

Program EVALPLOT
(Version 2021-1)

by

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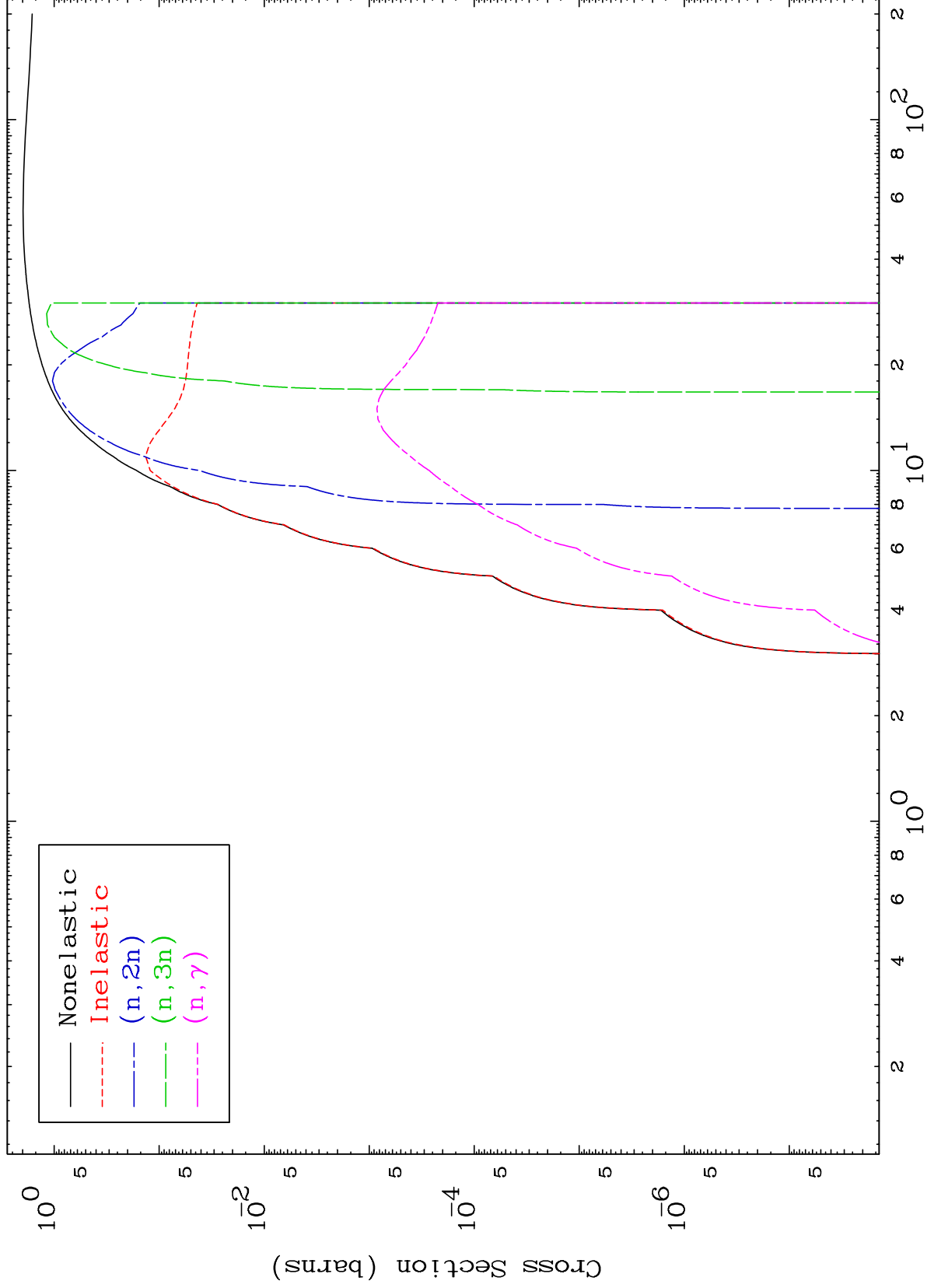
Press Mouse Button to Start

MAT 7926

Proton Major

79-Au-197m

0 Kelvin Cross Sections



1

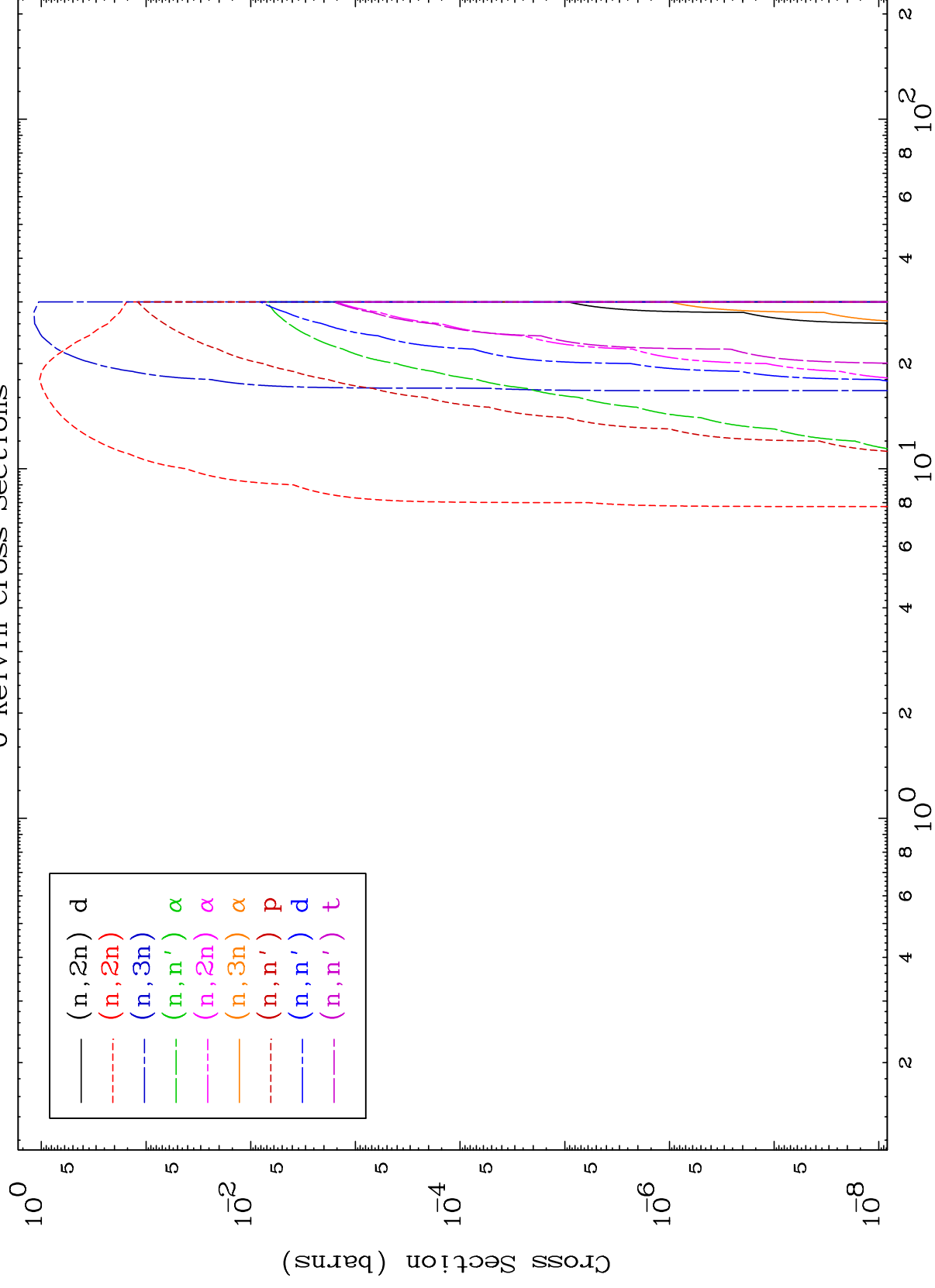
Incident Energy (MeV)

79-Au-197m

MAT 7926

Proton Neutron Absorption
0 Kelvin Cross Sections

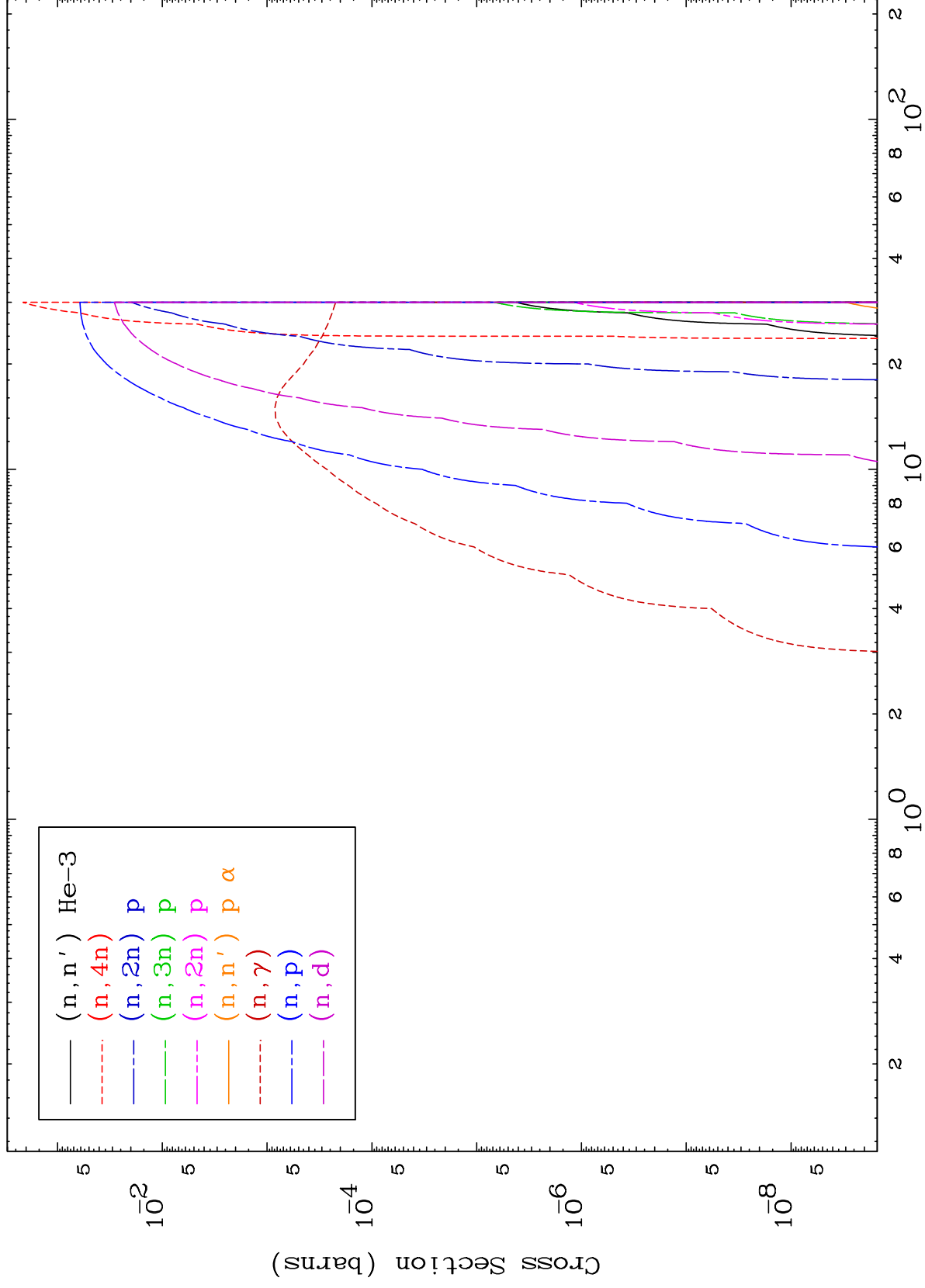
79-Au-197m

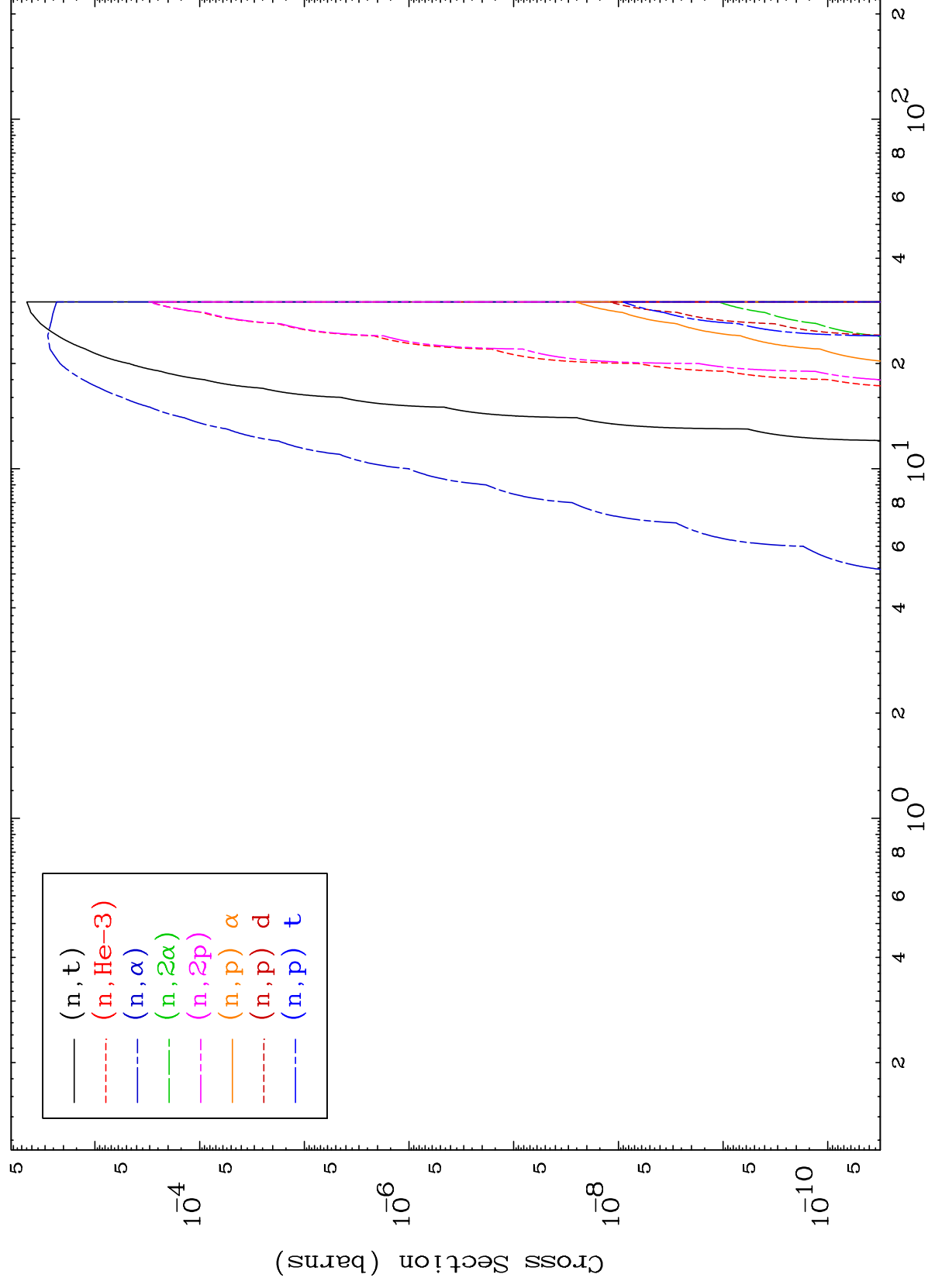


2

Incident Energy (MeV)

