

Program EVALPLOT
(Version 2021-1)

by

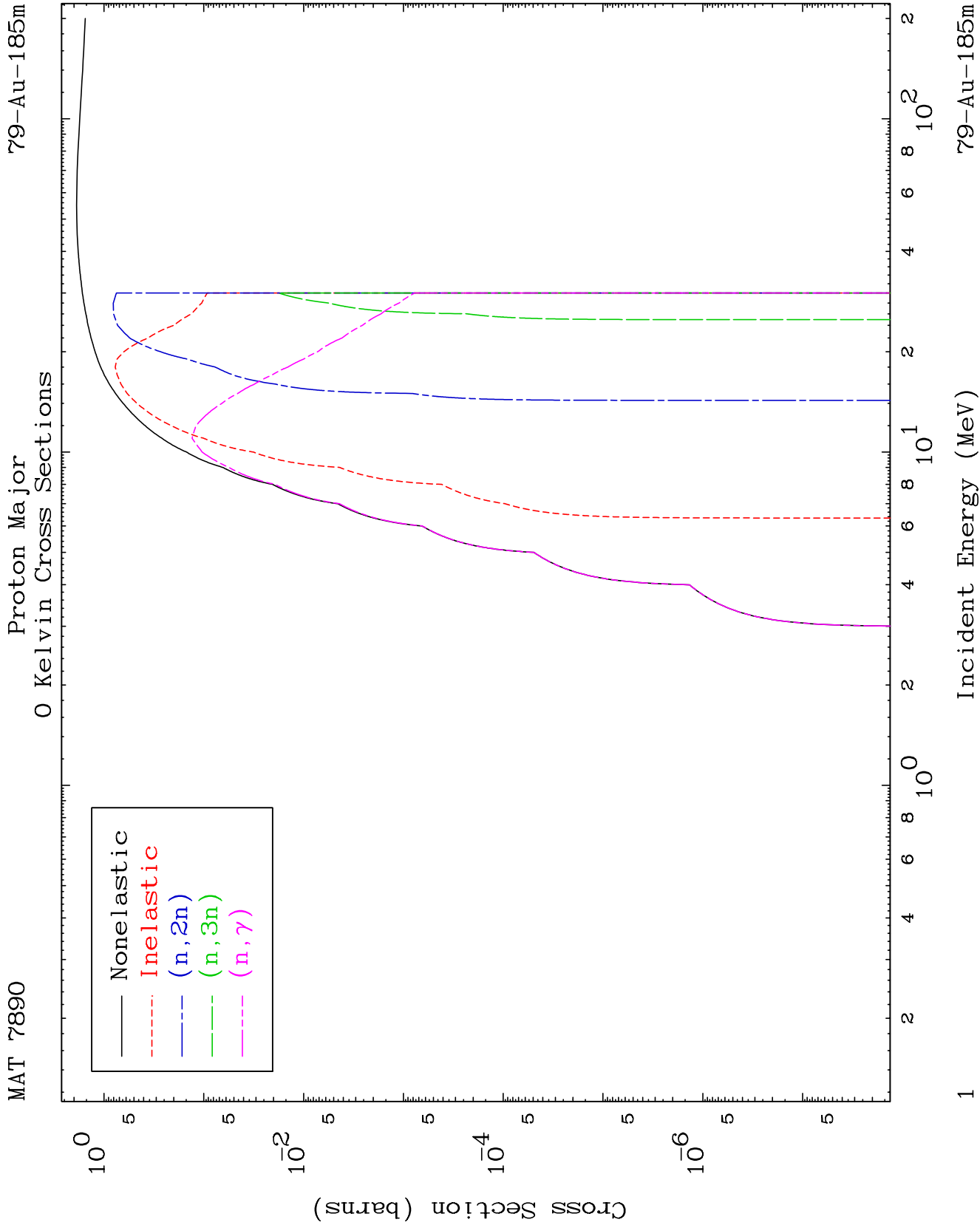
Dermott E. Cullen
(Present Contact Information)

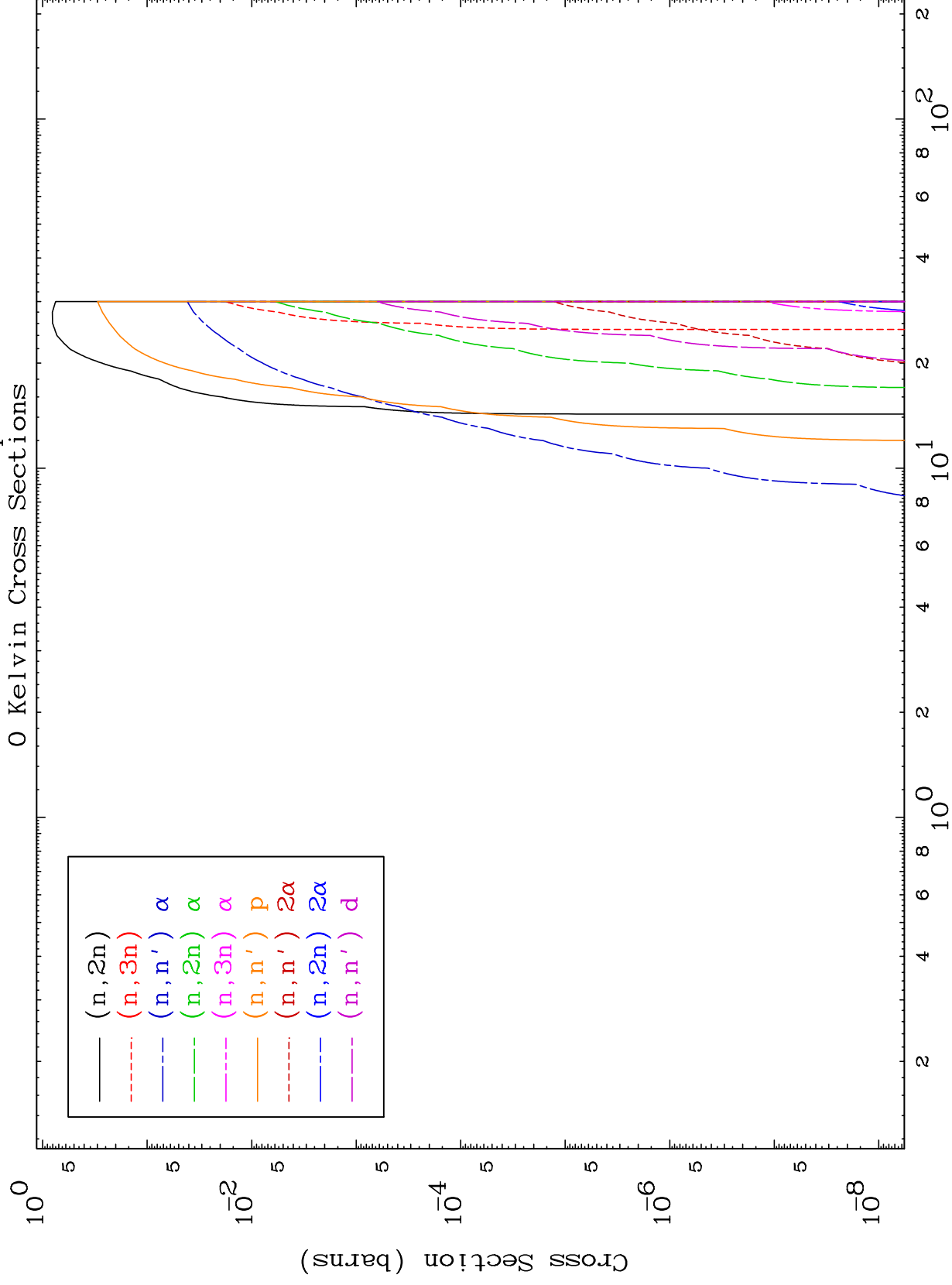
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

