

Program EVALPLOT
(Version 2021-1)

by

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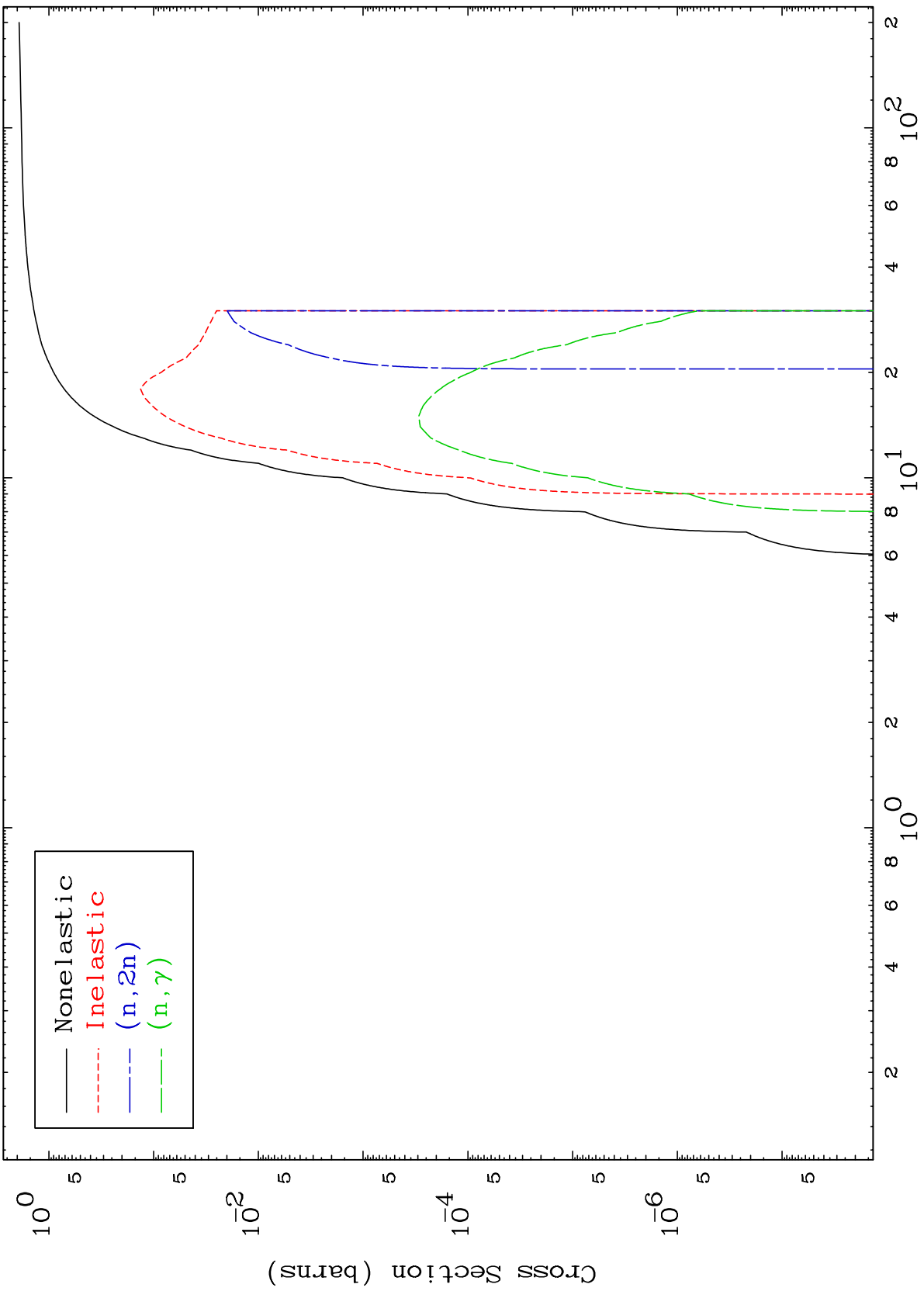
Press Mouse Button to Start

