

Program EVALPLOT
(Version 2021-1)

by

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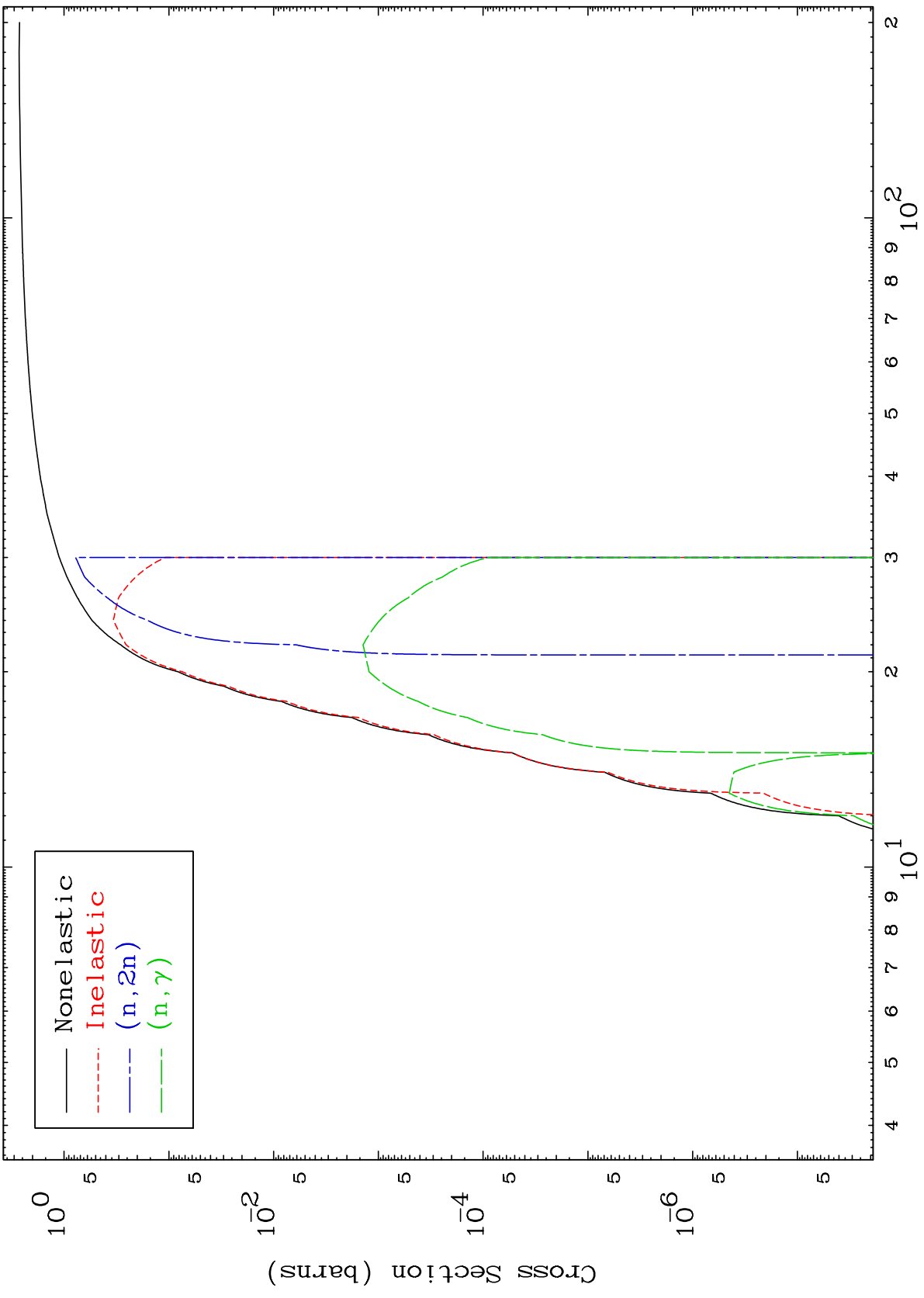
Press Mouse Button to Start

MAT 7816

α Major

78-Pt-187

0 Kelvin Cross Sections



Incident Energy (MeV)

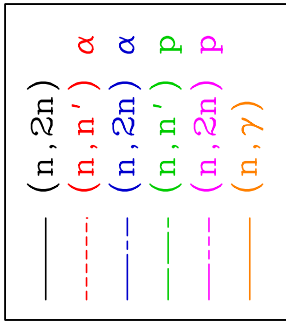
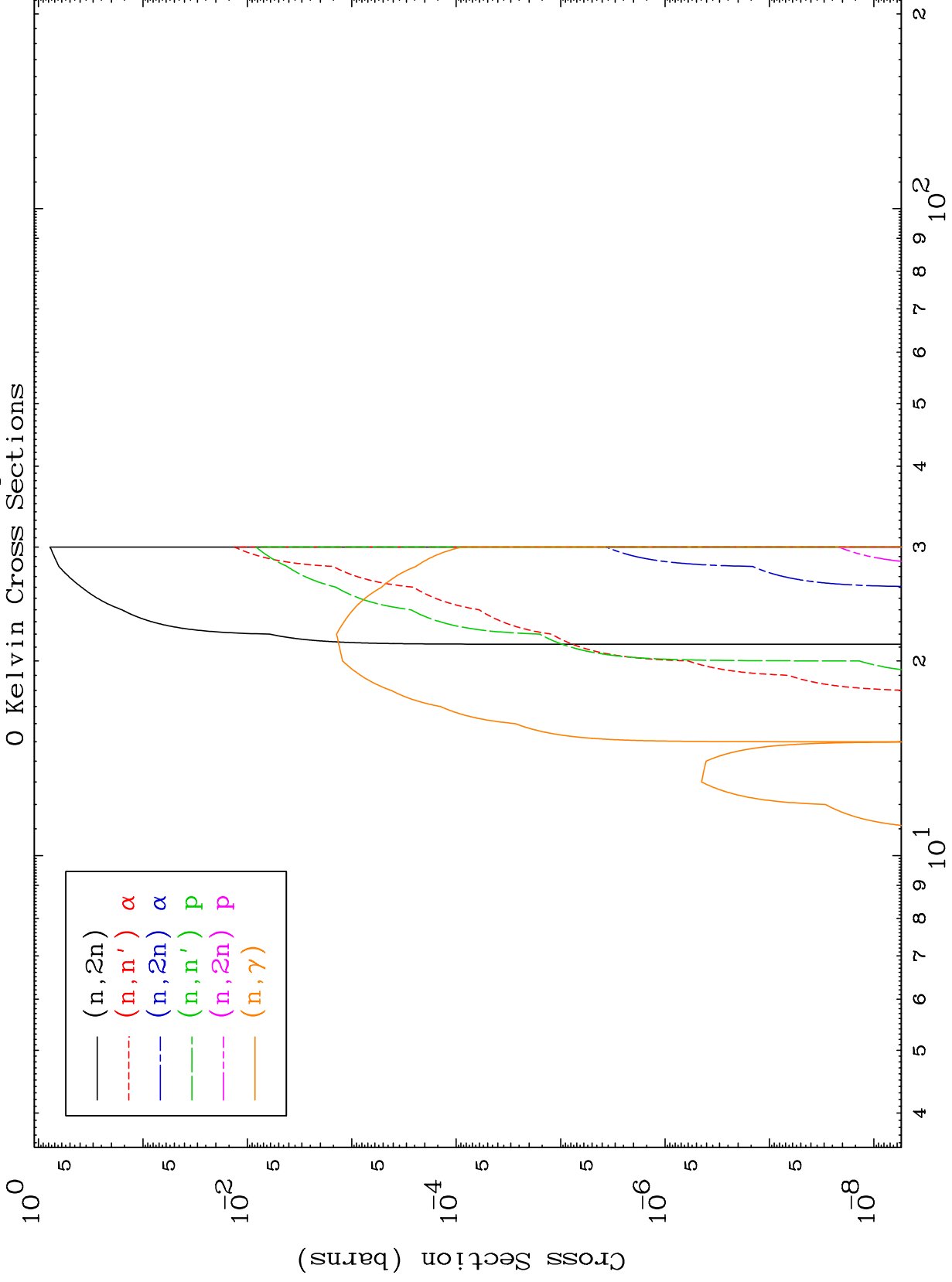
78-Pt-187

