

Program EVALPLOT  
(Version 2018-1)

by

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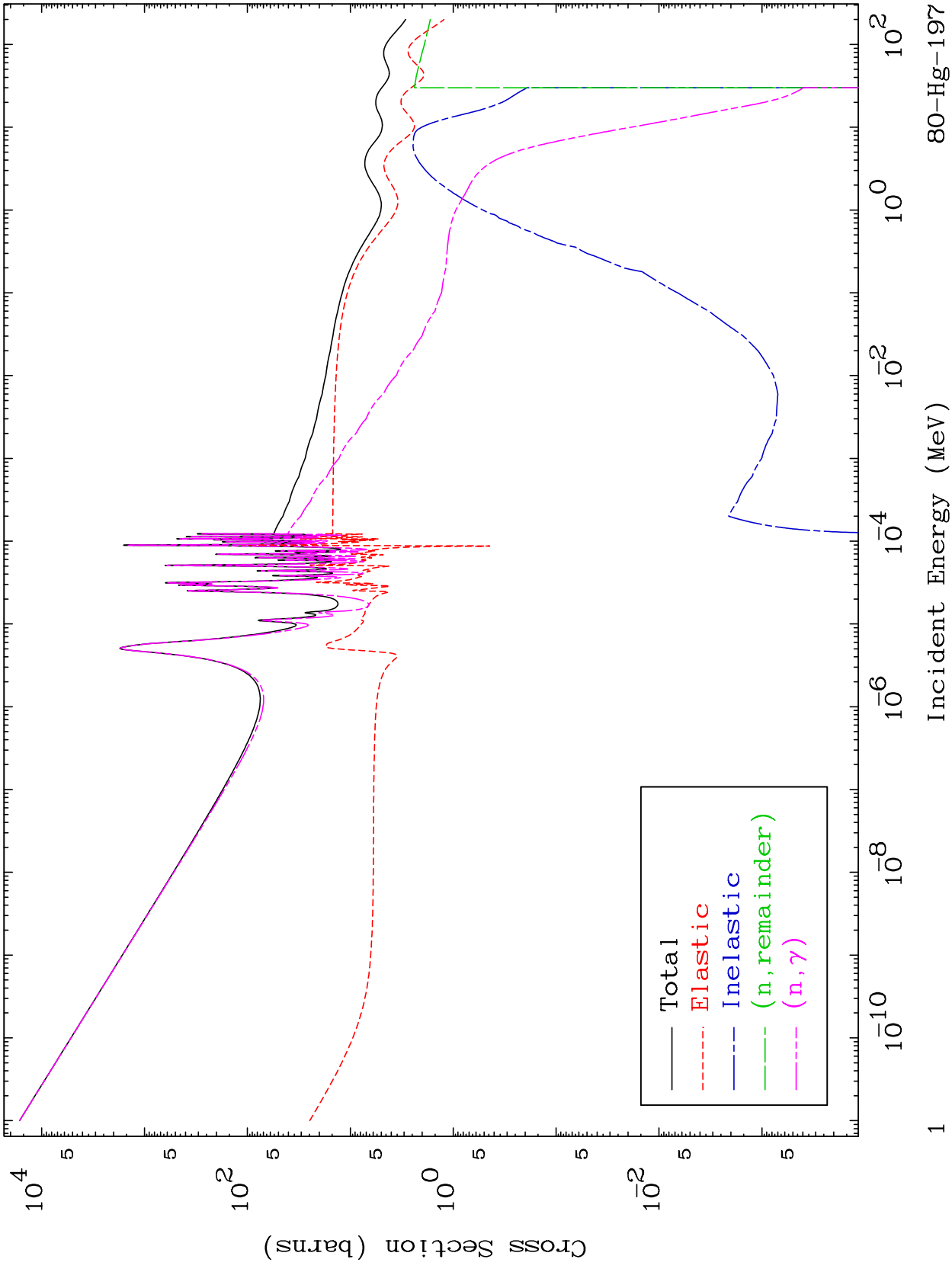
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8029

