

Program EVALPLOT
(Version 2021-1)

by

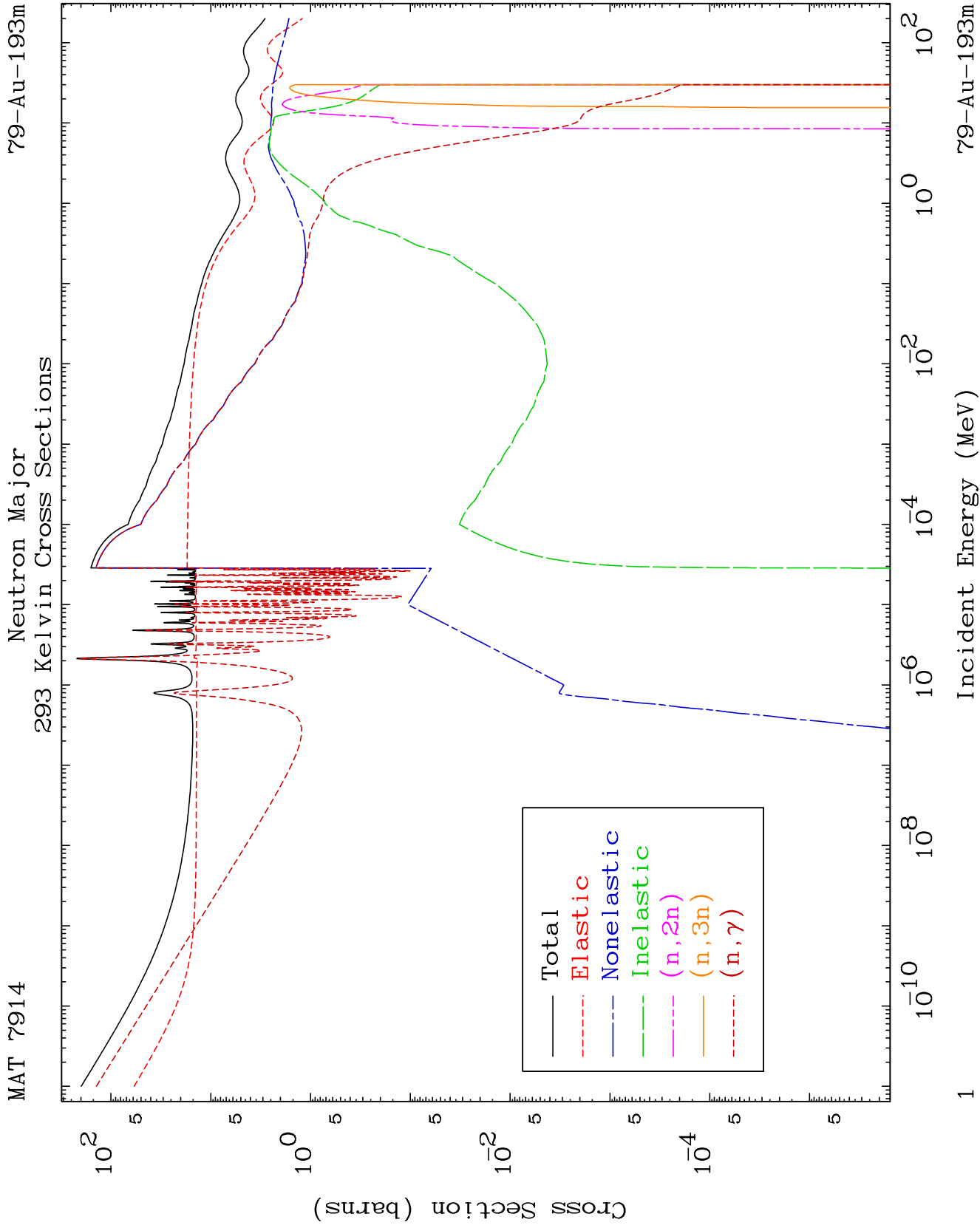
Dermott E. Cullen
(Present Contact Information)

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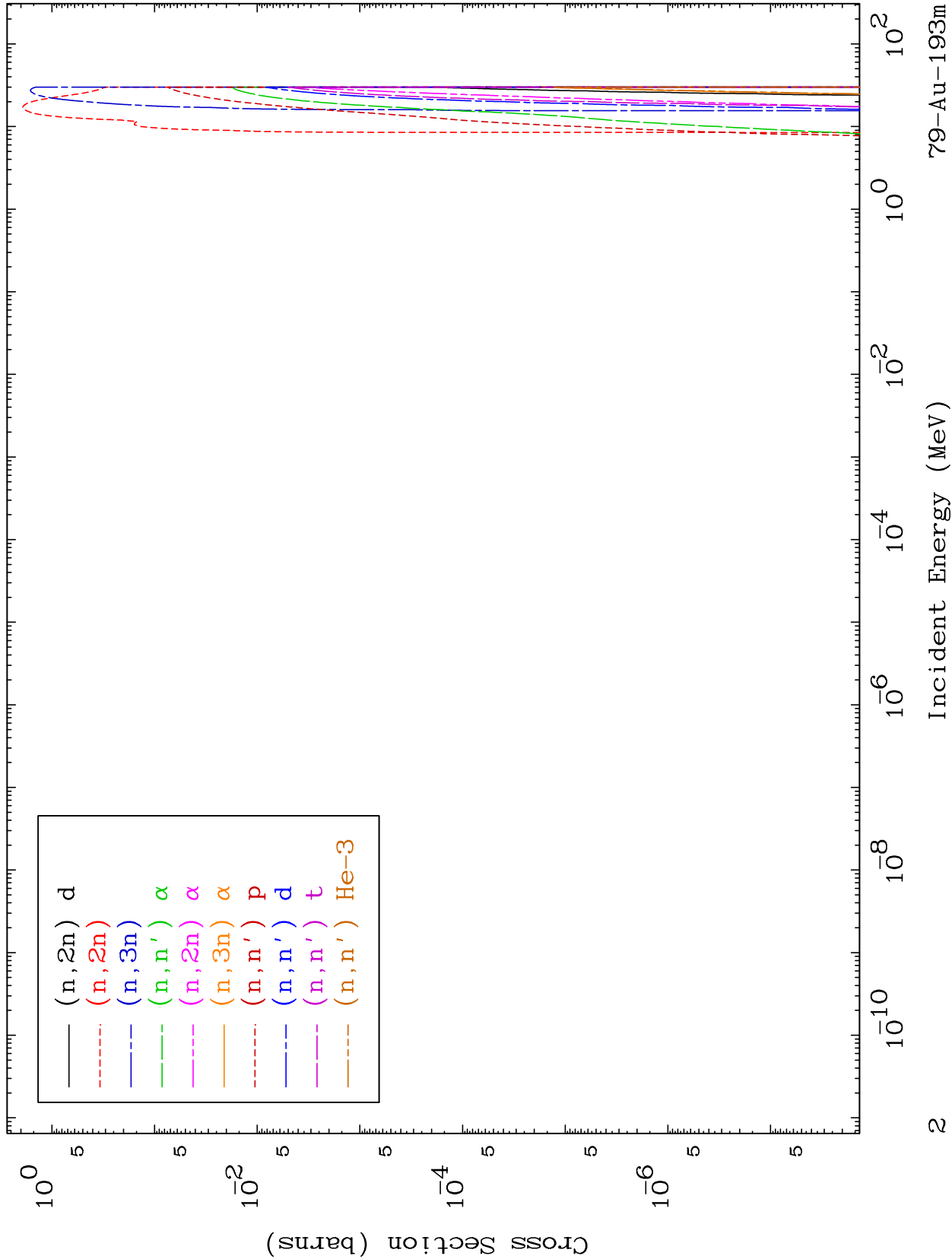
Press Mouse Button to Start

