

Program EVALPLOT
(Version 2021-1)

by

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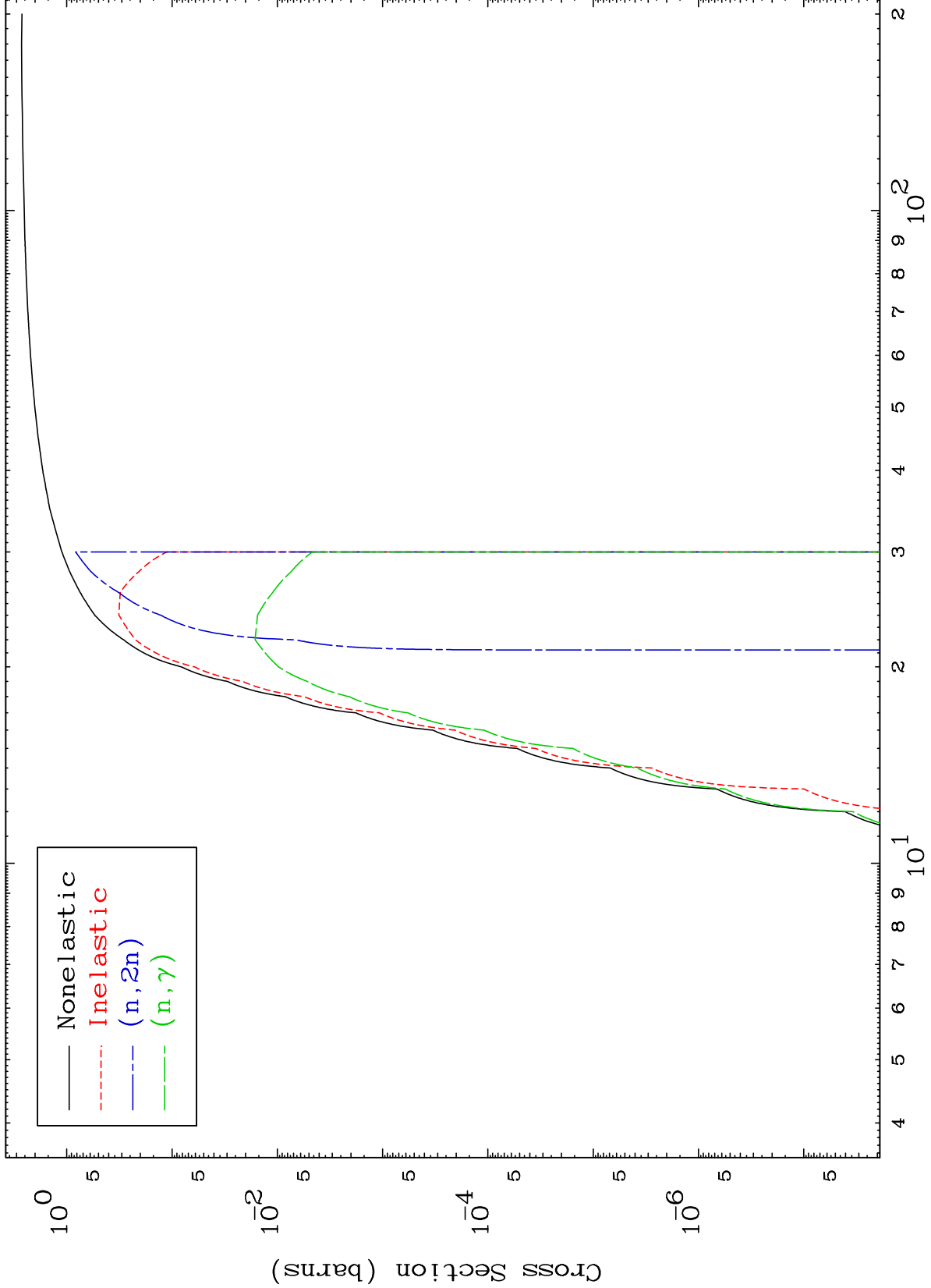
Press Mouse Button to Start

MAT 7816

0 Kelvin

α Major Cross Sections

78-Pt-187



1

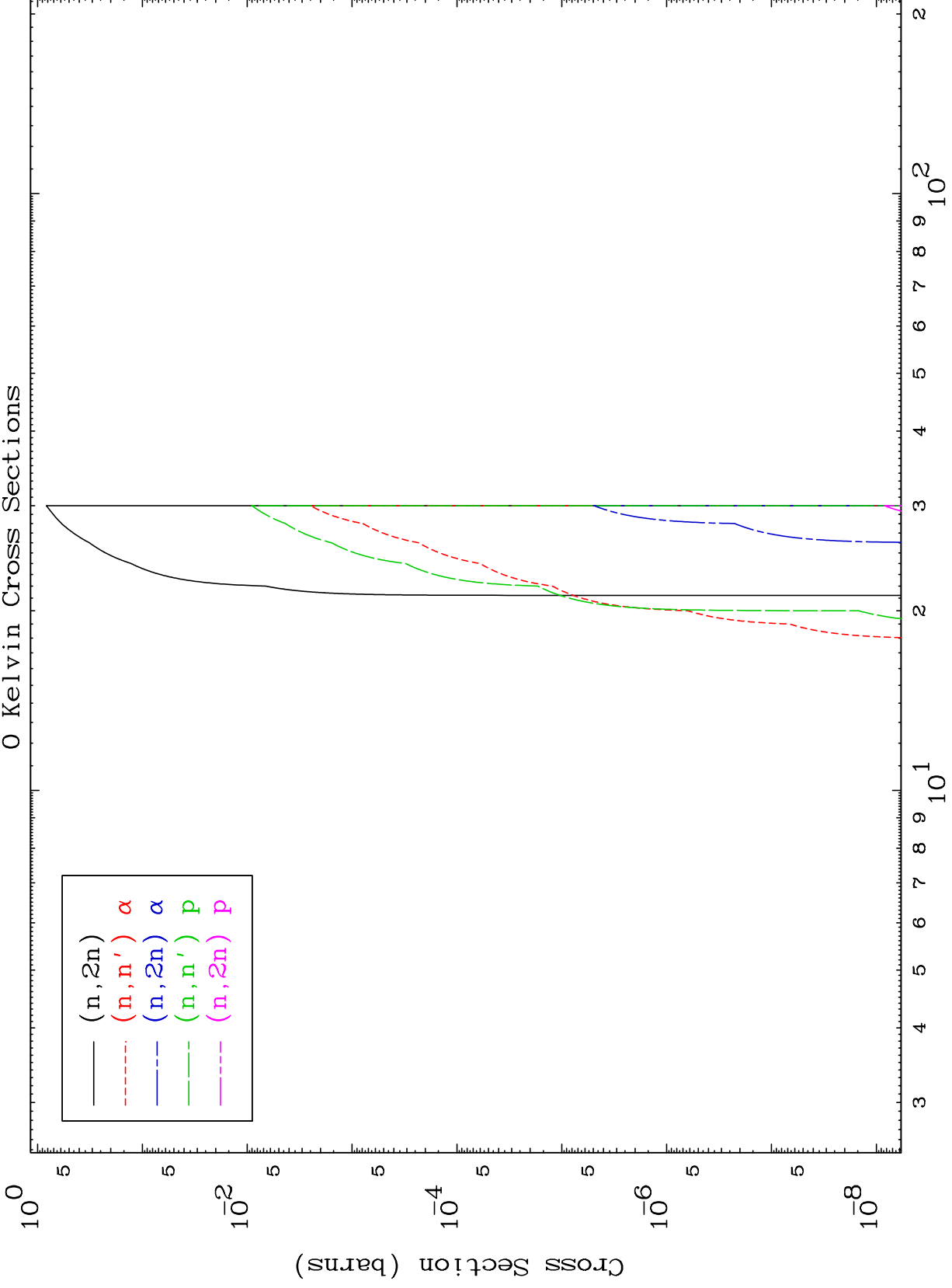
Incident Energy (MeV)

