

Program EVALPLOT
(Version 2021-1)

by

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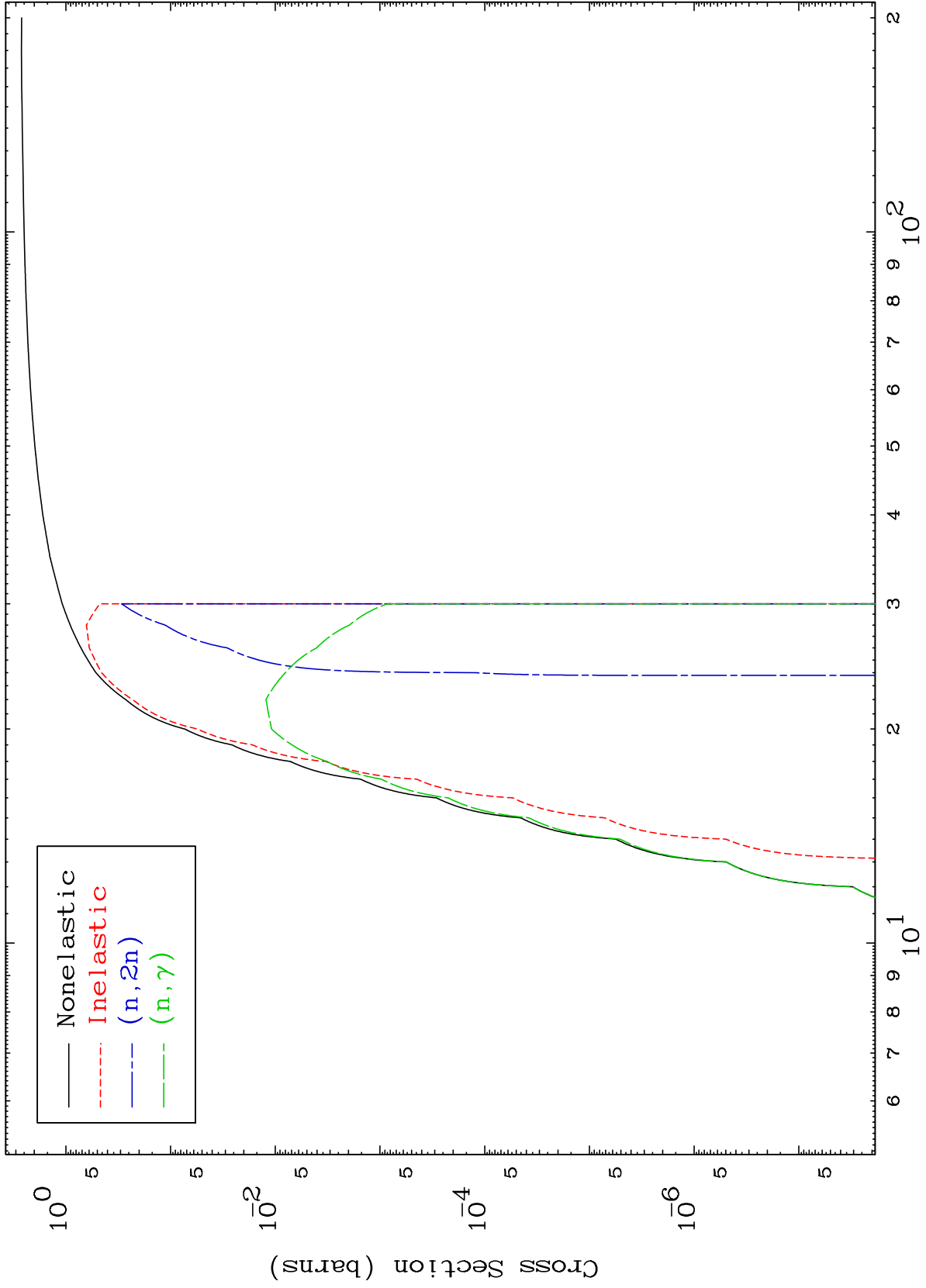
Press Mouse Button to Start

MAT 7805

0 Kelvin

α Major Cross Sections

78-Pt-183m



1

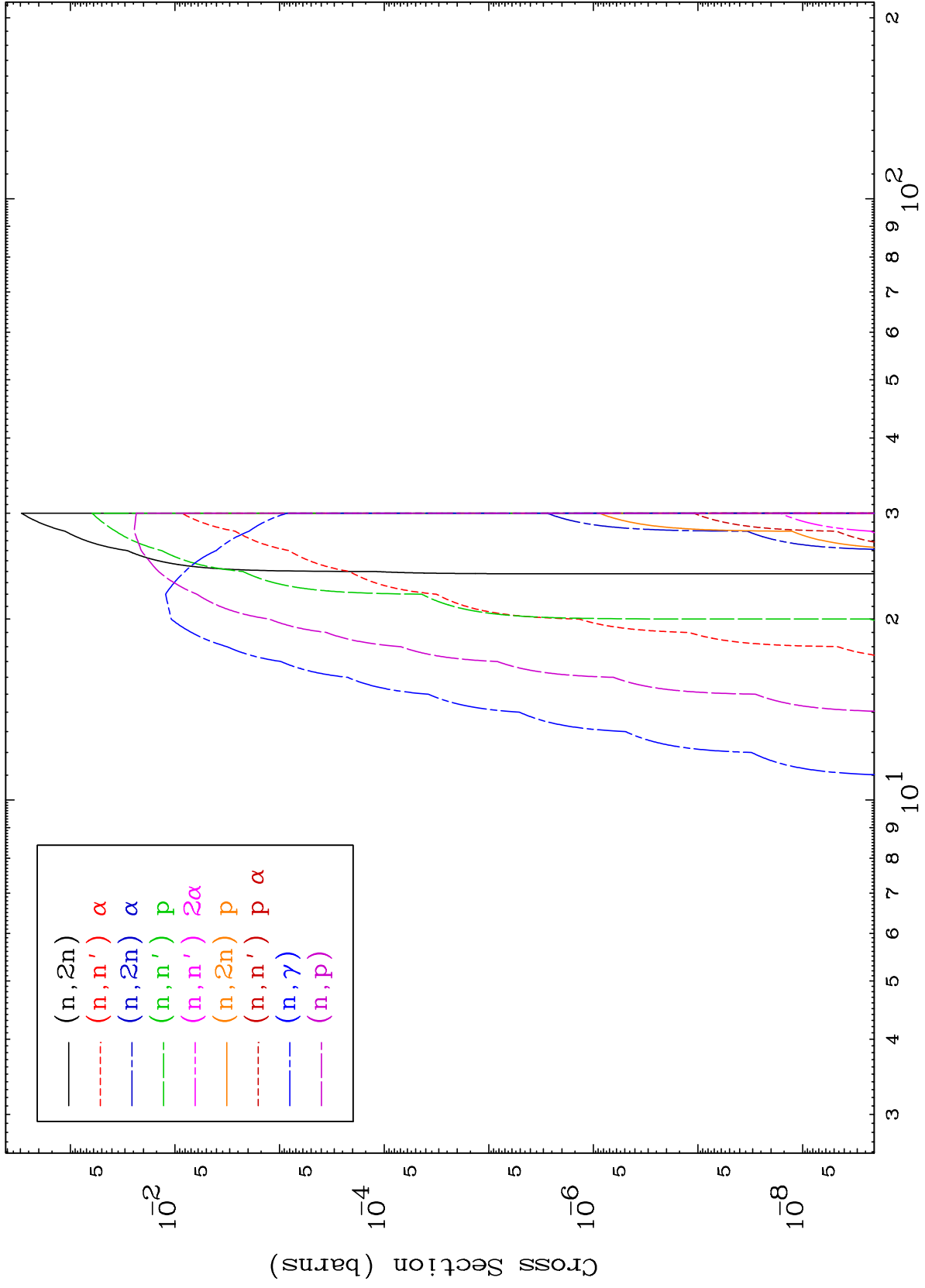
Incident Energy (MeV)

