

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

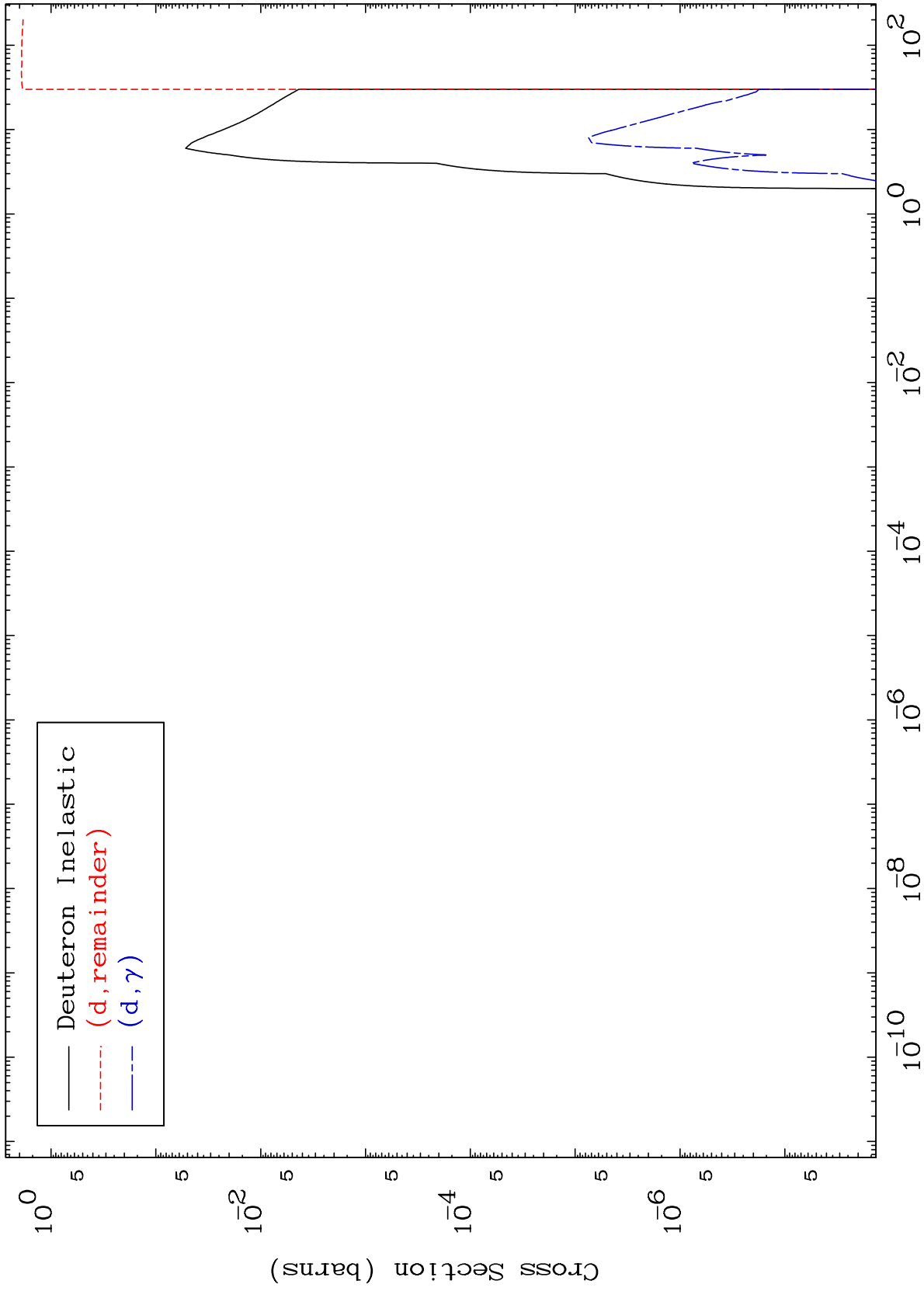
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4299

Deuteron Major
0 Kelvin Cross Sections

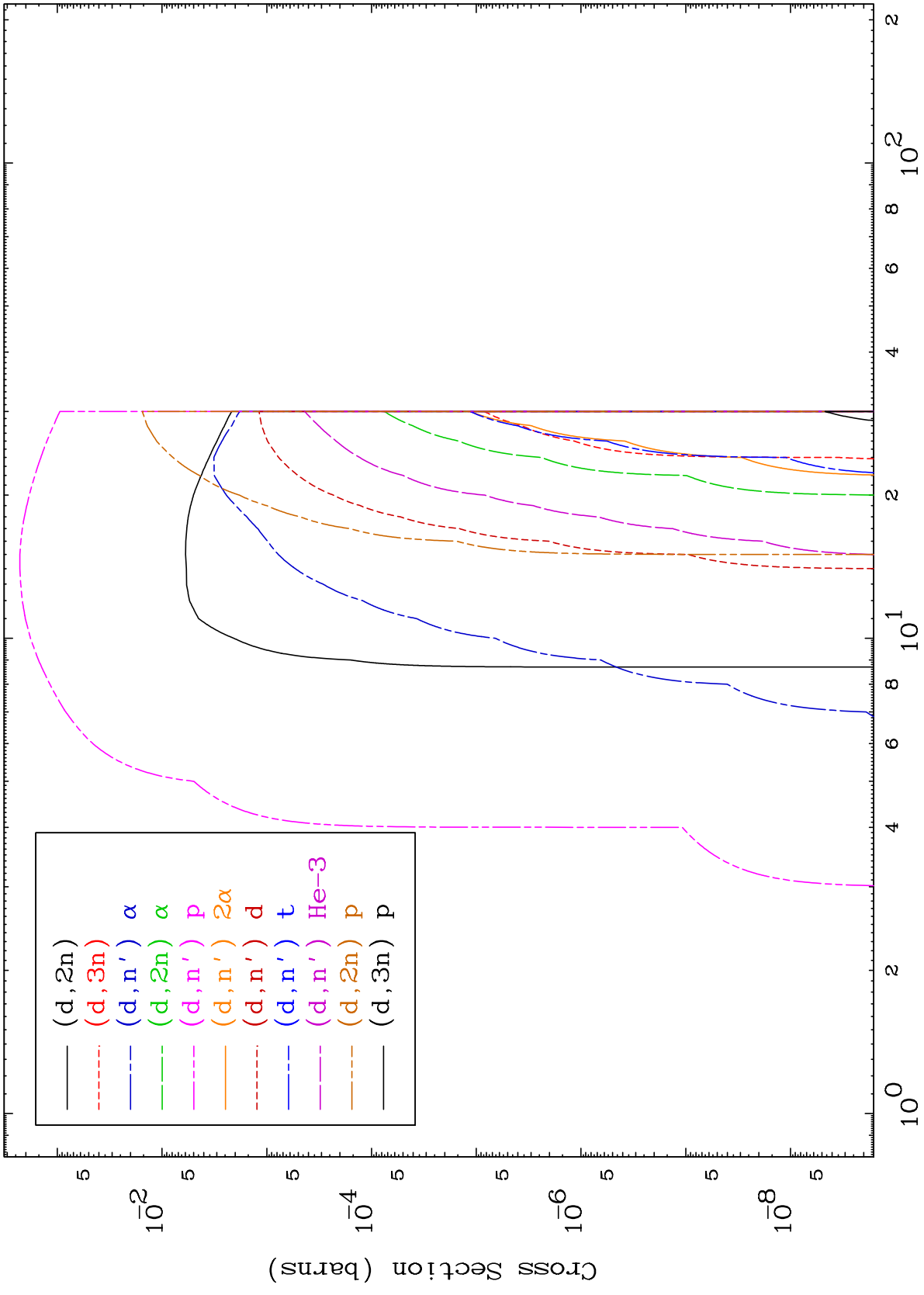
43-Tc-90



1

Incident Energy (MeV)

