

Program EVALPLOT
(Version 2021-1)

by

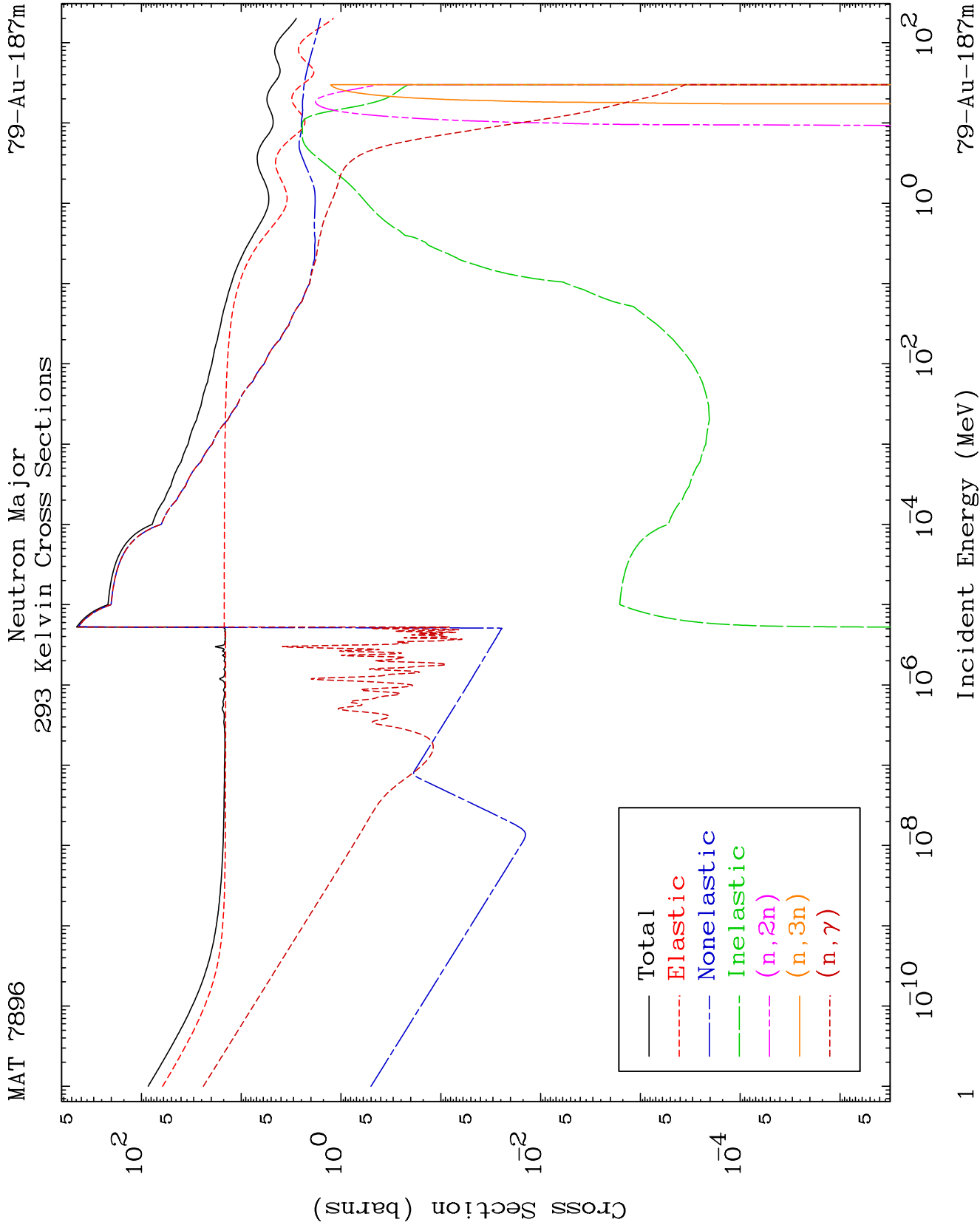
Dermott E. Cullen
(Present Contact Information)

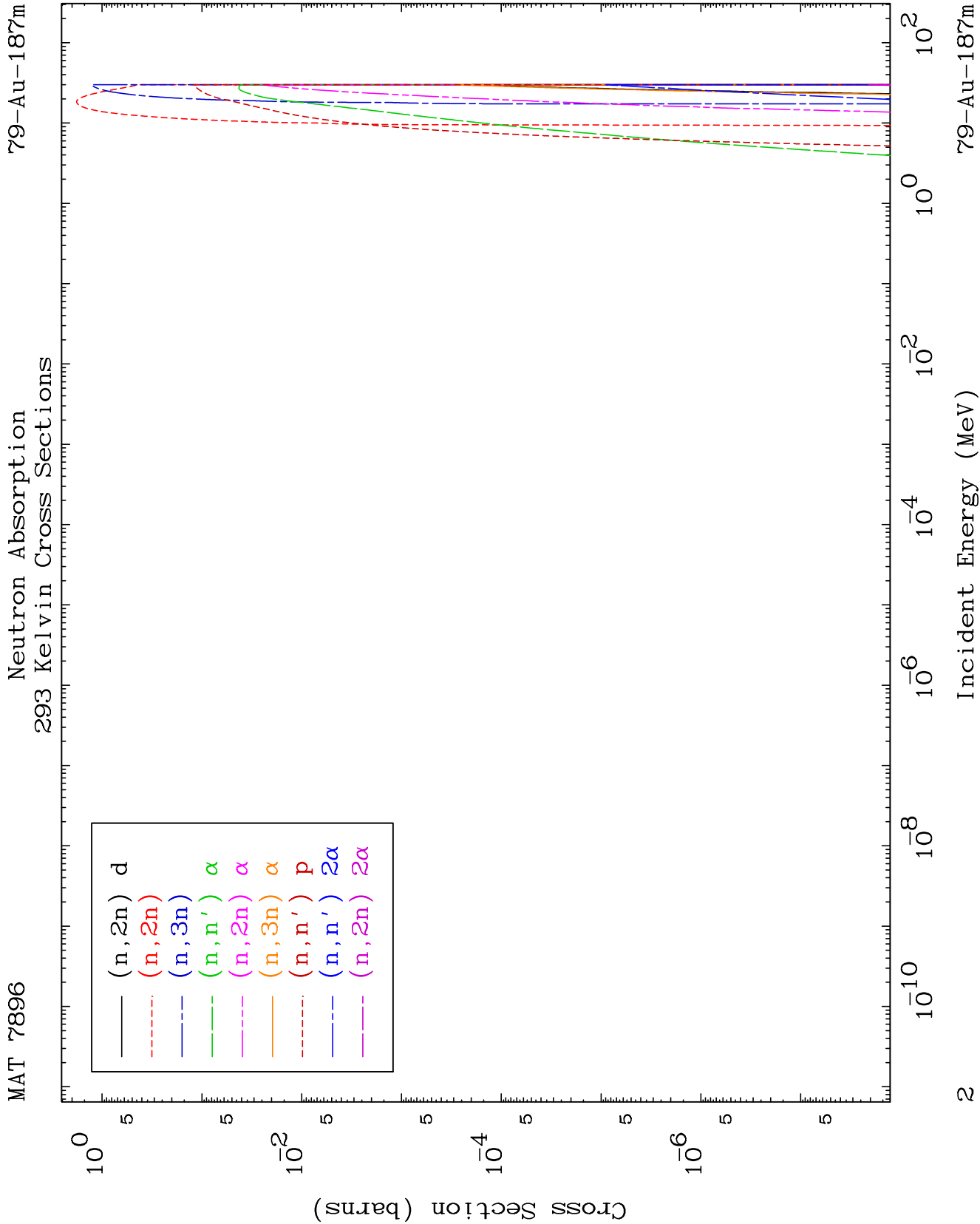
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

