

Program EVALPLOT
(Version 2018-1)

by

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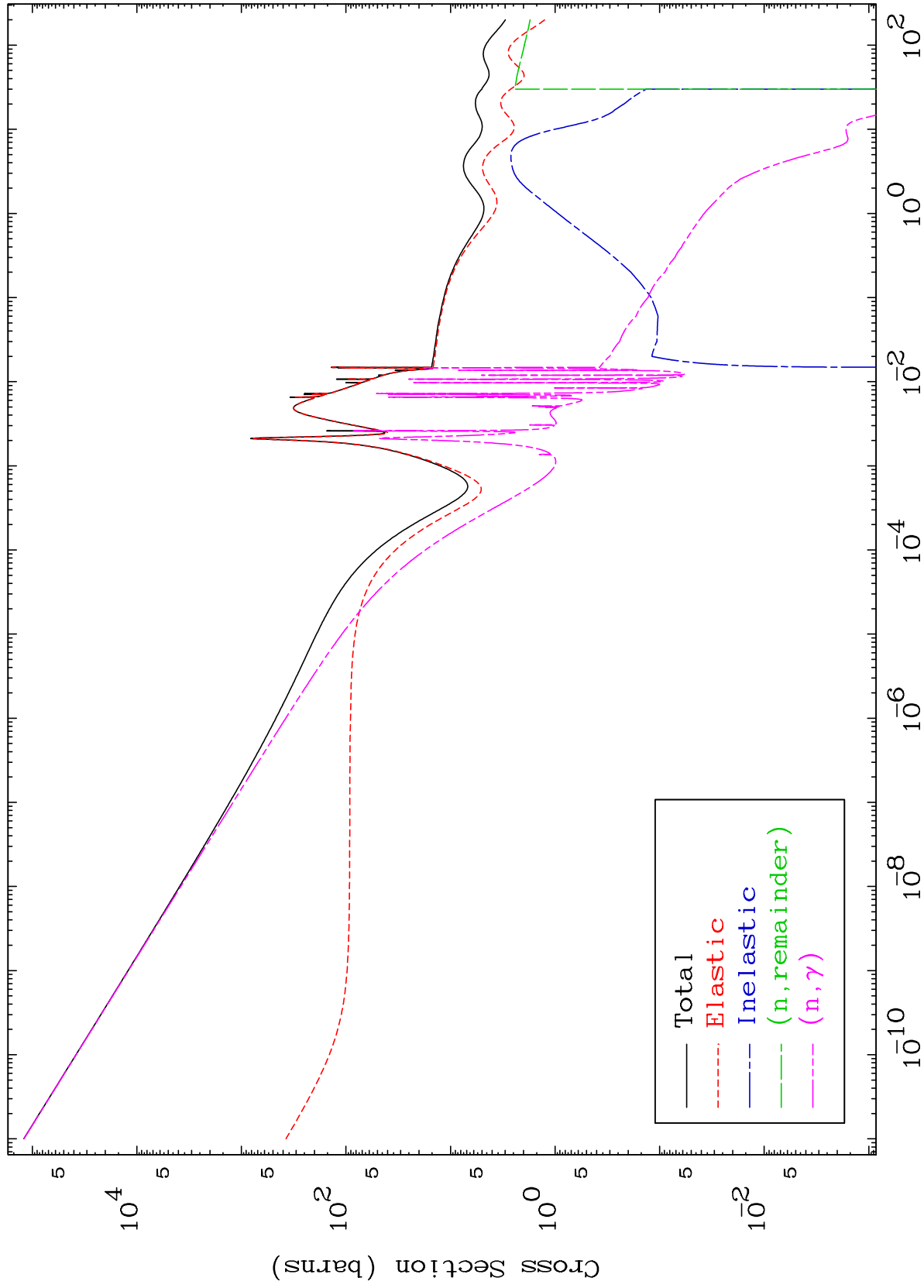
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8135

Major
293 Kelvin Cross Sections

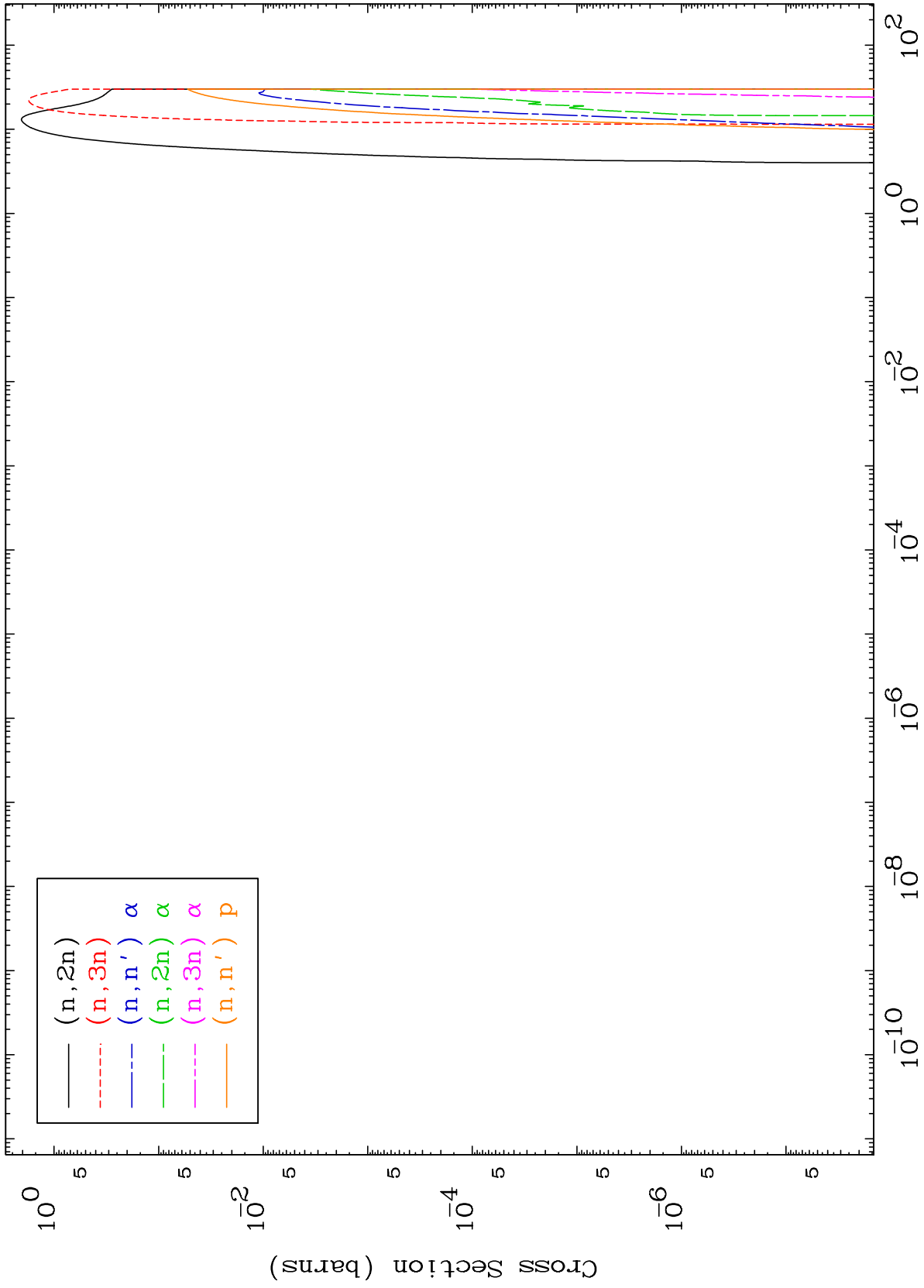
81-T1-206



MAT 8135

Neutron Production
293 Kelvin Cross Sections

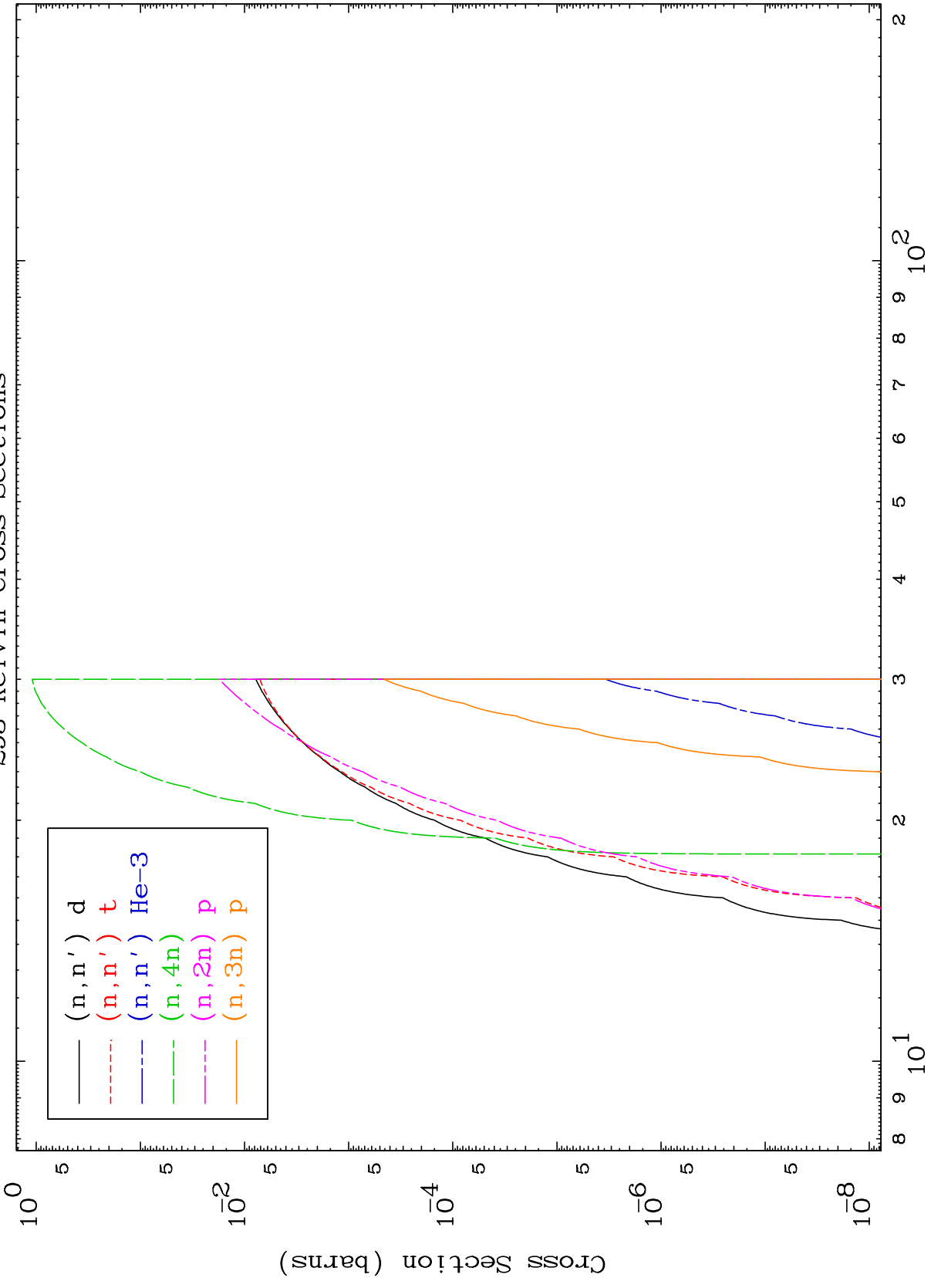
81-T1-206



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Incident Energy (MeV)

