

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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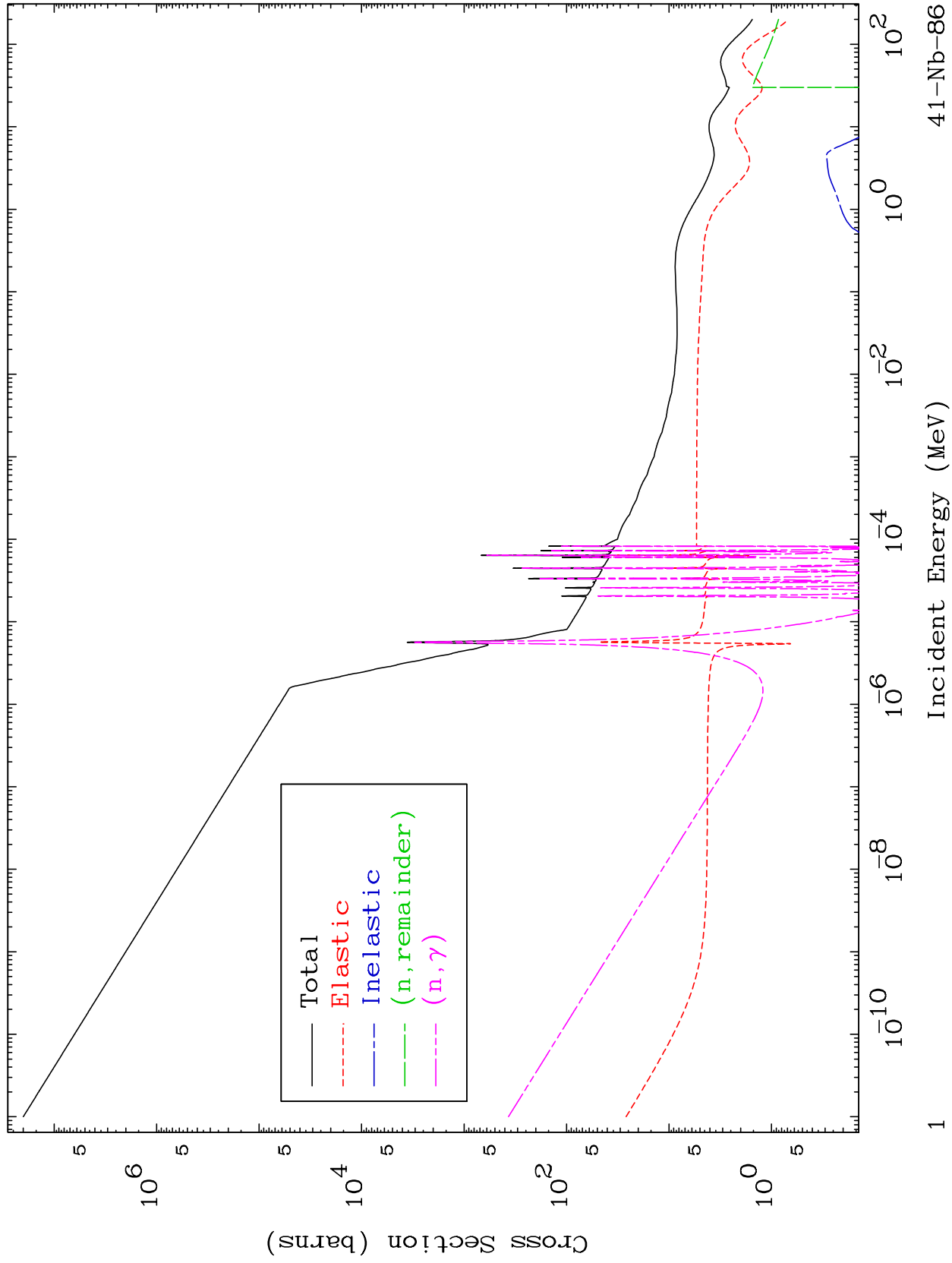
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