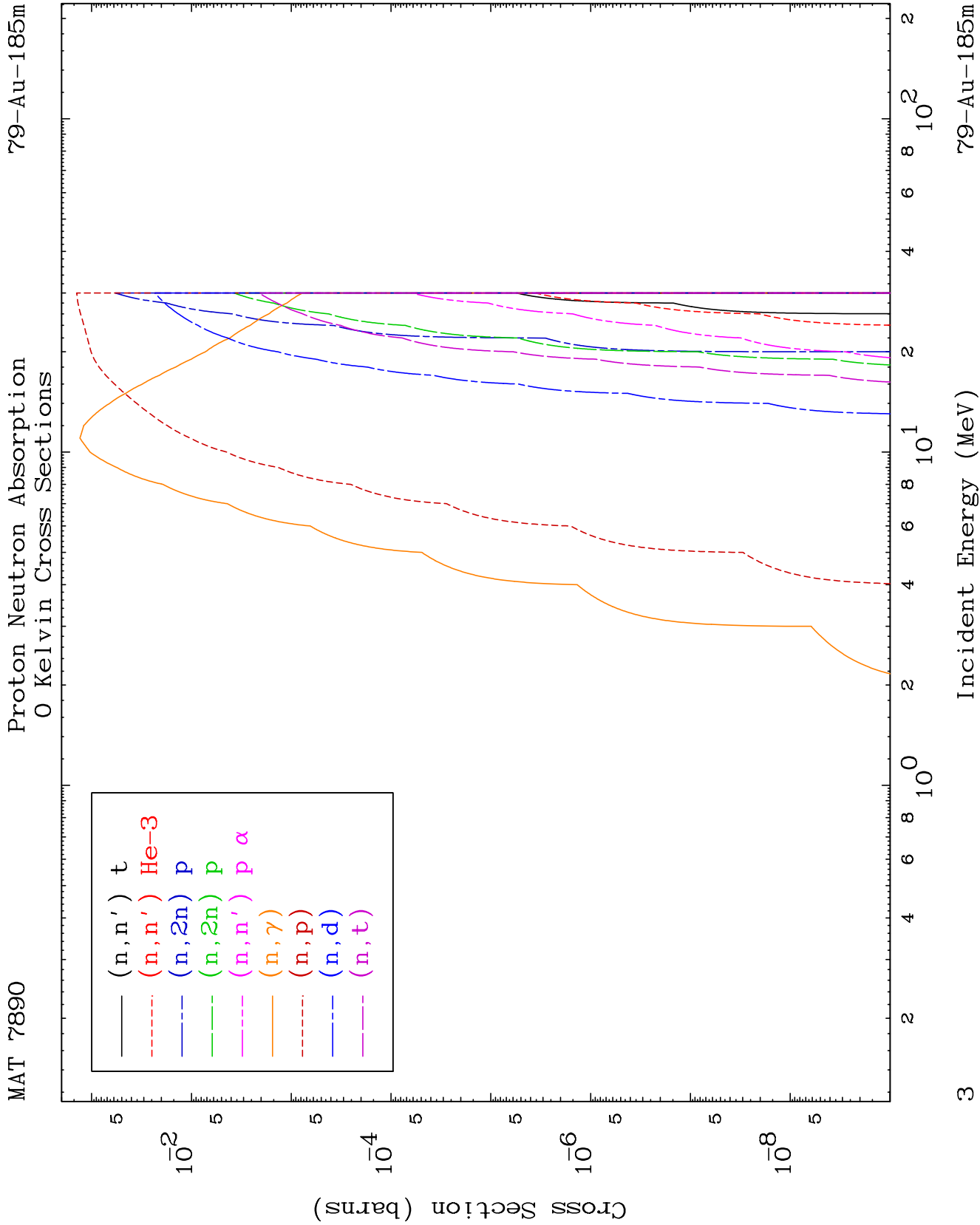
Tele: 925-443-1911

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

Press Mouse Button to Start



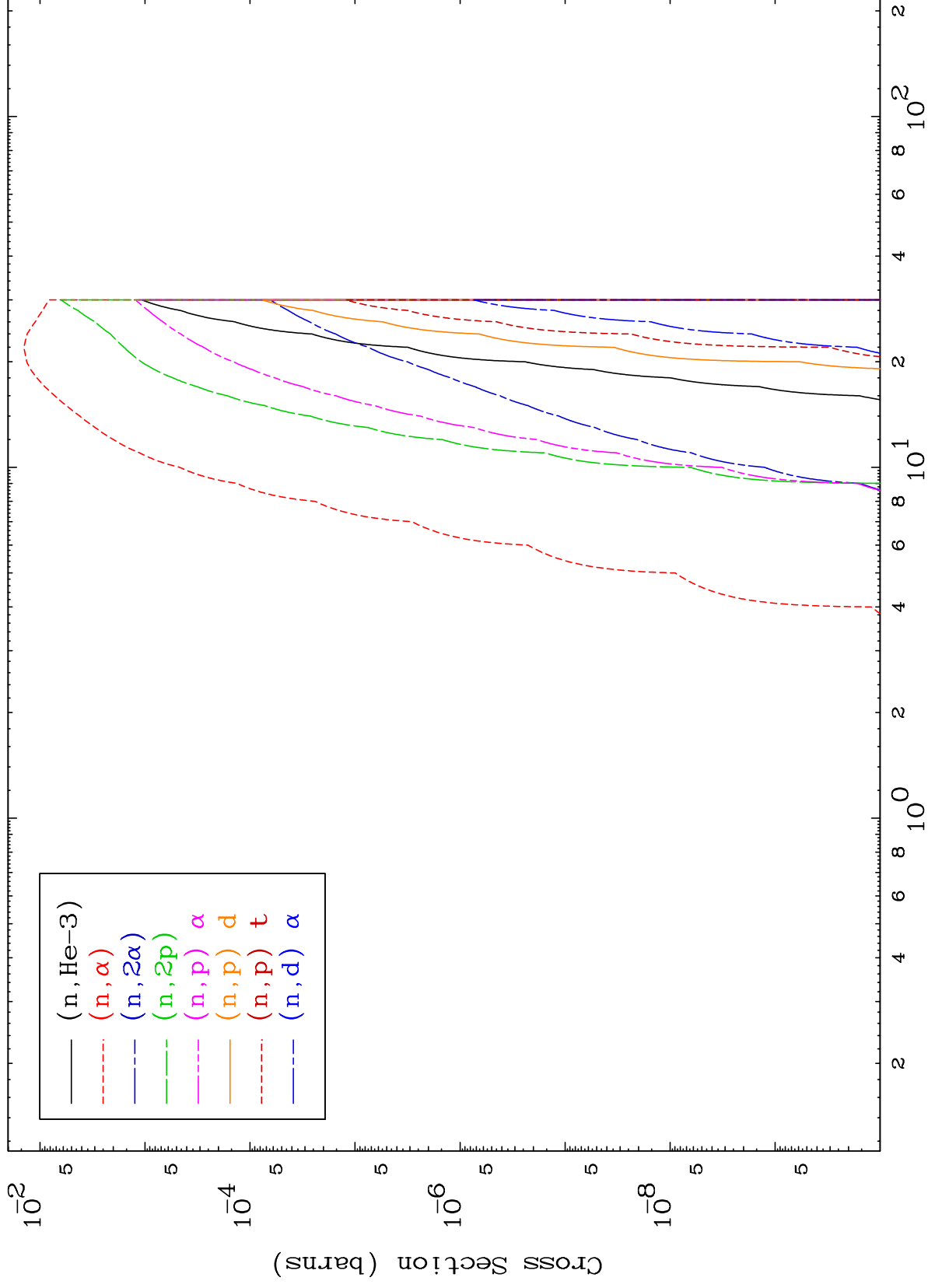