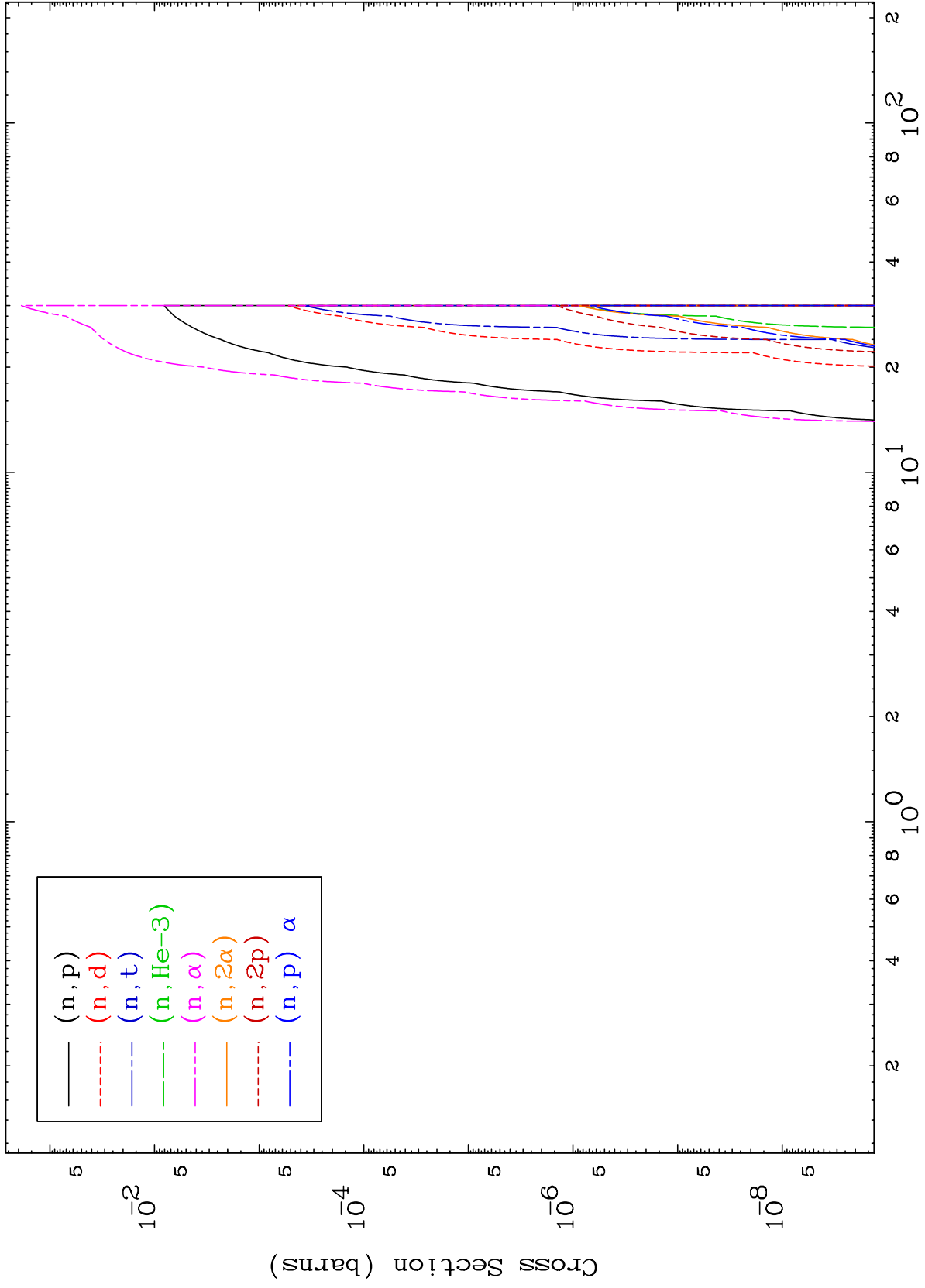
1

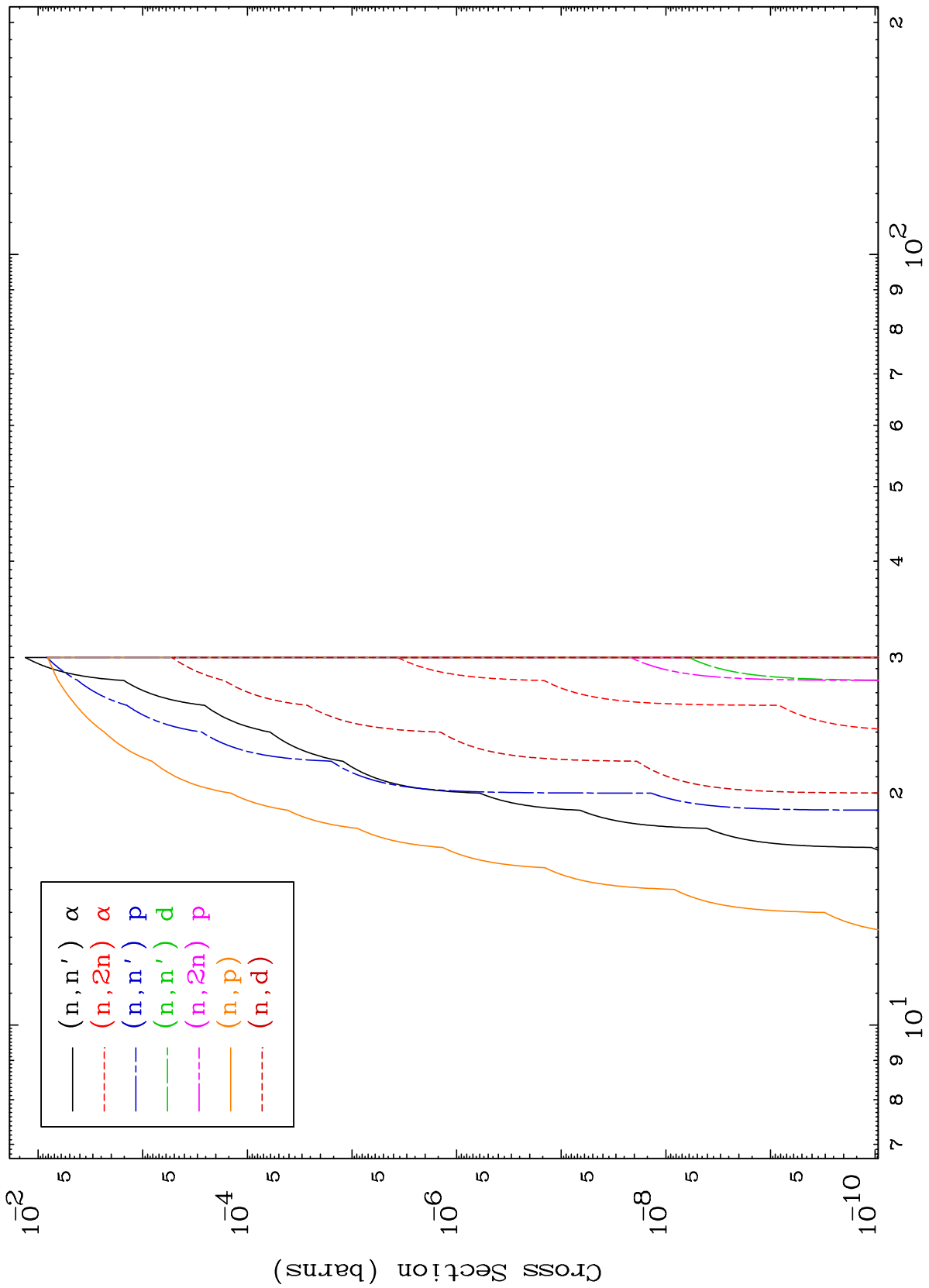
MAT 7816

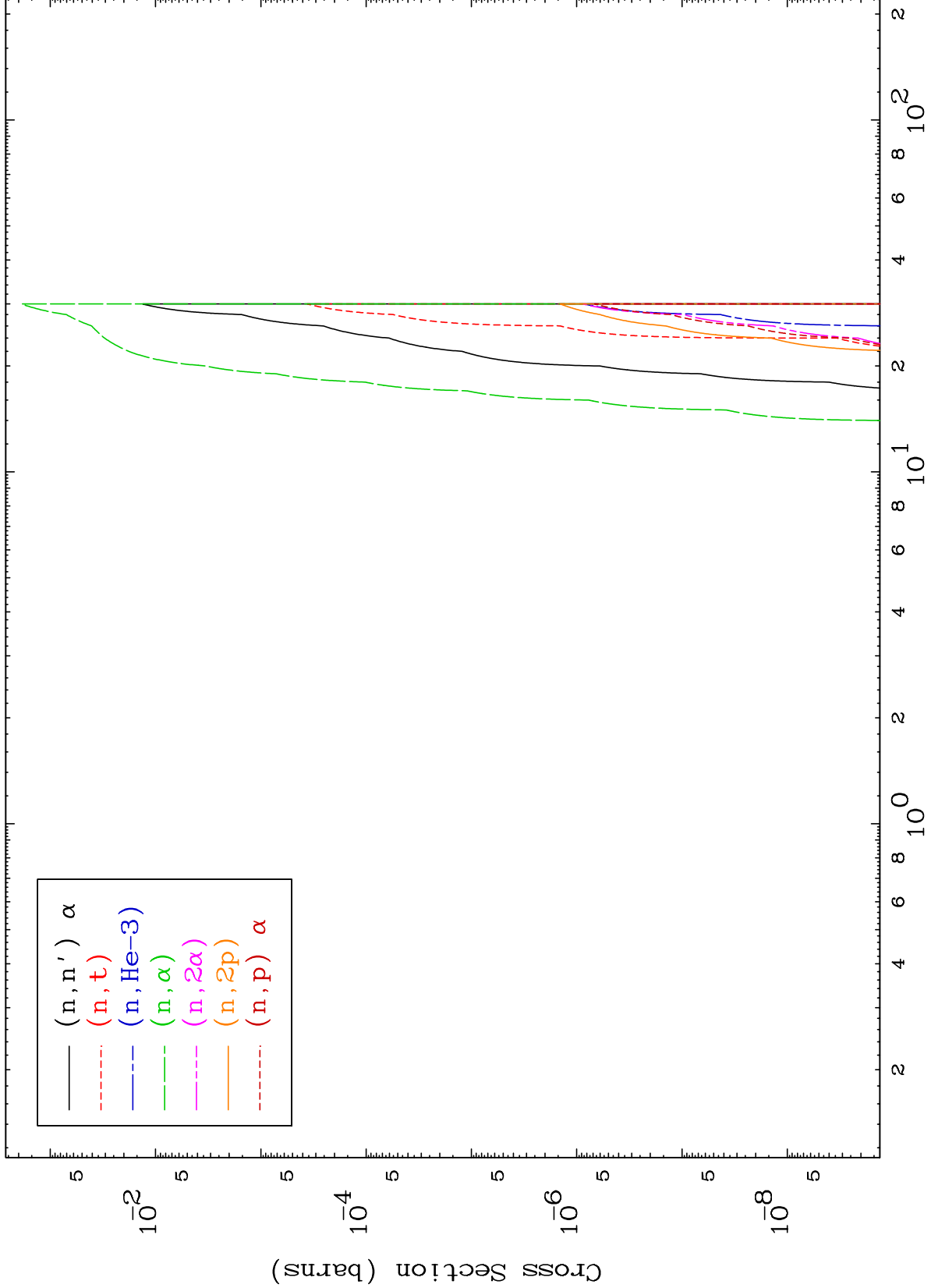
α Neutron Absorption
0 Kelvin Cross Sections

