

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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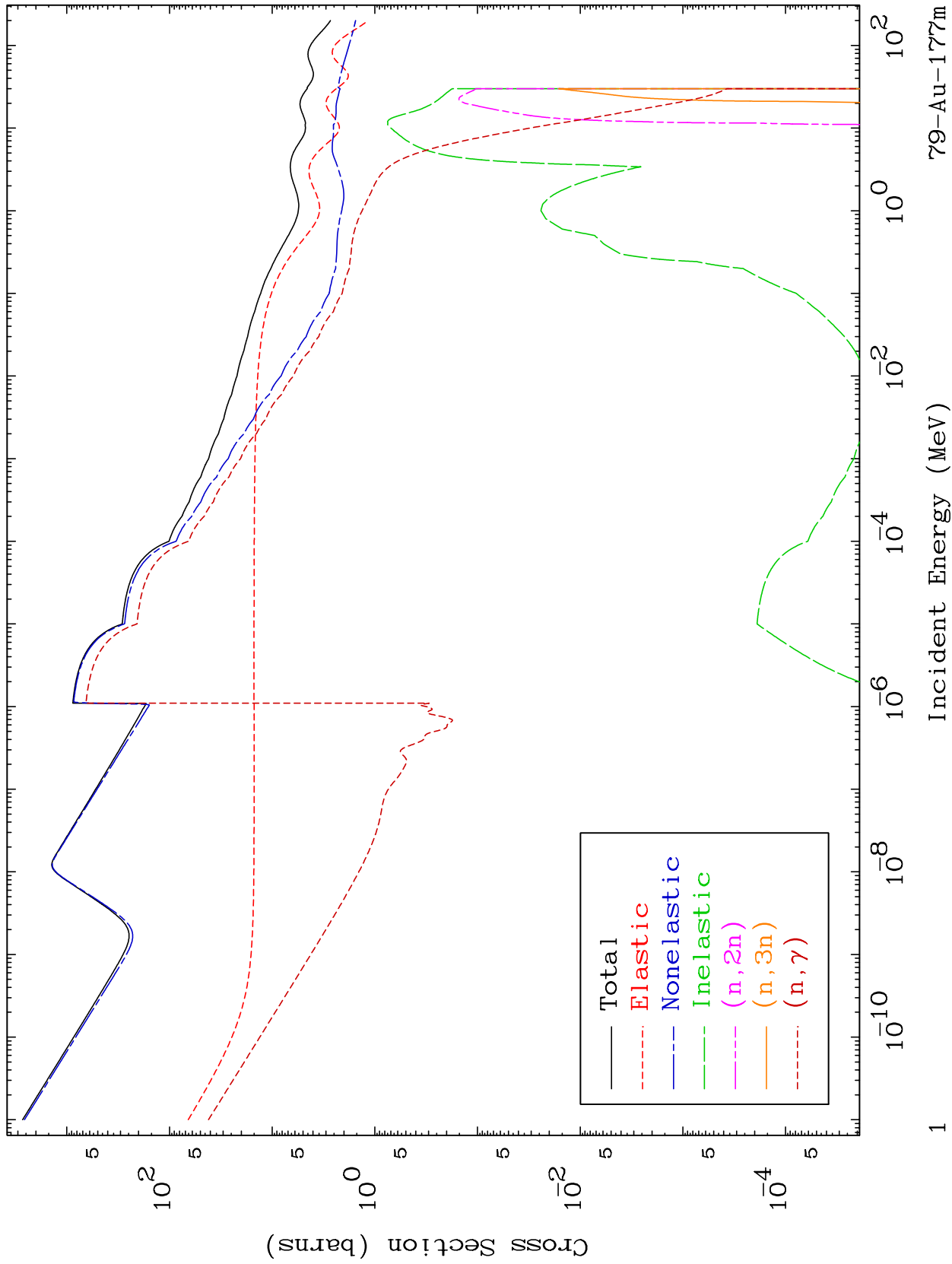
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

