

Program EVALPLOT
(Version 2018-1)

by

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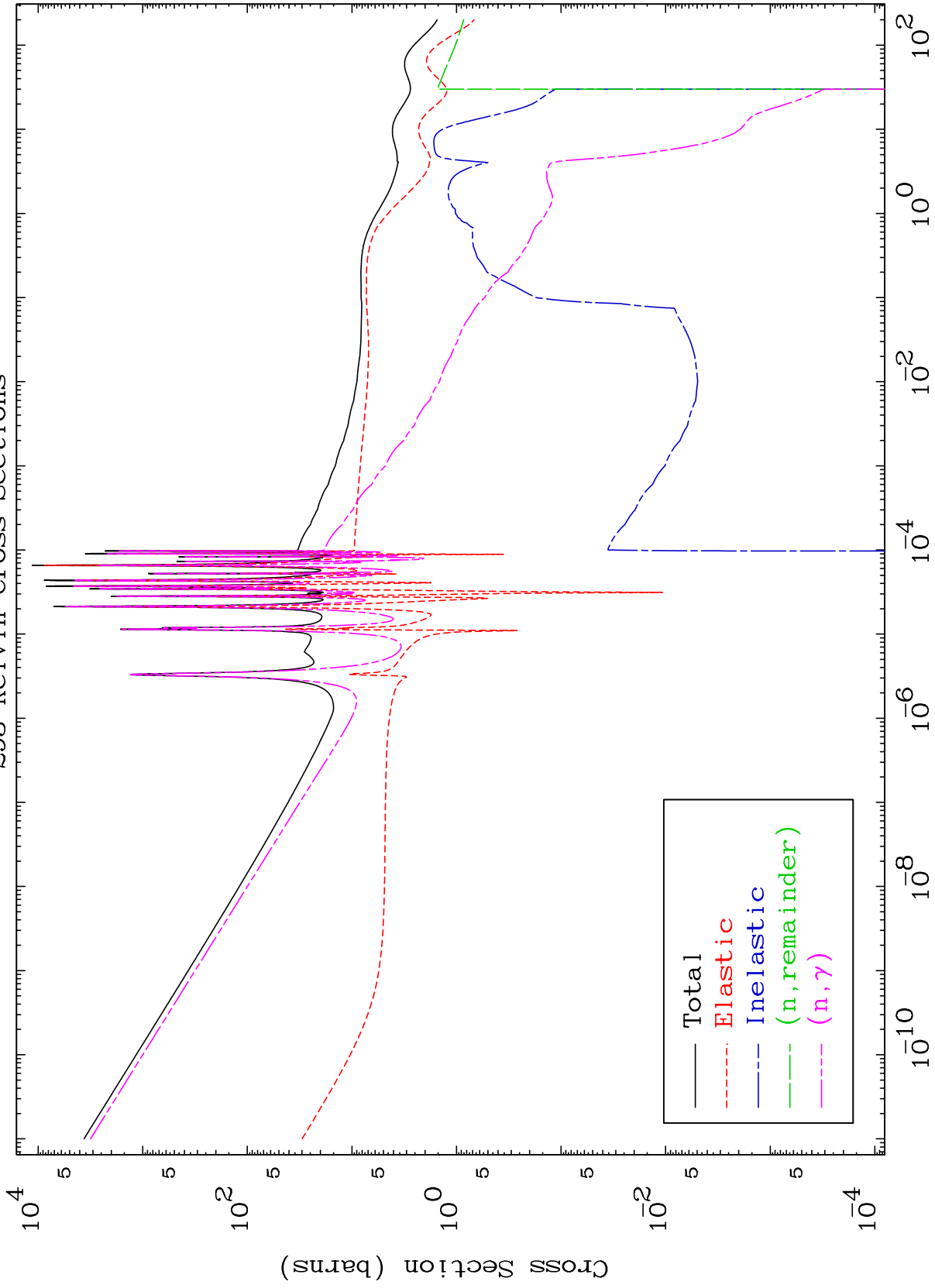
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