78-Pt-183m

MAT 7805

α Neutron Absorption
0 Kelvin Cross Sections

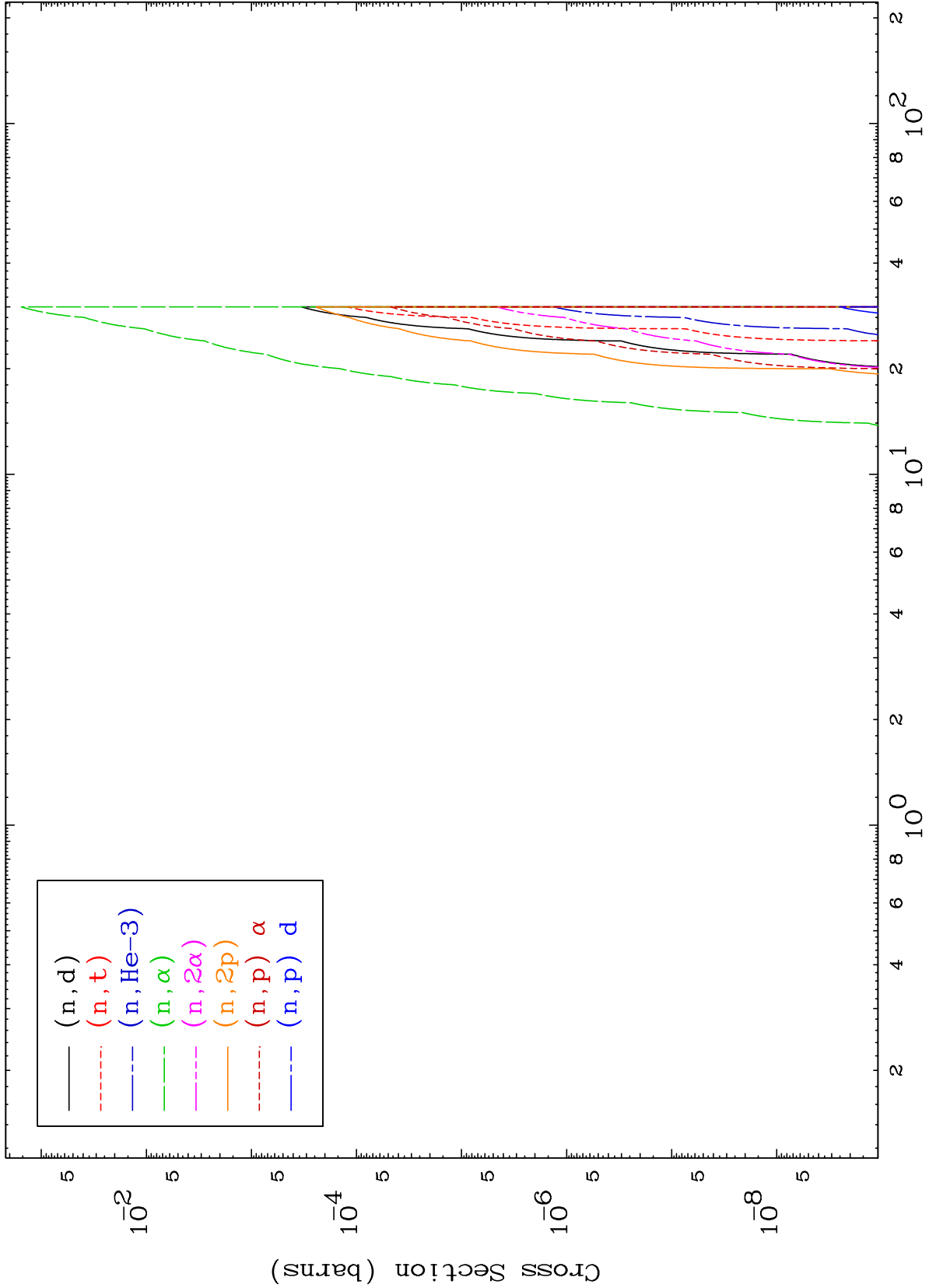
78-Pt-183m



MAT 7805

α Neutron Absorption
0 Kelvin Cross Sections

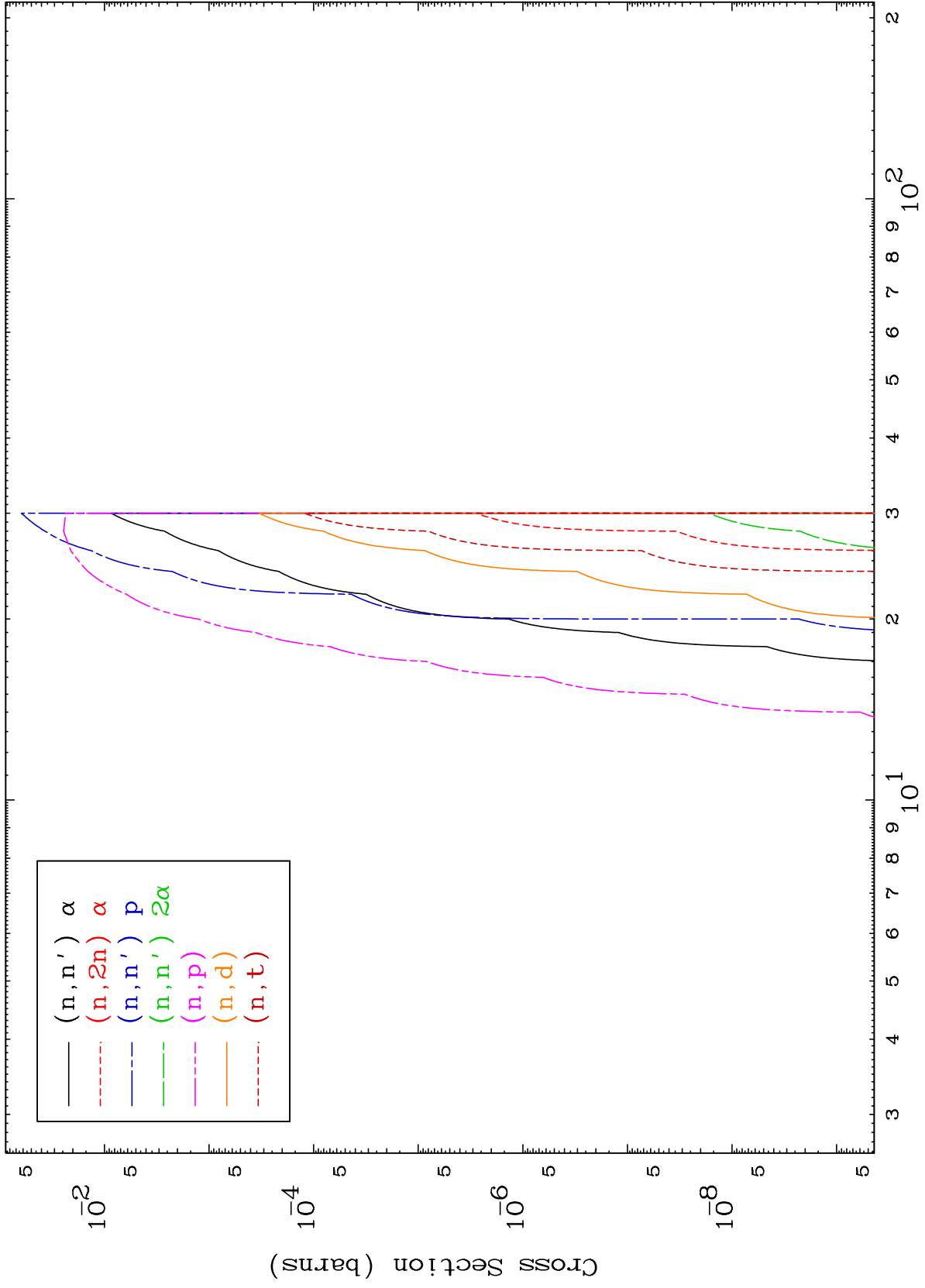
78-Pt-183m



MAT 7805

α Charged Particle
0 Kelvin Cross Sections

78-Pt-183m



