

Program EVALPLOT
(Version 2021-1)

by

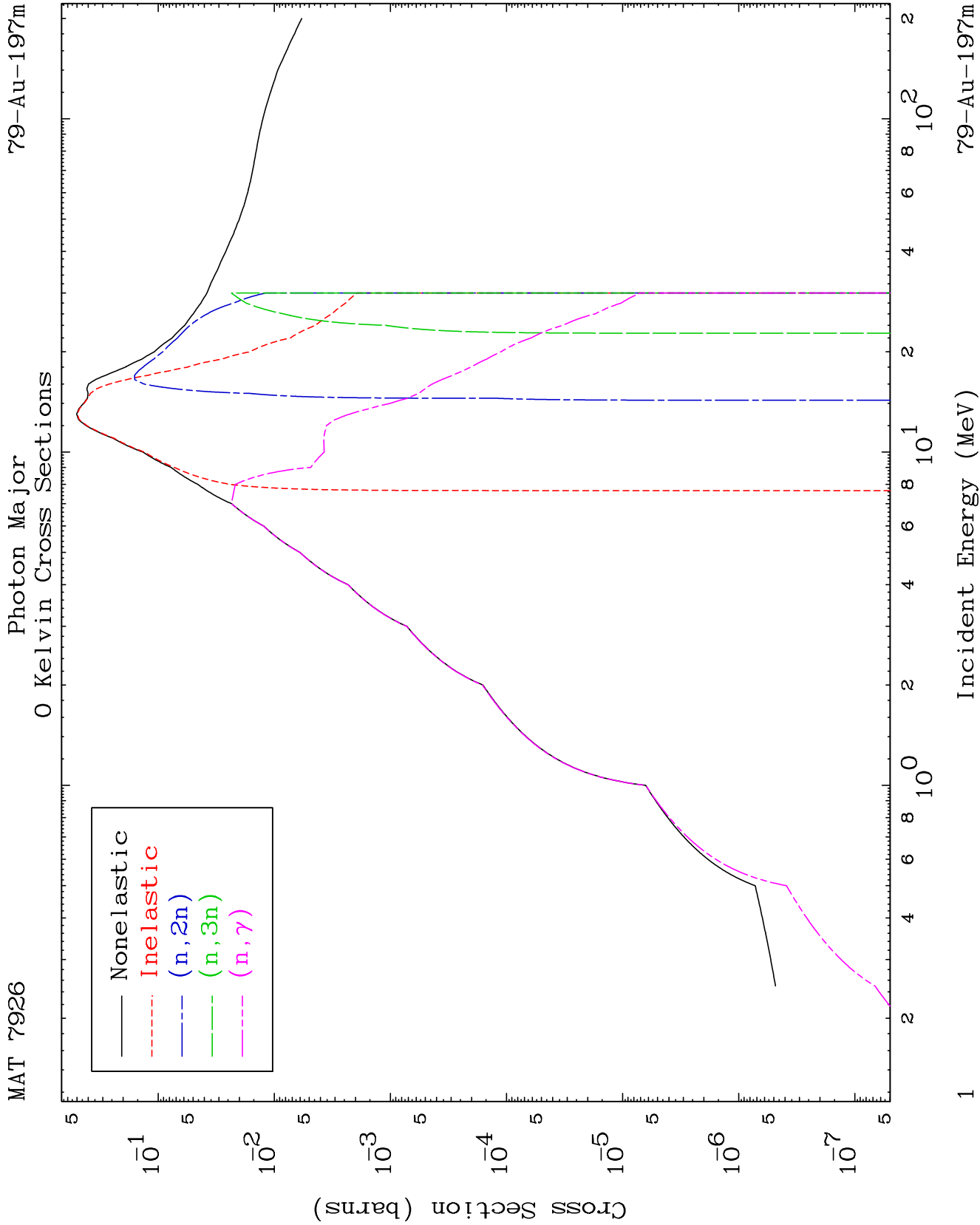
Dermott E. Cullen
(Present Contact Information)

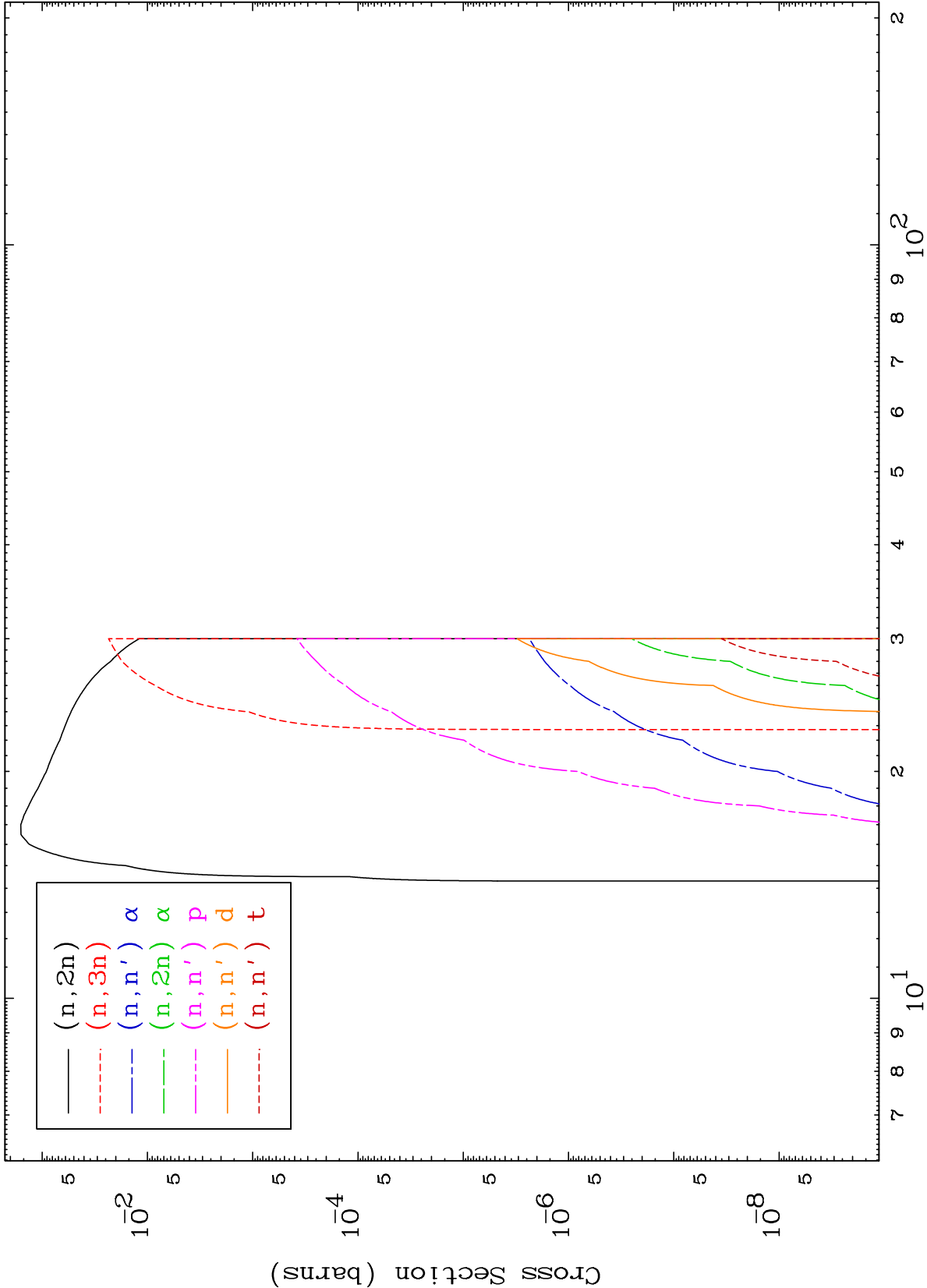
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

