

Program EVALPLOT
(Version 2021-1)

by

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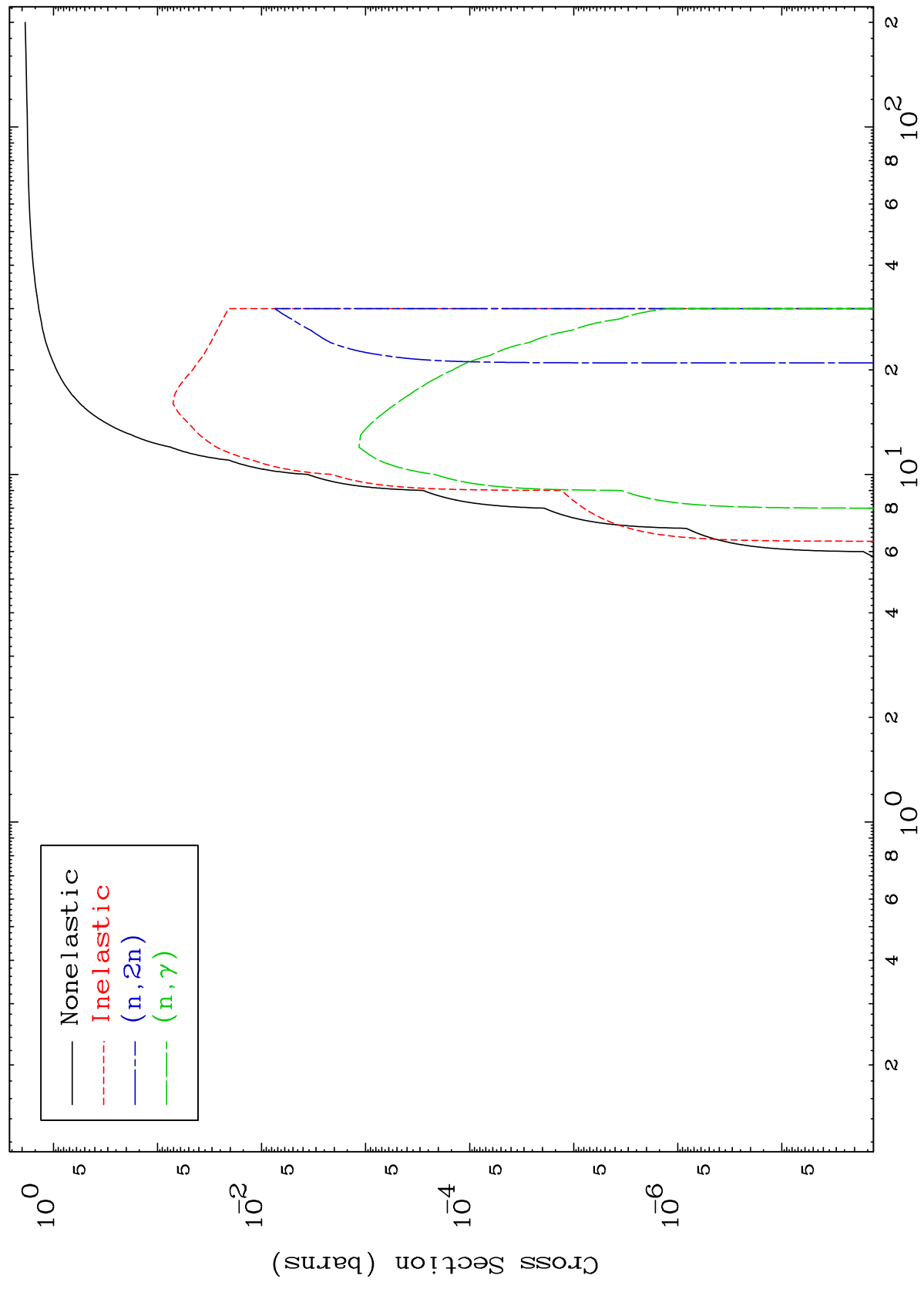
Press Mouse Button to Start

MAT 4010

α Major

40-Zr-85

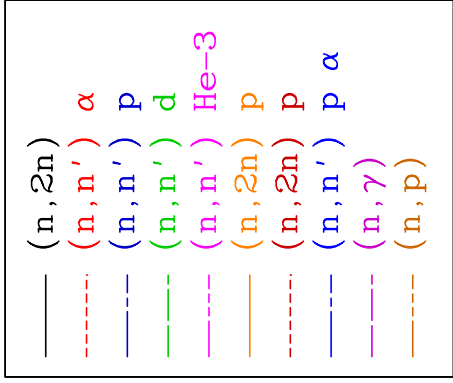
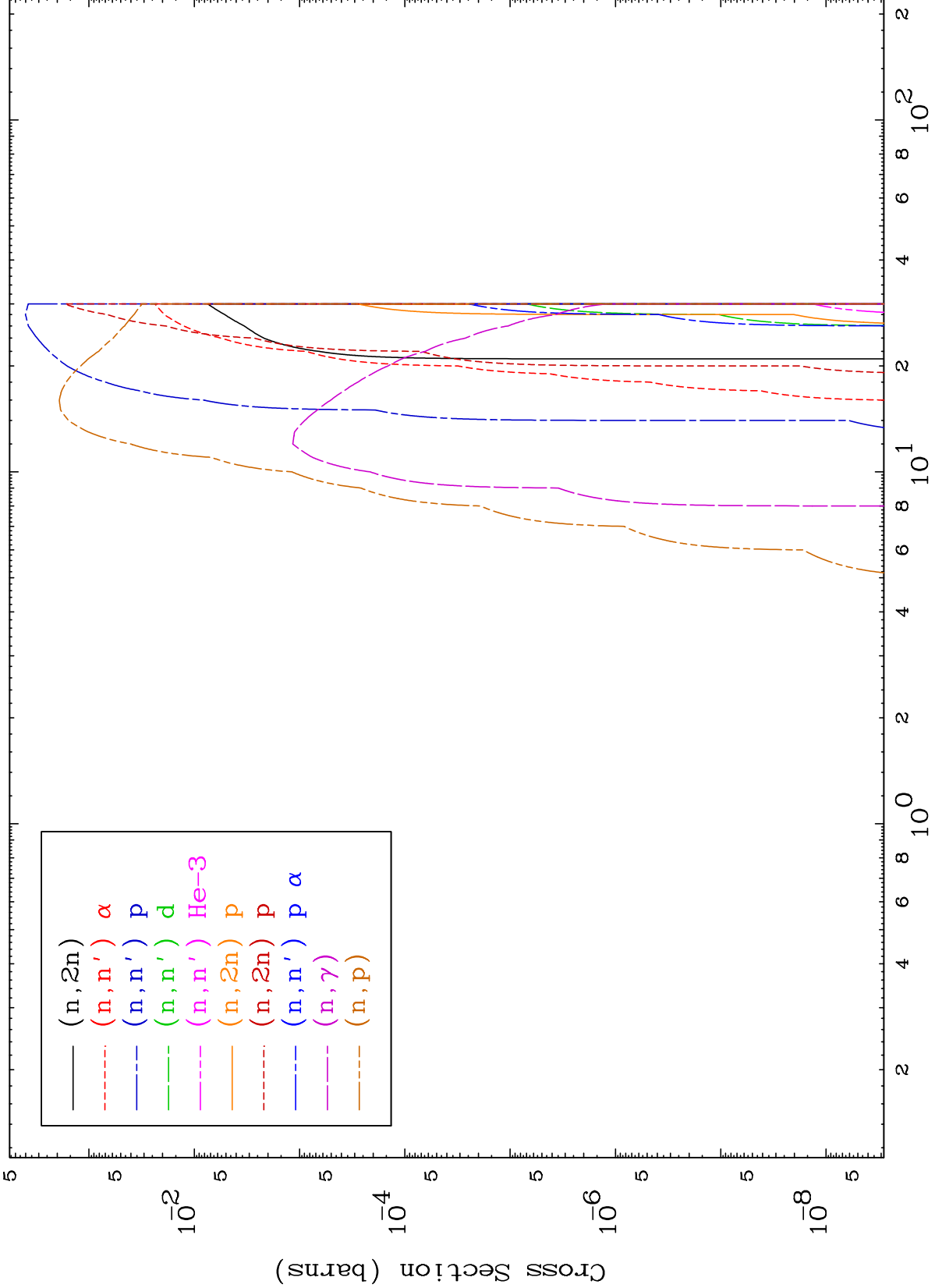
0 Kelvin Cross Sections