MAT 4219

α Major

42-Mo-90

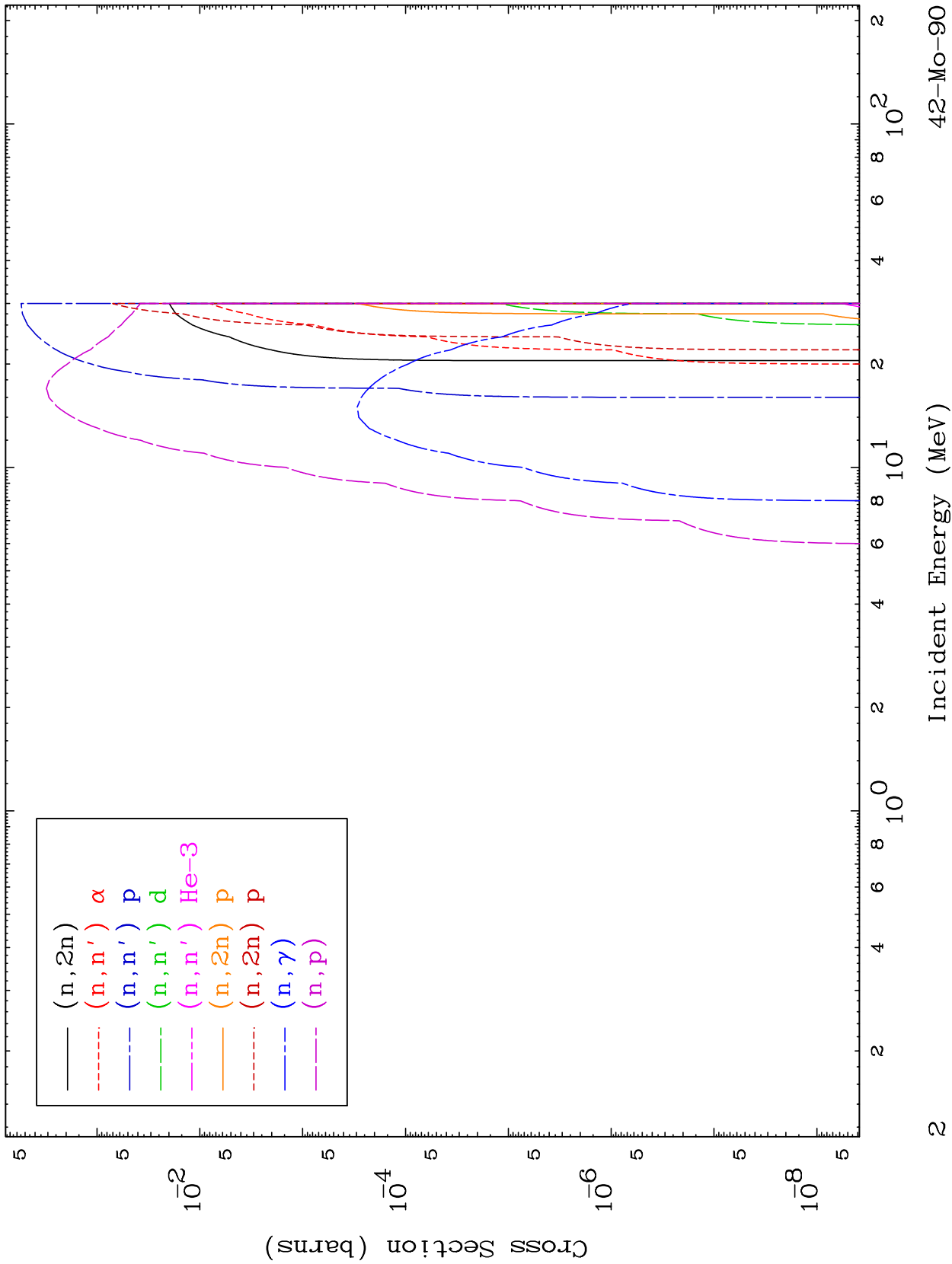
0 Kelvin Cross Sections



MAT 4219

α Neutron Absorption
0 Kelvin Cross Sections

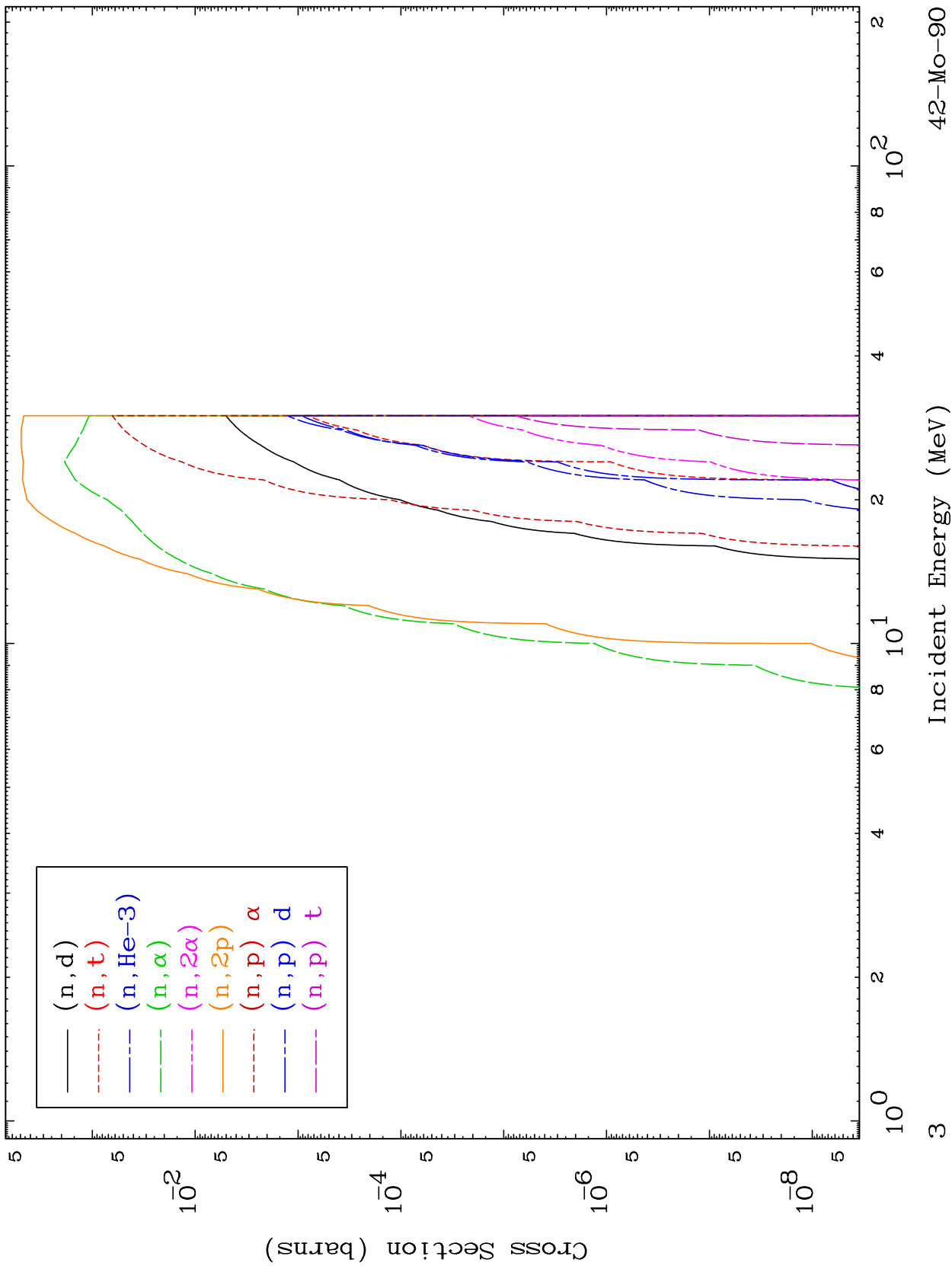
42-Mo-90



MAT 4219

α Neutron Absorption
0 Kelvin Cross Sections

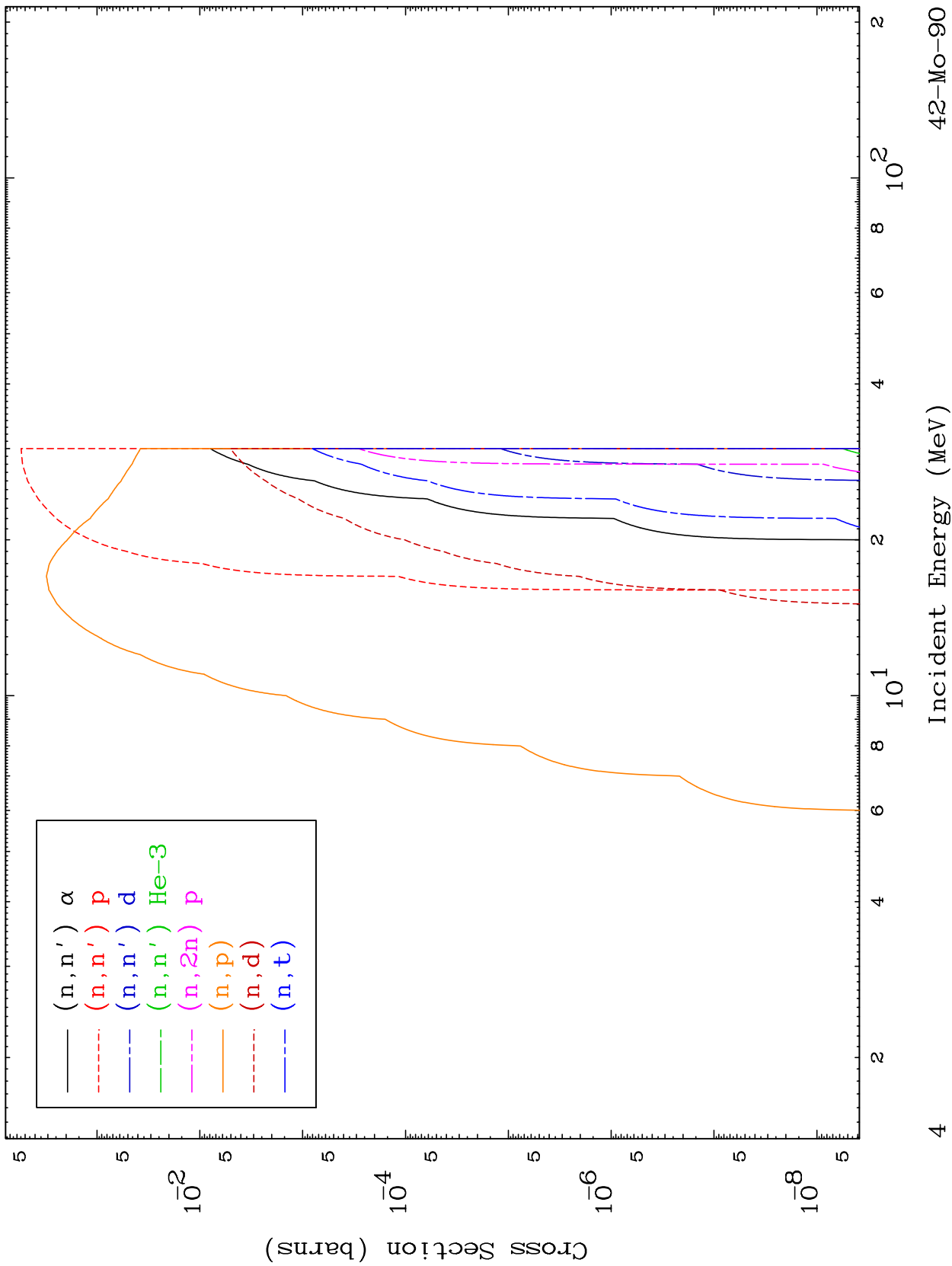
42-Mo-90



42-Mo-90

Incident Energy (MeV)

