

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

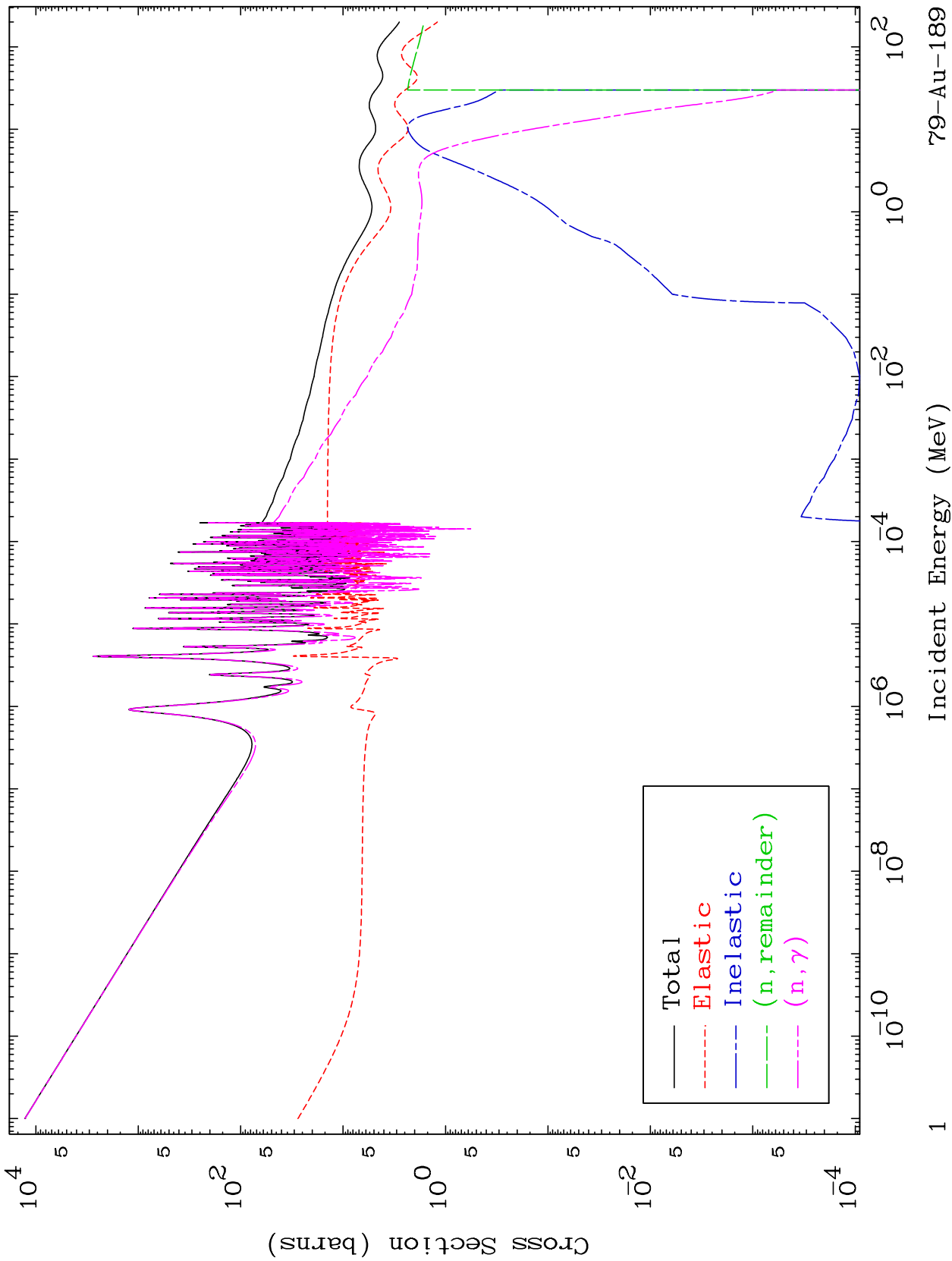
Press Mouse Button to Start

MAT 7902

Major

293 Kelvin Cross Sections

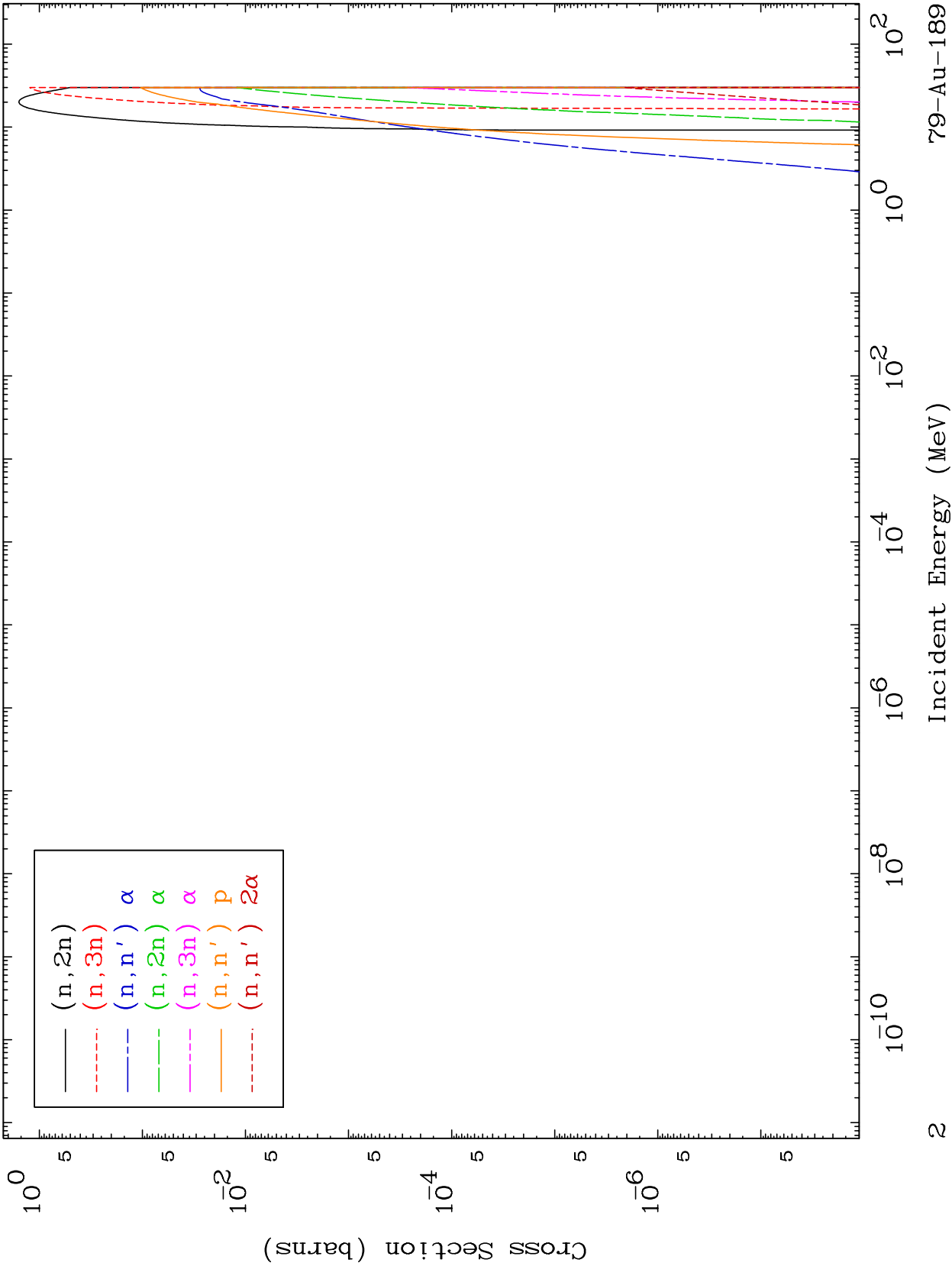
79-Au-189



MAT 7902

Neutron Production
293 Kelvin Cross Sections

