

Program EVALPLOT
(Version 2021-1)

by

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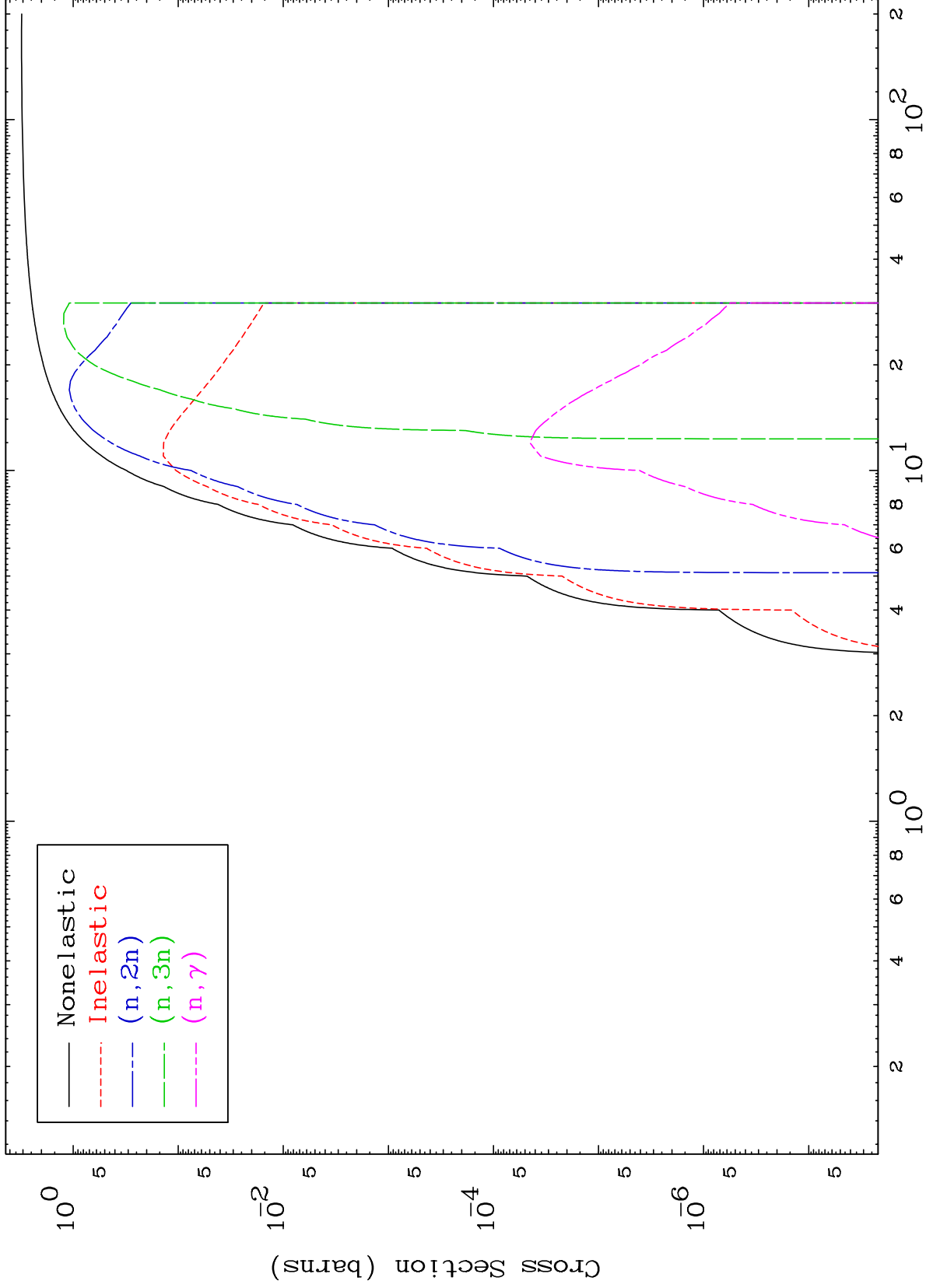
Press Mouse Button to Start