79-Au-197m

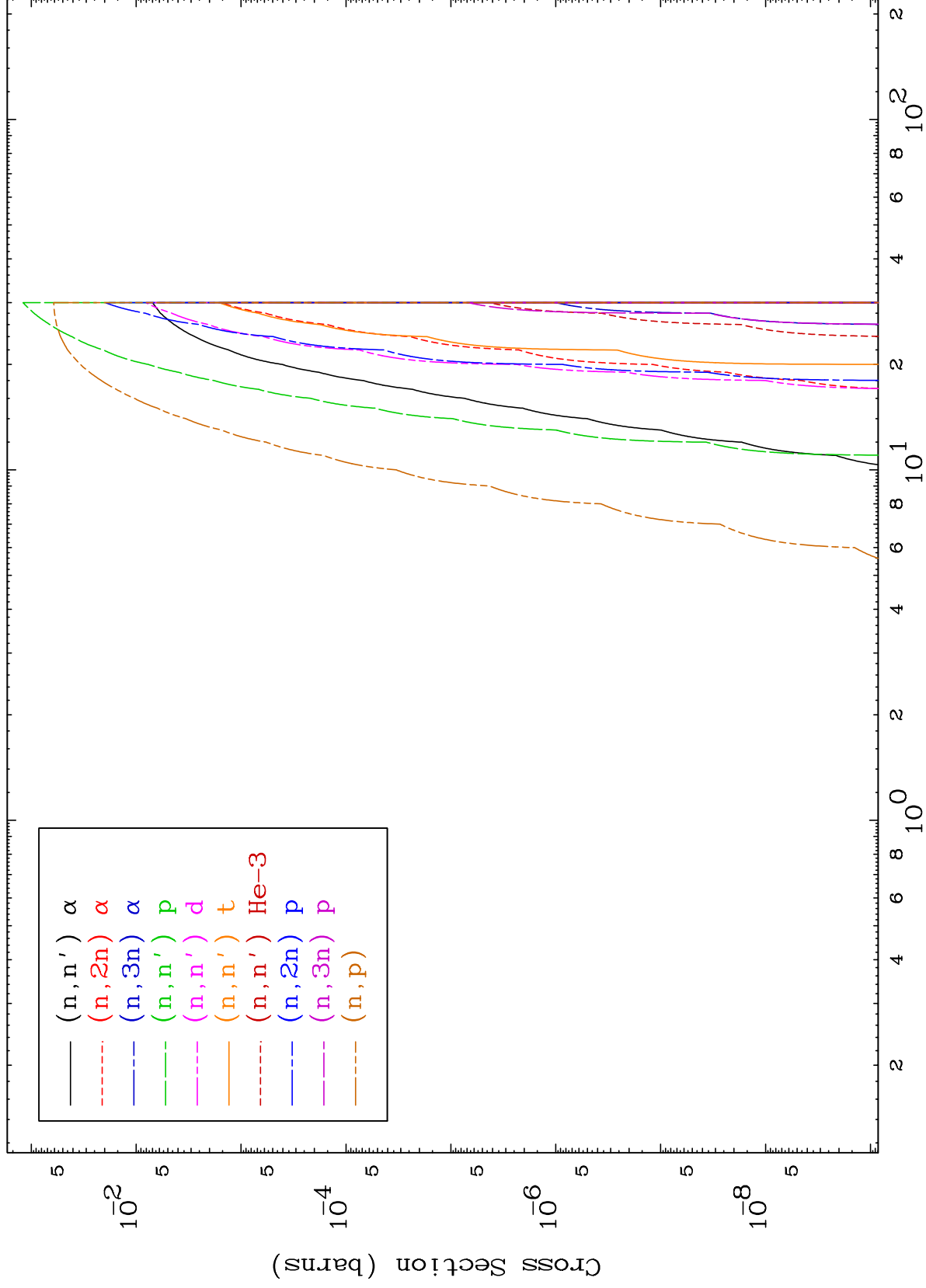




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Proton Charged Particle
0 Kelvin Cross Sections

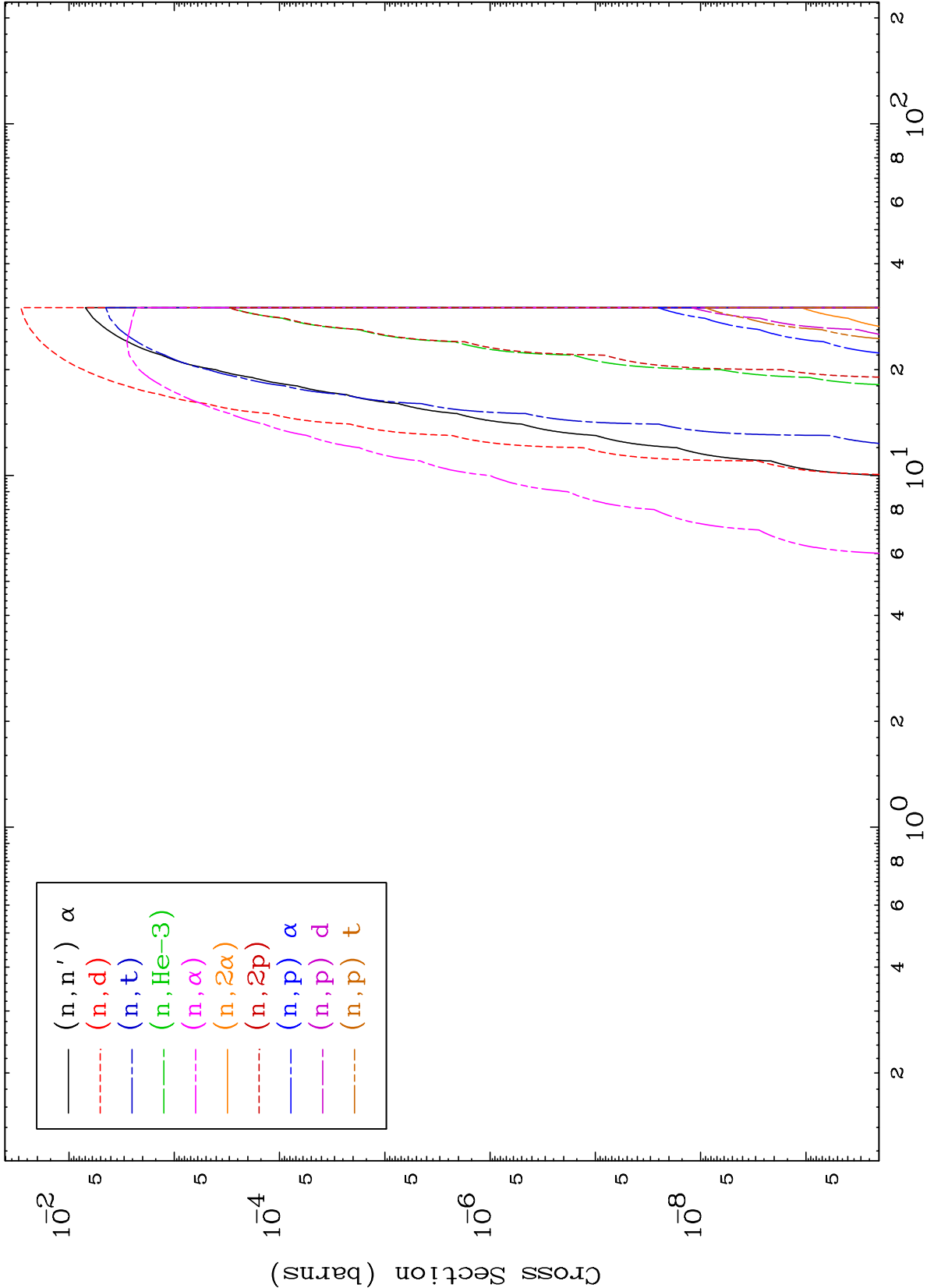
79-Au-197m



5

Incident Energy (MeV)