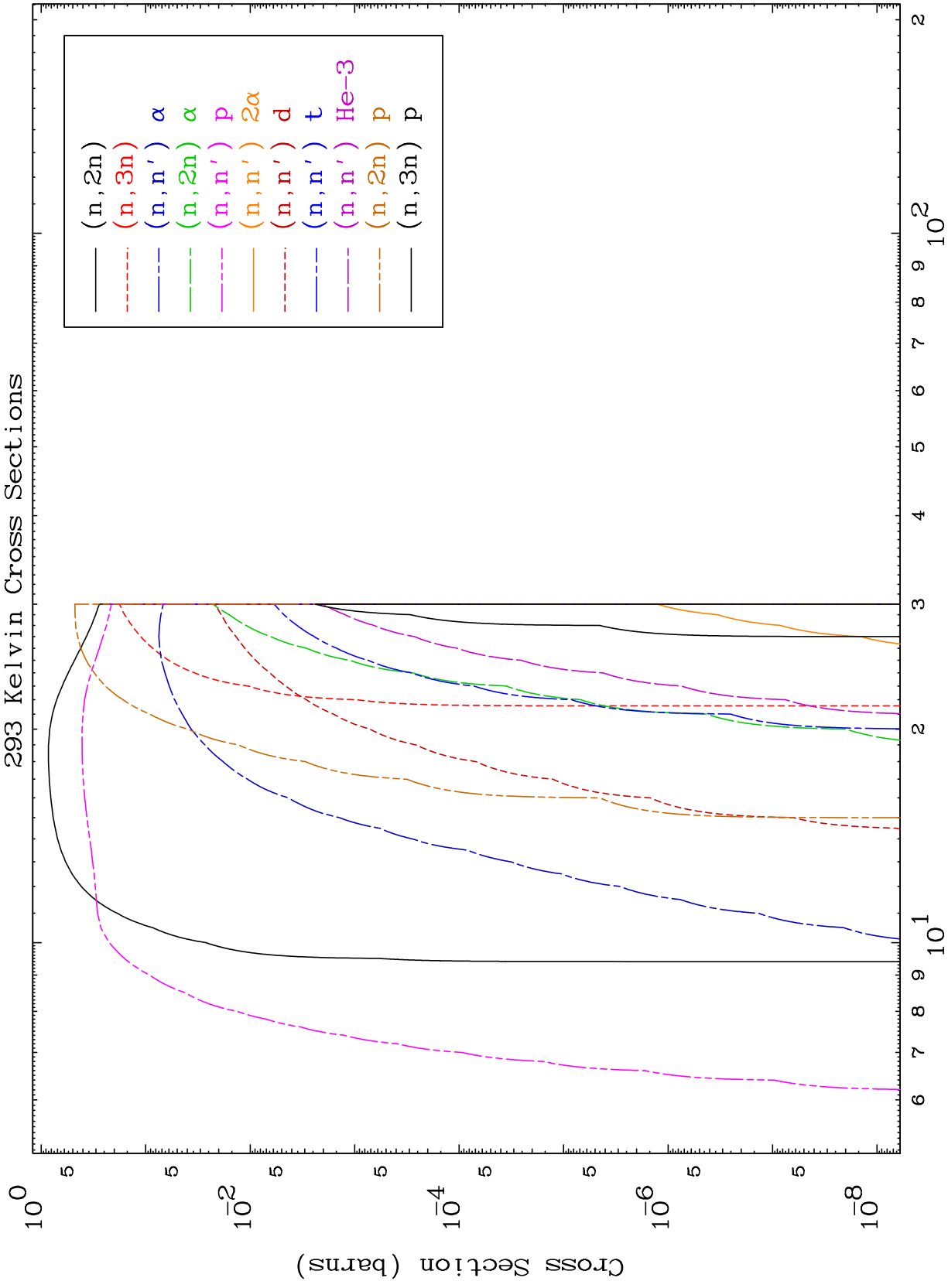
Press Mouse Button to Start

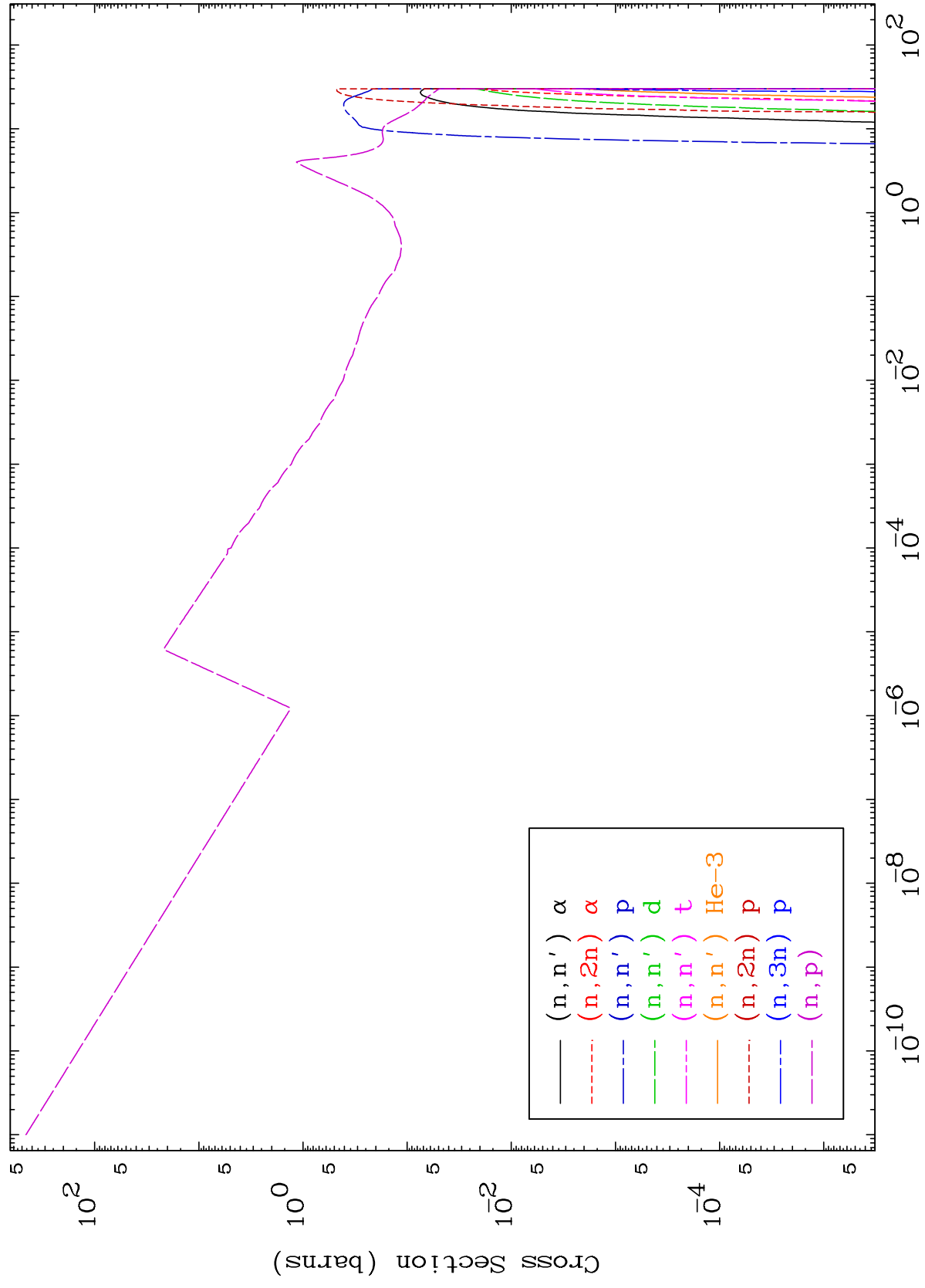
MAT 3917

Major
293 Kelvin Cross Sections

39-Y -86



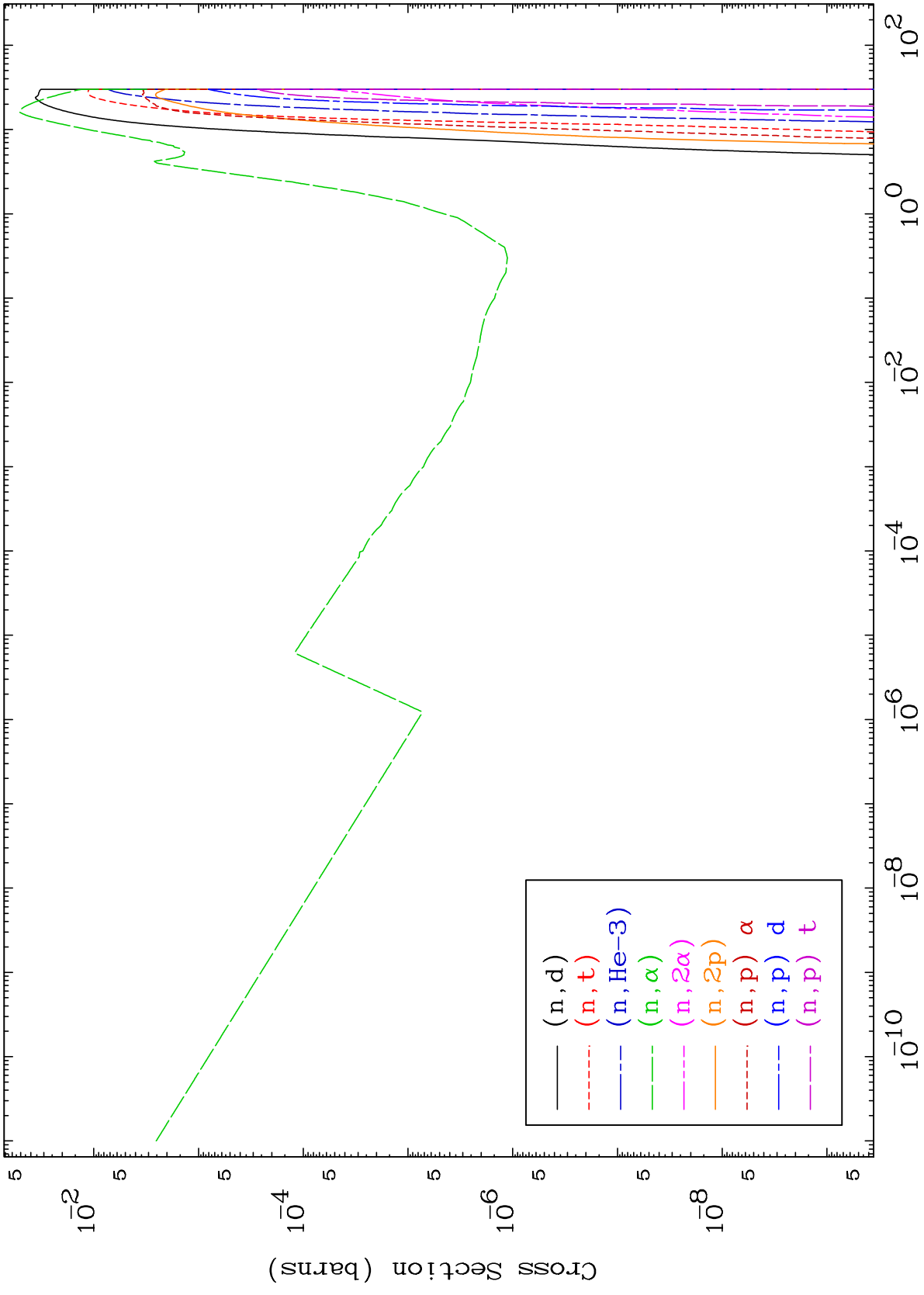




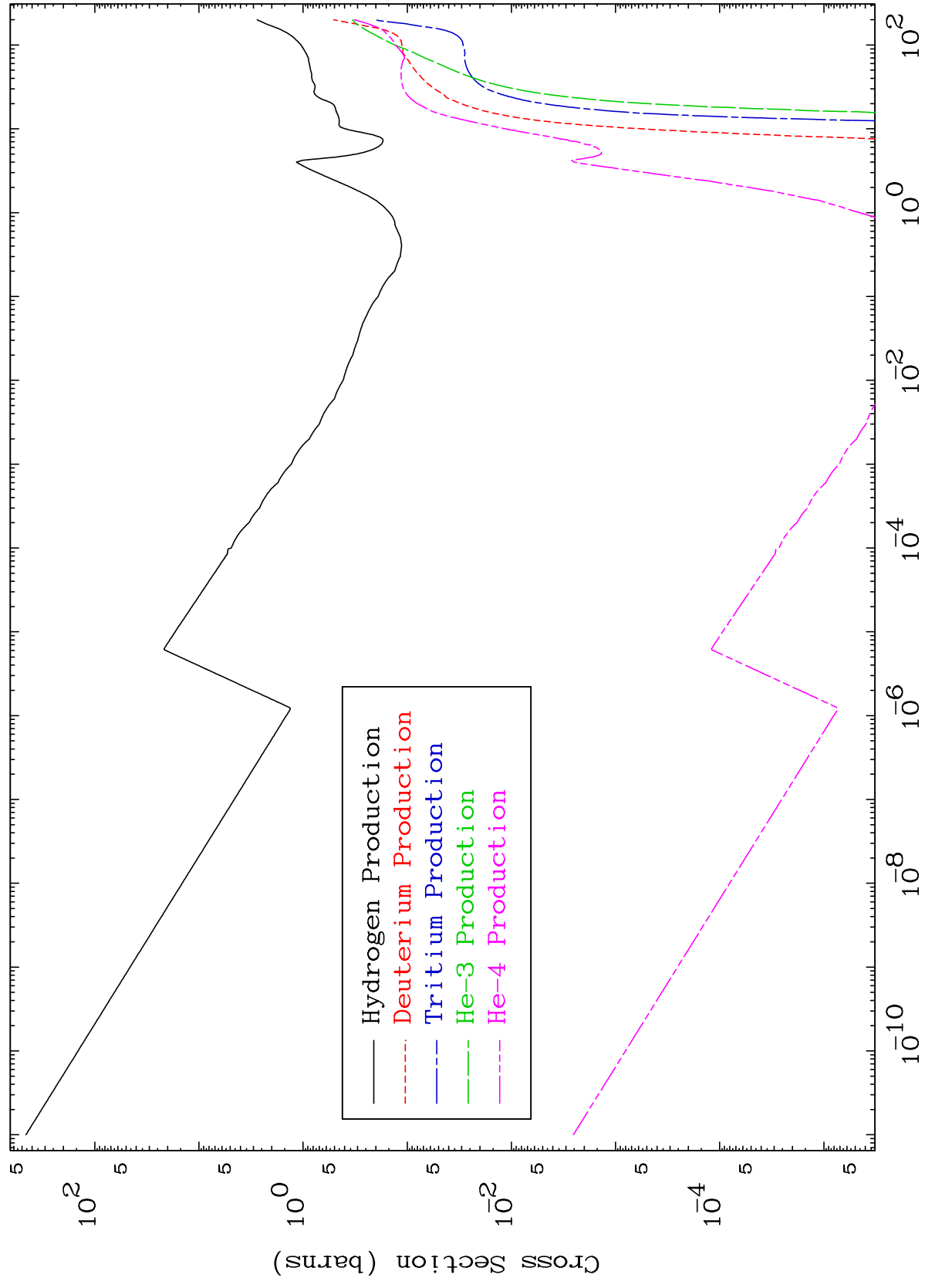
MAT 3917

Charged Particle
293 Kelvin Cross Sections

39-Y -86



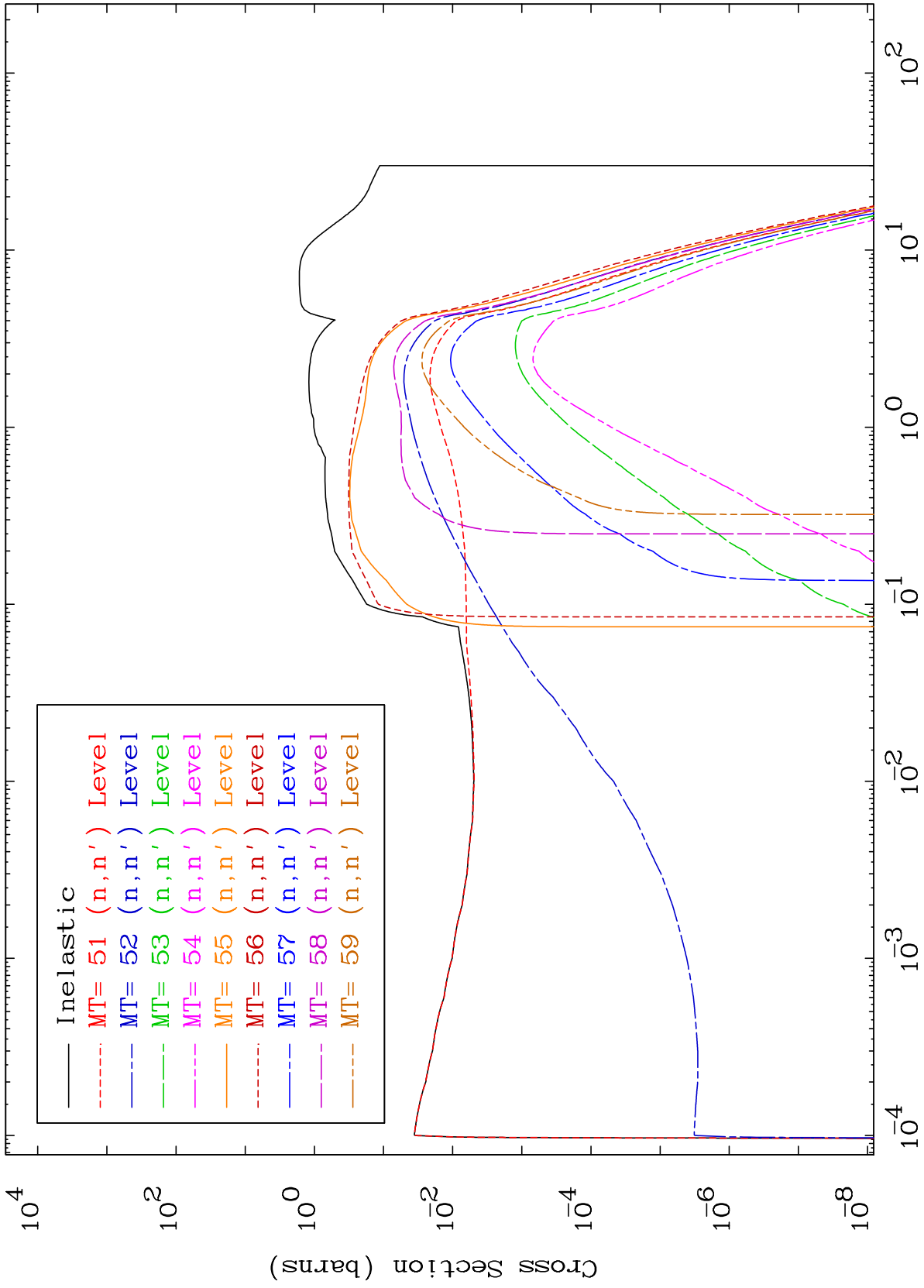
39-Y -86



MAT 3917

293 Kelvin Cross Sections
(n,n') Level

39-Y -86



6

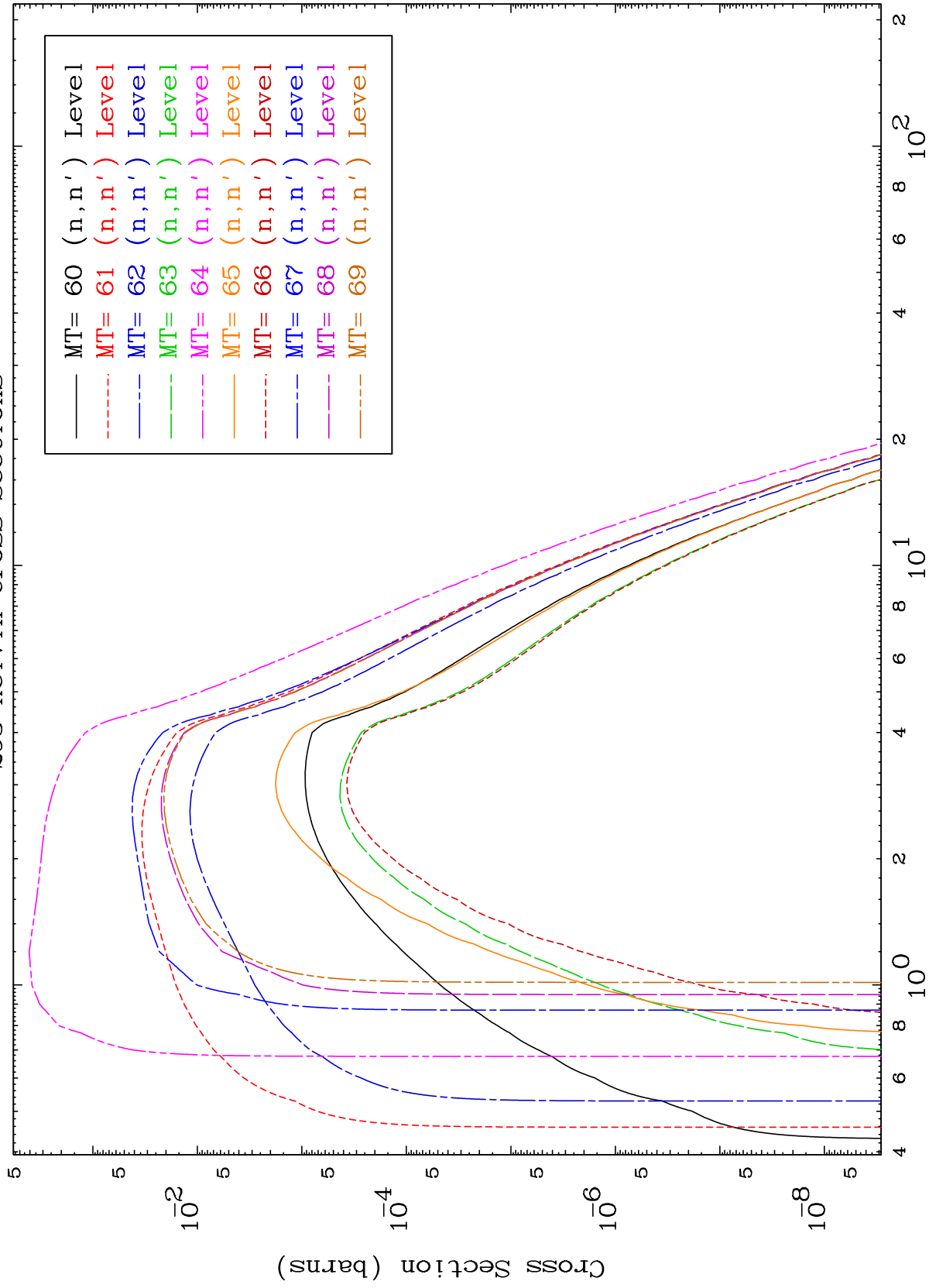
39-Y -86

MAT 3917

(n,n') Level

293 Kelvin Cross Sections

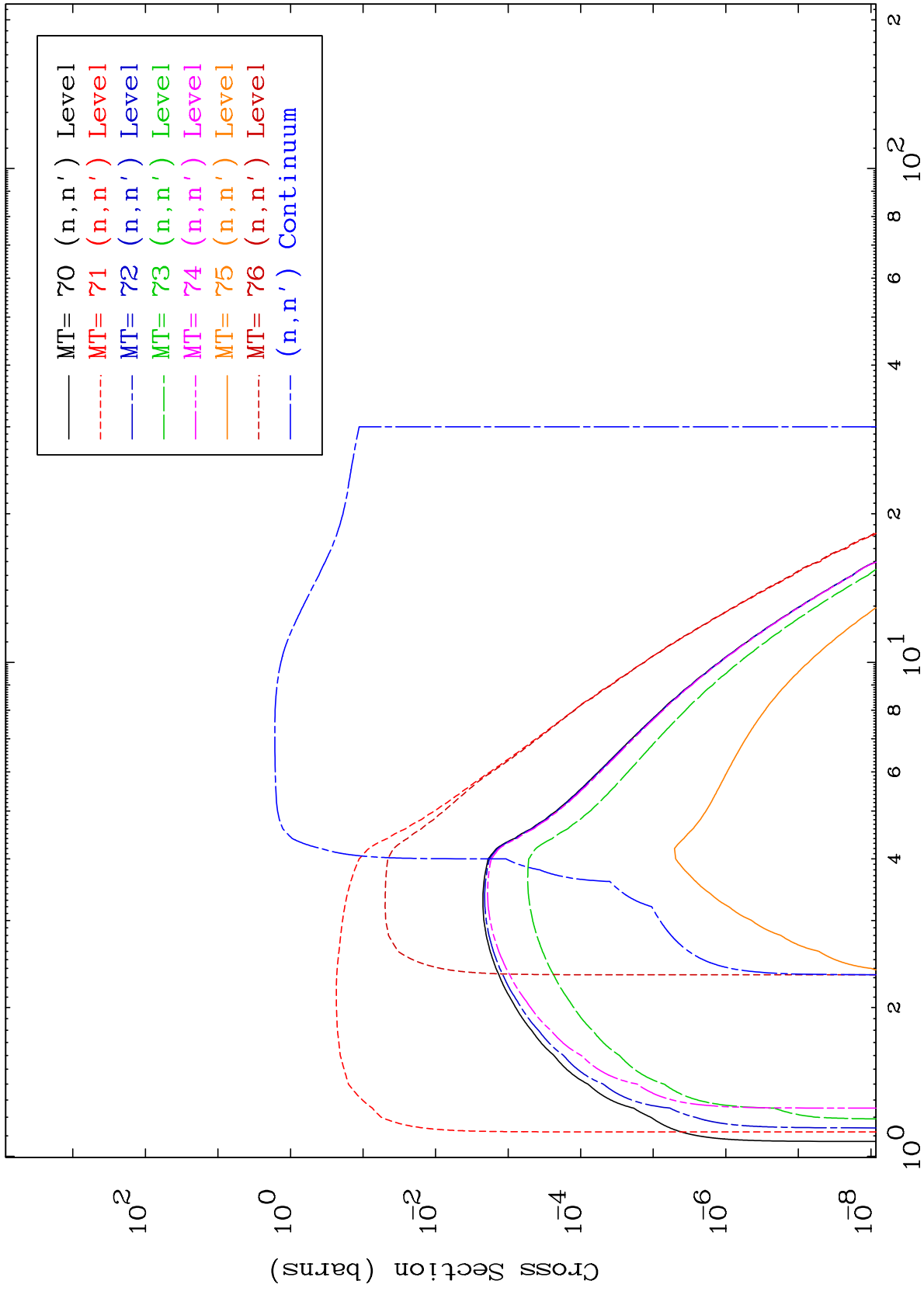
39-Y -86



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Incident Energy (MeV)

