

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

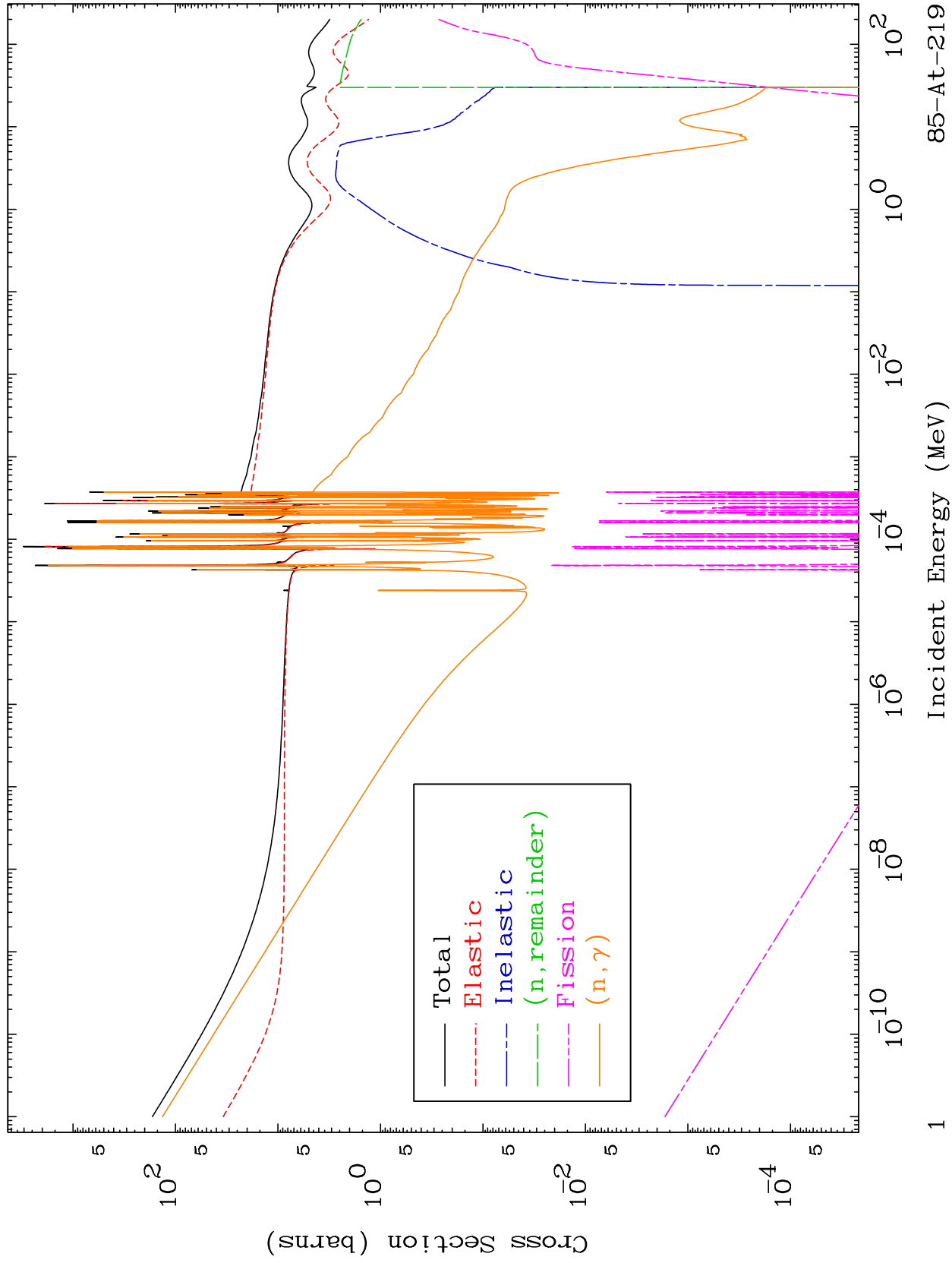
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8573

Major
293 Kelvin Cross Sections

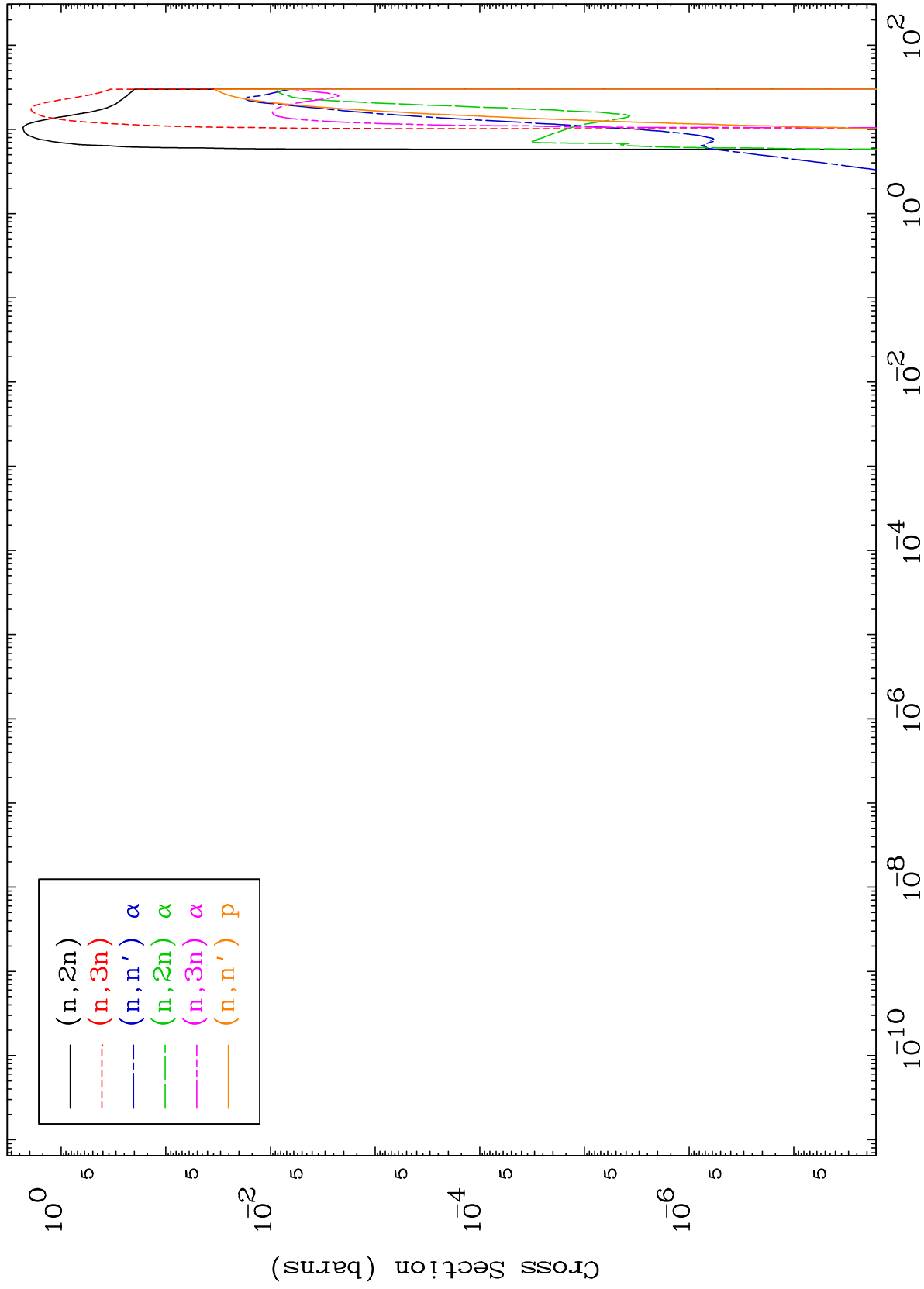
85-At-219



MAT 8573

Neutron Production
293 Kelvin Cross Sections

85-At-219



2

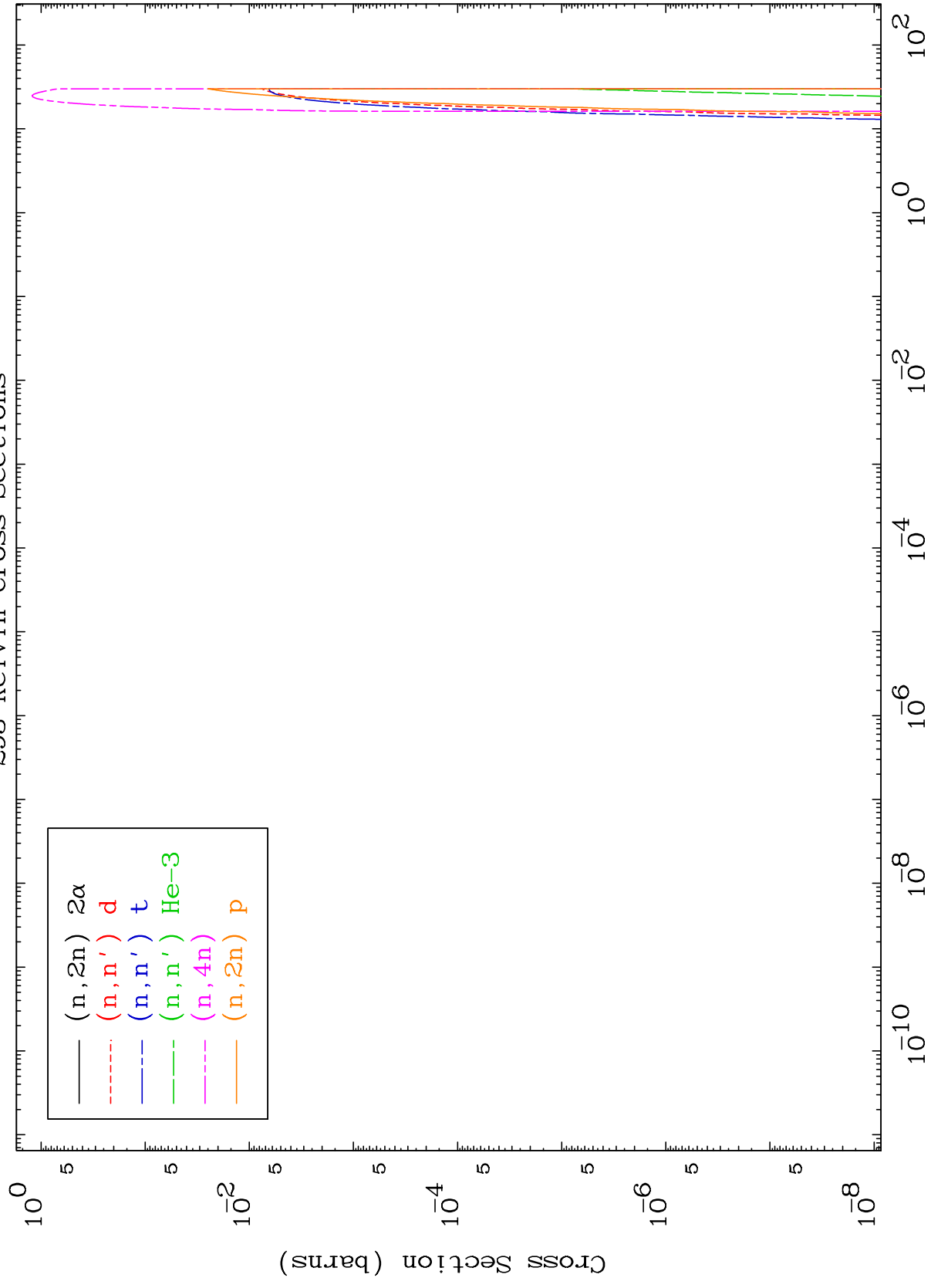
Incident Energy (MeV)

