

Program EVALPLOT
(Version 2018-1)

by

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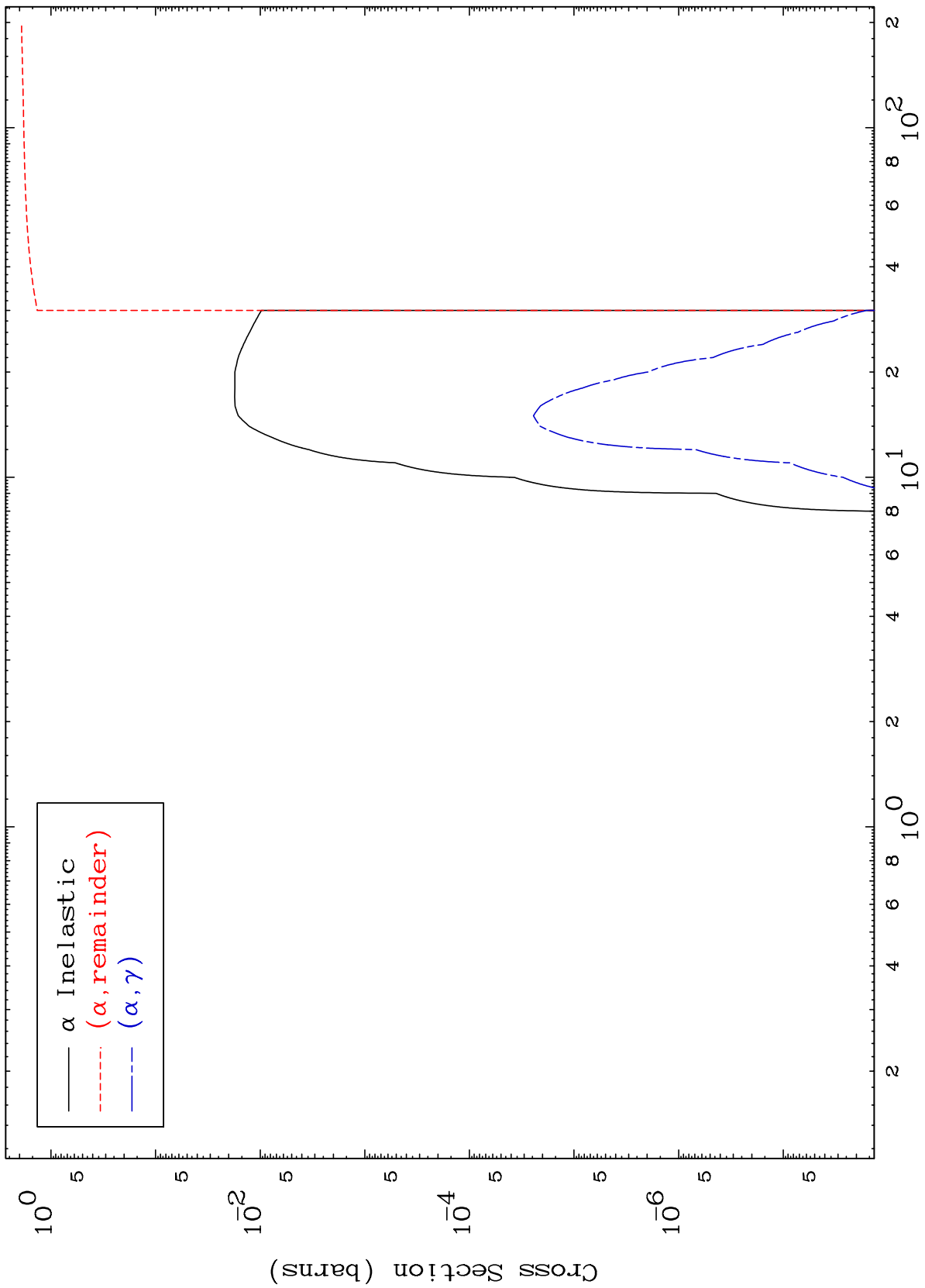
Press Mouse Button to Start