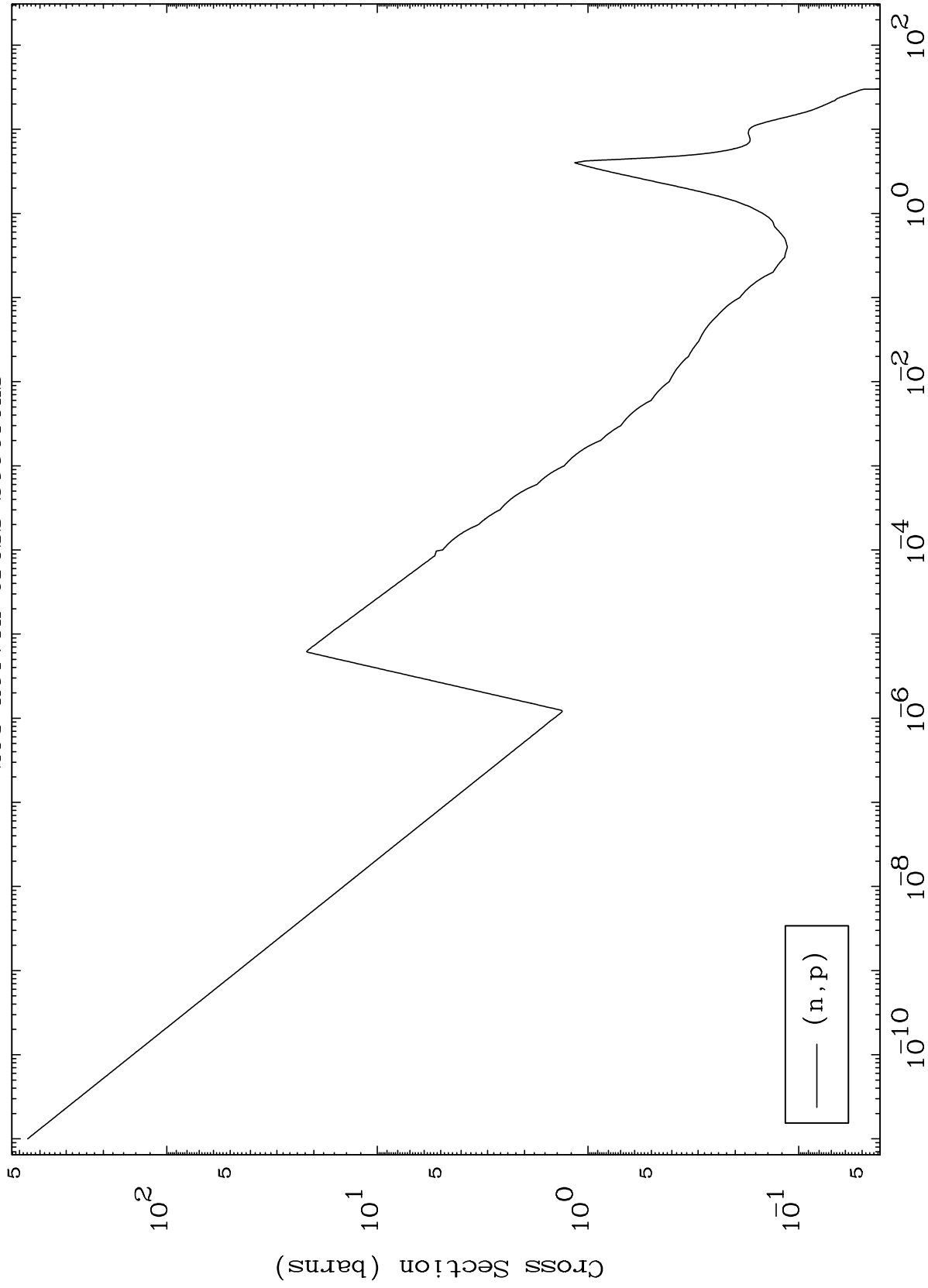
39-Y -86



MAT 3917

(n,p) Levels
293 Kelvin Cross Sections

39-Y -86



9

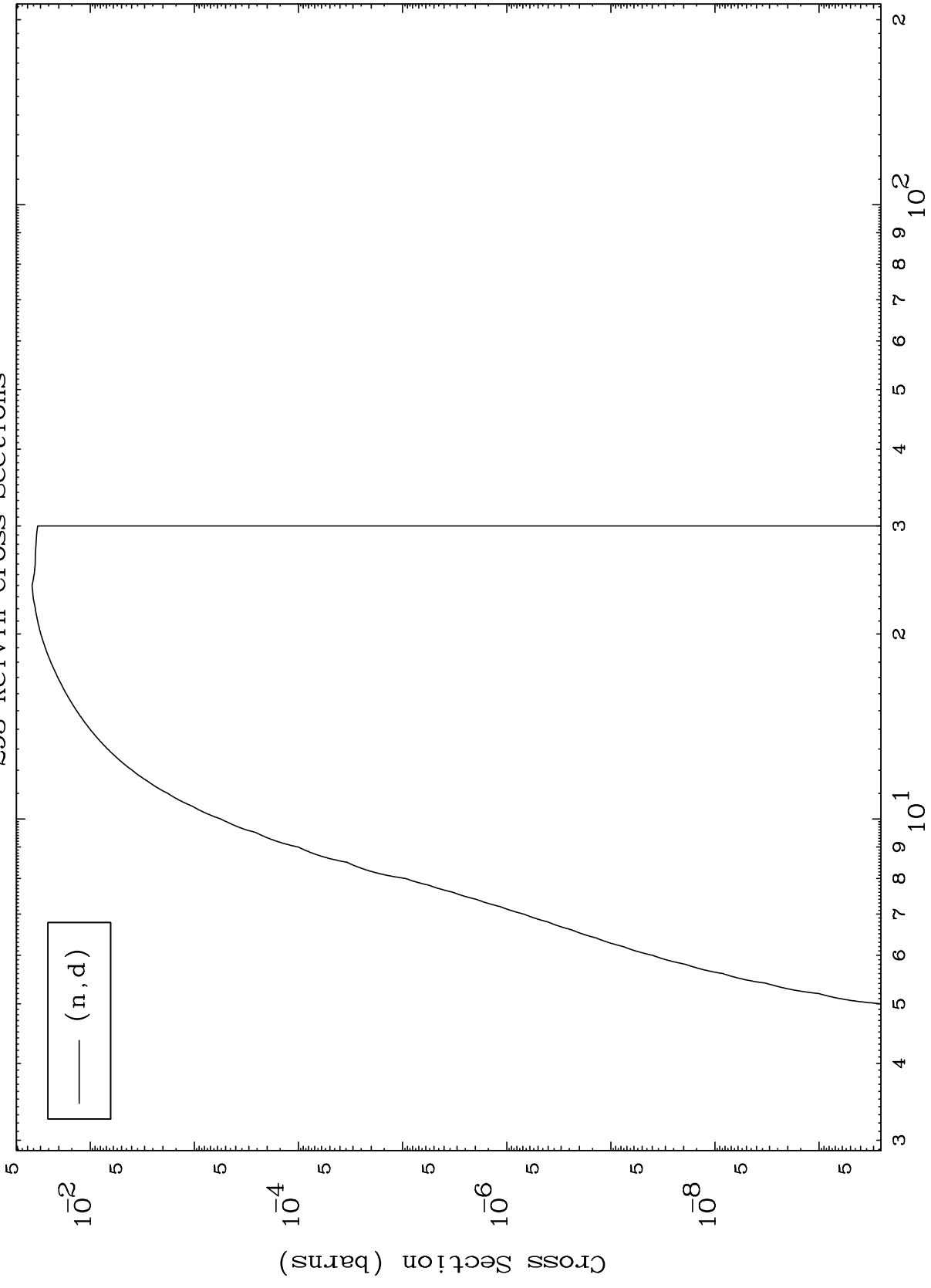
Incident Energy (MeV)

39-Y -86

MAT 3917

(n,d) Levels
293 Kelvin Cross Sections

39-Y -86

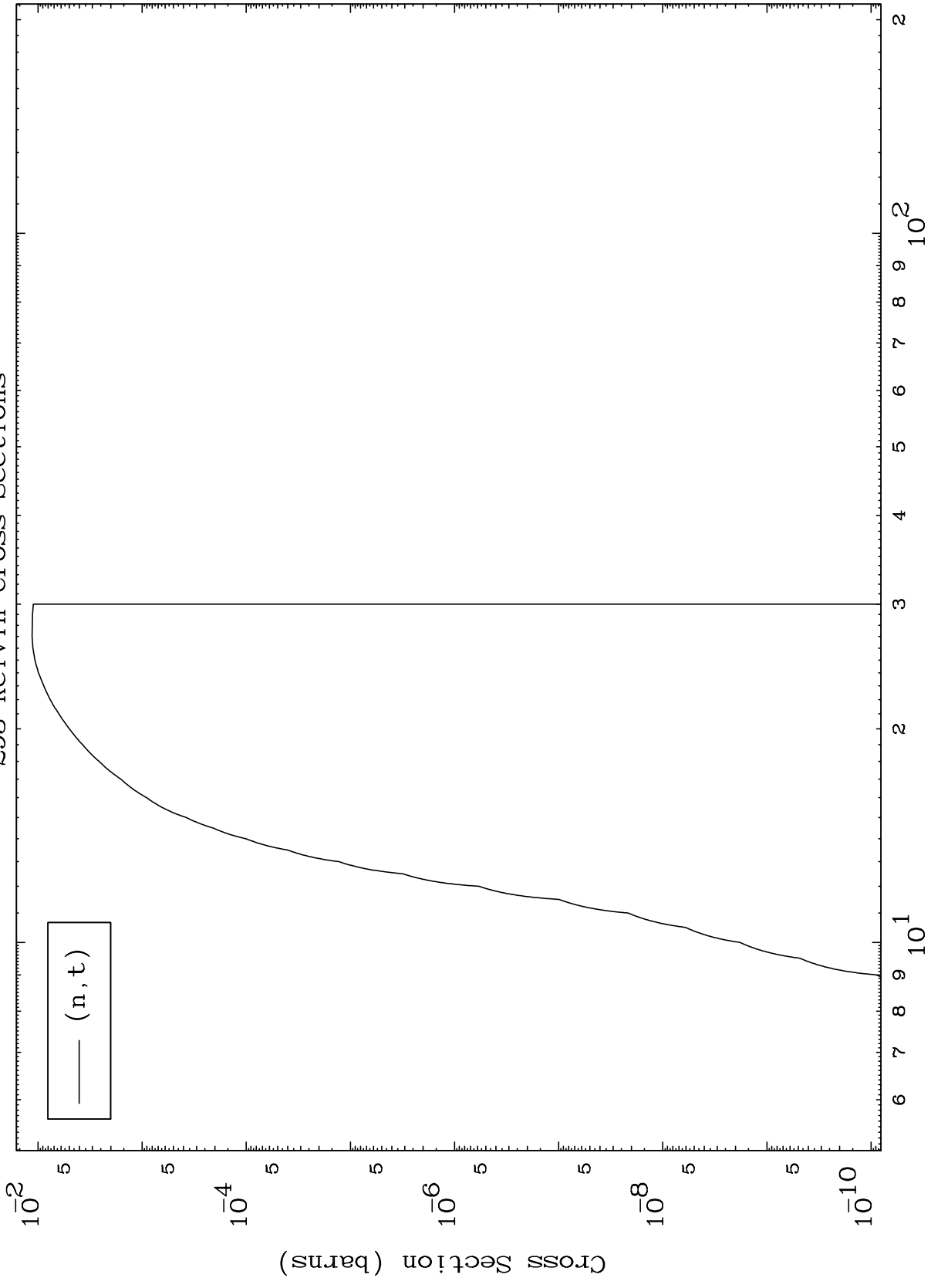


10

Incident Energy (MeV)

39-Y -86

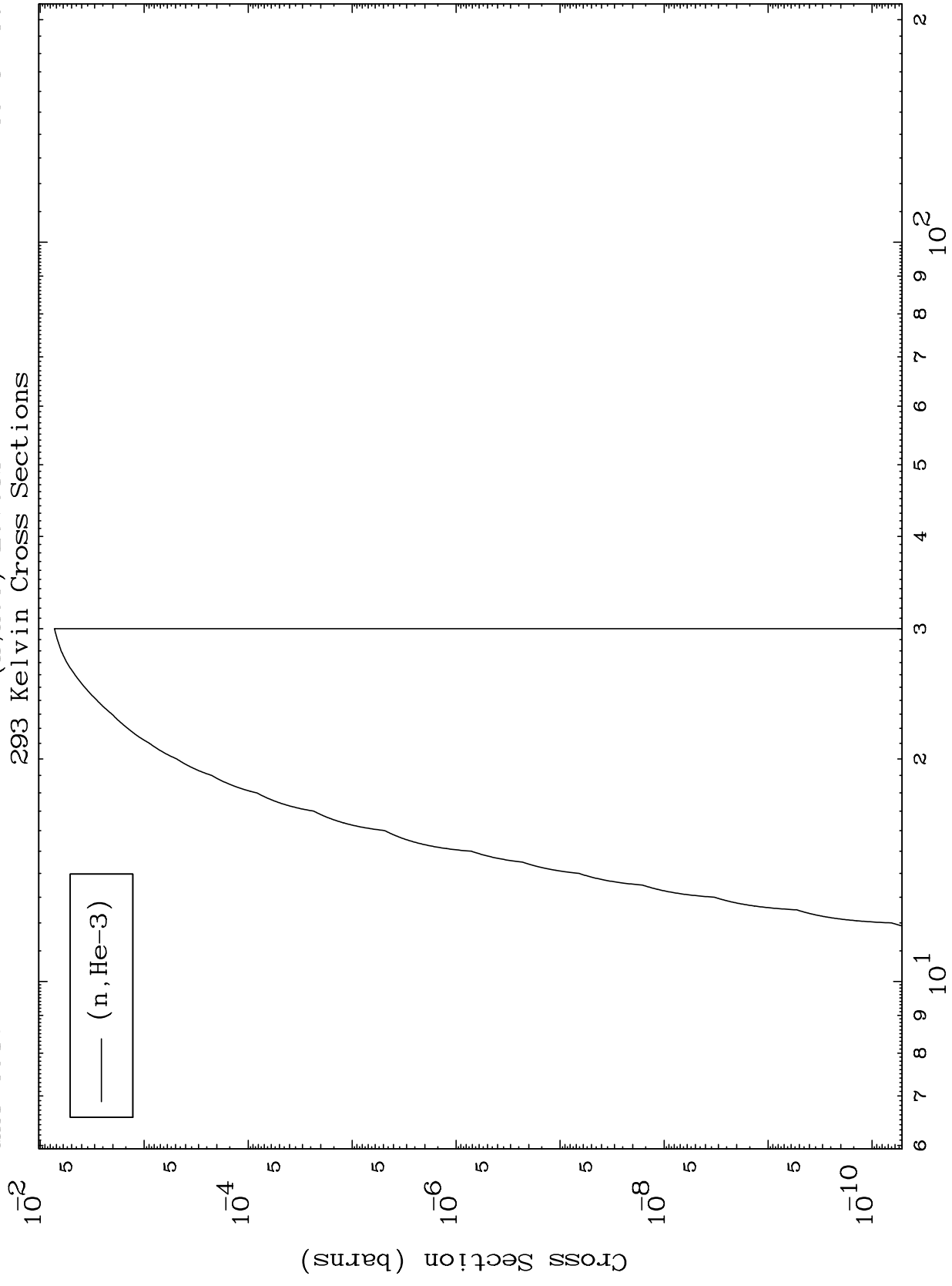
(n,t) Levels
293 Kelvin Cross Sections



MAT 3917

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -86



12

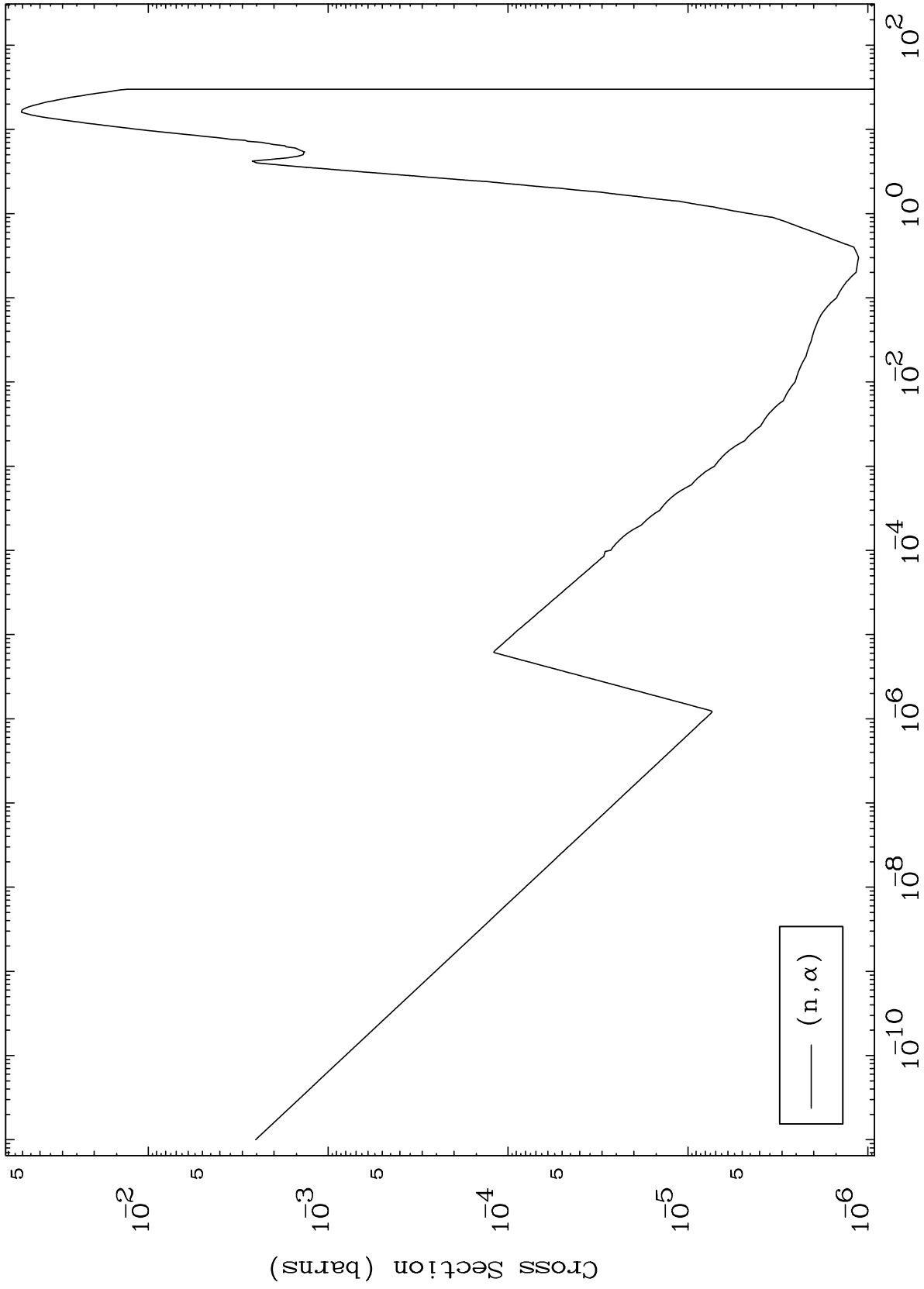
Incident Energy (MeV)

