

Program EVALPLOT
(Version 2021-1)

by

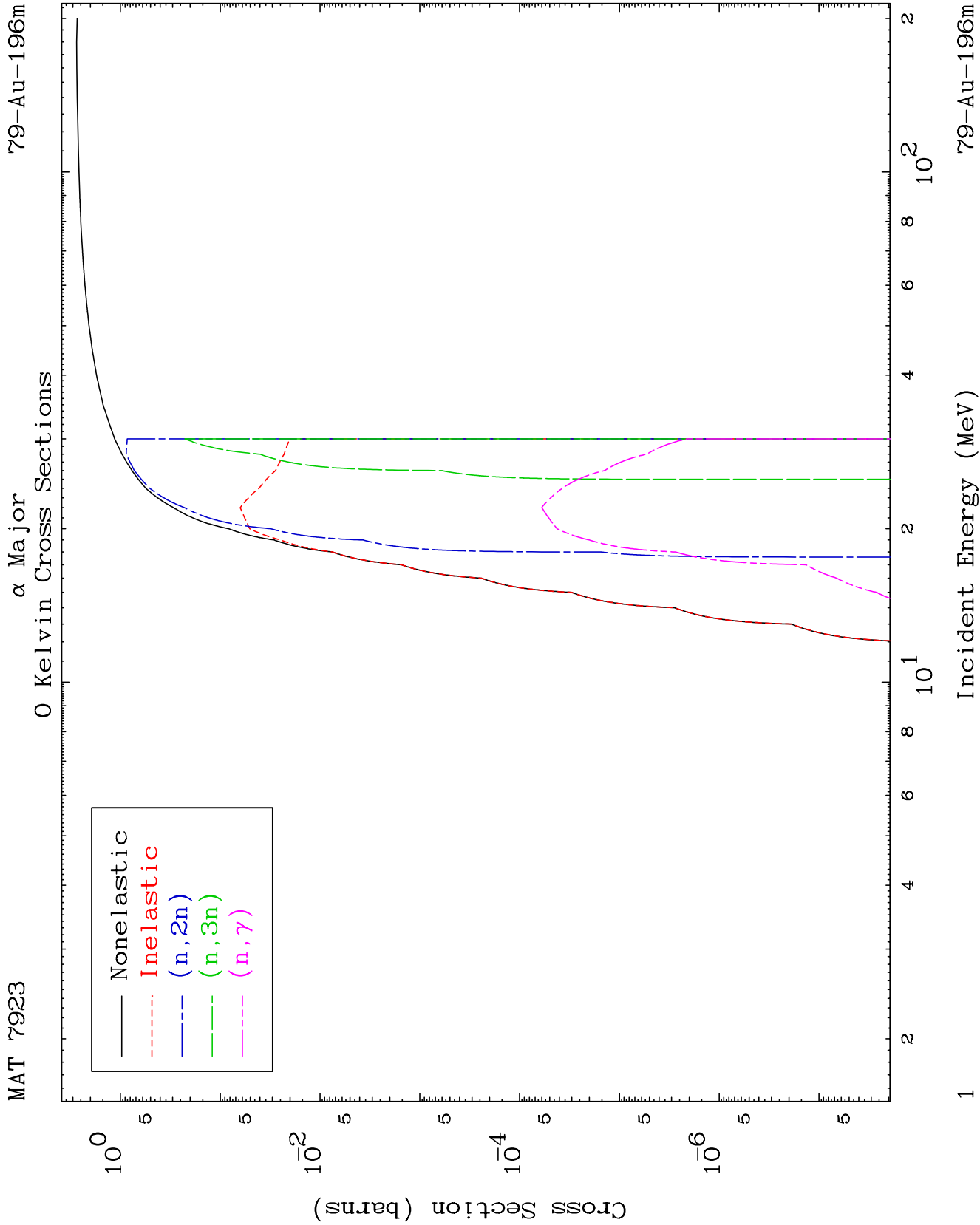
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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

