

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

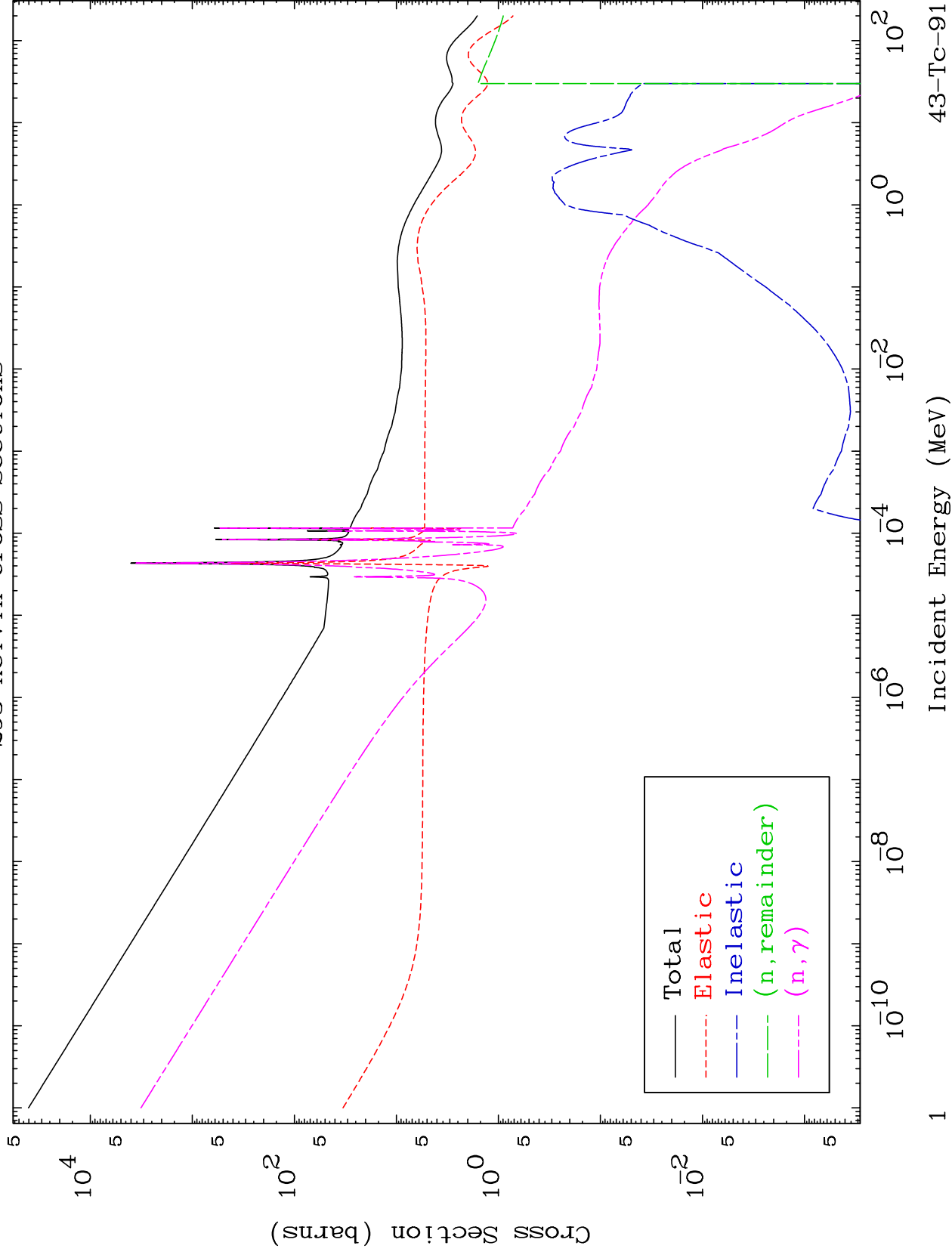
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4302

Major
293 Kelvin Cross Sections

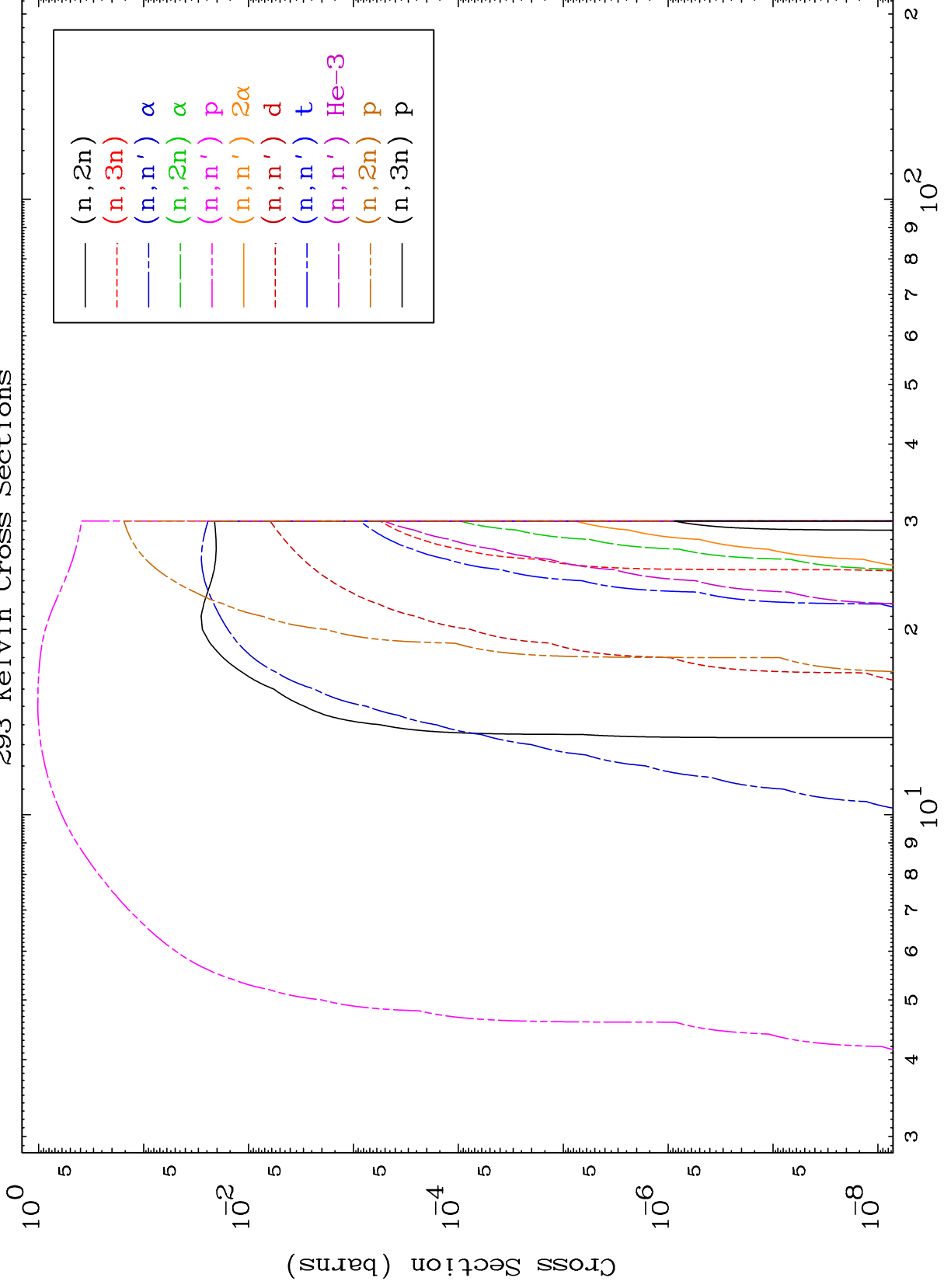
43-Tc-91



MAT 4302

Neutron Production
293 Kelvin Cross Sections

43-Tc-91



2

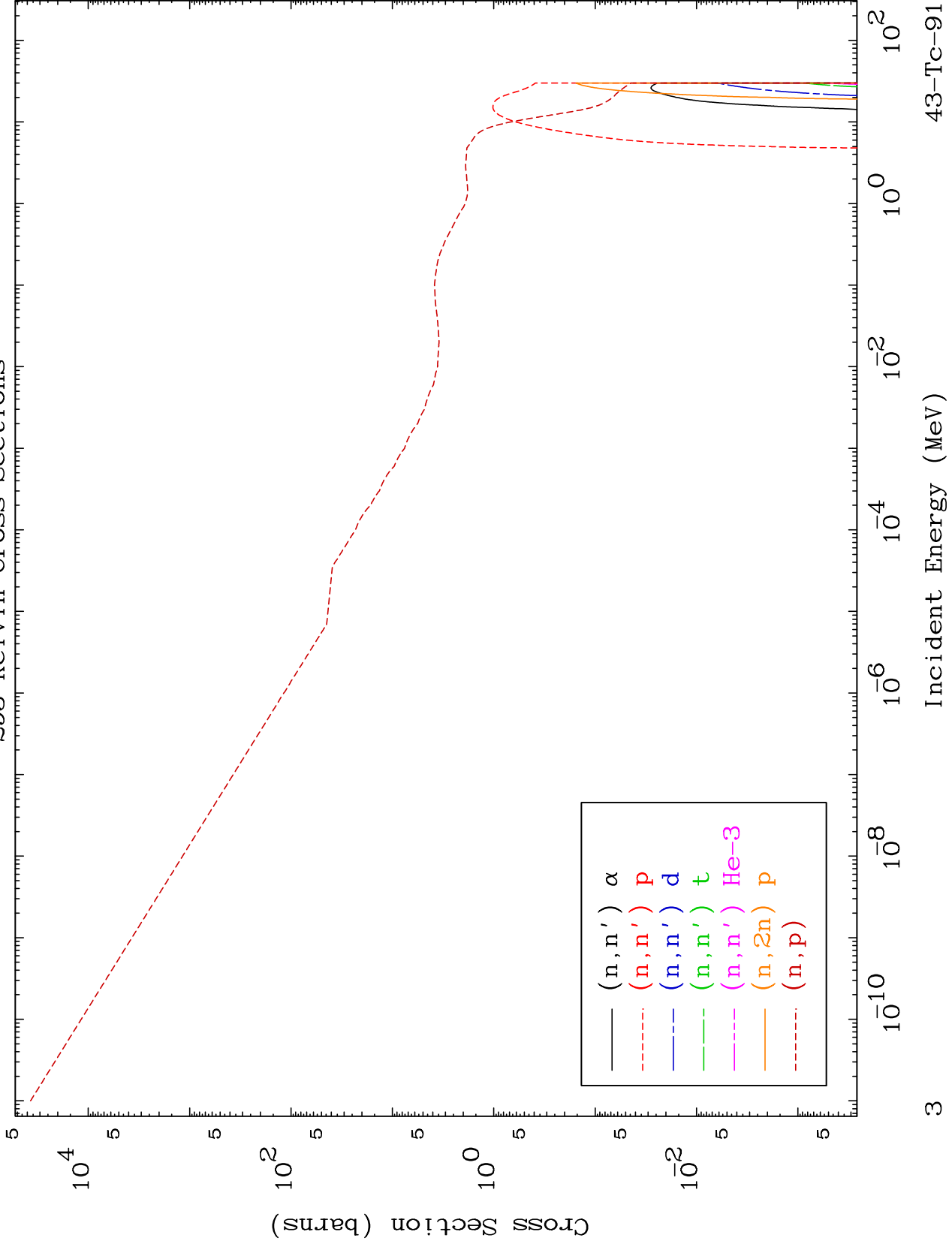
Incident Energy (MeV)

