

Program EVALPLOT
(Version 2021-1)

by

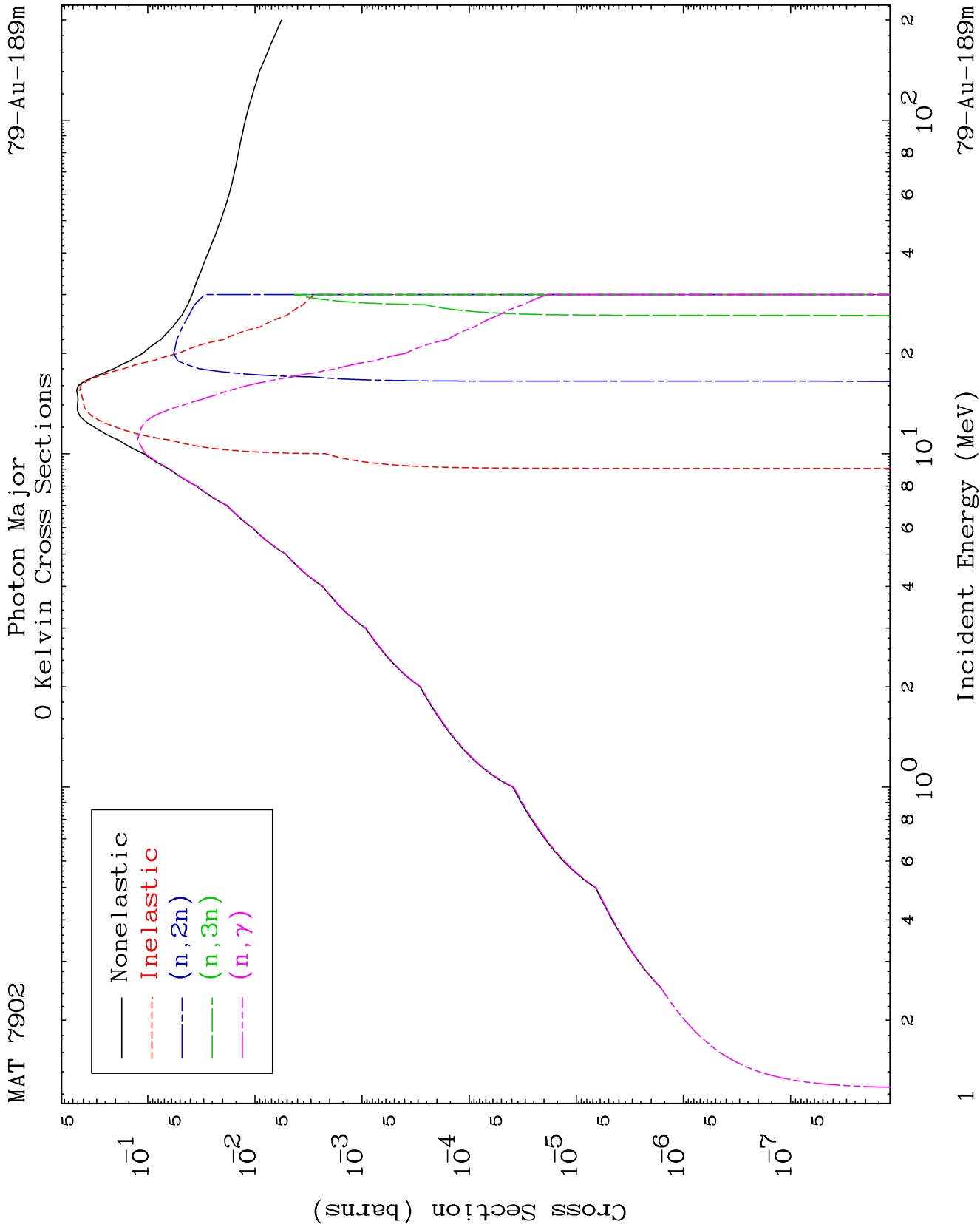
Dermott E. Cullen
(Present Contact Information)

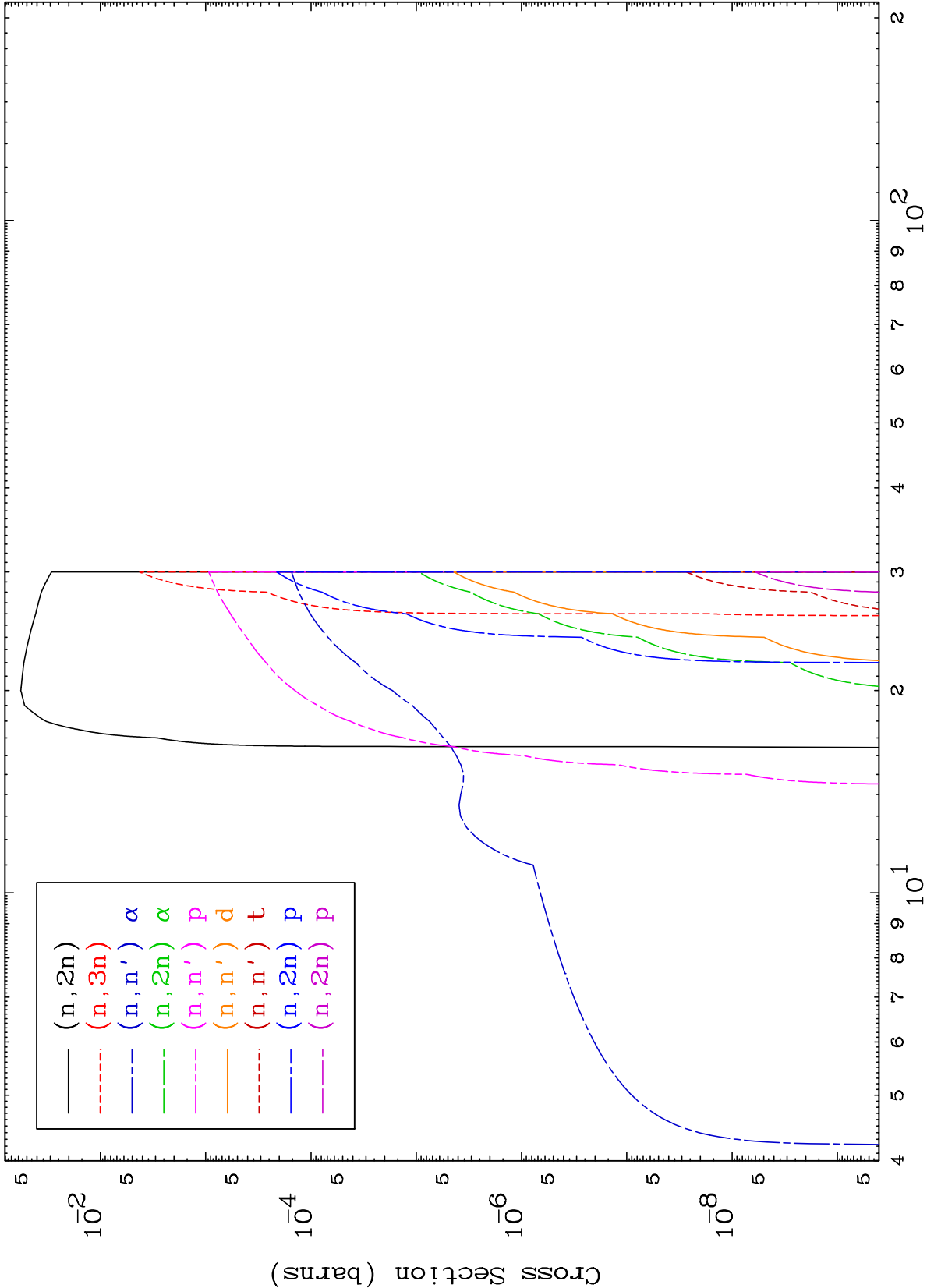
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

