

Program EVALPLOT
(Version 2015-2)

by

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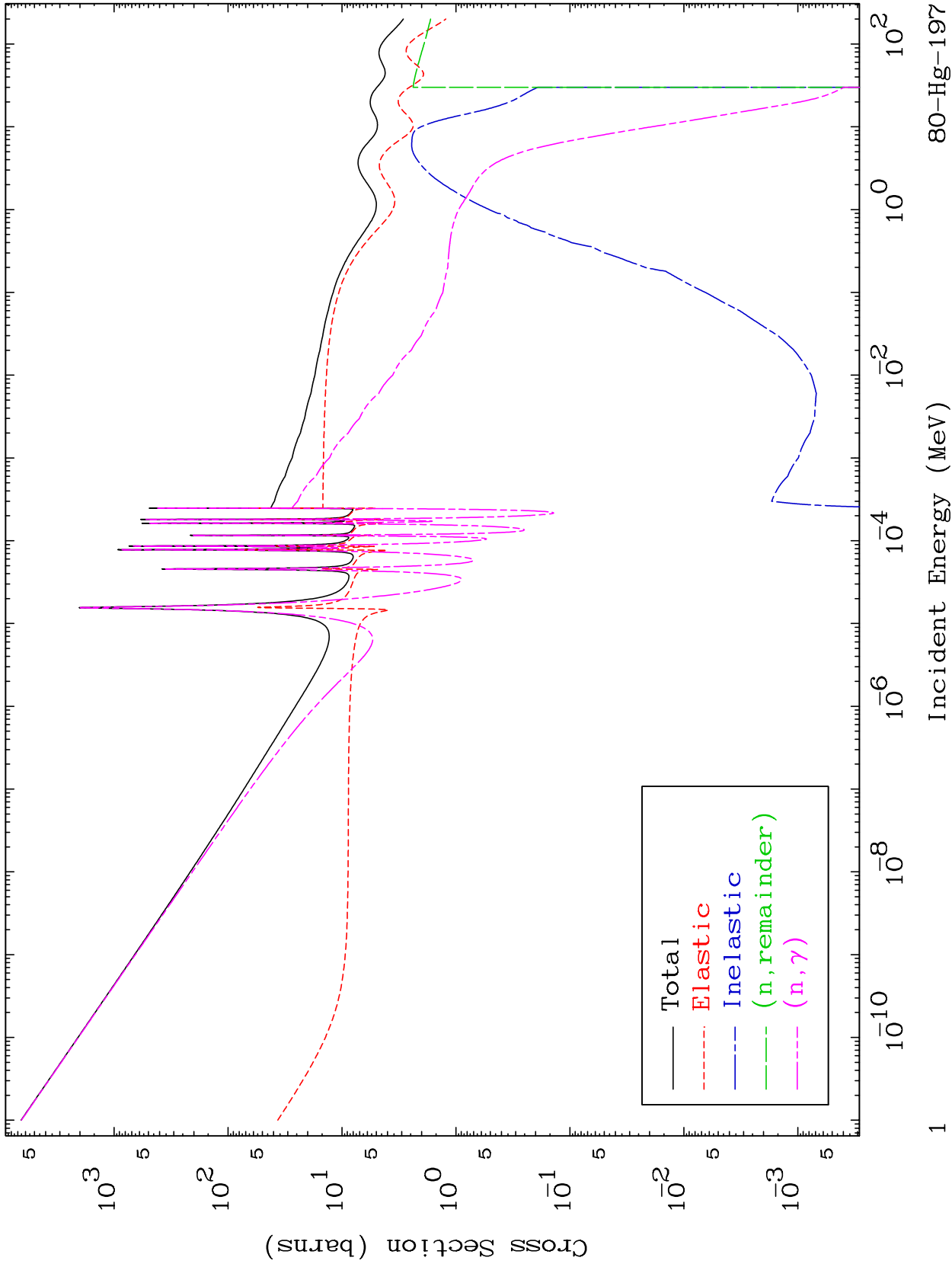
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8029

