

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

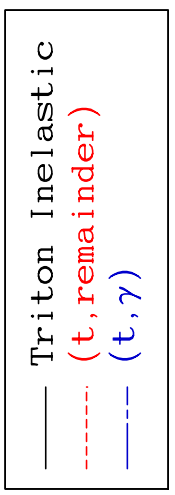
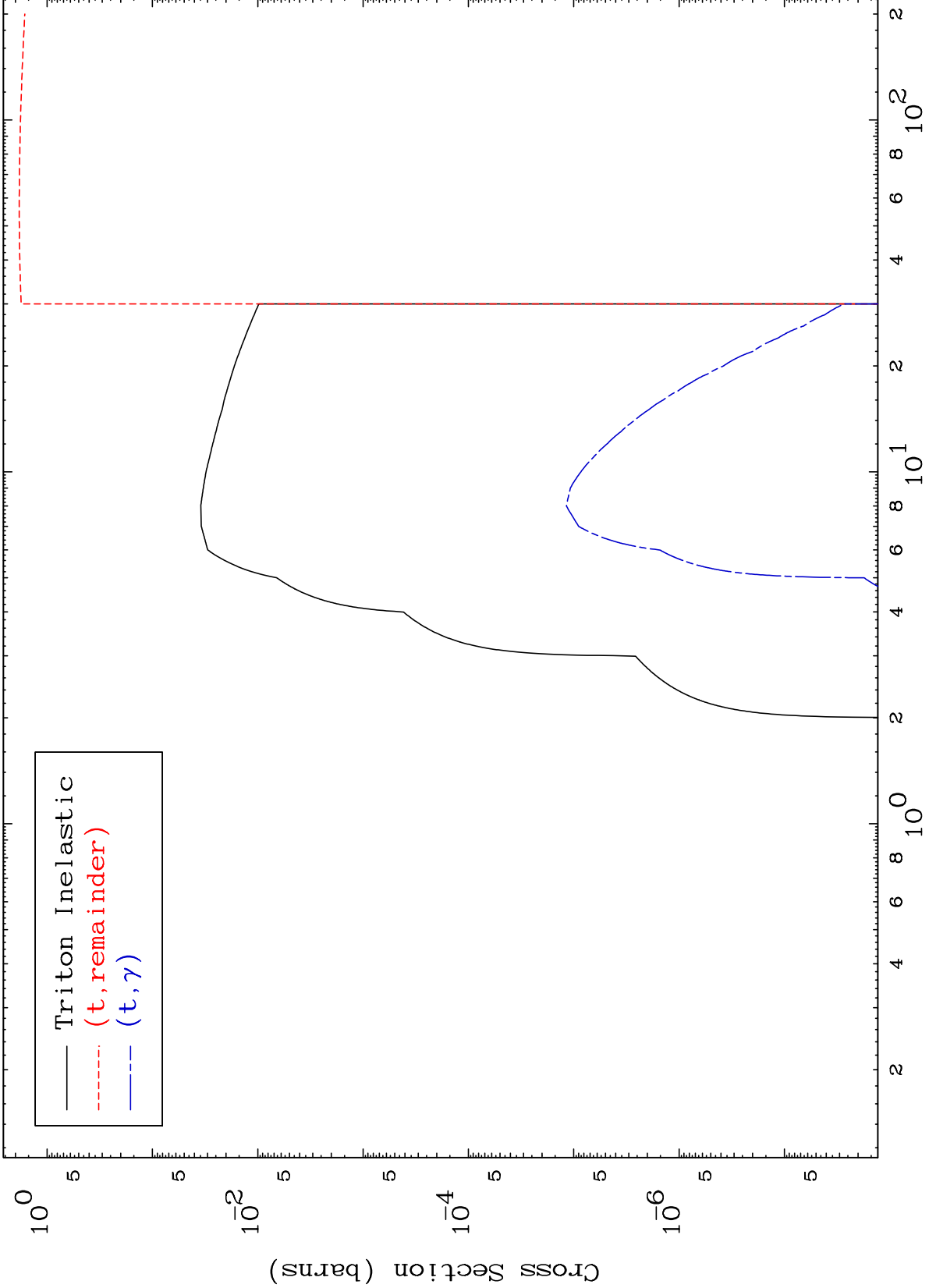
Press Mouse Button to Start

