

Program EVALPLOT
(Version 2021-1)

by

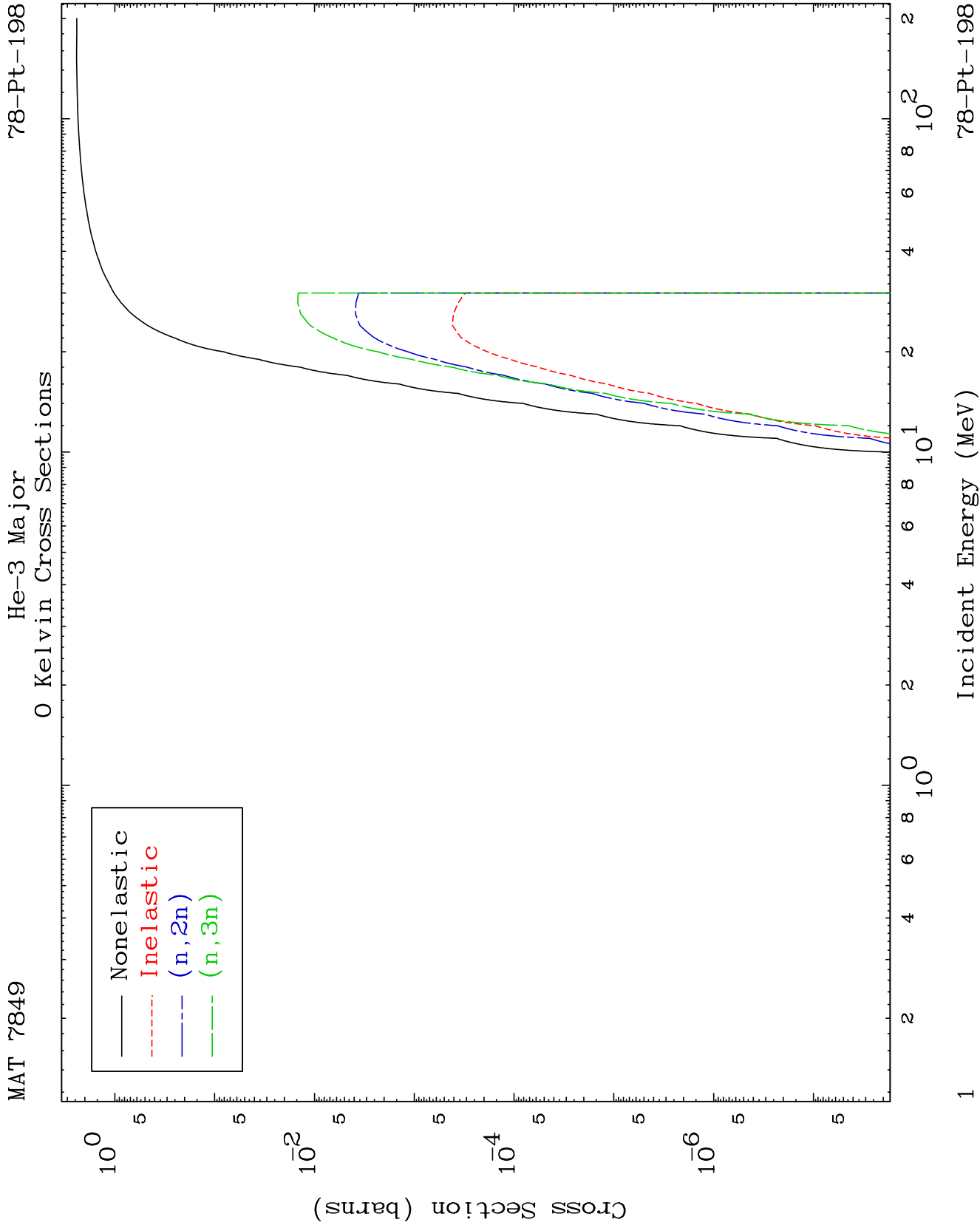
Dermott E. Cullen
(Present Contact Information)

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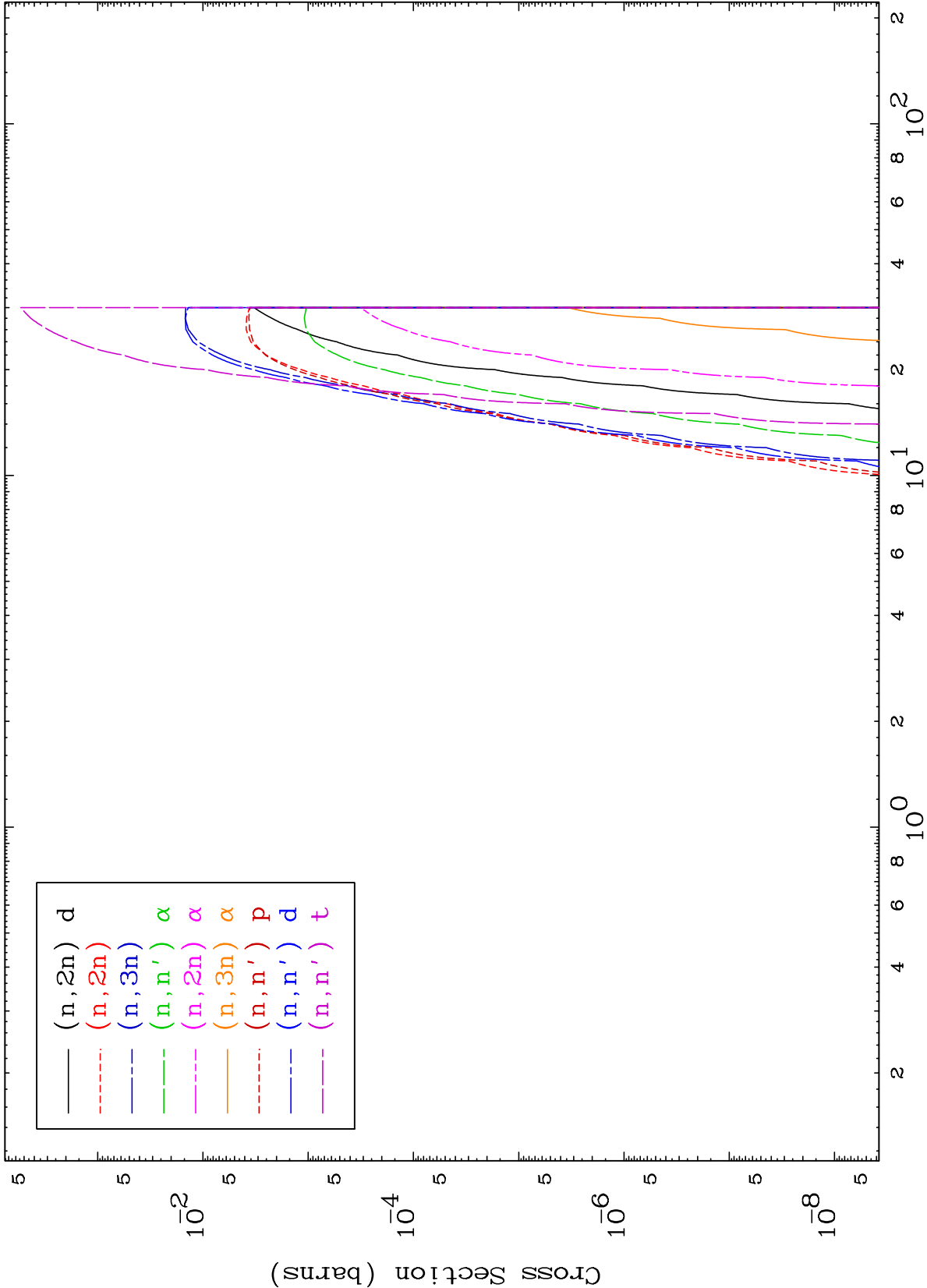
Press Mouse Button to Start