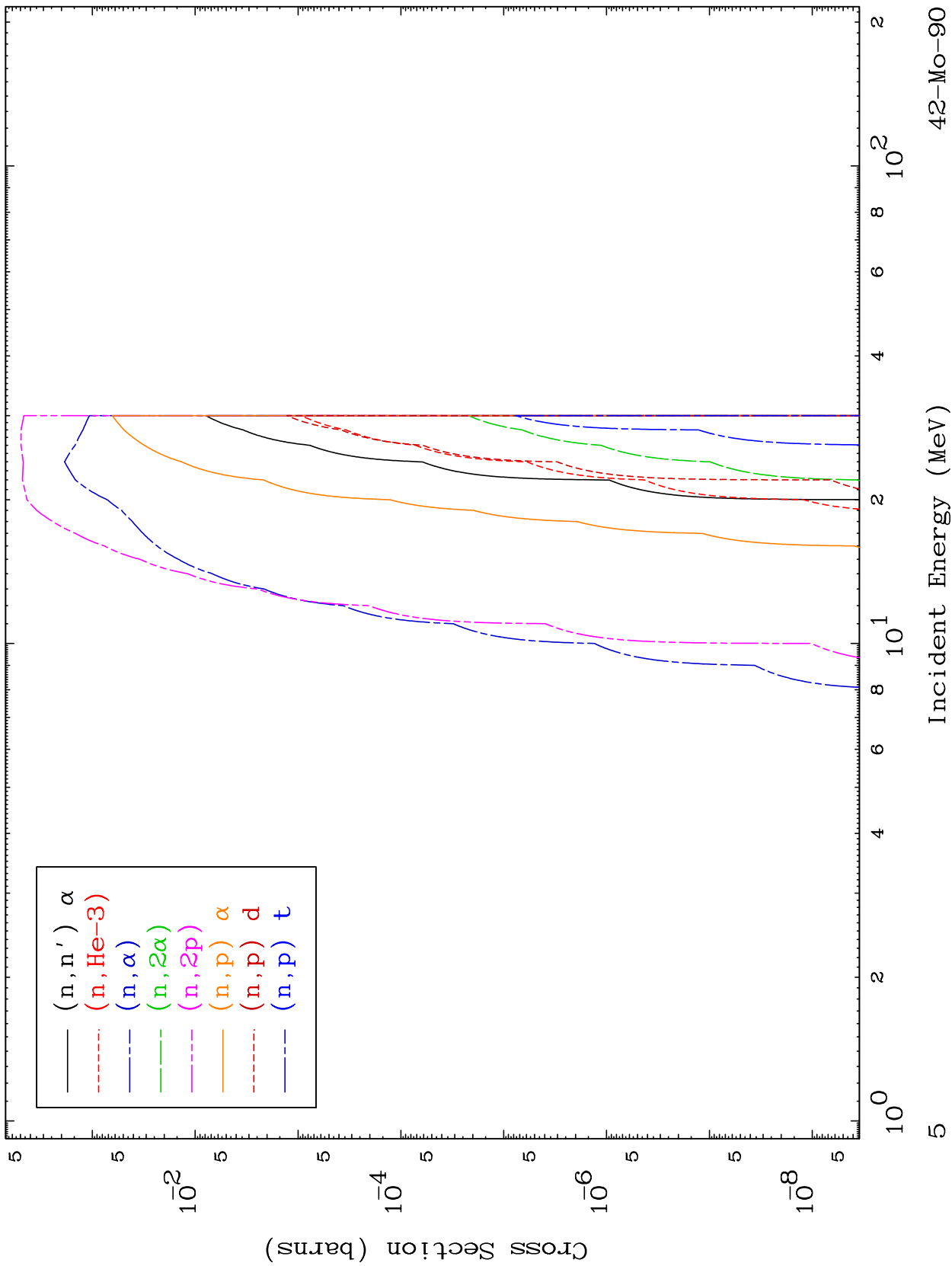
3



MAT 4219

α Charged Particle
0 Kelvin Cross Sections

42-Mo-90



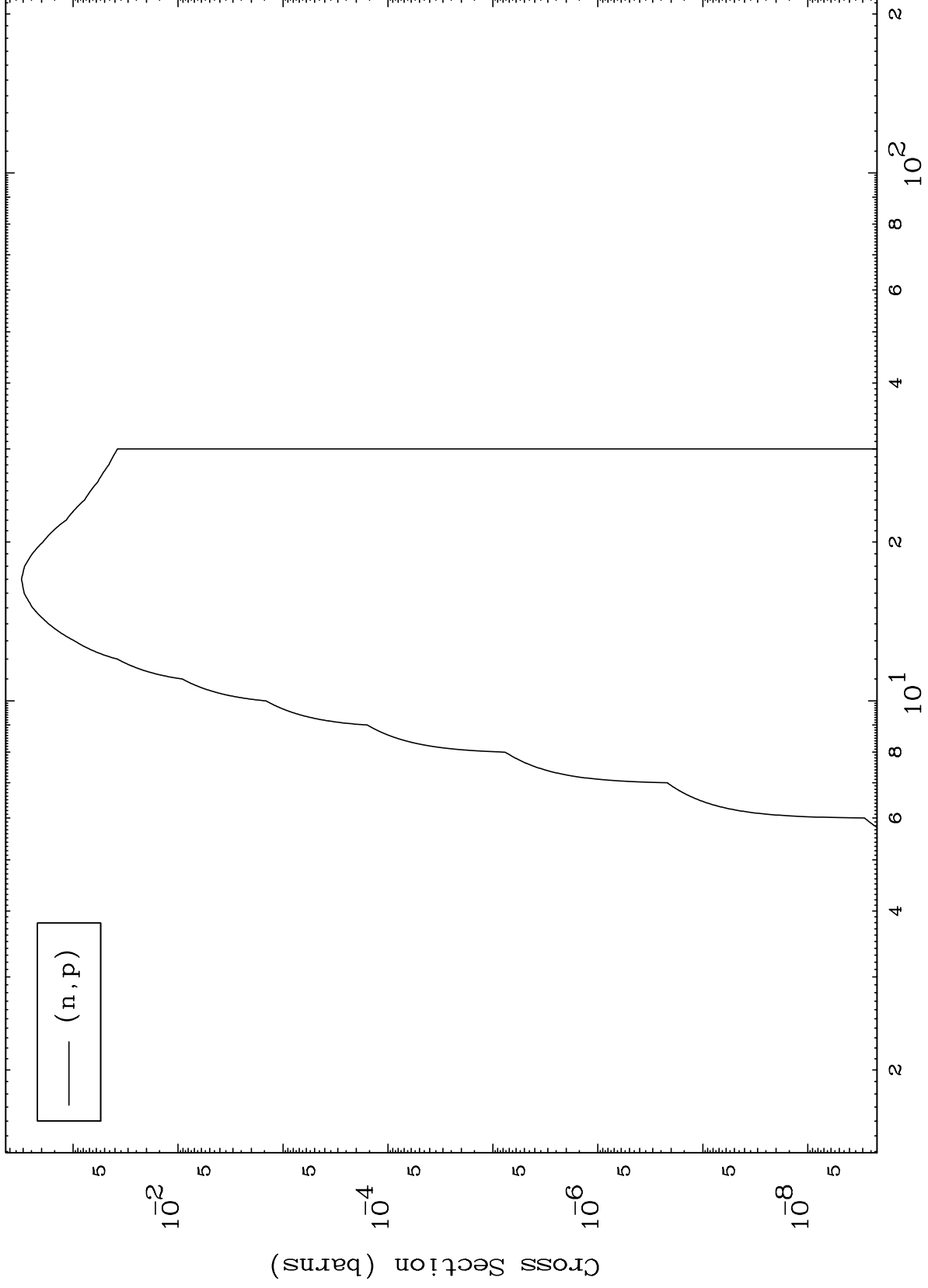
42-Mo-90

Incident Energy (MeV)

MAT 4219

(α, p) Levels
0 Kelvin Cross Sections

42-Mo-90



6

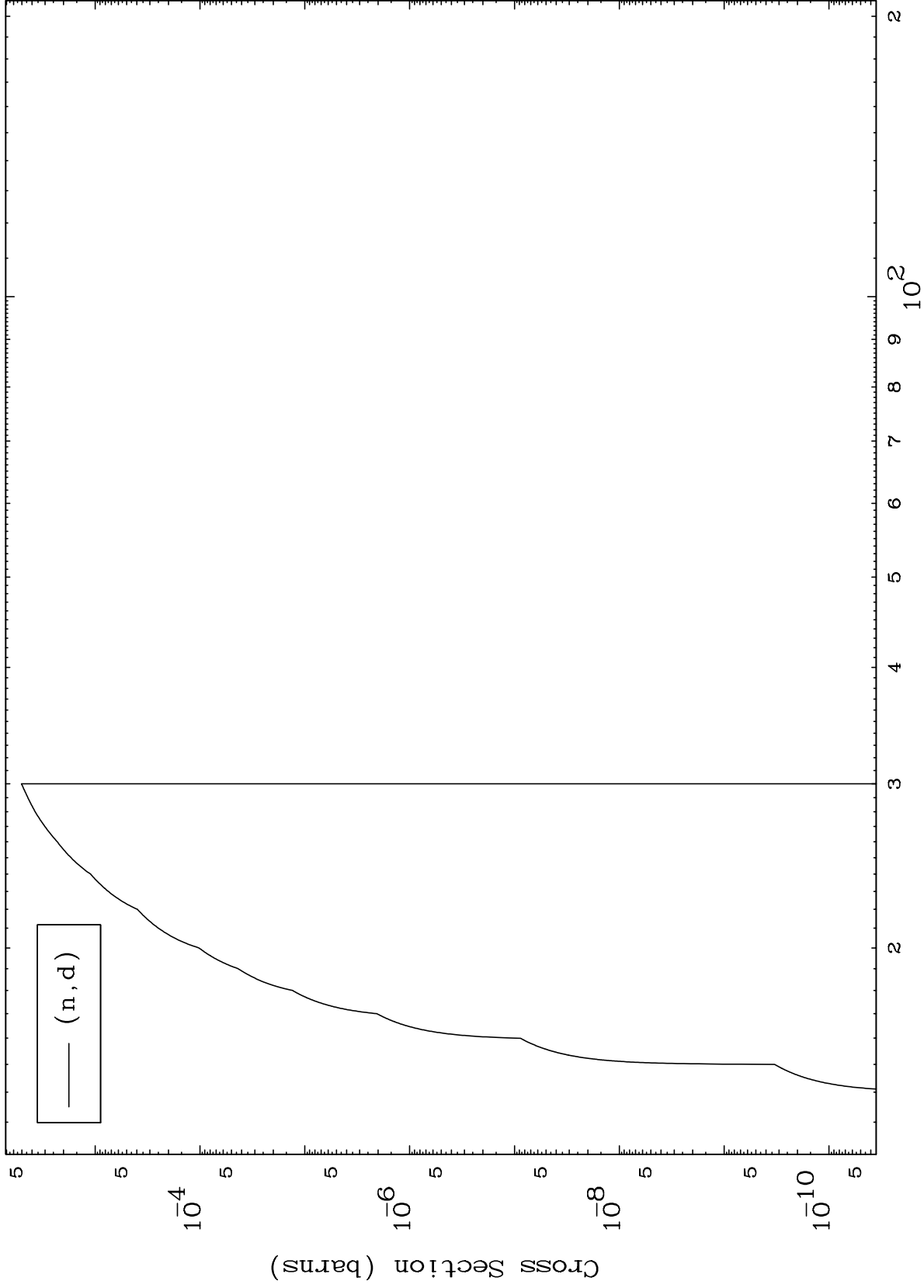
Incident Energy (MeV)