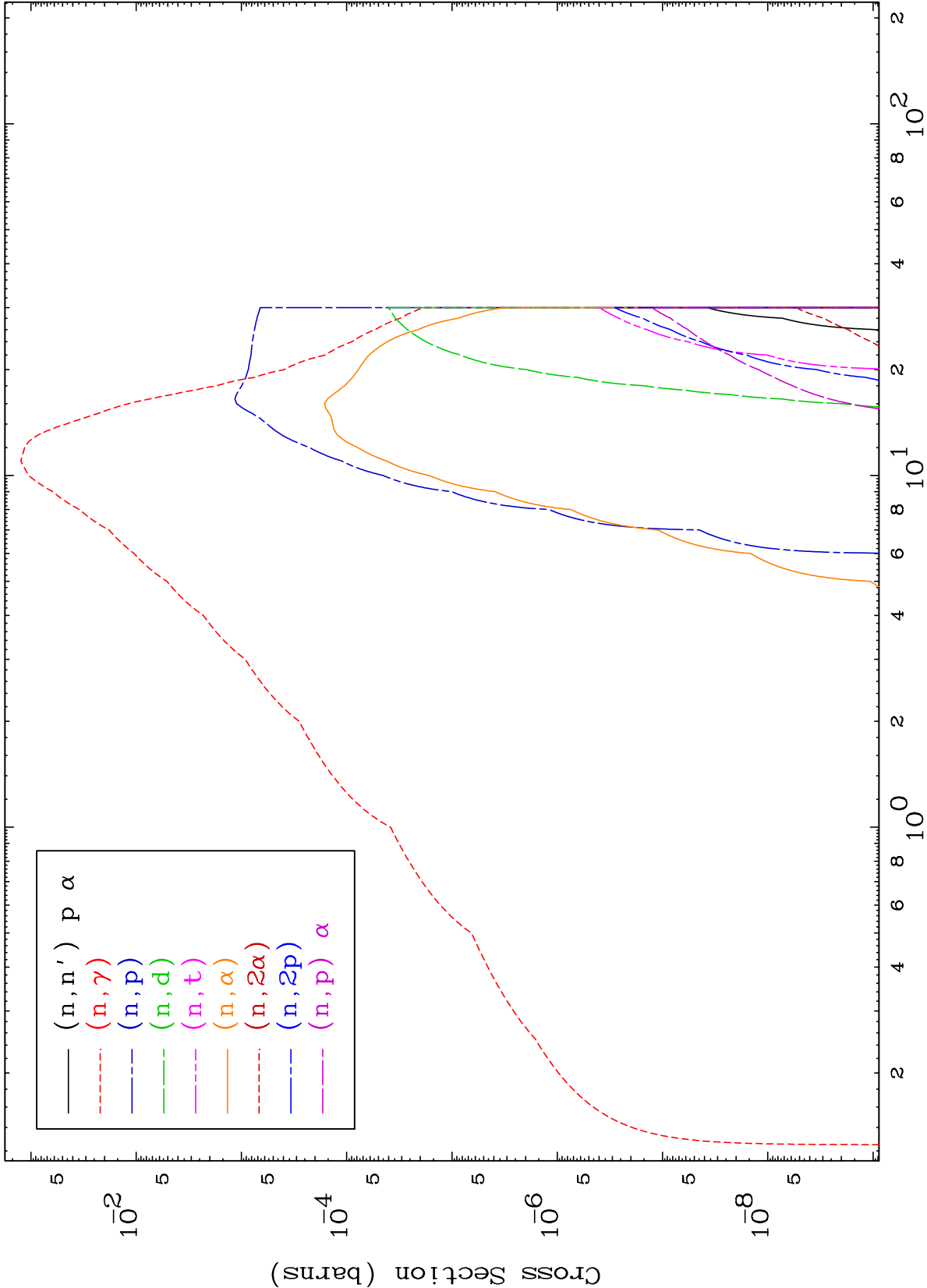
Tele: 925-443-1911

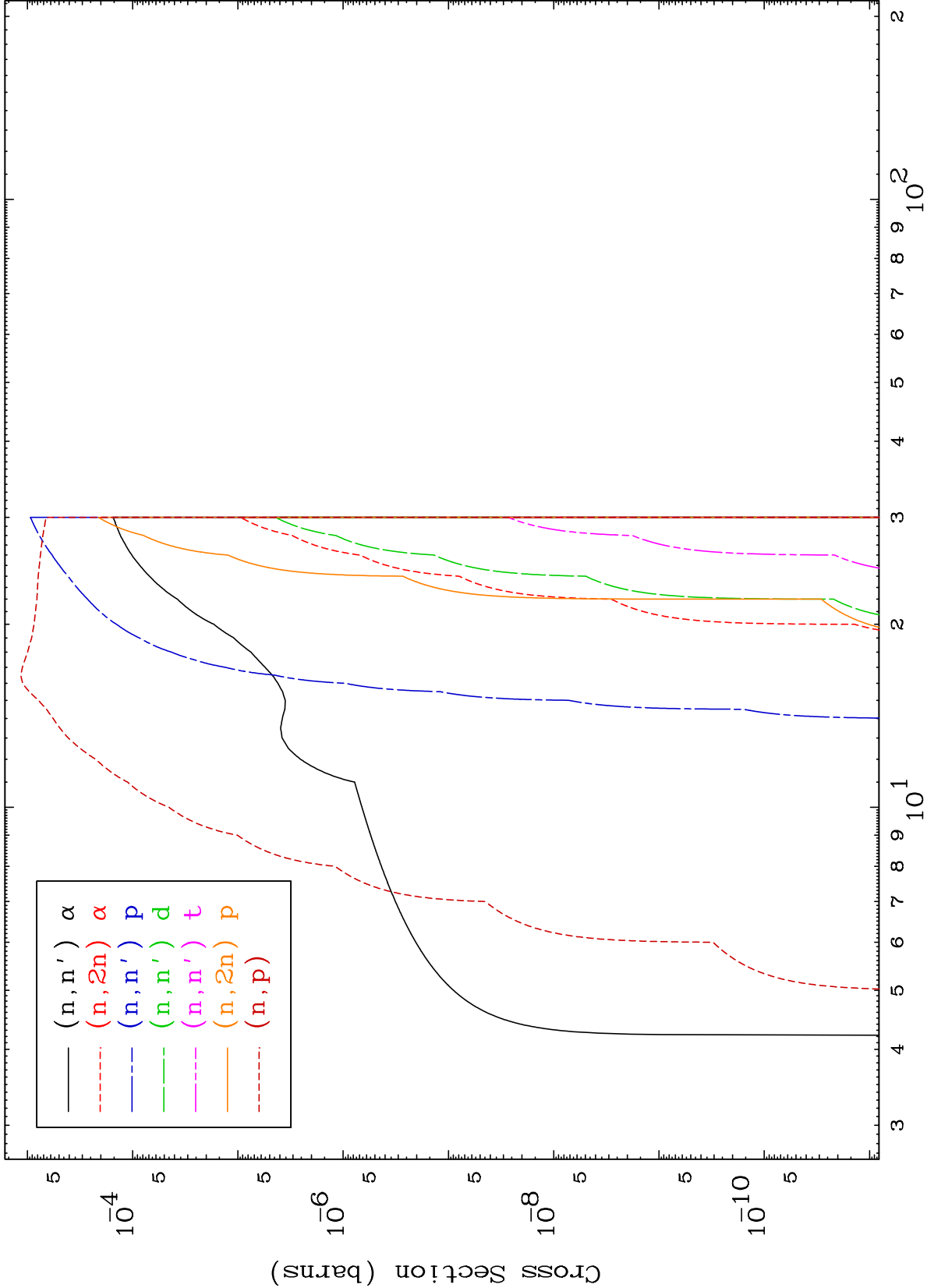
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

