

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

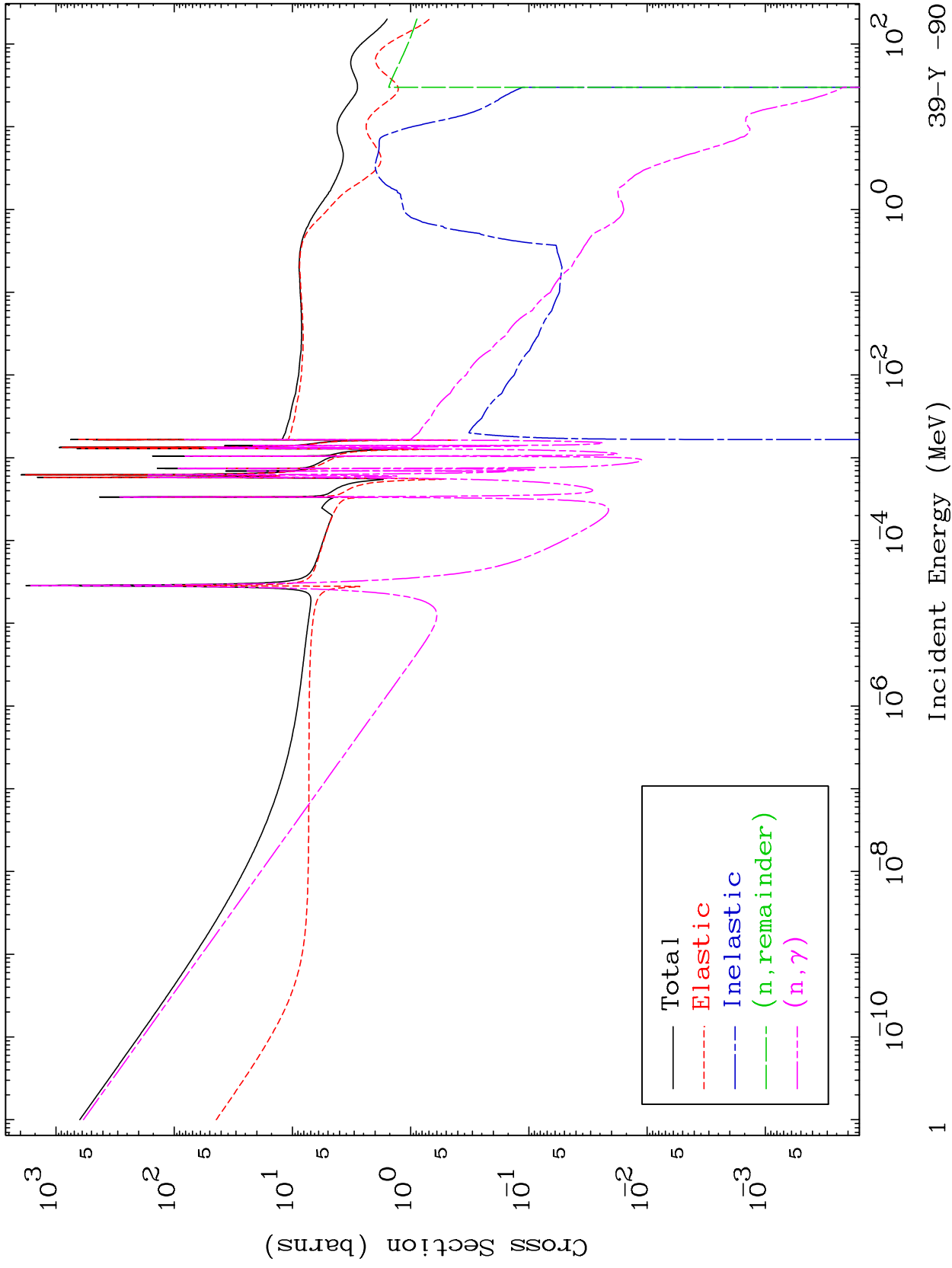
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3929

Major
293 Kelvin Cross Sections

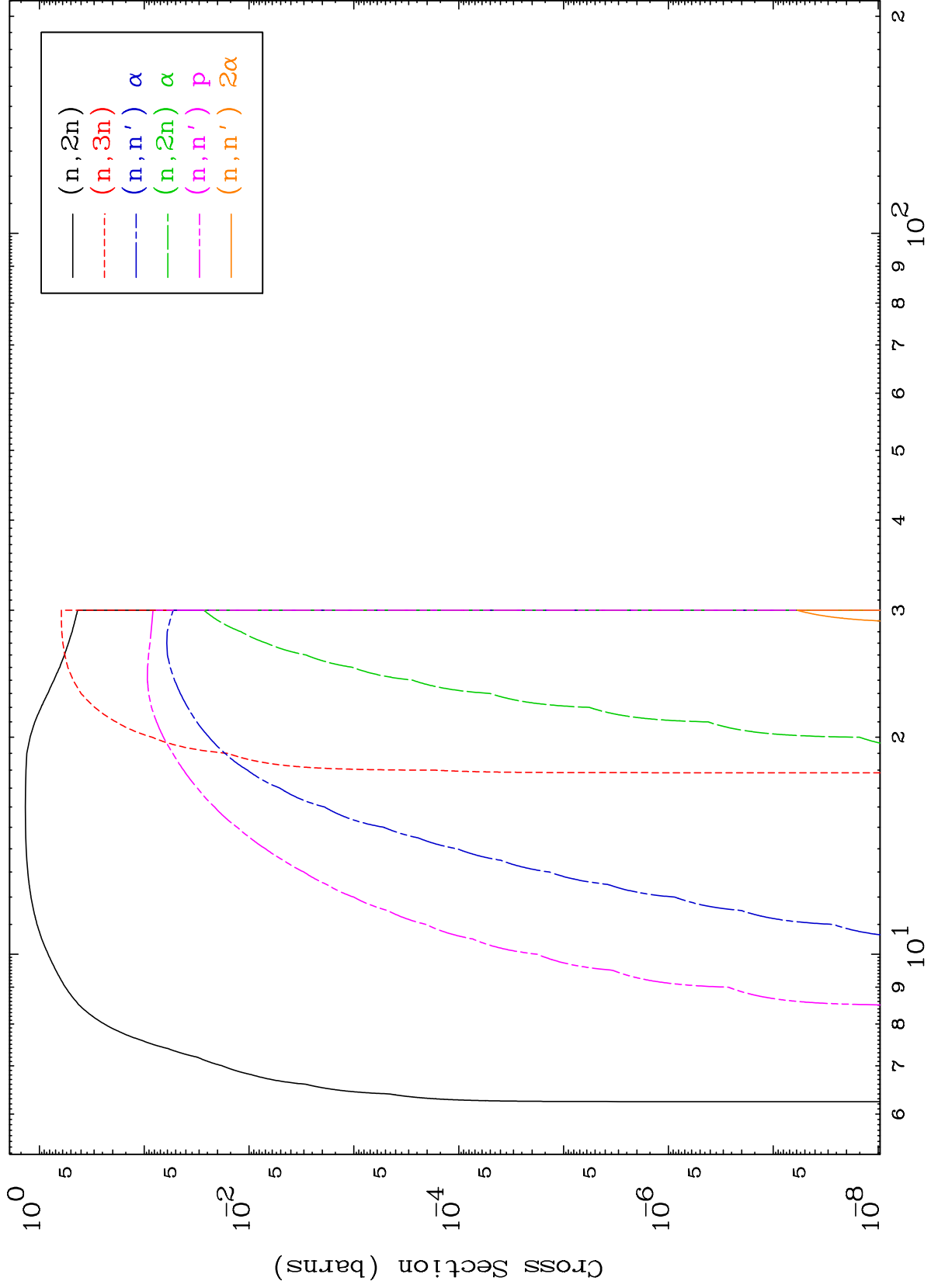
39-Y -90



MAT 3929

Neutron Production
293 Kelvin Cross Sections

39-Y -90

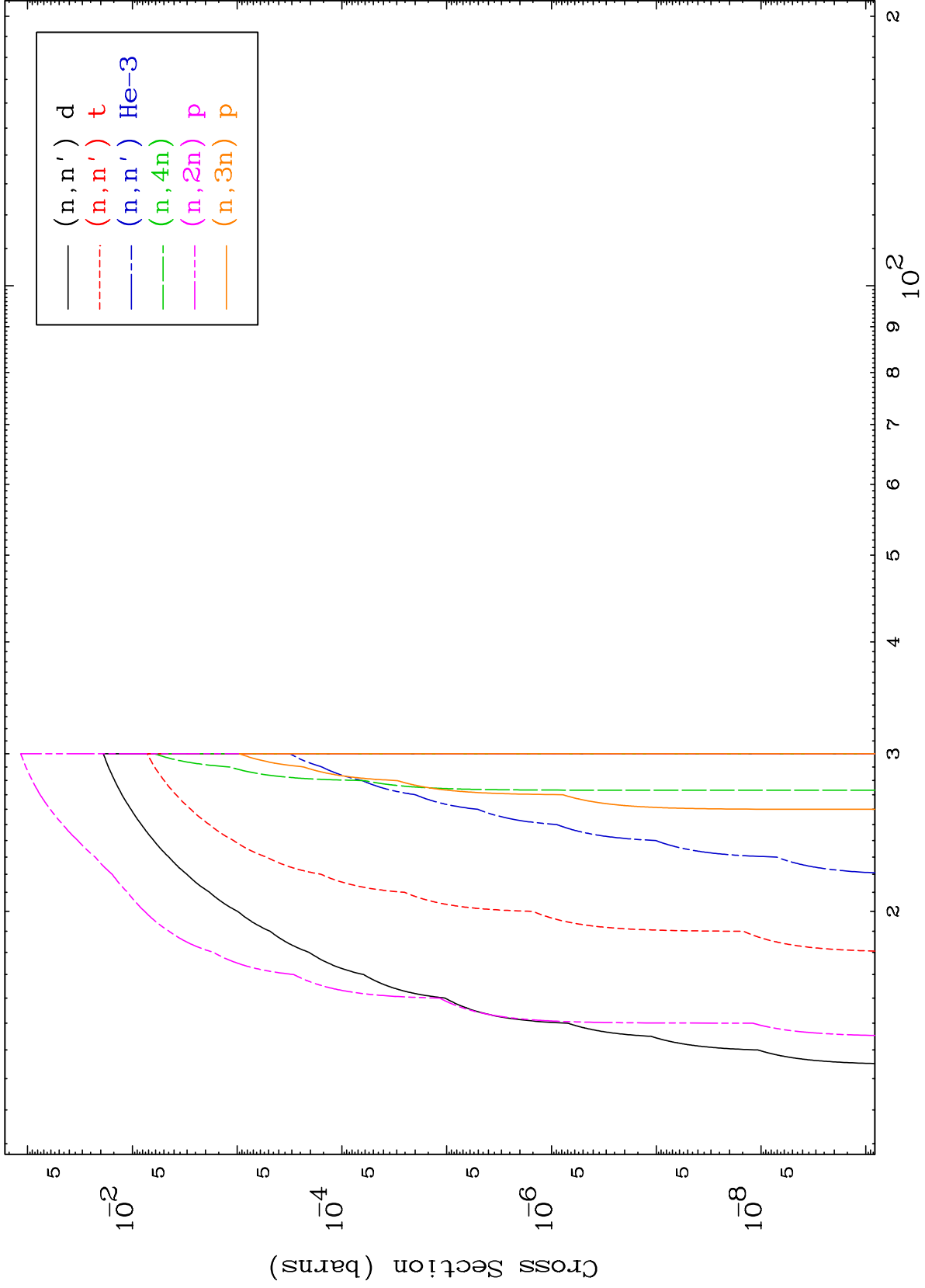


2

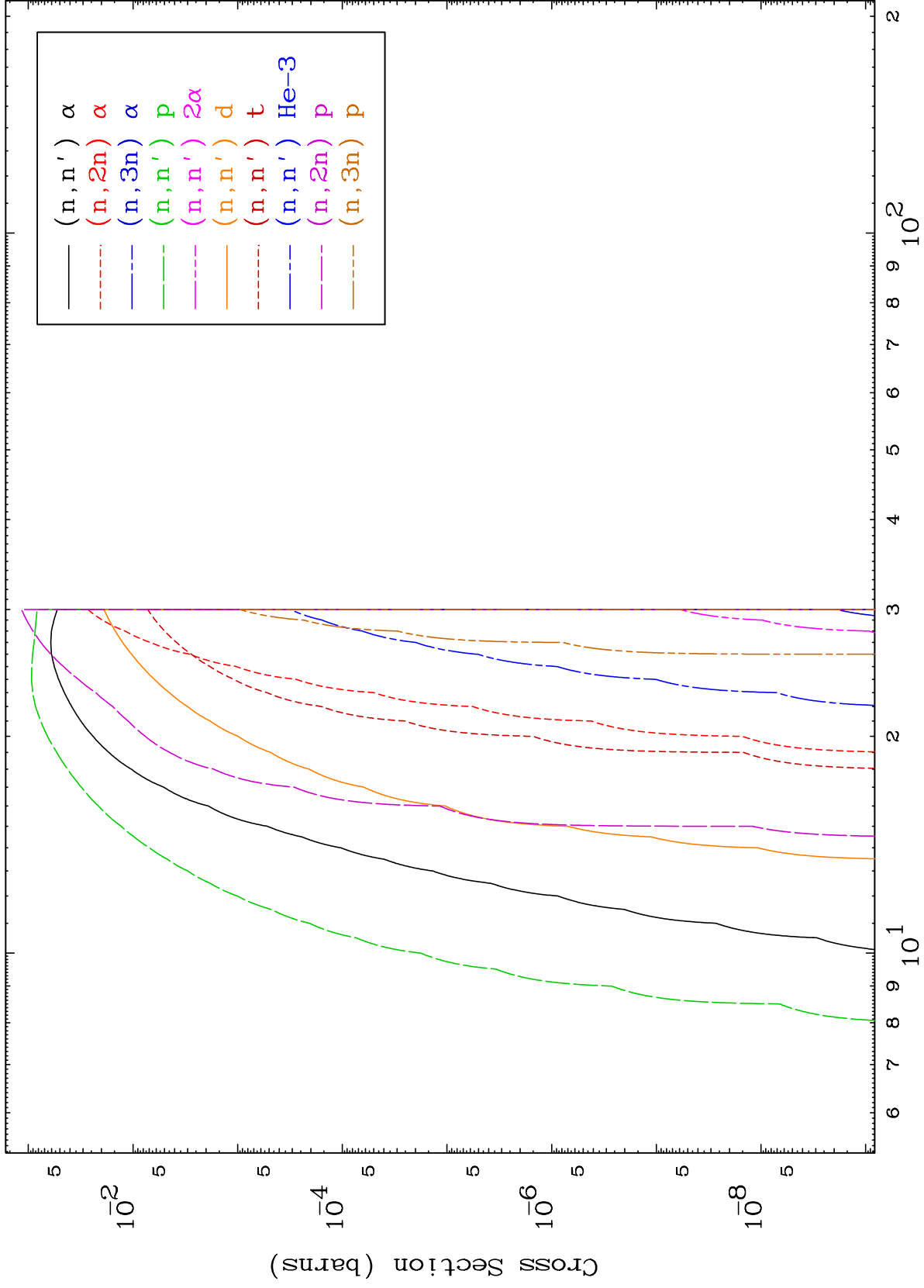
Incident Energy (MeV)