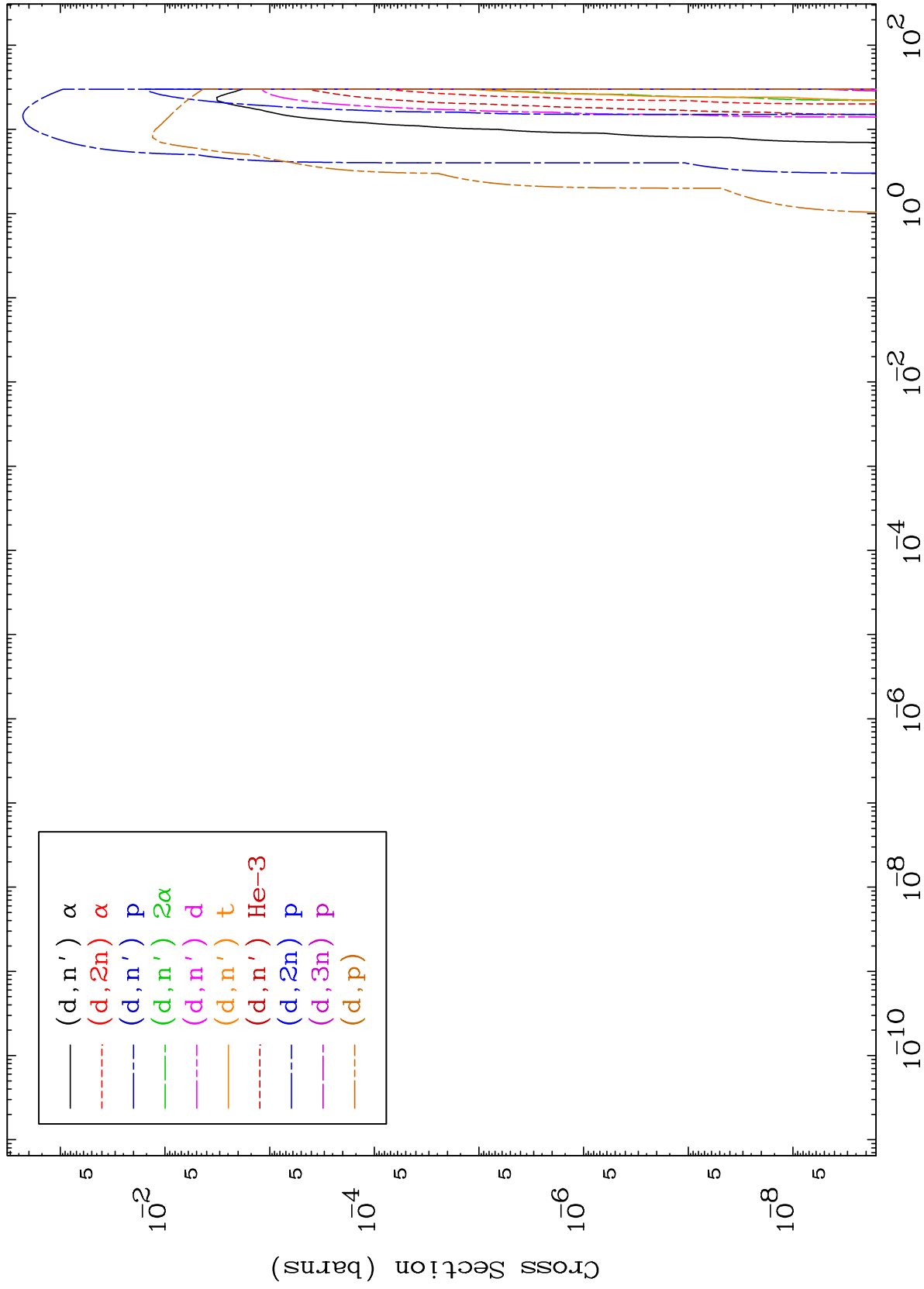
43-Tc-90



MAT 4299

Deuteron Charged Particle
0 Kelvin Cross Sections

43-Tc-90



3

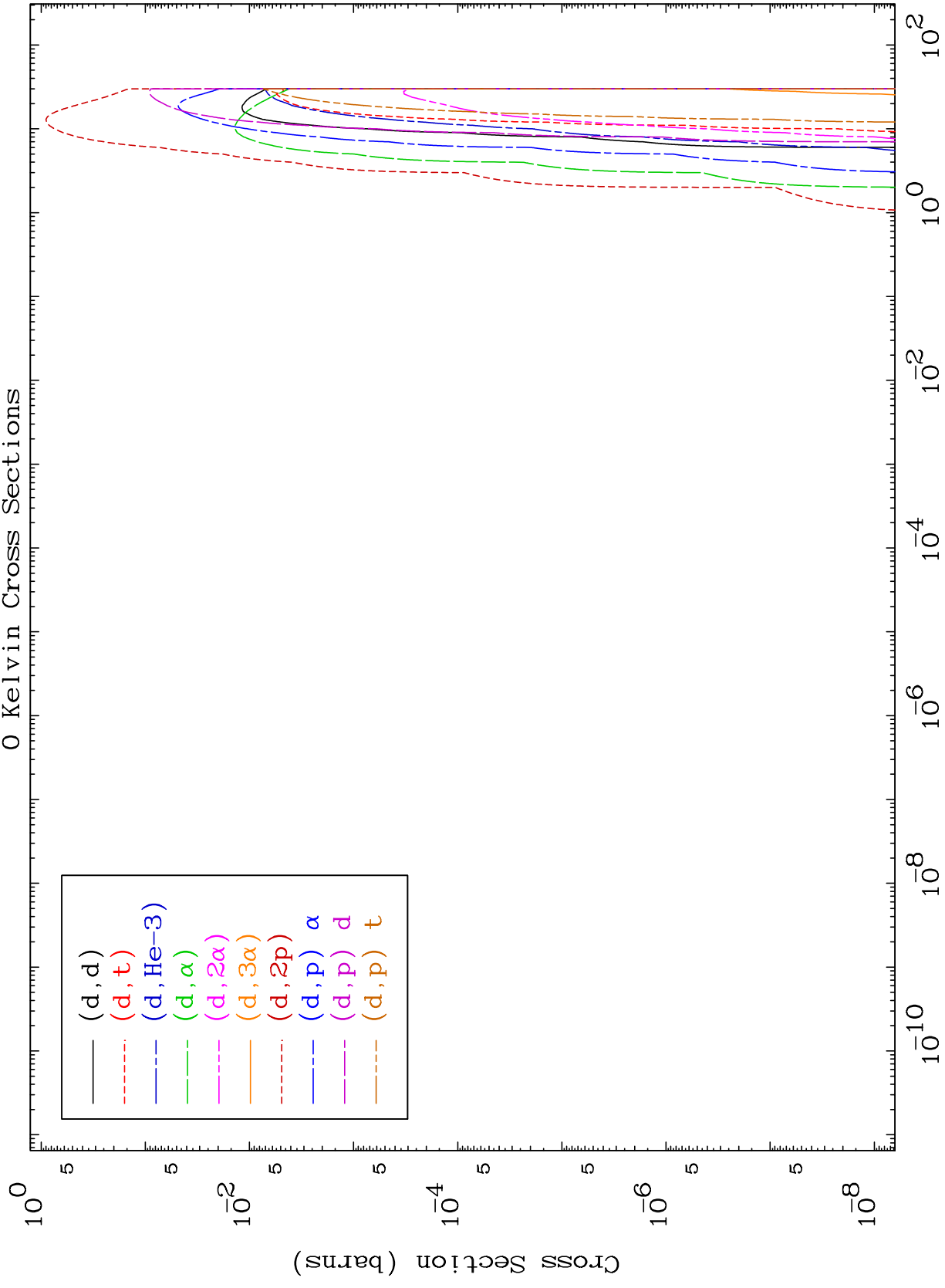
Incident Energy (MeV)

43-Tc-90

MAT 4299

Deuteron Charged Particle
0 Kelvin Cross Sections

43-Tc-90



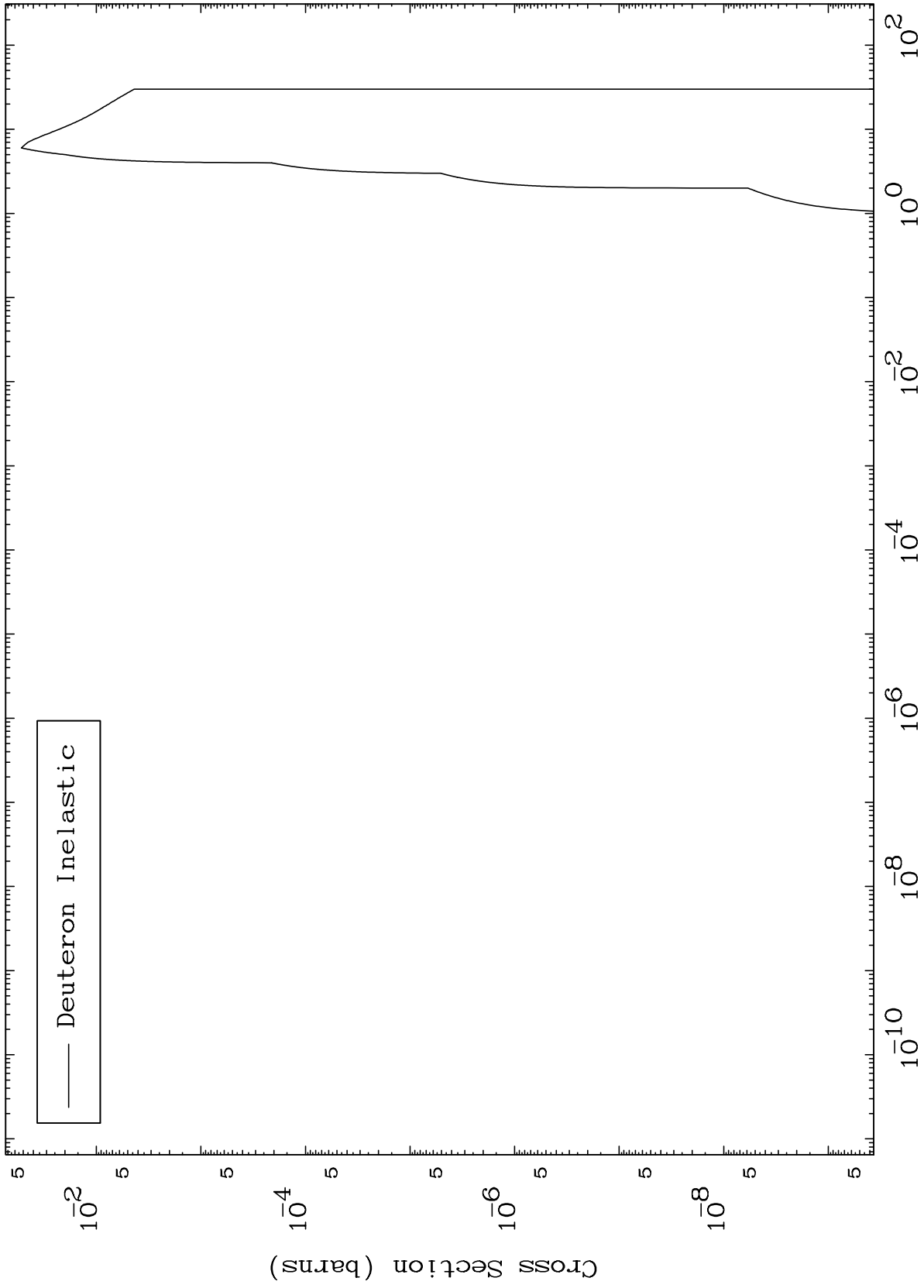
43-Tc-90

Incident Energy (MeV)

