

Program EVALPLOT
(Version 2021-1)

by

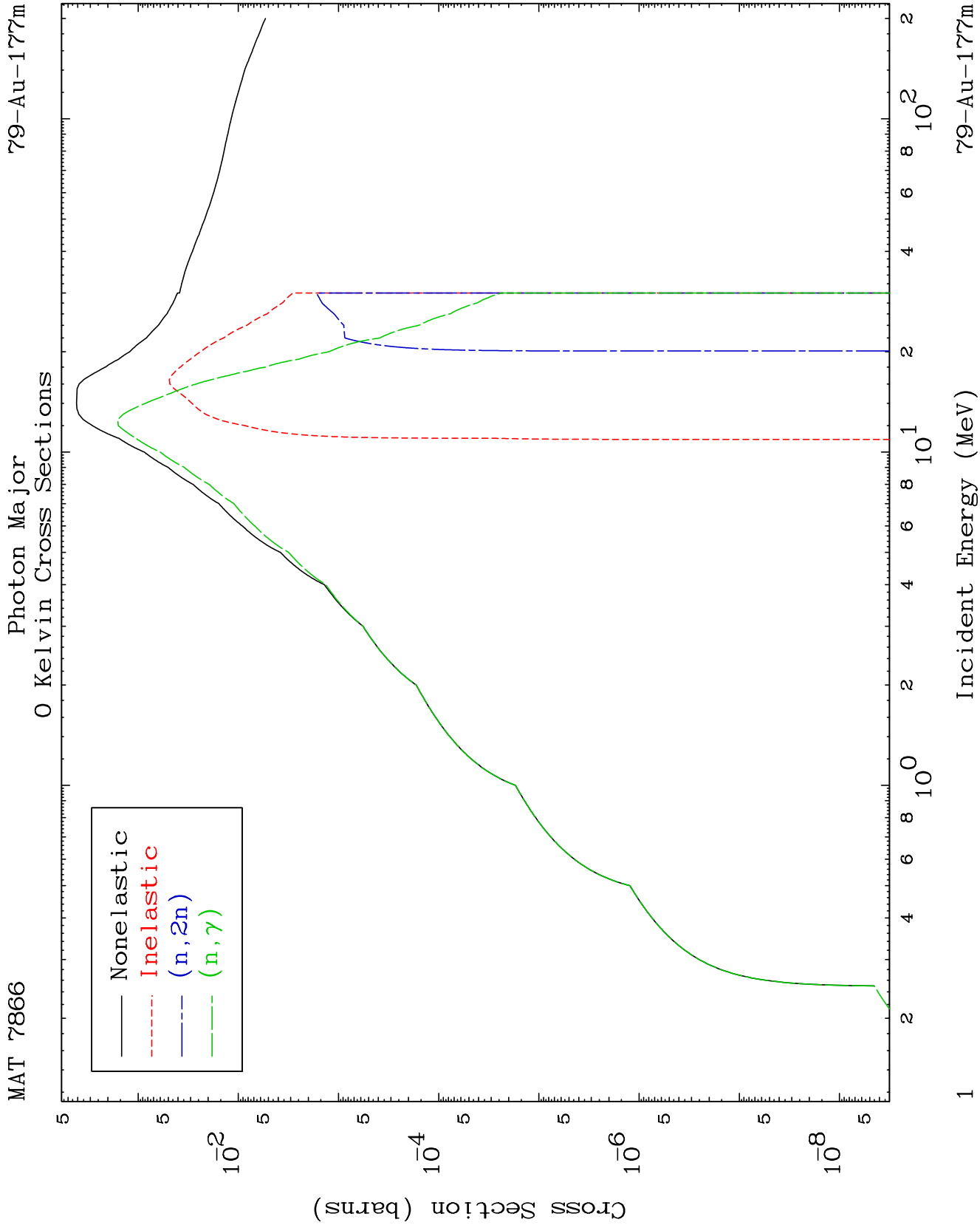
Dermott E. Cullen
(Present Contact Information)

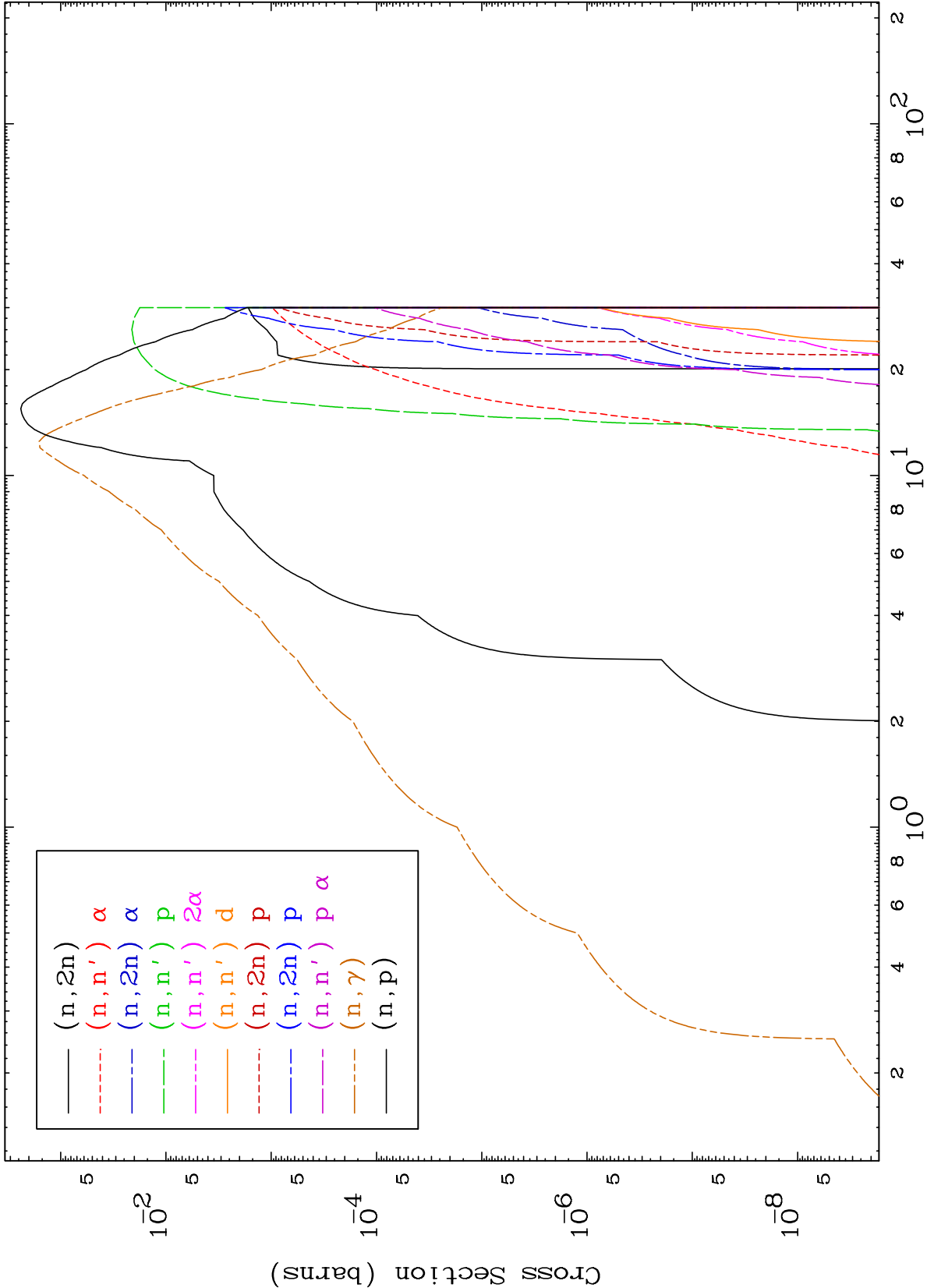
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