85-At-219

MAT 8573

Neutron Production
293 Kelvin Cross Sections

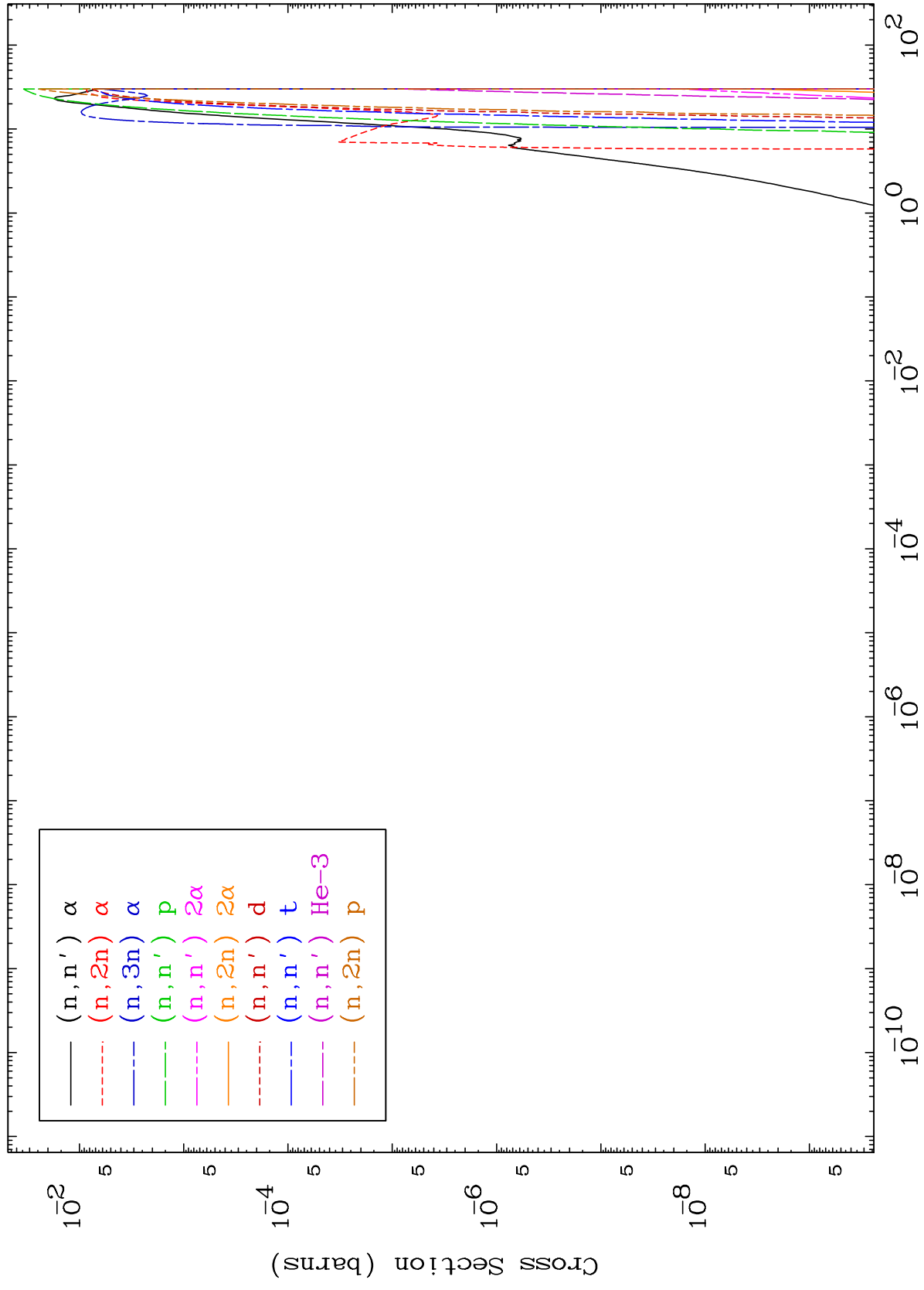
85-At-219



MAT 8573

Charged Particle
293 Kelvin Cross Sections

85-At-219

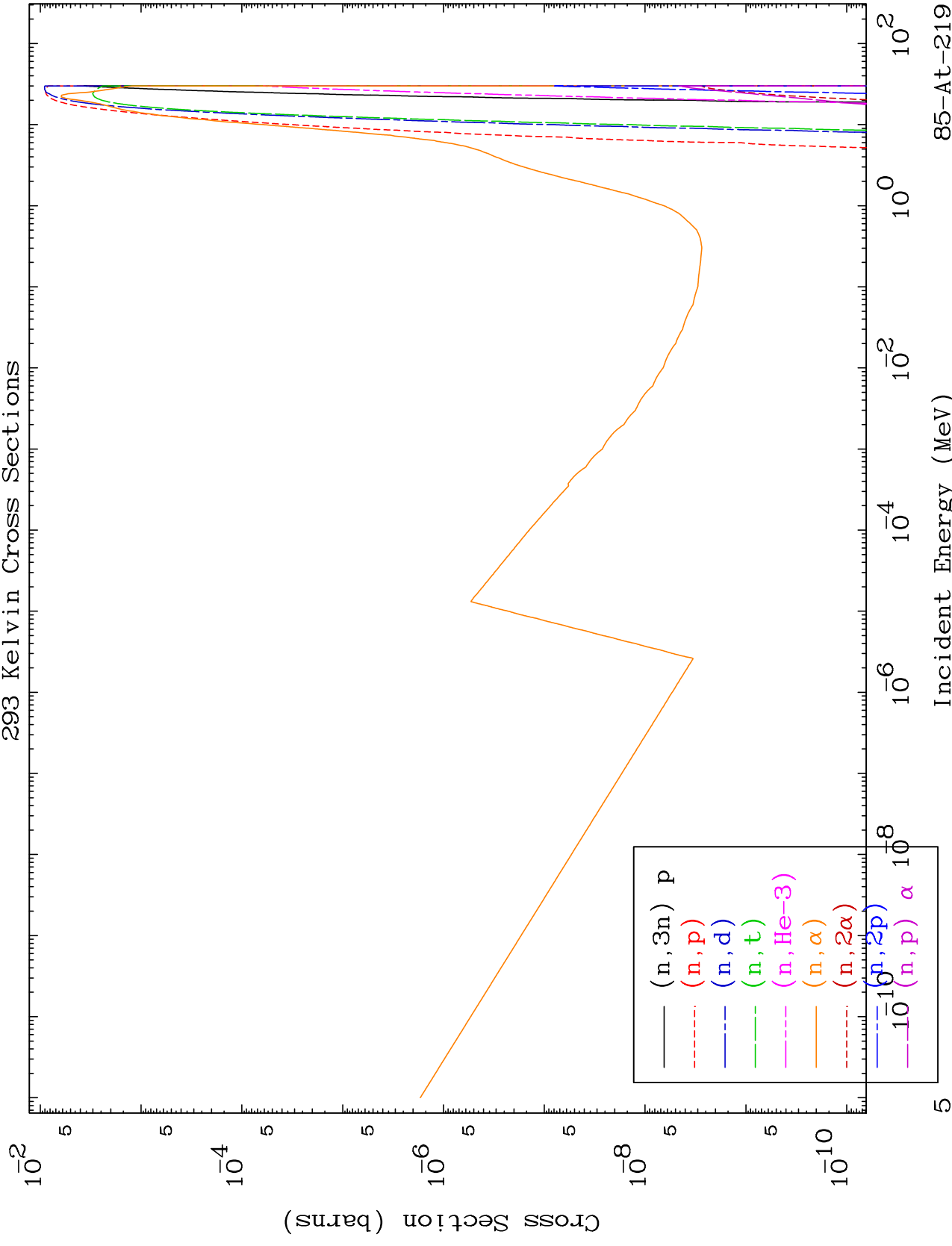


85-At-219

MAT 8573

Charged Particle
293 Kelvin Cross Sections

85-At-219

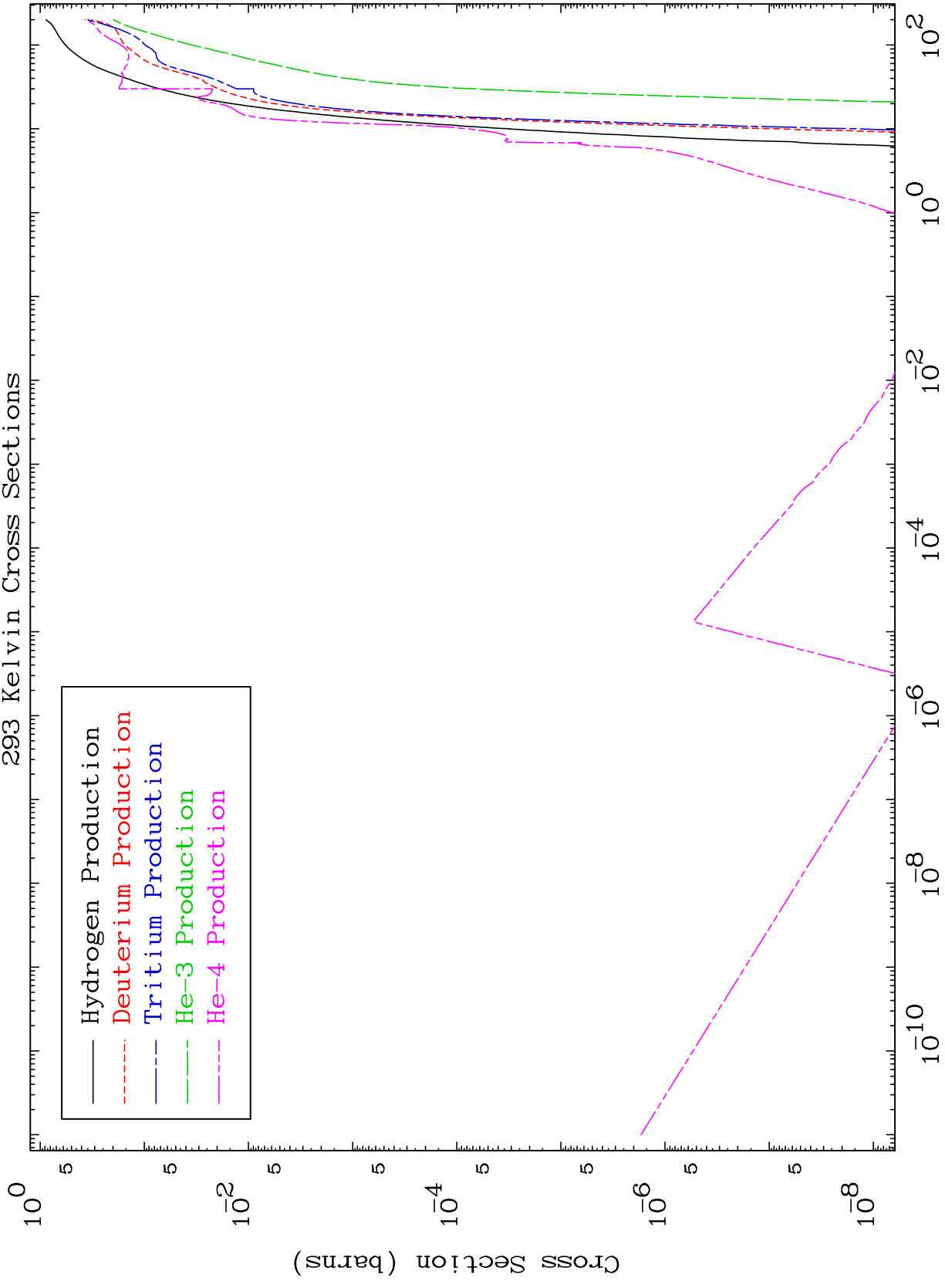


85-At-219

MAT 8573

Particle Production
293 Kelvin Cross Sections

85-At-219



6

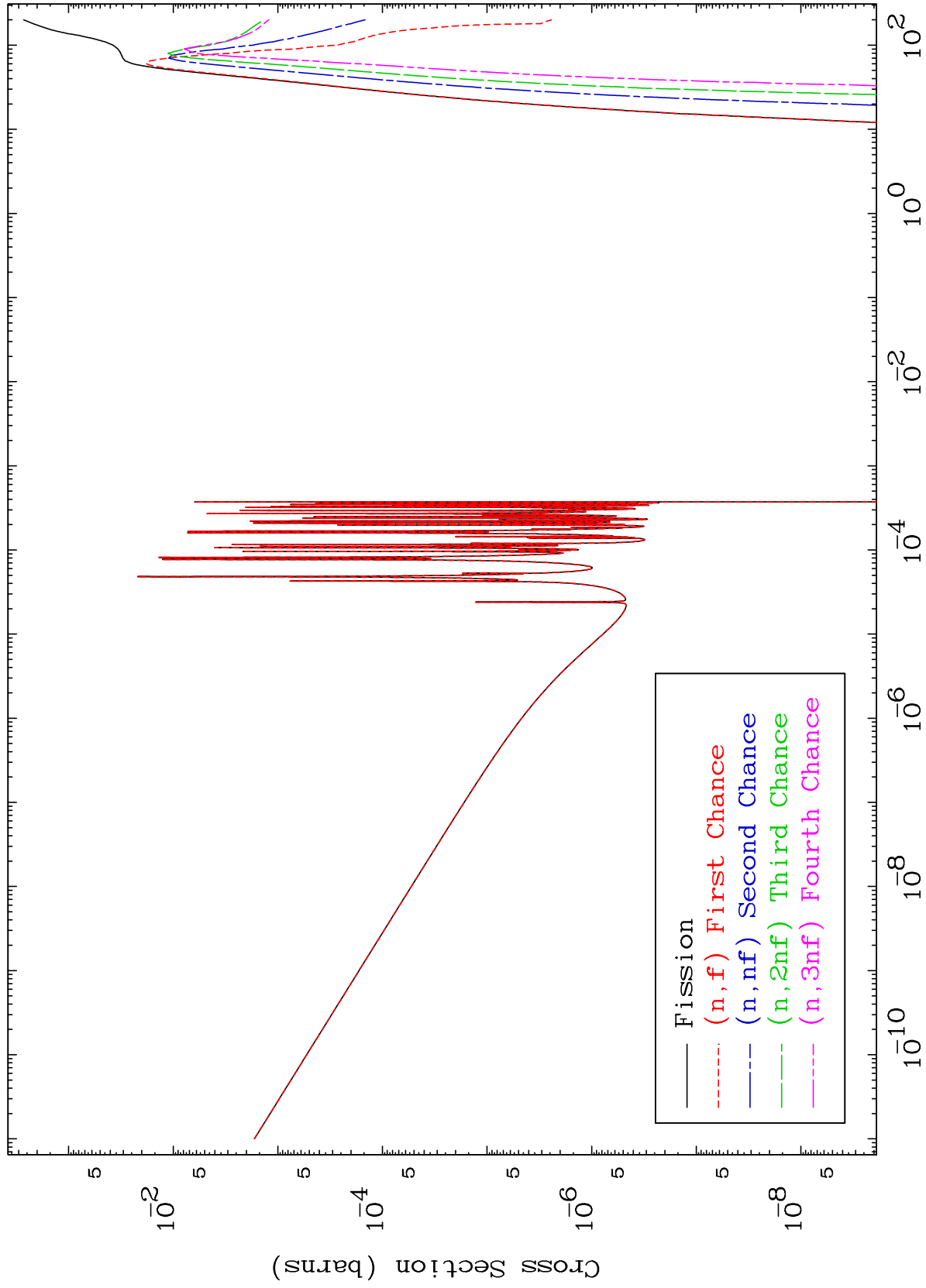
Incident Energy (MeV)