Major  
293 Kelvin Cross Sections

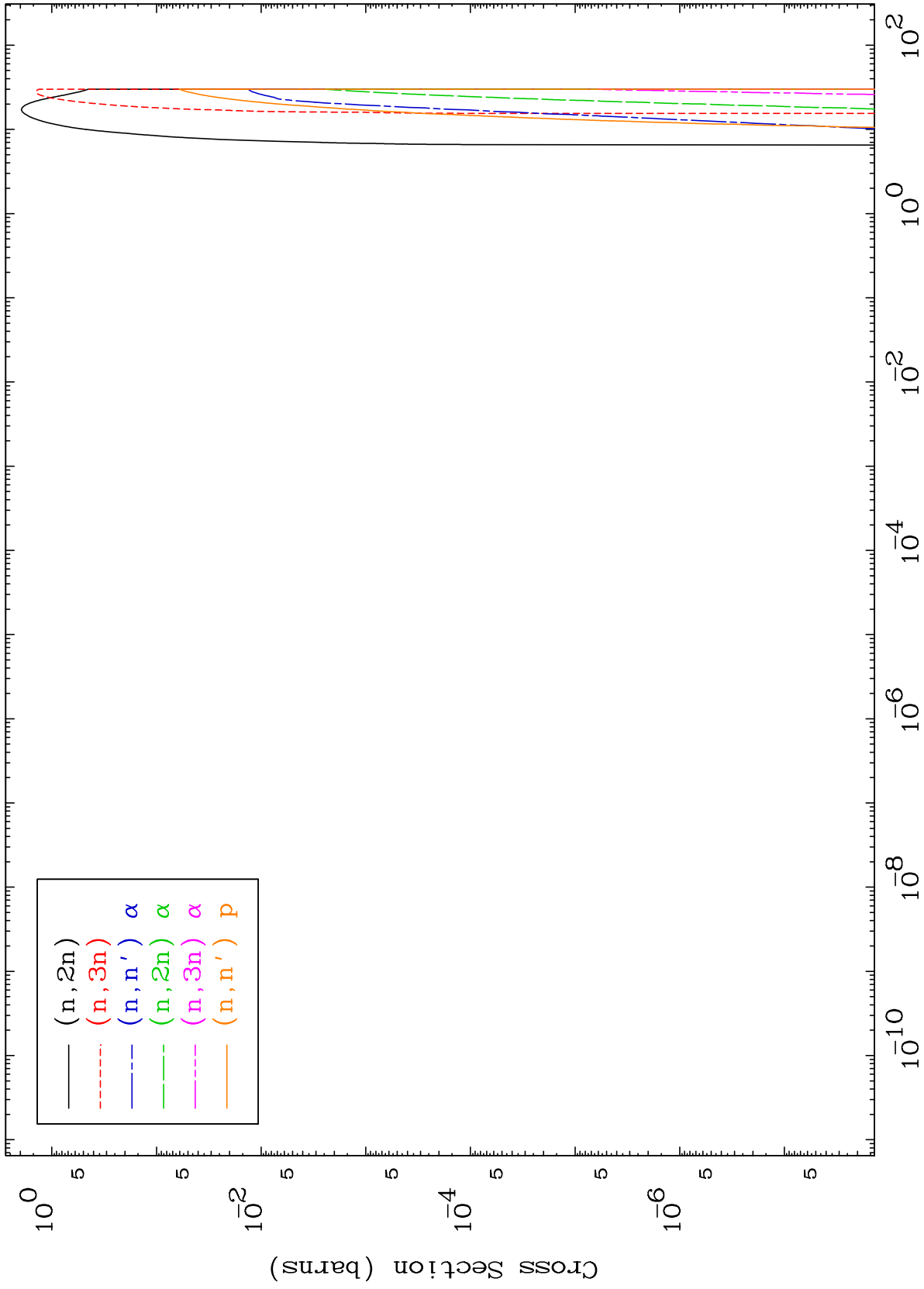
80-Hg-197



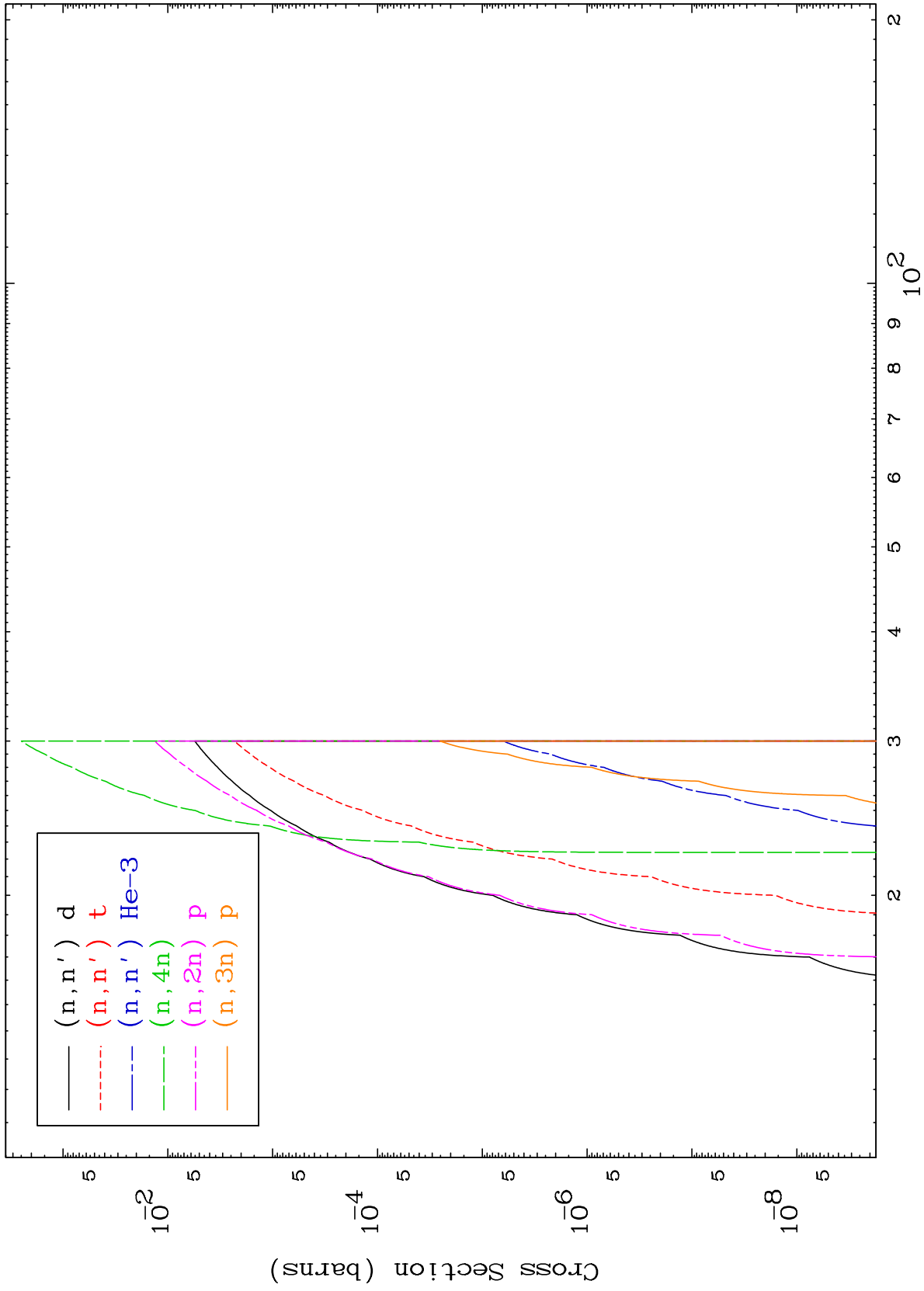
MAT 8029

Neutron Production  
293 Kelvin Cross Sections

80-Hg-197



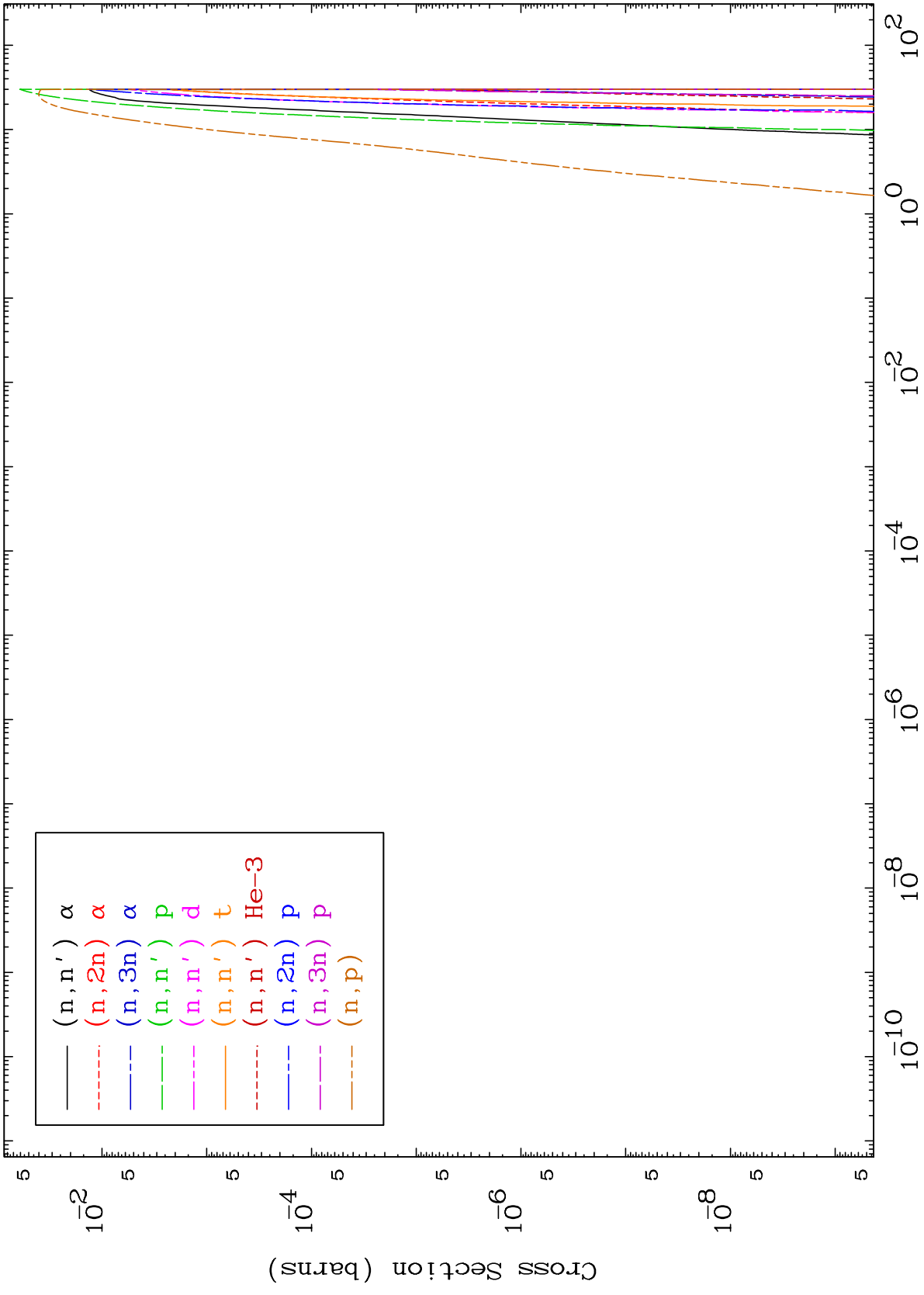
80-Hg-197



MAT 8029

293 Kelvin Cross Sections

80-Hg-197

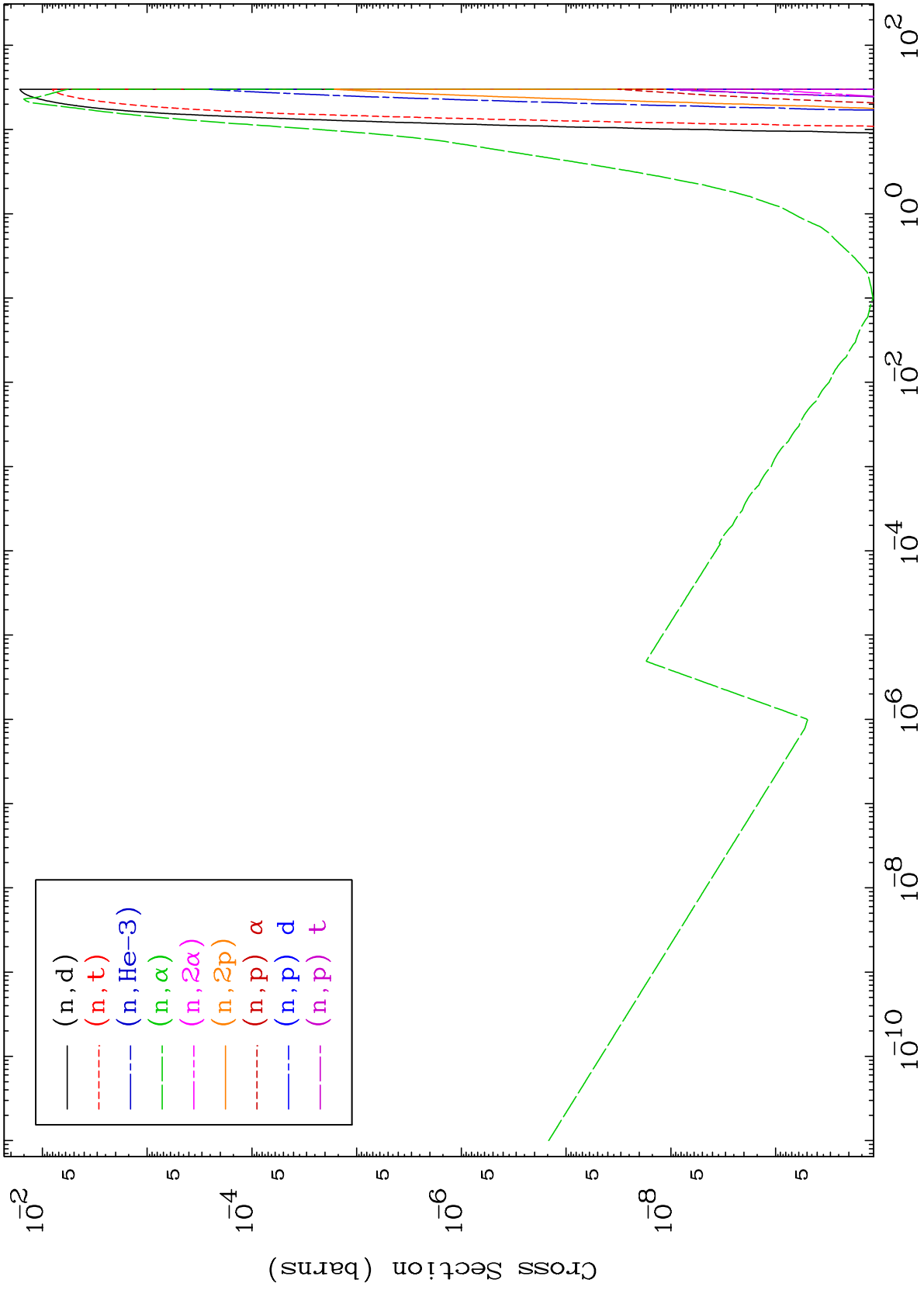


80-Hg-197

MAT 8029

293 Kelvin Cross Sections

80-Hg-197



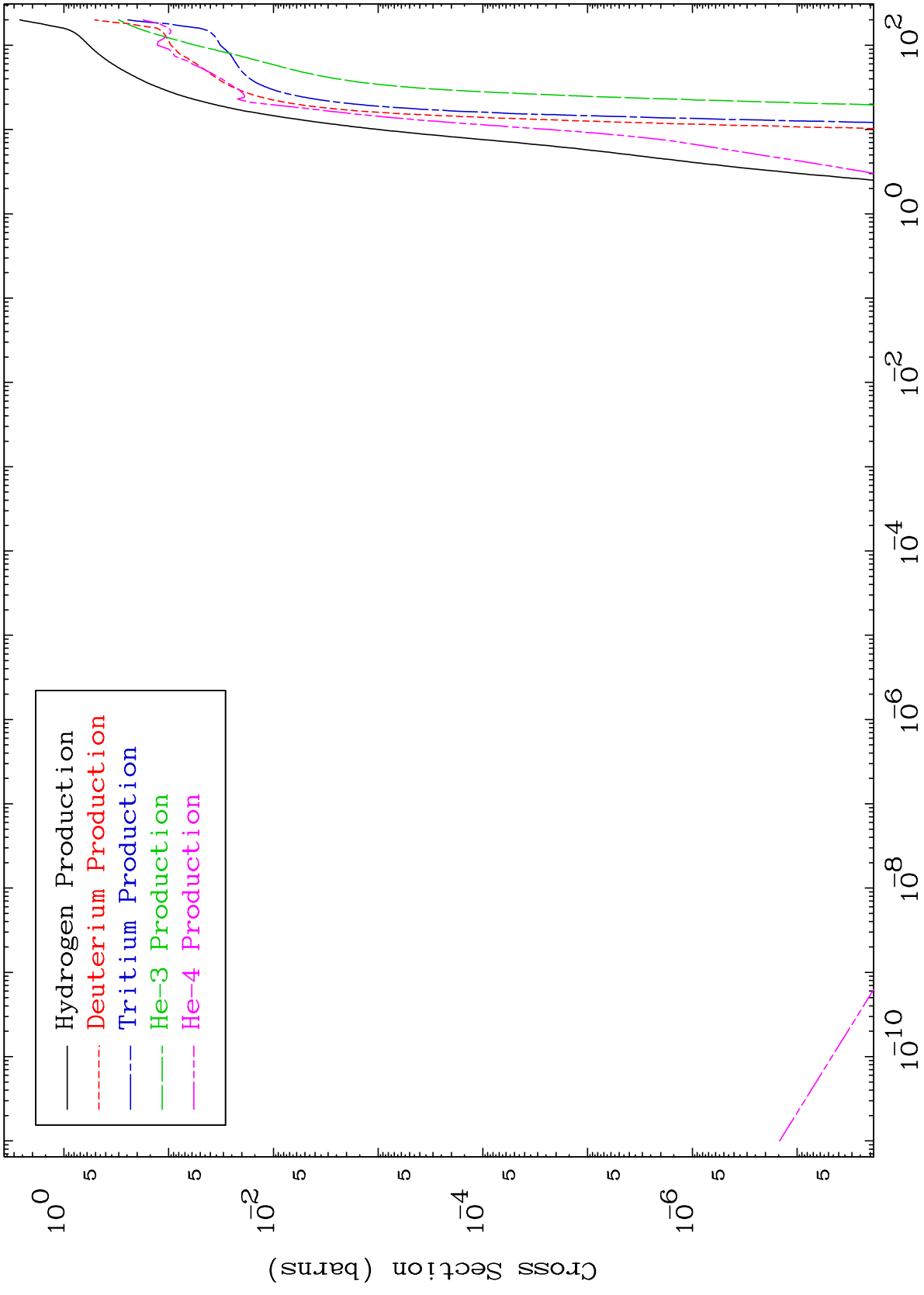
5

80-Hg-197

MAT 8029

Particle Production  
293 Kelvin Cross Sections

80-Hg-197

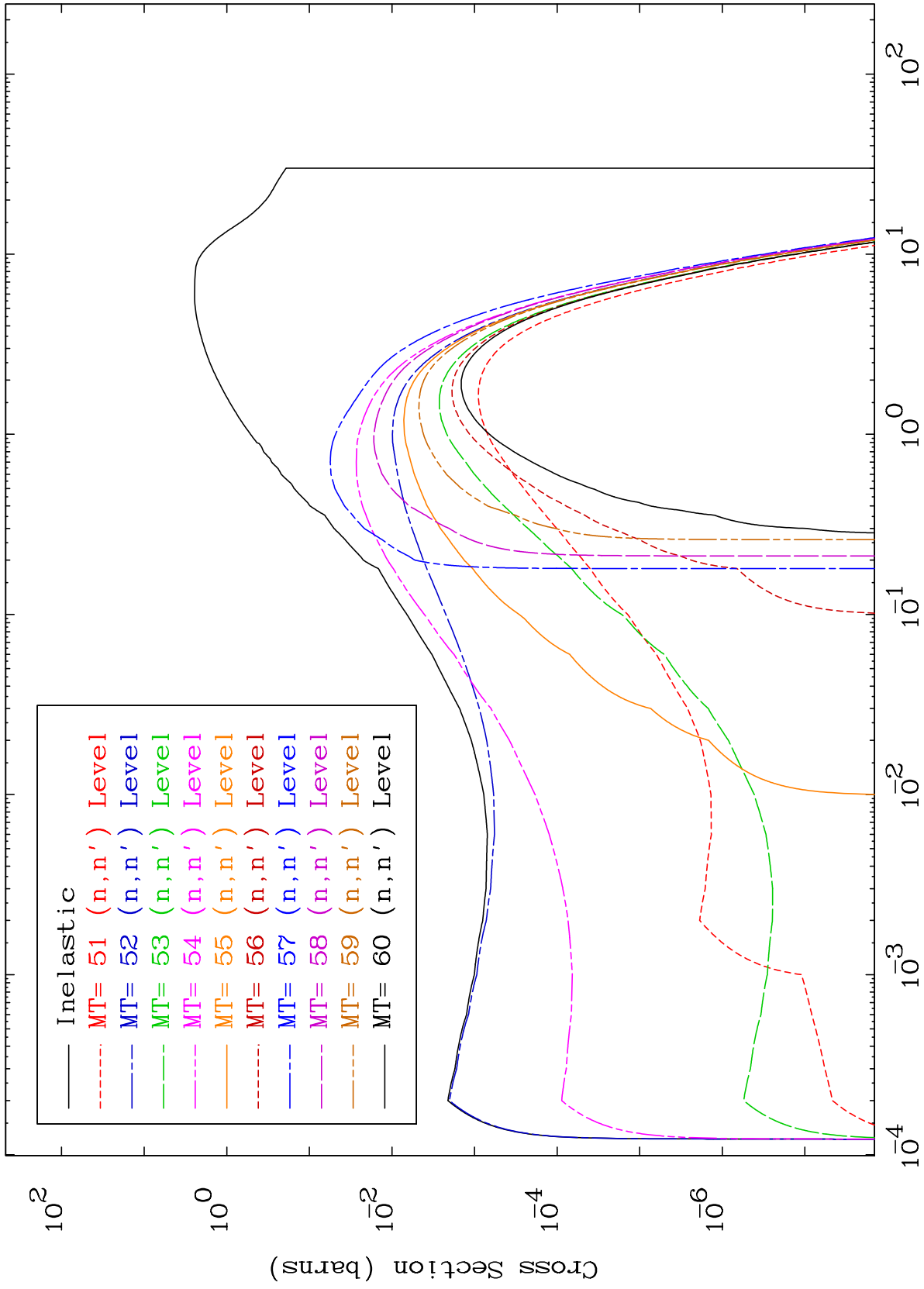


80-Hg-197

MAT 8029

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-197



7

Incident Energy (MeV)

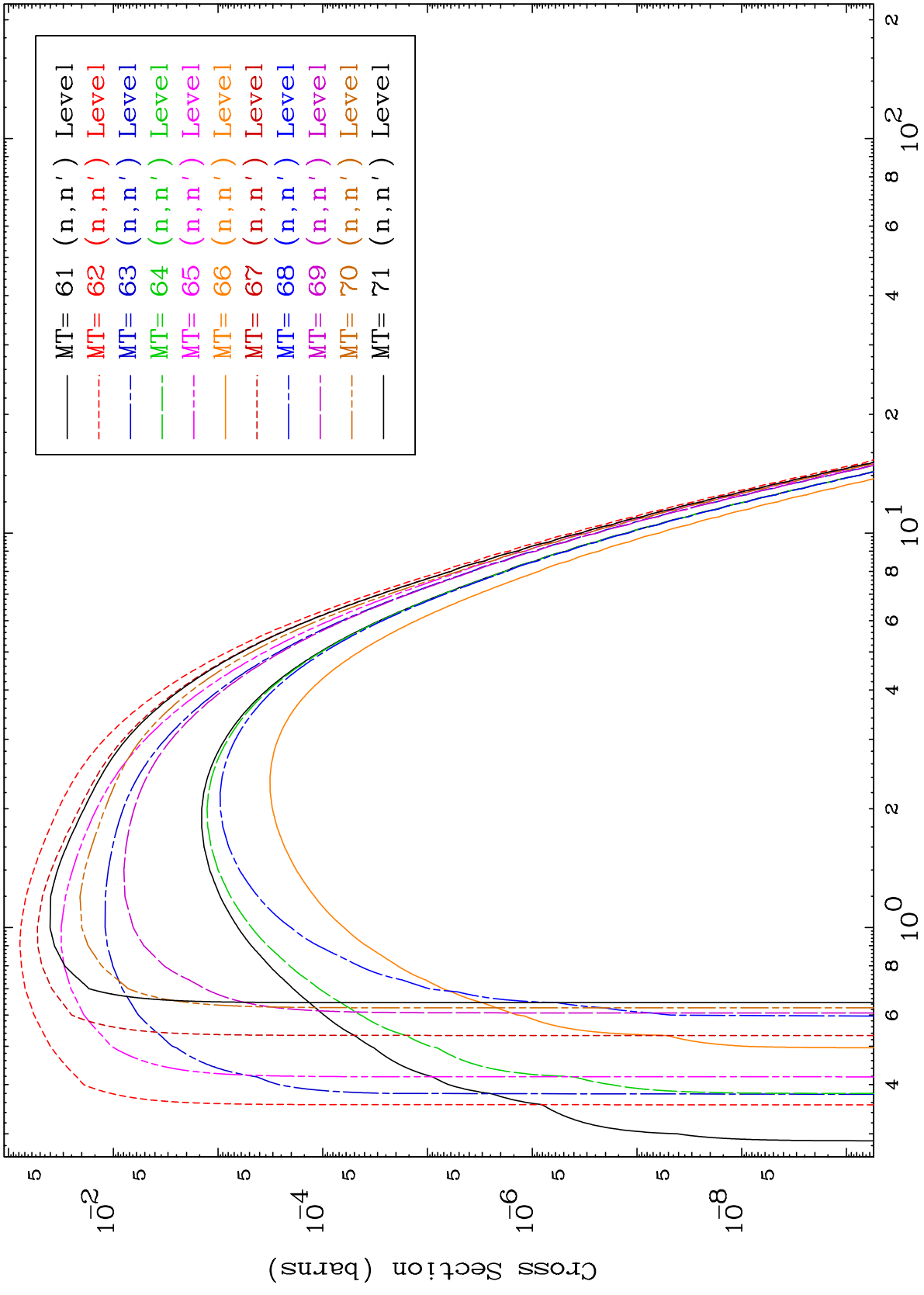
80-Hg-197



MAT 8029

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-197



8

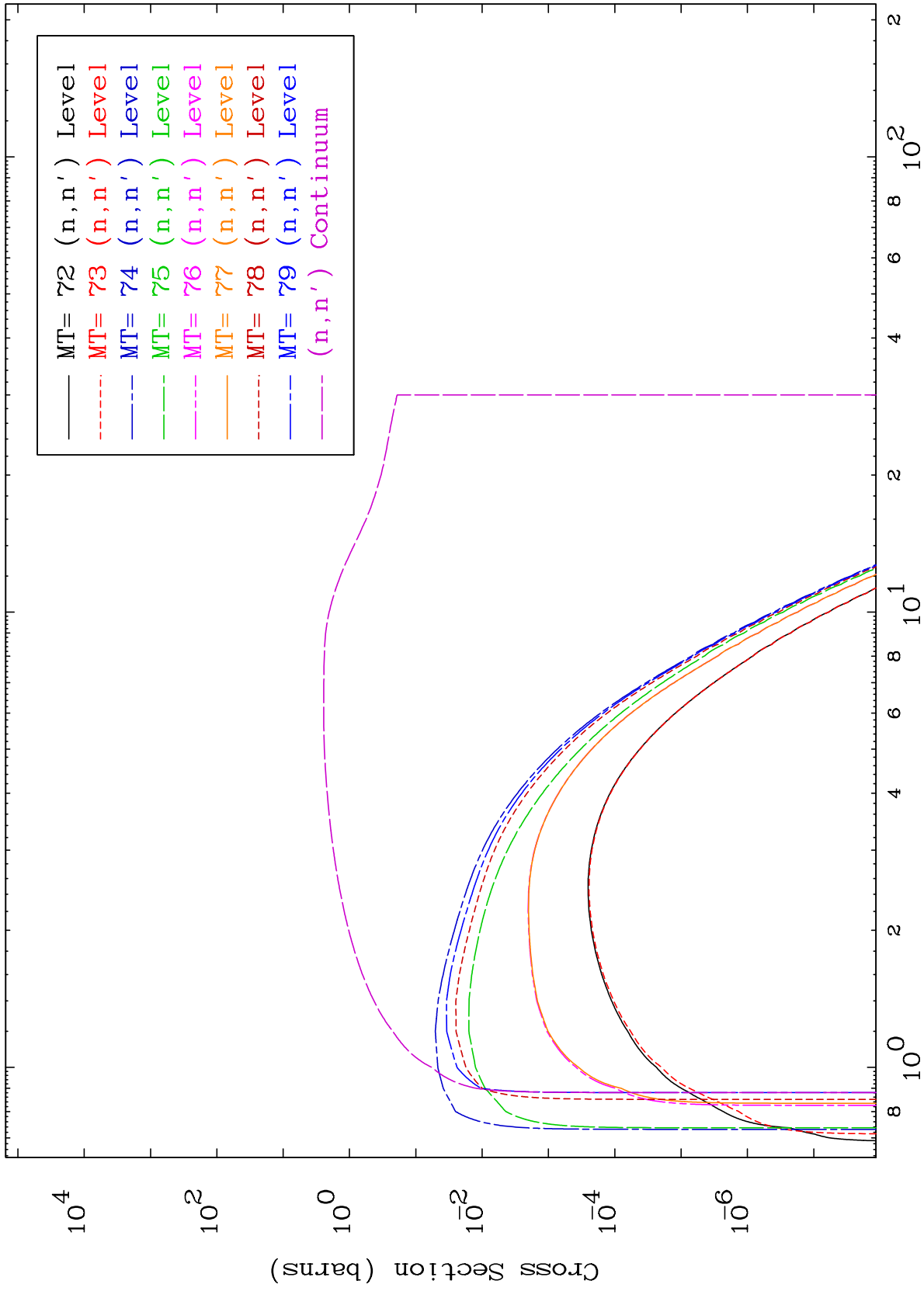
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-197