43-Tc-91

MAT 4302

Charged Particle
293 Kelvin Cross Sections

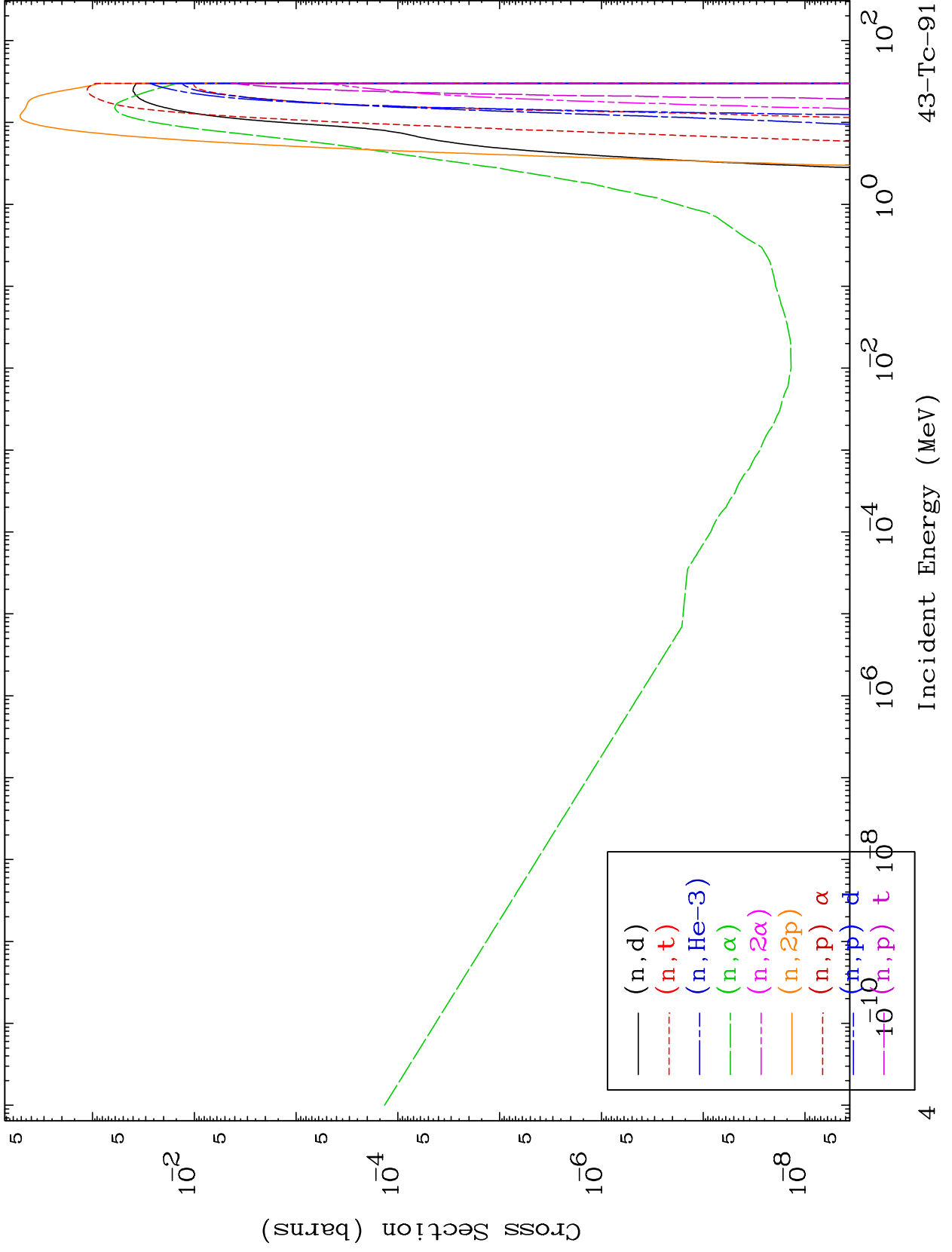
43-Tc-91



MAT 4302

Charged Particle
293 Kelvin Cross Sections

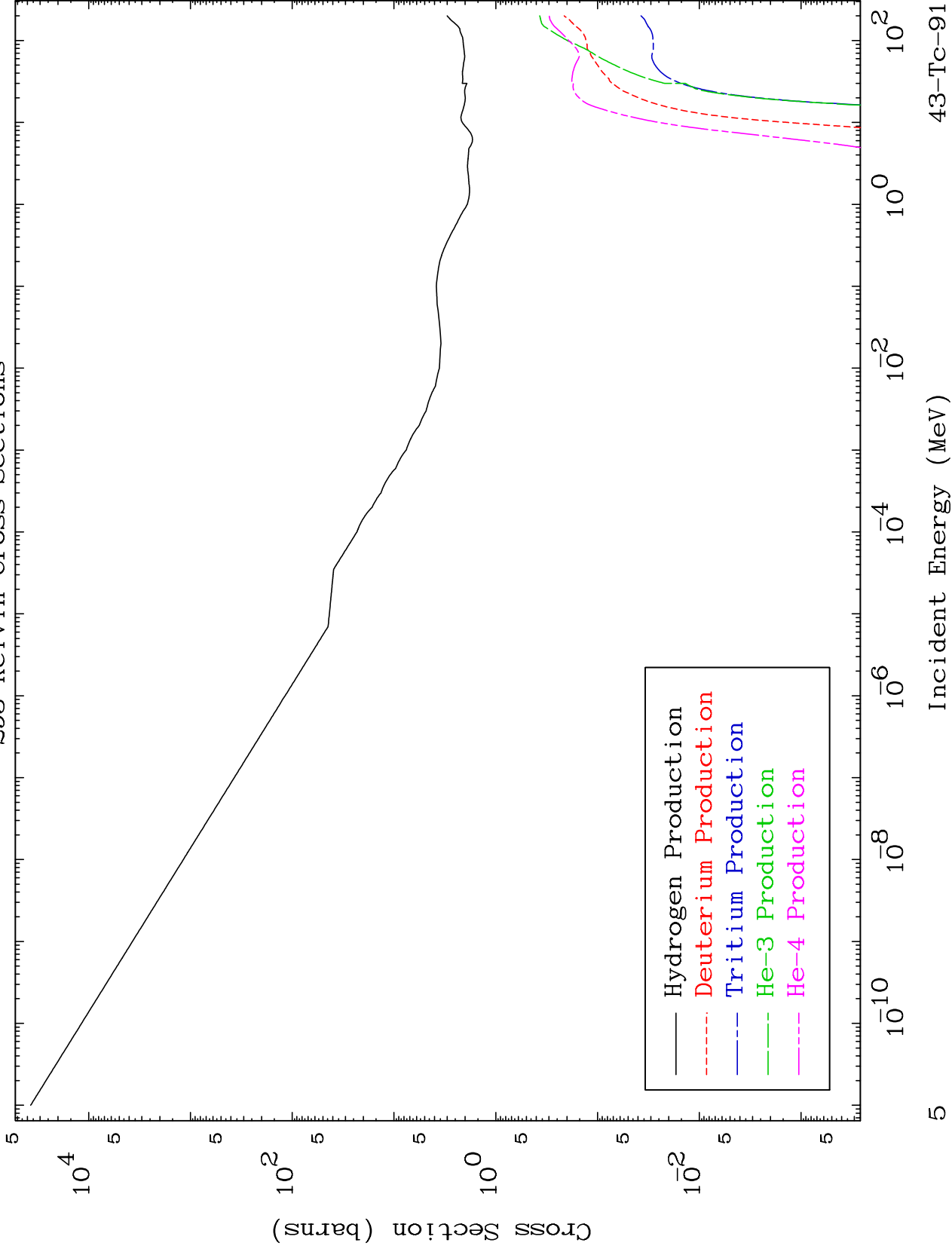
43-Tc-91



MAT 4302

Particle Production
293 Kelvin Cross Sections

43-Tc-91

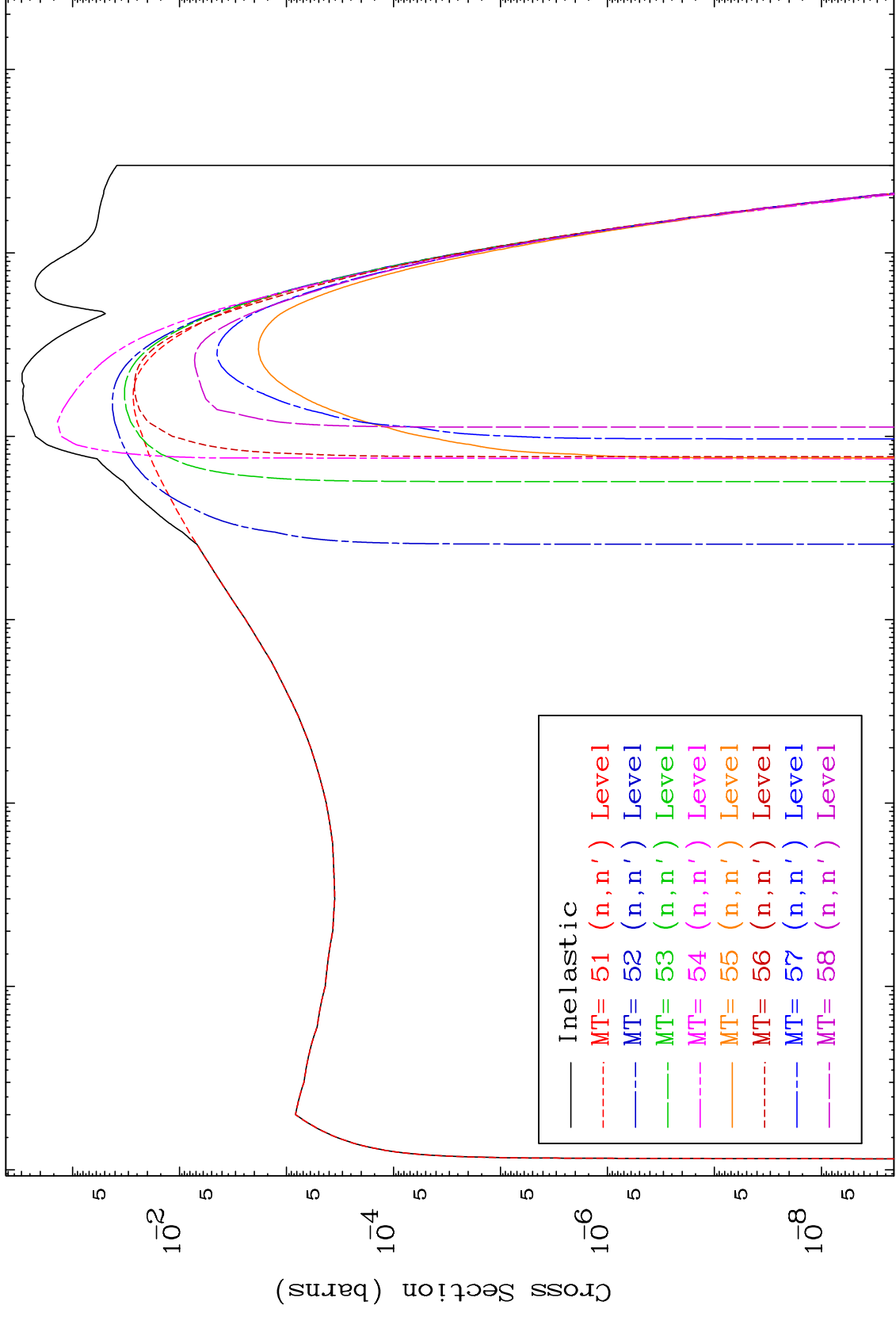


MAT 4302

(n,n') Level

43-Tc-91

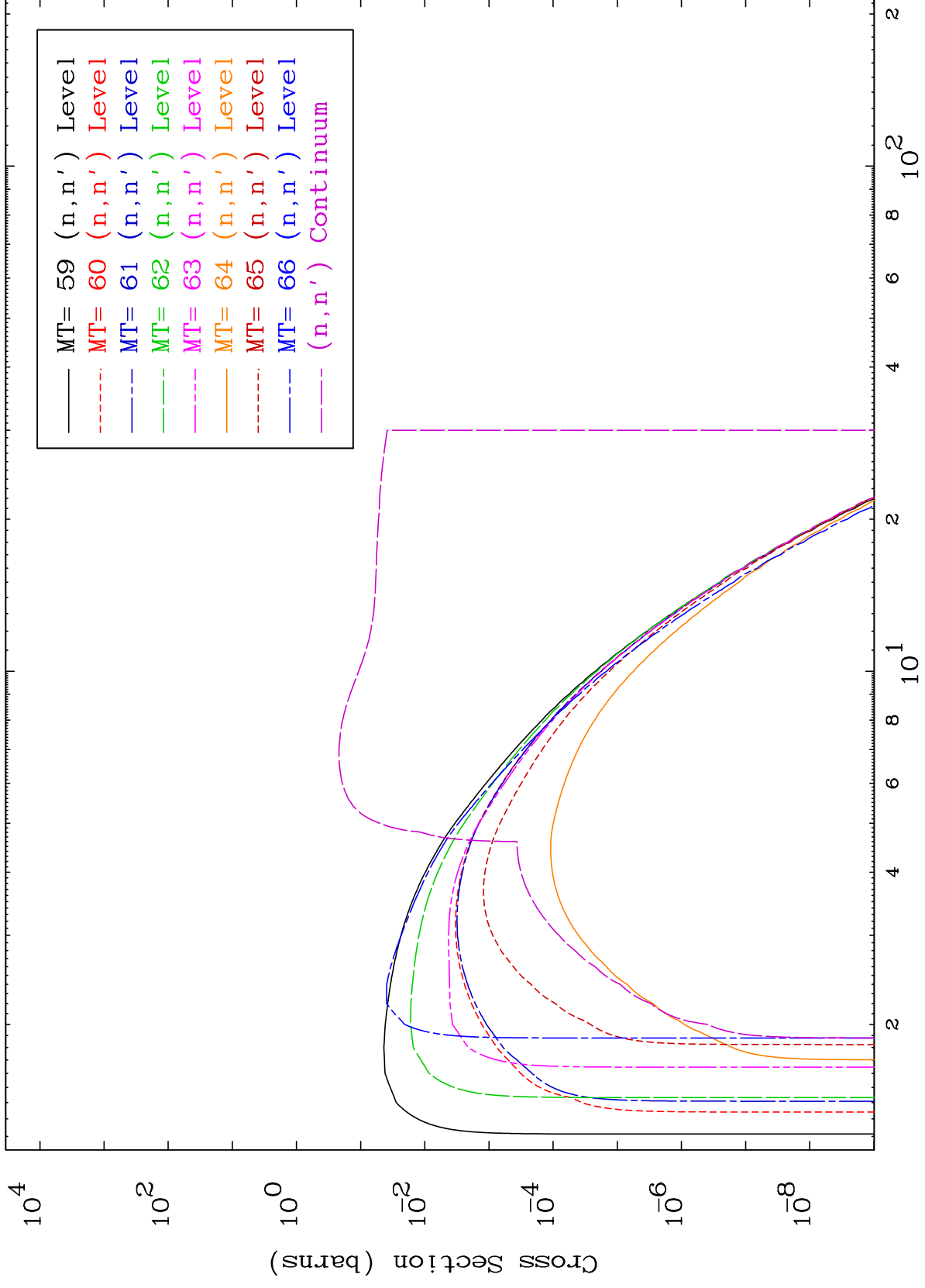
293 Kelvin Cross Sections



43-Tc-91

Incident Energy (MeV)

