

Program EVALPLOT
(Version 2021-1)

by

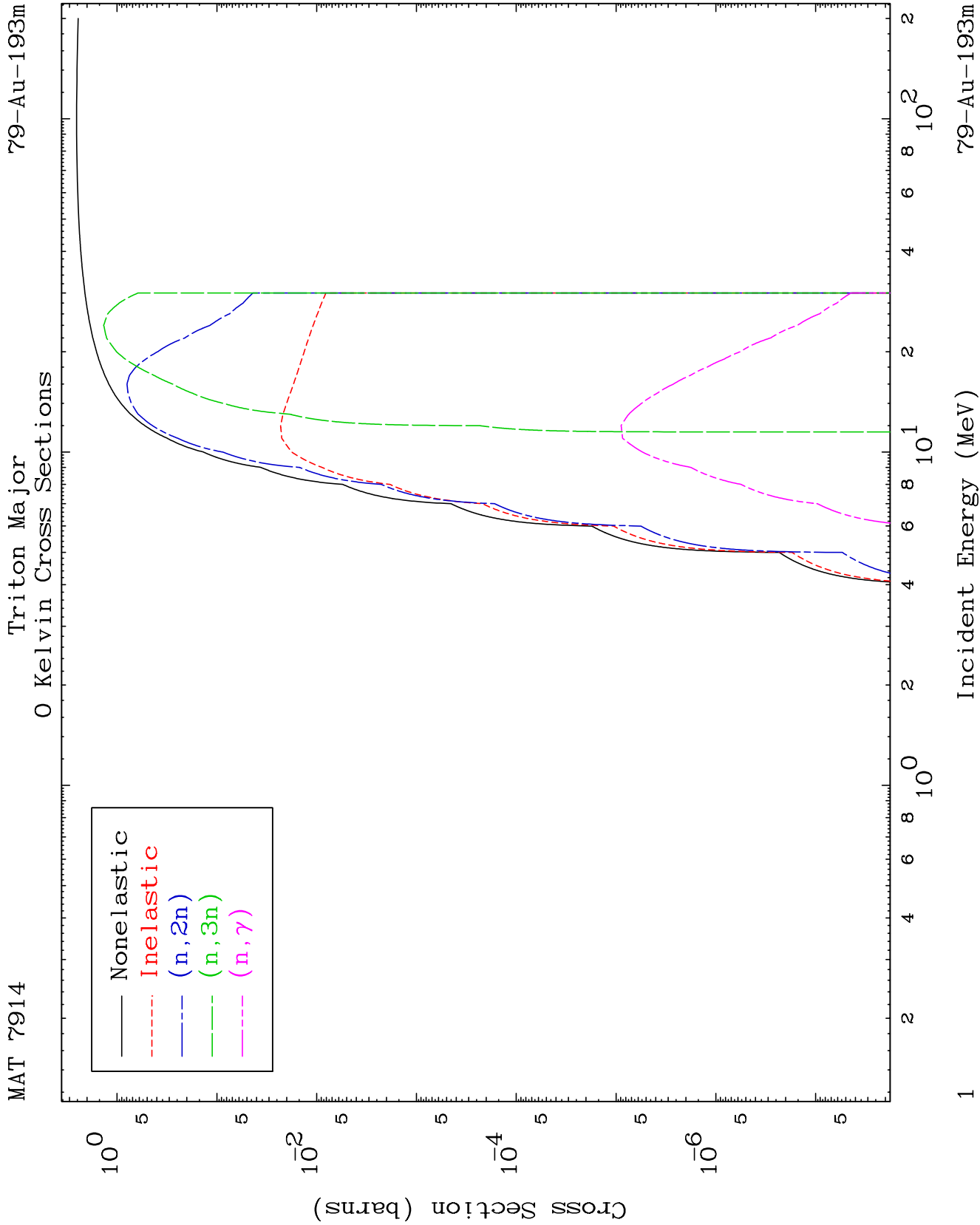
Dermott E. Cullen
(Present Contact Information)

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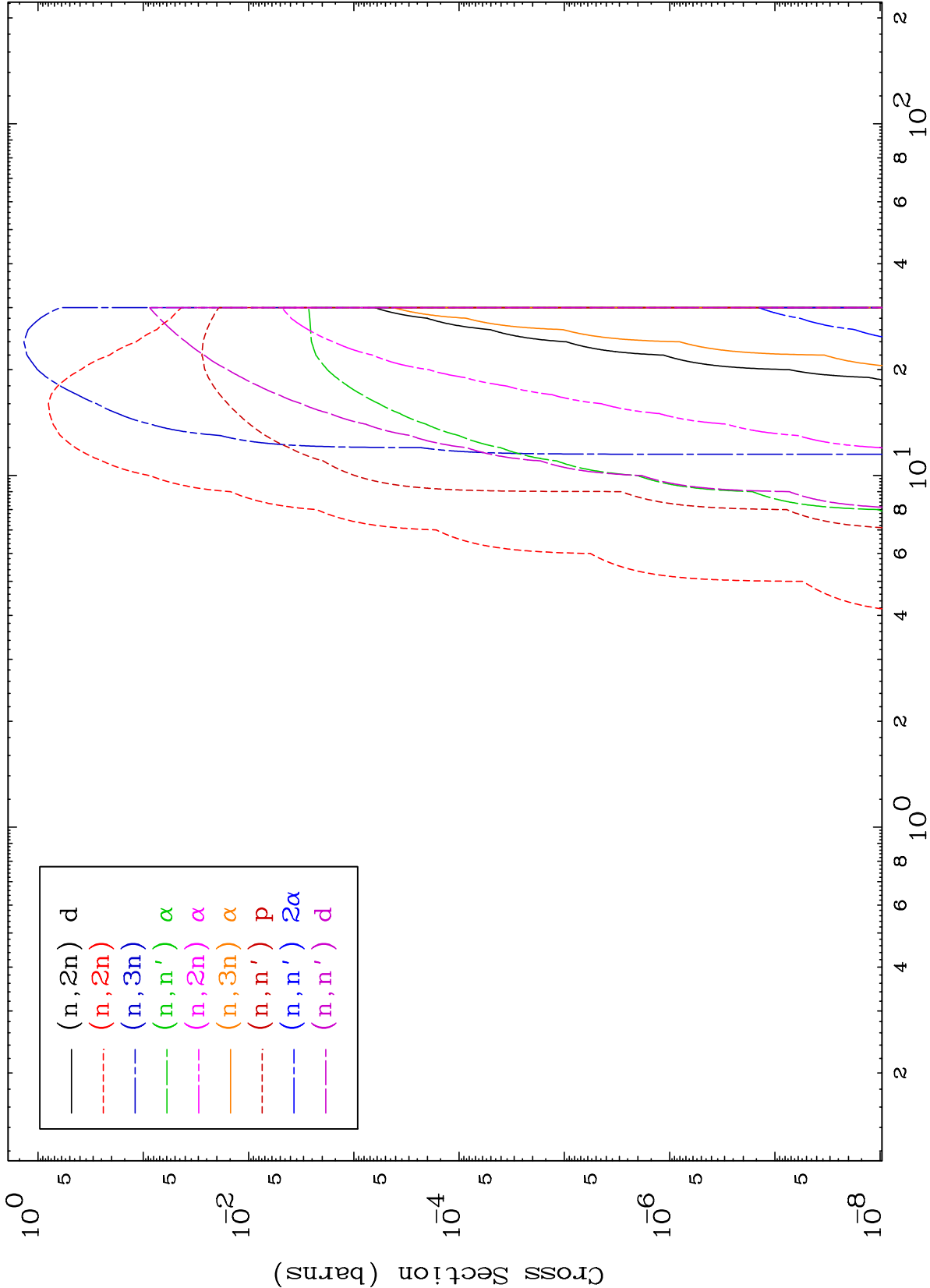
Press Mouse Button to Start

