

Program EVALPLOT
(Version 2021-1)

by

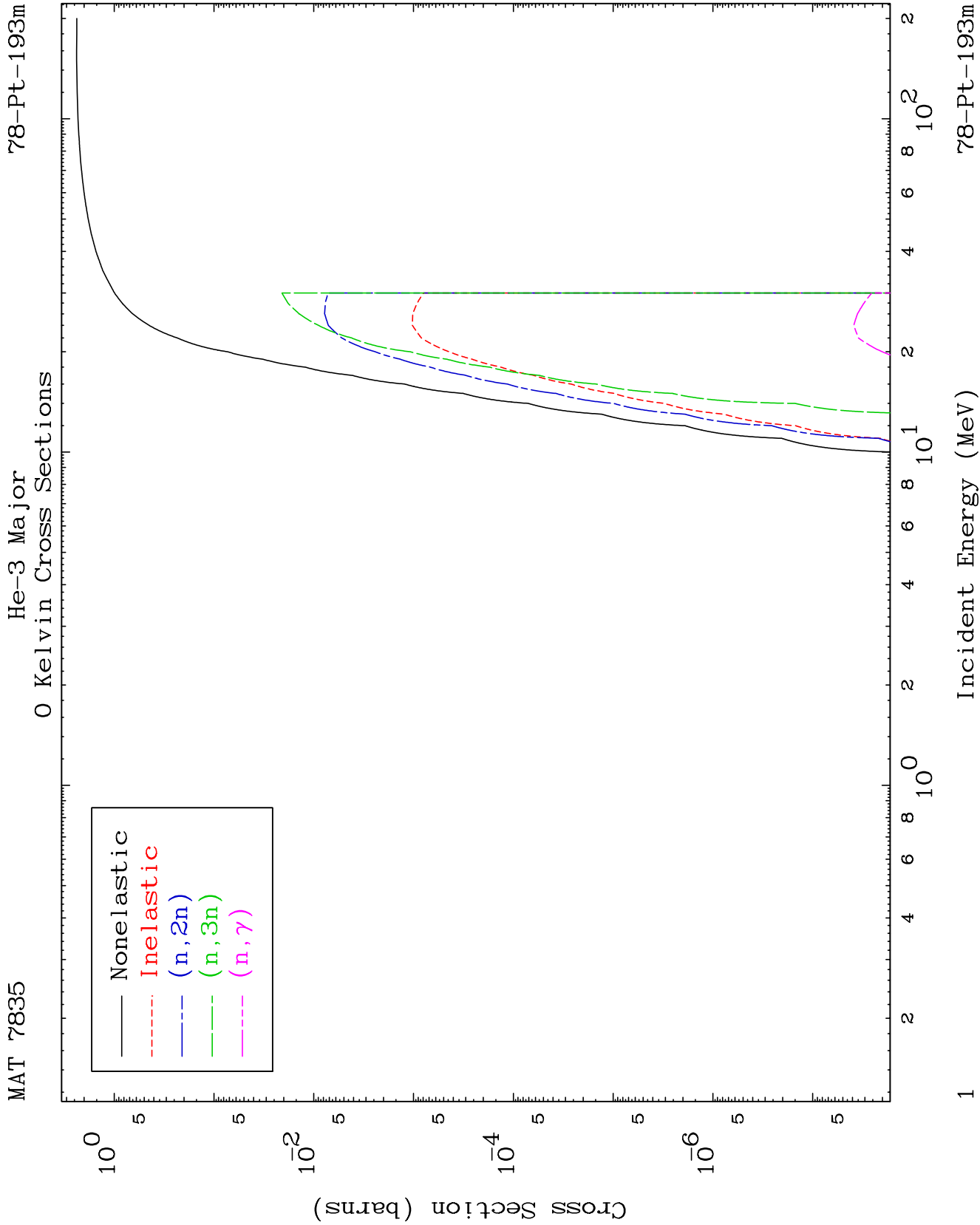
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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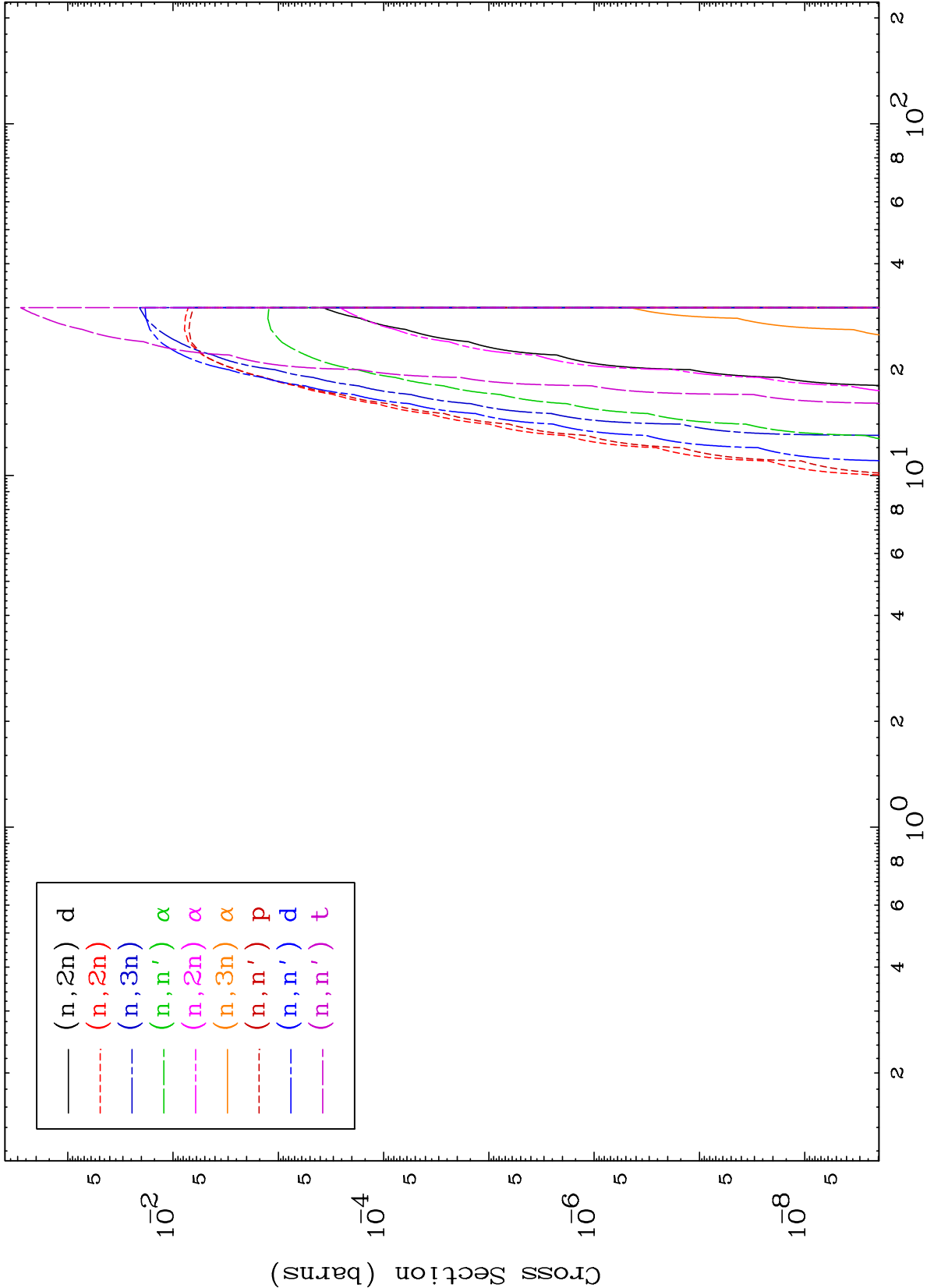
Press Mouse Button to Start