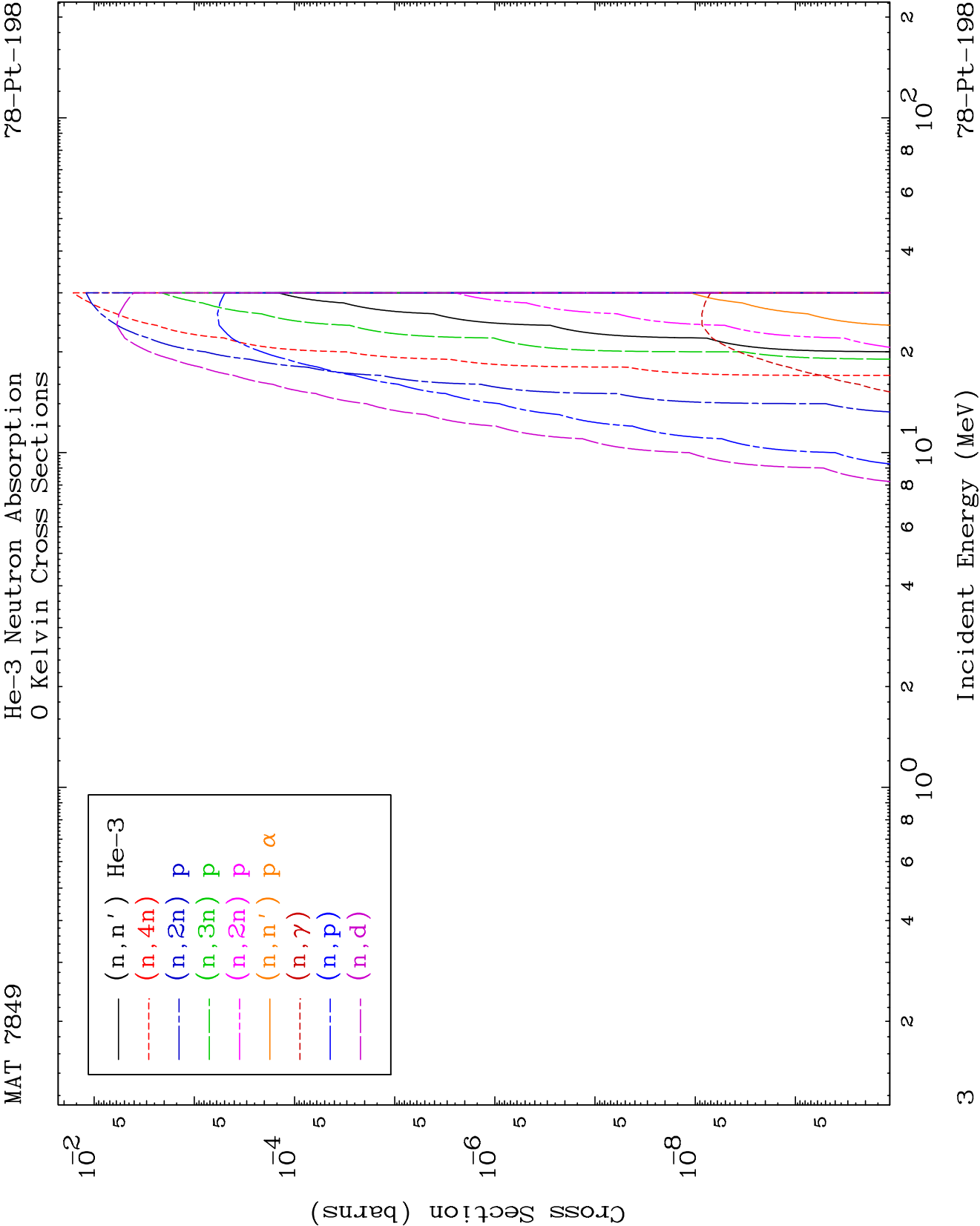


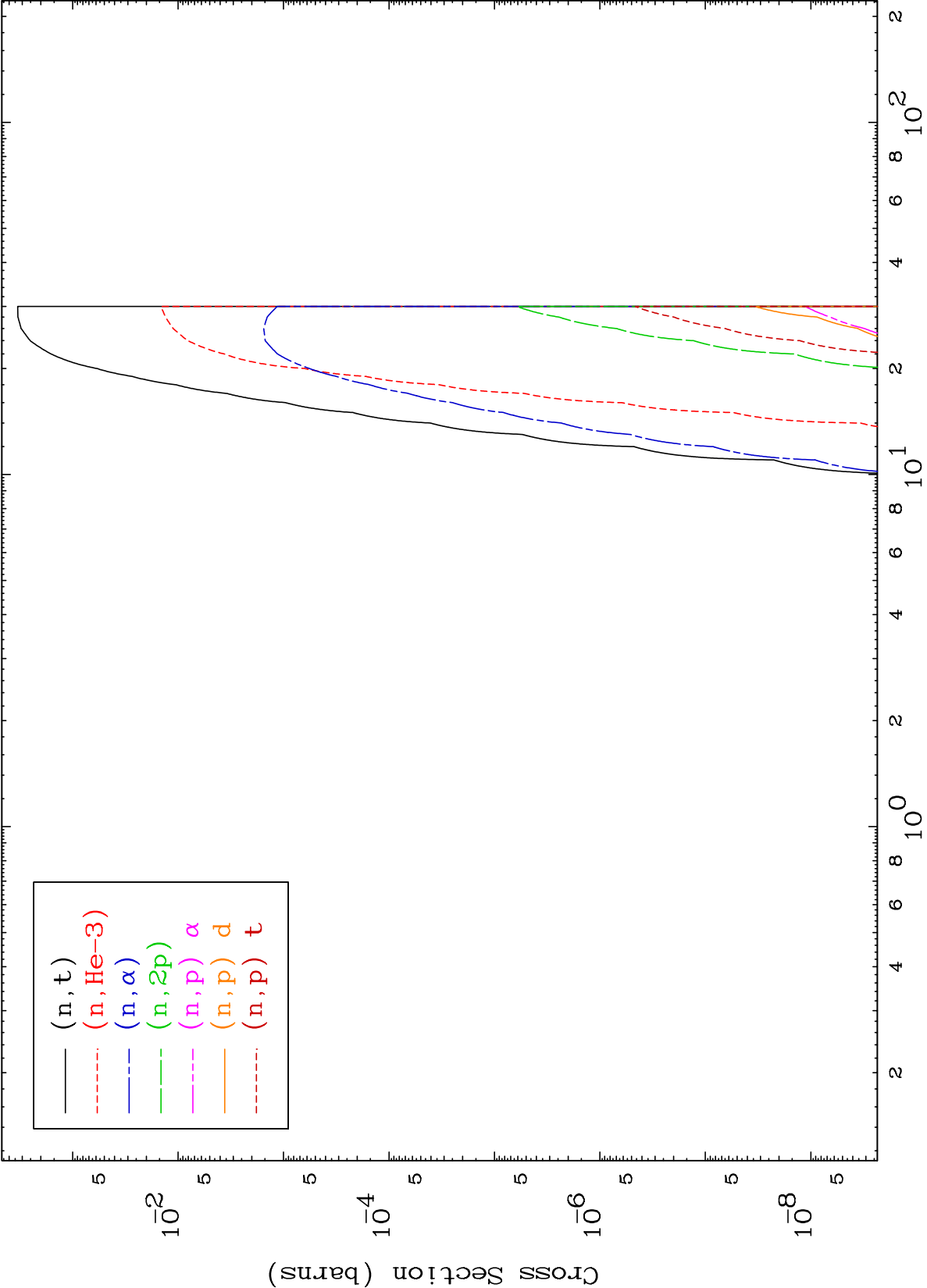
MAT 7849

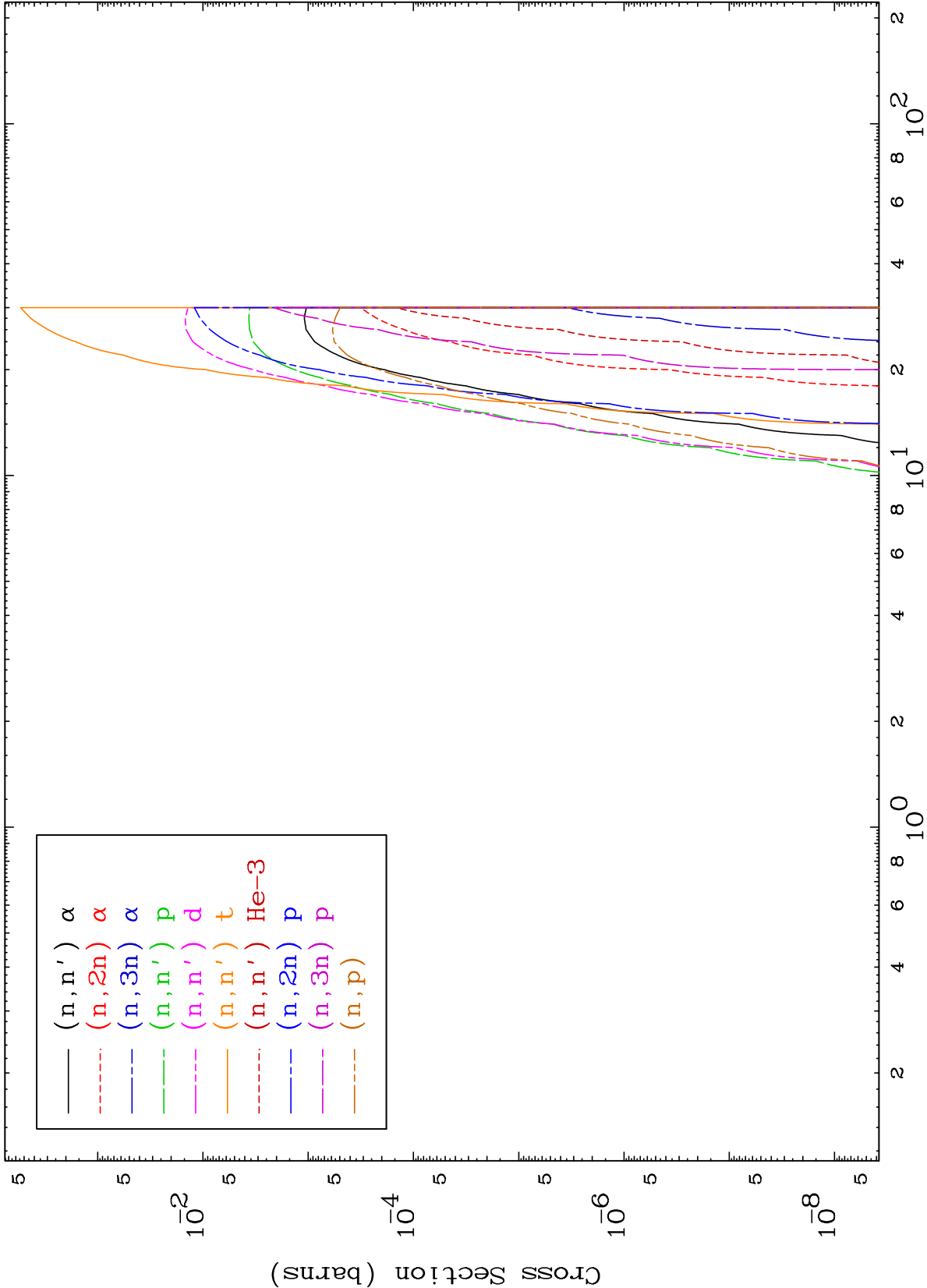
He-3 Neutron Absorption
0 Kelvin Cross Sections

