

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

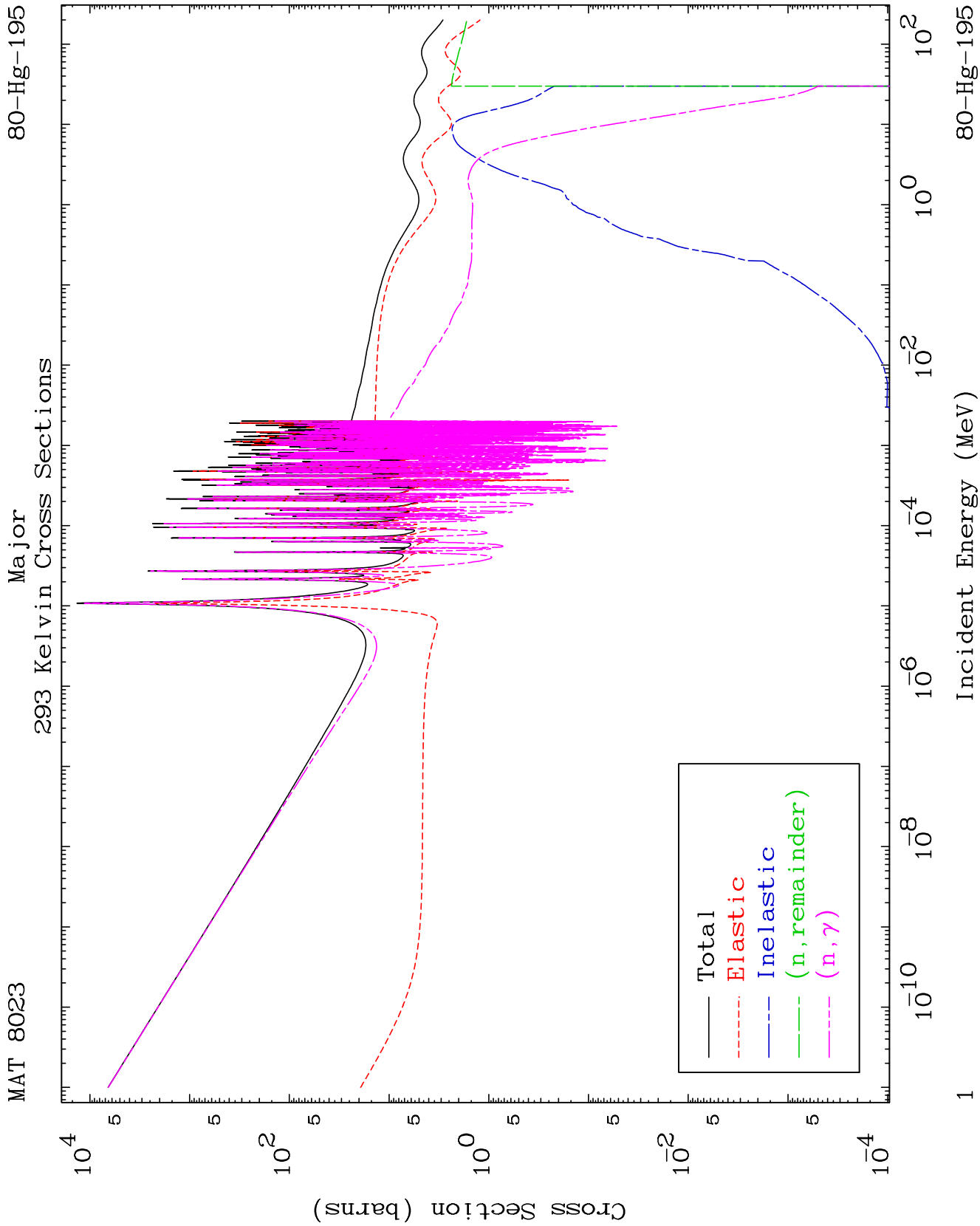
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Web: home.comcast.net/~redcullen1