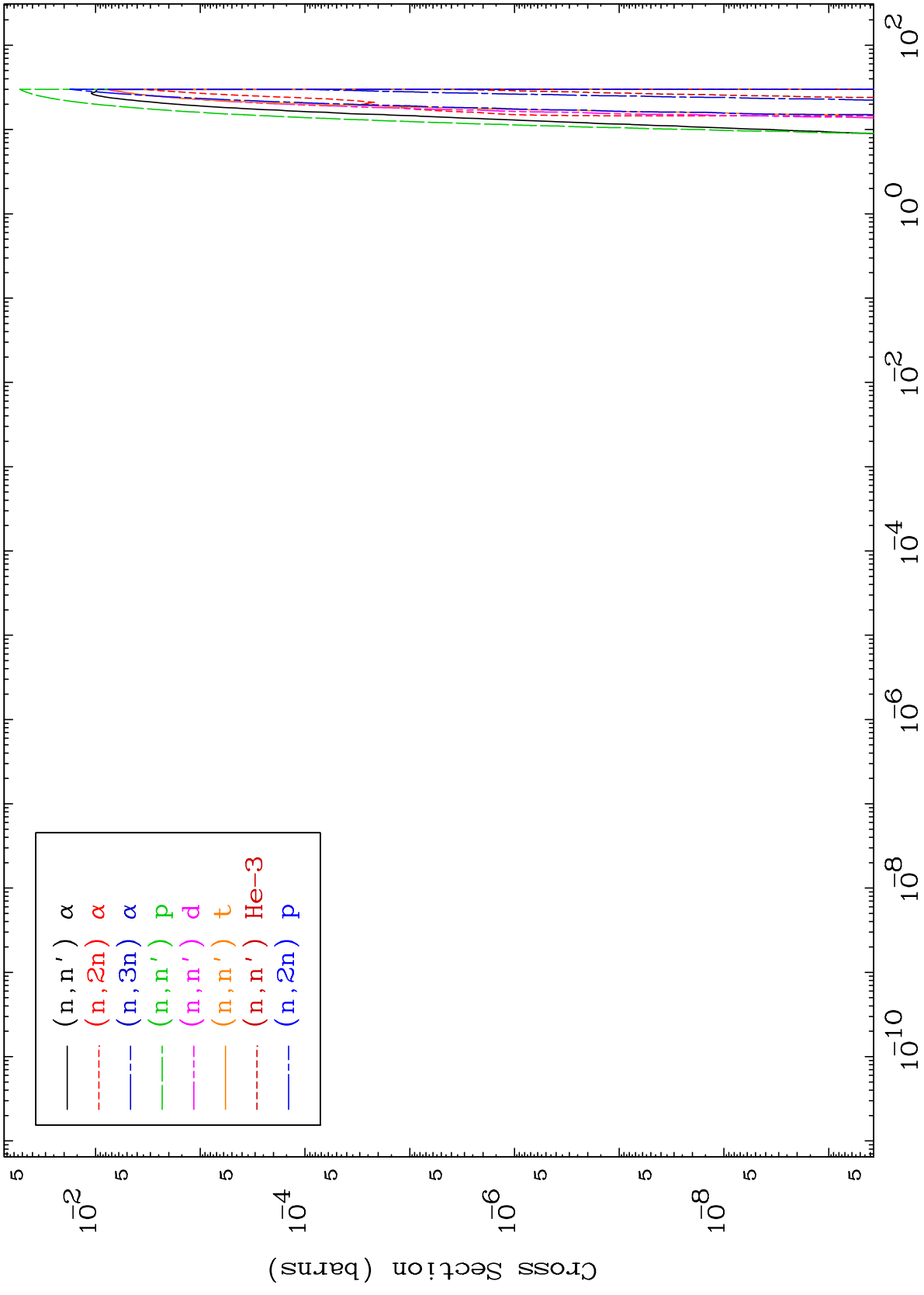
81-T1-206



MAT 8135

293 Kelvin Cross Sections

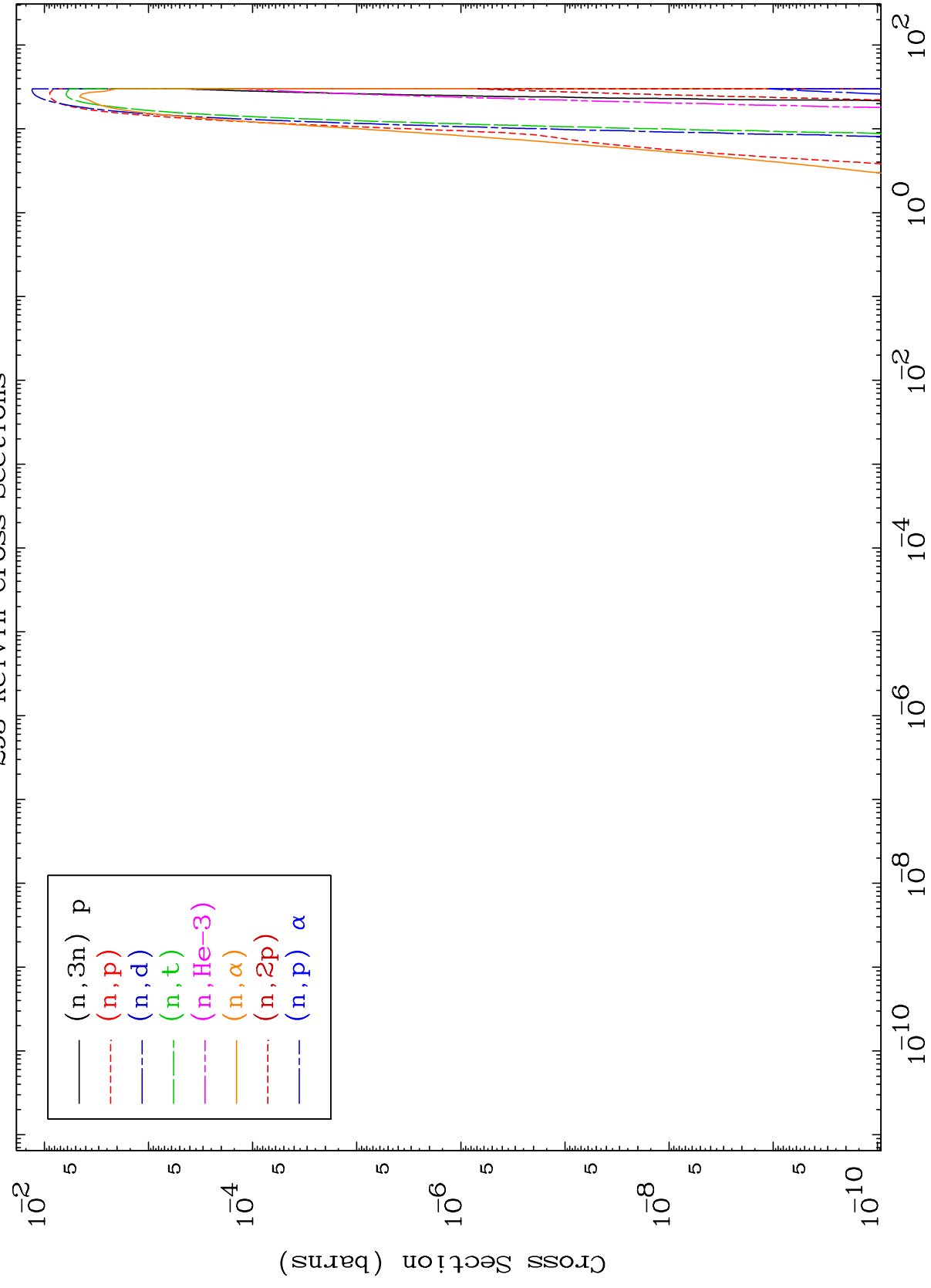
81-Tl-206



MAT 8135

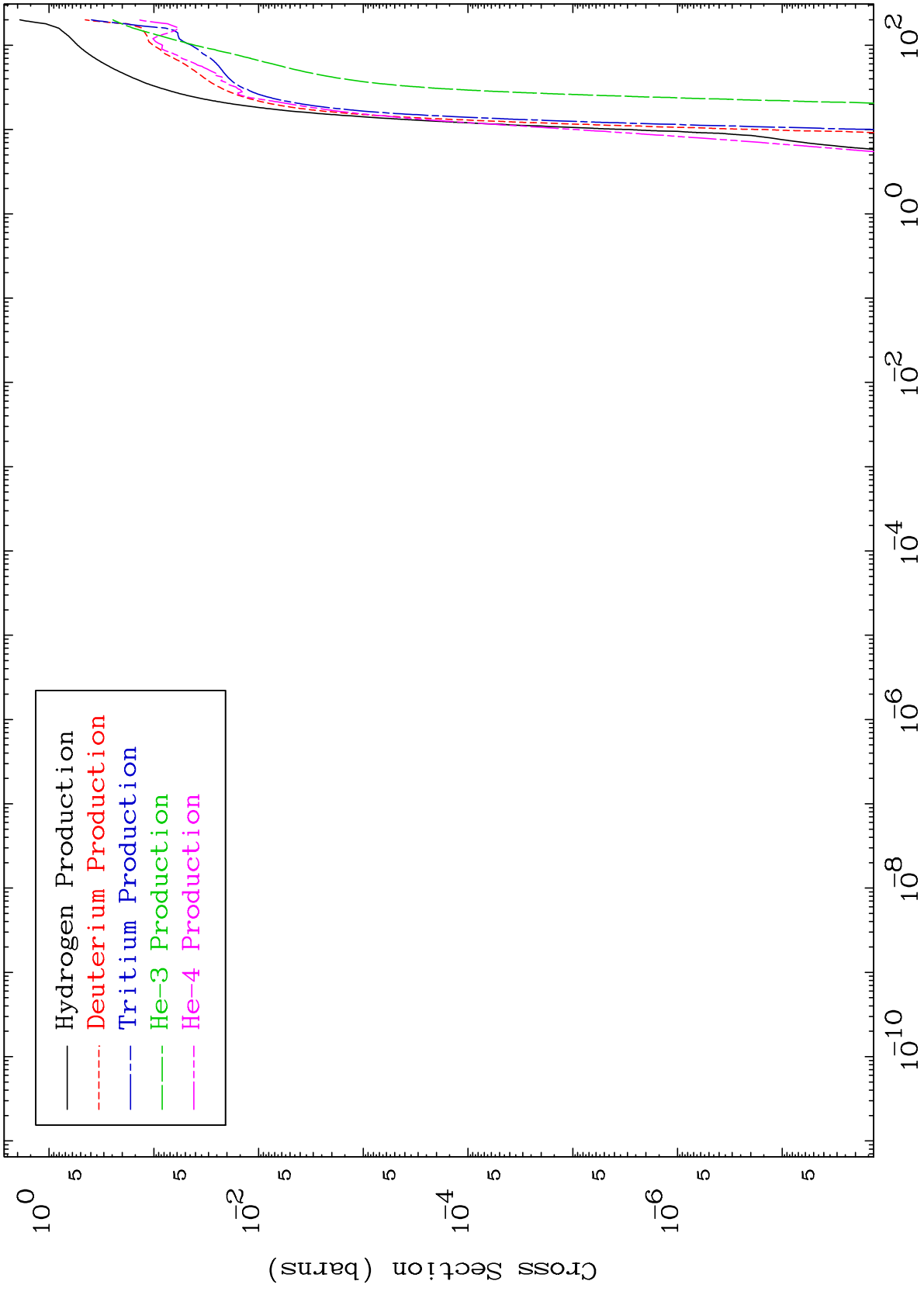
293 Kelvin Cross Sections

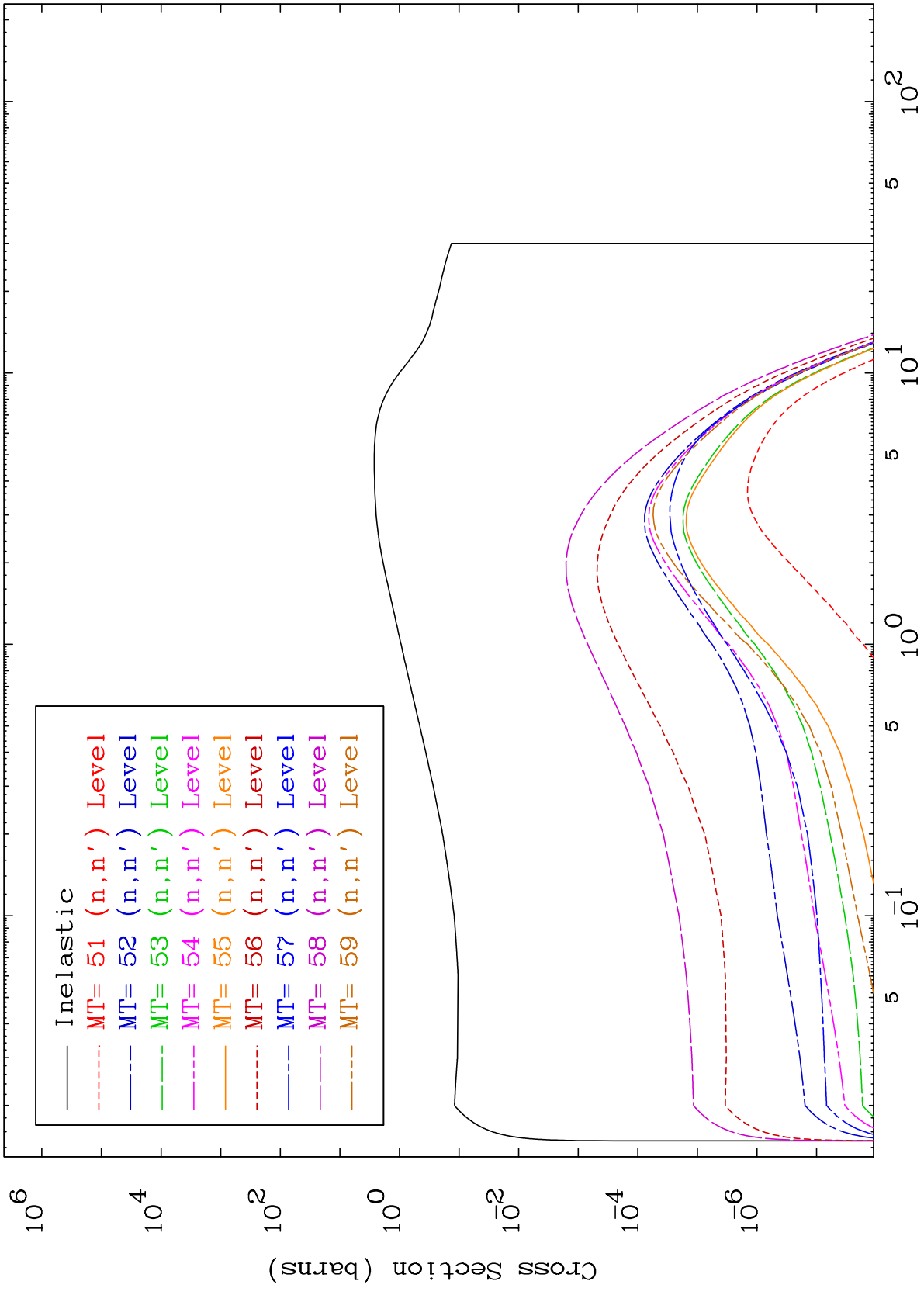