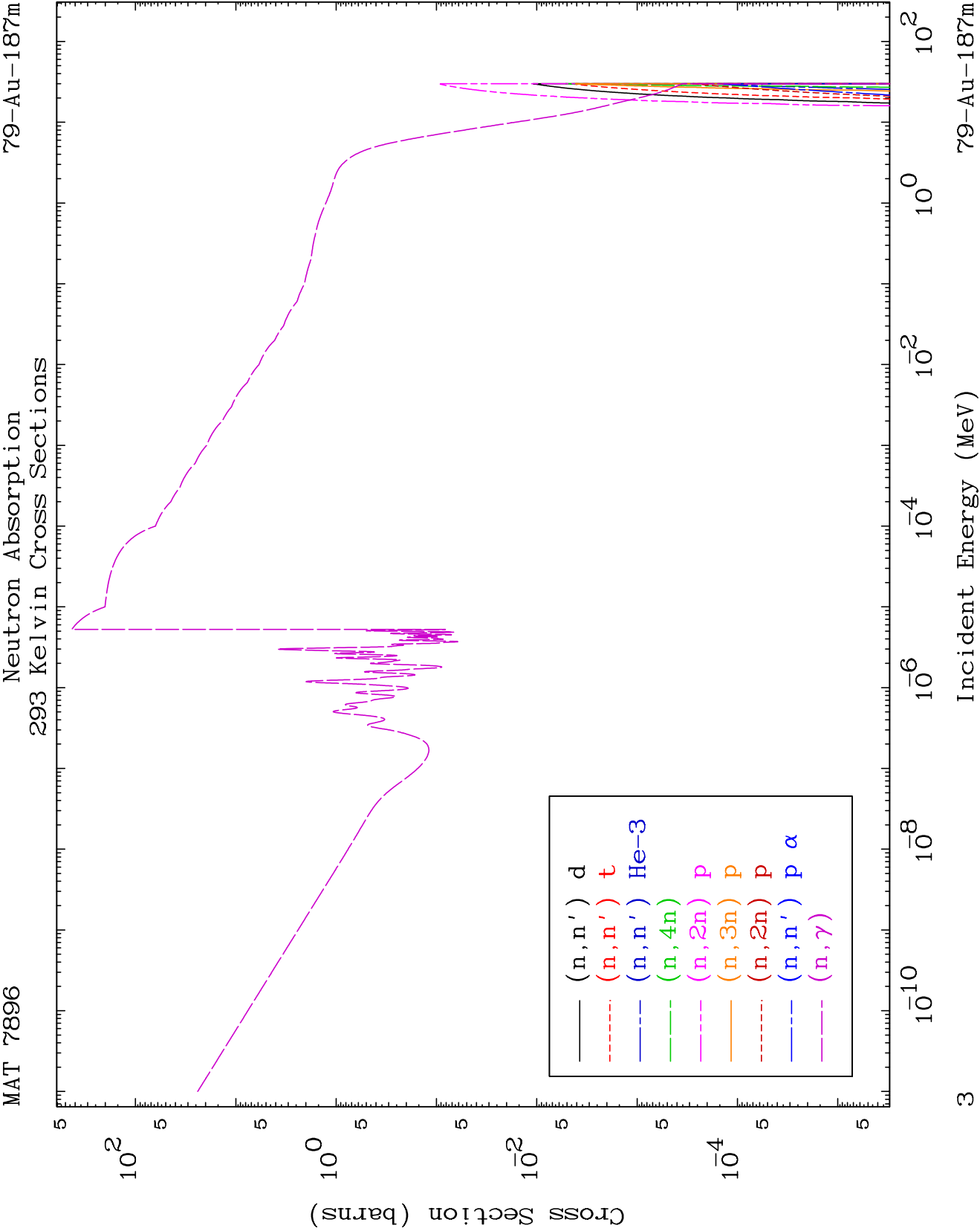
Tele: 925-443-1911

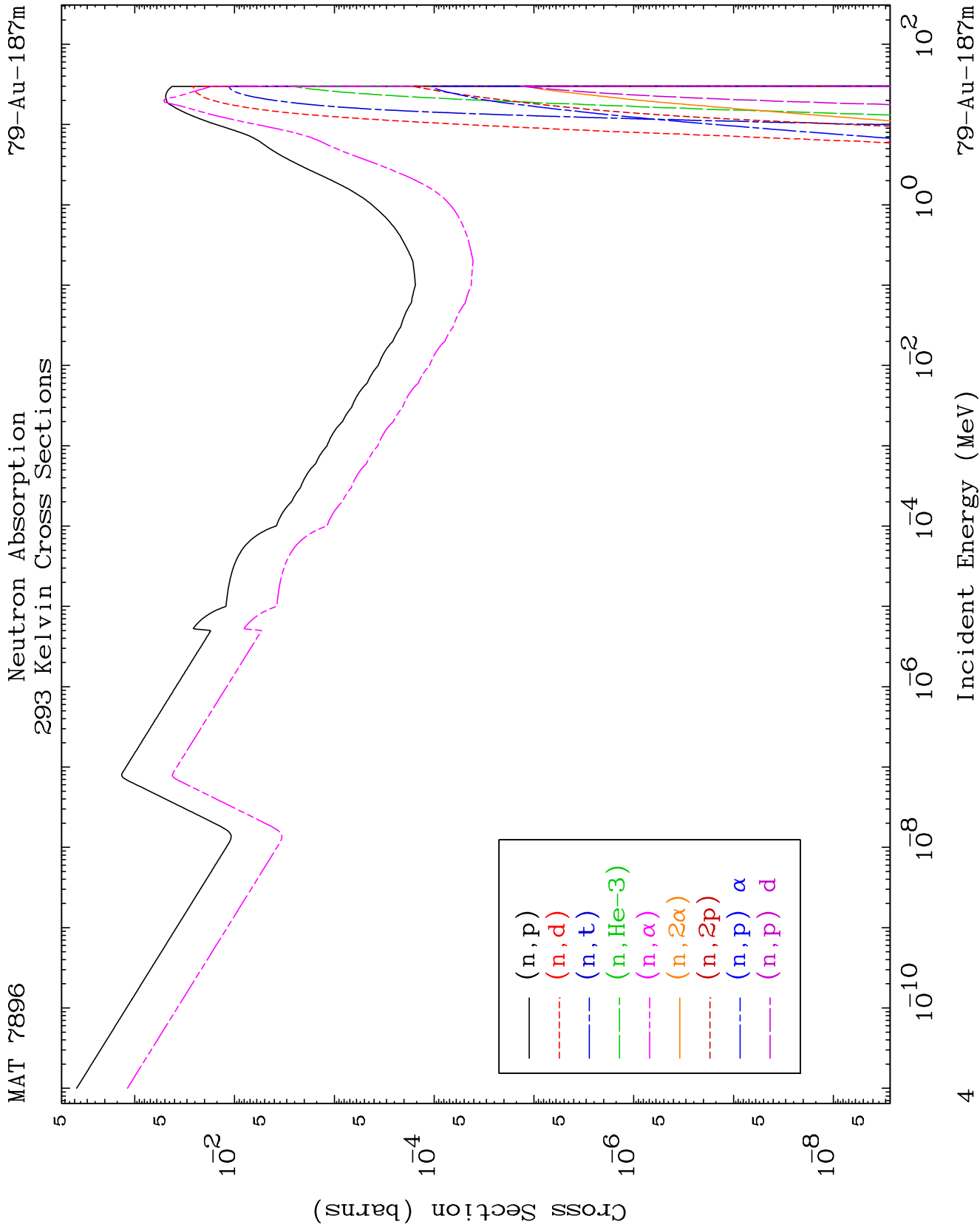
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