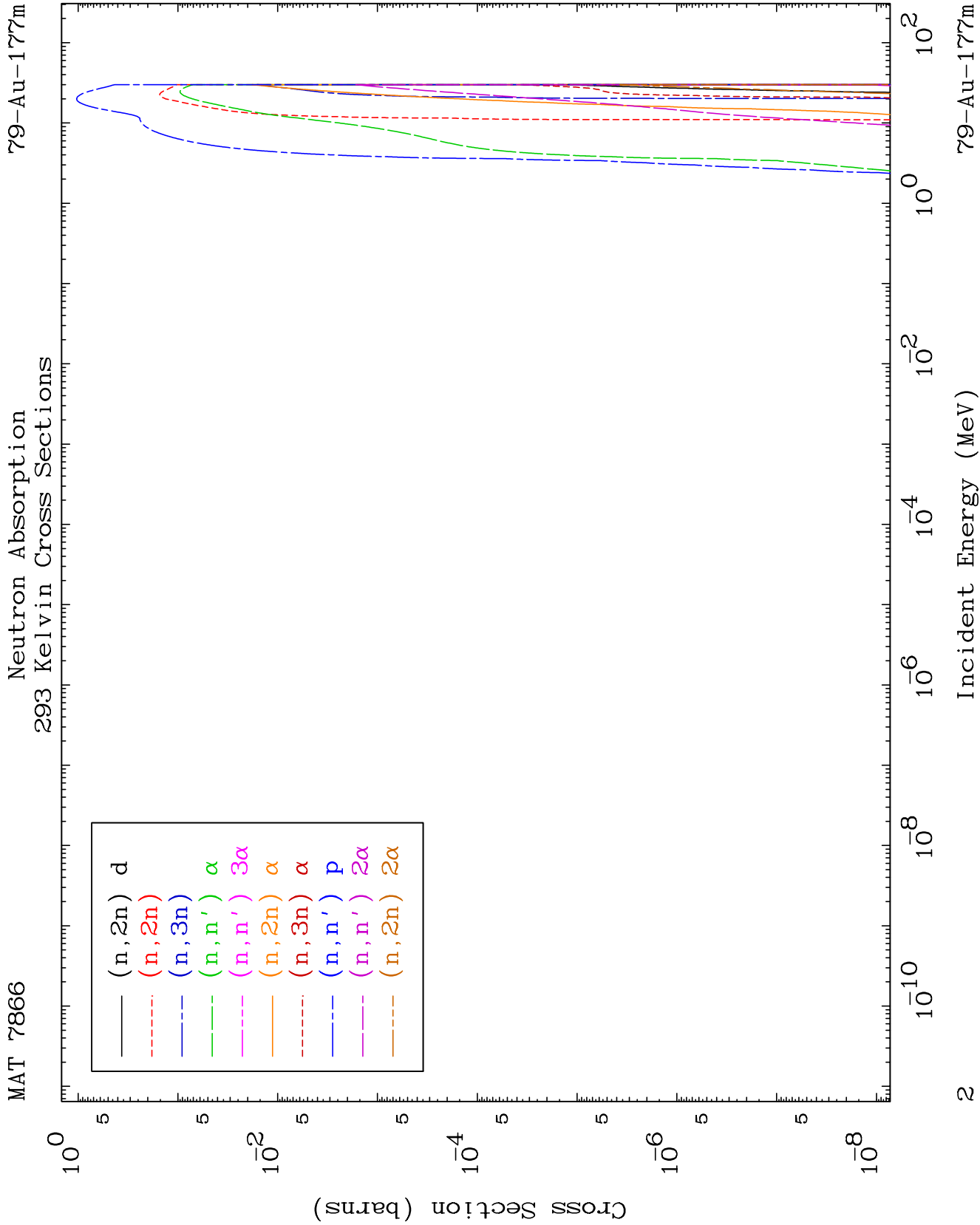
Press Mouse Button to Start

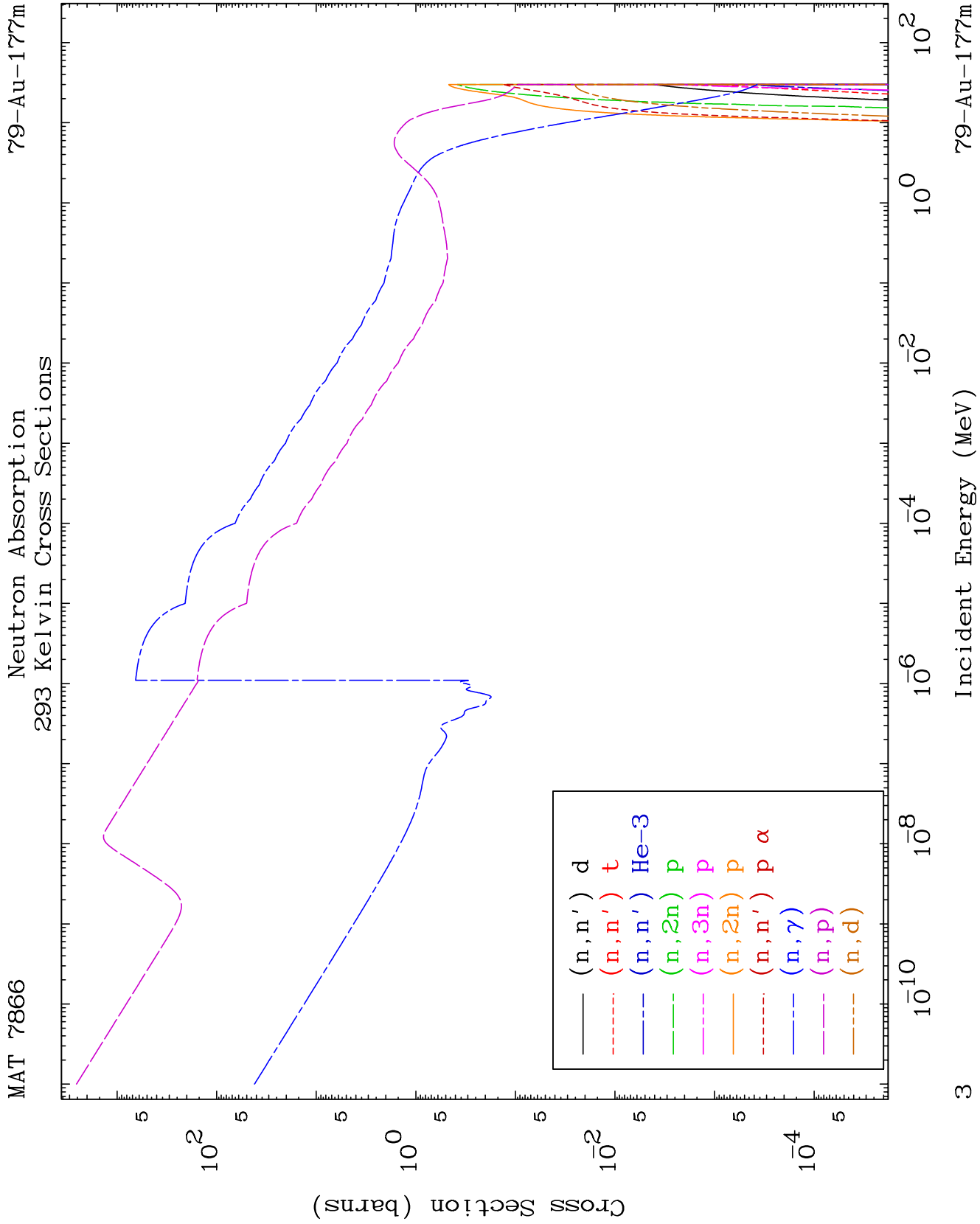
MAT 7866

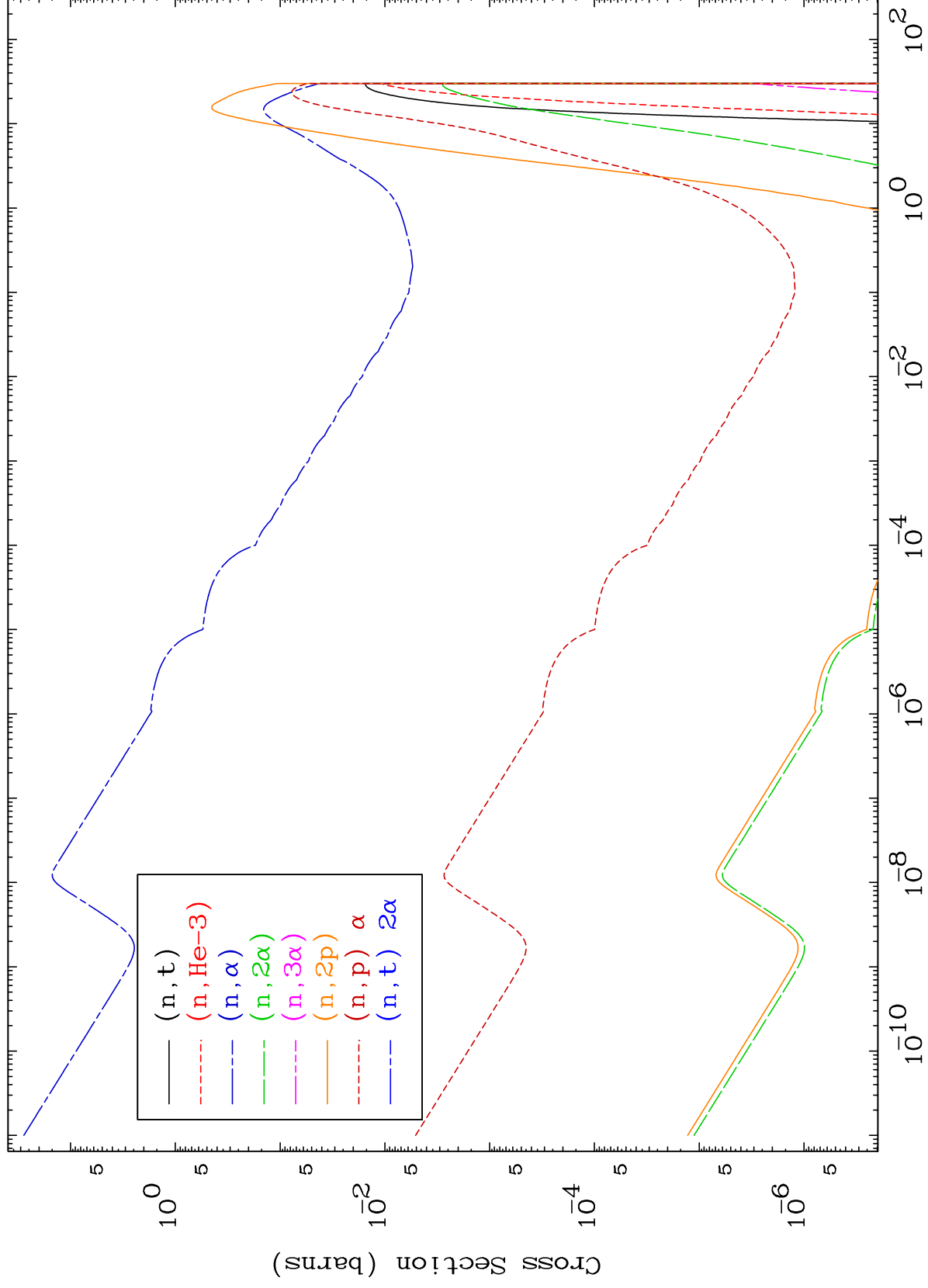
Neutron Major
293 Kelvin Cross Sections

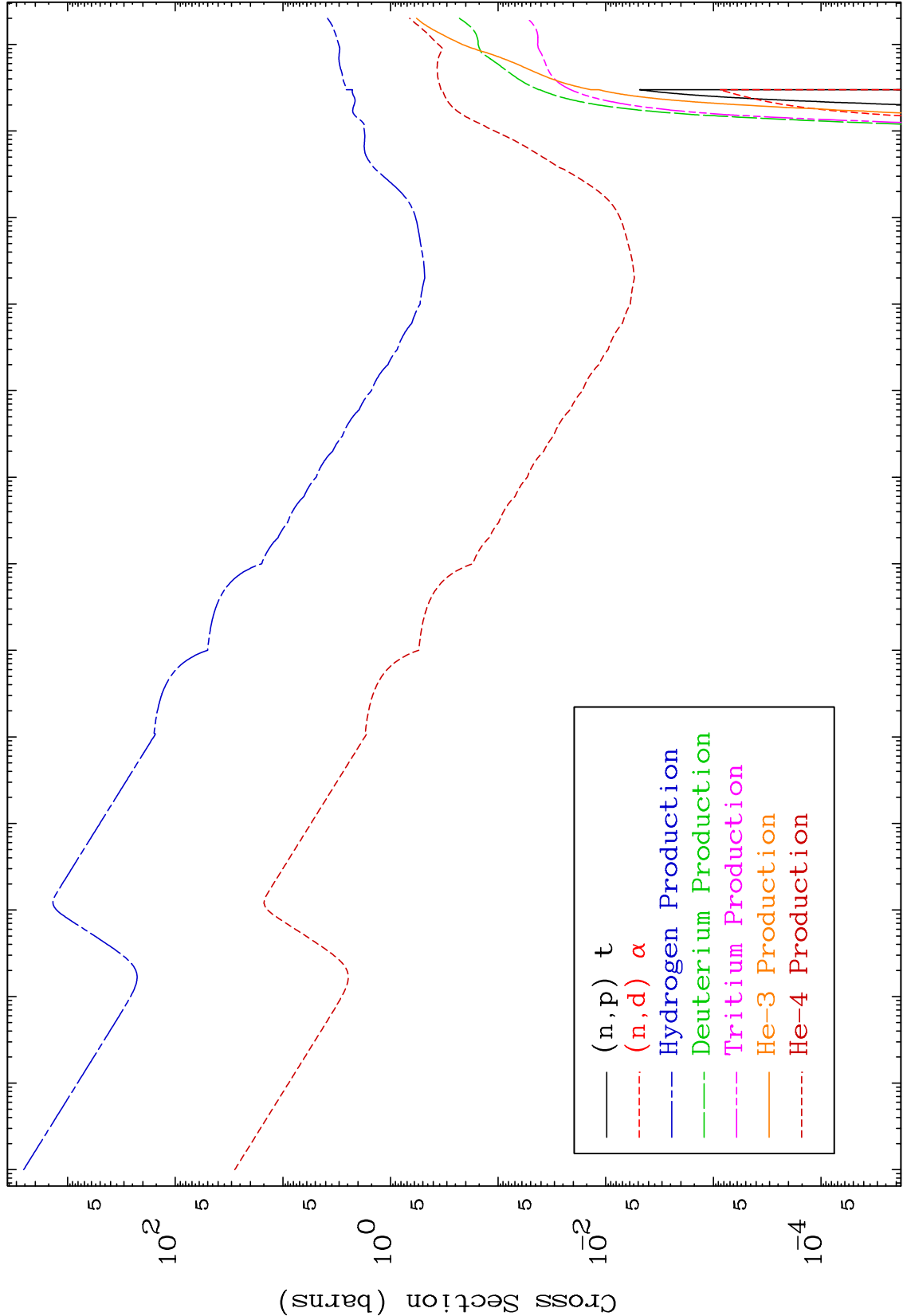
$^{79}\text{Au-177m}$

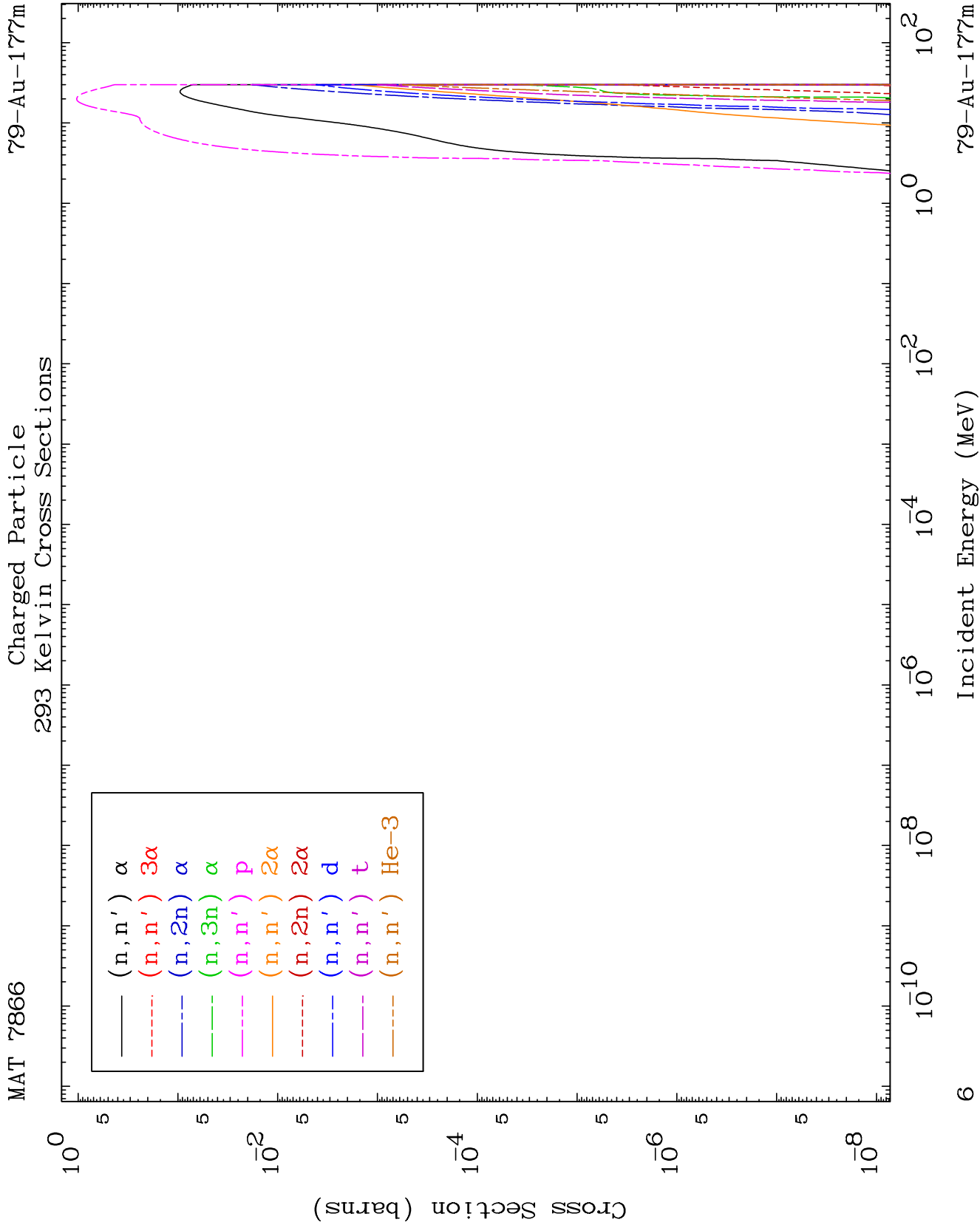


