

Program EVALPLOT
(Version 2018-1)

by

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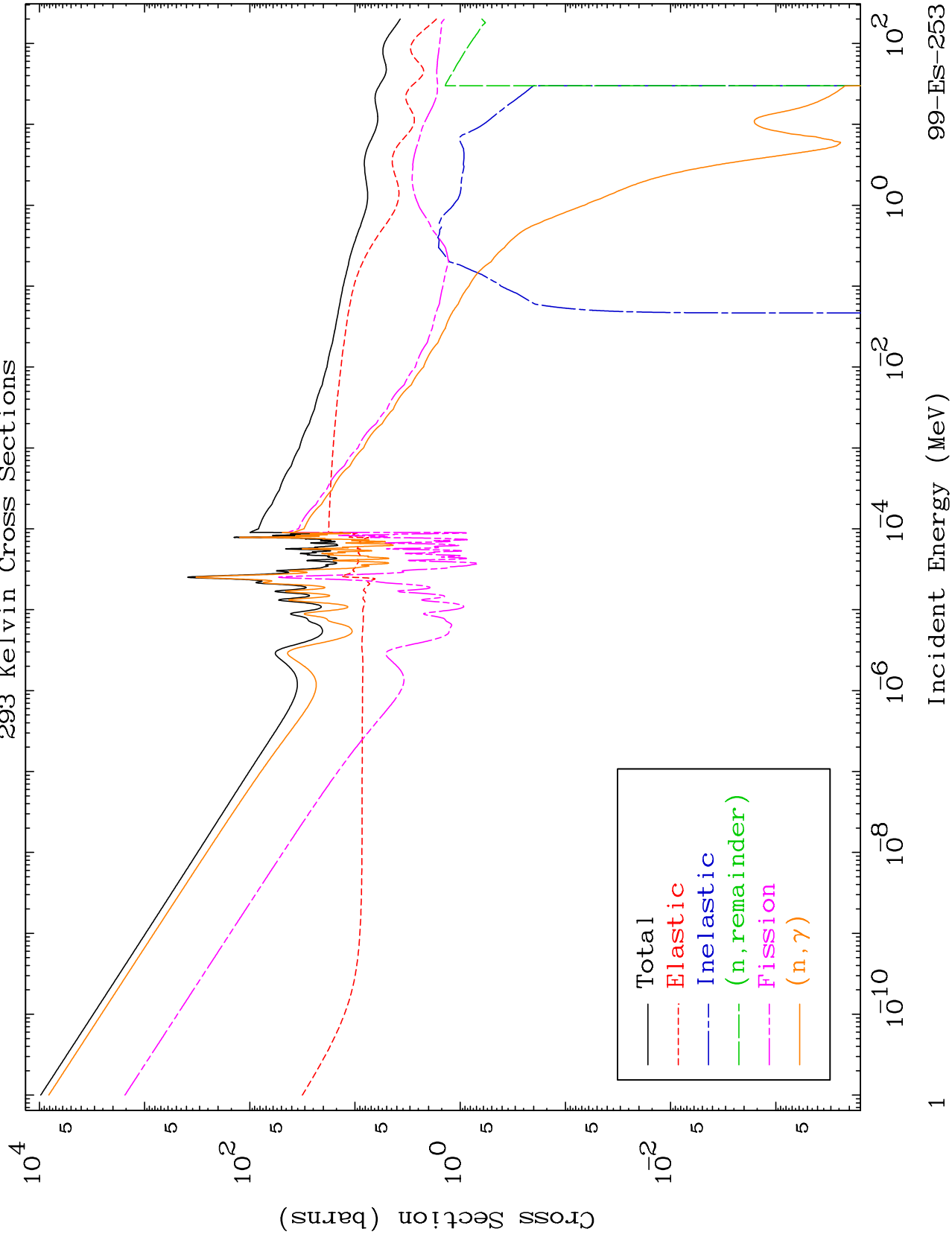
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9913