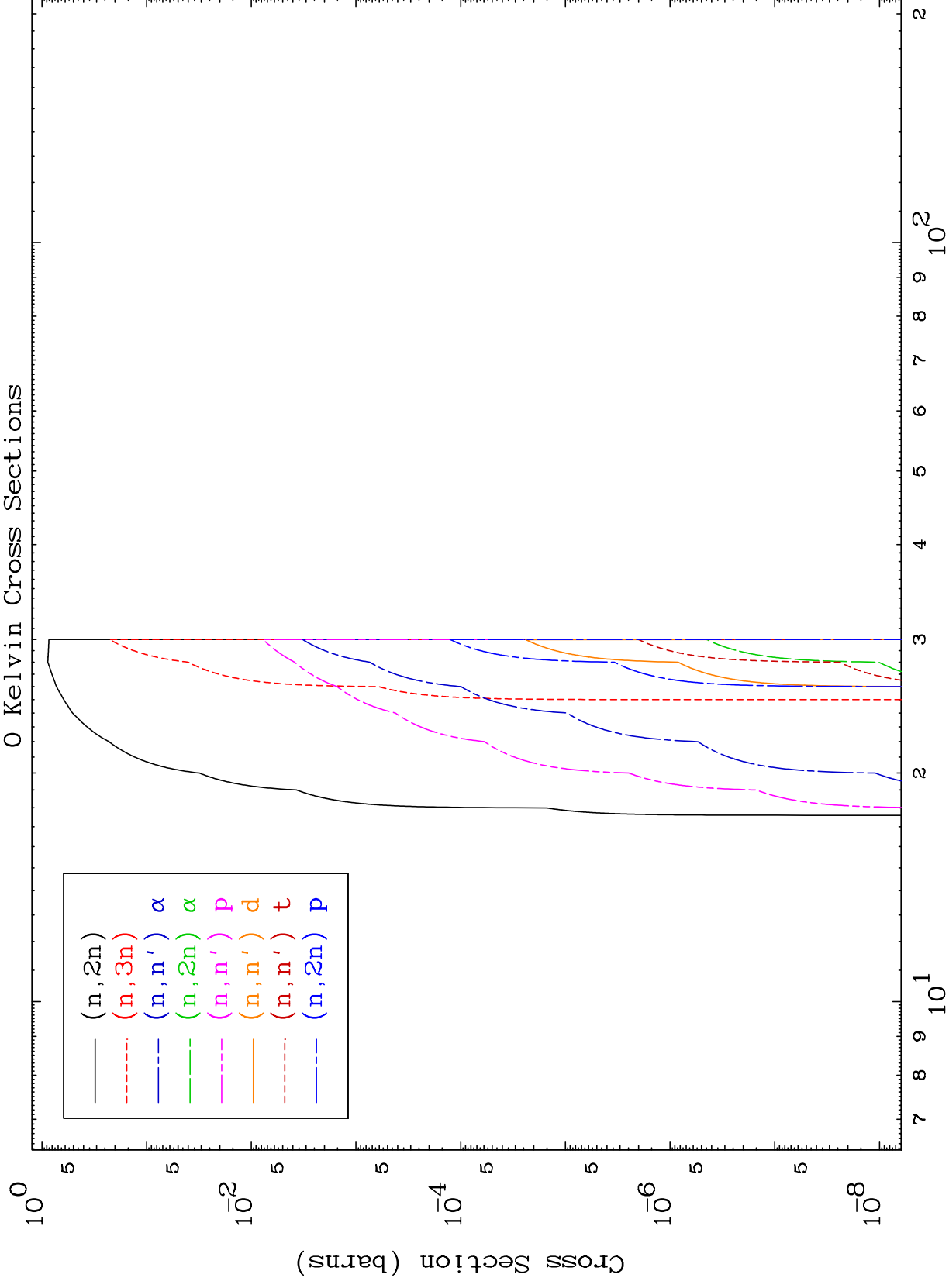
Press Mouse Button to Start



MAT 7923

α Neutron Absorption 0 Kelvin Cross Sections

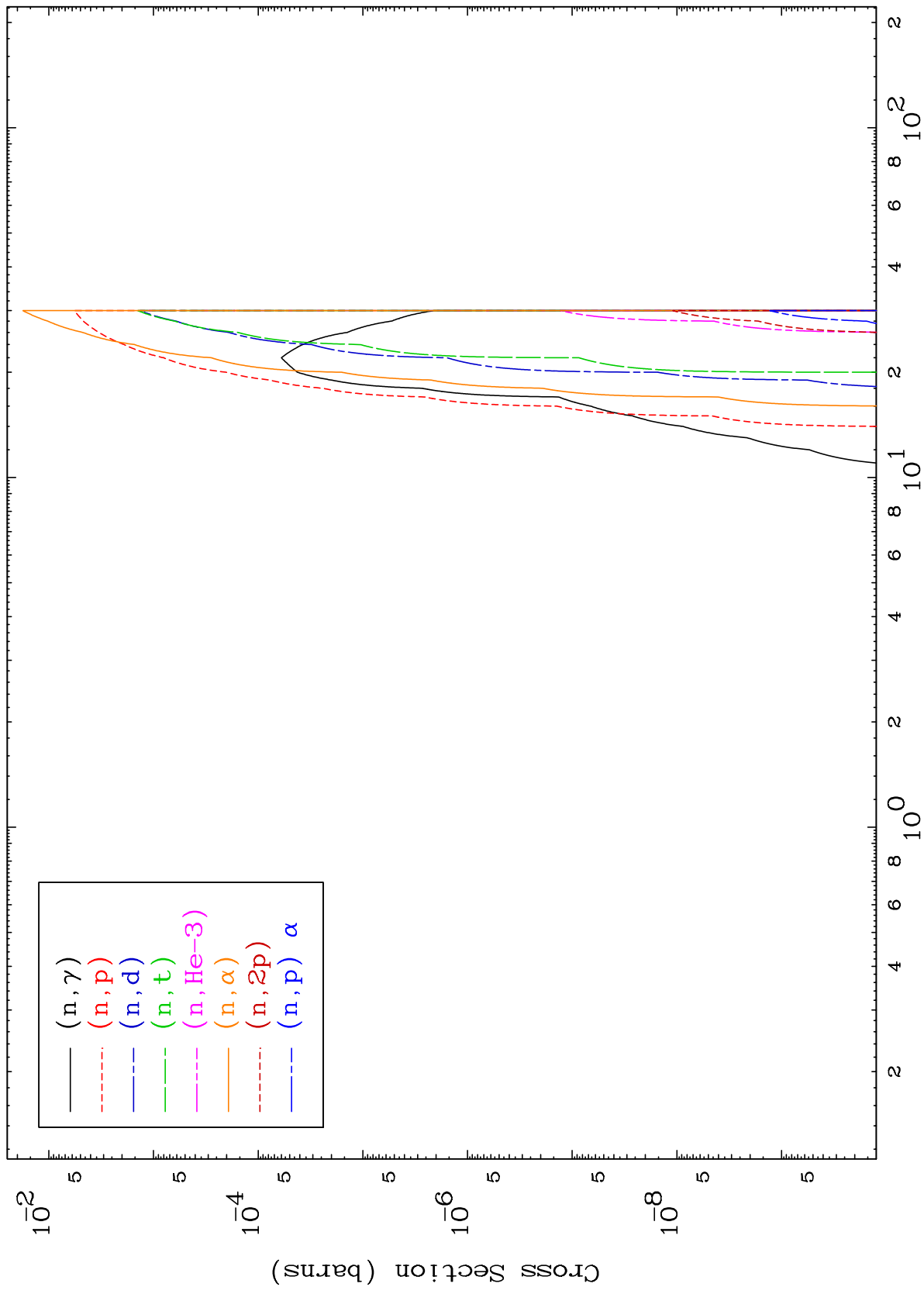
79-Au-196m

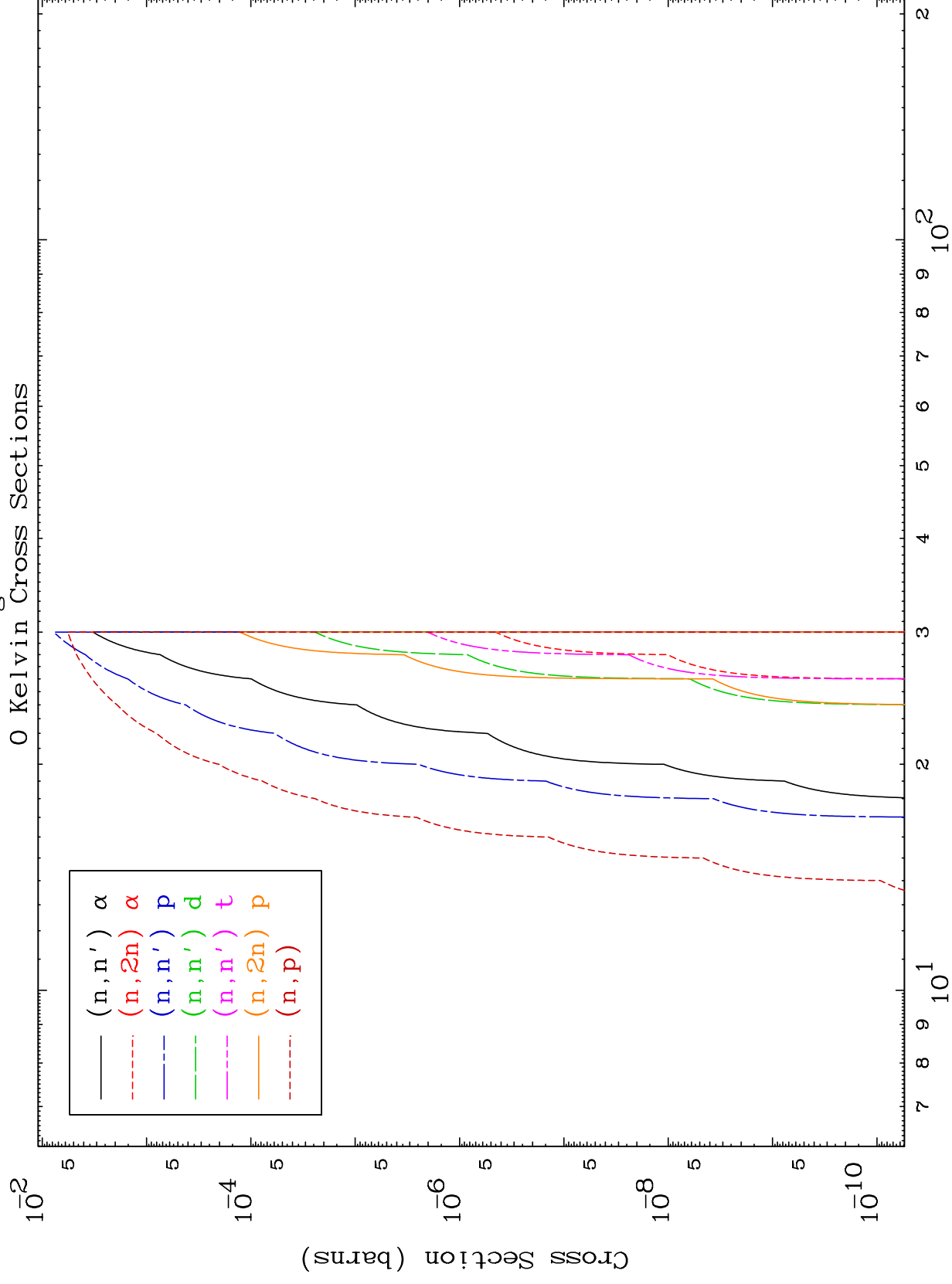


79-Au-196m

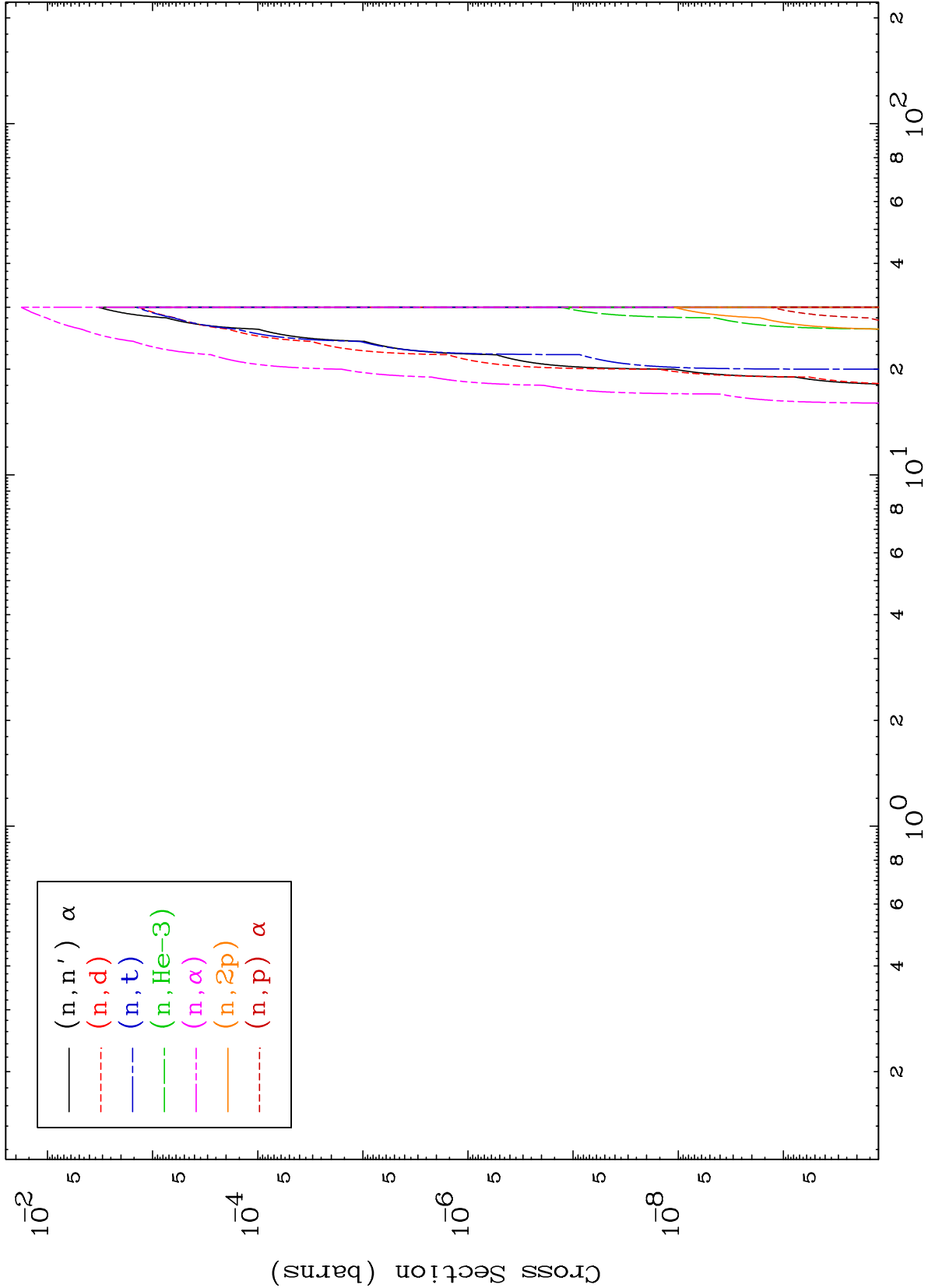
Incident Energy (MeV)