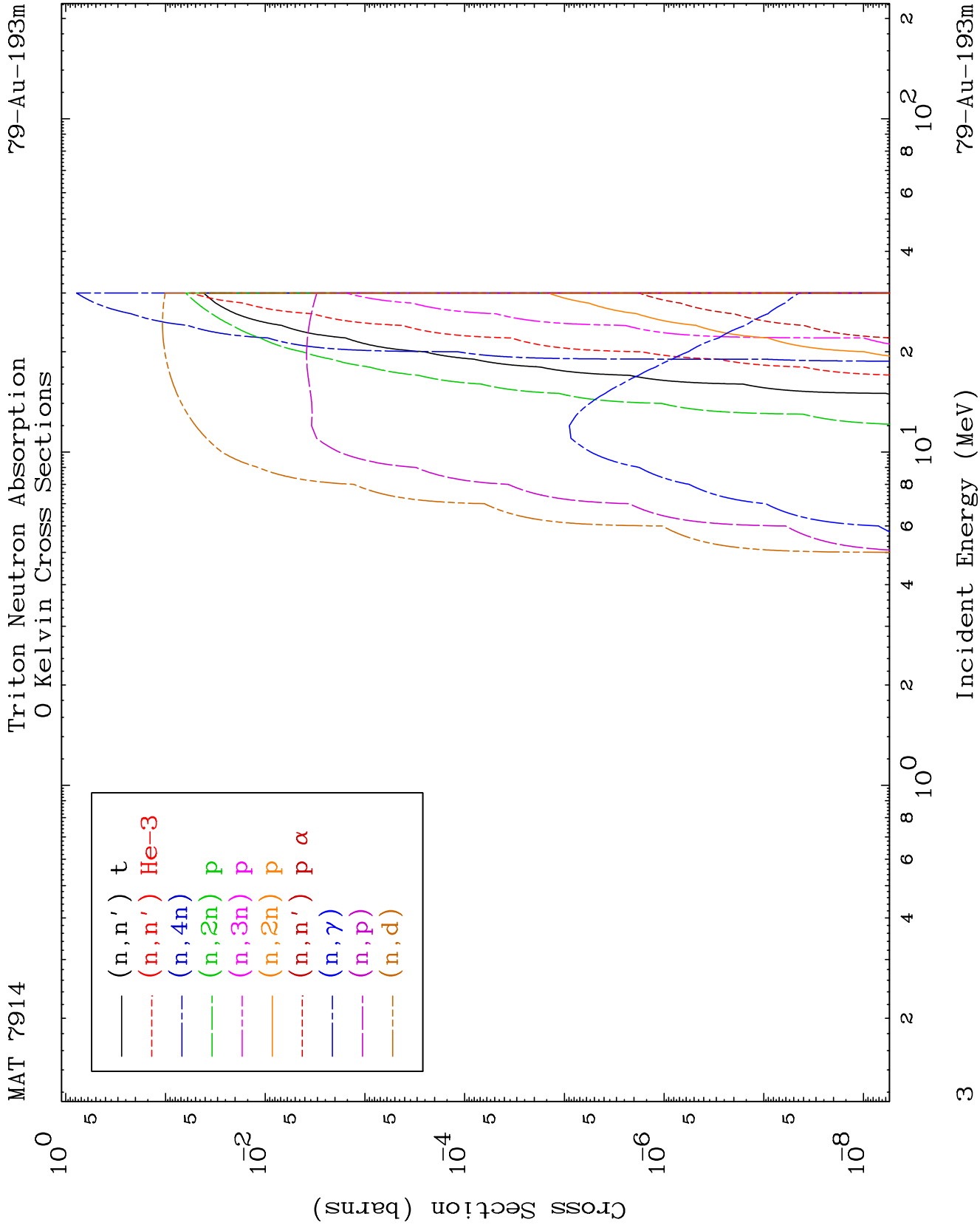


MAT 7914

Triton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-193m

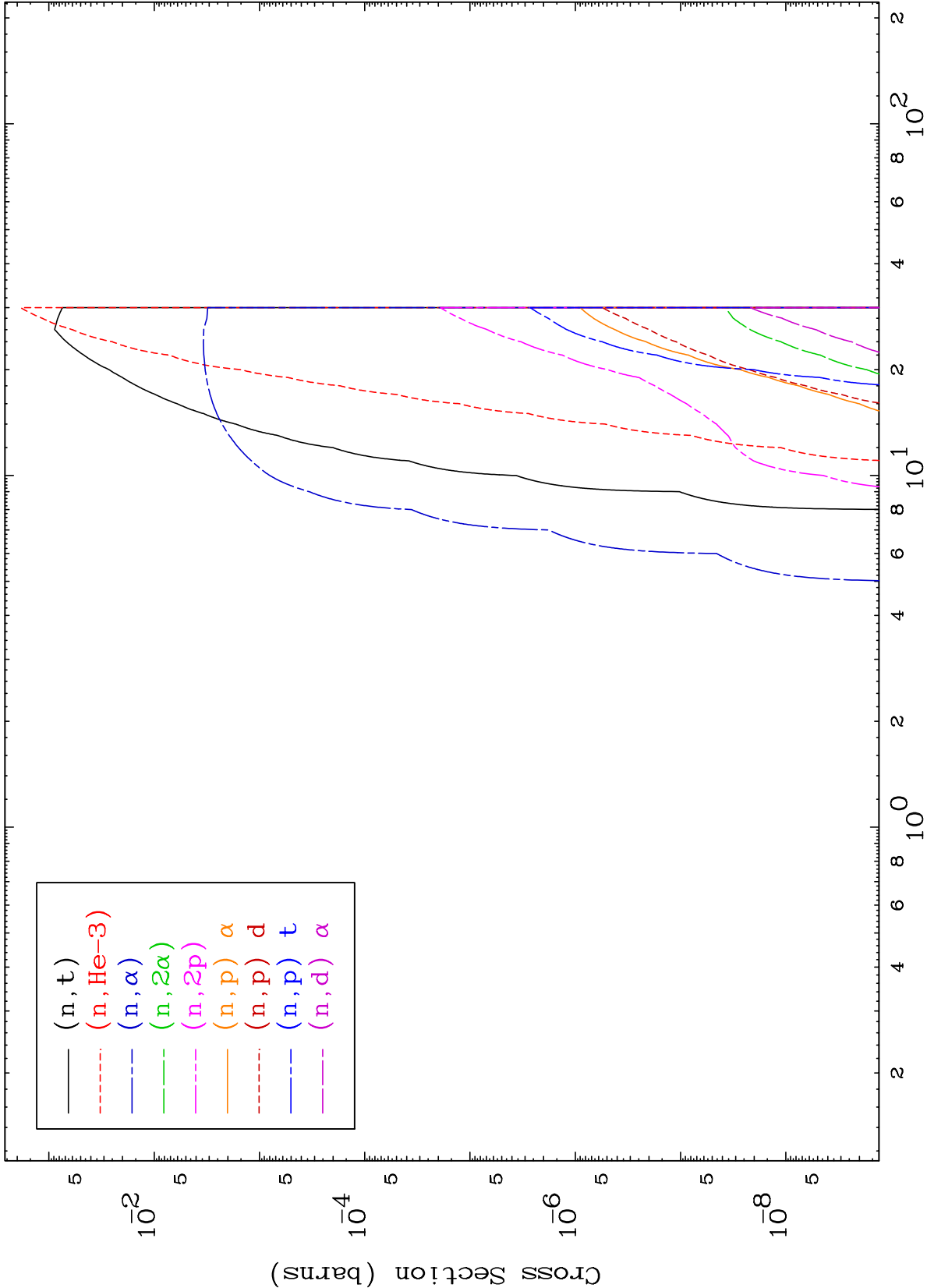


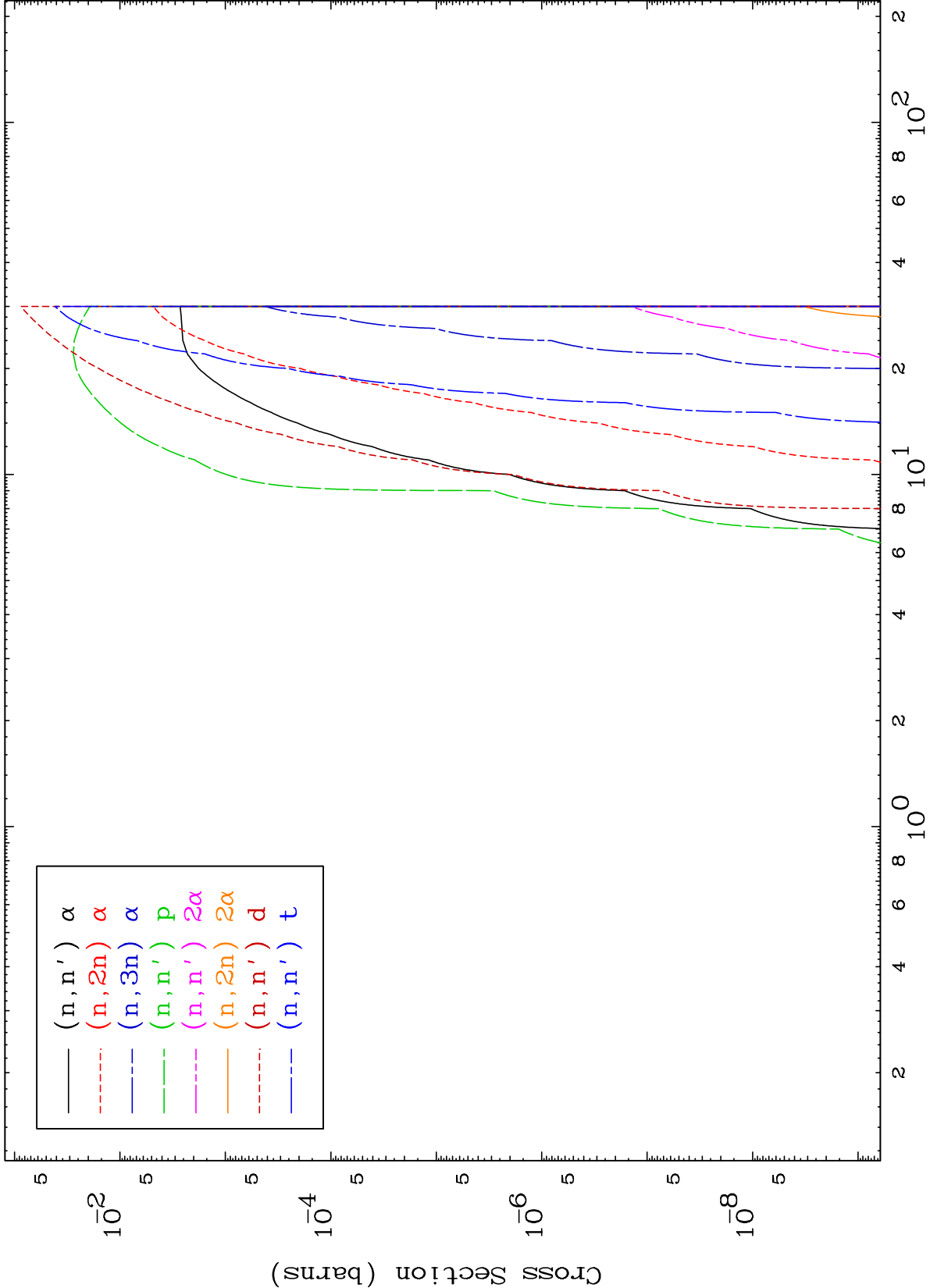


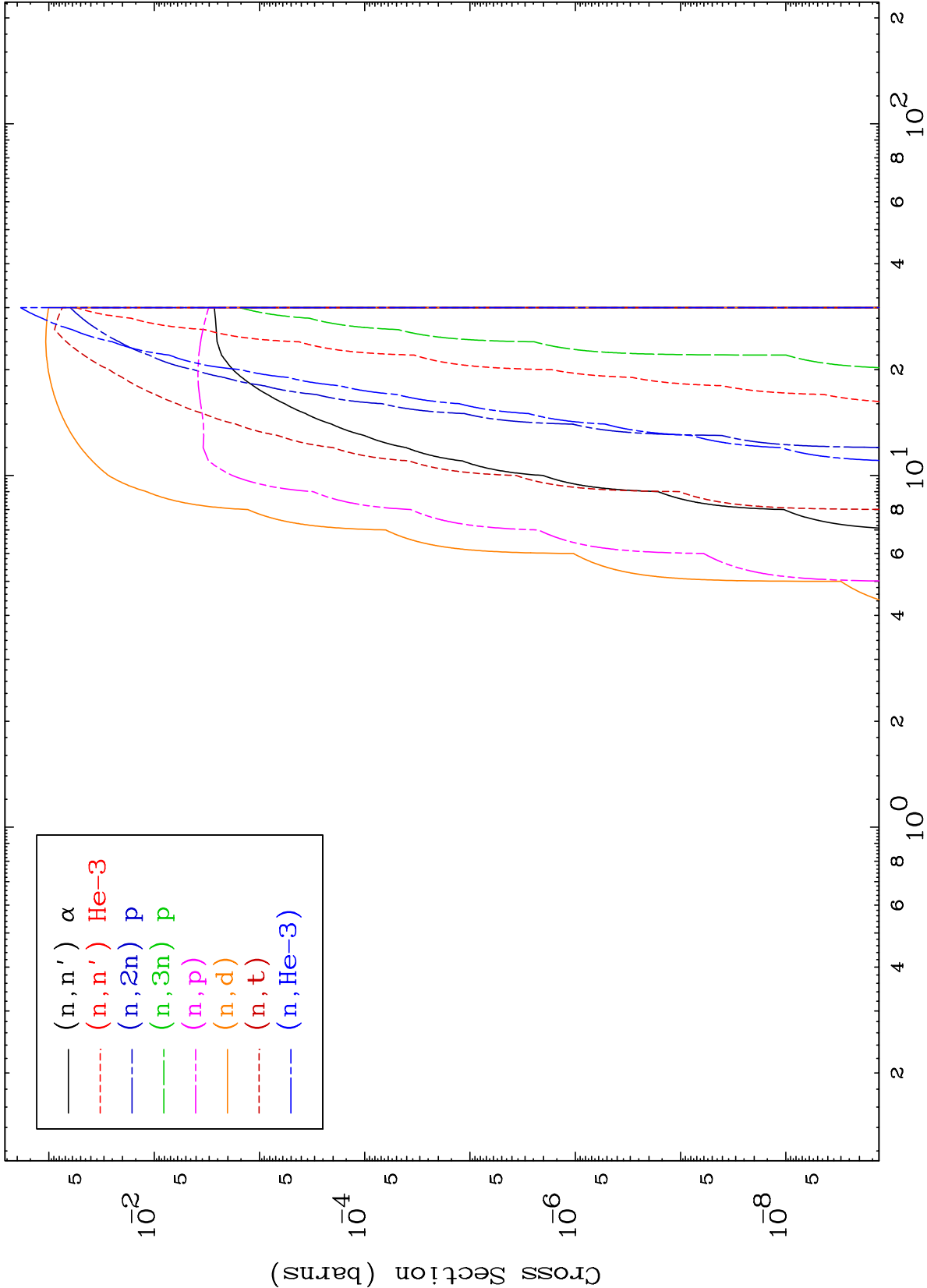
MAT 7914

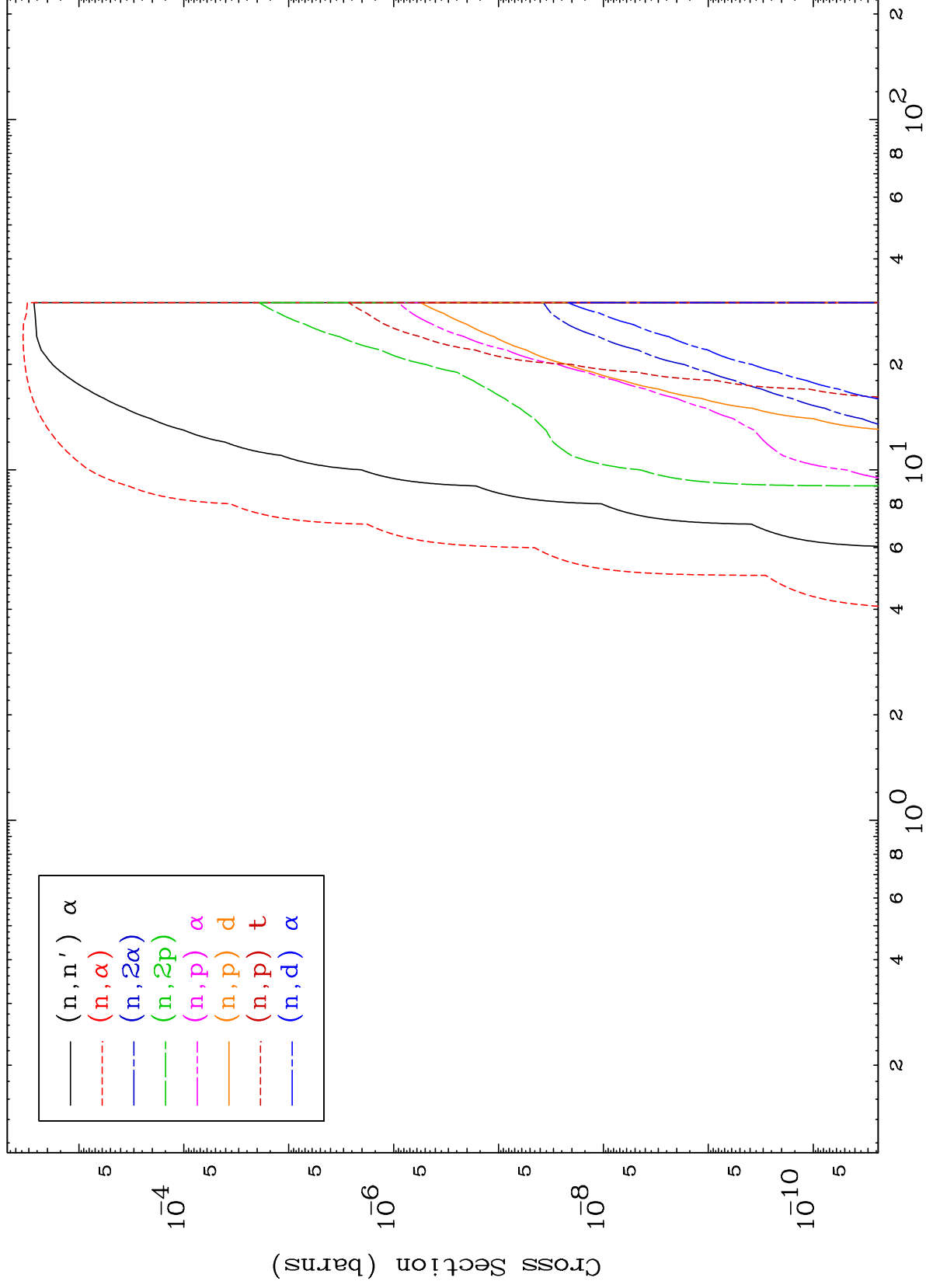
Triton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-¹⁹³m







