

Program EVALPLOT
(Version 2021-1)

by

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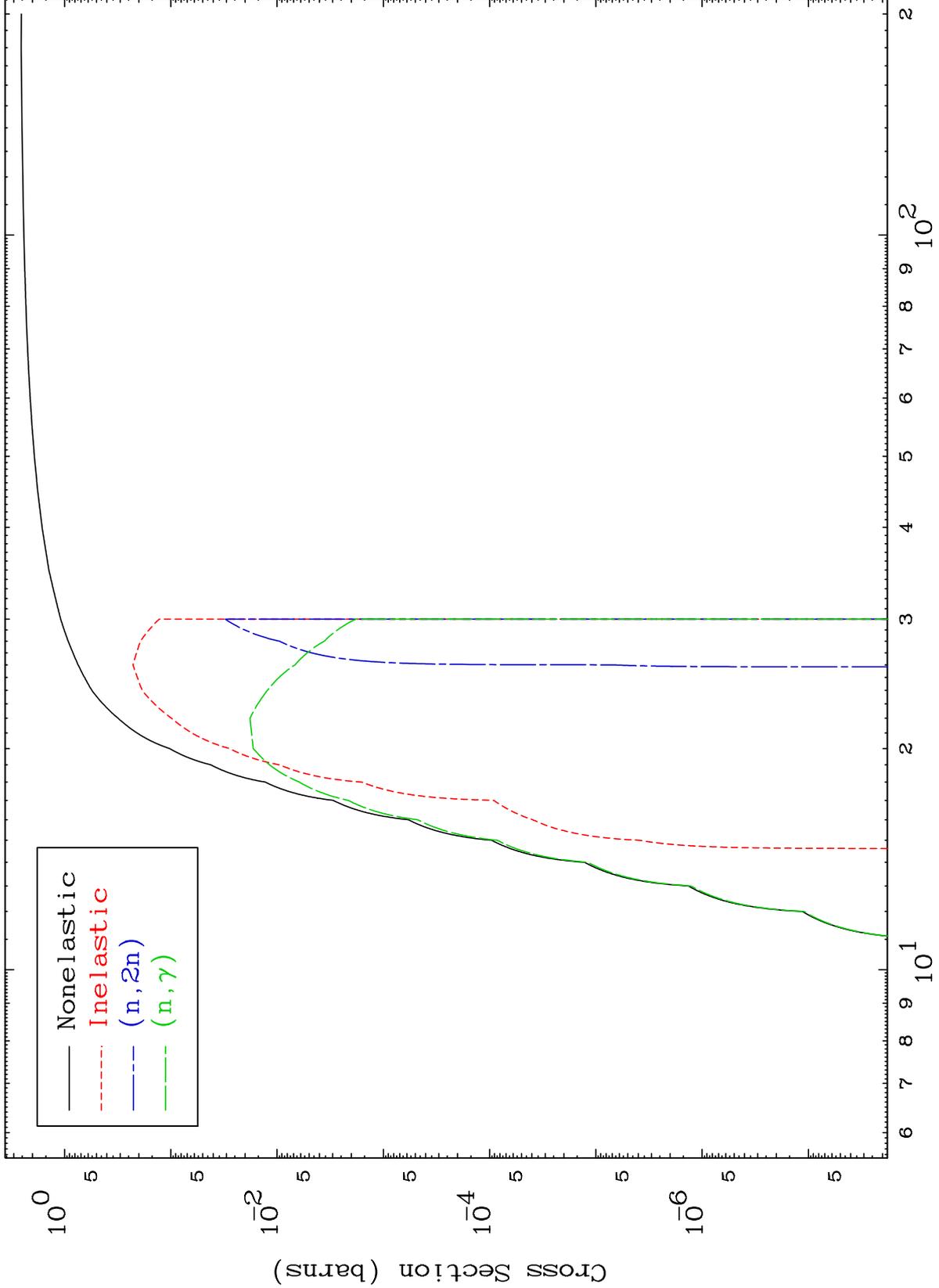
Press Mouse Button to Start