0 Kelvin Cross Sections





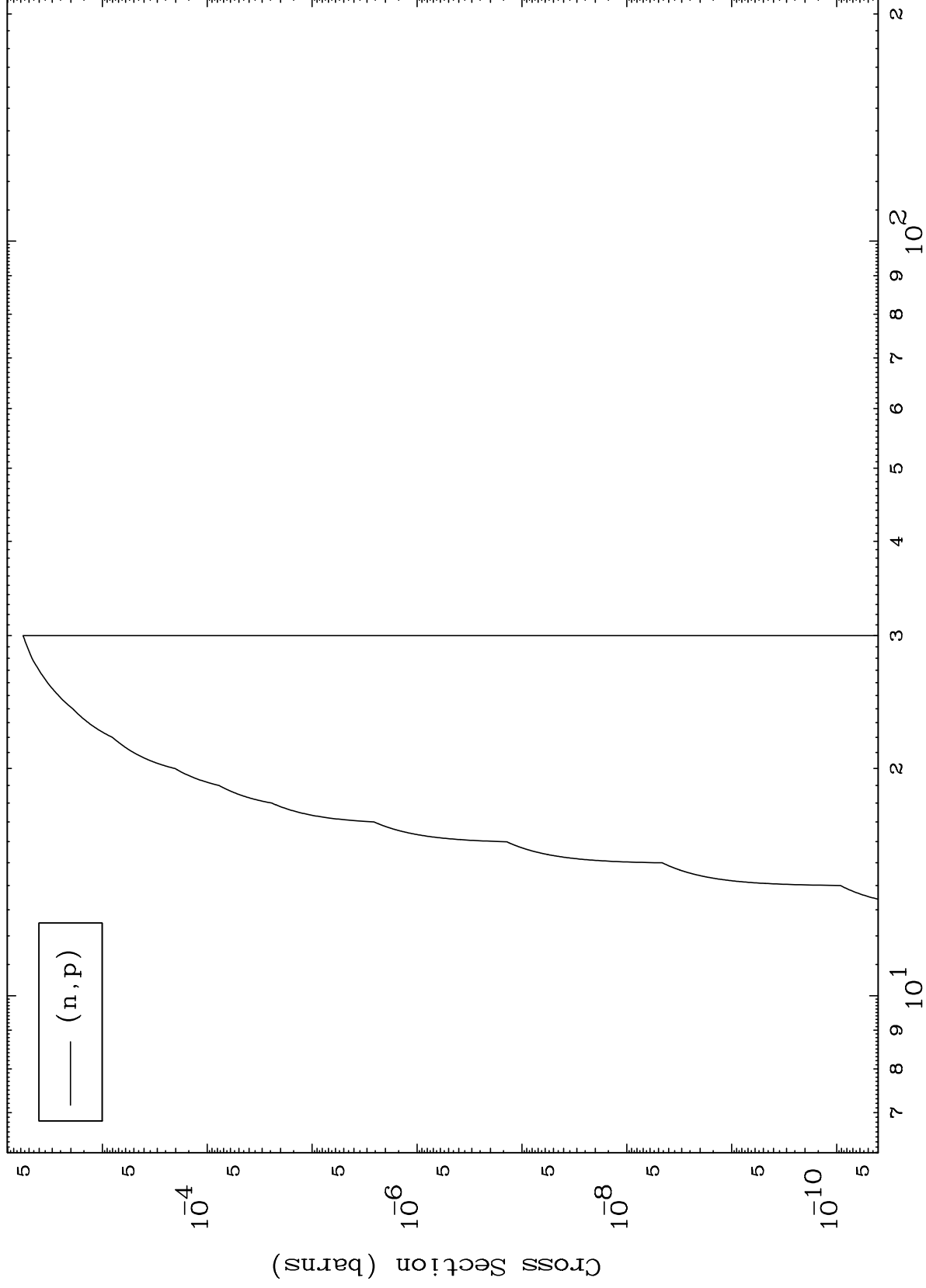
0 Kelvin Cross Sections



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79-Au-196m

(α, p) Levels
0 Kelvin Cross Sections



79-Au-196m

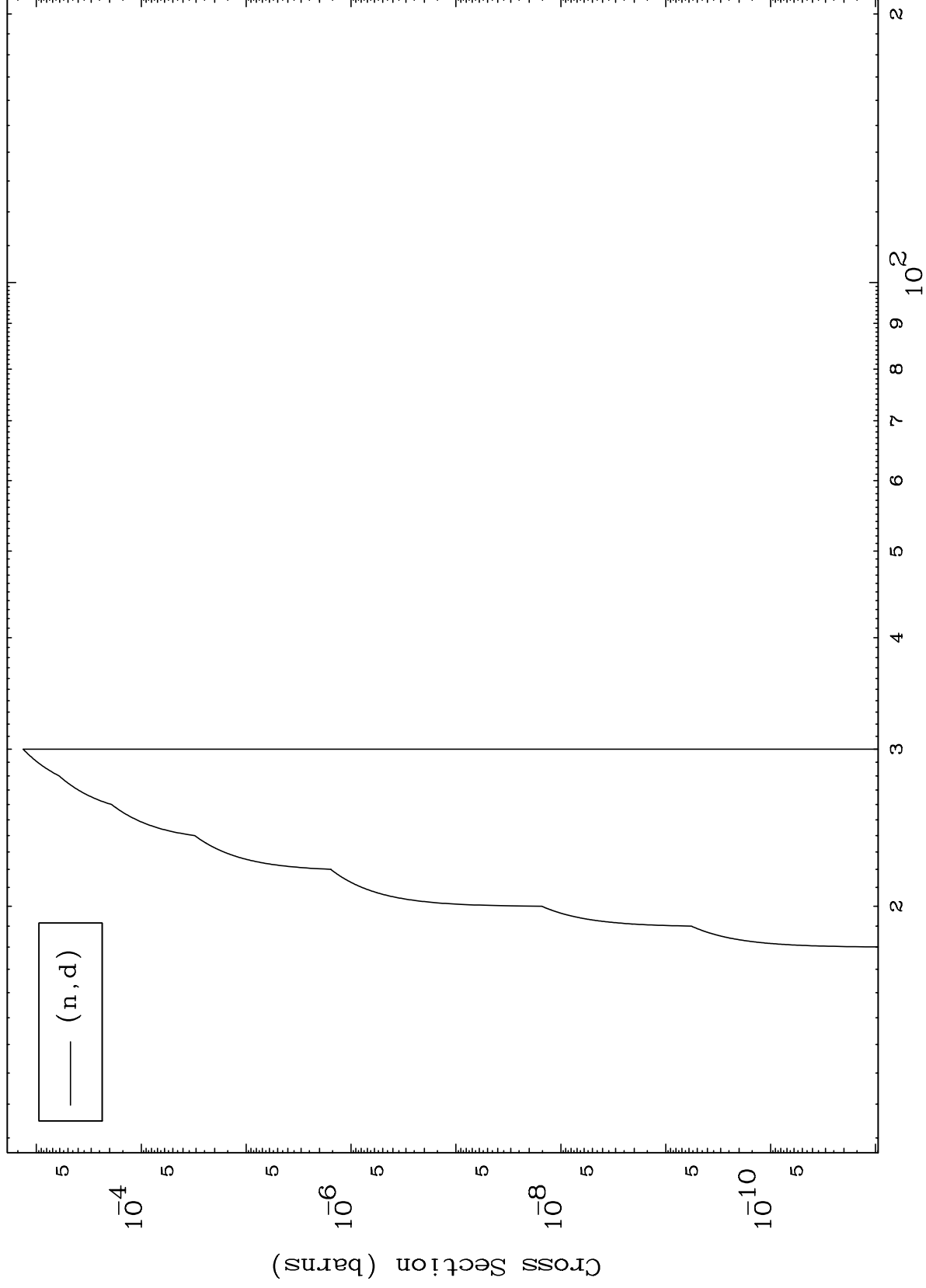
Incident Energy (MeV)

6

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79-Au-196m

(α ,d) Levels
0 Kelvin Cross Sections

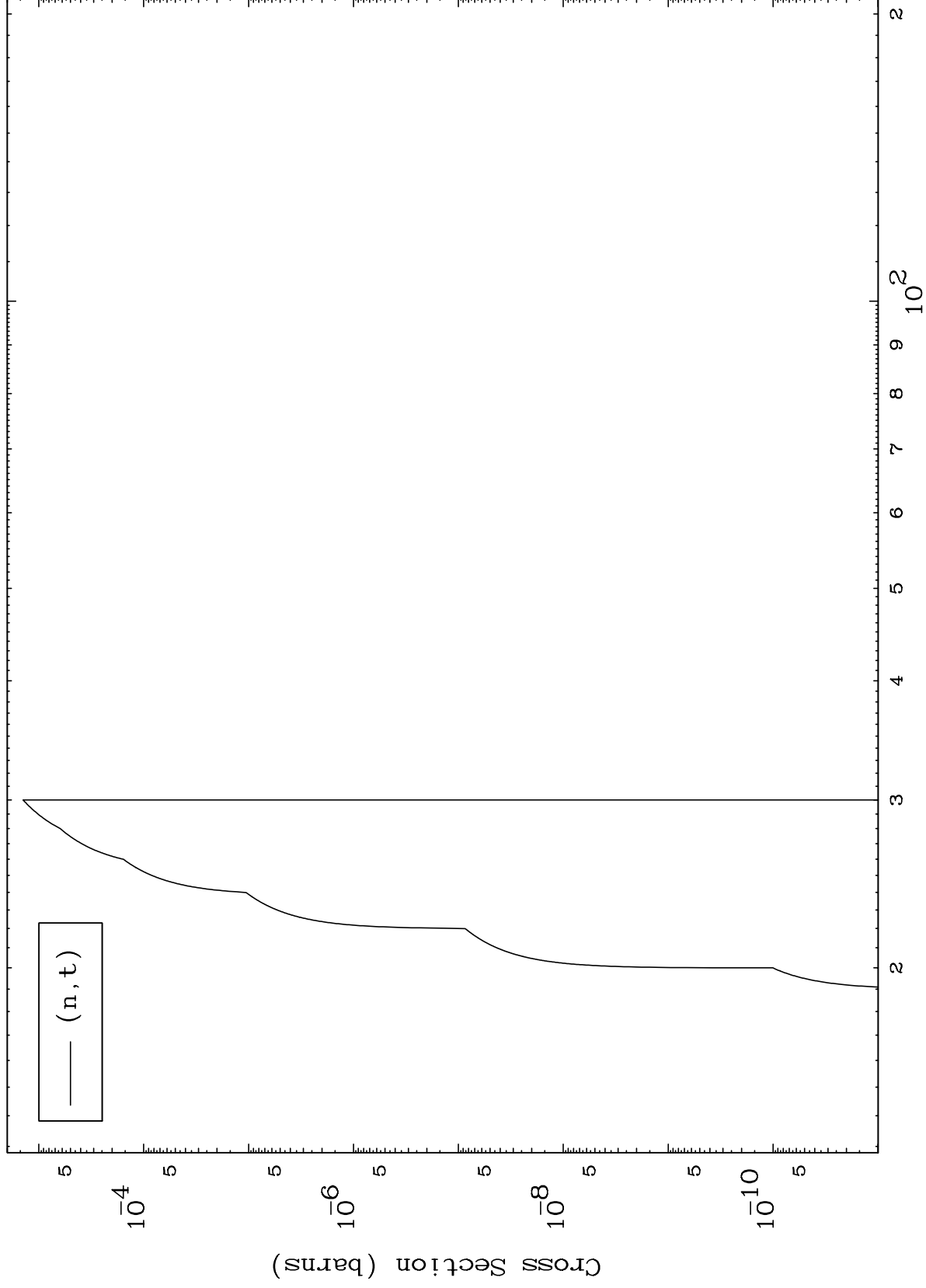


7

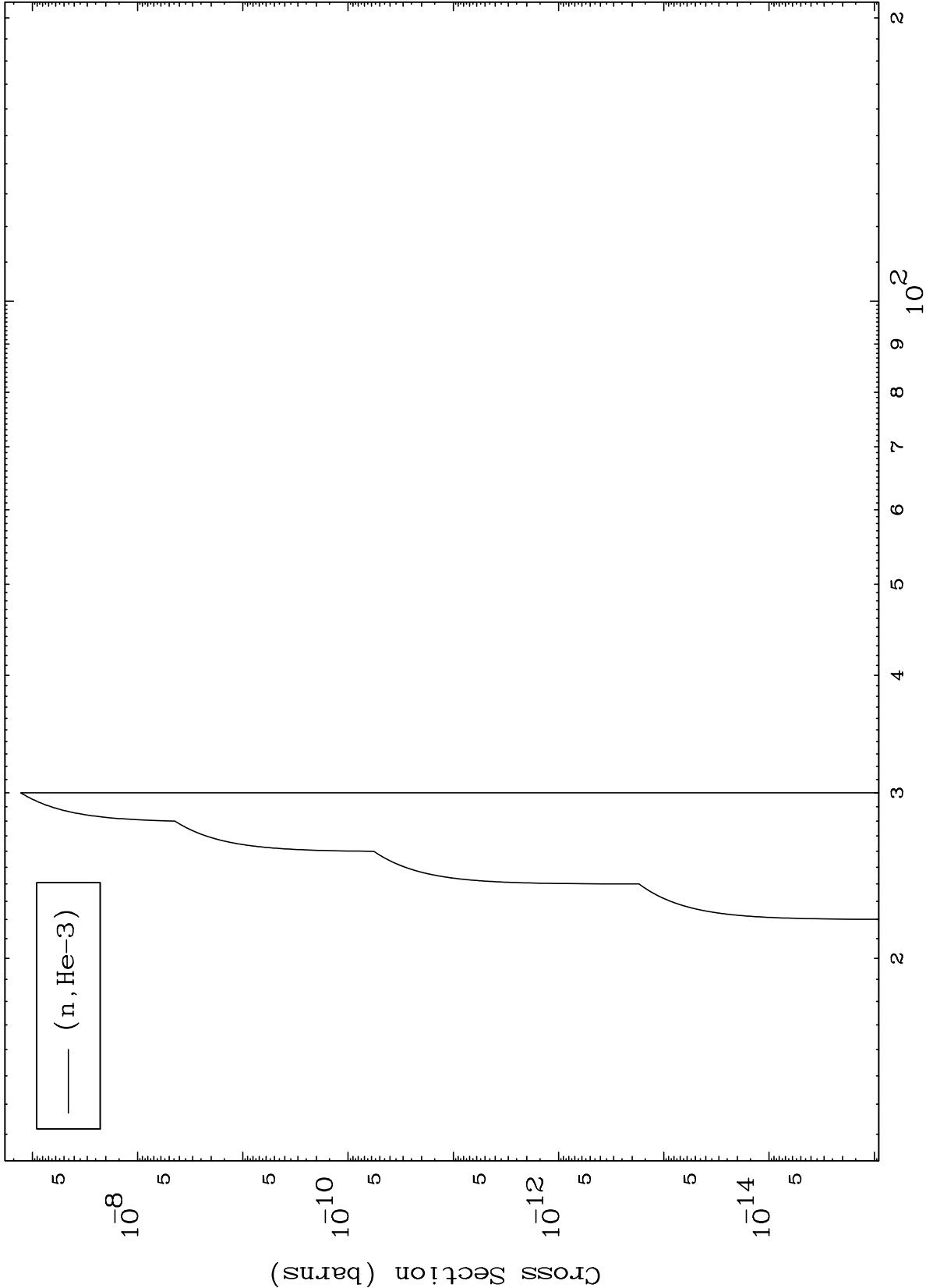
Incident Energy (MeV)