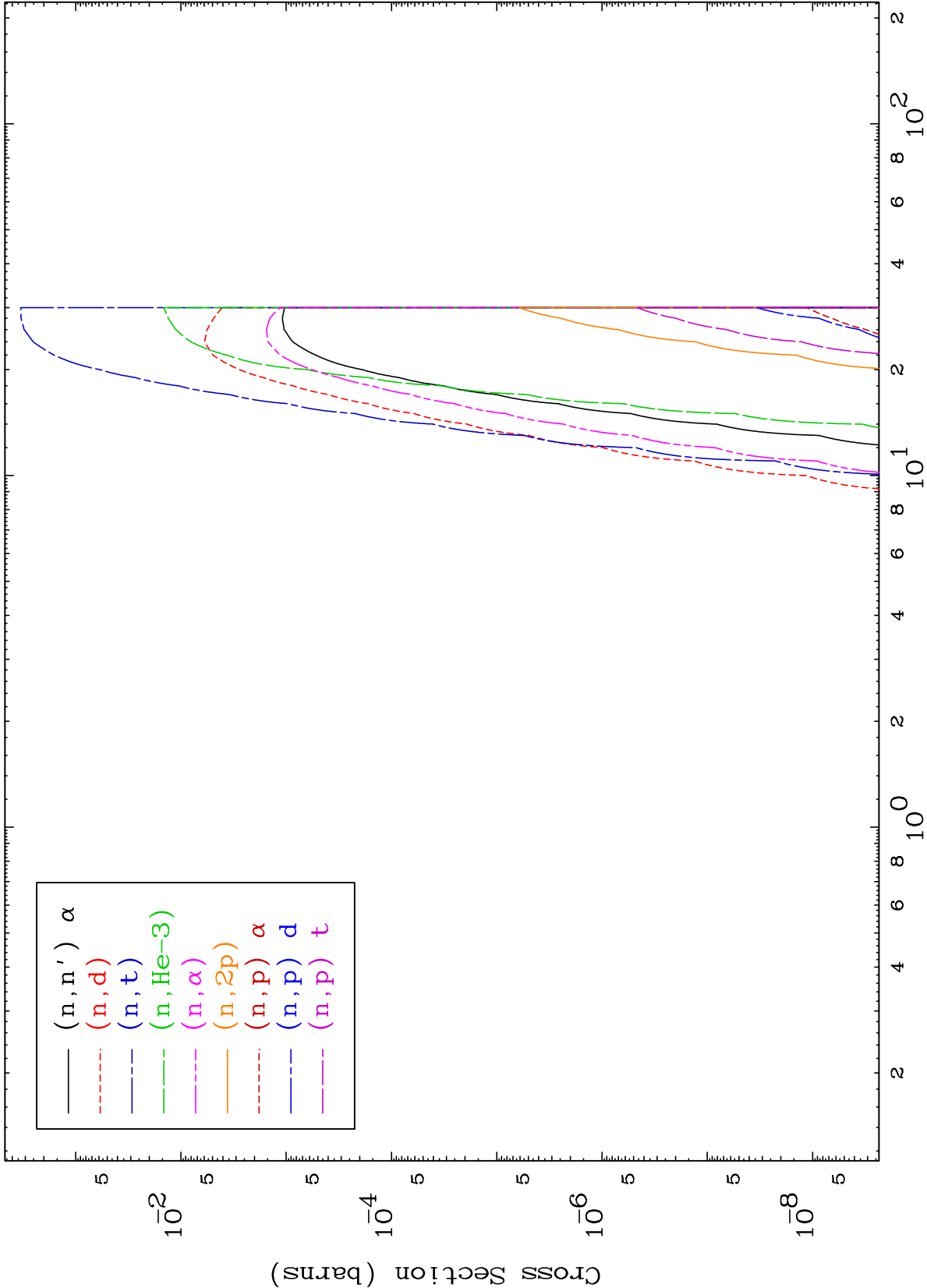
78-Pt-198







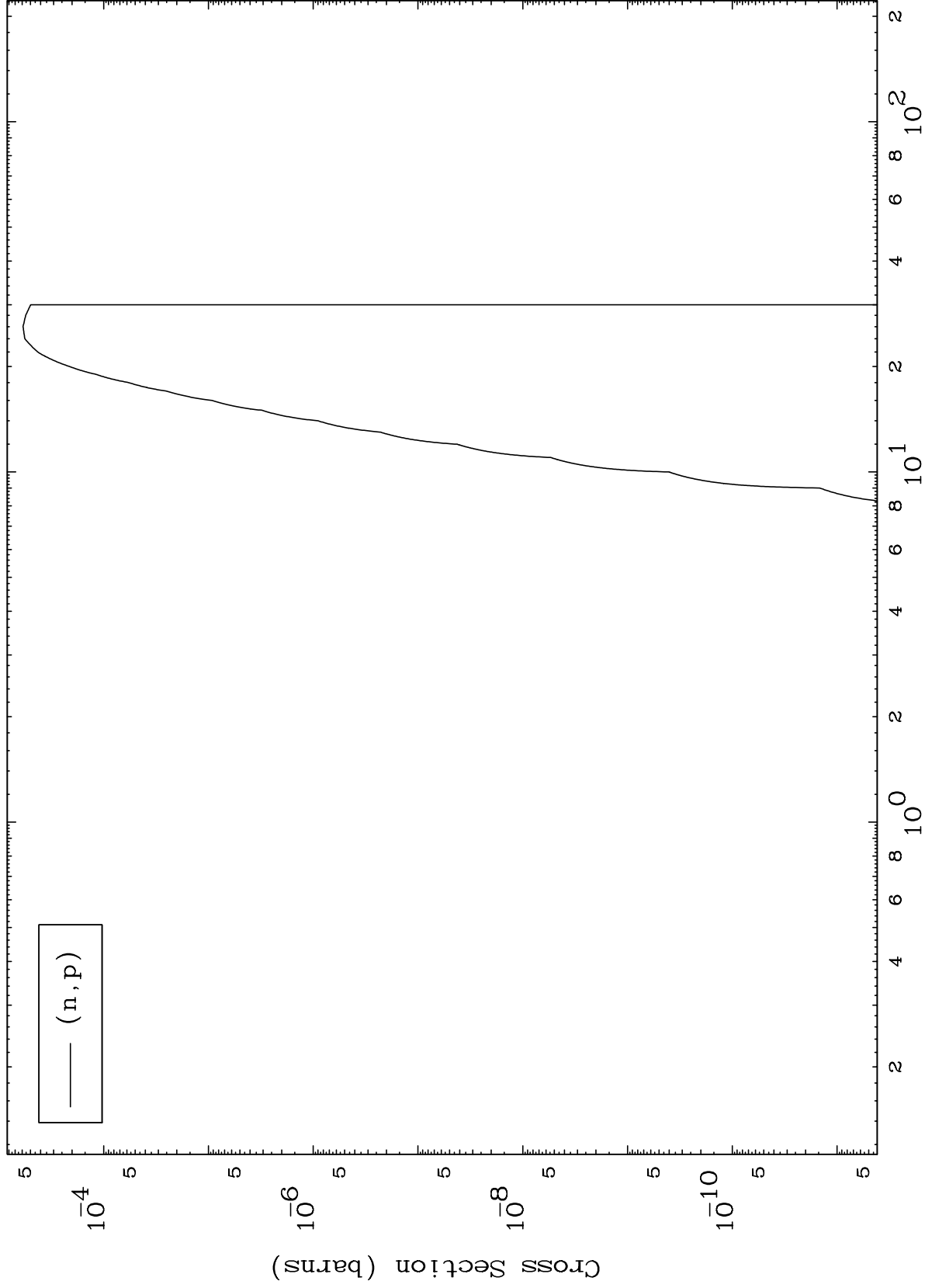




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78-Pt-198

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



— (n,p)

78-Pt-198

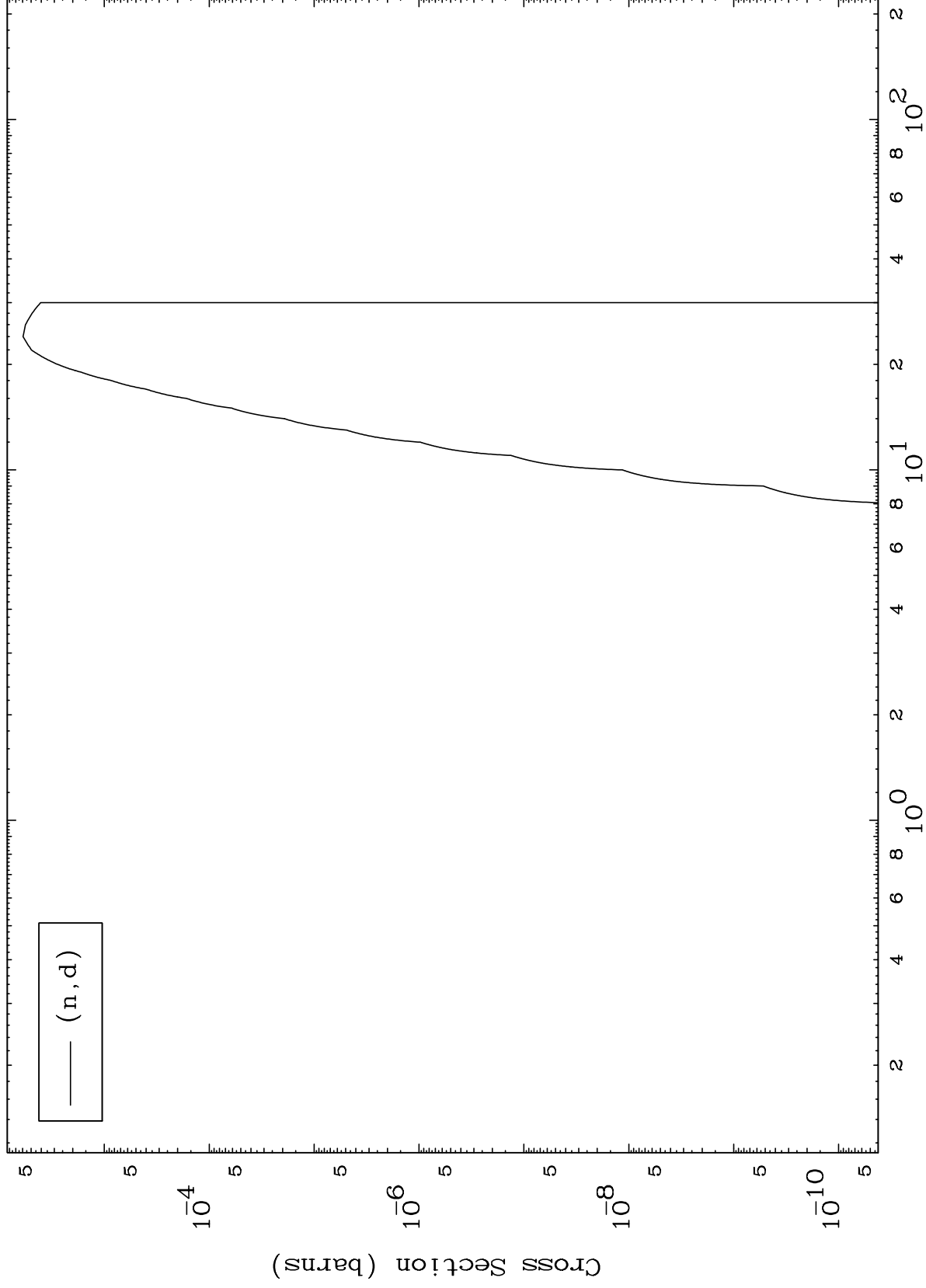
Incident Energy (MeV)