Major
293 Kelvin Cross Sections

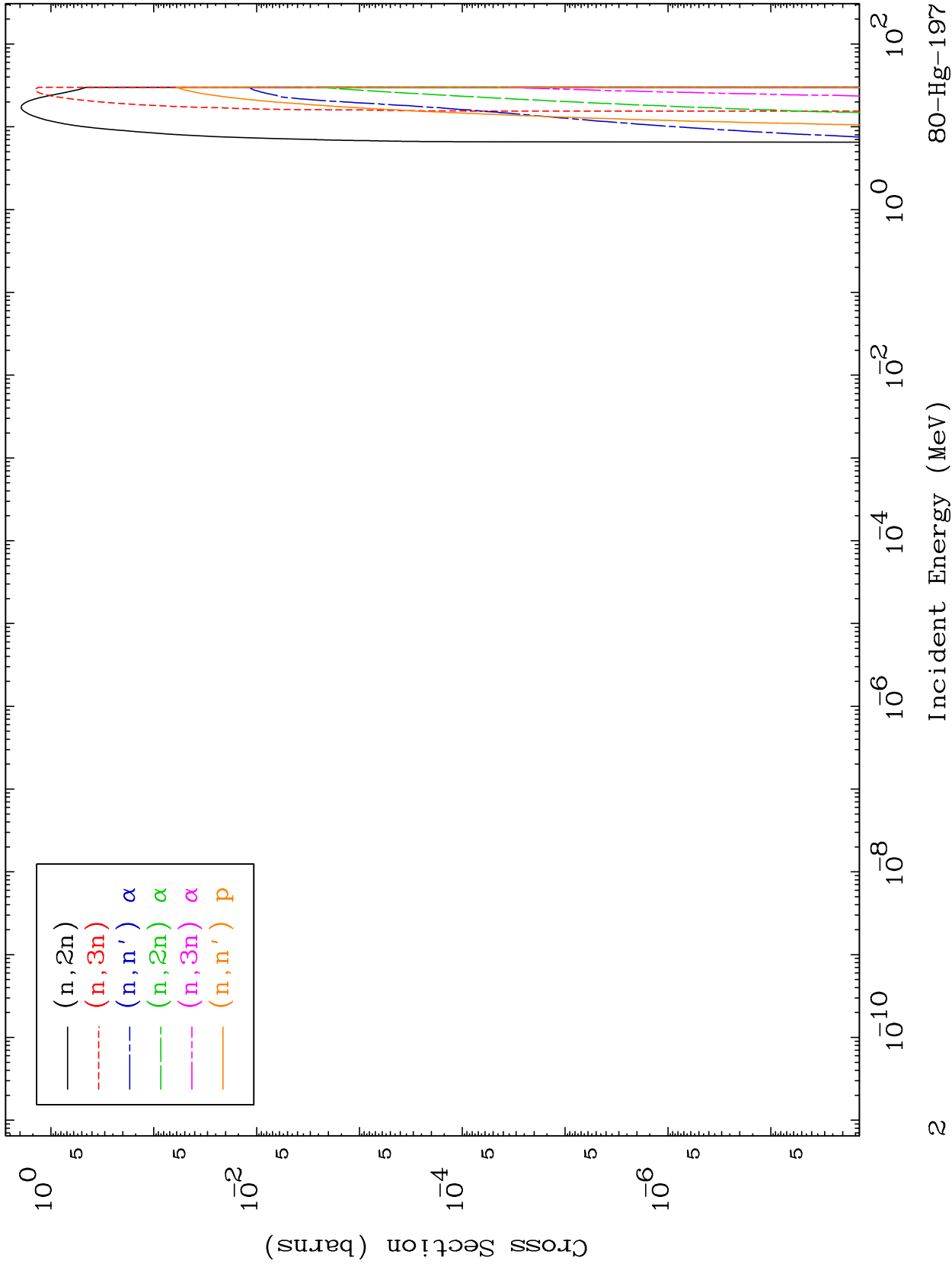
80-Hg-197

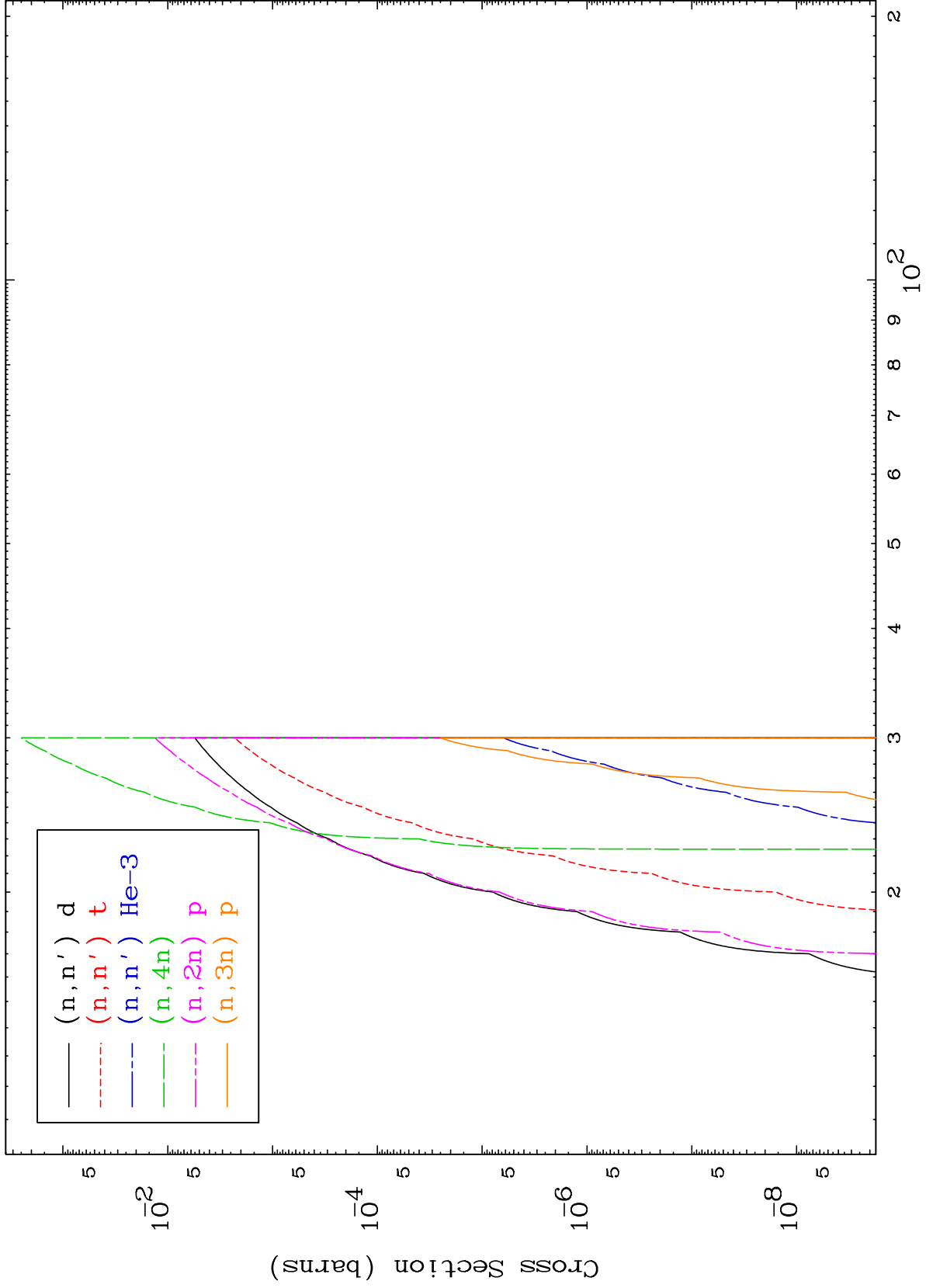


MAT 8029

Neutron Production
293 Kelvin Cross Sections

80-Hg-197

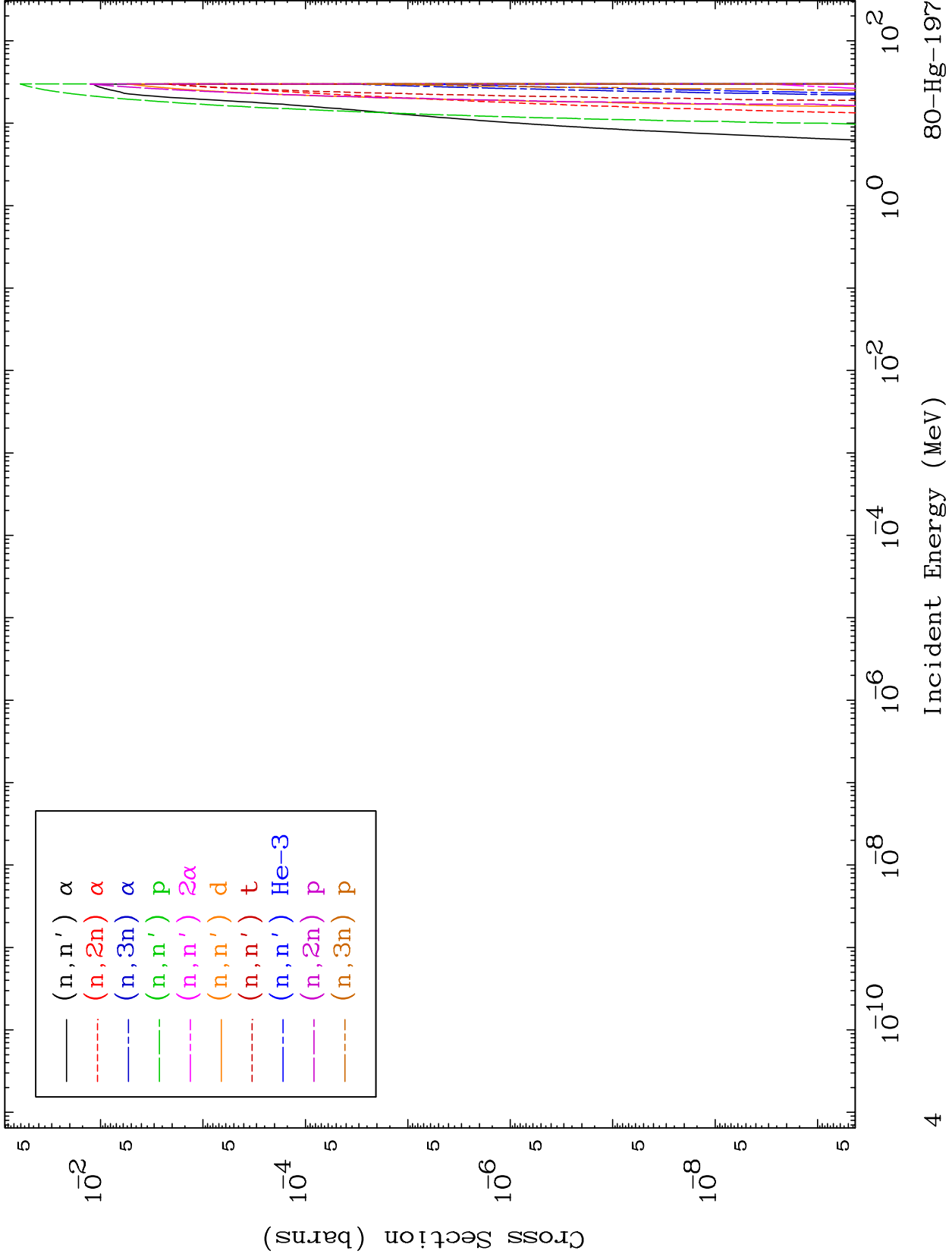




MAT 8029

Charged Particle
293 Kelvin Cross Sections

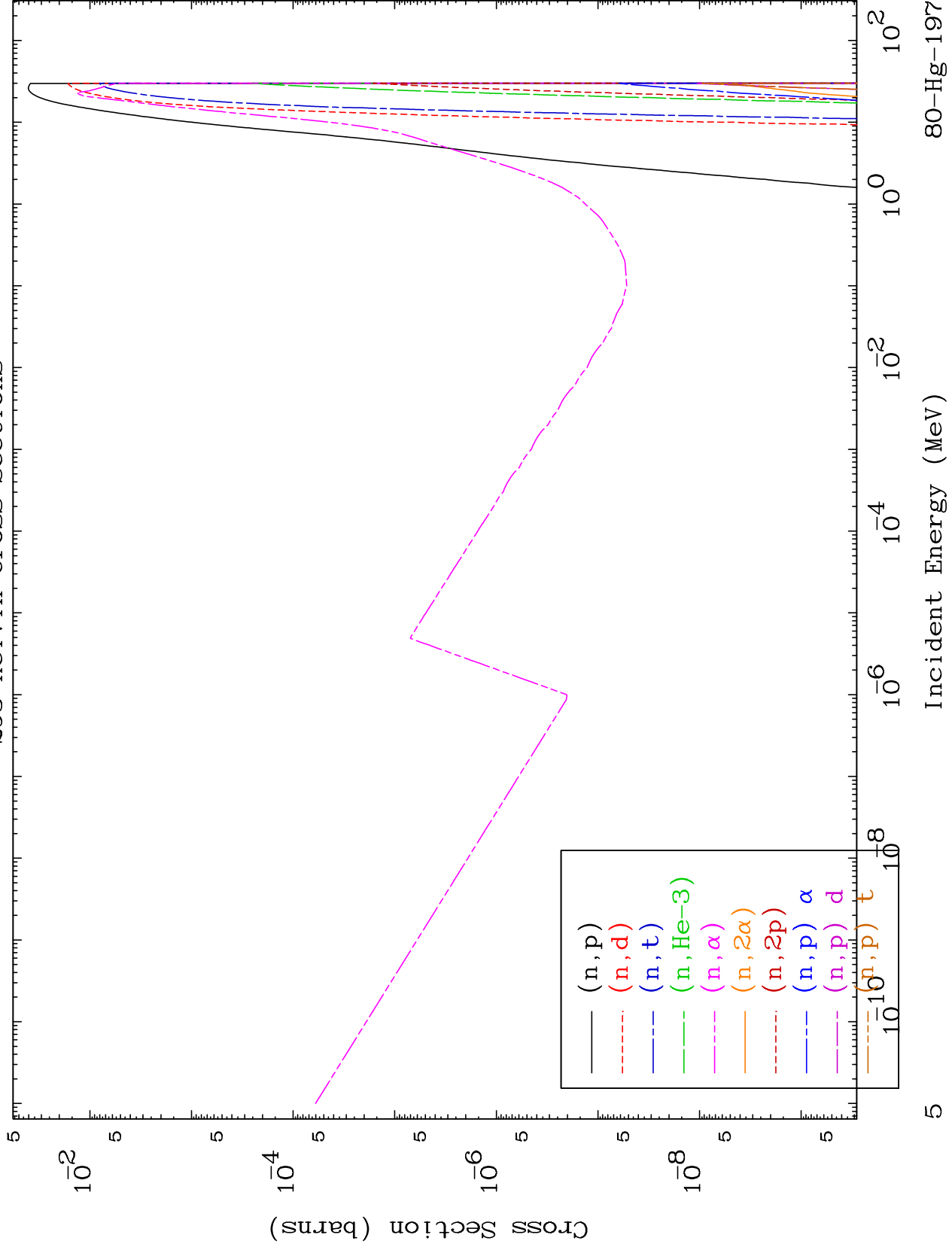
80-Hg-197

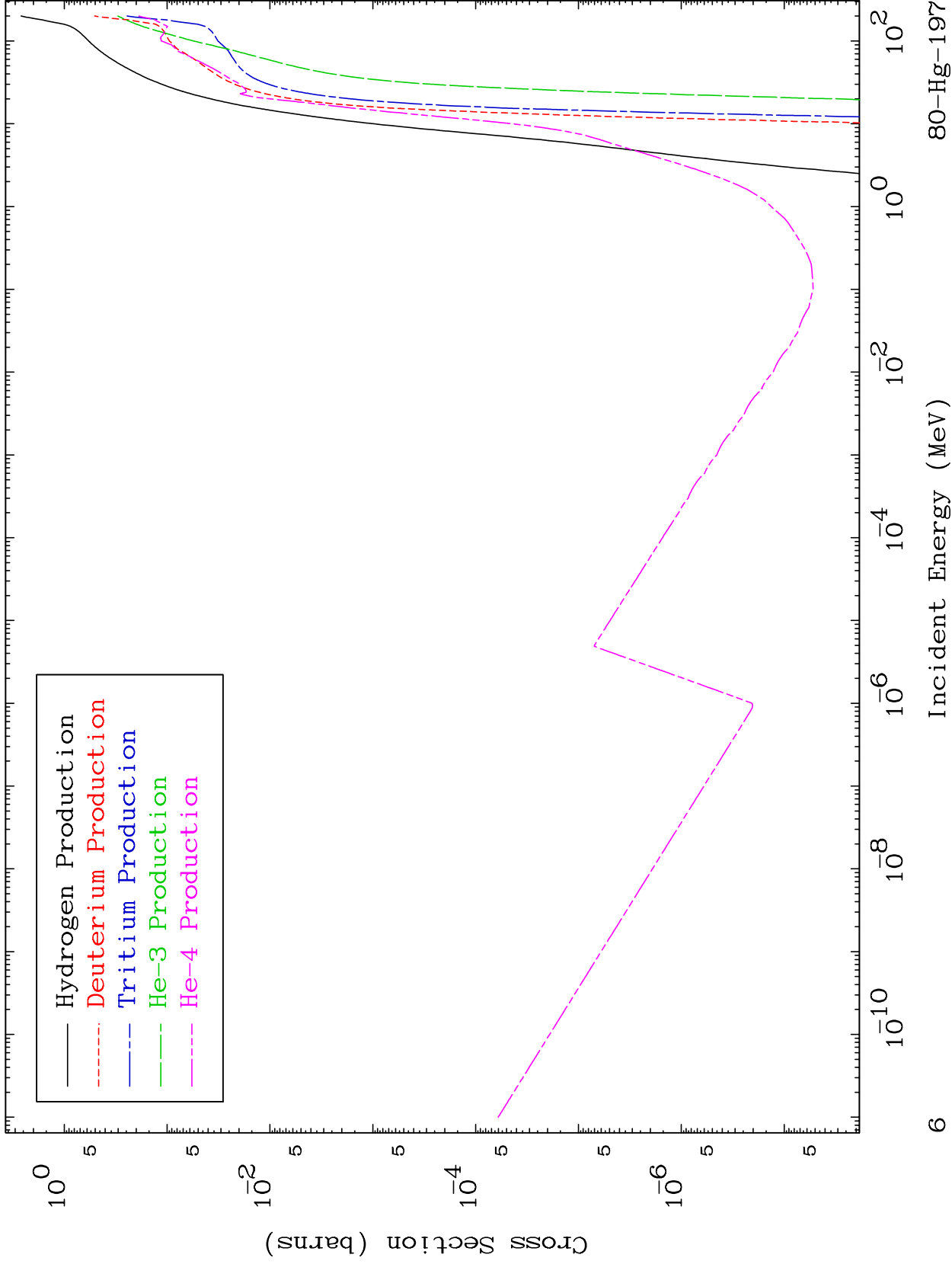


MAT 8029

Charged Particle
293 Kelvin Cross Sections

80-Hg-197

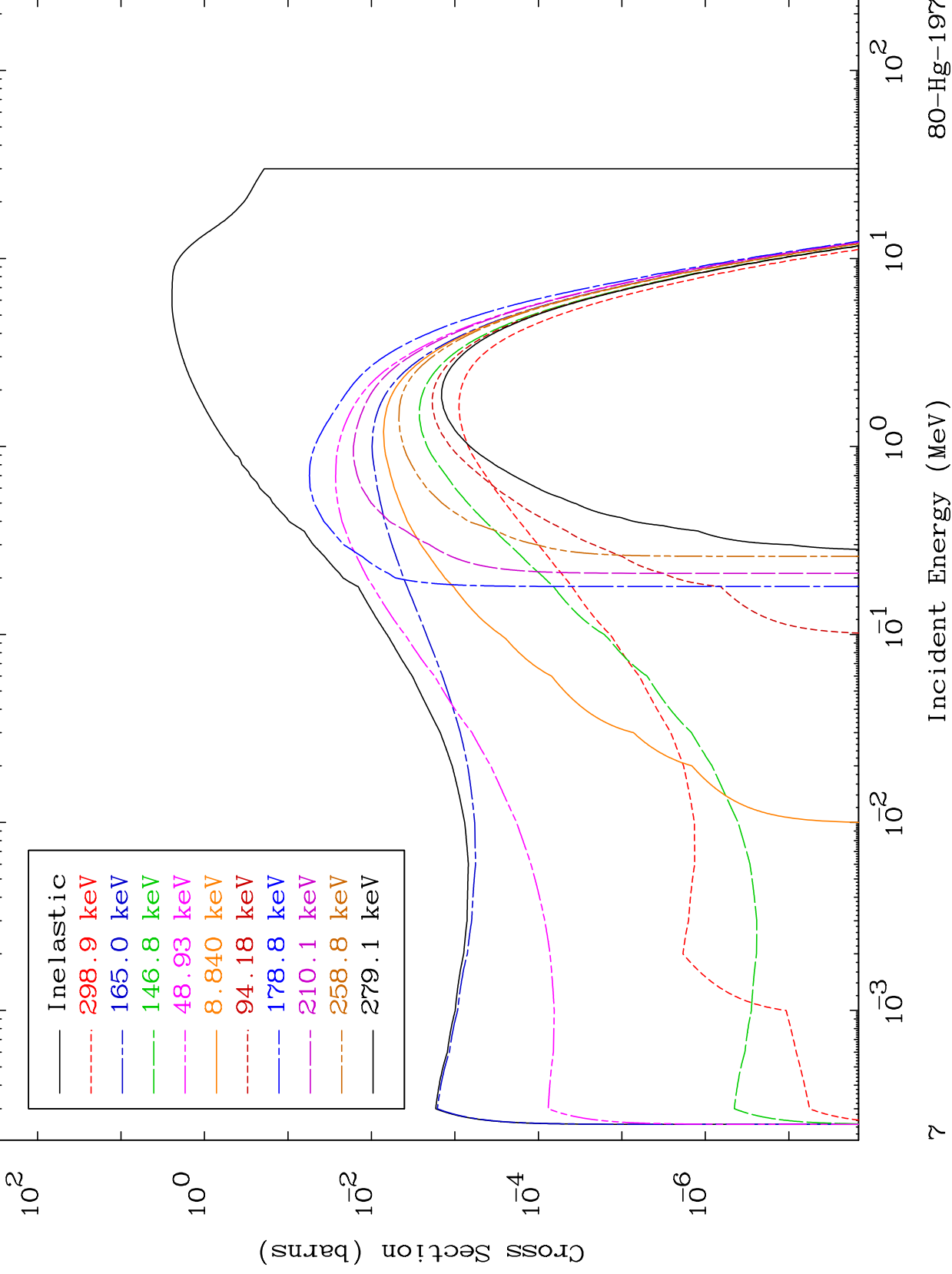




MAT 8029

(n,n') Level
293 Kelvin Cross Sections

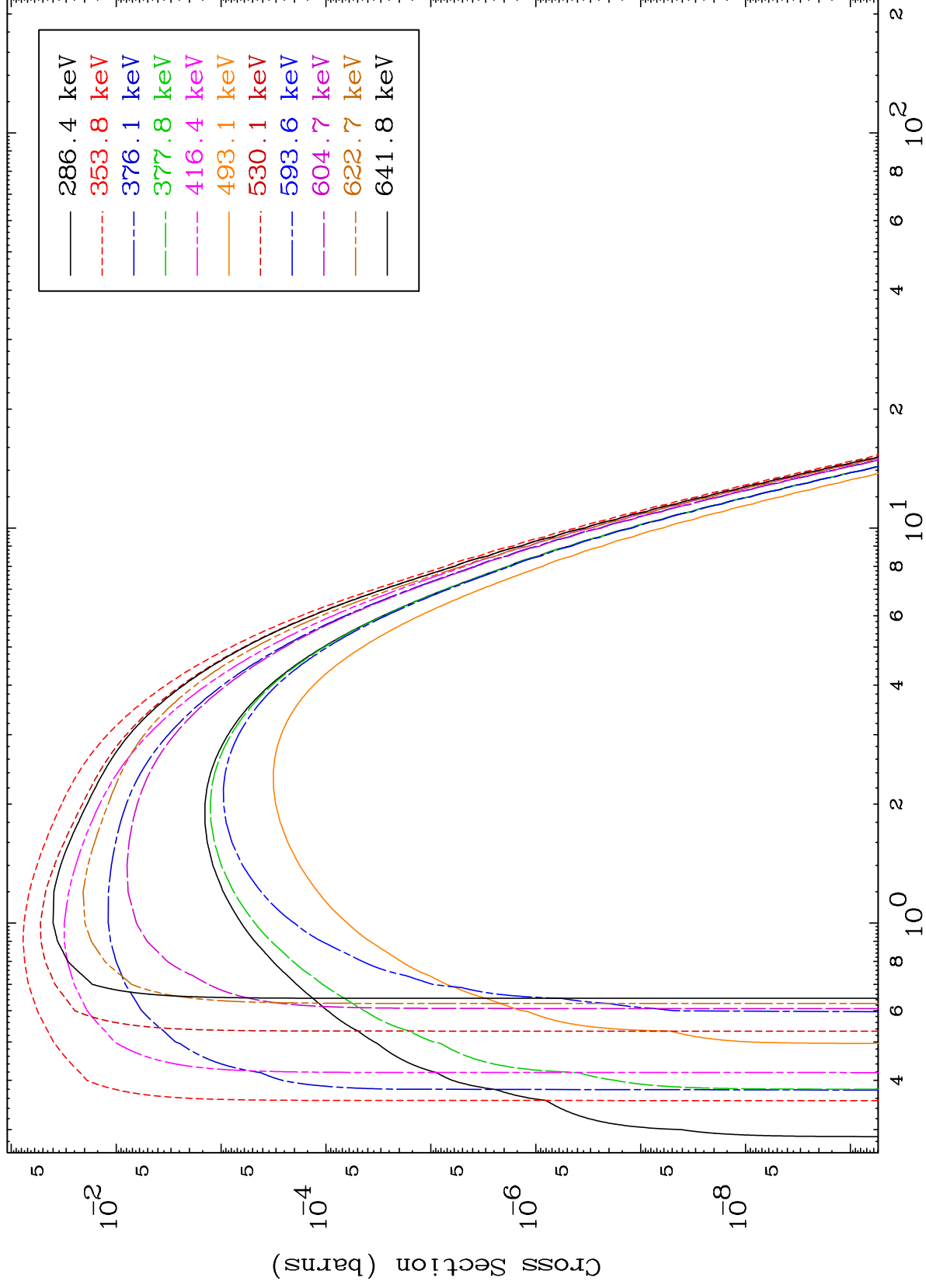
80-Hg-197



MAT 80299

(n,n') Level
293 Kelvin Cross Sections

80-Hg-197



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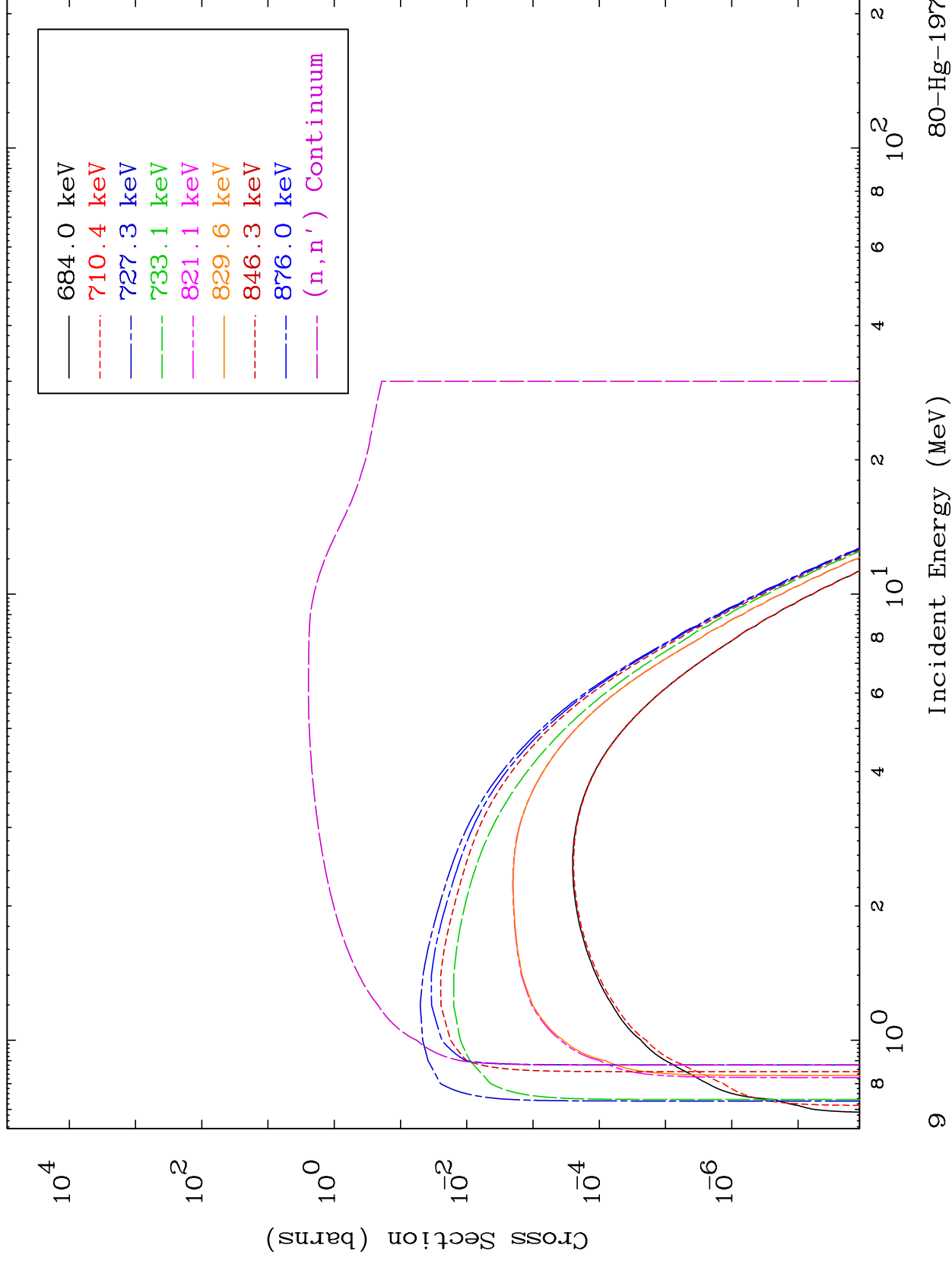
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,n') Level
293 Kelvin Cross Sections