Major
293 Kelvin Cross Sections

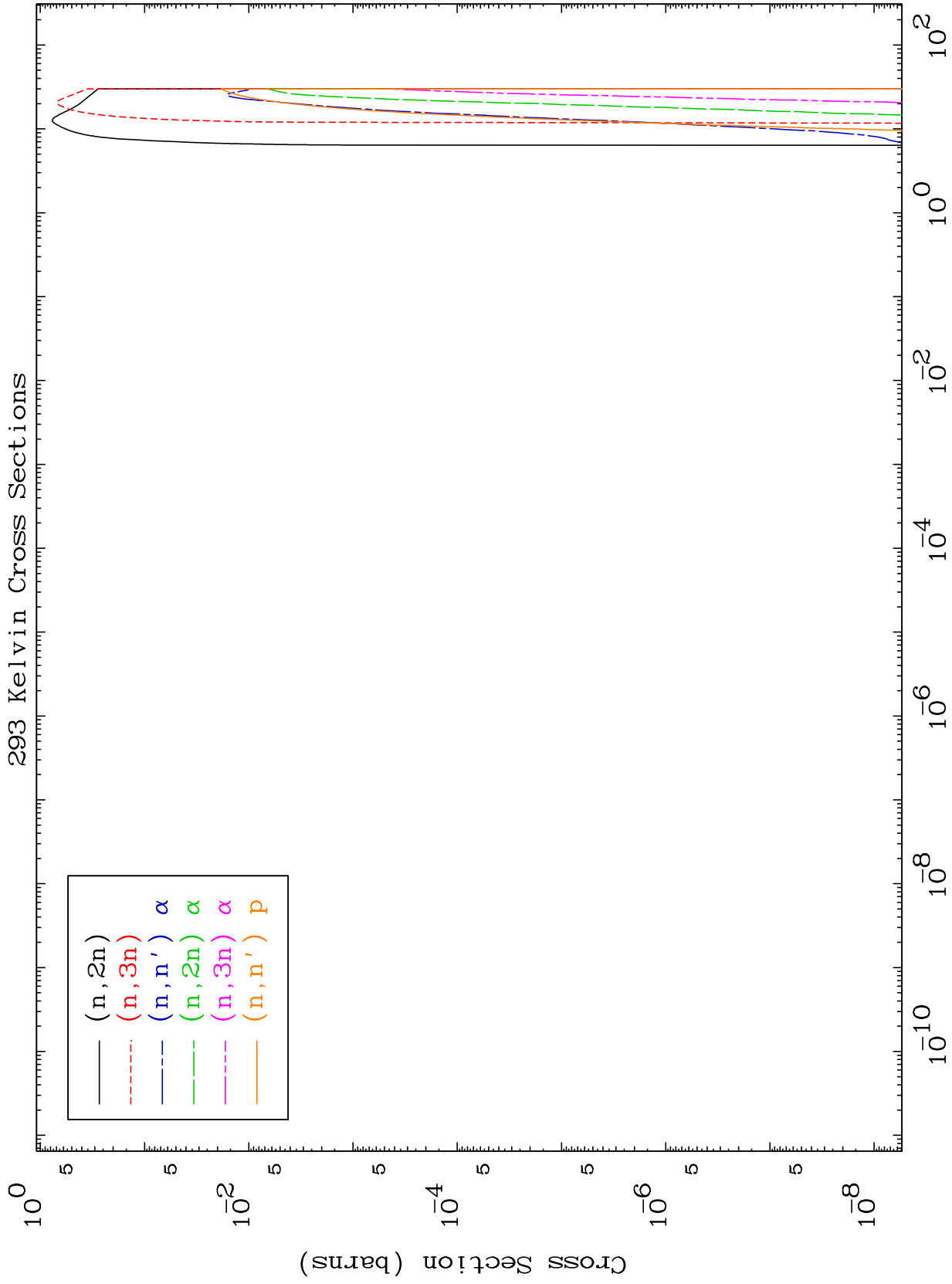
99-Es-253



MAT 9913

Neutron Production
293 Kelvin Cross Sections

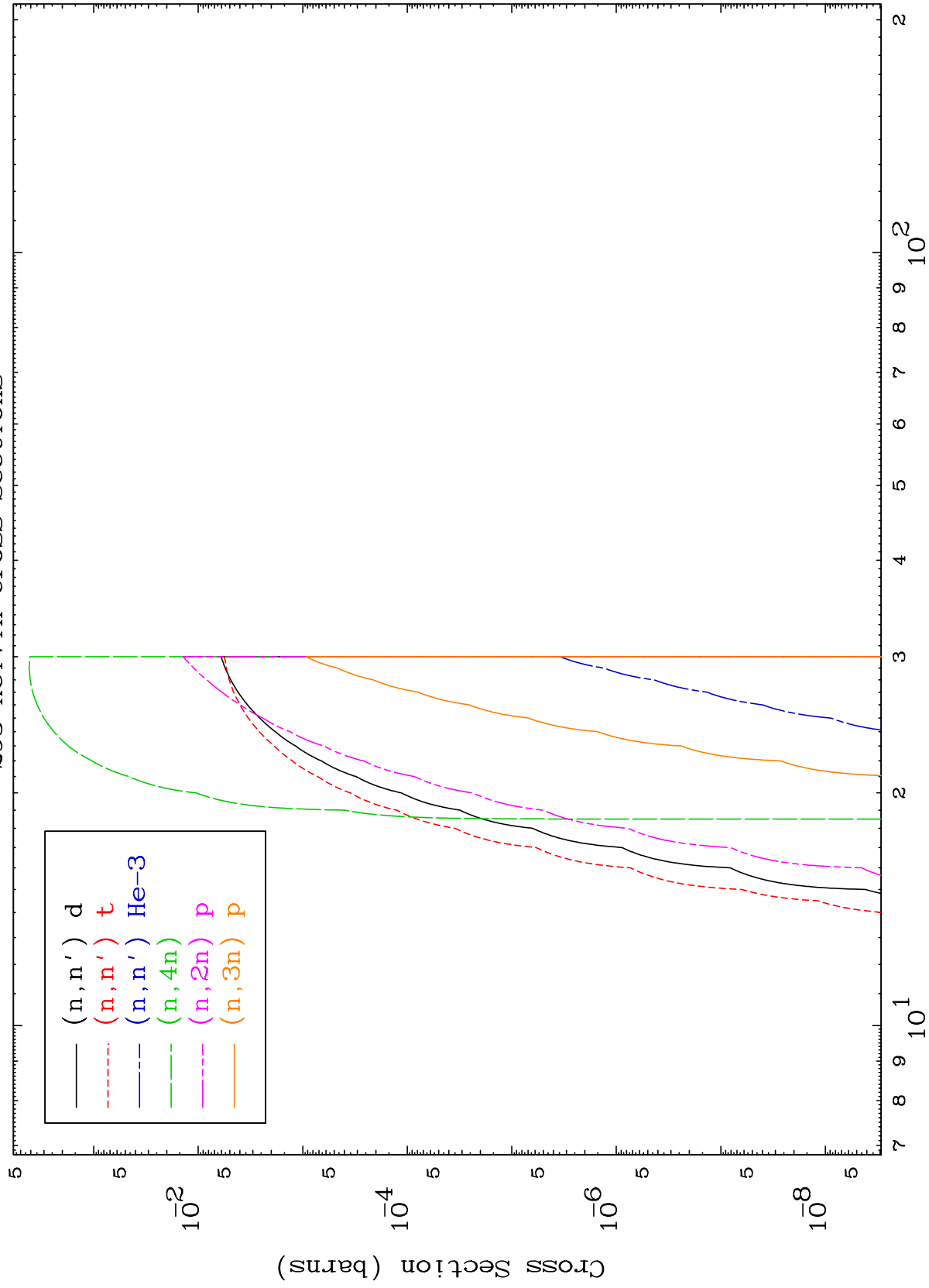
99-Es-253



MAT 9913

Neutron Production
293 Kelvin Cross Sections

99-Es-253



3

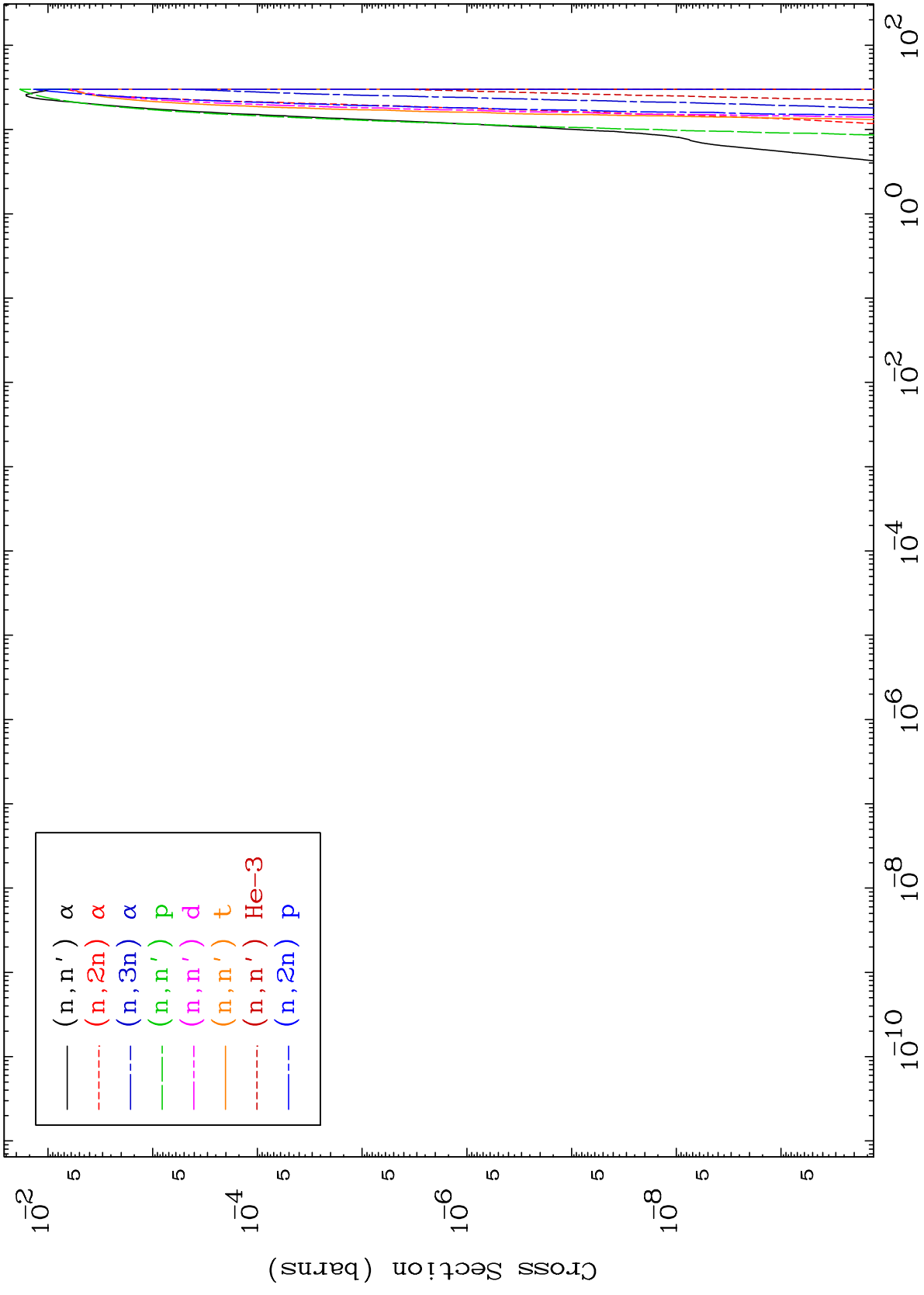
Incident Energy (MeV)