MAT 4010

α Neutron Absorption
0 Kelvin Cross Sections

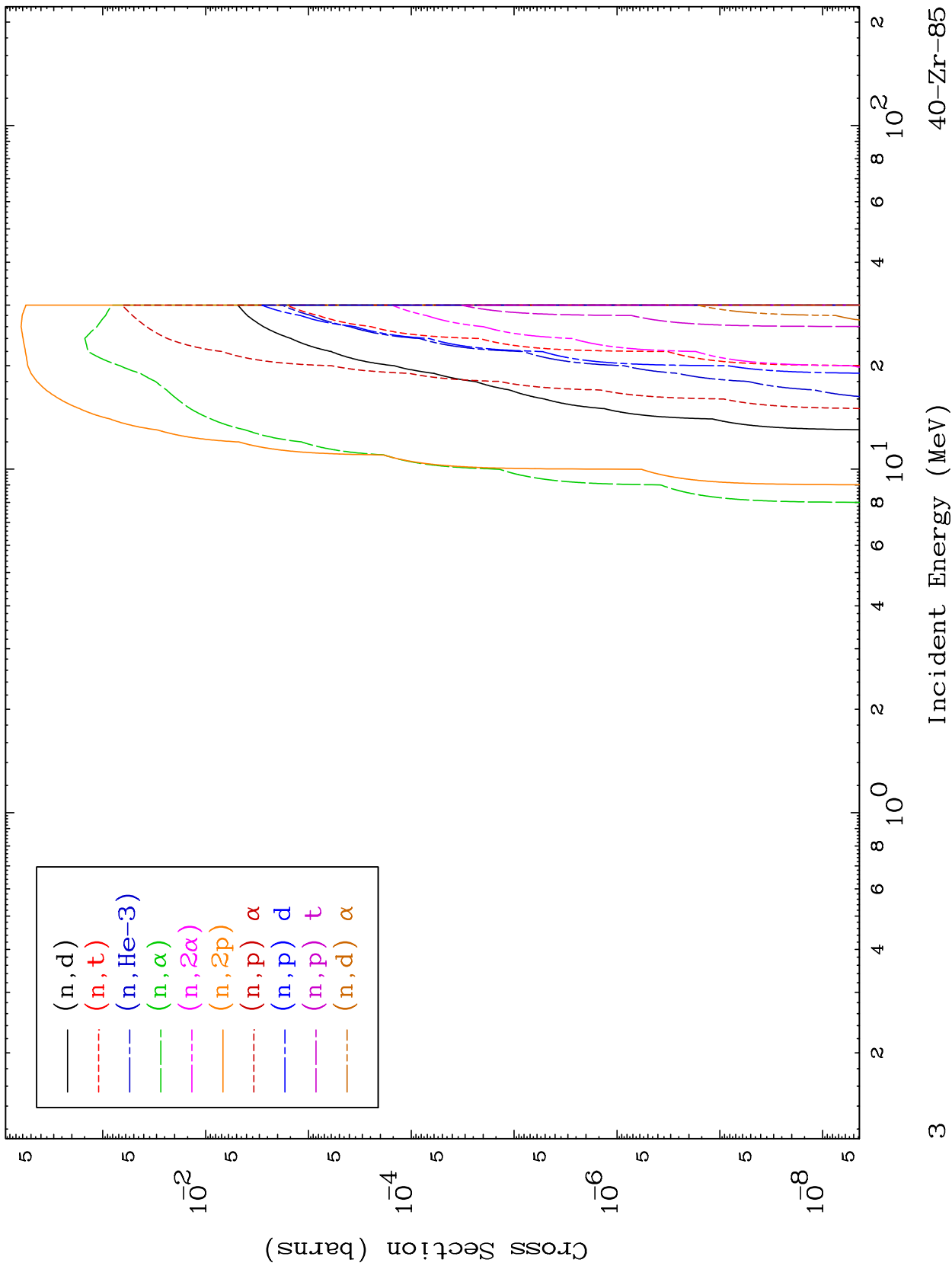
40-Zr-85



MAT 4010

α Neutron Absorption
0 Kelvin Cross Sections

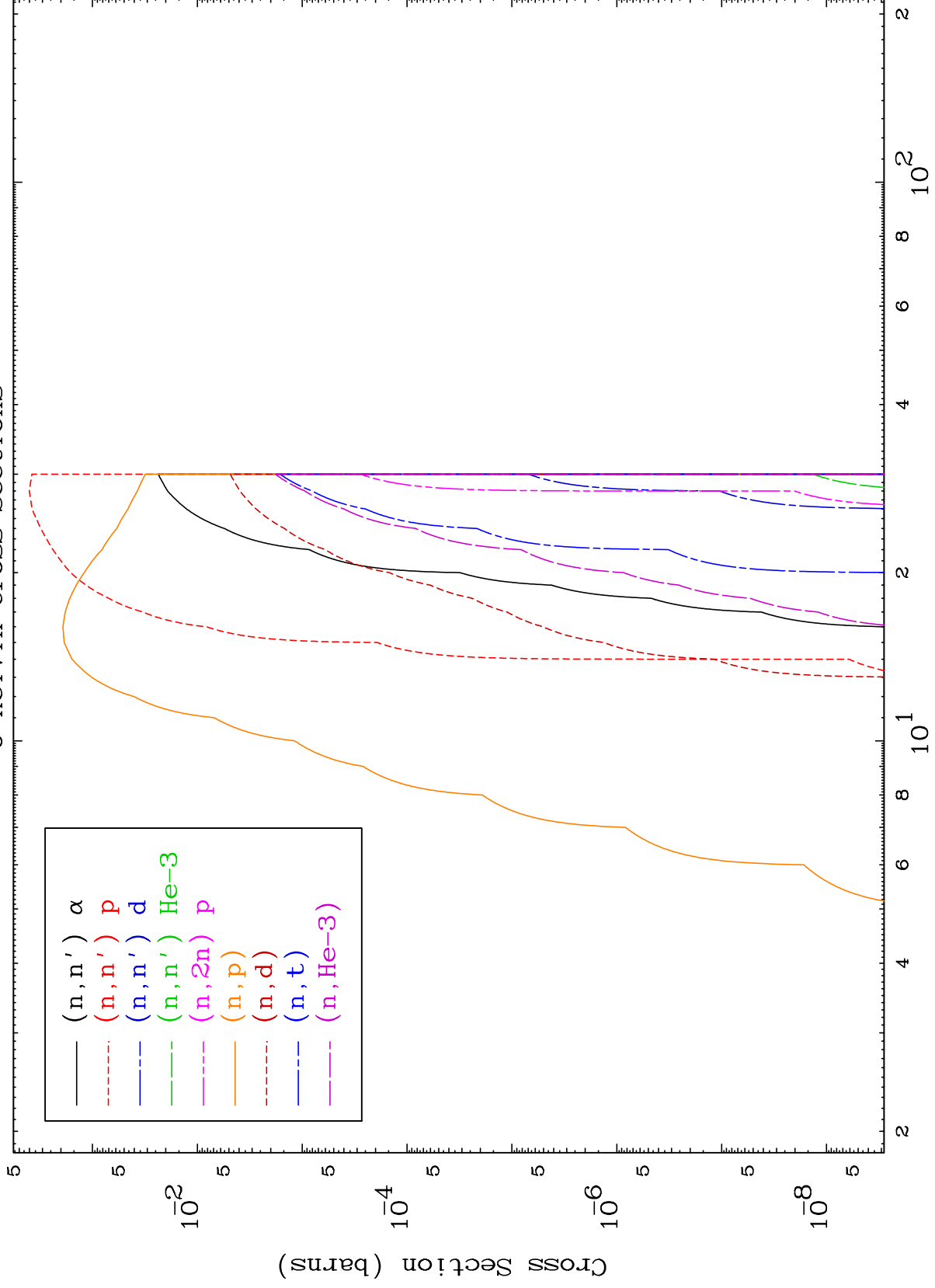
40-Zr-85



MAT 4010

α Charged Particle
0 Kelvin Cross Sections

40-Zr-85



4

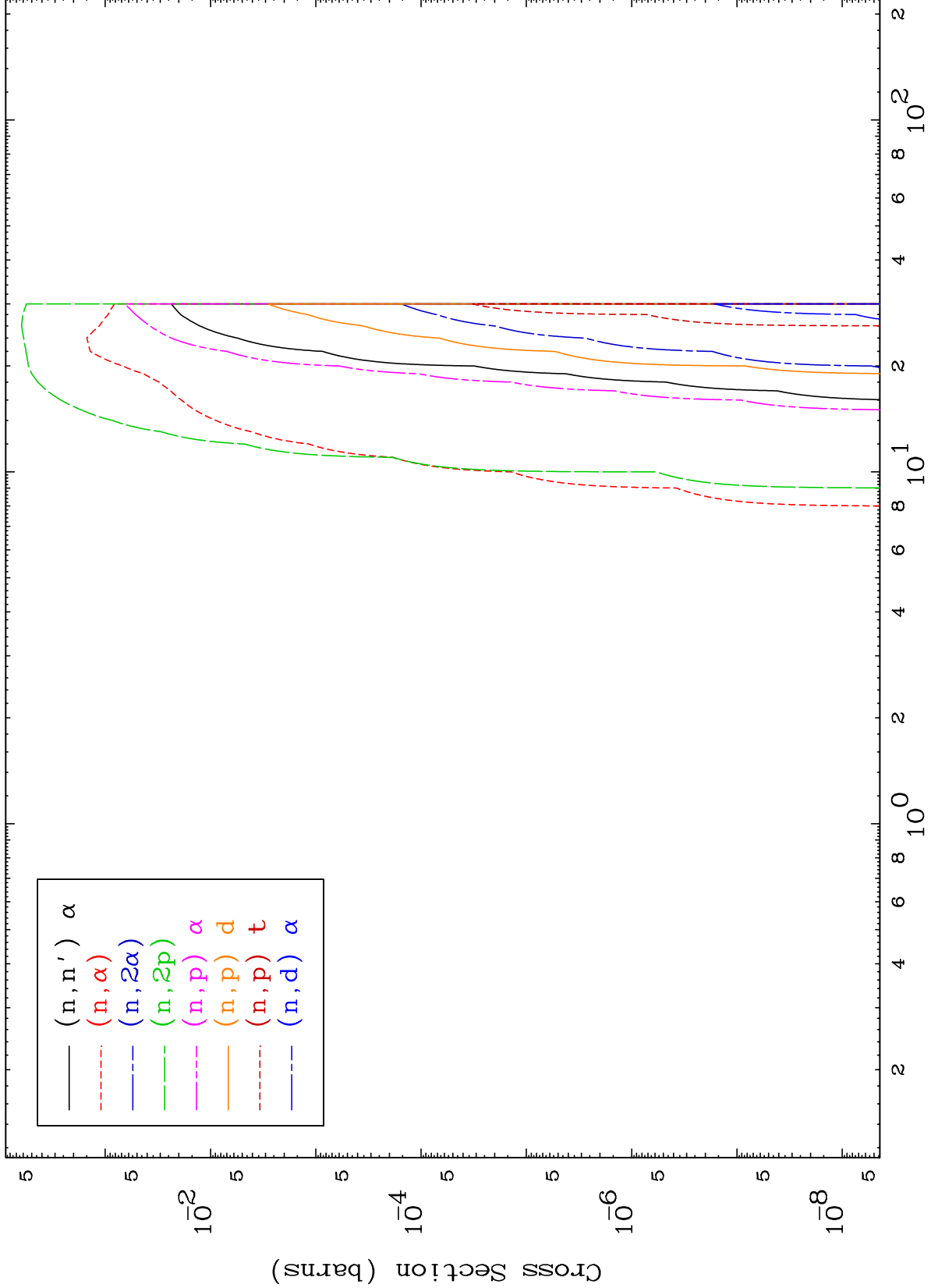
Incident Energy (MeV)