78-Pt-187





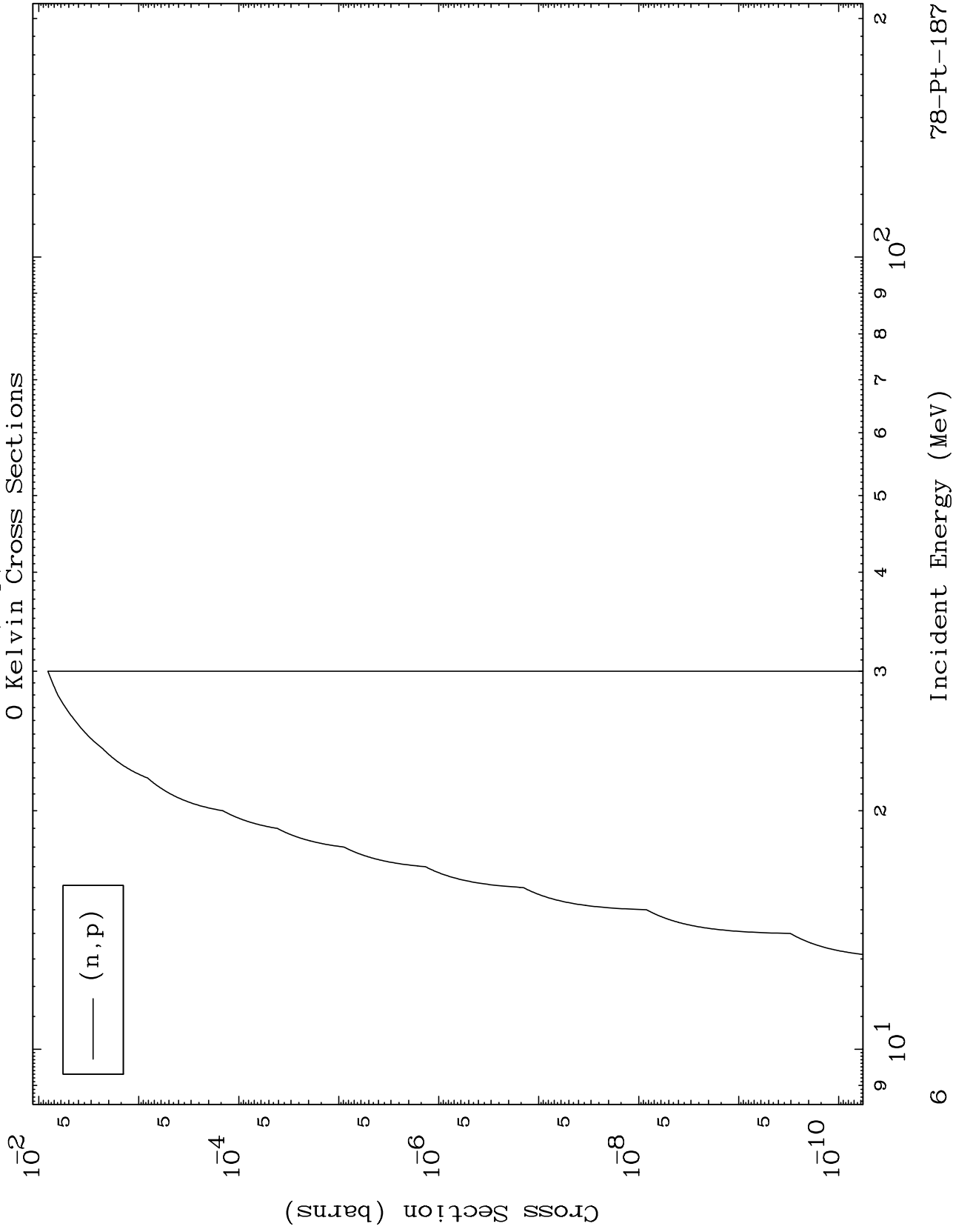


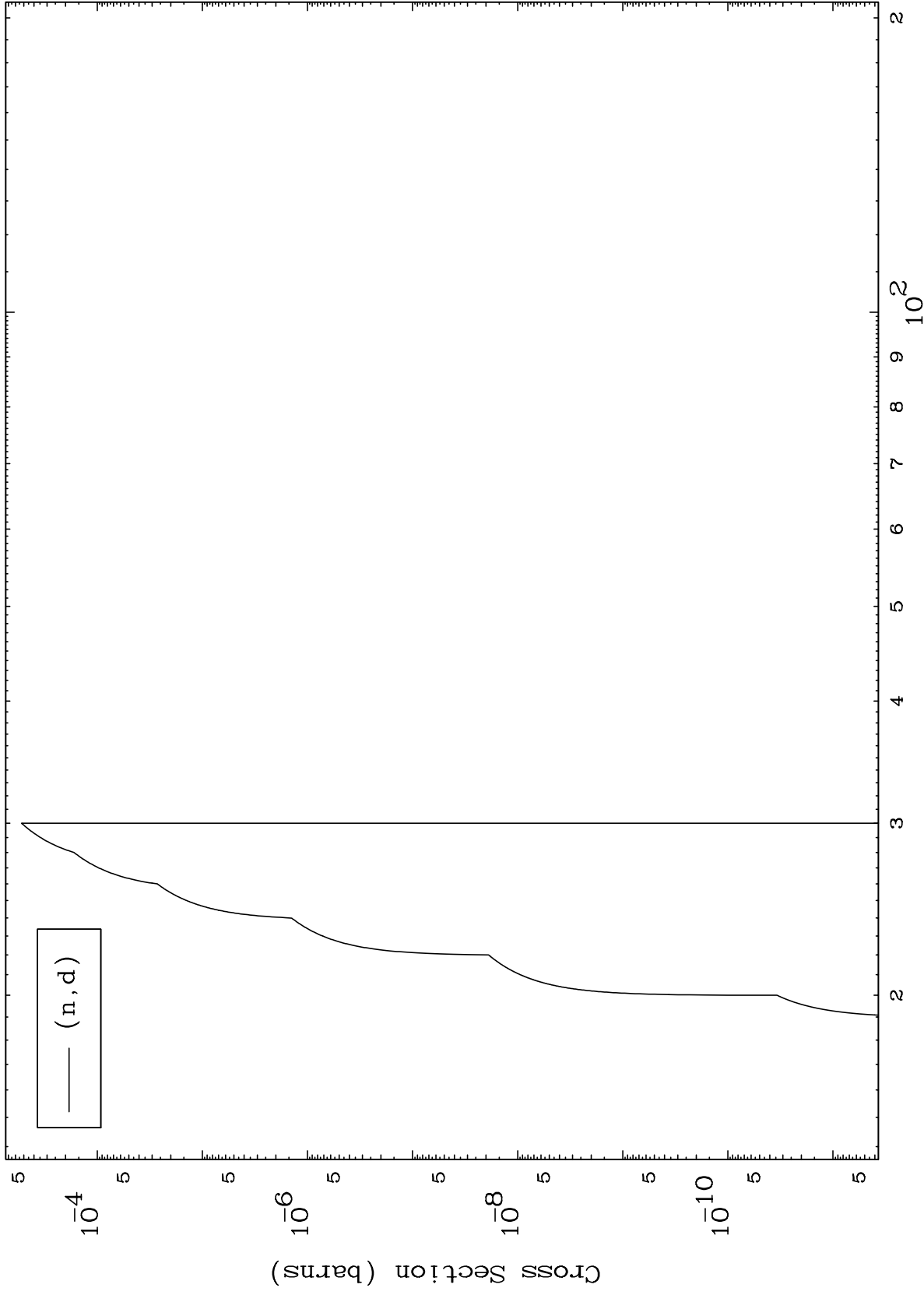


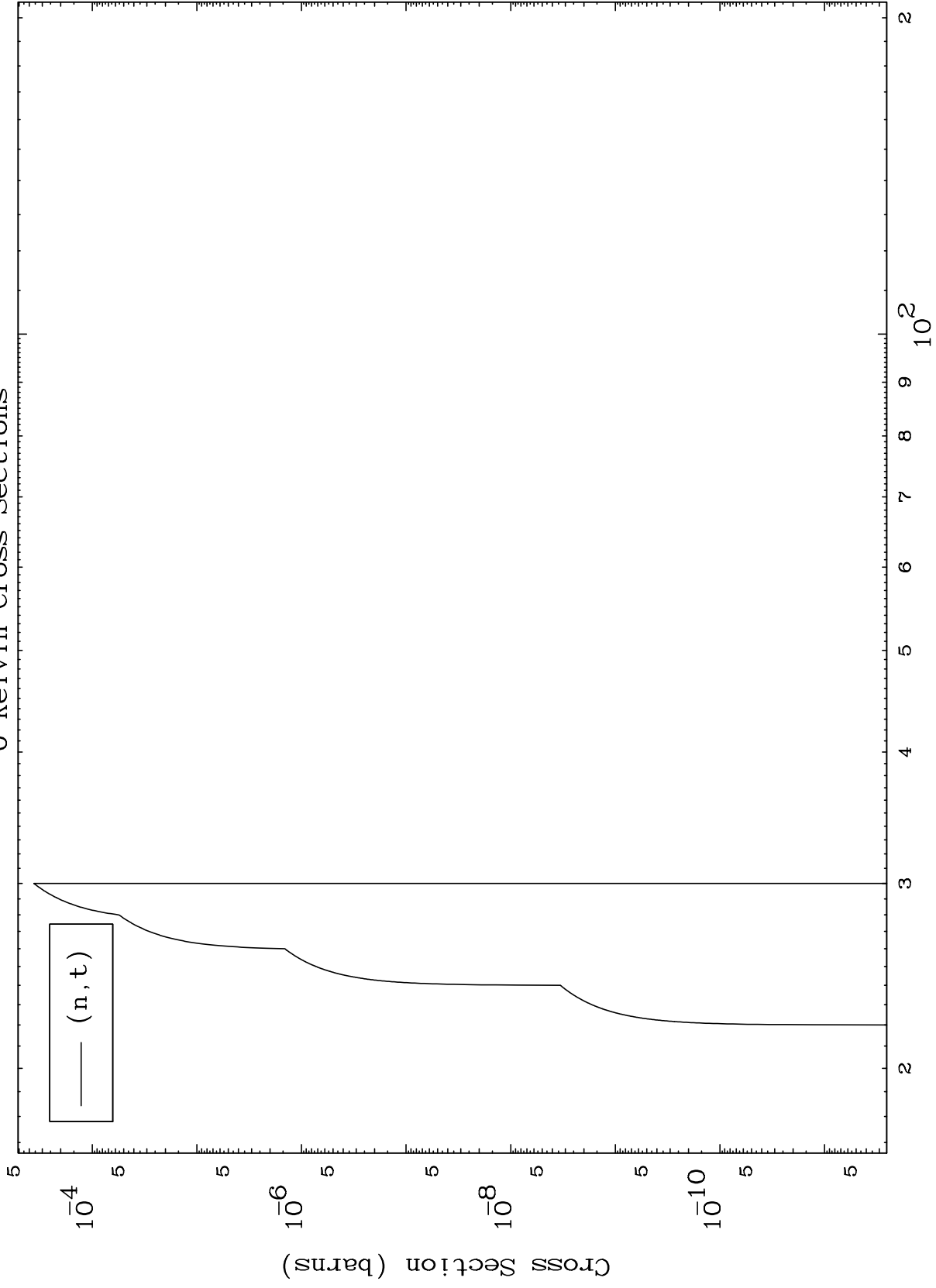
MAT 7816

(α, p) Levels

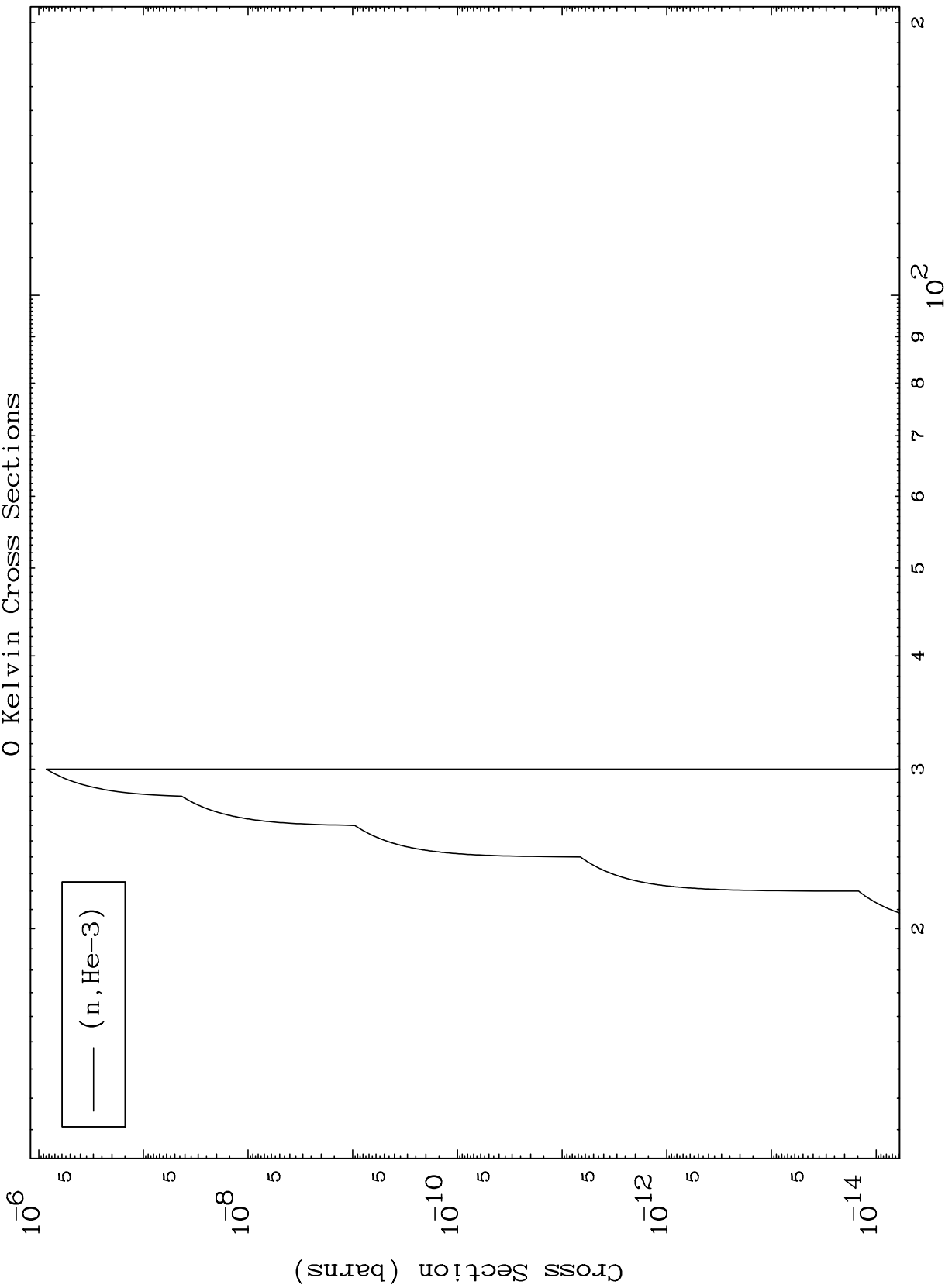
78-Pt-187







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