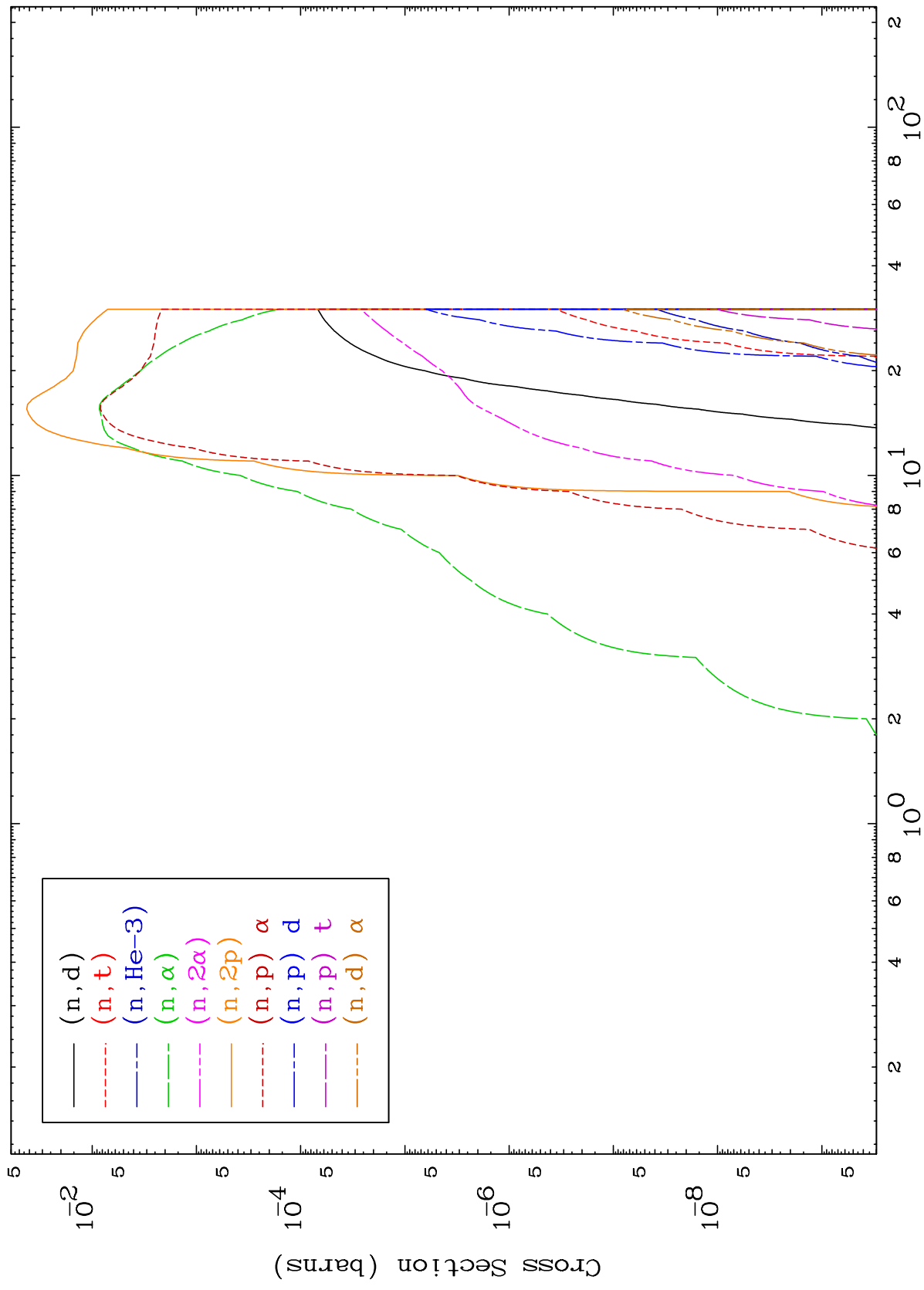
Tele: 925-443-1911

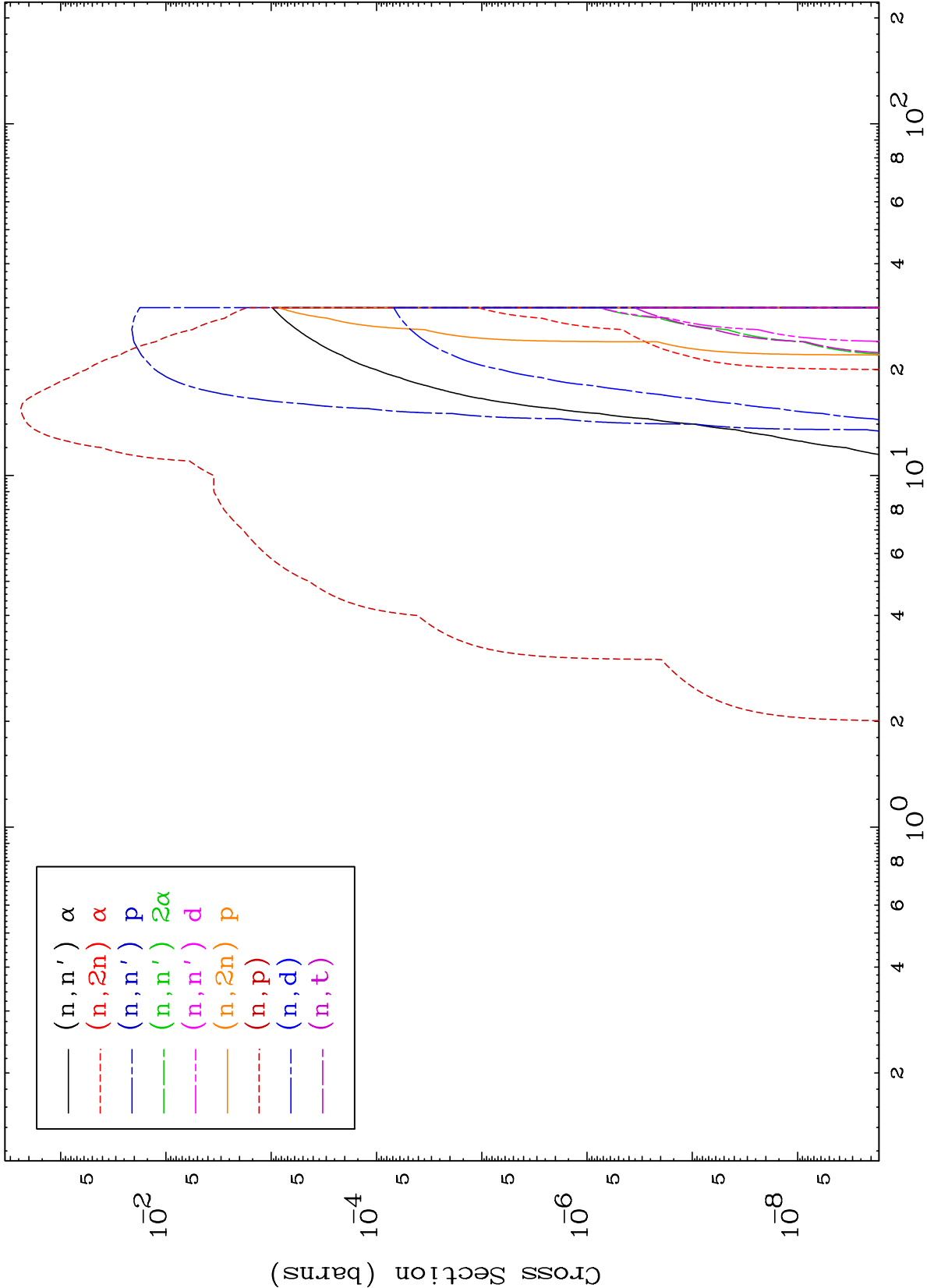
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