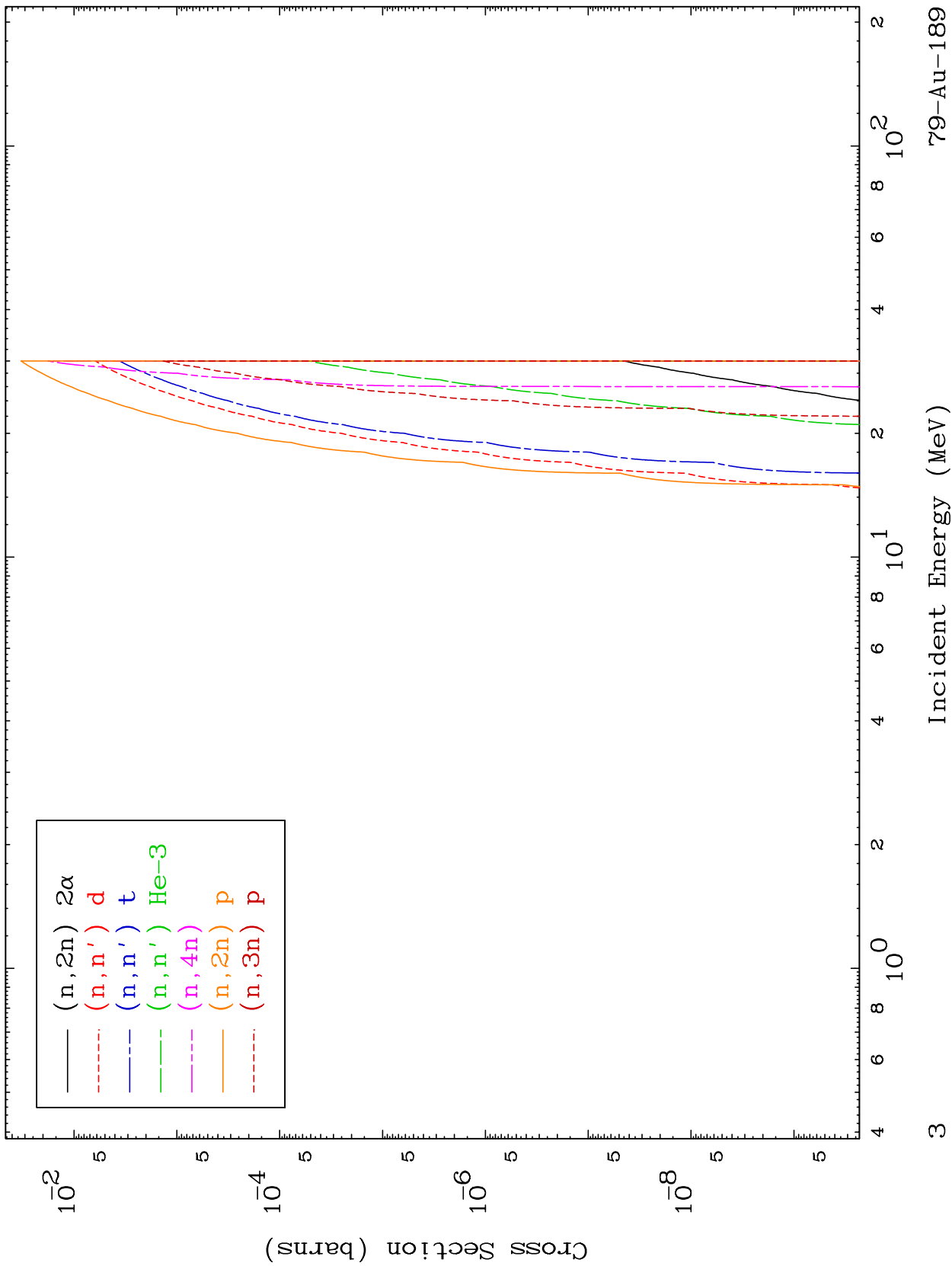
79-Au-189



MAT 7902

Neutron Production
293 Kelvin Cross Sections

79-Au-189



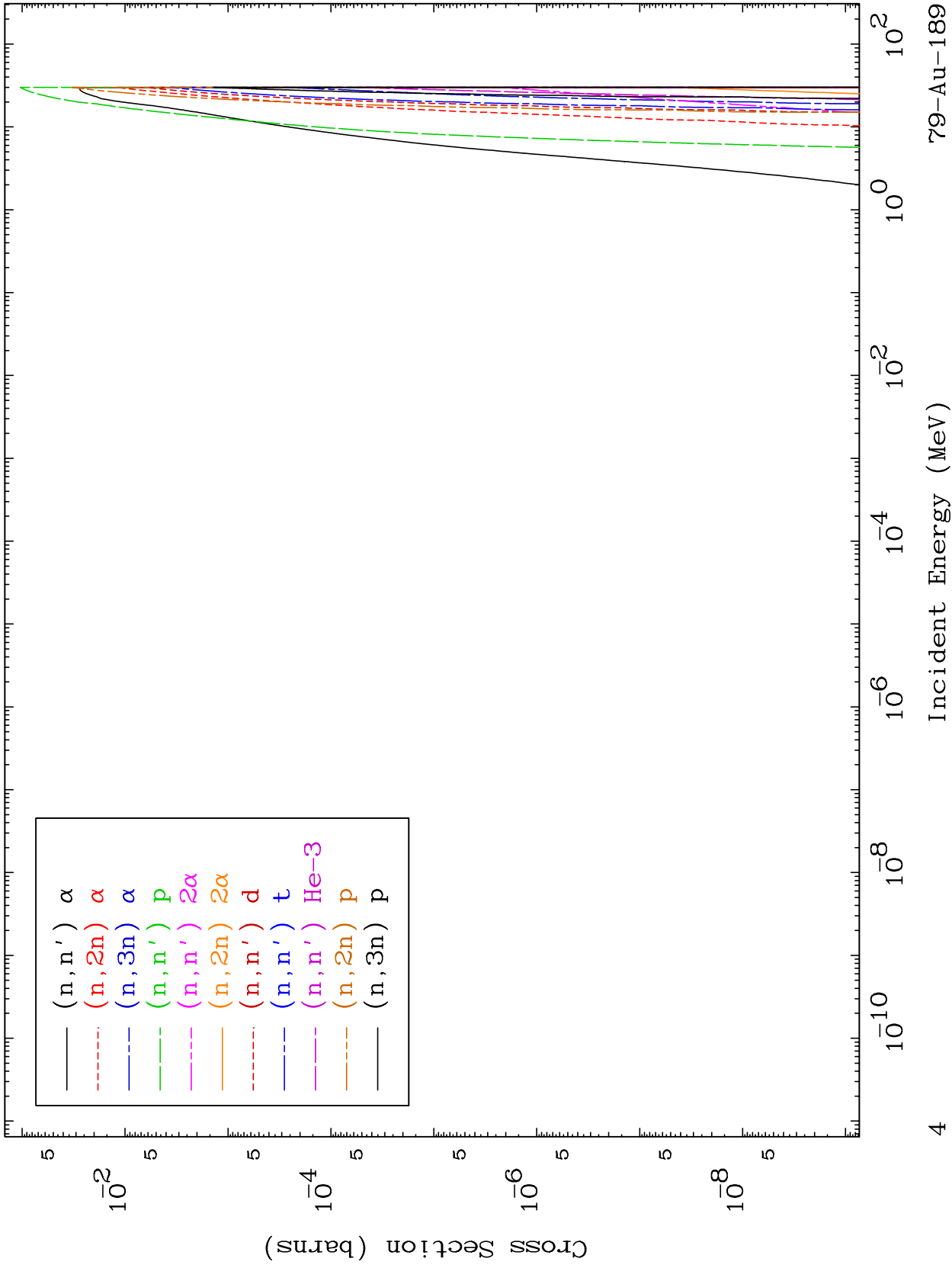
3

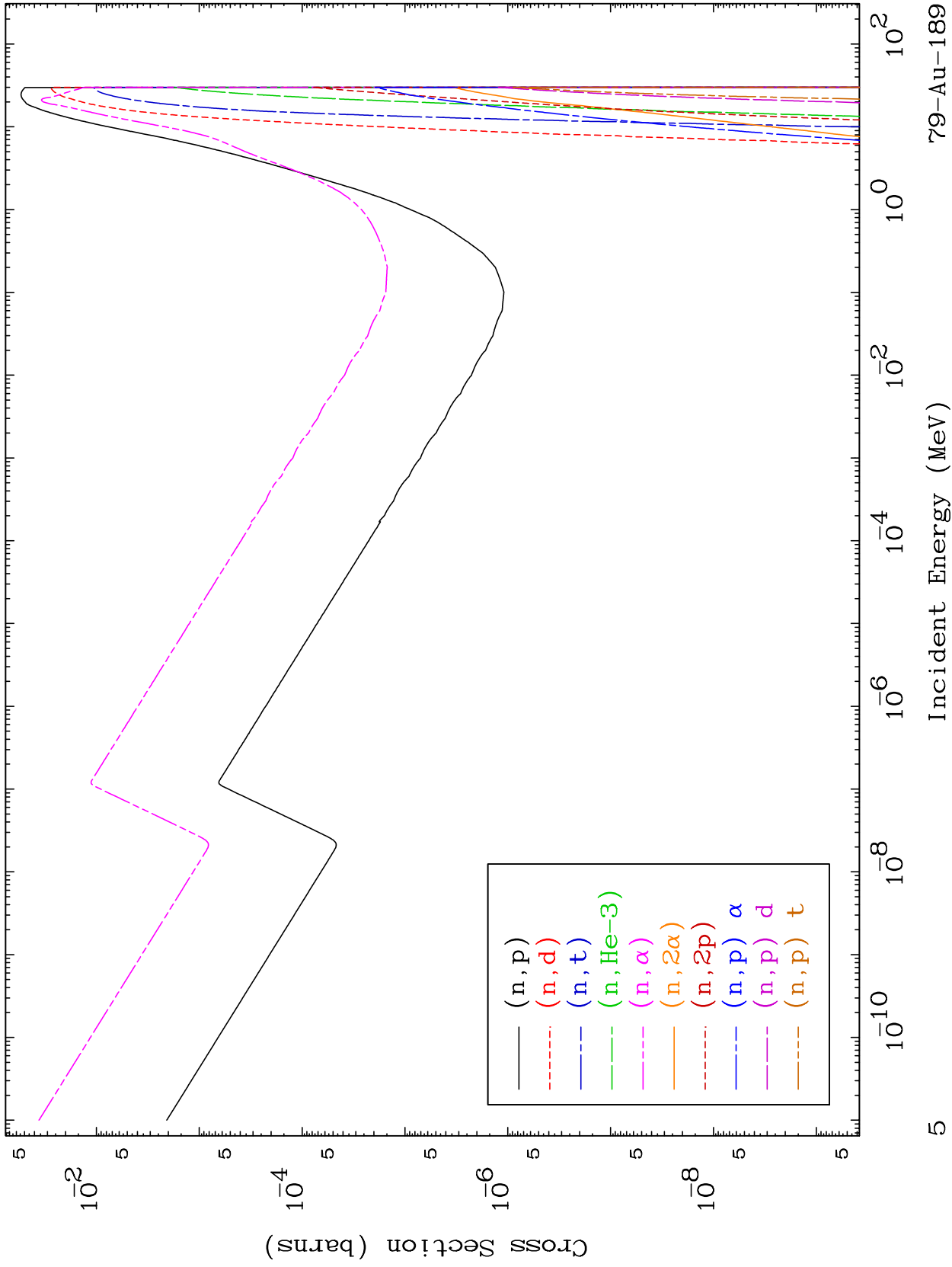
79-Au-189

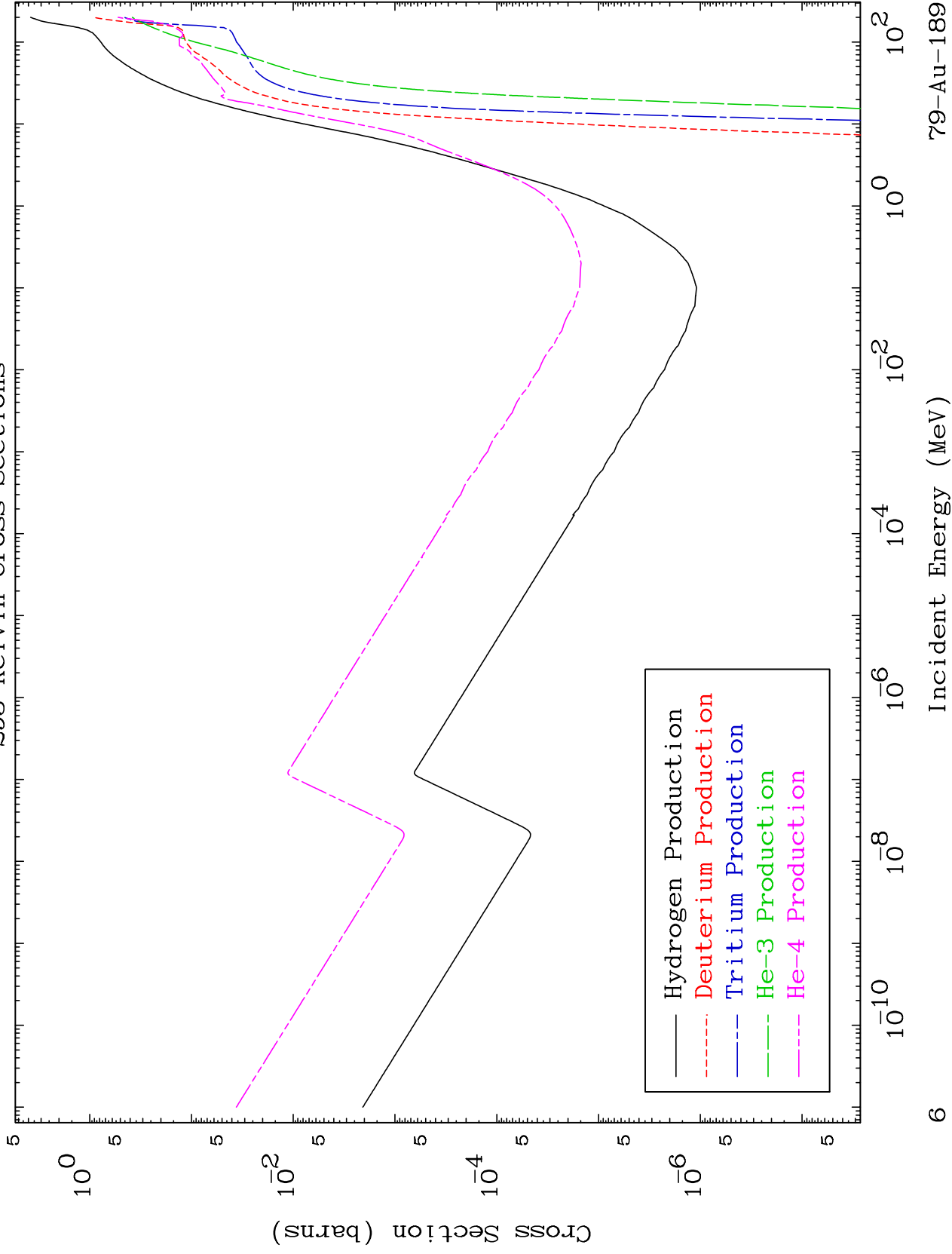
MAT 7902

Charged Particle