MAT 7480

0 Kelvin

α Major Cross Sections

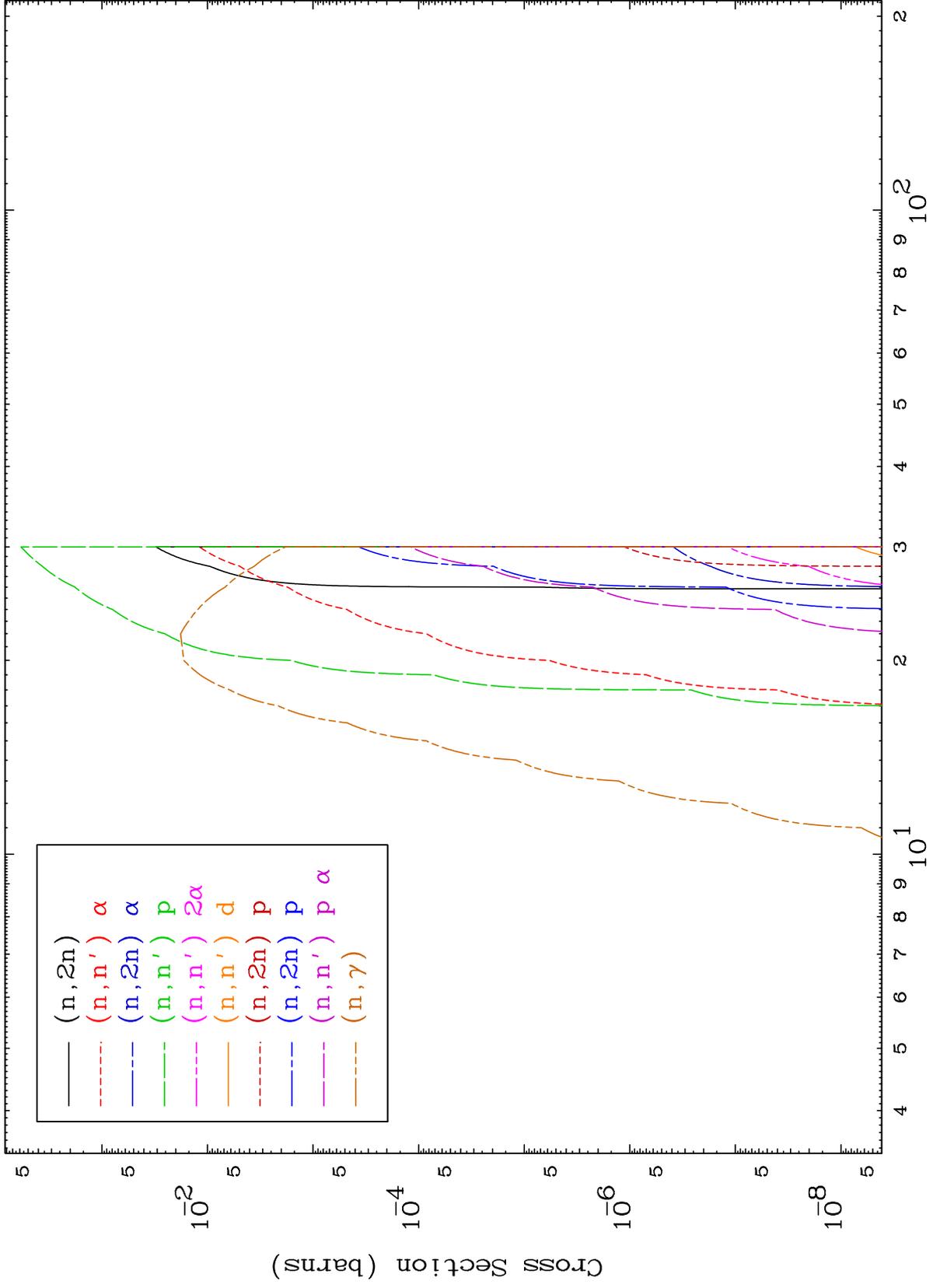
75-Re-170



MAT 7480

α Neutron Absorption
0 Kelvin Cross Sections

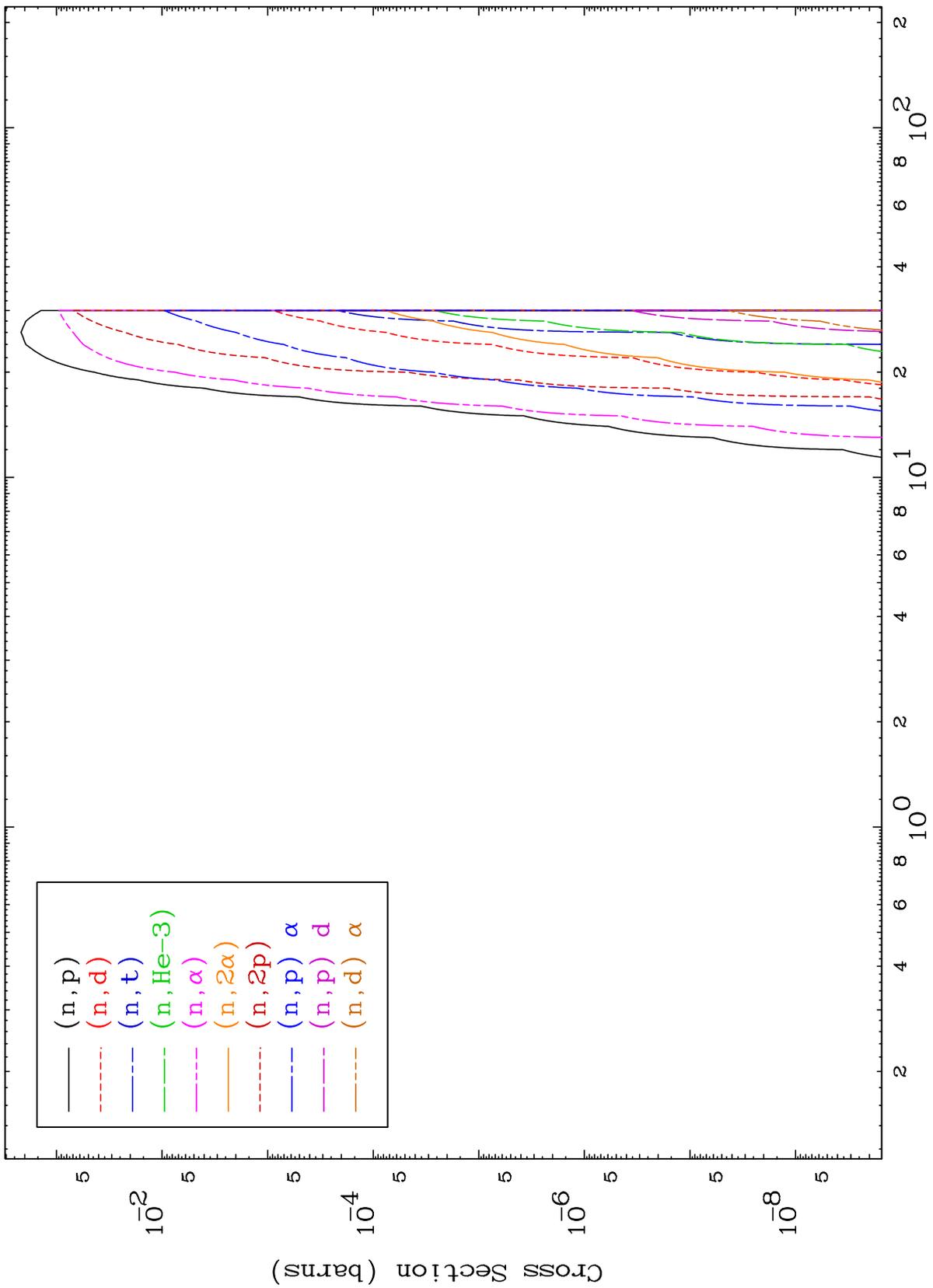
75-Re-170



MAT 7480

α Neutron Absorption
0 Kelvin Cross Sections

75-Re-170



Incident Energy (MeV)