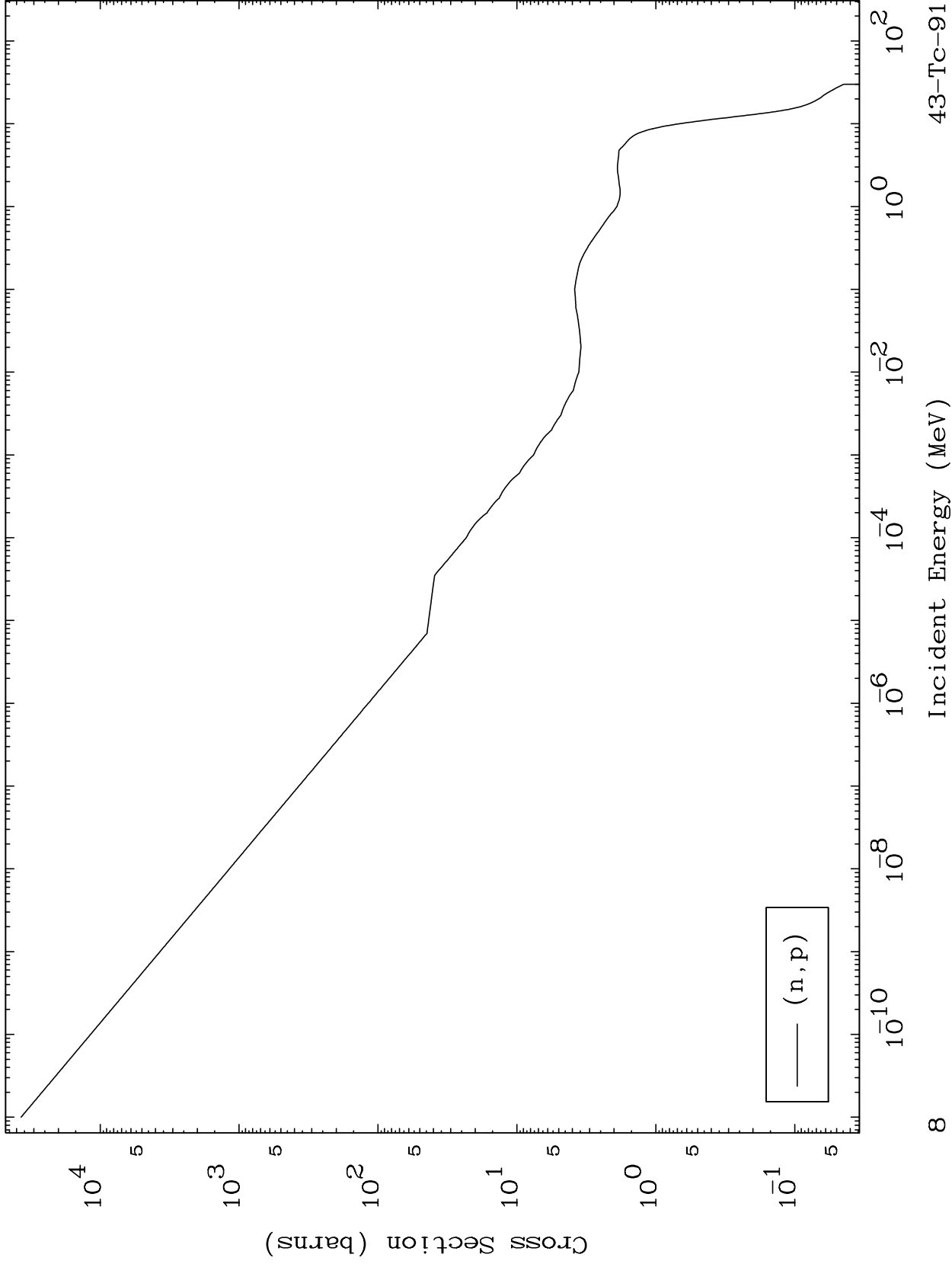
293 Kelvin Cross Sections



MAT 4302

(n,p) Levels
293 Kelvin Cross Sections

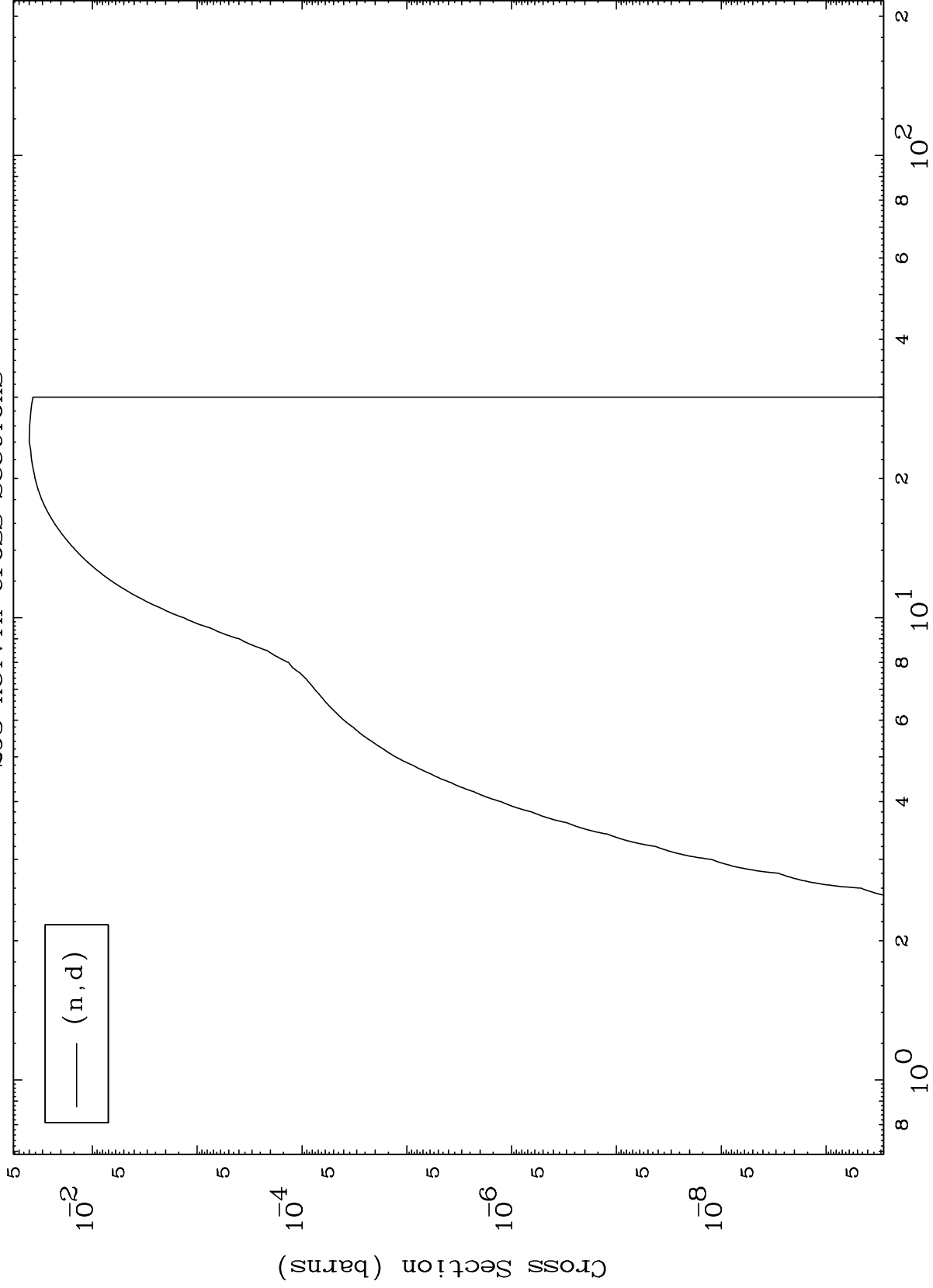
43-Tc-91



MAT 4302

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-91



9

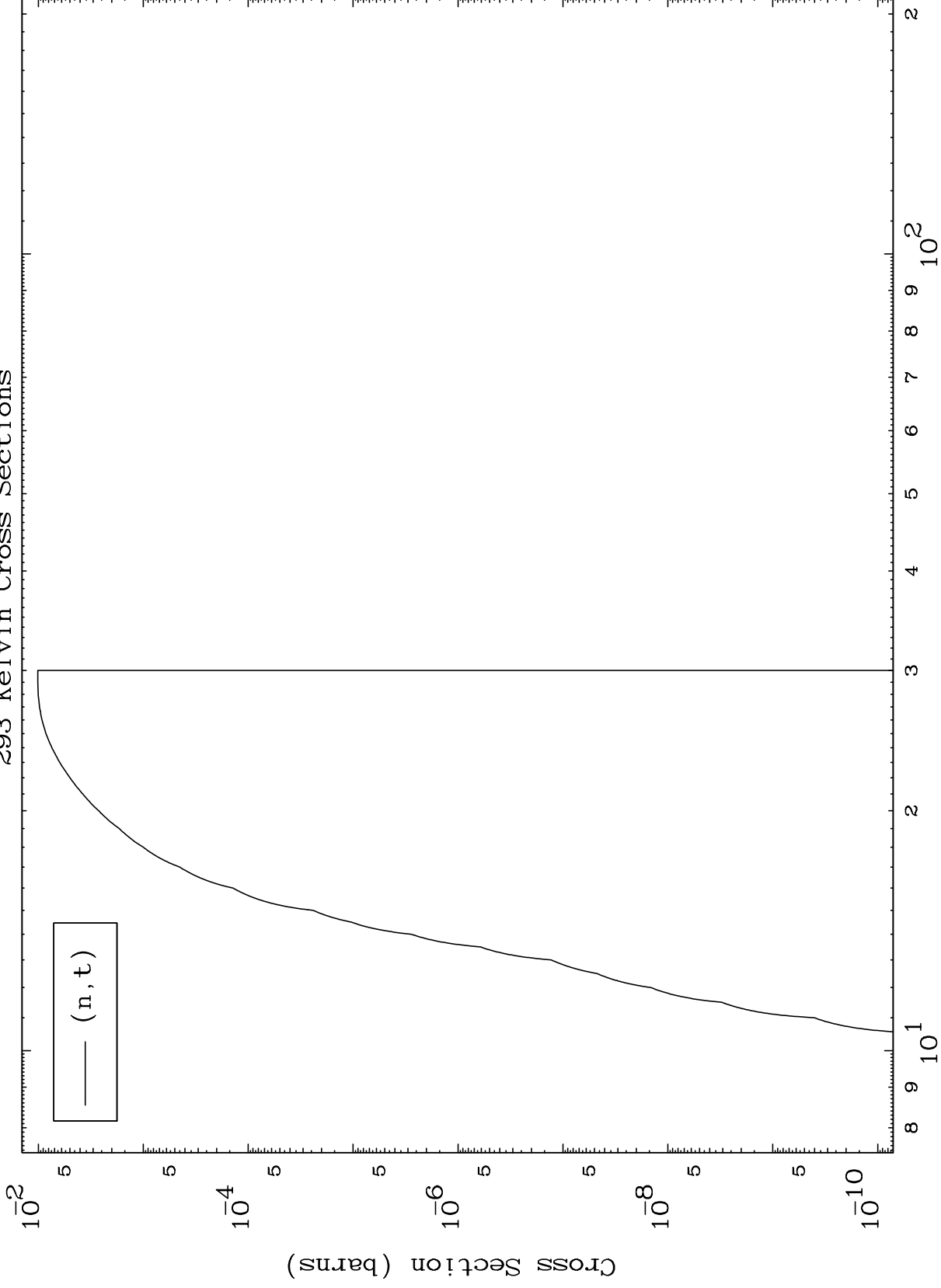
Incident Energy (MeV)

43-Tc-91

MAT 4302

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-91



10

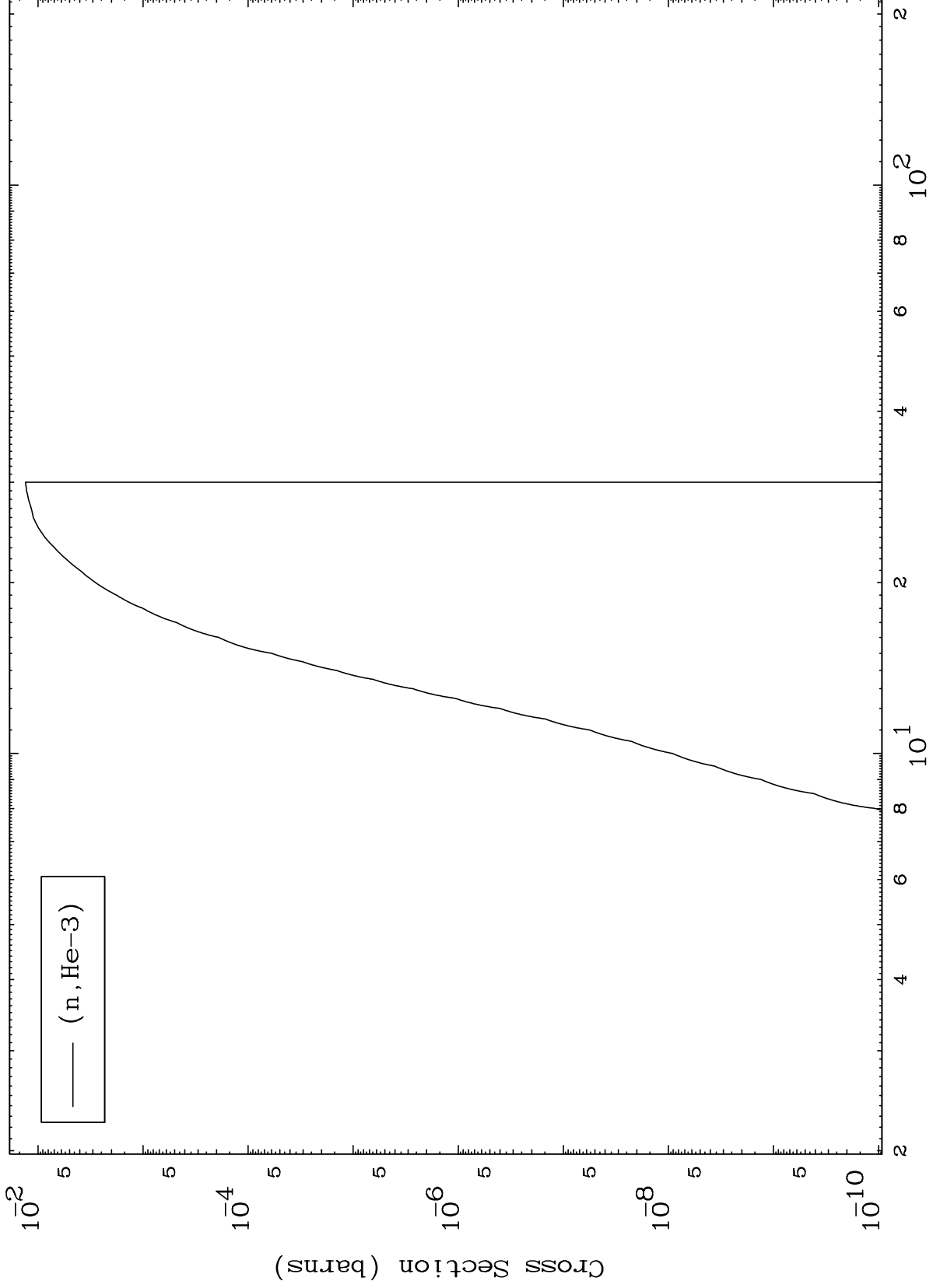
Incident Energy (MeV)

43-Tc-91

MAT 4302

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-91



11

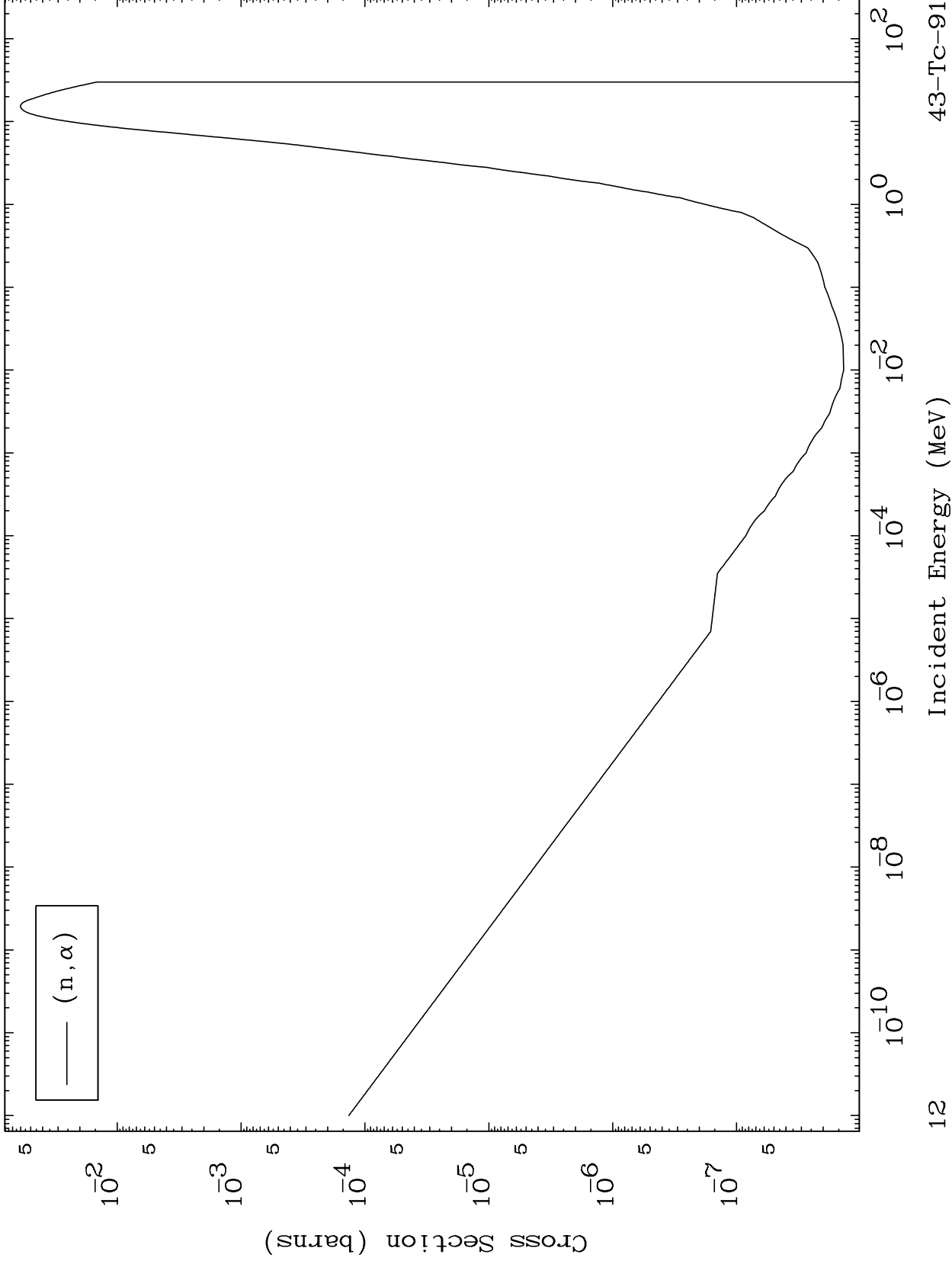
Incident Energy (MeV)