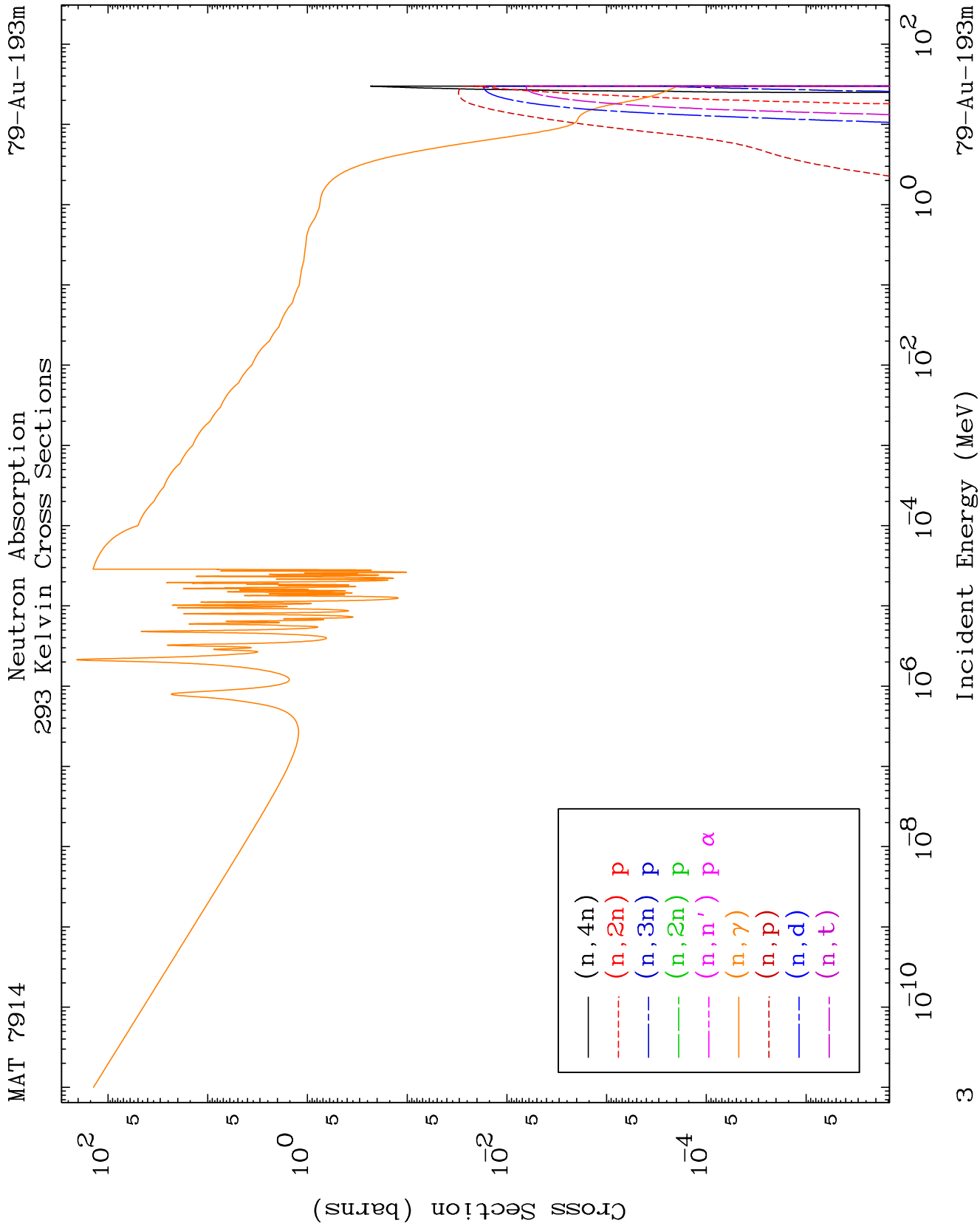


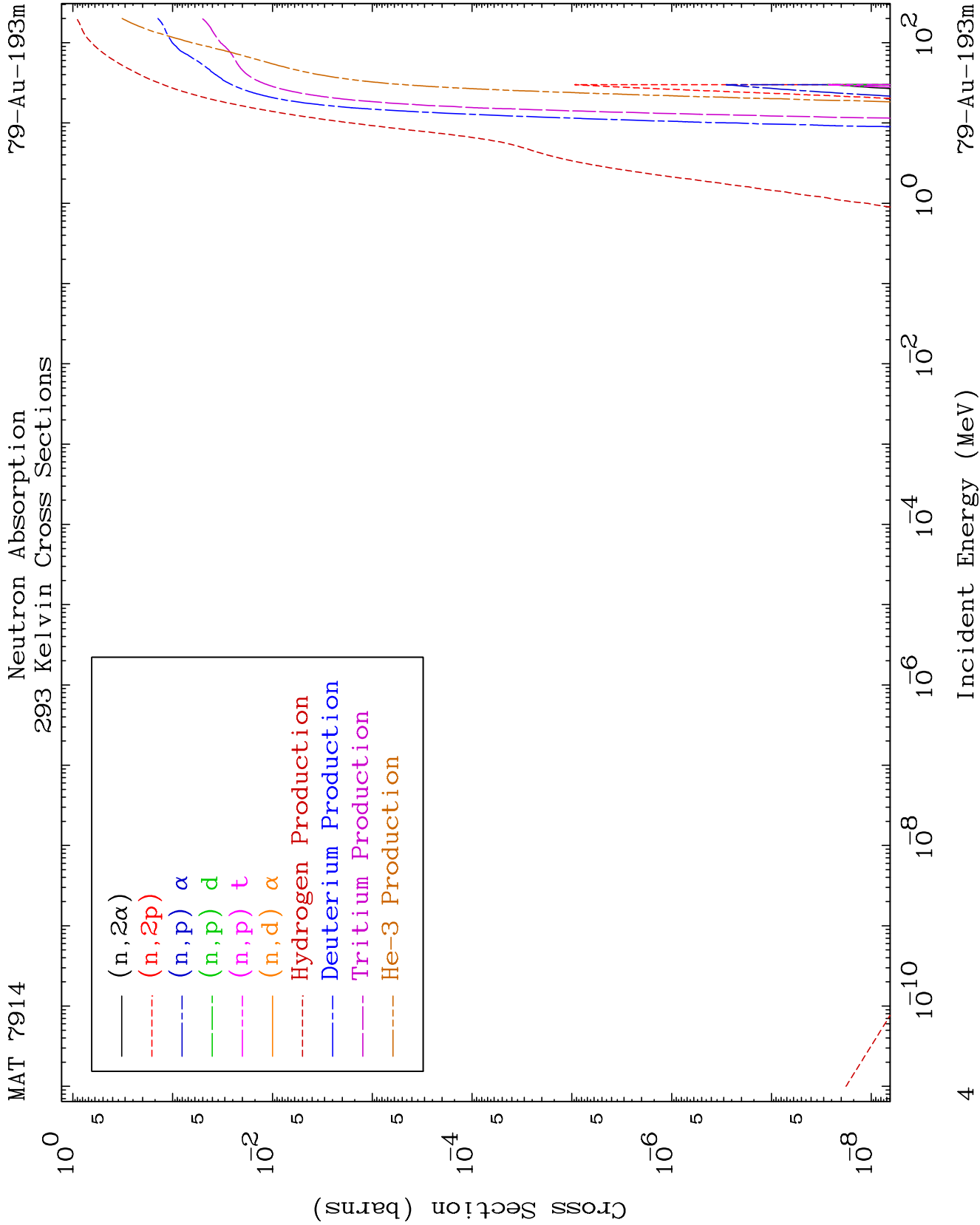
MAT 7914

Neutron Absorption
293 Kelvin Cross Sections

79-Au-193m



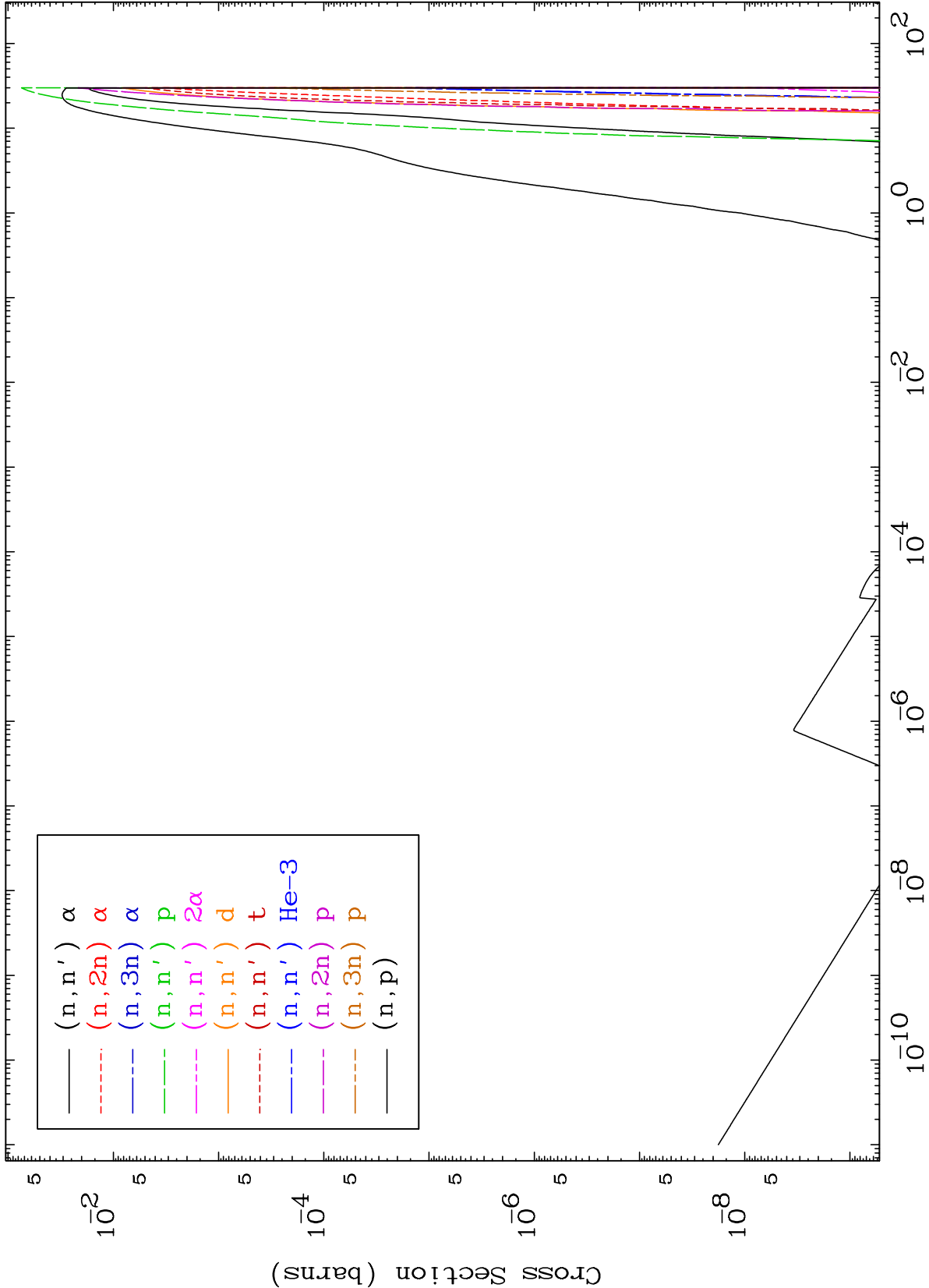


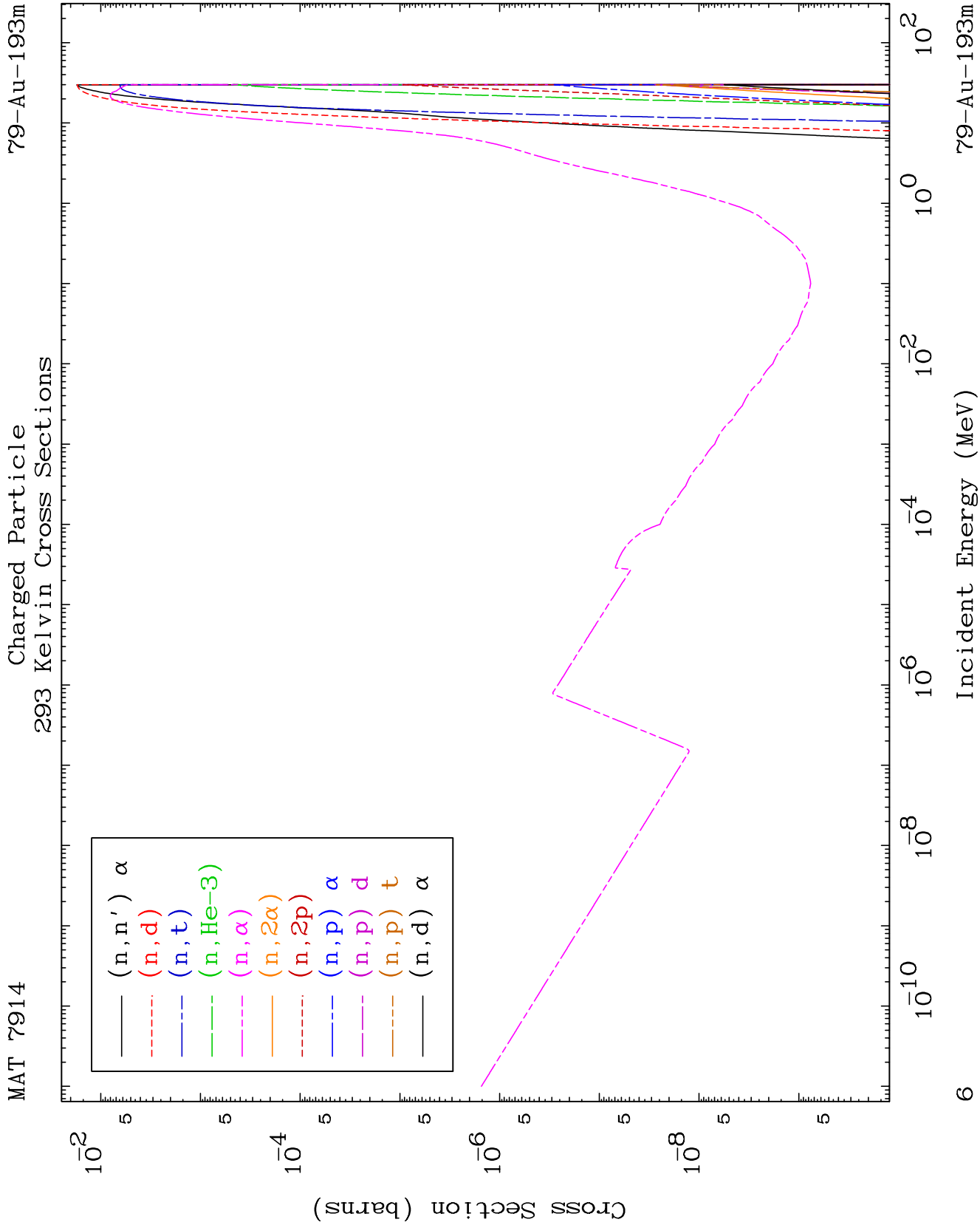


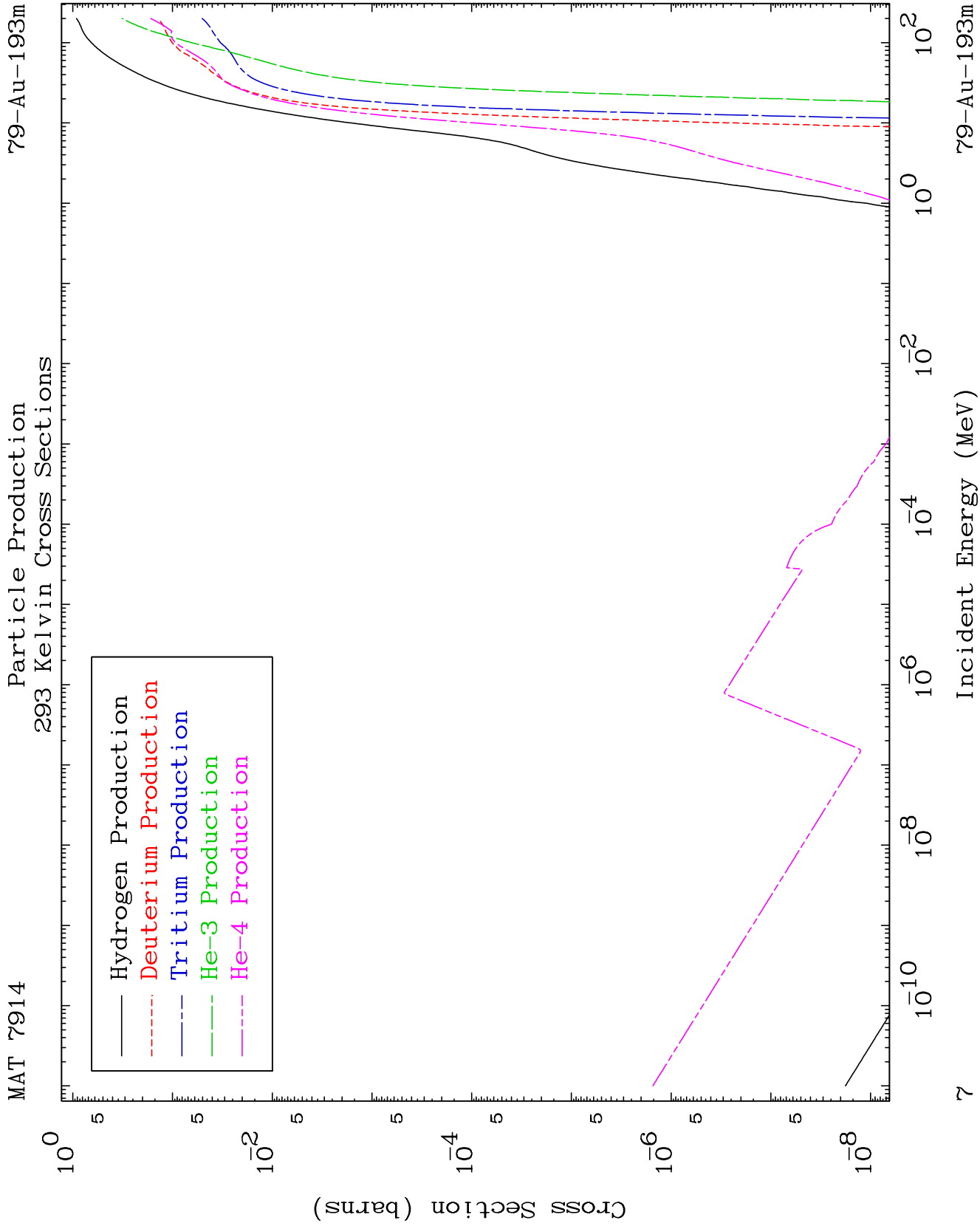
MAT 7914

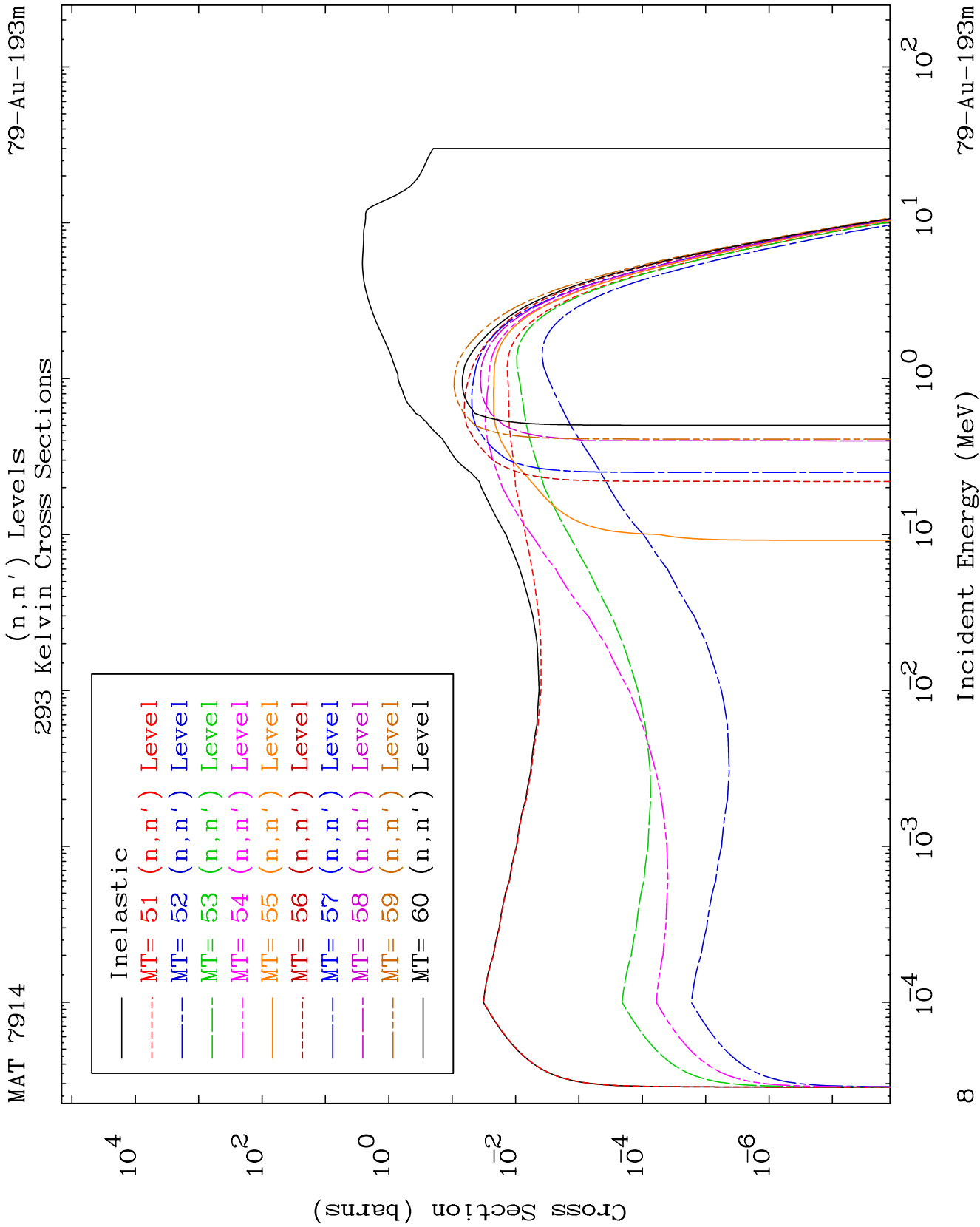
Charged Particle
293 Kelvin Cross Sections