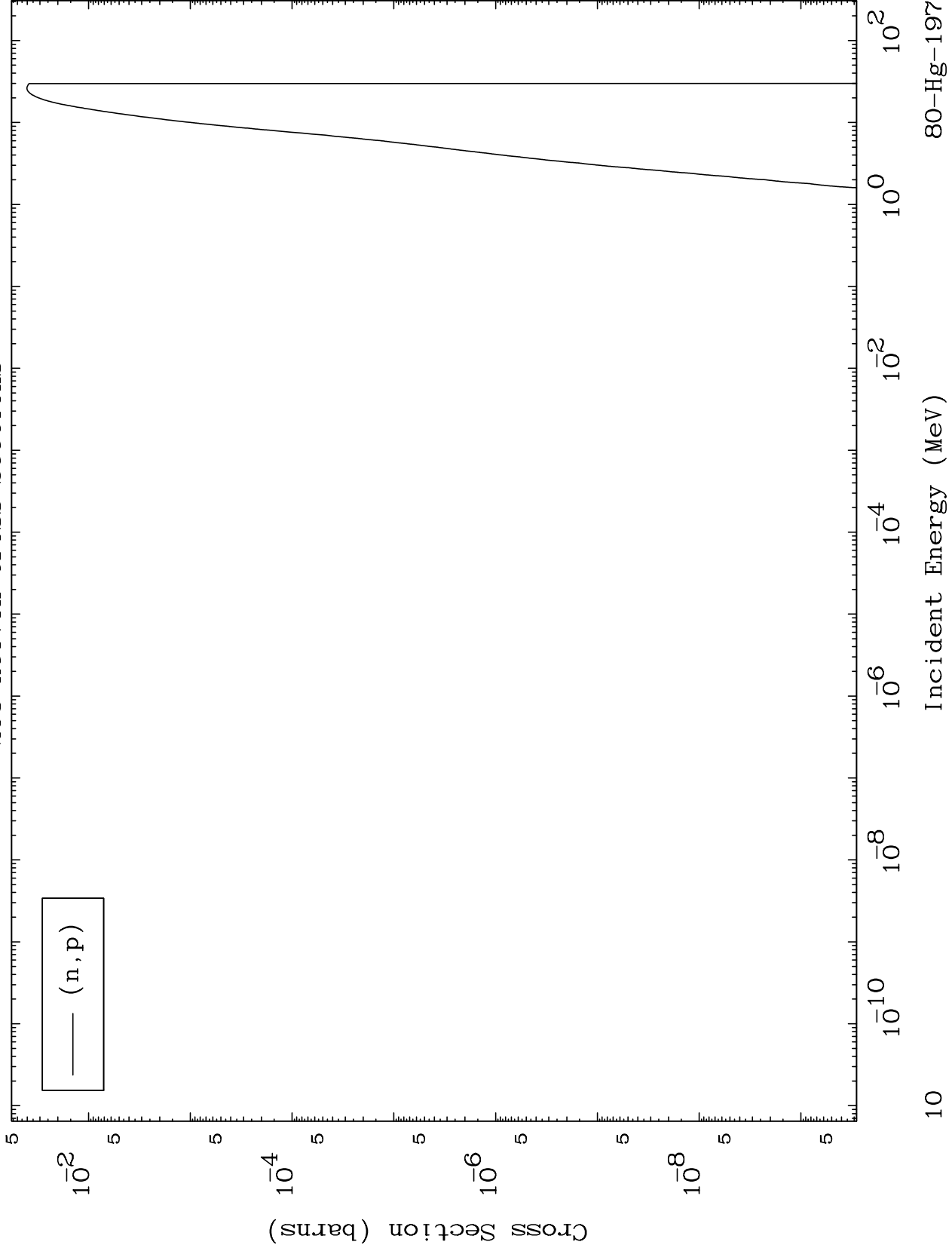
80-Hg-197



MAT 8029

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-197



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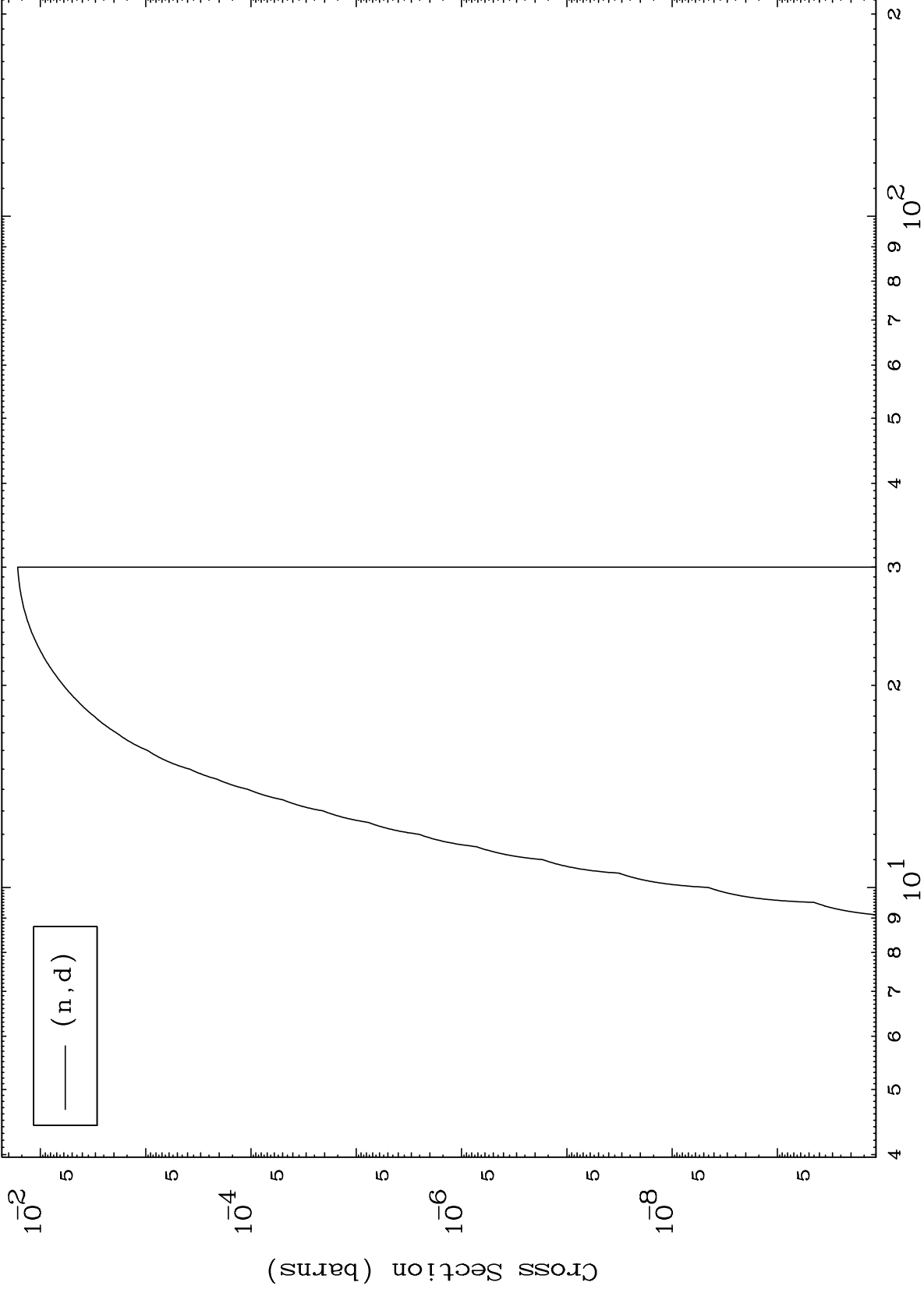
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,d) Levels
293 Kelvin Cross Sections

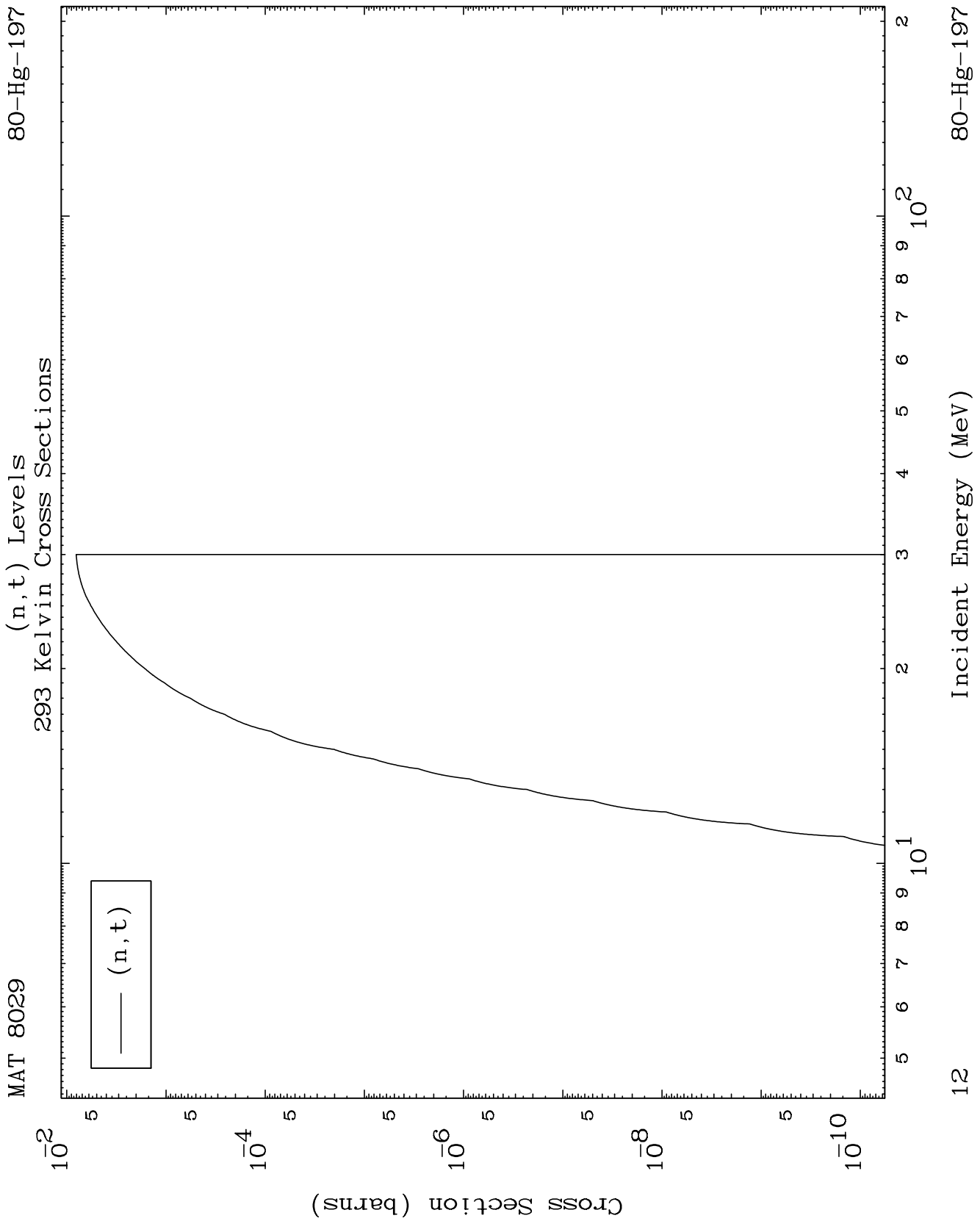
80-Hg-197



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Incident Energy (MeV)

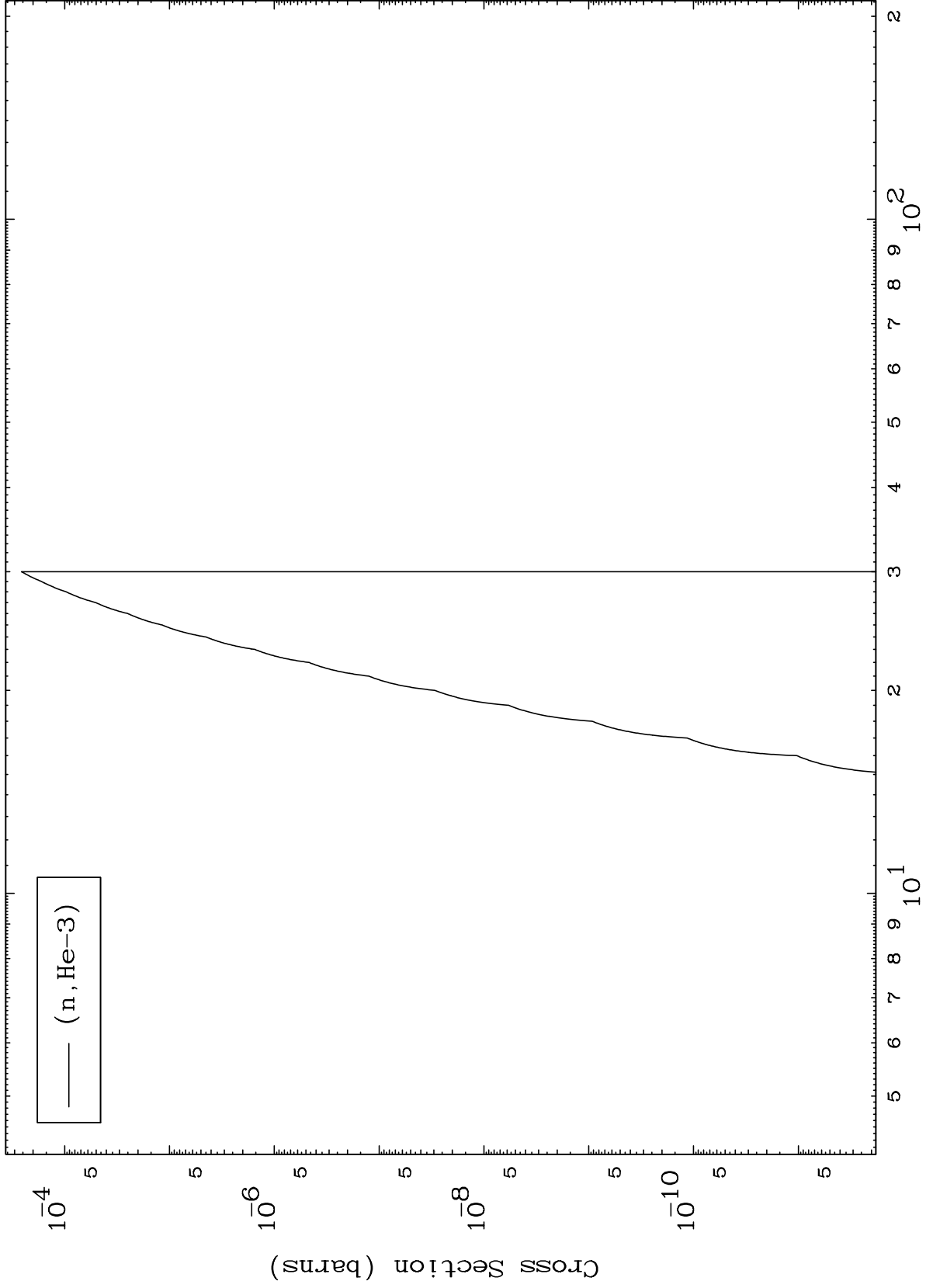
80-Hg-197



MAT 8029

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-197



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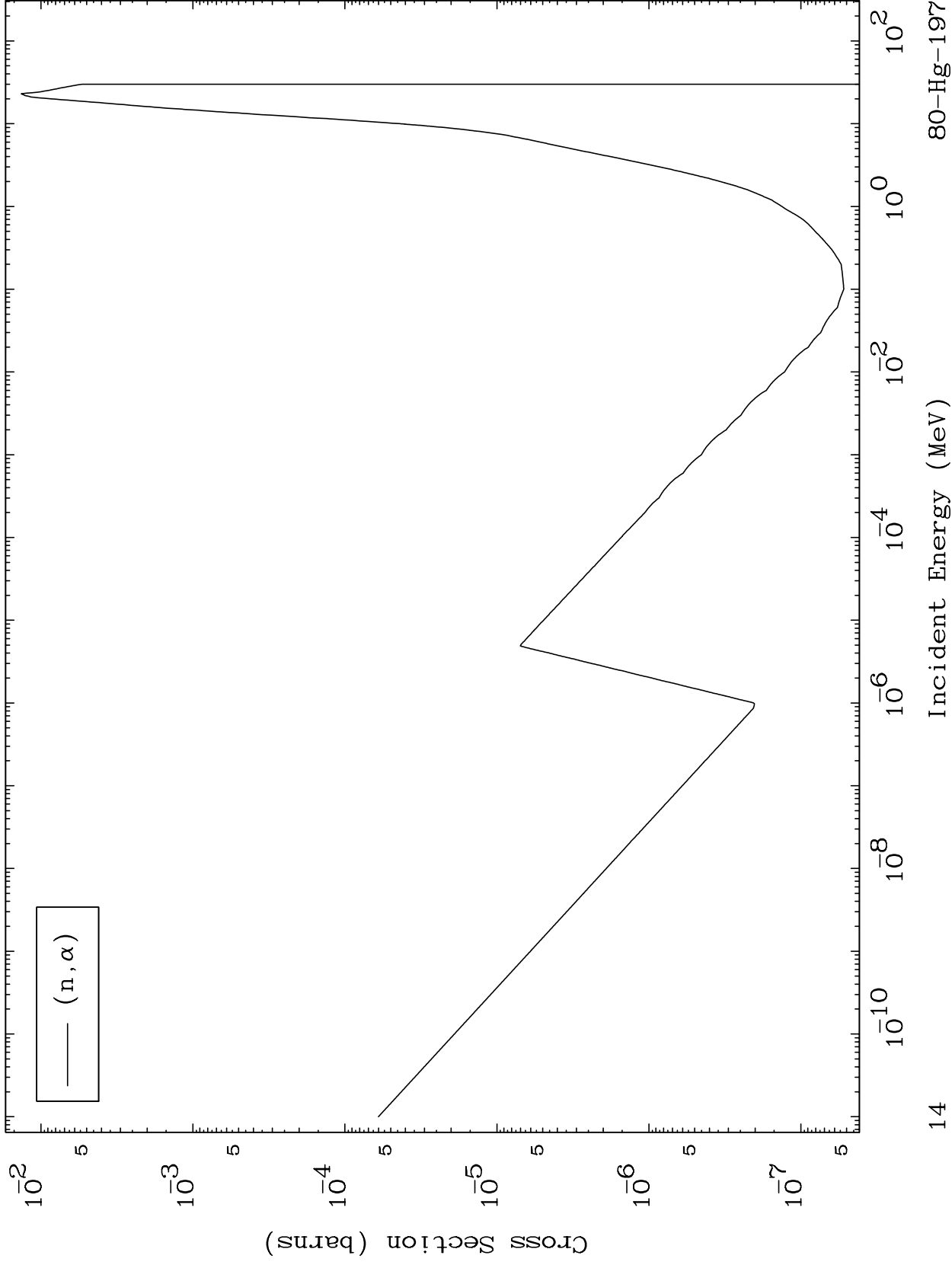
Incident Energy (MeV)