42-Mo-90

MAT 4219

(α, d) Levels
0 Kelvin Cross Sections

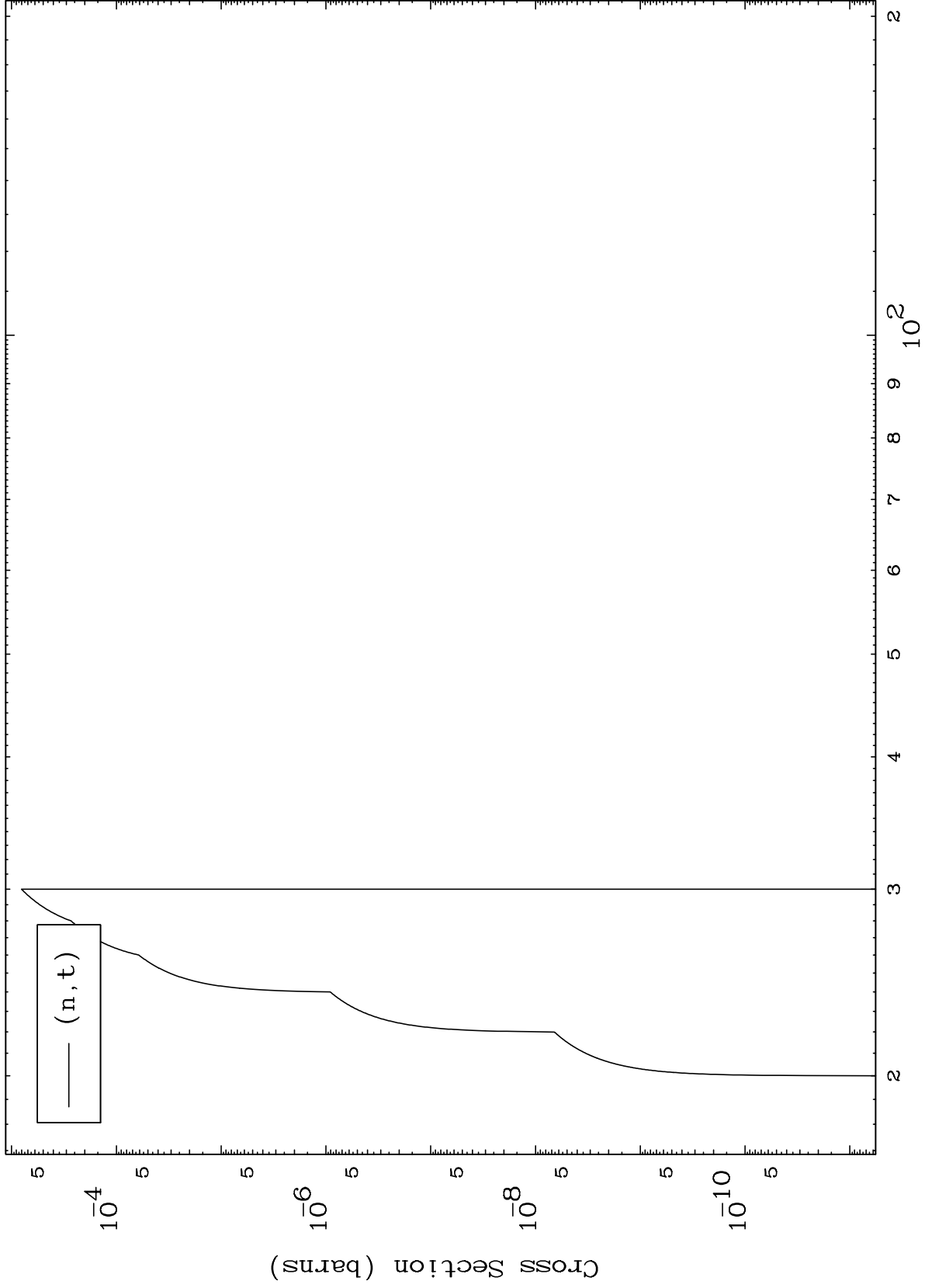
42-Mo-90



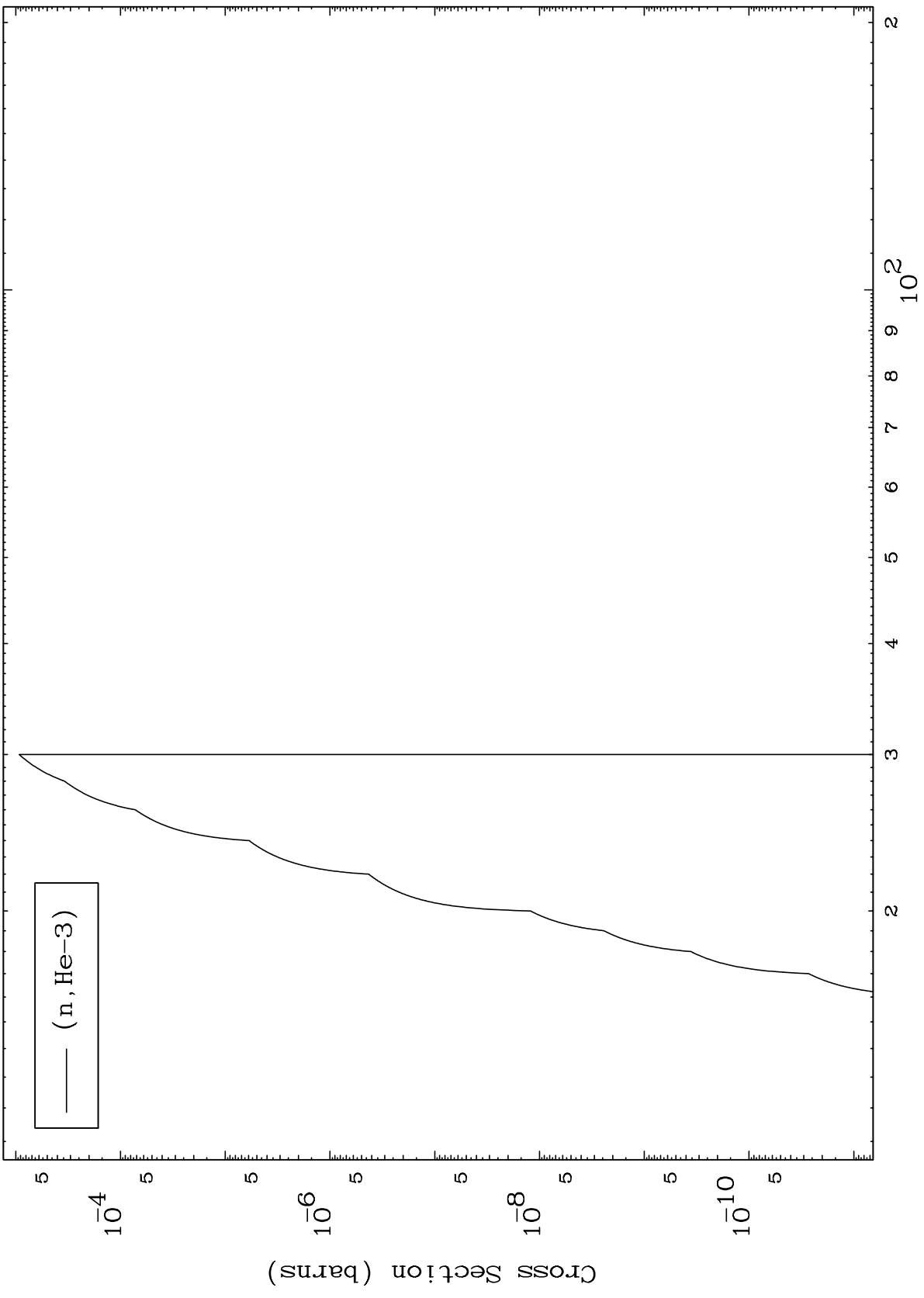
7

Incident Energy (MeV)

42-Mo-90



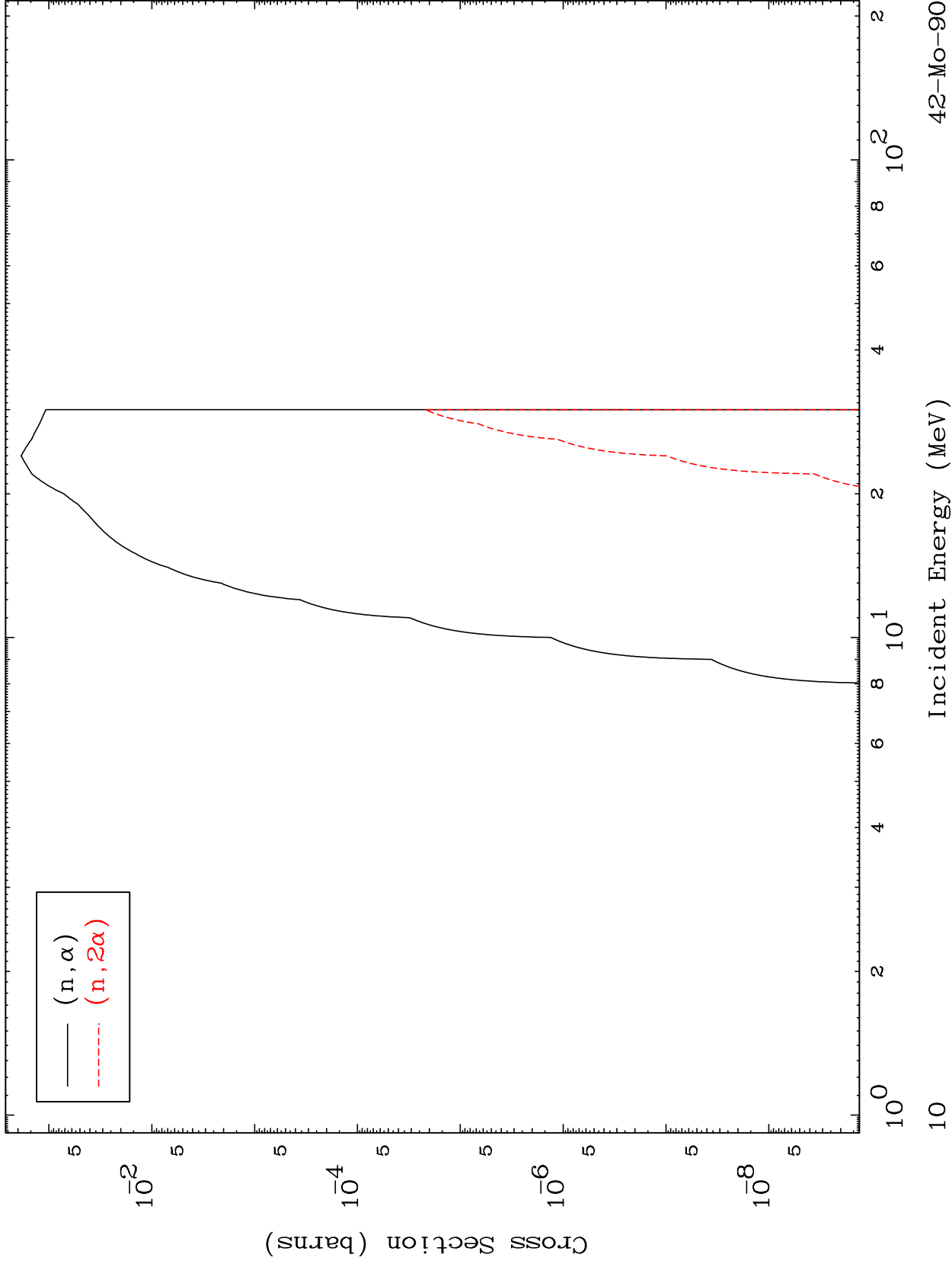
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 4219