99-Es-253

MAT 9913

Charged Particle
293 Kelvin Cross Sections

99-Es-253



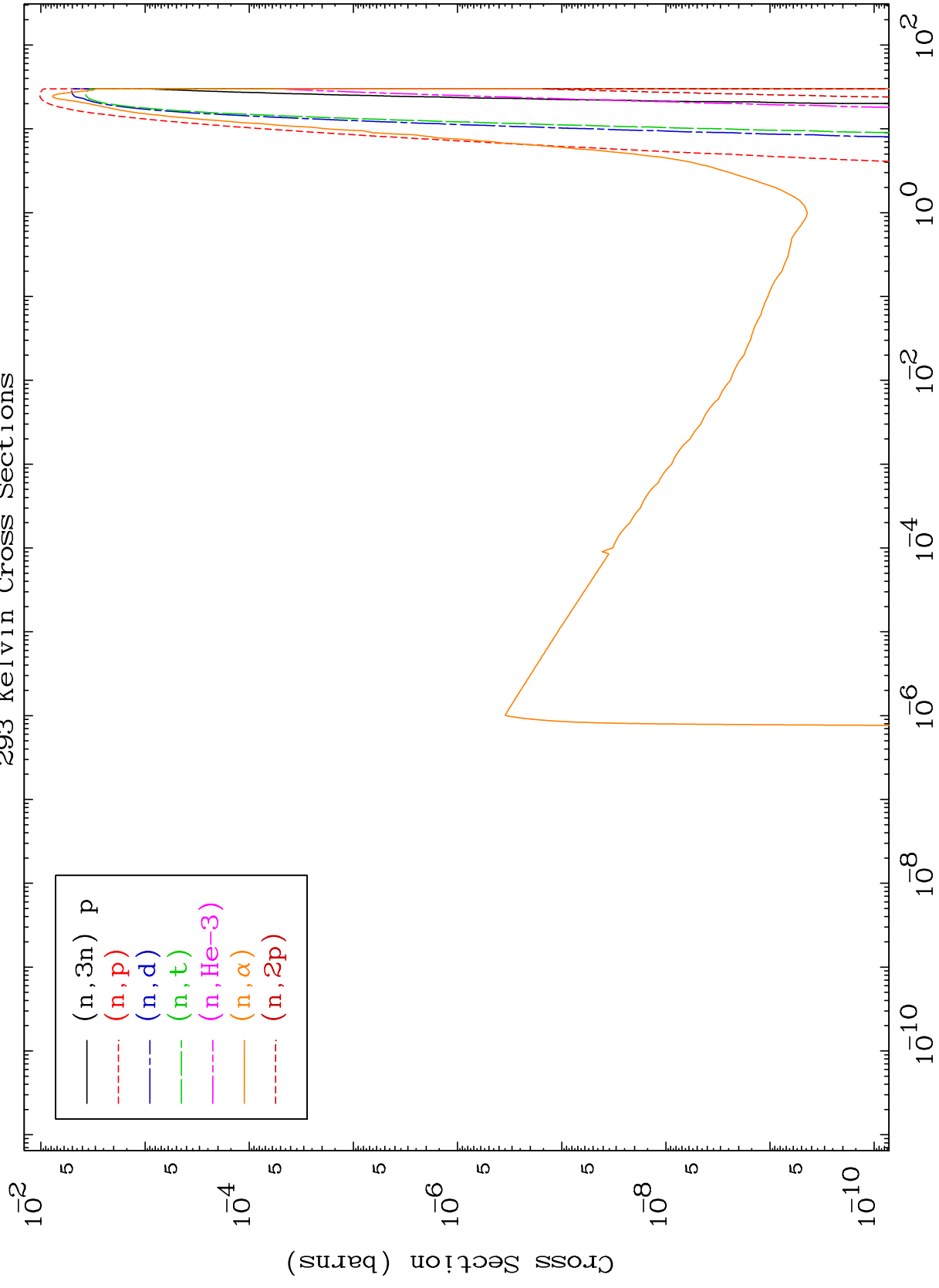
99-Es-253

Incident Energy (MeV)