40-Zr-85

MAT 4010

α Charged Particle
0 Kelvin Cross Sections

40-Zr-85



5

Incident Energy (MeV)

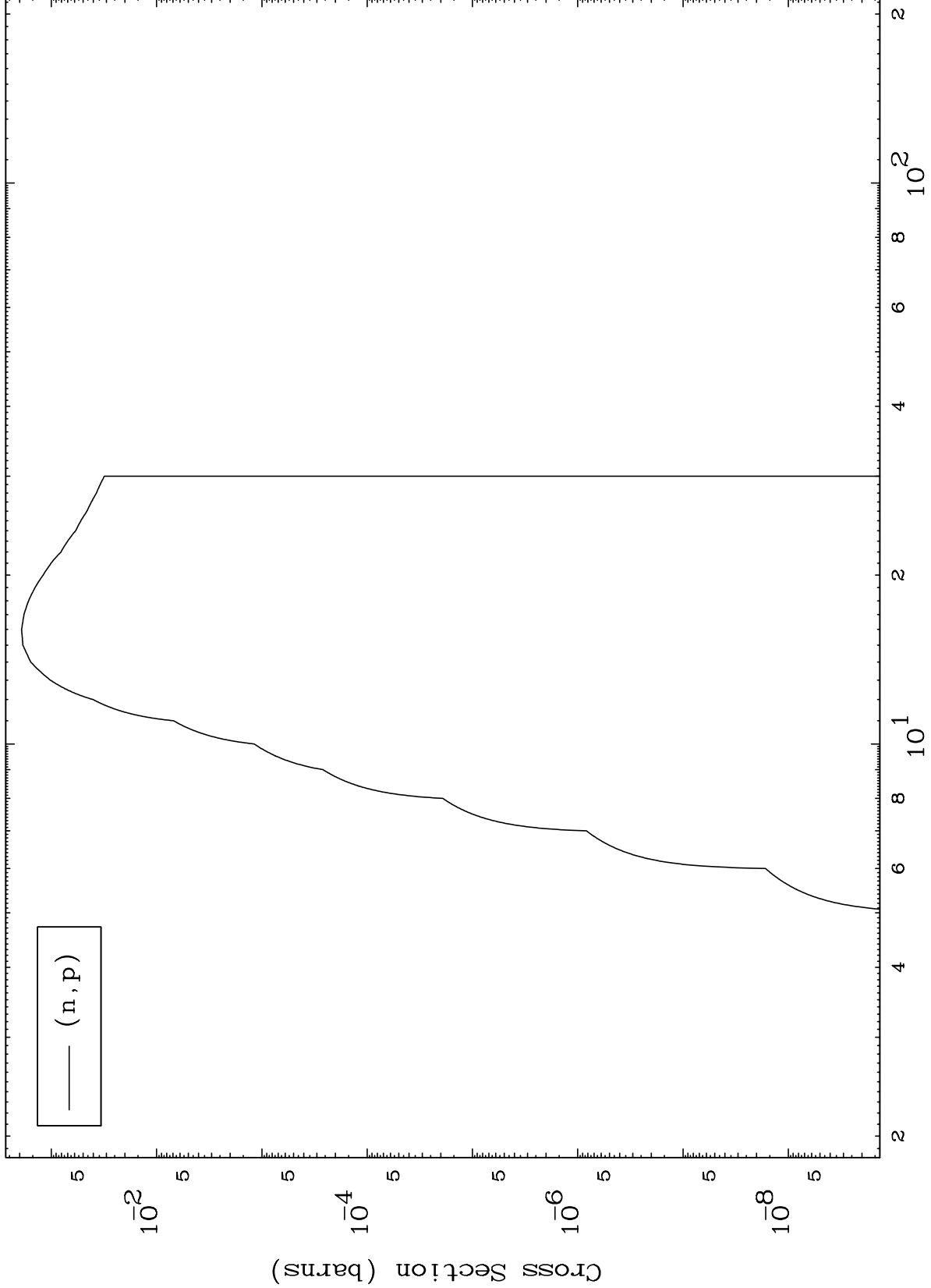
40-Zr-85

MAT 4010

(α, p) Levels

40-Zr-85

0 Kelvin Cross Sections



6

Incident Energy (MeV)

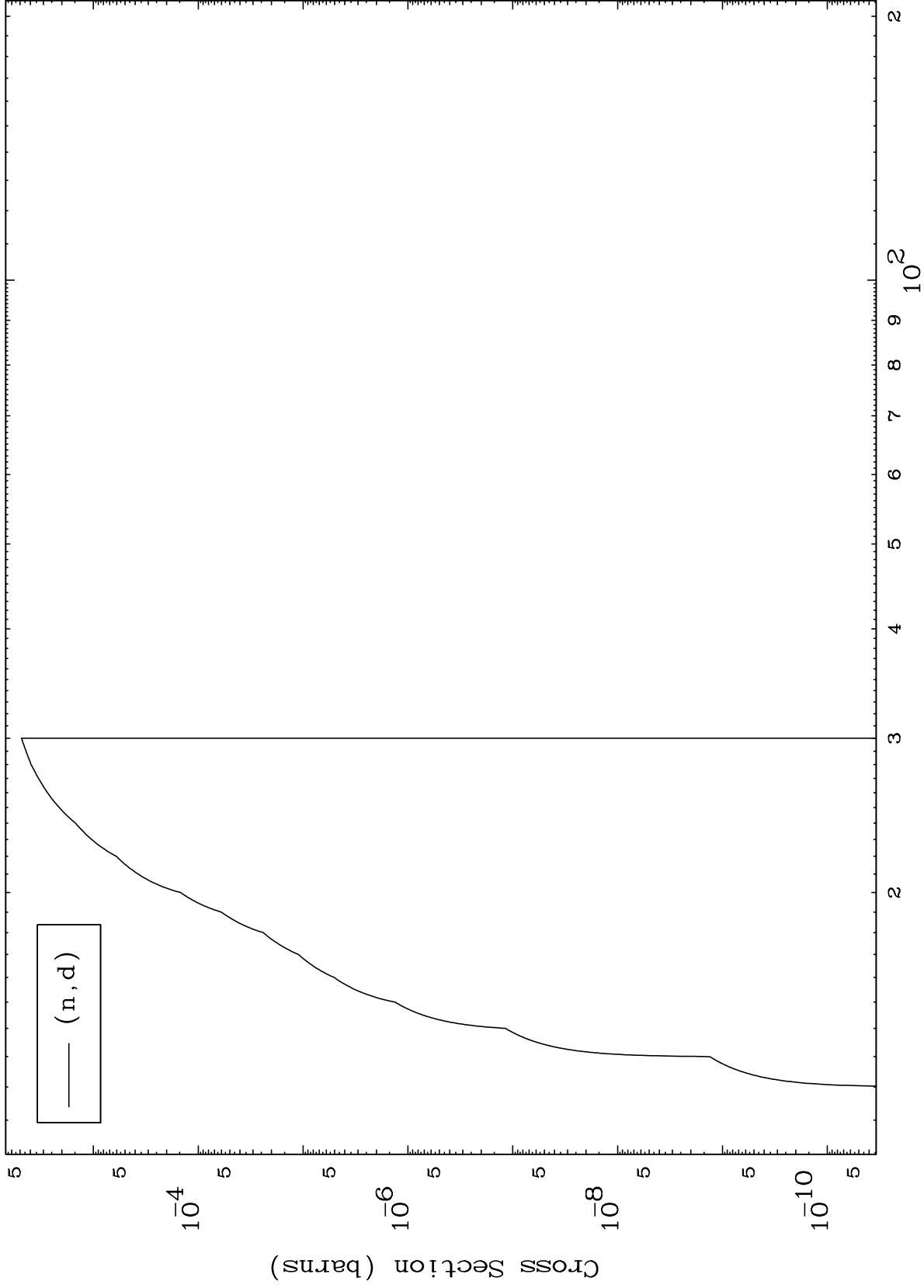
40-Zr-85

MAT 4010

(α, d) Levels

40-Zr-85

0 Kelvin Cross Sections



Incident Energy (MeV)