39-Y -90

Neutron Production
293 Kelvin Cross Sections



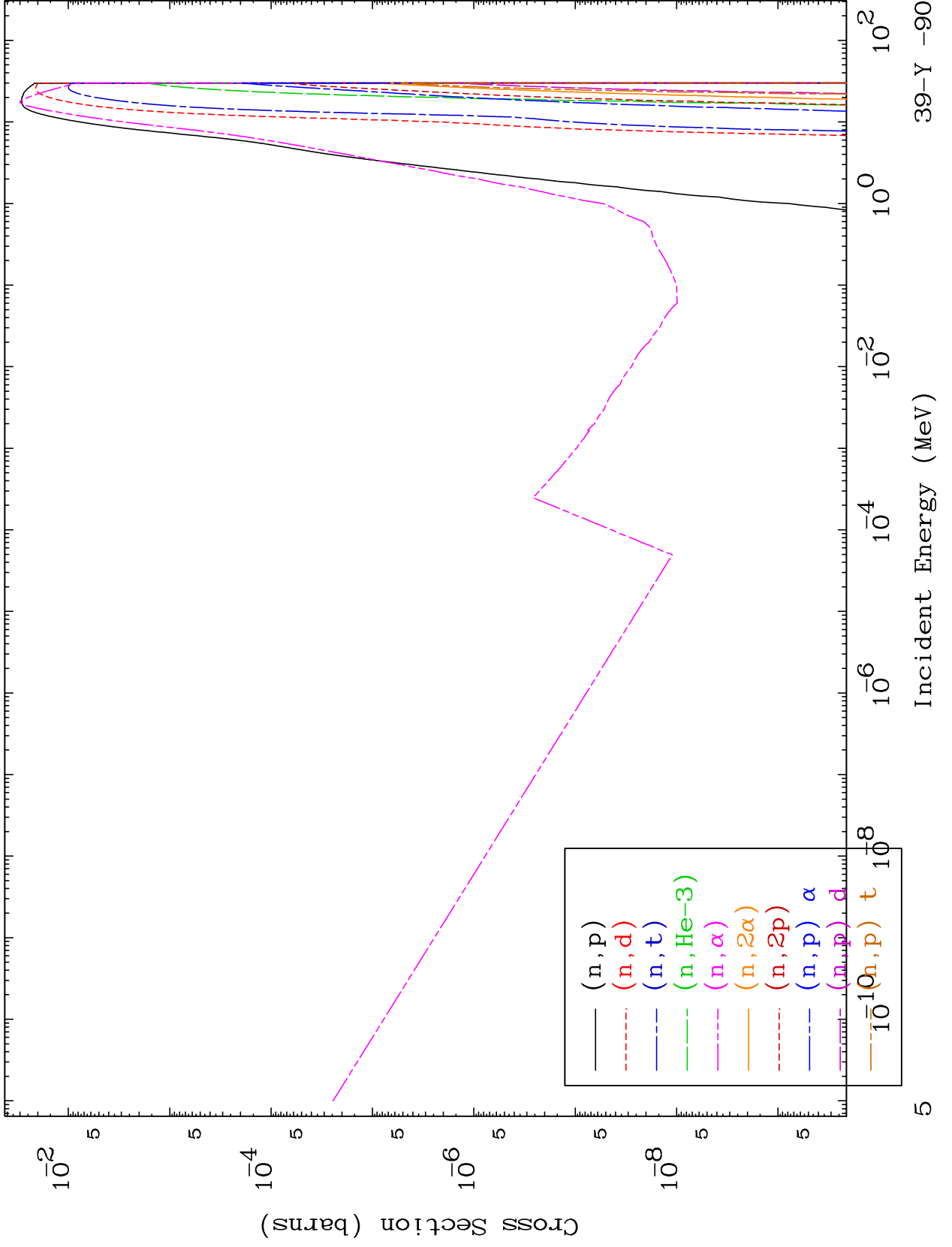
Charged Particle
293 Kelvin Cross Sections