9

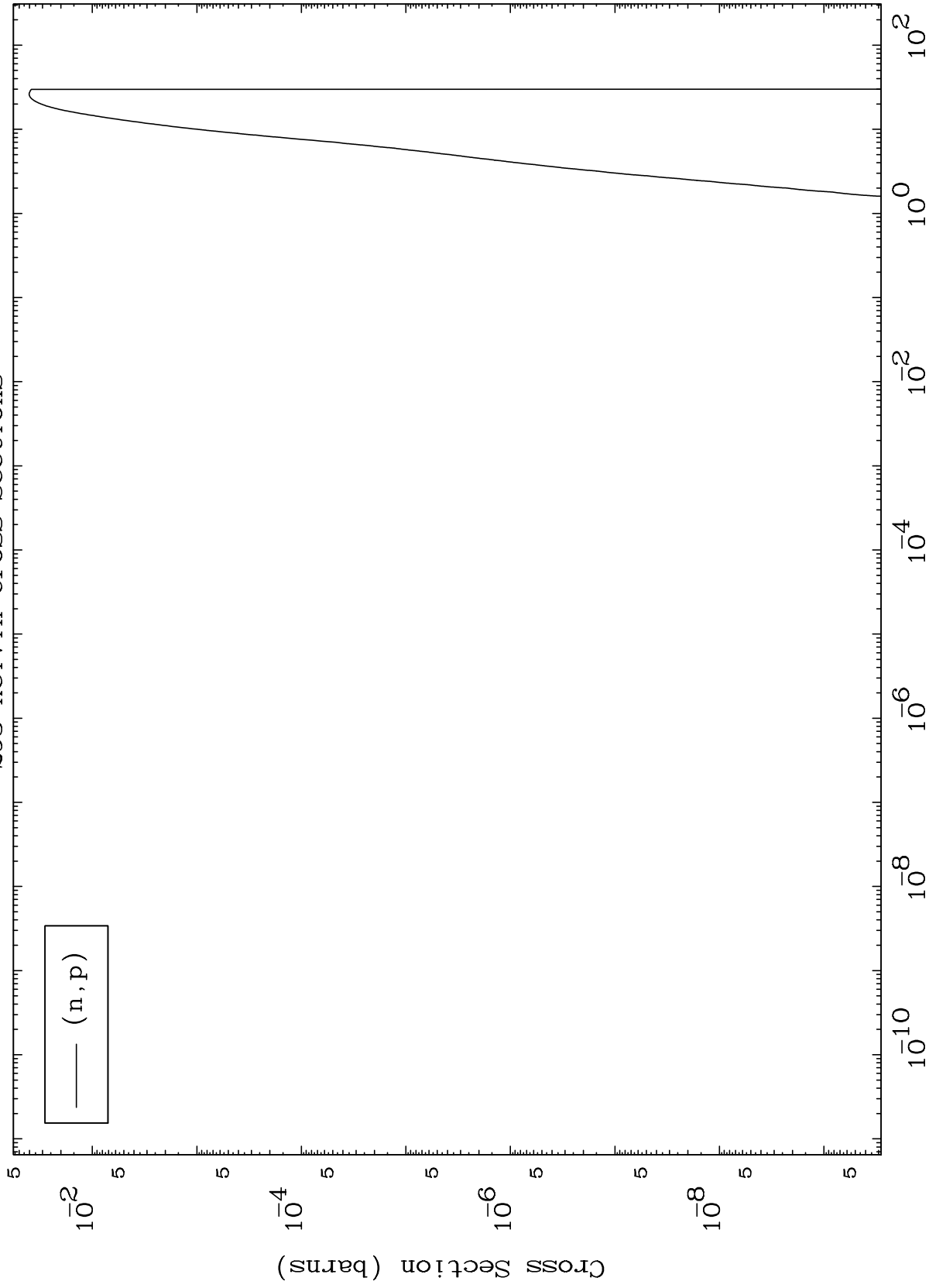
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-197



10

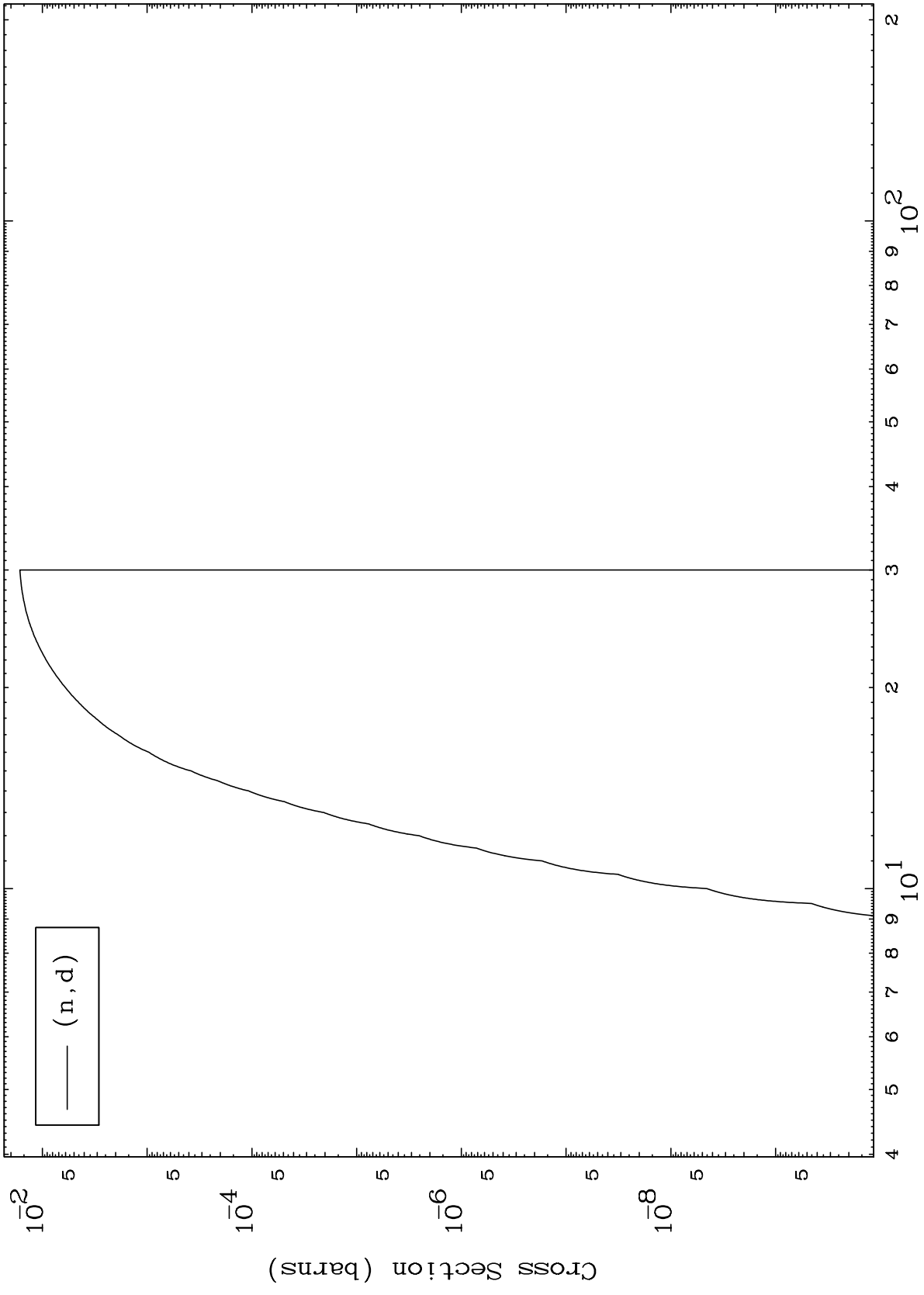
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,d) Levels  
293 Kelvin Cross Sections

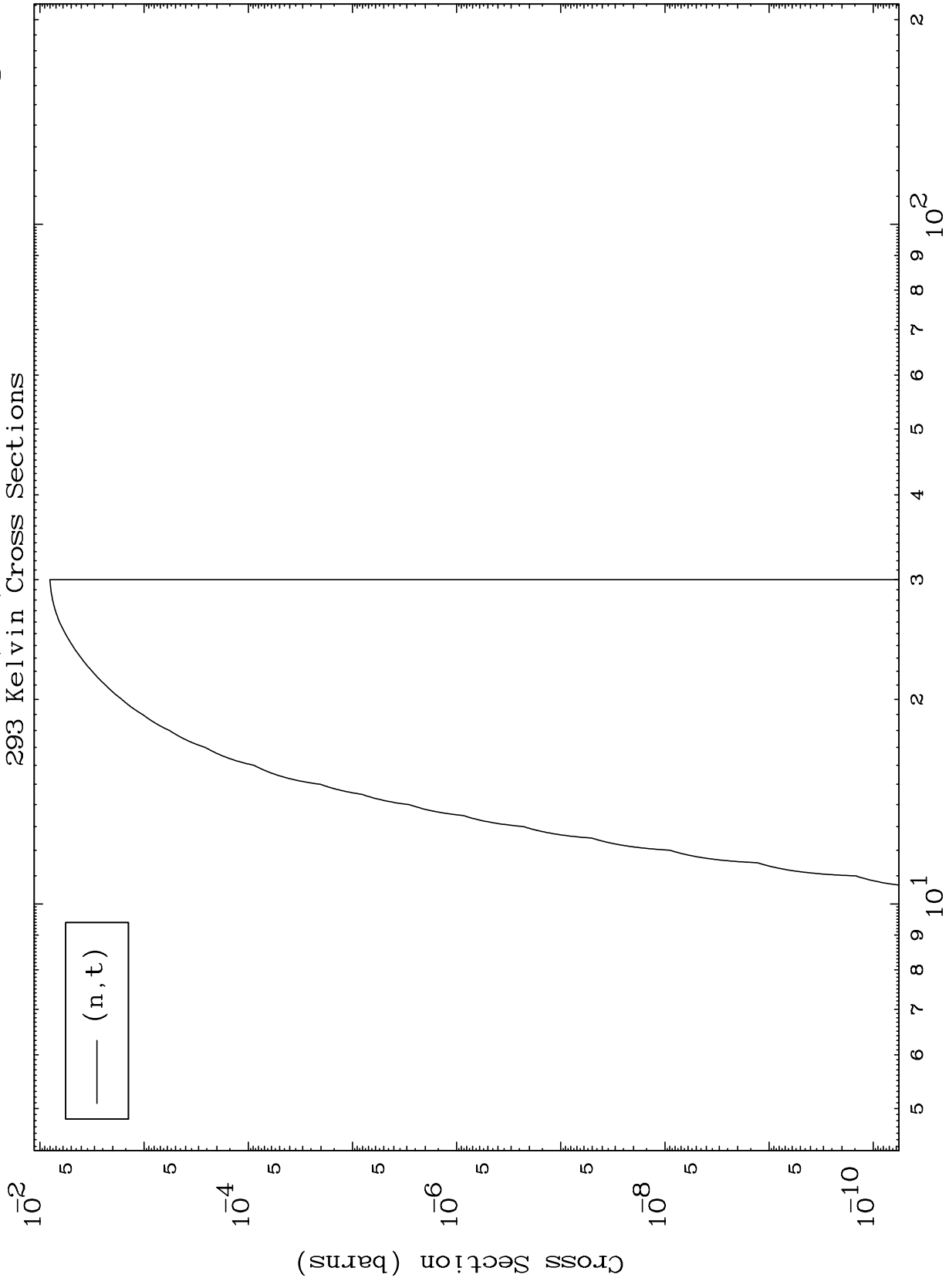
80-Hg-197



MAT 8029

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-197



12

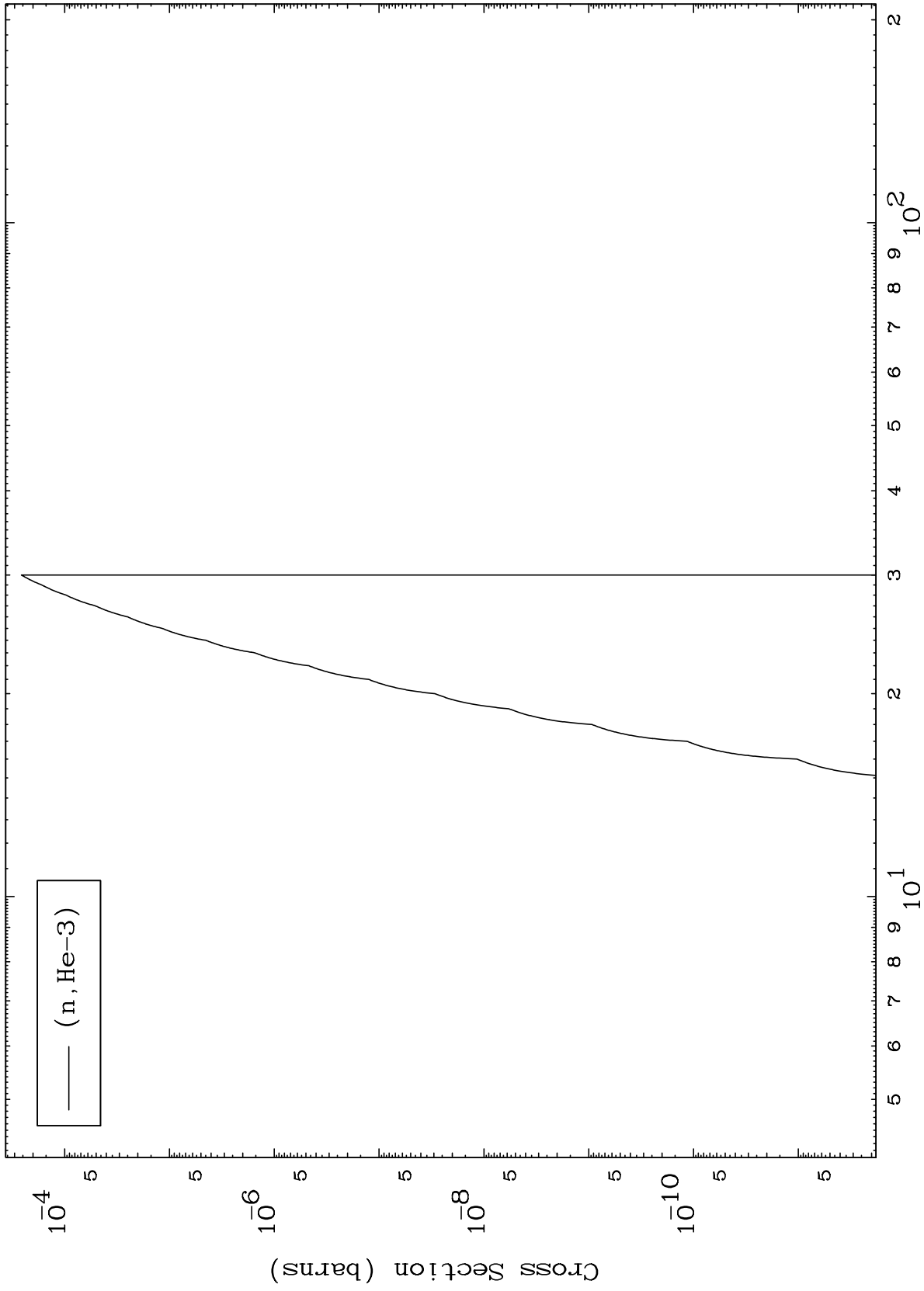
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-197



13

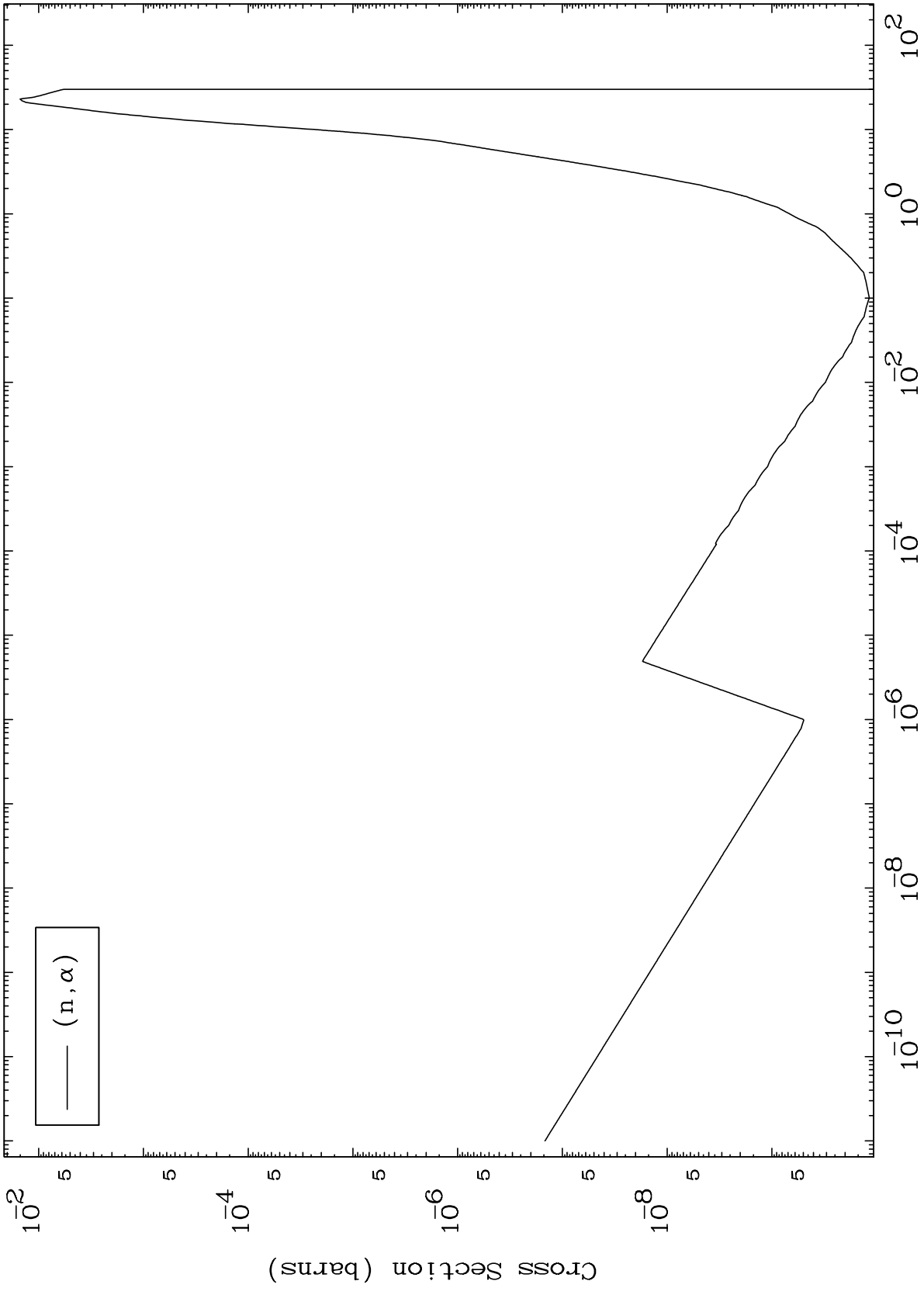
Incident Energy (MeV)