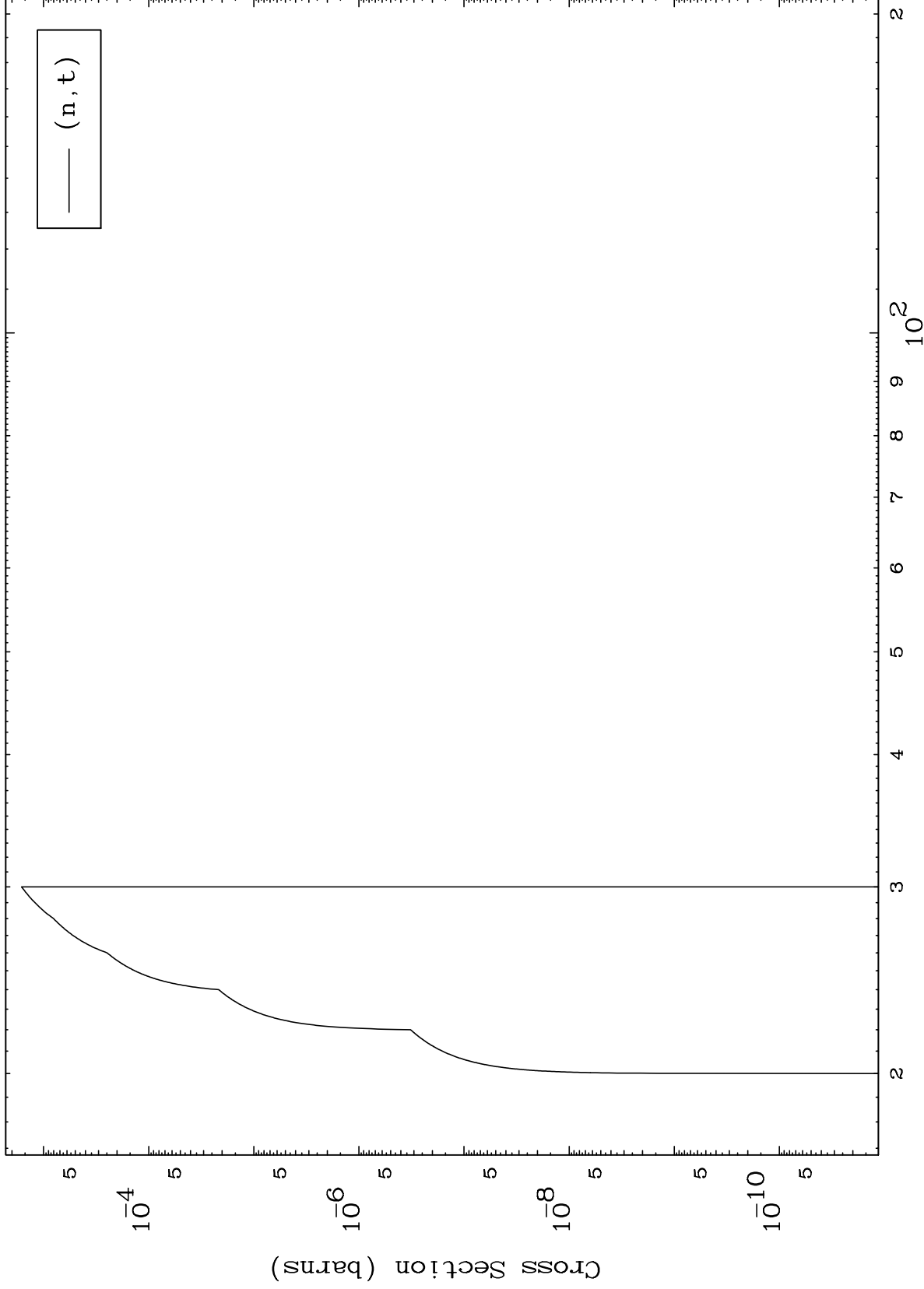
40-Zr-85

7

MAT 4010

(α, t) Levels
0 Kelvin Cross Sections

40-Zr-85



8

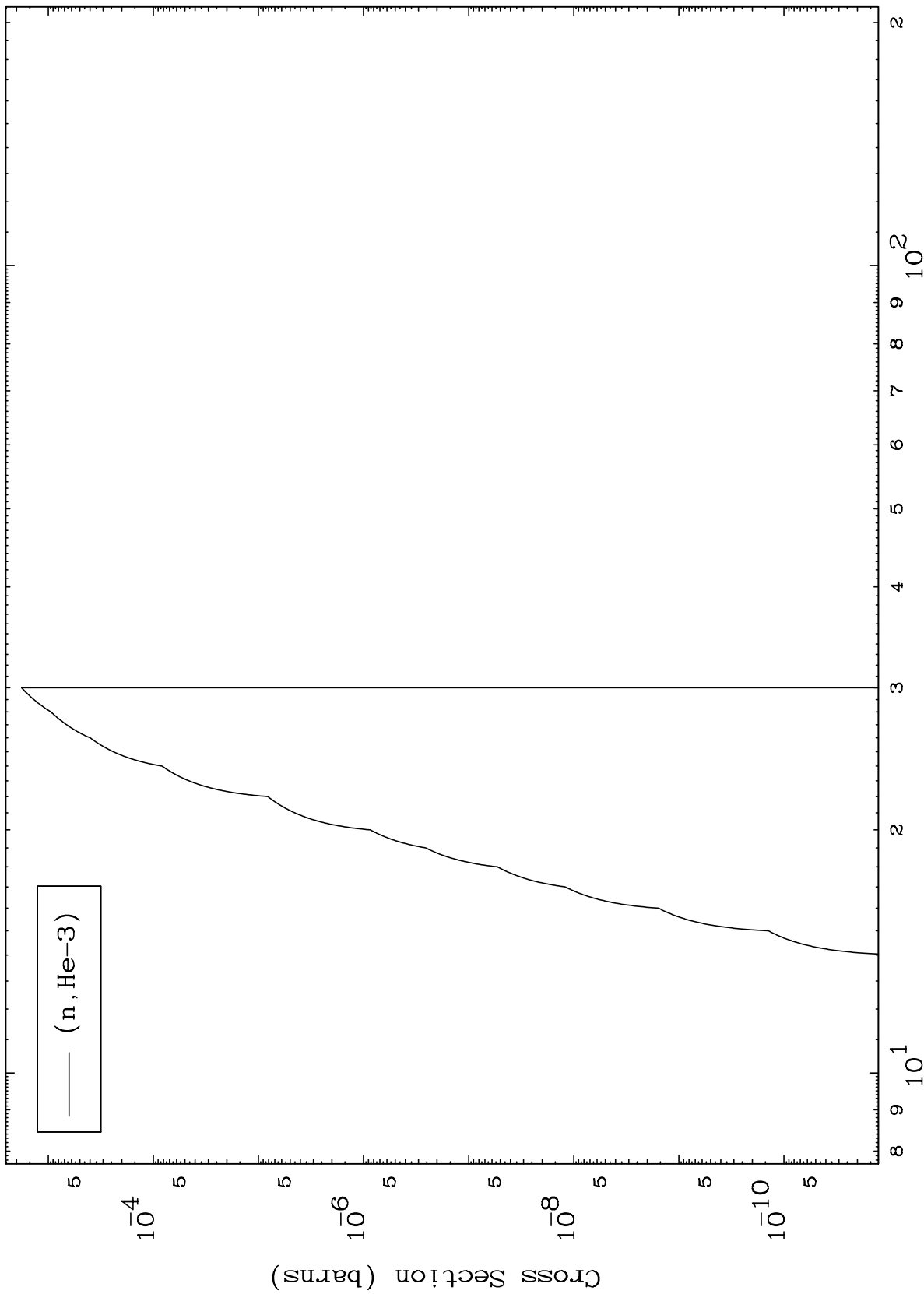
Incident Energy (MeV)

40-Zr-85

MAT 4010

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

40-Zr-85



9

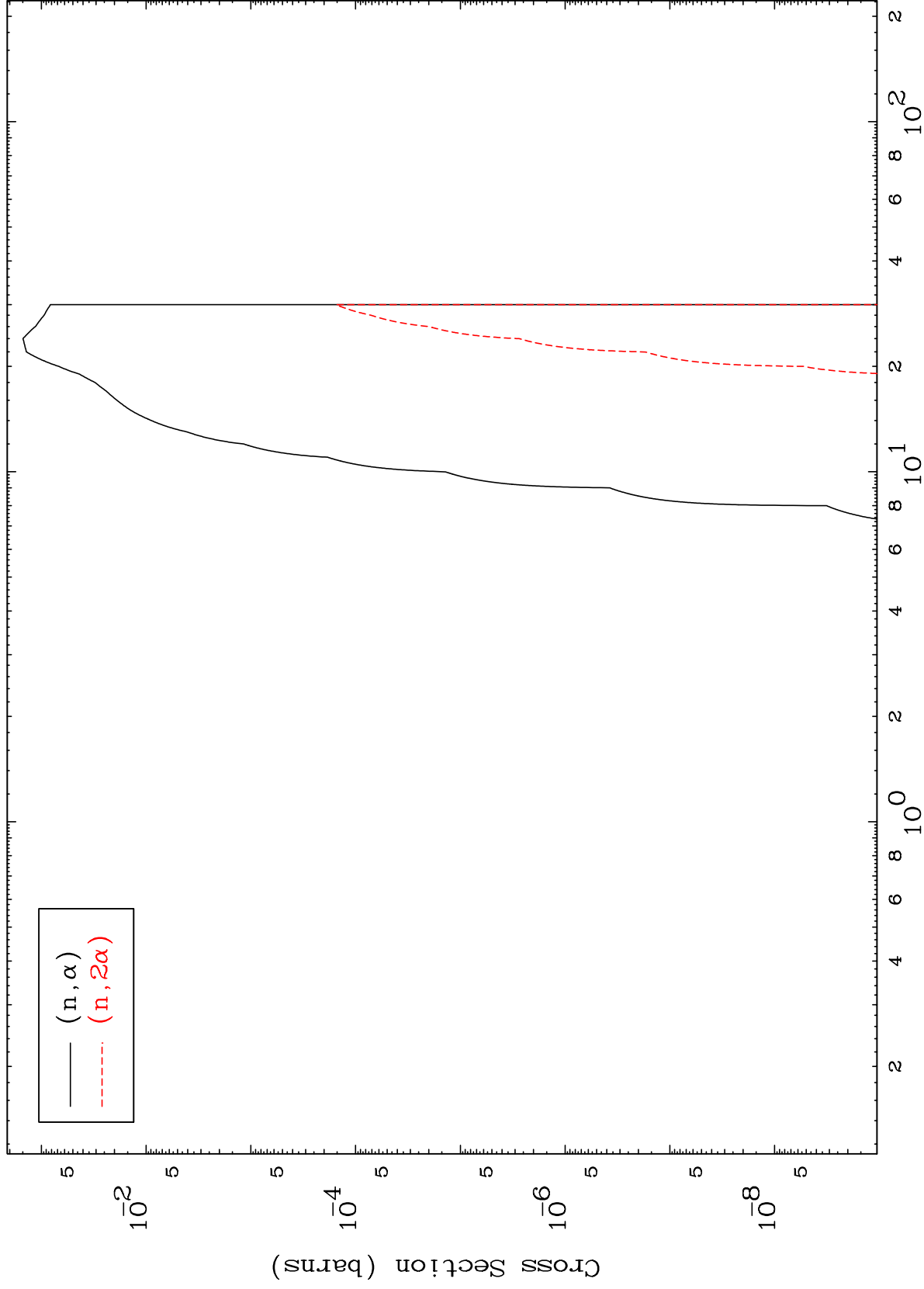
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-85