MAT 4300

α Major

43-Tc-90

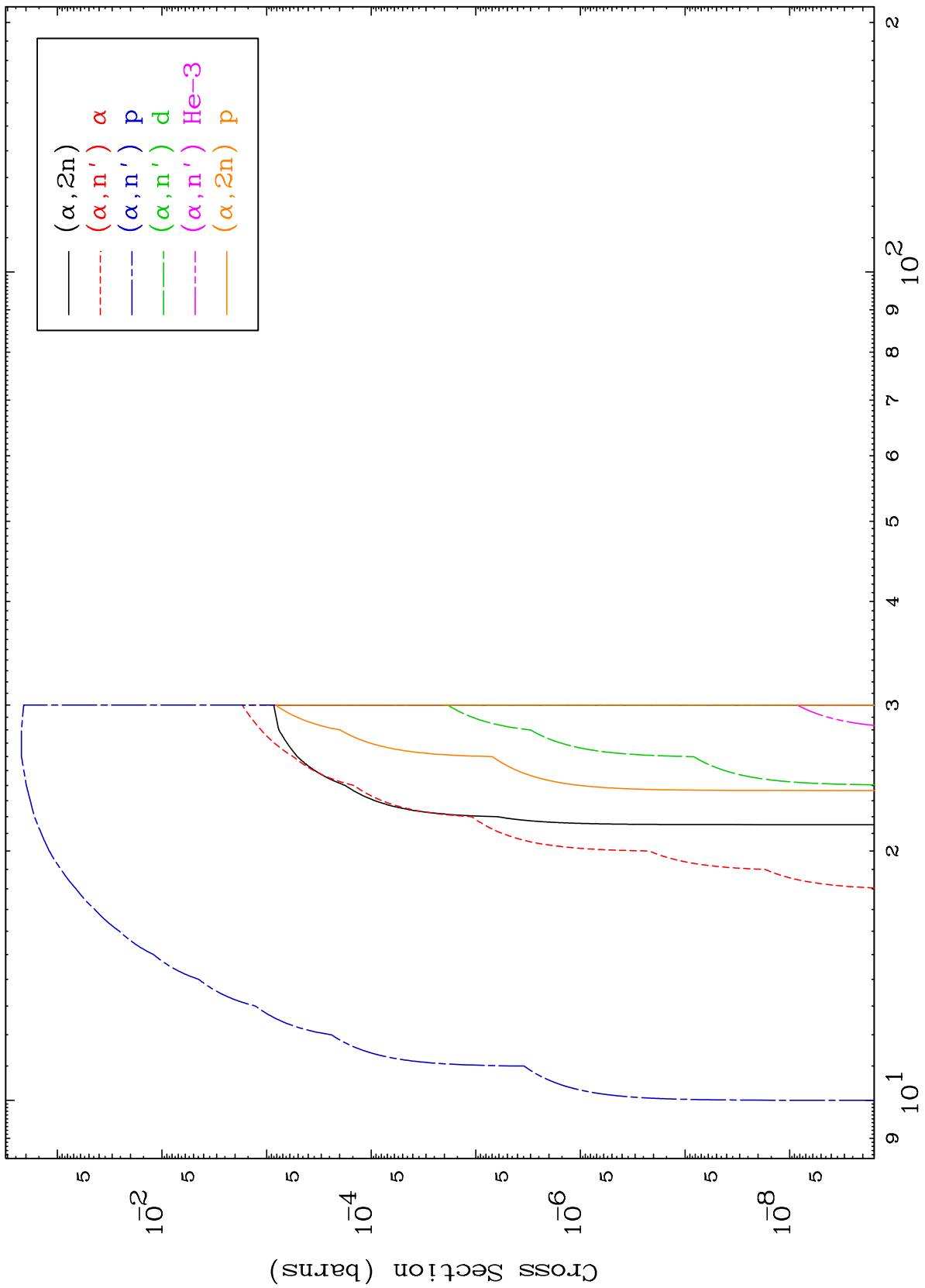
0 Kelvin Cross Sections



MAT 4300

α Neutron Production
0 Kelvin Cross Sections

43-Tc-90



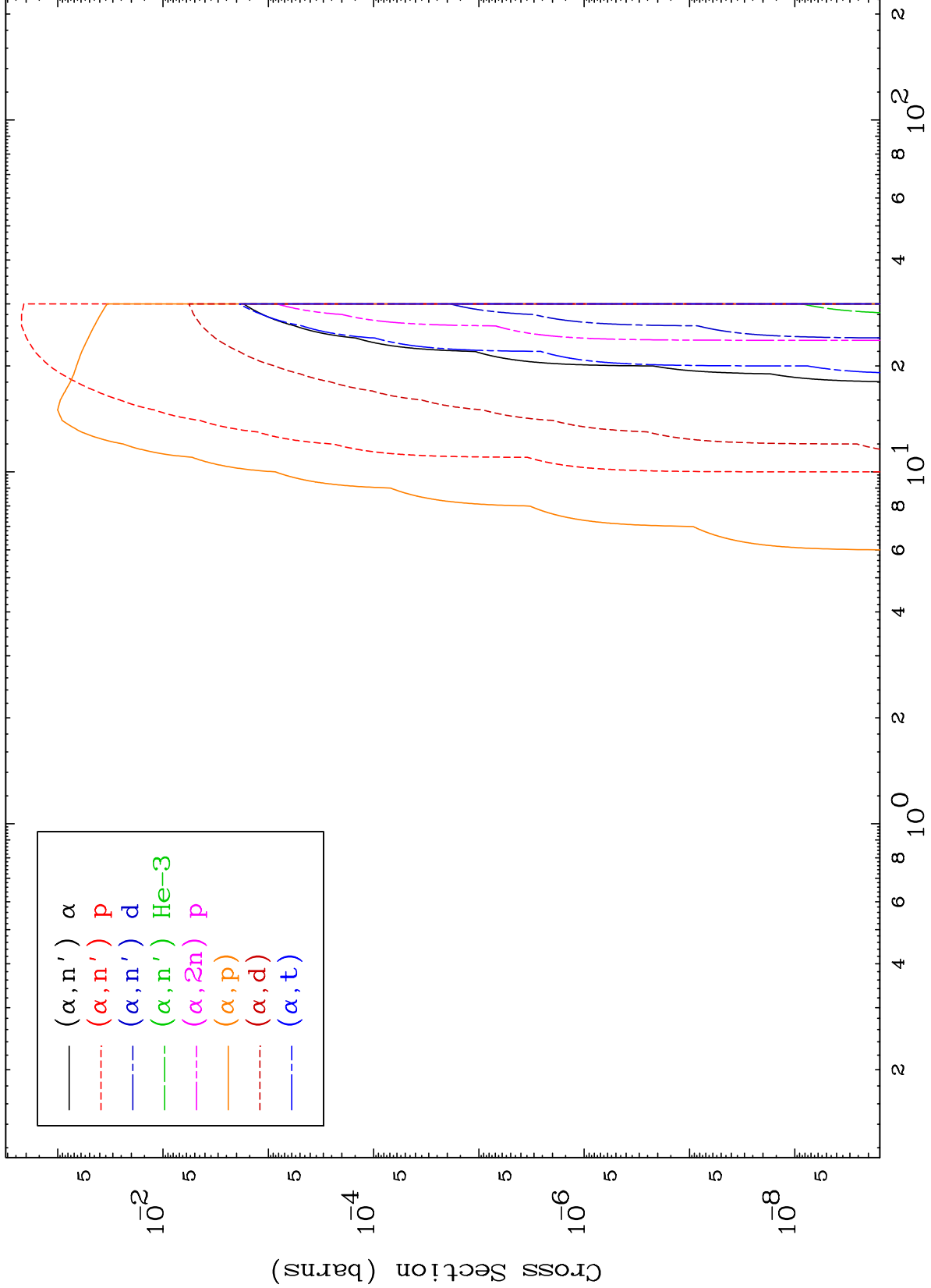
Incident Energy (MeV)