80-Hg-197

MAT 8029

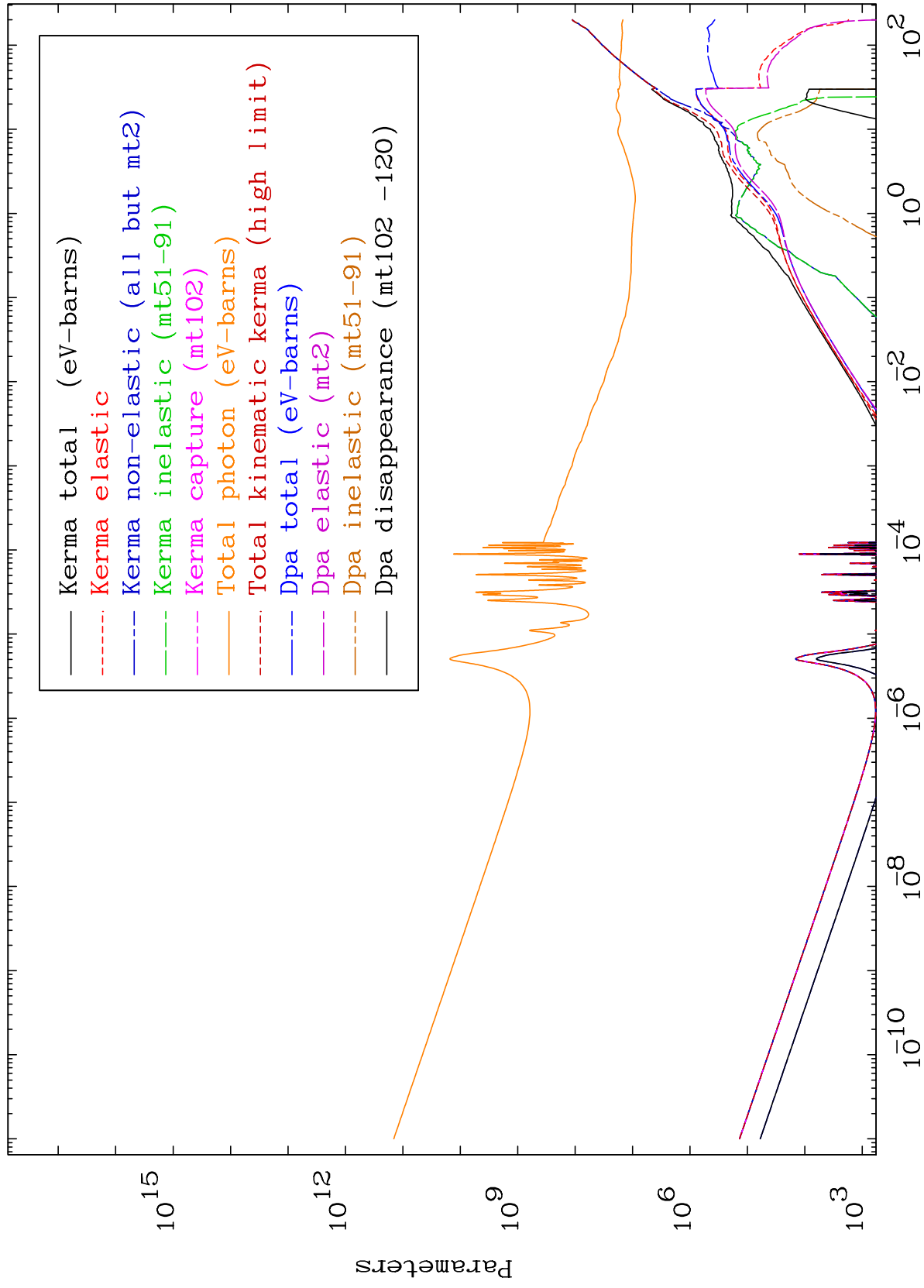
(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-197



(n,α)

80-Hg-197





MAT 8029 80-Hg-197

Elastic Legendre Coefficients

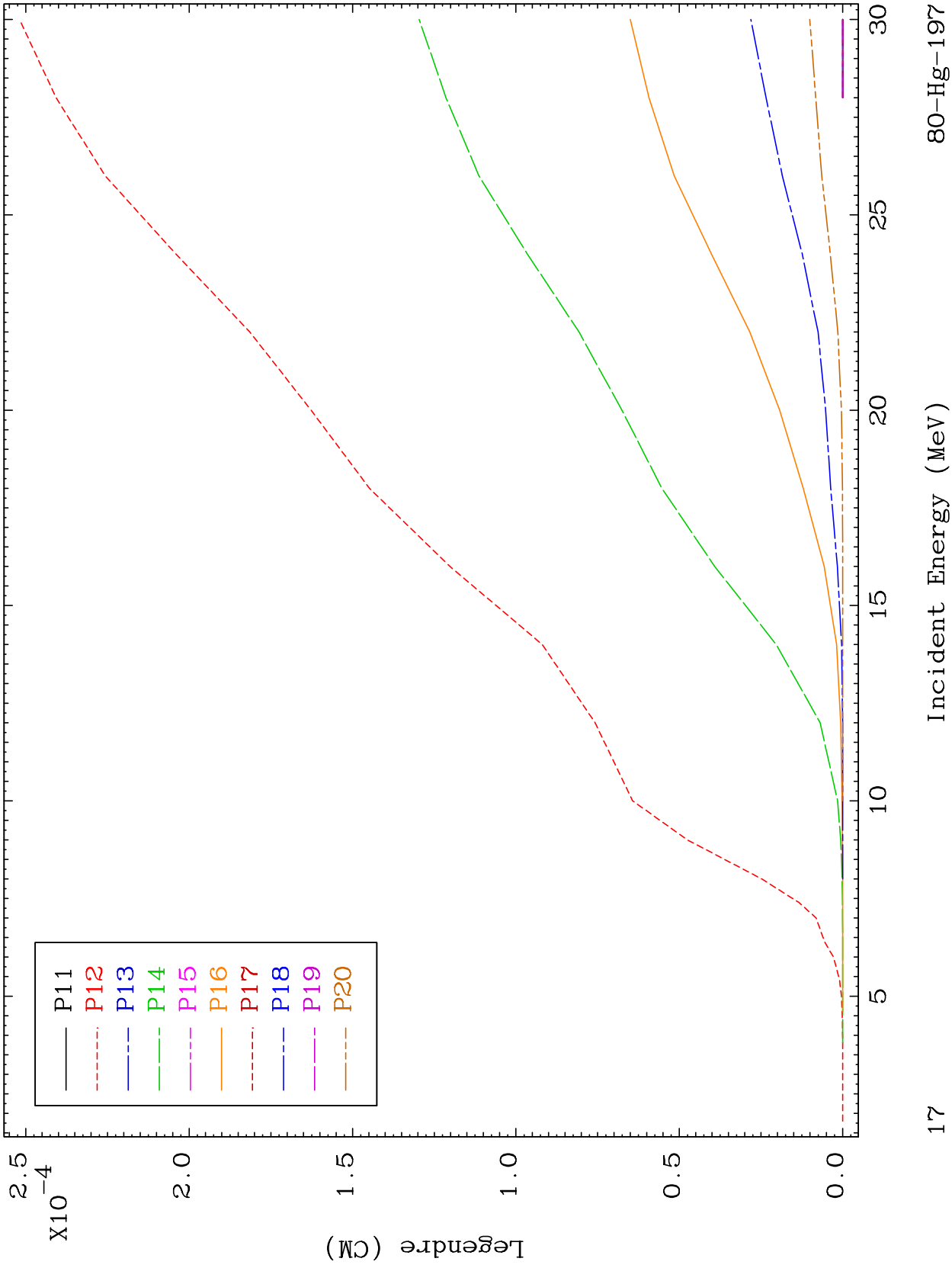


80-Hg-197

MAT 8029

Elastic Legendre Coefficients

80-Hg-197



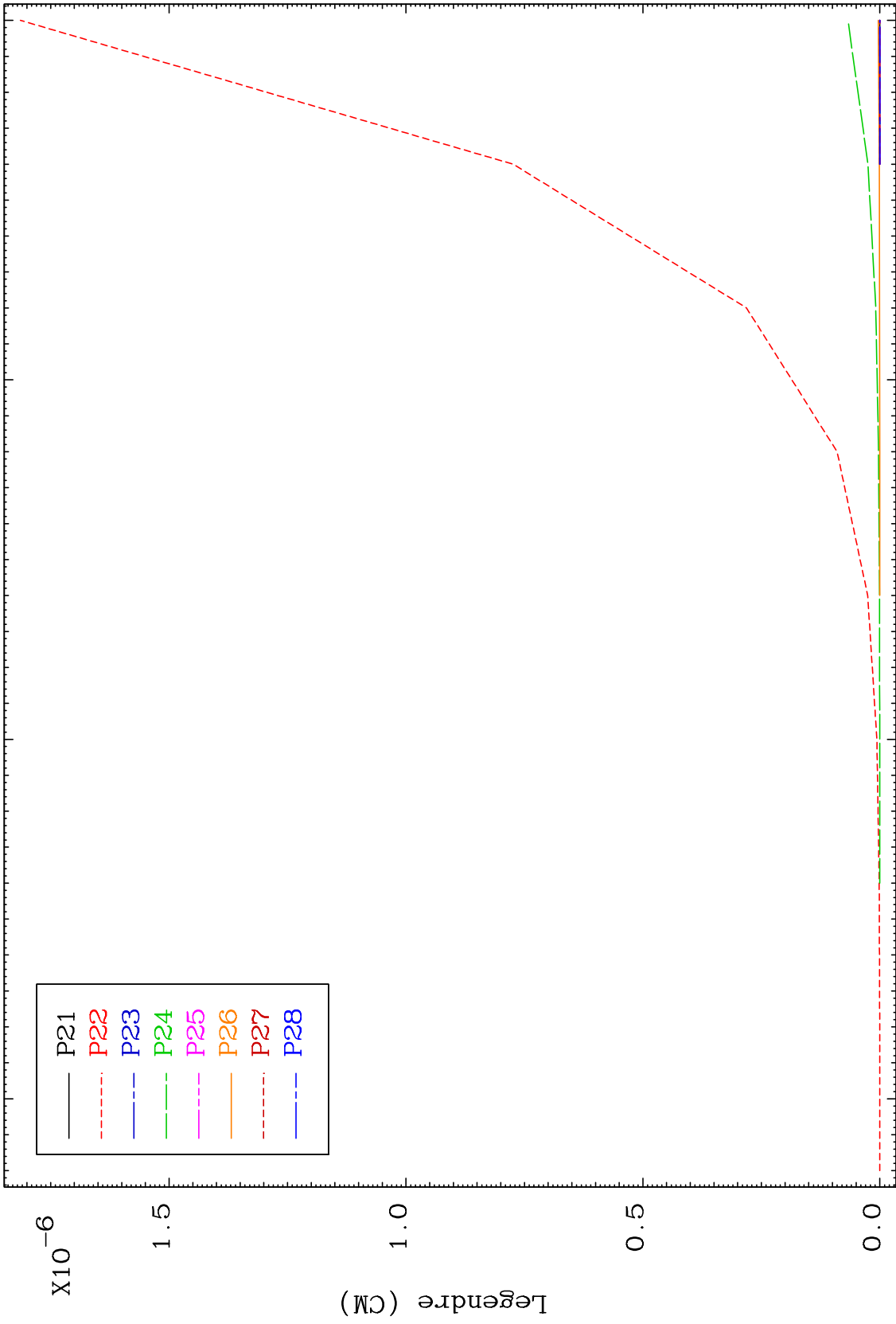
17

80-Hg-197

MAT 8029

Elastic Legendre Coefficients

80-Hg-197



18

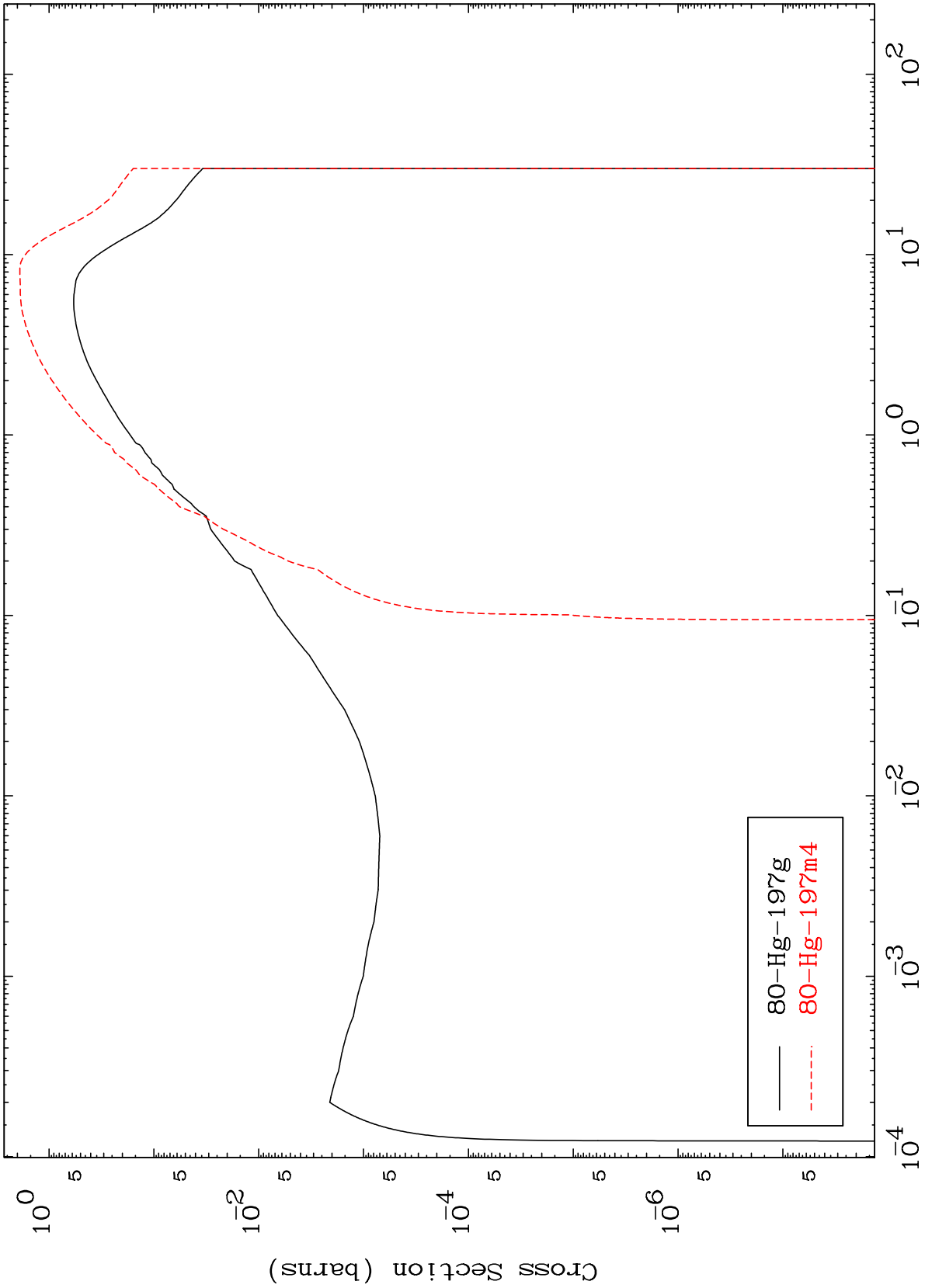
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