MAT 7914

Deuteron Major

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

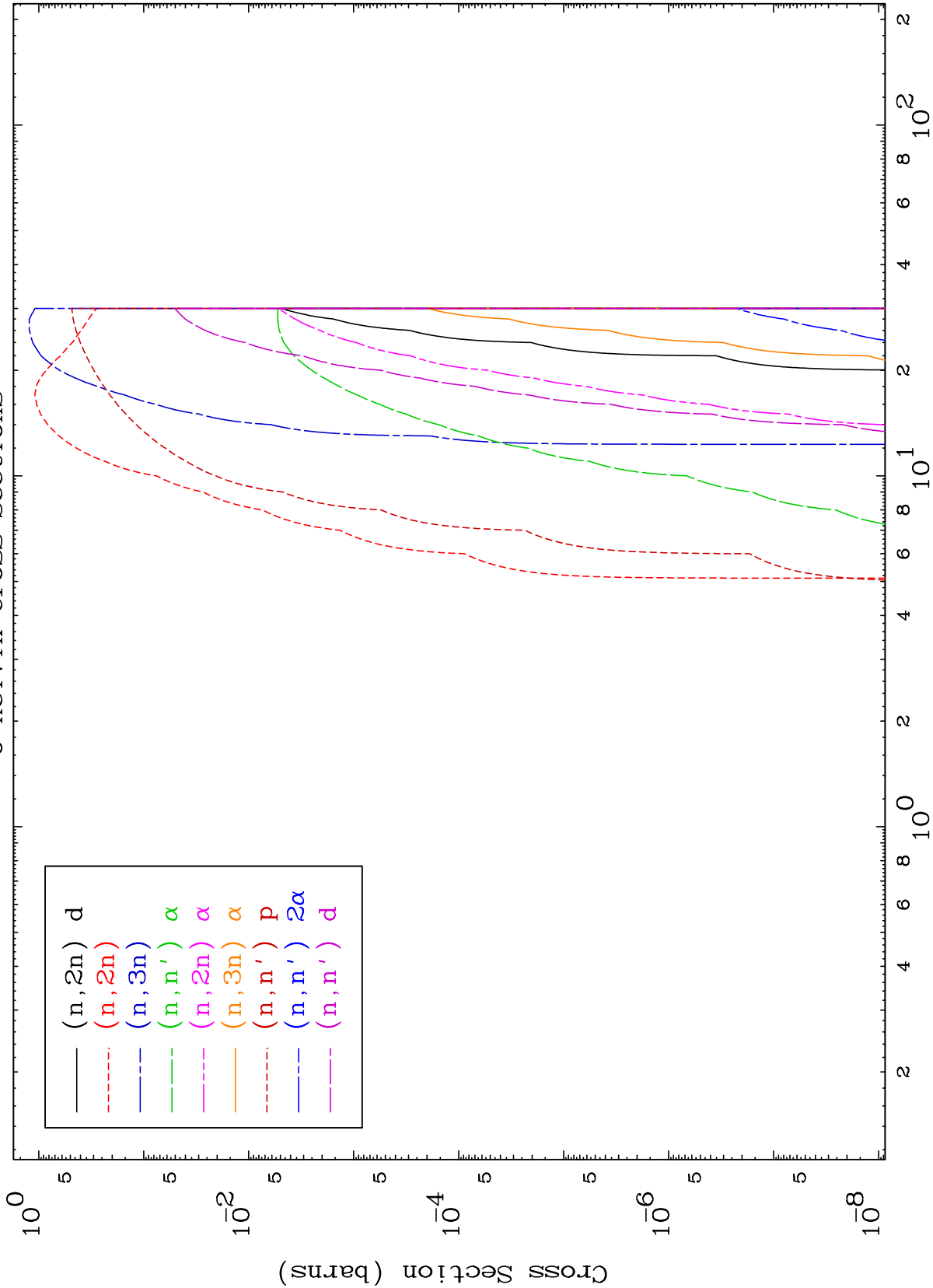
0 Kelvin Cross Sections

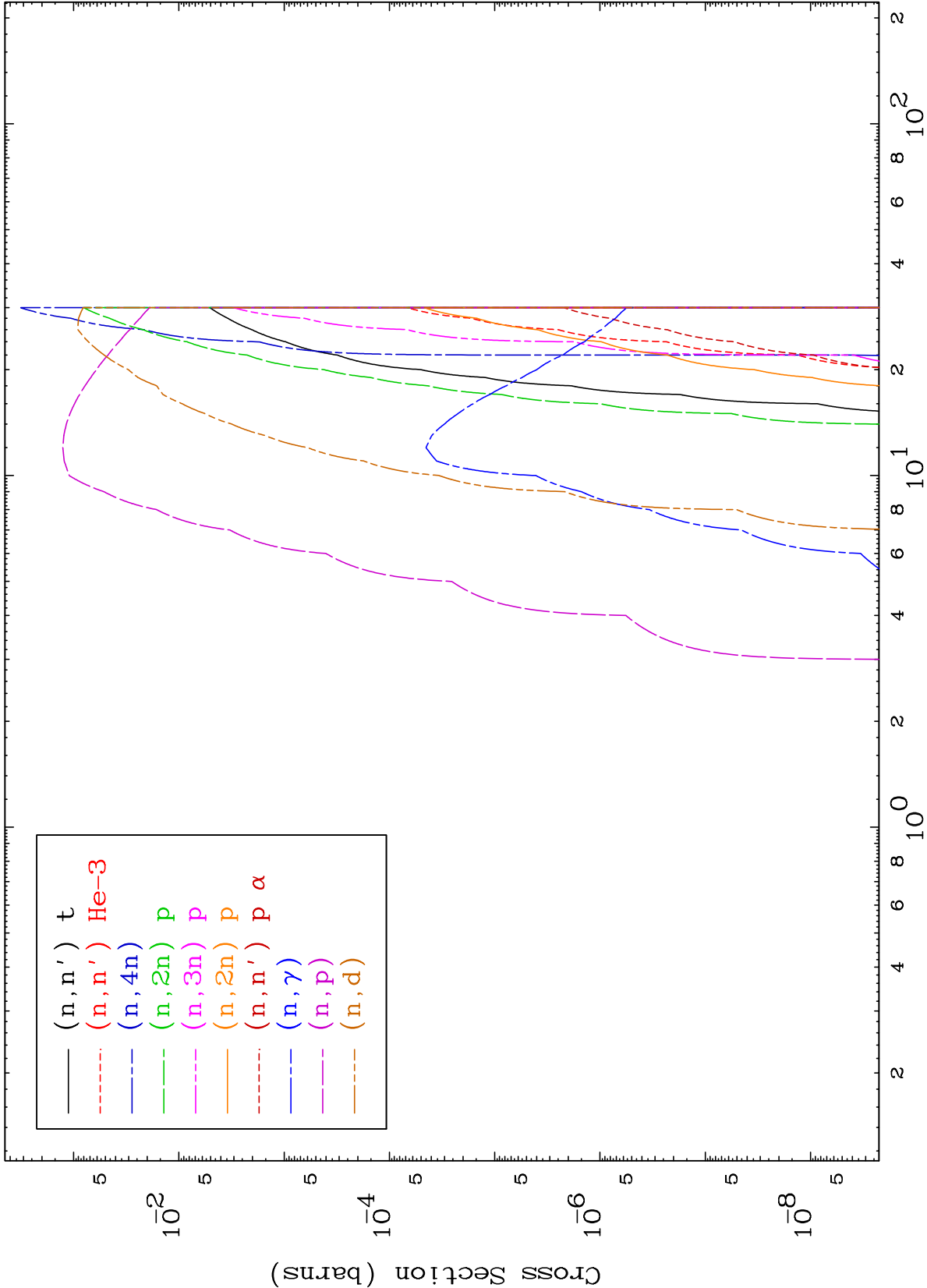


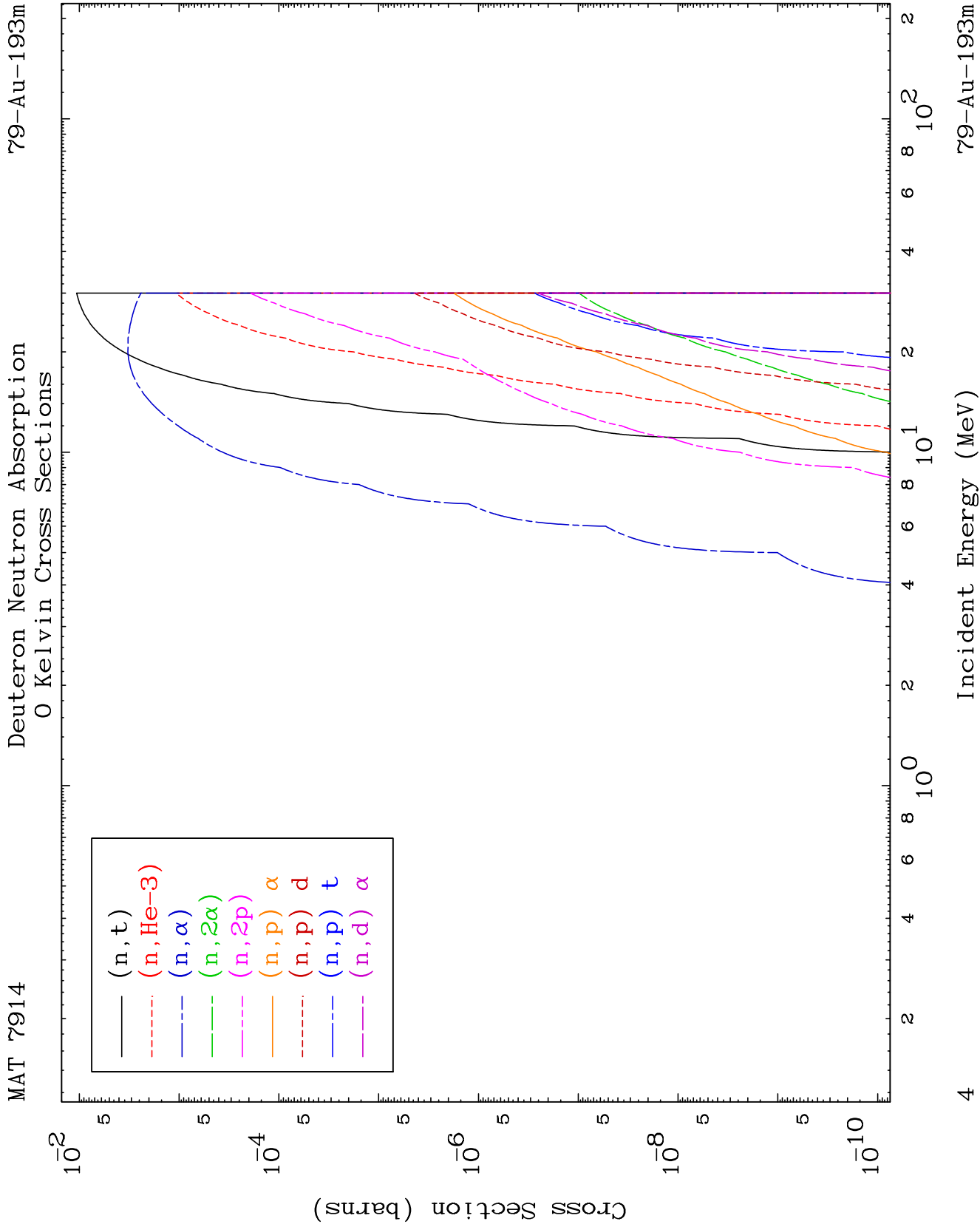
1

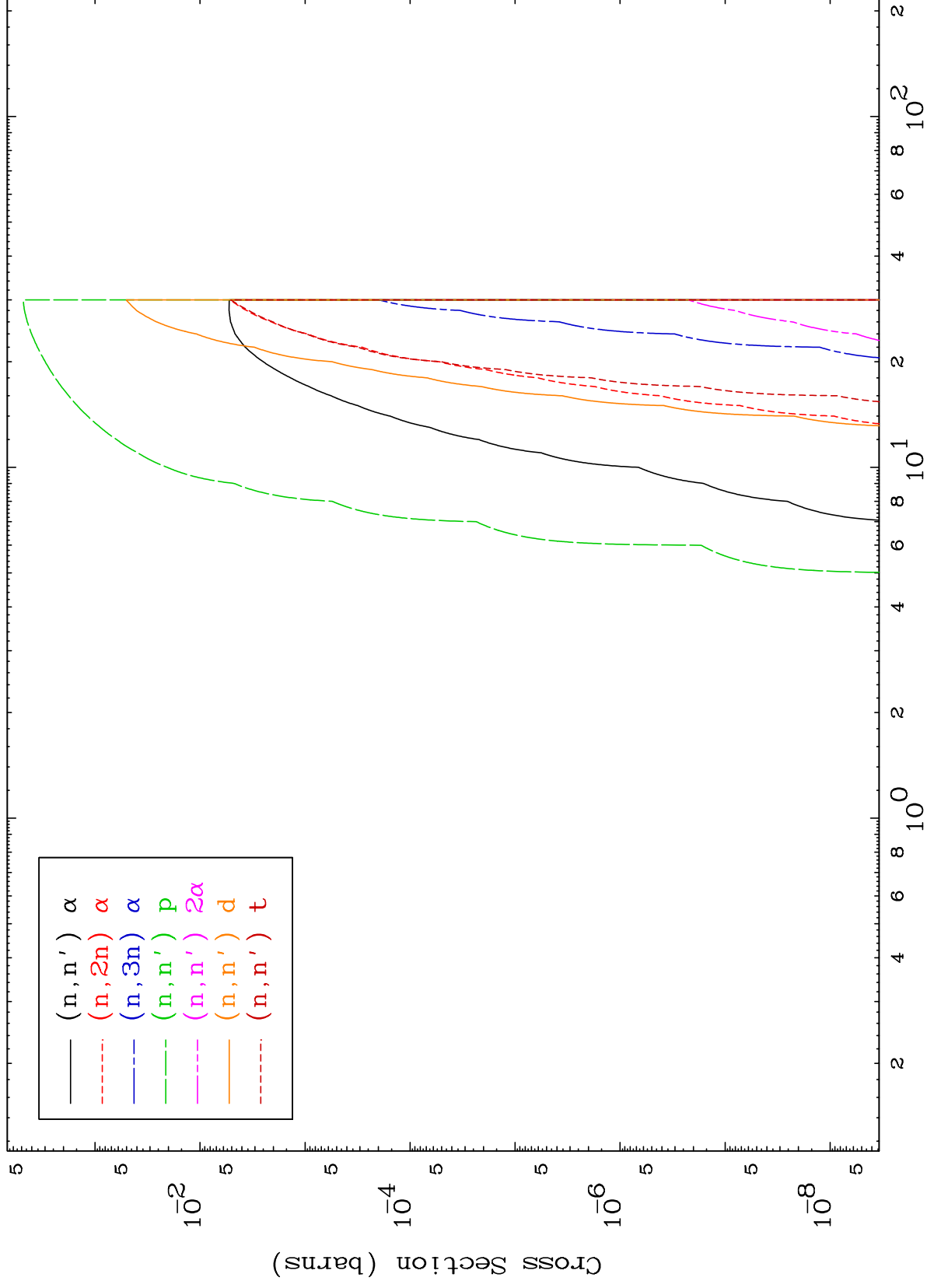
Incident Energy (MeV)