MAT 3929

Charged Particle
293 Kelvin Cross Sections

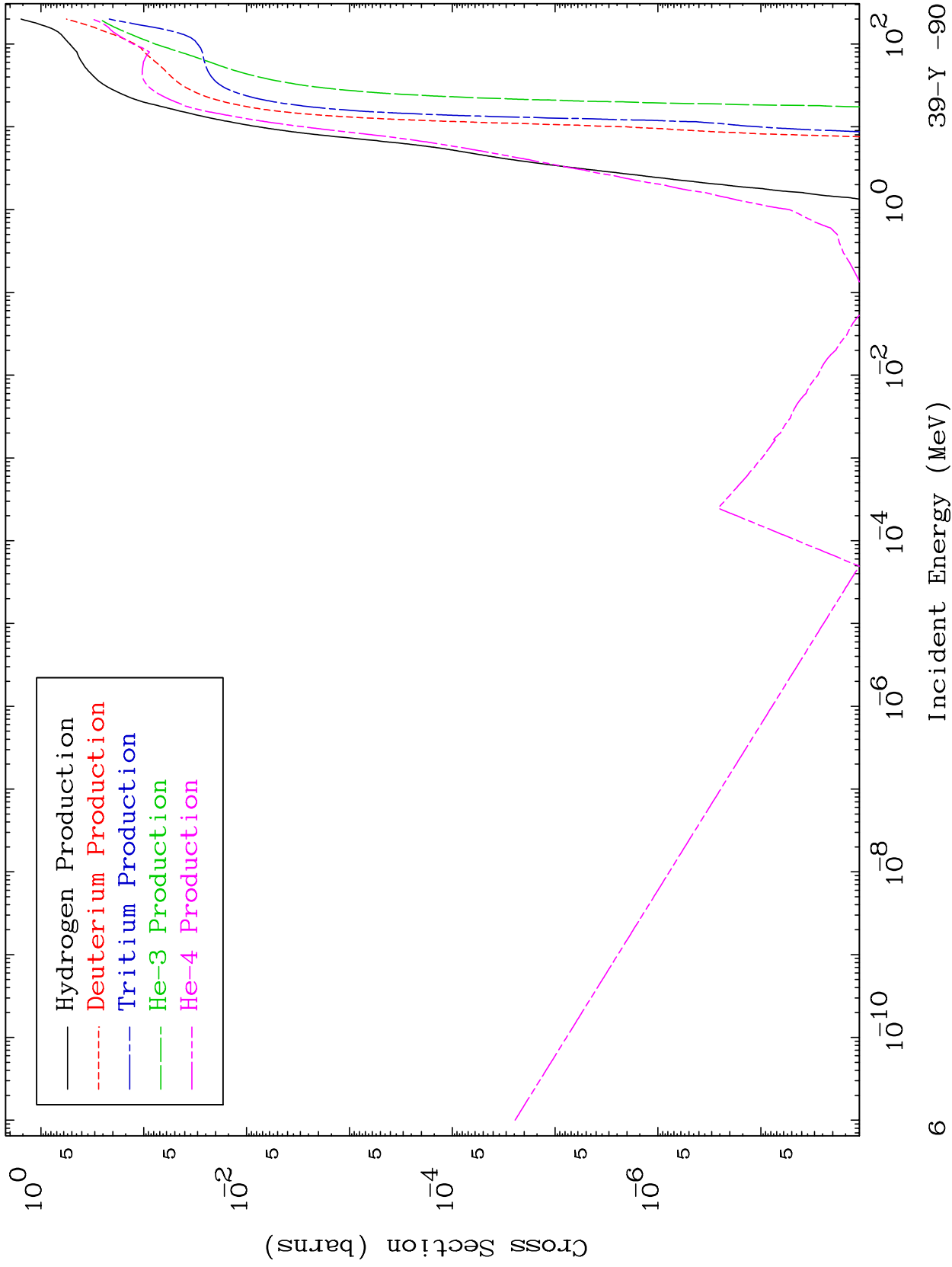
39-Y -90



MAT 3929

Particle Production
293 Kelvin Cross Sections

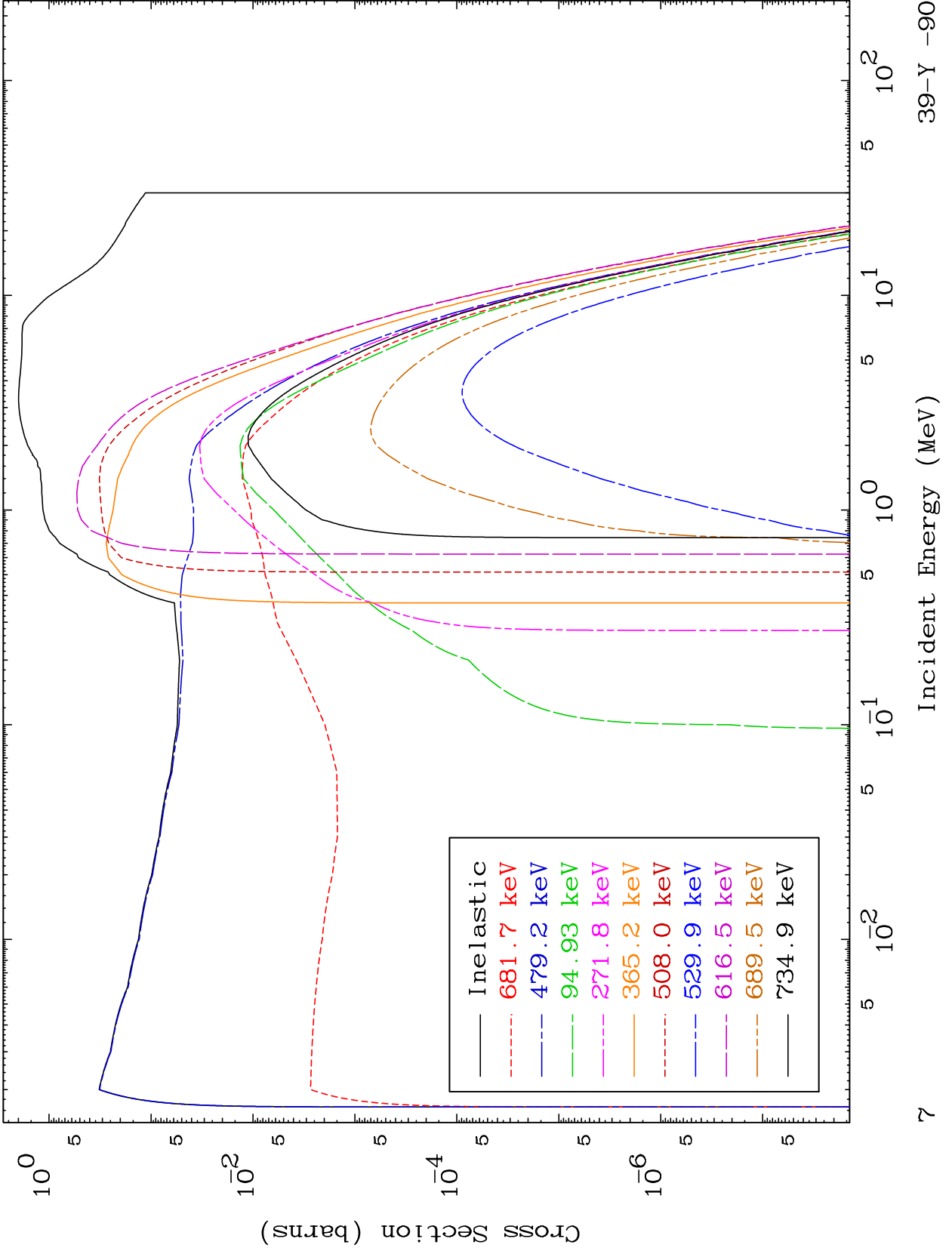
39-Y -90



MAT 3929

(n,n') Level
293 Kelvin Cross Sections

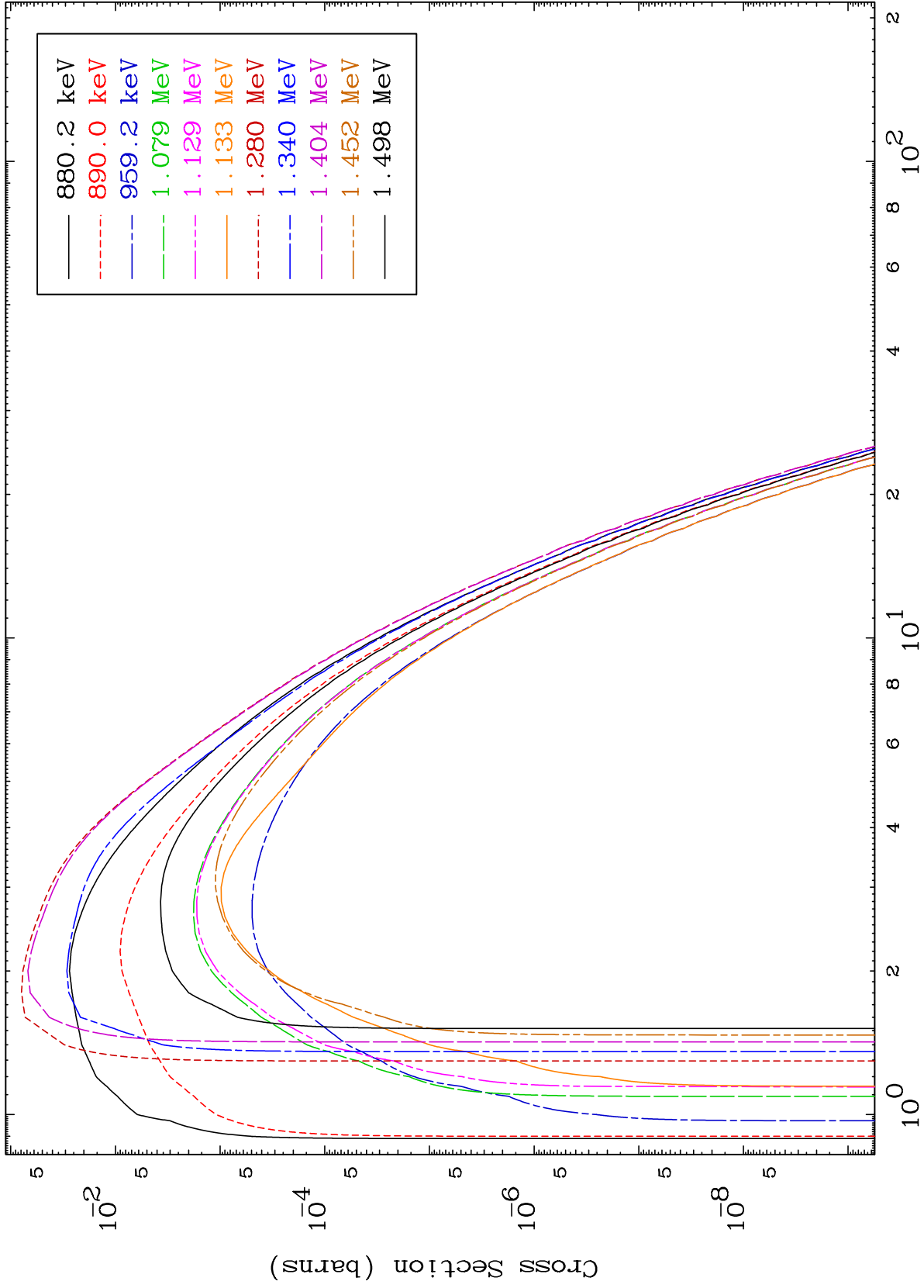
39-Y -90



MAT 3929

(n,n') Level
293 Kelvin Cross Sections

39-Y -90



Incident Energy (MeV)

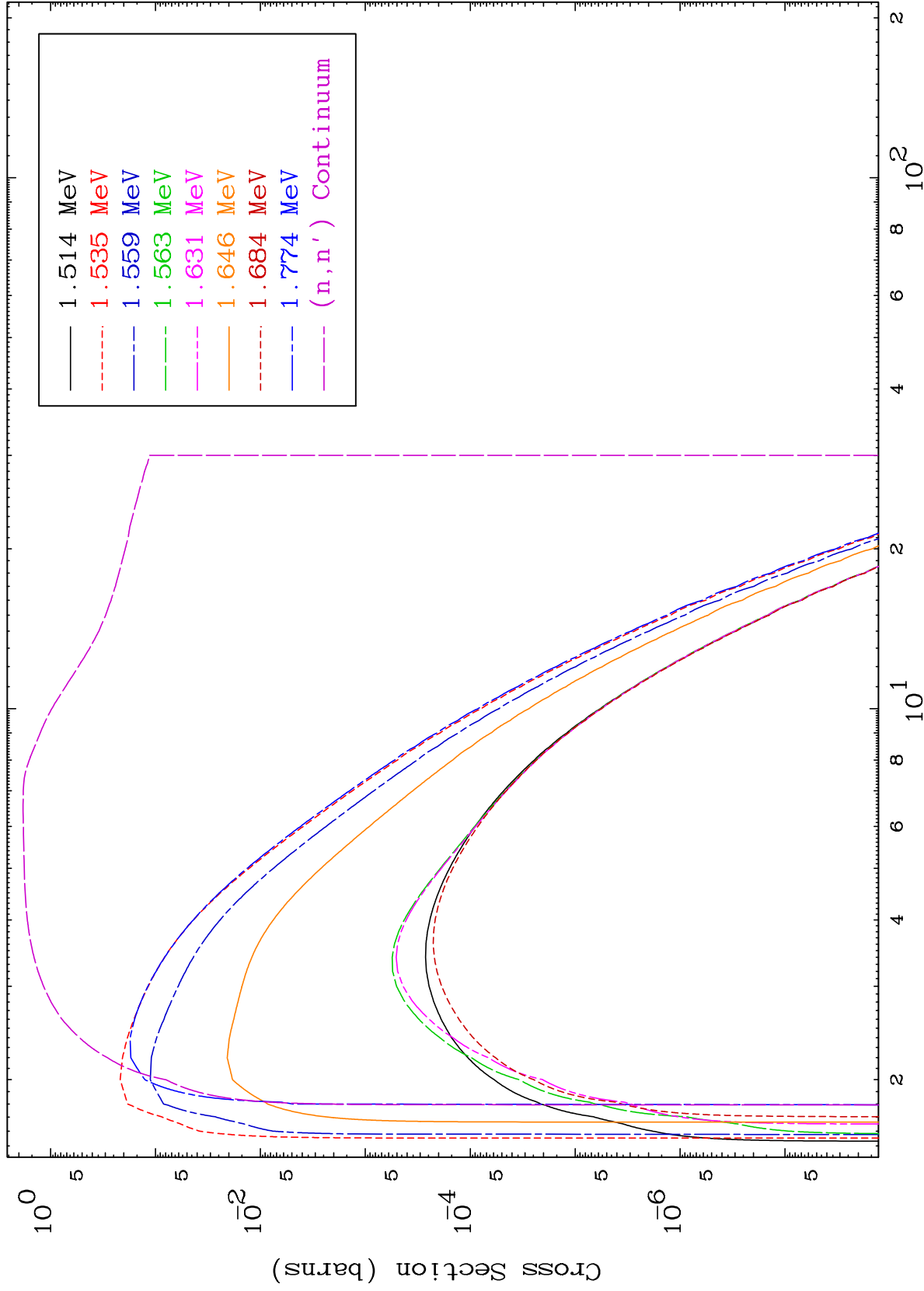
39-Y -90

MAT 3929

(n,n') Level

39-Y -90

293 Kelvin Cross Sections



9

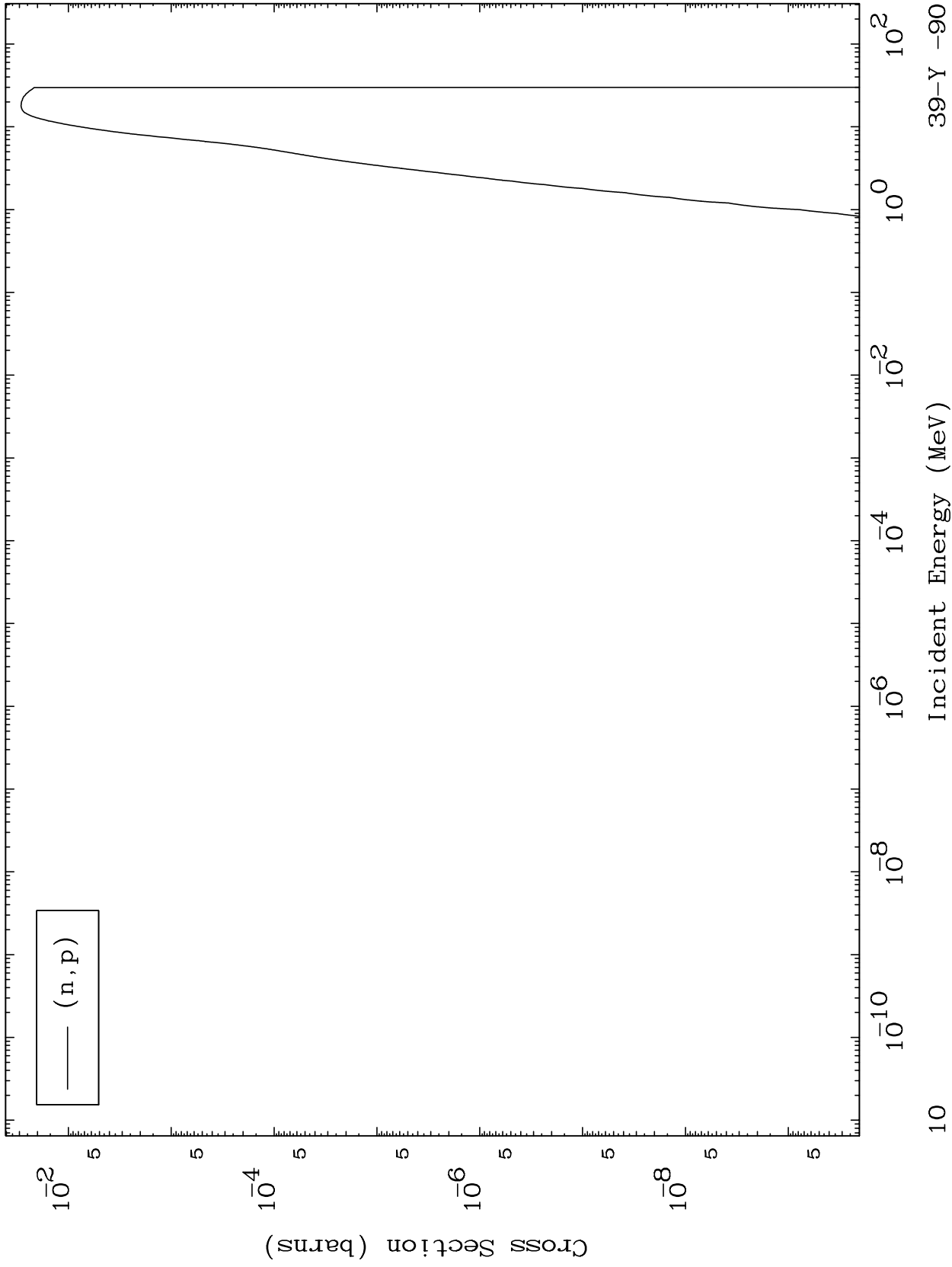
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,p) Levels
293 Kelvin Cross Sections

39-Y -90



10

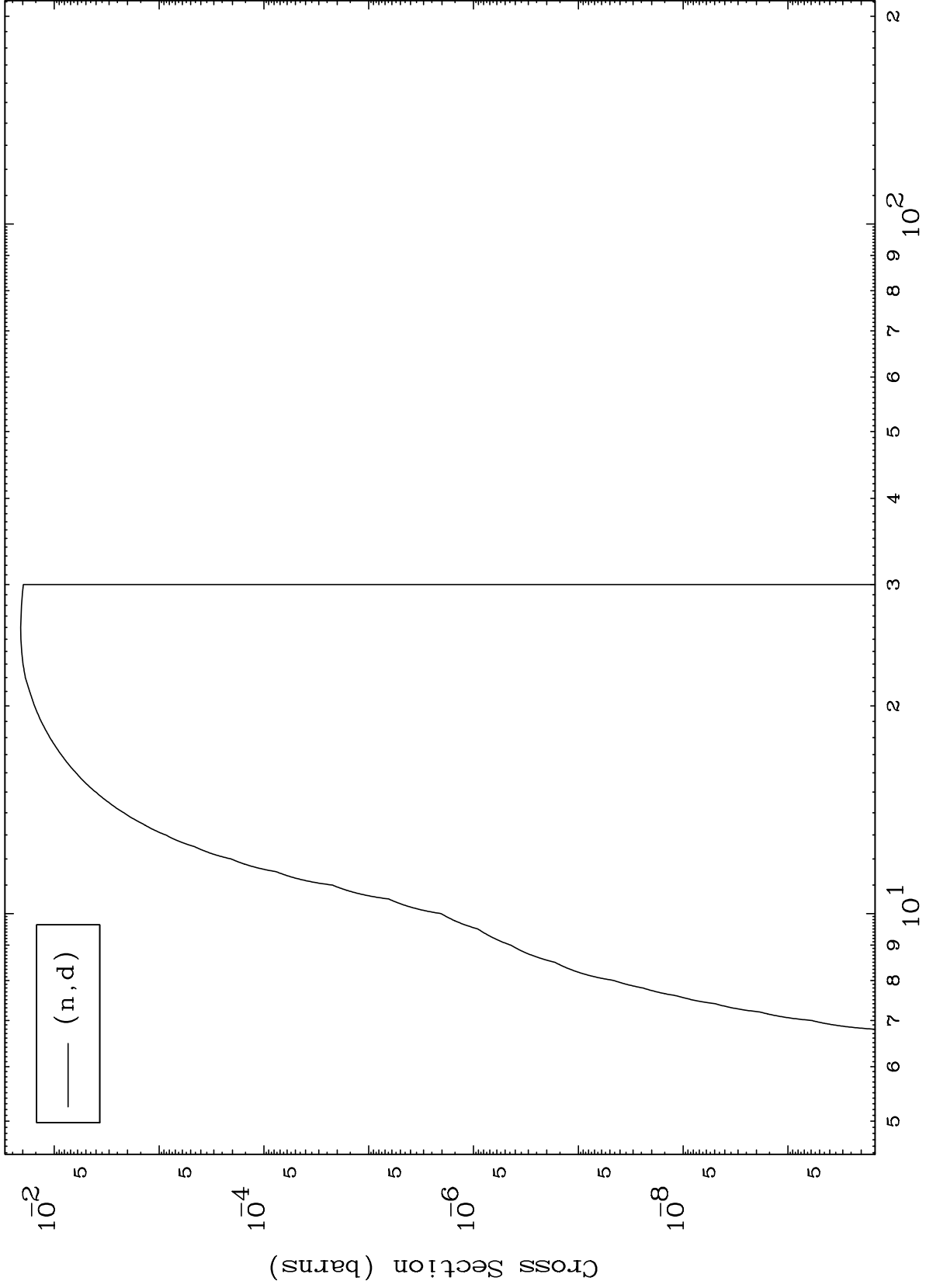
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,d) Levels
293 Kelvin Cross Sections