79-Au-196m

(α, t) Levels
0 Kelvin Cross Sections



0 Kelvin Cross Sections

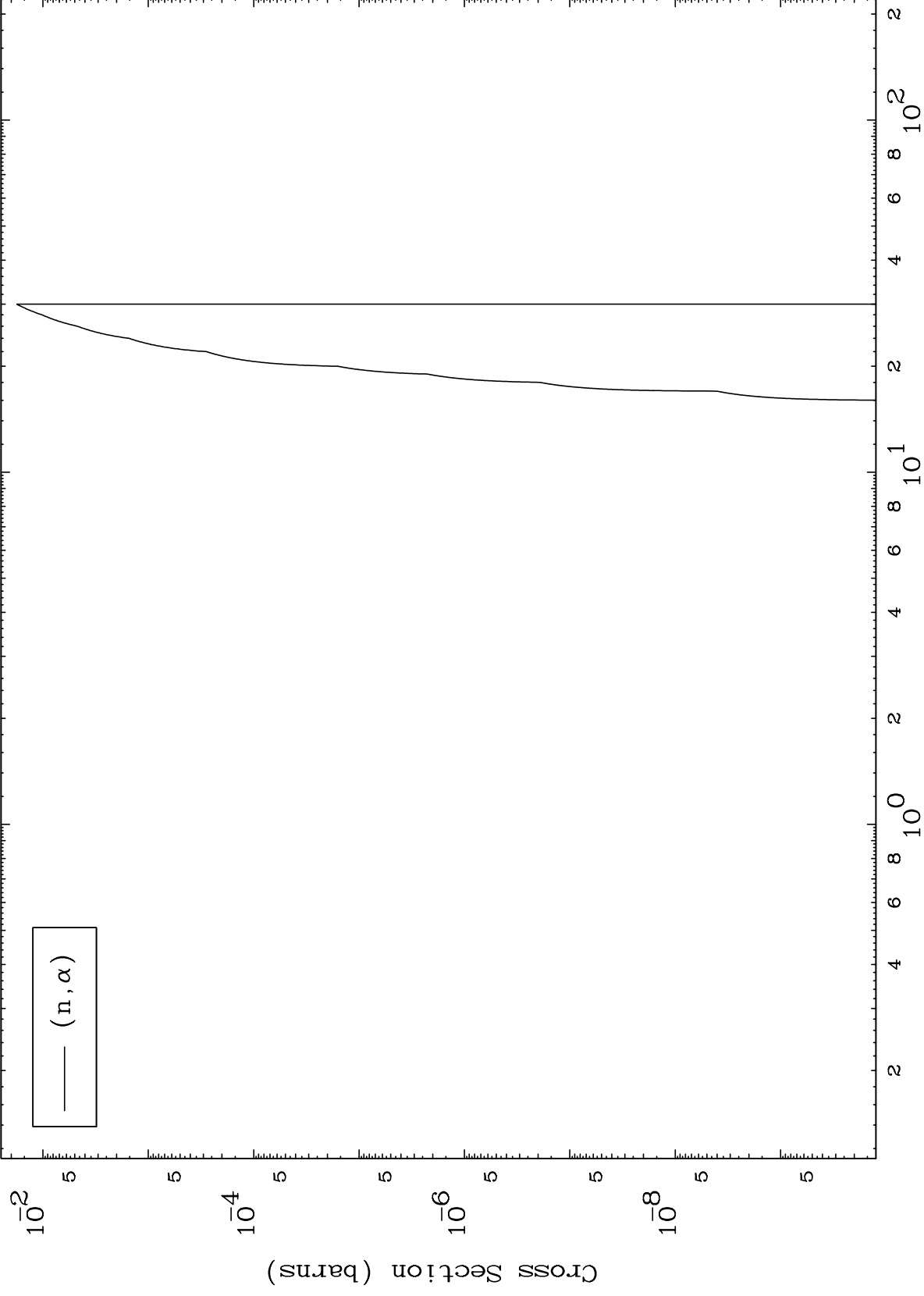


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(α, α) Levels

79-Au-196m

0 Kelvin Cross Sections



10

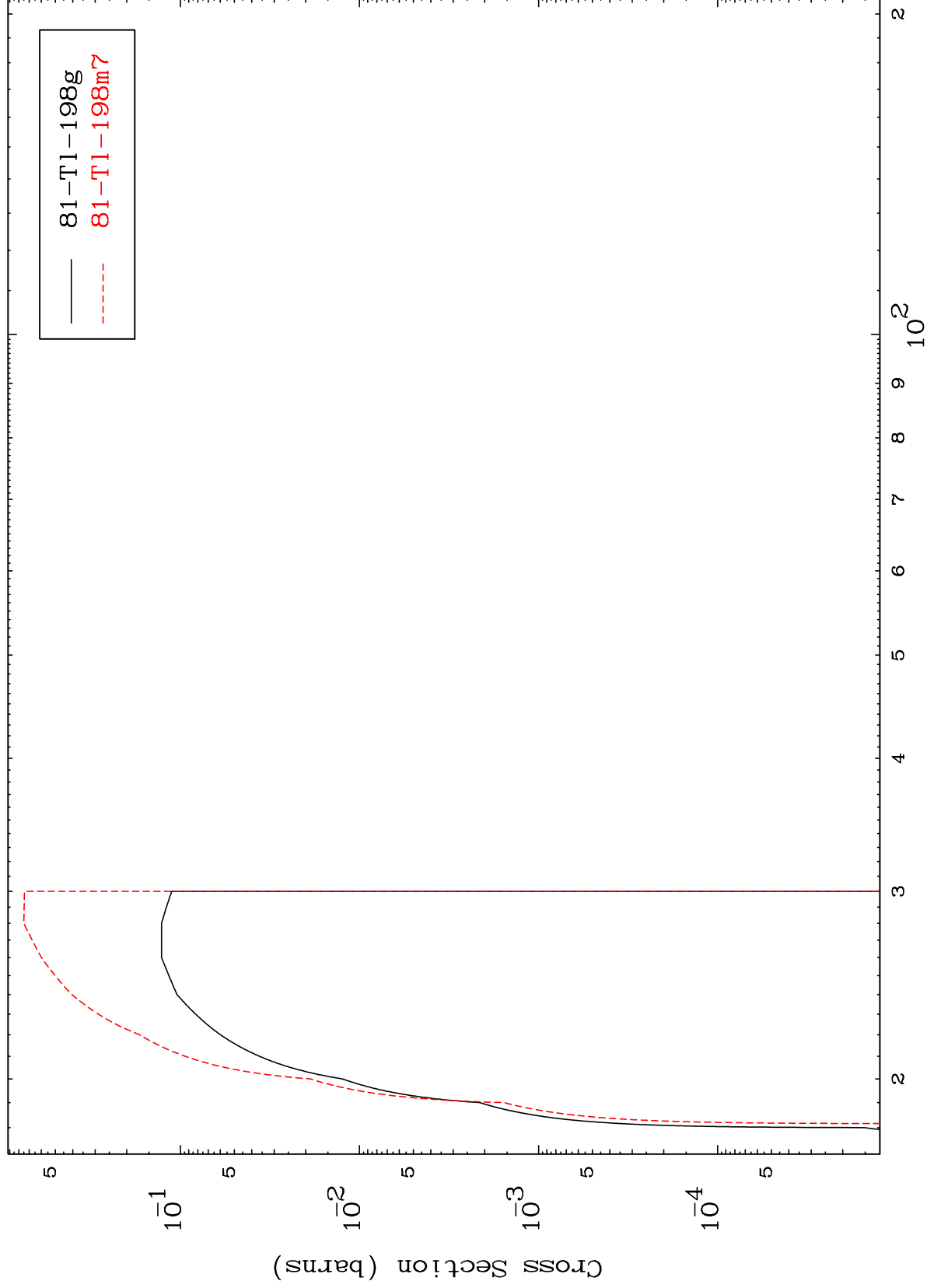
Incident Energy (MeV)

