

Program EVALPLOT
(Version 2021-1)

by

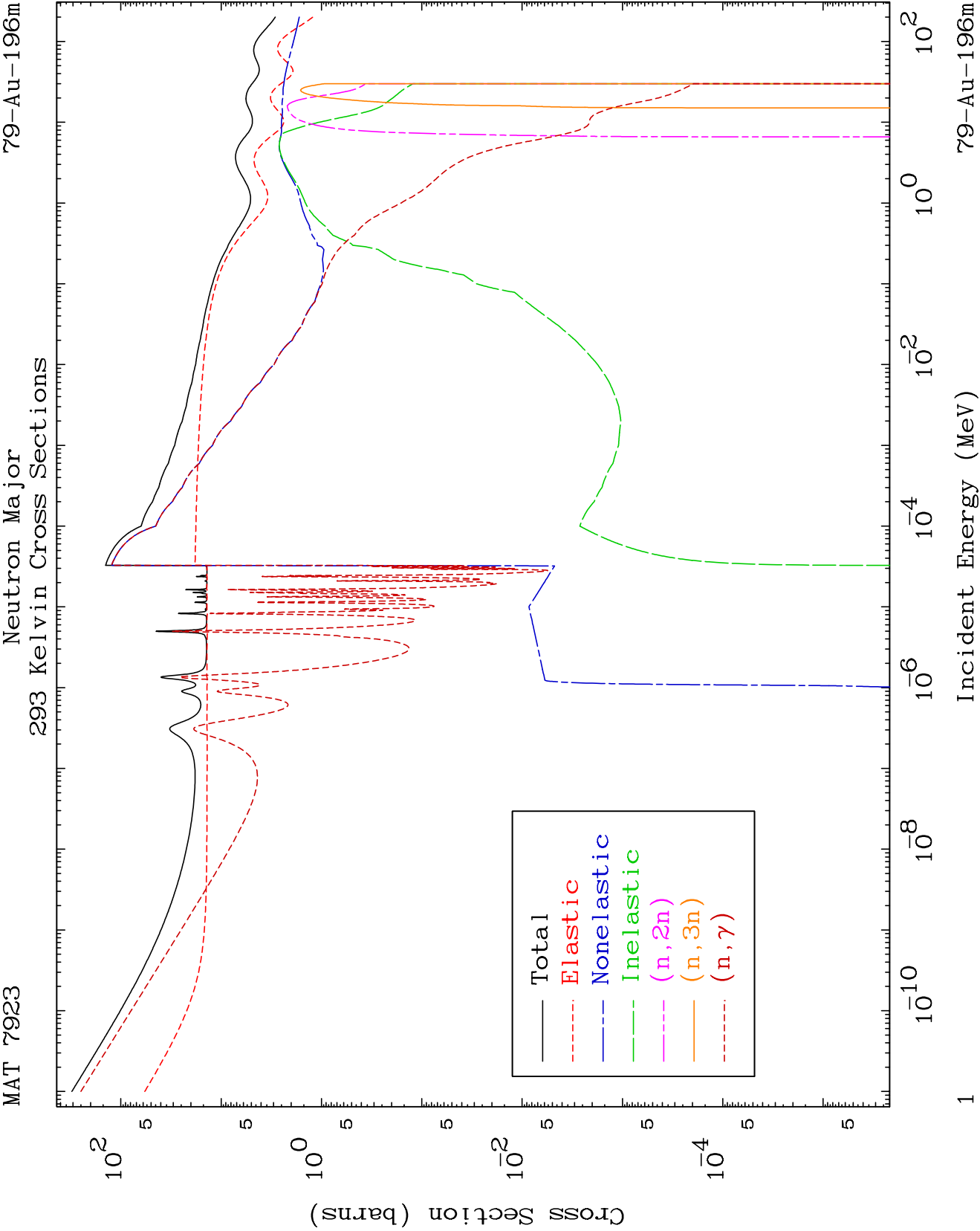
Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