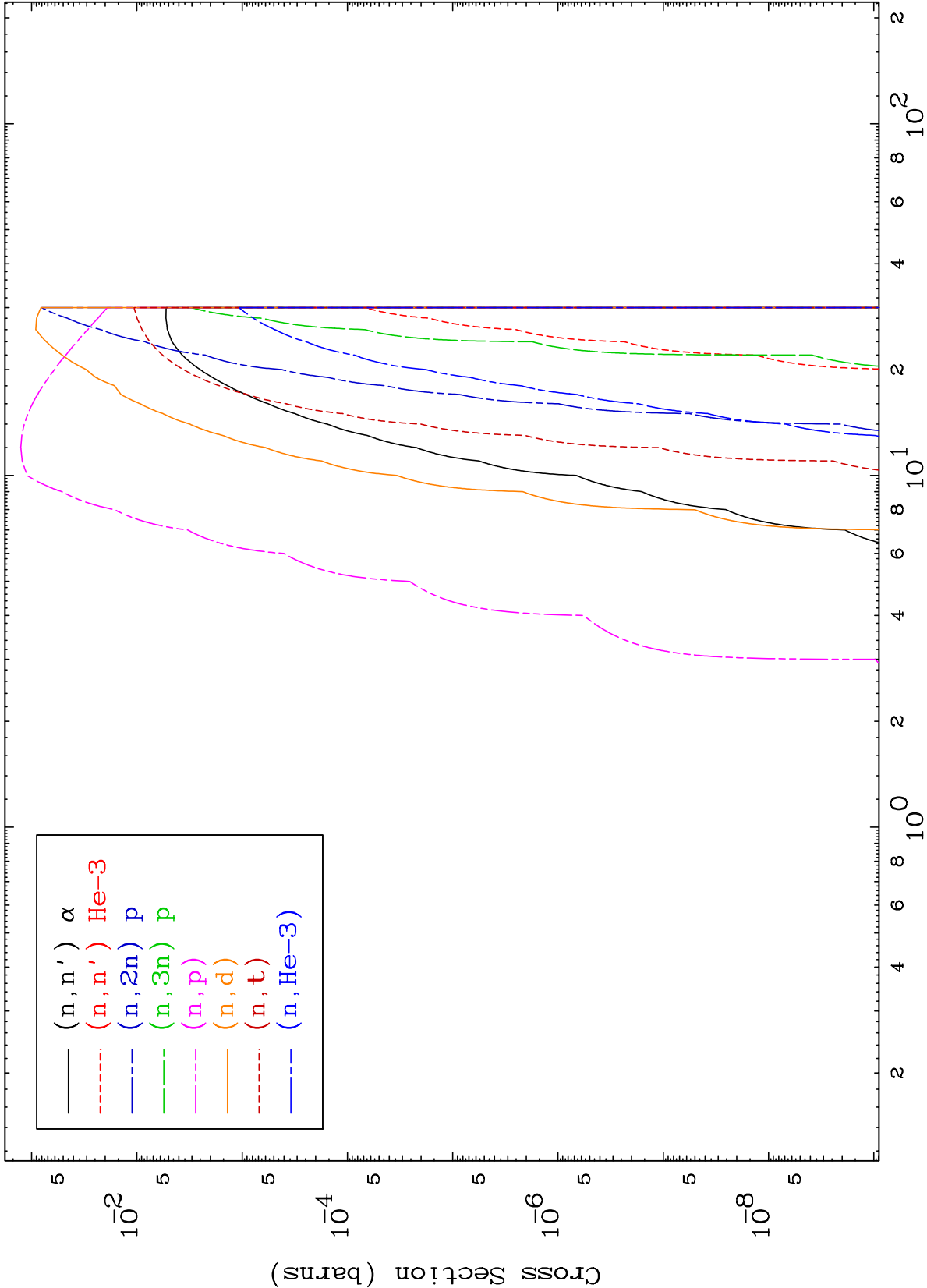
$^{79}\text{Au-193m}$

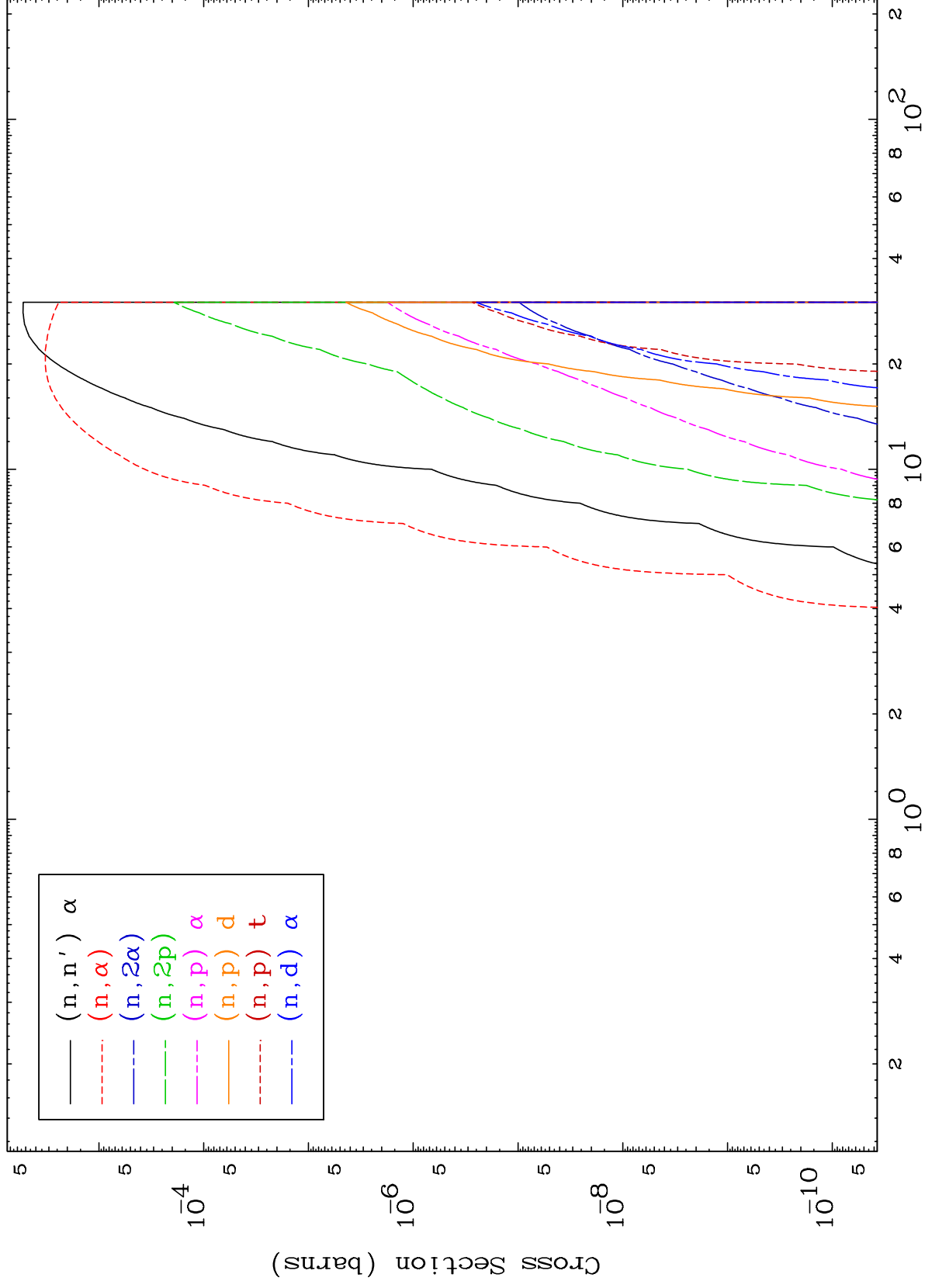










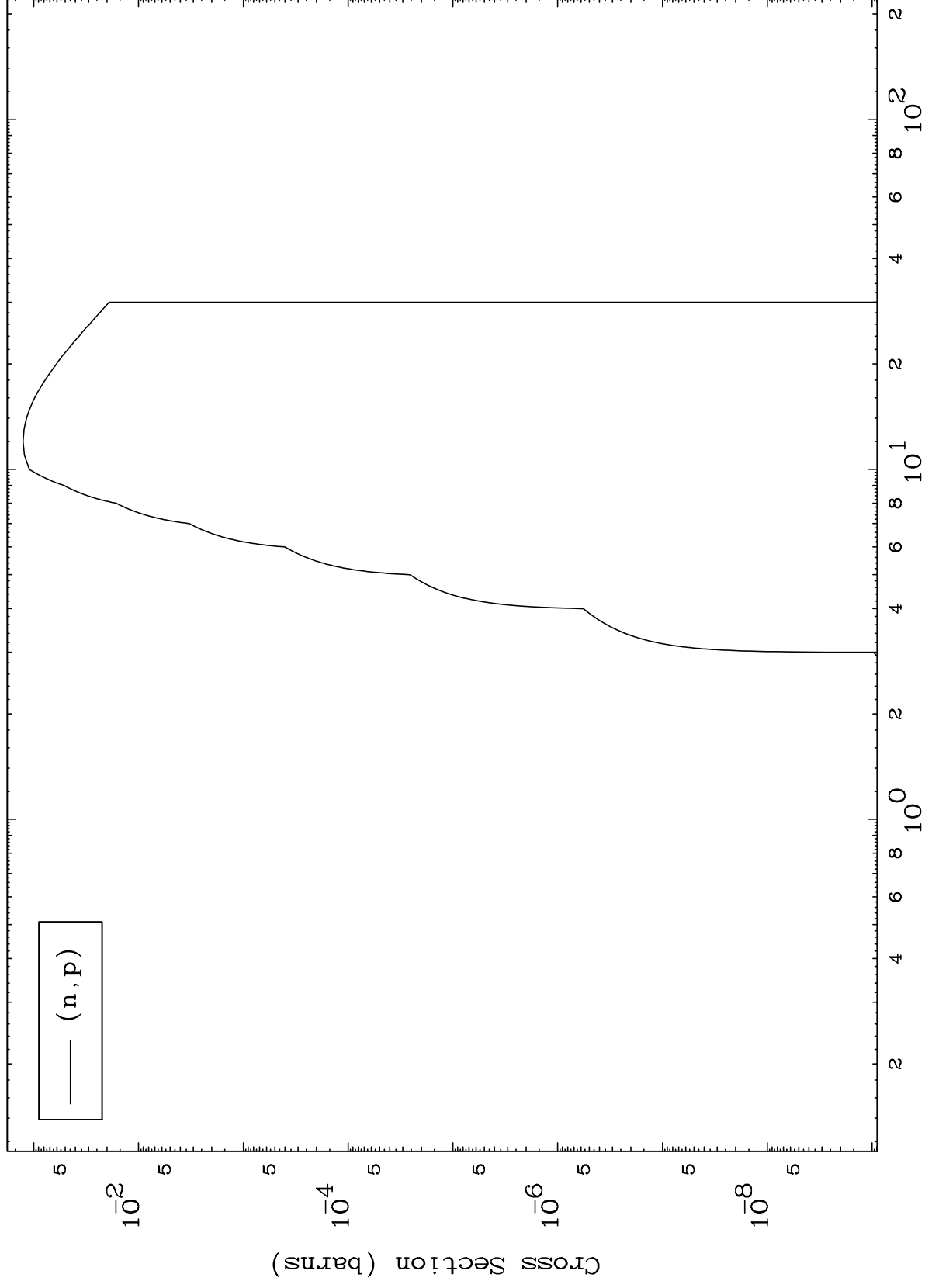


MAT 7914

(d,p) Levels

⁷⁹Au-193m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

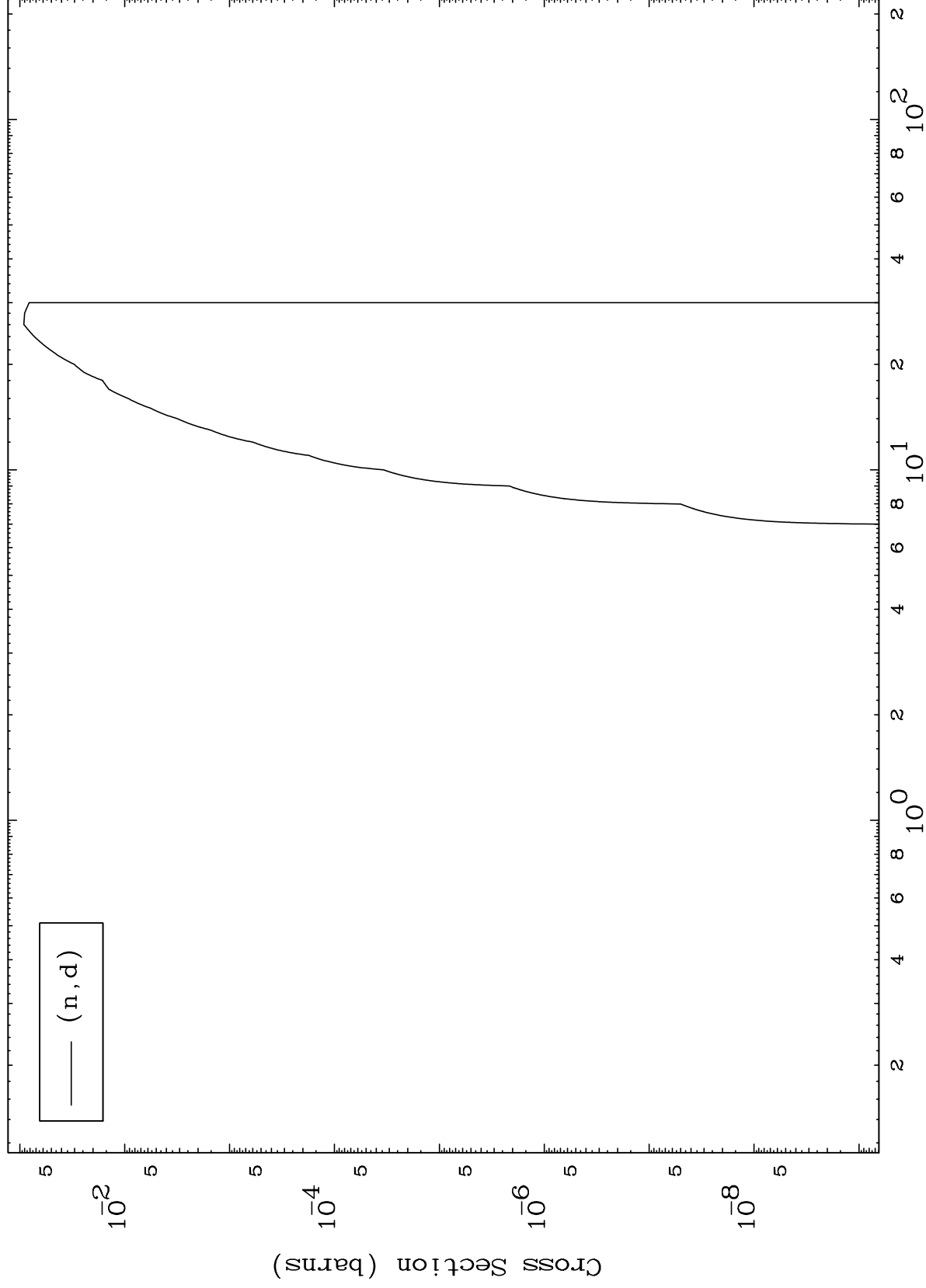
⁷⁹Au-193m

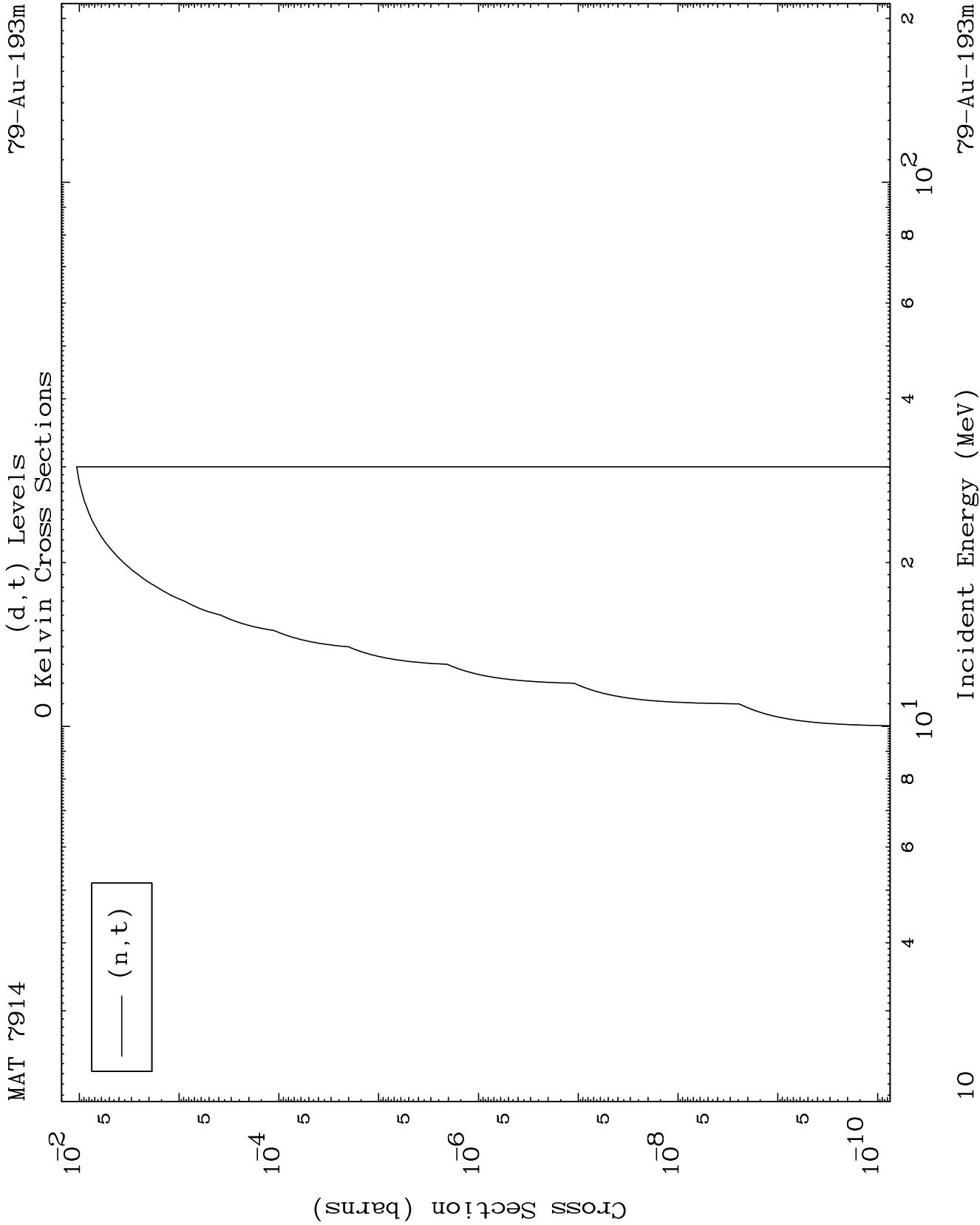
MAT 7914

(d,d) Levels