81-Tl-206

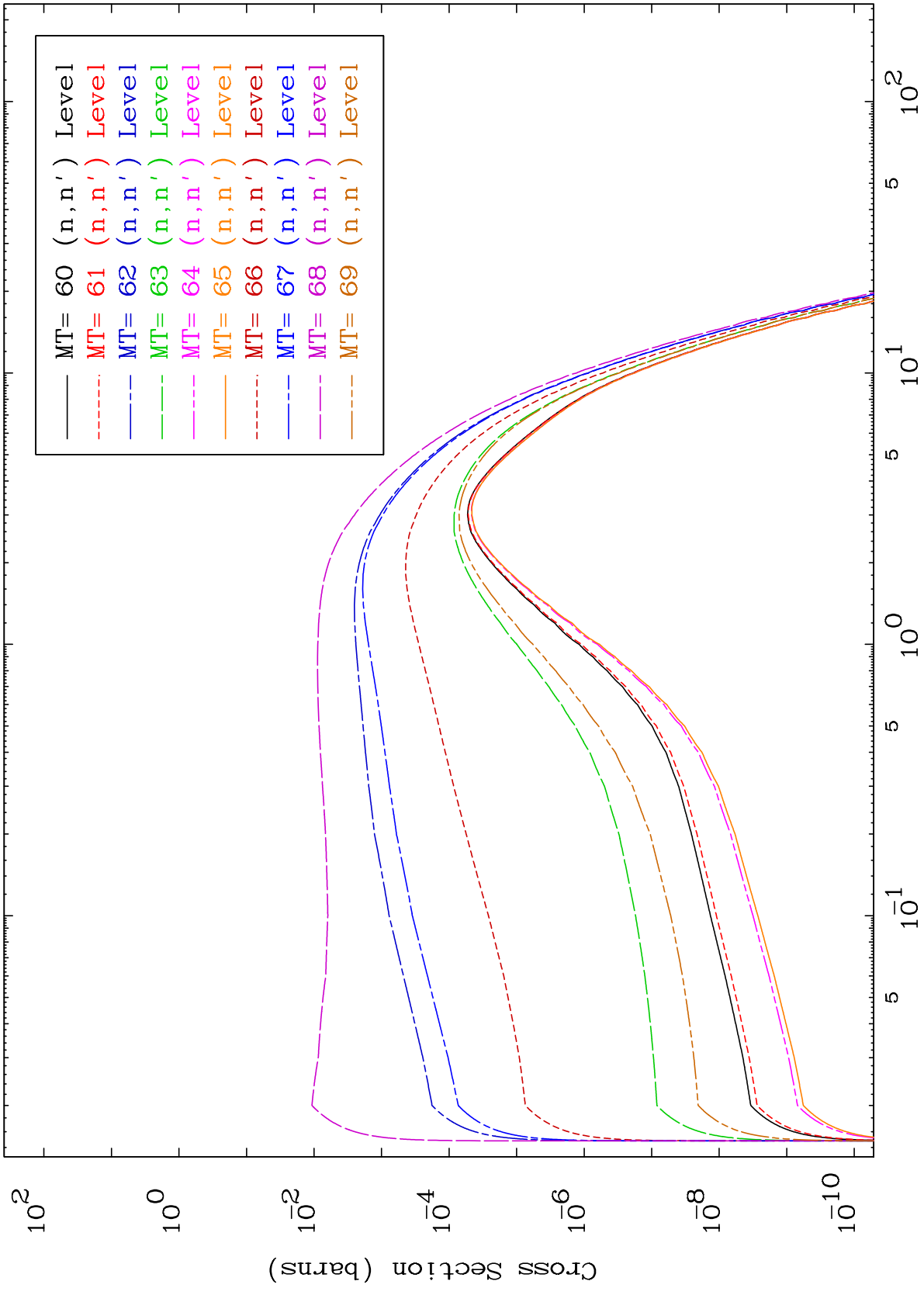


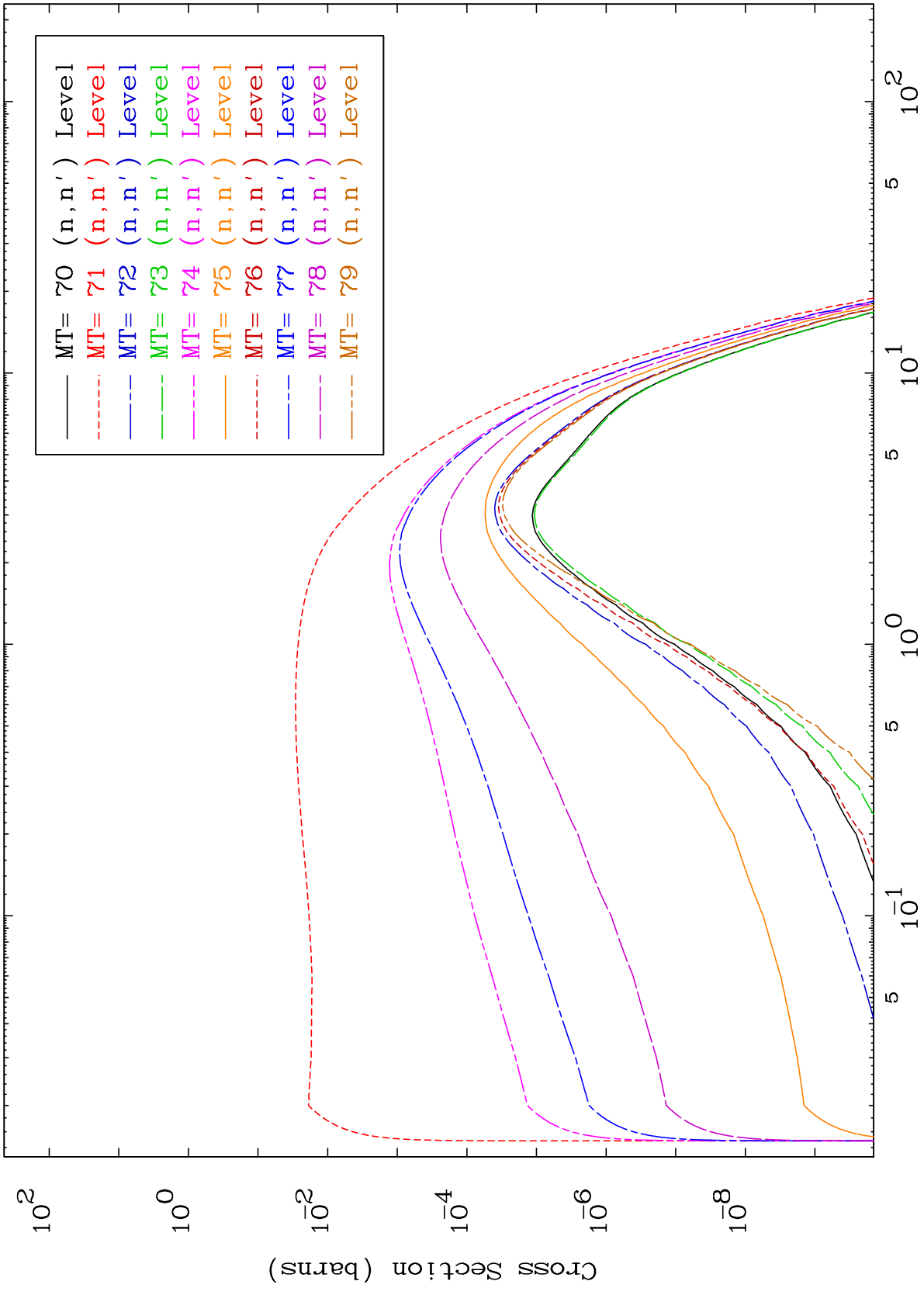
5

81-Tl-206





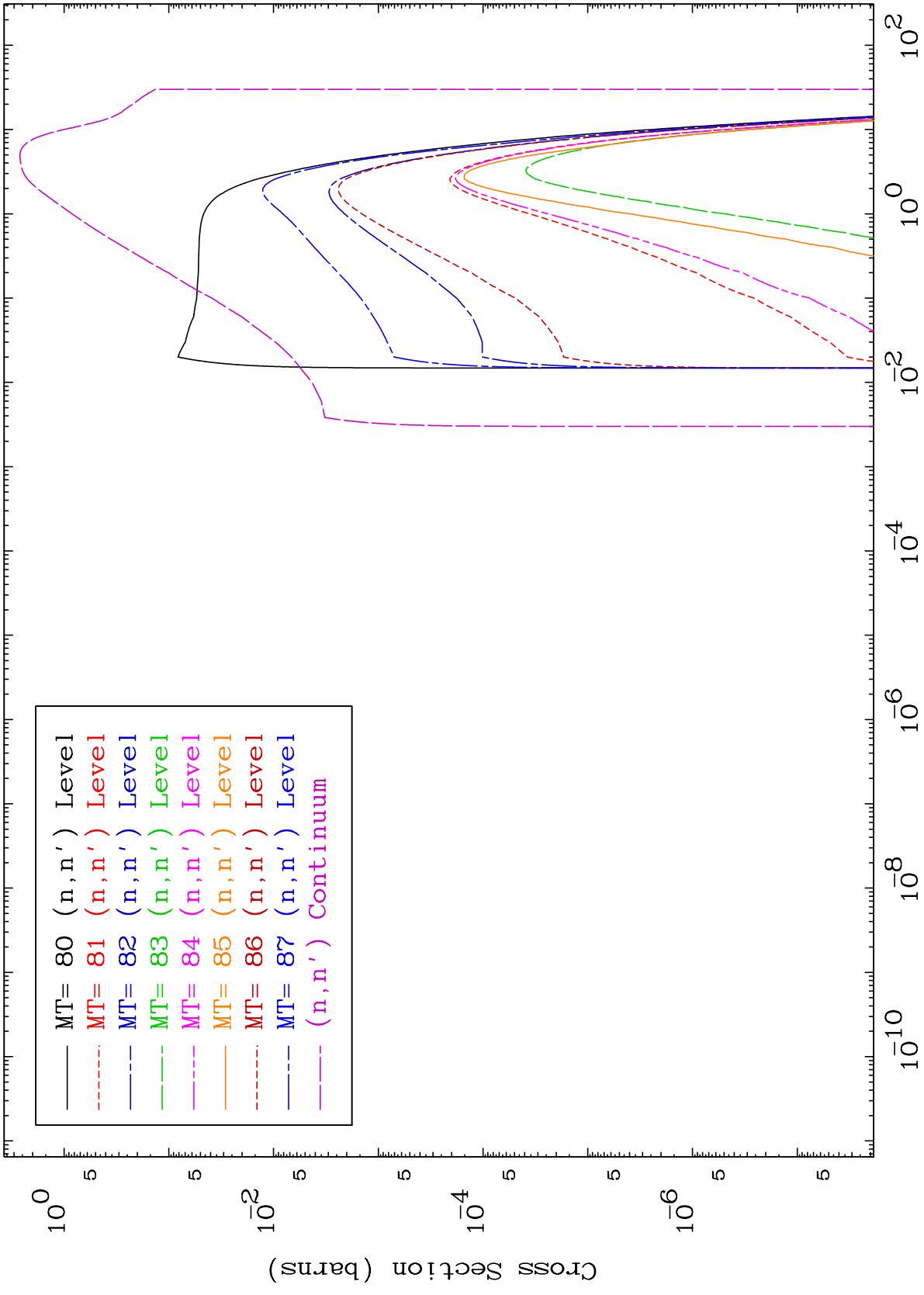




MAT 8135

293 Kelvin Cross Sections

81-T1-206



—	MT= 80	(n, n')	Level
- - -	MT= 81	(n, n')	Level