39-Y -86

MAT 3917

(n,α) Levels
293 Kelvin Cross Sections

39-Y -86

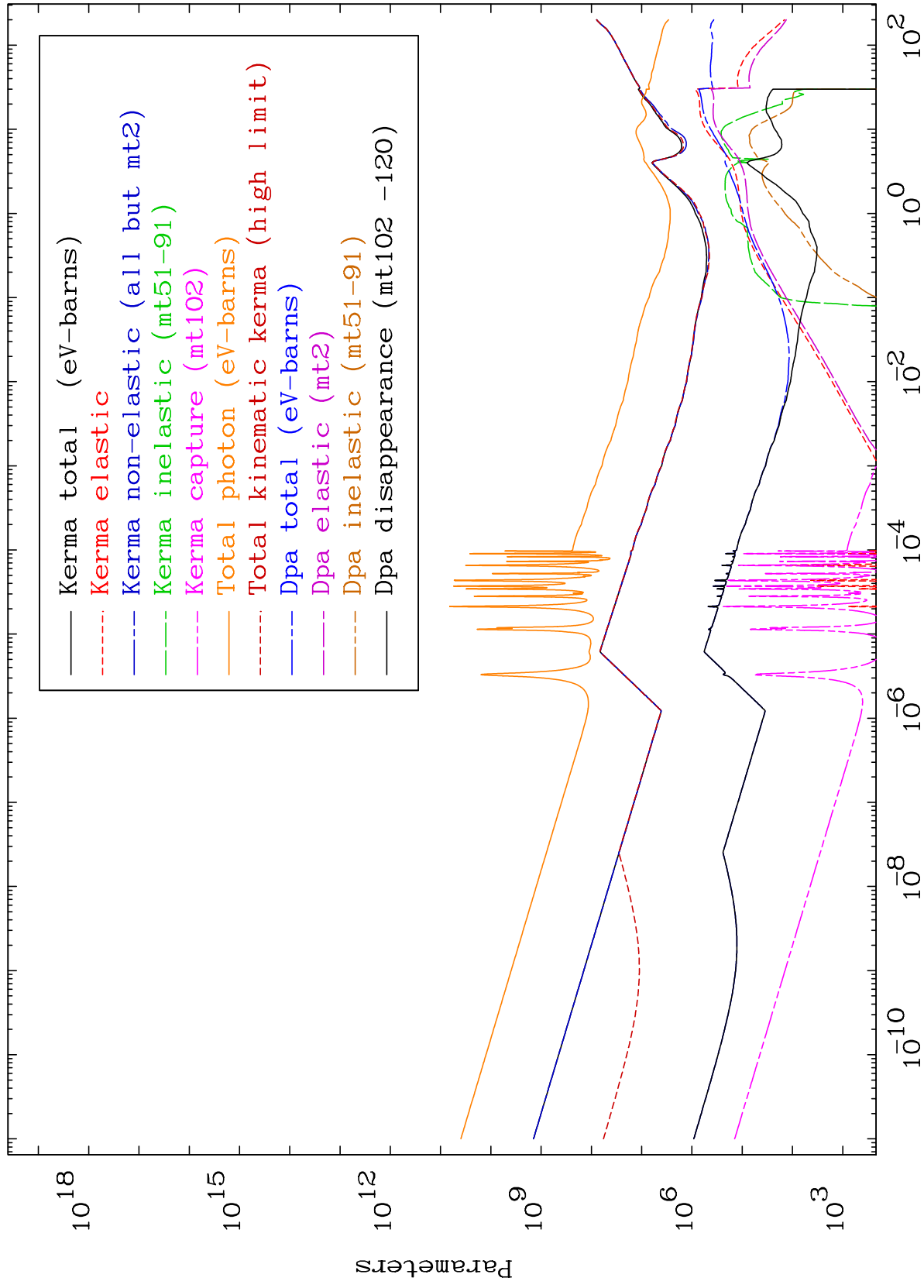


— (n,α)

13

Incident Energy (MeV)

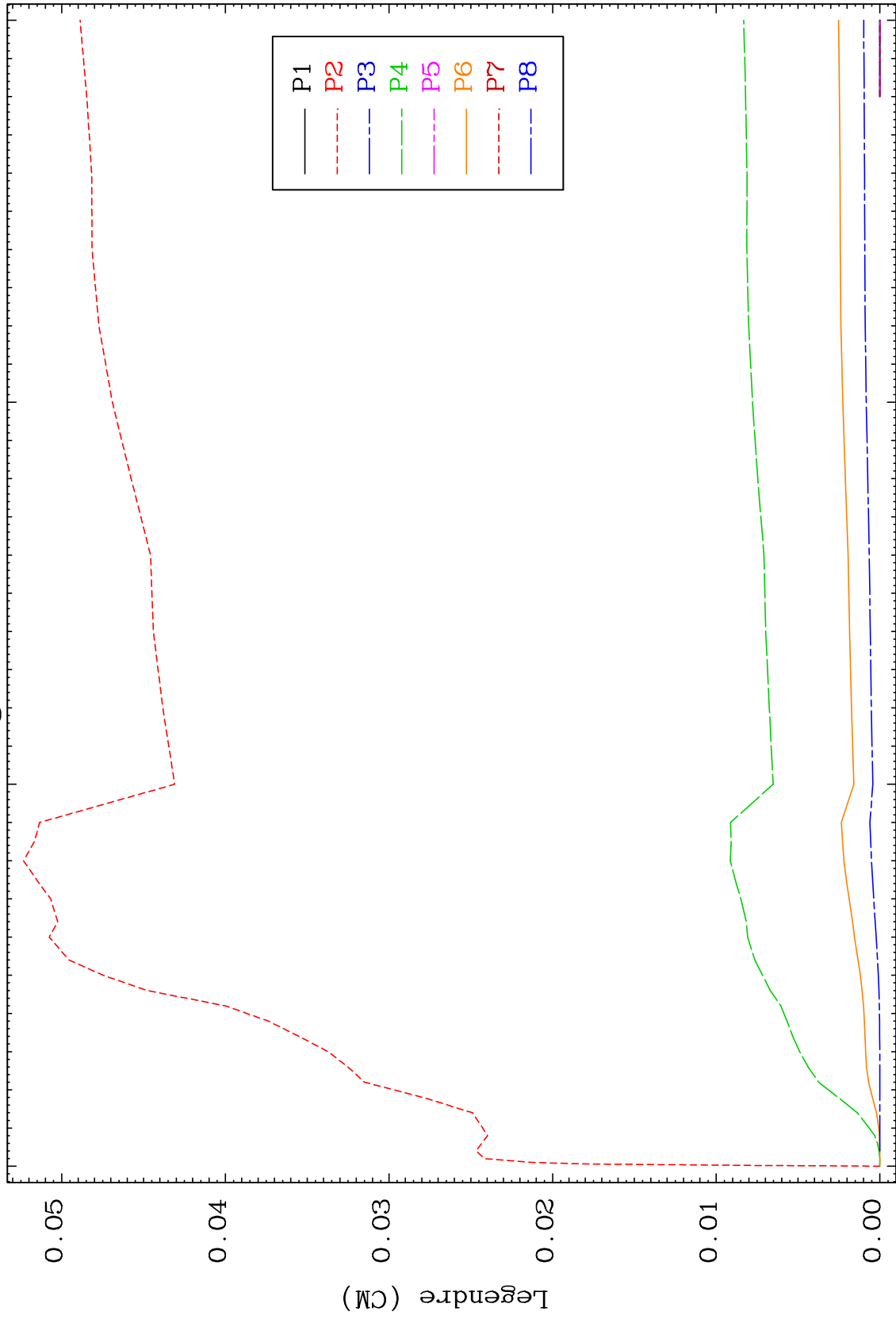
39-Y -86



MAT 3917

Elastic Legendre Coefficients

39-Y -86



0

15

10

20

30

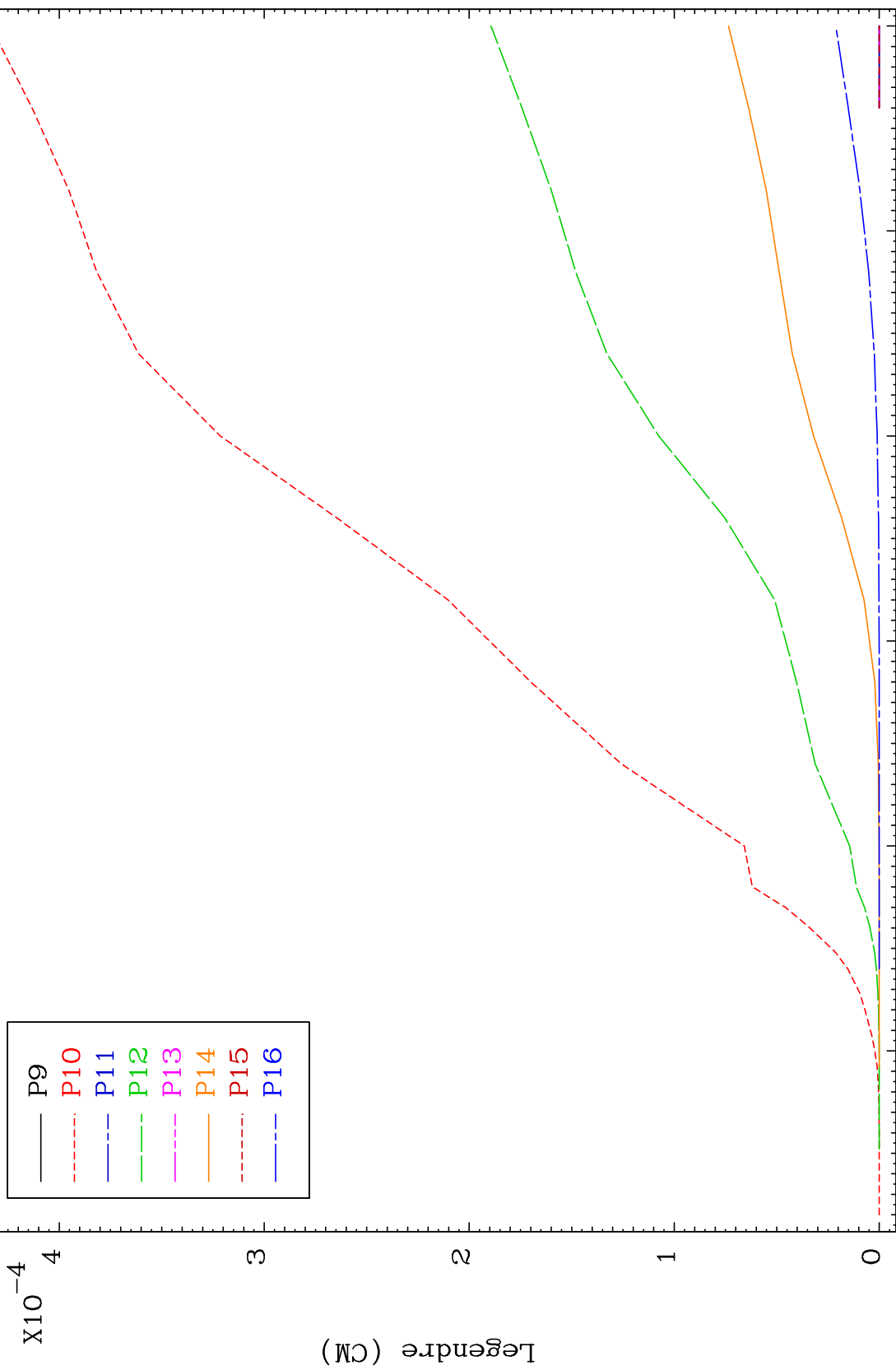
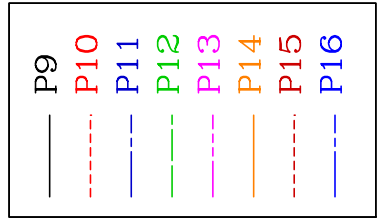
Incident Energy (MeV)

39-Y -86

MAT 3917

Elastic Legendre Coefficients

39-Y -86



16

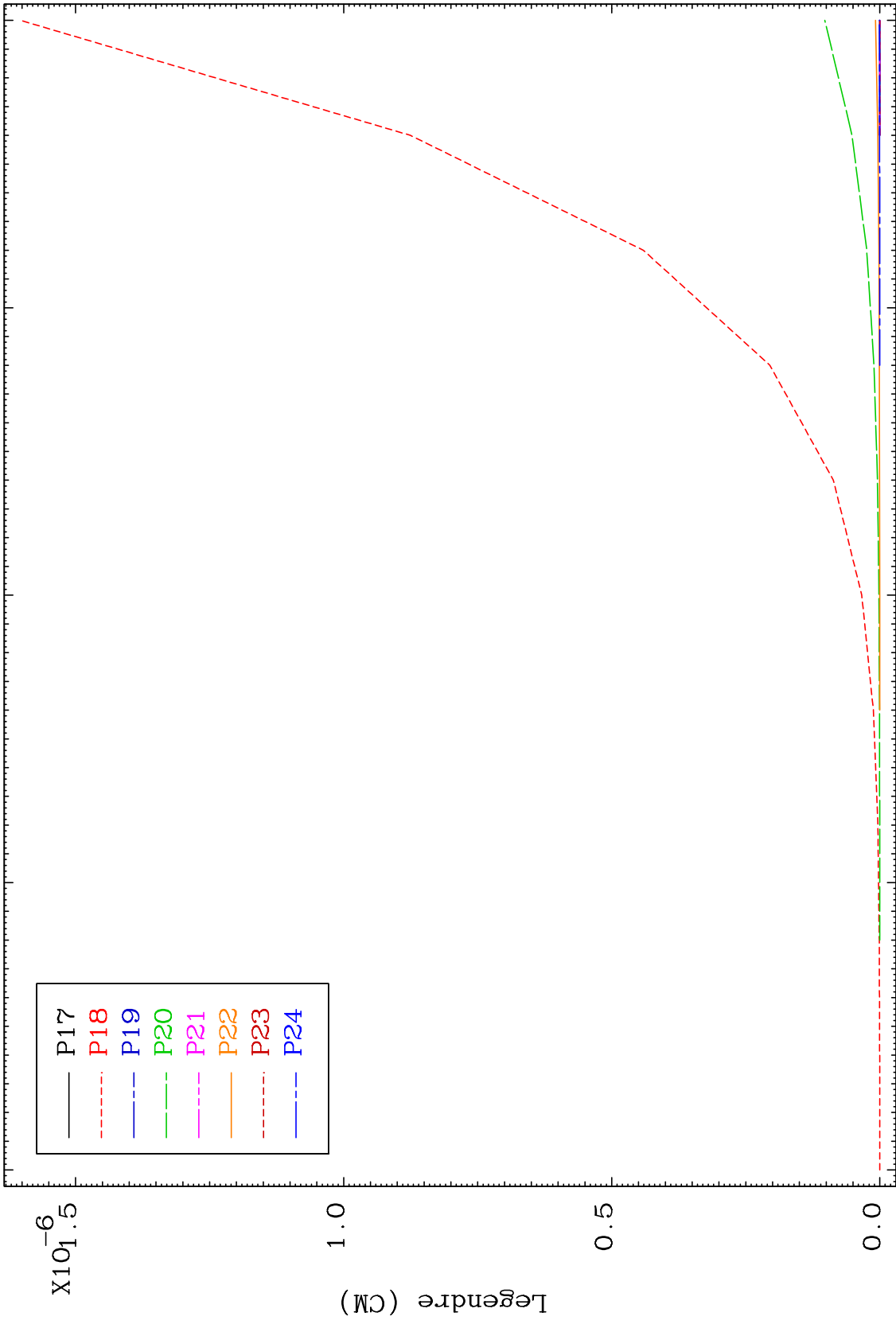
Incident Energy (MeV)