79-Au-193m

0 Kelvin Cross Sections



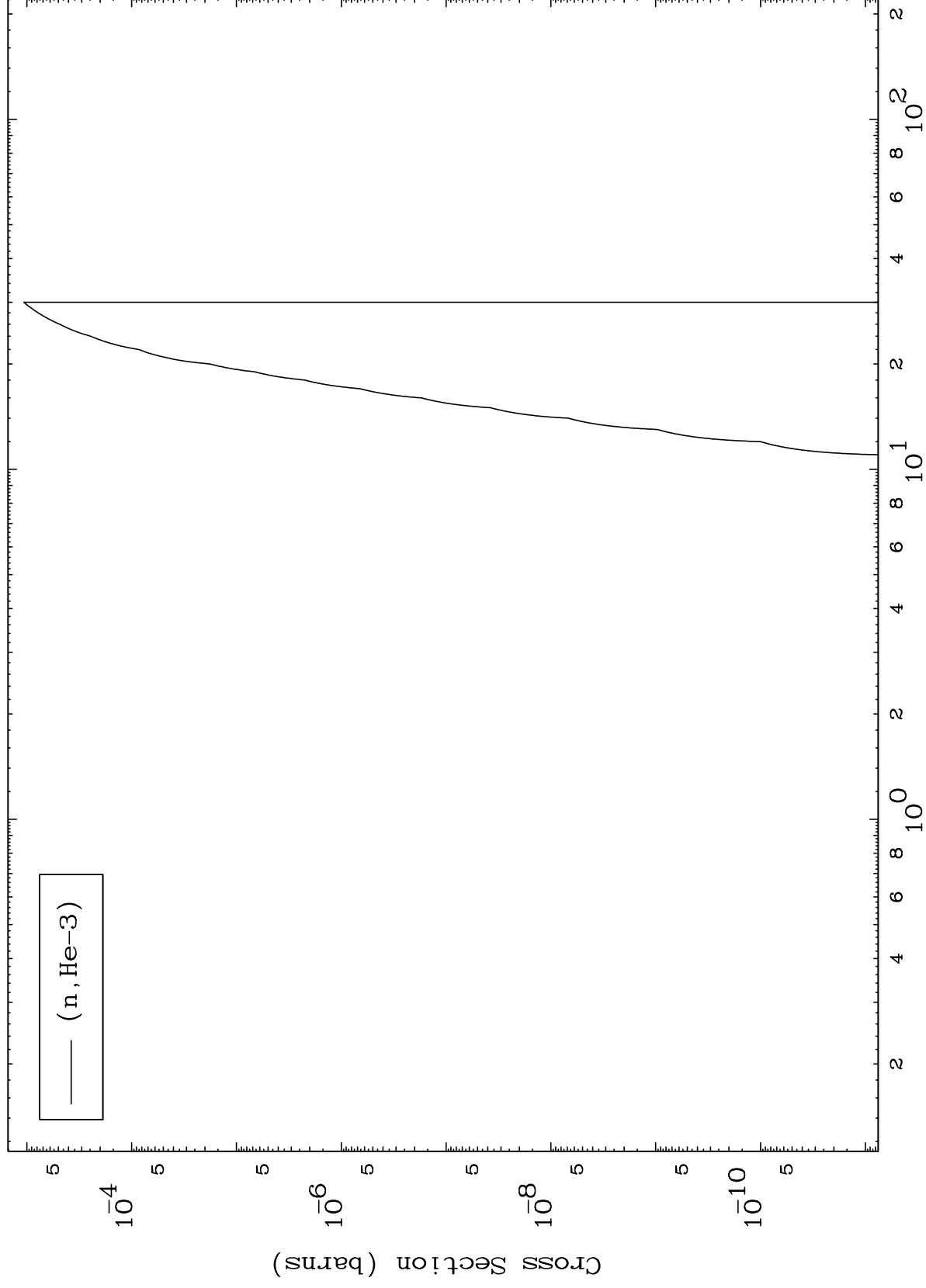


MAT 7914

(d,He3) Levels

79-Au-193m

0 Kelvin Cross Sections



11

Incident Energy (MeV)

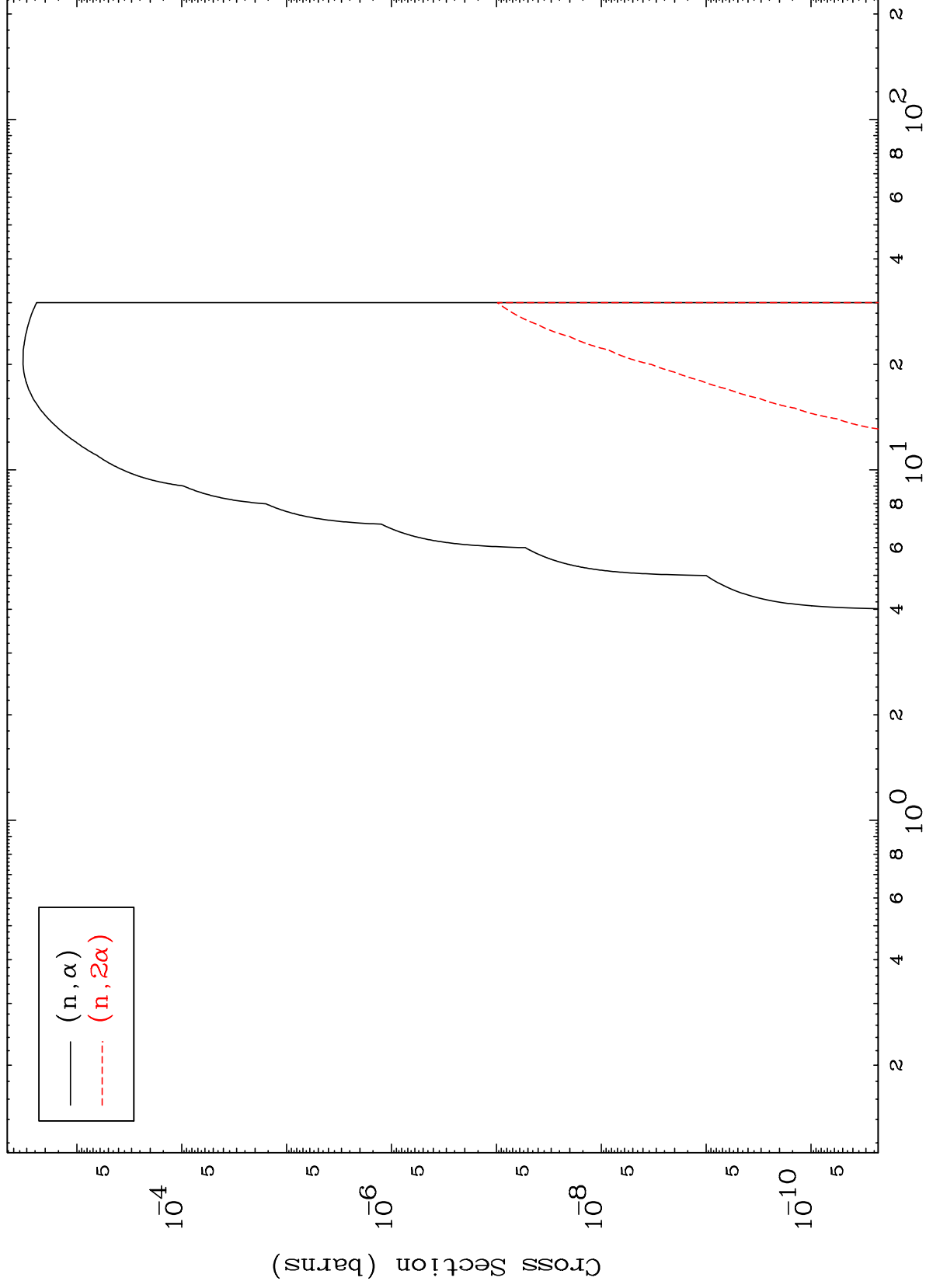
79-Au-193m

MAT 7914

(d, α) Levels

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

0 Kelvin Cross Sections



12

Incident Energy (MeV)