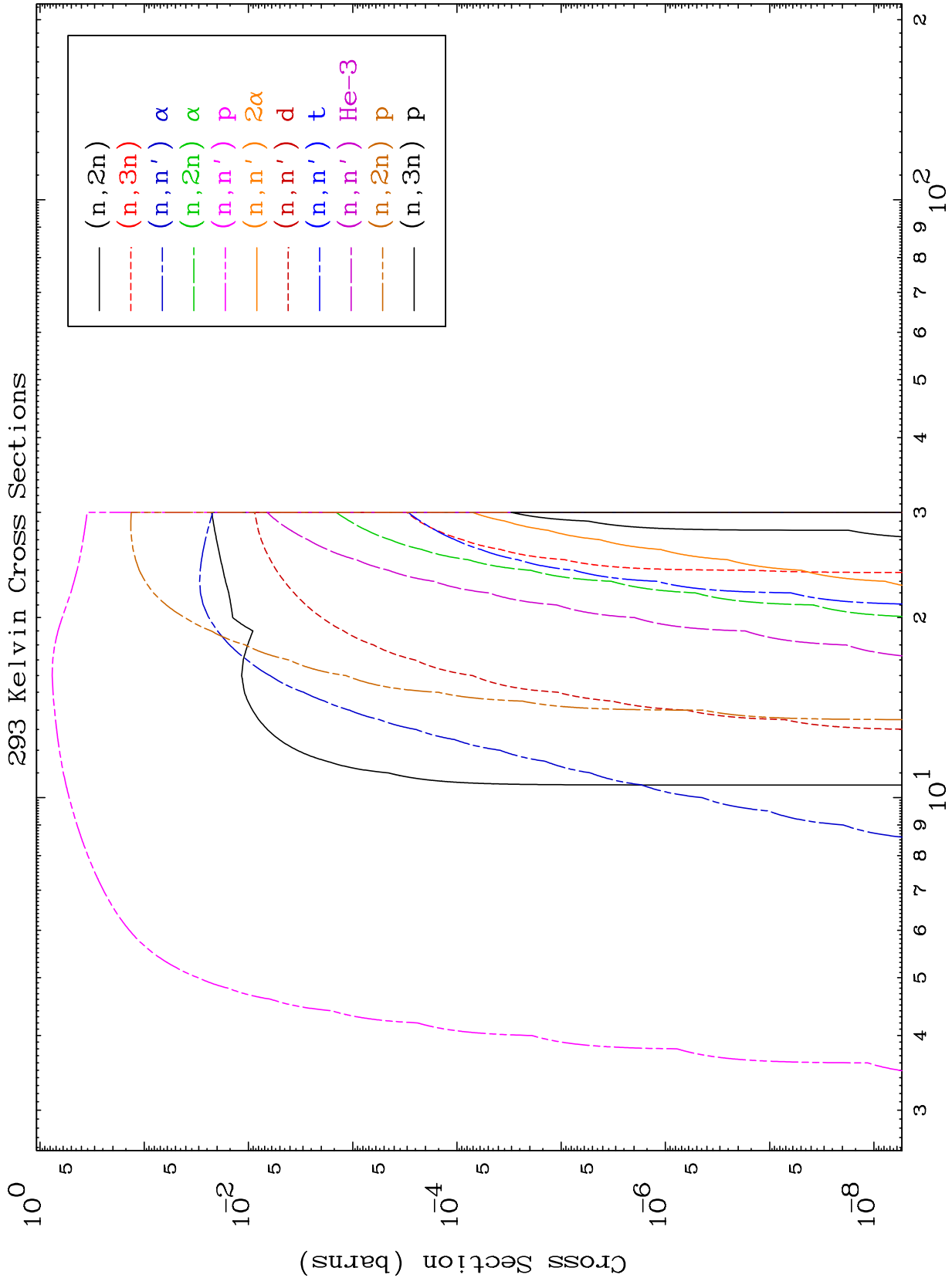
Press Mouse Button to Start

MAT 4105

Major
293 Kelvin Cross Sections

41-Nb-86

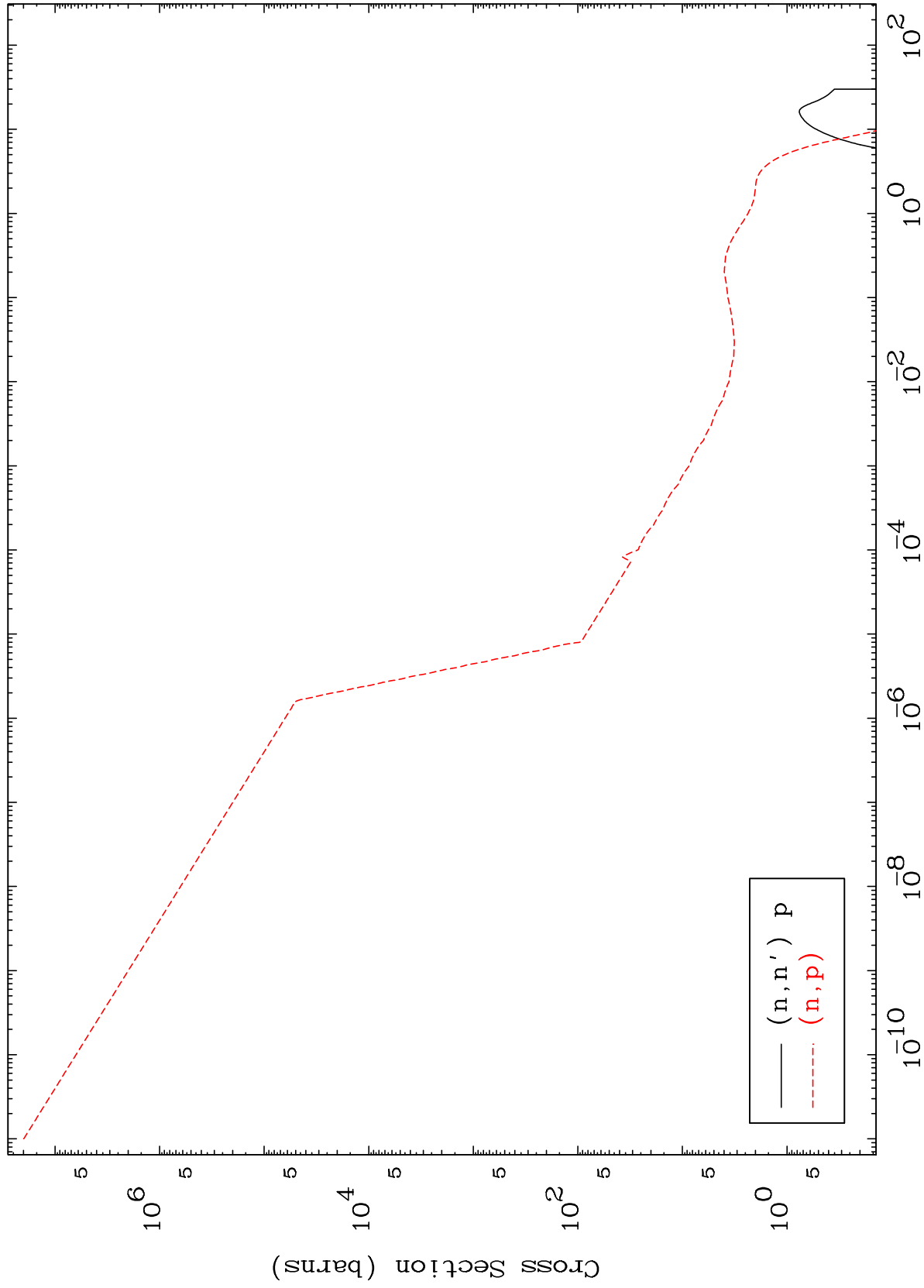


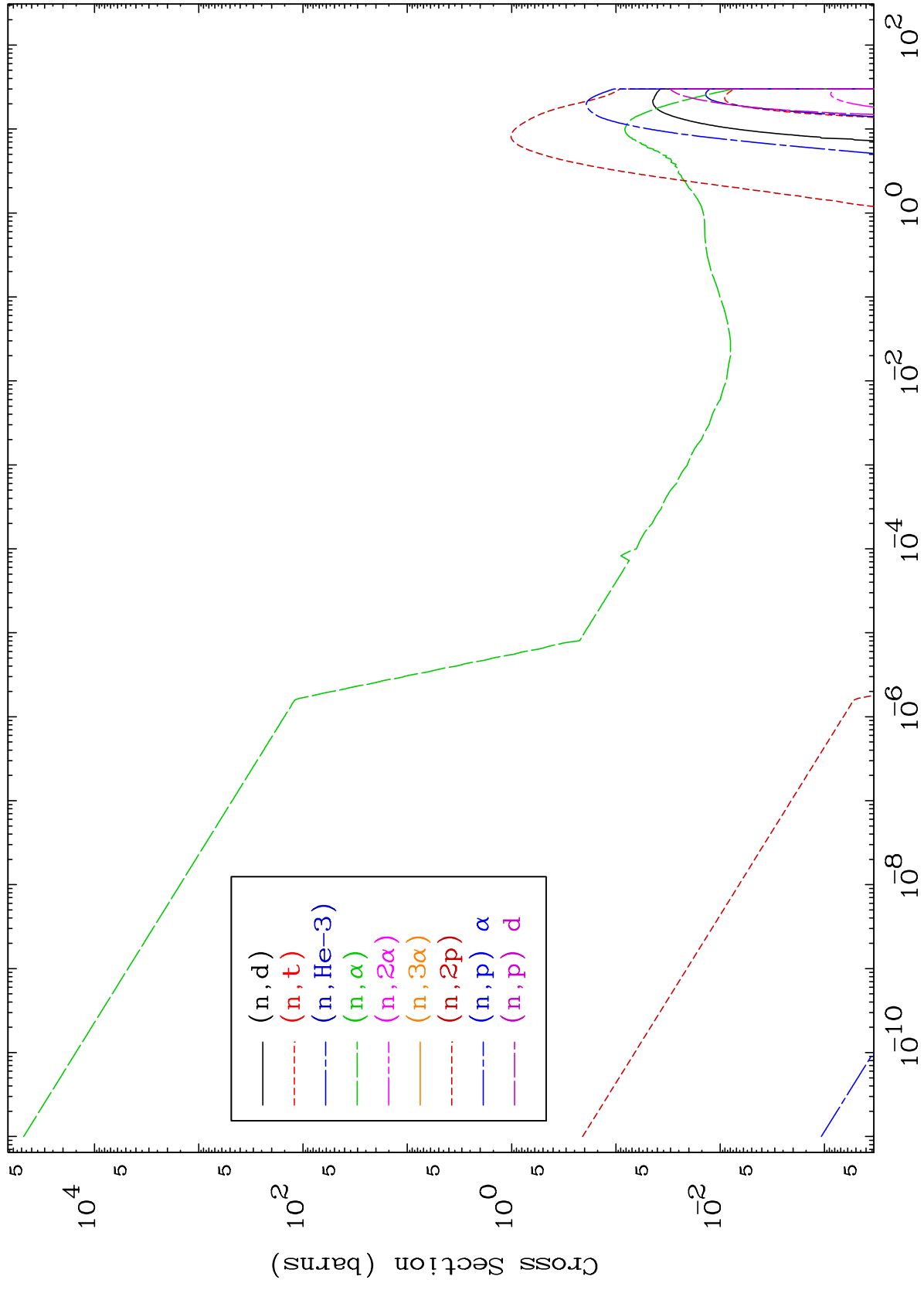


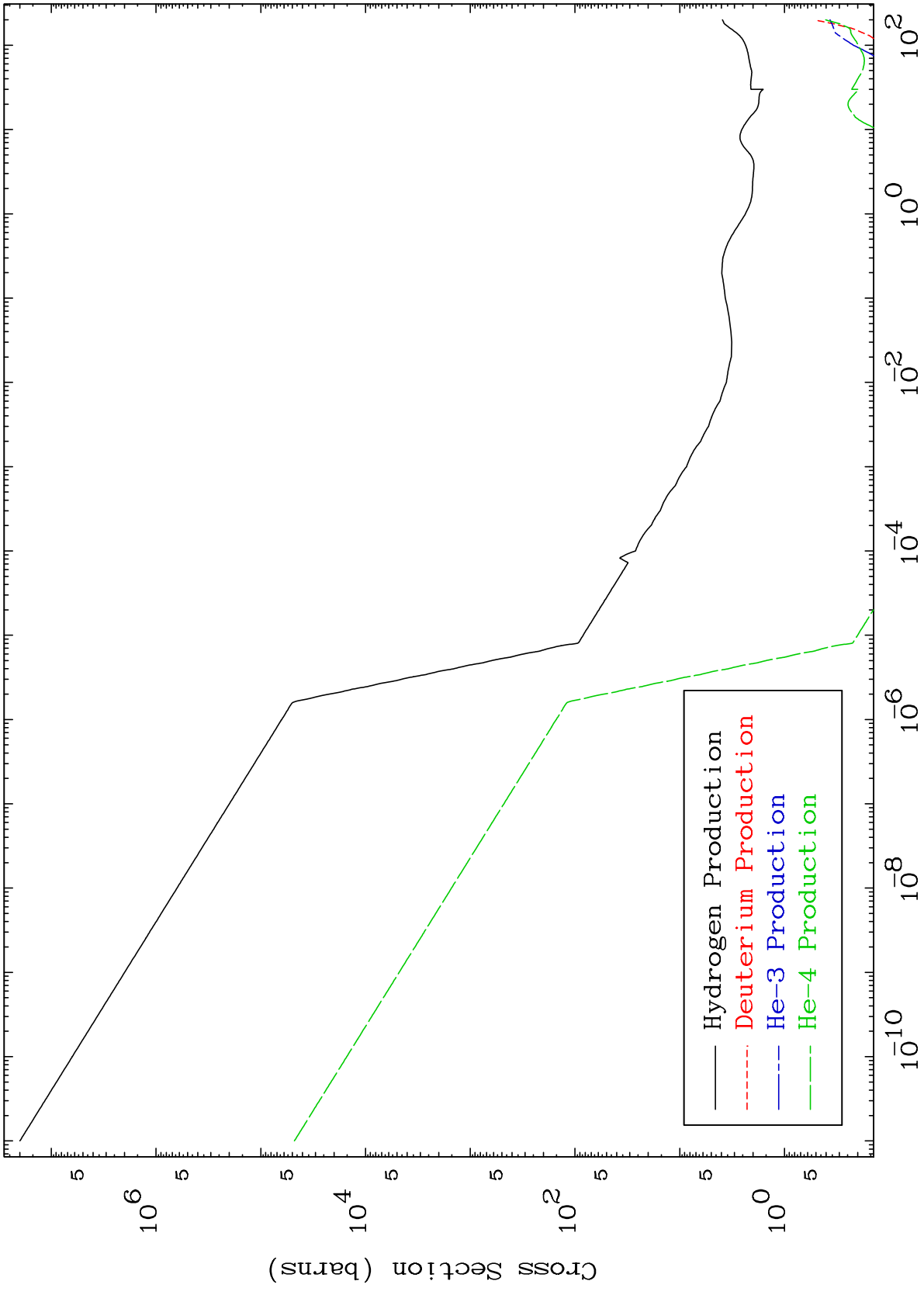
MAT 4105

Charged Particle
293 Kelvin Cross Sections

41-Nb-86



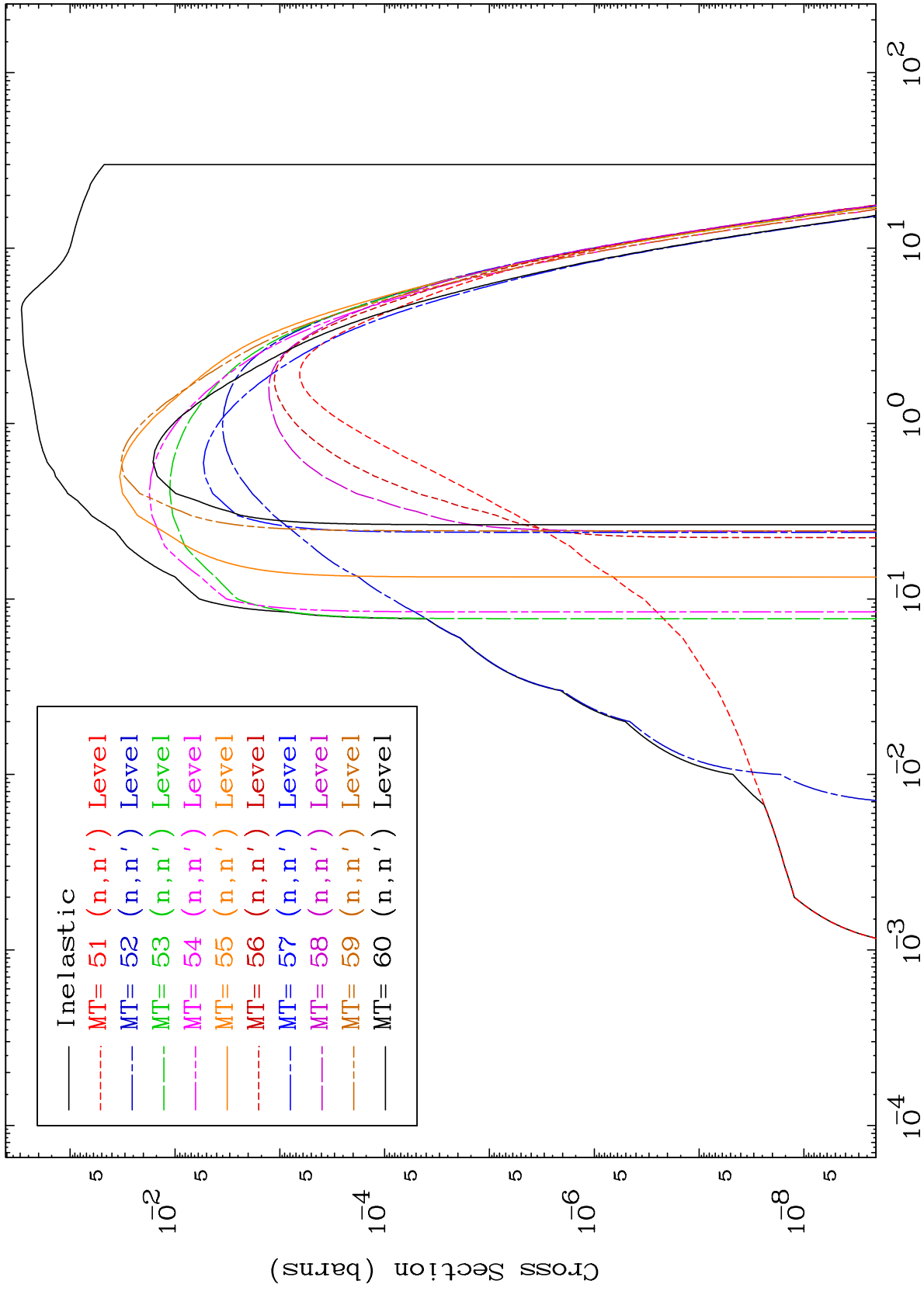




MAT 4105

293 Kelvin Cross Sections
(n,n') Level

41-Nb-86

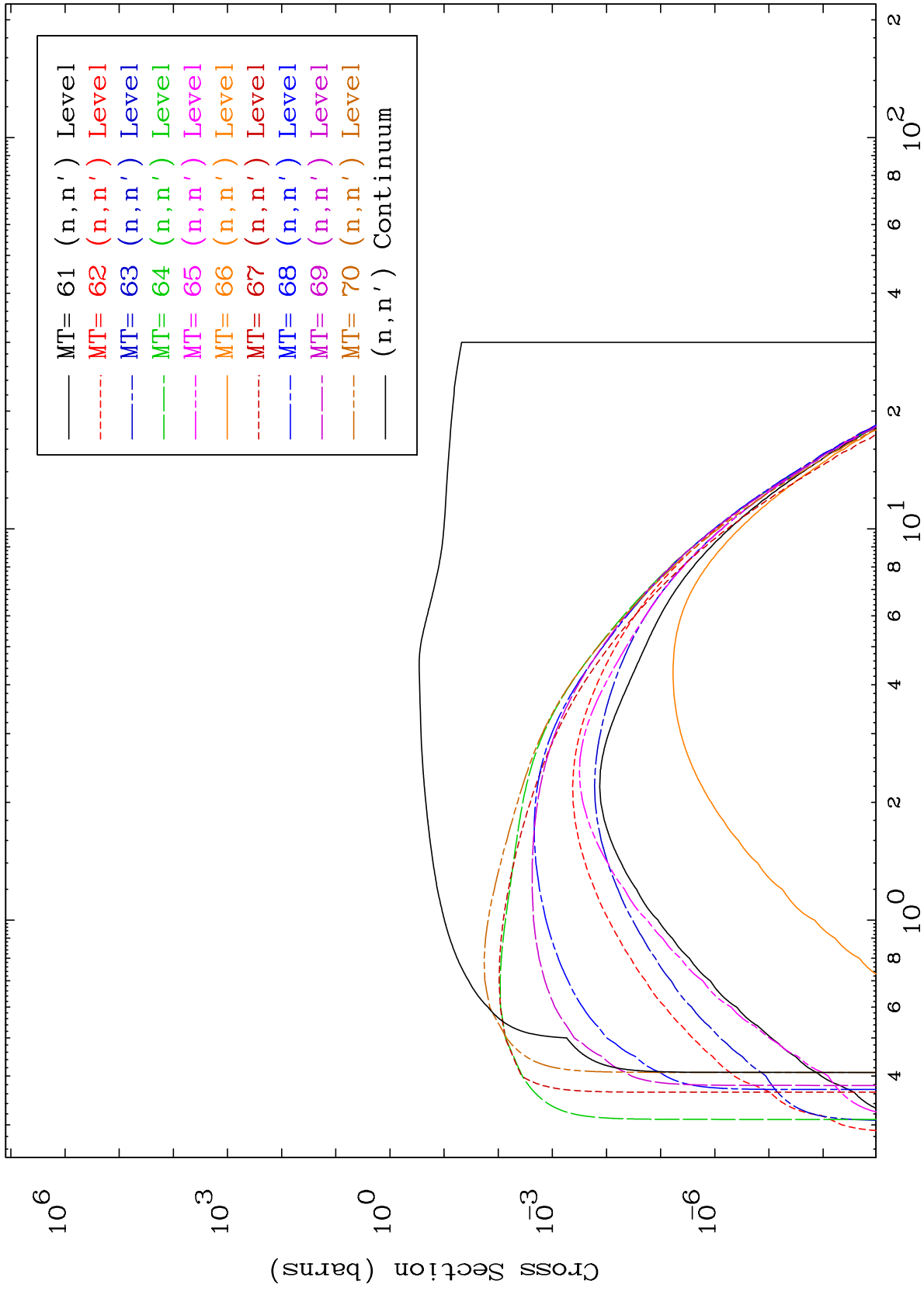


—	Inelastic
- - -	MT= 51 (n,n') Level
- . - .	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . - .	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . - .	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . - .	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level
- . - .	MT= 60 (n,n') Level

