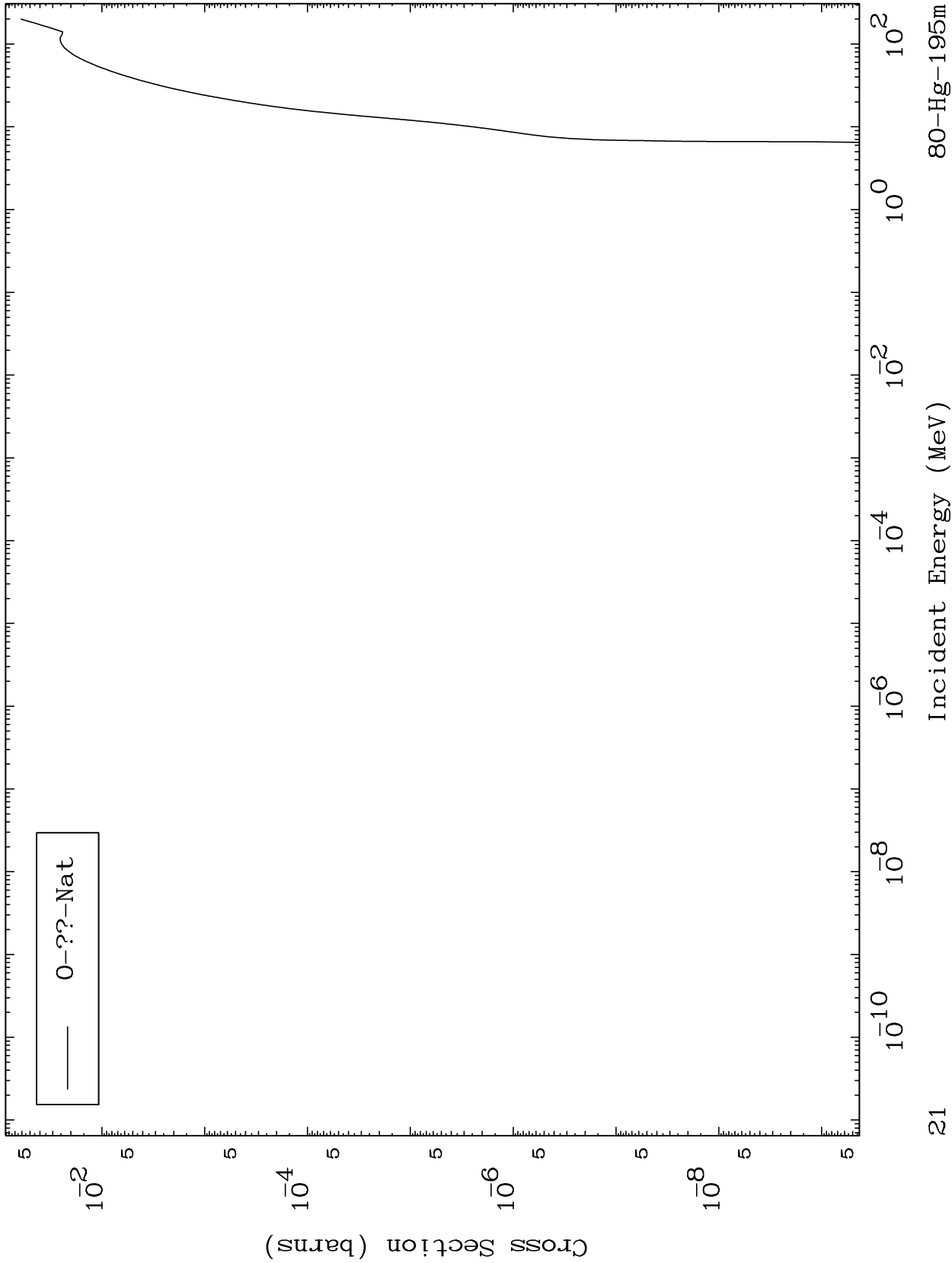
80-Hg-195m

MAT 8023

Fission

80-Hg-195m

Radionuclide Production Cross Section

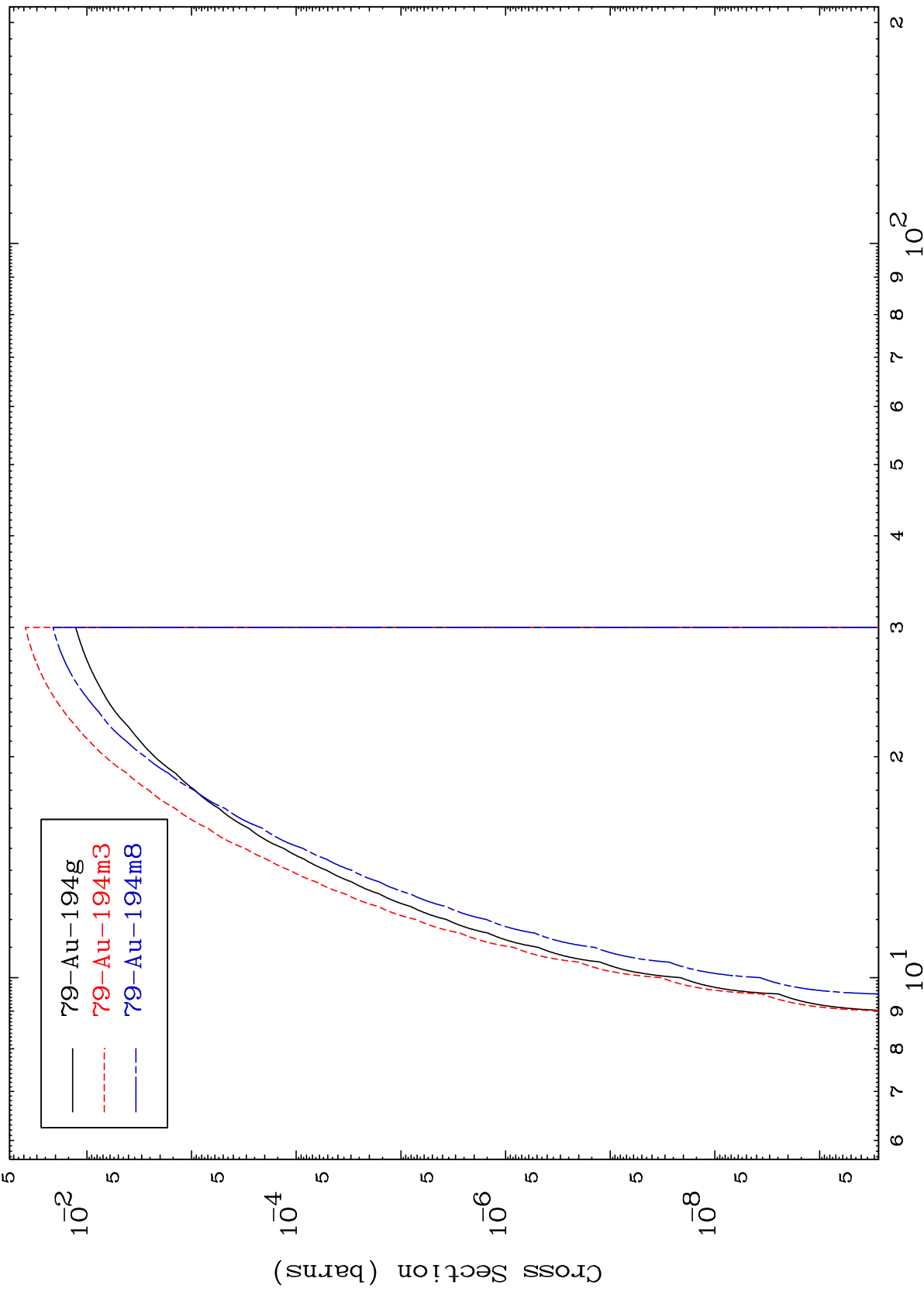


MAT 8023

(n,n') p

80-Hg-195m

Radionuclide Production Cross Section



22

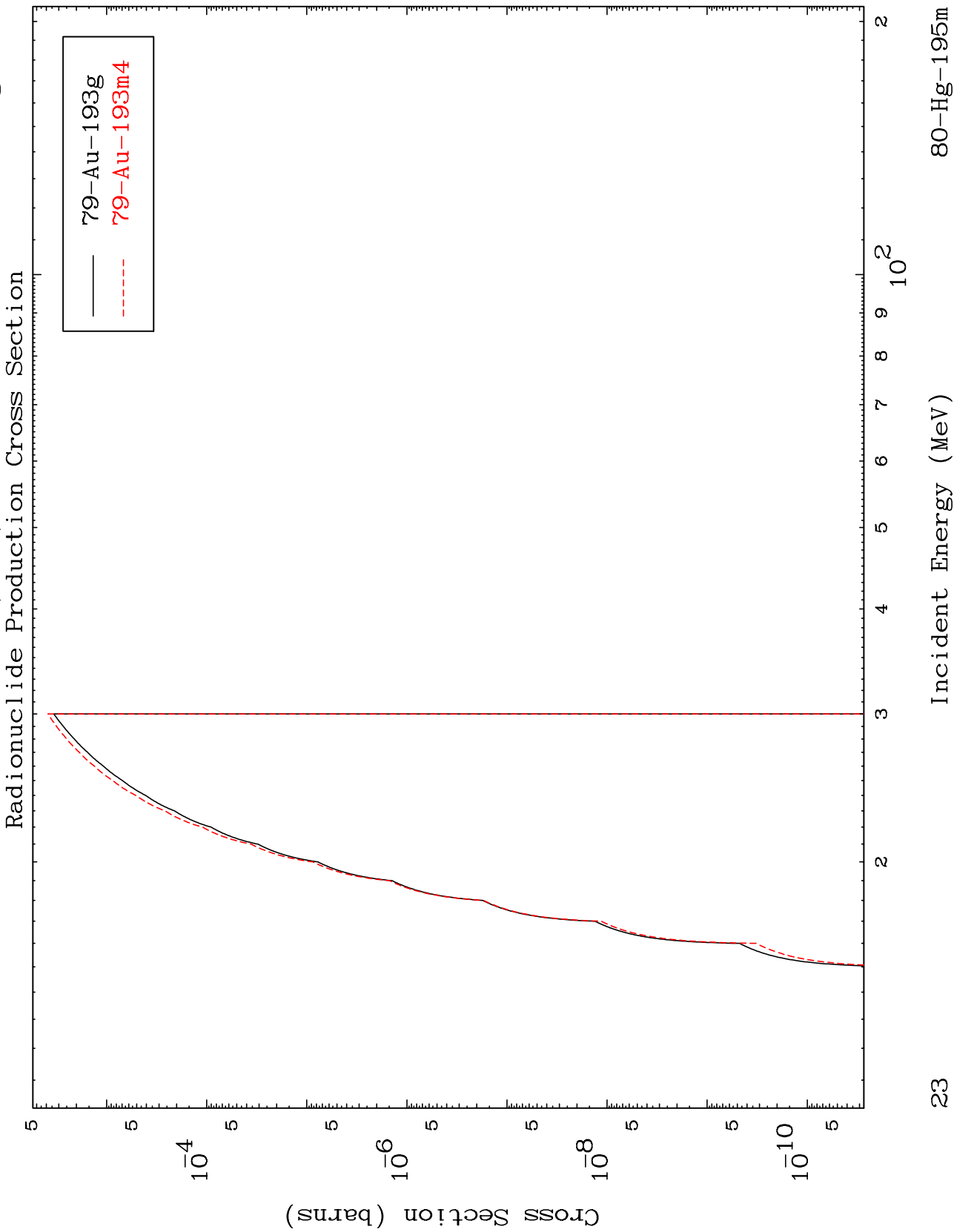
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(n,n') d

80-Hg-195m



23

Incident Energy (MeV)