MAT 4219

Triton Major

42-Mo-90

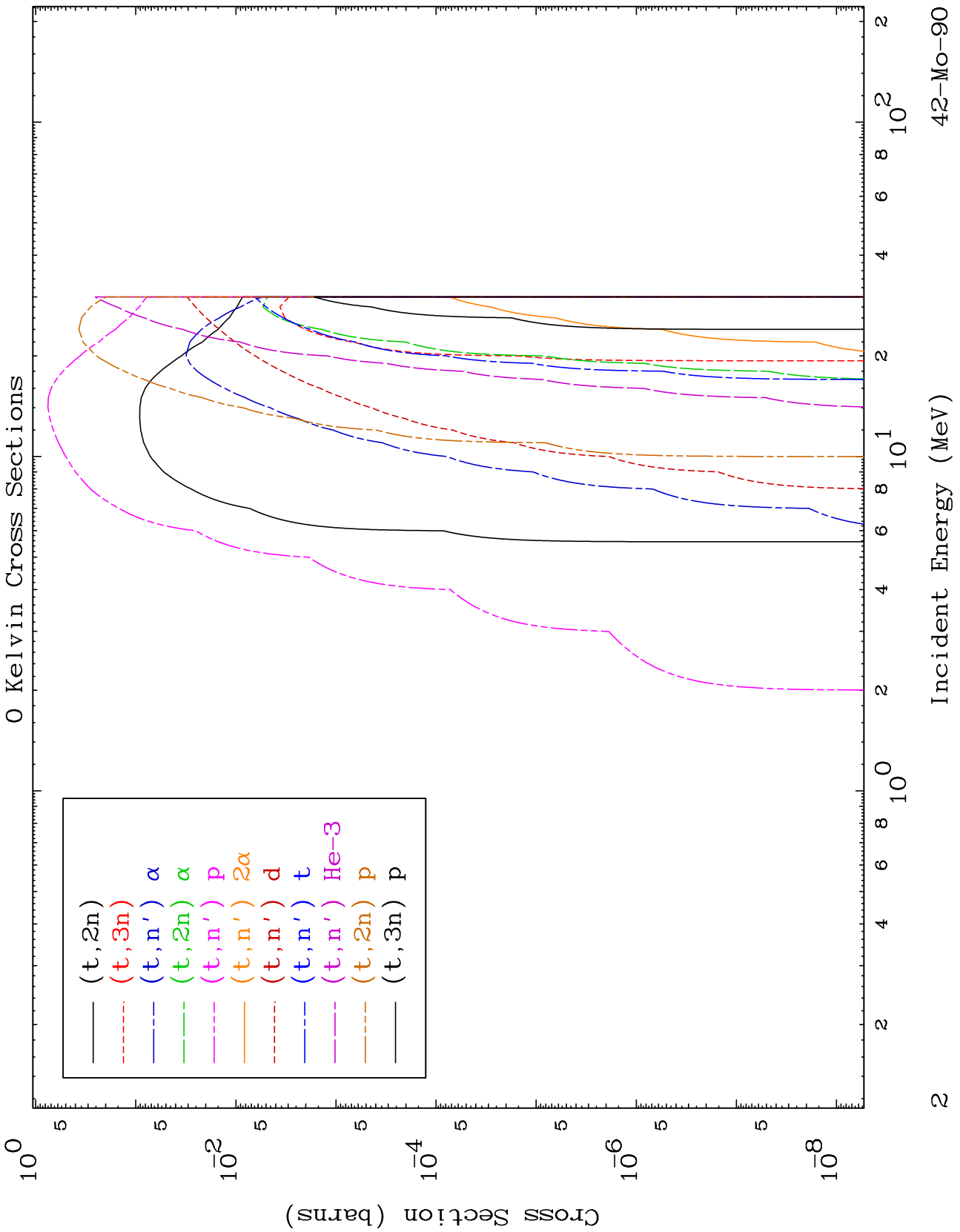
0 Kelvin Cross Sections



MAT 4219

Triton Neutron Production
0 Kelvin Cross Sections

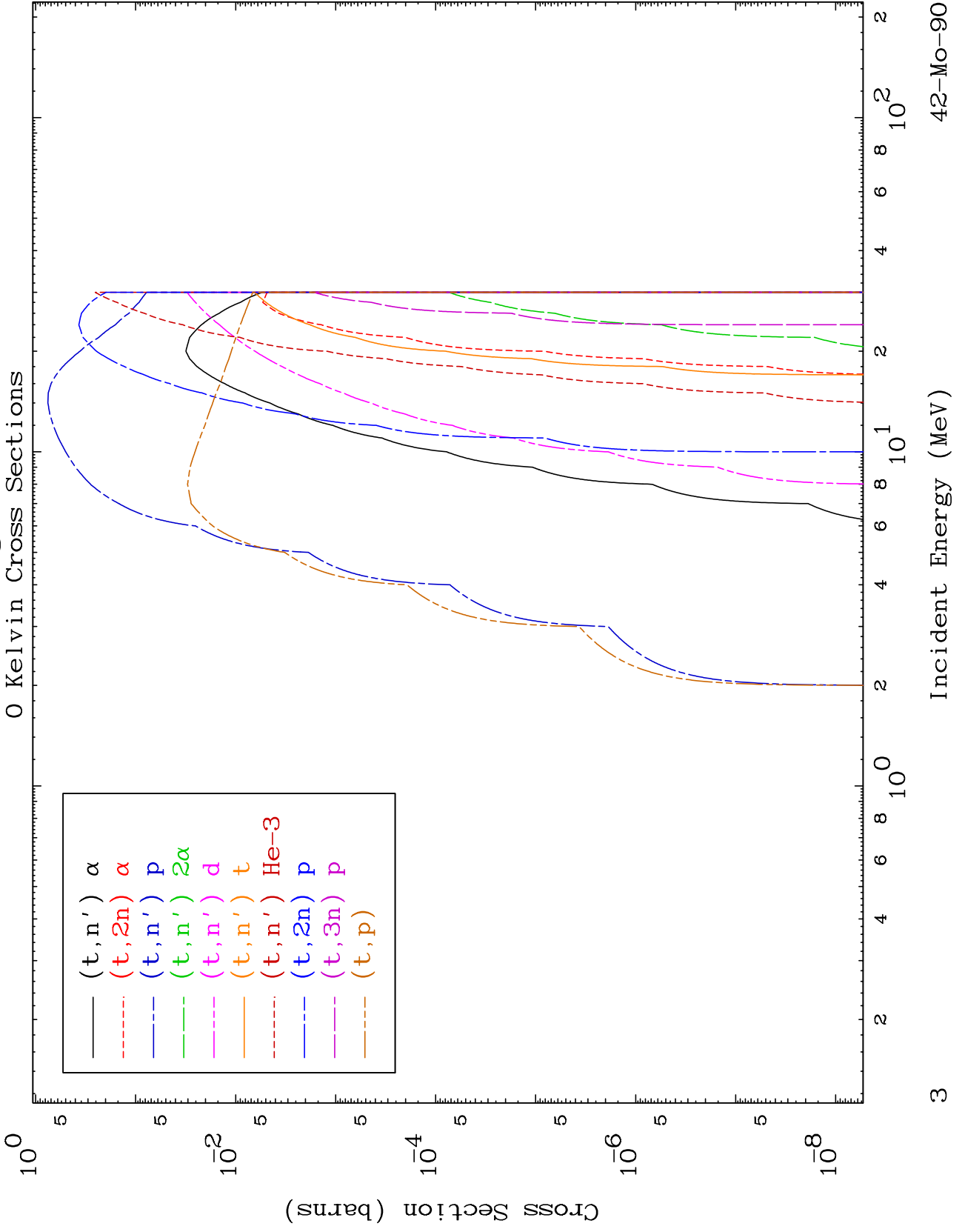
42-Mo-90



MAT 4219

Triton Charged Particle
0 Kelvin Cross Sections

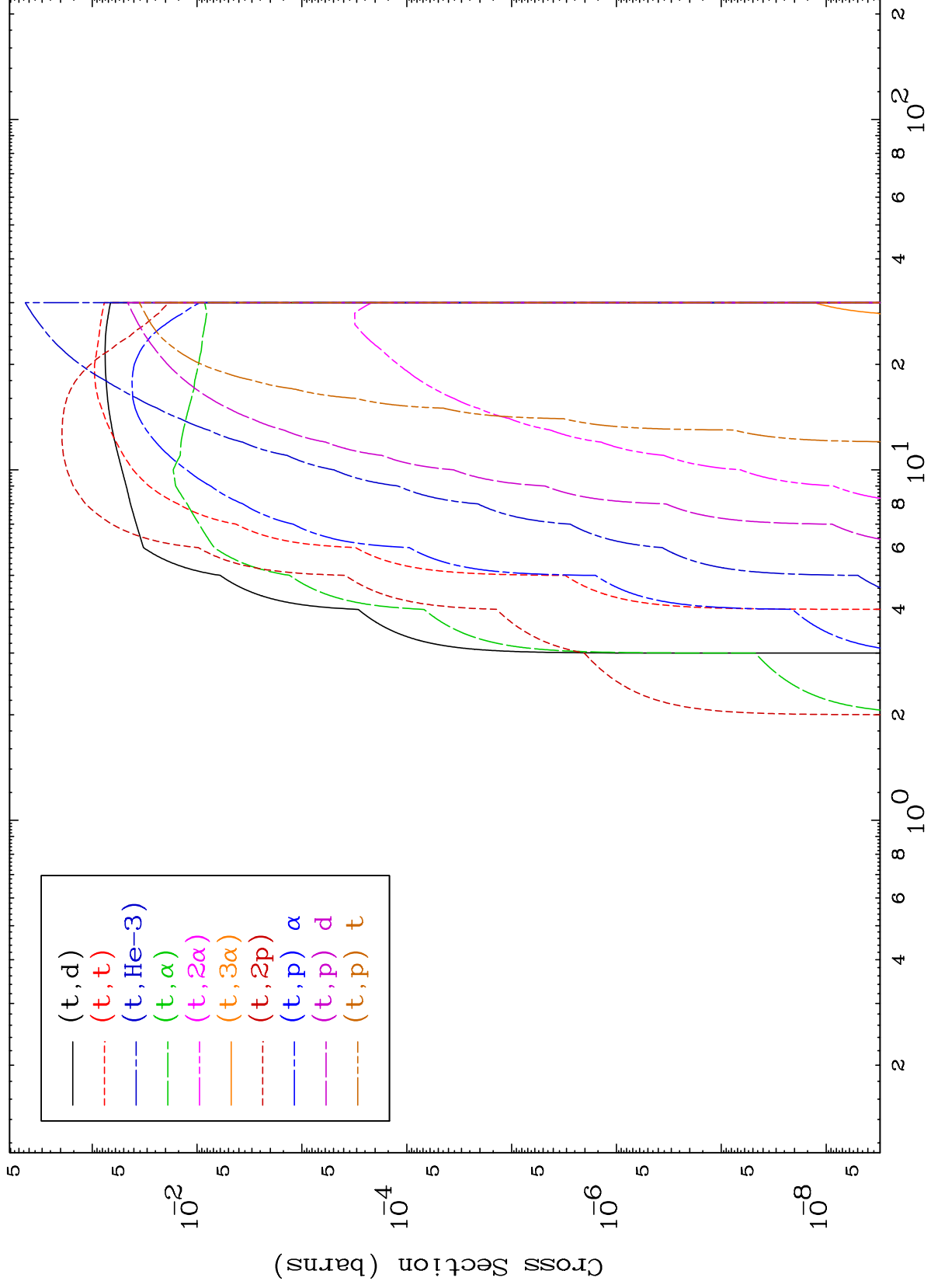
42-Mo-90



MAT 4219

Triton Charged Particle
0 Kelvin Cross Sections

42-Mo-90



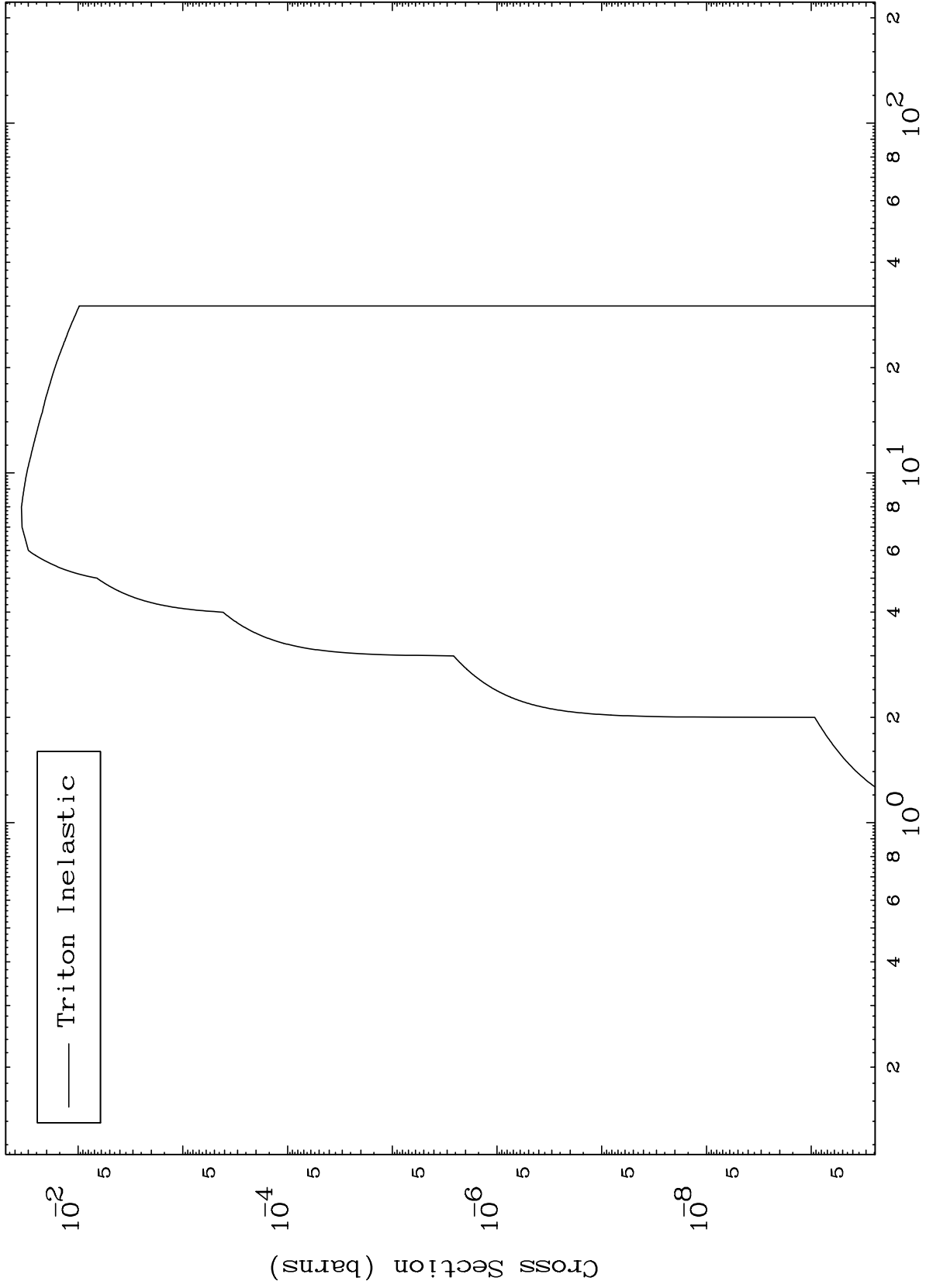
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

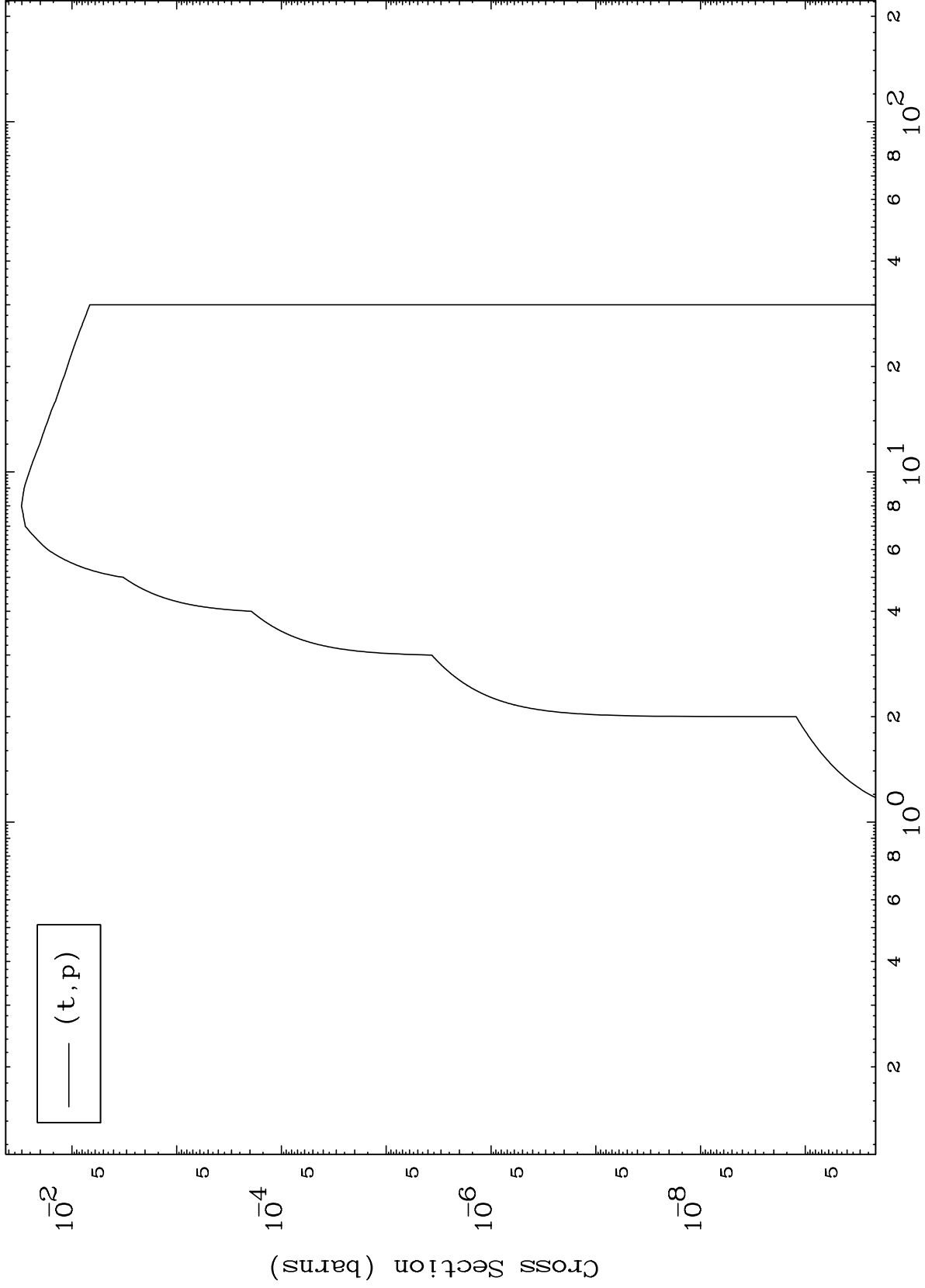
(t, n') Level
0 Kelvin Cross Sections



MAT 4219

(t,p) Levels
0 Kelvin Cross Sections

42-Mo-90



6

Incident Energy (MeV)

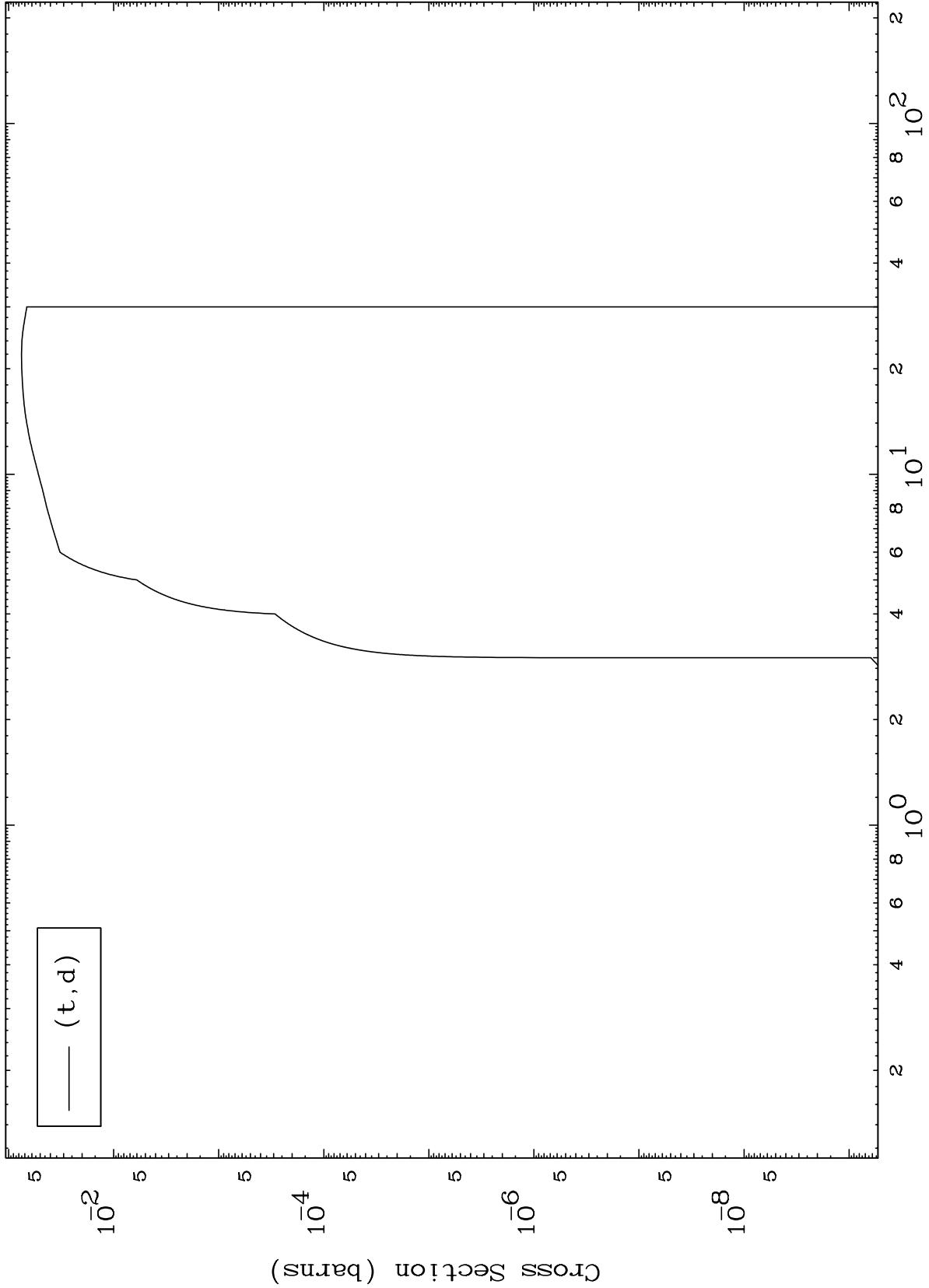
42-Mo-90

MAT 4219

(t,d) Levels

42-Mo-90

0 Kelvin Cross Sections

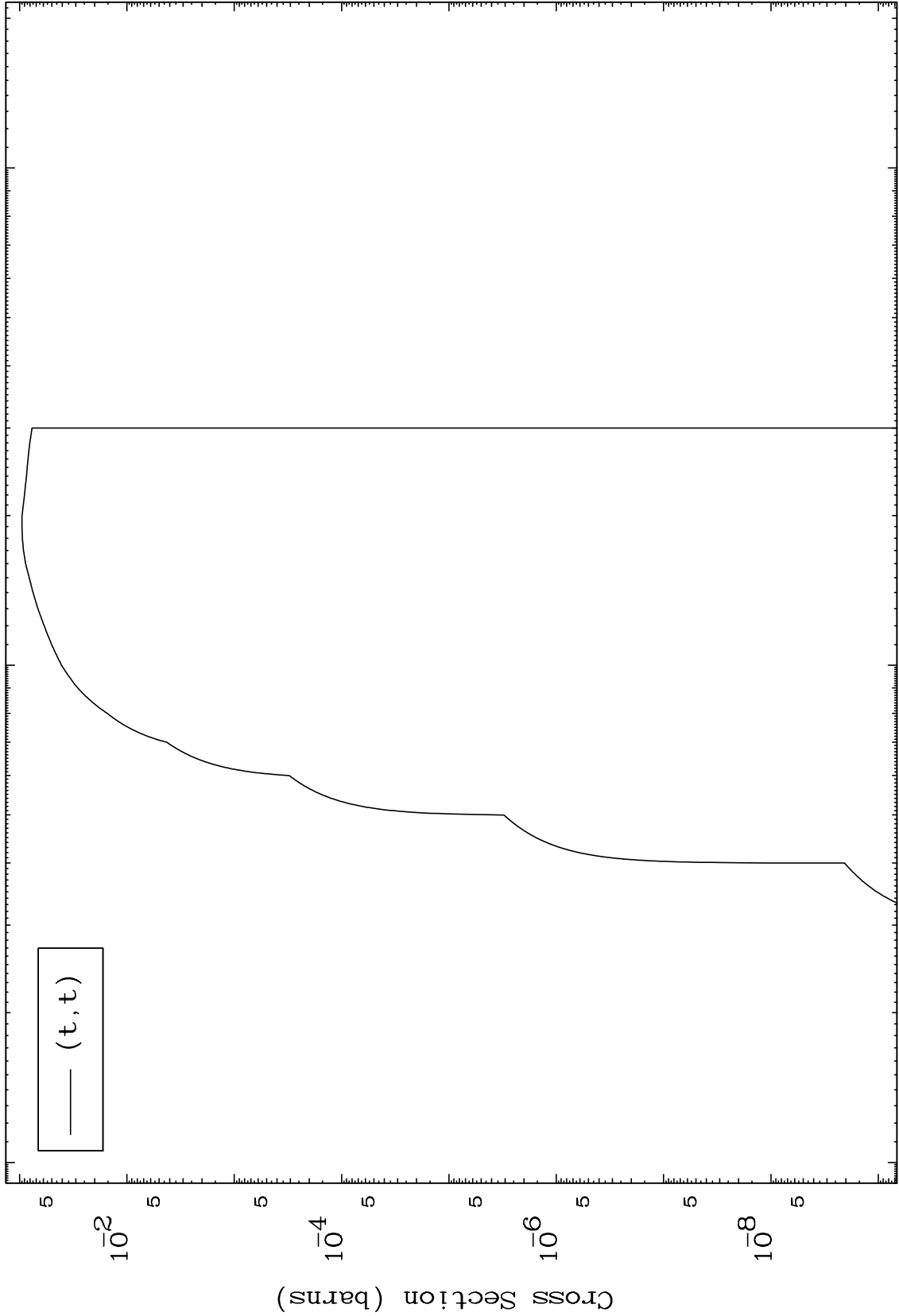


MAT 4219

(t,t) Levels

42-Mo-90

0 Kelvin Cross Sections



8 10⁰ 2 4 6 8 10¹ 2 4 6 8 10² 2

Incident Energy (MeV)