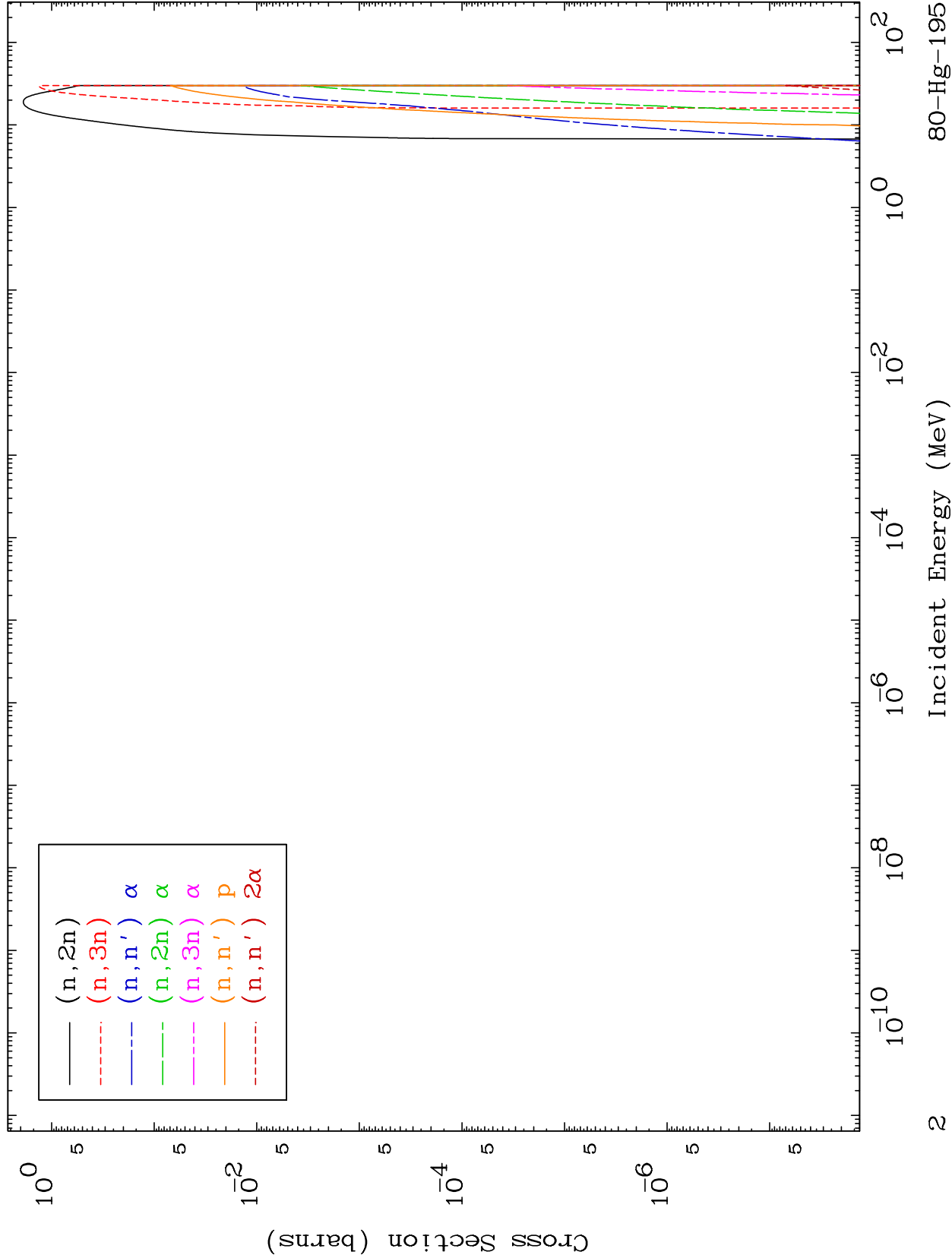
Press Mouse Button to Start



MAT 8023

Neutron Production
293 Kelvin Cross Sections

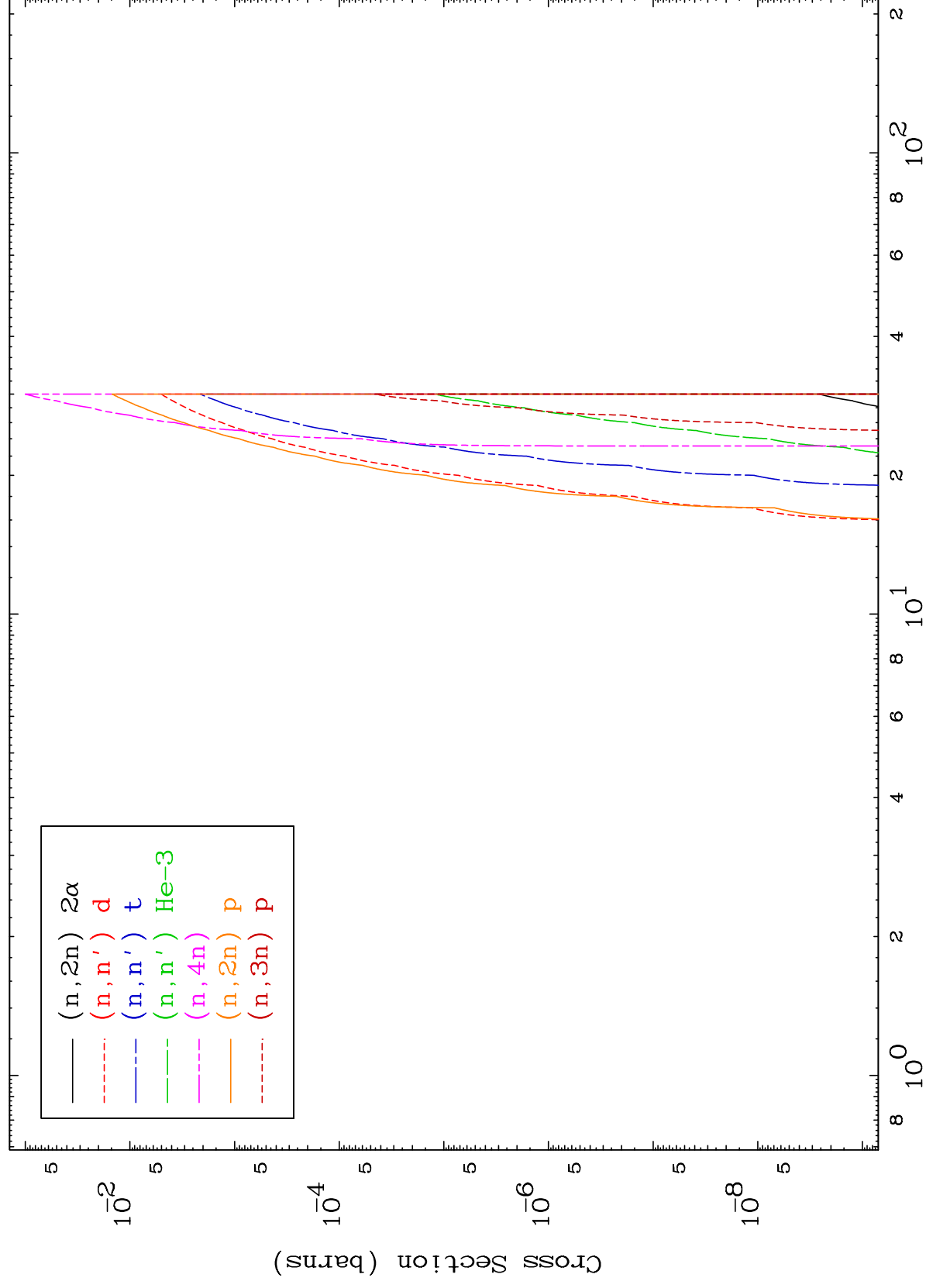
80-Hg-195



MAT 8023

Neutron Production 293 Kelvin Cross Sections

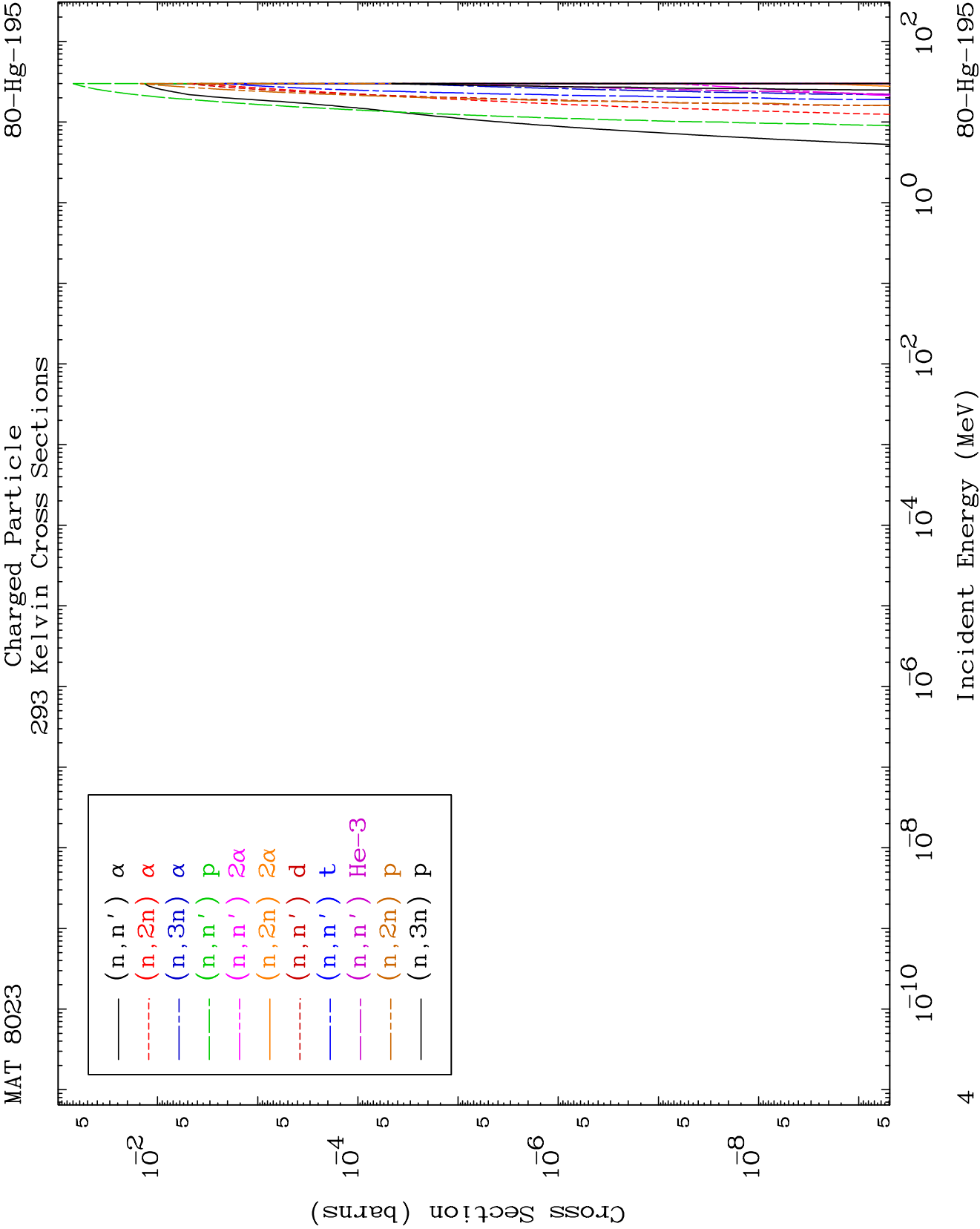
80-Hg-195

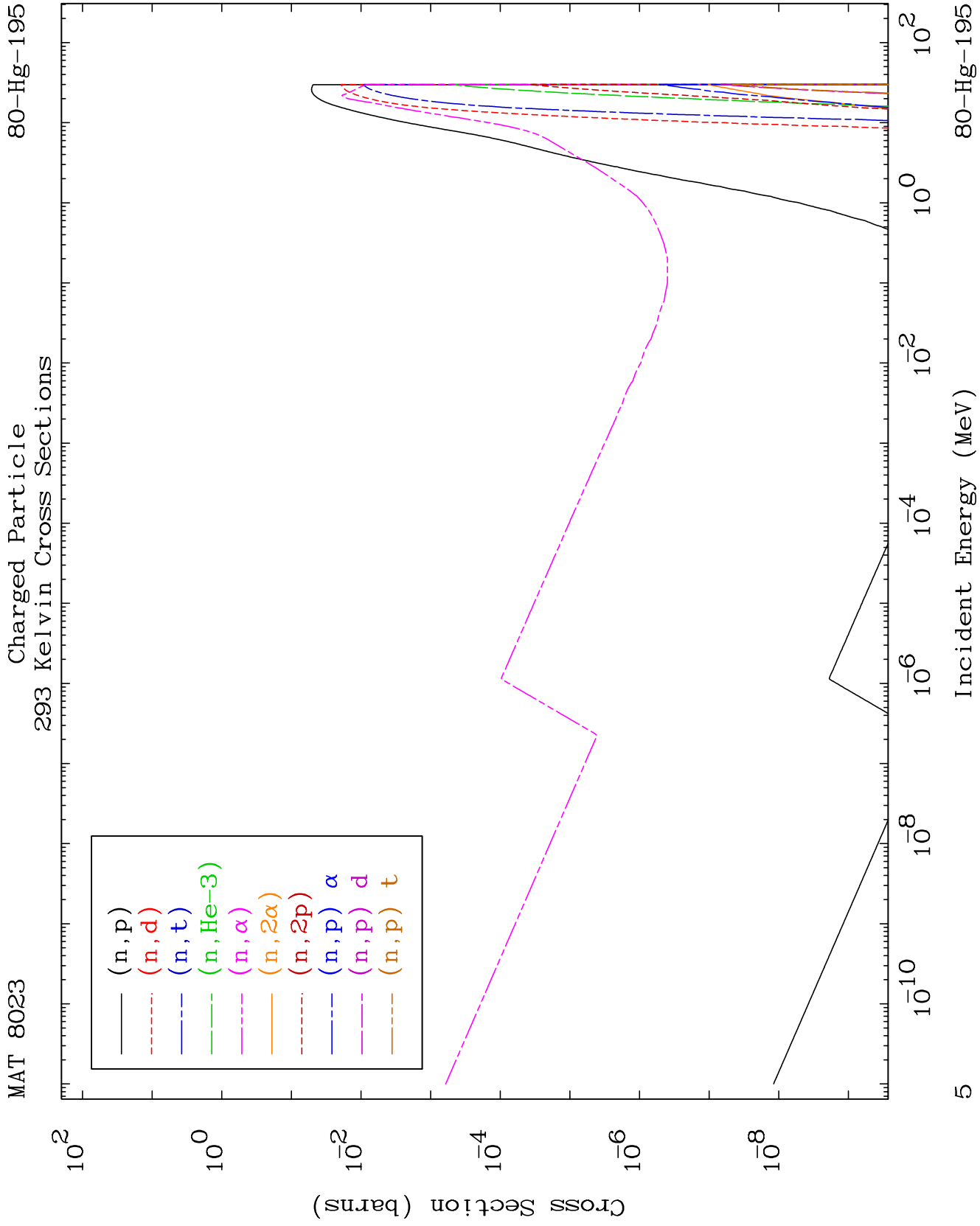


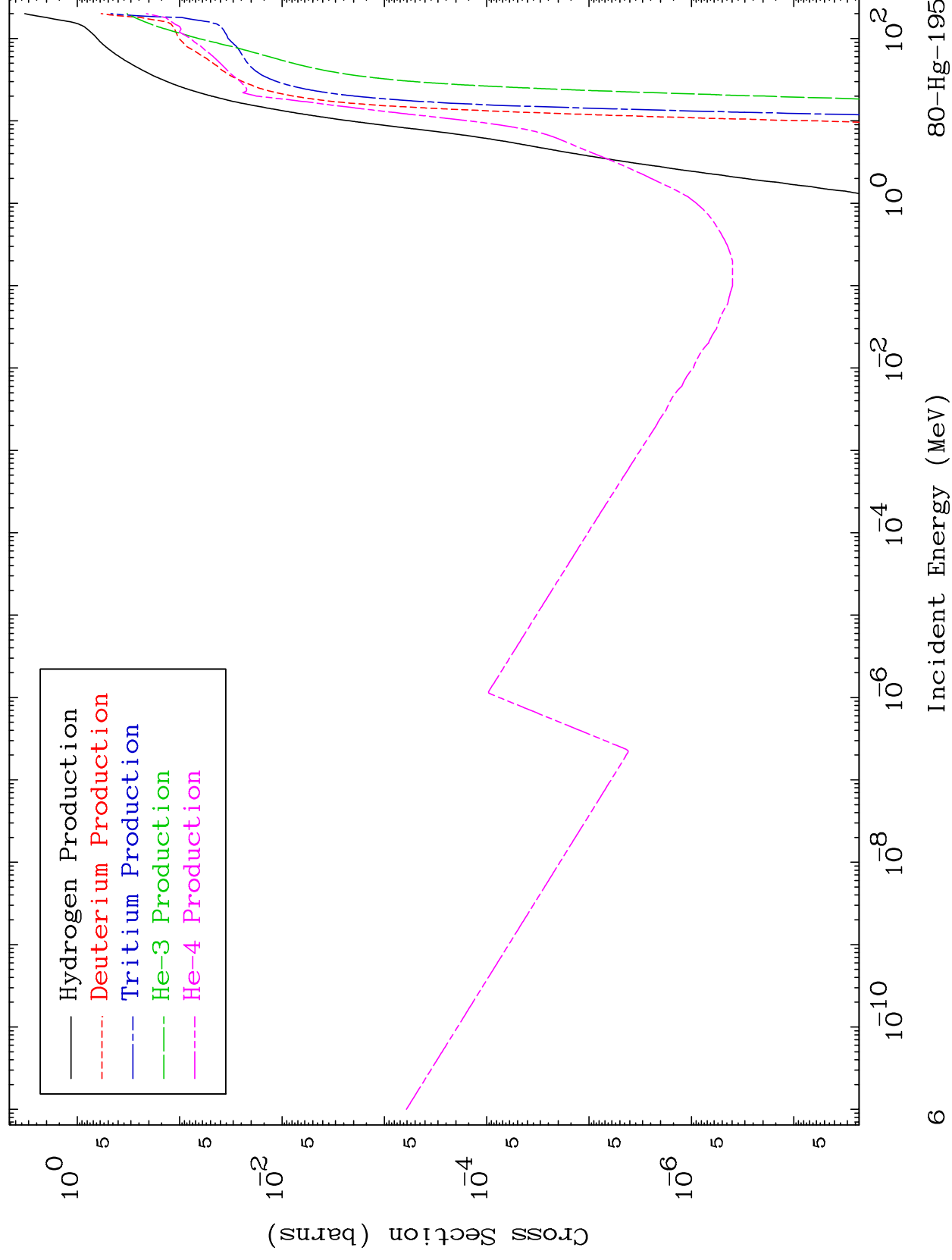
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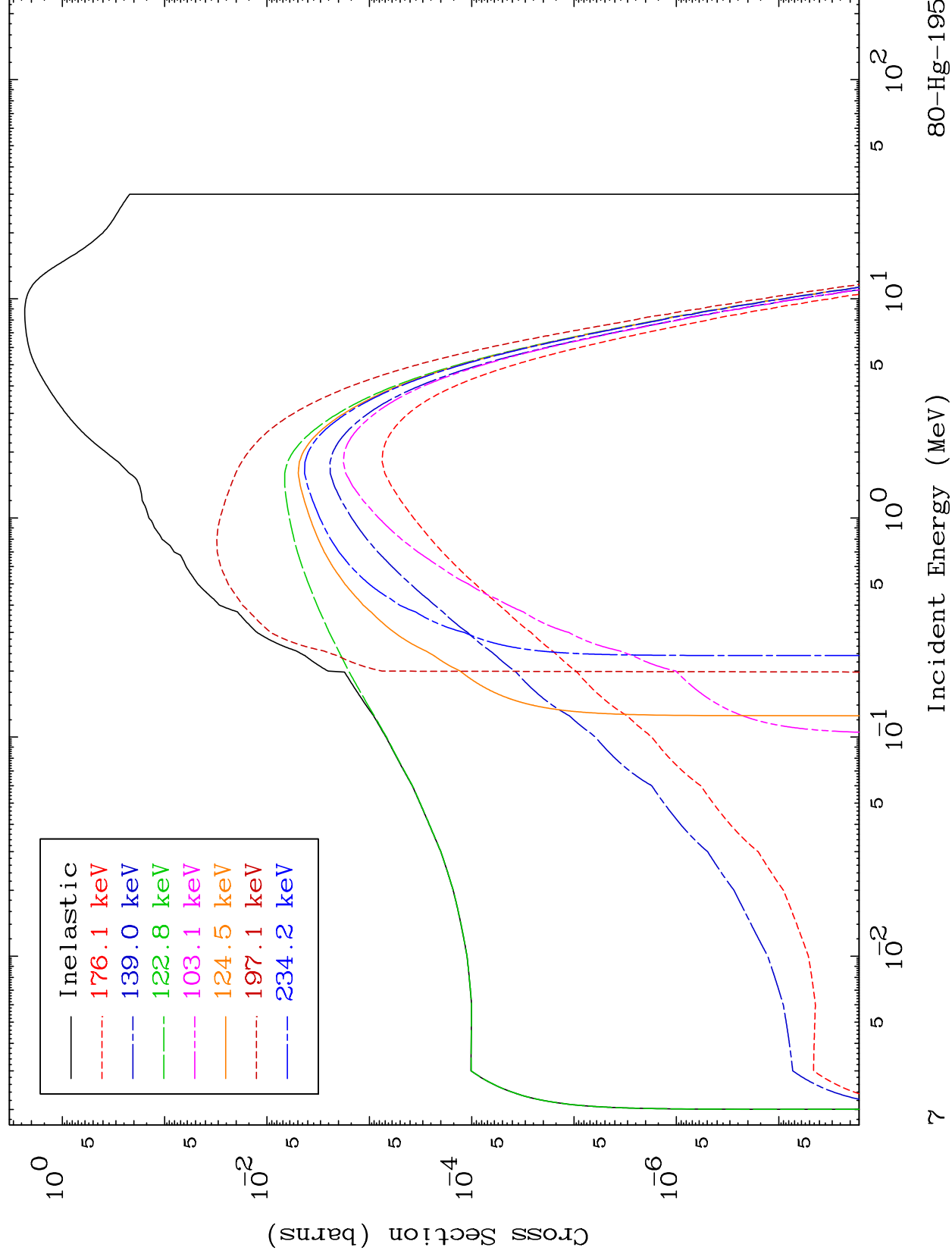
Incident Energy (MeV)

