

Program EVALPLOT
(Version 2021-1)

by

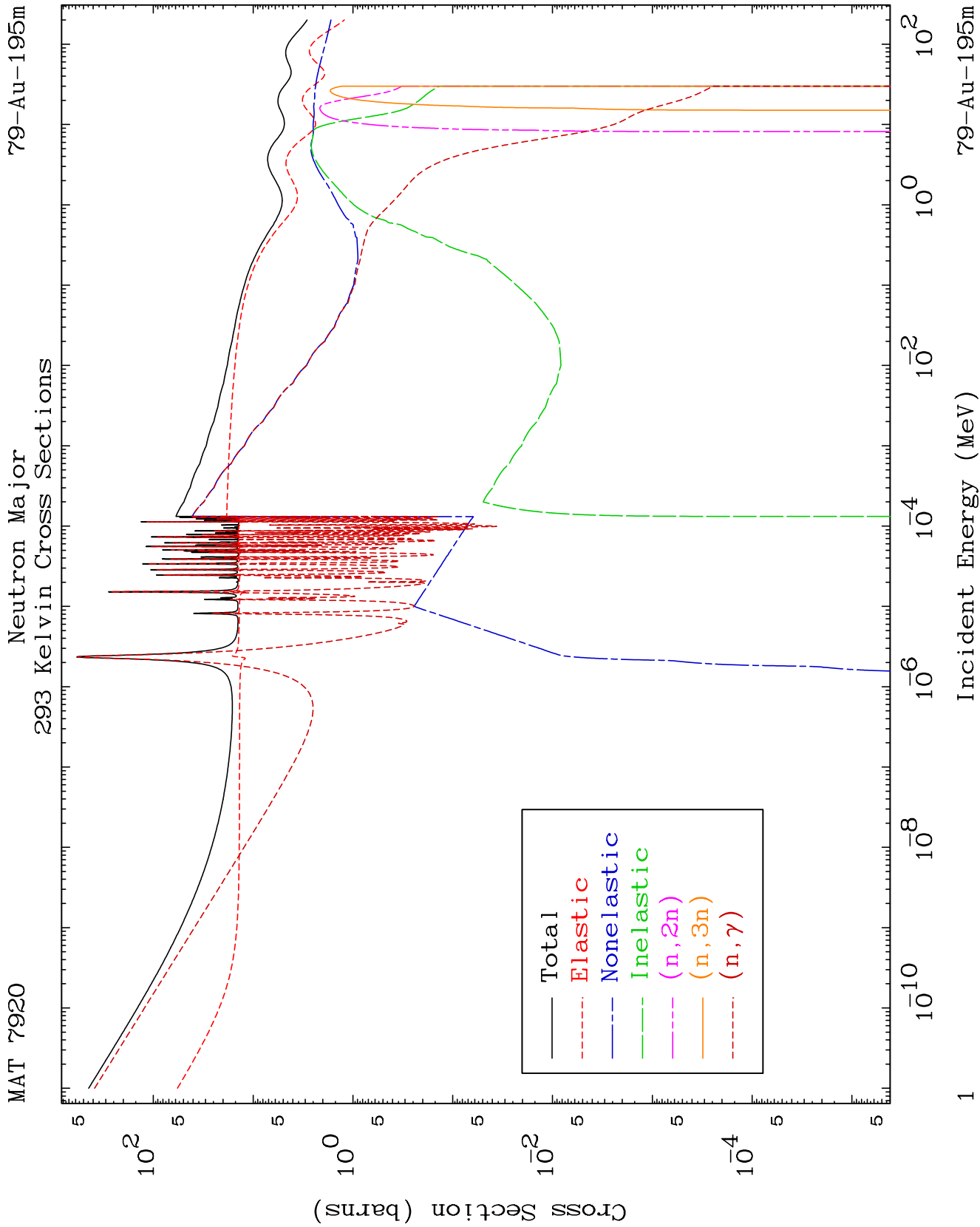
Dermott E. Cullen
(Present Contact Information)

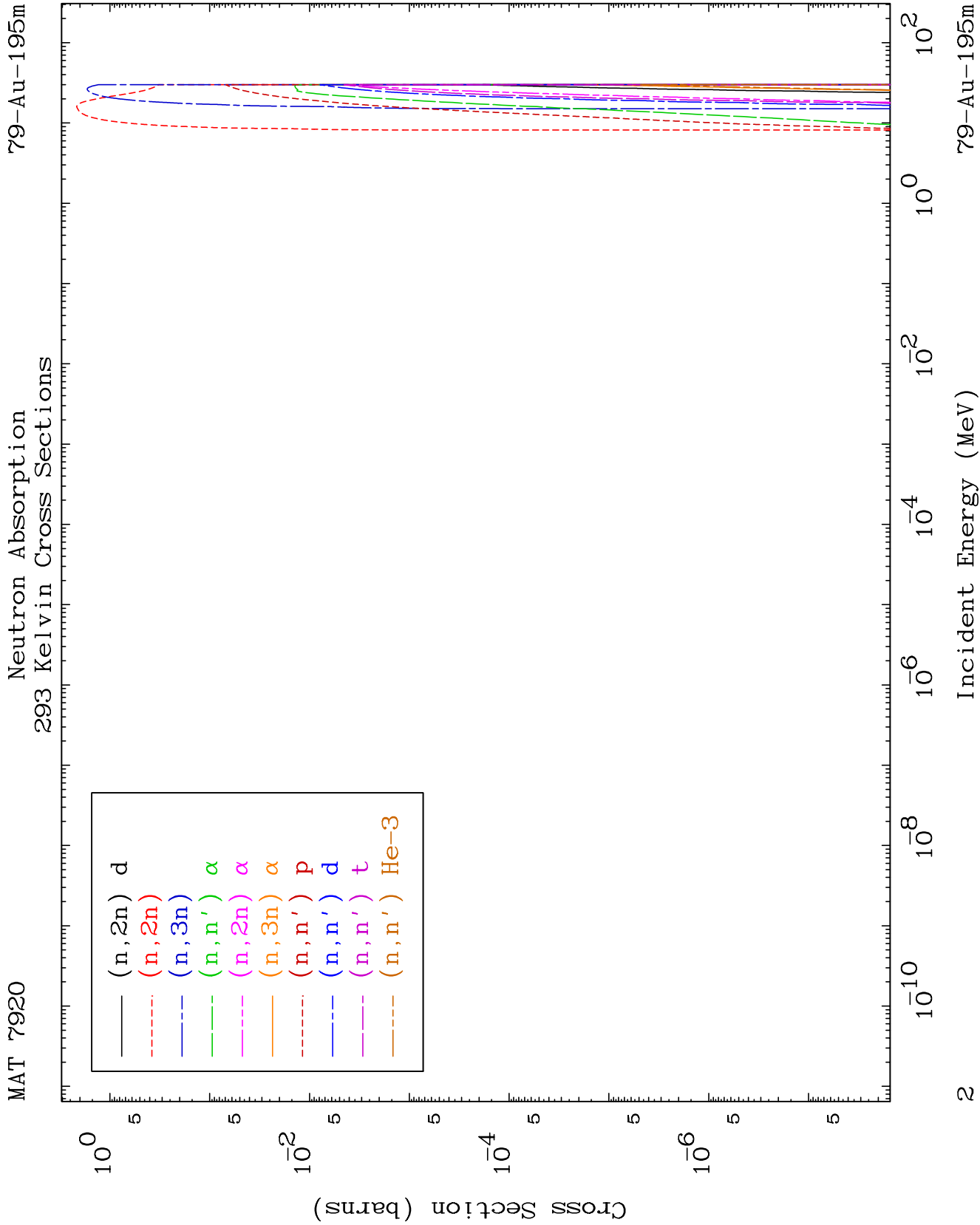
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

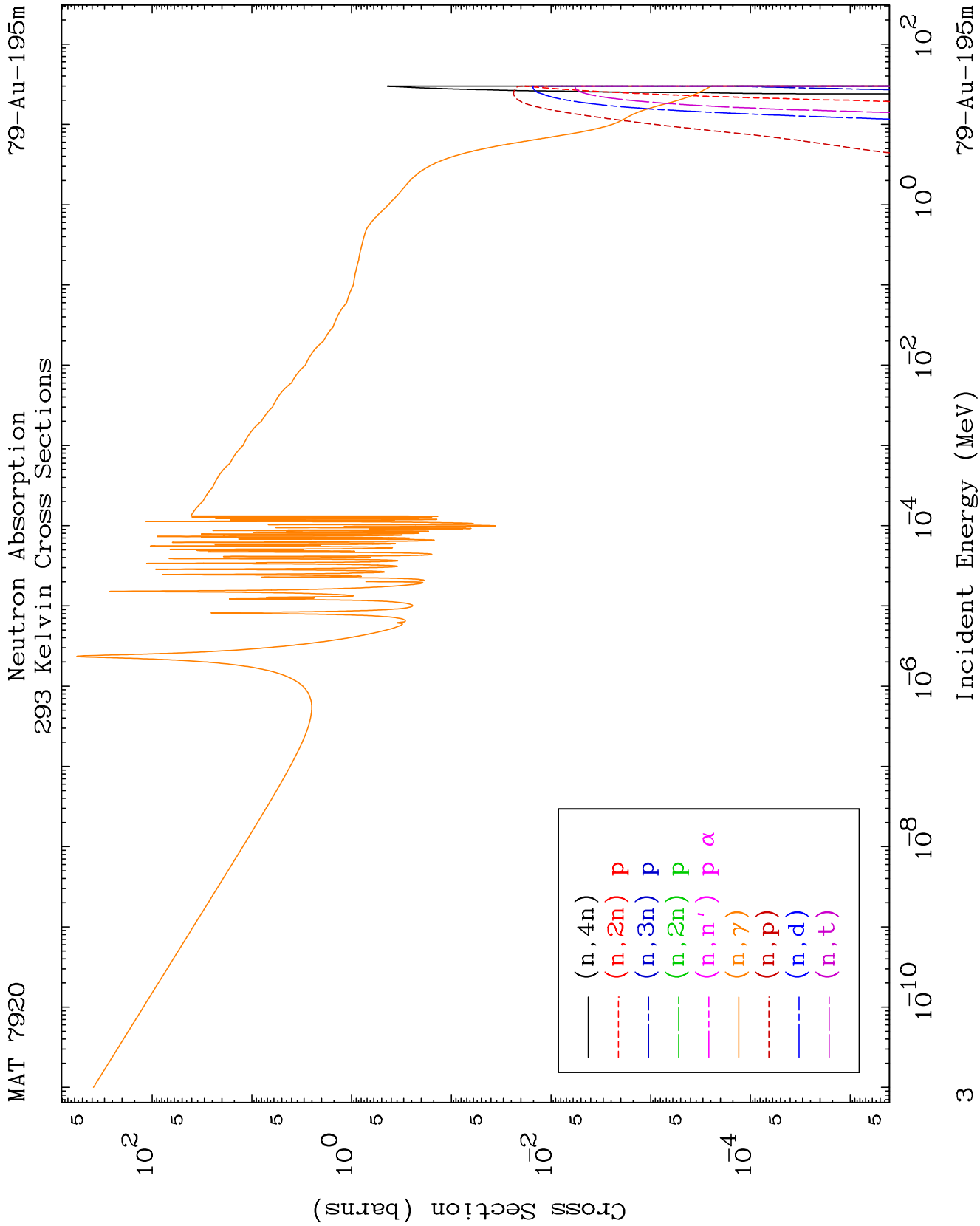
Tele: 925-443-1911

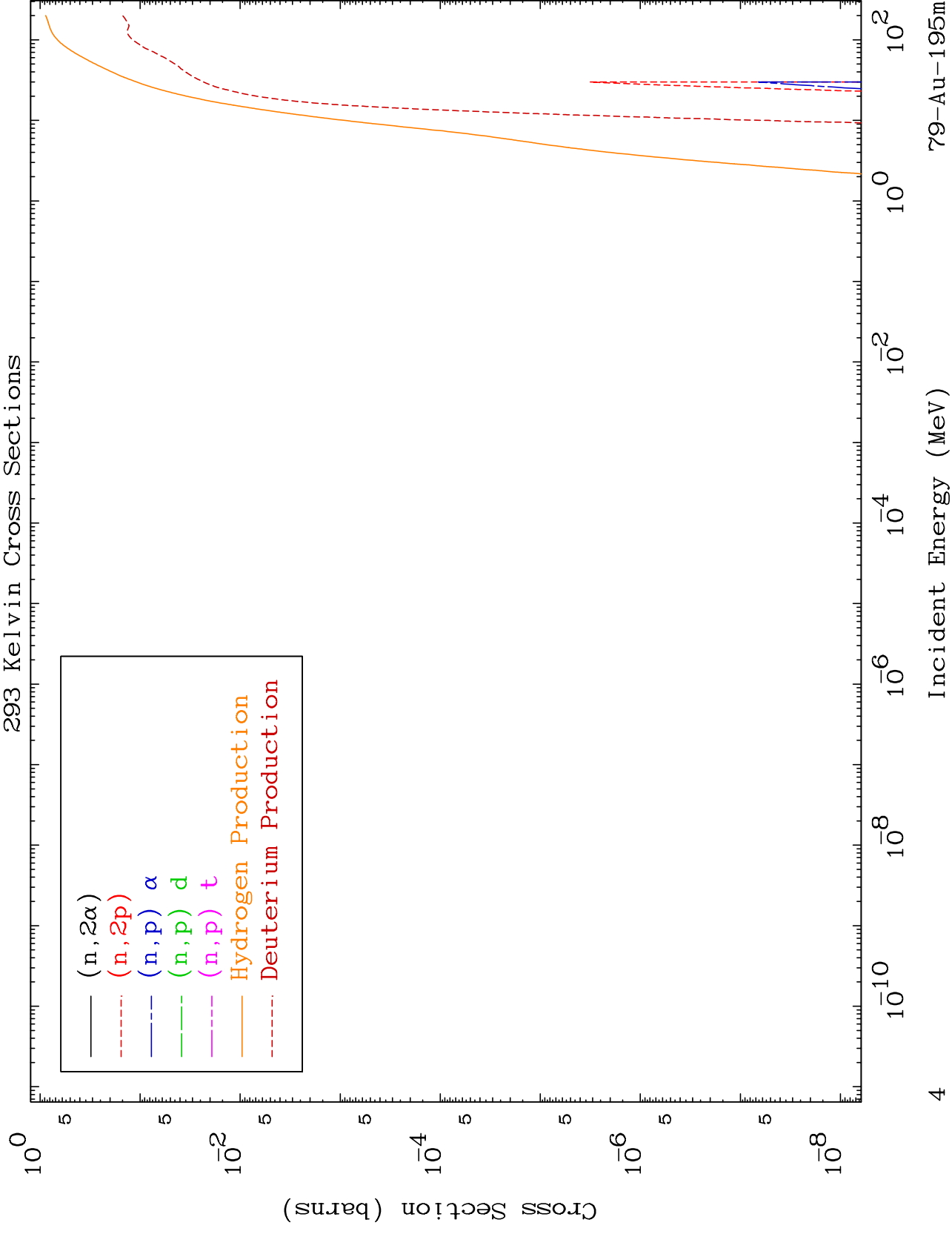
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