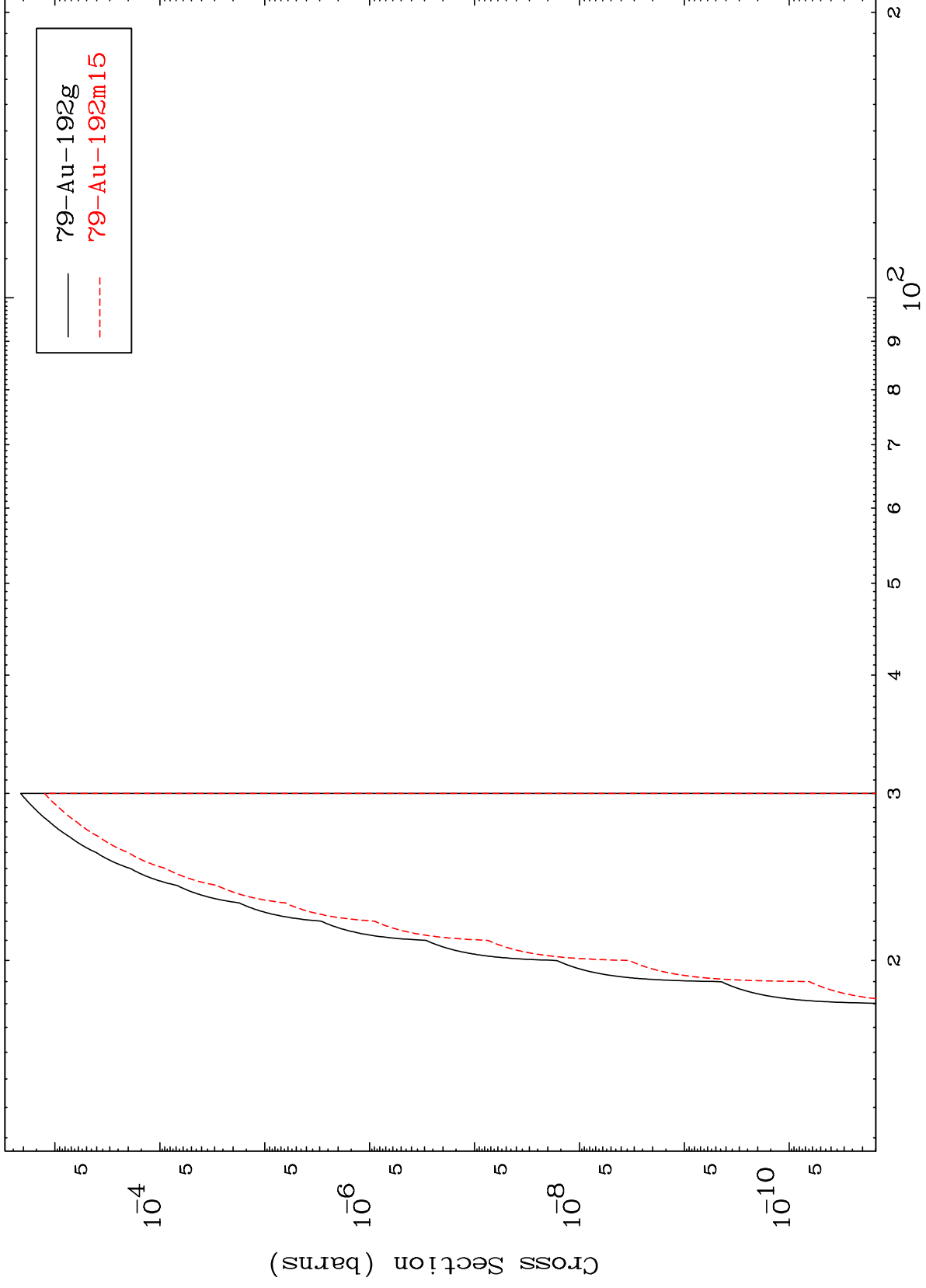
80-Hg-195m

MAT 8023

(n,n') t

80-Hg-195m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

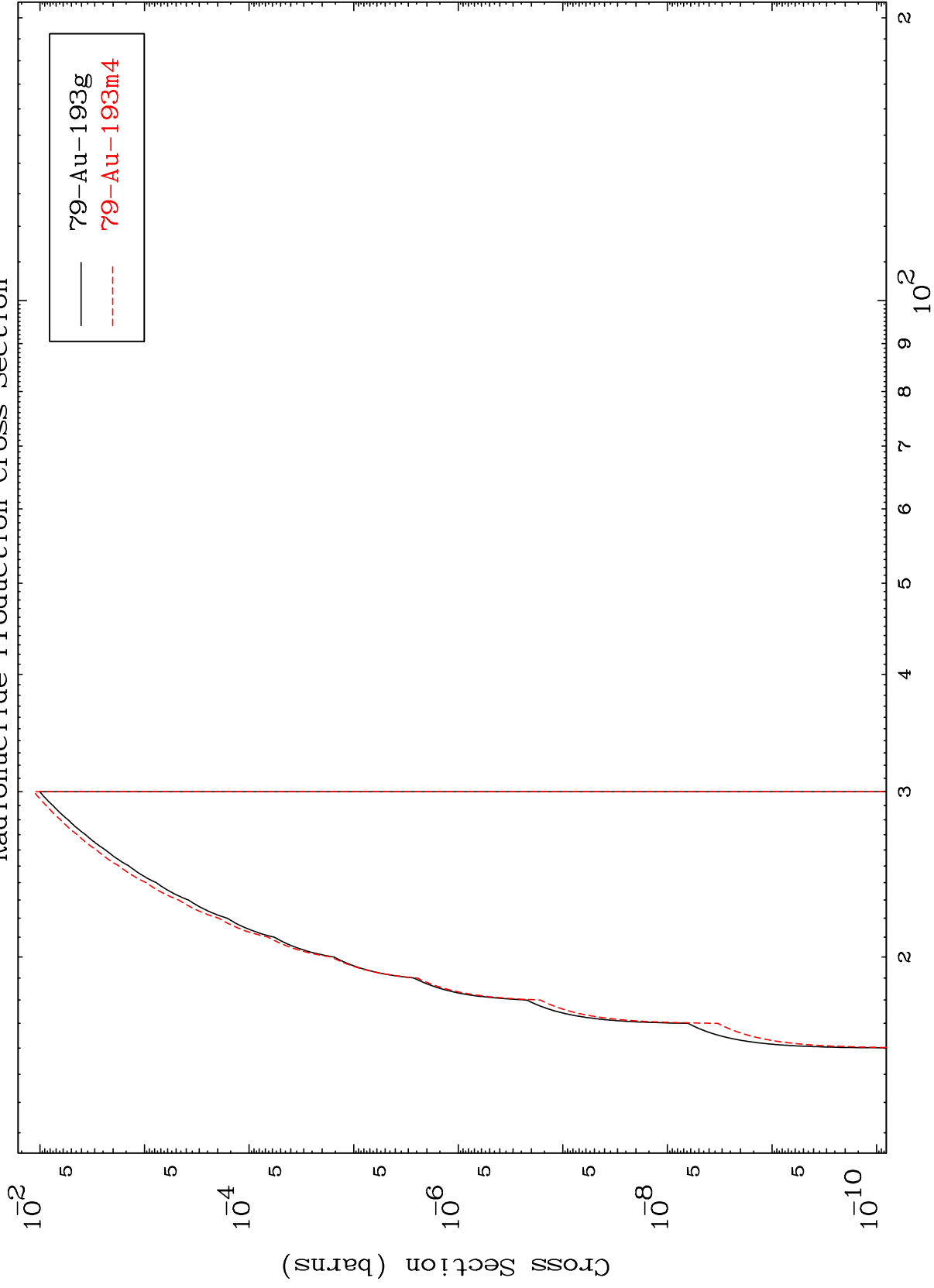
80-Hg-195m

MAT 8023

(n,2n) p

80-Hg-195m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