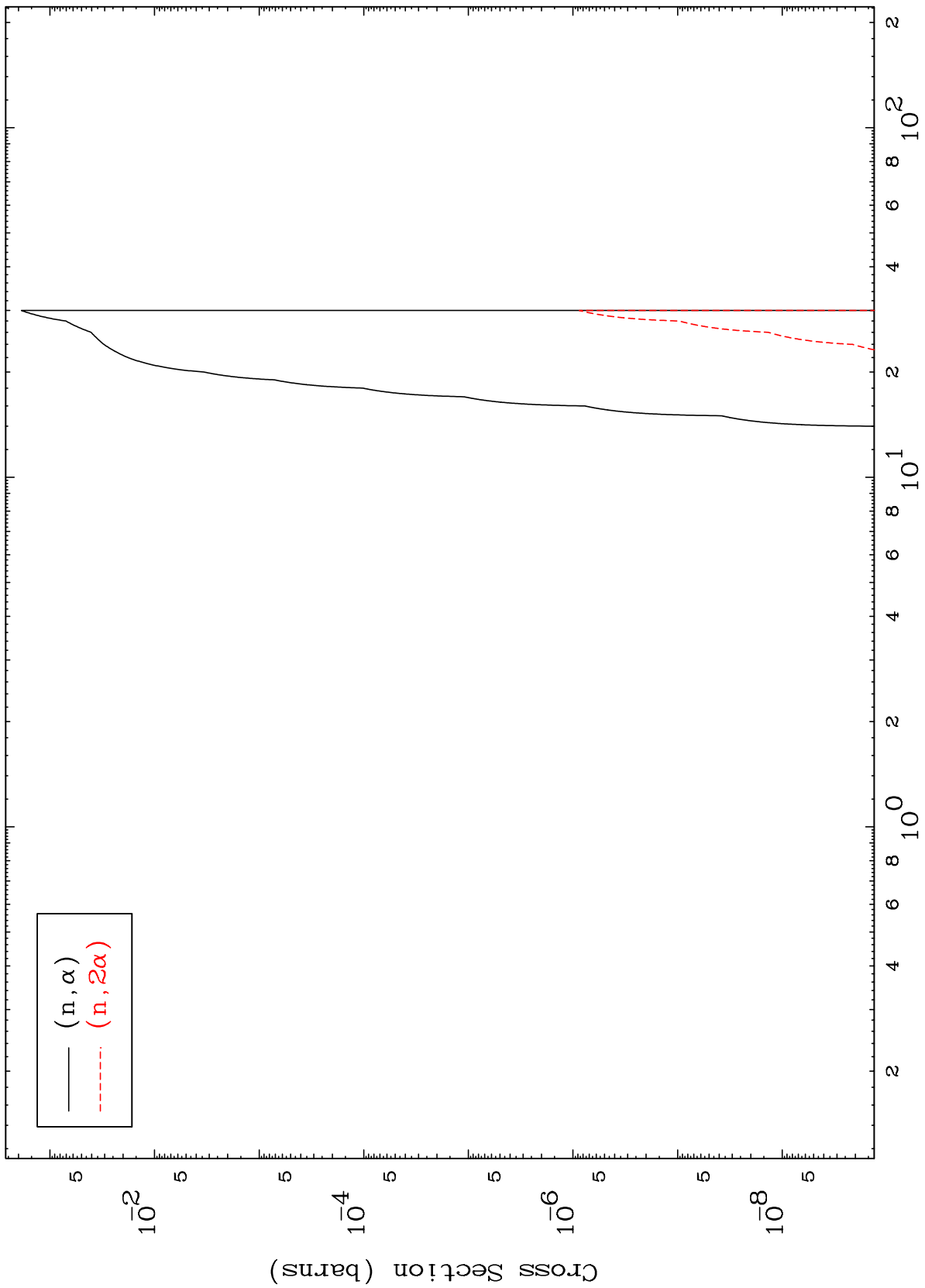


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(α, α) Levels

78-Pt-187

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

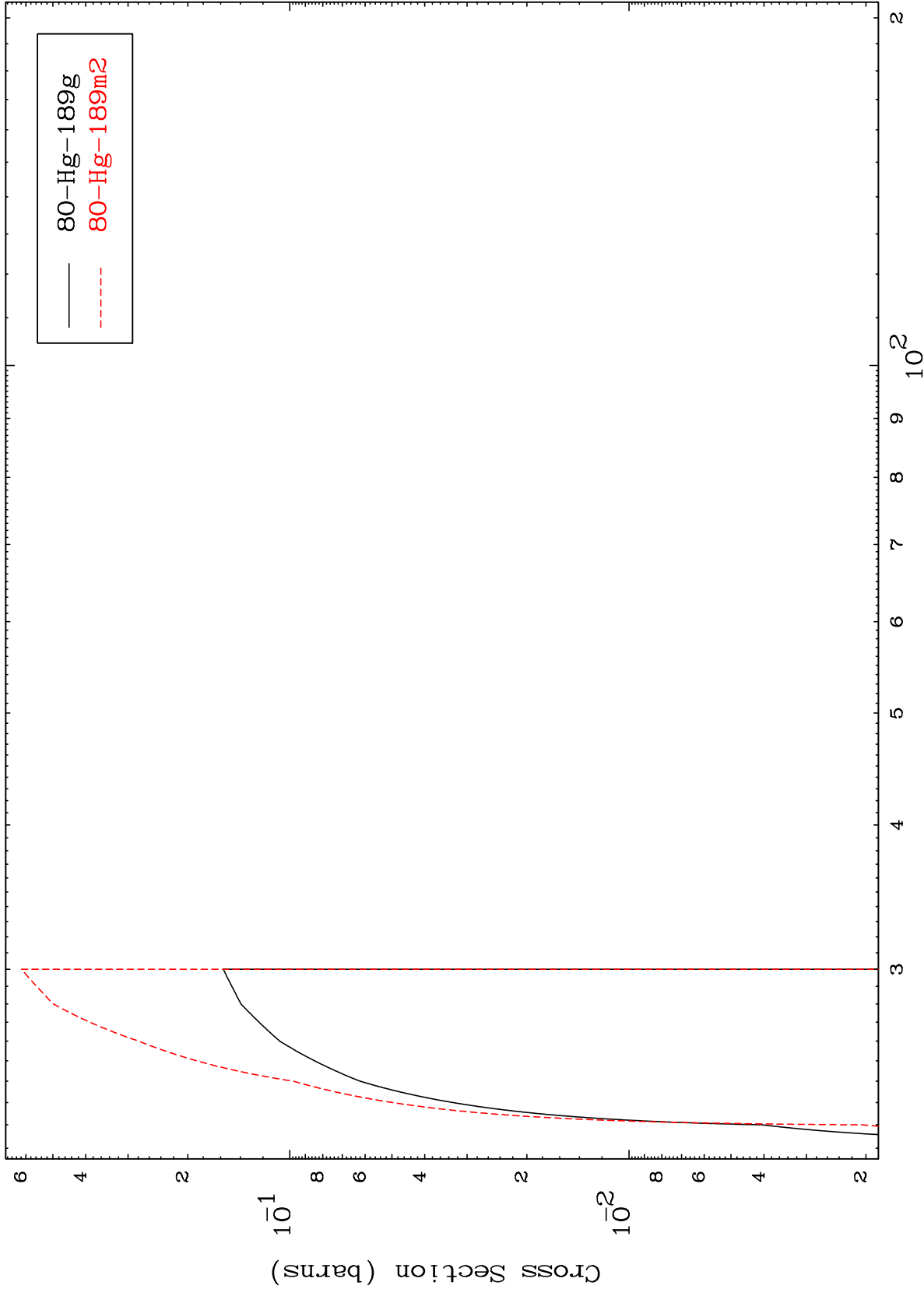
78-Pt-187

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(n,2n)