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

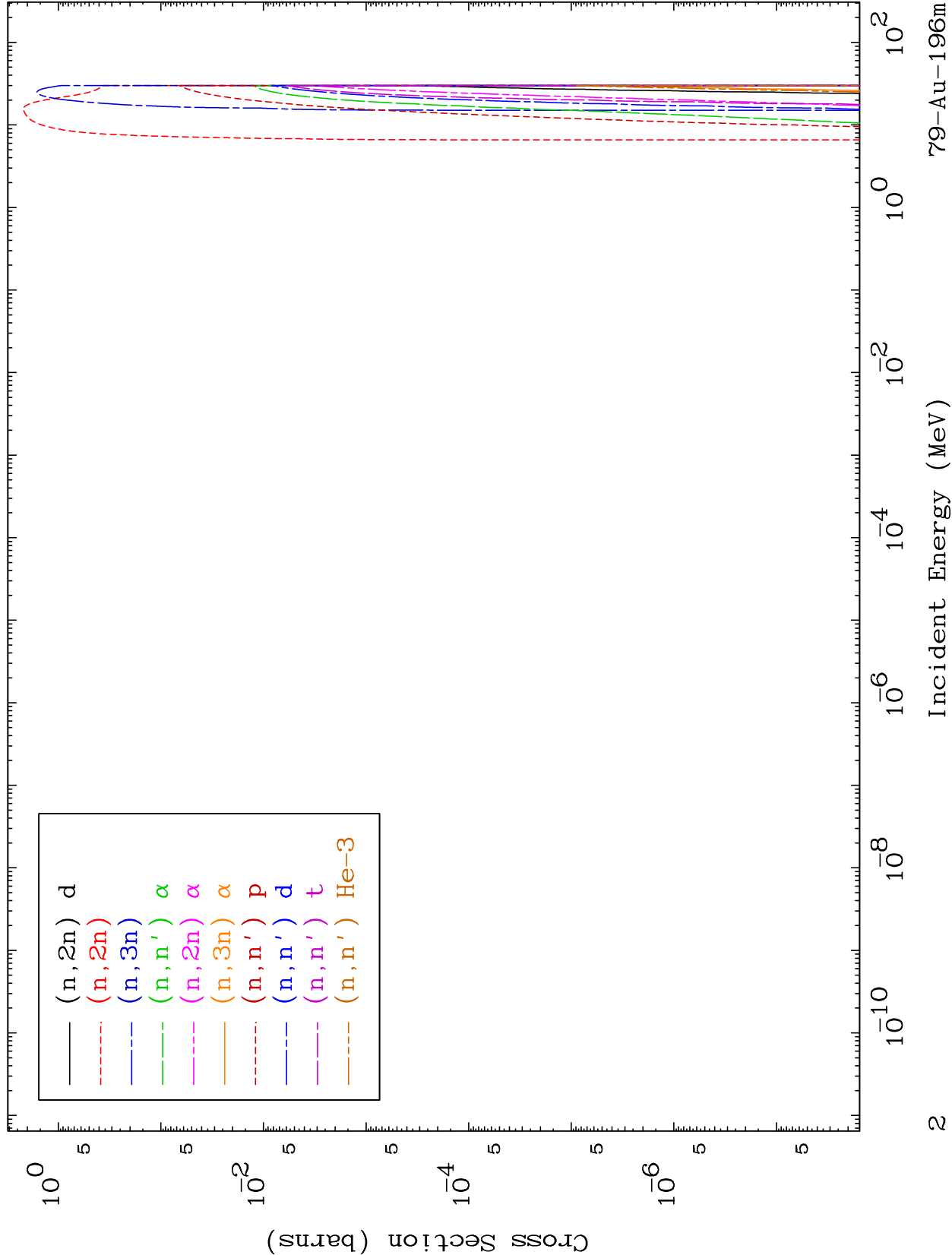
Press Mouse Button to Start

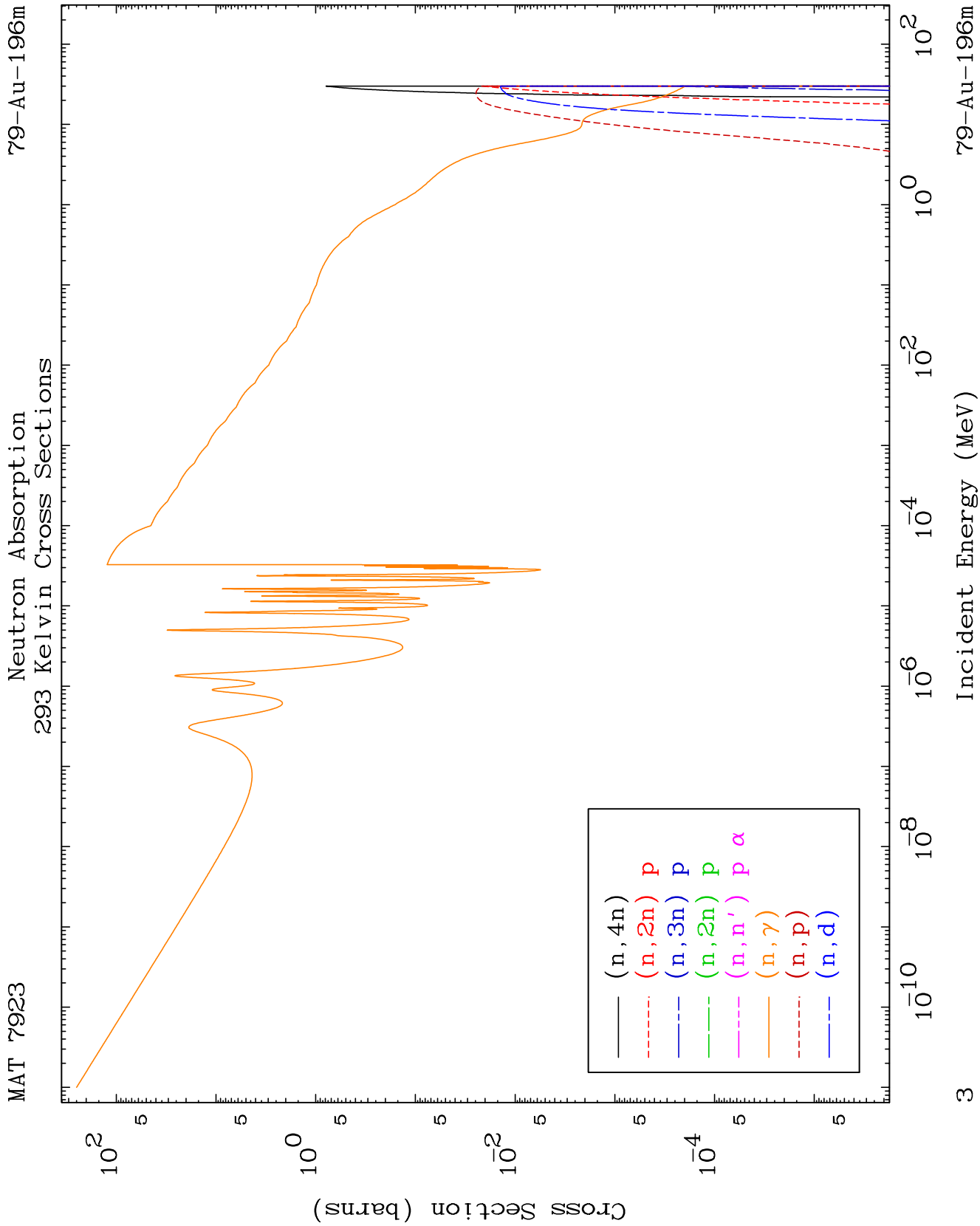


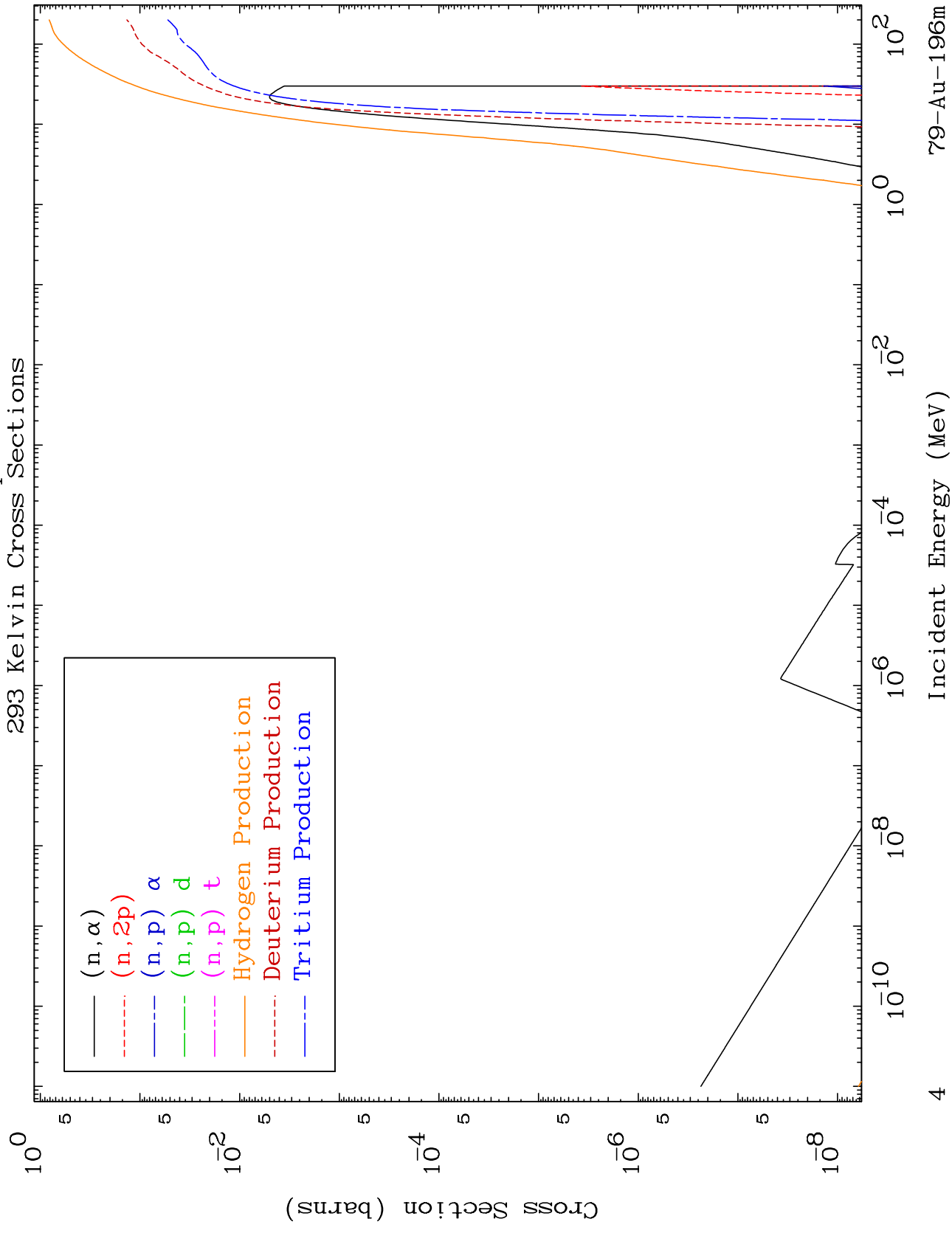
MAT 7923

Neutron Absorption
293 Kelvin Cross Sections

79-Au-196m



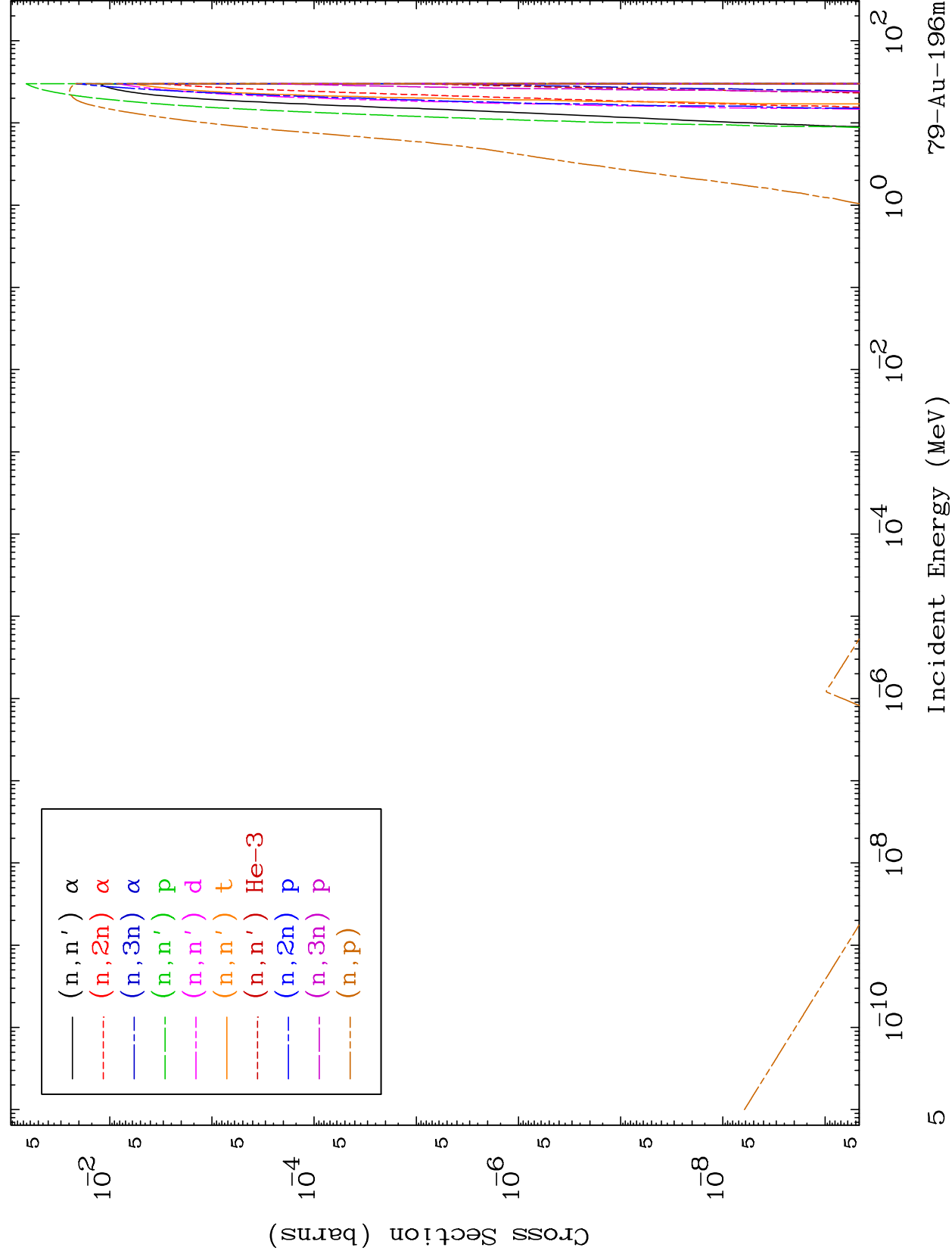


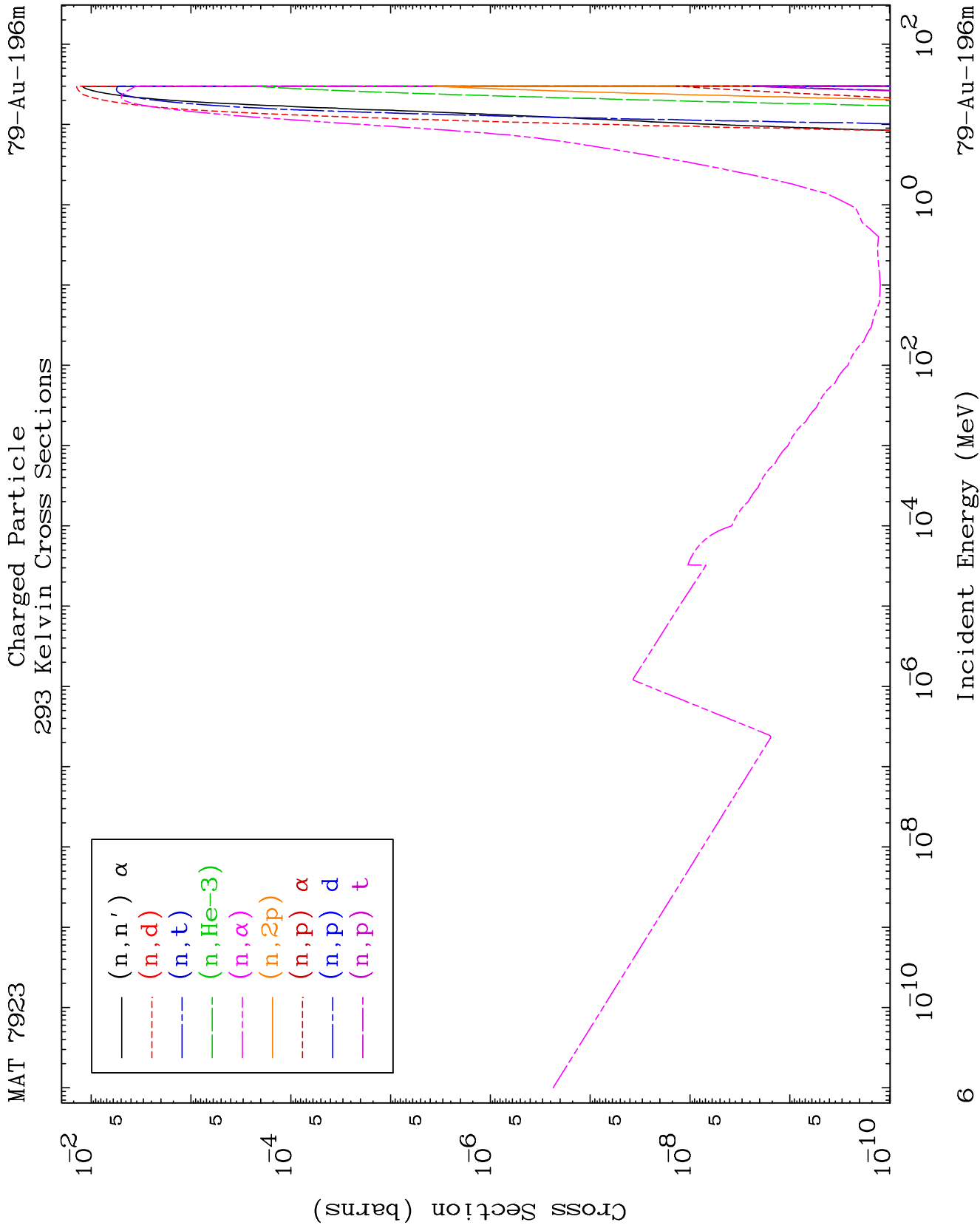


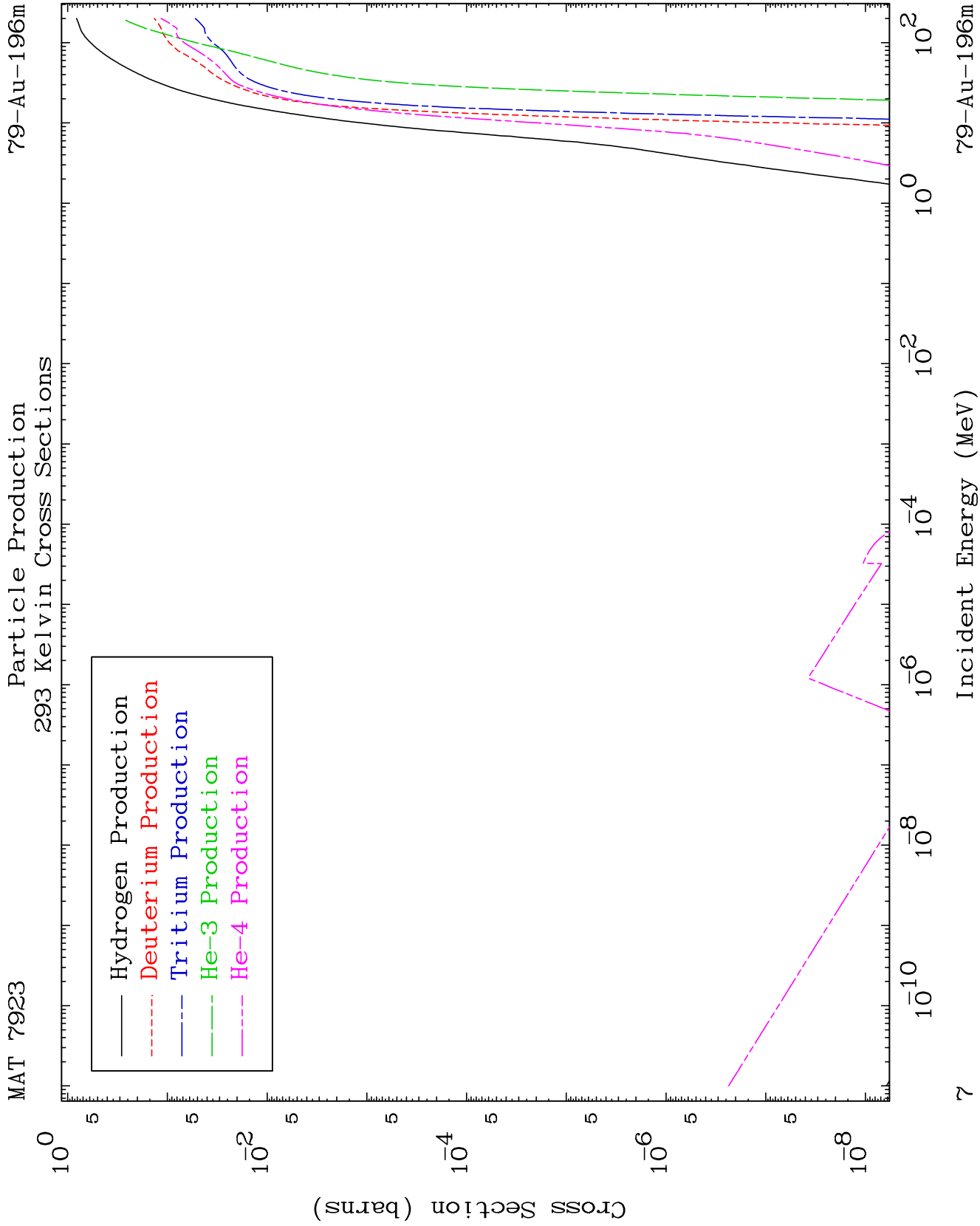
MAT 7923

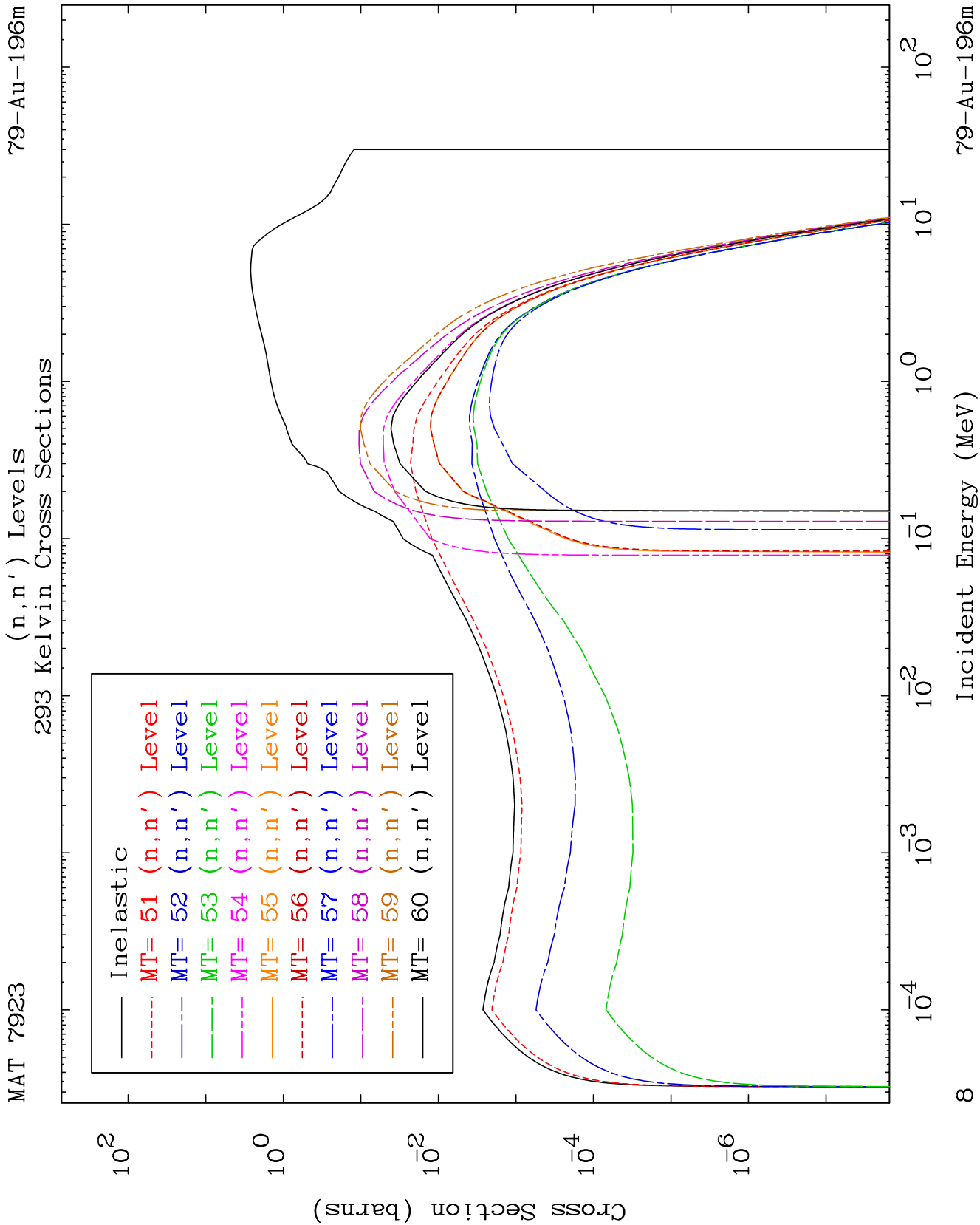
Charged Particle 293 Kelvin Cross Sections