(α, α) Levels
0 Kelvin Cross Sections

42-Mo-90

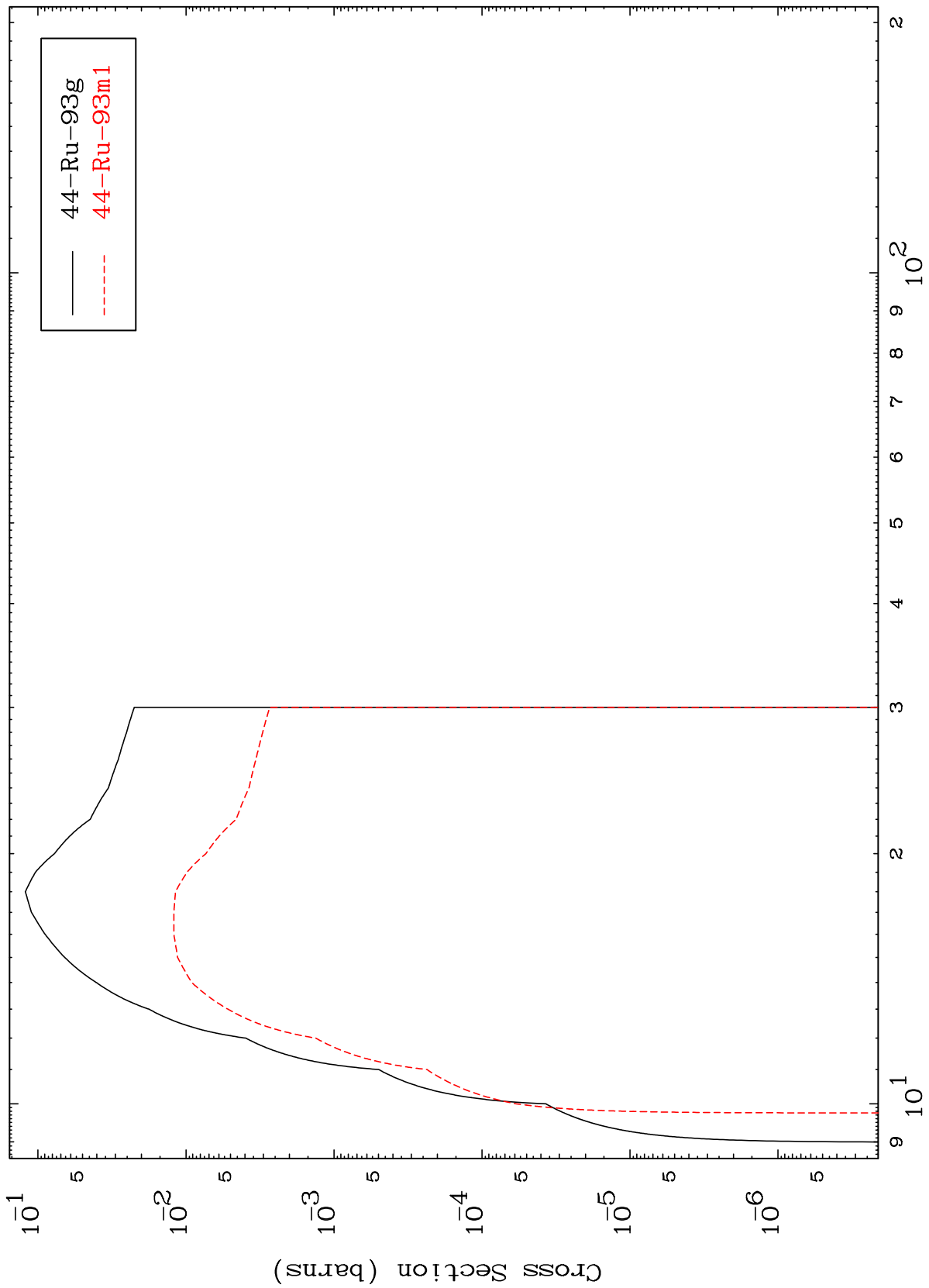


42-Mo-90

MAT 4219

42-Mo-90

Inelastic
Radionuclide Production Cross Section

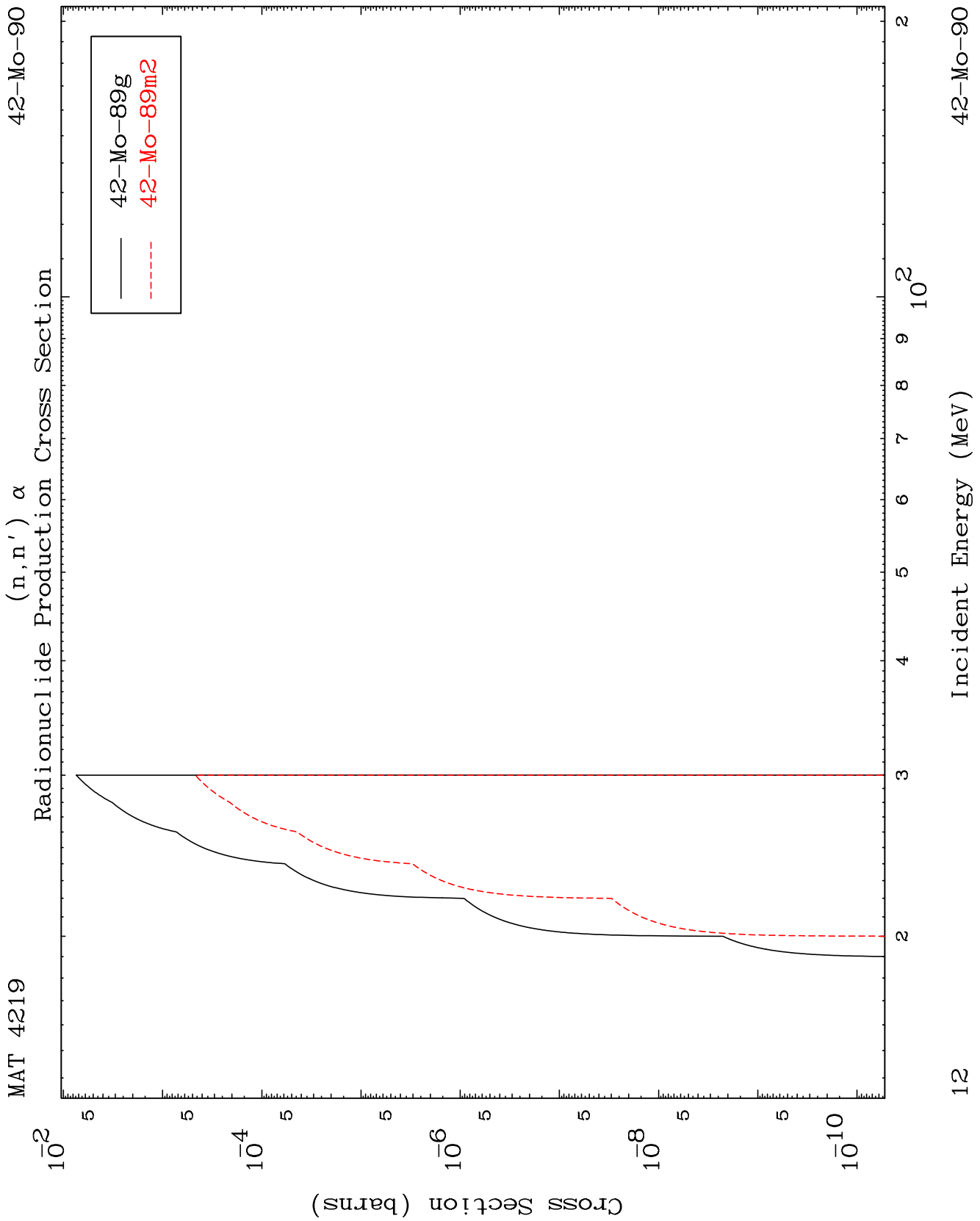


44-Ru-93g
44-Ru-93m1

11

Incident Energy (MeV)