85-At-219

MAT 8573

Fission
293 Kelvin Cross Sections

85-At-219



7

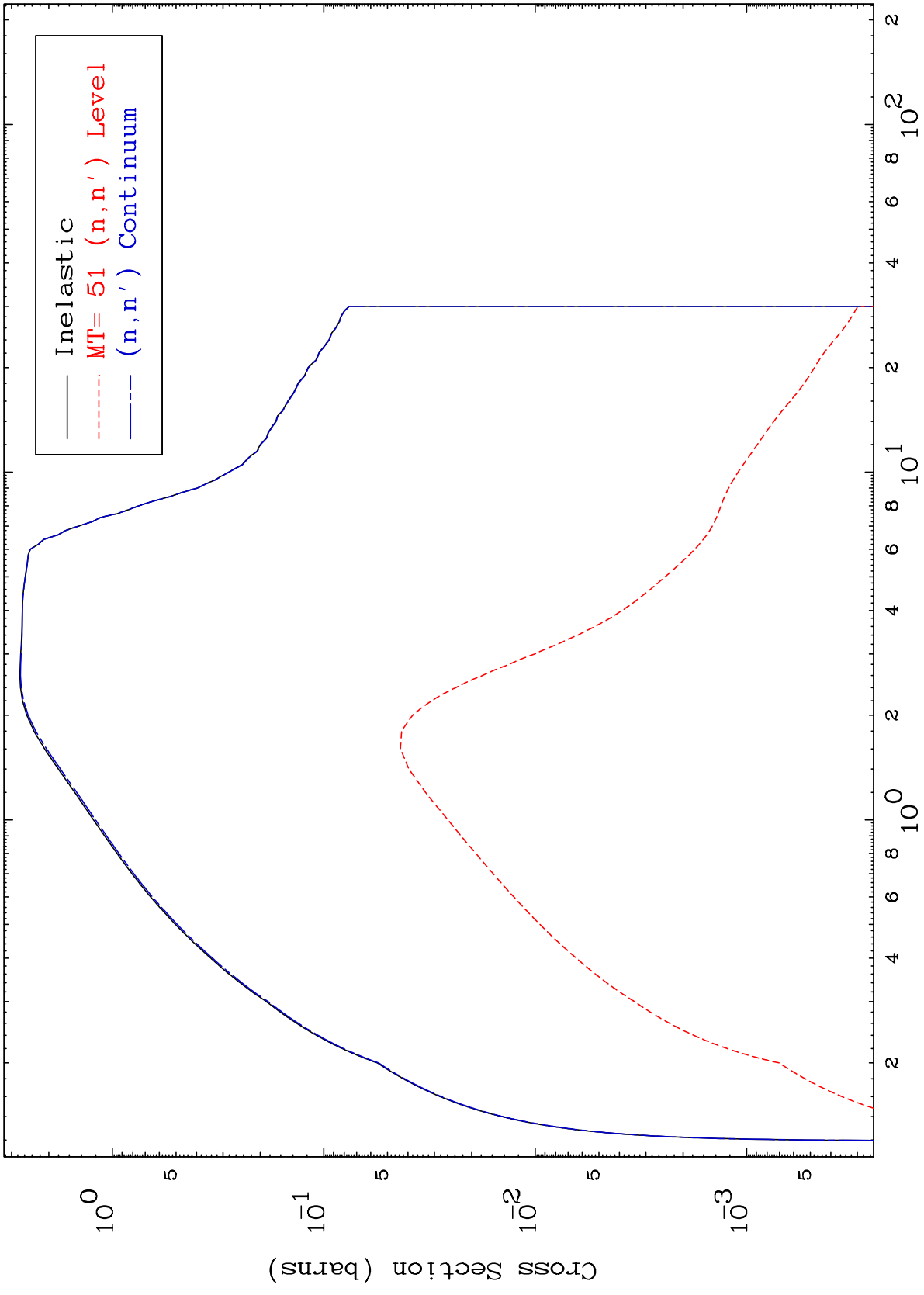
Incident Energy (MeV)

85-At-219

MAT 8573

(n,n') Level
293 Kelvin Cross Sections

85-At-219



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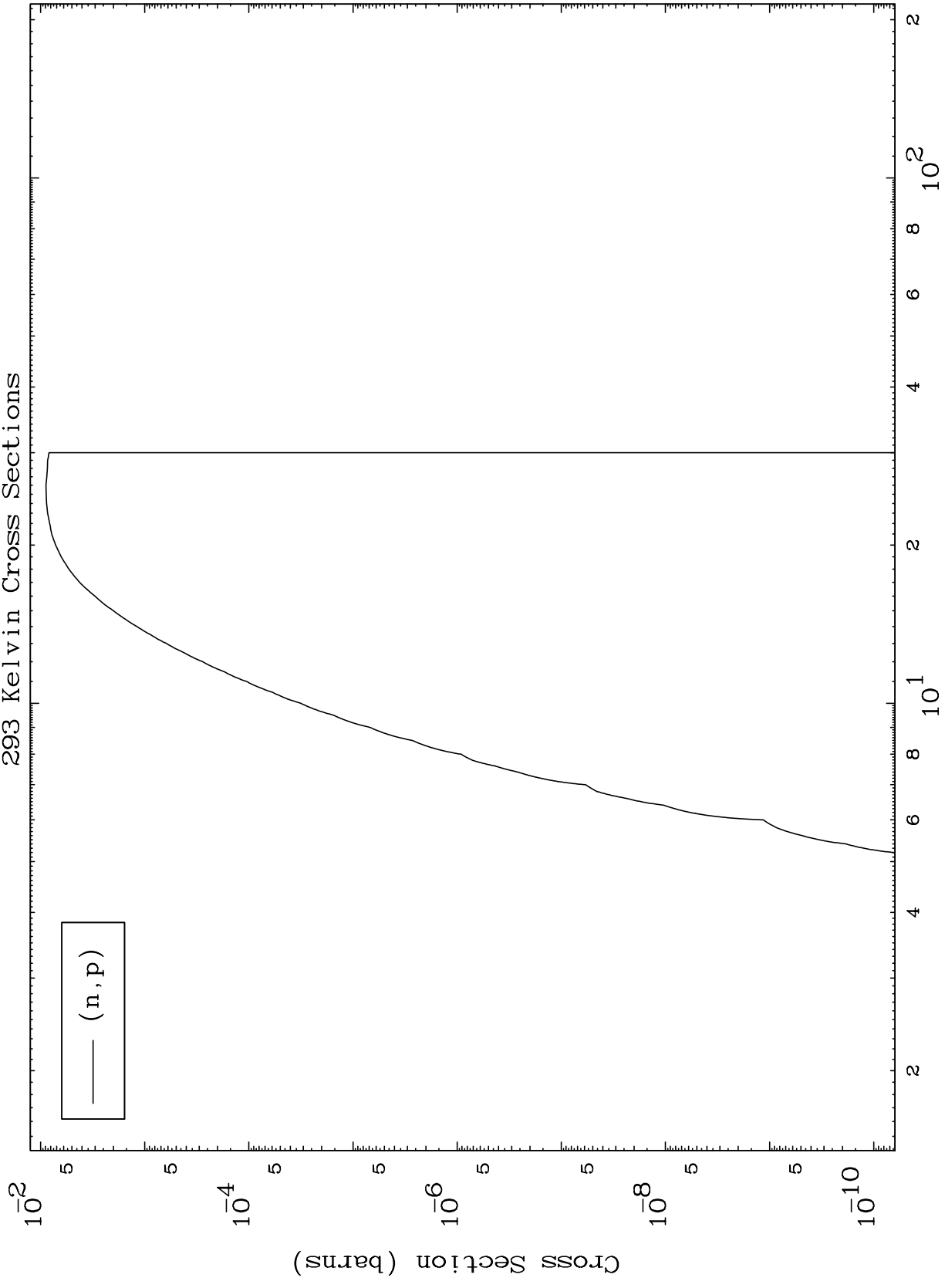
Incident Energy (MeV)