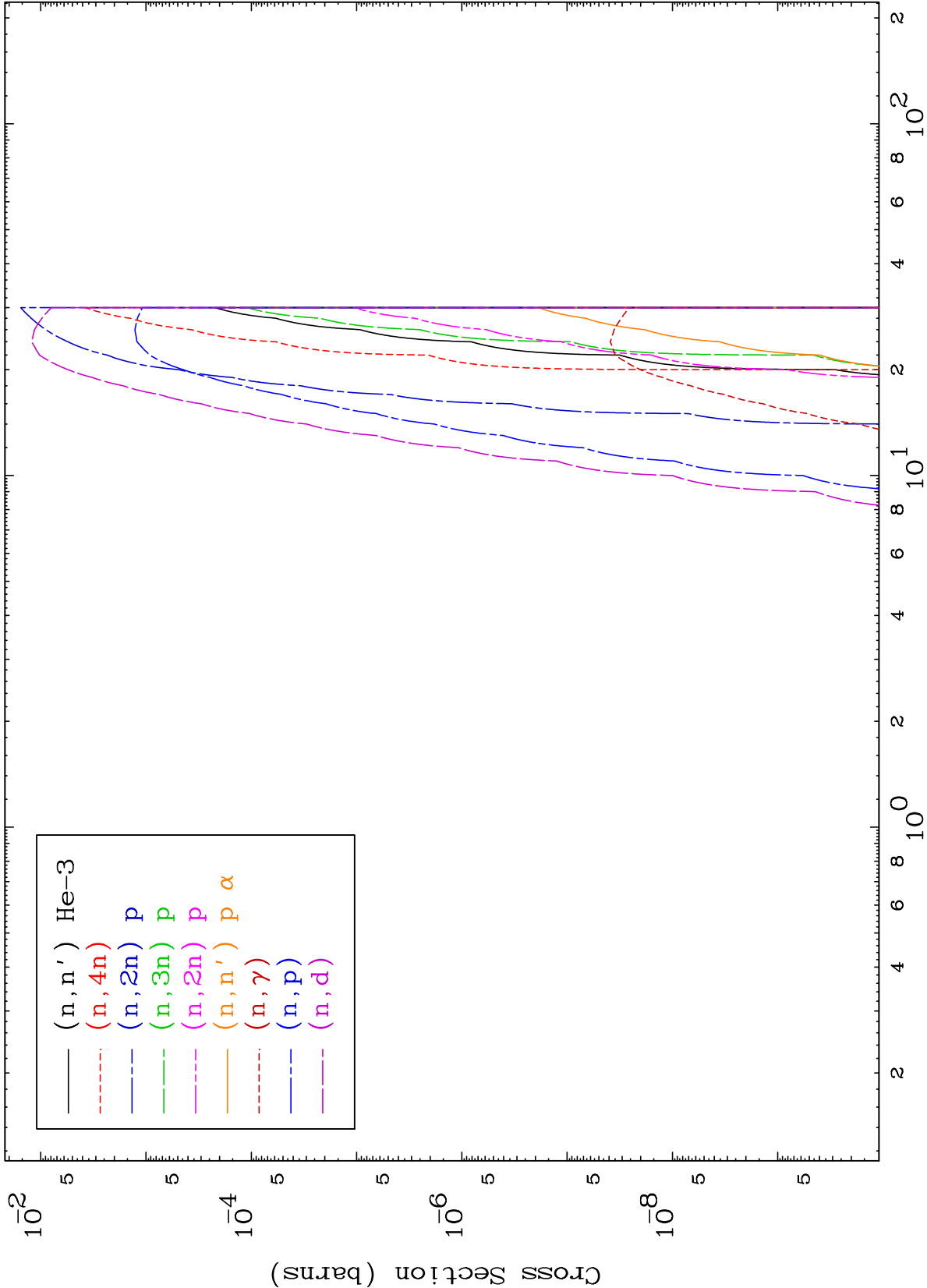


MAT 7835

He-3 Neutron Absorption
0 Kelvin Cross Sections

78-Pt-193m

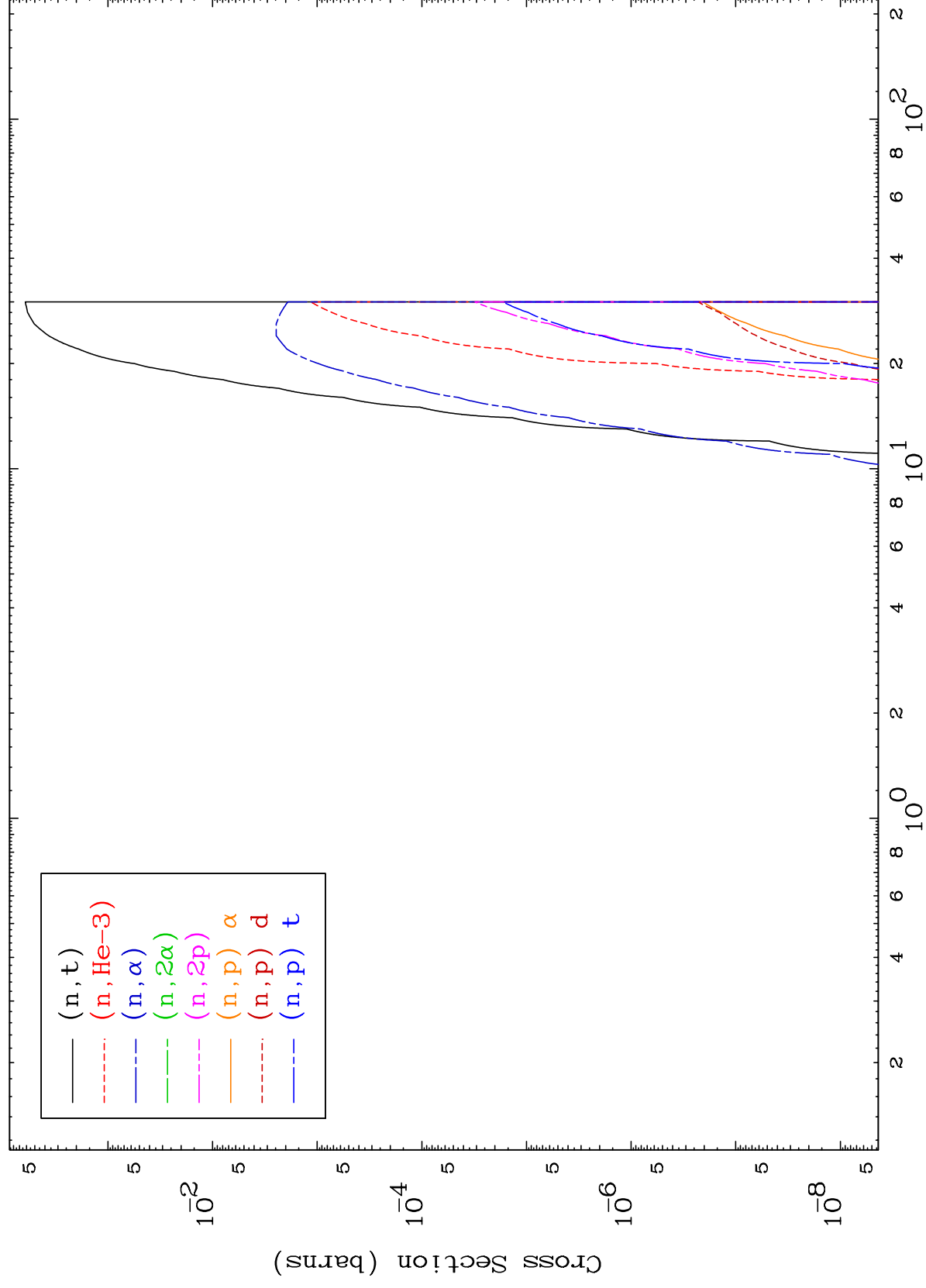




MAT 7835

He-3 Neutron Absorption 0 Kelvin Cross Sections

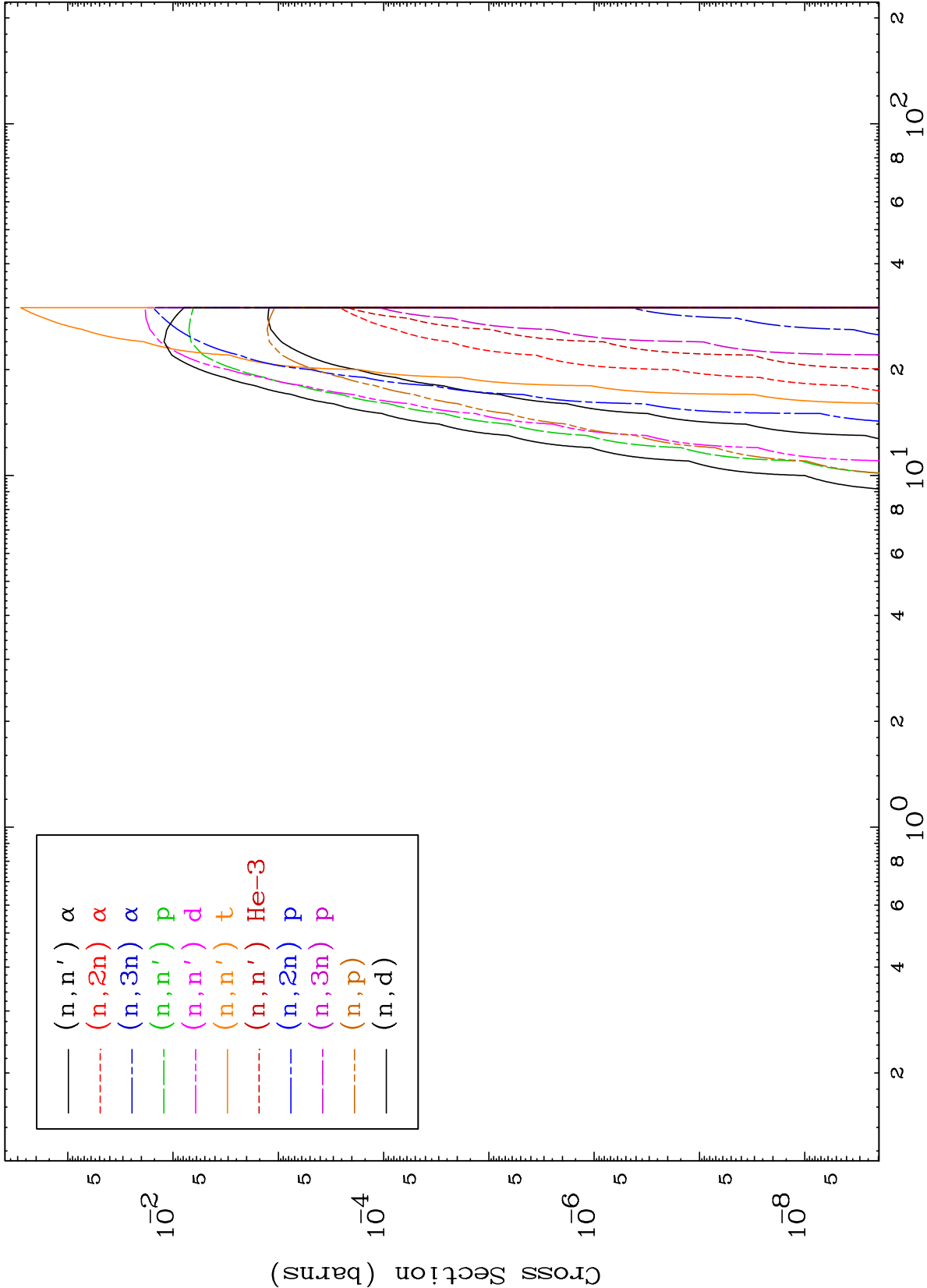
78-Pt-193m



4

Incident Energy (MeV)

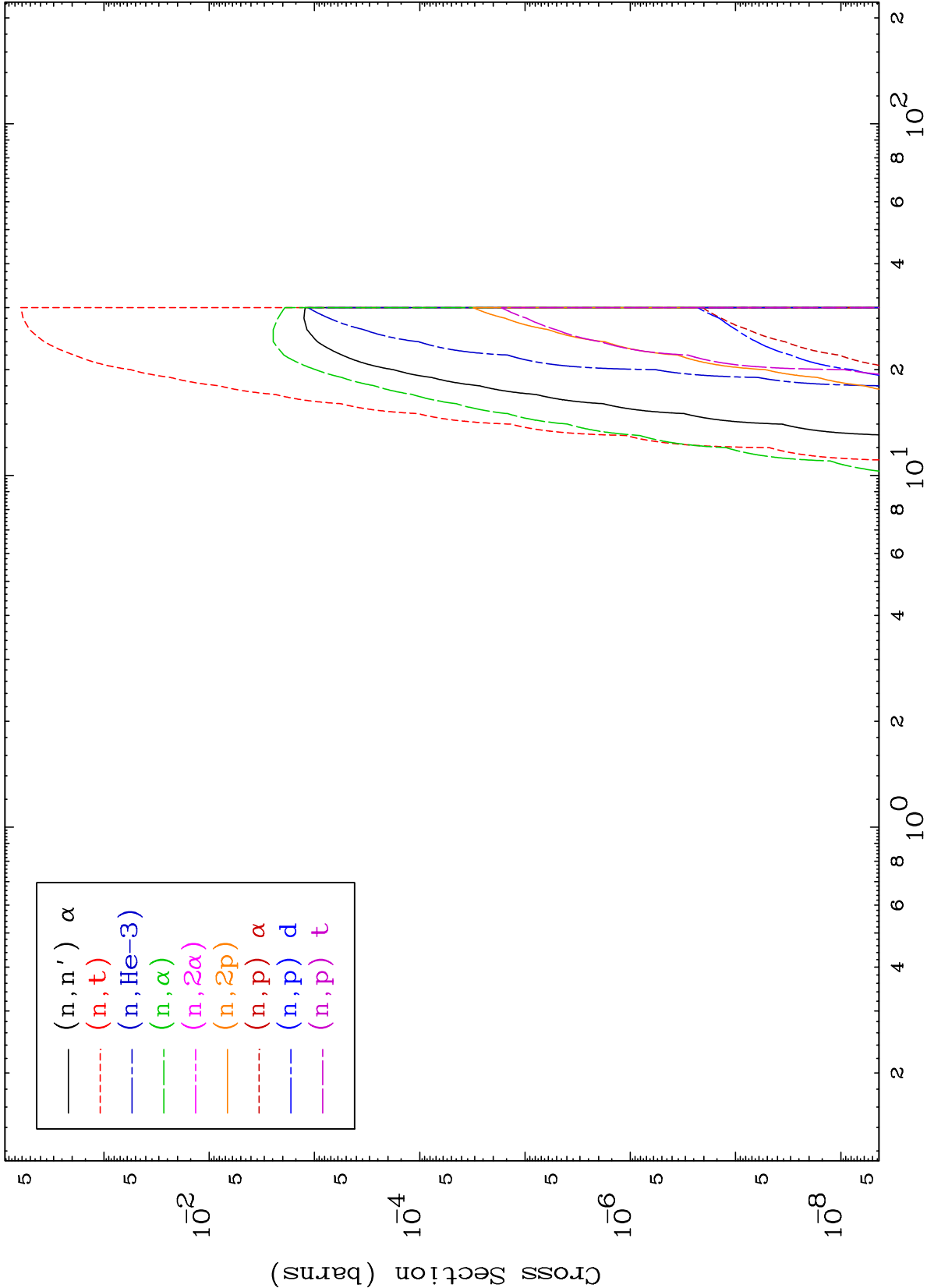
78-Pt-193m



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He-3 Charged Particle
0 Kelvin Cross Sections