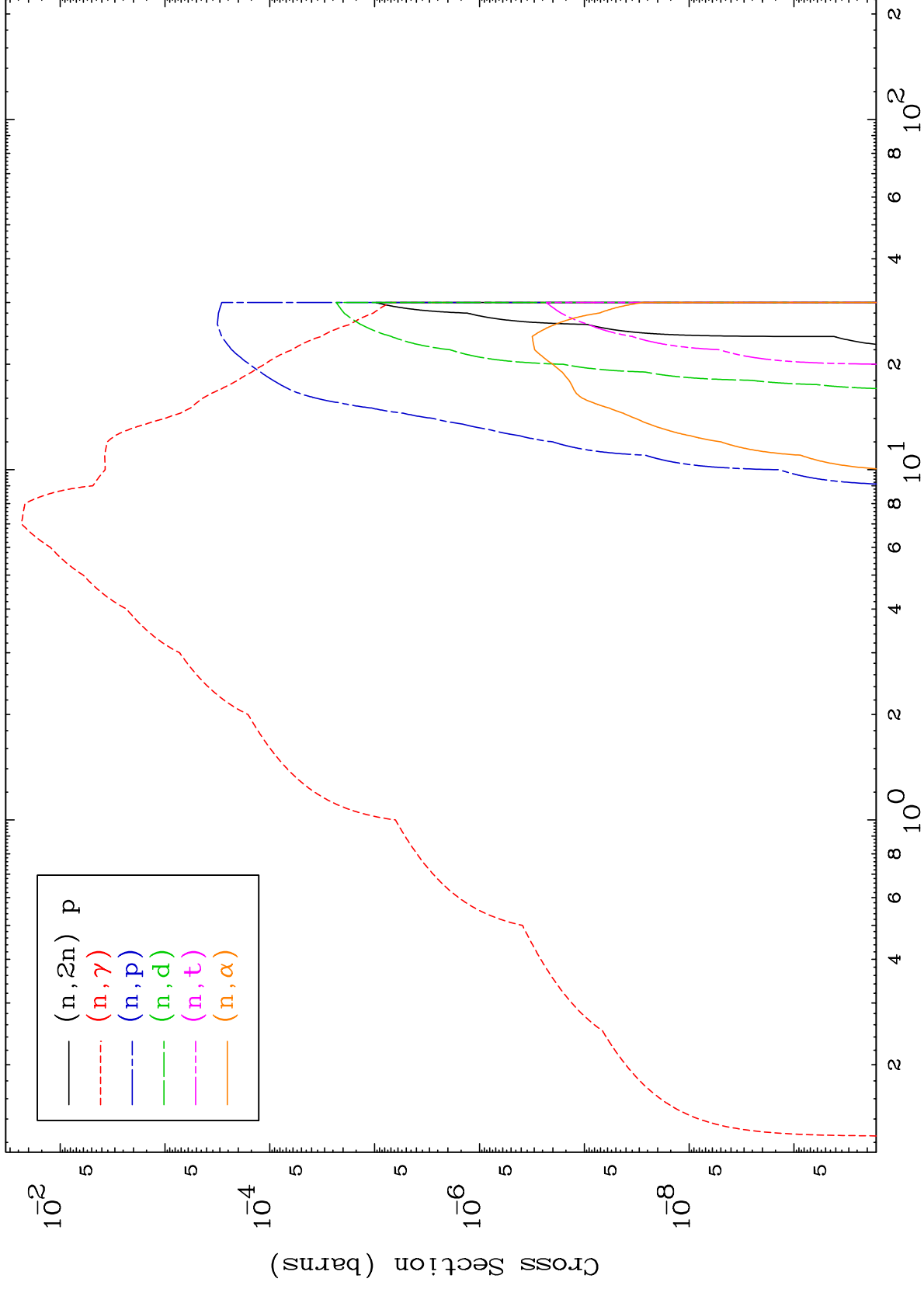
Tele: 925-443-1911

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

Press Mouse Button to Start



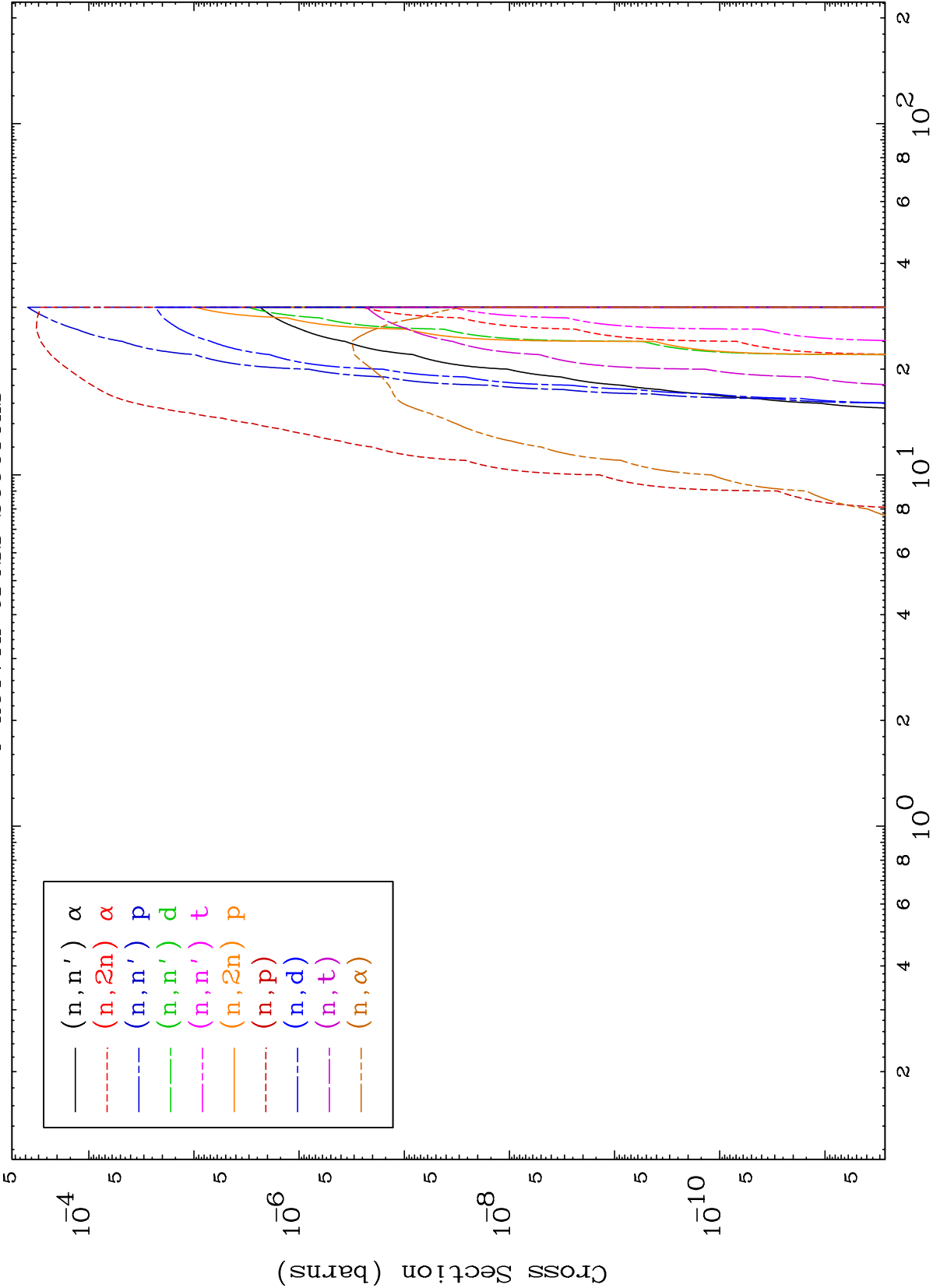




MAT 7926

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-197m

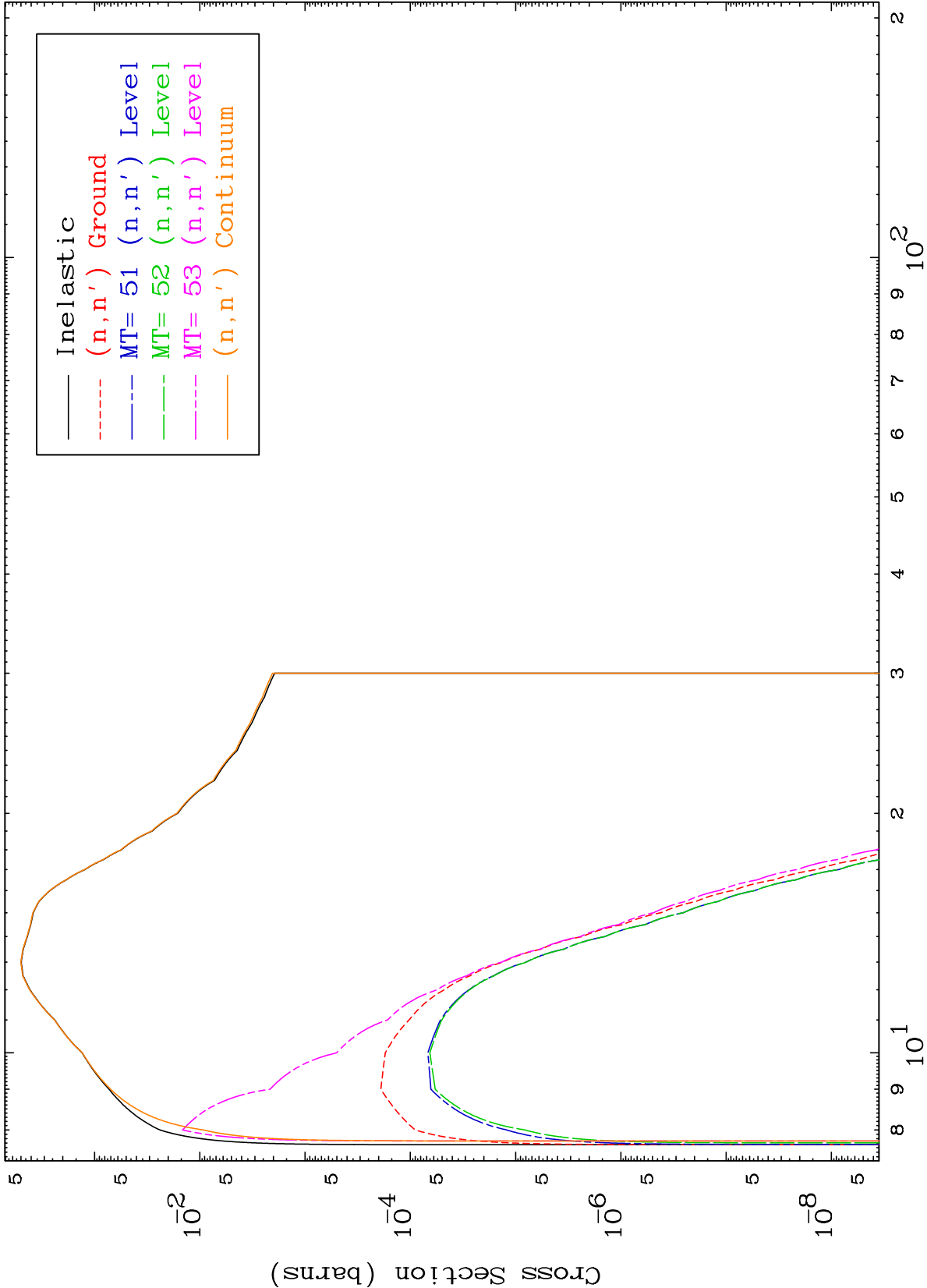


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(γ, n') Levels