- . -	MT= 82	(n, n')	Level
- - -	MT= 83	(n, n')	Level
- - -	MT= 84	(n, n')	Level
—	MT= 85	(n, n')	Level
- - -	MT= 86	(n, n')	Level
- . -	MT= 87	(n, n')	Level
- - -	(n, n')	Continuum	

10

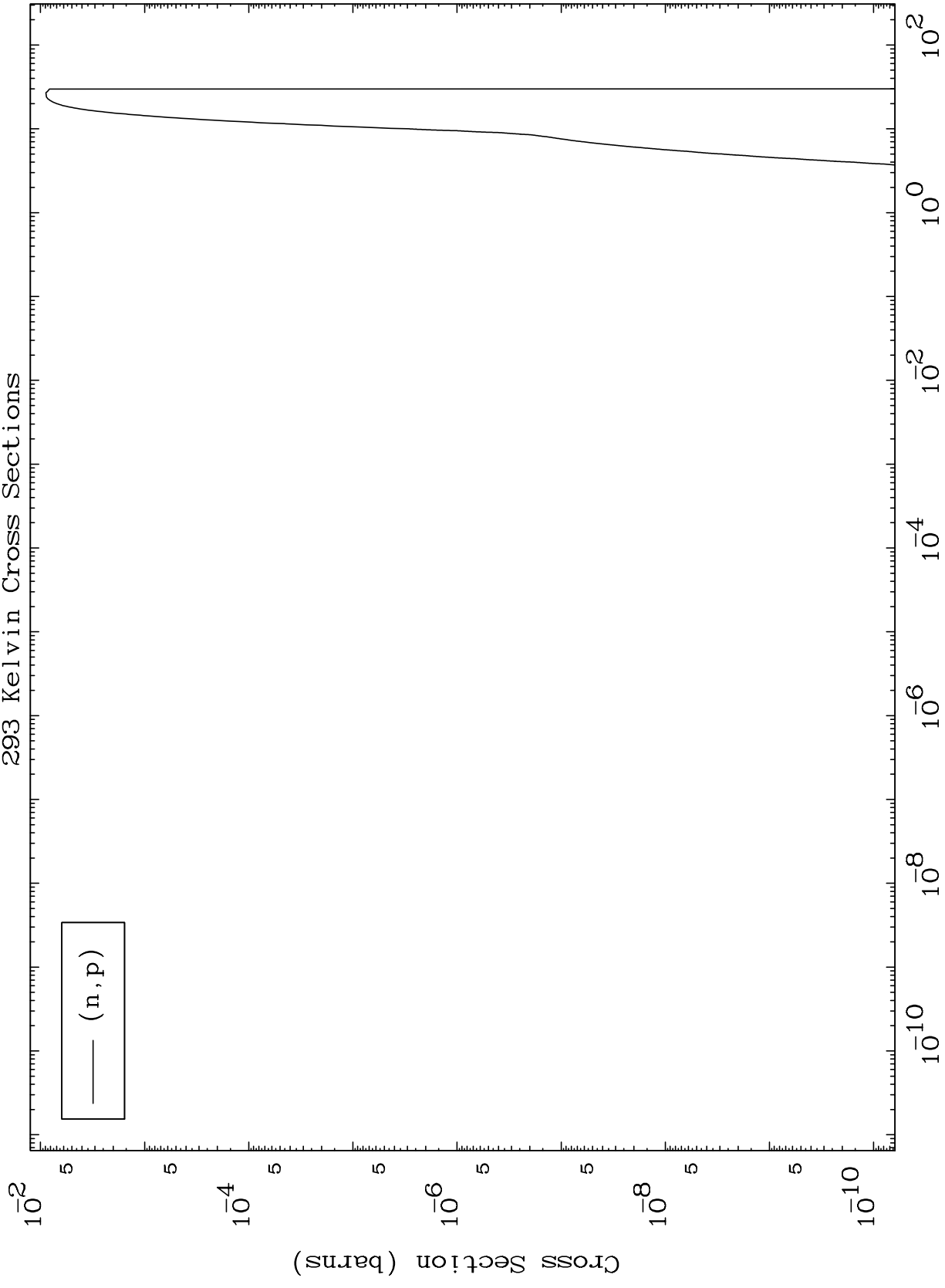
Incident Energy (MeV)