39-Y -86

MAT 3917

Elastic Legendre Coefficients

39-Y -86



17

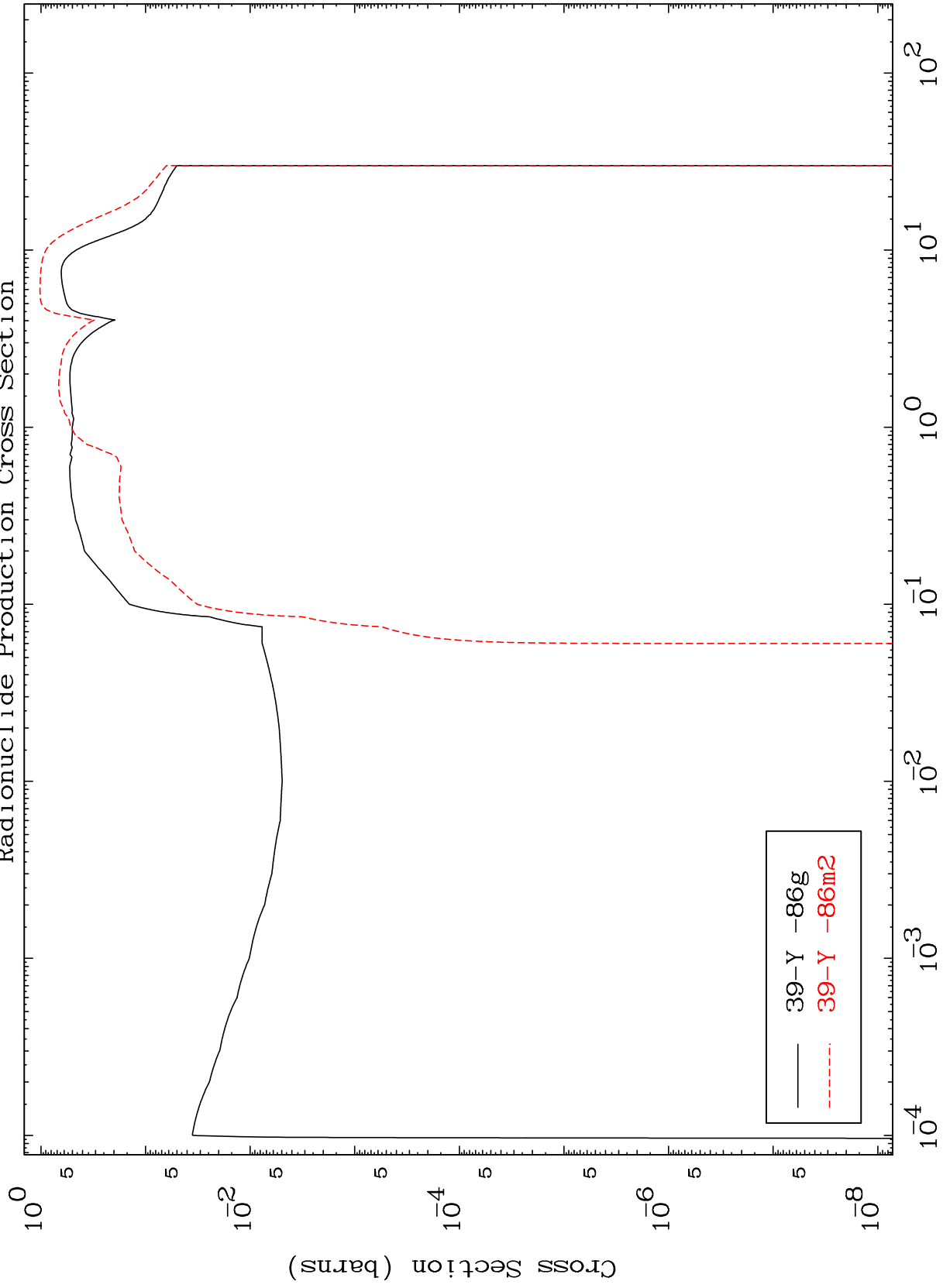
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

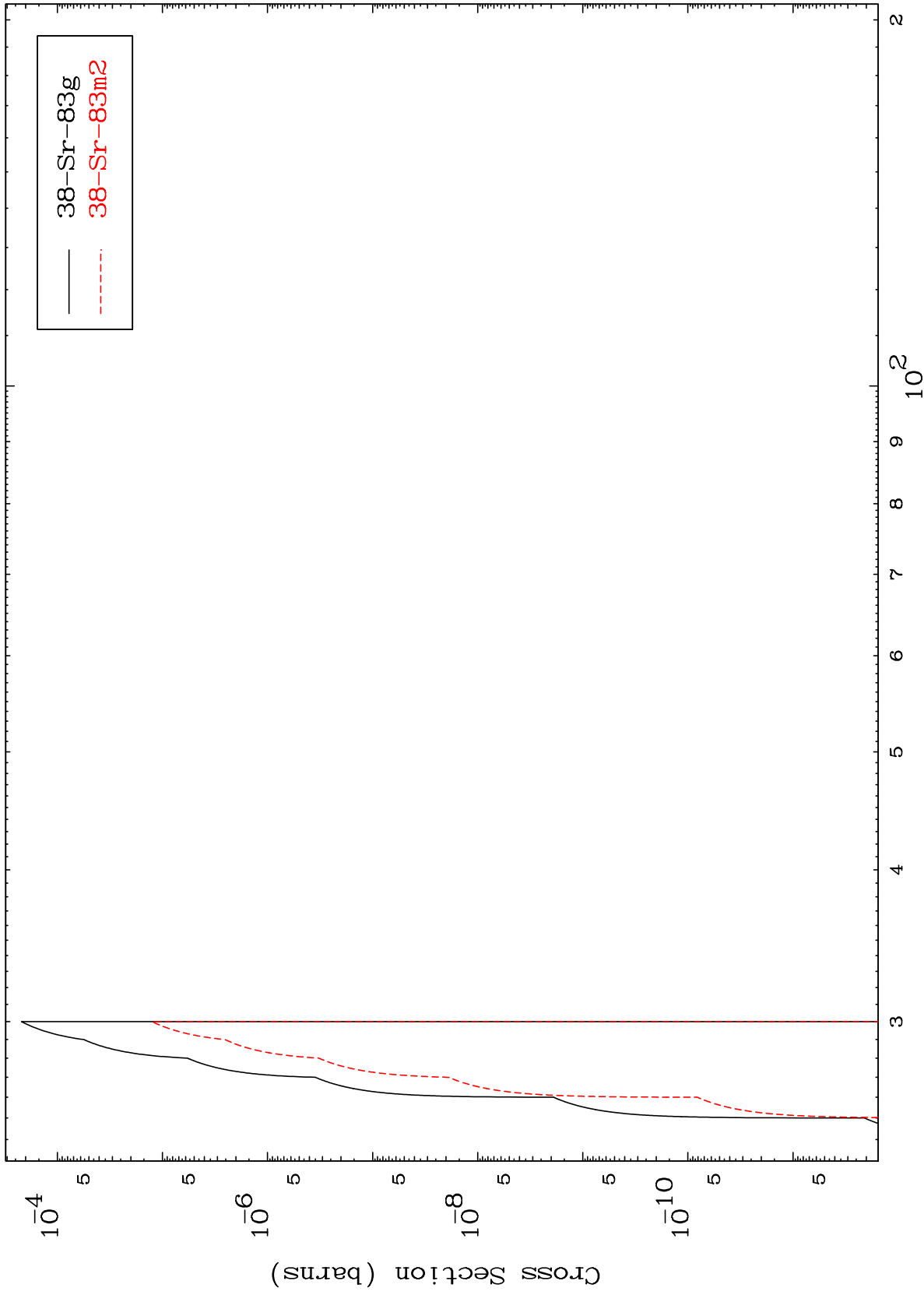
Inelastic Radionuclide Production Cross Section



18

39-Y -86

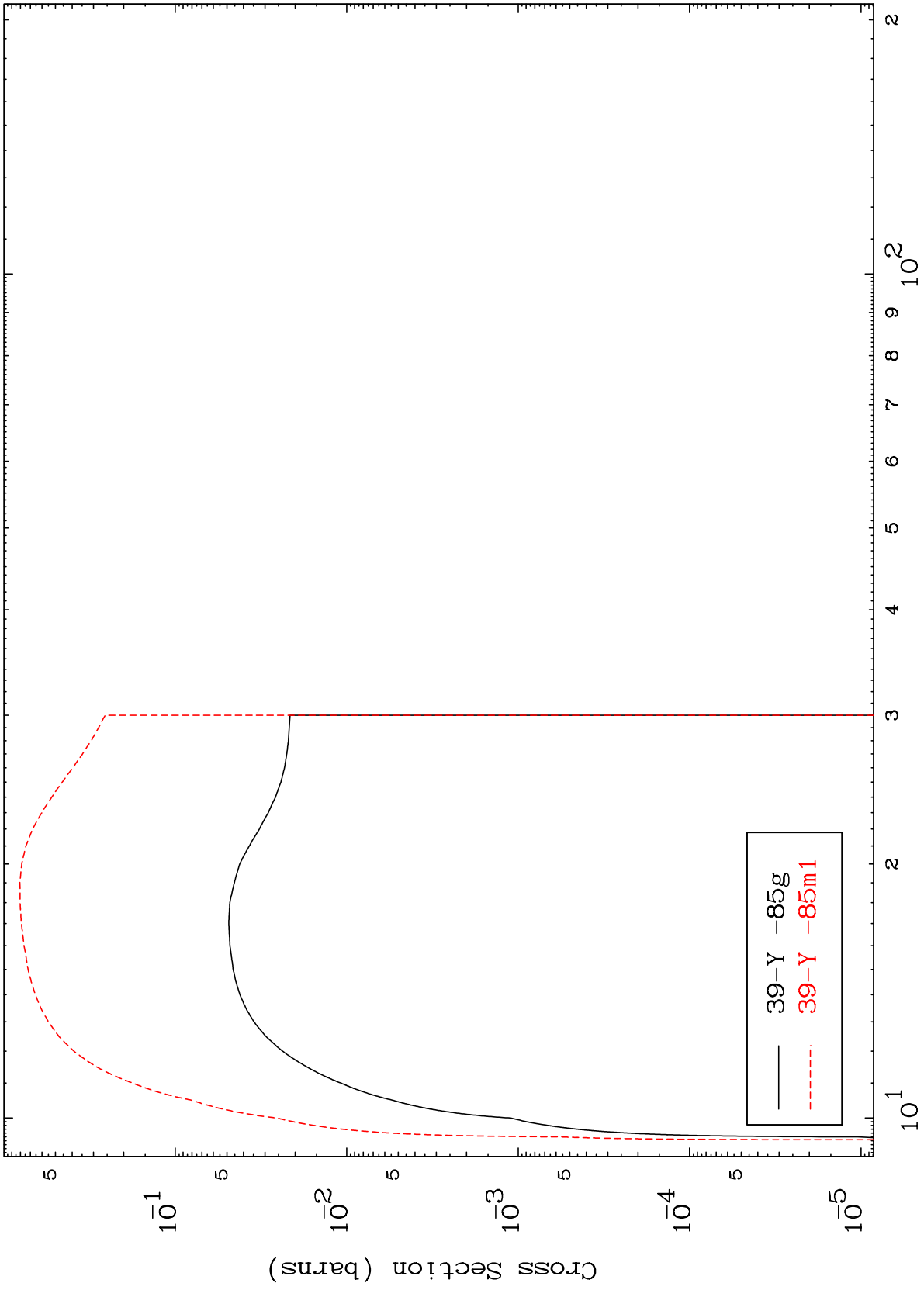
Radionuclide Production Cross Section



MAT 3917

39-Y -86

Radionuclide Production Cross Section
(n,2n)



39-Y -86

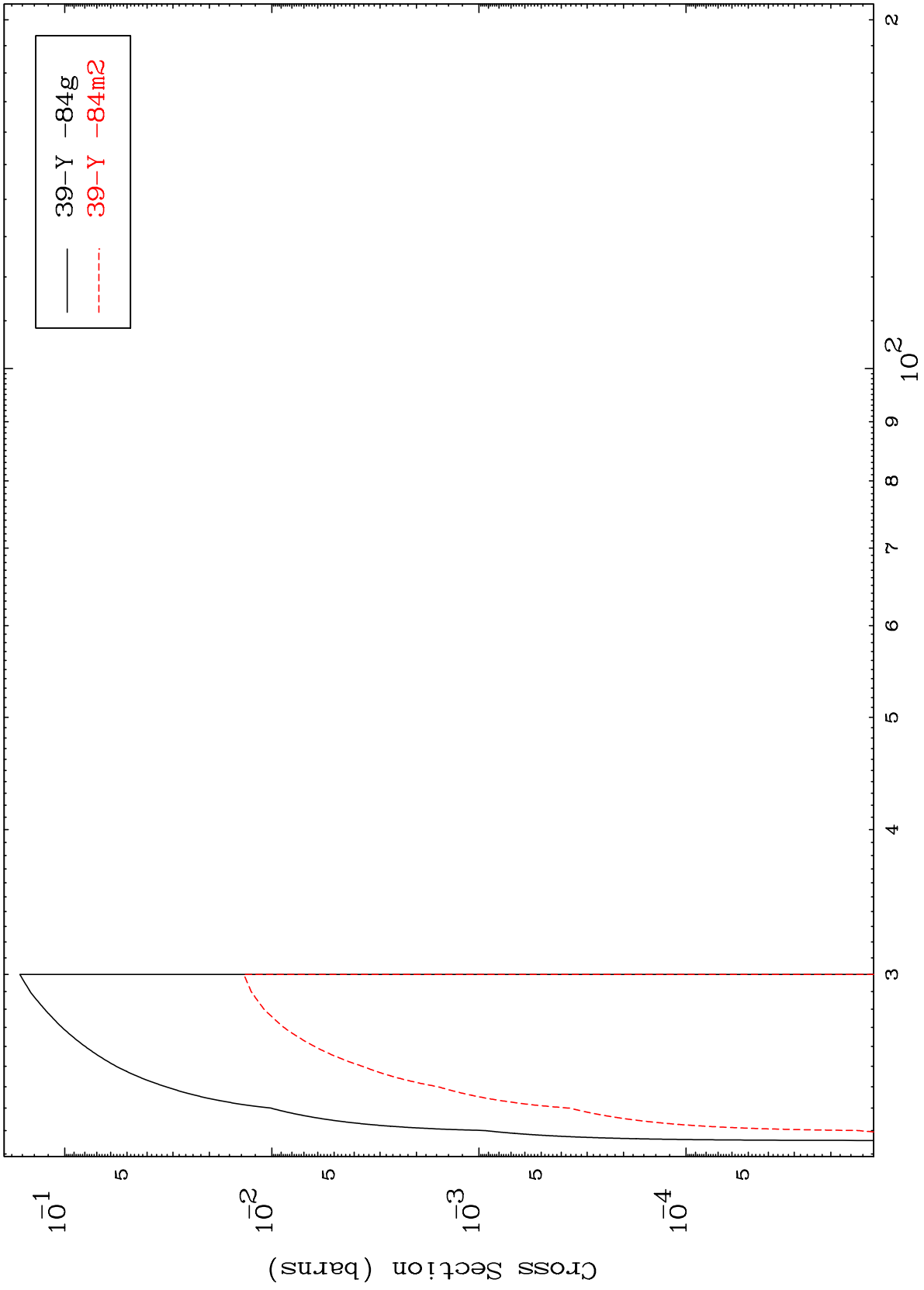
Incident Energy (MeV)

20

MAT 3917

39-Y -86

Radionuclide Production Cross Section
(n,3n)