7

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78-Pt-198

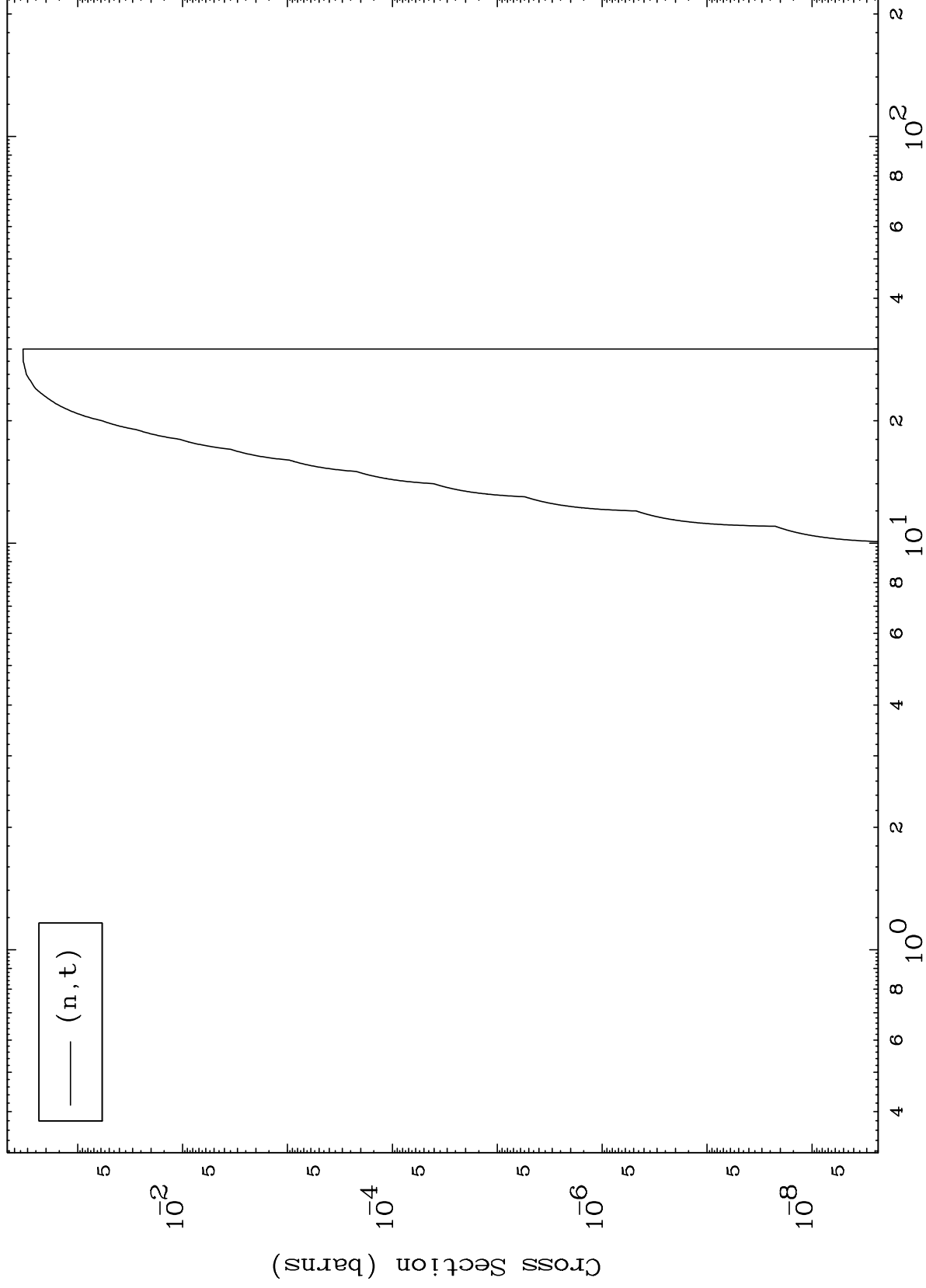
(He-3,d) Levels
0 Kelvin Cross Sections



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78-Pt-198

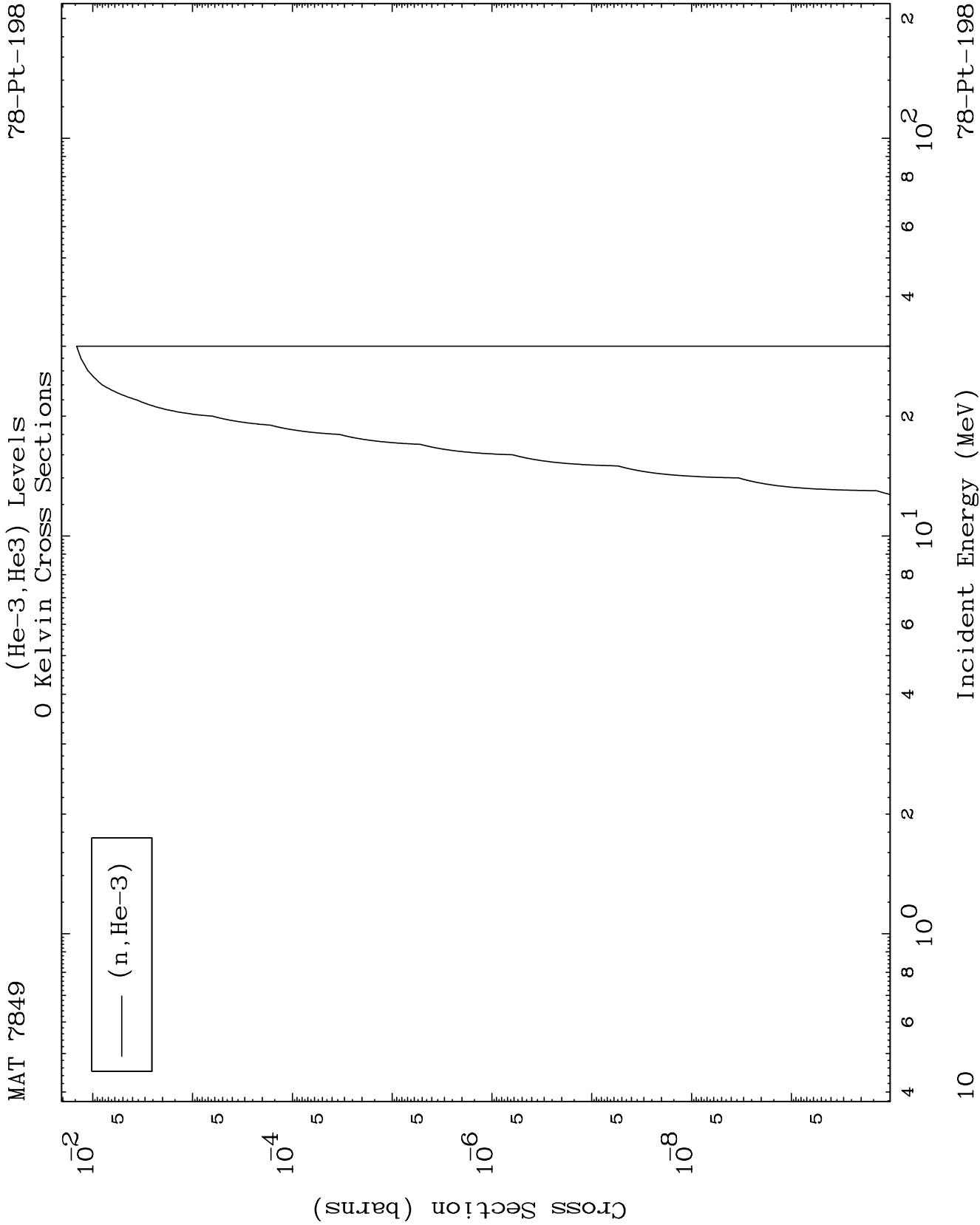
(He-3,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

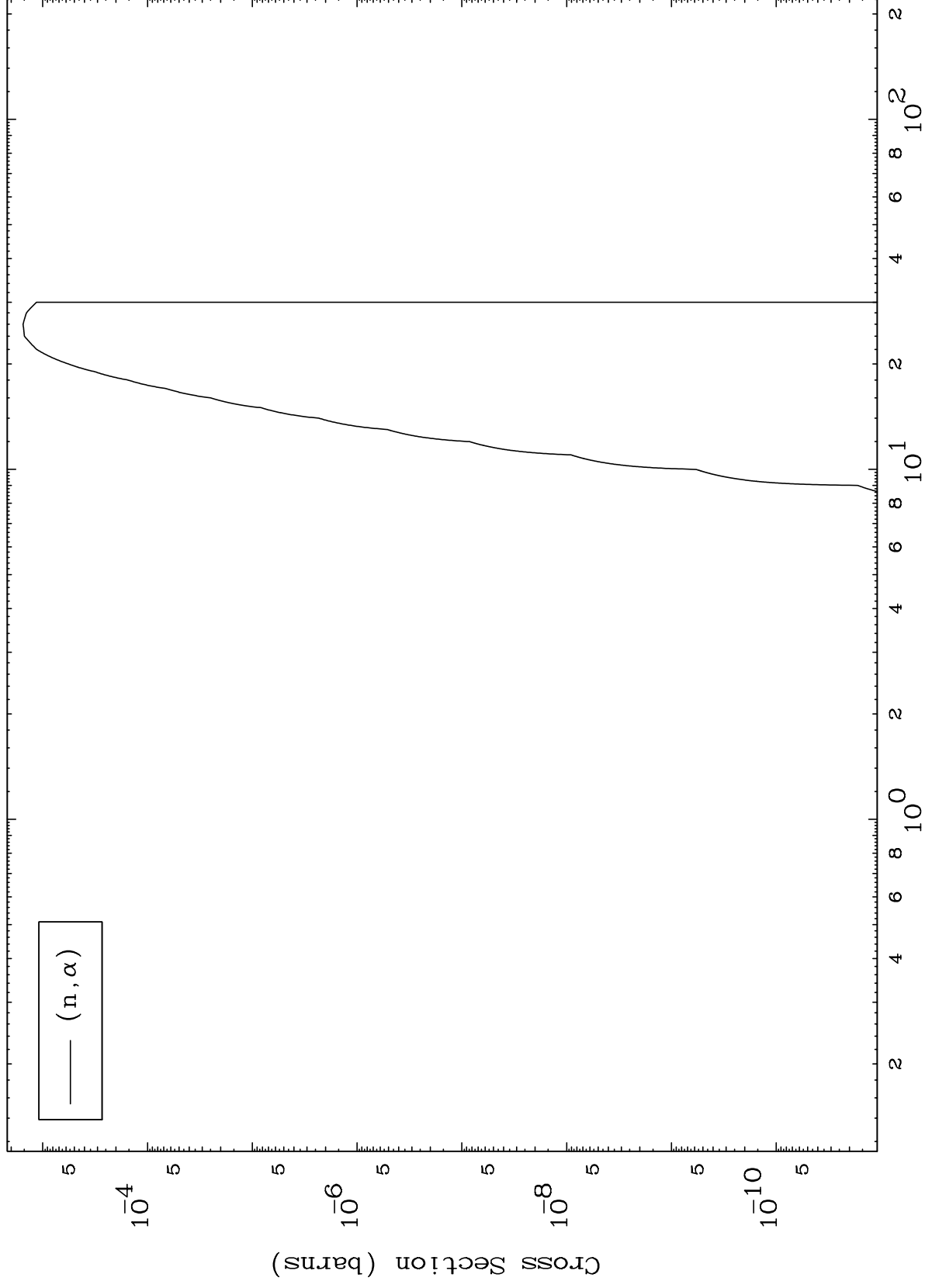
78-Pt-198



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78-Pt-198

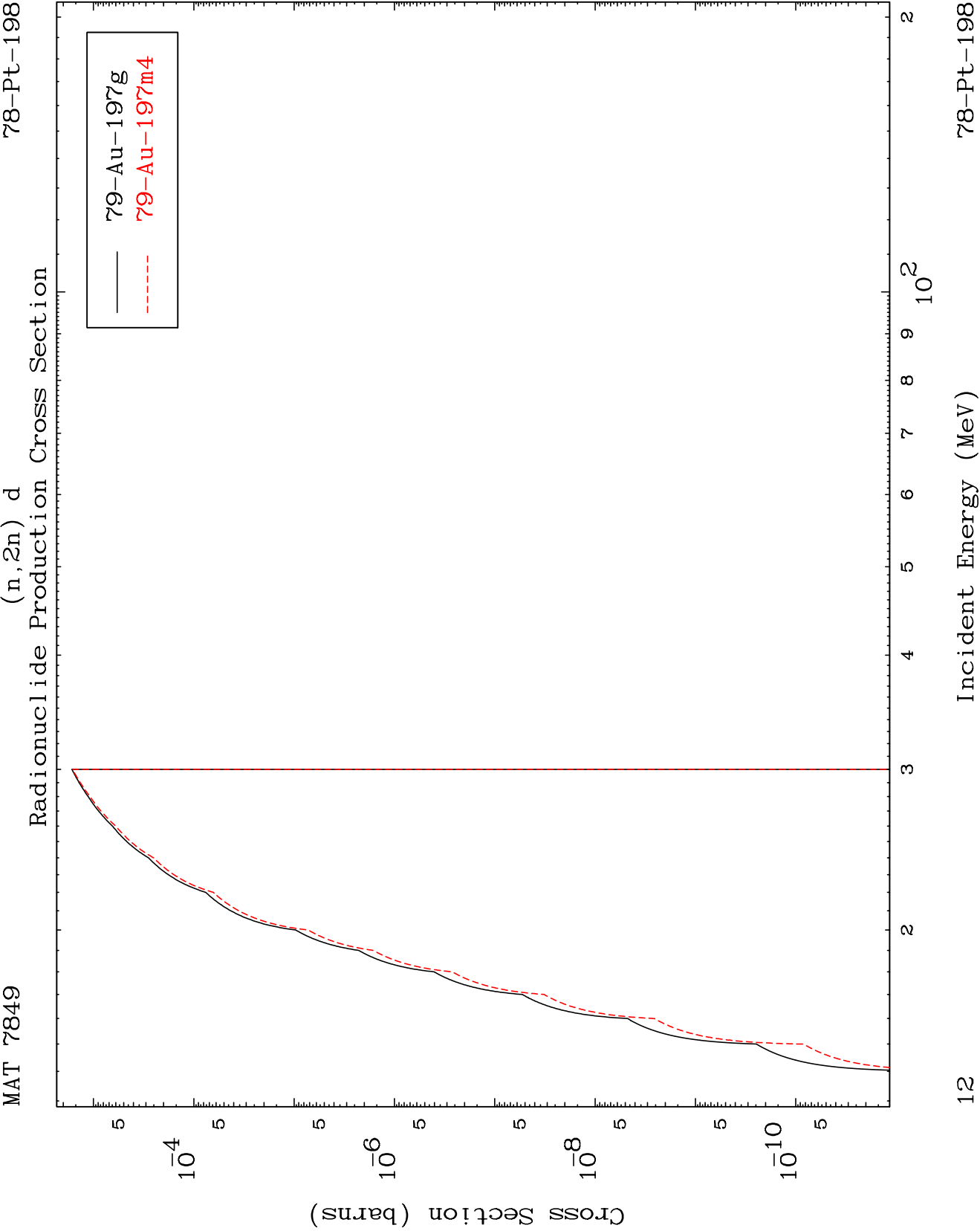
(He-3, α) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