$^{79}\text{Au}-^{197}\text{m}$

0 Kelvin Cross Sections



5

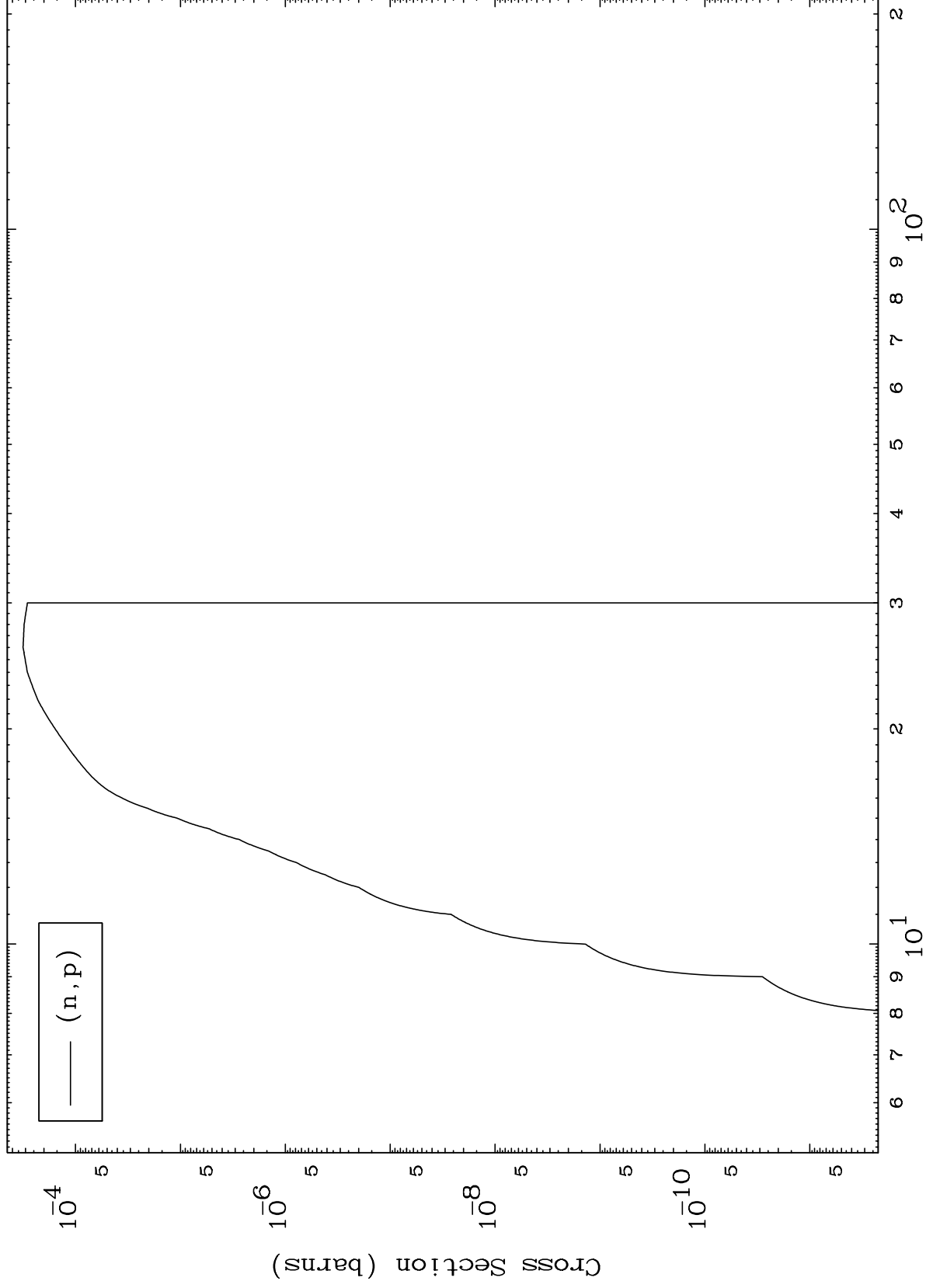
Incident Energy (MeV)

$^{79}\text{Au}-^{197}\text{m}$

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79-Au-197m

(γ, p) Levels
0 Kelvin Cross Sections



79-Au-197m

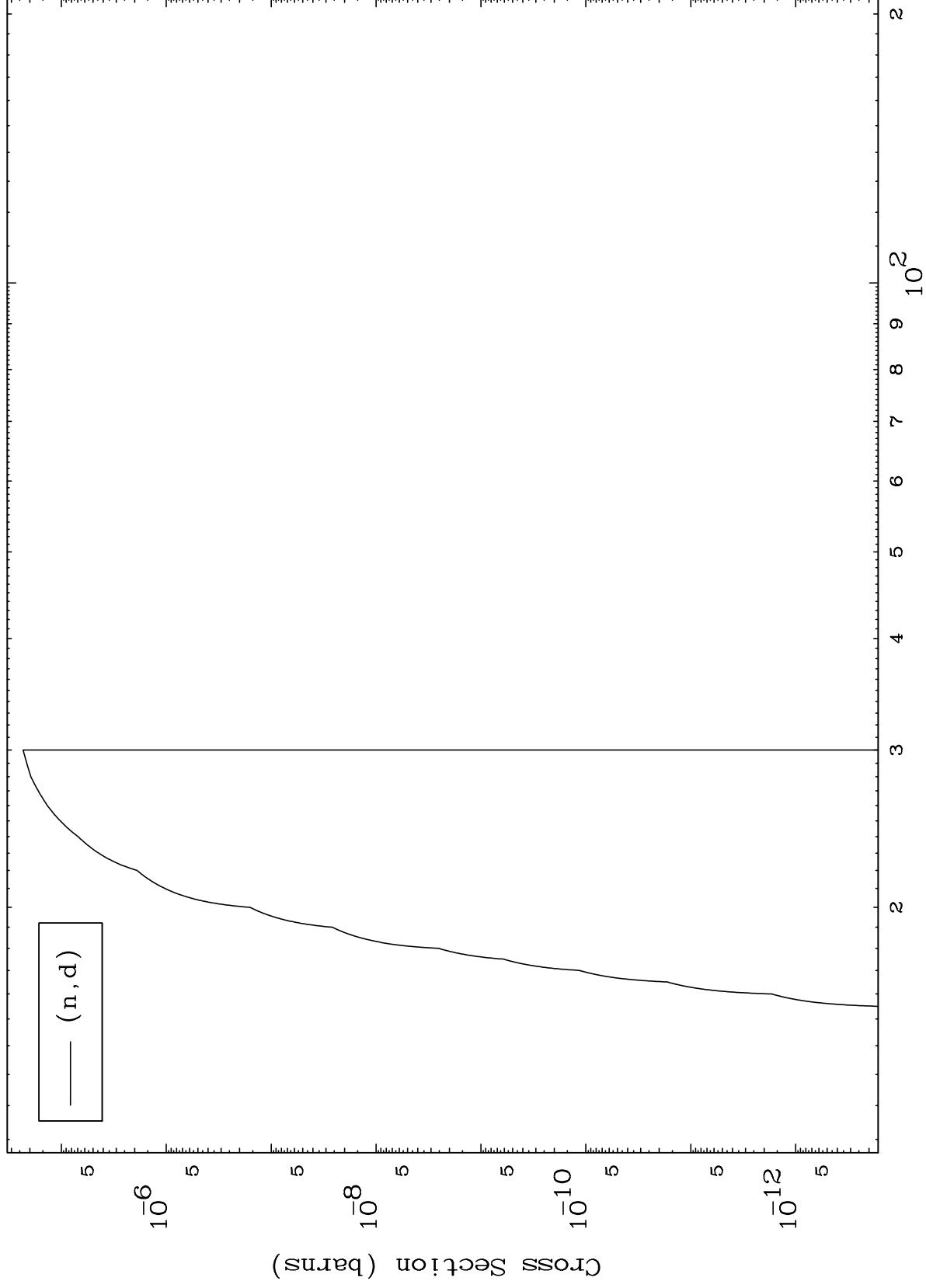
Incident Energy (MeV)