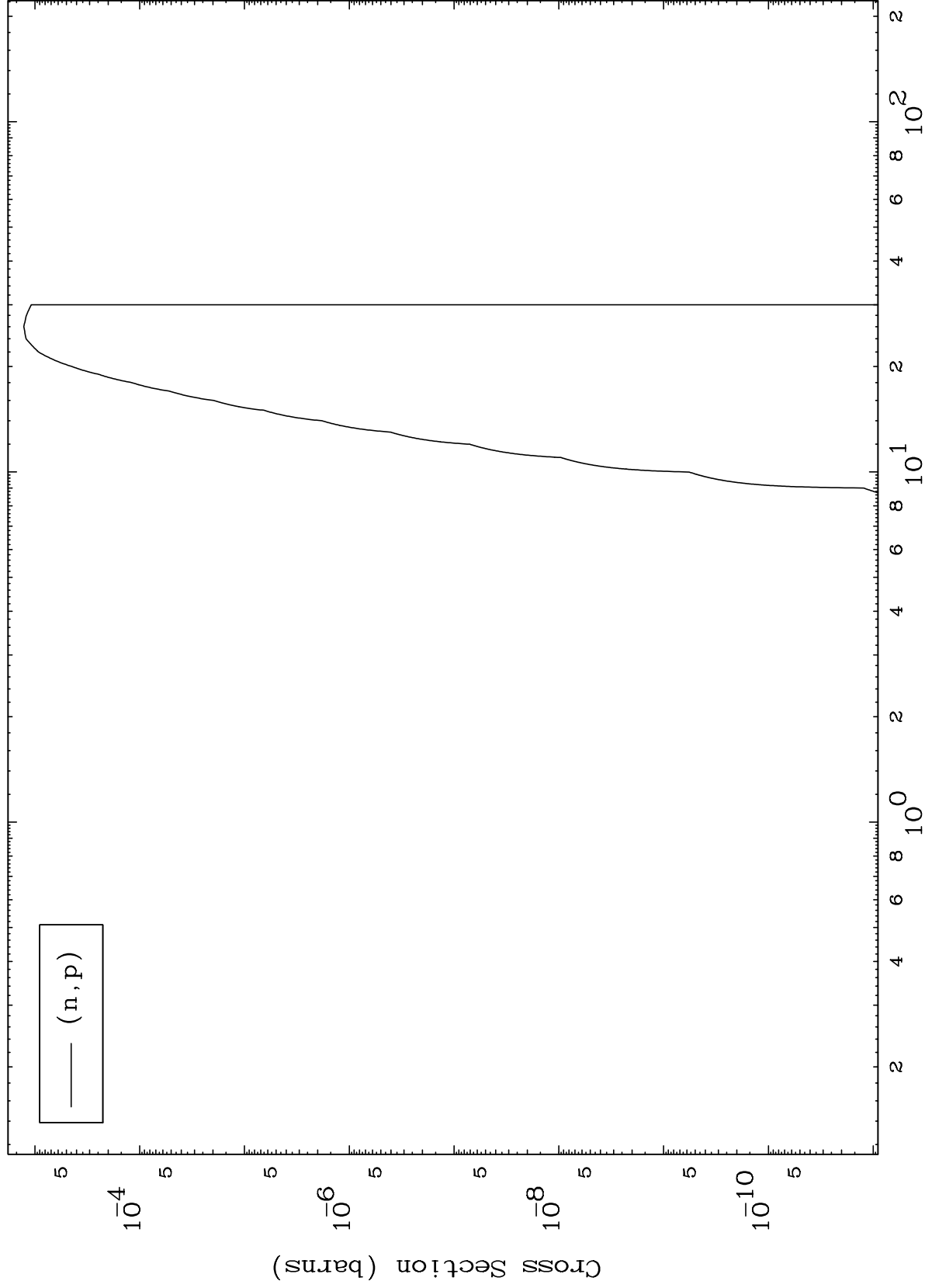
78-Pt-193m



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78-Pt-193m

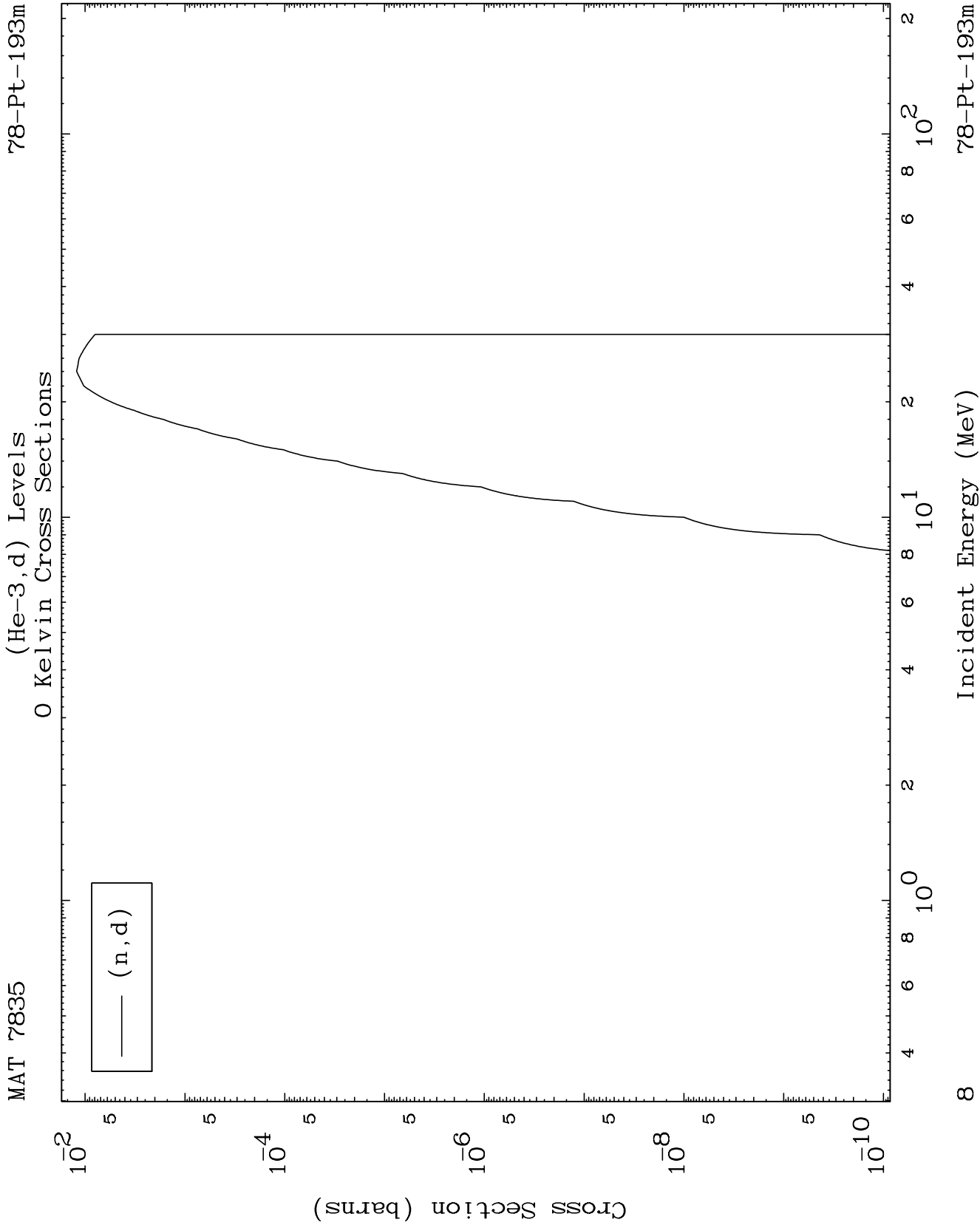
(He-3,p) Levels
0 Kelvin Cross Sections



7

78-Pt-193m

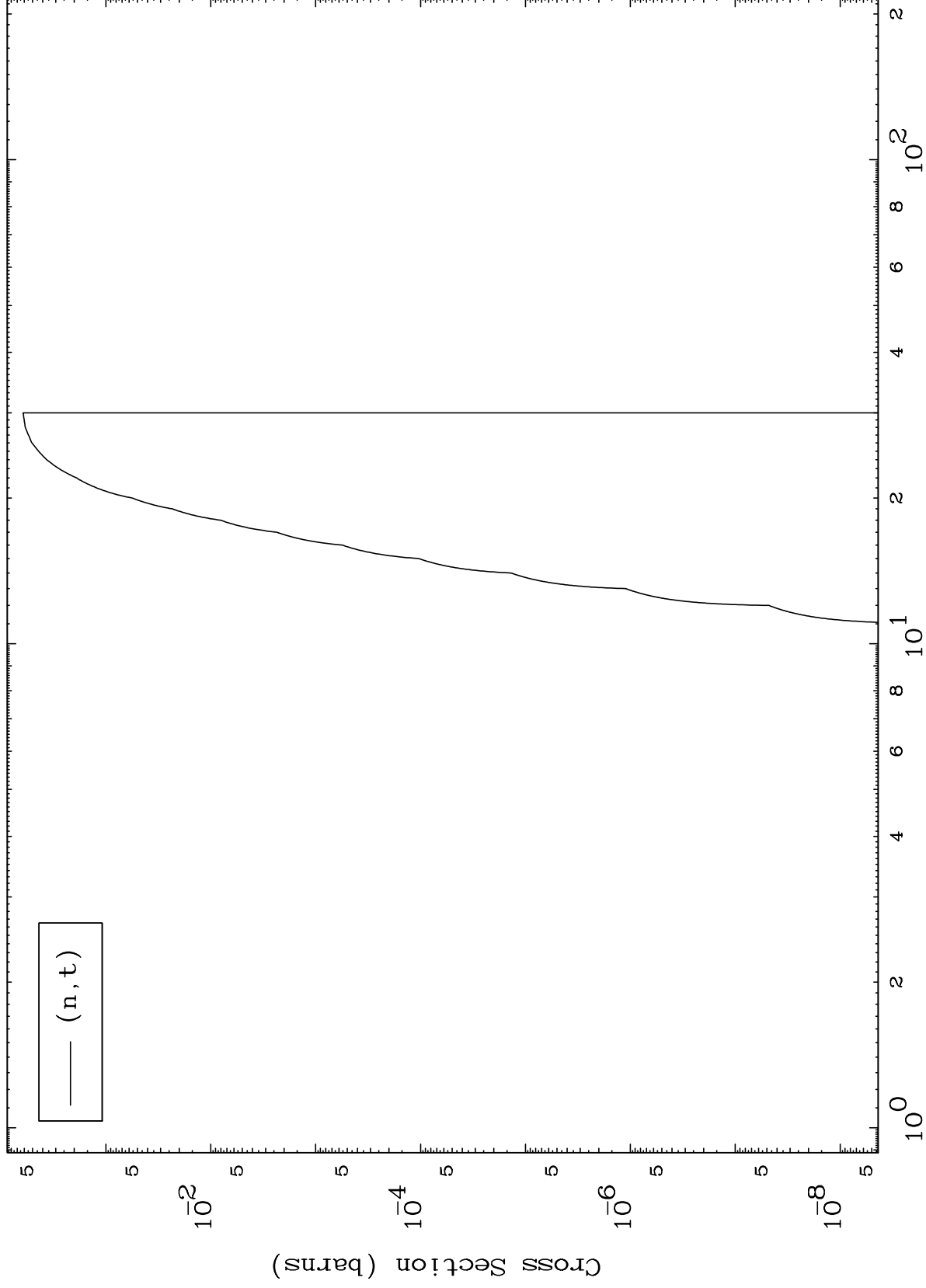
Incident Energy (MeV)



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(He-3,t) Levels
0 Kelvin Cross Sections

78-Pt-193m



Incident Energy (MeV)

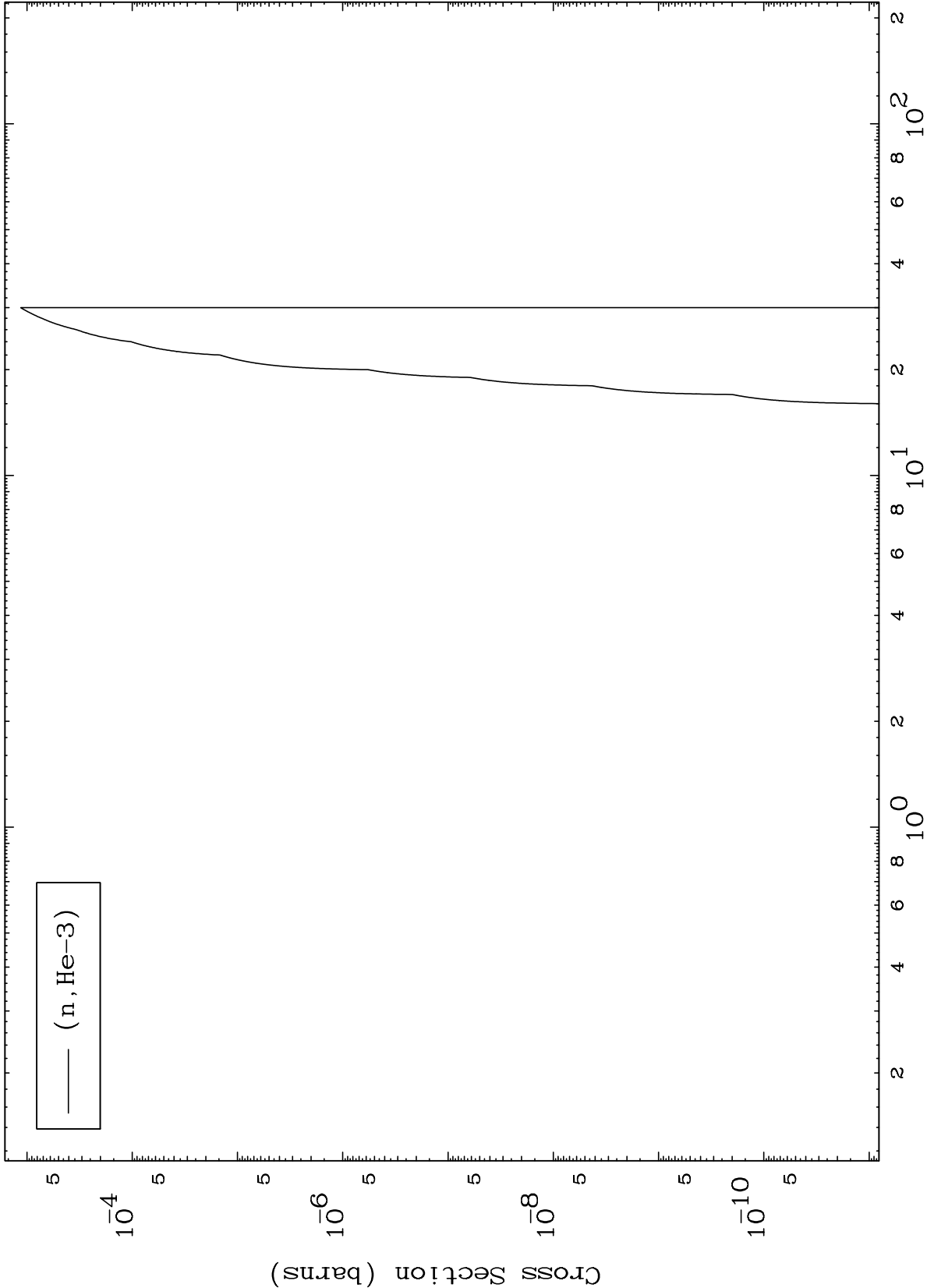
78-Pt-193m

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(He-3,He3) Levels

78-Pt-193m

0 Kelvin Cross Sections



10

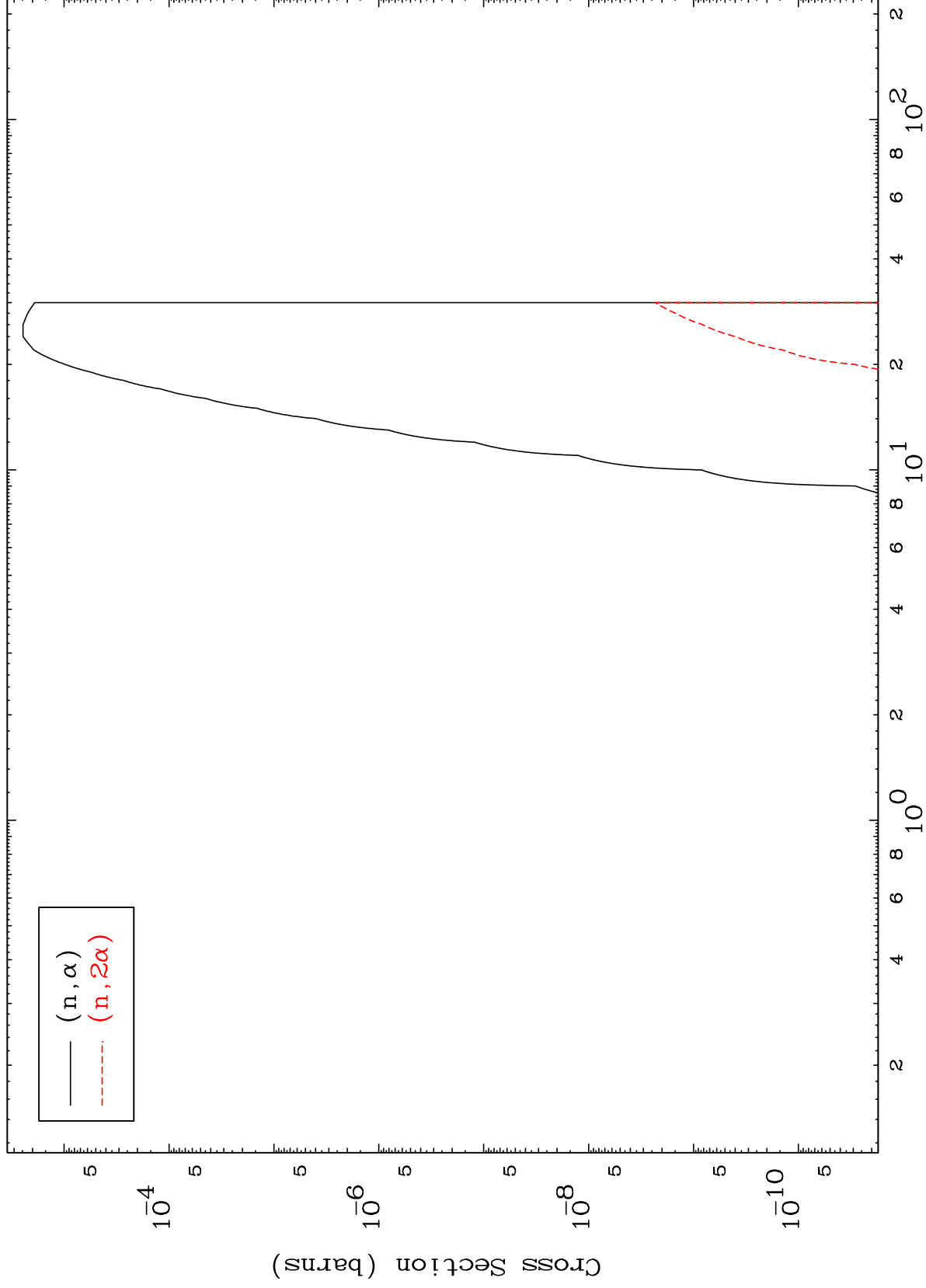
Incident Energy (MeV)