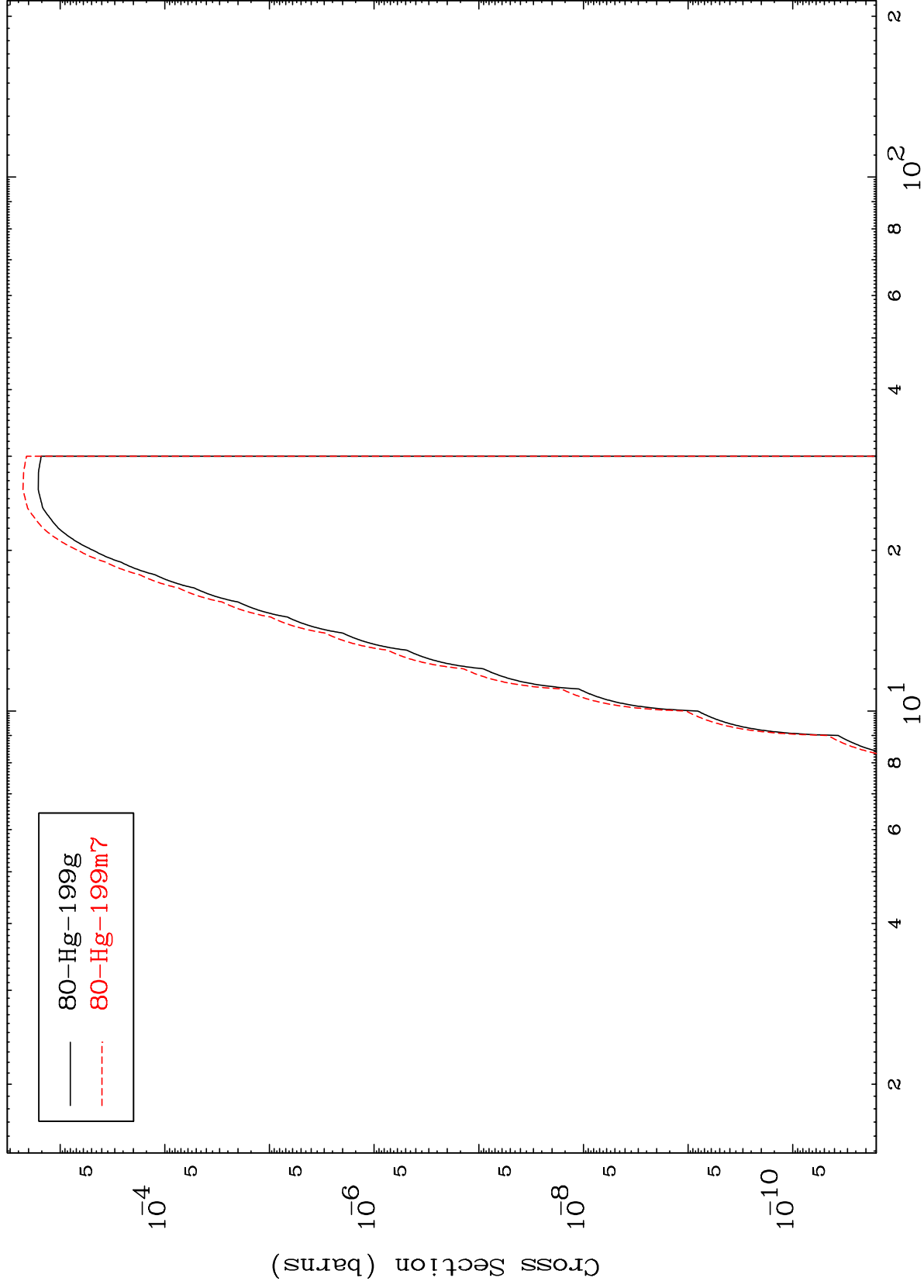
78-Pt-198



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78-Pt-198

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

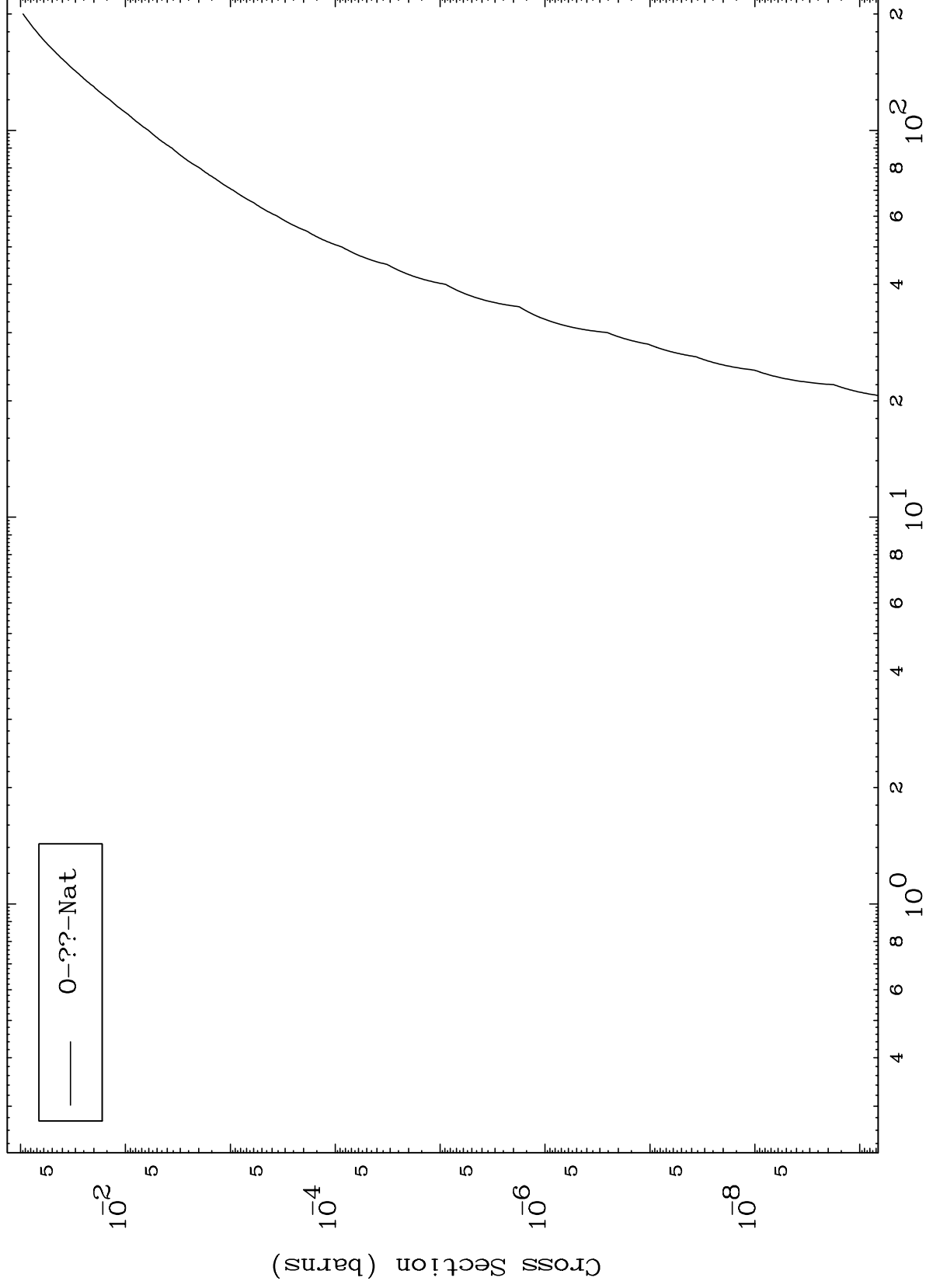
78-Pt-198

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Fission

78-Pt-198

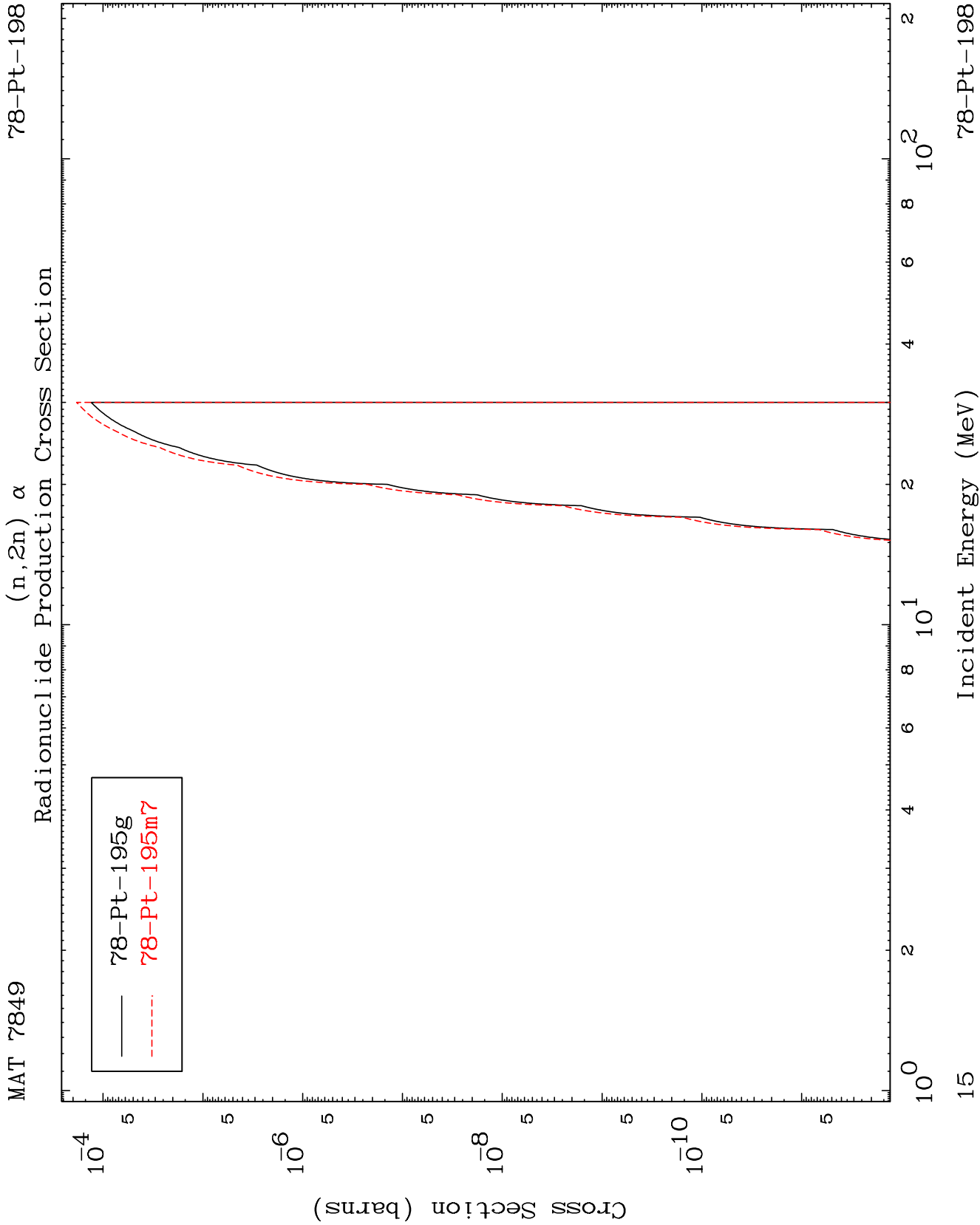
Radionuclide Production Cross Section



14

Incident Energy (MeV)