85-At-219

MAT 8573

(n,p) Levels
293 Kelvin Cross Sections

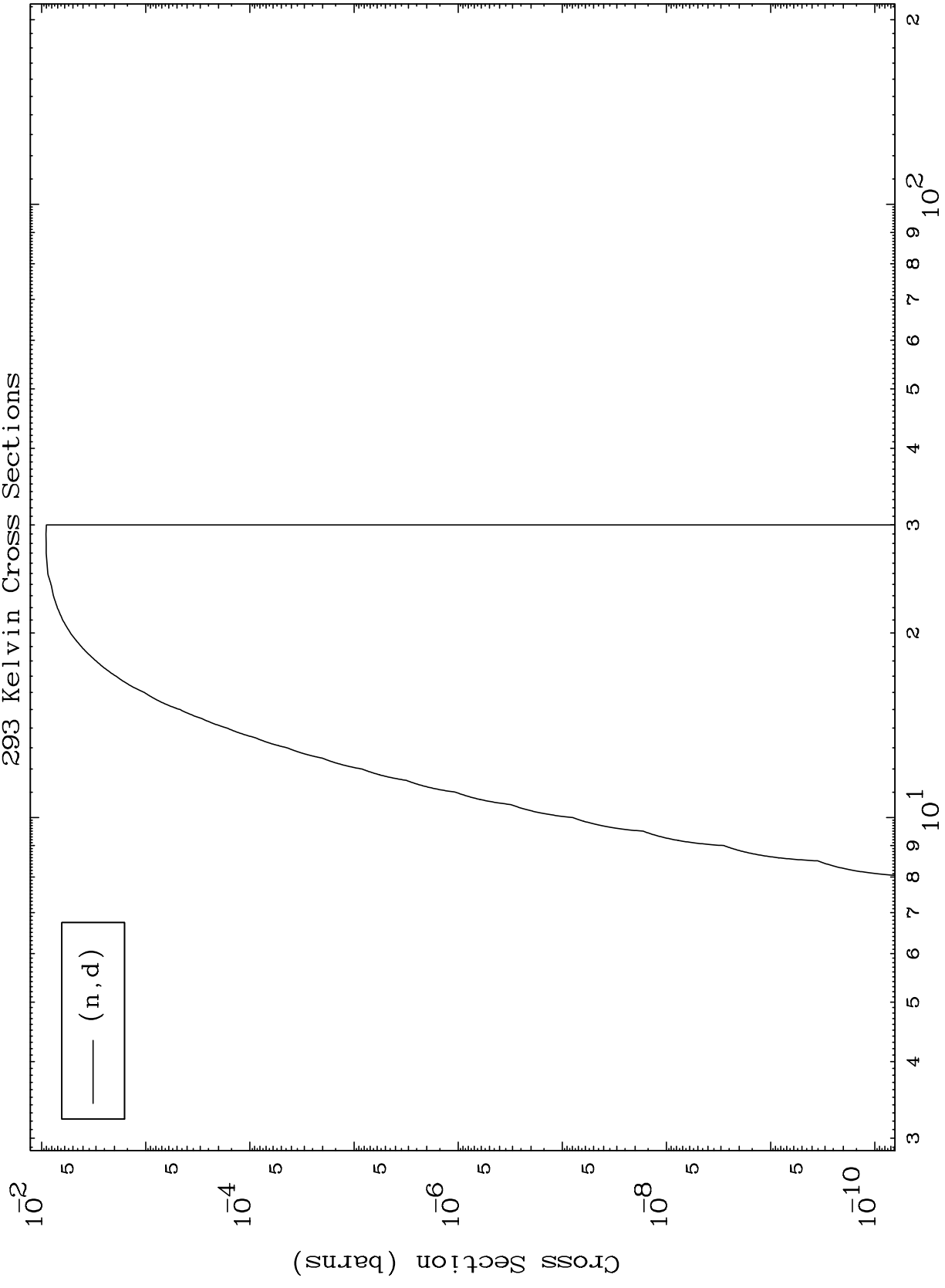
85-At-219



MAT 8573

(n,d) Levels
293 Kelvin Cross Sections

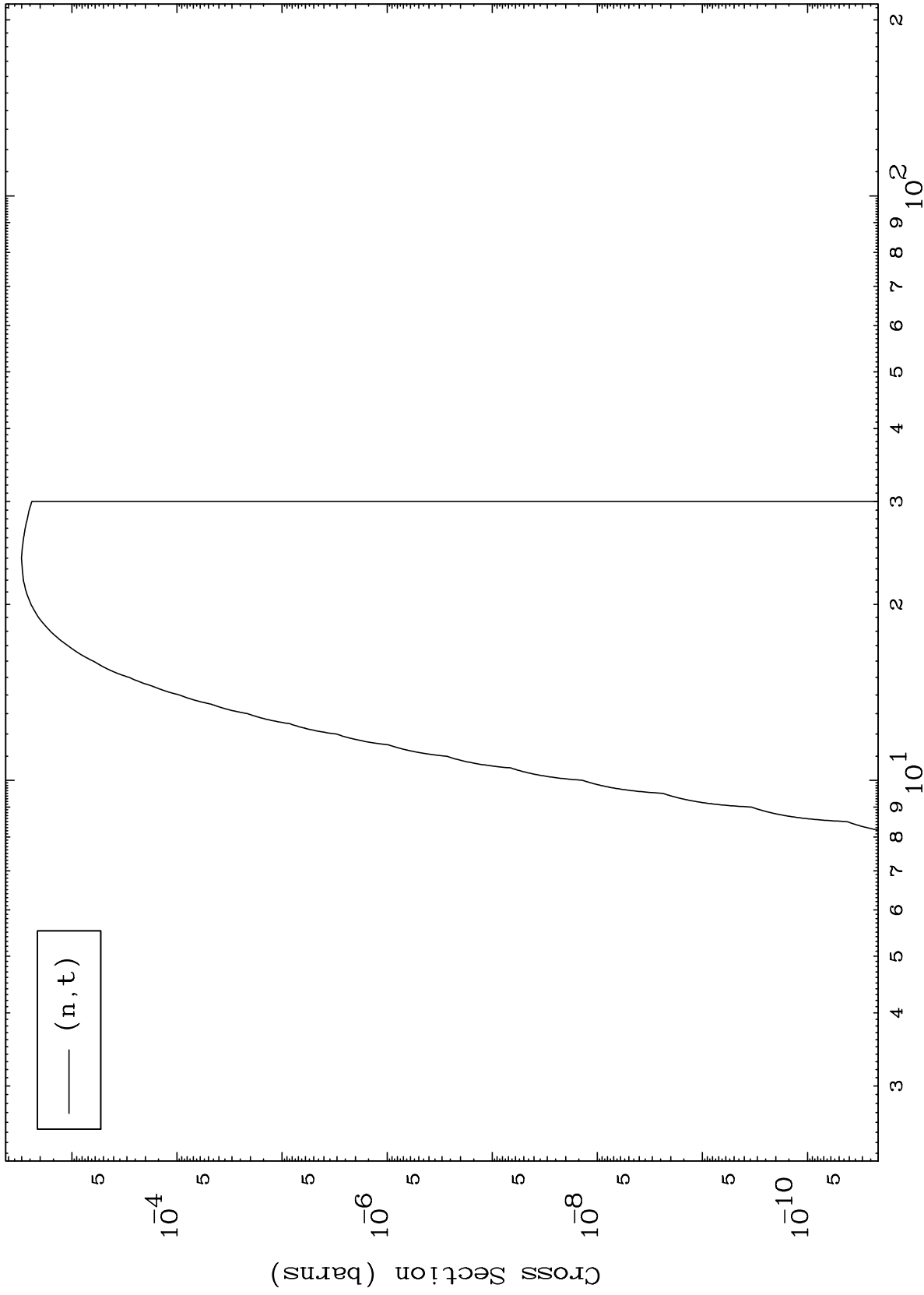
85-At-219



10

Incident Energy (MeV)

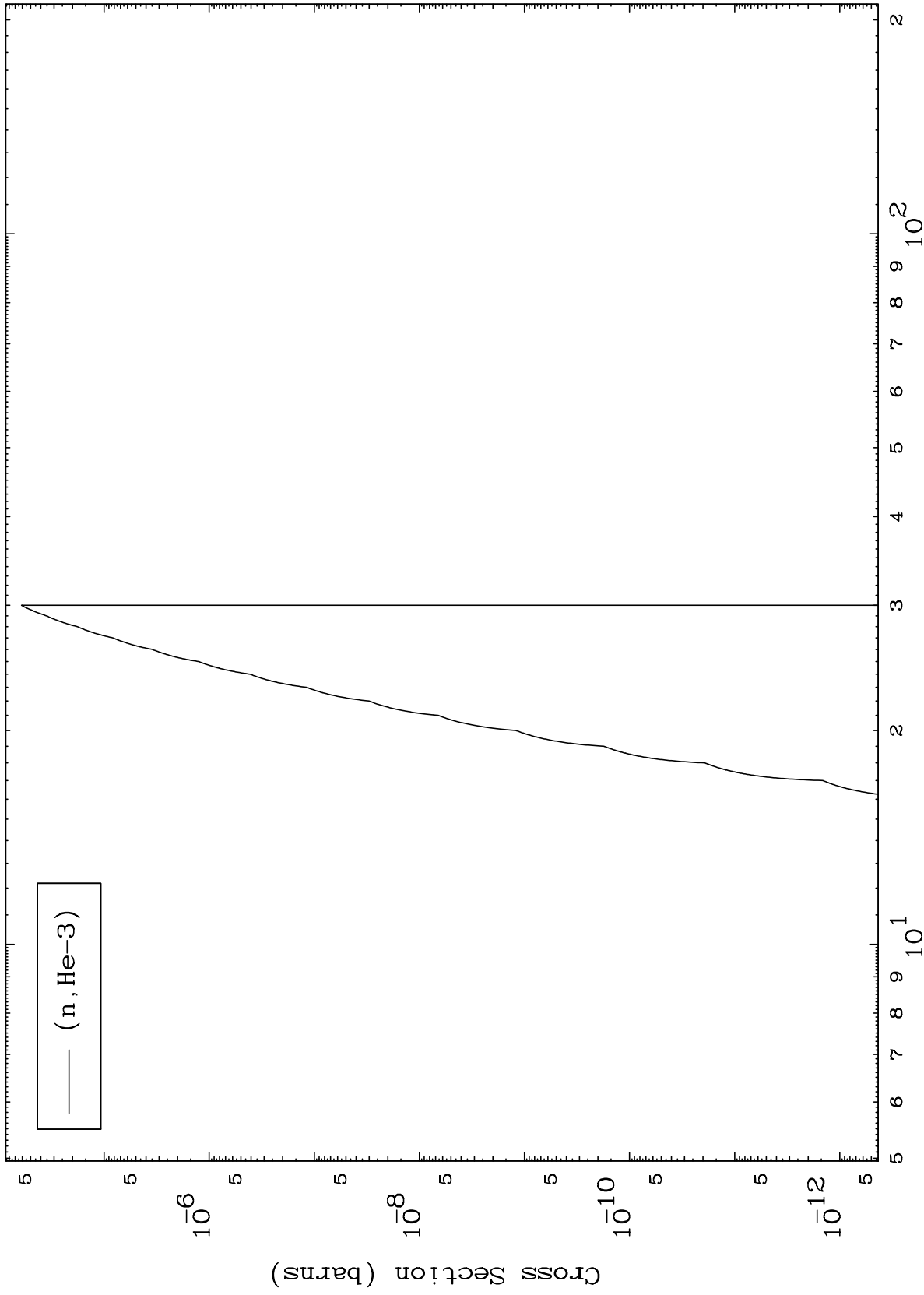
85-At-219



MAT 8573

(n,He3) Levels
293 Kelvin Cross Sections

85-At-219



12

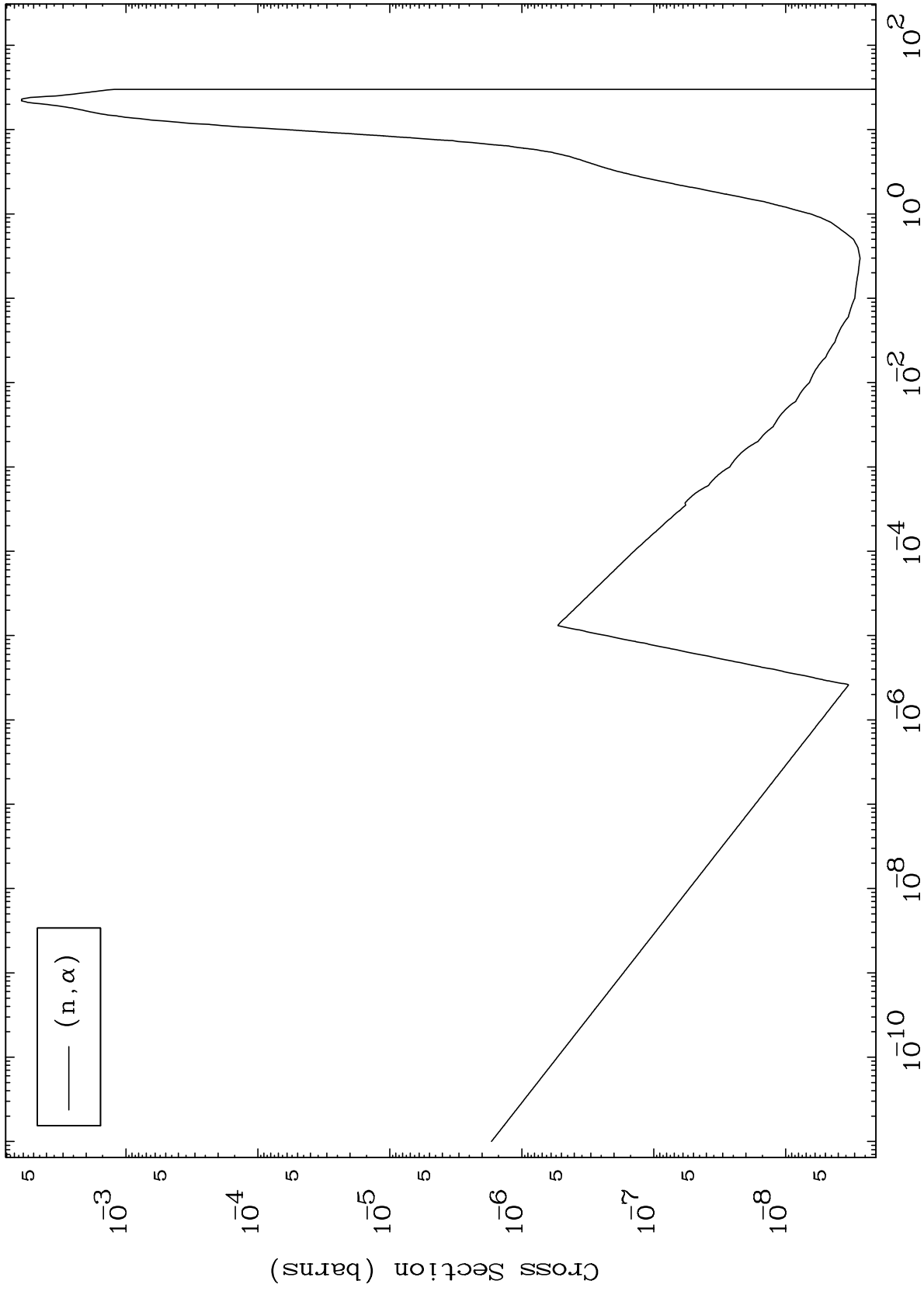
Incident Energy (MeV)