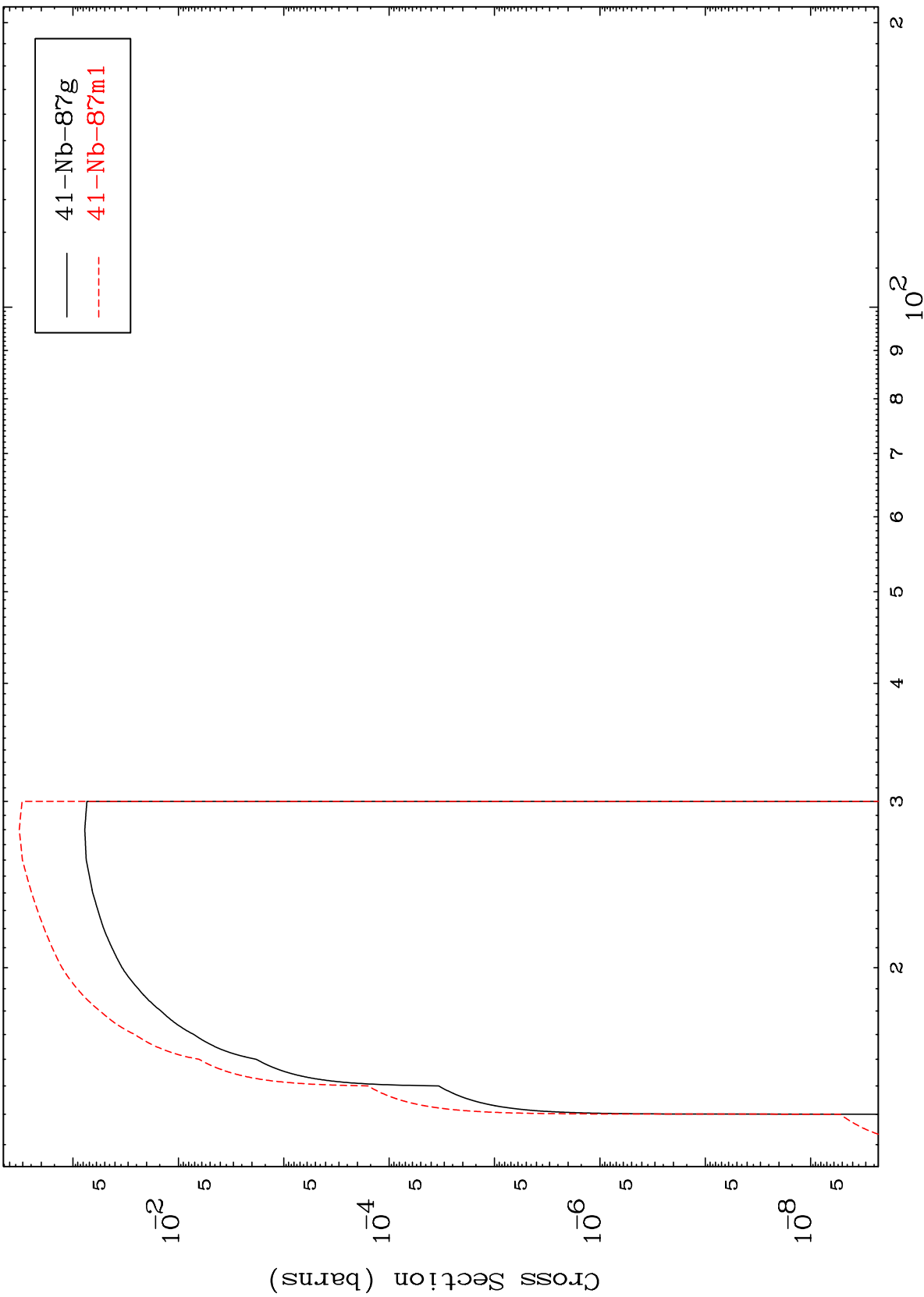


10

Incident Energy (MeV)