41-Nb-86

Incident Energy (MeV)

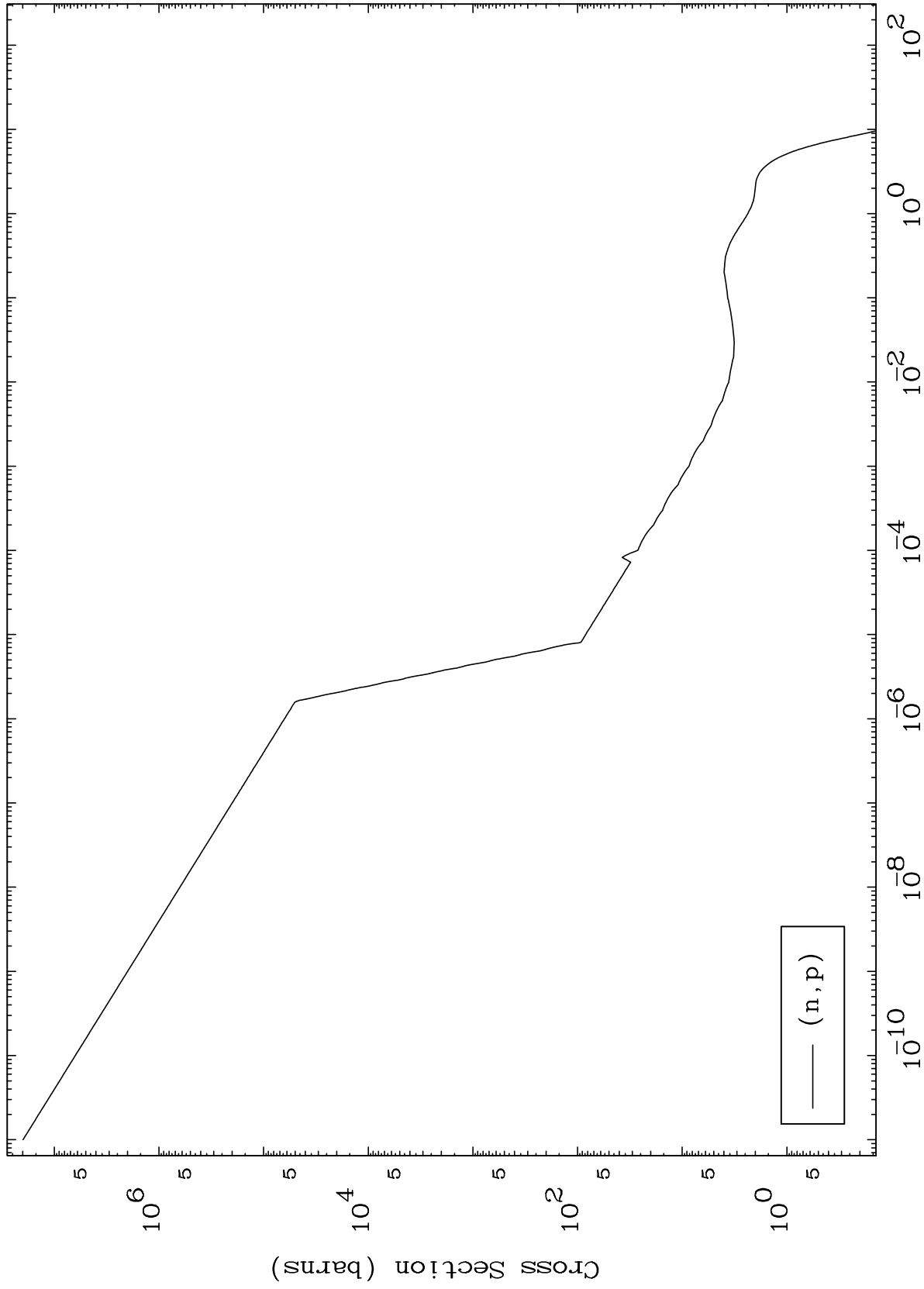
6



MAT 4105

(n,p) Levels
293 Kelvin Cross Sections

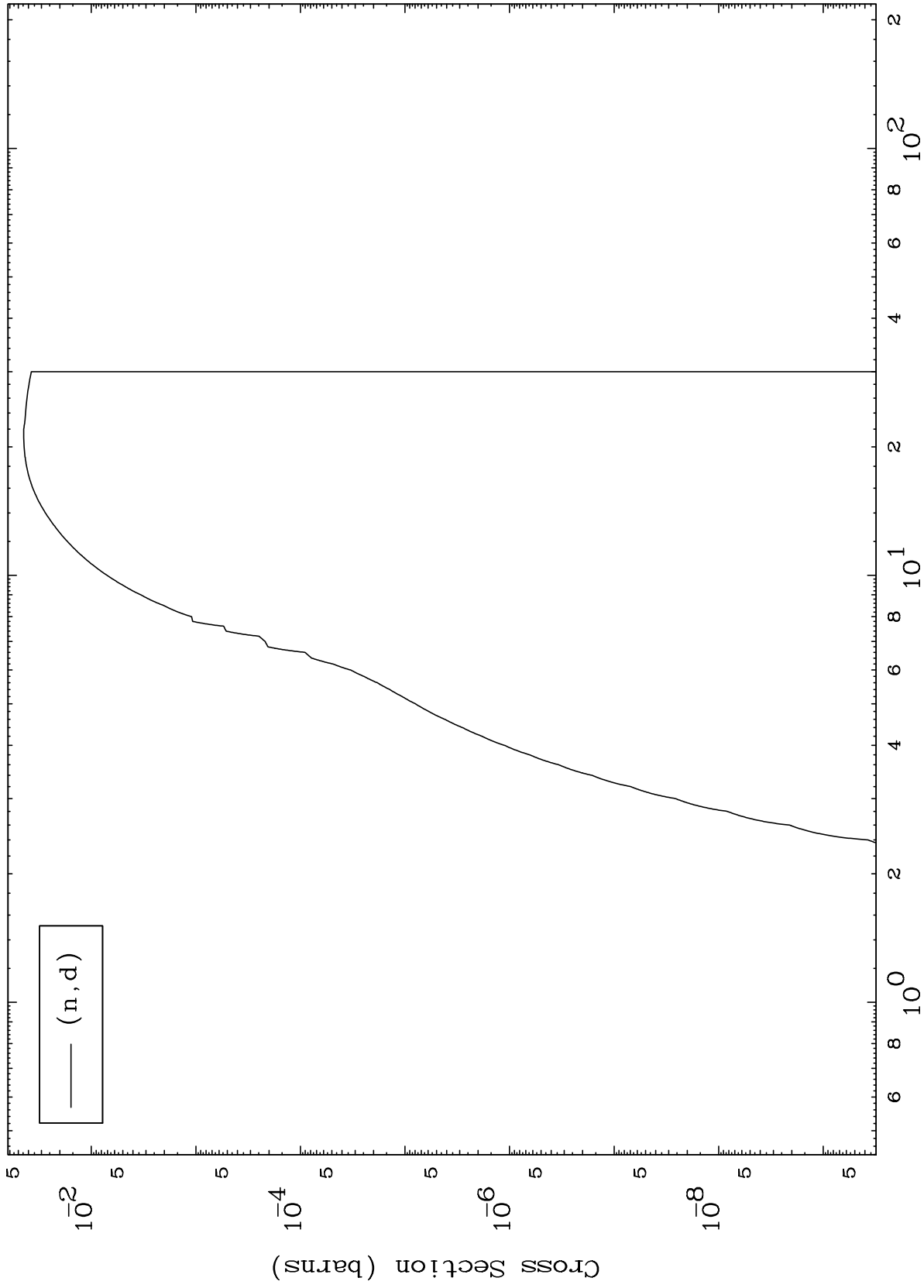
41-Nb-86



MAT 4105

(n,d) Levels
293 Kelvin Cross Sections

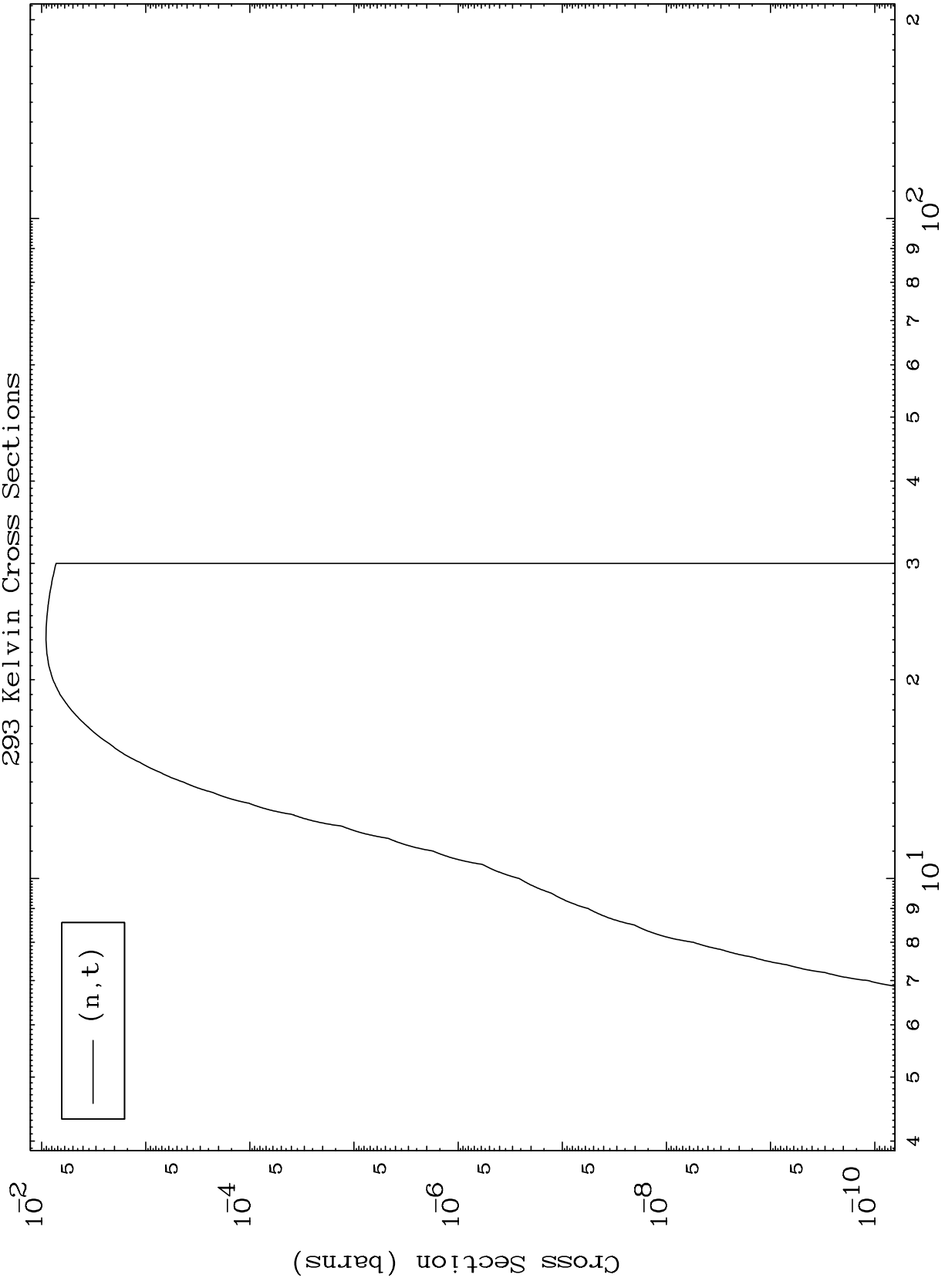
41-Nb-86



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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-86