78-Pt-187

MAT 7816

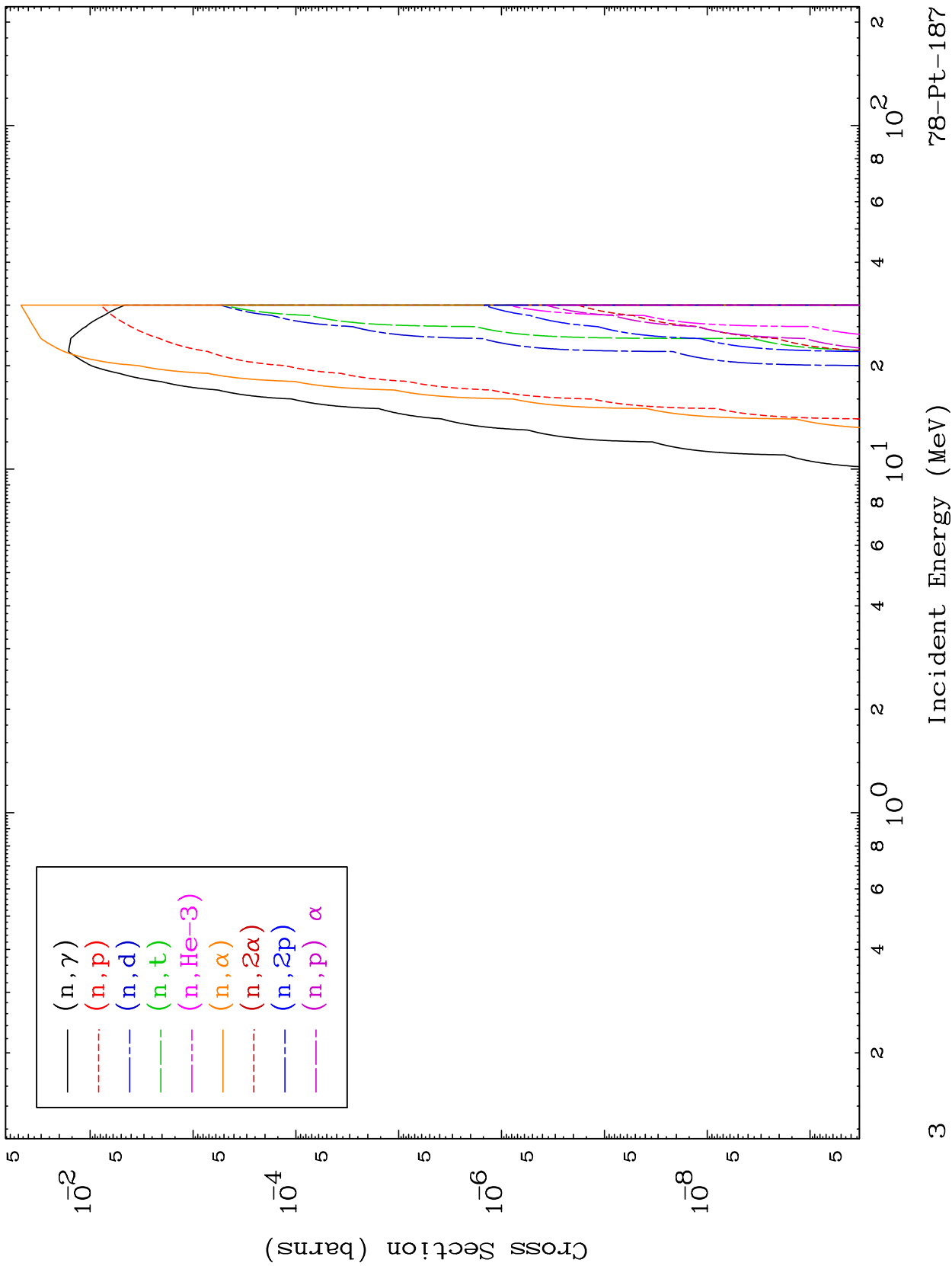
α Neutron Absorption
0 Kelvin Cross Sections

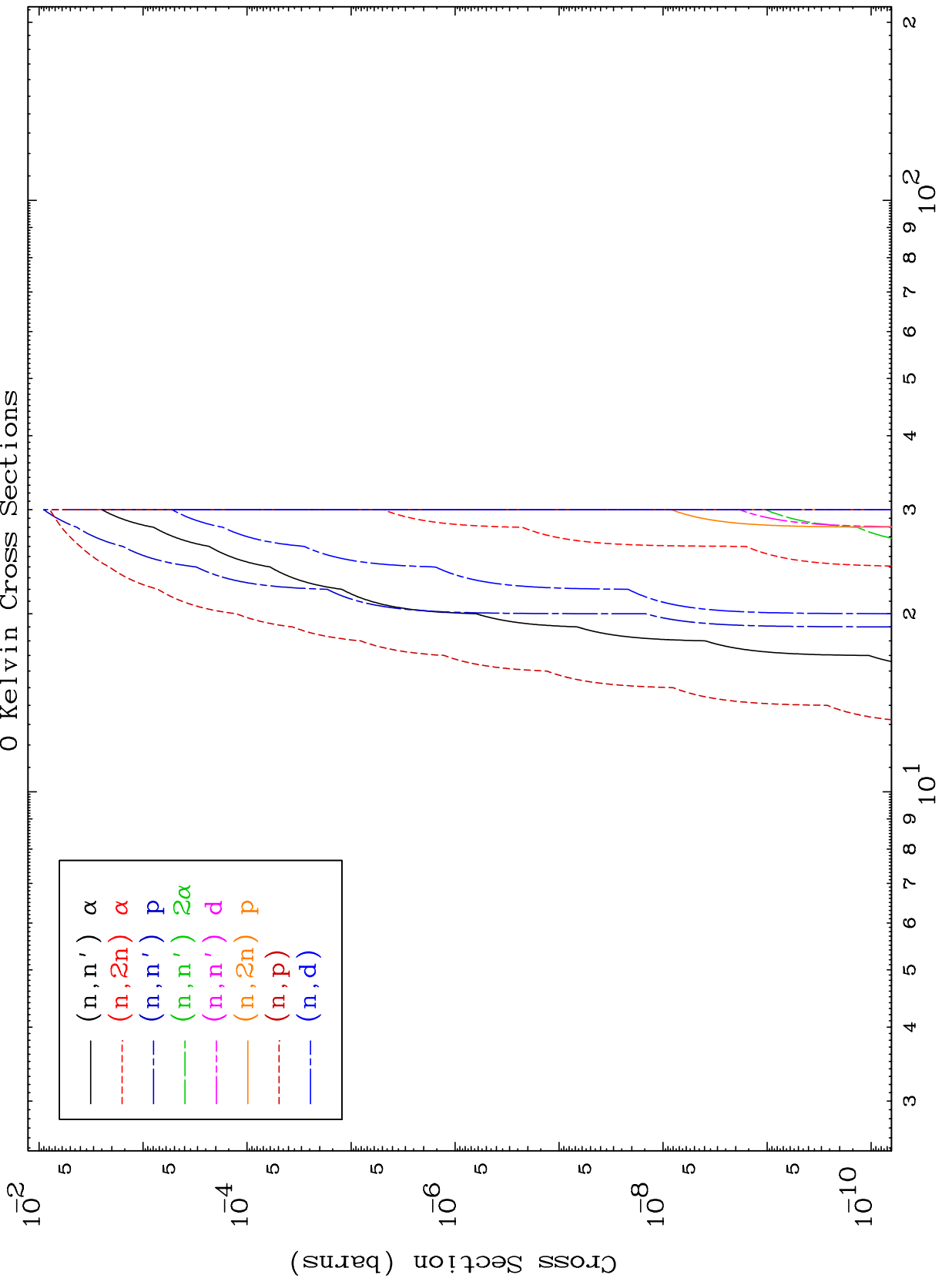
78-Pt-187



Incident Energy (MeV)