MAT 4299

(d,n') Level
0 Kelvin Cross Sections

43-Tc-90

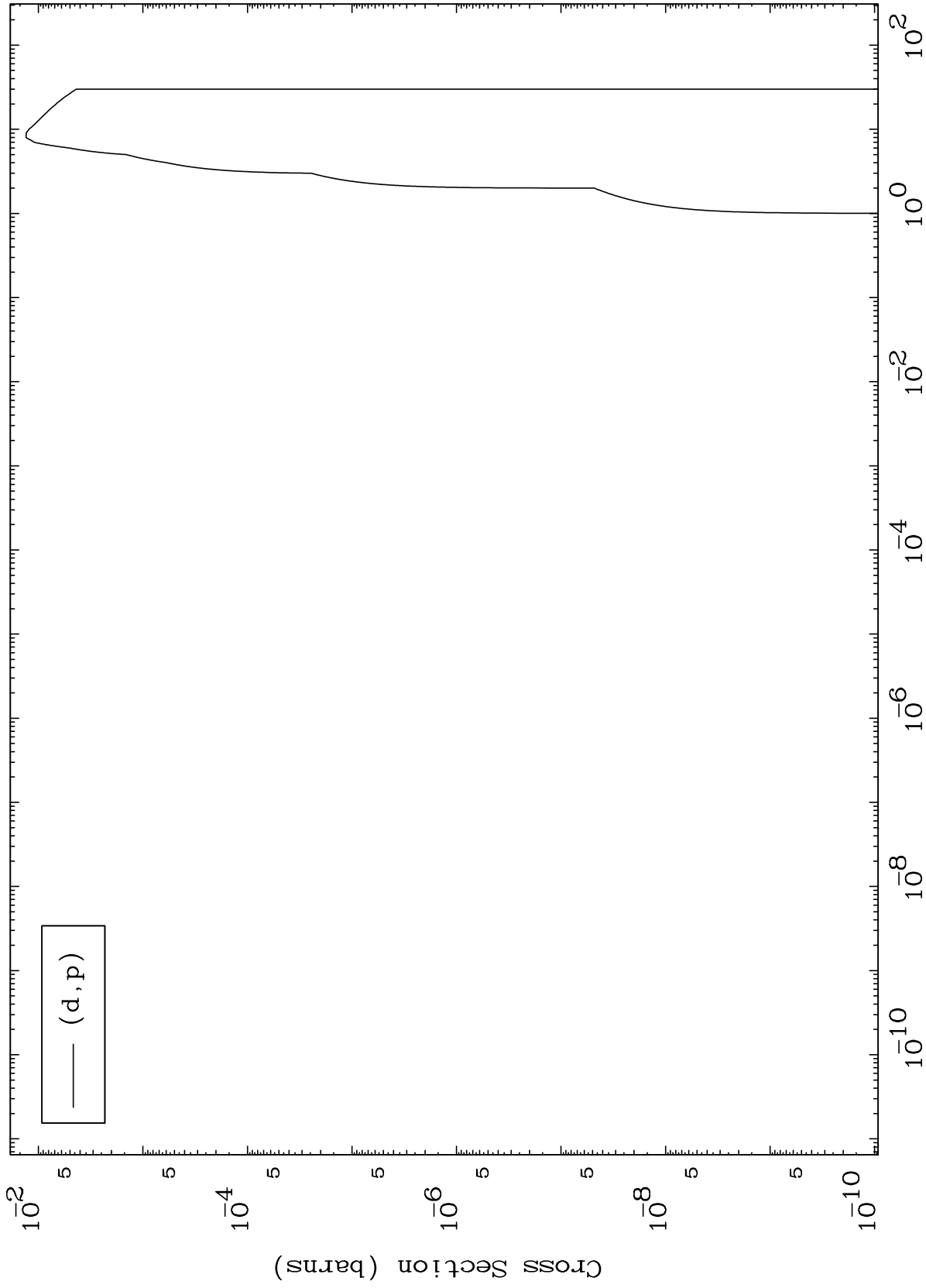


Deuteron Inelastic

MAT 4299

(d,p) Levels
0 Kelvin Cross Sections

43-Tc-90

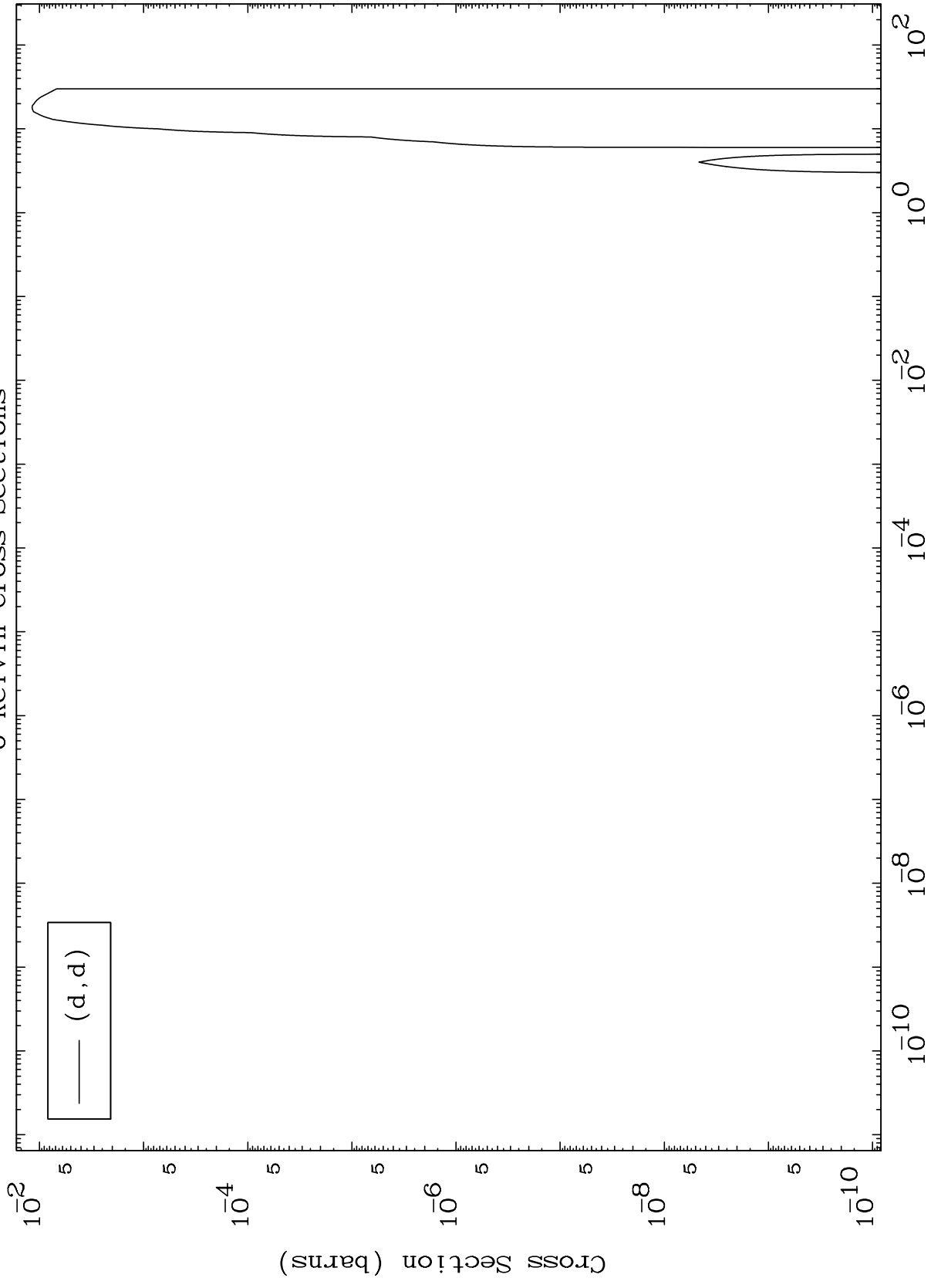


(d,p)

MAT 4299

(d,d) Levels
0 Kelvin Cross Sections

43-Tc-90



7

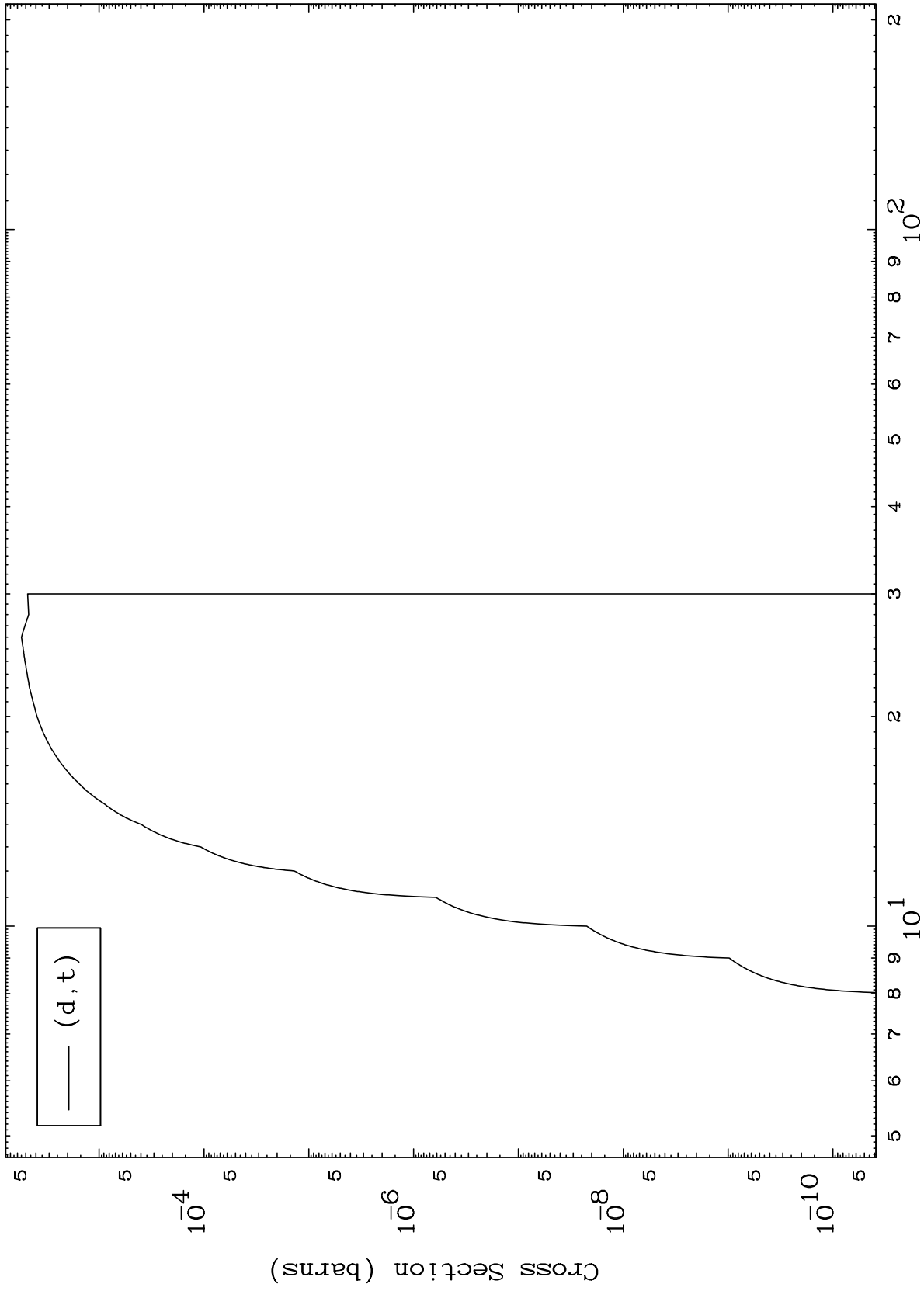
Incident Energy (MeV)

43-Tc-90

MAT 4299

(d,t) Levels
0 Kelvin Cross Sections

43-Tc-90



8

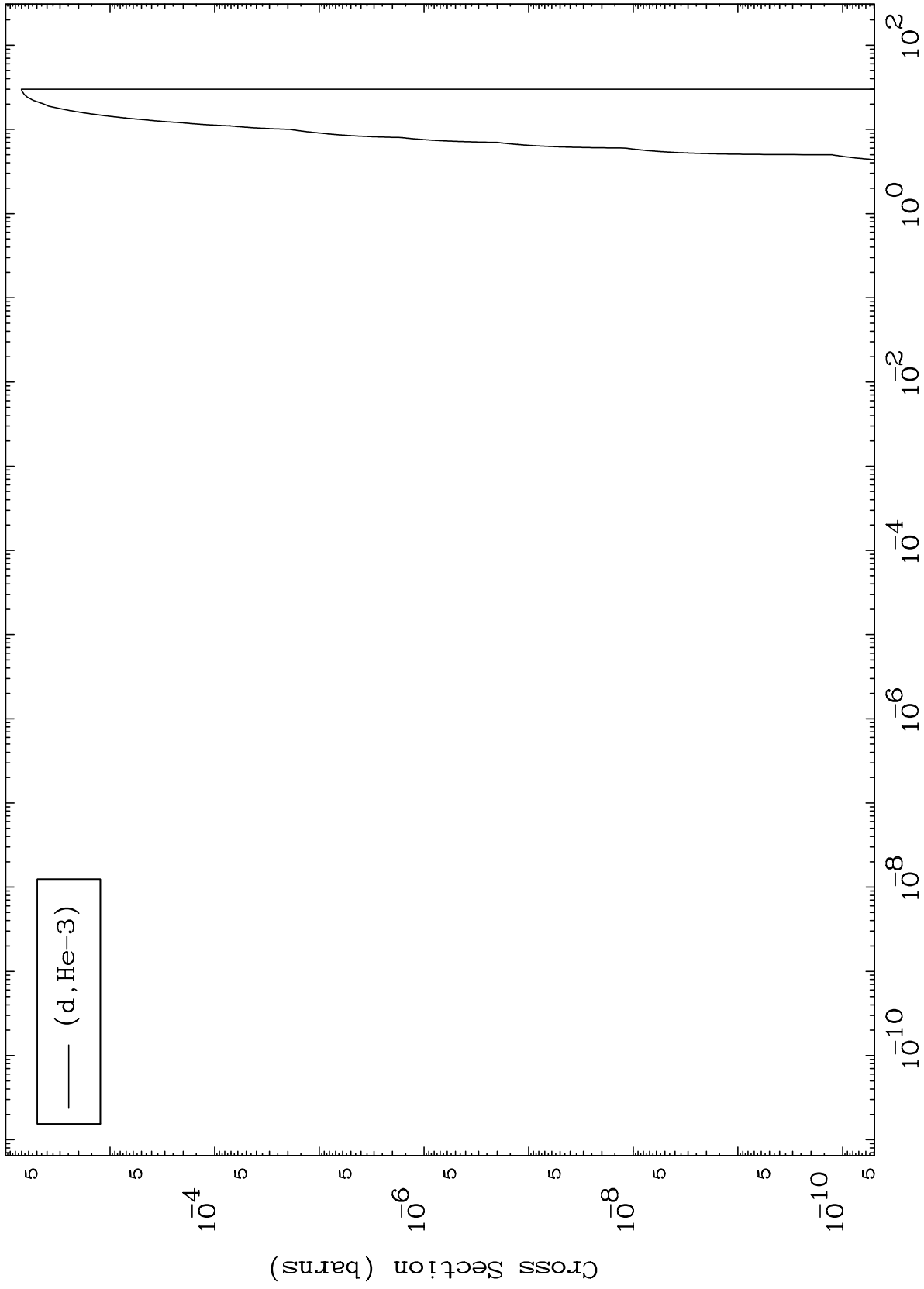
Incident Energy (MeV)