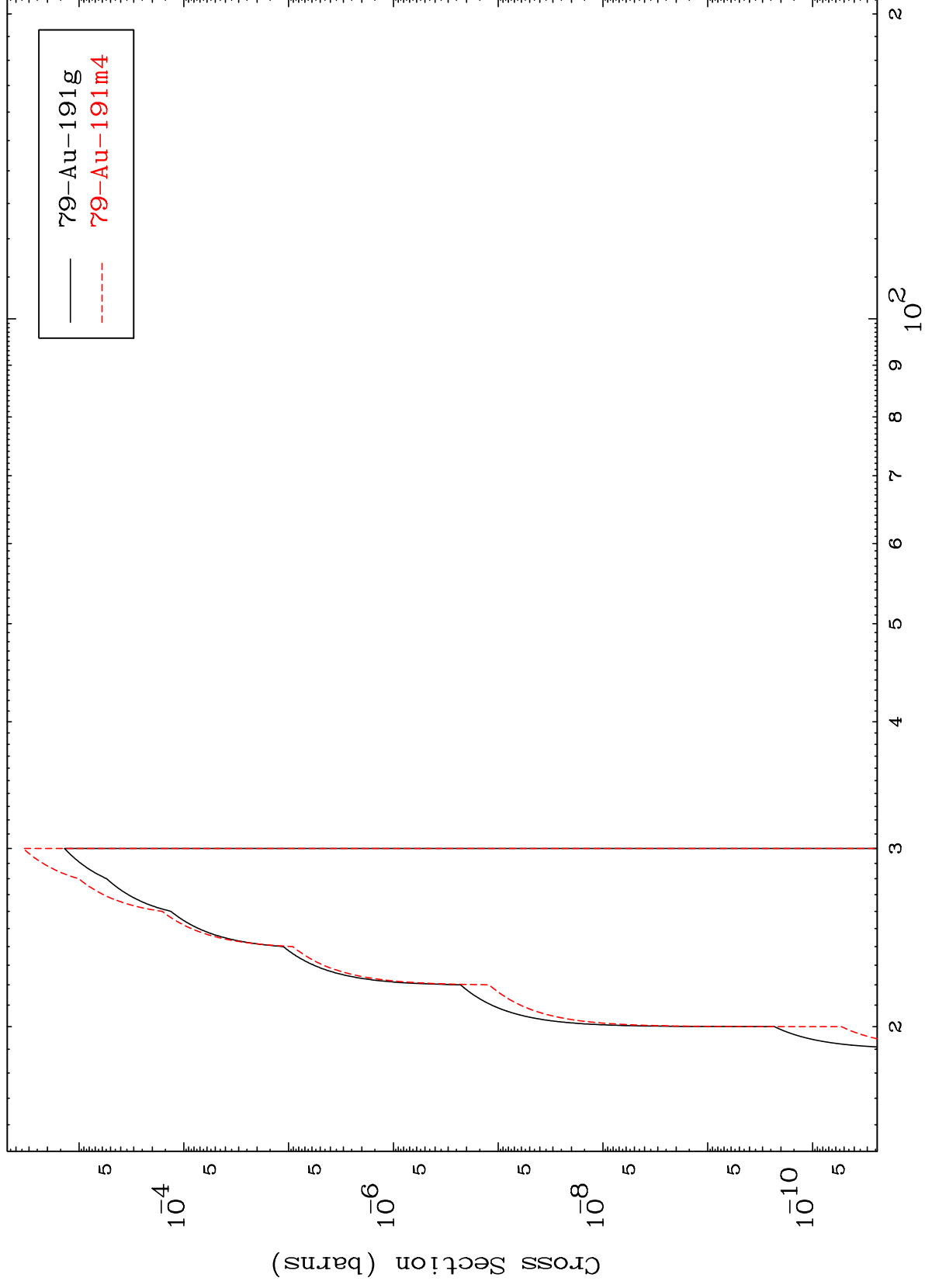
$^{79}\text{Au}-193\text{m}$

MAT 7914

(n,2n) d

⁷⁹Au-¹⁹³m

Radionuclide Production Cross Section



13

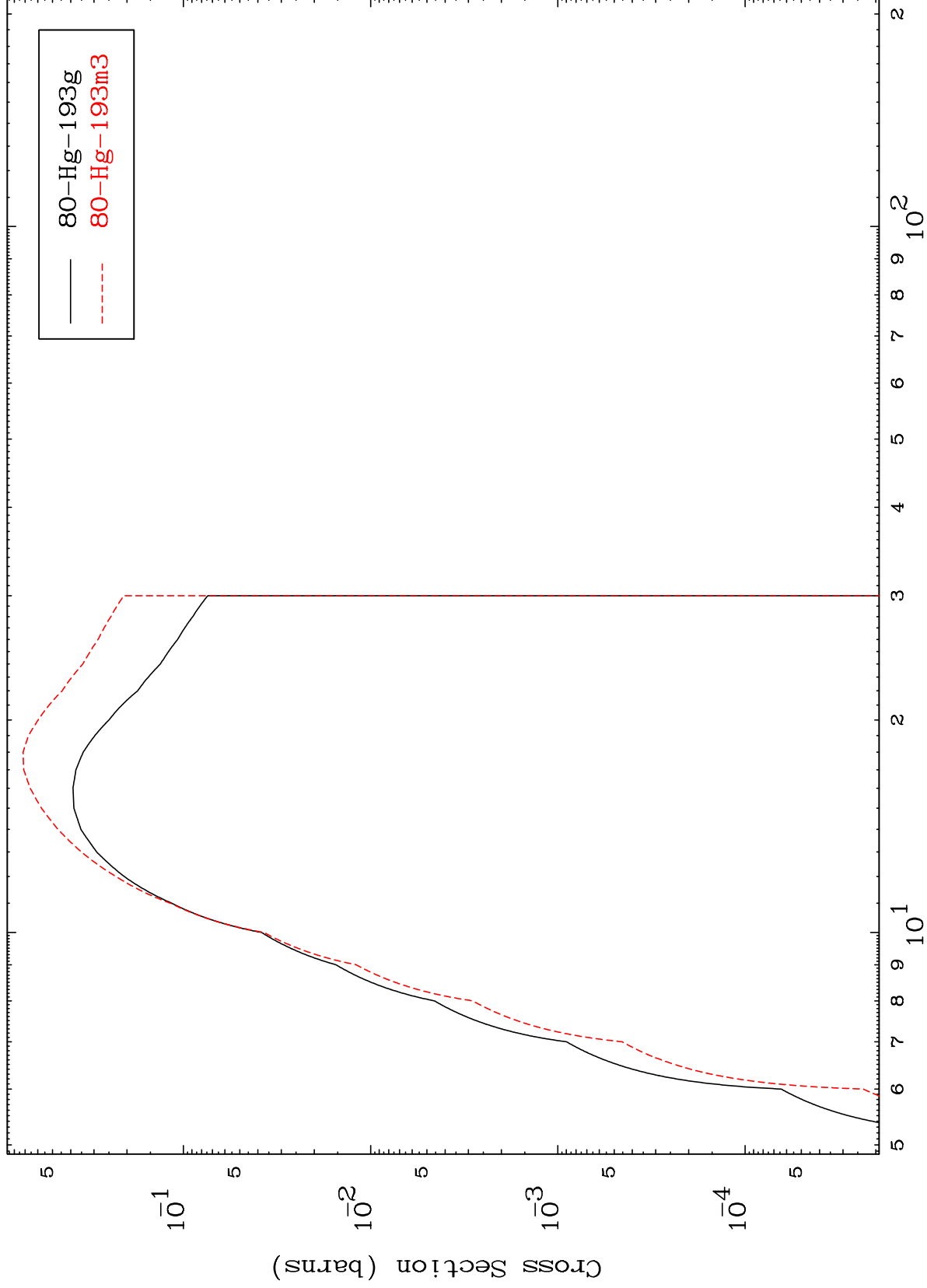
Incident Energy (MeV)

⁷⁹Au-¹⁹³m

MAT 7914

79-Au-193m

(n,2n)
Radionuclide Production Cross Section



79-Au-193m

Incident Energy (MeV)