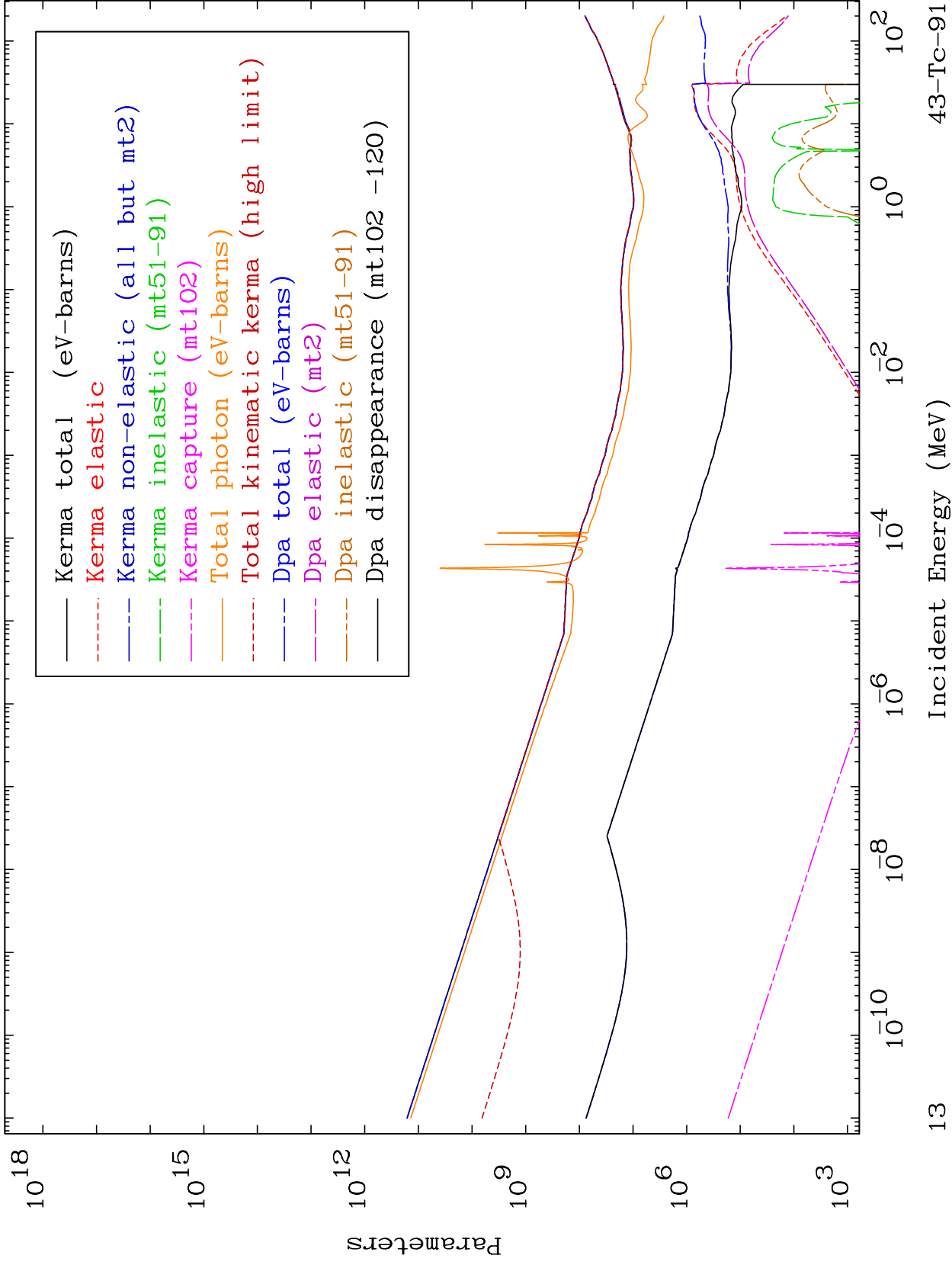
43-Tc-91

MAT 4302

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-91

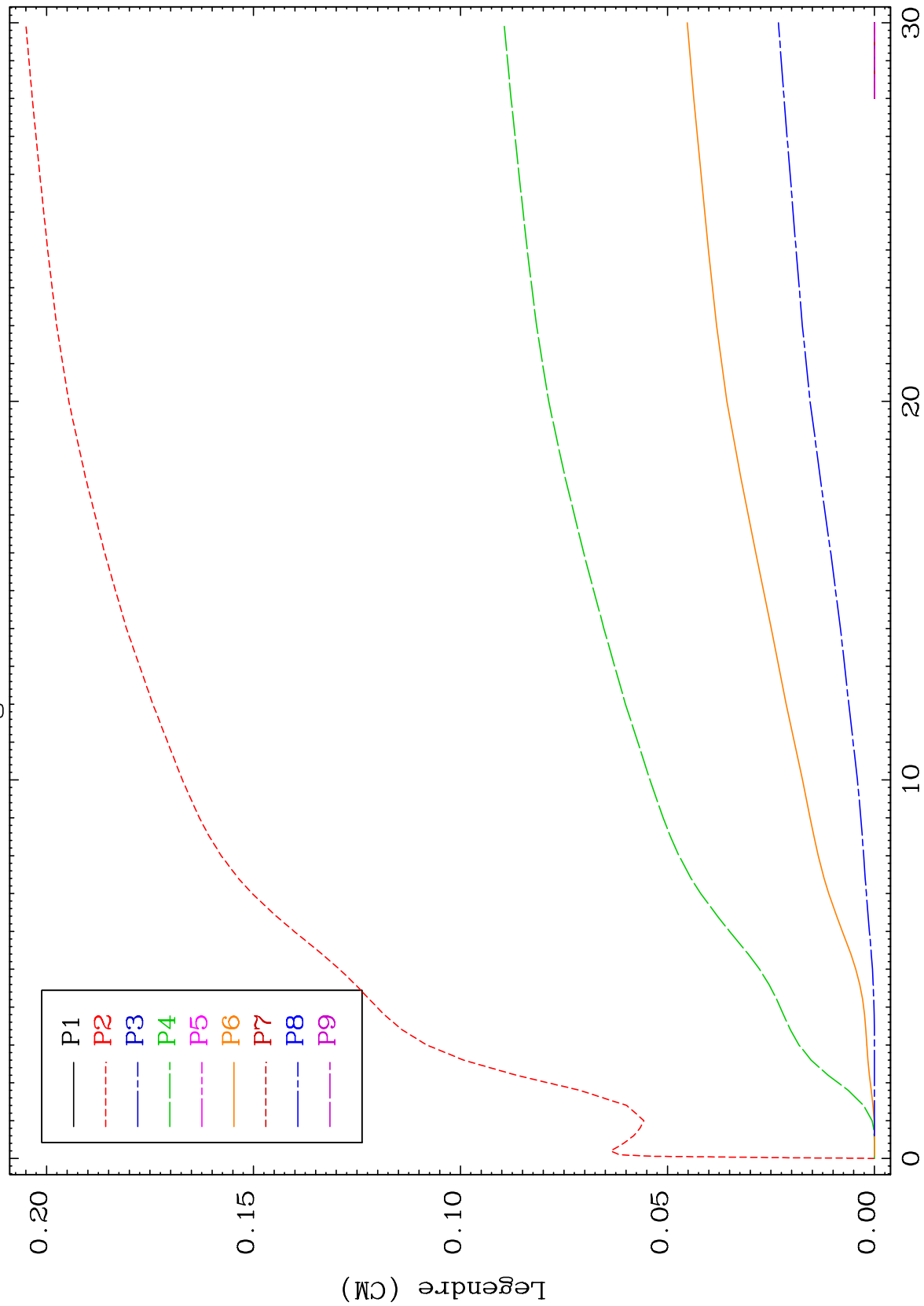




MAT 4302

Elastic Legendre Coefficients

43-Tc-91



14

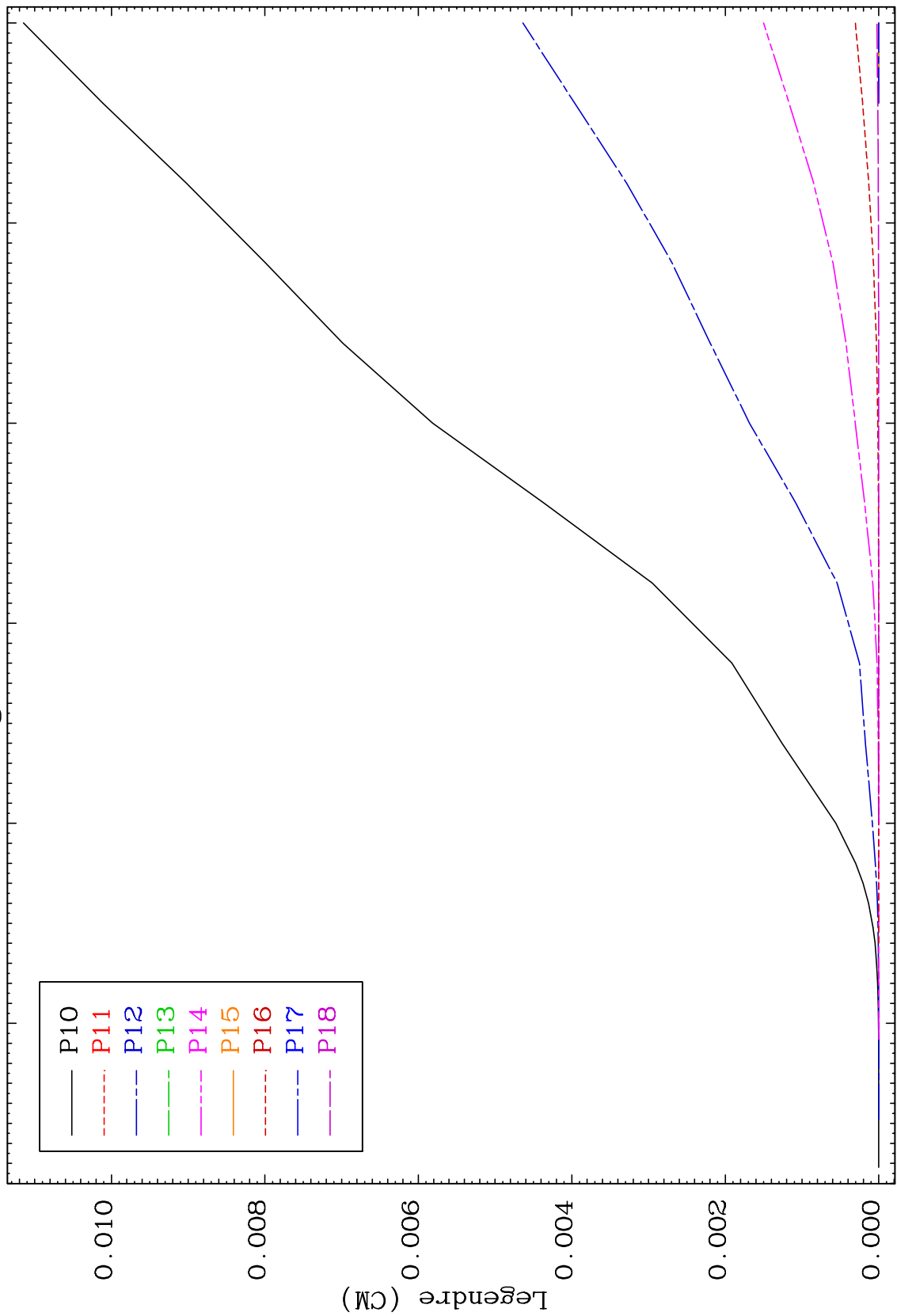
Incident Energy (MeV)

43-Tc-91

MAT 4302

Elastic Legendre Coefficients

43-Tc-91



15

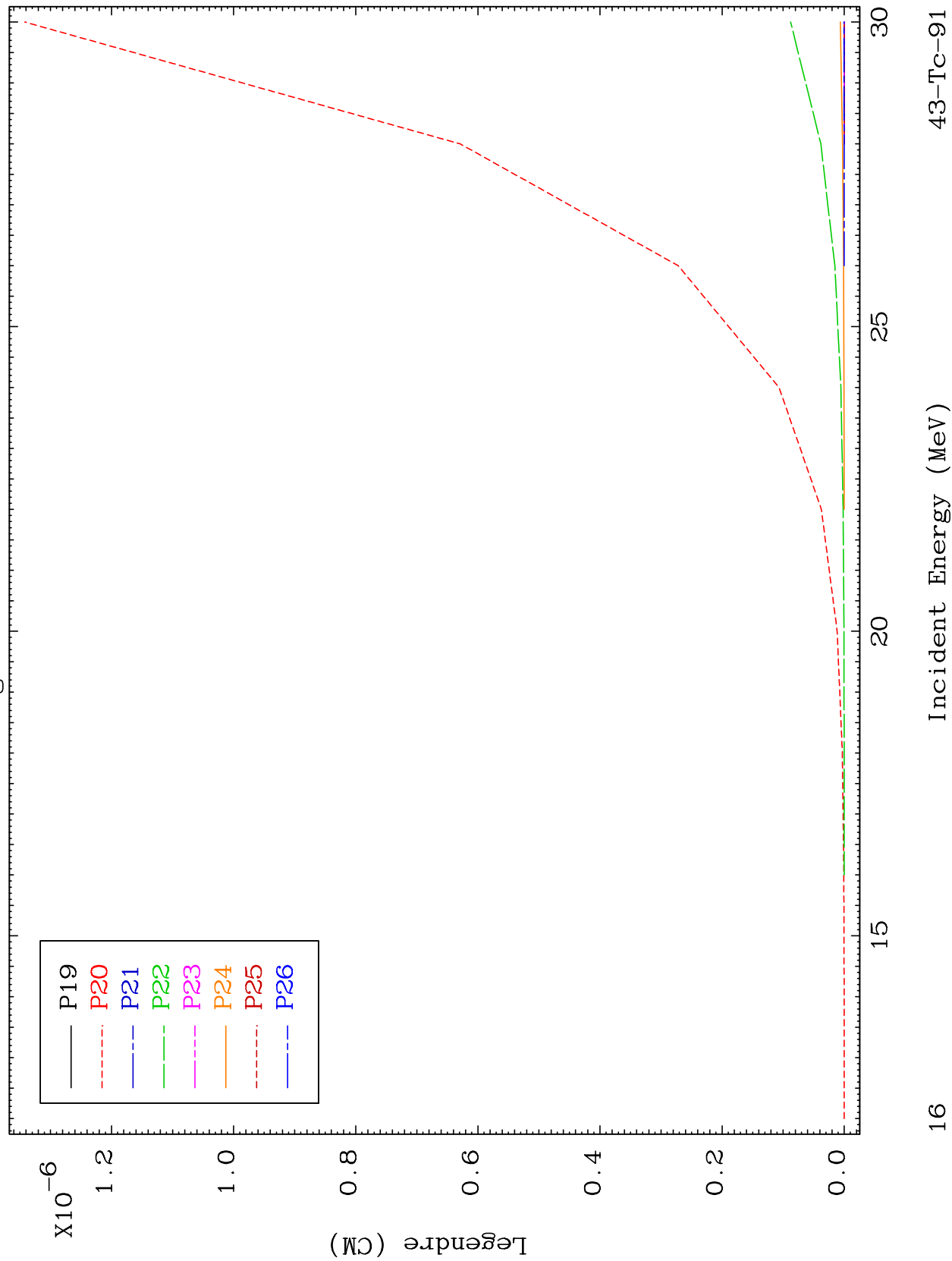
Incident Energy (MeV)

43-Tc-91

MAT 4302

Elastic Legendre Coefficients

43-Tc-91



16

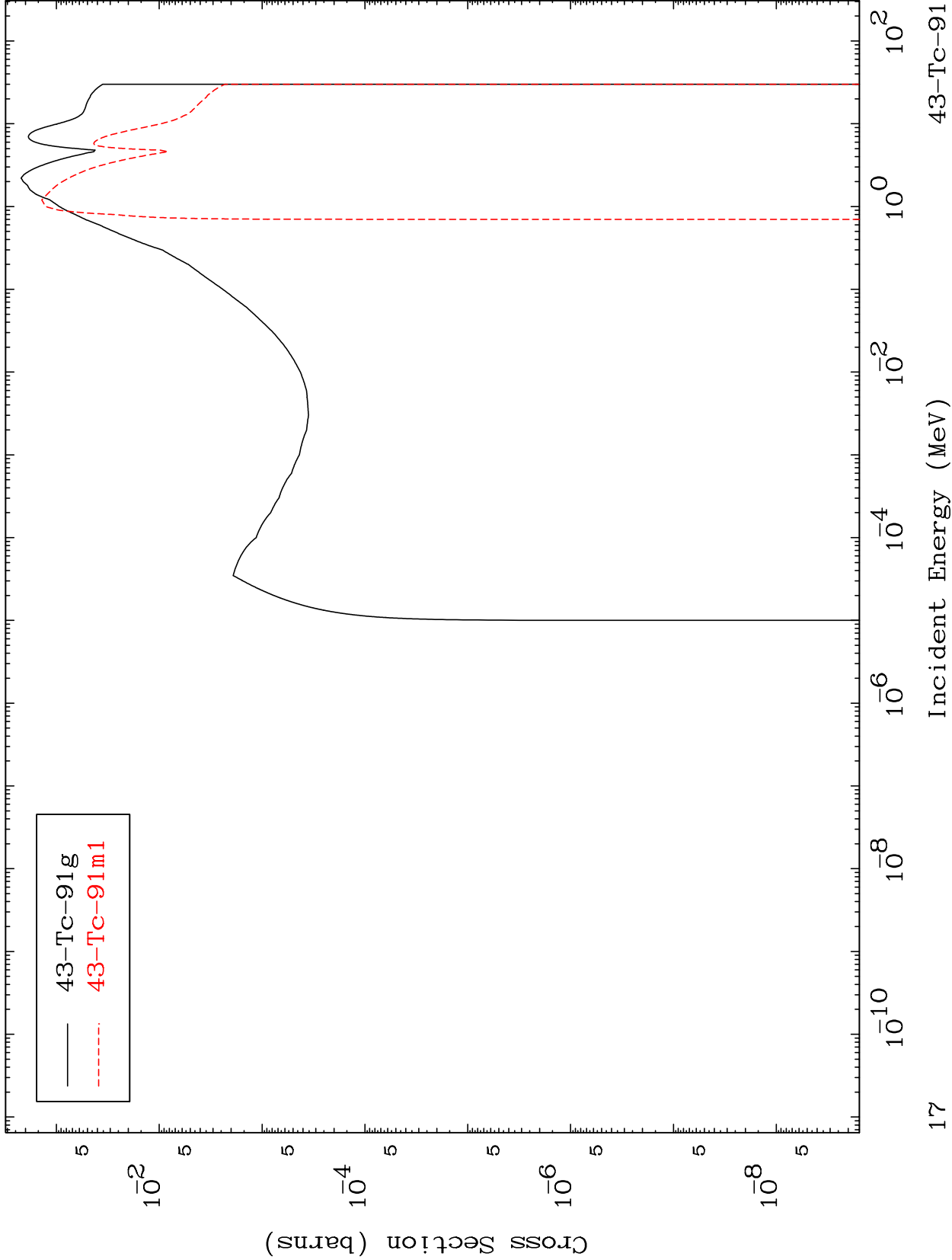
Incident Energy (MeV)