6

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79-Au-197m

(γ, d) Levels
0 Kelvin Cross Sections

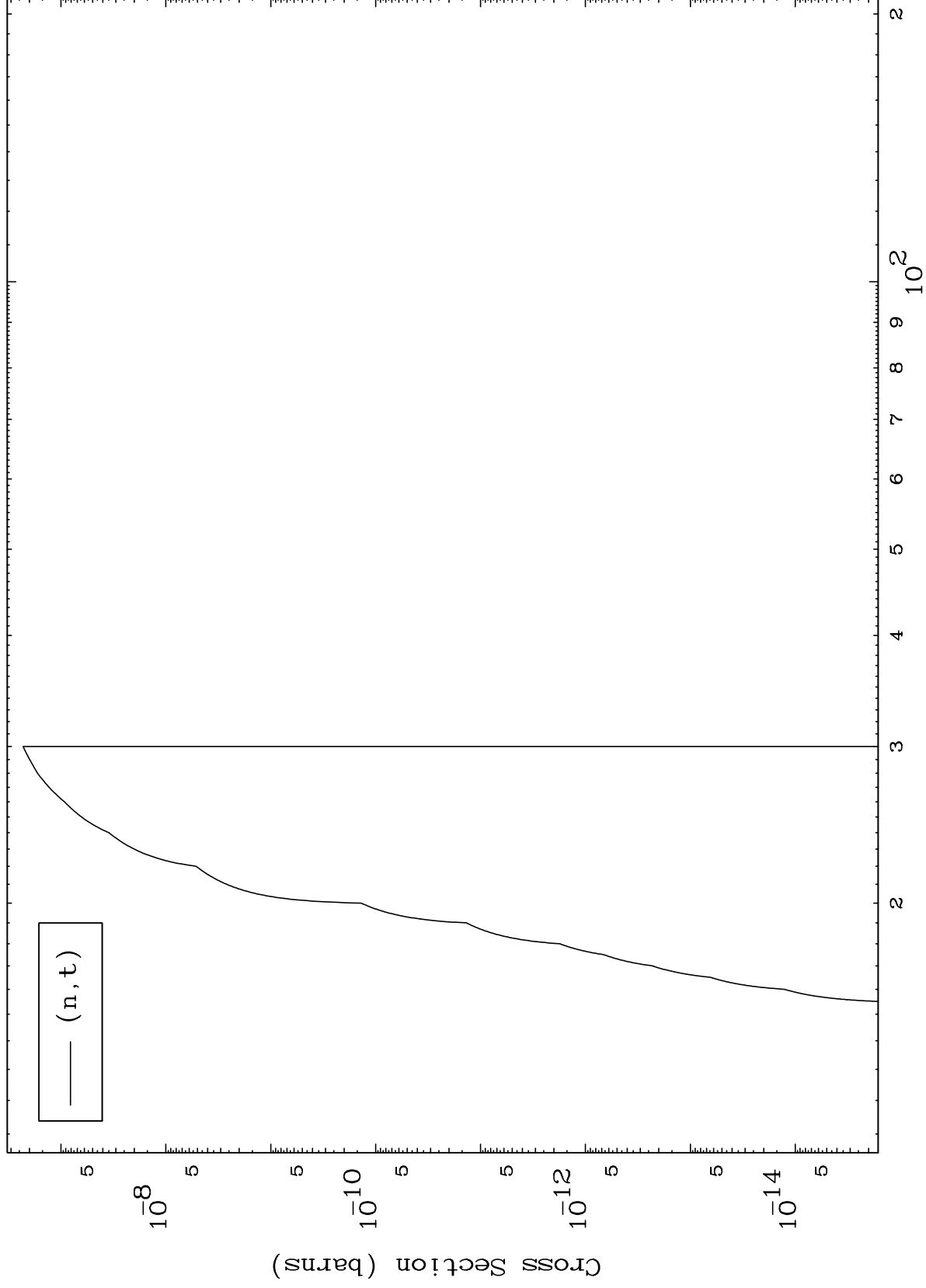


79-Au-197m

Incident Energy (MeV)

