

Program EVALPLOT
(Version 2018-1)

by

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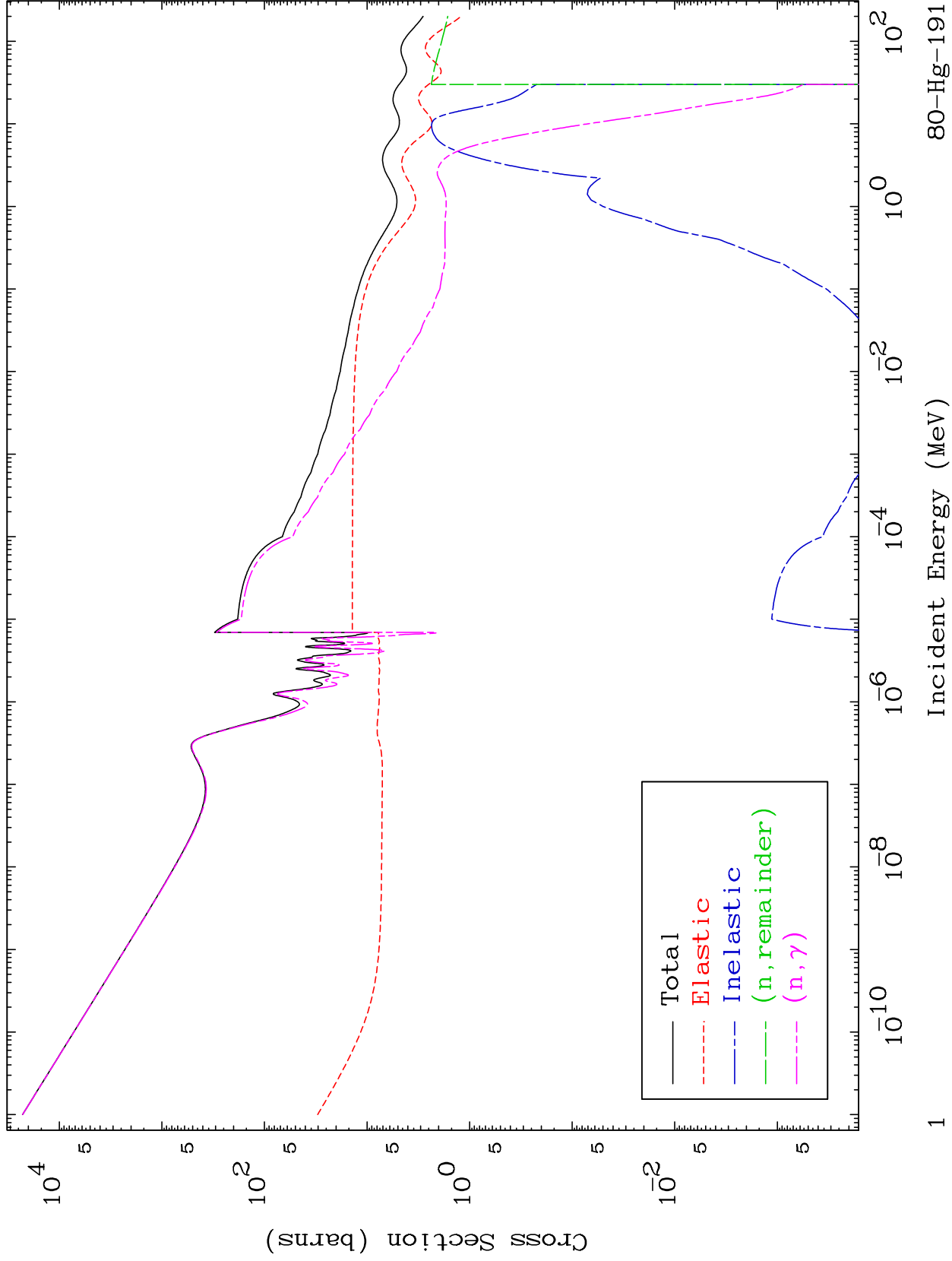
Press Mouse Button to Start