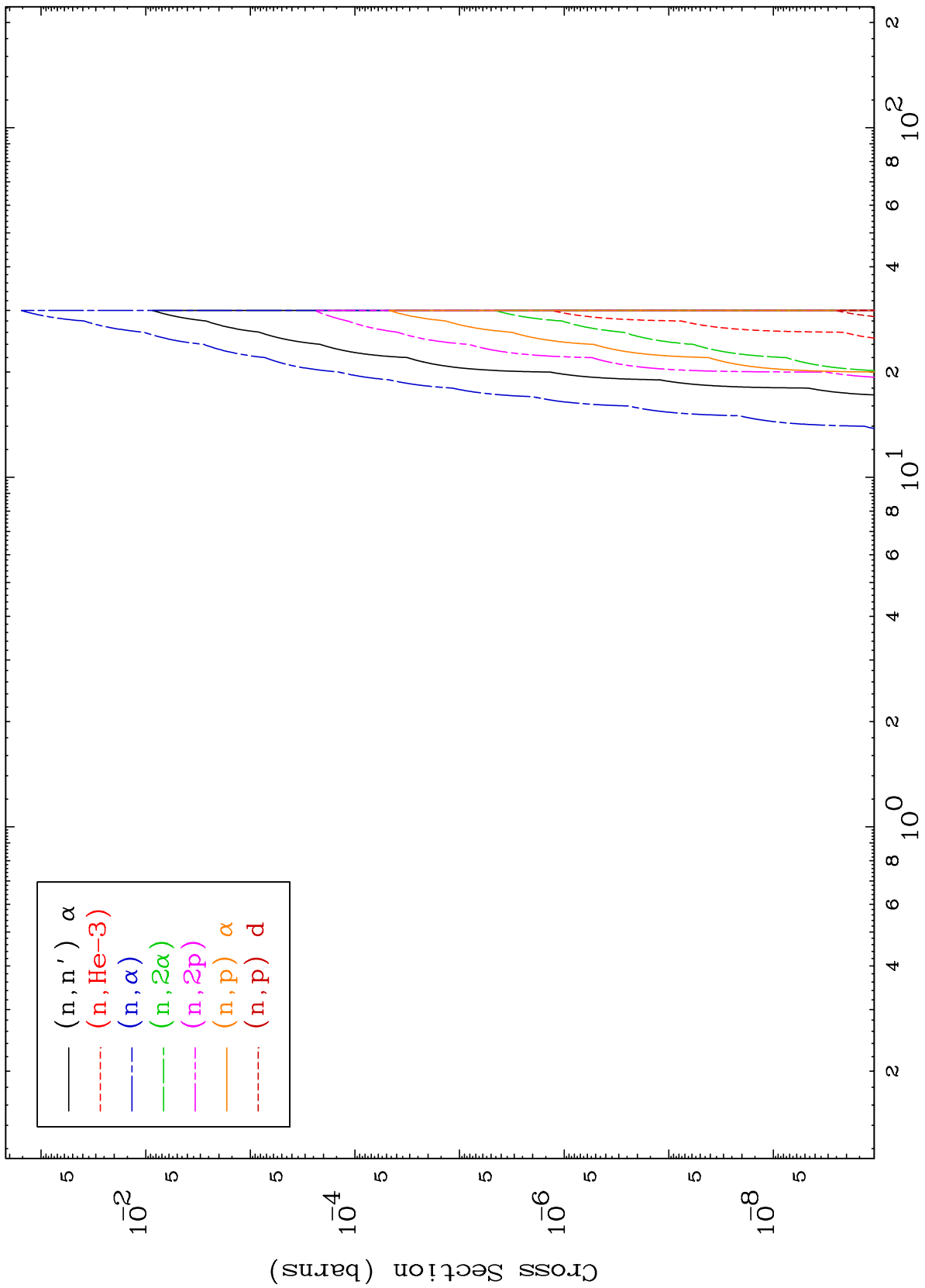
78-Pt-183m

Incident Energy (MeV)

MAT 7805

α Charged Particle
0 Kelvin Cross Sections

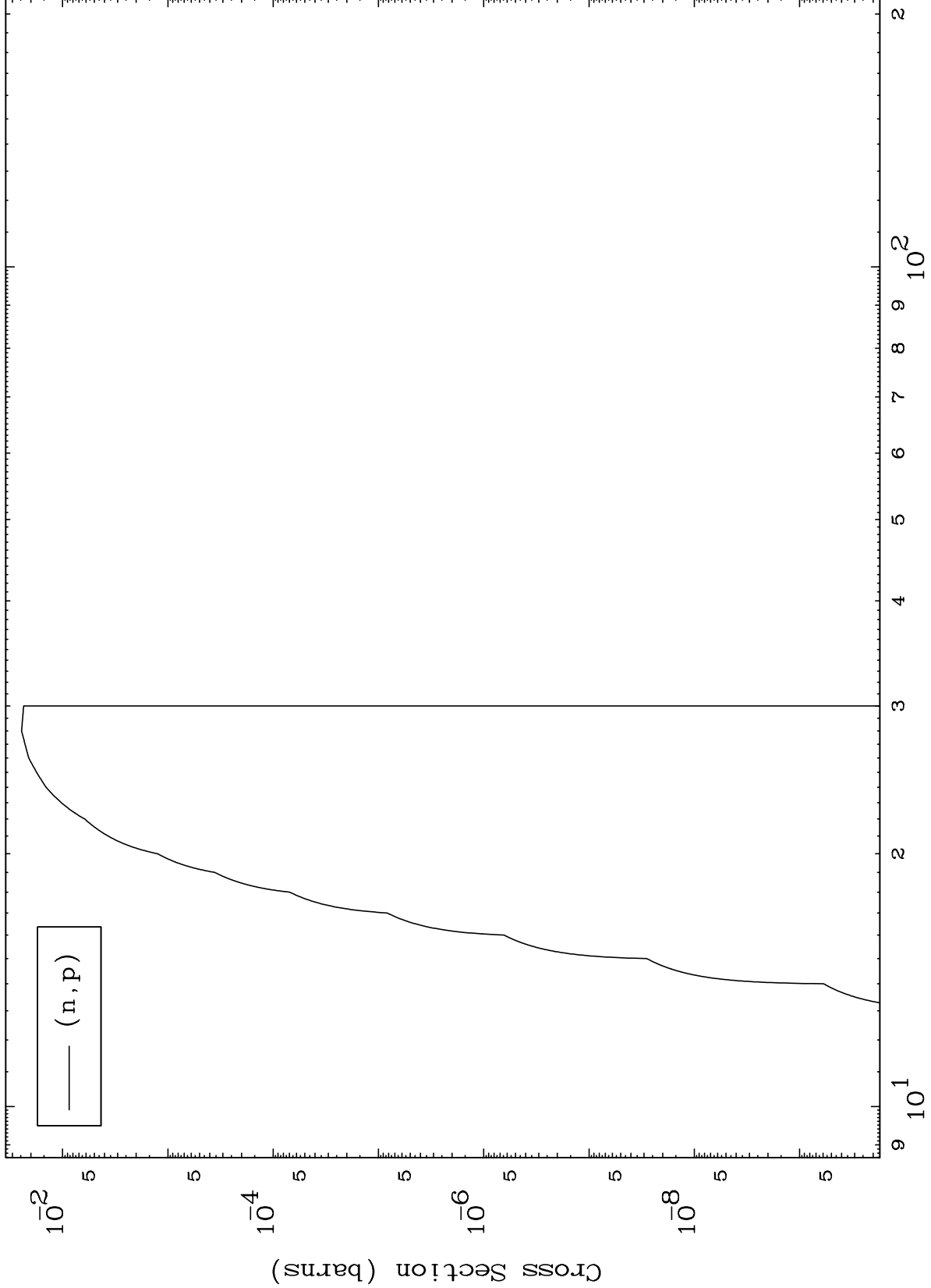
78-Pt-183m



MAT 7805

(α, p) Levels
0 Kelvin Cross Sections

78-Pt-183m



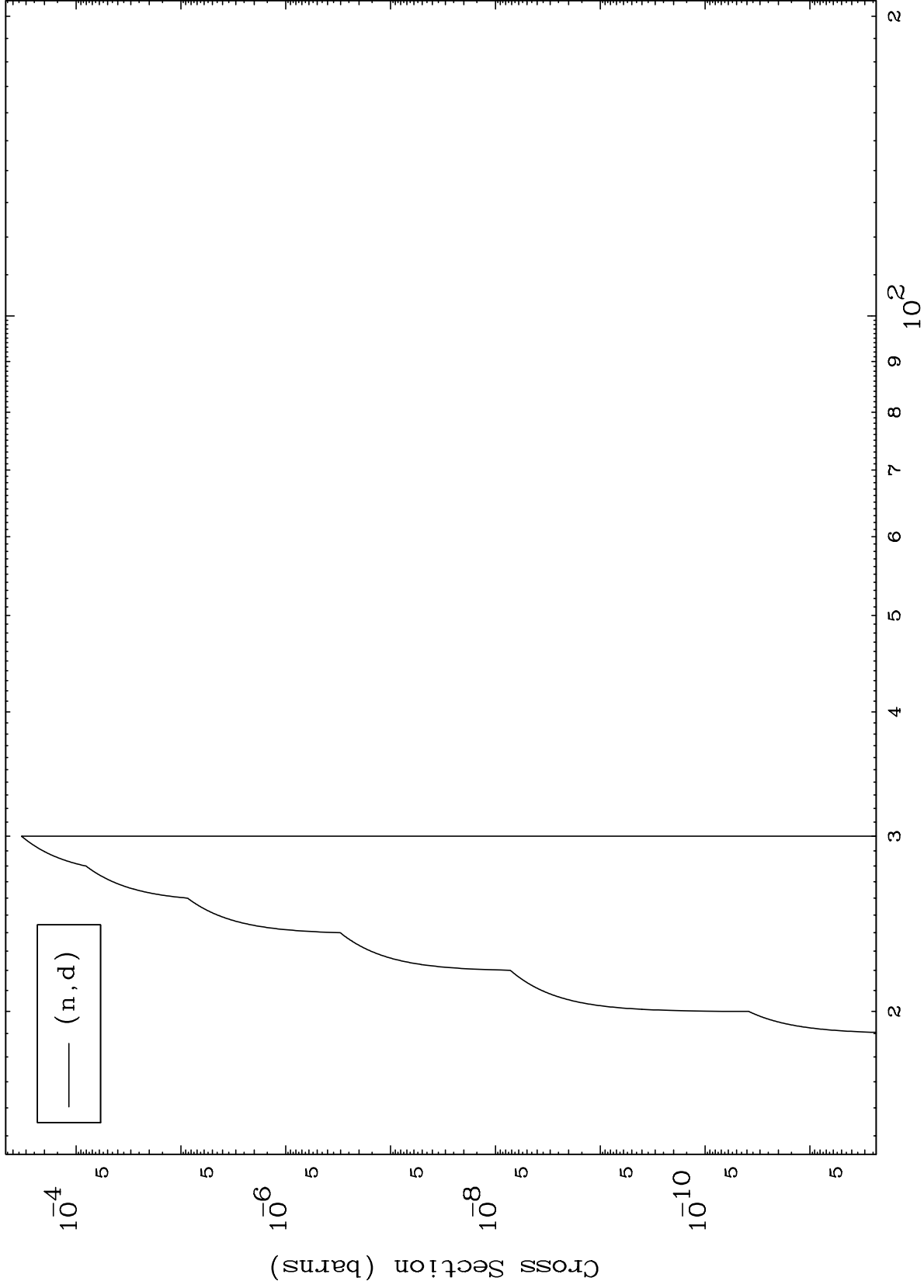
Incident Energy (MeV)