43-Tc-90

MAT 4300

α Charged Particle
0 Kelvin Cross Sections

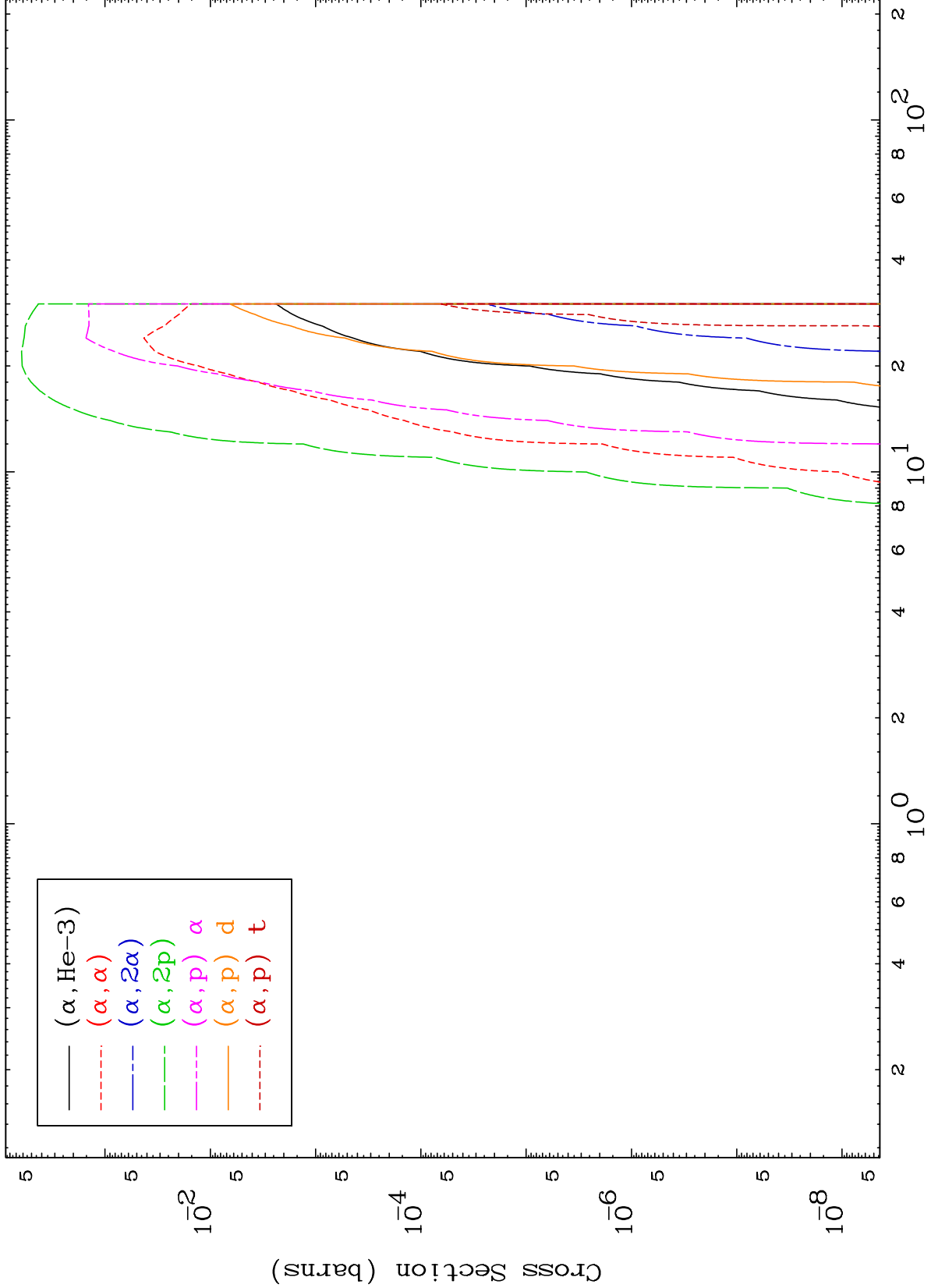
43-Tc-90



MAT 4300

α Charged Particle
0 Kelvin Cross Sections

43-Tc-90

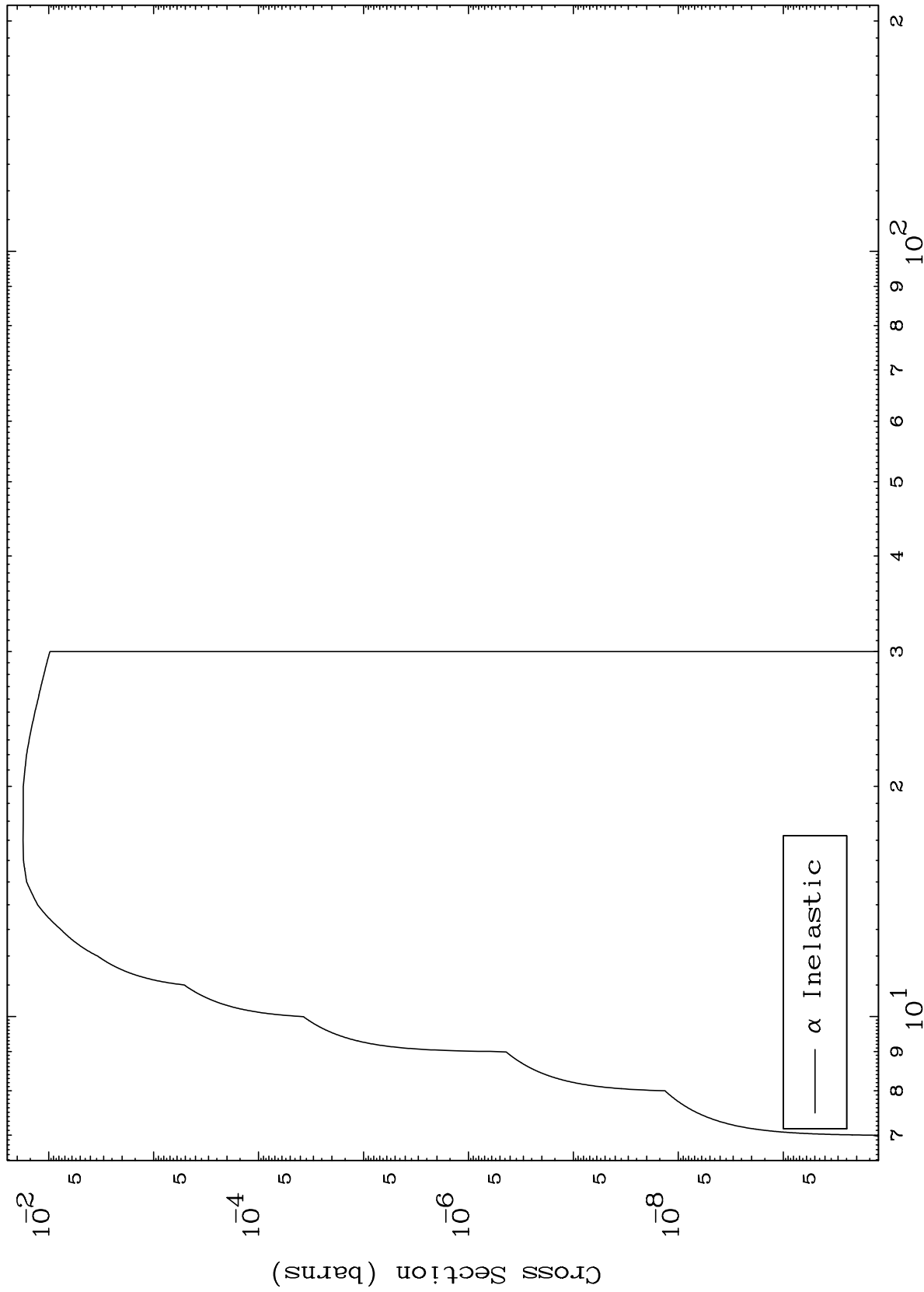


MAT 4300

(α, n') Level

43-Tc-90

0 Kelvin Cross Sections



5

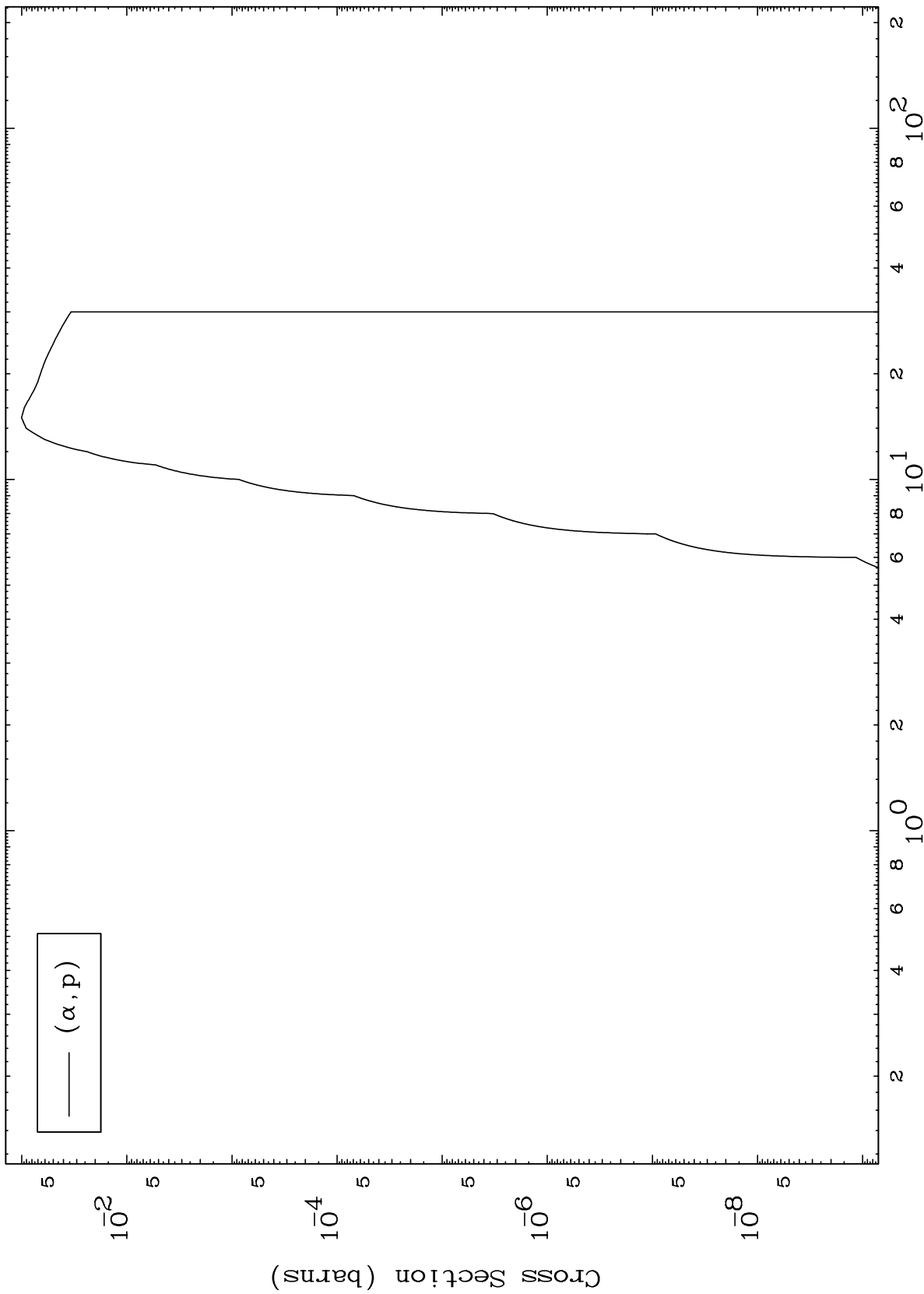
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

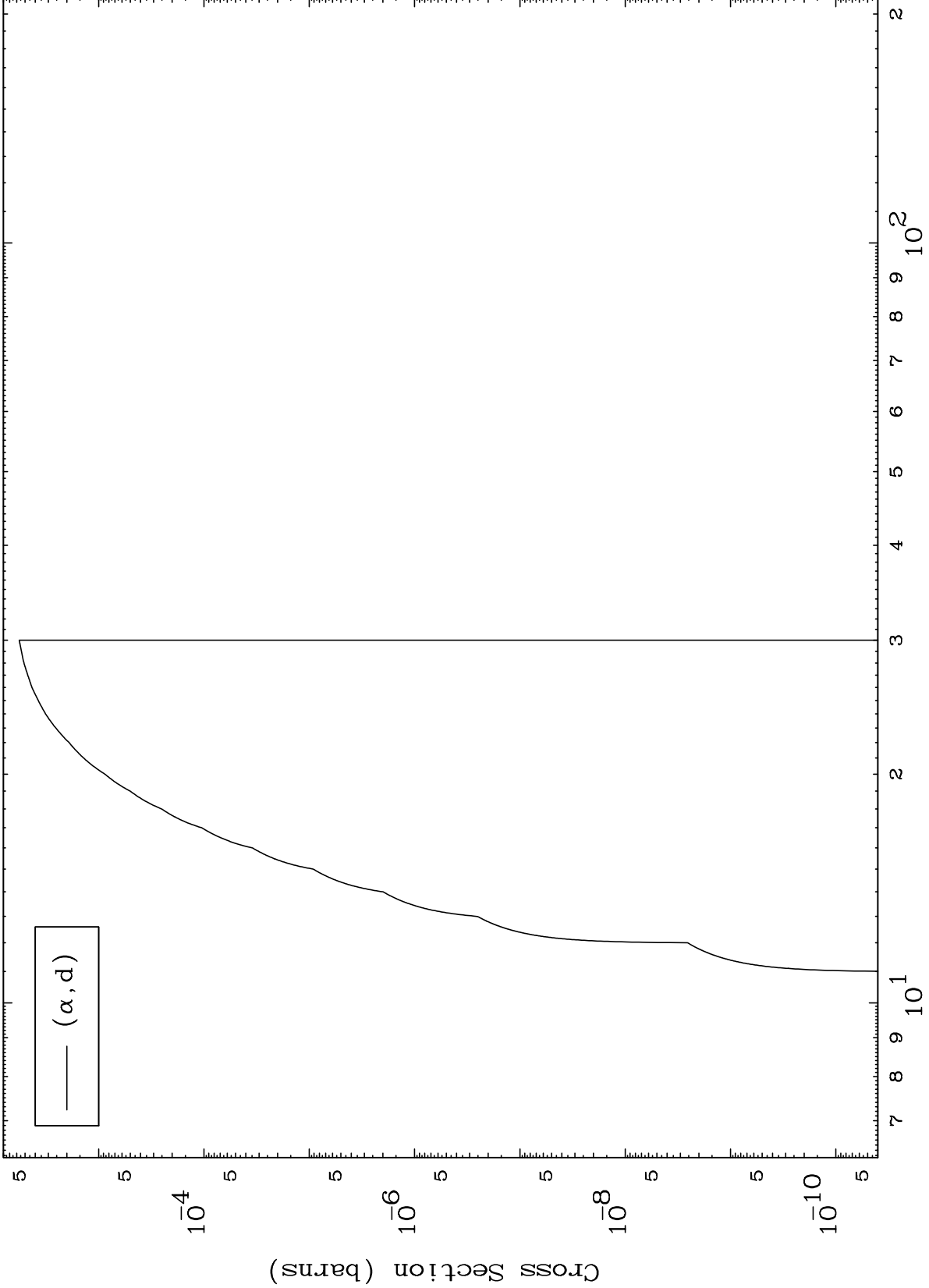
(α, p) Levels
0 Kelvin Cross Sections



MAT 4300

(α, d) Levels
0 Kelvin Cross Sections

43-Tc-90



7

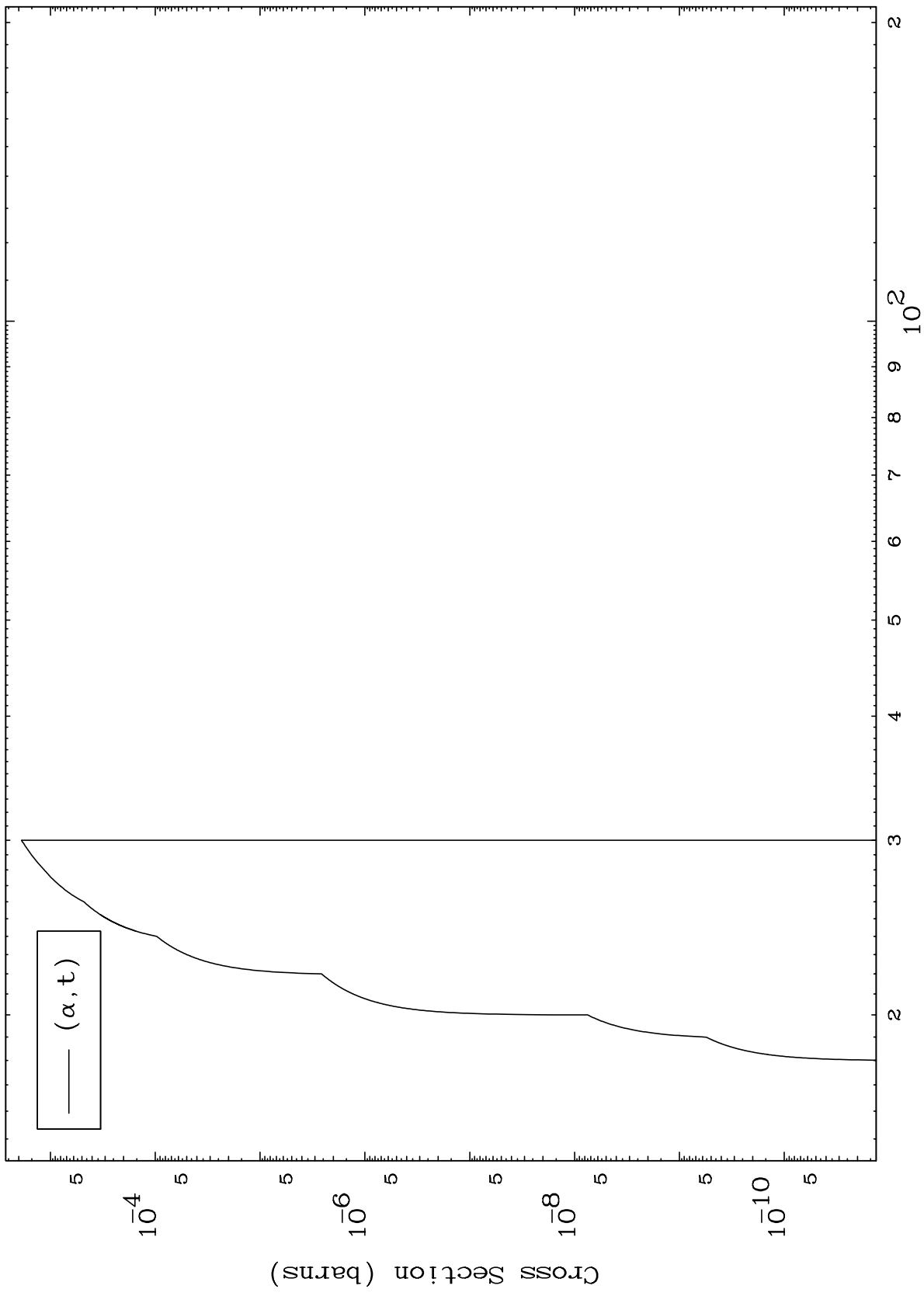
Incident Energy (MeV)