81-T1-206

MAT 8135

(n,p) Levels
293 Kelvin Cross Sections

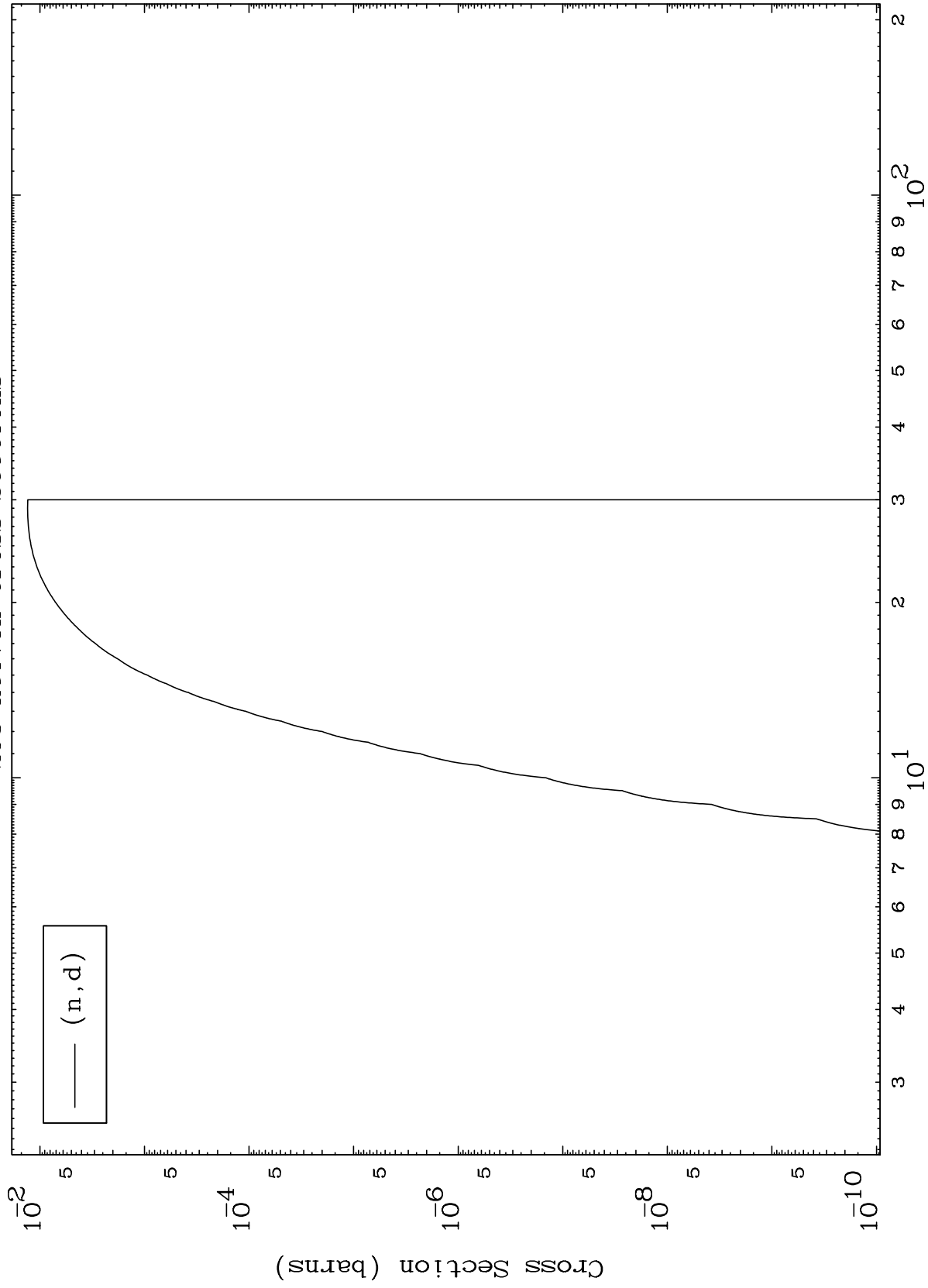
81-T1-206



MAT 8135

(n,d) Levels
293 Kelvin Cross Sections

81-T1-206



12

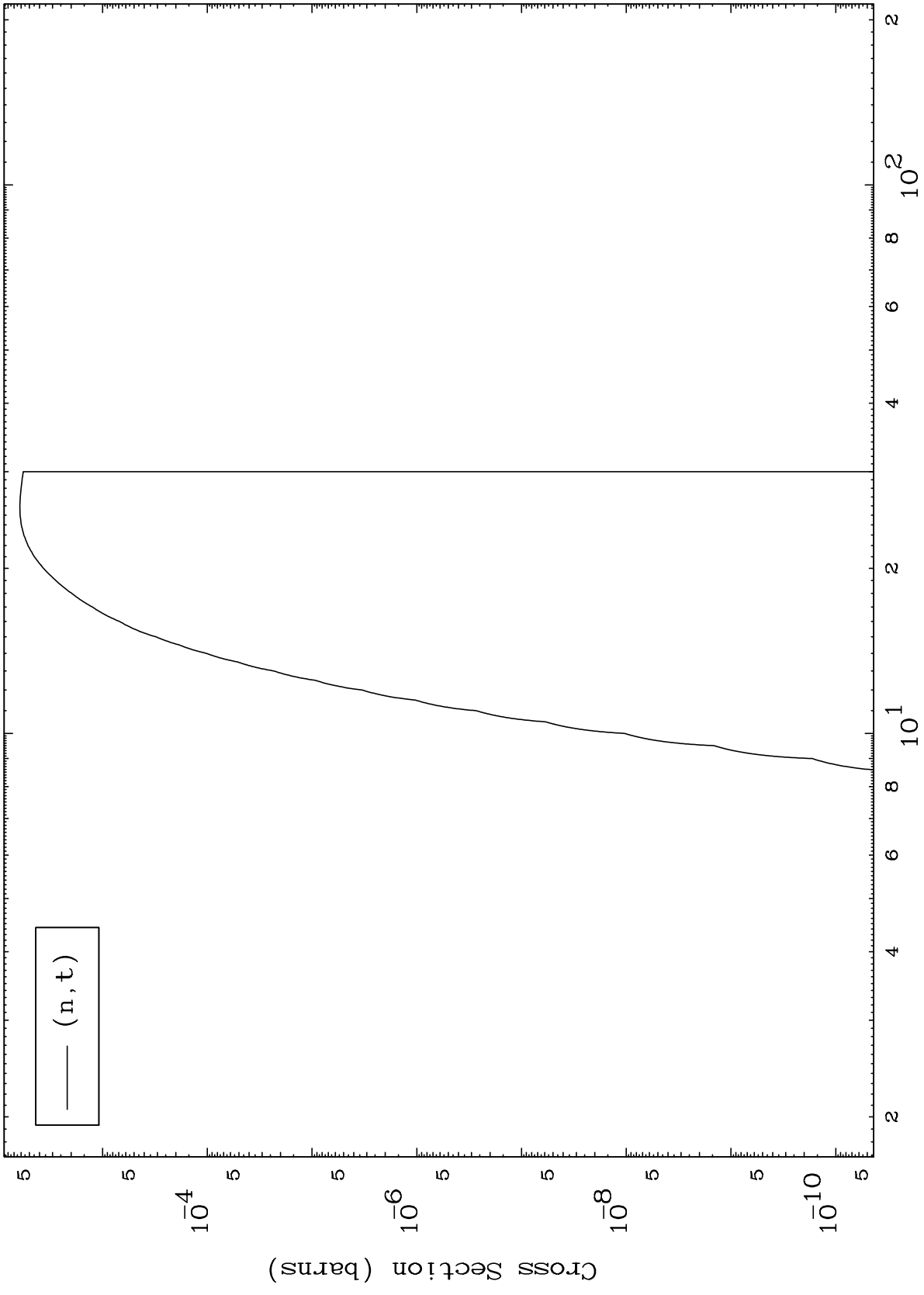
Incident Energy (MeV)

81-T1-206

MAT 8135

(n,t) Levels
293 Kelvin Cross Sections

81-T1-206



13

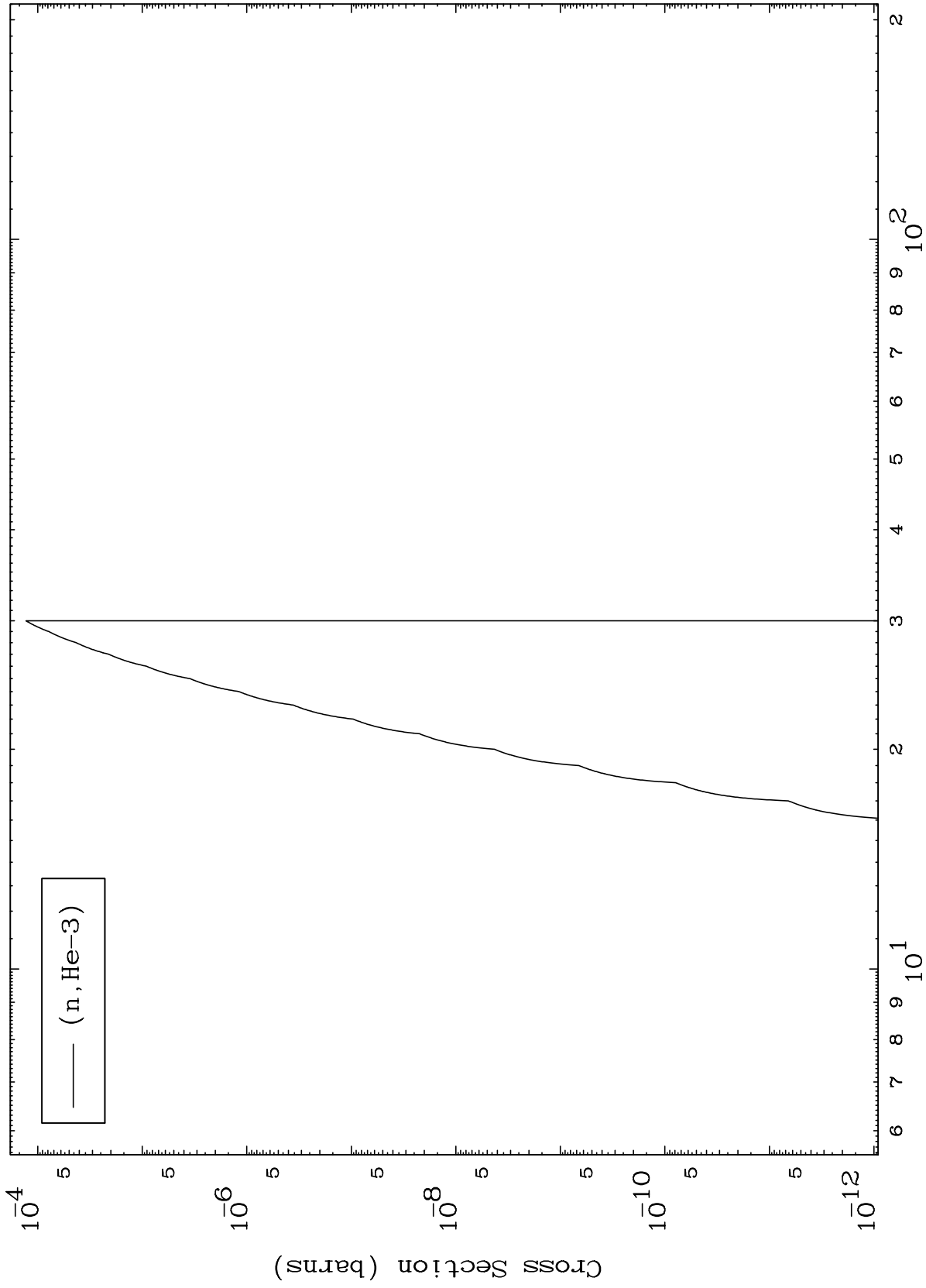
Incident Energy (MeV)