293 Kelvin Cross Sections

79-Au-189



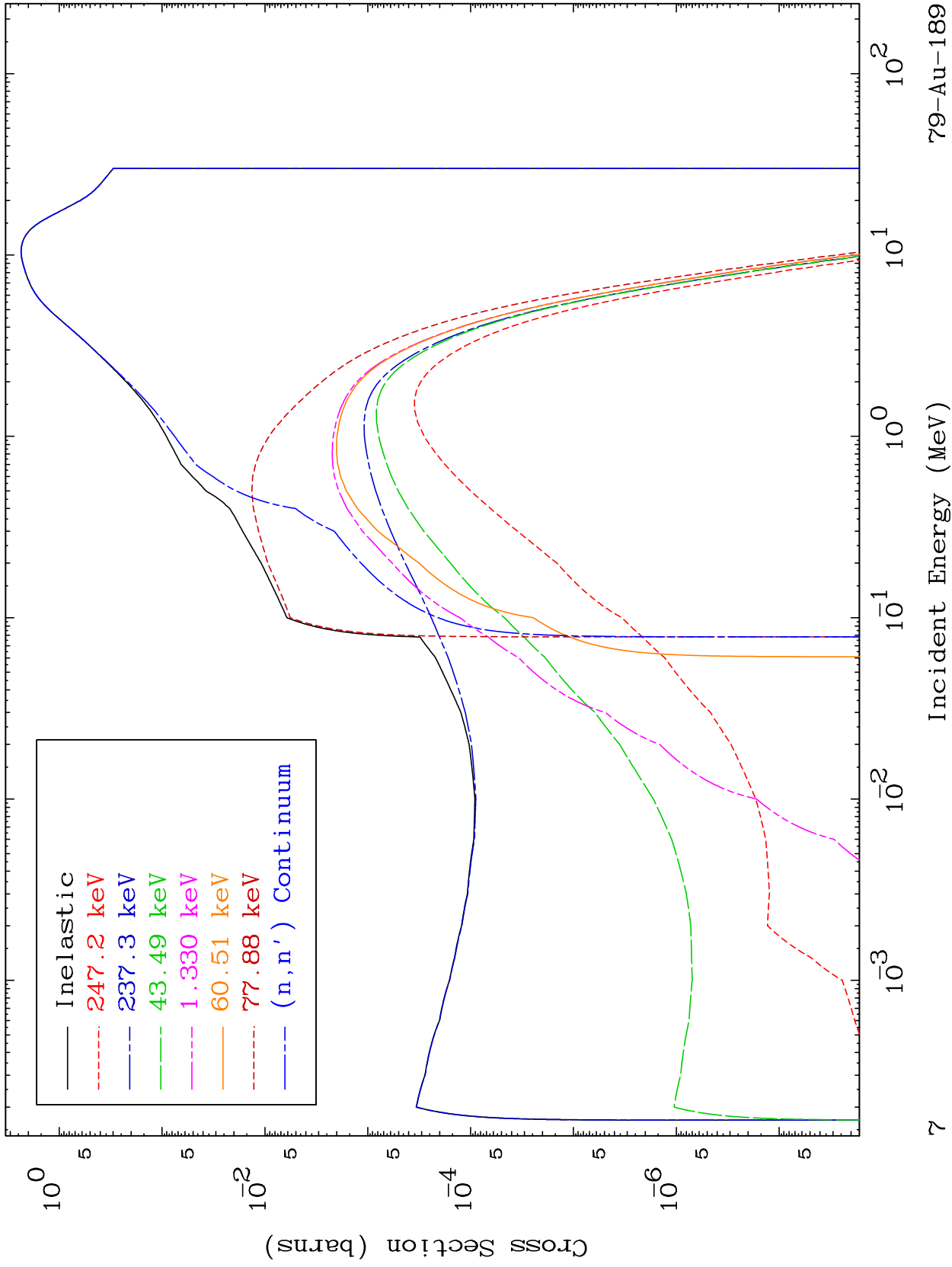




MAT 7902

(n,n') Level
293 Kelvin Cross Sections

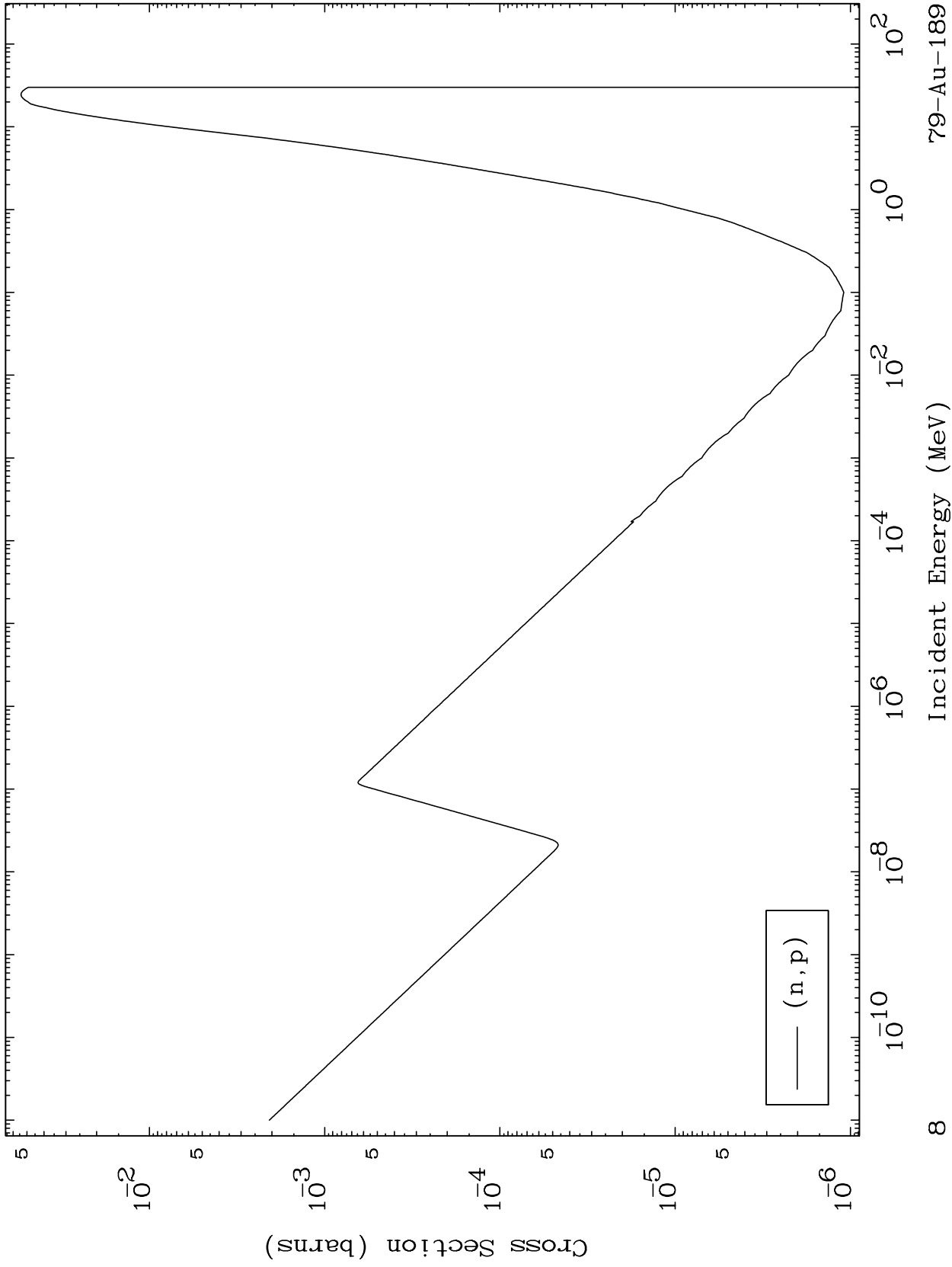
79-Au-189



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(n,p) Levels
293 Kelvin Cross Sections