78-Pt-187

Radionuclide Production Cross Section



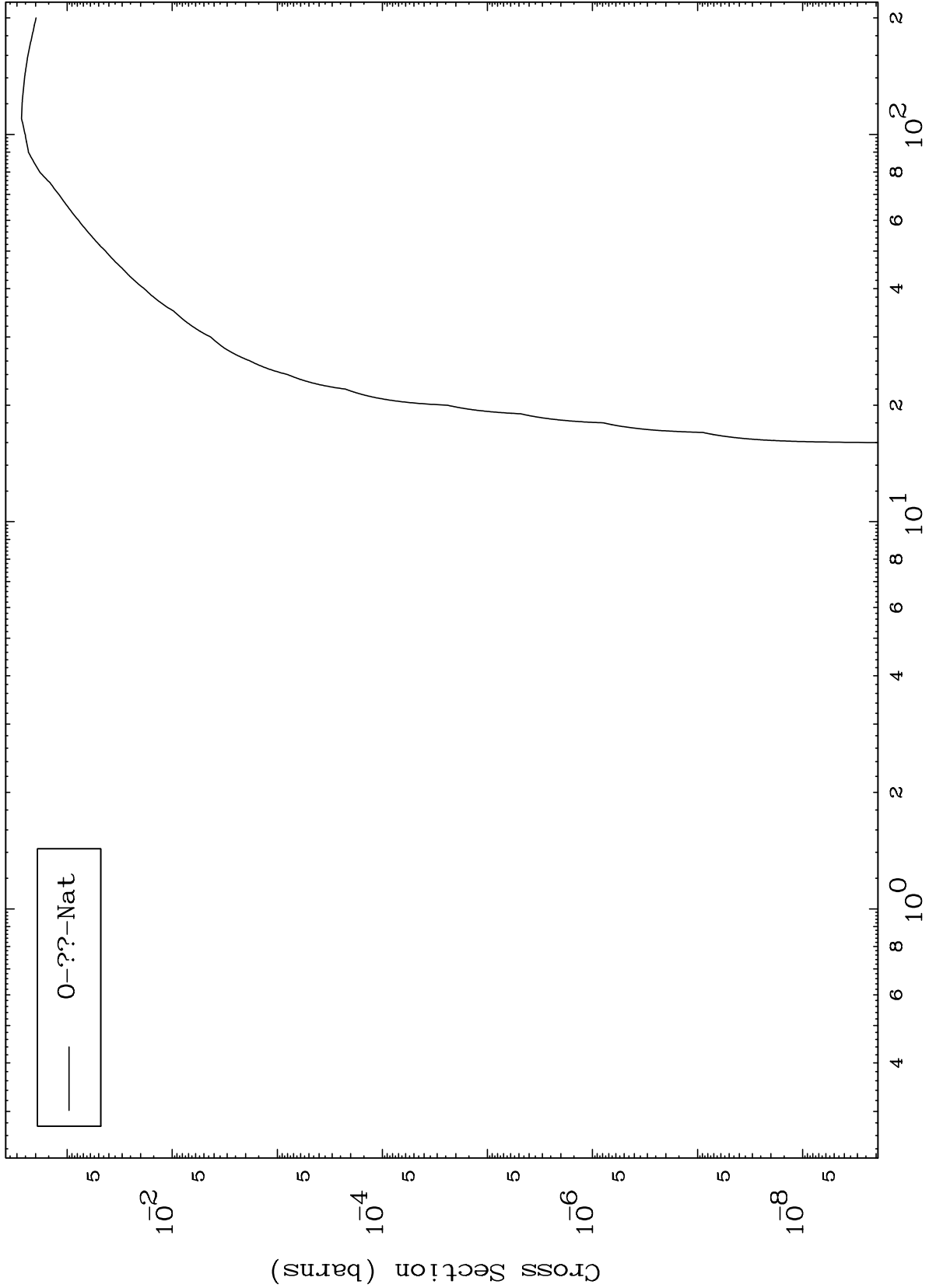
80-Hg-189g
80-Hg-189m2

MAT 7816

Fission

78-Pt-187

Radionuclide Production Cross Section



12

Incident Energy (MeV)