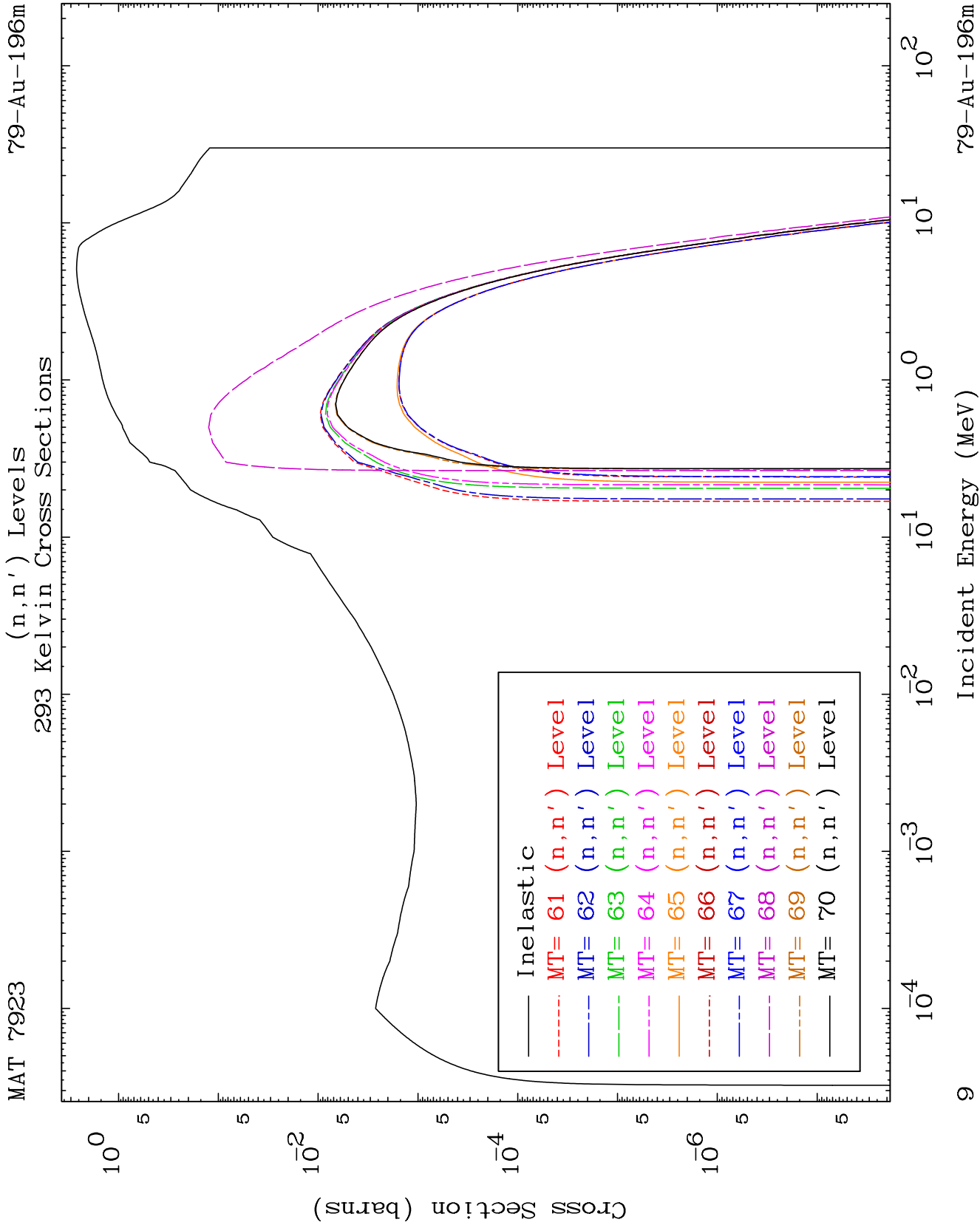
79-Au-196m

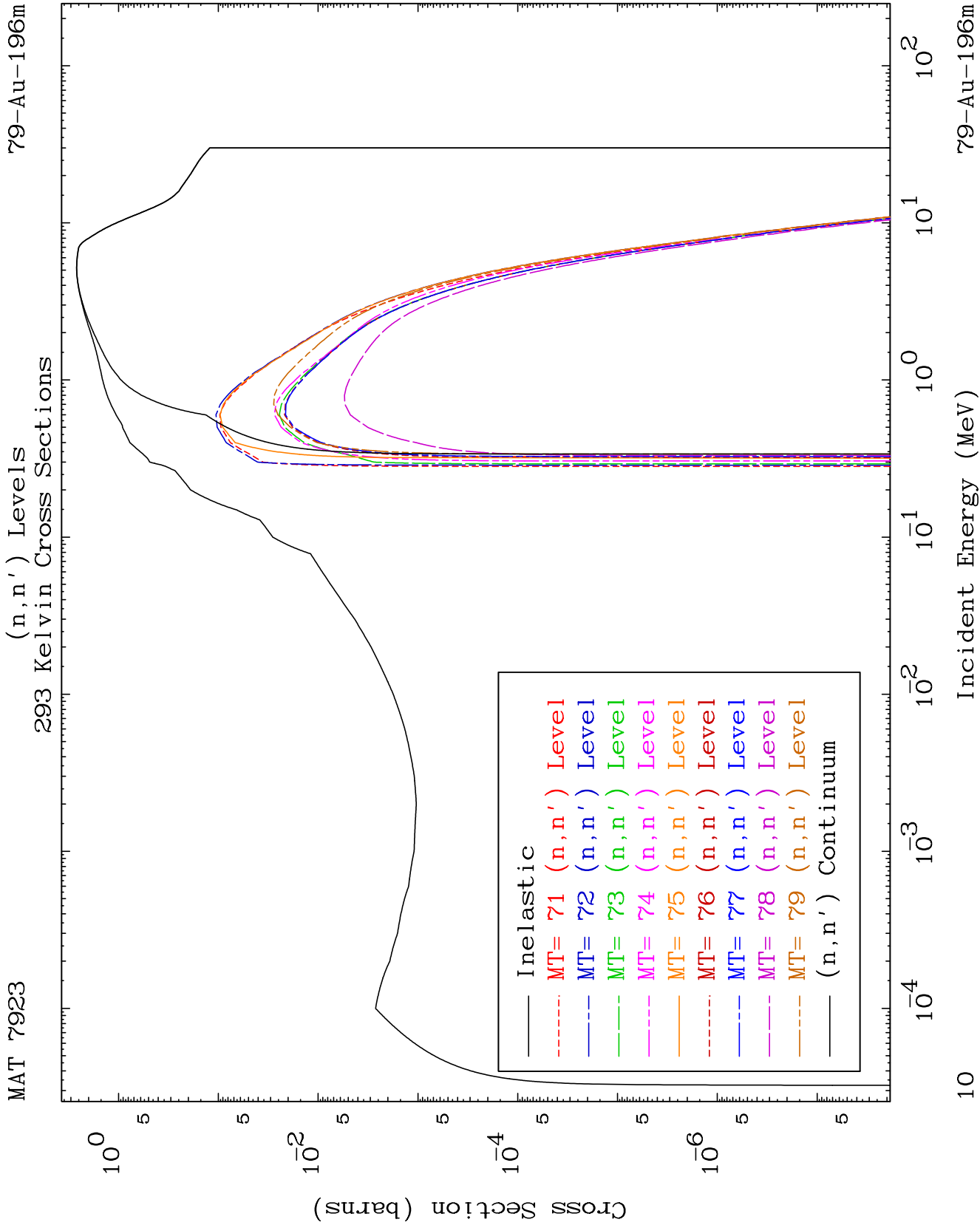


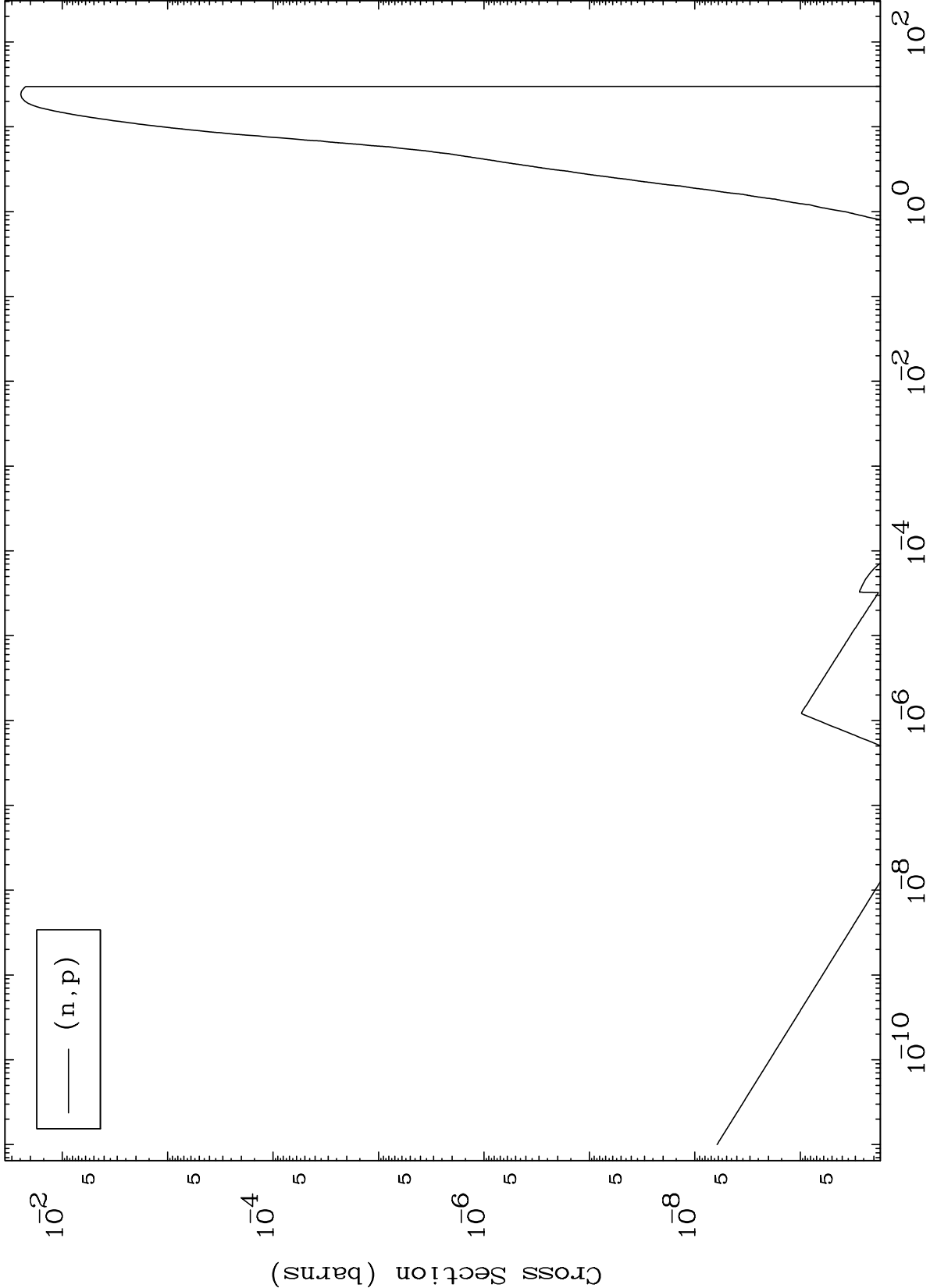


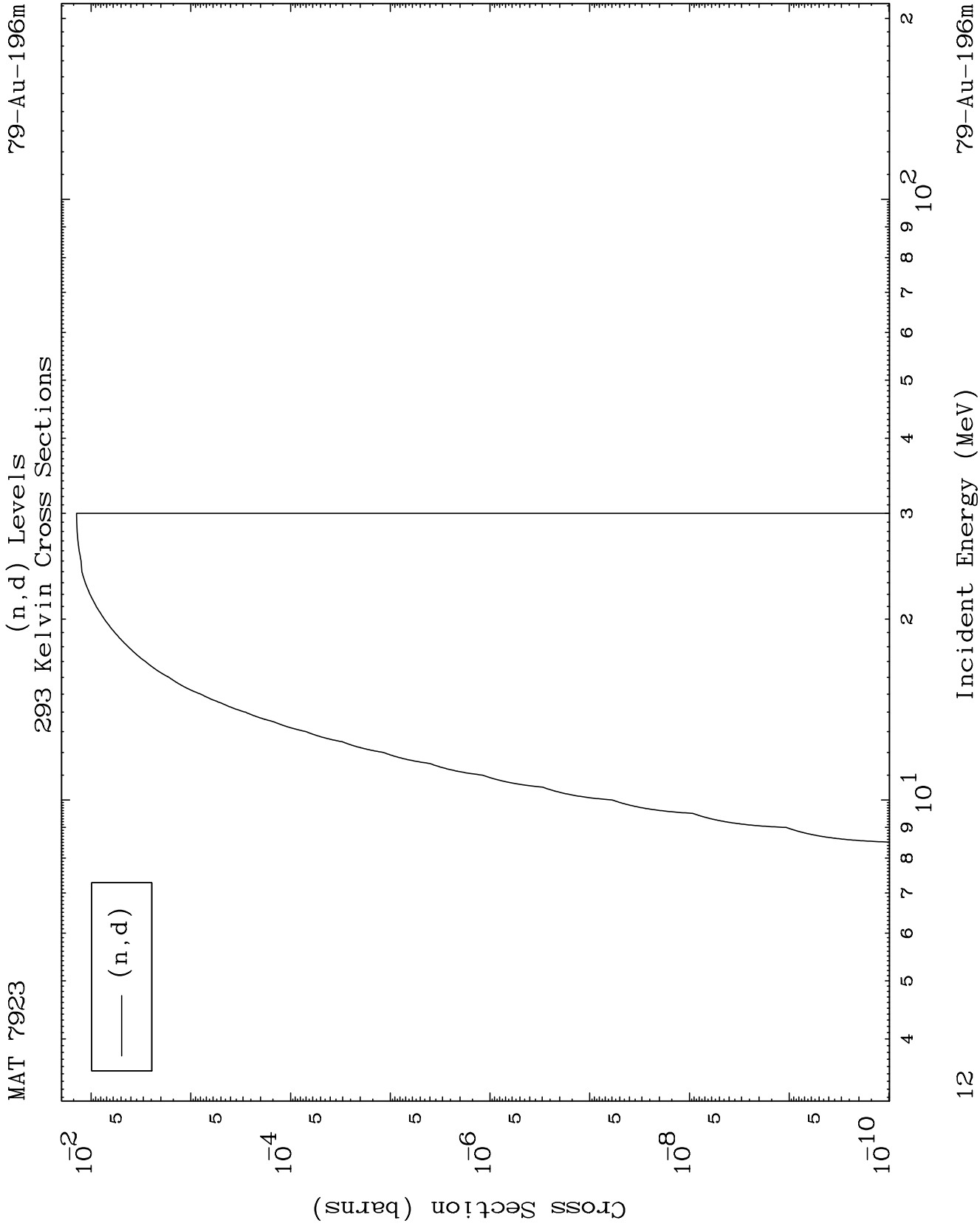








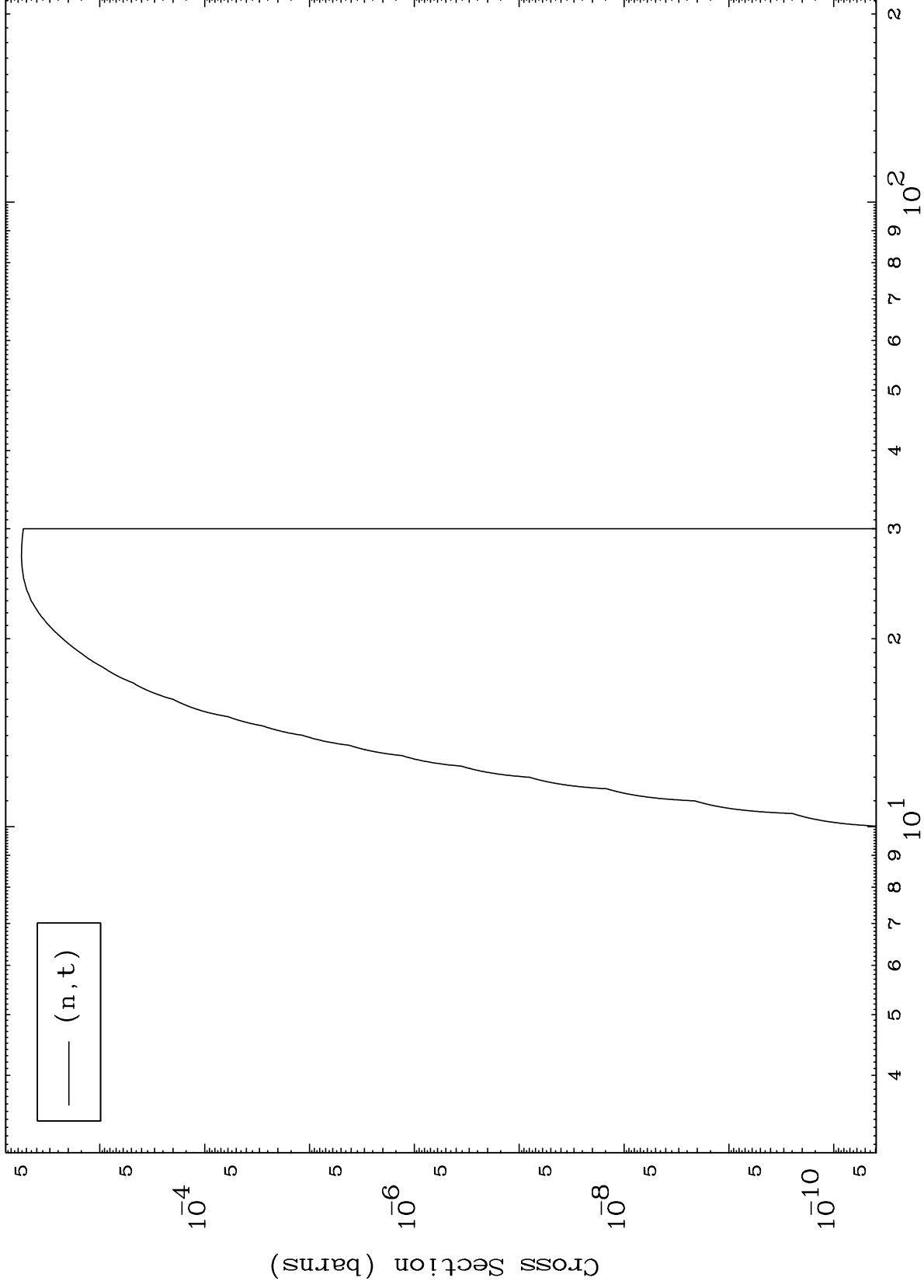




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79-Au-196m

(n,t) Levels
293 Kelvin Cross Sections



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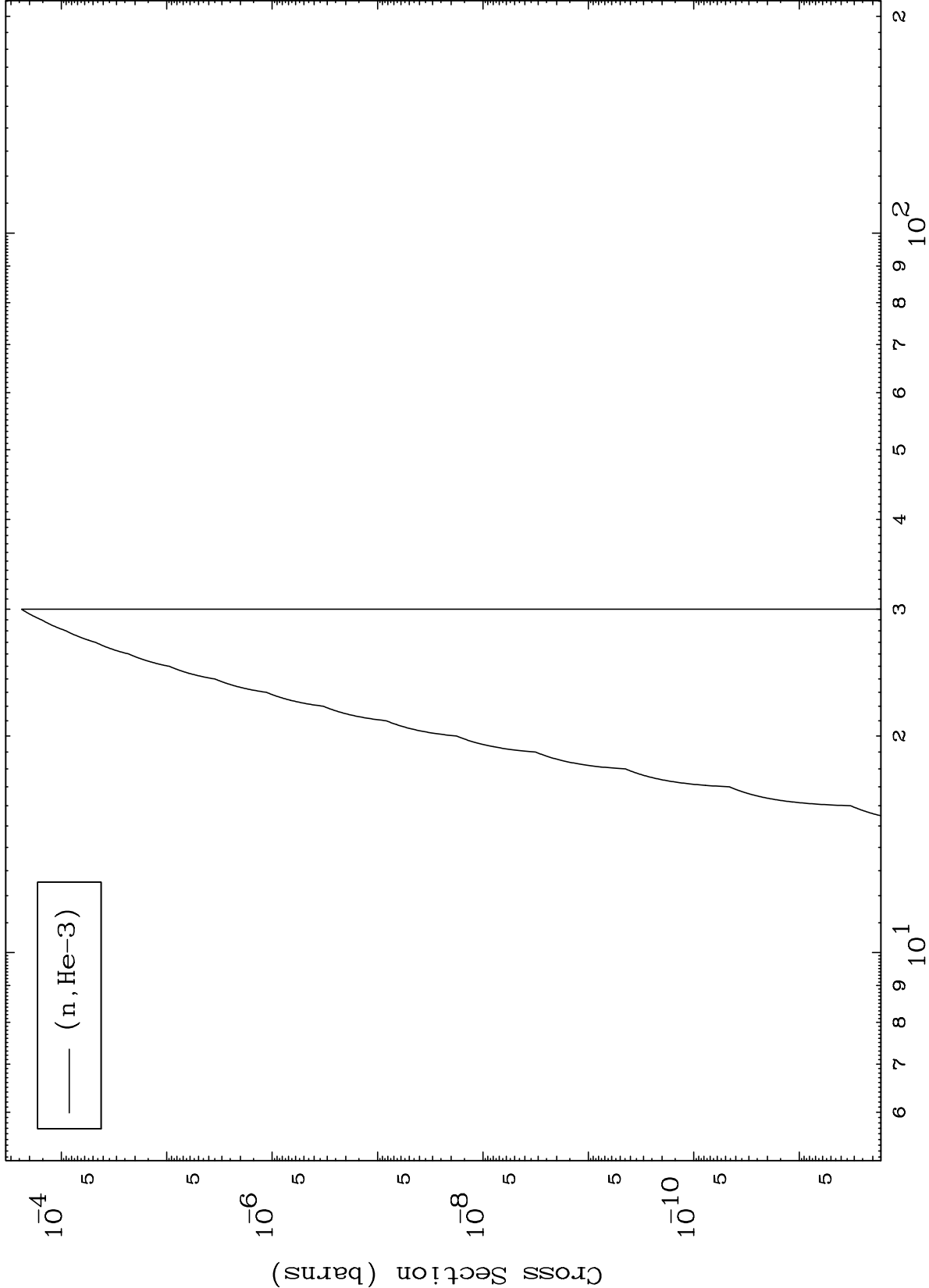
Incident Energy (MeV)

79-Au-196m

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(n,He3) Levels
293 Kelvin Cross Sections