40-Zr-85

Radionuclide Production Cross Section



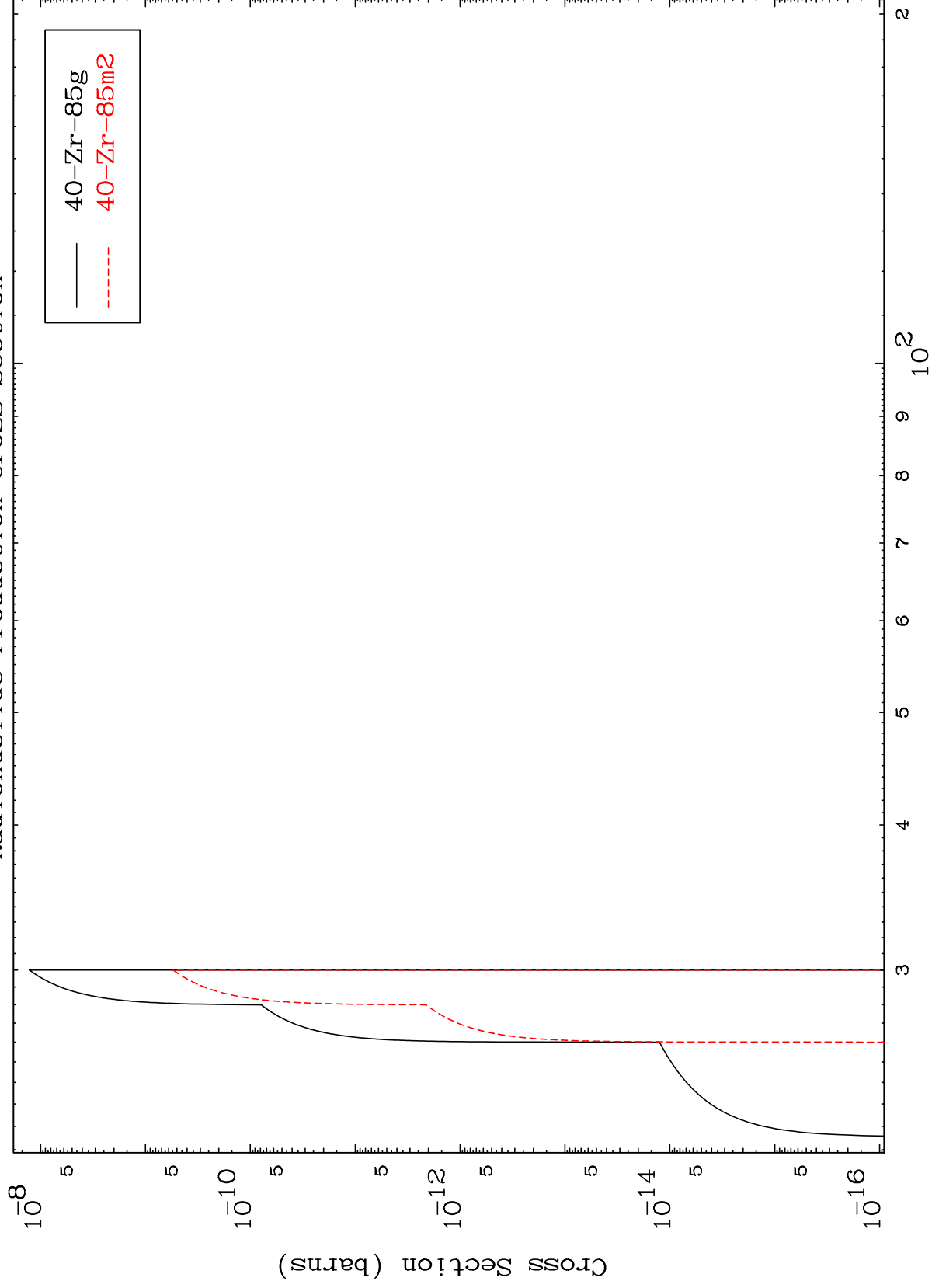
41-Nb-87g
41-Nb-87m1

MAT 4010

(n,n') He-3

40-Zr-85

Radionuclide Production Cross Section



12

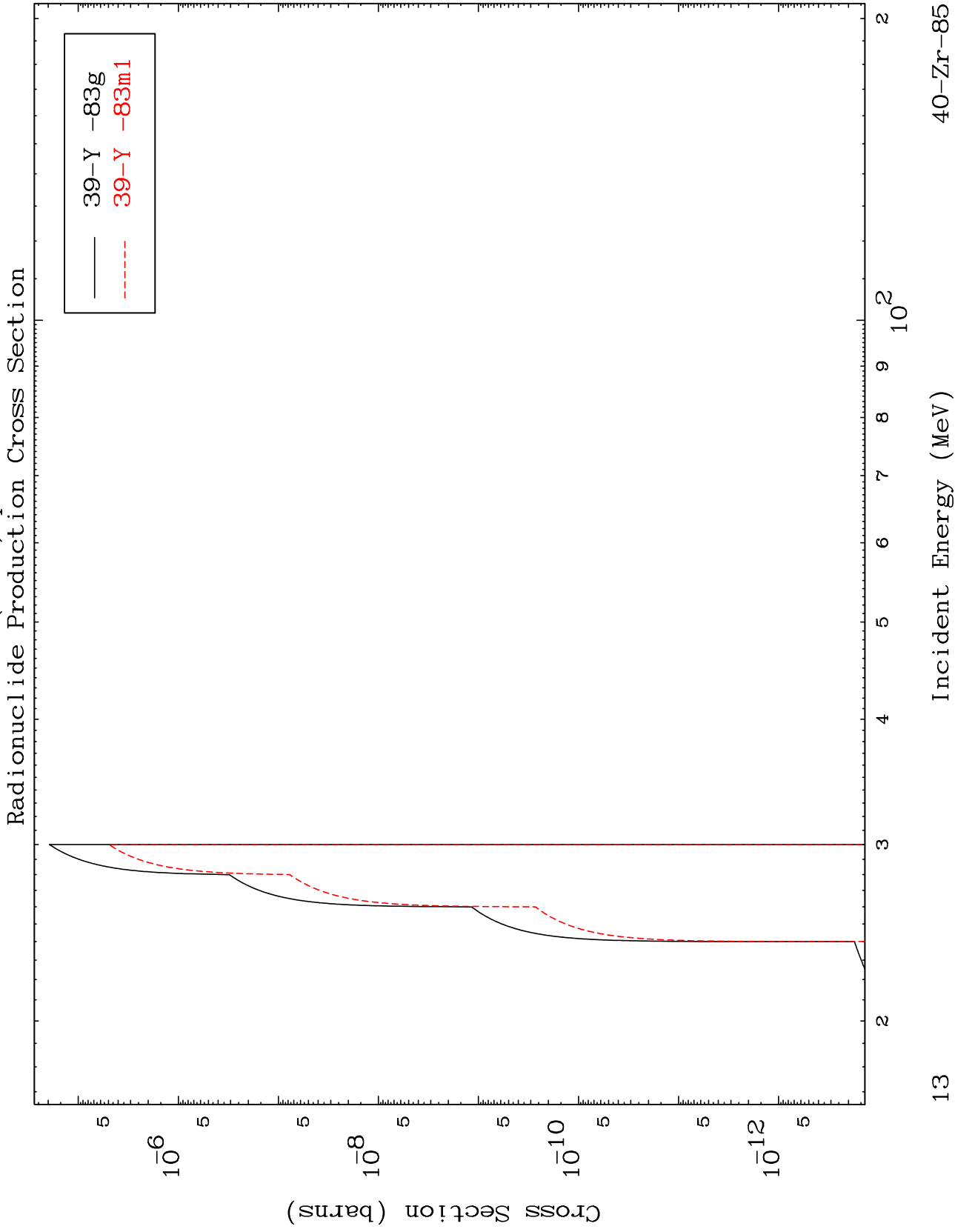
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,n') p α

40-Zr-85



13

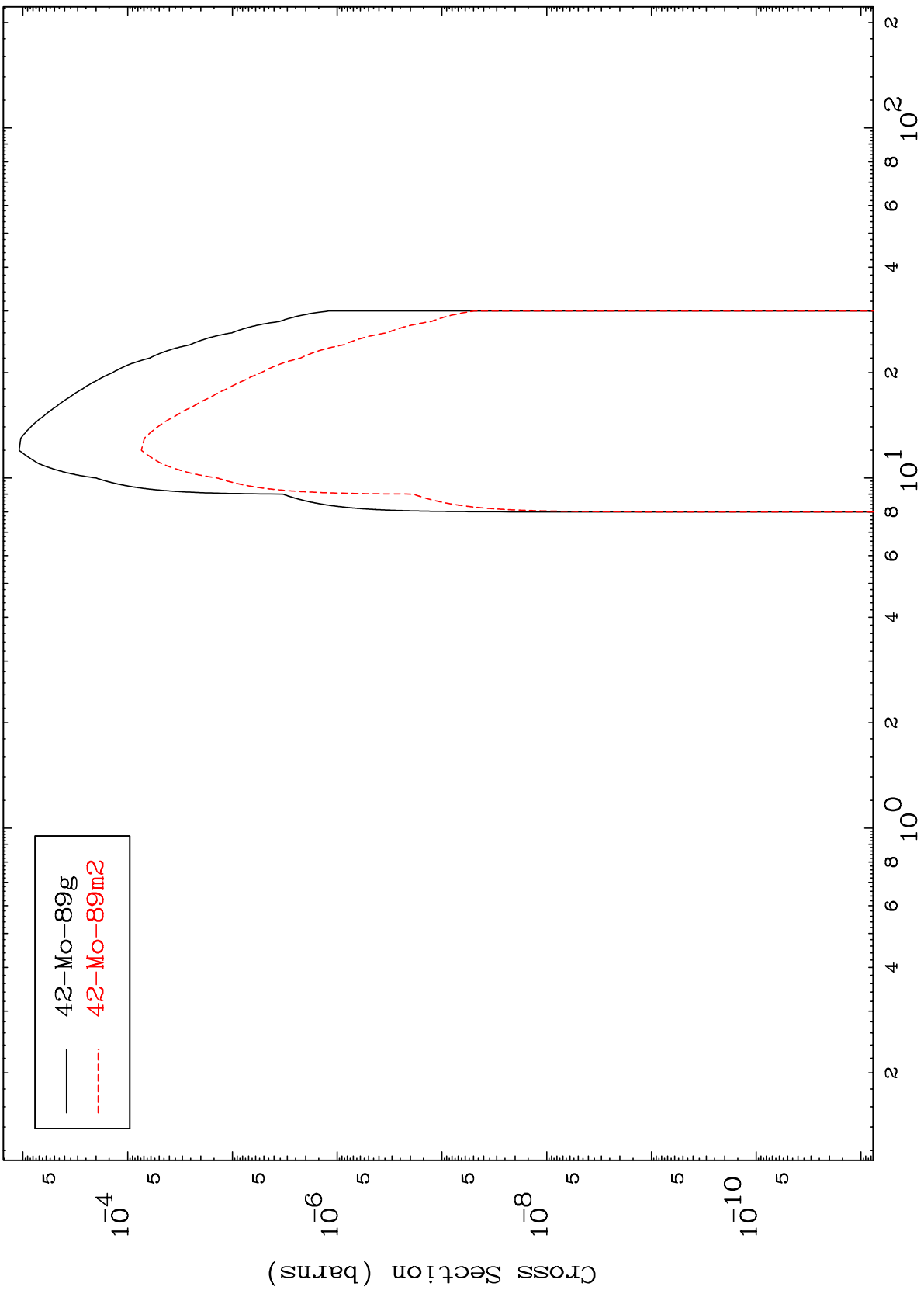
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(n, γ)
Radionuclide Production Cross Section