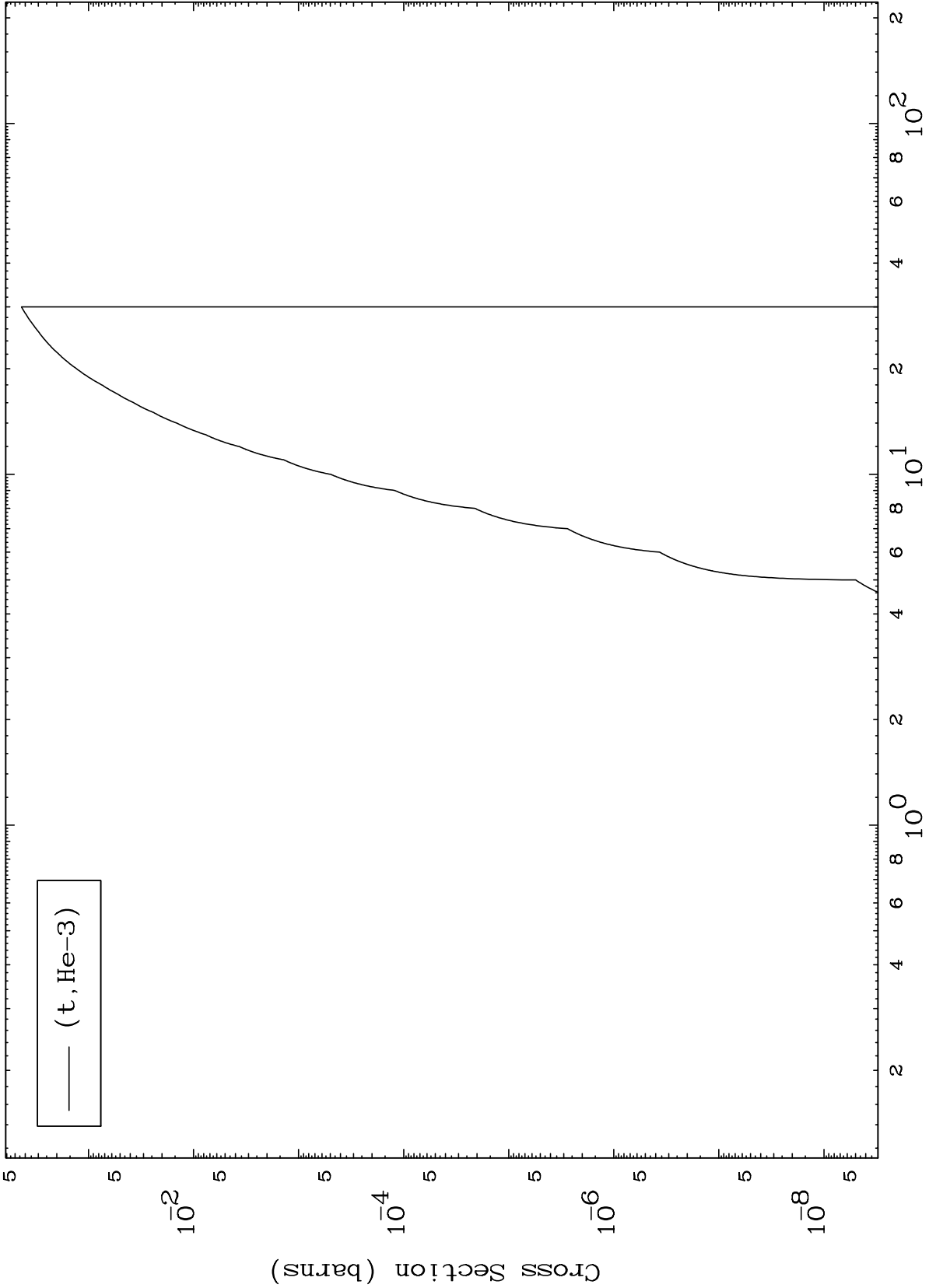
42-Mo-90

MAT 4219

(t, He3) Levels

42-Mo-90

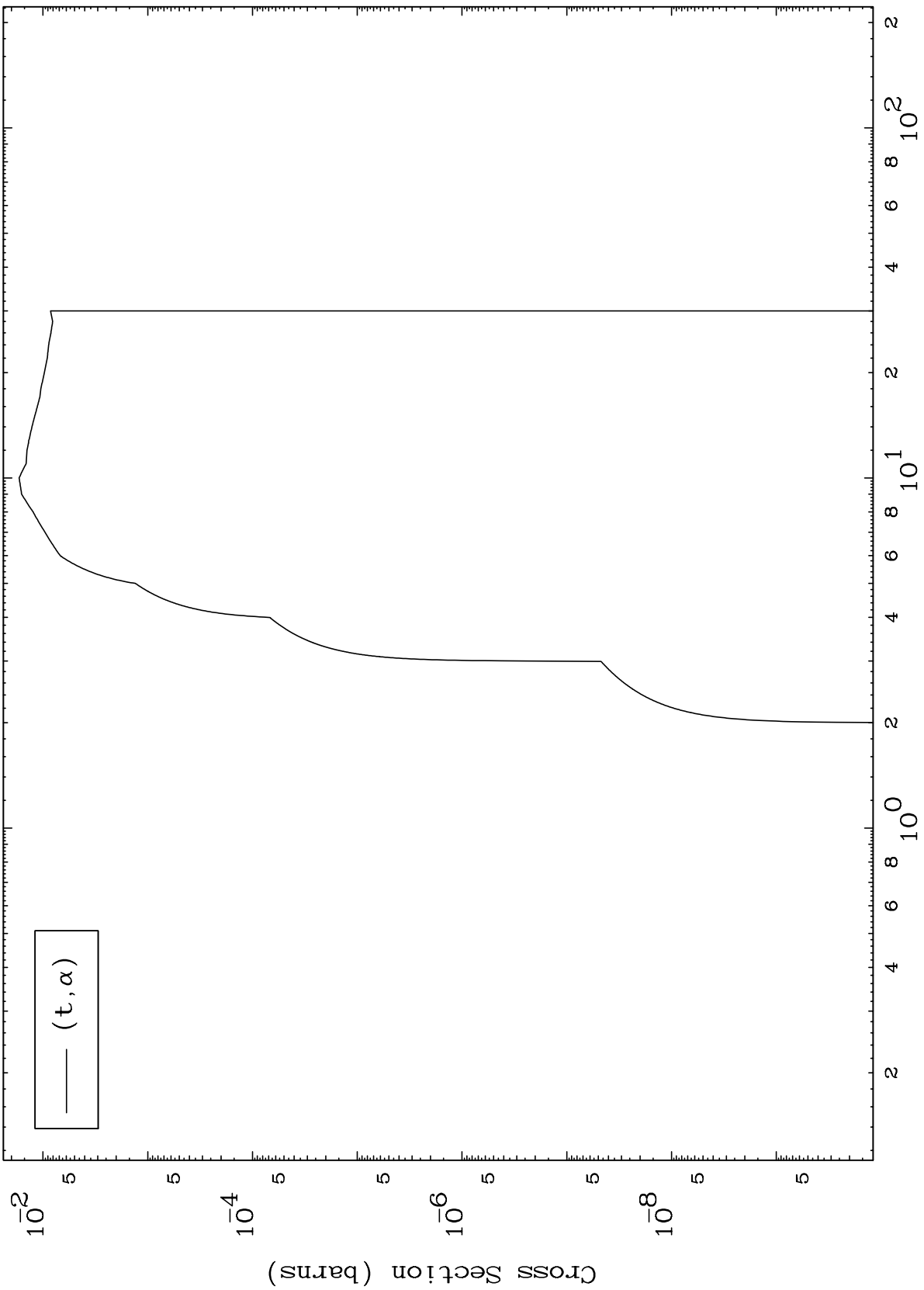
0 Kelvin Cross Sections



MAT 4219

42-Mo-90

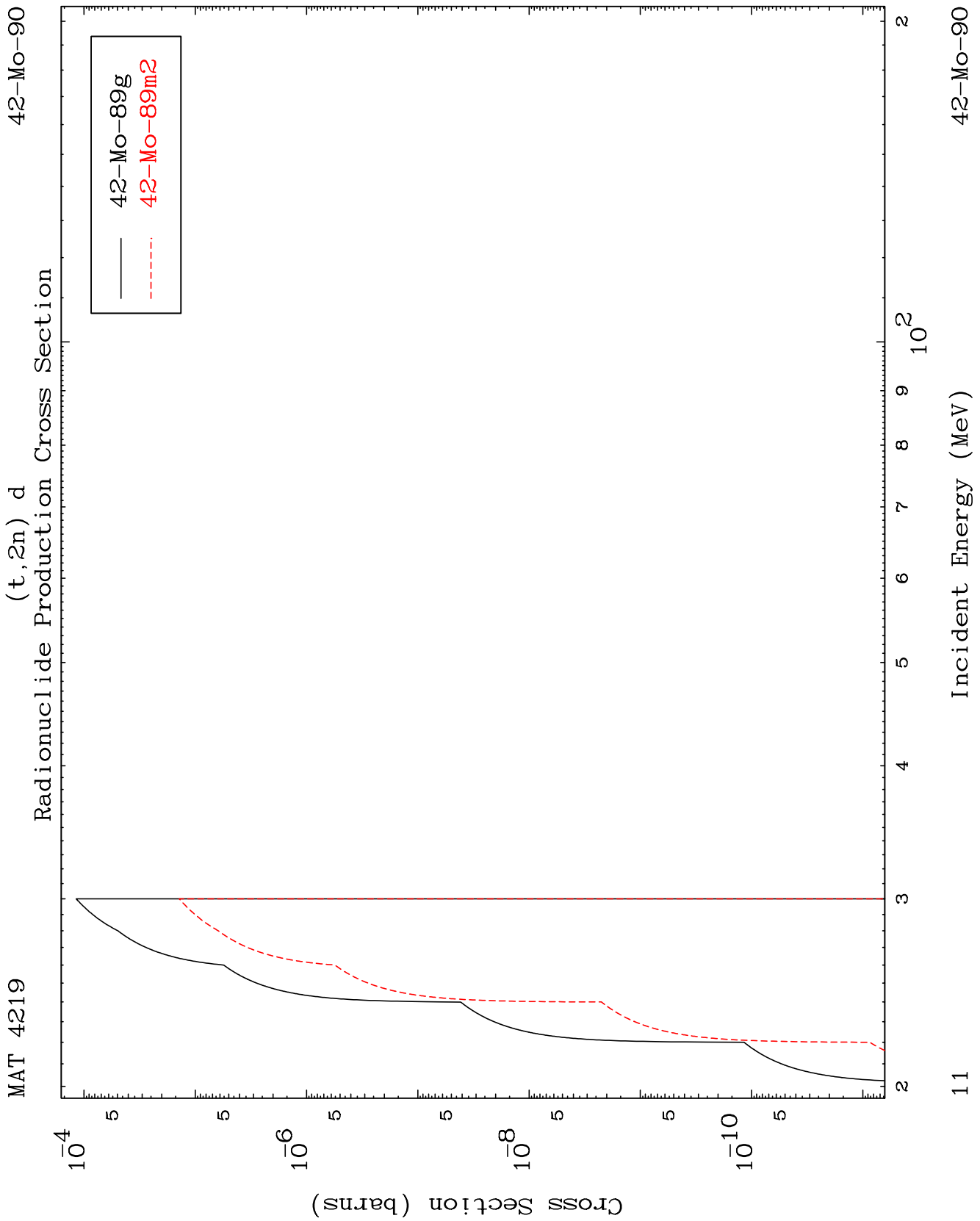
(t, α) Levels
0 Kelvin Cross Sections



42-Mo-90

Incident Energy (MeV)

10

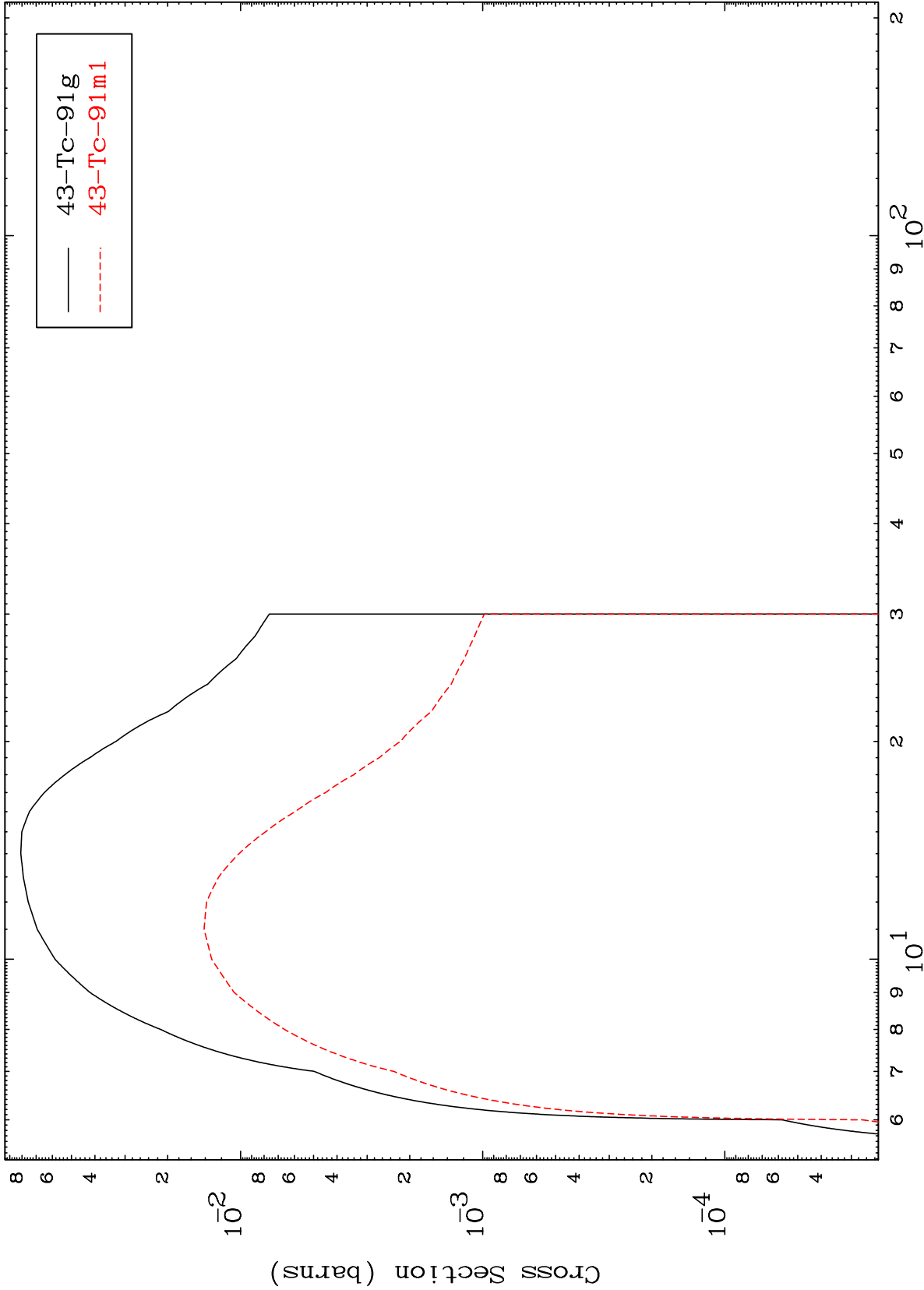


MAT 4219

(t,2n)