7

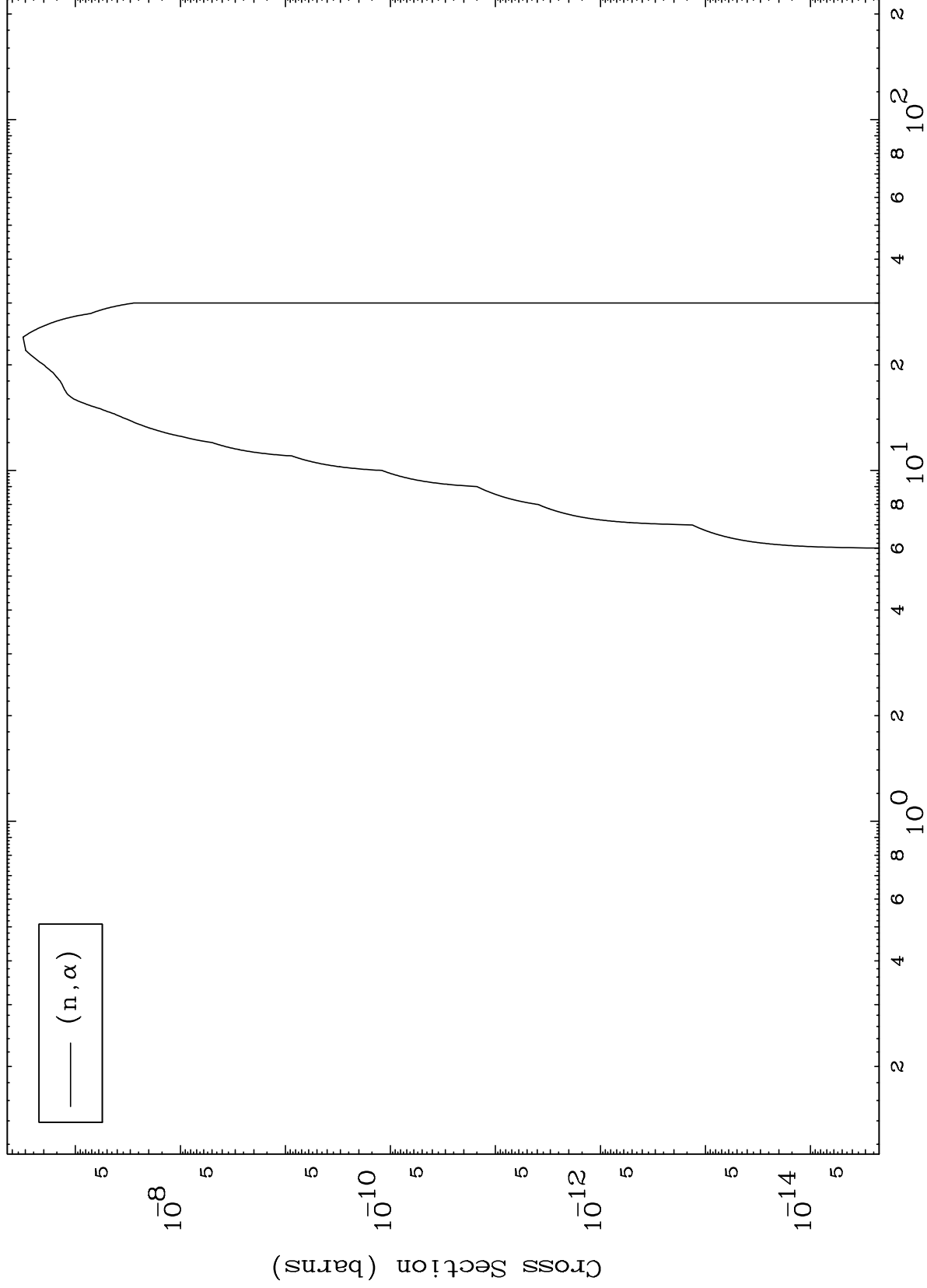
(γ, t) Levels
0 Kelvin Cross Sections

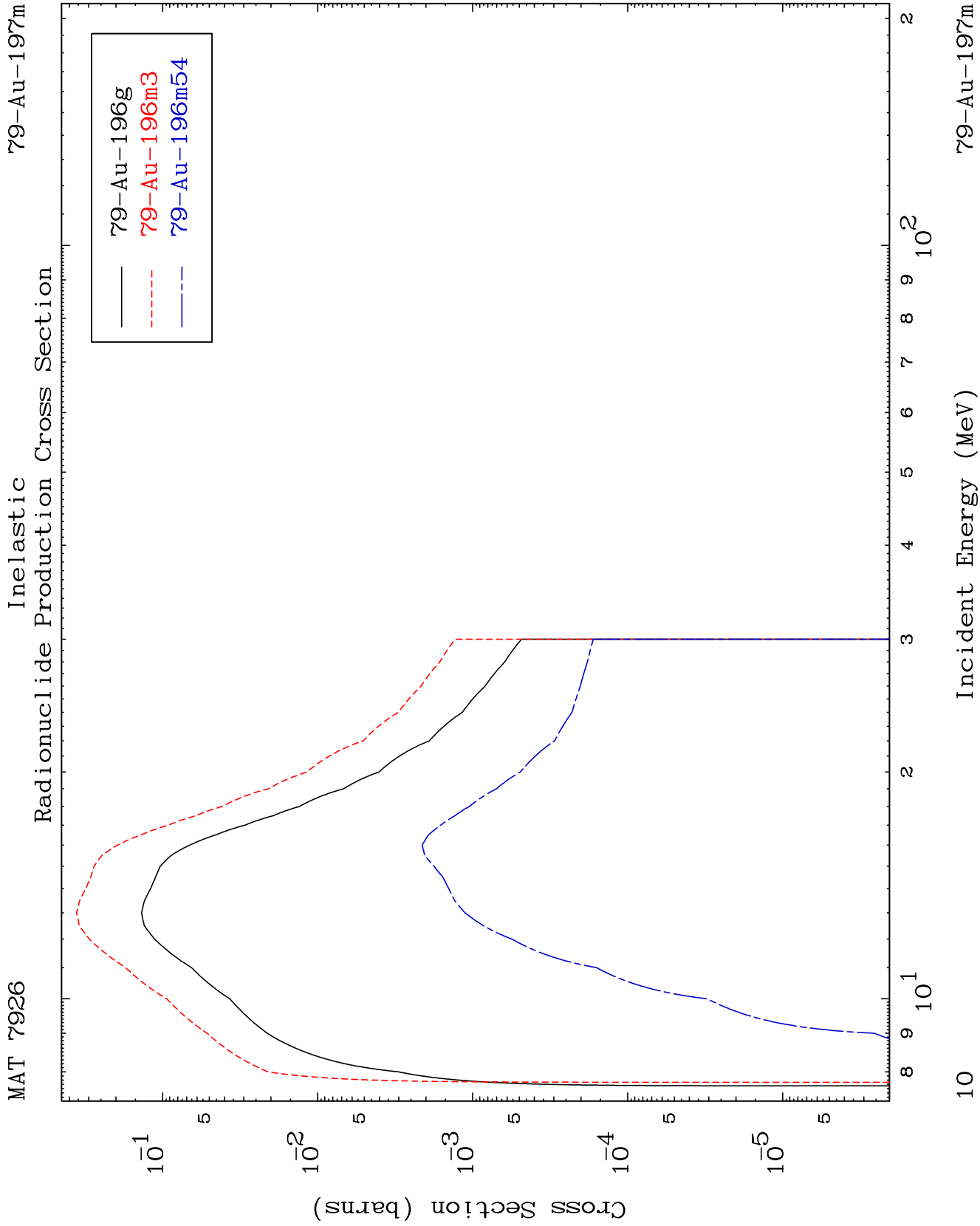


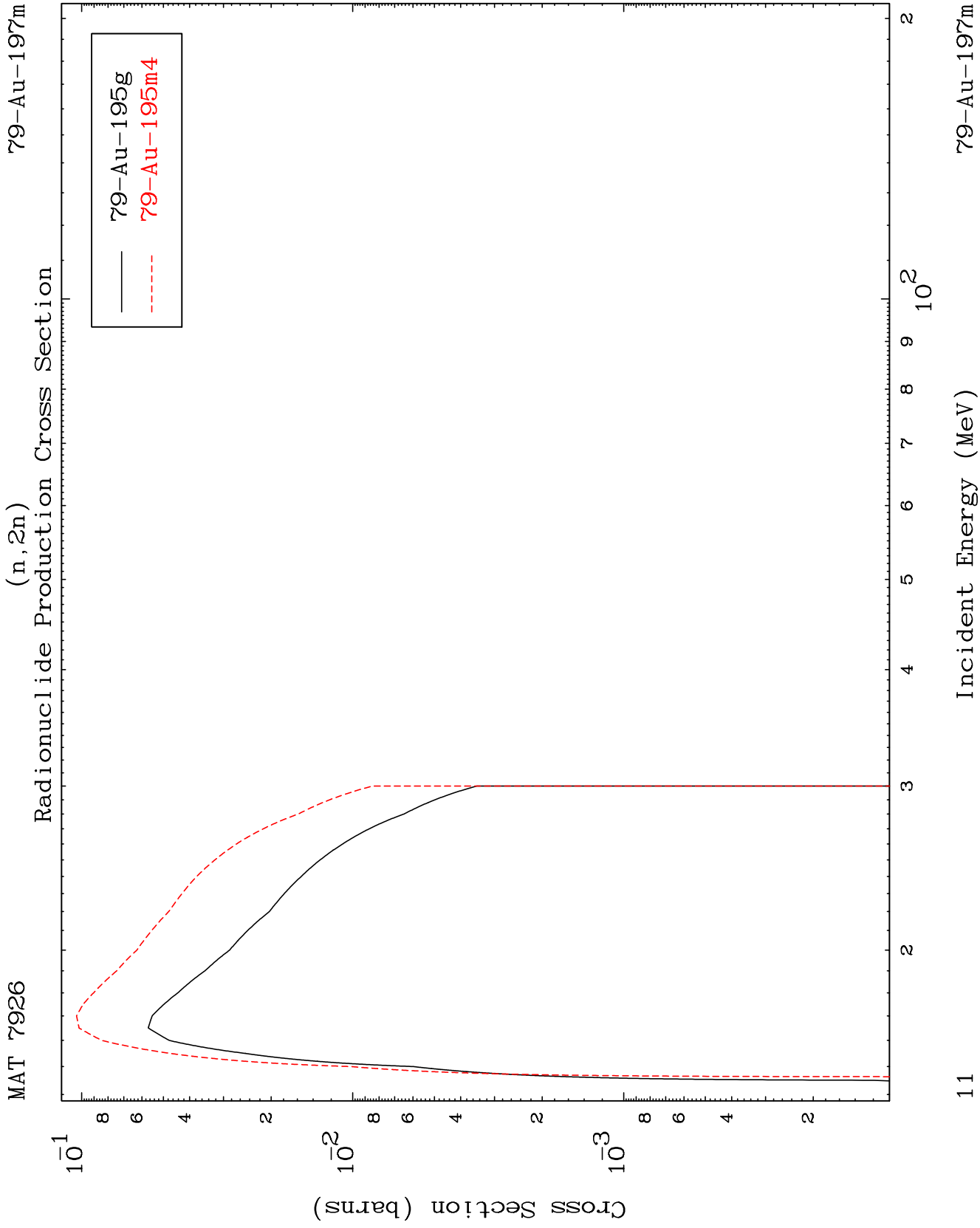
MAT 7926

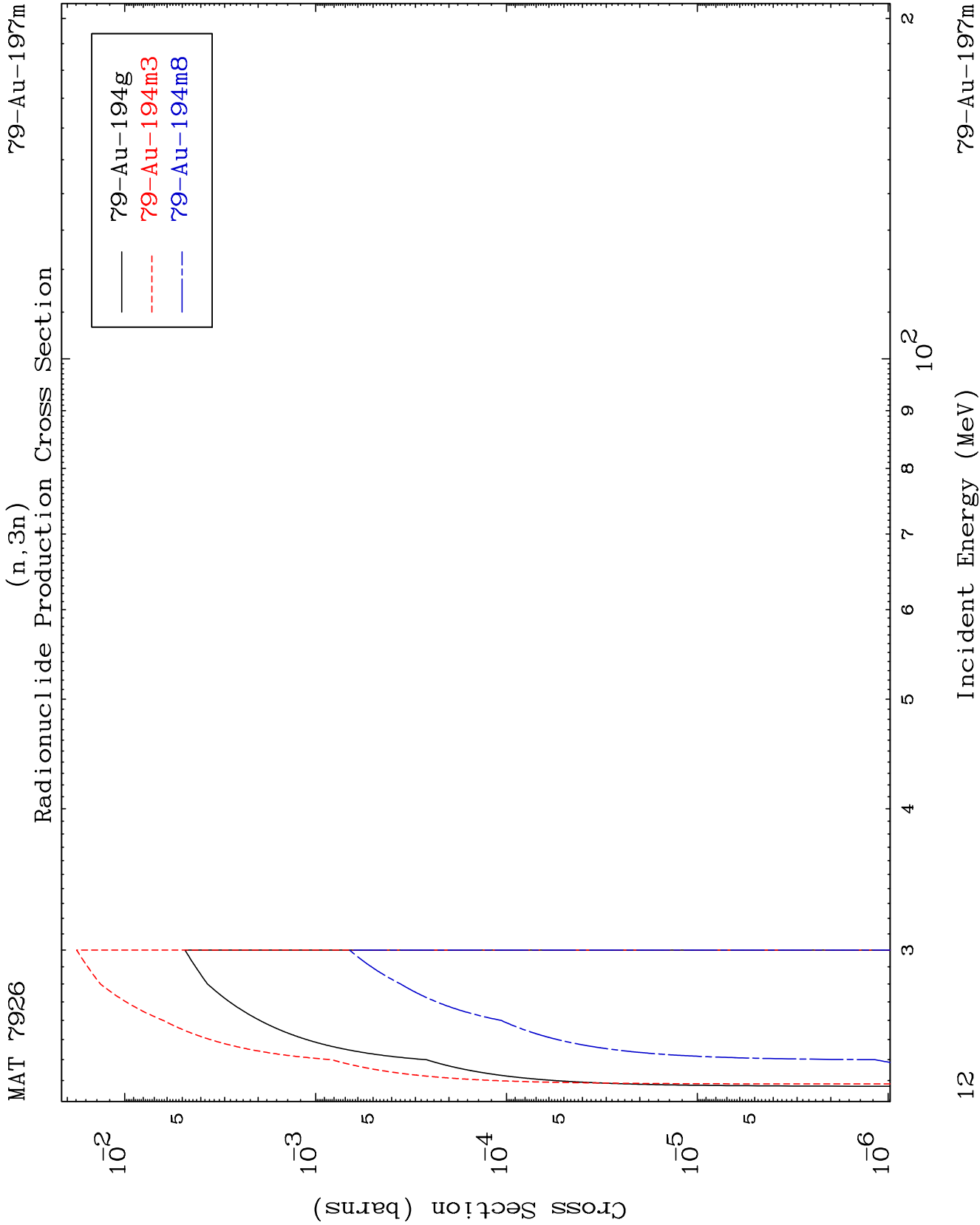
79-Au-197m

(γ, α) Levels
0 Kelvin Cross Sections