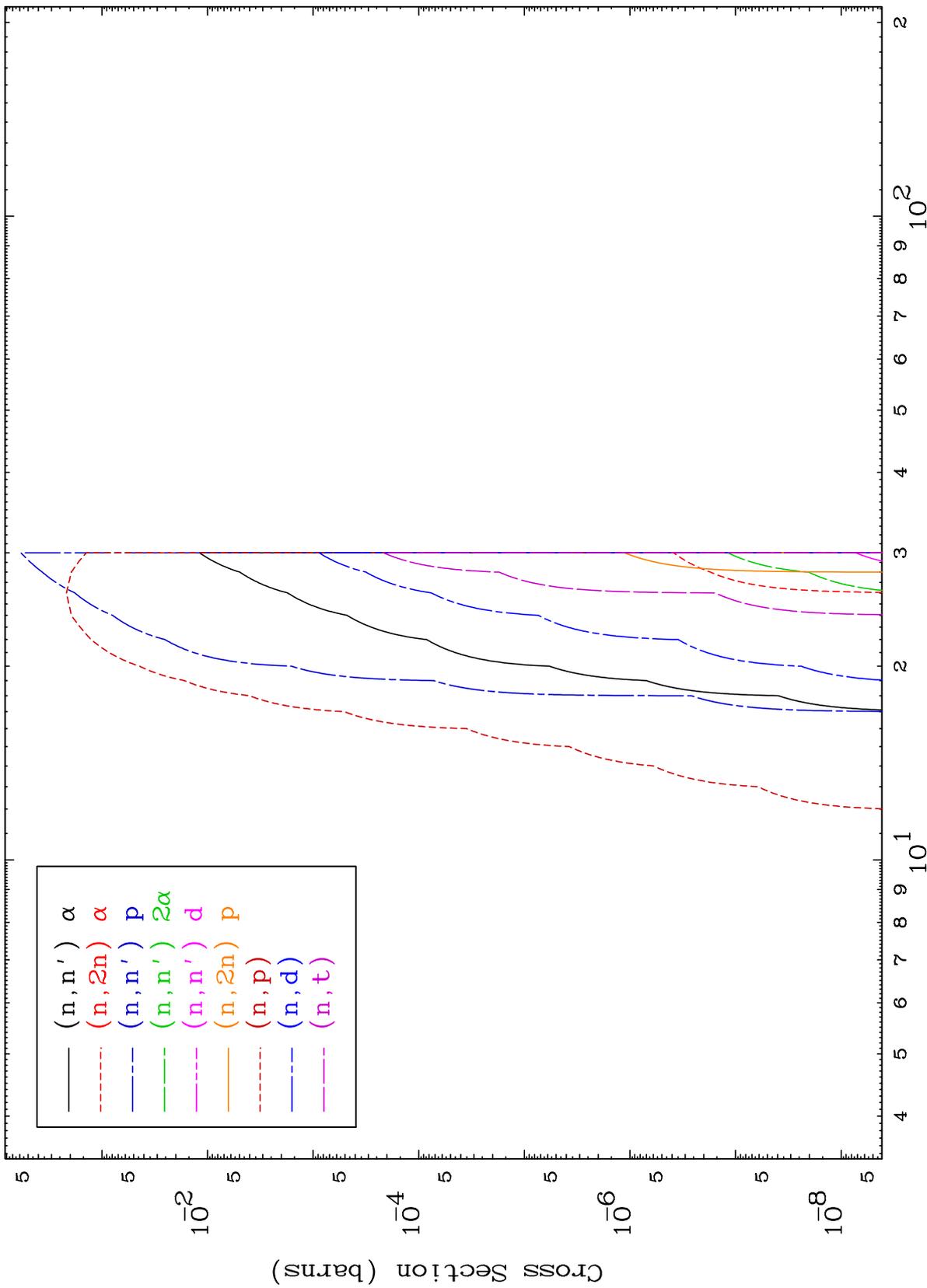
75-Re-170

MAT 7480

α Charged Particle

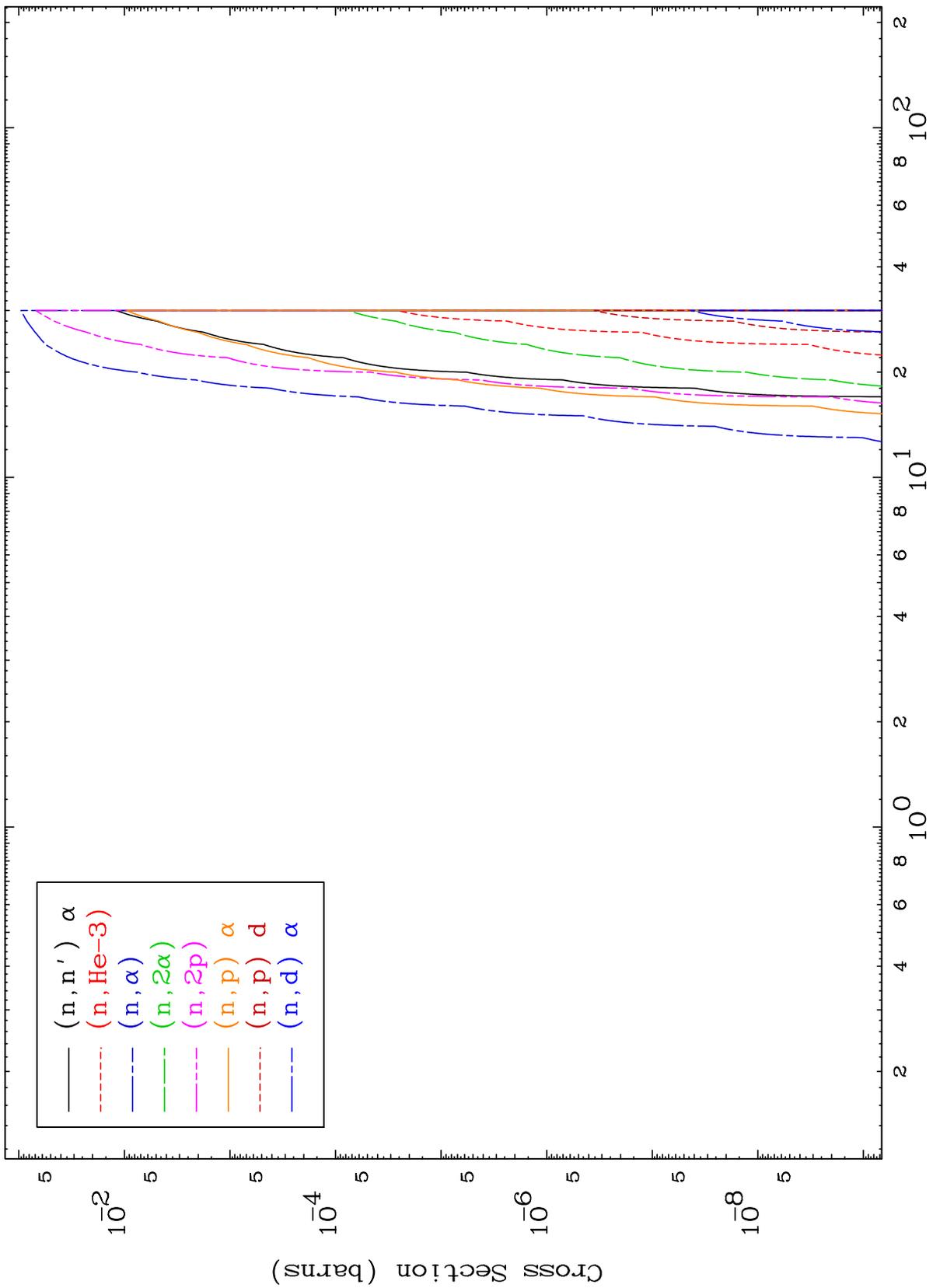
75-Re-170

0 Kelvin Cross Sections



Incident Energy (MeV)