78-Pt-183m

MAT 7805

(α, d) Levels
0 Kelvin Cross Sections

78-Pt-183m



7

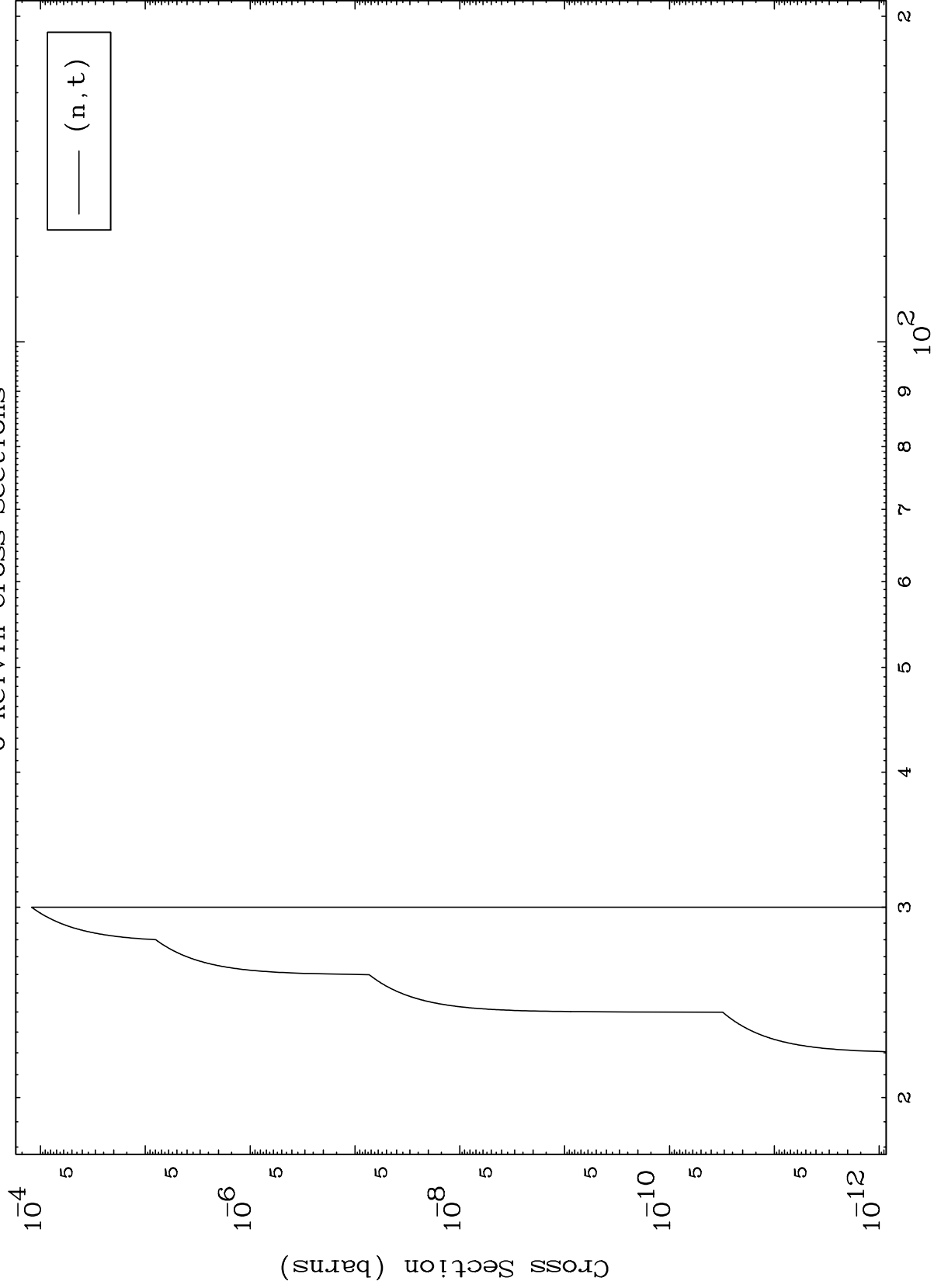
Incident Energy (MeV)

78-Pt-183m

MAT 7805

78-Pt-183m

(α, t) Levels
0 Kelvin Cross Sections

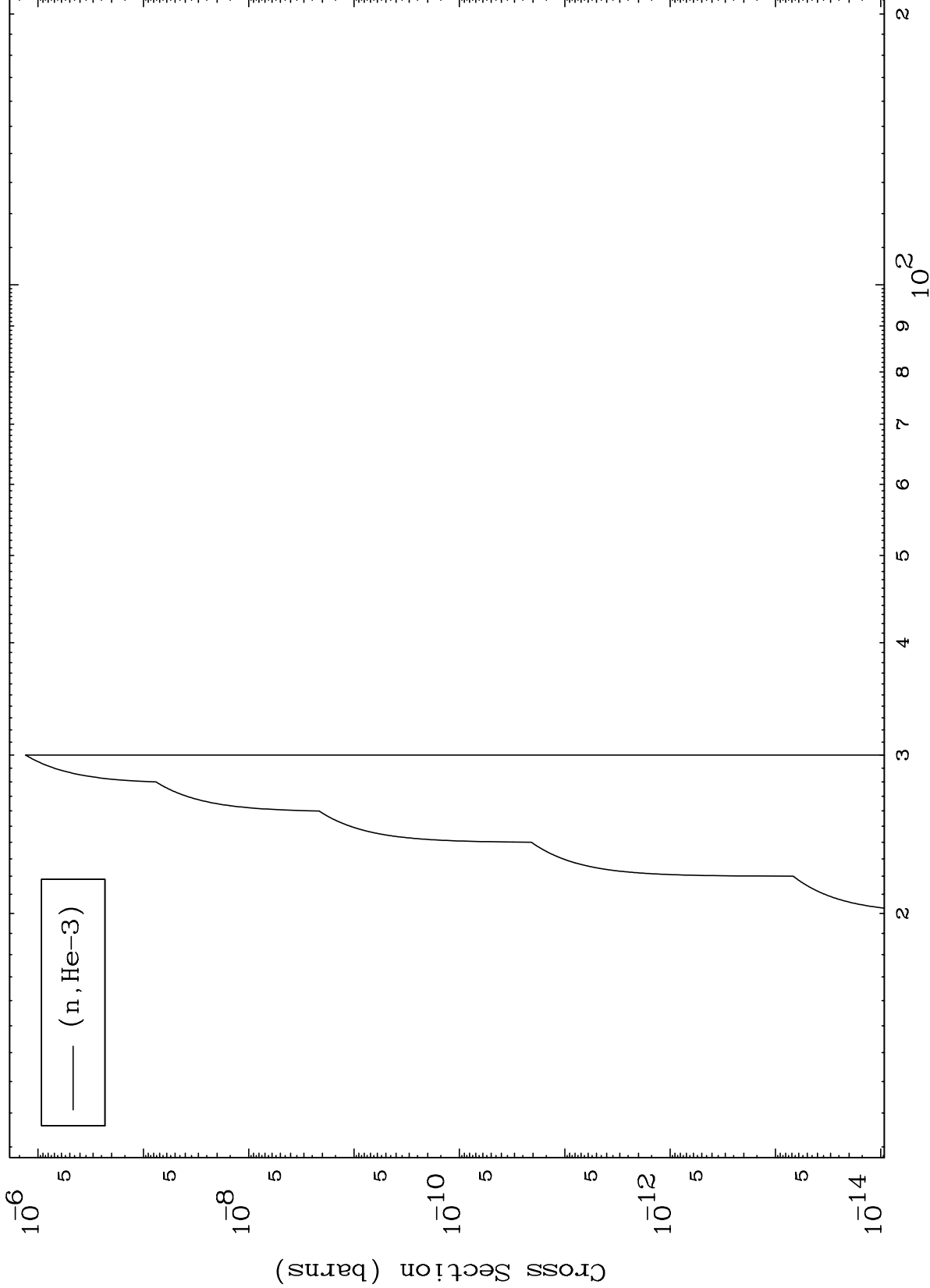


8

Incident Energy (MeV)