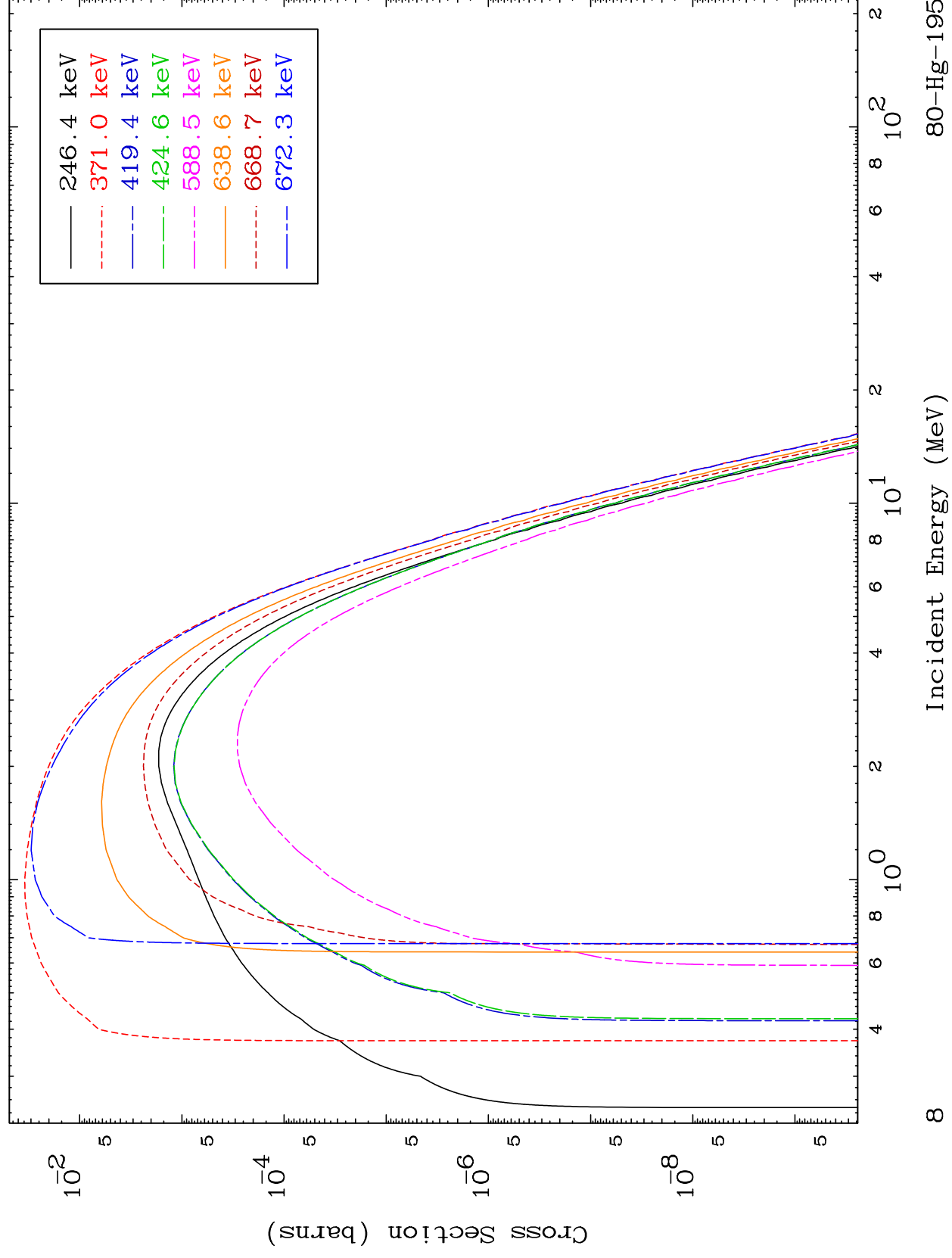
80-Hg-195

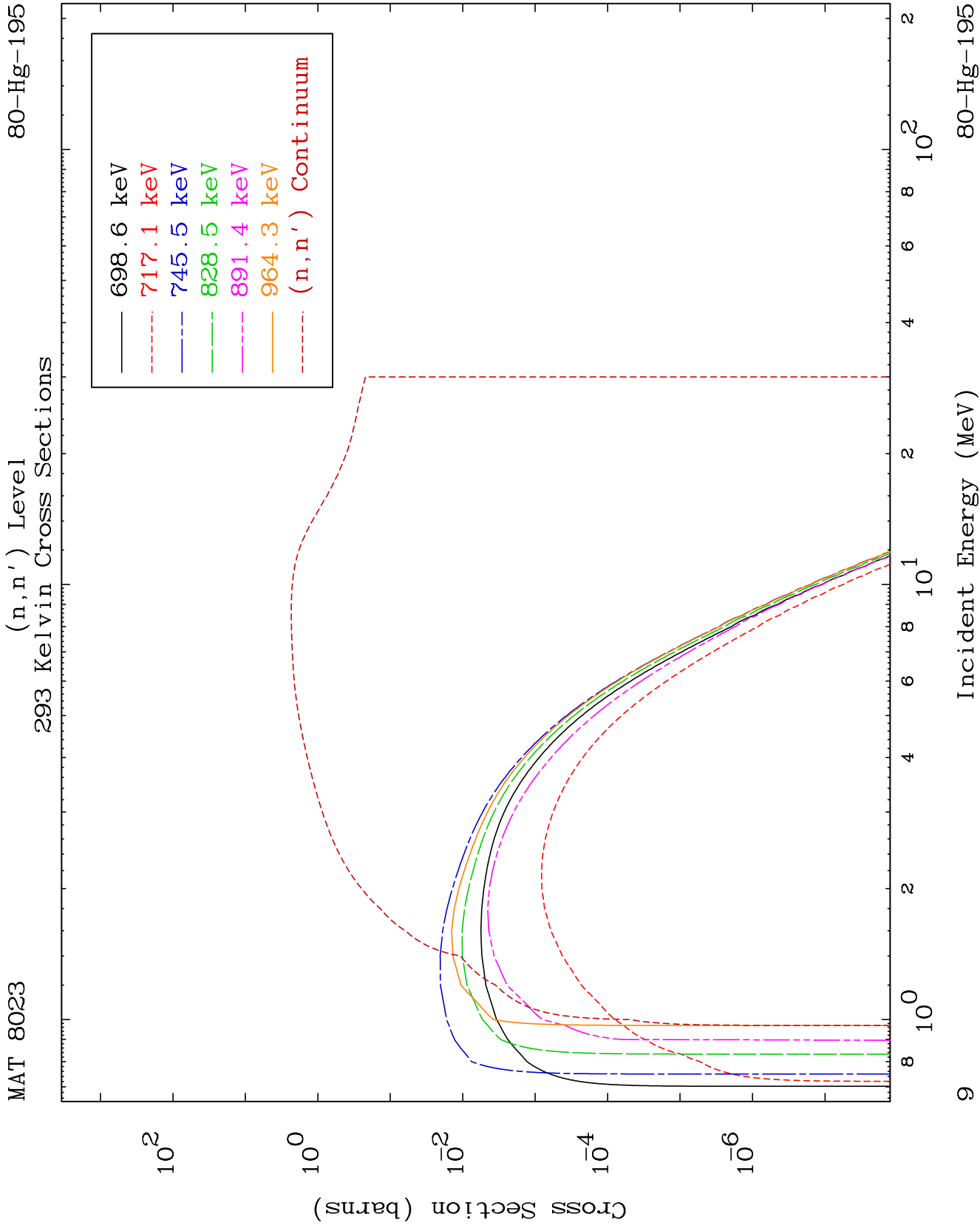








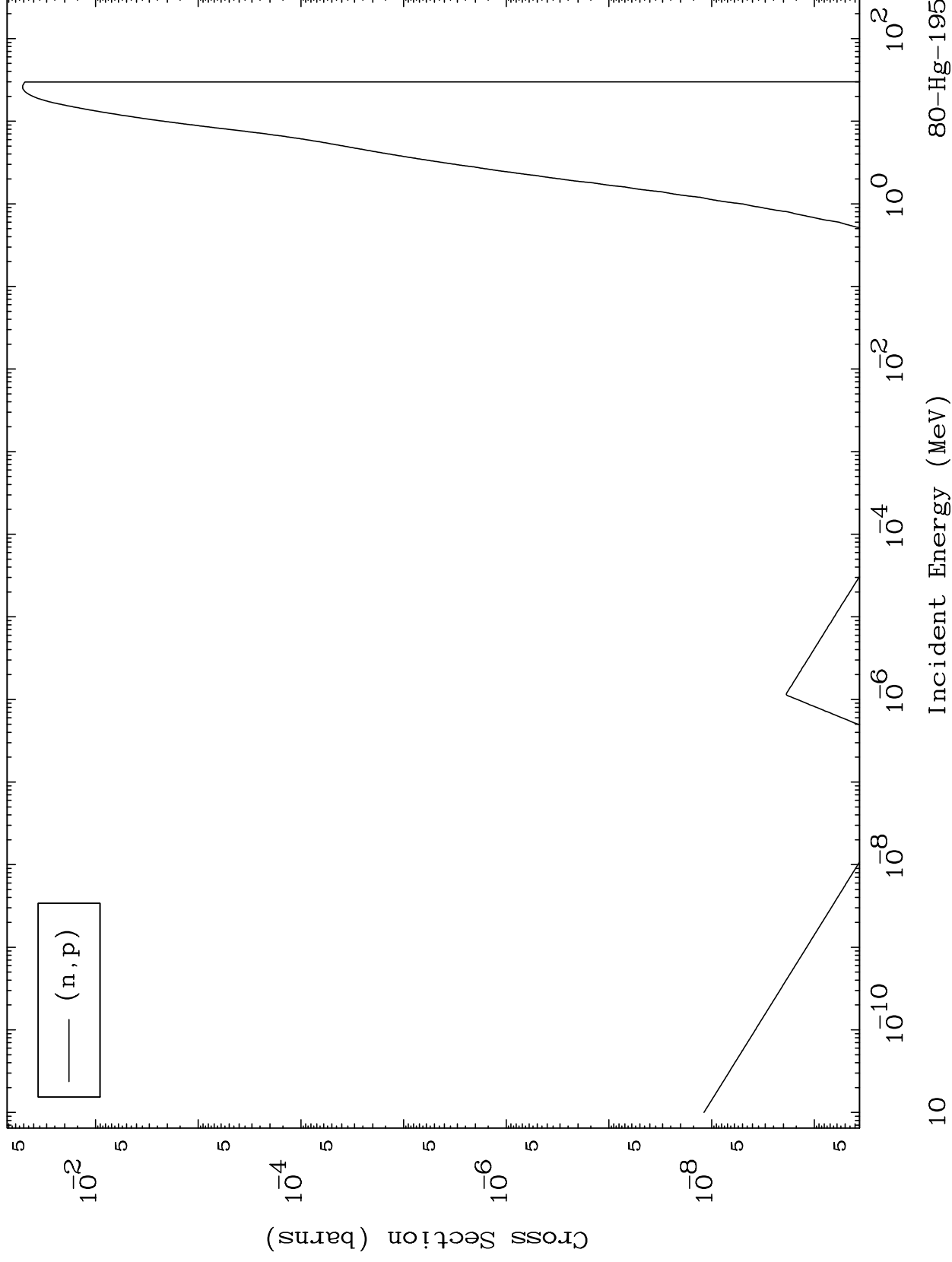
(n, n') Level



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(n,p) Levels
293 Kelvin Cross Sections

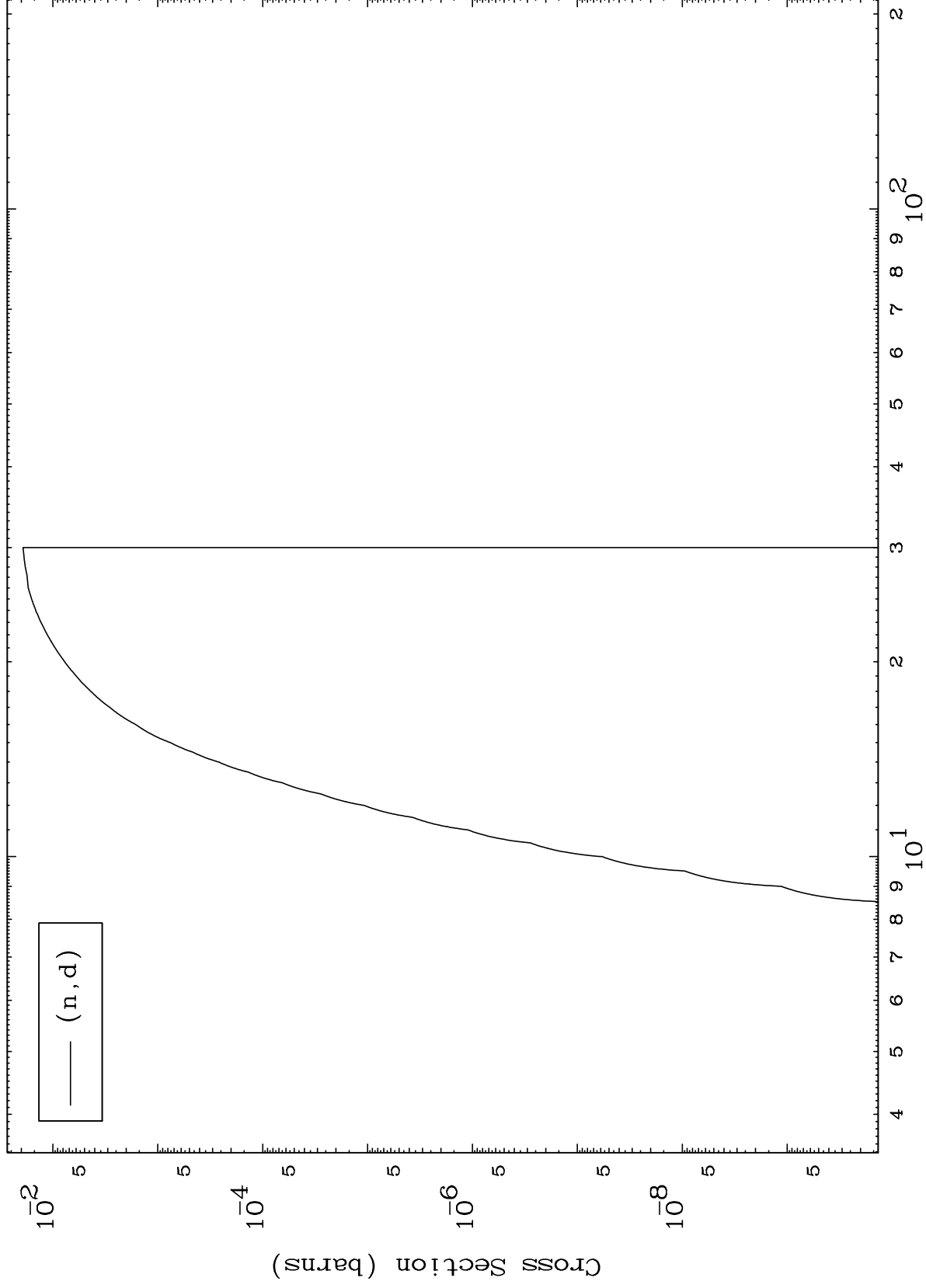
80-Hg-195



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80-Hg-195

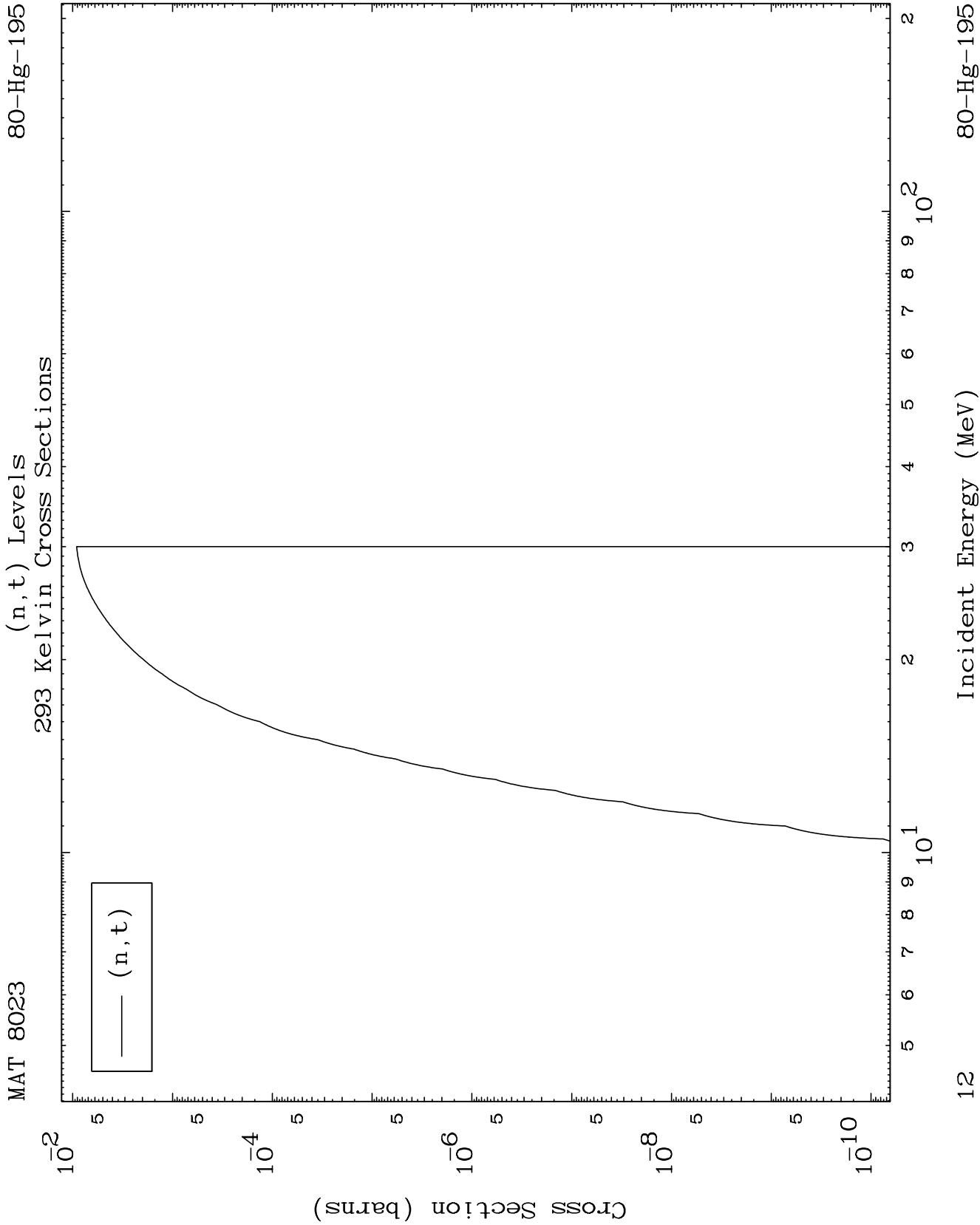
(n,d) Levels
293 Kelvin Cross Sections



80-Hg-195

Incident Energy (MeV)