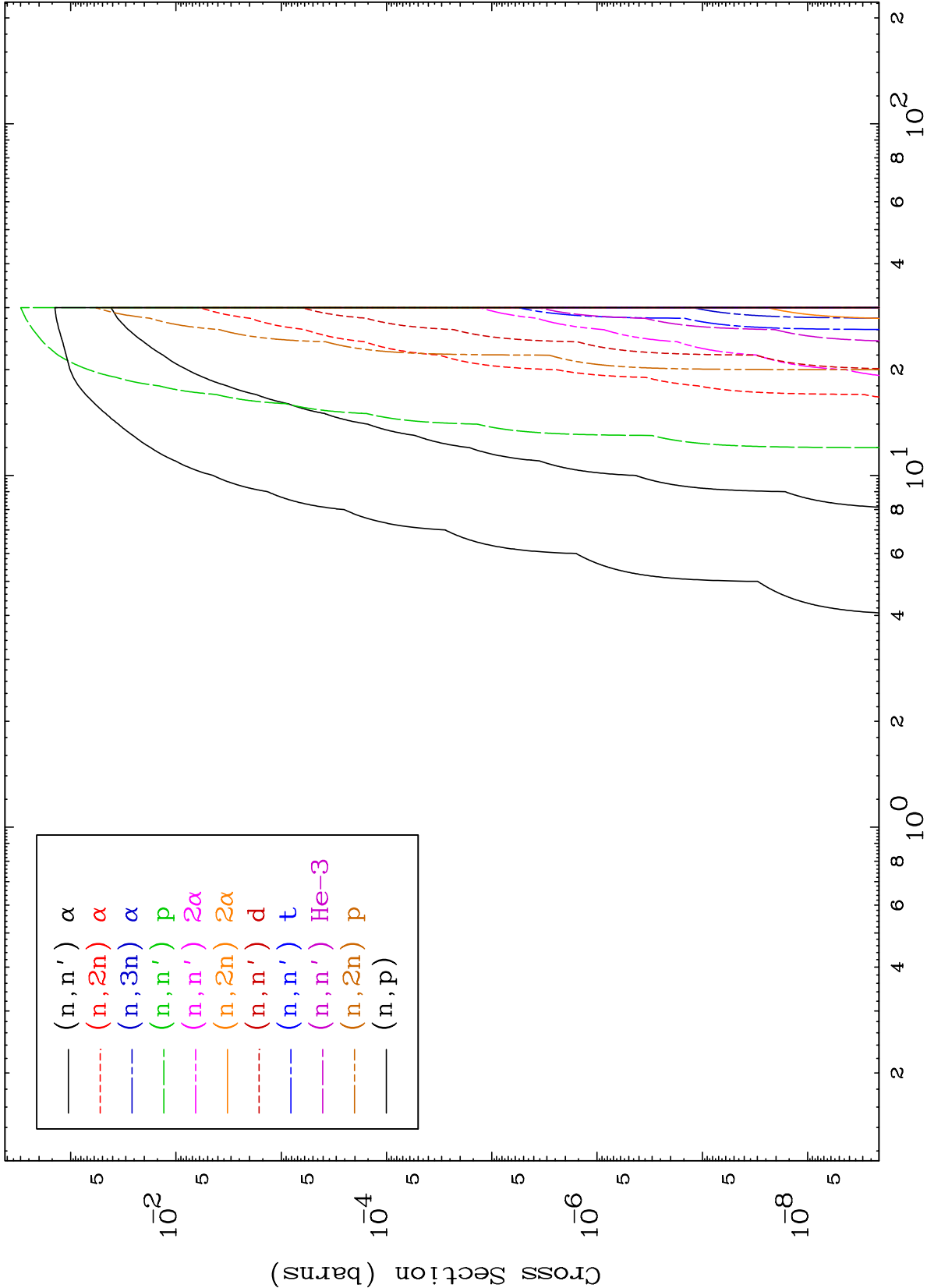


MAT 7890

Proton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-185m

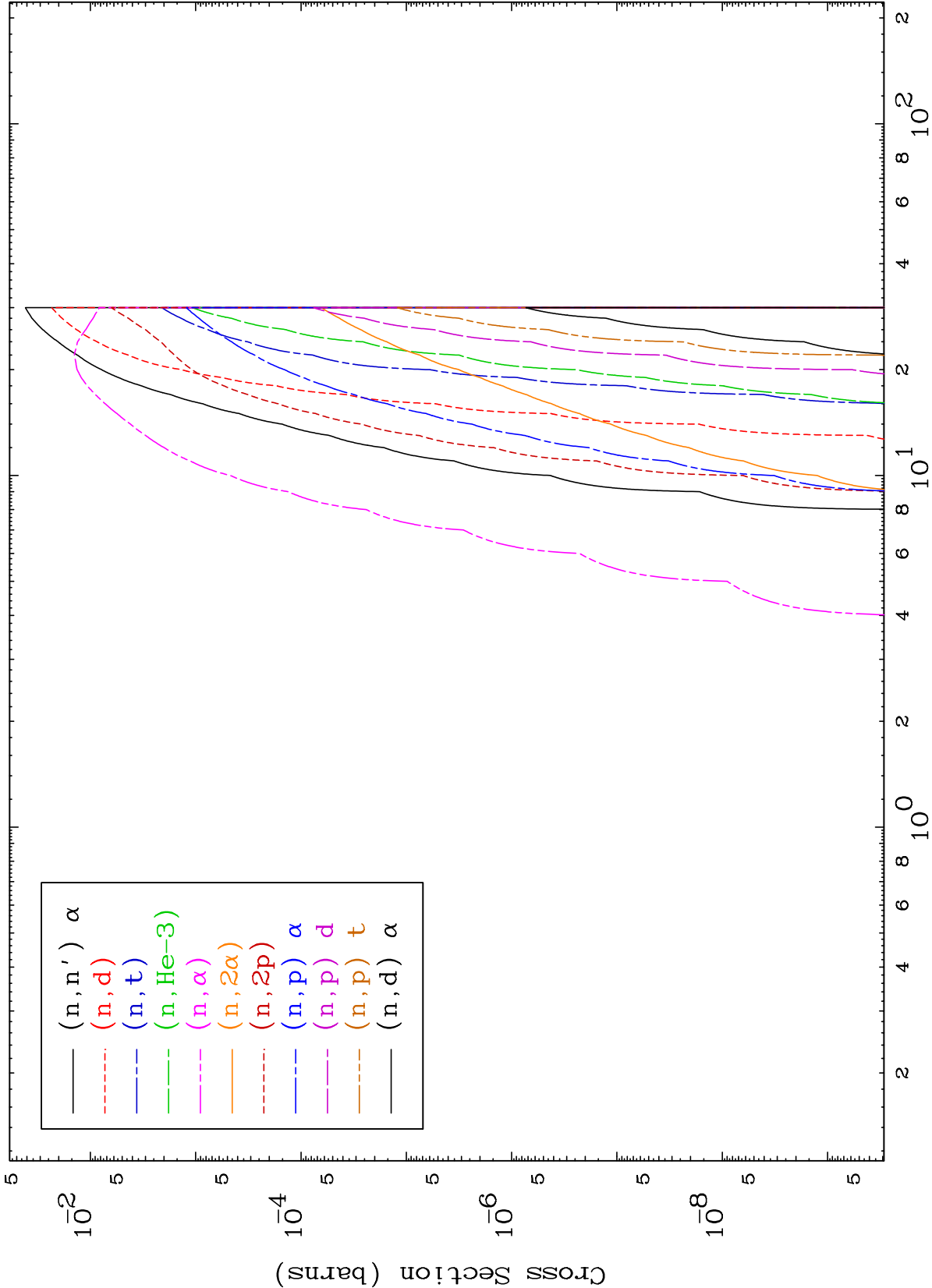




MAT 7890

Proton Charged Particle