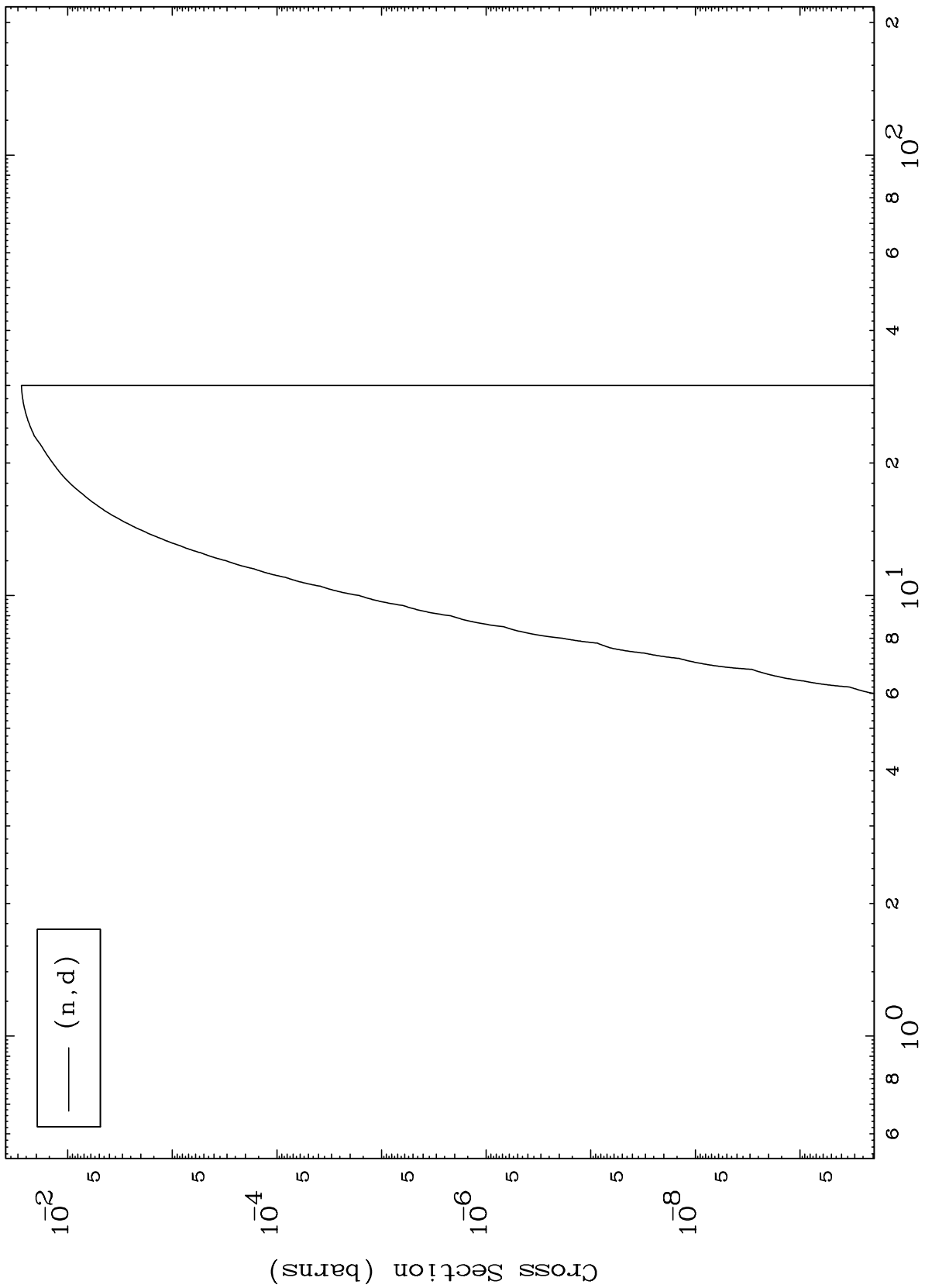
79-Au-189



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(n,d) Levels
293 Kelvin Cross Sections

79-Au-189



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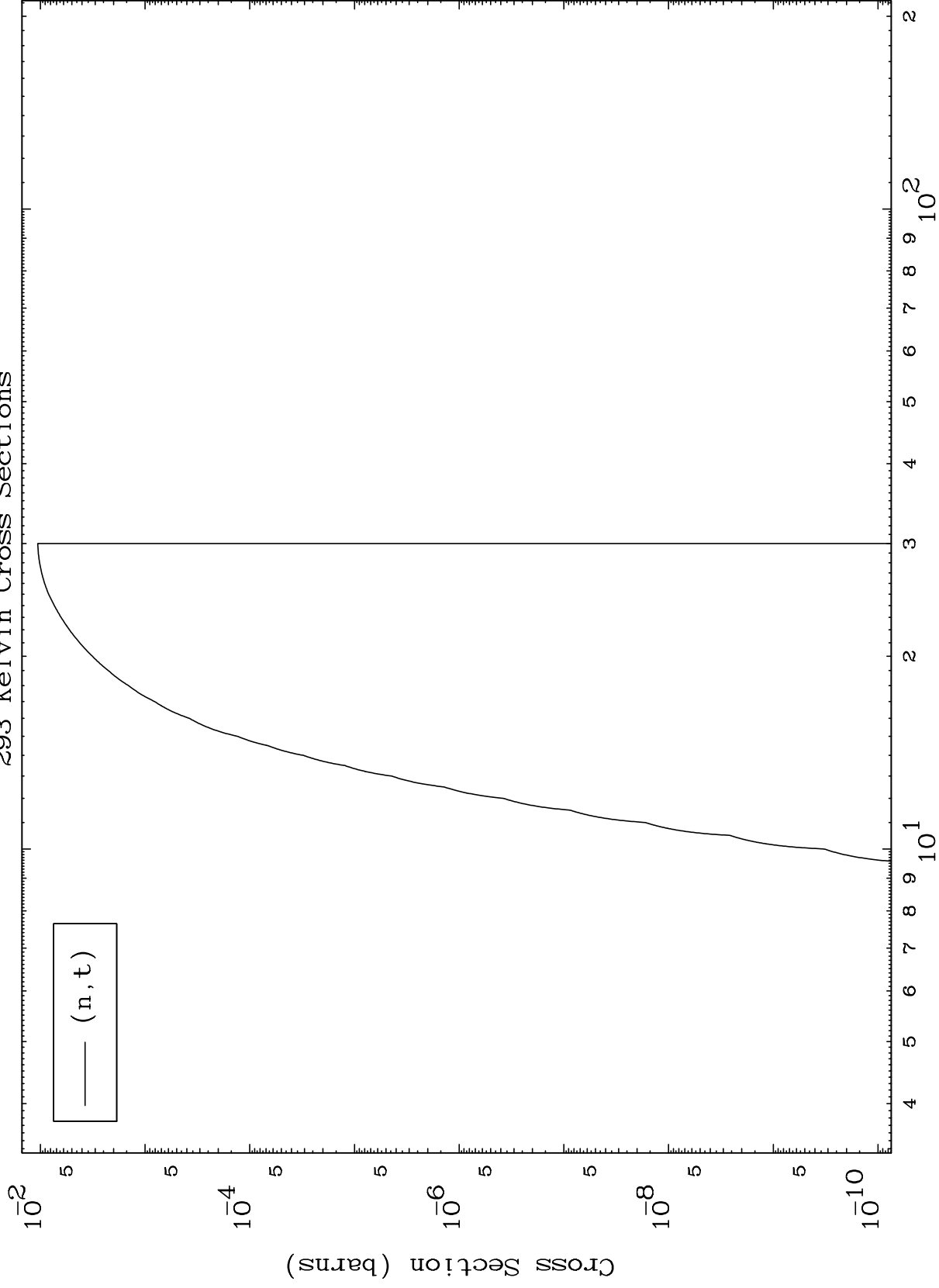
Incident Energy (MeV)

79-Au-189

MAT 7902

(n,t) Levels
293 Kelvin Cross Sections

79-Au-189



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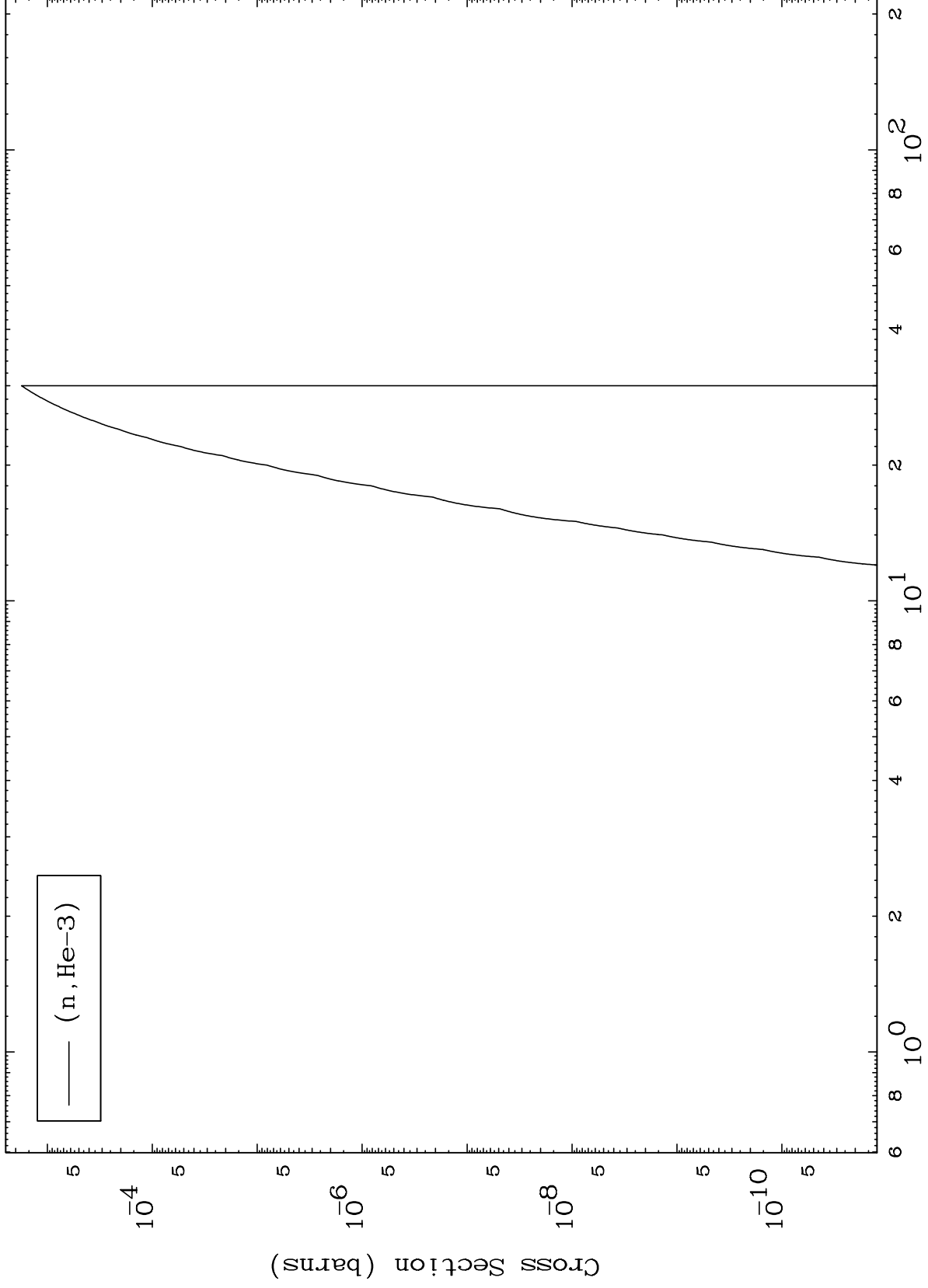
Incident Energy (MeV)