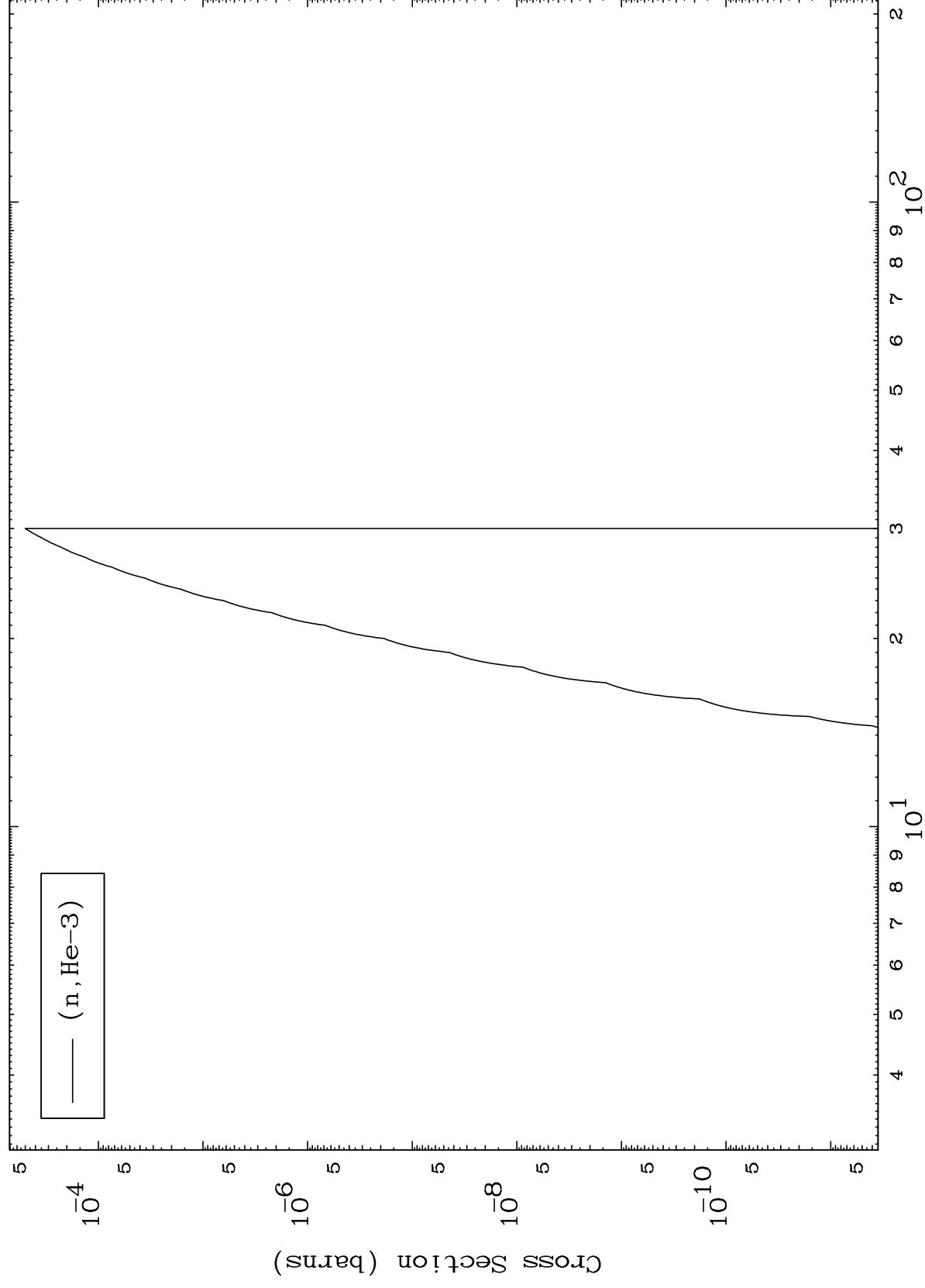
11



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80-Hg-195

(n,He3) Levels
293 Kelvin Cross Sections



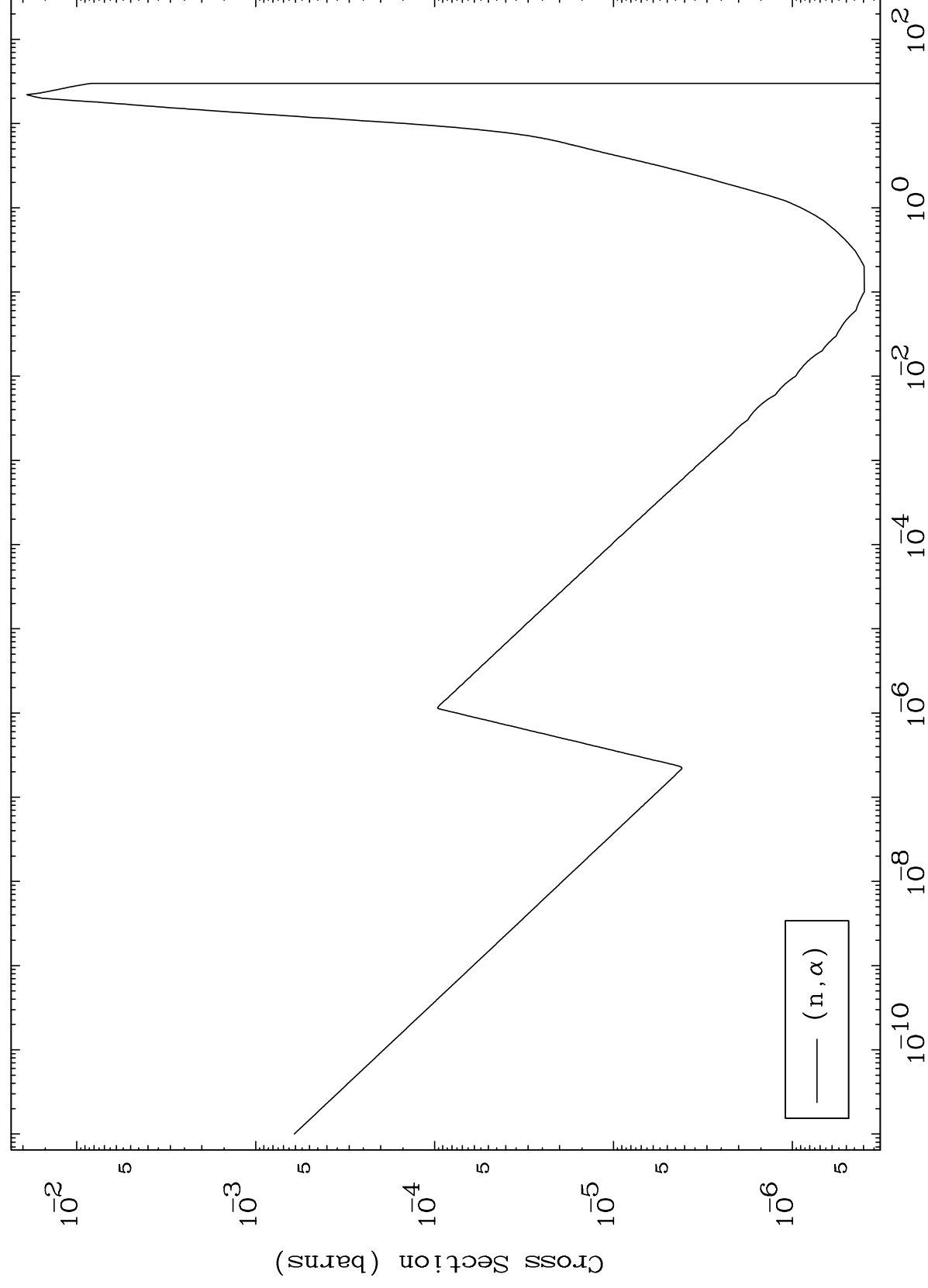
13

Incident Energy (MeV)

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(n, α) Levels
293 Kelvin Cross Sections