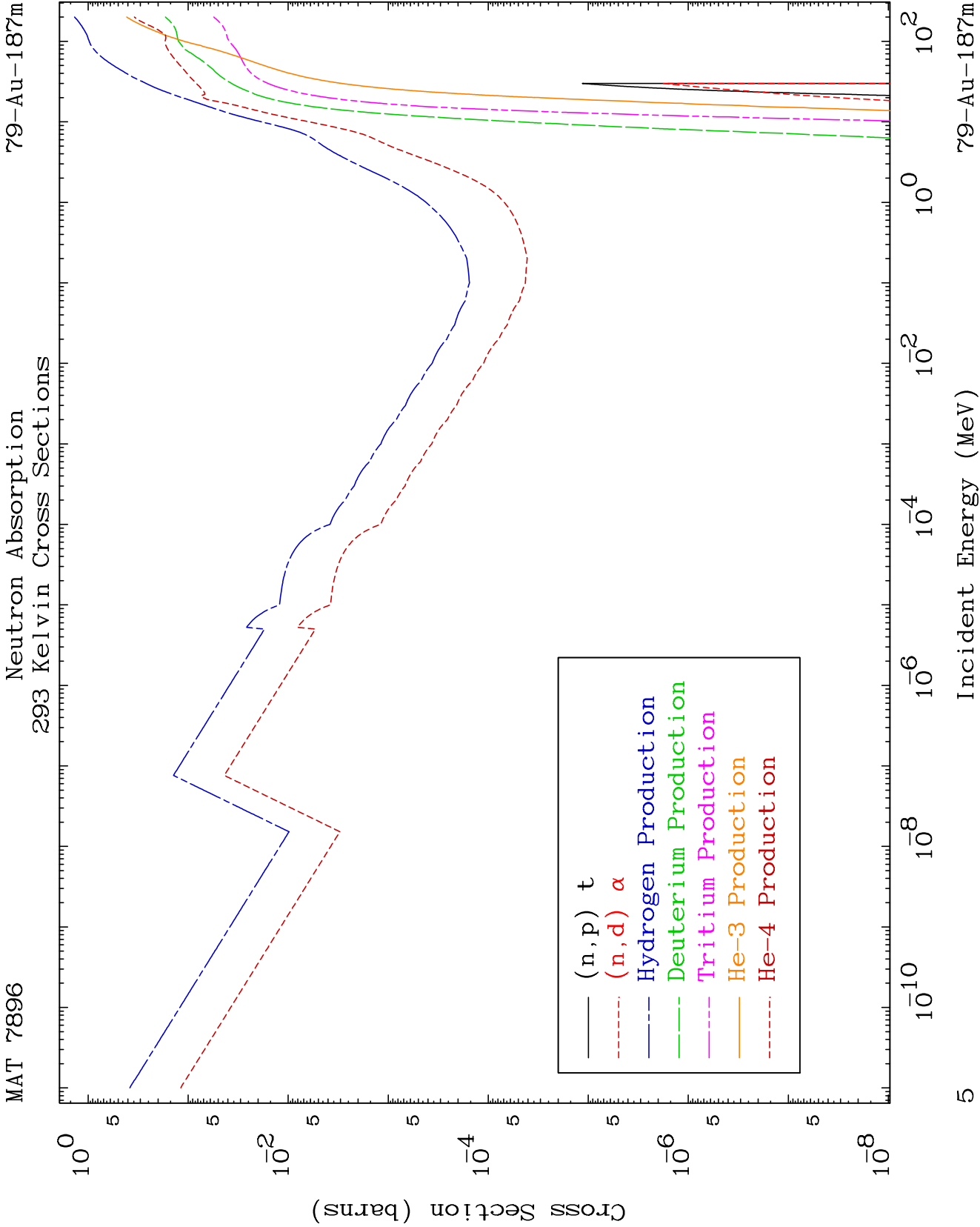
Press Mouse Button to Start







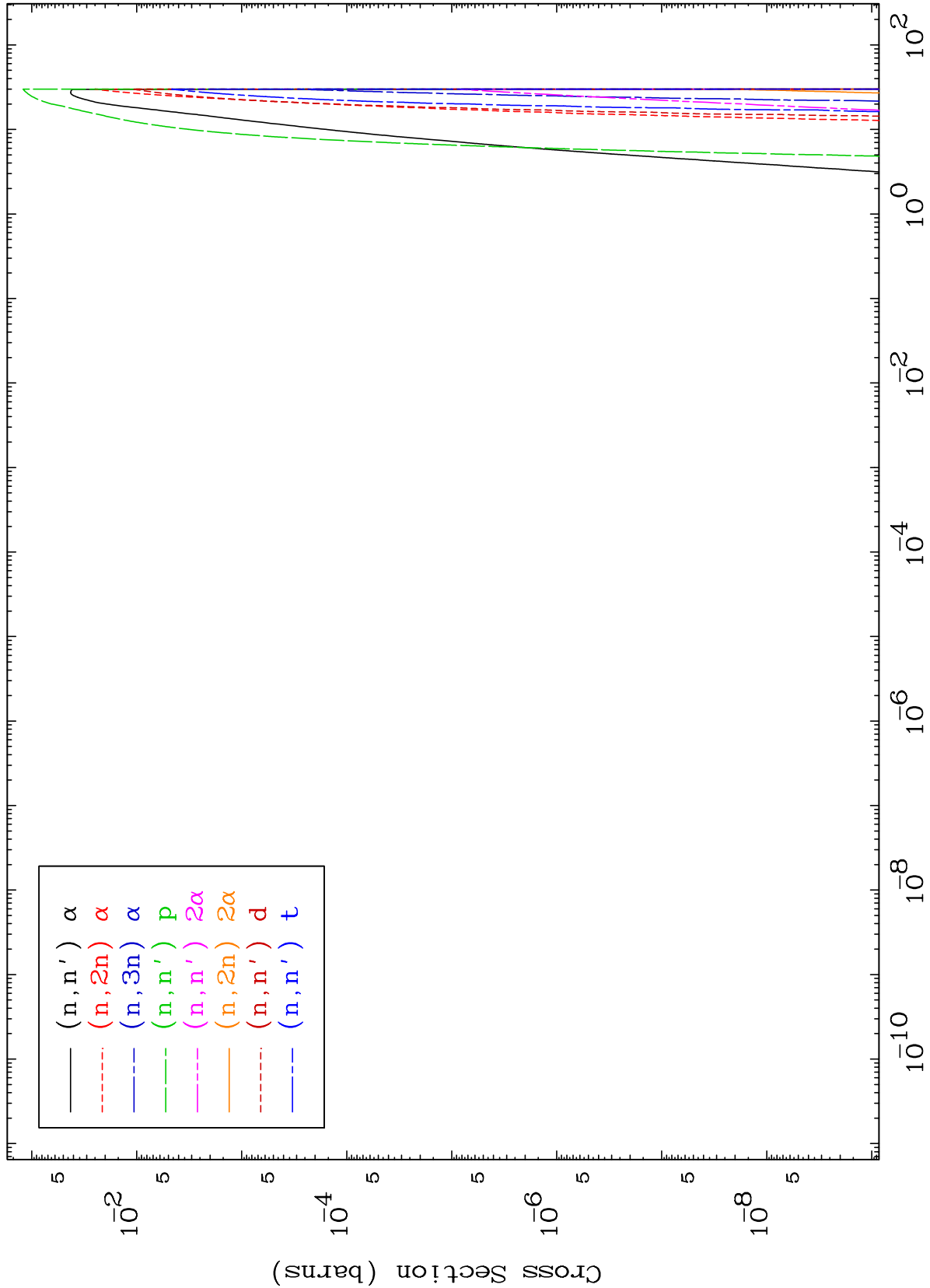


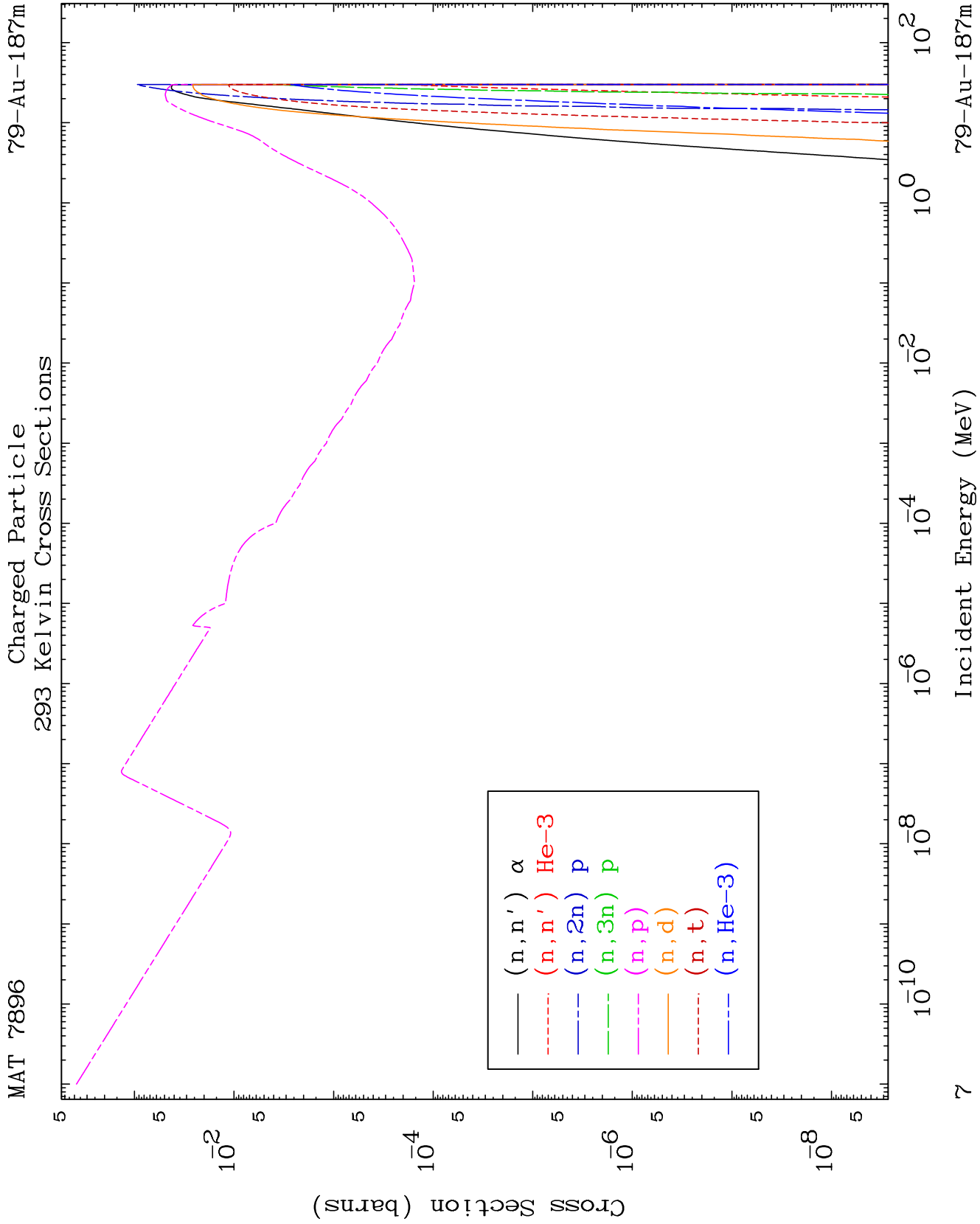


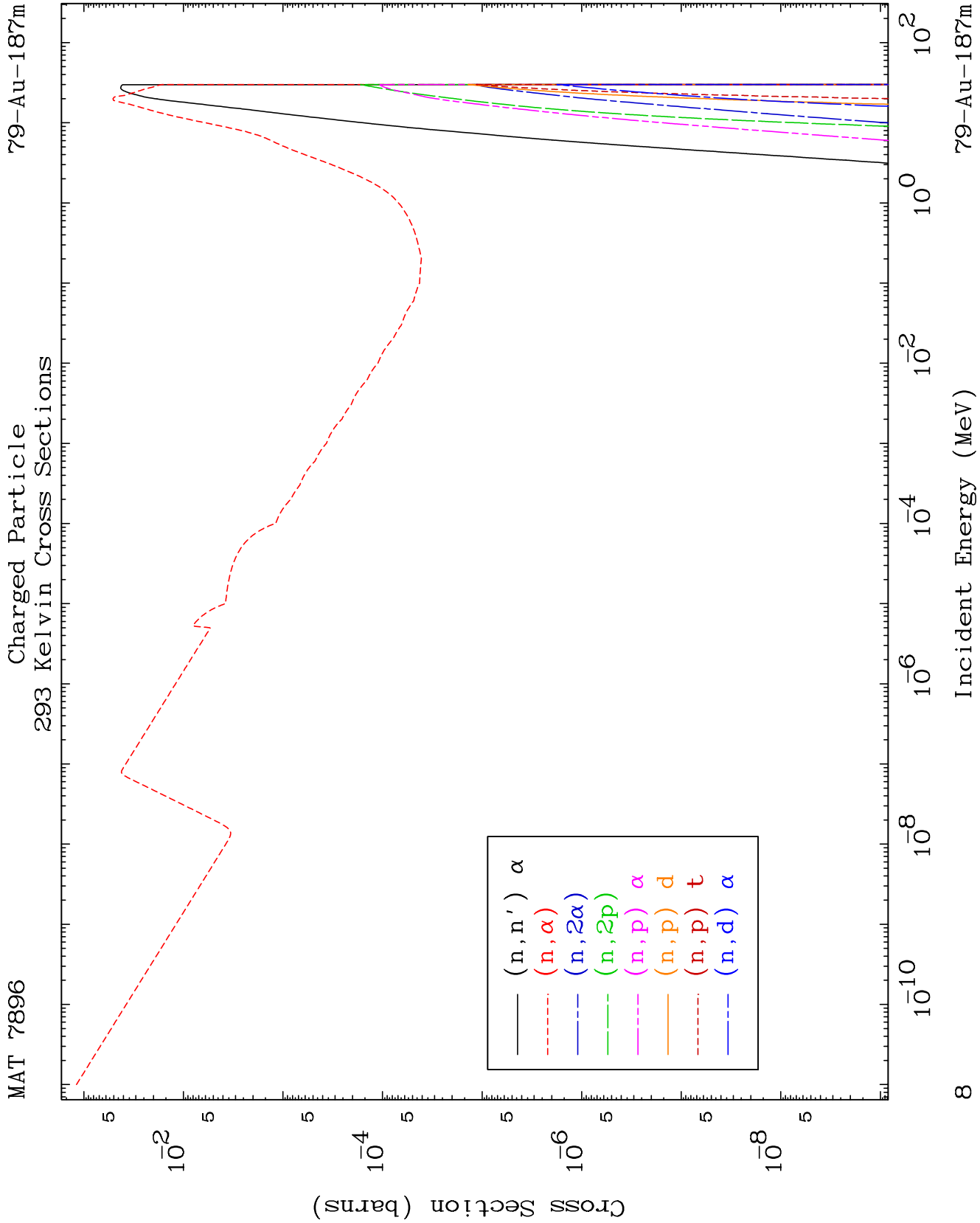
MAT 7896

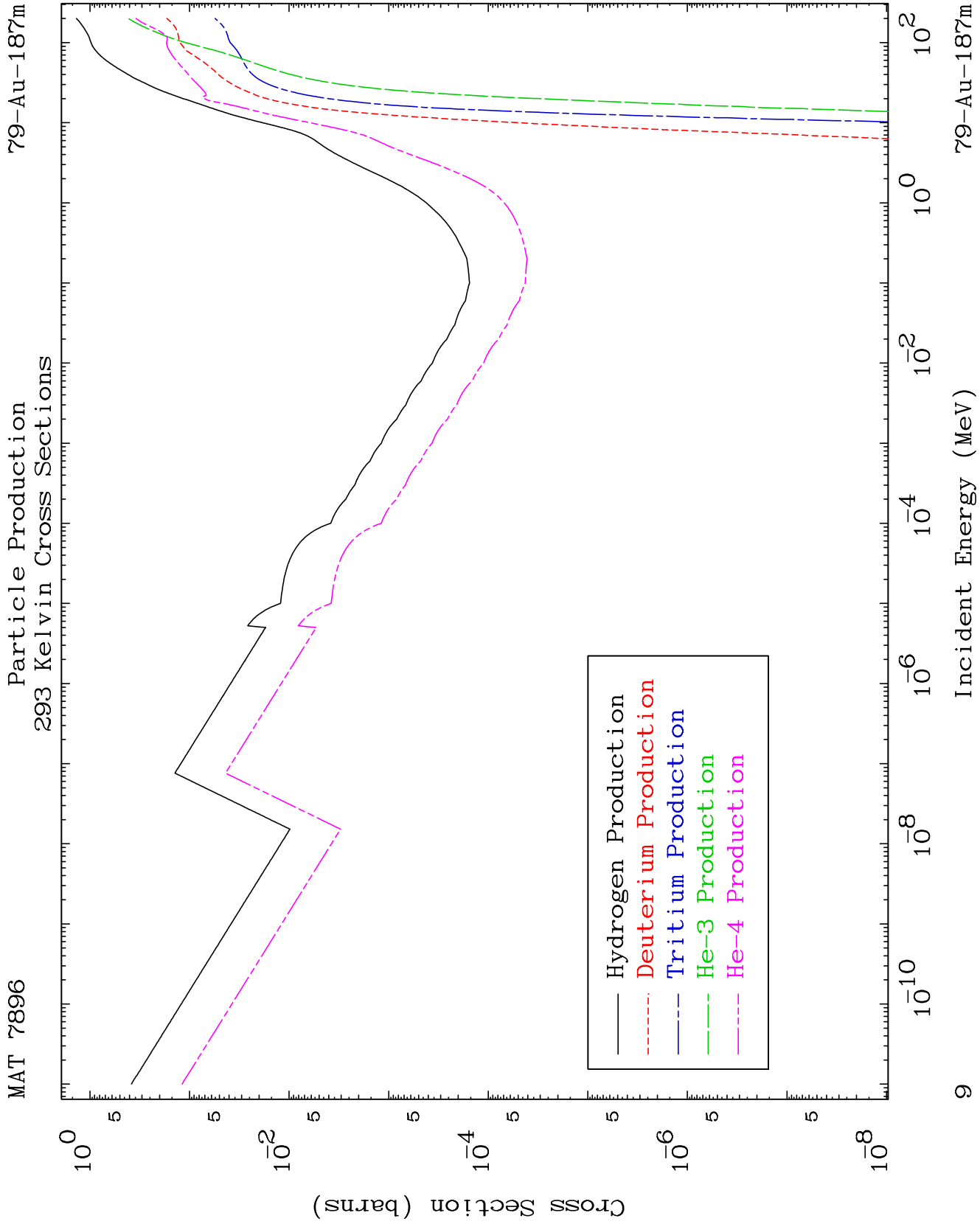
Charged Particle
293 Kelvin Cross Sections