85-At-219

MAT 8573

(n,α) Levels
293 Kelvin Cross Sections

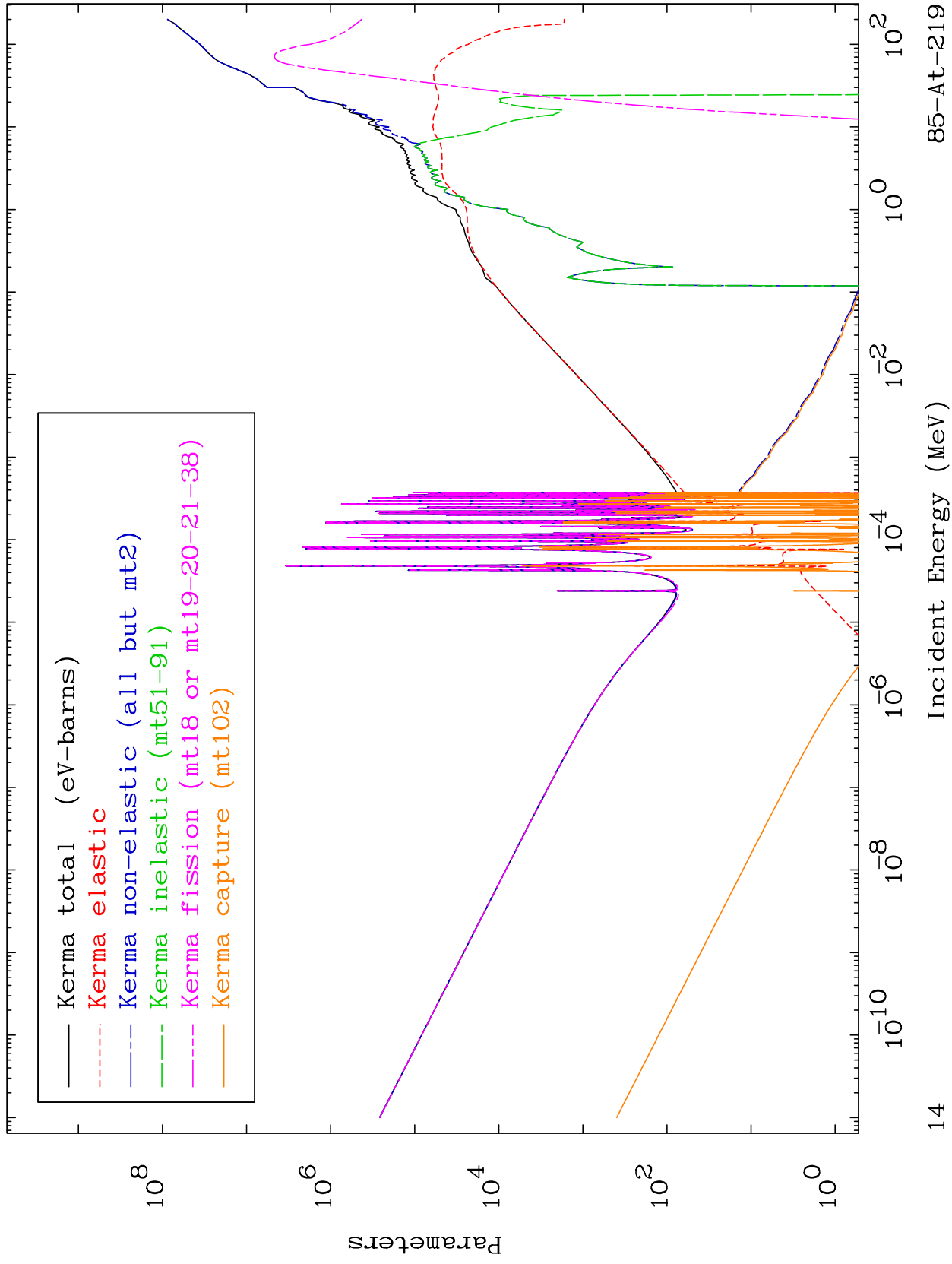
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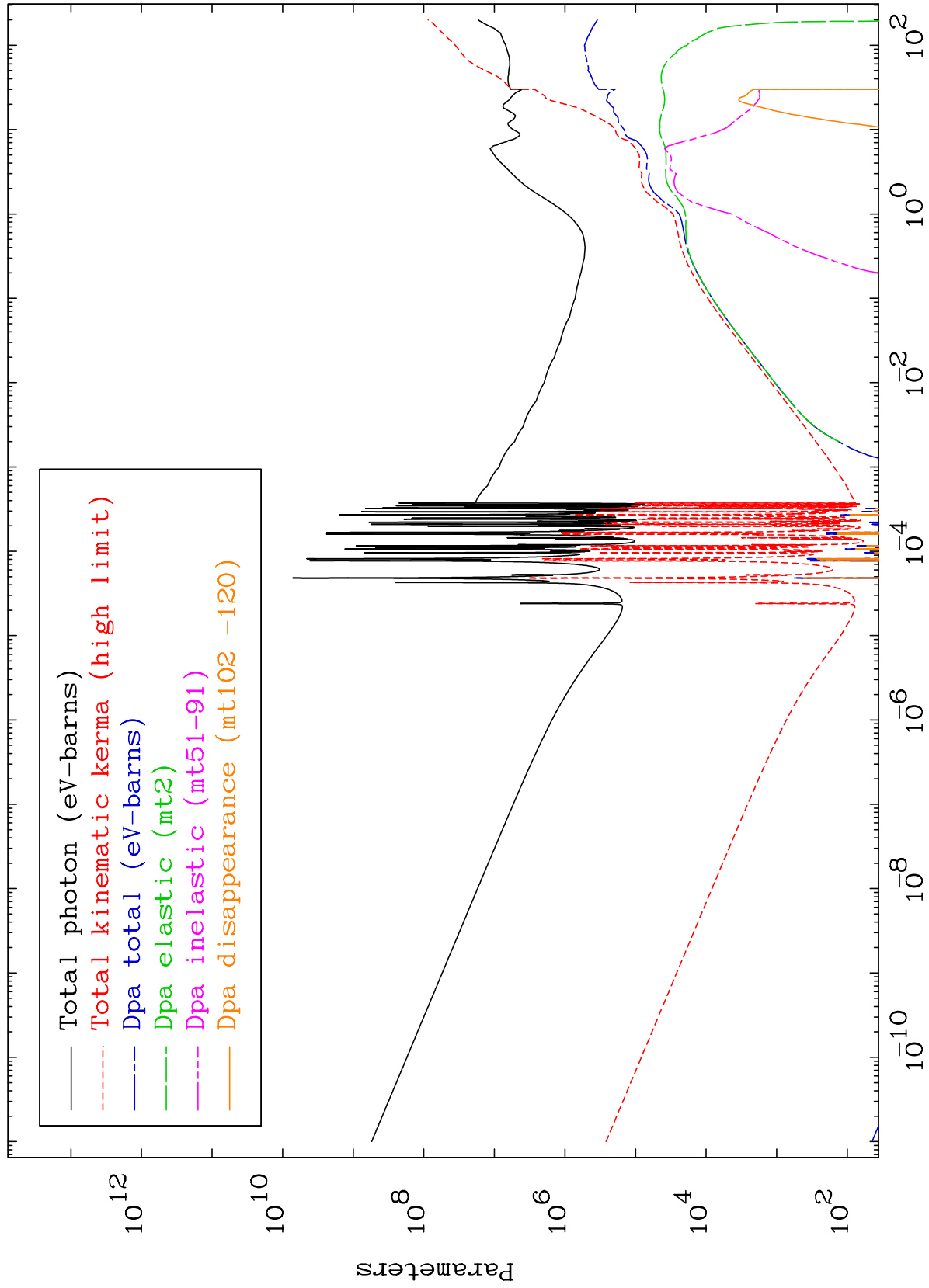


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Incident Energy (MeV)

85-At-219

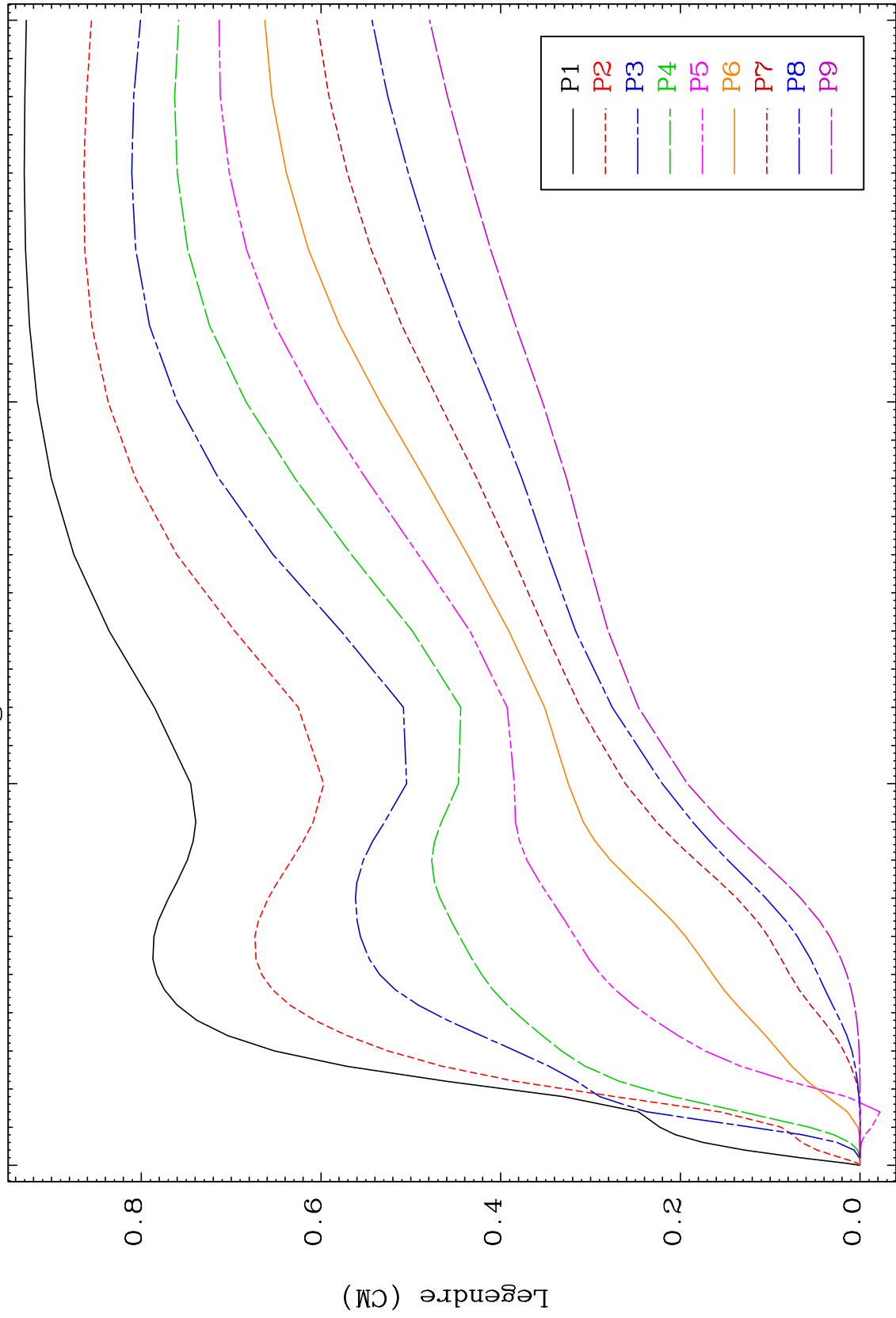




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Elastic Legendre Coefficients

85-At-219



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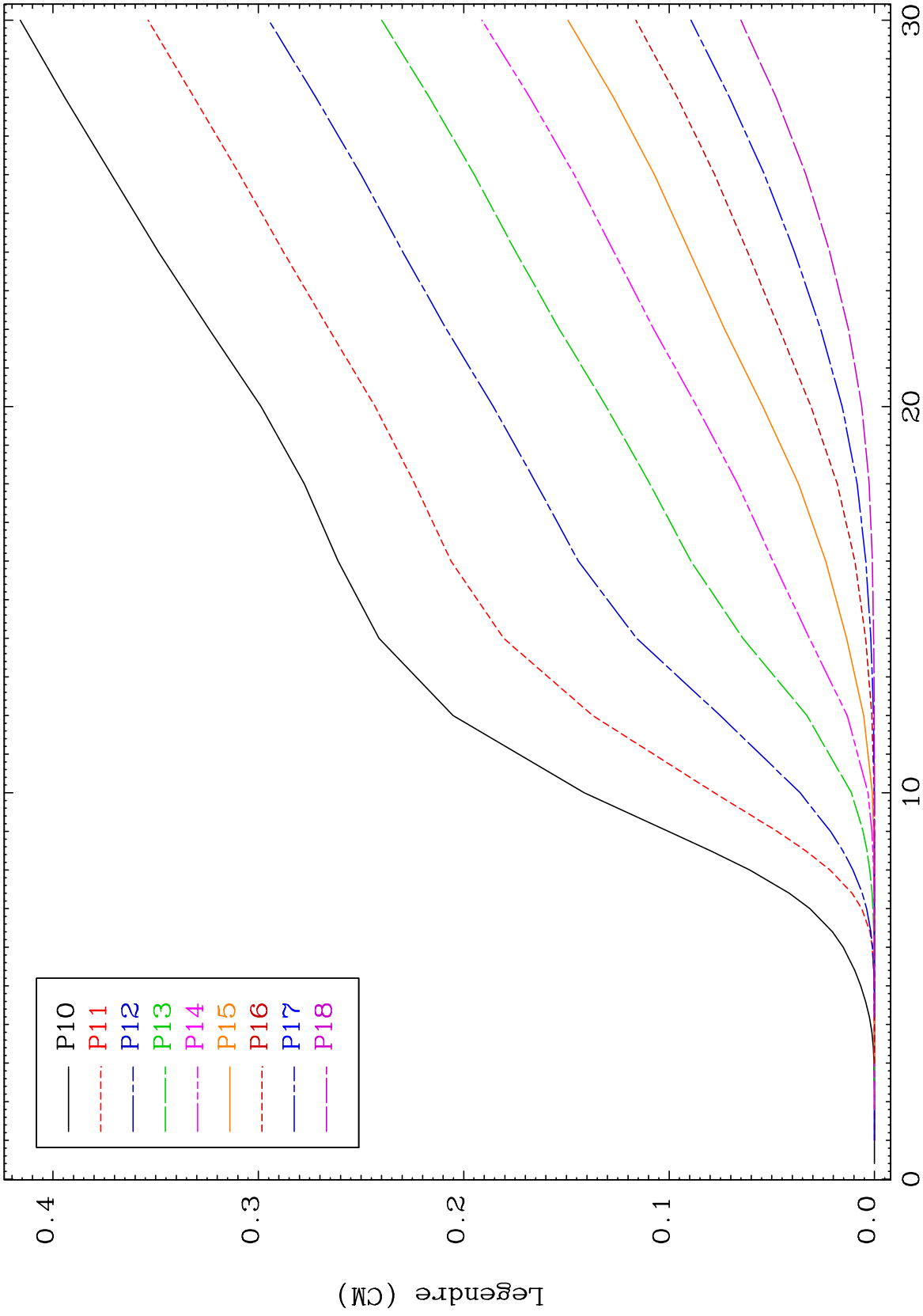
Incident Energy (MeV)