42-Mo-90

Radionuclide Production Cross Section



12

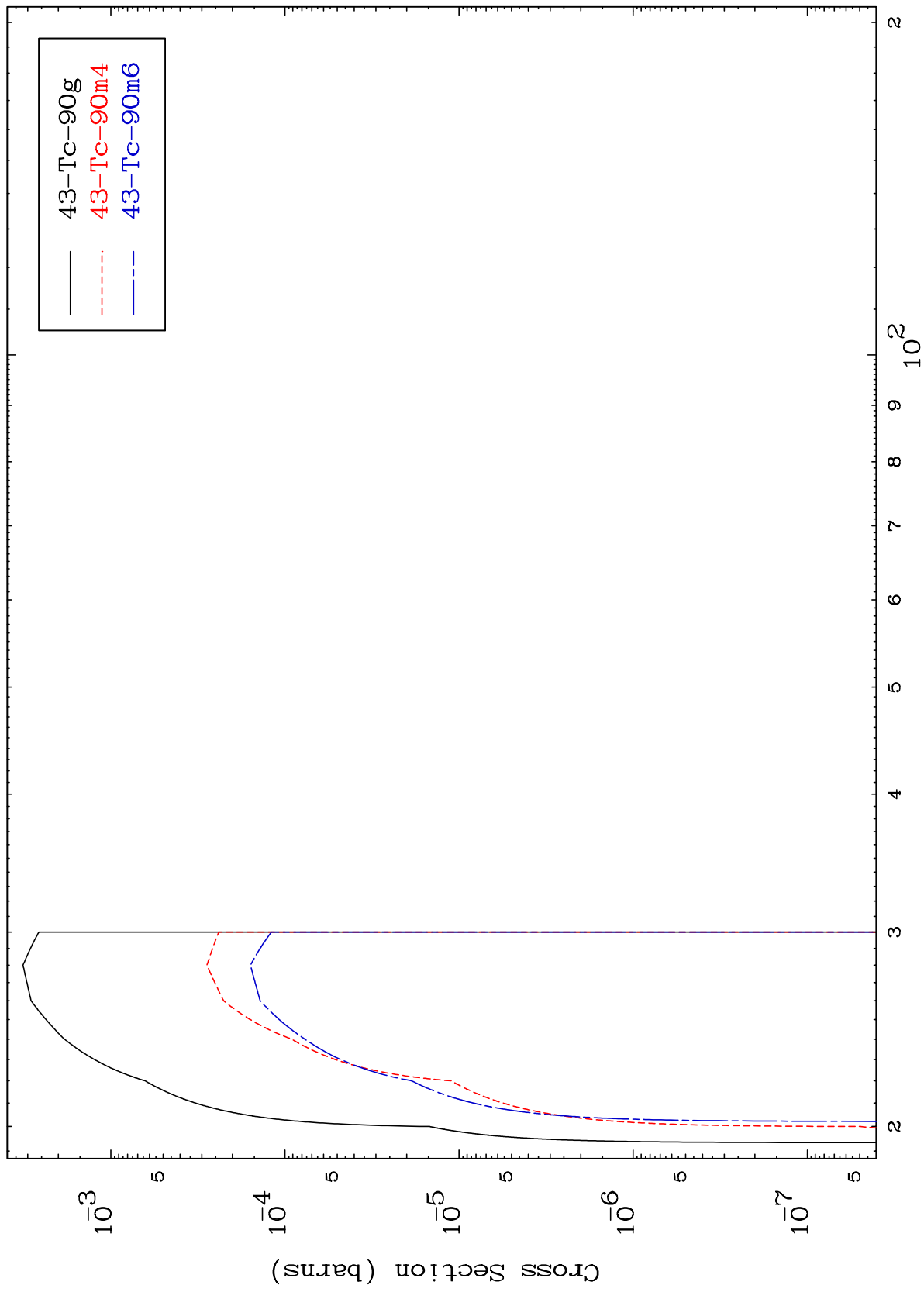
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(t,3n)
Radionuclide Production Cross Section



42-Mo-90

Incident Energy (MeV)

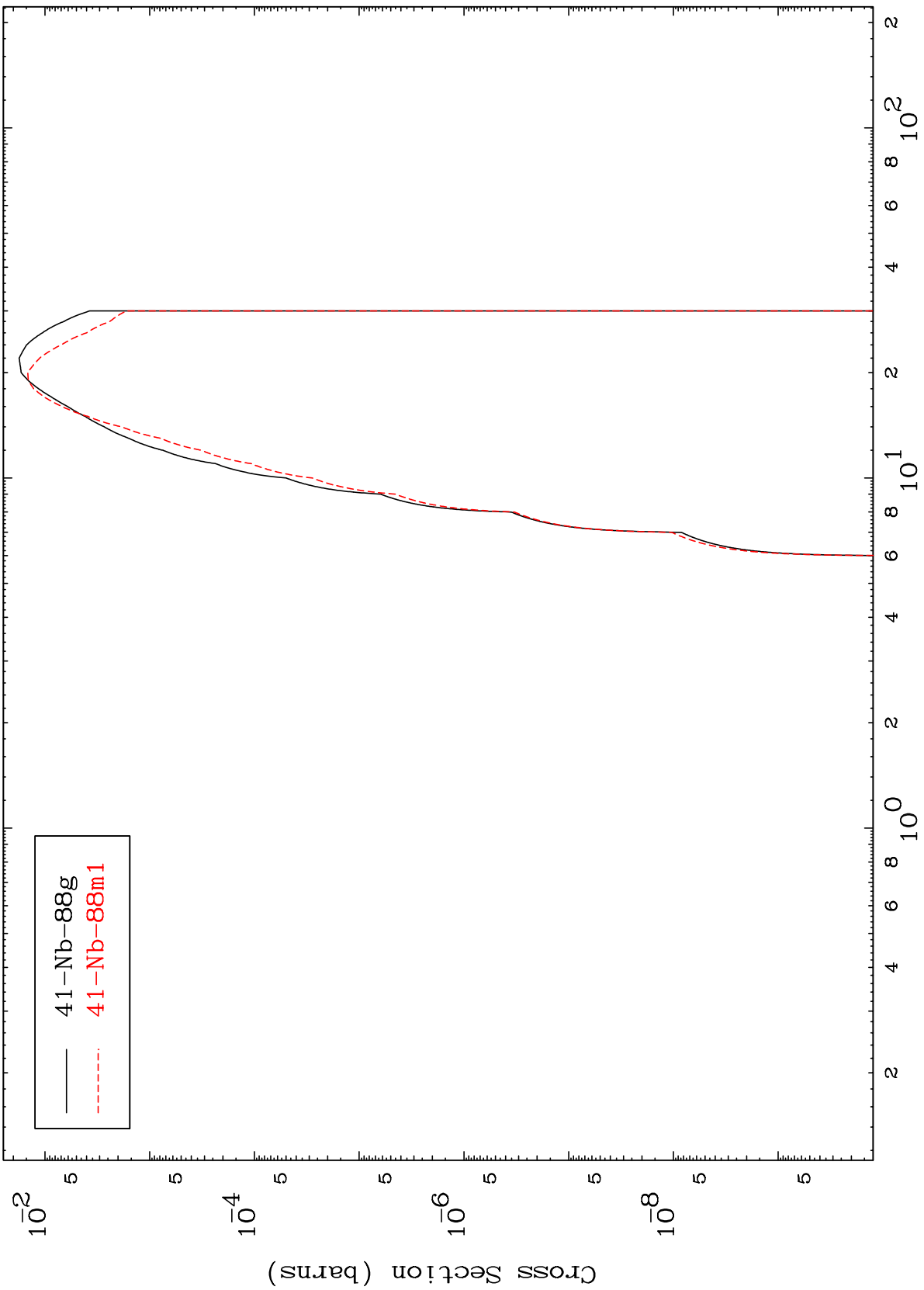
13

MAT 4219

(t,n') α

42-Mo-90

Radionuclide Production Cross Section

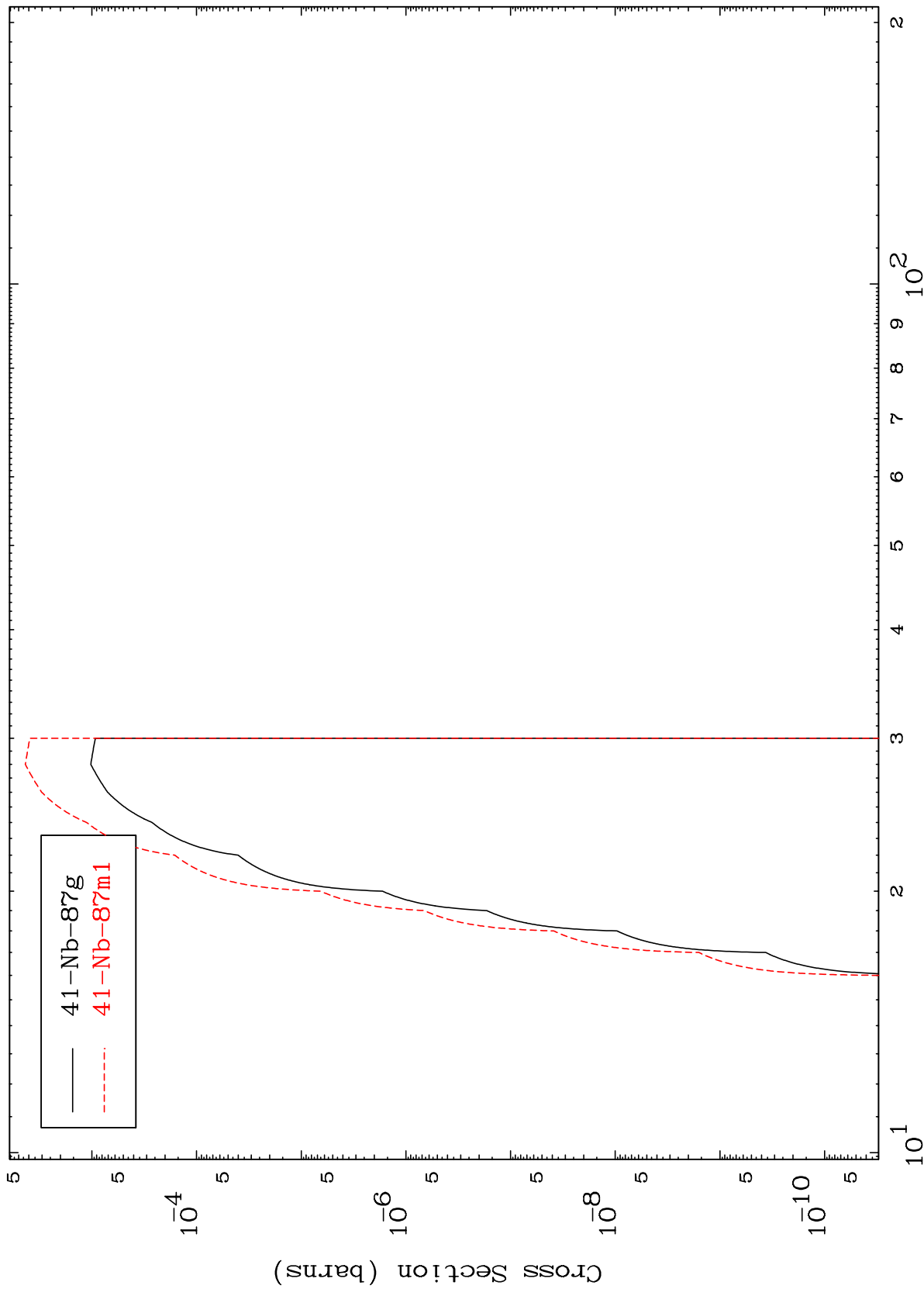


MAT 4219

(t,2n) α

42-Mo-90

Radionuclide Production Cross Section



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

Incident Energy (MeV)