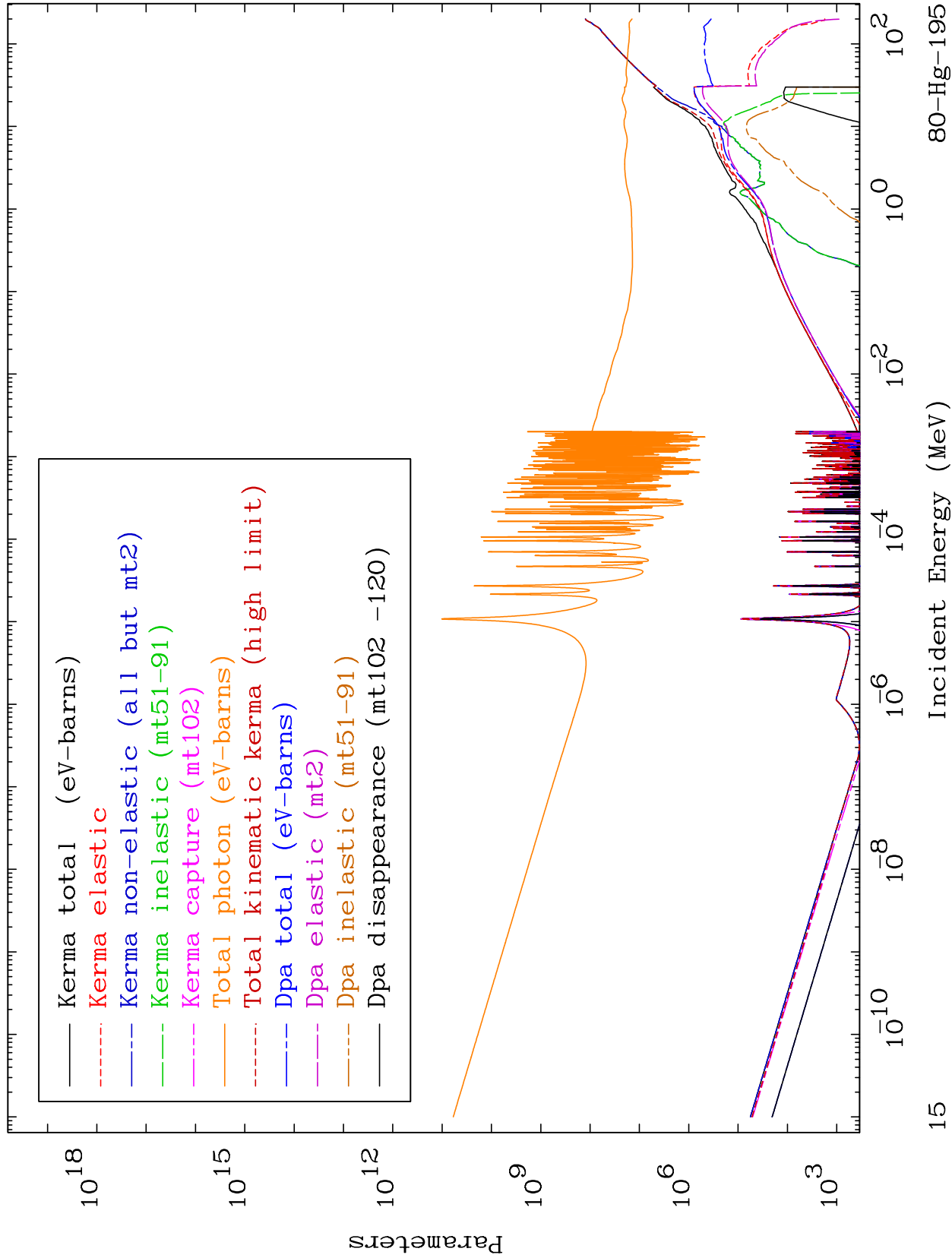
80-Hg-195

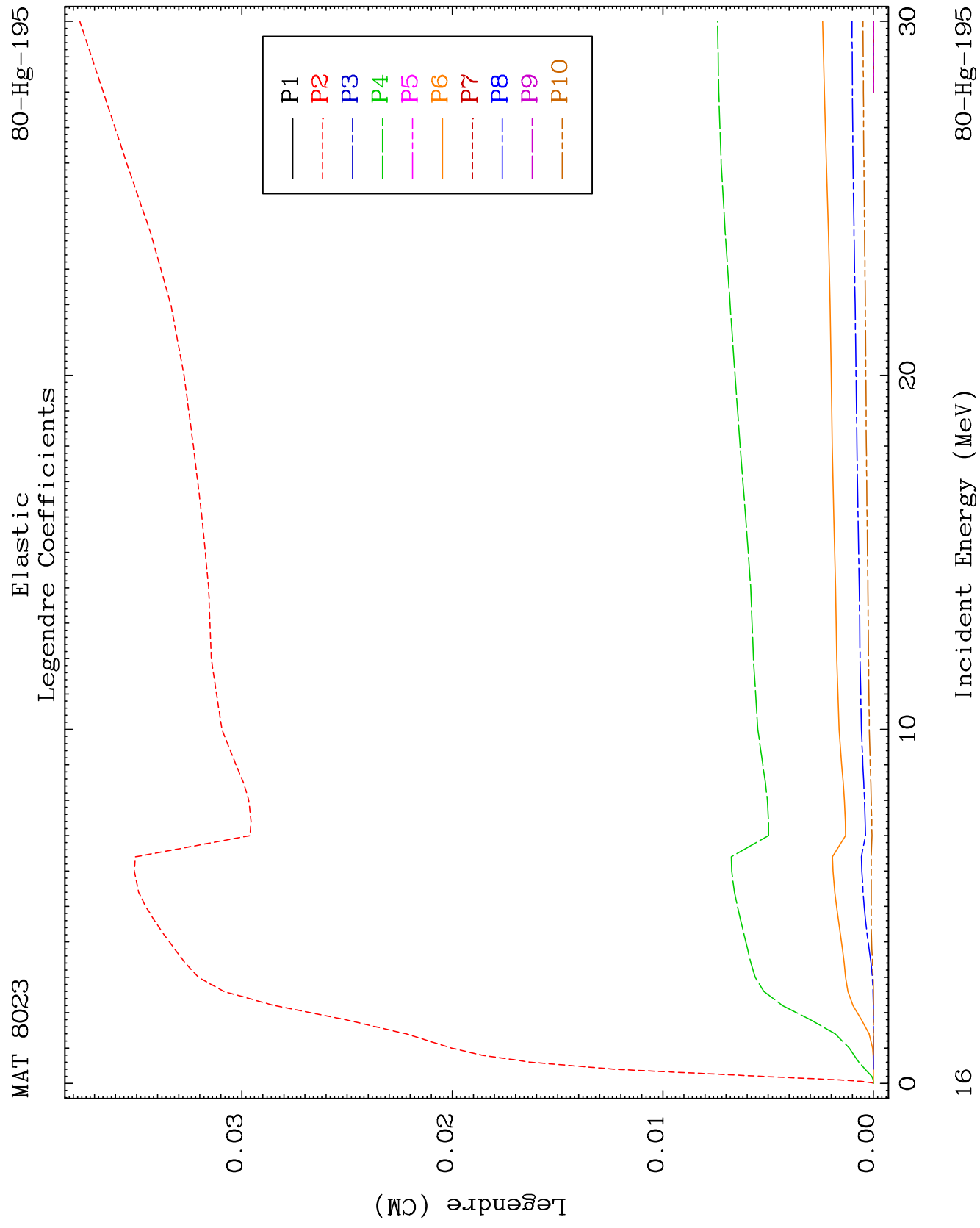


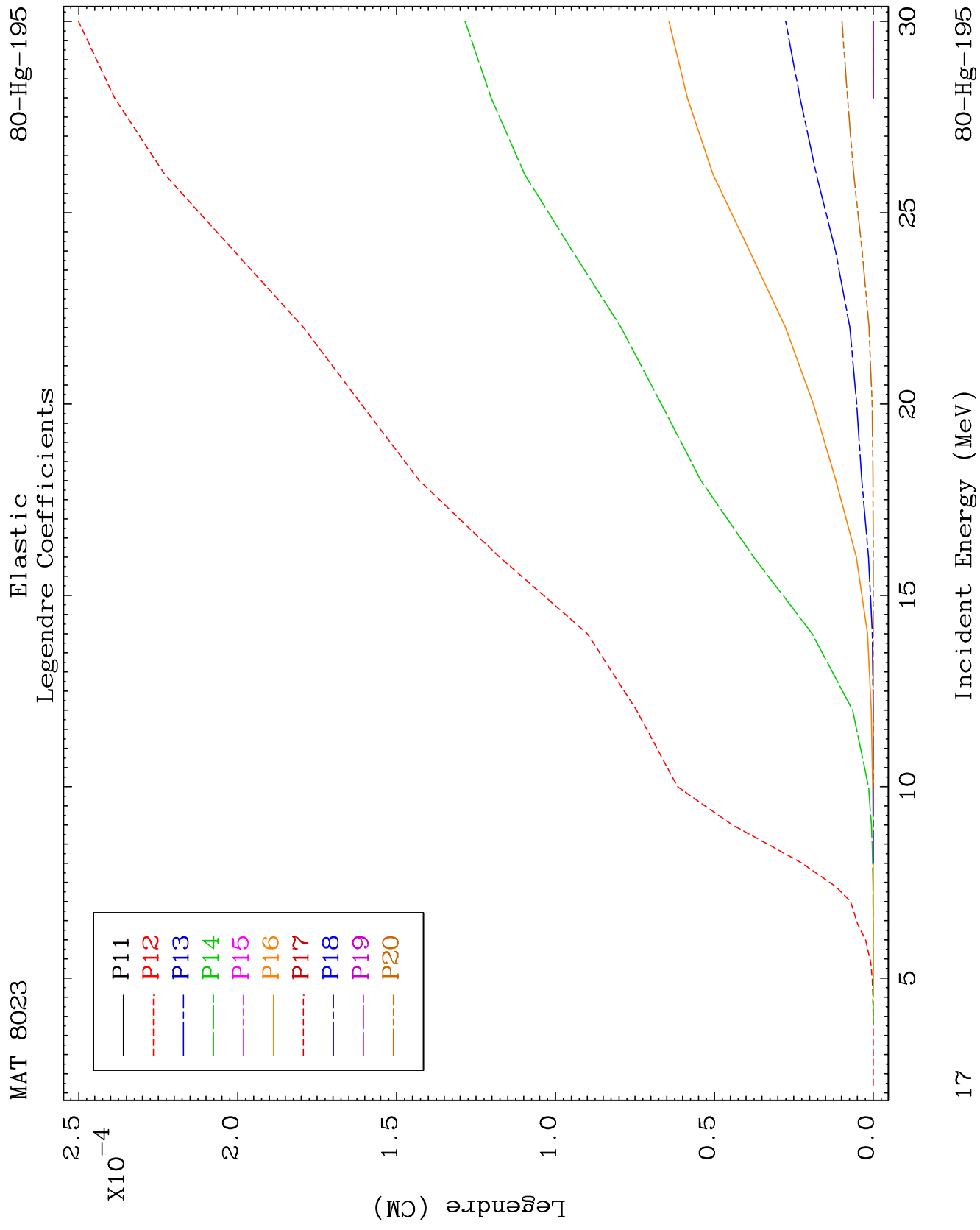
14

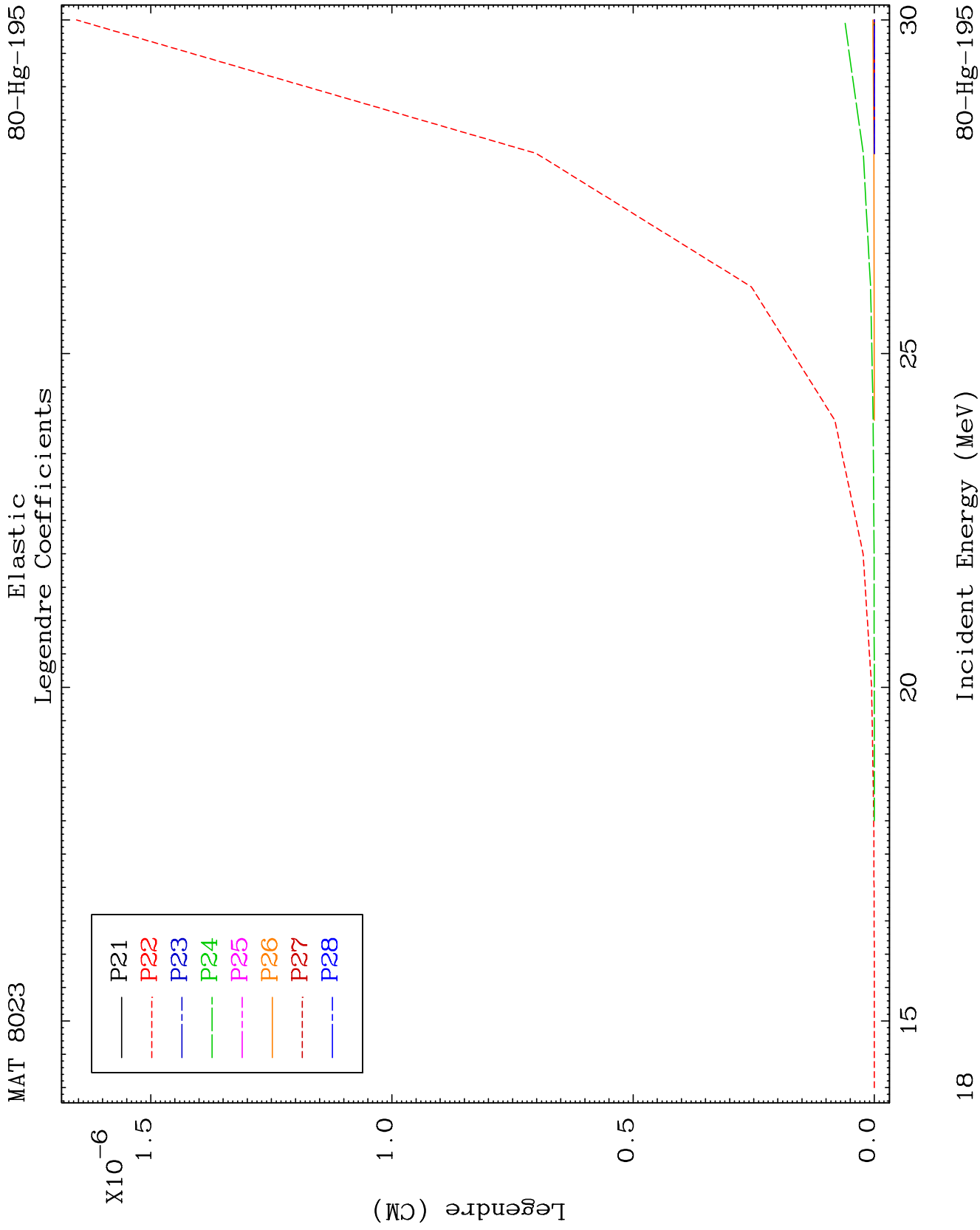
Incident Energy (MeV)

80-Hg-195





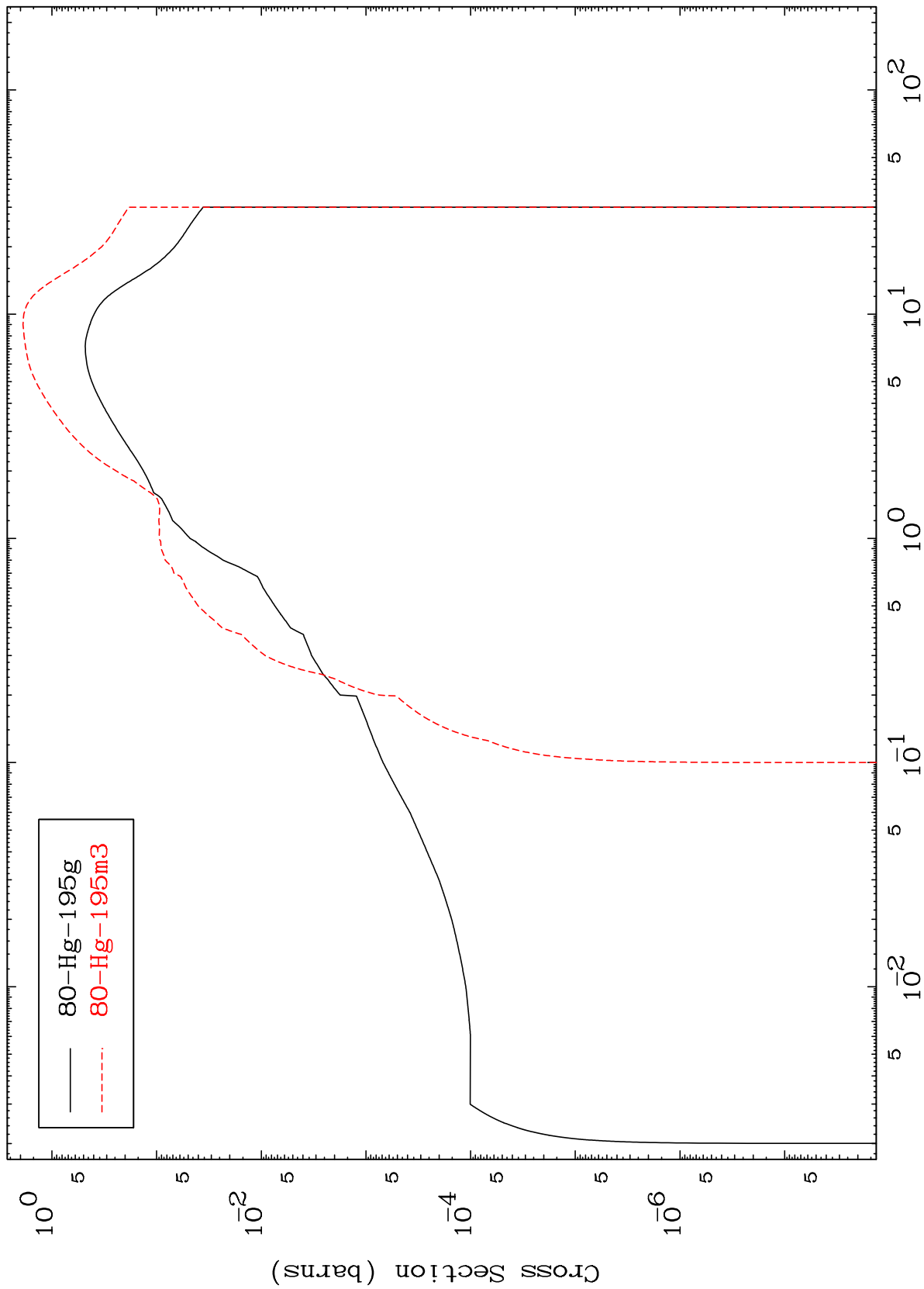




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80-Hg-195

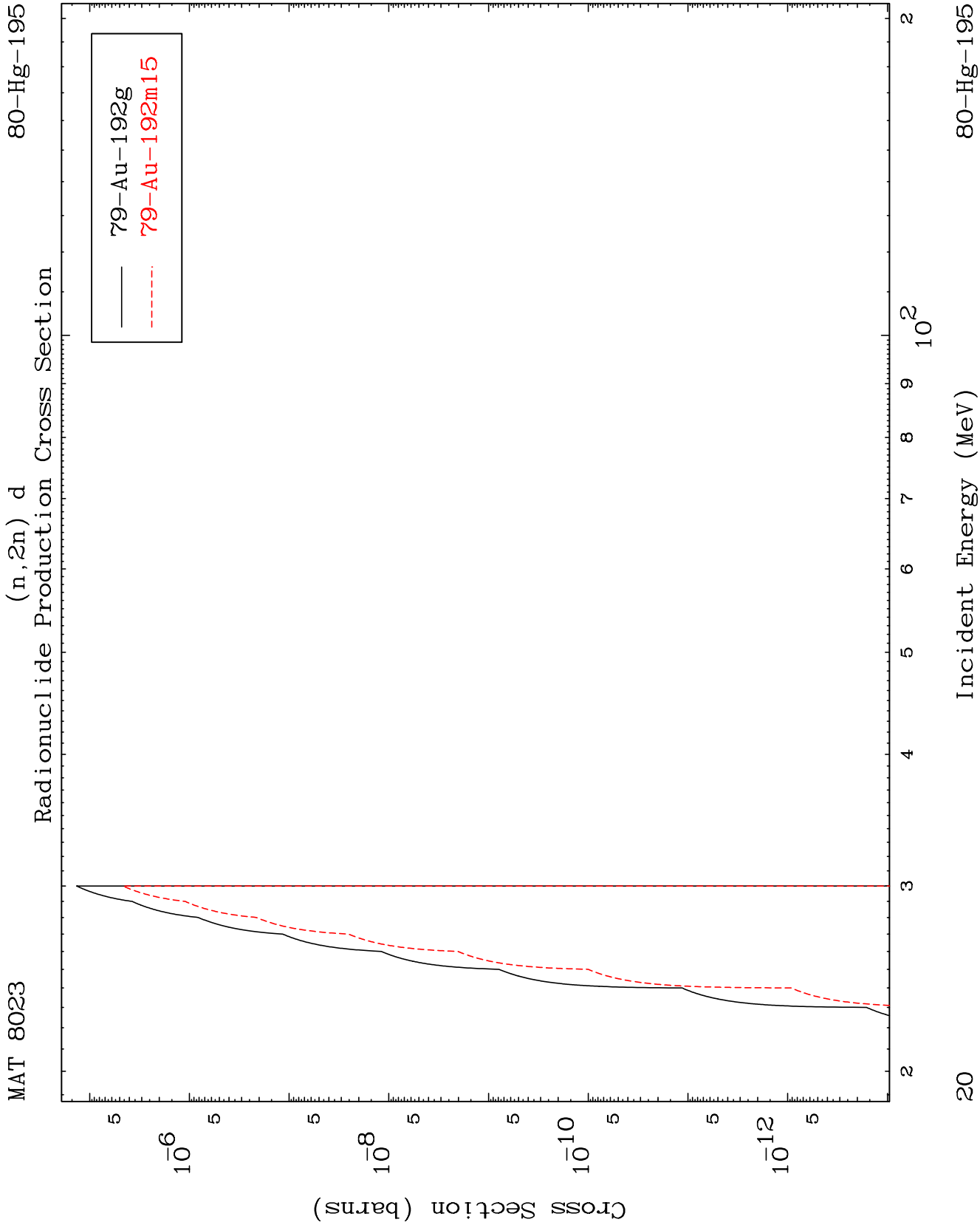
Inelastic
Radionuclide Production Cross Section



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80-Hg-195

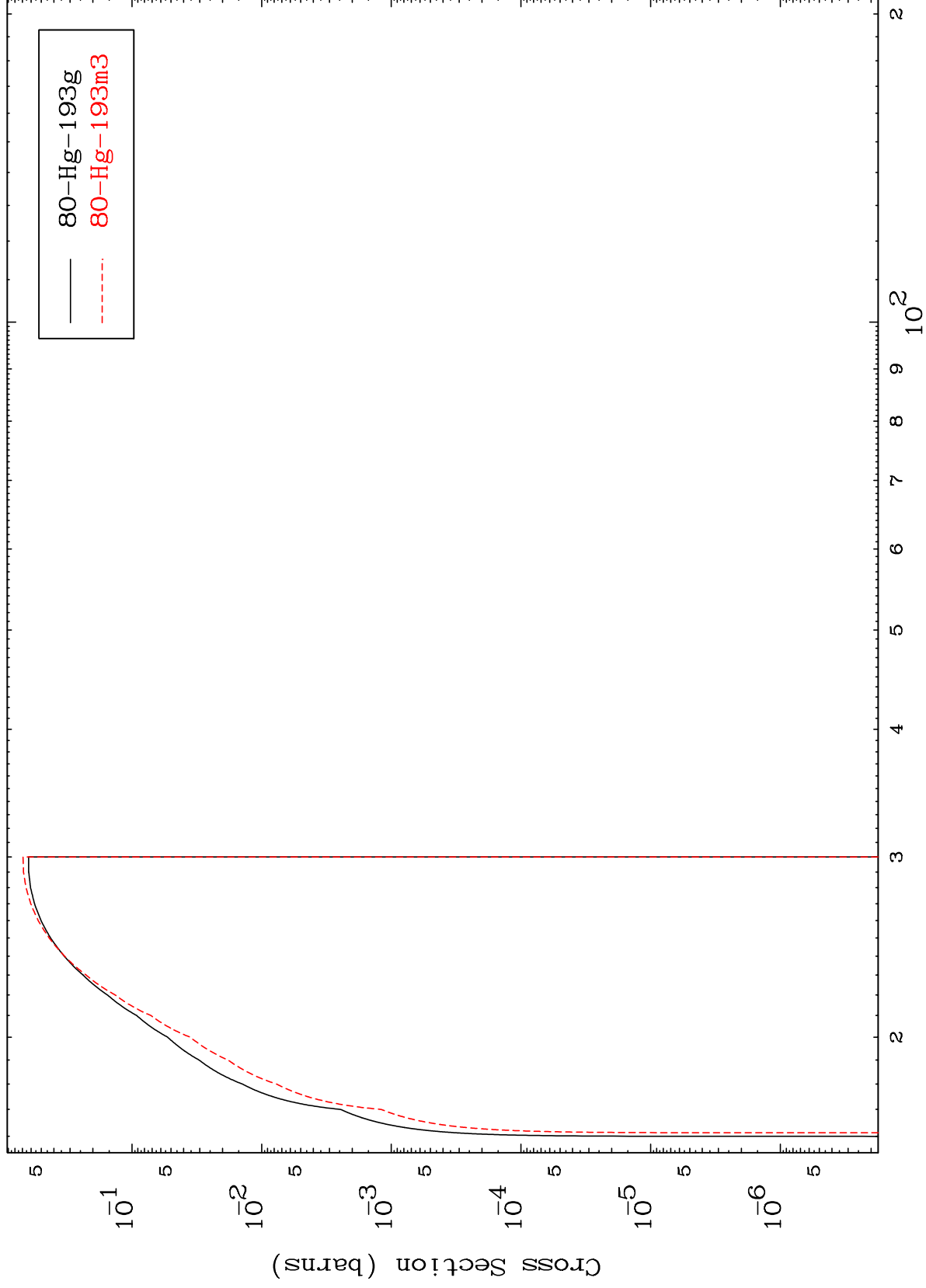
Incident Energy (MeV)