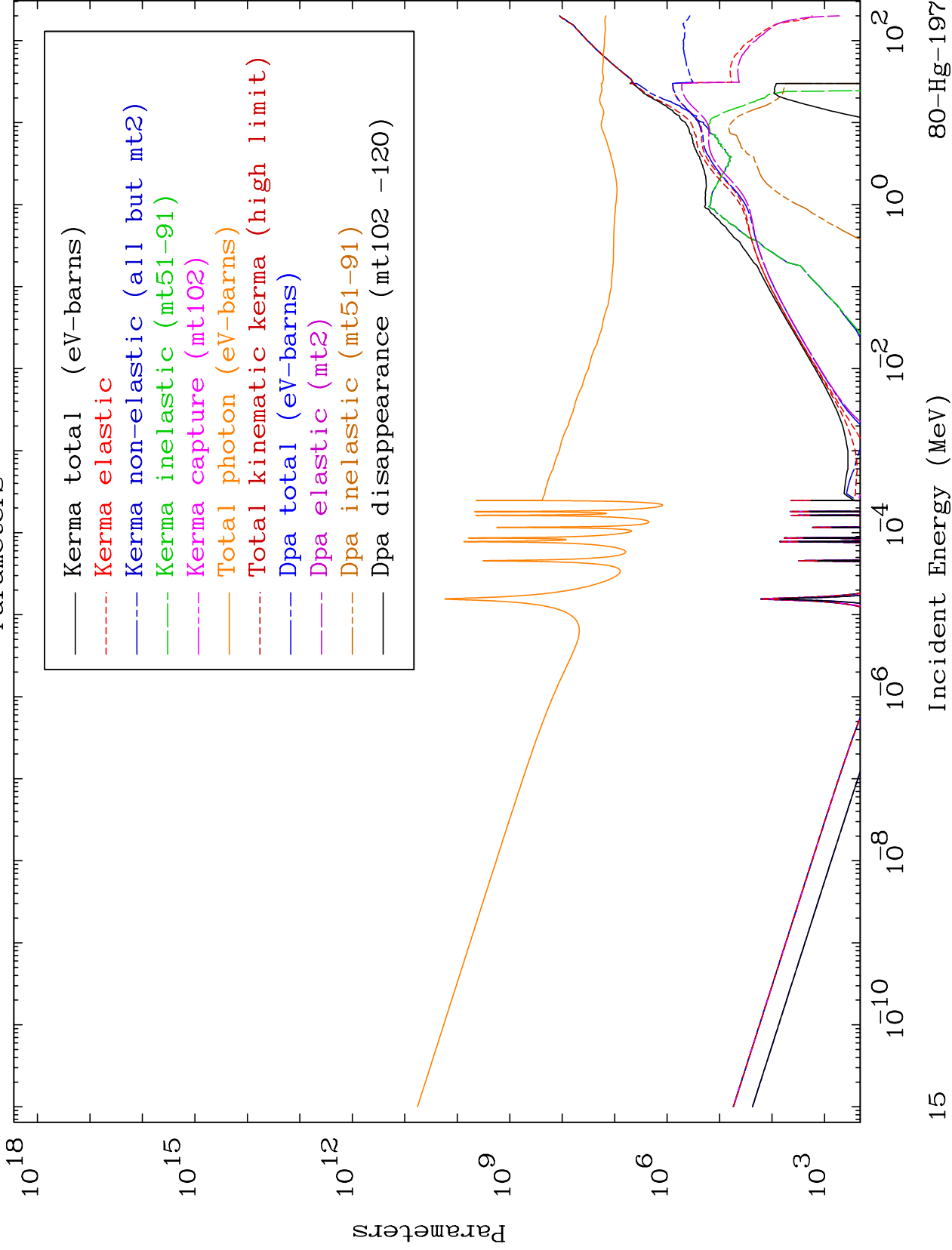
80-Hg-197

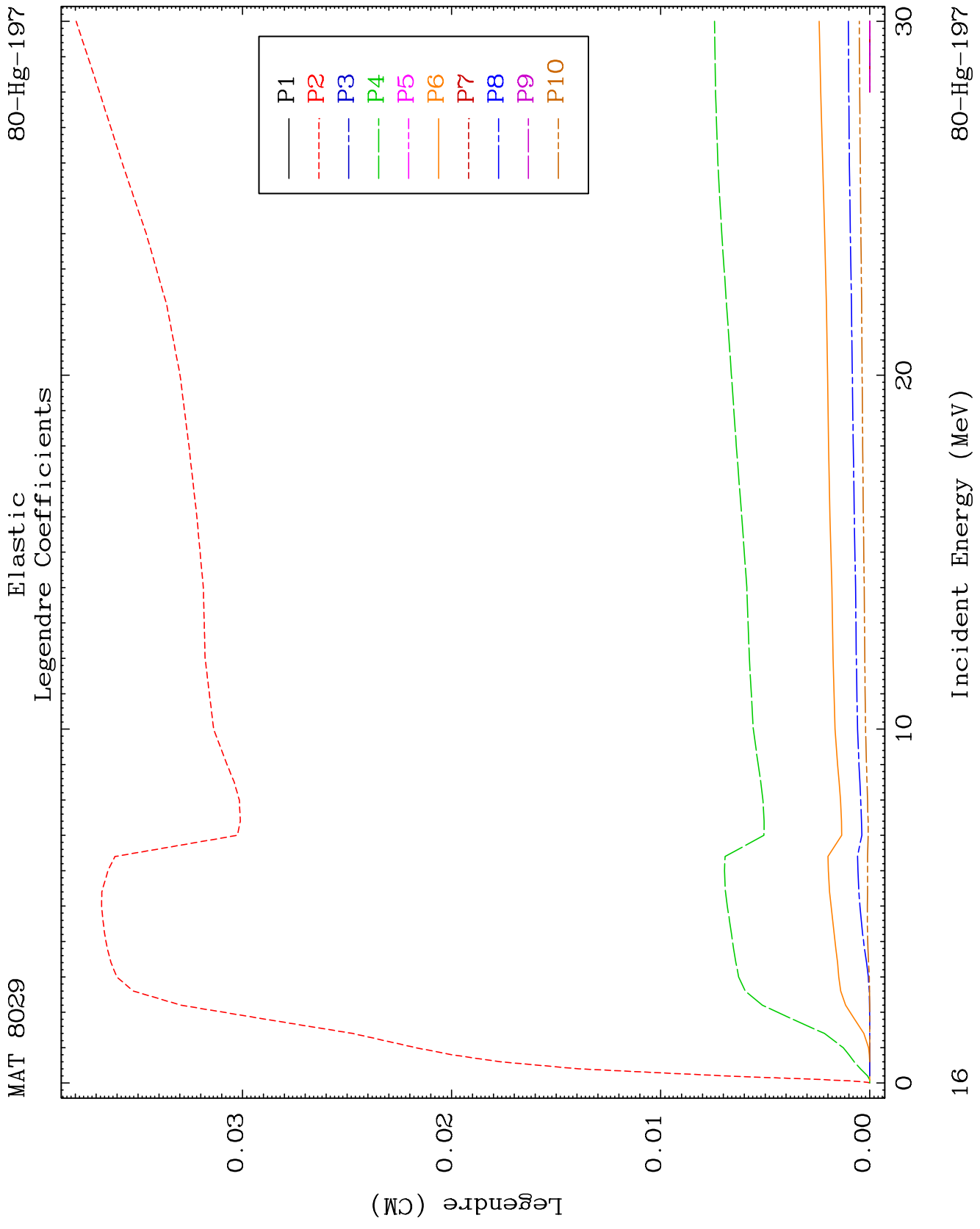
MAT 8029

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-197



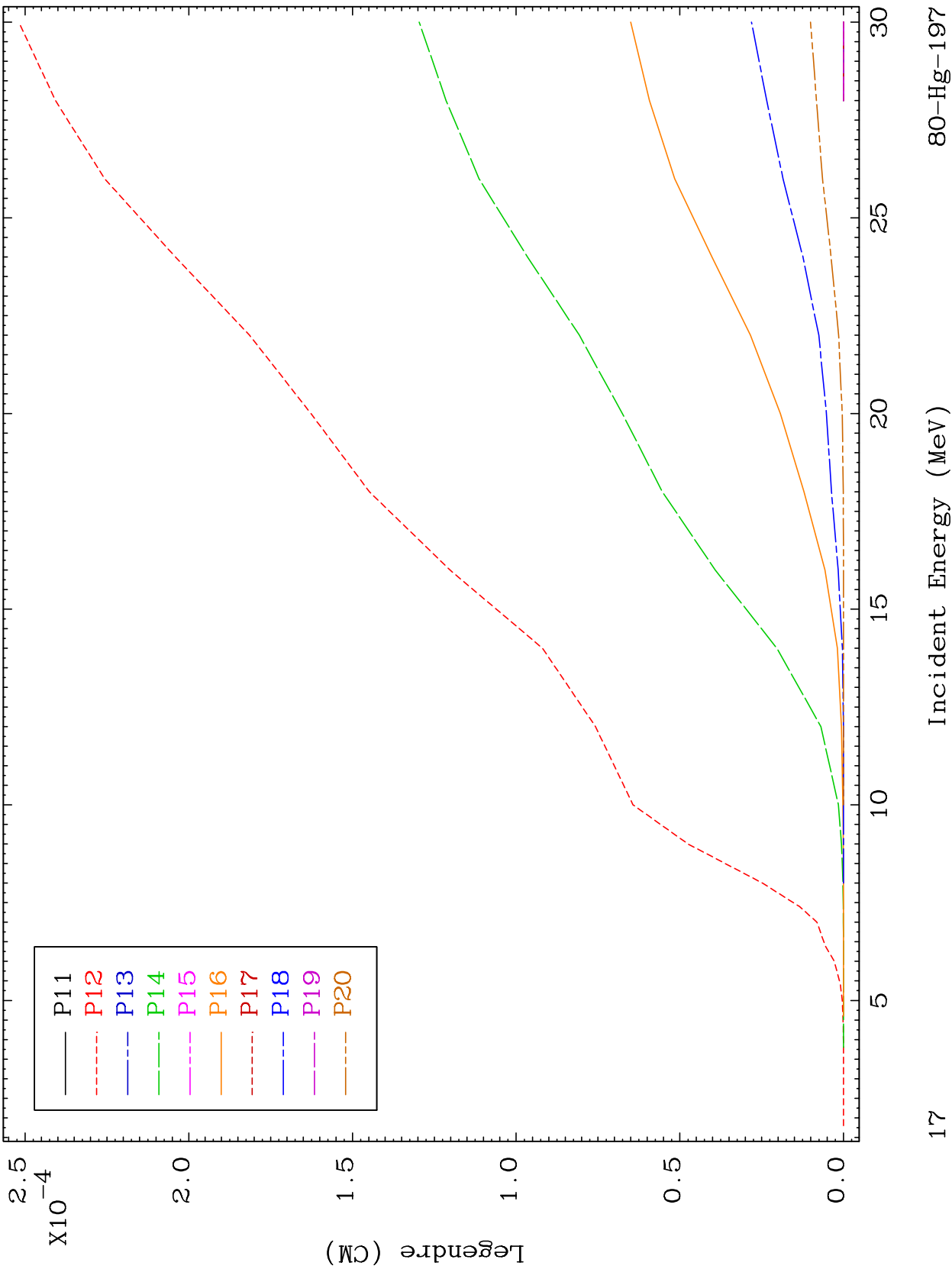




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Elastic Legendre Coefficients

80-Hg-197

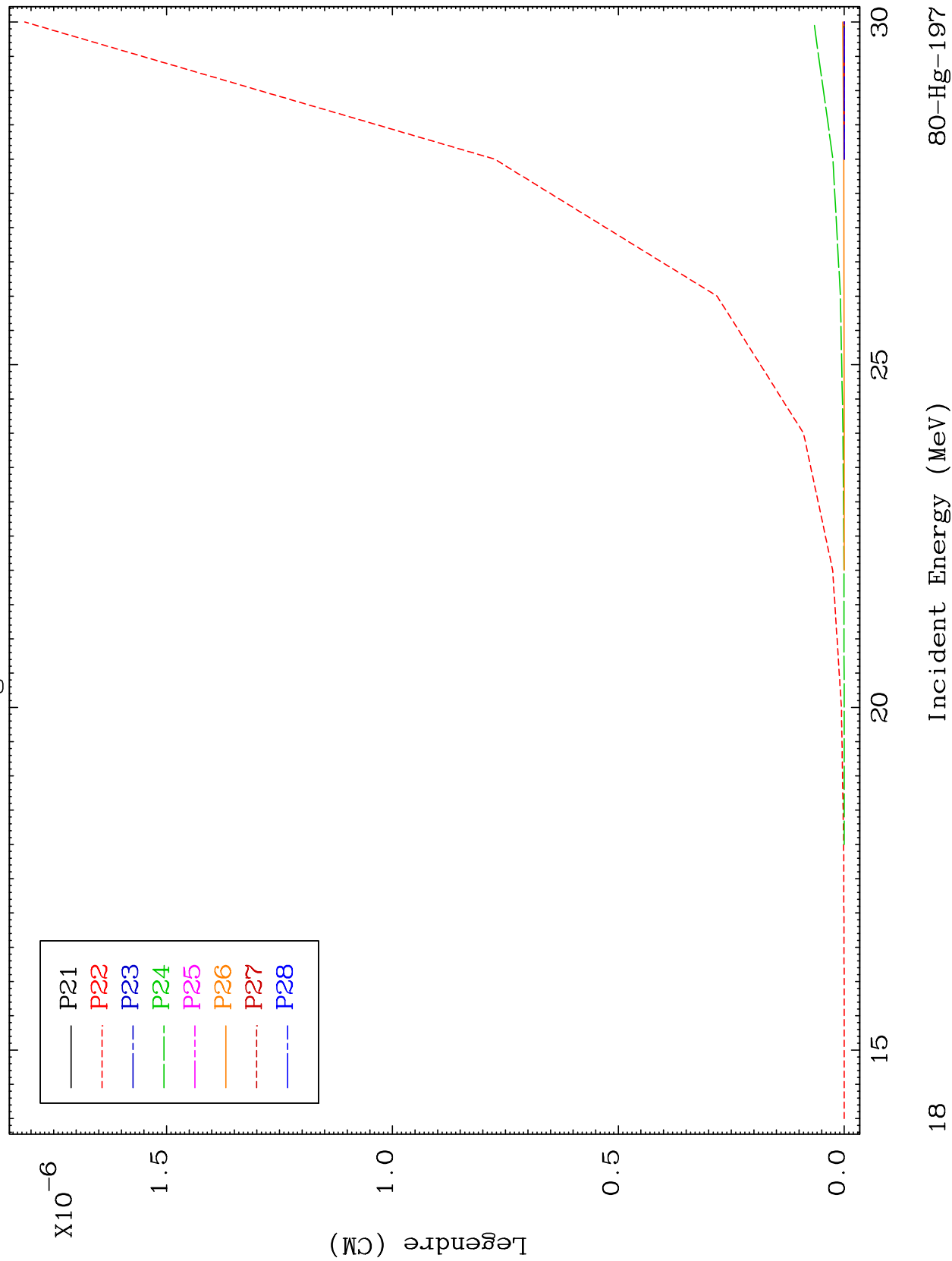


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MAT 8029

Elastic Legendre Coefficients

80-Hg-197



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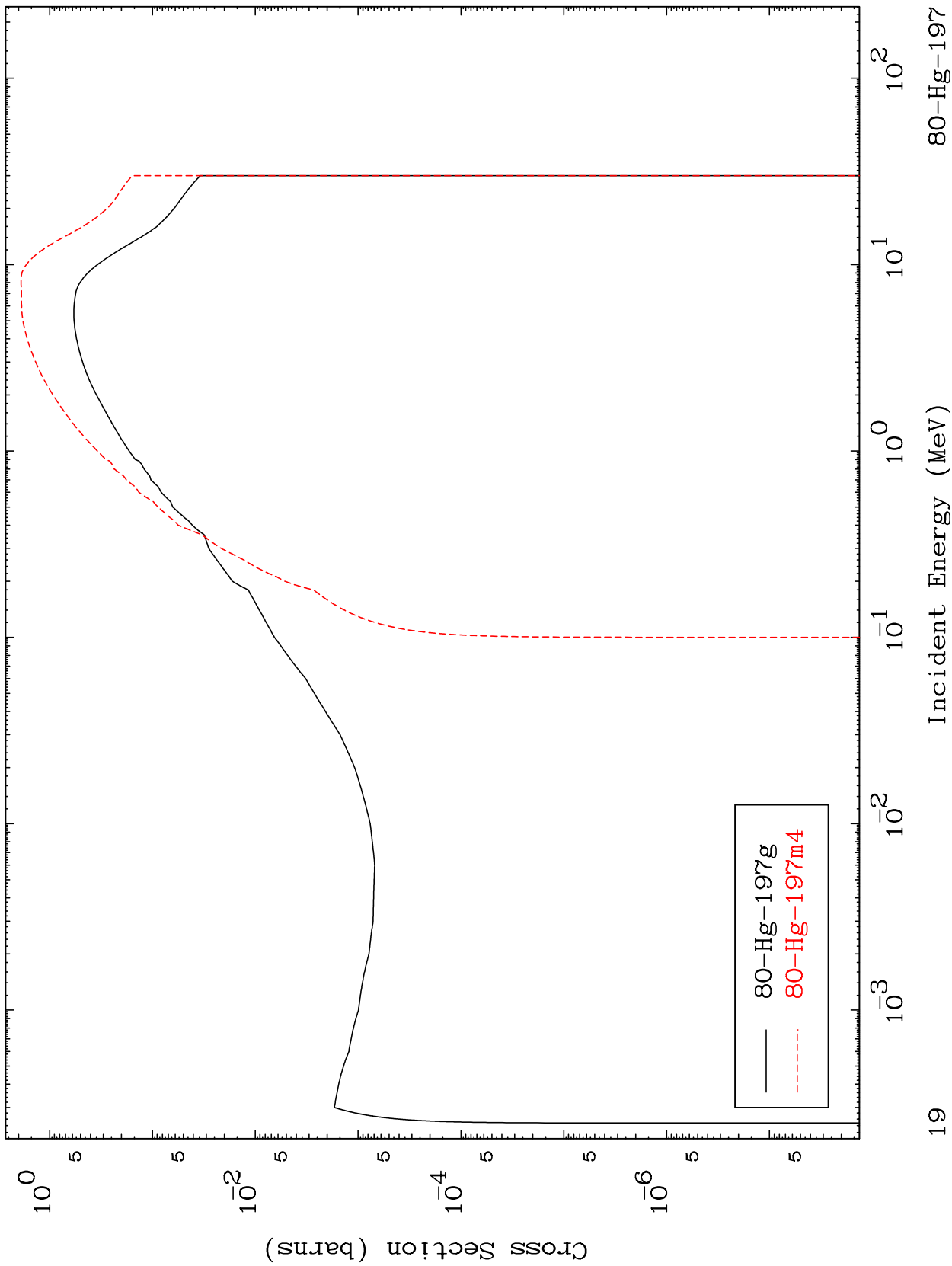
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