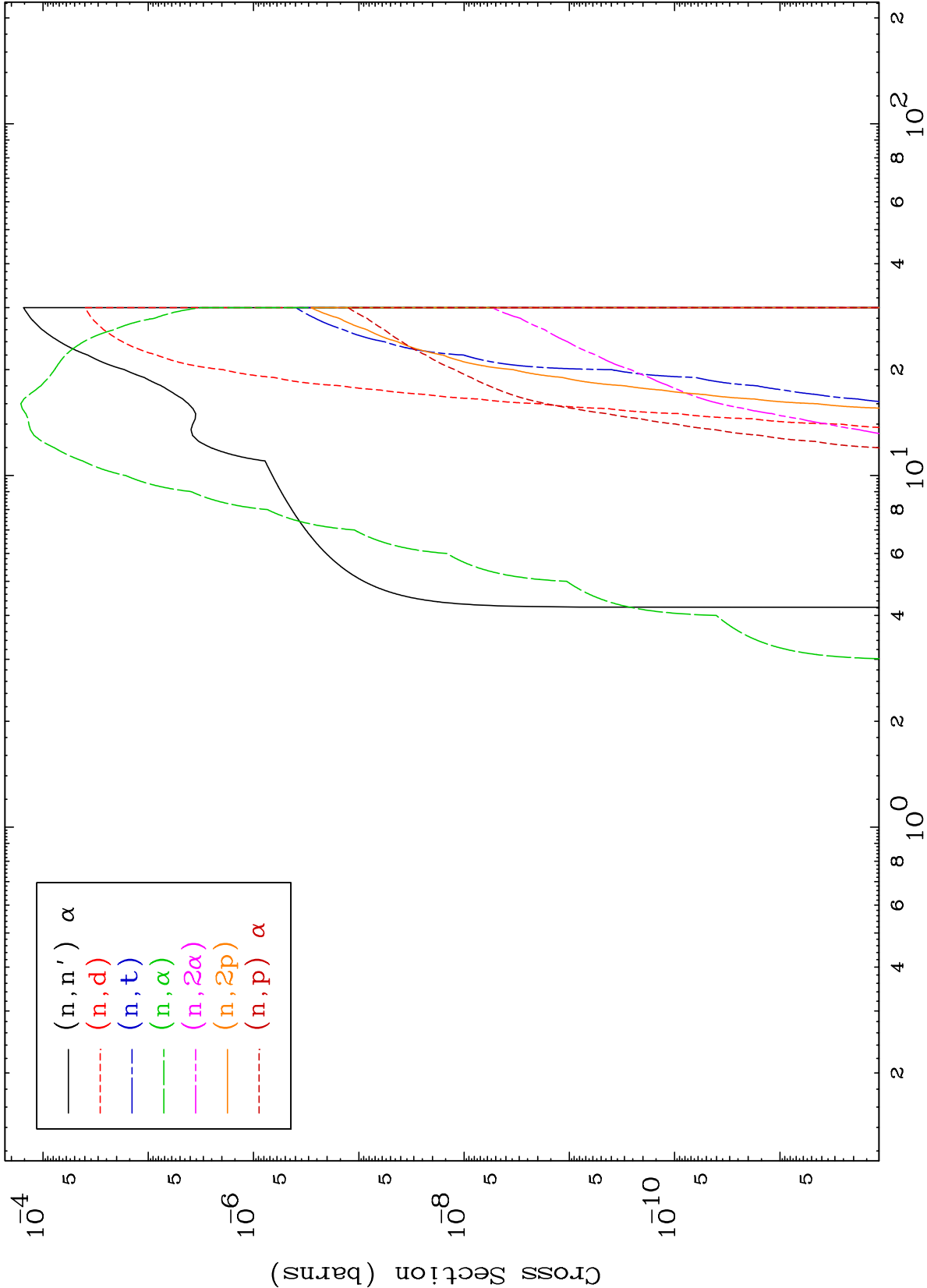
Press Mouse Button to Start

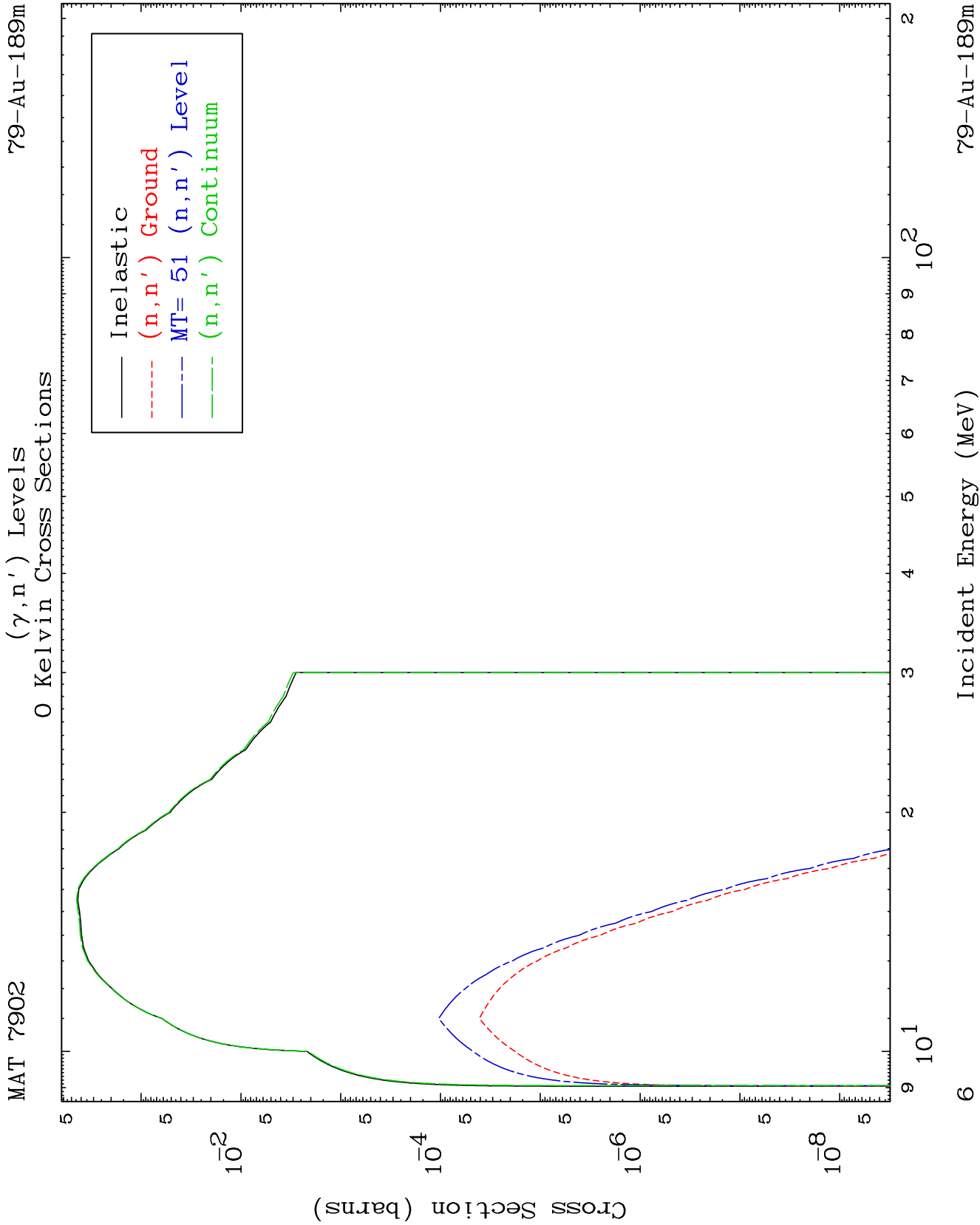








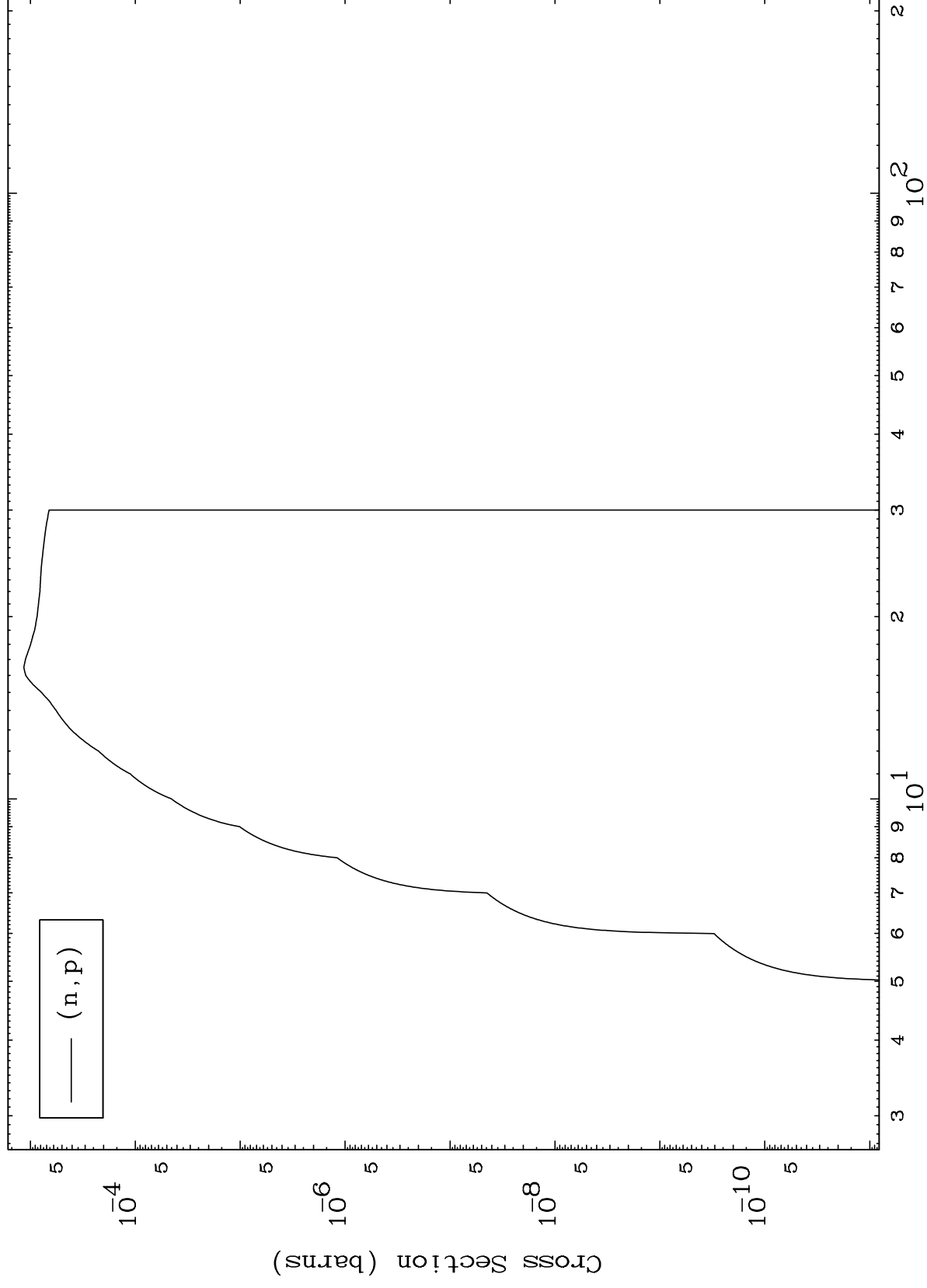




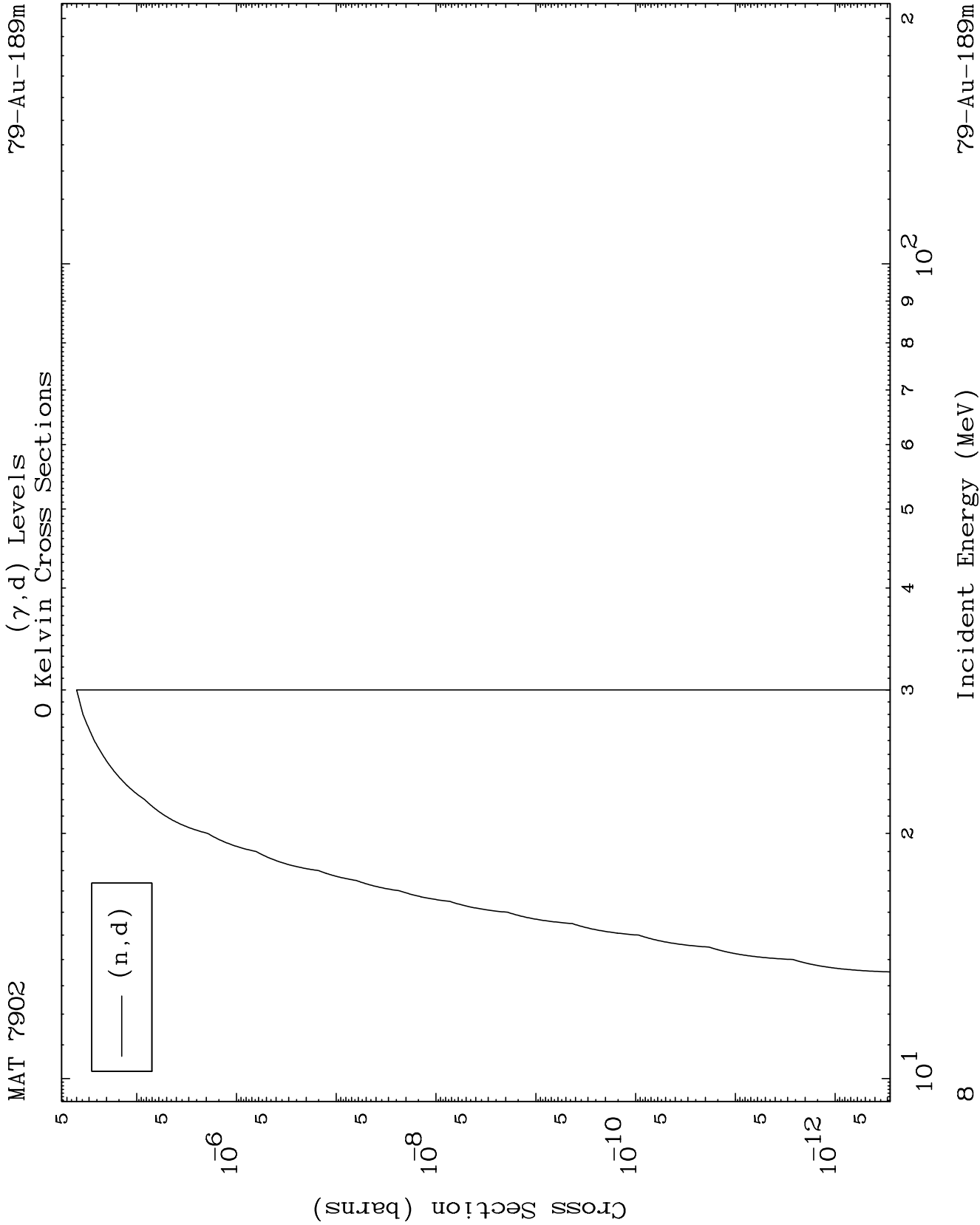