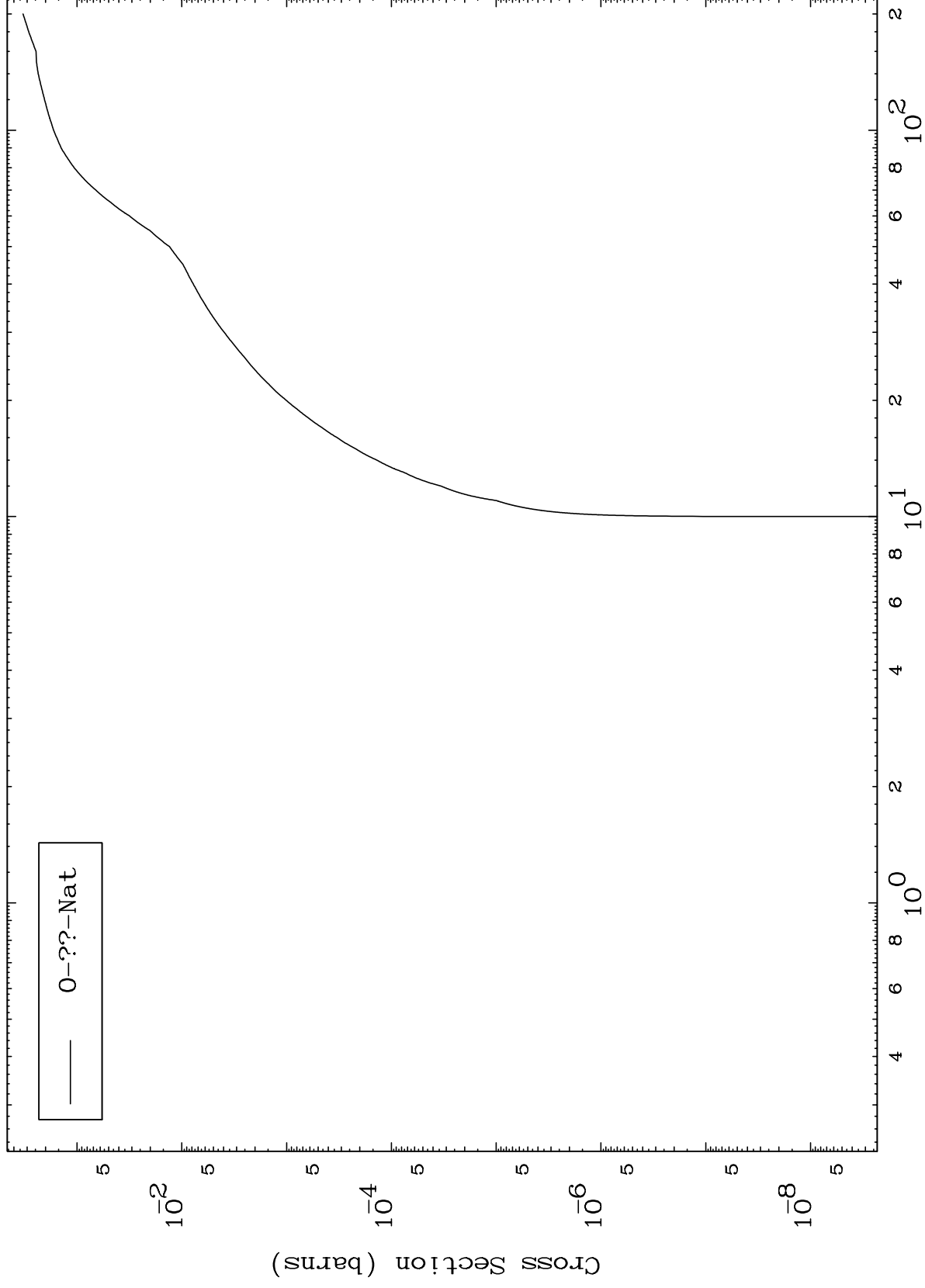
14

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Fission

⁷⁹Au-193m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

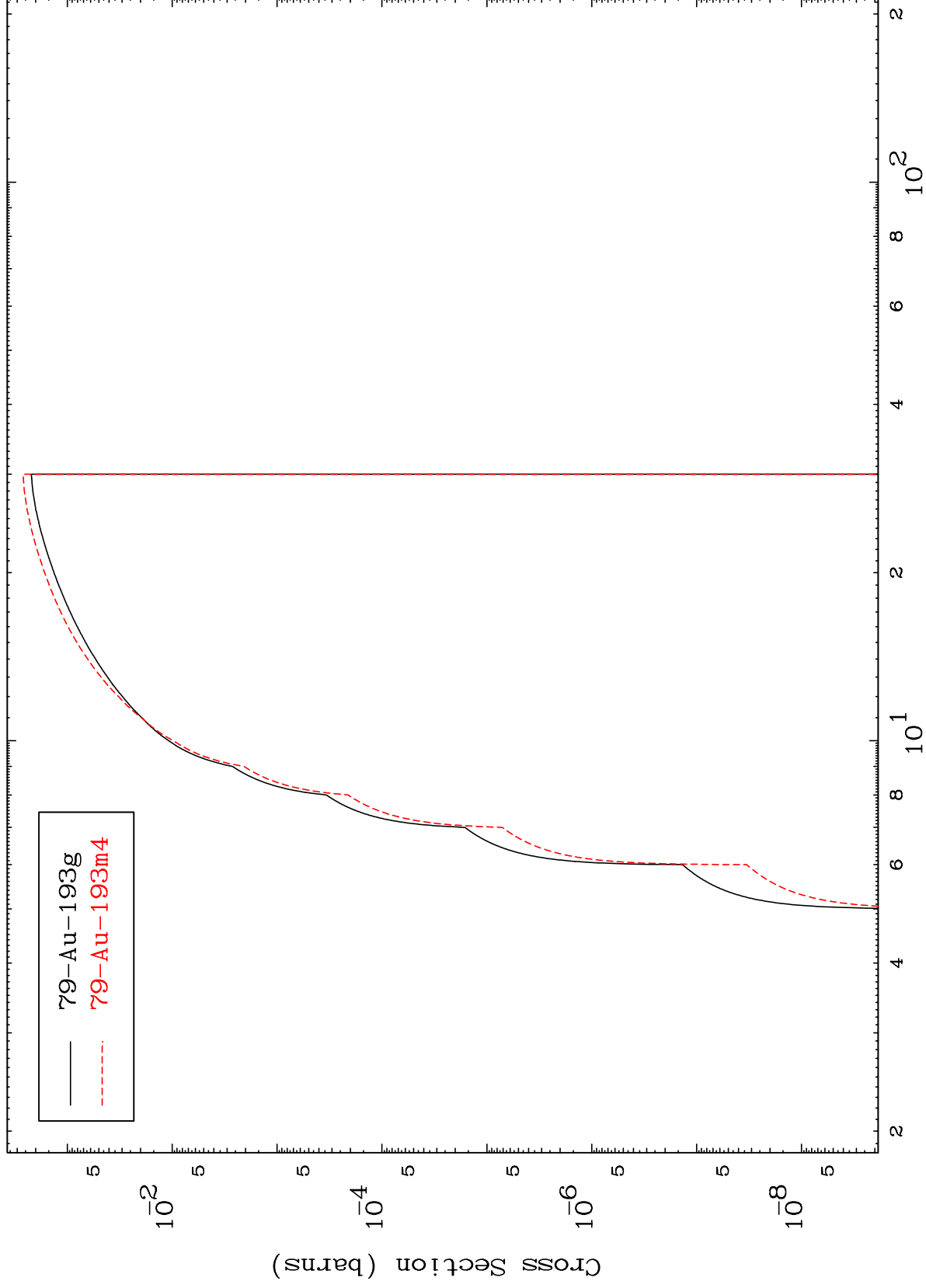
⁷⁹Au-193m

MAT 7914

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

Radionuclide Production Cross Section

$(n,n')\text{ p}$



16

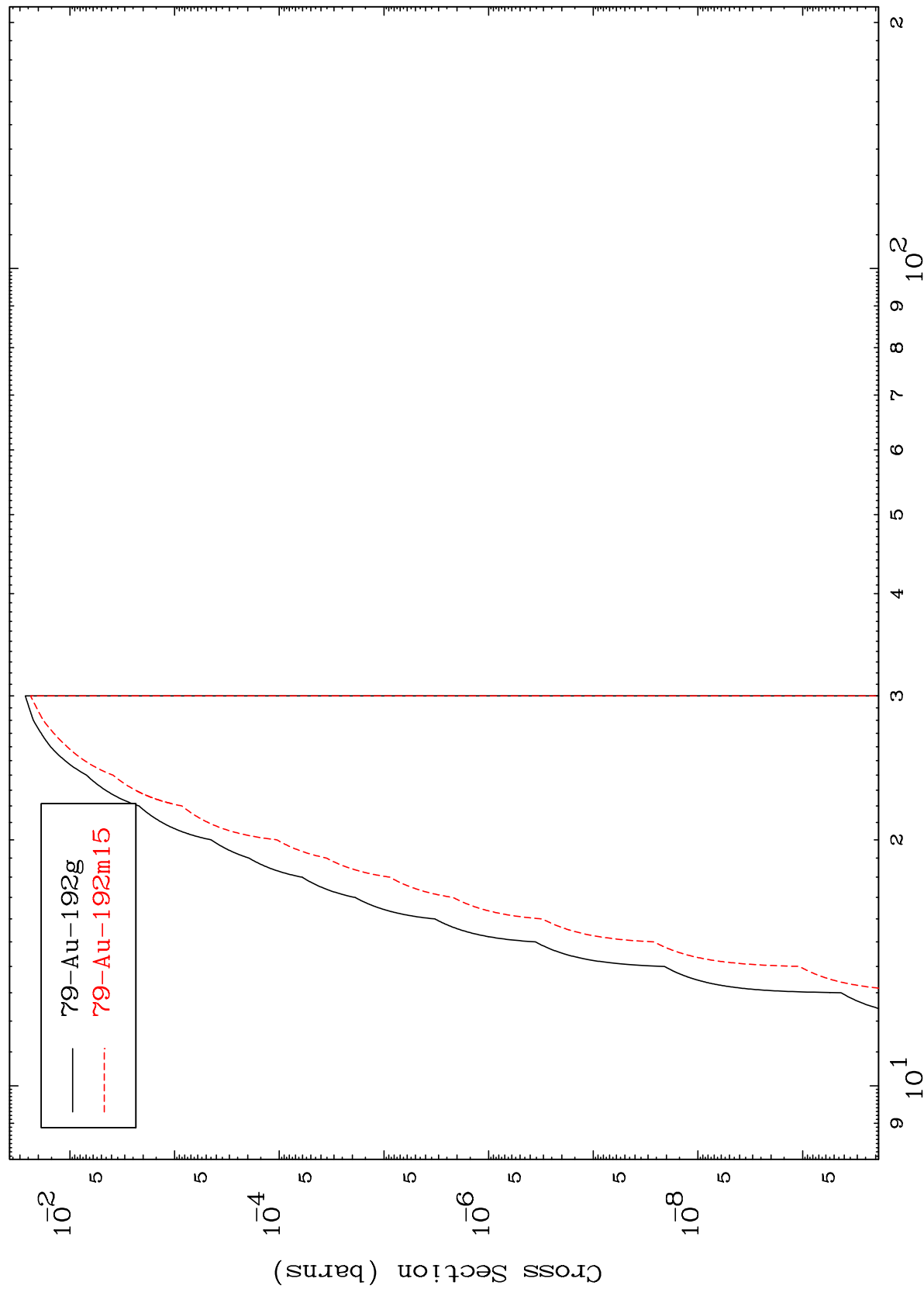
Incident Energy (MeV)

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

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

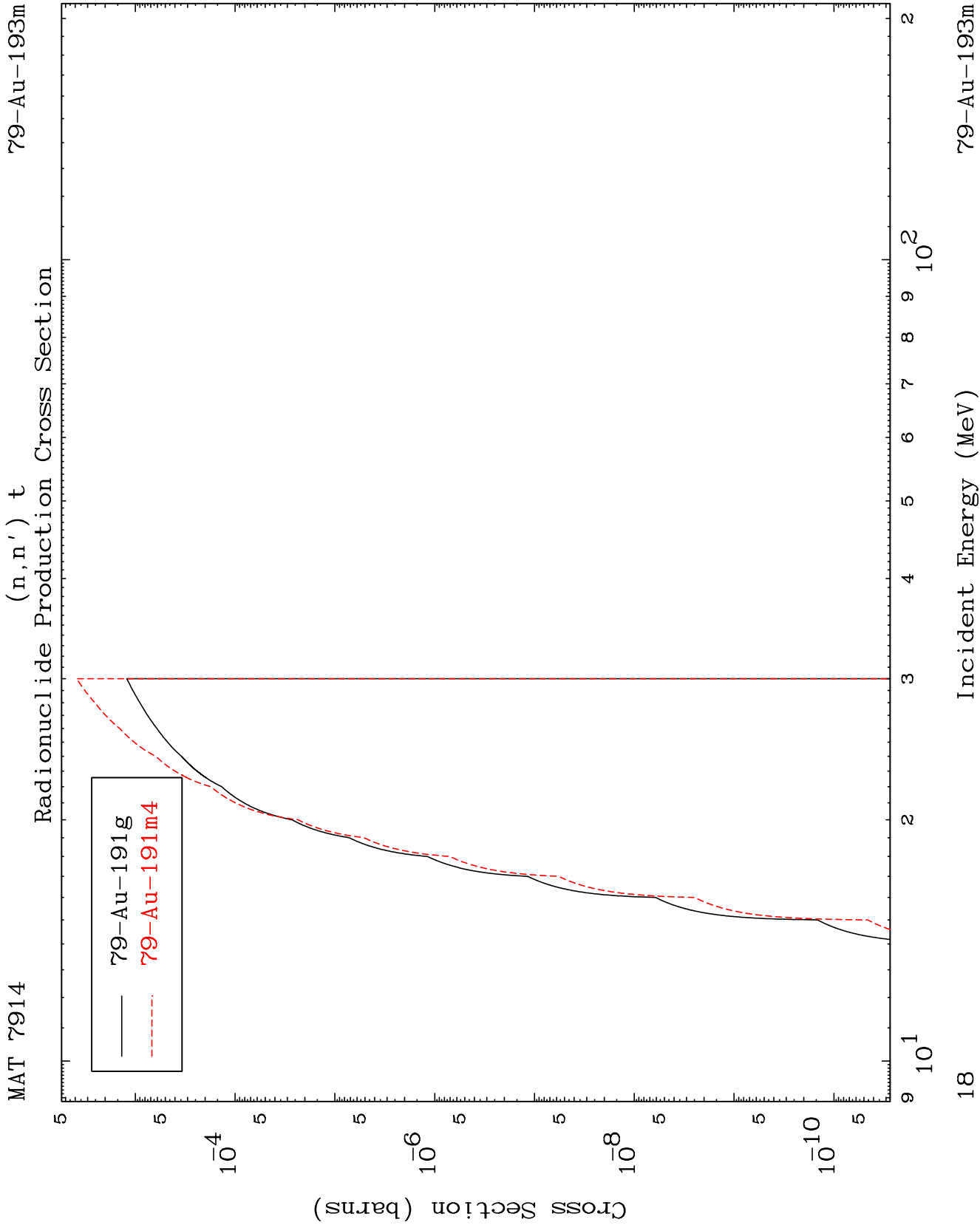
$(n,n')\text{ d}$
Radionuclide Production Cross Section



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

Incident Energy (MeV)

17

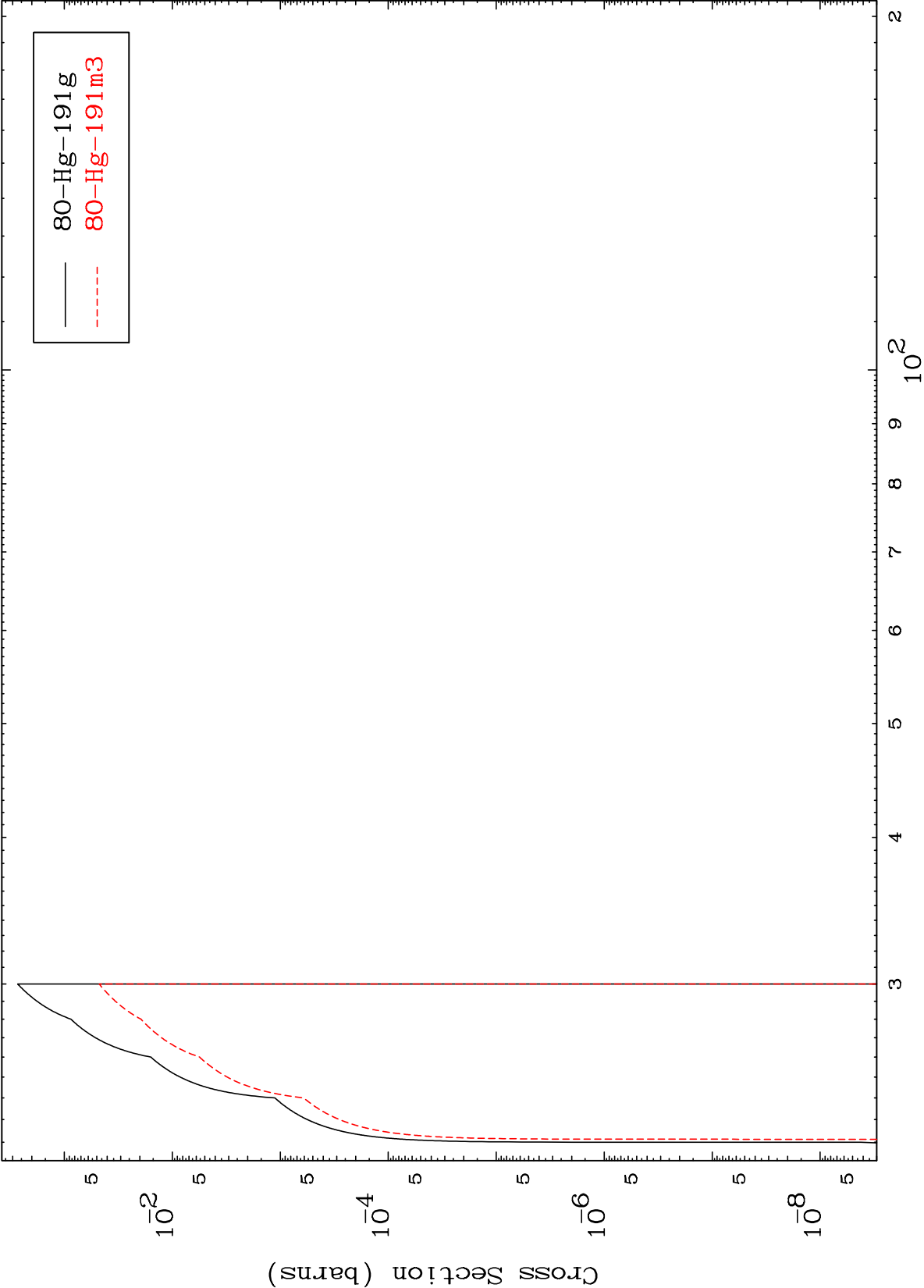


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(n,4n)