0 Kelvin Cross Sections

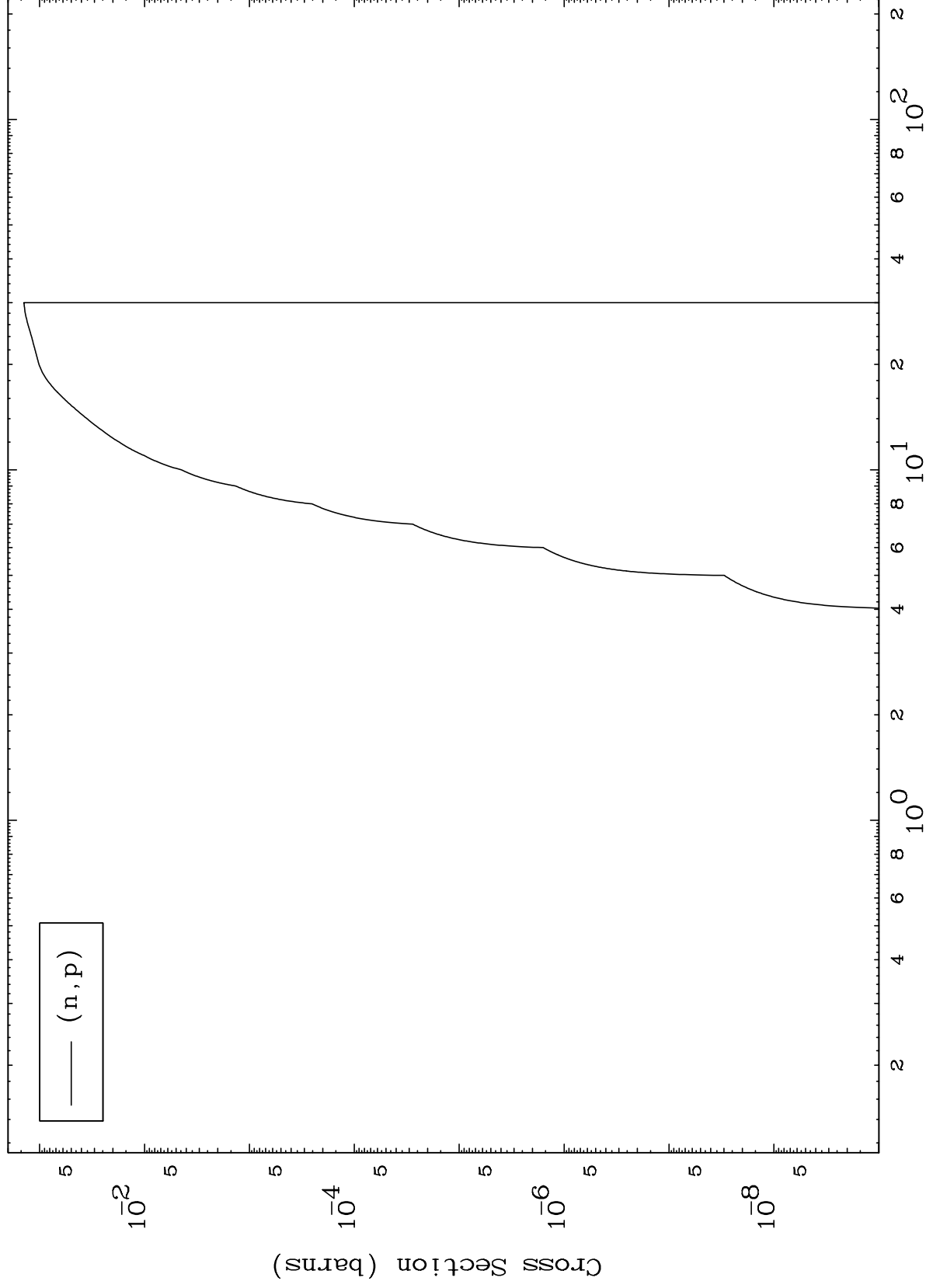
79-Au-185m



MAT 7890

⁷⁹Au-185m

(p,p) Levels
0 Kelvin Cross Sections



7

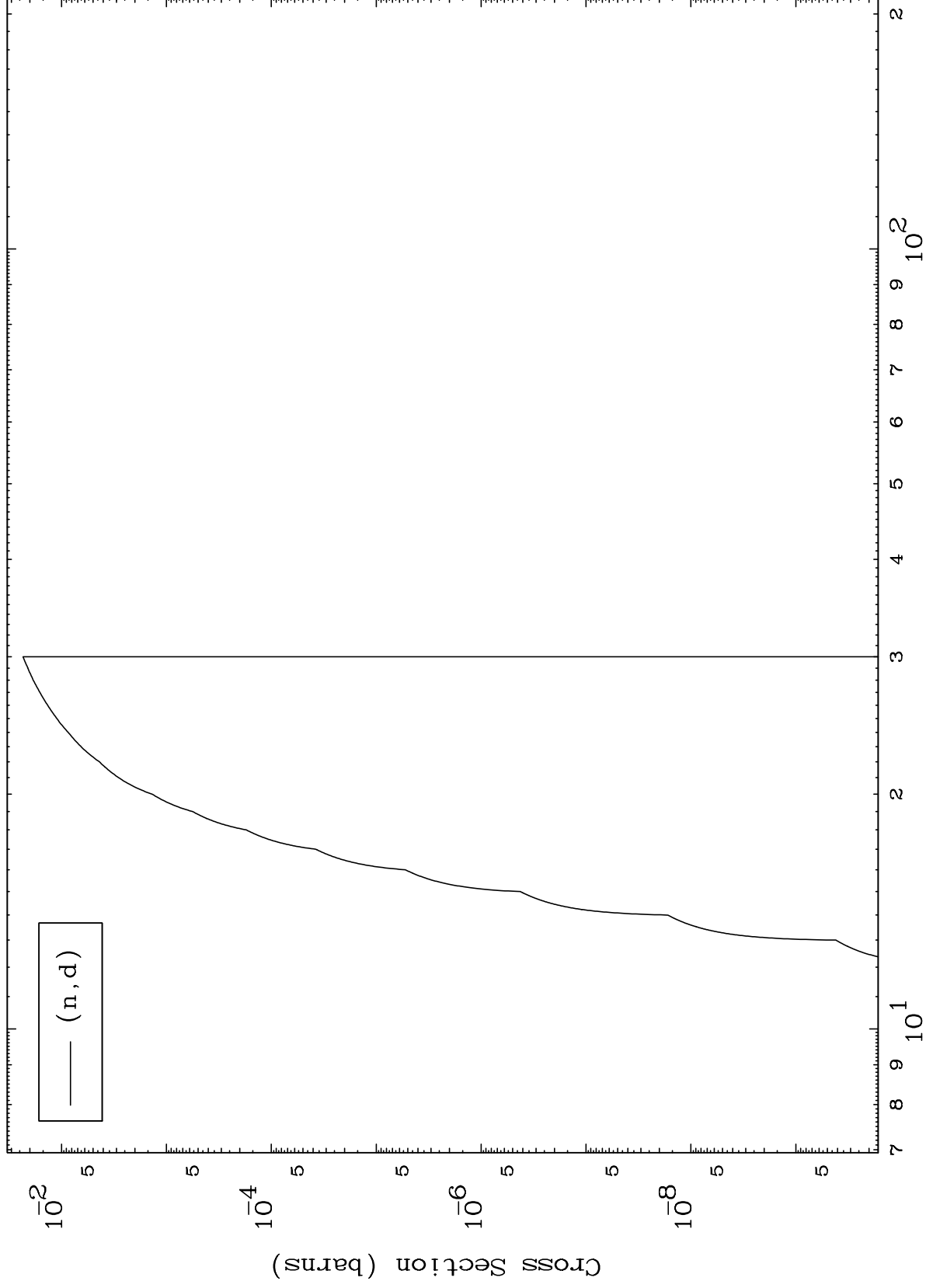
Incident Energy (MeV)