79-Au-196m

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⁷⁹Au-196m

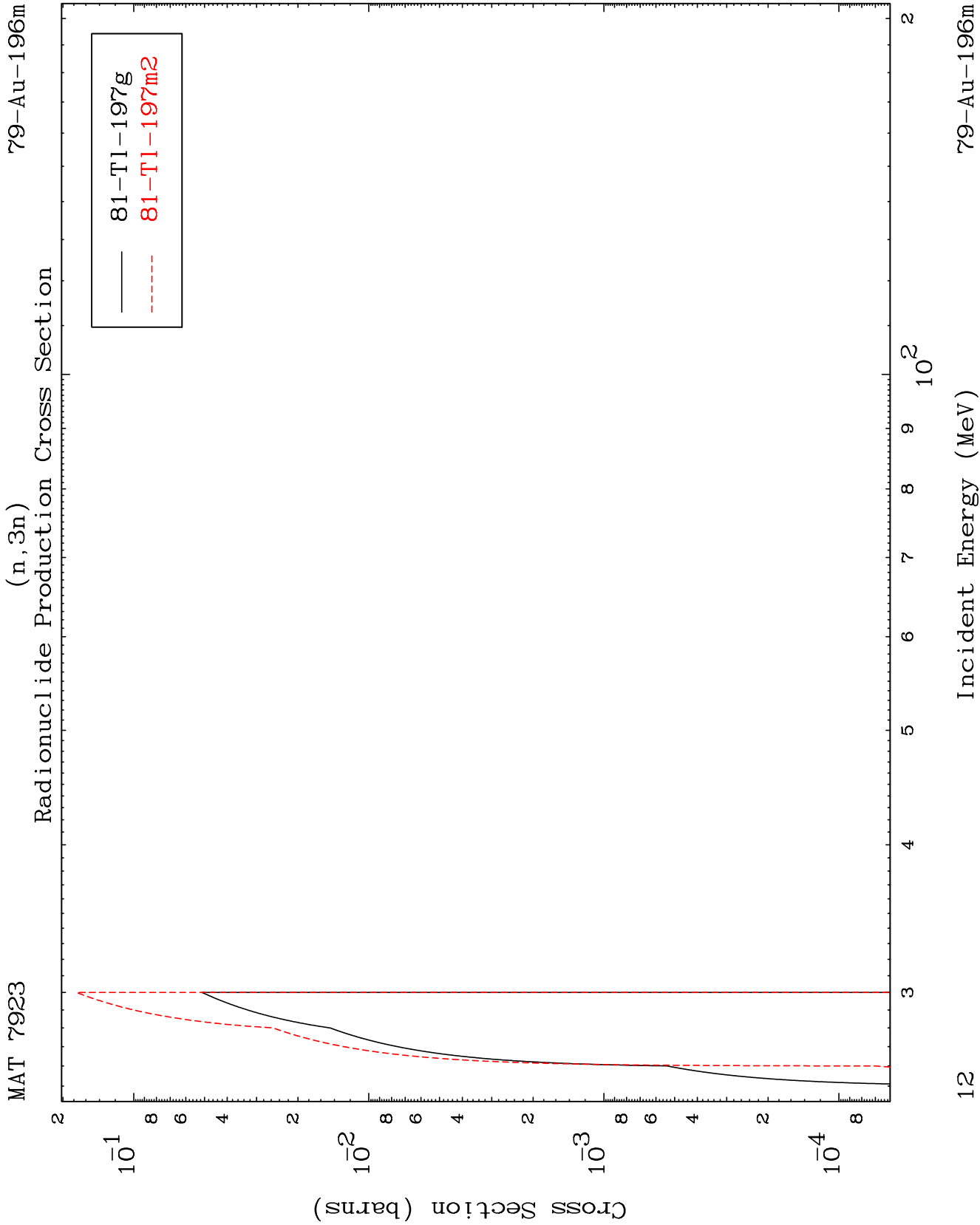
(n,2n)
Radionuclide Production Cross Section



11

⁷⁹Au-196m

Incident Energy (MeV)