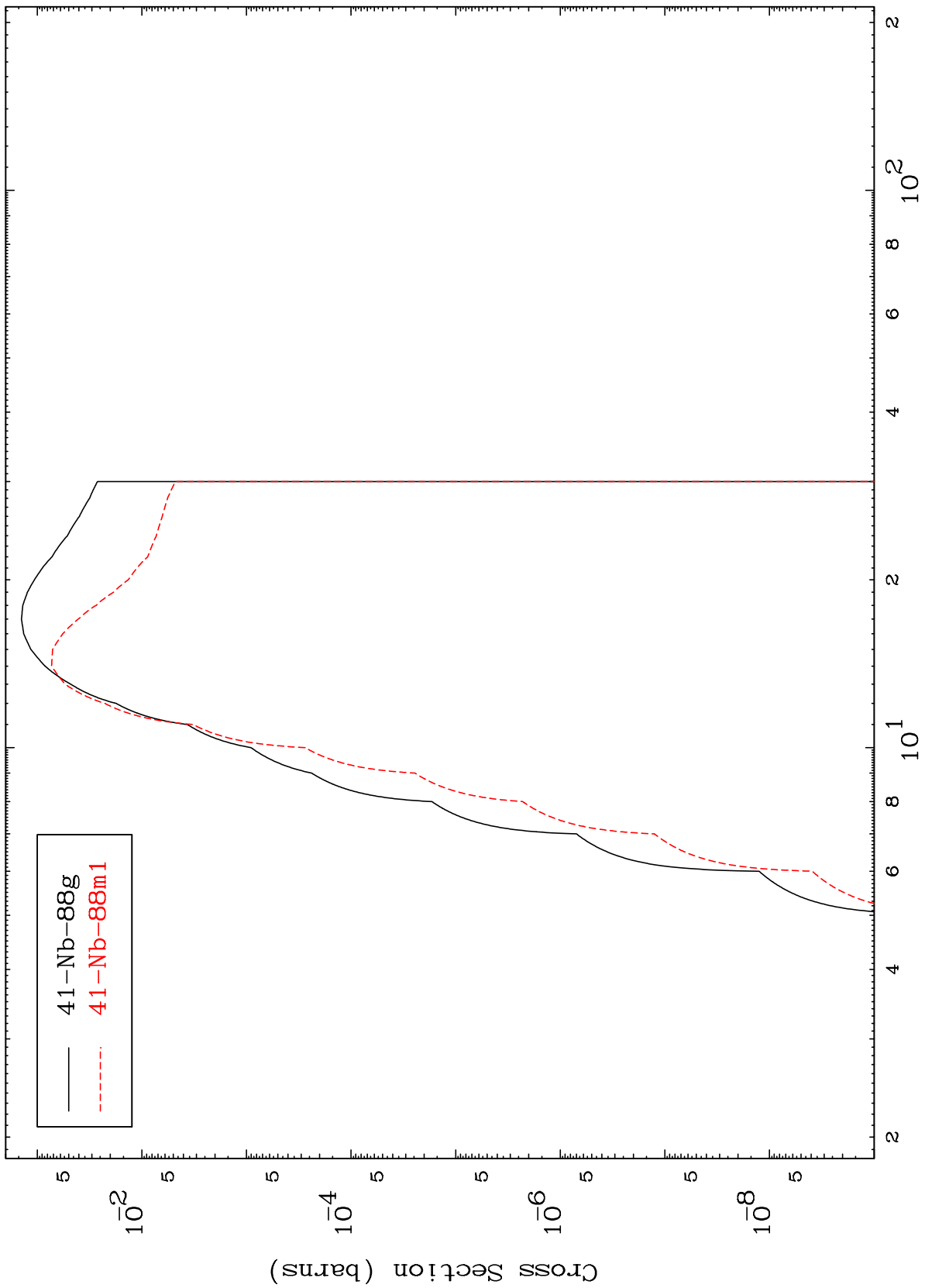


— 42-Mo-89g
- - - 42-Mo-89m2

MAT 4010

40-Zr-85

(n,p)
Radionuclide Production Cross Section



— 41-Nb-88g
- - - 41-Nb-88m1

15

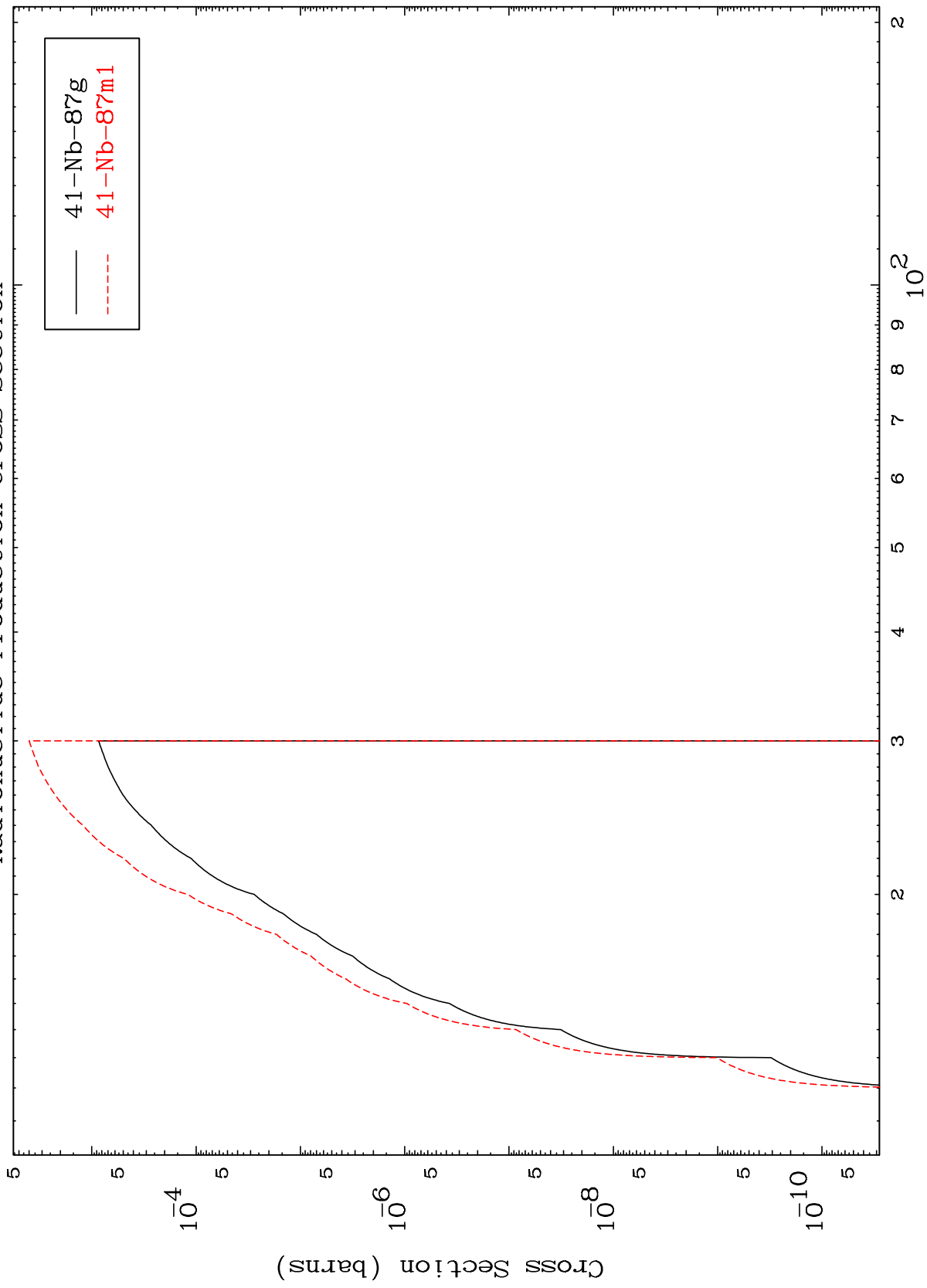
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(n,d)
Radionuclide Production Cross Section



16

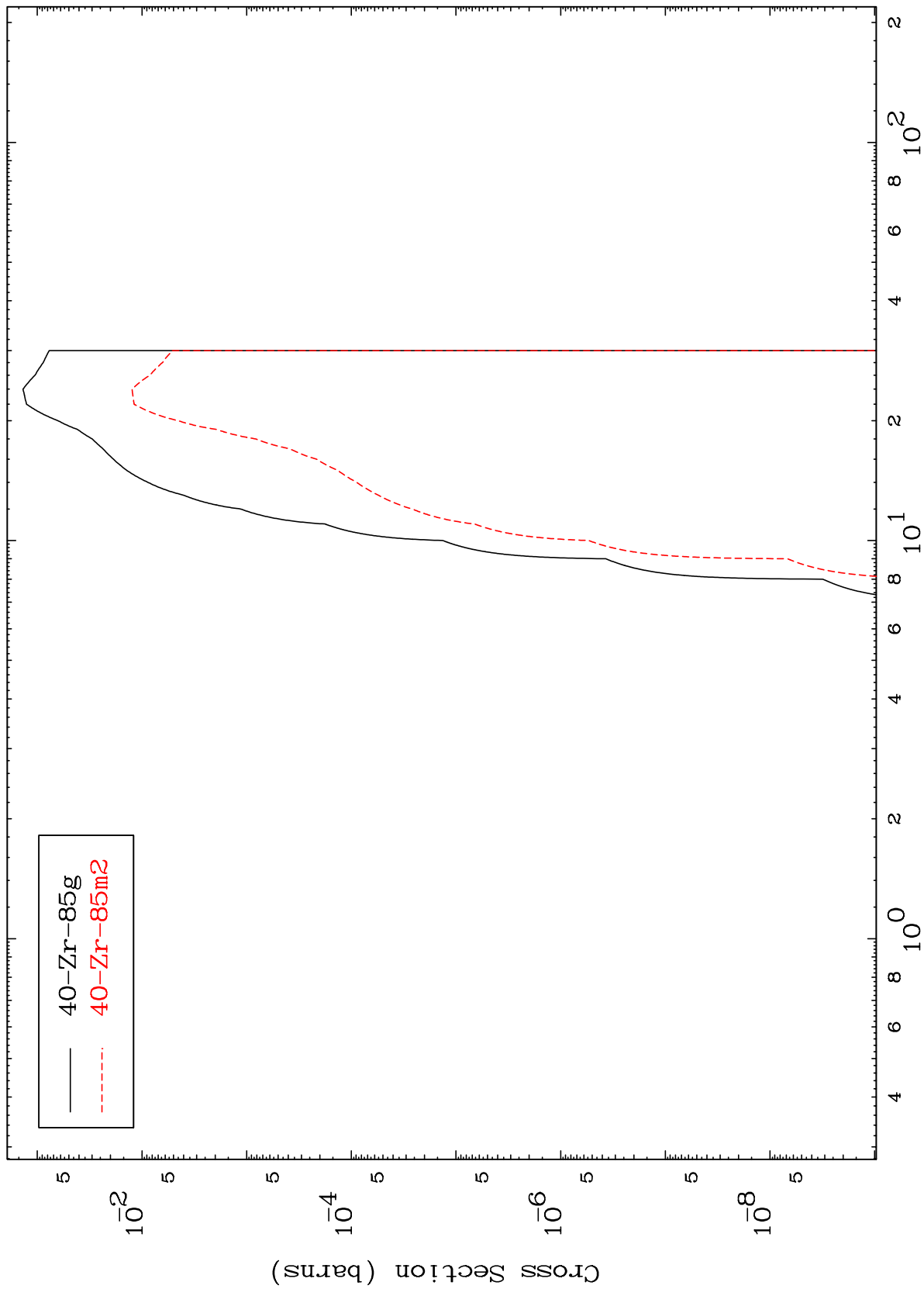
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