78-Pt-187

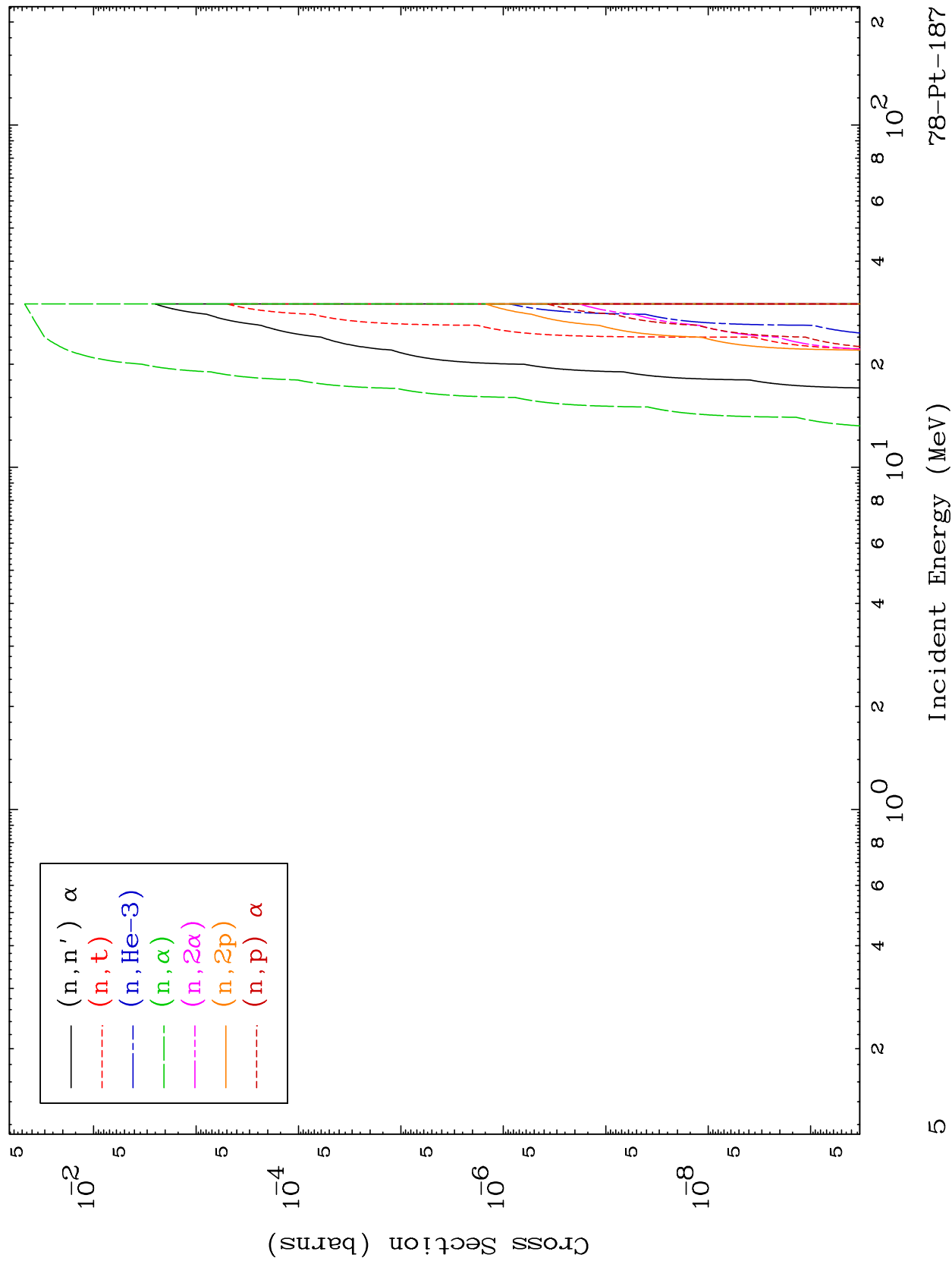




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α Charged Particle
0 Kelvin Cross Sections