79-Au-189

MAT 7902

(n,He3) Levels
293 Kelvin Cross Sections

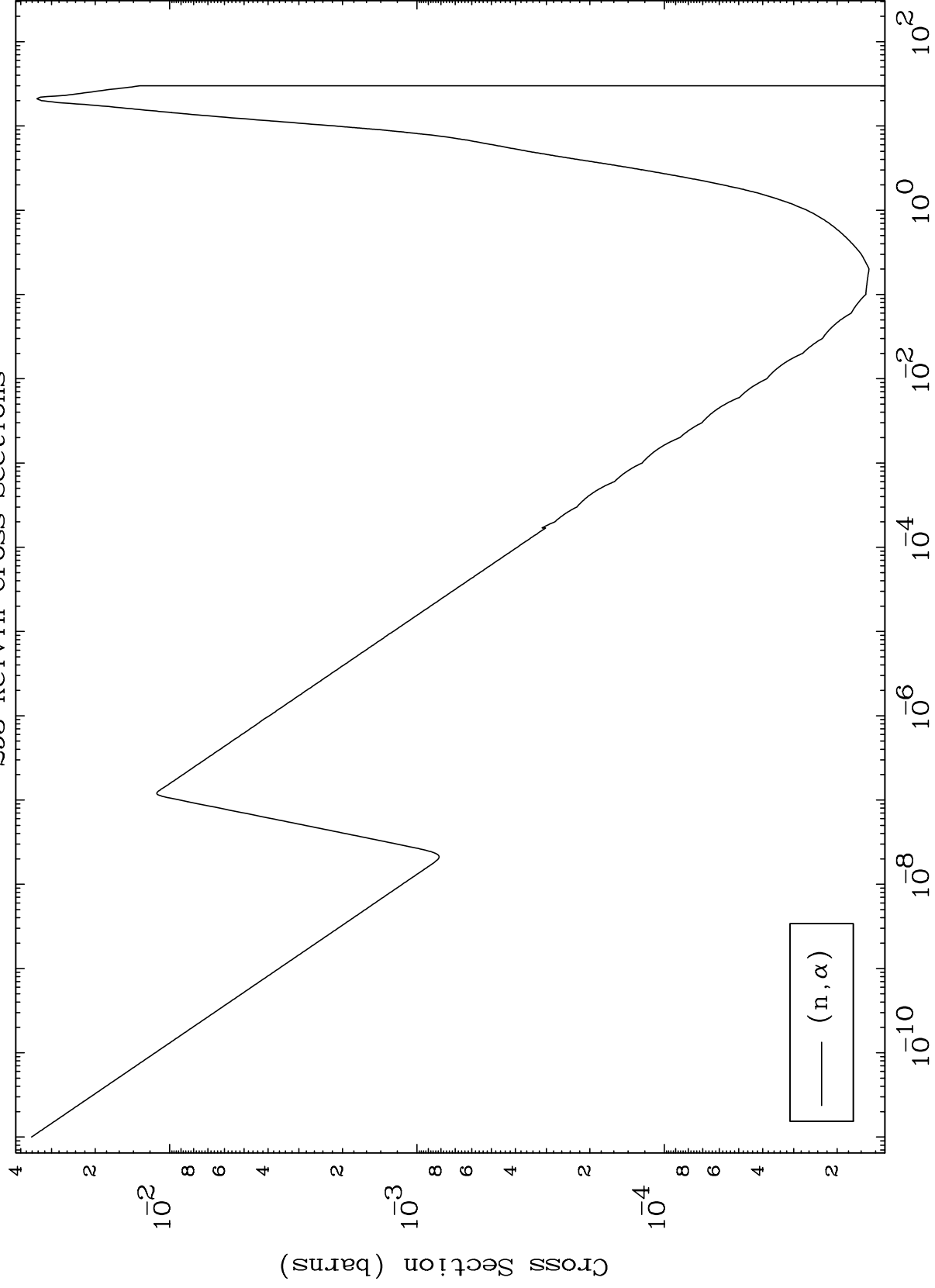
79-Au-189



MAT 7902

(n,α) Levels
293 Kelvin Cross Sections

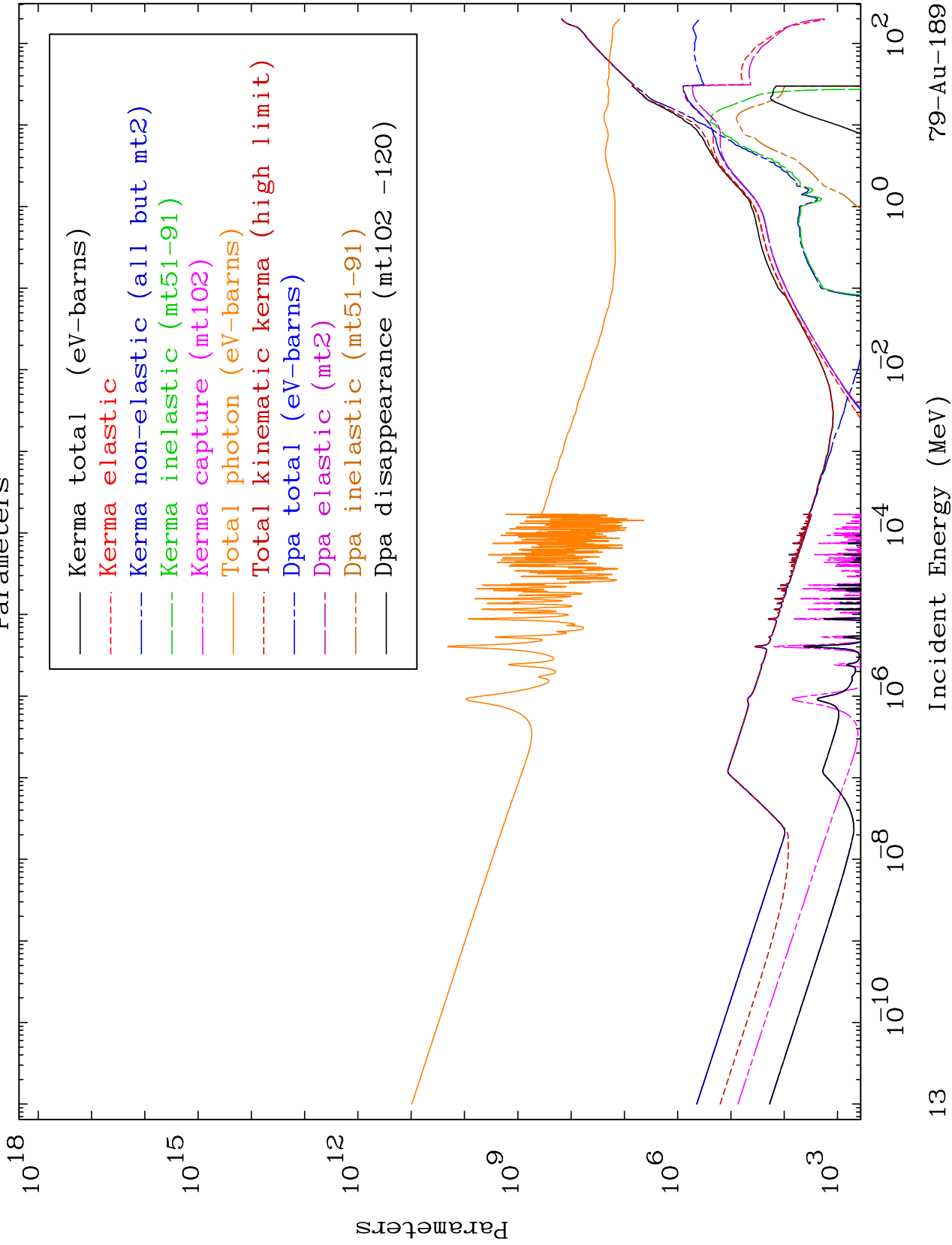
79-Au-189



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Incident Energy (MeV)