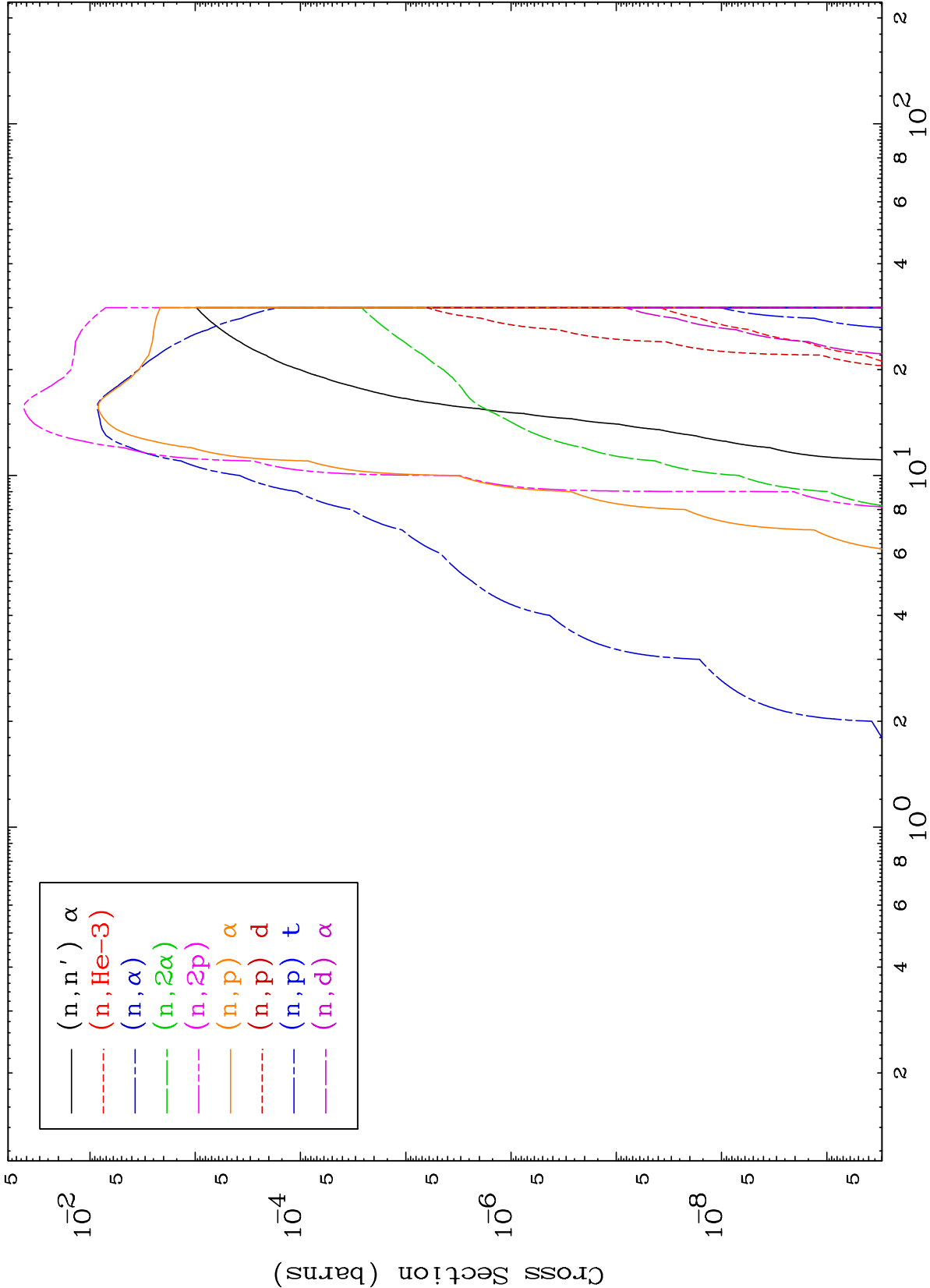
Press Mouse Button to Start

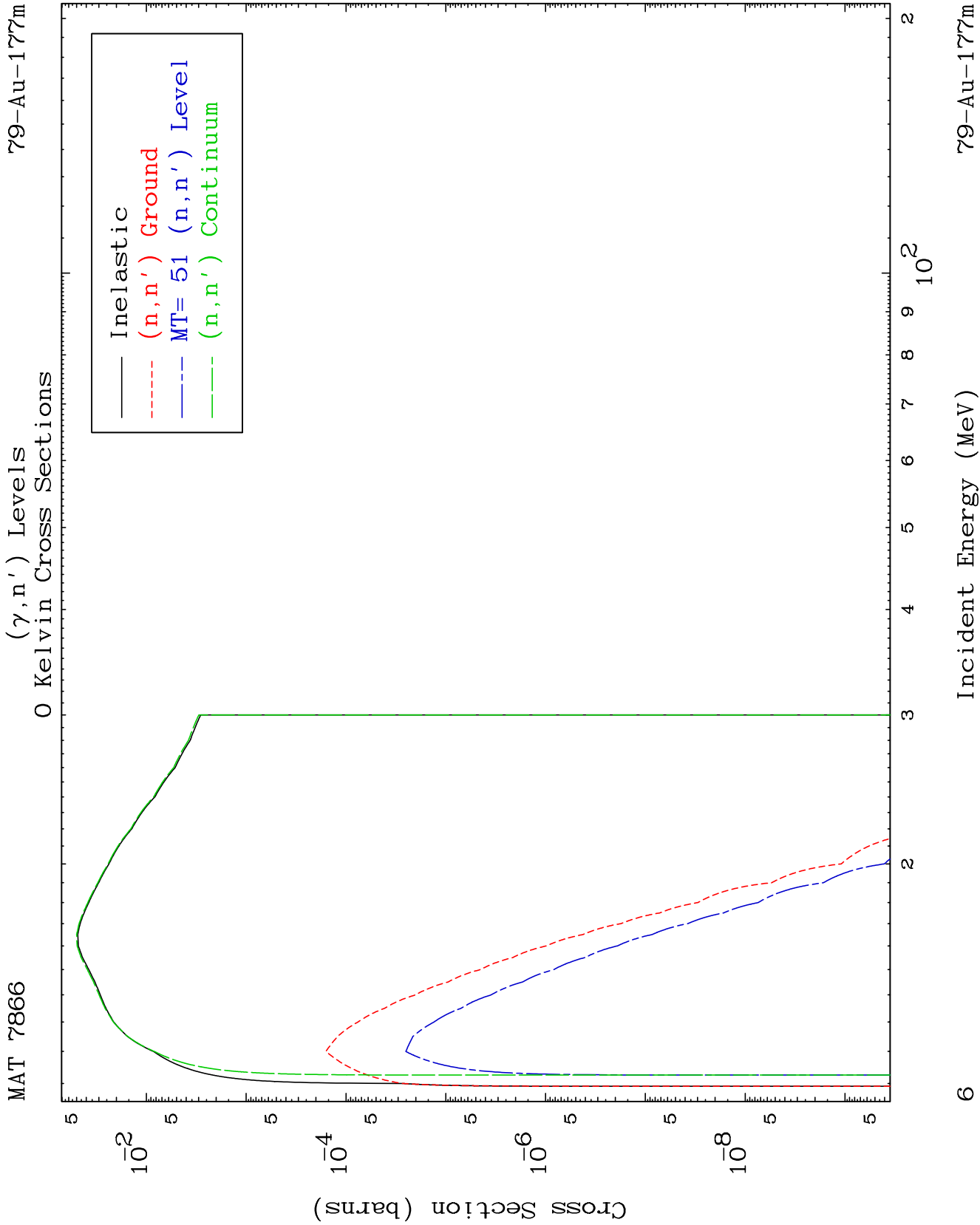










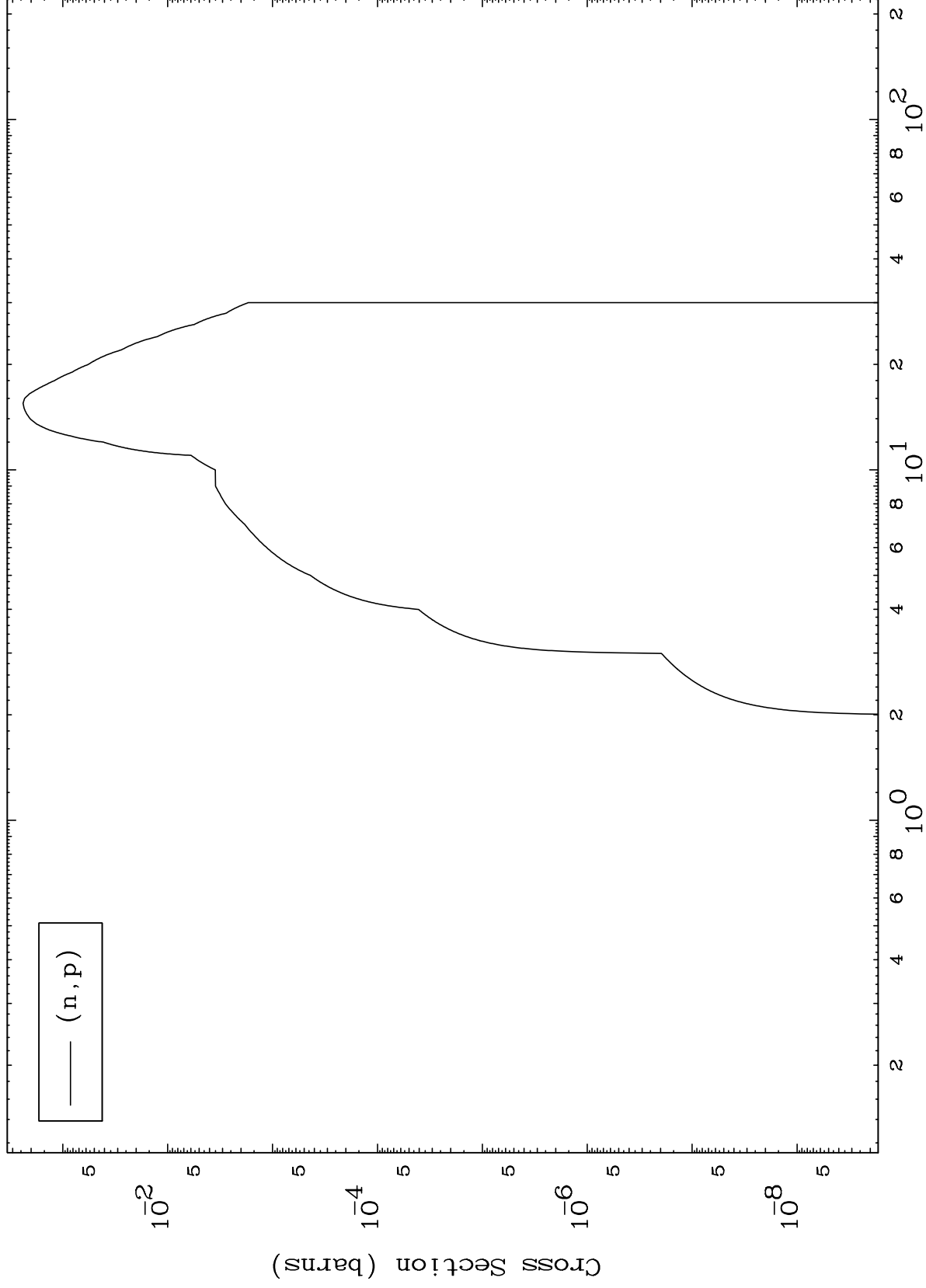


MAT 7866

(γ, p) Levels

$^{79}\text{Au}-177\text{m}$

0 Kelvin Cross Sections



7

Incident Energy (MeV)