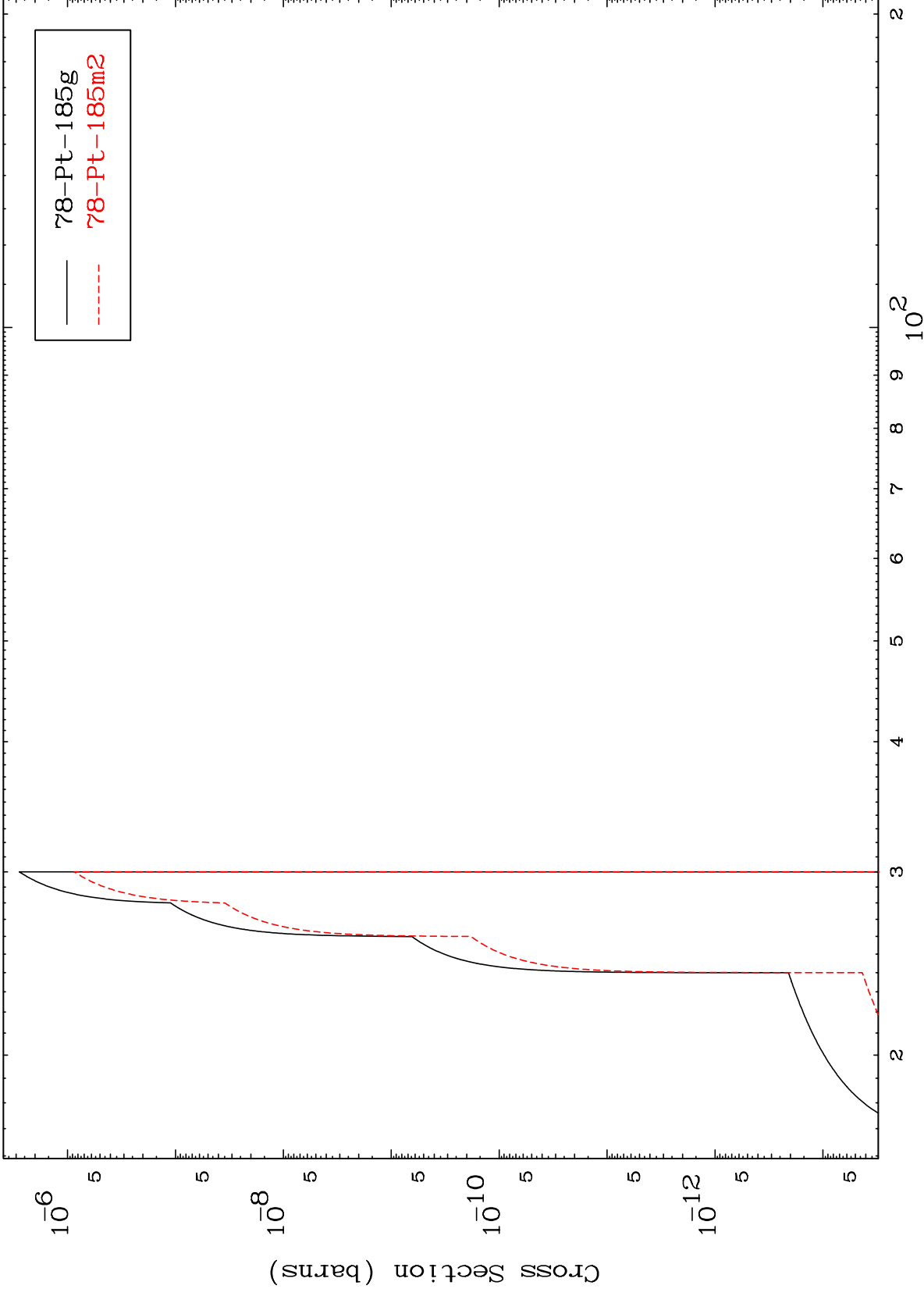
78-Pt-187

MAT 7816

(n,2n) α

78-Pt-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

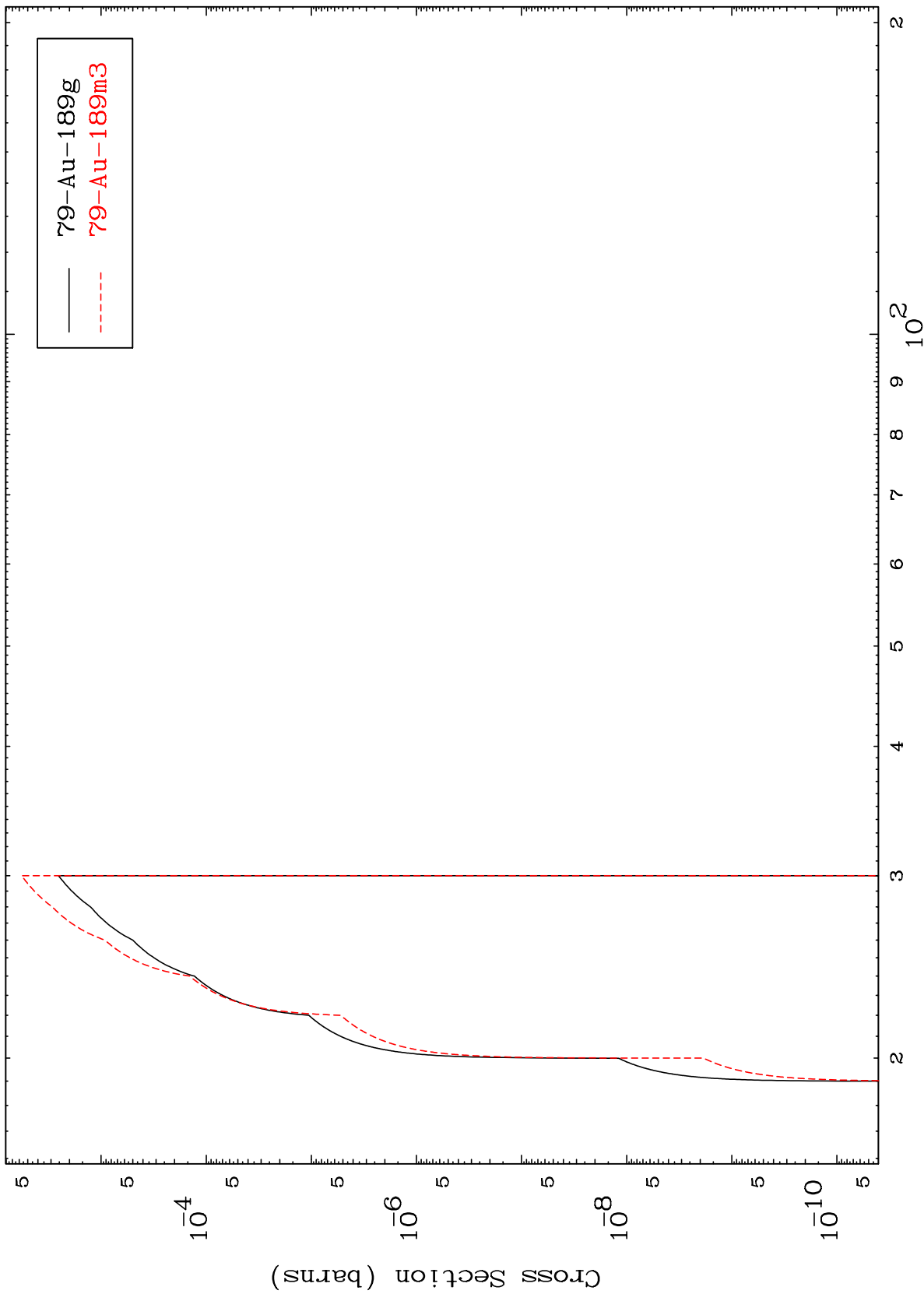
78-Pt-187

MAT 7816

(n, n') p

78-Pt-187

Radionuclide Production Cross Section



14