43-Tc-90

MAT 4300

(α, t) Levels
0 Kelvin Cross Sections

43-Tc-90



8

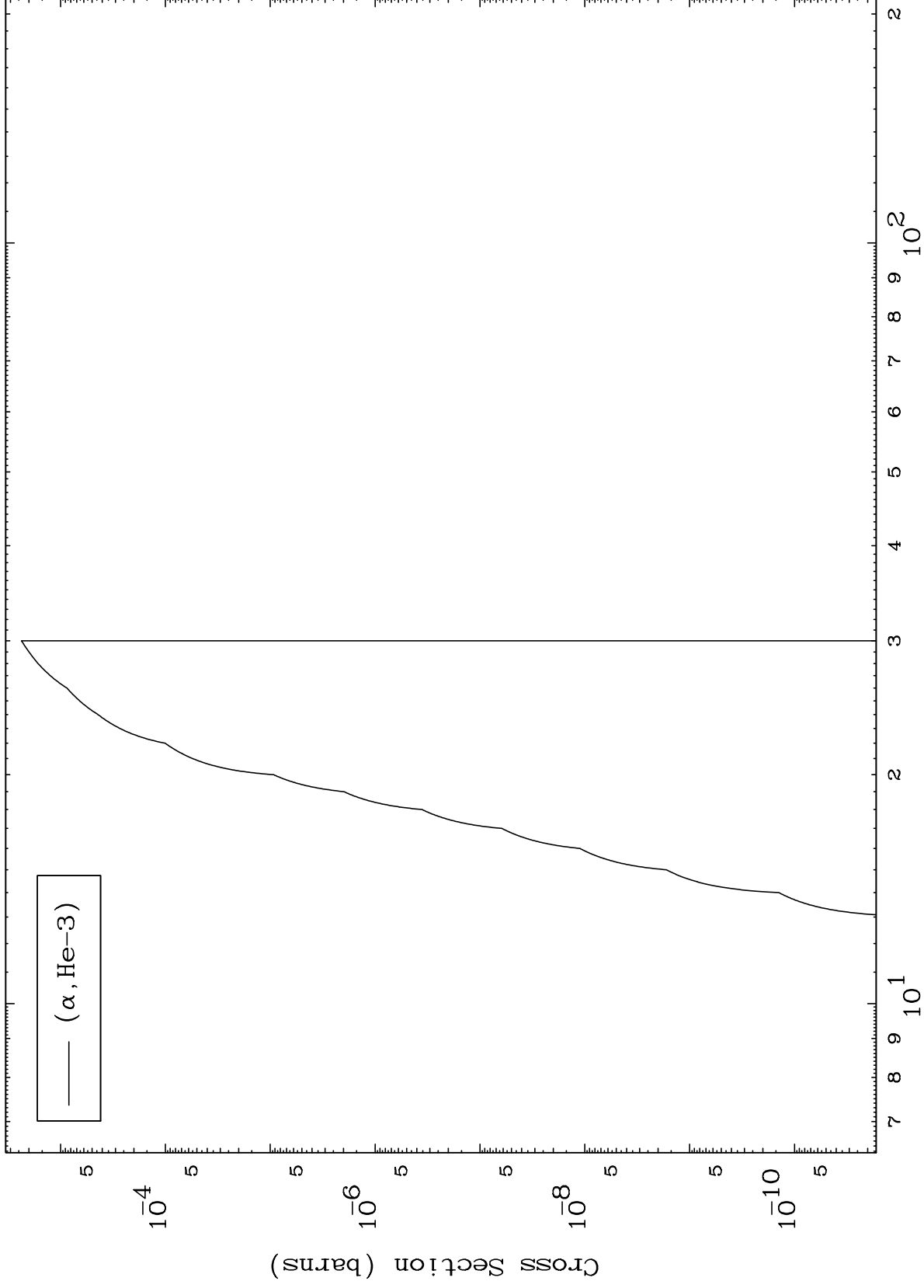
Incident Energy (MeV)

43-Tc-90

MAT 4300

(α , He3) Levels
0 Kelvin Cross Sections

43-Tc-90



9

Incident Energy (MeV)

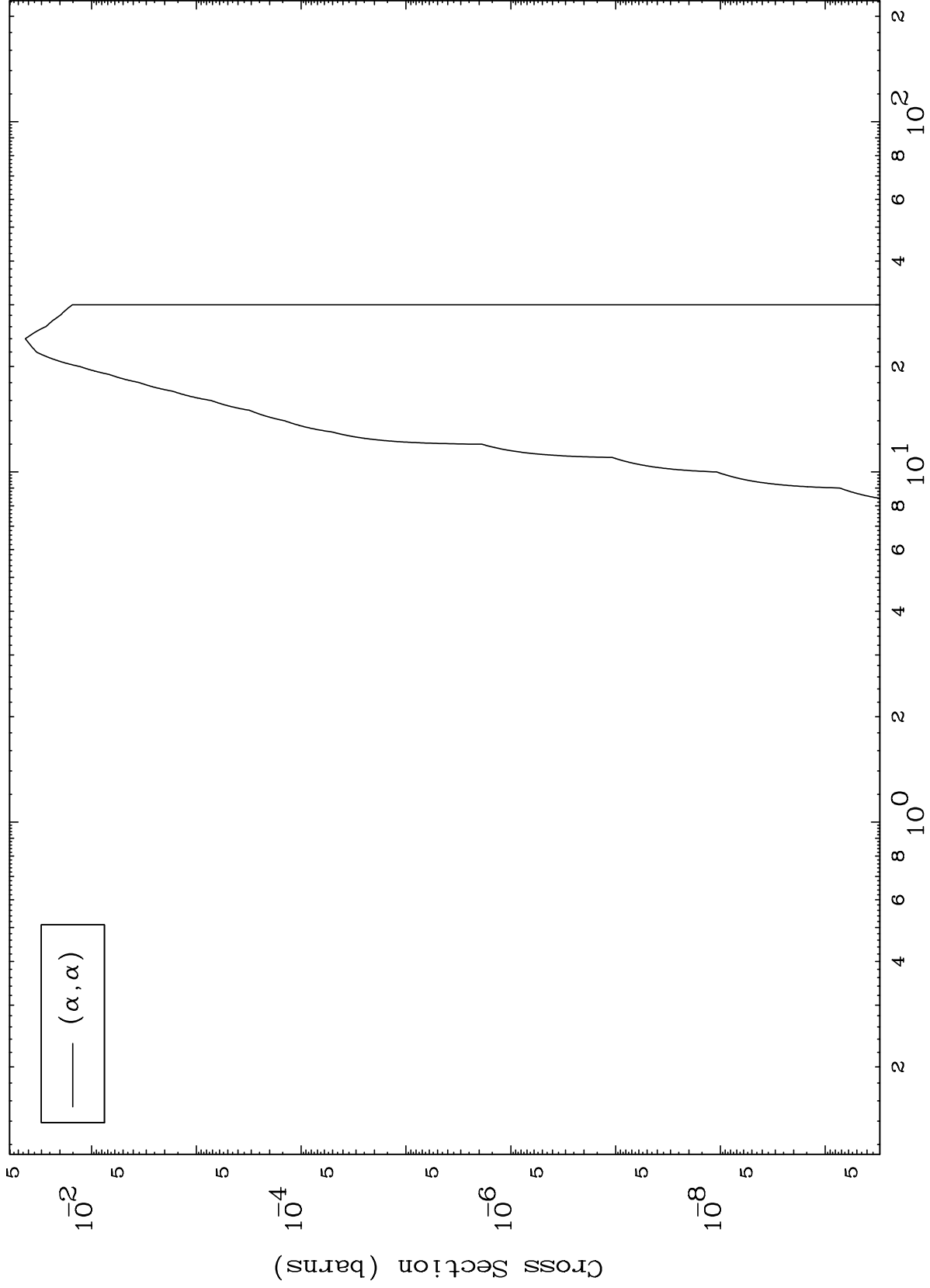
43-Tc-90

MAT 4300

(α, α) Levels

43-Tc-90

0 Kelvin Cross Sections



10

Incident Energy (MeV)