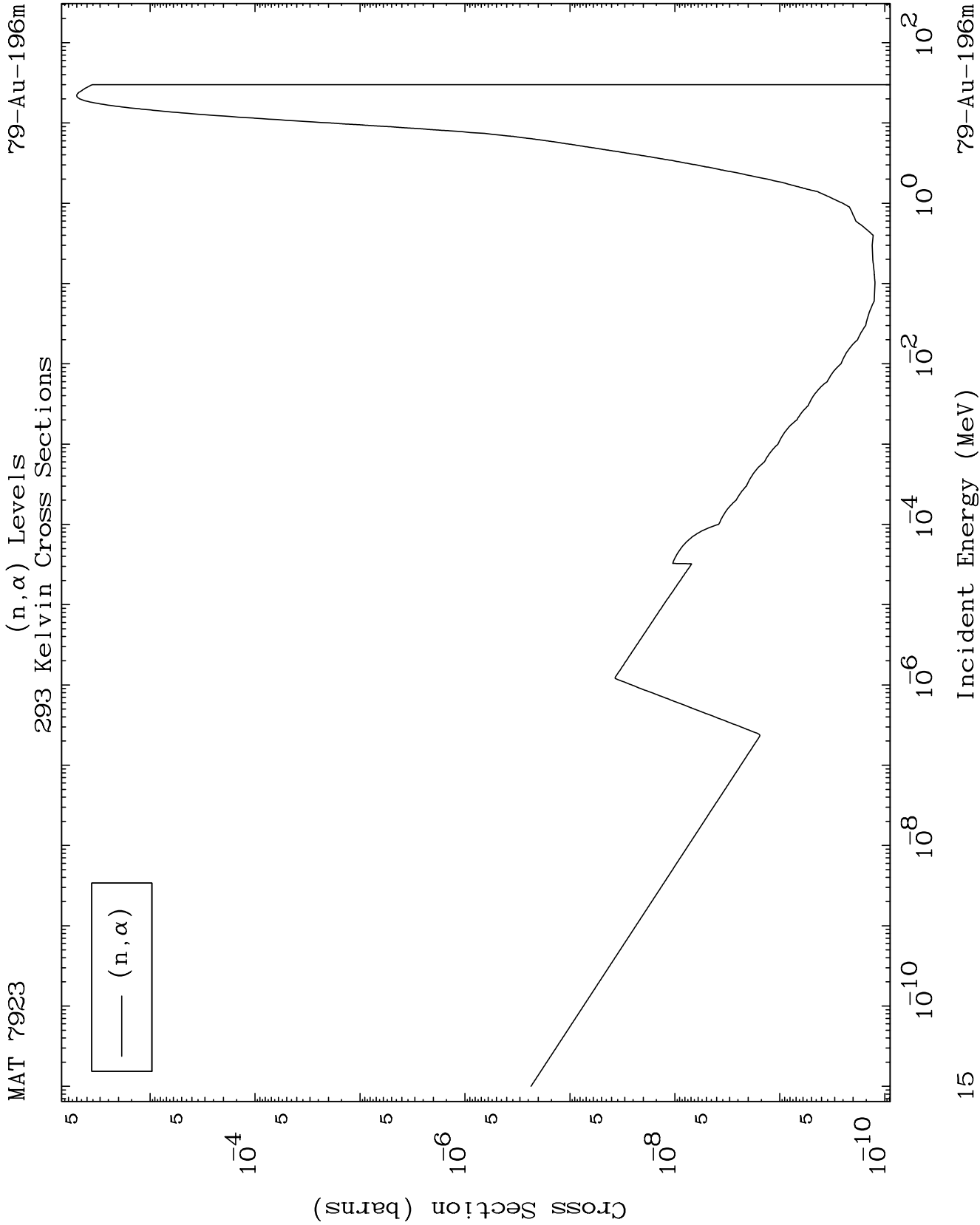
79-Au-196m

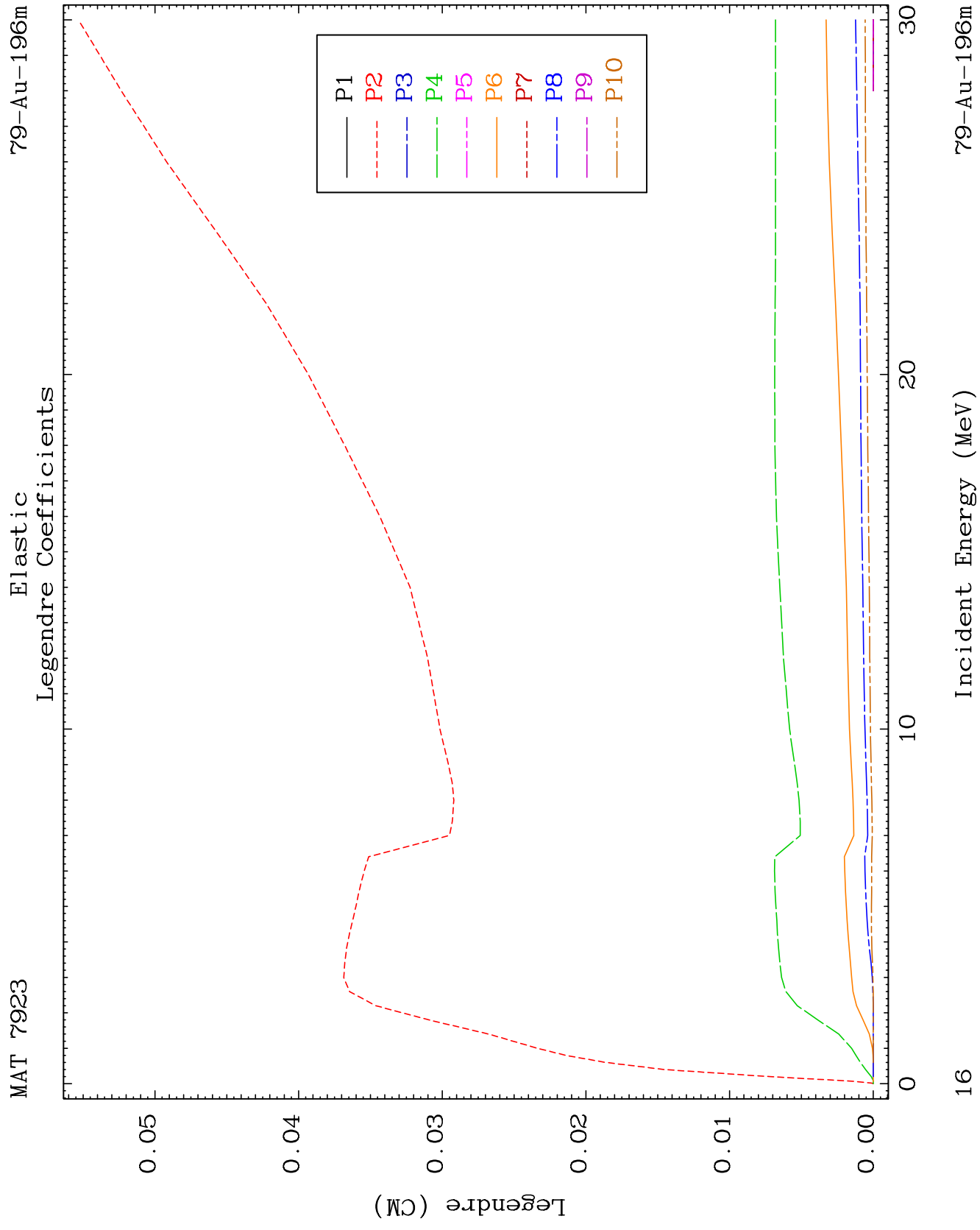


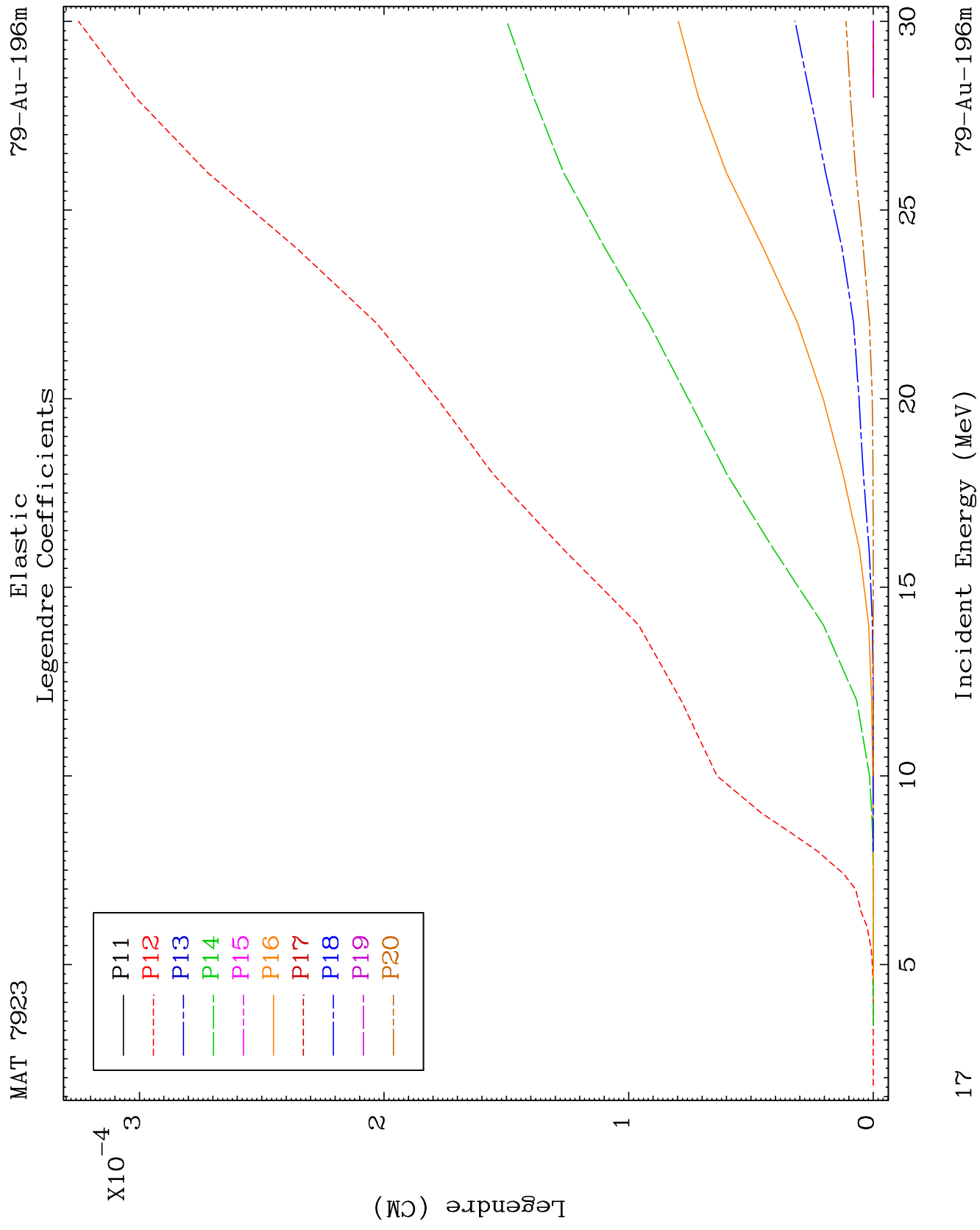
14

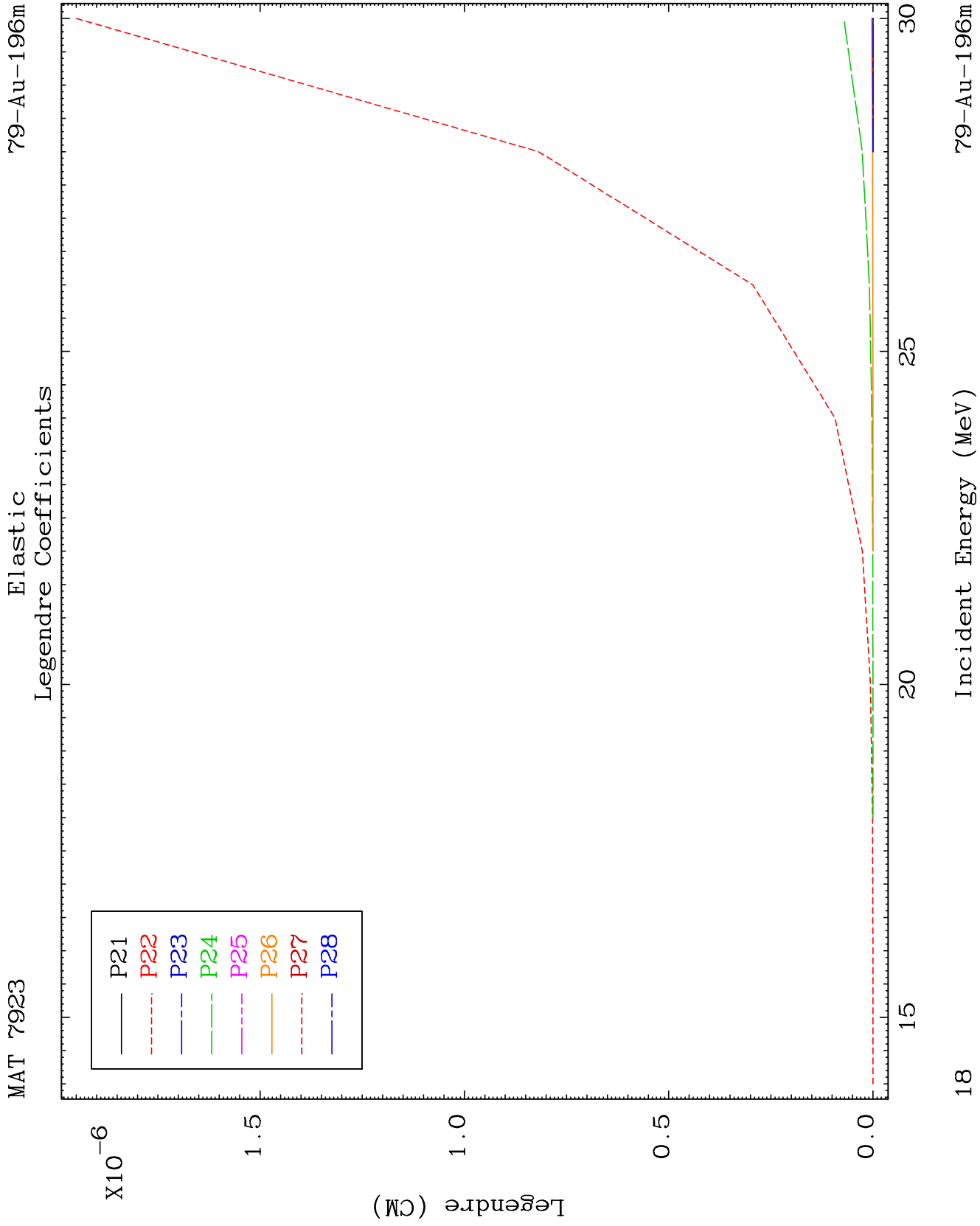
Incident Energy (MeV)