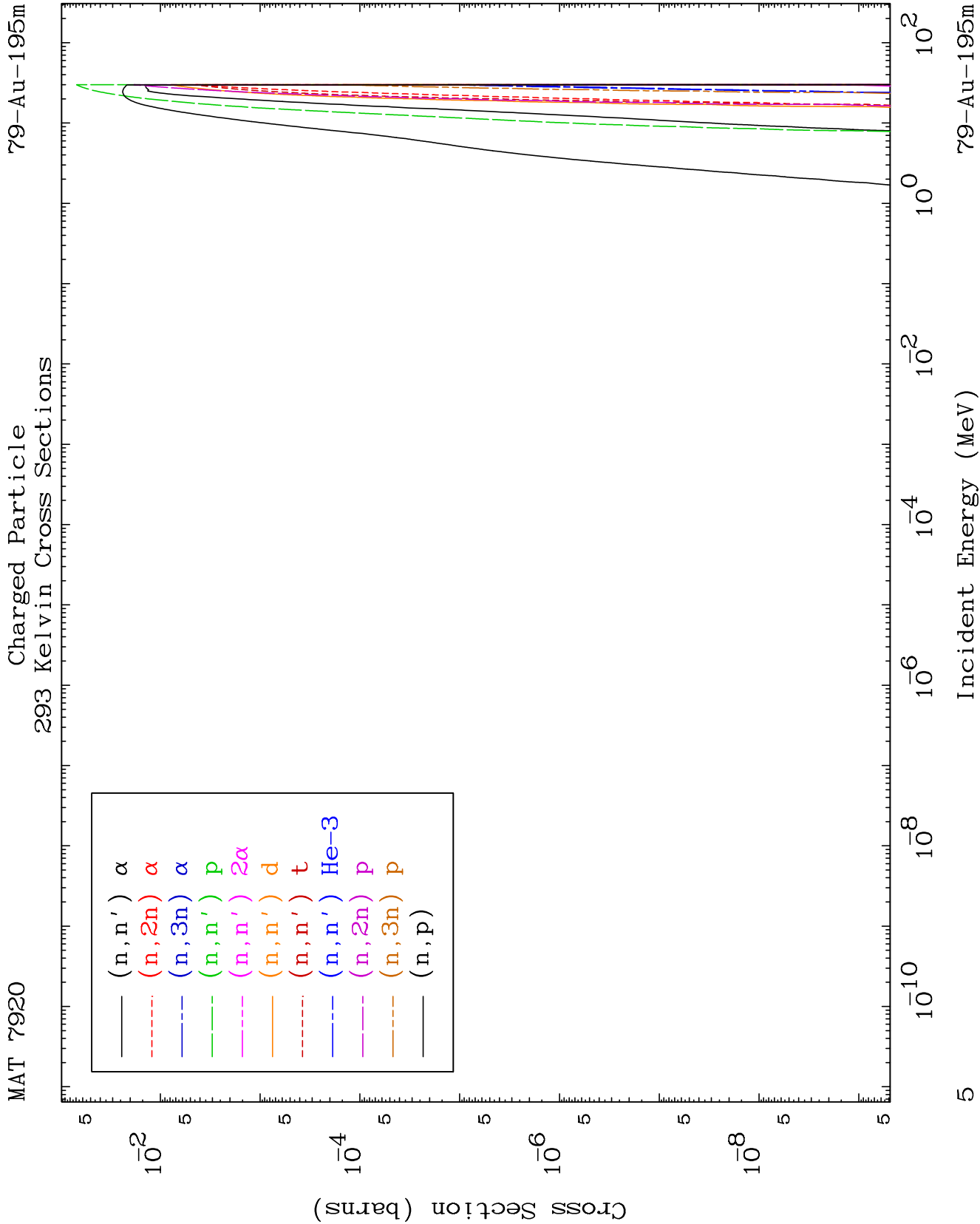
Press Mouse Button to Start

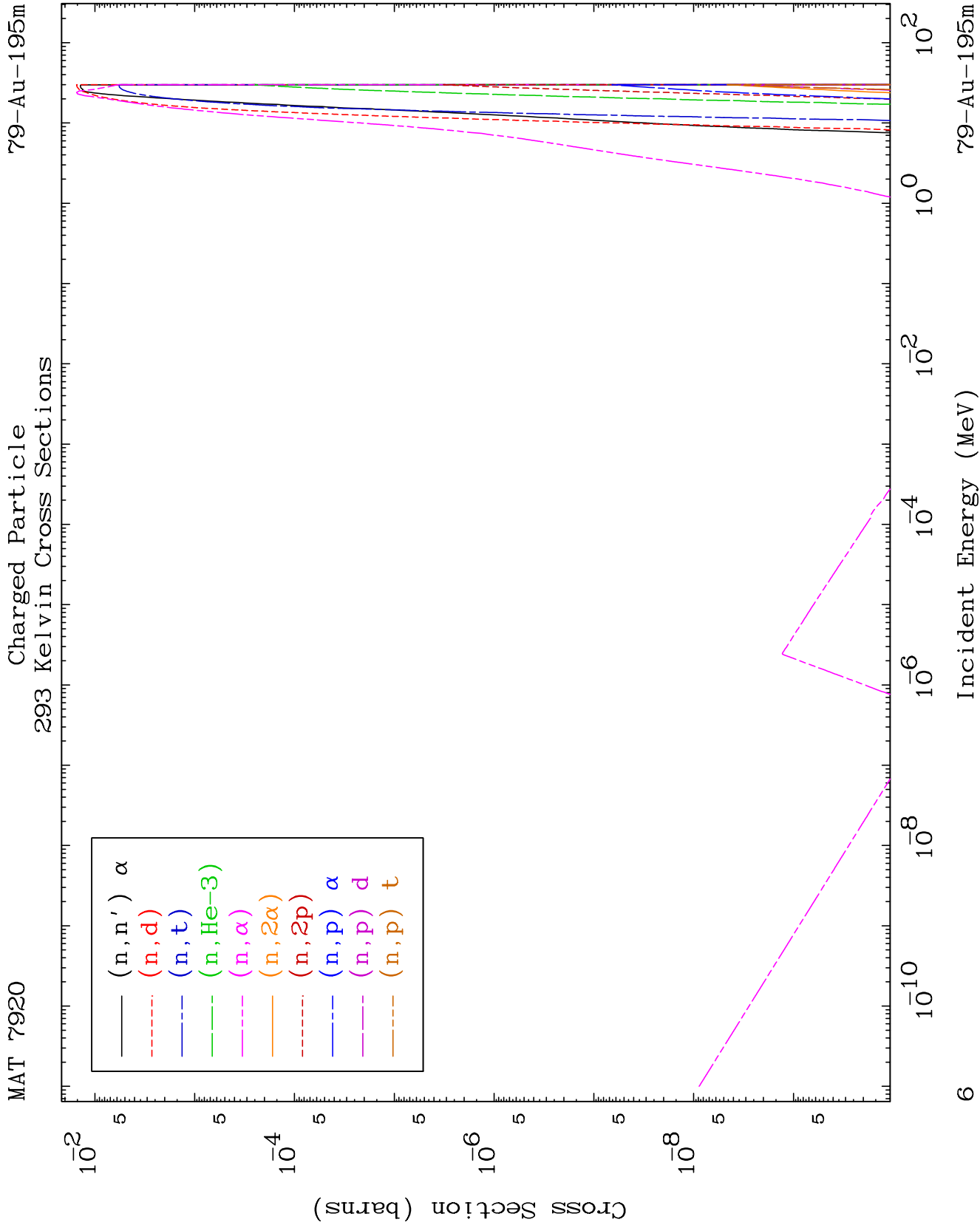


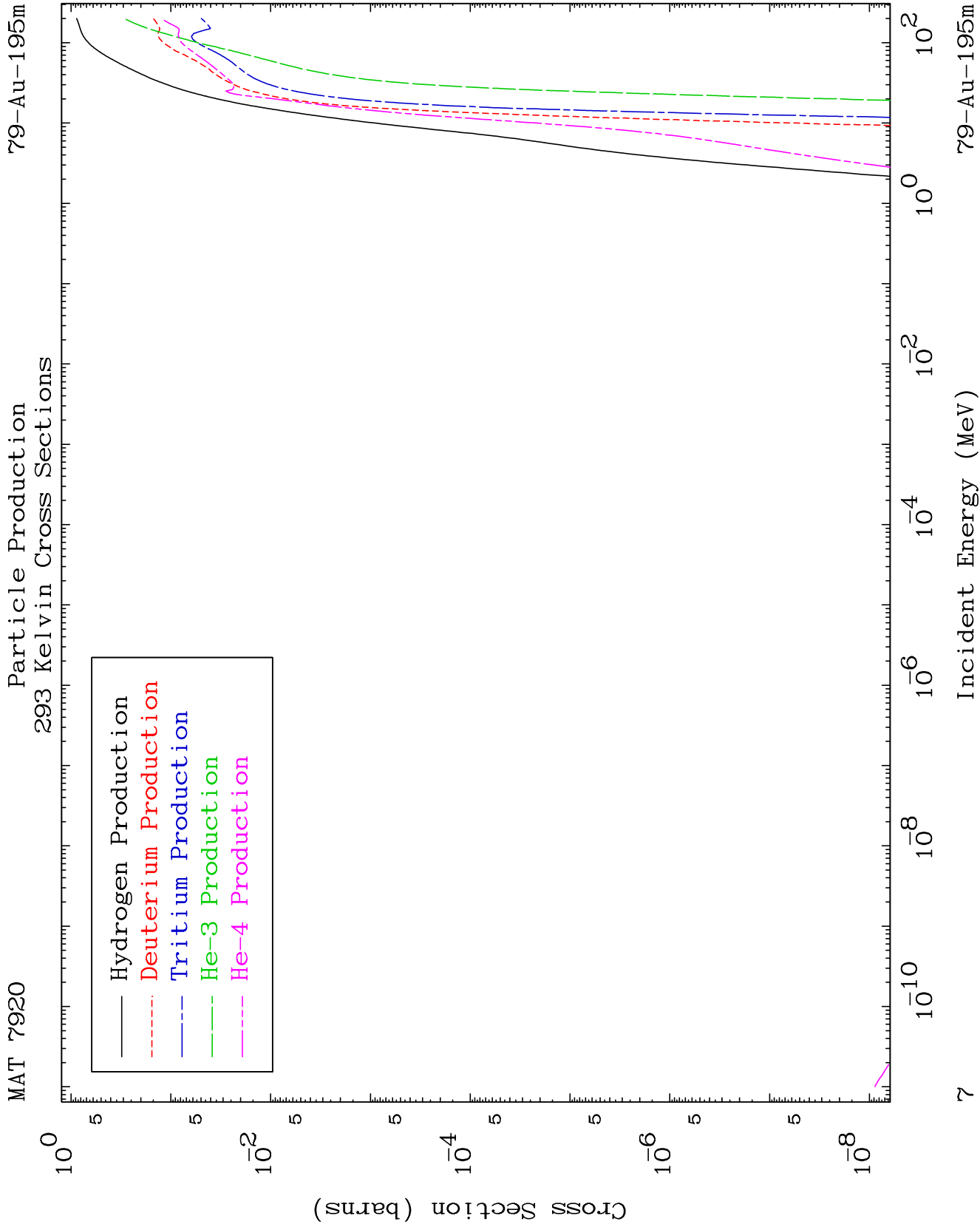


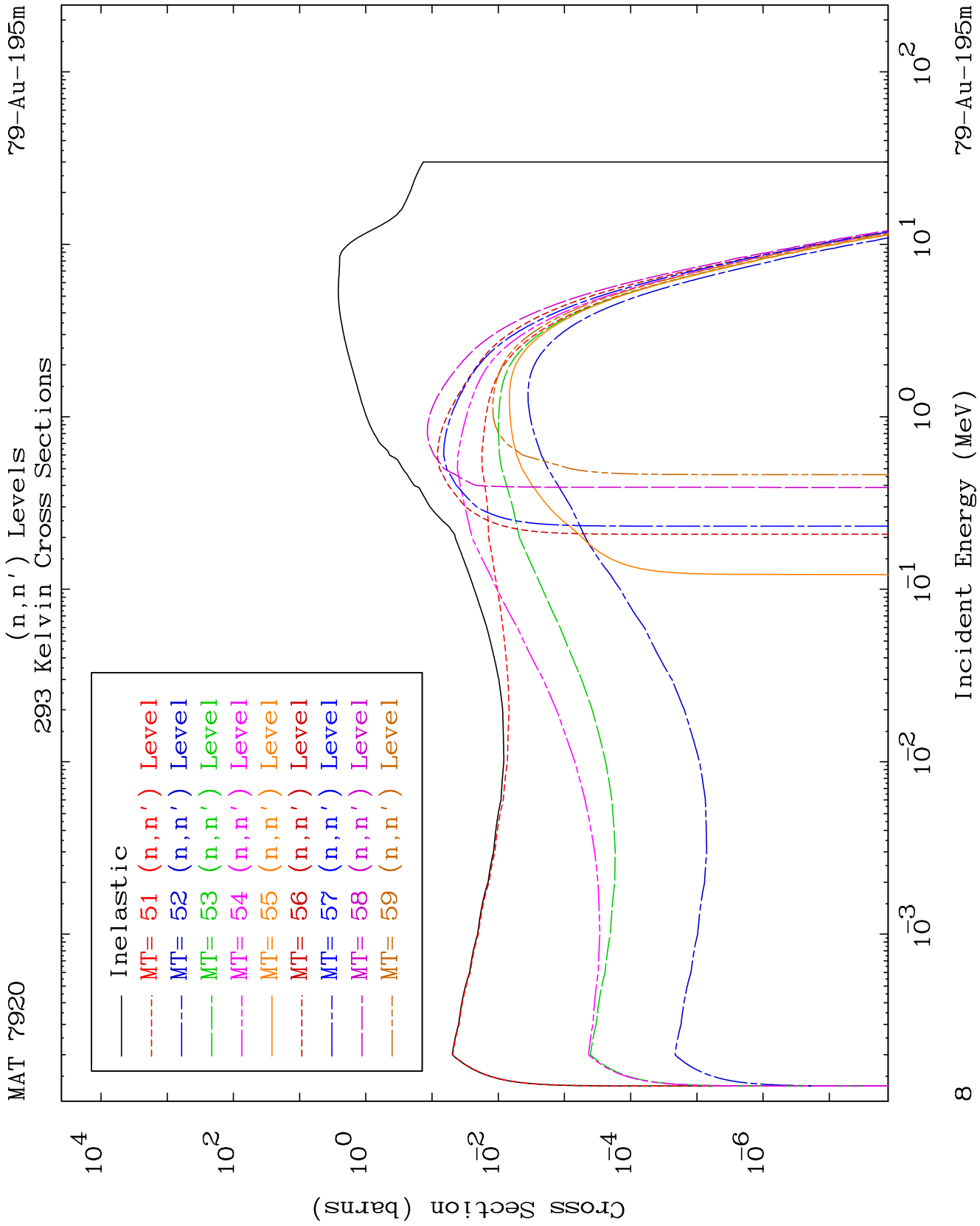


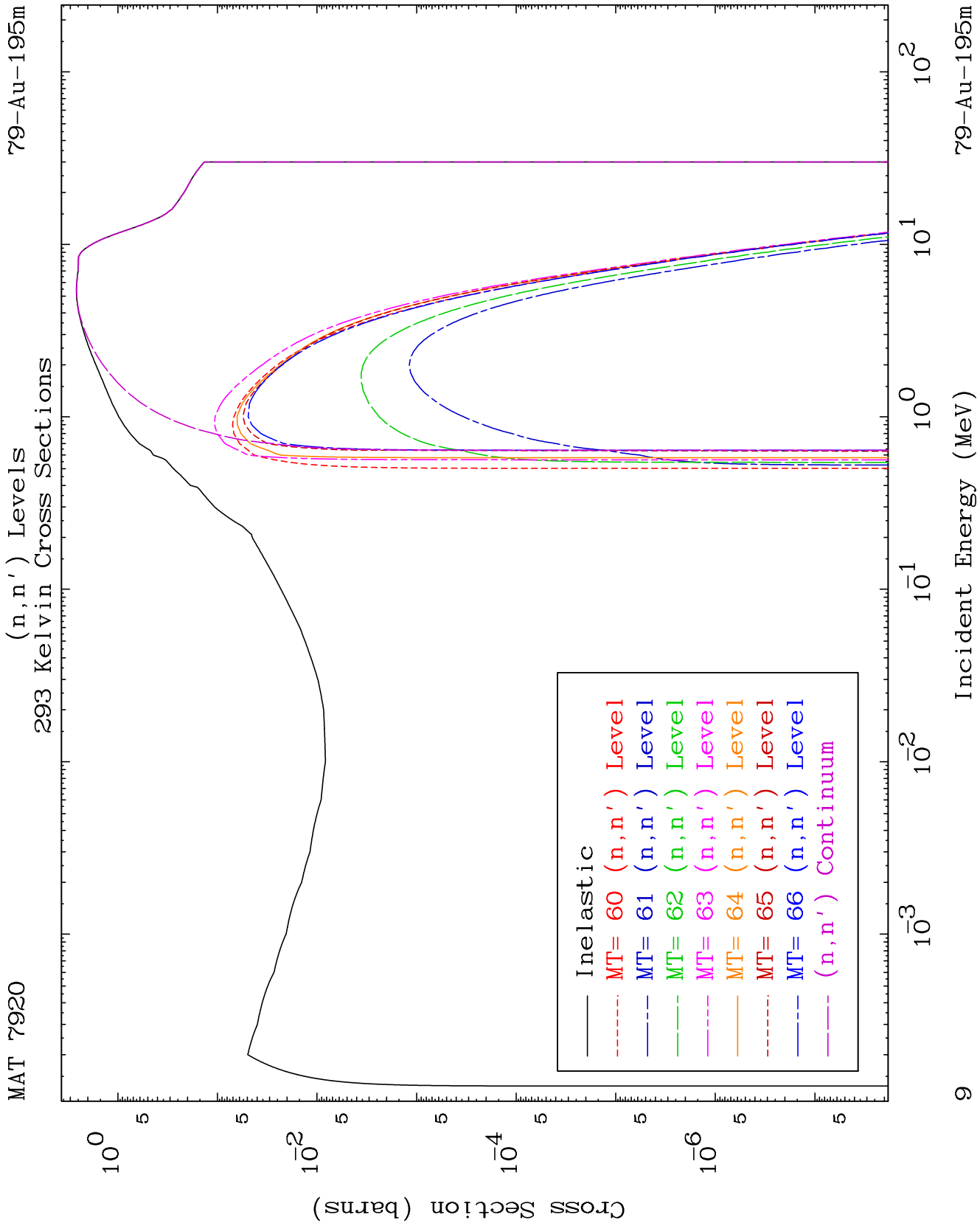








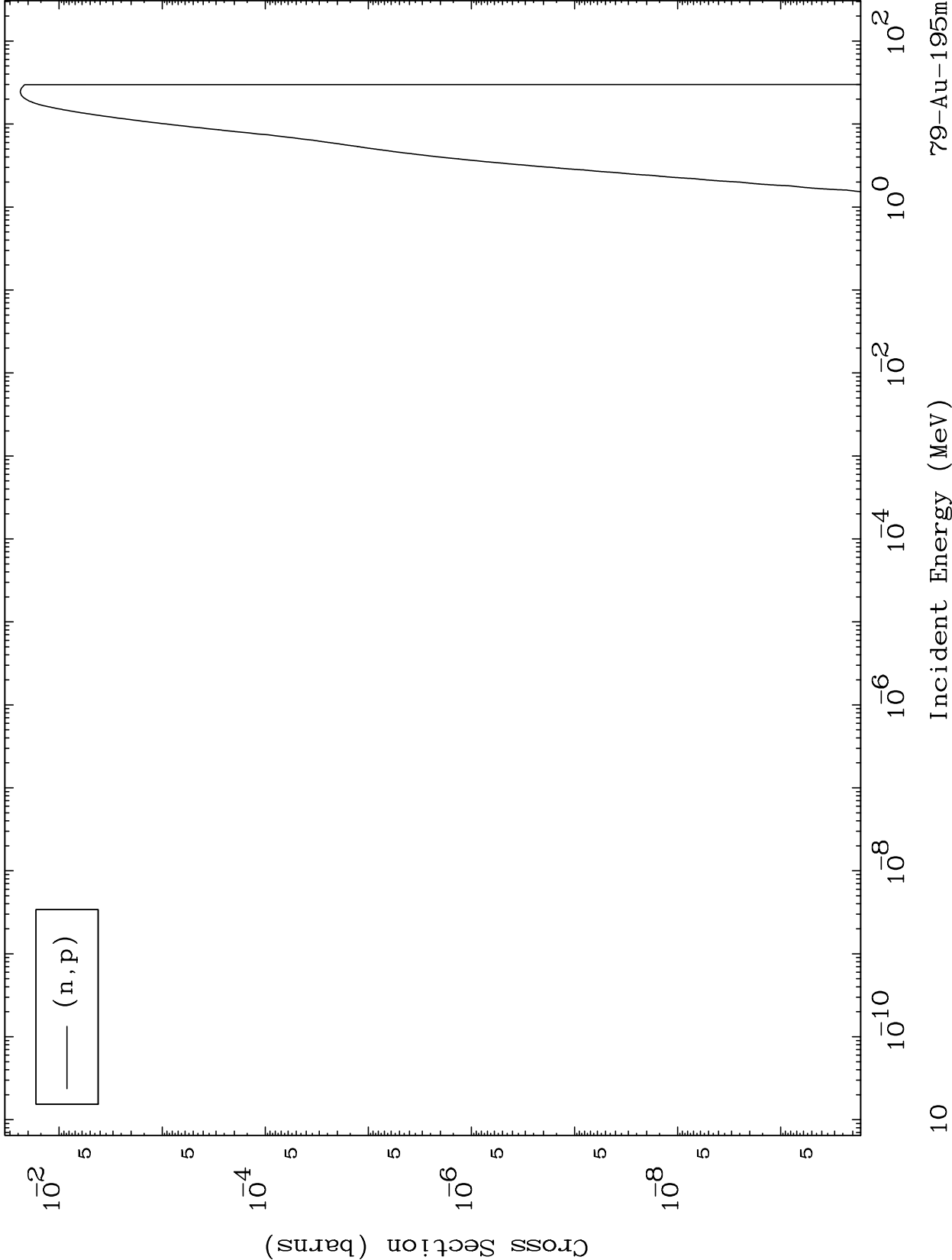




MAT 7920

(n,p) Levels
293 Kelvin Cross Sections

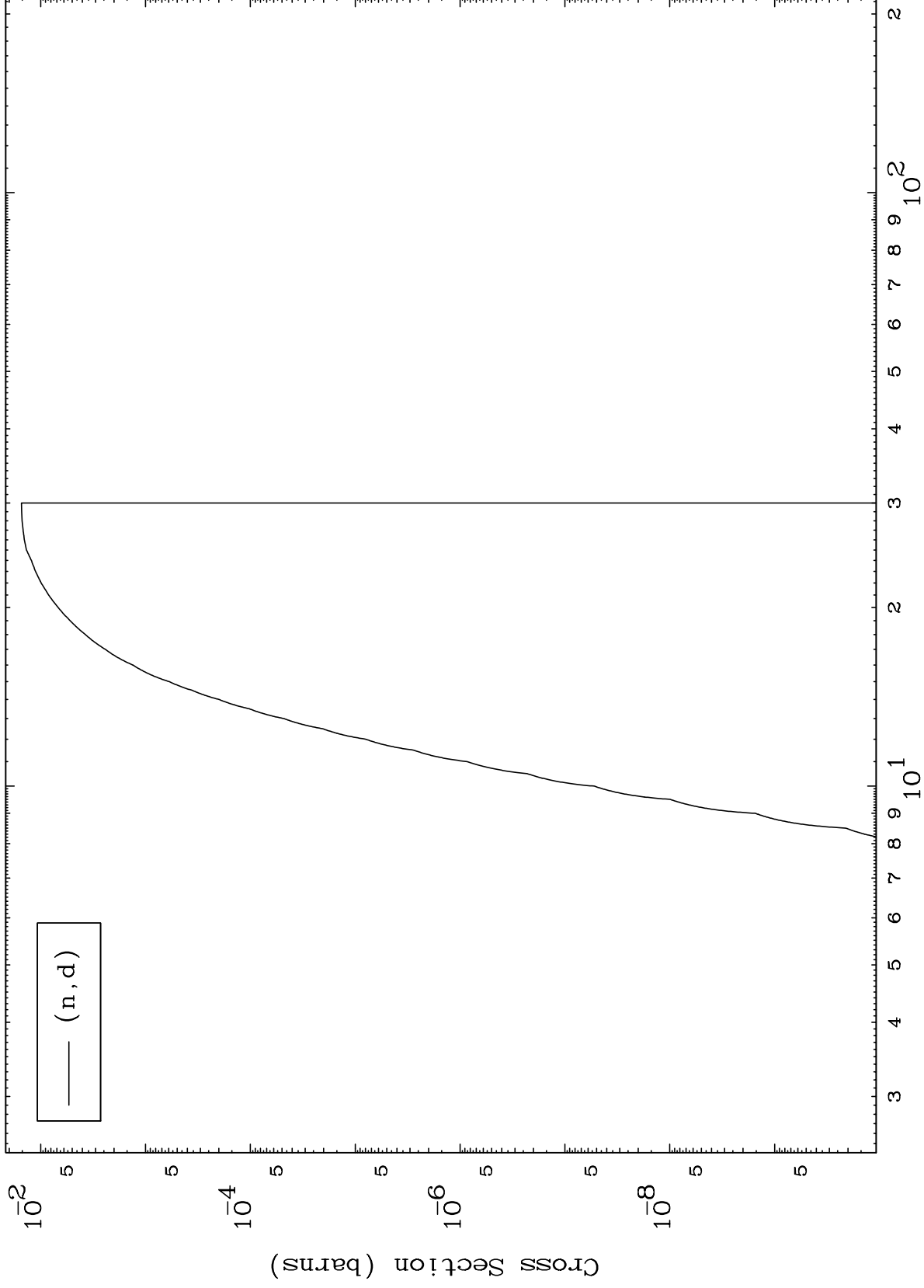
79-Au-195m



MAT 7920

(n,d) Levels
293 Kelvin Cross Sections

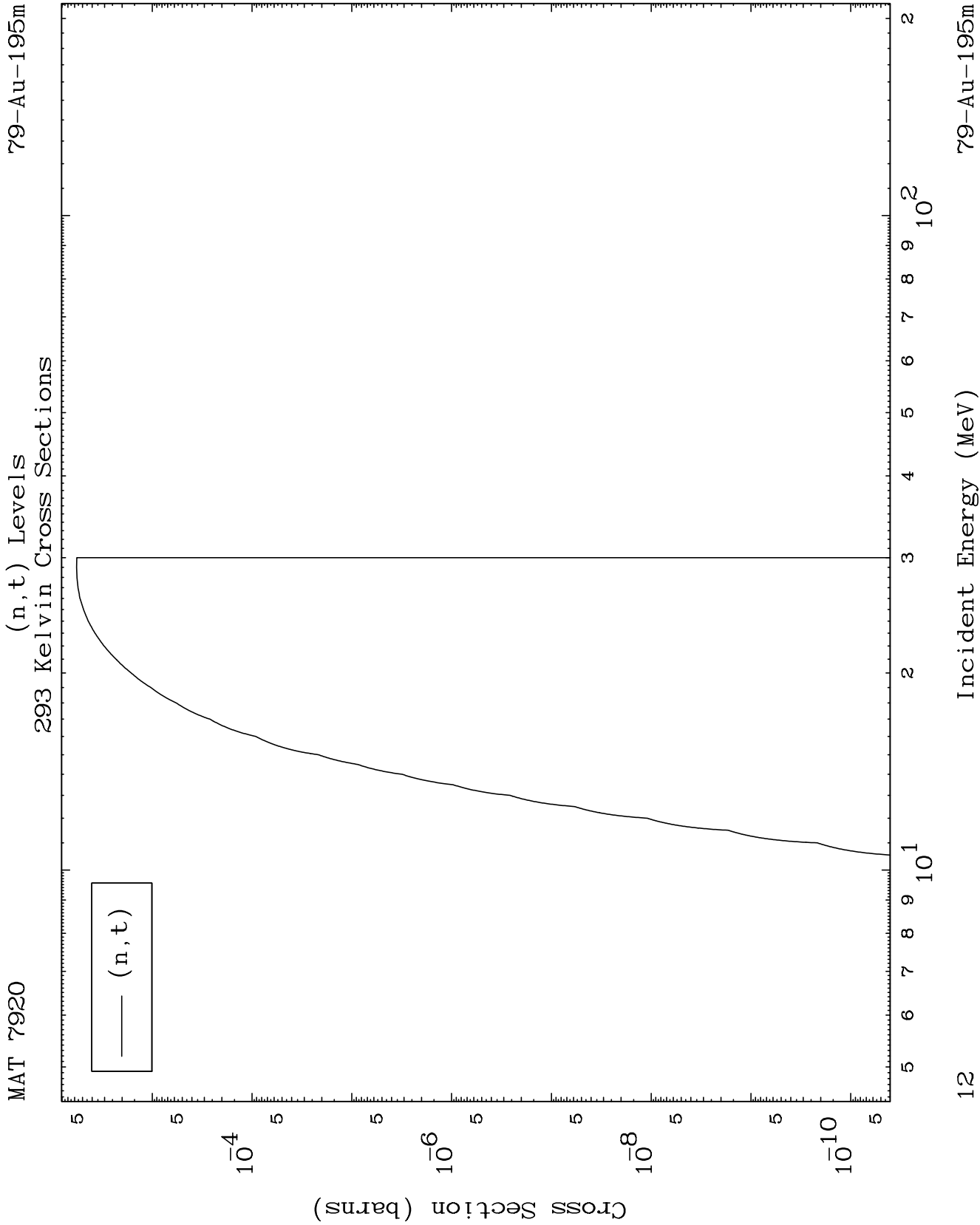
⁷⁹Au-195m



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Incident Energy (MeV)