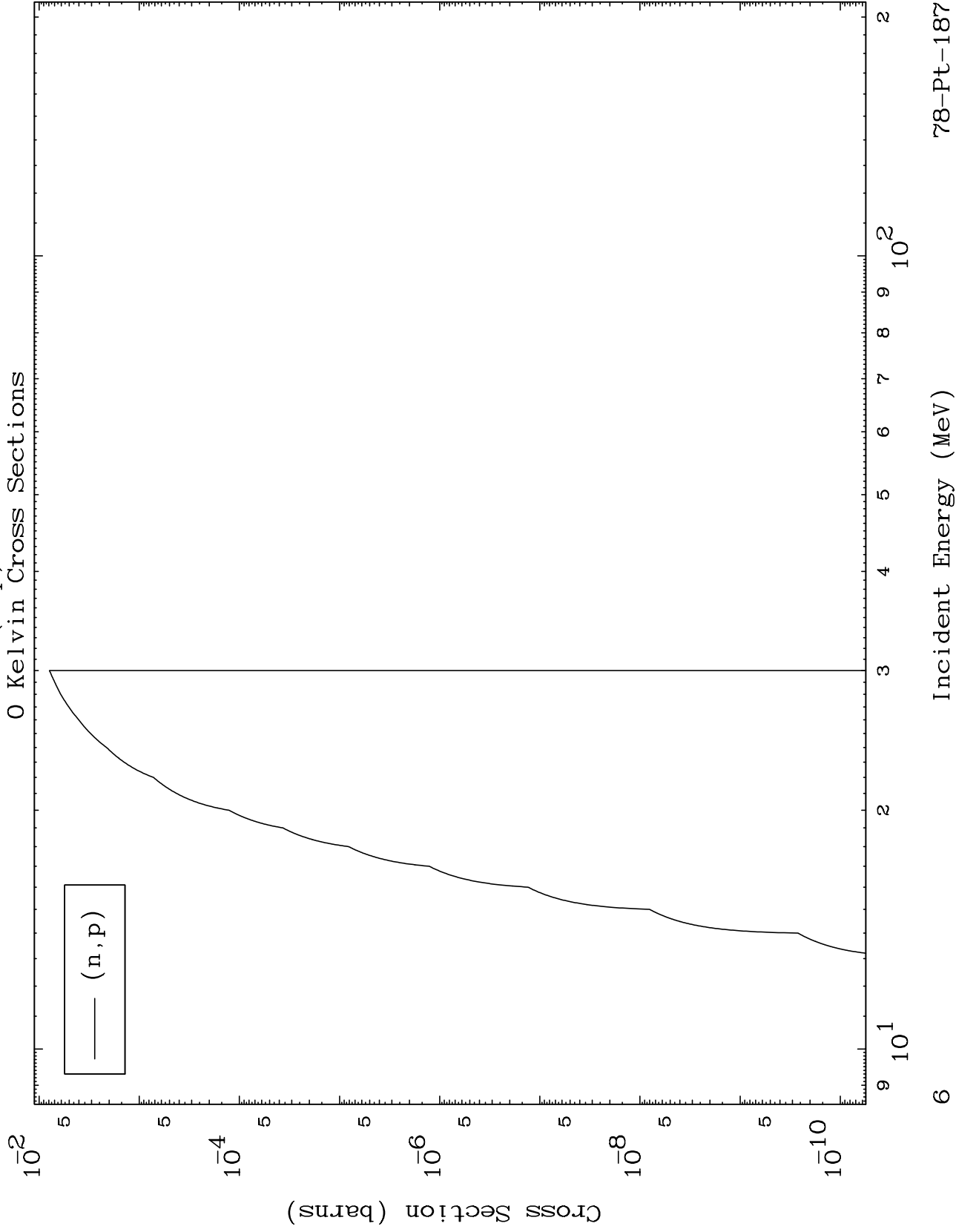
78-Pt-187

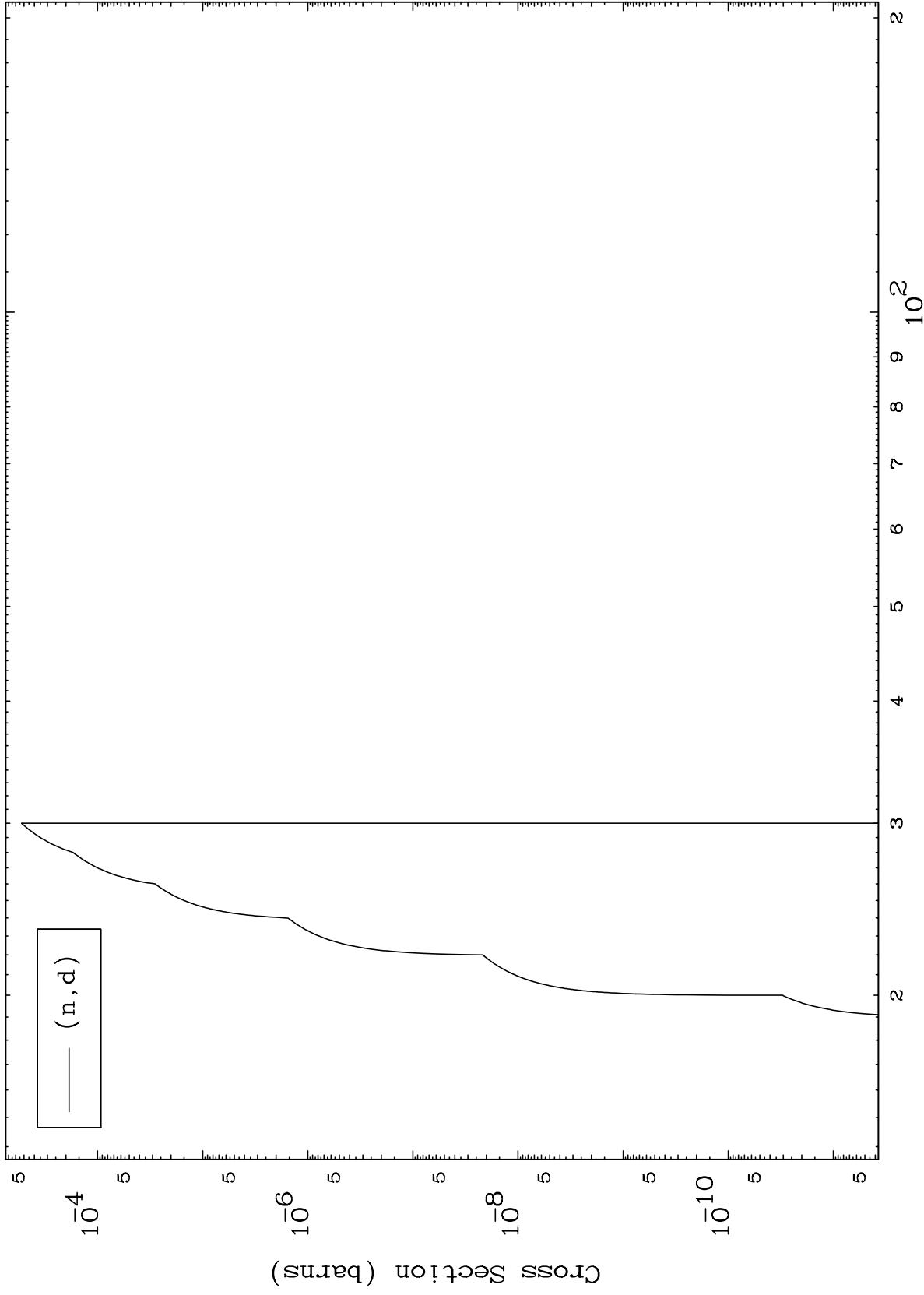


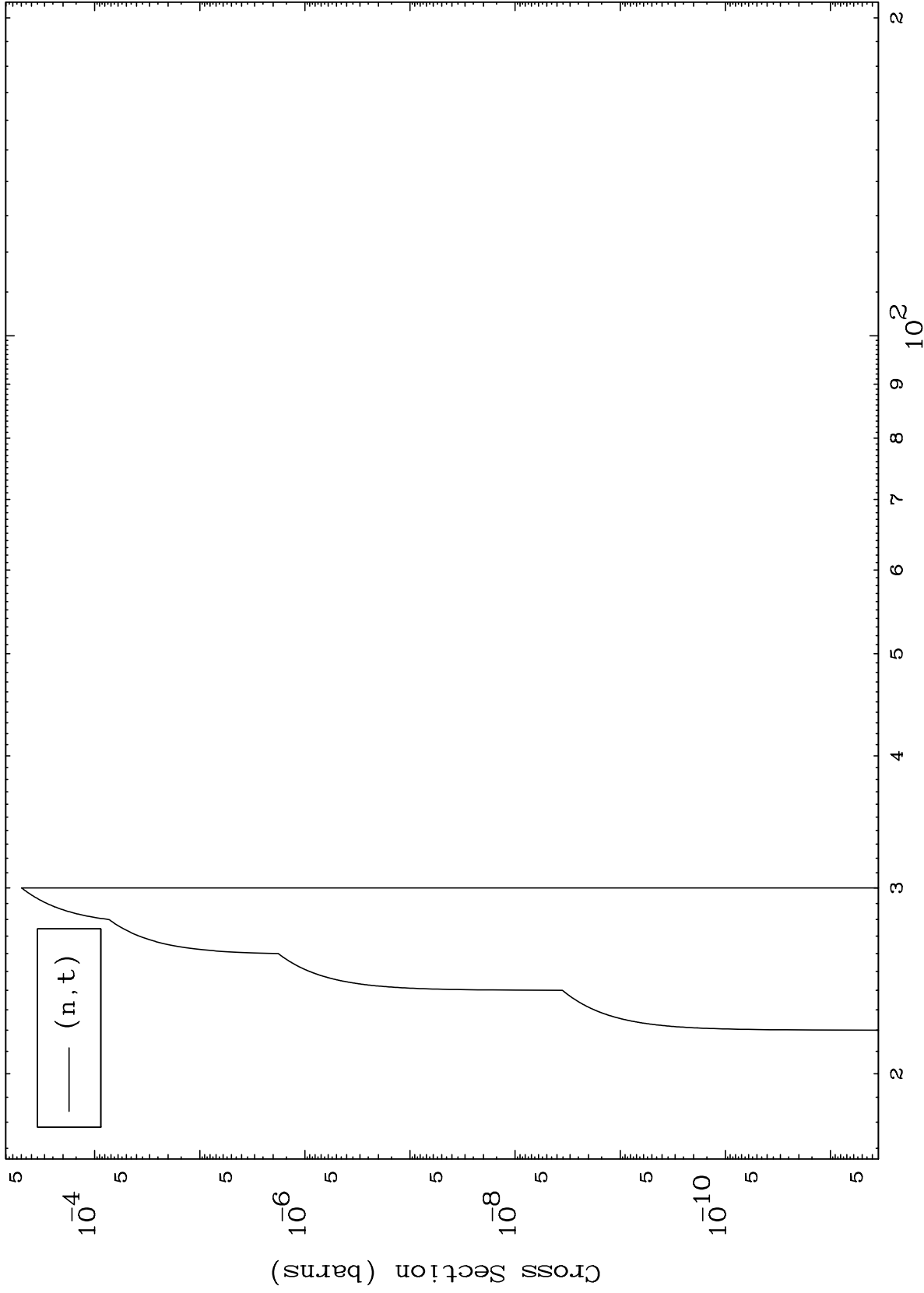
MAT 7816

(α, p) Levels

78-Pt-187



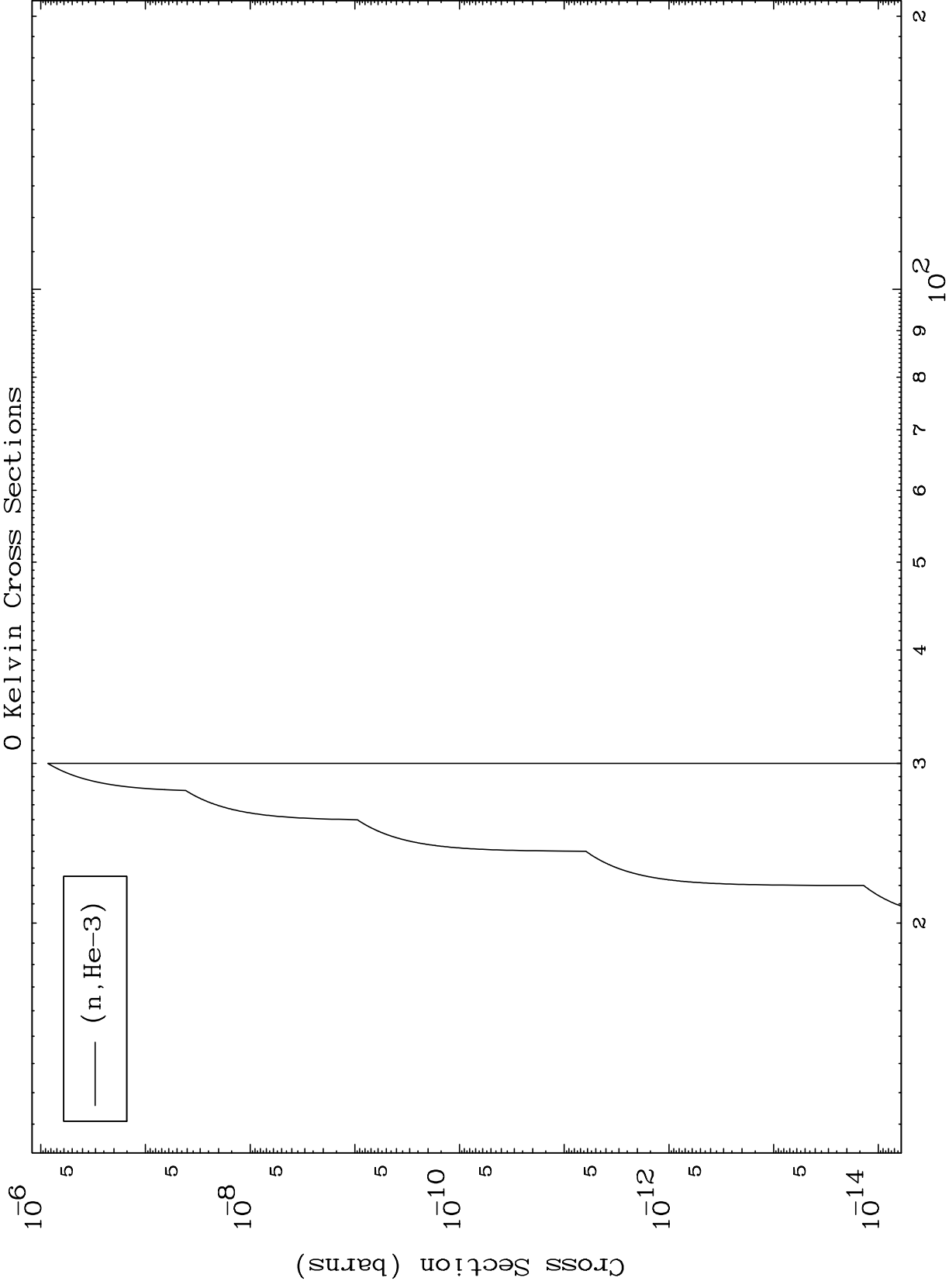




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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

78-Pt-187



(n, He-3)

Incident Energy (MeV)