79-Au-196m



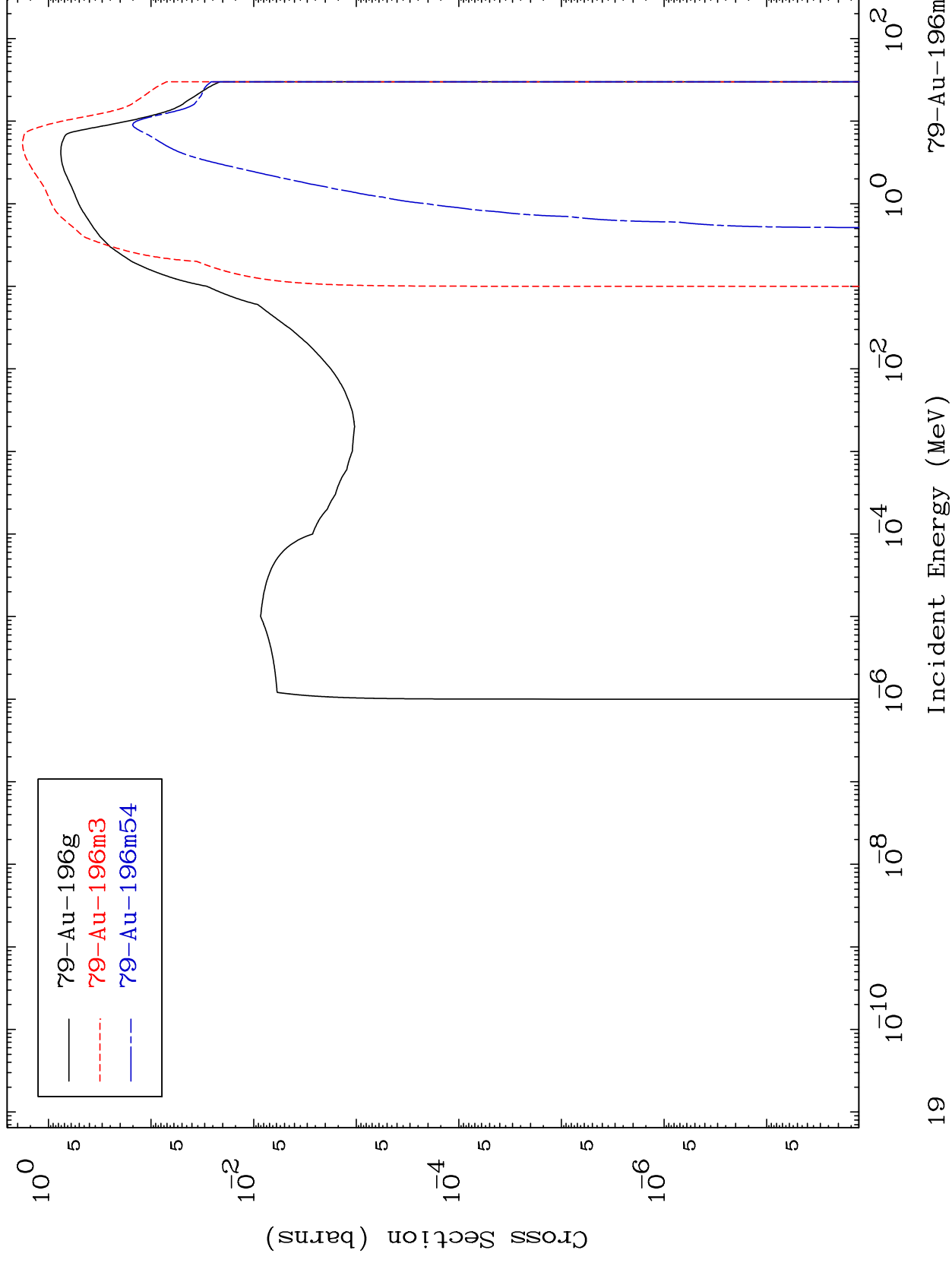






Inelastic Radionuclide Production Cross Section

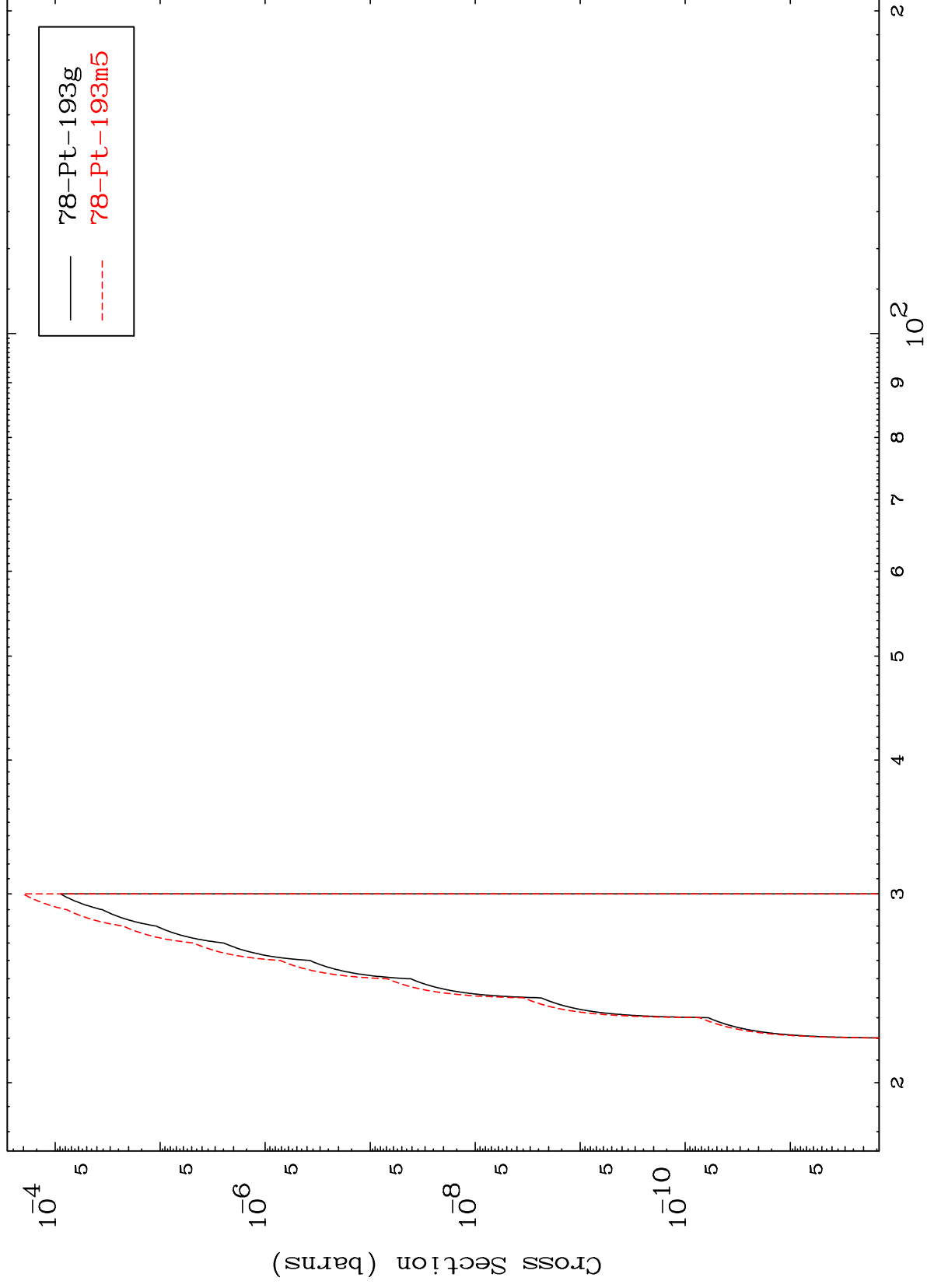
Inelastic



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⁷⁹Au-196m

(n,2n) d
Radionuclide Production Cross Section



20

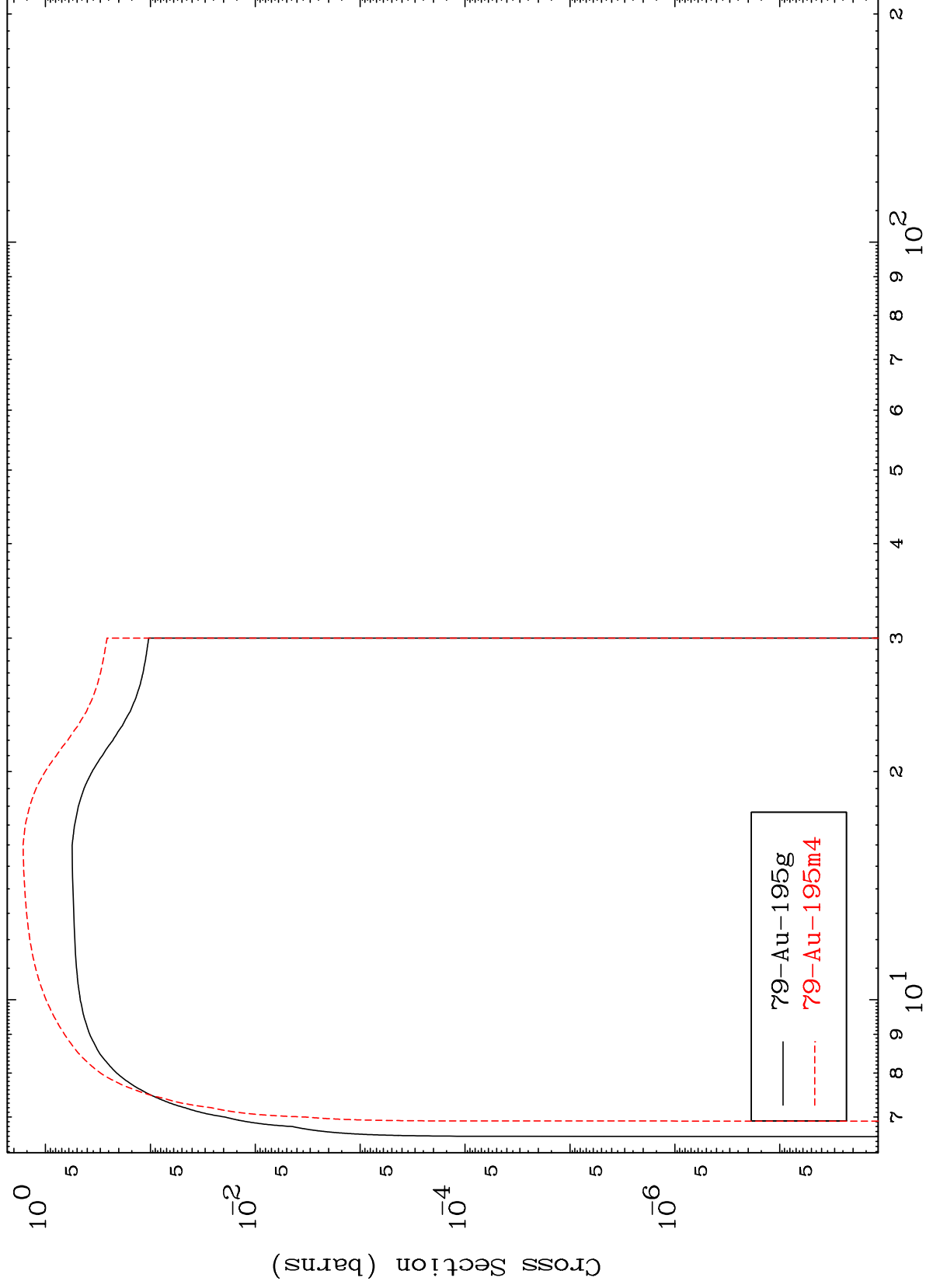
Incident Energy (MeV)

⁷⁹Au-196m

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⁷⁹Au-196m

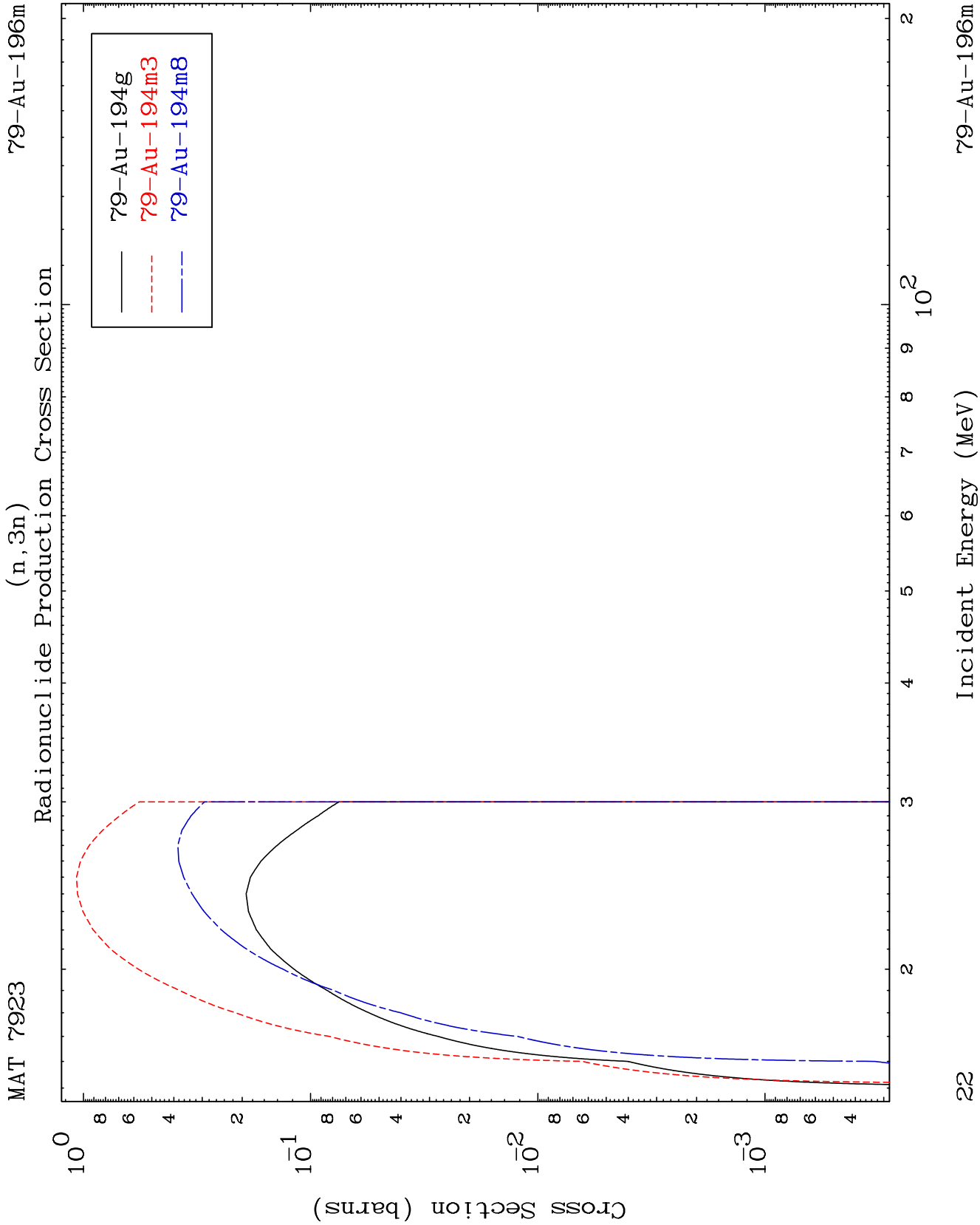
(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁷⁹Au-196m