MAT 8011

Major

293 Kelvin Cross Sections

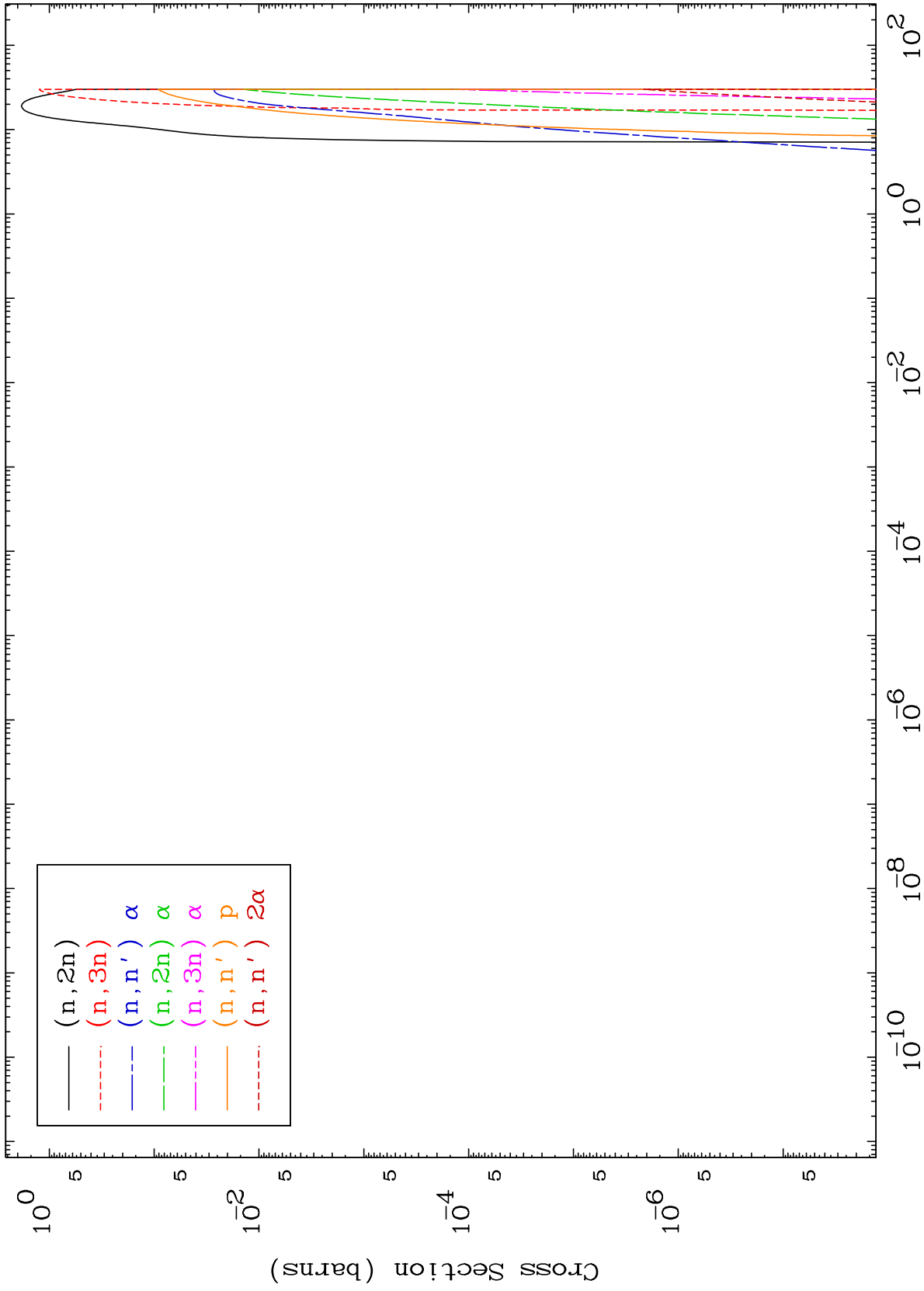
80-Hg-191



MAT 8011

Neutron Production
293 Kelvin Cross Sections

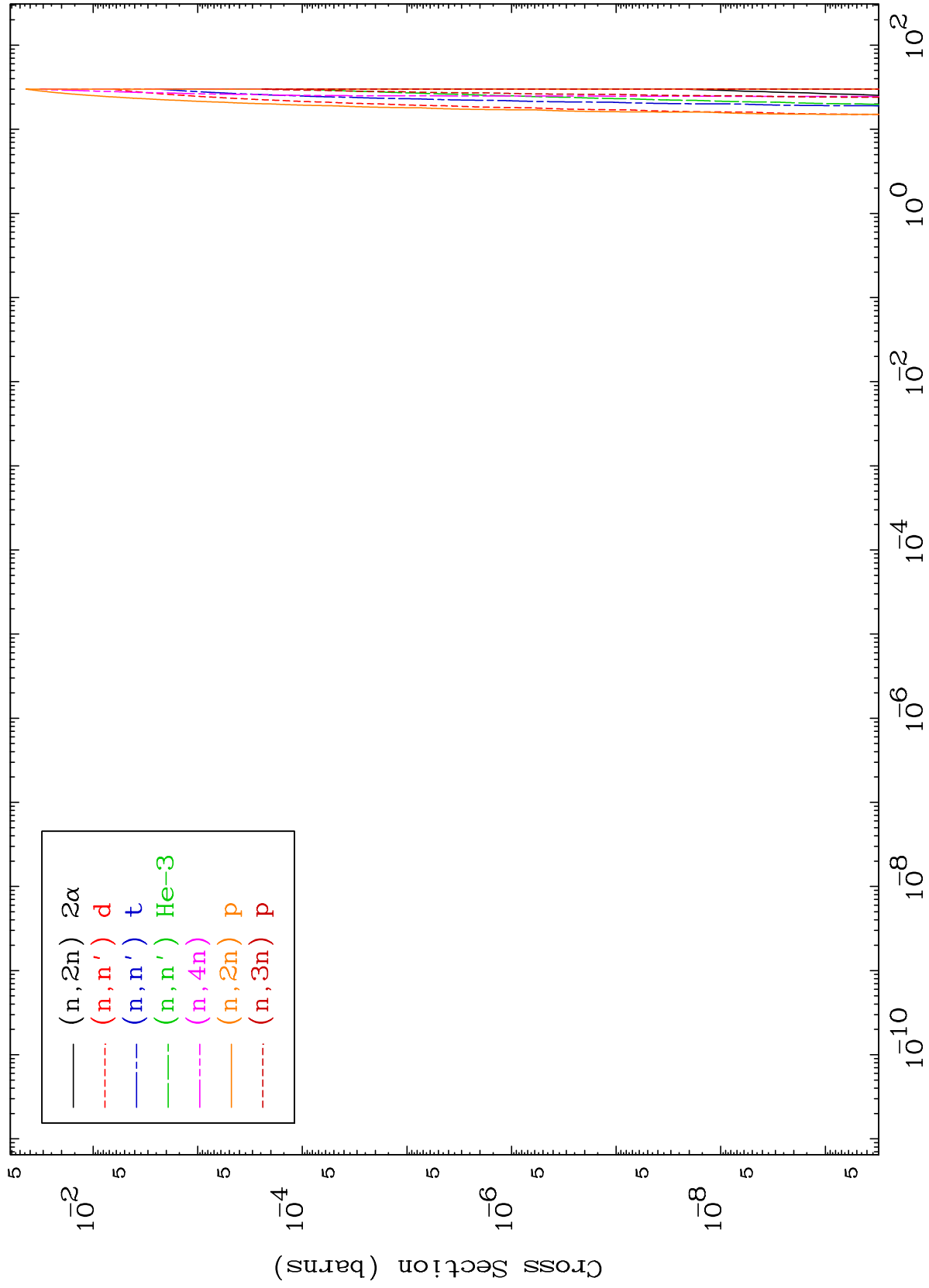
80-Hg-191



MAT 8011

Neutron Production
293 Kelvin Cross Sections

80-Hg-191



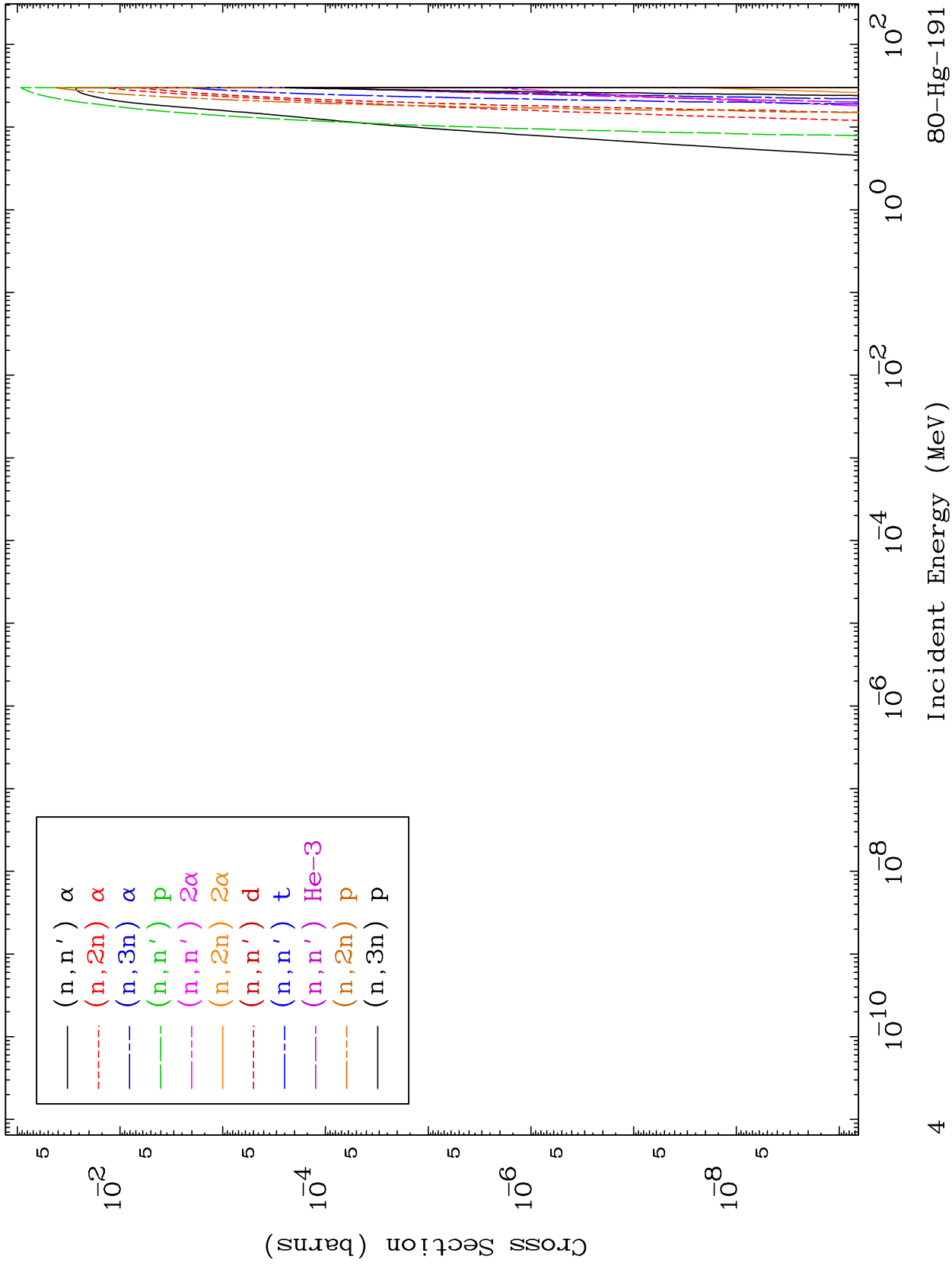
3

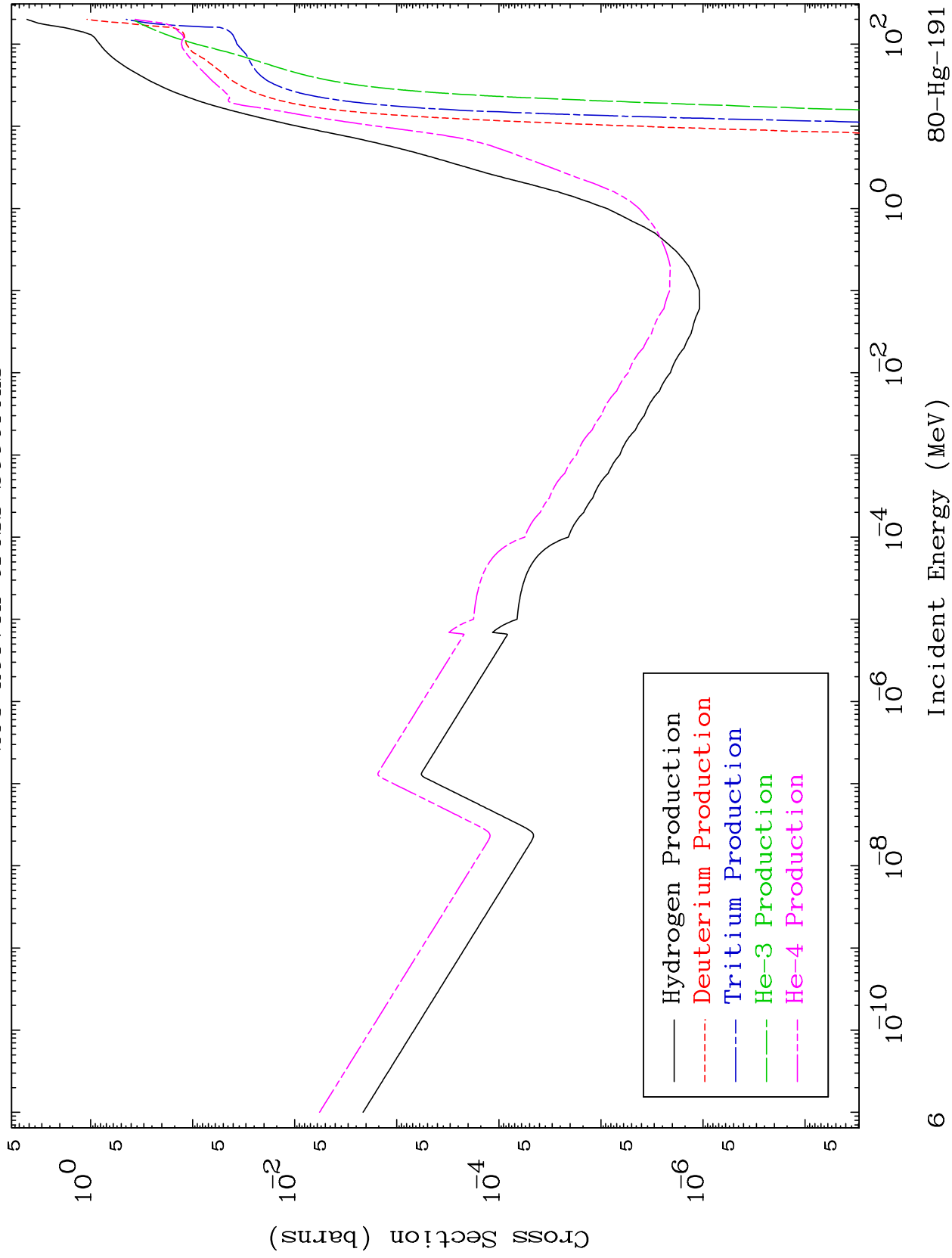
80-Hg-191

MAT 8011

293 Charged Particle
Kelvin Cross Sections

80-Hg-191

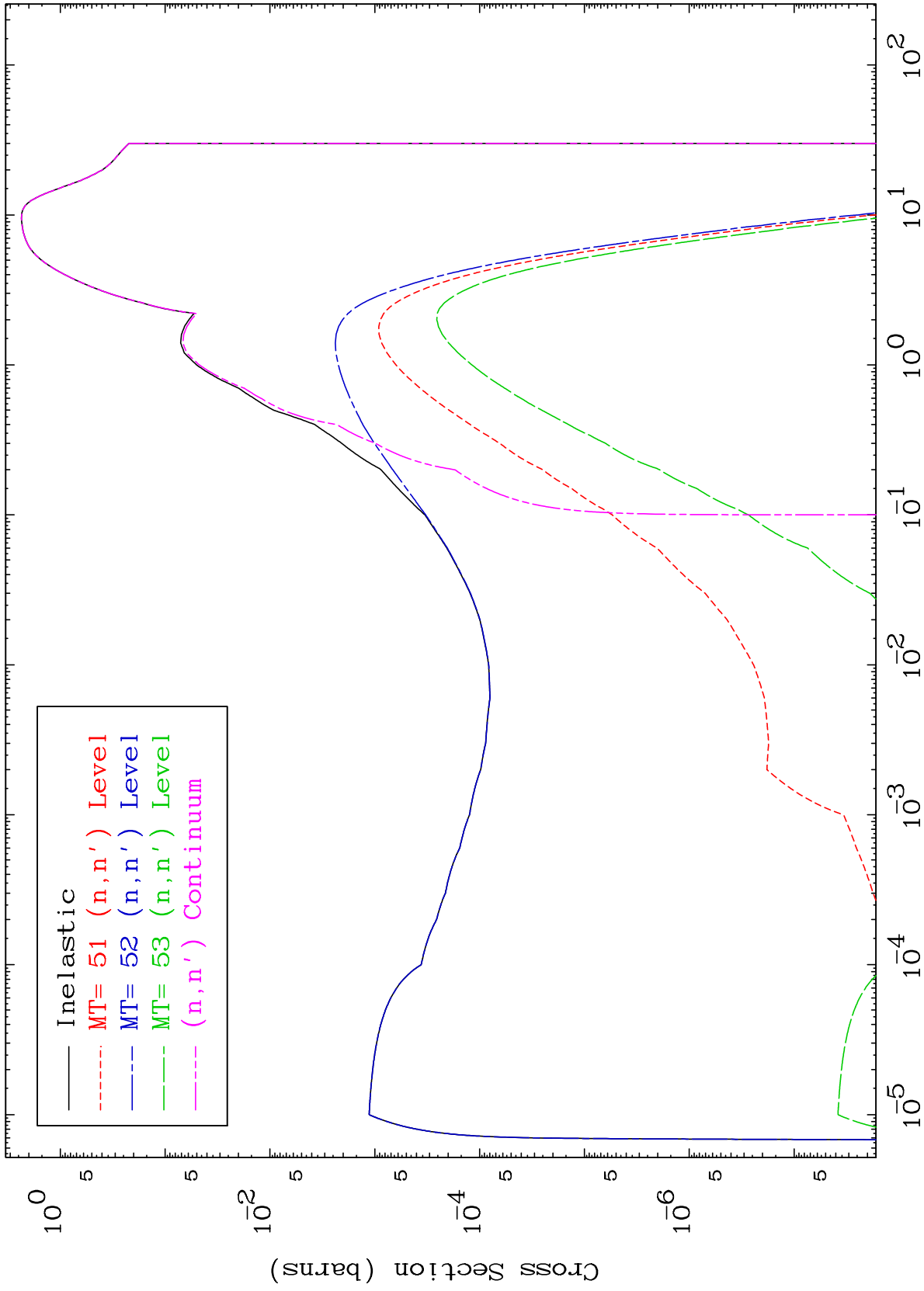