43-Tc-91

MAT 4302

43-Tc-91

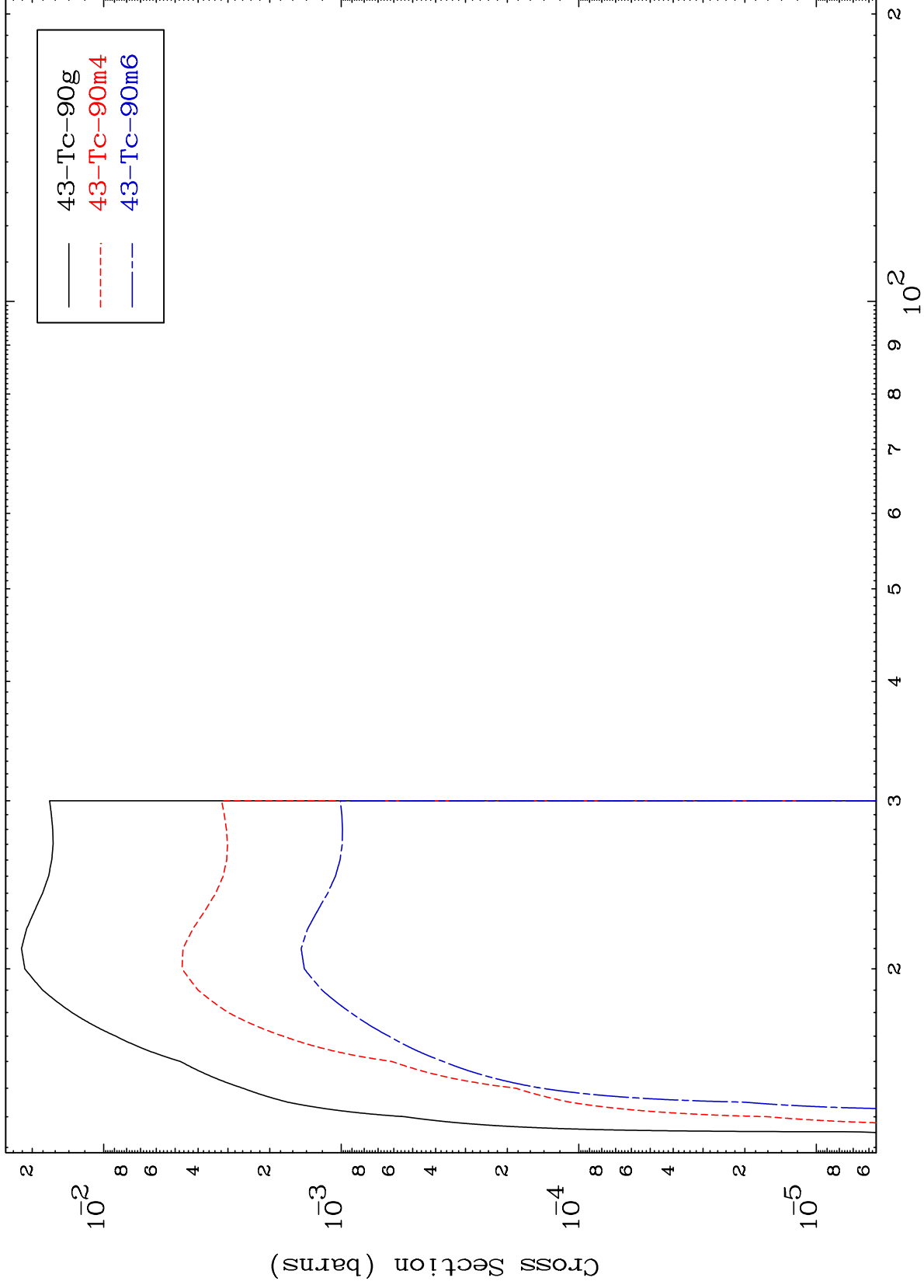
Inelastic
Radionuclide Production Cross Section



MAT 4302

43-Tc-91

(n,2n)
Radionuclide Production Cross Section



43-Tc-91

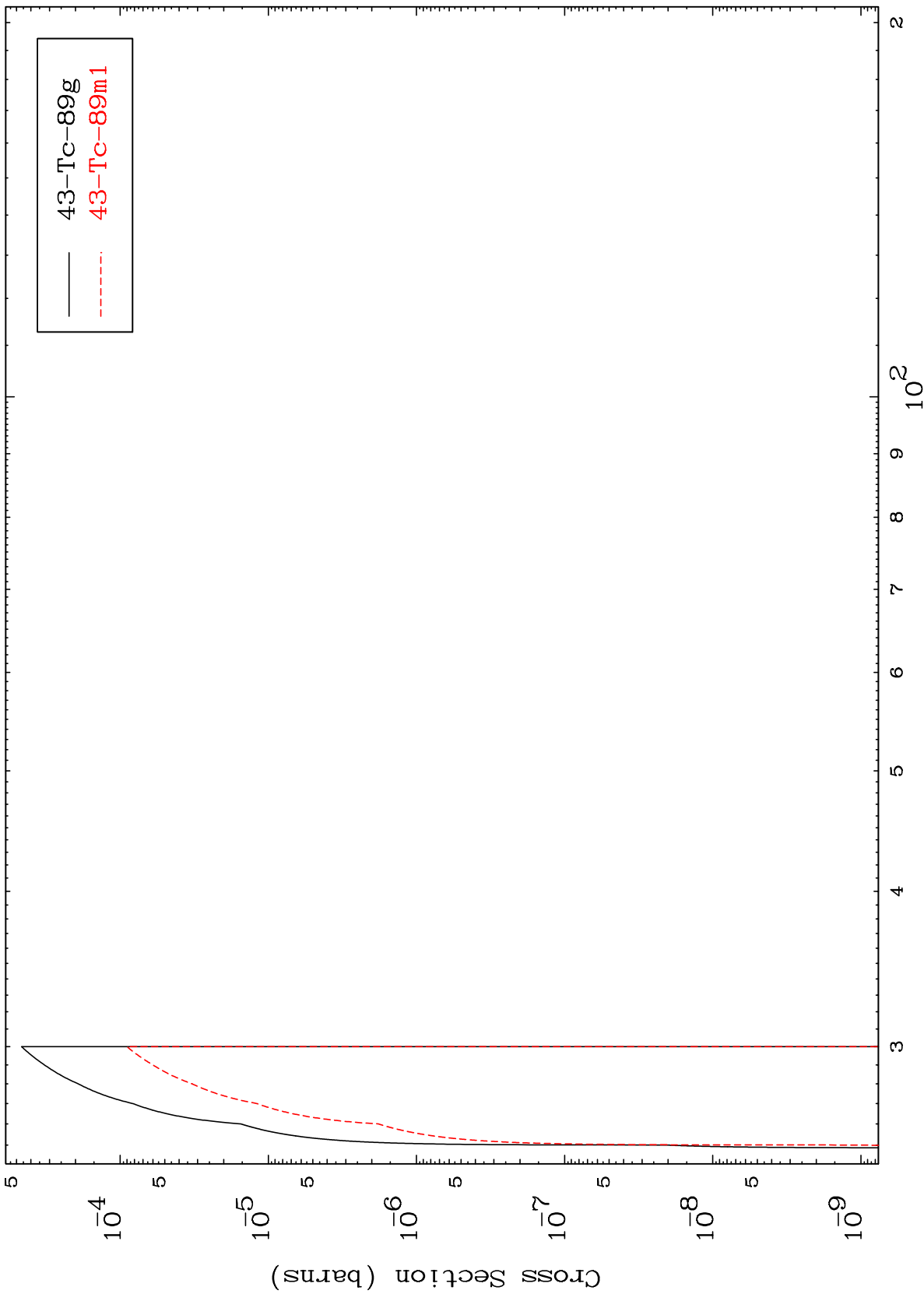
Incident Energy (MeV)

18

MAT 4302

43-Tc-91

(n,3n)
Radionuclide Production Cross Section



43-Tc-89g
43-Tc-89m1

19

43-Tc-91

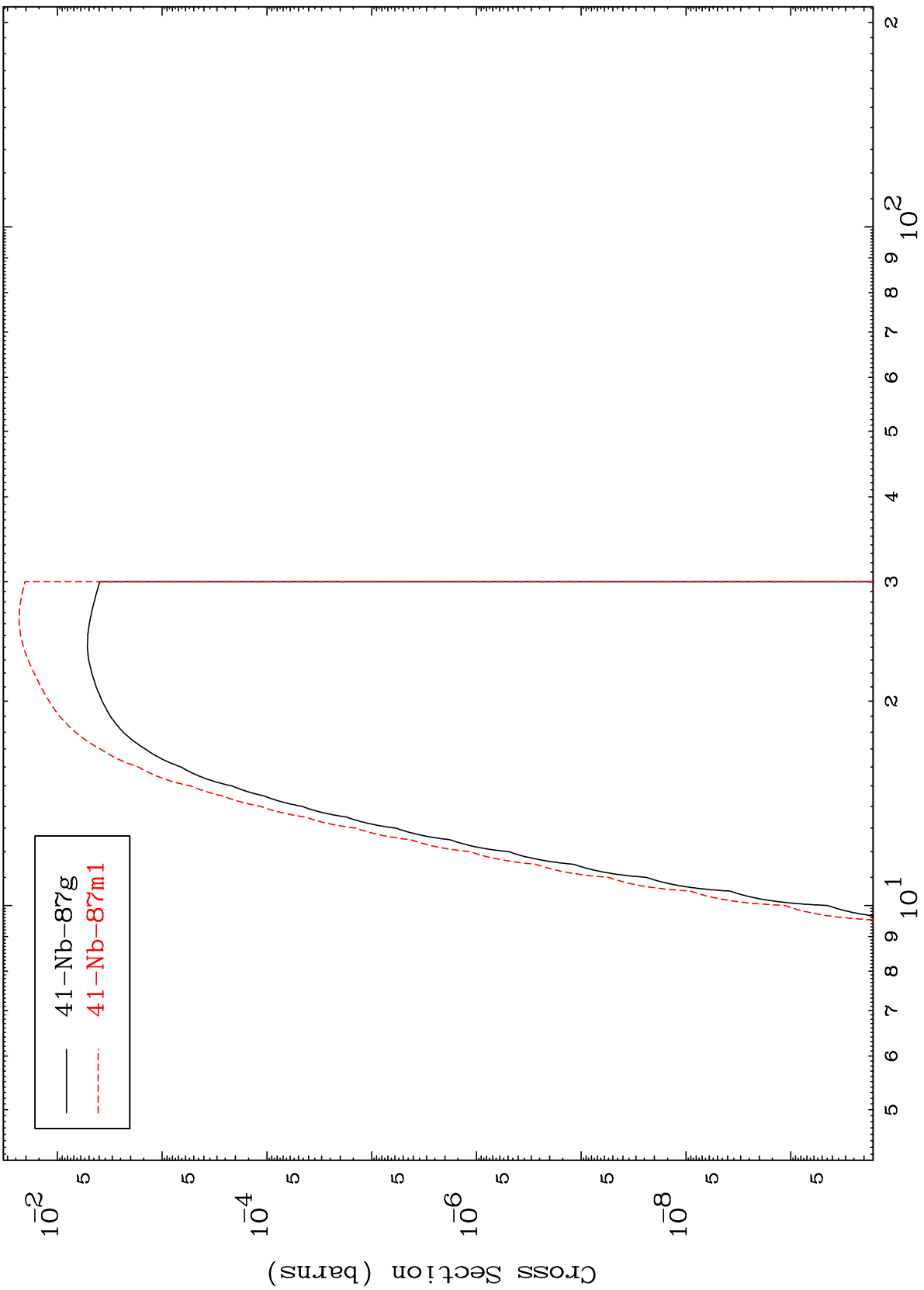
Incident Energy (MeV)

MAT 4302

43-Tc-91

(n,n') α

Radionuclide Production Cross Section



20

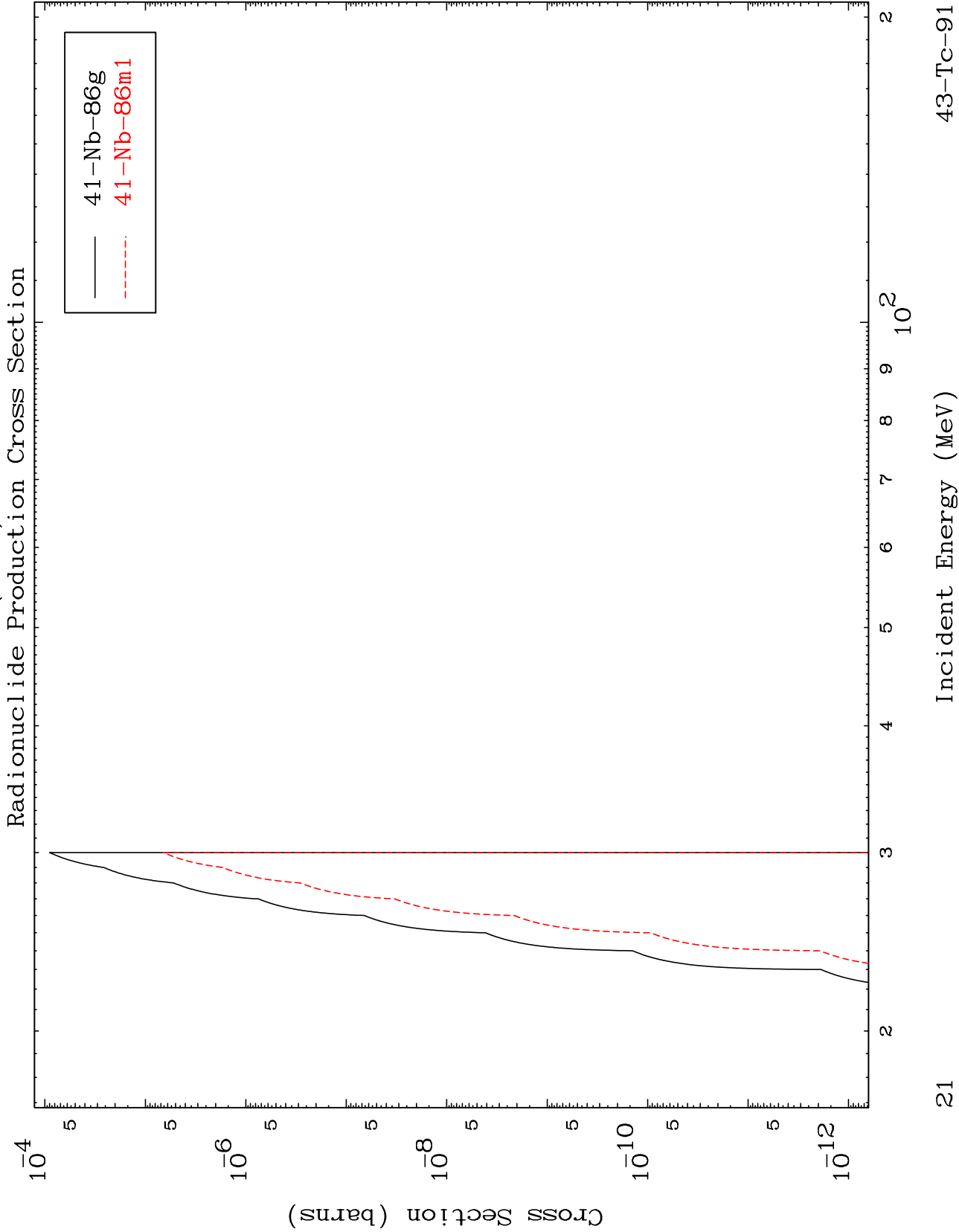
Incident Energy (MeV)