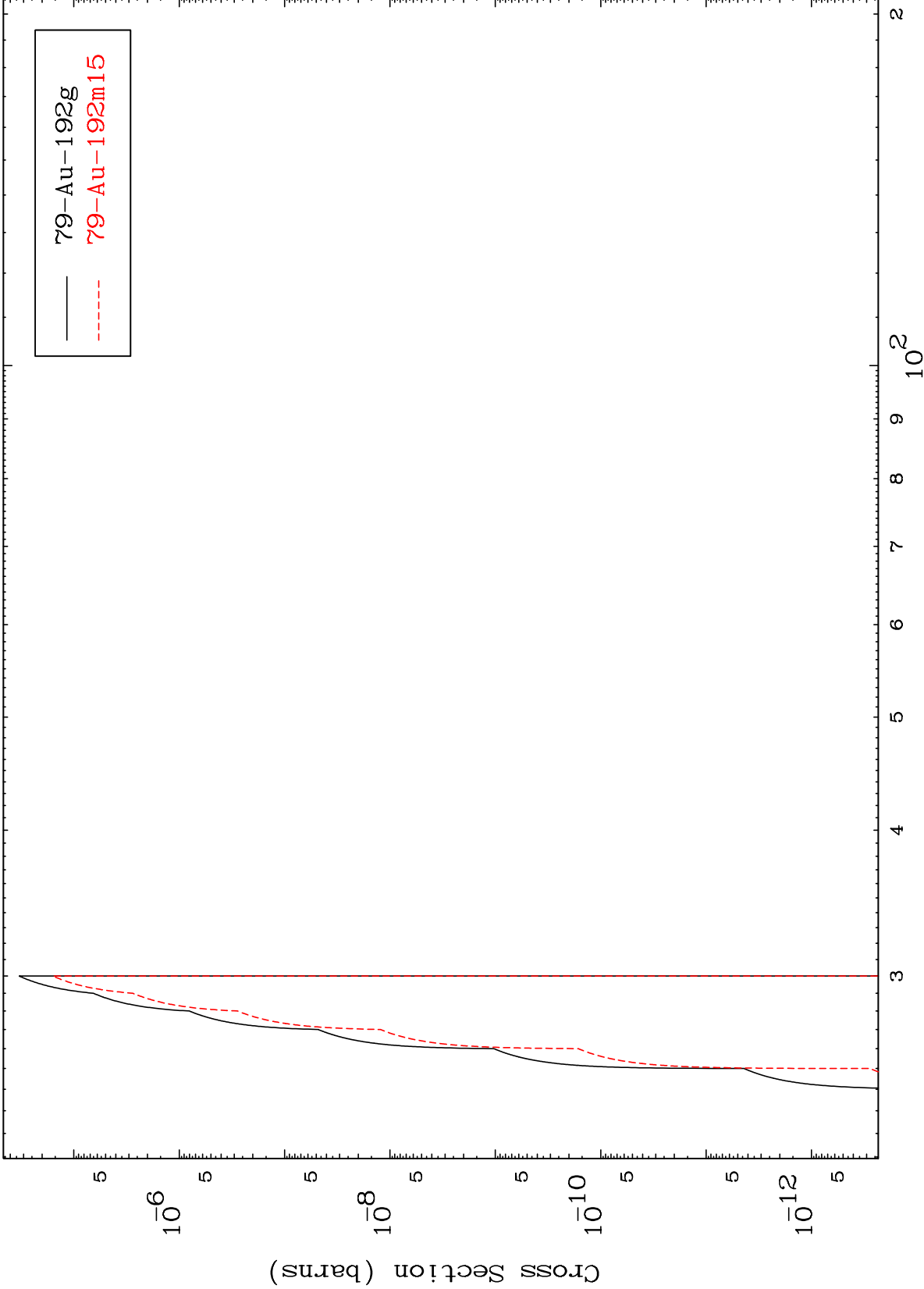
80-Hg-195m

MAT 8023

(n,3n) p

80-Hg-195m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

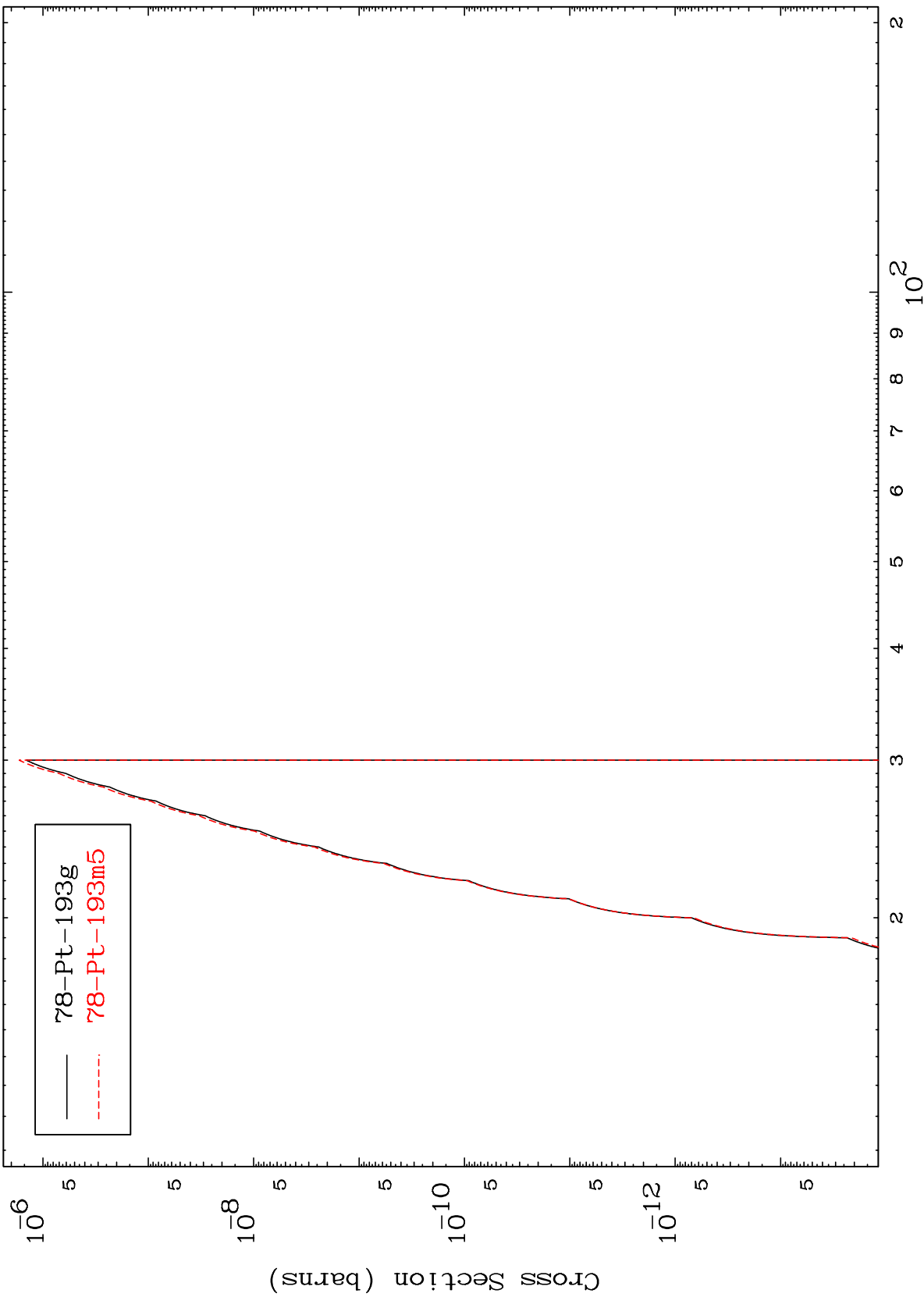
80-Hg-195m

MAT 8023

(n,2n) p