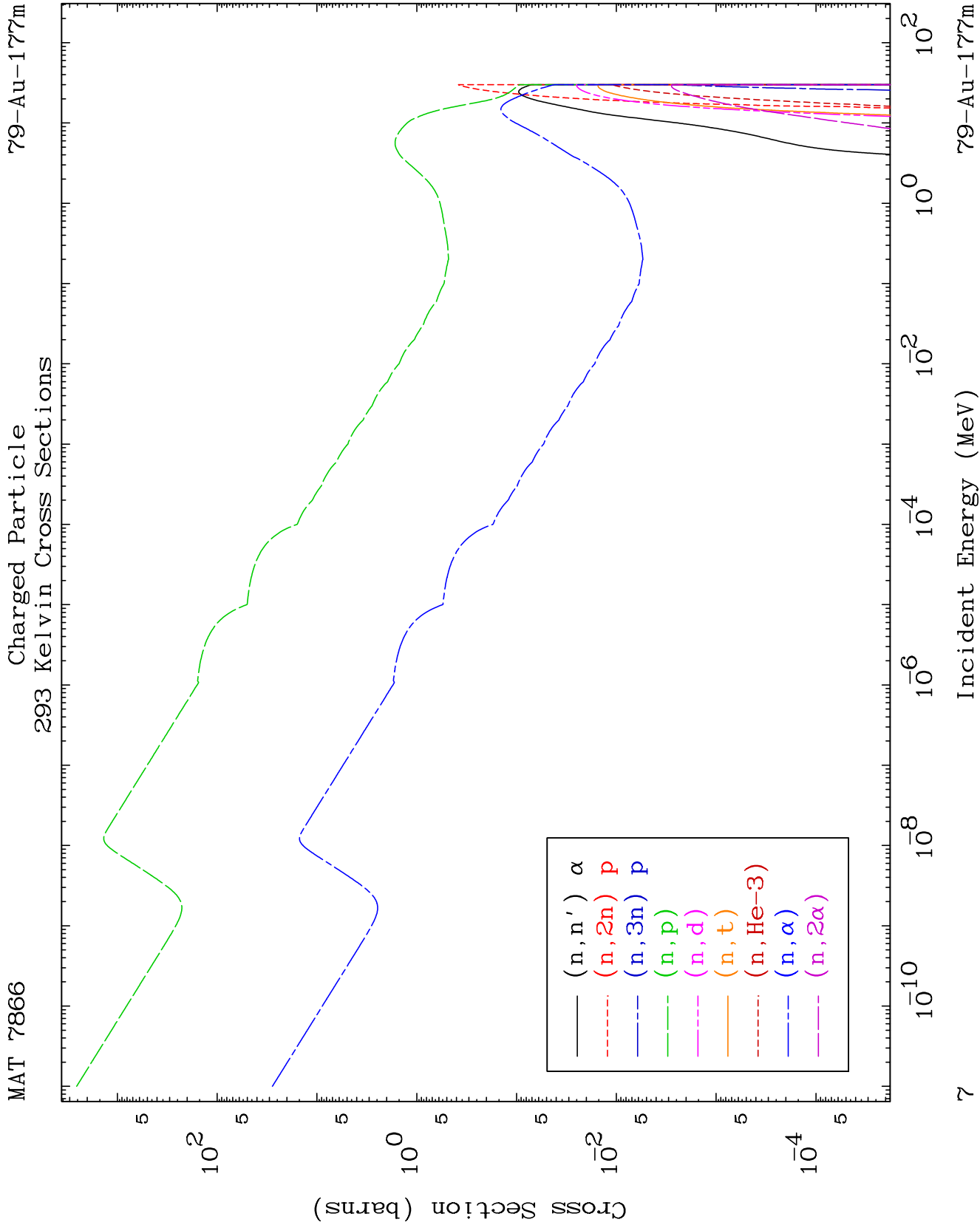


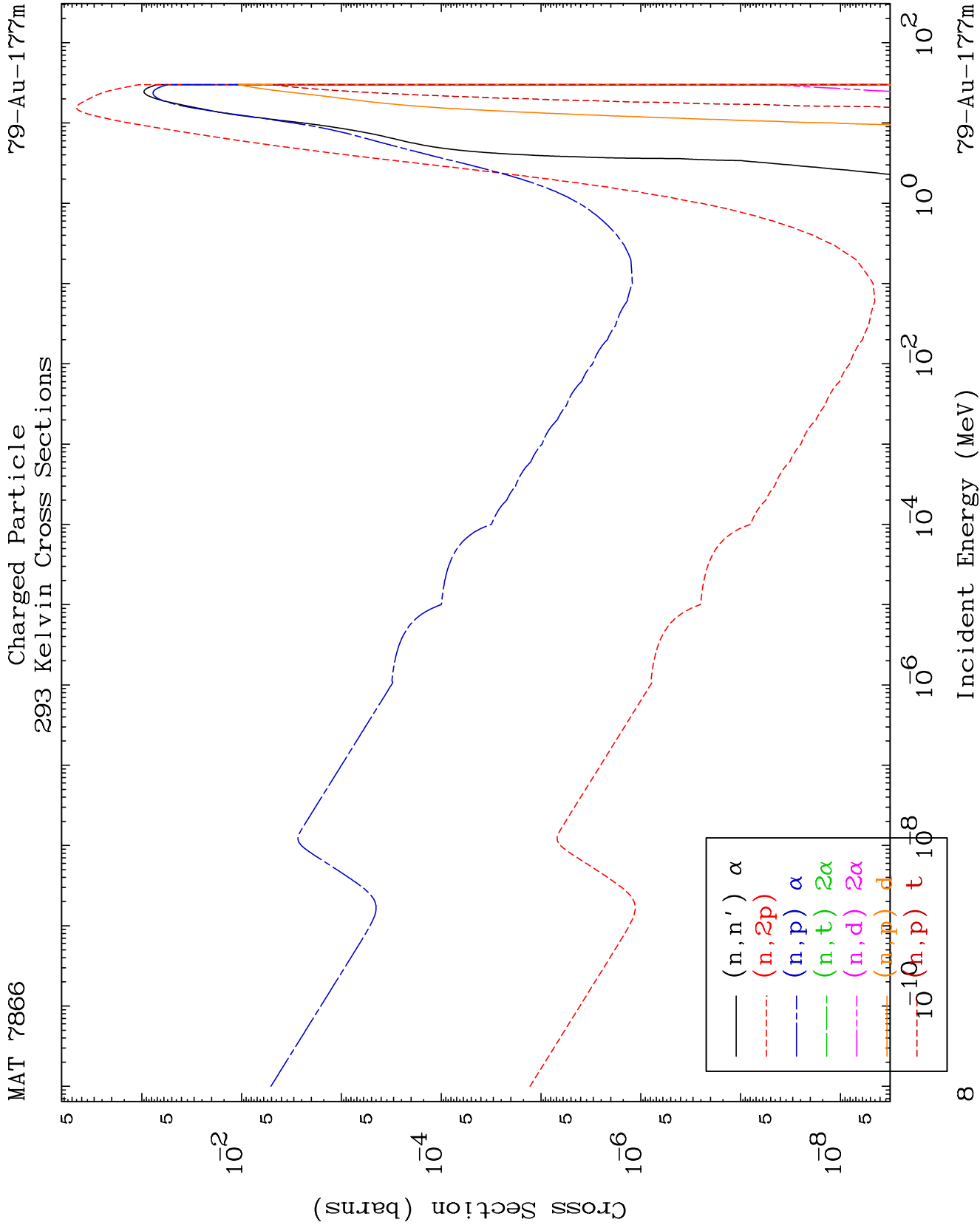


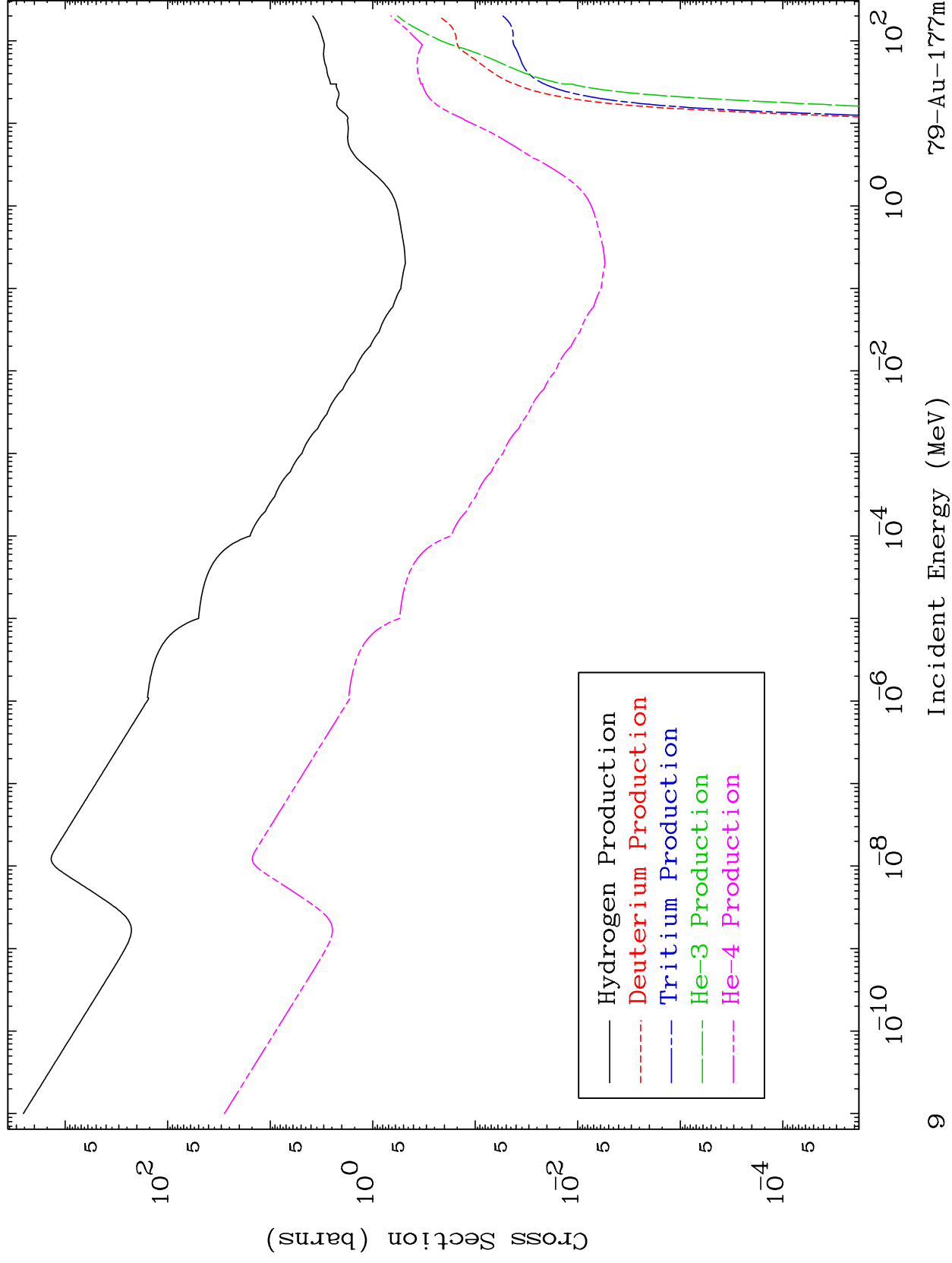


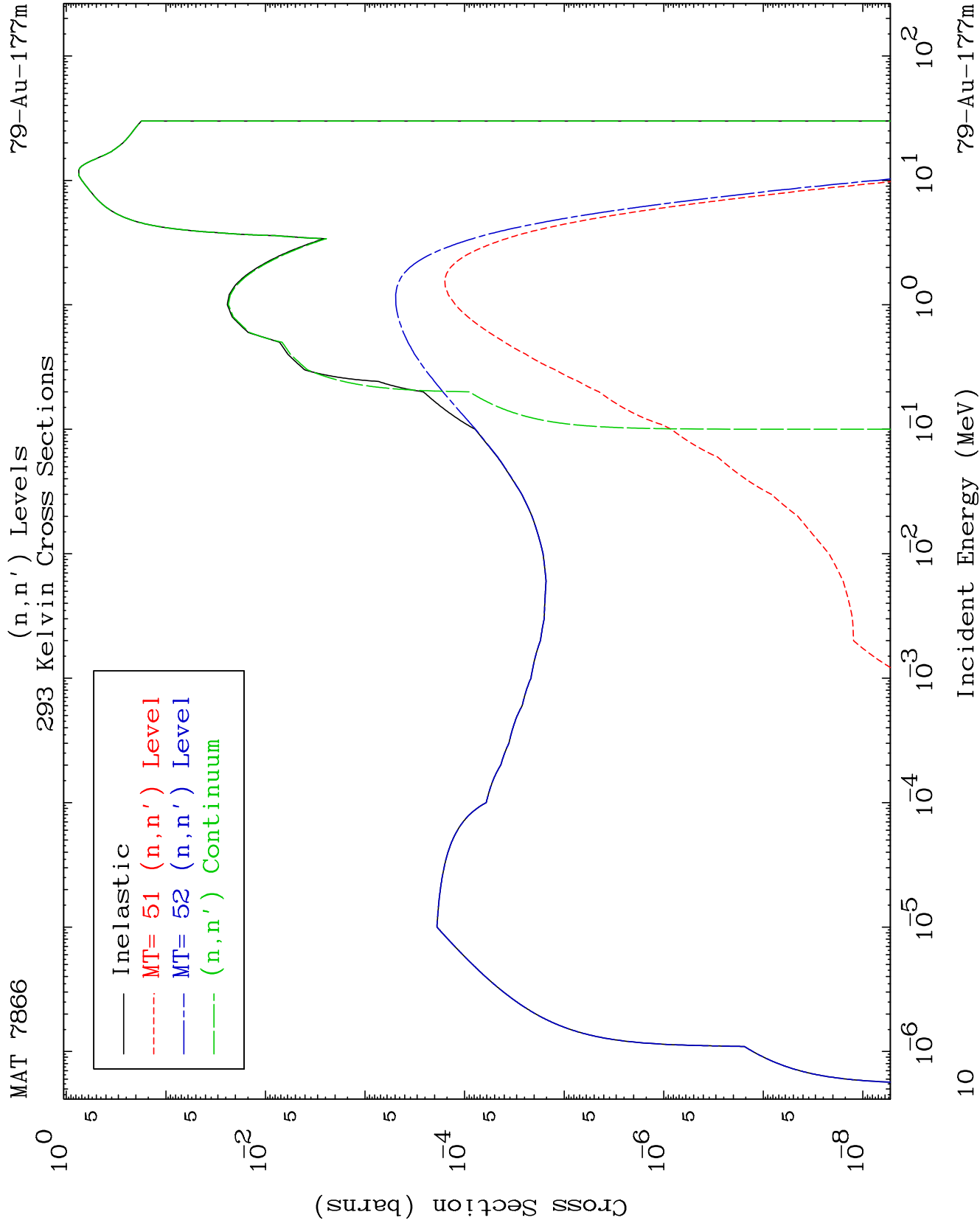


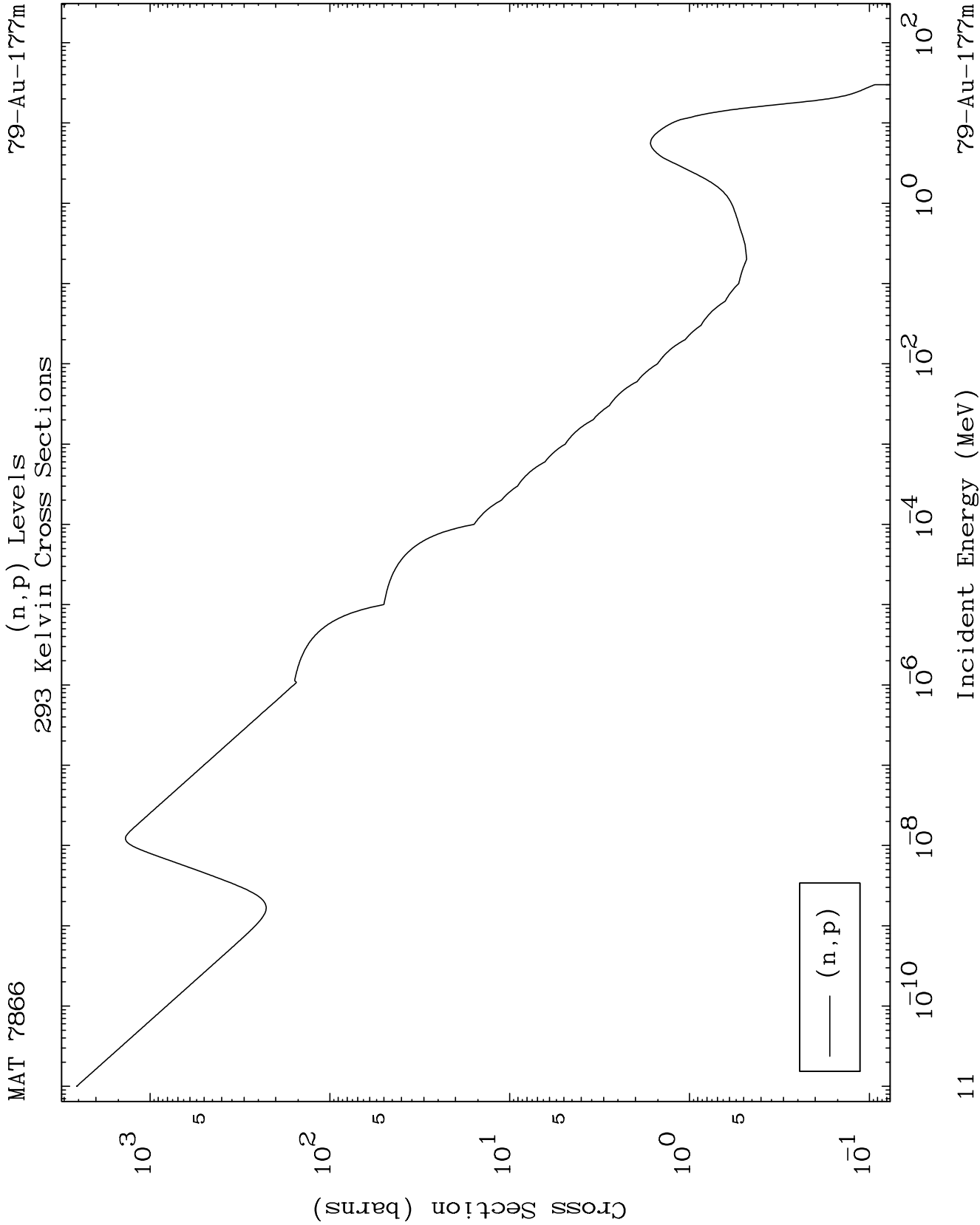








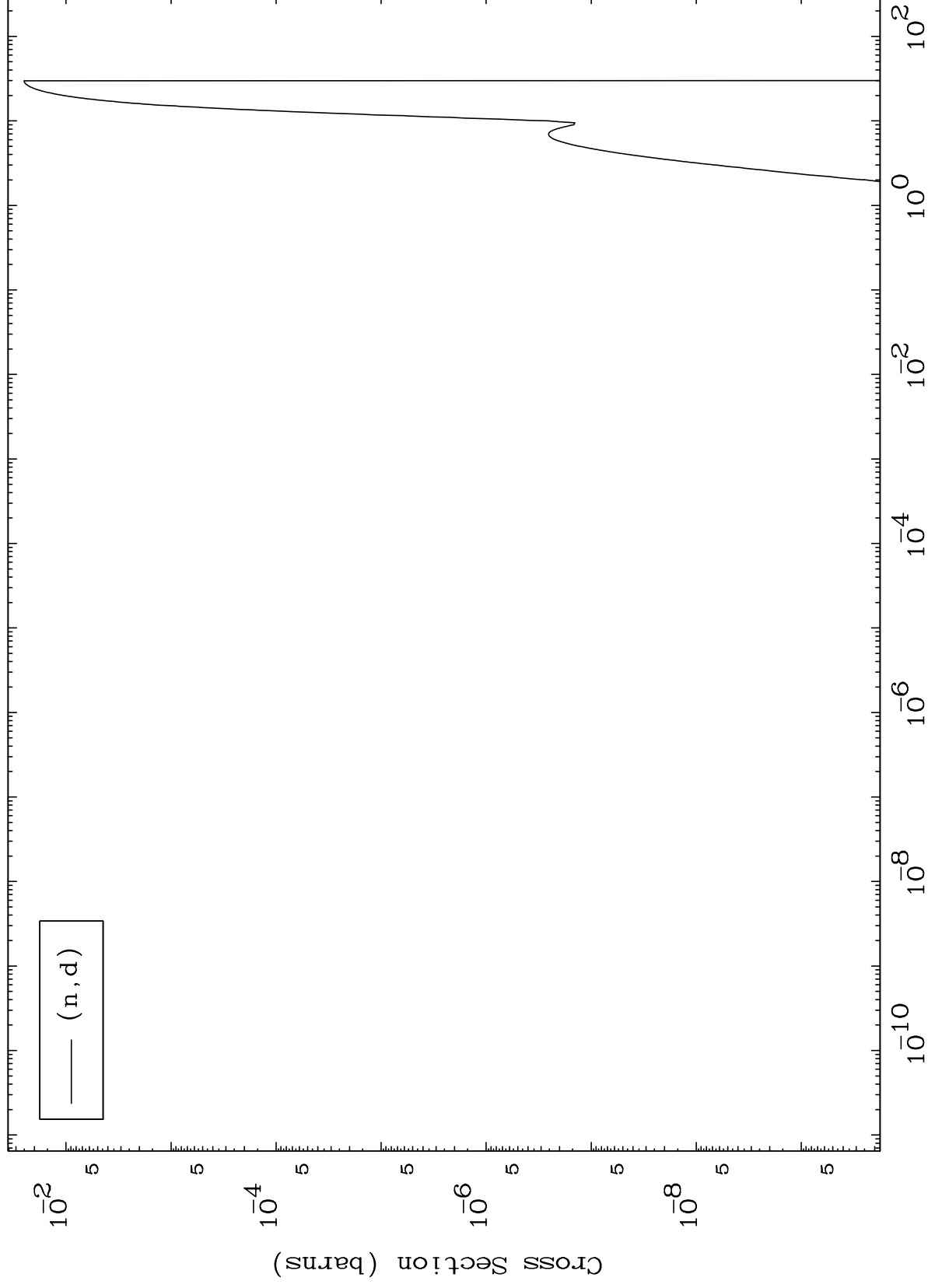