MAT 8011

293 Kelvin Cross Sections

80-Hg-191



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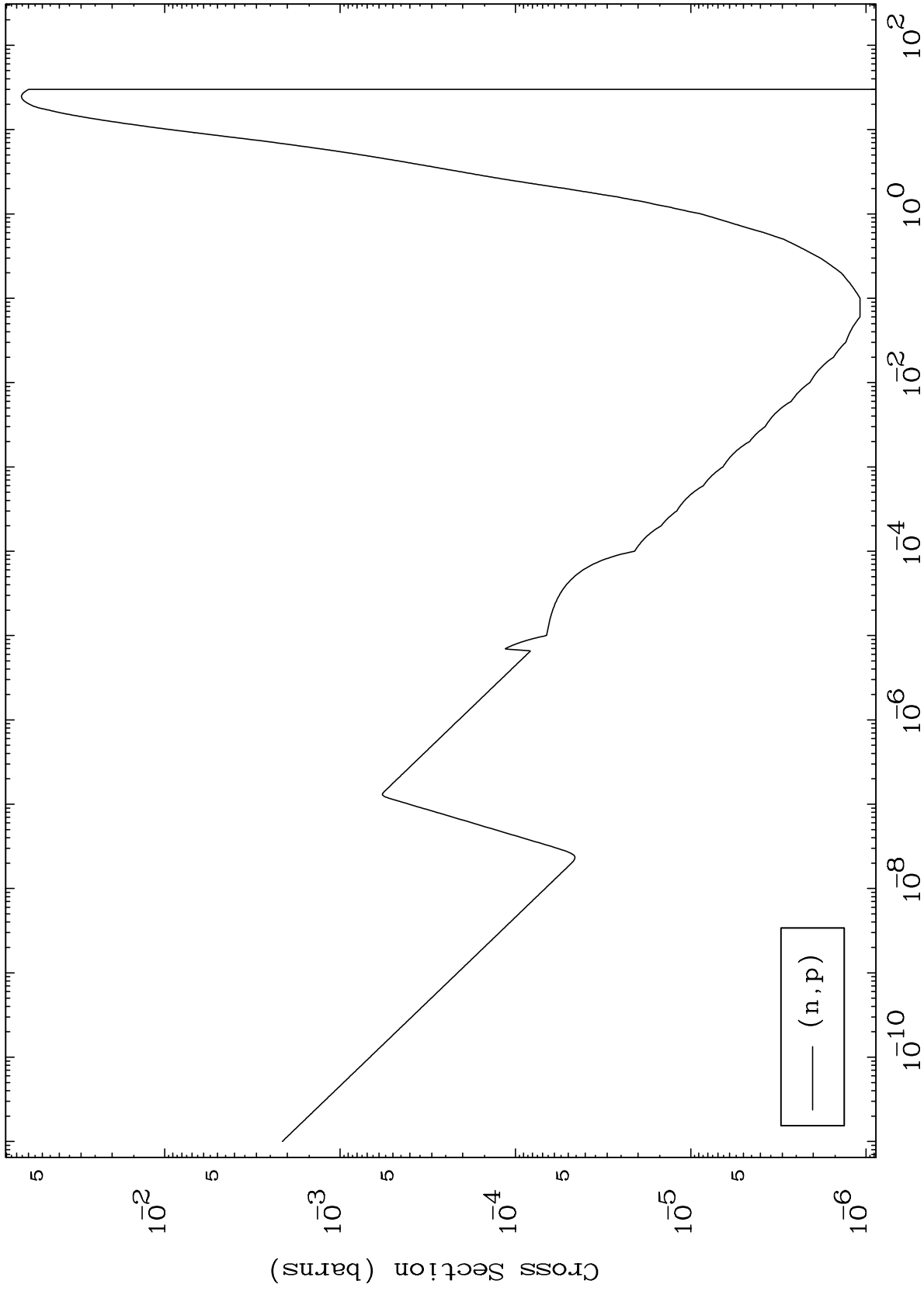
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,p) Levels
293 Kelvin Cross Sections

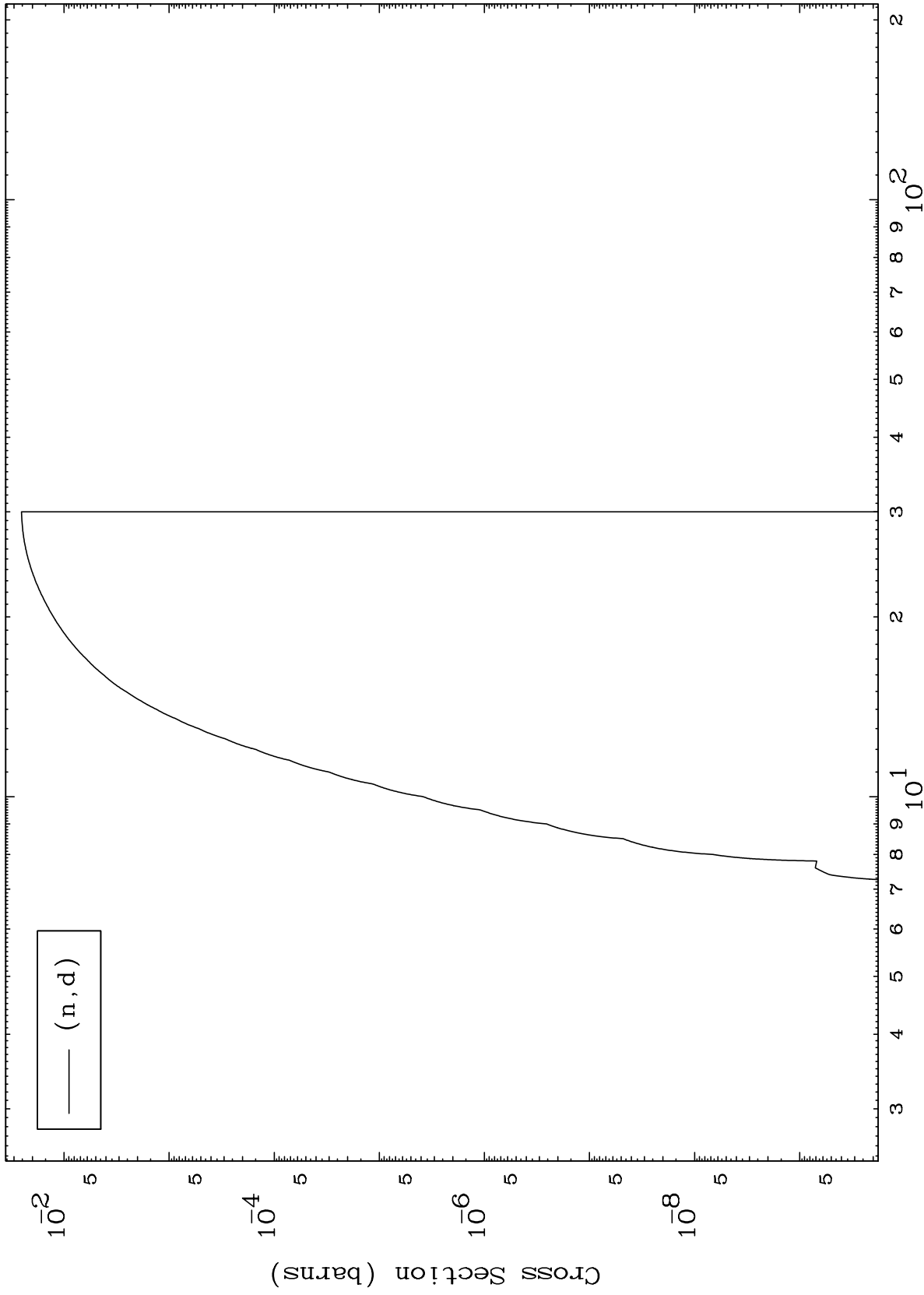
80-Hg-191



MAT 8011

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-191



9

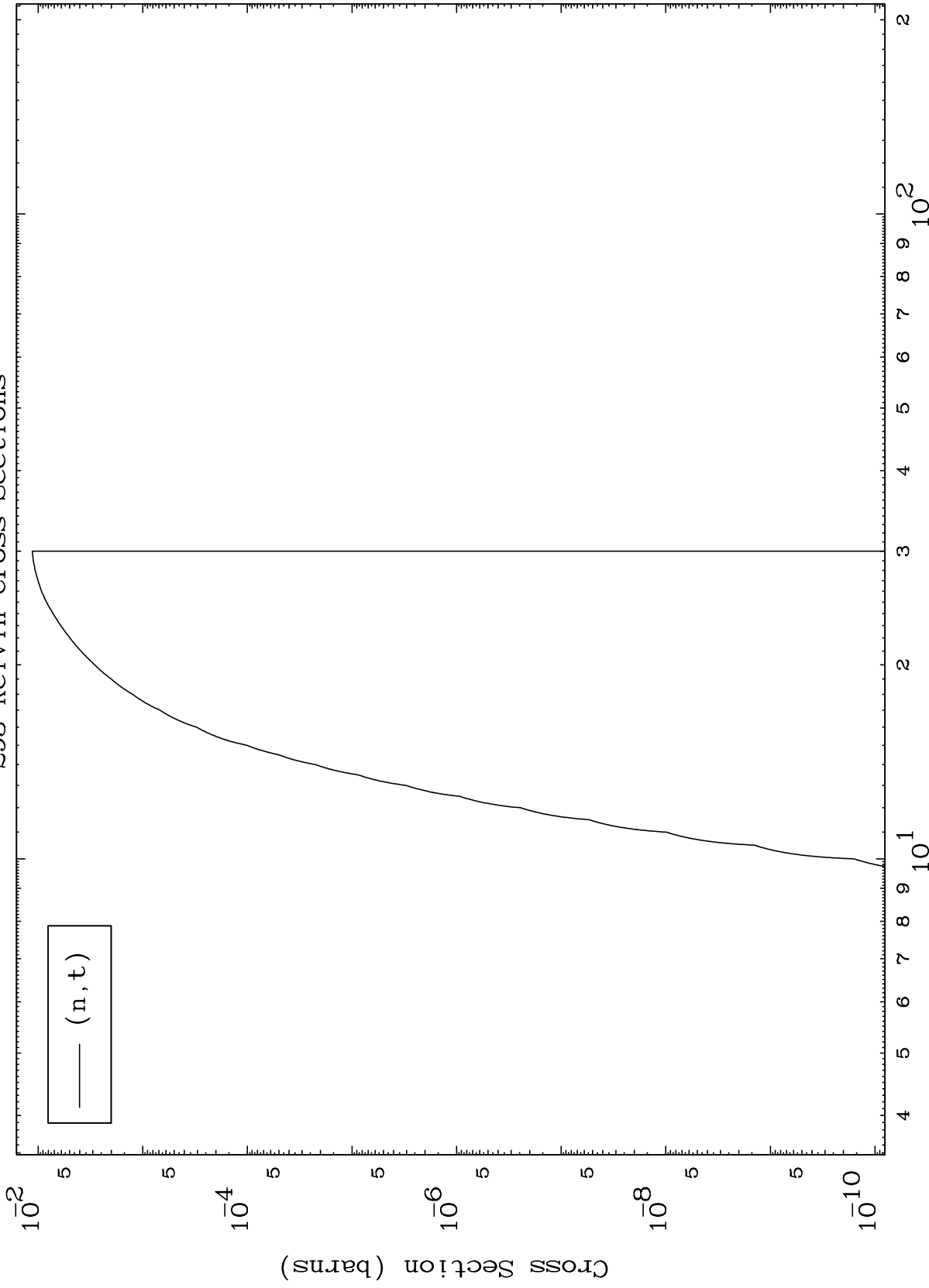
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