78-Pt-198

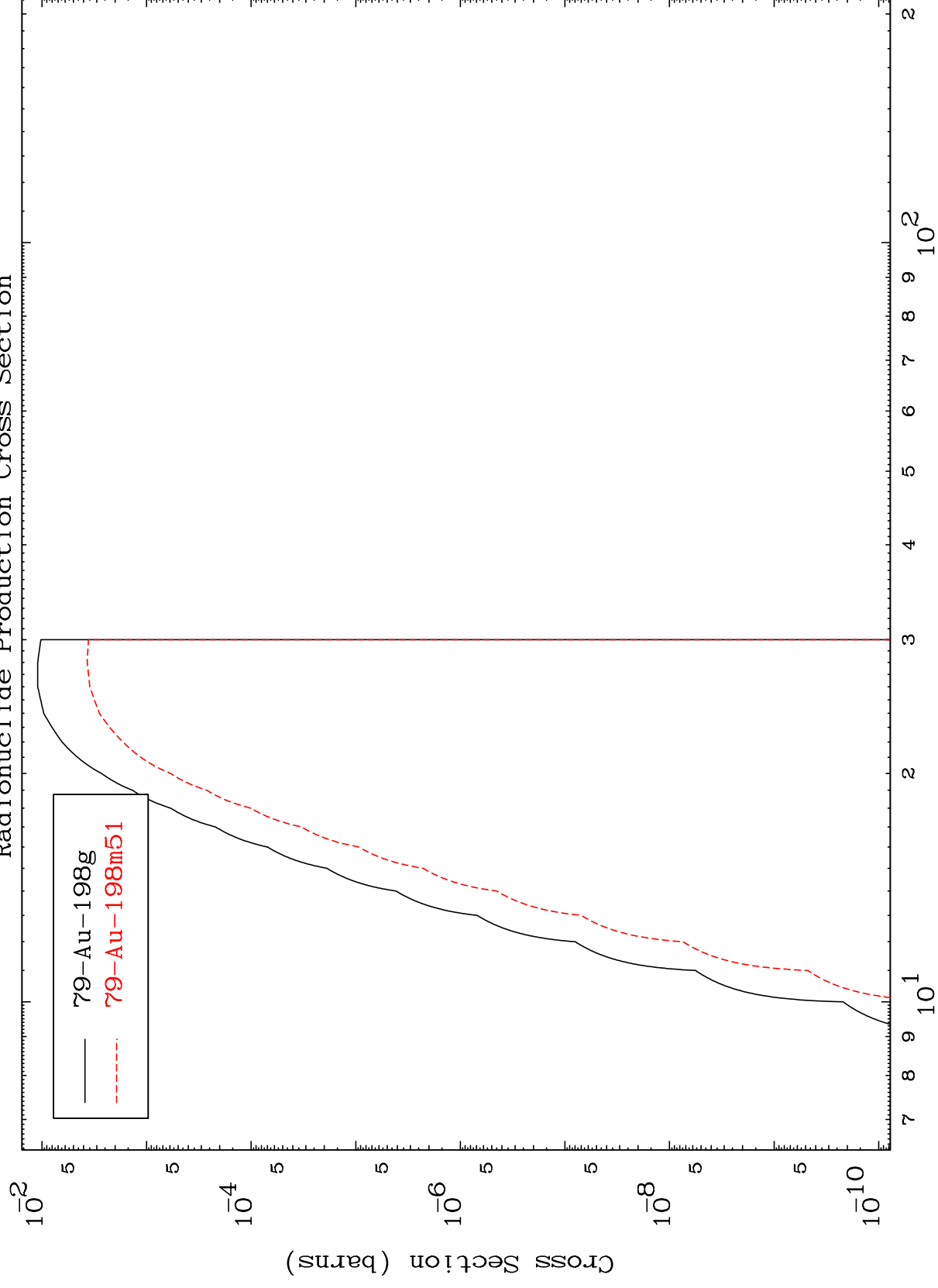


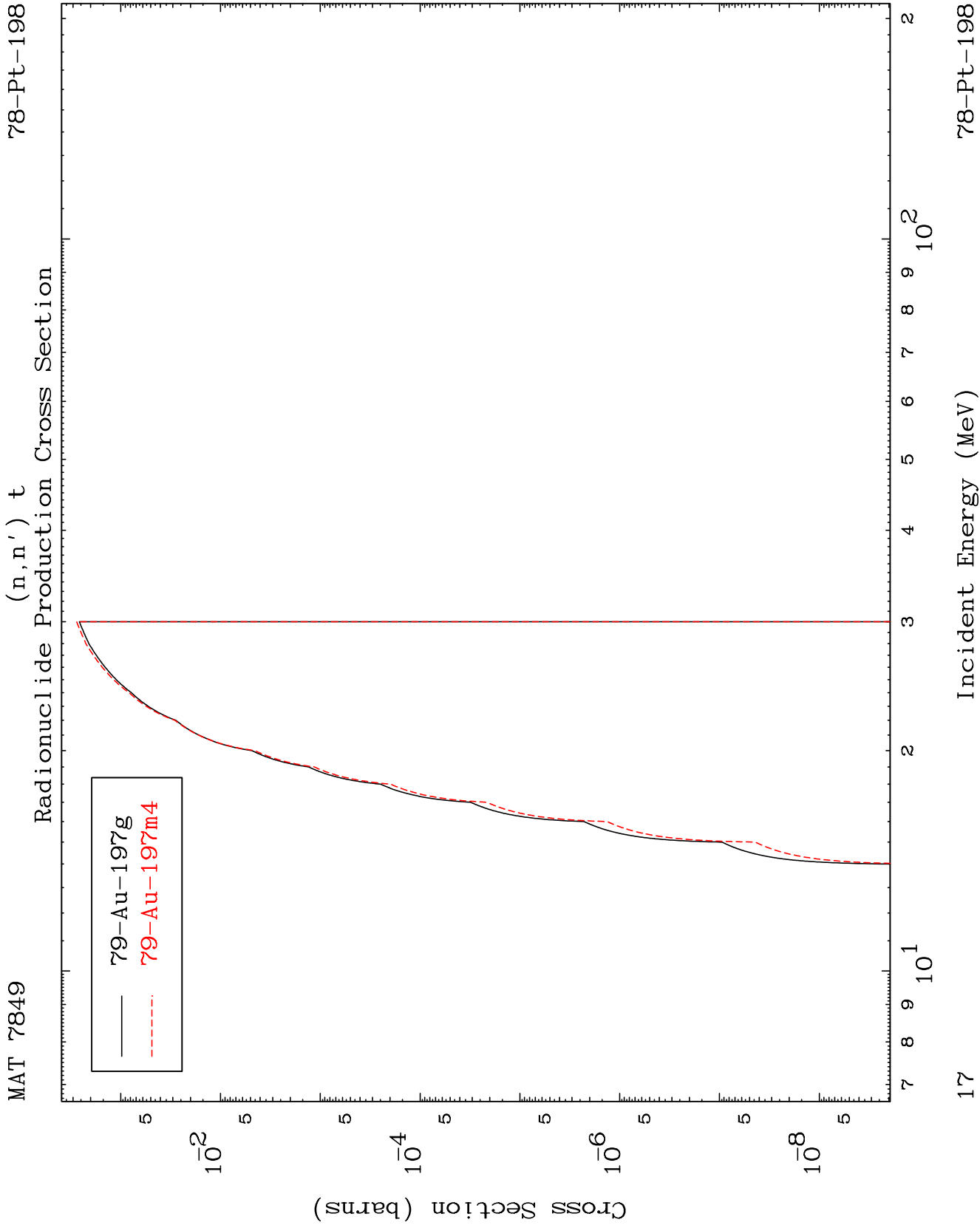
MAT 7849

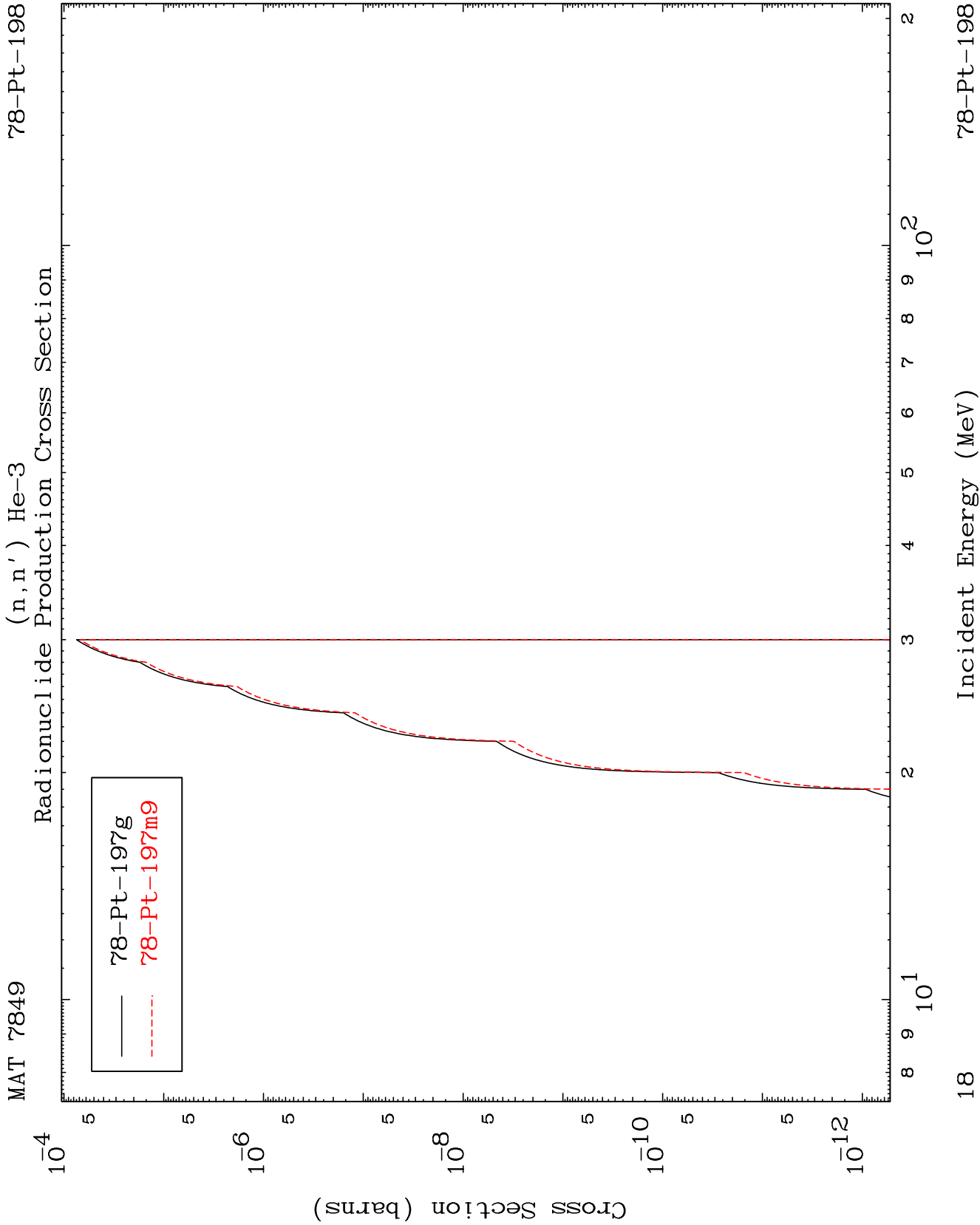
78-Pt-198

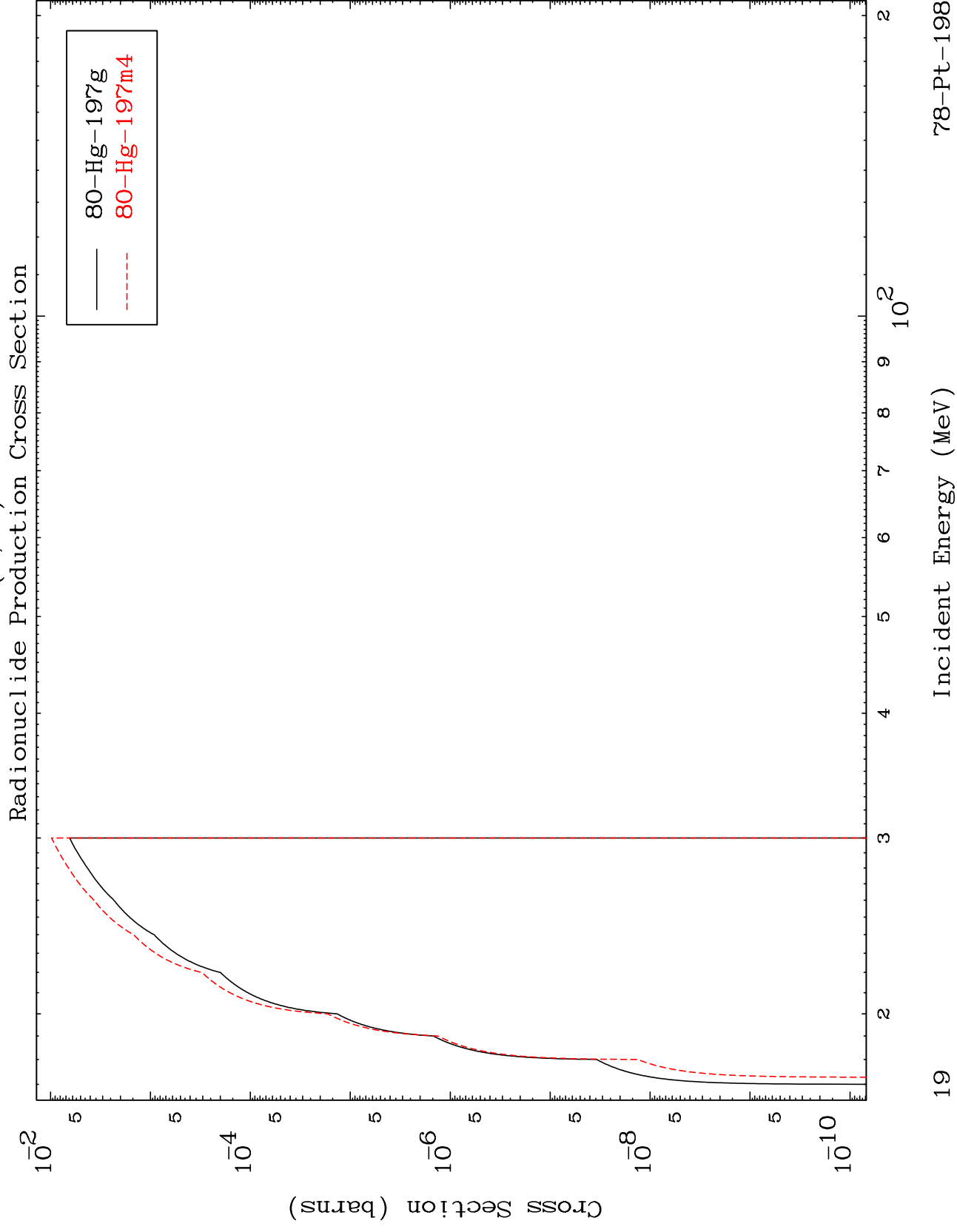
$$(n, n')$$

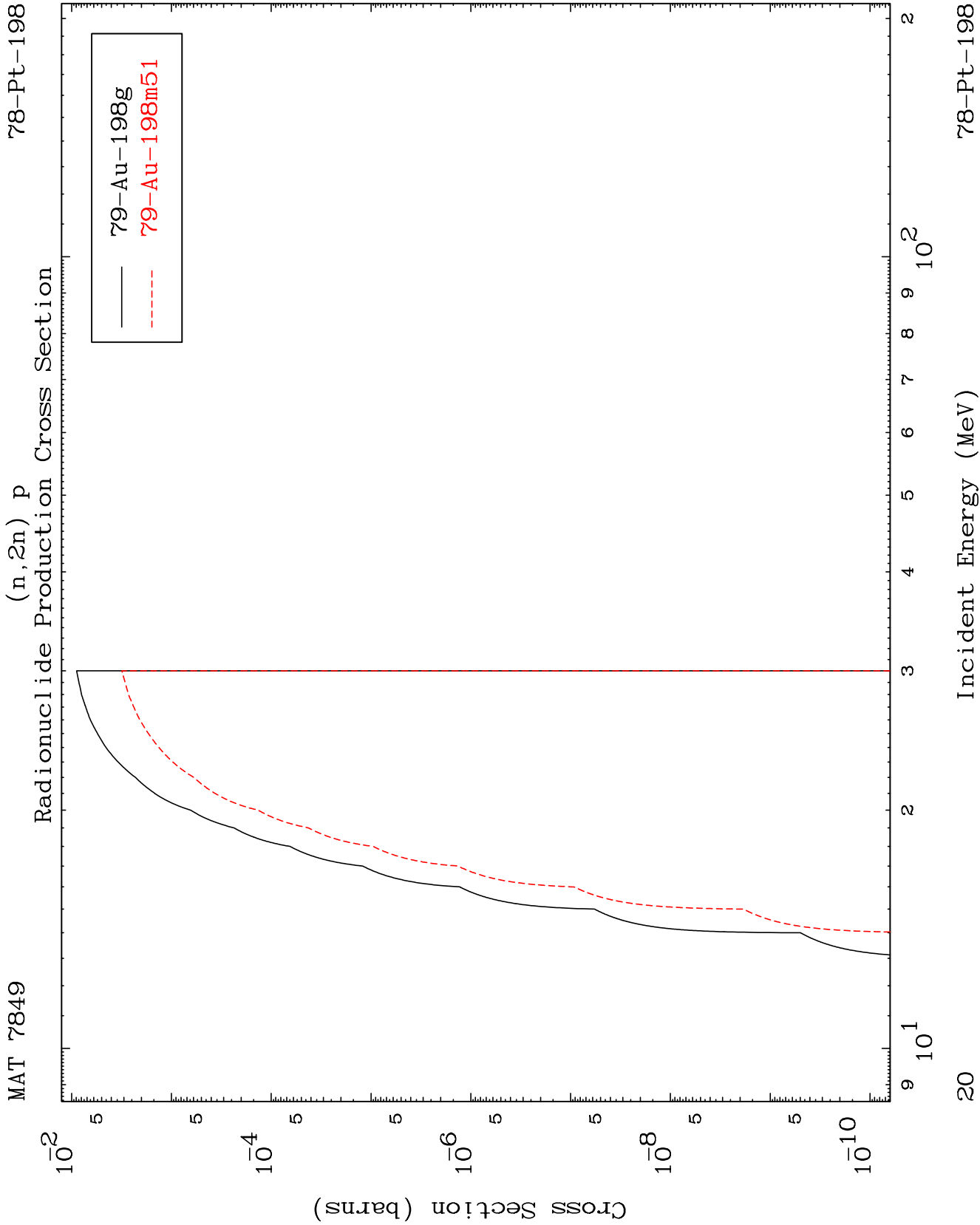