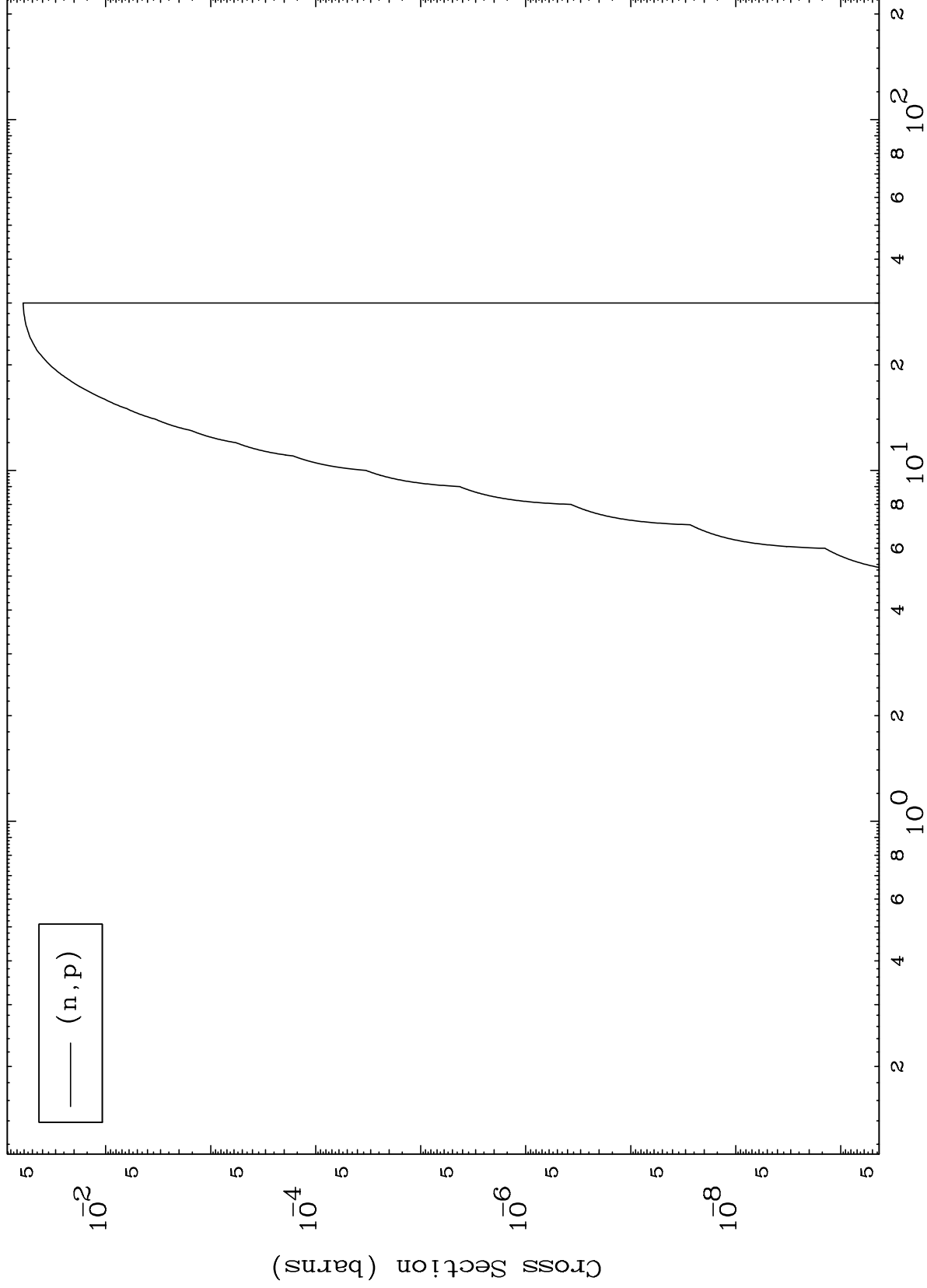
79-Au-197m



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79-Au-197m

(p,p) Levels
0 Kelvin Cross Sections



7

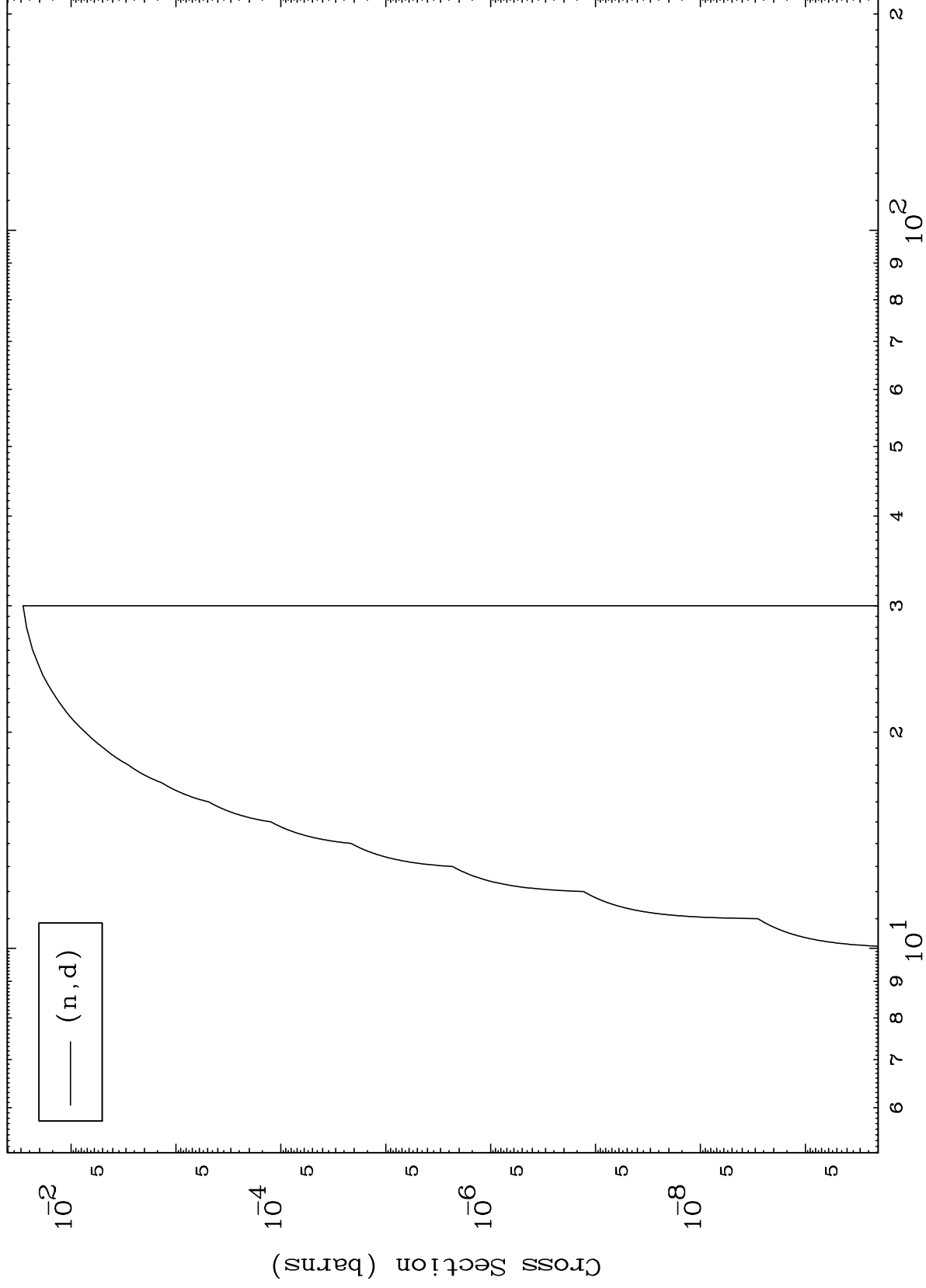
Incident Energy (MeV)

79-Au-197m

MAT 7926

⁷⁹Au-197m

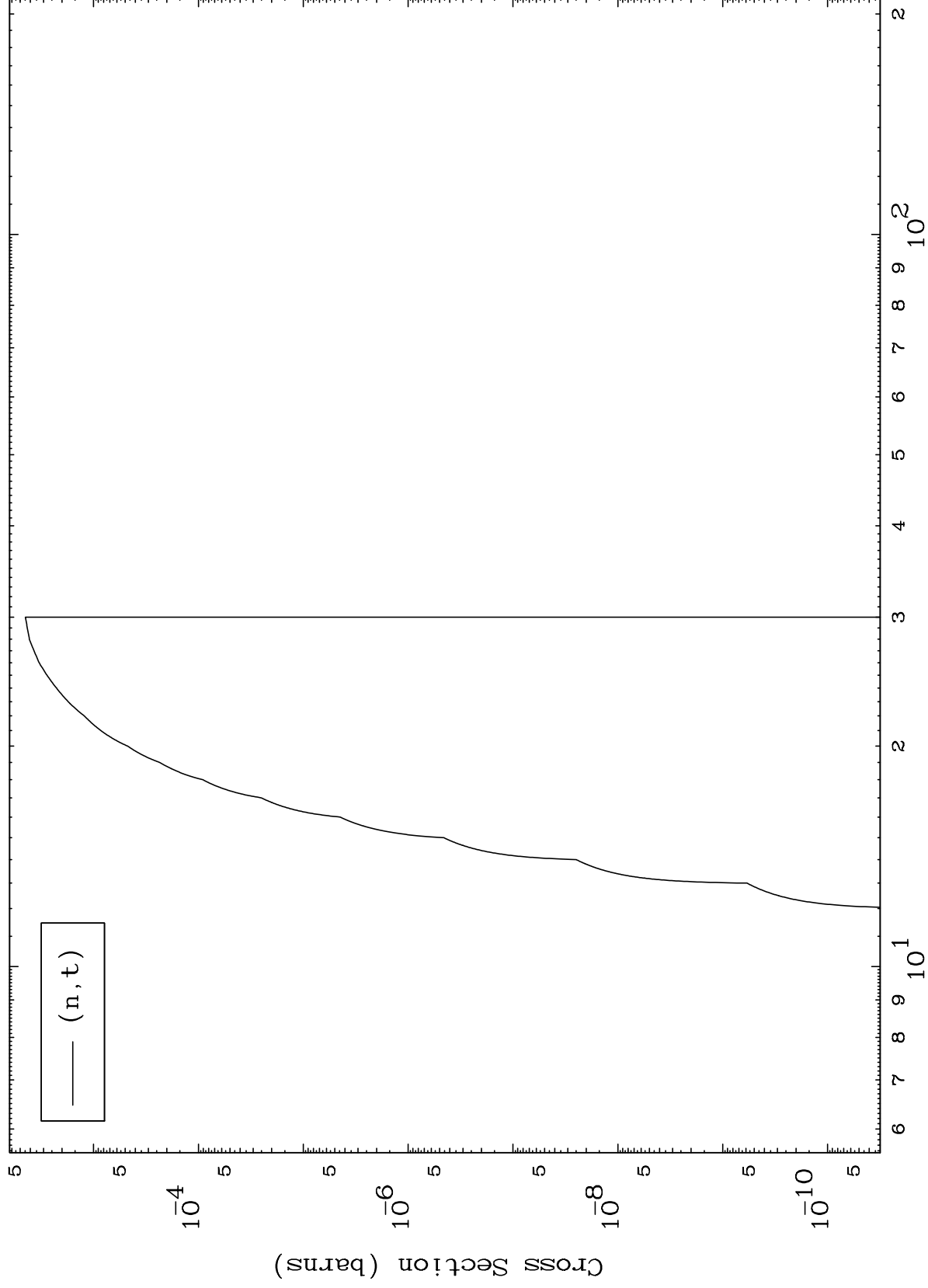
(p,d) Levels
0 Kelvin Cross Sections



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79-Au-197m

(p,t) Levels
0 Kelvin Cross Sections



9

79-Au-197m

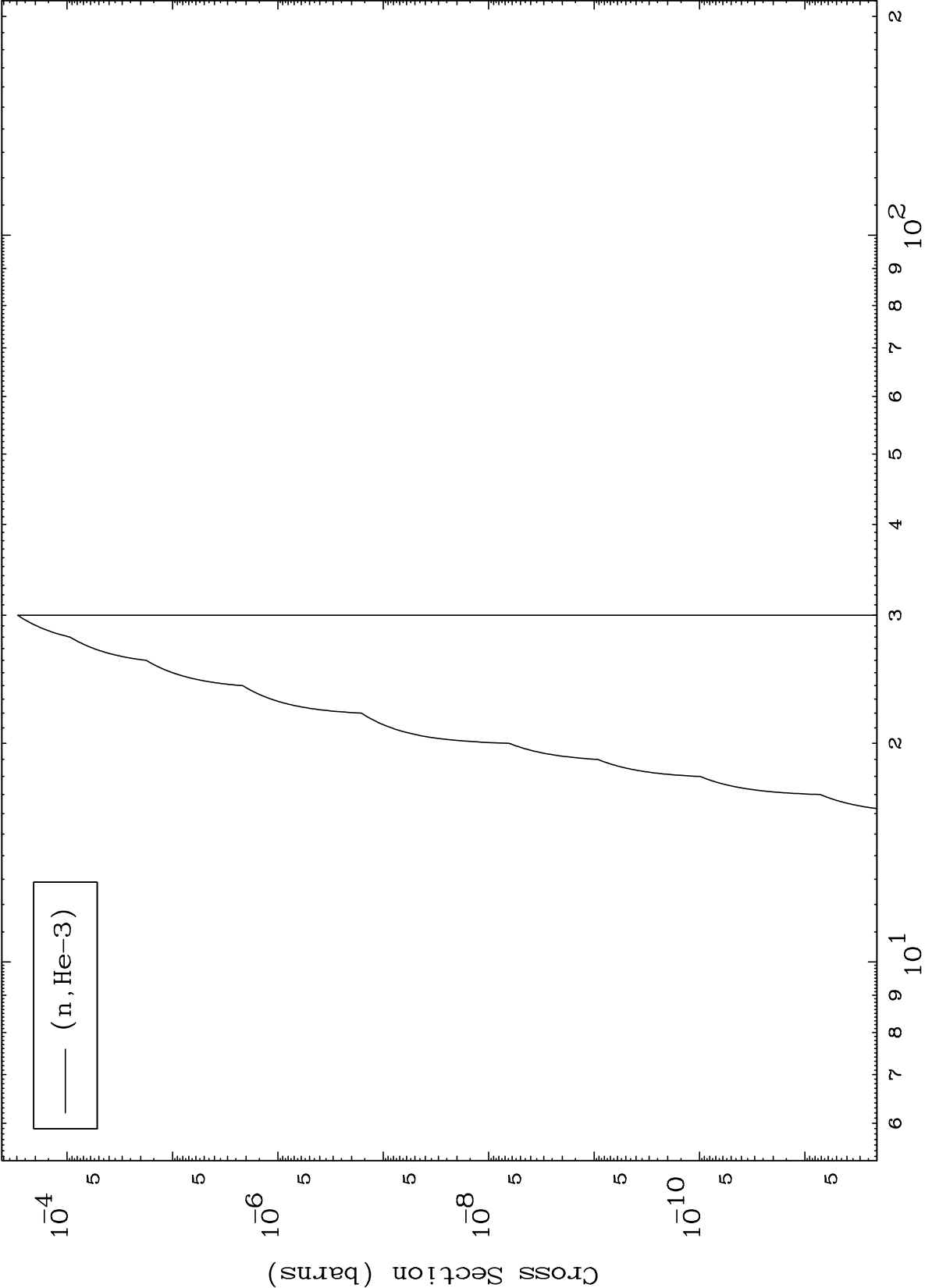
Incident Energy (MeV)

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(p,He3) Levels

⁷⁹Au-197m

0 Kelvin Cross Sections



10

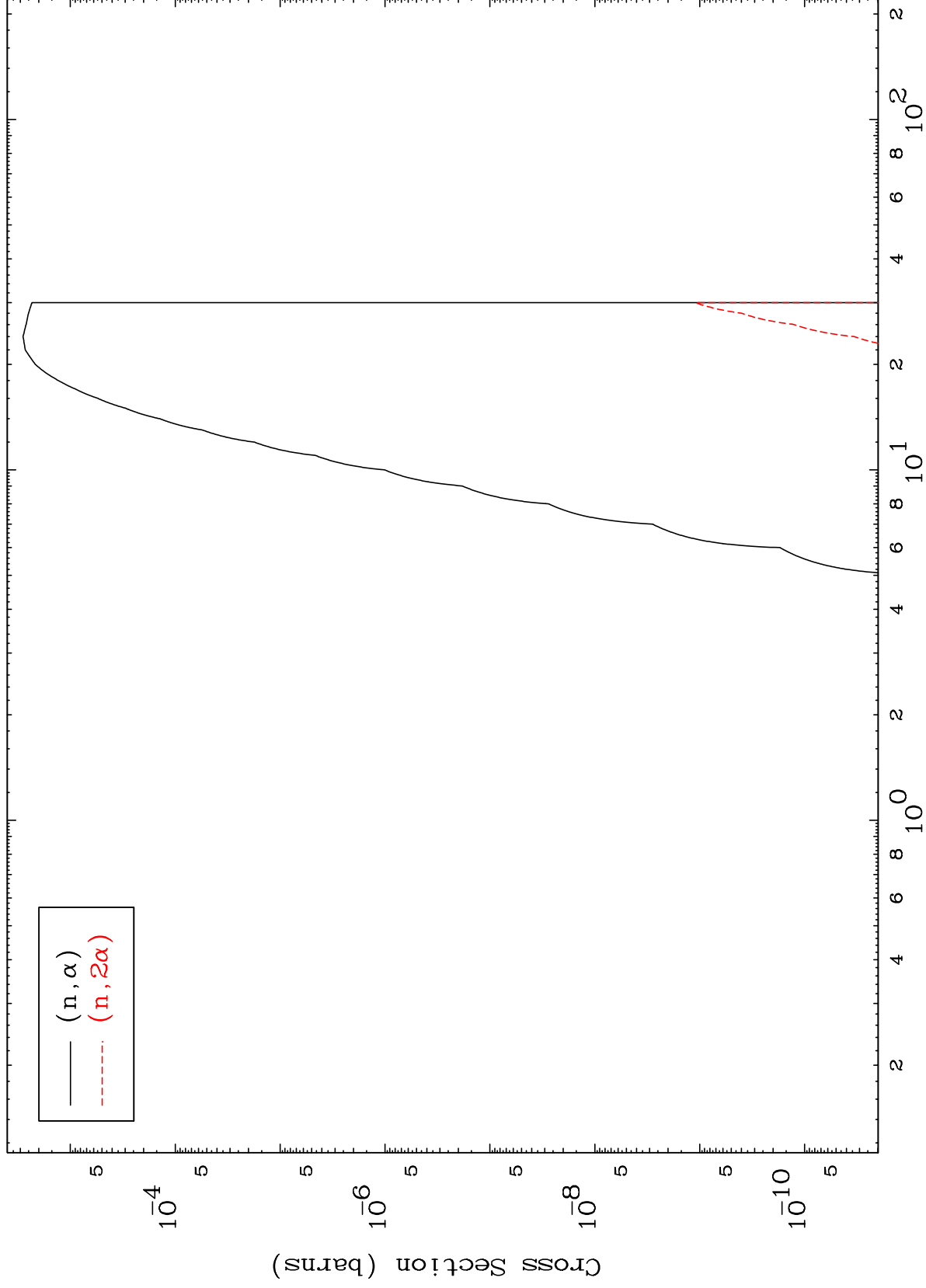
Incident Energy (MeV)