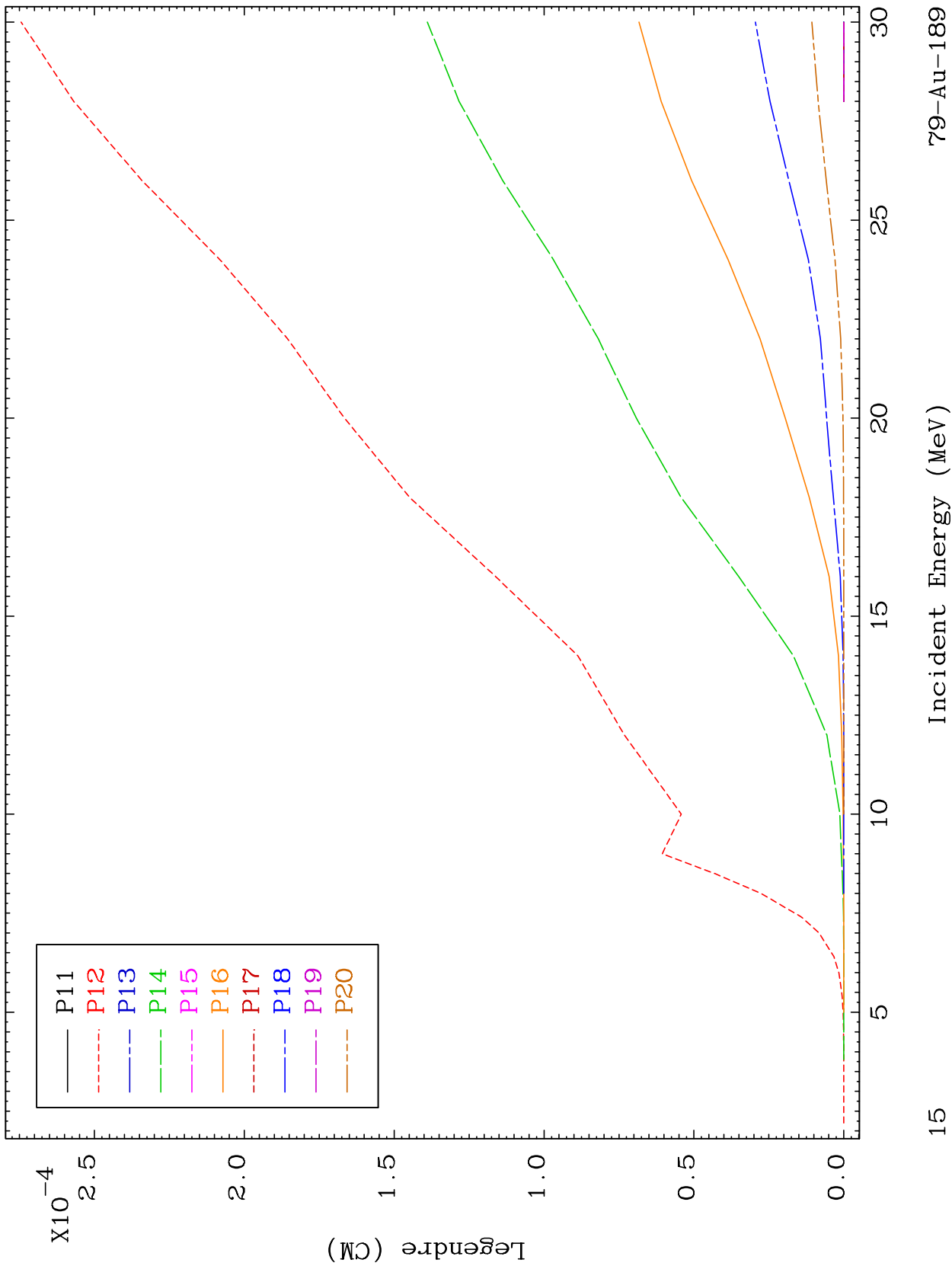
79-Au-189



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Elastic Legendre Coefficients

79-Au-189



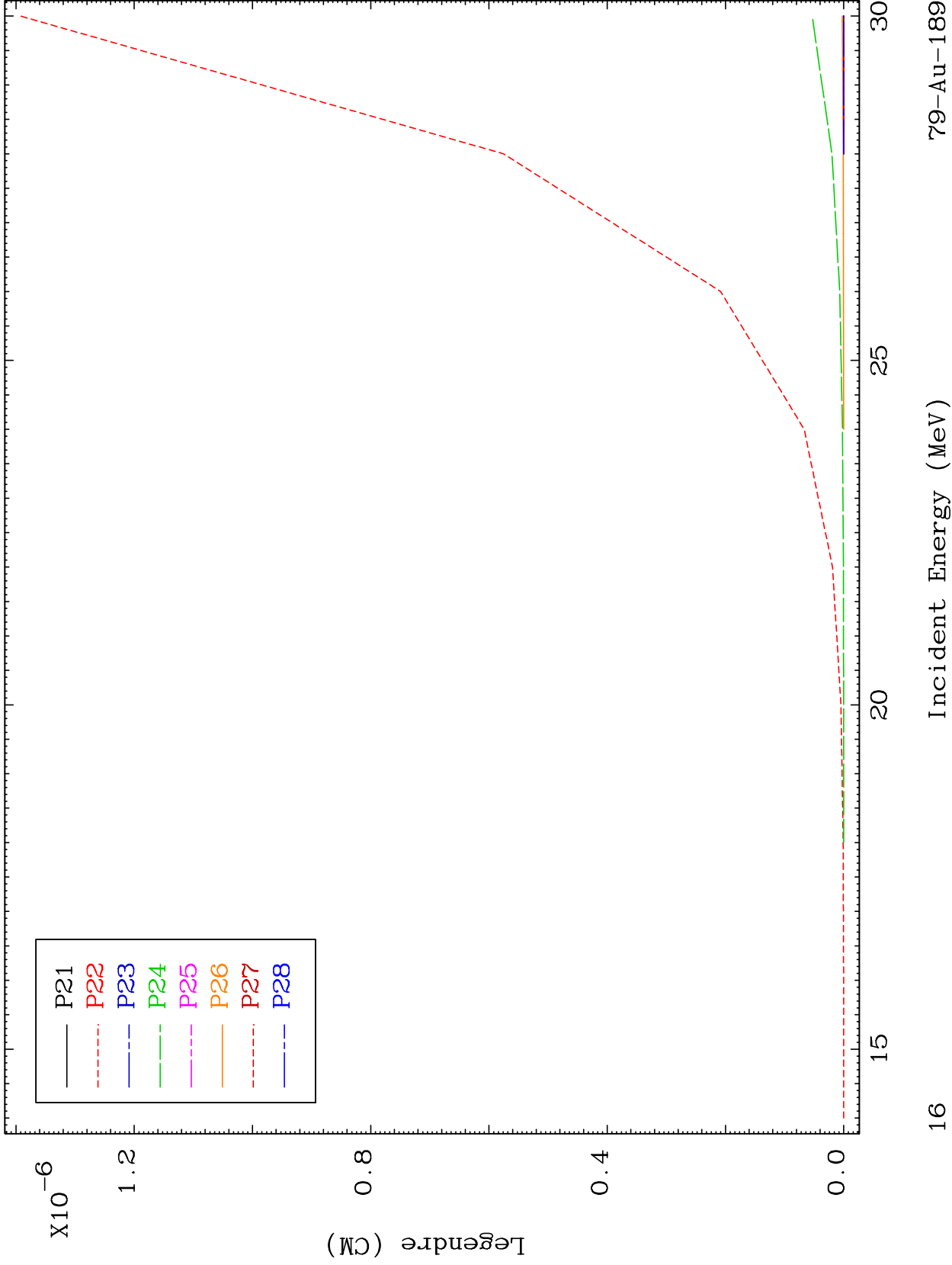
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79-Au-189

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Elastic Legendre Coefficients