MAT 7902

79-Au-189m

(γ, p) Levels
0 Kelvin Cross Sections

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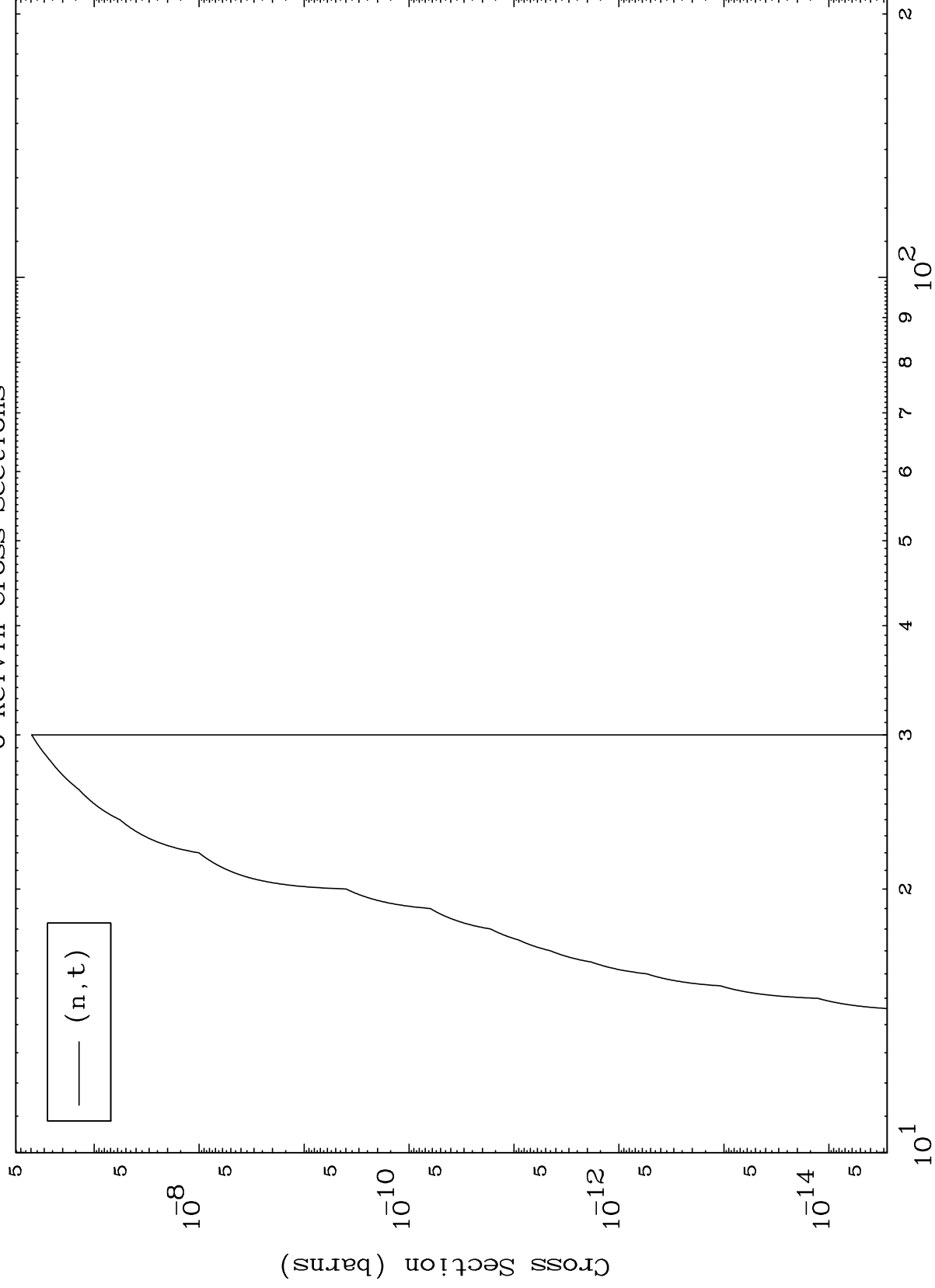
79-Au-189m