⁷⁹Au-185m

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⁷⁹Au-185m

(p,d) Levels
0 Kelvin Cross Sections



⁷⁹Au-185m

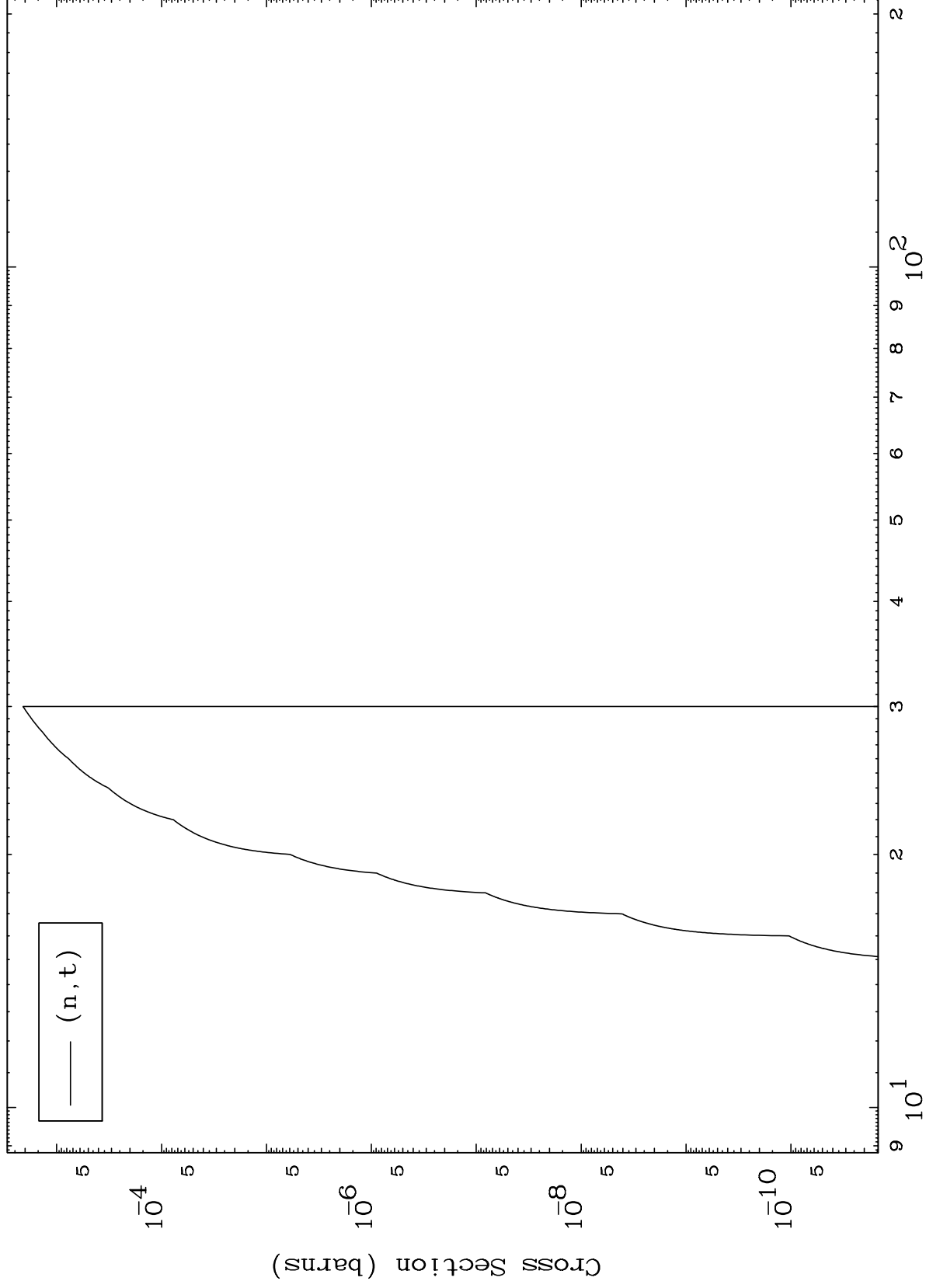
Incident Energy (MeV)

8

MAT 7890

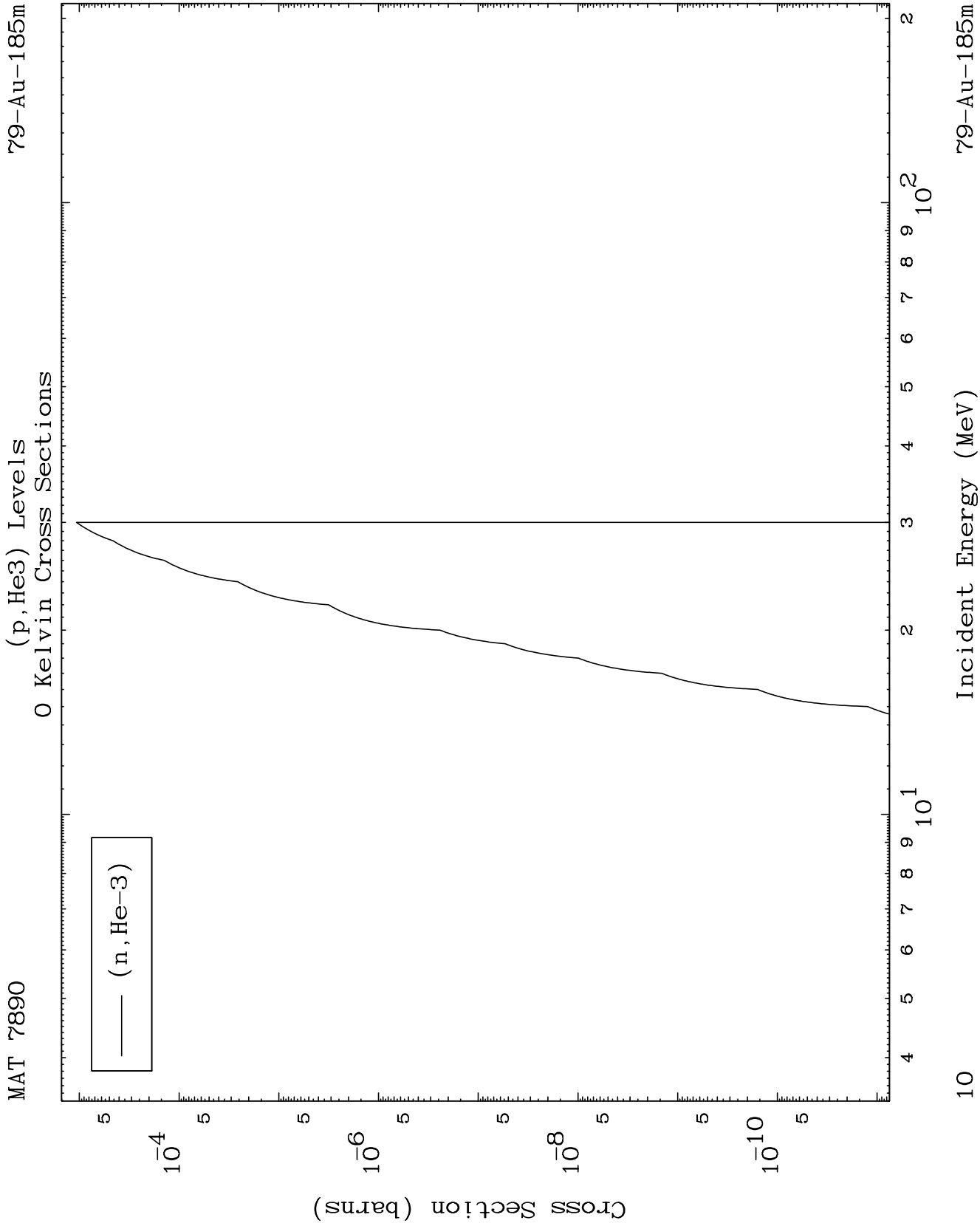
⁷⁹Au-185m

(p,t) Levels
0 Kelvin Cross Sections



⁷⁹Au-185m

Incident Energy (MeV)