⁷⁹Au-¹⁹³m

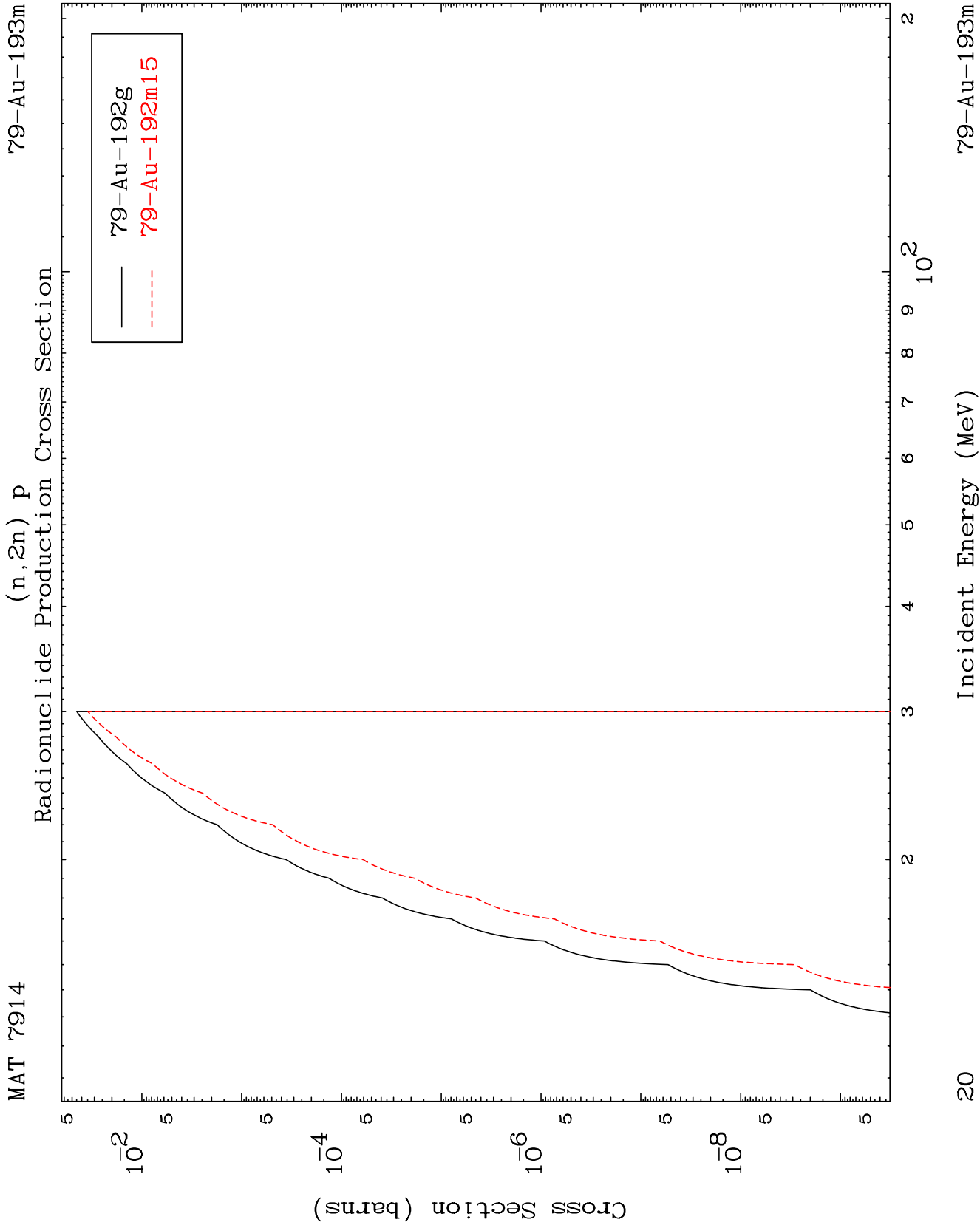
Radionuclide Production Cross Section



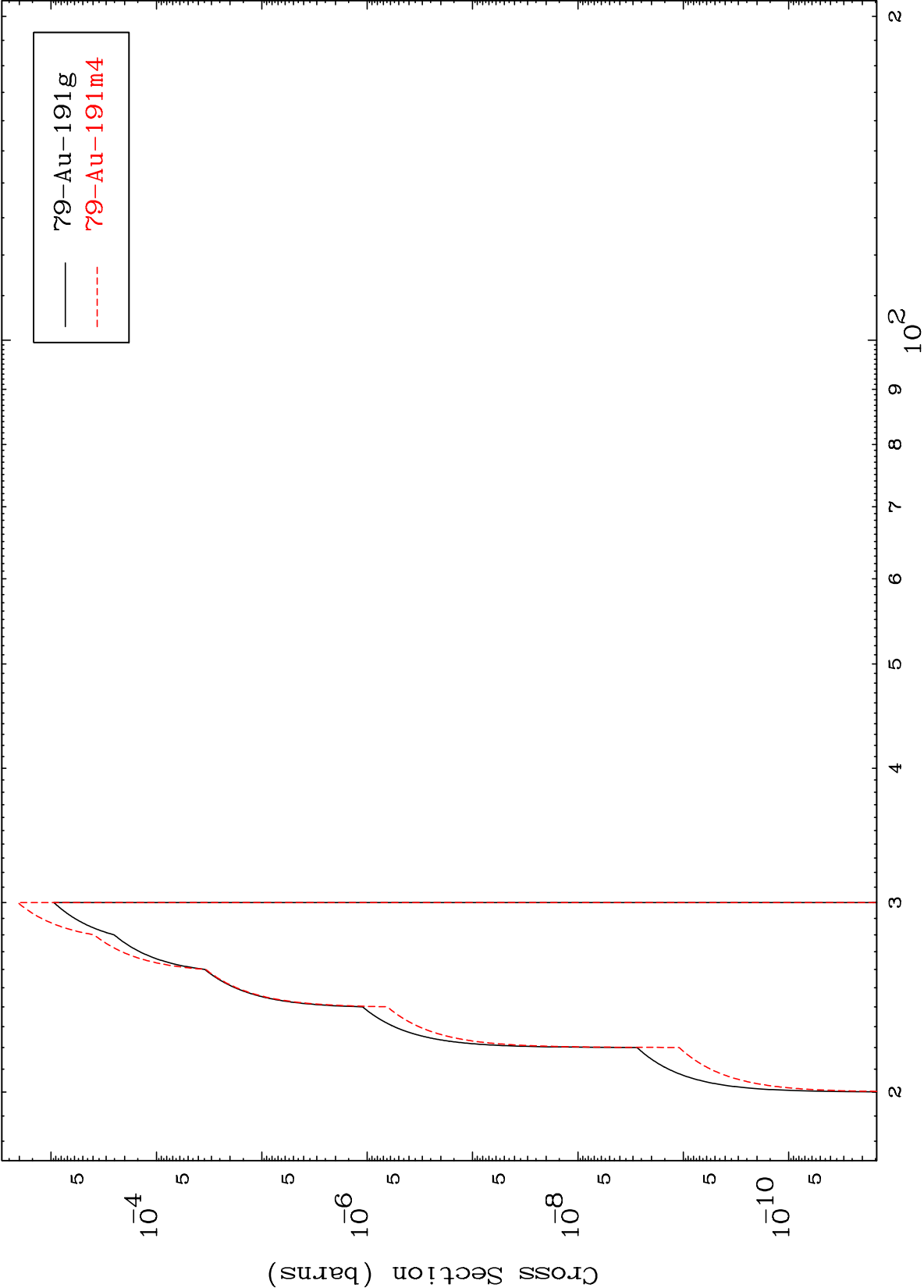
19

Incident Energy (MeV)