85-At-219

MAT 8573

Elastic Legendre Coefficients

85-At-219



17

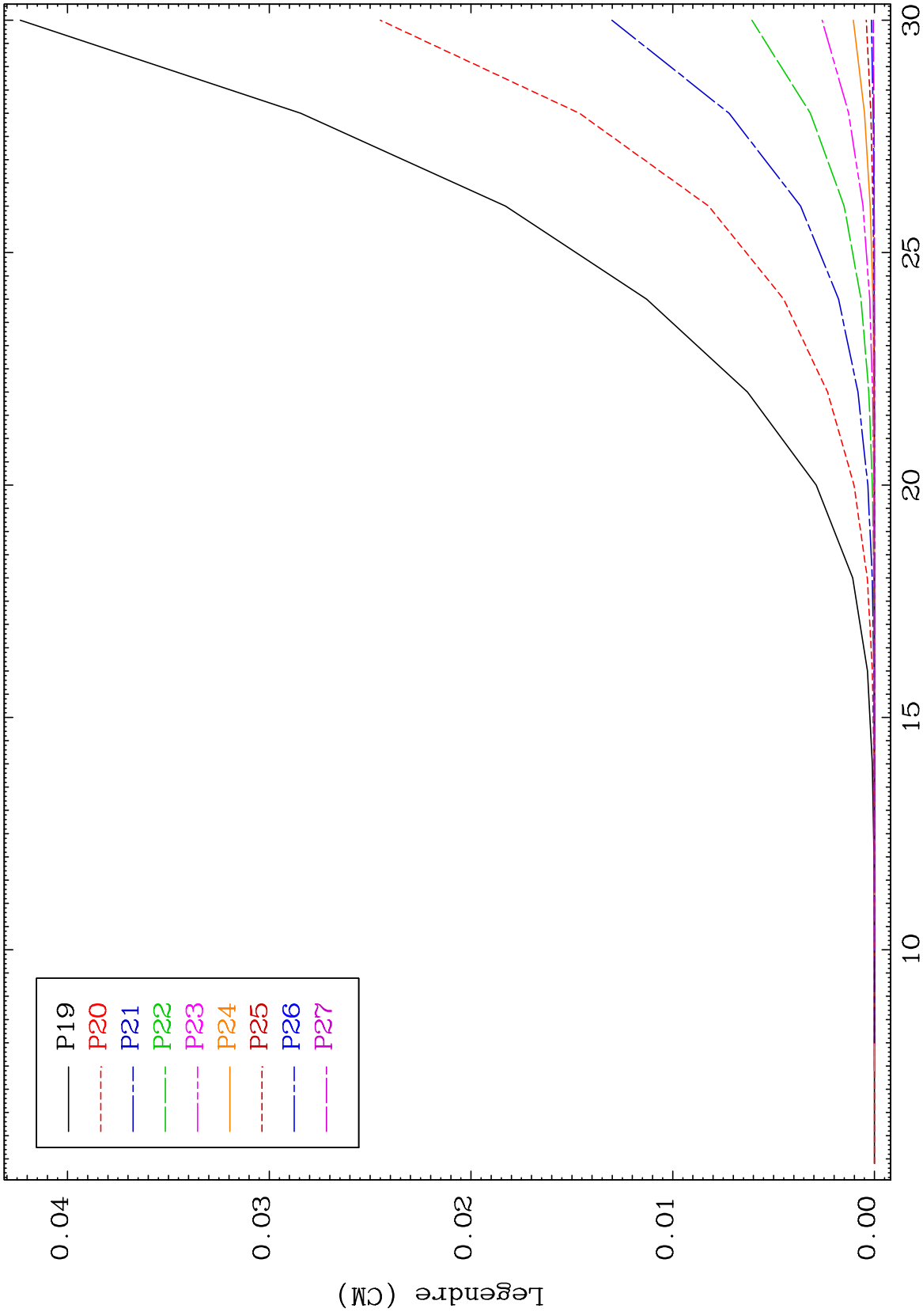
Incident Energy (MeV)

85-At-219

MAT 8573

Elastic Legendre Coefficients

85-At-219



18

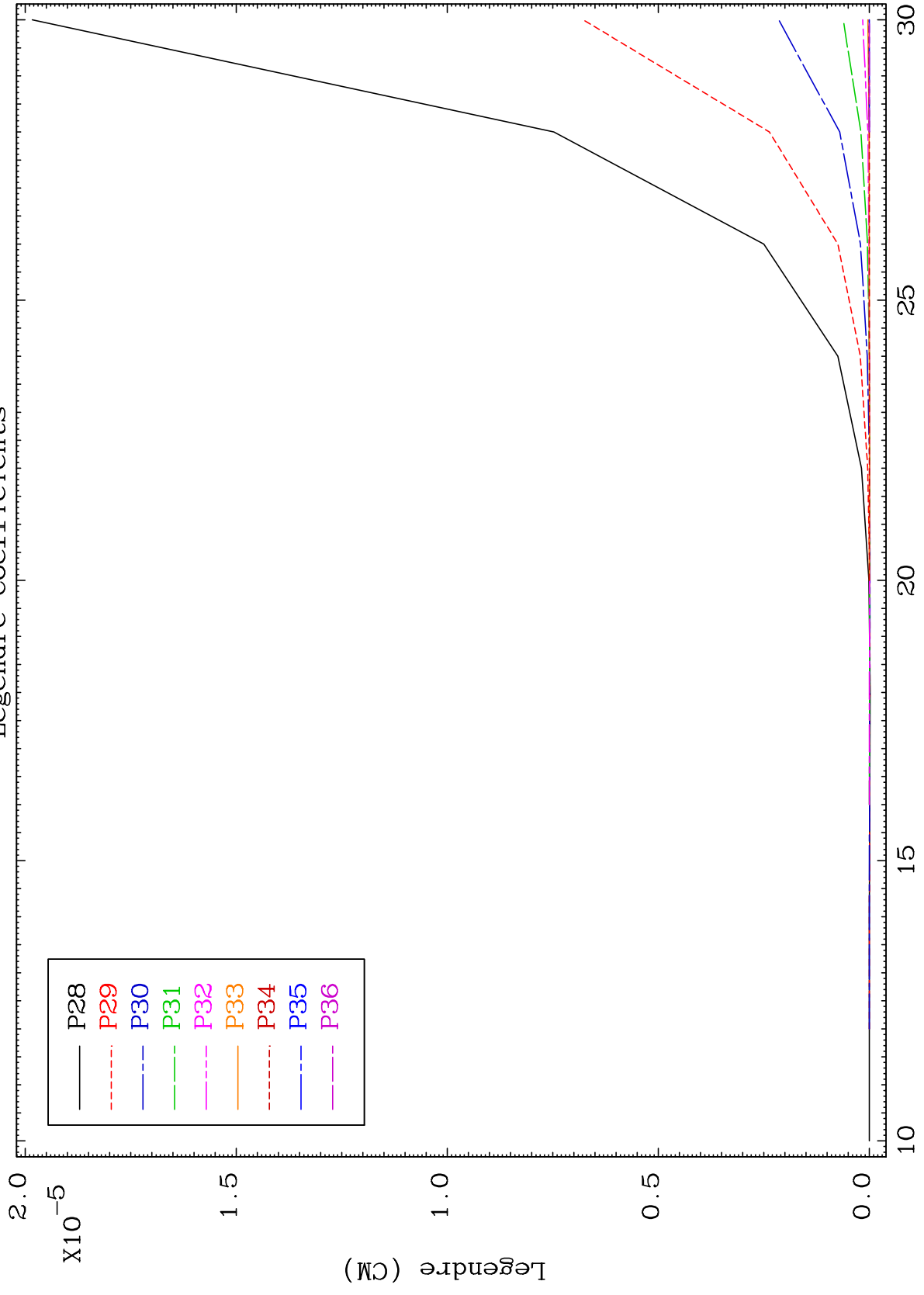
Incident Energy (MeV)

85-At-219

MAT 8573

Elastic Legendre Coefficients

85-At-219



19

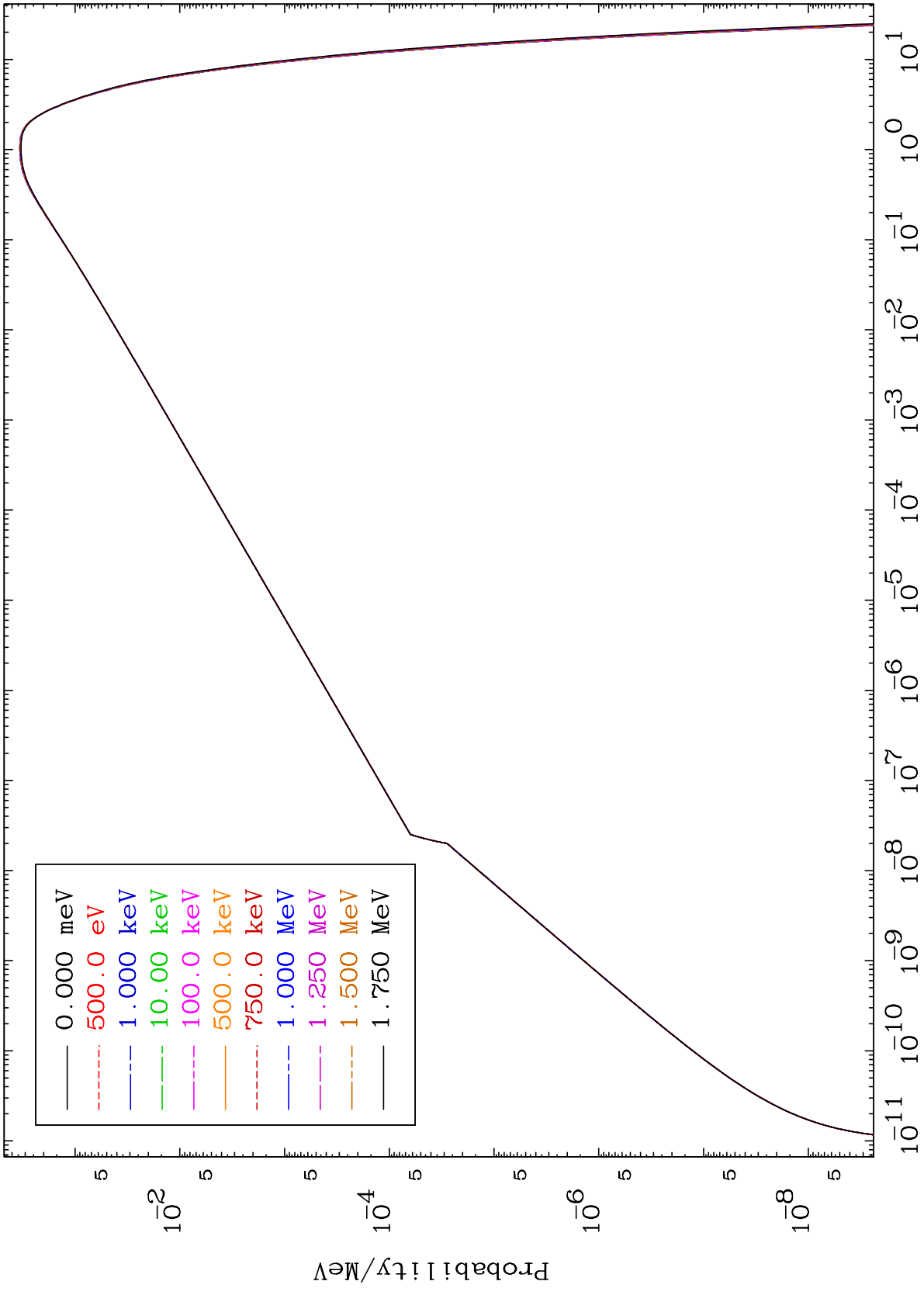
Incident Energy (MeV)