(n,t) Levels
293 Kelvin Cross Sections



10

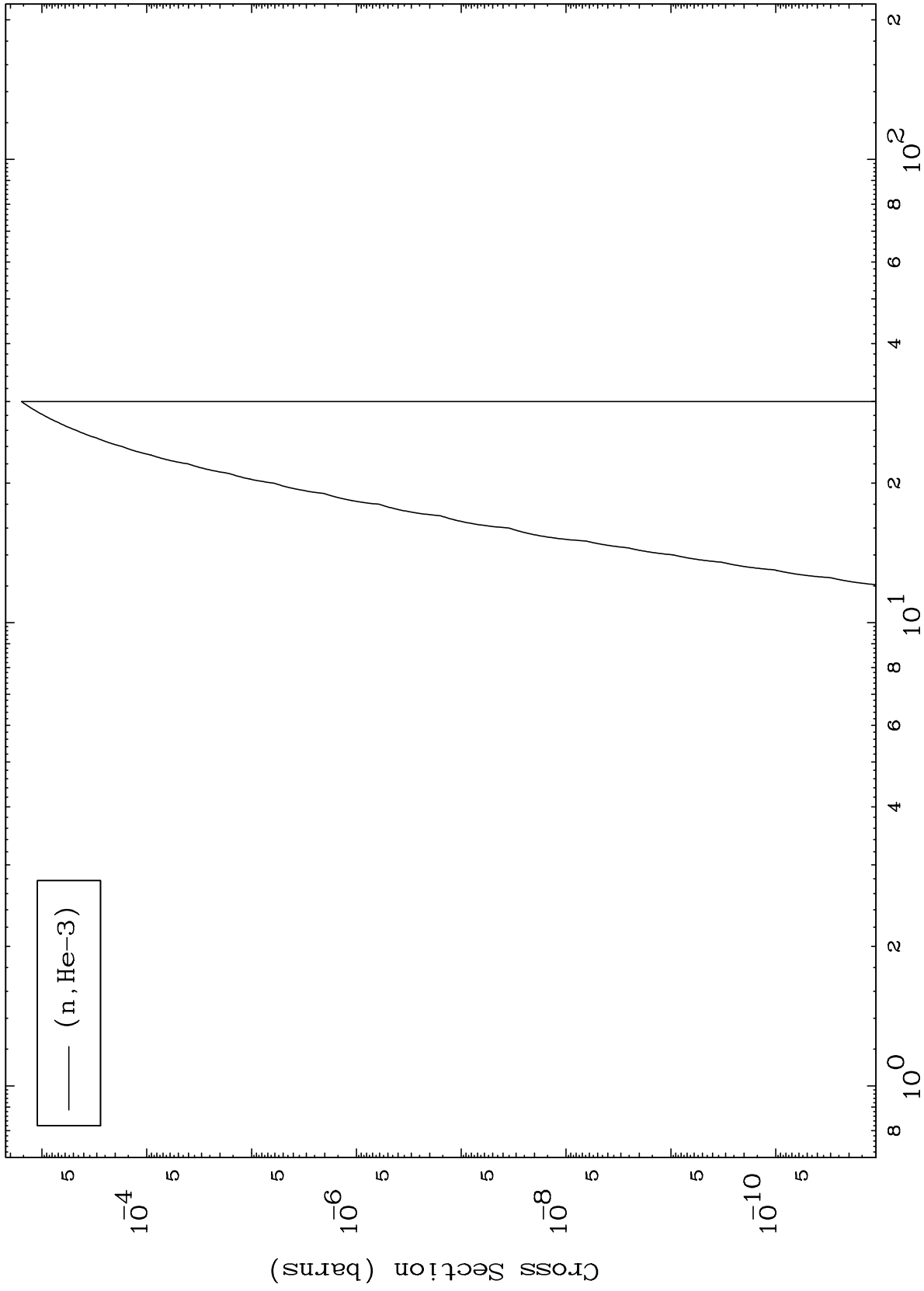
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-191



11

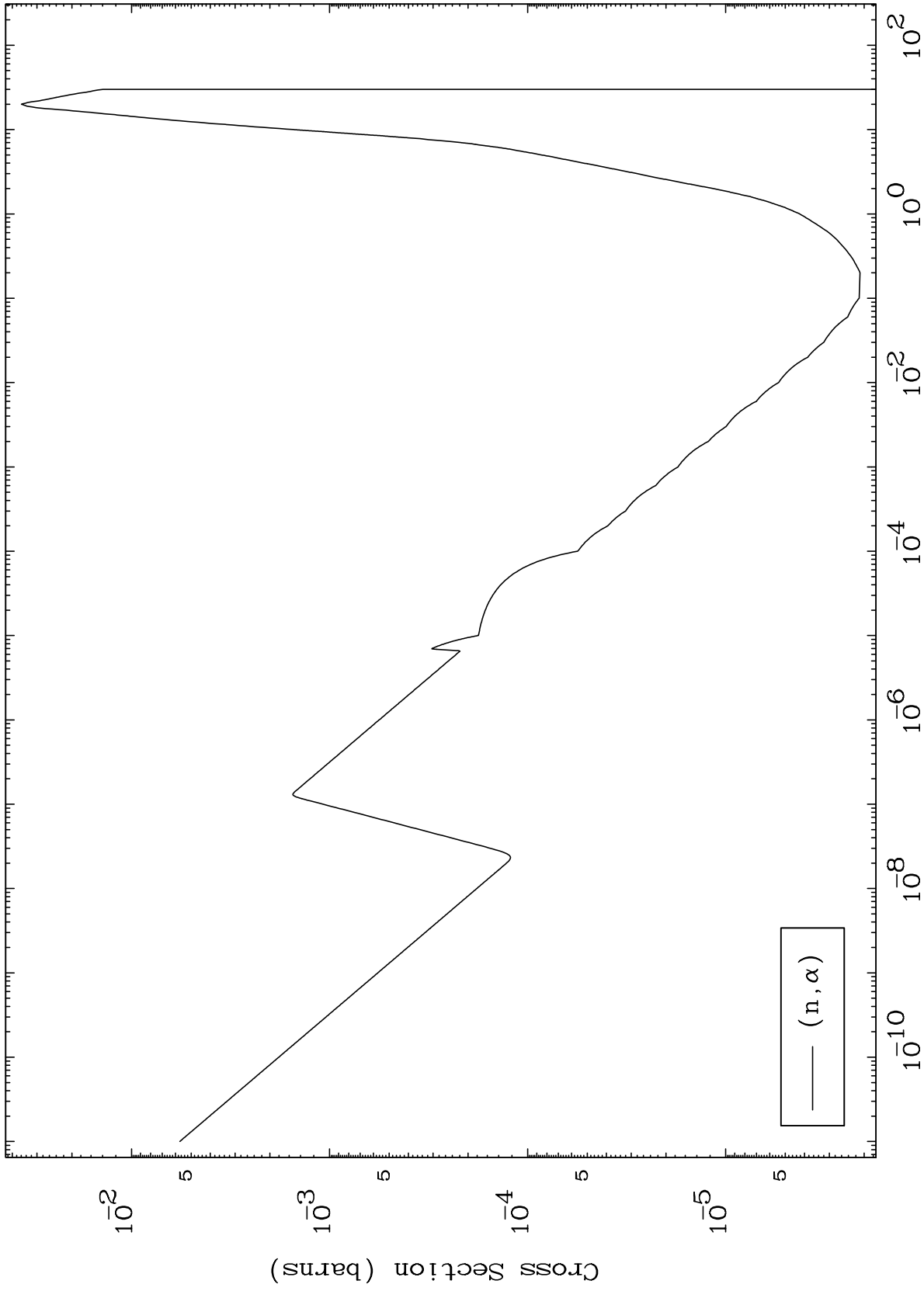
Incident Energy (MeV)

80-Hg-191

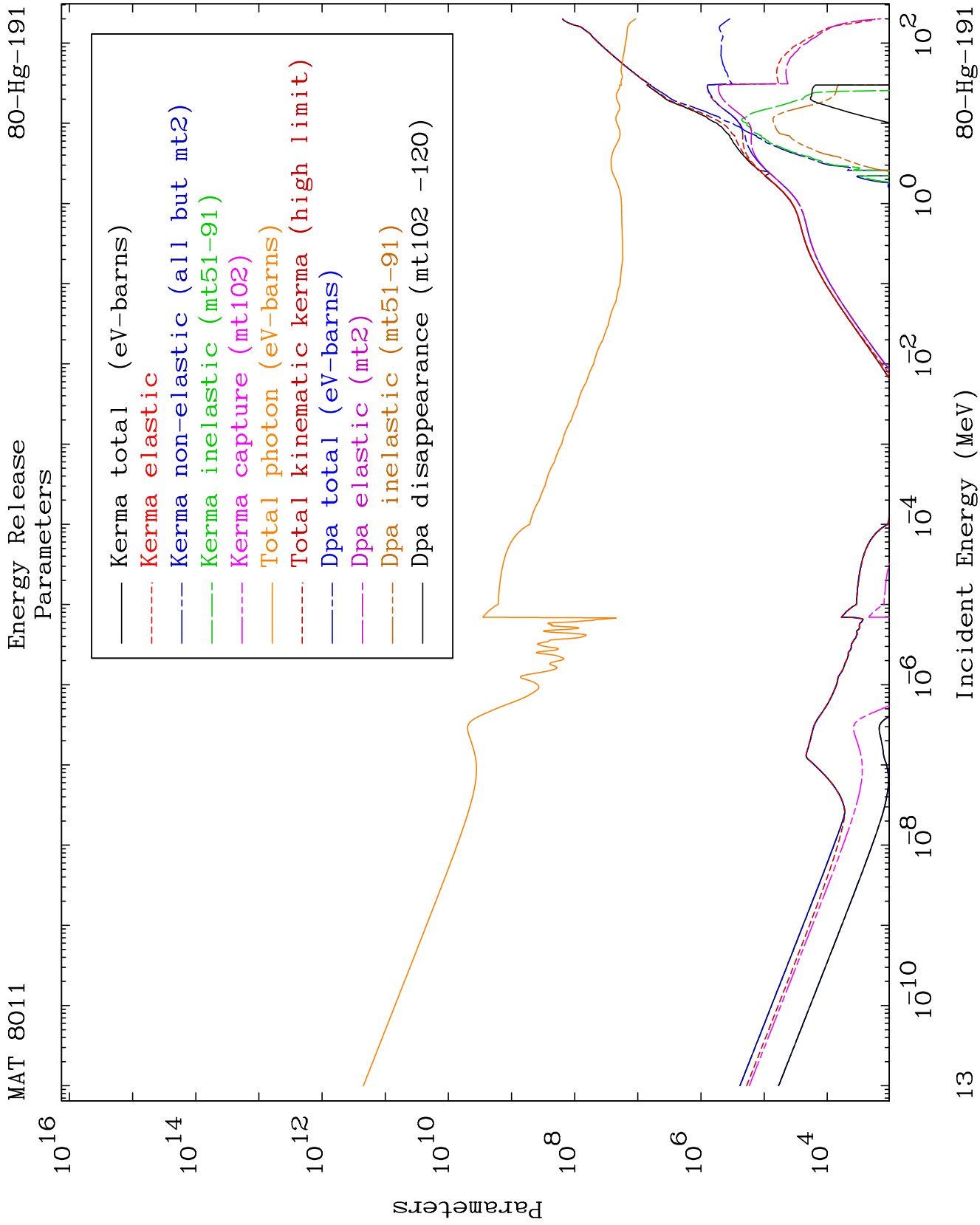
MAT 8011

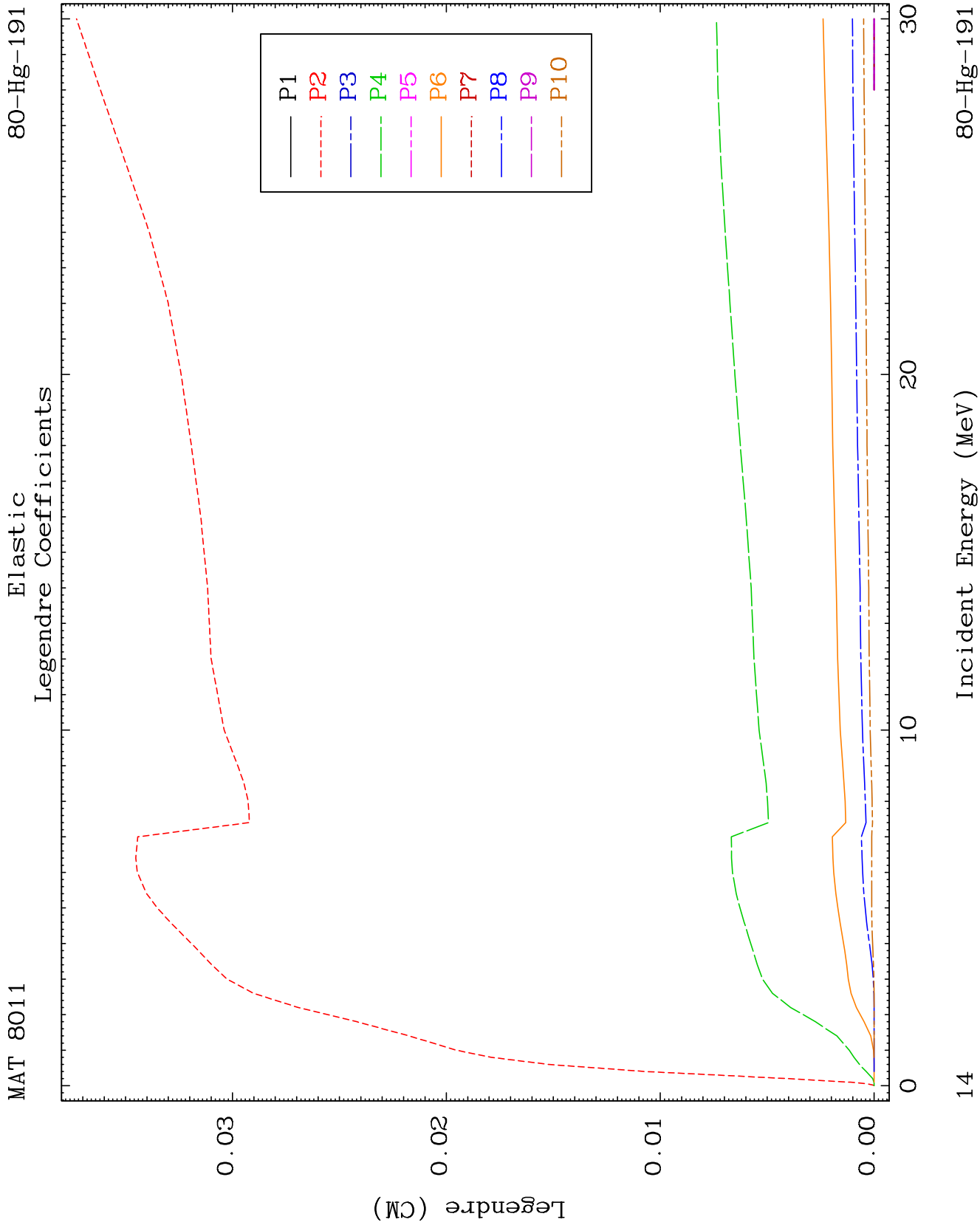
(n,α) Levels
293 Kelvin Cross Sections

80-Hg-191



— (n,α)