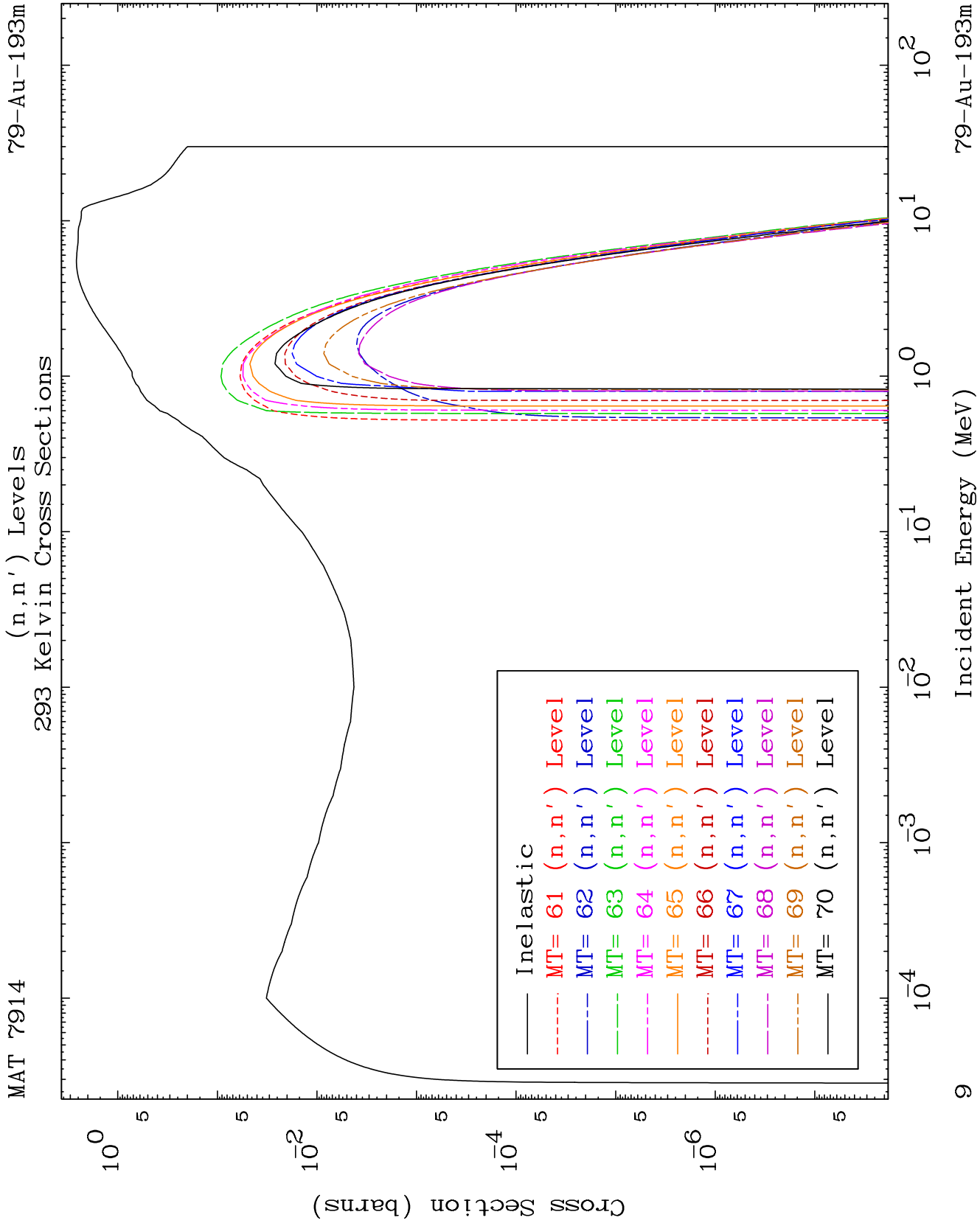
⁷⁹Au-193m

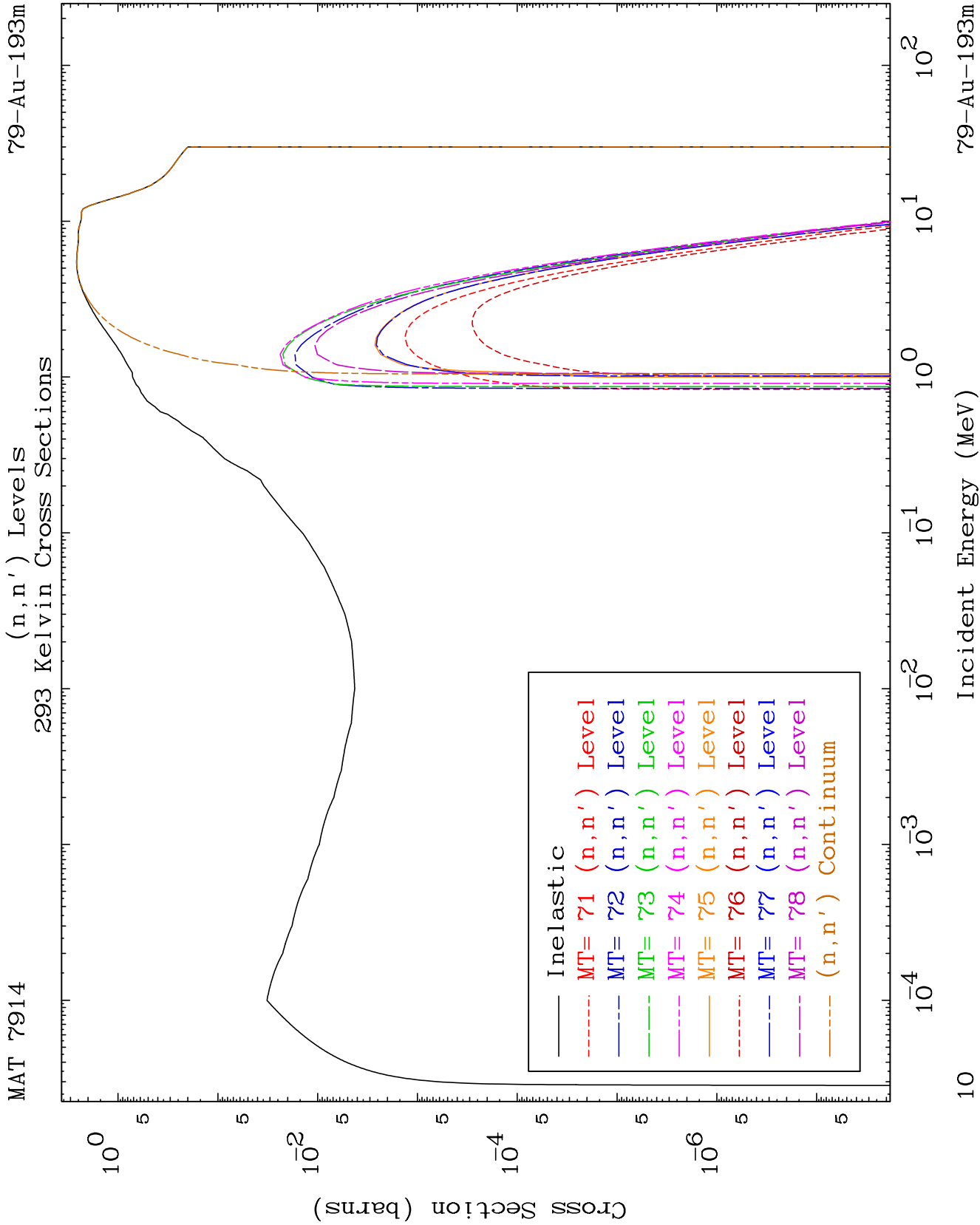








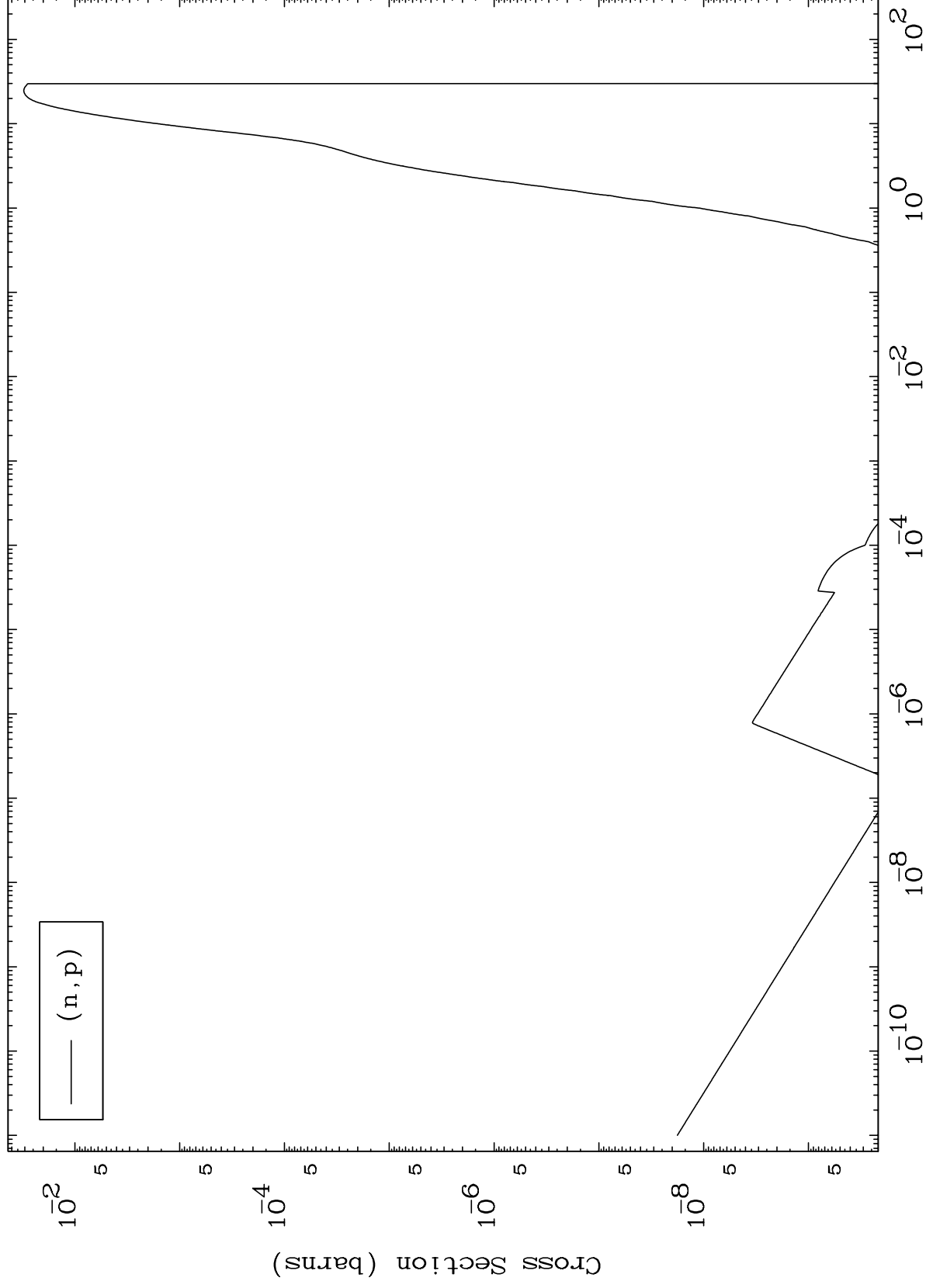


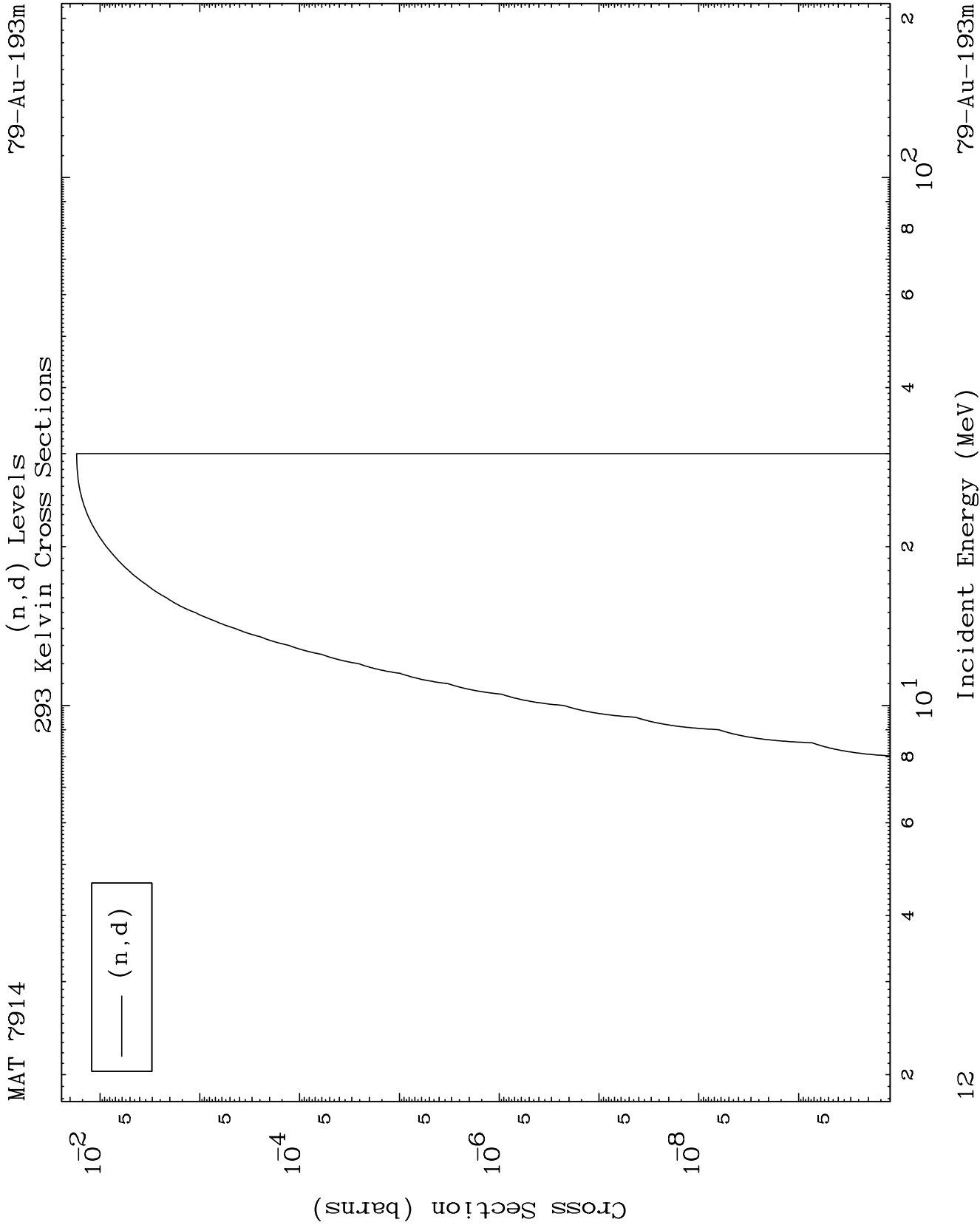


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(n,p) Levels
293 Kelvin Cross Sections