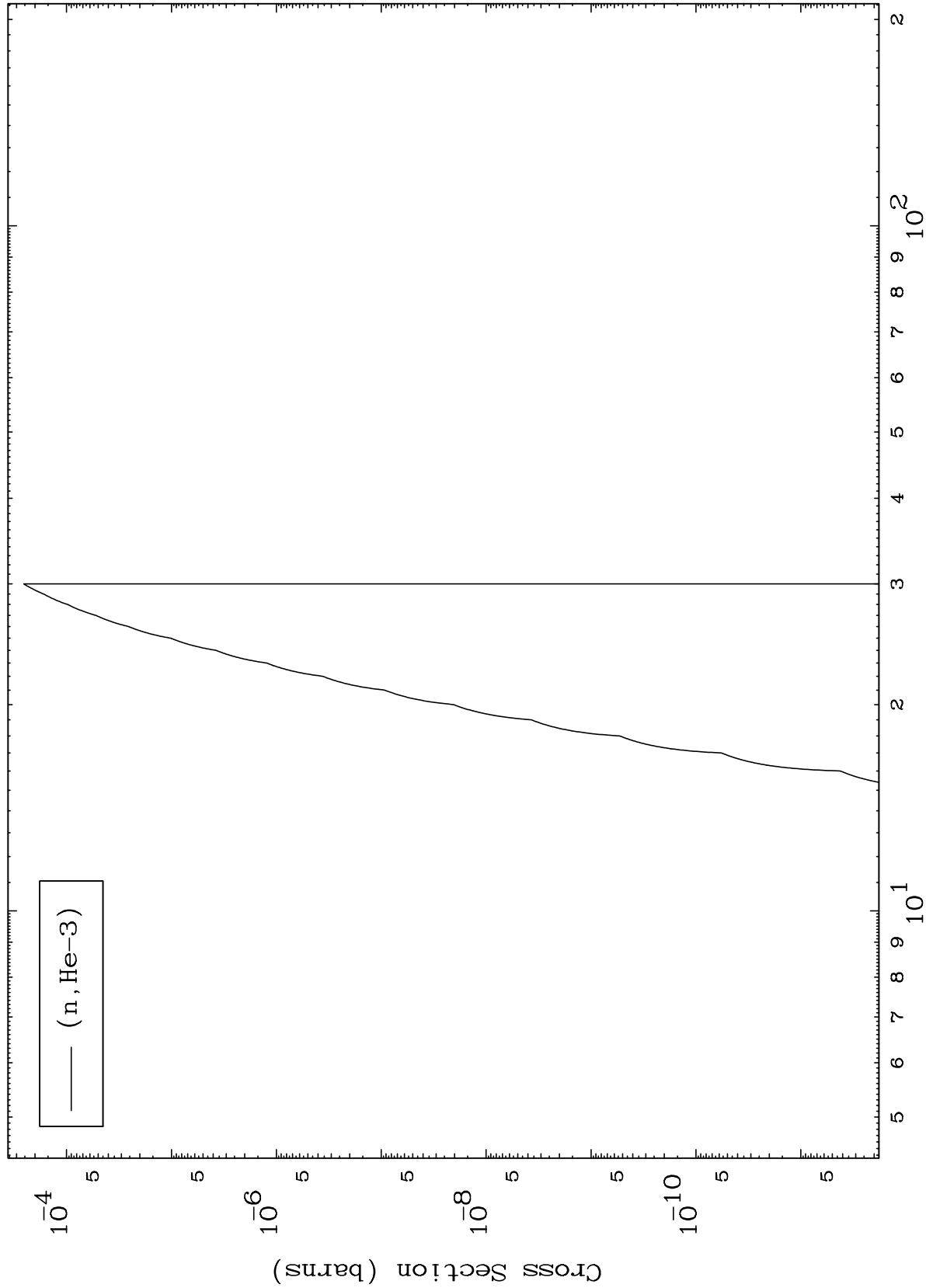
⁷⁹Au-195m



MAT 7920

(n,He3) Levels
293 Kelvin Cross Sections

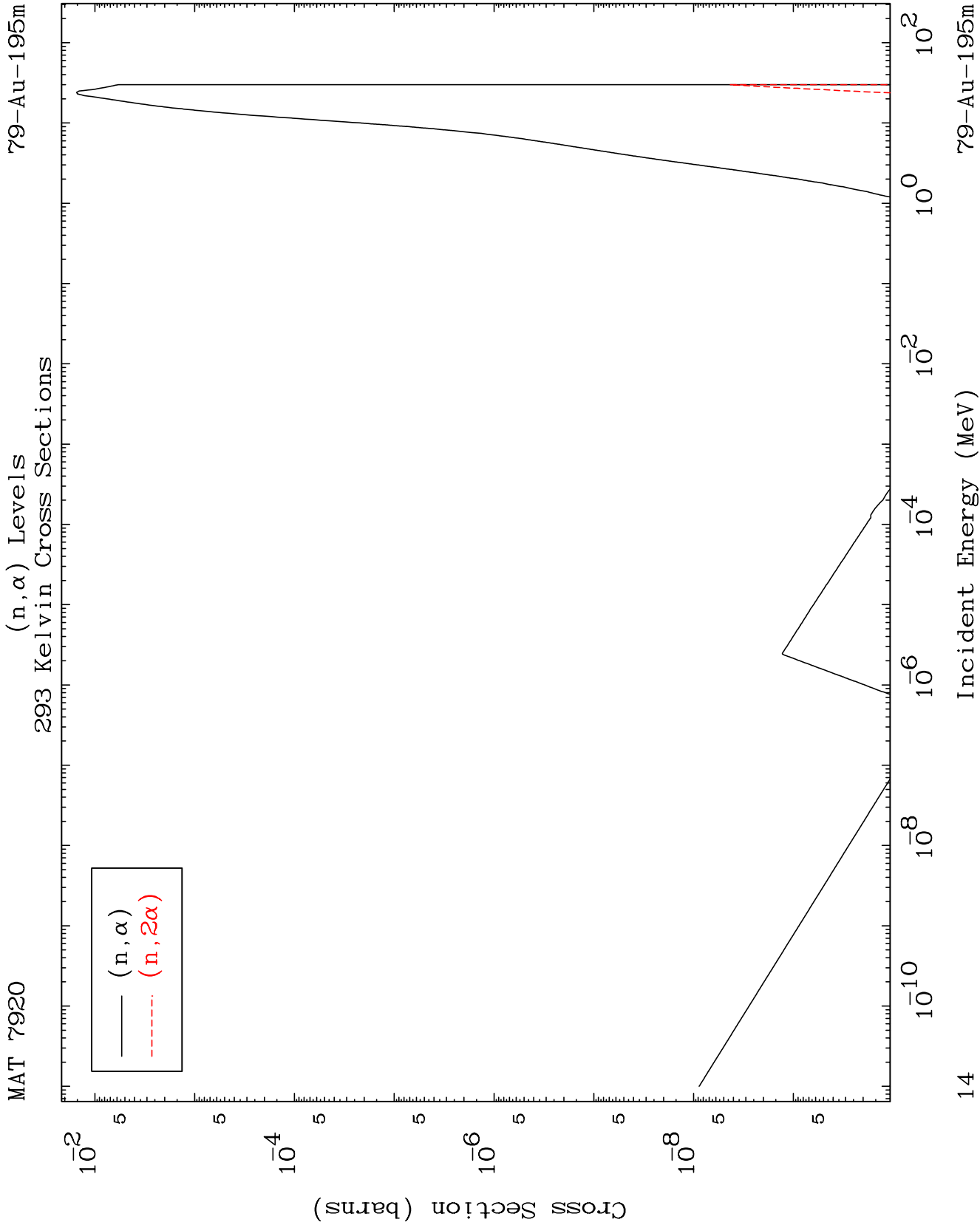
79-Au-195m

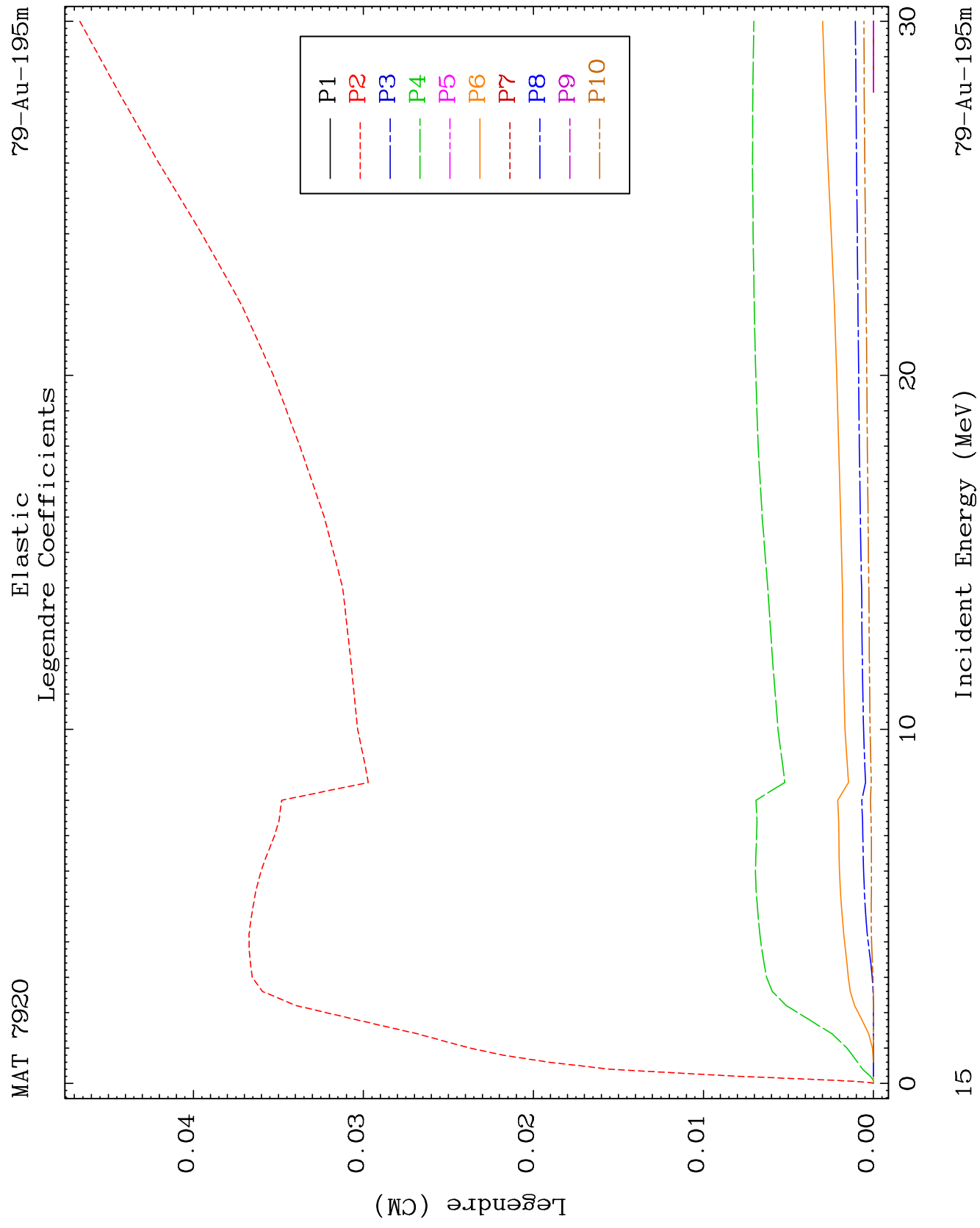


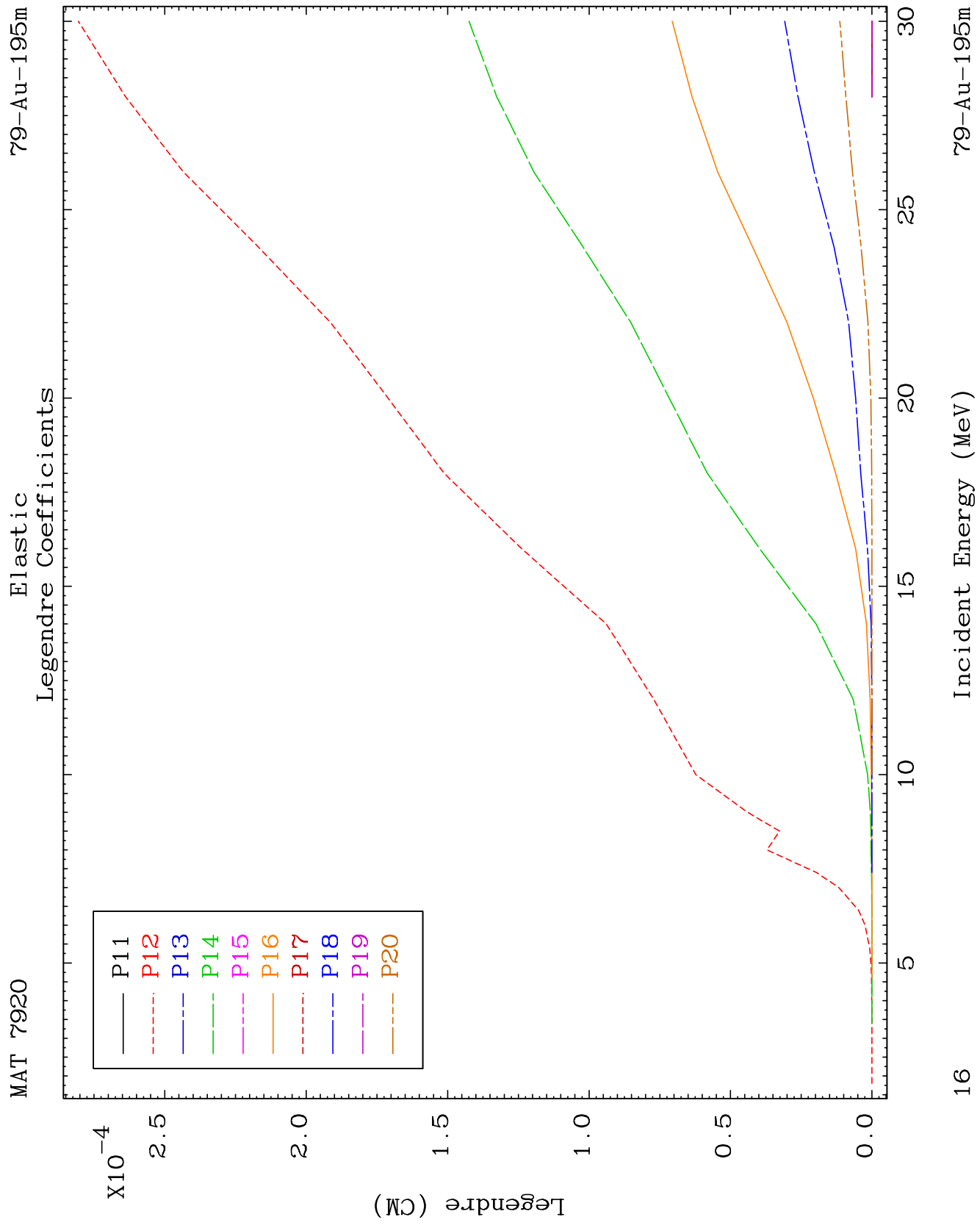
13

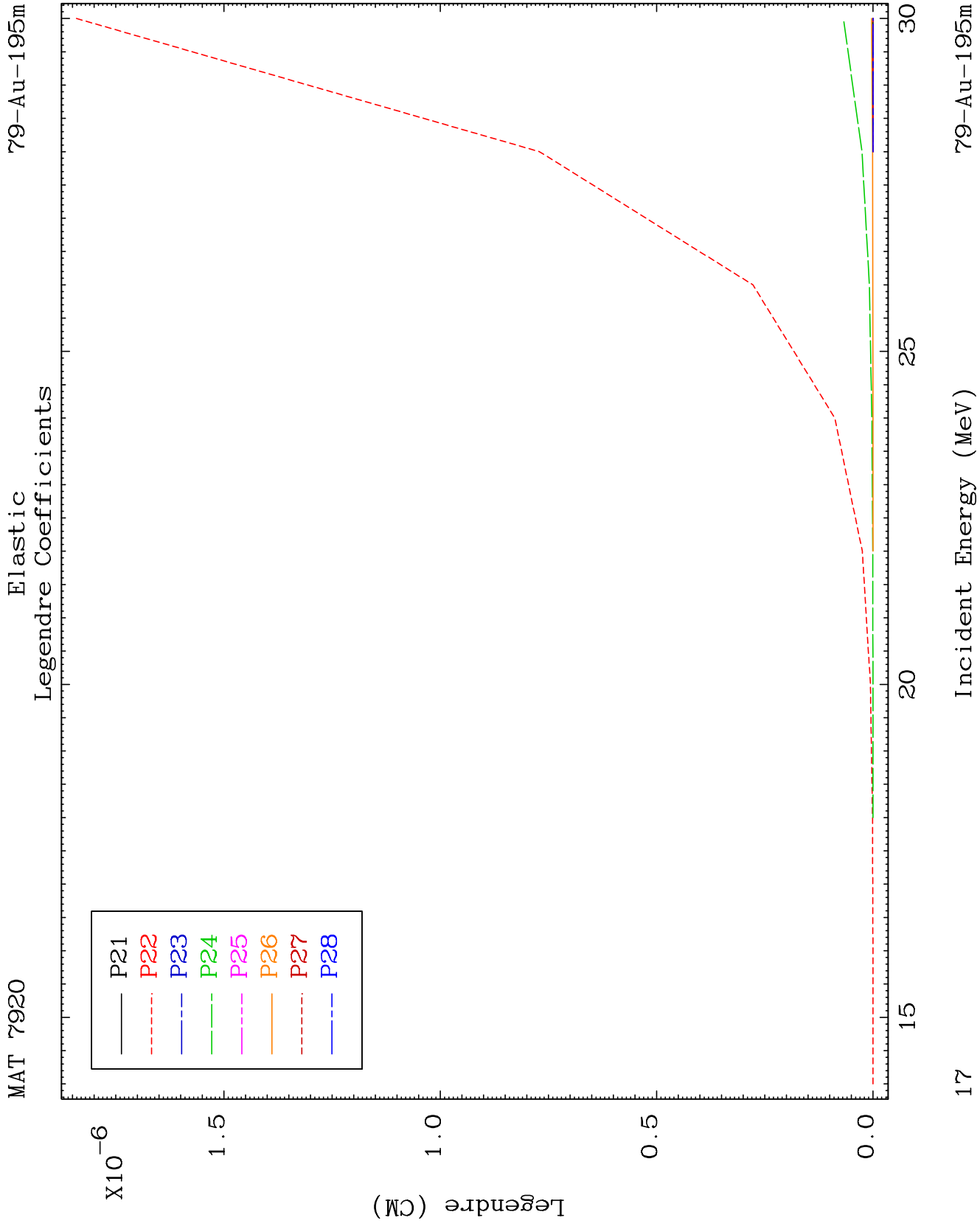
Incident Energy (MeV)

79-Au-195m





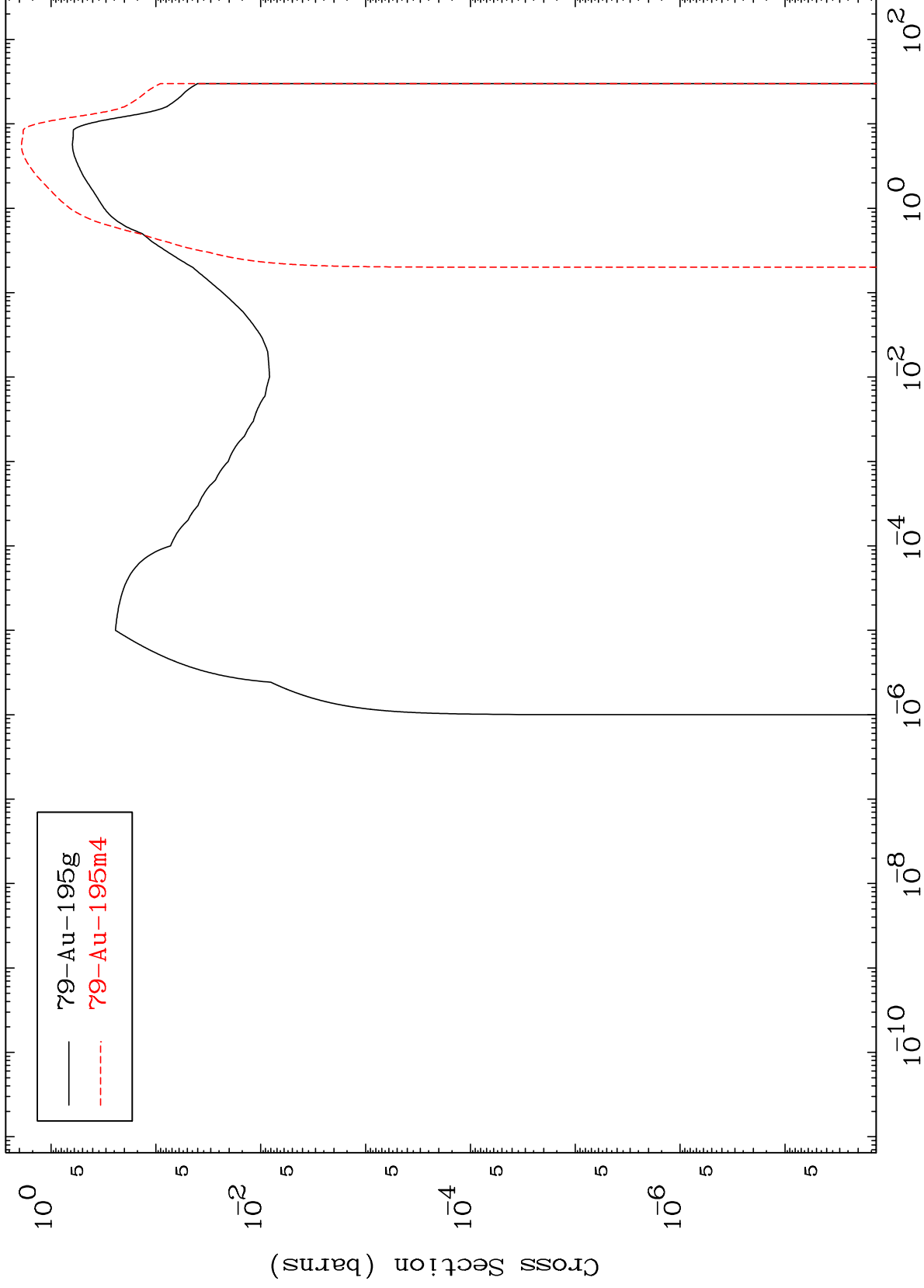




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Inelastic
Radionuclide Production Cross Section