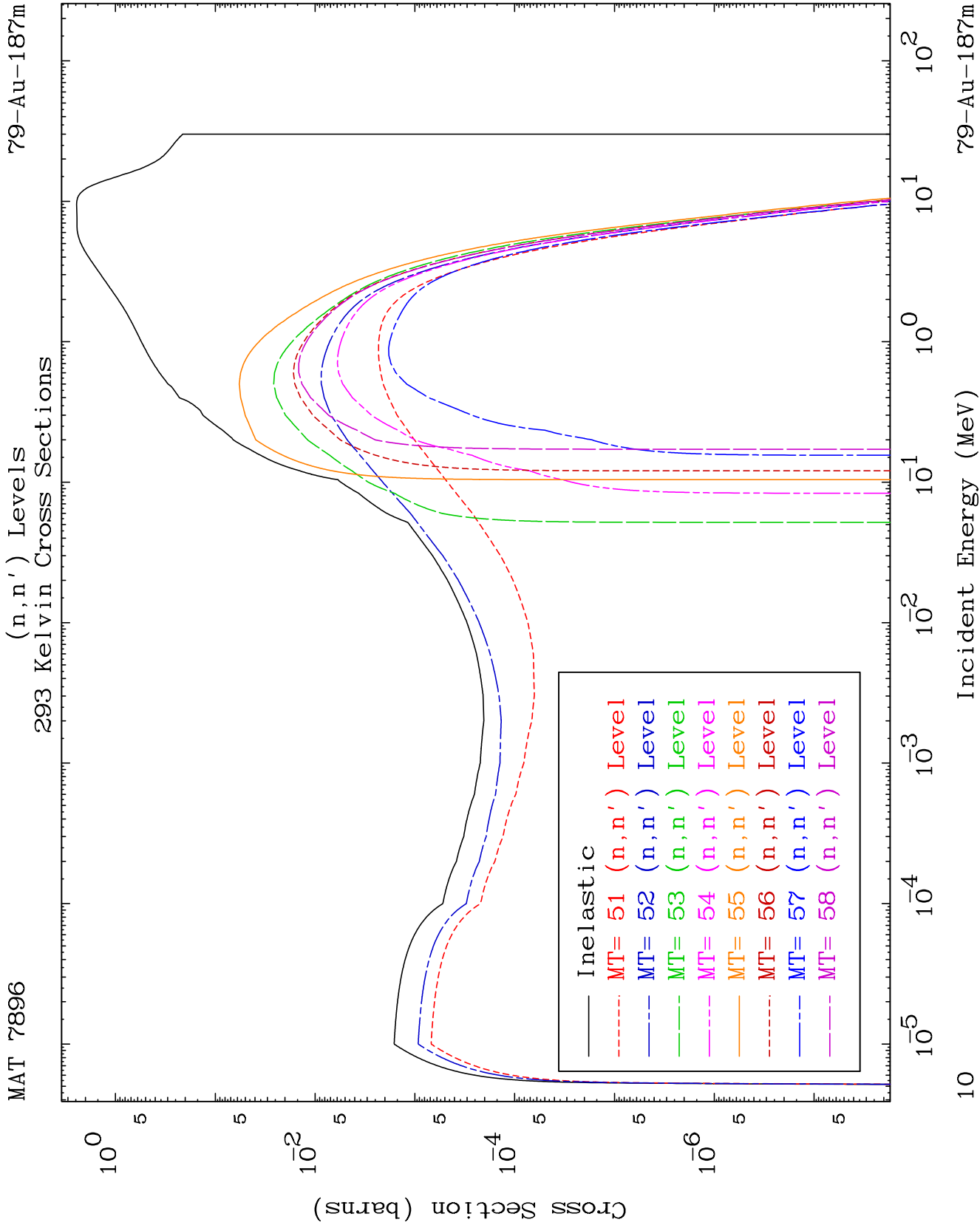
⁷⁹Au-187m

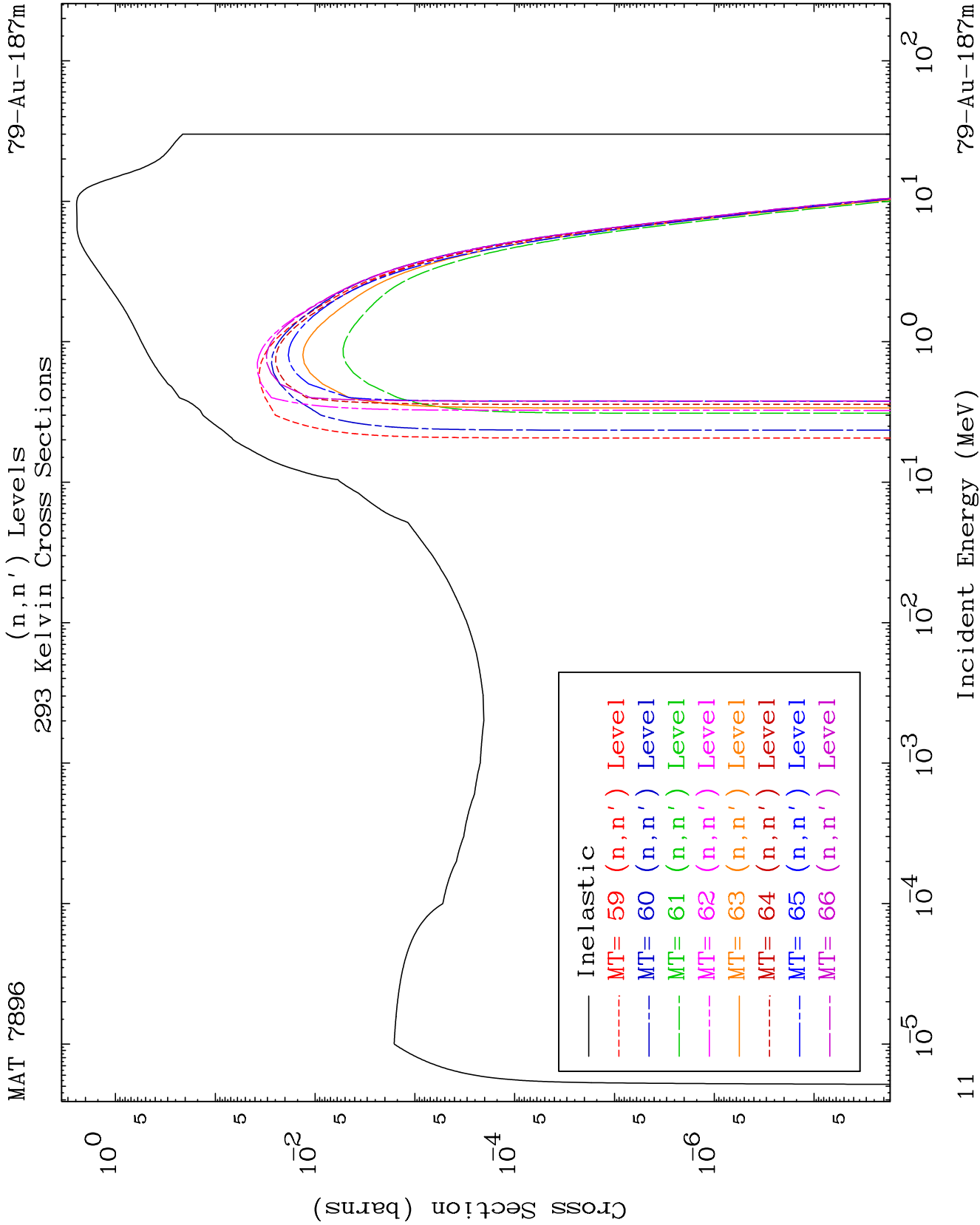








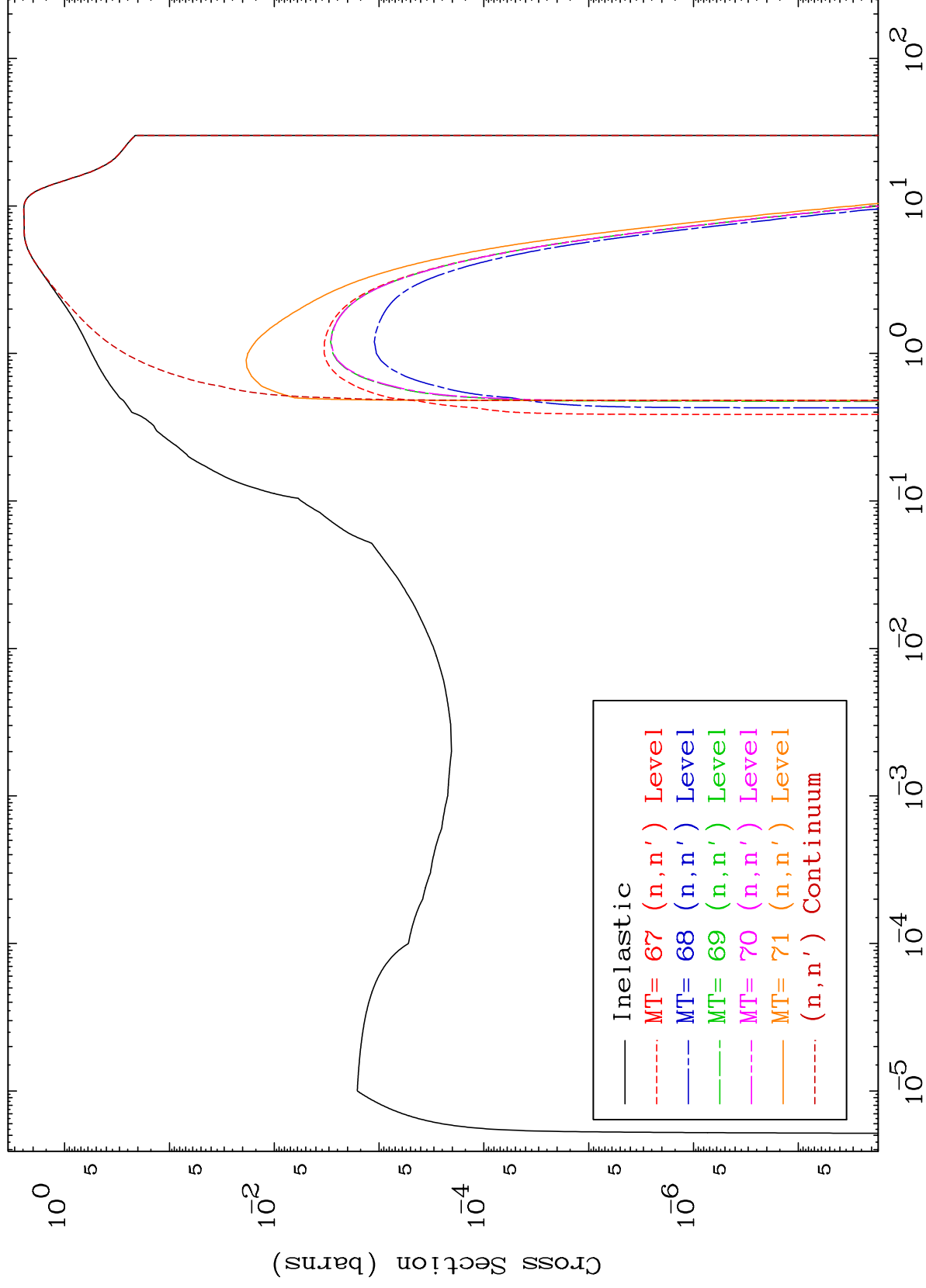




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(n,n') Levels
293 Kelvin Cross Sections

79-Au-187m



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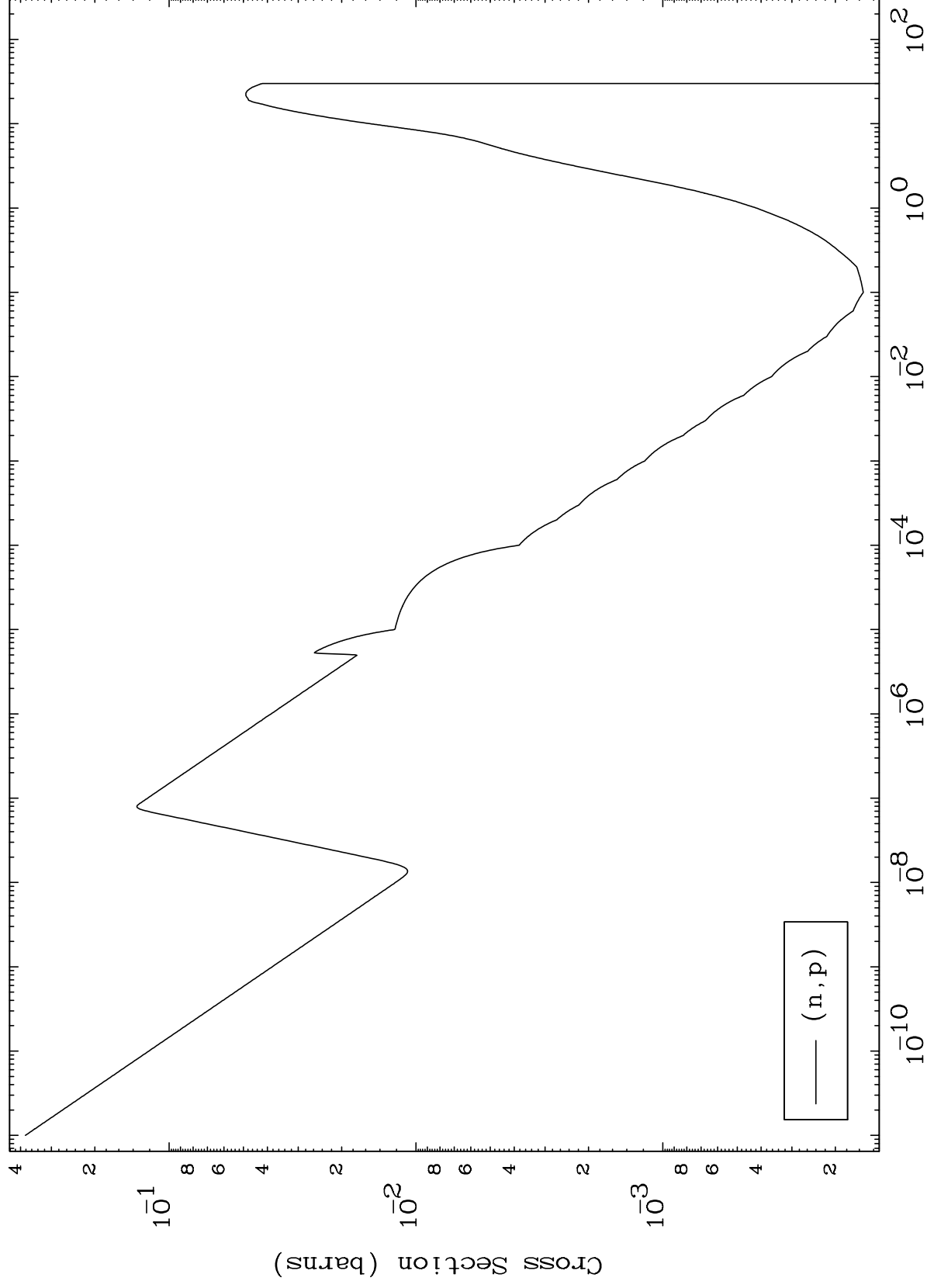
Incident Energy (MeV)

79-Au-187m

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(n,p) Levels
293 Kelvin Cross Sections

⁷⁹Au-187m



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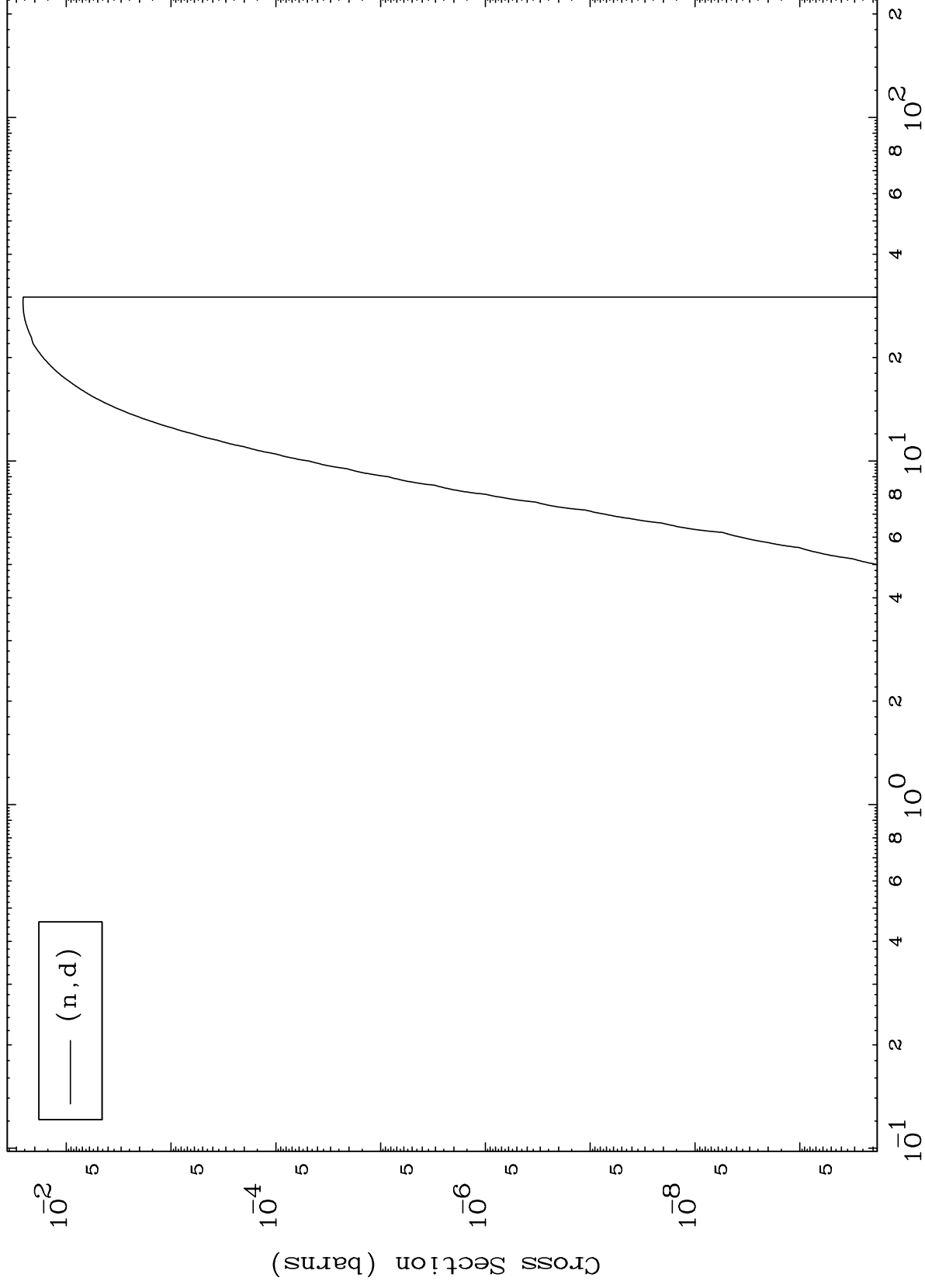
Incident Energy (MeV)