Inelastic
Radionuclide Production Cross Section



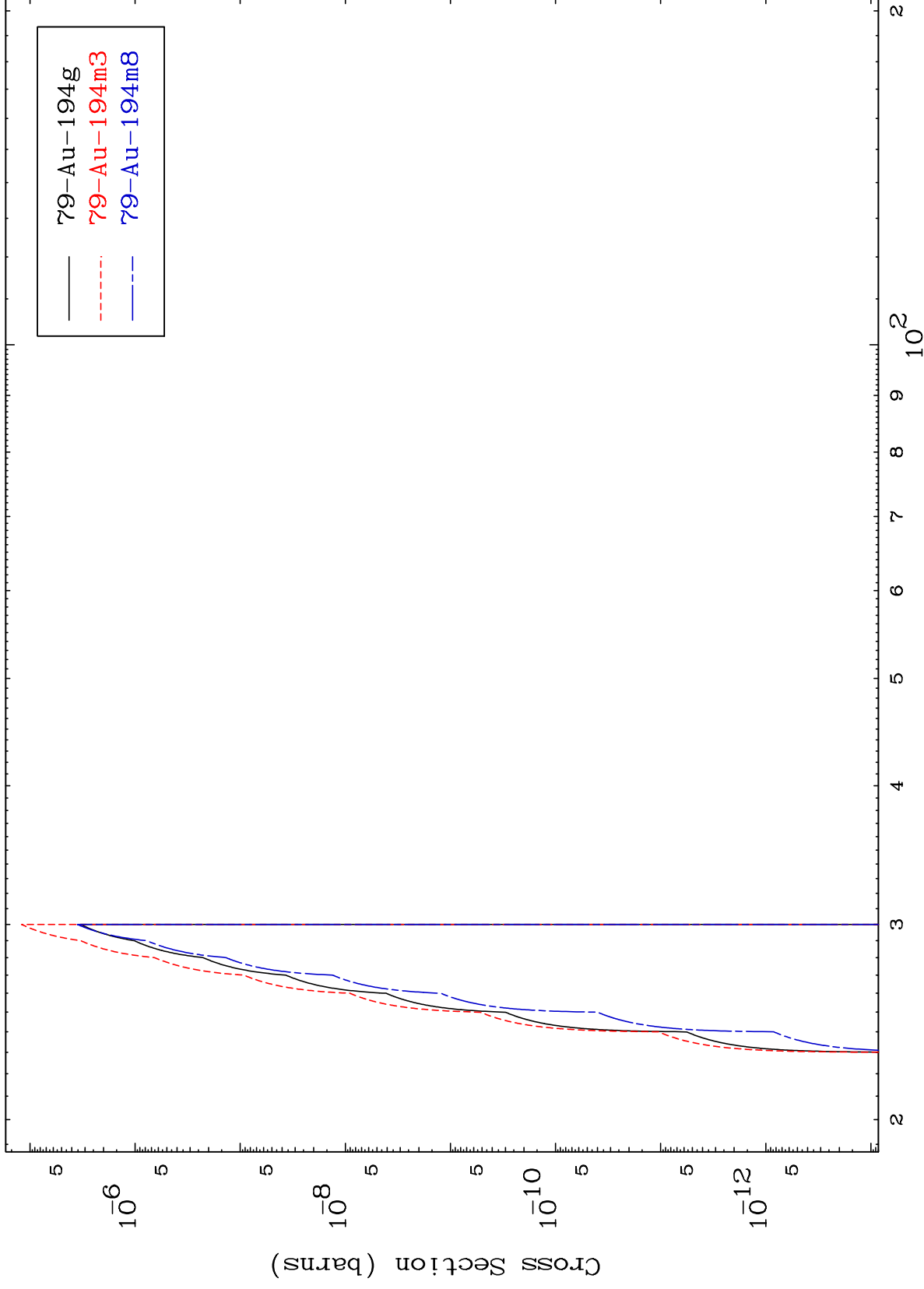
— 80-Hg-197g
- - - 80-Hg-197m4

MAT 8029

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

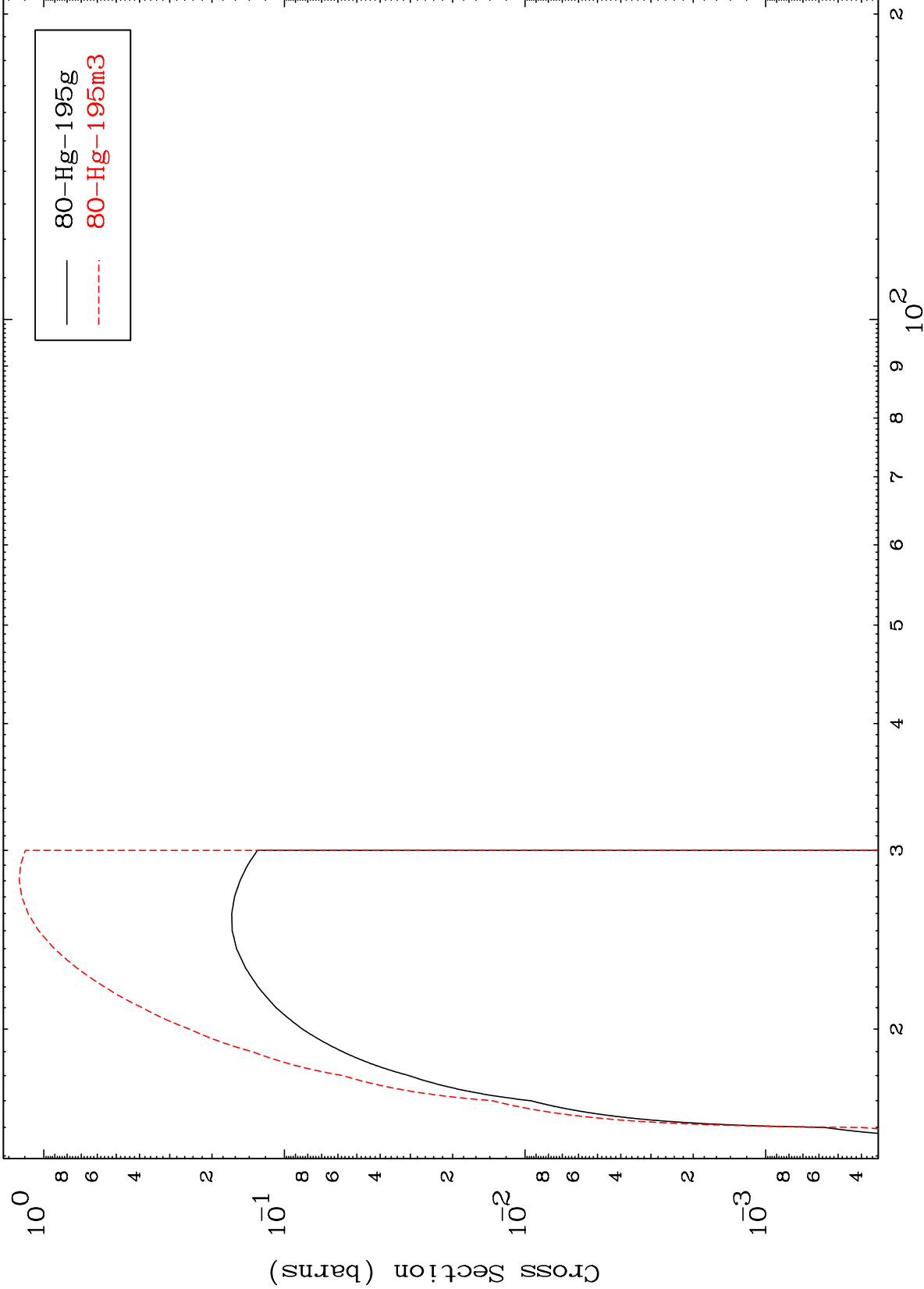
80-Hg-197

MAT 8029

(n,3n)

80-Hg-197

Radionuclide Production Cross Section

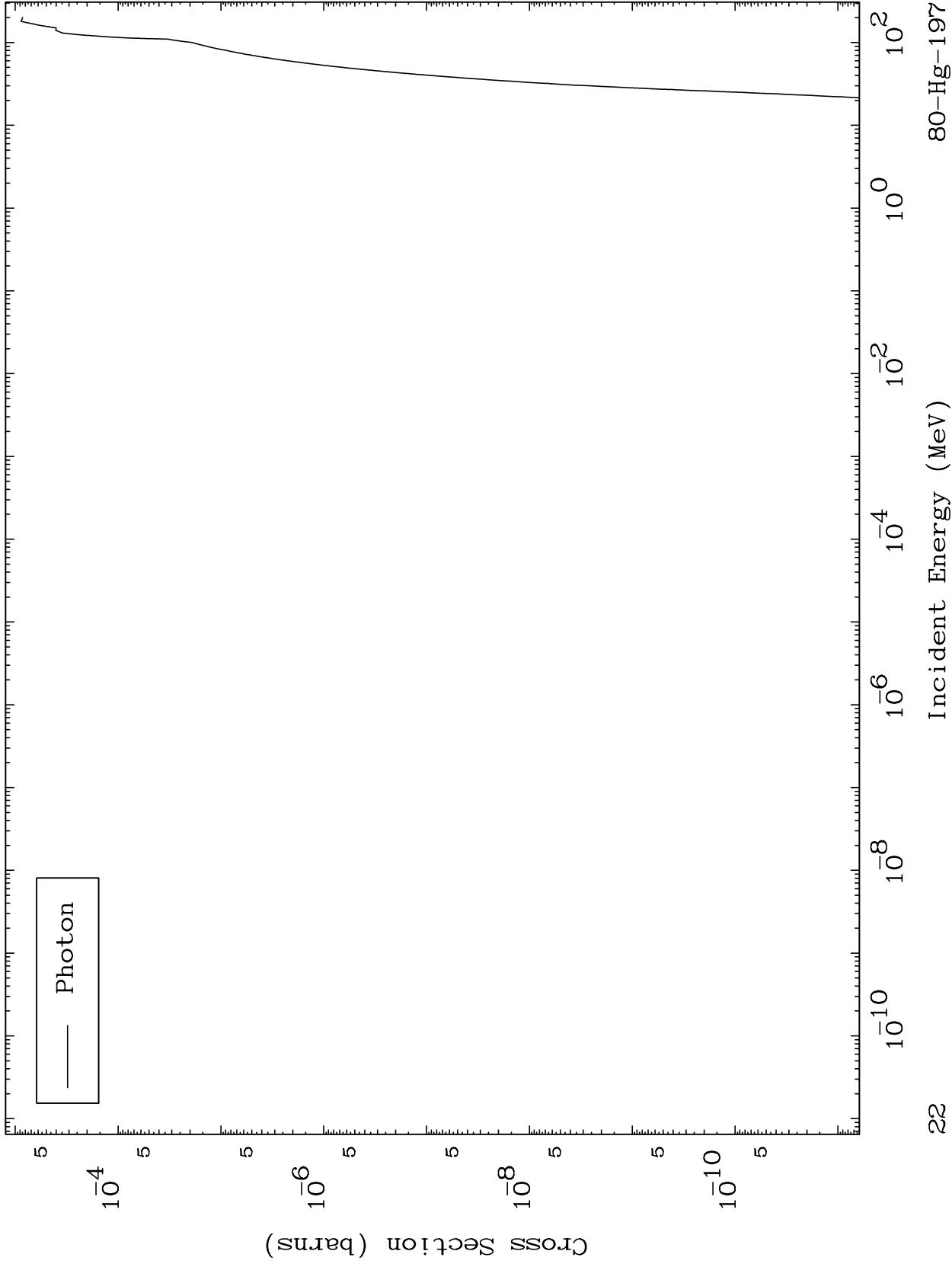


80-Hg-195g
80-Hg-195m3

MAT 8029

Fission
Radionuclide Production Cross Section

80-Hg-197

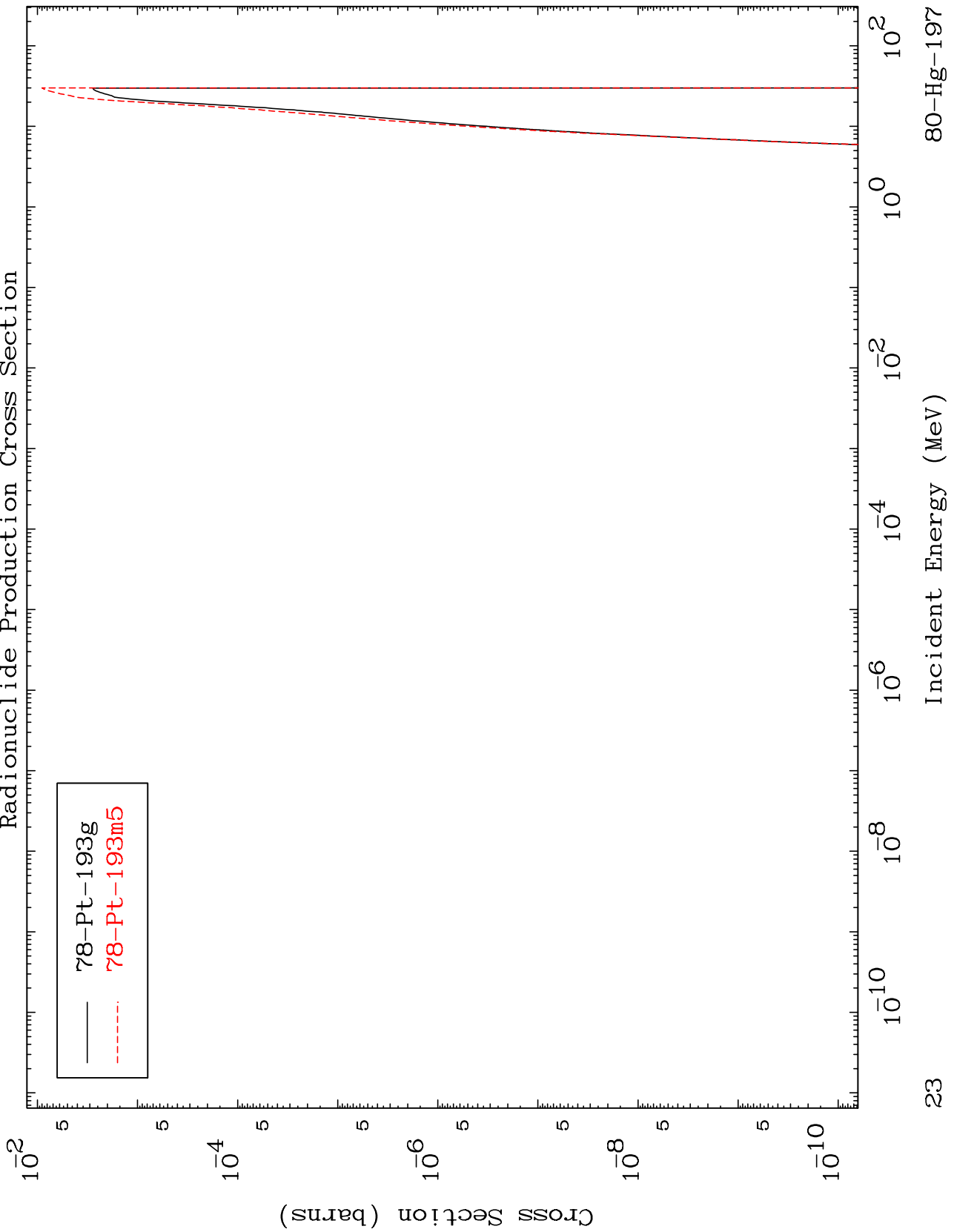


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$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section

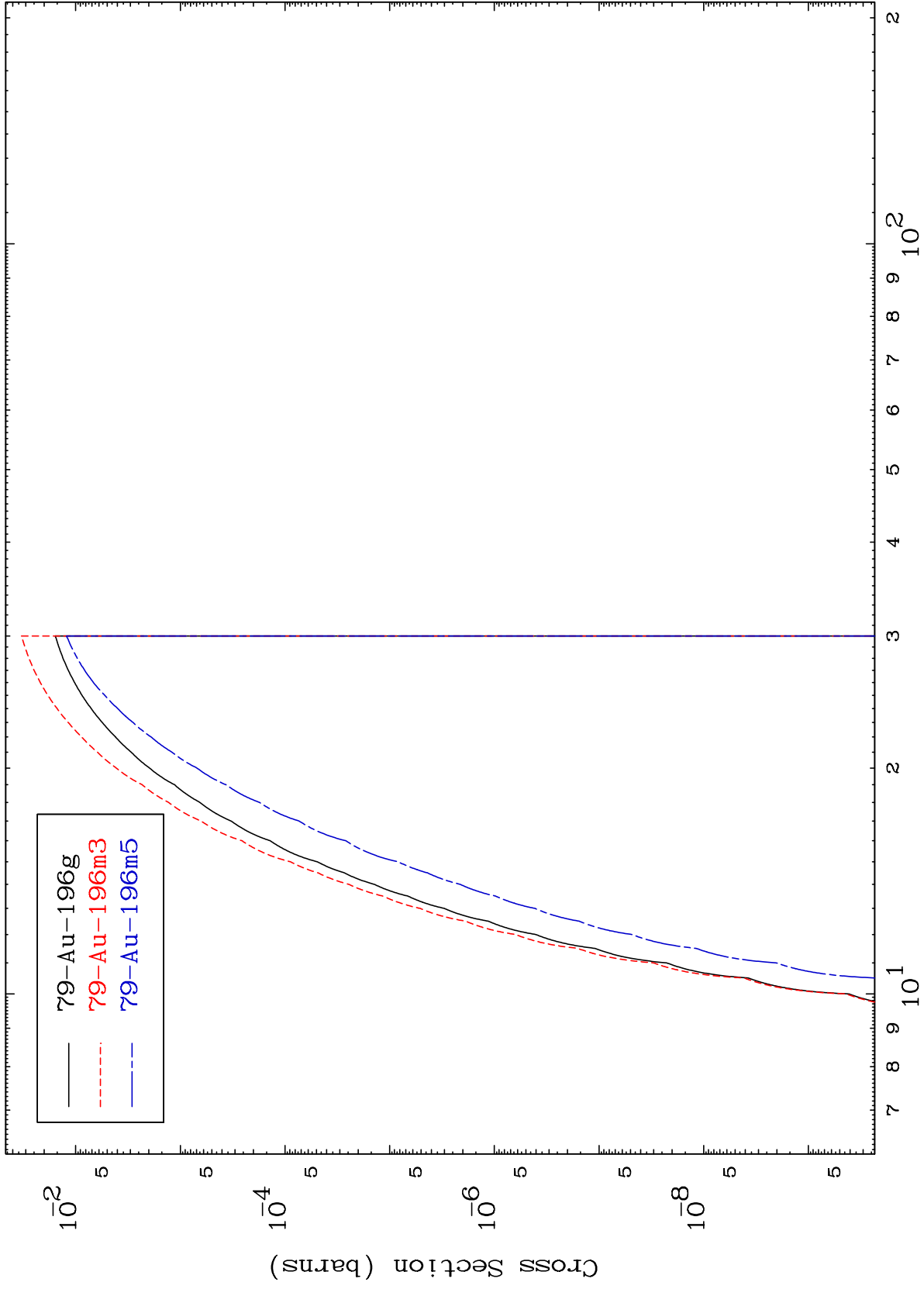


78-Pt-193g
78-Pt-193m5

MAT 8029

80-Hg-197

(n,n') p
Radionuclide Production Cross Section



24

Incident Energy (MeV)