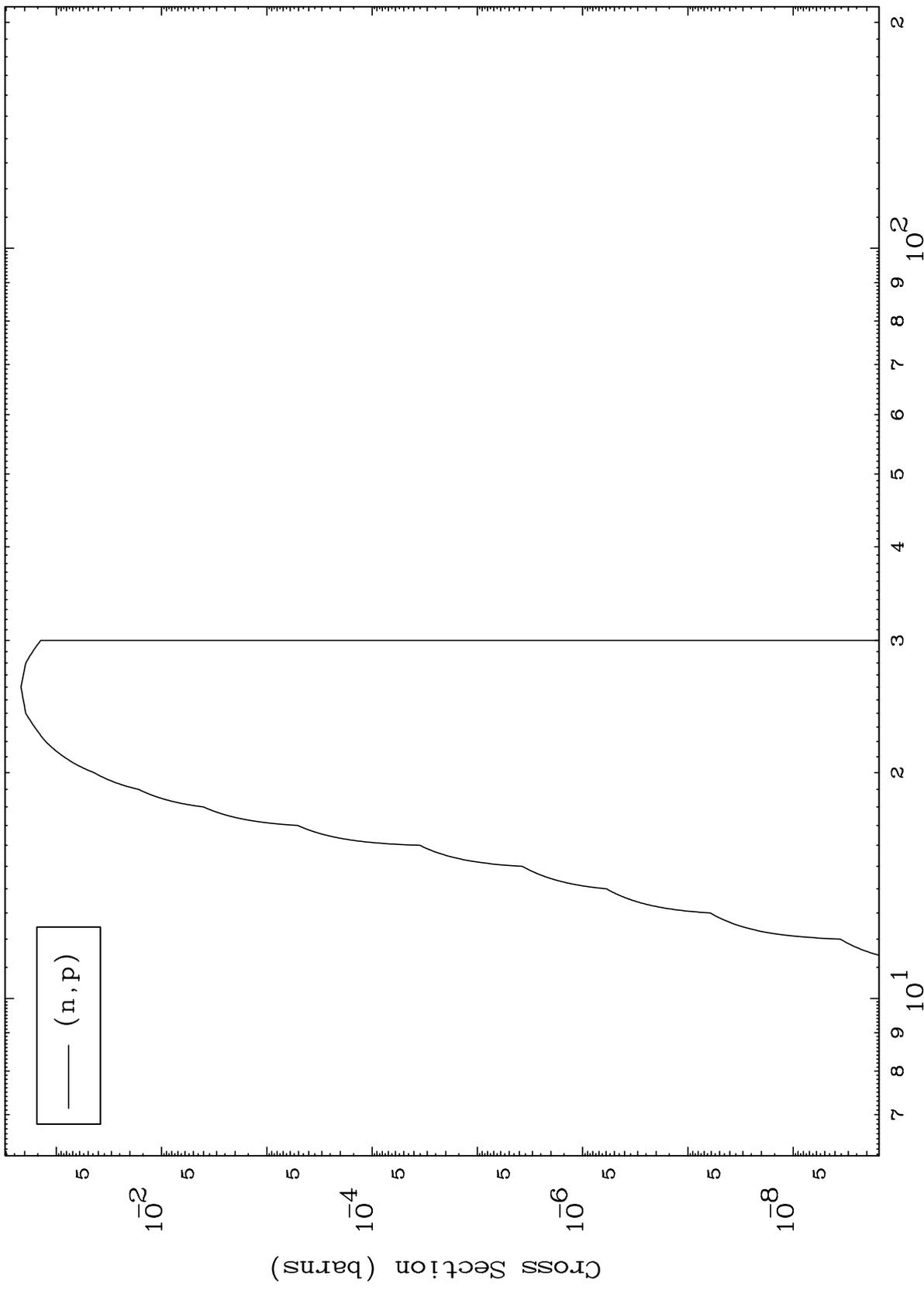
75-Re-170



MAT 7480

(α, p) Levels
0 Kelvin Cross Sections

75-Re-170



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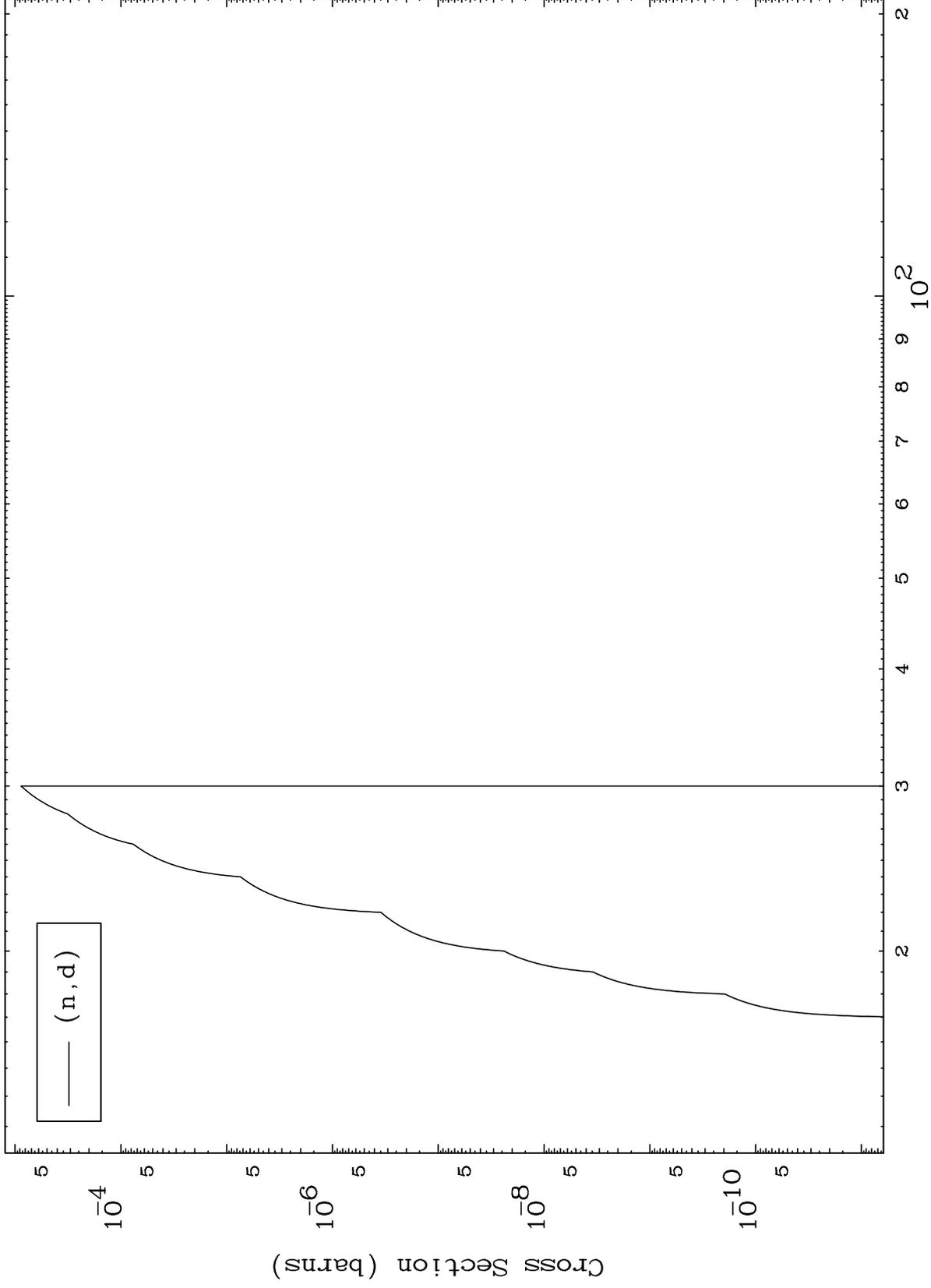
Incident Energy (MeV)

75-Re-170

MAT 7480

(α, d) Levels
0 Kelvin Cross Sections

⁷⁵Re-170



7

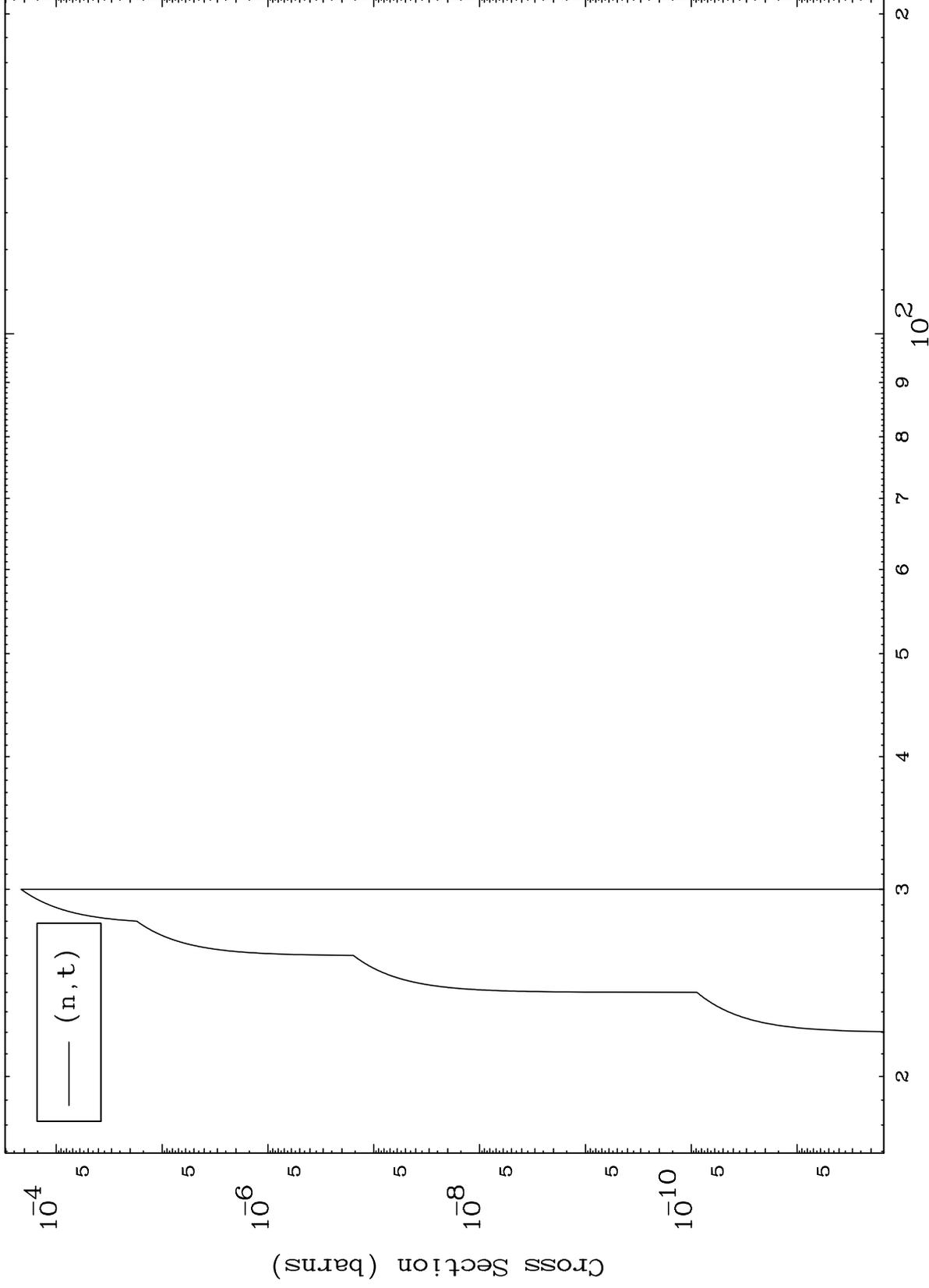
Incident Energy (MeV)