⁷⁹Au-187m

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(n,d) Levels
293 Kelvin Cross Sections

⁷⁹Au-187m



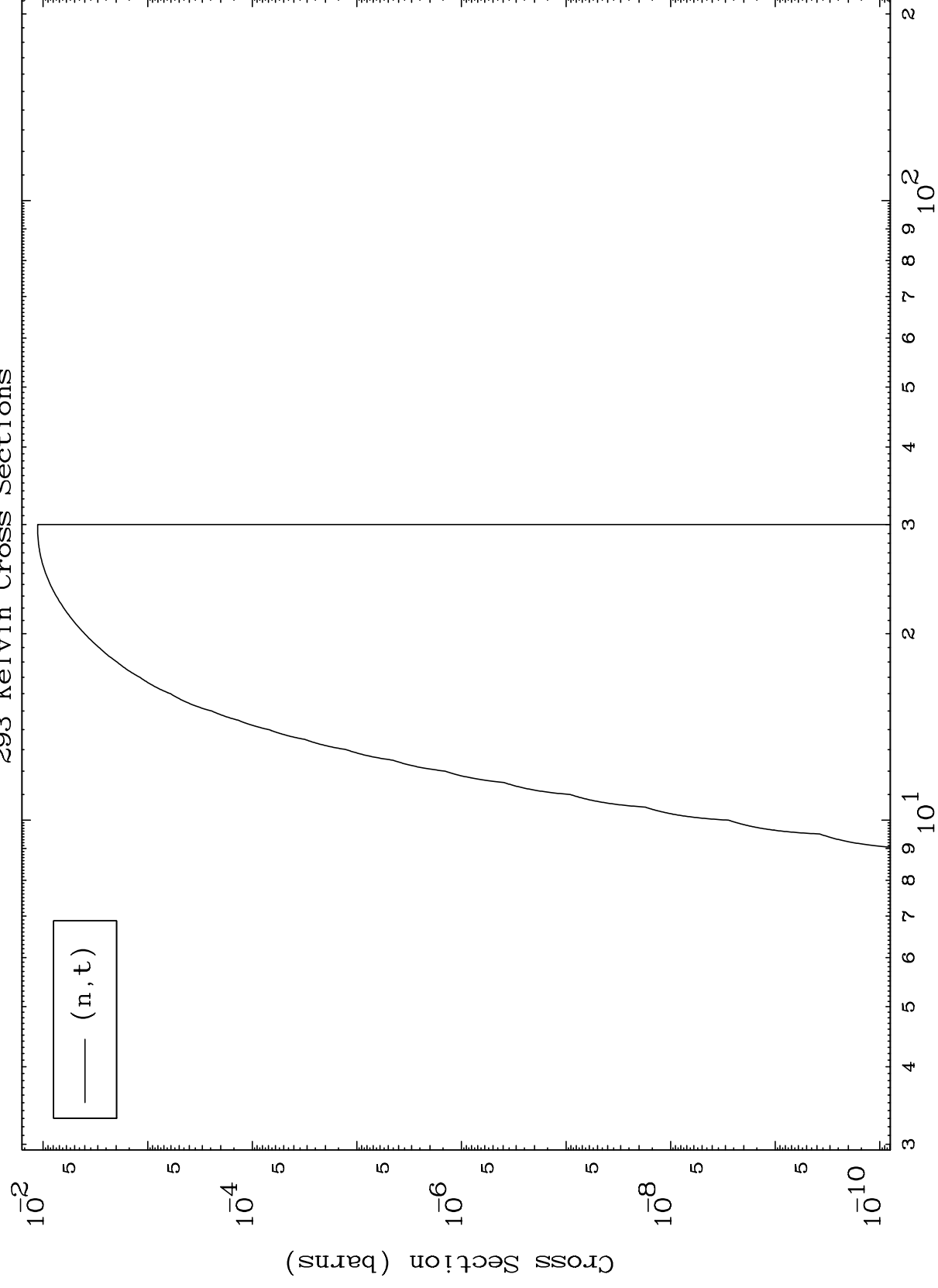
Incident Energy (MeV)

⁷⁹Au-187m

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79-Au-187m

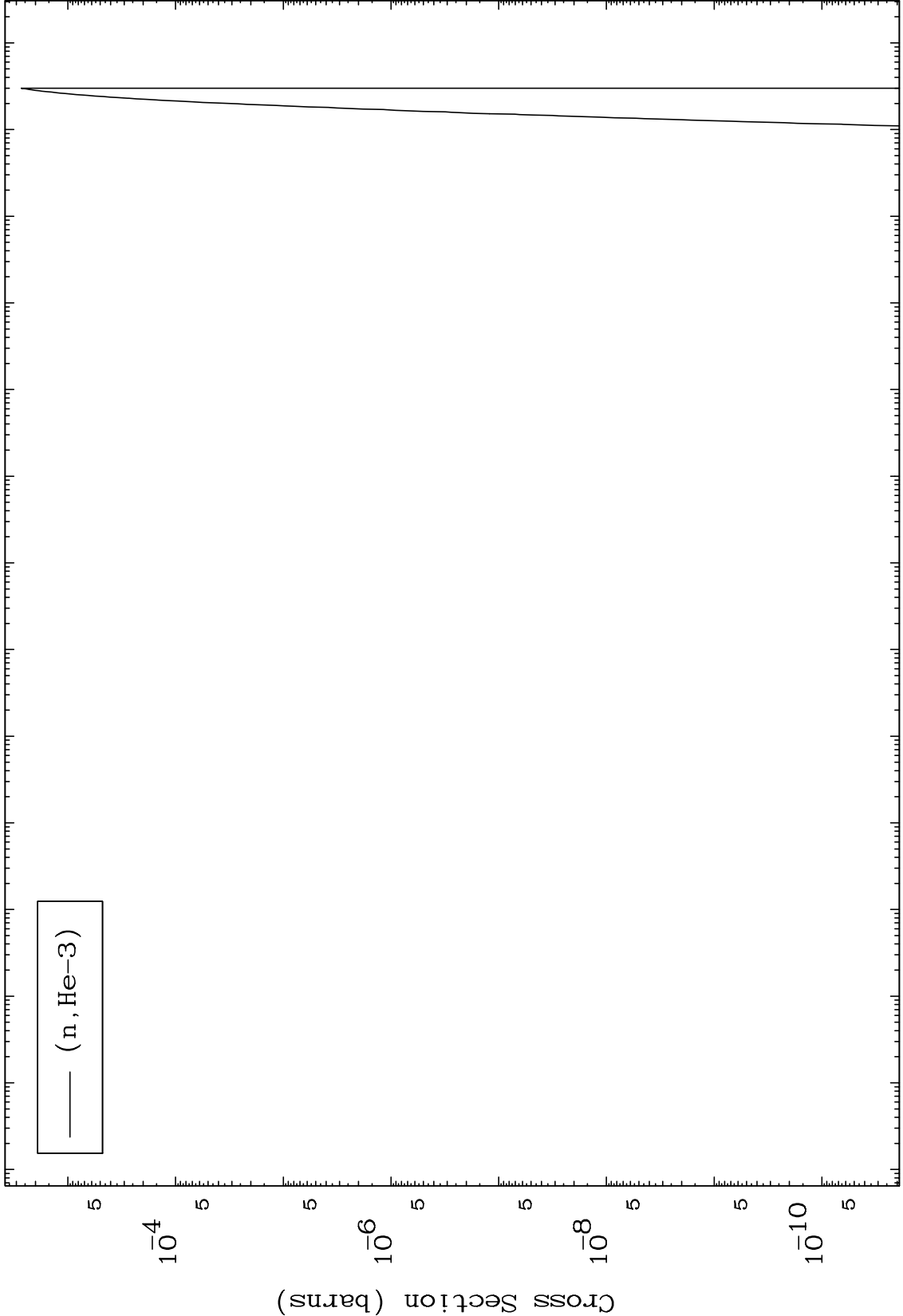
(n, t) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

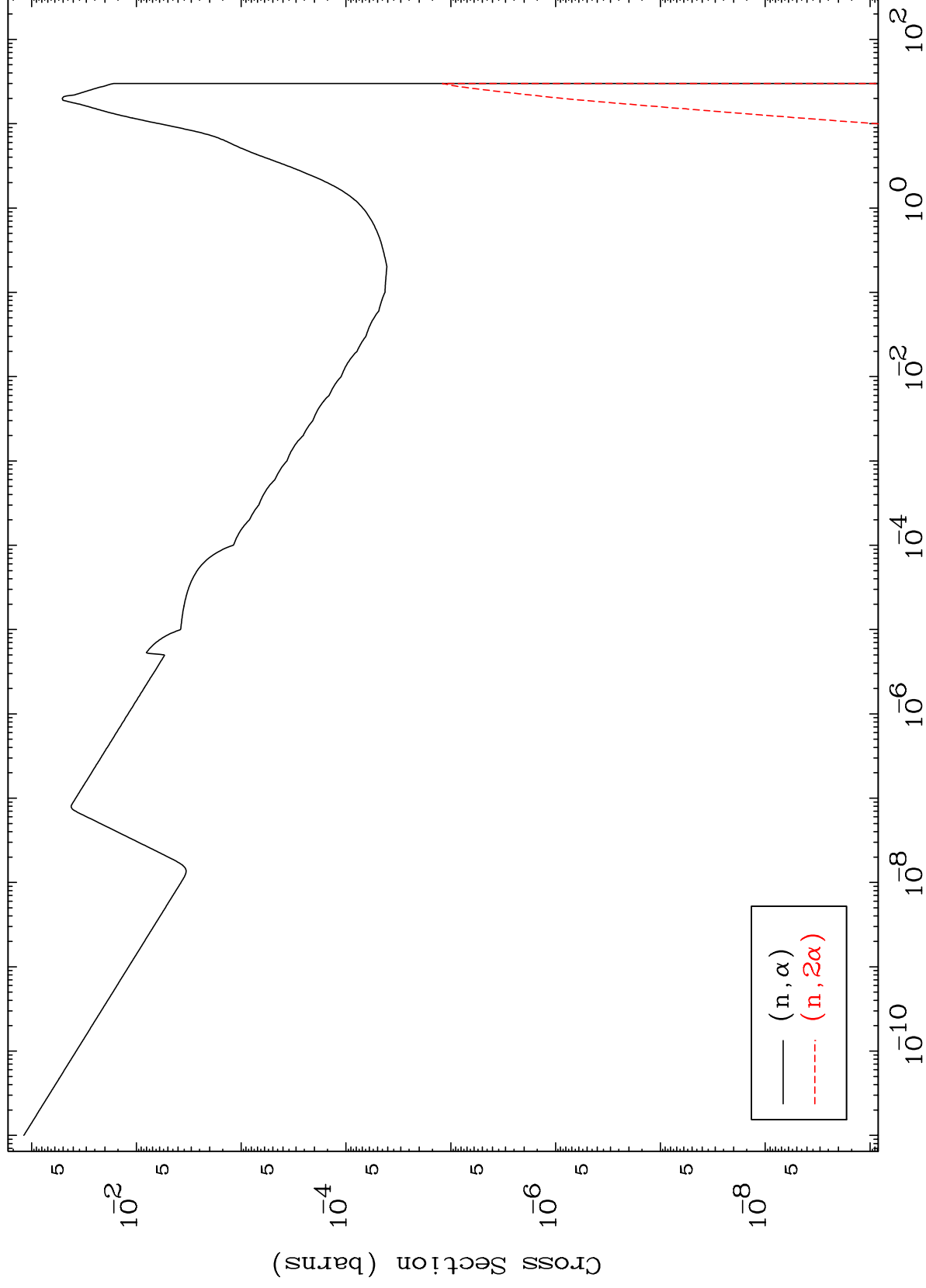
79-Au-187m



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(n, α) Levels
293 Kelvin Cross Sections