43-Tc-90

MAT 4299

(d,He3) Levels
0 Kelvin Cross Sections

43-Tc-90



9

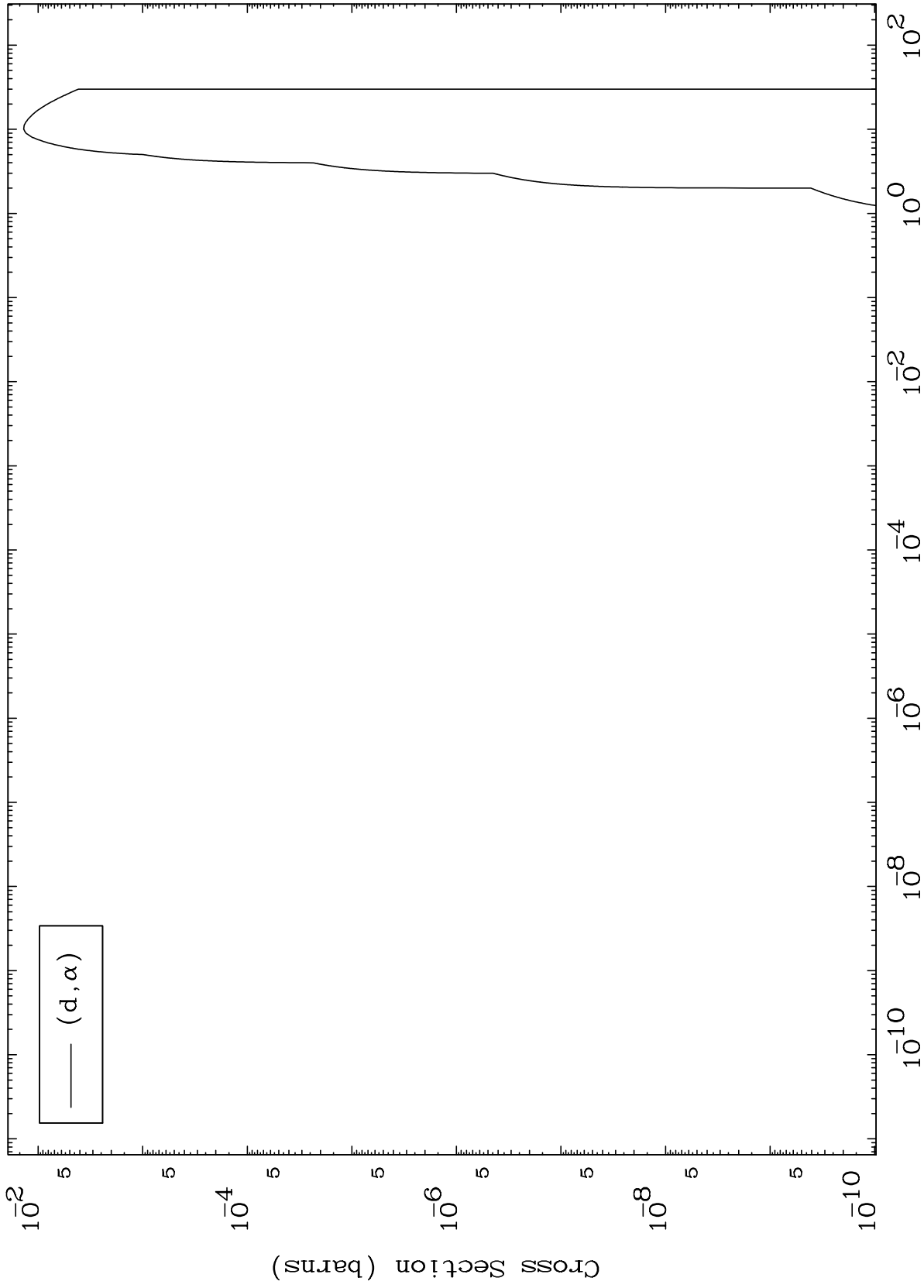
Incident Energy (MeV)

43-Tc-90

MAT 4299

(d, α) Levels
0 Kelvin Cross Sections

43-Tc-90

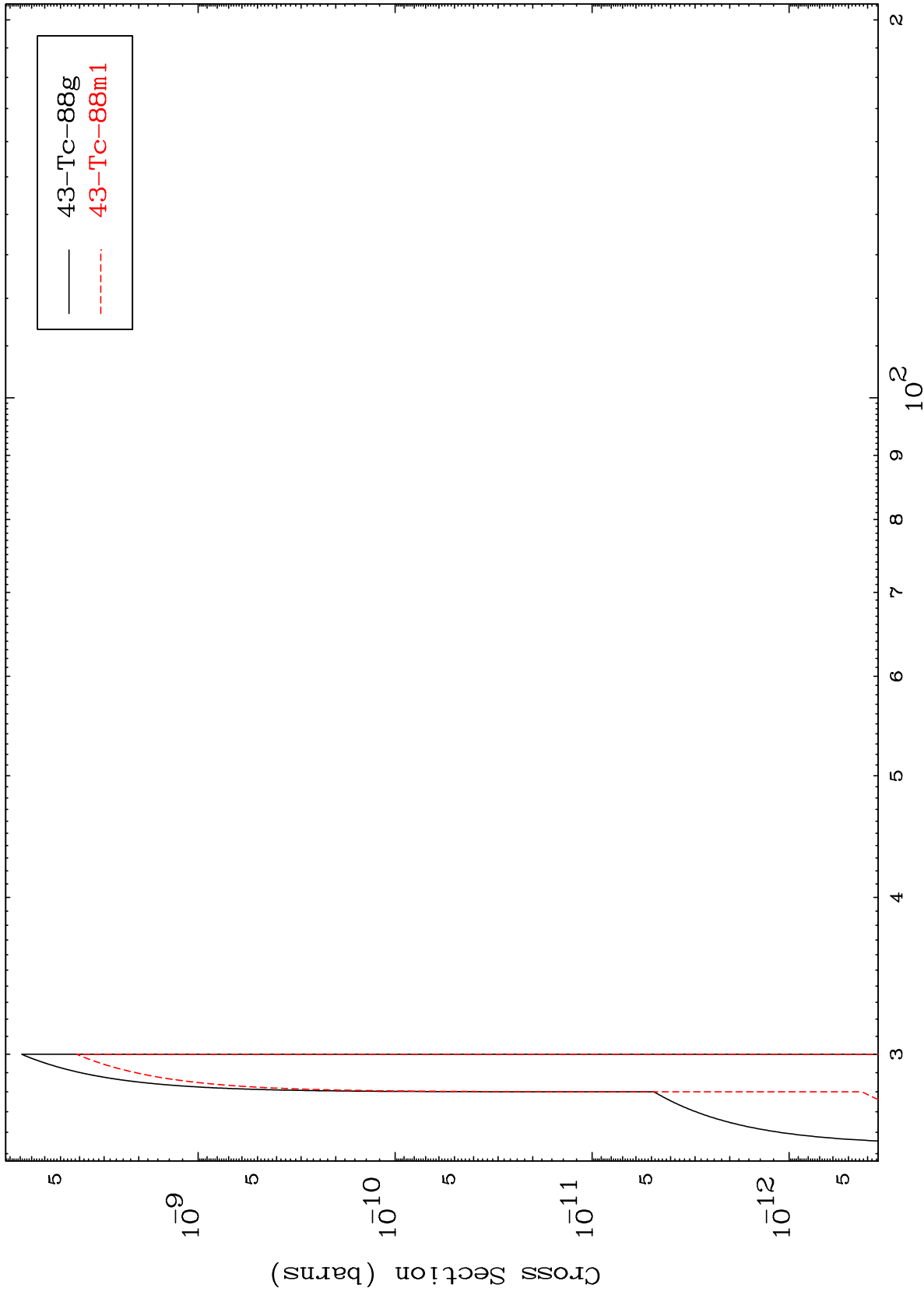


MAT 4299

(d,2n) d

43-Tc-90

Radionuclide Production Cross Section



11

Incident Energy (MeV)

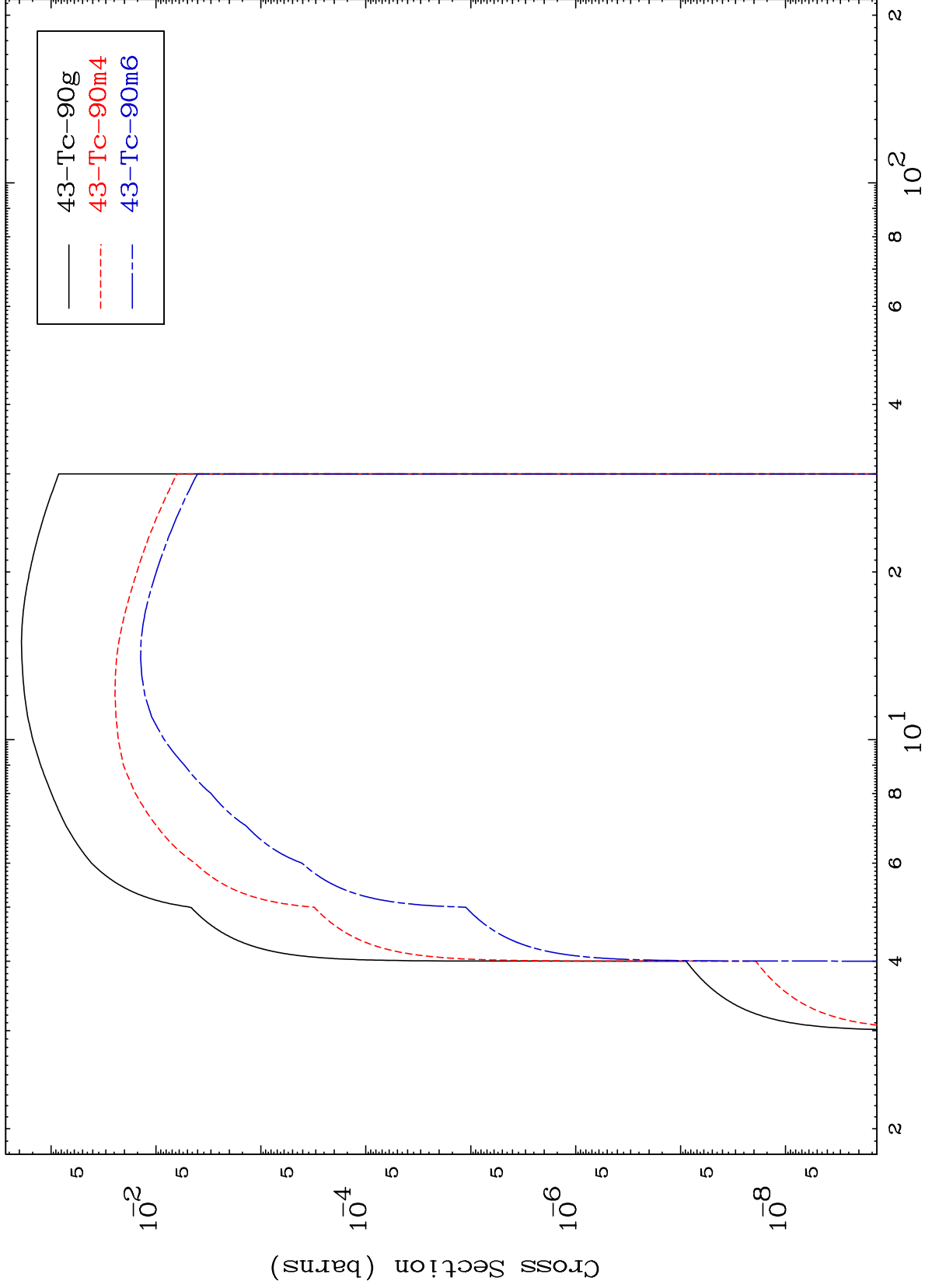
43-Tc-90

MAT 4299

(d,n') p

⁴³Tc-90

Radionuclide Production Cross Section



12

Incident Energy (MeV)