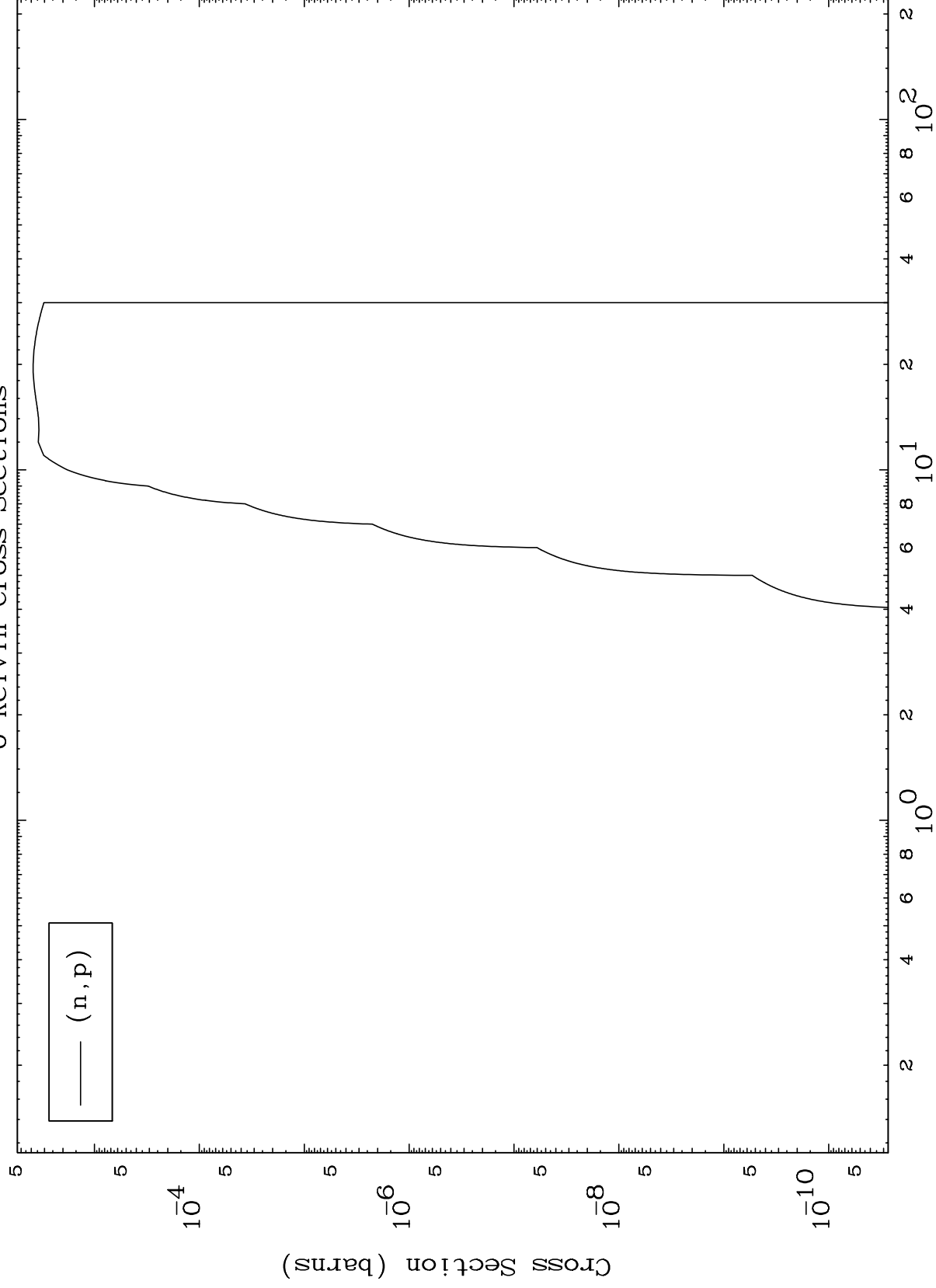


MAT 7914

(t,p) Levels

⁷⁹Au-193m

0 Kelvin Cross Sections

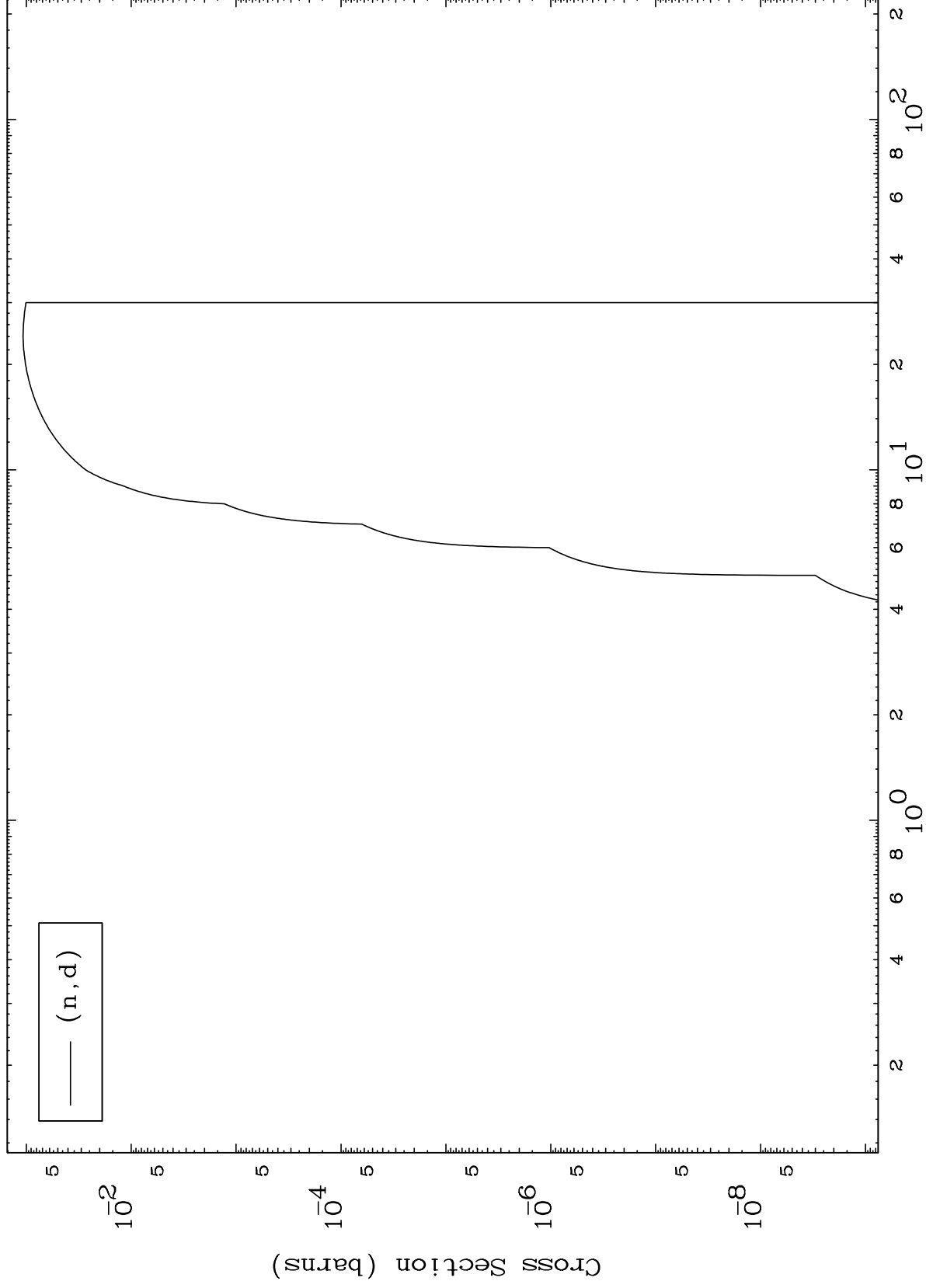


— (n,p)

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79-Au-193m

(t,d) Levels
0 Kelvin Cross Sections

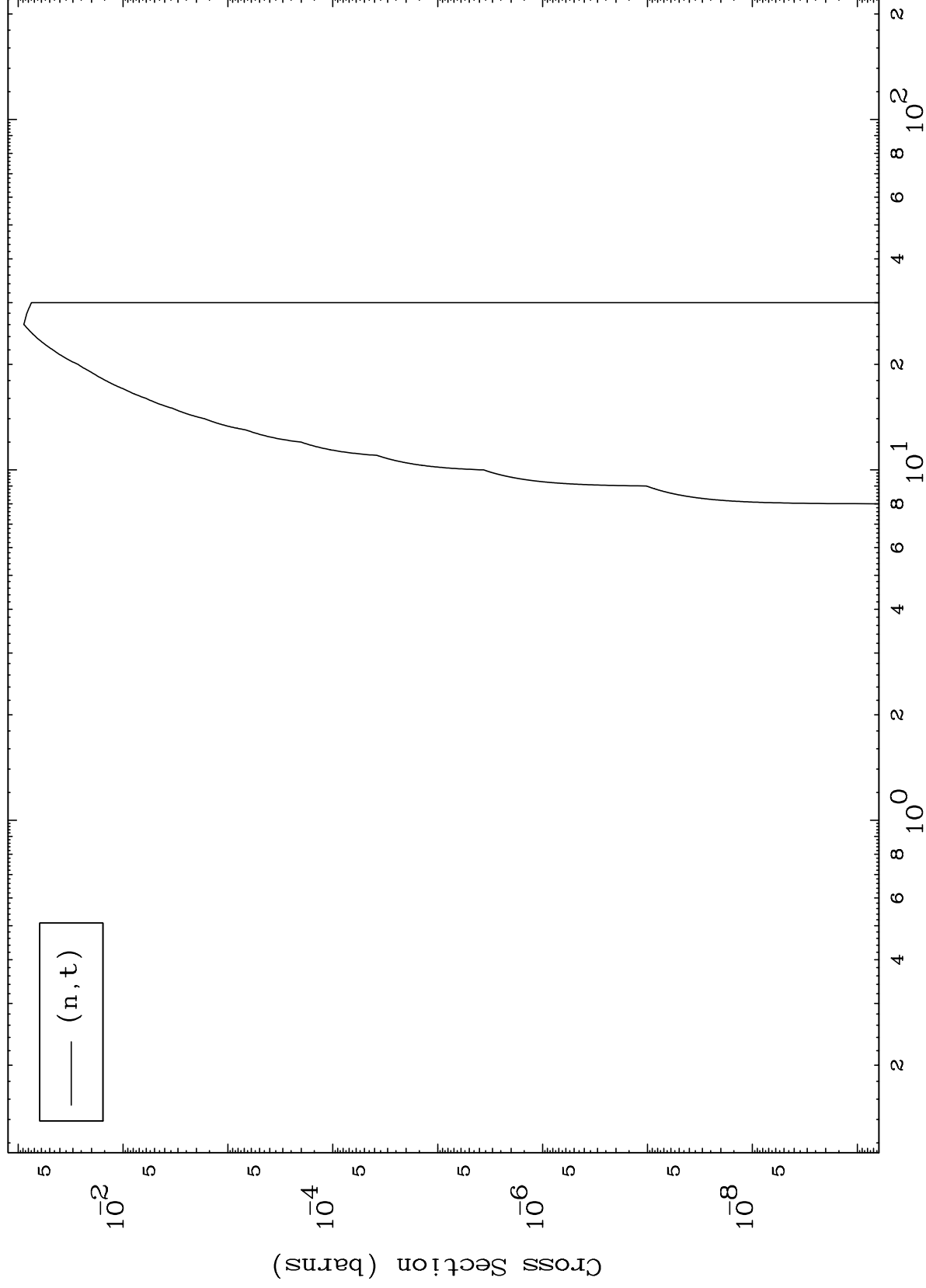


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(t,t) Levels

79-Au-193m

0 Kelvin Cross Sections



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Incident Energy (MeV)

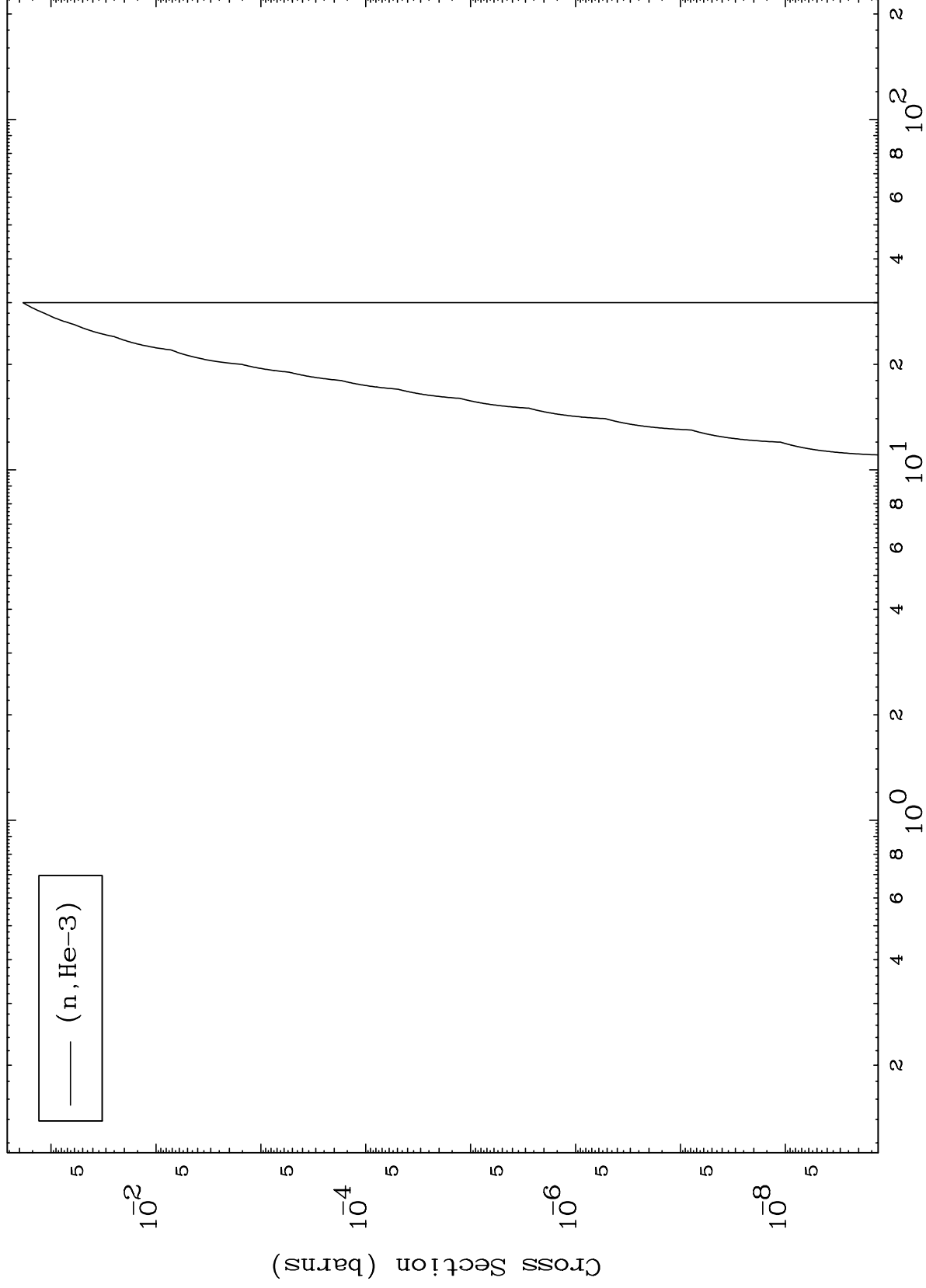
79-Au-193m

MAT 7914

(t,He3) Levels

79-Au-193m

0 Kelvin Cross Sections



11

Incident Energy (MeV)