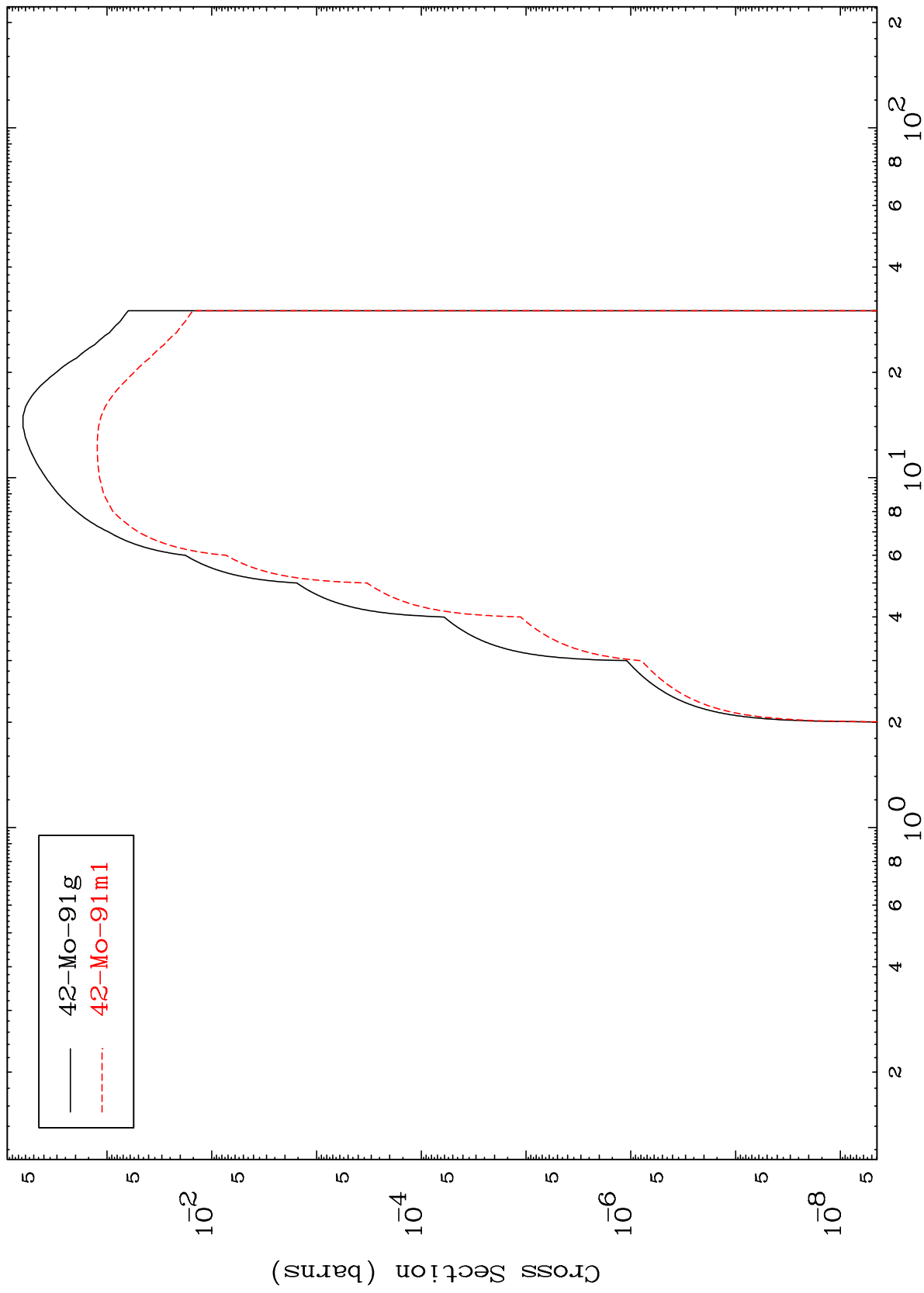
42-Mo-90

15

MAT 4219

42-Mo-90

(t,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

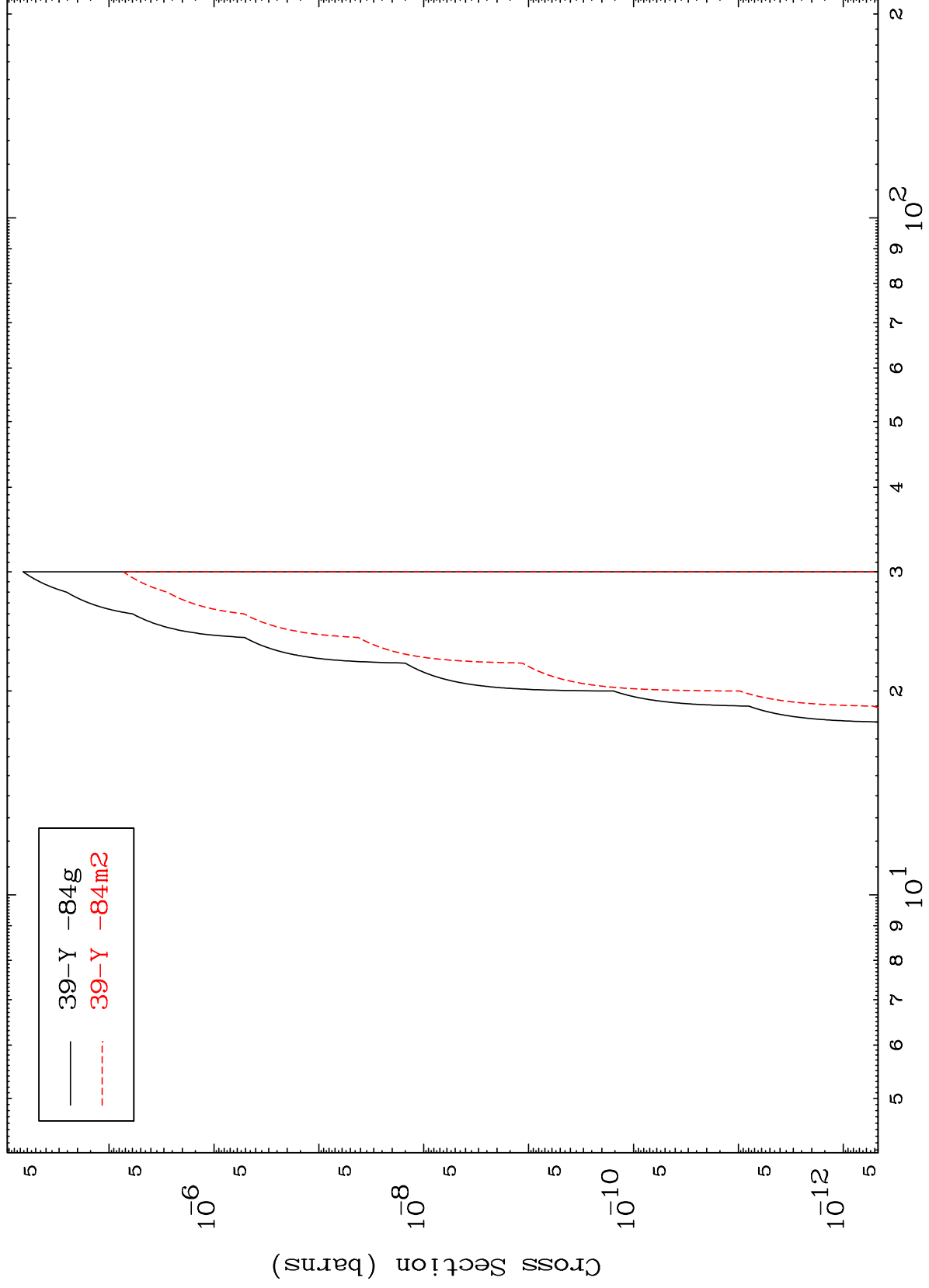
42-Mo-90

MAT 4219

(t,n') 2 α

42-Mo-90

Radionuclide Production Cross Section



17

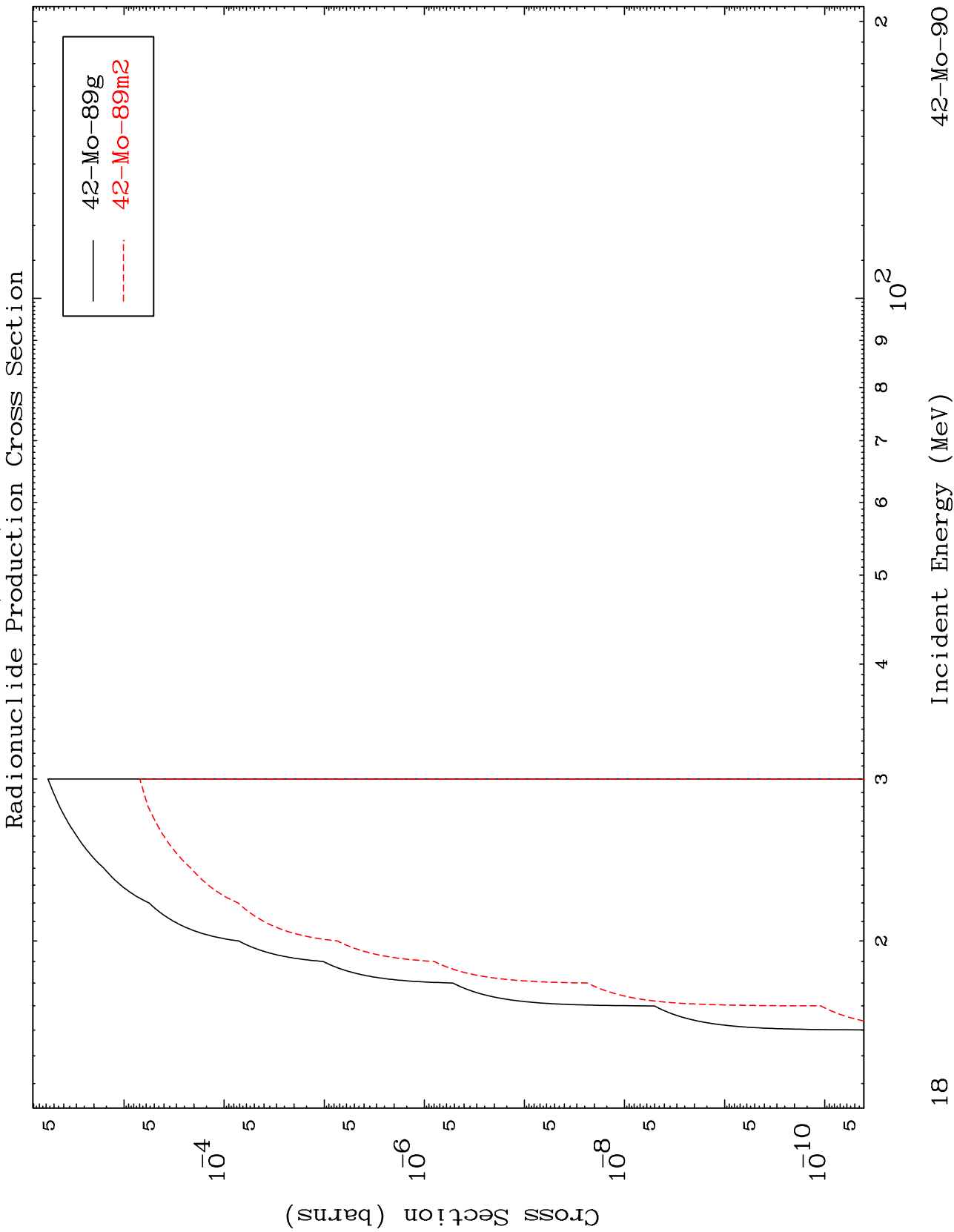
Incident Energy (MeV)

42-Mo-90

MAT 4219

(t,n') t

42-Mo-90



18

Incident Energy (MeV)

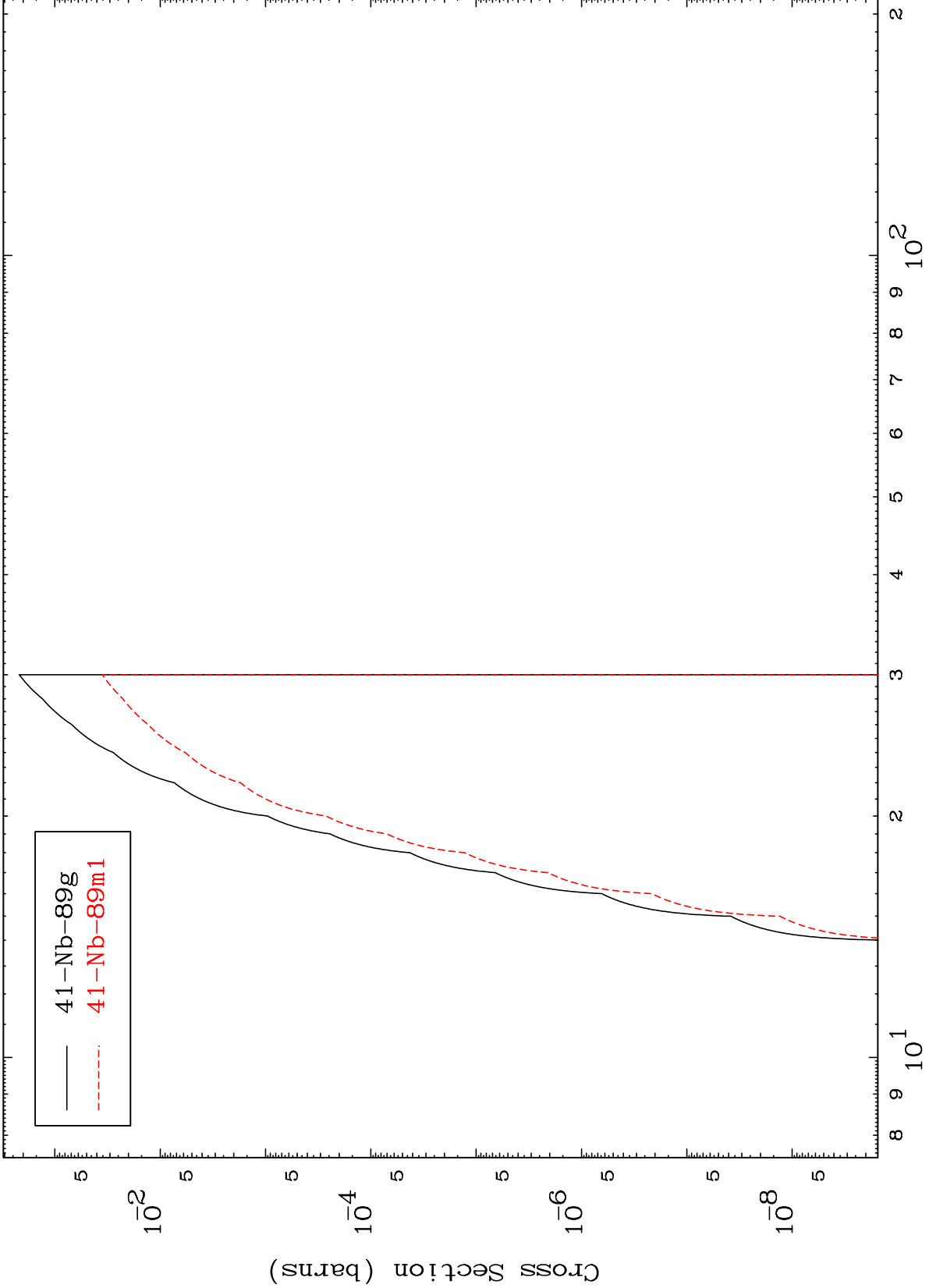
42-Mo-90

MAT 4219

(t,n') He-3

42-Mo-90

Radionuclide Production Cross Section



41-Nb-89g
41-Nb-89m1

19

Incident Energy (MeV)