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(n,d) Levels
293 Kelvin Cross Sections

⁷⁹Au-177m



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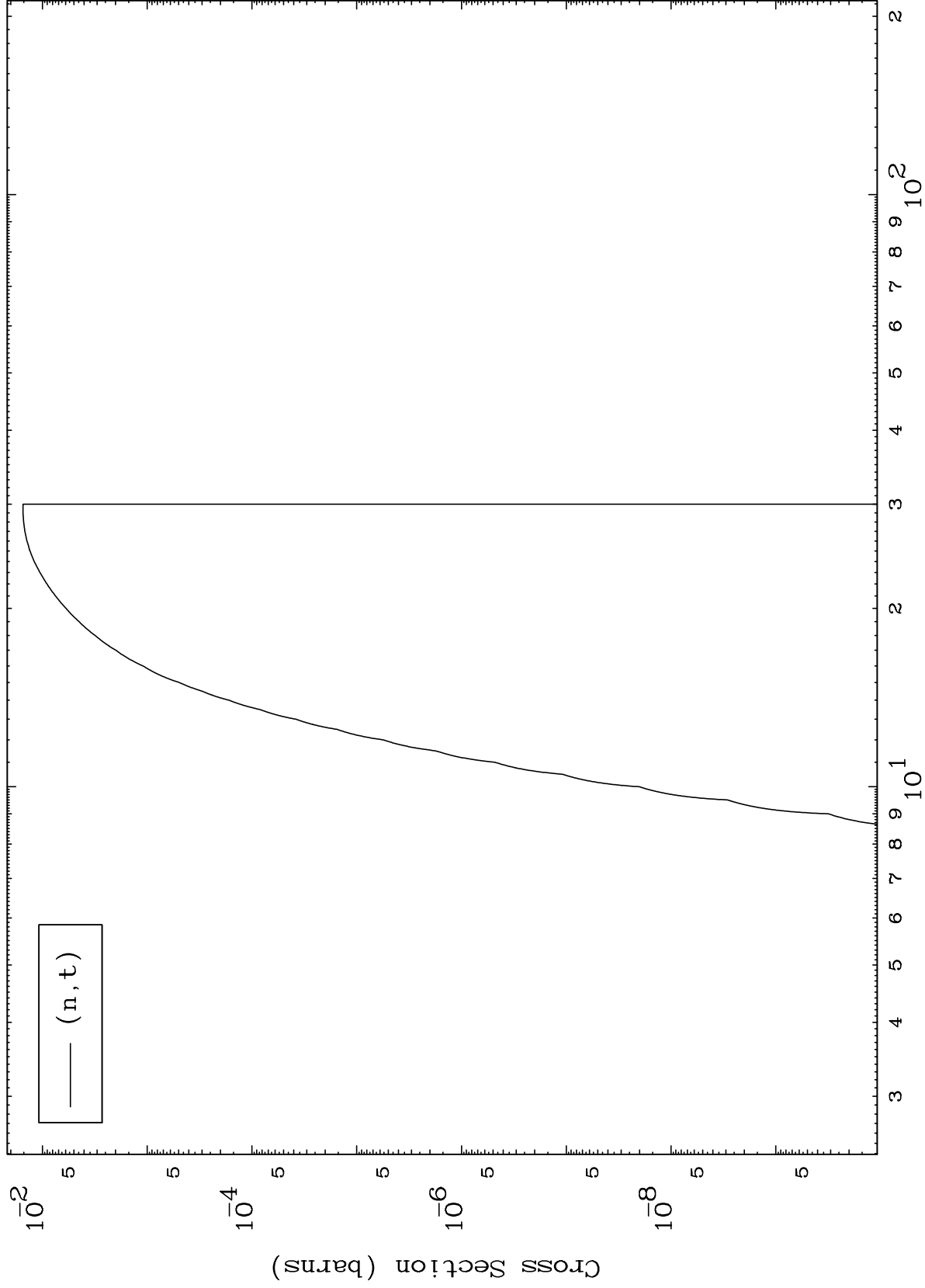
Incident Energy (MeV)

⁷⁹Au-177m

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(n,t) Levels
293 Kelvin Cross Sections