39-Y -90



11

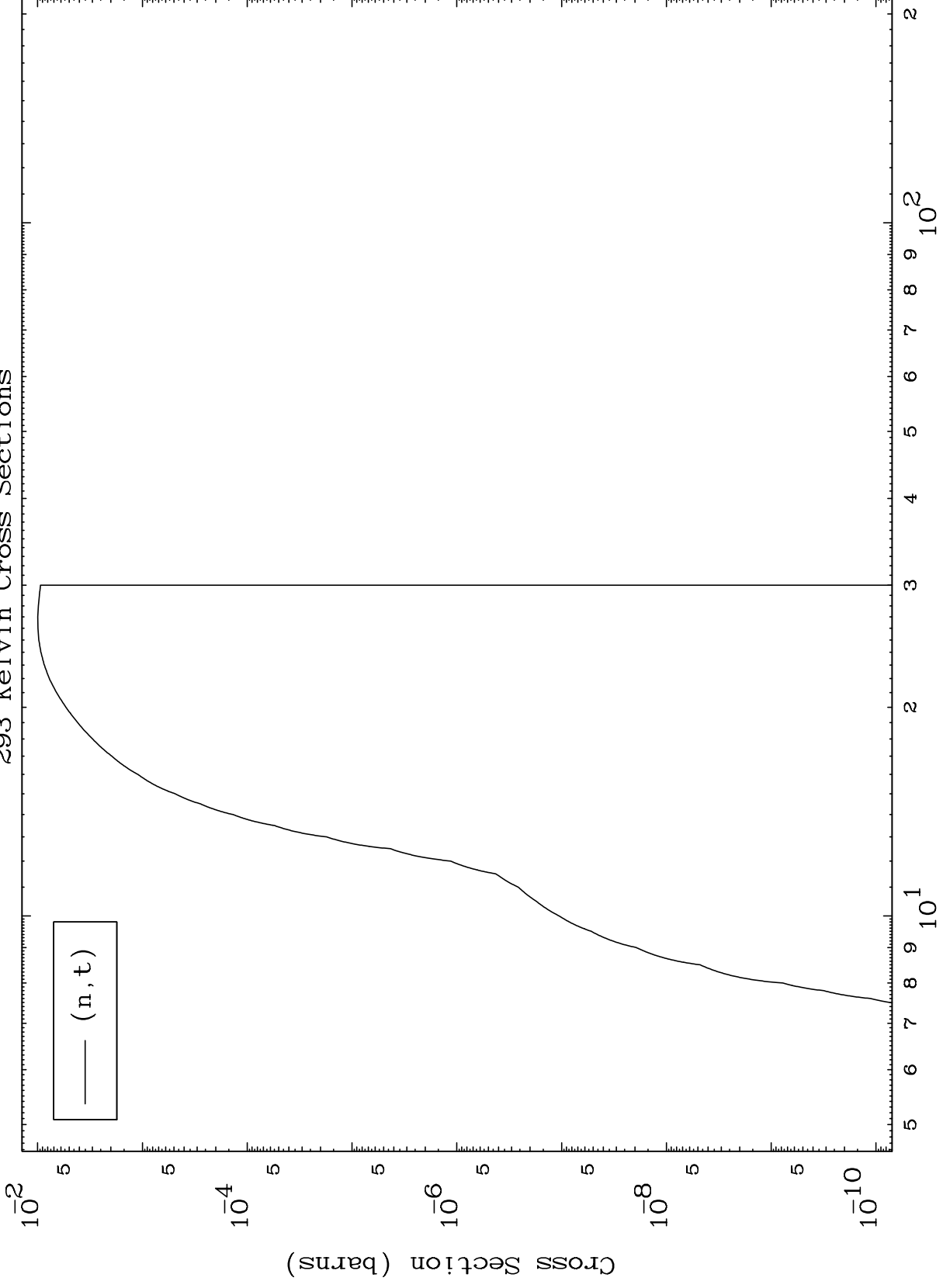
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,t) Levels
293 Kelvin Cross Sections

39-Y -90



12

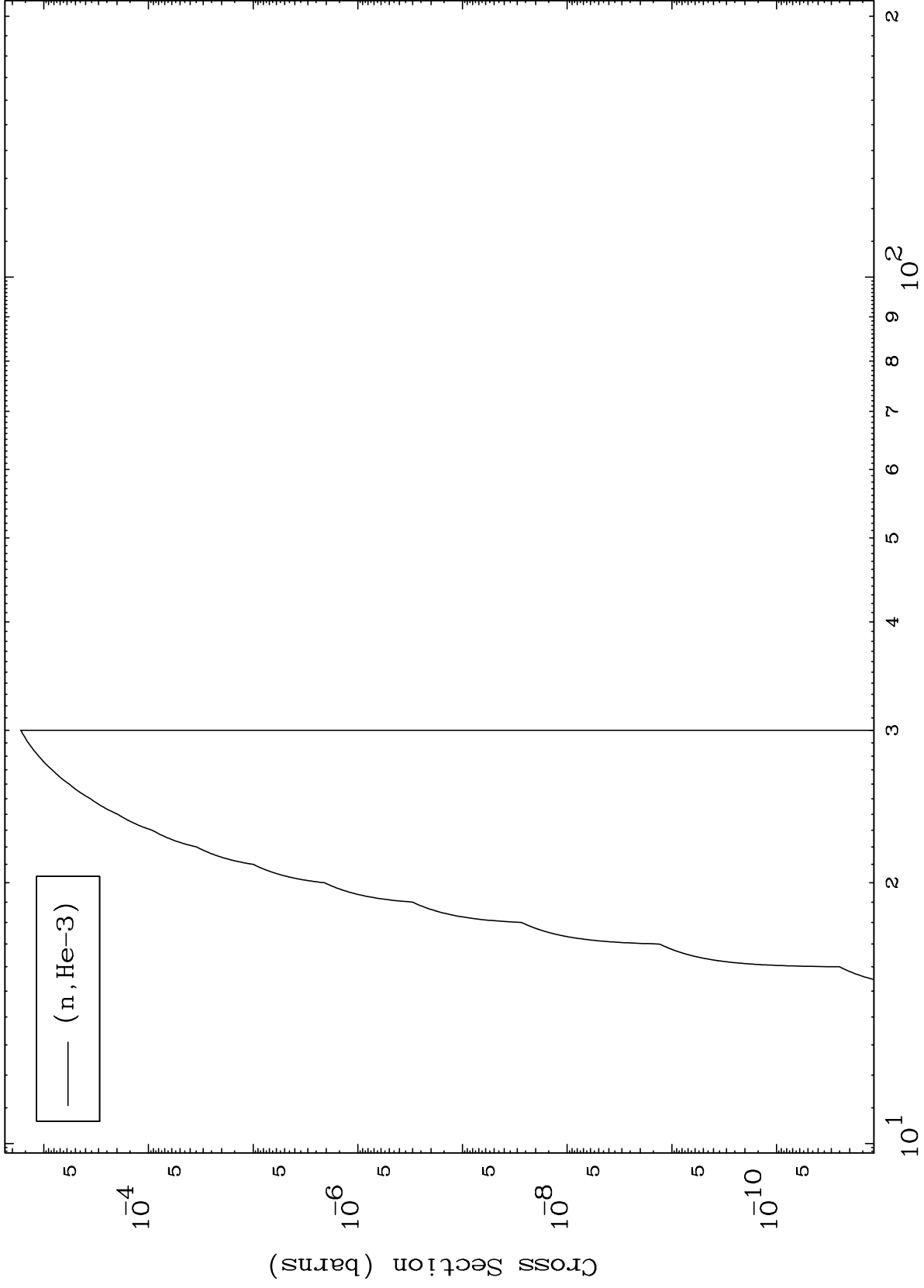
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -90



13

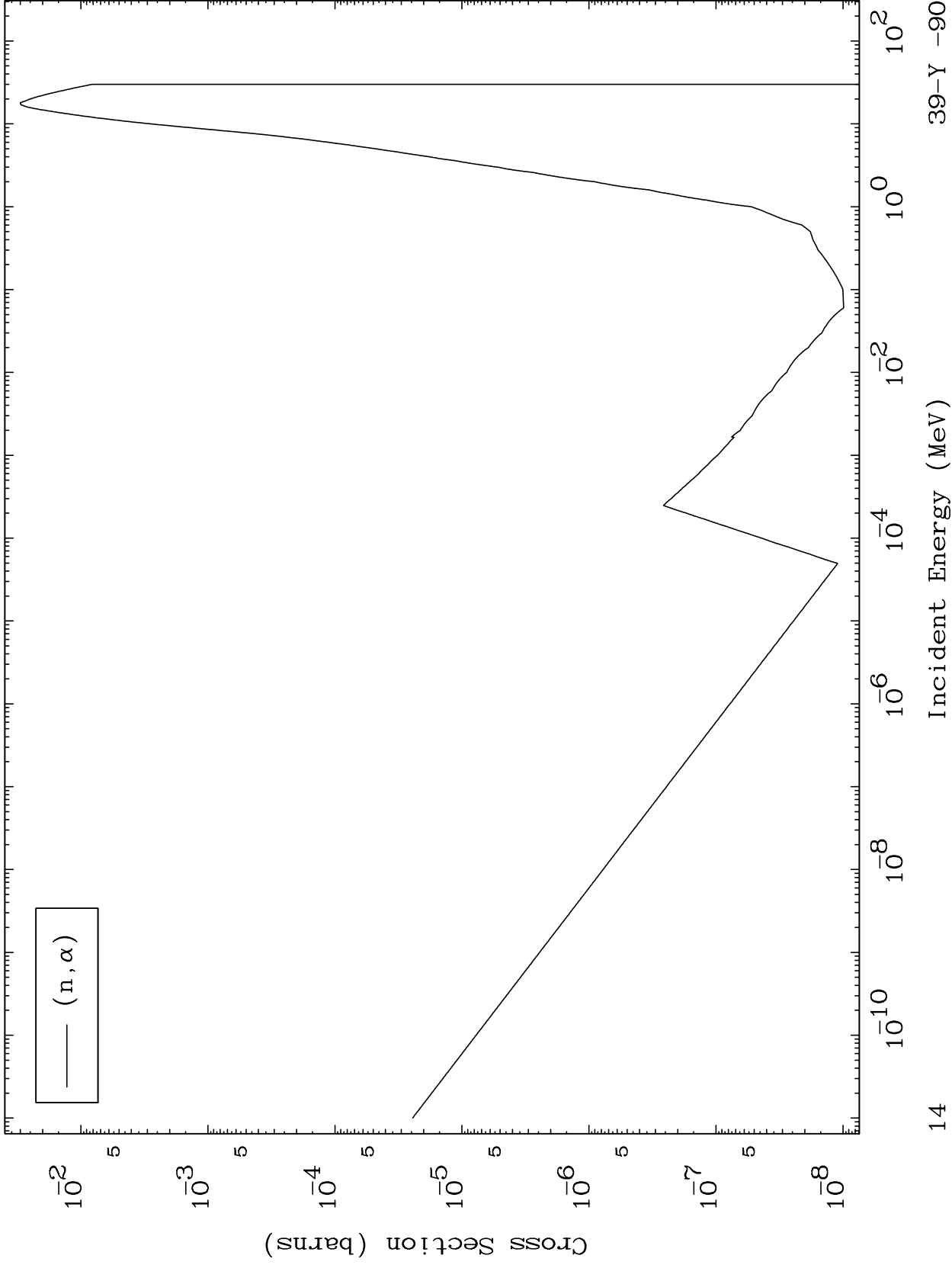
Incident Energy (MeV)