21

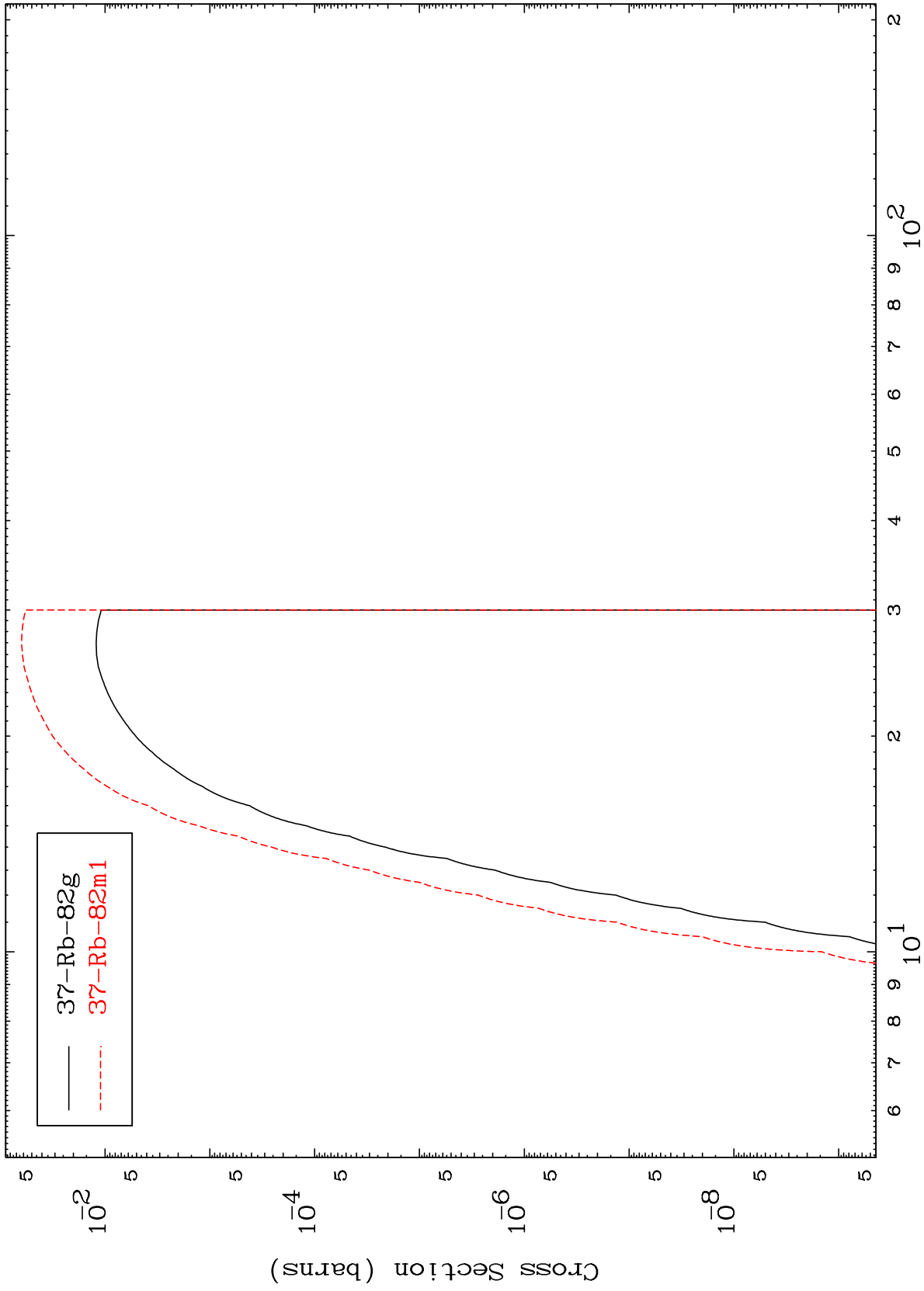
39-Y -86

MAT 3917

(n,n') α

39-Y -86

Radionuclide Production Cross Section



22

Incident Energy (MeV)

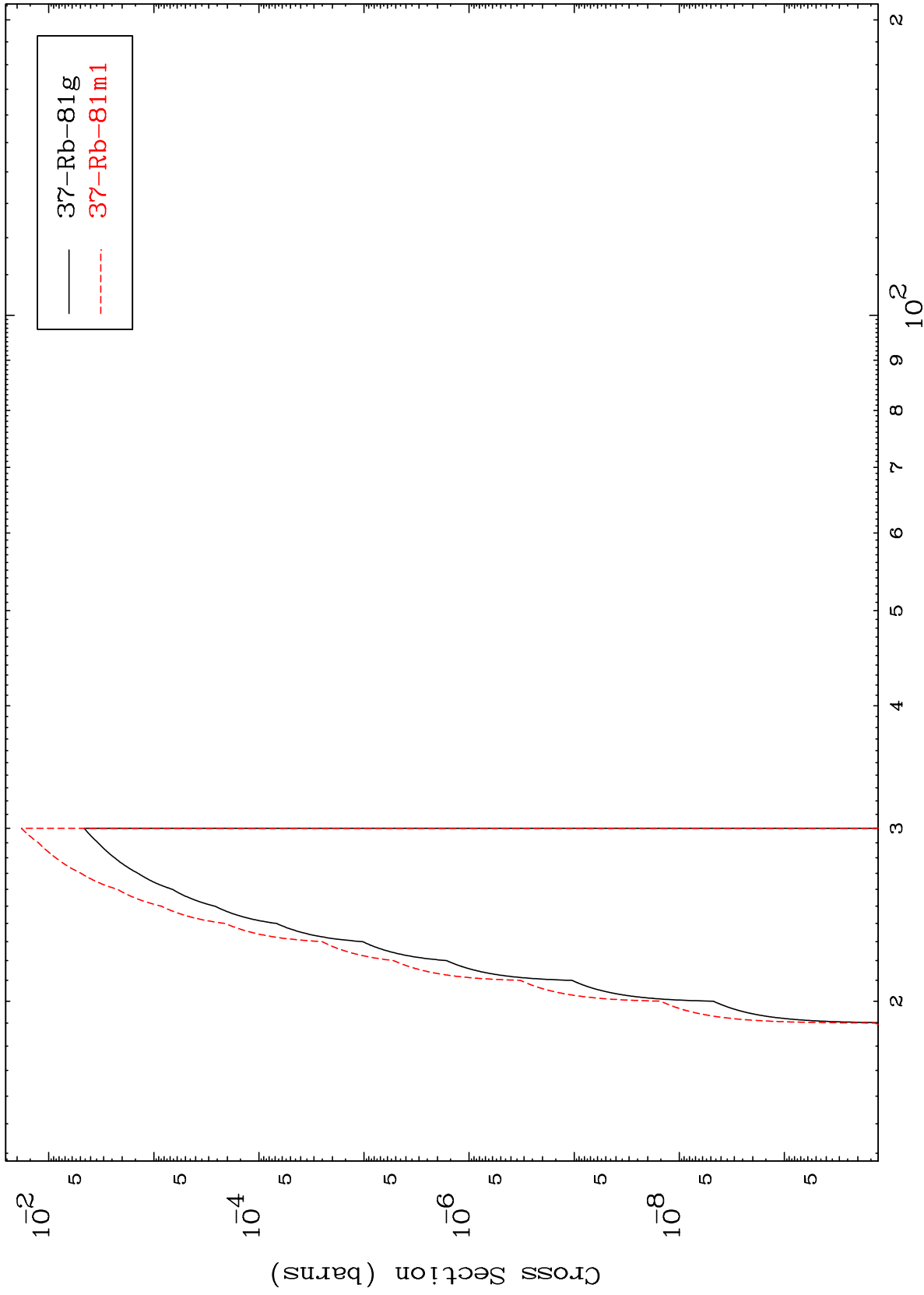
39-Y -86

MAT 3917

(n,2n) α

39-Y -86

Radionuclide Production Cross Section



37-Rb-81g
37-Rb-81m1

23

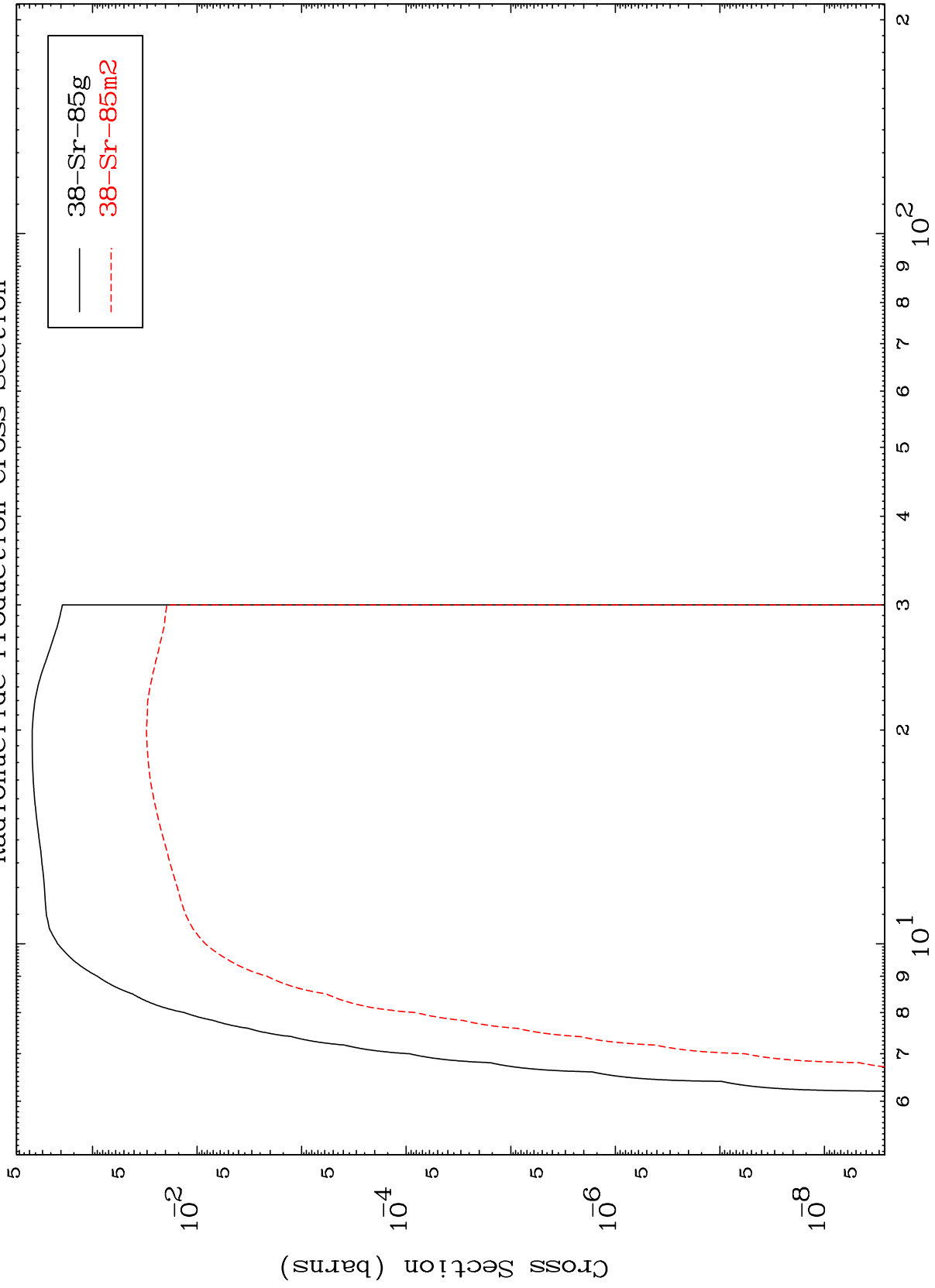
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

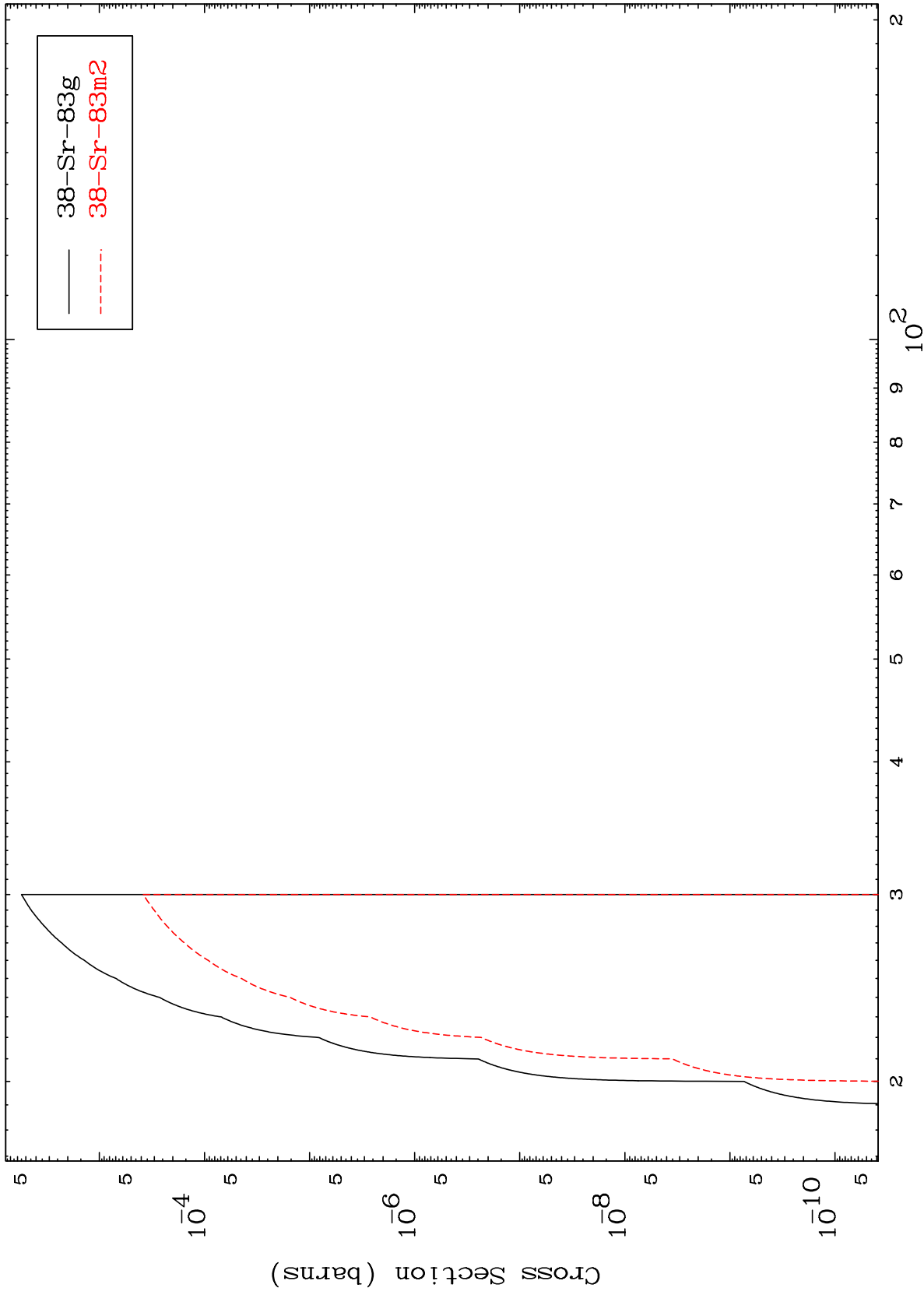
(n,n') p
Radionuclide Production Cross Section



24

39-Y -86

Radionuclide Production Cross Section

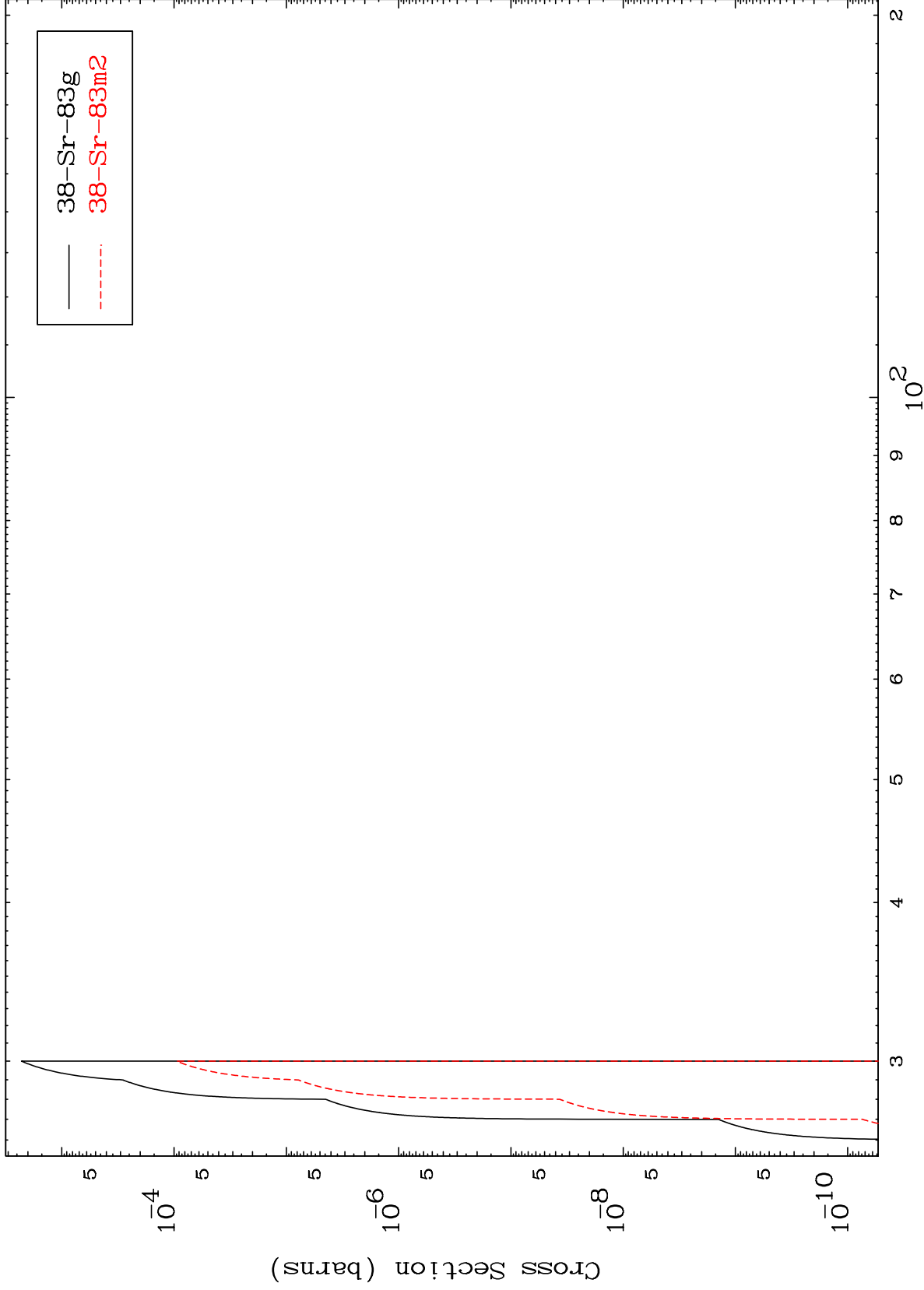


MAT 3917

(n,3n) p

39-Y -86

Radionuclide Production Cross Section



26

Incident Energy (MeV)