MAT 9913

Charged Particle
293 Kelvin Cross Sections

99-Es-253



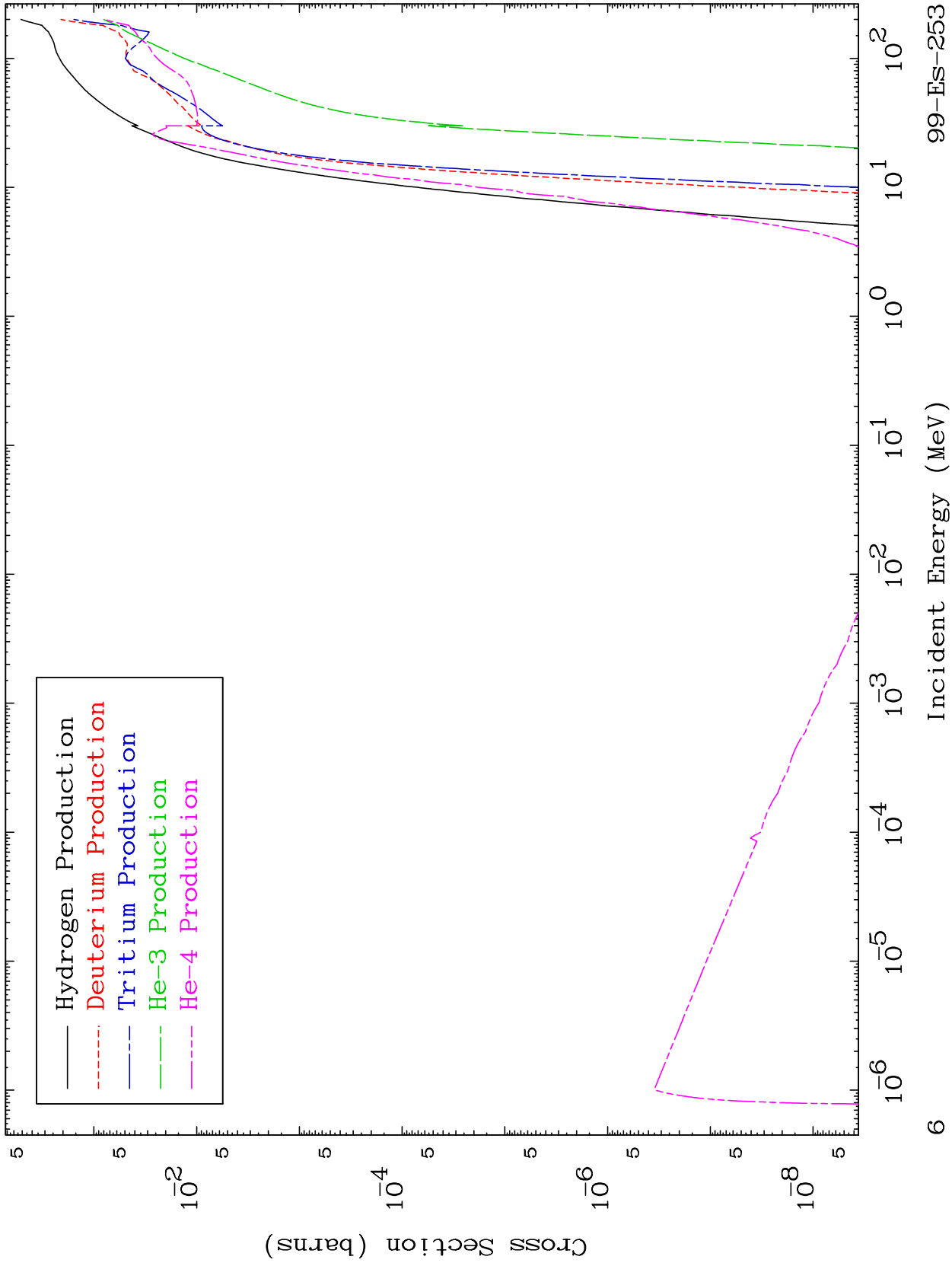
5

99-Es-253

MAT 9913

Particle Production
293 Kelvin Cross Sections