85-At-219

MAT 8573

Fission Energy Distribution

85-At-219

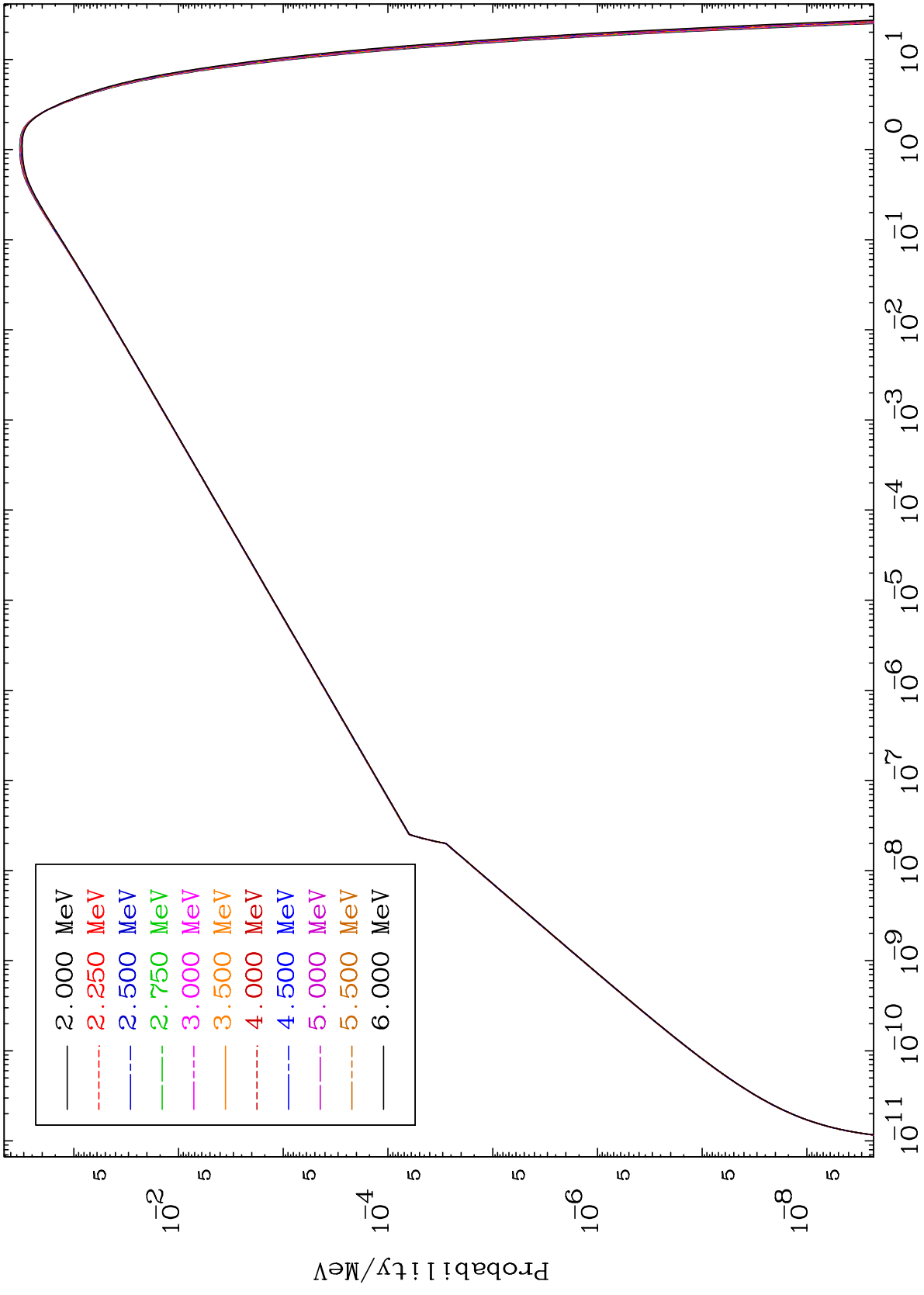


85-At-219

MAT 8573

Fission Energy Distribution

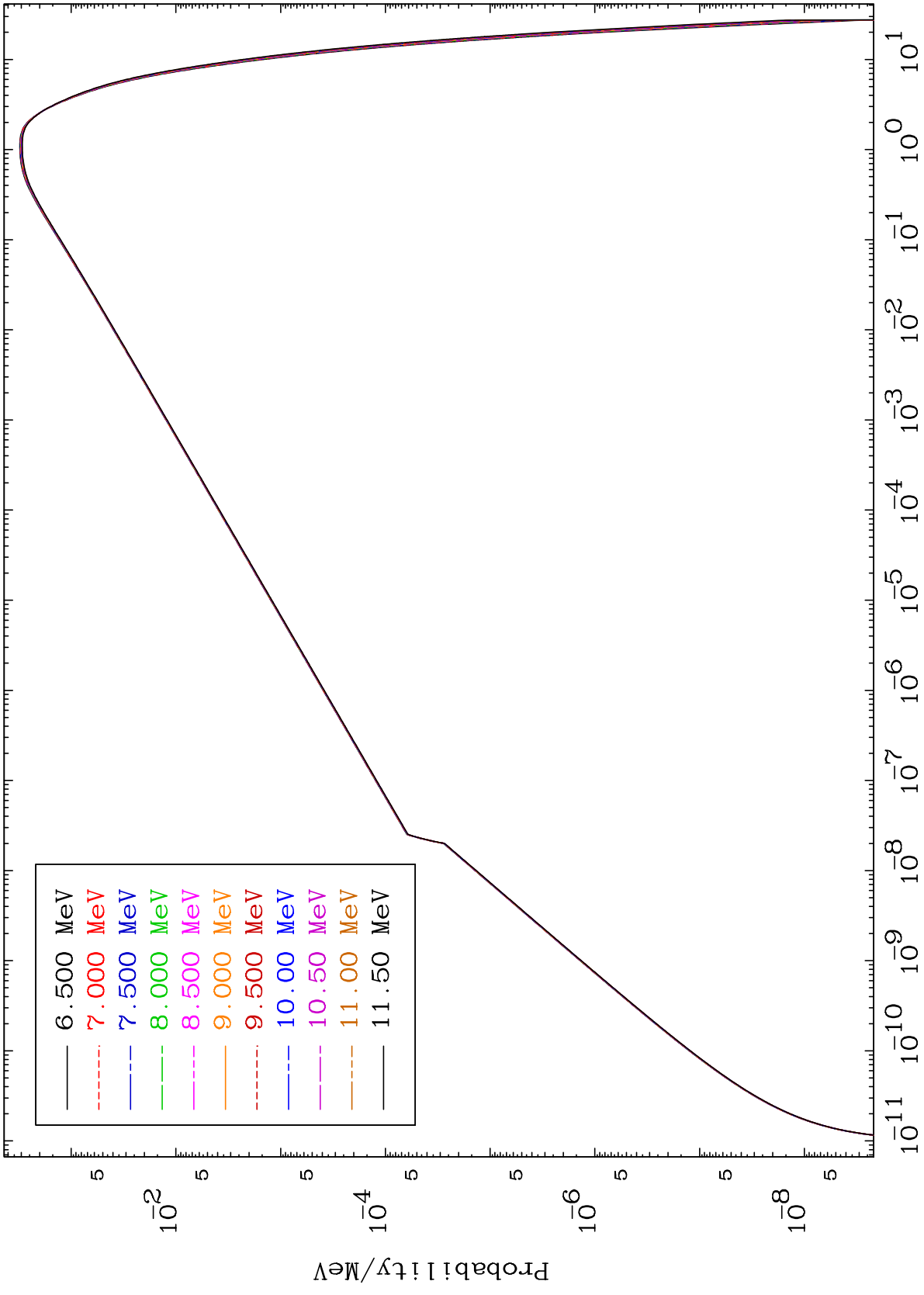
85-At-219



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Fission Energy Distribution

85-At-219

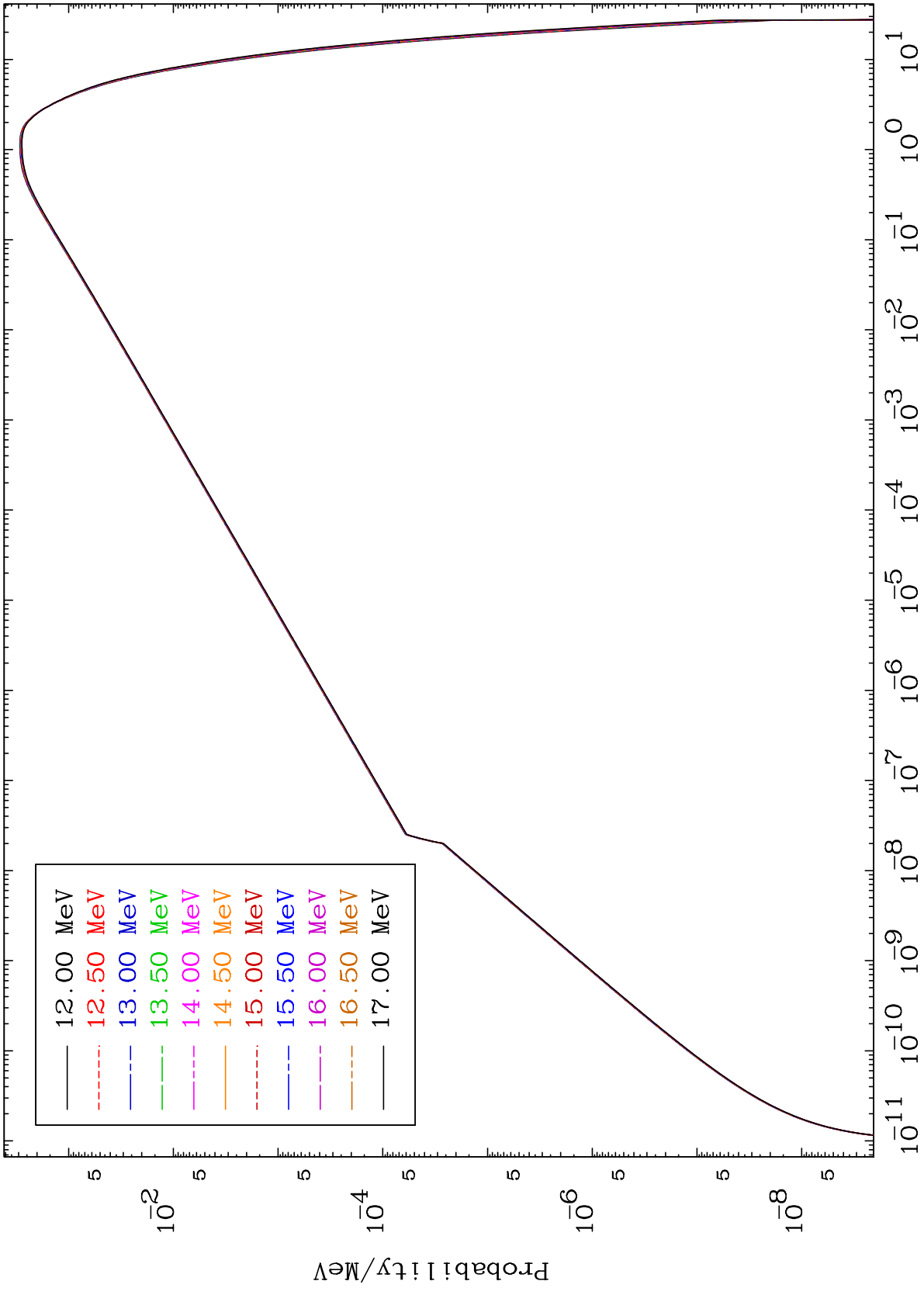


85-At-219

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Fission Energy Distribution

85-At-219

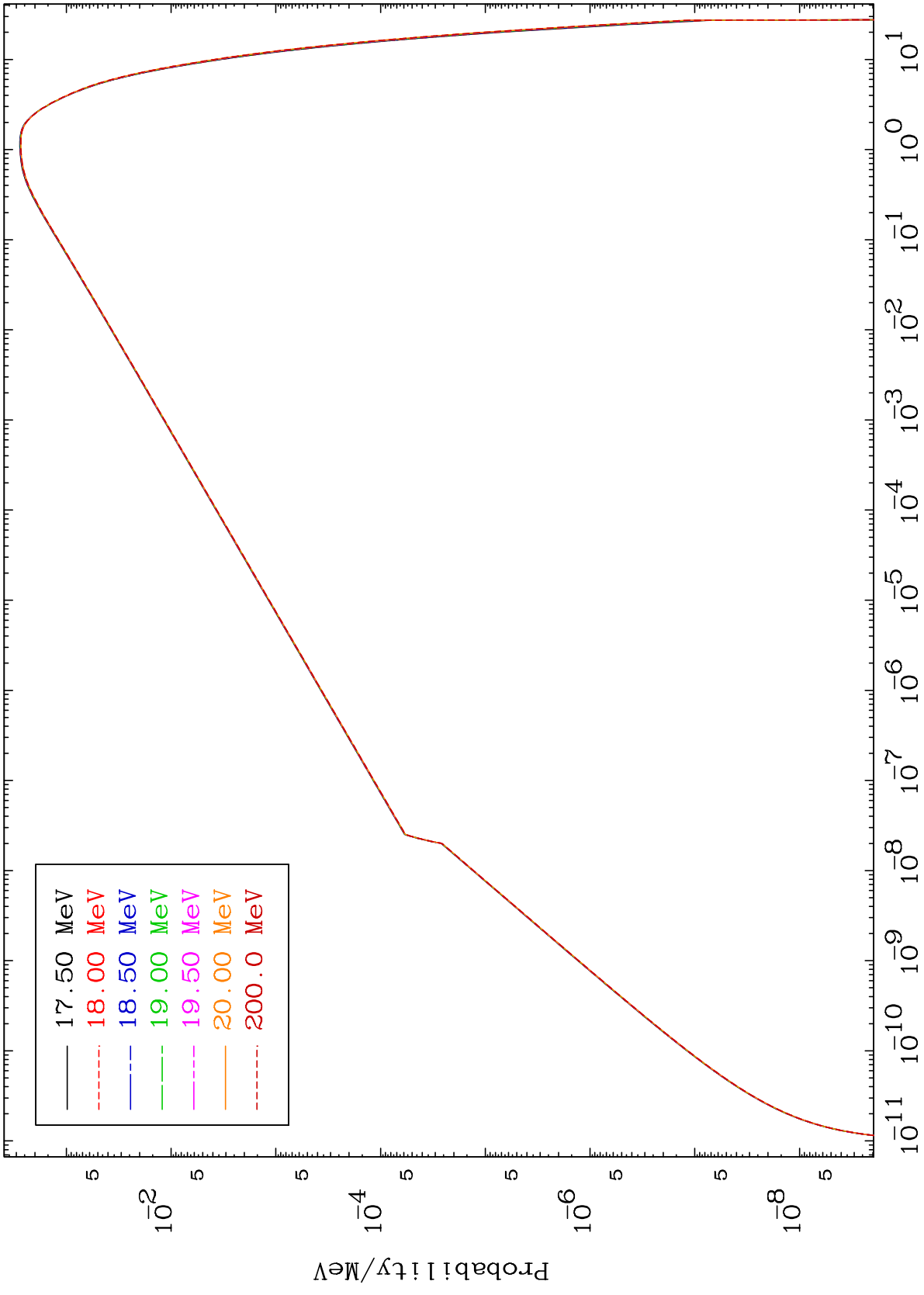


85-At-219

MAT 8573

Fission Energy Distribution