79-Au-189



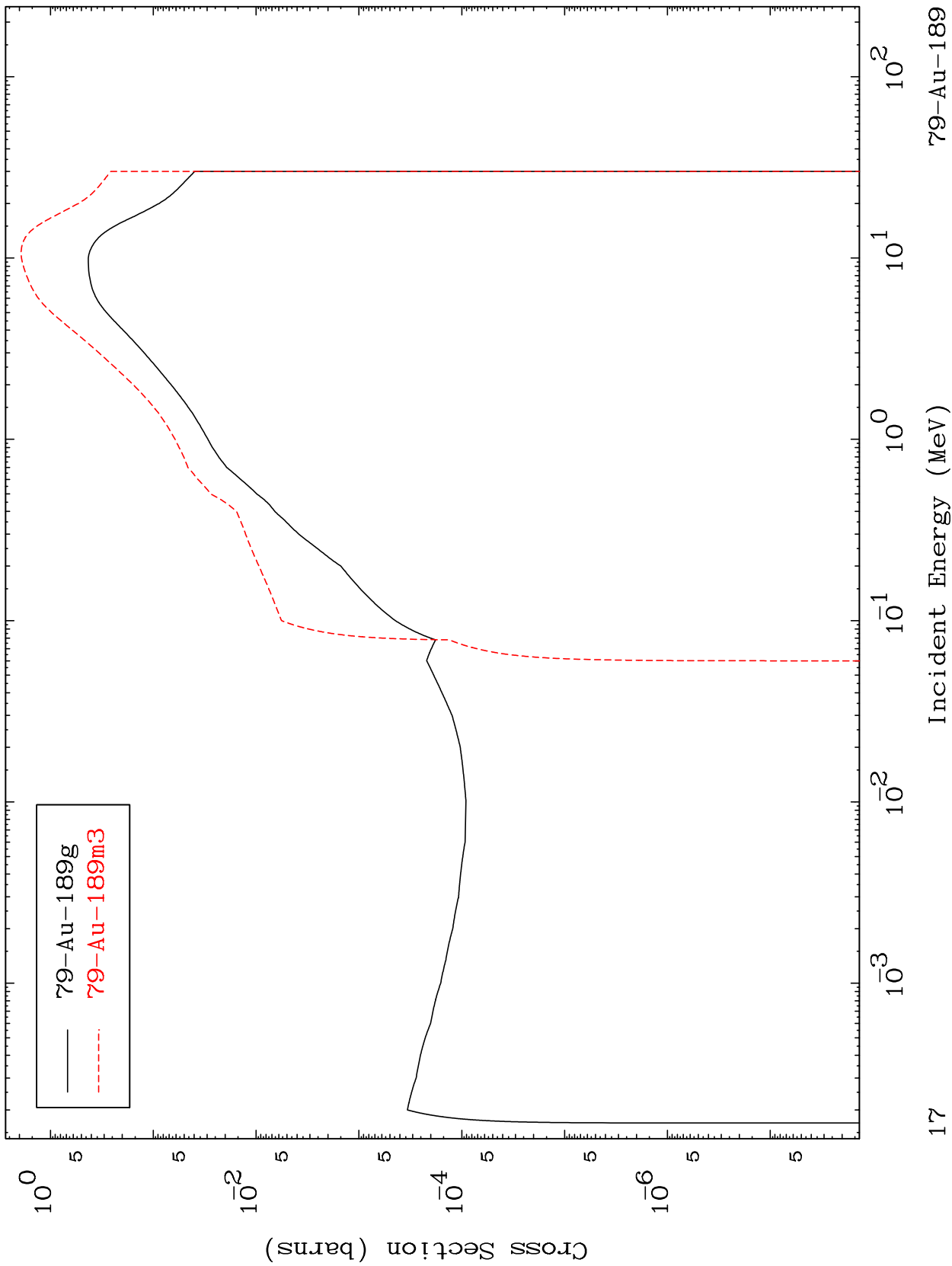
16

79-Au-189

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79-Au-189

Inelastic
Radionuclide Production Cross Section



79-Au-189

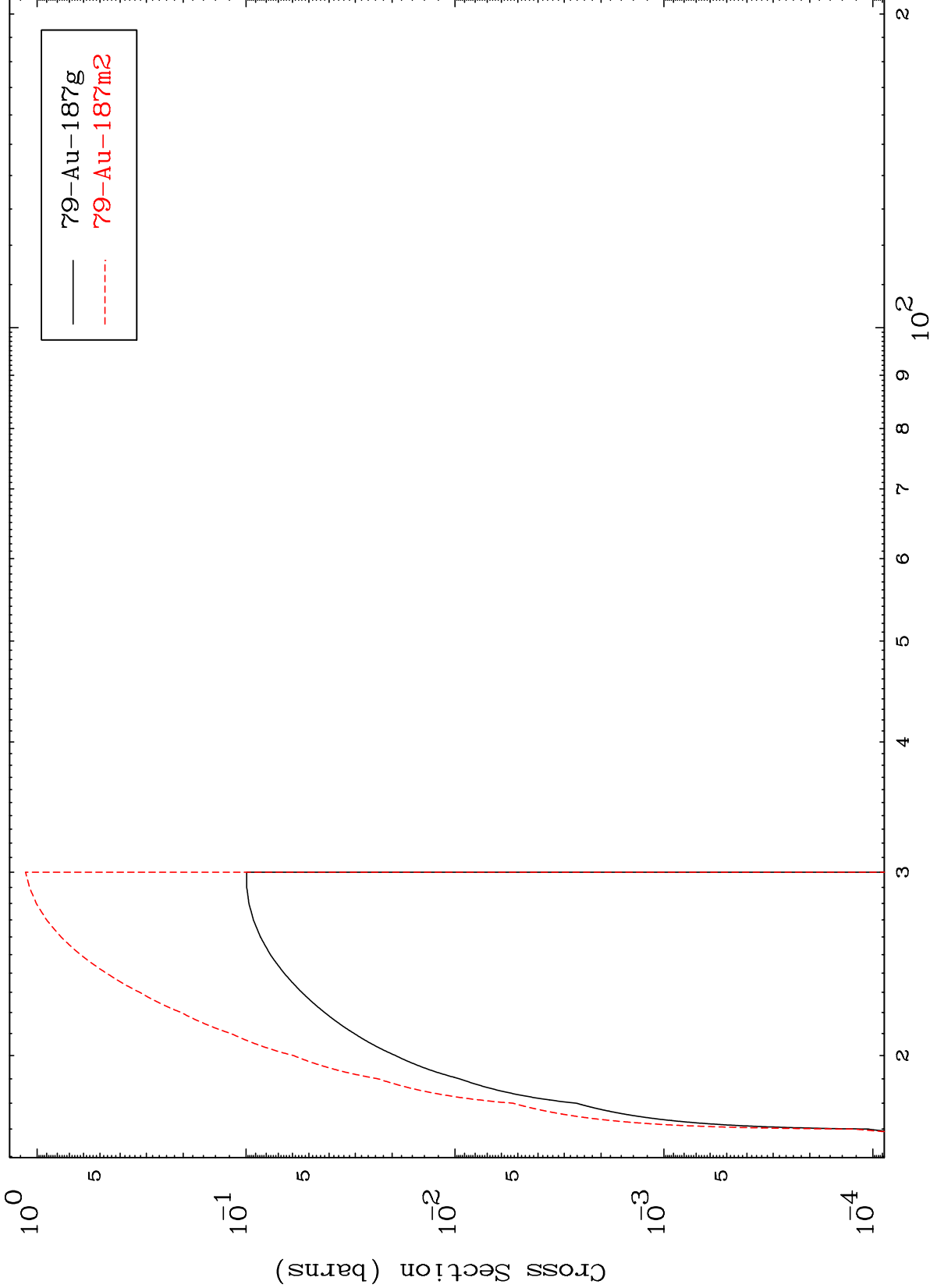
Incident Energy (MeV)

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(n,3n)

79-Au-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

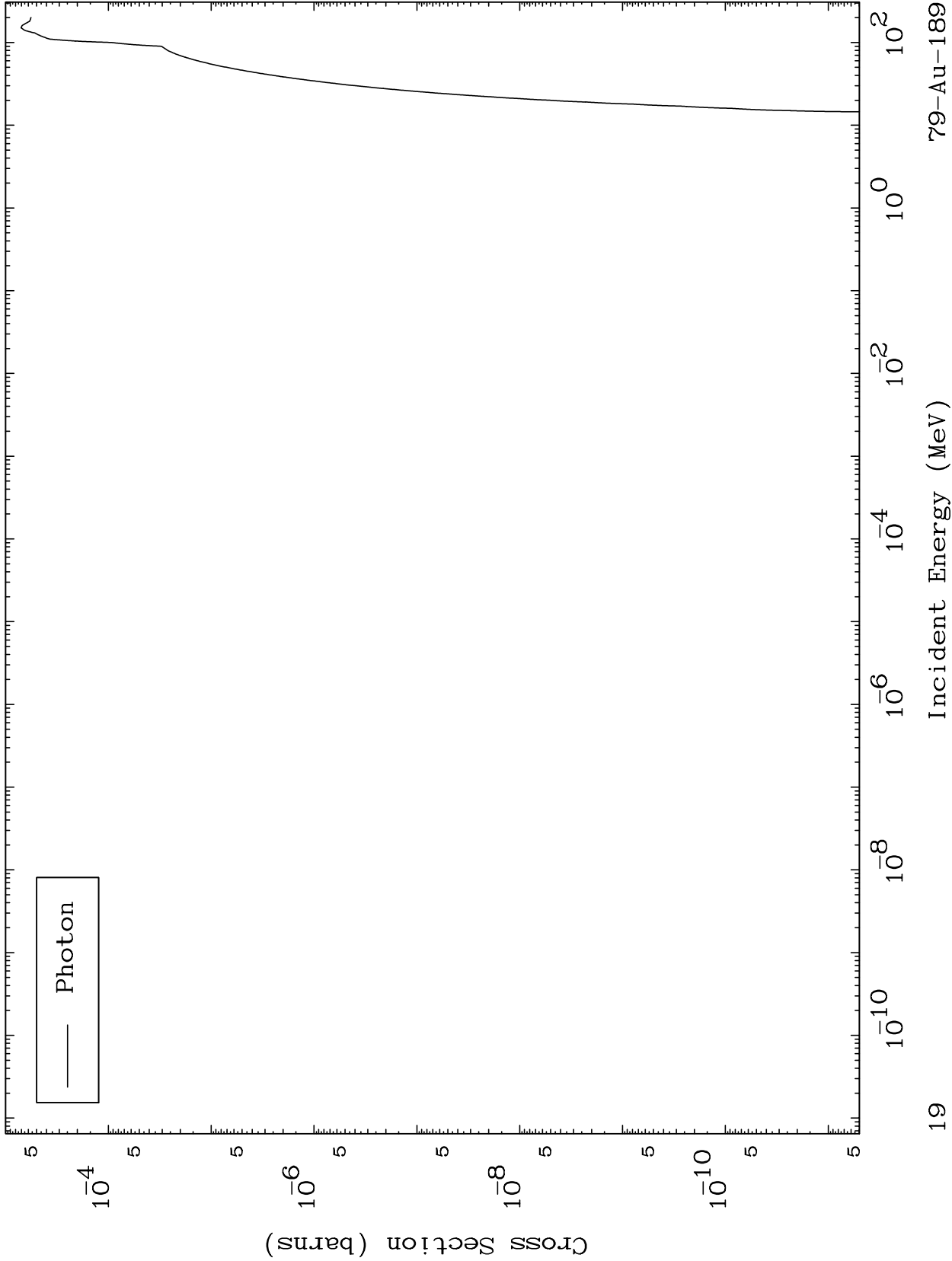
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Fission

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Radionuclide Production Cross Section



19

Incident Energy (MeV)