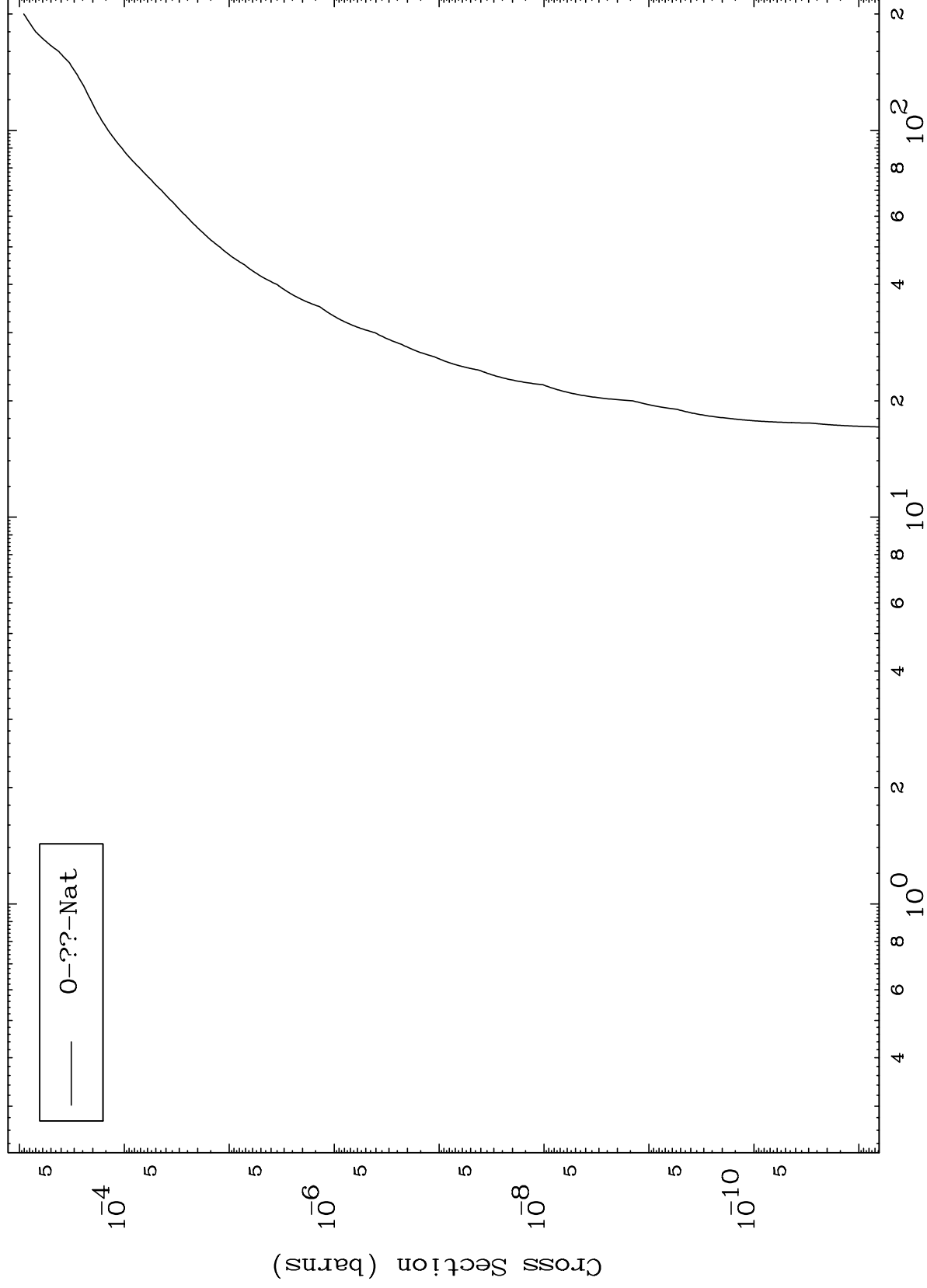


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Fission

⁷⁹Au-197m

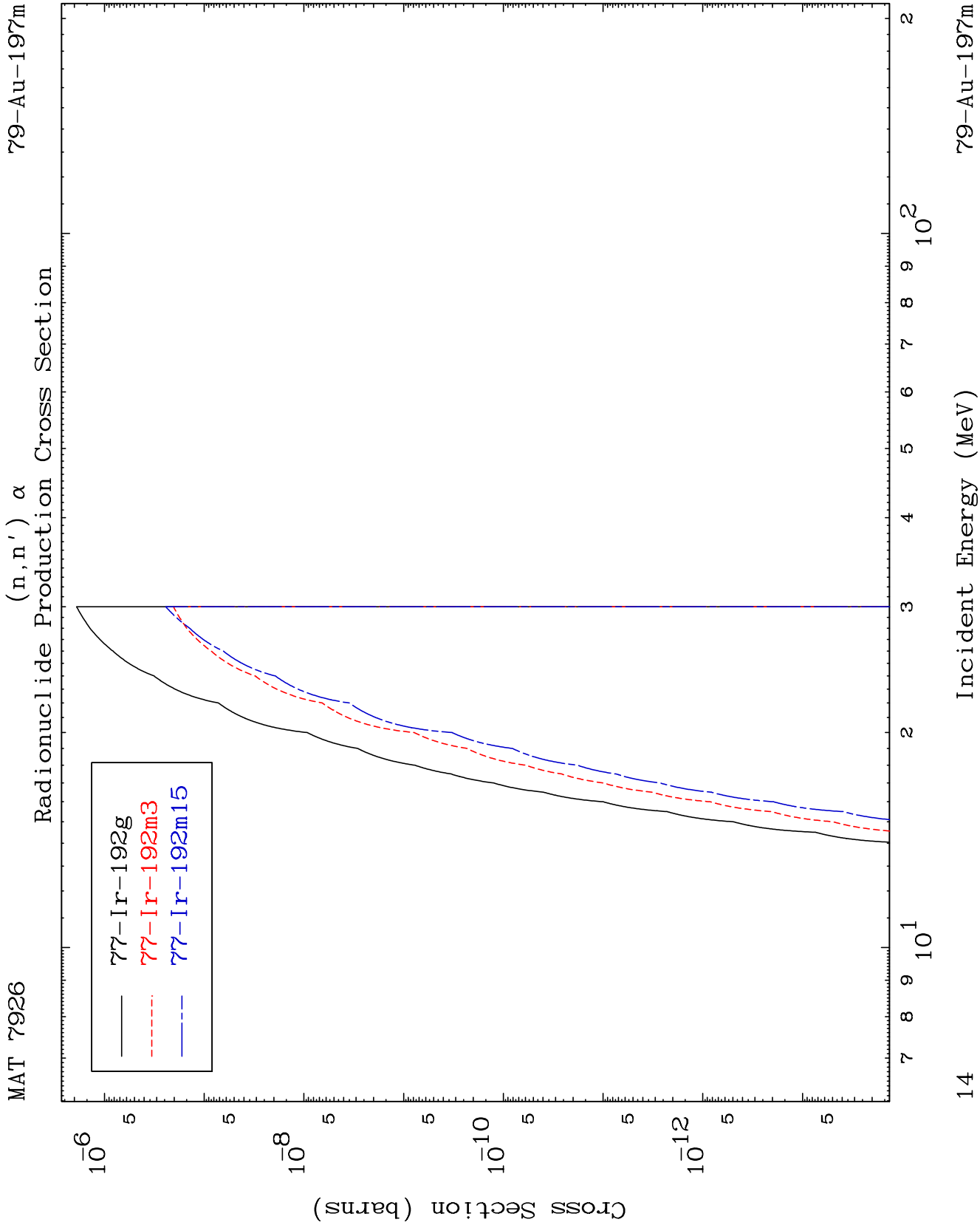
Radionuclide Production Cross Section



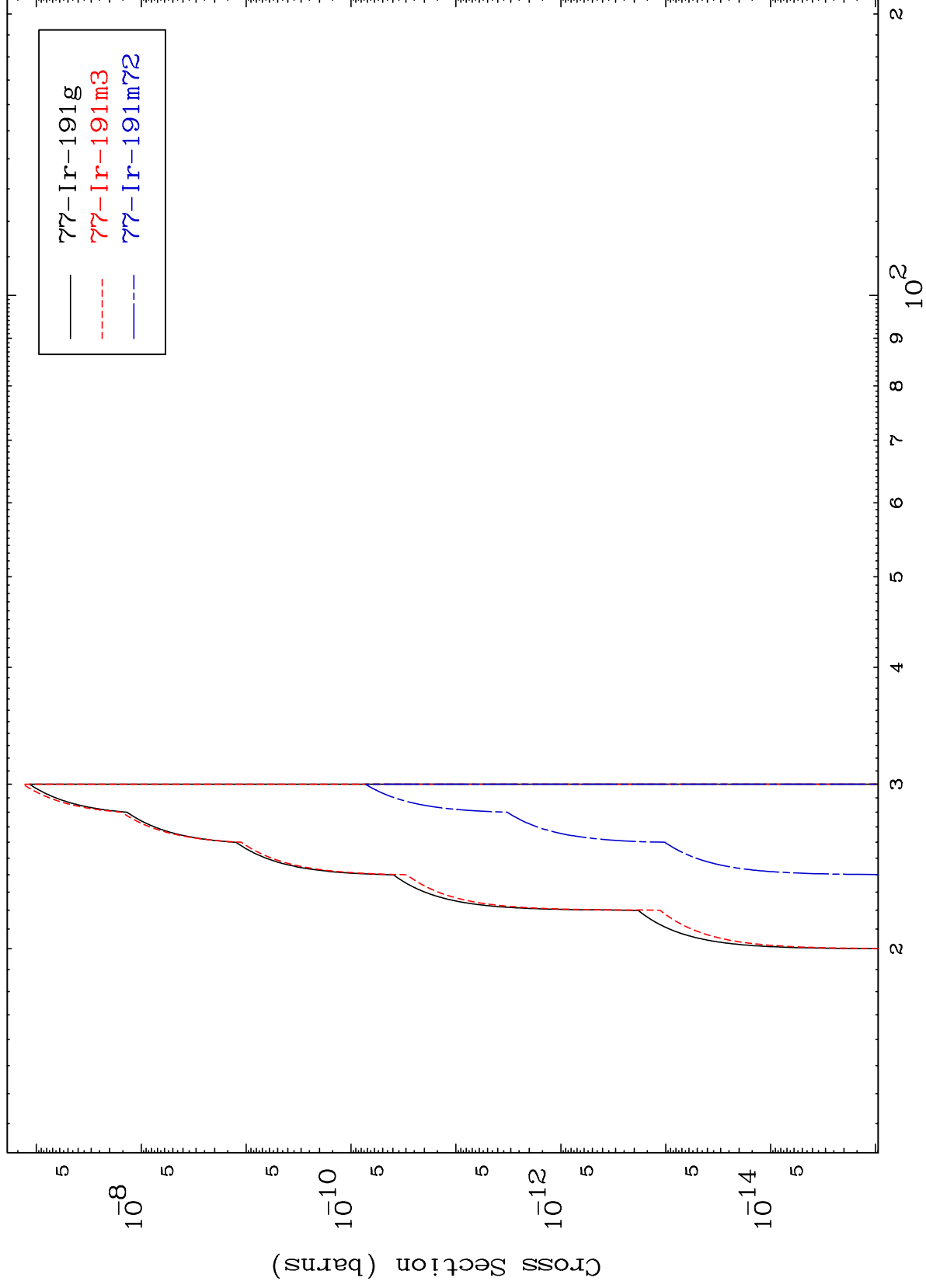
13

Incident Energy (MeV)