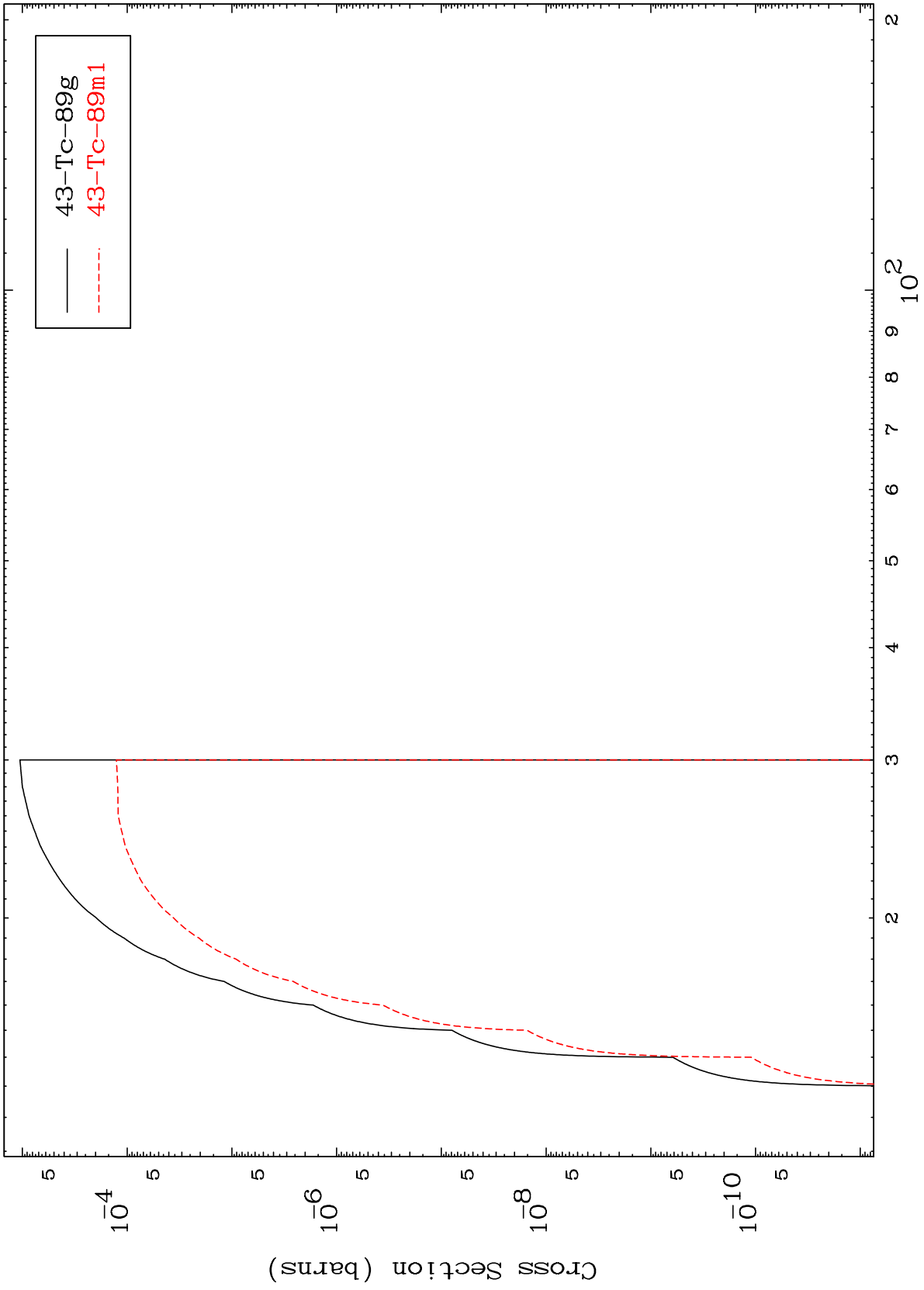
⁴³Tc-90

MAT 4299

(d,n') d

43-Tc-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

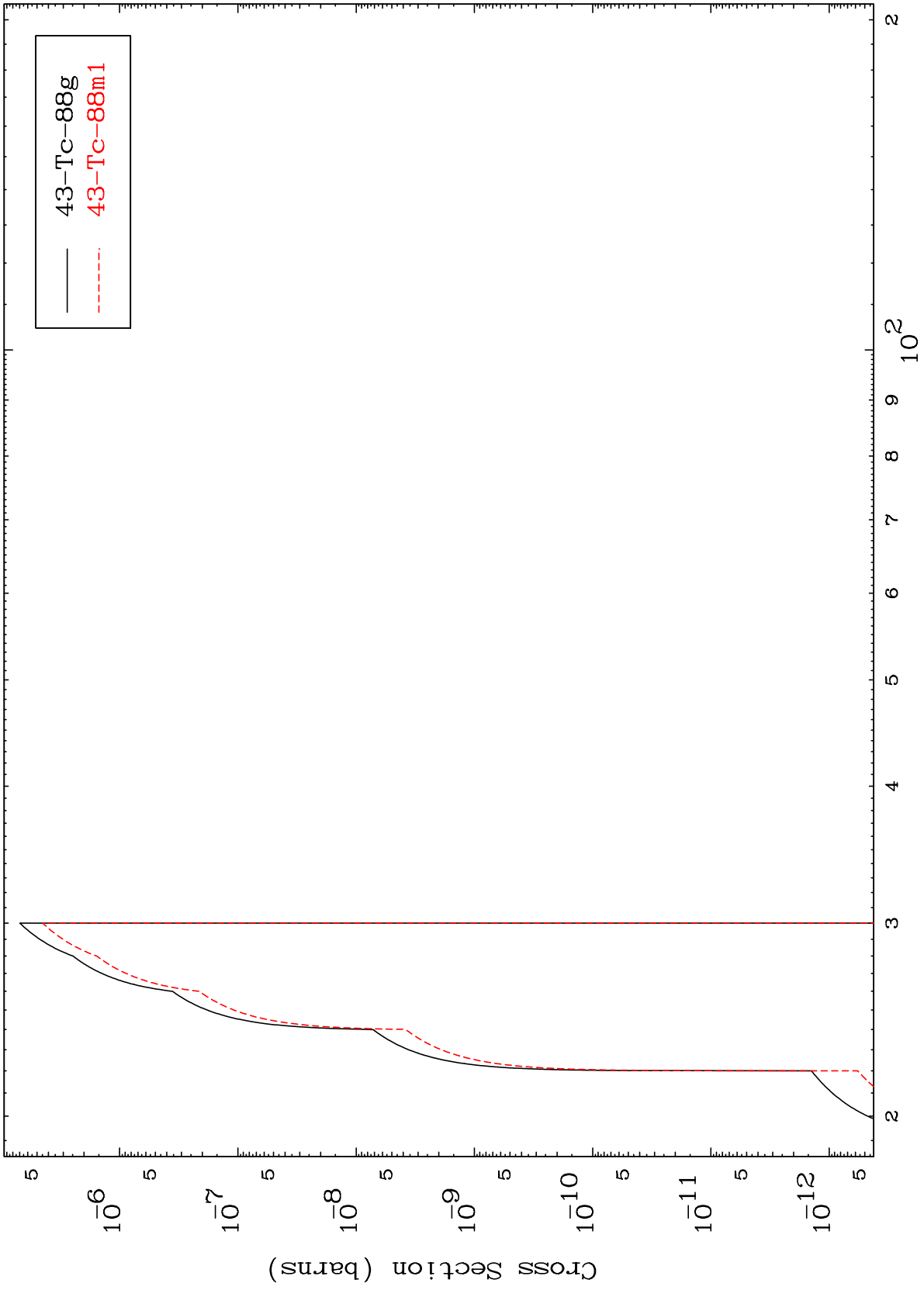
43-Tc-90

MAT 4299

(d,n') t

43-Tc-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

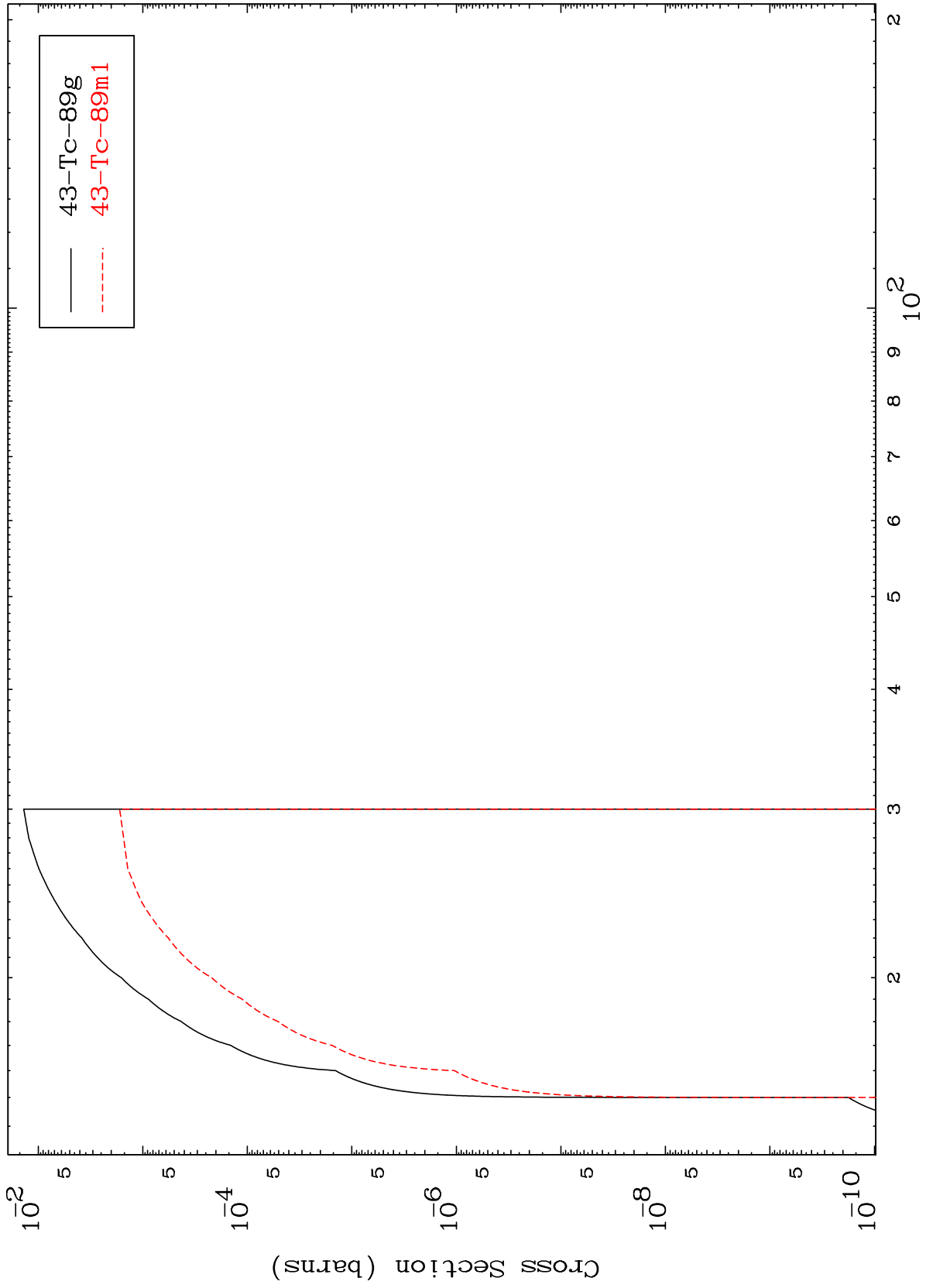
43-Tc-90

MAT 4299

(d,2n) p

⁴³Tc-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

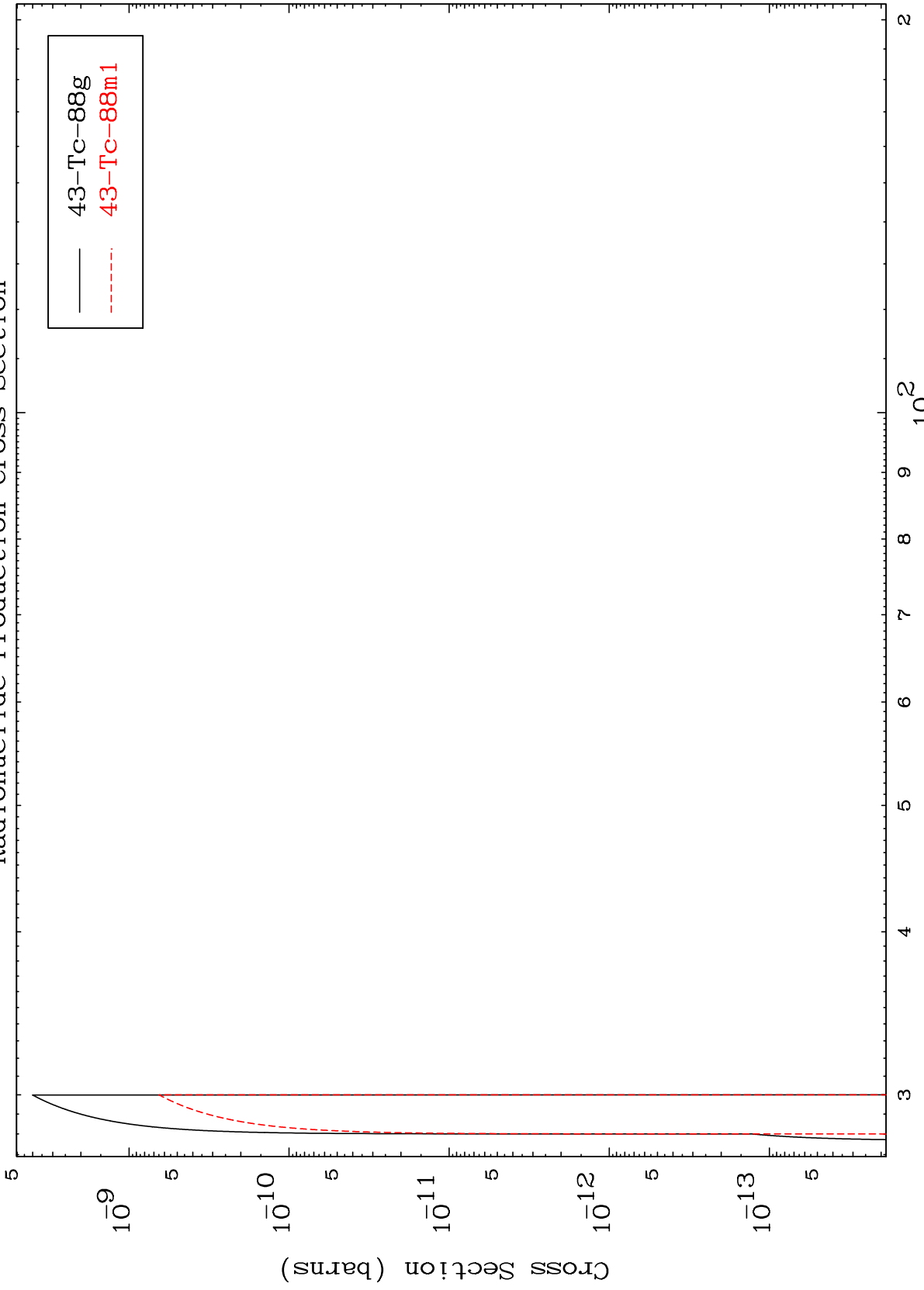
⁴³Tc-90

MAT 4299

(d,3n) p

43-Tc-90

Radionuclide Production Cross Section



16

Incident Energy (MeV)