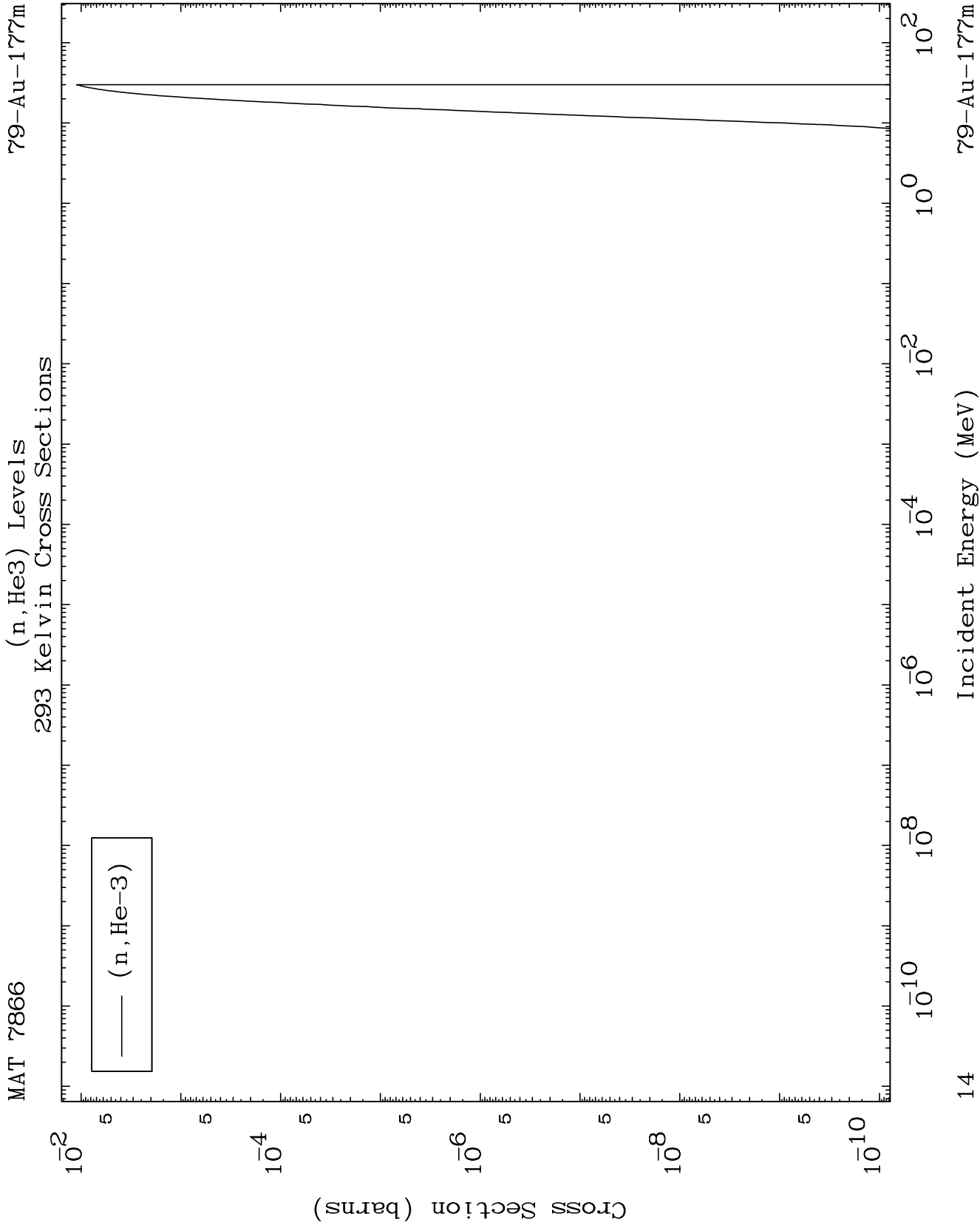
⁷⁹Au-177m



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Incident Energy (MeV)

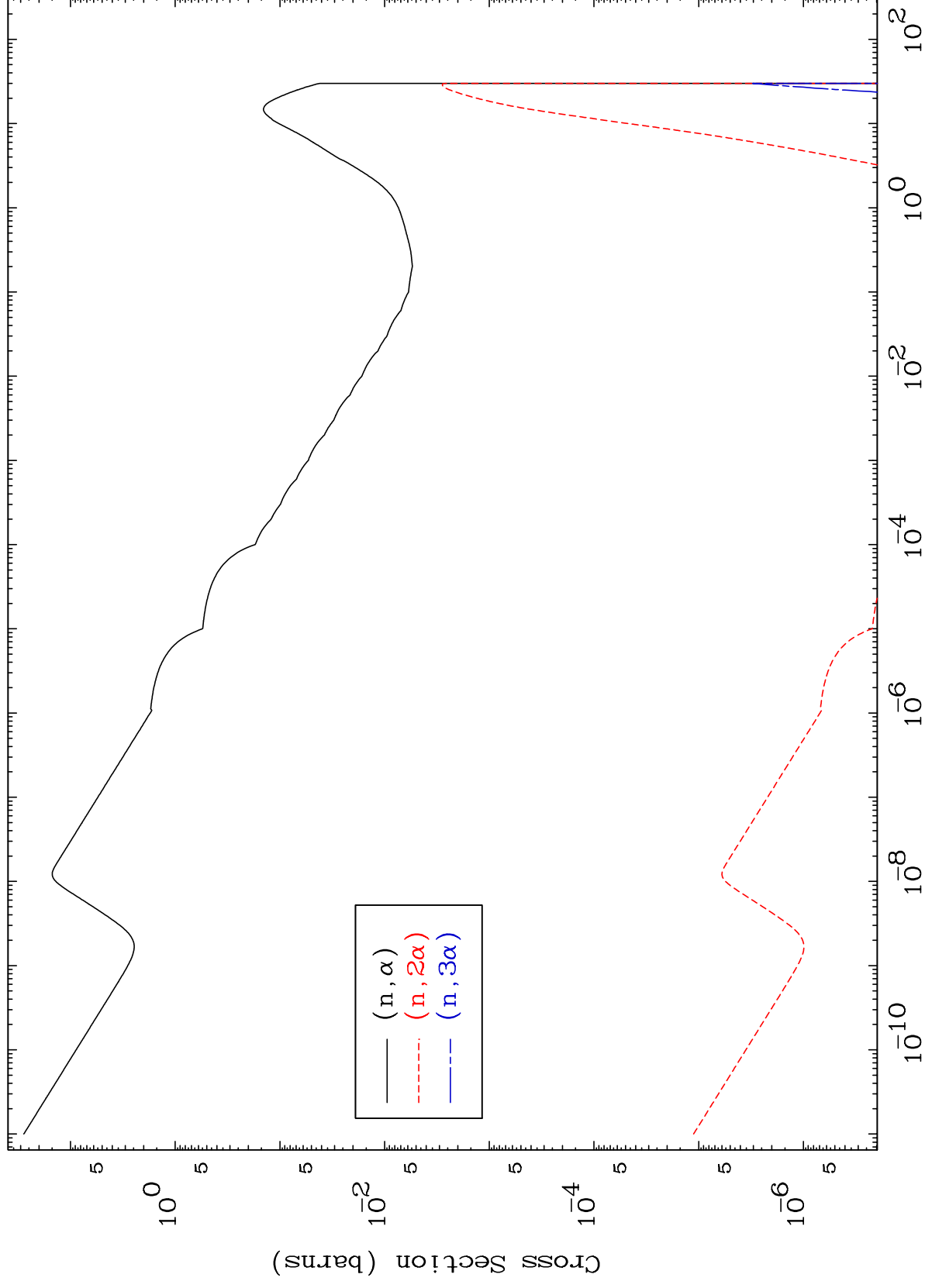
⁷⁹Au-177m



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(n, α) Levels
293 Kelvin Cross Sections