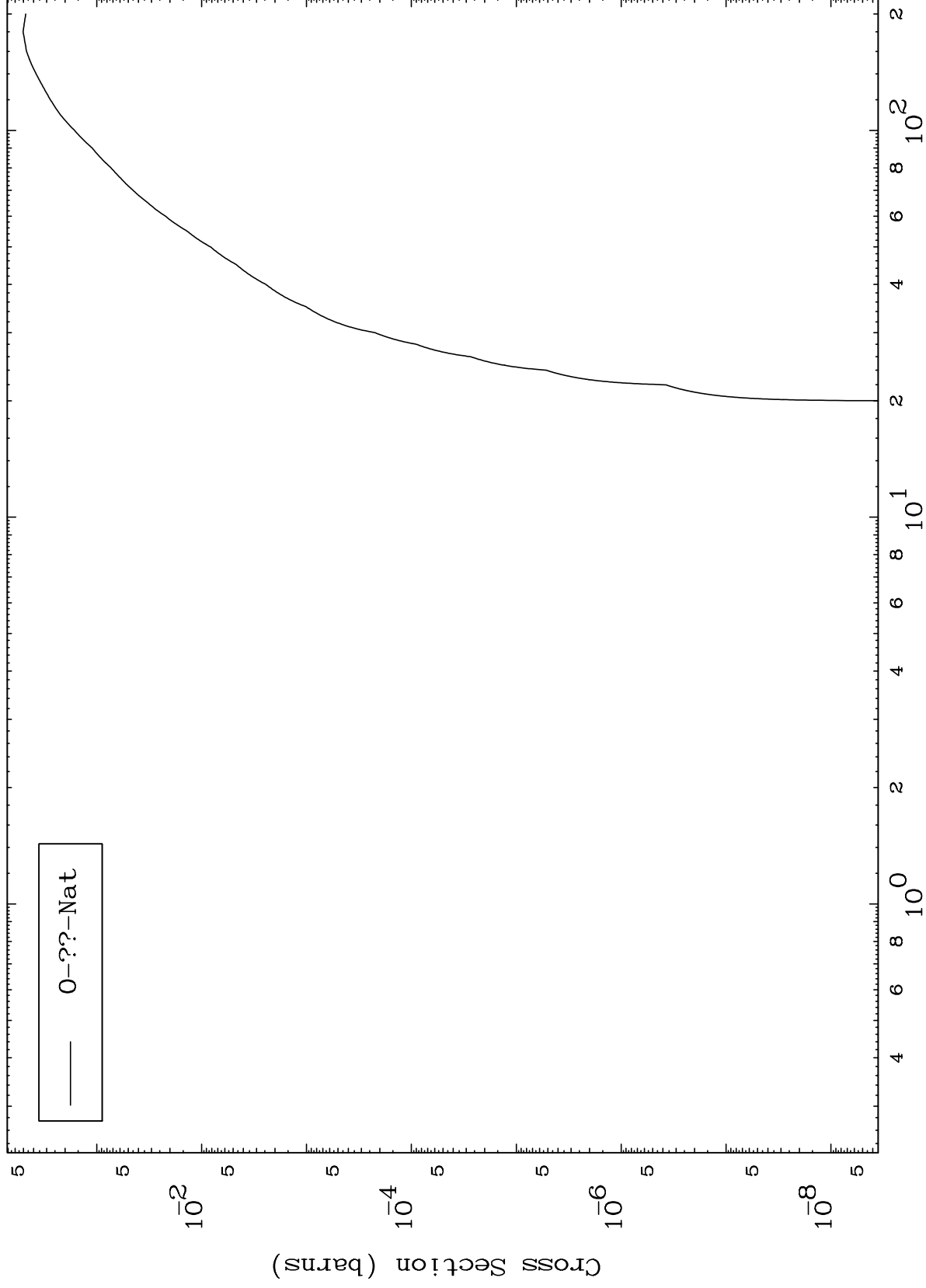


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Fission

⁷⁹Au-196m

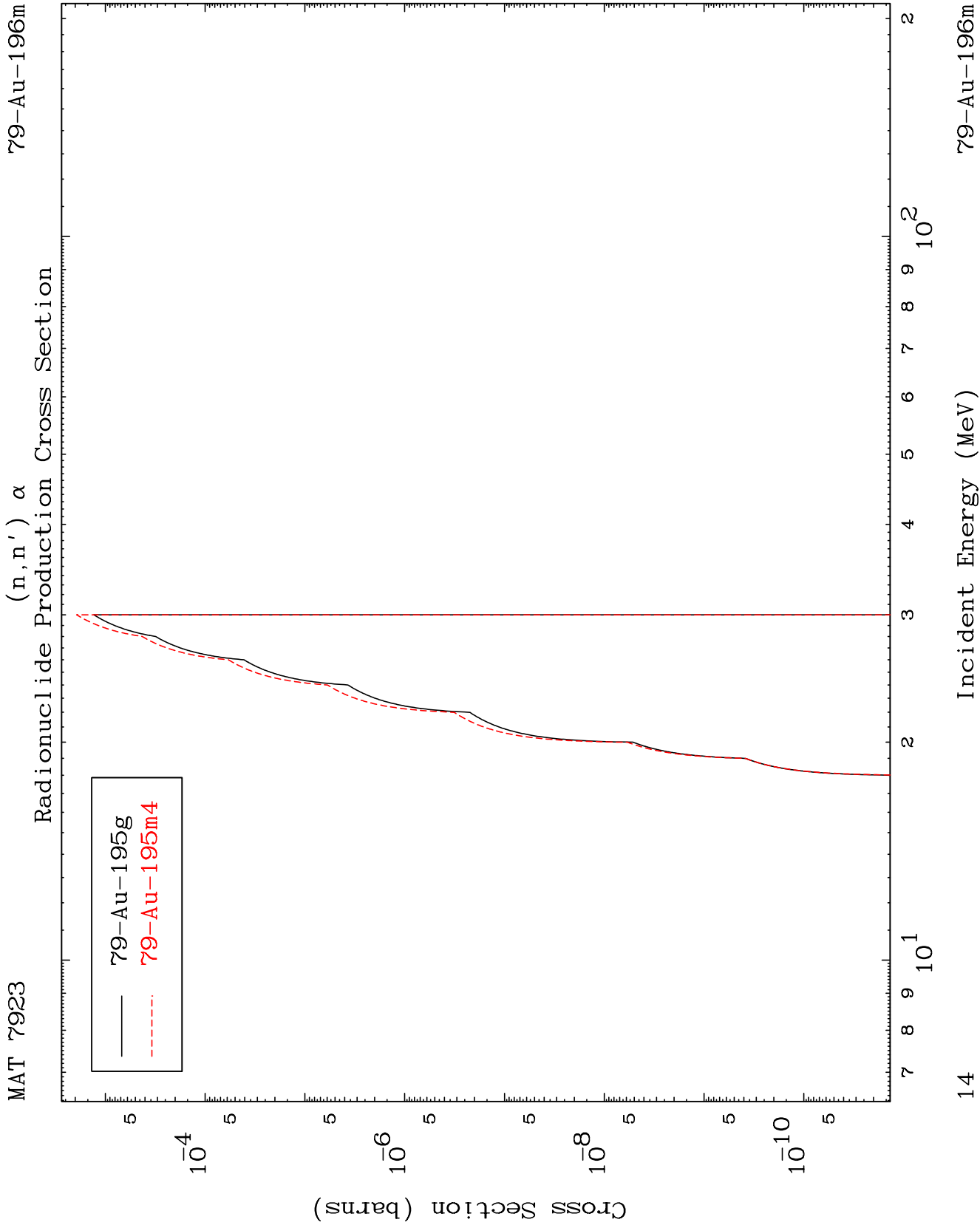
Radionuclide Production Cross Section

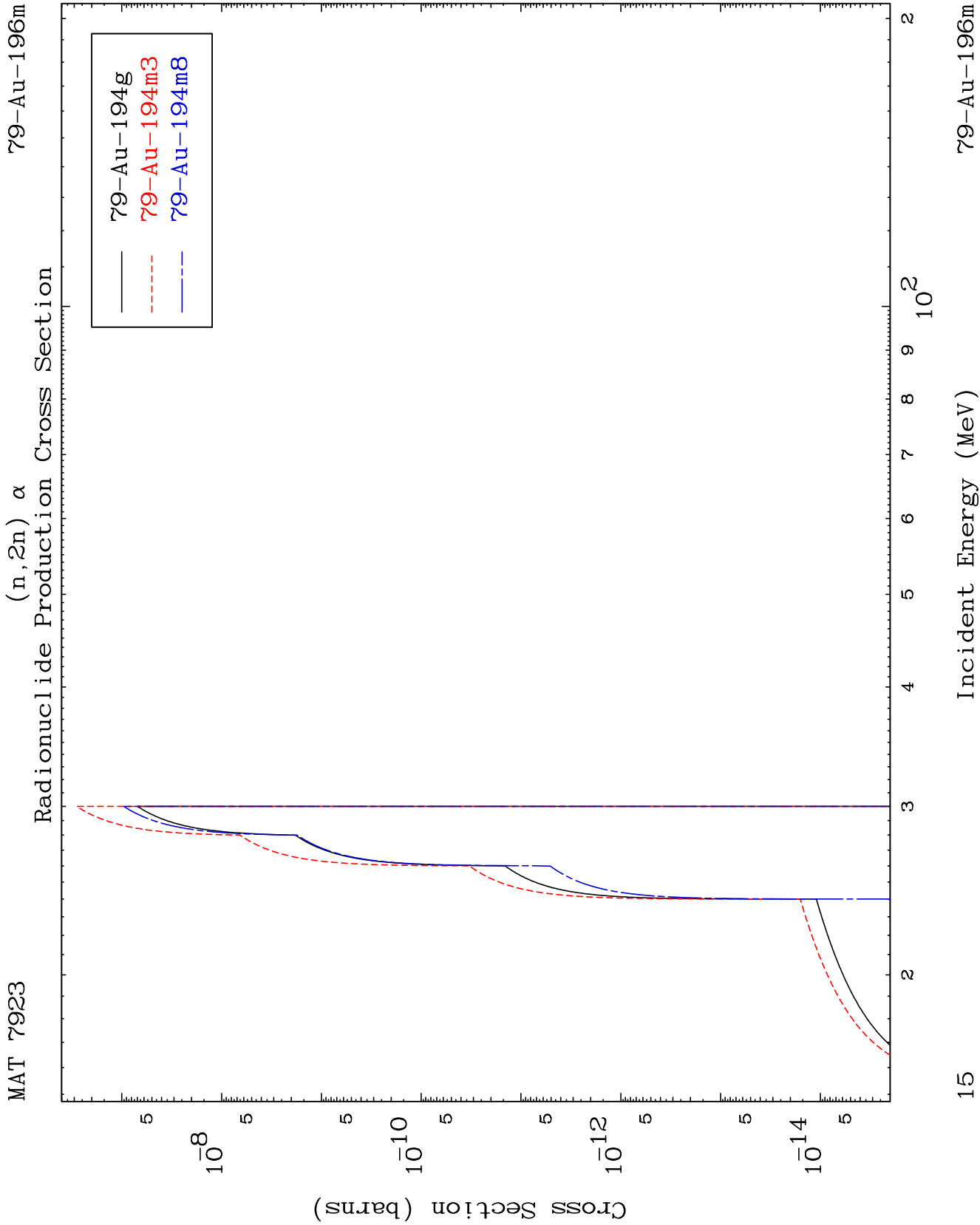


13

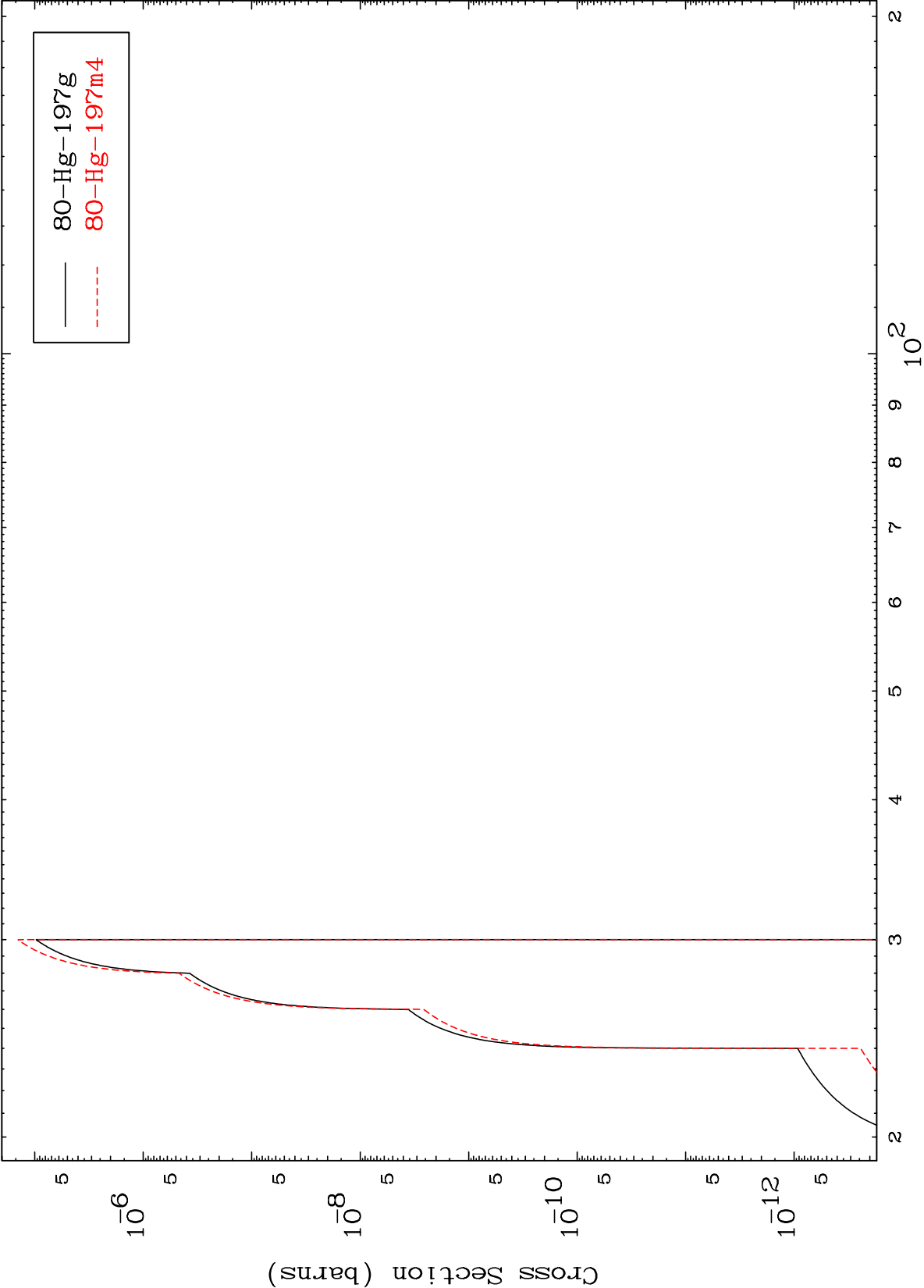
Incident Energy (MeV)