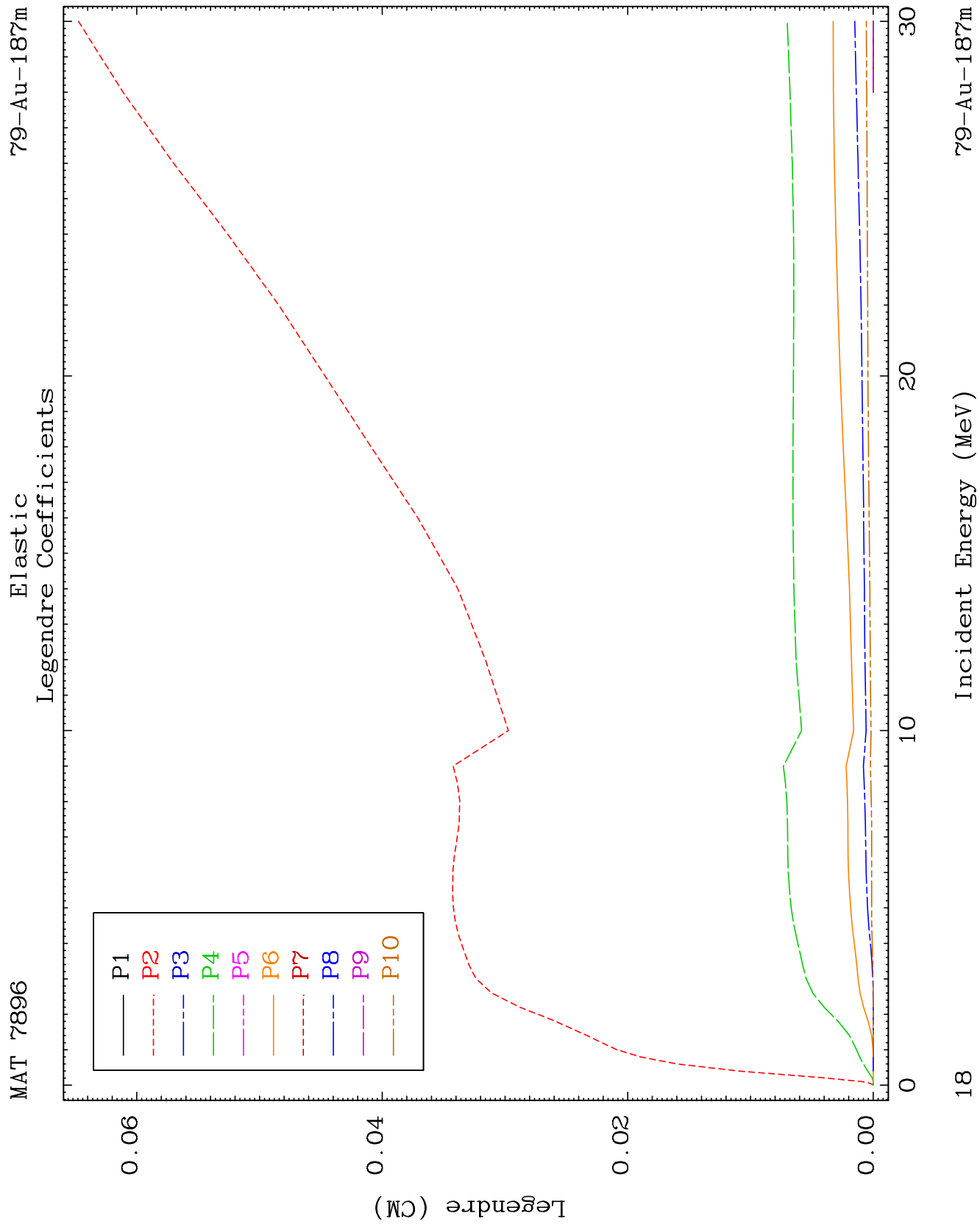
⁷⁹Au-187m

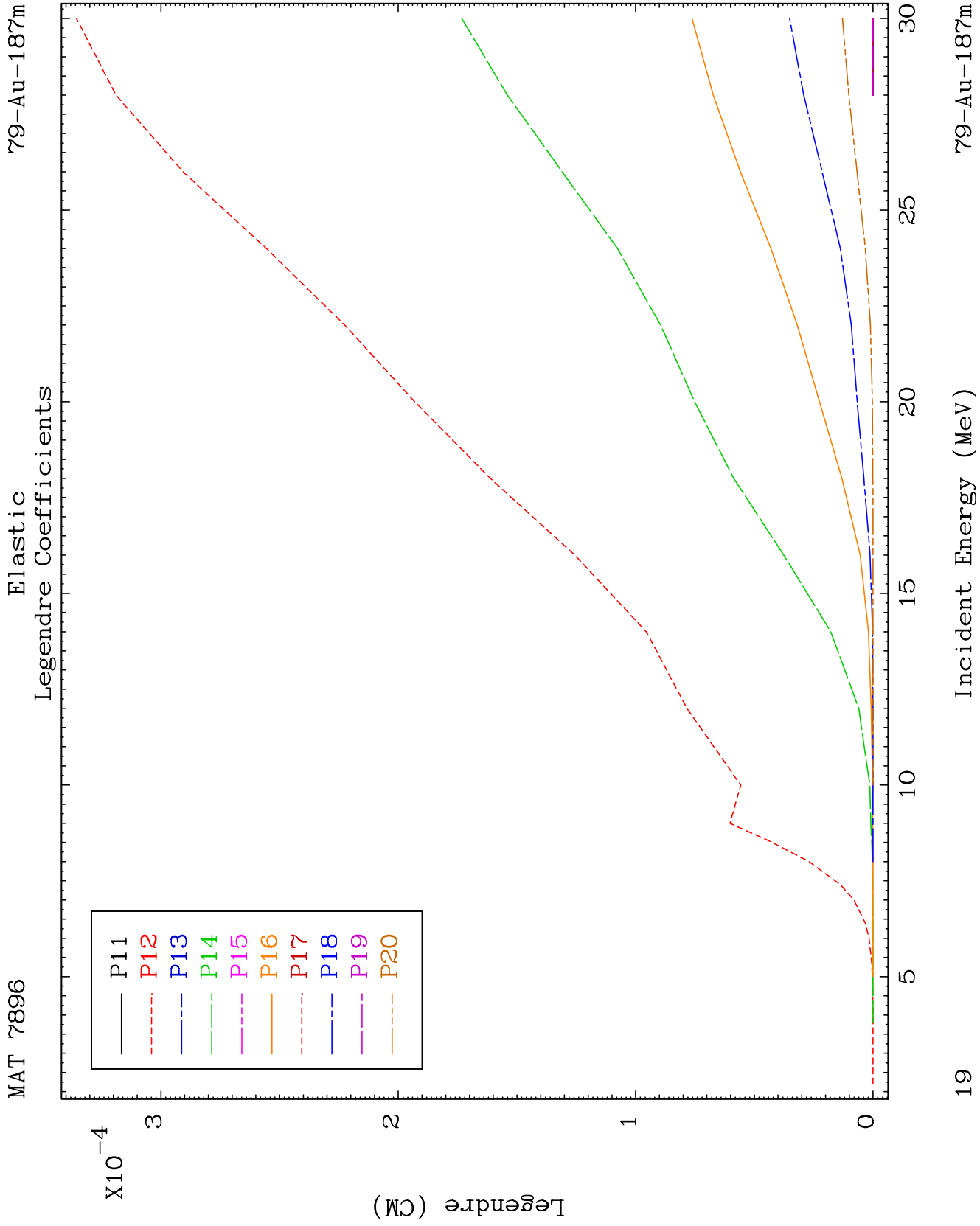


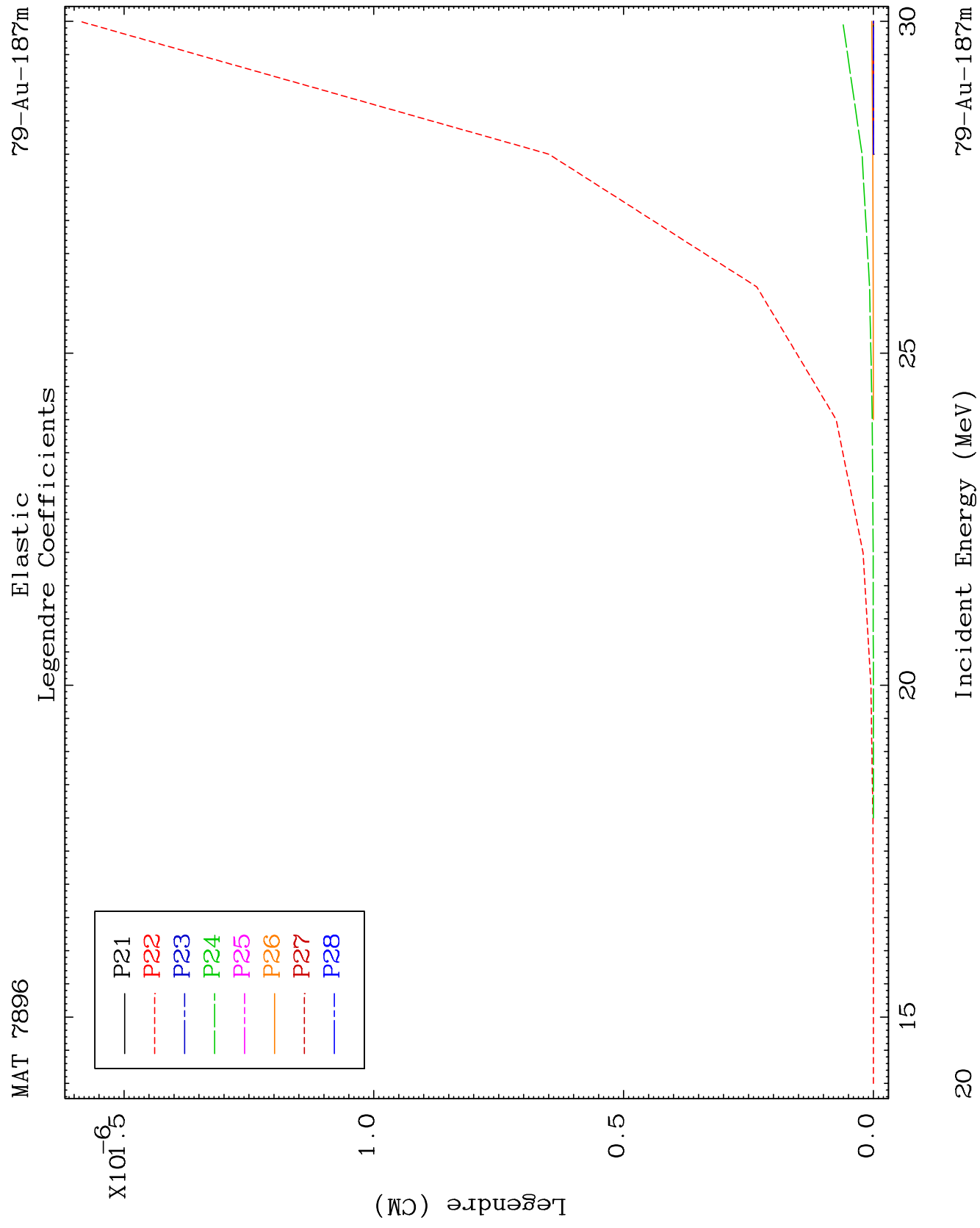
17

Incident Energy (MeV)