Inelastic  
Radionuclide Production Cross Section



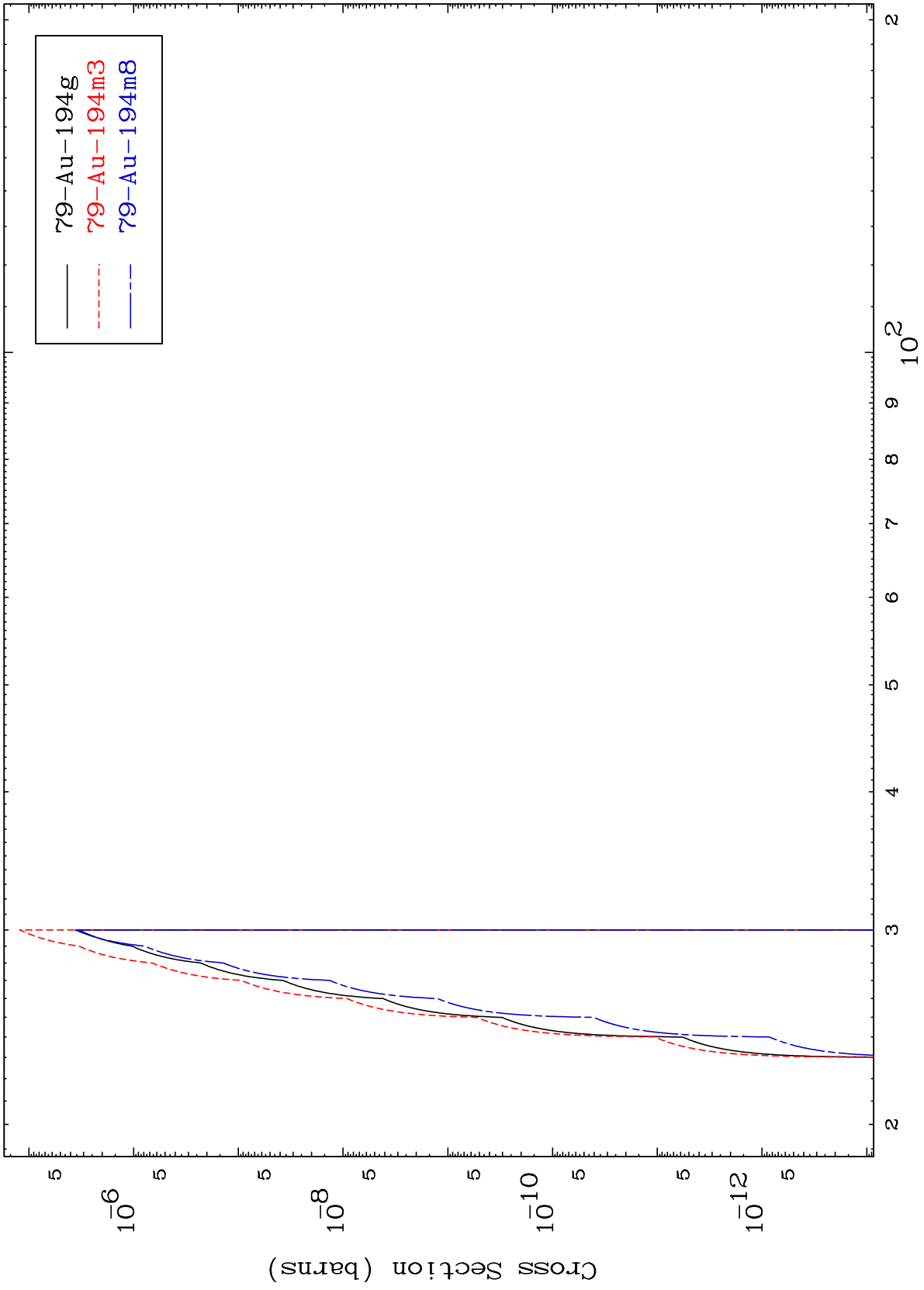
— 80-Hg-197g  
- - - 80-Hg-197m4

MAT 8029

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



20

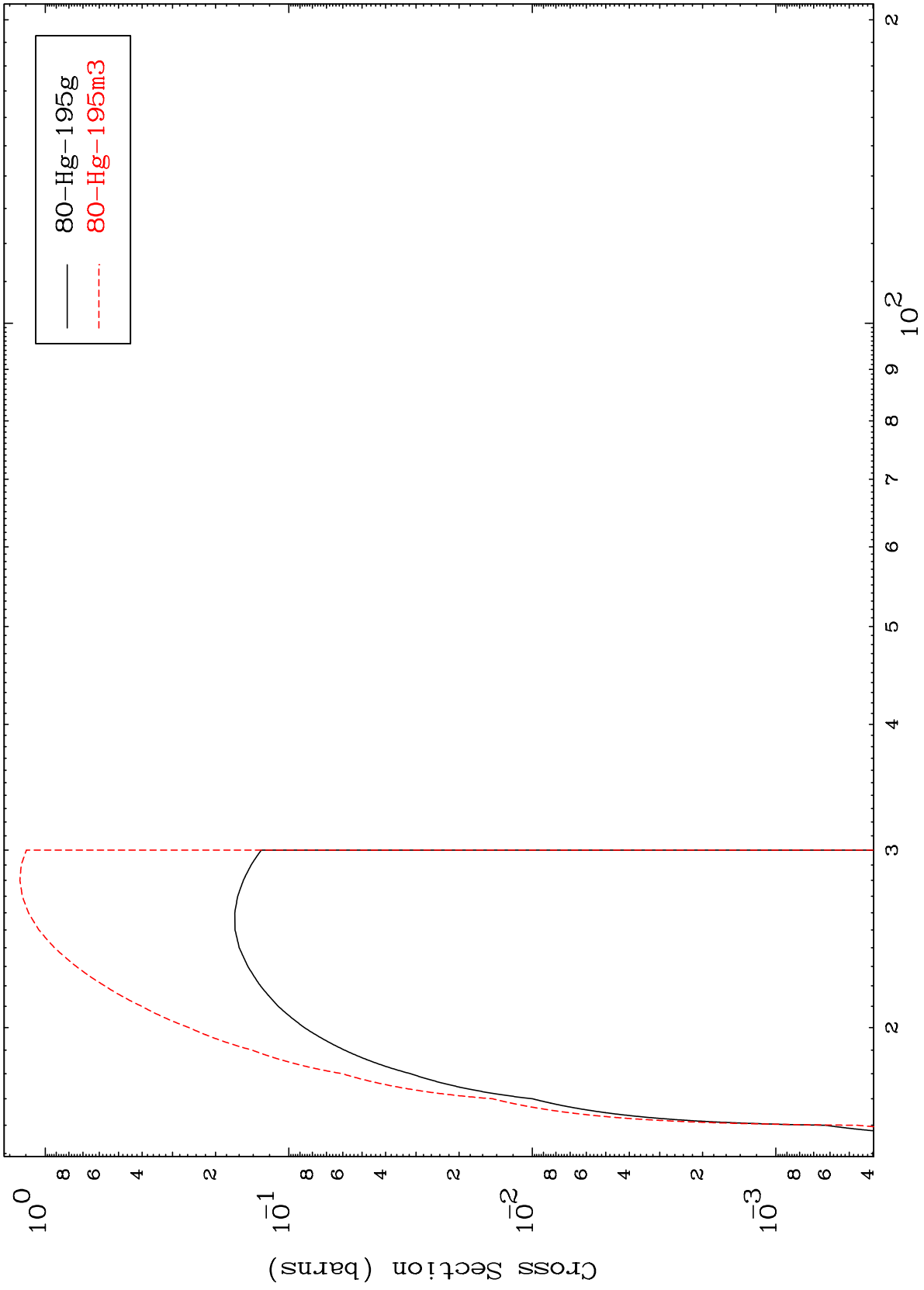
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(n,3n)  
Radionuclide Production Cross Section



21

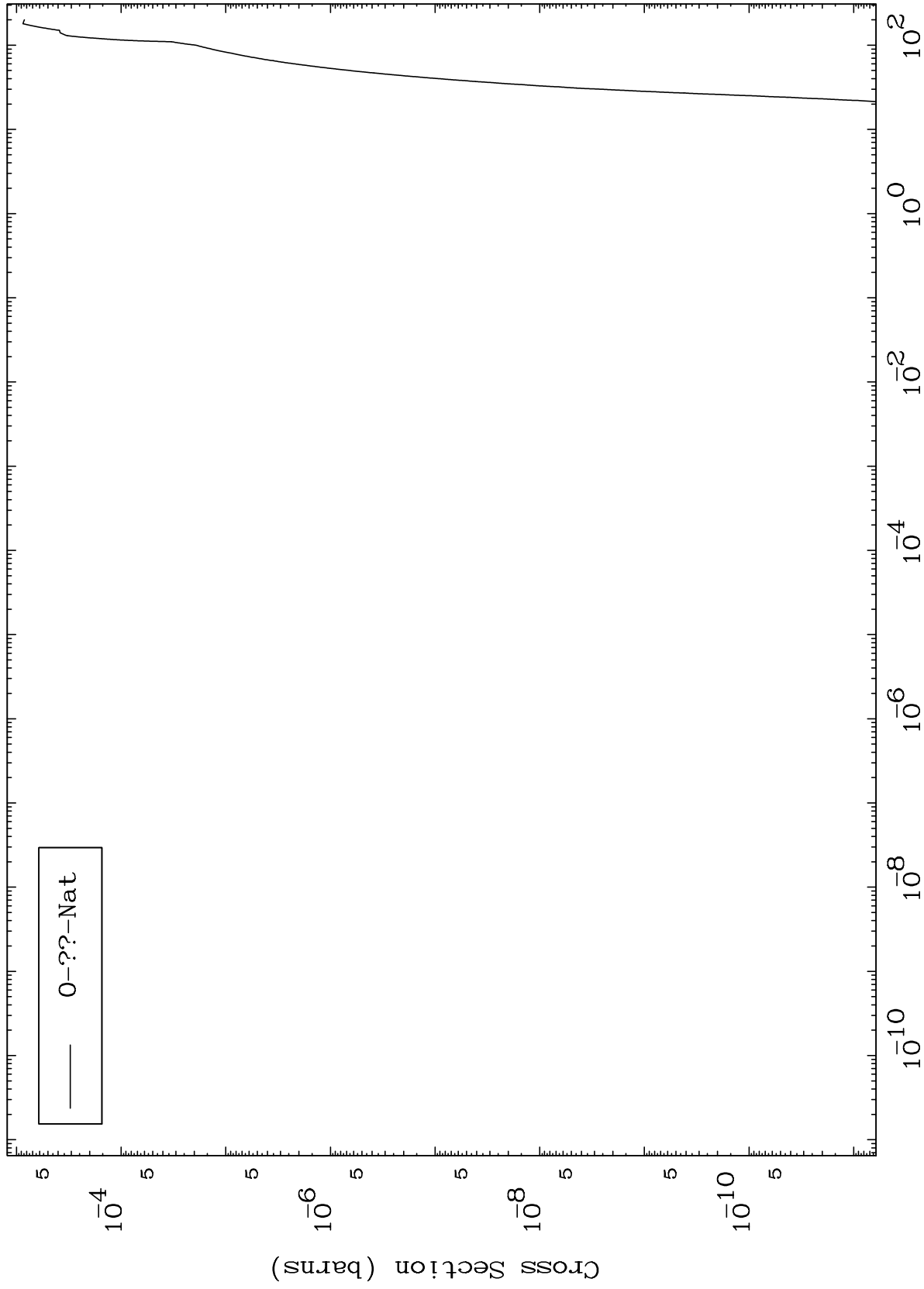
Incident Energy (MeV)