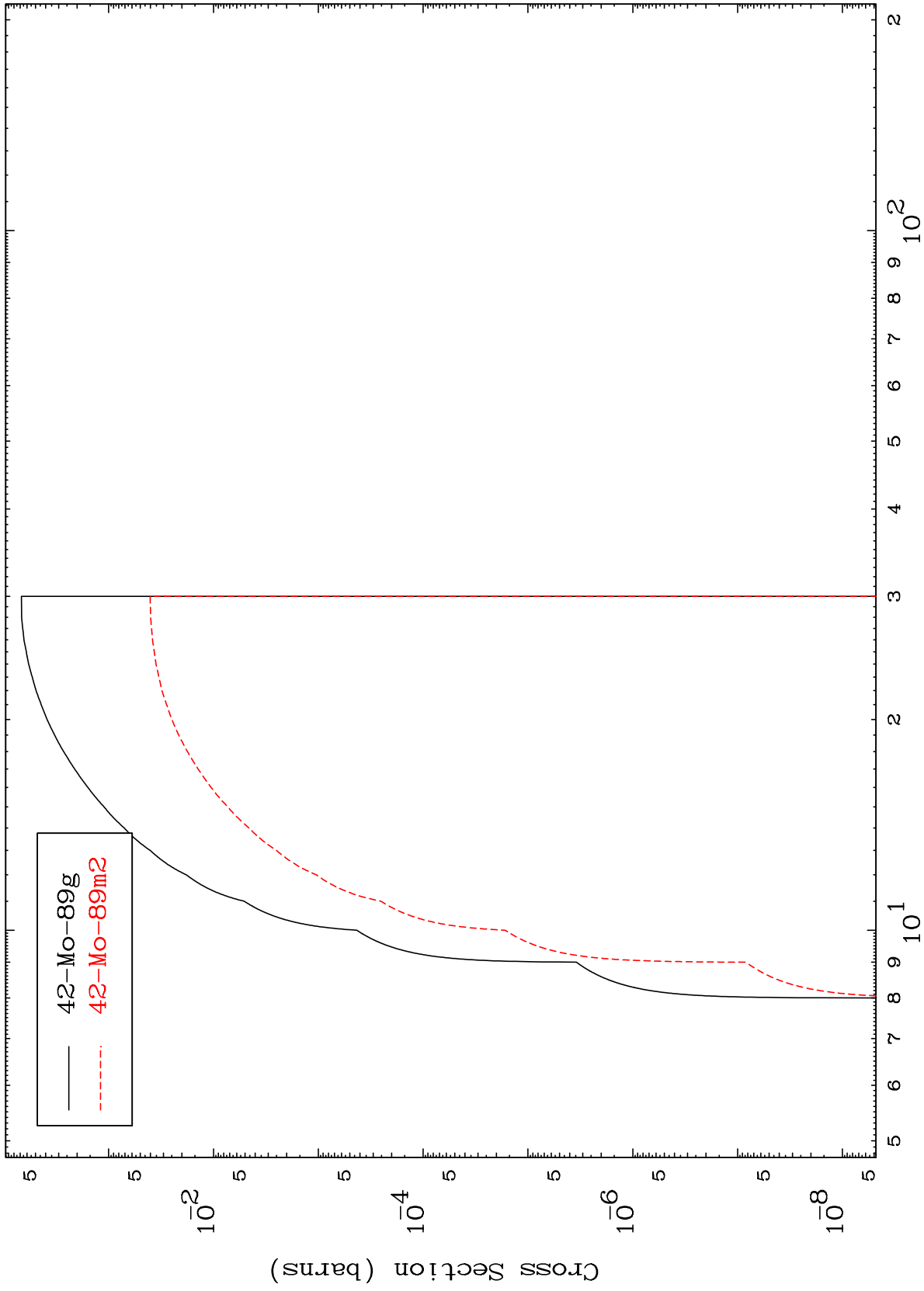
43-Tc-90

MAT 4299

(d,2n) p

43-Tc-90

Radionuclide Production Cross Section



17

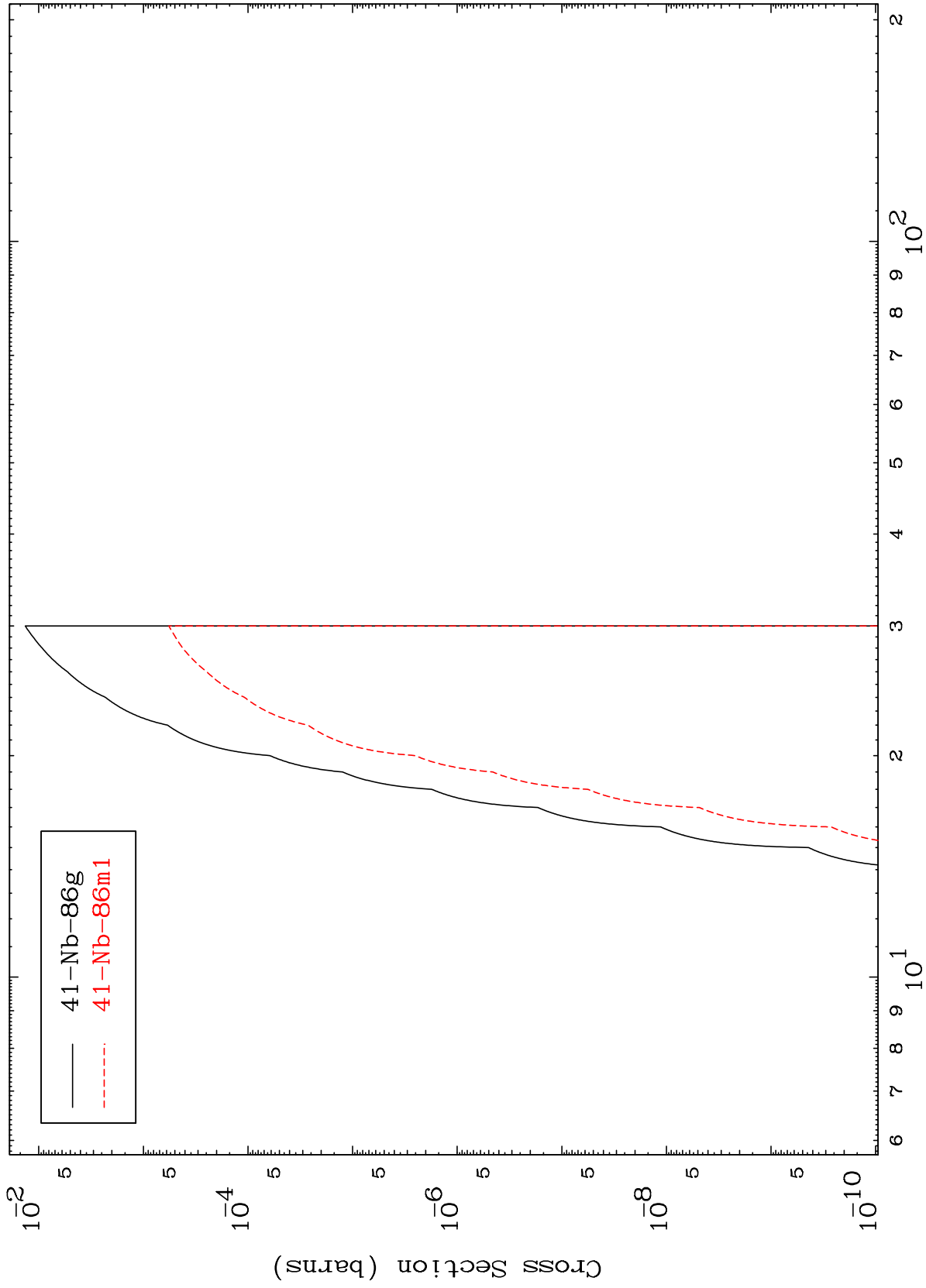
Incident Energy (MeV)

43-Tc-90

MAT 4299

43-Tc-90

(d,n') p α
Radionuclide Production Cross Section



41-Nb-86g
41-Nb-86m1

18

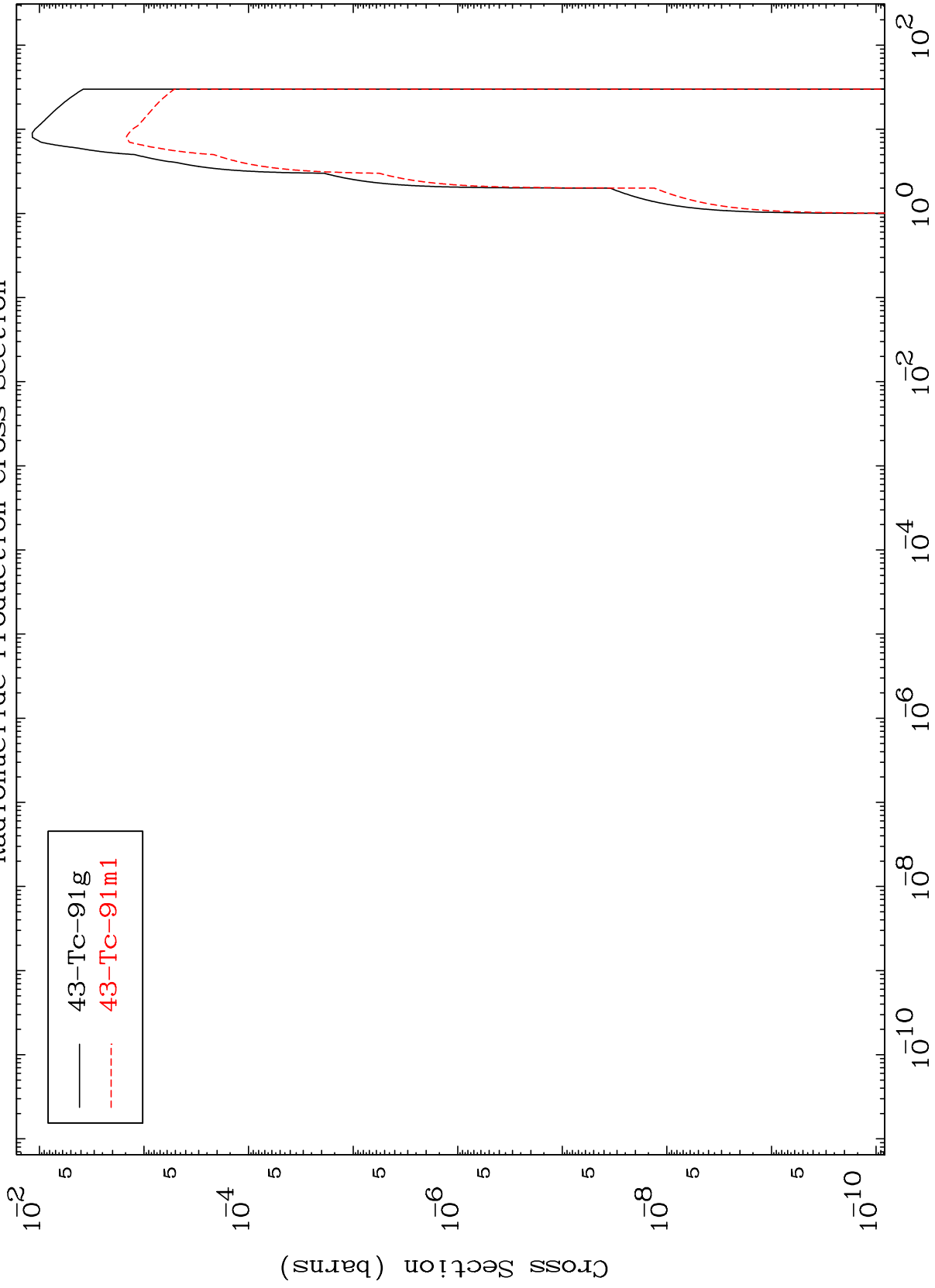
Incident Energy (MeV)