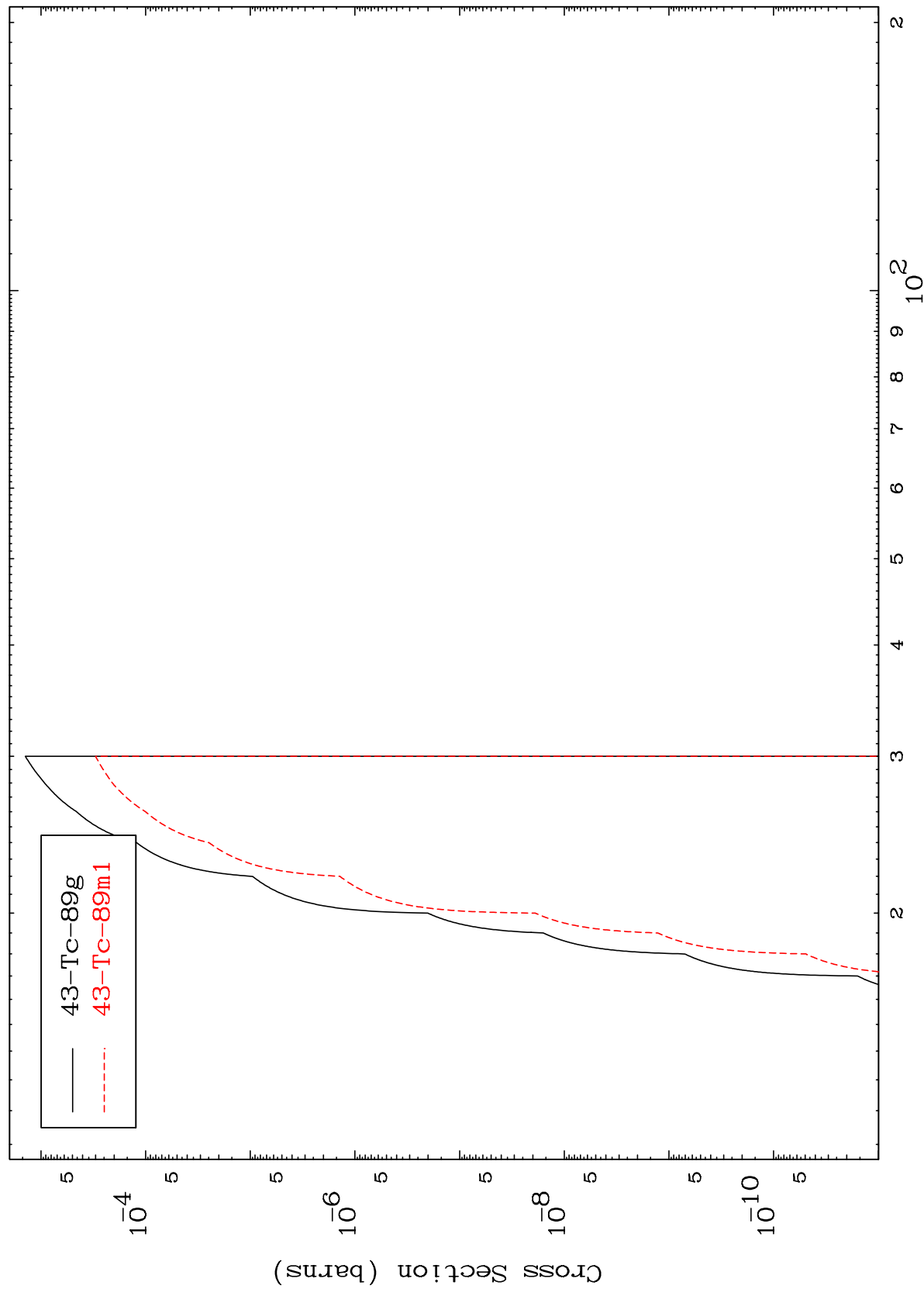
43-Tc-90

MAT 4300

(α, n') α

$^{43}\text{Tc-90}$

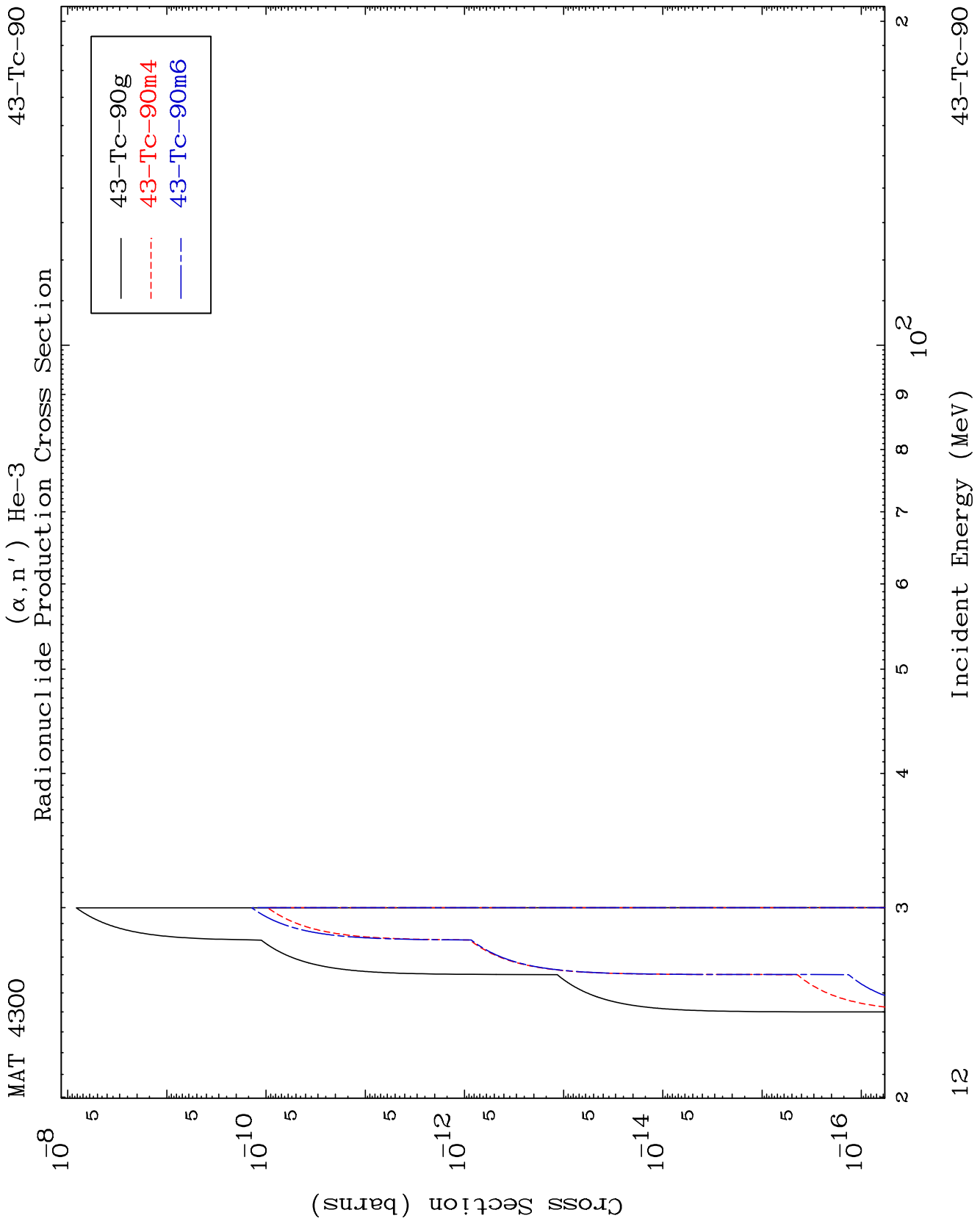
Radionuclide Production Cross Section



Incident Energy (MeV)