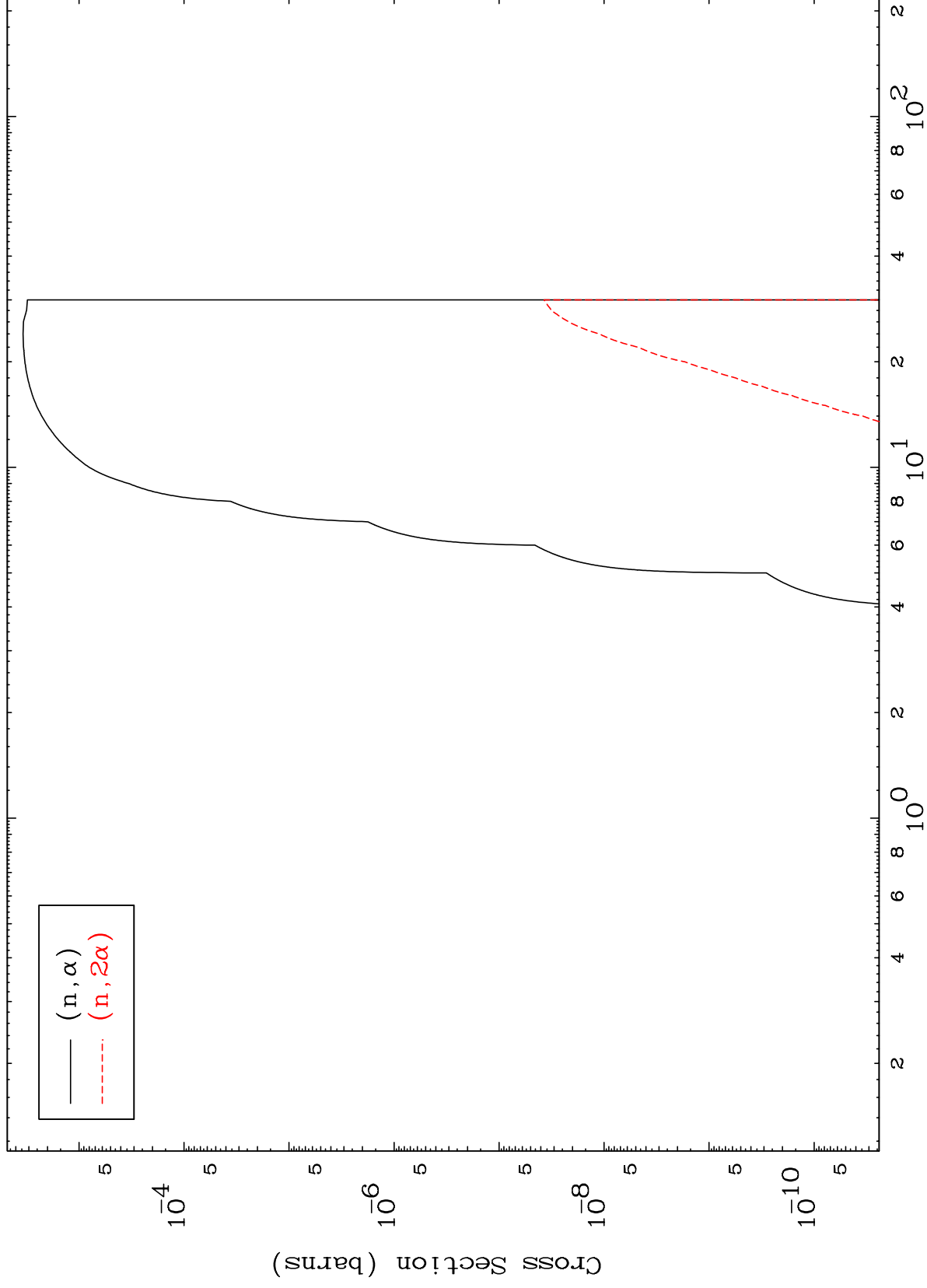
79-Au-193m

MAT 7914

(t, α) Levels

⁷⁹Au-193m

0 Kelvin Cross Sections



12

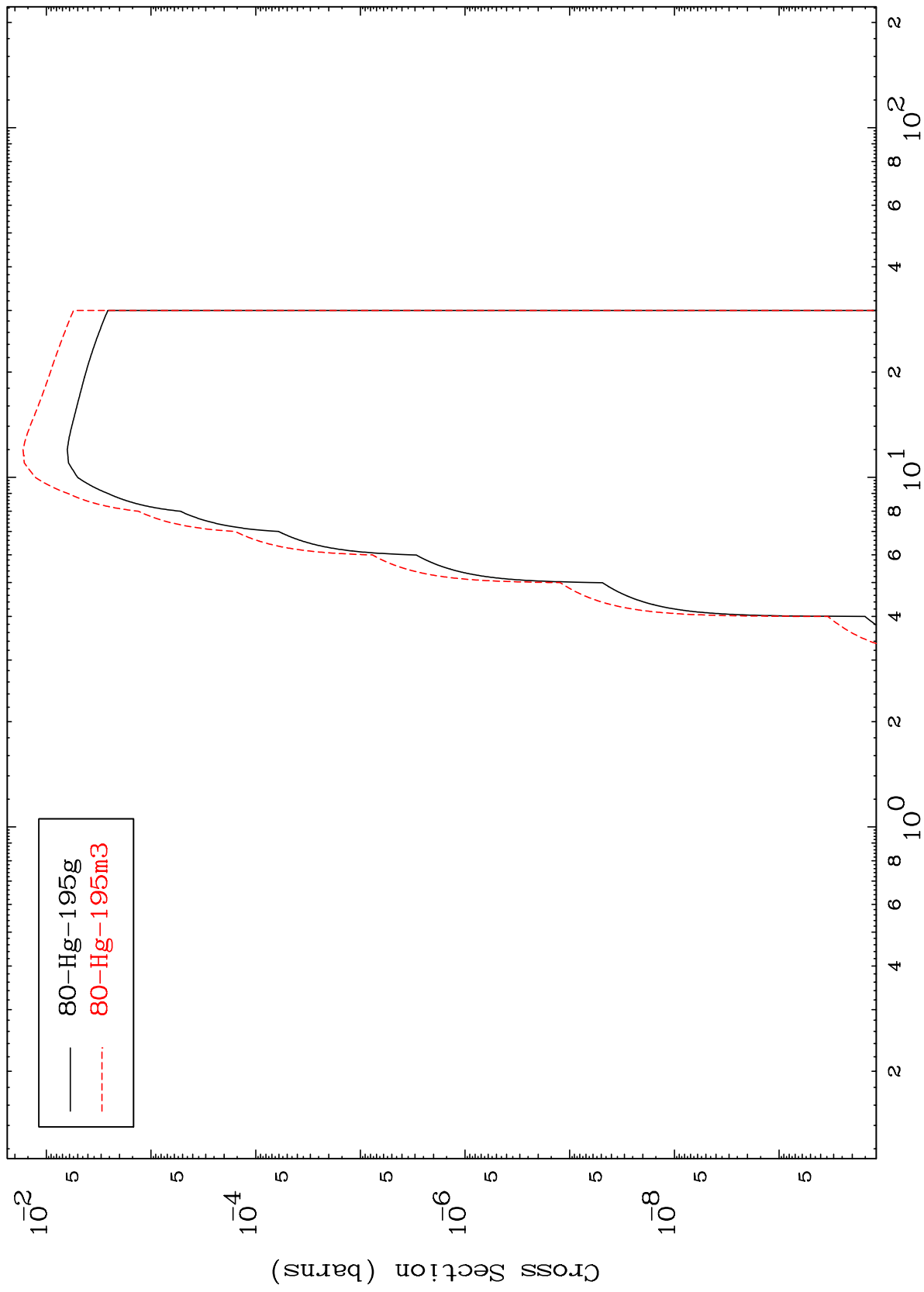
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

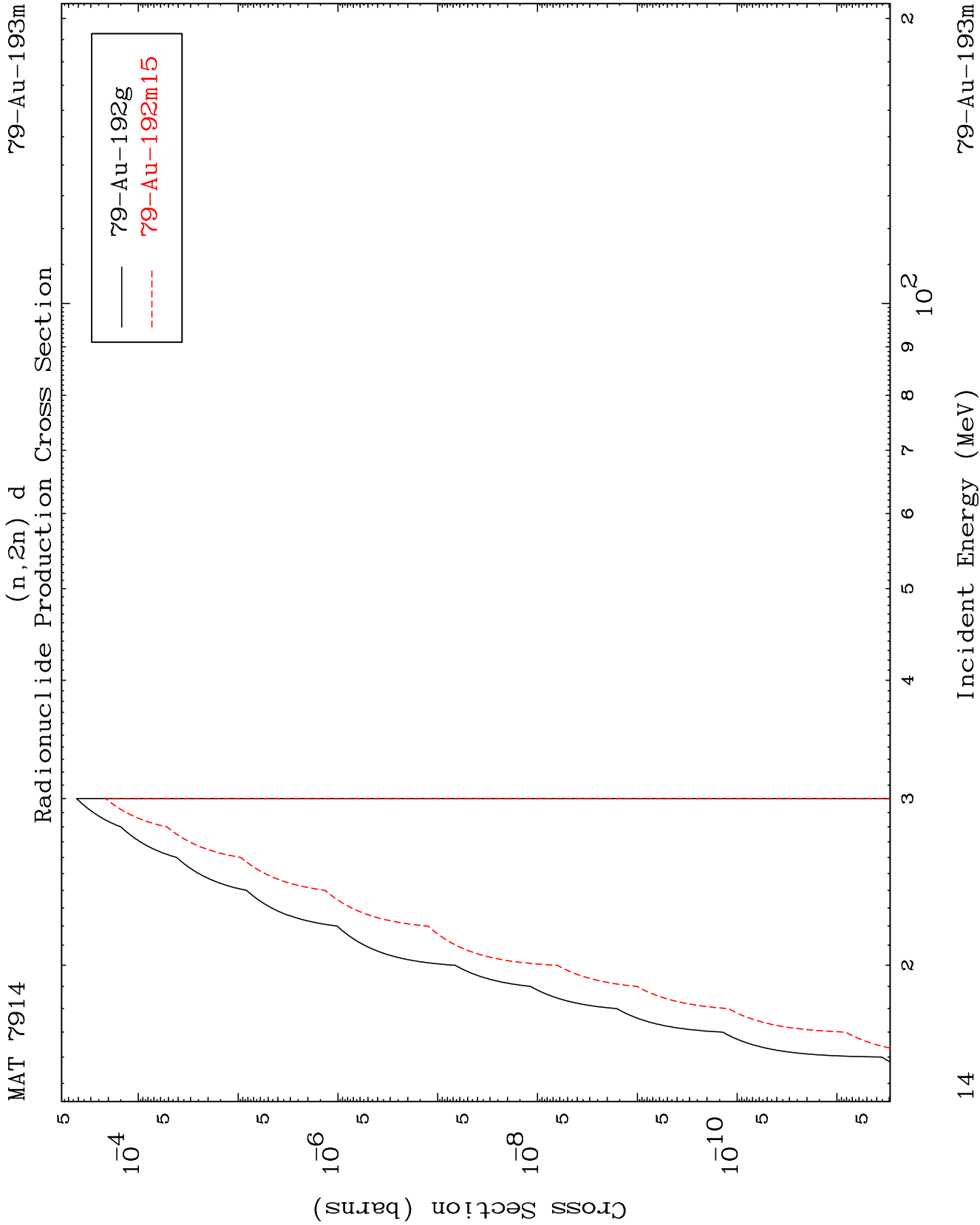
79-Au-193m

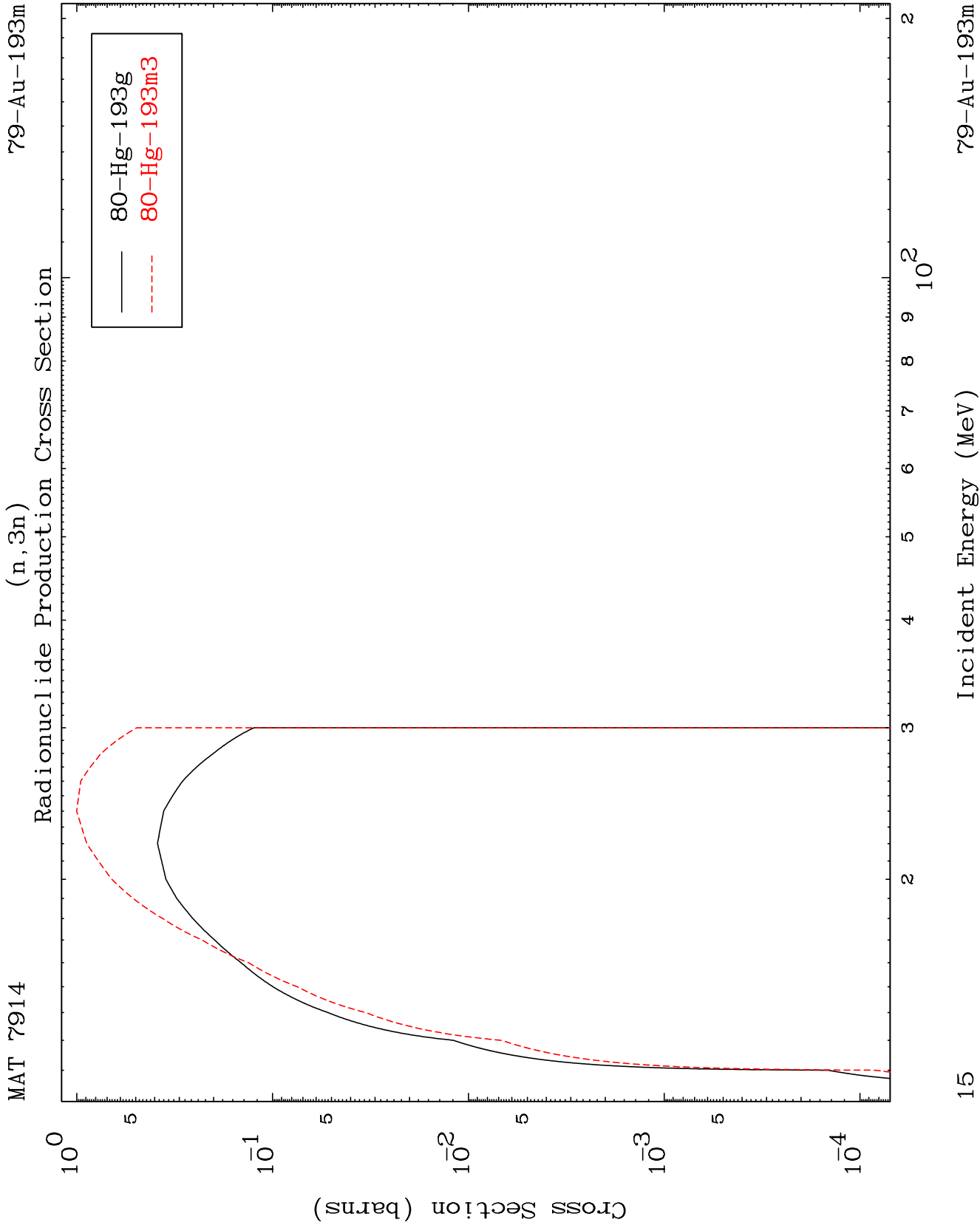
Inelastic
Radionuclide Production Cross Section