10

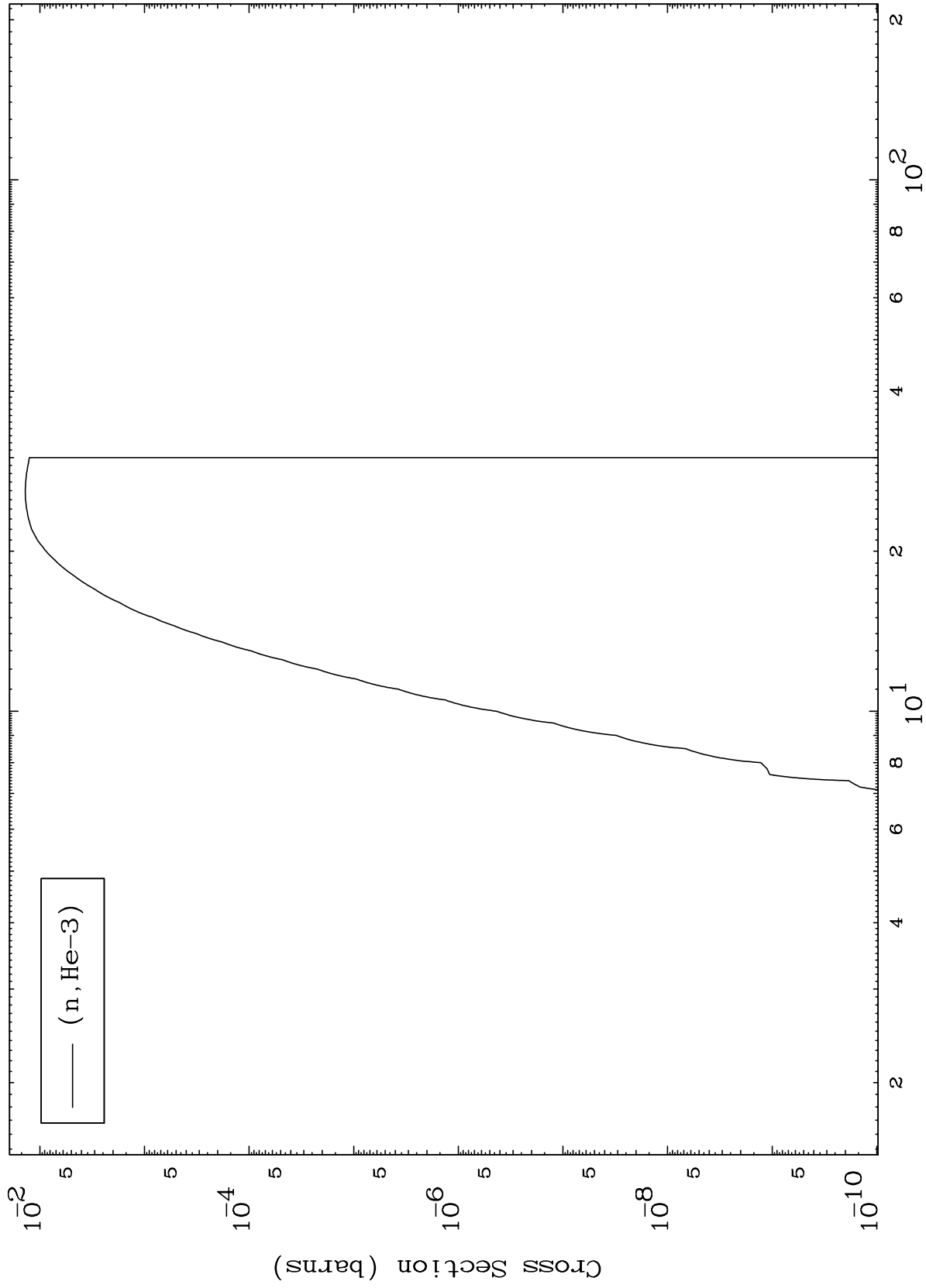
Incident Energy (MeV)

41-Nb-86

MAT 4105

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-86



11

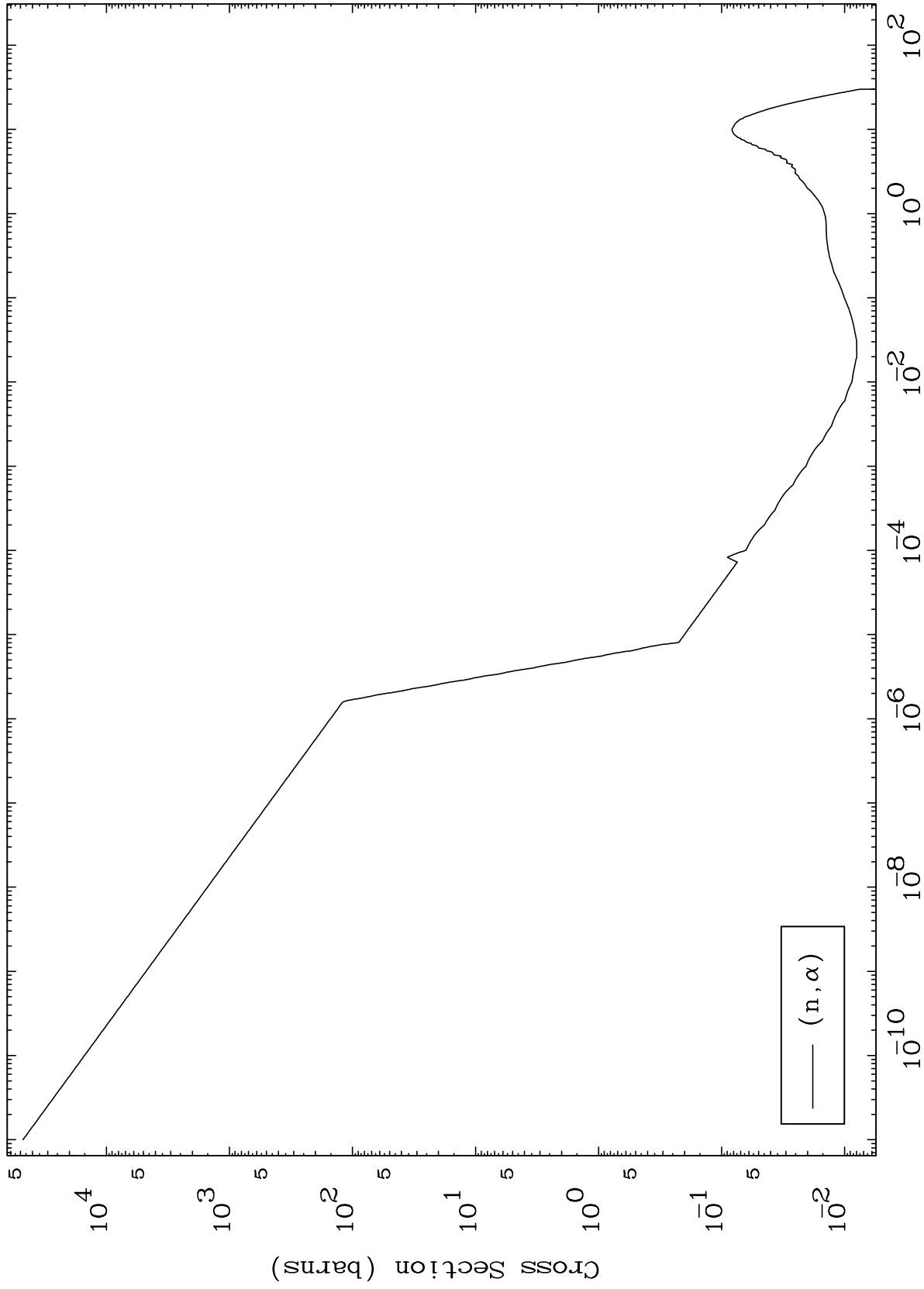
Incident Energy (MeV)

41-Nb-86

MAT 4105

(n,α) Levels
293 Kelvin Cross Sections

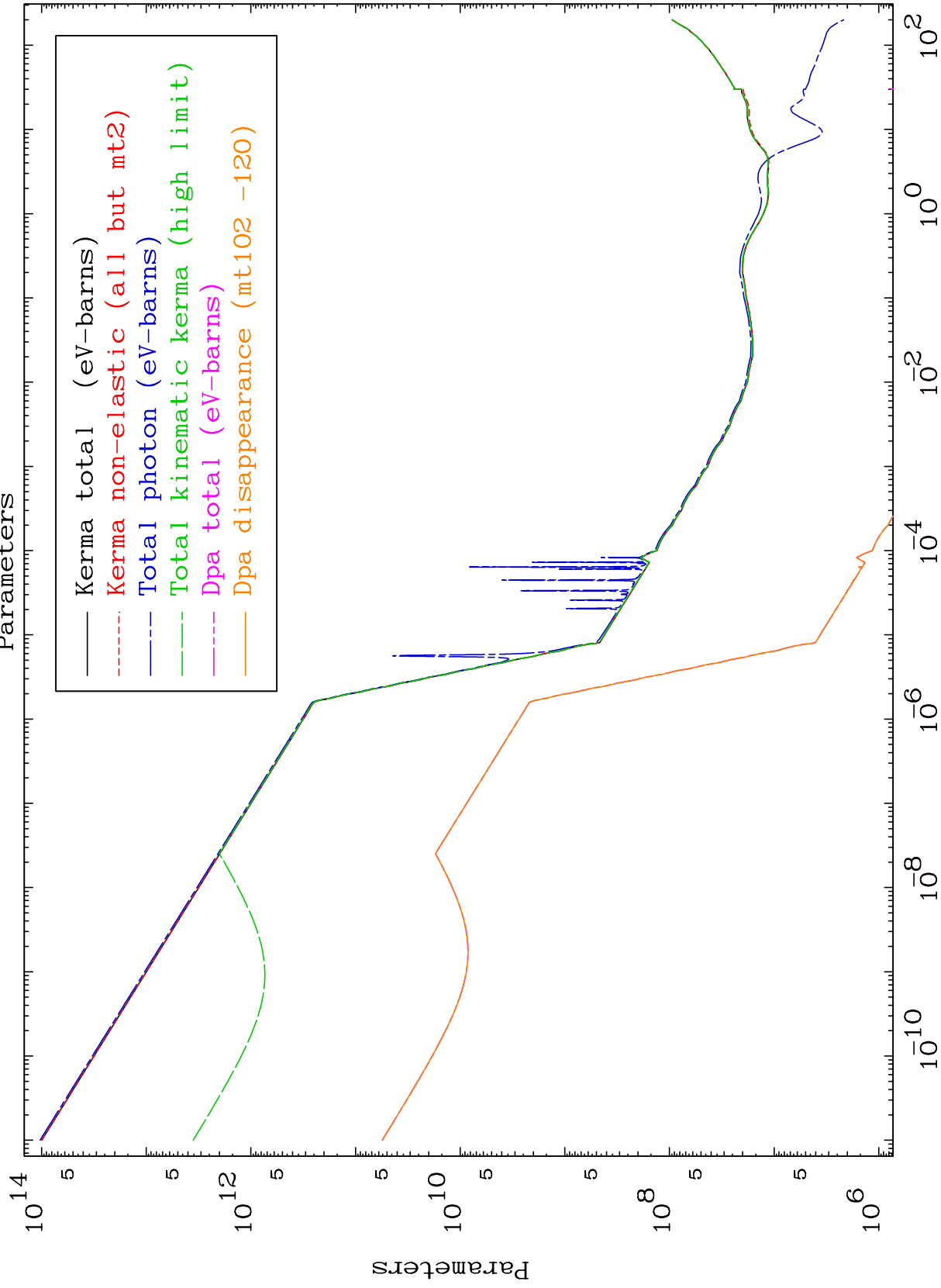
41-Nb-86



12

Incident Energy (MeV)

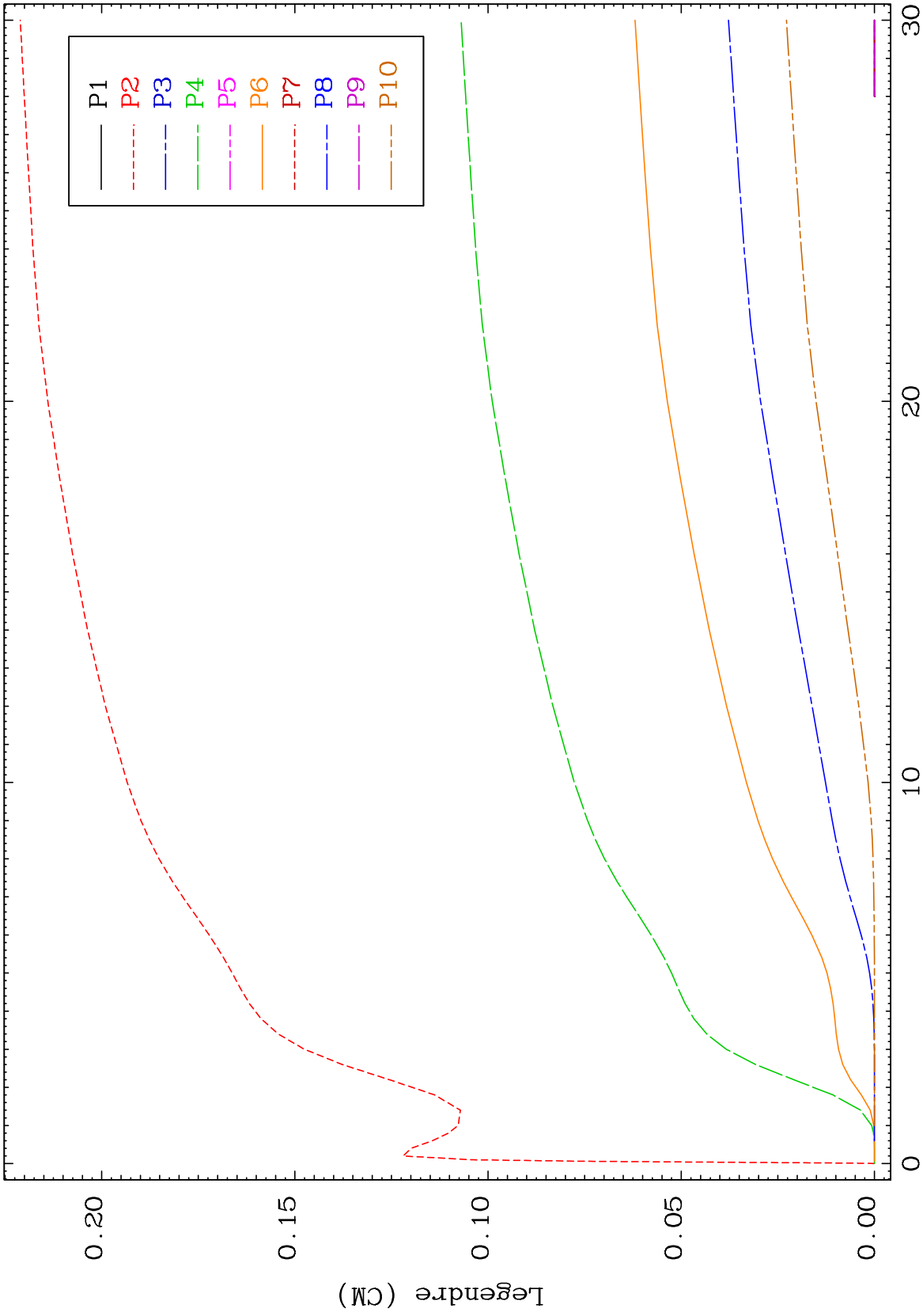
41-Nb-86



MAT 4105

Elastic Legendre Coefficients

41-Nb-86



14

Incident Energy (MeV)