78-Pt-183m

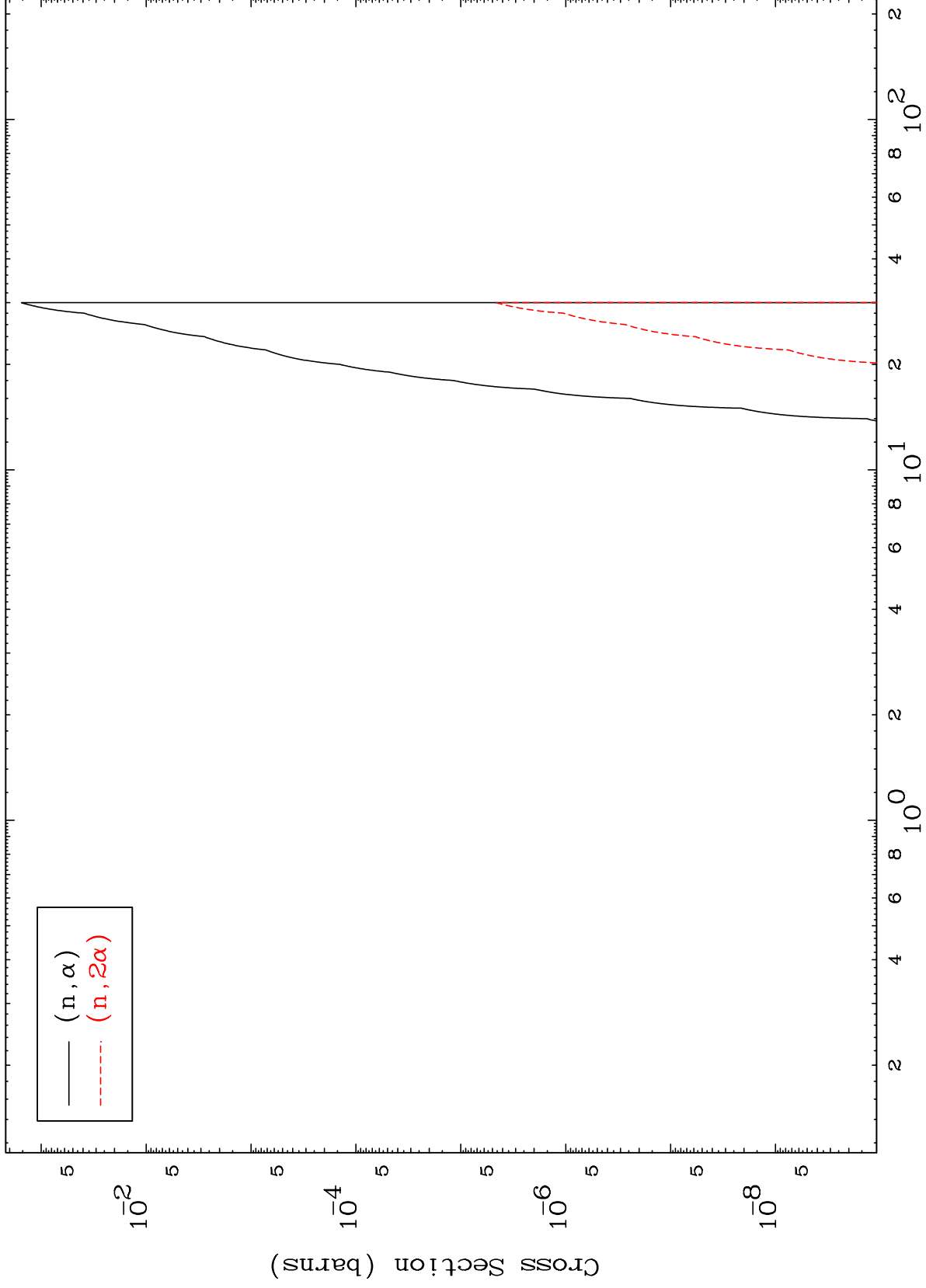
0 Kelvin Cross Sections



MAT 7805

(α, α) Levels
0 Kelvin Cross Sections

78-Pt-183m



10

Incident Energy (MeV)

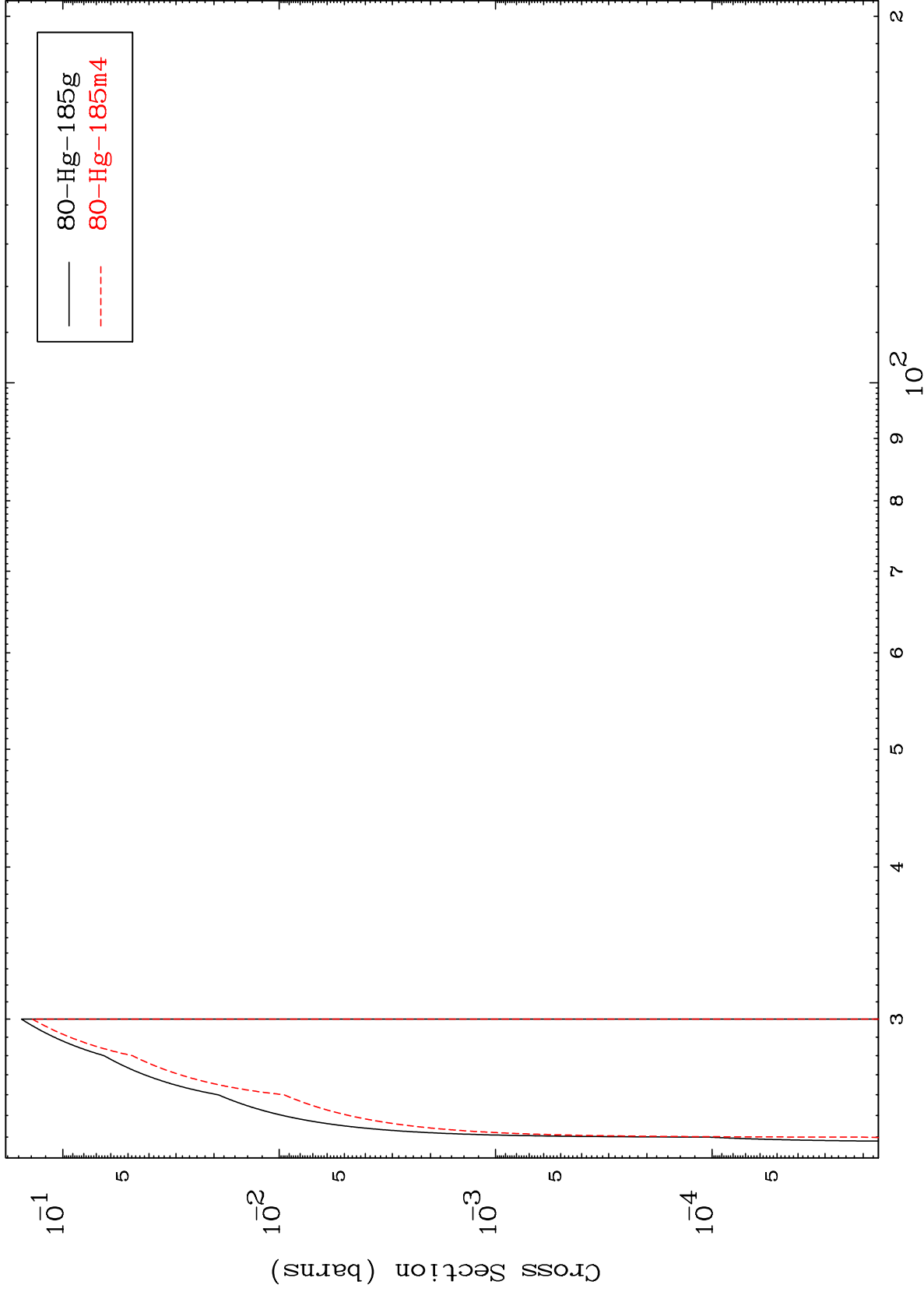
78-Pt-183m

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(n,2n)