⁷⁵Re-170

MAT 7480

(α, t) Levels
0 Kelvin Cross Sections

75-Re-170



8

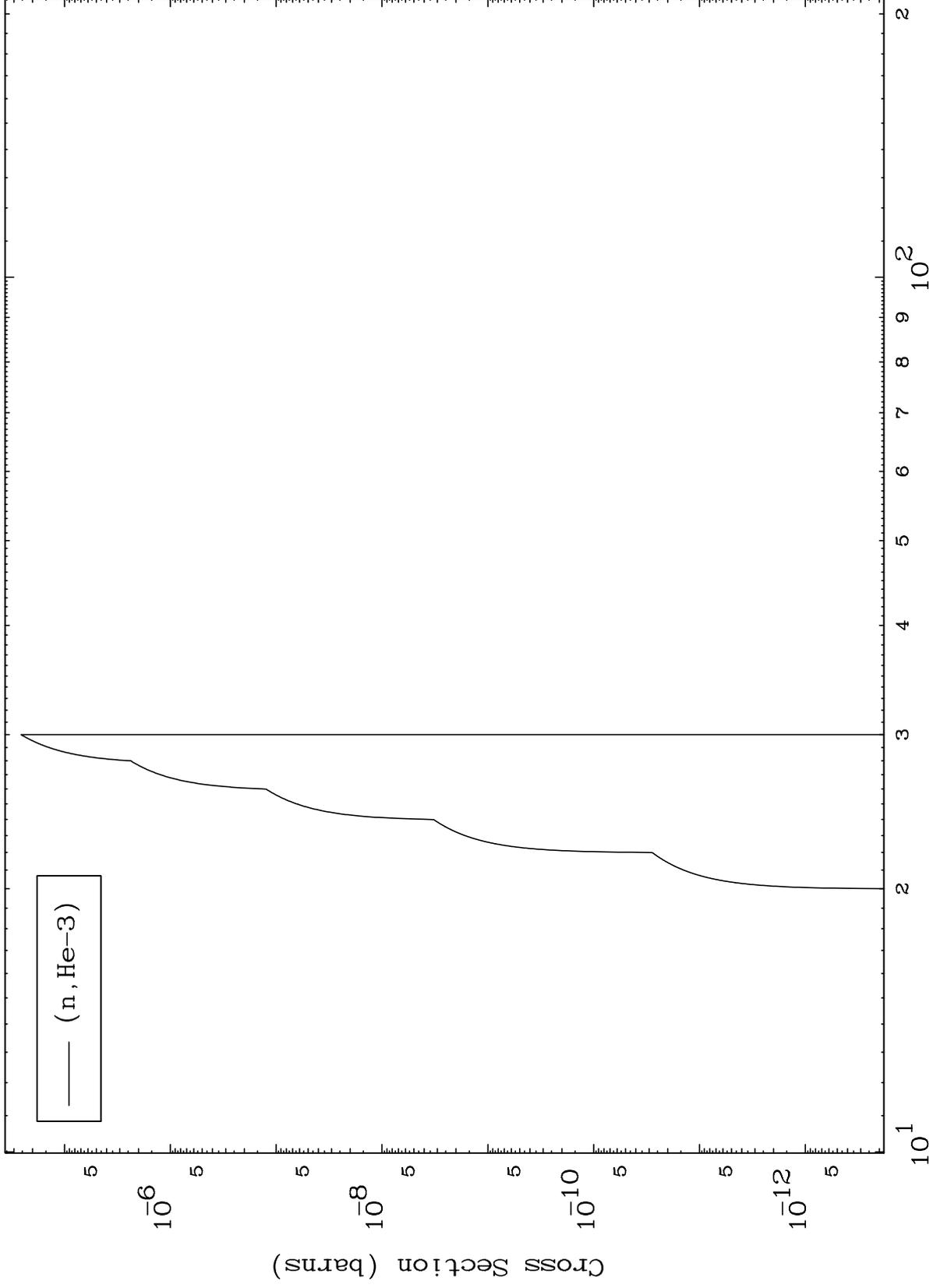
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



Incident Energy (MeV)