⁷⁹Au-187m



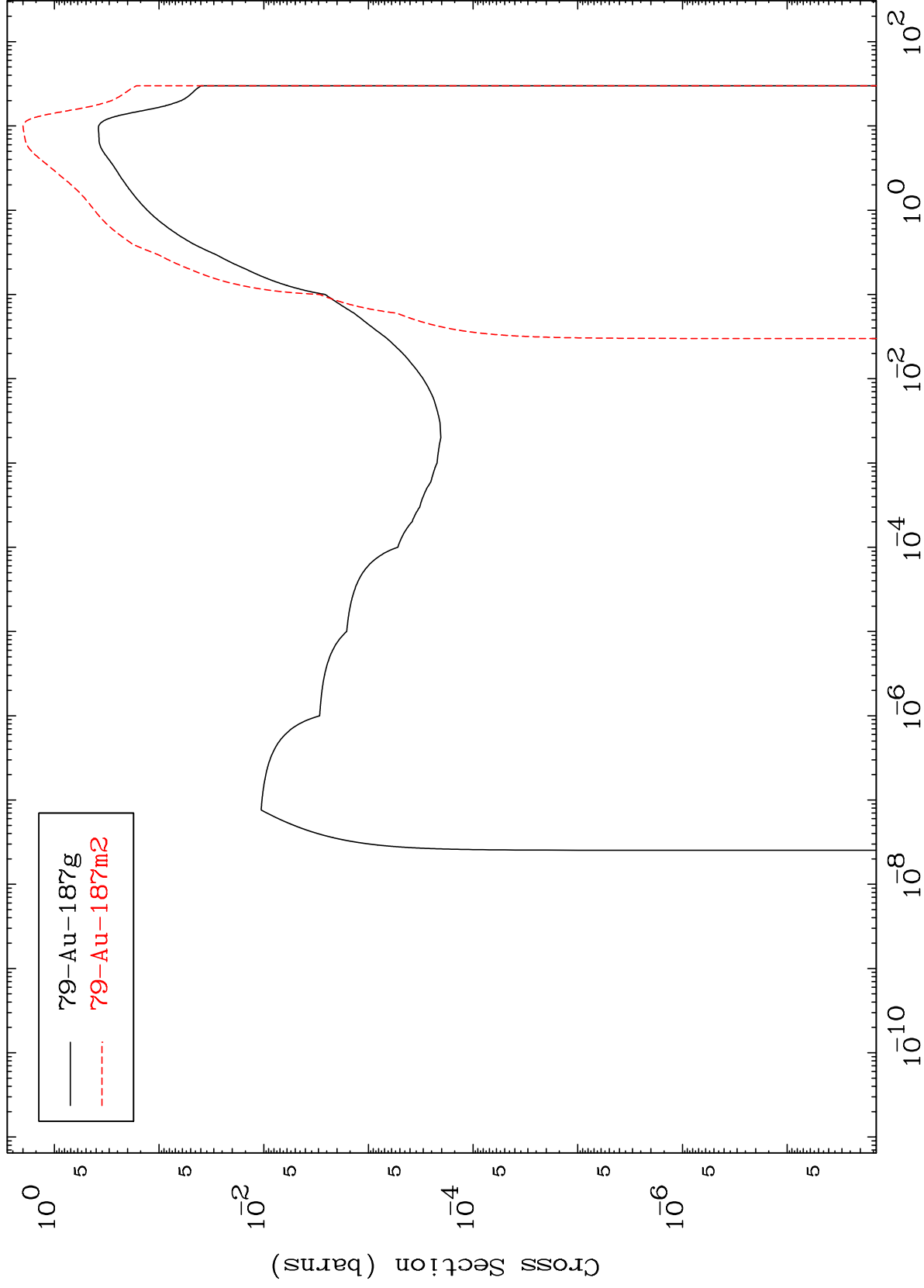


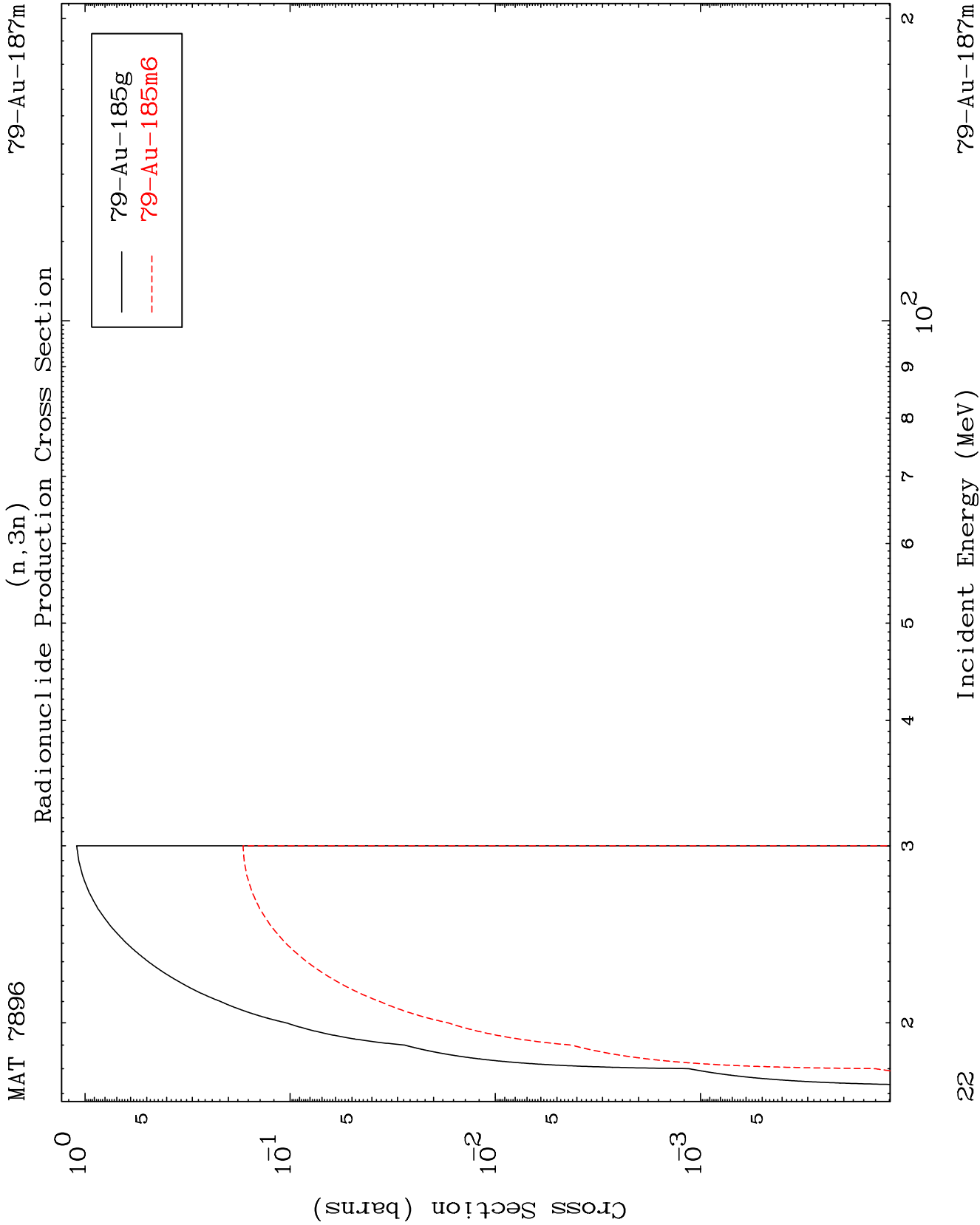


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⁷⁹Au-187m

Inelastic
Radionuclide Production Cross Section



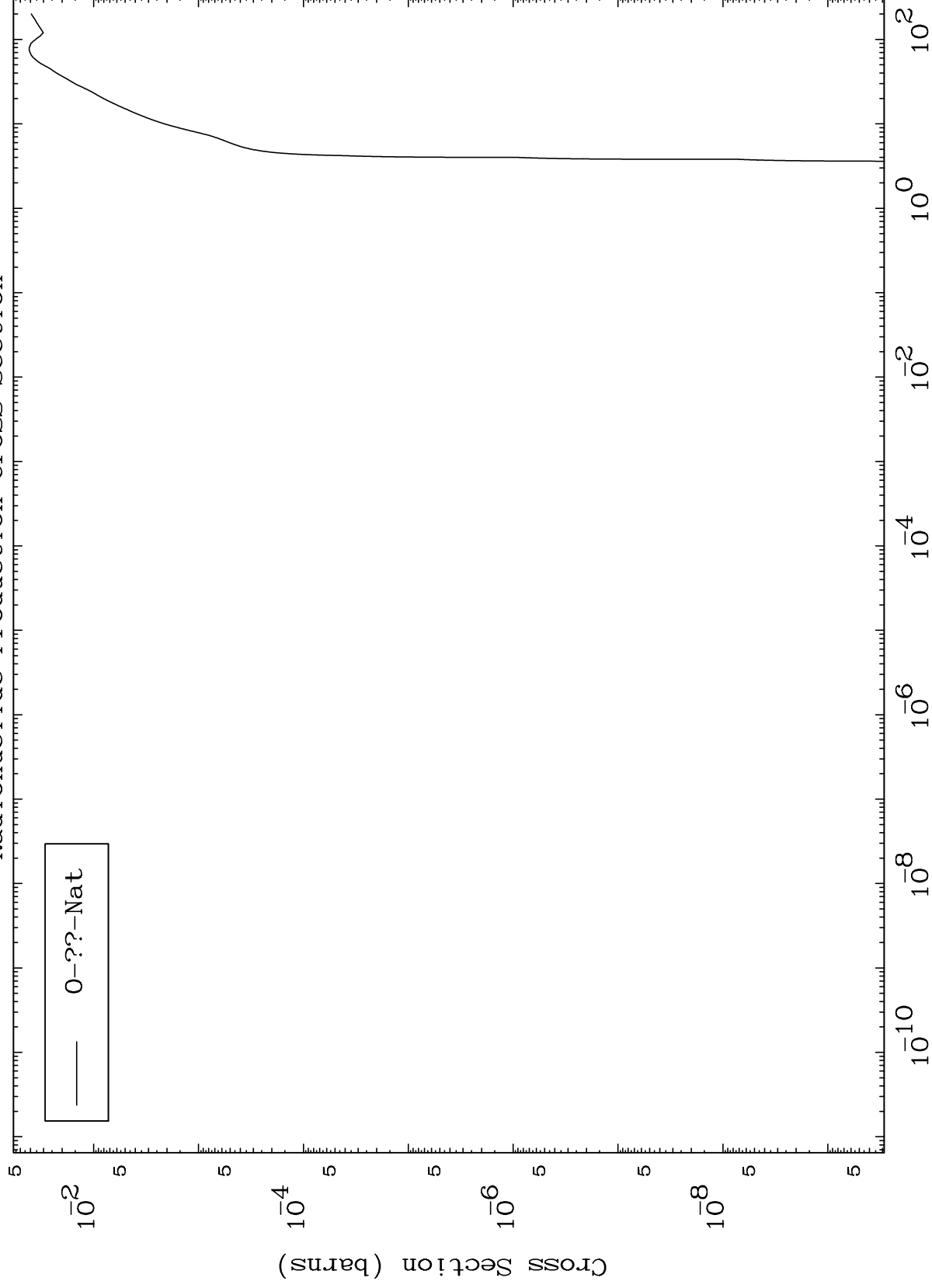


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Fission

⁷⁹Au-187m

Radionuclide Production Cross Section

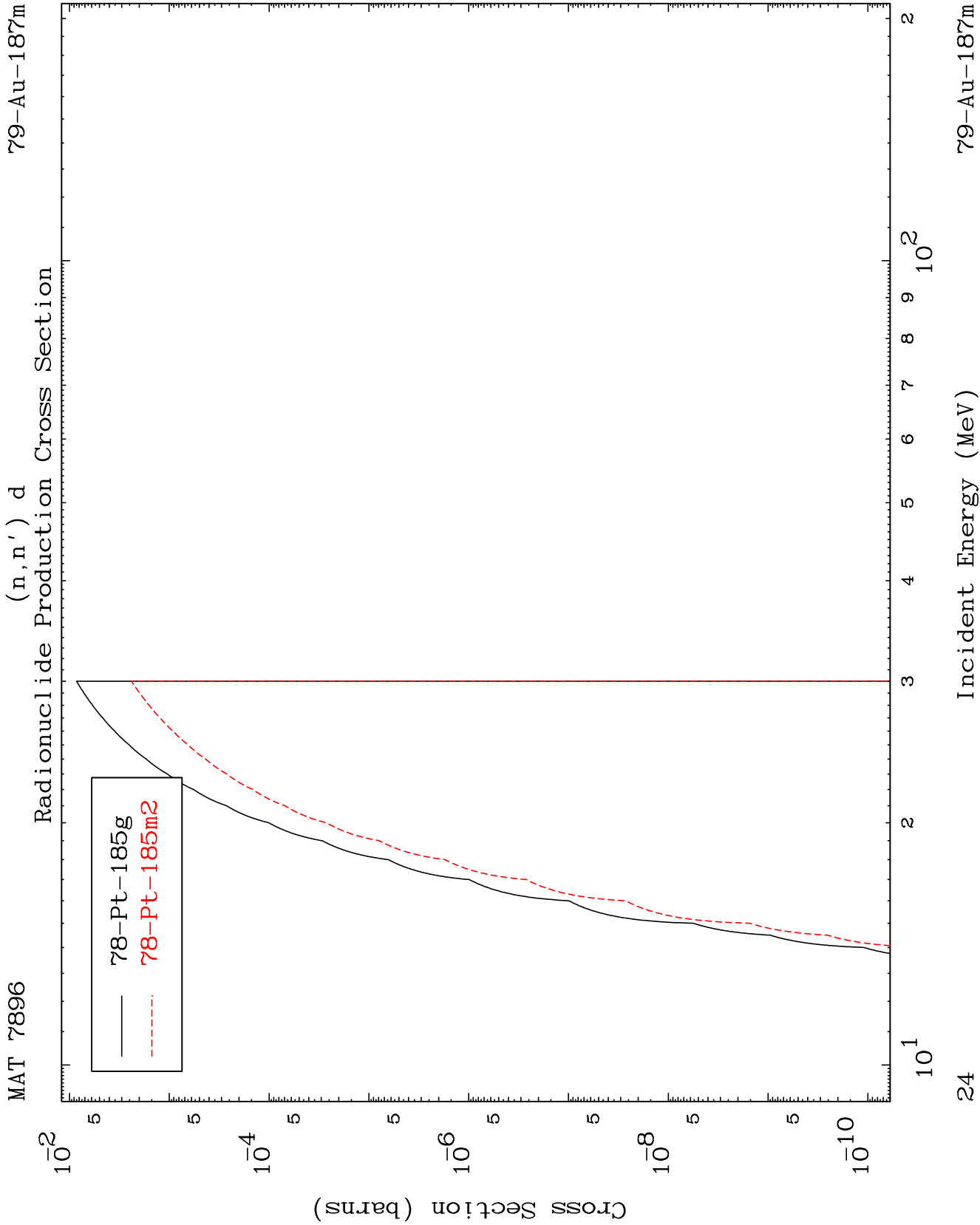


0-??-Nat

23

Incident Energy (MeV)