78-Pt-187

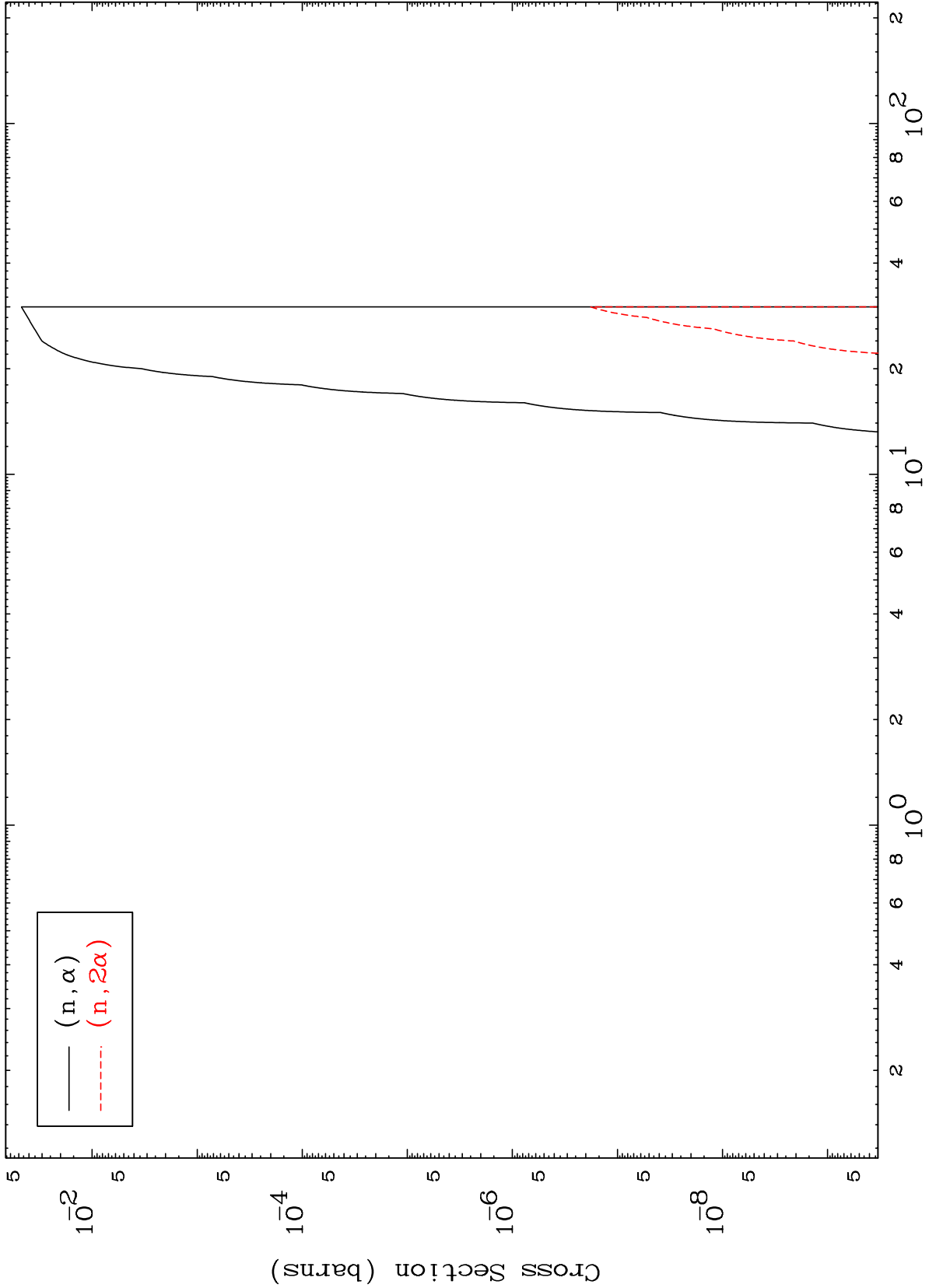
9

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(α, α) Levels

78-Pt-187

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

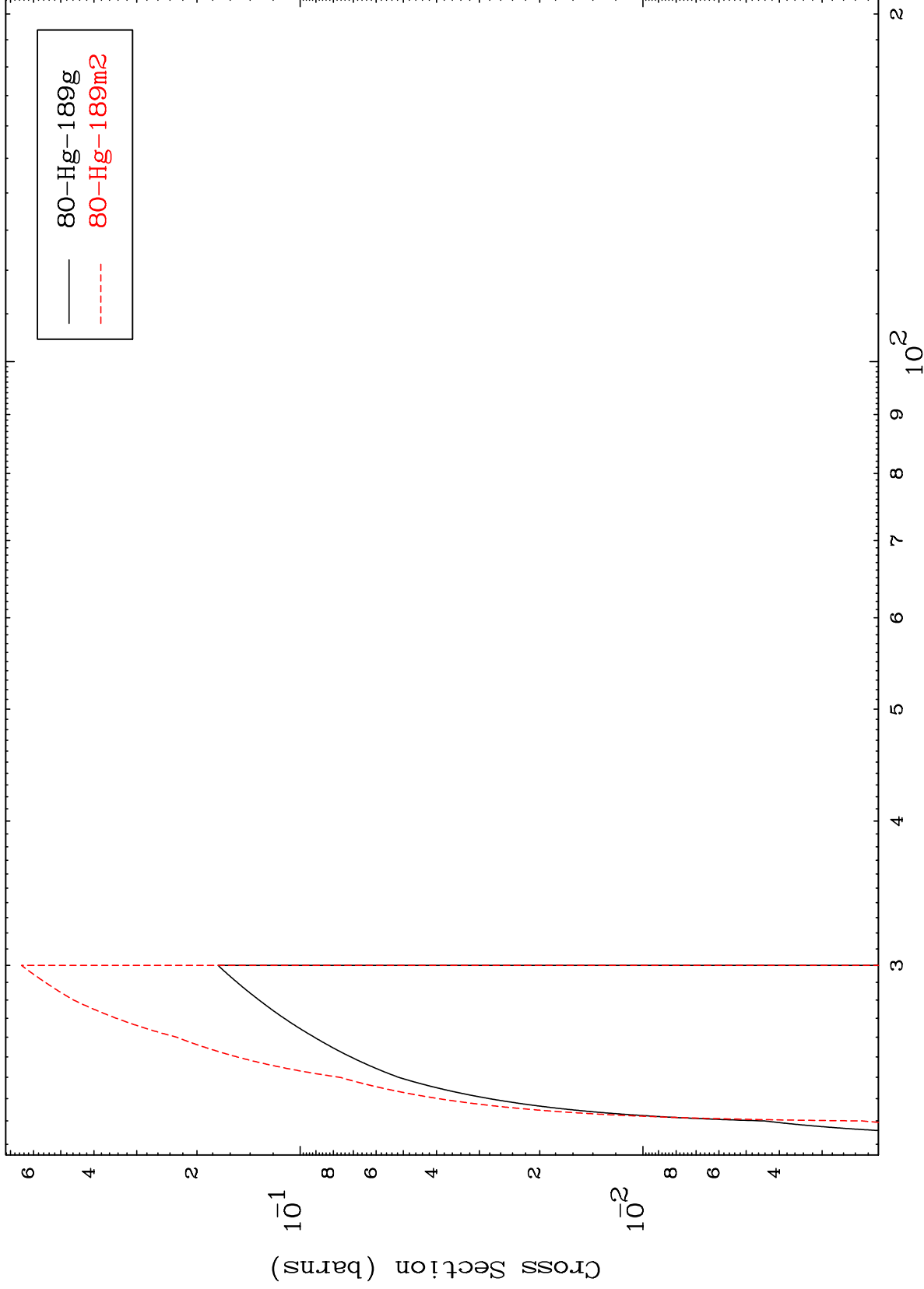
78-Pt-187

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(n,2n)

78-Pt-187

Radionuclide Production Cross Section



11

Incident Energy (MeV)