41-Nb-86

MAT 4105

Elastic Legendre Coefficients

41-Nb-86



15

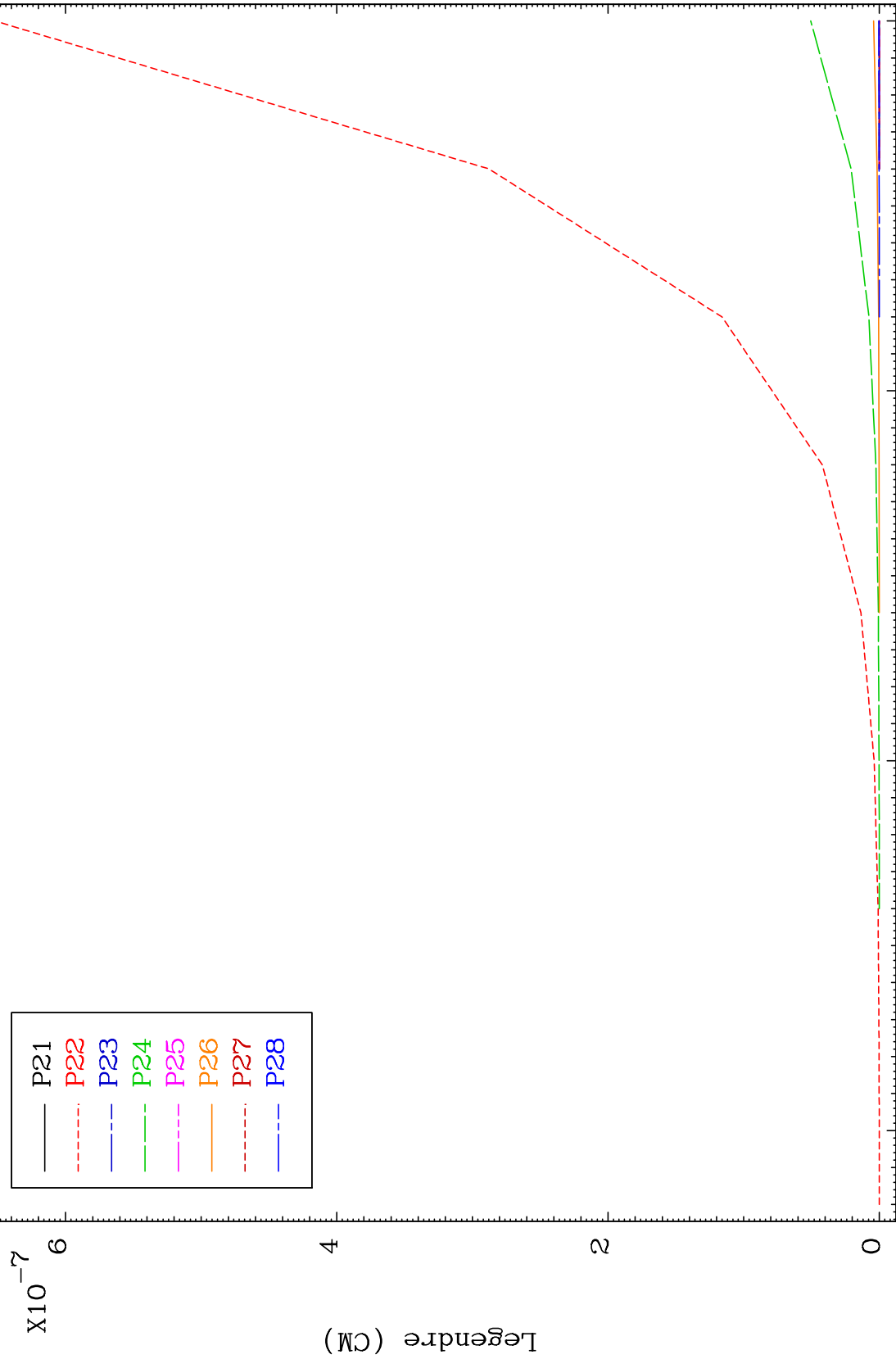
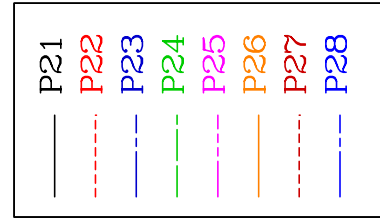
Incident Energy (MeV)

41-Nb-86

MAT 4105

Elastic Legendre Coefficients

41-Nb-86



16

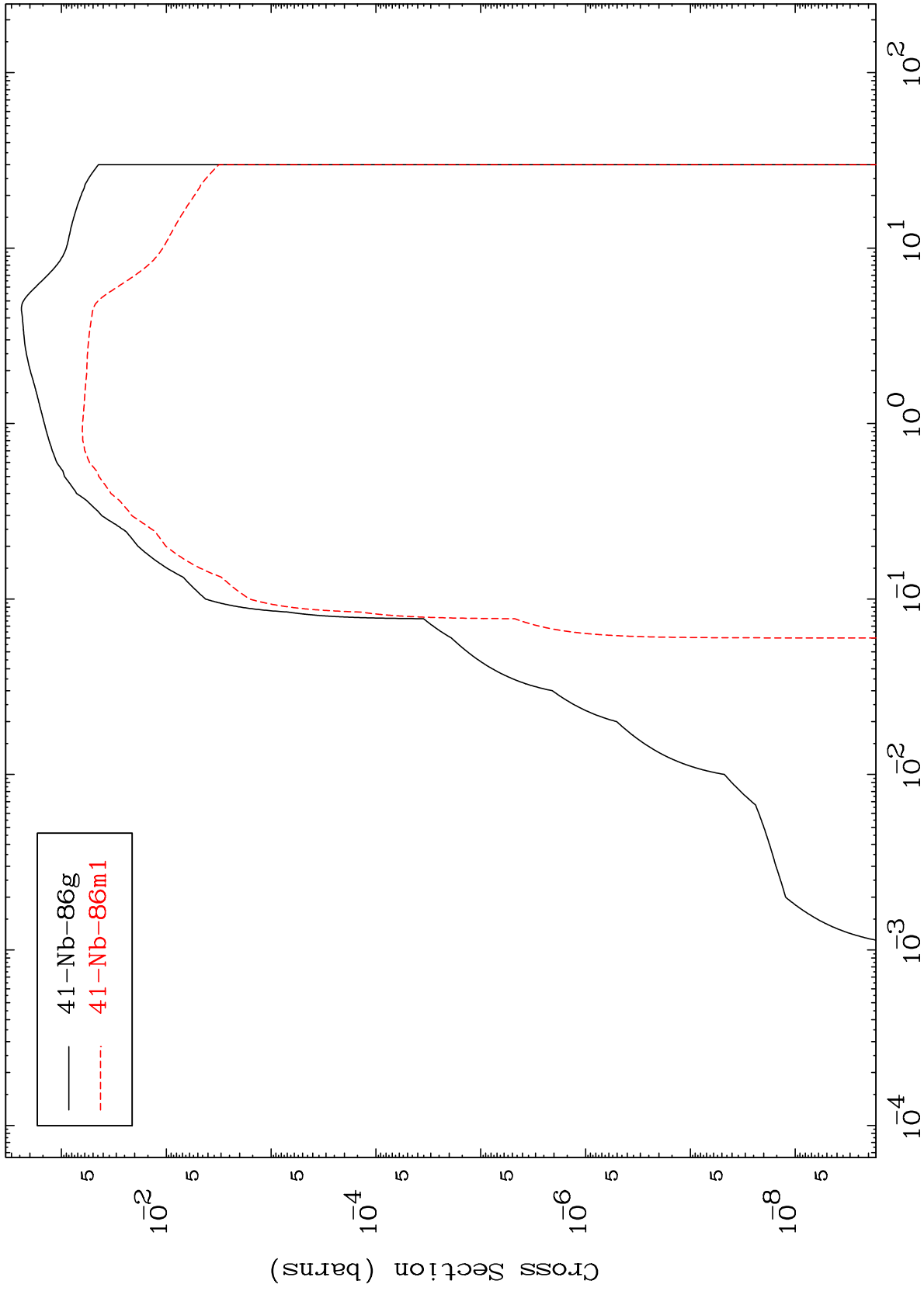
Incident Energy (MeV)

41-Nb-86

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Inelastic Radionuclide Production Cross Section

41-Nb-86



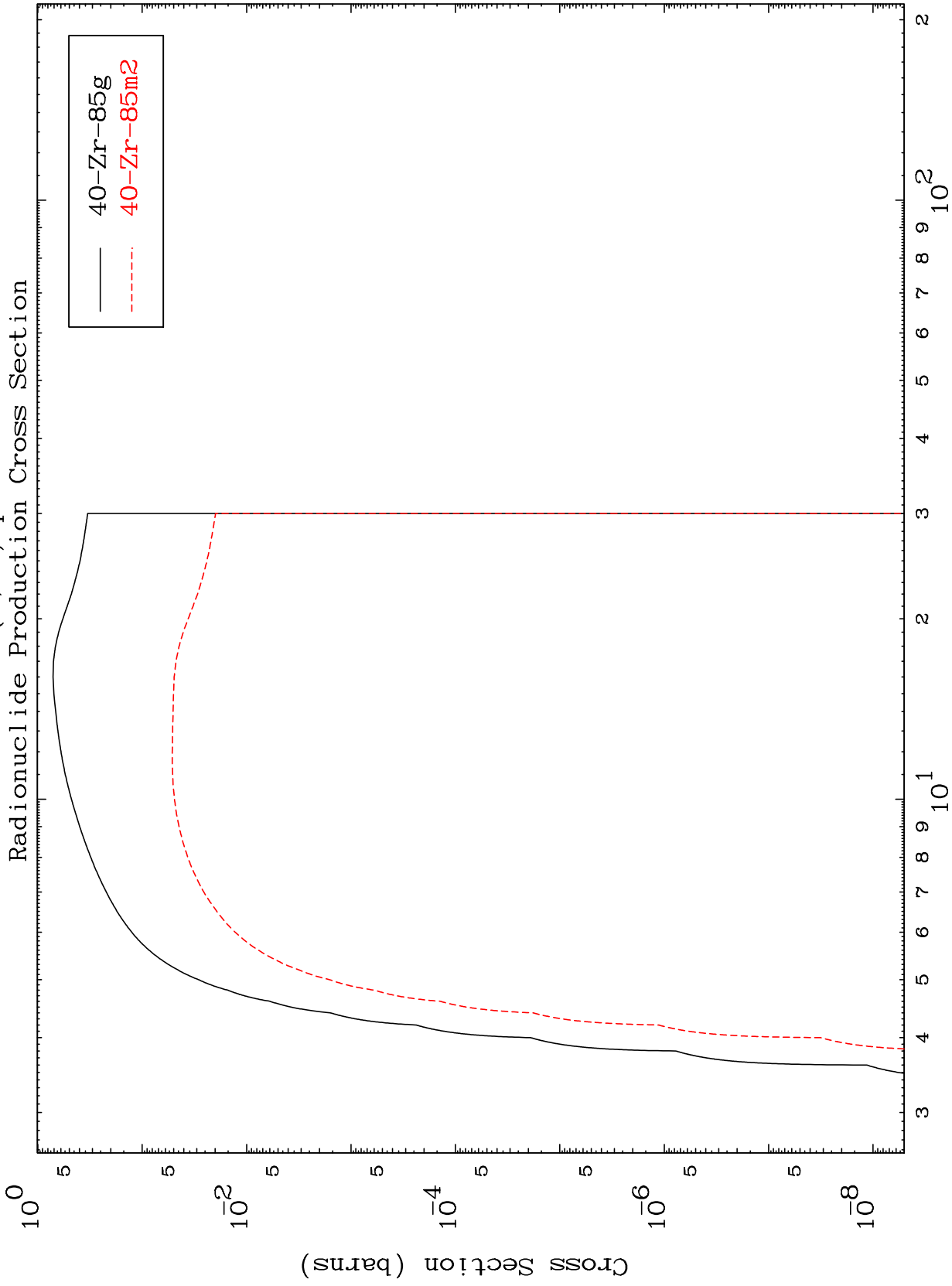
17

41-Nb-86

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(n,n') p

41-Nb-86



18

Incident Energy (MeV)