43-Tc-90

MAT 4299

(d,p)
Radionuclide Production Cross Section

⁴³Tc-90



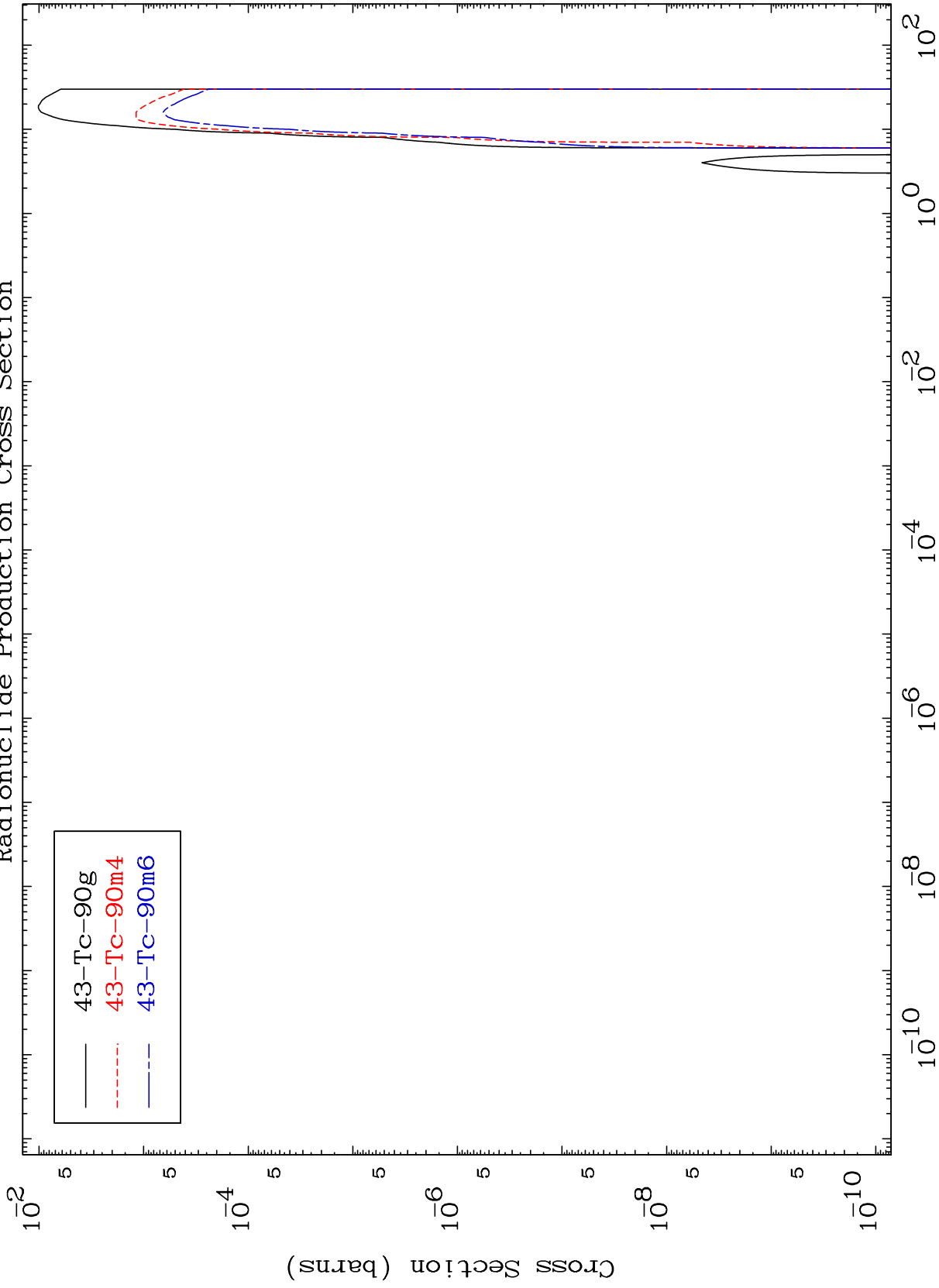
— 43-Tc-91g
- - - 43-Tc-91m1

MAT 4299

(d,d)

⁴³Tc-90

Radionuclide Production Cross Section



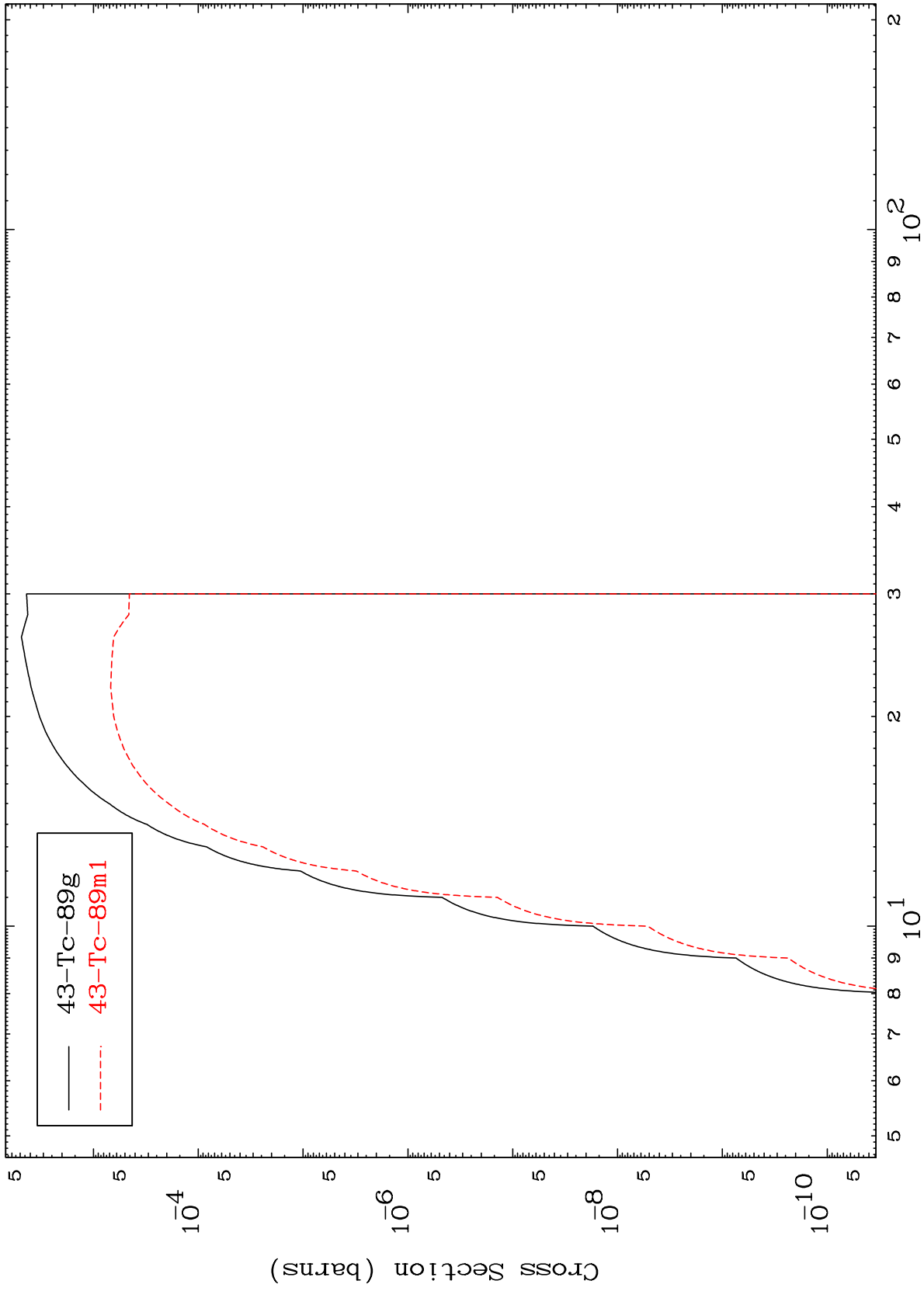
20

MAT 4299

(d, t)

⁴³Tc-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

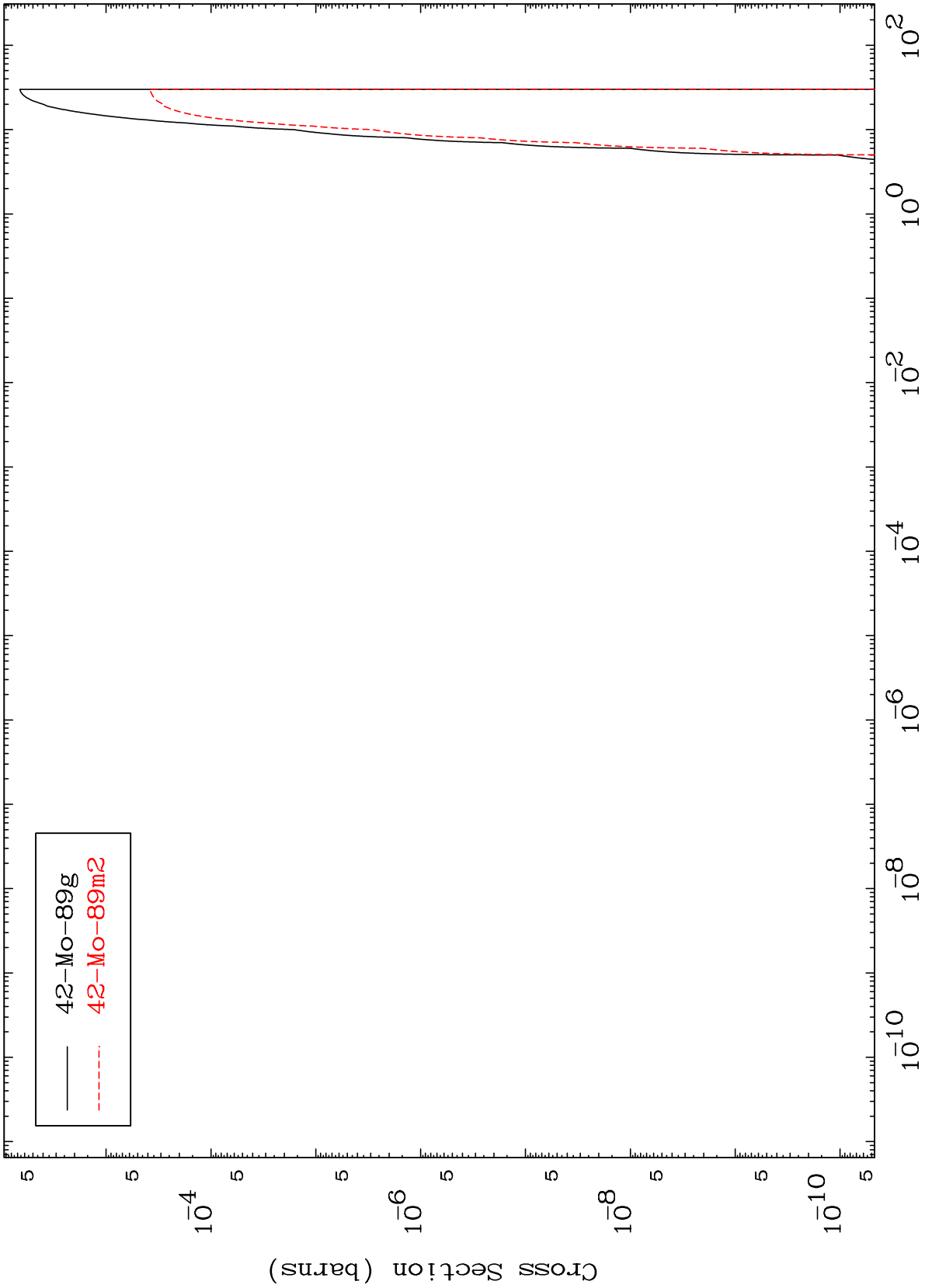
⁴³Tc-90

MAT 4299

(d, He-3)