⁷⁹Au-197m

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79-Au-197m

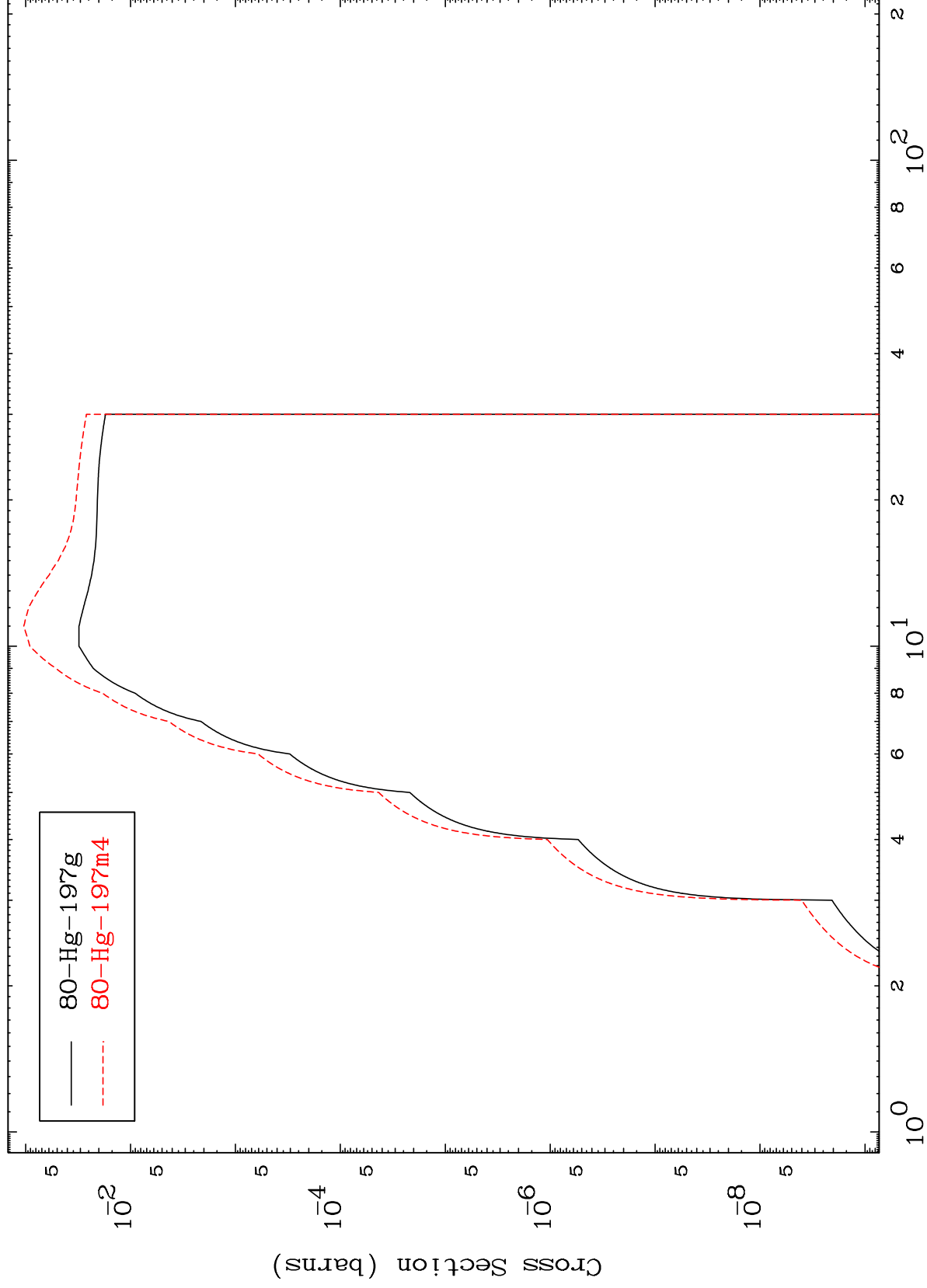
(p, α) Levels
0 Kelvin Cross Sections



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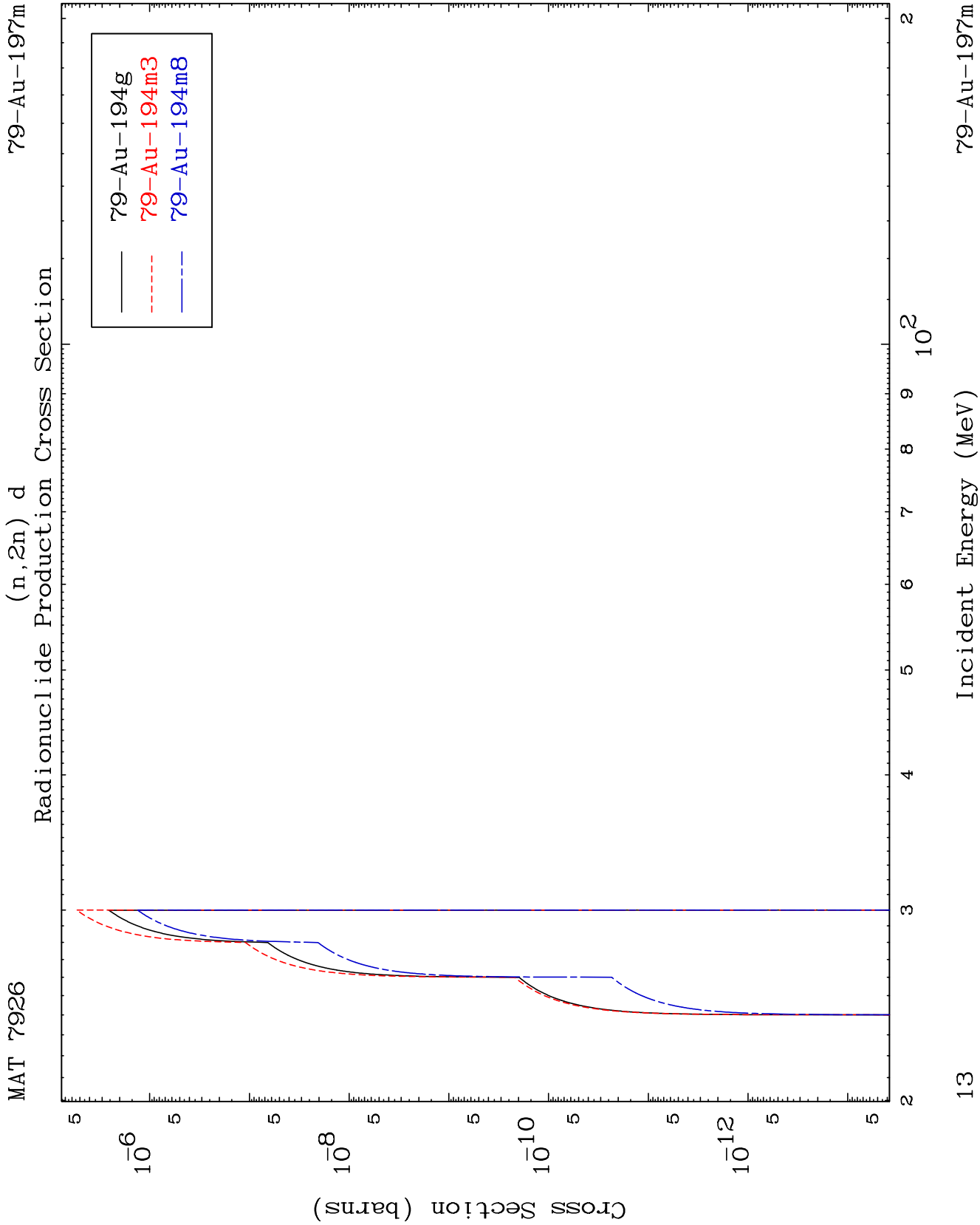
Radionuclide Production Cross Section

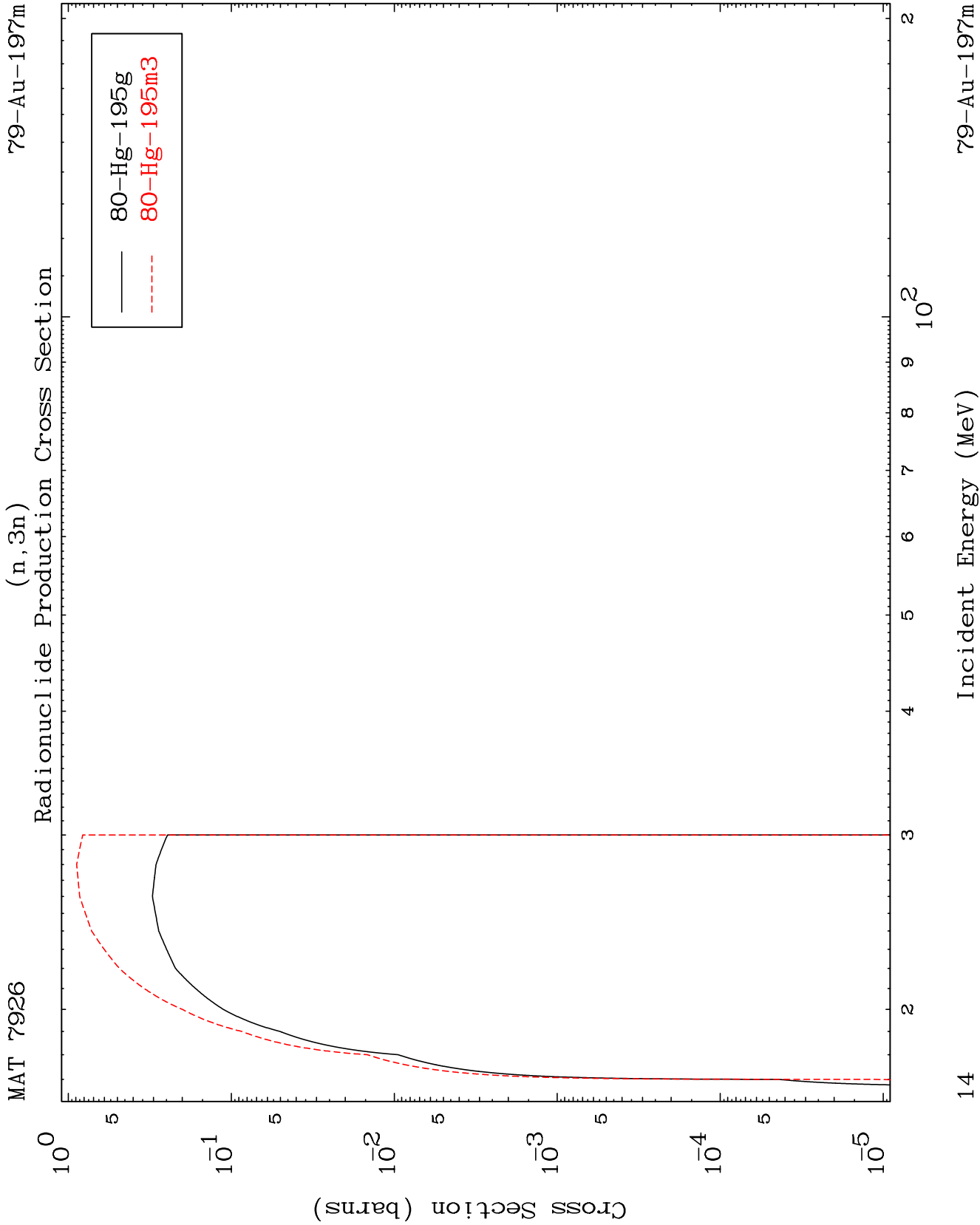
$^{79}\text{Au}-^{197}\text{m}$



Incident Energy (MeV)