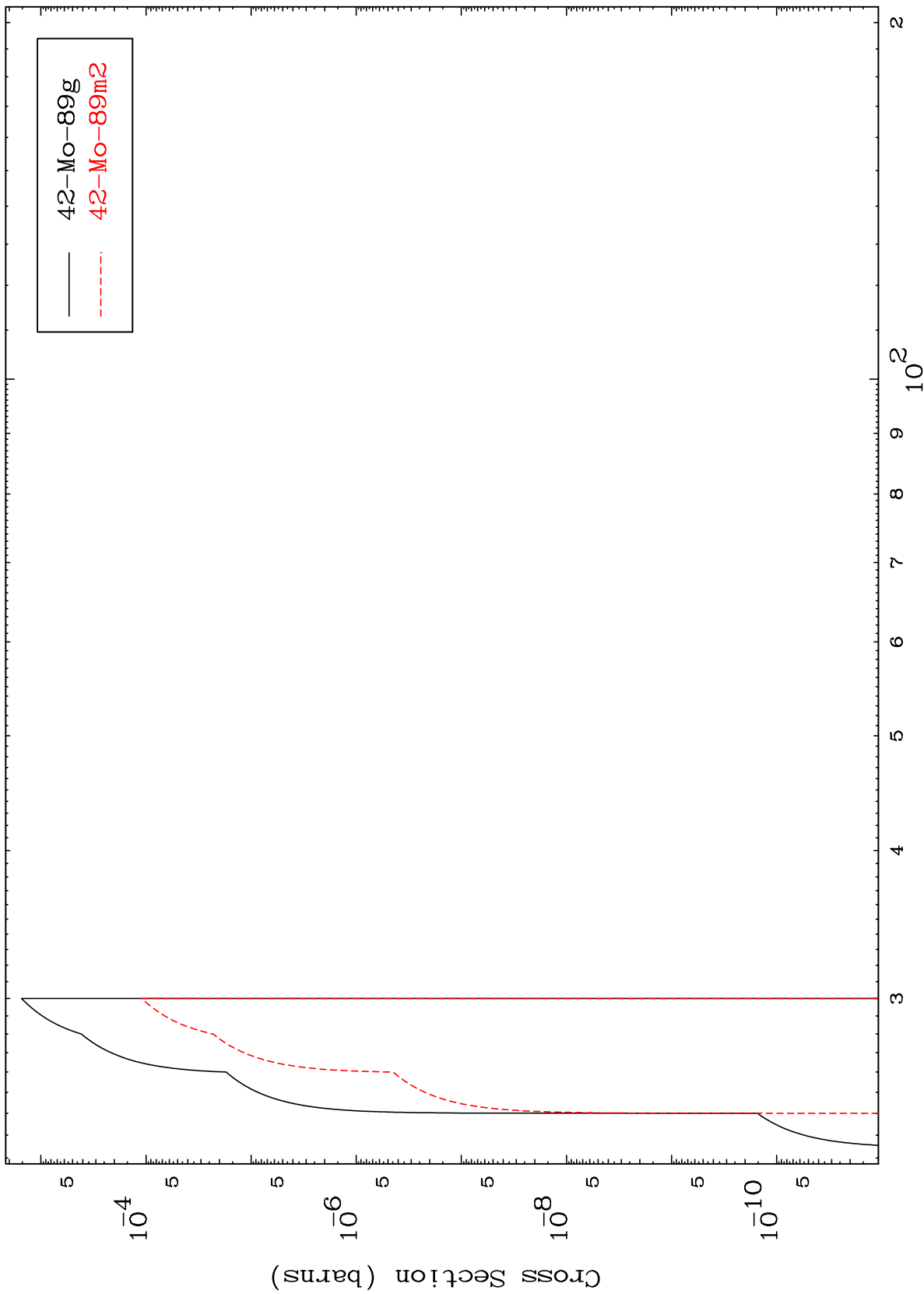
42-Mo-90

MAT 4219

(t,3n) p

42-Mo-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

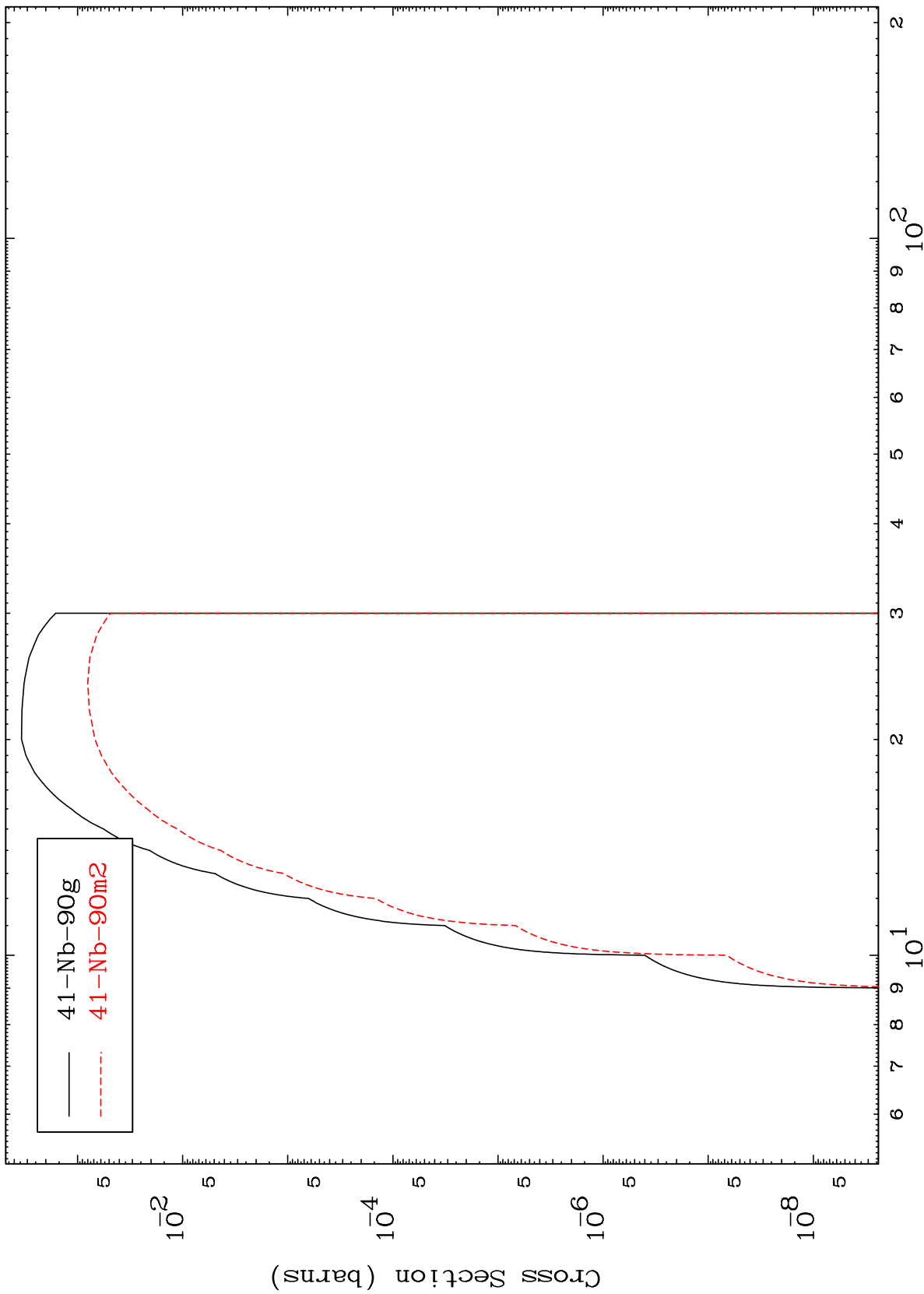
42-Mo-90

MAT 4219

(t,2n) p

42-Mo-90

Radionuclide Production Cross Section

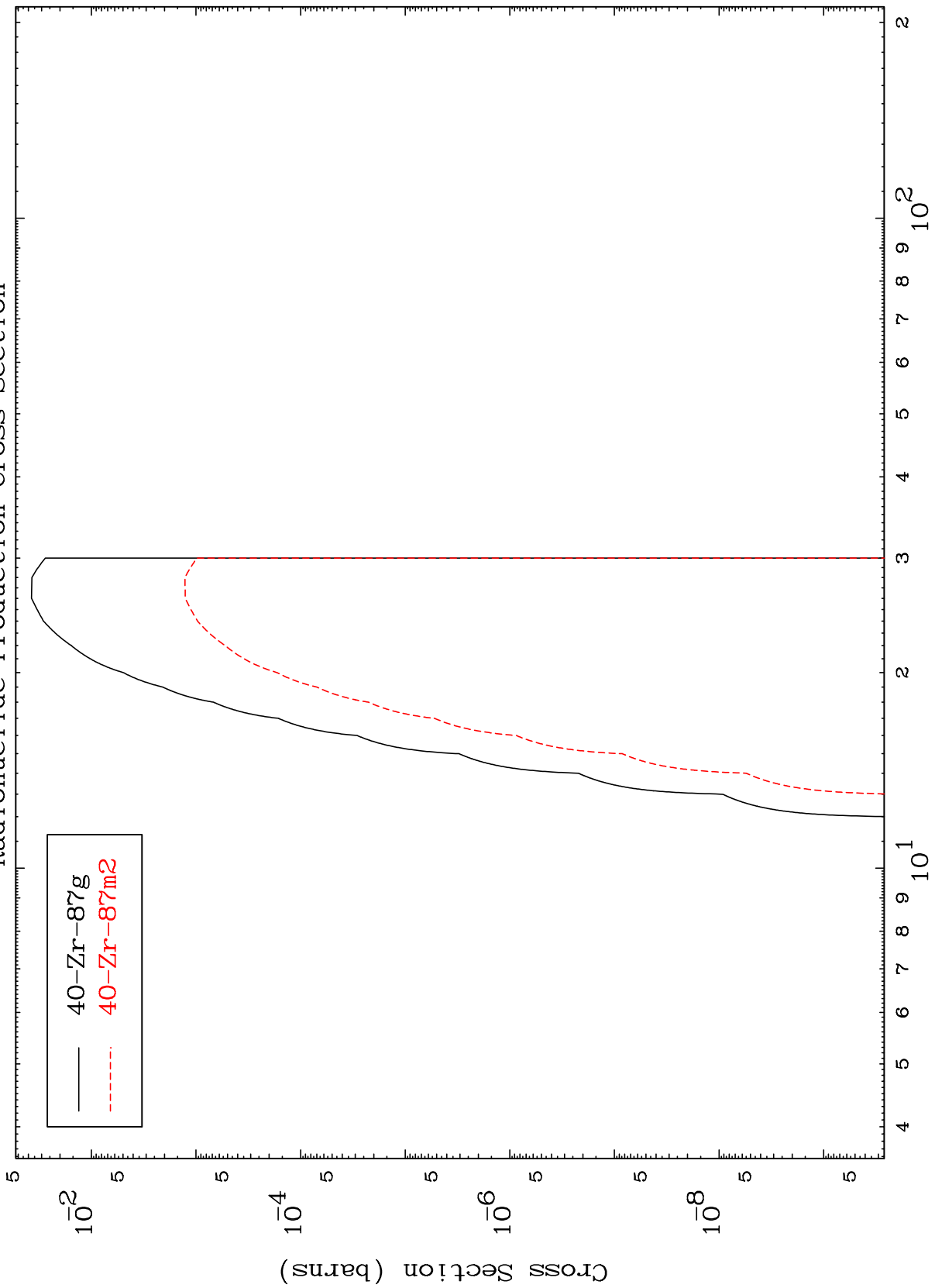


MAT 4219

(t,n') p α

42-Mo-90

Radionuclide Production Cross Section

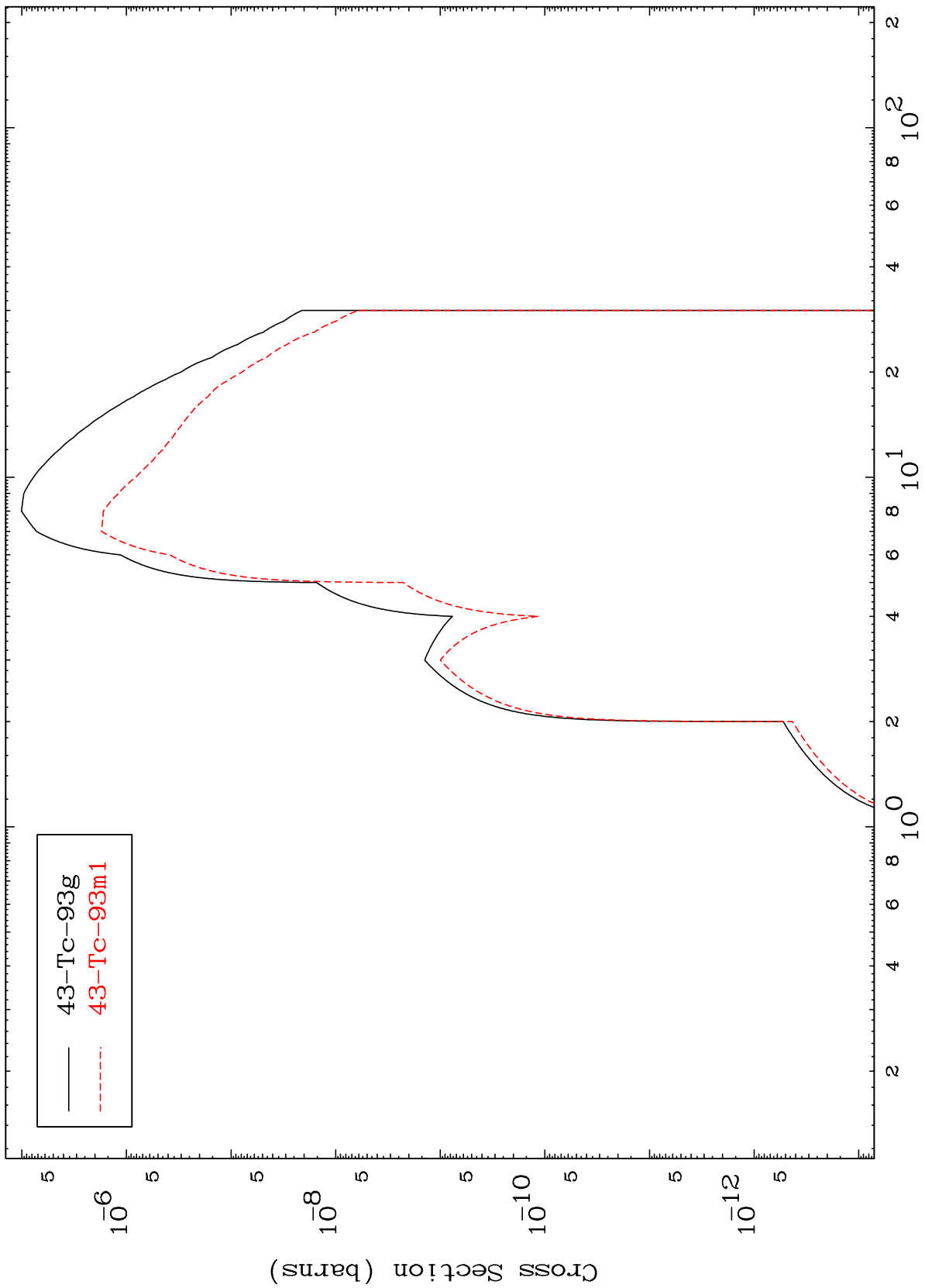


— 40-Zr-87g
- - - 40-Zr-87m2

MAT 4219

42-Mo-90

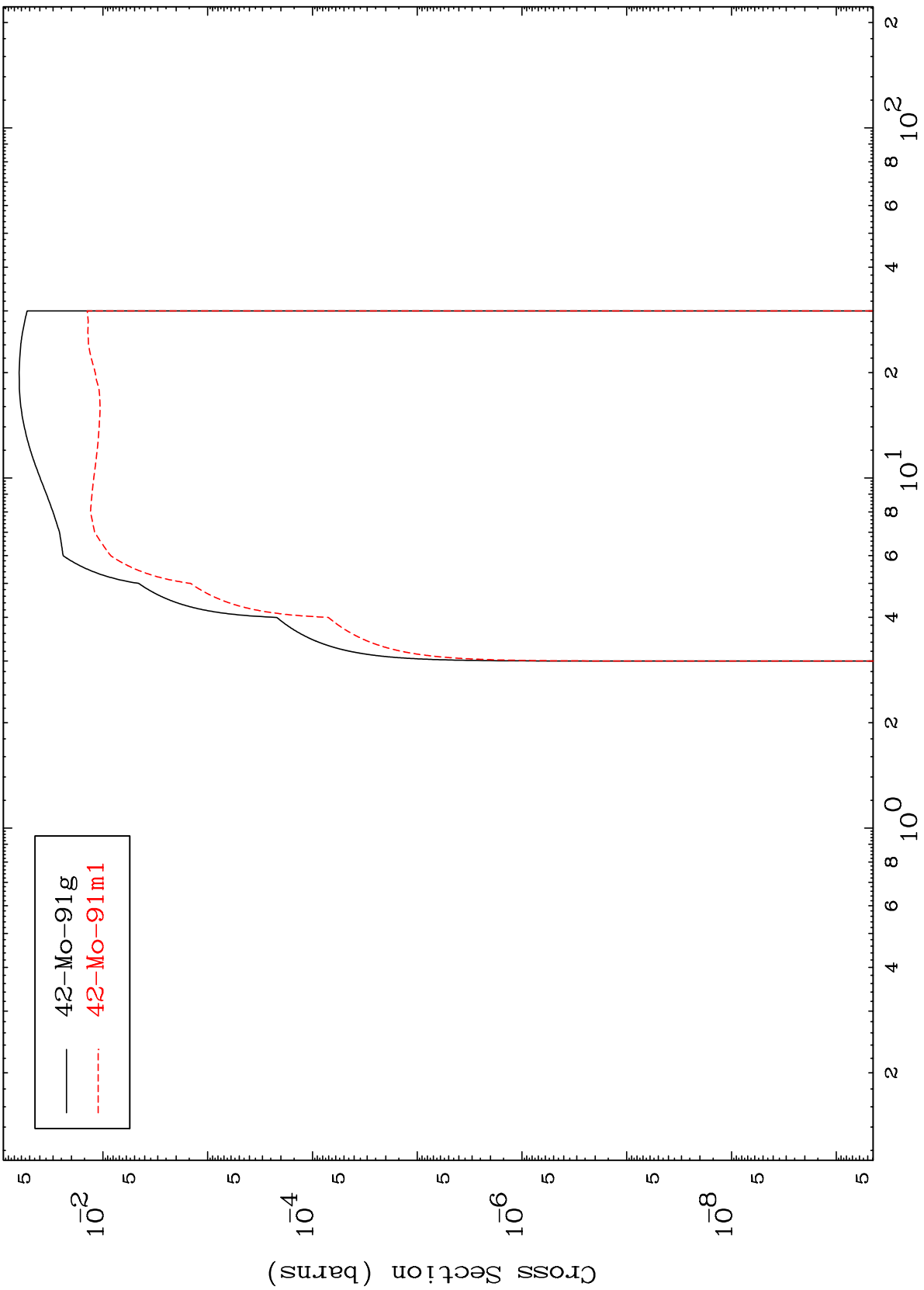