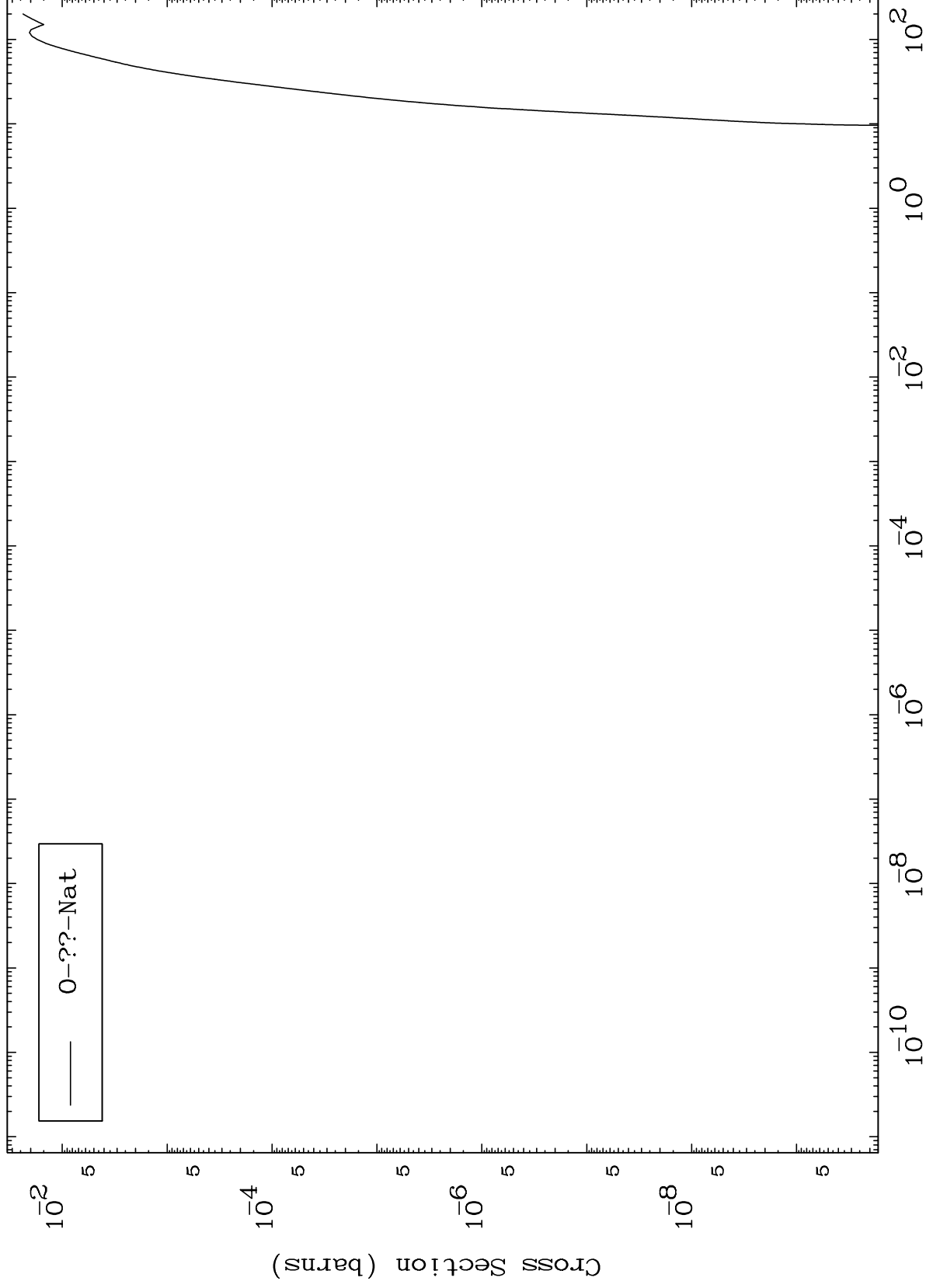


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Fission

⁷⁹Au-196m

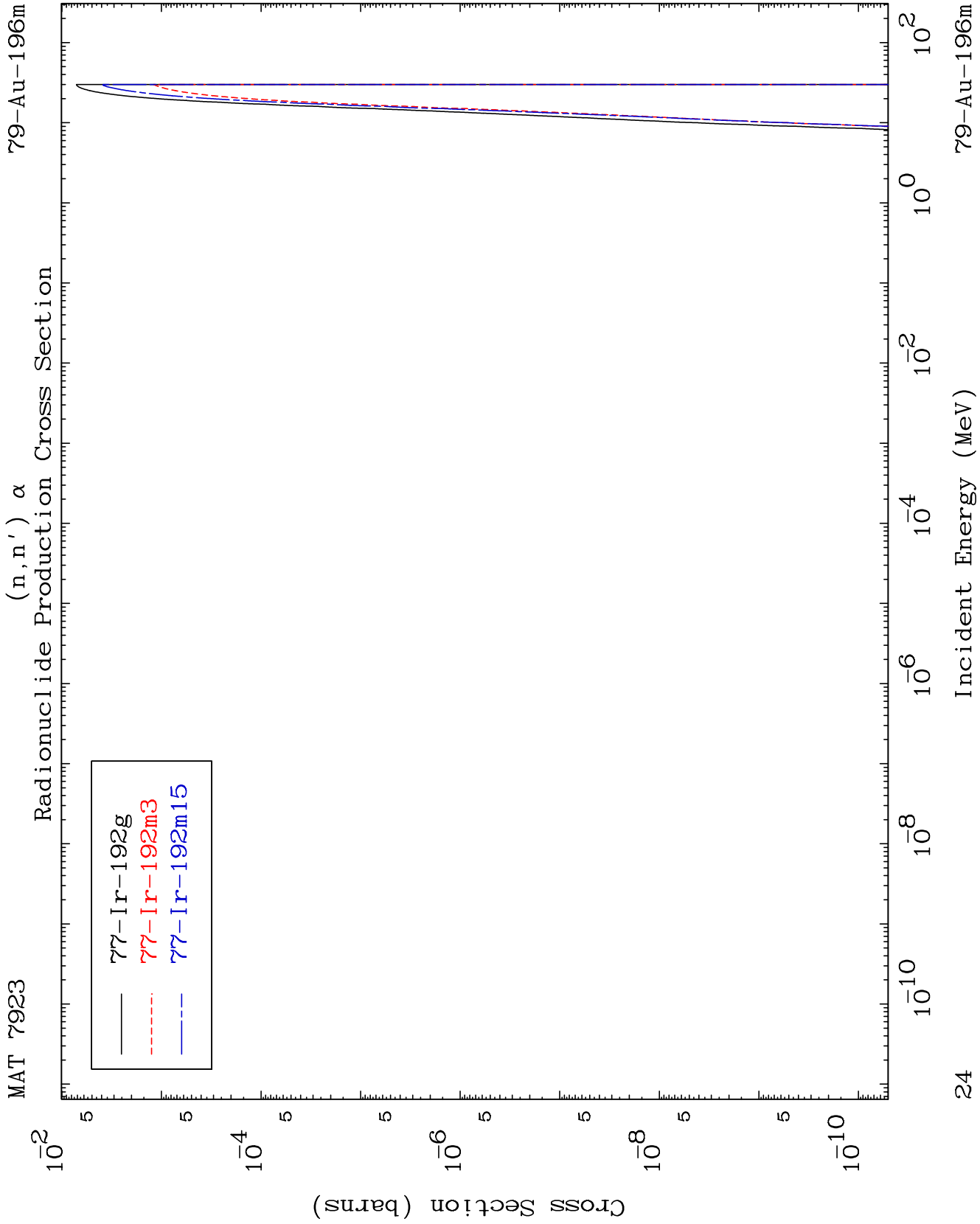
Radionuclide Production Cross Section

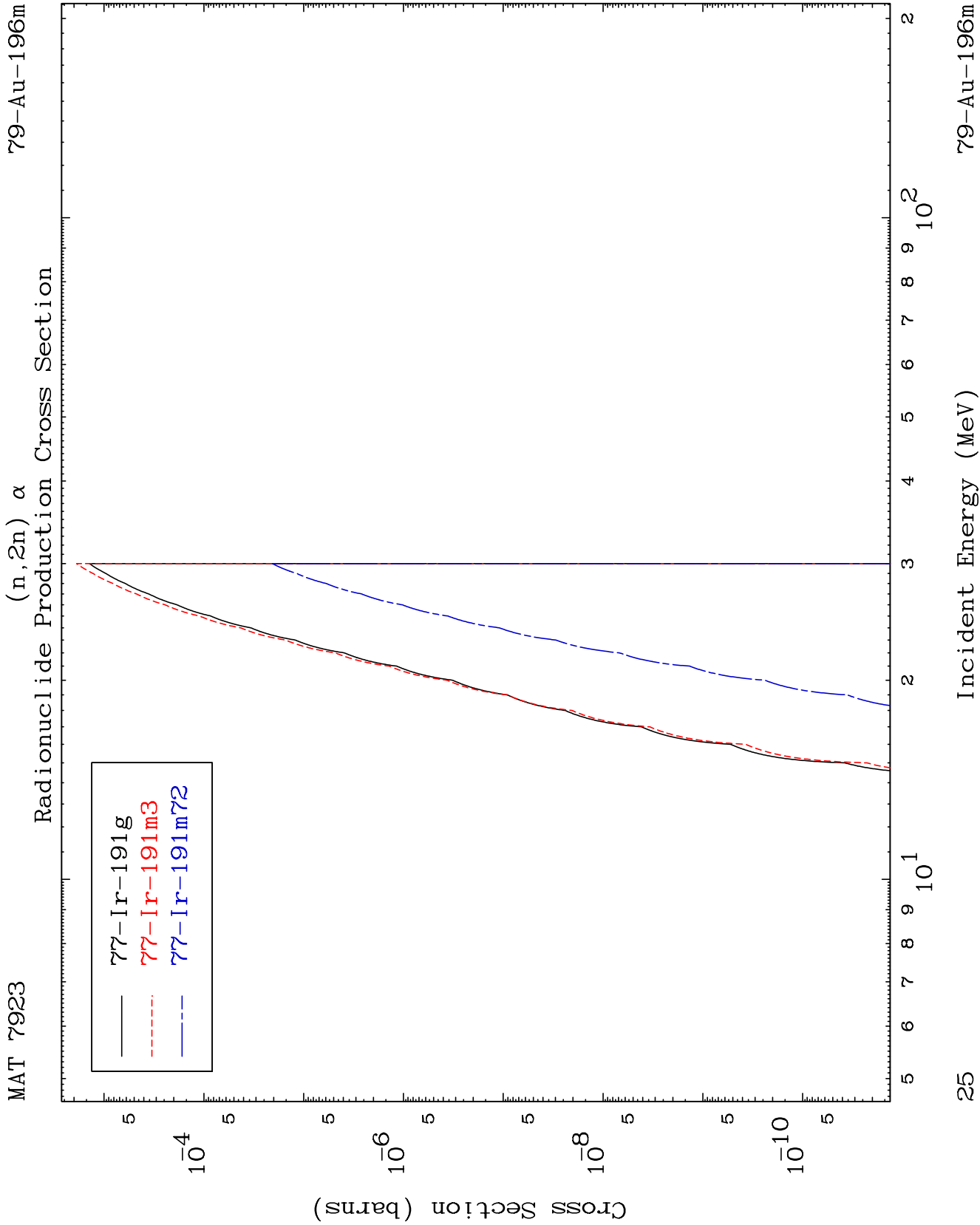


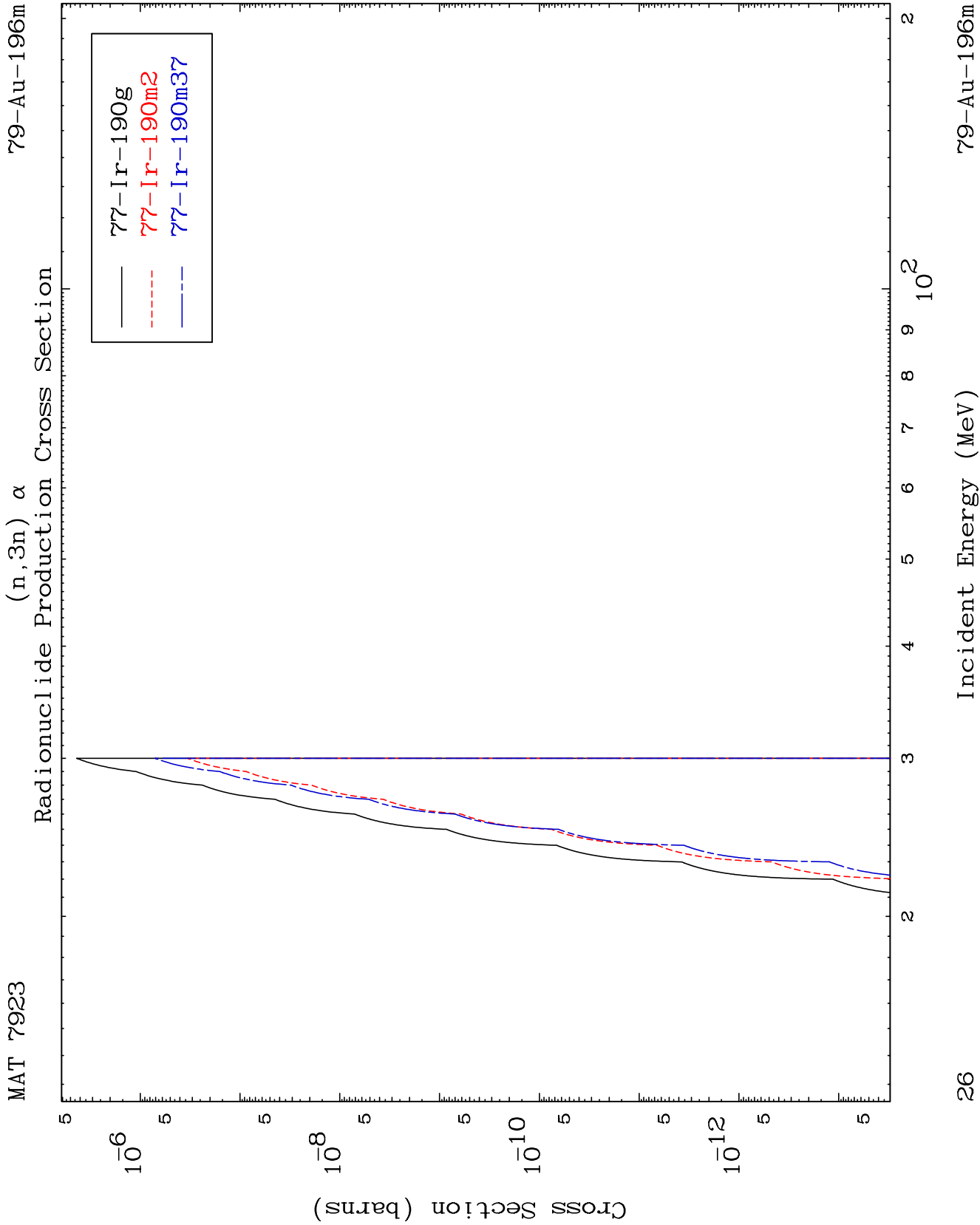
23

Incident Energy (MeV)

⁷⁹Au-196m



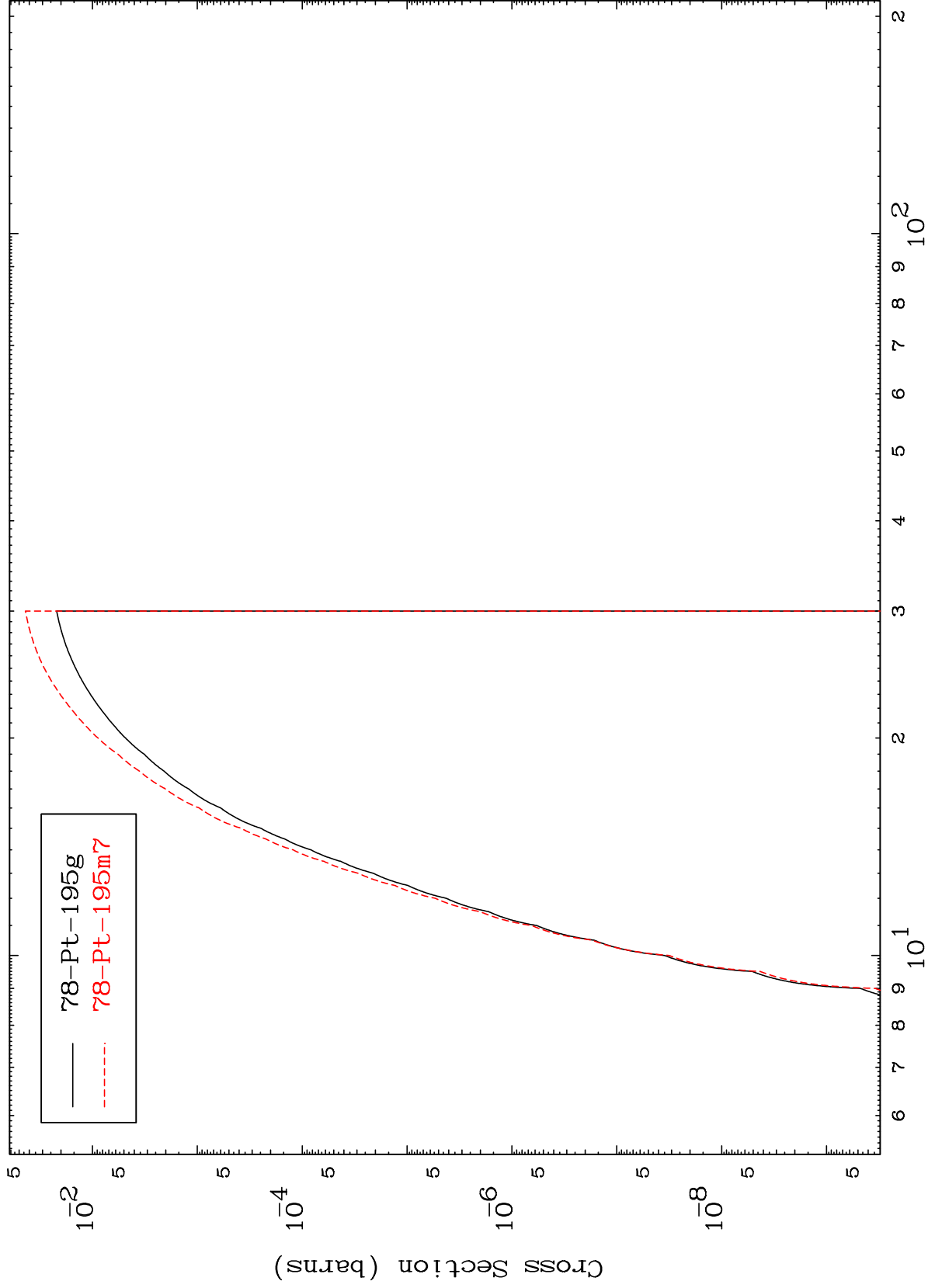




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$^{79}\text{Au-196m}$

Radionuclide Production Cross Section

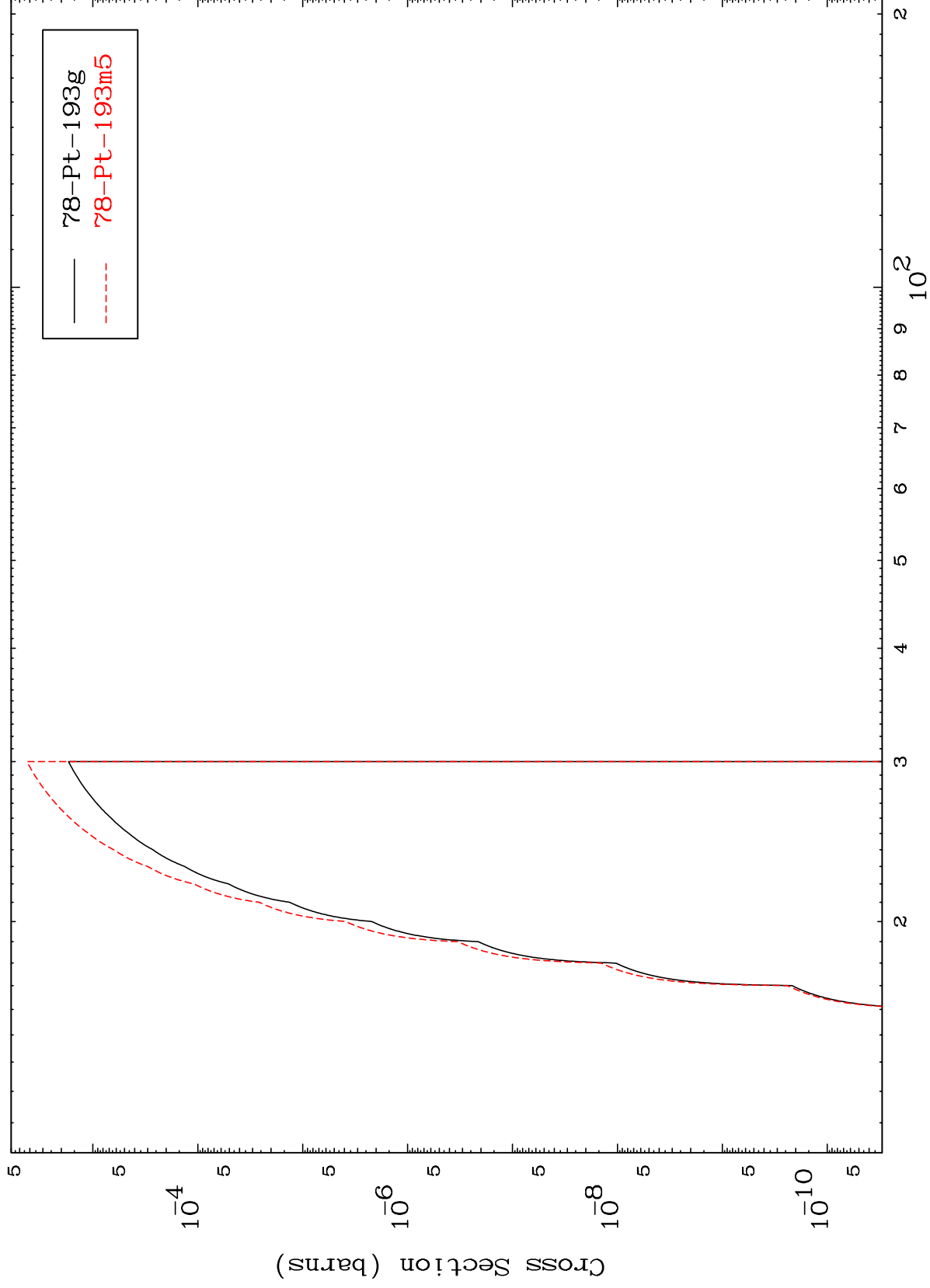


Incident Energy (MeV)