$^{79}\text{Au}-^{197}\text{m}$



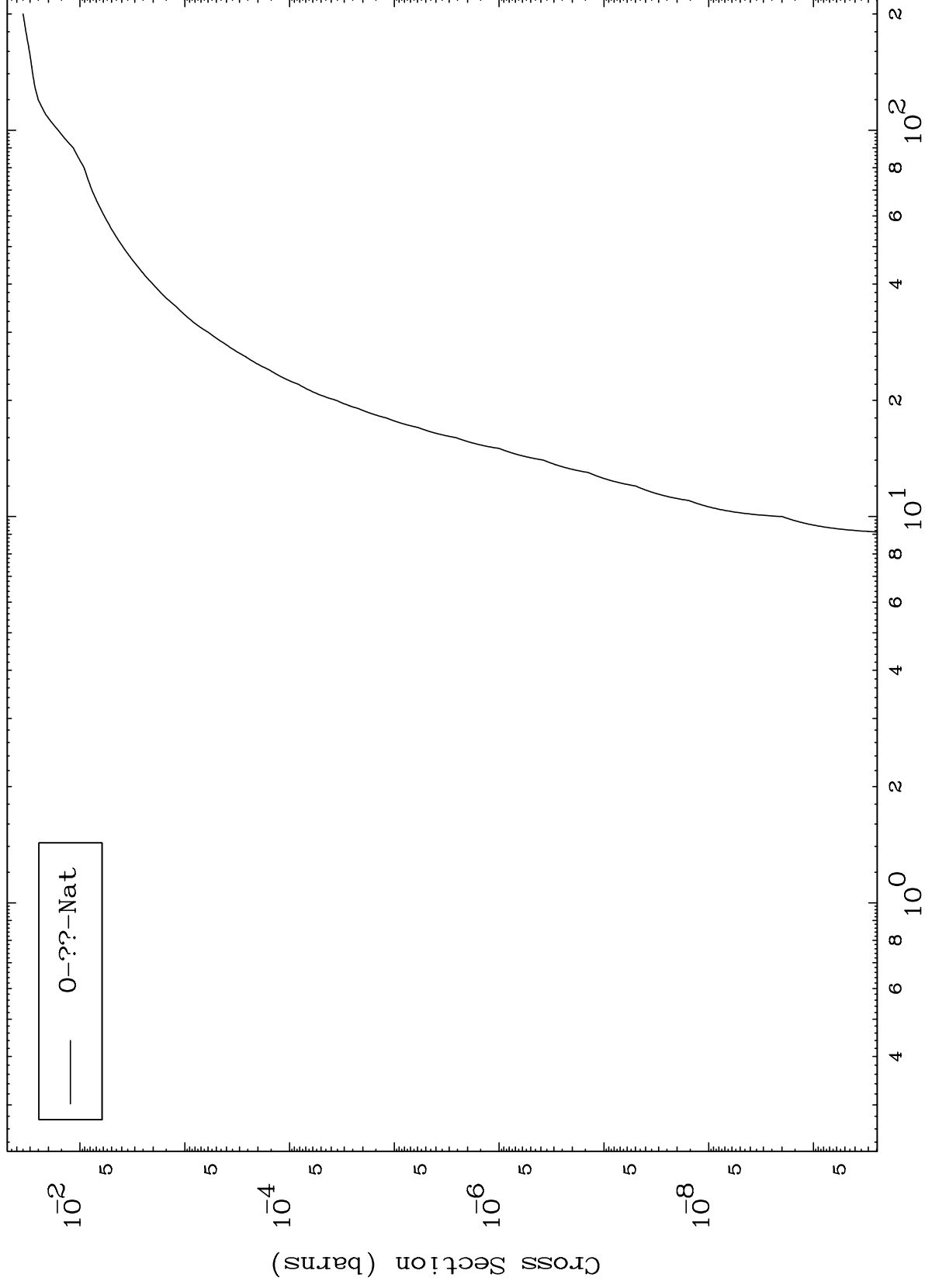


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Fission

⁷⁹Au-197m

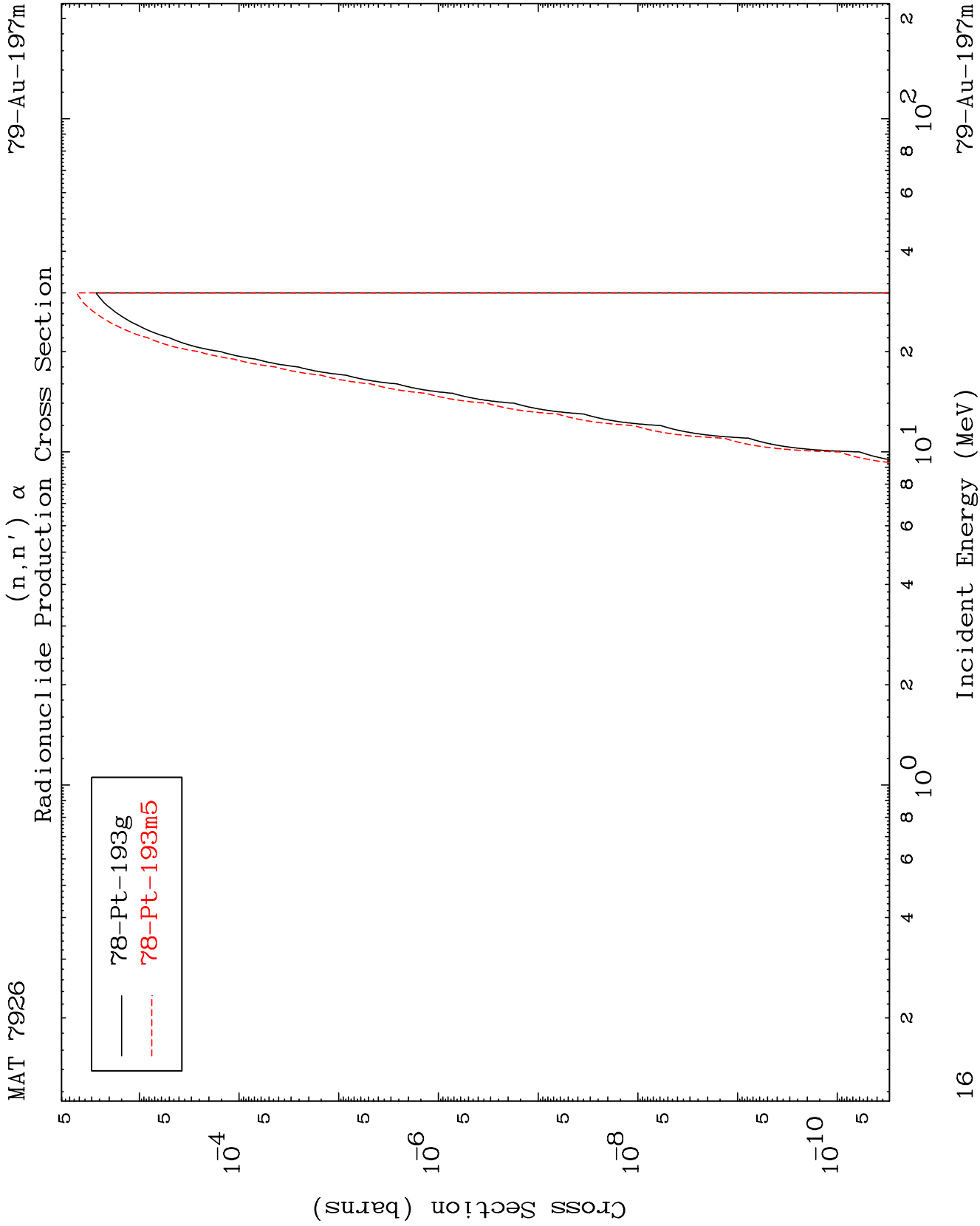
Radionuclide Production Cross Section

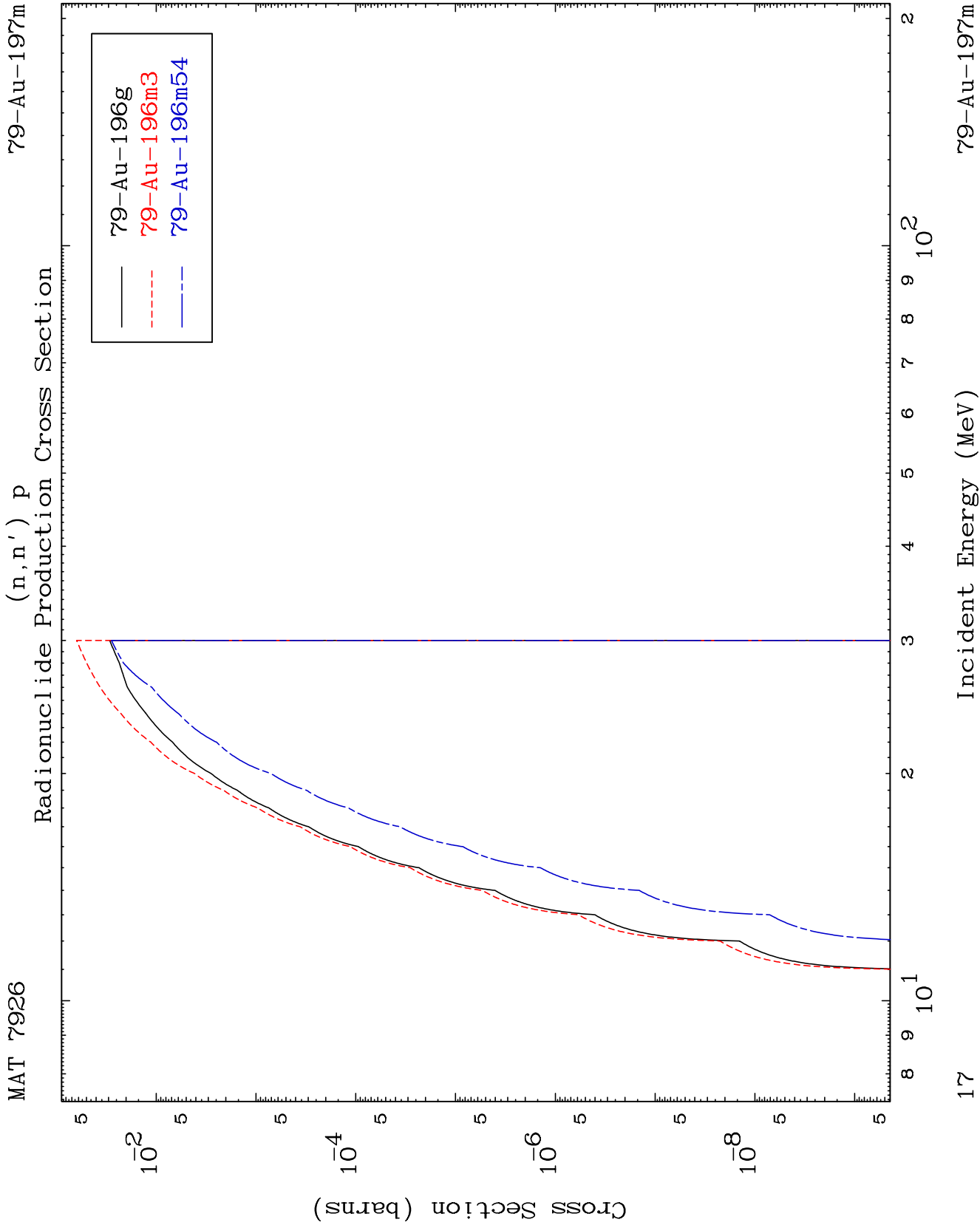


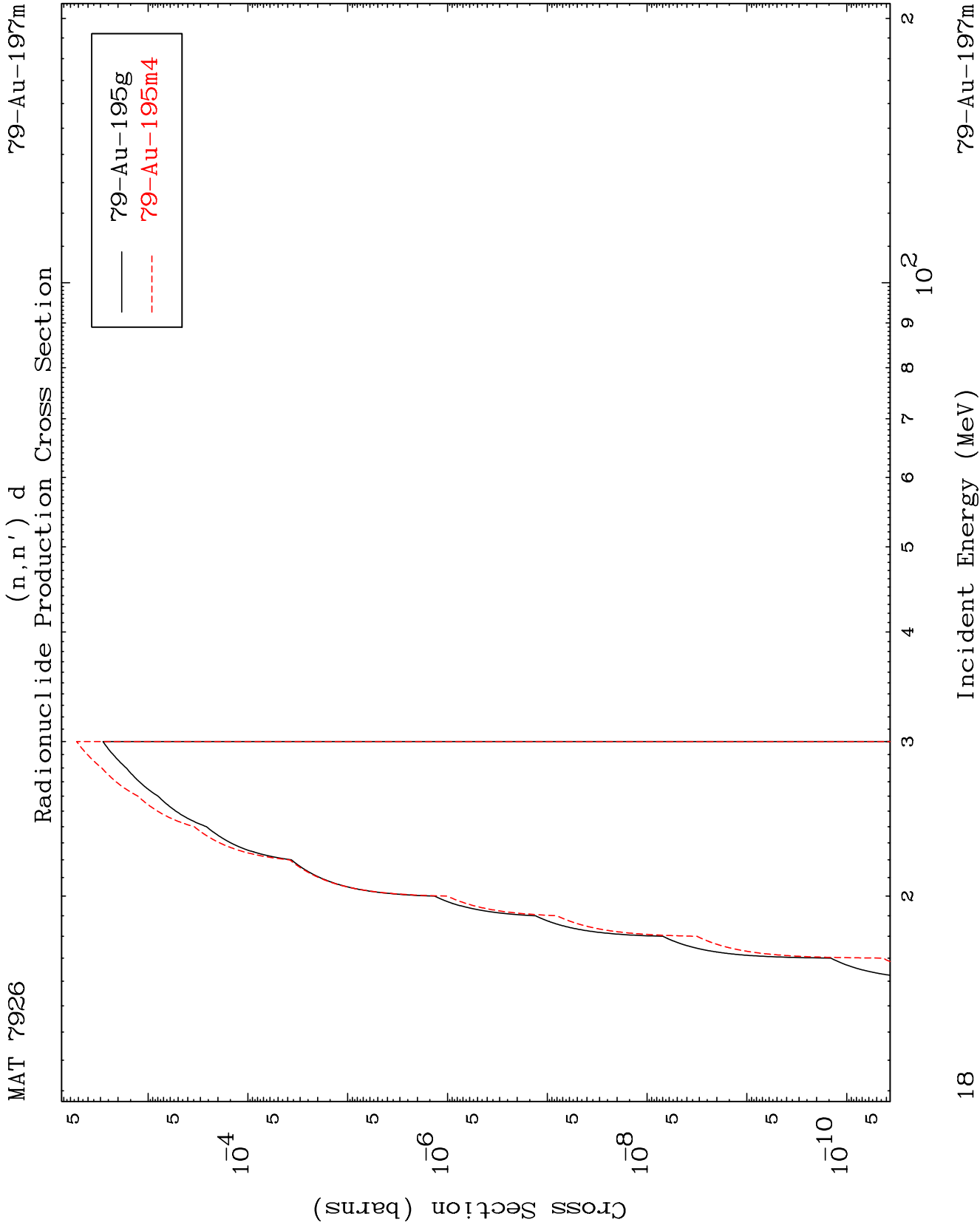
15

Incident Energy (MeV)