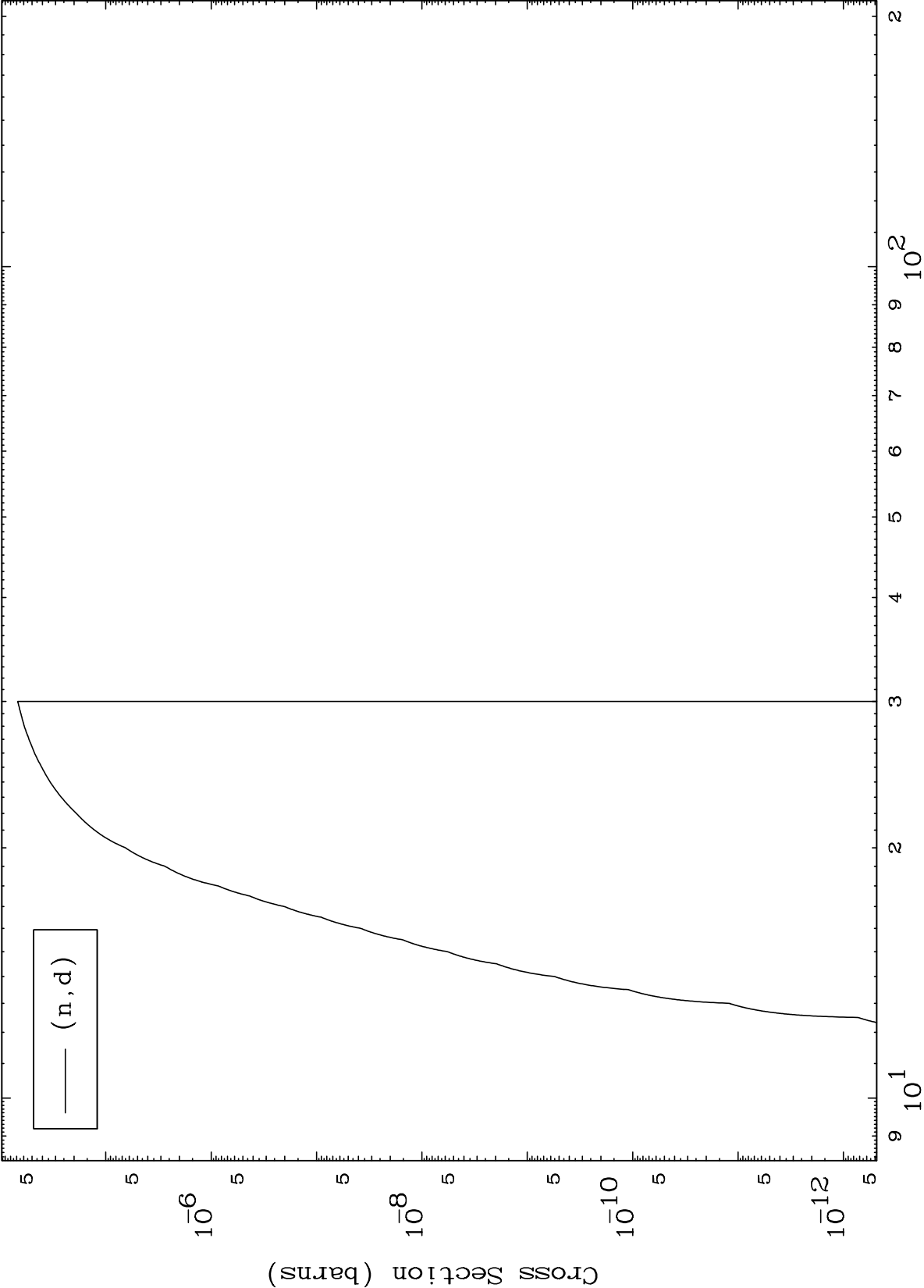
$^{79}\text{Au}-177\text{m}$

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(γ, d) Levels

$^{79}\text{Au}-177\text{m}$

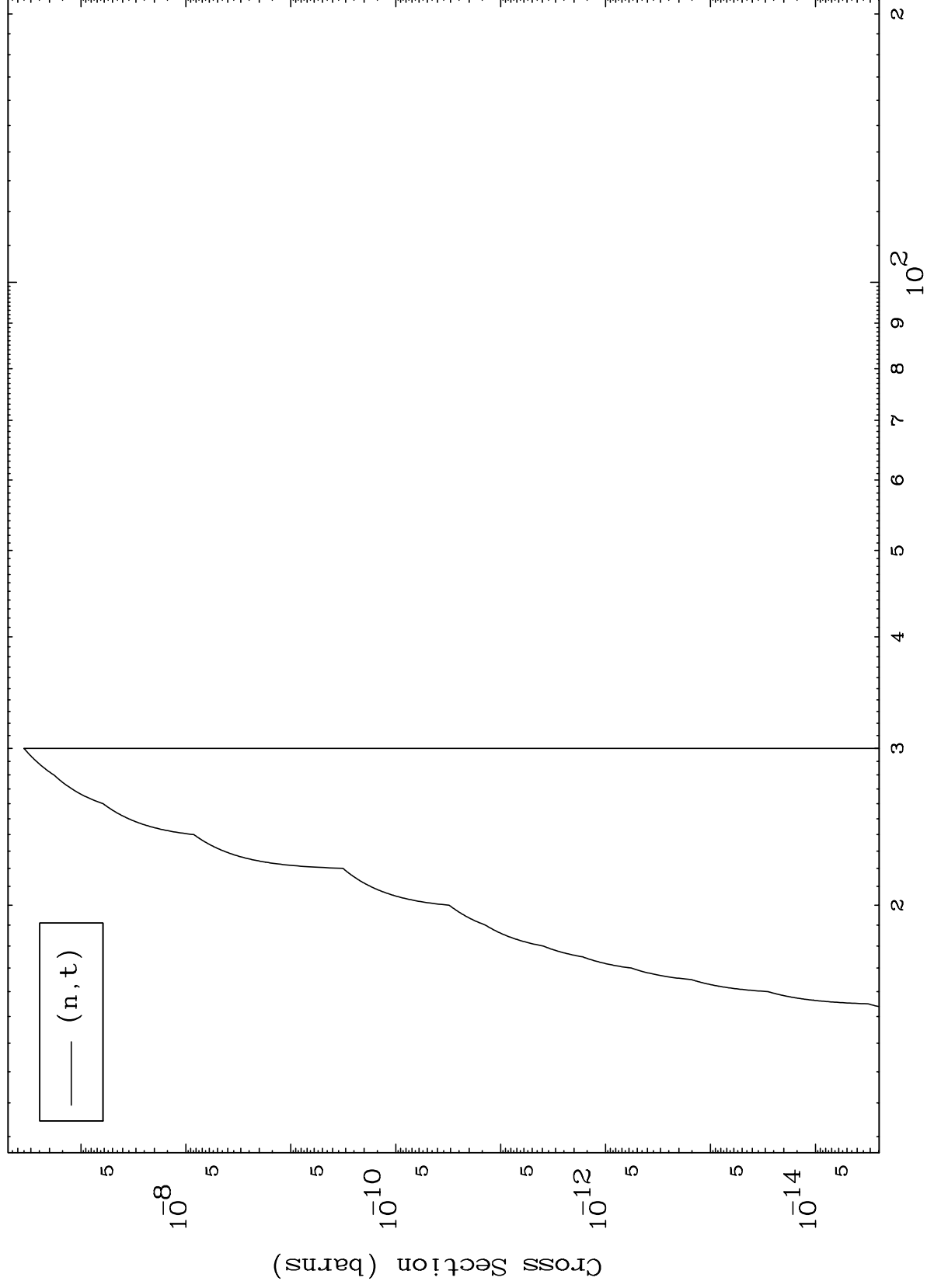
0 Kelvin Cross Sections



Incident Energy (MeV)