⁷⁹Au-197m



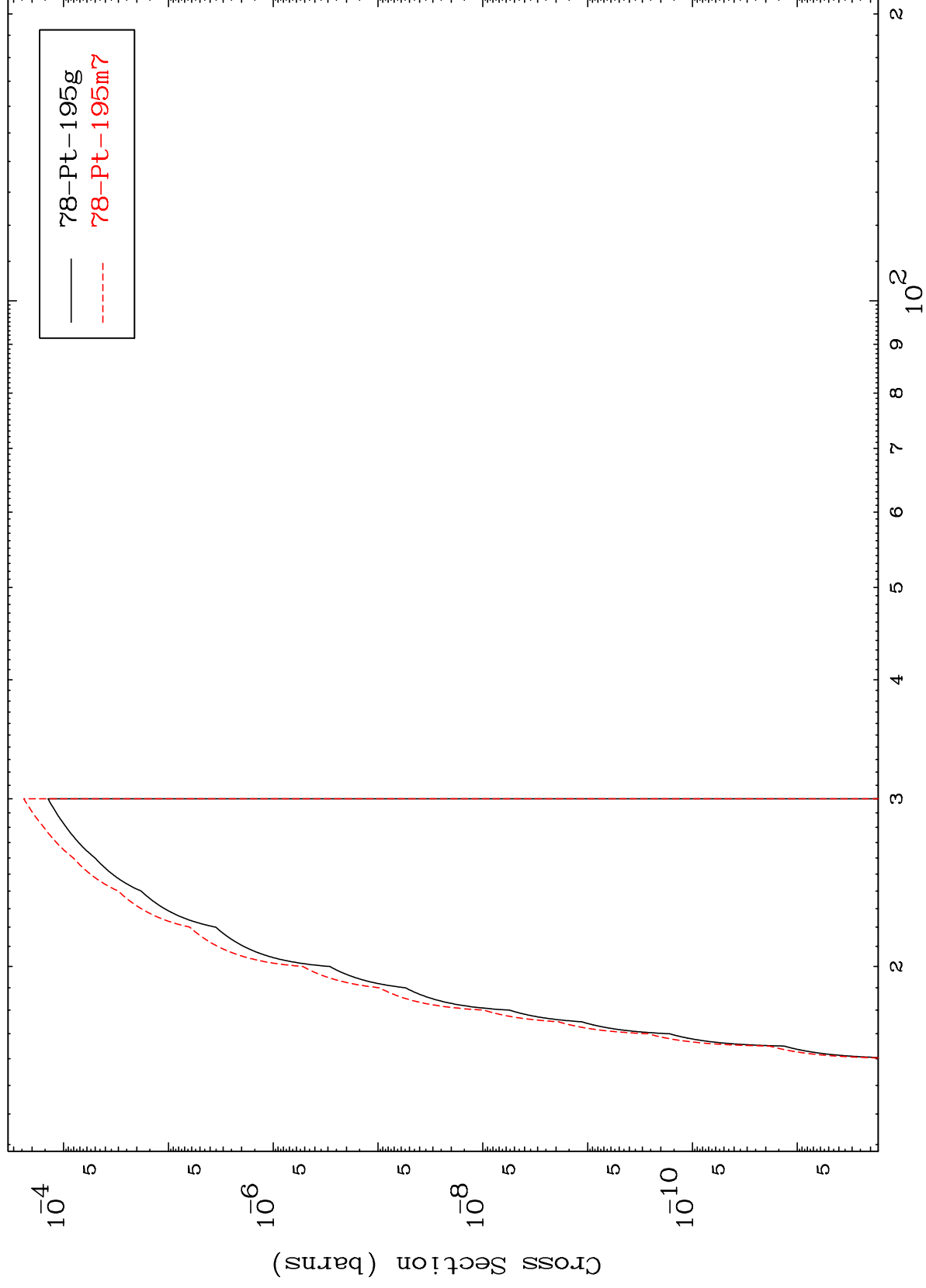
Radionuclide Production Cross Section



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⁷⁹Au-197m

(n,n') p
Radionuclide Production Cross Section



⁷⁹Au-197m

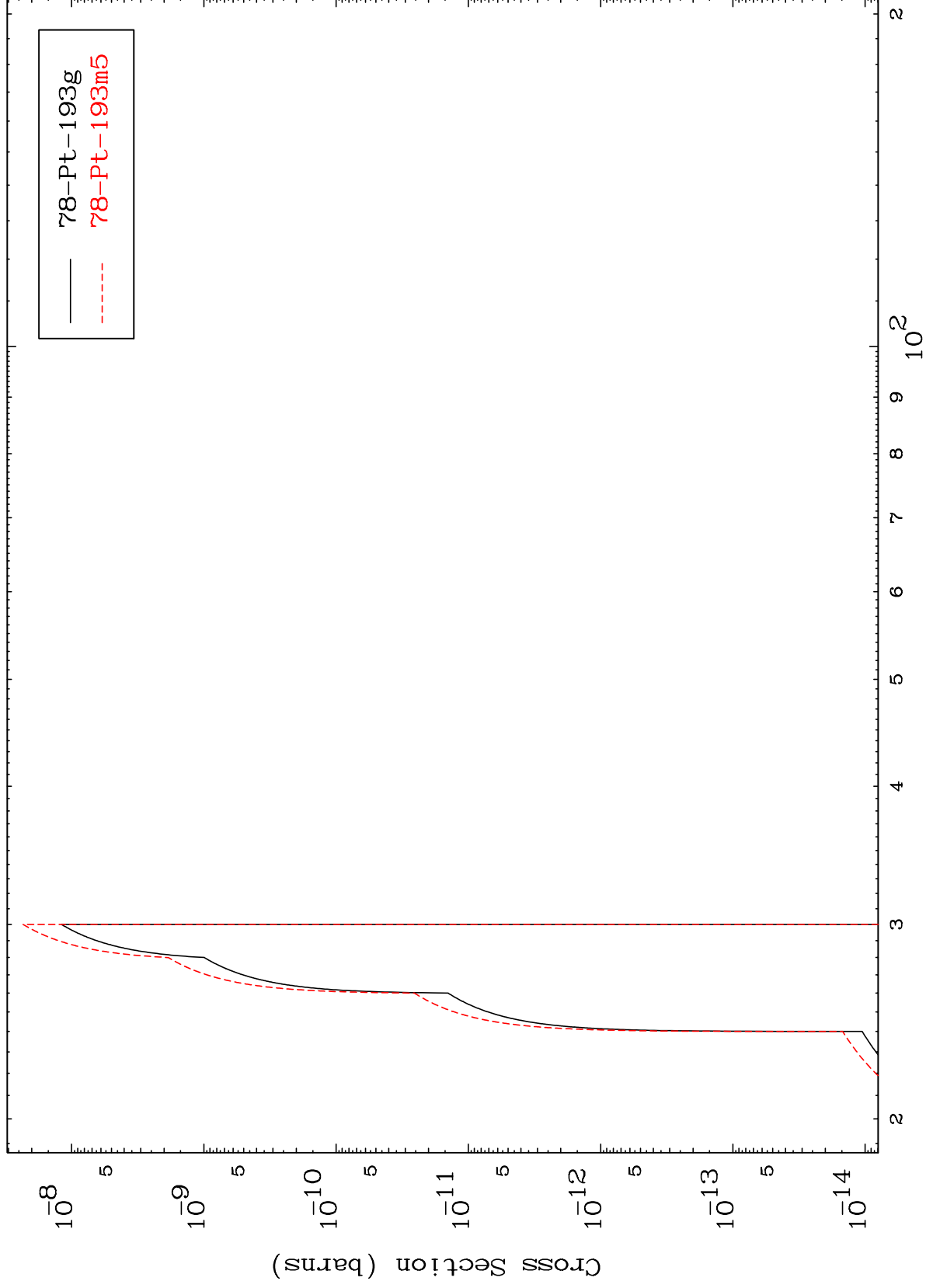
Incident Energy (MeV)

16

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⁷⁹Au-197m

(n,n') t
Radionuclide Production Cross Section



17

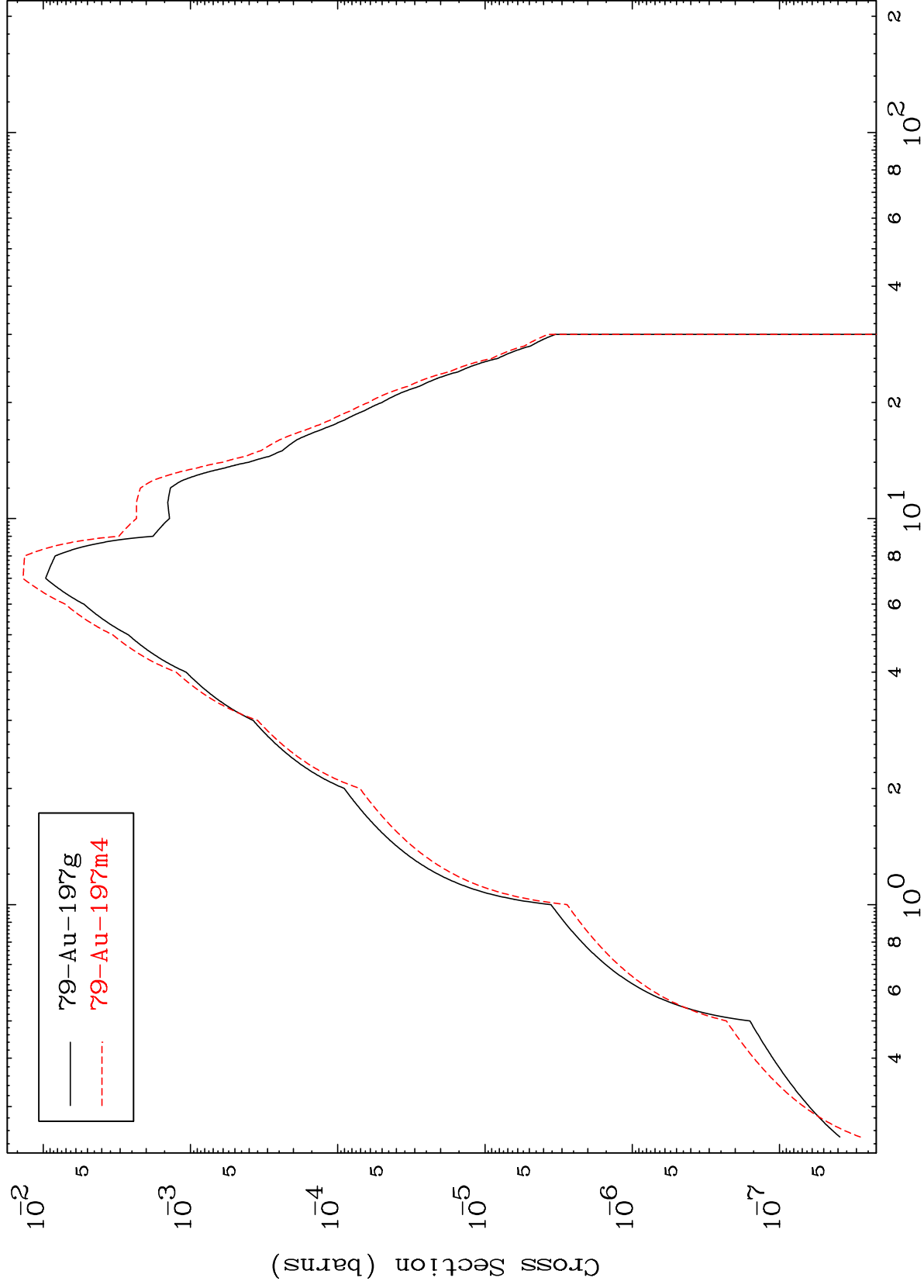
Incident Energy (MeV)