80-Hg-197

MAT 8029

Fission  
Radionuclide Production Cross Section

80-Hg-197



22

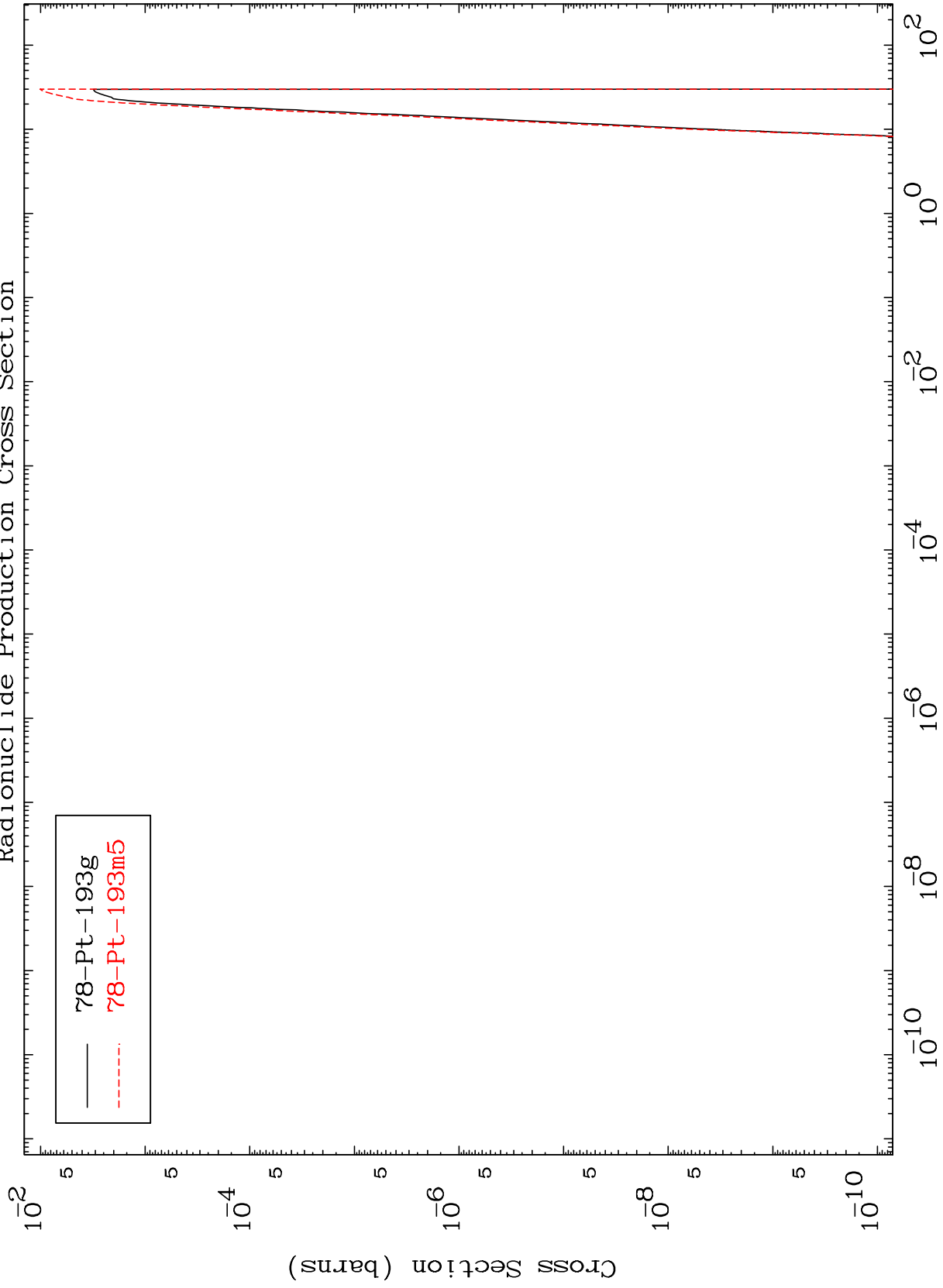
80-Hg-197

MAT 8029

(n,n')  $\alpha$

80-Hg-197

Radionuclide Production Cross Section



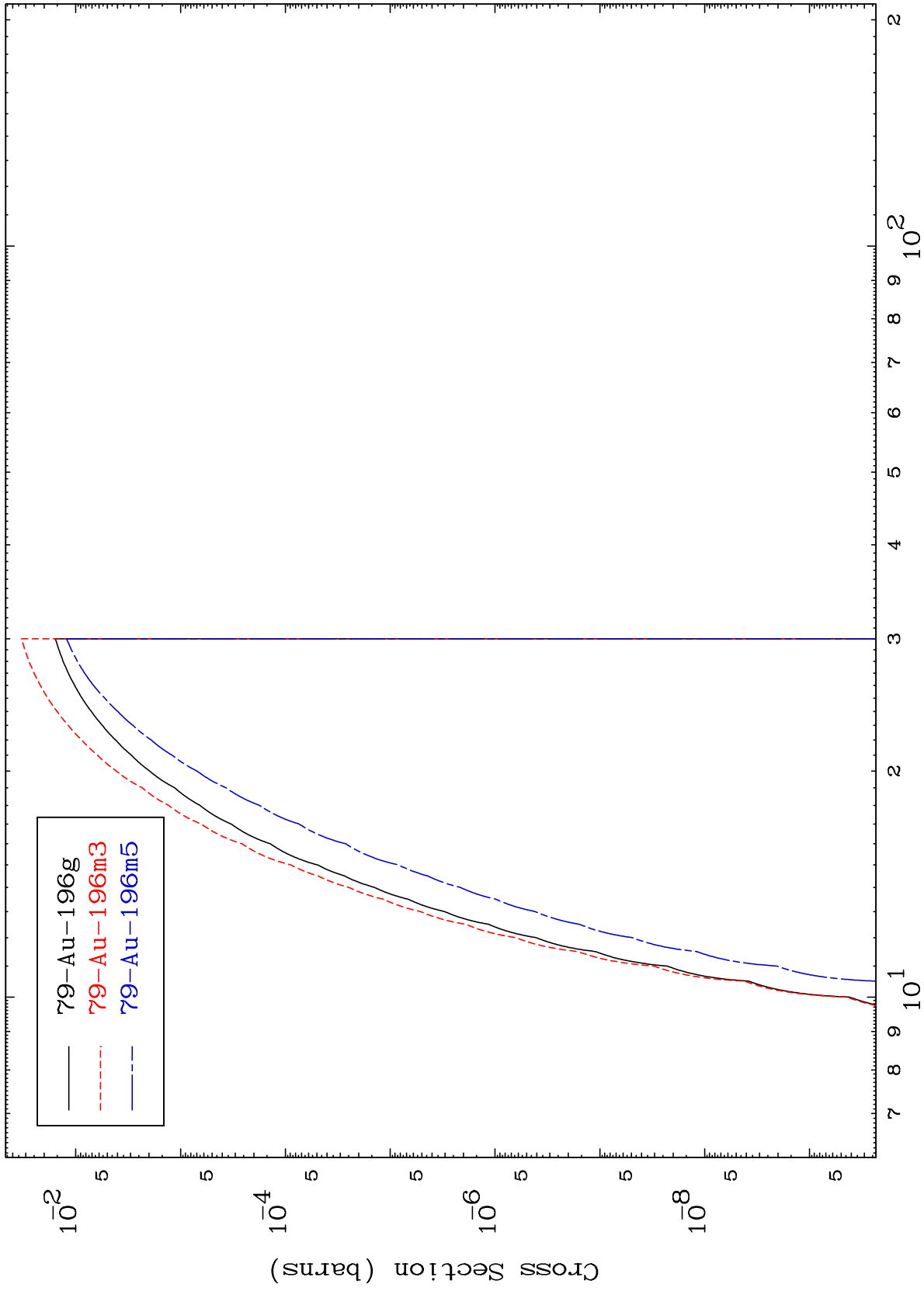
78-Pt-193g  
78-Pt-193m5



MAT 8029

80-Hg-197

(n,n') p  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

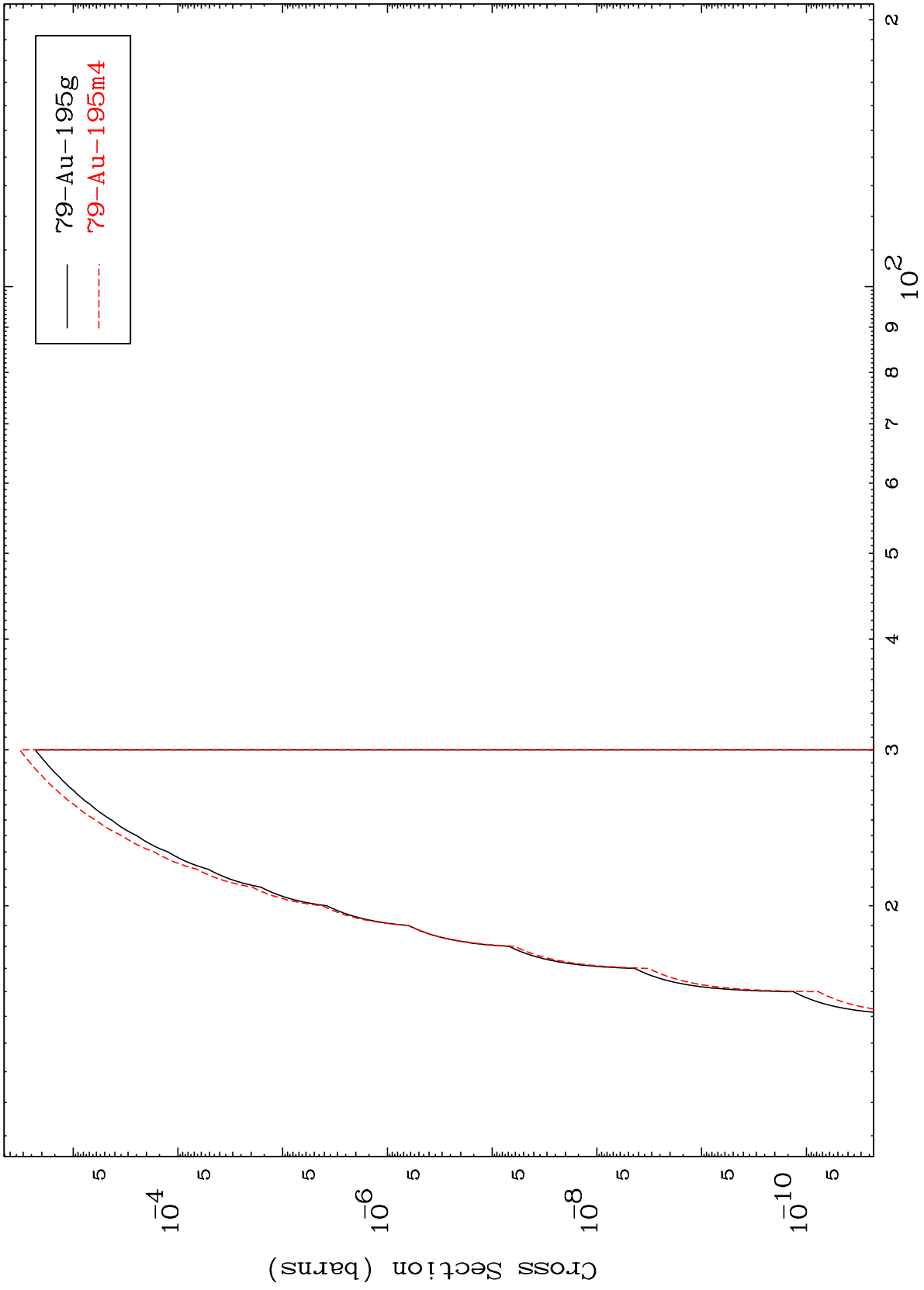
80-Hg-197

MAT 8029

(n,n') d

80-Hg-197

Radionuclide Production Cross Section



25

Incident Energy (MeV)

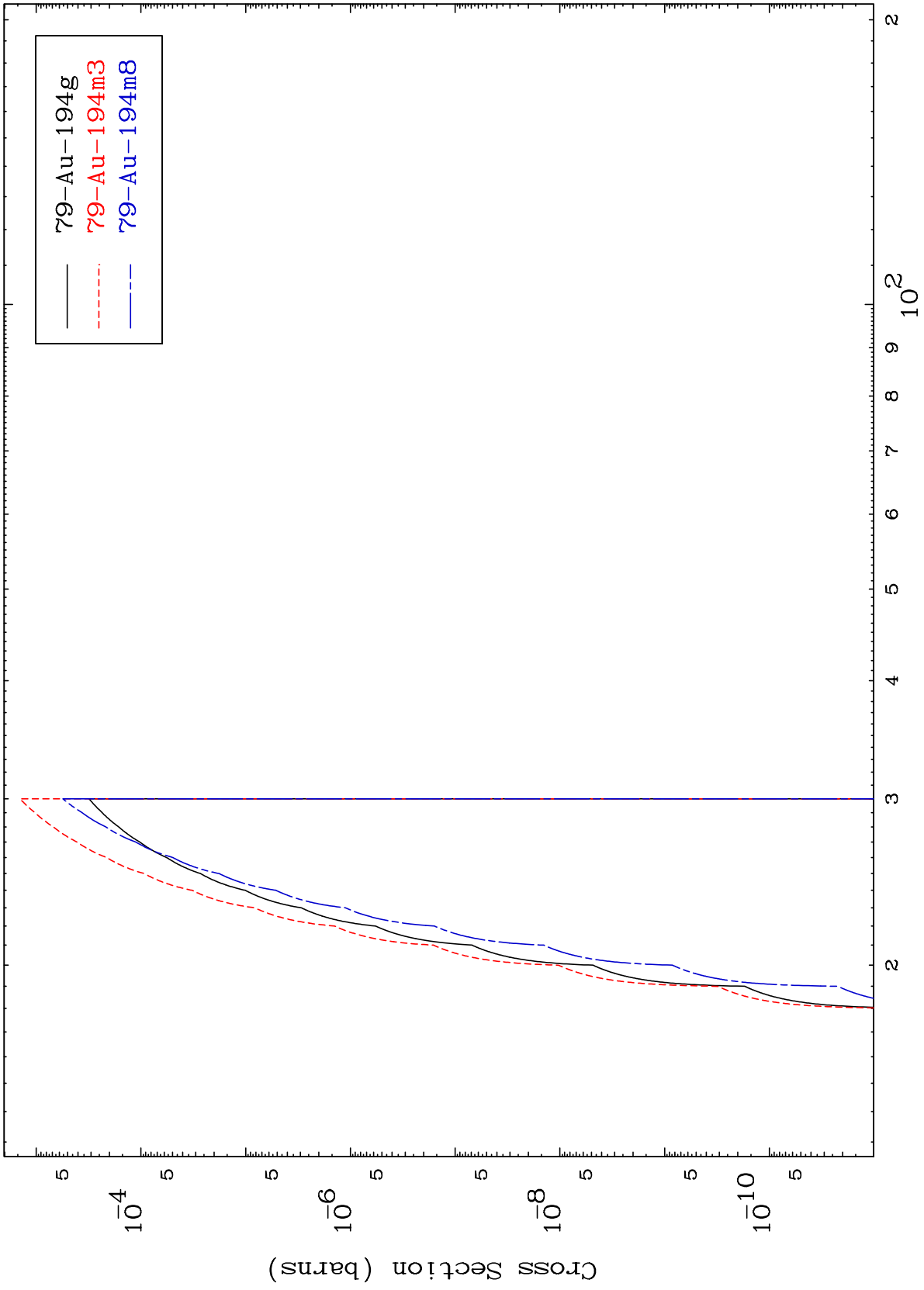
80-Hg-197

MAT 8029

(n,n') t

80-Hg-197

Radionuclide Production Cross Section



26

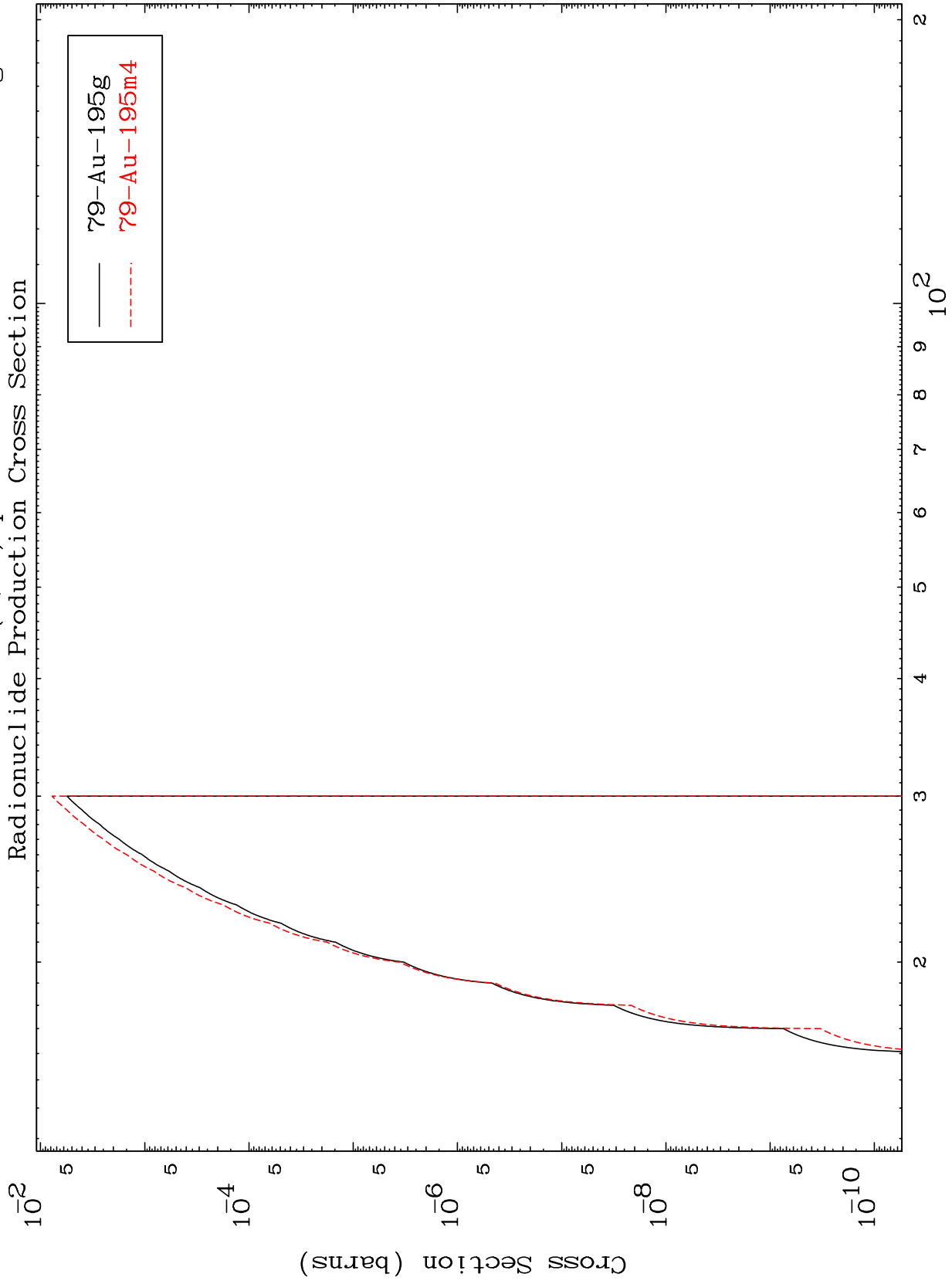
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,2n) p

80-Hg-197



27

80-Hg-197

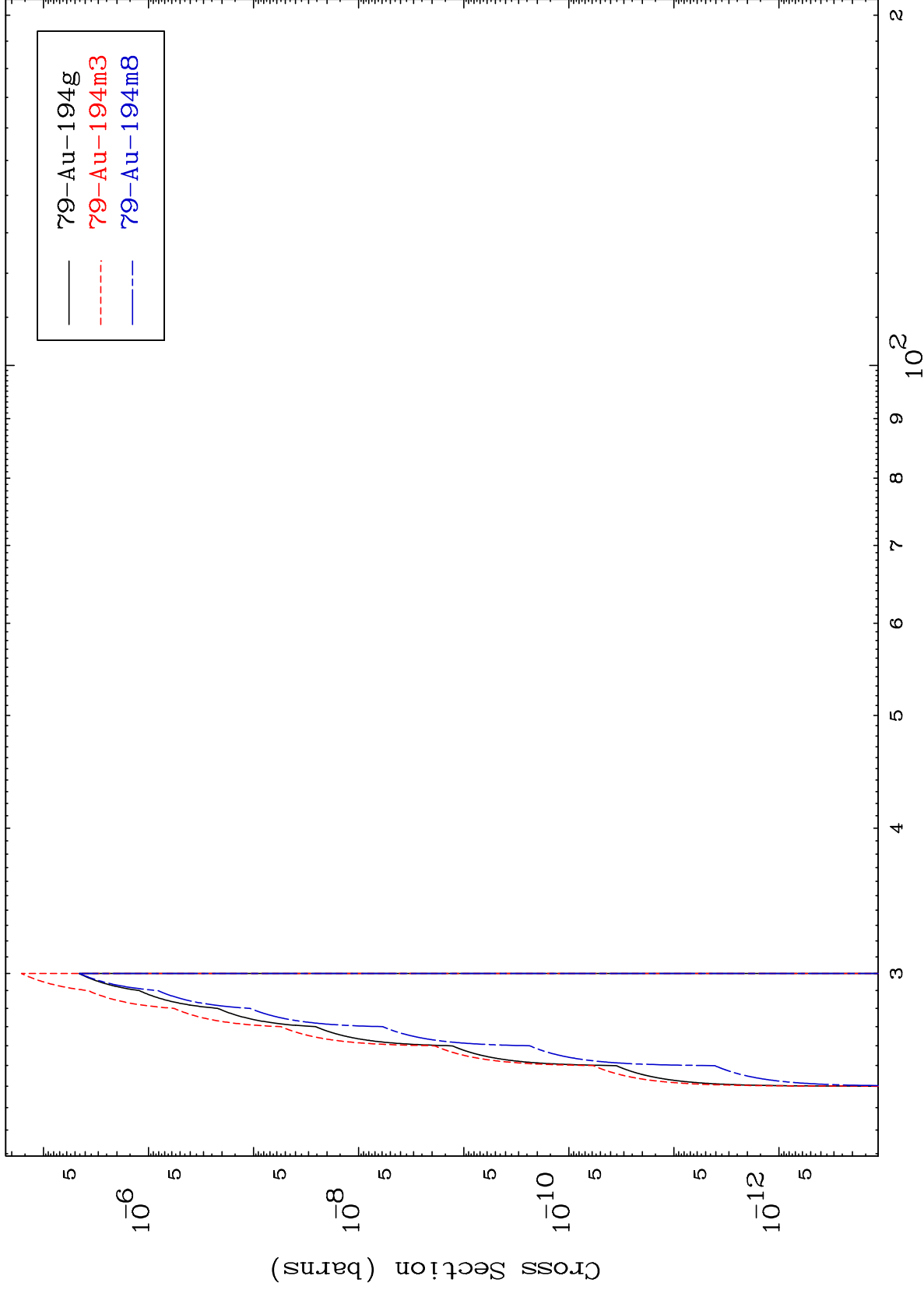
80-Hg-197

MAT 8029

(n,3n) p

80-Hg-197

Radionuclide Production Cross Section



28

Incident Energy (MeV)