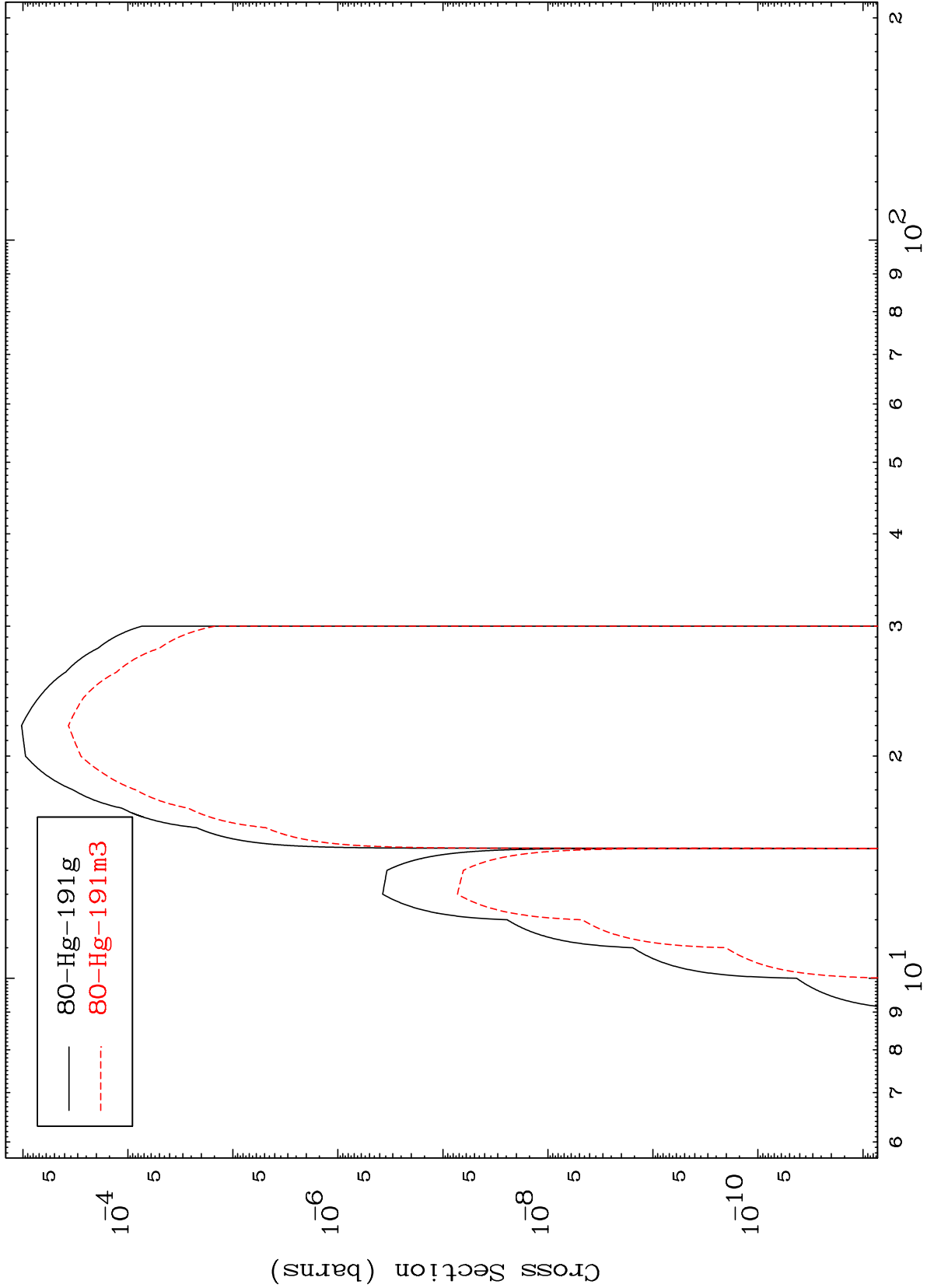
Incident Energy (MeV)

78-Pt-187

MAT 7816

78-Pt-187

Radionuclide Production Cross Section
(n,γ)



78-Pt-187

Incident Energy (MeV)

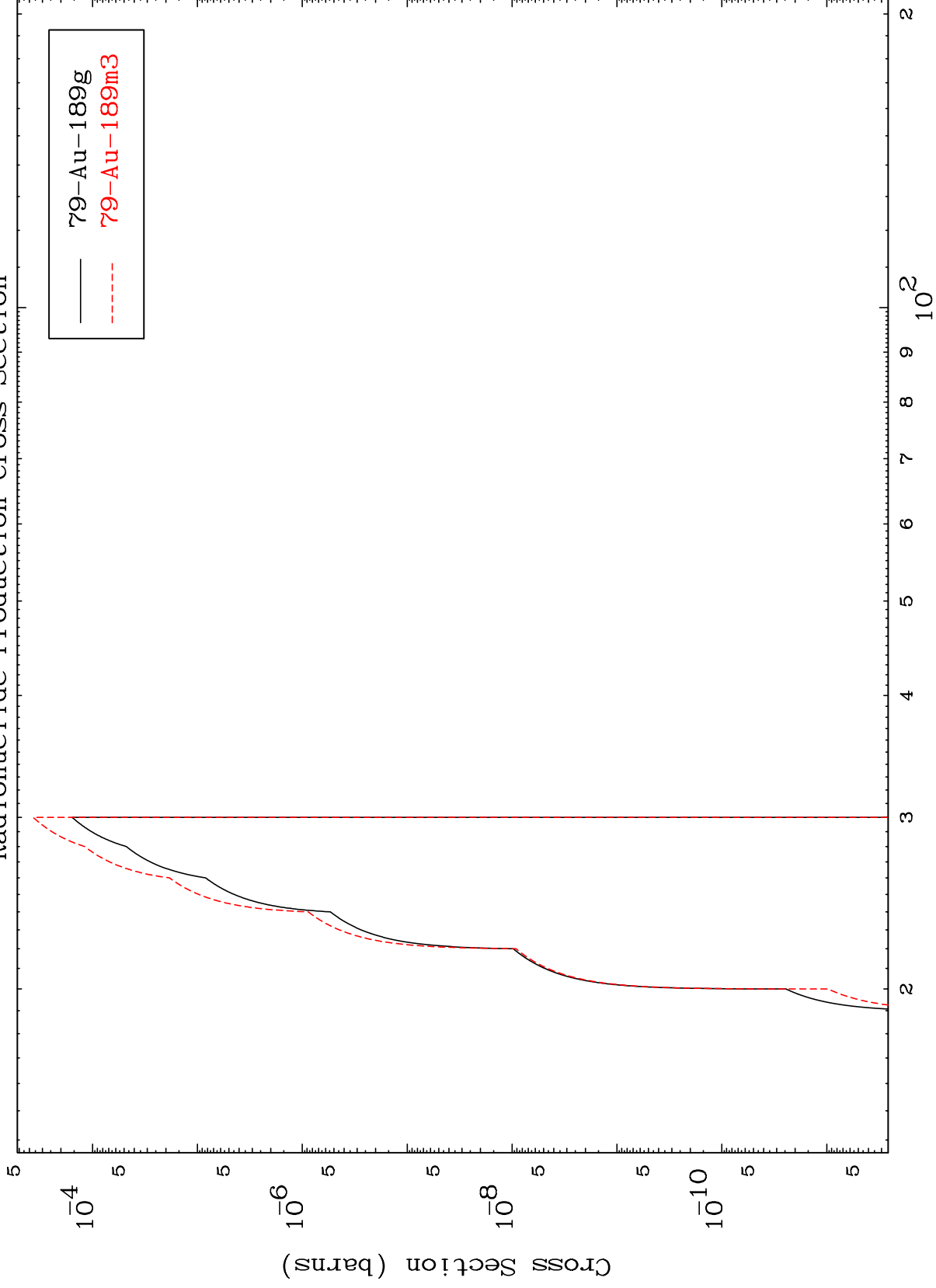
15

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(n,d)