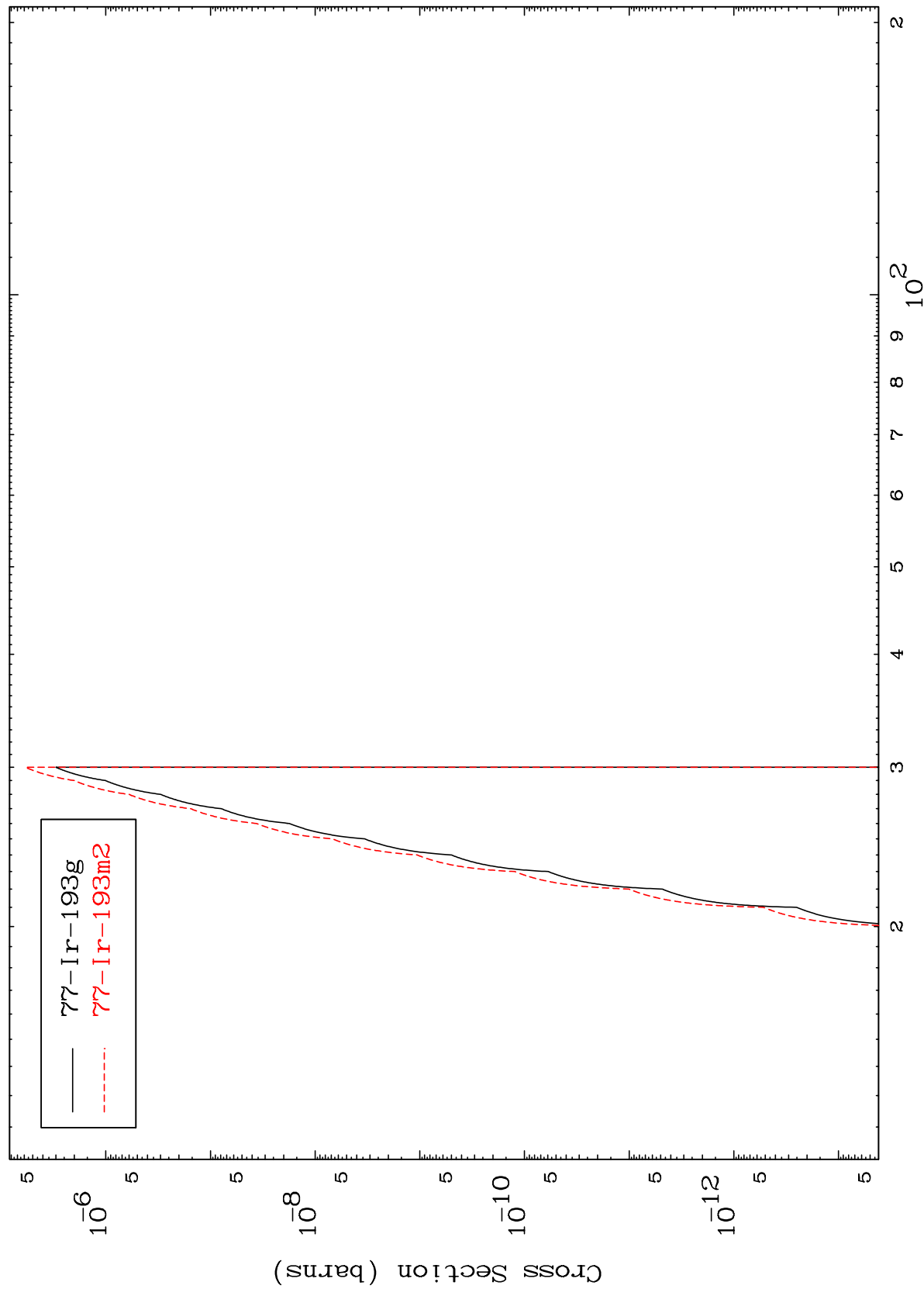
$^{79}\text{Au-196m}$

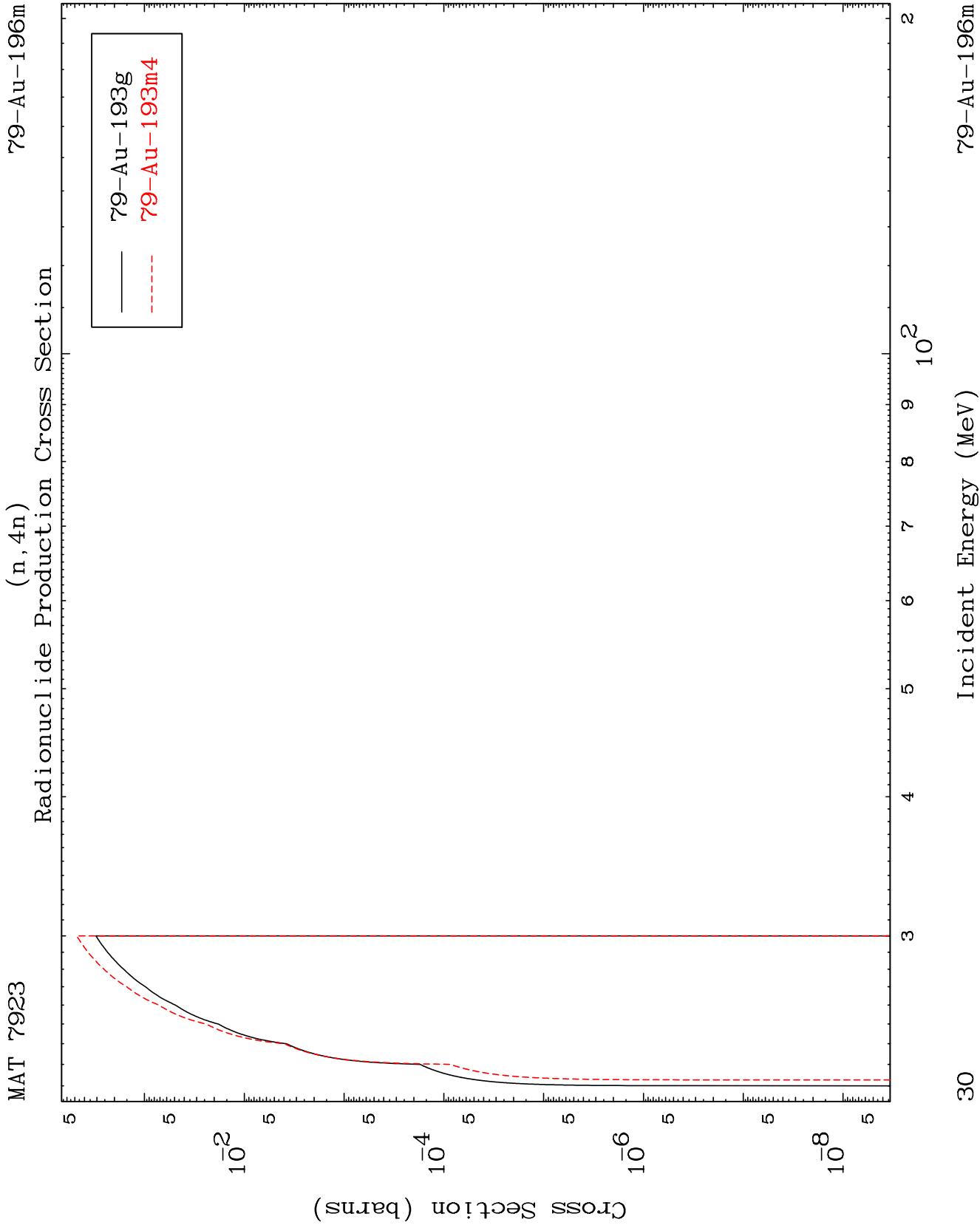
27

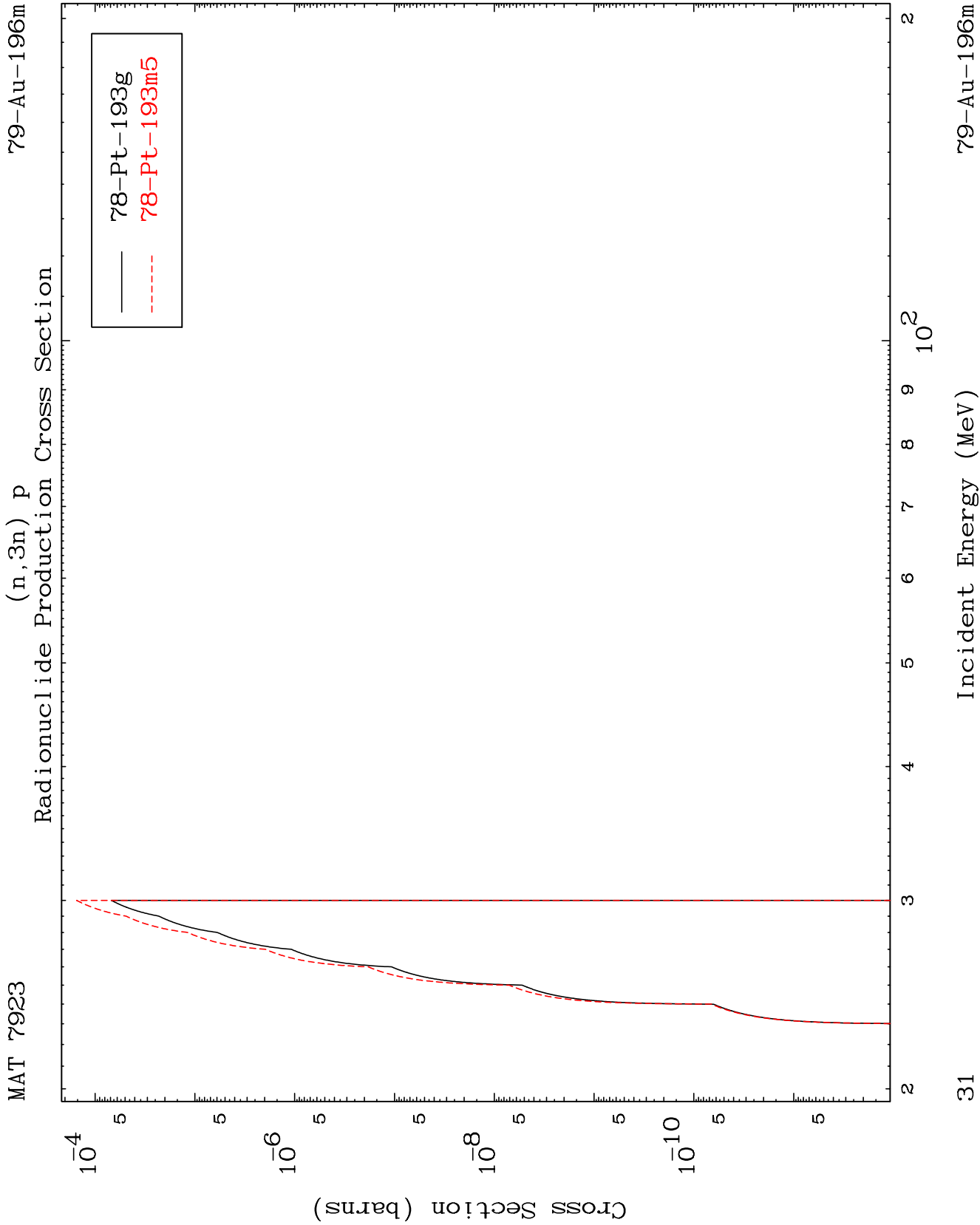
Radionuclide Production Cross Section



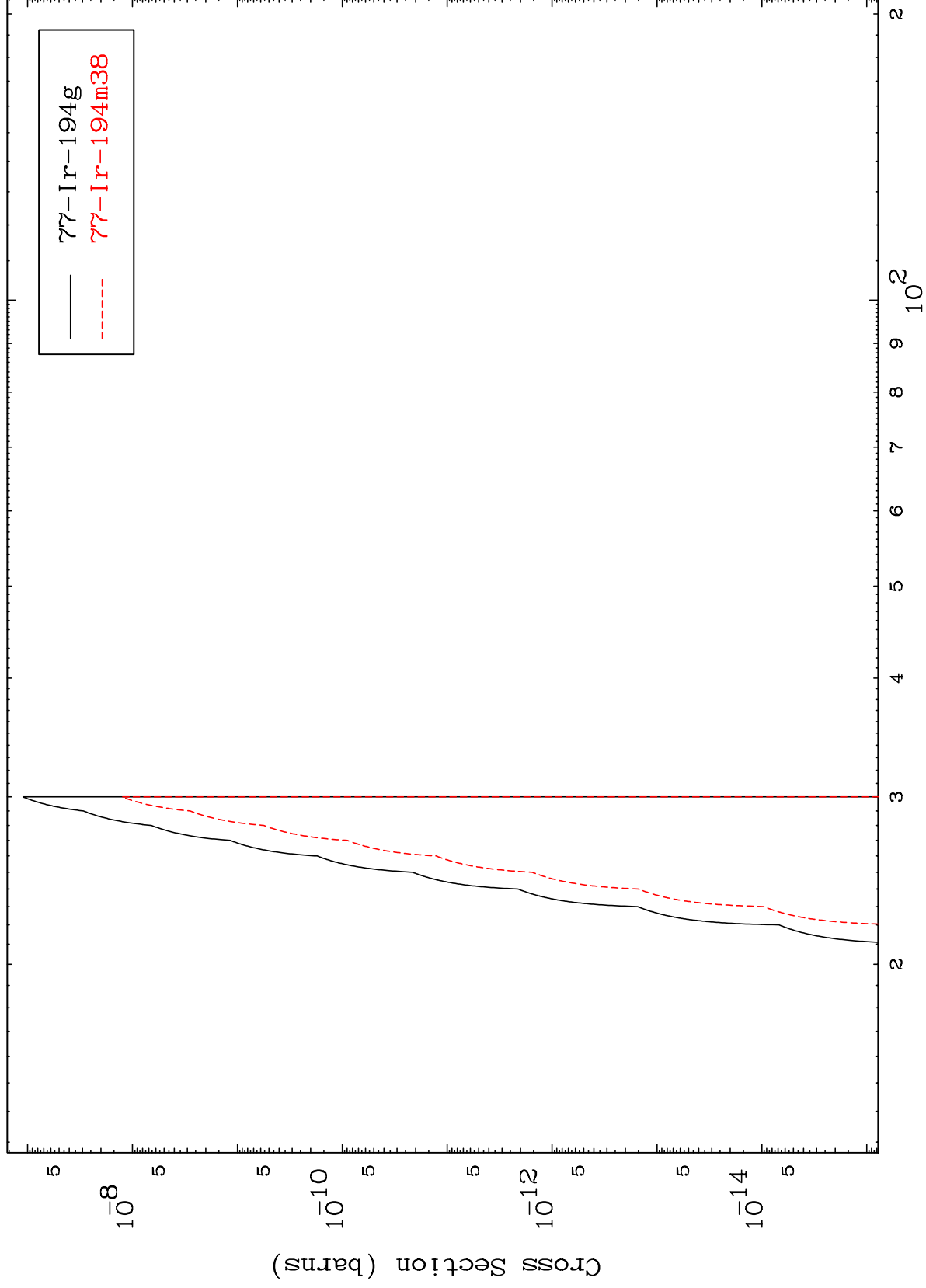
(n,n') He-3
Radionuclide Production Cross Section







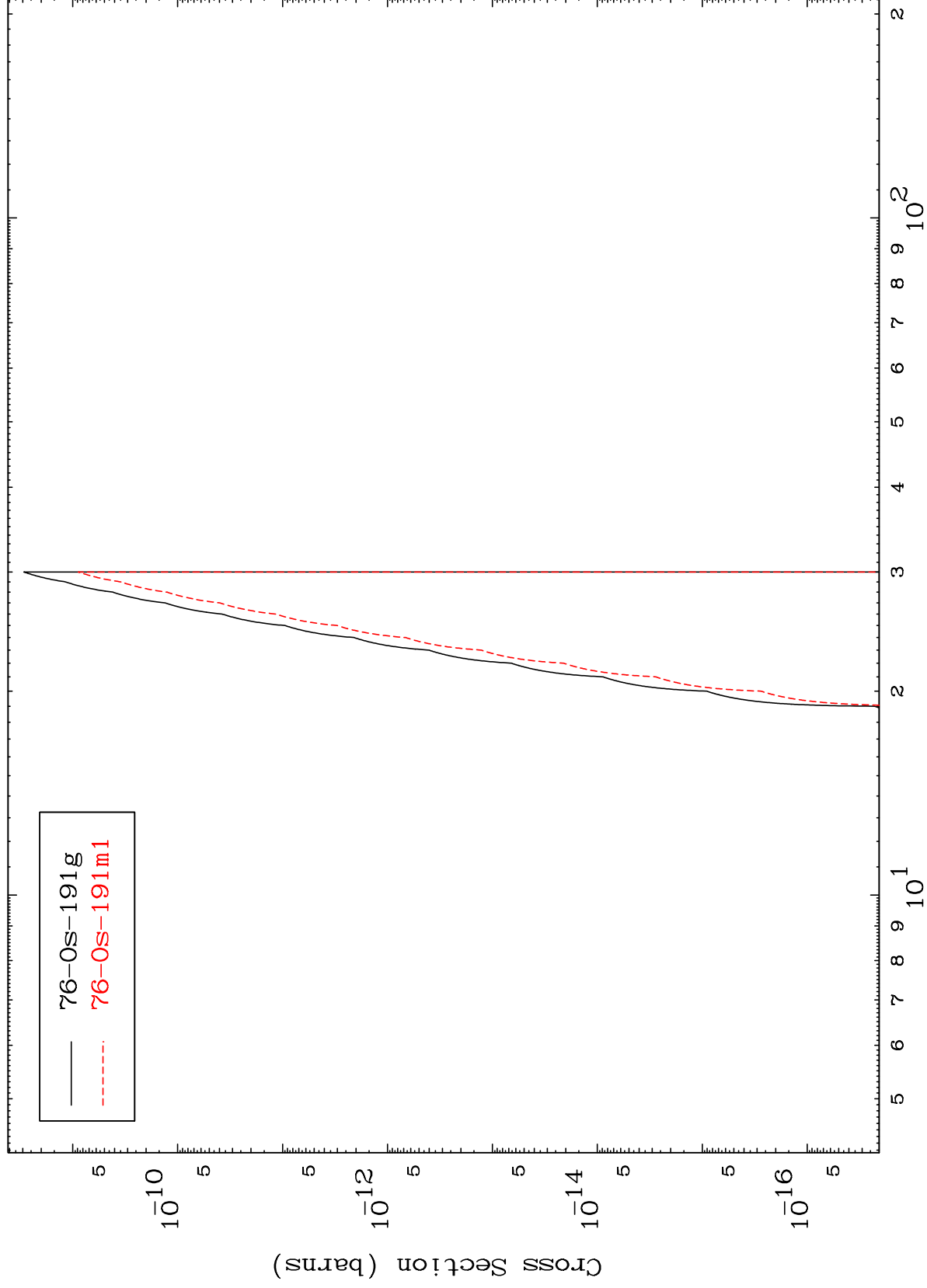
(n,2n) p
Radionuclide Production Cross Section



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$^{79}\text{Au-196m}$

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



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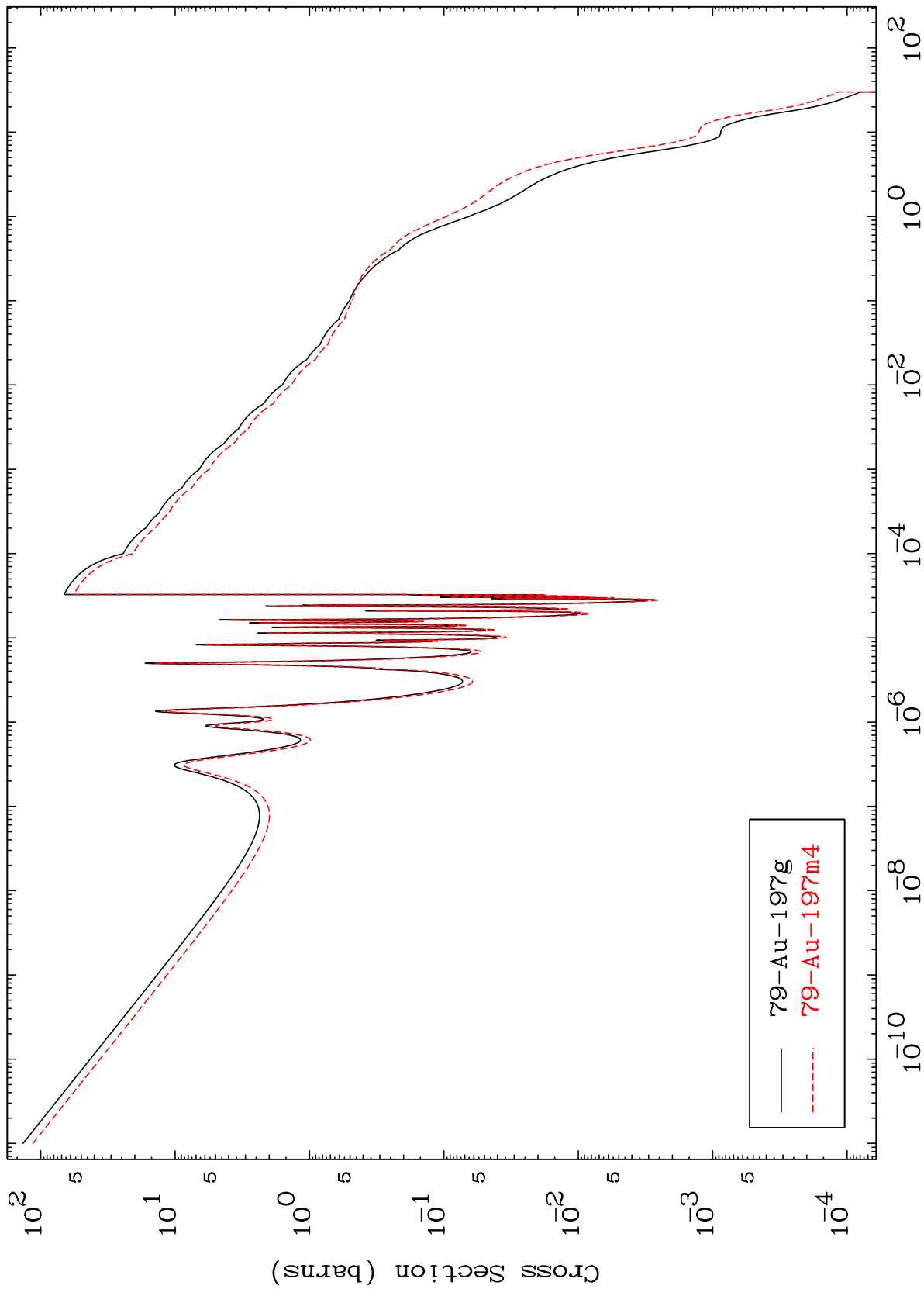
Incident Energy (MeV)

$^{79}\text{Au-196m}$

MAT 7923

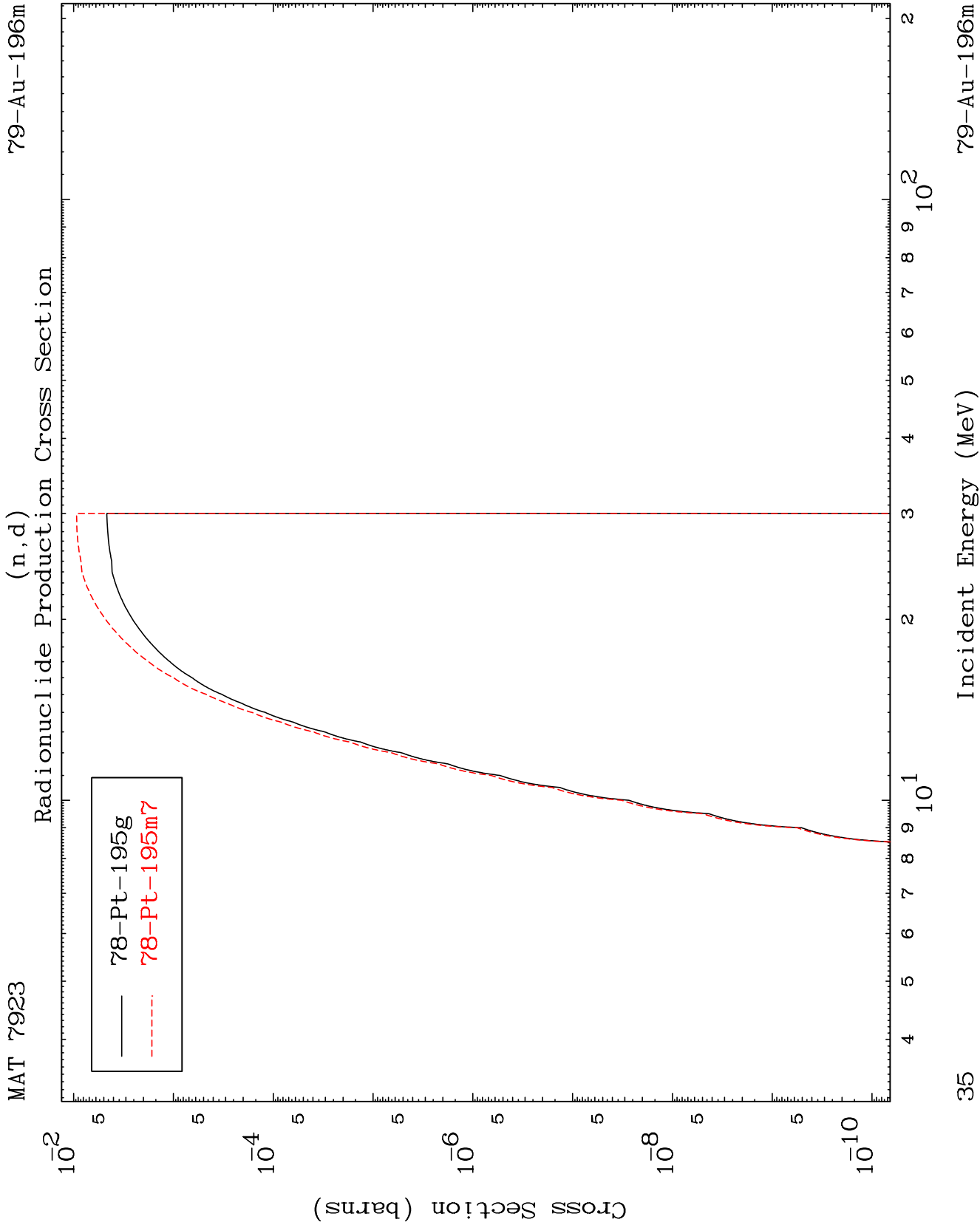
79-Au-196m

Radionuclide Production Cross Section
(n, γ)