42-Mo-90

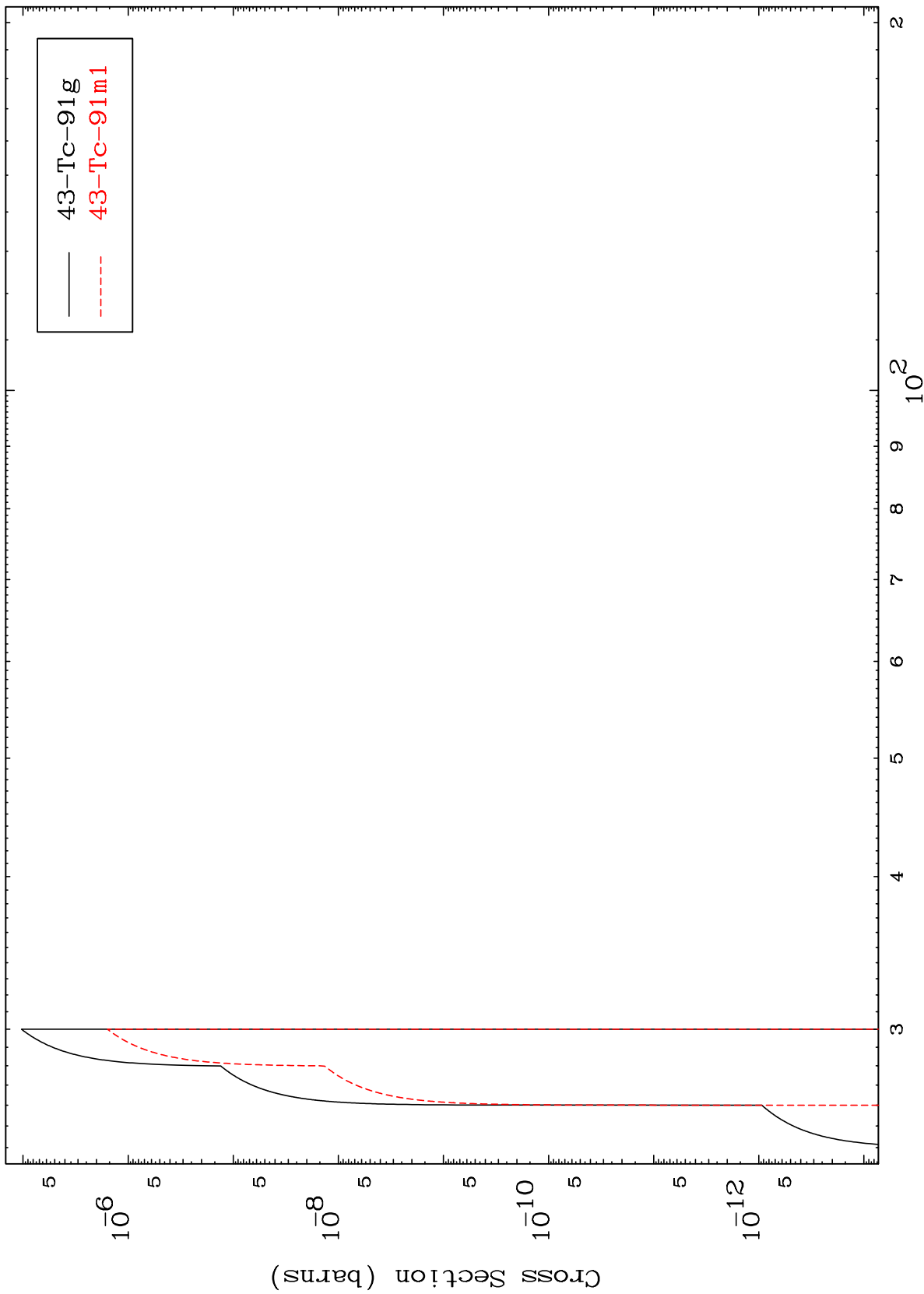


MAT 4219

(n,n') d

42-Mo-90

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

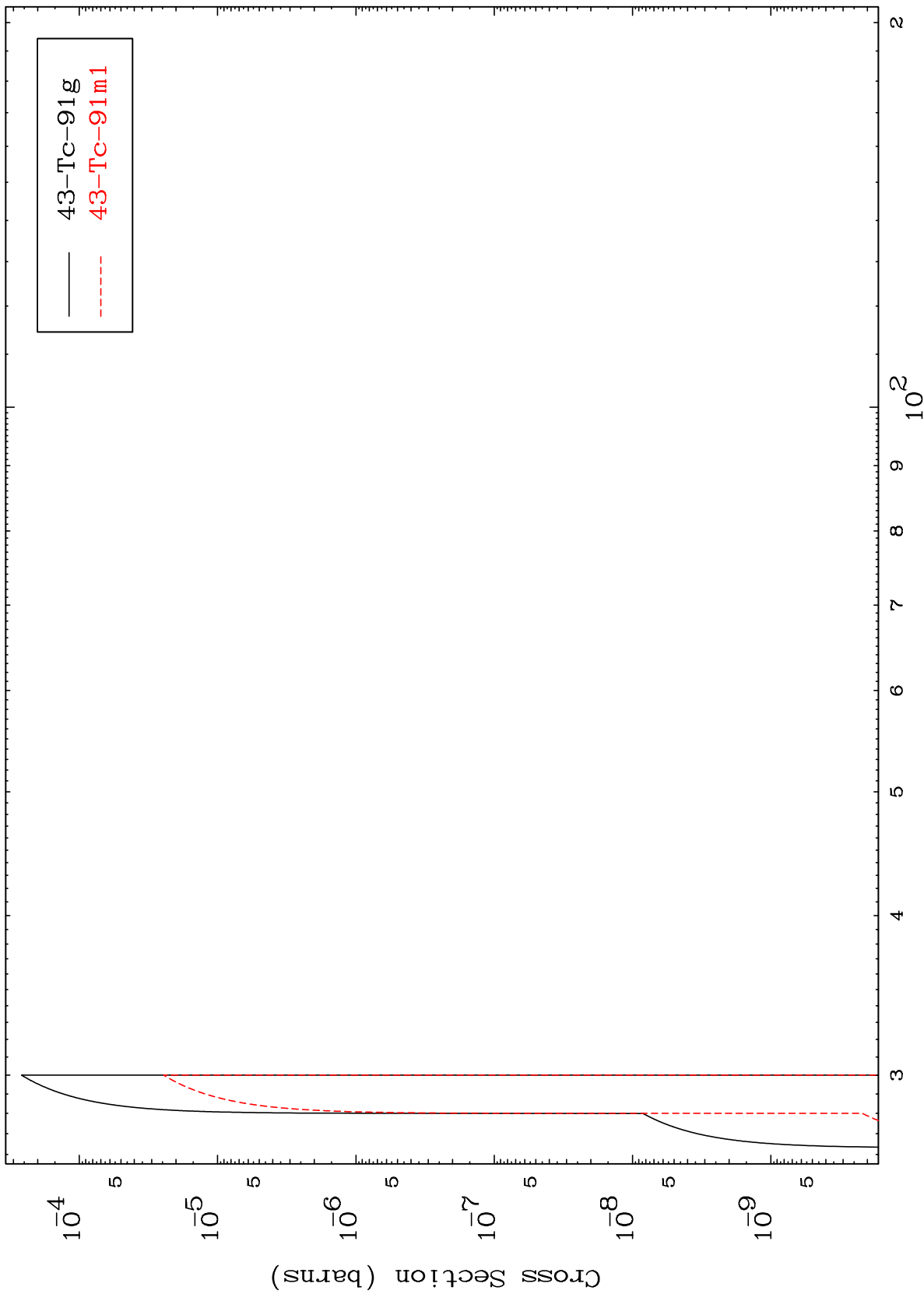
42-Mo-90

MAT 4219

(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

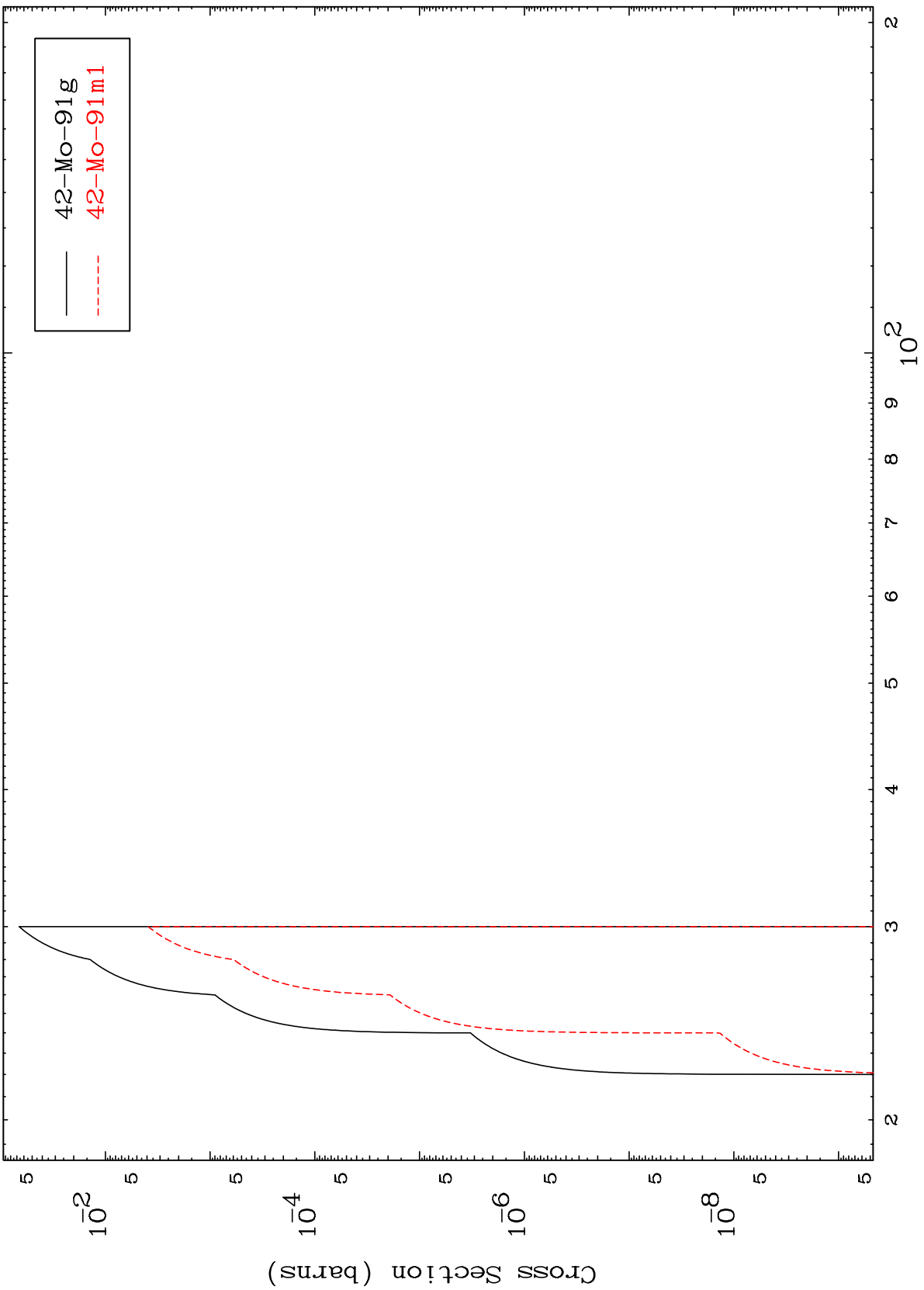
42-Mo-90

MAT 4219

(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



42-Mo-91g
42-Mo-91m1

15

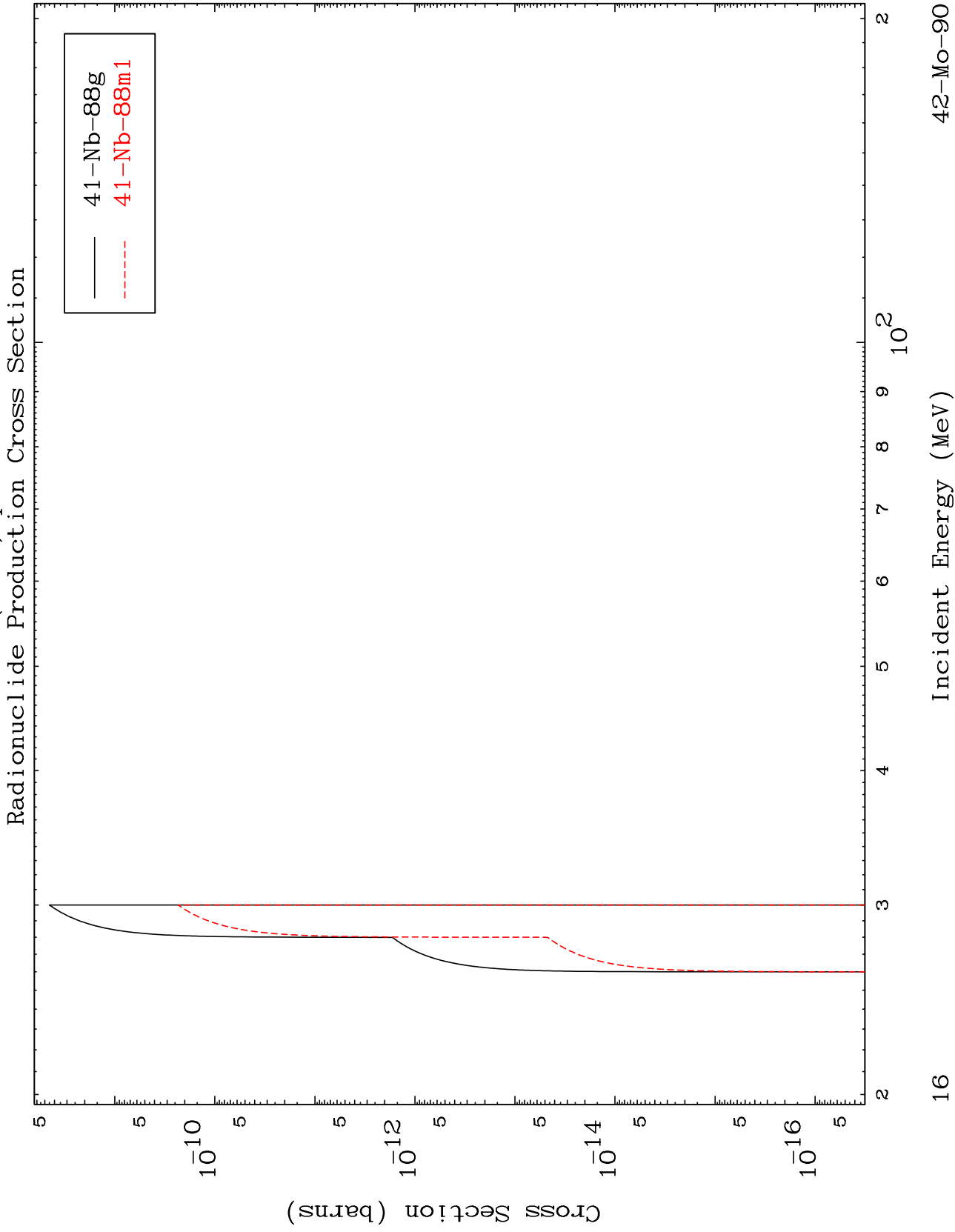
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') p α