81-T1-206

MAT 8135

81-T1-206

(n,He3) Levels
293 Kelvin Cross Sections



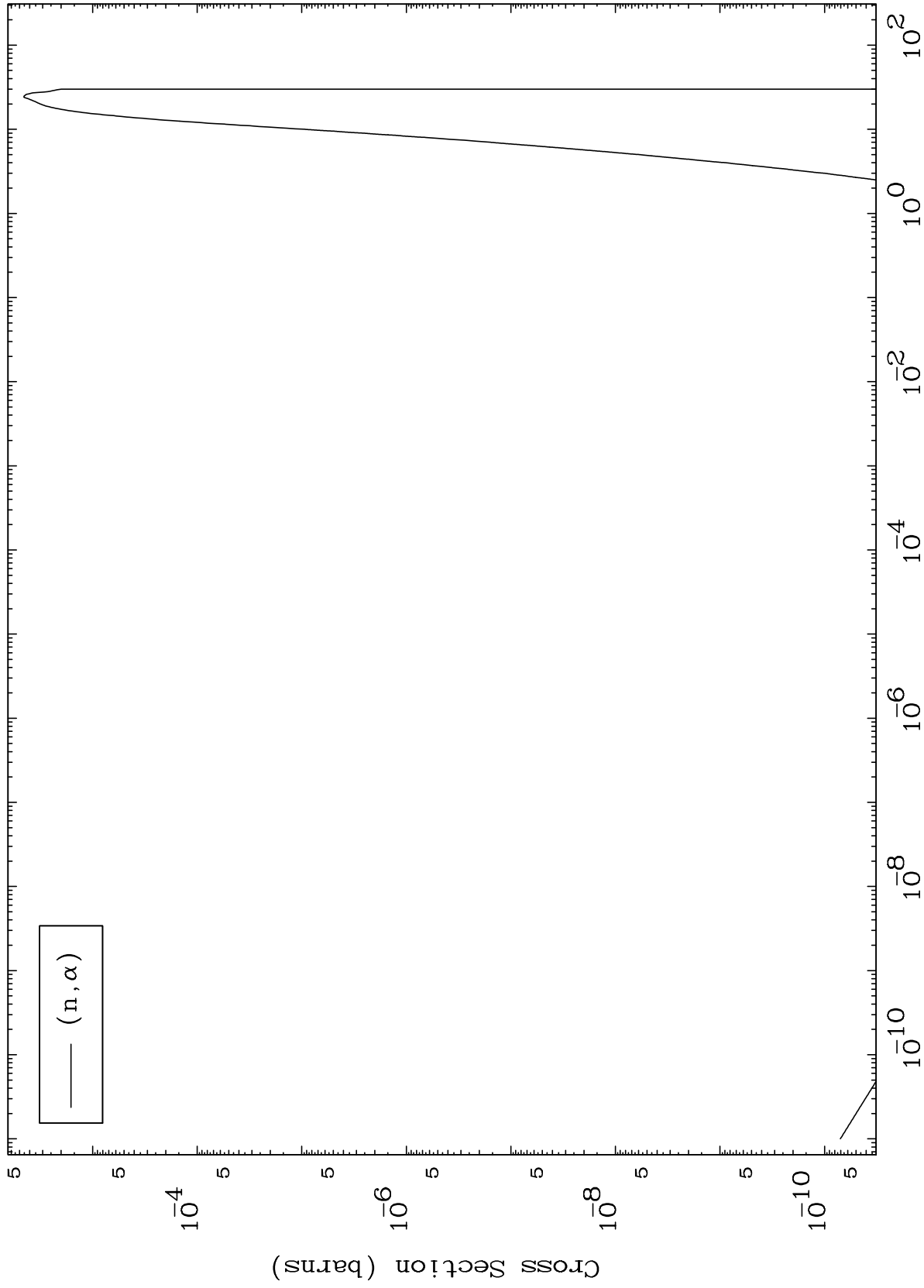
14

81-T1-206

MAT 8135

(n, α) Levels
293 Kelvin Cross Sections

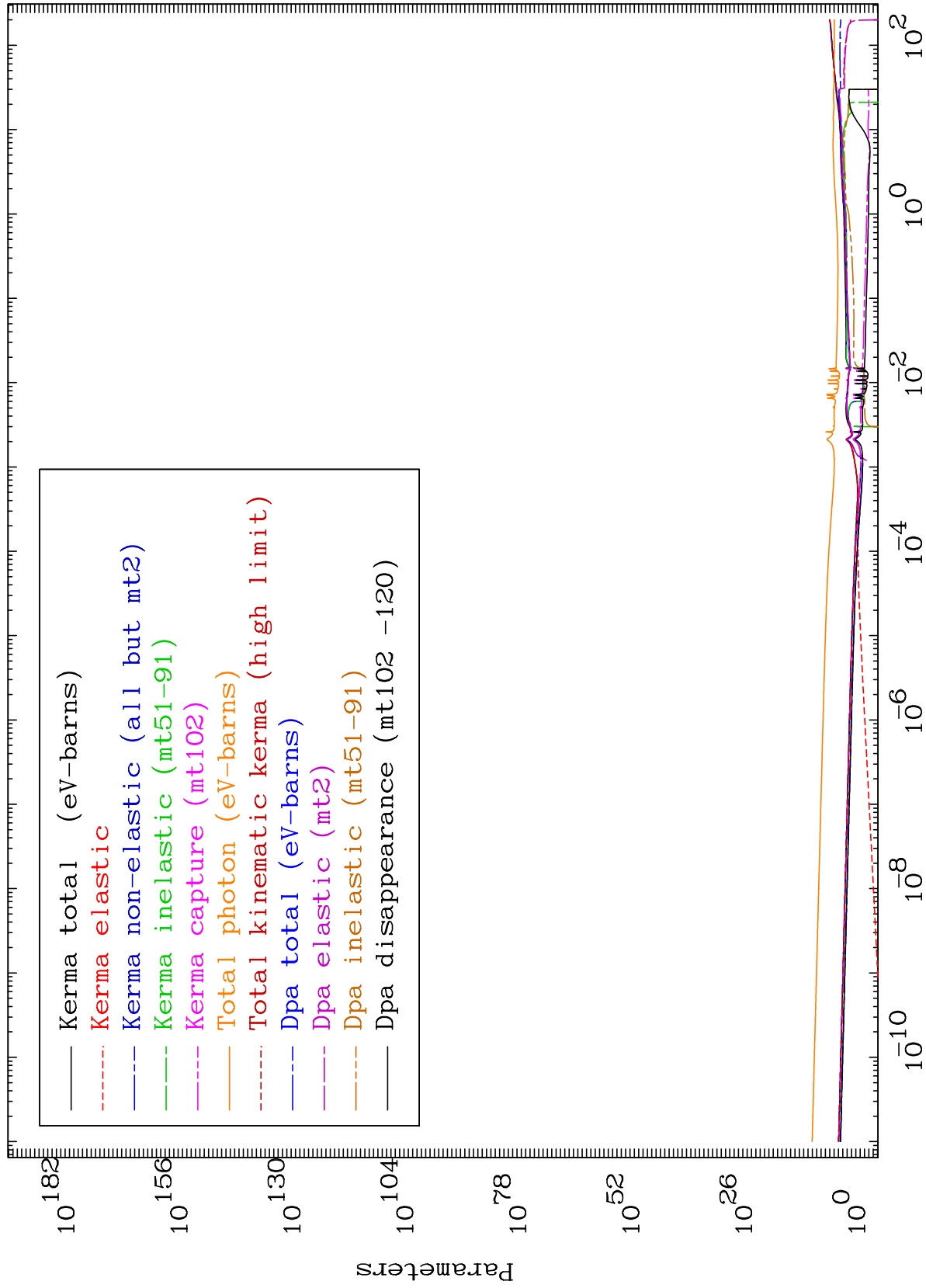
81-Tl-206



15

Incident Energy (MeV)