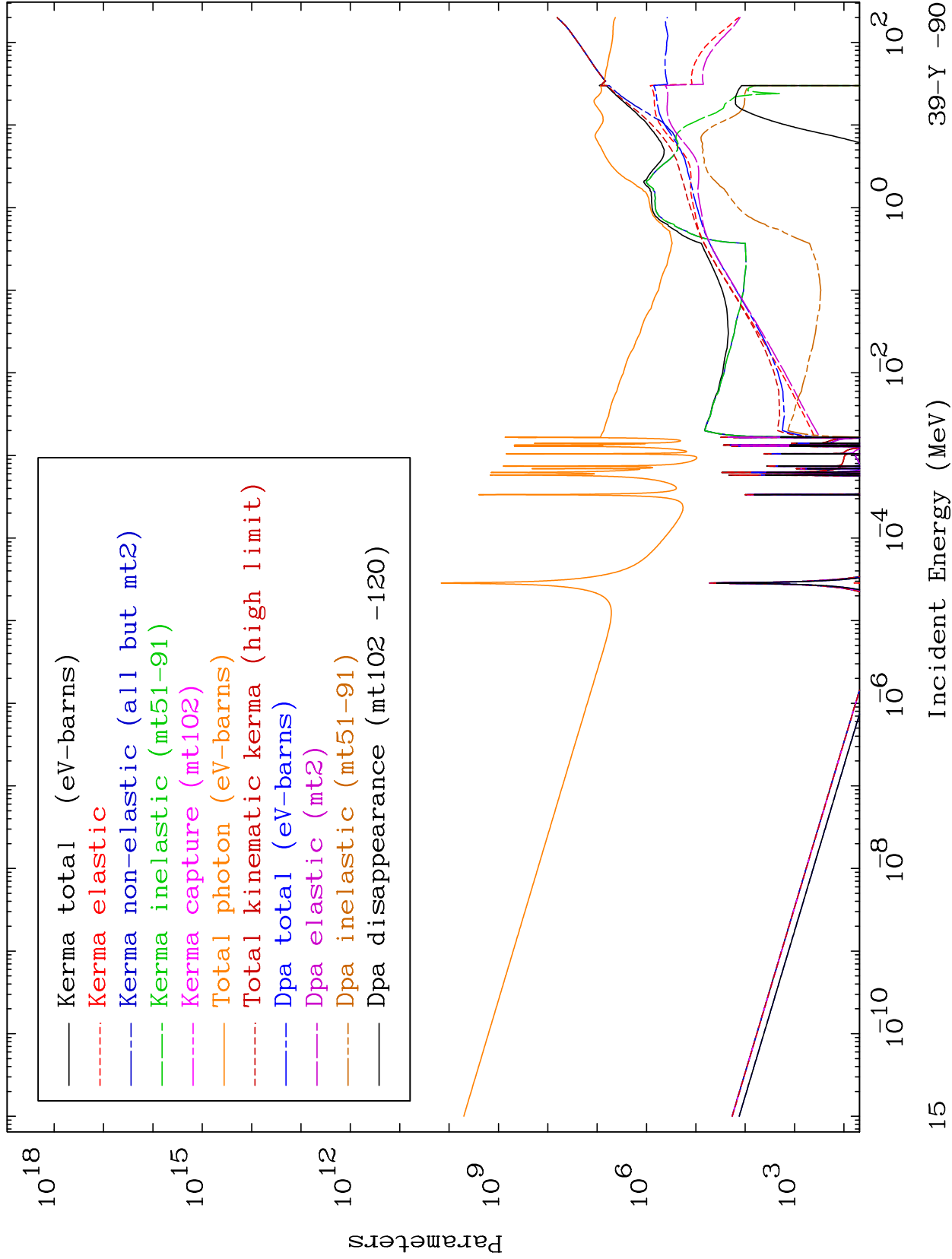
39-Y -90

MAT 3929

(n, α) Levels
293 Kelvin Cross Sections

39-Y -90

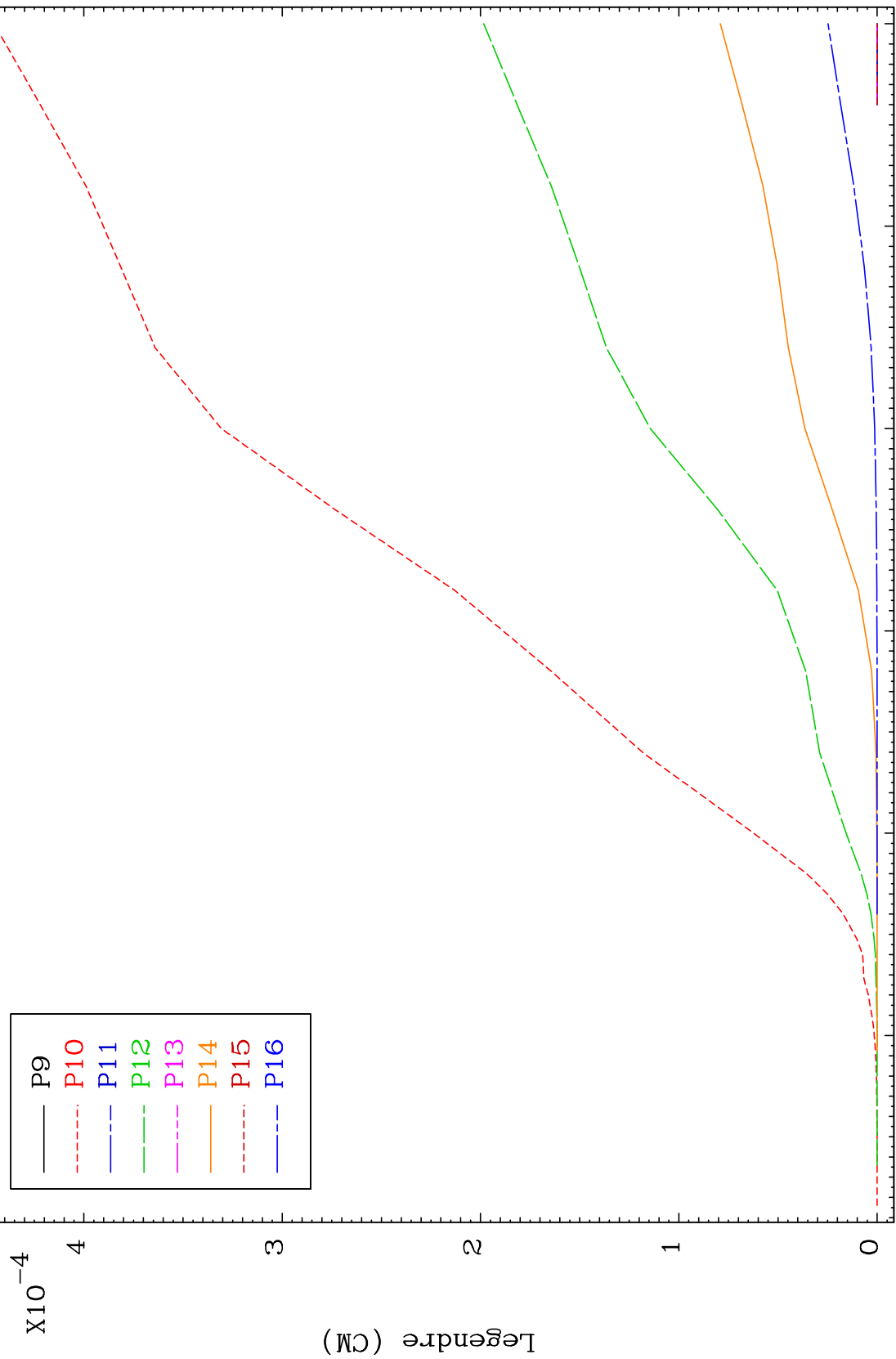
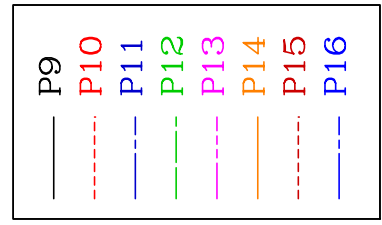




MAT 3929

Elastic Legendre Coefficients

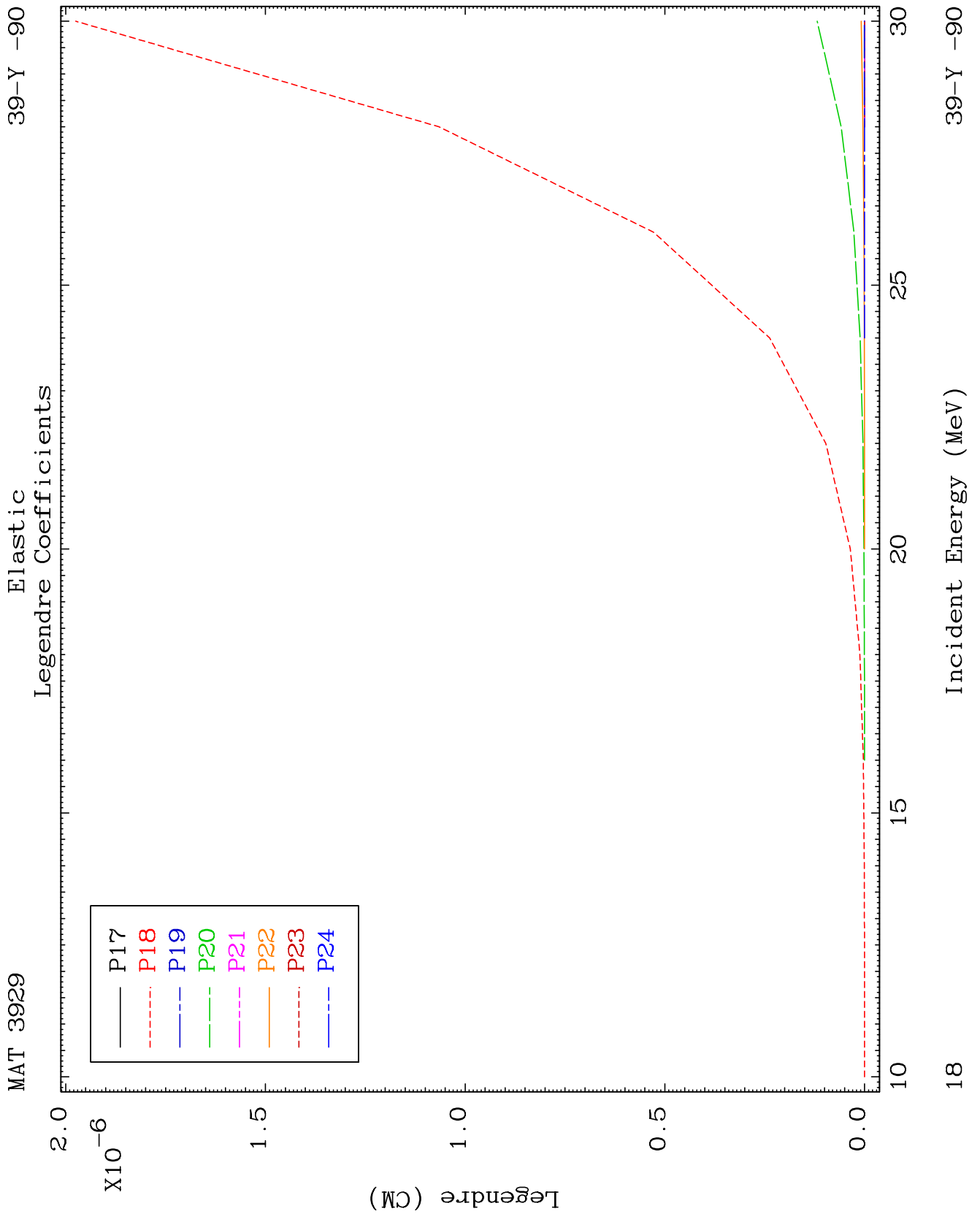
39-Y -90



17

Incident Energy (MeV)

39-Y -90



MAT 3929

Elastic Legendre Coefficients

39-Y -90

18

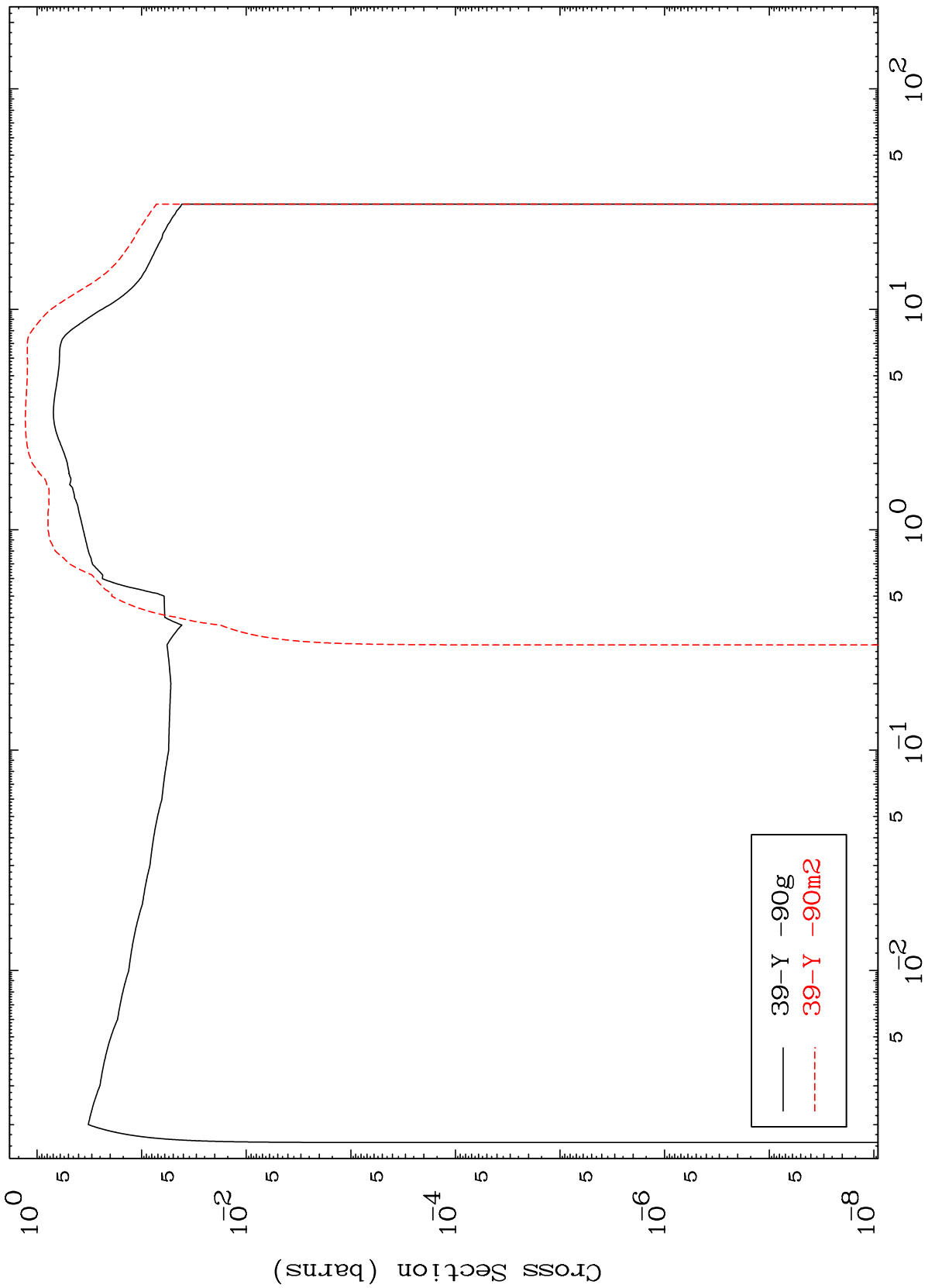
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