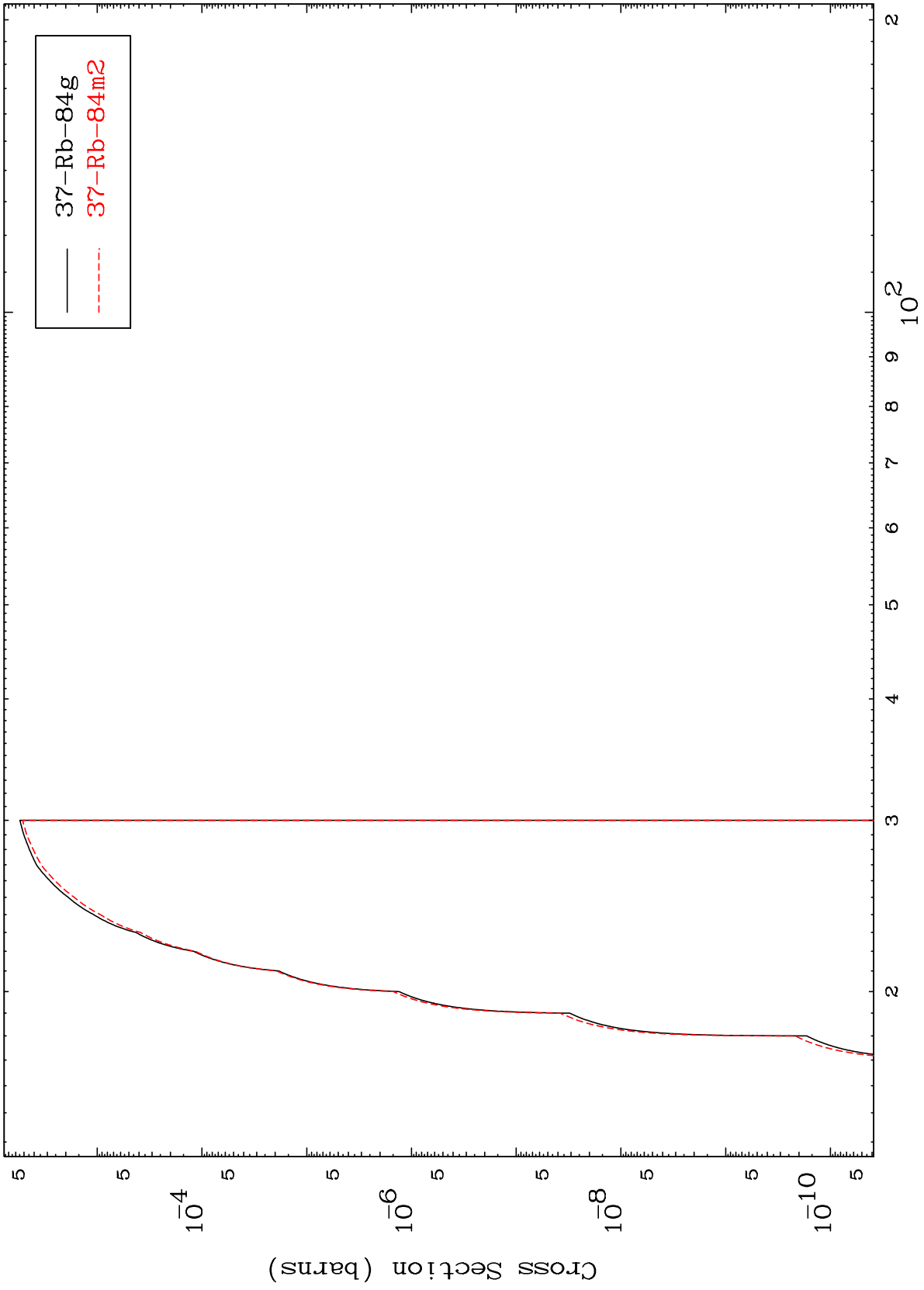
39-Y -86

MAT 3917

(n,2n) p

39-Y -86

Radionuclide Production Cross Section



27

Incident Energy (MeV)

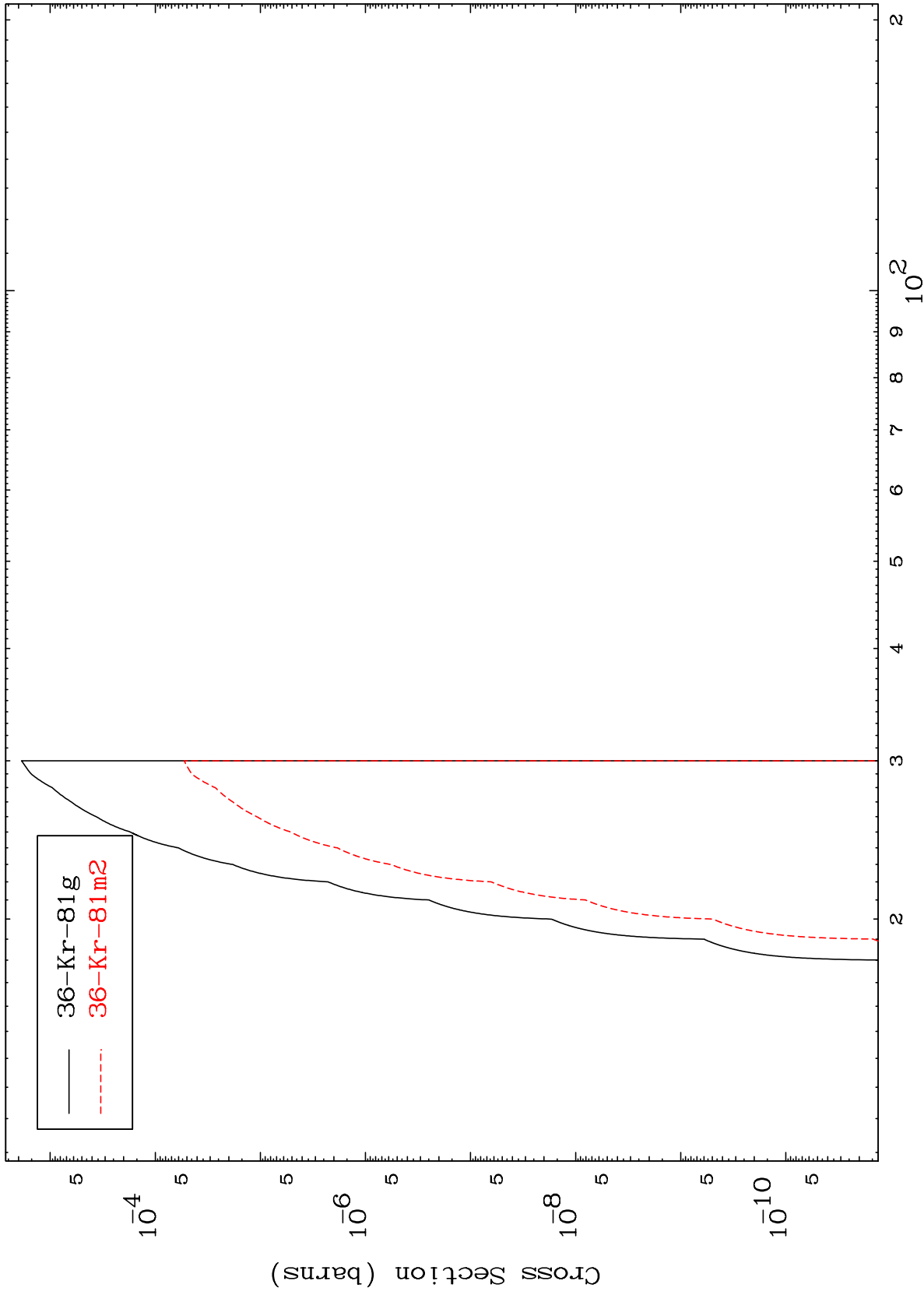
39-Y -86

MAT 3917

(n,n') p α

39-Y -86

Radionuclide Production Cross Section



28

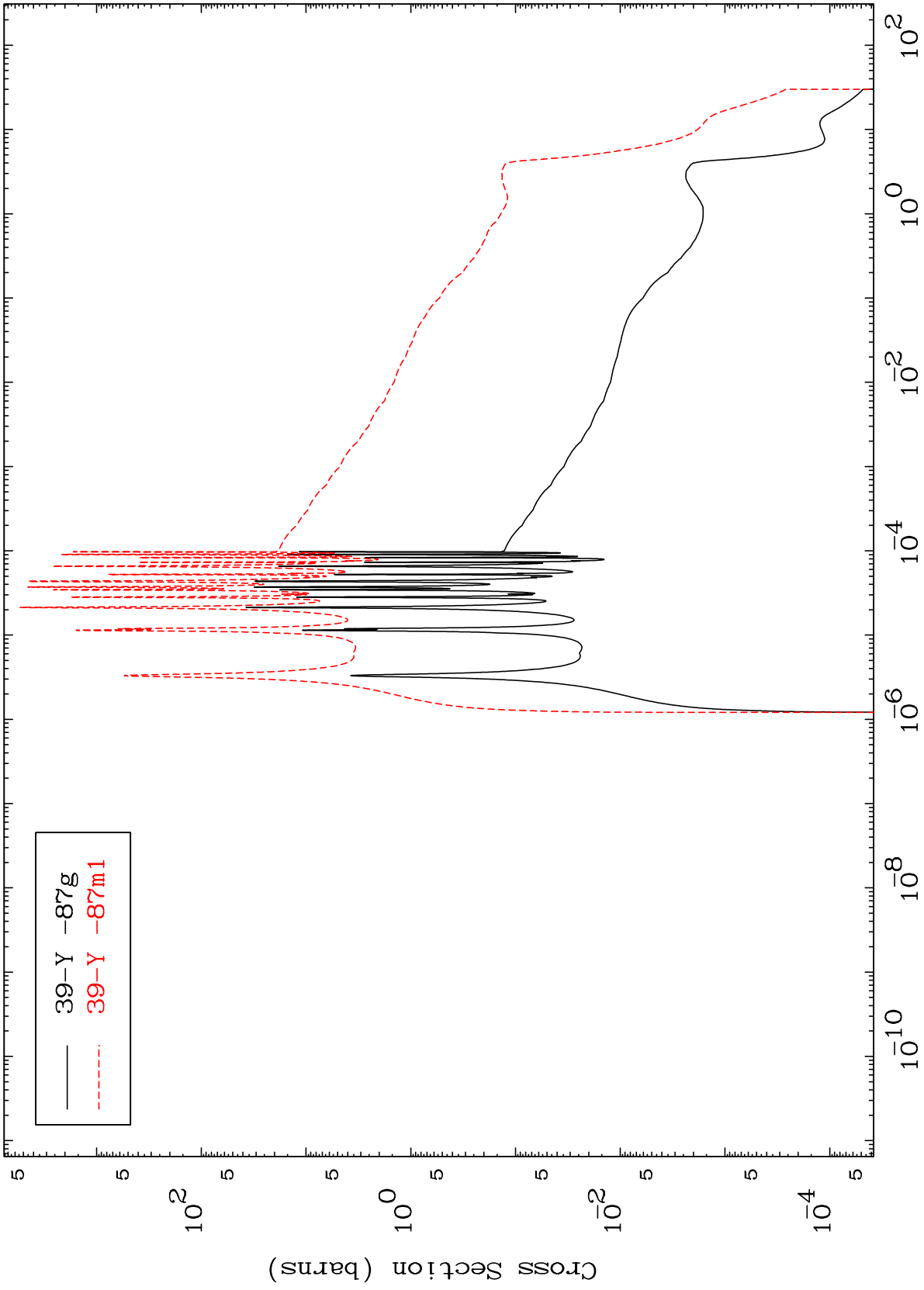
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

Radionuclide Production Cross Section (n,γ)