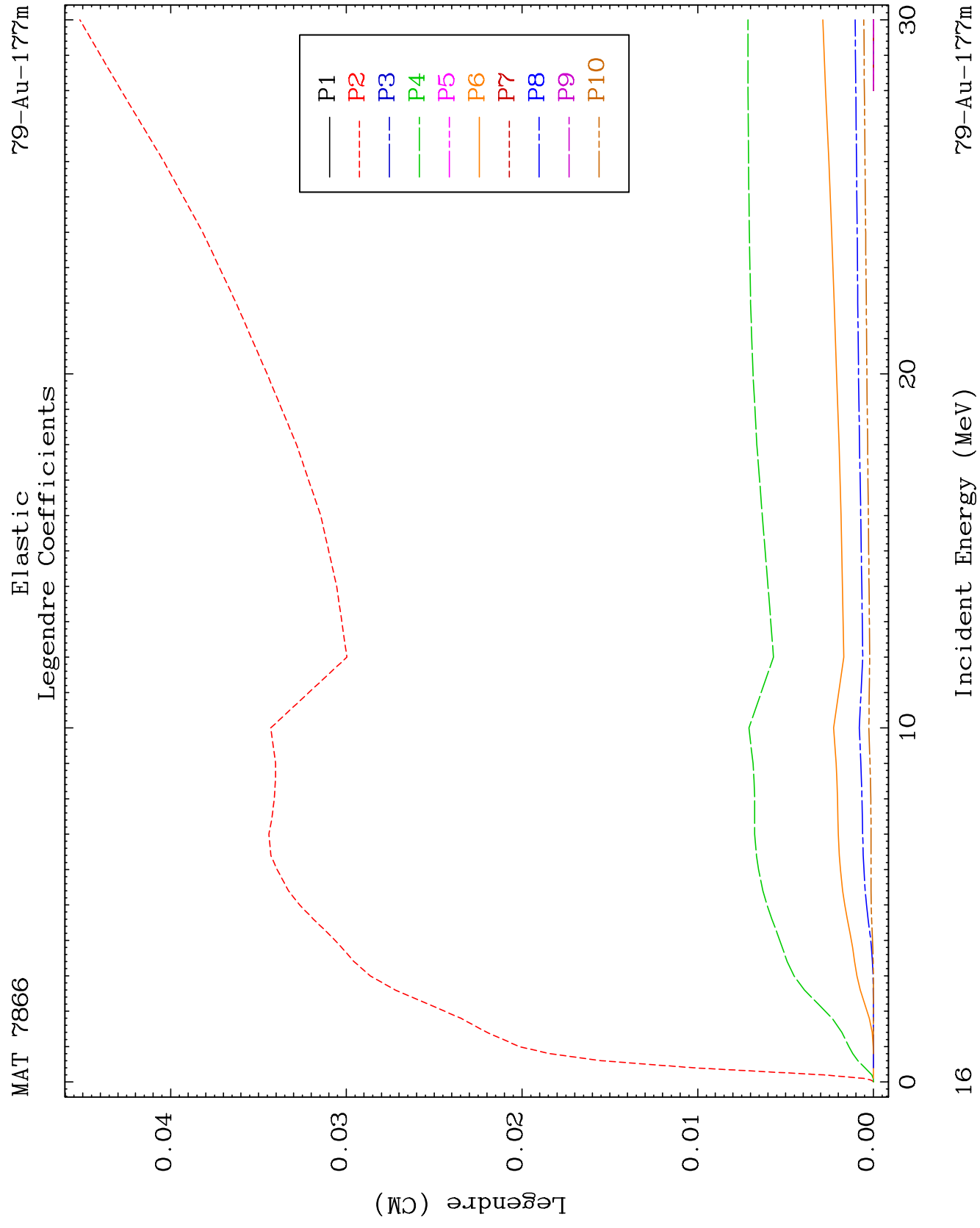
⁷⁹Au-177m

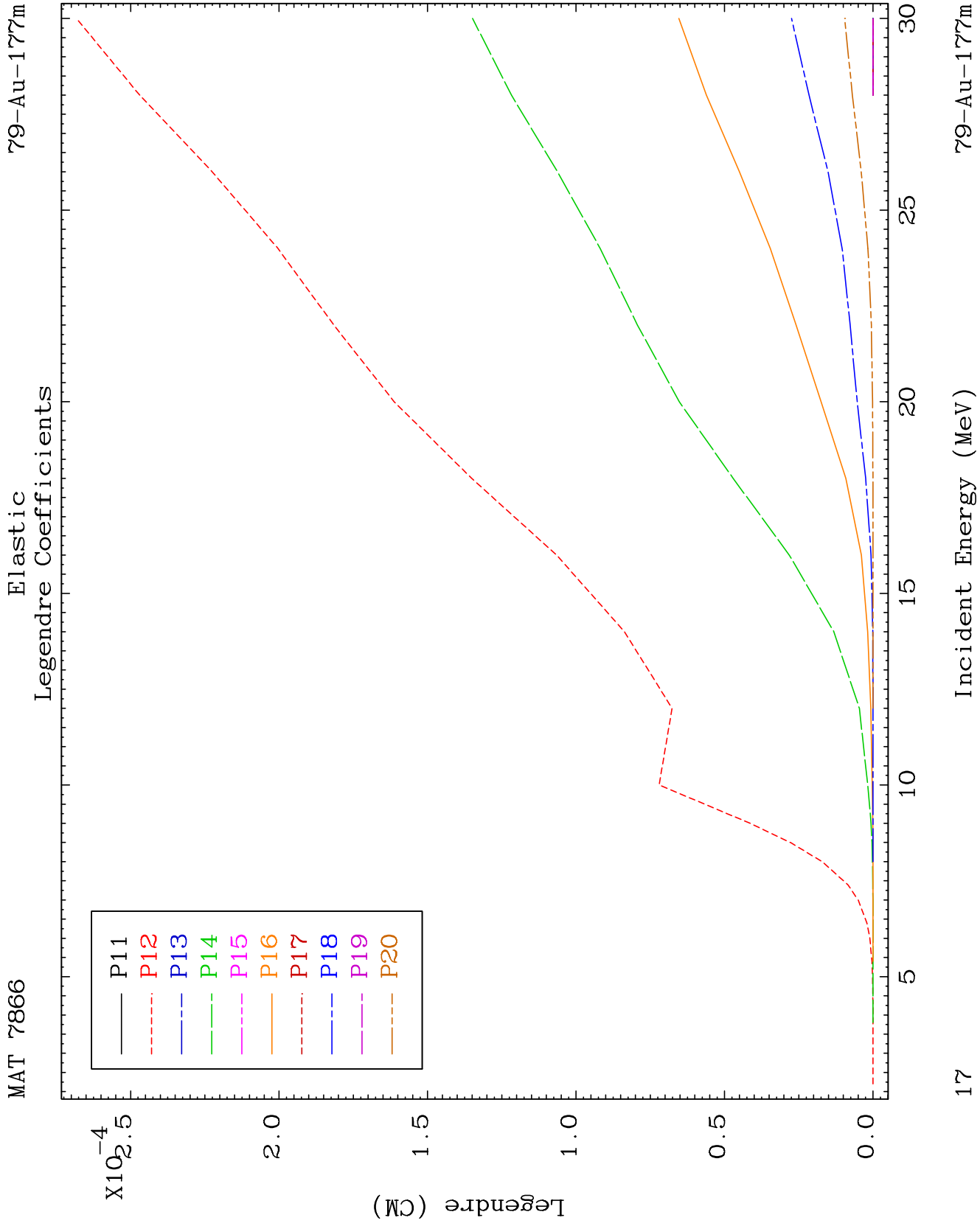


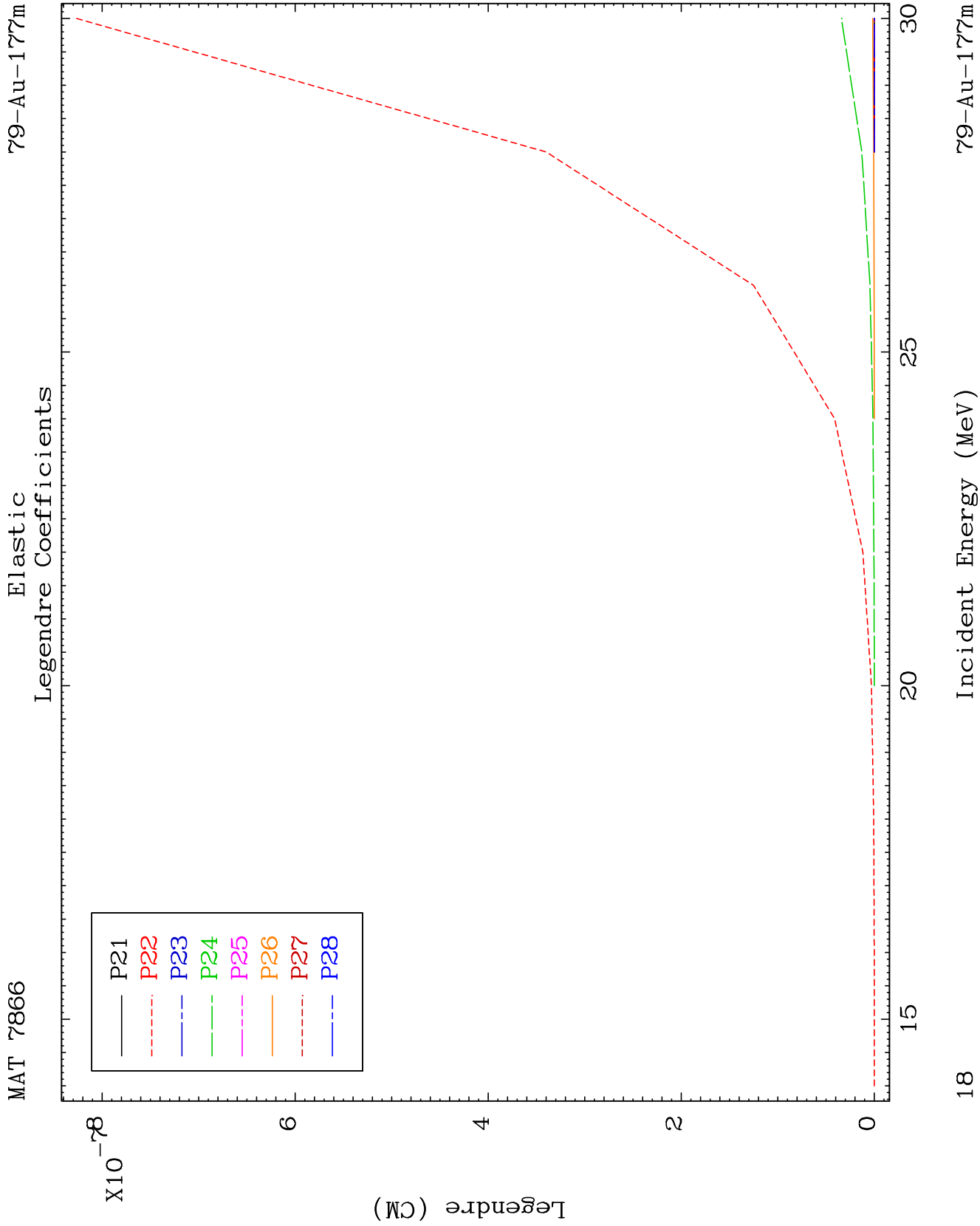
15

Incident Energy (MeV)

⁷⁹Au-177m



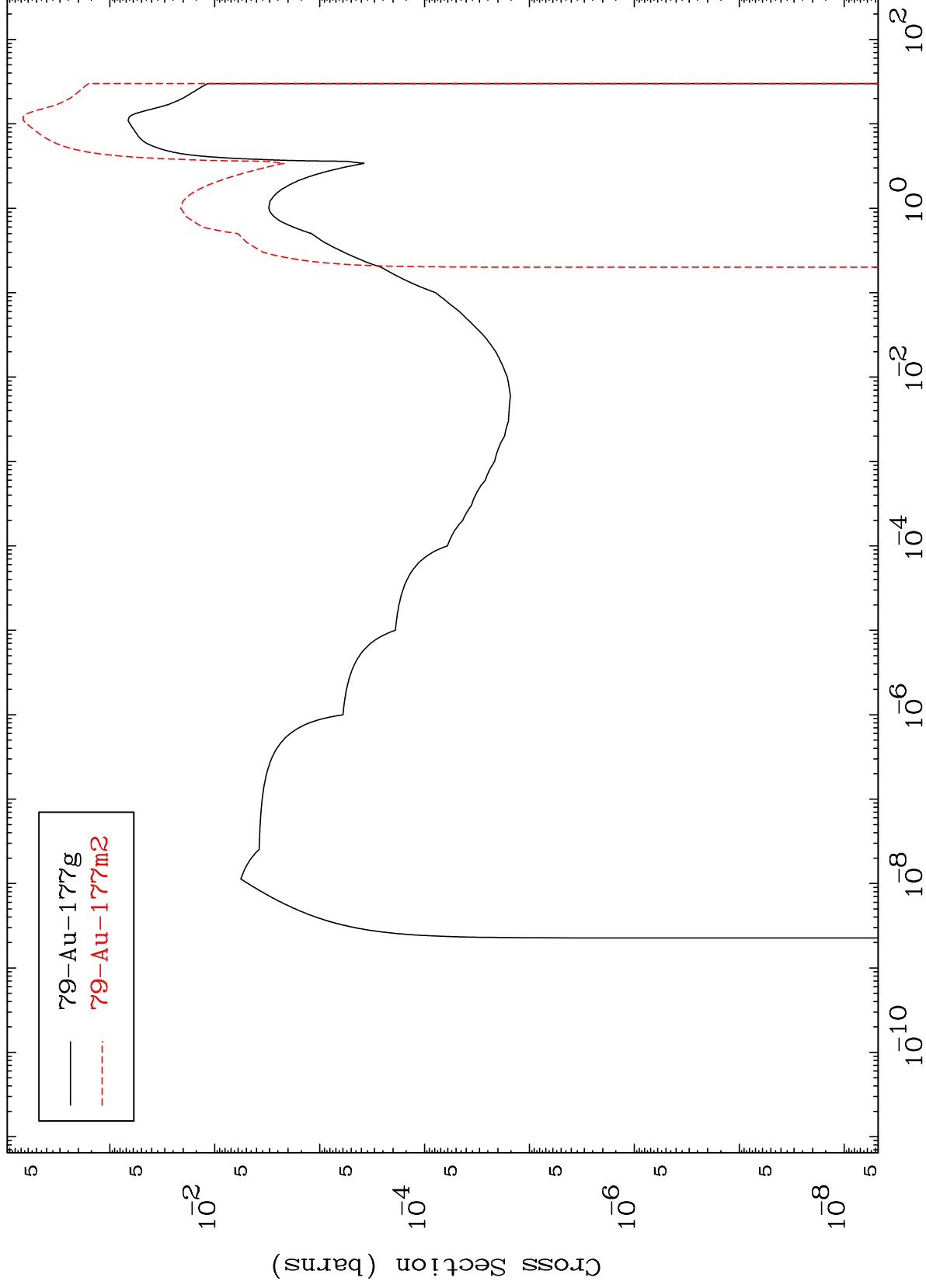




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Inelastic
Radionuclide Production Cross Section

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



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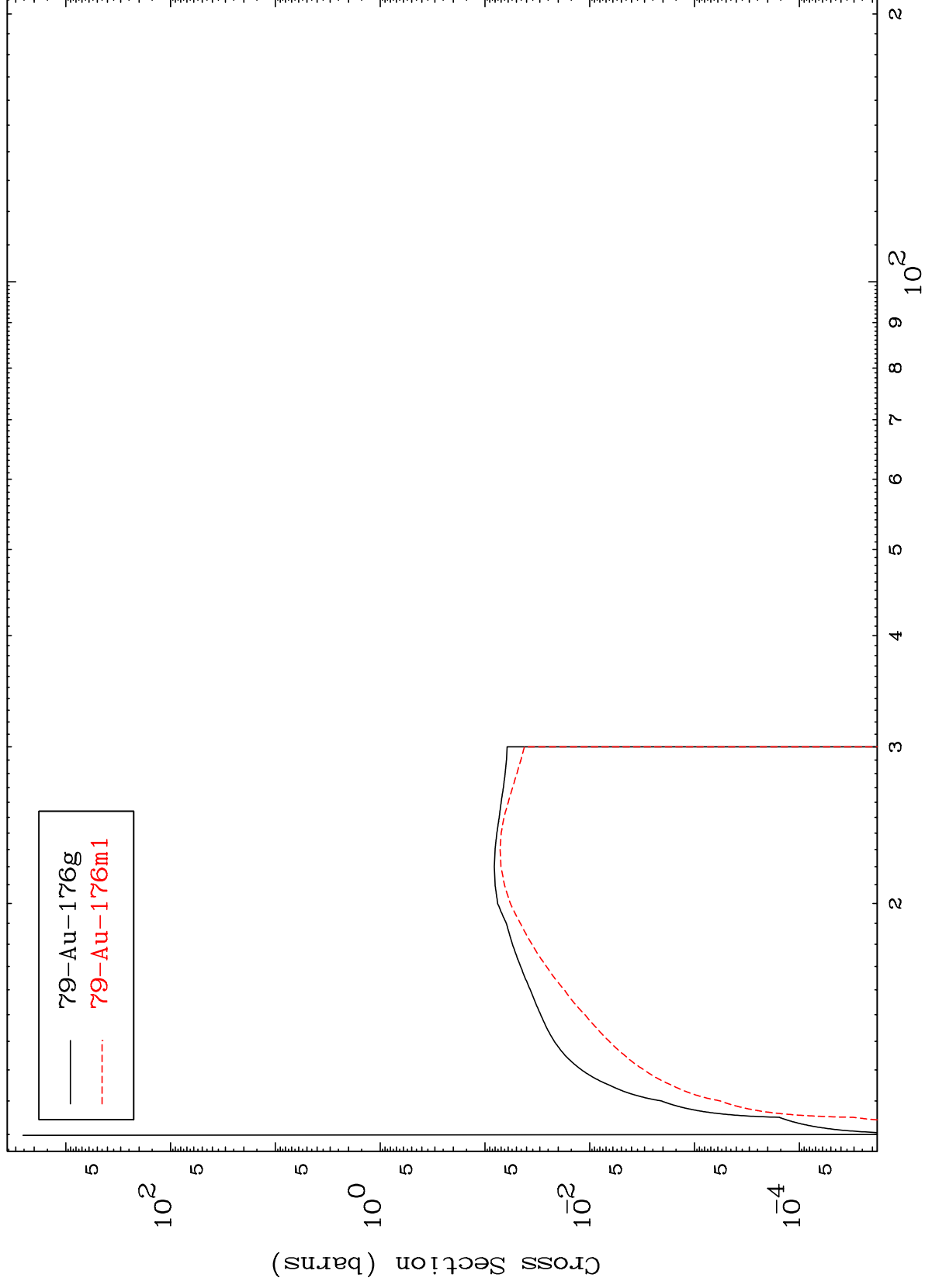
Incident Energy (MeV)