85-At-219



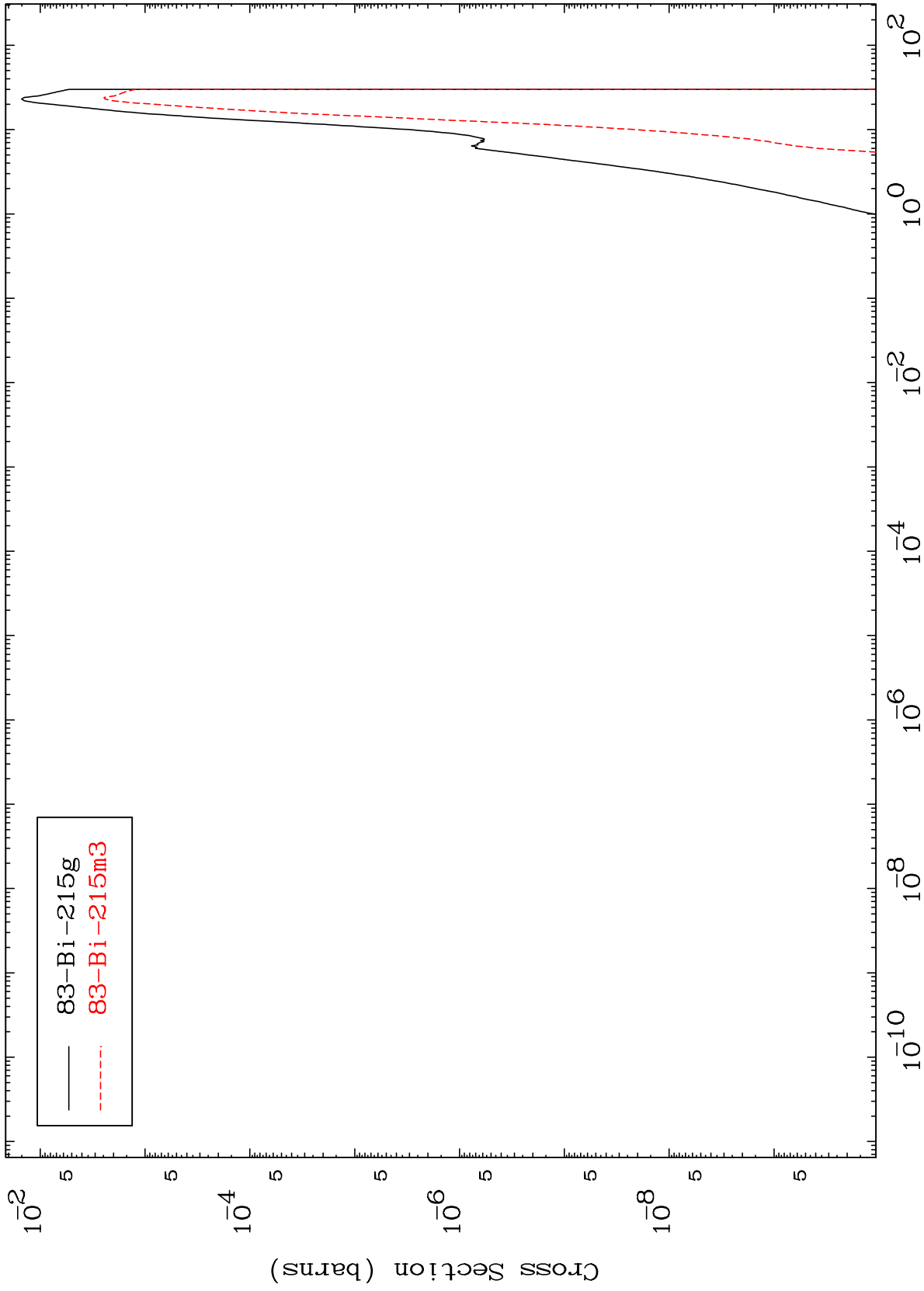
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

MAT 8573

(n,n') α

85-At-219

Radionuclide Production Cross Section



25

Incident Energy (MeV)

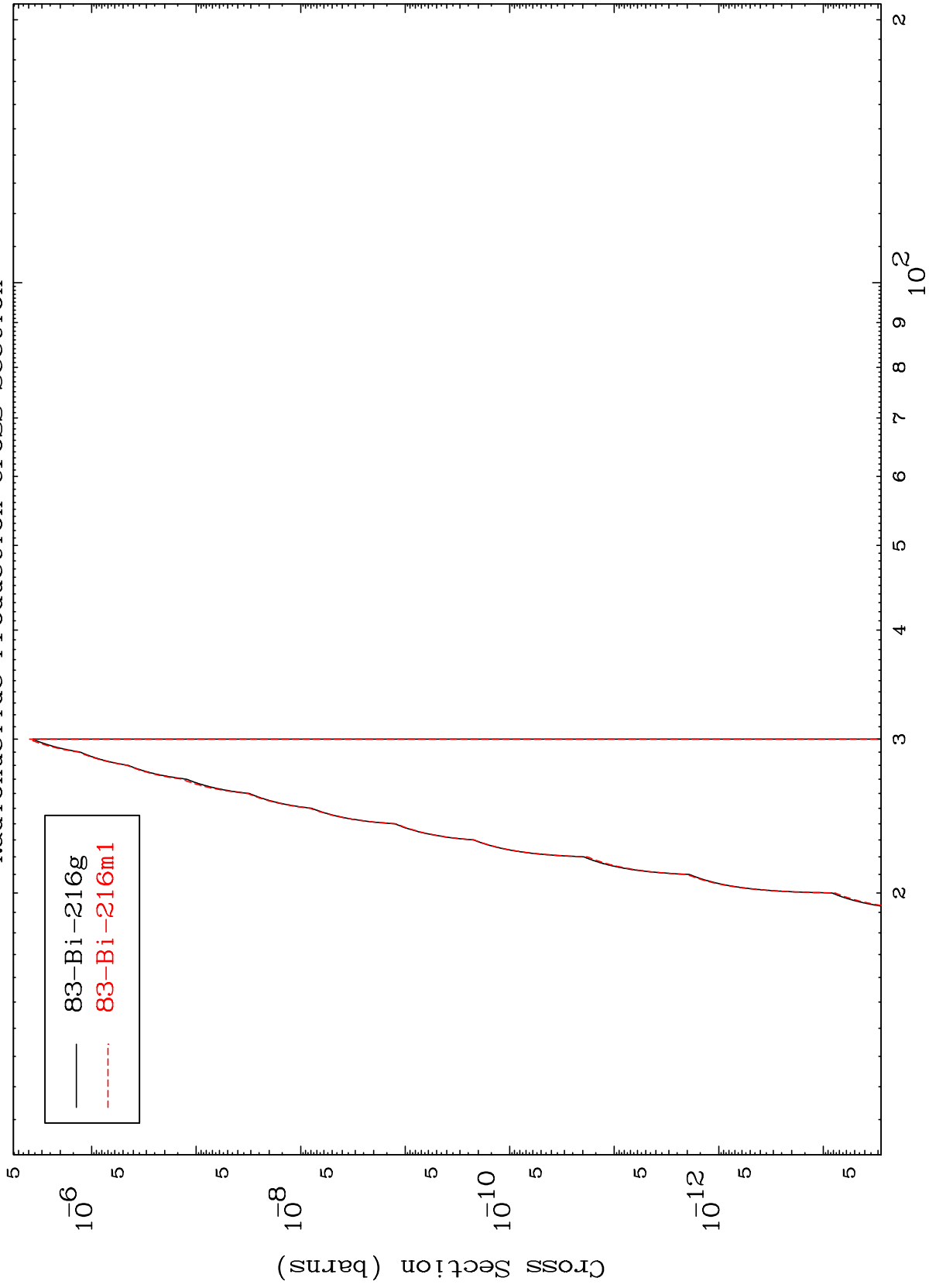
85-At-219

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(n, n') He-3

85-At-219

Radionuclide Production Cross Section



26

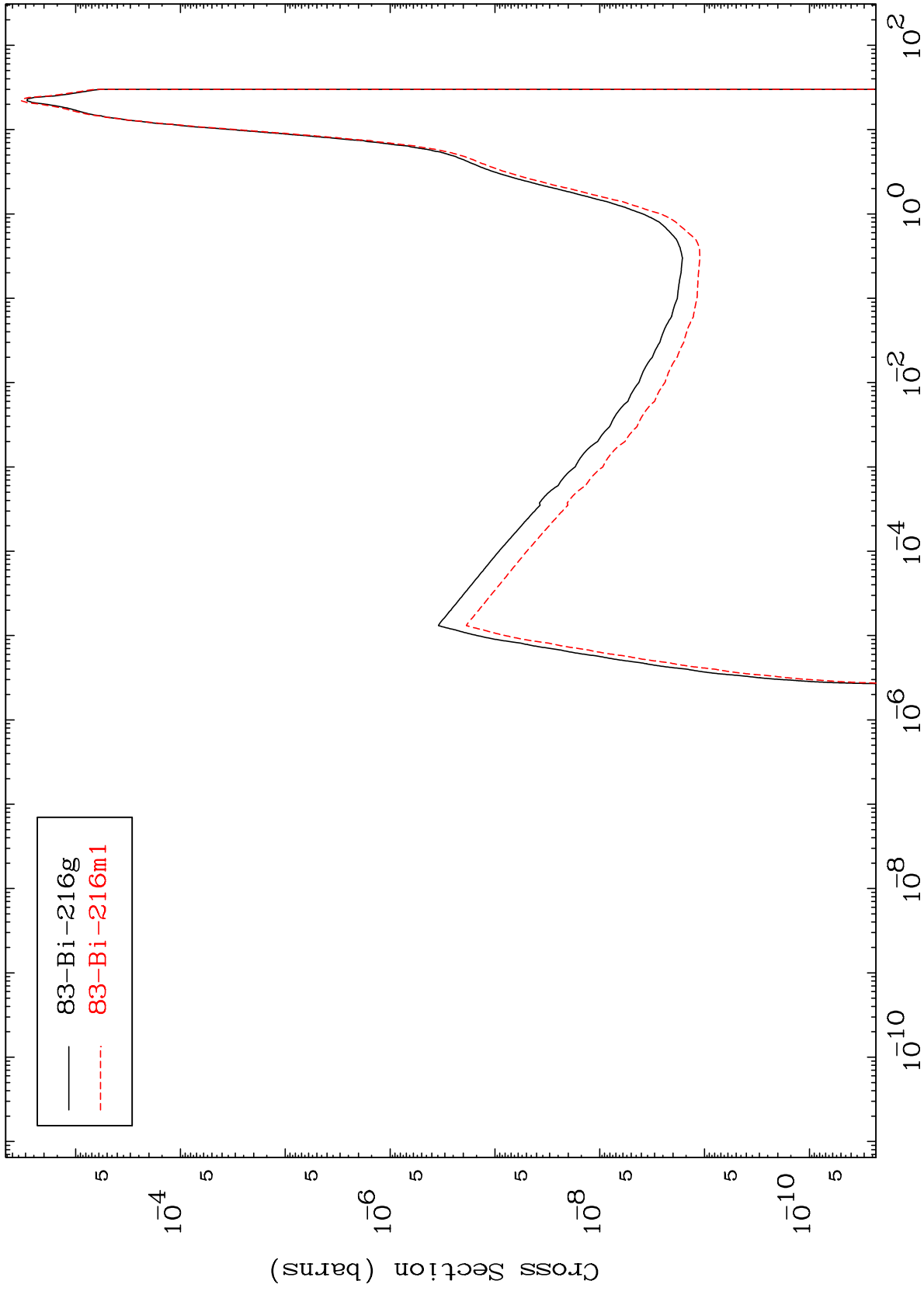
85-At-219

MAT 8573

(n, α)

85-At-219

Radionuclide Production Cross Section



27

Incident Energy (MeV)

85-At-219