MAT 7902

⁷⁹Au-189m

(γ, t) Levels
0 Kelvin Cross Sections



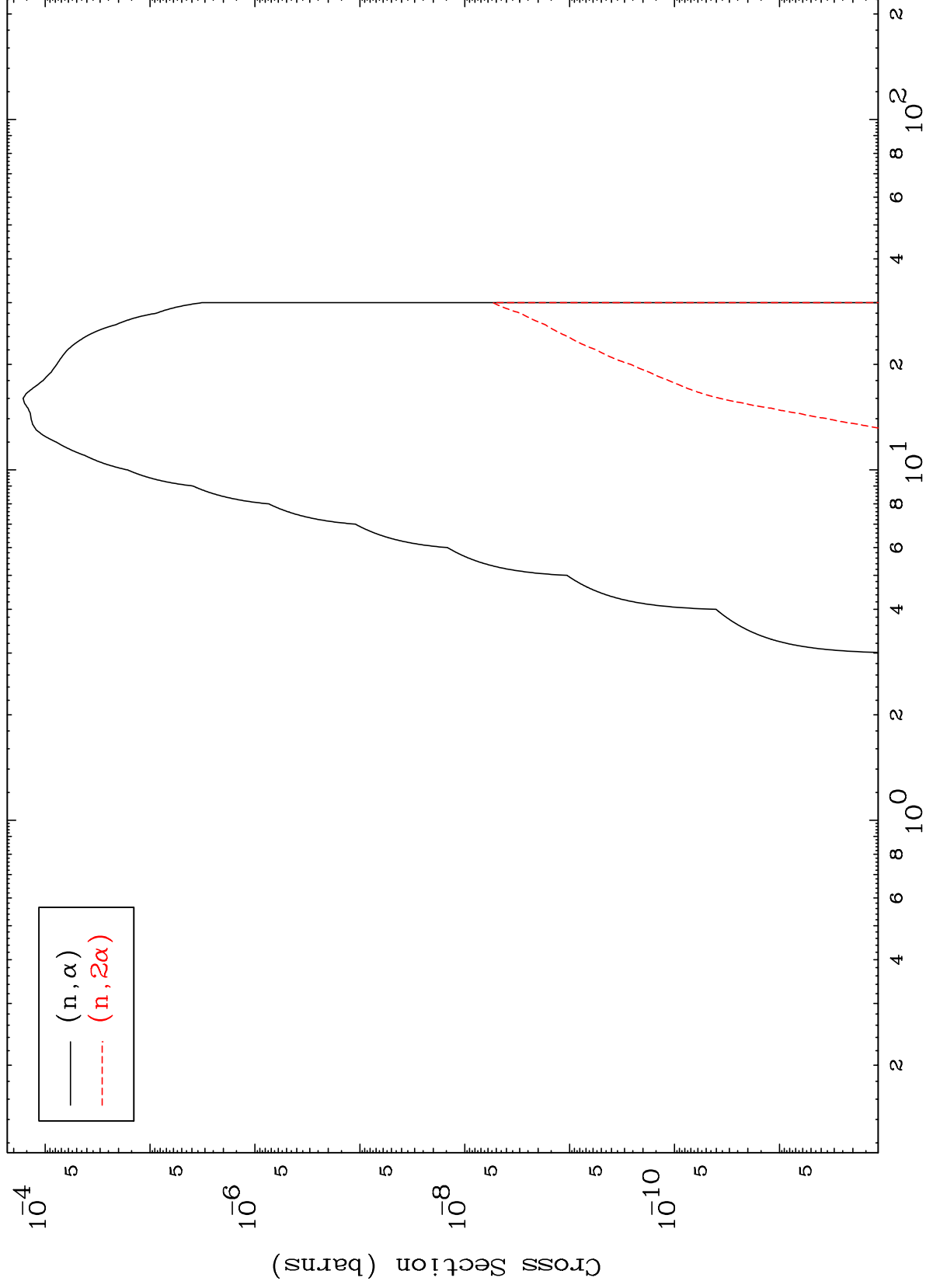
⁷⁹Au-189m

MAT 7902

(γ, α) Levels

$^{79}\text{Au}-189\text{m}$

0 Kelvin Cross Sections



10

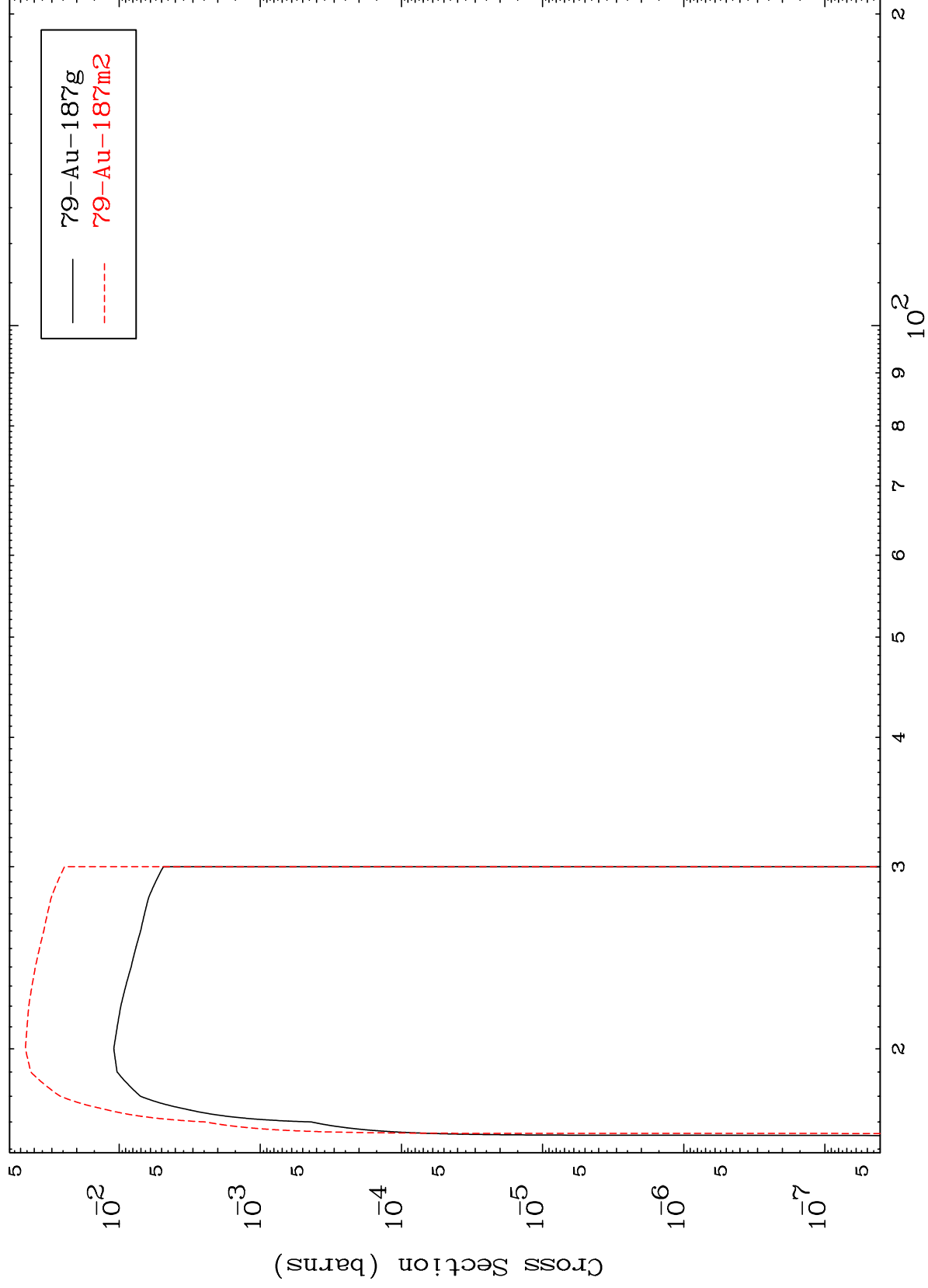
Incident Energy (MeV)