Radionuclide Production Cross Section



17

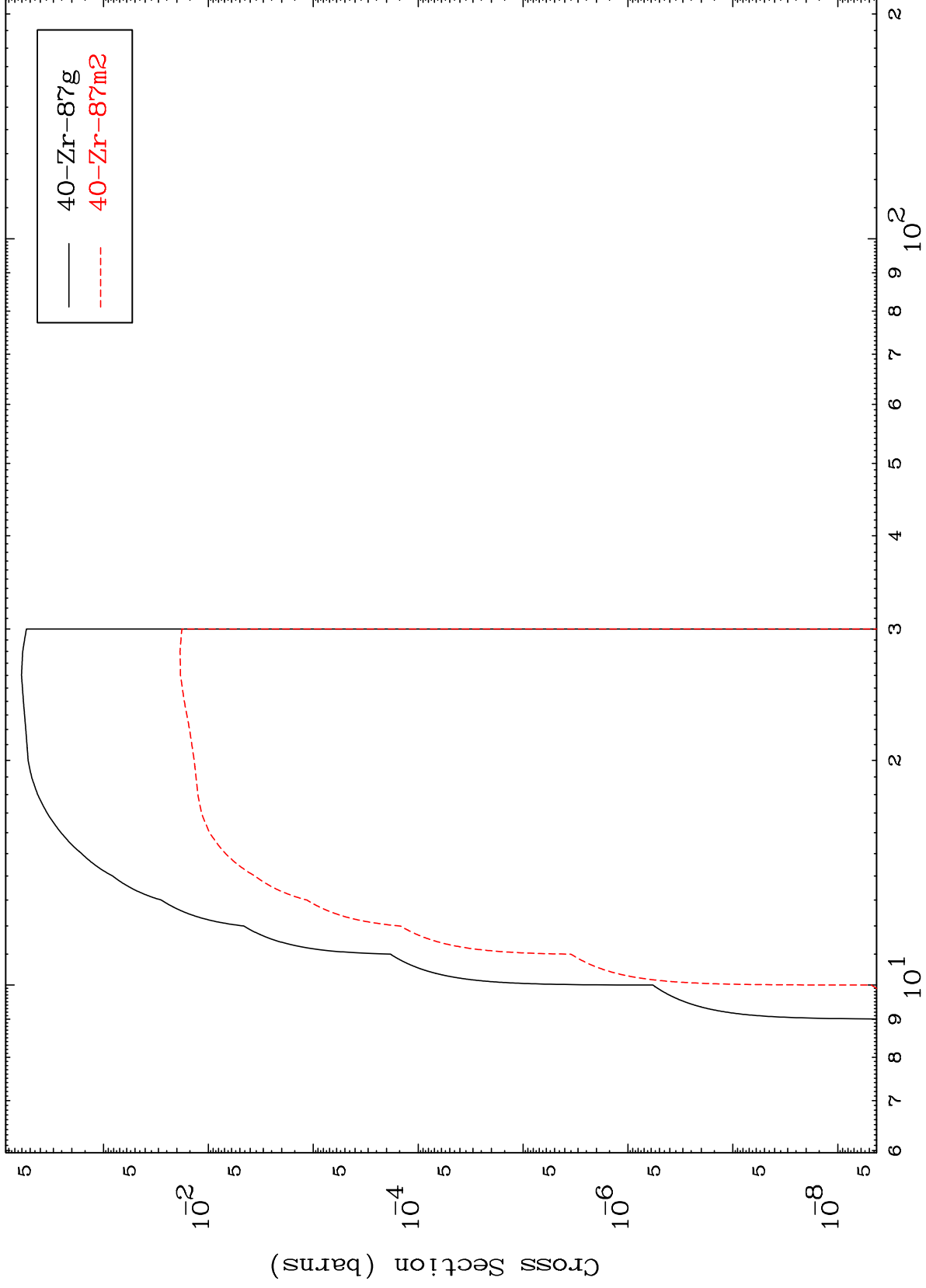
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

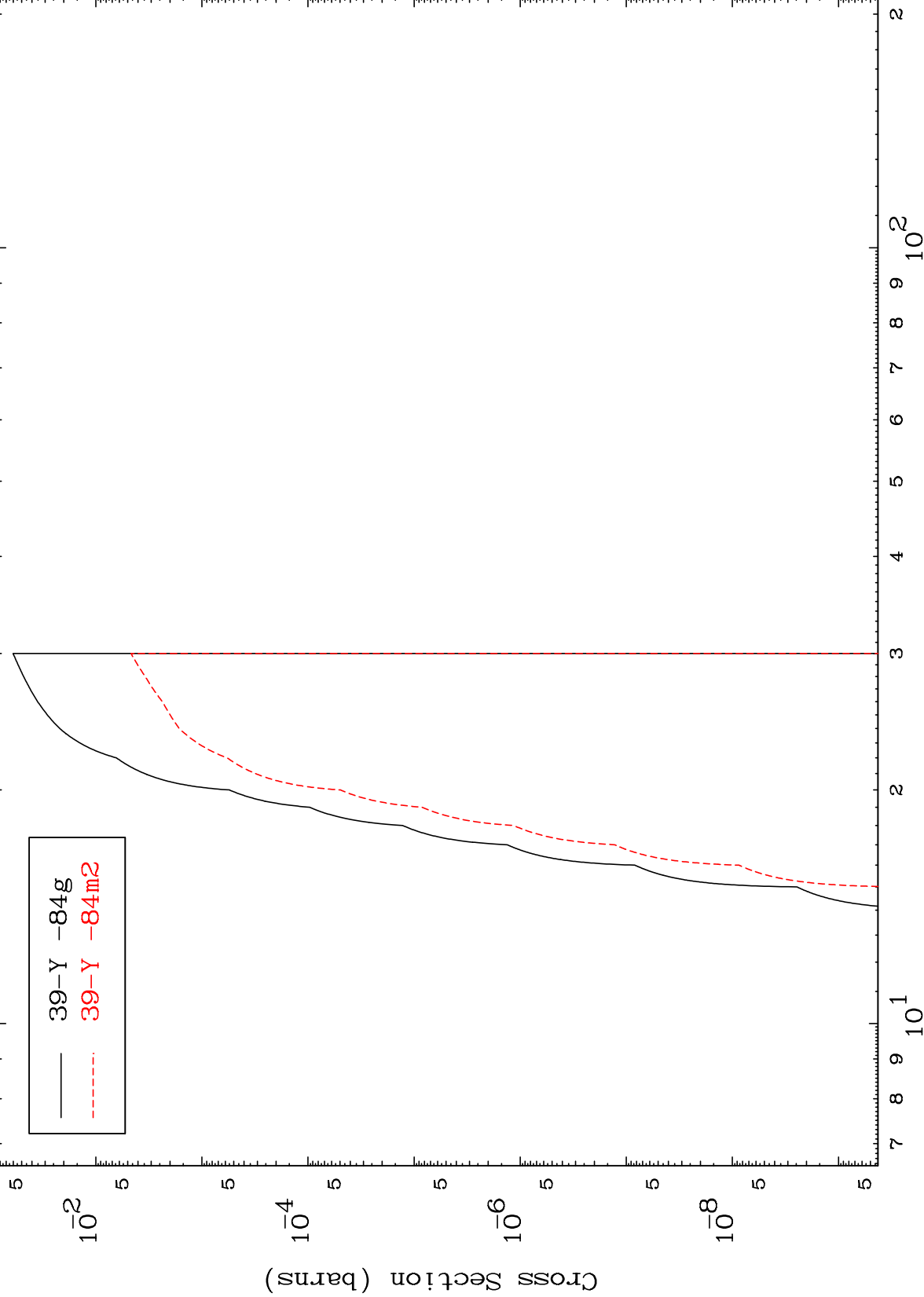
40-Zr-85

MAT 4010

(n,p) α

40-Zr-85

Radionuclide Production Cross Section



19

Incident Energy (MeV)

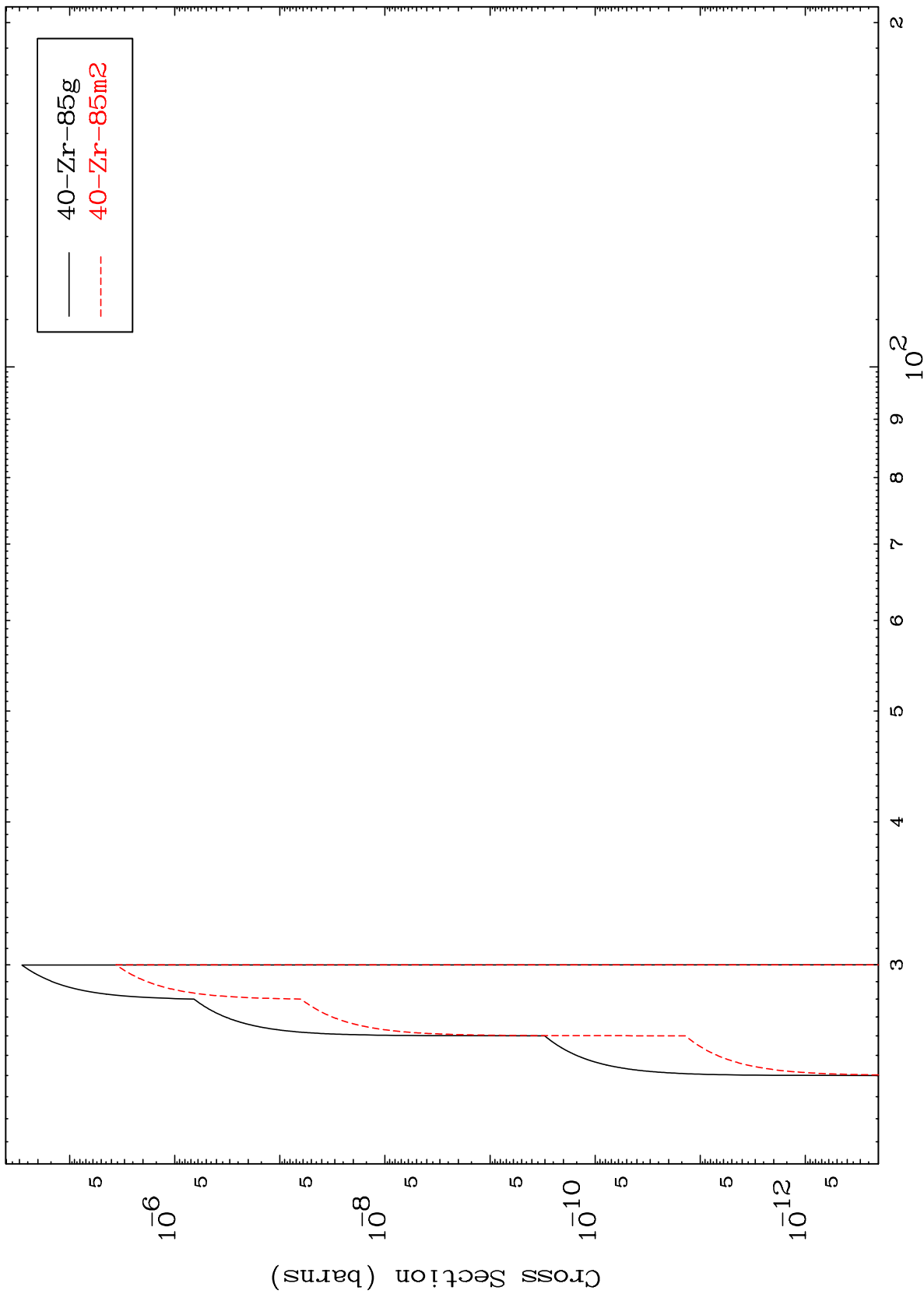
40-Zr-85

MAT 4010

(n,p) t

40-Zr-85

Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,d) α

40-Zr-85

Radionuclide Production Cross Section