78-Pt-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

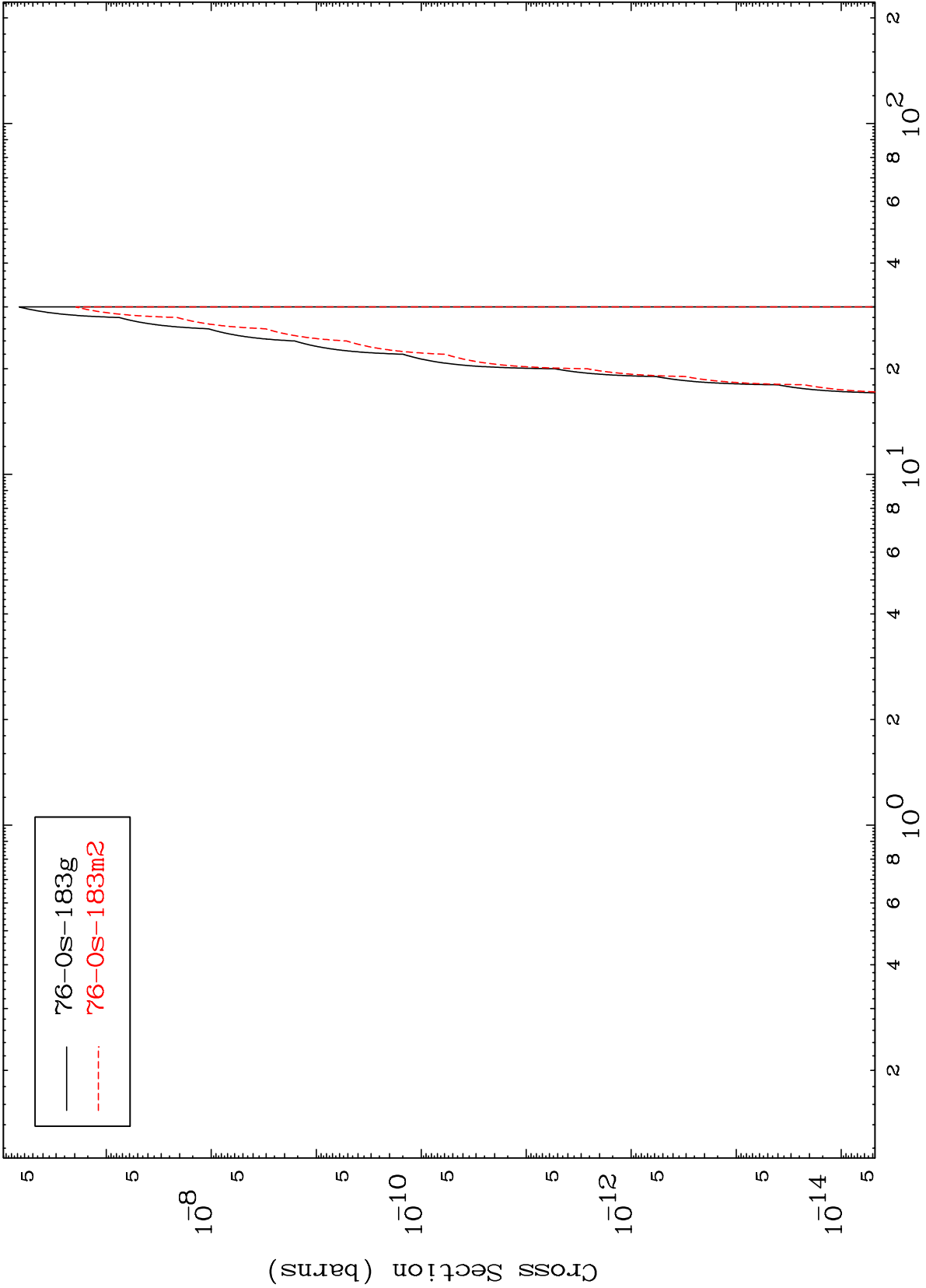
78-Pt-187

MAT 7816

(n,2α)

78-Pt-187

Radionuclide Production Cross Section



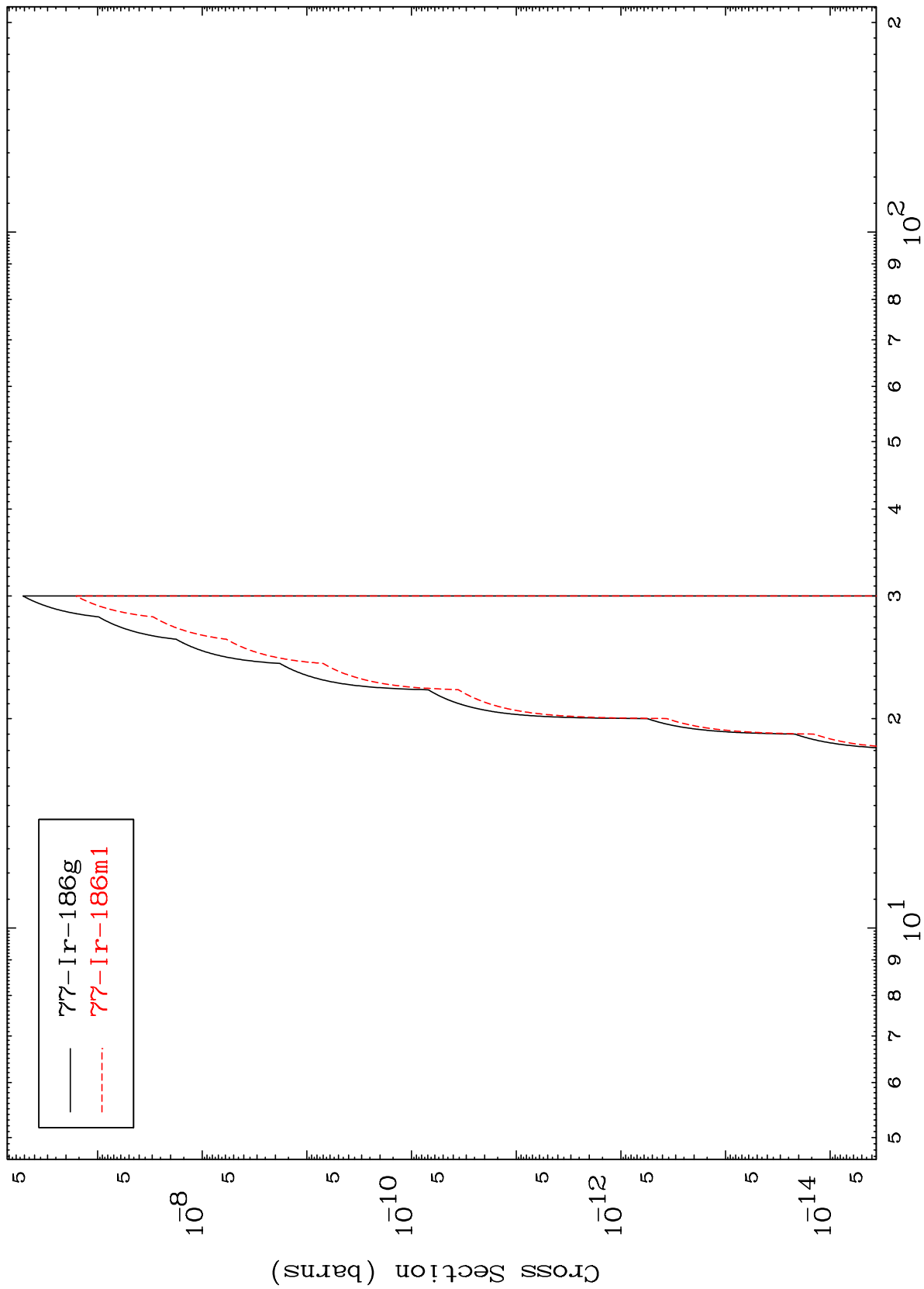
76-Os-183g
76-Os-183m2

MAT 7816

$(n,p) \alpha$

78-Pt-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

78-Pt-187