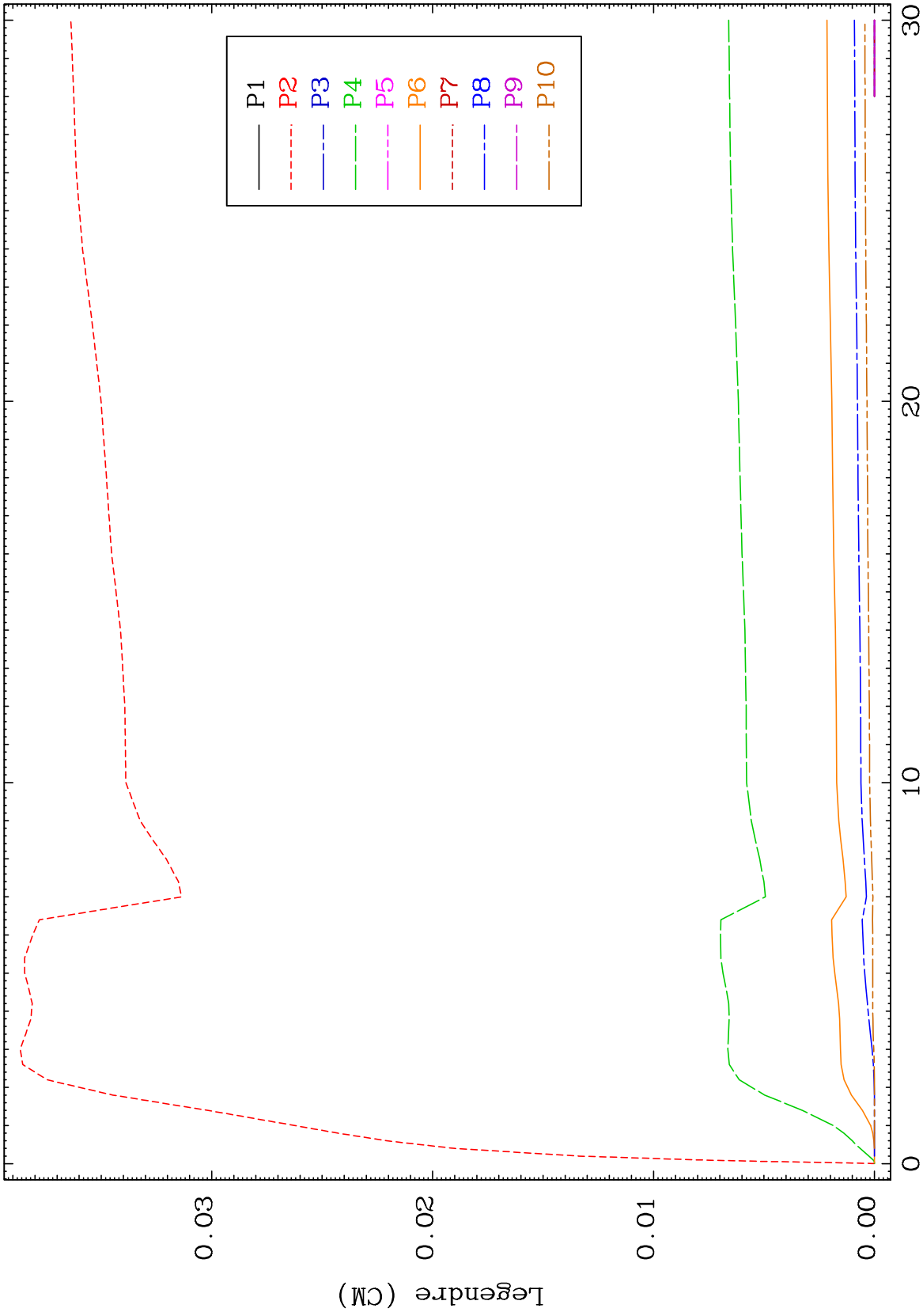
81-Tl-206



MAT 8135

Elastic Legendre Coefficients

81-T1-206



17

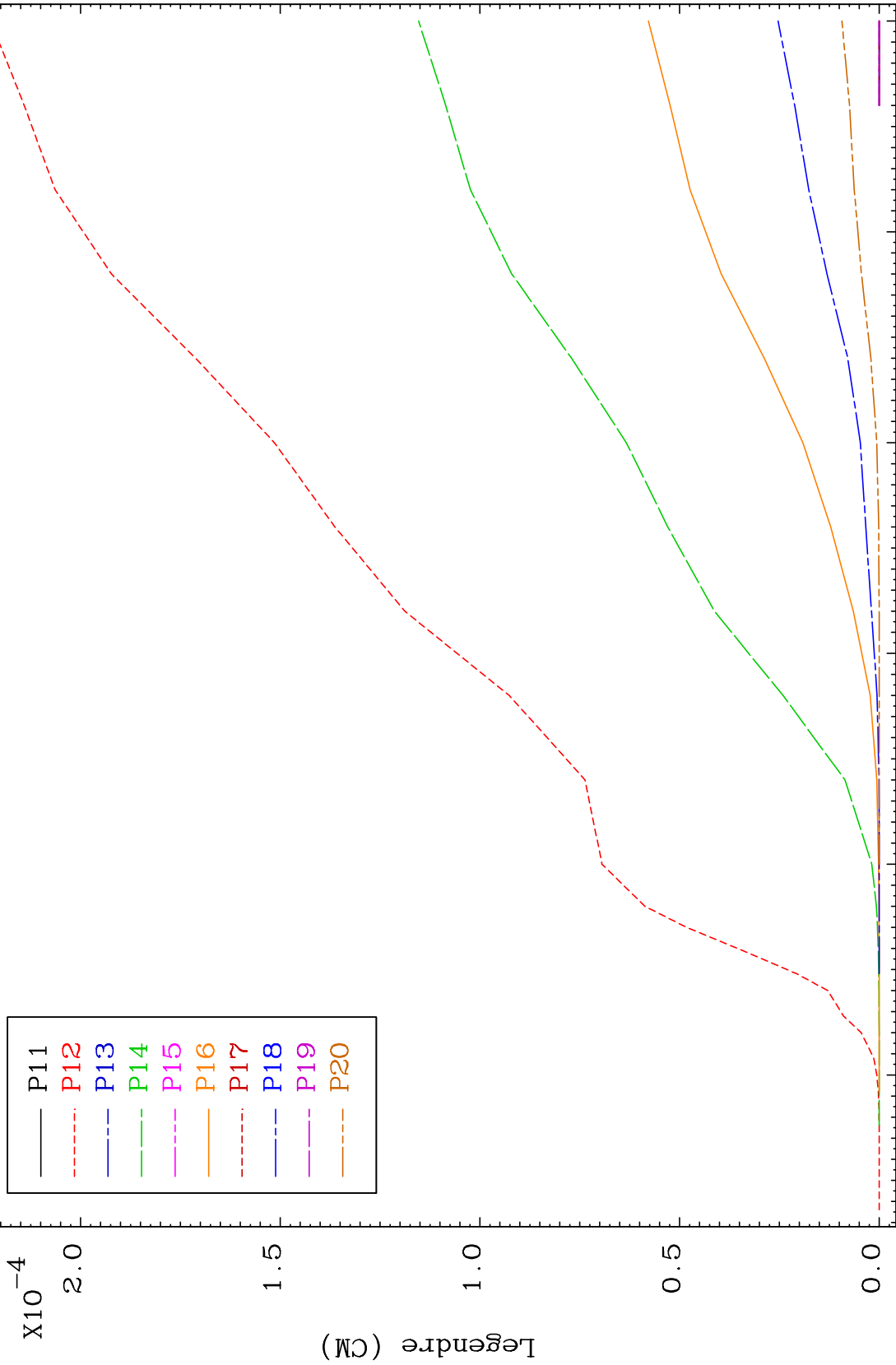
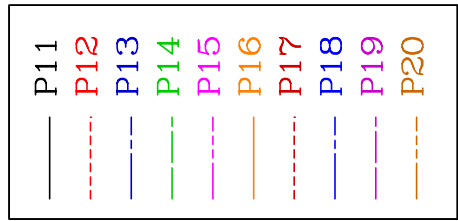
Incident Energy (MeV)

81-T1-206

MAT 8135

Elastic Legendre Coefficients

81-T1-206



18

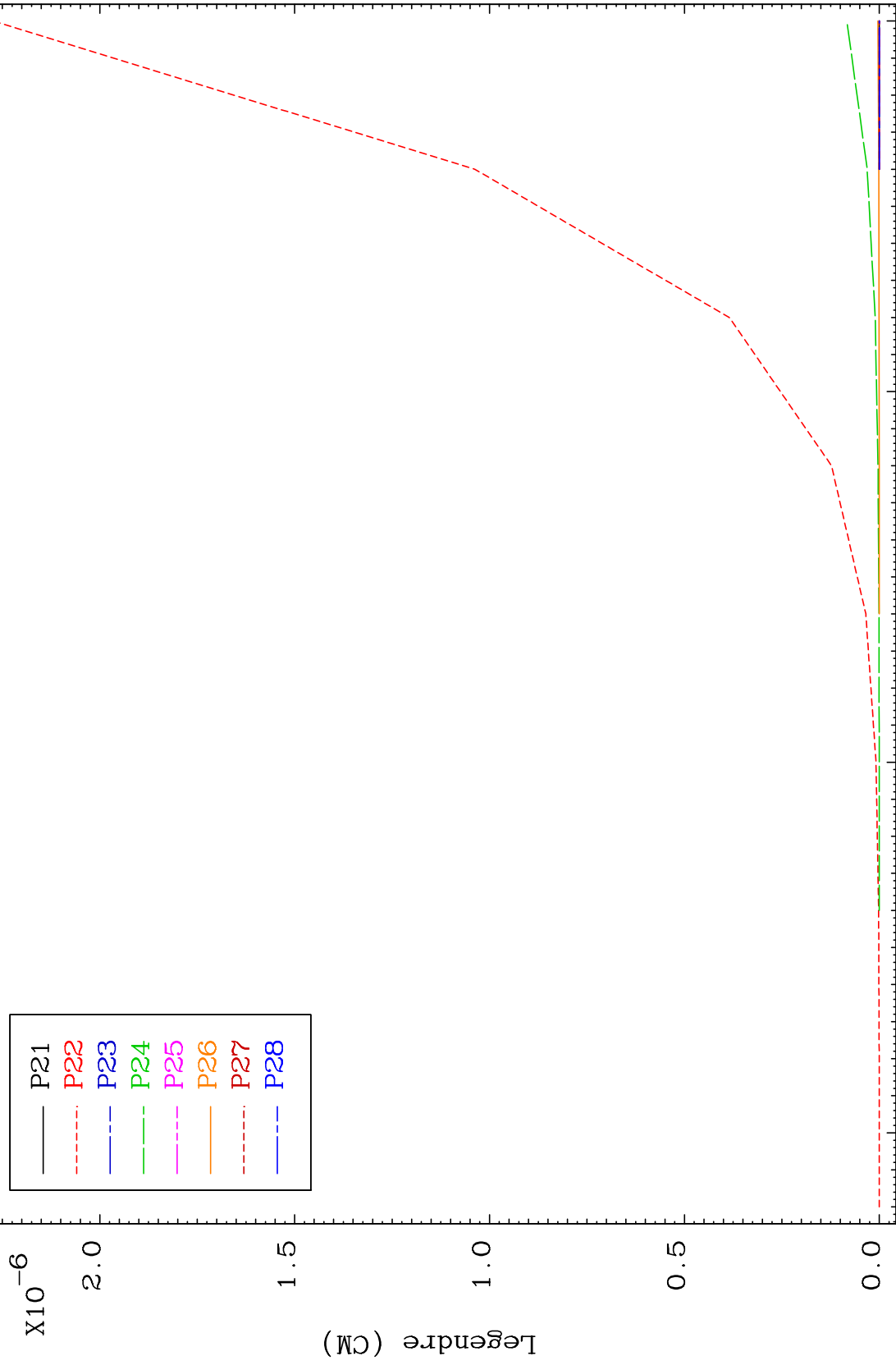
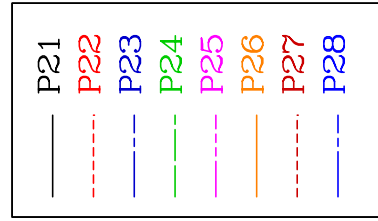
Incident Energy (MeV)

81-T1-206

MAT 8135

Elastic
Legendre Coefficients

81-T1-206



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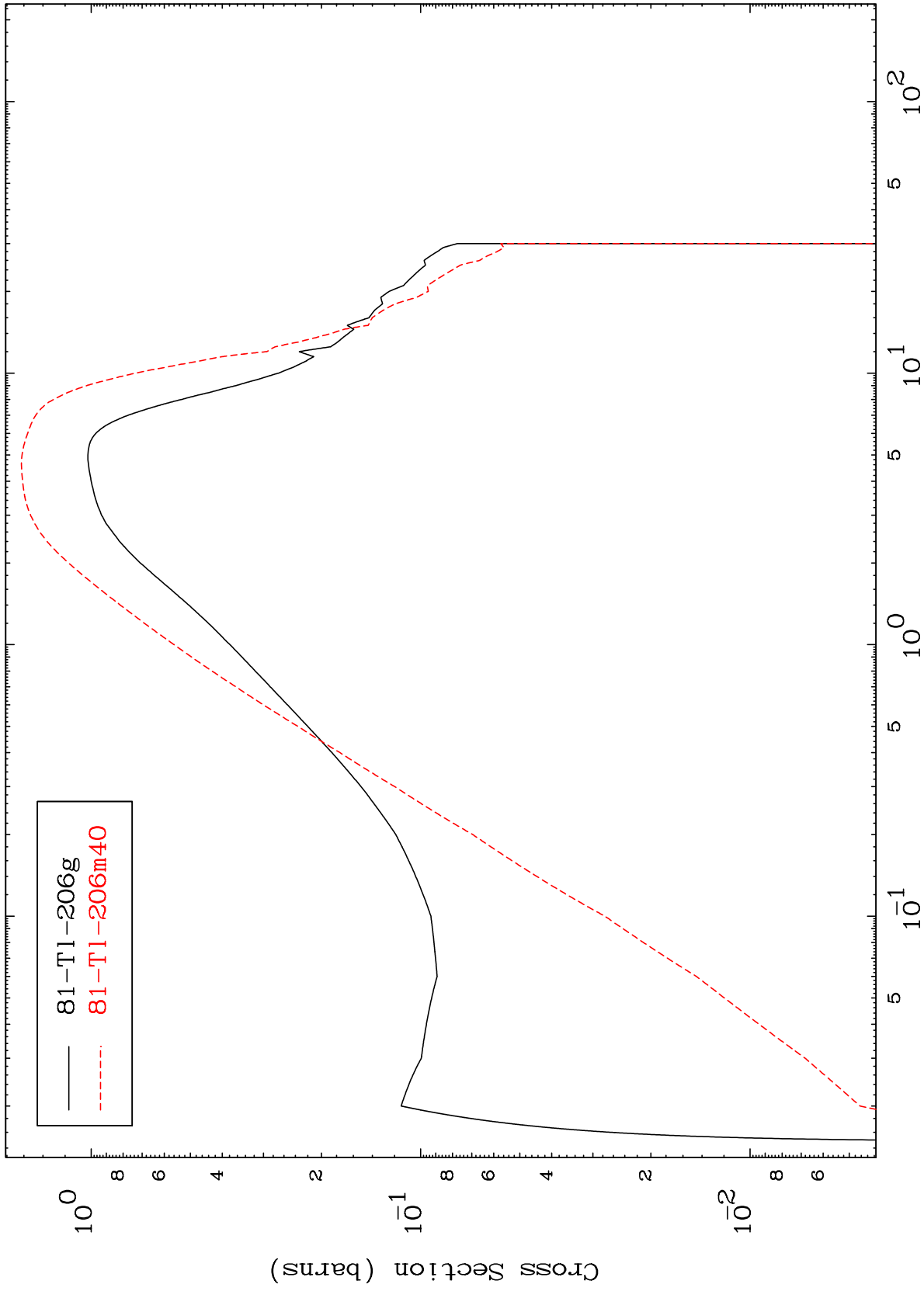
Incident Energy (MeV)