78-Pt-183m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

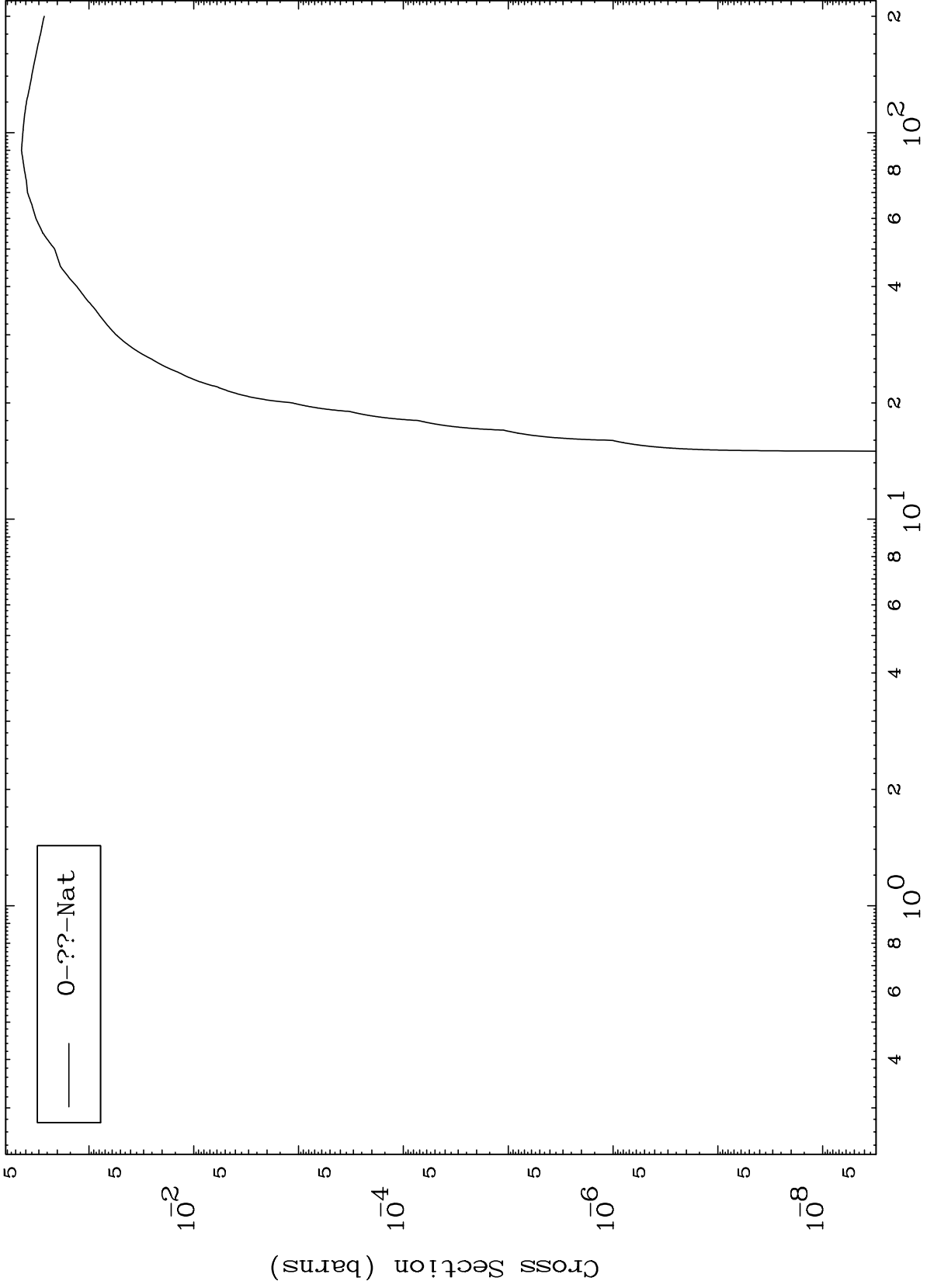
78-Pt-183m

MAT 7805

Fission

⁷⁸Pt-183m

Radionuclide Production Cross Section

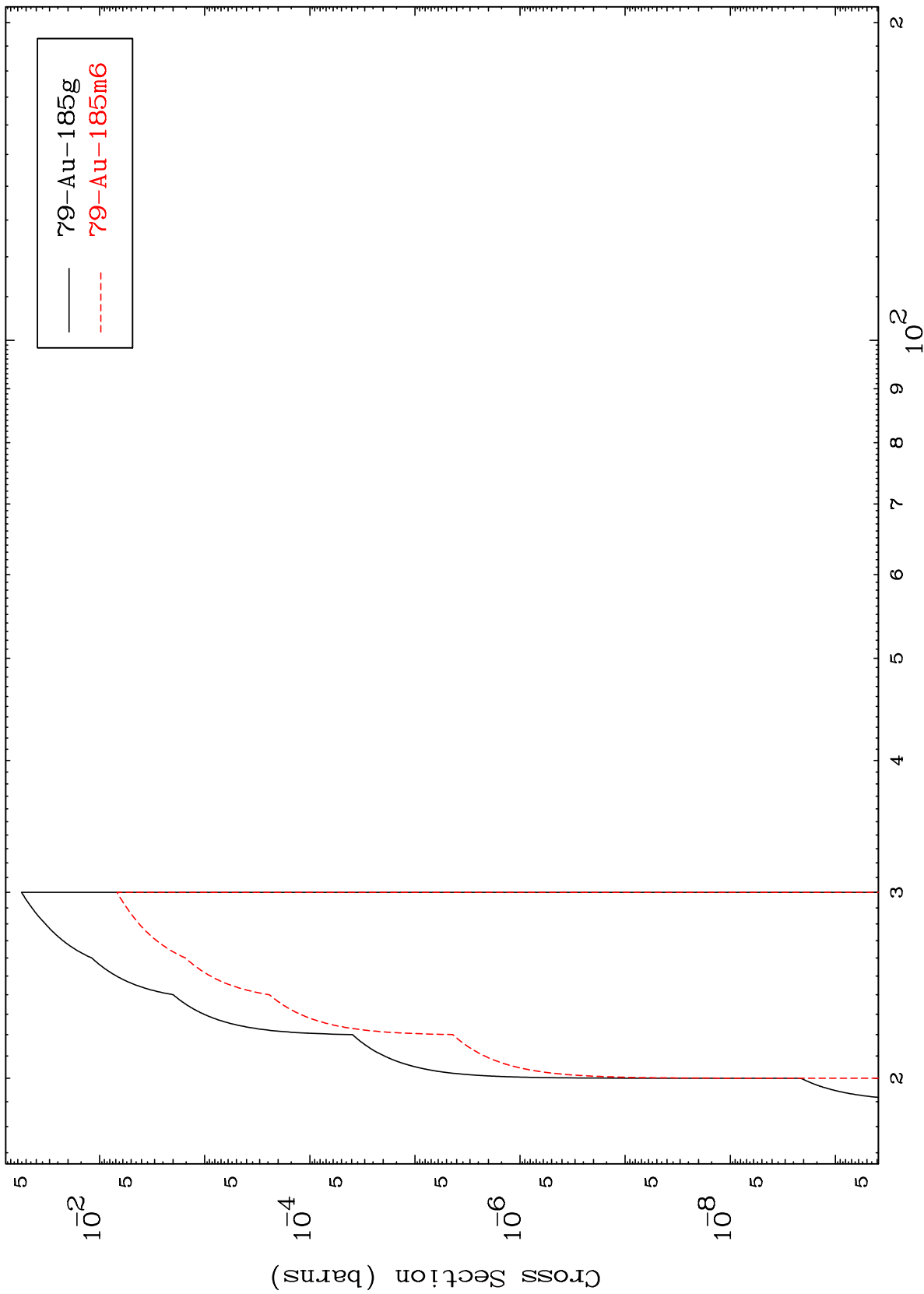


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(n,n') p

78-Pt-183m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

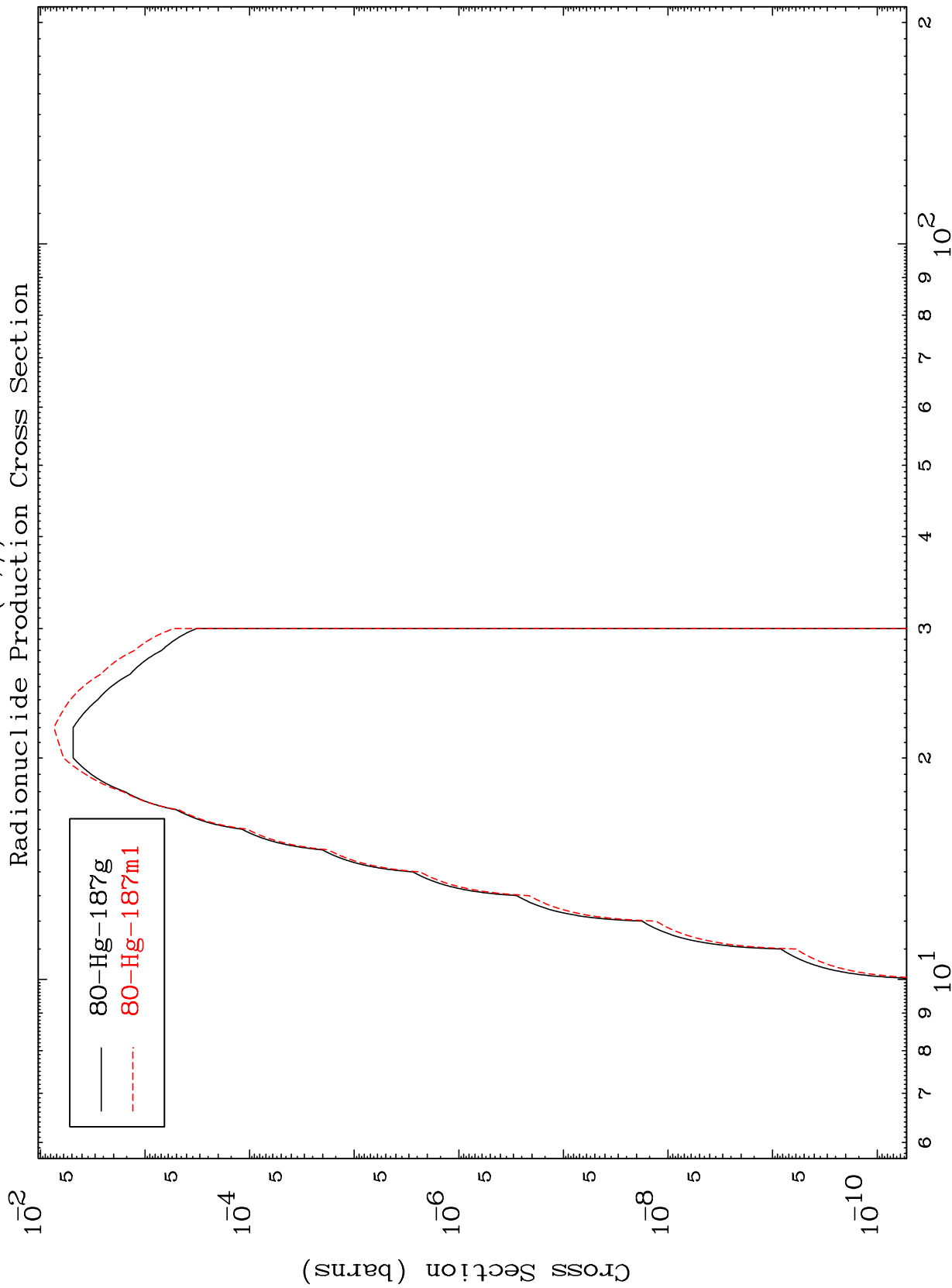