⁷⁹Au-193m

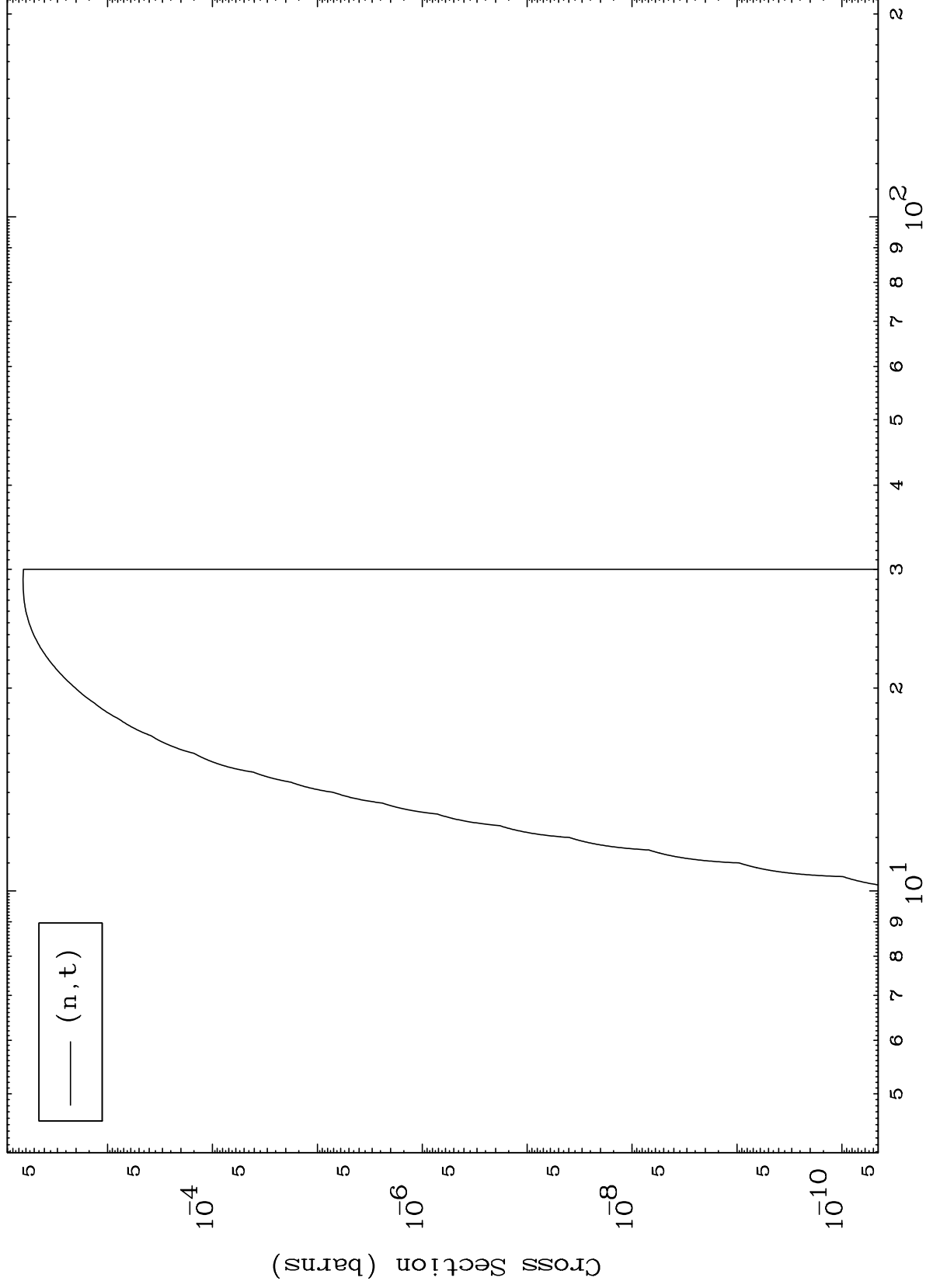




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79-Au-193m

(n,t) Levels
293 Kelvin Cross Sections



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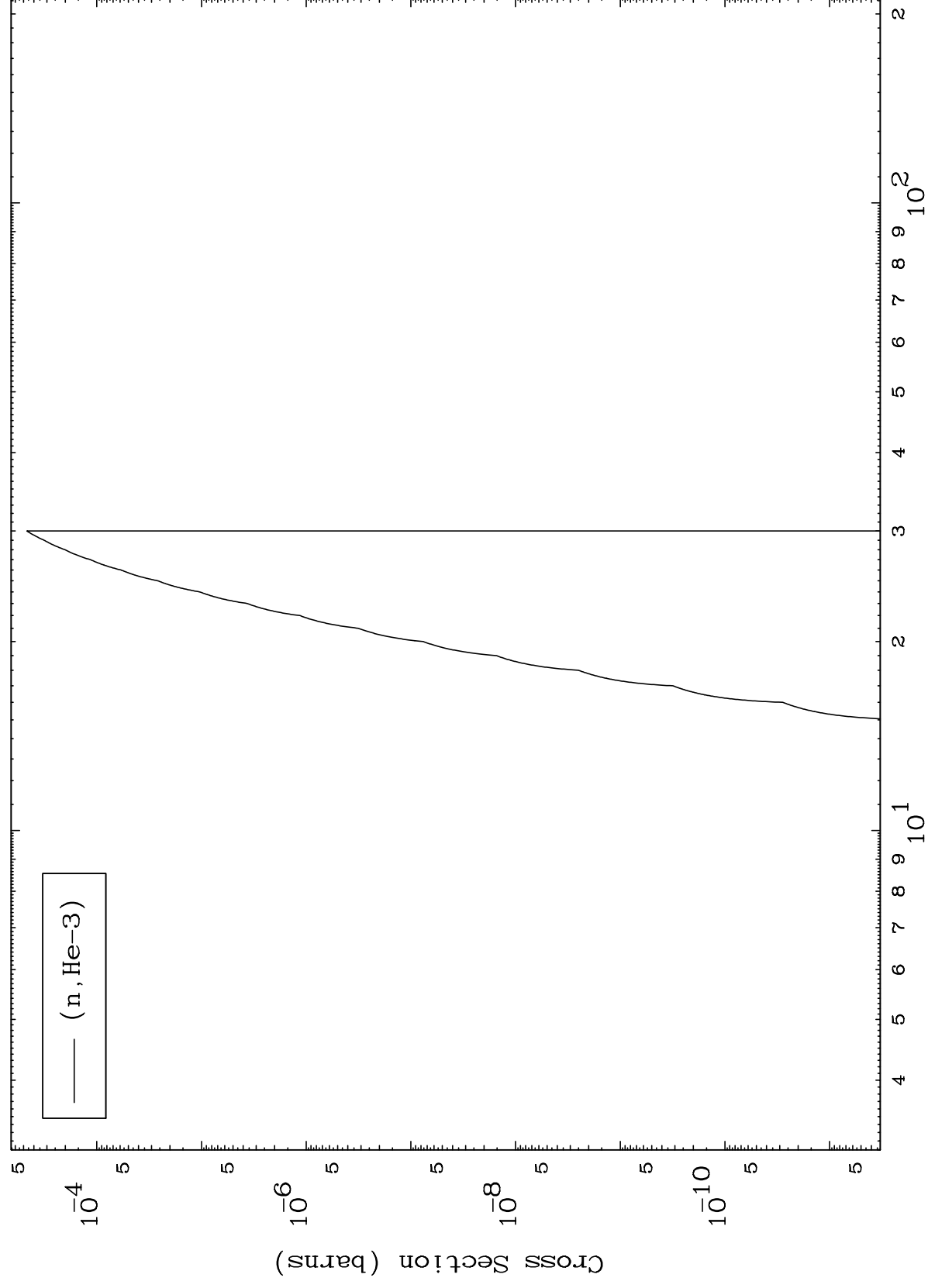
Incident Energy (MeV)