81-T1-206

MAT 8135

81-Tl-206

Inelastic
Radionuclide Production Cross Section



81-Tl-206g
81-Tl-206m40

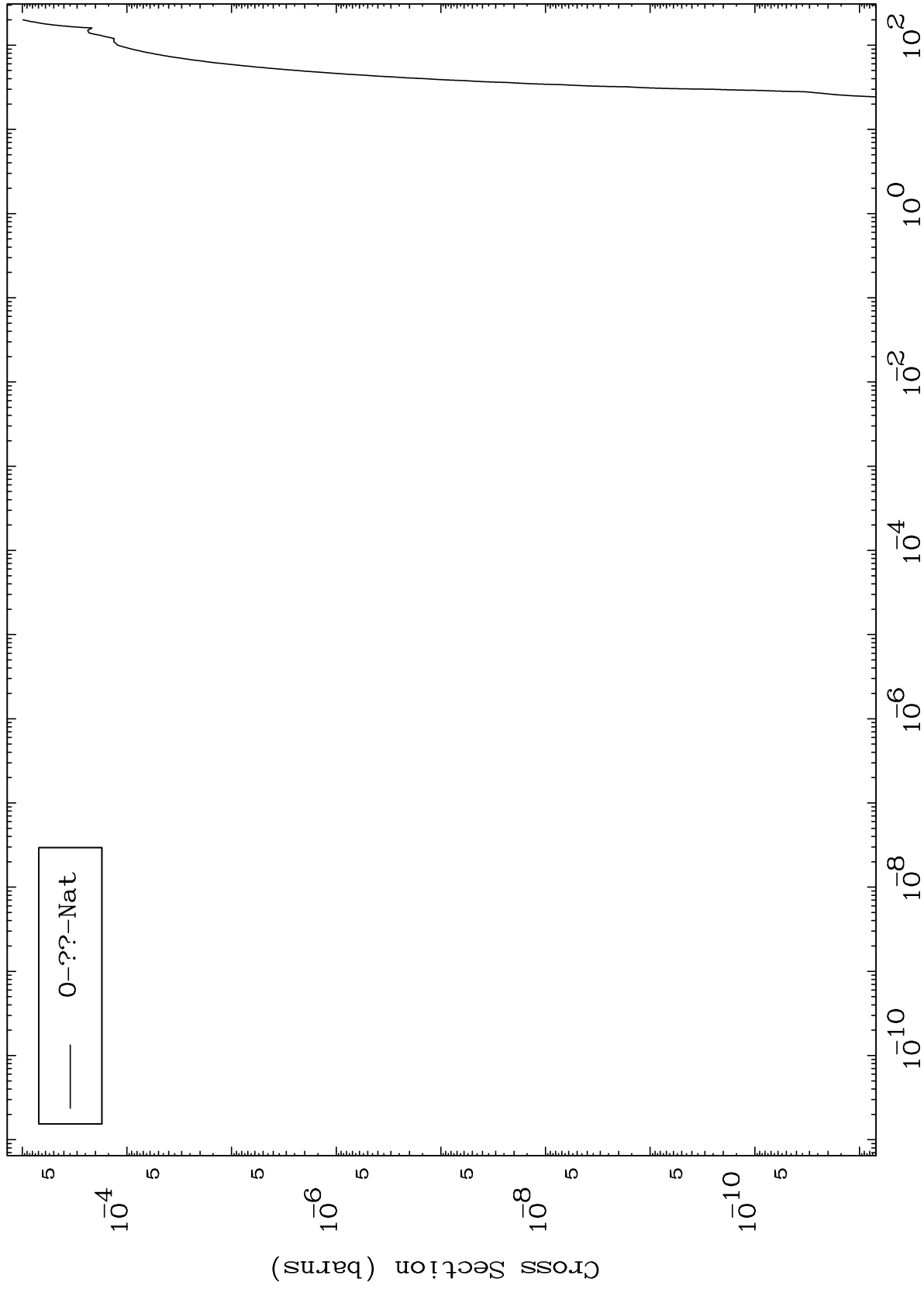
20

81-Tl-206

MAT 8135

Fission
Radionuclide Production Cross Section

81-Tl-206



21

Incident Energy (MeV)

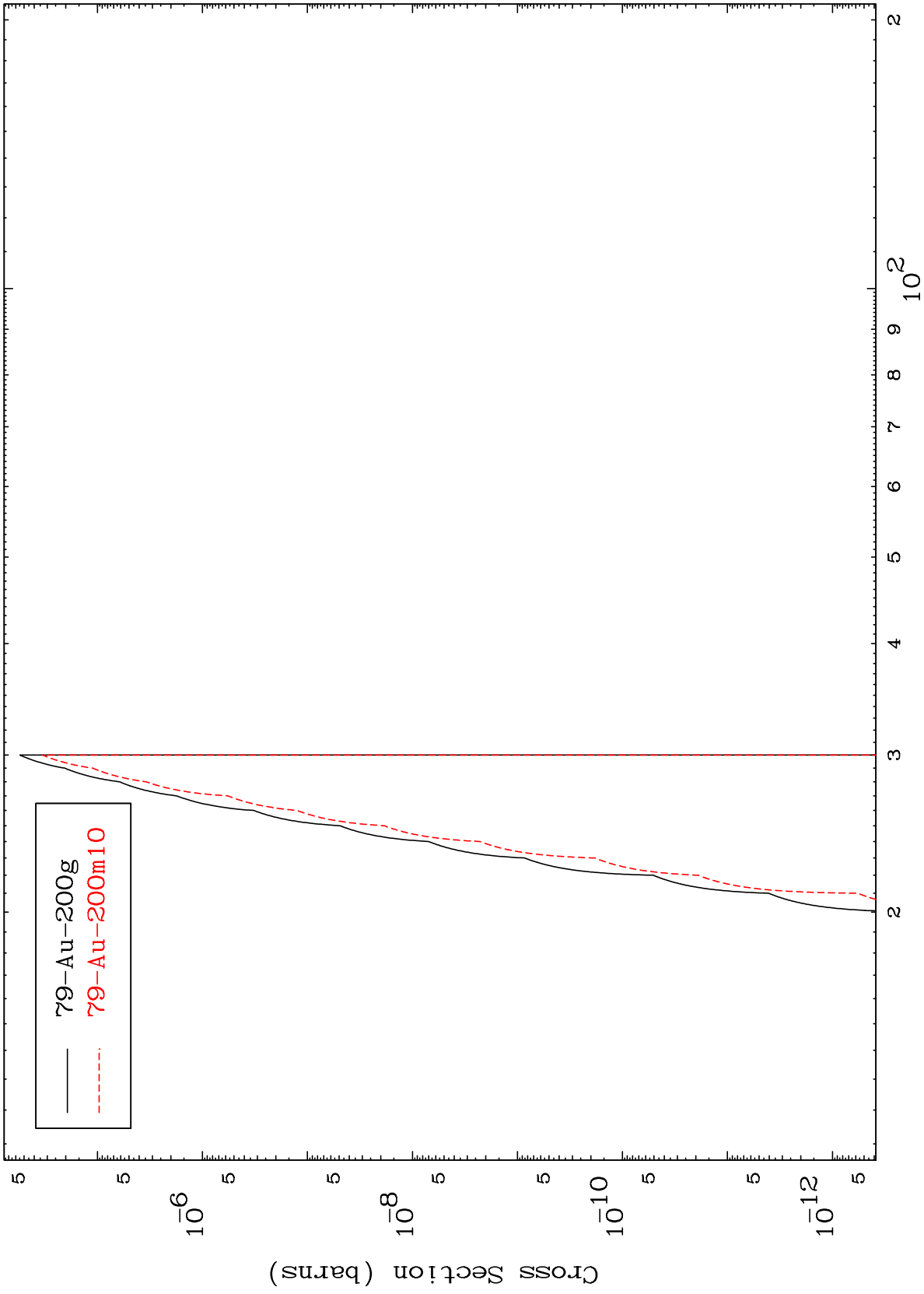
81-Tl-206

MAT 8135

(n,3n) α

81-Tl-206

Radionuclide Production Cross Section



22

Incident Energy (MeV)

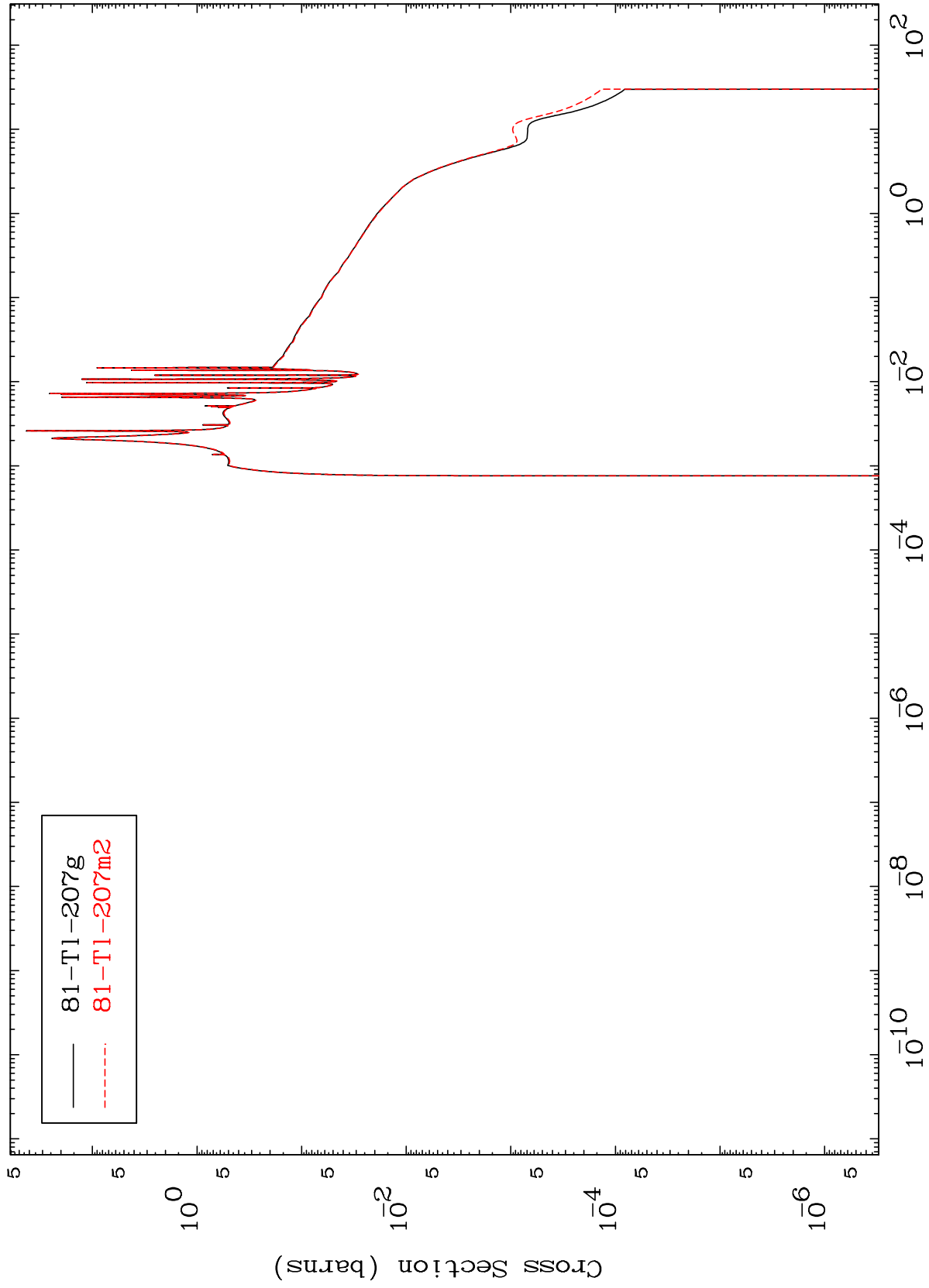
81-Tl-206

MAT 8135

(n,γ)

81-Tl-206

Radionuclide Production Cross Section



23

81-Tl-206