(t, γ)
Radionuclide Production Cross Section



MAT 4219

42-Mo-90

(t,d)
Radionuclide Production Cross Section



24

42-Mo-90

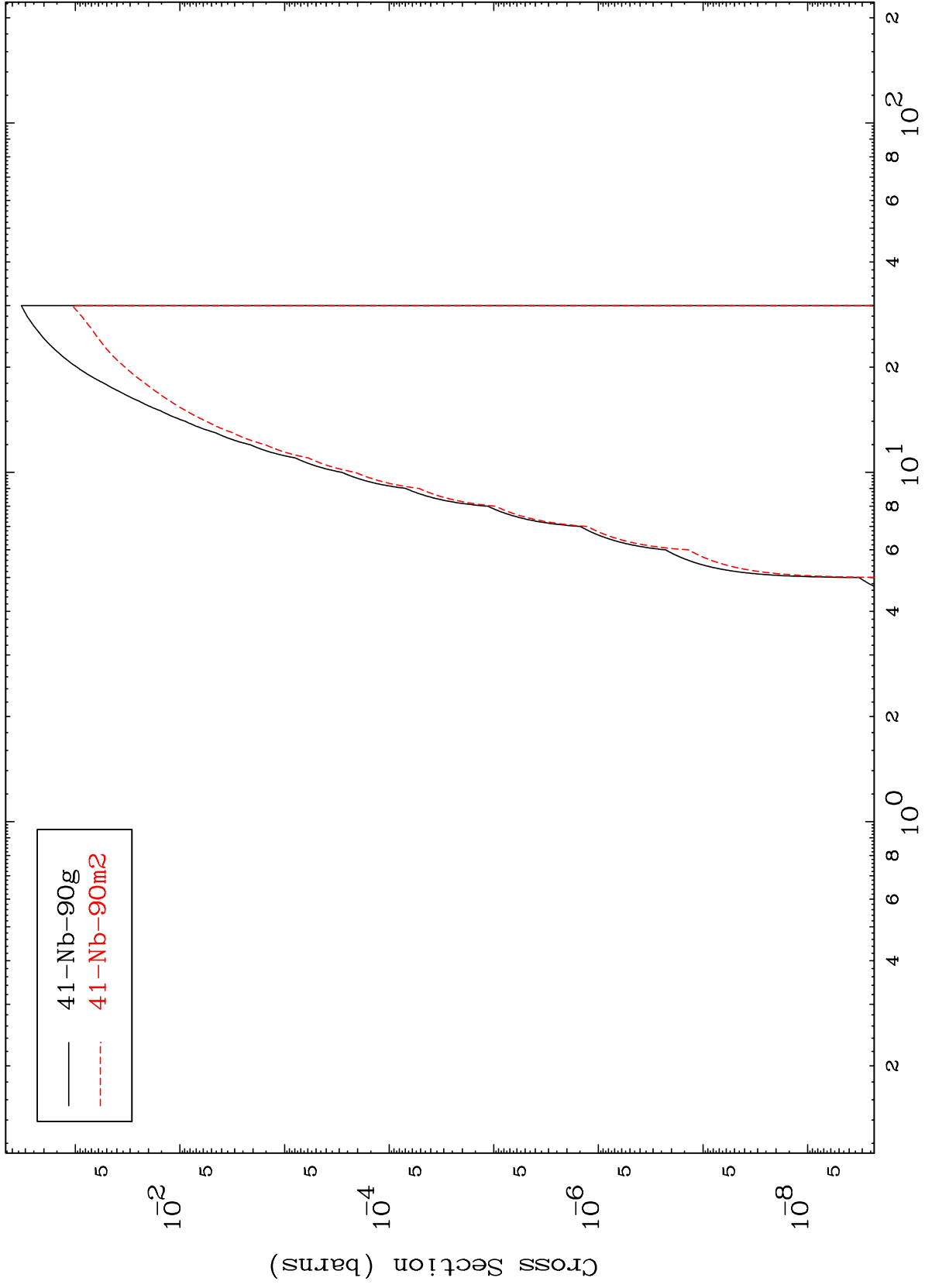
Incident Energy (MeV)

MAT 4219

(t,He-3)

42-Mo-90

Radionuclide Production Cross Section



25

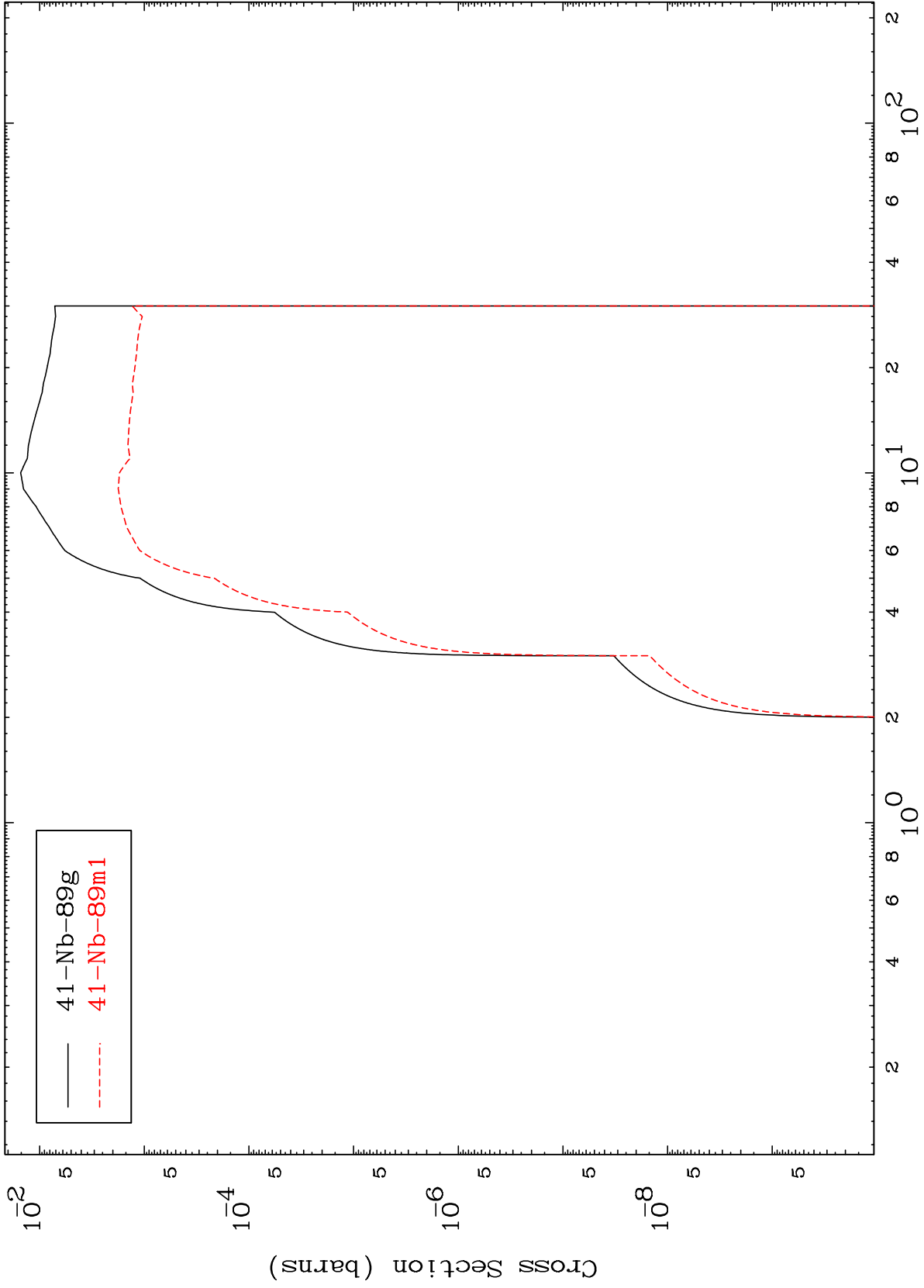
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(t, α)
Radionuclide Production Cross Section



26

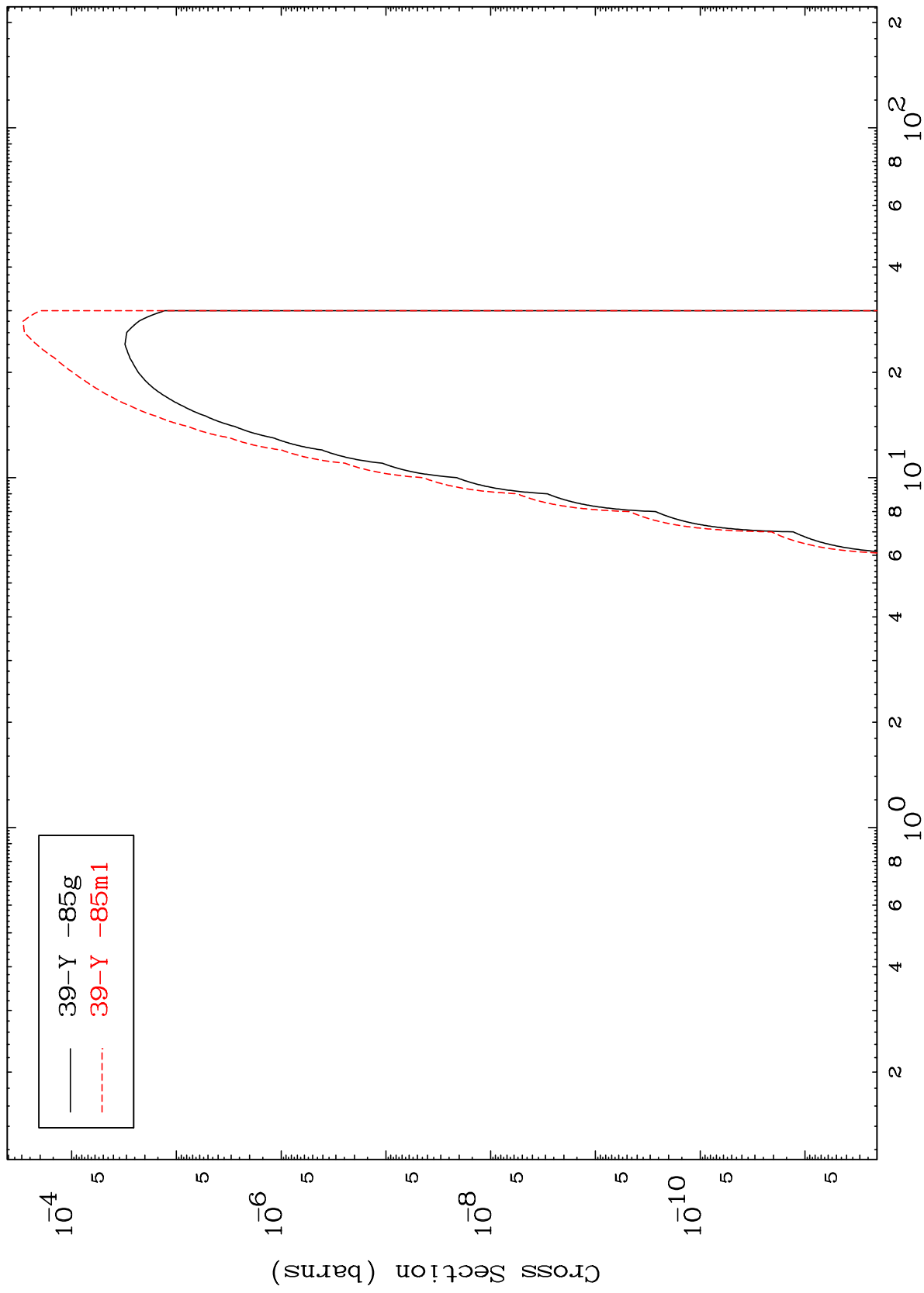
42-Mo-90

Incident Energy (MeV)