⁷⁹Au-197m

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$^{79}\text{Au-197m}$

Radionuclide Production Cross Section

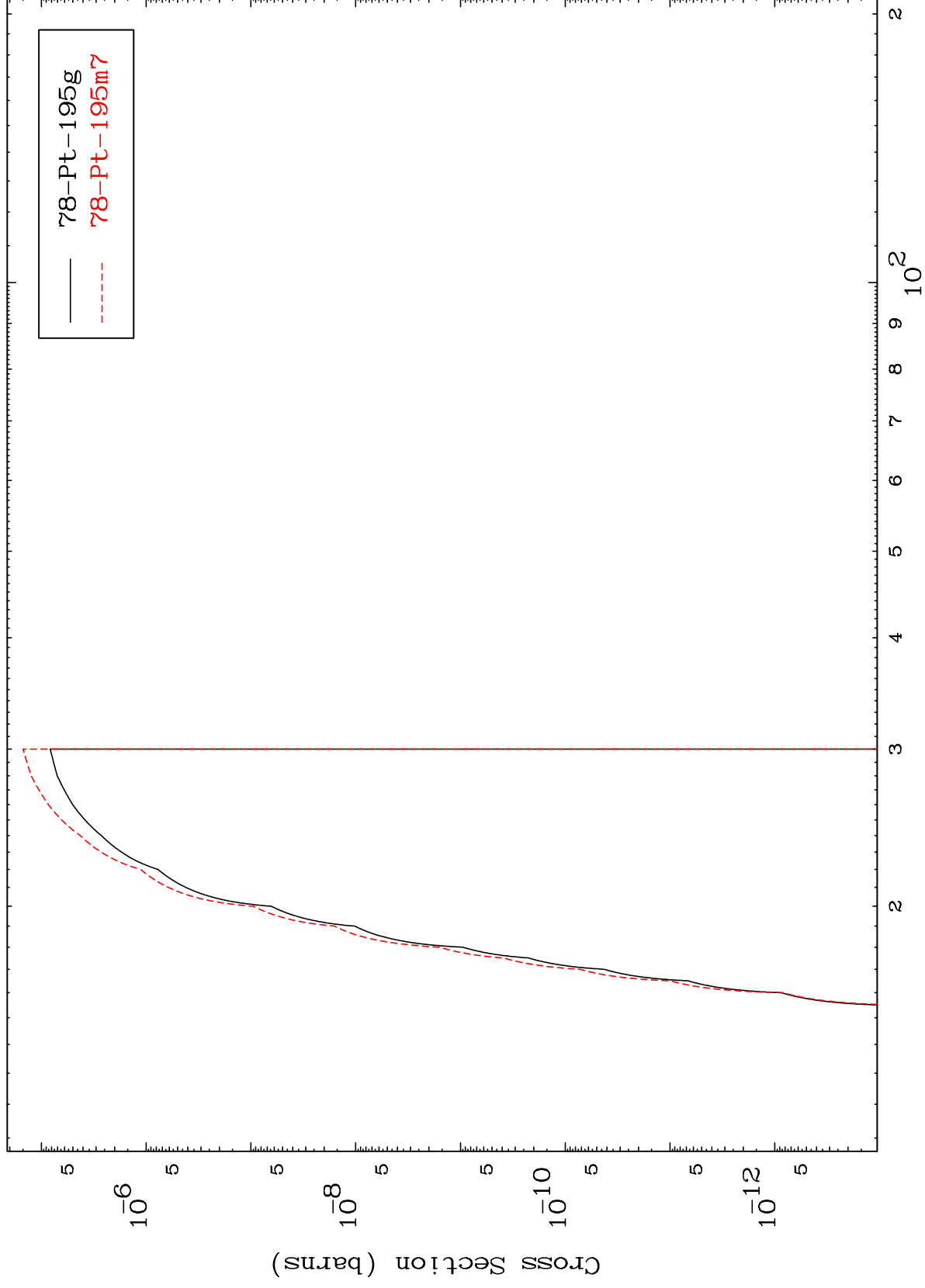


18

Incident Energy (MeV)

$^{79}\text{Au-197m}$

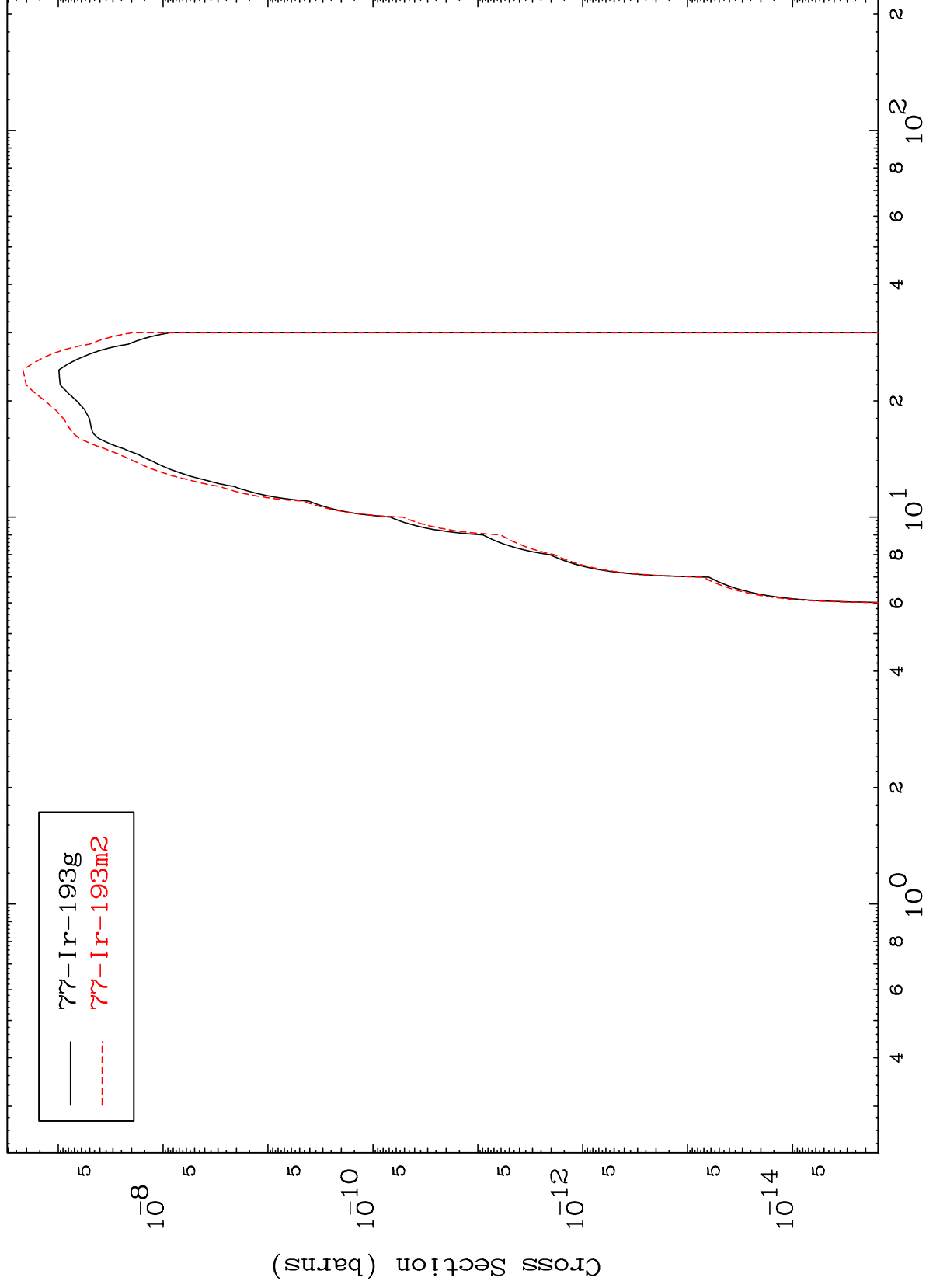
(n,d)
Radionuclide Production Cross Section



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$^{79}\text{Au}-197\text{m}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

$^{79}\text{Au}-197\text{m}$