80-Hg-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

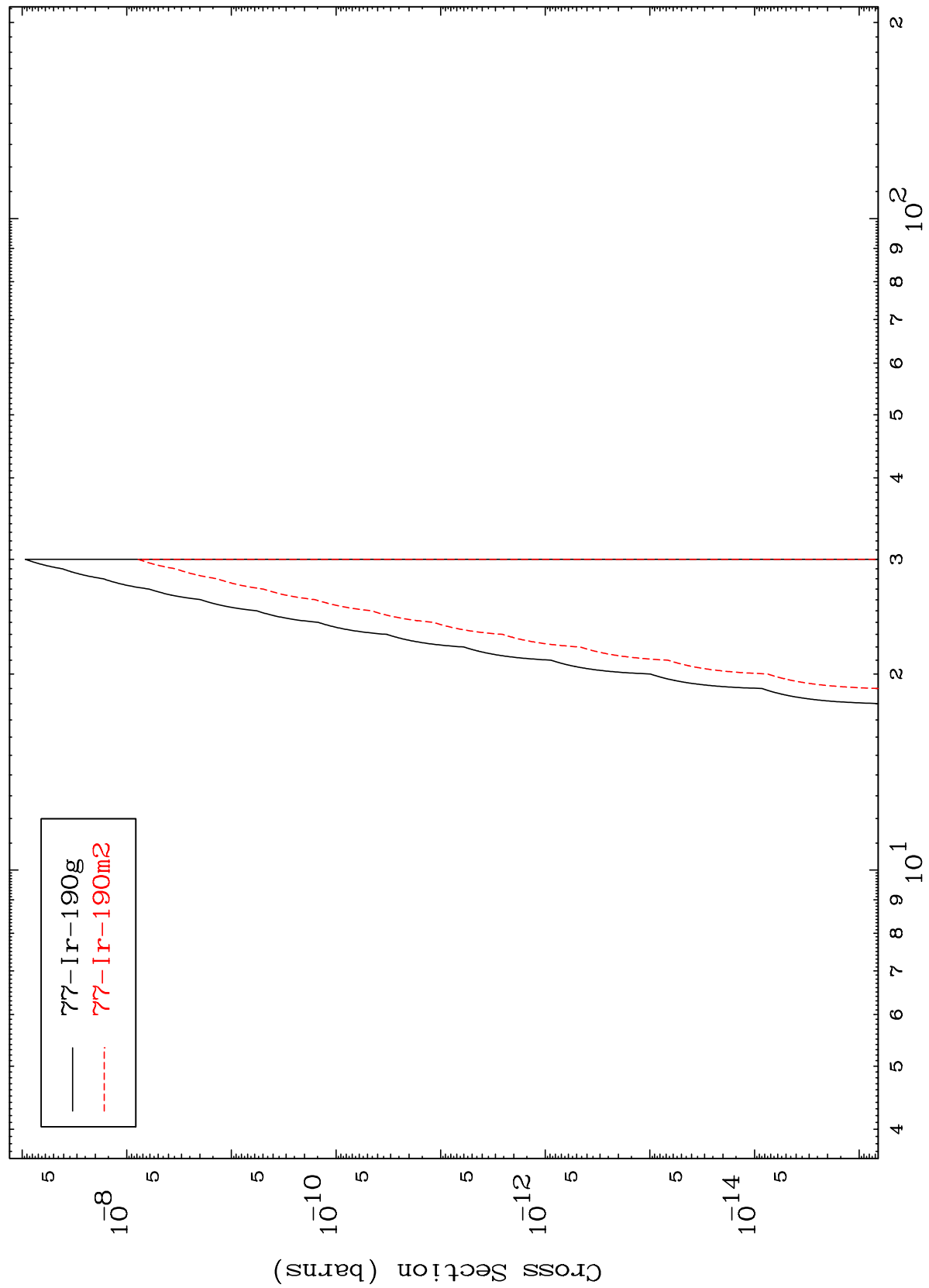
80-Hg-195m

MAT 8023

(n,n') p α

80-Hg-195m

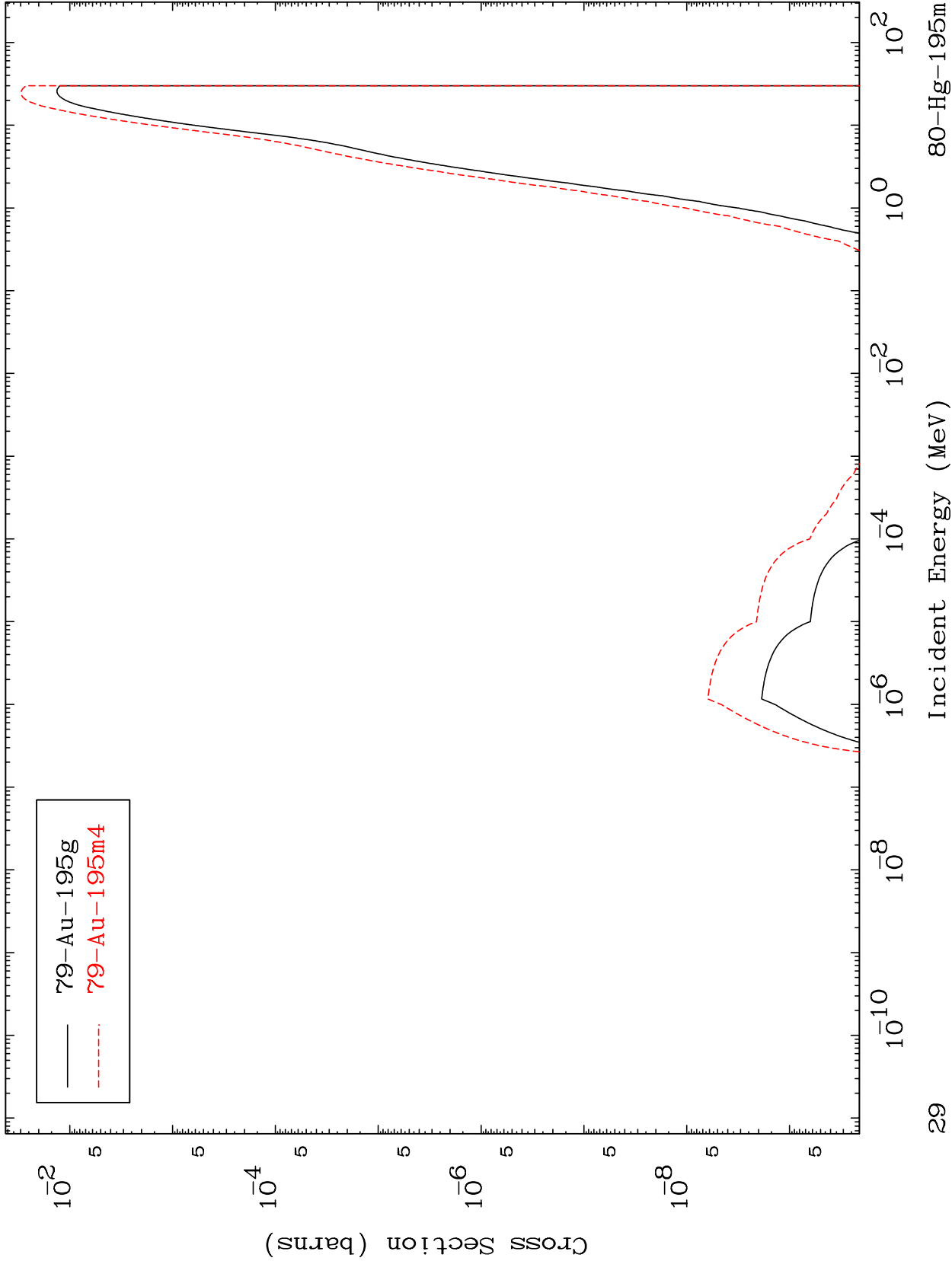
Radionuclide Production Cross Section



MAT 8023

Radionuclide Production Cross Section (n,p)