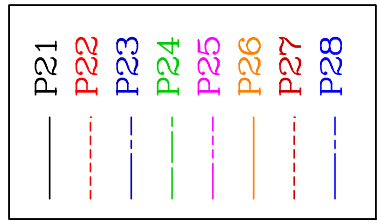




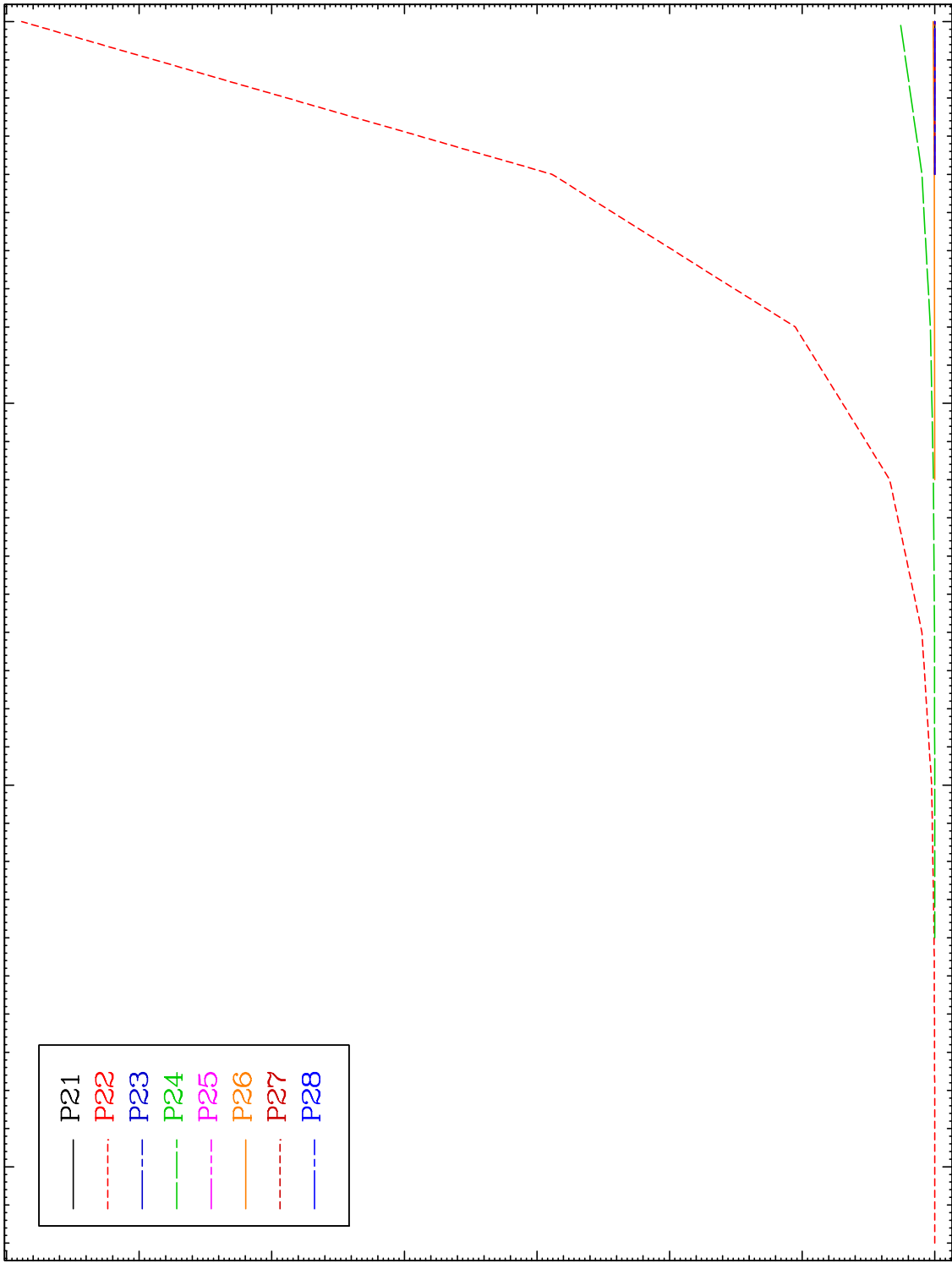
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Elastic Legendre Coefficients

80-Hg-191



$\times 10^{-6}$
Legendre (CM)
0.0
0.4
0.8
1.2



16

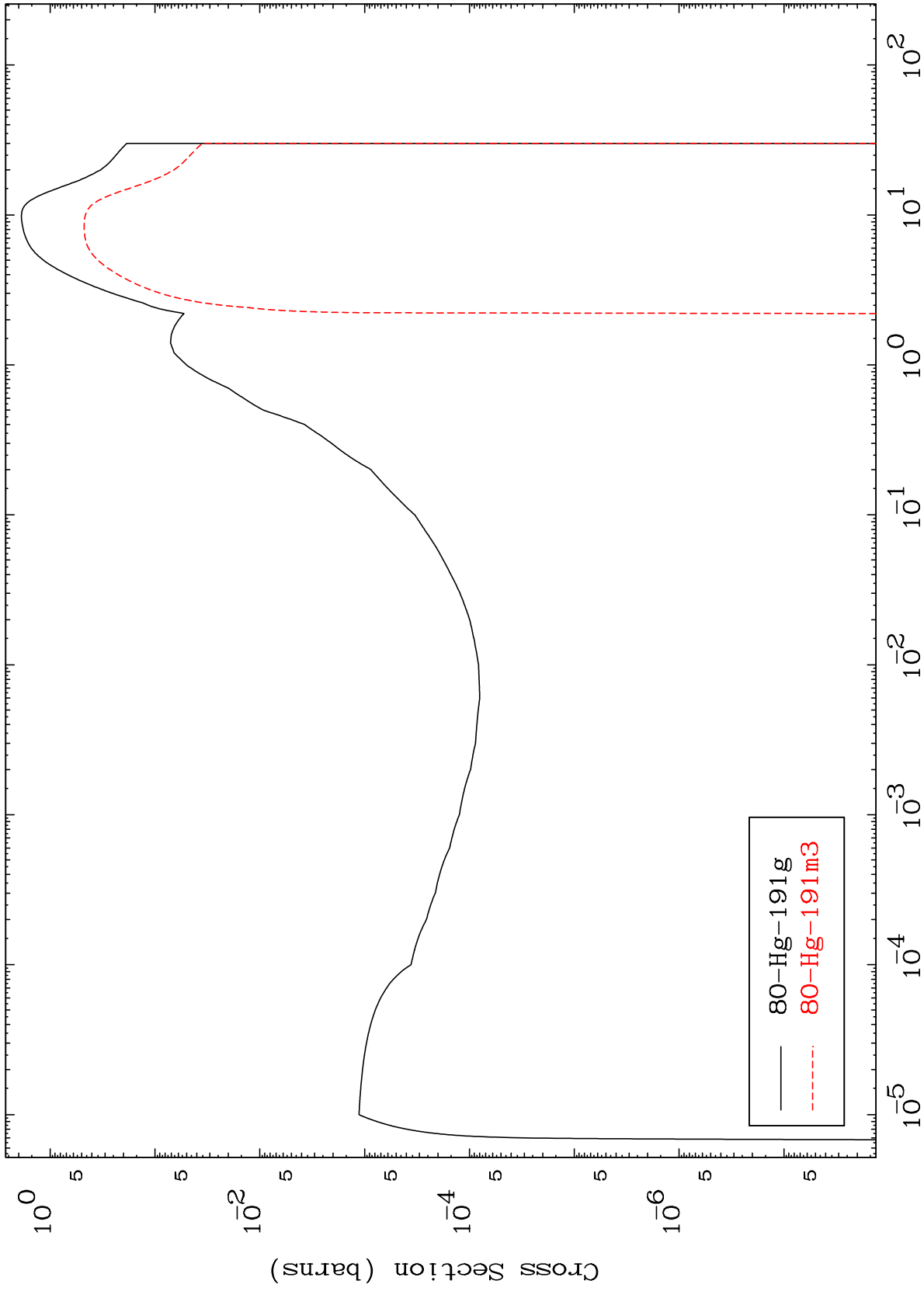
Incident Energy (MeV)