99-Es-253



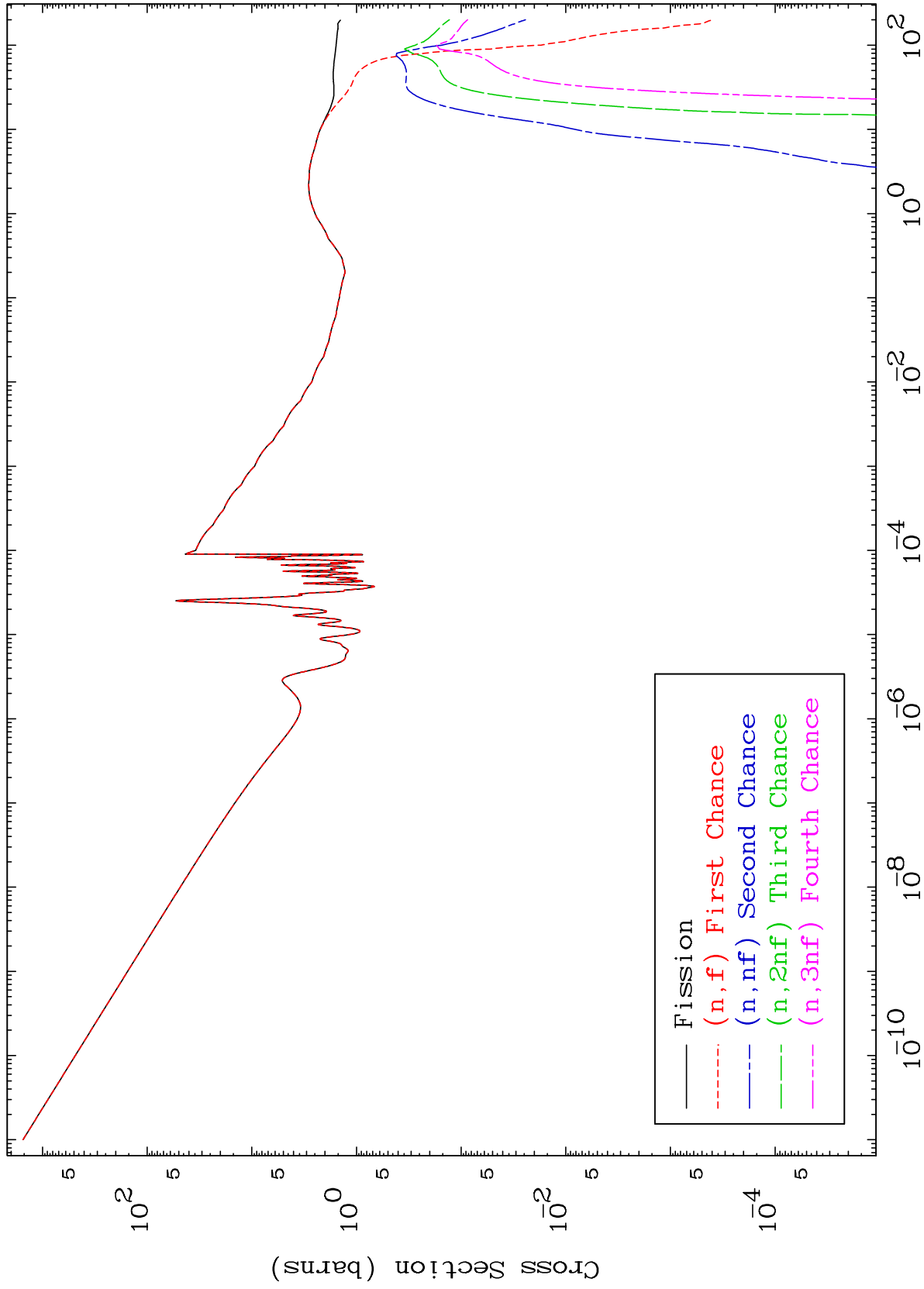
6

99-Es-253

MAT 9913

Fission
293 Kelvin Cross Sections

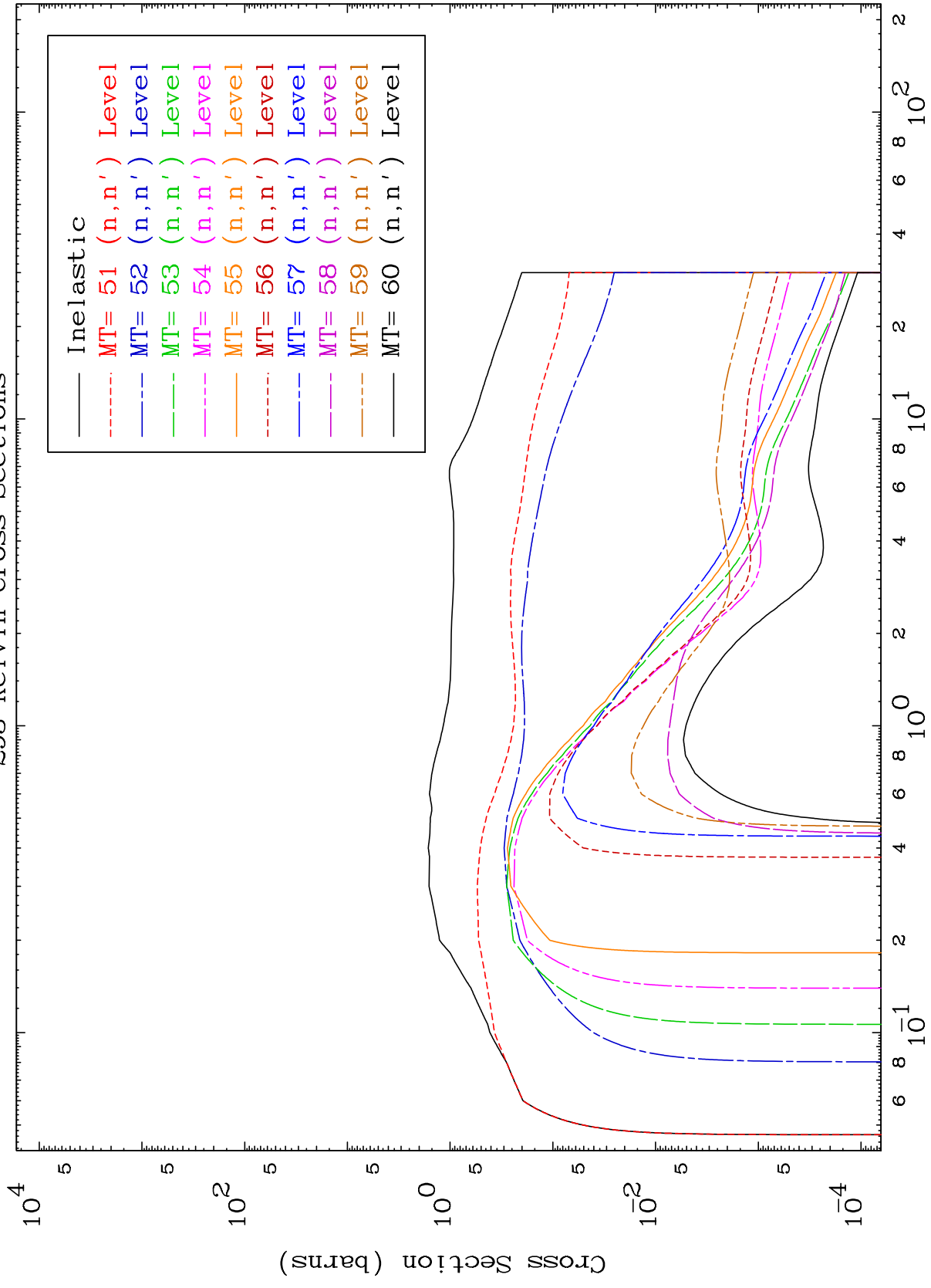
99-Es-253



MAT 9913

(n,n') Level