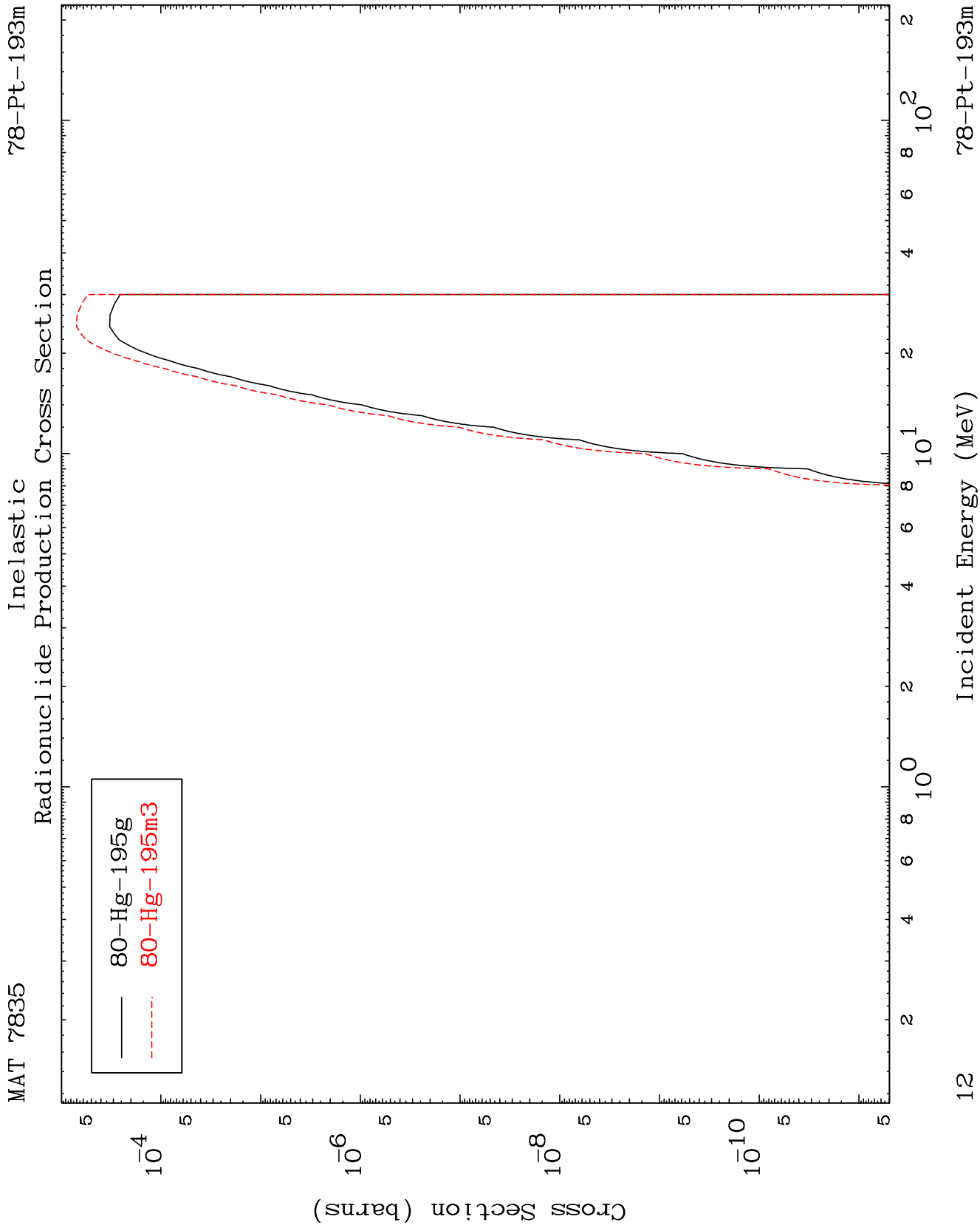
78-Pt-193m

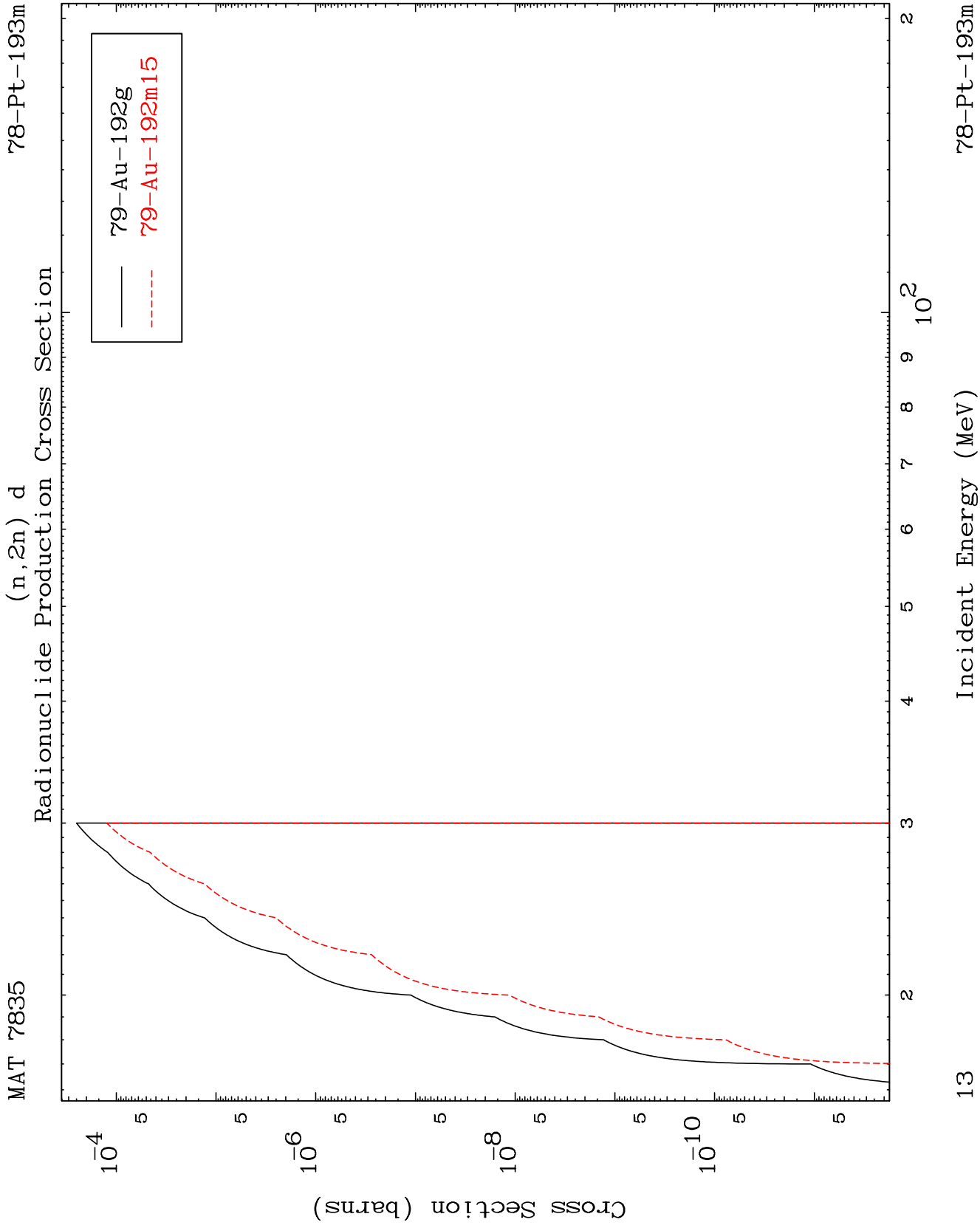
MAT 7835

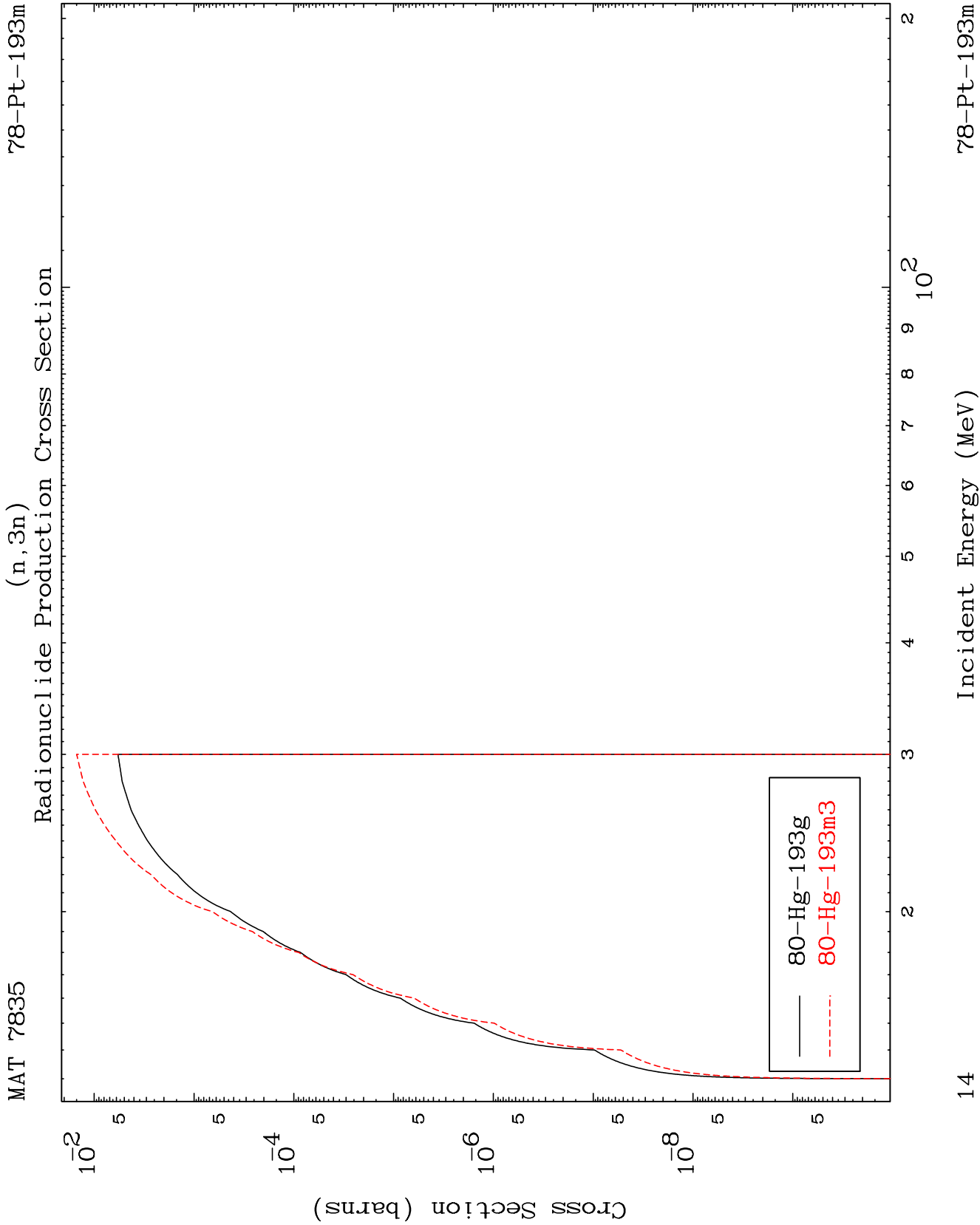
78-Pt-193m

(He-3, α) Levels
0 Kelvin Cross Sections







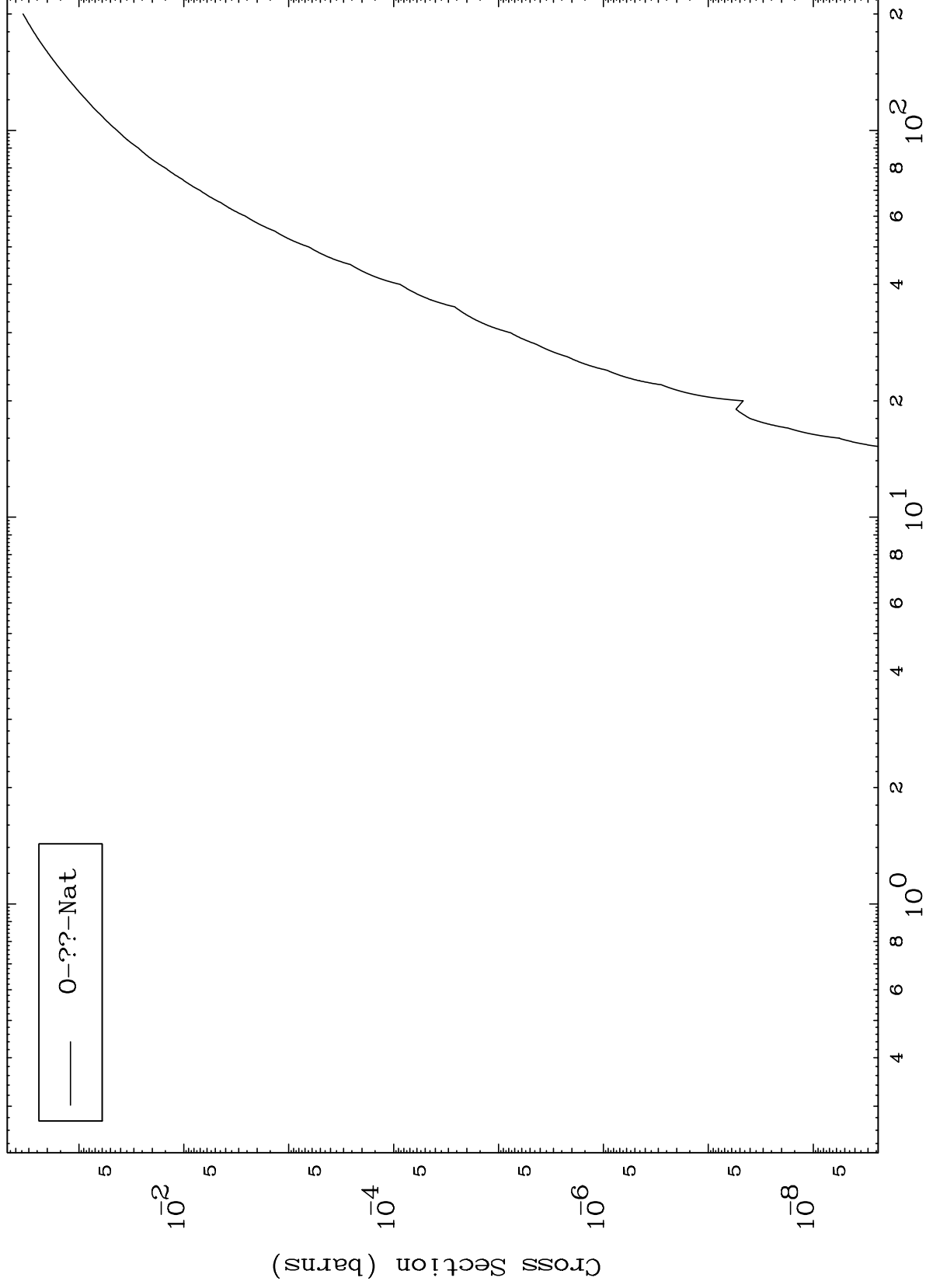