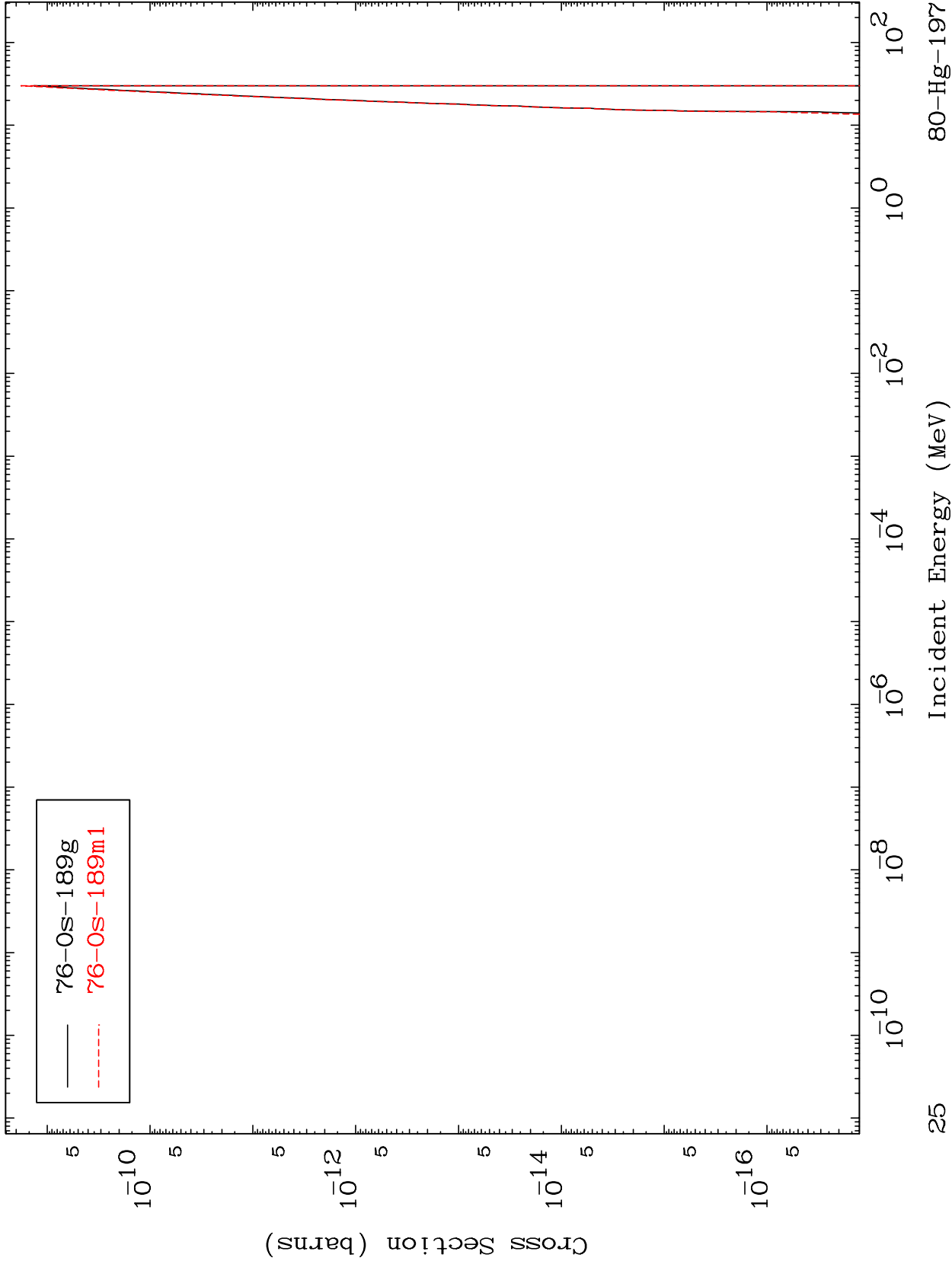
80-Hg-197

MAT 8029

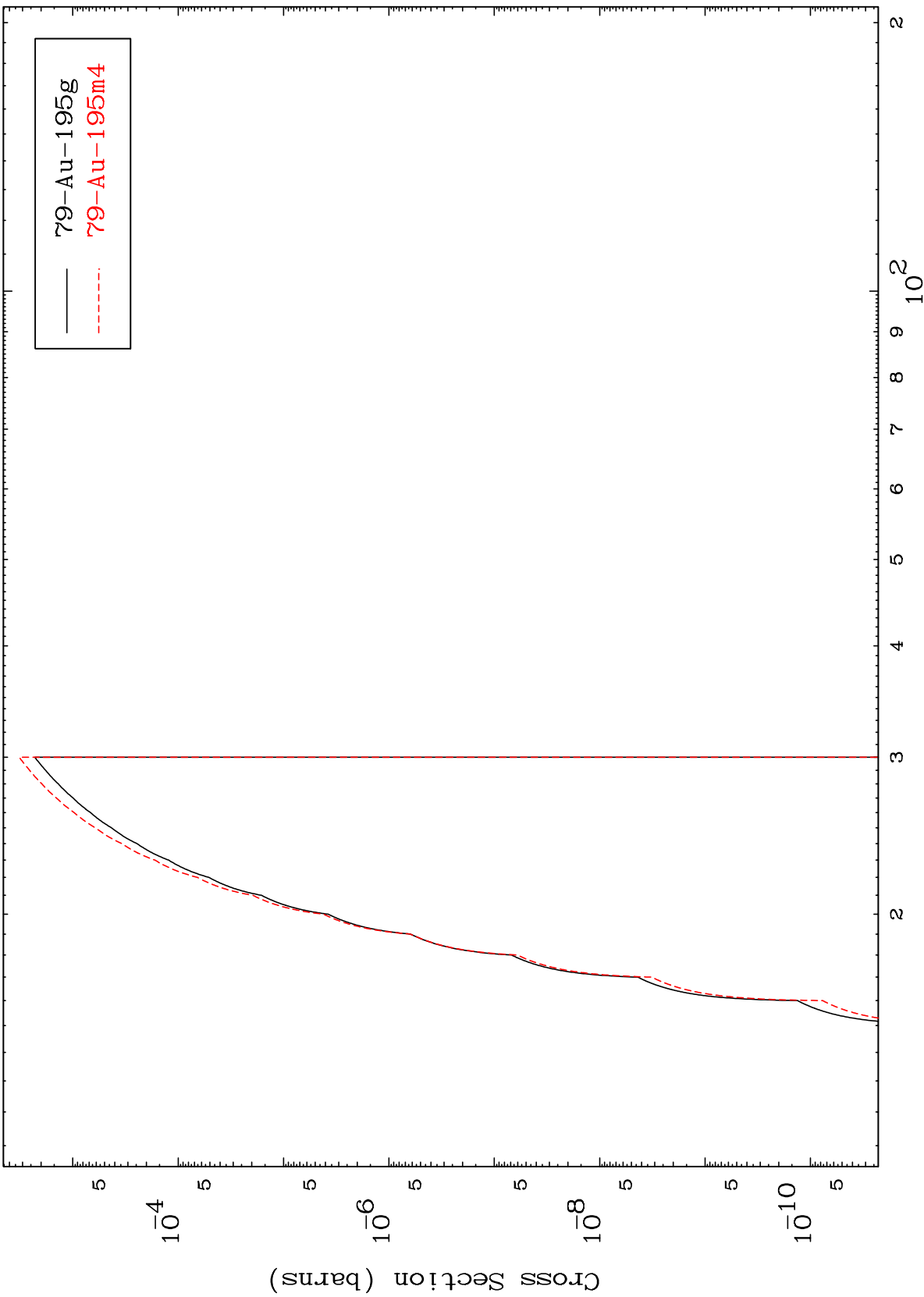
(n,n') 2 α

80-Hg-197

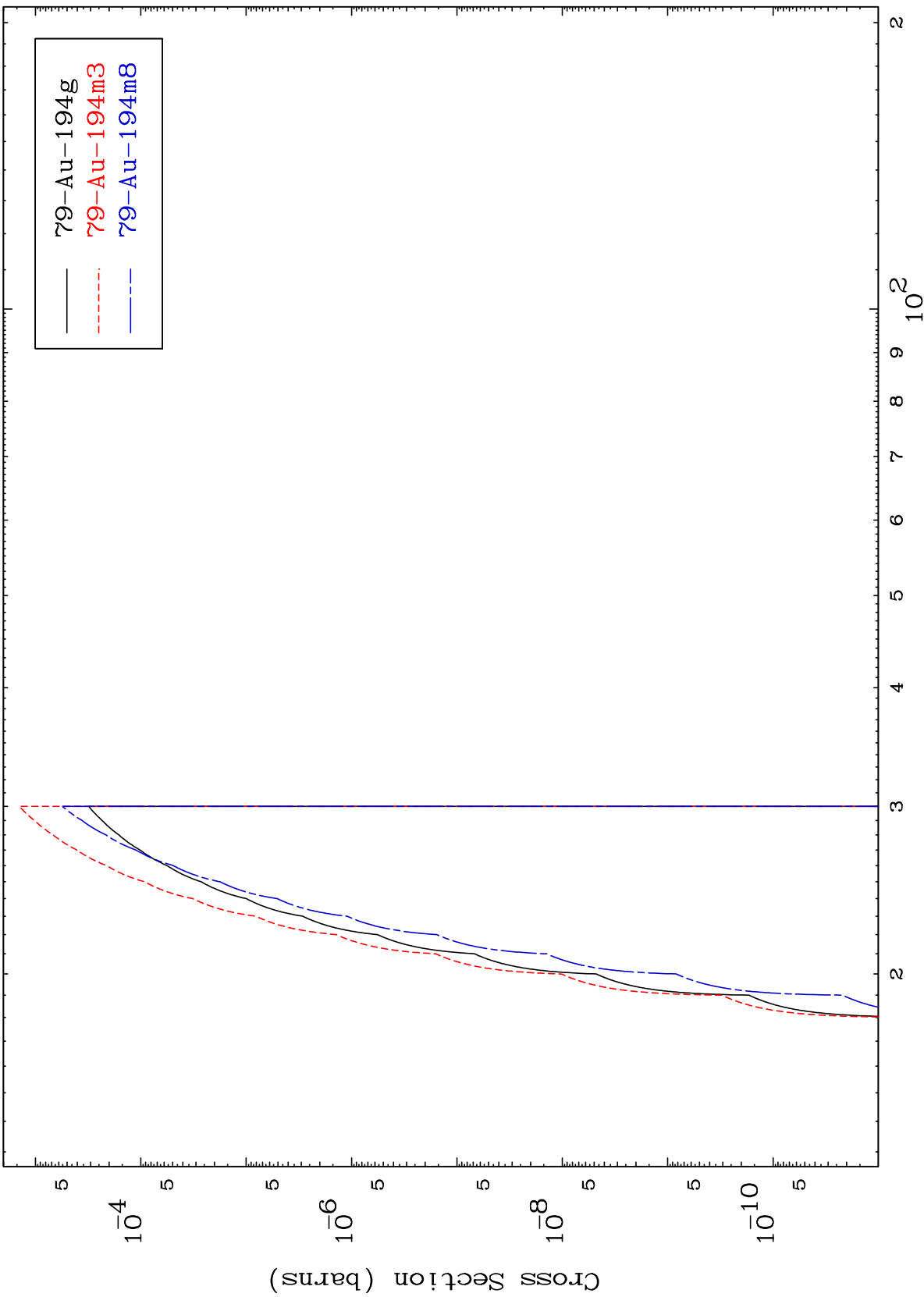
Radionuclide Production Cross Section



Radionuclide Production Cross Section



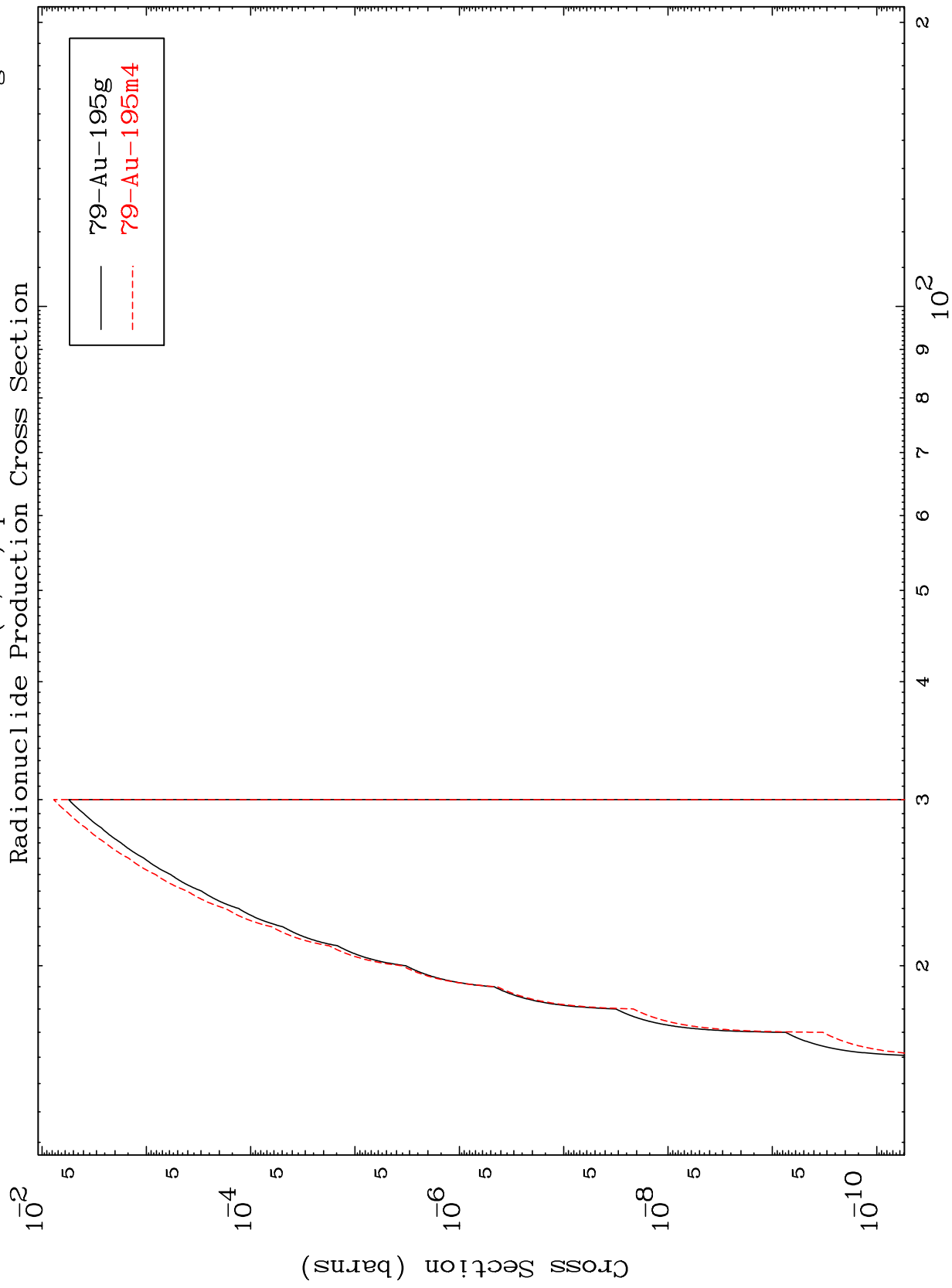
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section

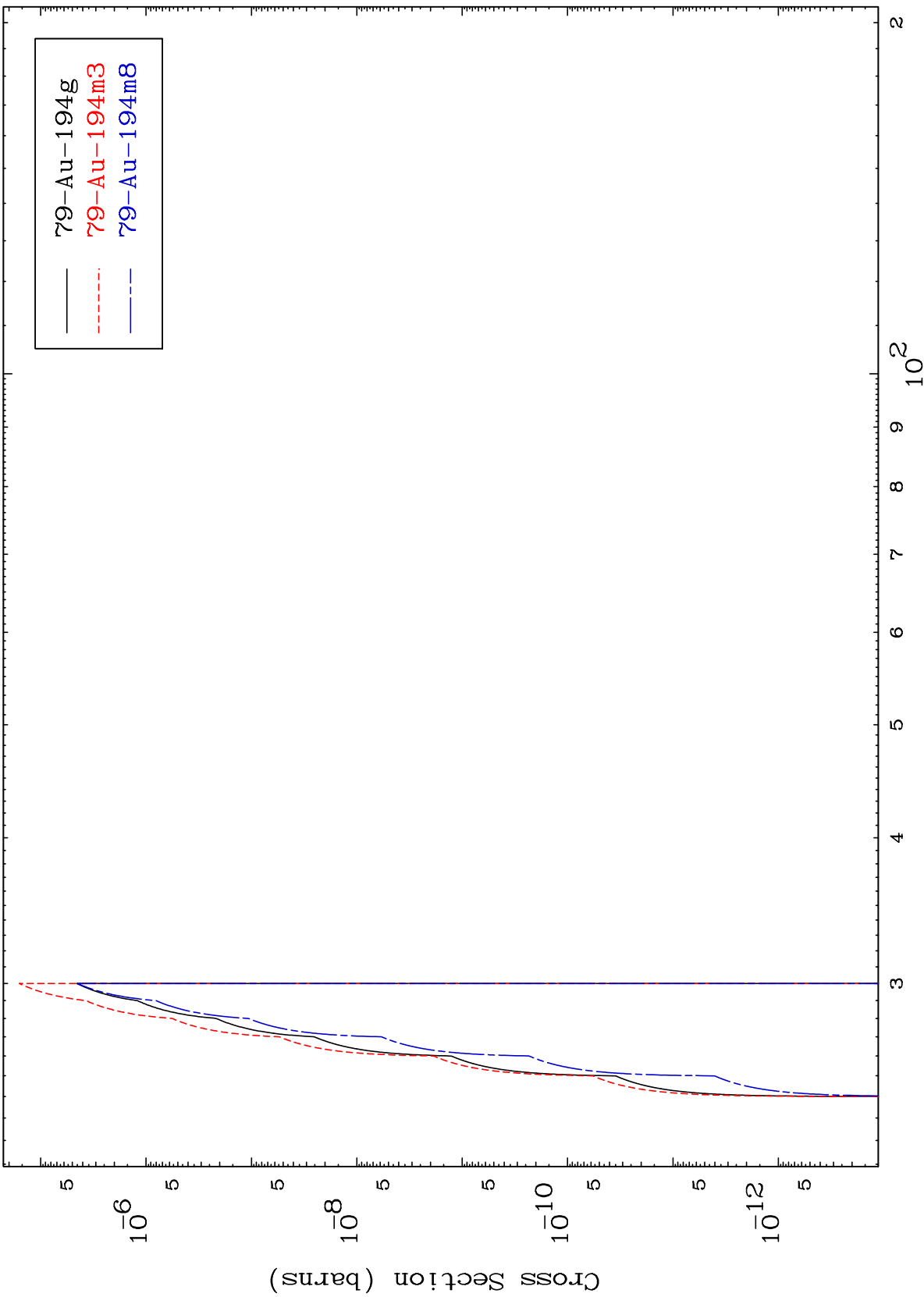


28

Incident Energy (MeV)