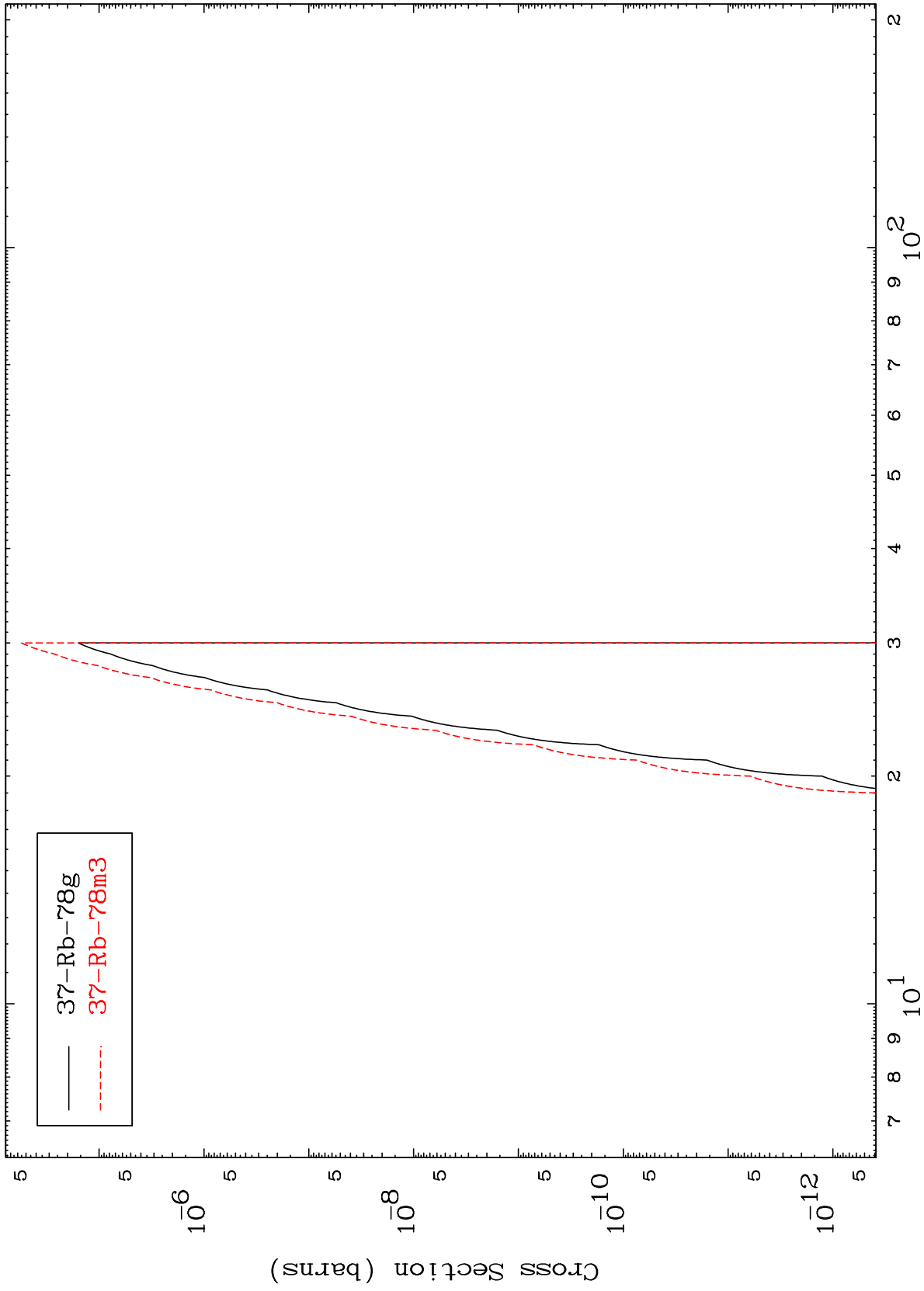
41-Nb-86

MAT 4105

(n, n') 2α

41-Nb-86

Radionuclide Production Cross Section



19

Incident Energy (MeV)

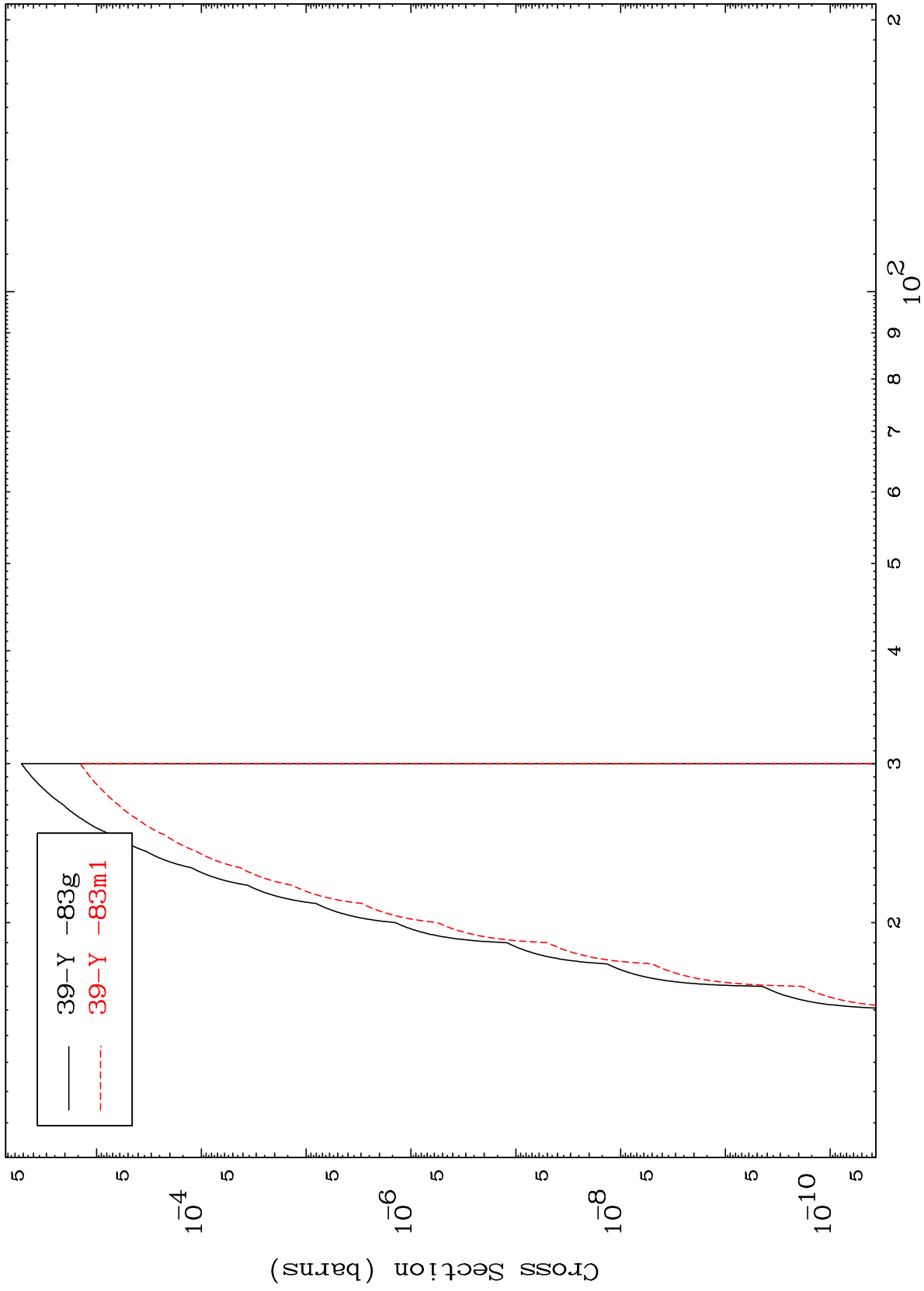
41-Nb-86

MAT 4105

(n, n') He-3

41-Nb-86

Radionuclide Production Cross Section



20

Incident Energy (MeV)