43-Tc-91

MAT 4302

(n,2n) α

43-Tc-91



21

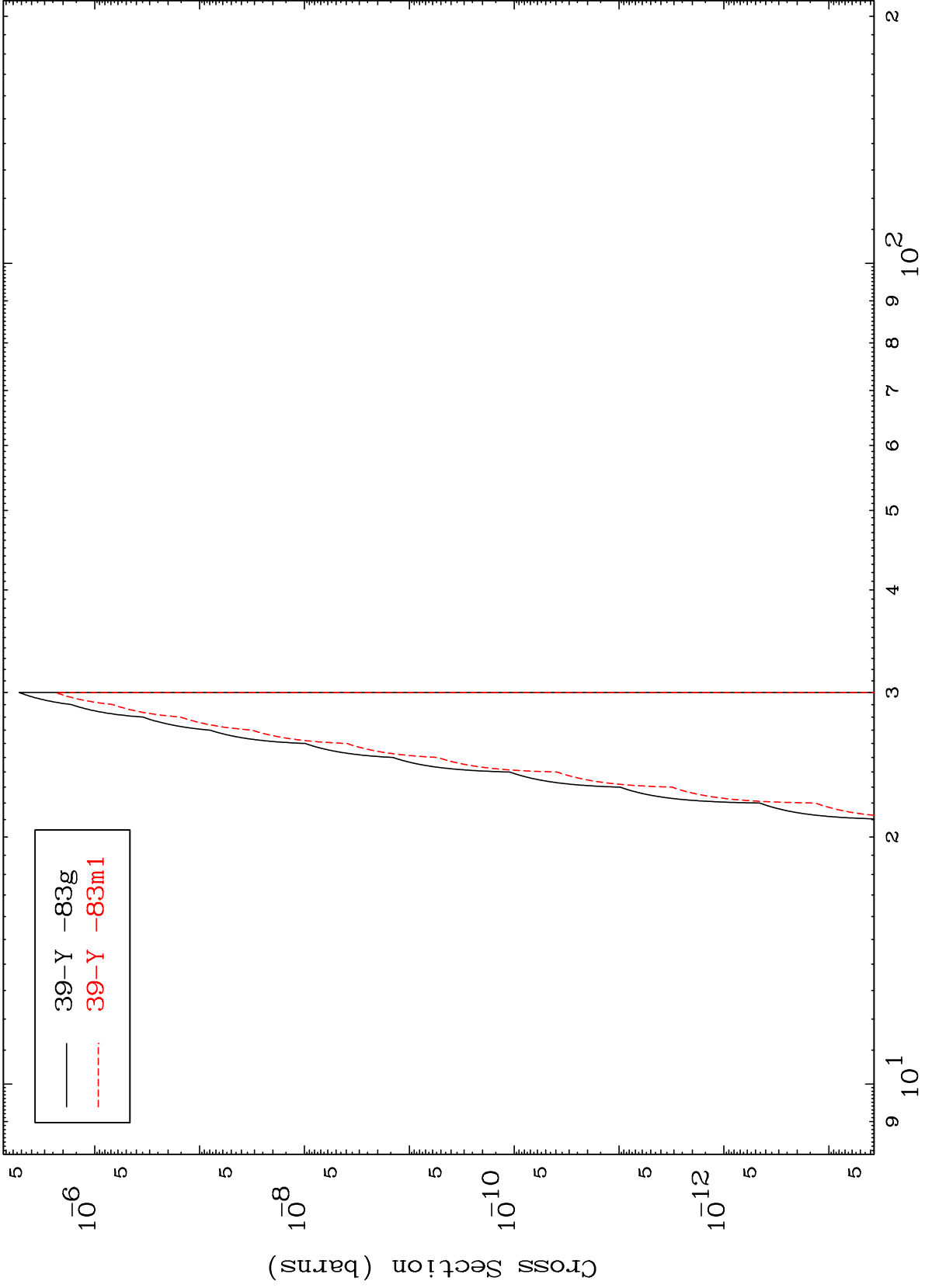
43-Tc-91

MAT 4302

(n,n') 2α

43-Tc-91

Radionuclide Production Cross Section



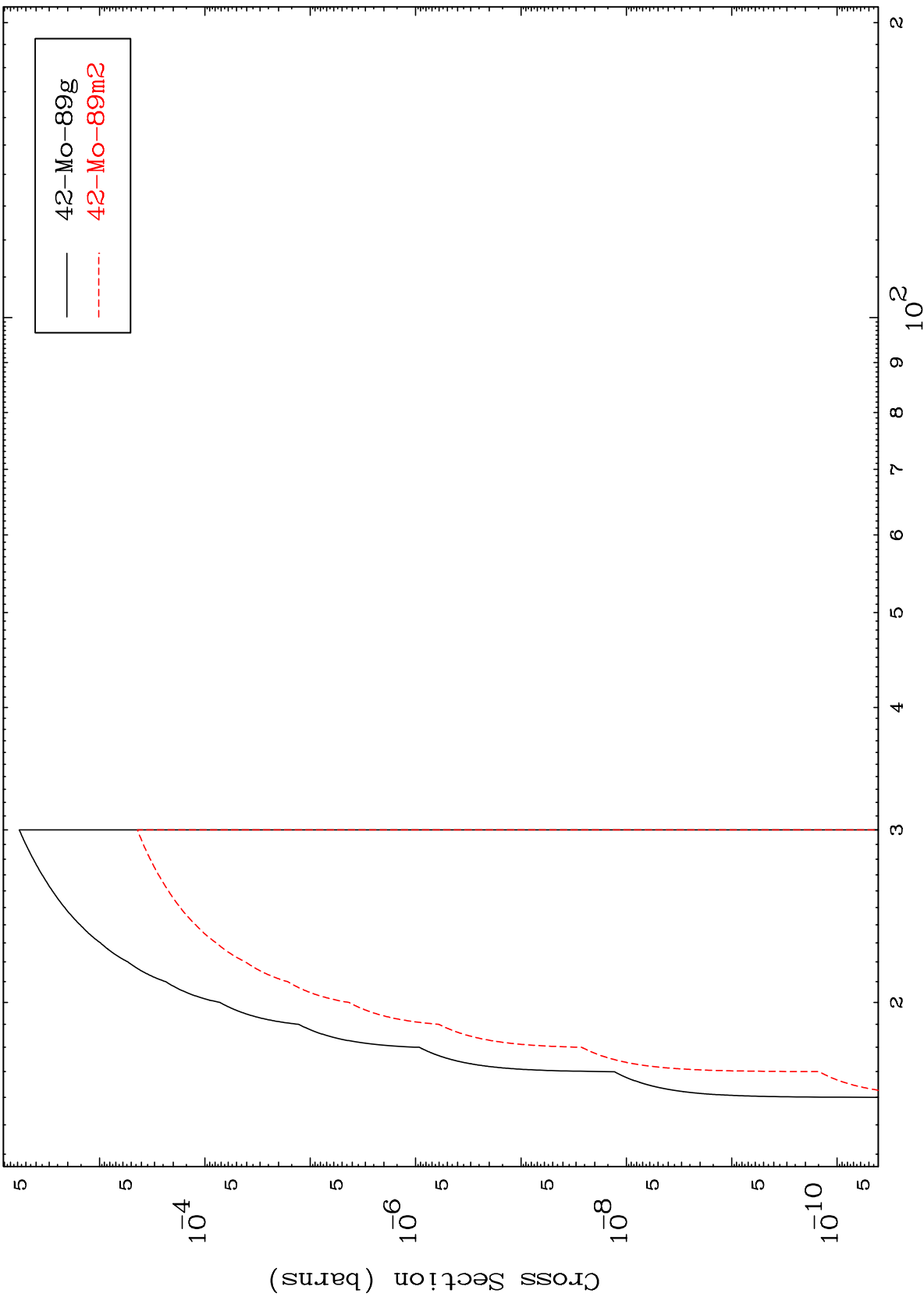
39-Y-83g
39-Y-83m1

22

Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section



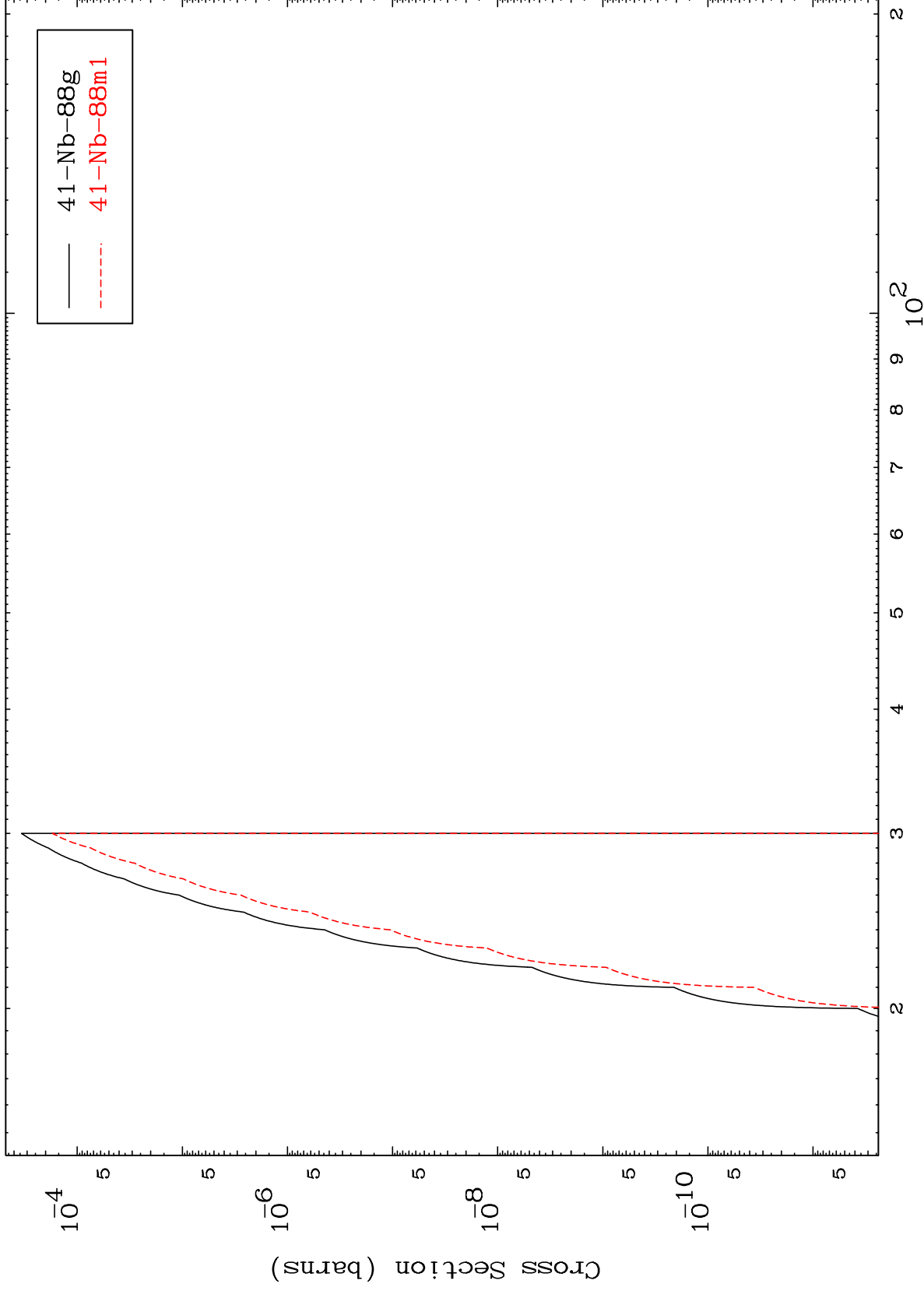
42-Mo-89g
42-Mo-89m2

MAT 4302

(n,n') He-3

43-Tc-91

Radionuclide Production Cross Section

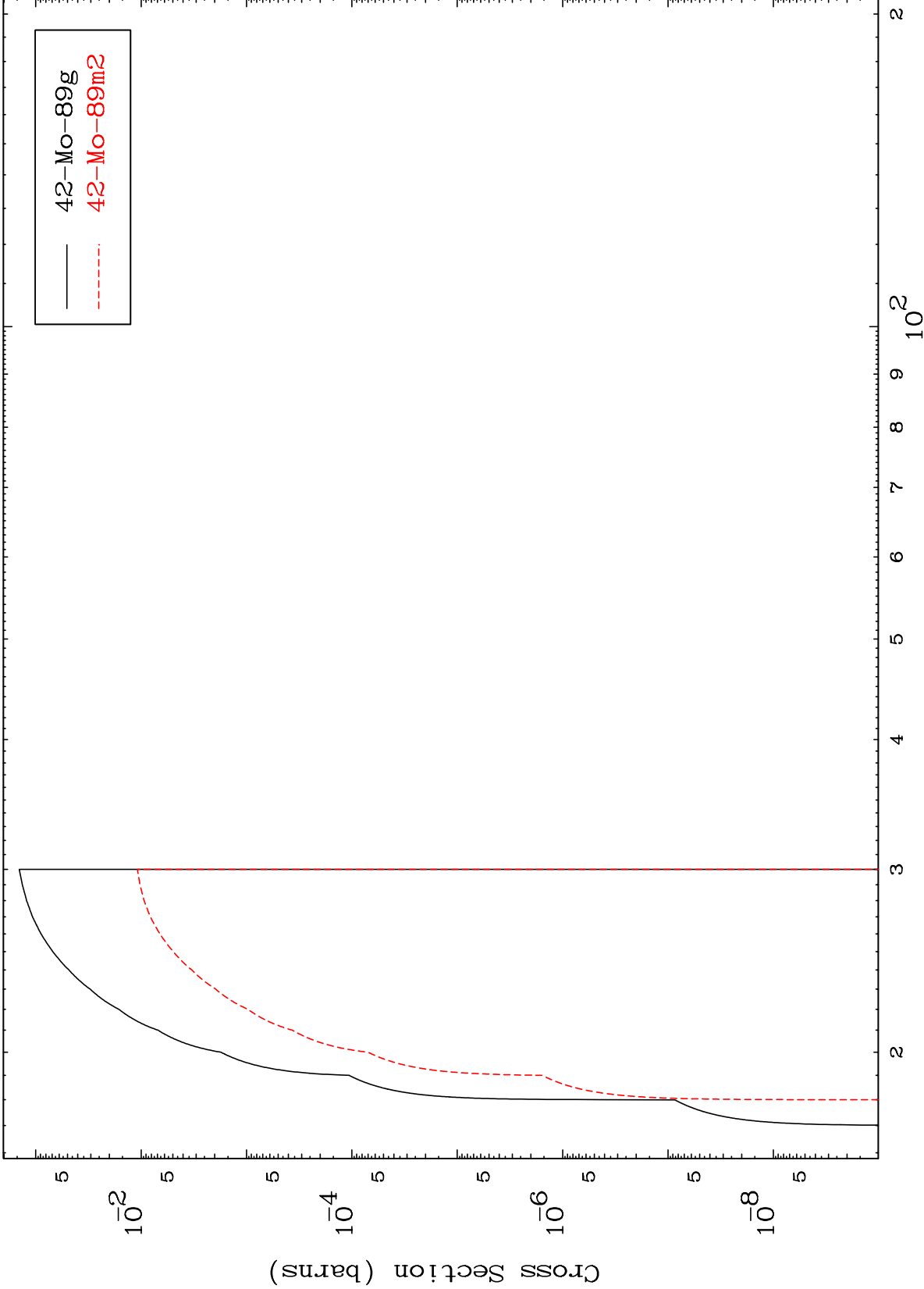


24

Incident Energy (MeV)