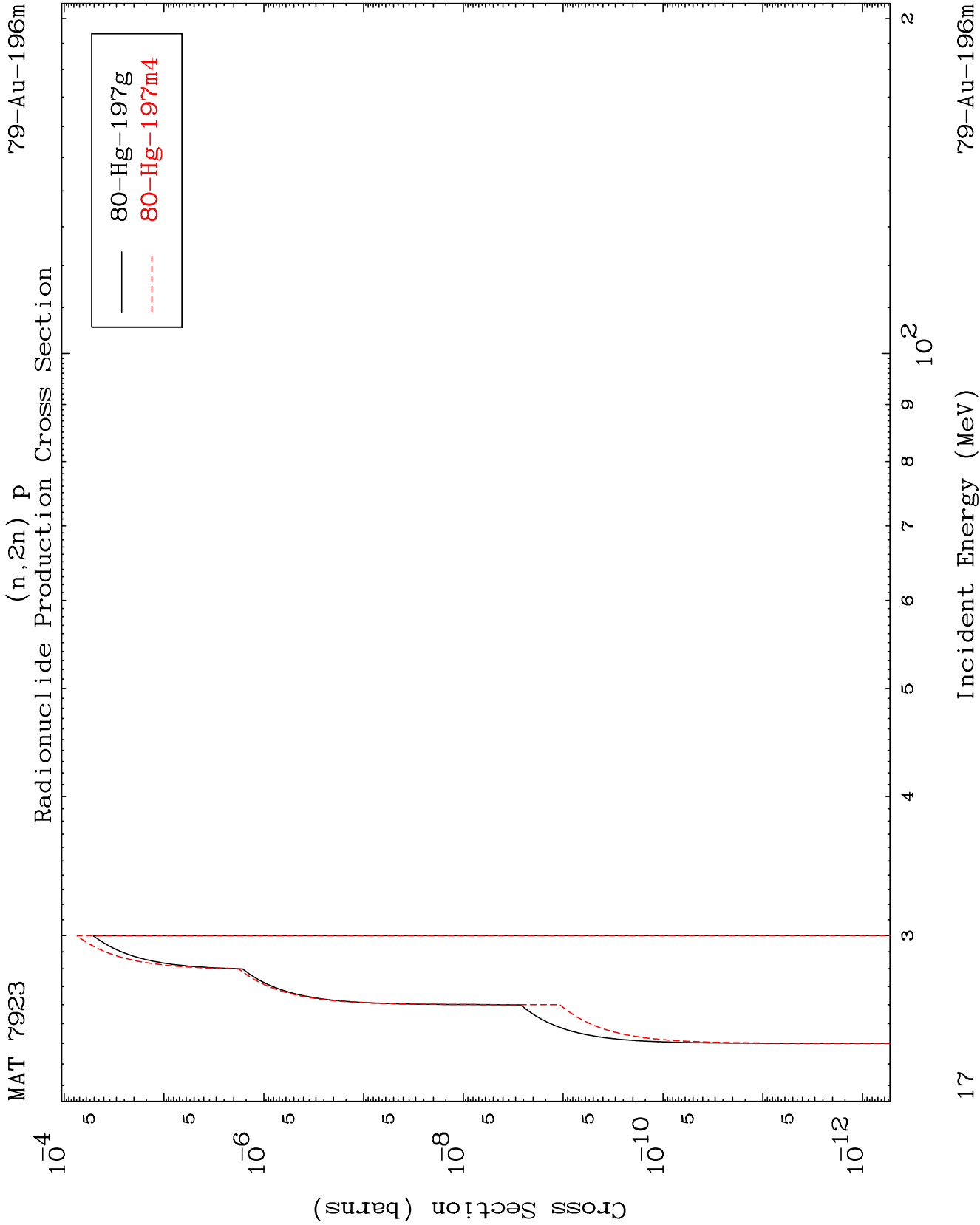
⁷⁹Au-196m





Radionuclide Production Cross Section

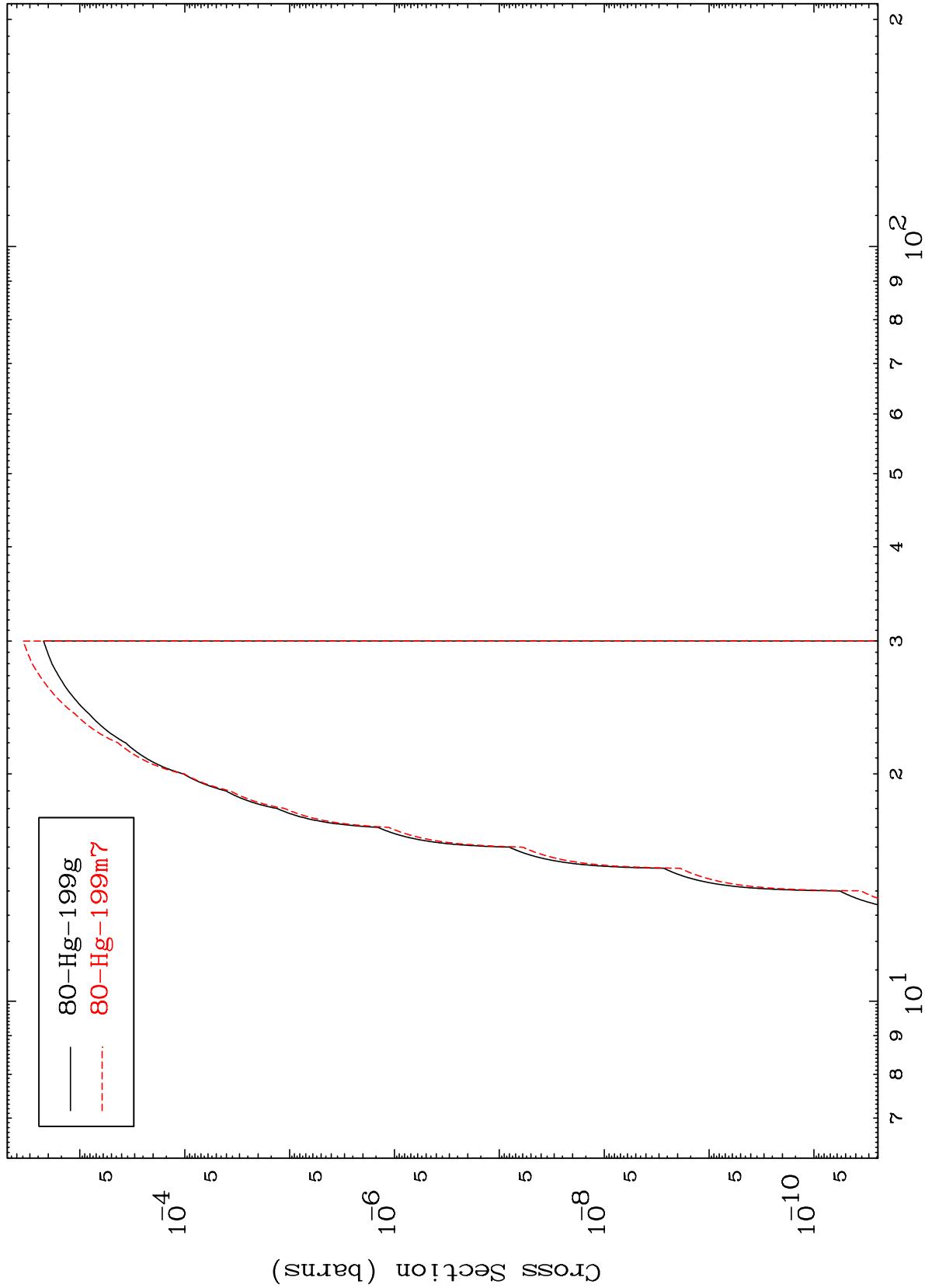




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⁷⁹Au-196m

Radionuclide Production Cross Section (n,p)