79-Au-193m

MAT 7914

(n,He3) Levels
293 Kelvin Cross Sections

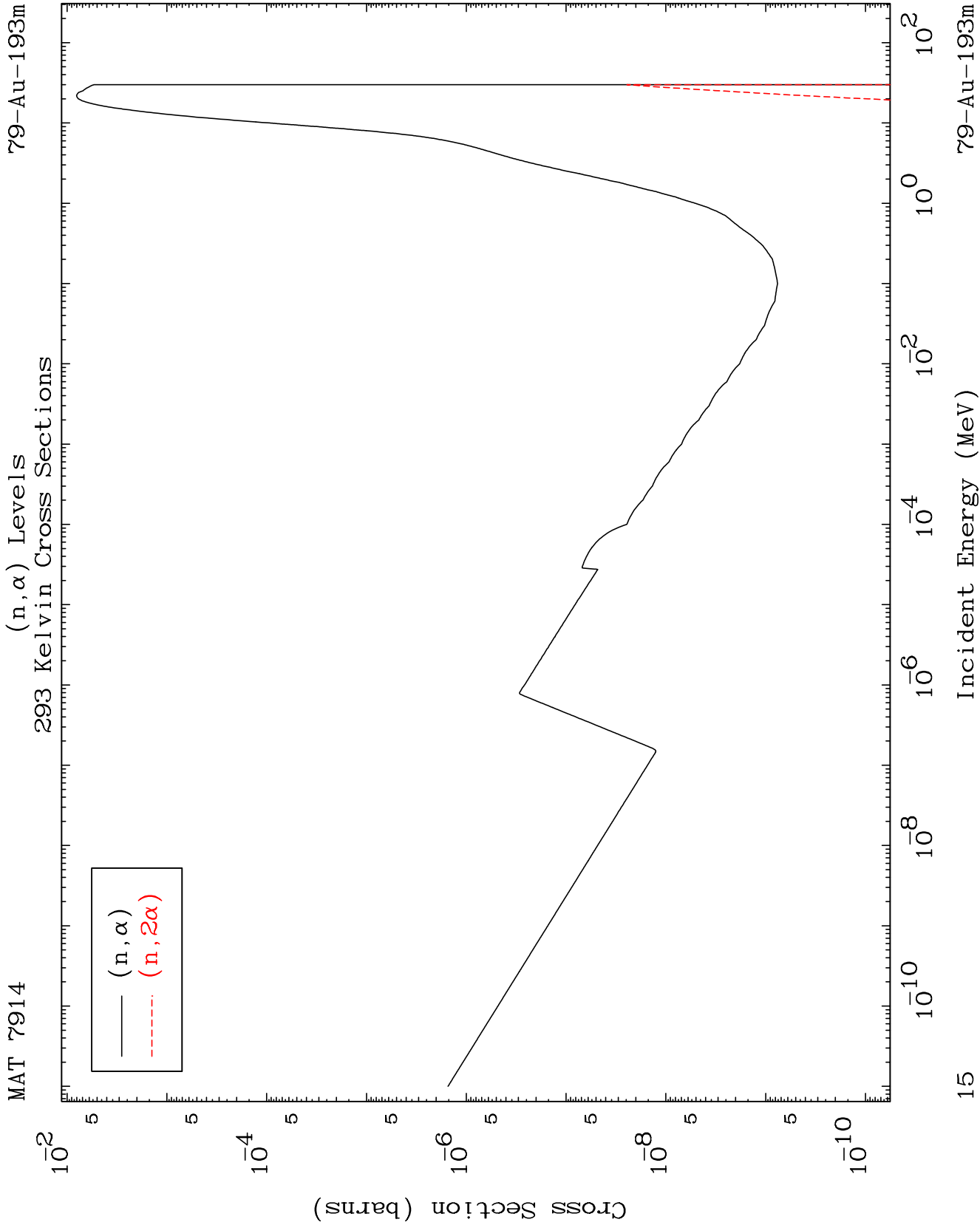
79-Au-193m

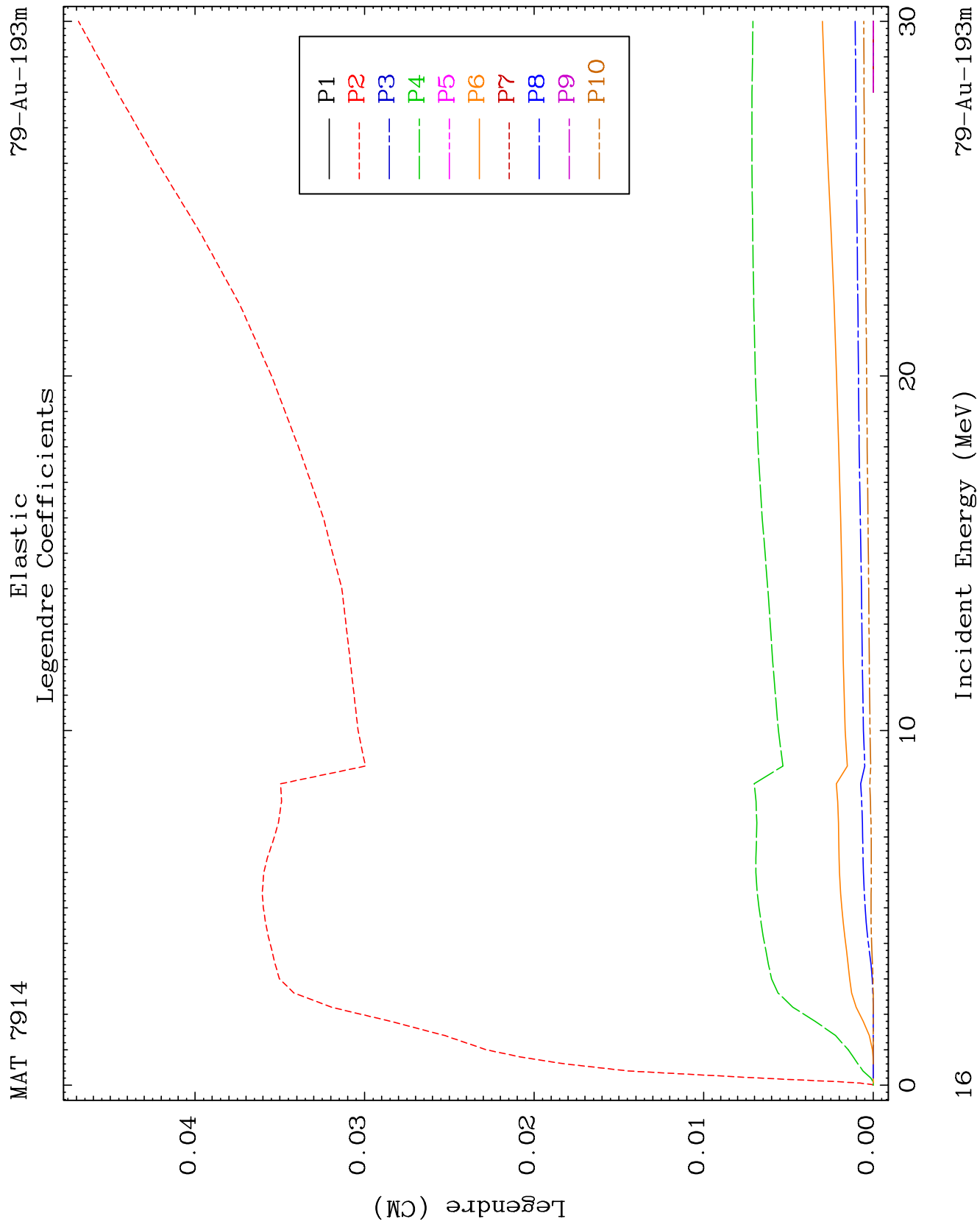


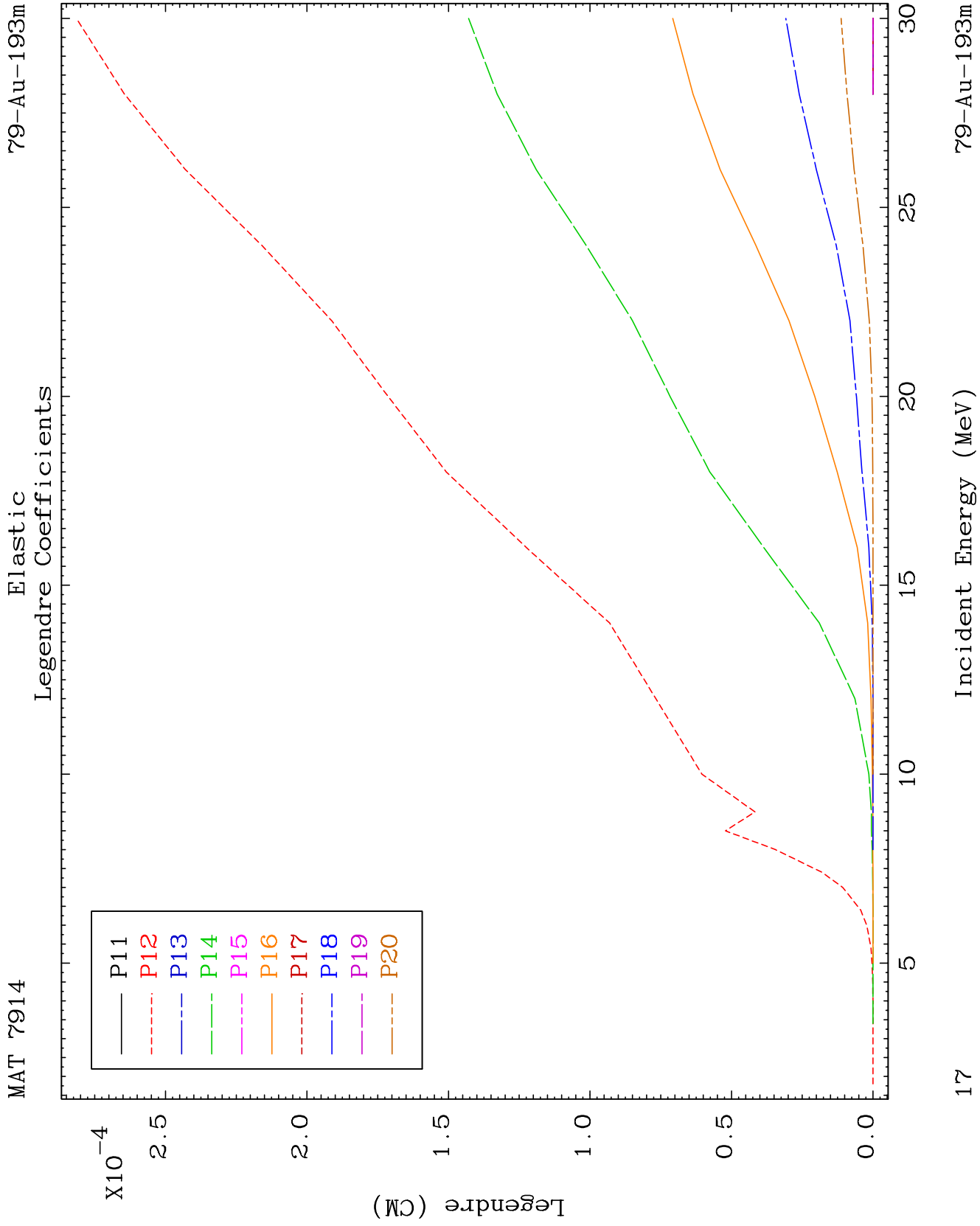
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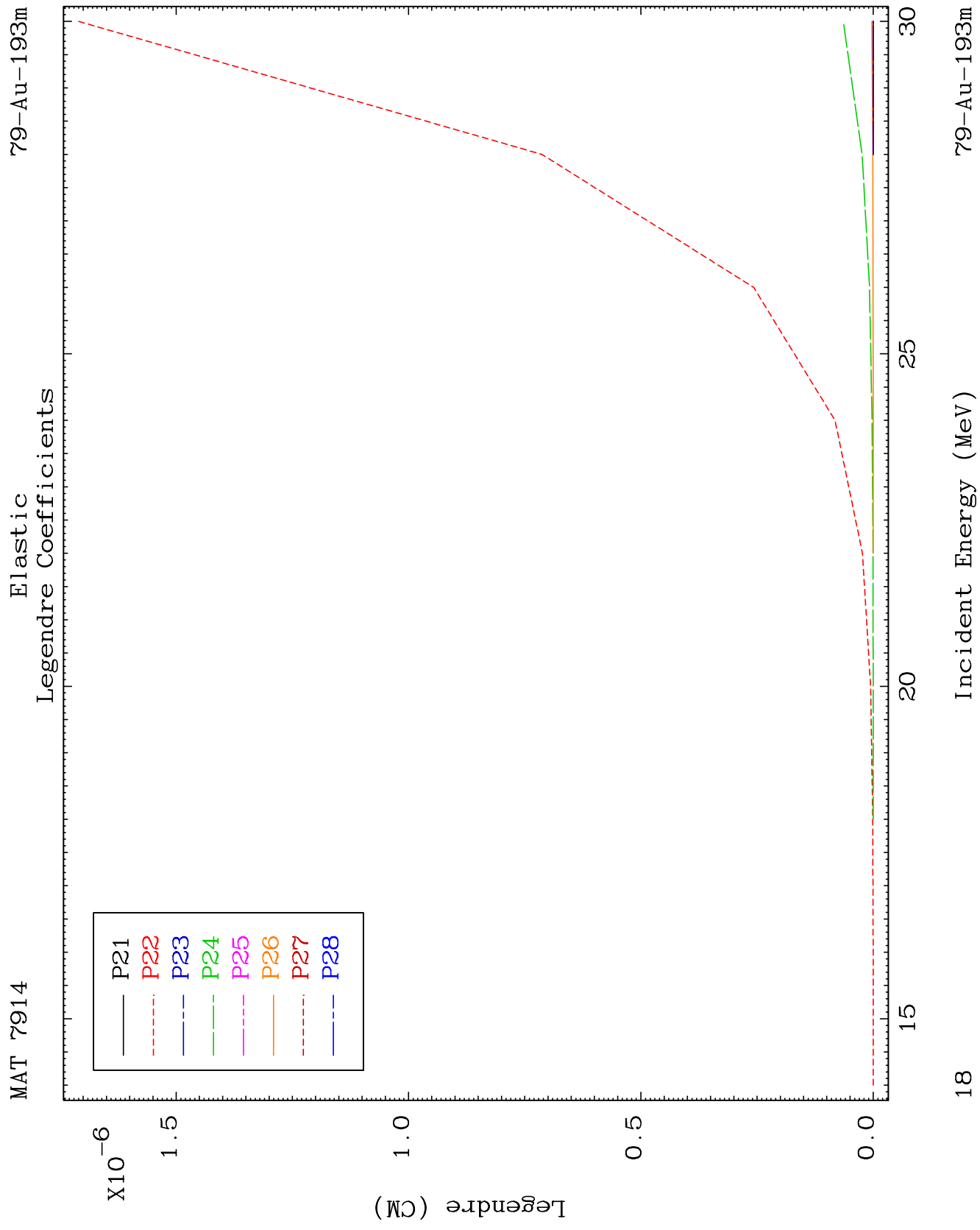
Incident Energy (MeV)

79-Au-193m









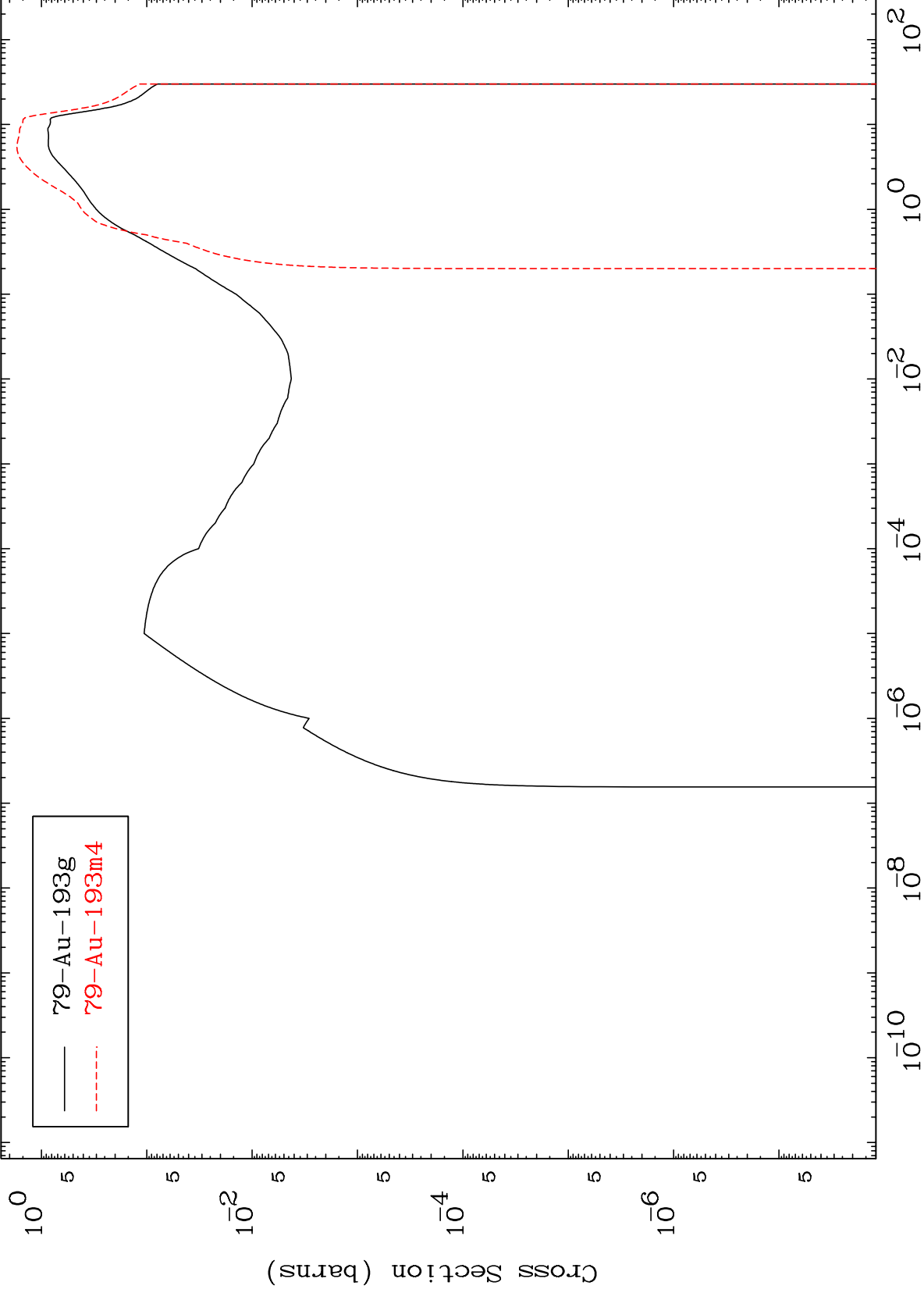
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⁷⁹Au-193m