MAT 4219

42-Mo-90

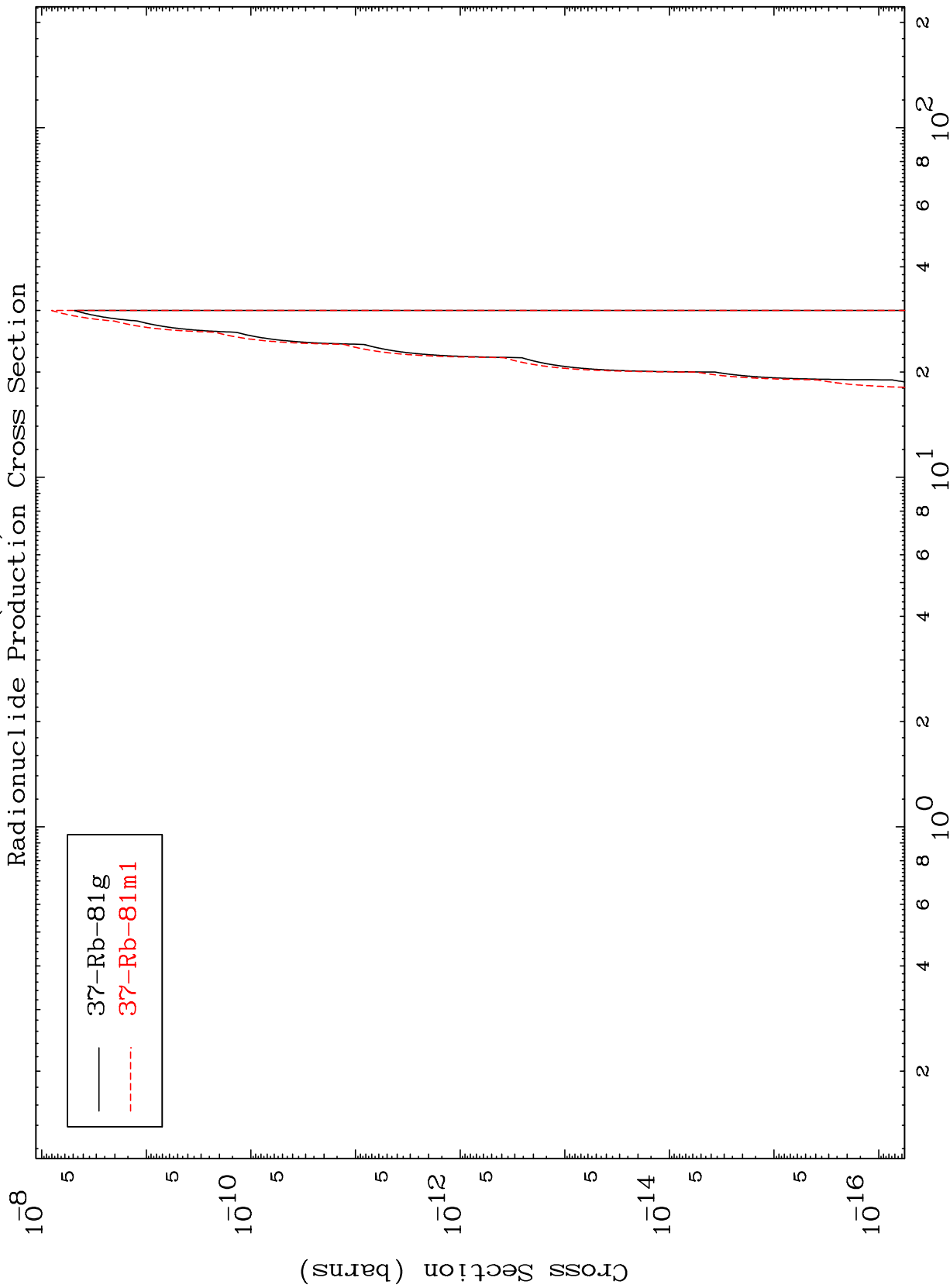
Radionuclide Production Cross Section
(t,2 α)



MAT 4219

42-Mo-90

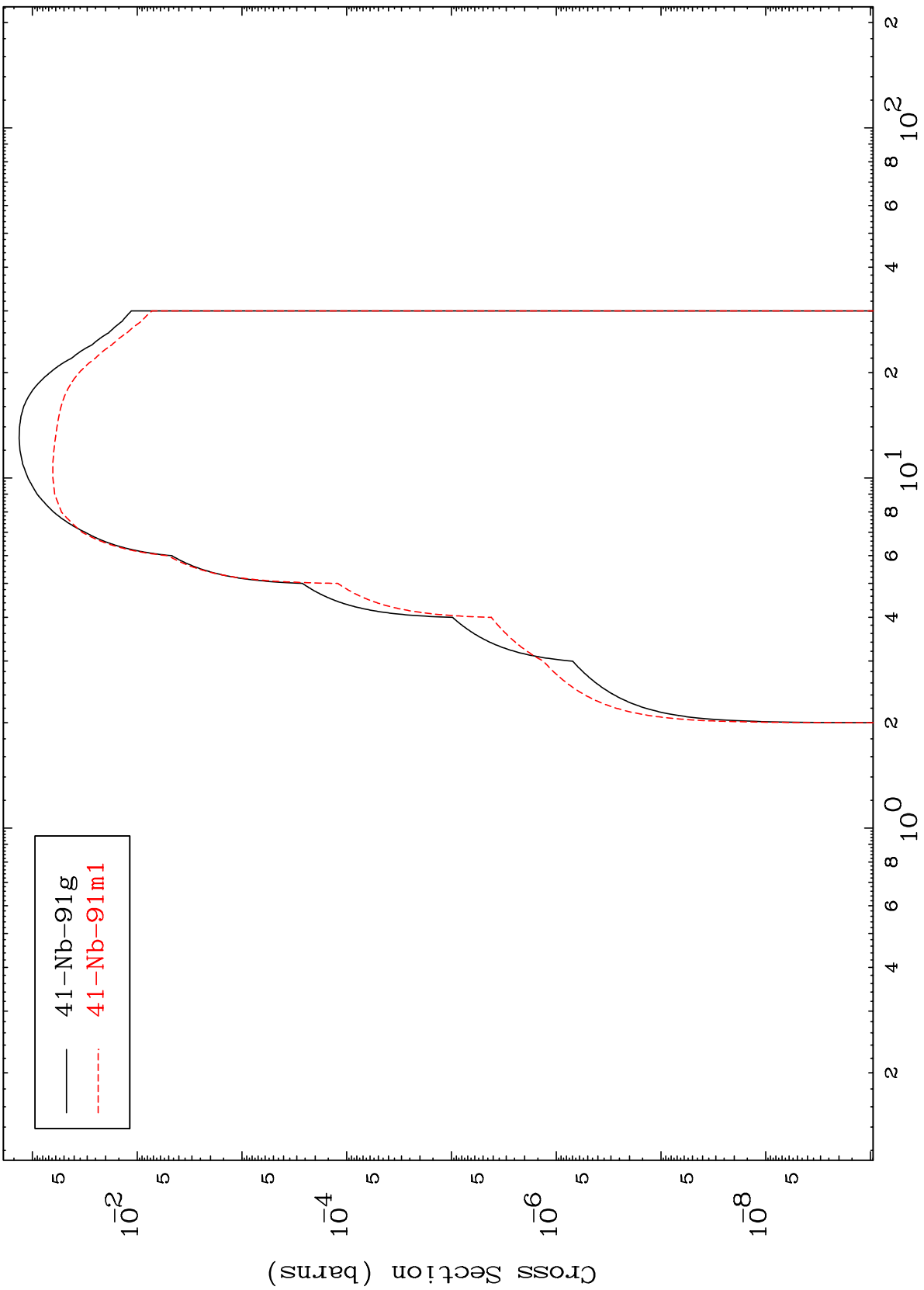
Radionuclide Production Cross Section
(t, 3 α)



MAT 4219

42-Mo-90

(t,2p)
Radionuclide Production Cross Section



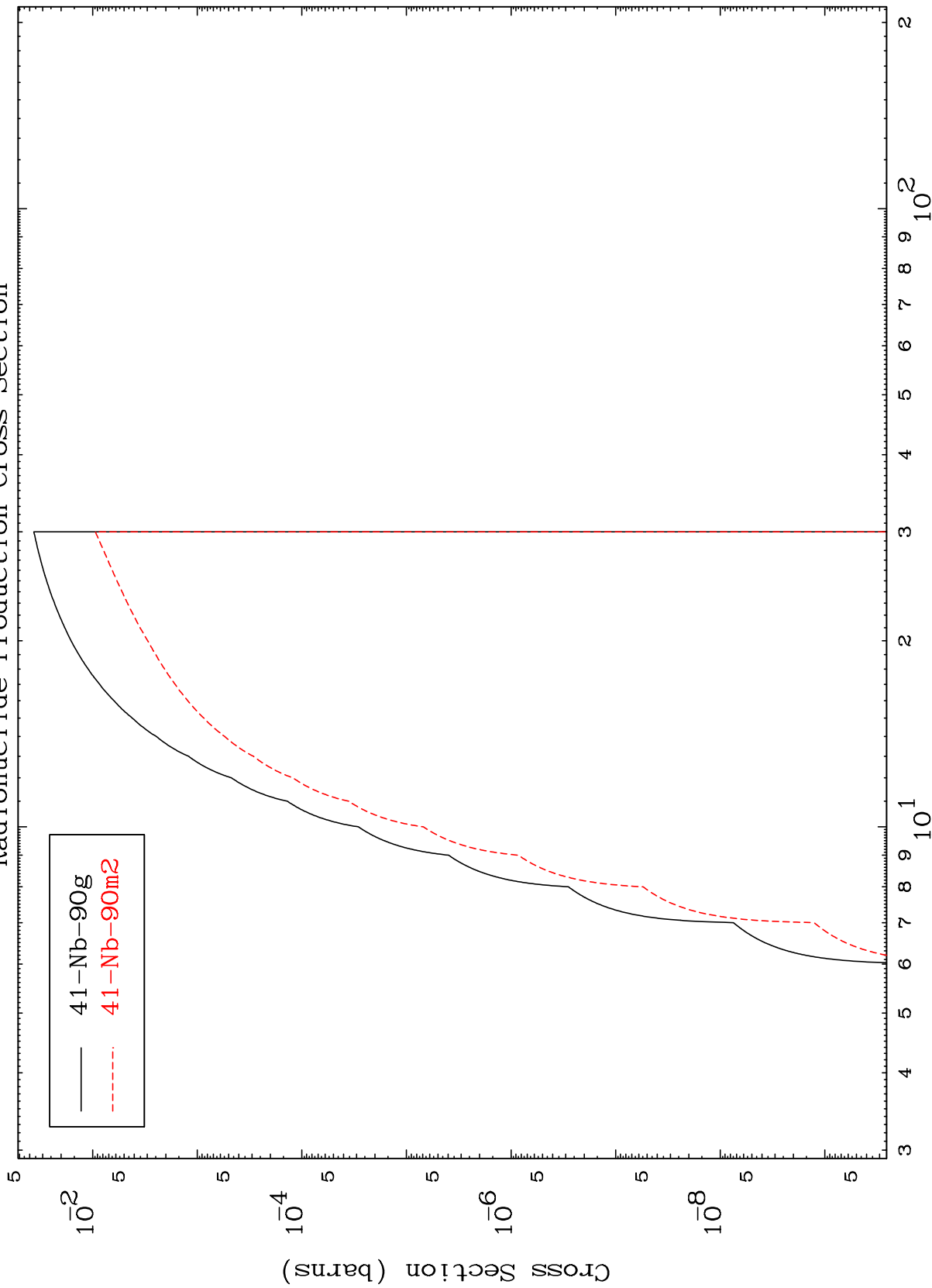
— 41-Nb-91g
- - - 41-Nb-91m1

MAT 4219

(t,p) d

42-Mo-90

Radionuclide Production Cross Section



— 41-Nb-90g
- - - 41-Nb-90m2

30

Incident Energy (MeV)

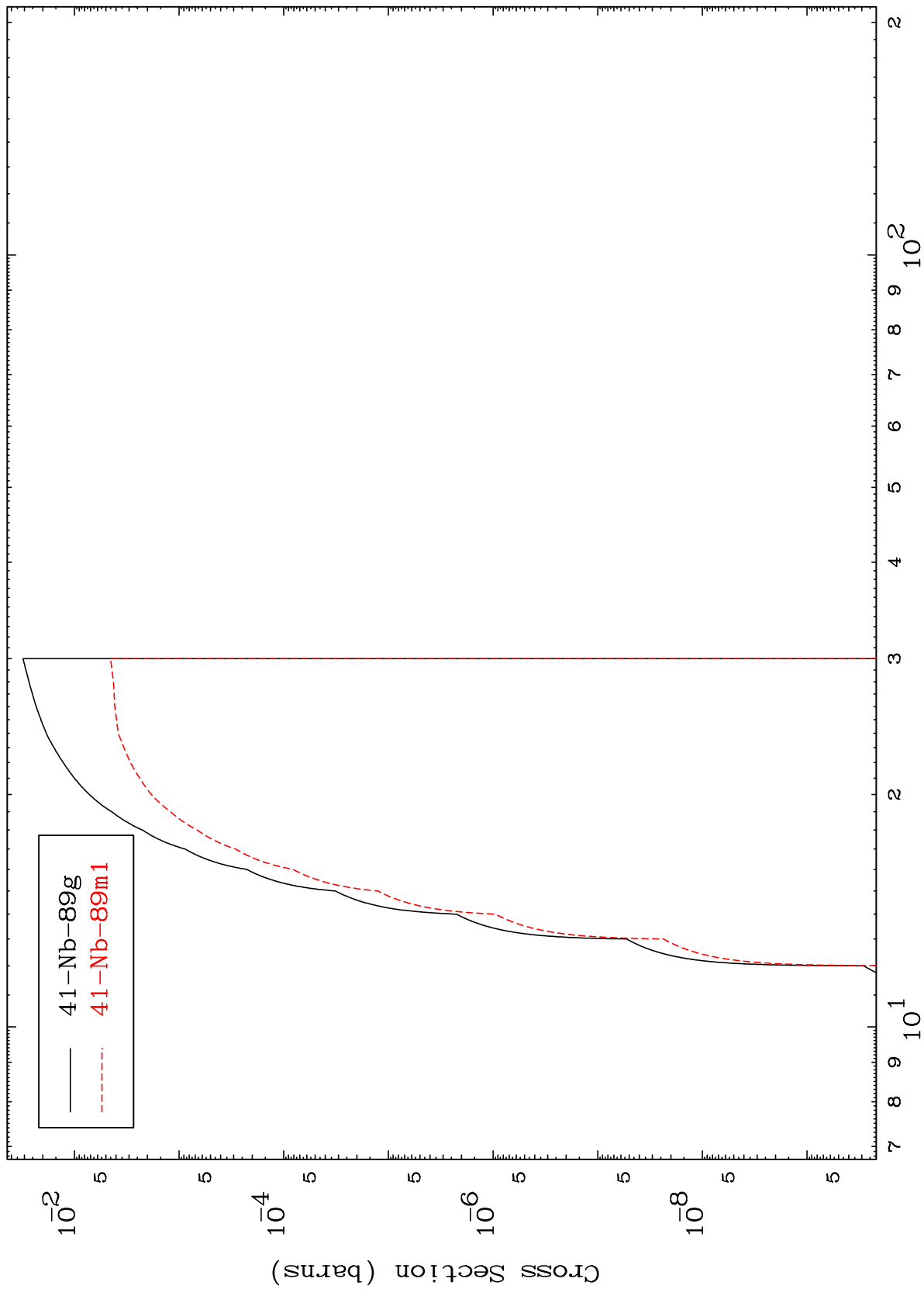
42-Mo-90

MAT 4219

(t,p) t

42-Mo-90

Radionuclide Production Cross Section



31

Incident Energy (MeV)

42-Mo-90