$^{43}\text{Tc-90}$

11

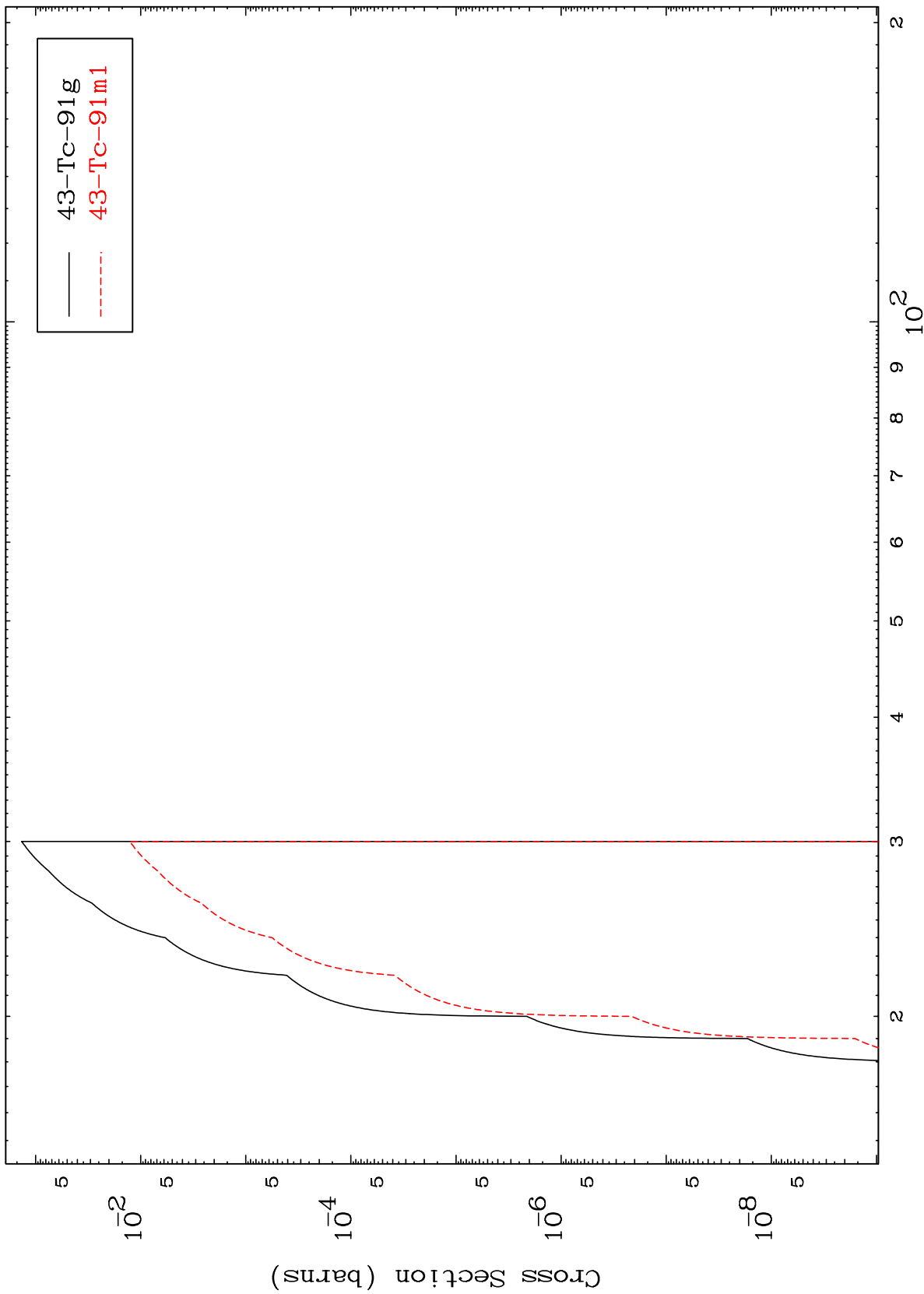


MAT 4300

($\alpha, 2n$) p

43-Tc-90

Radionuclide Production Cross Section



43-Tc-91g
43-Tc-91m1

13

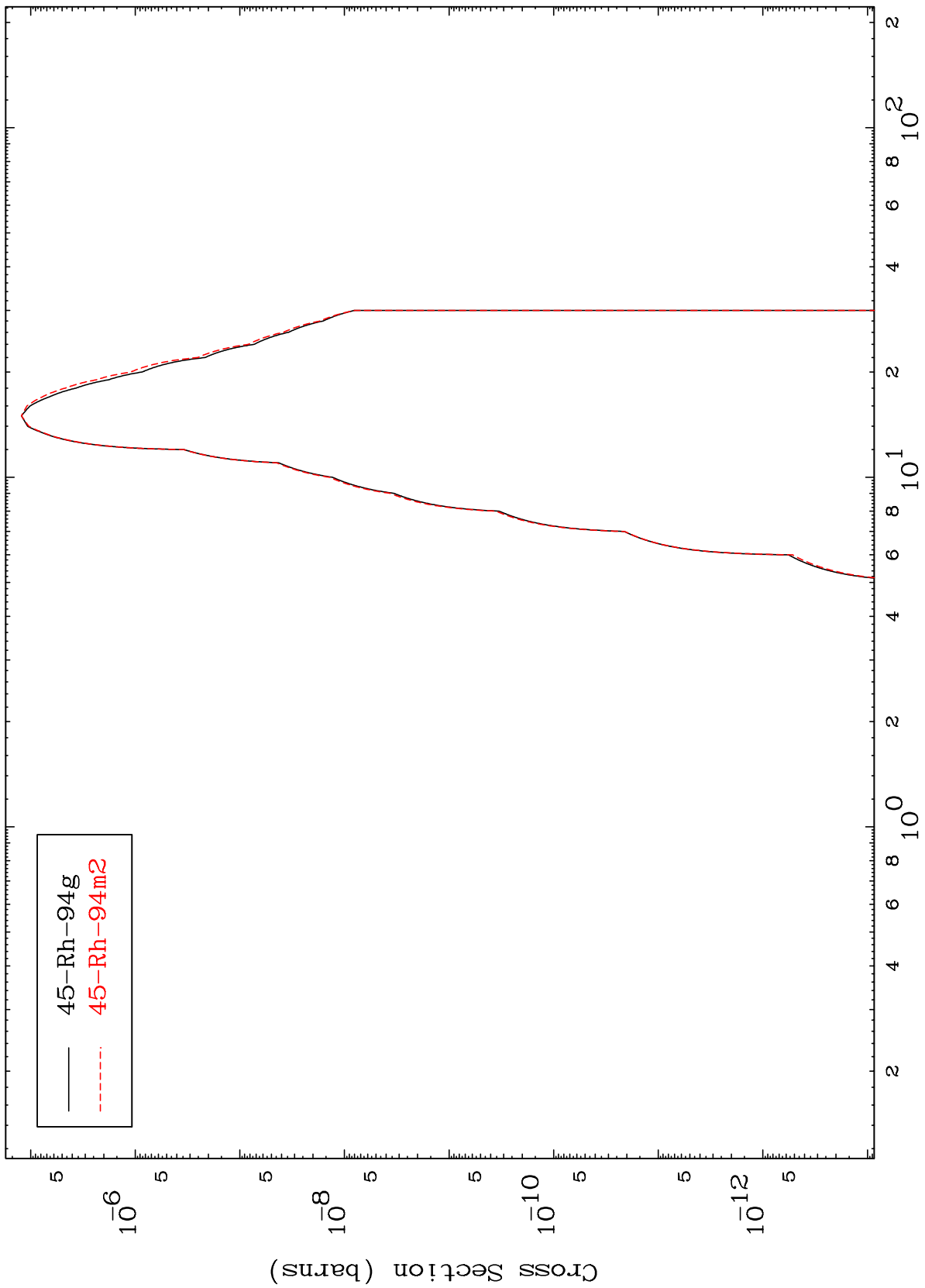
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

(α, γ)
Radionuclide Production Cross Section



— 45-Rh-94g
- - - 45-Rh-94m2

43-Tc-90

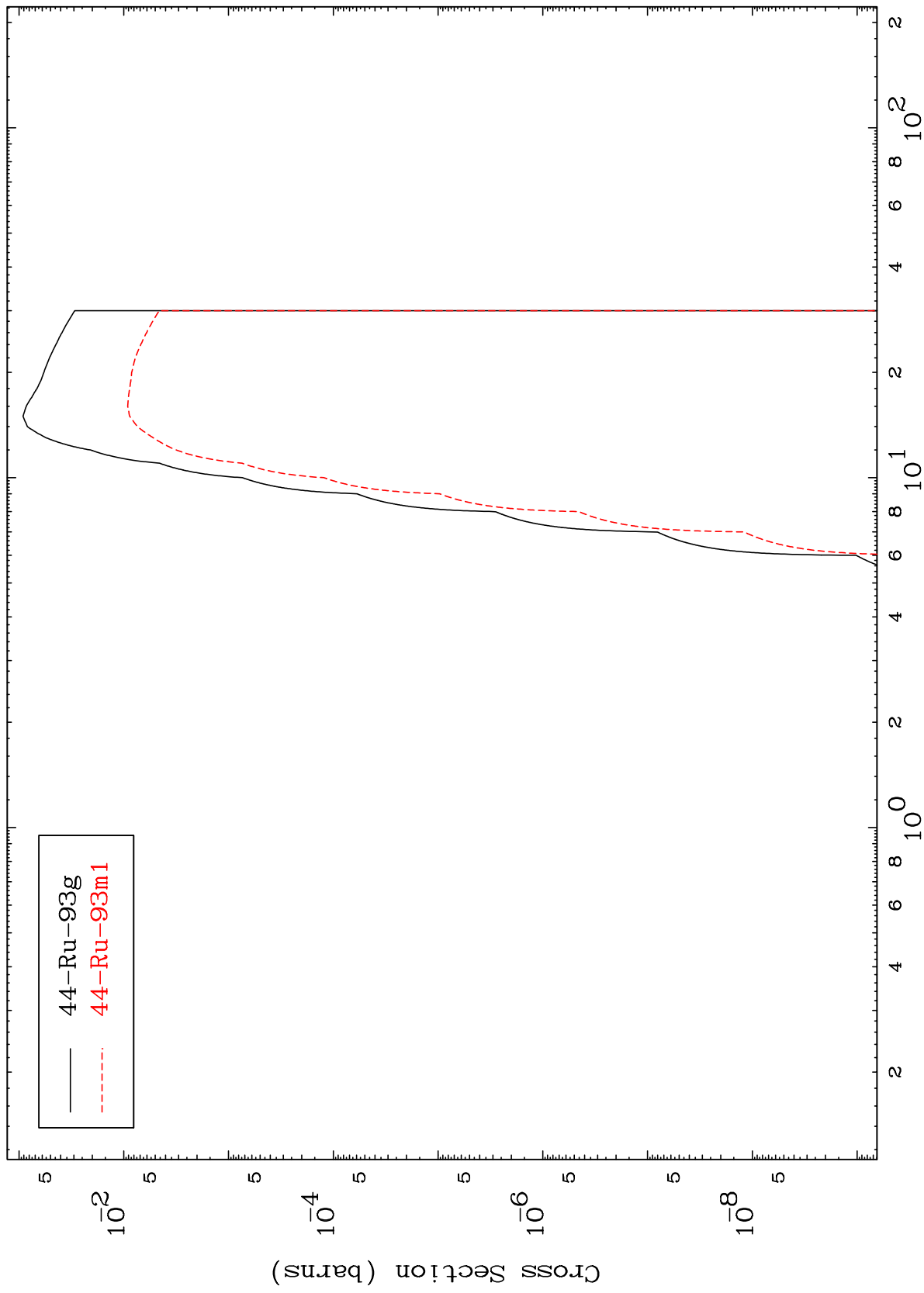
Incident Energy (MeV)