80-Hg-191

MAT 8011

Inelastic
Radionuclide Production Cross Section

80-Hg-191

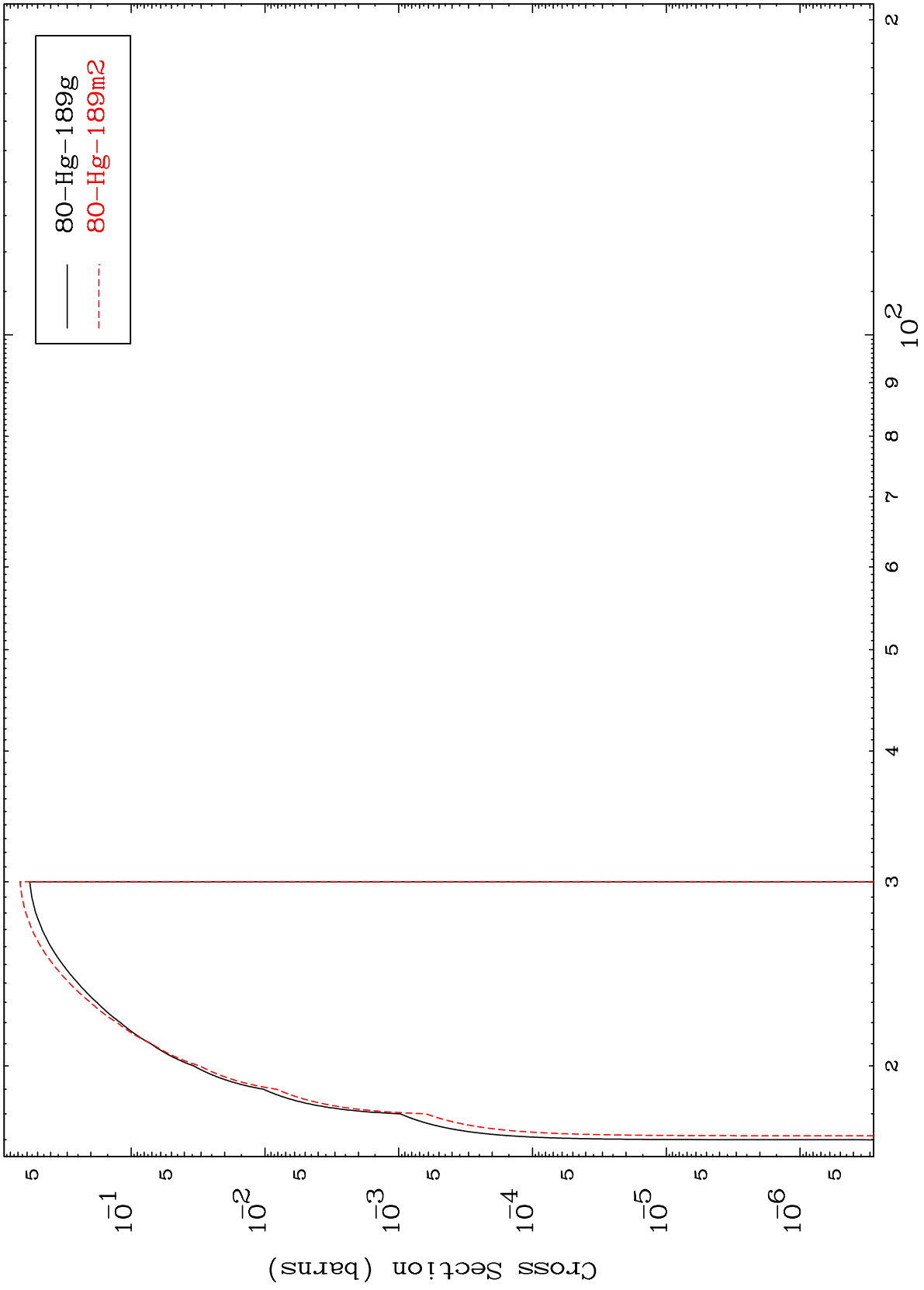


— 80-Hg-191 g
- - - 80-Hg-191 m3

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80-Hg-191

(n,3n)
Radionuclide Production Cross Section



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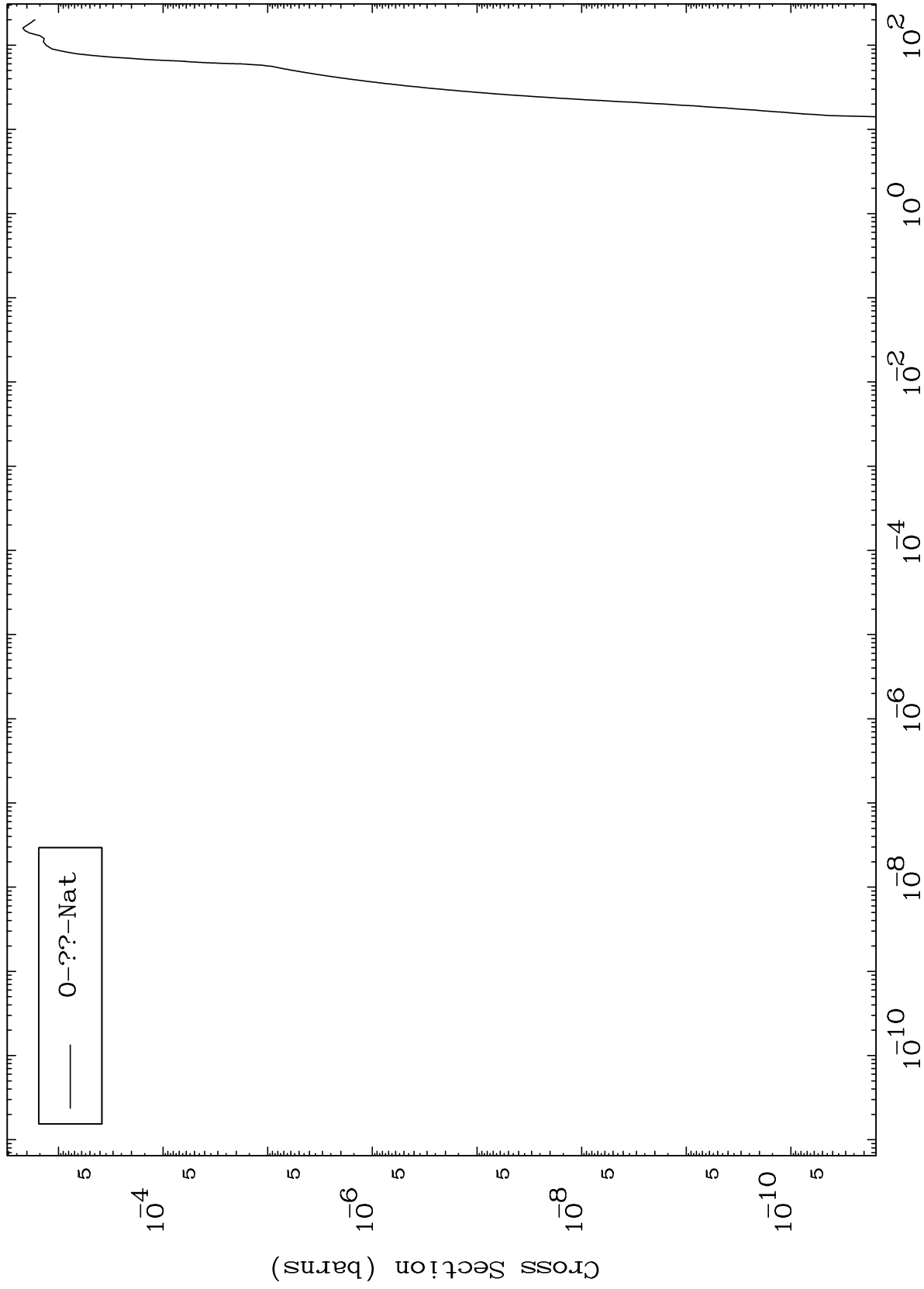
Incident Energy (MeV)

80-Hg-191

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Fission
Radionuclide Production Cross Section

80-Hg-191



19

Incident Energy (MeV)

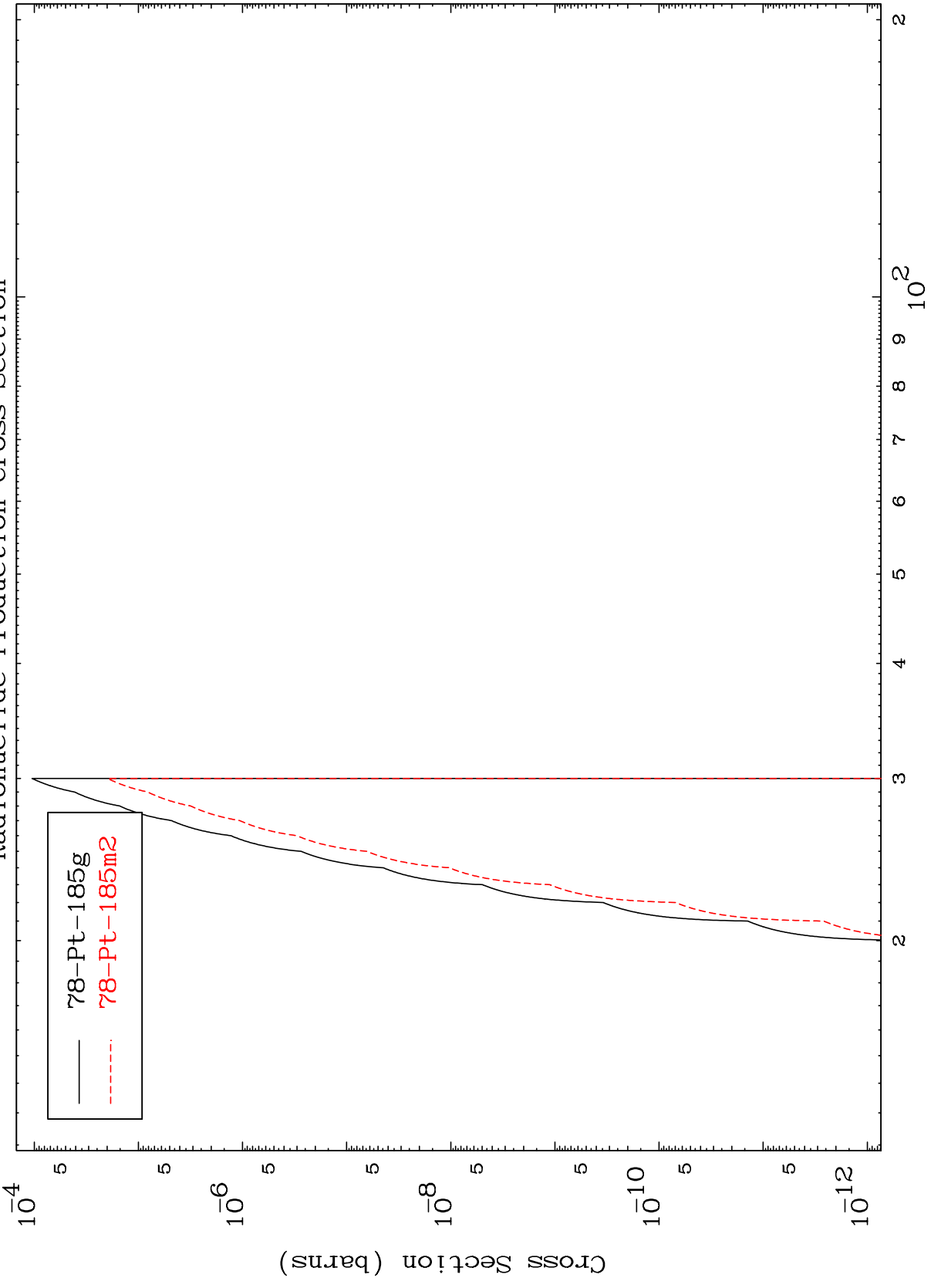
80-Hg-191

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(n,3n) α

80-Hg-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

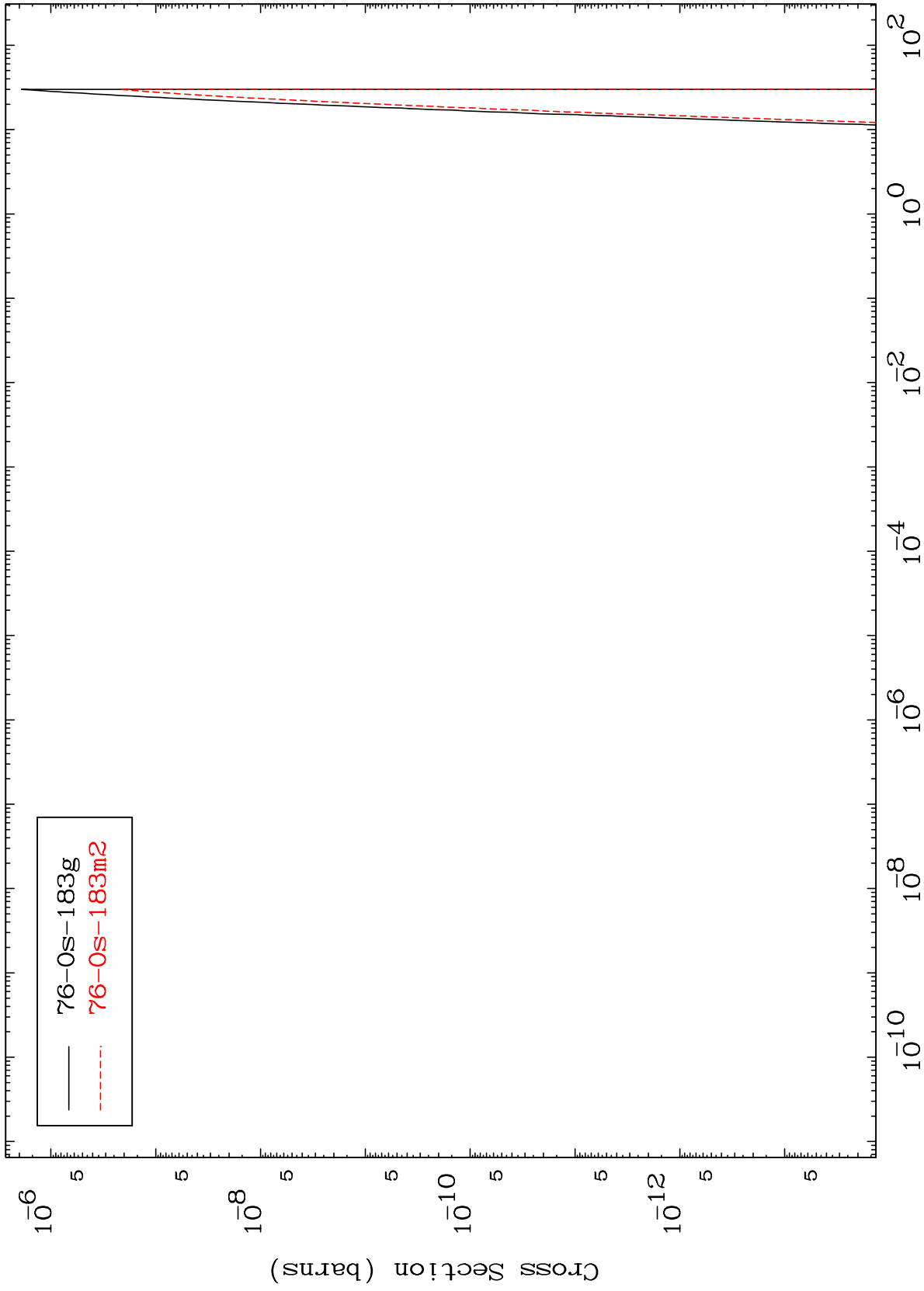
80-Hg-191

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(n,n') 2 α

80-Hg-191

Radionuclide Production Cross Section



21

Incident Energy (MeV)