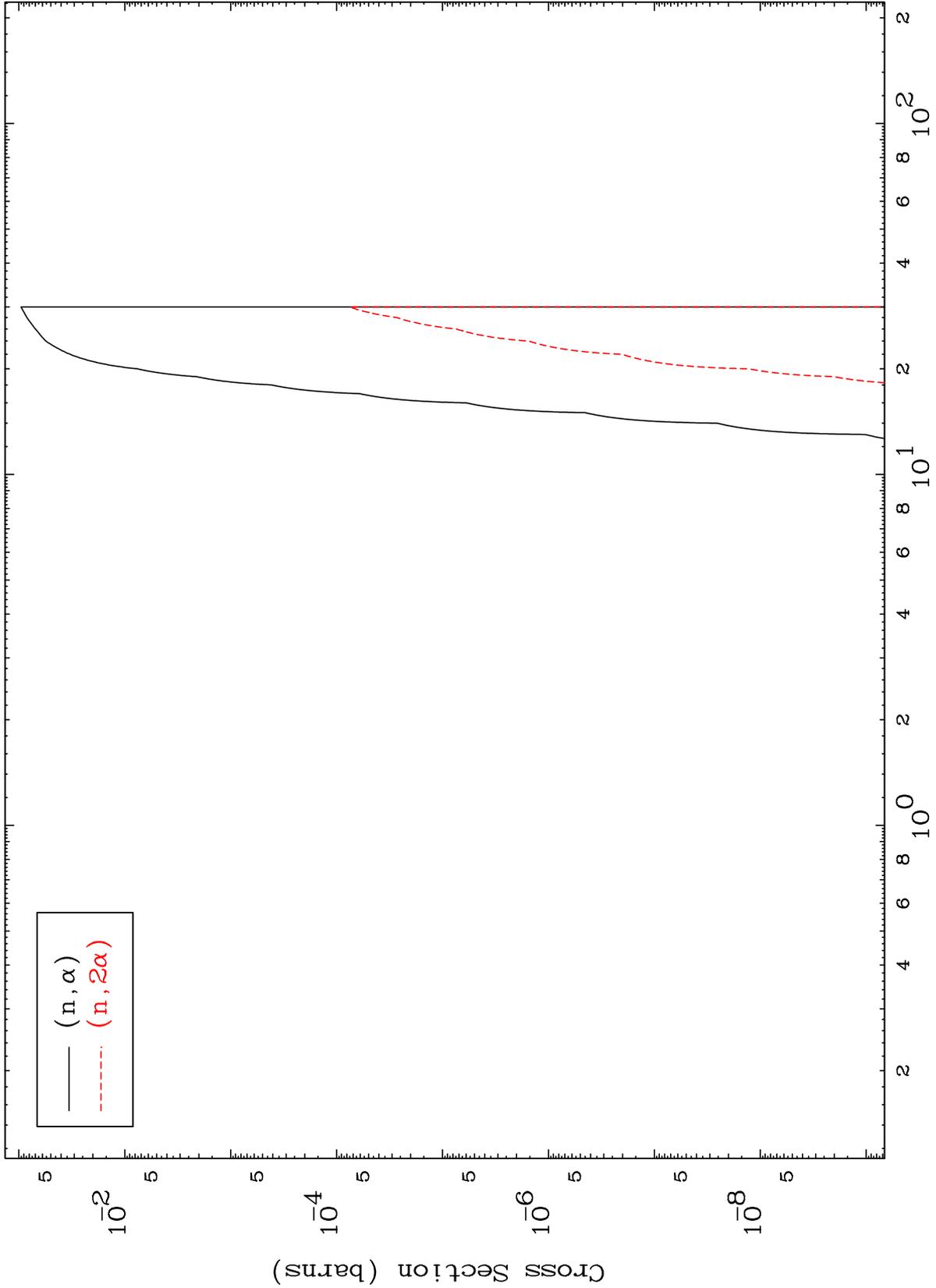
75-Re-170

MAT 7480

(α, α) Levels

75-Re-170

0 Kelvin Cross Sections

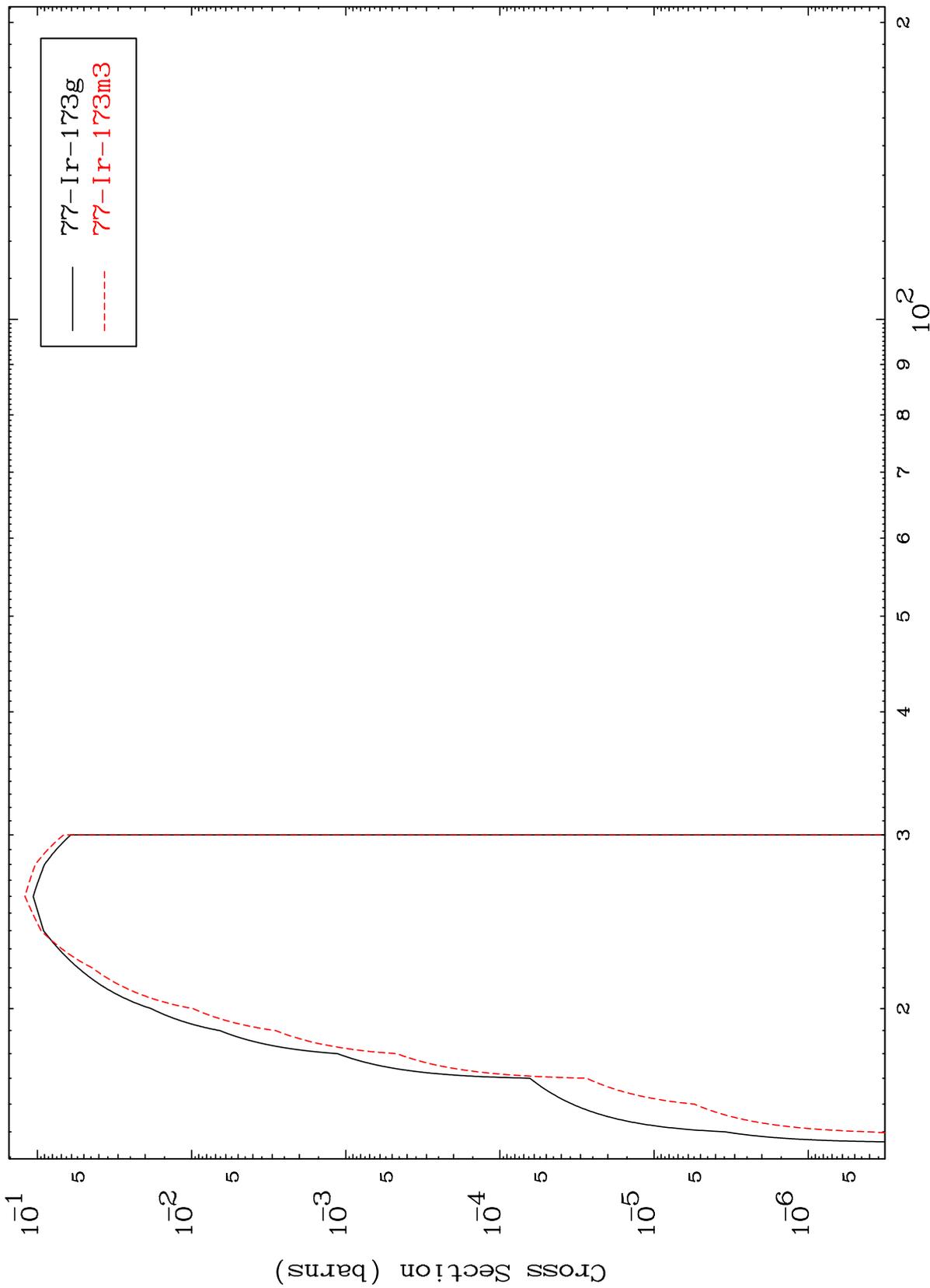


10

Incident Energy (MeV)