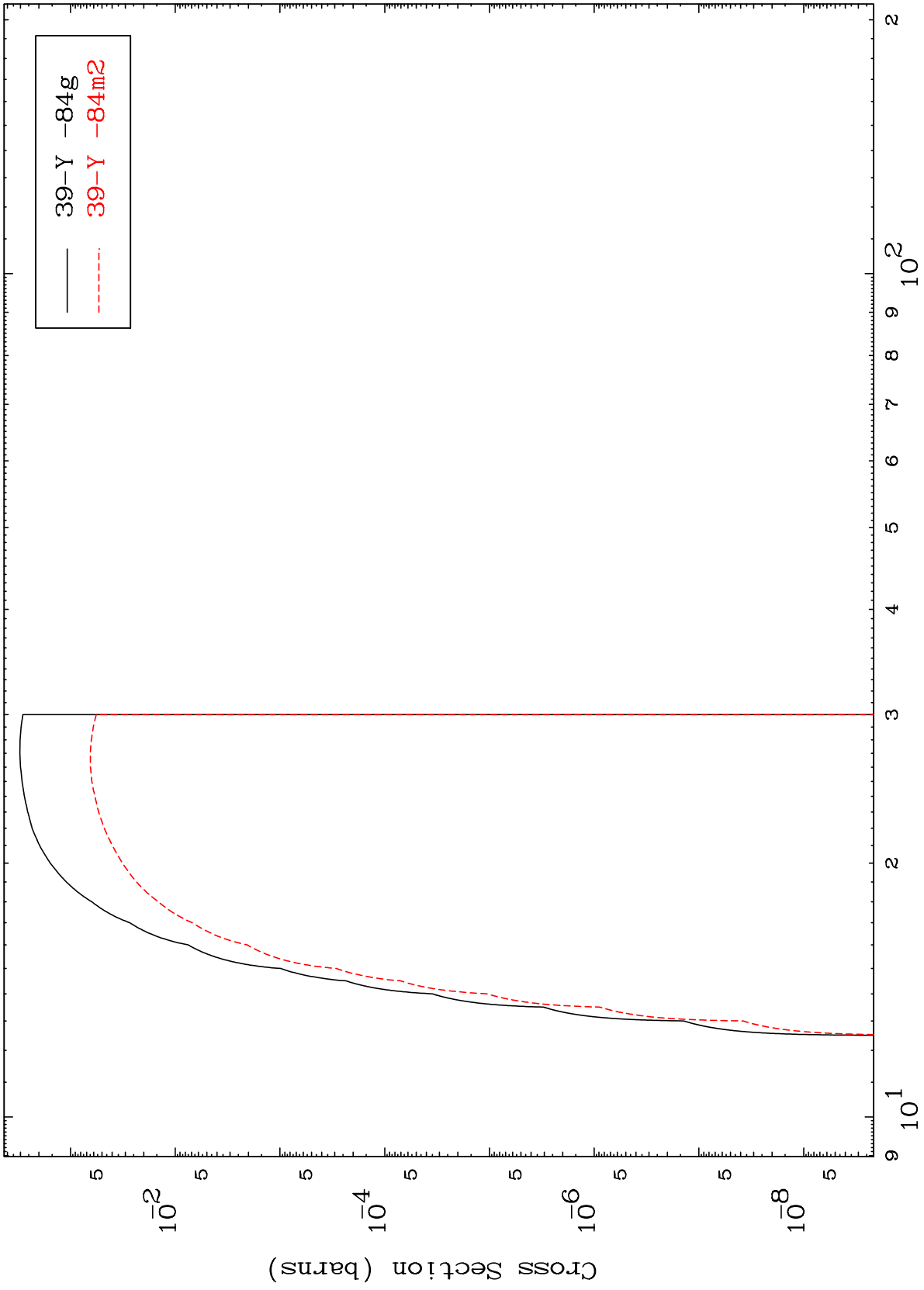
41-Nb-86

MAT 4105

(n,2n) p

41-Nb-86

Radionuclide Production Cross Section



21

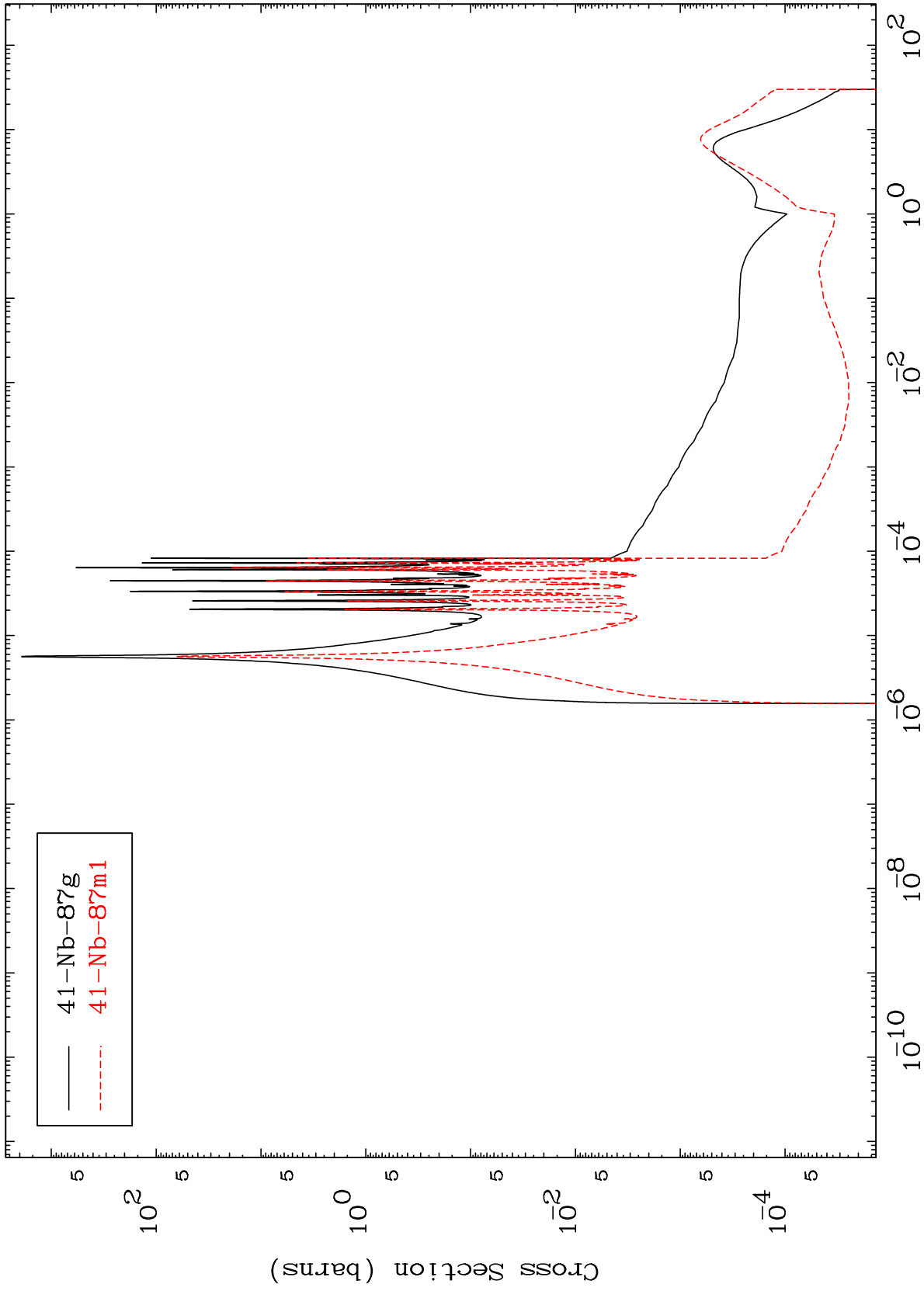
Incident Energy (MeV)

41-Nb-86

MAT 4105

41-Nb-86

Radionuclide Production Cross Section



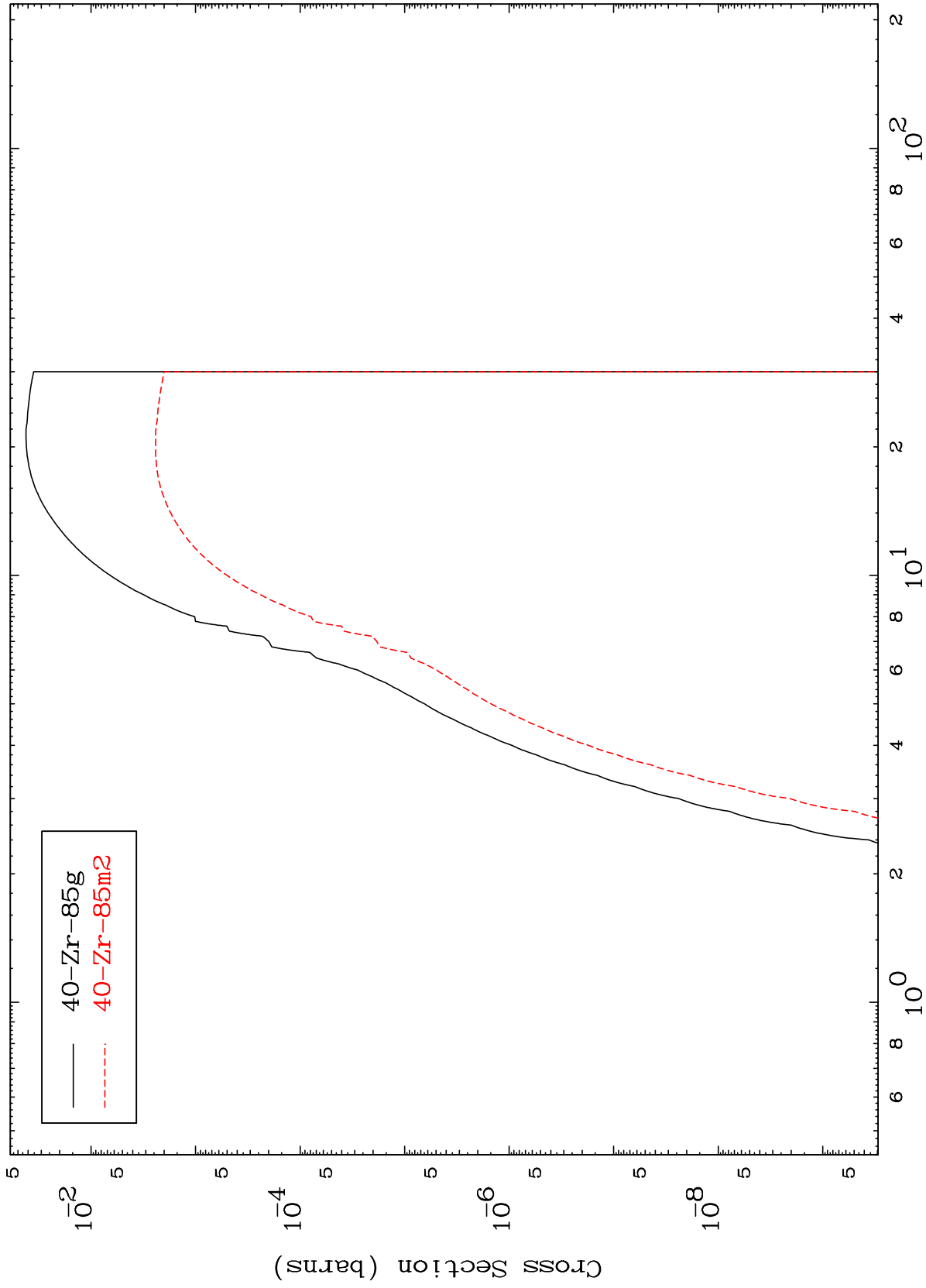
22

41-Nb-86

MAT 4105

(n,d)
Radionuclide Production Cross Section

41-Nb-86



23

Incident Energy (MeV)

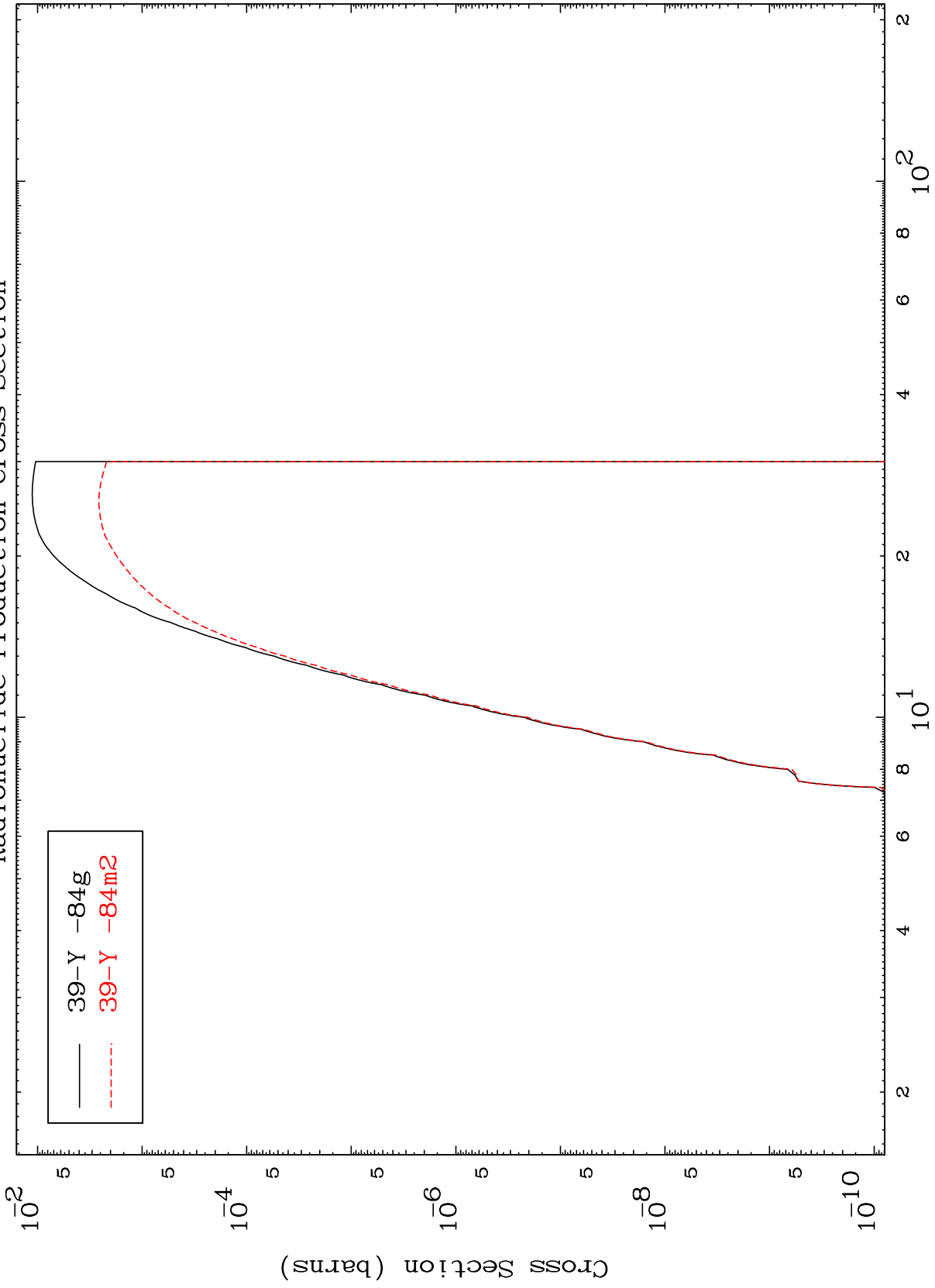
41-Nb-86

MAT 4105

(n, He-3)