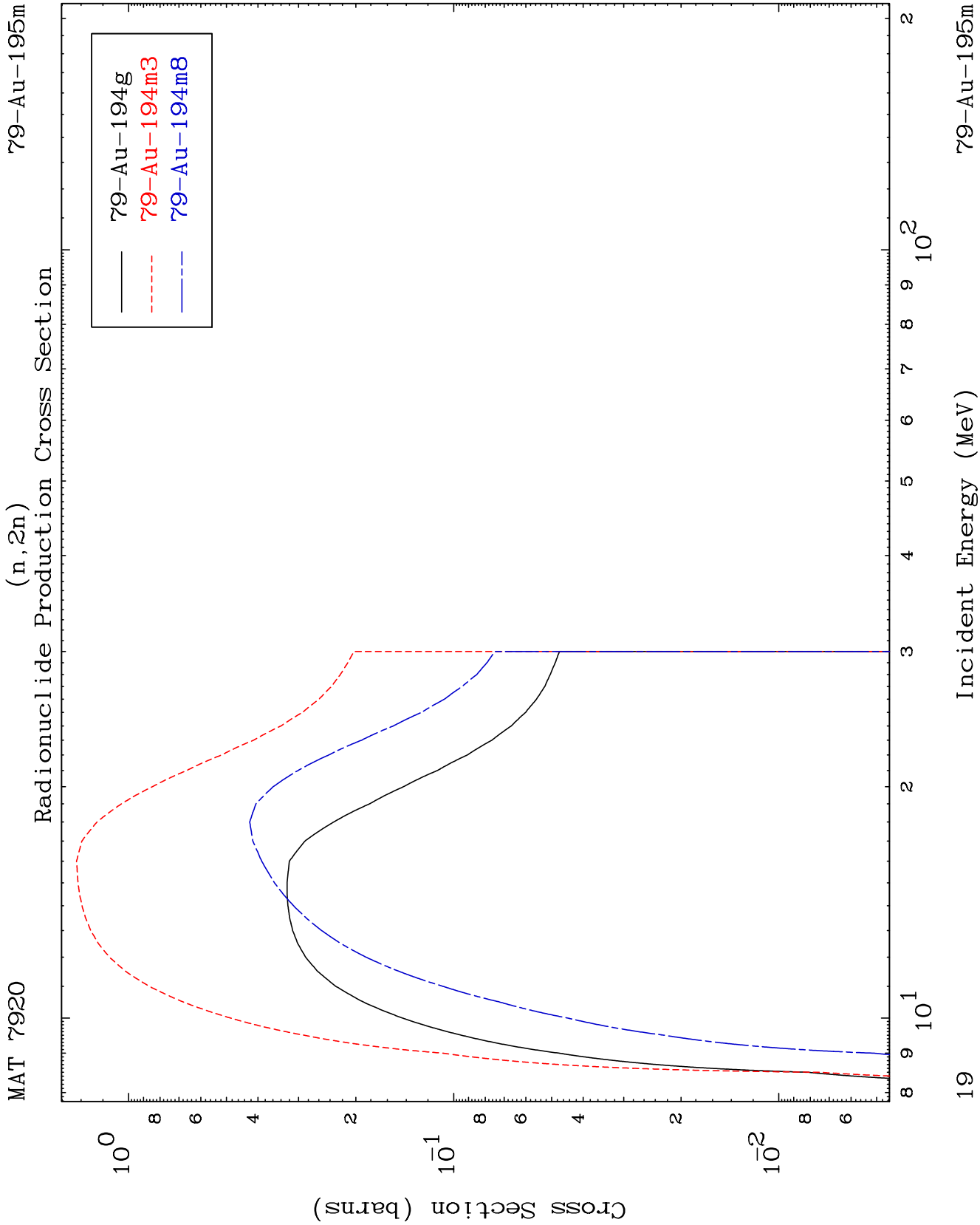
$^{79}\text{Au-195m}$

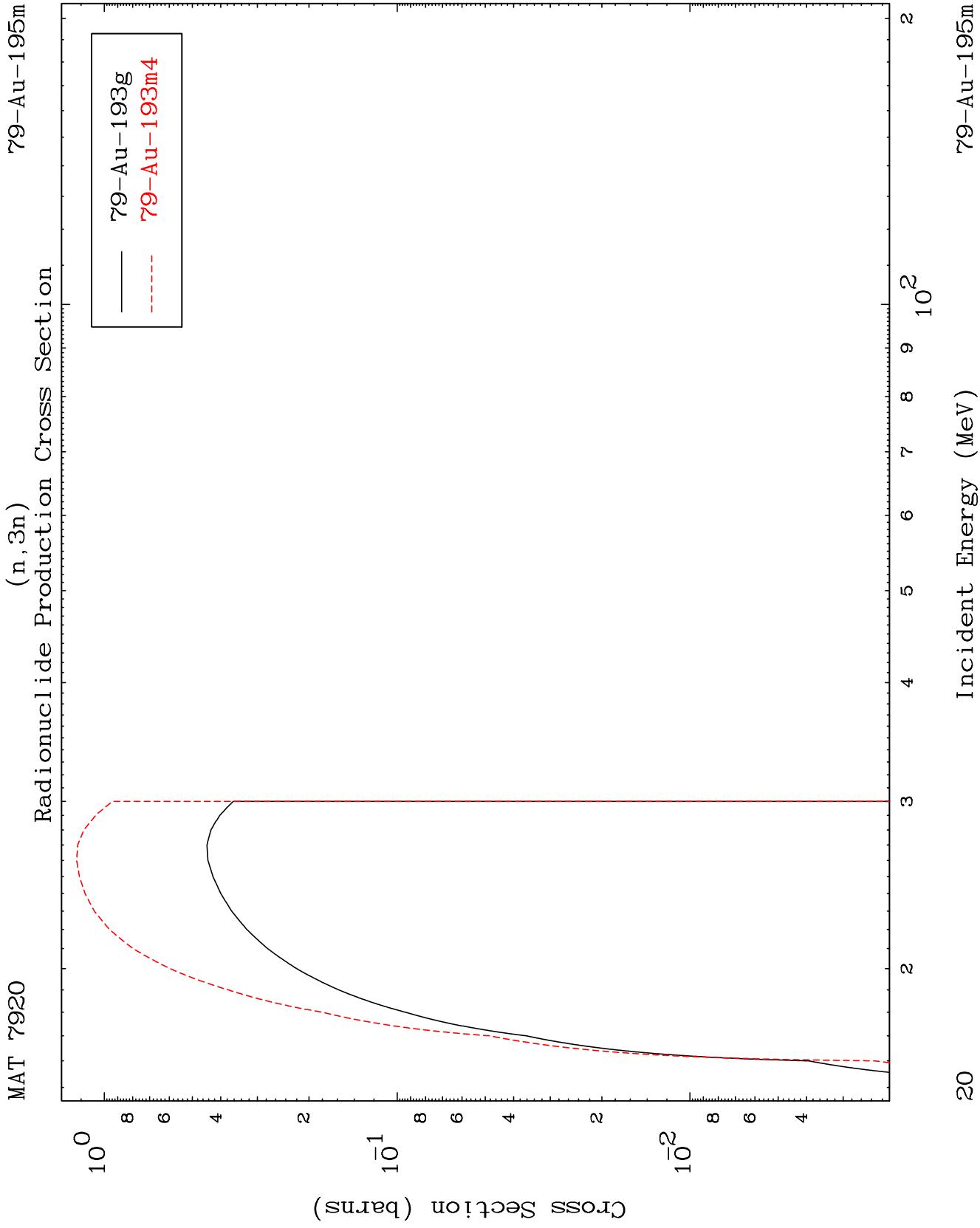


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Incident Energy (MeV)