80-Hg-197

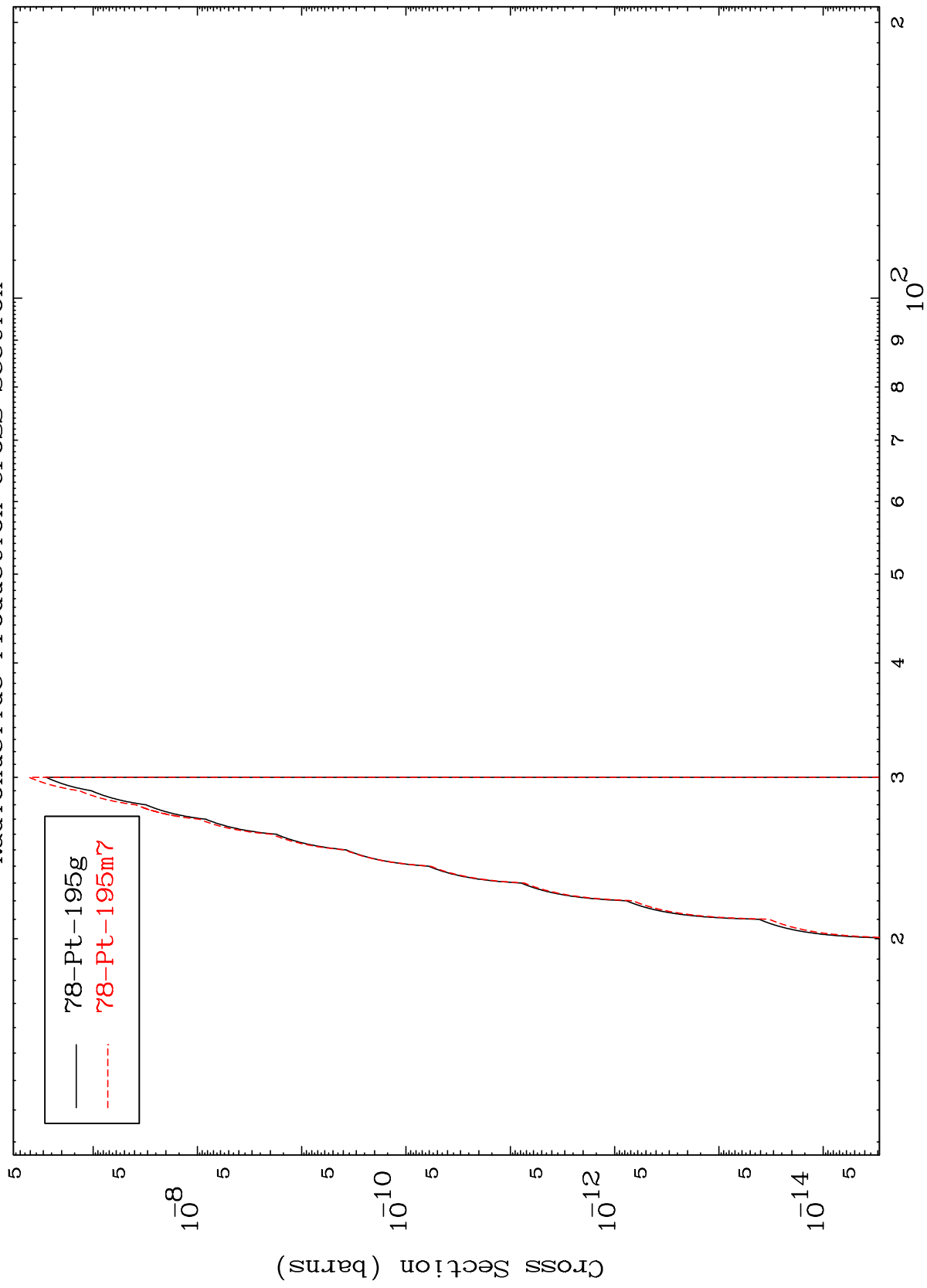
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

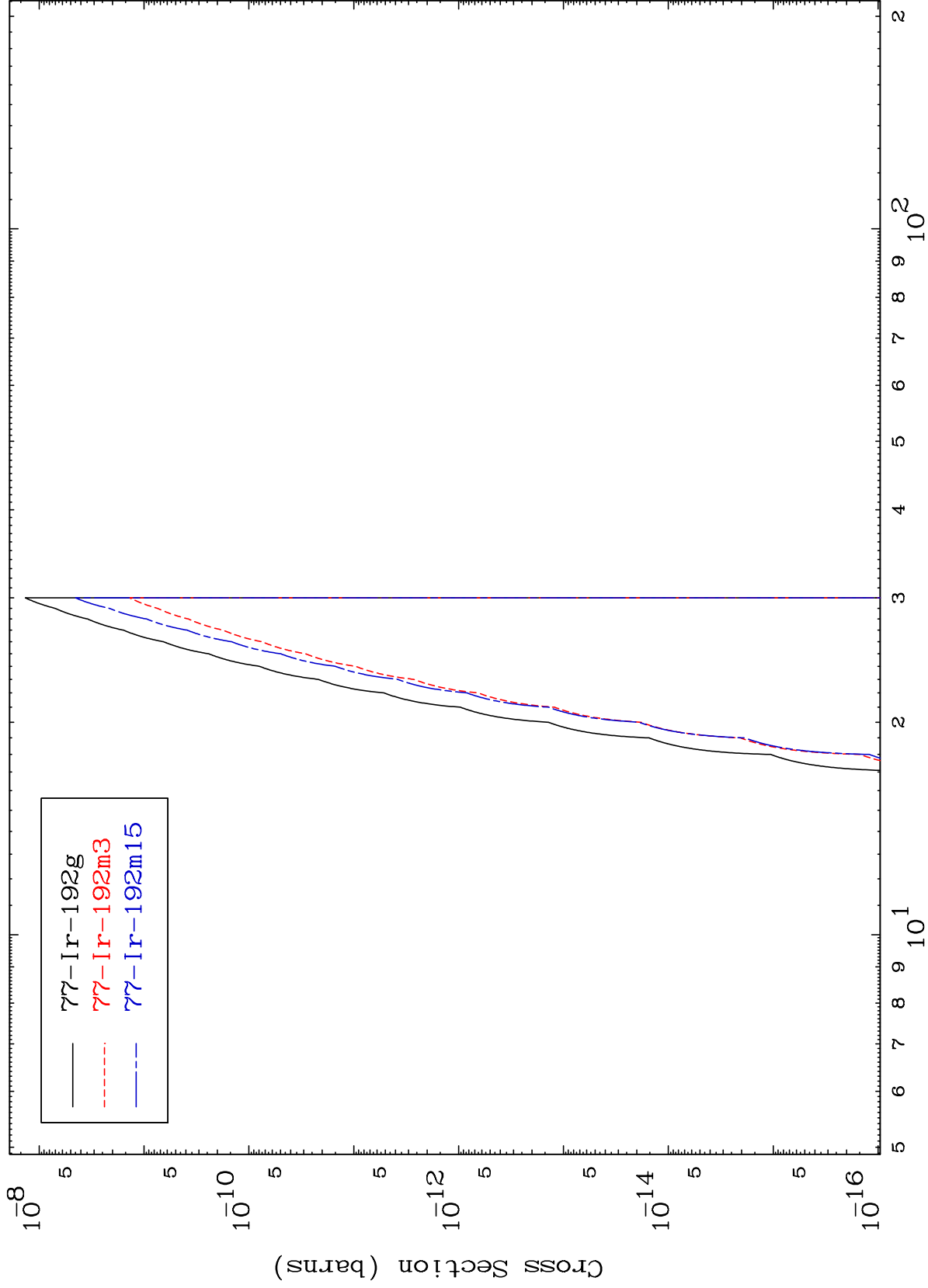
30

MAT 8029

(n,n') p α

80-Hg-197

Radionuclide Production Cross Section



31

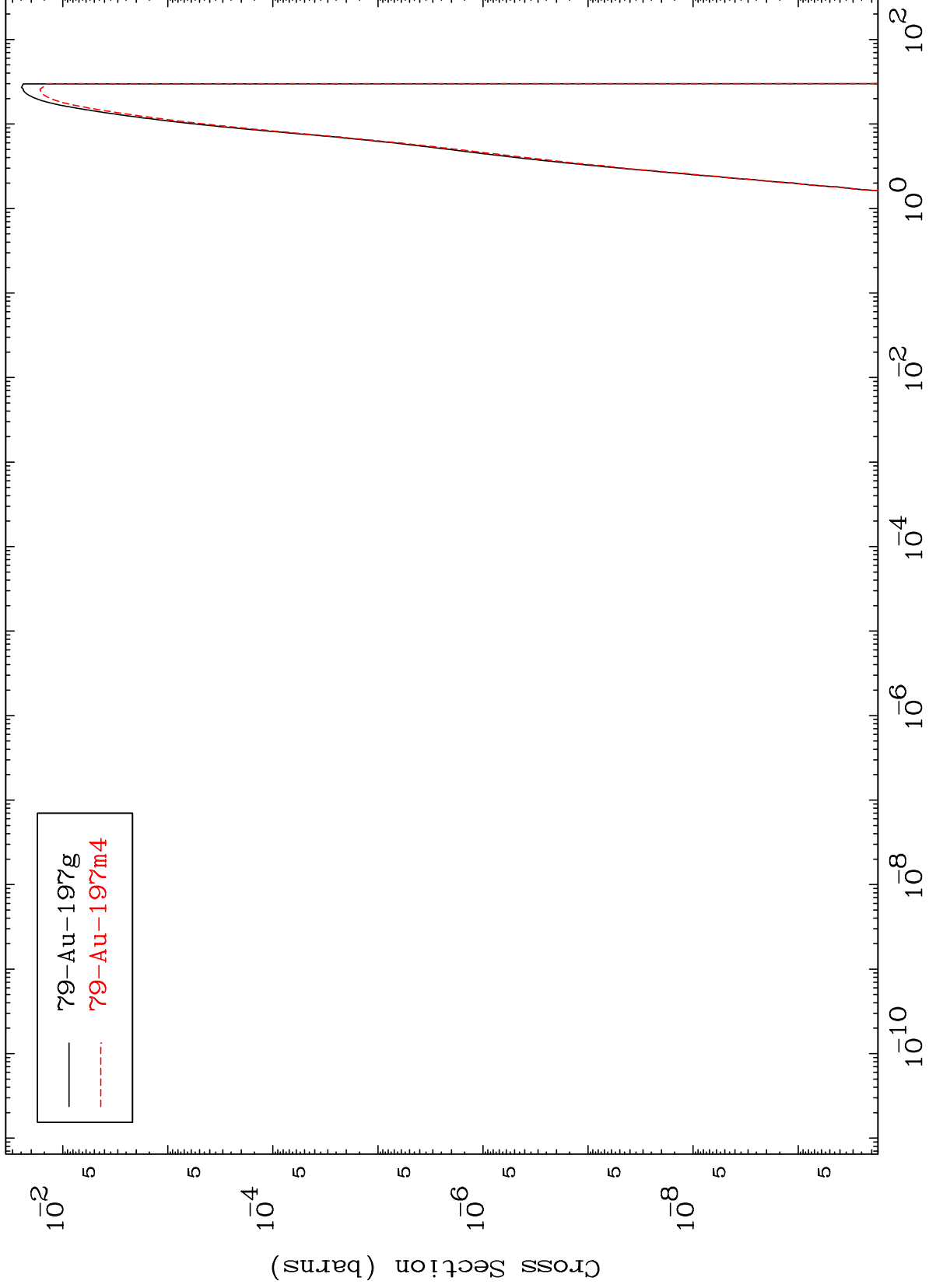
Incident Energy (MeV)

80-Hg-197

MAT 8029

(n,p)
Radionuclide Production Cross Section

80-Hg-197



32

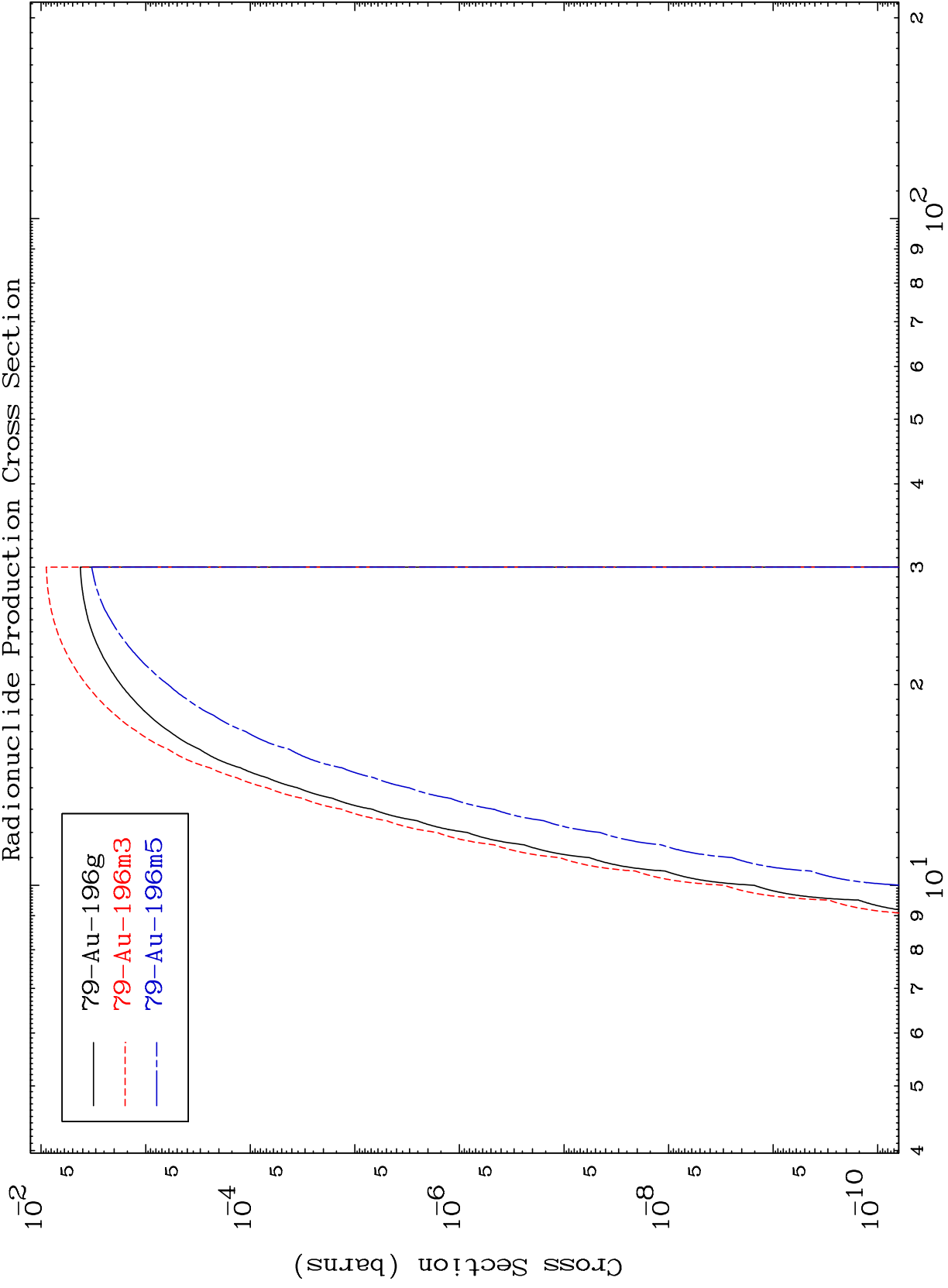
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(n, d)
Radionuclide Production Cross Section



Incident Energy (MeV)

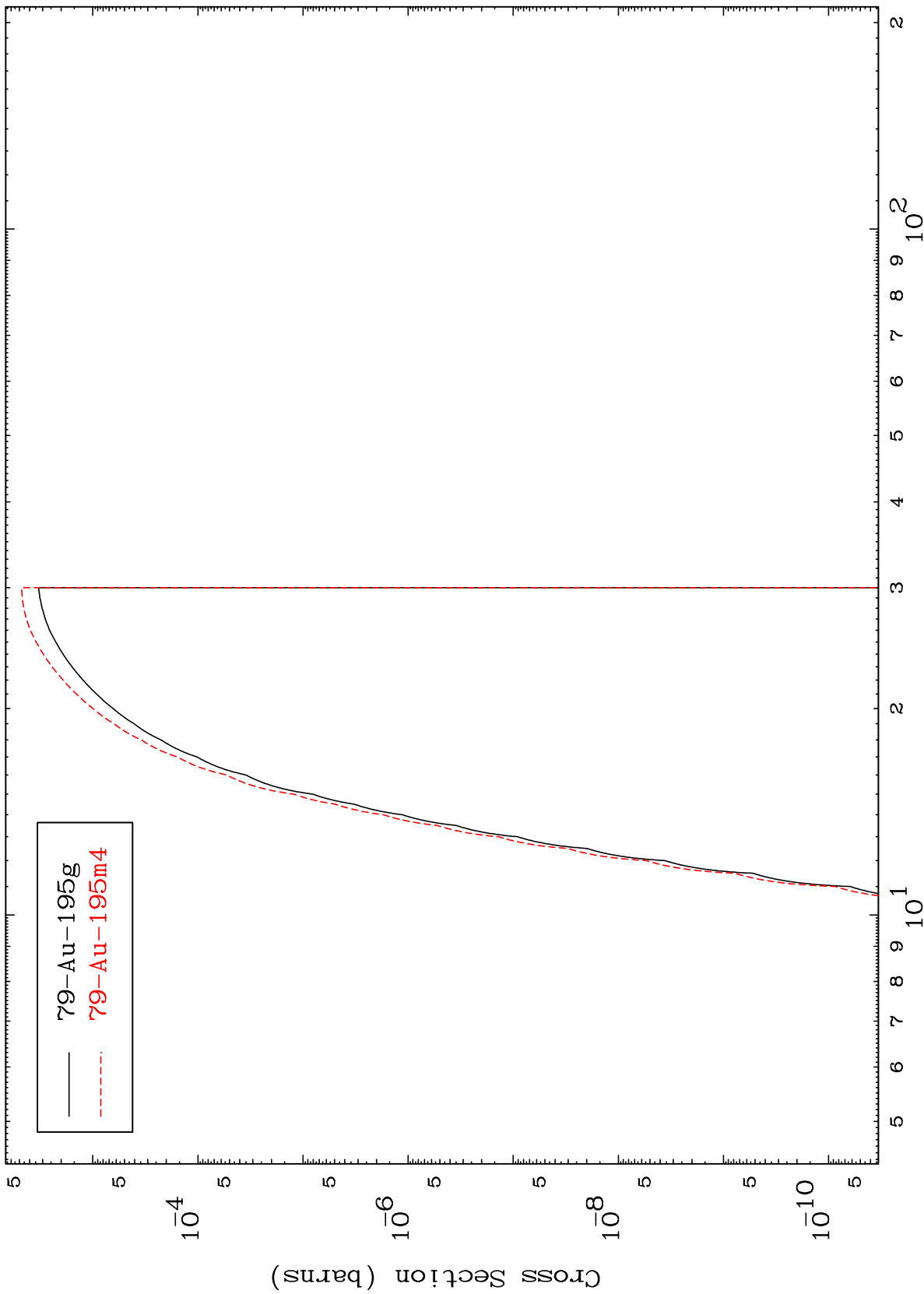
80-Hg-197

33

MAT 8029

80-Hg-197

(n, t)
Radionuclide Production Cross Section



— 79-Au-195g
- - - 79-Au-195m4

80-Hg-197

Incident Energy (MeV)