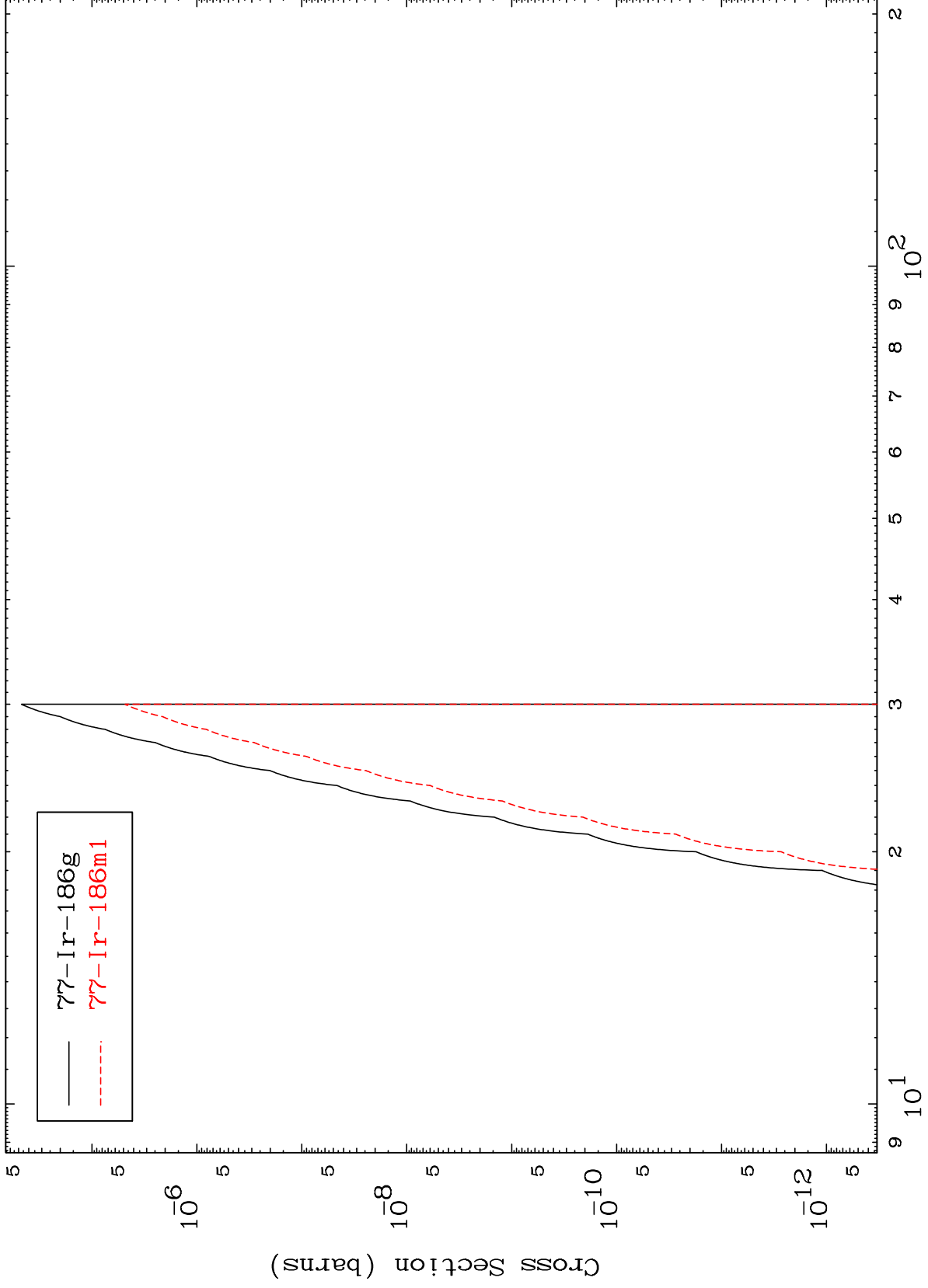
79-Au-189

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(n,n') He-3

79-Au-189

Radionuclide Production Cross Section



20

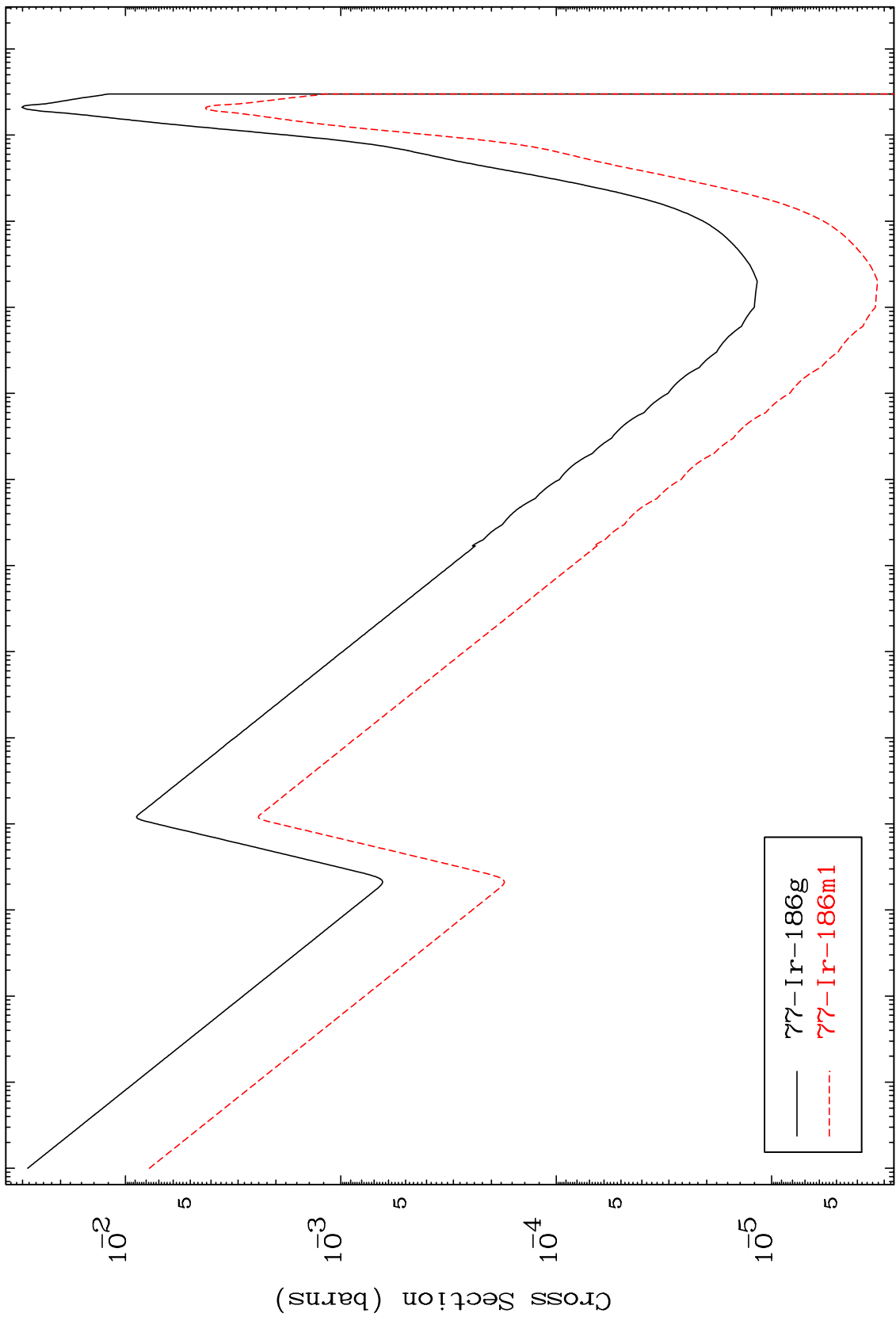
Incident Energy (MeV)

79-Au-189

MAT 7902

79-Au-189

Radionuclide Production Cross Section
(n, α)



79-Au-189

10^2

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

Incident Energy (MeV)

79-Au-189

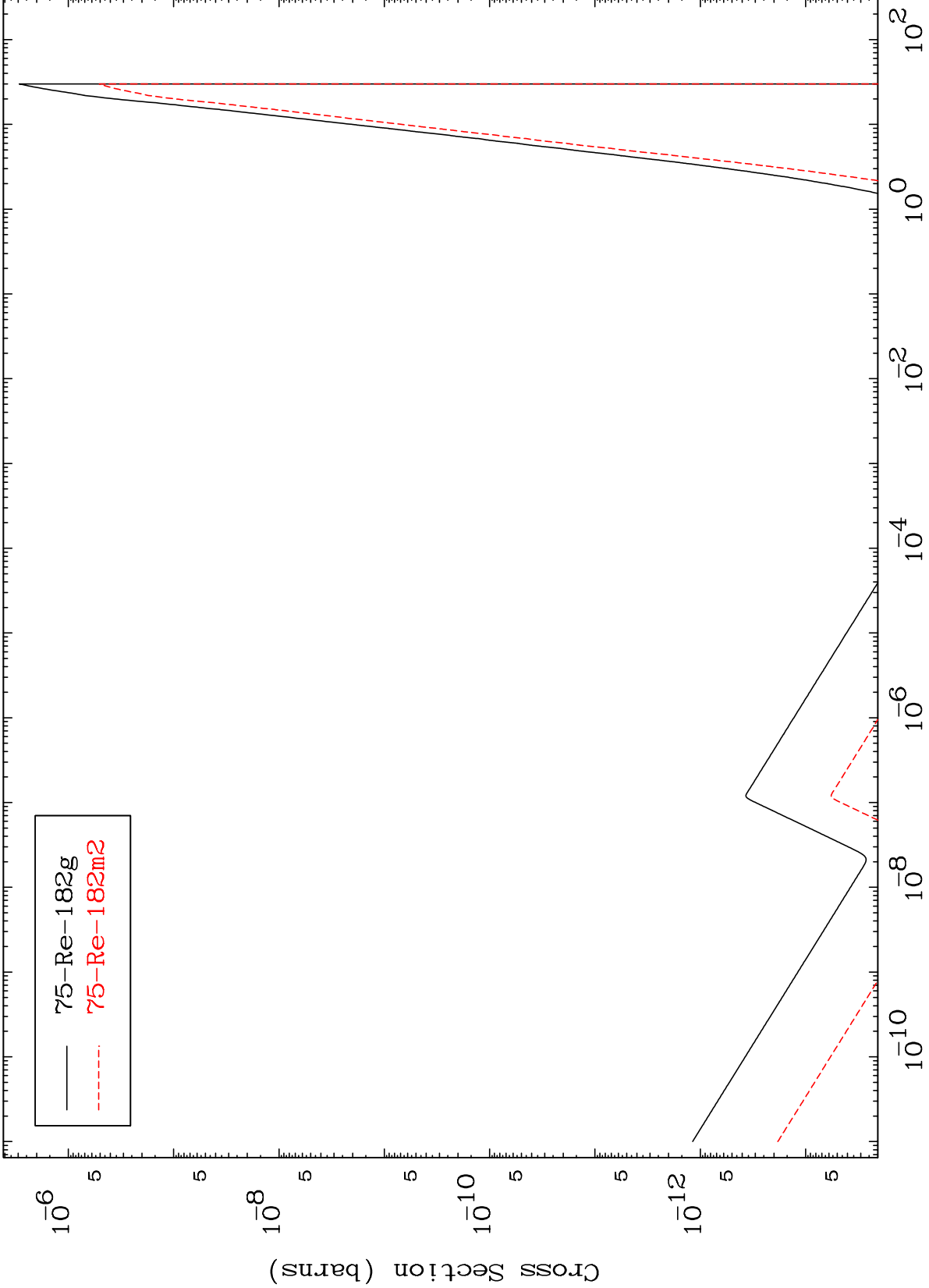
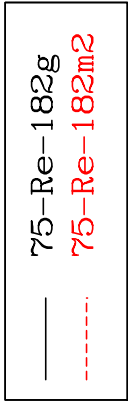
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(n,2α)

79-Au-189

Radionuclide Production Cross Section



MAT 7902

(n,p) t

79-Au-189