$^{79}\text{Au-195m}$



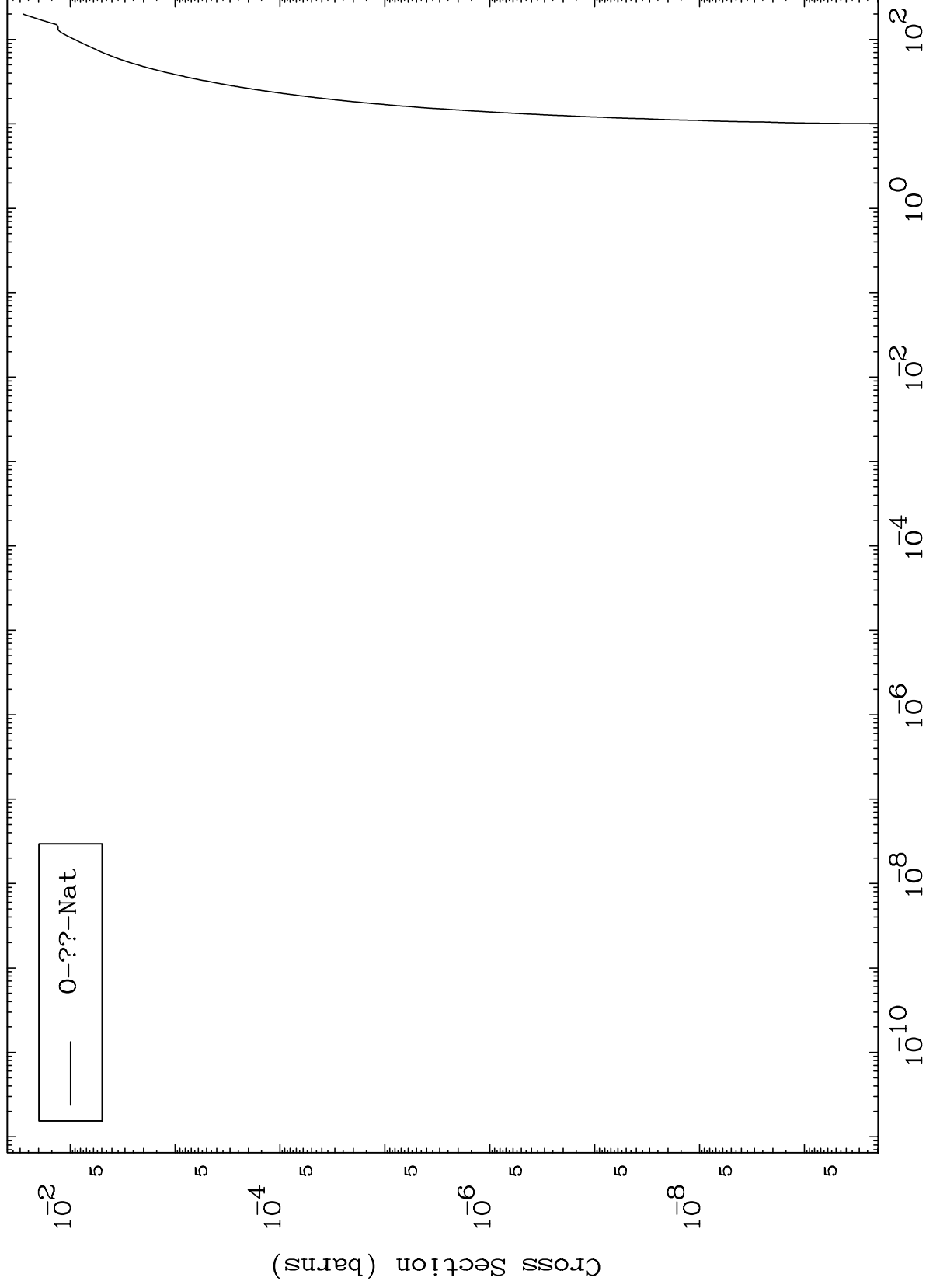


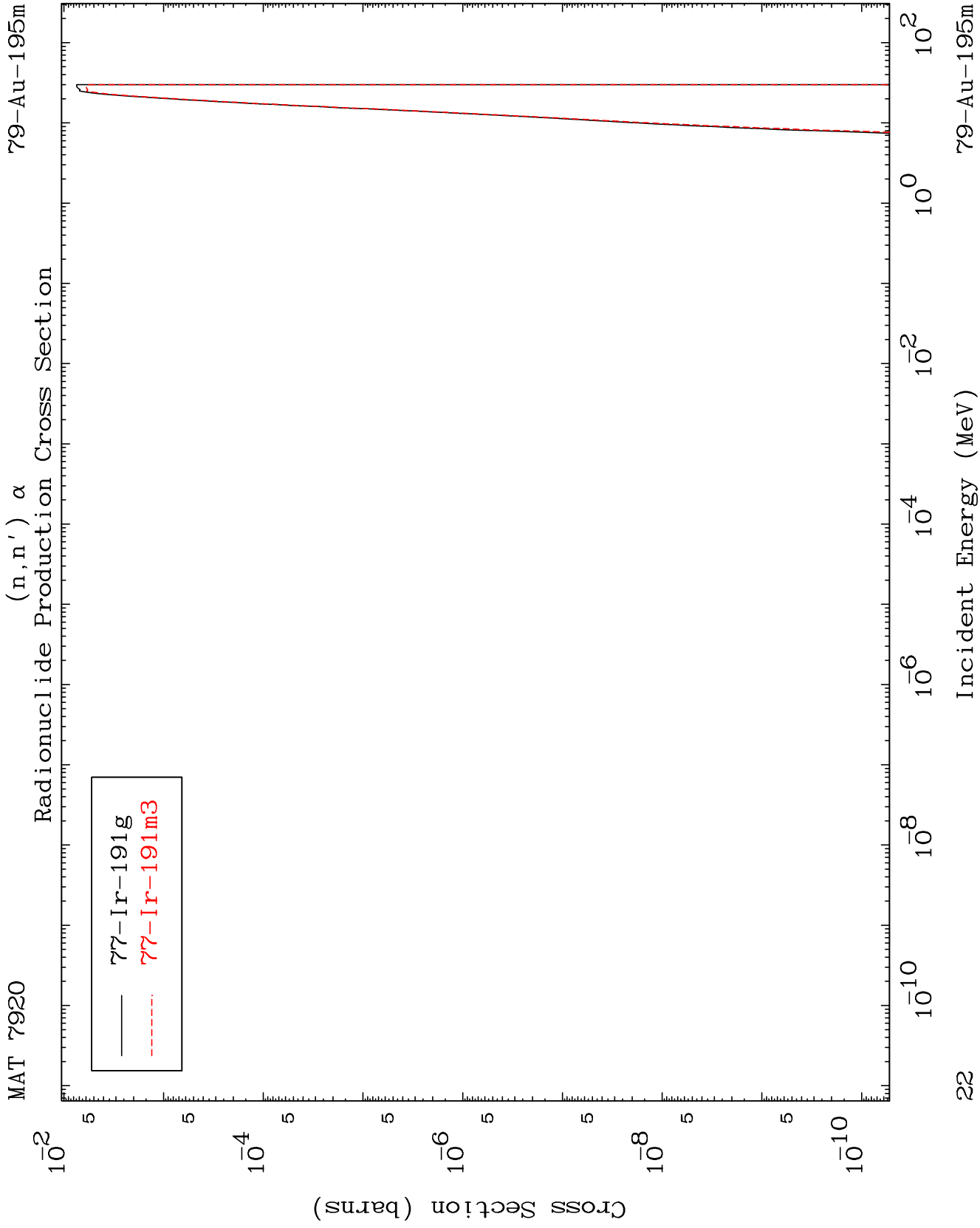
MAT 7920

Fission

⁷⁹Au-195m

Radionuclide Production Cross Section

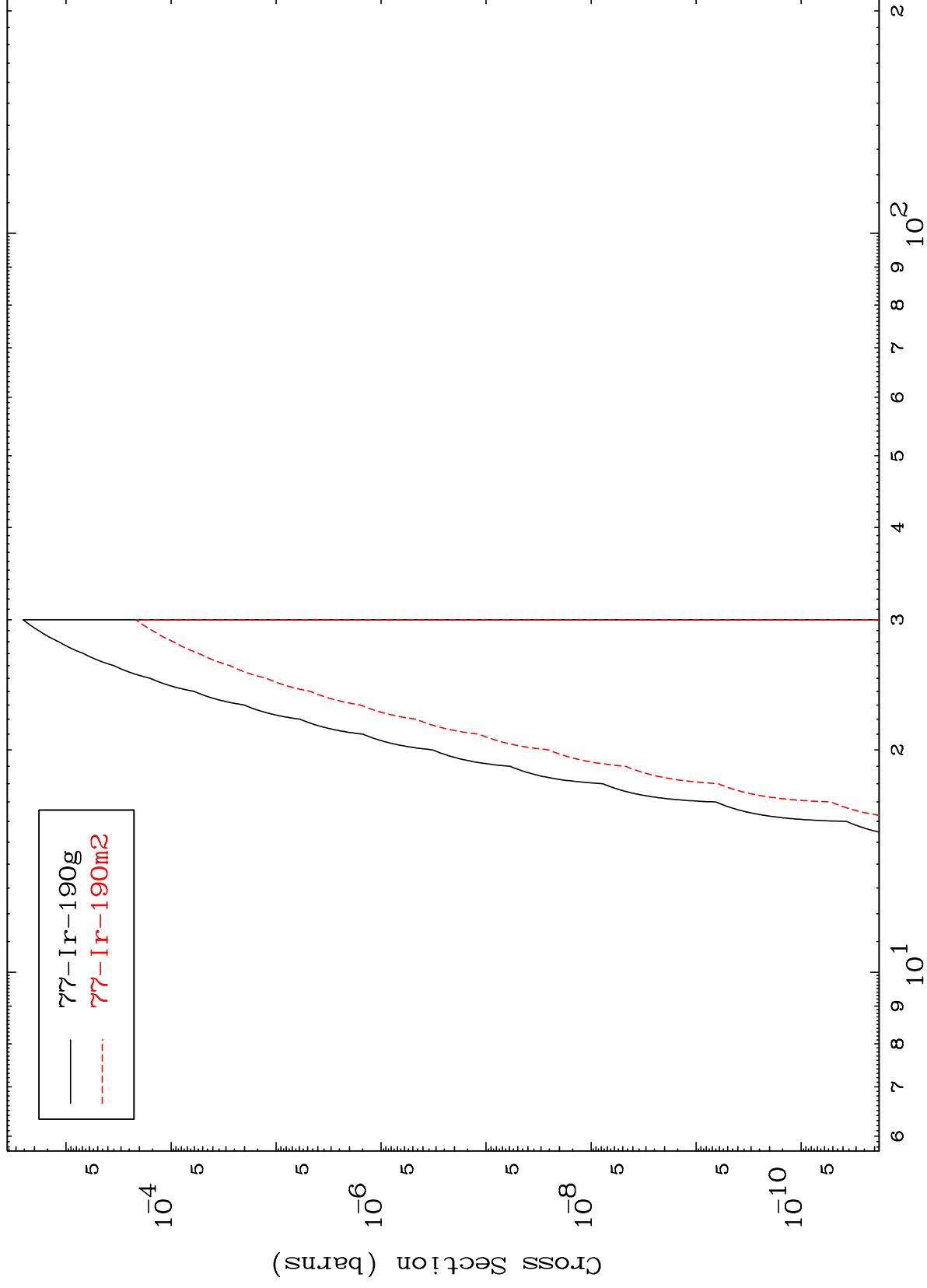




MAT 7920

⁷⁹Au-195m

(n,2n) α
Radionuclide Production Cross Section

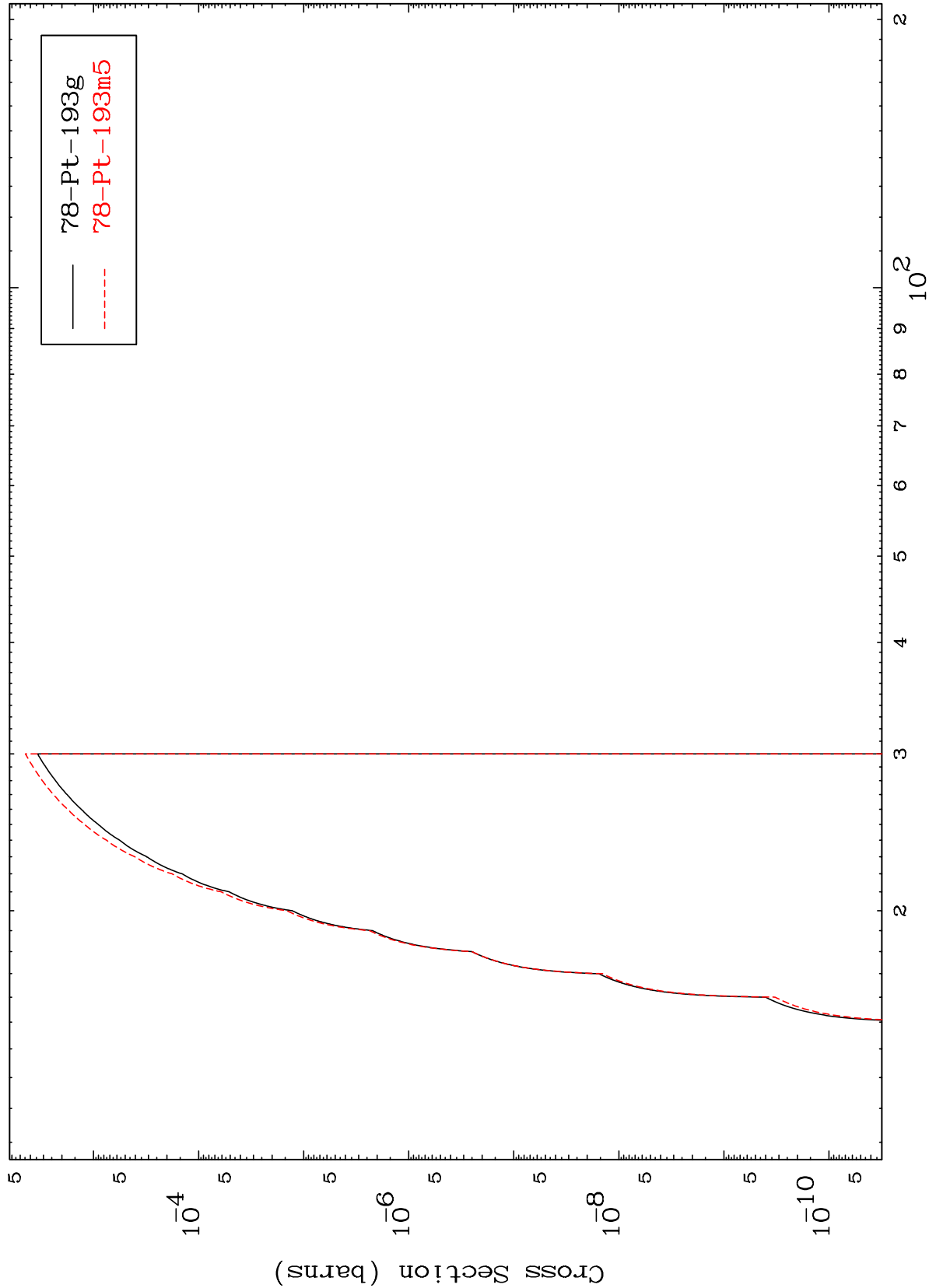


23

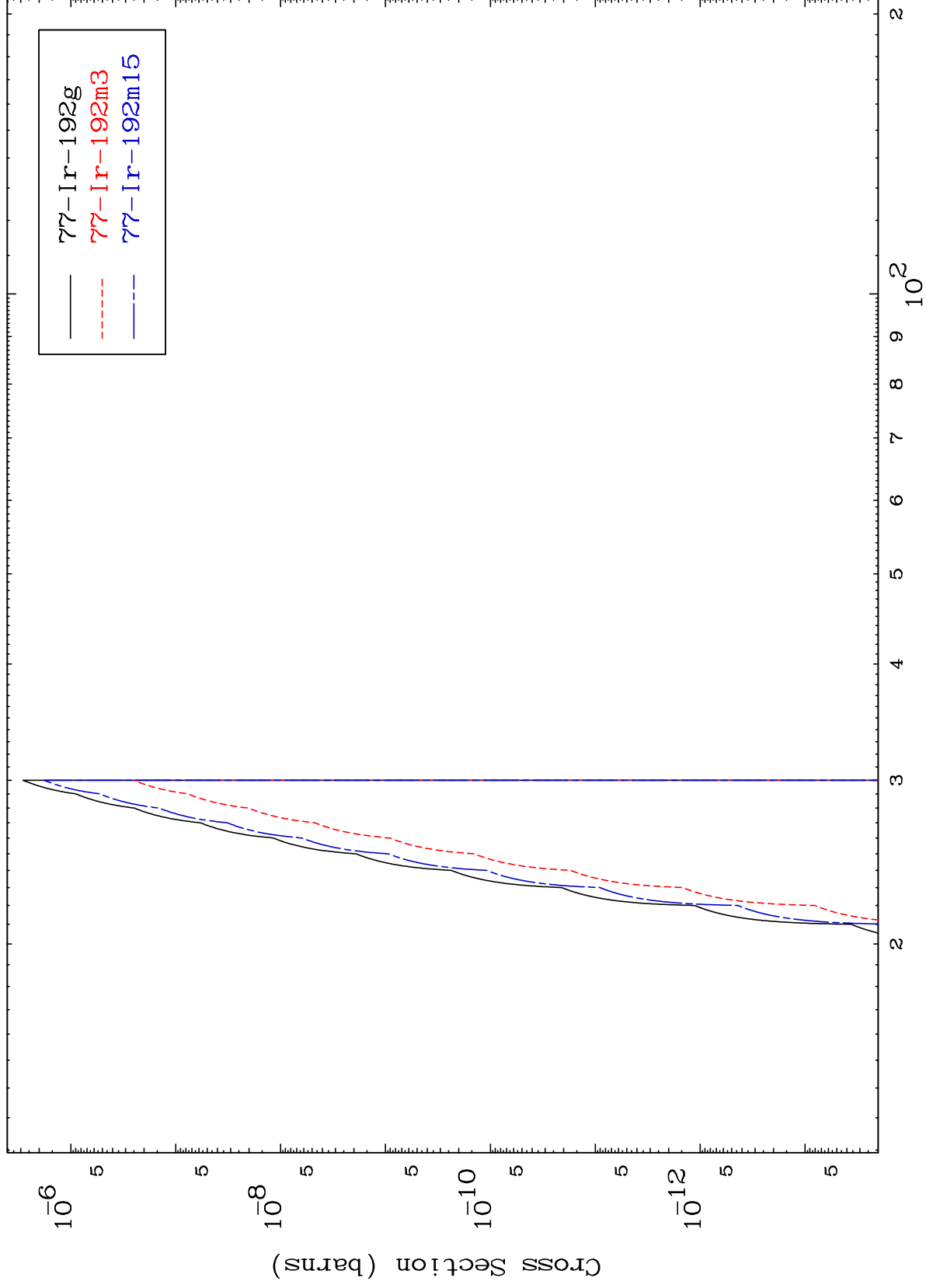