14

MAT 4300

43-Tc-90

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

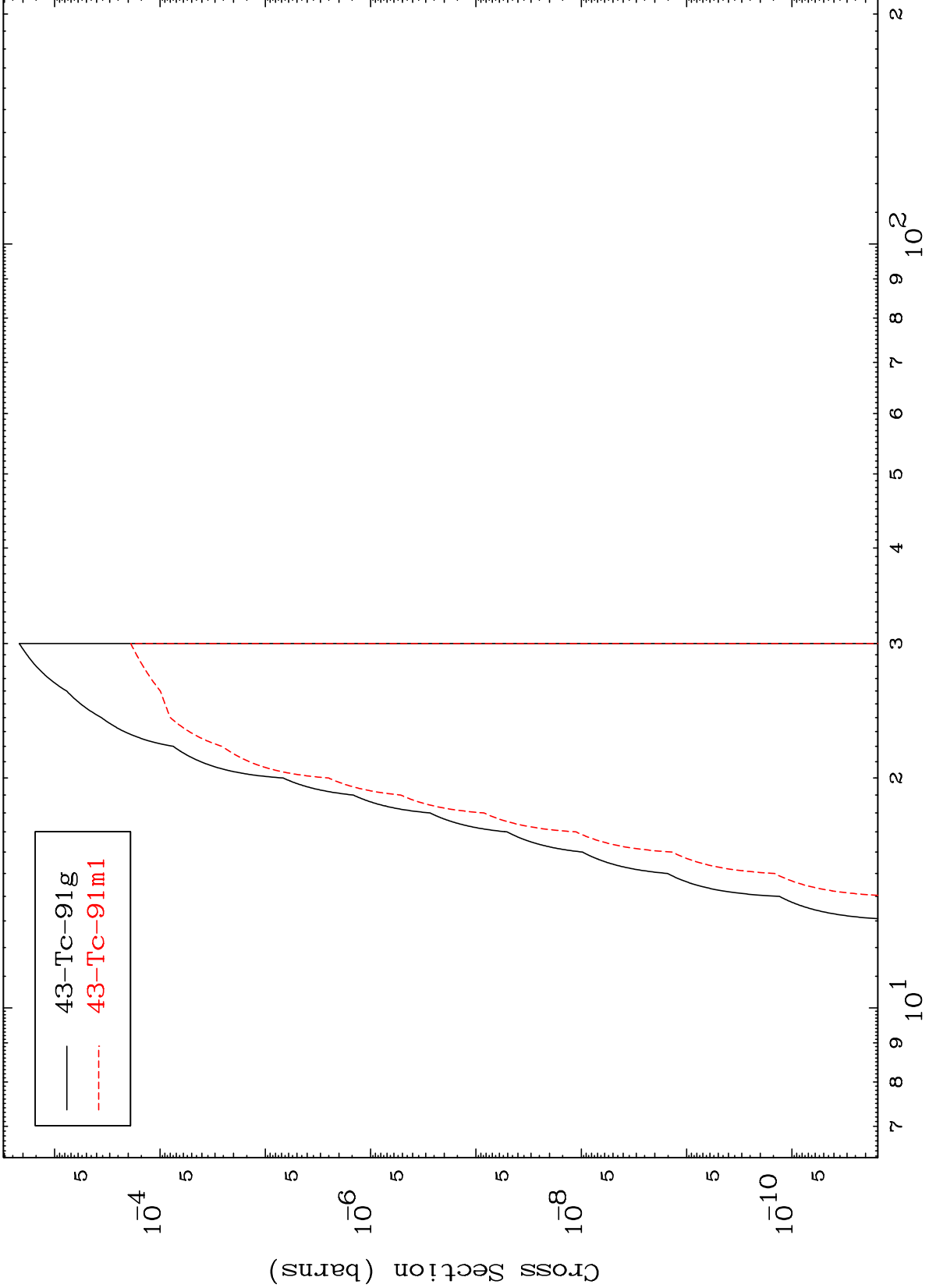
43-Tc-90

MAT 4300

(α ,He-3)

43-Tc-90

Radionuclide Production Cross Section



16

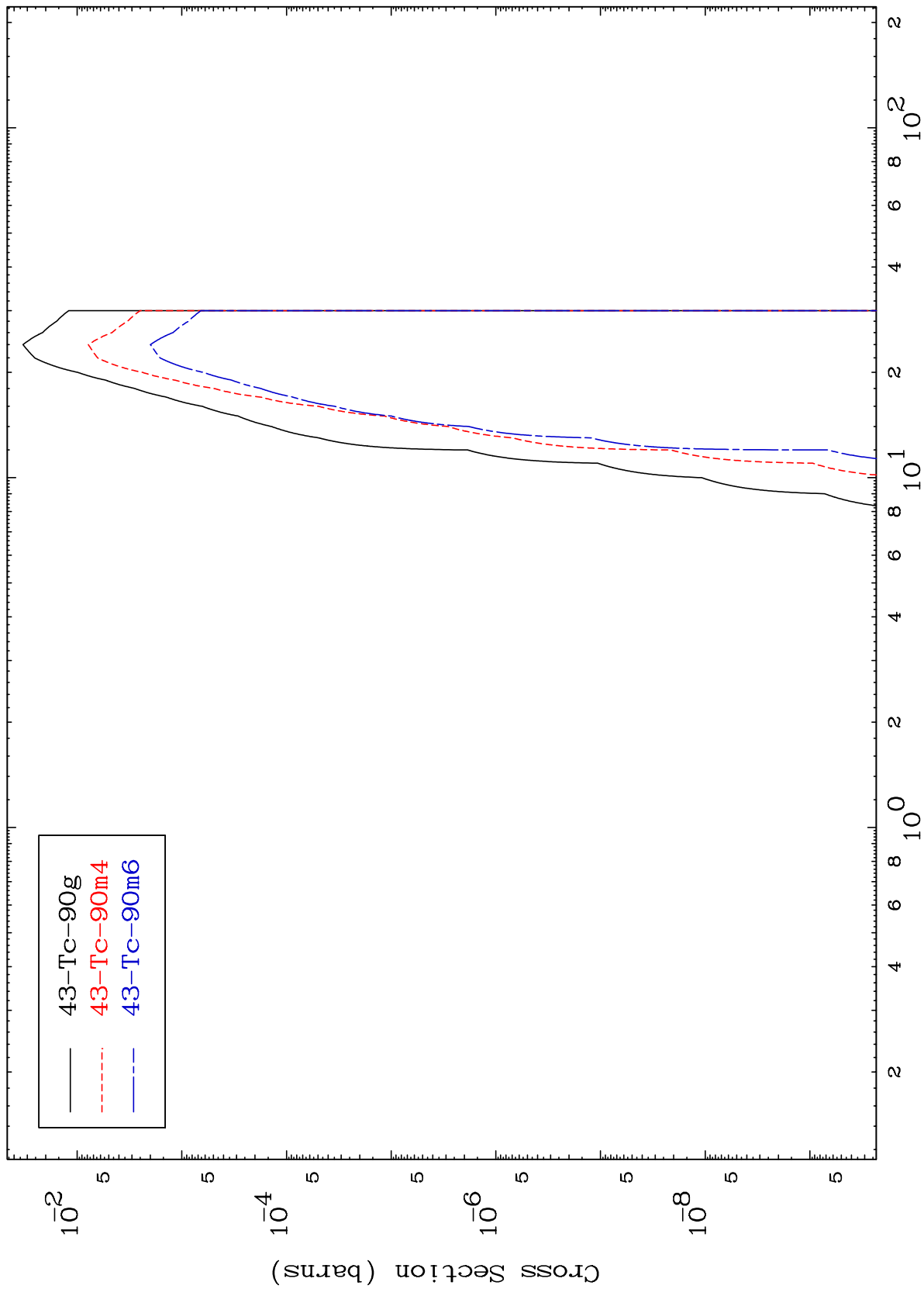
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

Radionuclide Production Cross Section
(α, α)