Inelastic
Radionuclide Production Cross Section



19

39-Y -90

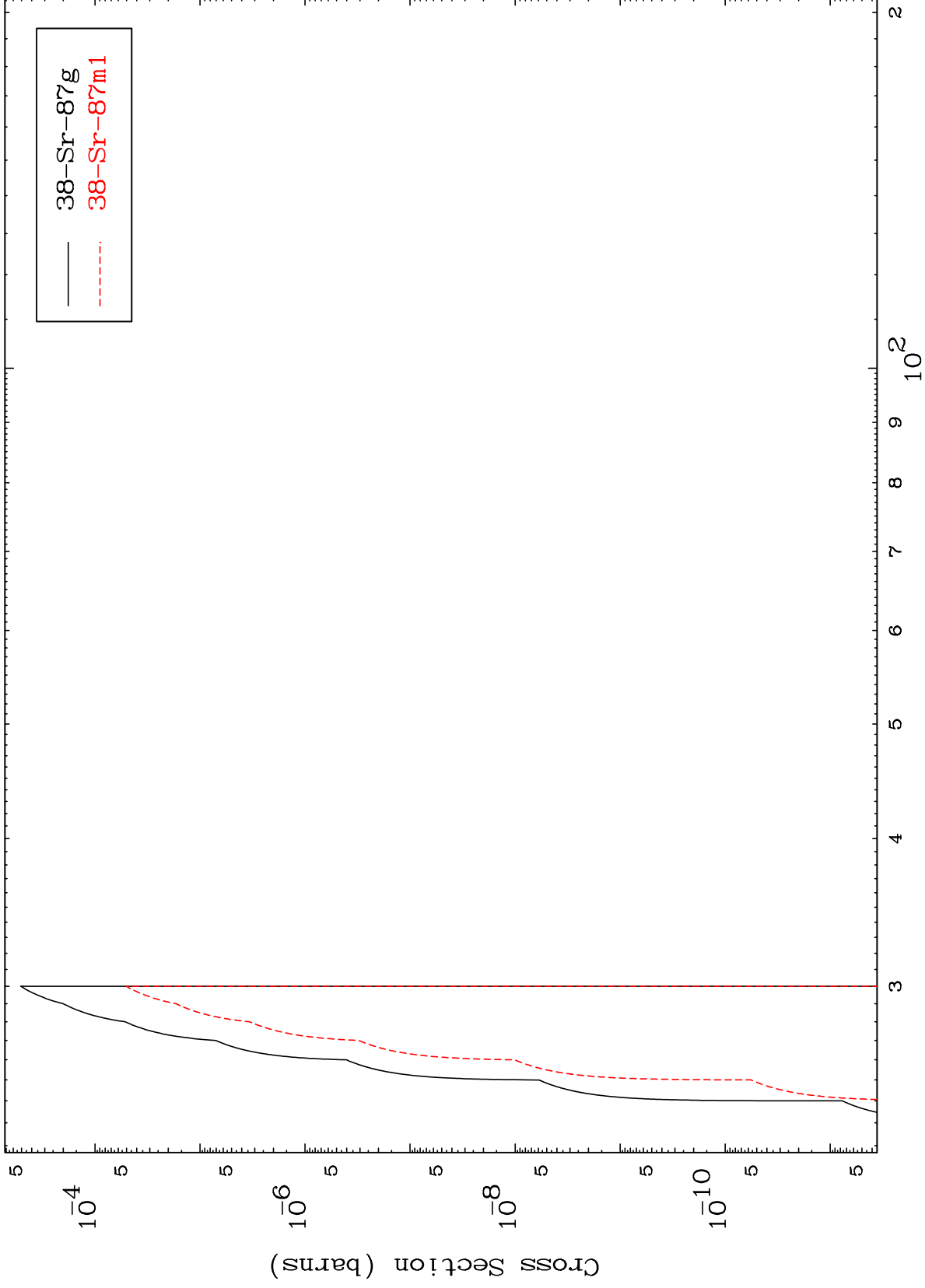
Incident Energy (MeV)

MAT 3929

(n,2n) d

39-Y -90

Radionuclide Production Cross Section



20

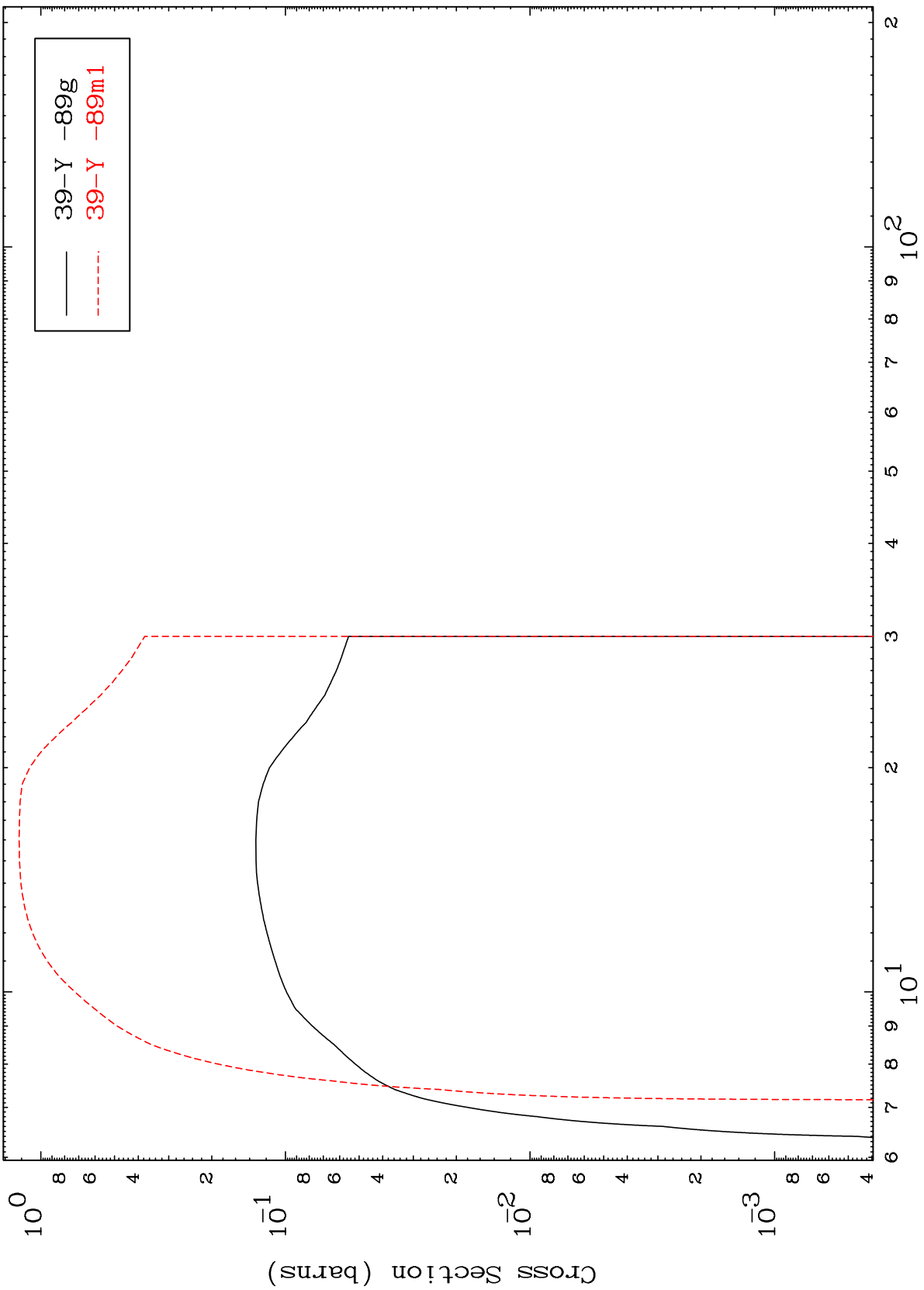
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

(n,2n)
Radionuclide Production Cross Section



21

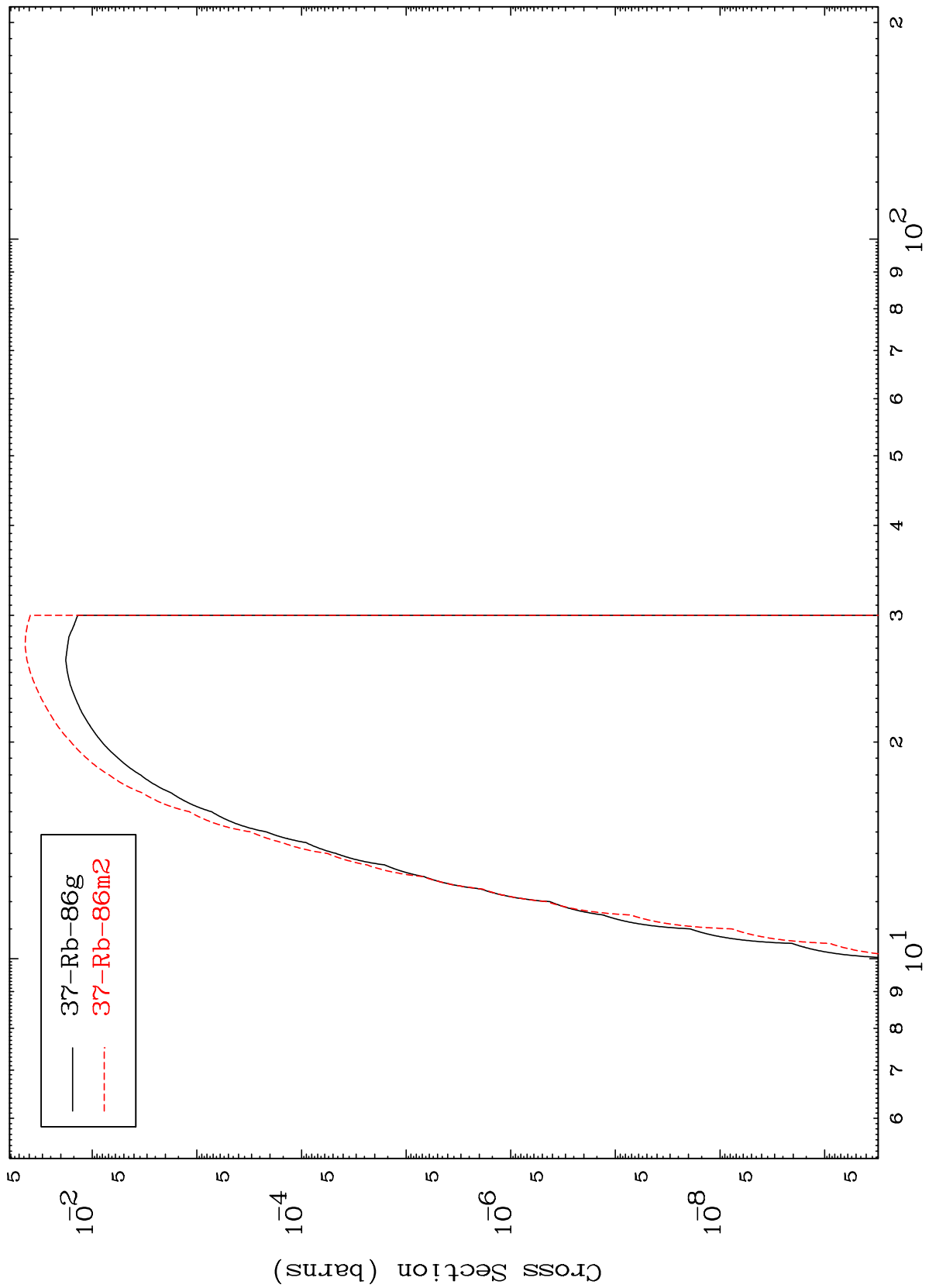
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

$(n, n') \alpha$
Radionuclide Production Cross Section



22

Incident Energy (MeV)