$^{79}\text{Au}-189\text{m}$

MAT 7902

⁷⁹Au-189m

(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

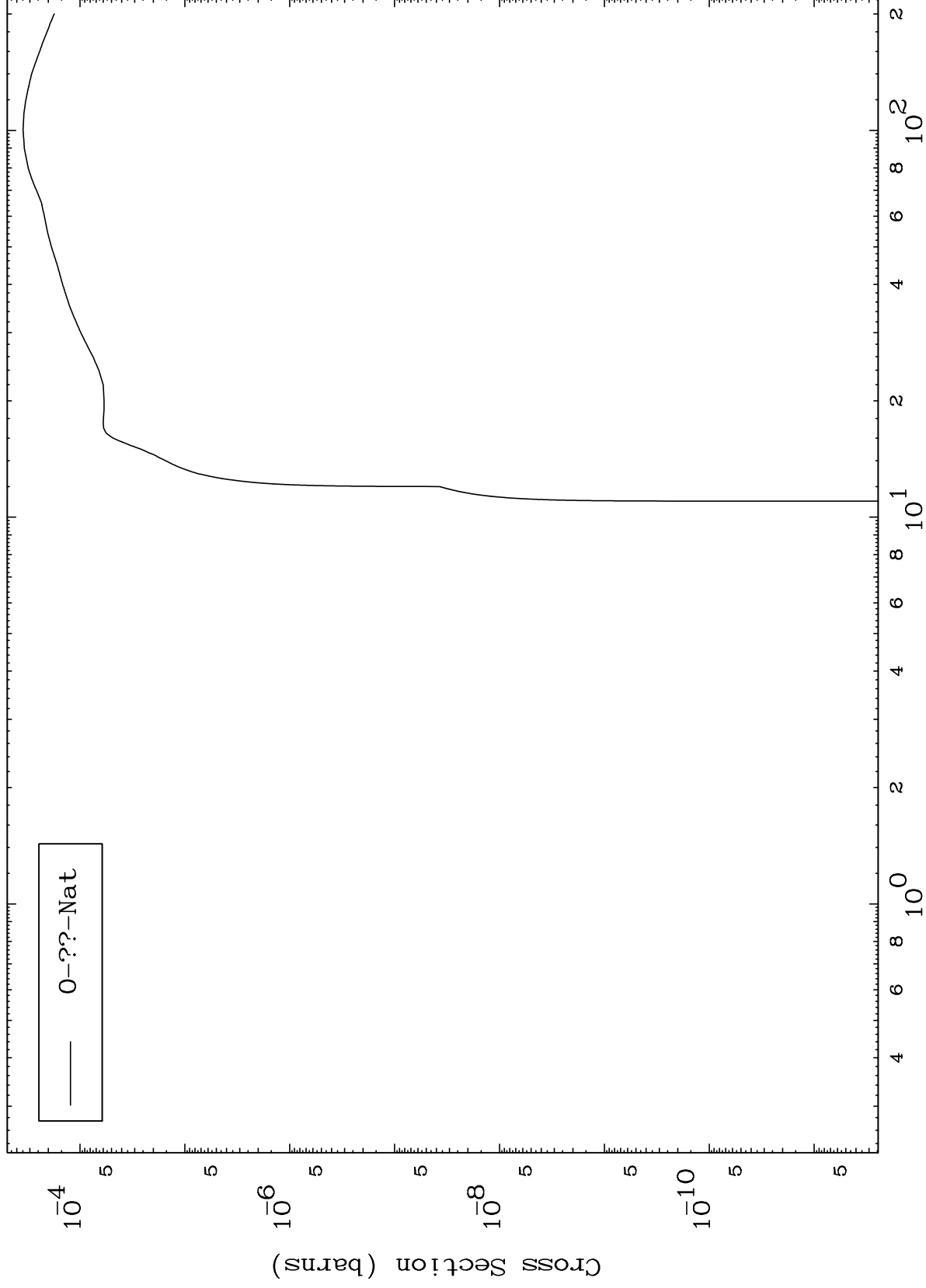
⁷⁹Au-189m

MAT 7902

Fission

⁷⁹Au-189m

Radionuclide Production Cross Section

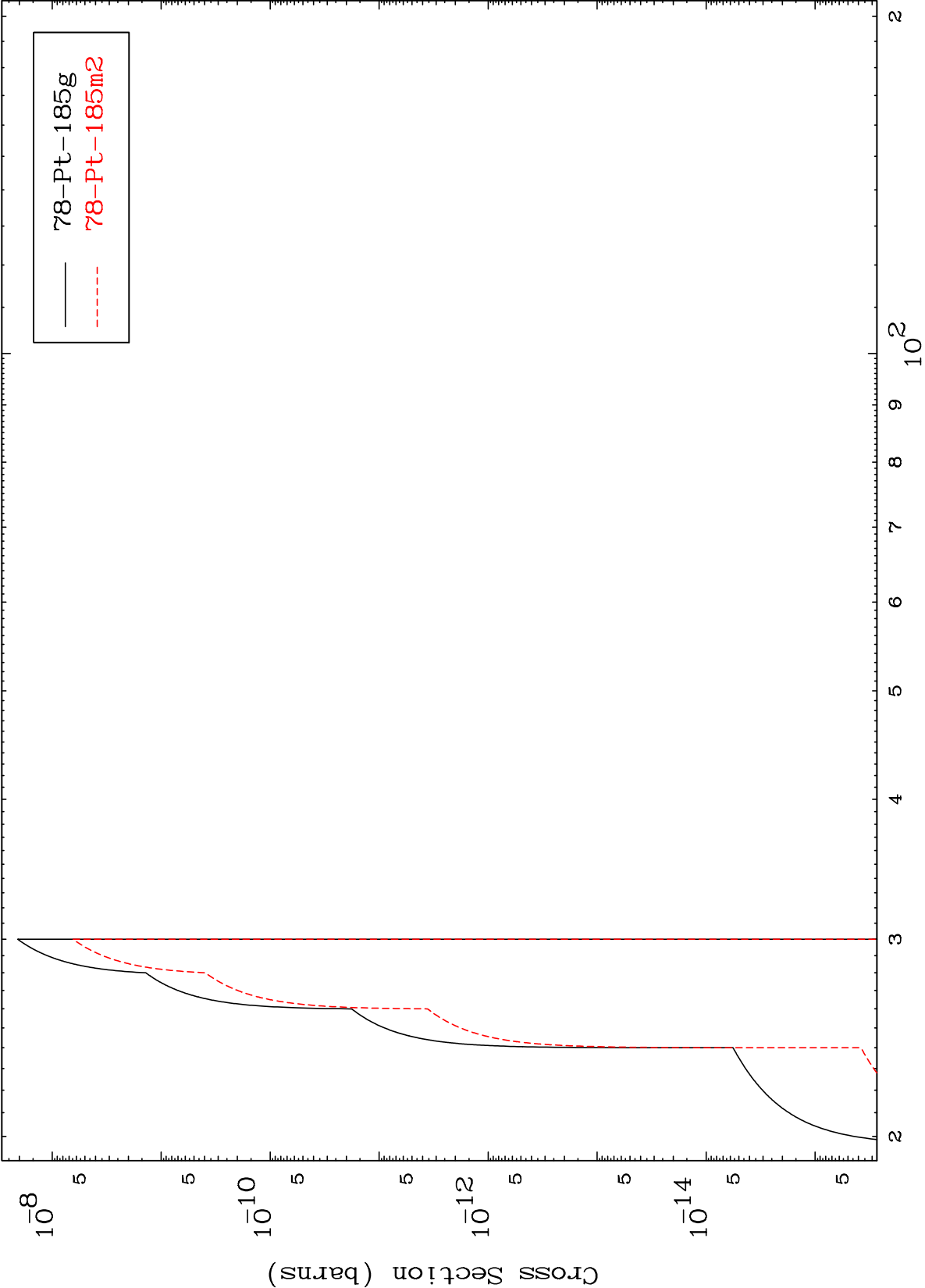


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Incident Energy (MeV)