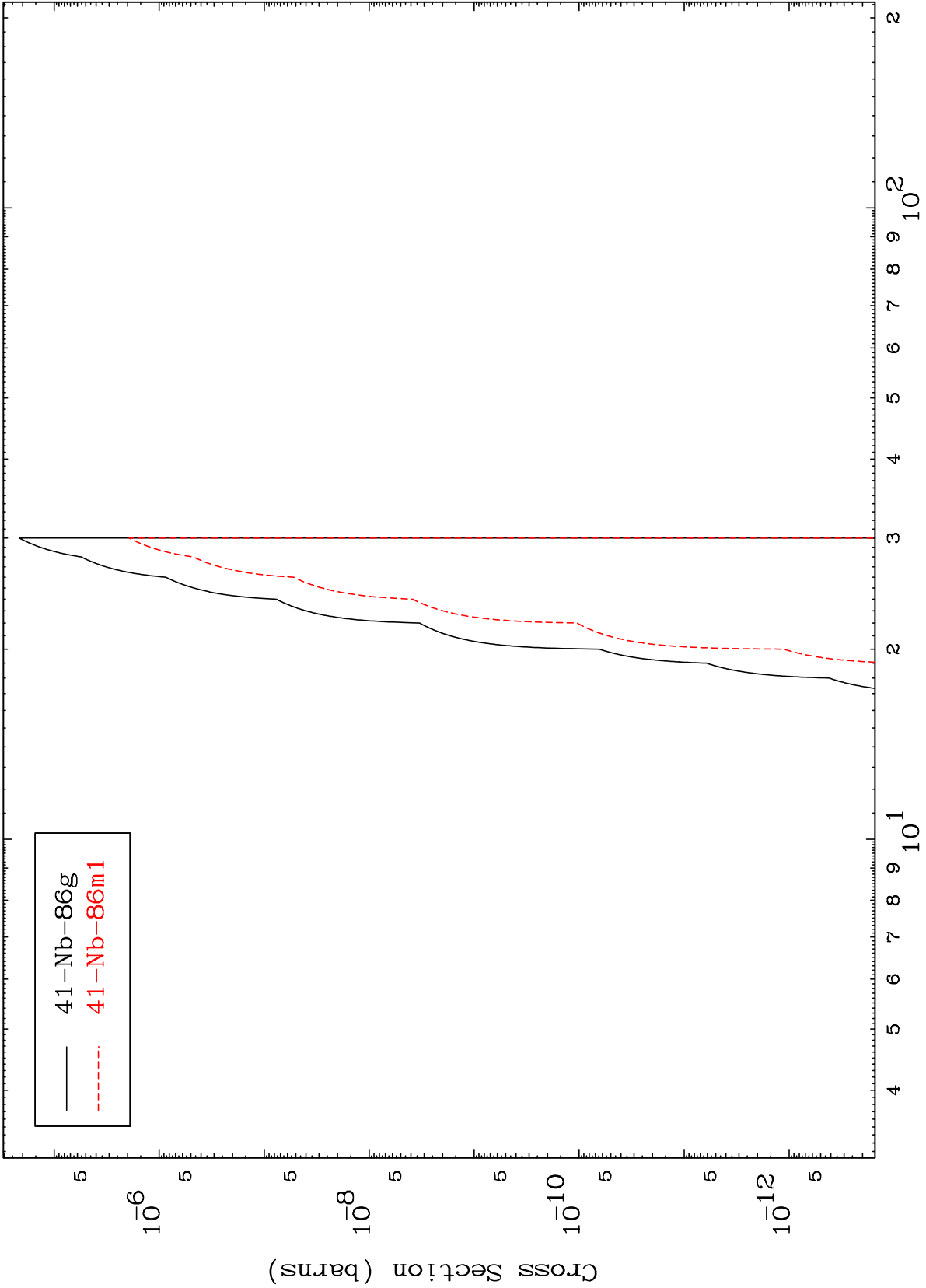


MAT 4300

($\alpha, 2\alpha$)

43-Tc-90

Radionuclide Production Cross Section



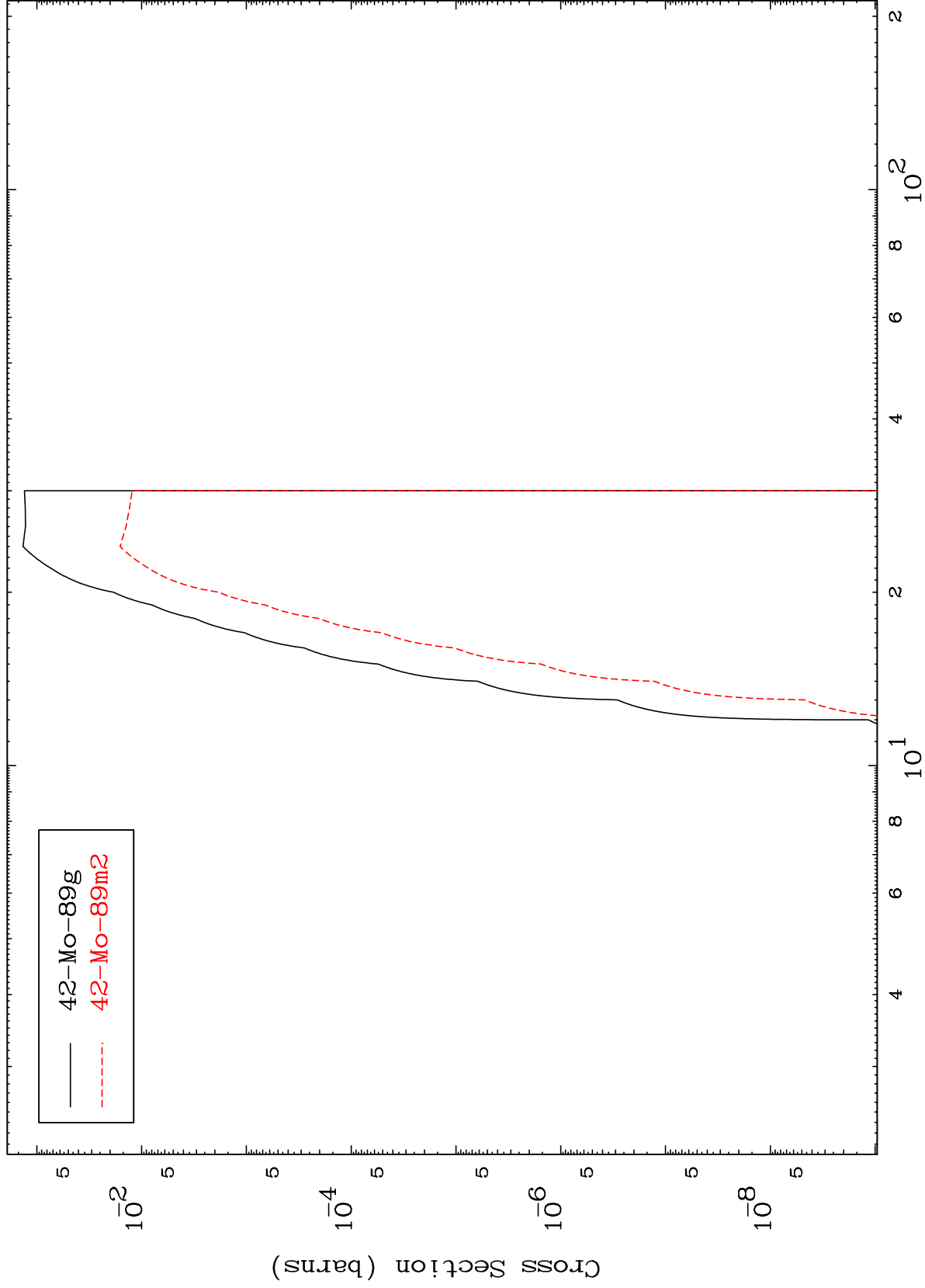
— 41-Nb-86g
- - - 41-Nb-86m1

MAT 4300

(α, p) α

$^{43}\text{Tc-90}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

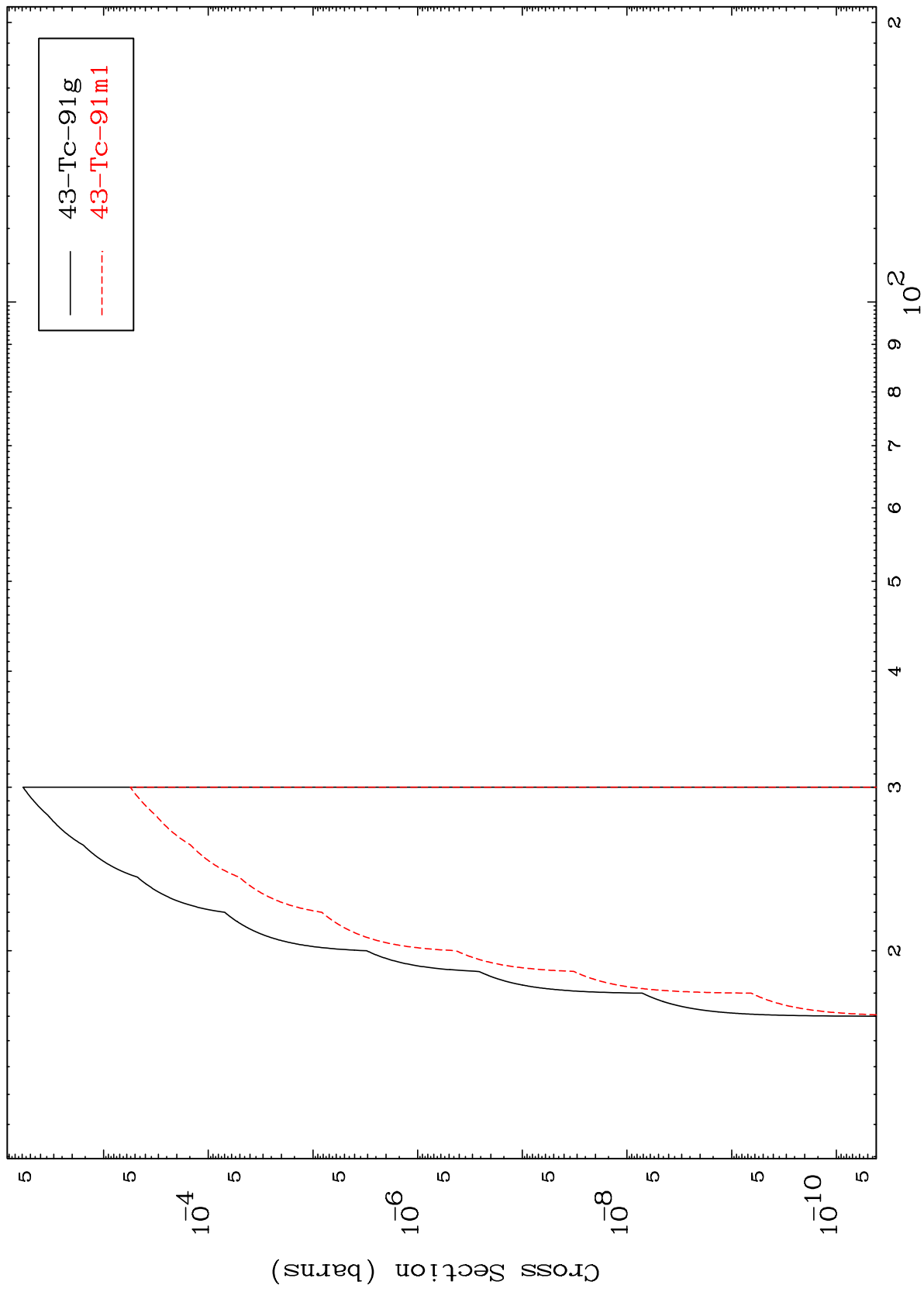
$^{43}\text{Tc-90}$

MAT 4300

(α, p) d

43-Tc-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

43-Tc-90

Radionuclide Production Cross Section