Radionuclide Production Cross Section







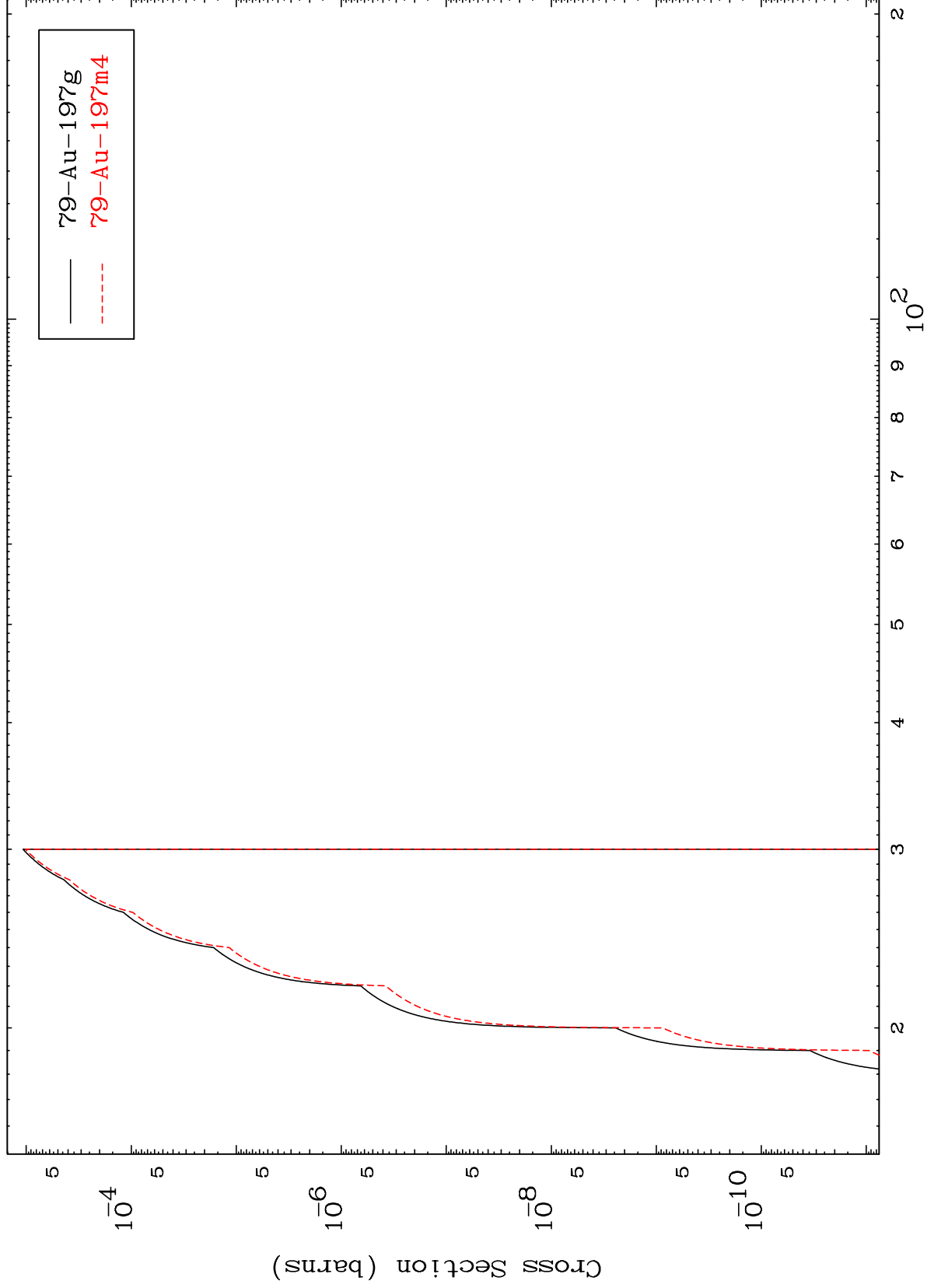




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(n,3n) p
Radionuclide Production Cross Section



21

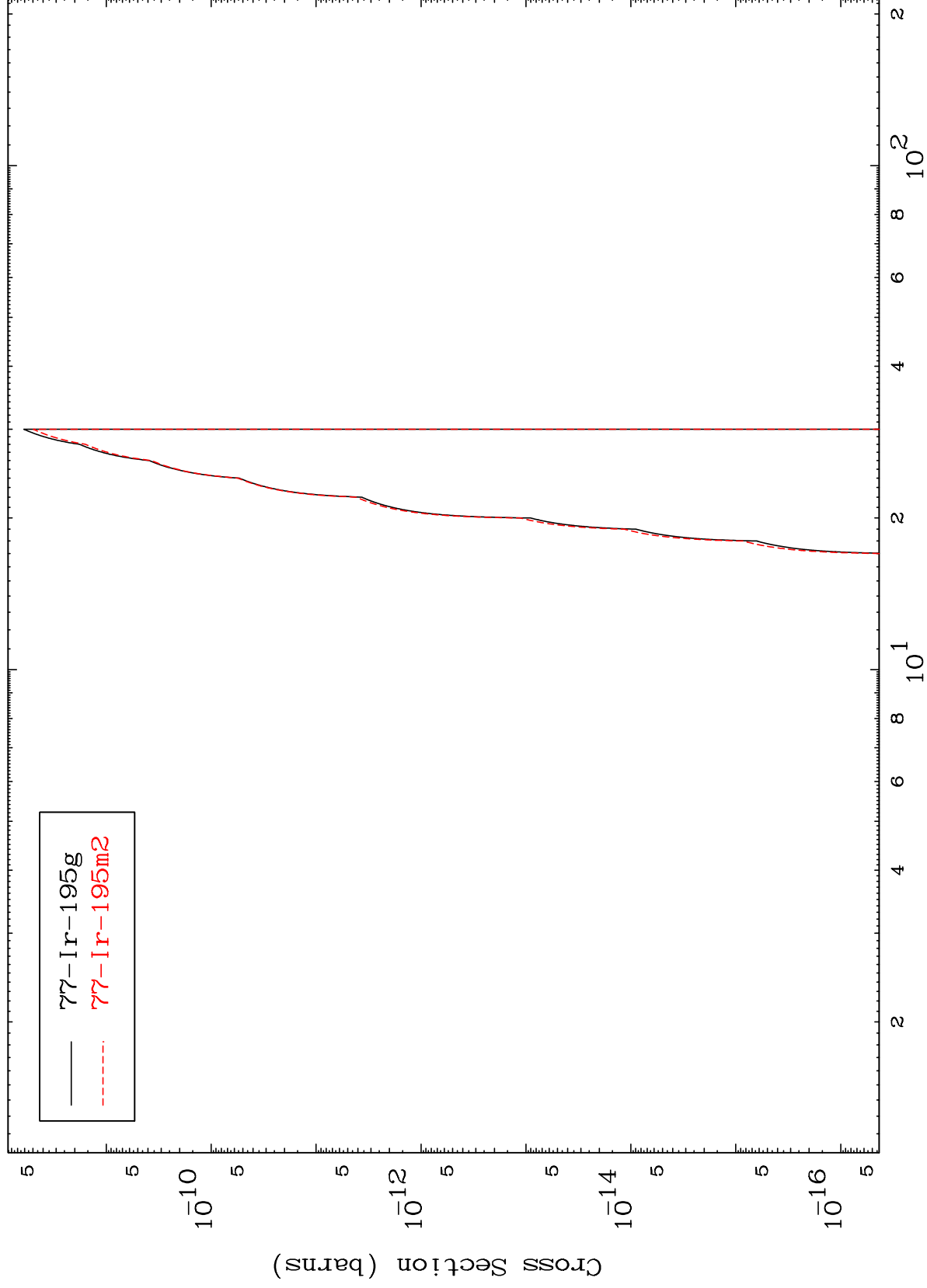
Incident Energy (MeV)