78-Pt-183m

MAT 7805

78-Pt-183m

Radionuclide Production Cross Section

(n, γ)



80-Hg-187g
80-Hg-187m1

Incident Energy (MeV)

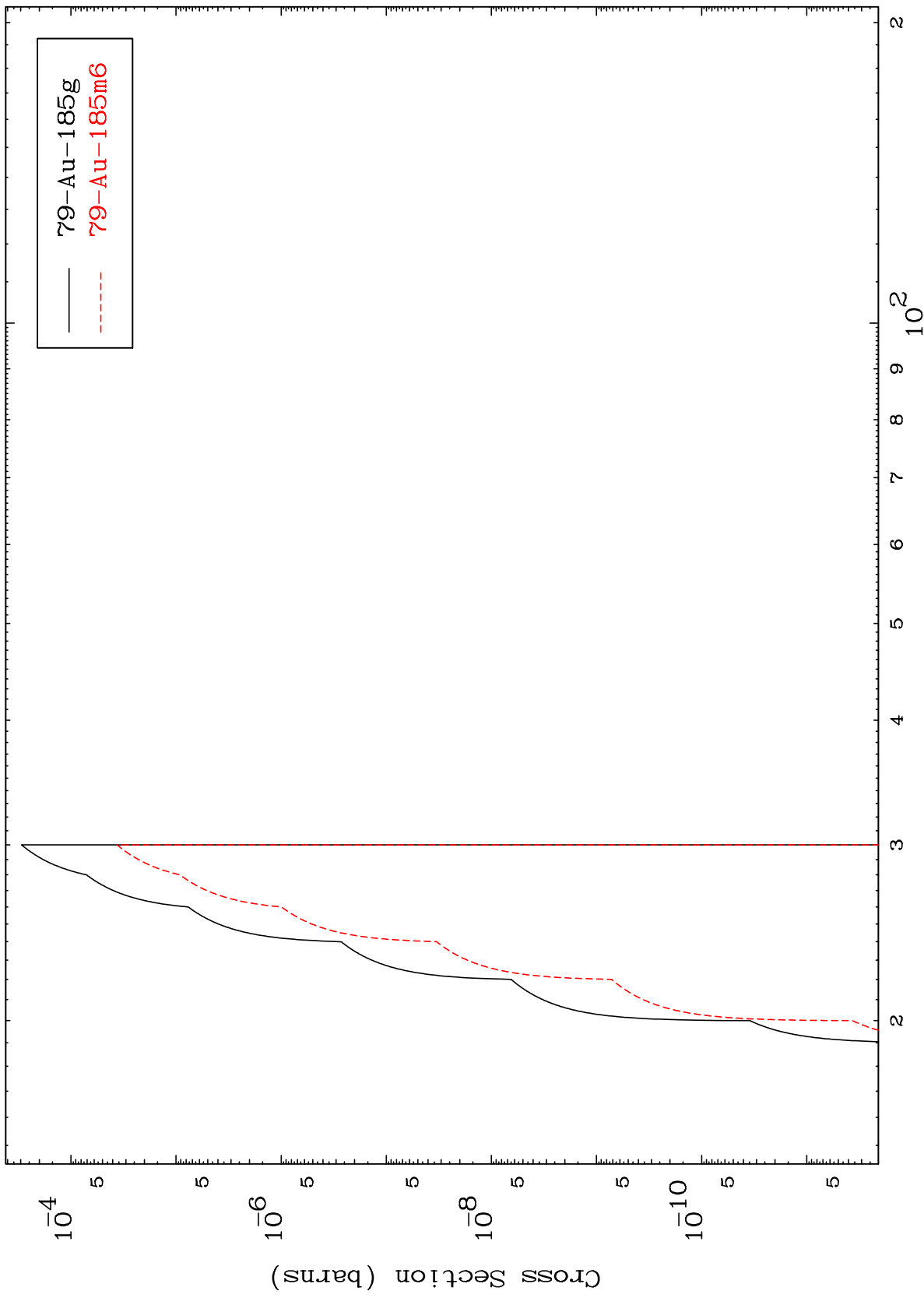
78-Pt-183m

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78-Pt-183m

(n,d)
Radionuclide Production Cross Section



15

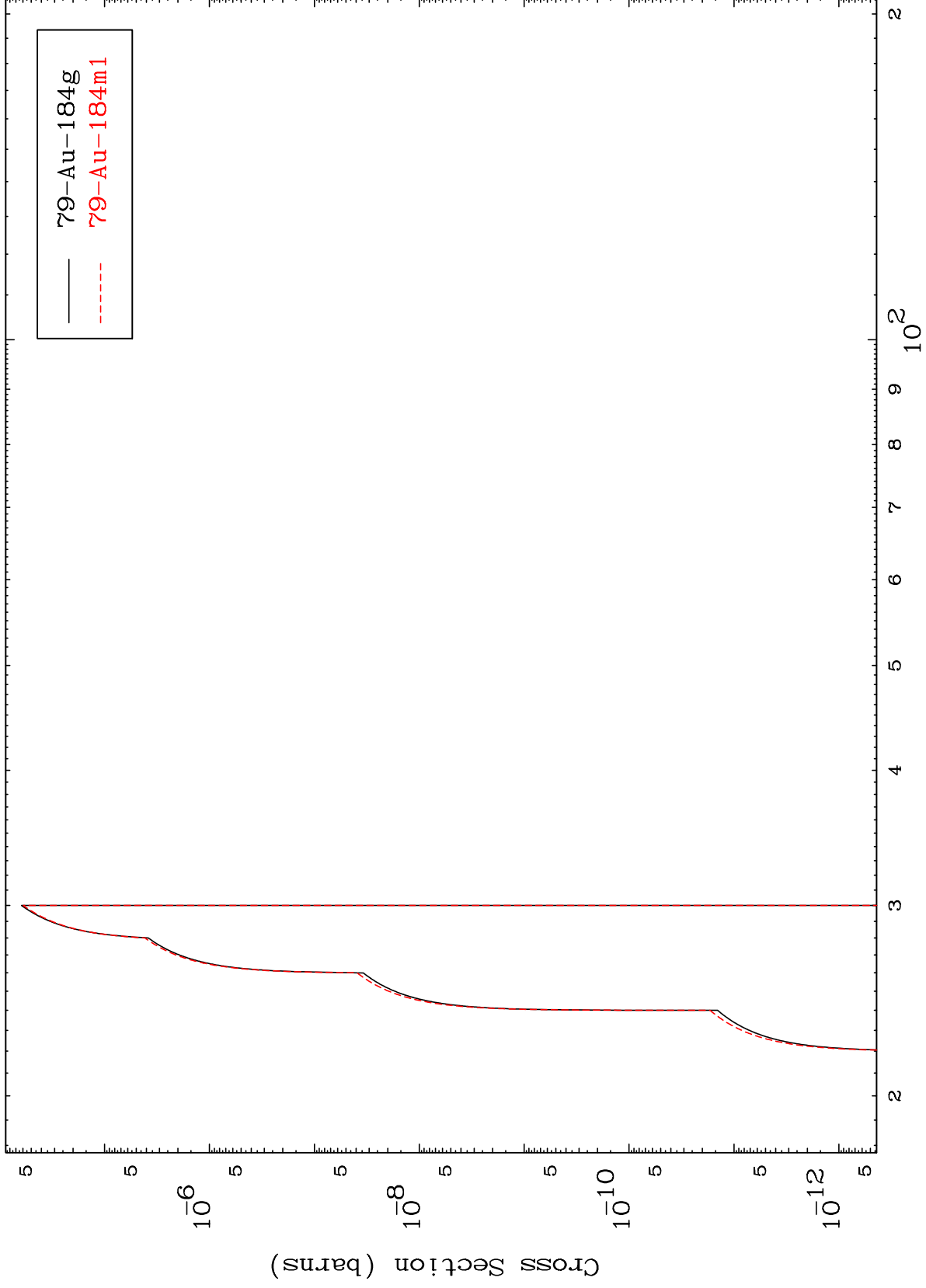
Incident Energy (MeV)