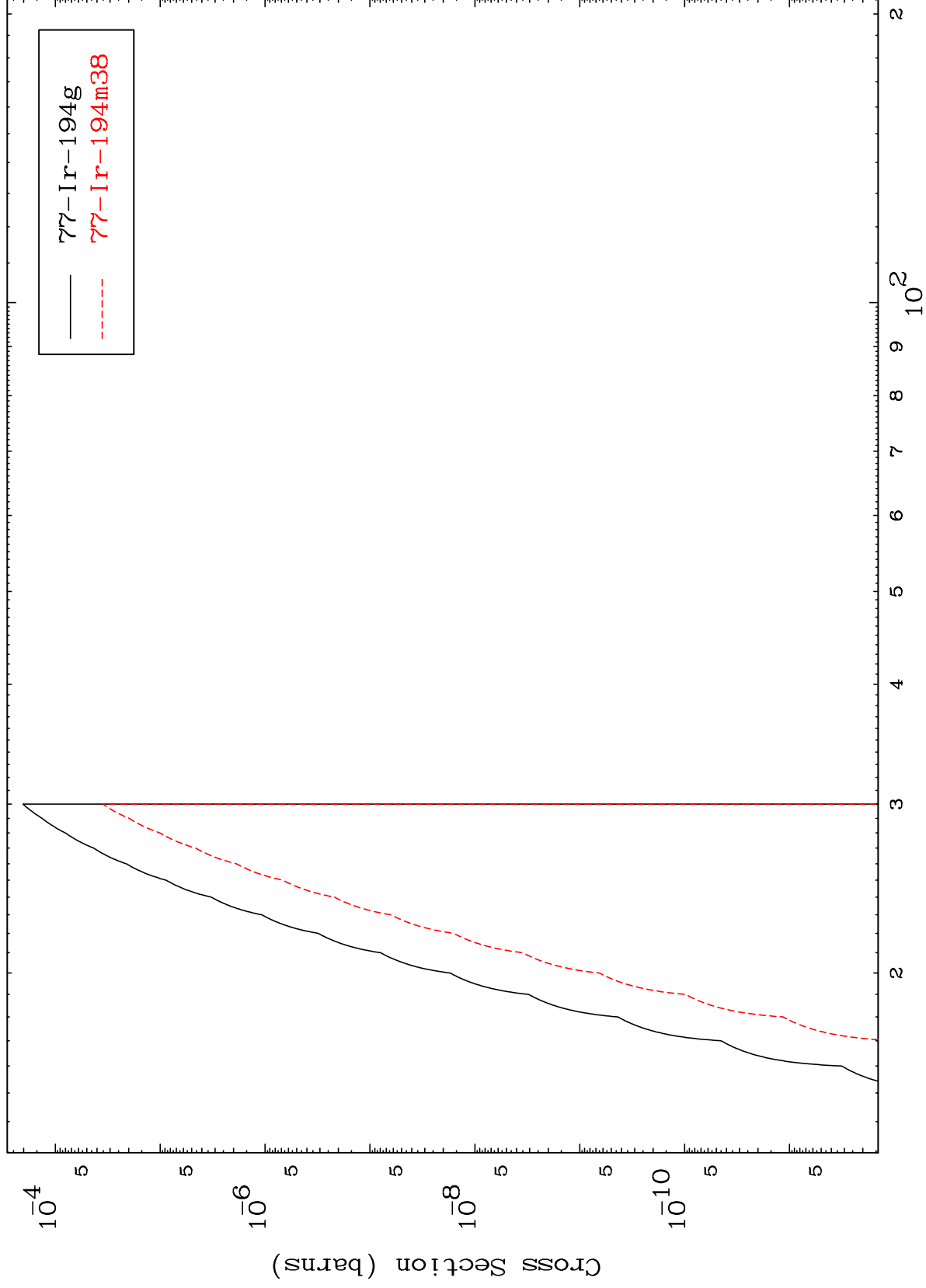


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79-Au-196m



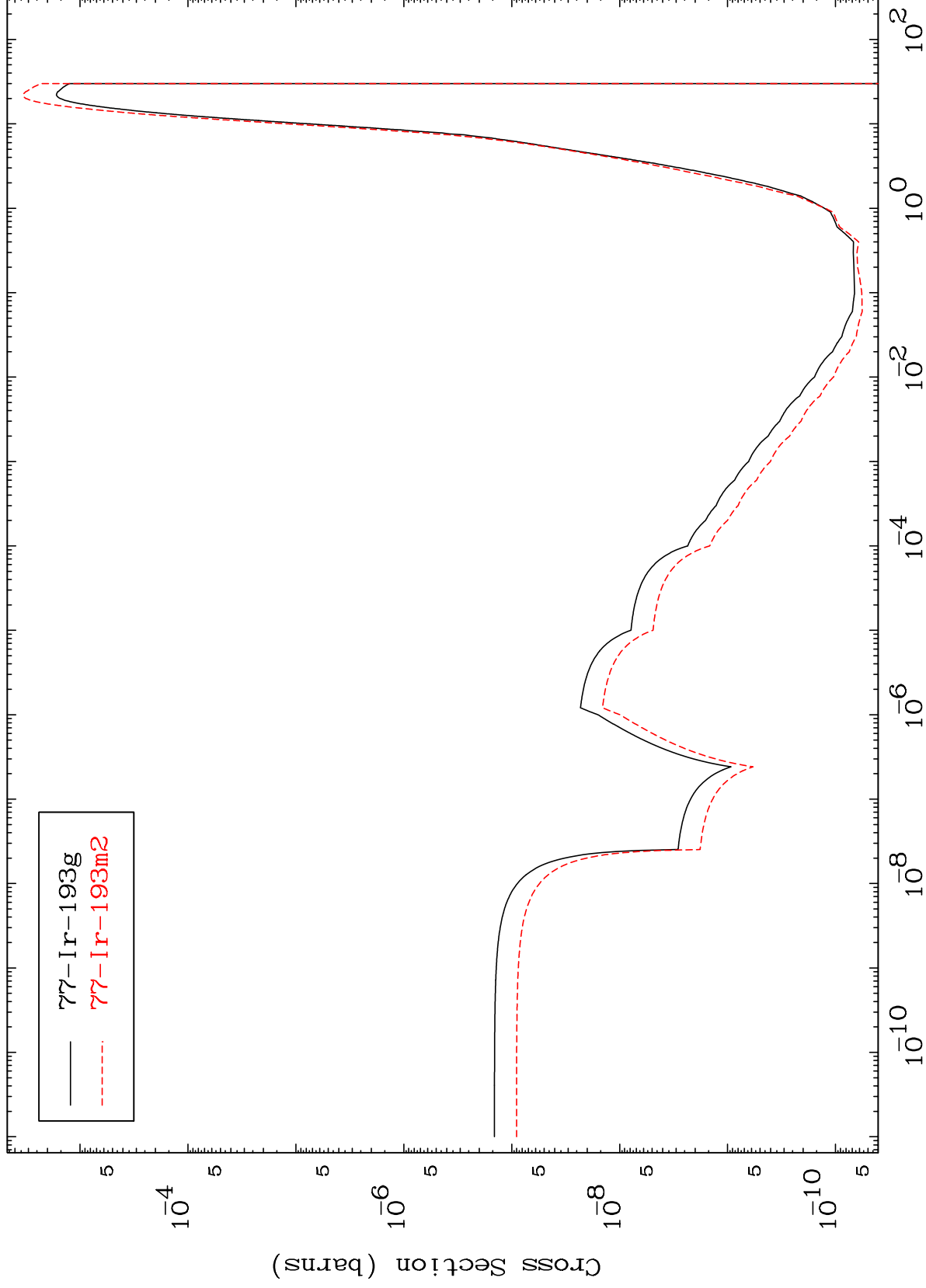
Radionuclide Production Cross Section
(n,He-3)



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$^{79}\text{Au-196m}$

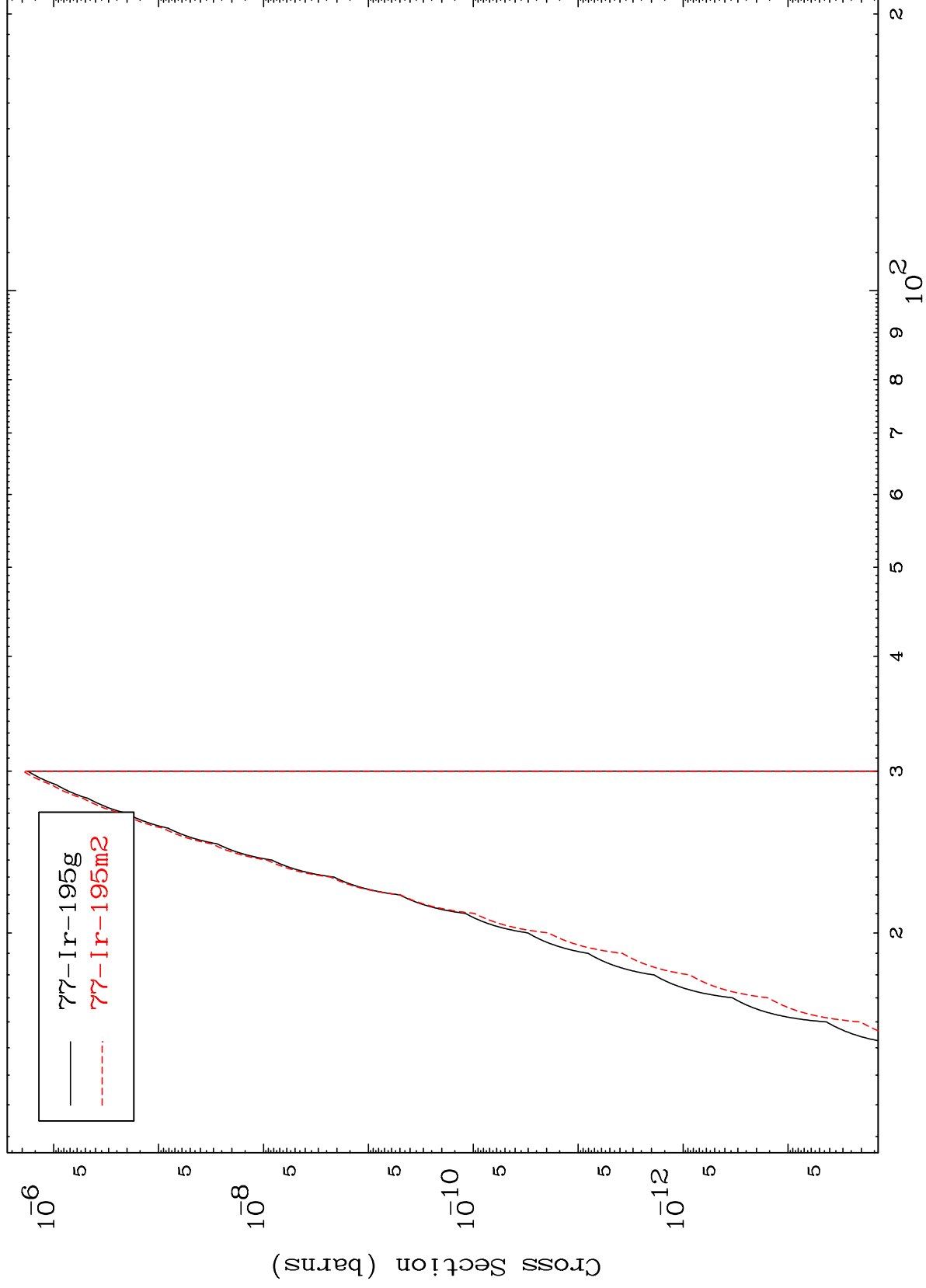
Radionuclide Production Cross Section



37

$^{79}\text{Au-196m}$

(n,2p)
Radionuclide Production Cross Section

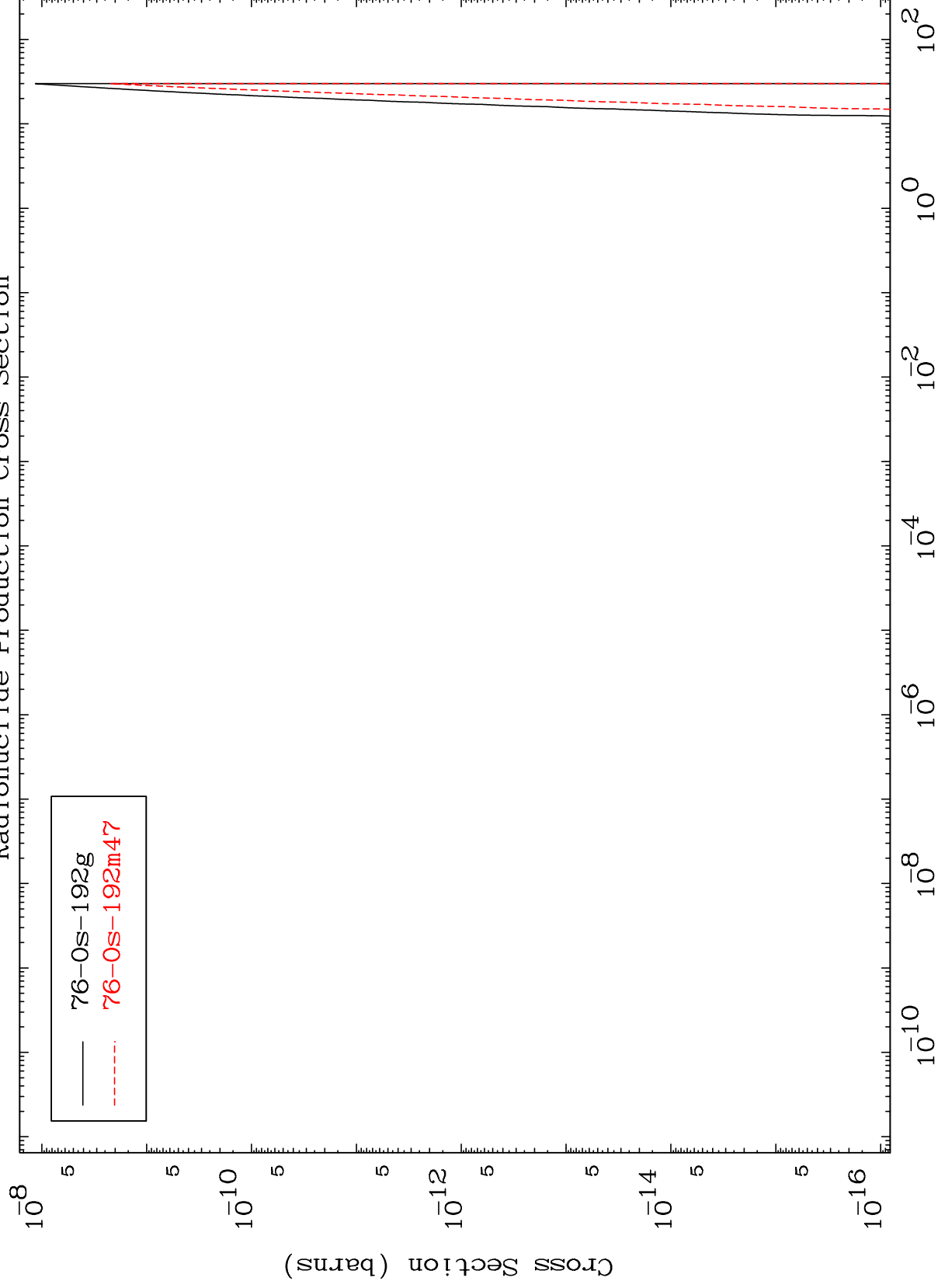


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(n,p) α

$^{79}\text{Au-196m}$

Radionuclide Production Cross Section



39

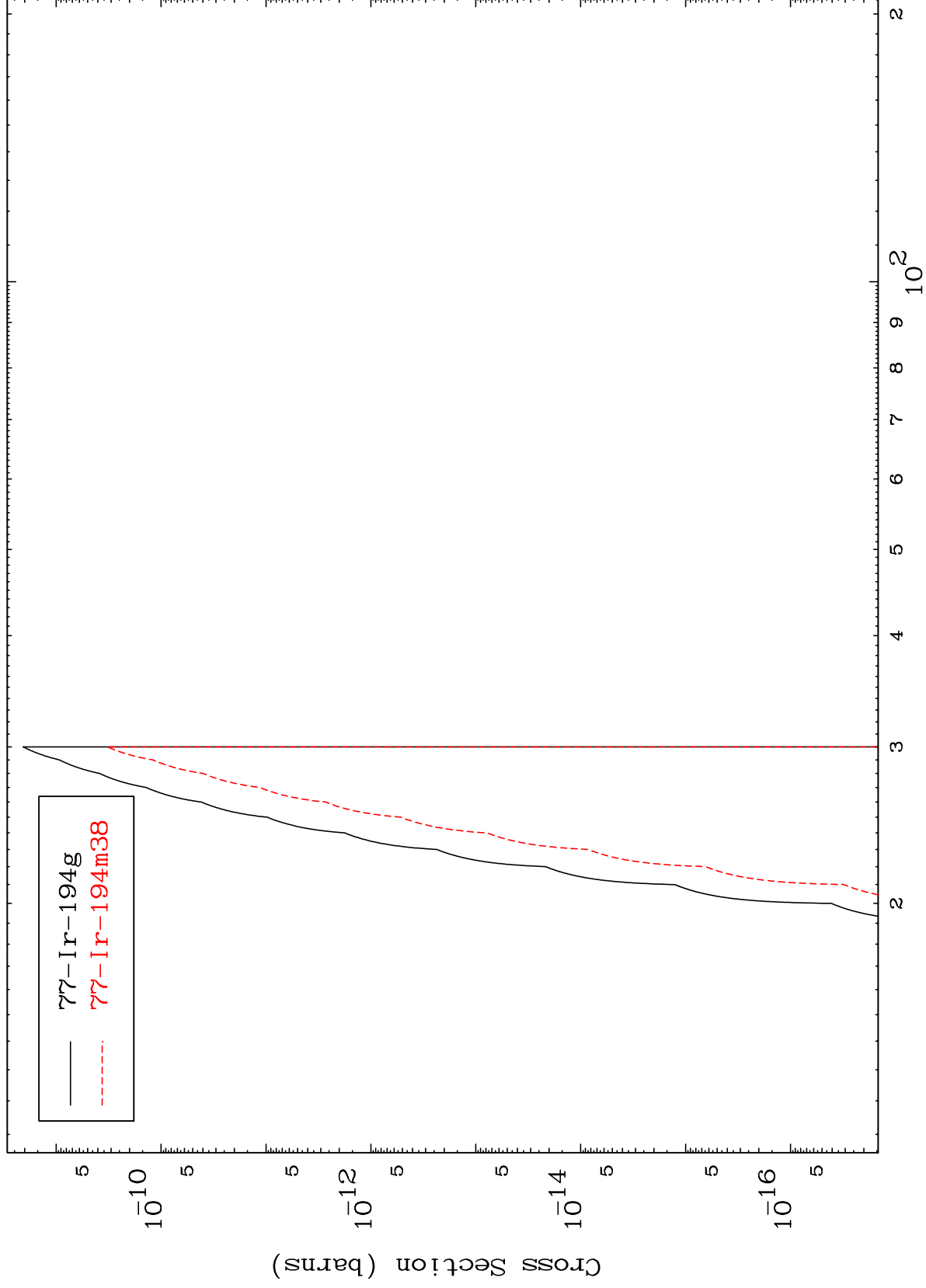
Incident Energy (MeV)

$^{79}\text{Au-196m}$

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⁷⁹Au-196m

(n,p) d
Radionuclide Production Cross Section



40

Incident Energy (MeV)

⁷⁹Au-196m

(n,p) t
Radionuclide Production Cross Section