43-Tc-91

Radionuclide Production Cross Section

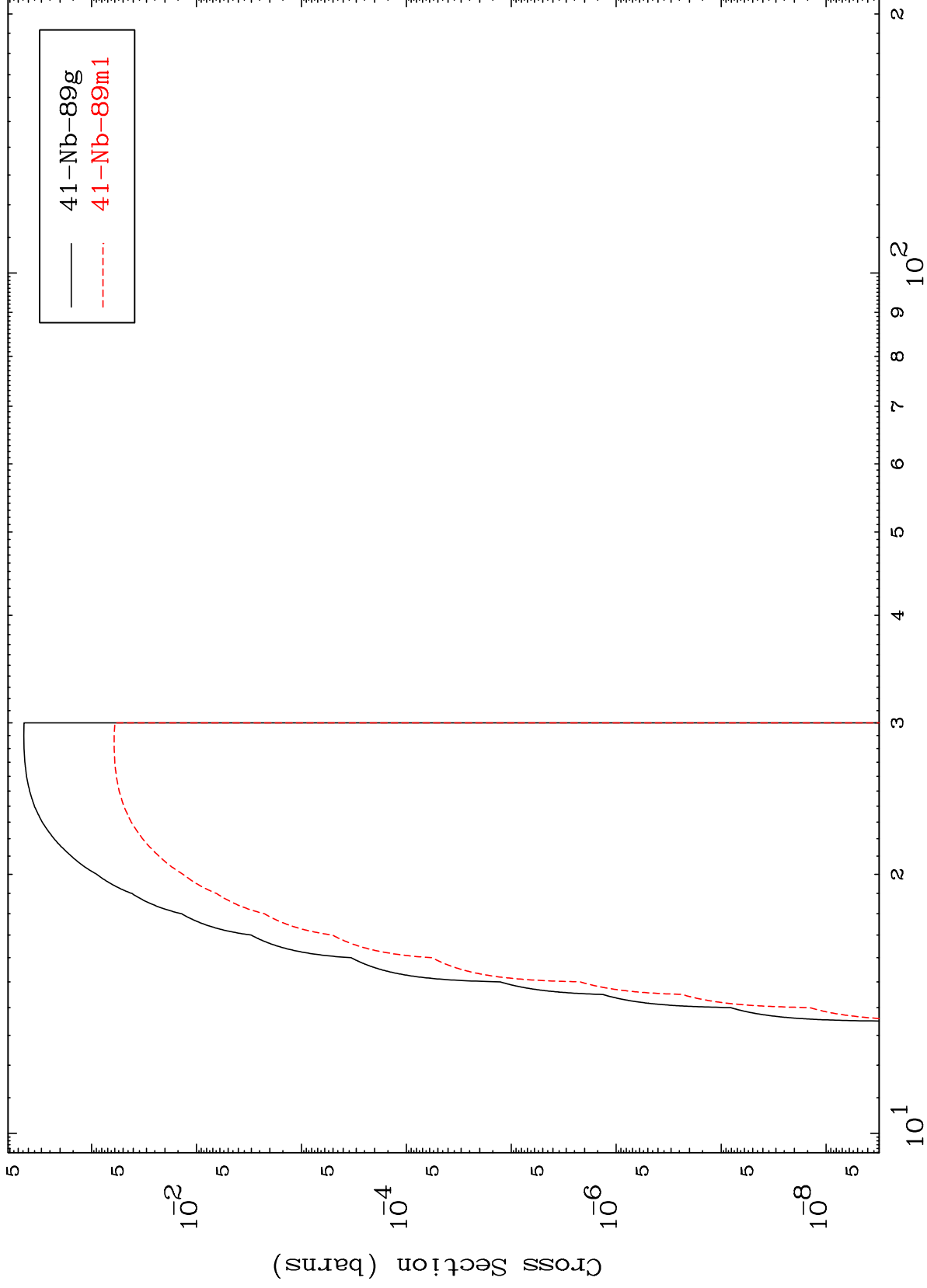


MAT 4302

(n,2n) p

43-Tc-91

Radionuclide Production Cross Section



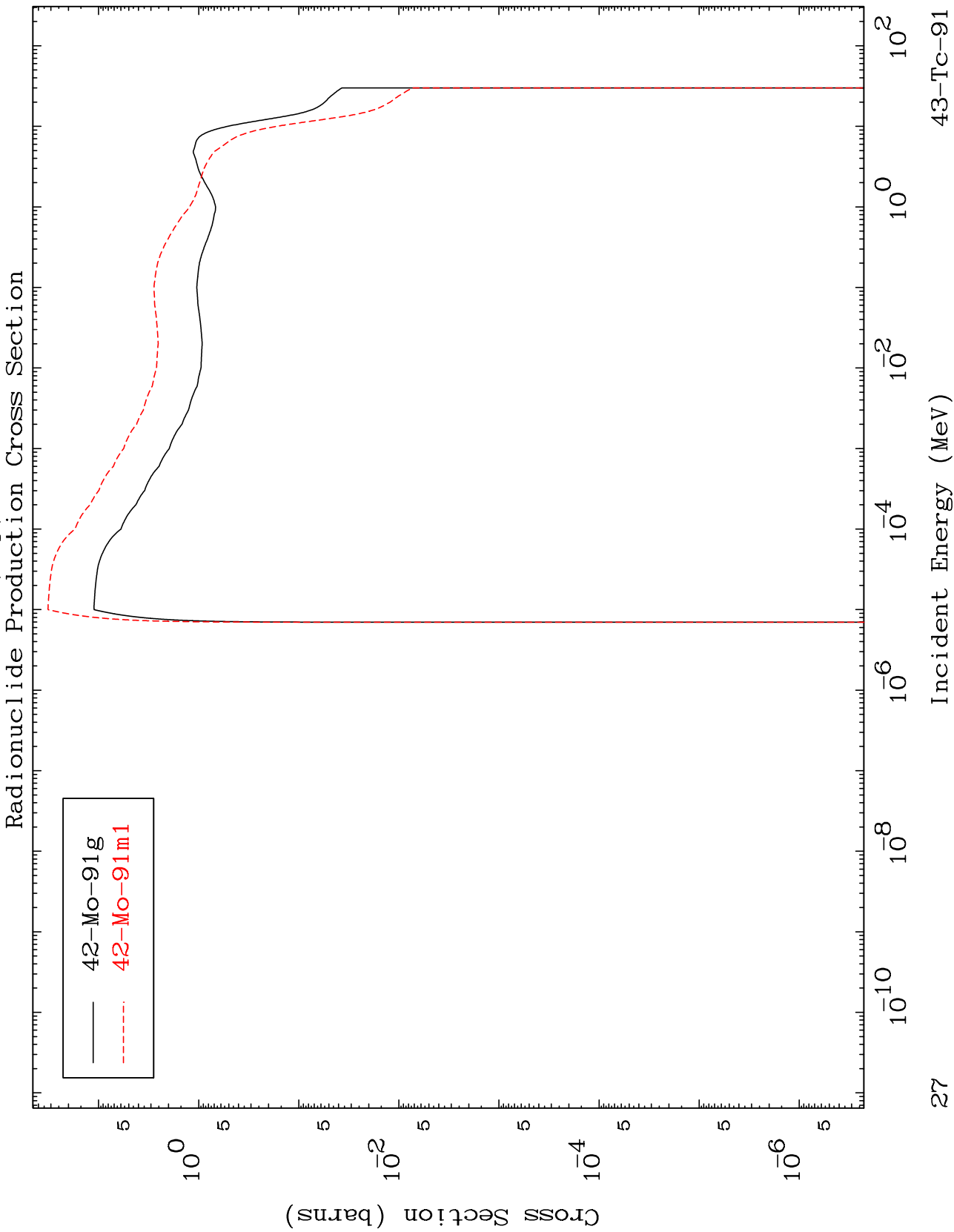
26

Incident Energy (MeV)

43-Tc-91

MAT 4302

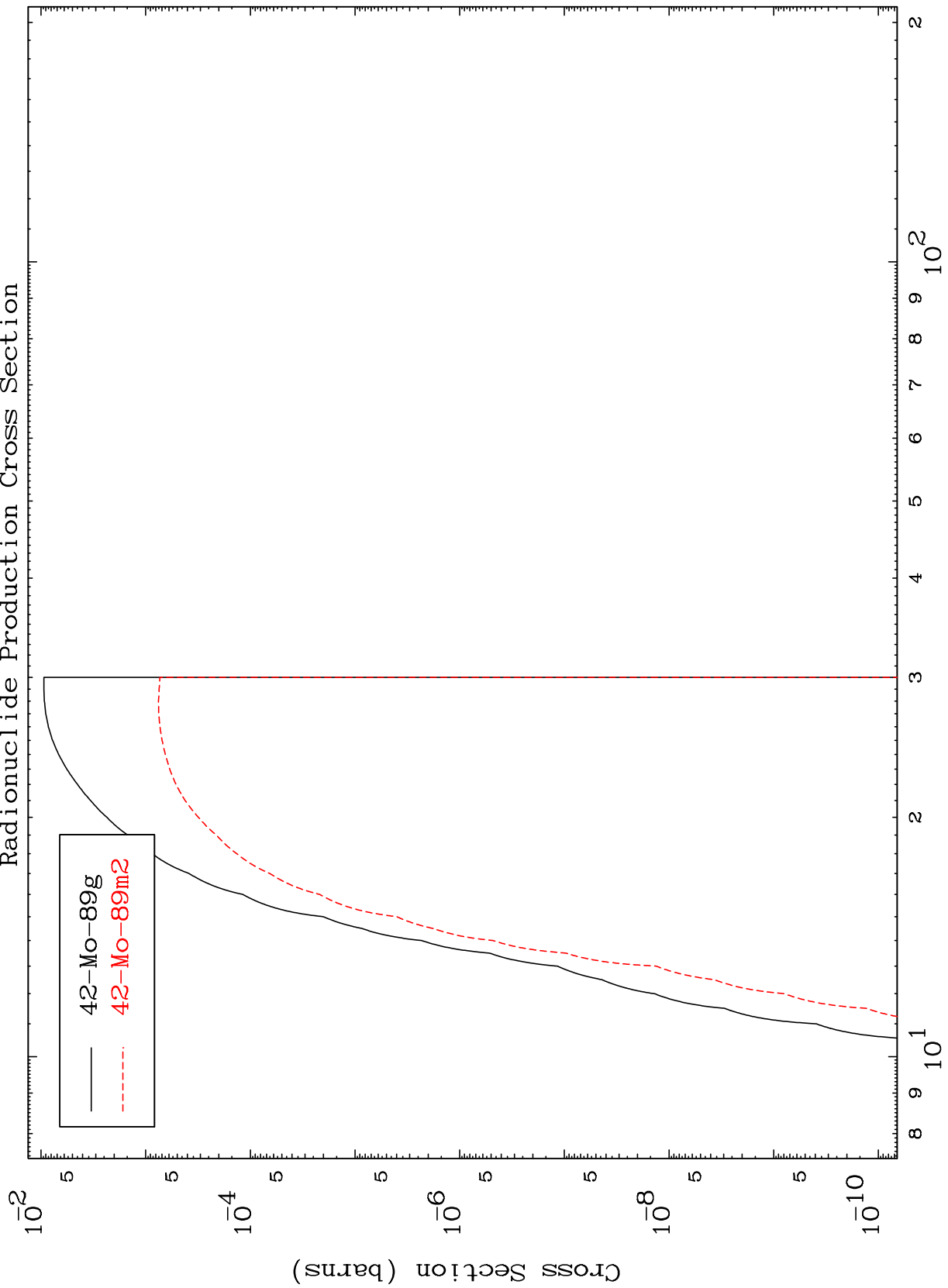
43-Tc-91



MAT 4302

43-Tc-91

(n, t)
Radionuclide Production Cross Section



43-Tc-91

Incident Energy (MeV)

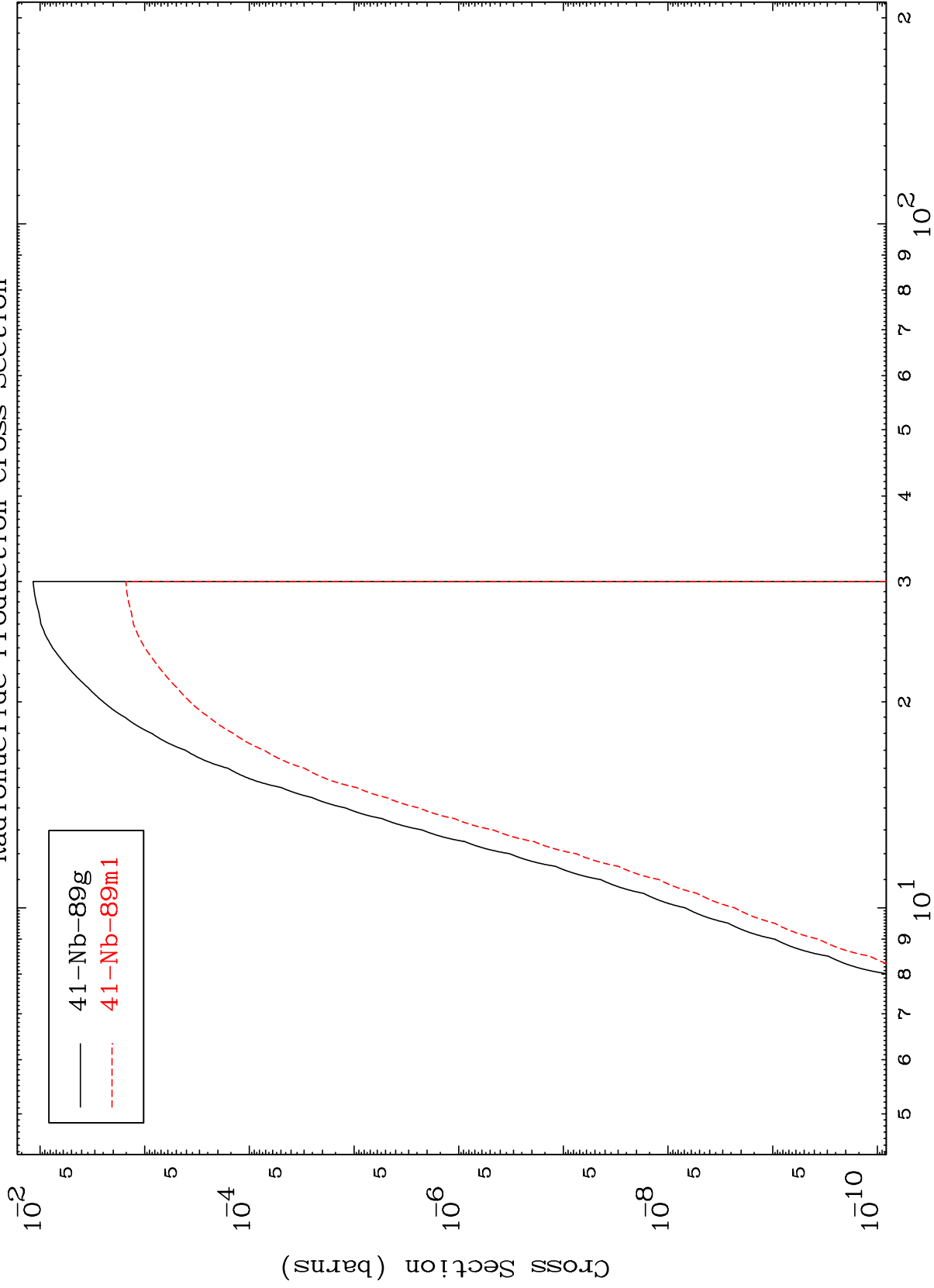
28

MAT 4302

(n,He-3)

43-Tc-91

Radionuclide Production Cross Section



29

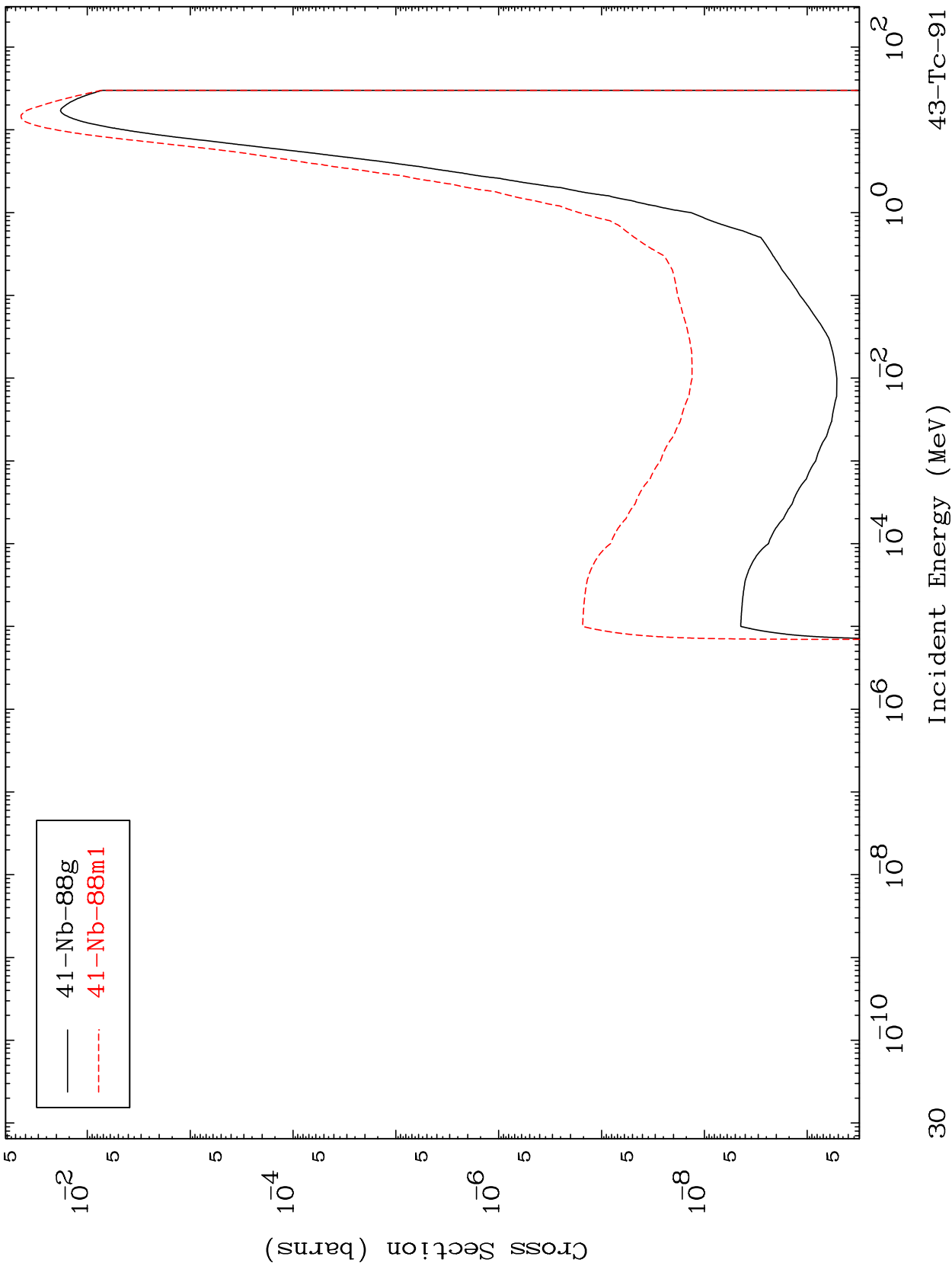
Incident Energy (MeV)