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

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Radionuclide Production Cross Section
(n,2n)

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



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Incident Energy (MeV)

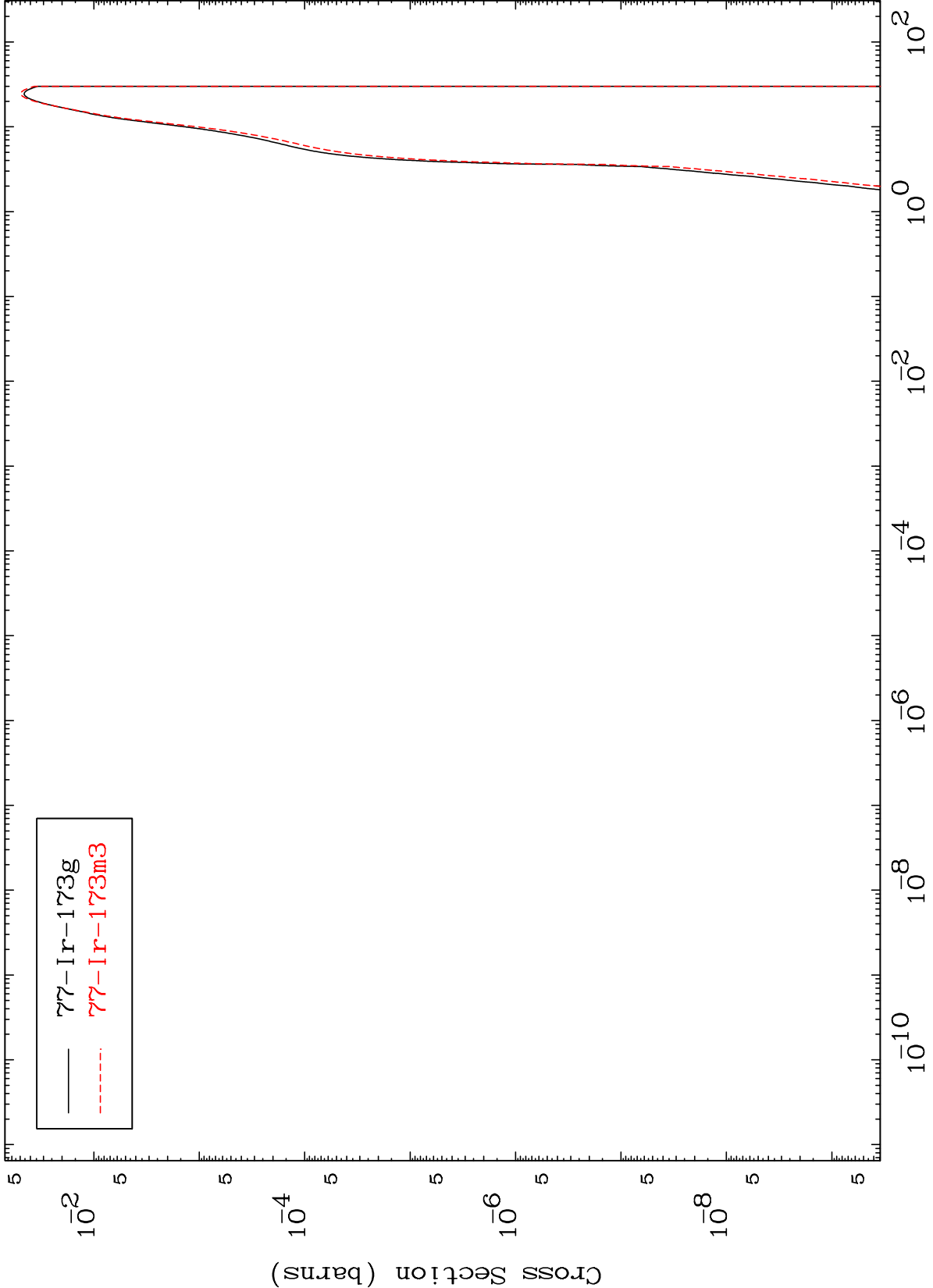
$^{79}\text{Au-177m}$

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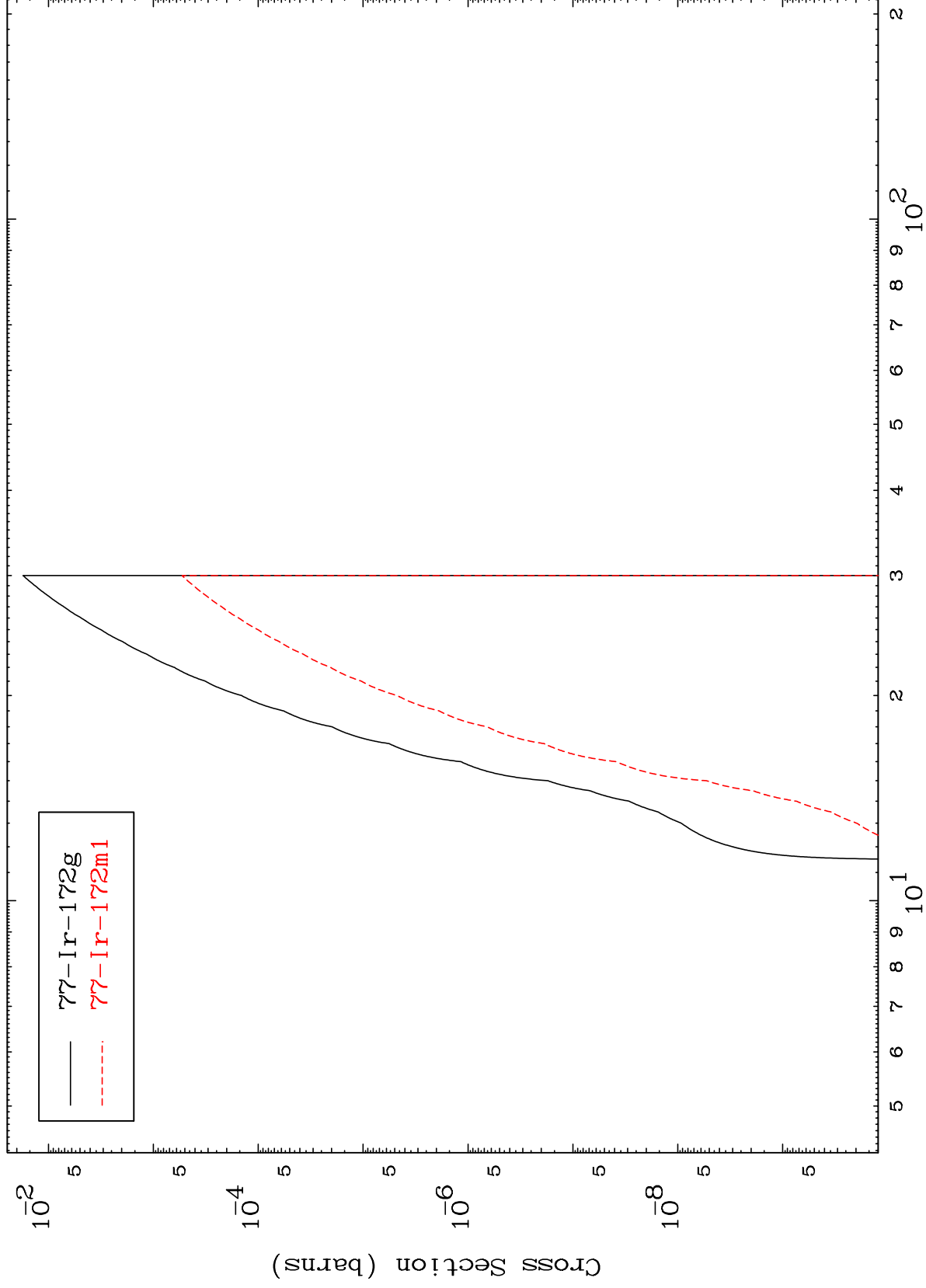
$(n,n') \alpha$

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

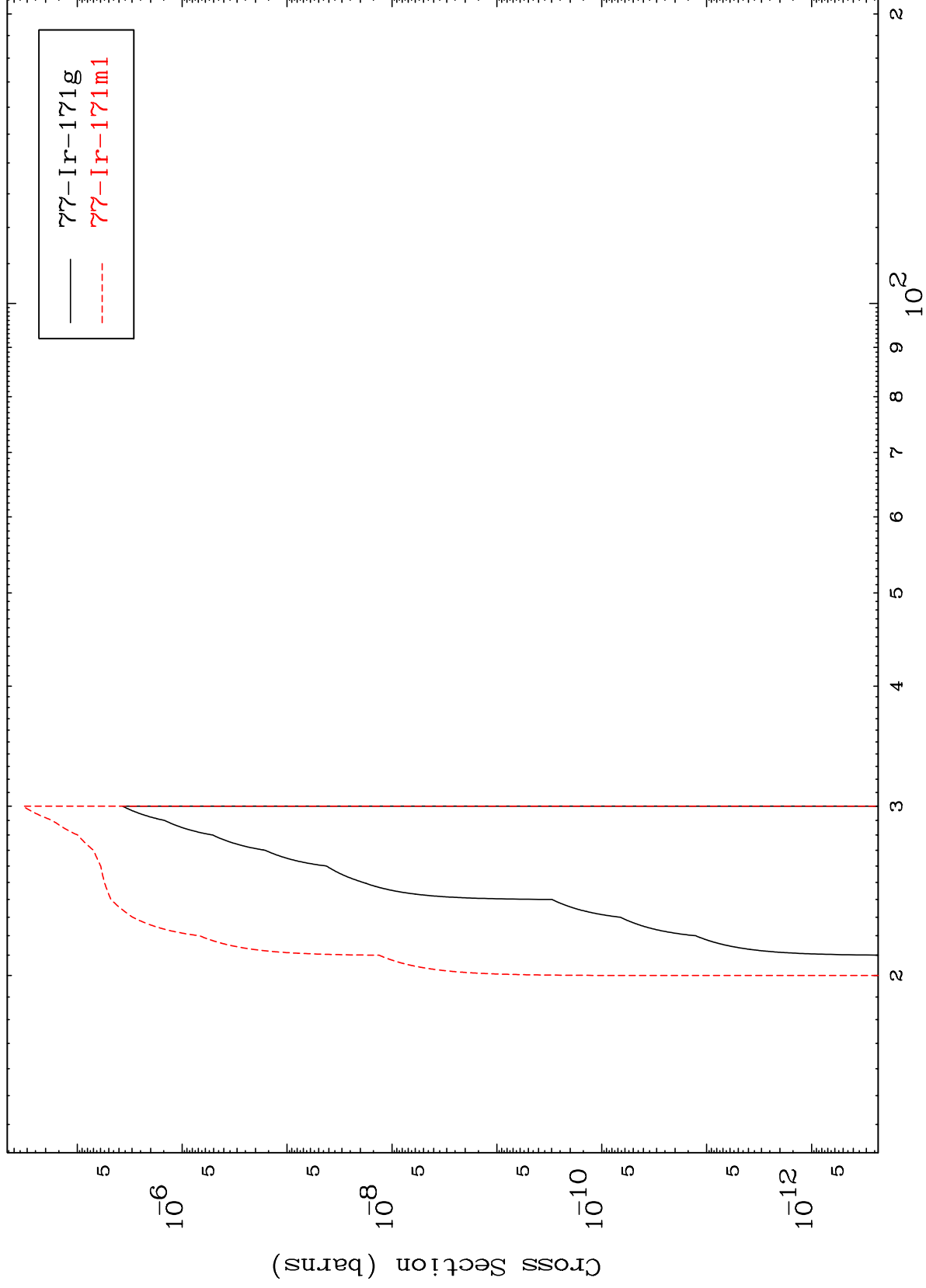
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