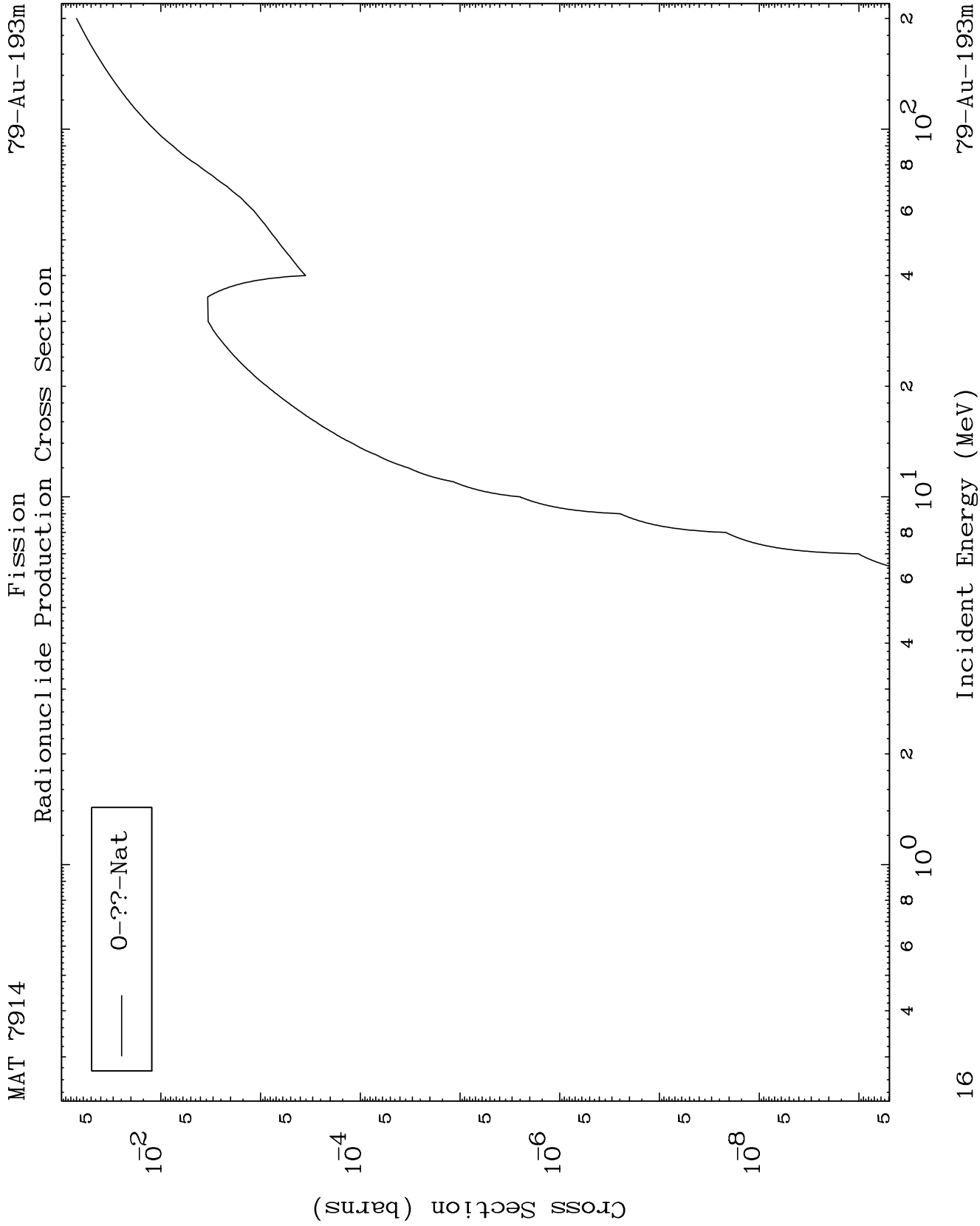


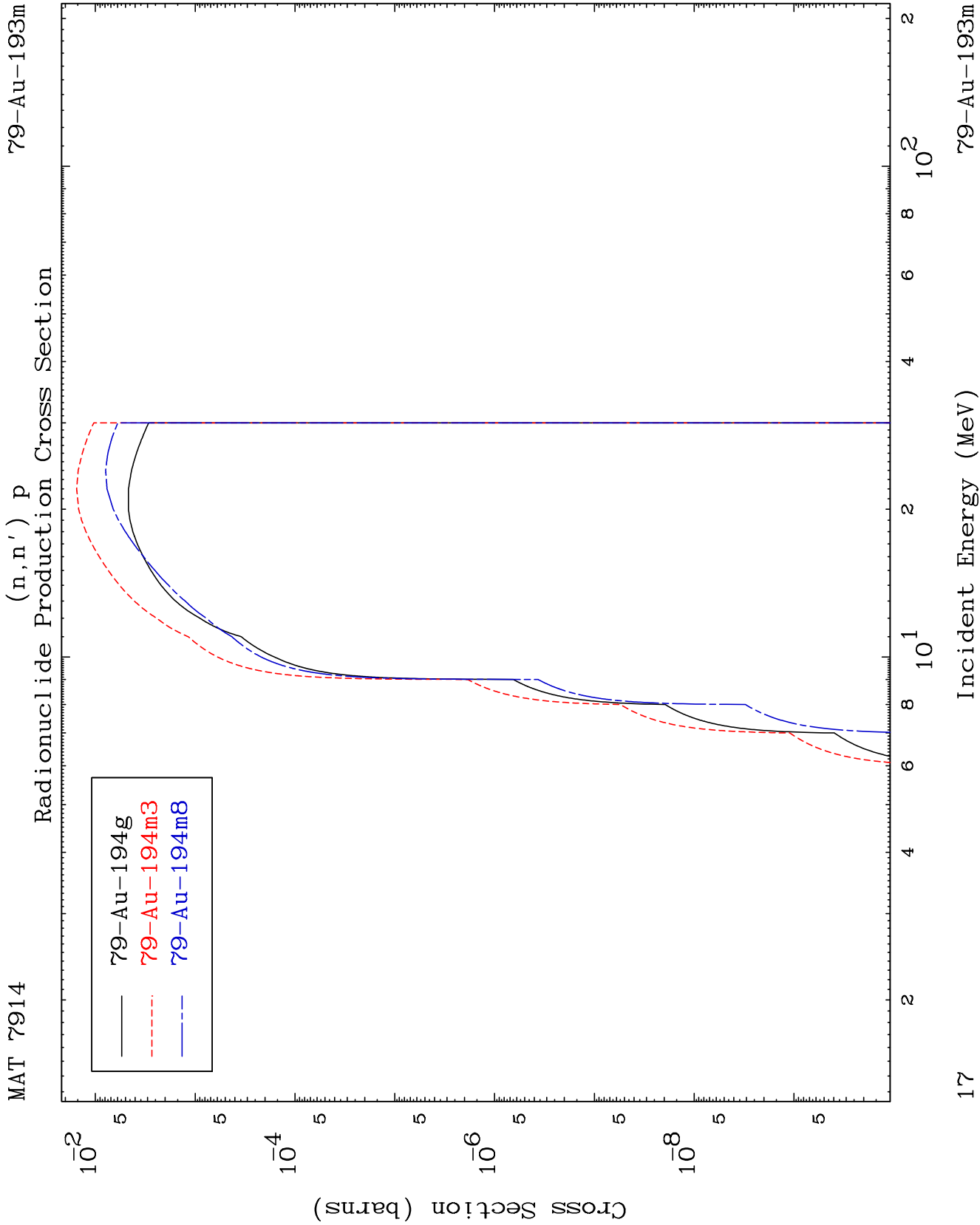
13

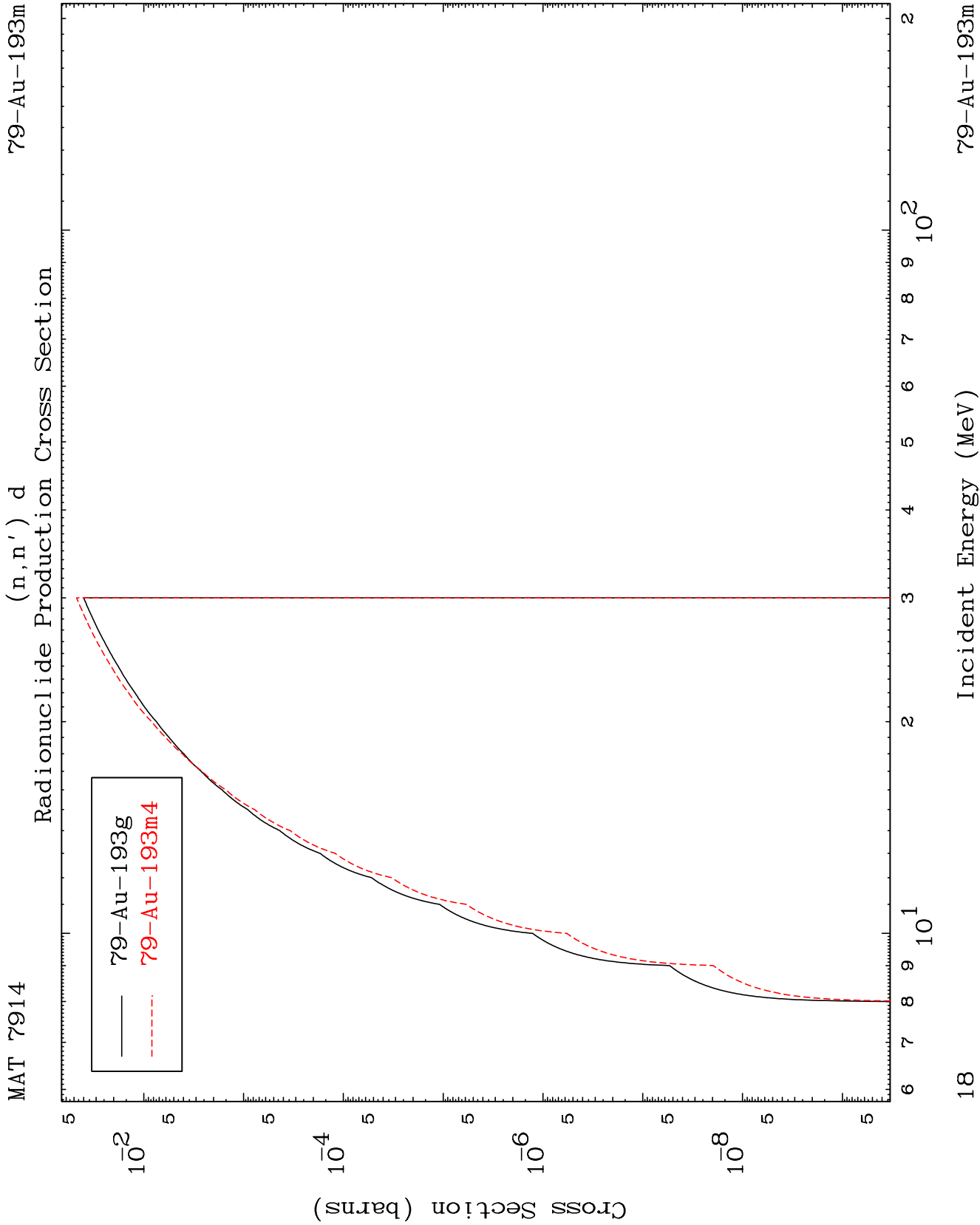
79-Au-193m

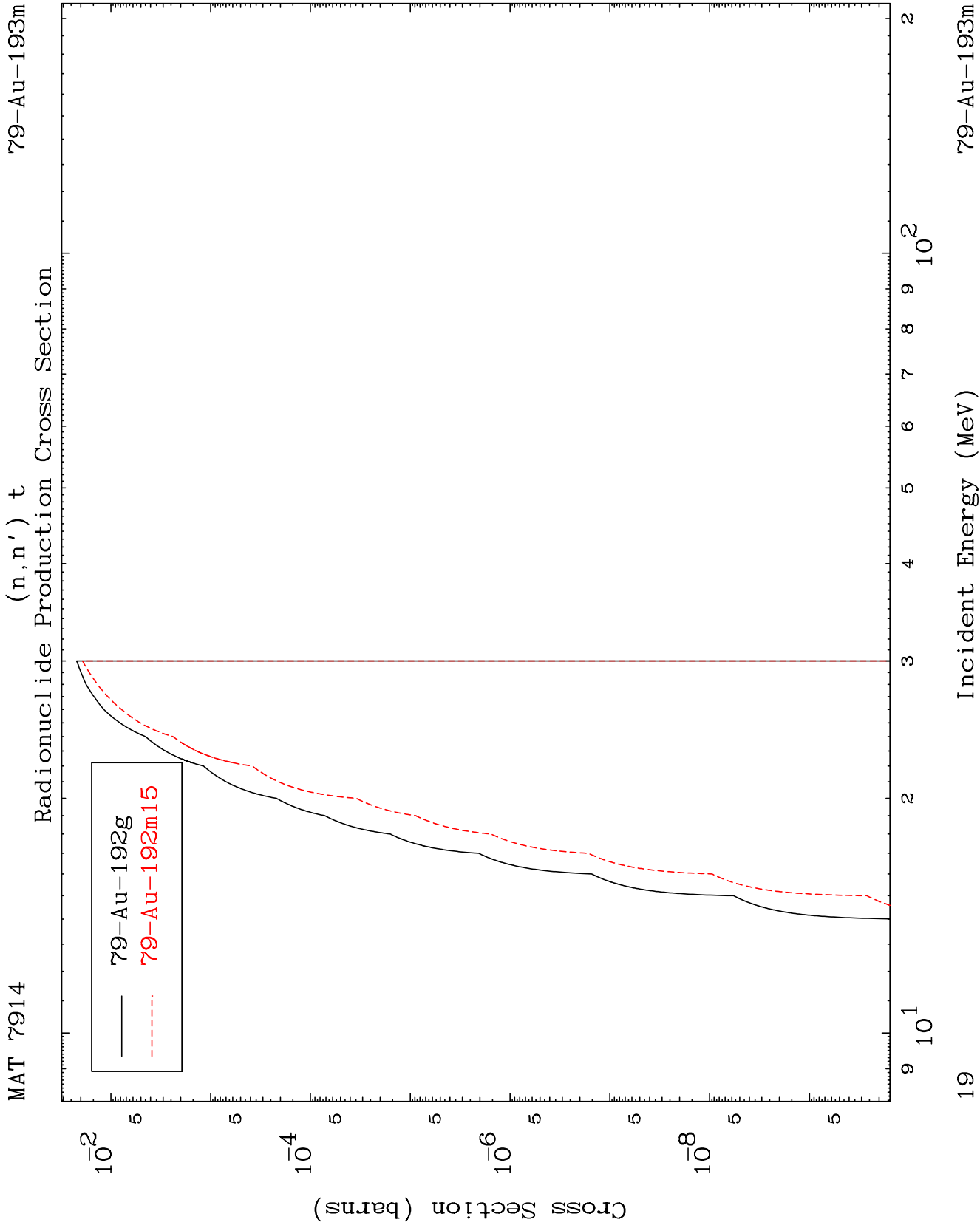








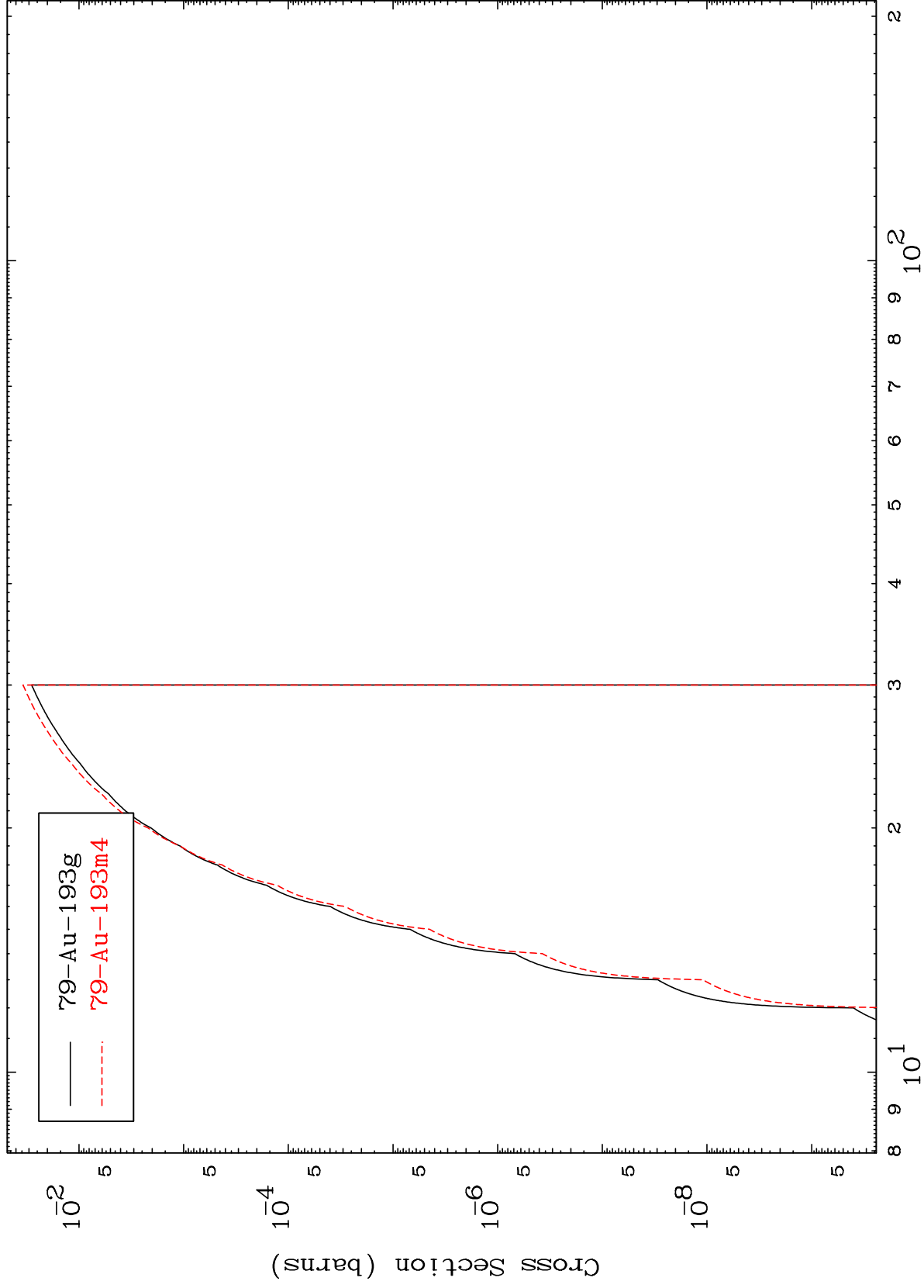




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$^{79}\text{Au-193m}$