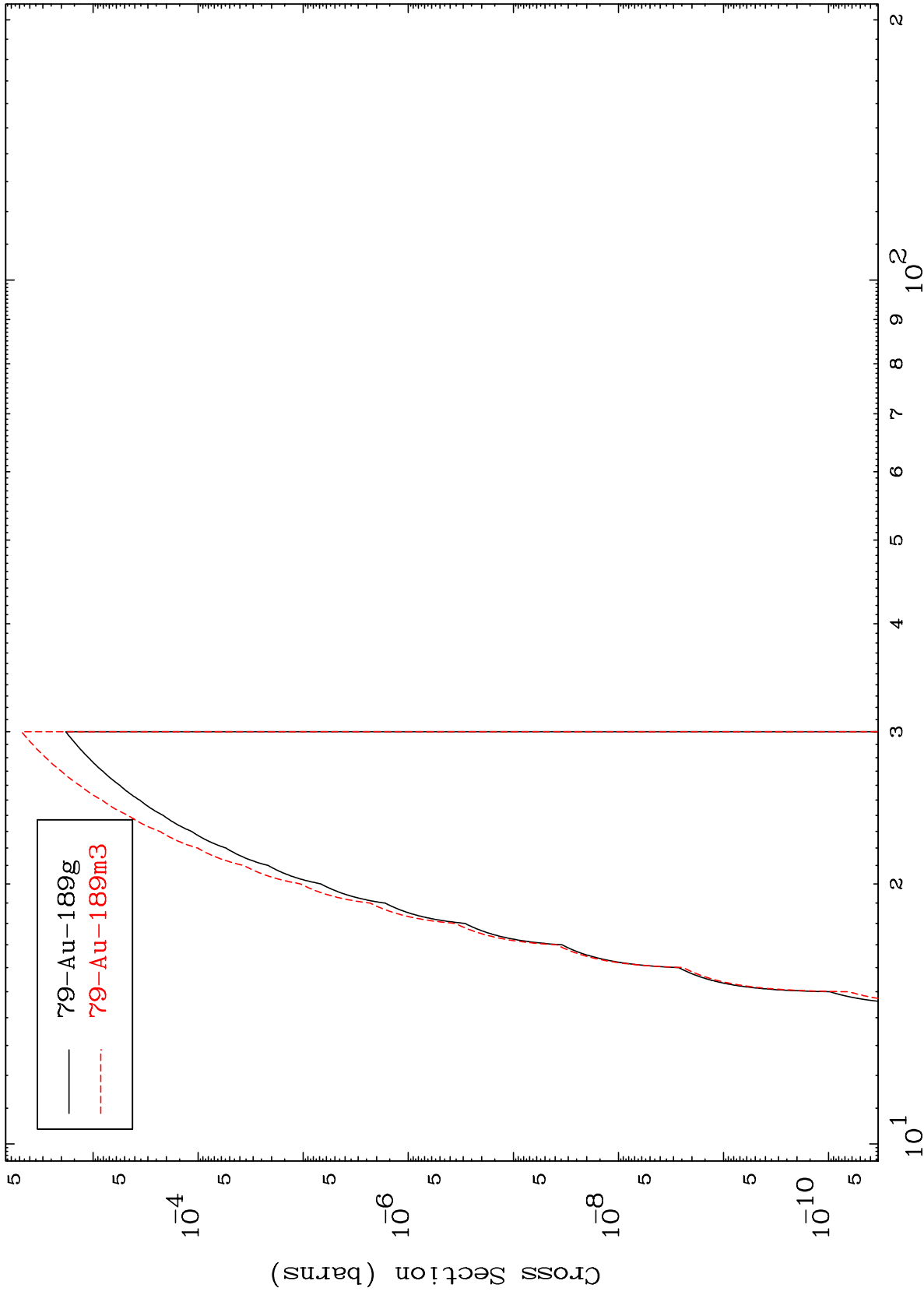
80-Hg-191

MAT 8011

(n,n') d

80-Hg-191

Radionuclide Production Cross Section



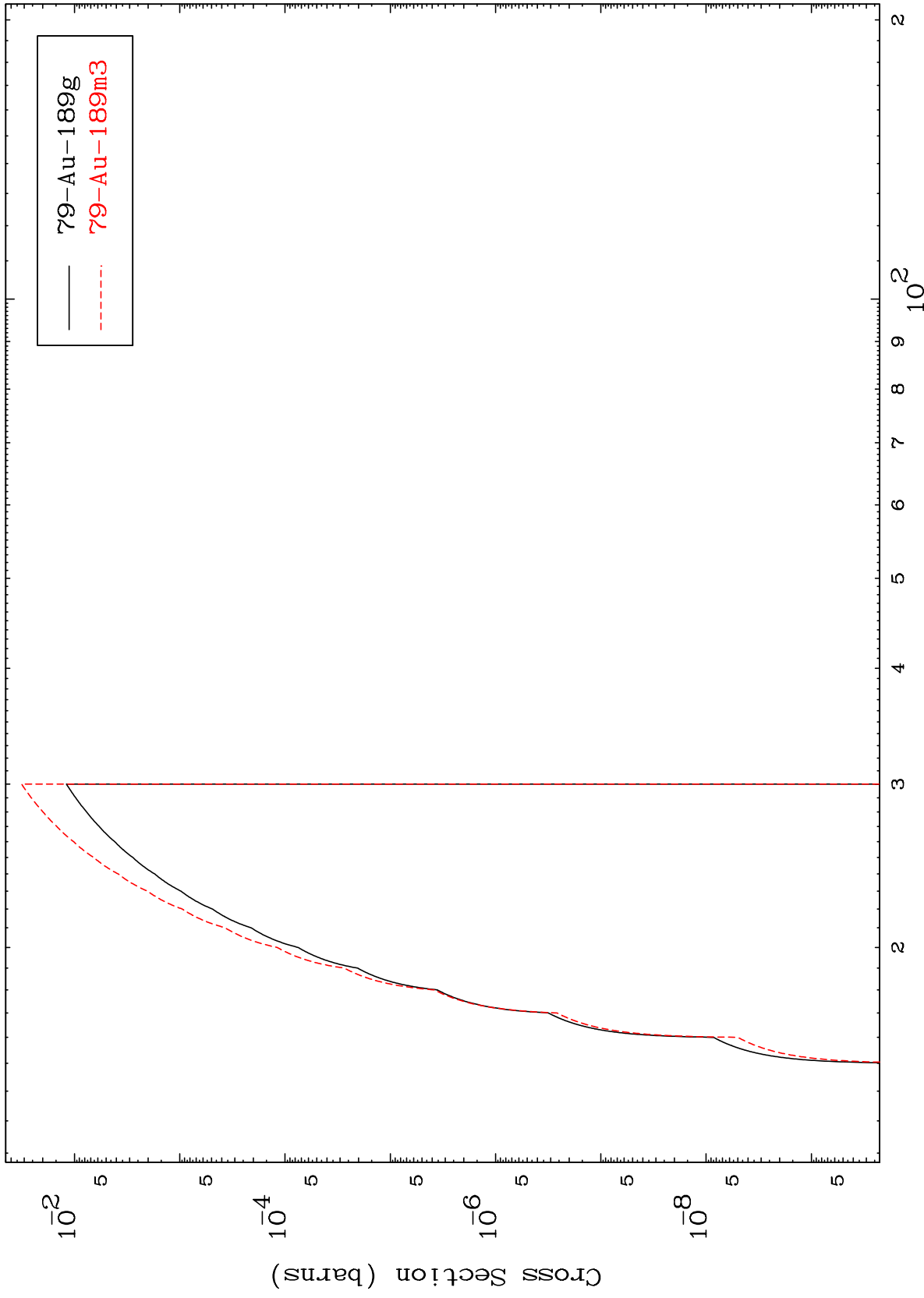
22

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(n,2n) p

80-Hg-191

Radionuclide Production Cross Section



23

Incident Energy (MeV)