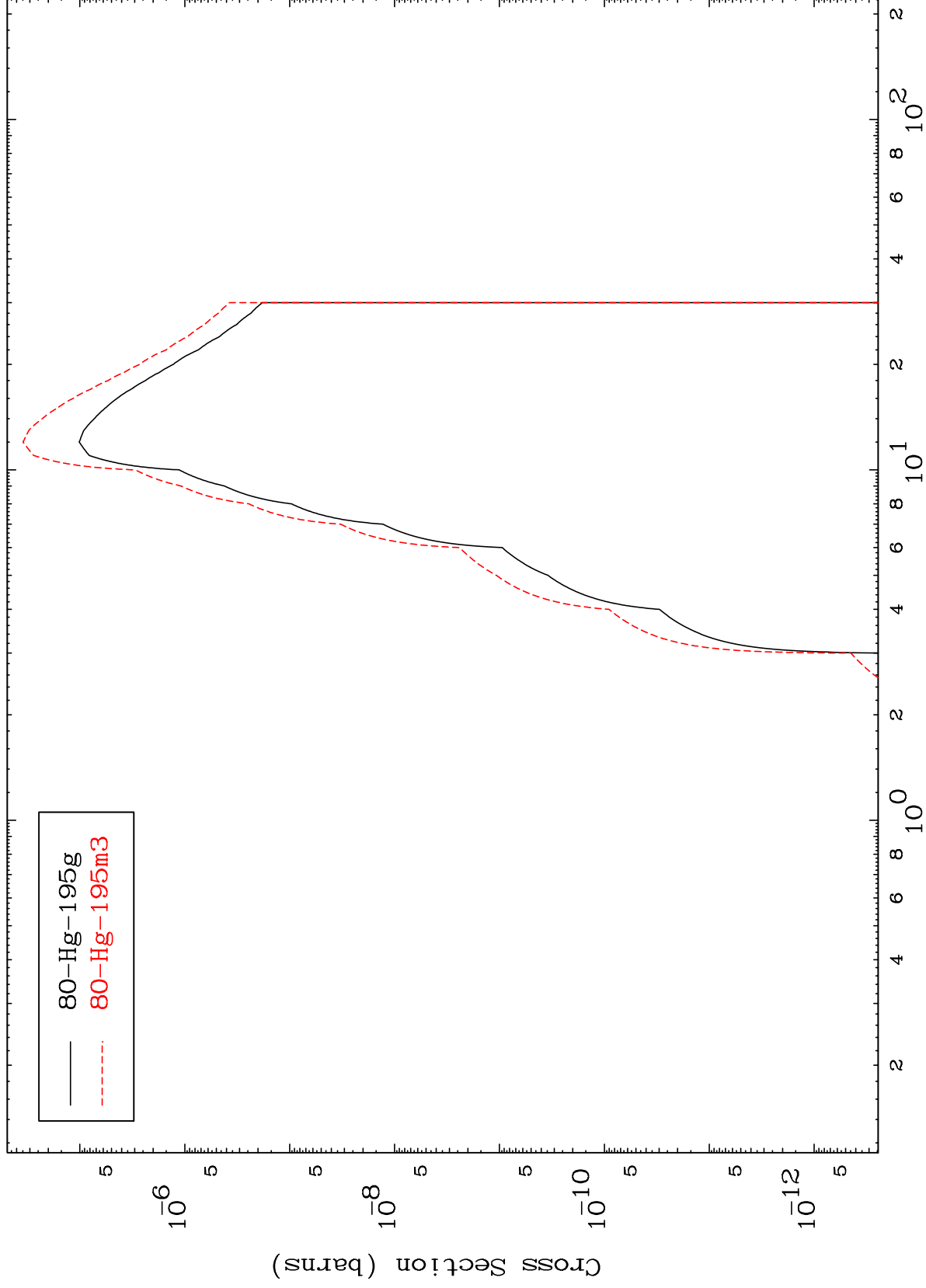
⁷⁹Au-¹⁹³m



Radionuclide Production Cross Section



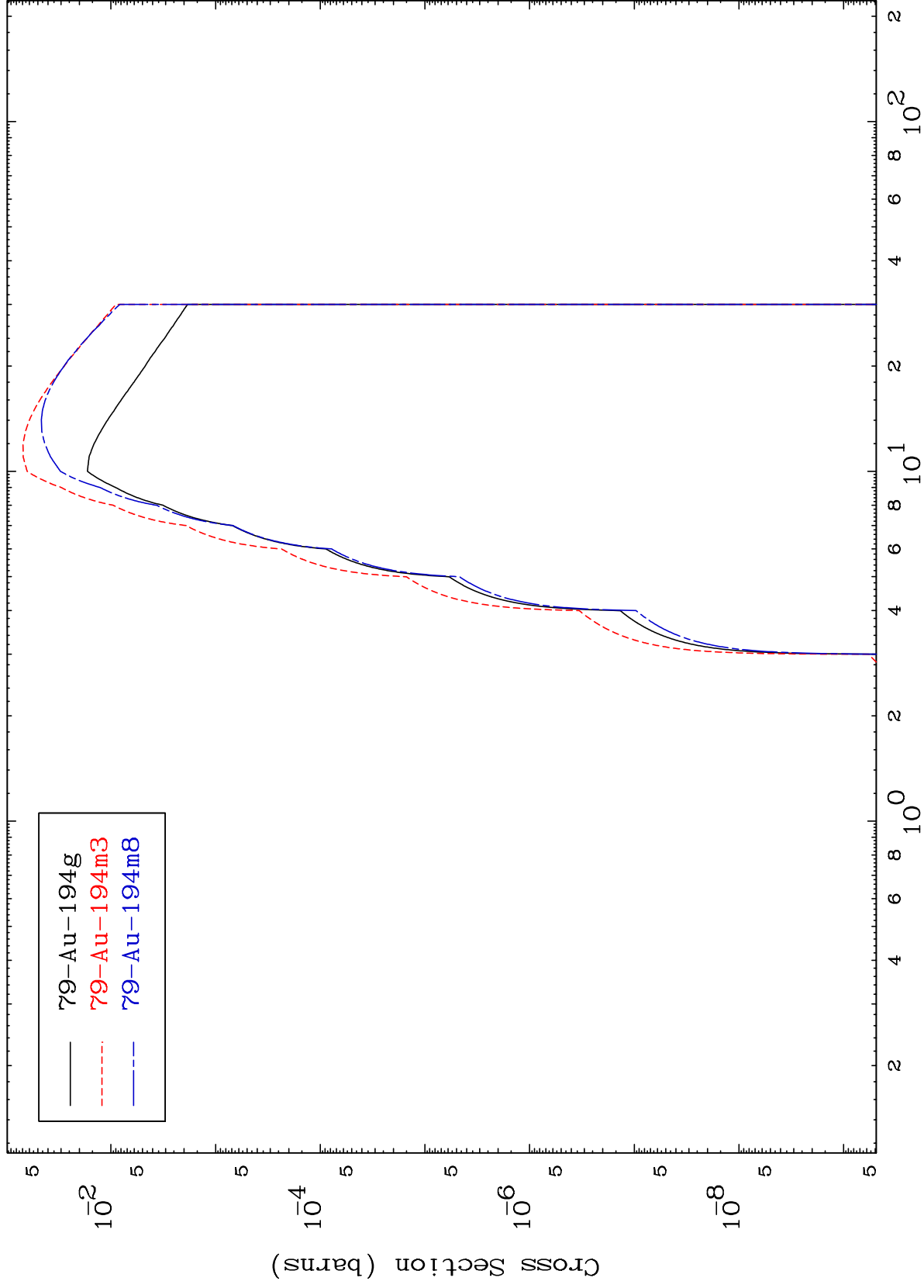
Radionuclide Production Cross Section (n, γ)



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79-Au-193m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

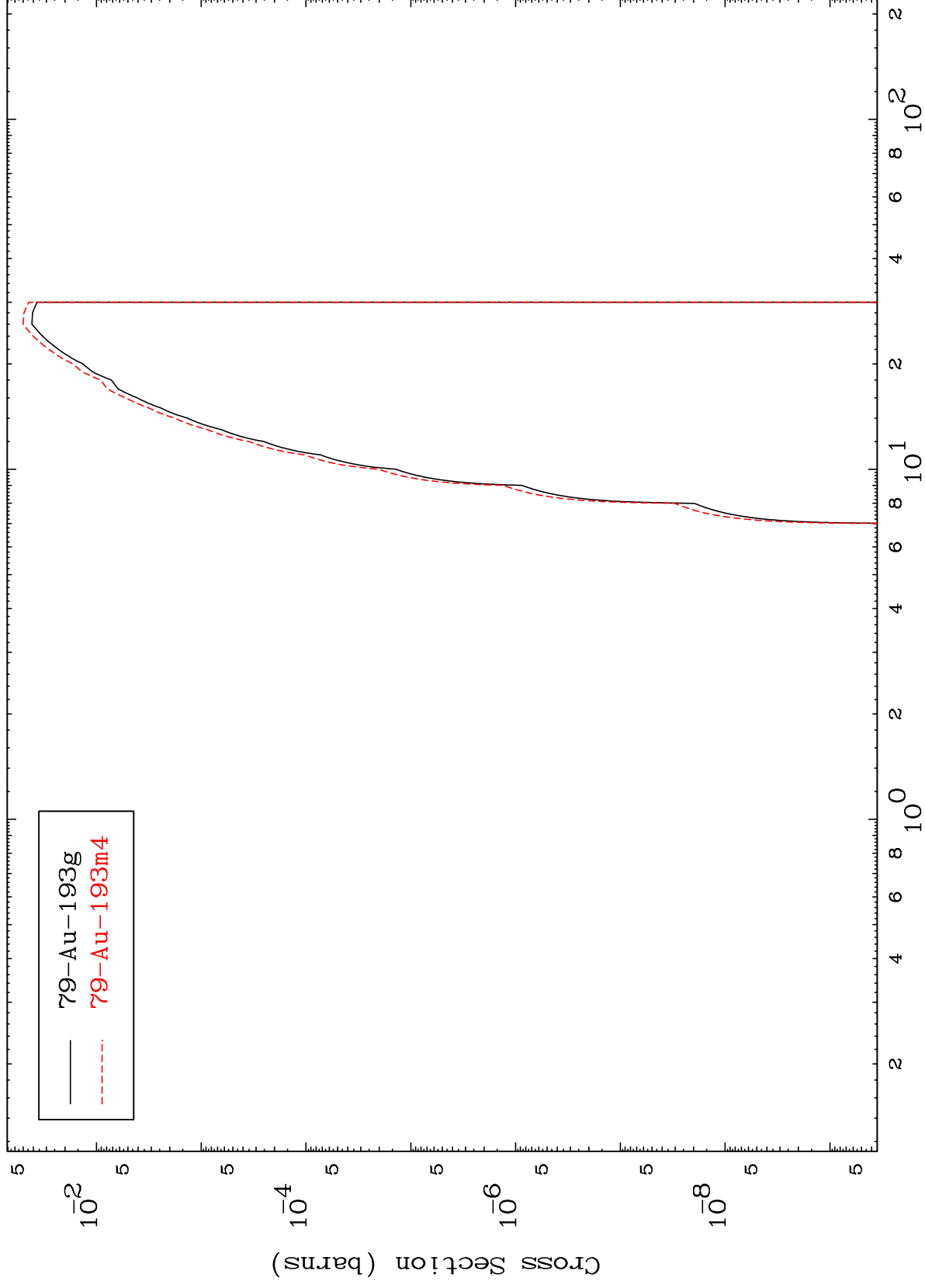
79-Au-193m

MAT 7914

(n,d)

⁷⁹Au-¹⁹³m

Radionuclide Production Cross Section



24

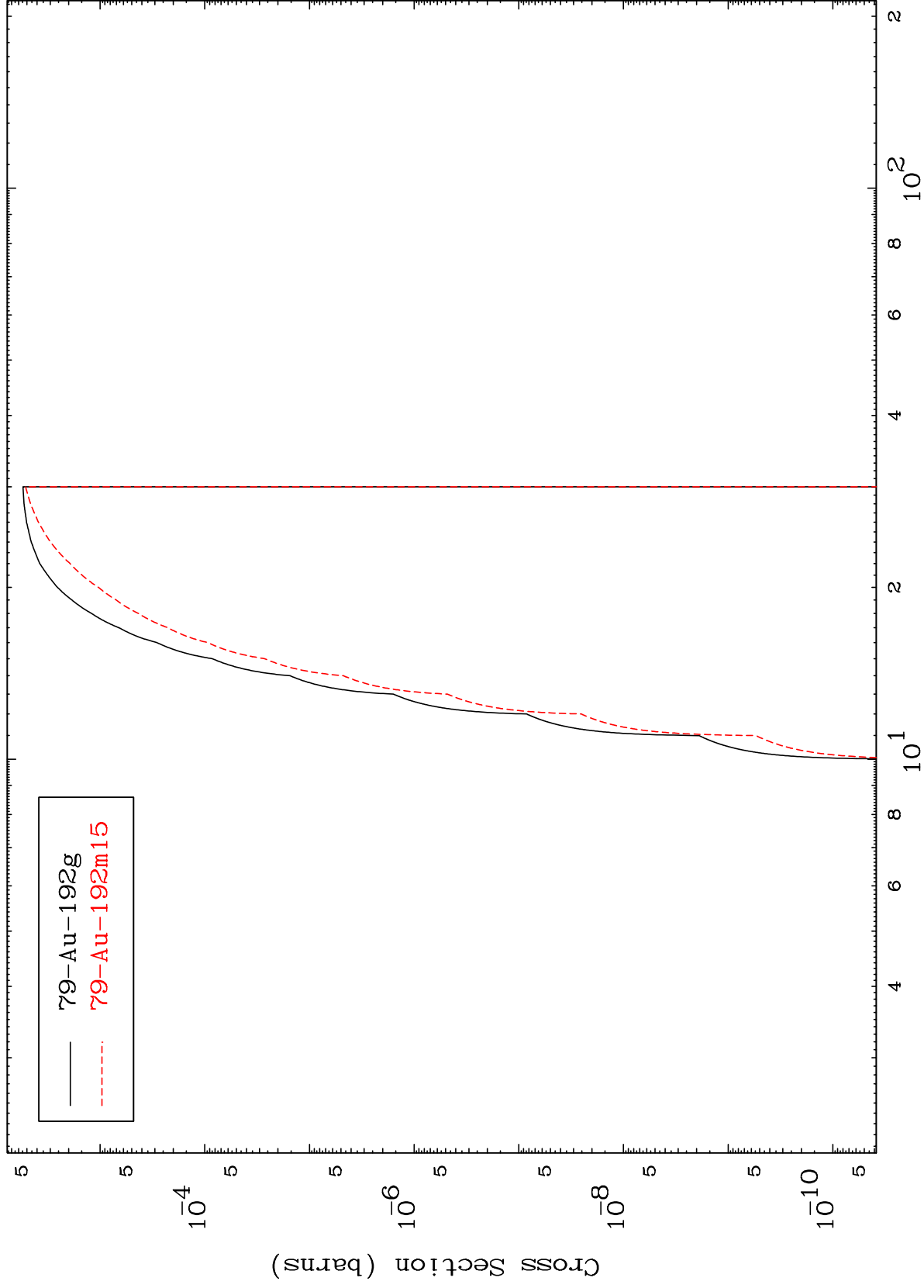
Incident Energy (MeV)

⁷⁹Au-¹⁹³m

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

Radionuclide Production Cross Section



25

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

Radionuclide Production Cross Section