$^{79}\text{Au}-177\text{m}$

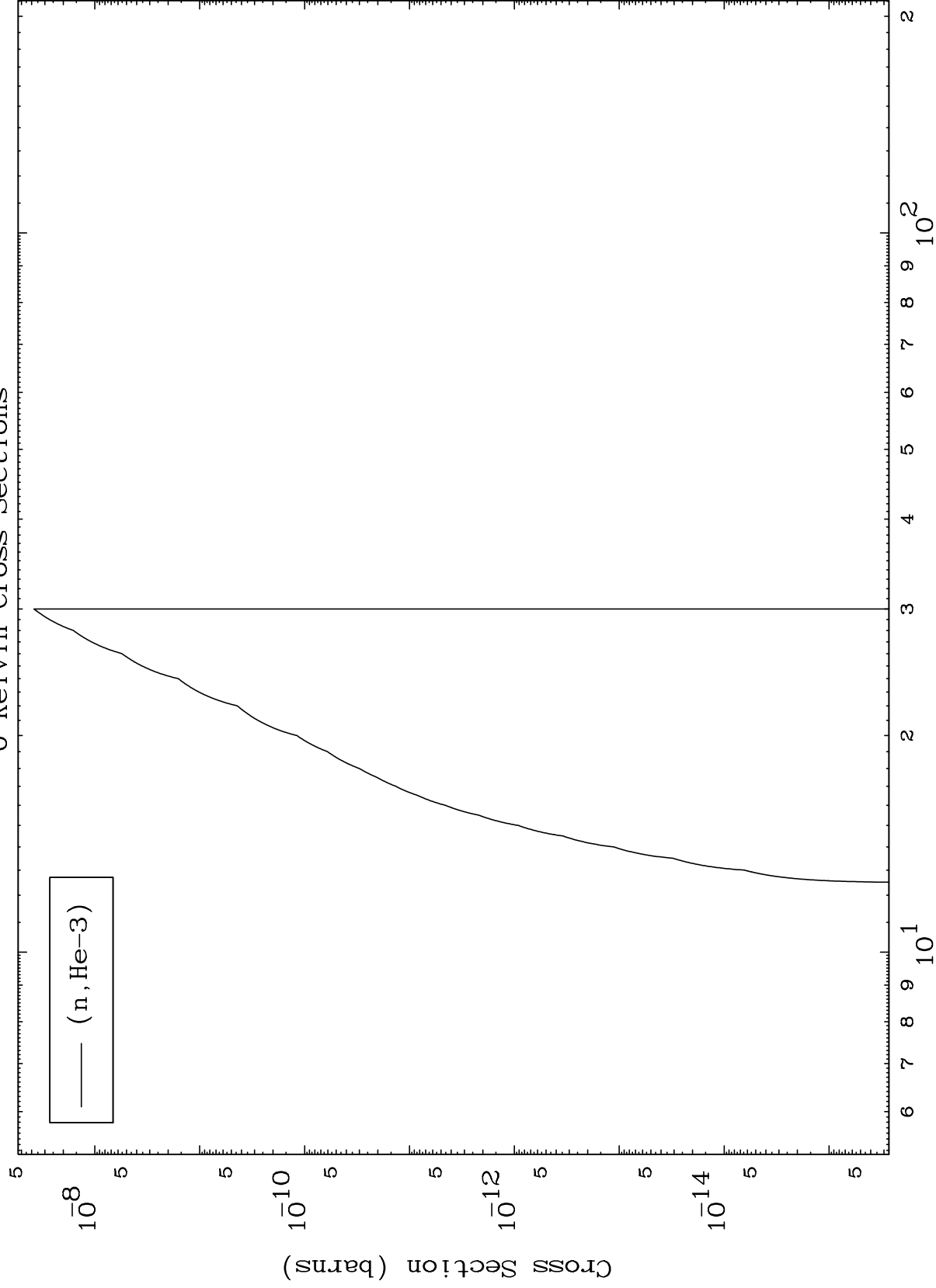
(γ, t) Levels
0 Kelvin Cross Sections



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⁷⁹Au-177m

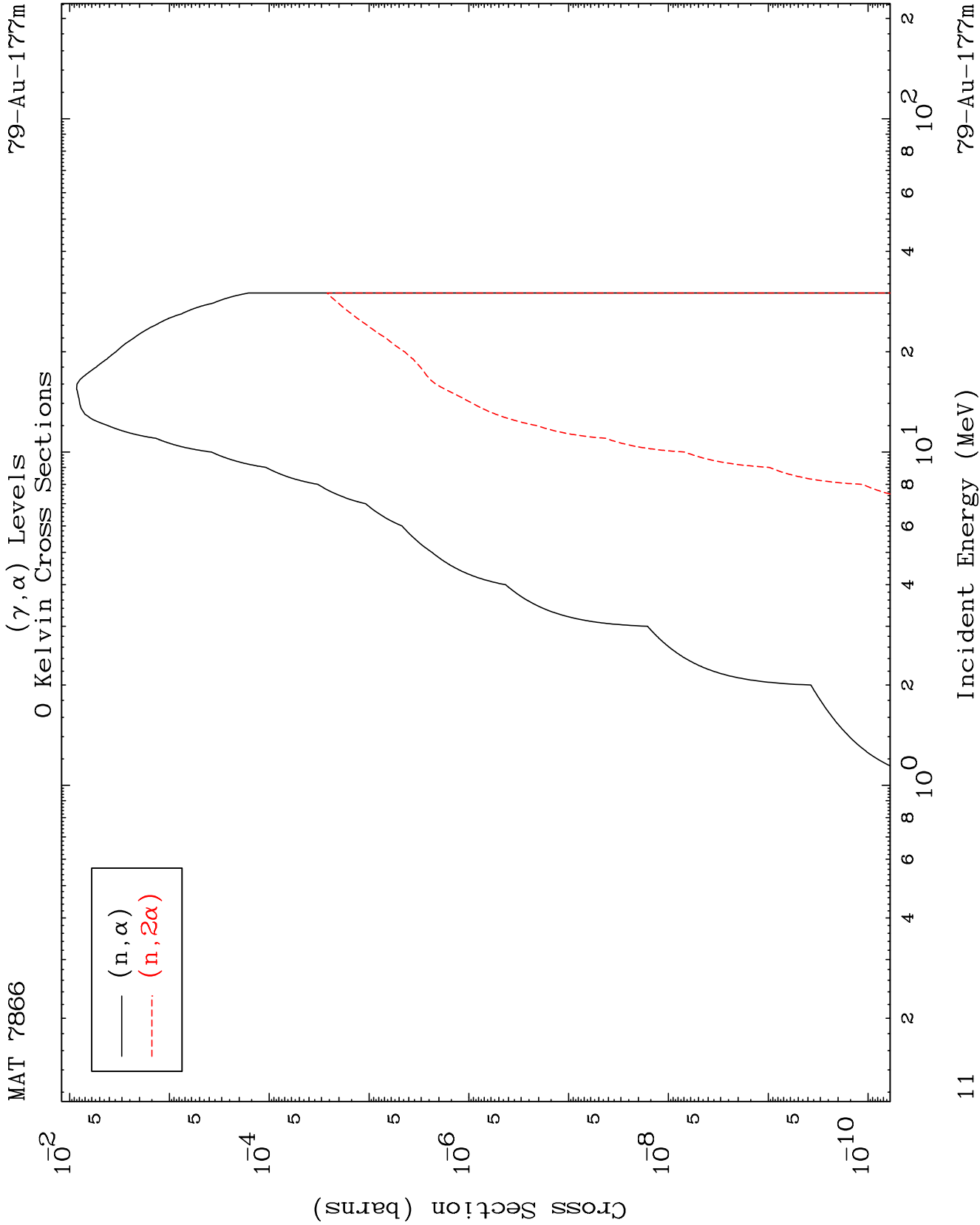
(γ ,He3) Levels
0 Kelvin Cross Sections



⁷⁹Au-177m

Incident Energy (MeV)

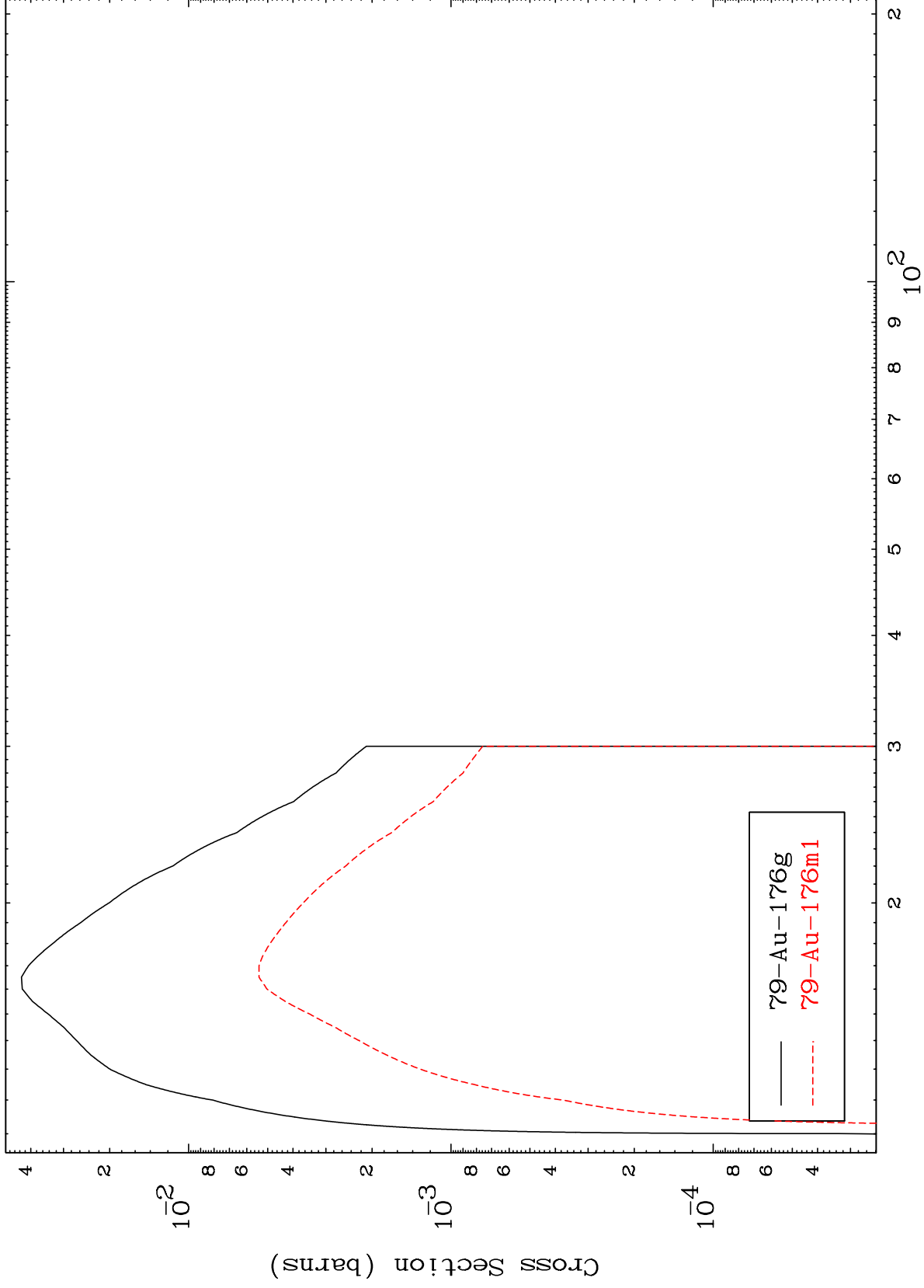
10



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Inelastic
Radionuclide Production Cross Section

$^{79}\text{Au-177m}$



Incident Energy (MeV)