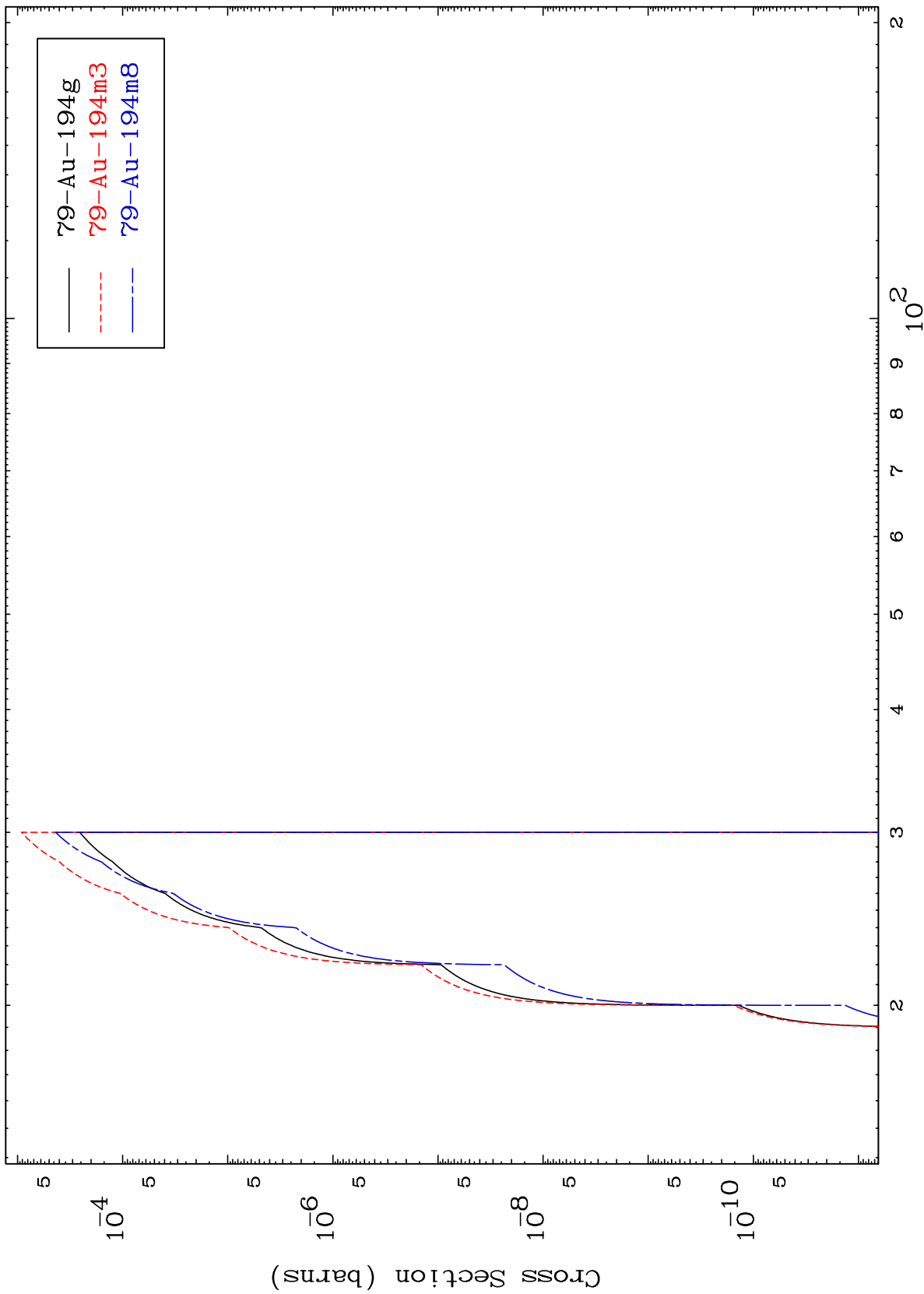
⁷⁹Au-197m

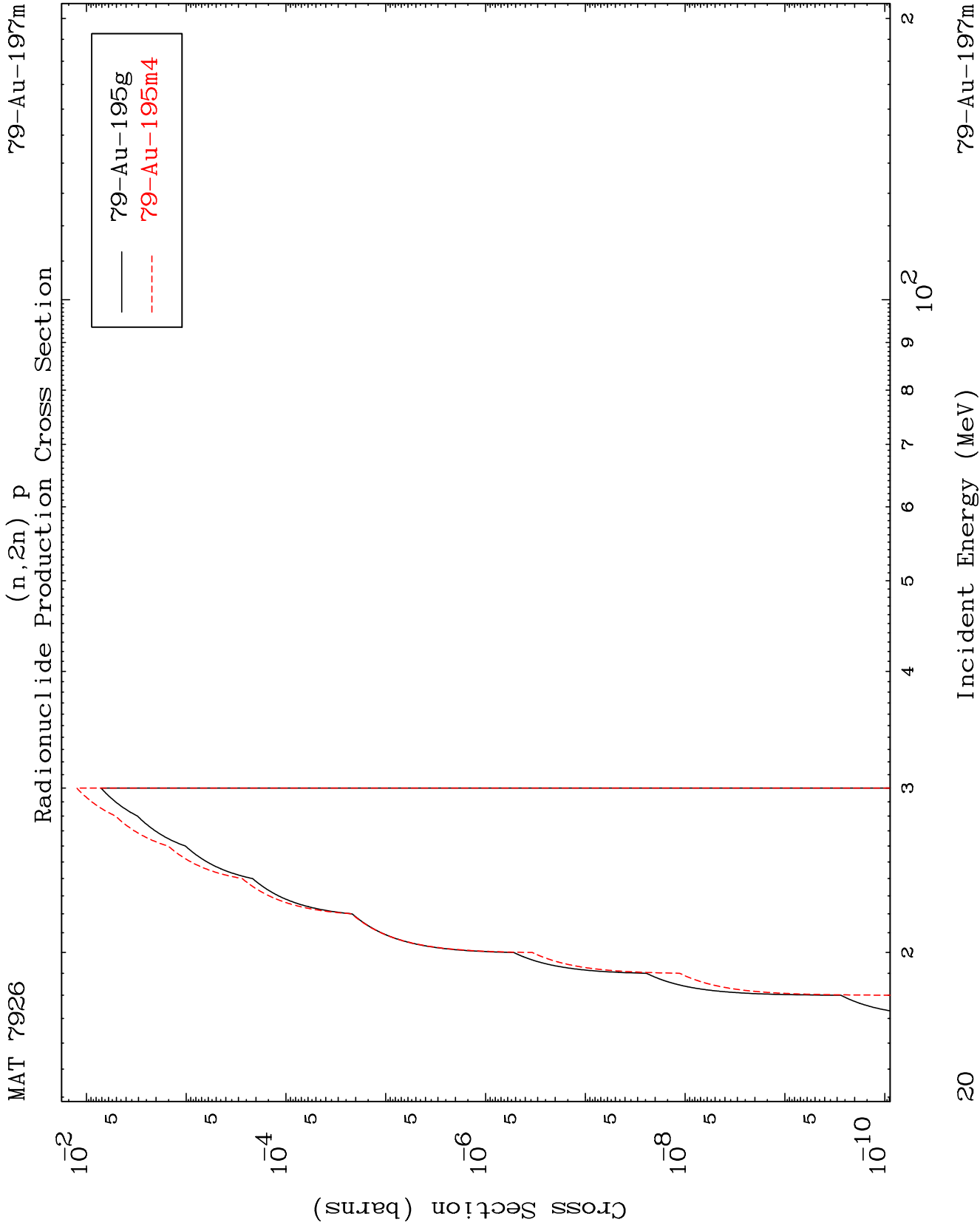


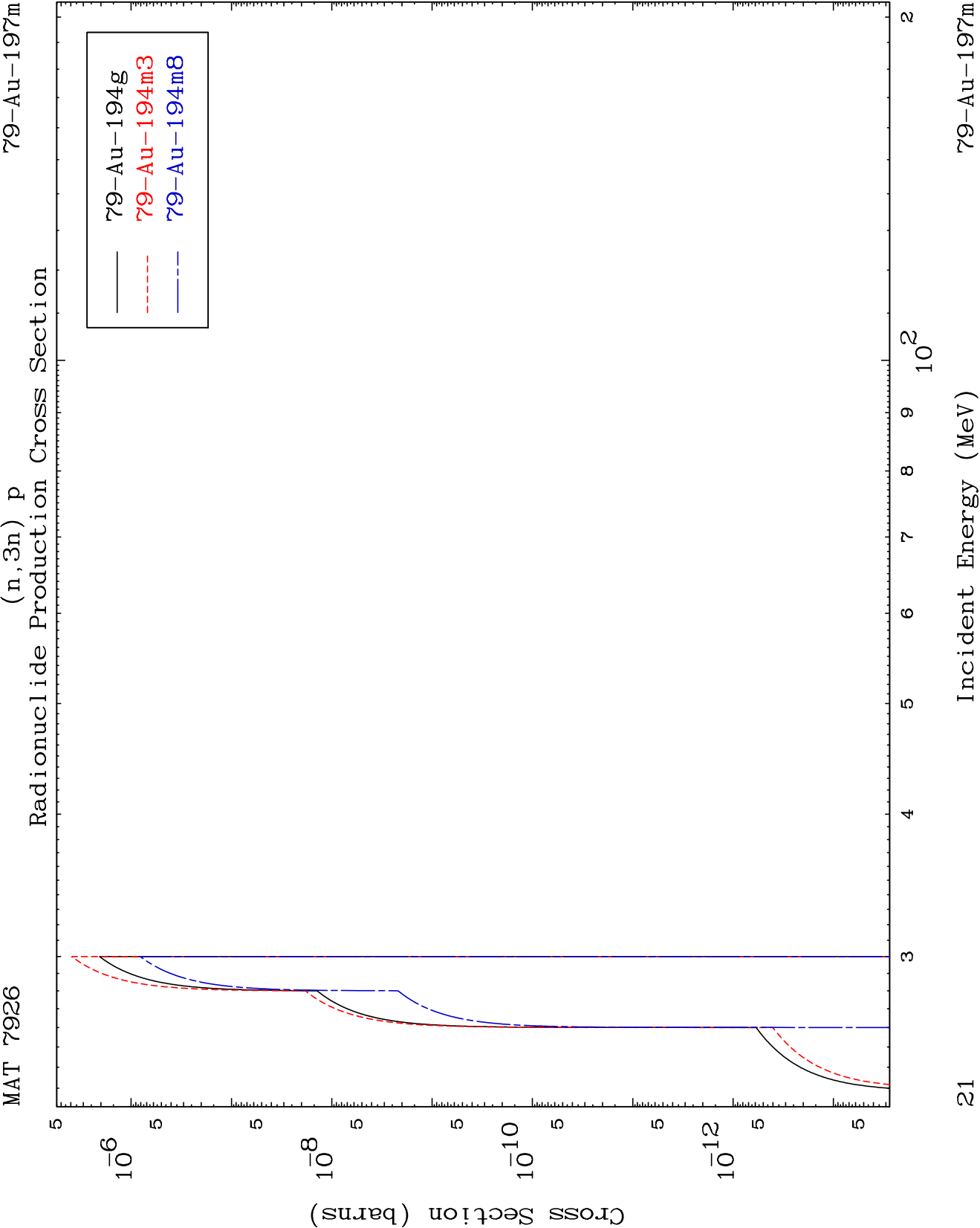




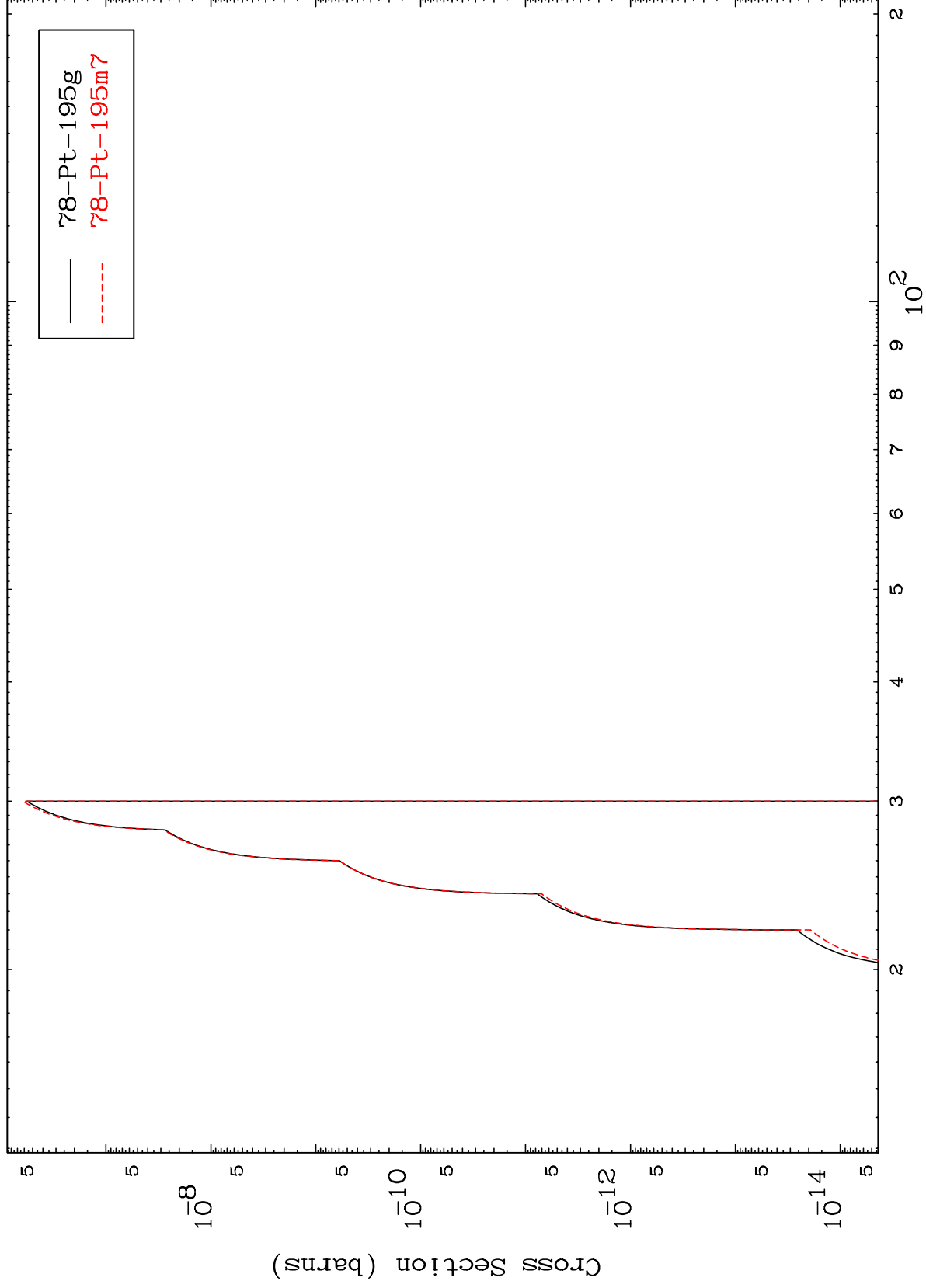
Radionuclide Production Cross Section







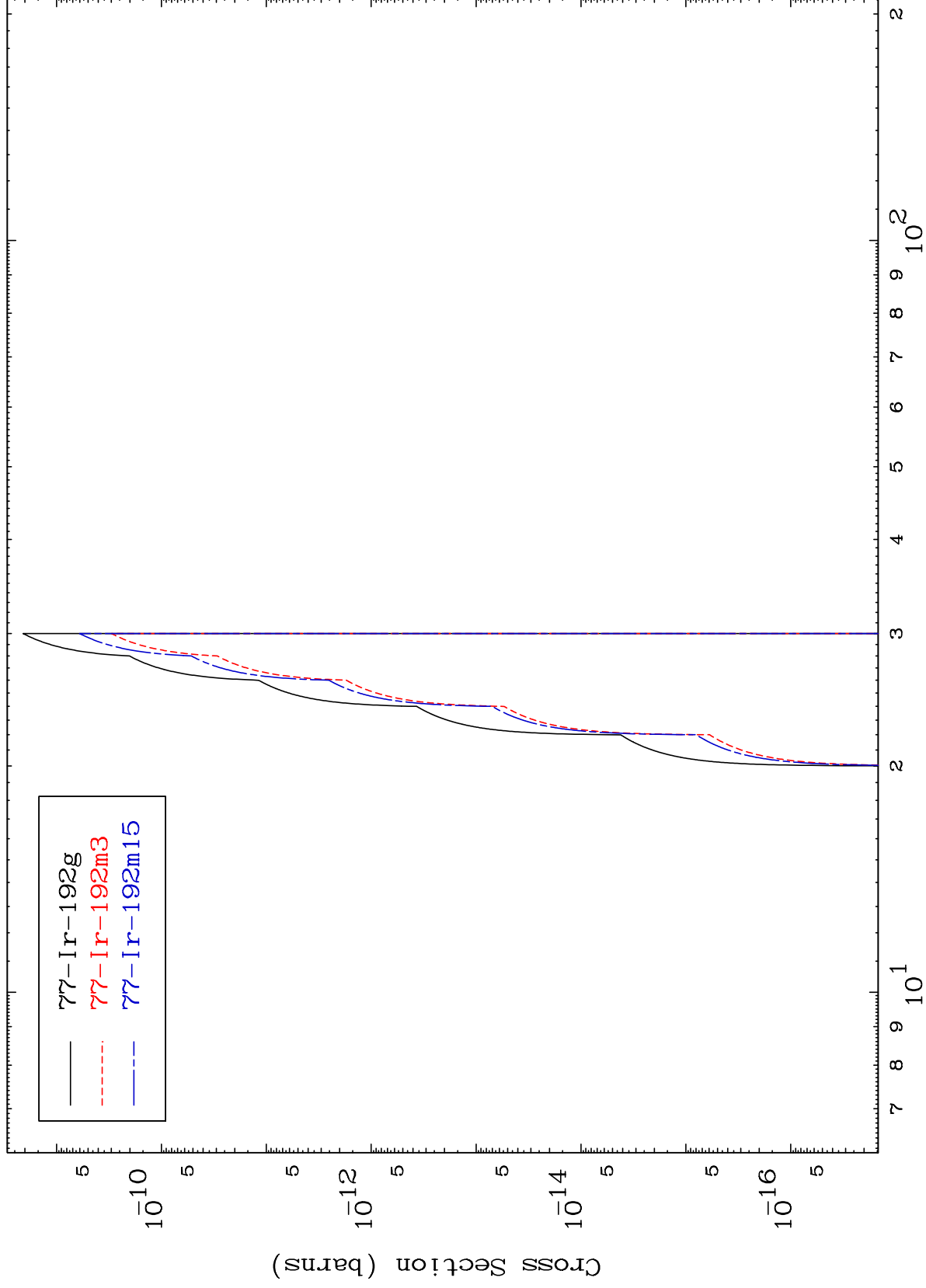
(n,2n) p
Radionuclide Production Cross Section



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$^{79}\text{Au-197m}$