75-Re-170

Inelastic
Radionuclide Production Cross Section

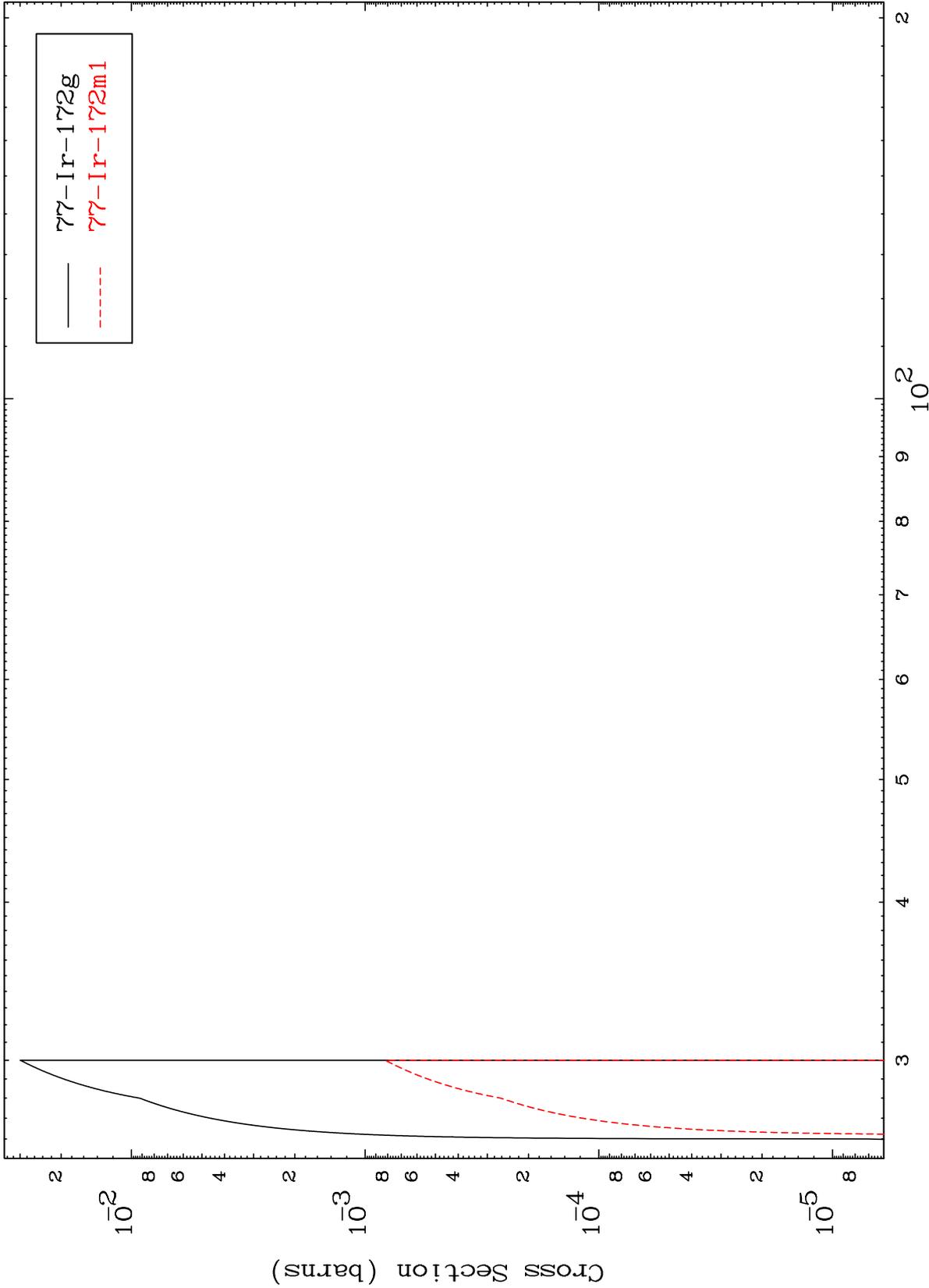


MAT 7480

(n,2n)

75-Re-170

Radionuclide Production Cross Section



12

Incident Energy (MeV)