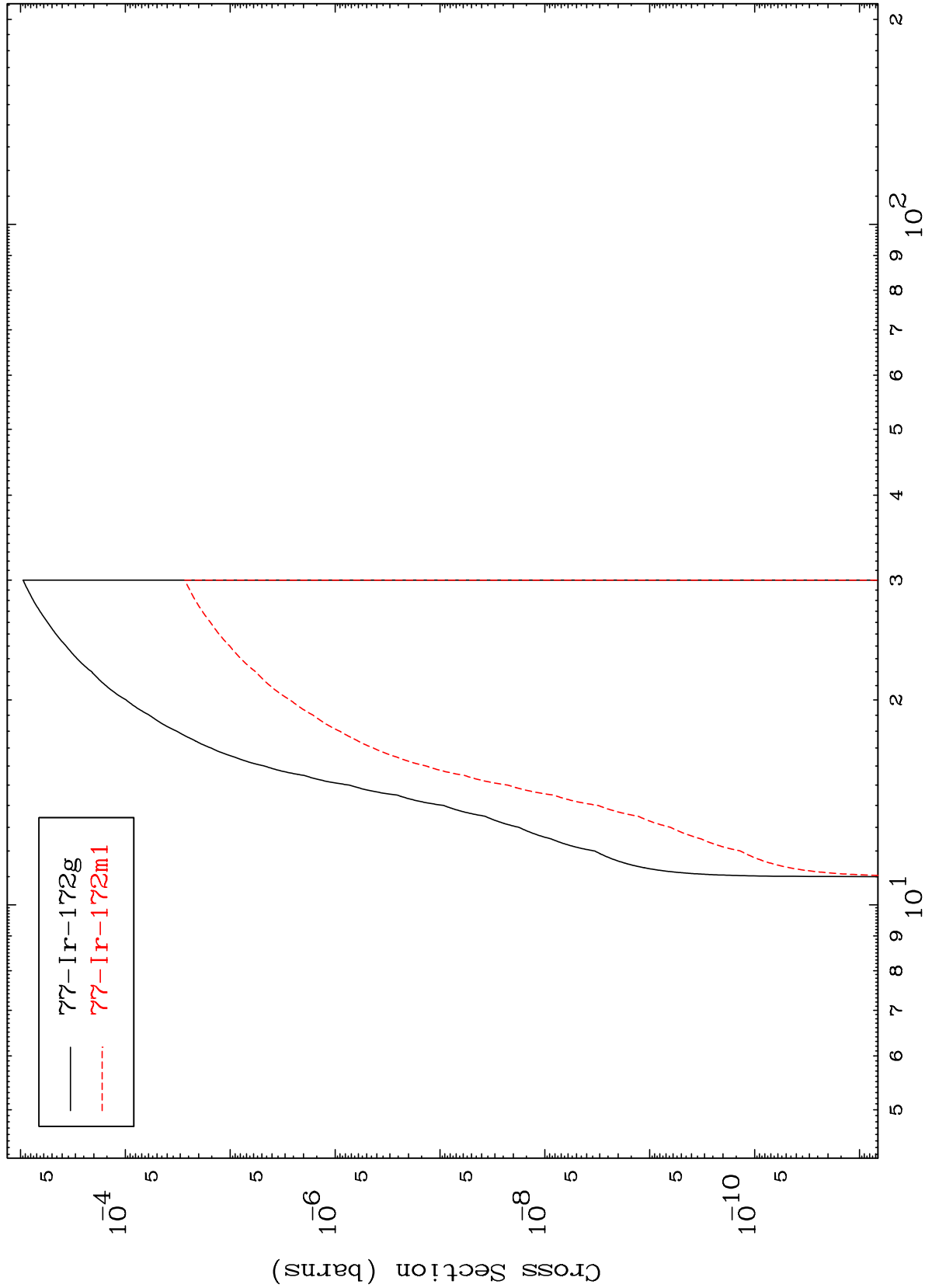
$^{79}\text{Au-177m}$

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$^{79}\text{Au}-177\text{m}$

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



$^{79}\text{Au}-177\text{m}$

Incident Energy (MeV)

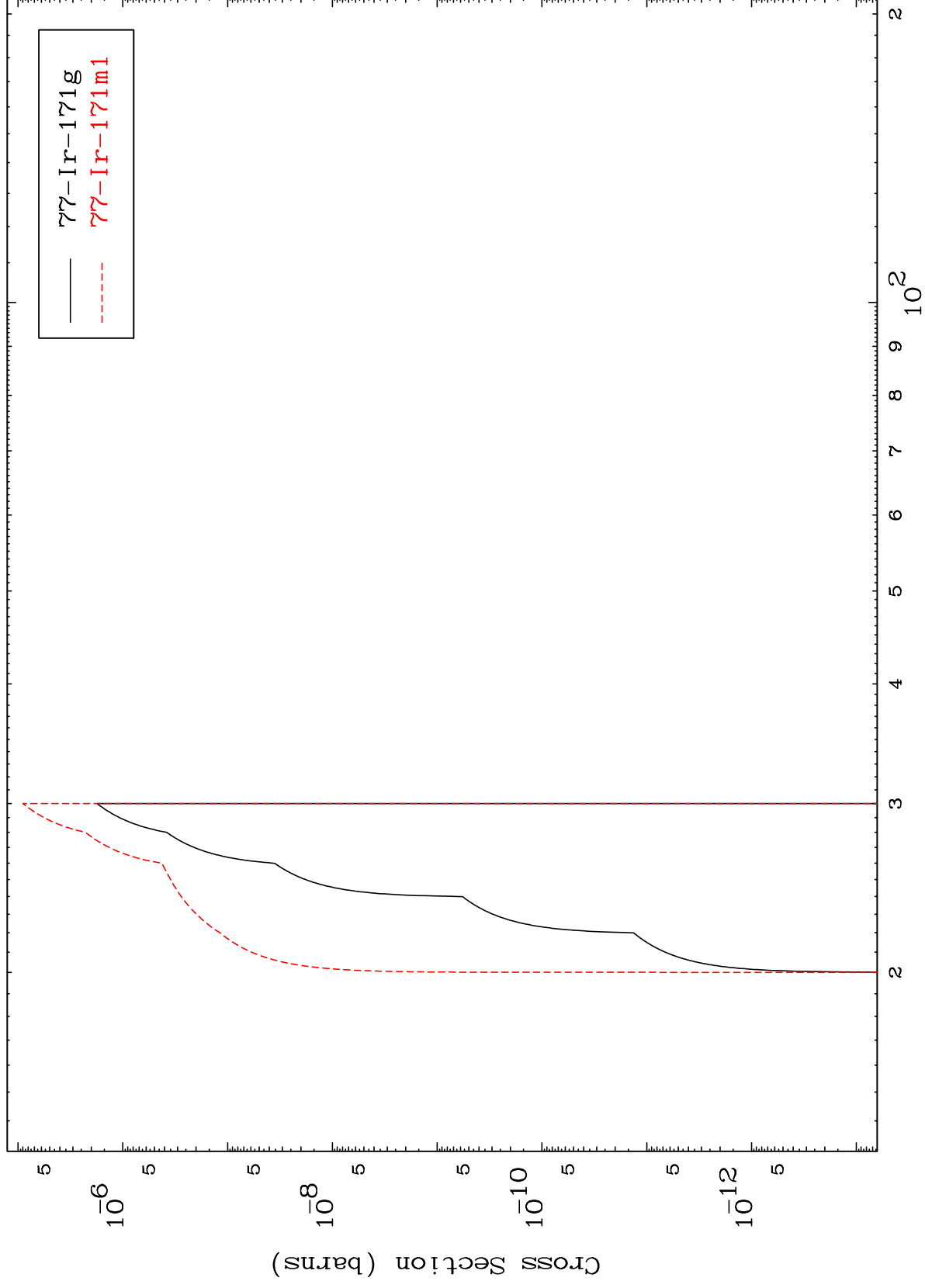
13

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(n,2n) α

⁷⁹Au-177m

Radionuclide Production Cross Section



14

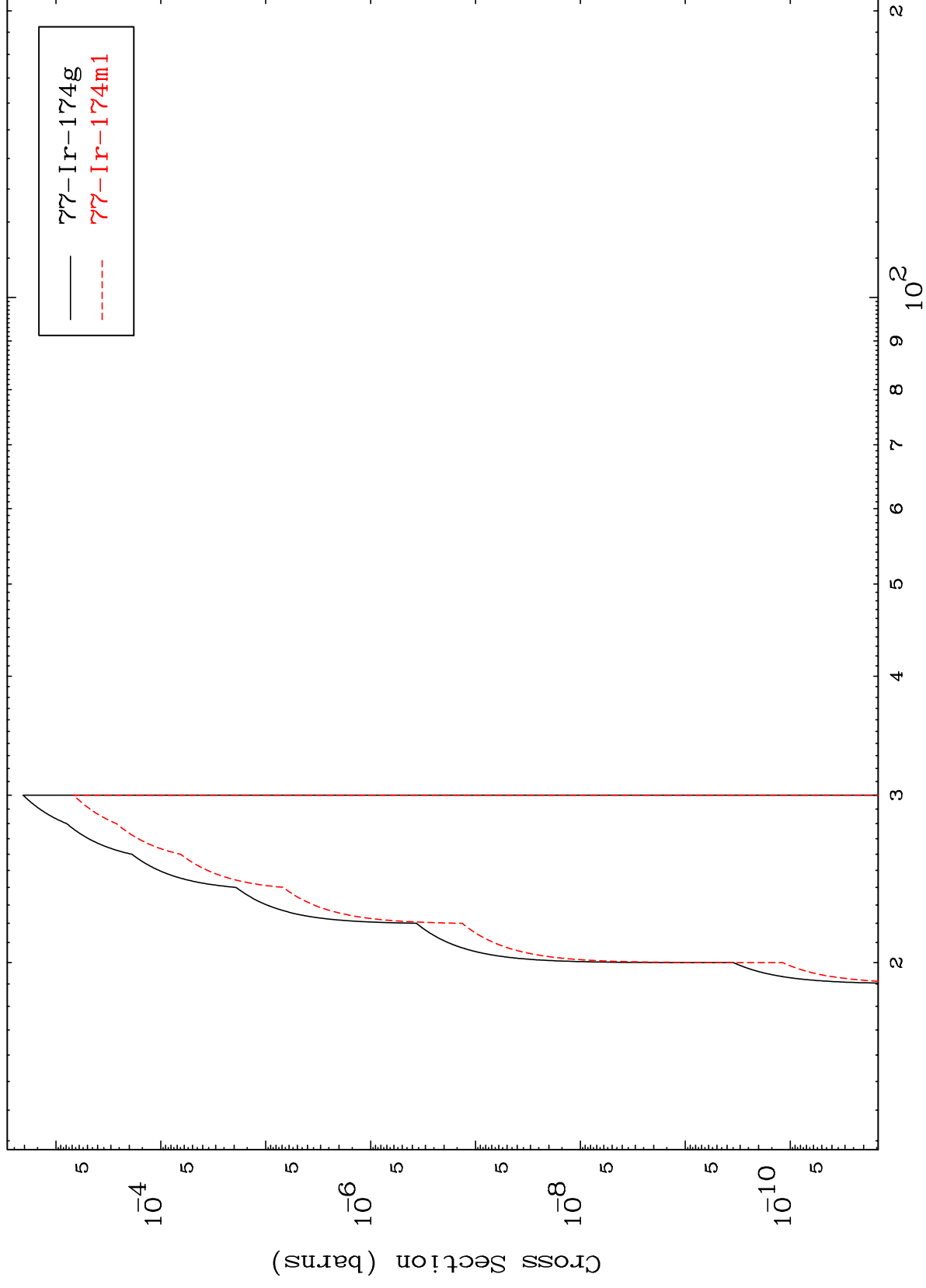
Incident Energy (MeV)

⁷⁹Au-177m

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$(n,2n)$ p $^{79}\text{Au}-177\text{m}$