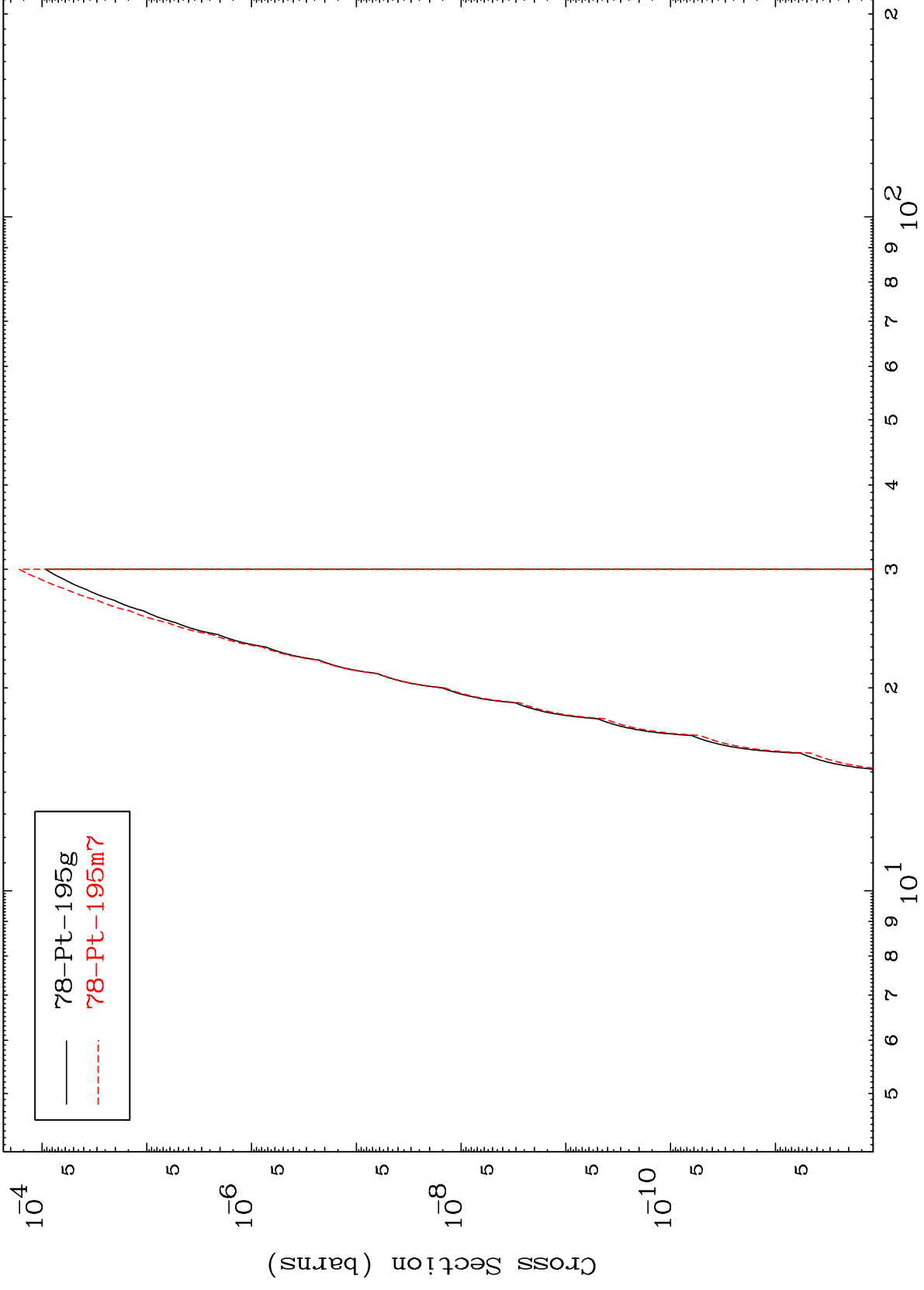
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MAT 8029

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



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

35

Incident Energy (MeV)

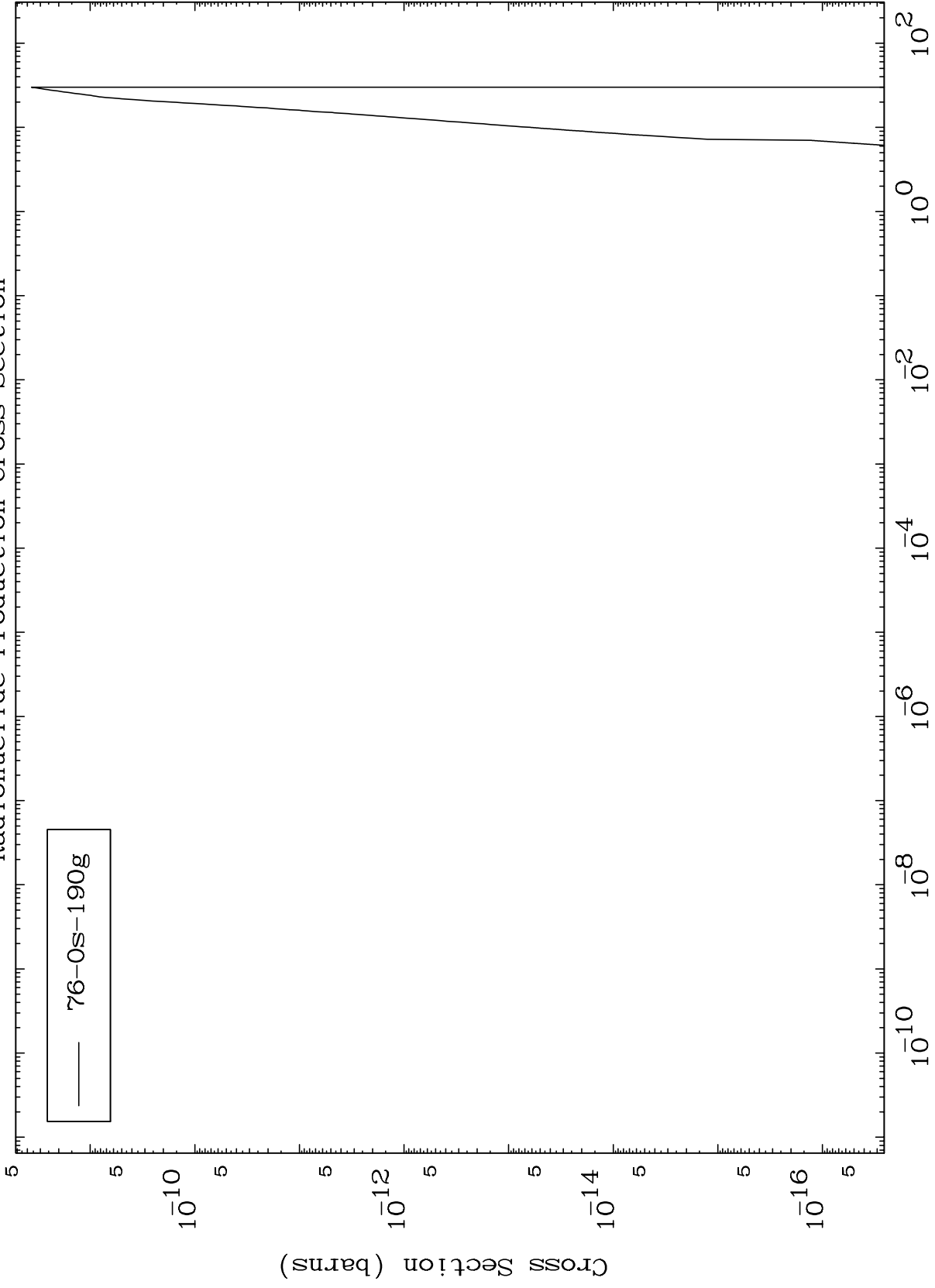
80-Hg-197

MAT 8029

(n,2α)

80-Hg-197

Radionuclide Production Cross Section



36

Incident Energy (MeV)

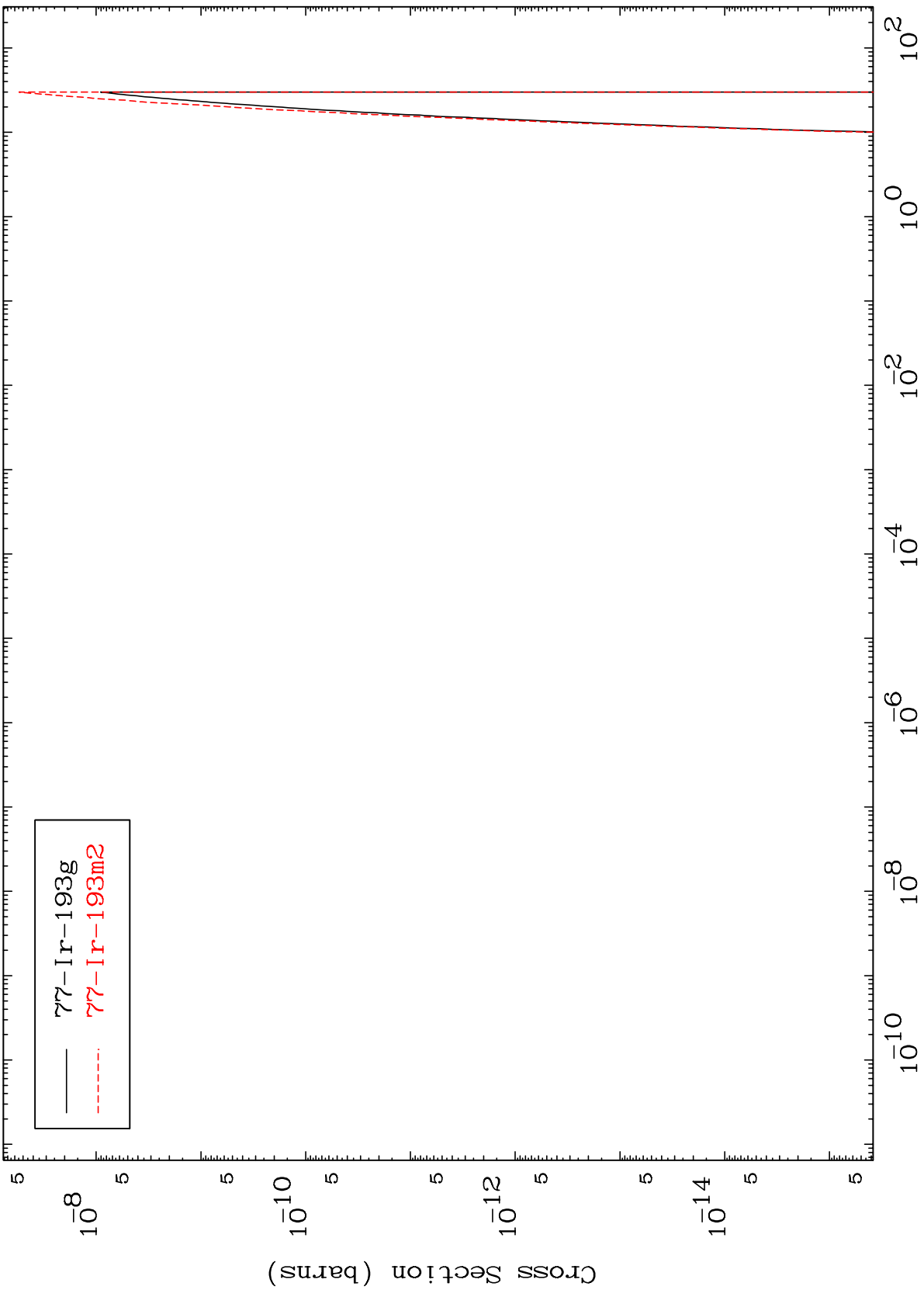
80-Hg-197

MAT 8029

(n,p) α

80-Hg-197

Radionuclide Production Cross Section

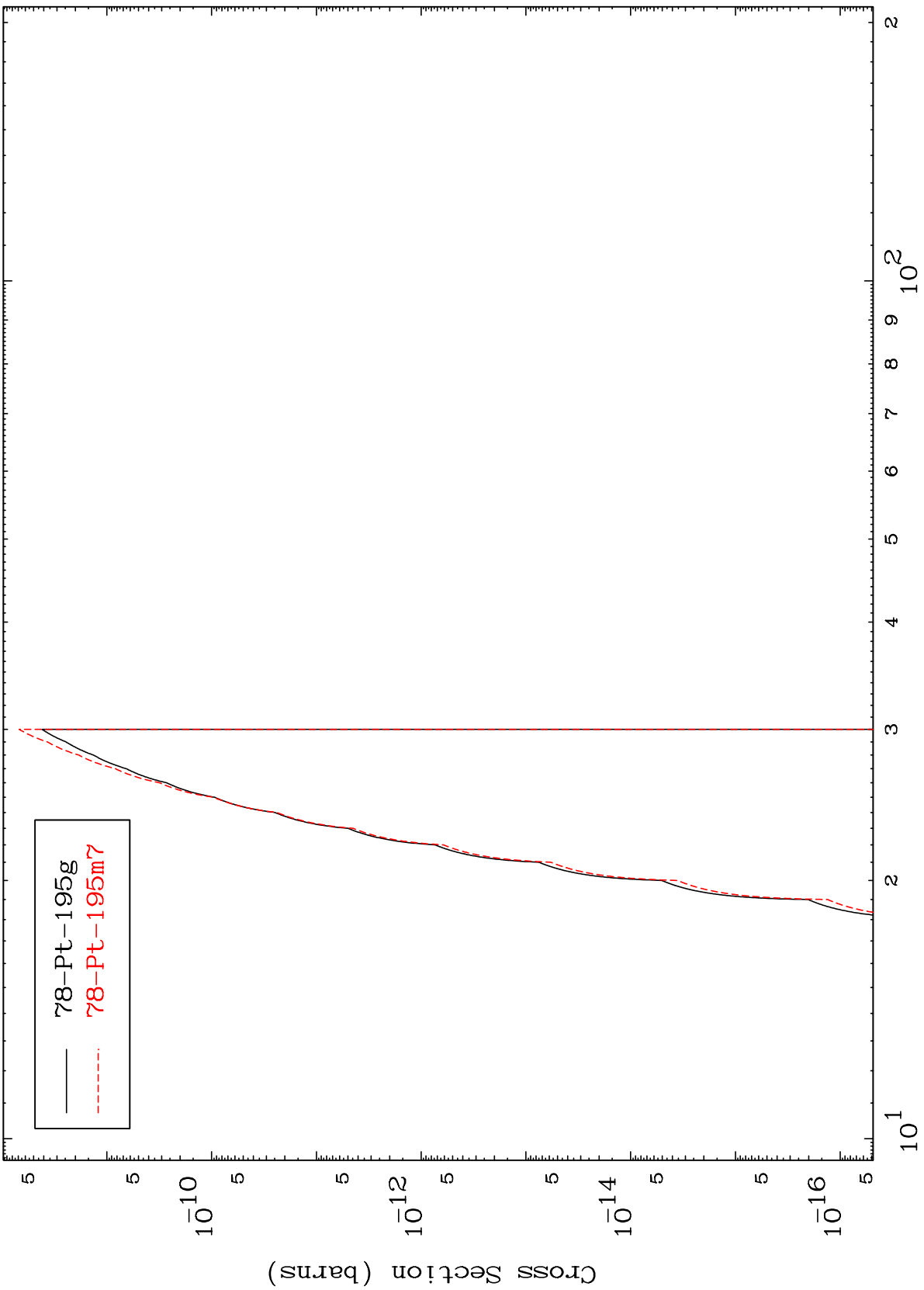


MAT 8029

(n,p) d

80-Hg-197

Radionuclide Production Cross Section



38

Incident Energy (MeV)

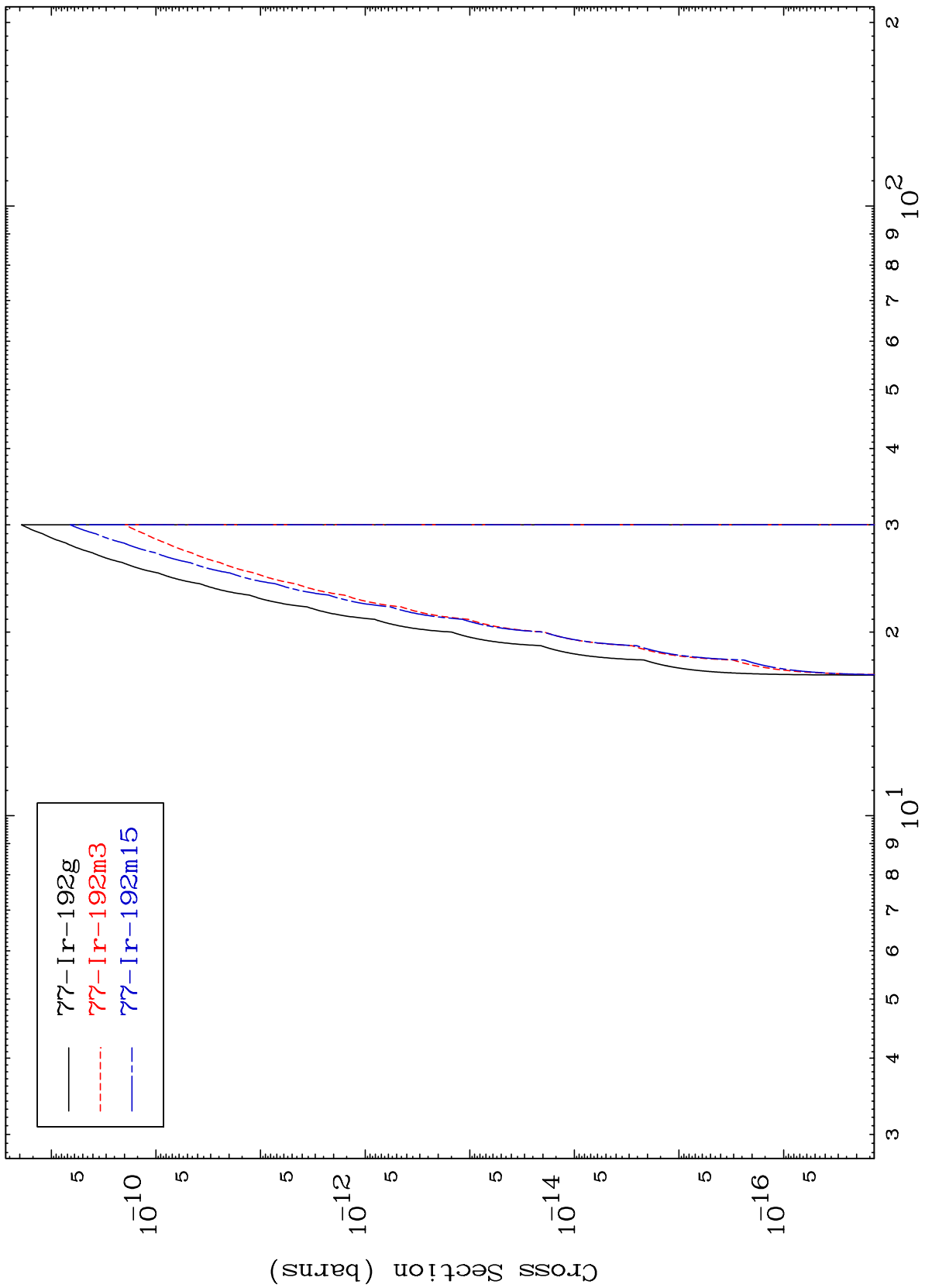
80-Hg-197

MAT 8029

(n,d) α

80-Hg-197

Radionuclide Production Cross Section



39

Incident Energy (MeV)

80-Hg-197