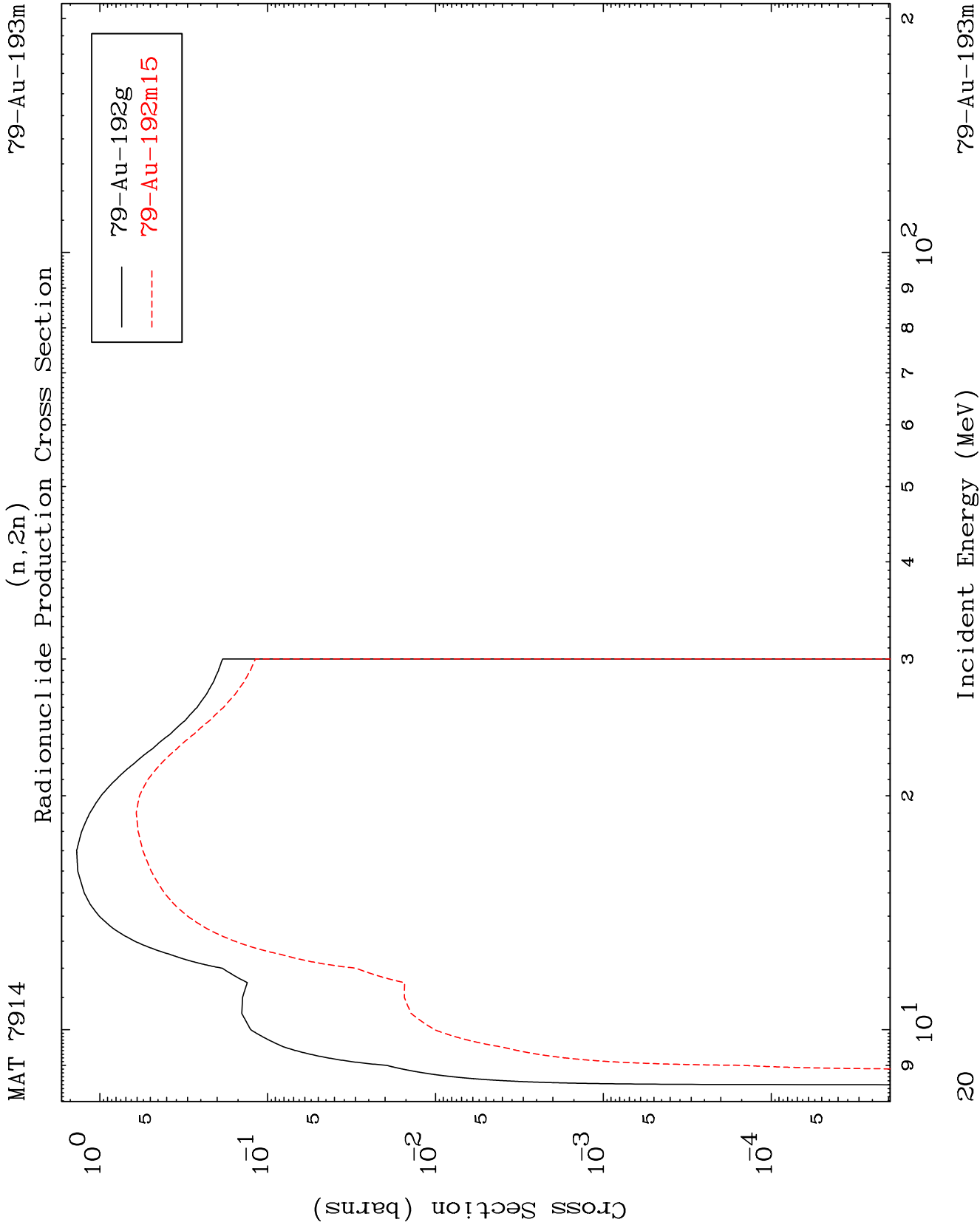
Radionuclide Production Cross Section

Inelastic

⁷⁹Au-193m



— ⁷⁹Au-193g
- - - ⁷⁹Au-193m4

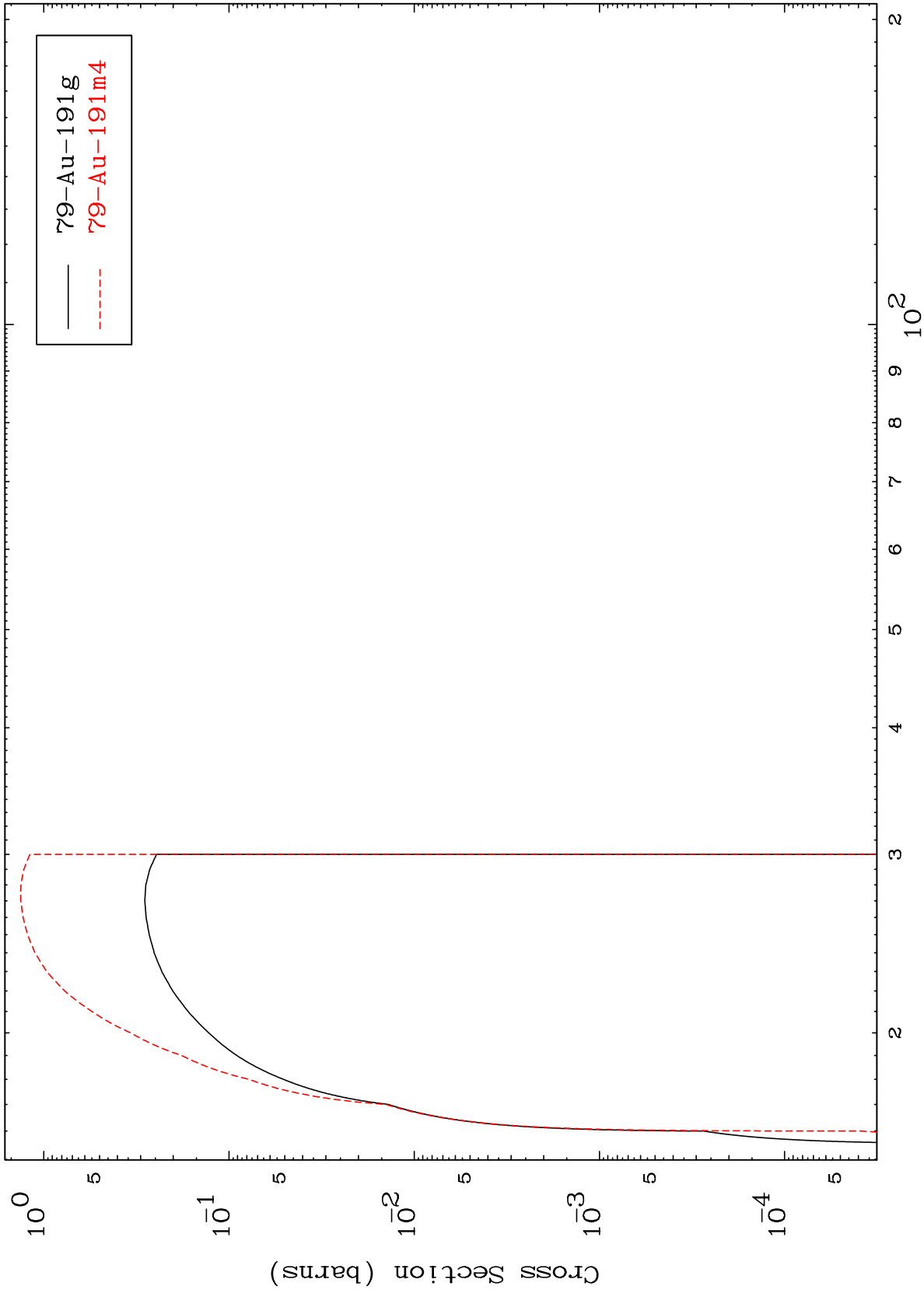


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(n,3n)

⁷⁹Au-193m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

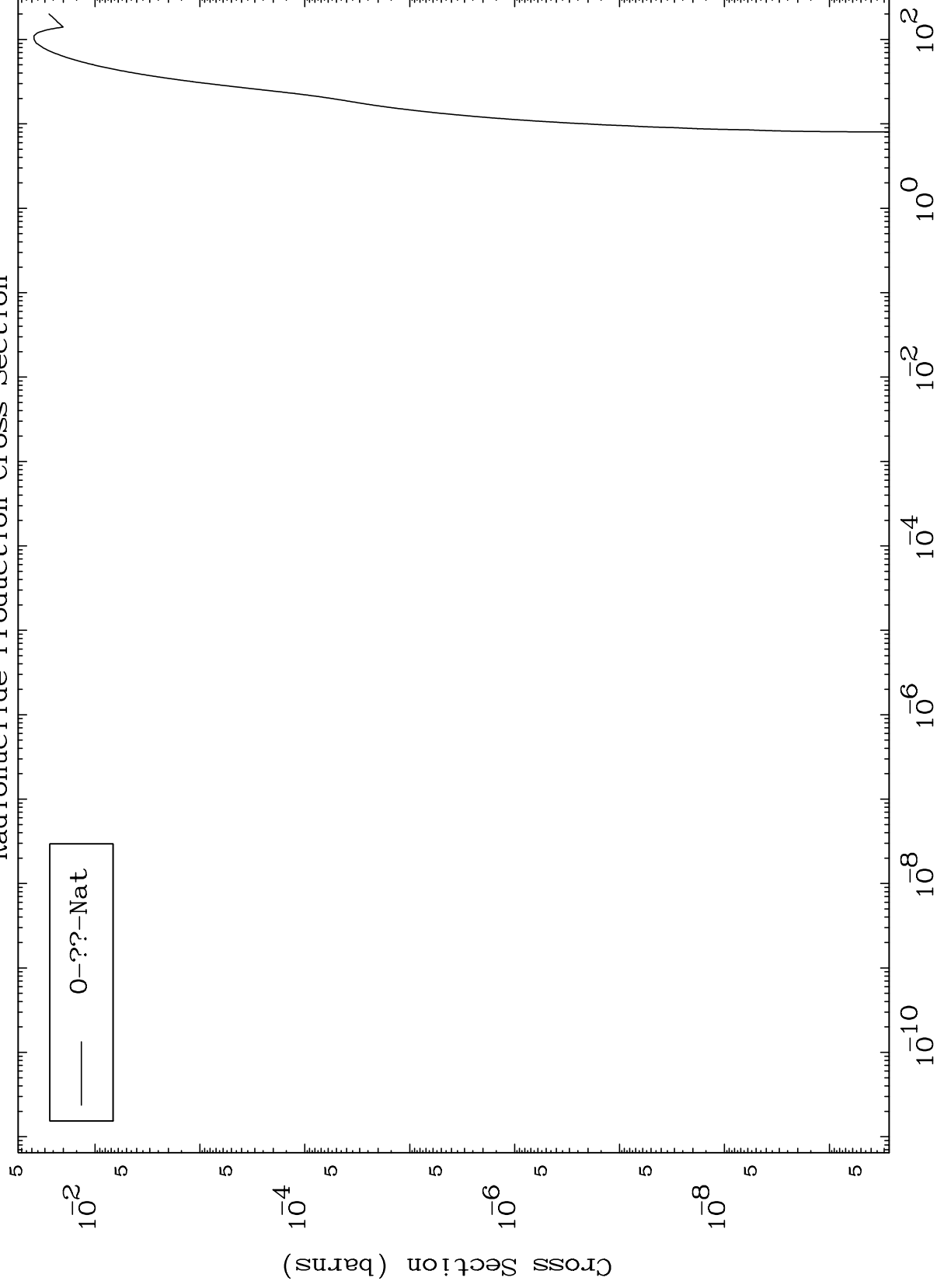
⁷⁹Au-193m

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Fission

⁷⁹Au-193m

Radionuclide Production Cross Section

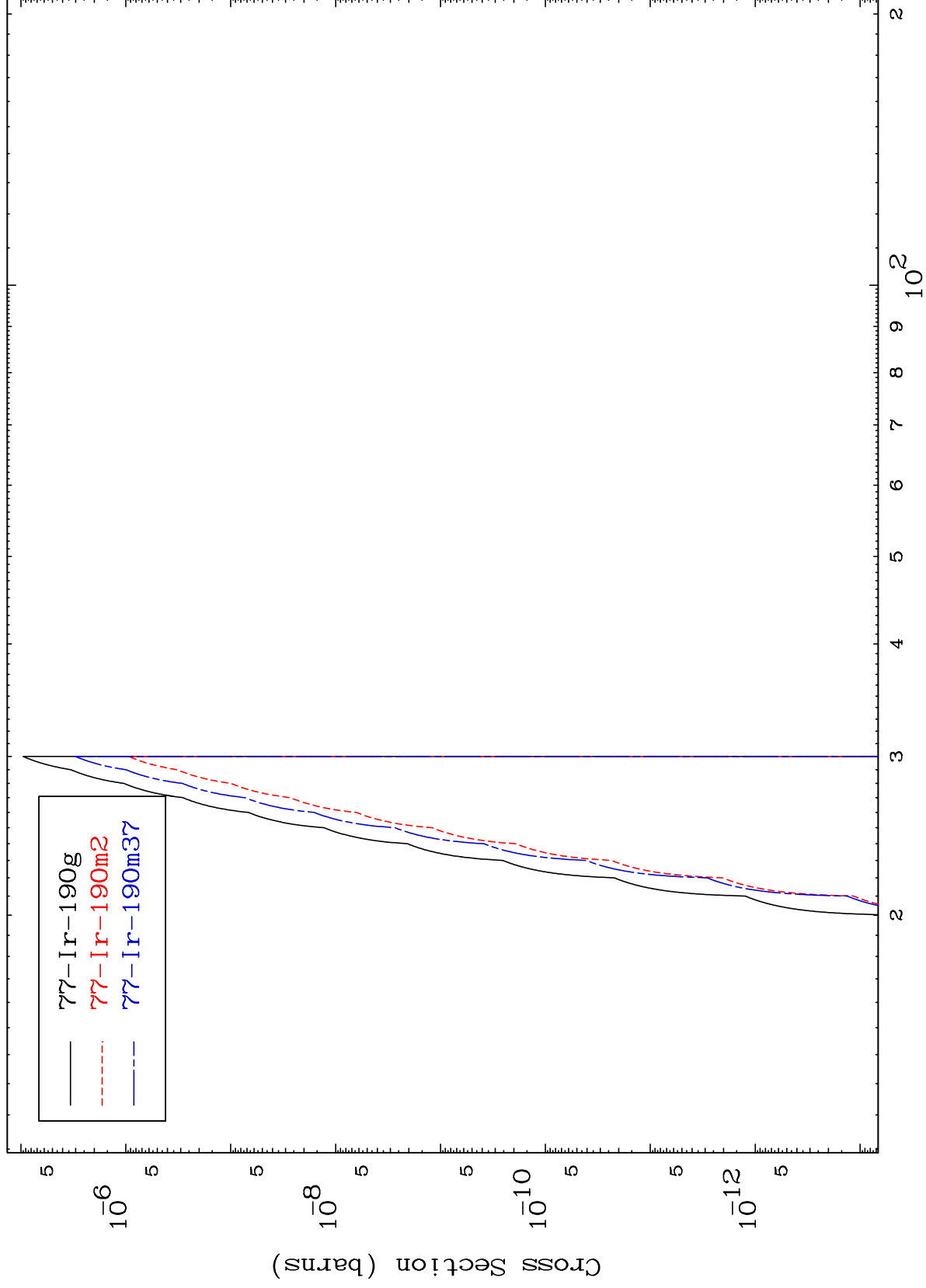


22

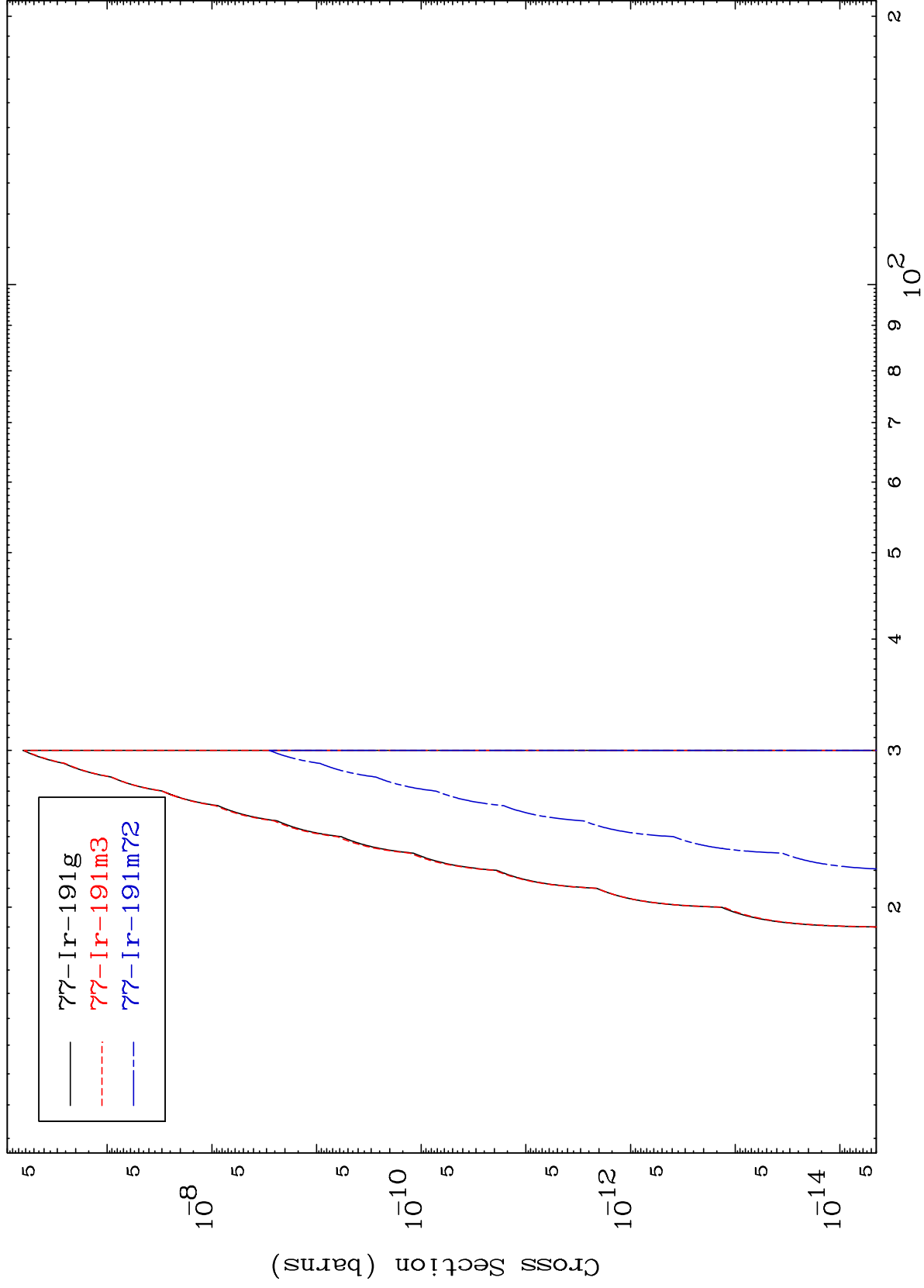
Incident Energy (MeV)