Incident Energy (MeV)

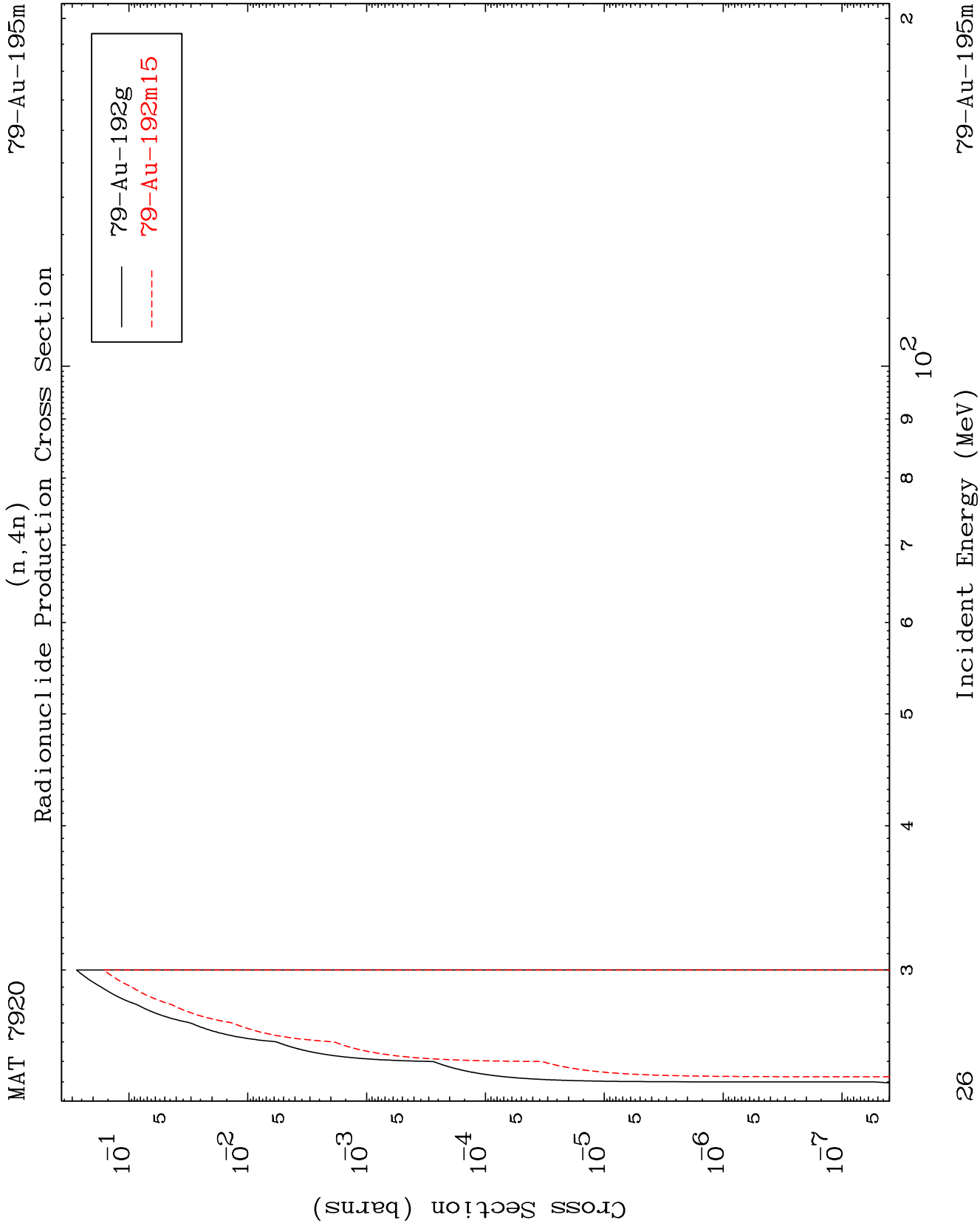
⁷⁹Au-195m

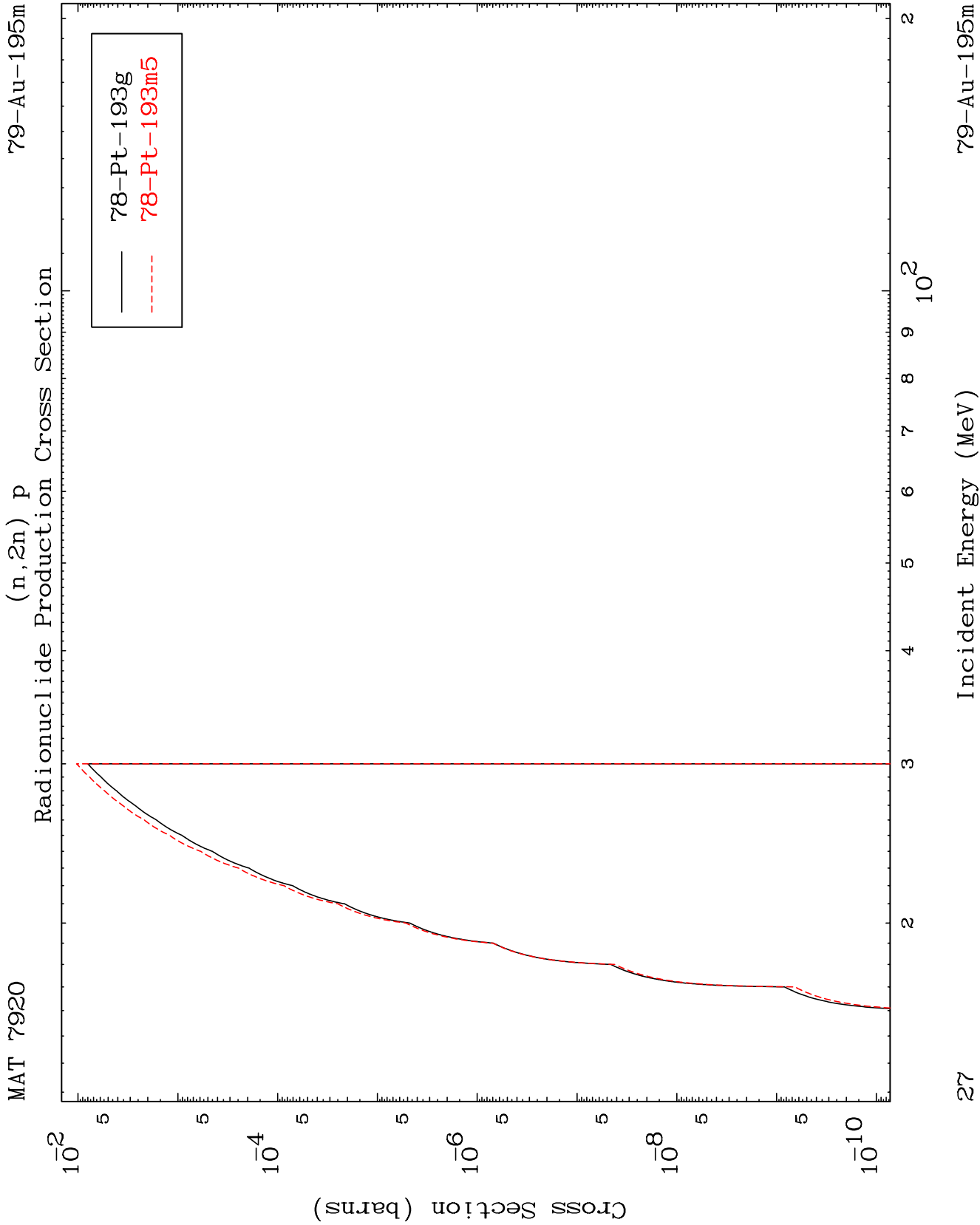
(n,n') d
Radionuclide Production Cross Section



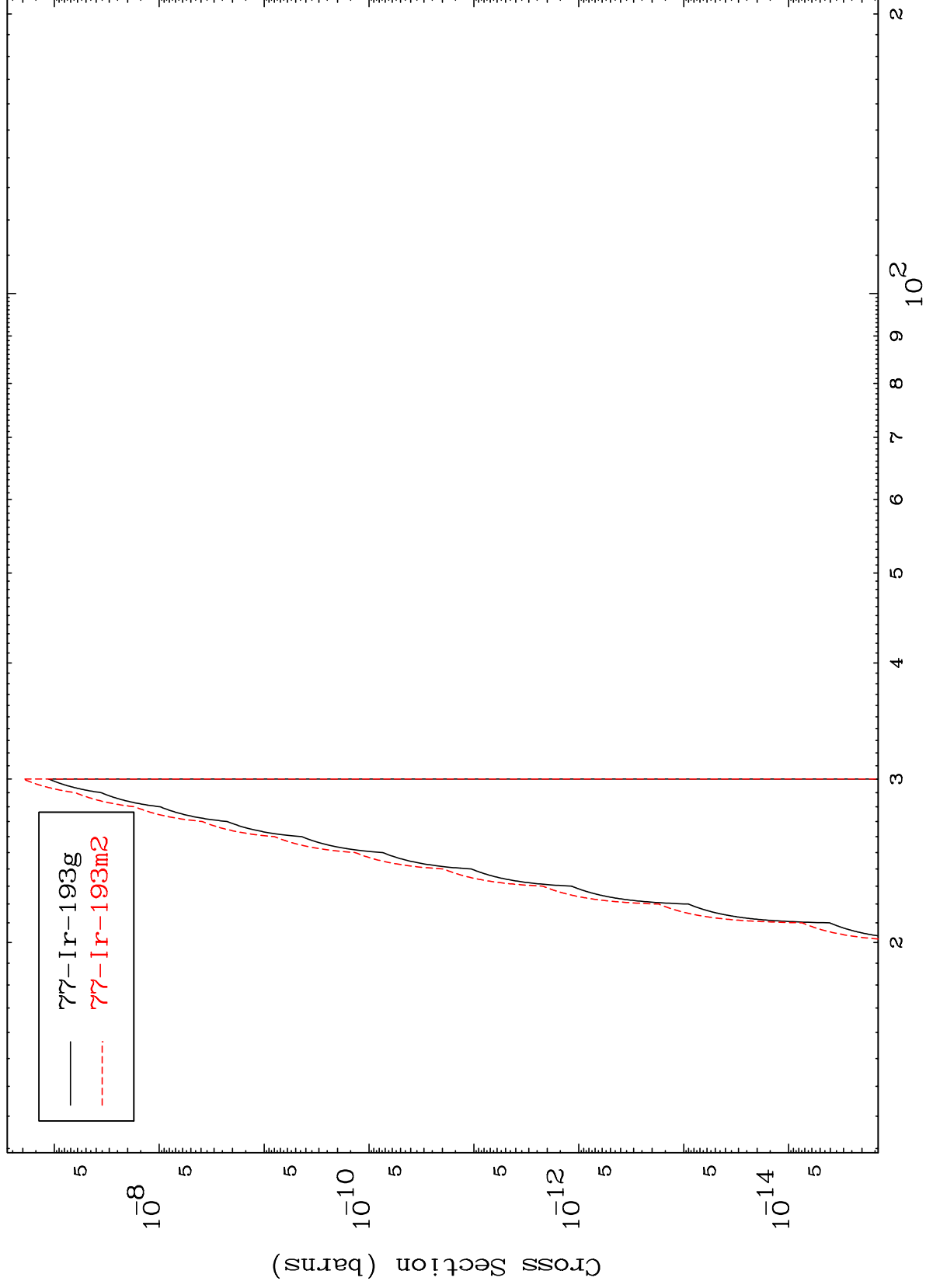
Radionuclide Production Cross Section







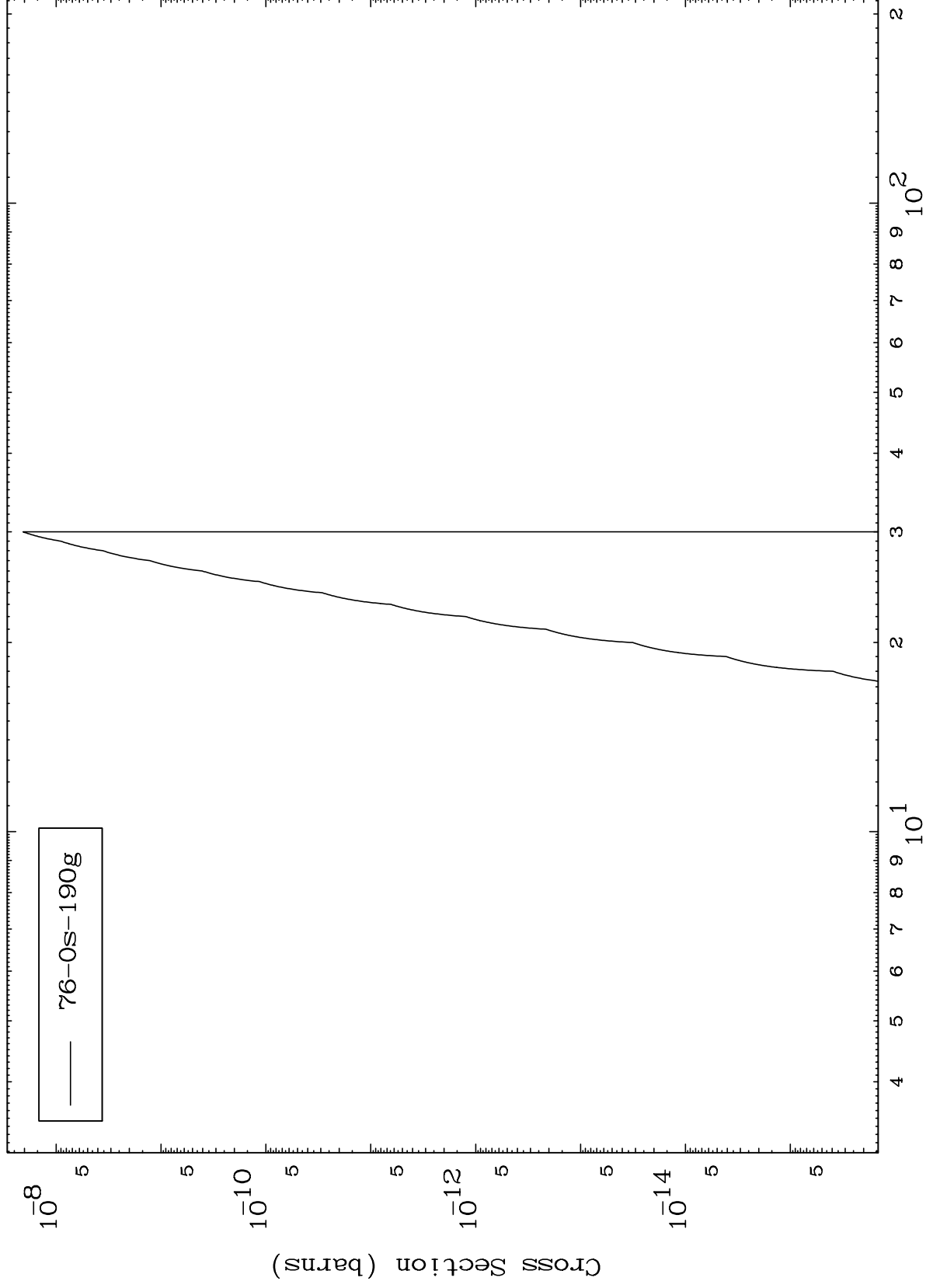
(n,2n) p
Radionuclide Production Cross Section