78-Pt-183m

MAT 7805

78-Pt-183m

(n, t)
Radionuclide Production Cross Section



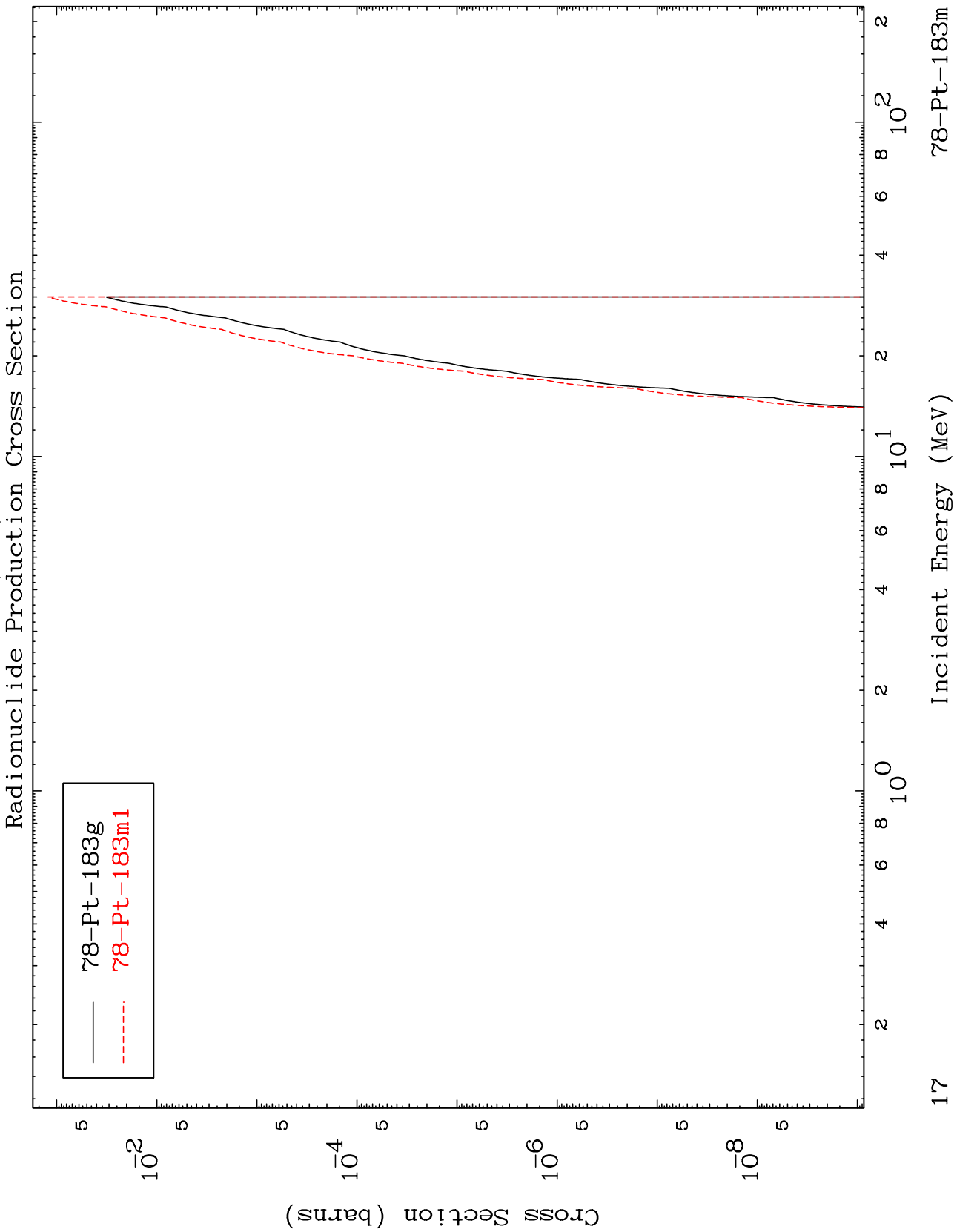
16

Incident Energy (MeV)

78-Pt-183m

MAT 7805

⁷⁸Pt-¹⁸³m

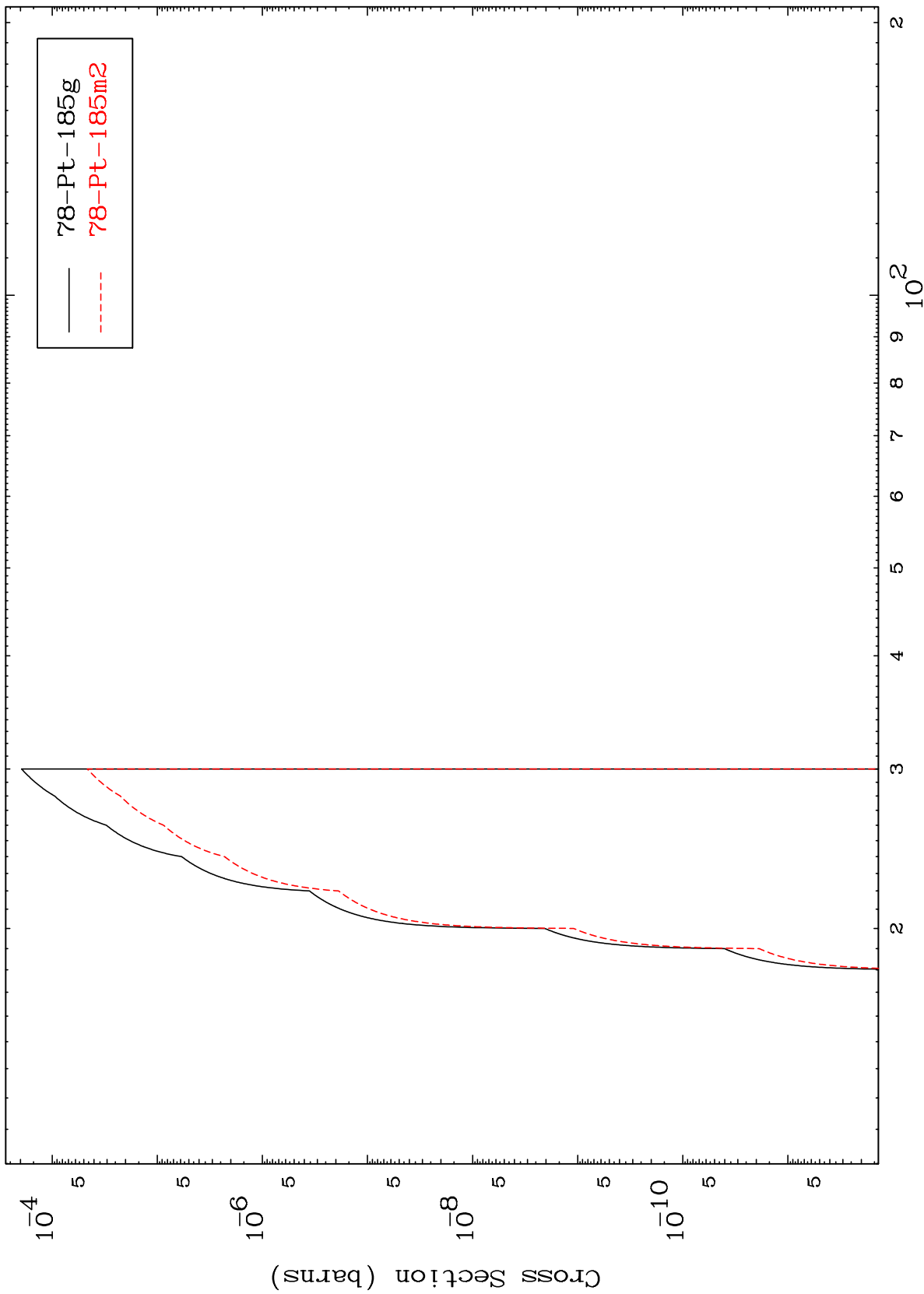


— 78-Pt-183g
- - - 78-Pt-183m1

MAT 7805

78-Pt-183m

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

78-Pt-183m