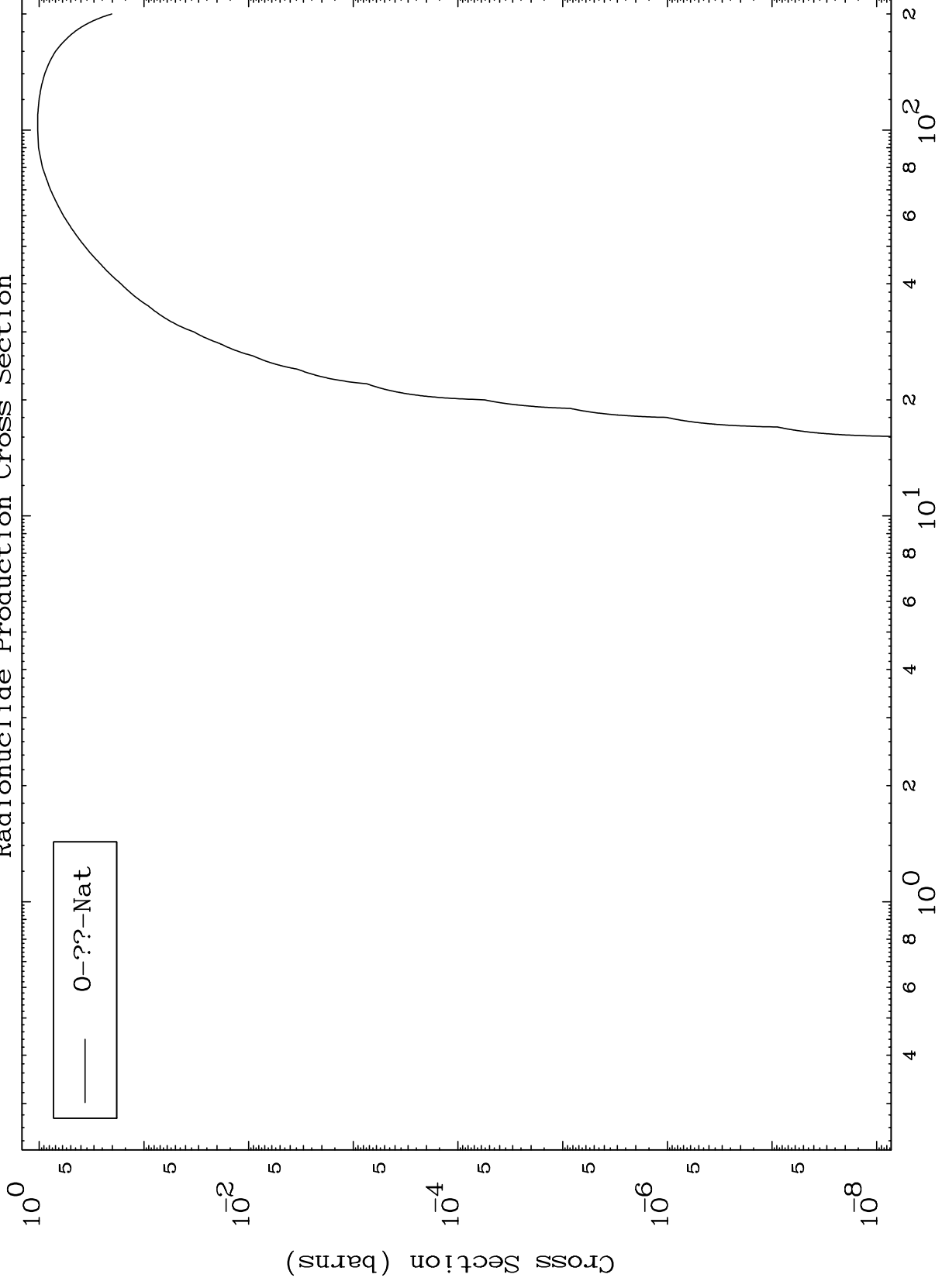
78-Pt-187

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Fission

78-Pt-187

Radionuclide Production Cross Section



0-??-Nat

Incident Energy (MeV)

78-Pt-187

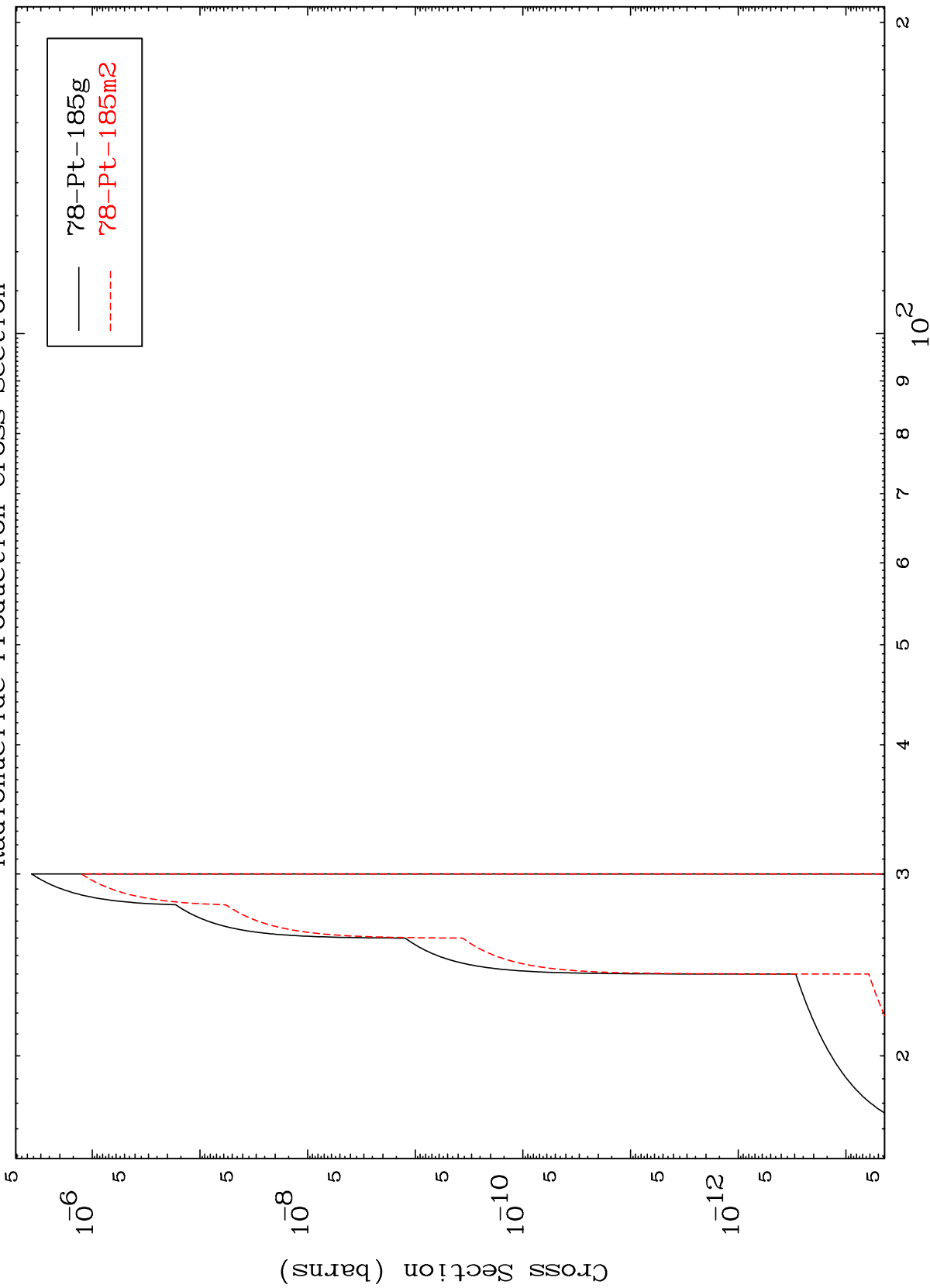
12

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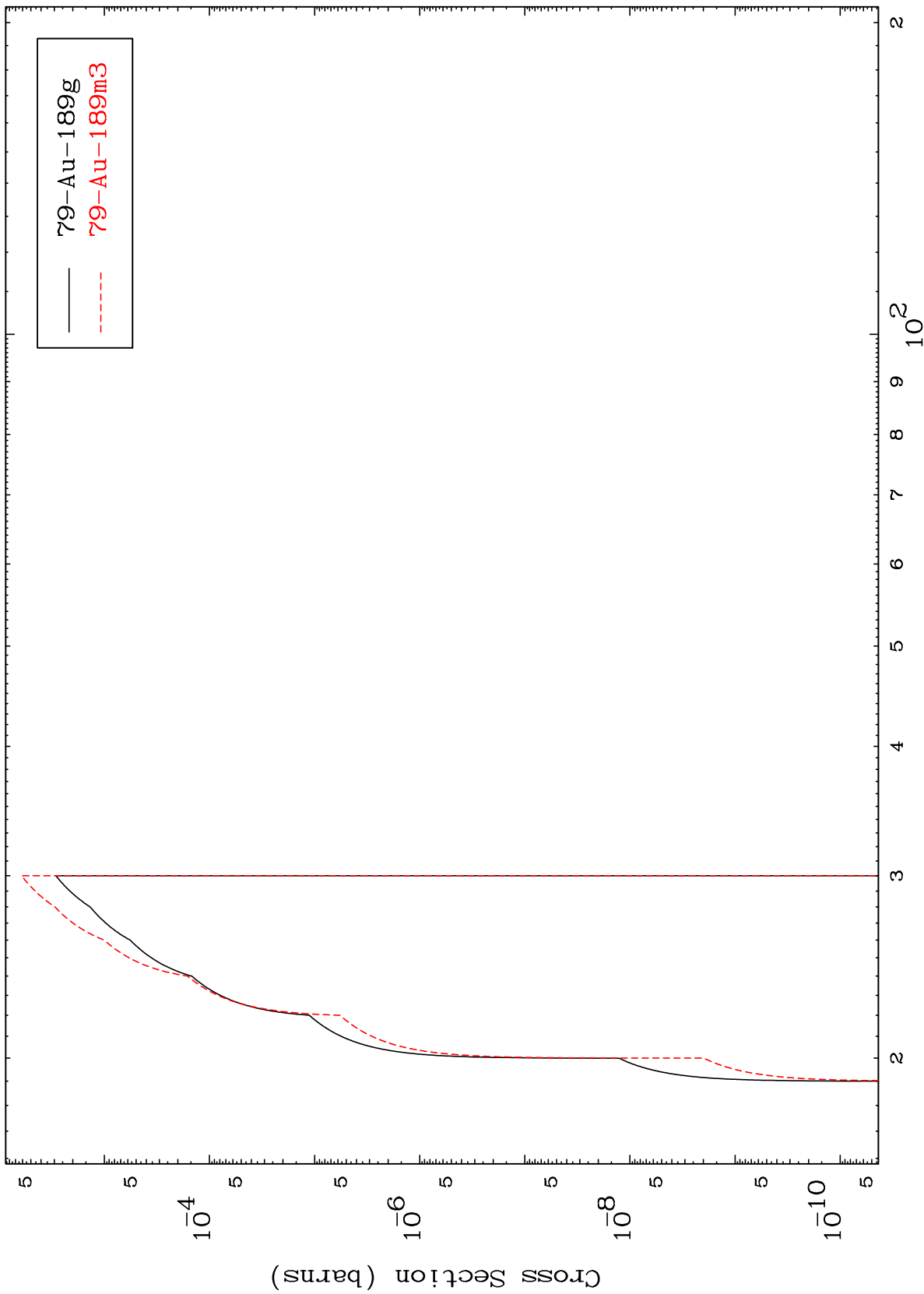
$(n,2n) \alpha$