42-Mo-90

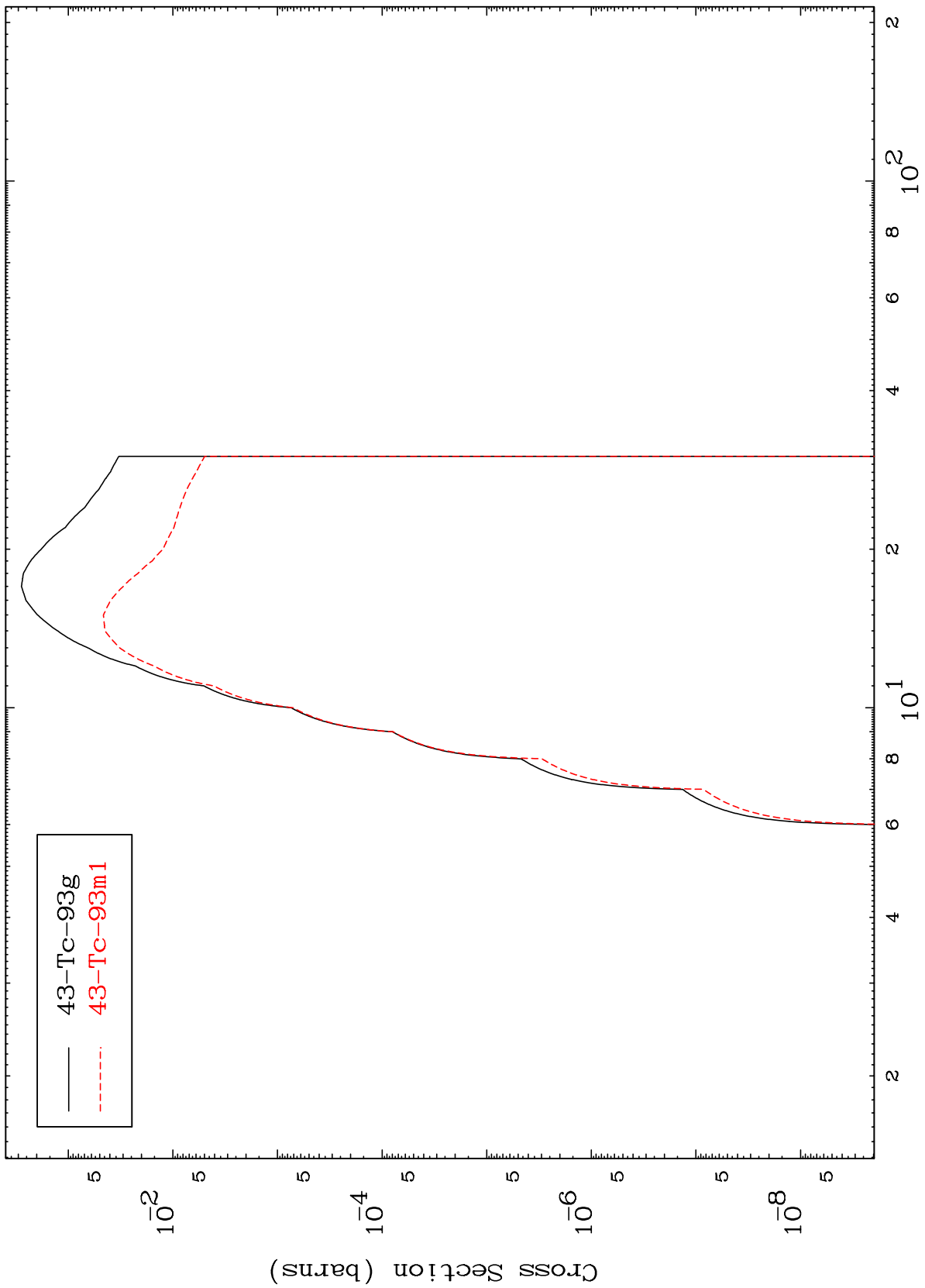


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MAT 4219

42-Mo-90

(n,p)
Radionuclide Production Cross Section

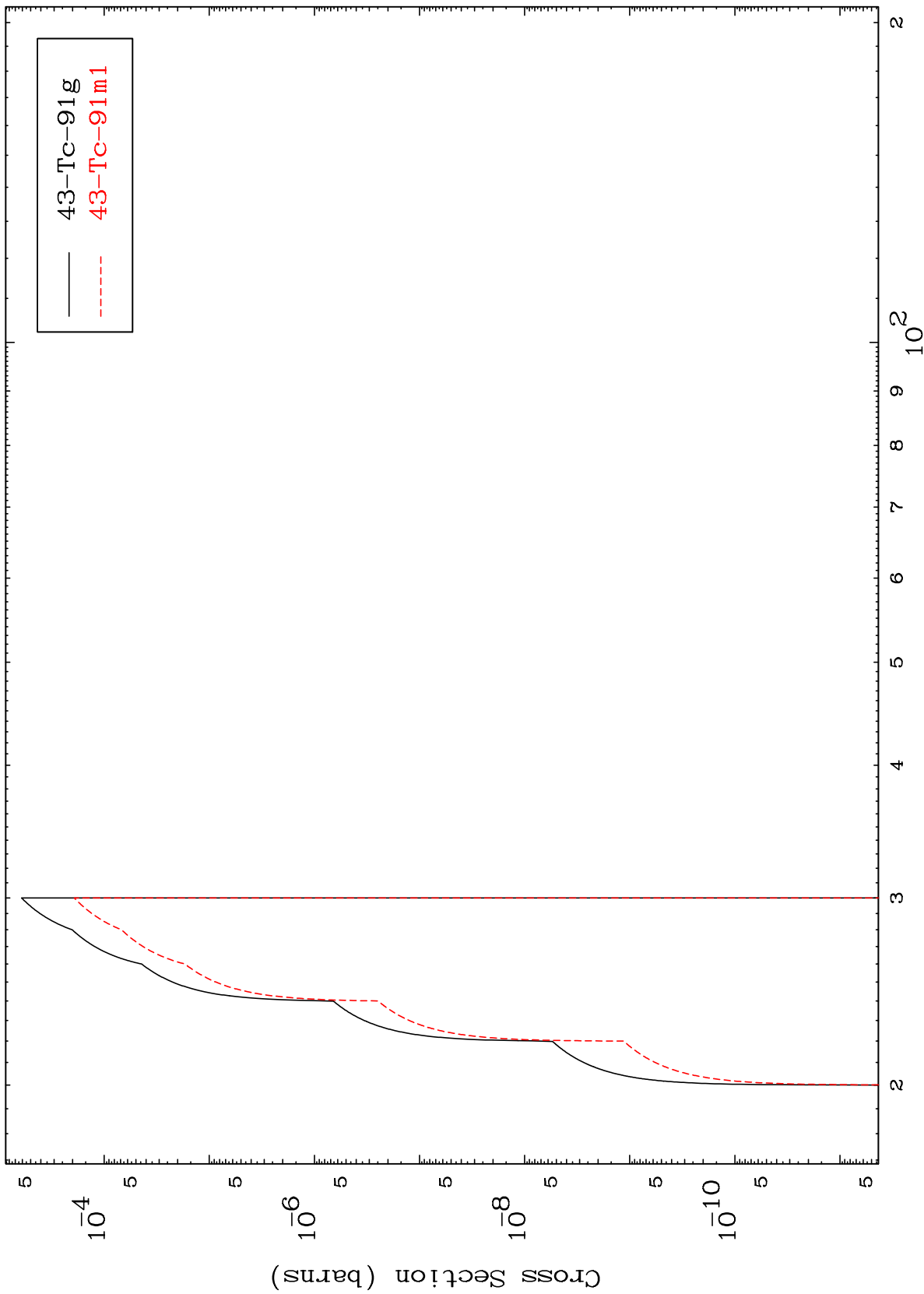


— 43-Tc-93g
- - - 43-Tc-93m1

MAT 4219

42-Mo-90

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

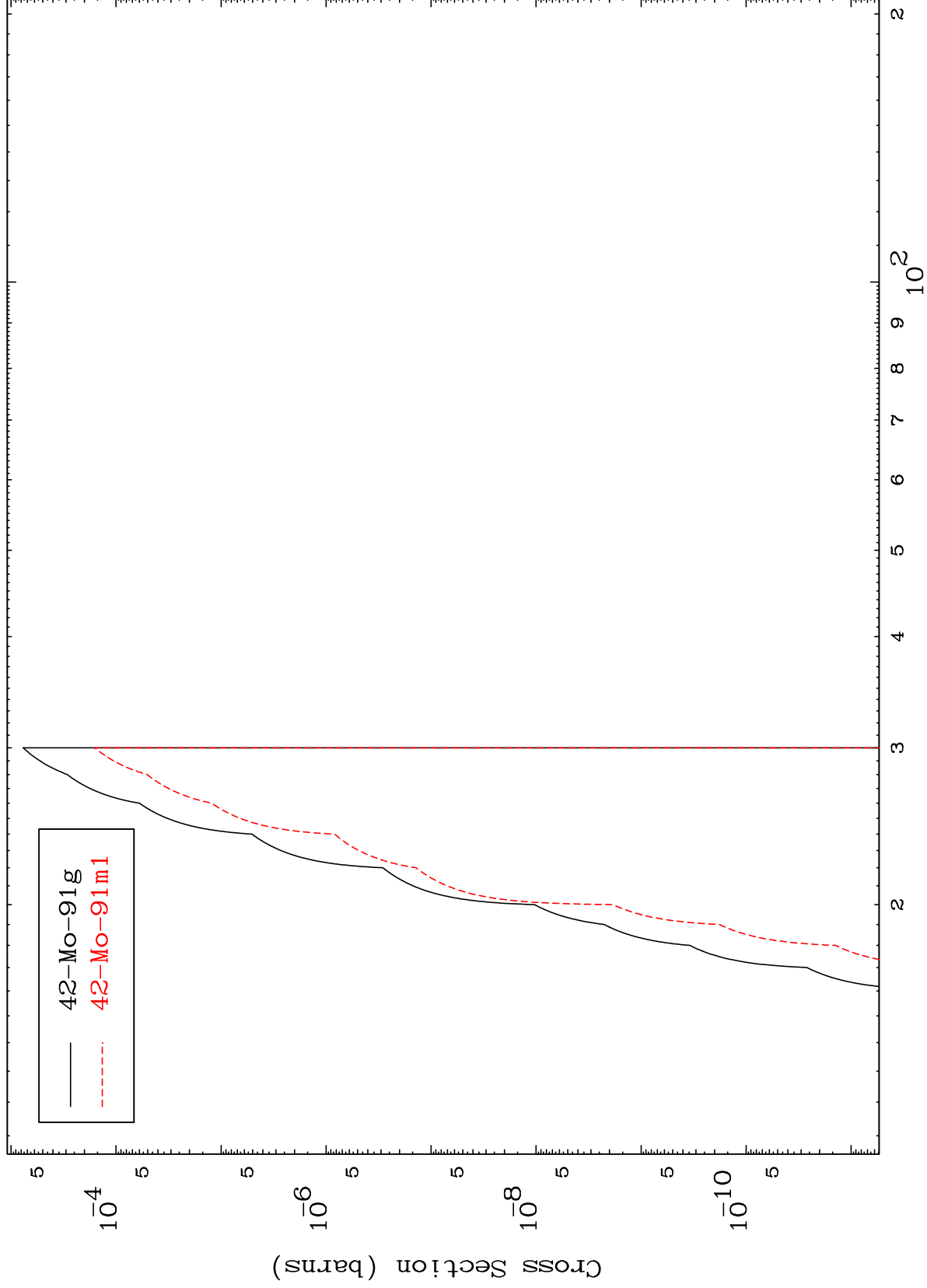
42-Mo-90

MAT 4219