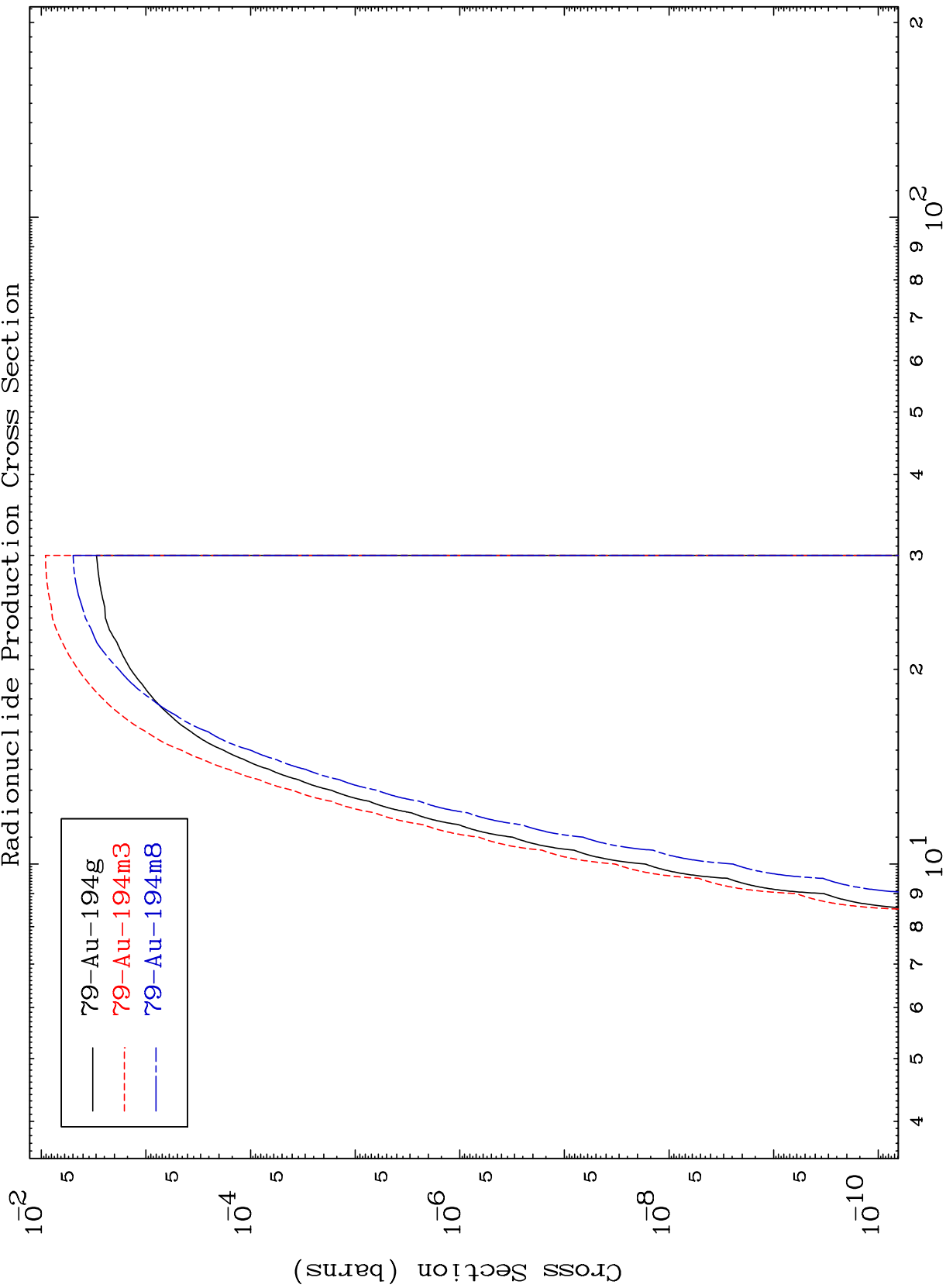
80-Hg-195m



MAT 8023

80-Hg-195m

(n,d)
Radionuclide Production Cross Section



80-Hg-195m

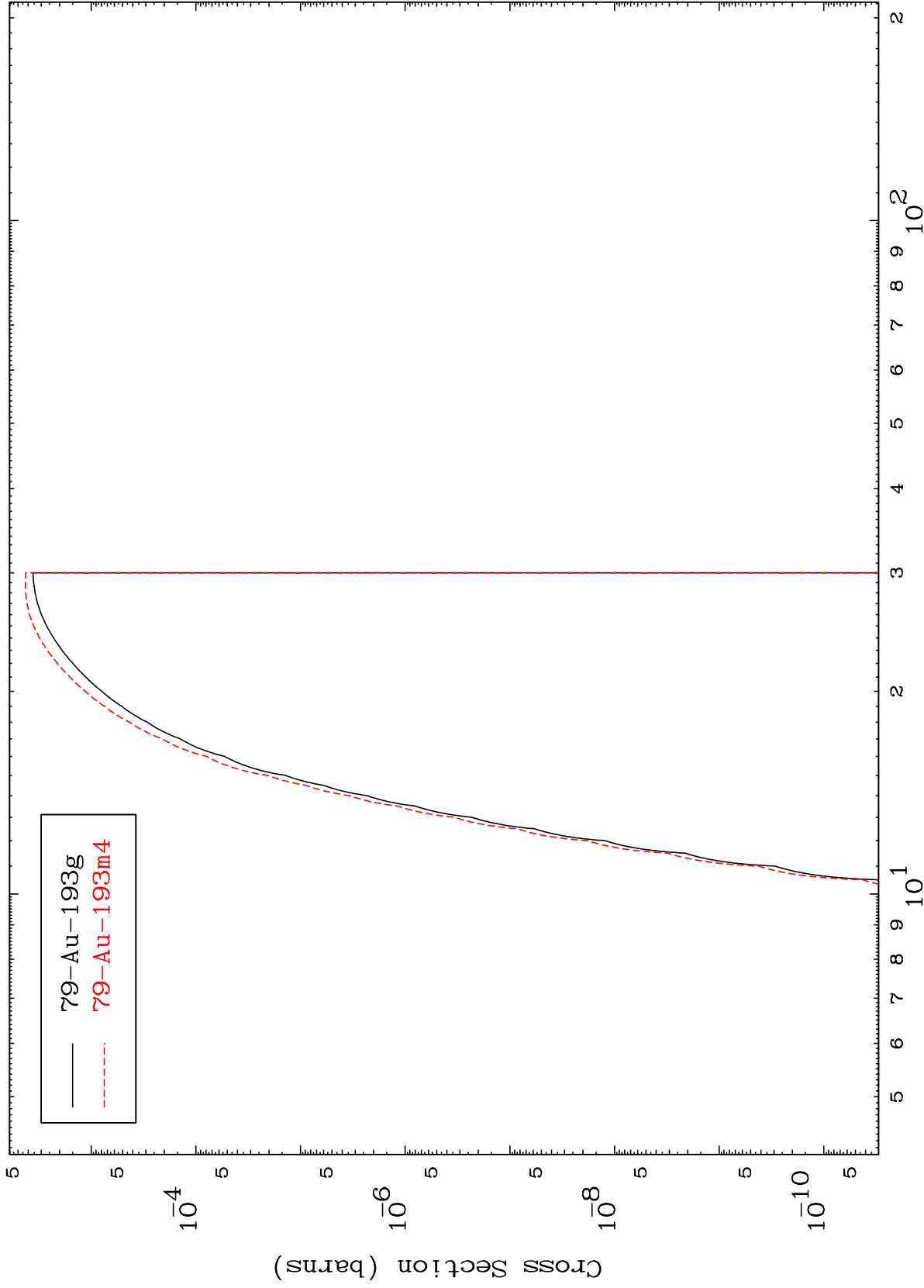
Incident Energy (MeV)