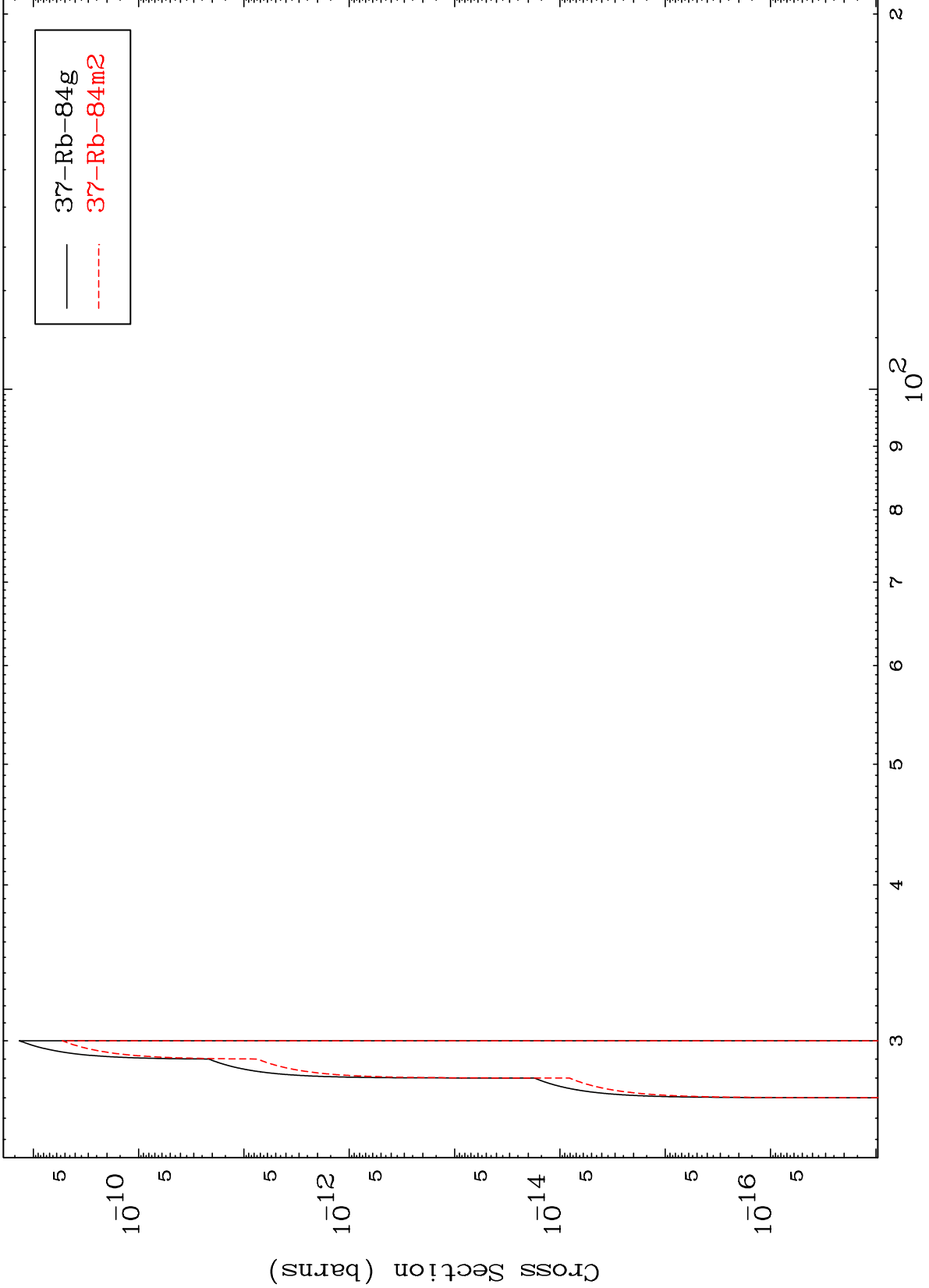
39-Y -90

MAT 3929

$(n,3n) \alpha$

39-Y -90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

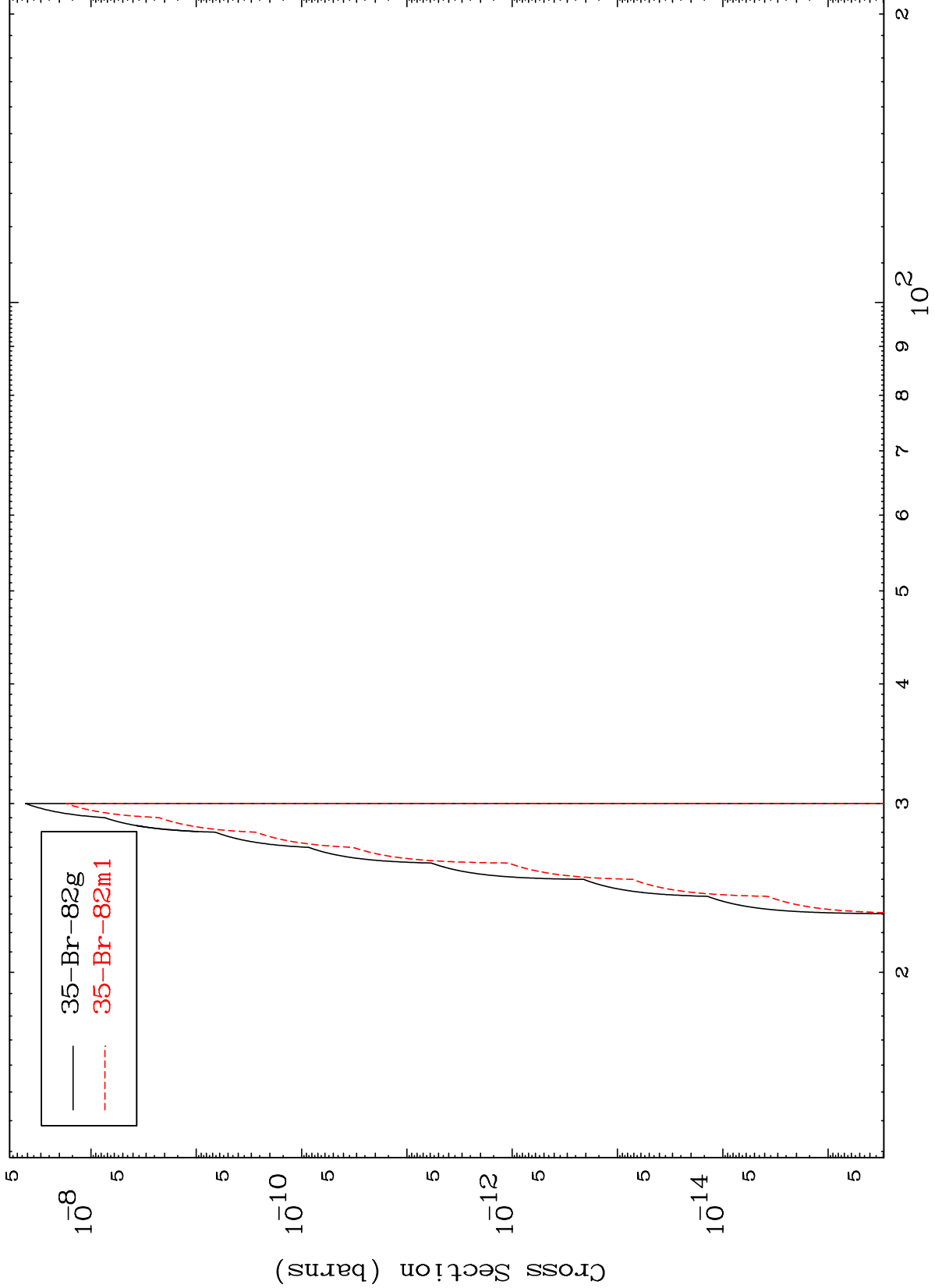
39-Y -90

MAT 3929

(n,n') 2α

39-Y -90

Radionuclide Production Cross Section

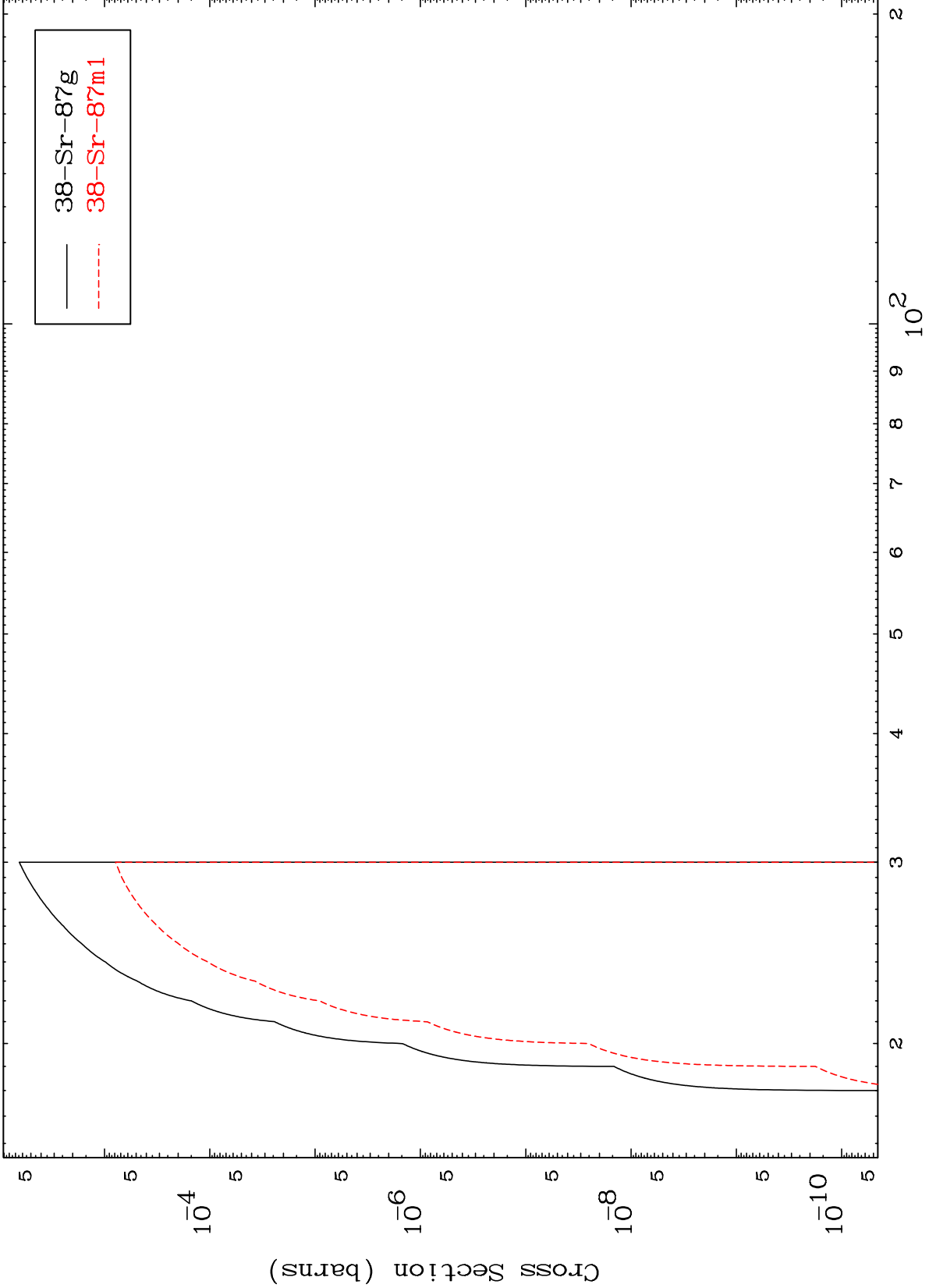


24

Incident Energy (MeV)