(n,He-3)

42-Mo-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

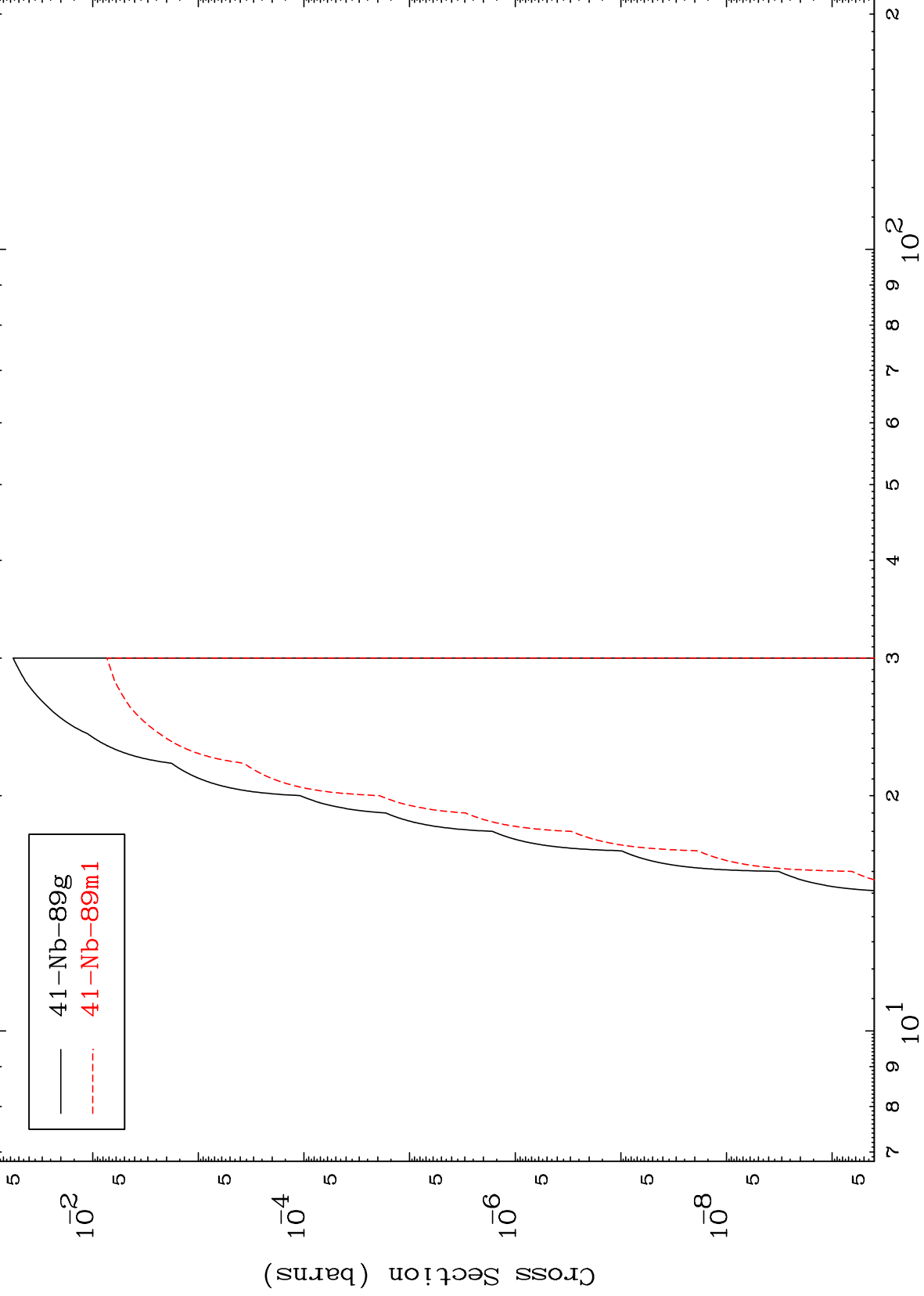
42-Mo-90

MAT 4219

(n,p) α

42-Mo-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

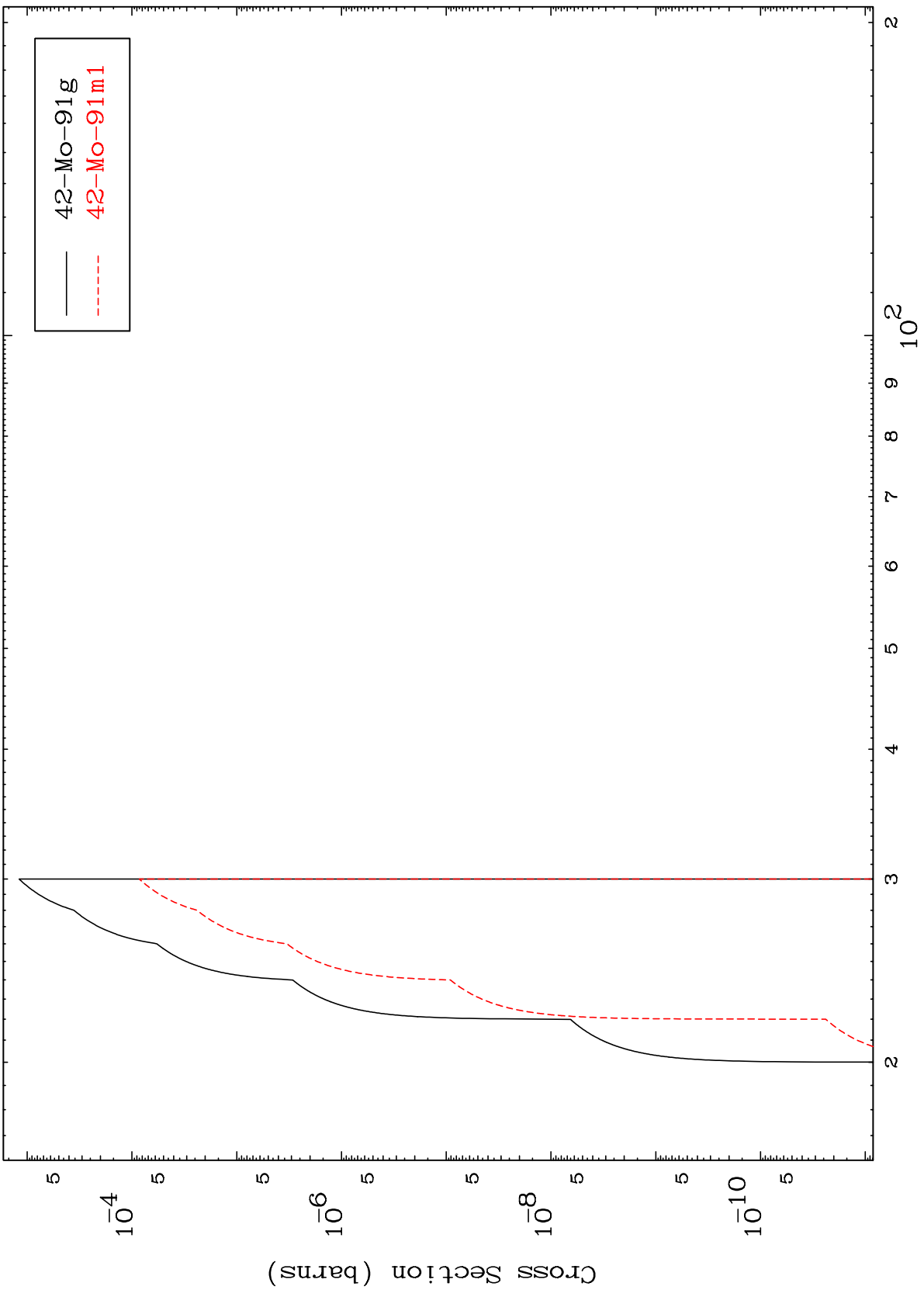
42-Mo-90

MAT 4219

(n,p) d

42-Mo-90

Radionuclide Production Cross Section



42-Mo-91g
42-Mo-91m1

21

Incident Energy (MeV)

42-Mo-90