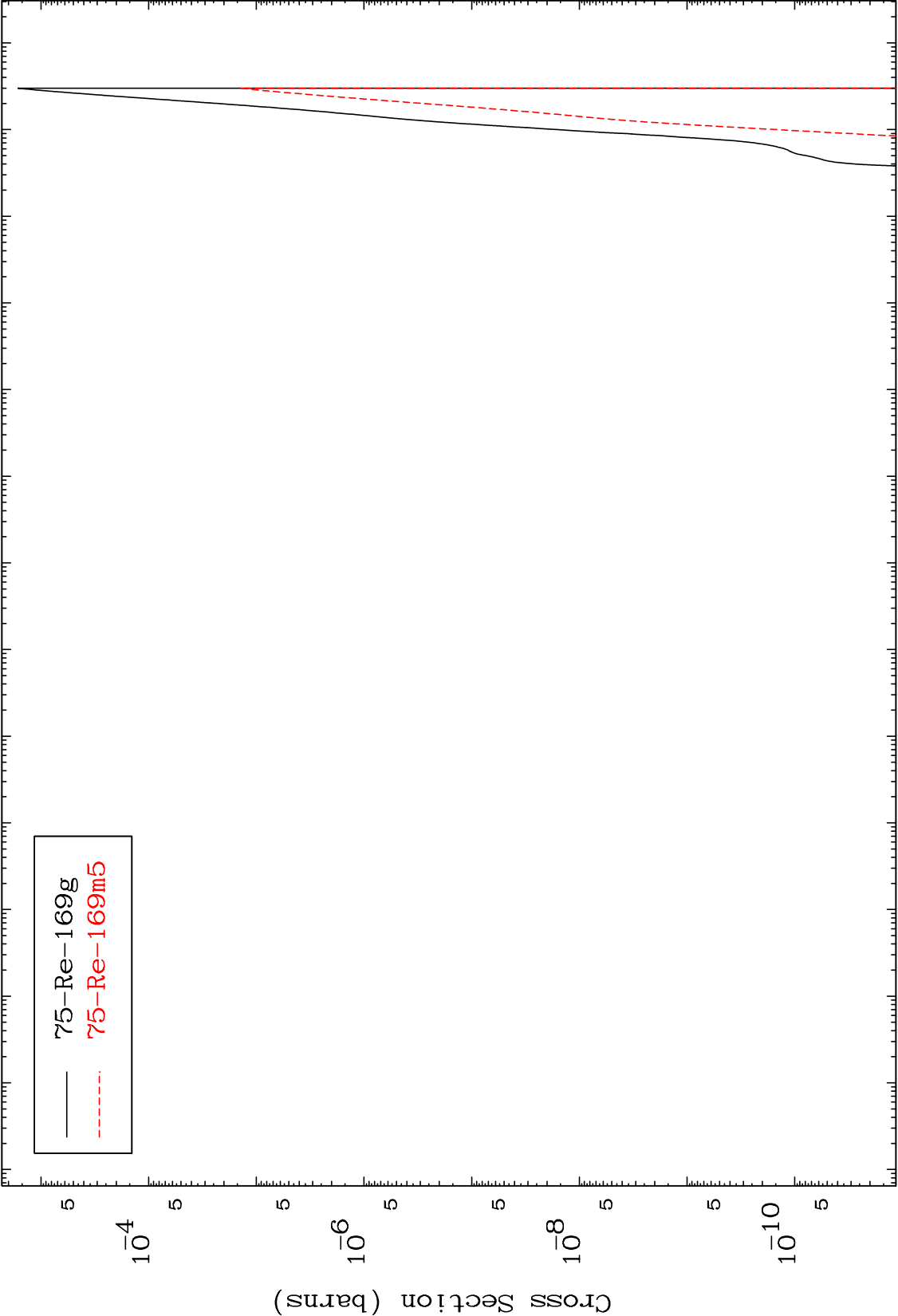


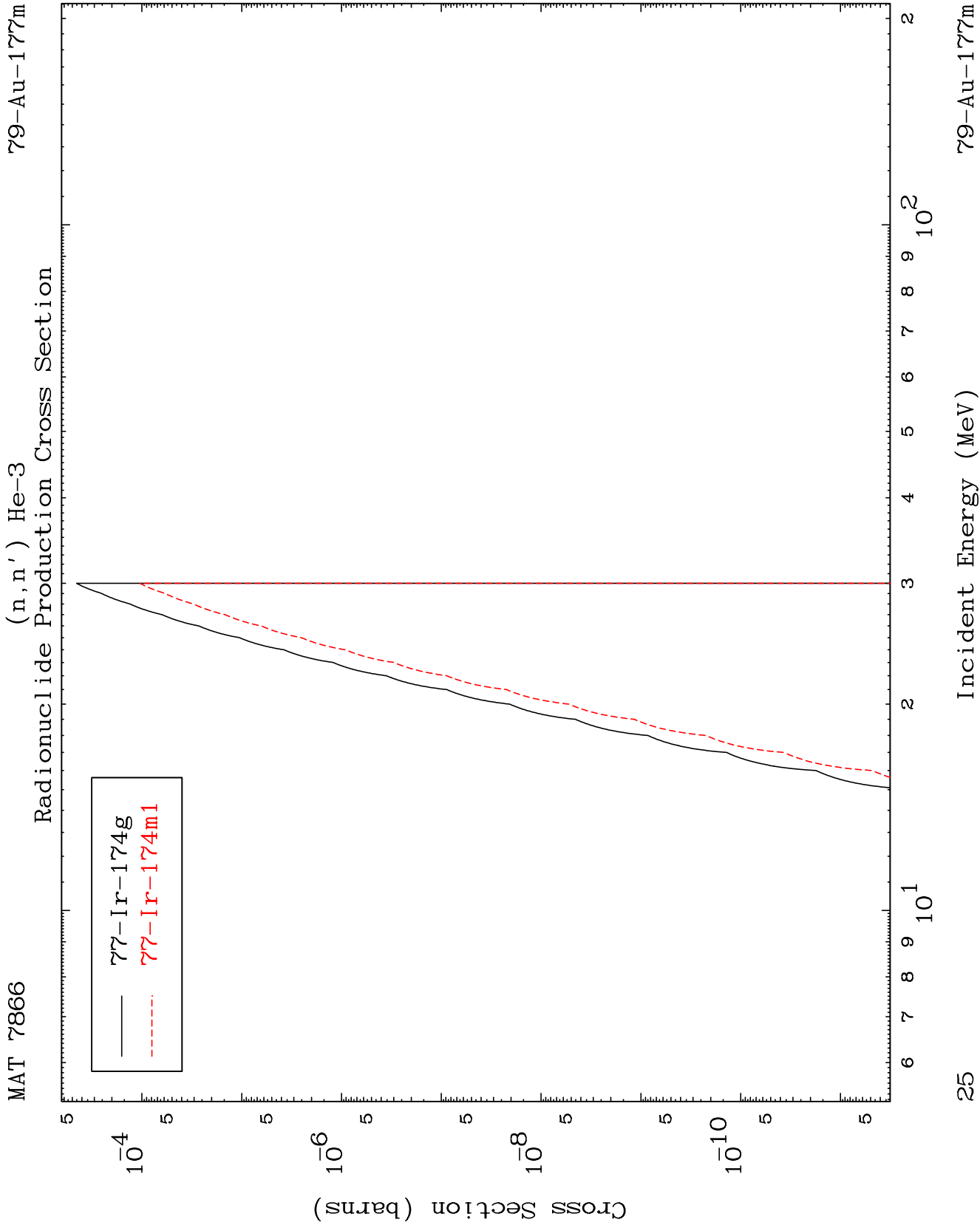
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(n,n') 2 α

⁷⁹Au-177m

Radionuclide Production Cross Section



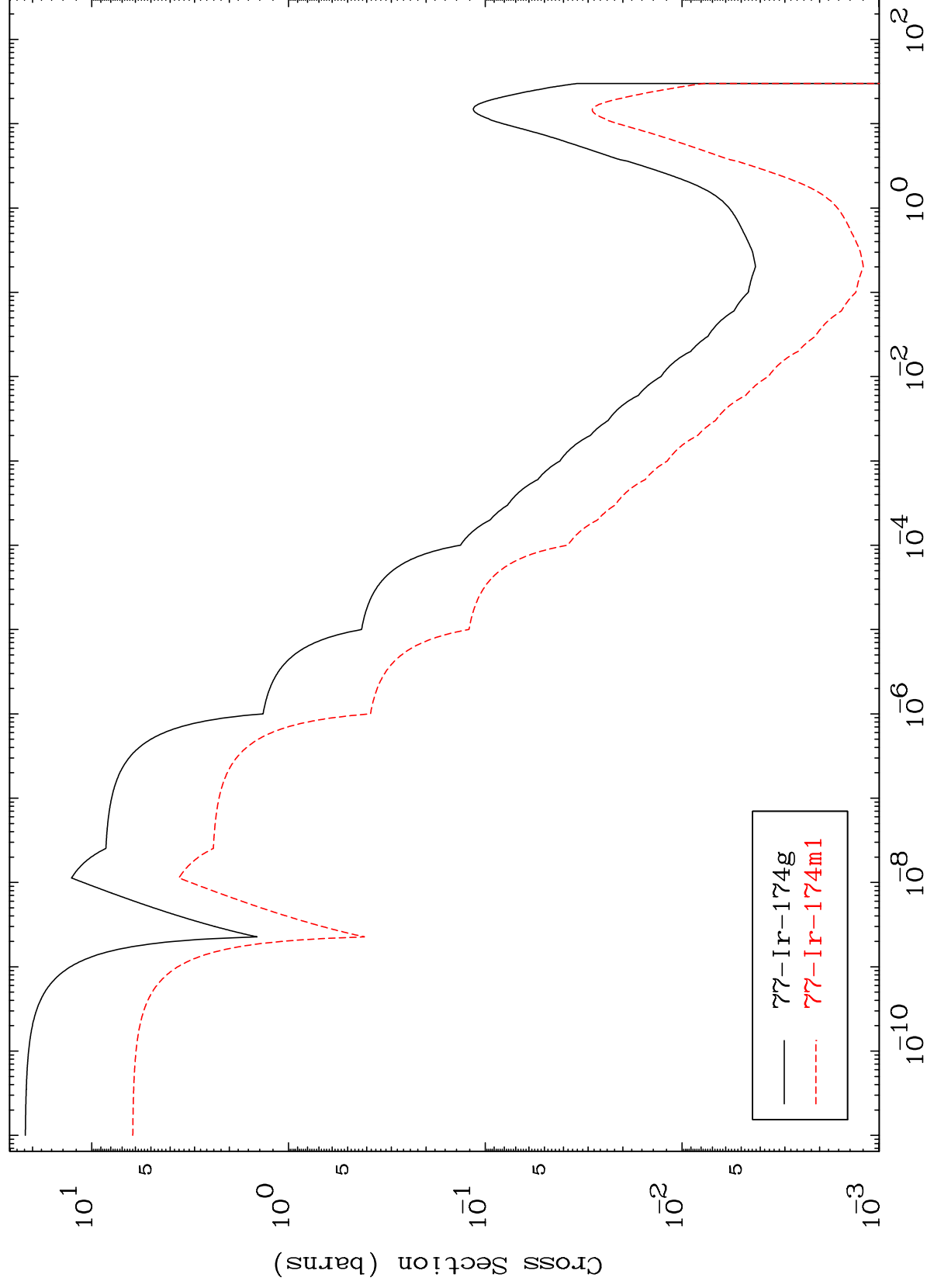


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$^{79}\text{Au-177m}$

Radionuclide Production Cross Section

(n, α)



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Incident Energy (MeV)

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