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80-Hg-195

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

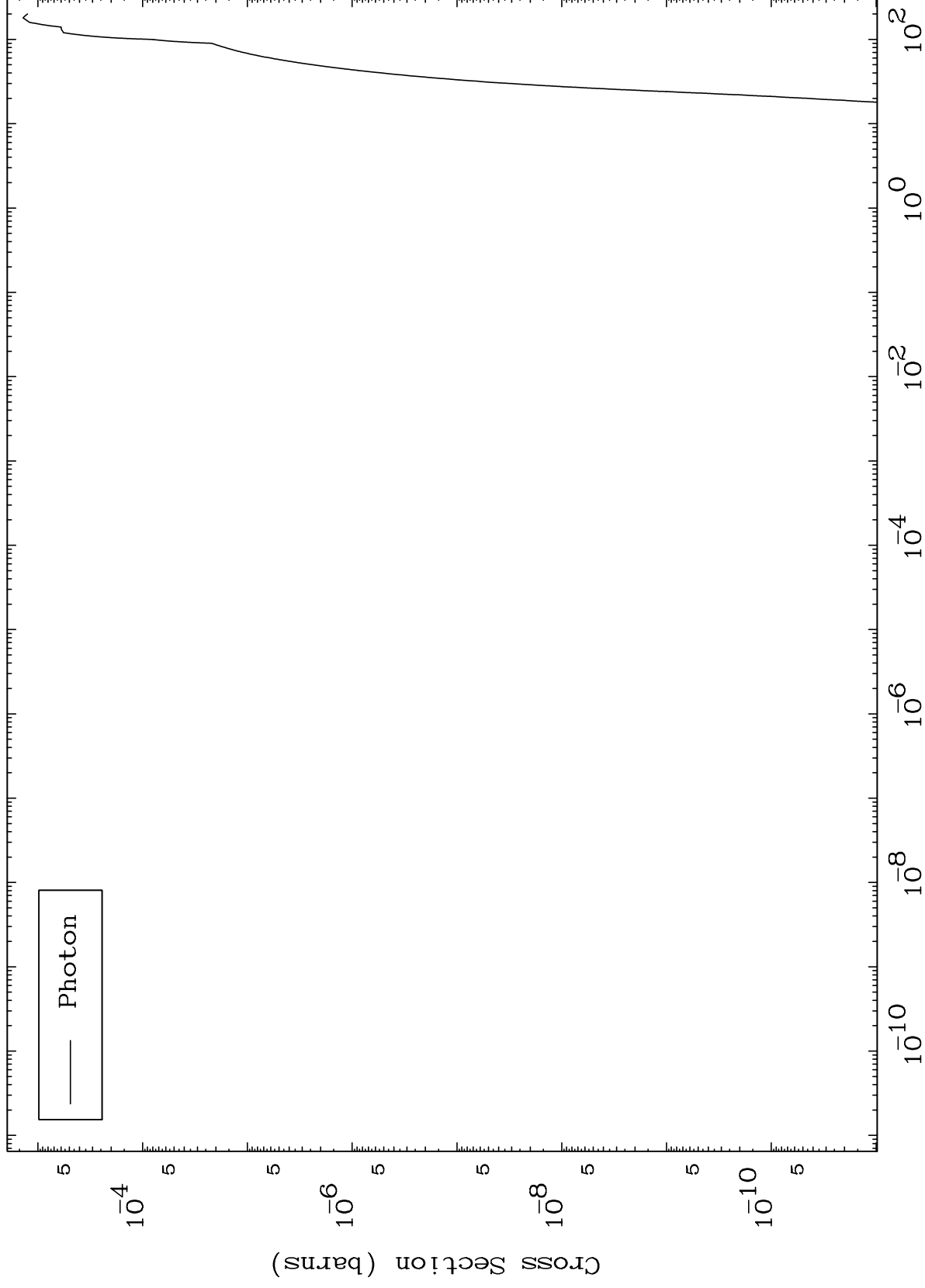
80-Hg-195

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Fission

80-Hg-195

Radionuclide Production Cross Section

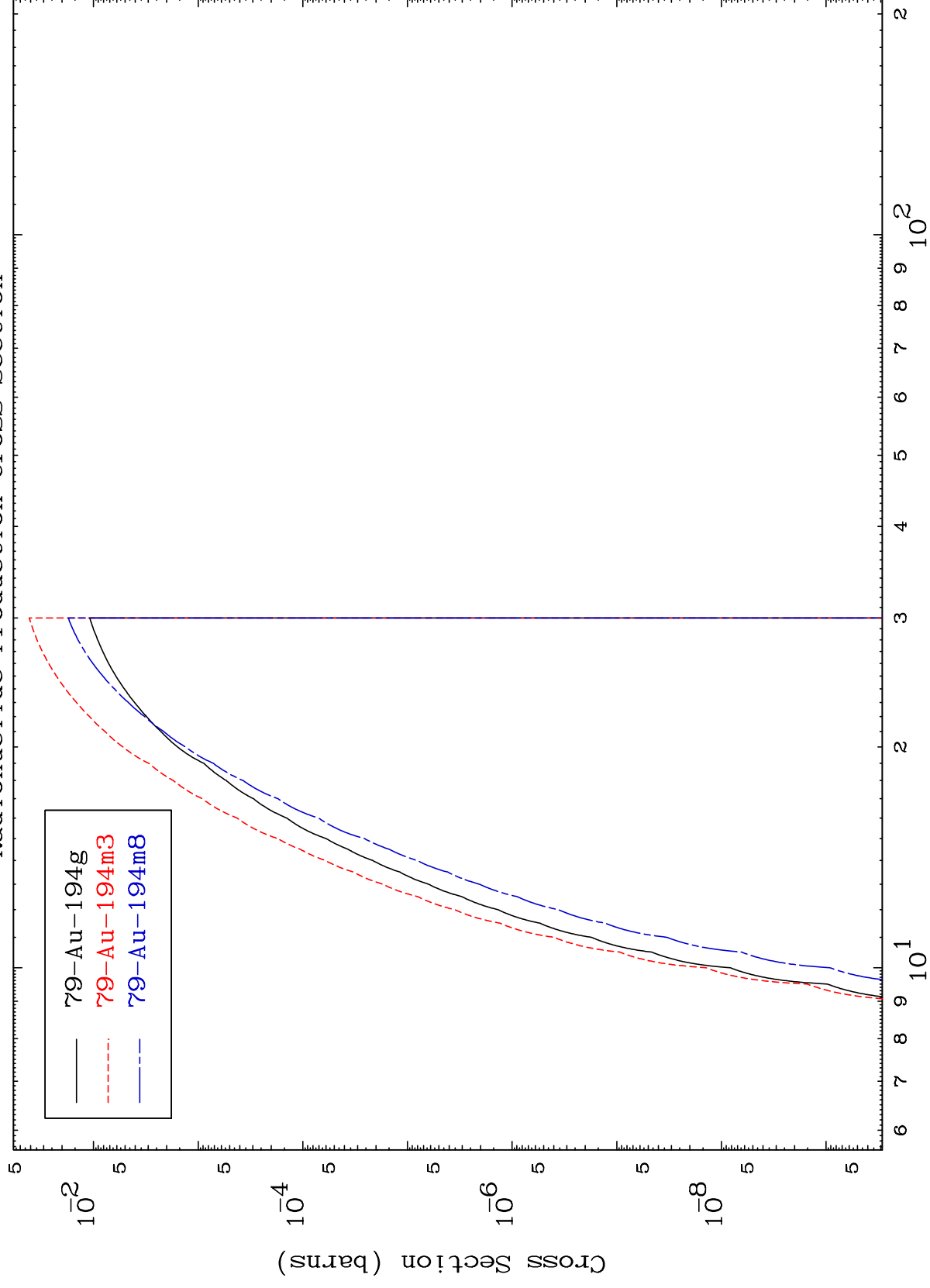


22

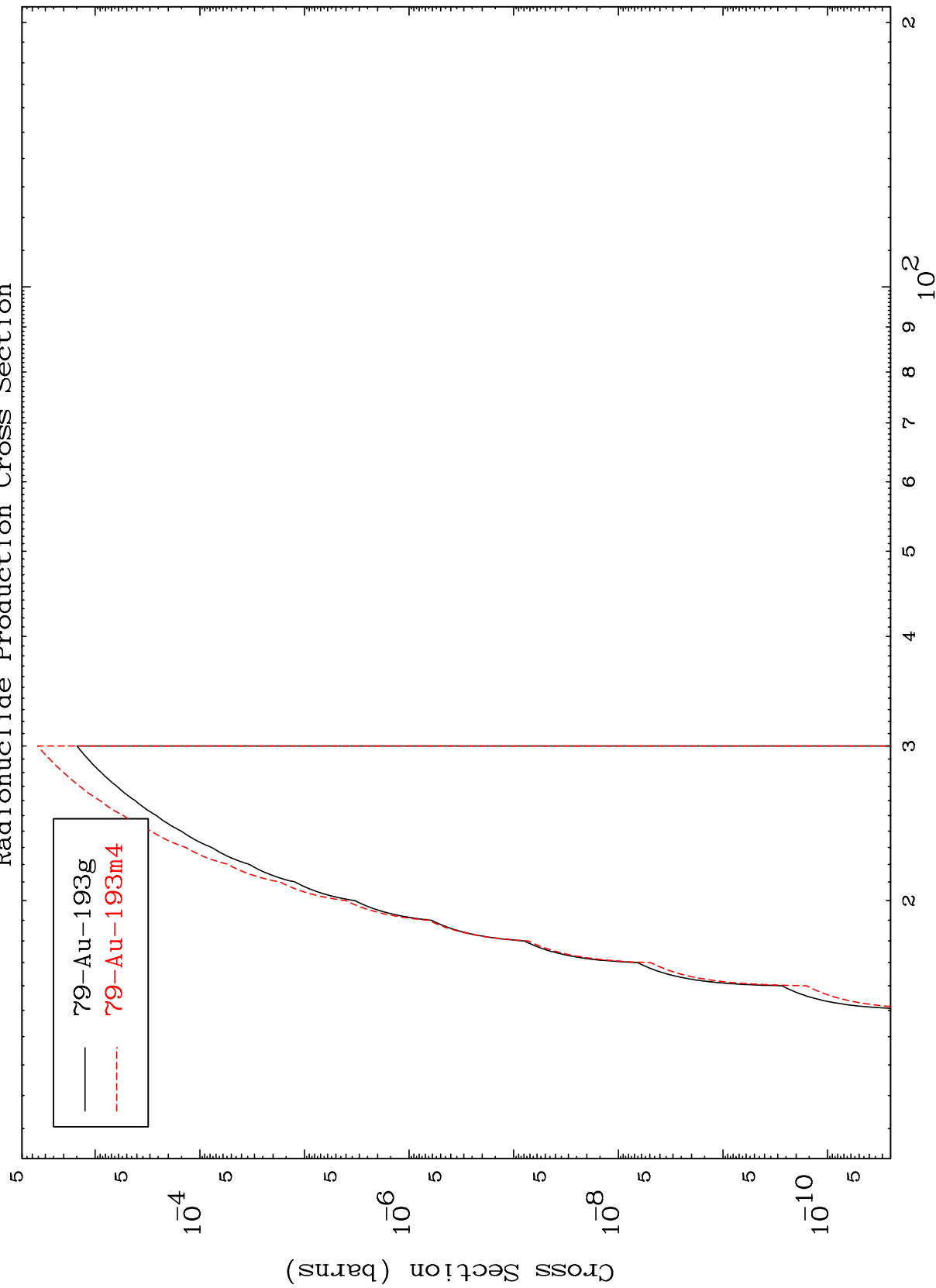
Incident Energy (MeV)

80-Hg-195

(n, n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,n') d

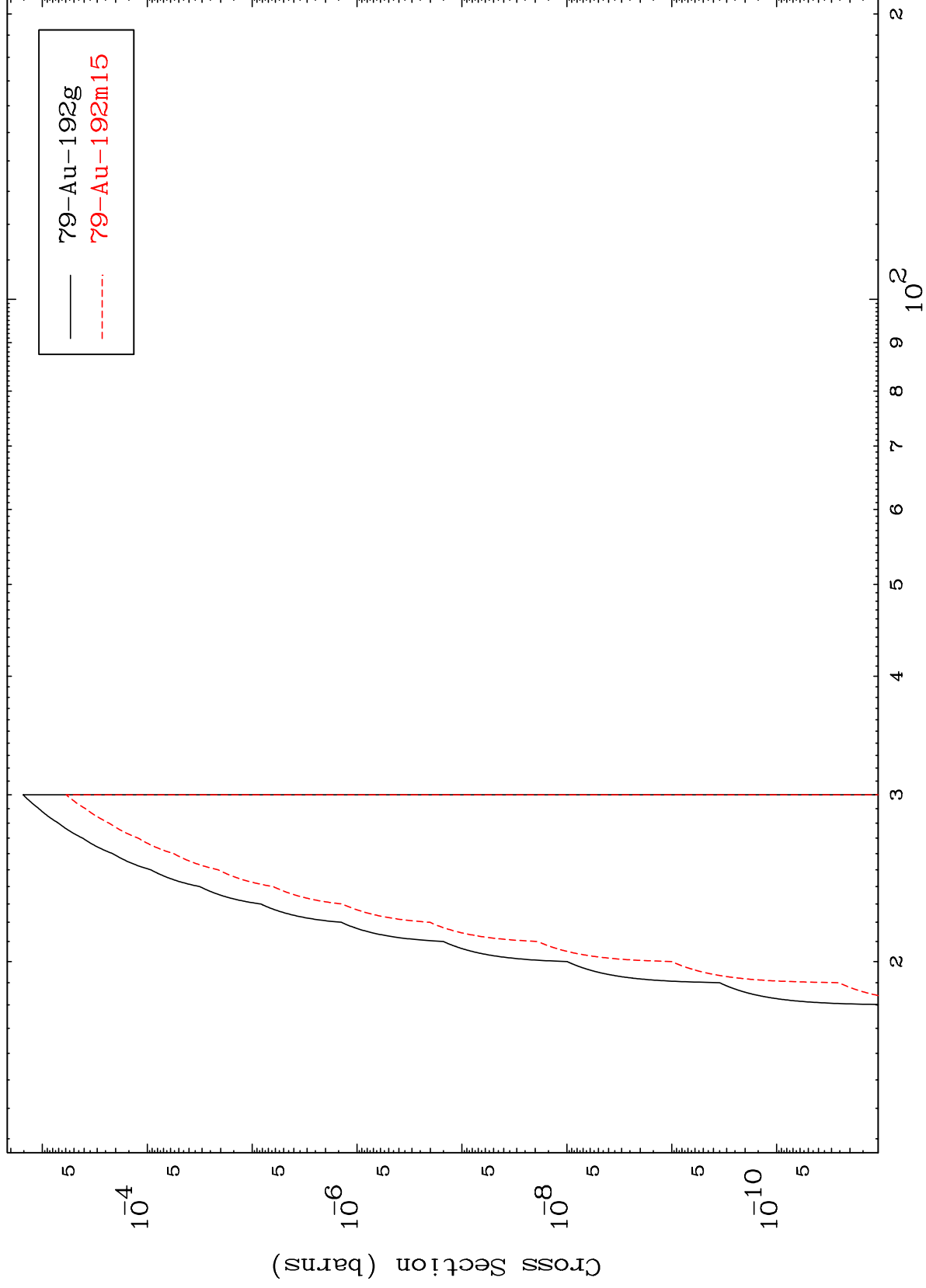


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(n,n') t

80-Hg-195

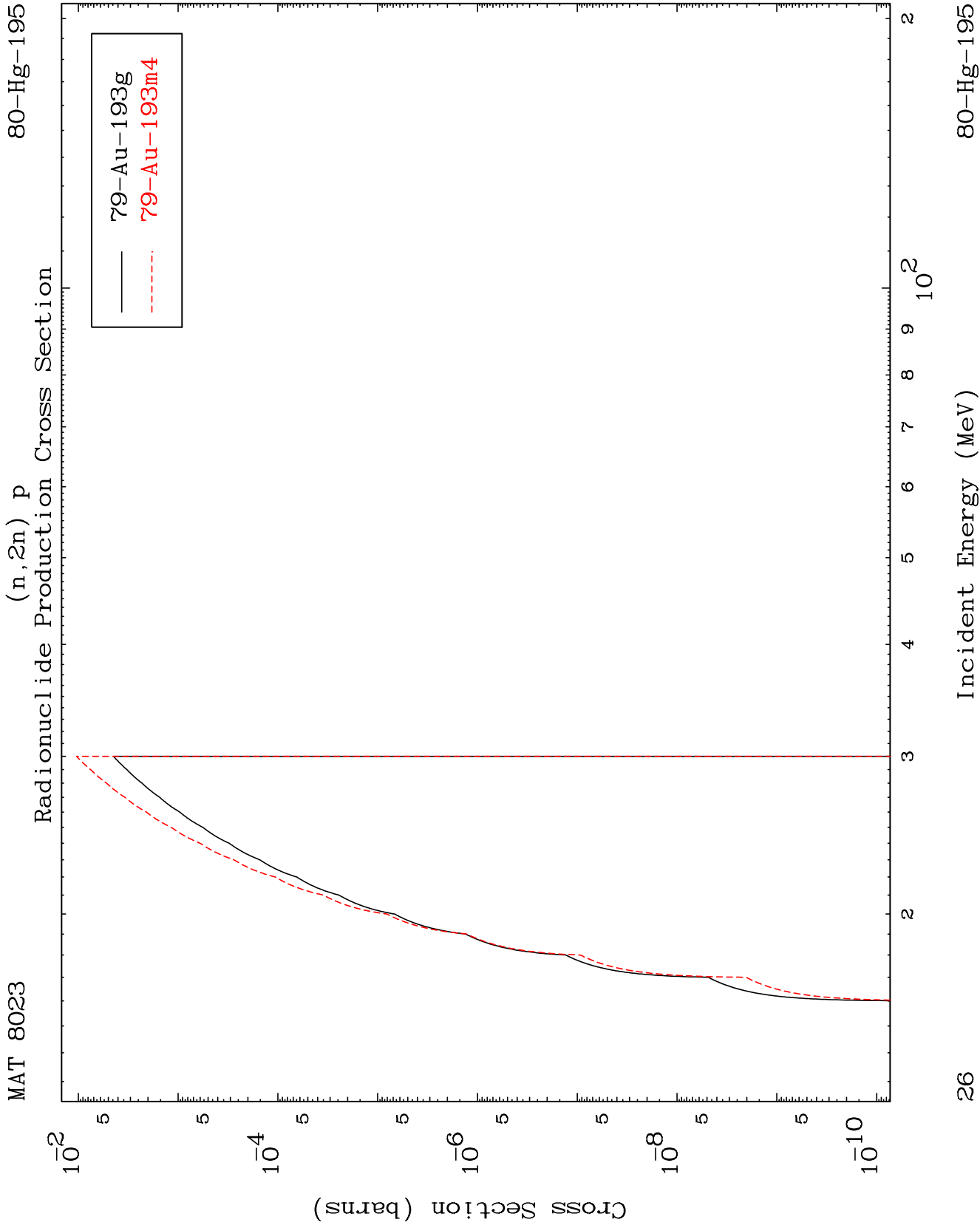
Radionuclide Production Cross Section



25

Incident Energy (MeV)