$(n,n')\ p\ \alpha$
Radionuclide Production Cross Section



23

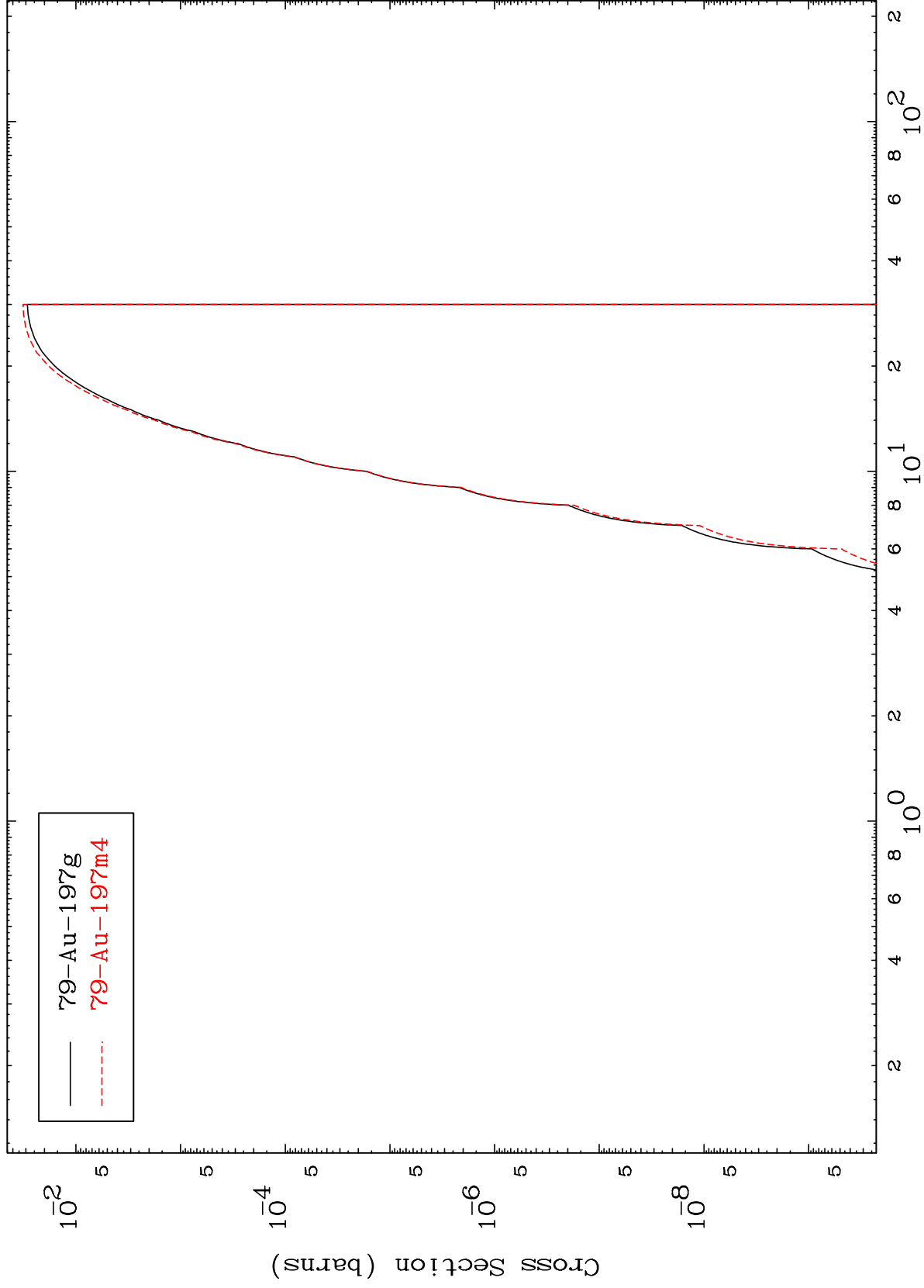
Incident Energy (MeV)

$^{79}\text{Au-197m}$

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$^{79}\text{Au-197m}$

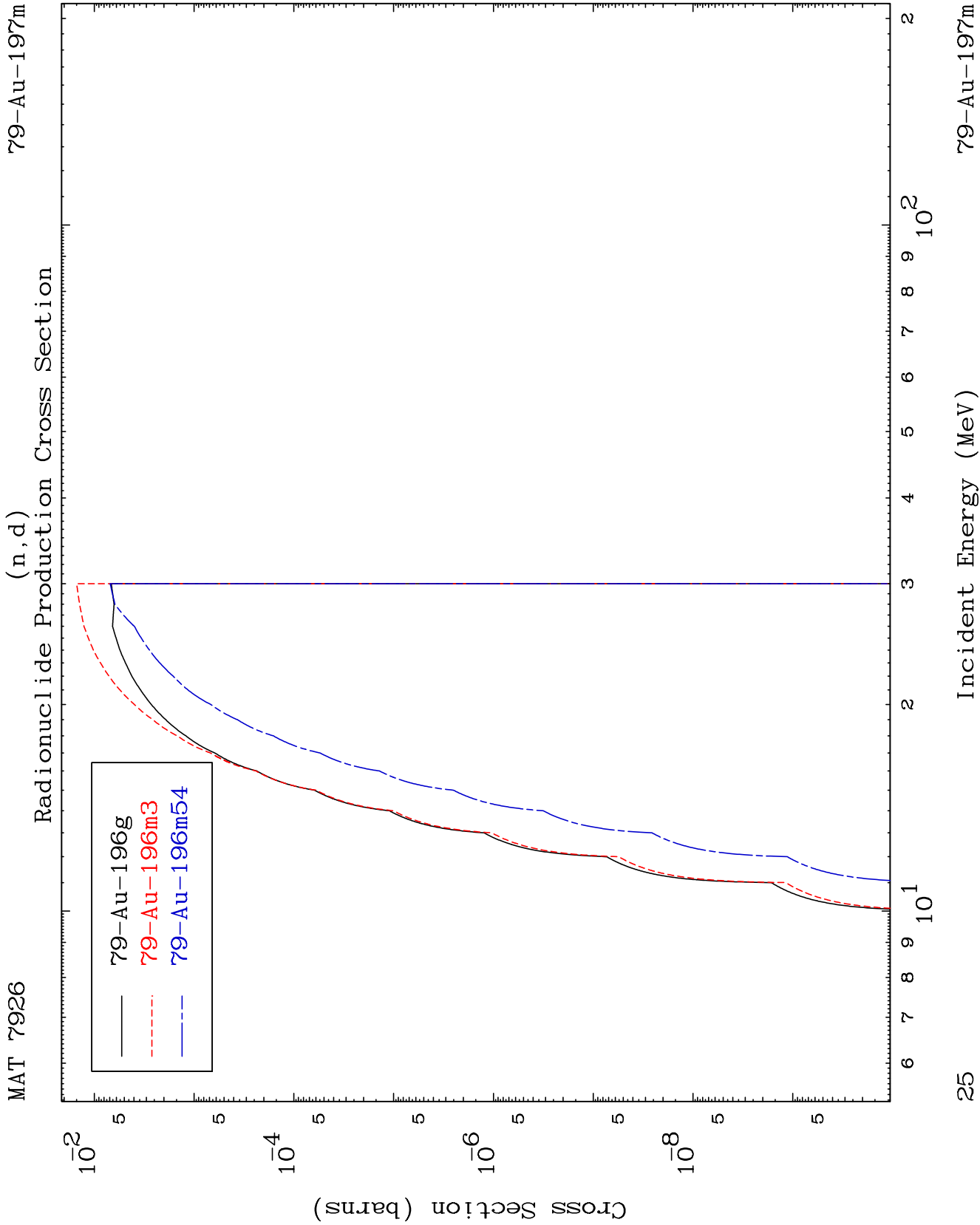
Radionuclide Production Cross Section



24

Incident Energy (MeV)