39-Y -90

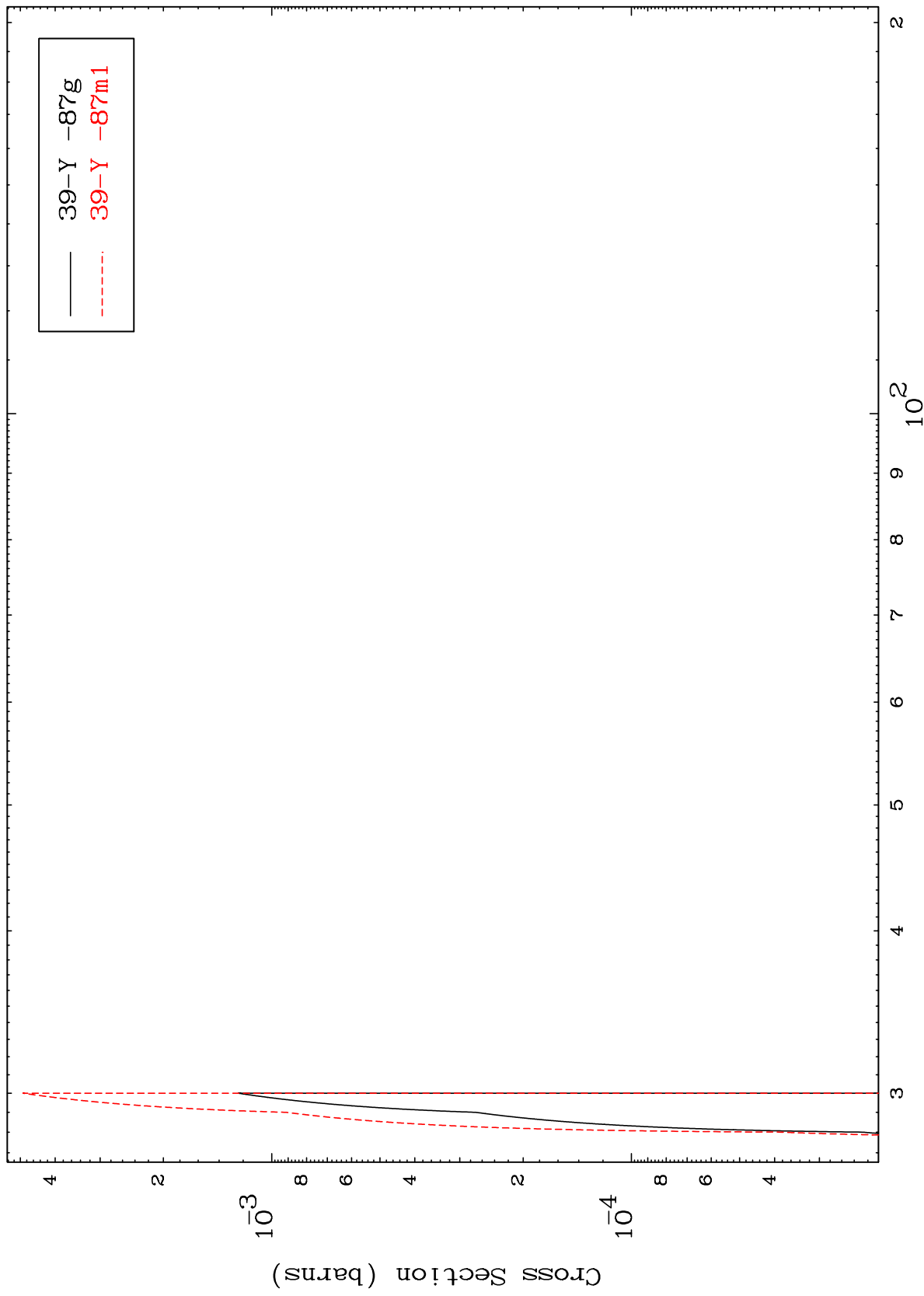
Radionuclide Production Cross Section



MAT 3929

39-Y -90

(n,4n)
Radionuclide Production Cross Section

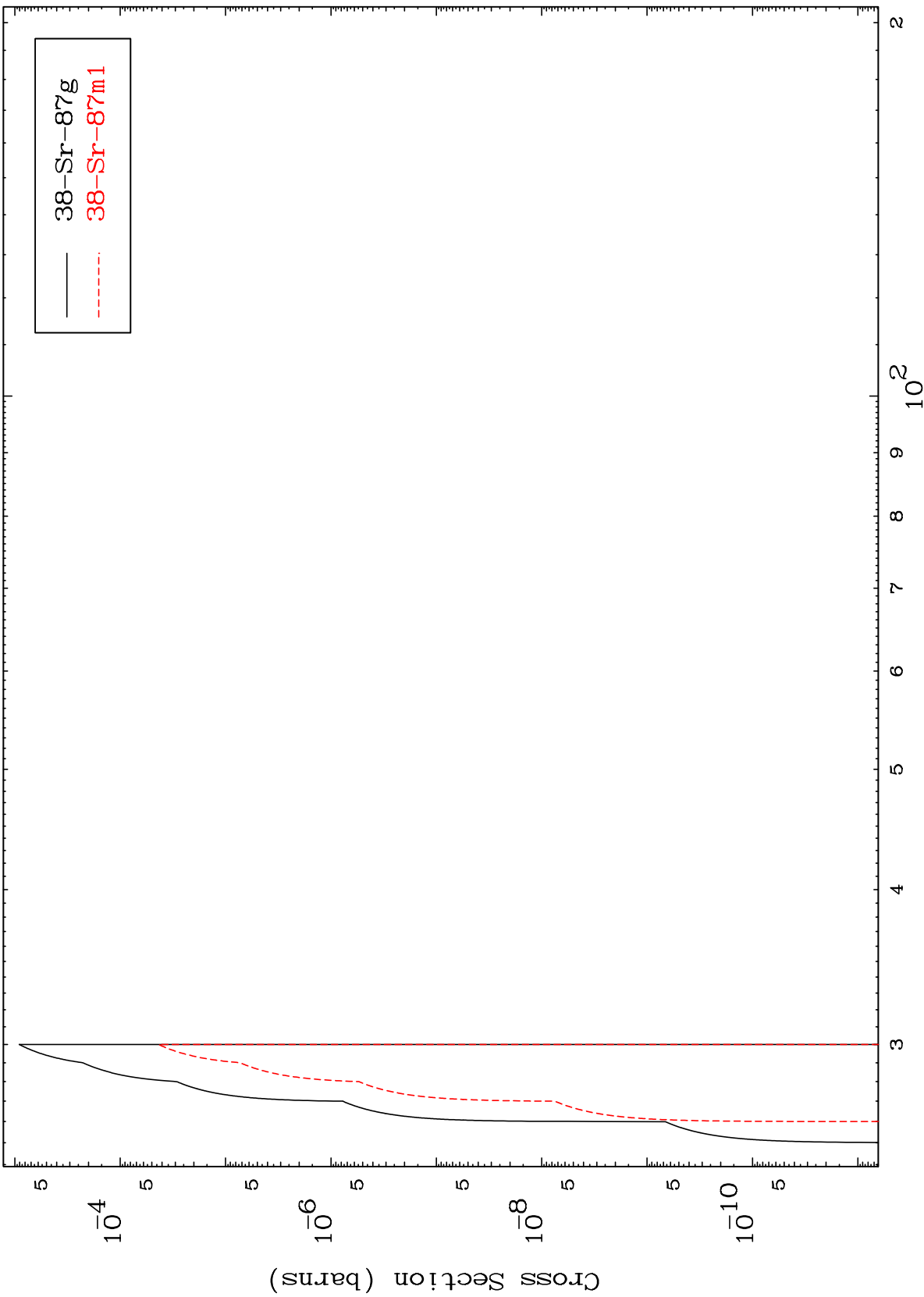


26

39-Y -90

Incident Energy (MeV)

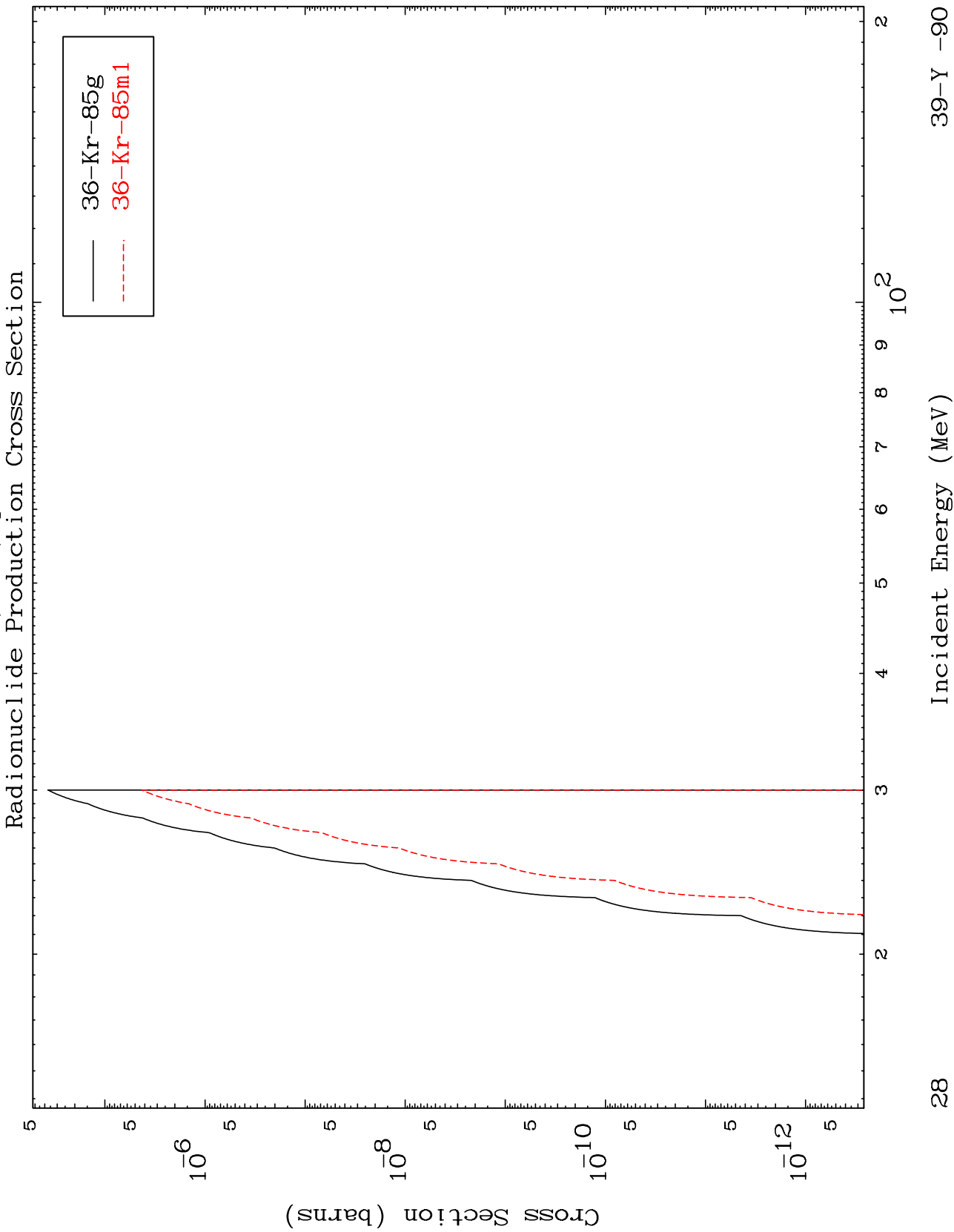
Radionuclide Production Cross Section



MAT 3929

(n,n') p α

39-Y -90



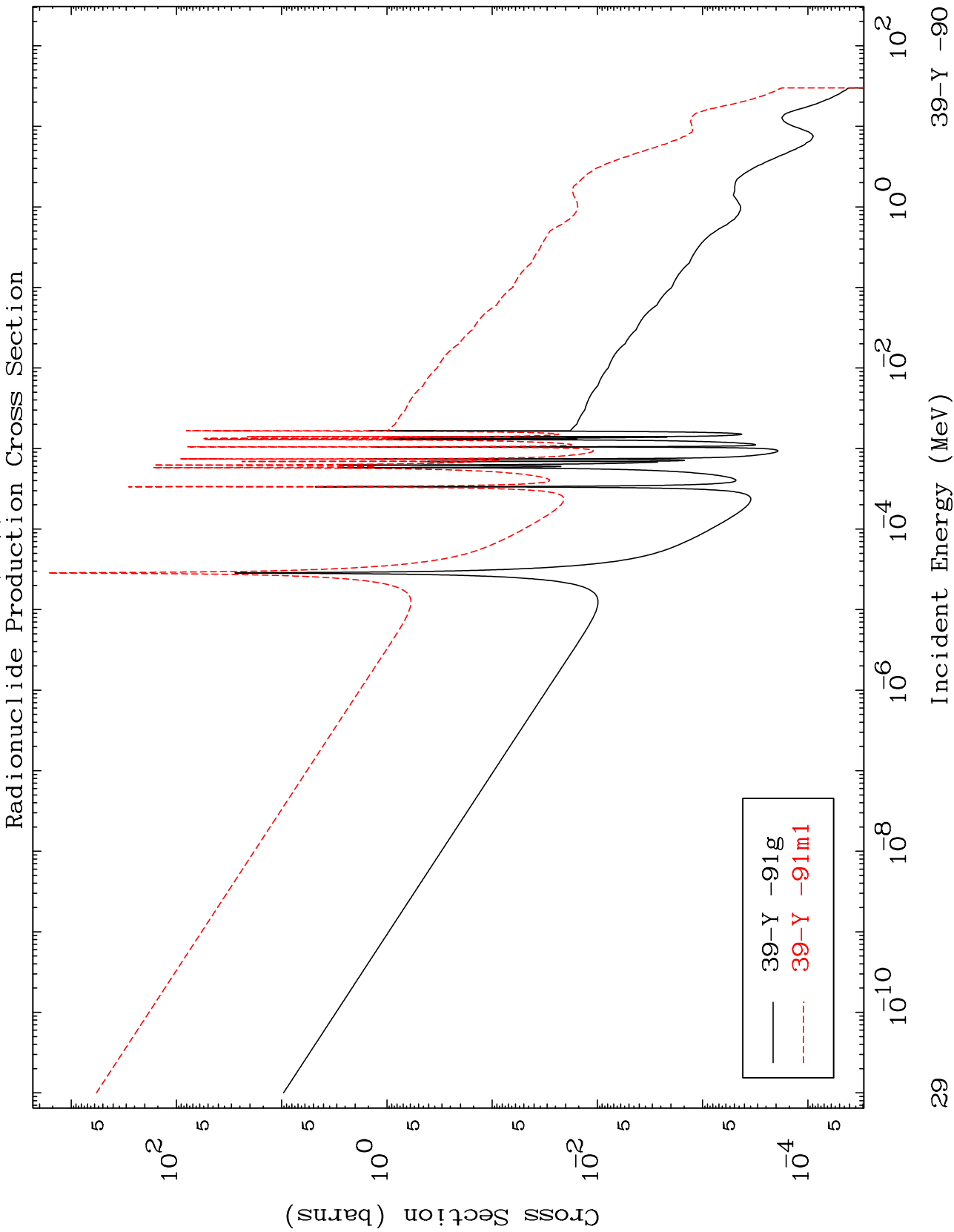
28

Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

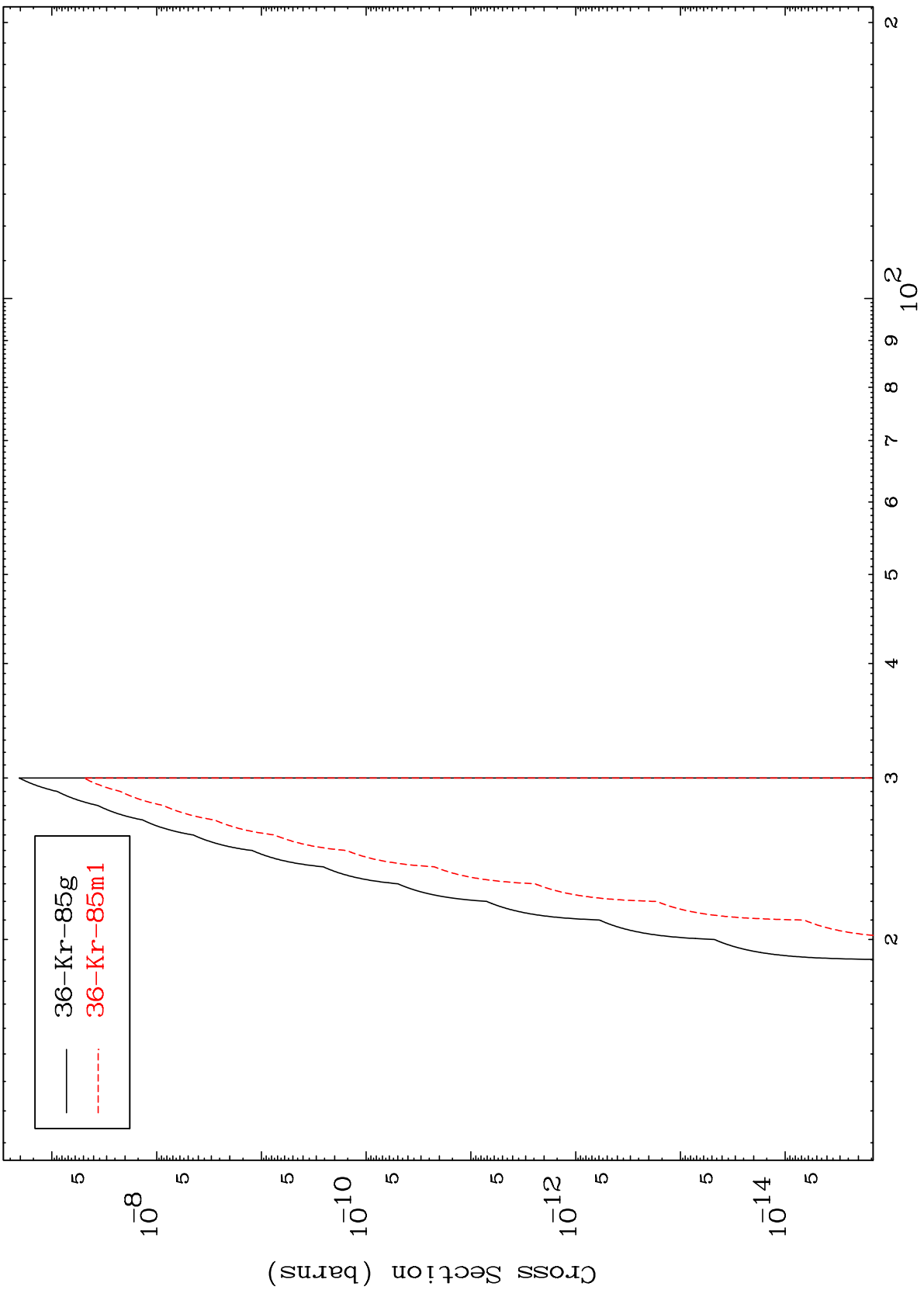


MAT 3929

(n,d) α

39-Y -90

Radionuclide Production Cross Section



— 36-Kr-85g
- - - 36-Kr-85m1

30

Incident Energy (MeV)

39-Y -90