78-Pt-187

Radionuclide Production Cross Section



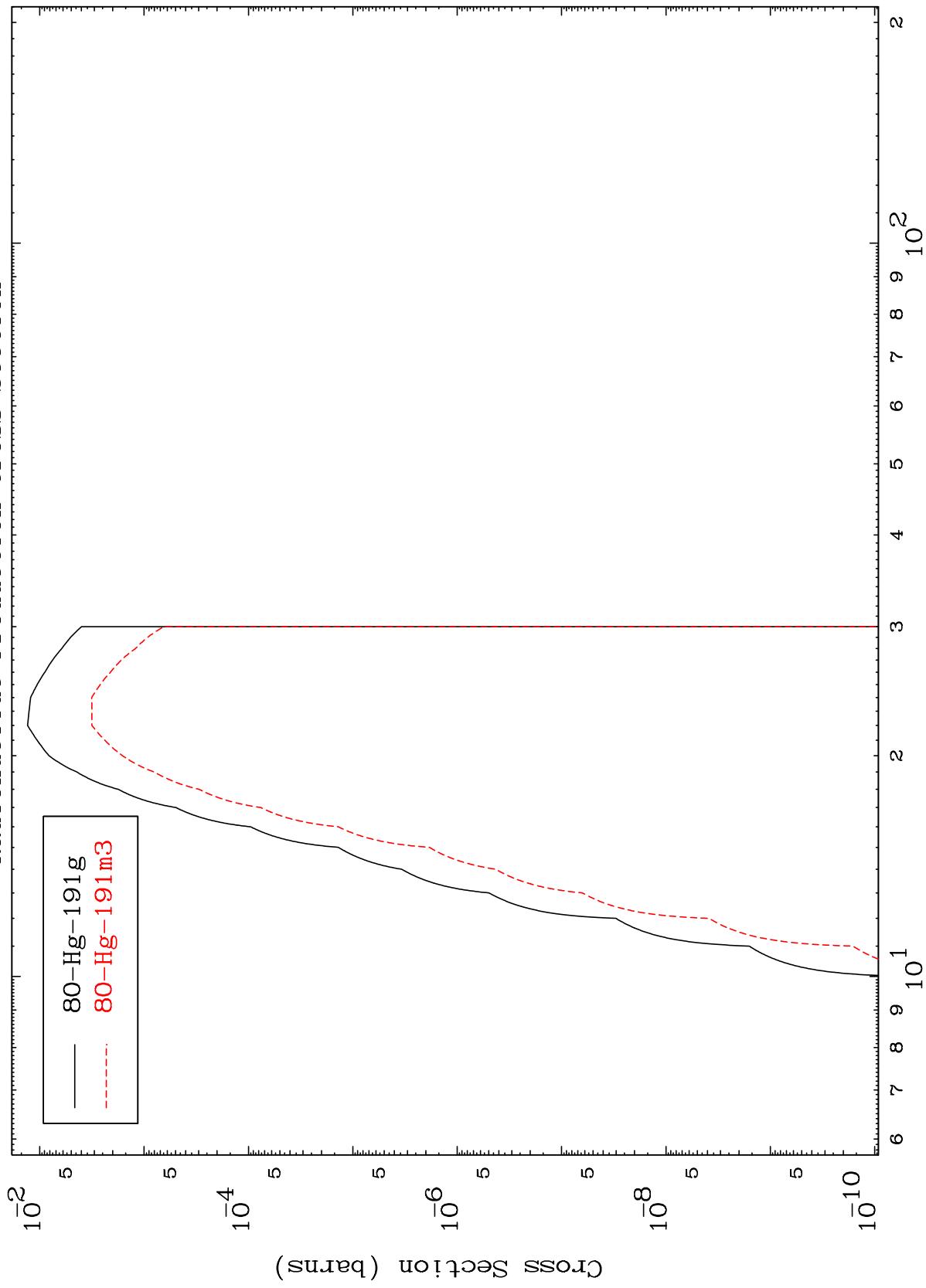
Radionuclide Production Cross Section



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78-Pt-187

Radionuclide Production Cross Section
(n,γ)



15

Incident Energy (MeV)

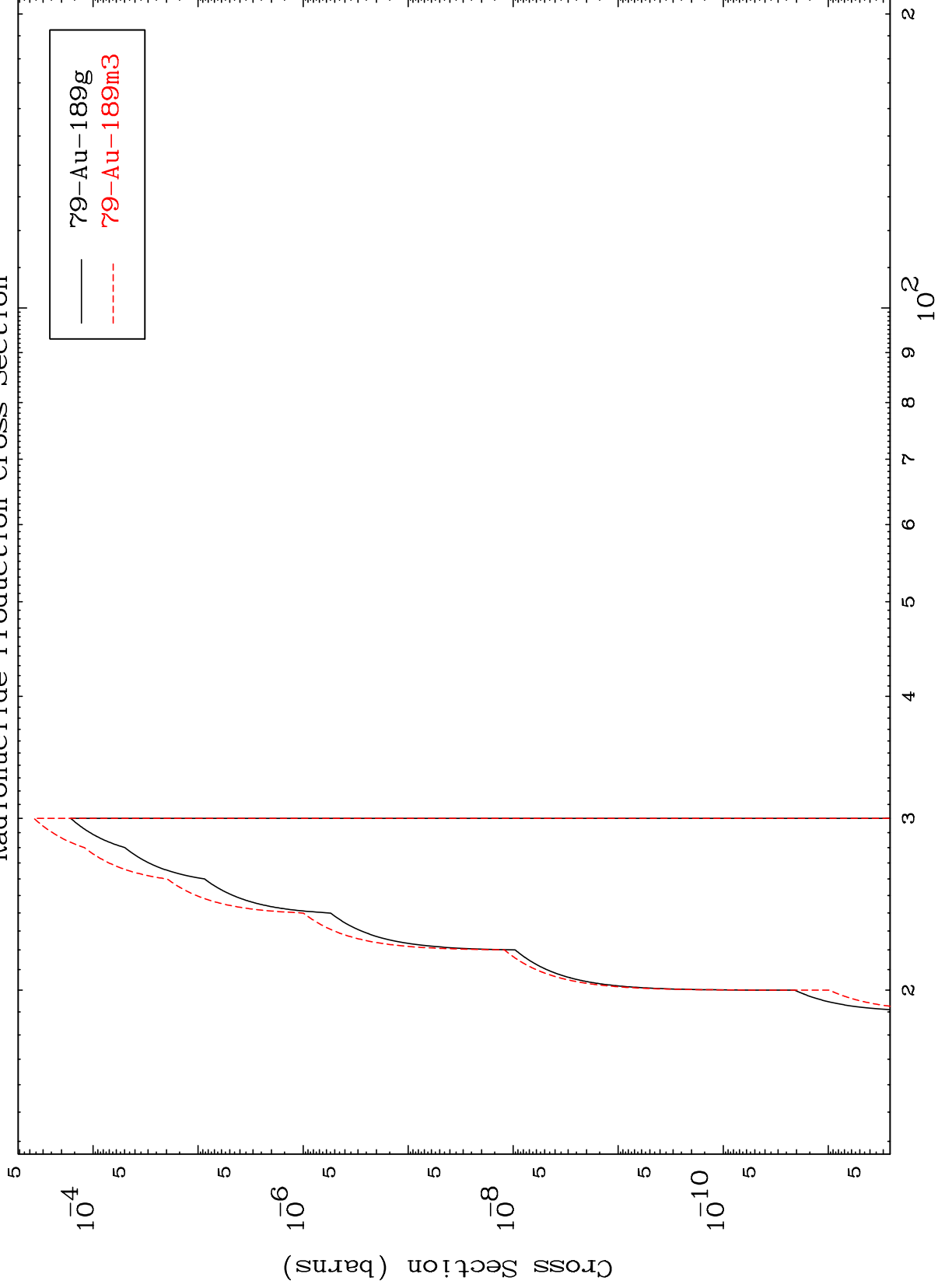
78-Pt-187

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(n,d)