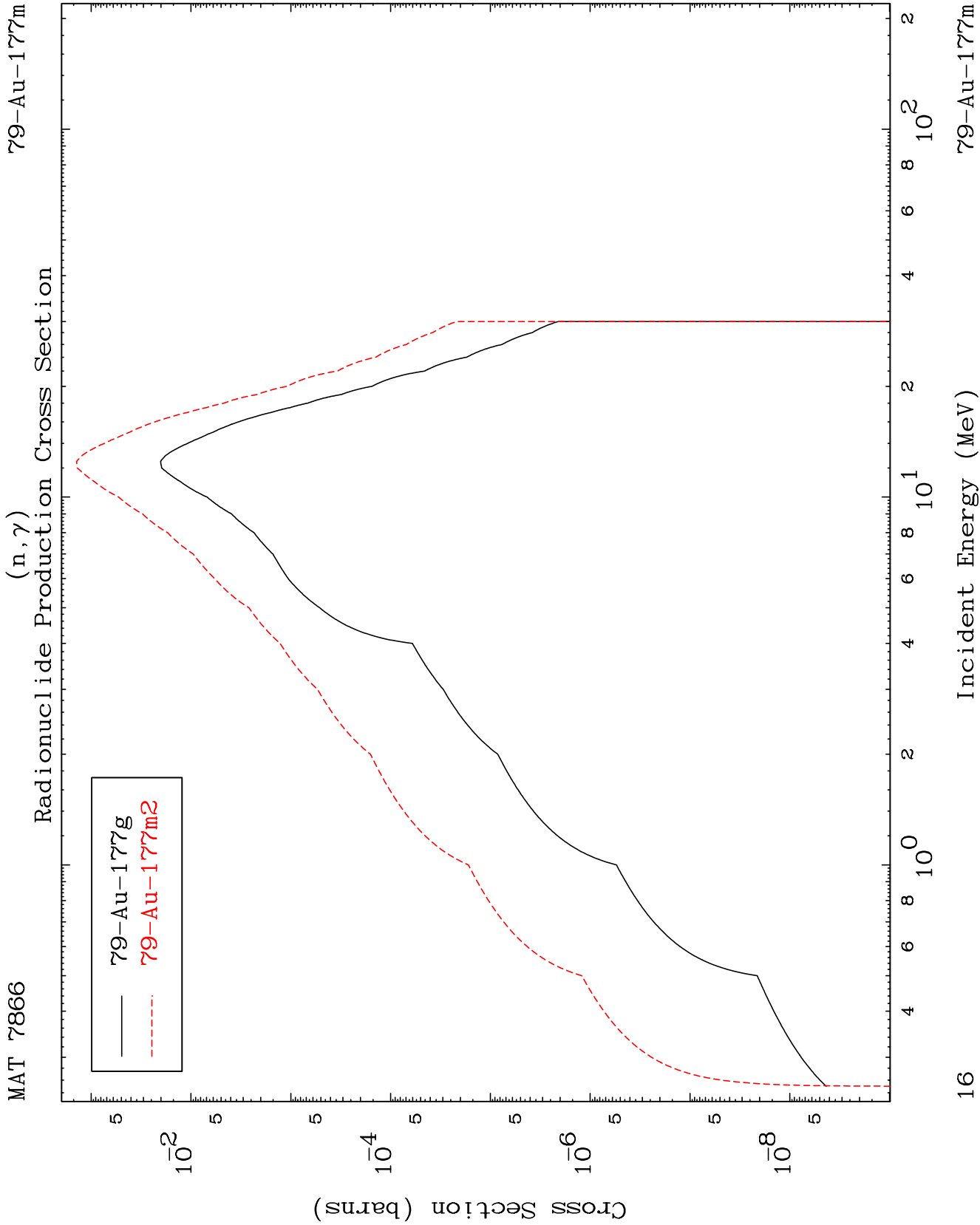
Radionuclide Production Cross Section



$^{79}\text{Au}-177\text{m}$

Incident Energy (MeV)

15

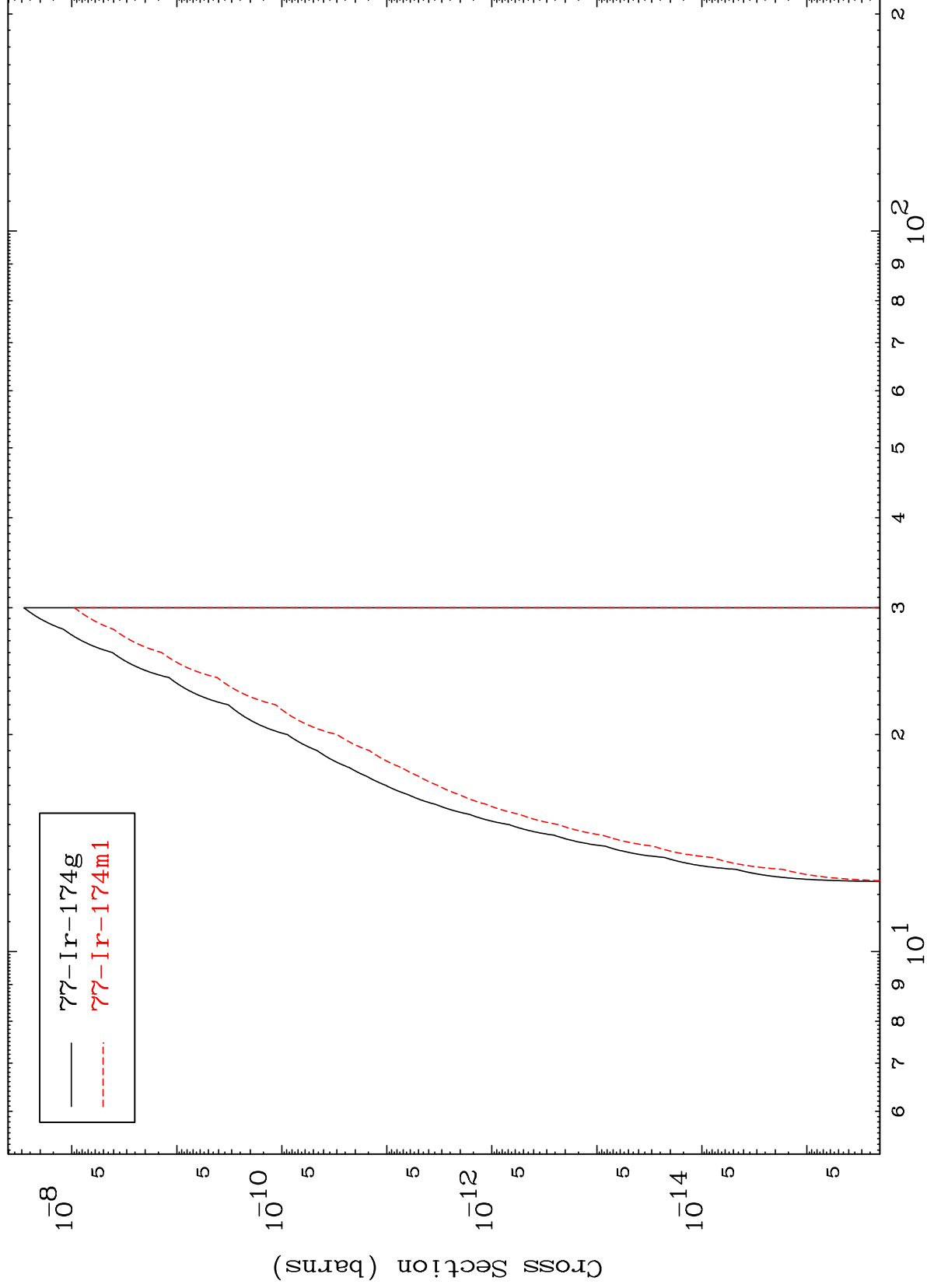


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(n,He-3)

⁷⁹Au-177m

Radionuclide Production Cross Section



17

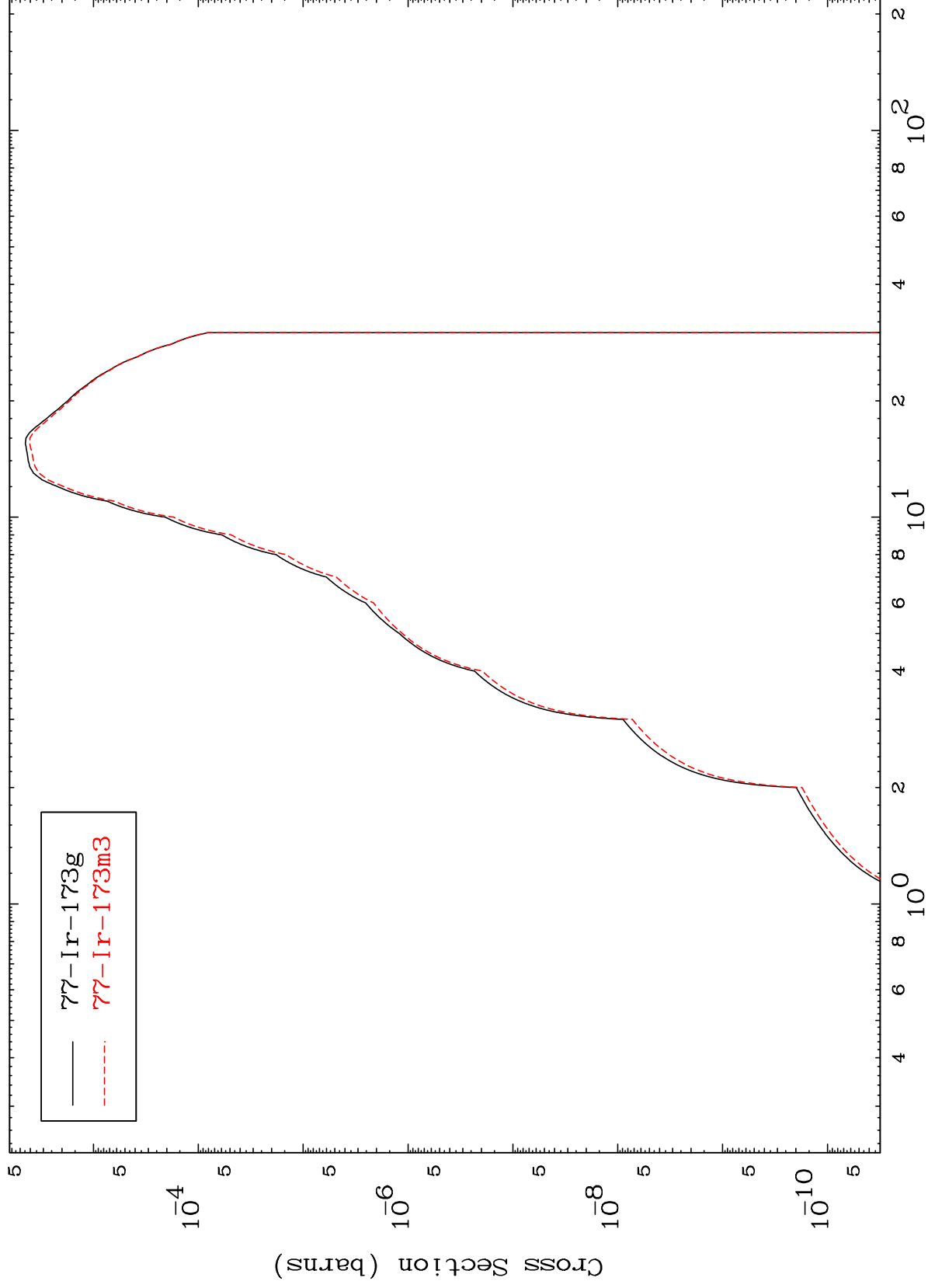
Incident Energy (MeV)