Radionuclide Production Cross Section



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

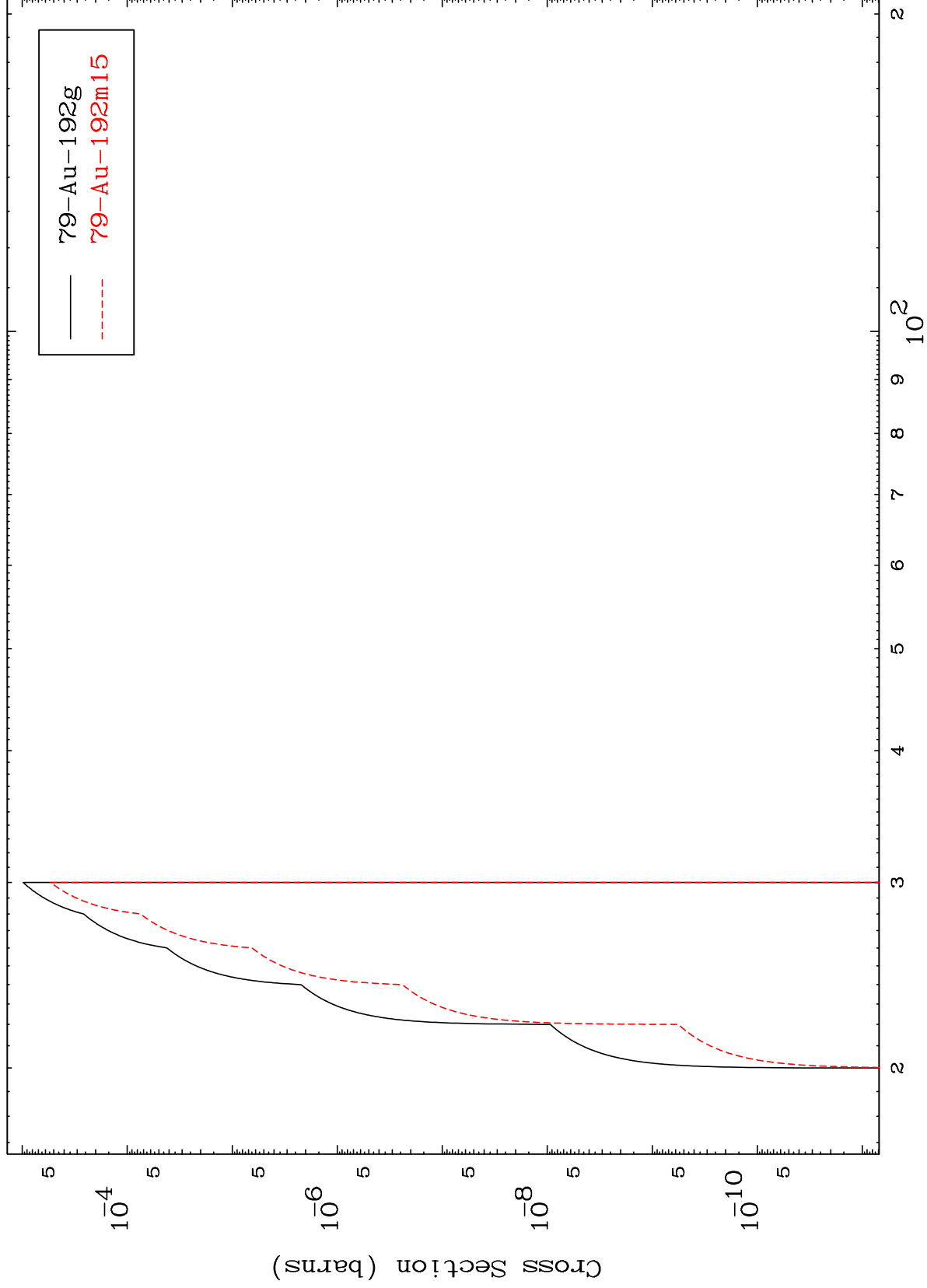
Incident Energy (MeV)

20

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

$(n,3n)$ p
Radionuclide Production Cross Section



21

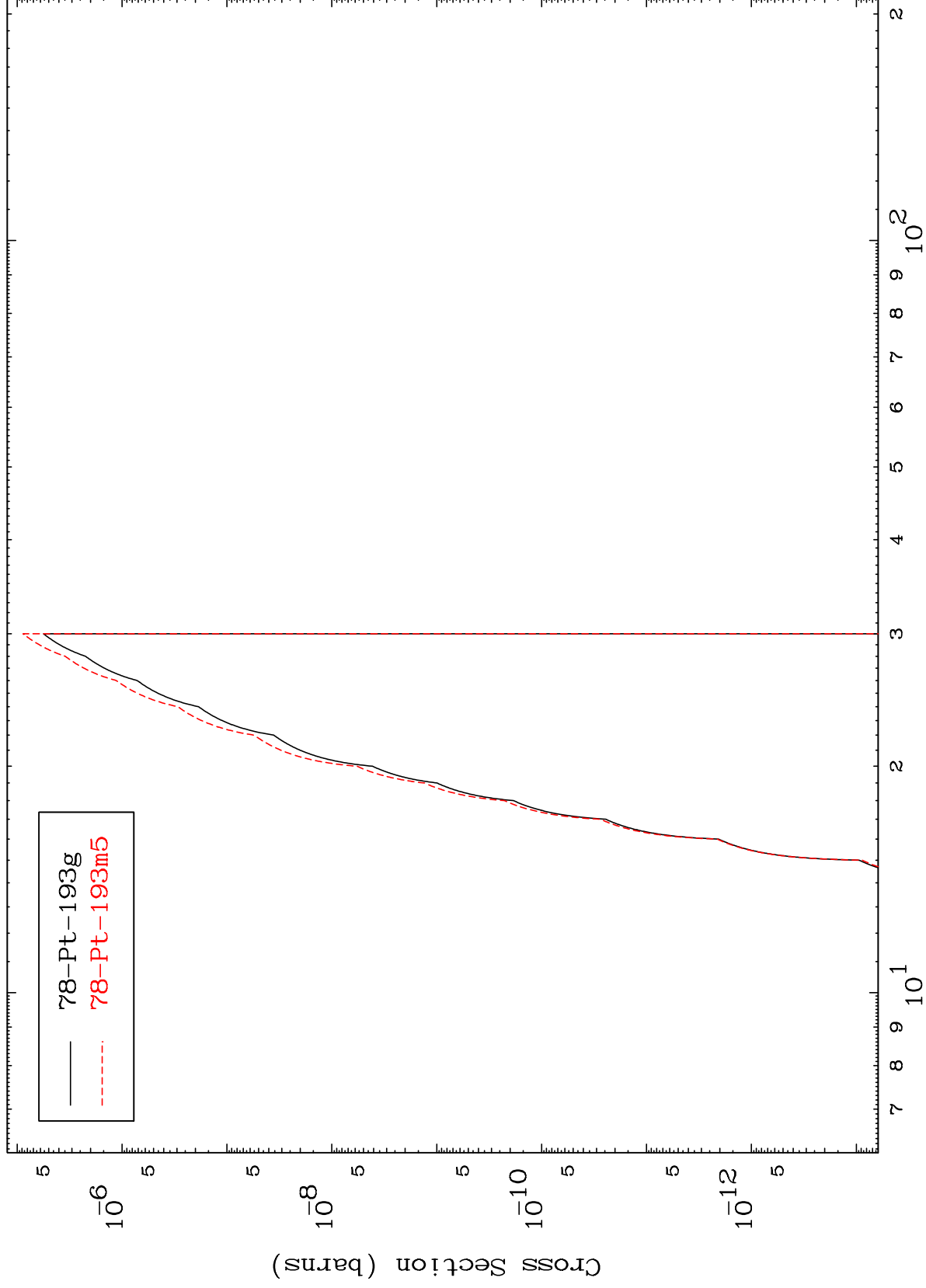
Incident Energy (MeV)