30

MAT 8023

80-Hg-195m

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-195m

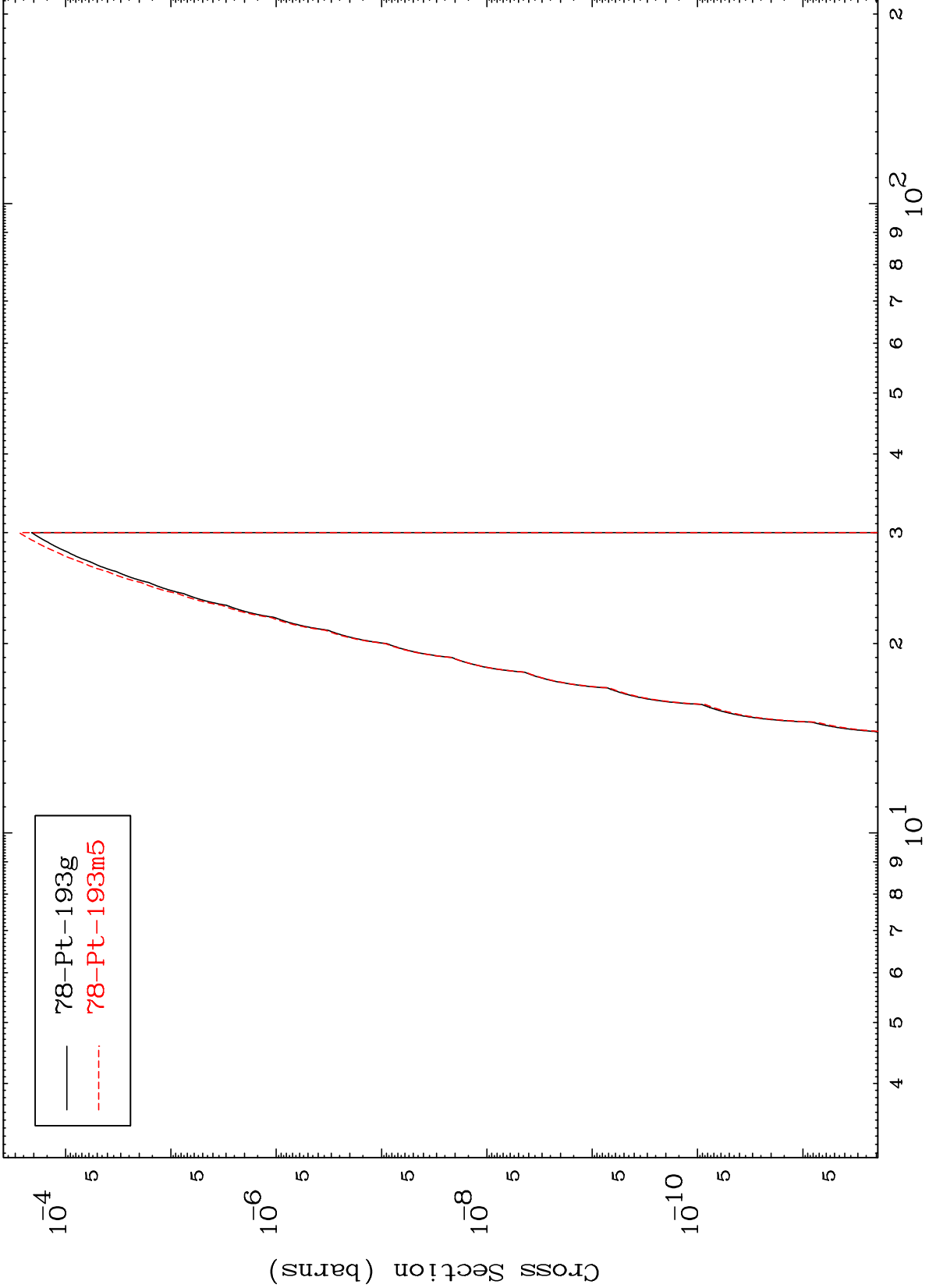
31

MAT 8023

(n,He-3)