41-Nb-86

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

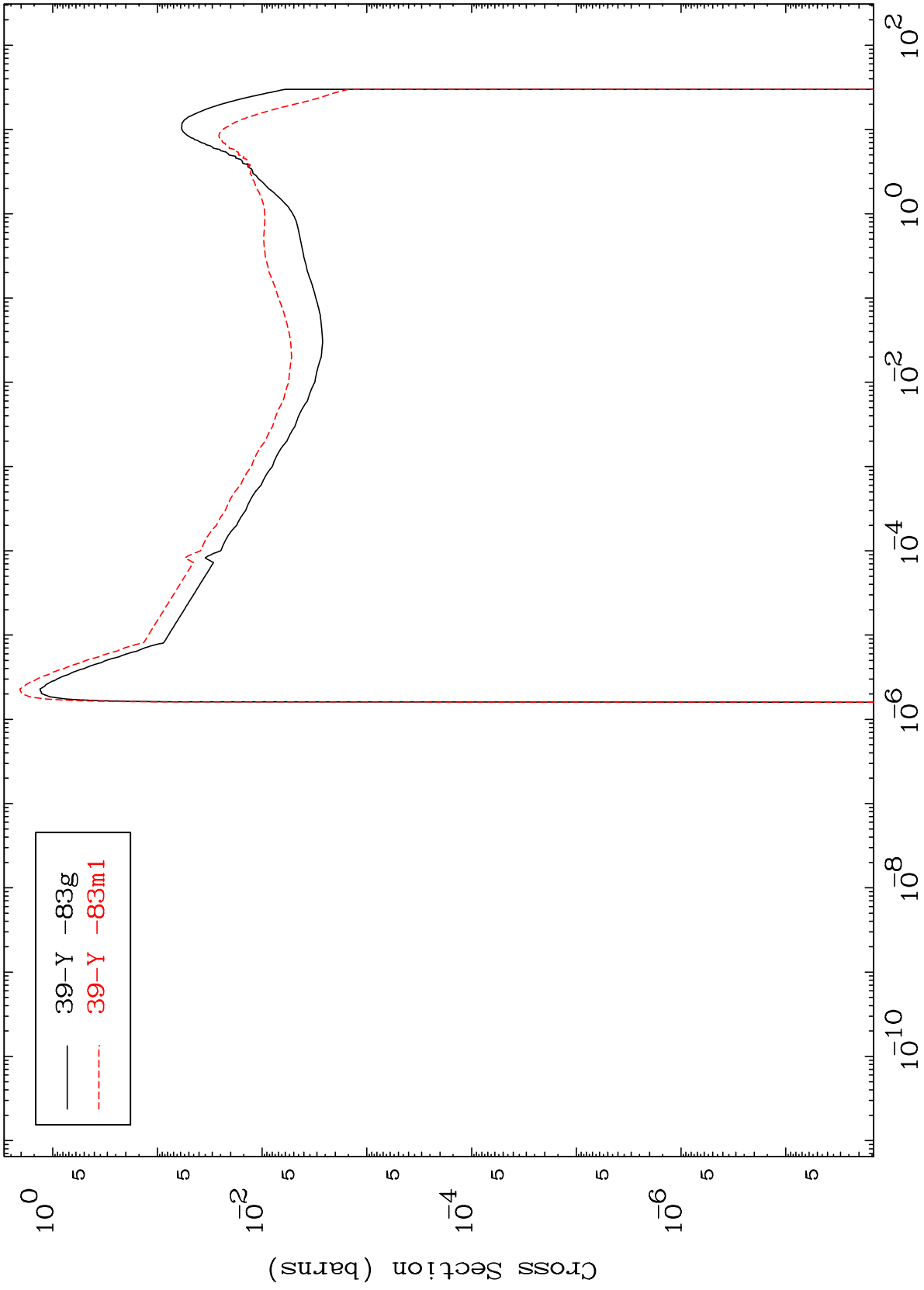
24

41-Nb-86

MAT 4105

41-Nb-86

Radionuclide Production Cross Section



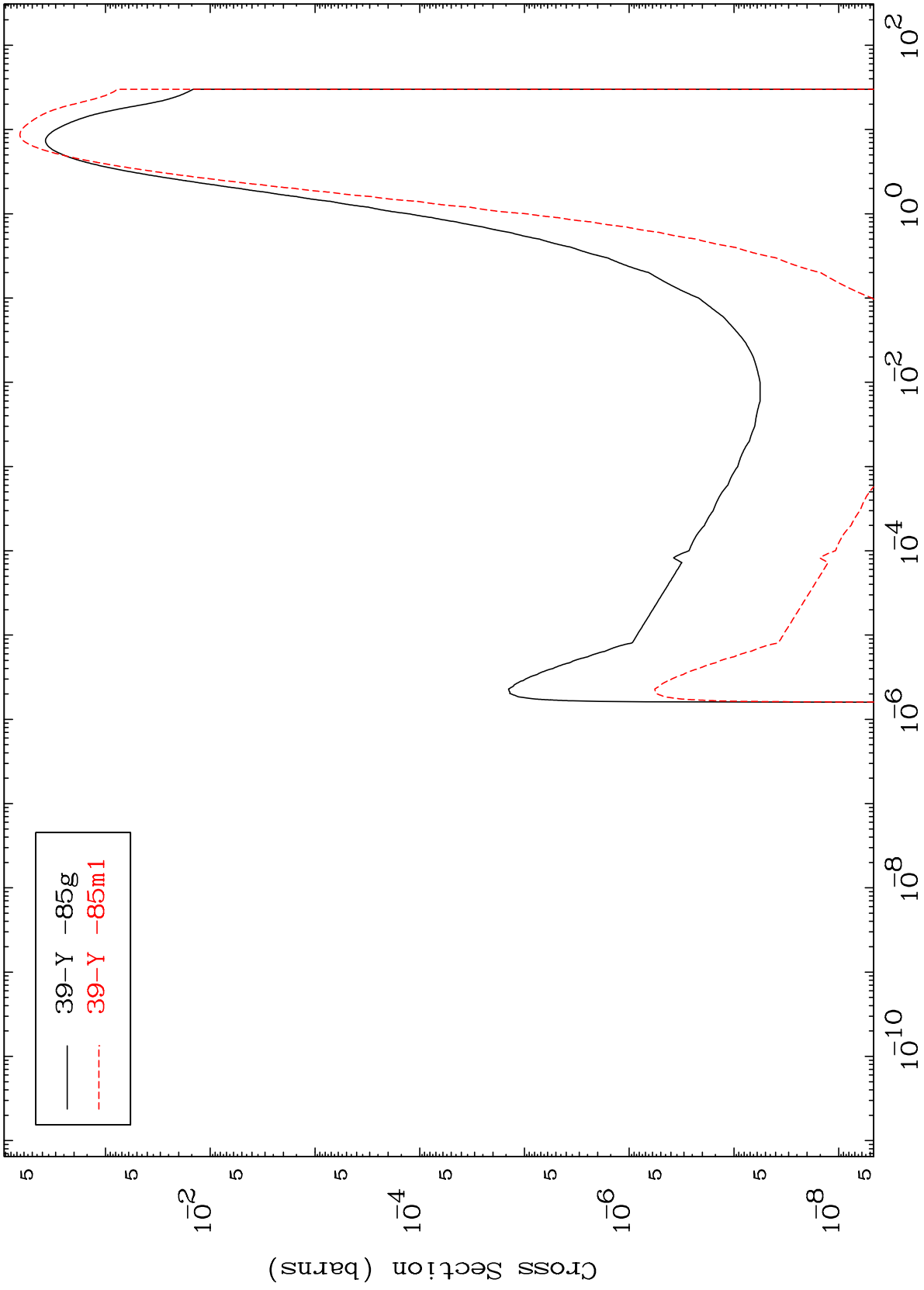
25

41-Nb-86

MAT 4105

Radionuclide Production Cross Section
(n,2p)

41-Nb-86



26

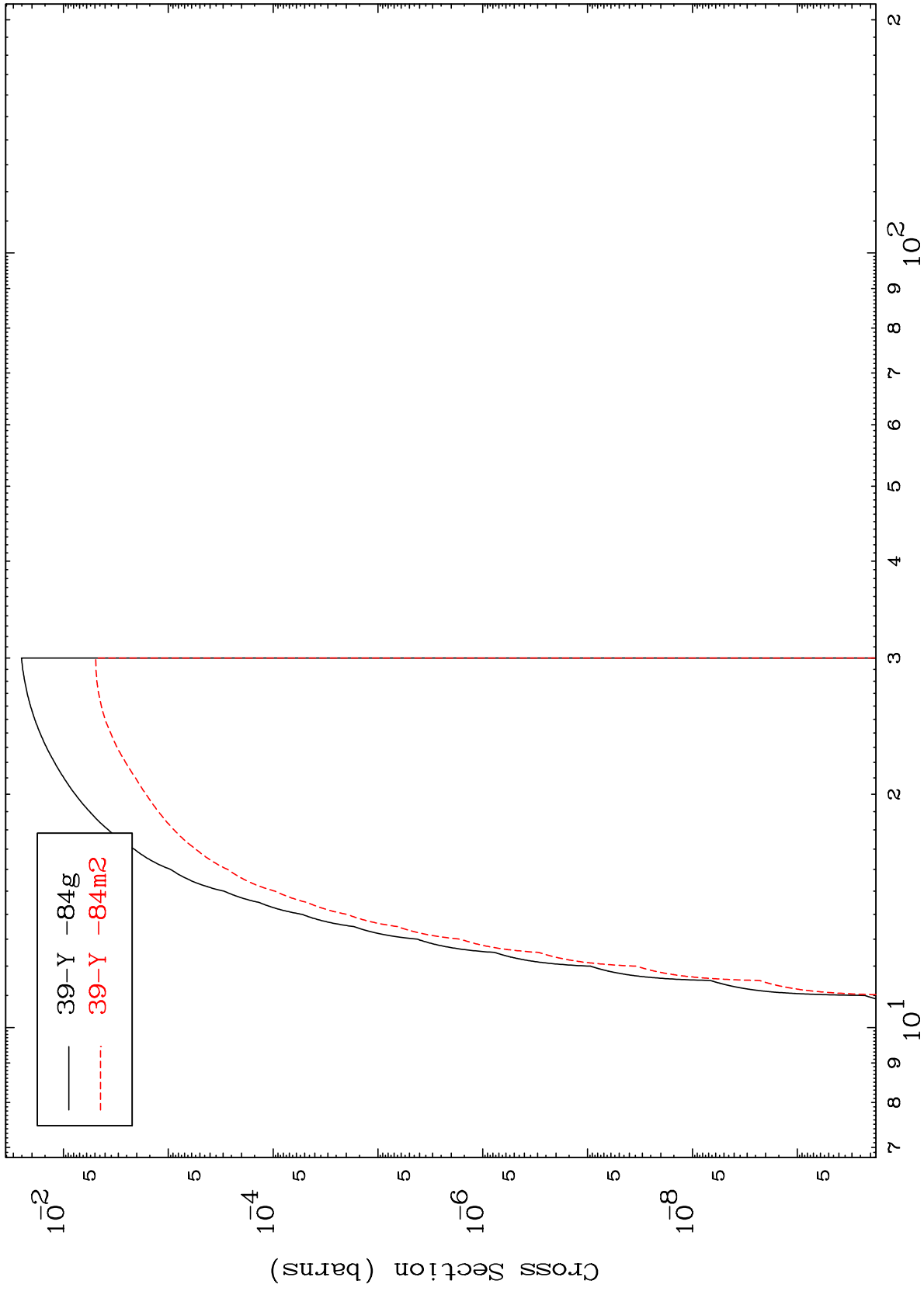
41-Nb-86

MAT 4105

(n,p) d

41-Nb-86

Radionuclide Production Cross Section



27

Incident Energy (MeV)

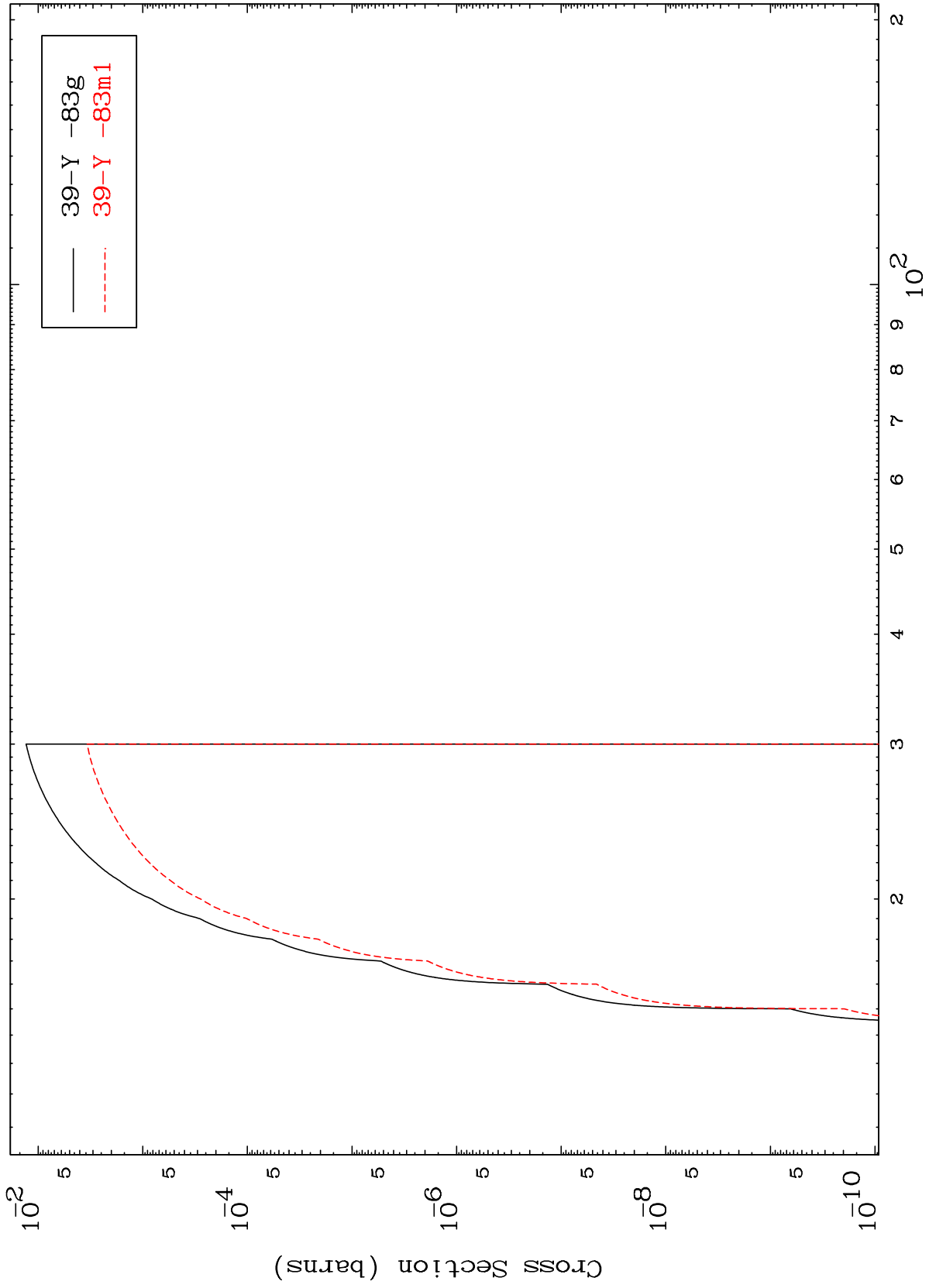
41-Nb-86

MAT 4105

(n,p) t

41-Nb-86

Radionuclide Production Cross Section



28

Incident Energy (MeV)

41-Nb-86