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

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⁷⁹Au-193m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

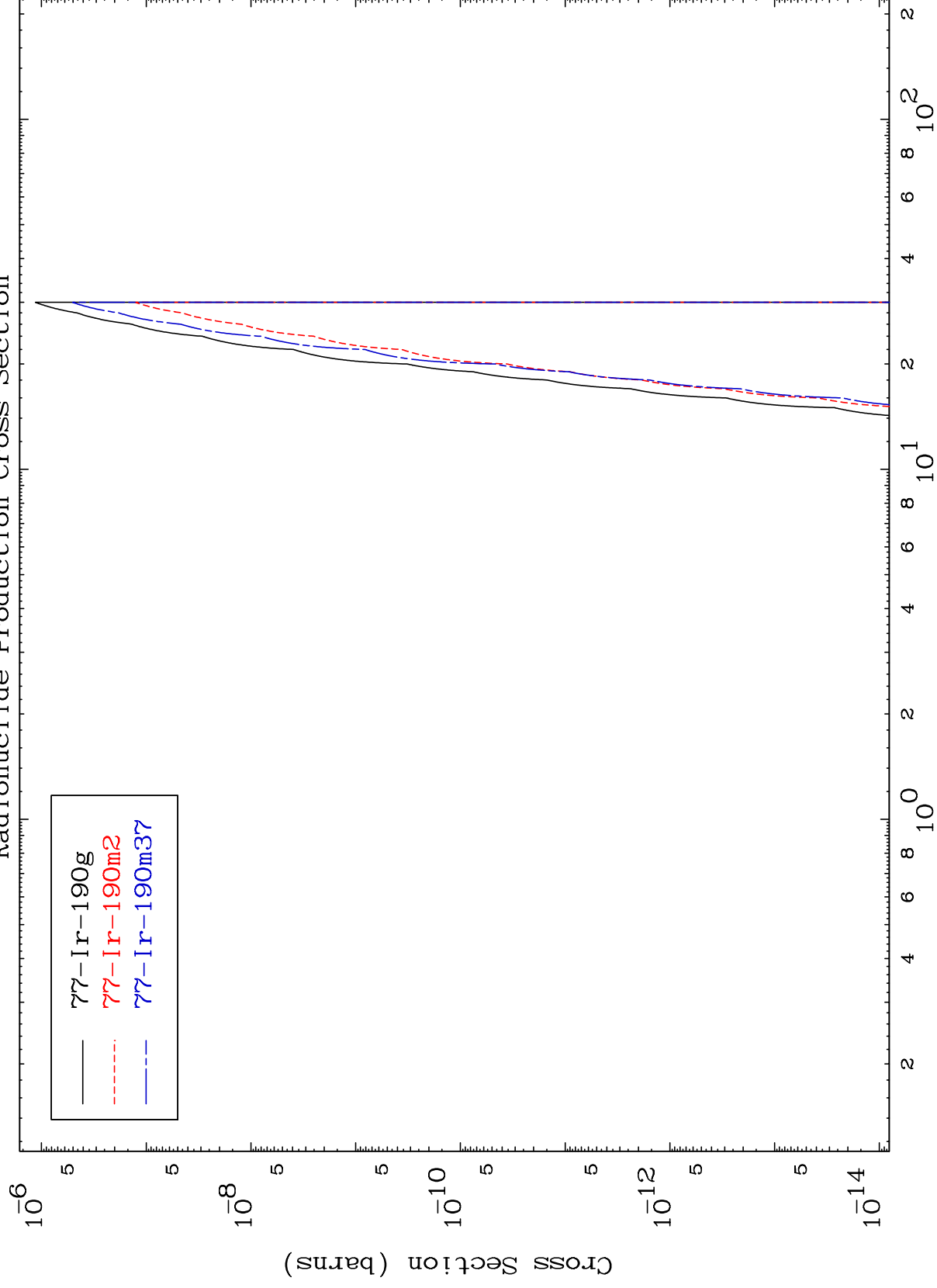
⁷⁹Au-193m

MAT 7914

(n,n') p α

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

Radionuclide Production Cross Section



23

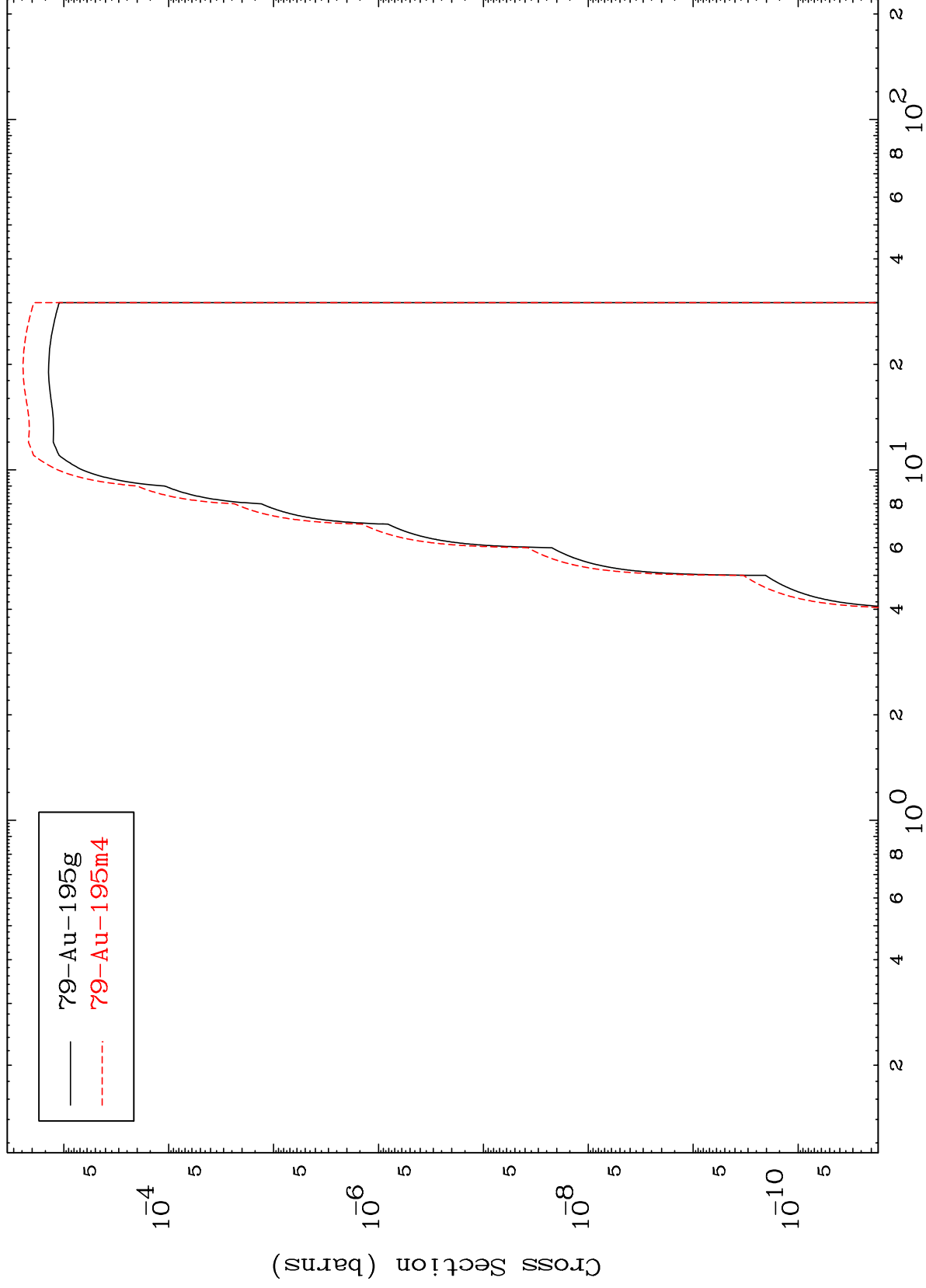
Incident Energy (MeV)

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

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⁷⁹Au-193m

Radionuclide Production Cross Section

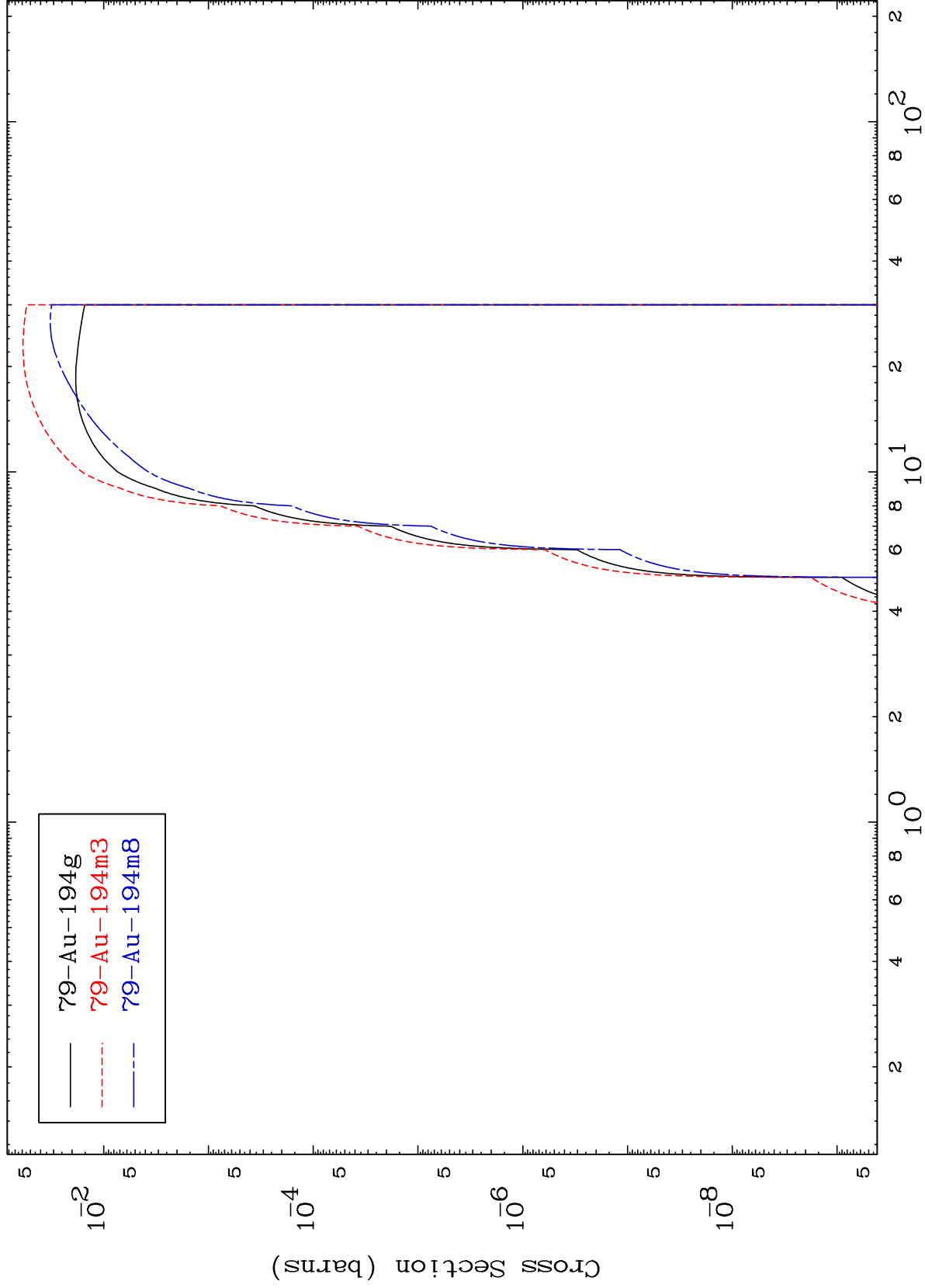


24

Incident Energy (MeV)