293 Kelvin Cross Sections

99-Es-253

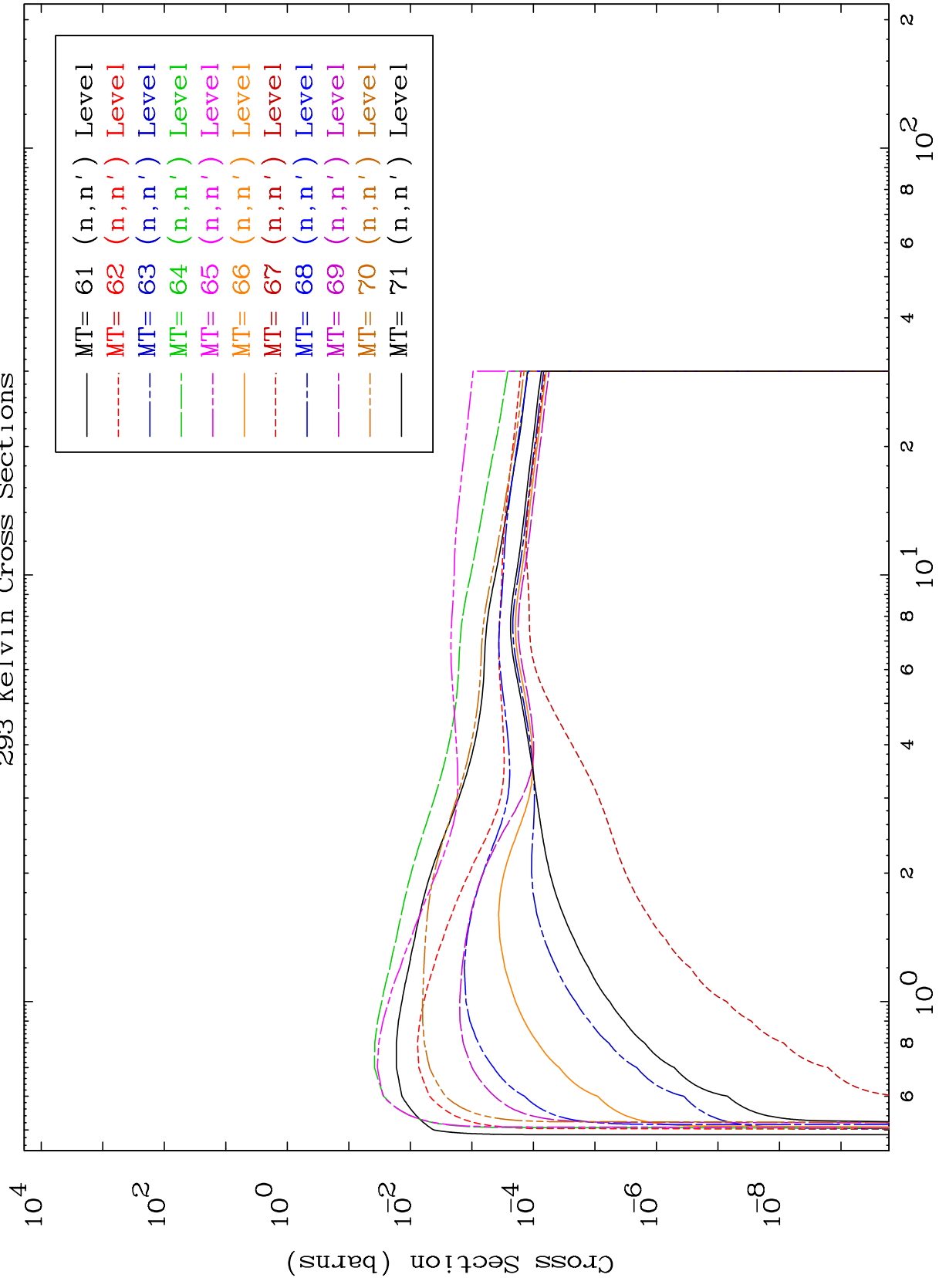


MAT 9913

(n,n') Level

99-Es-253

293 Kelvin Cross Sections



9

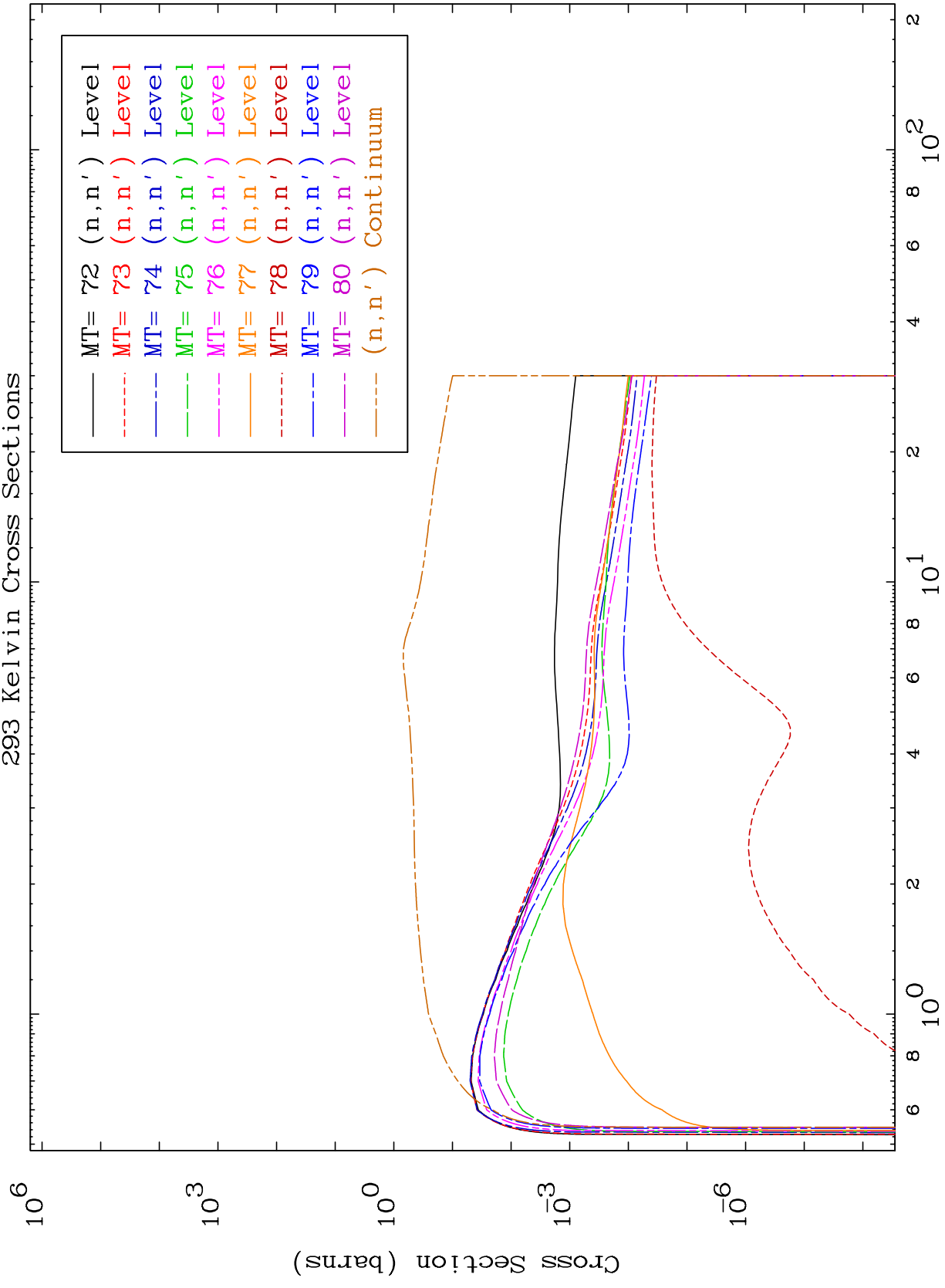