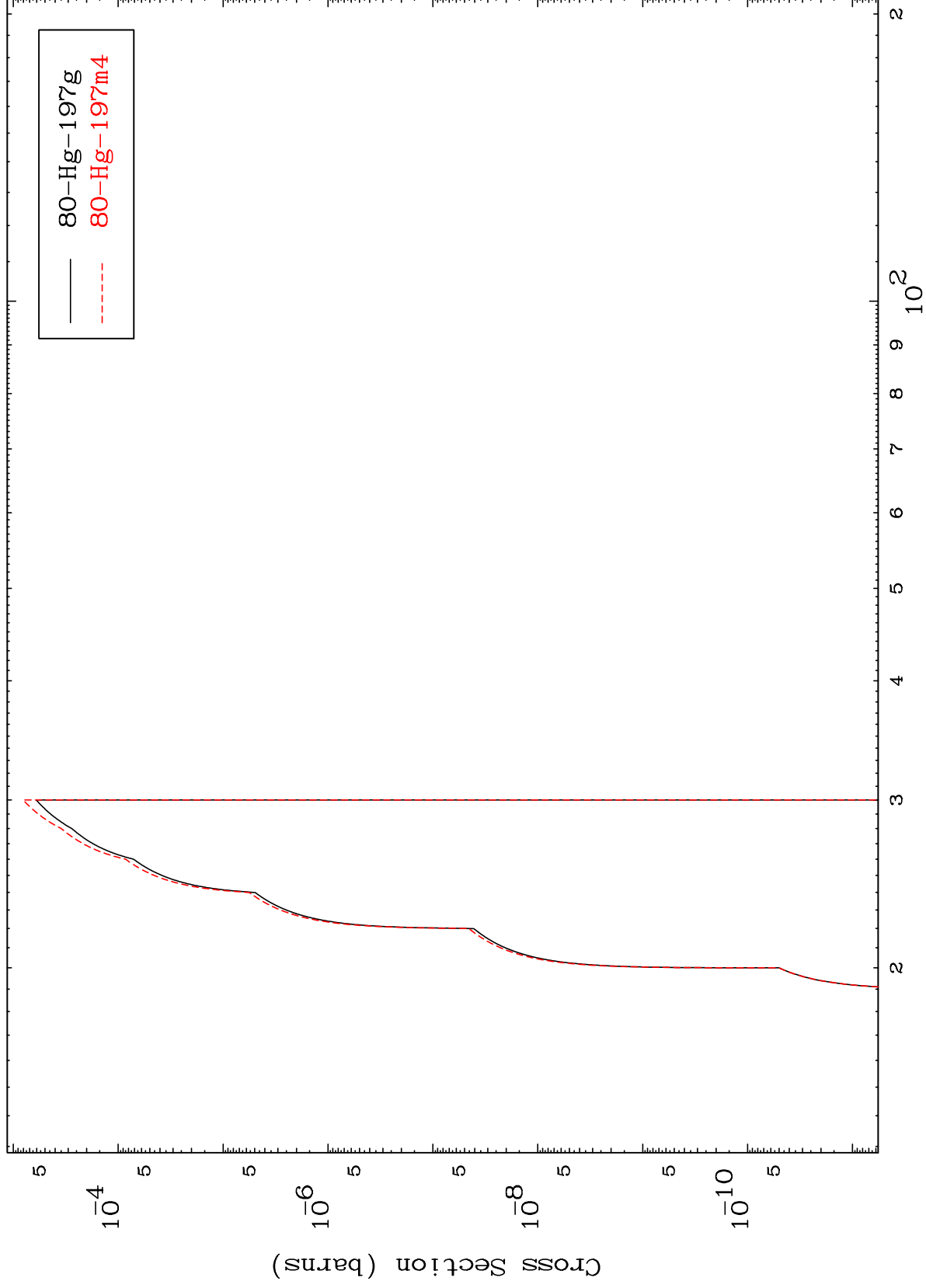
18

⁷⁹Au-196m

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79-Au-196m

(n,t)
Radionuclide Production Cross Section

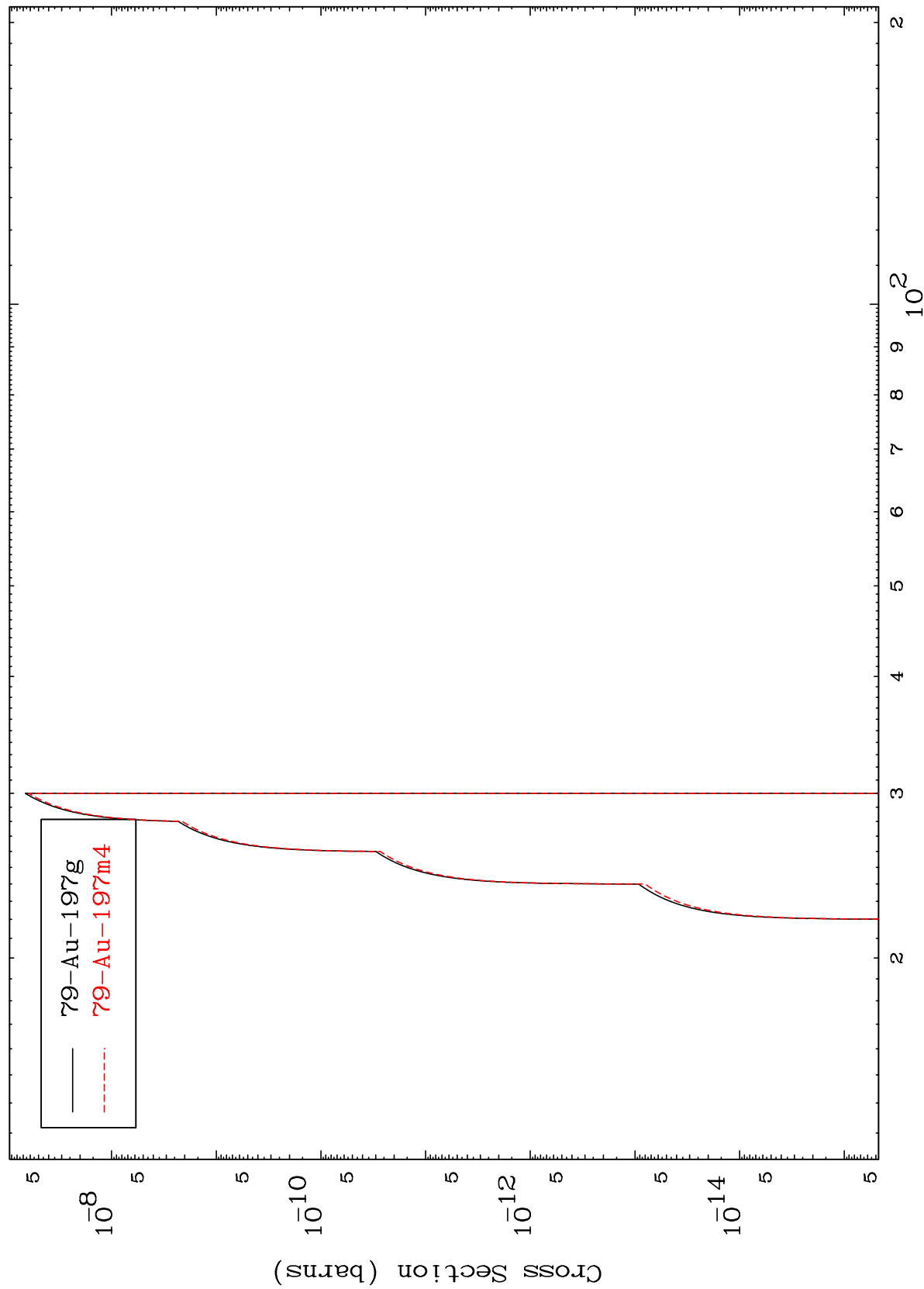


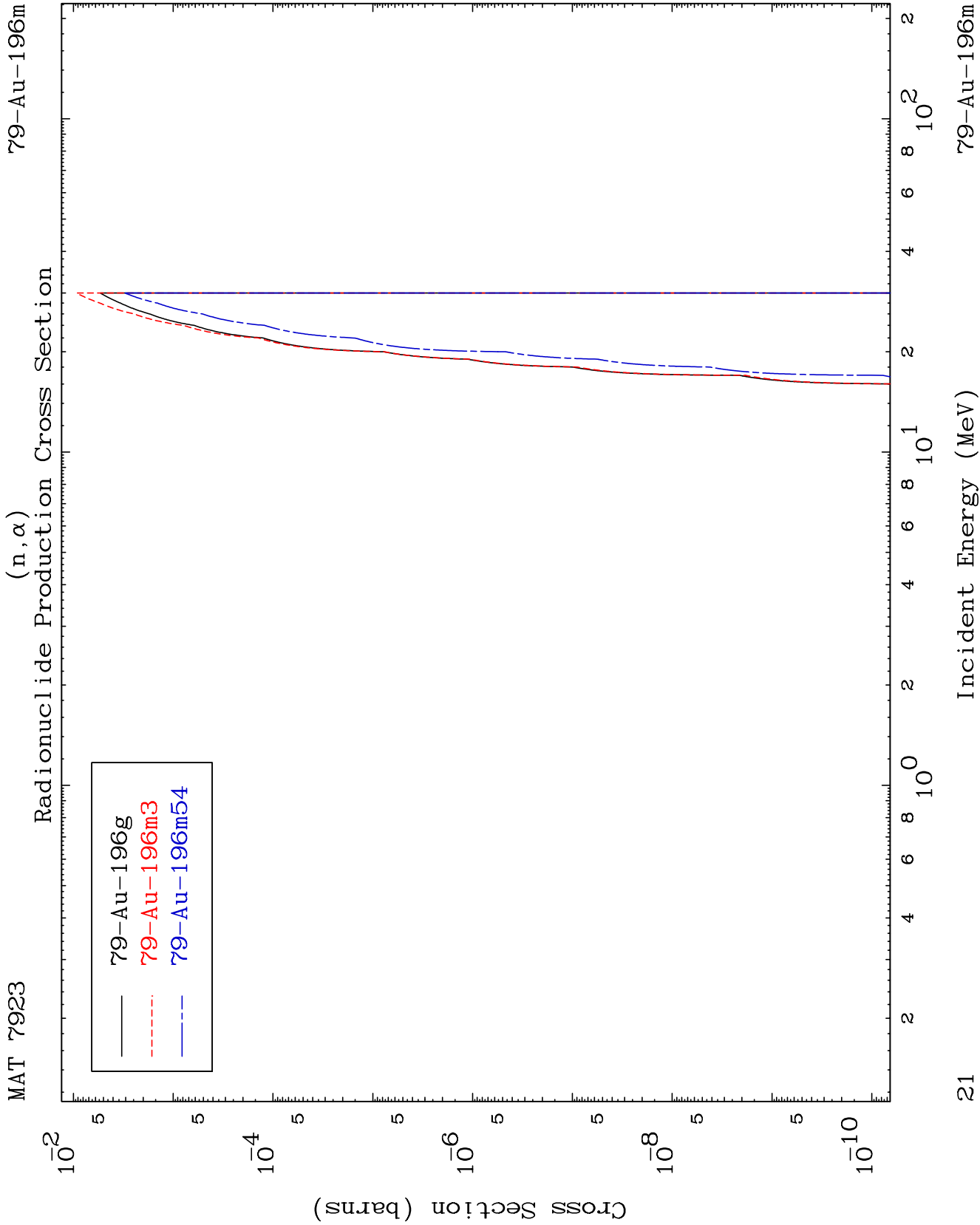
19

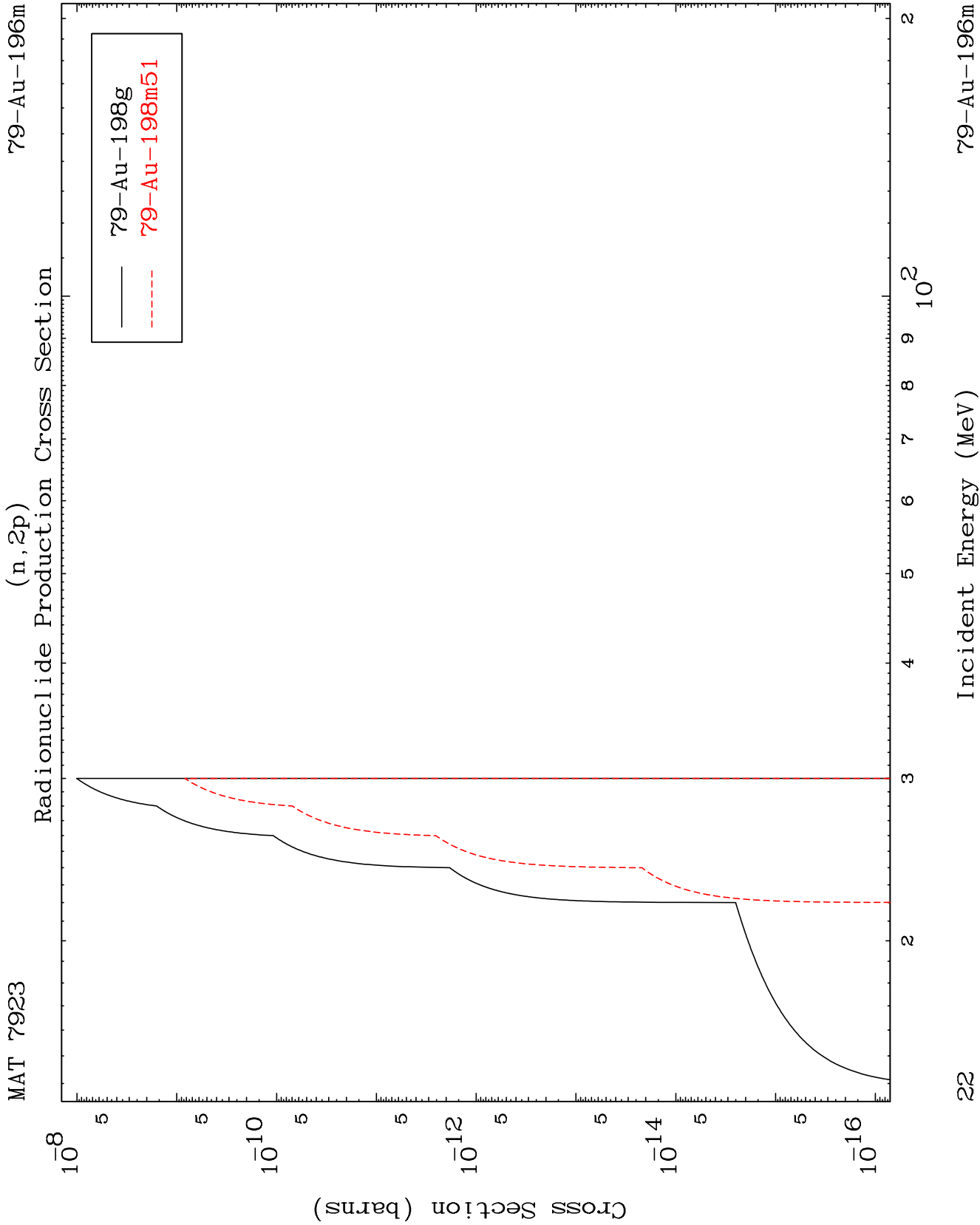
Incident Energy (MeV)

79-Au-196m

Radionuclide Production Cross Section
(n,He-3)



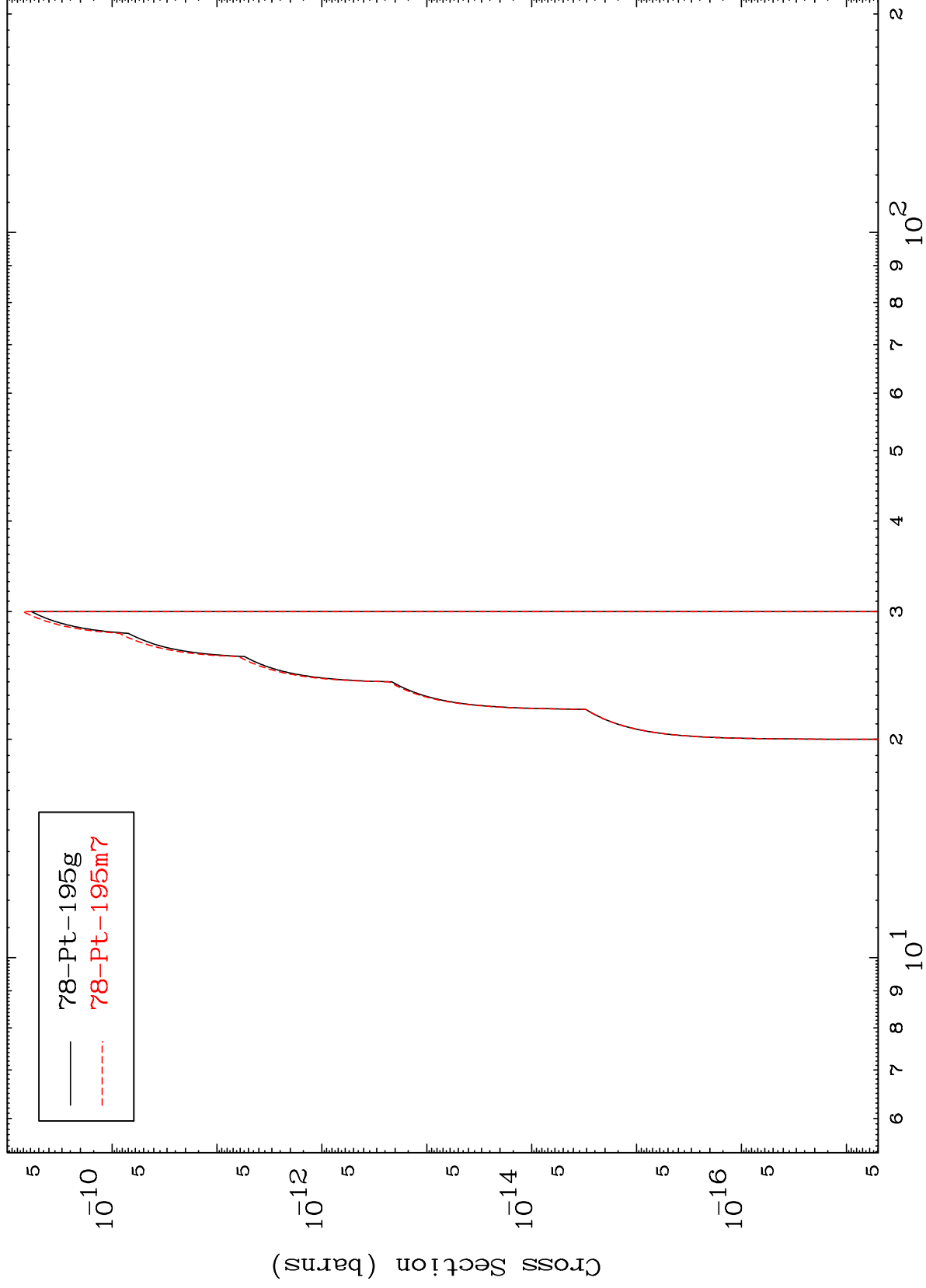




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⁷⁹Au-196m

(n,p) α
Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁷⁹Au-196m