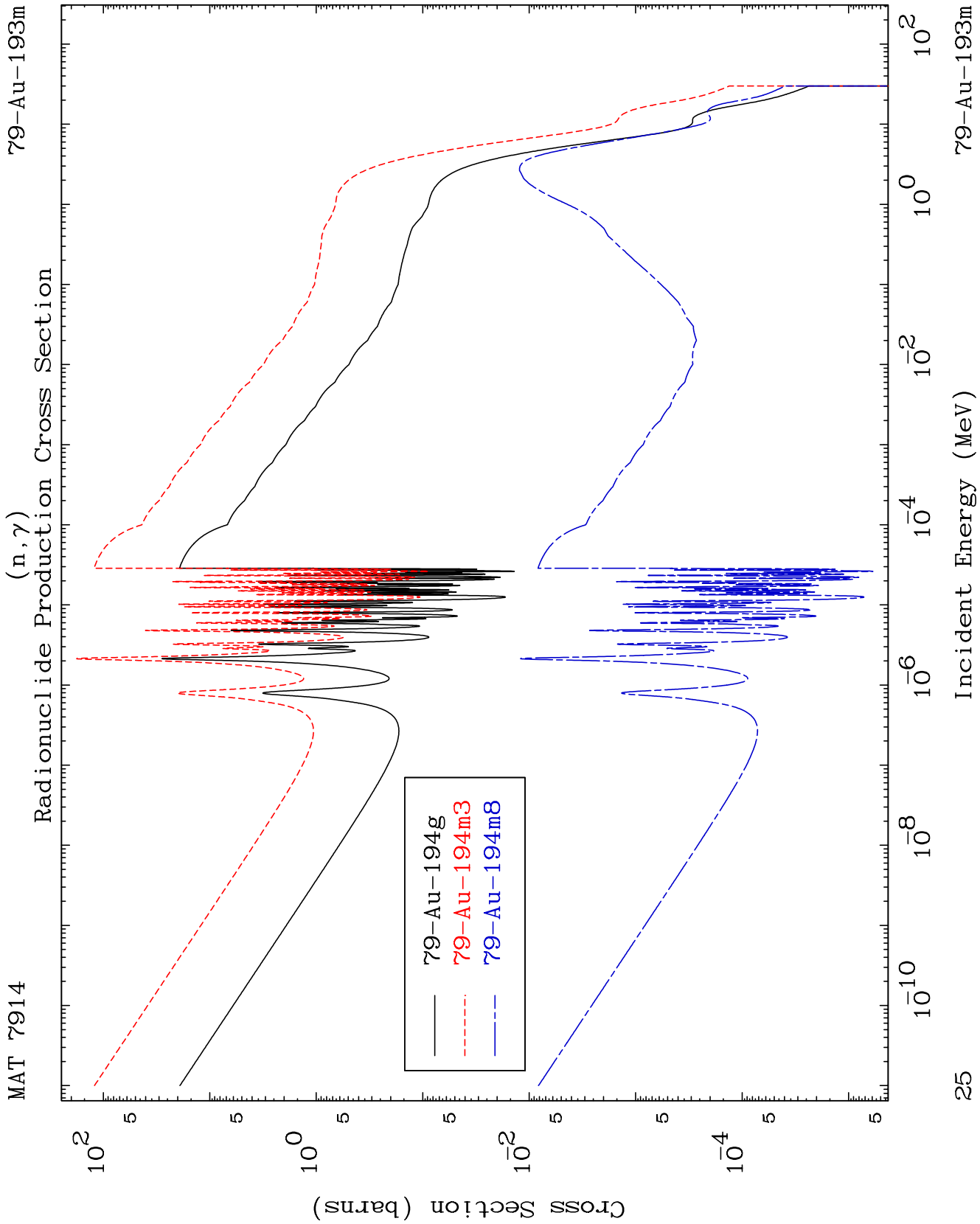
⁷⁹Au-193m

Radionuclide Production Cross Section

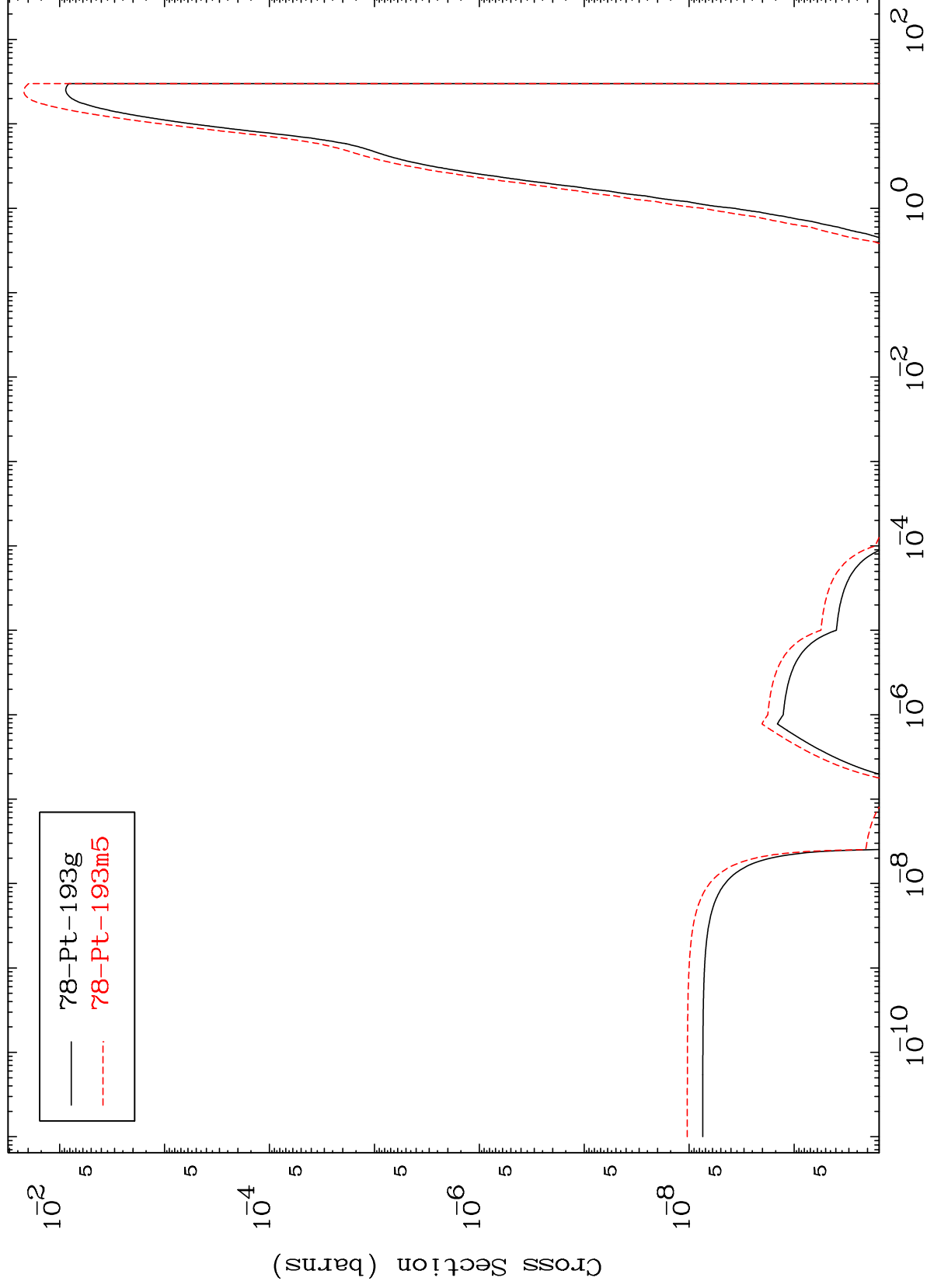


(n,2n) p
Radionuclide Production Cross Section

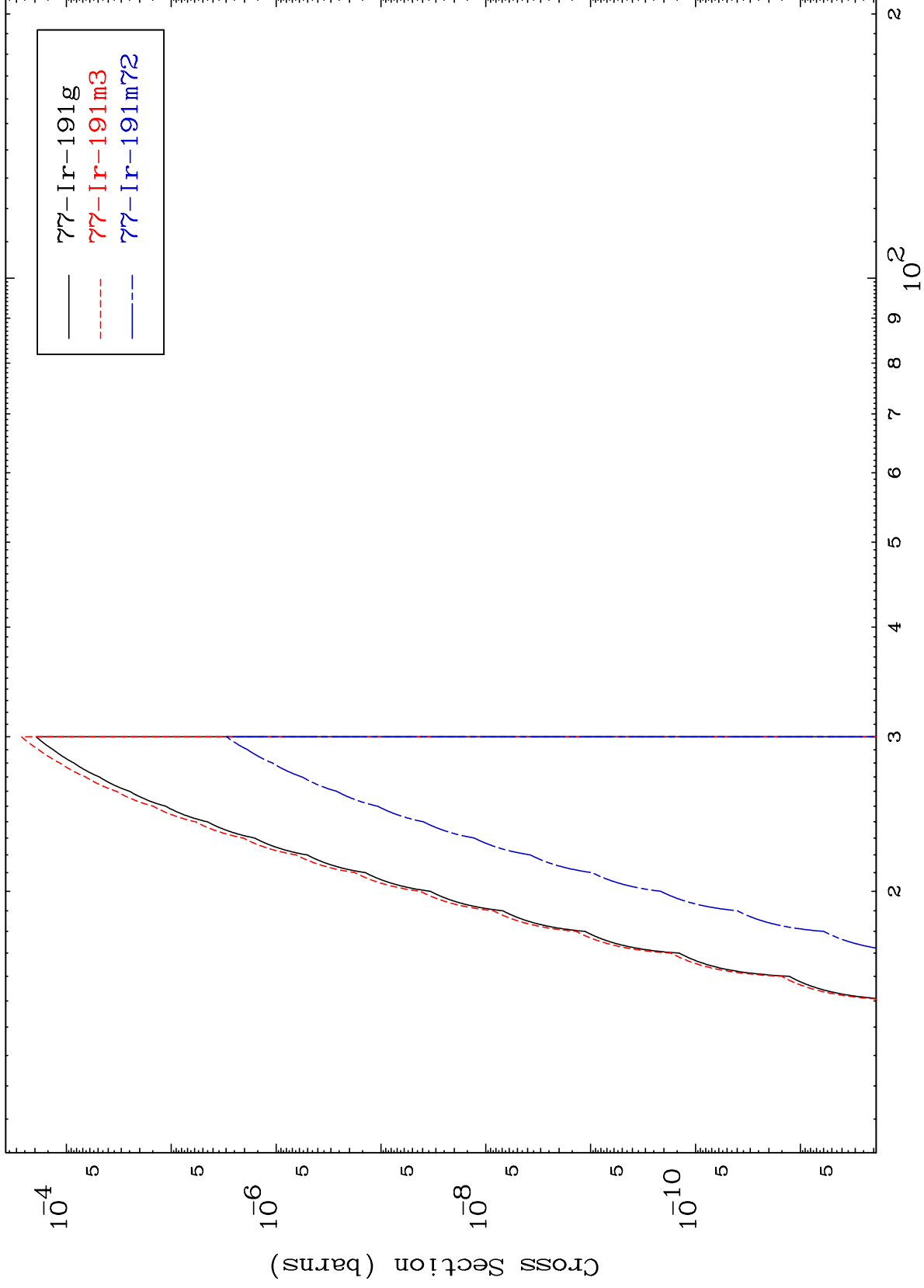




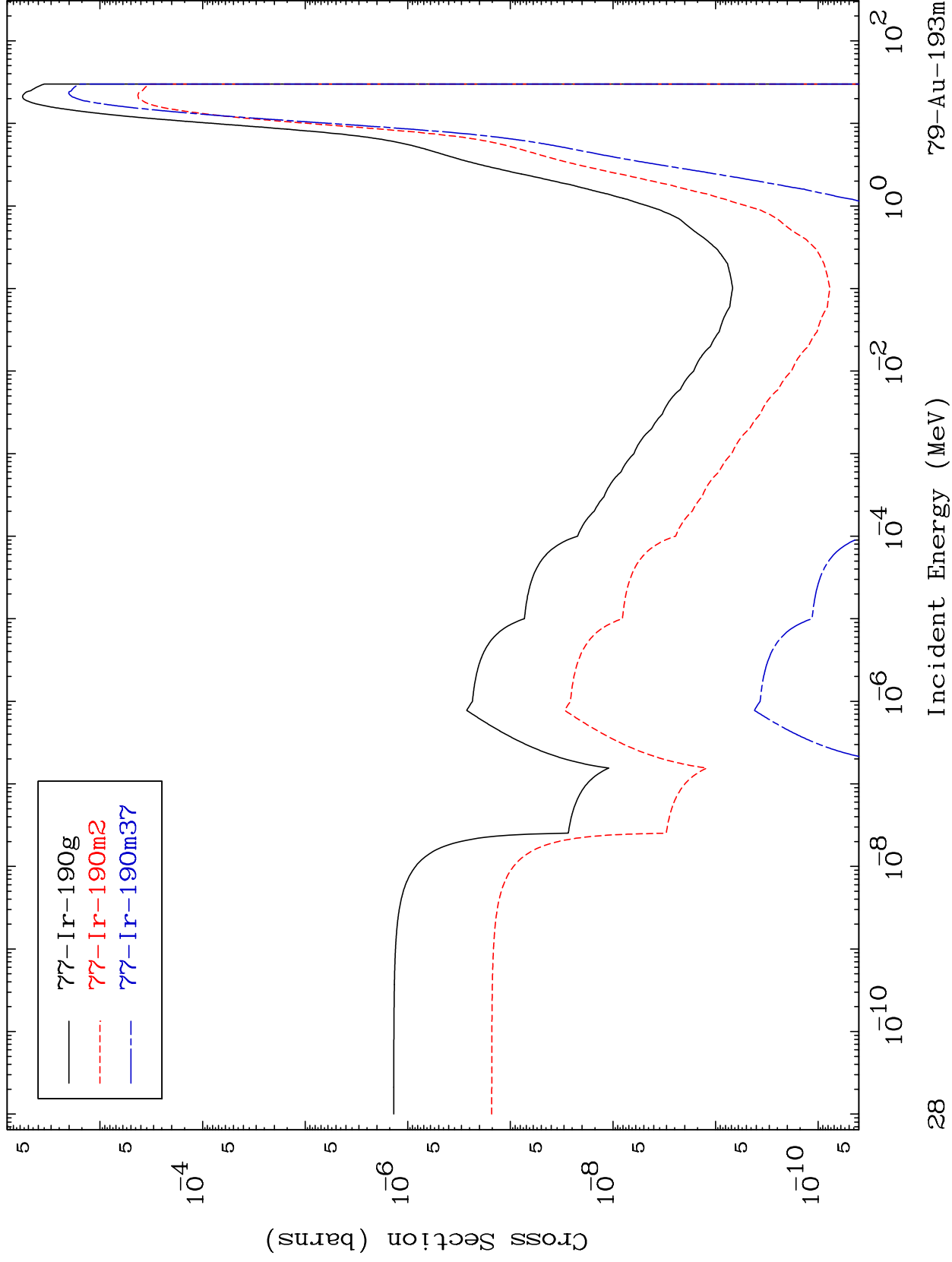
Radionuclide Production Cross Section (n,p)



(n,He-3)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)