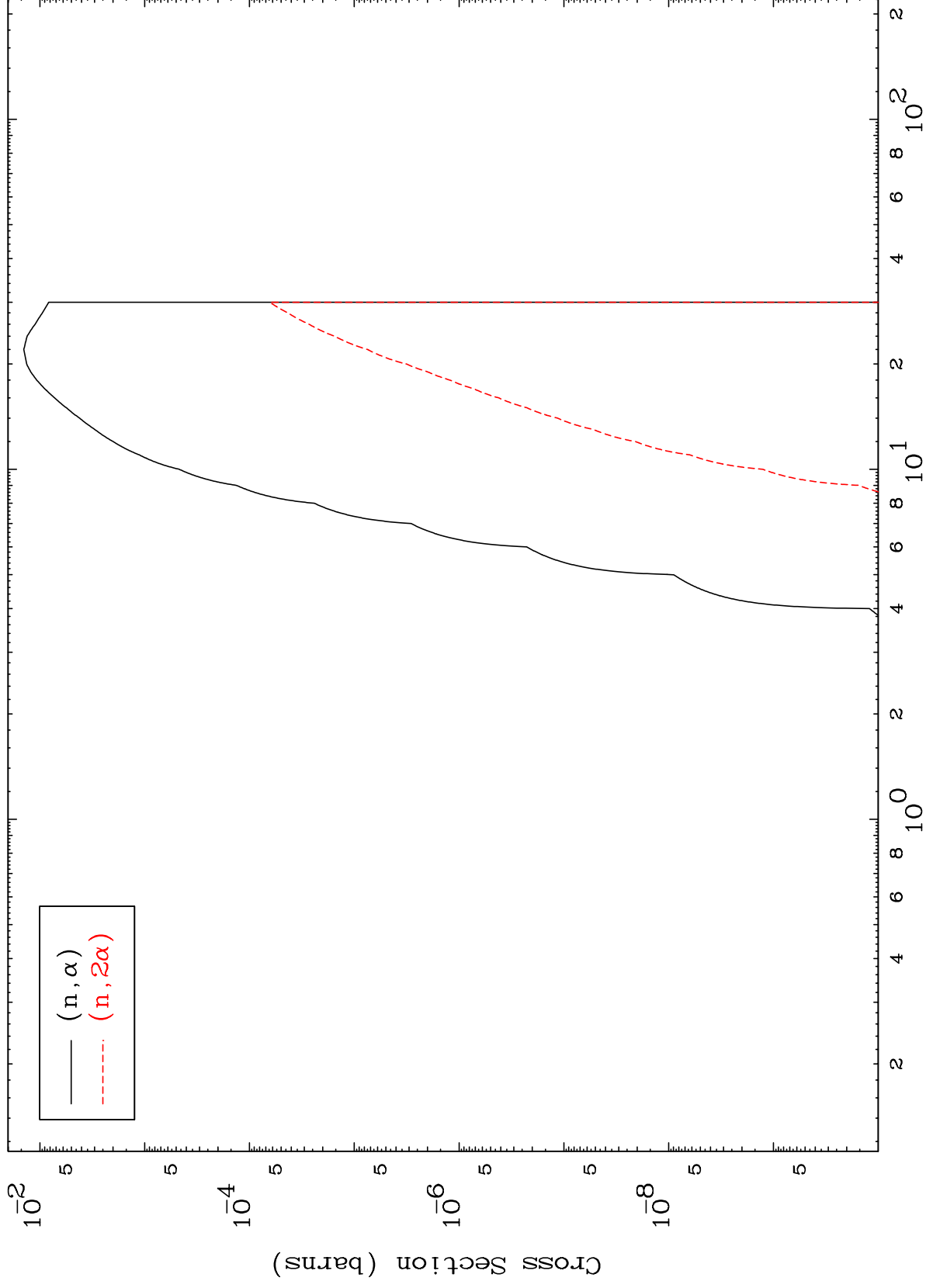


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(p, α) Levels

$^{79}\text{Au-185m}$

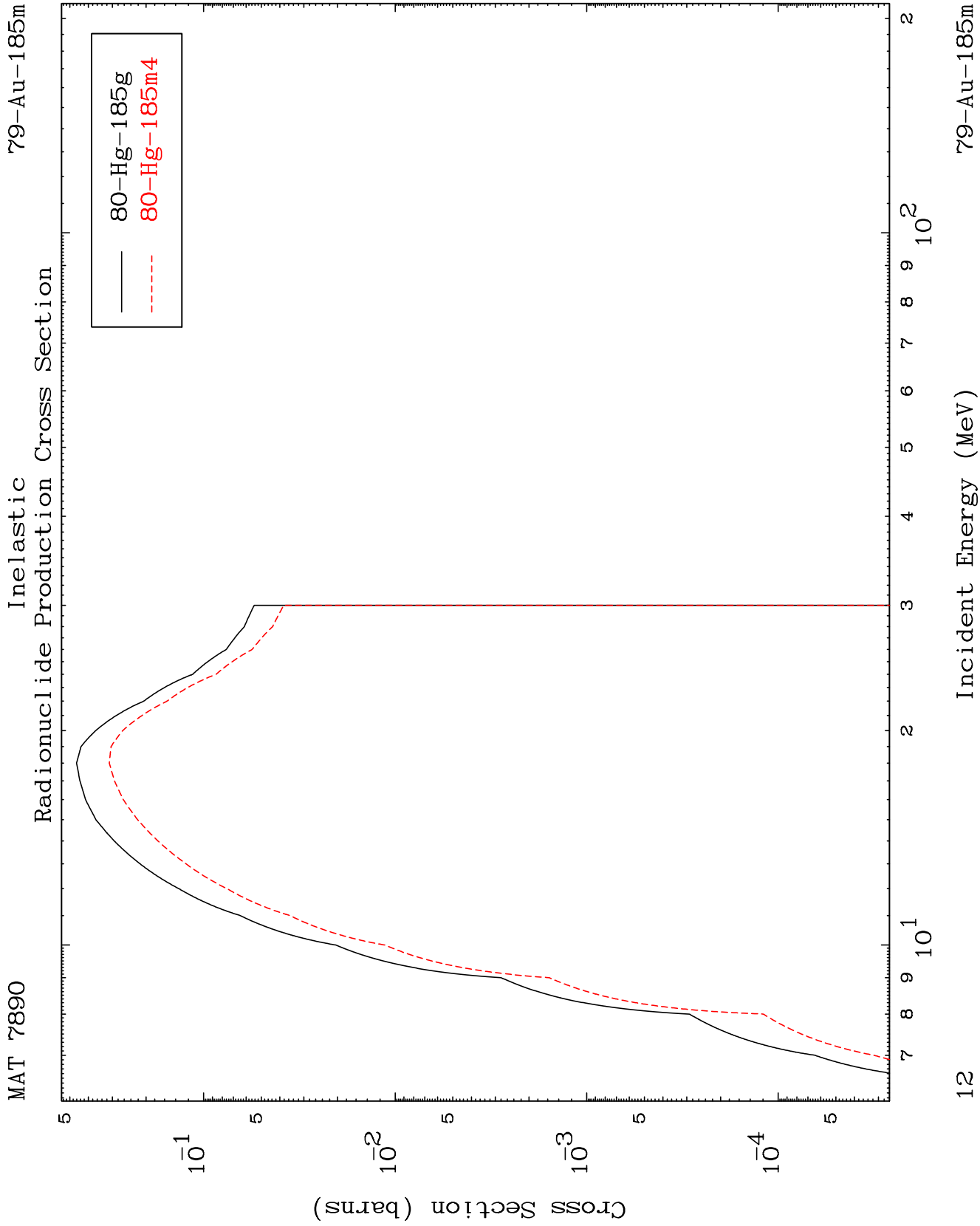
0 Kelvin Cross Sections



11

Incident Energy (MeV)