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$^{79}\text{Au-195m}$

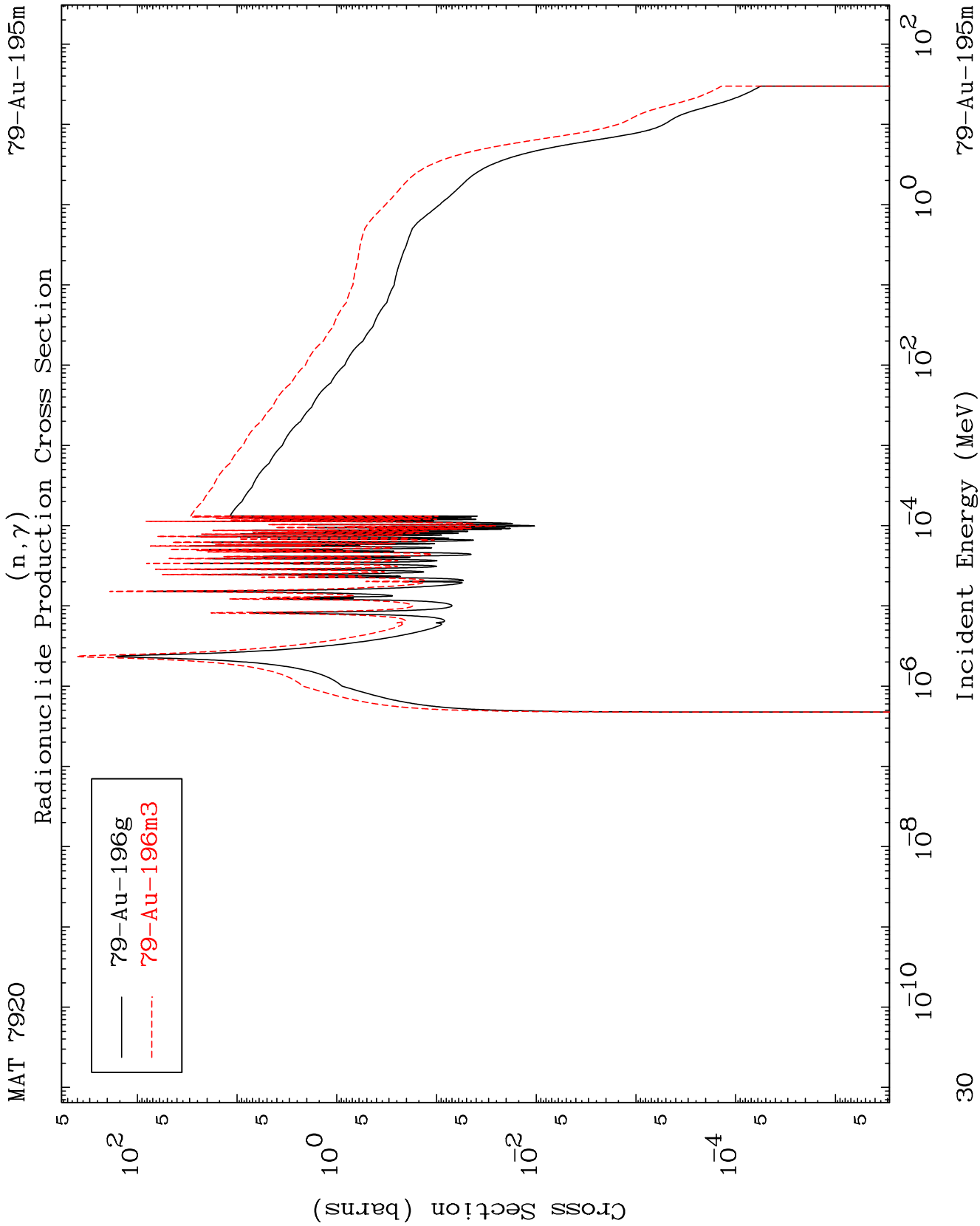
$(n,n')\ p\ \alpha$
Radionuclide Production Cross Section



29

Incident Energy (MeV)

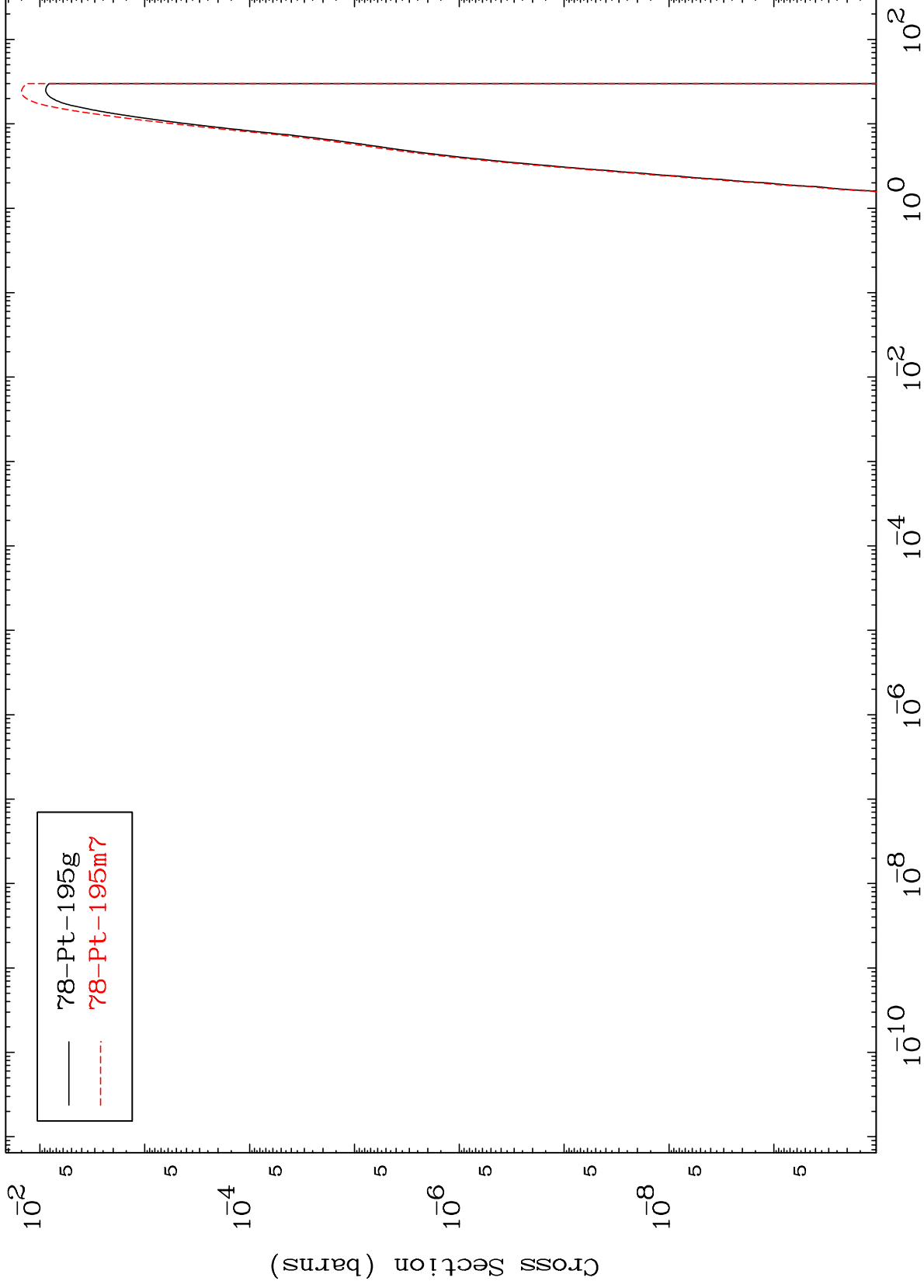
$^{79}\text{Au-195m}$



MAT 7920

⁷⁹Au-195m

Radionuclide Production Cross Section



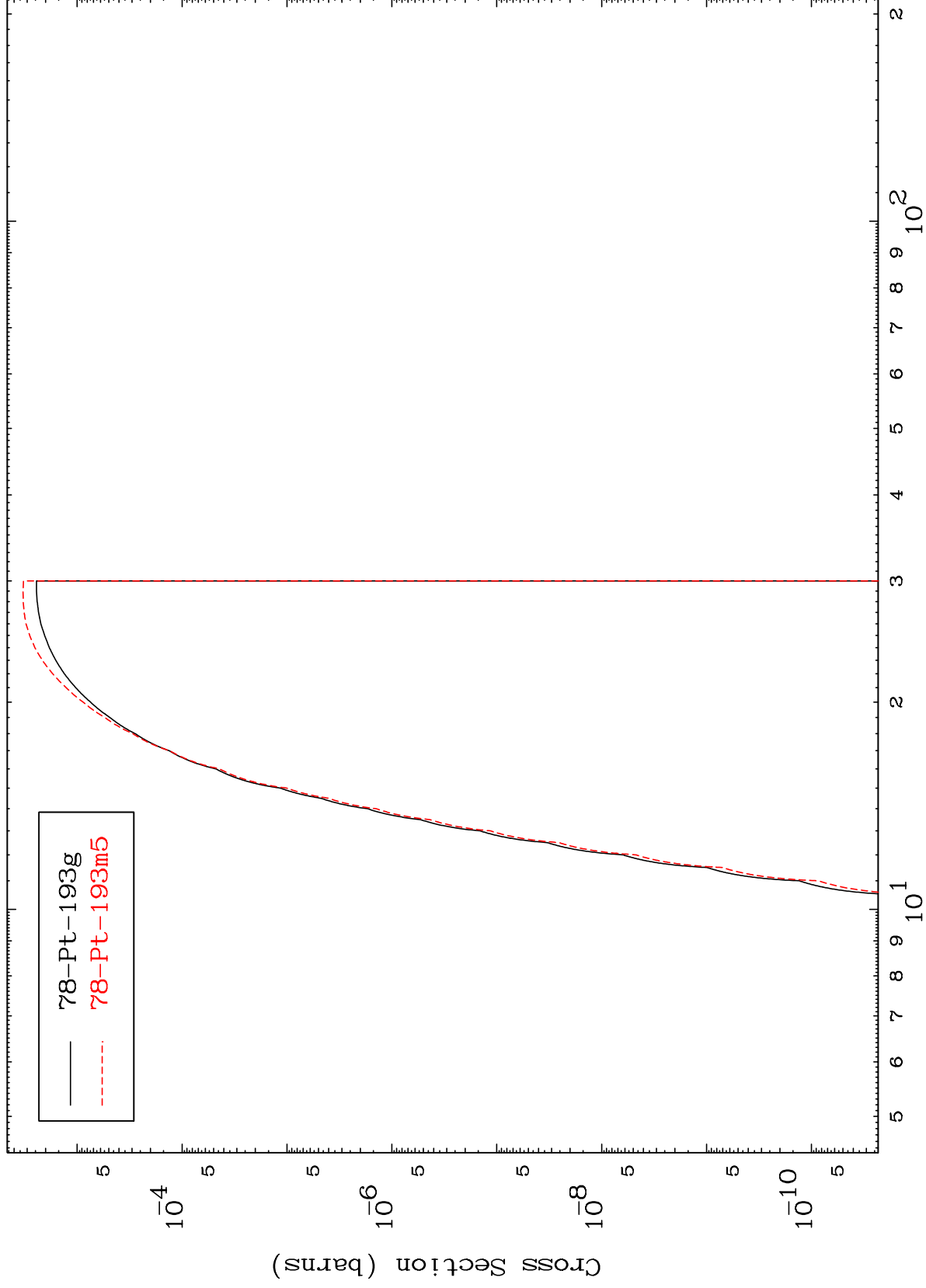
31

⁷⁹Au-195m

MAT 7920

⁷⁹Au-195m

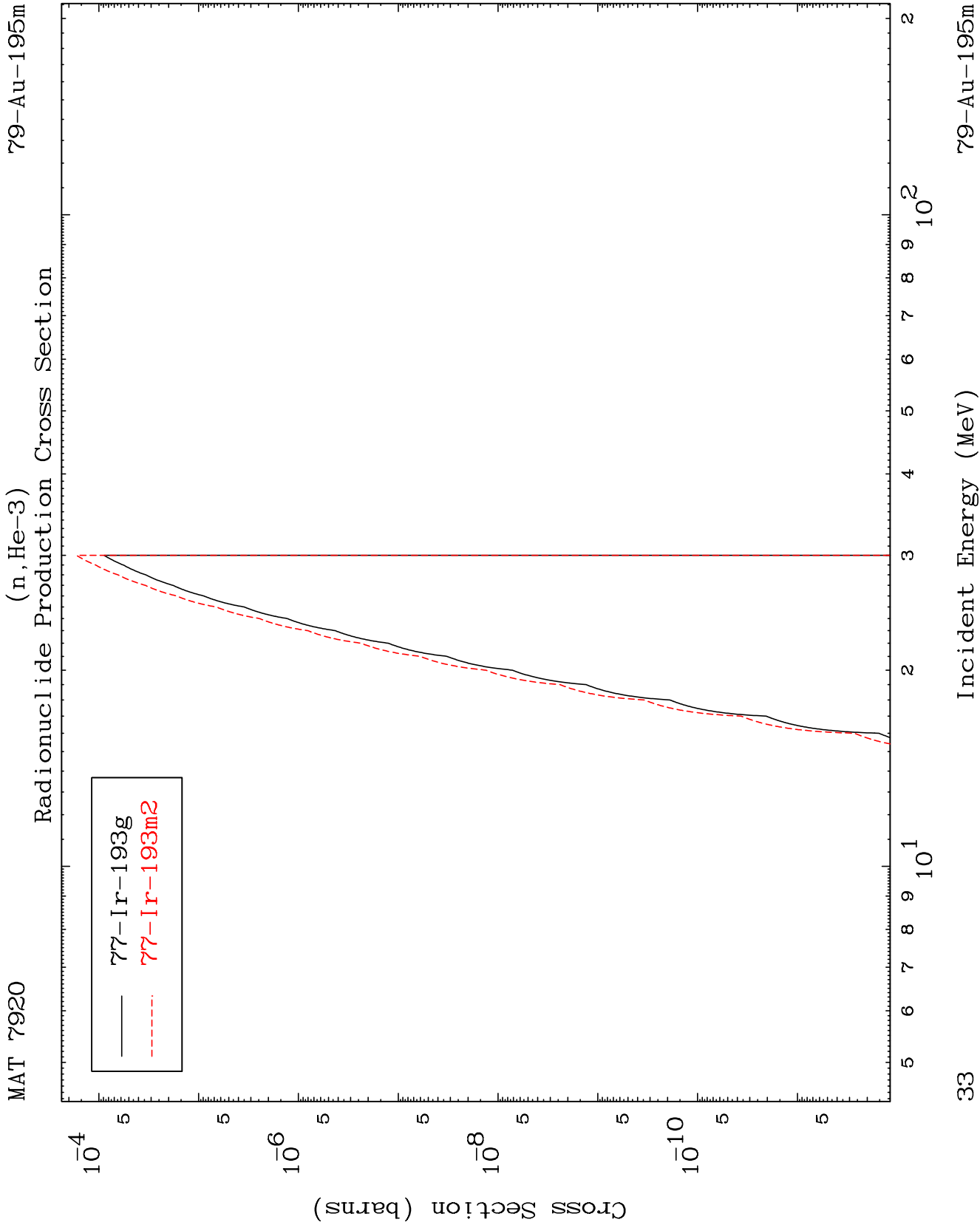
Radionuclide Production Cross Section

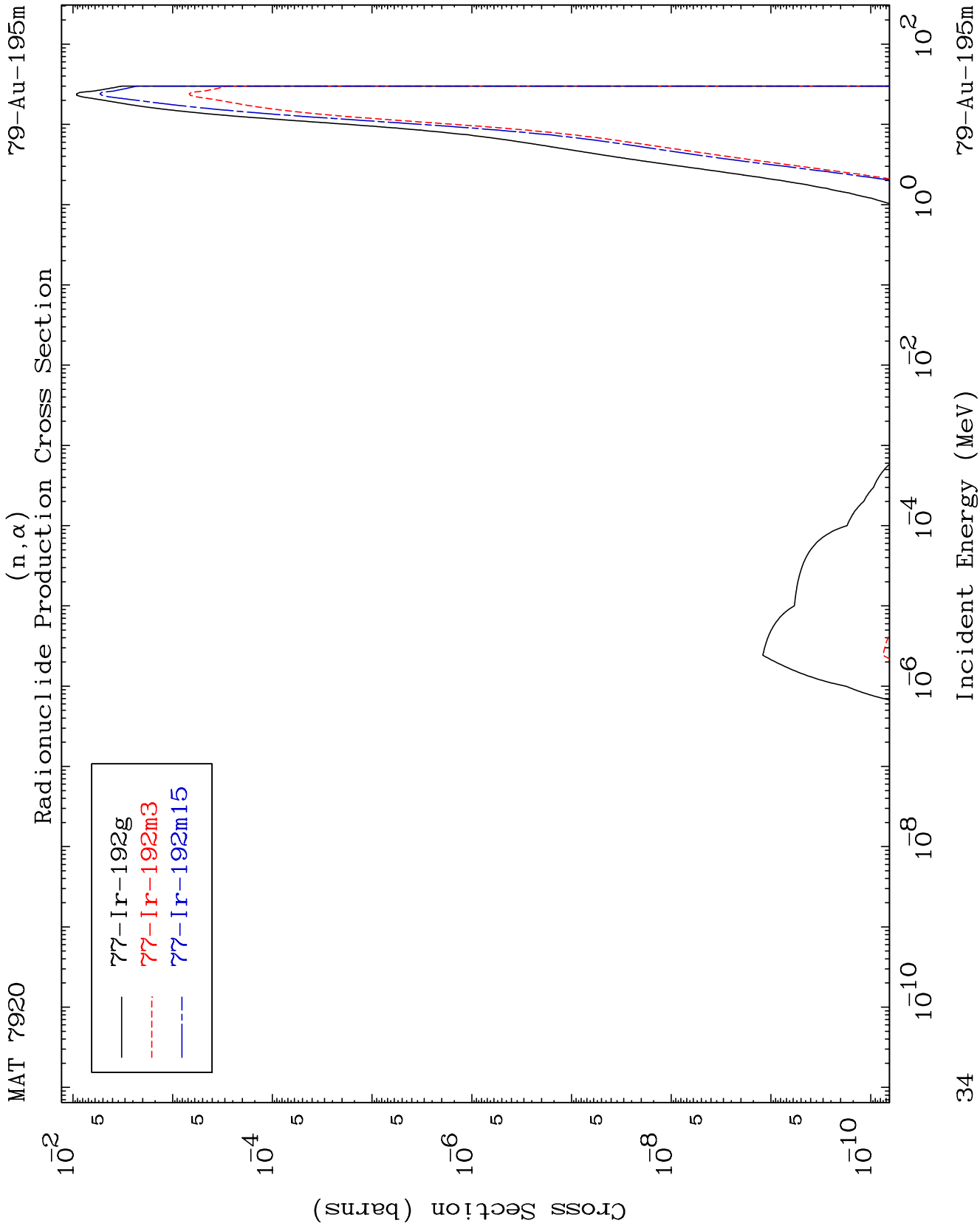


32

Incident Energy (MeV)