80-Hg-195m

Radionuclide Production Cross Section

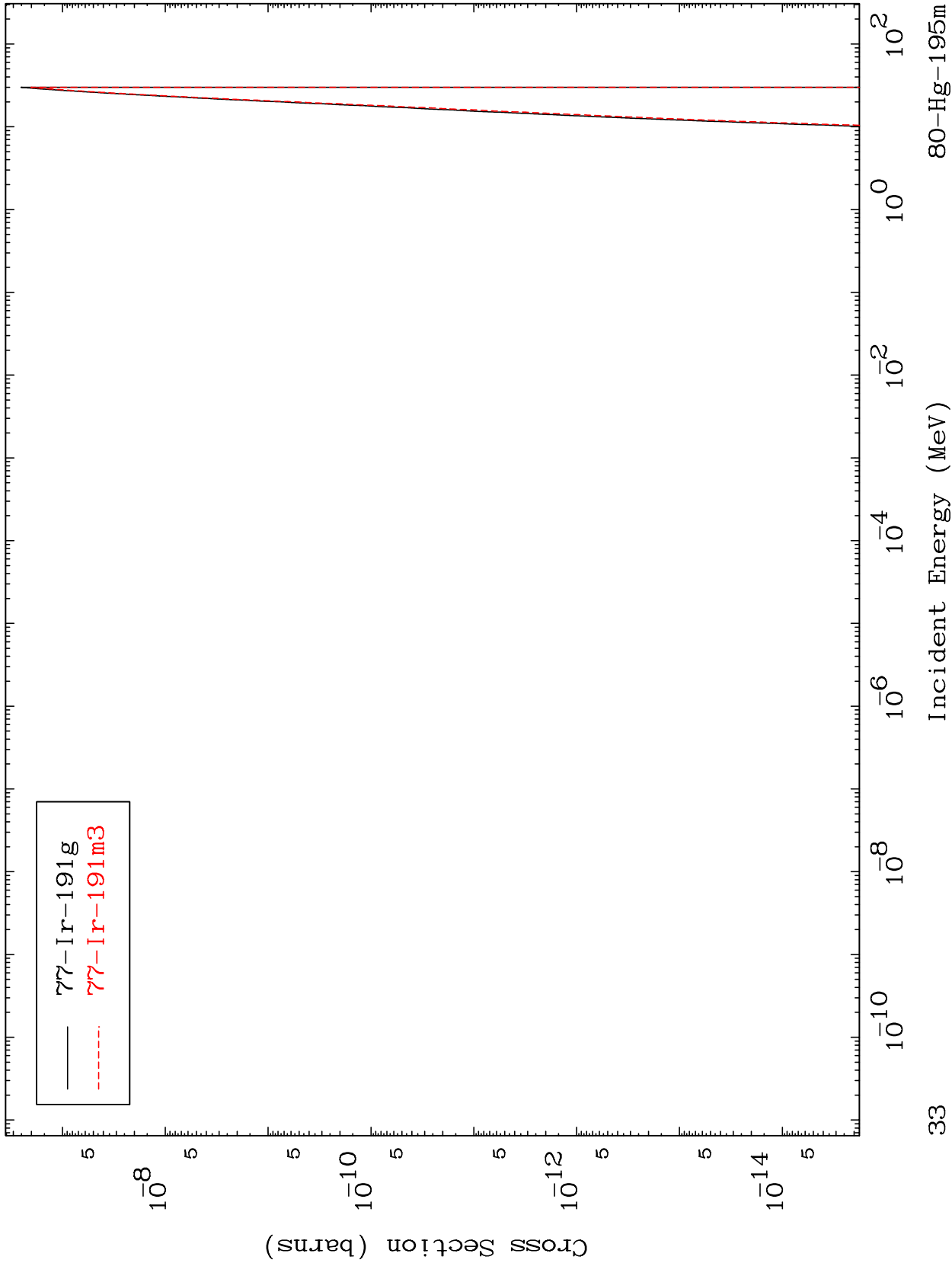


MAT 8023

(n,p) α

80-Hg-195m

Radionuclide Production Cross Section

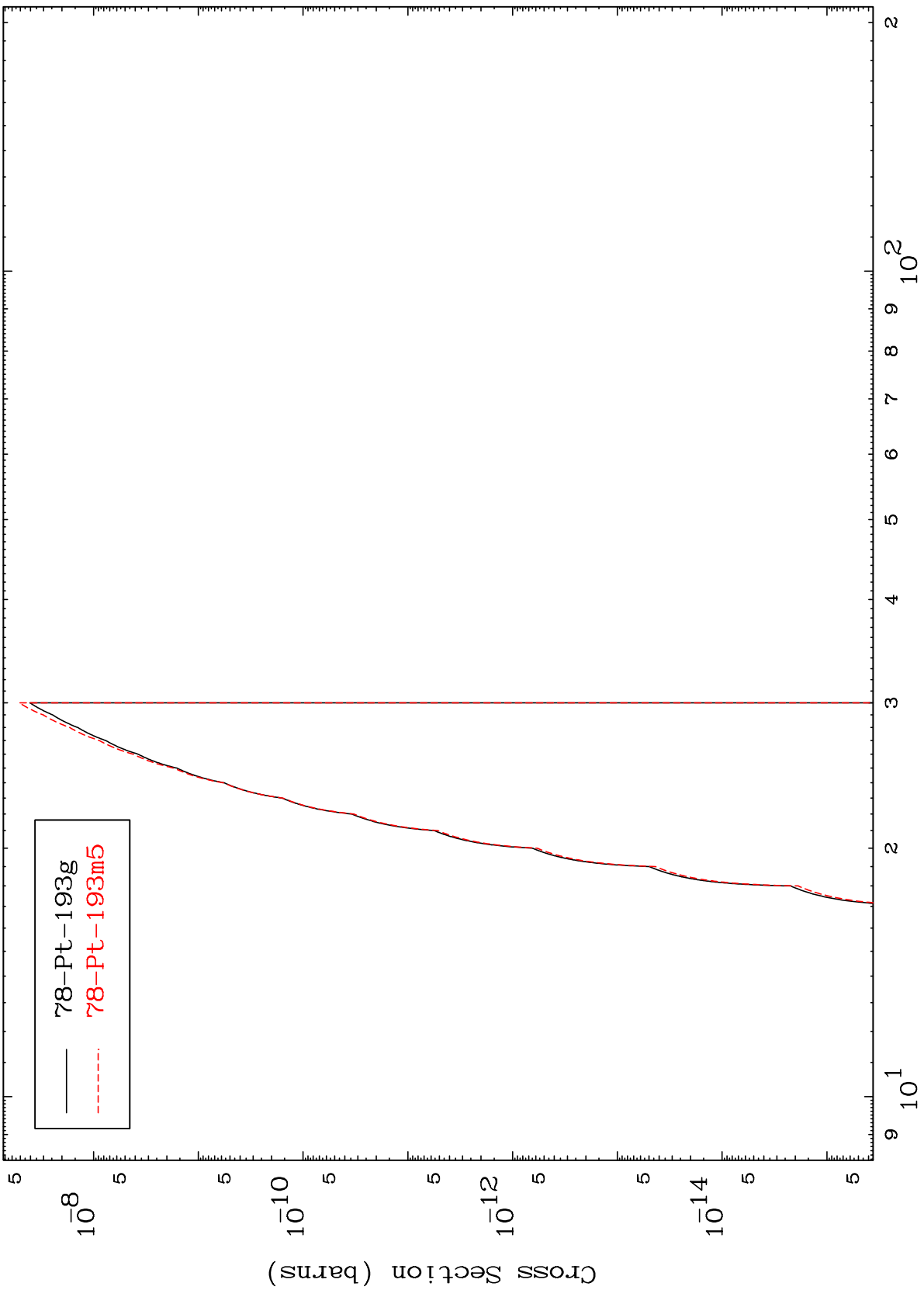


MAT 8023