$^{79}\text{Au-185m}$

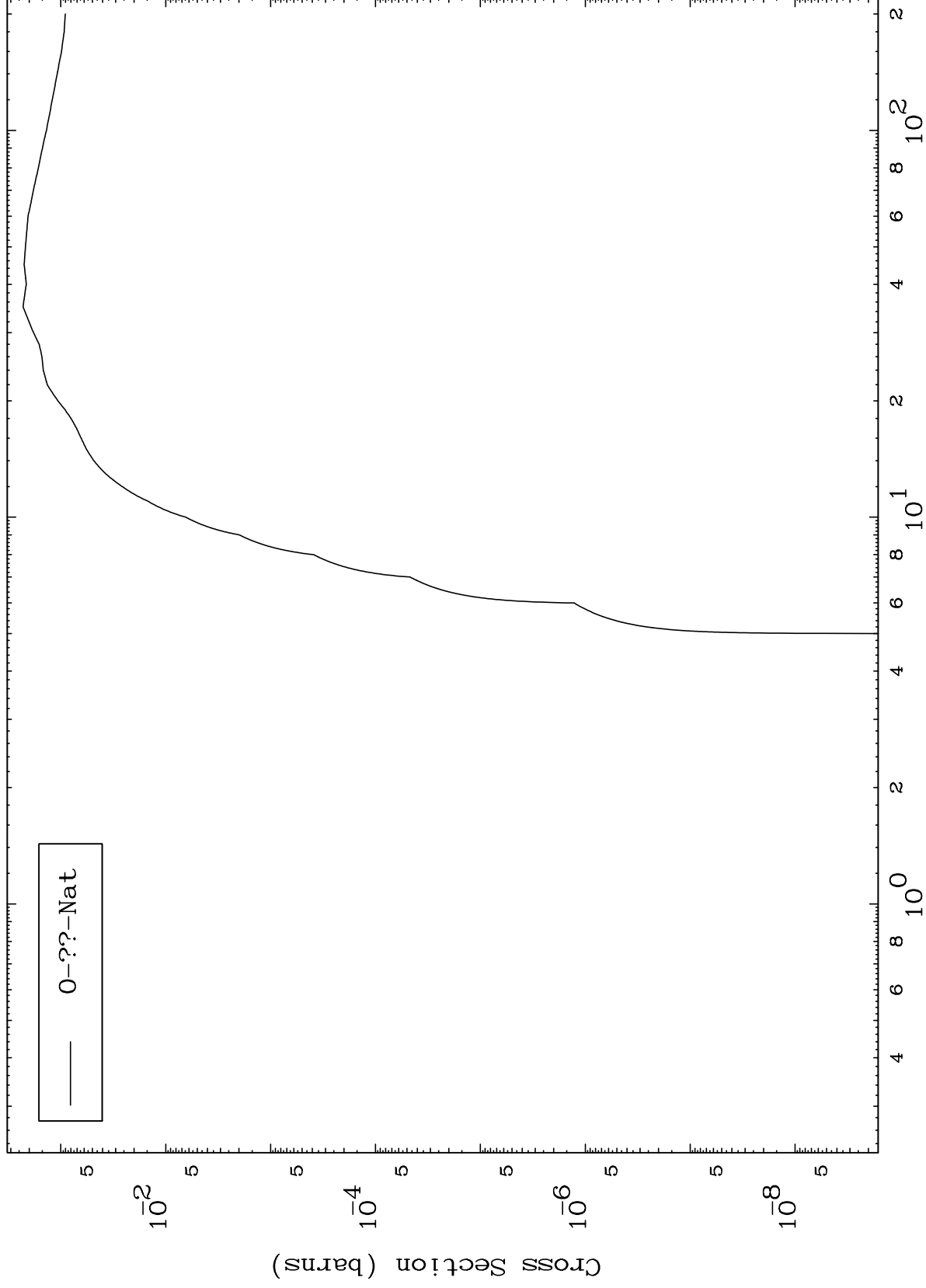


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Fission

⁷⁹Au-185m

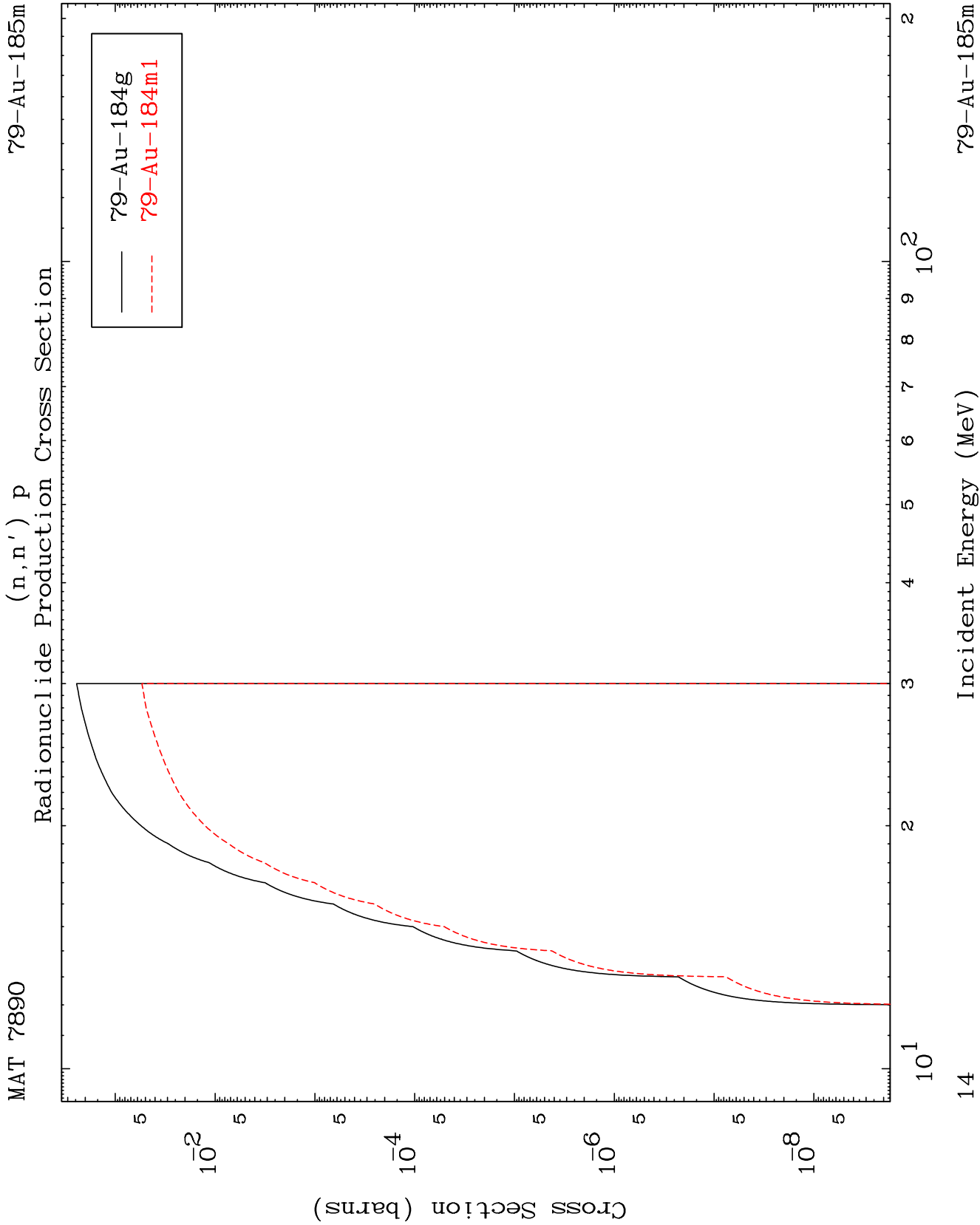
Radionuclide Production Cross Section



13

Incident Energy (MeV)