$^{79}\text{Au-197m}$

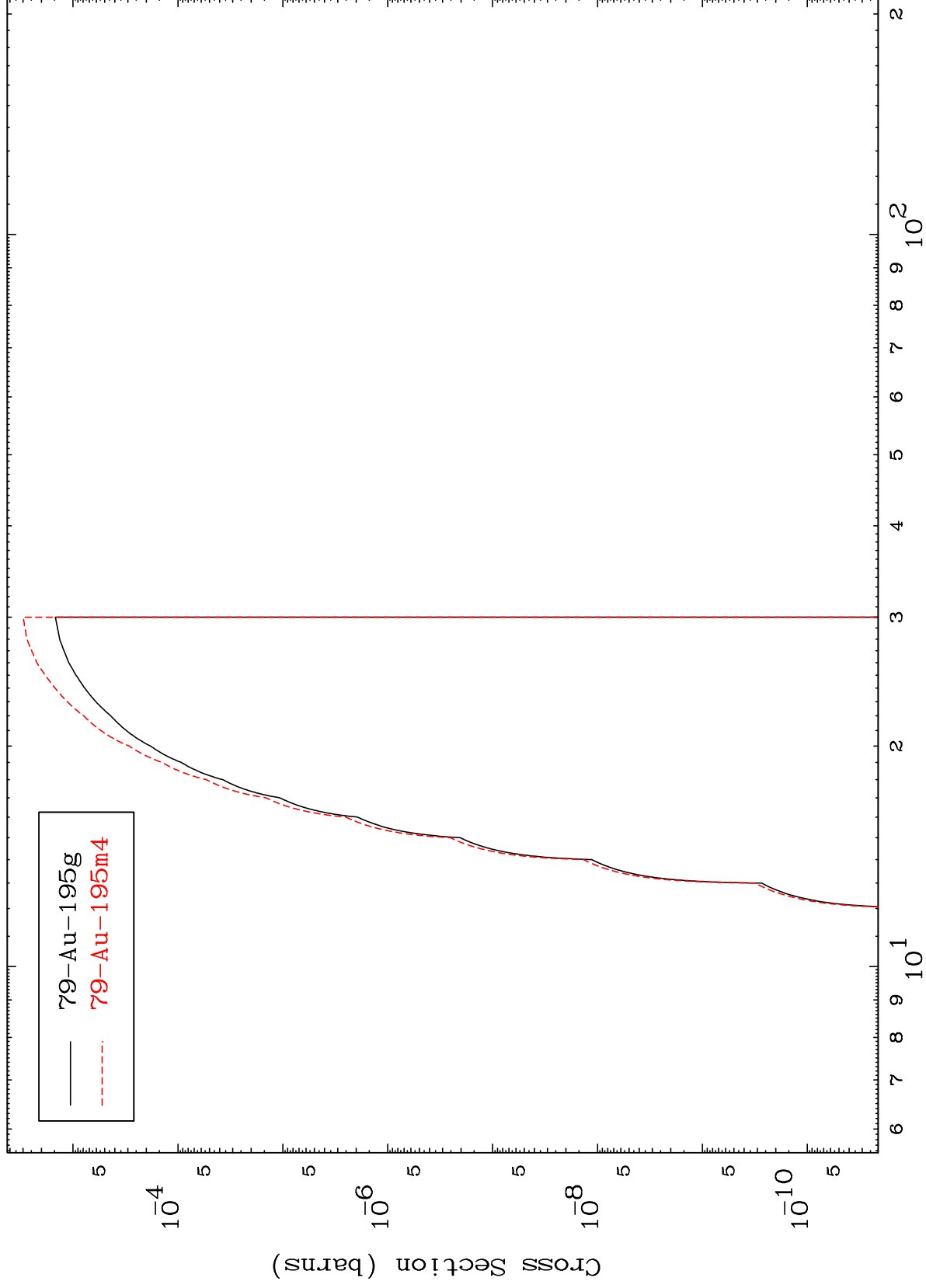


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$^{79}\text{Au-197m}$

Radionuclide Production Cross Section

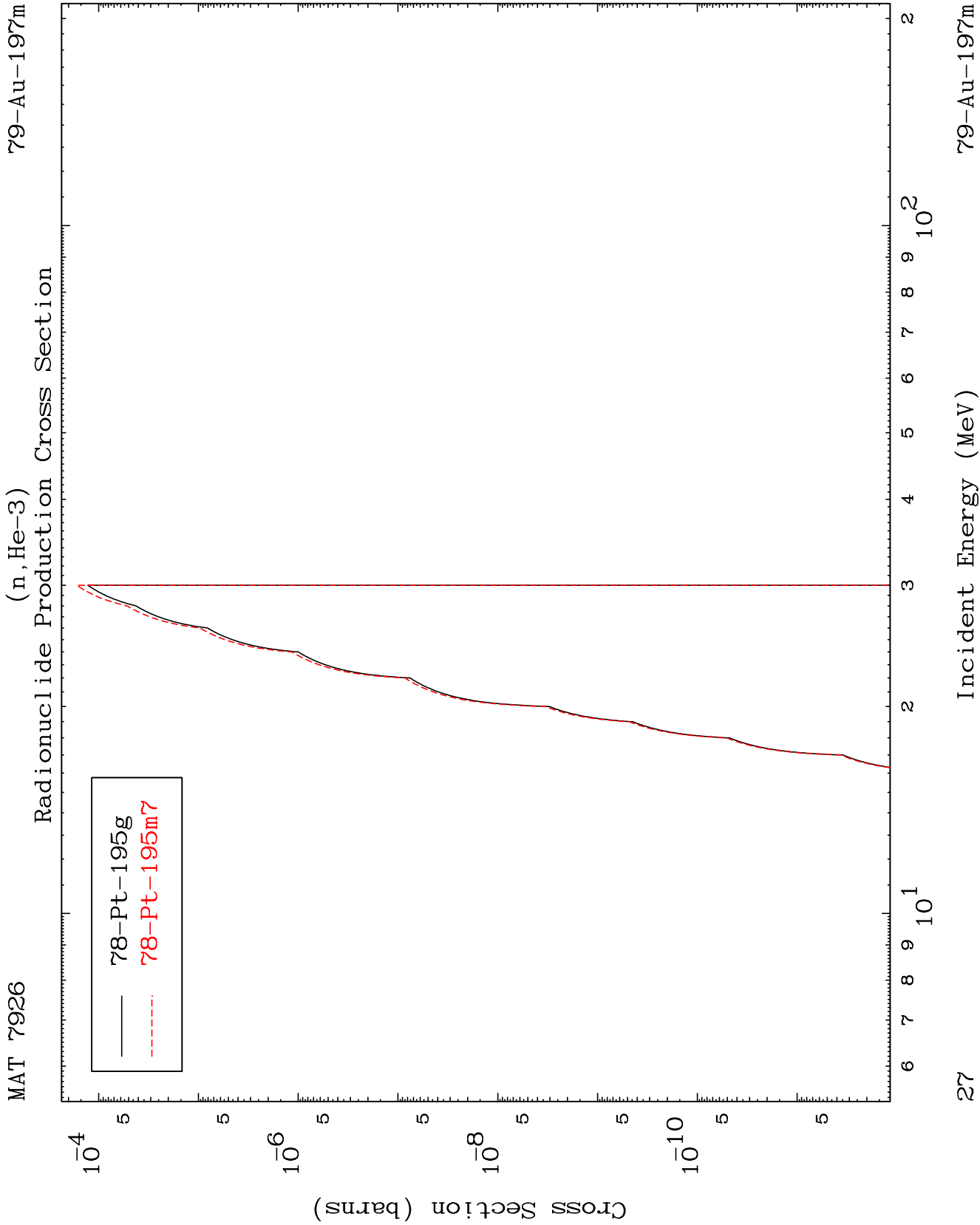
(n,t)



26

Incident Energy (MeV)

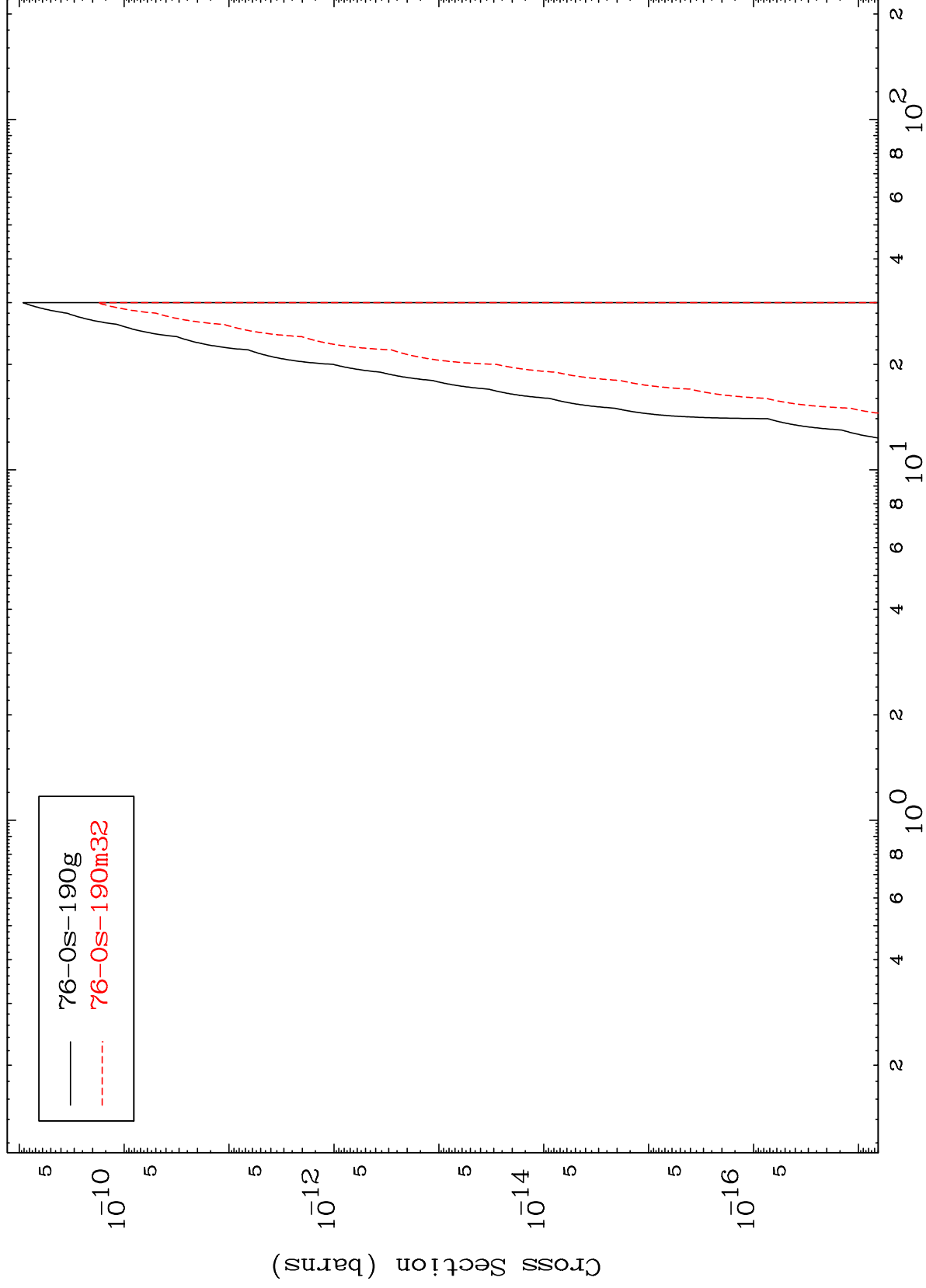
$^{79}\text{Au-197m}$



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$^{79}\text{Au-197m}$

Radionuclide Production Cross Section



28

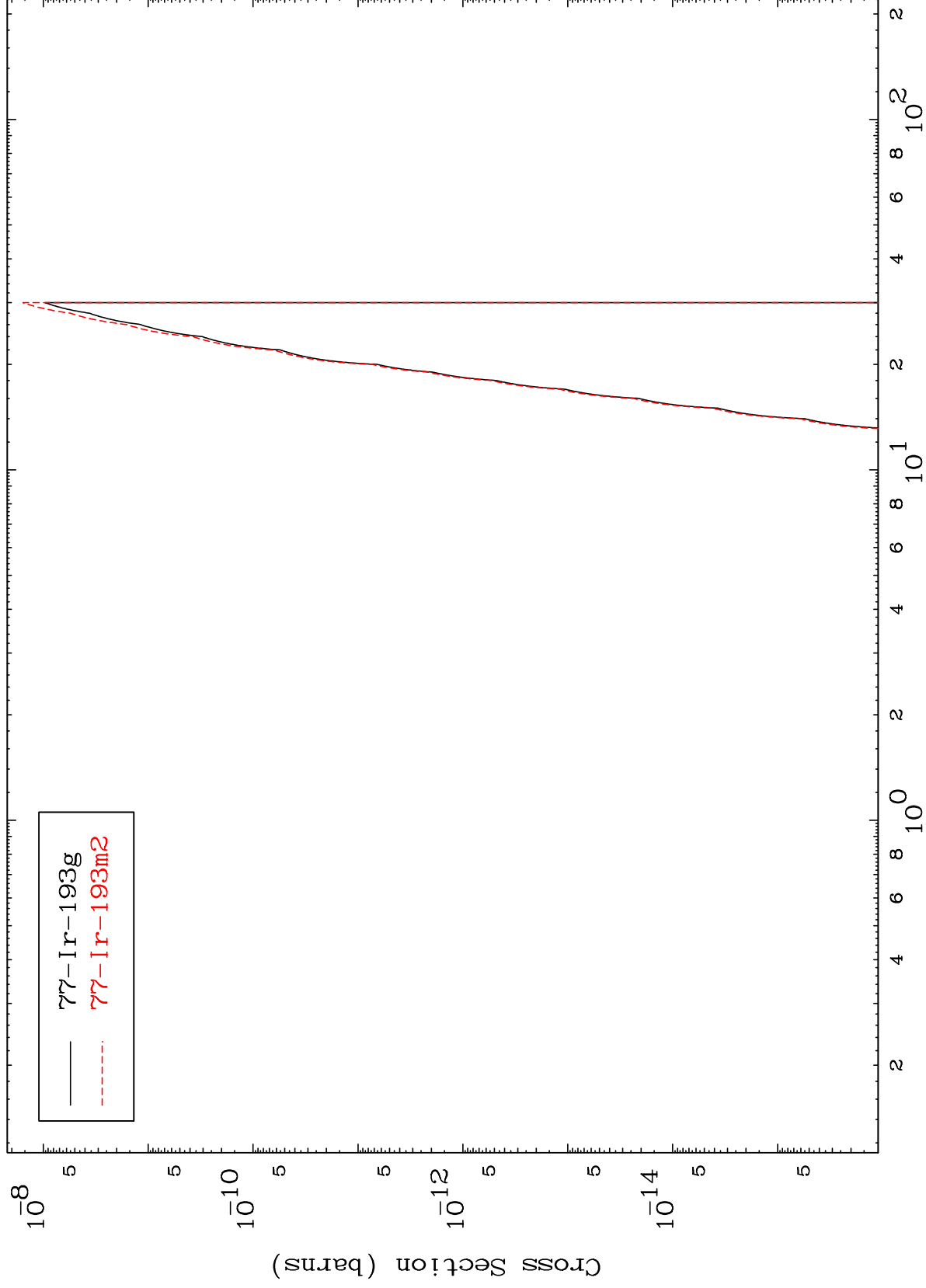
Incident Energy (MeV)

$^{79}\text{Au-197m}$

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$^{79}\text{Au-197m}$

$(n,p) \alpha$
Radionuclide Production Cross Section



29

Incident Energy (MeV)

$^{79}\text{Au-197m}$