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Fission

⁷⁸Pt-193m

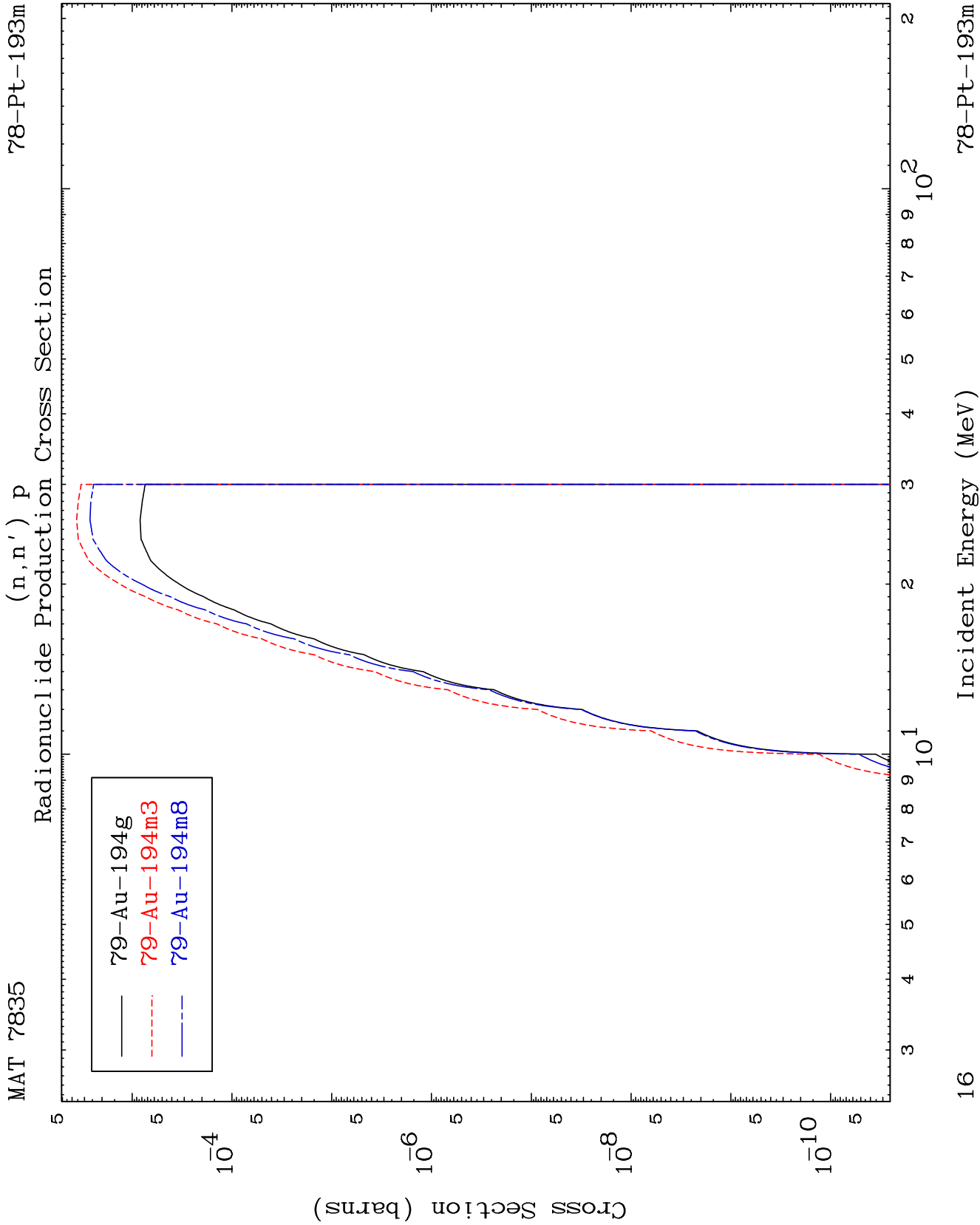
Radionuclide Production Cross Section

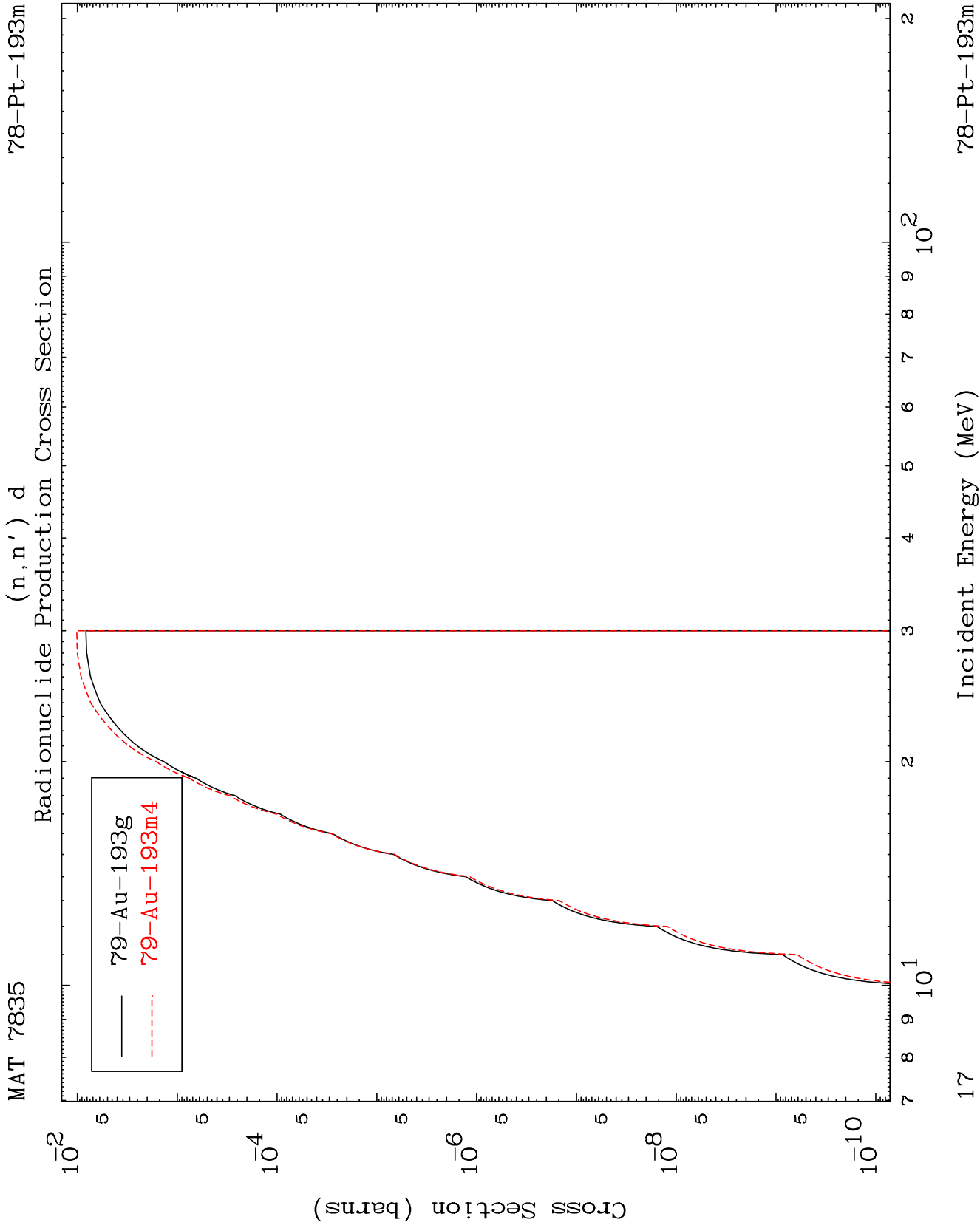


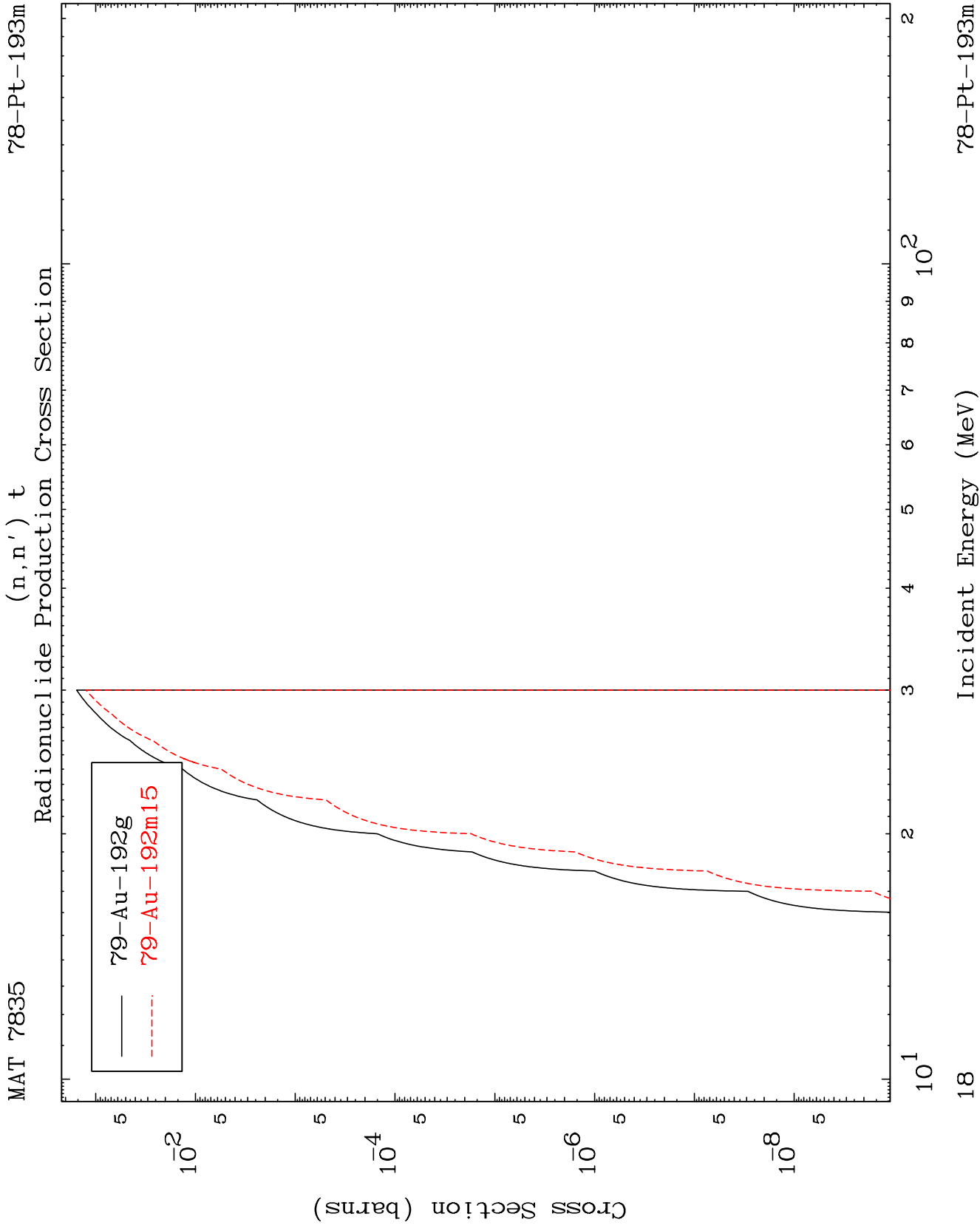
15