78-Pt-198

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78-Pt-198

(n,n') p α
Radionuclide Production Cross Section



22

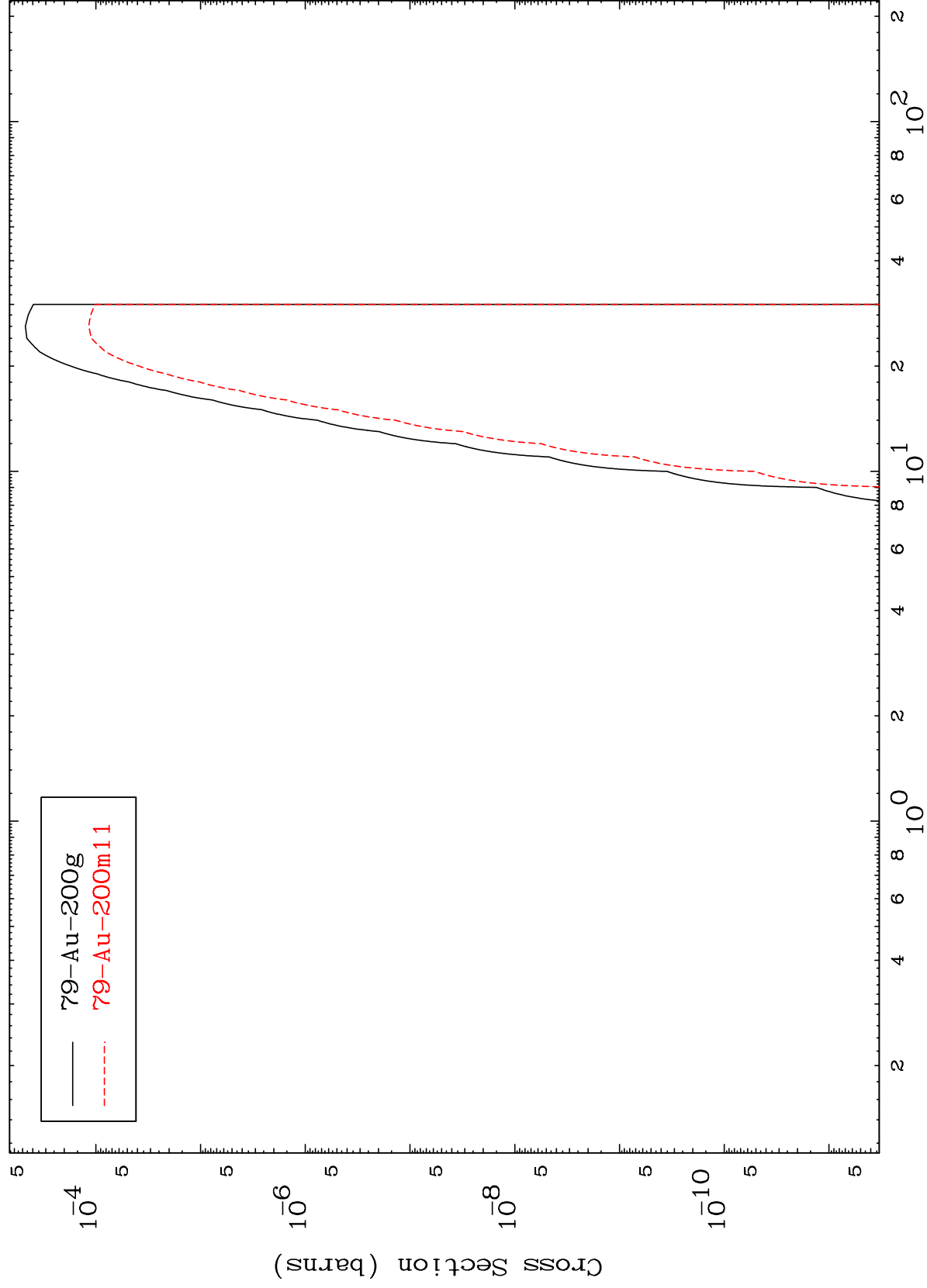
Incident Energy (MeV)

78-Pt-198

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78-Pt-198

Radionuclide Production Cross Section
(n,p)



23

Incident Energy (MeV)

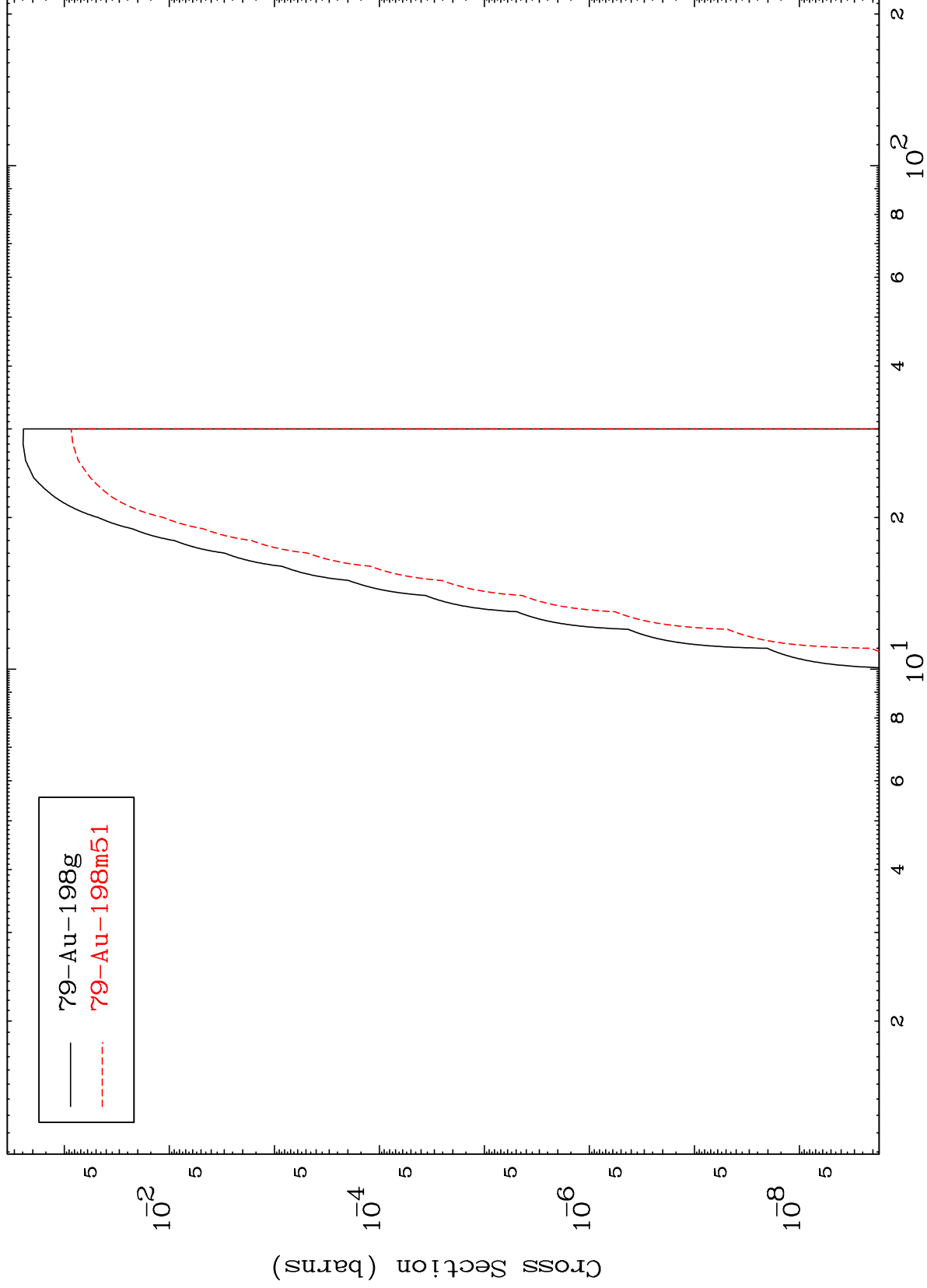
78-Pt-198

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78-Pt-198

Radionuclide Production Cross Section

(n,t)



24

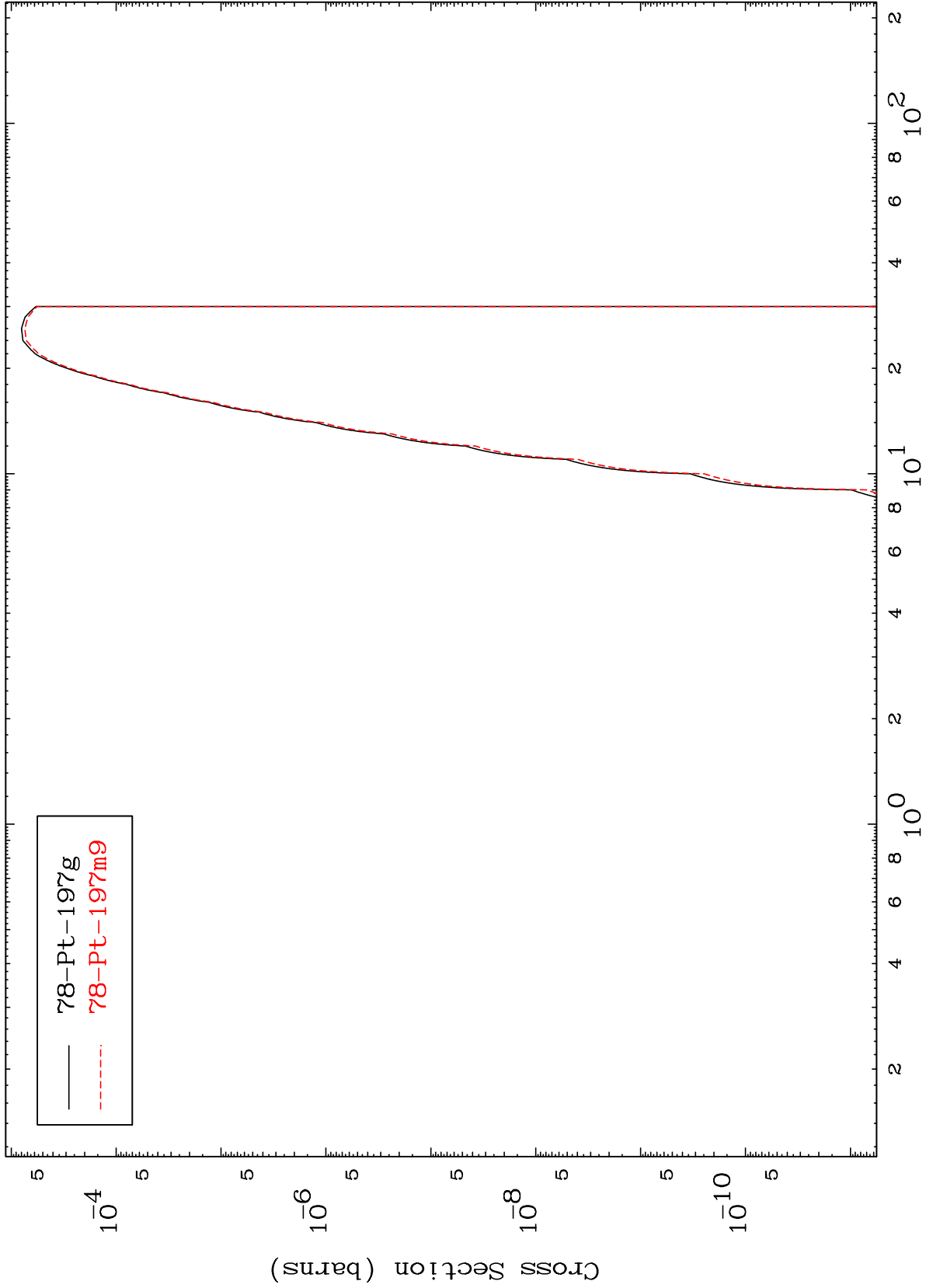
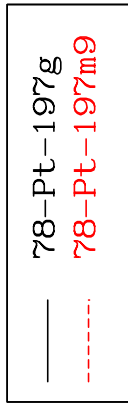
Incident Energy (MeV)

78-Pt-198

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78-Pt-198

Radionuclide Production Cross Section



78-Pt-198

Incident Energy (MeV)

25

(n,2p)
Radionuclide Production Cross Section