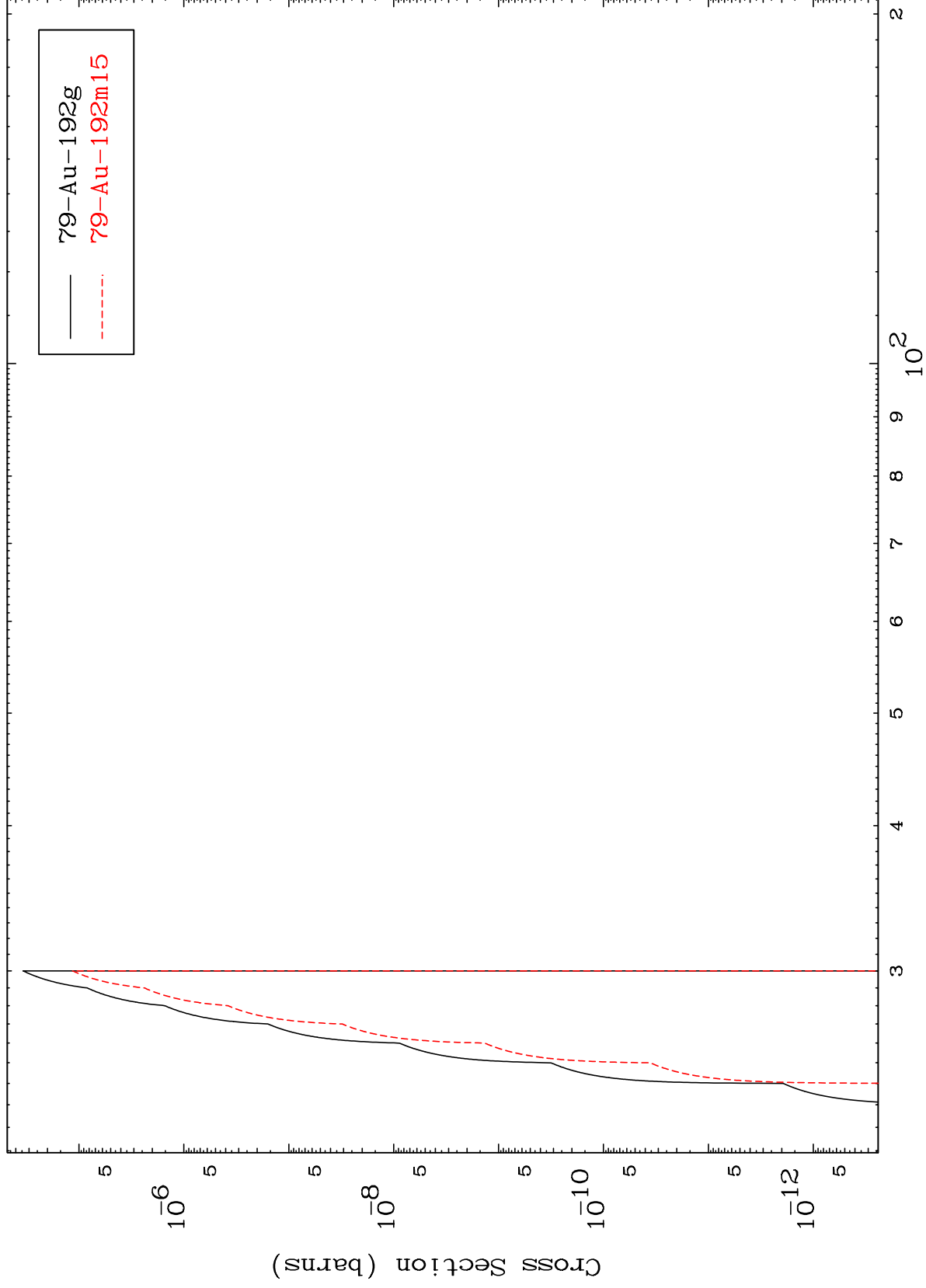
80-Hg-195



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80-Hg-195

(n,3n) p
Radionuclide Production Cross Section

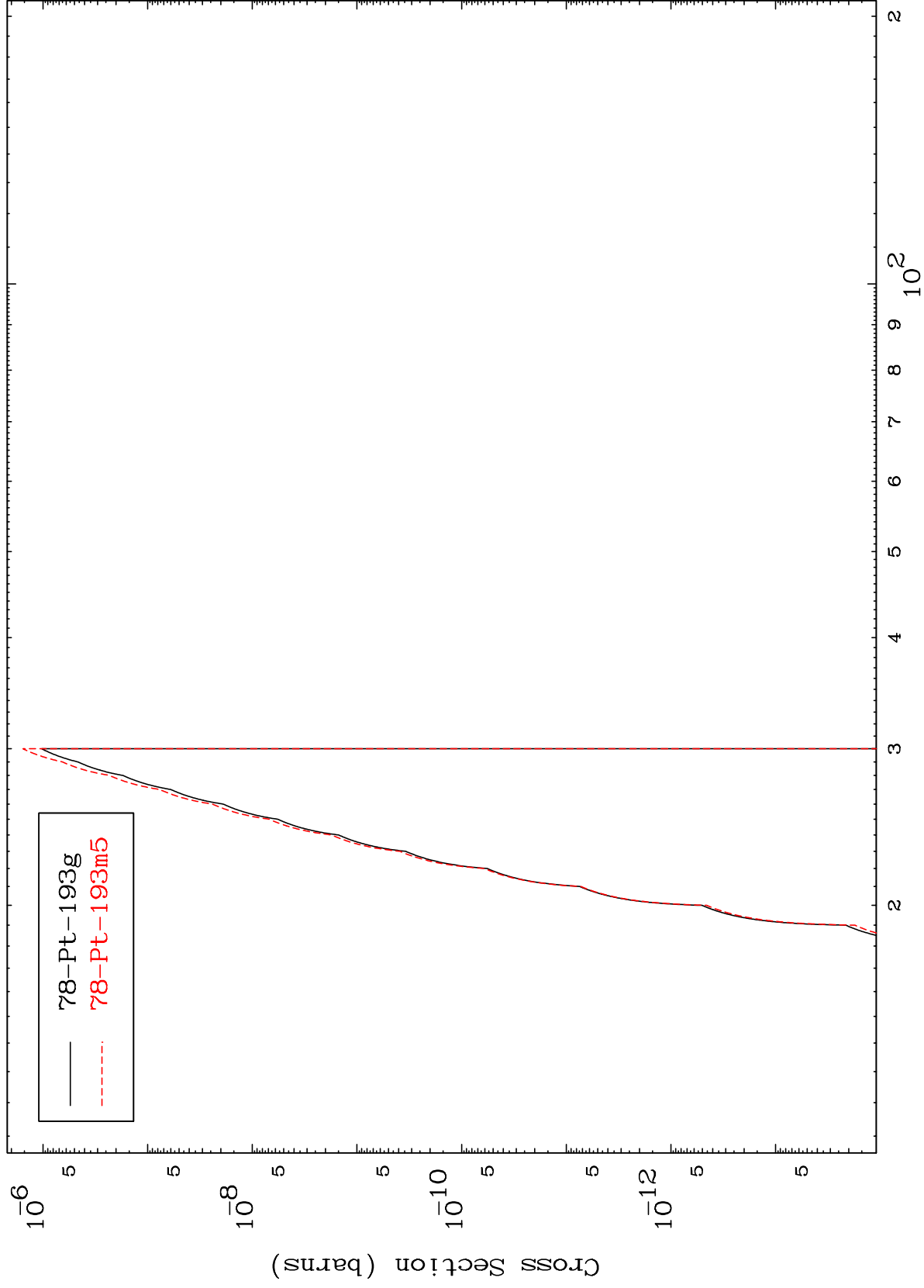


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Incident Energy (MeV)

80-Hg-195

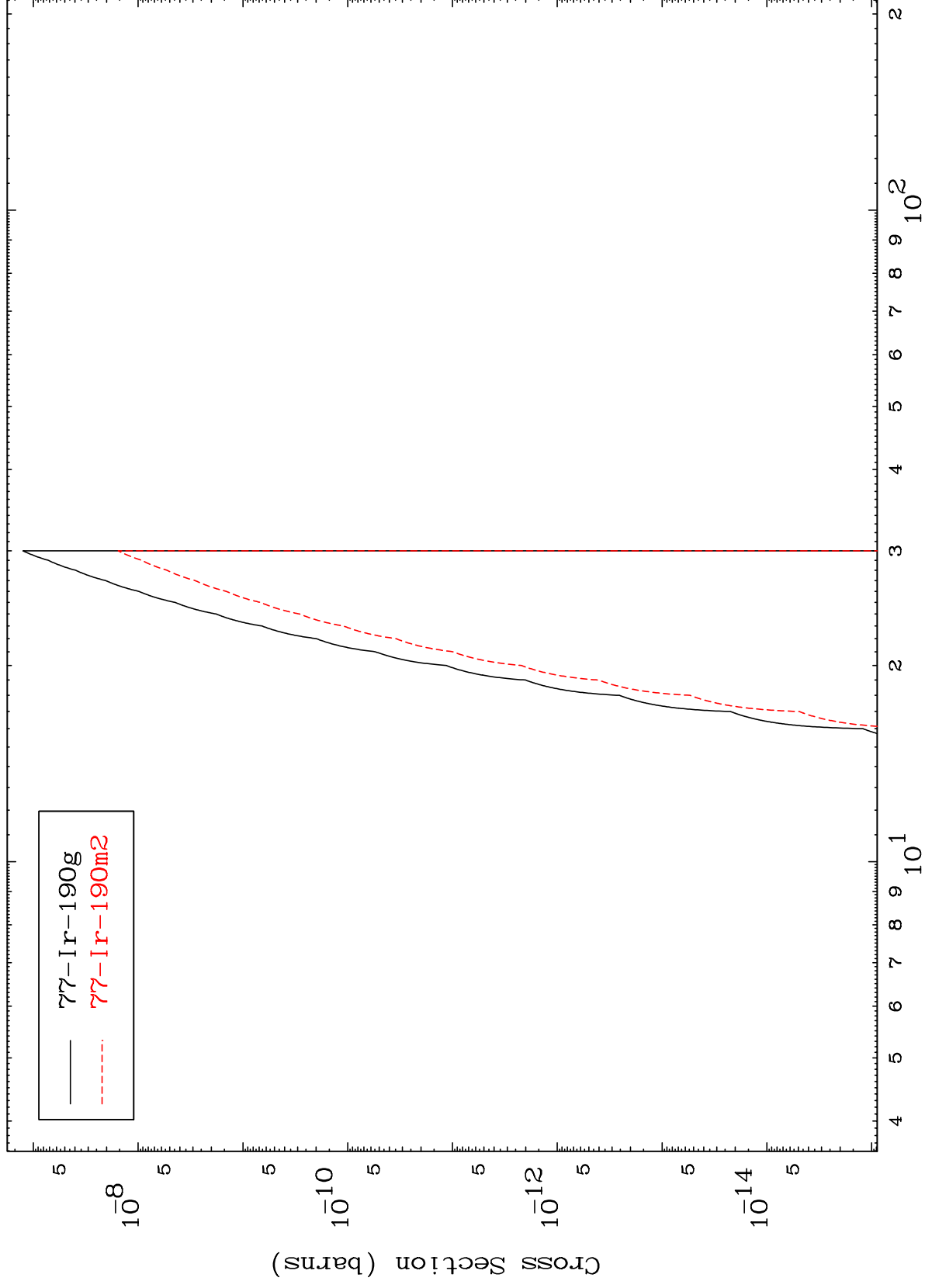
Radionuclide Production Cross Section
(n,2n) p



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80-Hg-195

(n,n') p α
Radionuclide Production Cross Section



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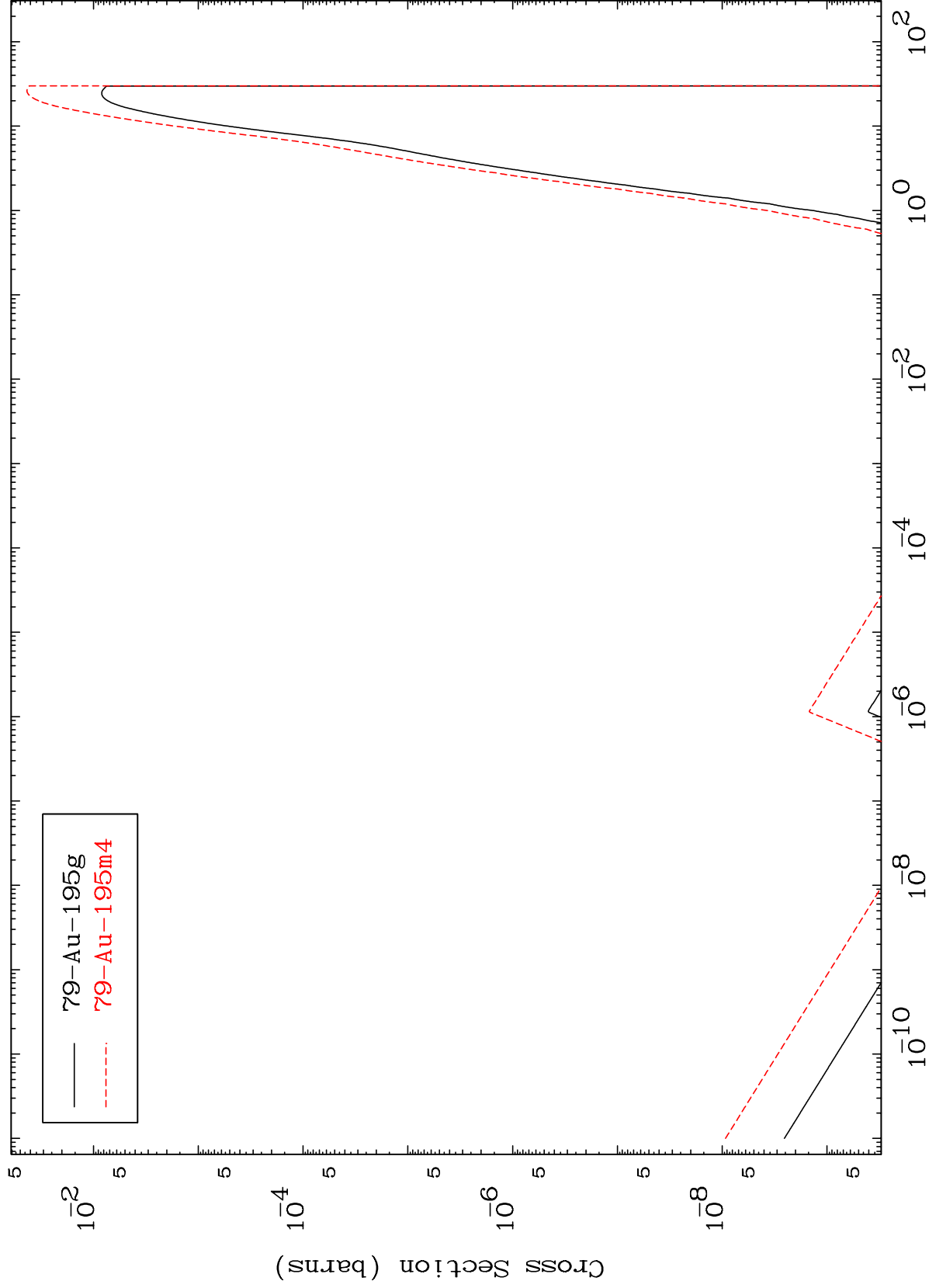
Incident Energy (MeV)