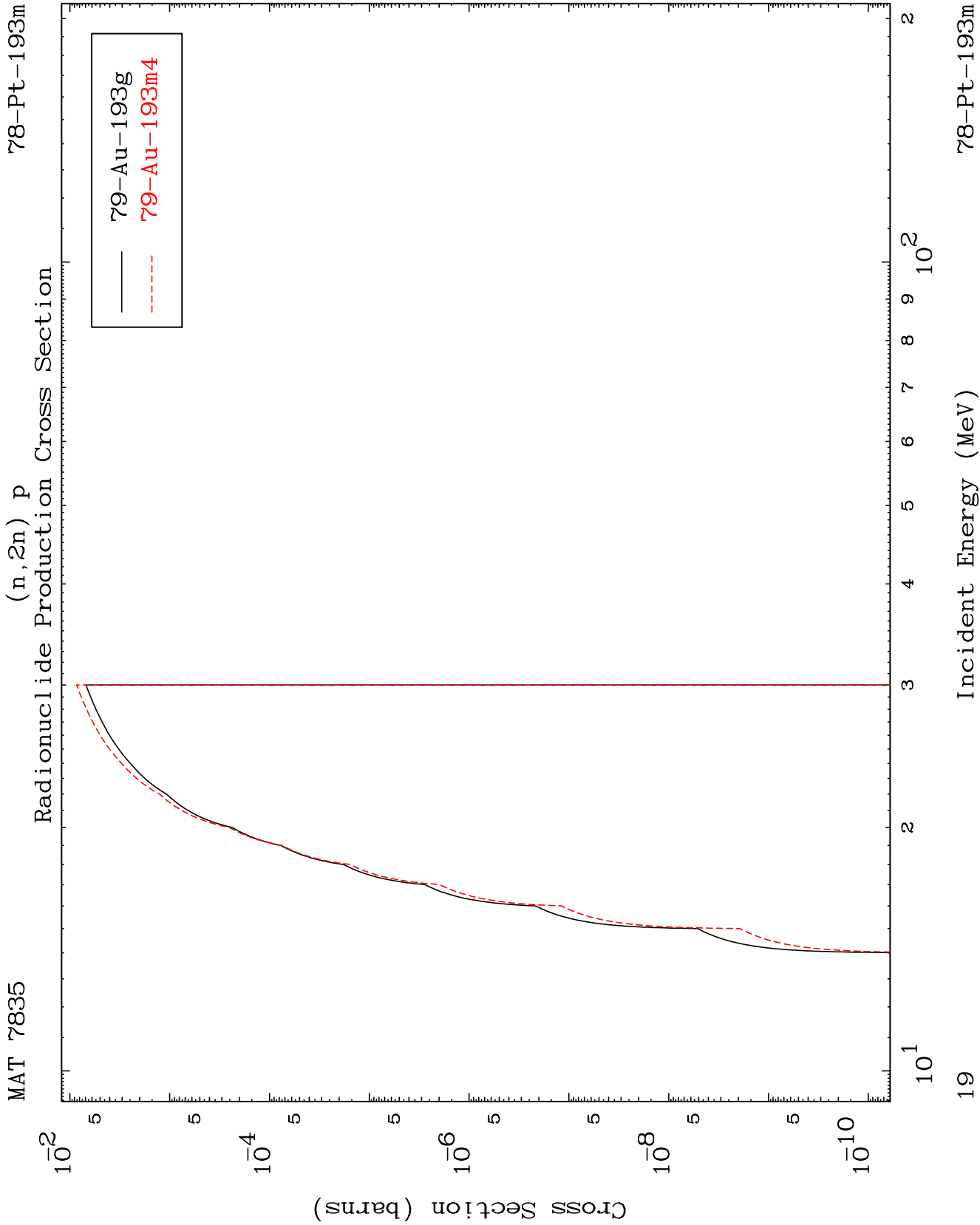
Incident Energy (MeV)

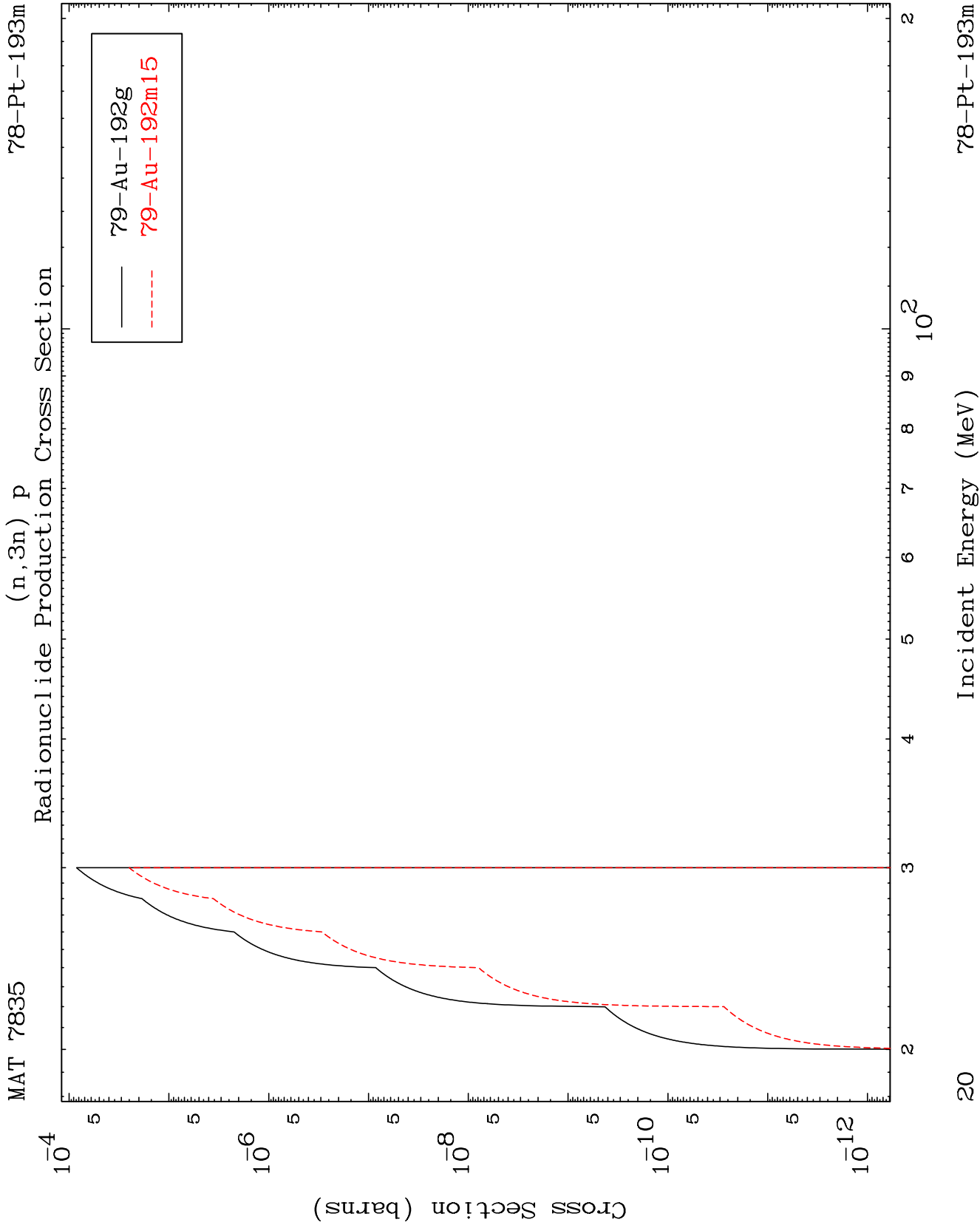
⁷⁸Pt-193m







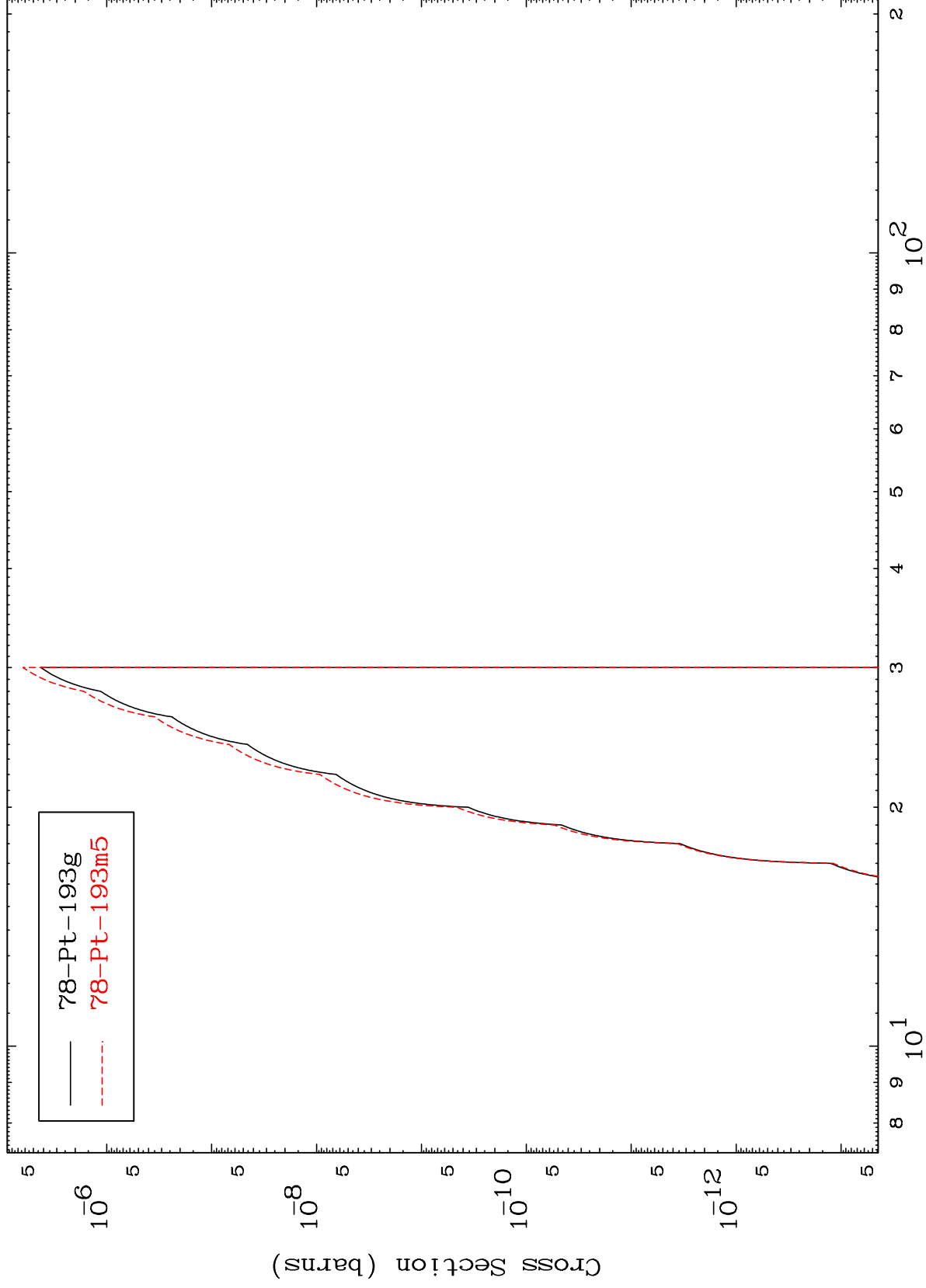




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$^{78}\text{Pt}-^{193}\text{m}$ (n,2n) p