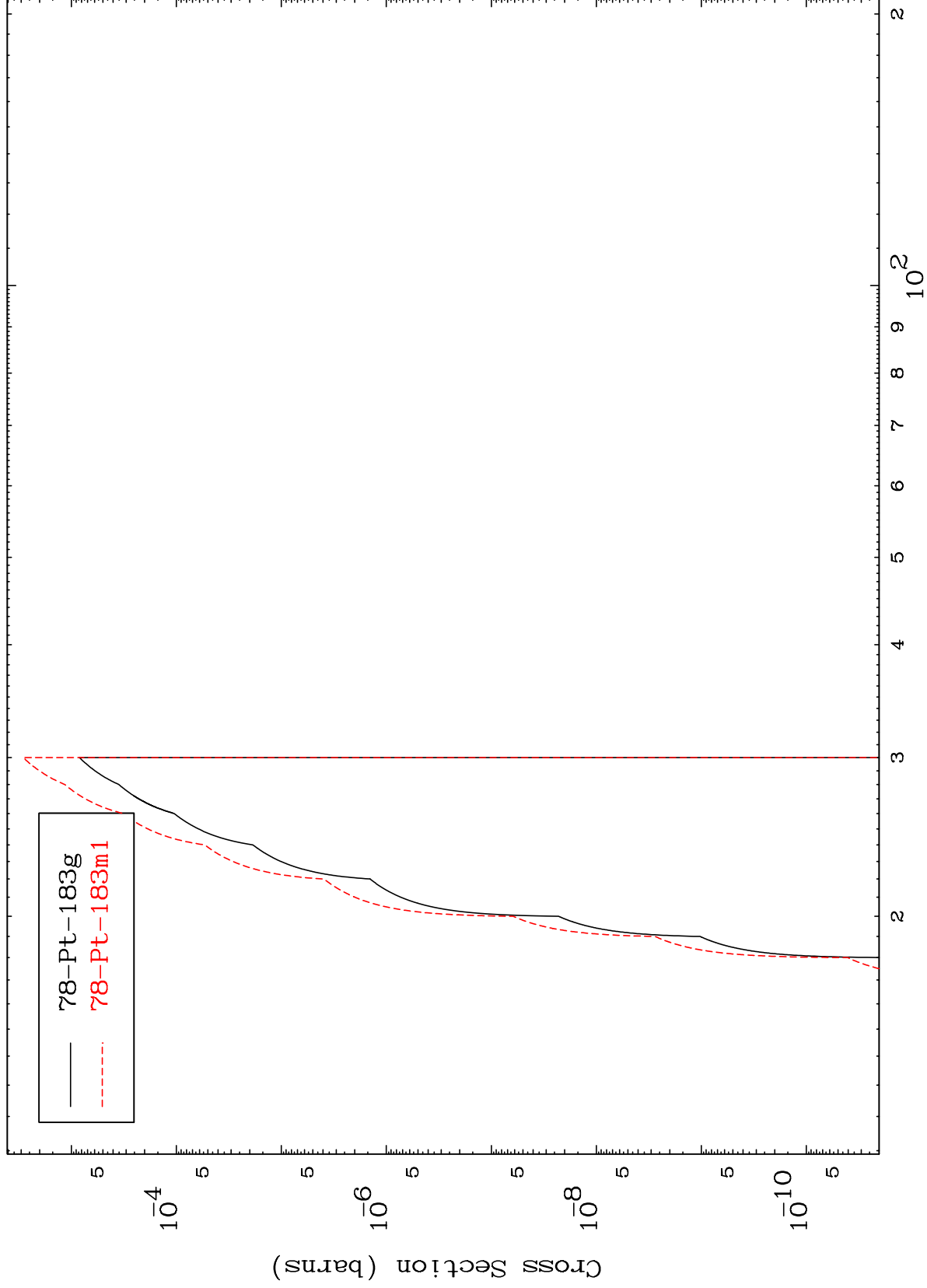
⁷⁹Au-185m



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79-Au-185m

(n,2n) p
Radionuclide Production Cross Section



79-Au-185m

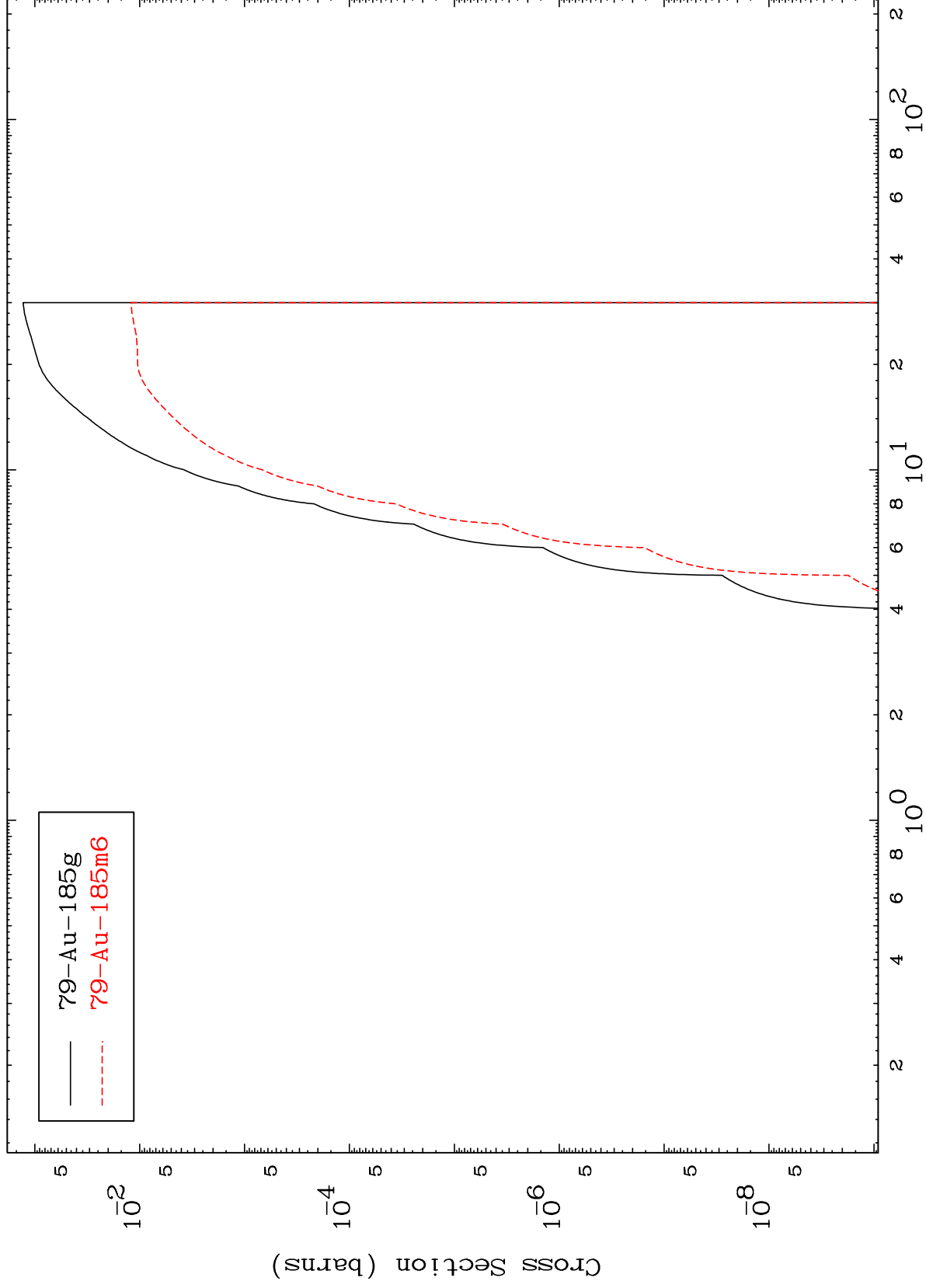
Incident Energy (MeV)

15

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⁷⁹Au-185m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-185m

16