43-Tc-91

MAT 4302

43-Tc-91

(n, α)
Radionuclide Production Cross Section

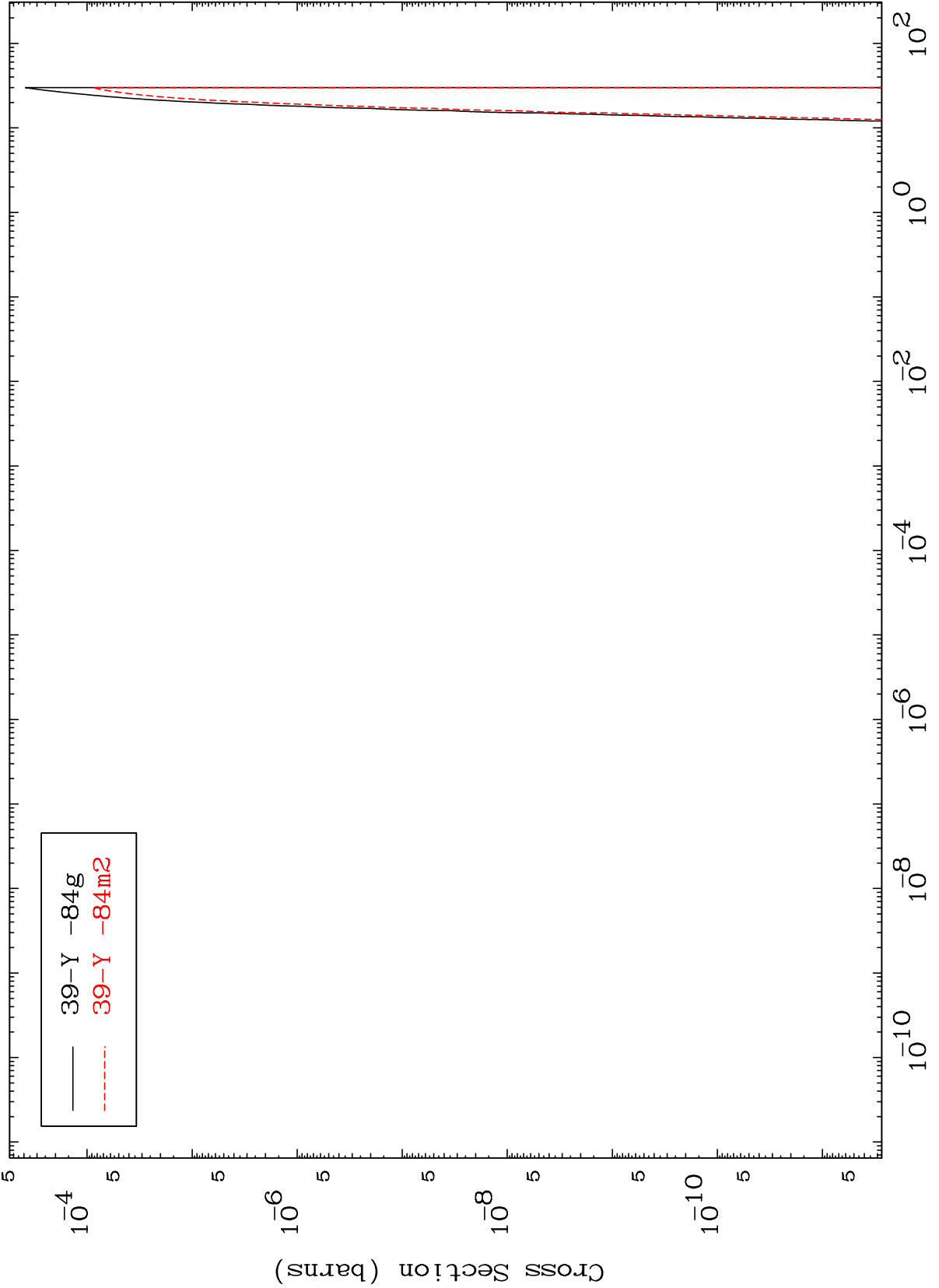


MAT 4302

(n,2α)

43-Tc-91

Radionuclide Production Cross Section

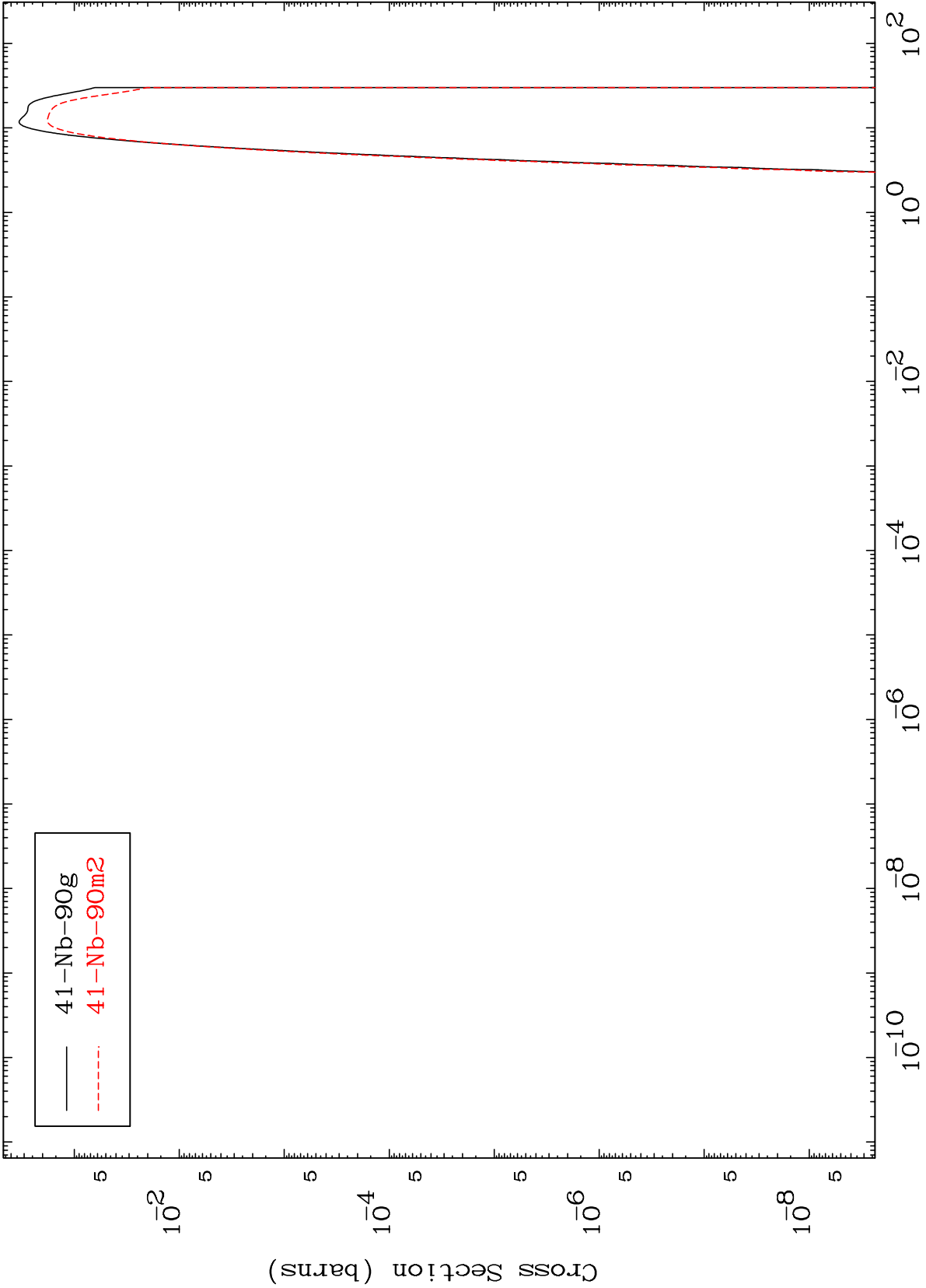


MAT 4302

(n,2p)

43-Tc-91

Radionuclide Production Cross Section



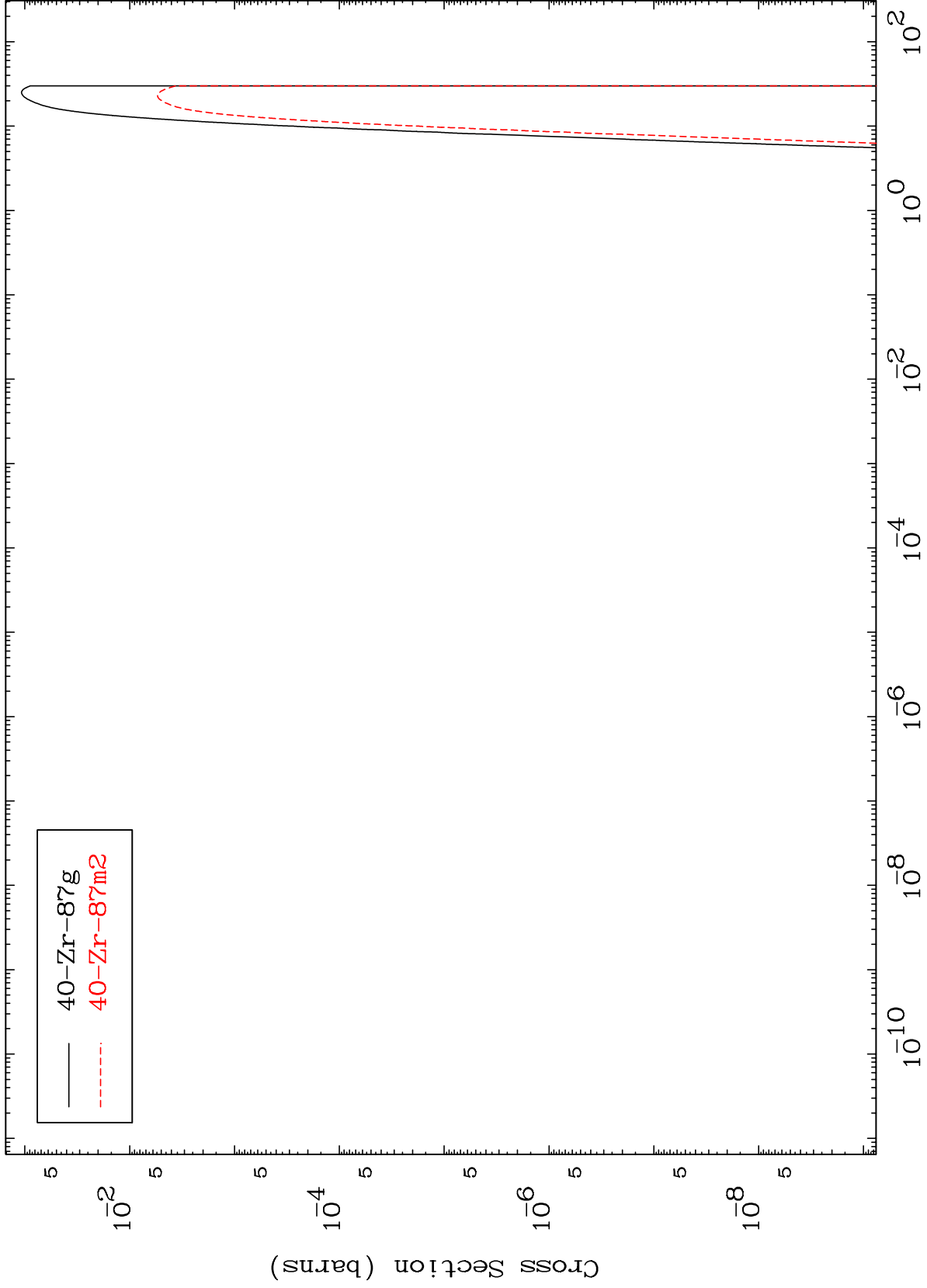
— 41-Nb-90g
- - - 41-Nb-90m2

MAT 4302

(n,p) α

43-Tc-91

Radionuclide Production Cross Section



33

Incident Energy (MeV)

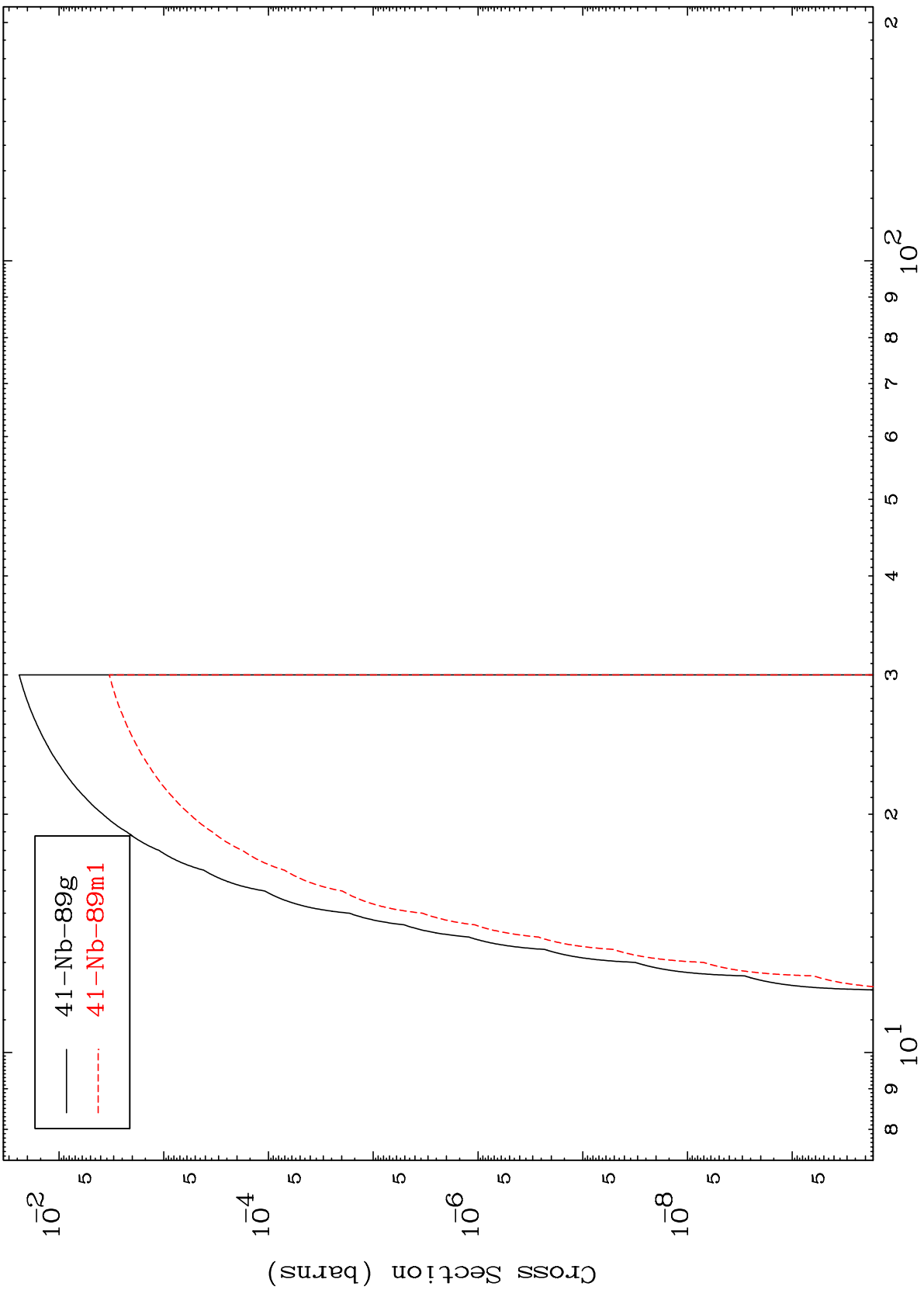
43-Tc-91

MAT 4302

(n,p) d

43-Tc-91

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

43-Tc-91