80-Hg-195

MAT 8023

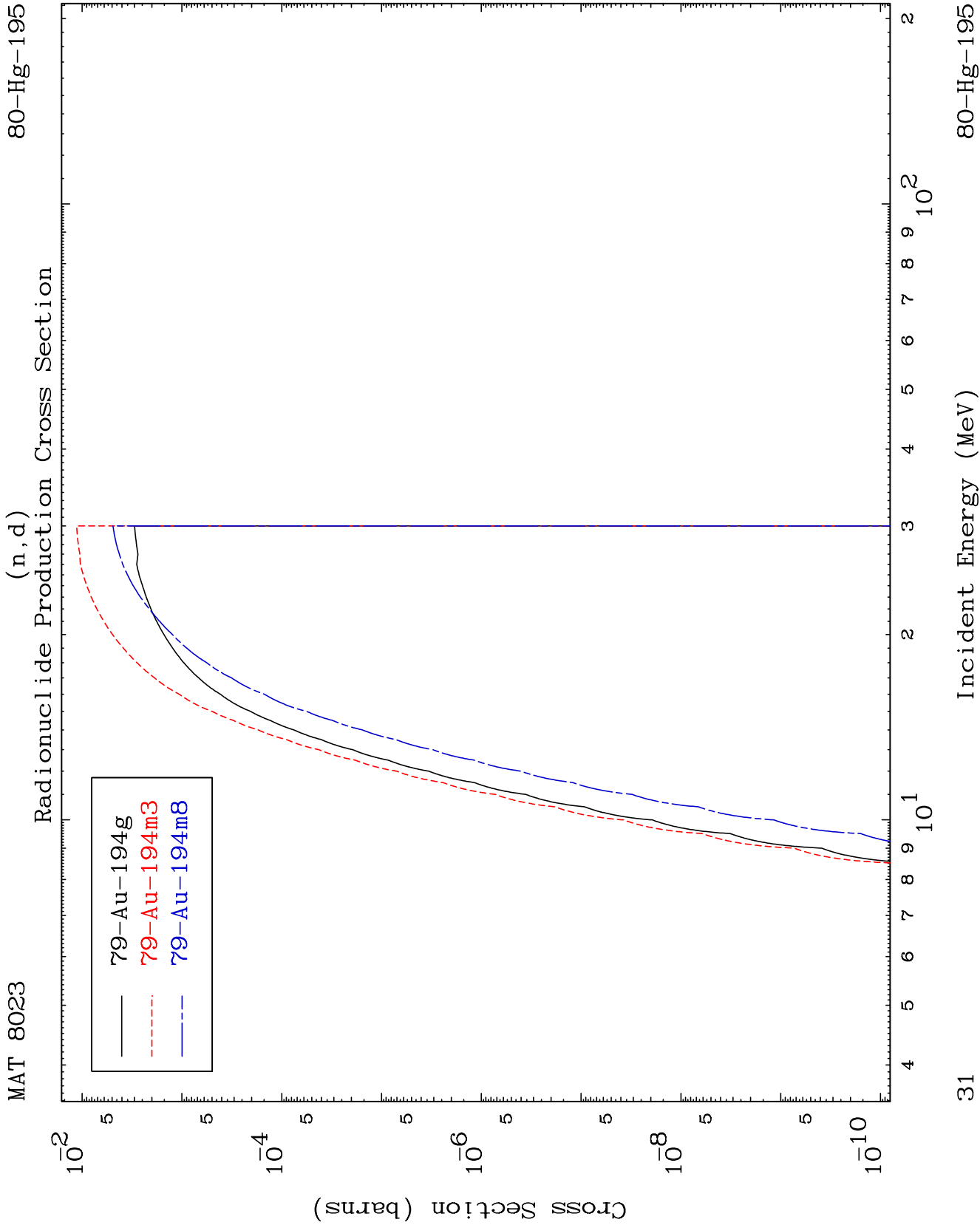
80-Hg-195

Radionuclide Production Cross Section
(n,p)



30

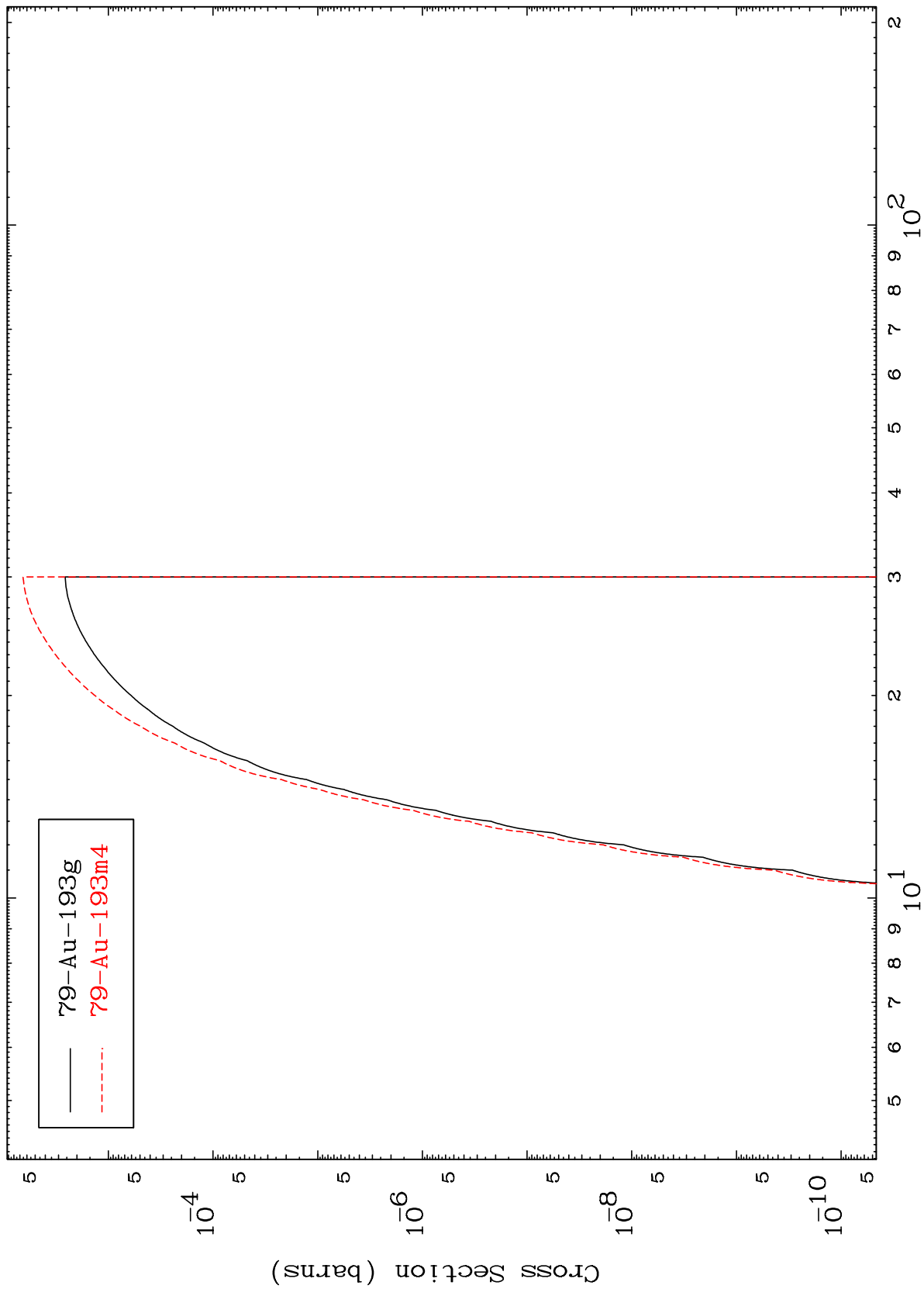
80-Hg-195



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80-Hg-195

Radionuclide Production Cross Section

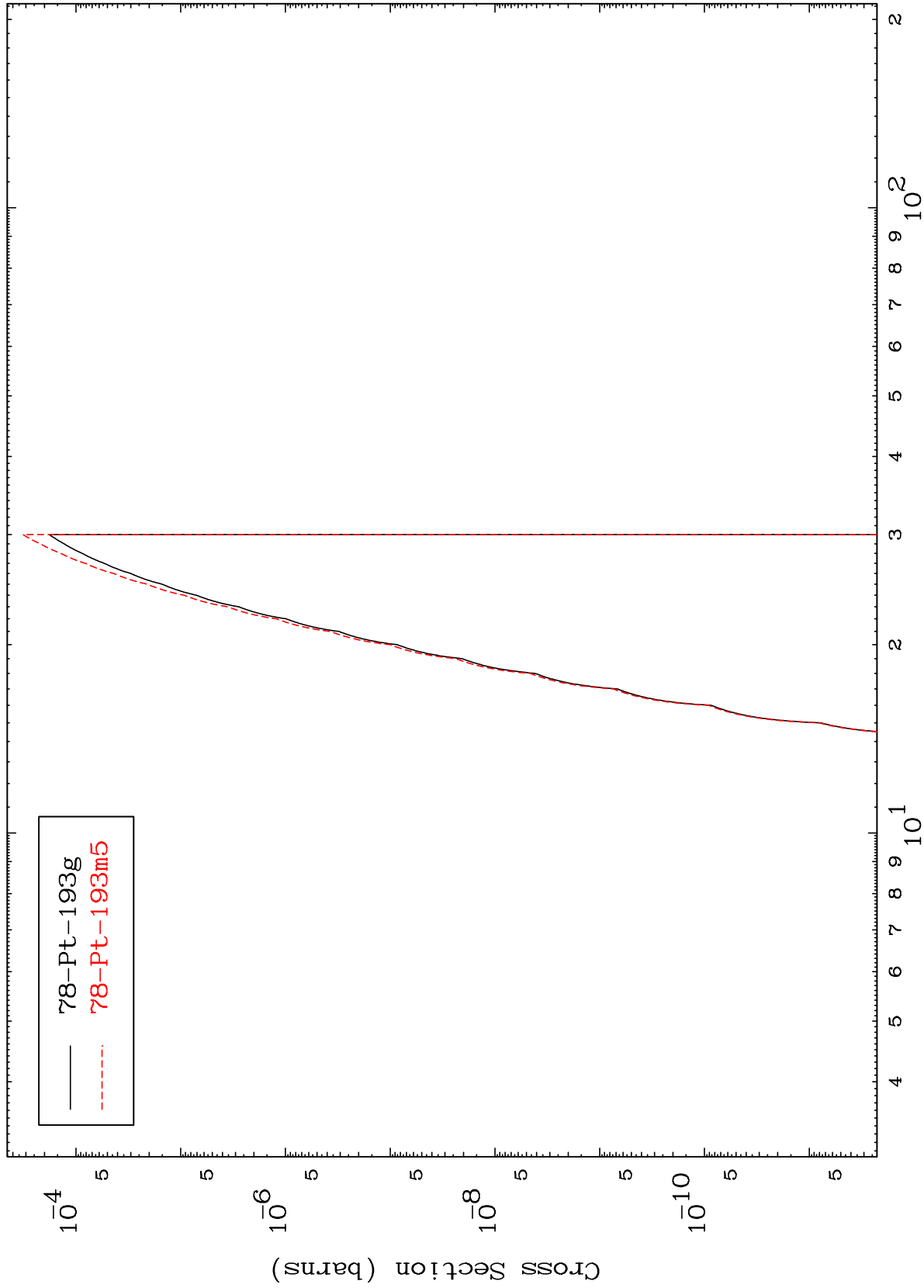


Incident Energy (MeV)

80-Hg-195

32

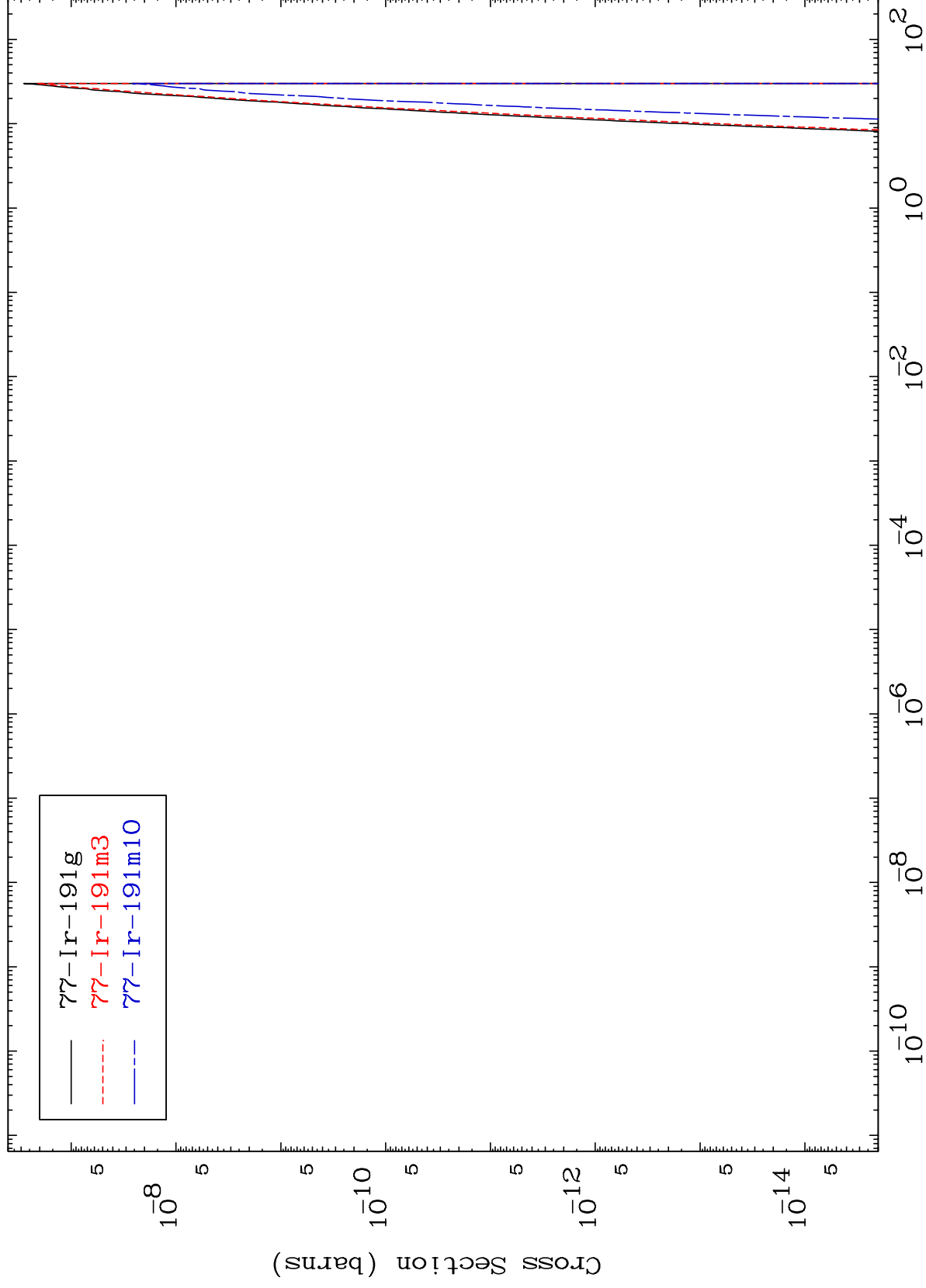
Radionuclide Production Cross Section
(n,He-3)



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80-Hg-195

(n,p) α
Radionuclide Production Cross Section



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80-Hg-195