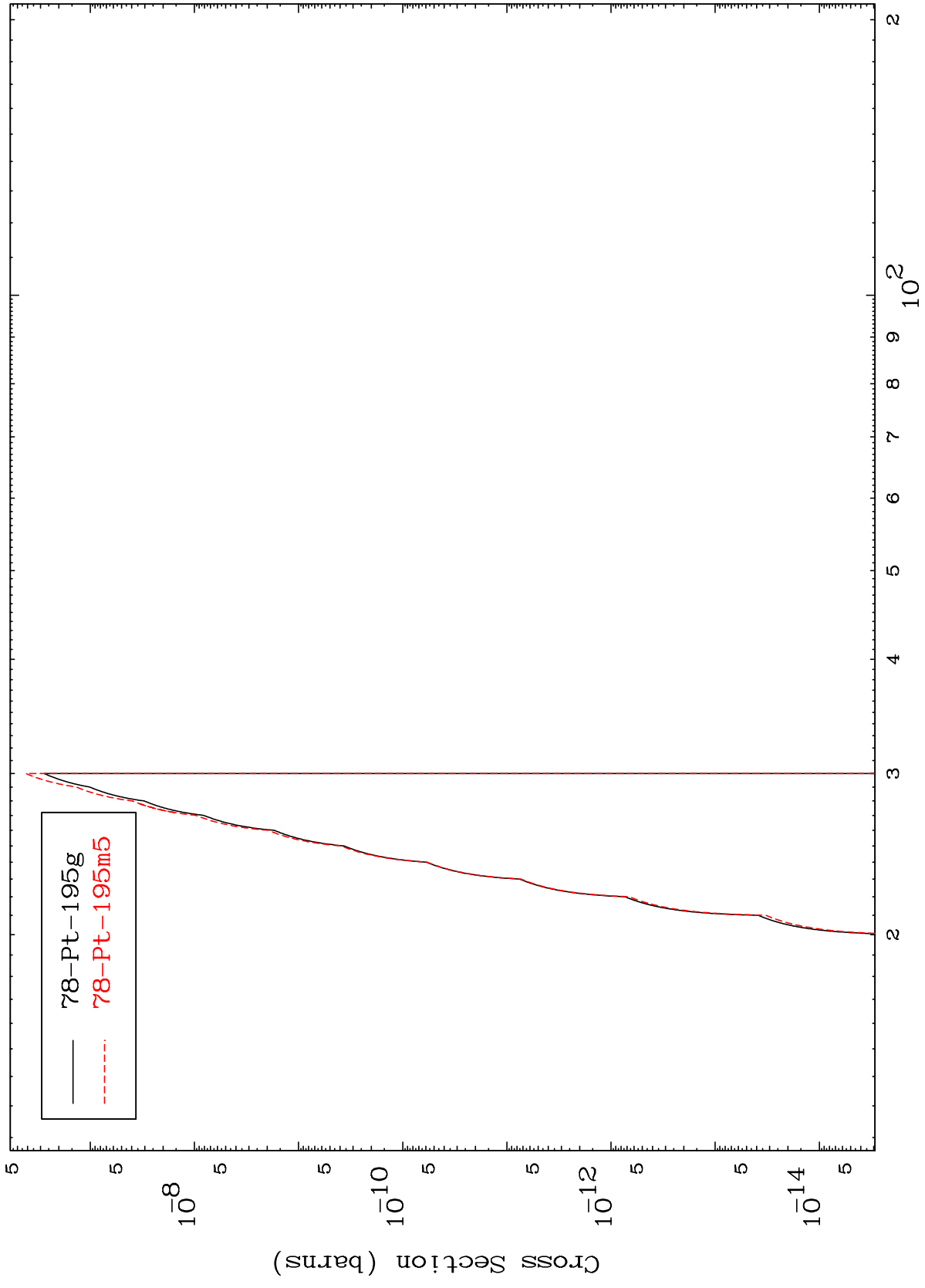
80-Hg-197

MAT 8029

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section



29

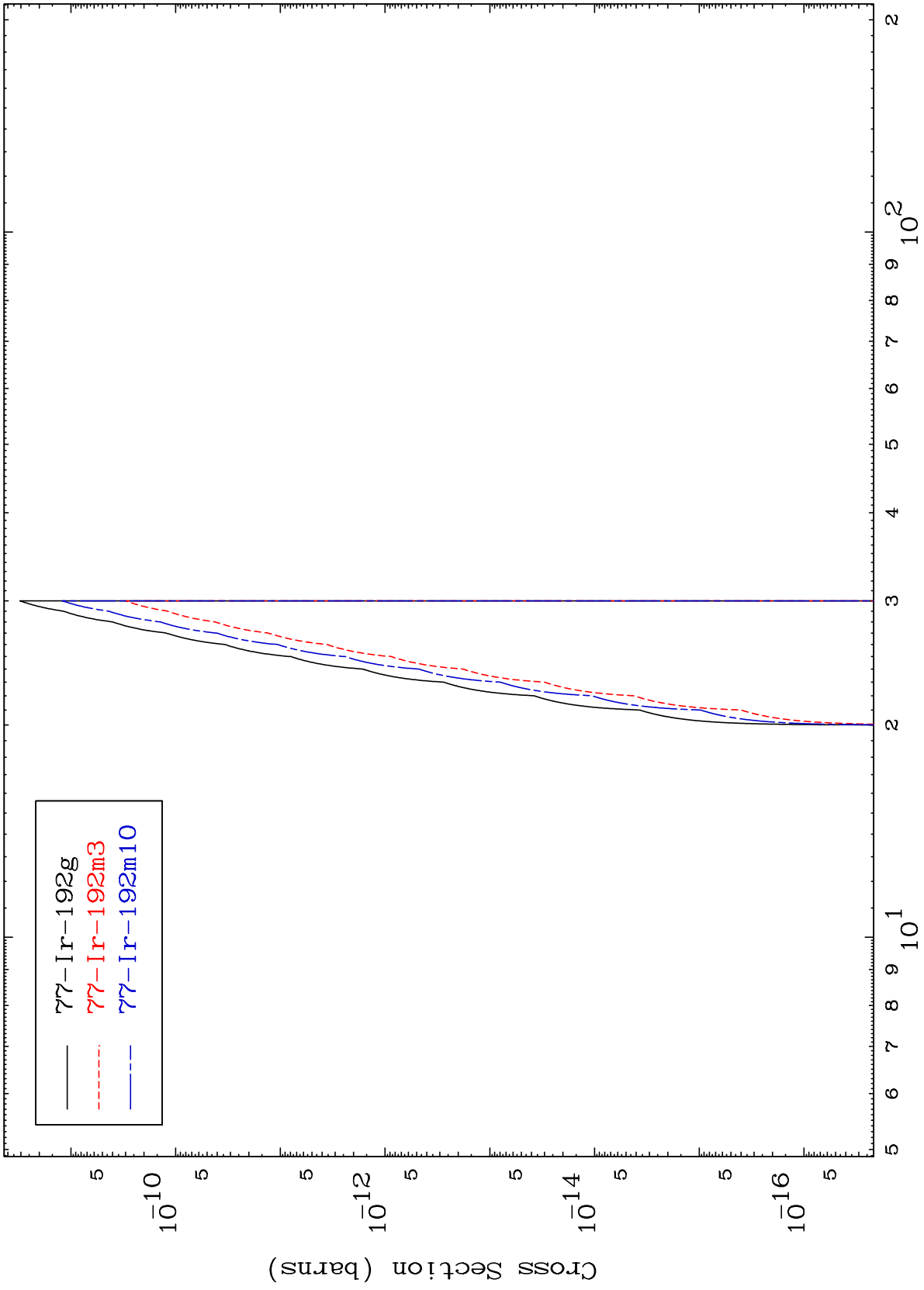
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



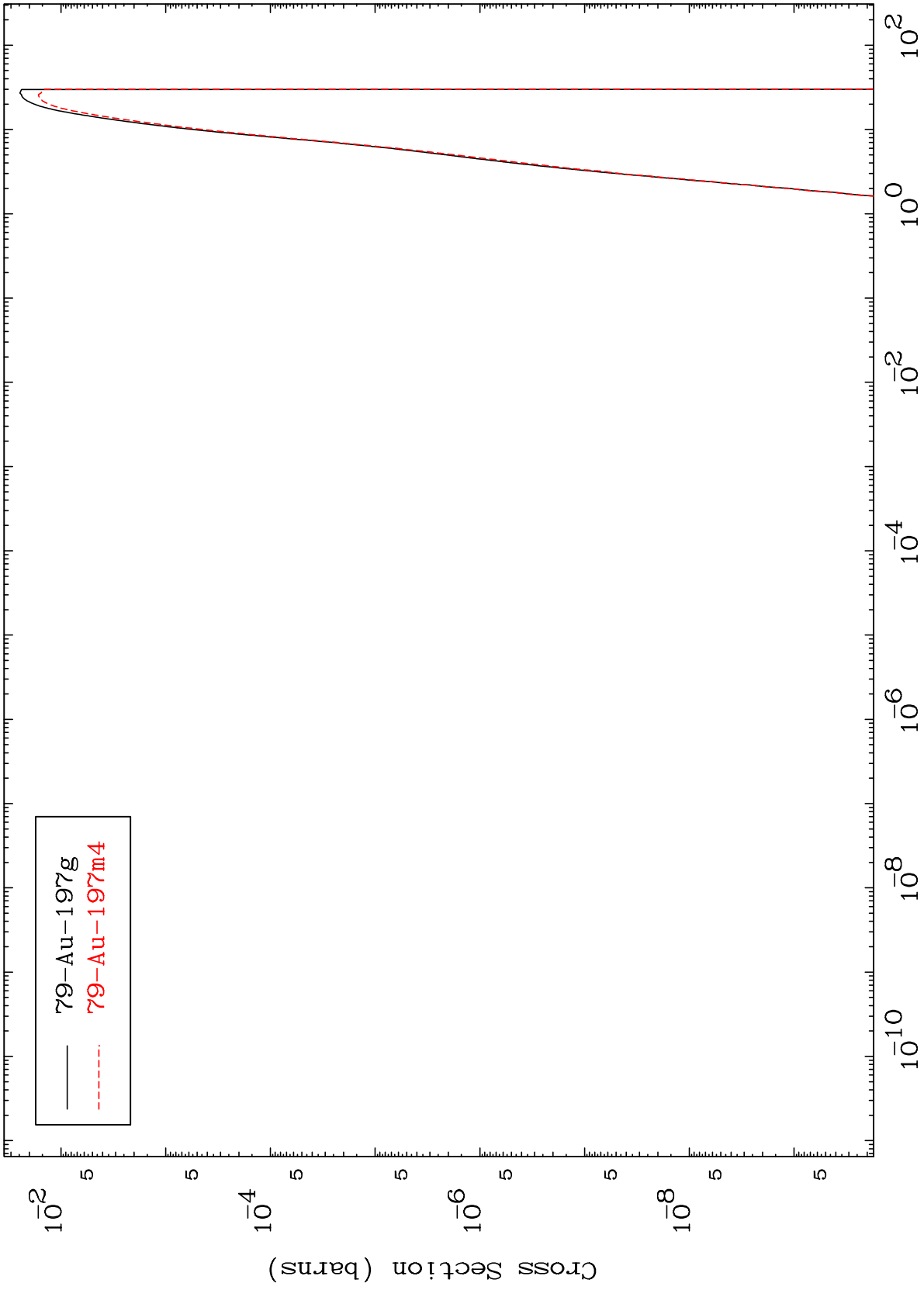
30

80-Hg-197

MAT 8029

(n,p)  
Radionuclide Production Cross Section

80-Hg-197



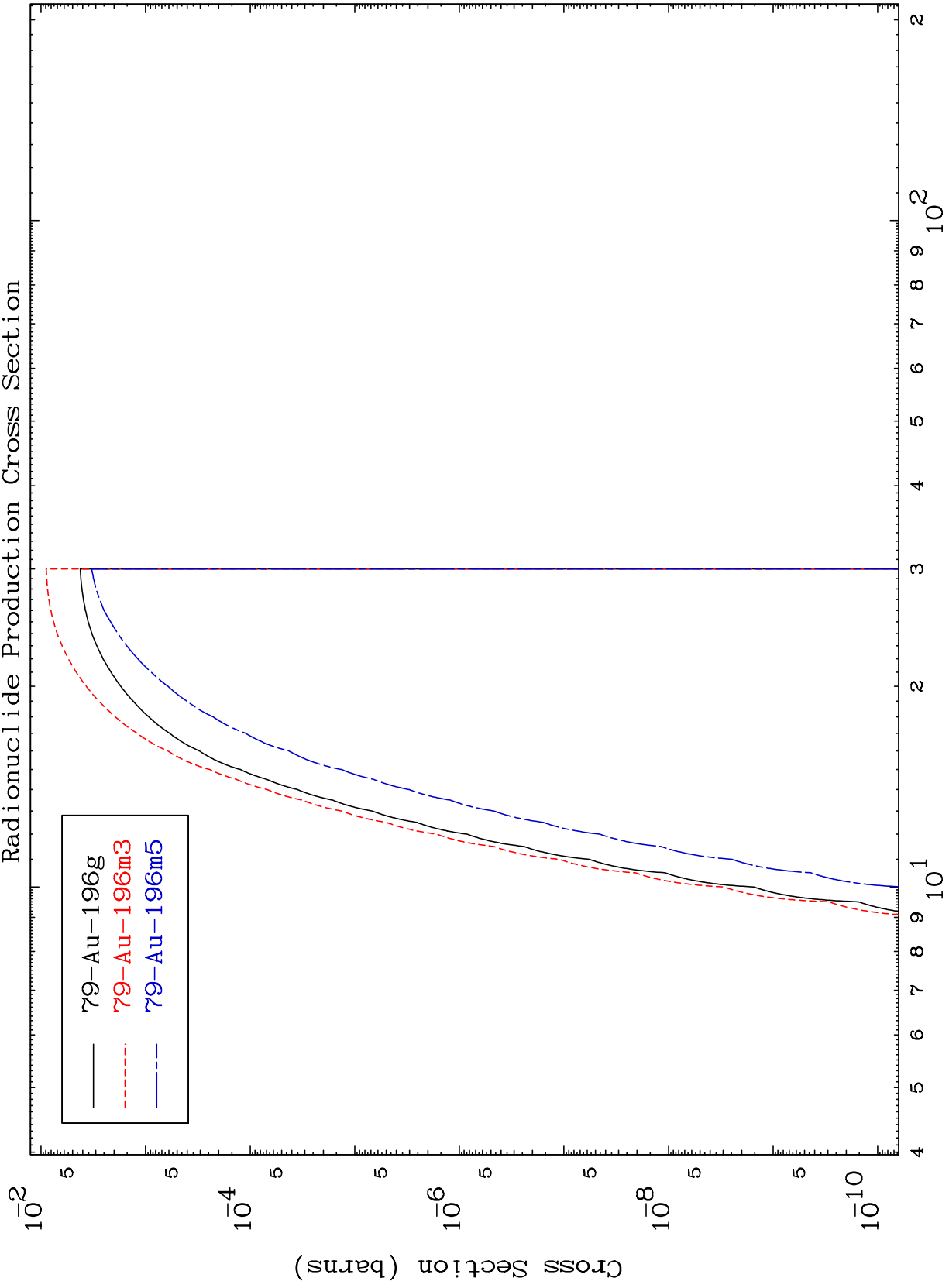
80-Hg-197



MAT 8029

80-Hg-197

(n, d)  
Radionuclide Production Cross Section



32

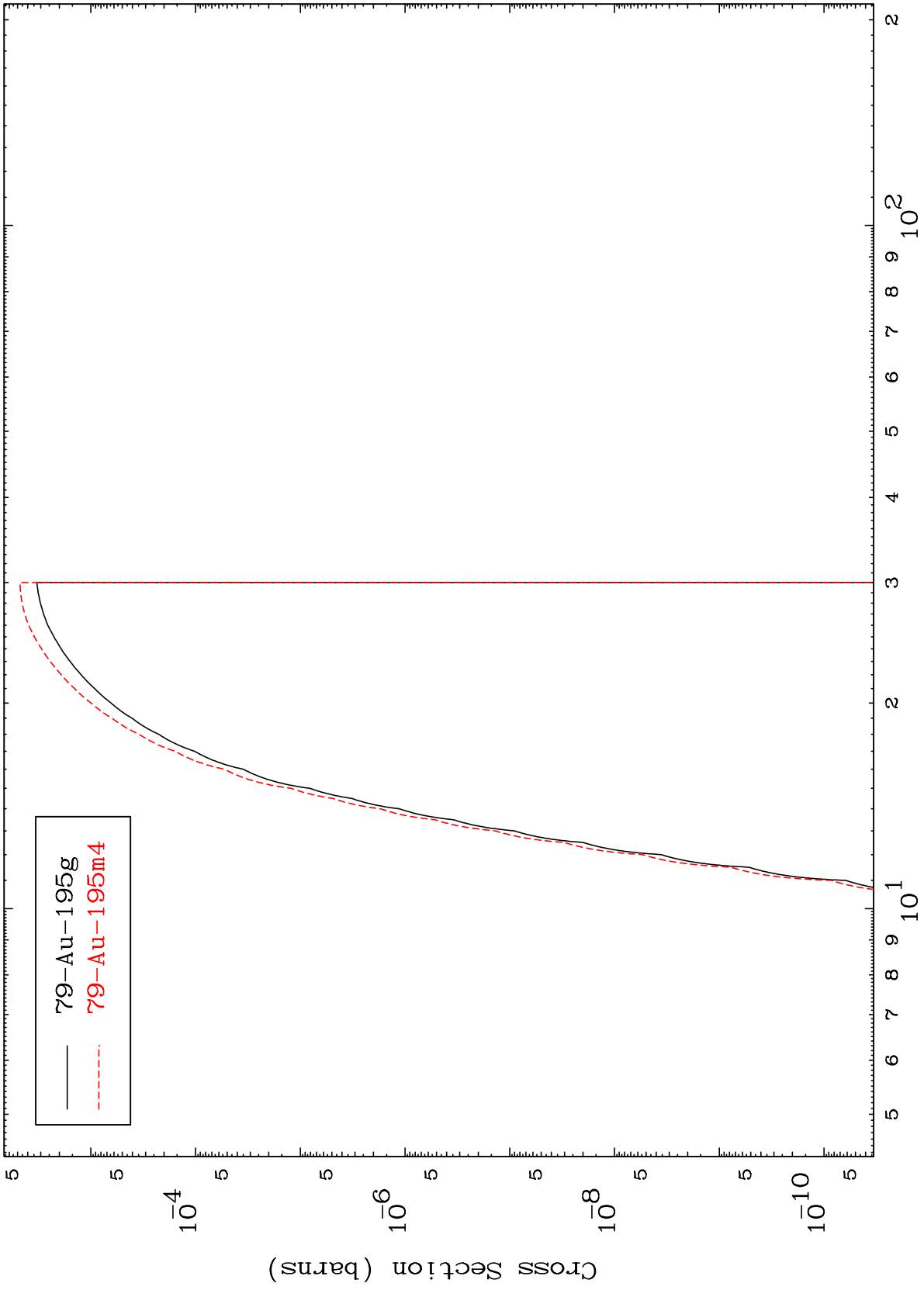
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(n, t)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