(n,p) d

80-Hg-195m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

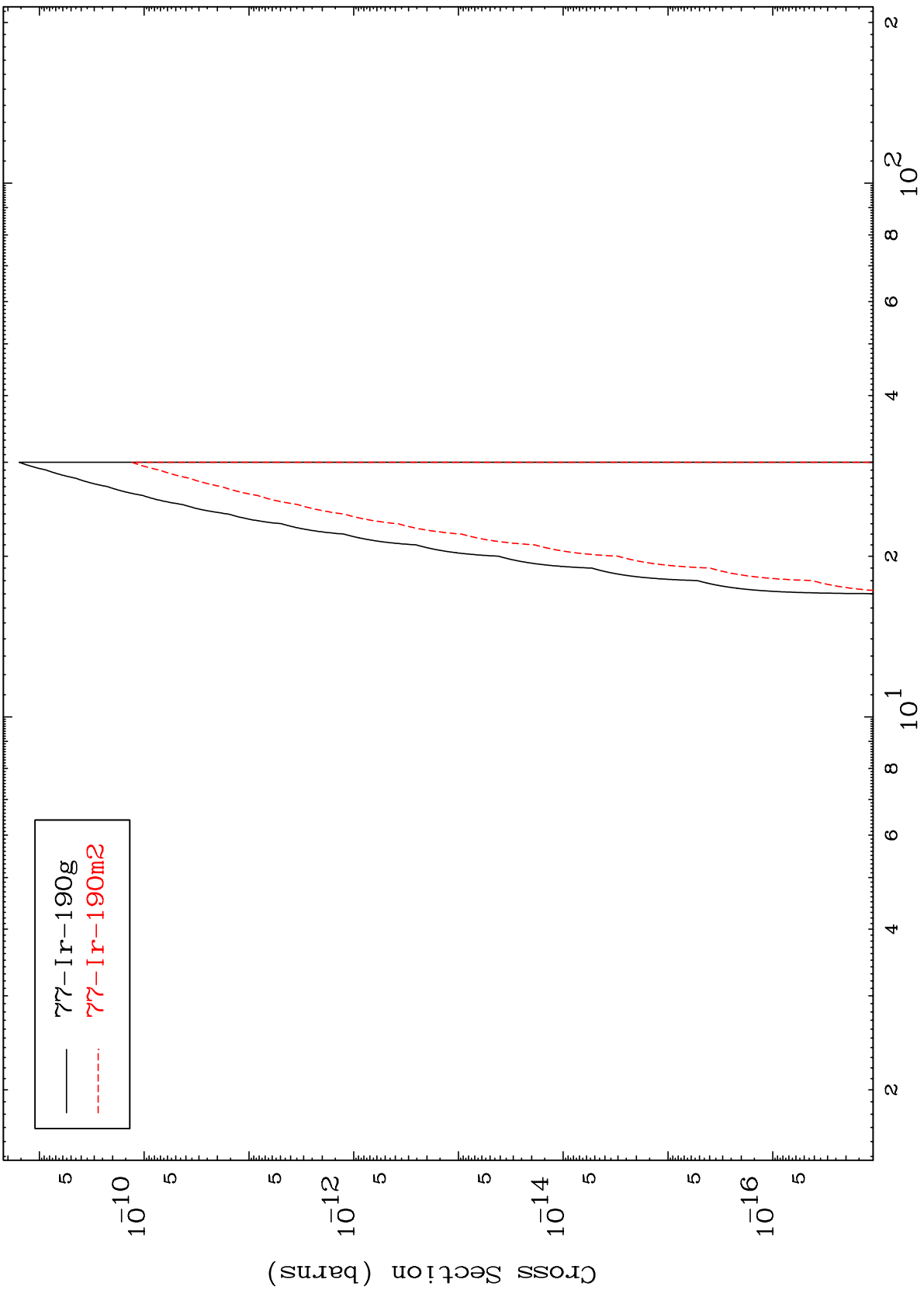
80-Hg-195m

MAT 8023

(n,d) α

80-Hg-195m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

80-Hg-195m