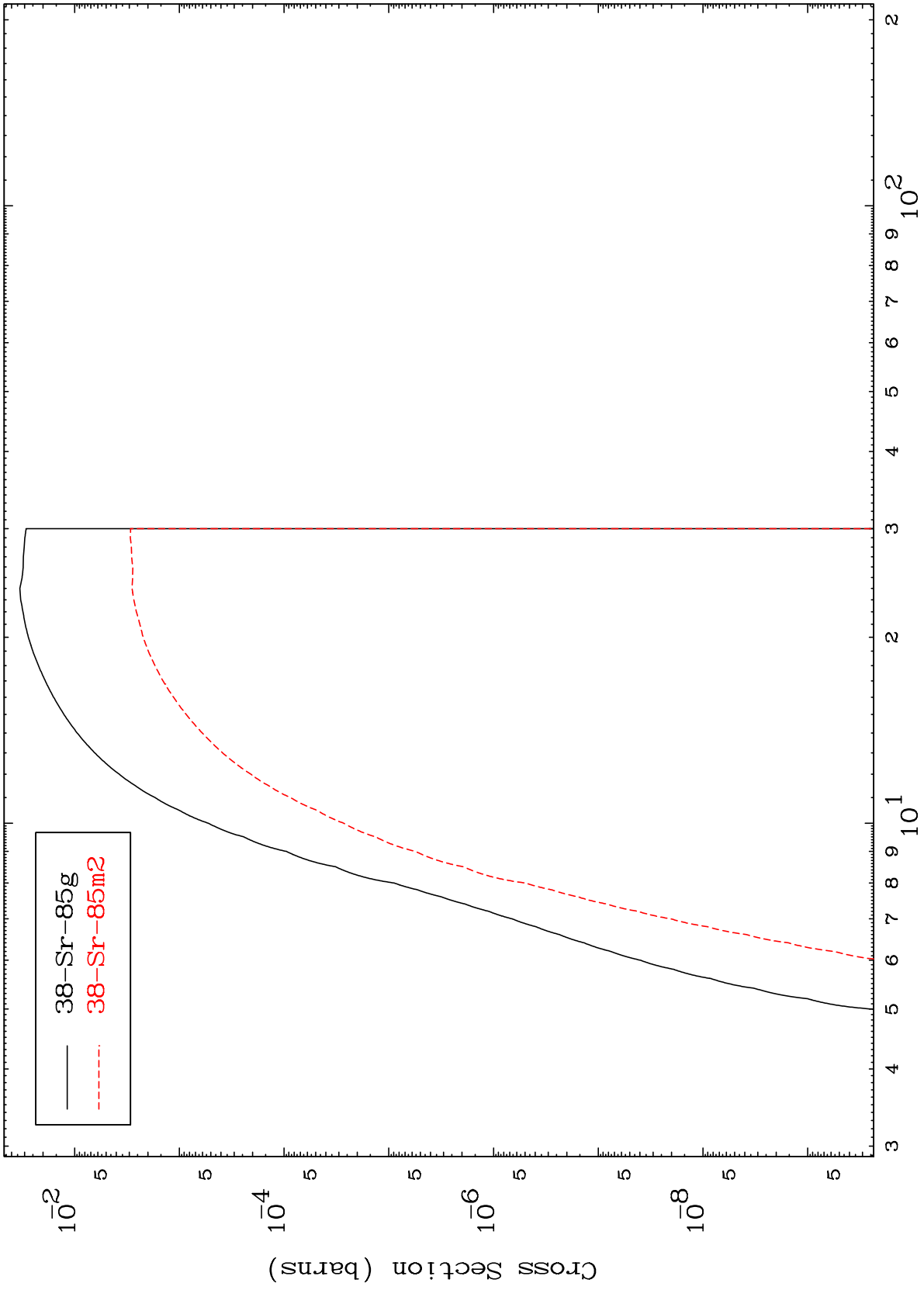
29

39-Y -86

MAT 3917

39-Y -86

(n,d)
Radionuclide Production Cross Section



30

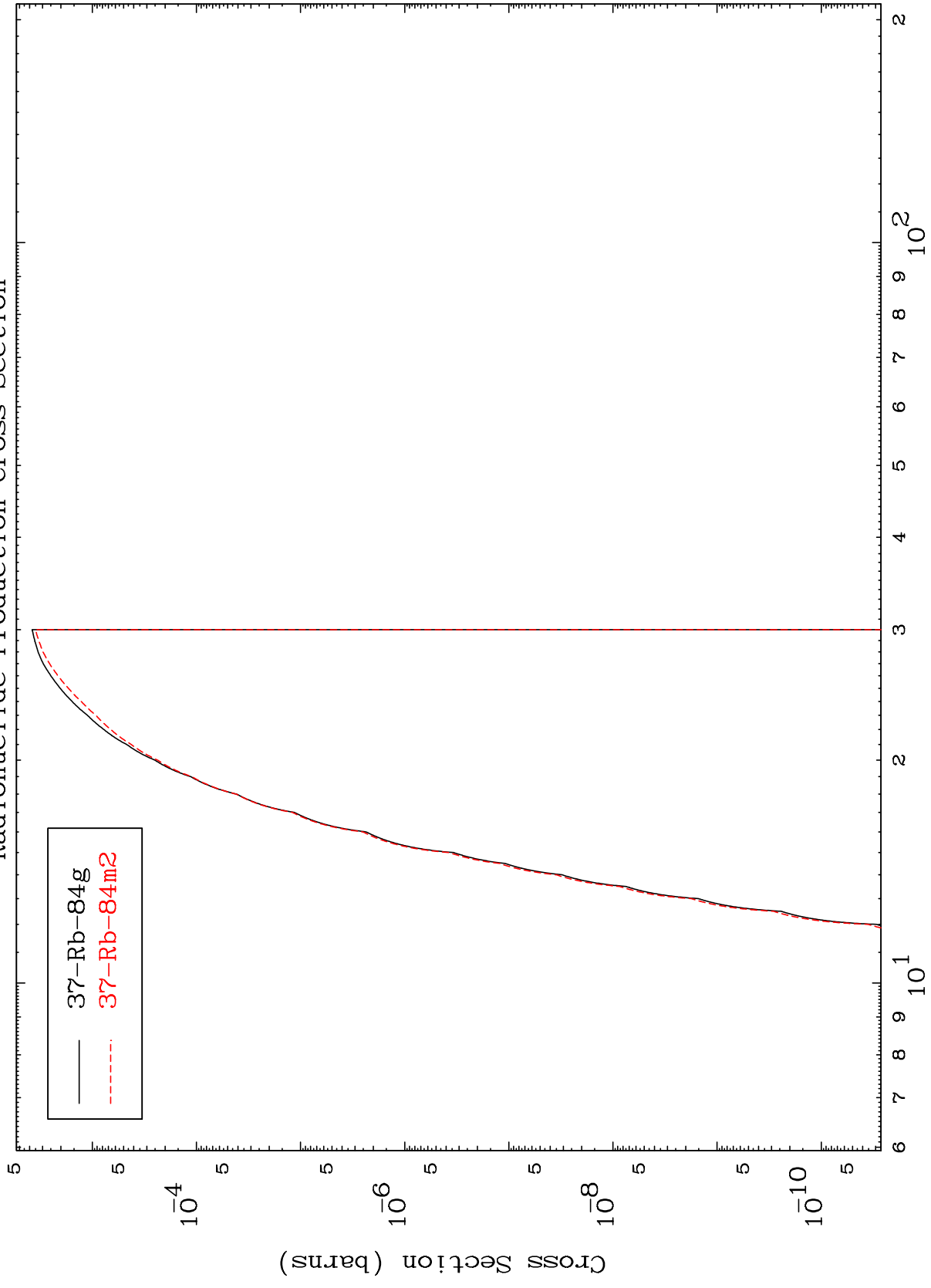
39-Y -86

MAT 3917

(n,He-3)

39-Y -86

Radionuclide Production Cross Section



37-Rb-84g
37-Rb-84m2

31

Incident Energy (MeV)

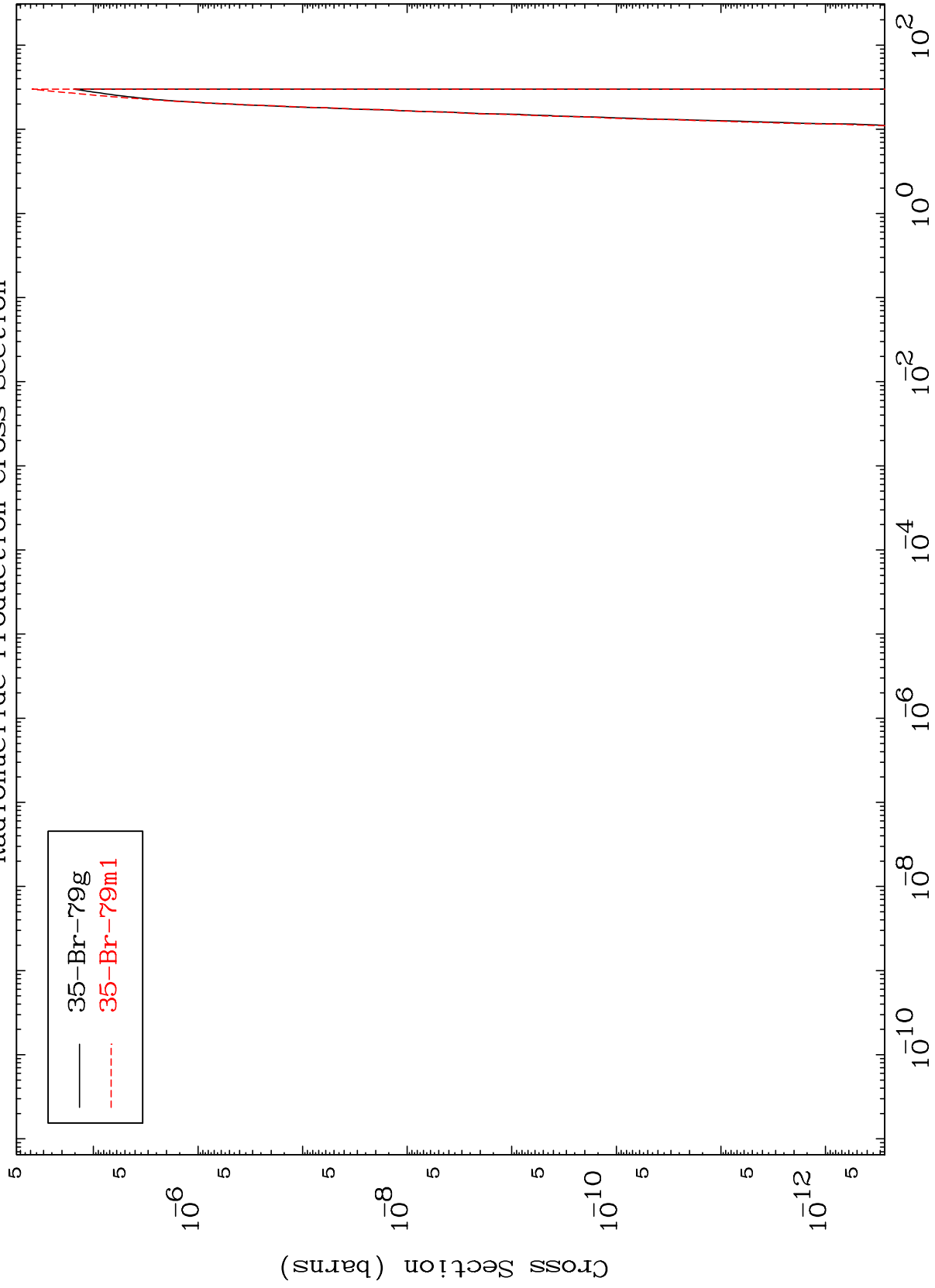
39-Y -86

MAT 3917

(n,2α)

39-Y -86

Radionuclide Production Cross Section



32

Incident Energy (MeV)

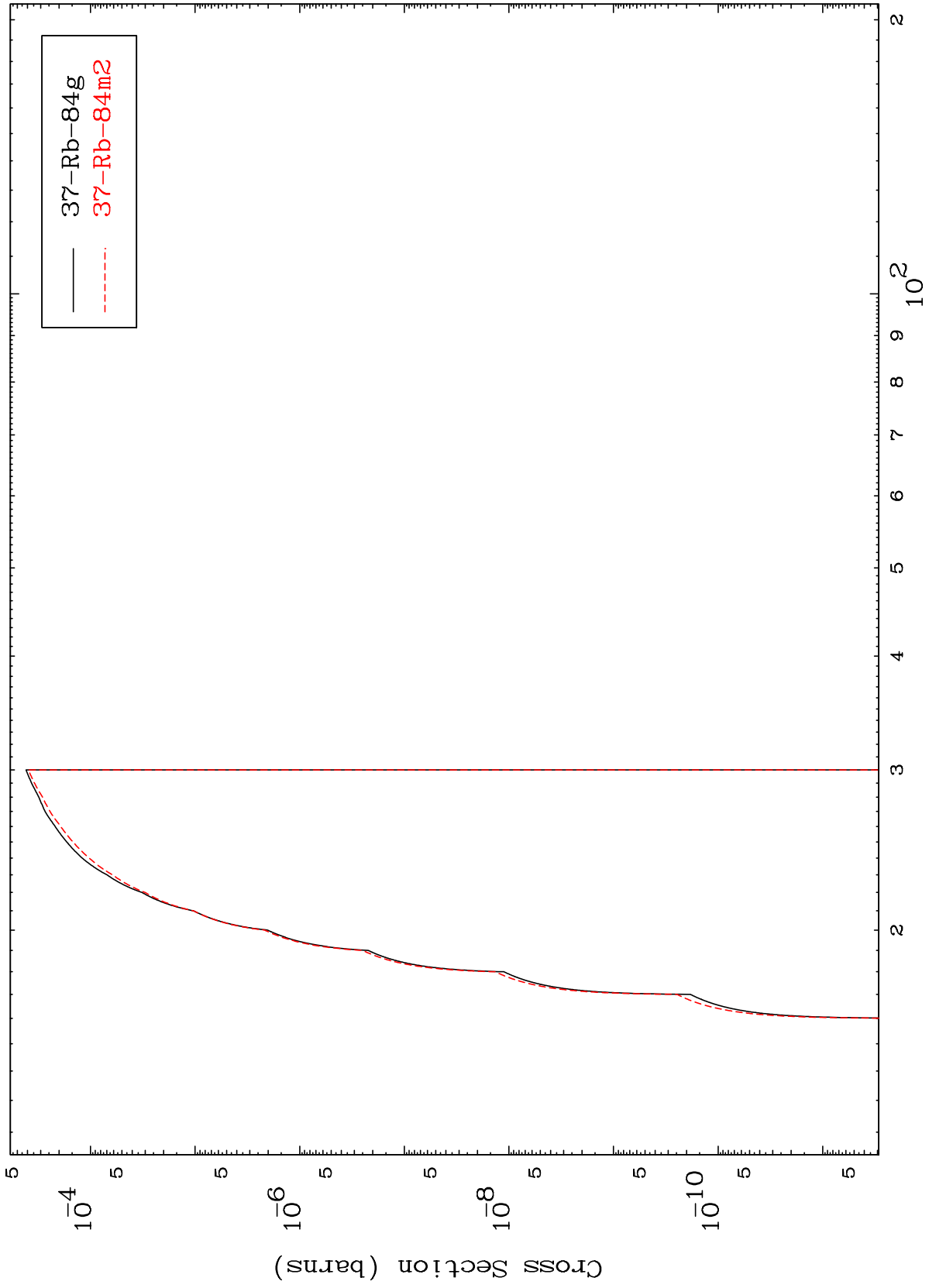
39-Y -86

MAT 3917

(n,p) d

39-Y -86

Radionuclide Production Cross Section



33

Incident Energy (MeV)

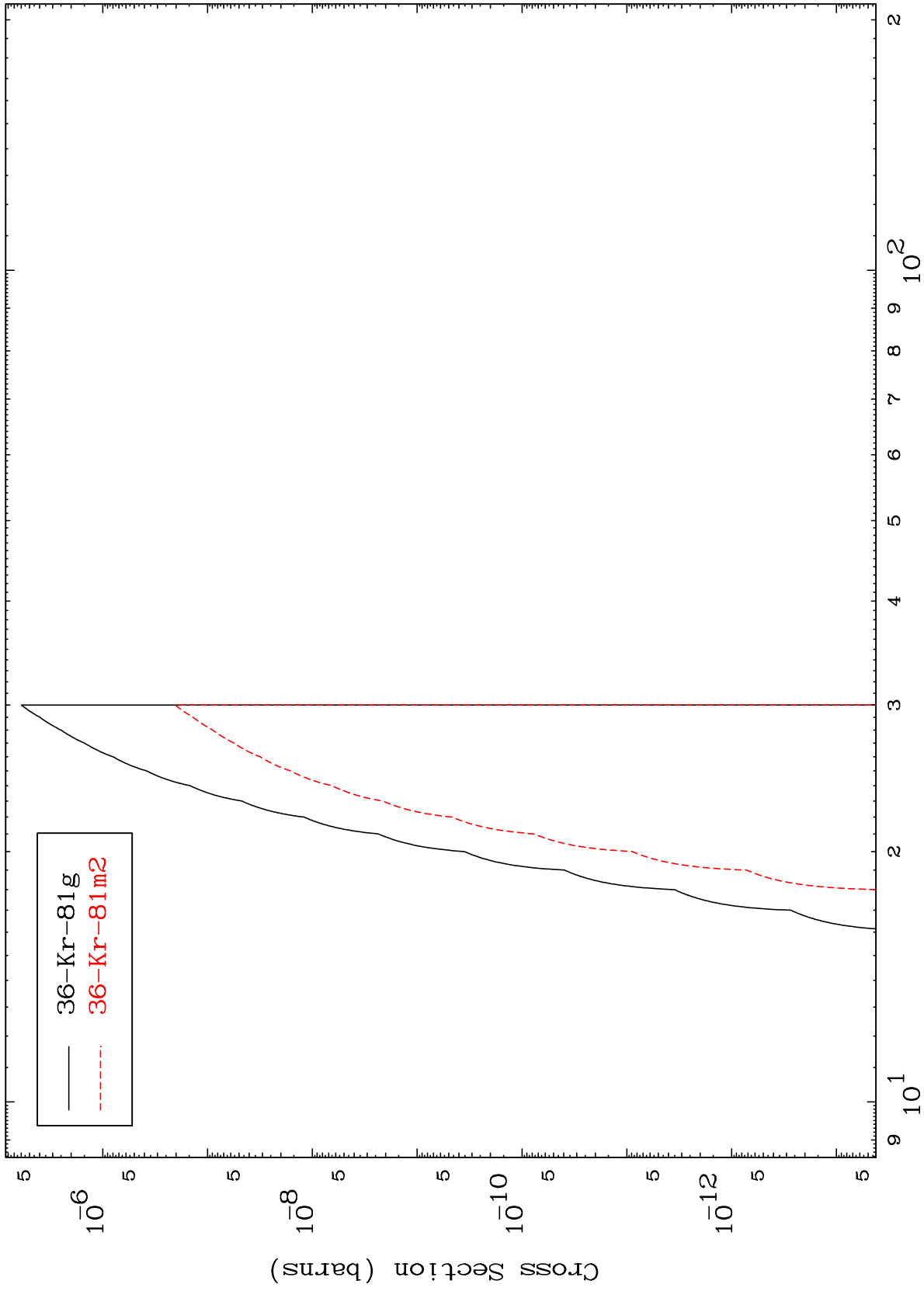
39-Y -86

MAT 3917

(n,d) α

39-Y -86

Radionuclide Production Cross Section



34

Incident Energy (MeV)

39-Y -86