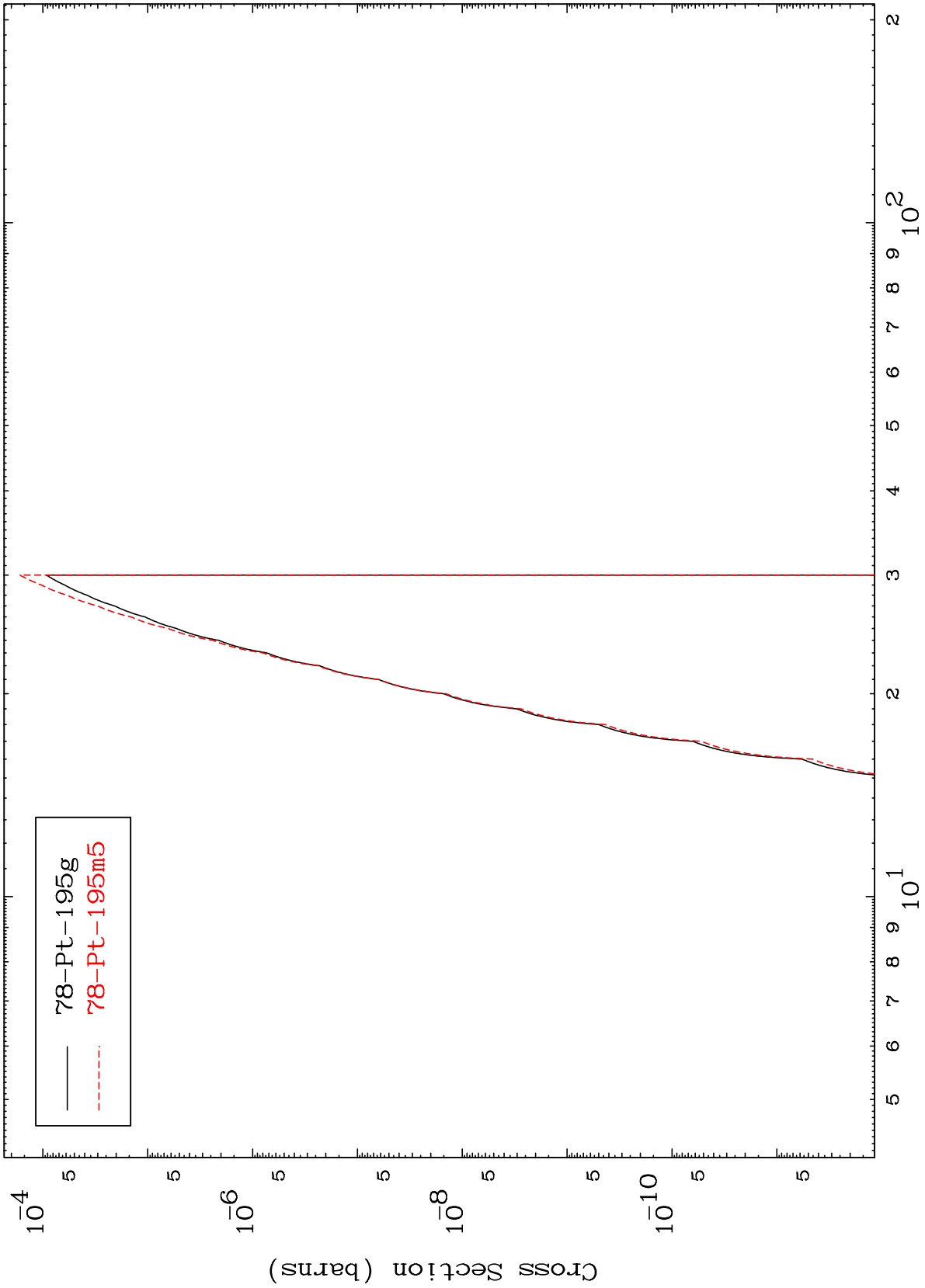
80-Hg-197

MAT 8029

(n, He-3)

80-Hg-197

Radionuclide Production Cross Section

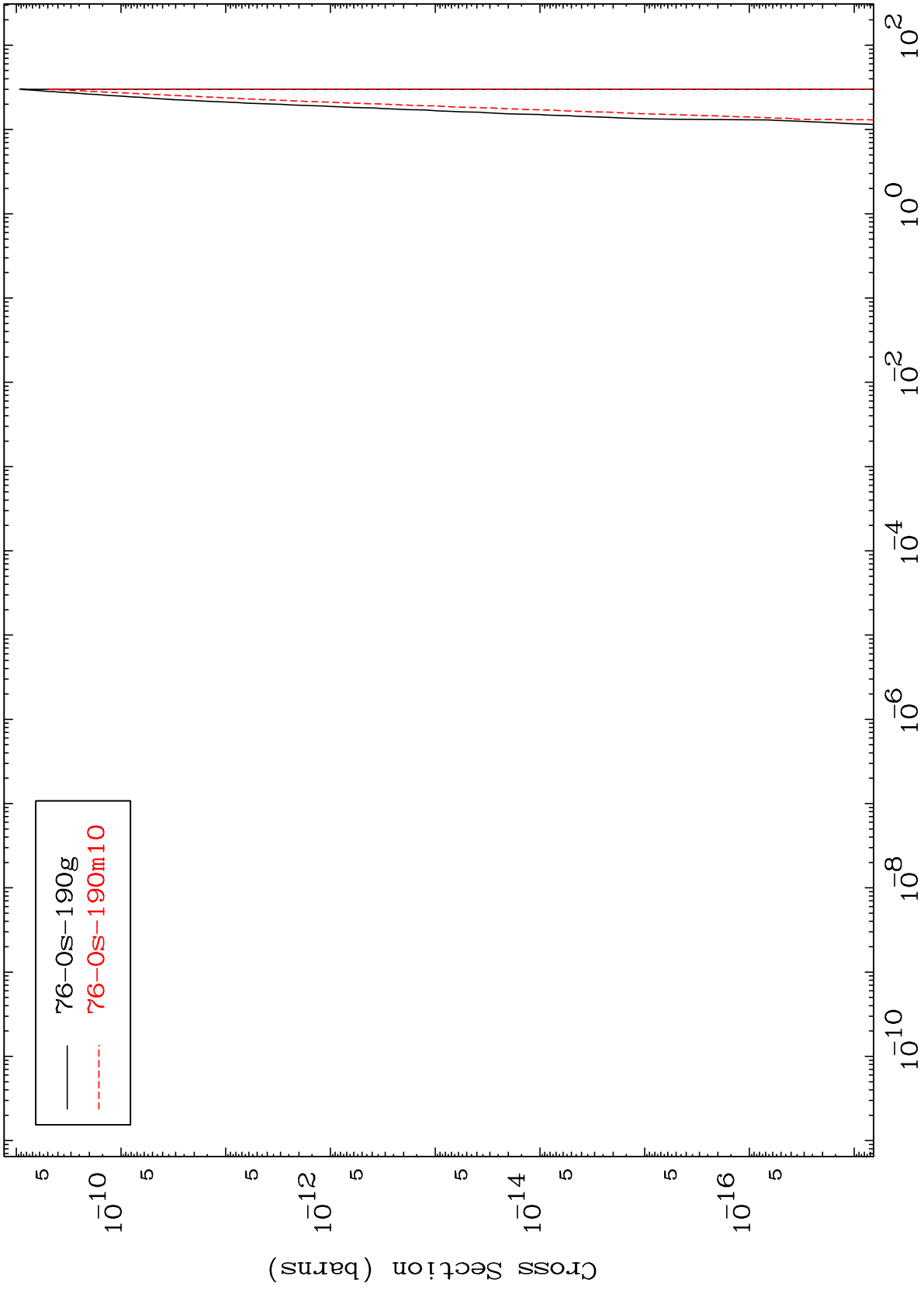


80-Hg-197

MAT 8029

Radionuclide Production Cross Section  
(n,2α)

80-Hg-197



35

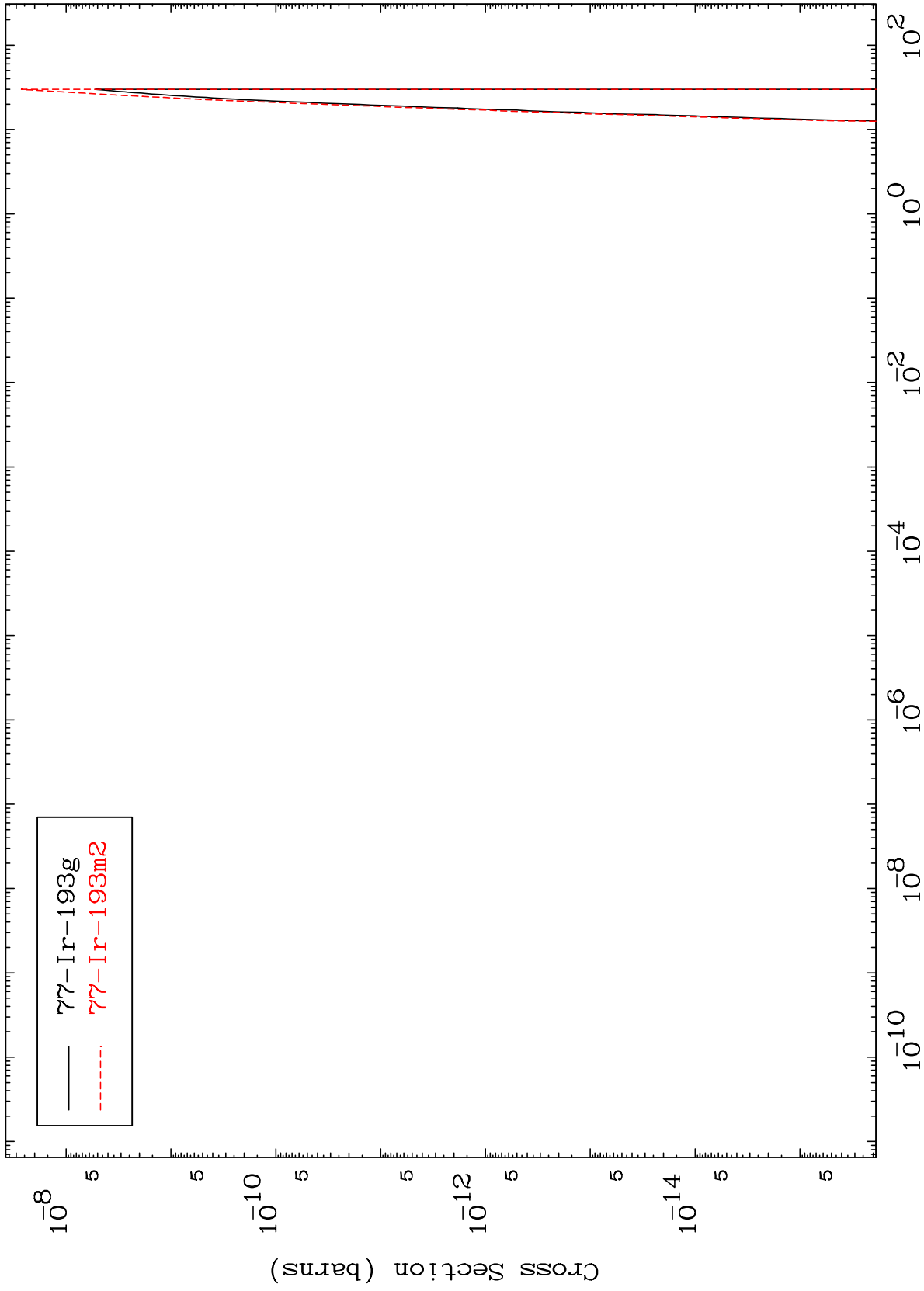
80-Hg-197

MAT 8029

(n,p)  $\alpha$

80-Hg-197

Radionuclide Production Cross Section

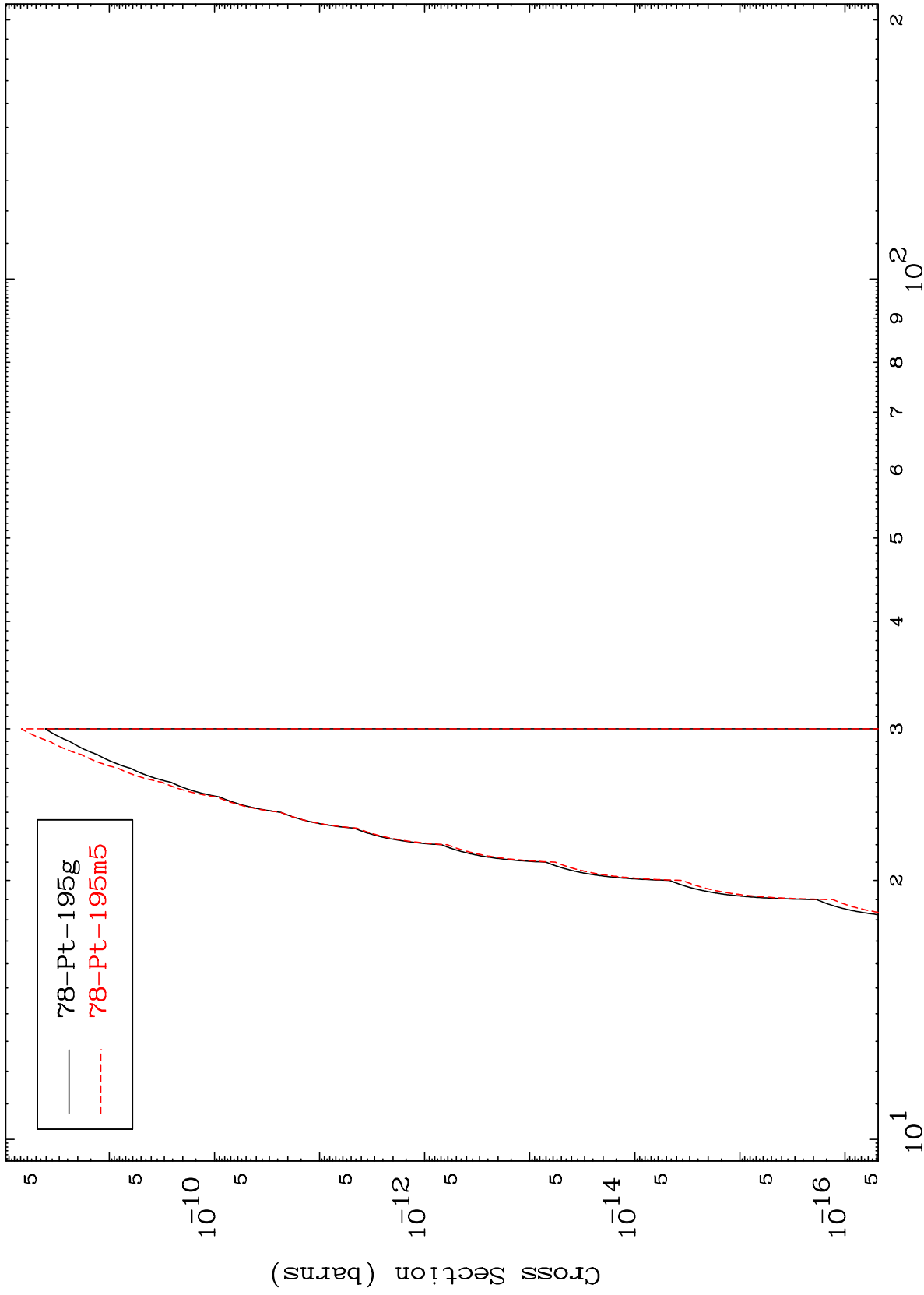


MAT 8029

(n,p) d

80-Hg-197

Radionuclide Production Cross Section



37

Incident Energy (MeV)

80-Hg-197