78-Pt-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

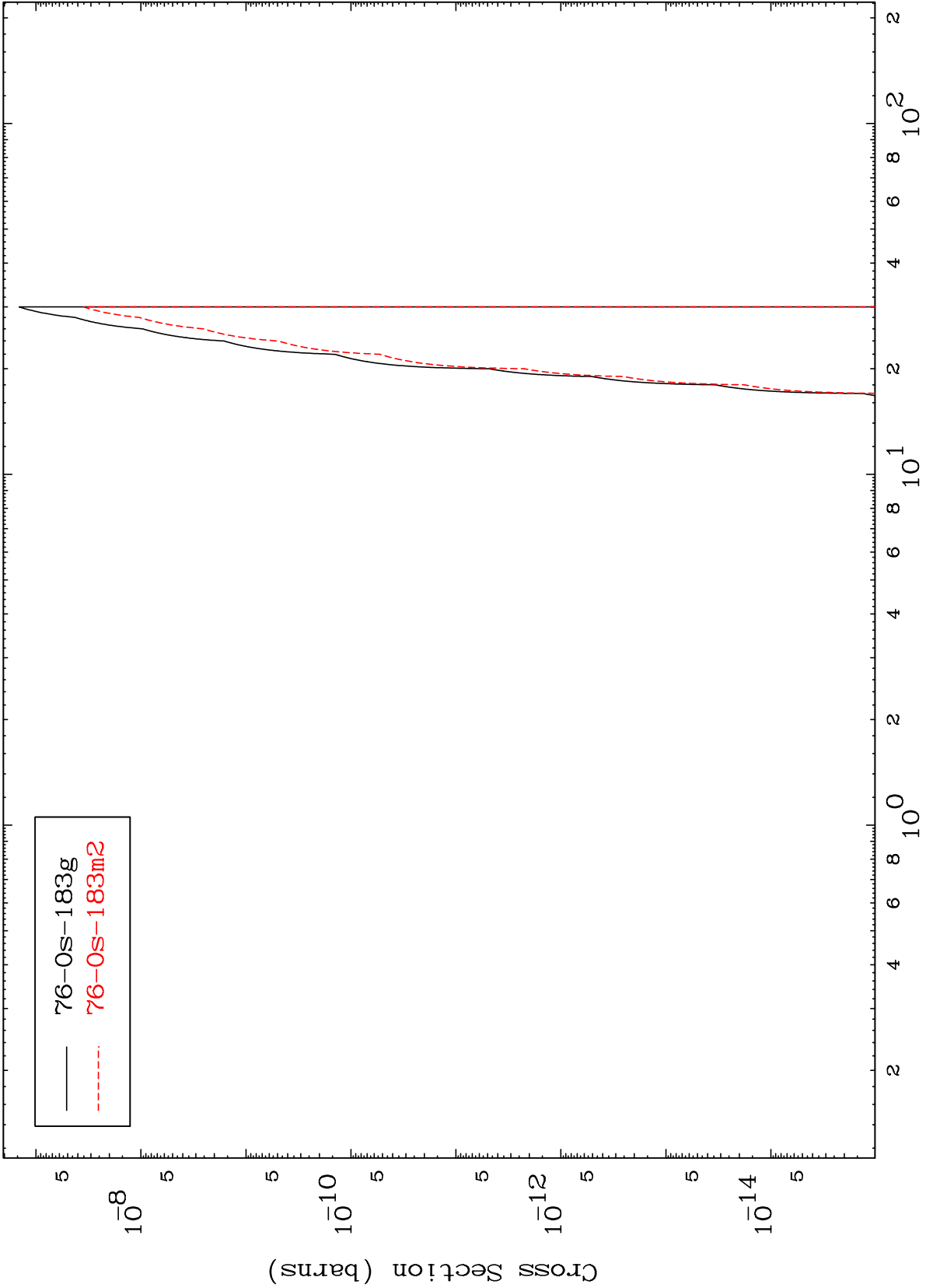
78-Pt-187

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(n,2α)

78-Pt-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

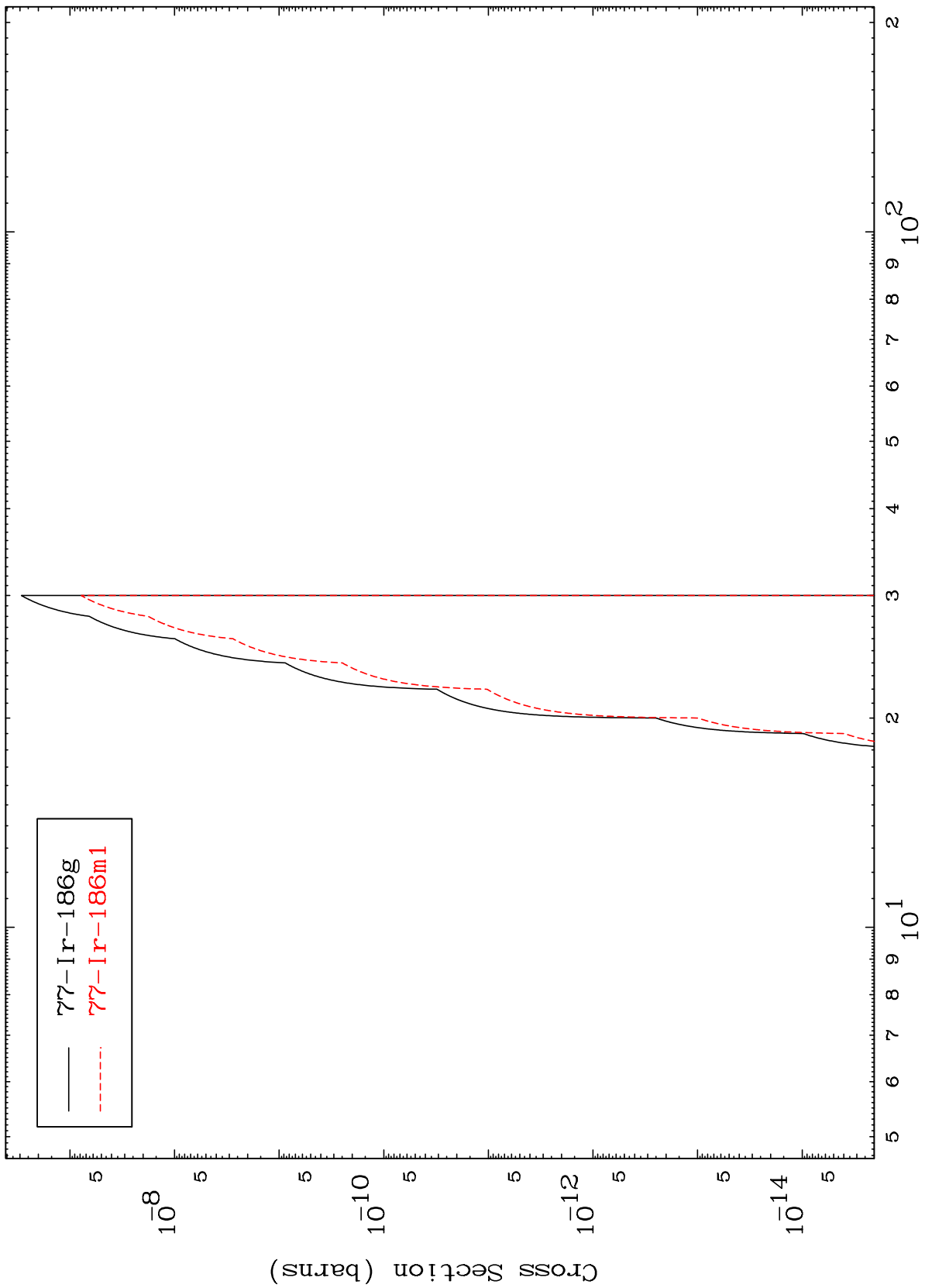
78-Pt-187

MAT 7816

(n,p) α

78-Pt-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

78-Pt-187