⁷⁹Au-193m

(n,d)
Radionuclide Production Cross Section

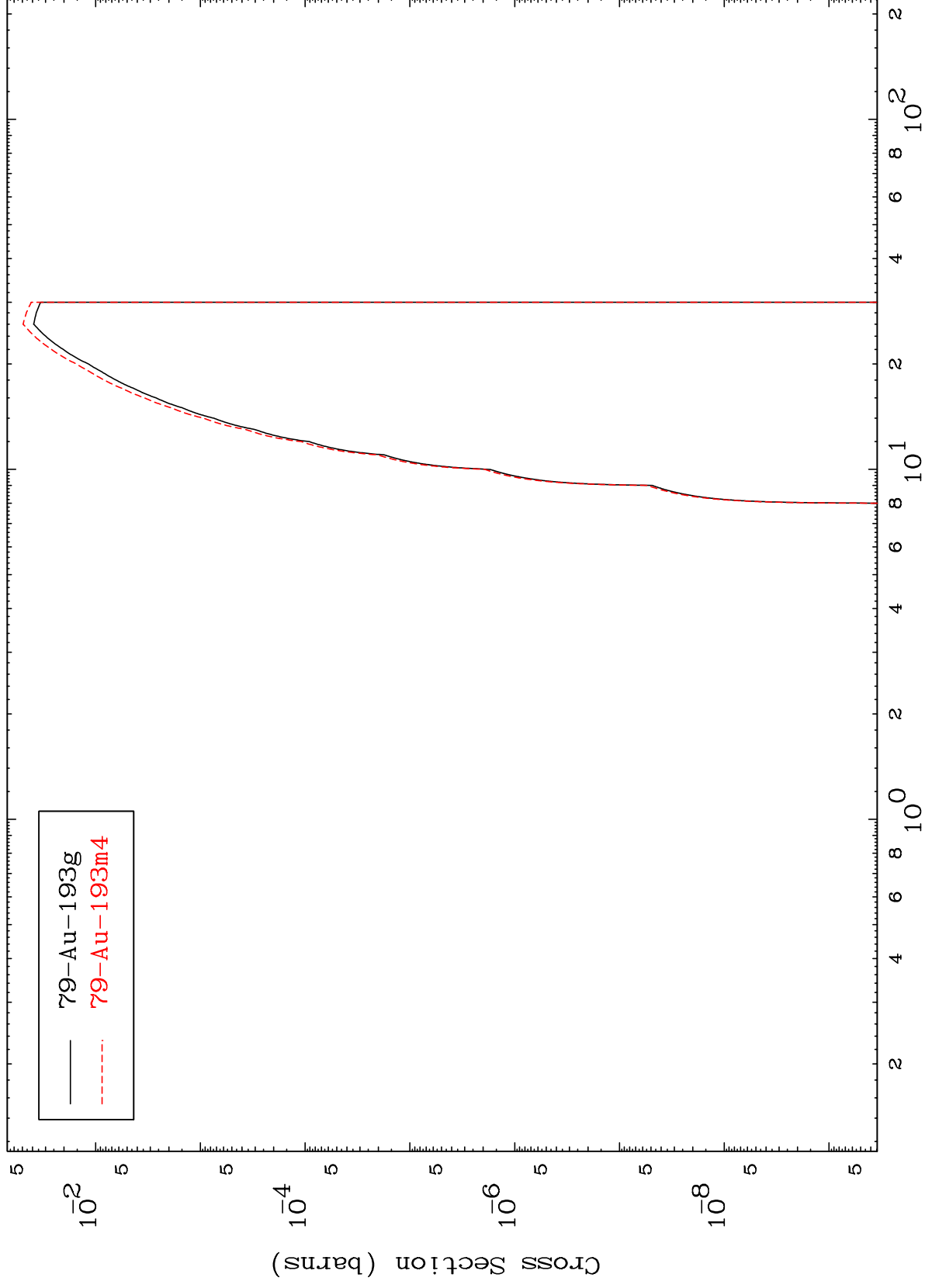


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(n,t)

⁷⁹Au-¹⁹³m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

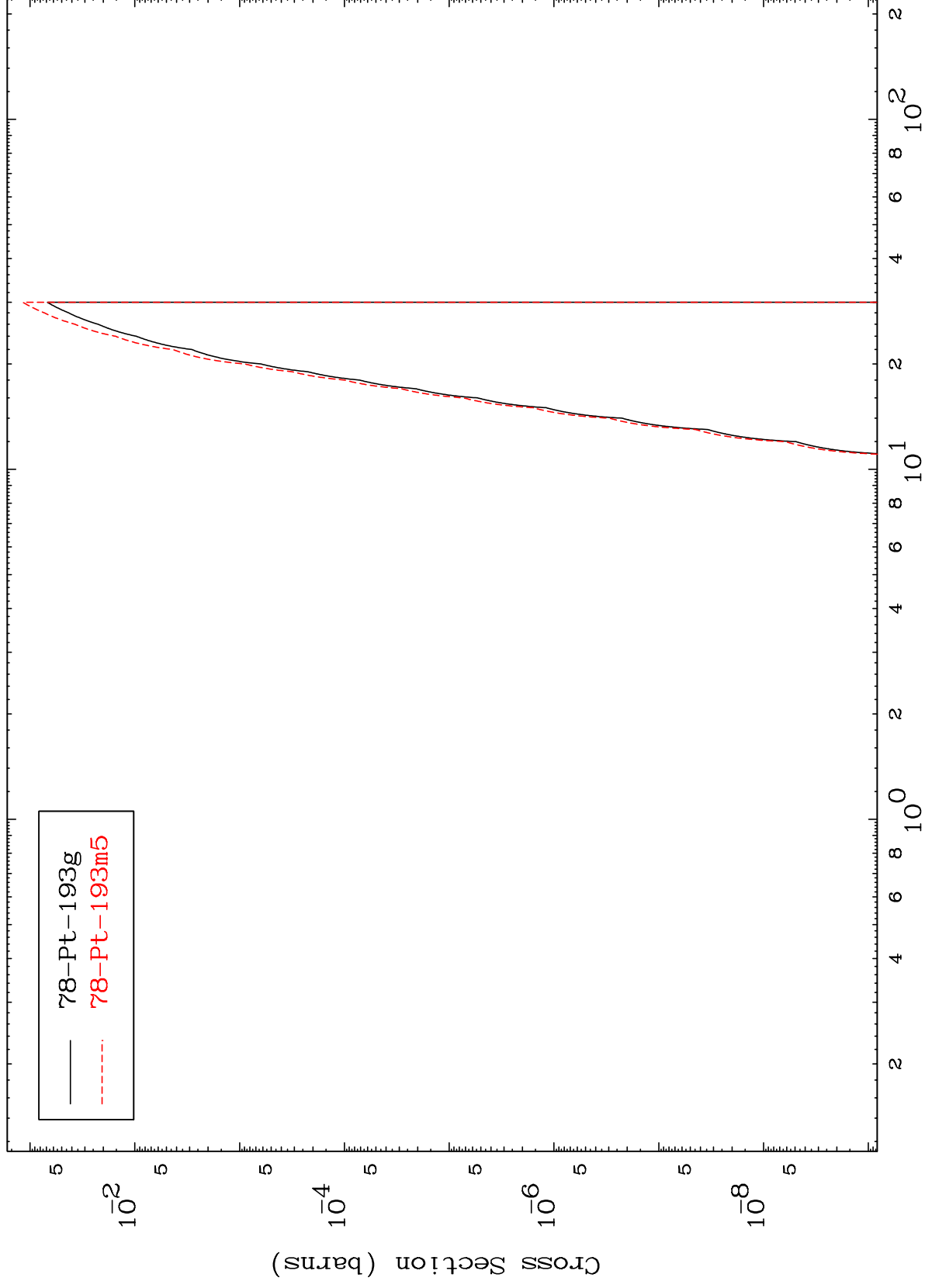
⁷⁹Au-¹⁹³m

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(n,He-3)

79-Au-193m

Radionuclide Production Cross Section

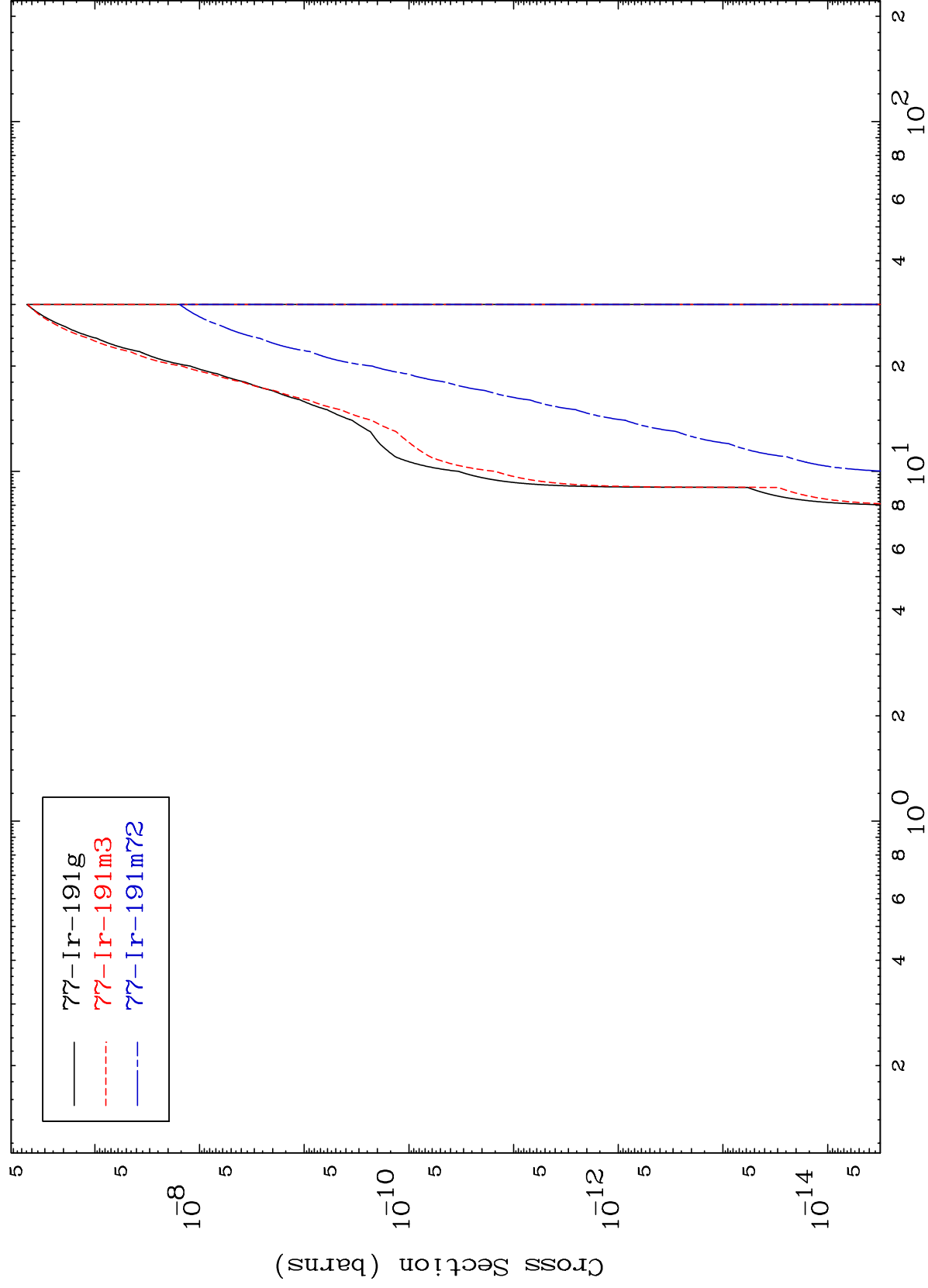


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Incident Energy (MeV)

79-Au-193m

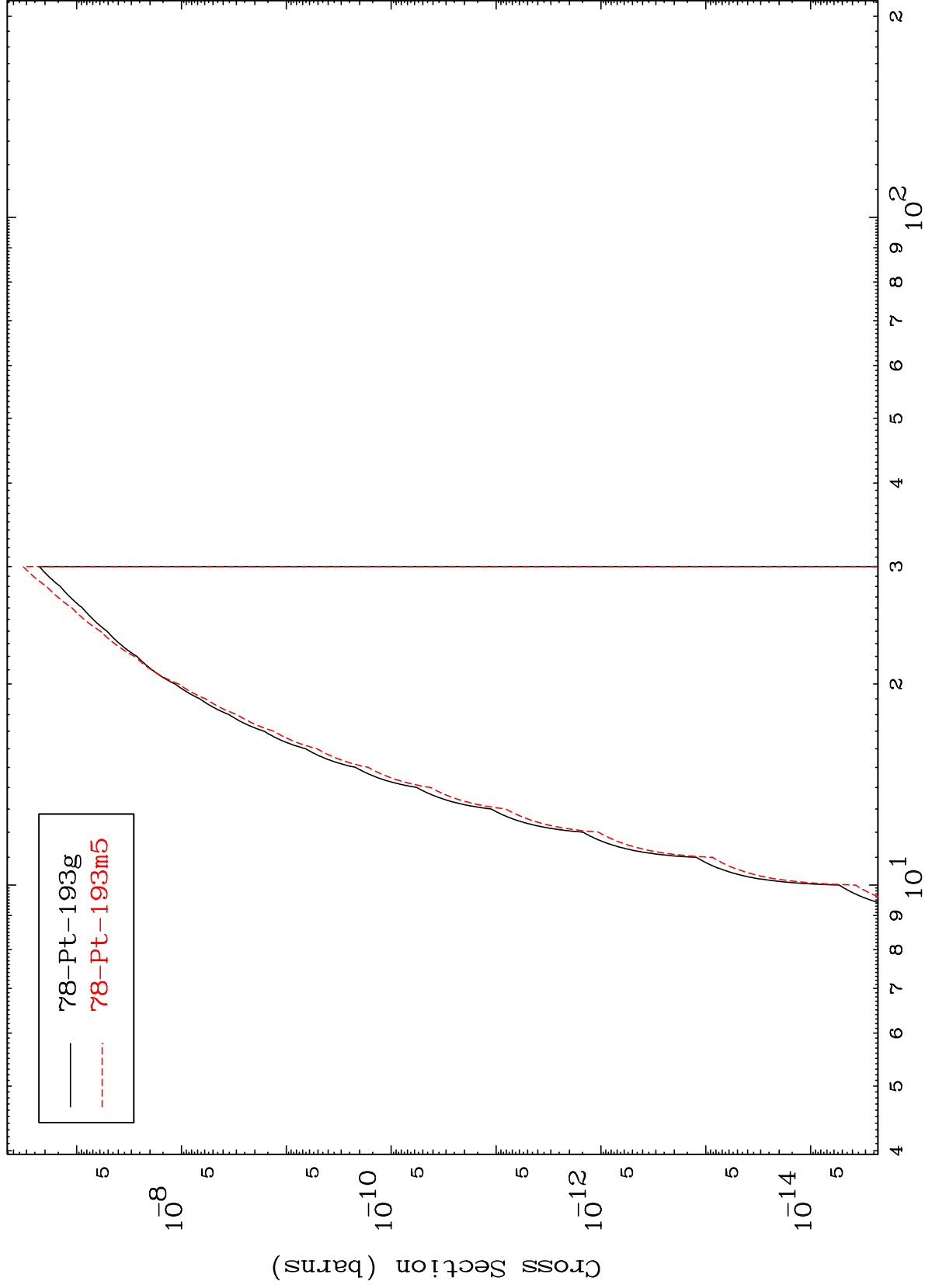
Radionuclide Production Cross Section (n,p) α



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

(n,p) d
Radionuclide Production Cross Section



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Incident Energy (MeV)

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