⁷⁹Au-189m

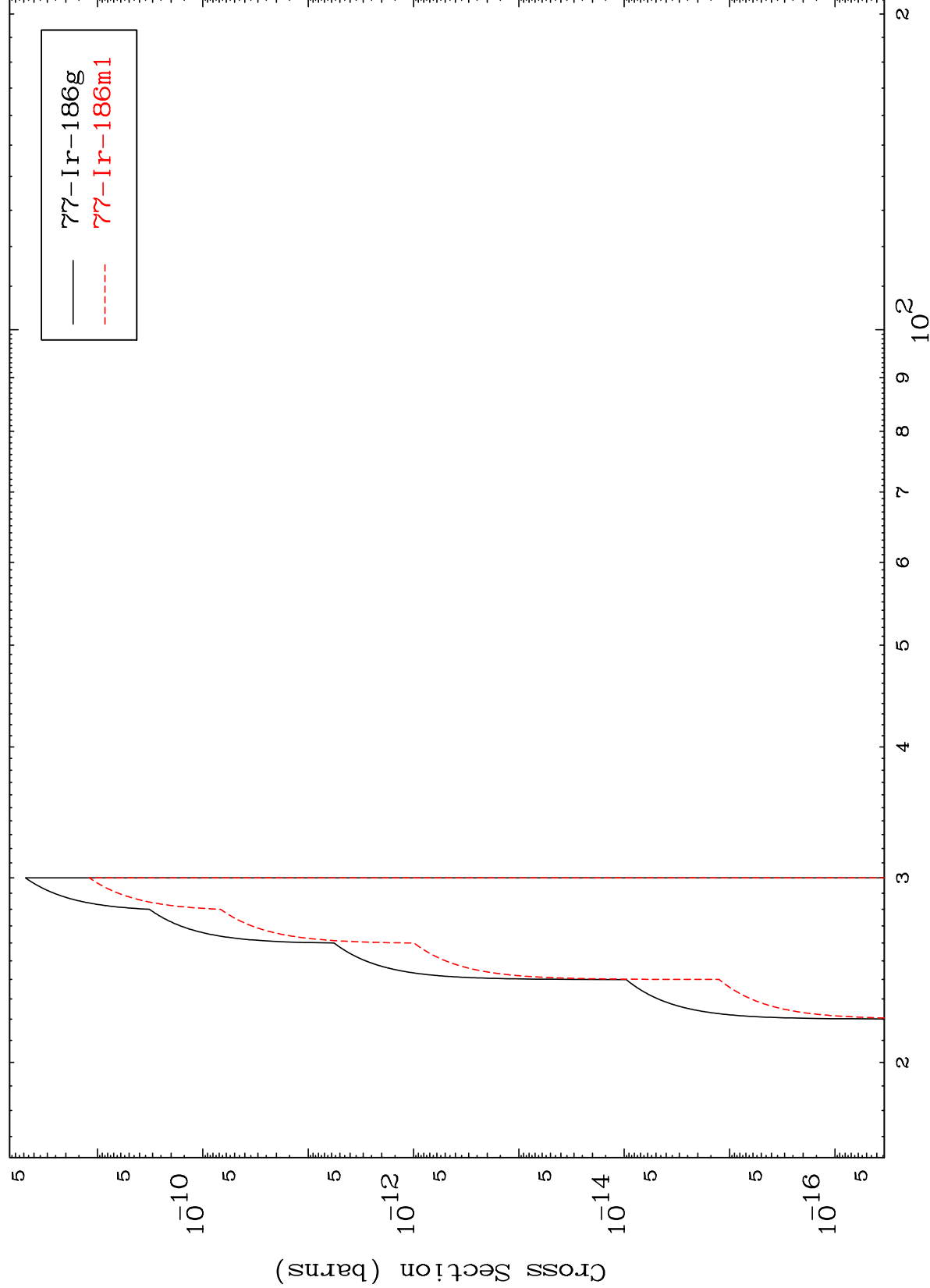
Radionuclide Production Cross Section



MAT 7902

⁷⁹Au-189m

(n,2n) p
Radionuclide Production Cross Section



⁷⁹Au-189m

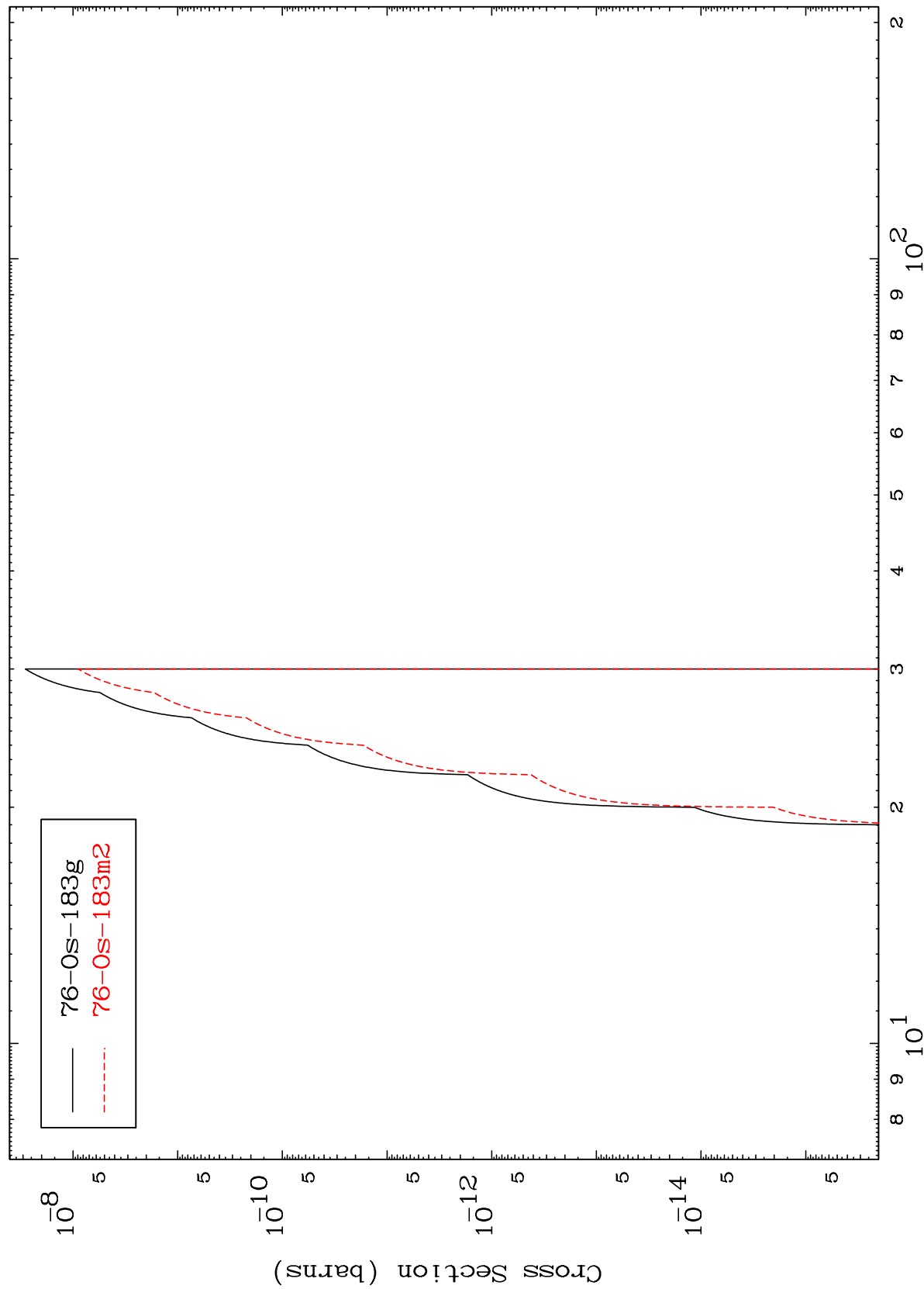
Incident Energy (MeV)

14

MAT 7902

$^{79}\text{Au-189m}$