Incident Energy (MeV)

99-Es-253

MAT 9913

(n,n') Level
293 Kelvin Cross Sections

99-Es-253



99-Es-253

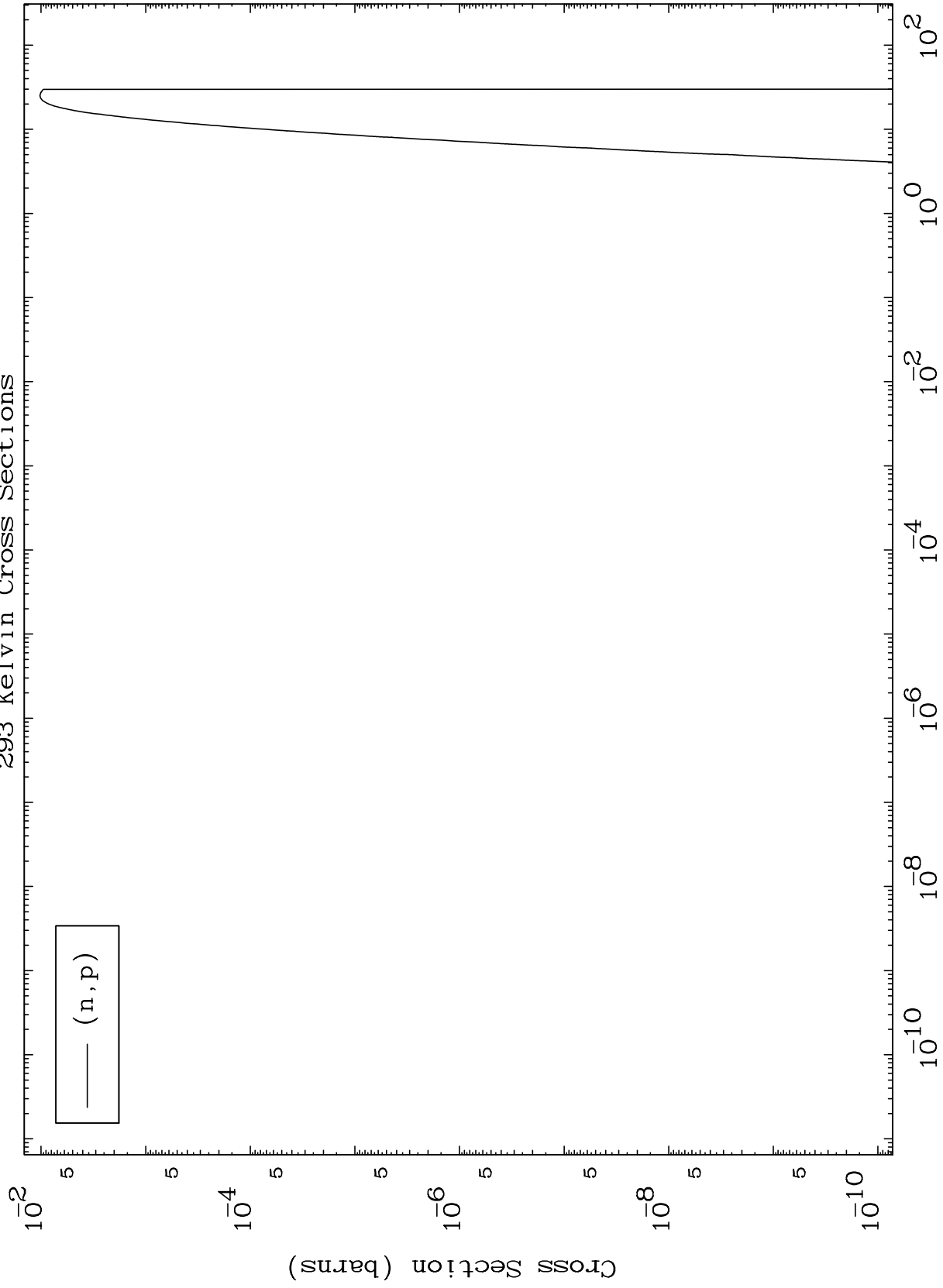
Incident Energy (MeV)