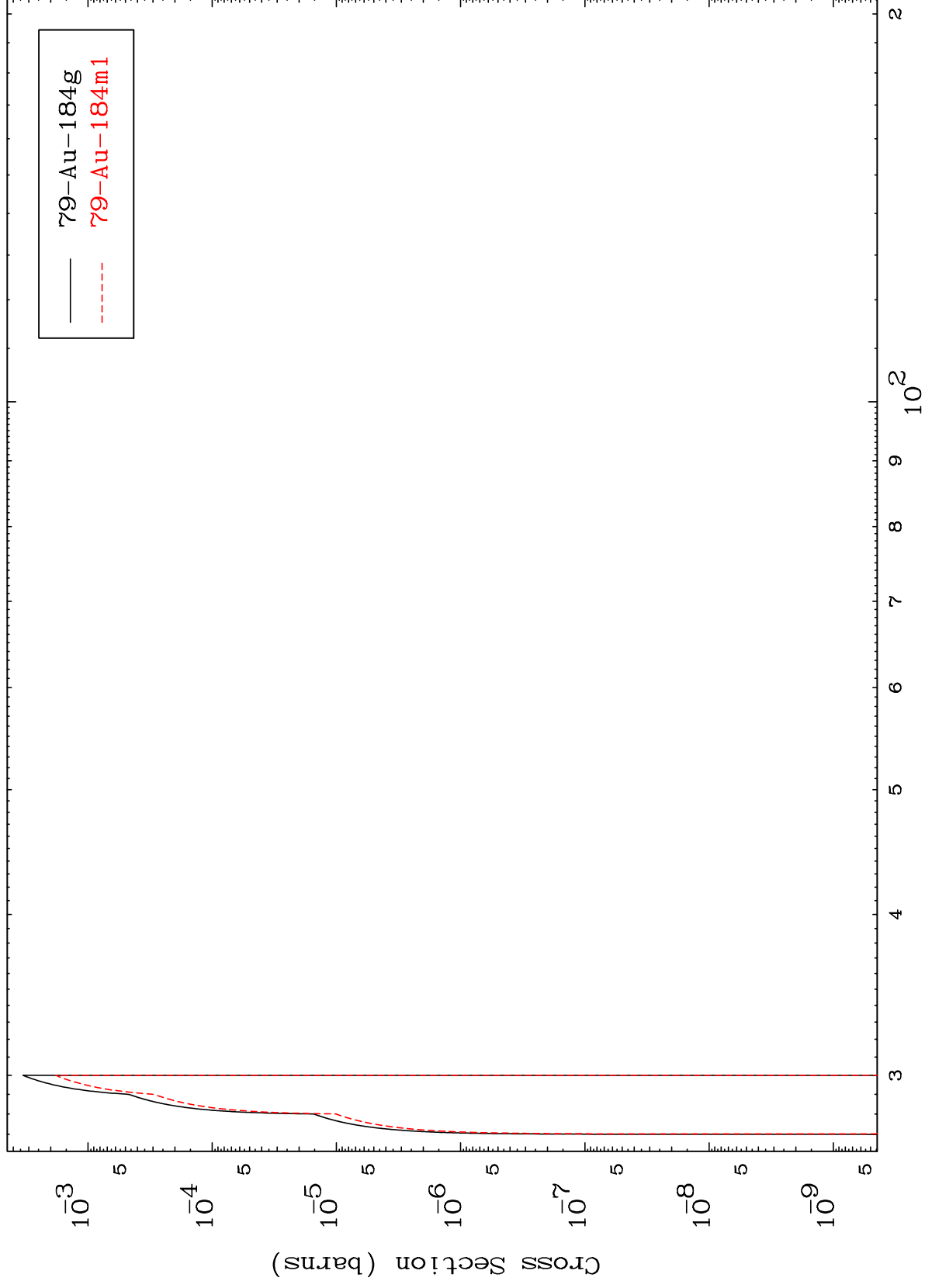
⁷⁹Au-187m



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$^{79}\text{Au-187m}$

$(n,4n)$
Radionuclide Production Cross Section

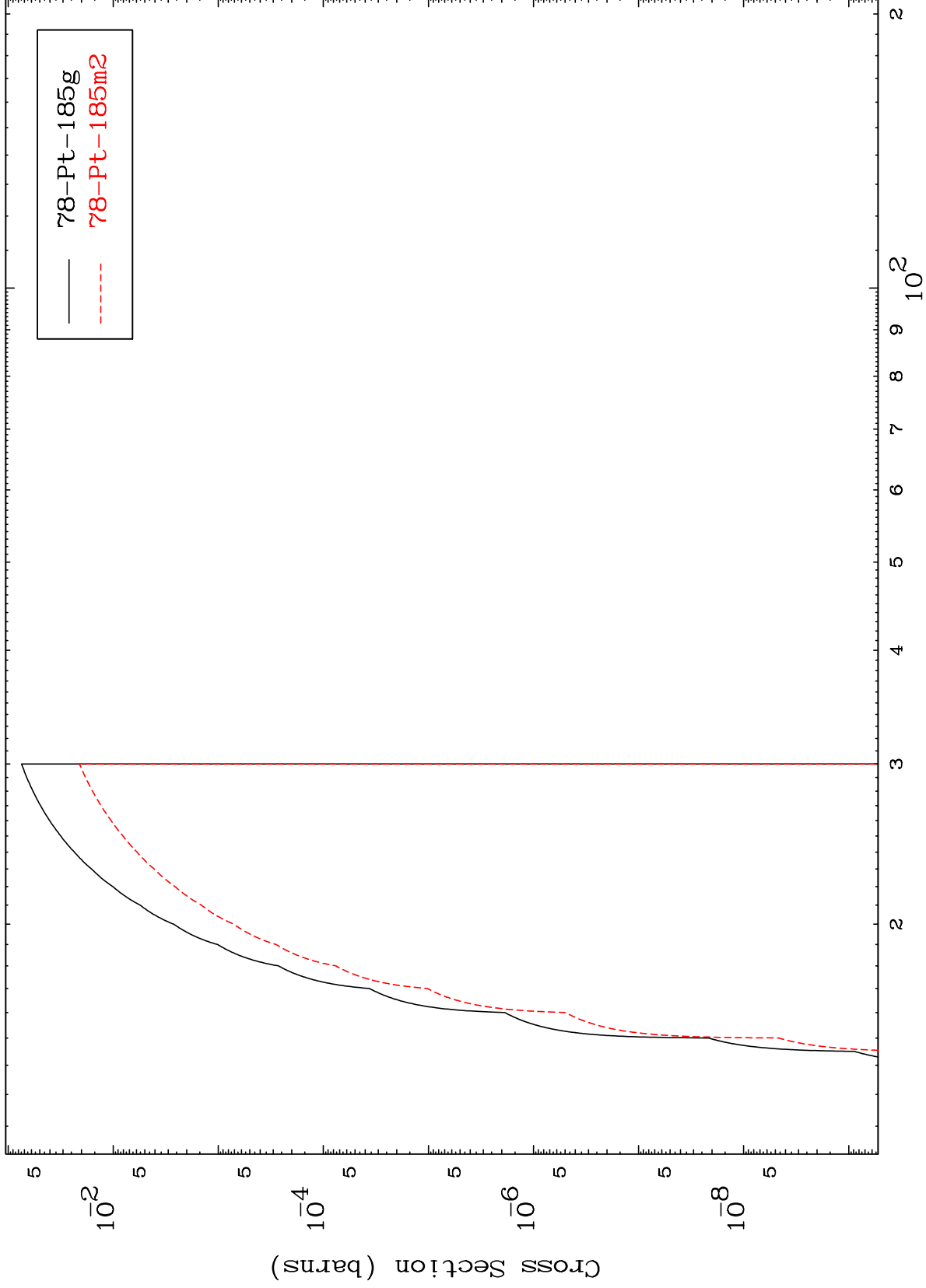


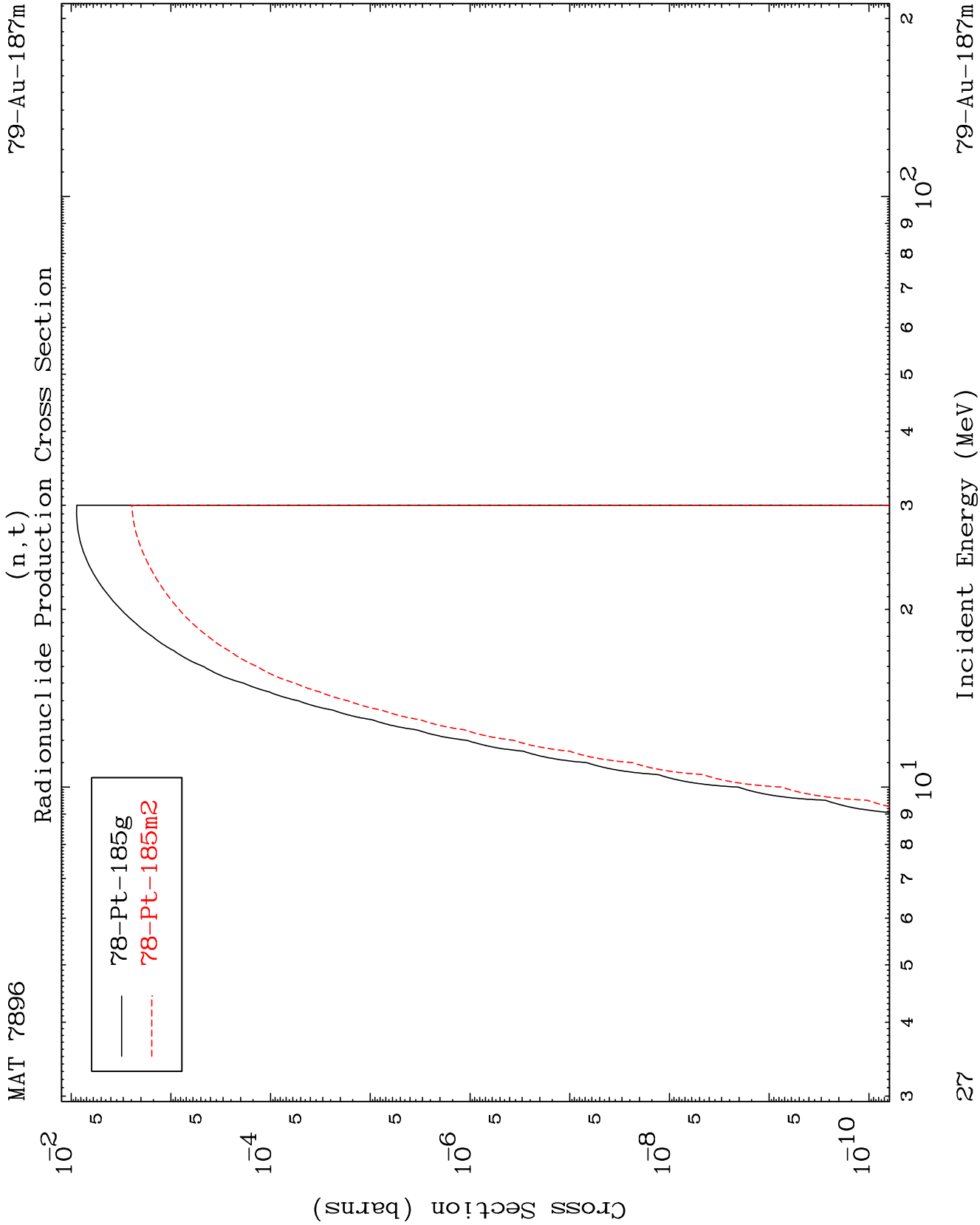
25

Incident Energy (MeV)

$^{79}\text{Au-187m}$

(n,2n) p
Radionuclide Production Cross Section





(n,2p)
Radionuclide Production Cross Section