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



$^{79}\text{Au-189m}$

Incident Energy (MeV)

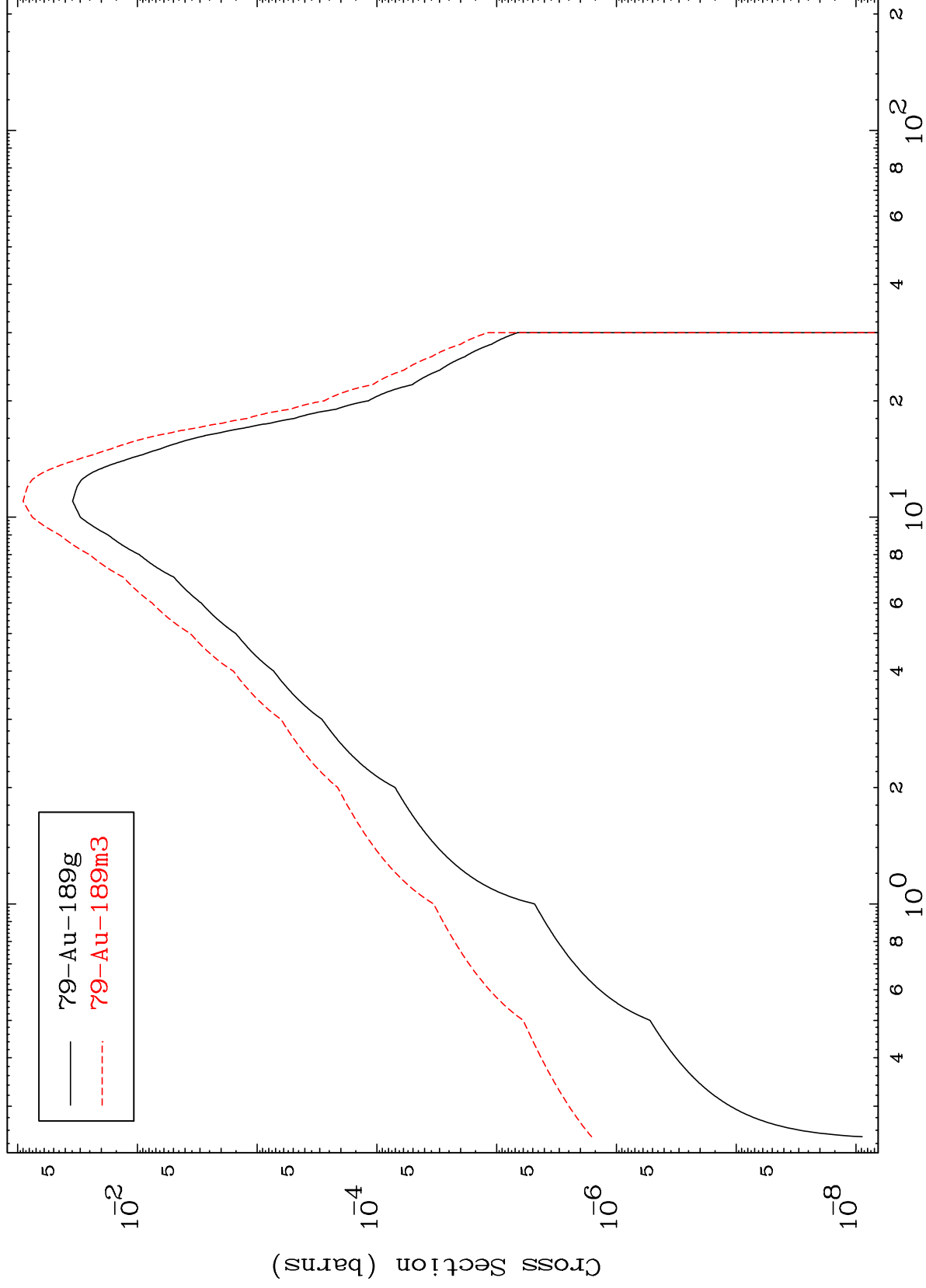
15

MAT 7902

79-Au-189m

Radionuclide Production Cross Section

(n, γ)



Incident Energy (MeV)

79-Au-189m

16