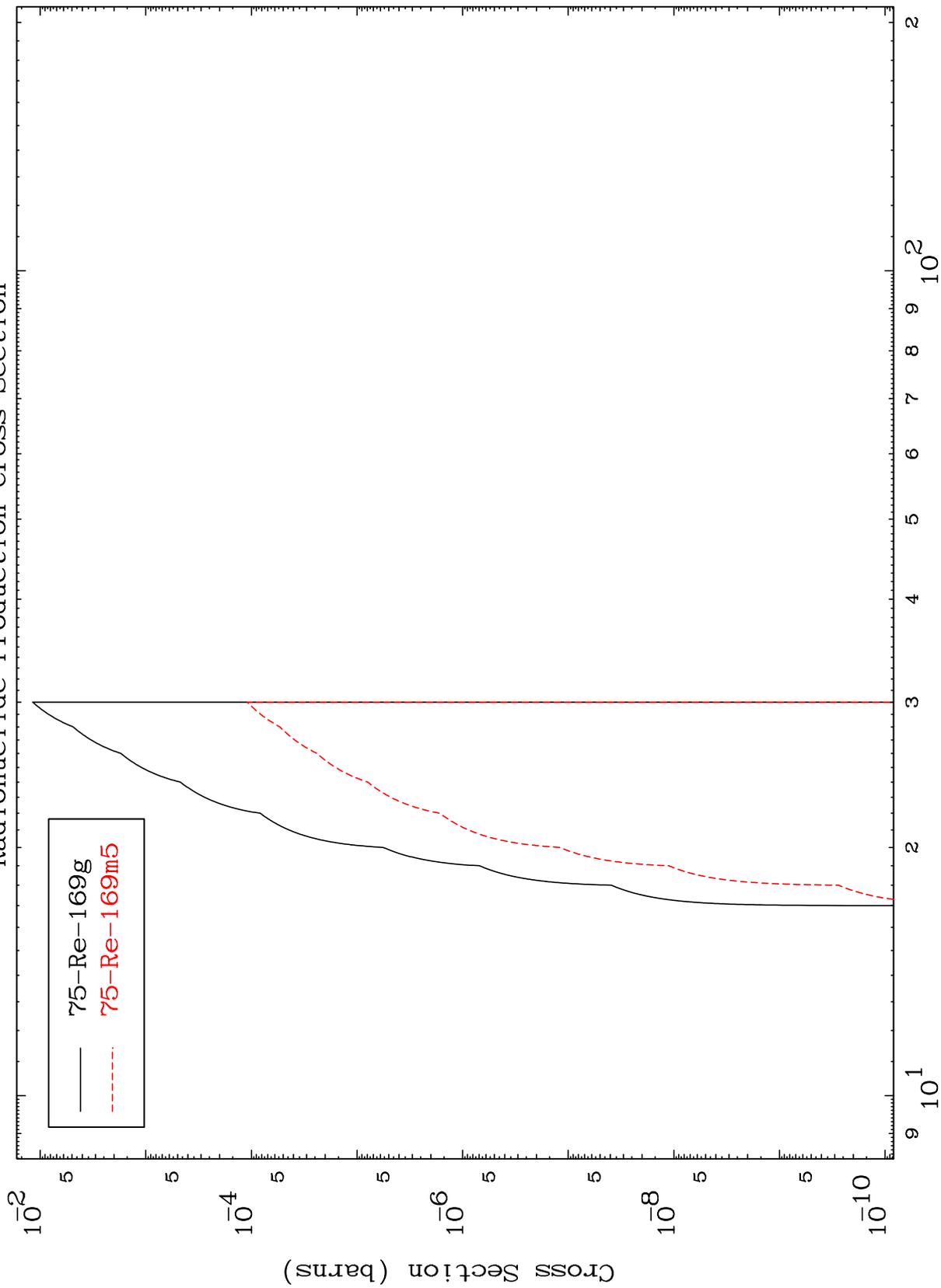
75-Re-170

MAT 7480

(n, n') α

⁷⁵Re-¹⁷⁰

Radionuclide Production Cross Section



13

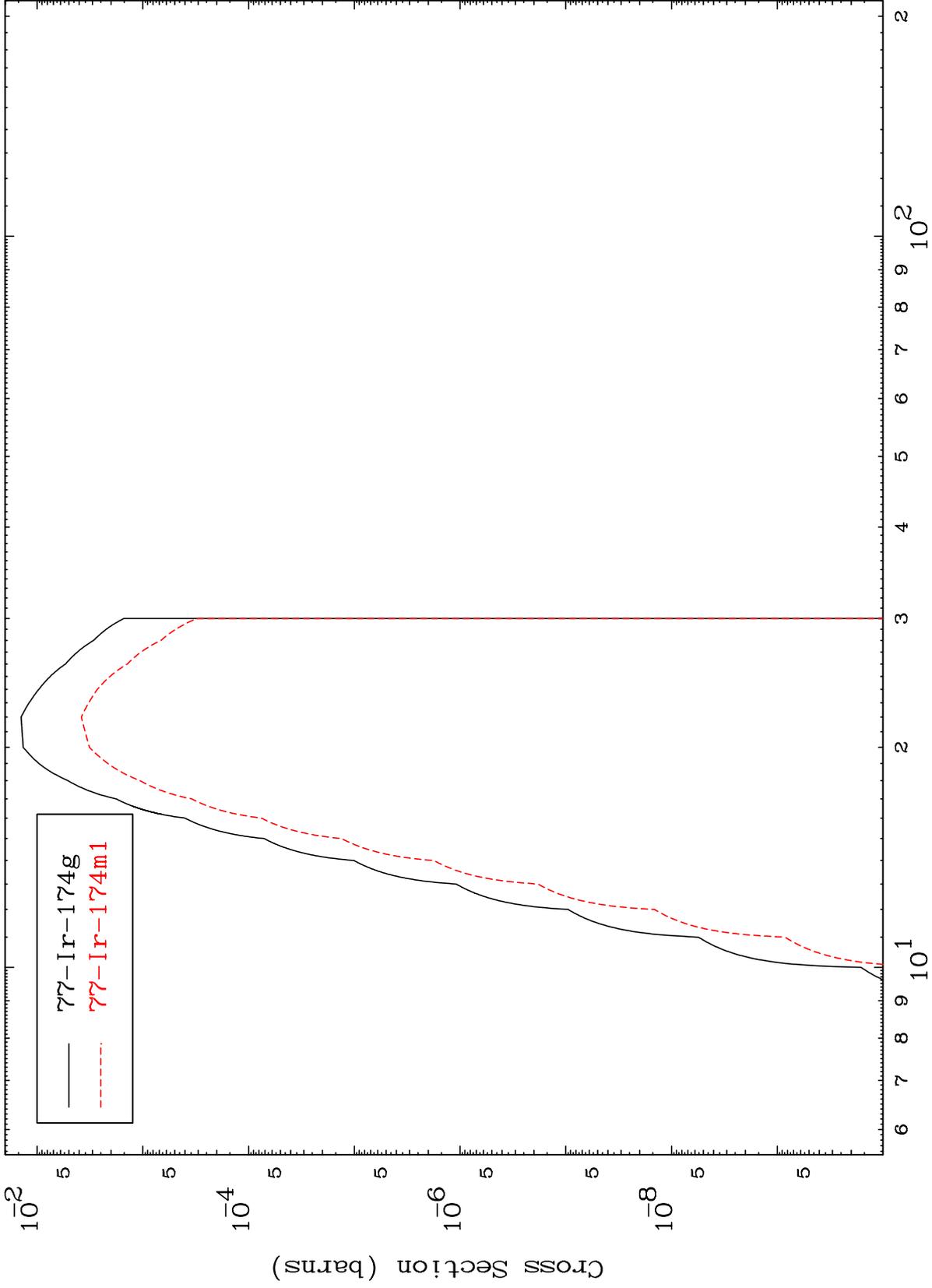
Incident Energy (MeV)

⁷⁵Re-¹⁷⁰

MAT 7480

75-Re-170

(n, γ)
Radionuclide Production Cross Section



14

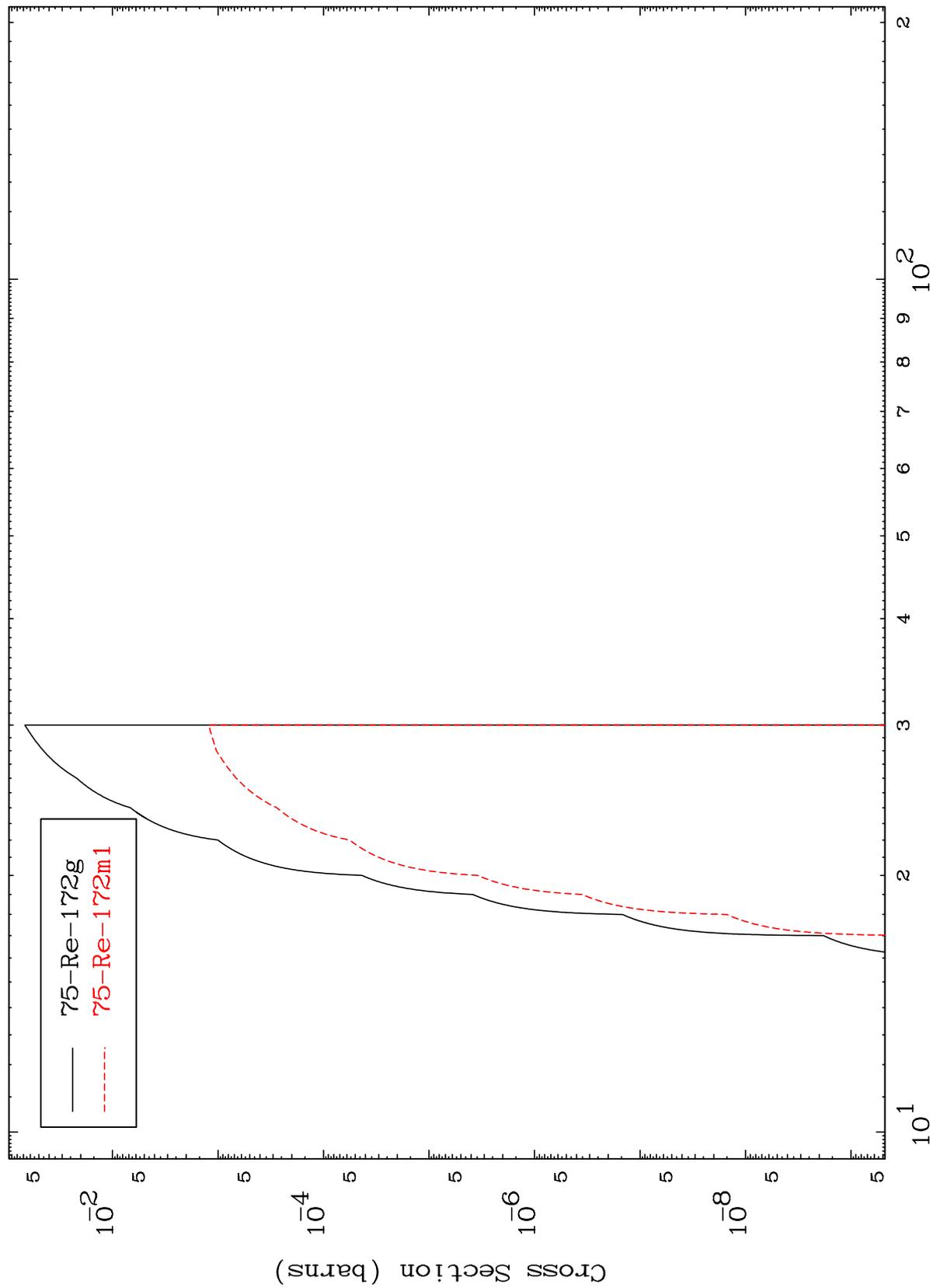
Incident Energy (MeV)

75-Re-170

MAT 7480

75-Re-170

(n,2p)
Radionuclide Production Cross Section



75-Re-170

Incident Energy (MeV)

15