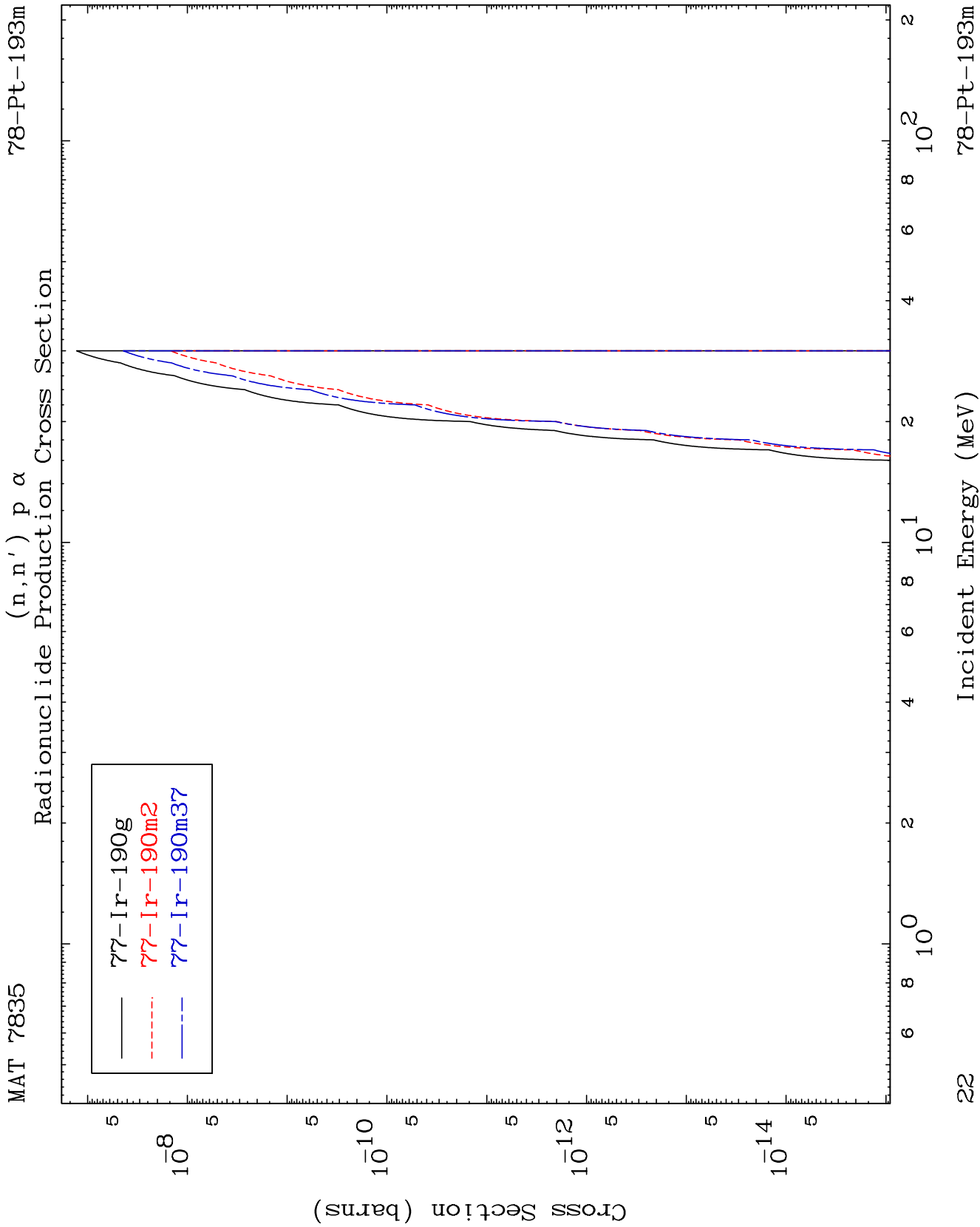
Radionuclide Production Cross Section

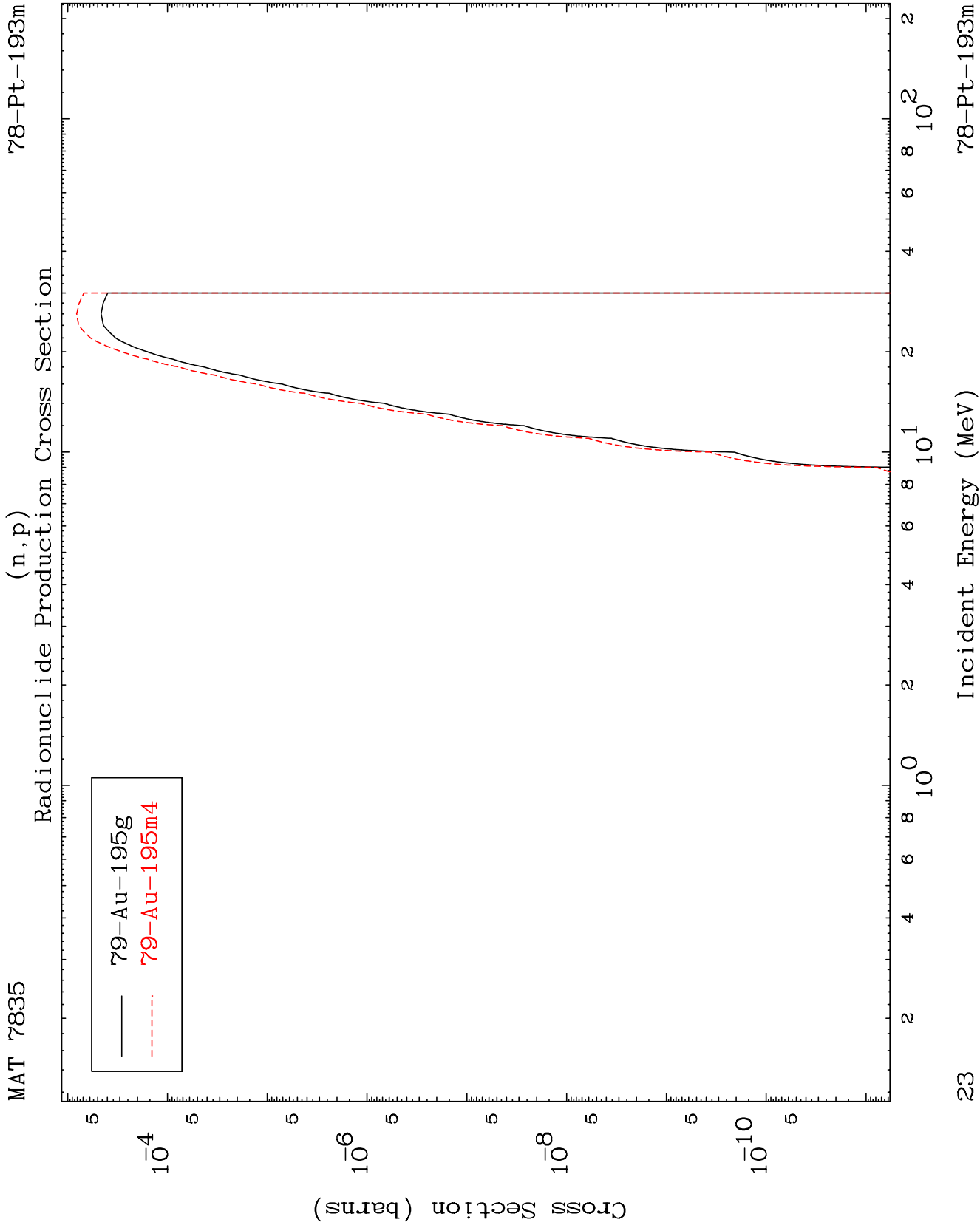


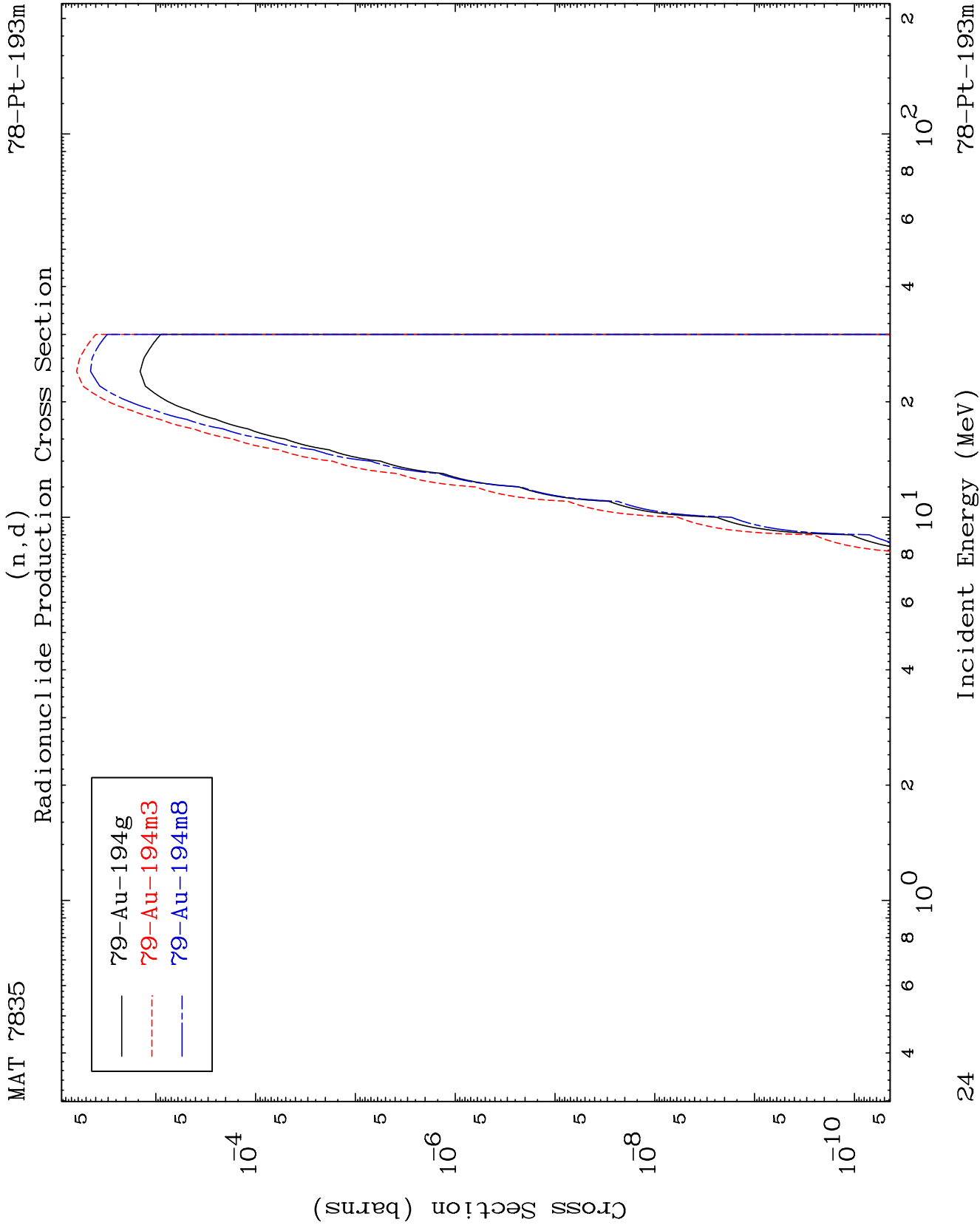
21

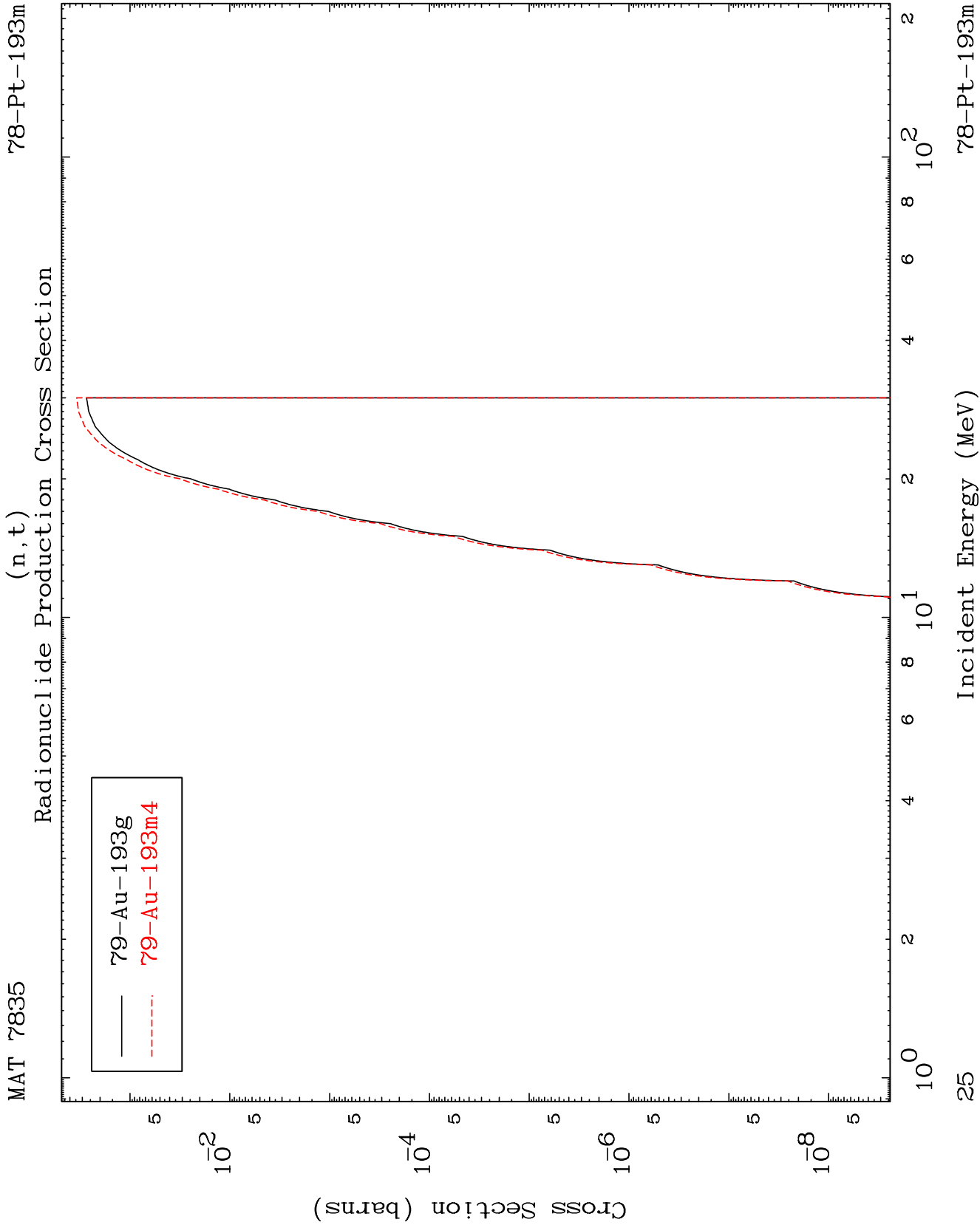
Incident Energy (MeV)