43-Tc-90

Radionuclide Production Cross Section



22

Incident Energy (MeV)

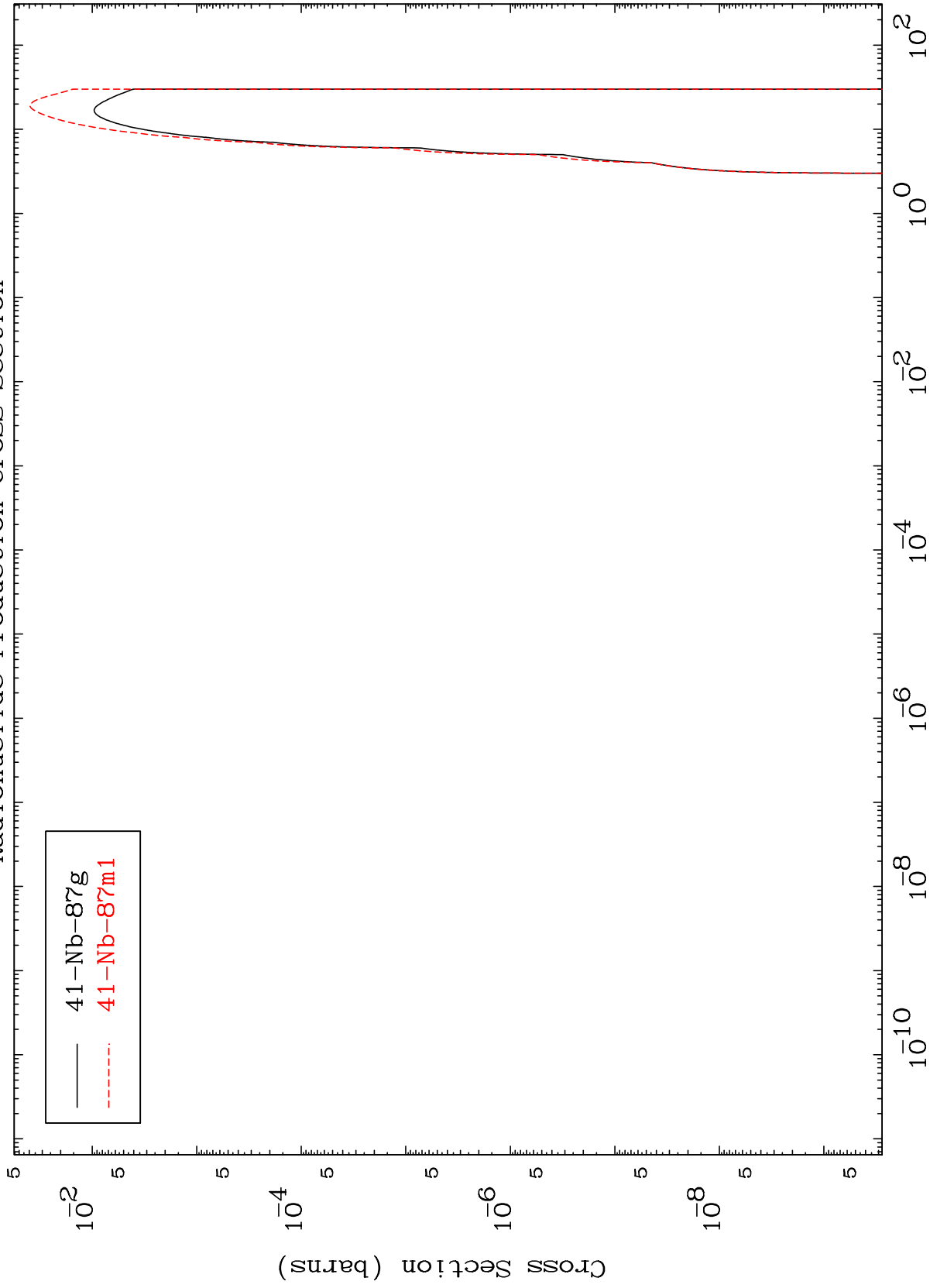
43-Tc-90

MAT 4299

(d,p) α

43-Tc-90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

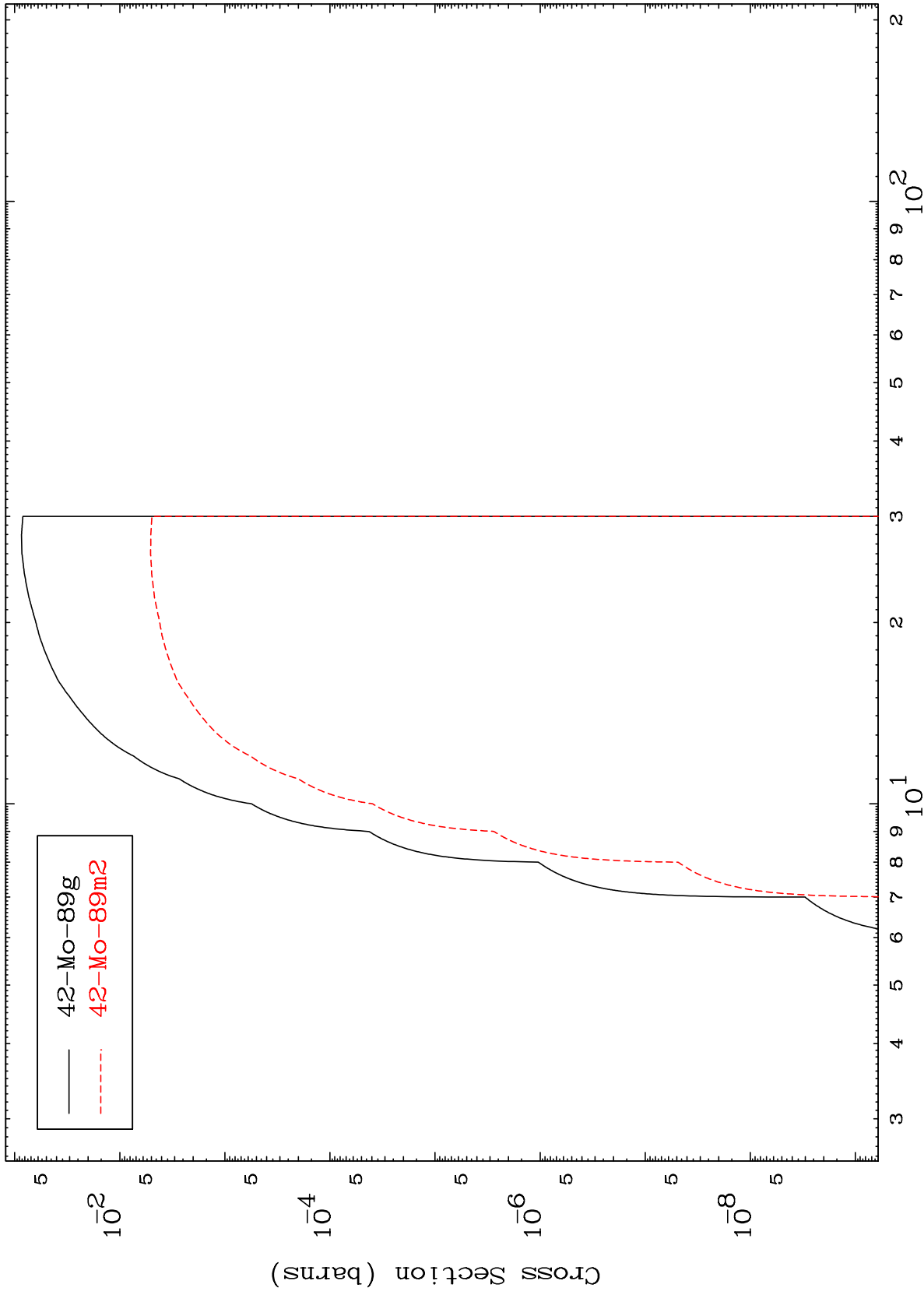
43-Tc-90

MAT 4299

(d,p) d

43-Tc-90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

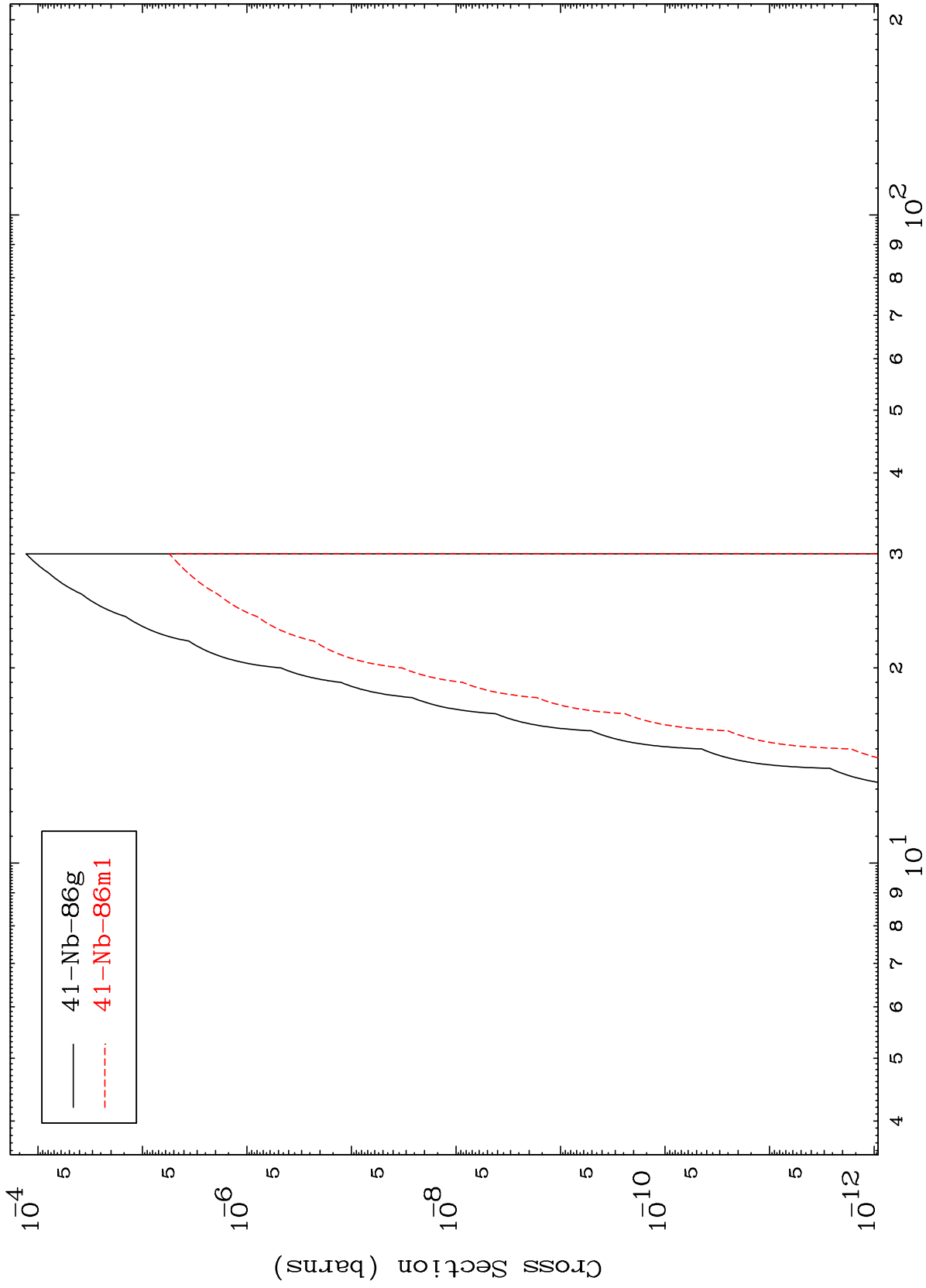
43-Tc-90

MAT 4299

(d,d) α

43-Tc-90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

43-Tc-90