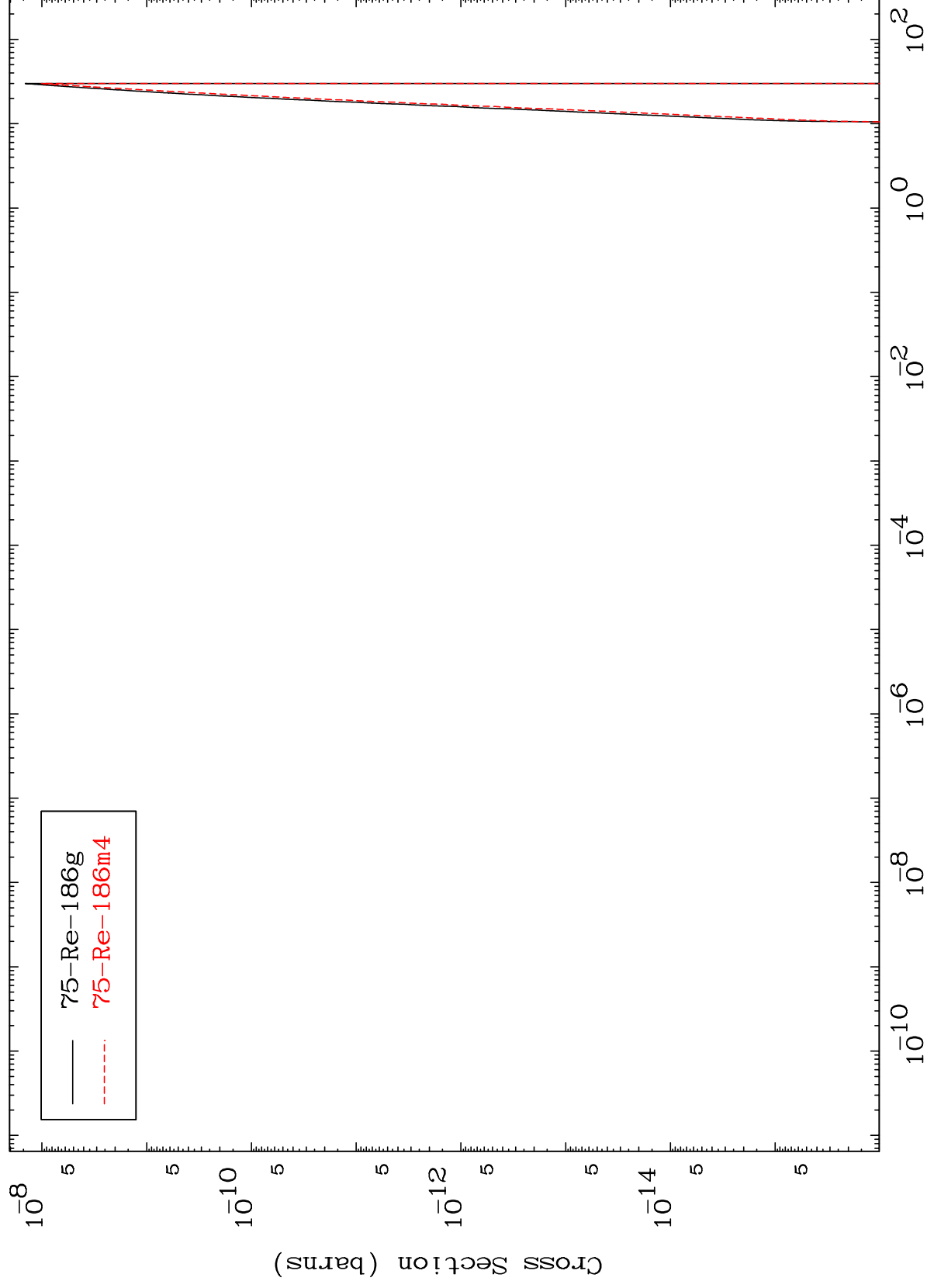


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(n,2α)

⁷⁹Au-¹⁹³m

Radionuclide Production Cross Section



29

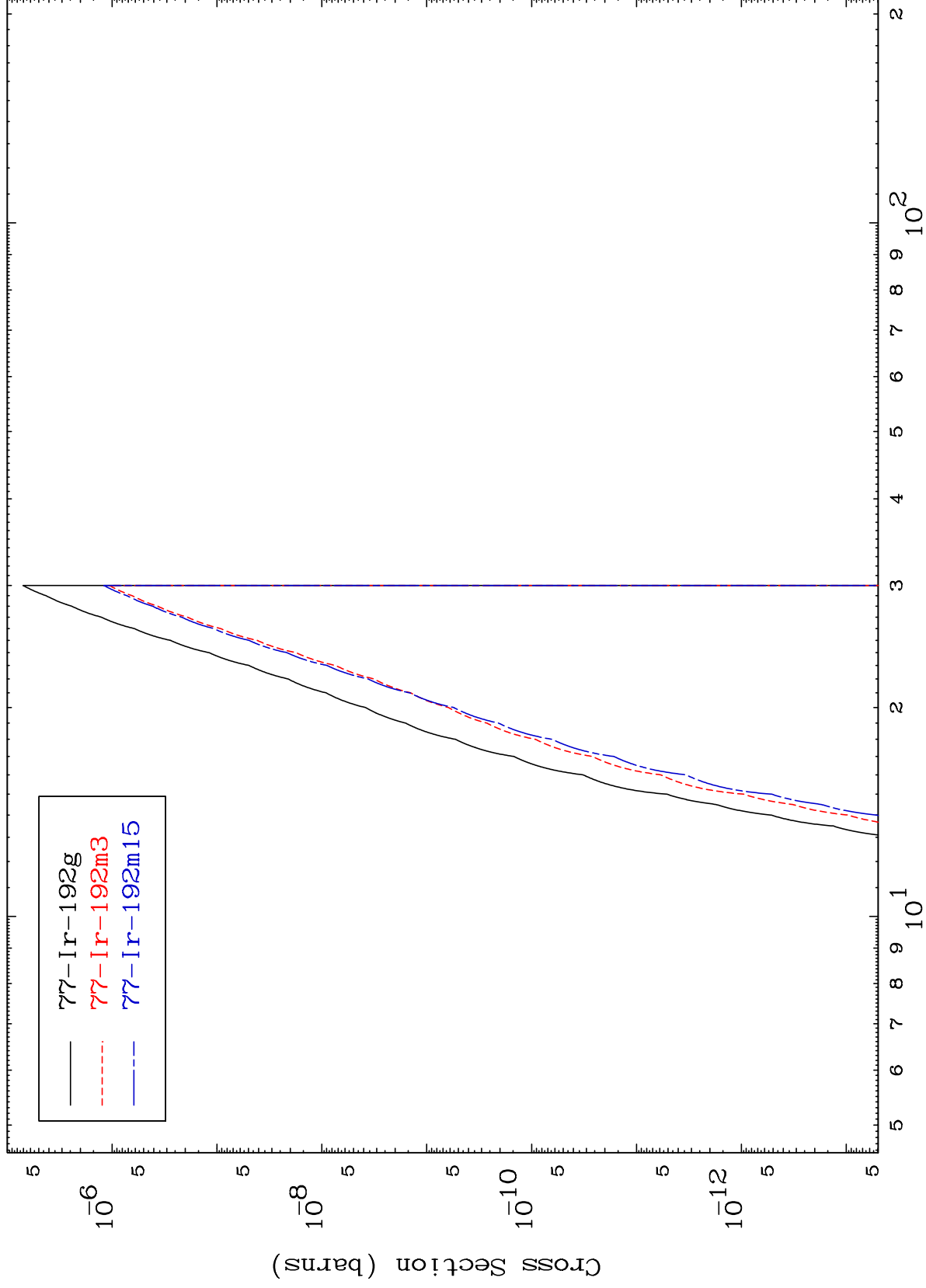
Incident Energy (MeV)

⁷⁹Au-¹⁹³m

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⁷⁹Au-¹⁹³m

(n,2p)
Radionuclide Production Cross Section



⁷⁹Au-¹⁹³m

Incident Energy (MeV)

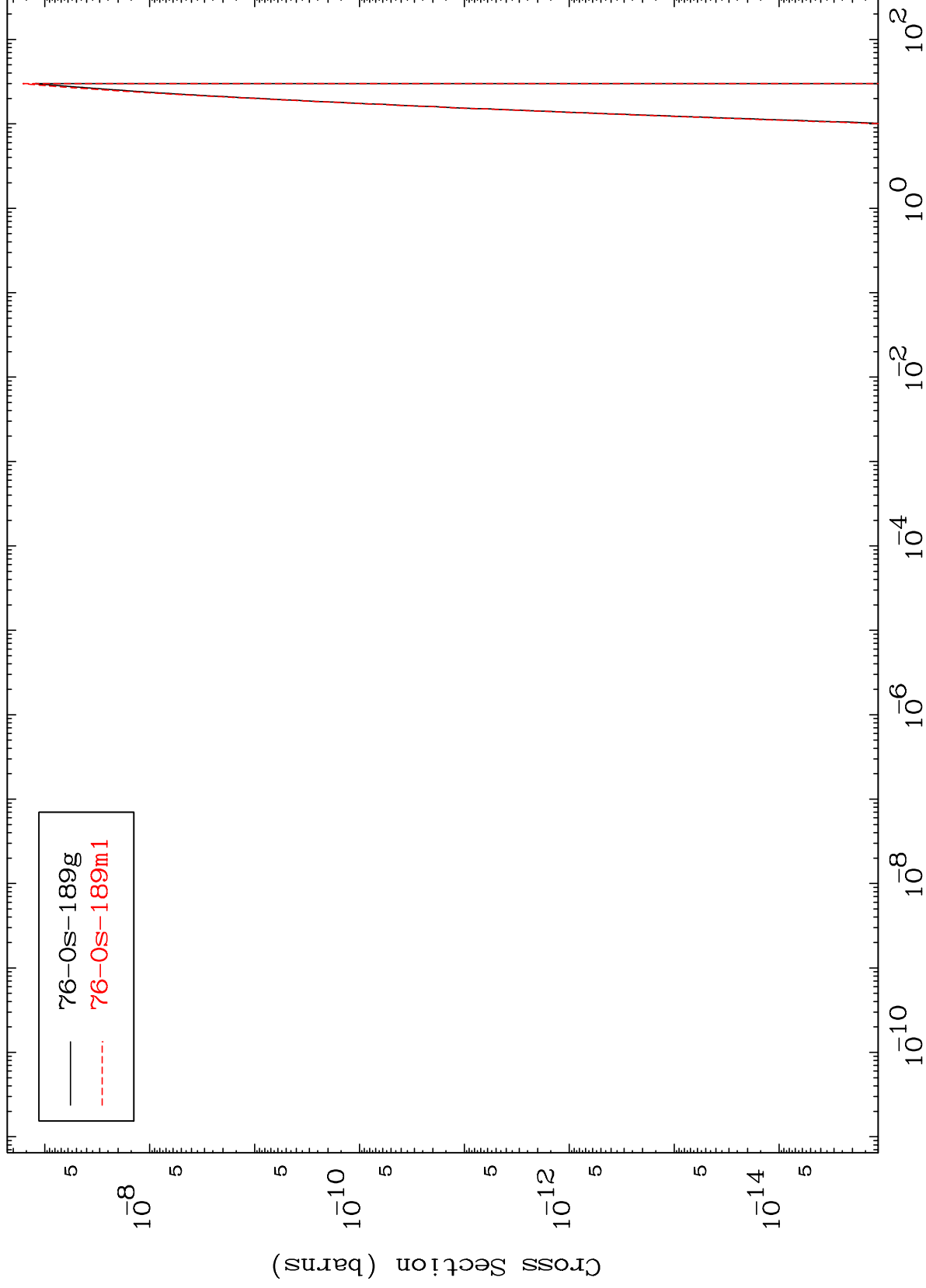
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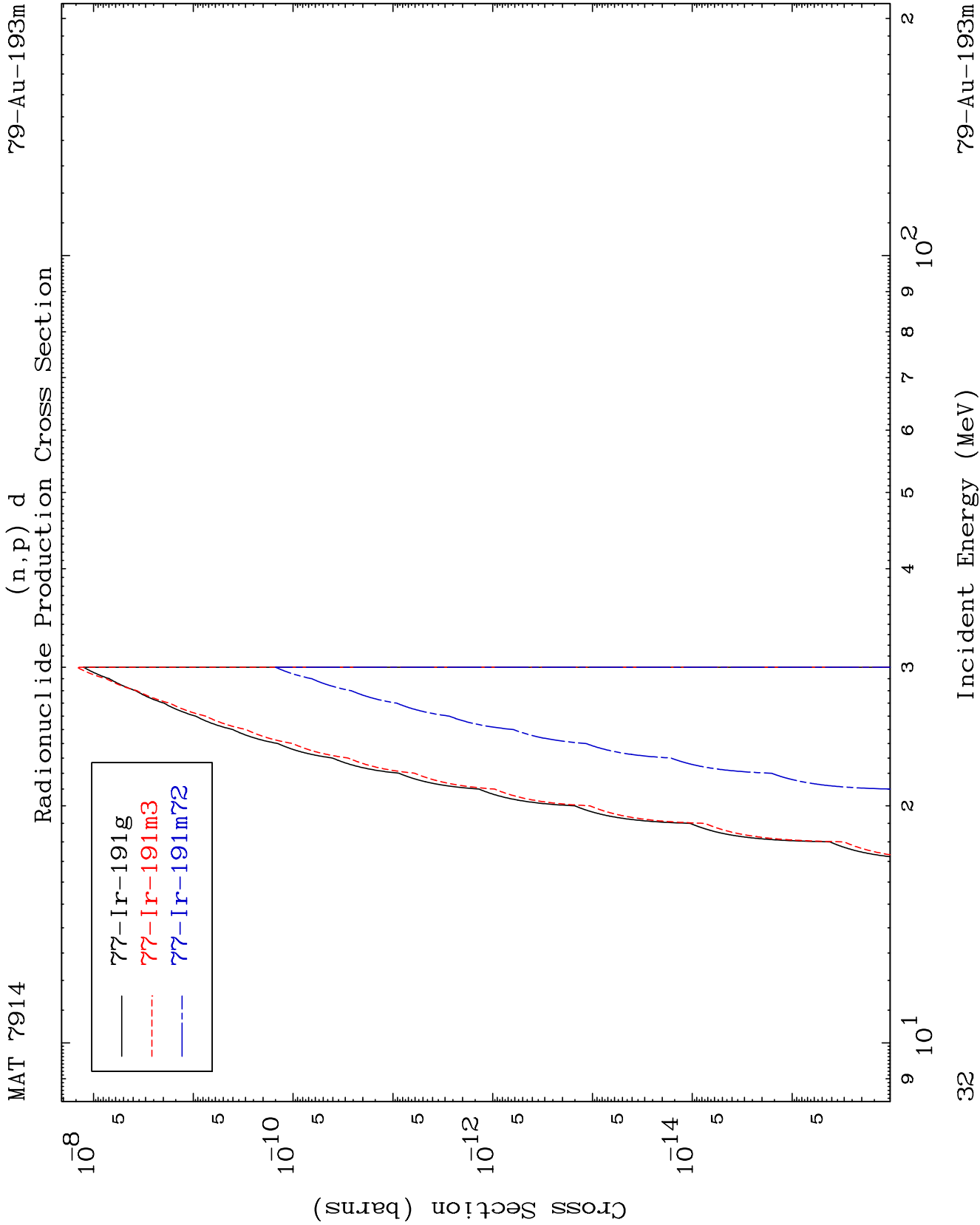
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(n,p) α

$^{79}\text{Au}-^{193}\text{m}$

Radionuclide Production Cross Section





(n,p) t
Radionuclide Production Cross Section