⁷⁹Au-195m

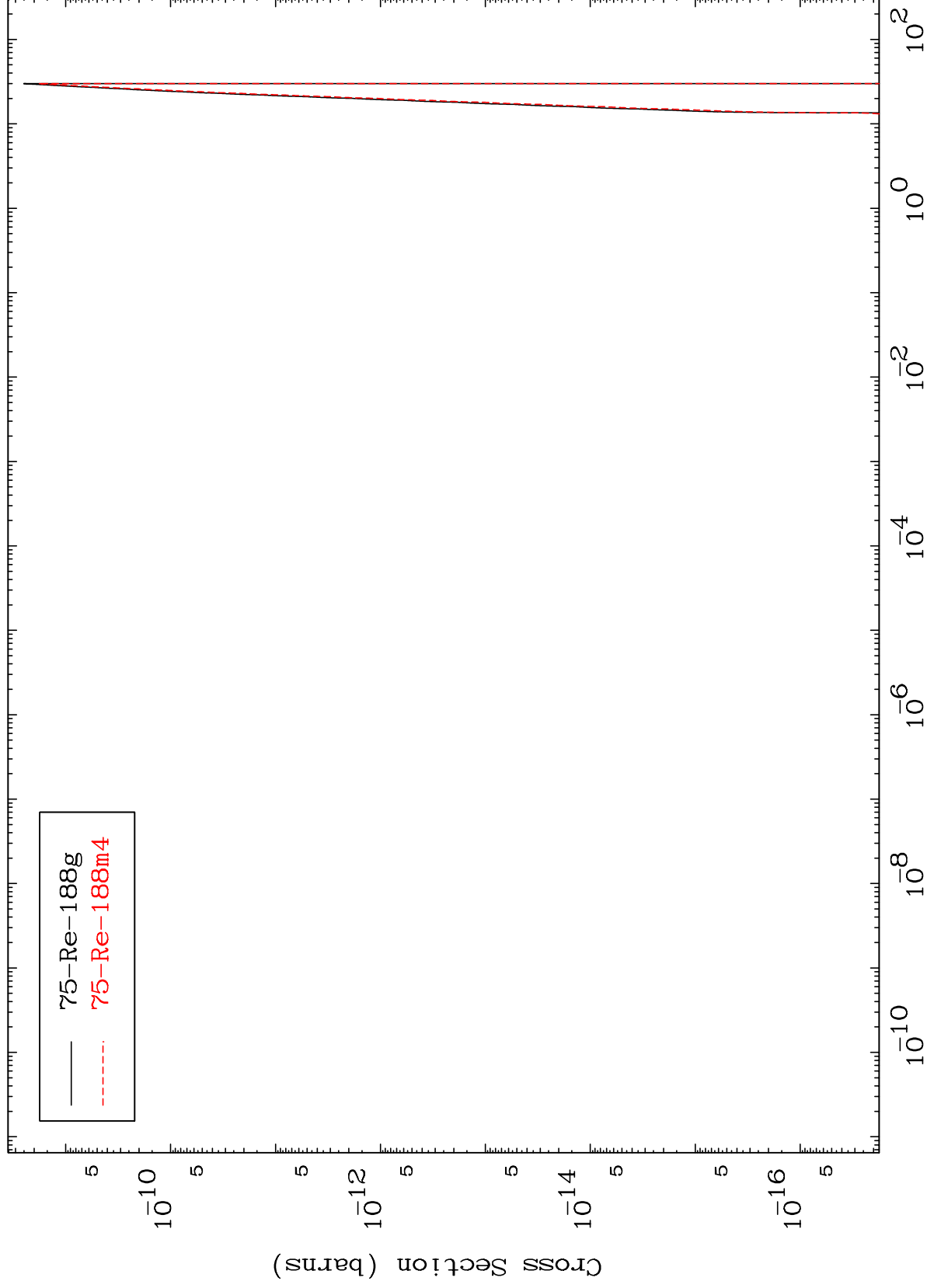




MAT 7920

⁷⁹Au-195m

(n,2α)
Radionuclide Production Cross Section



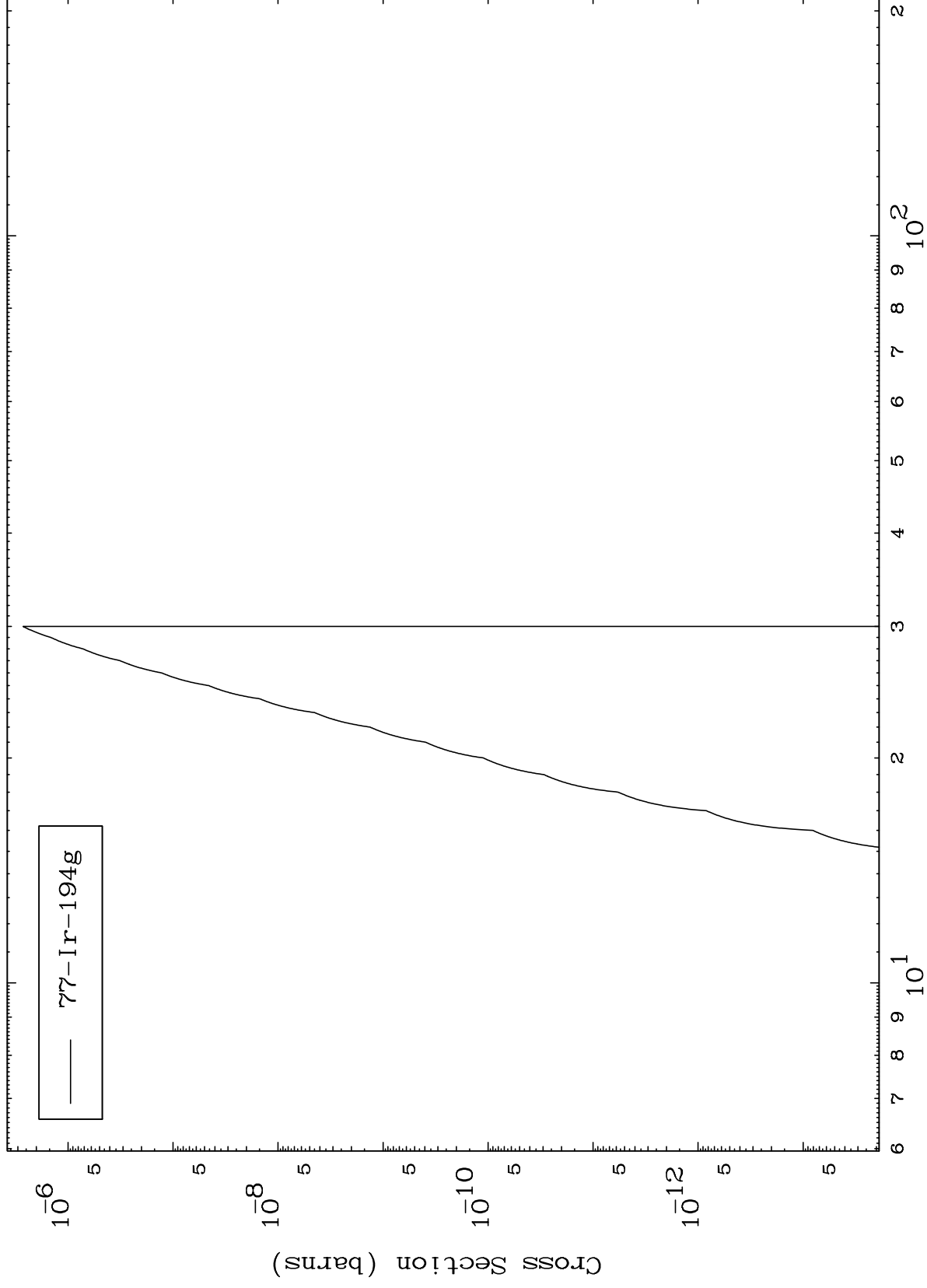
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⁷⁹Au-195m

MAT 7920

⁷⁹Au-195m

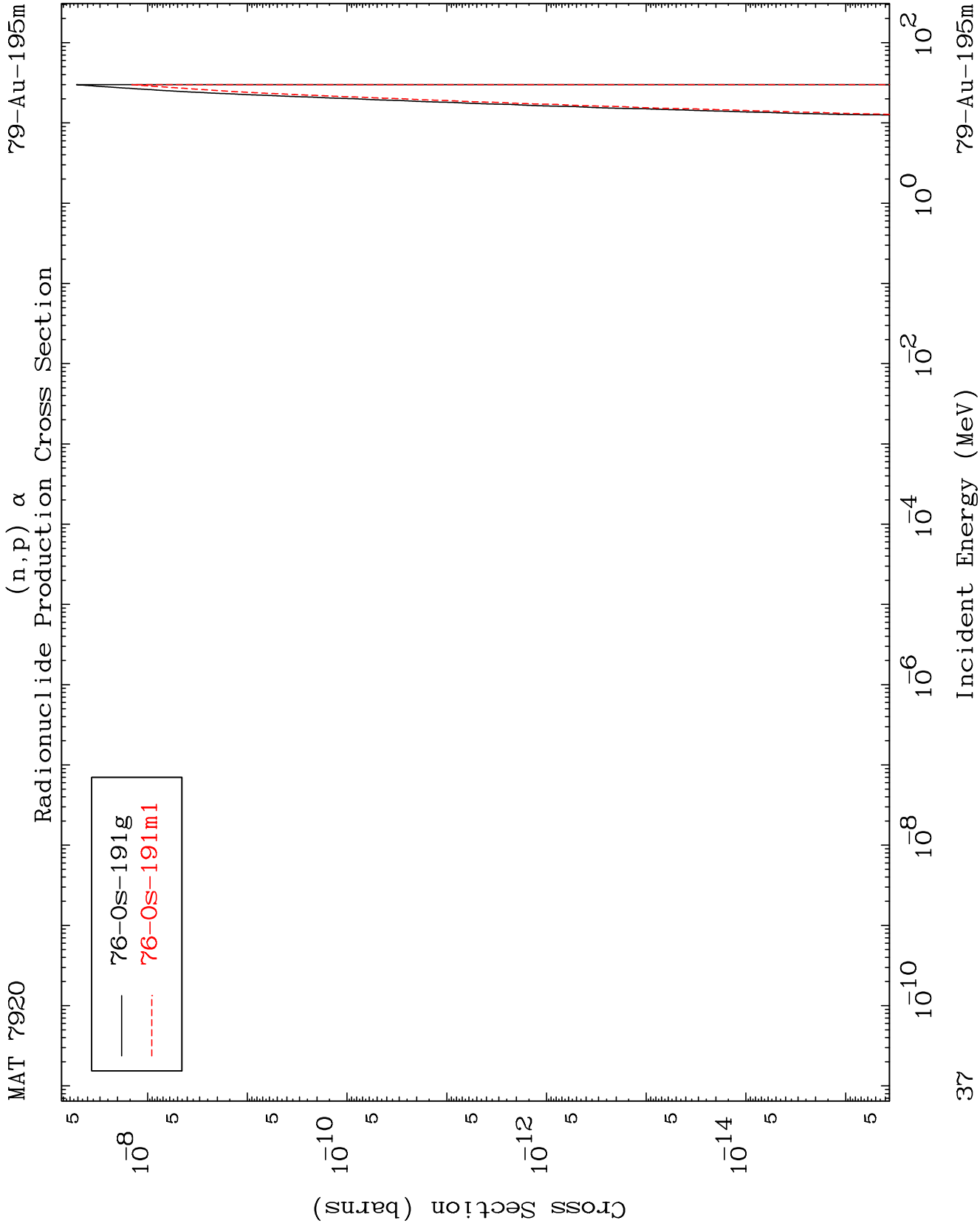
(n,2p)
Radionuclide Production Cross Section

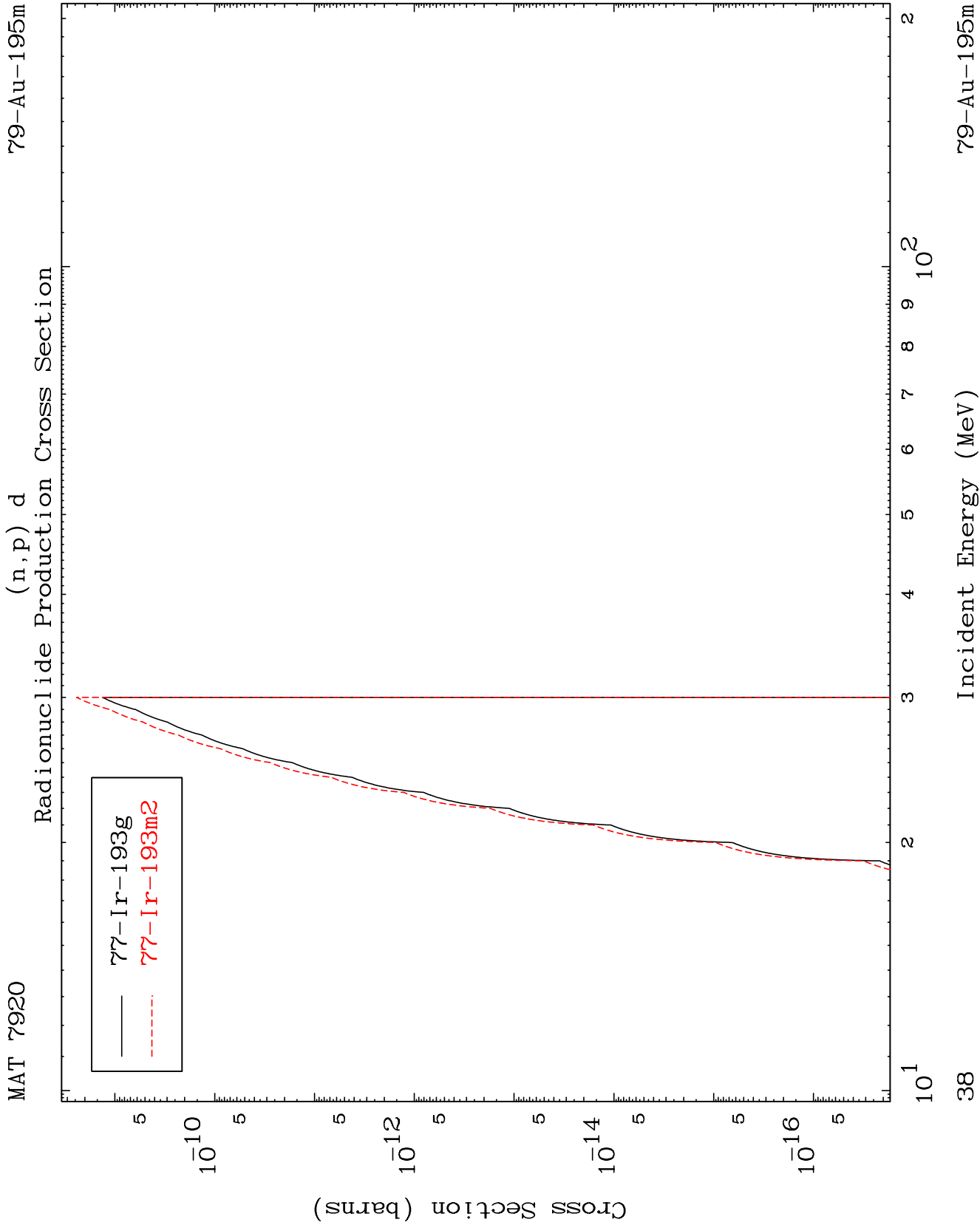


⁷⁹Au-195m

Incident Energy (MeV)

36





(n,p) t
Radionuclide Production Cross Section