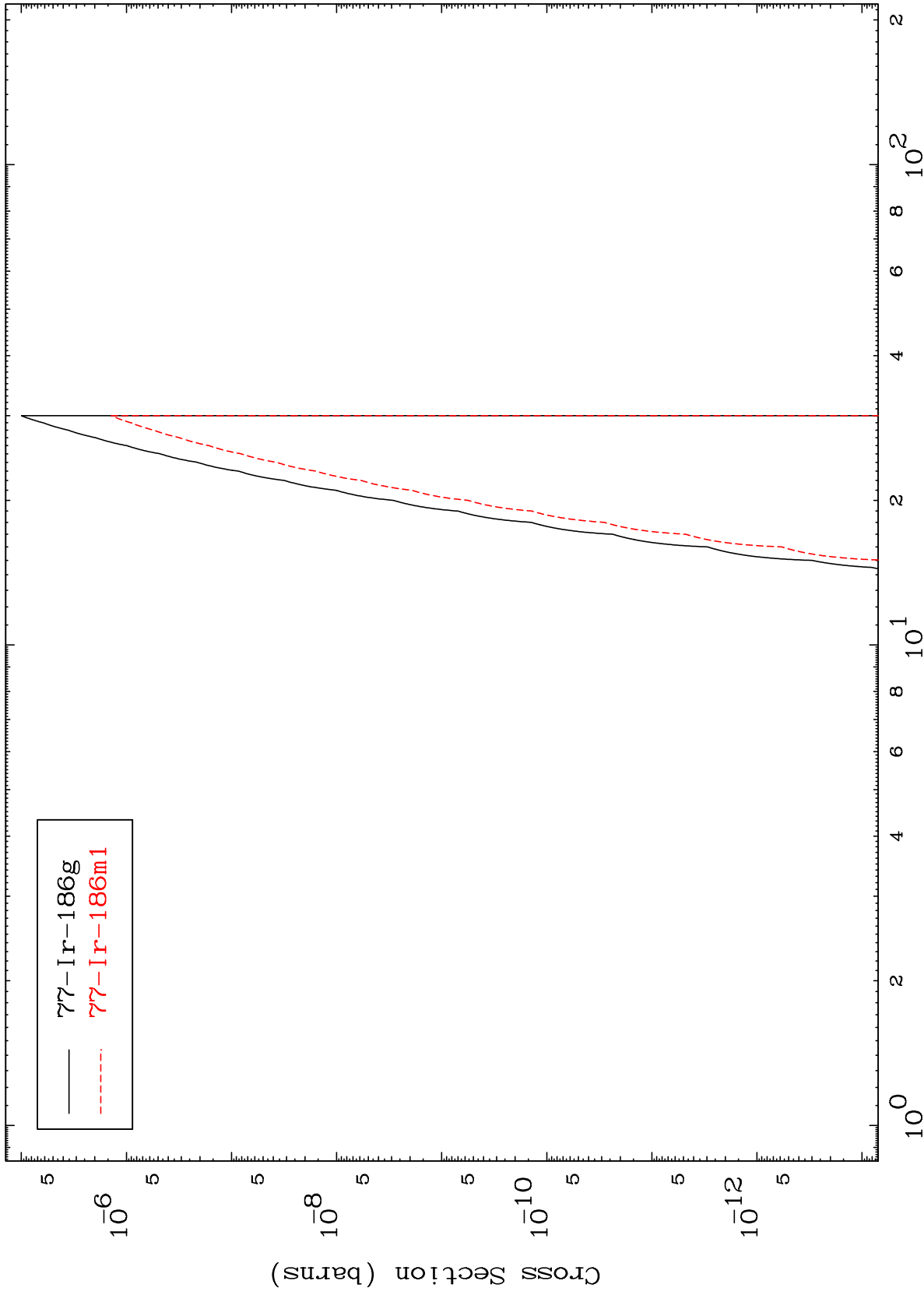
80-Hg-191

MAT 8011

(n,n') p α

80-Hg-191

Radionuclide Production Cross Section



24

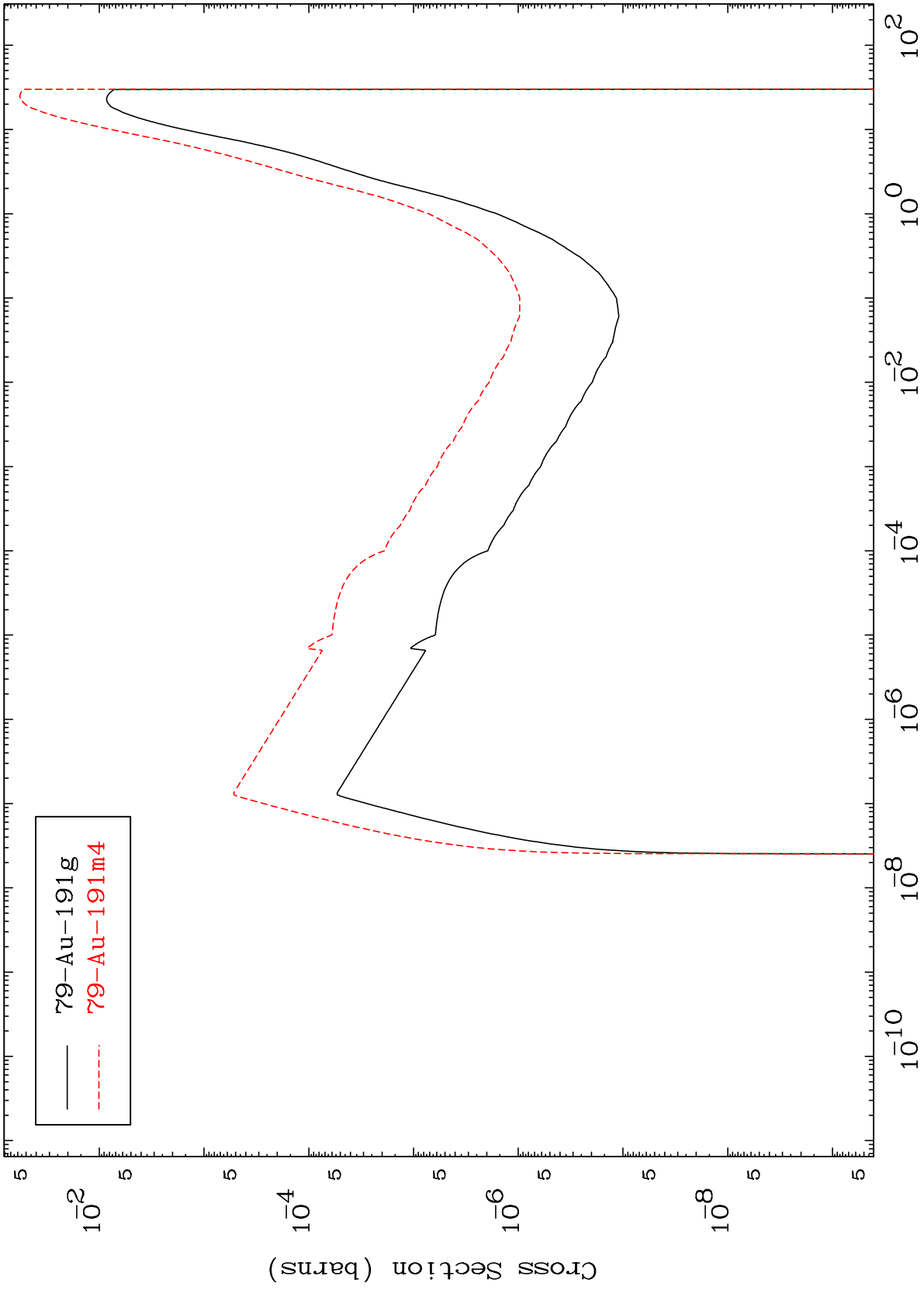
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,p)
Radionuclide Production Cross Section

80-Hg-191



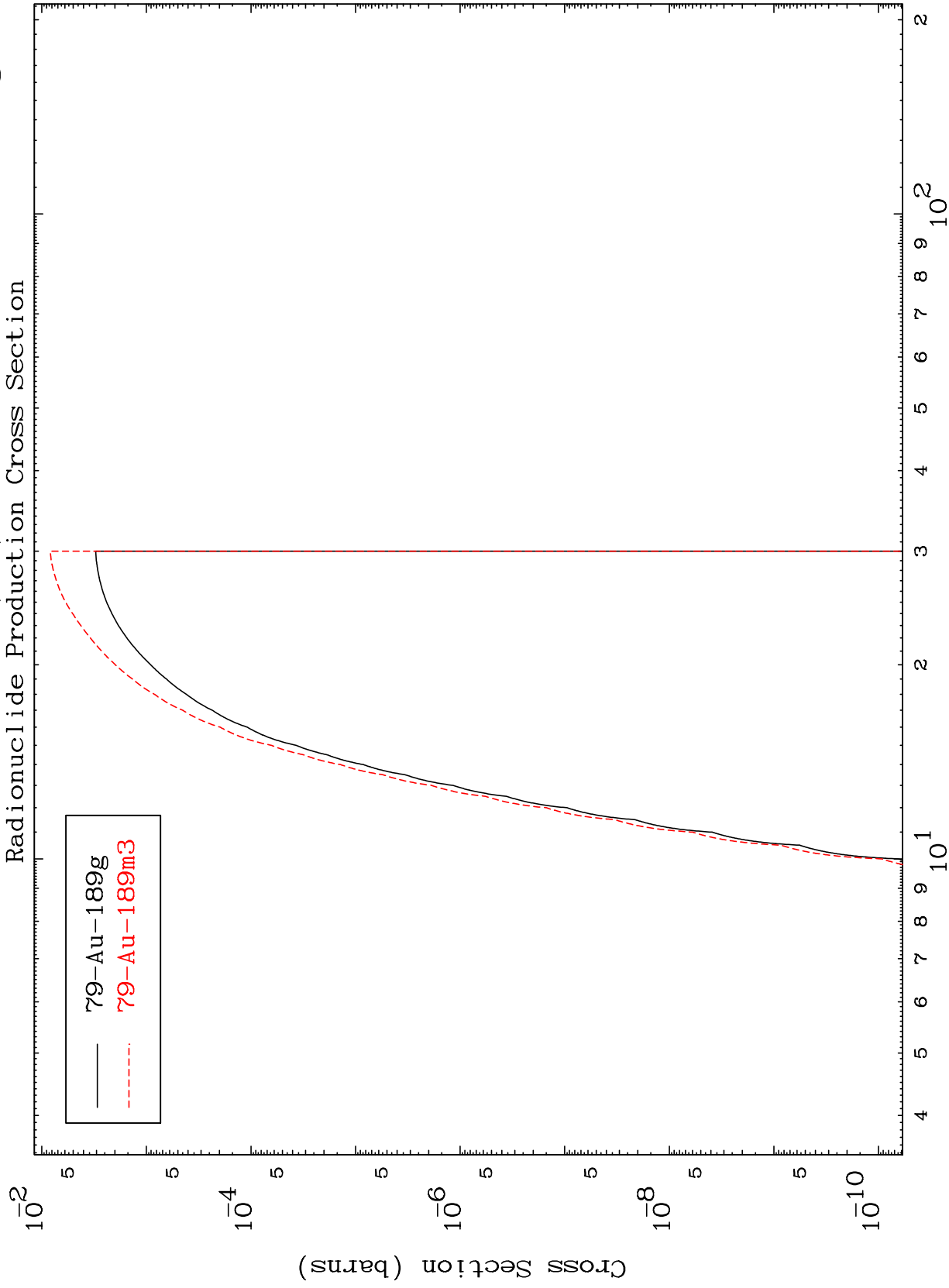
25

Incident Energy (MeV)

80-Hg-191

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80-Hg-191



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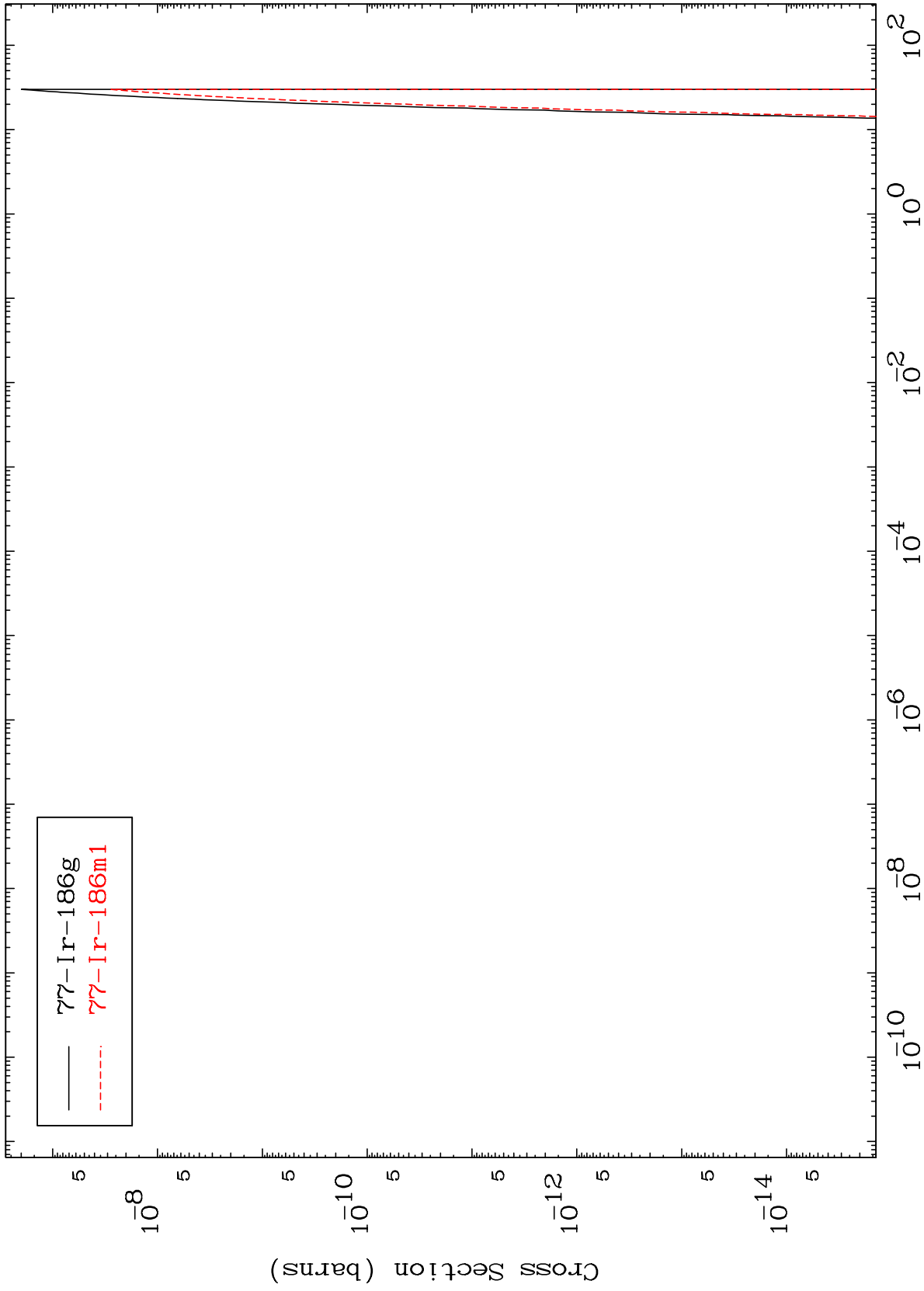
80-Hg-191

MAT 8011

(n,d) α

80-Hg-191

Radionuclide Production Cross Section



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Incident Energy (MeV)

80-Hg-191