$^{78}\text{Pt}-^{193}\text{m}$

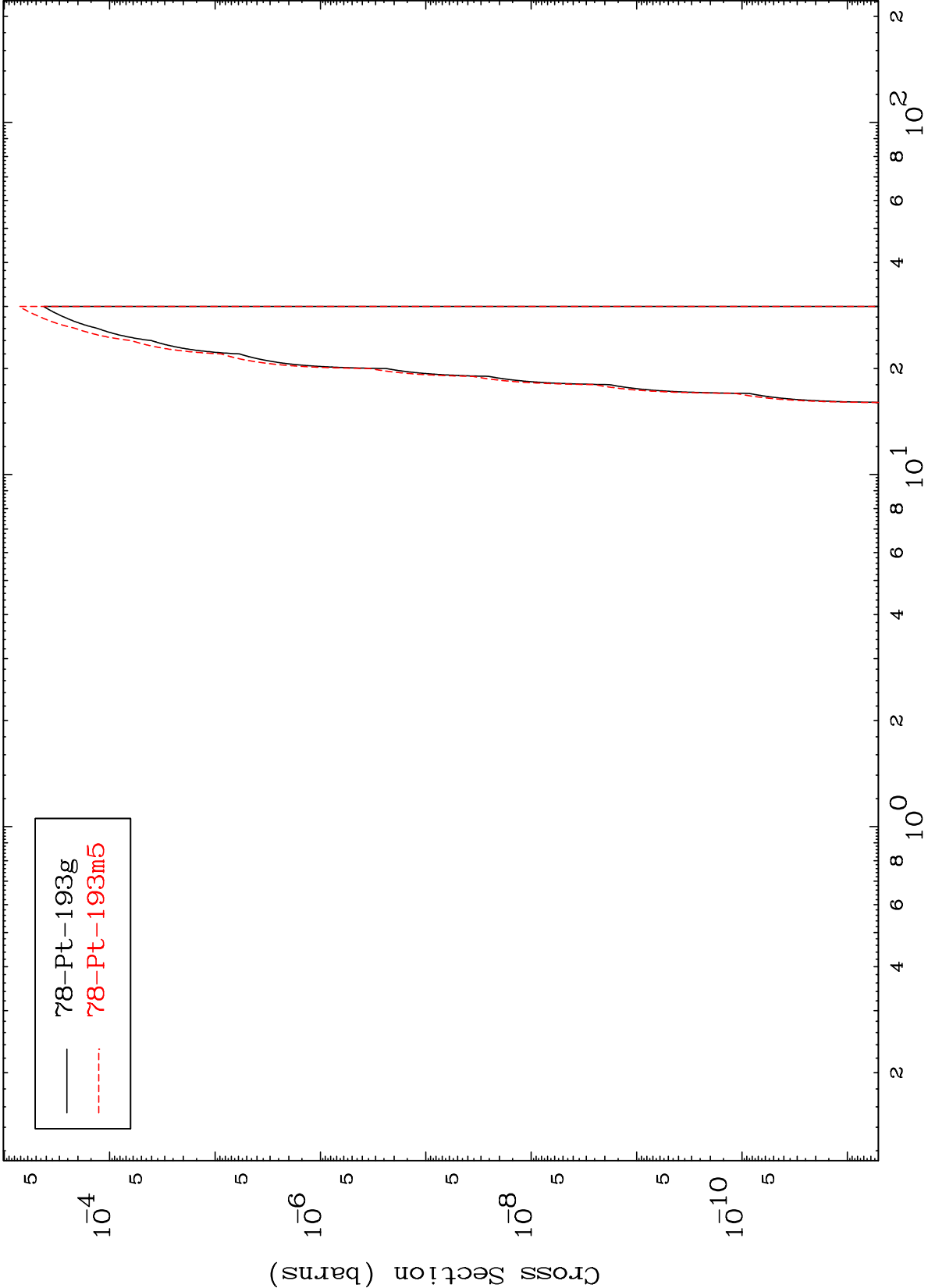








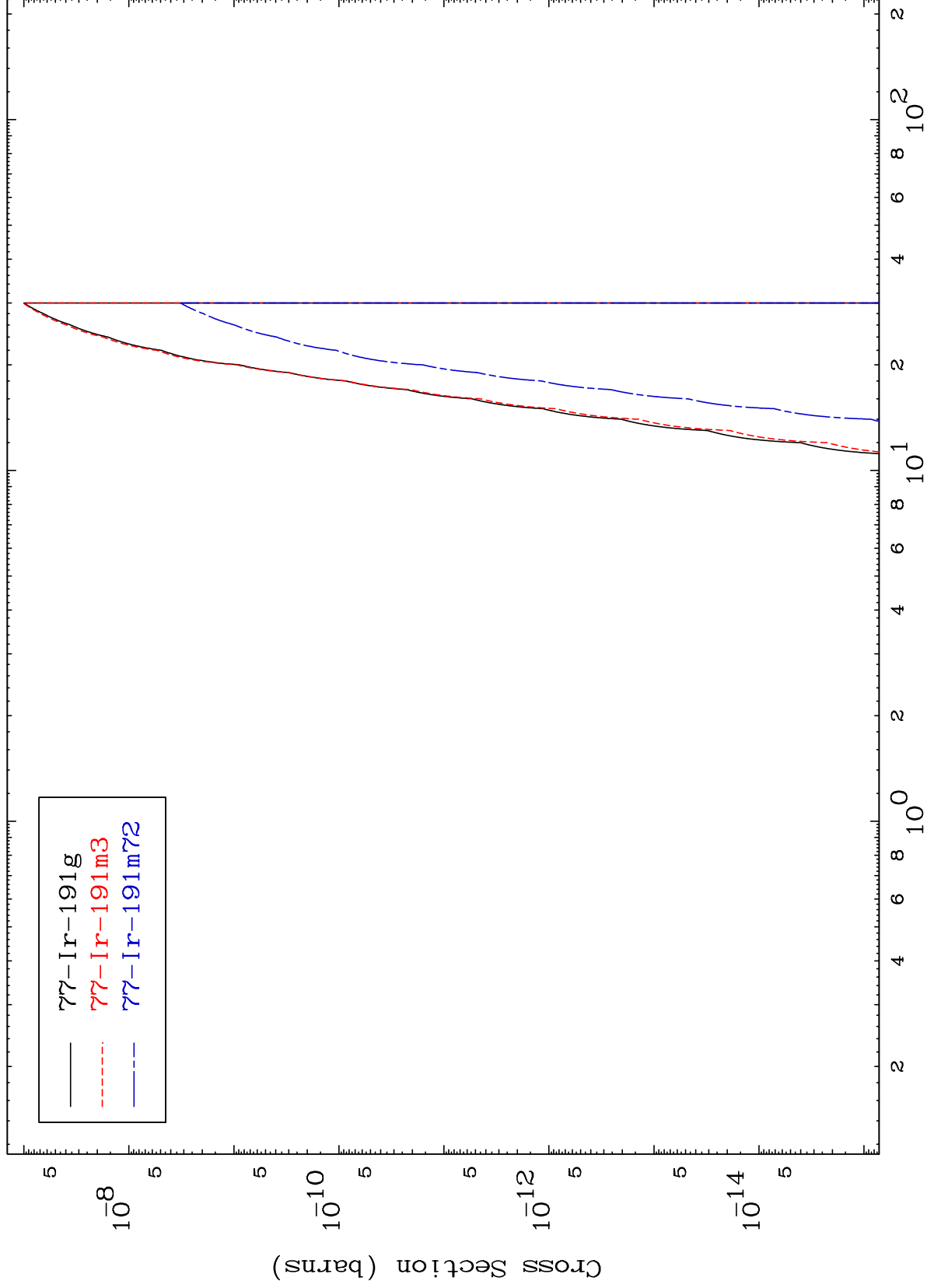
Radionuclide Production Cross Section



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78-Pt-193m

Radionuclide Production Cross Section
(n,p) α



27

Incident Energy (MeV)

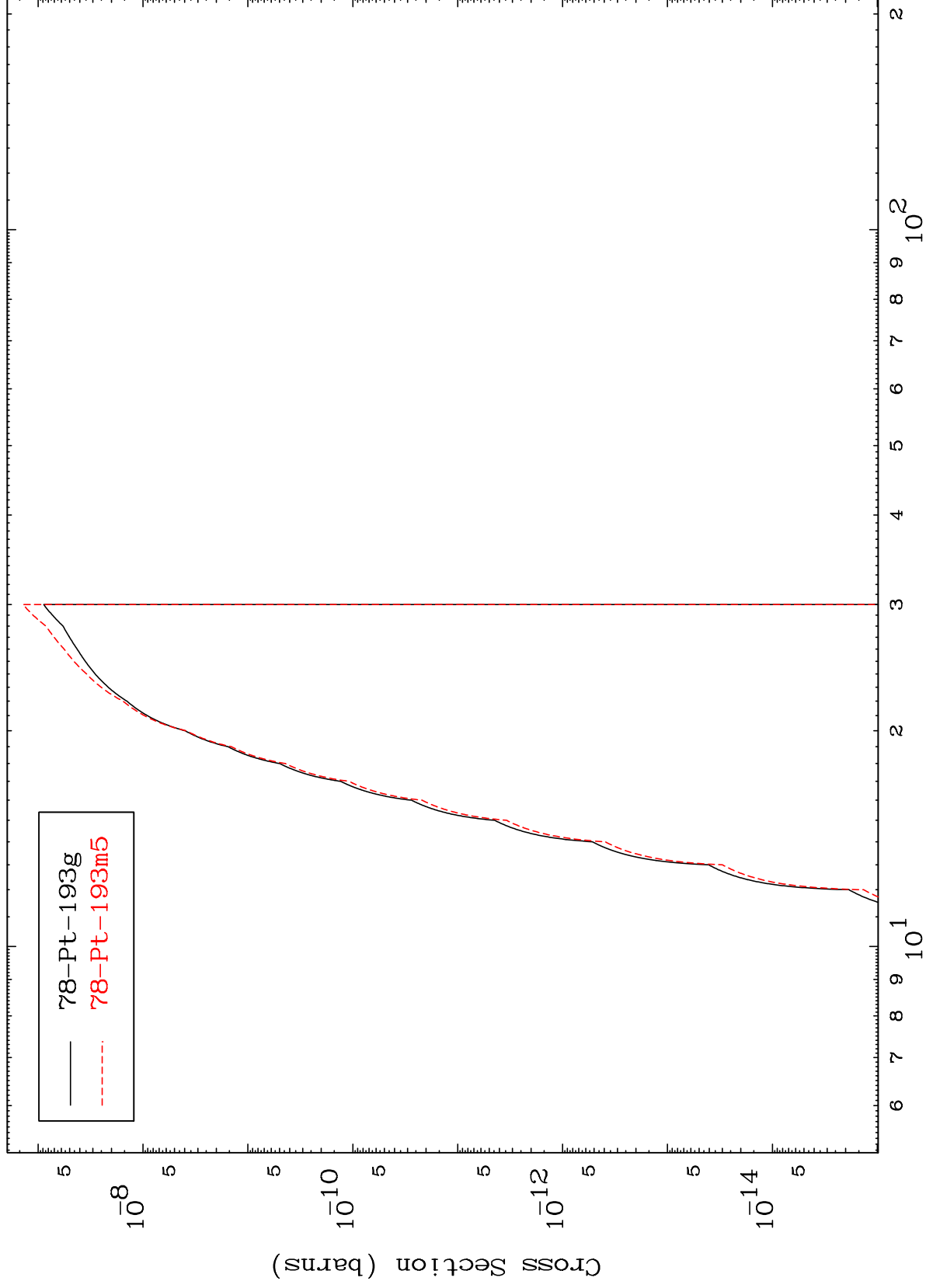
78-Pt-193m

MAT 7835

(n,p) d

⁷⁸Pt-¹⁹³m

Radionuclide Production Cross Section



28

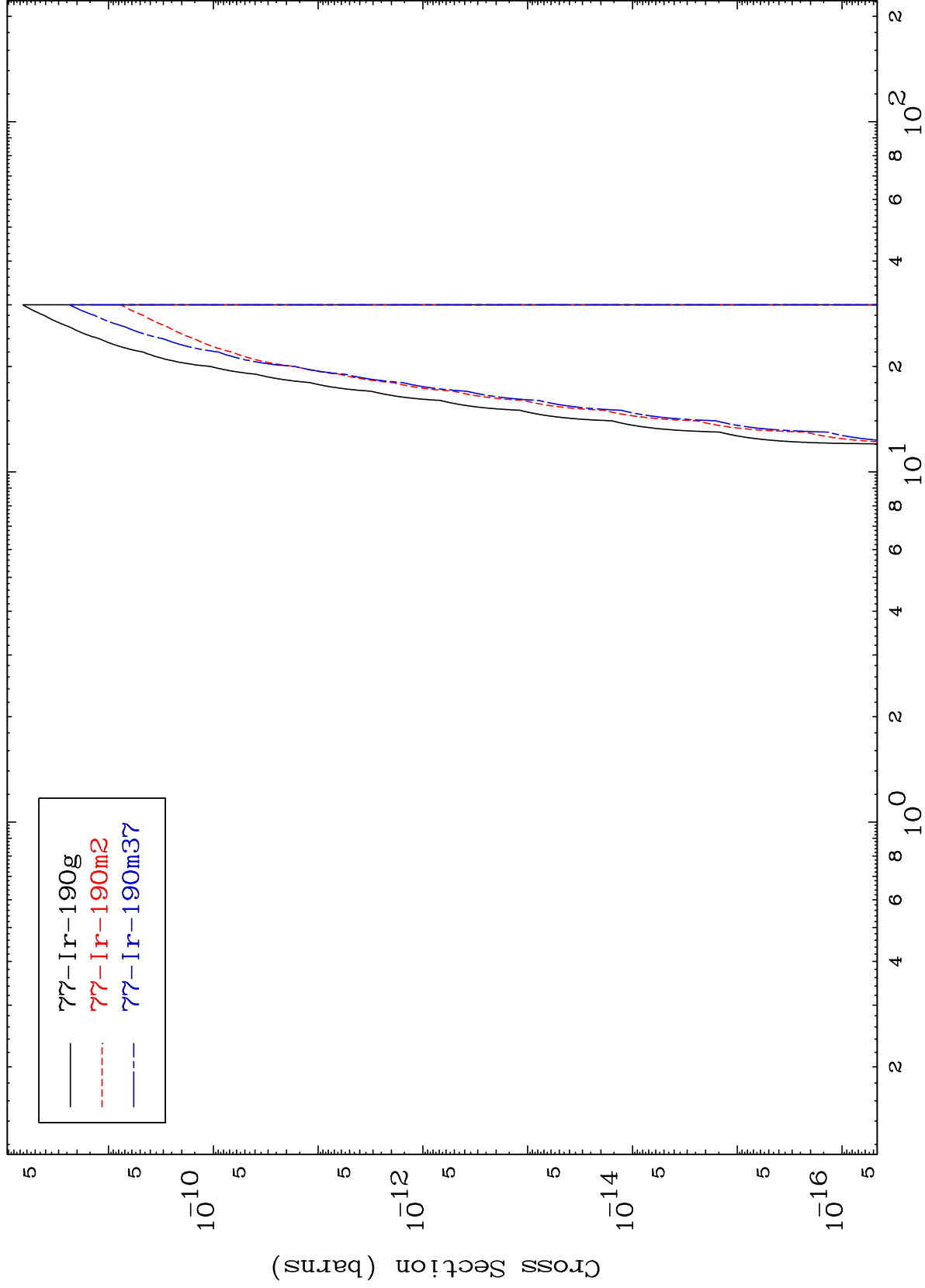
Incident Energy (MeV)

⁷⁸Pt-¹⁹³m

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78-Pt-193m

Radionuclide Production Cross Section
(n,d) α



29

Incident Energy (MeV)

78-Pt-193m