⁷⁹Au-177m

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$^{79}\text{Au-177m}$

Radionuclide Production Cross Section

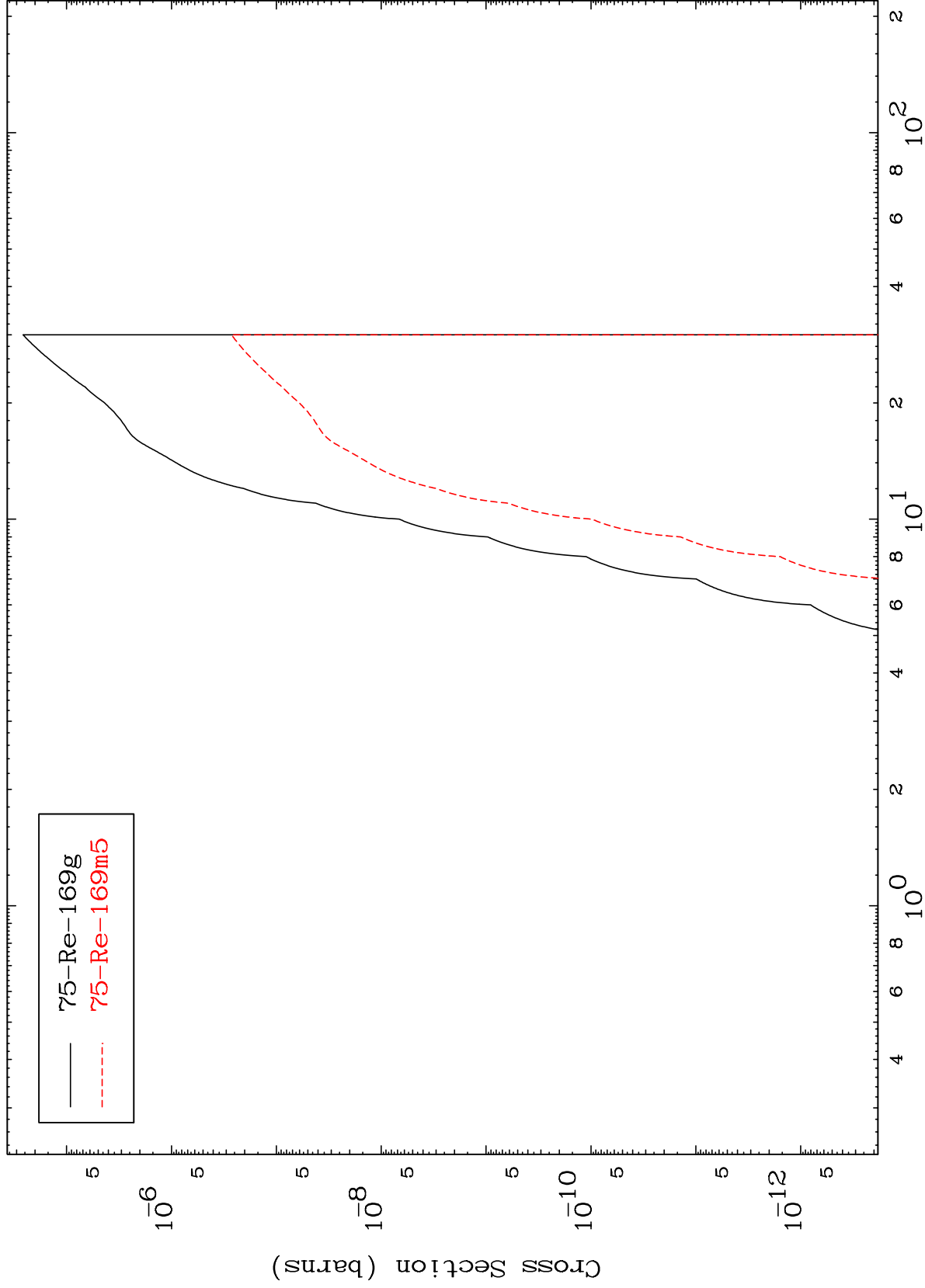


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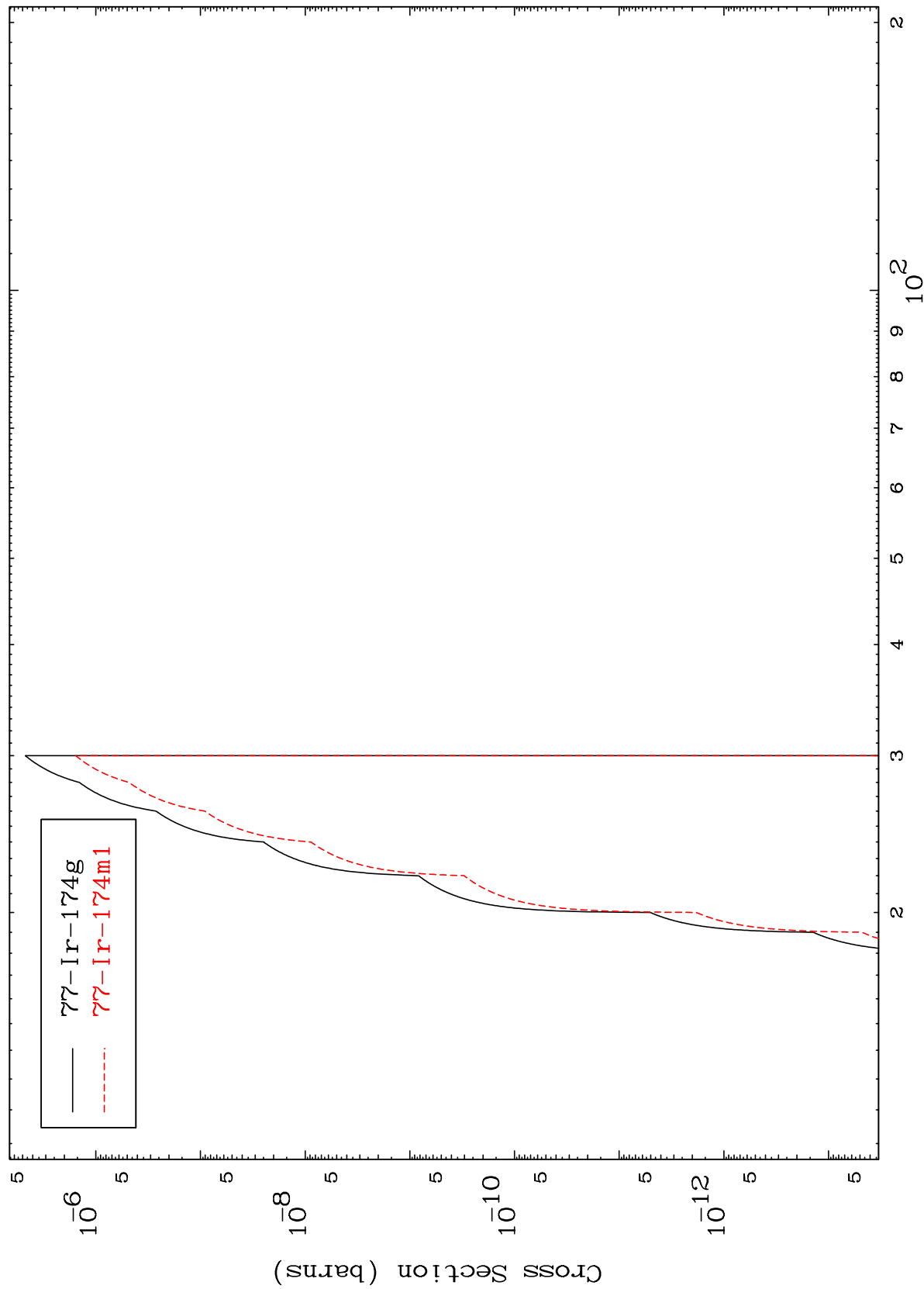
Incident Energy (MeV)

$^{79}\text{Au-177m}$

Radionuclide Production Cross Section
(n,2α)



(n,p) d
Radionuclide Production Cross Section



(n,p) t
Radionuclide Production Cross Section