10

MAT 9913

(n,p) Levels
293 Kelvin Cross Sections

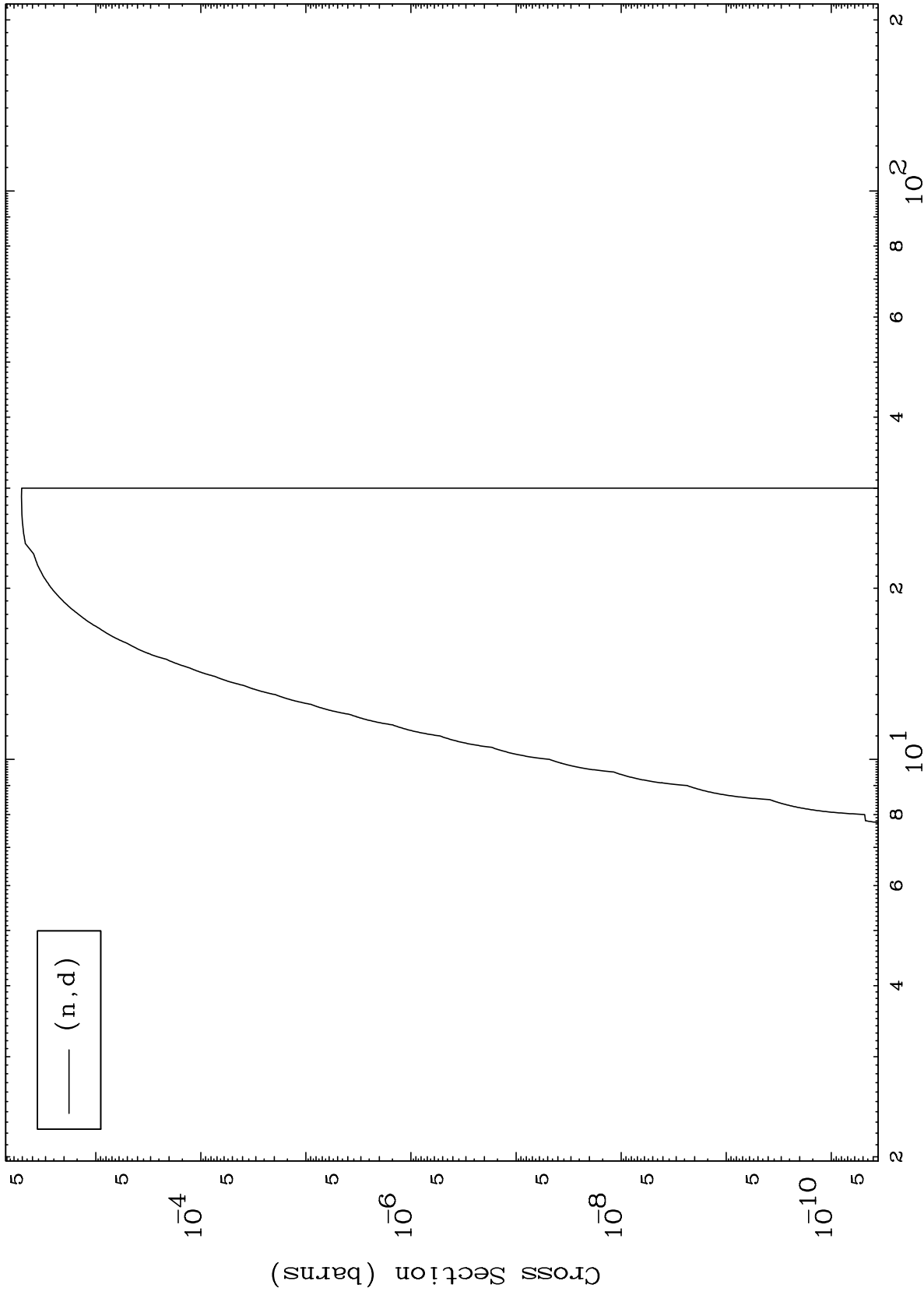
99-Es-253



MAT 9913

(n,d) Levels
293 Kelvin Cross Sections

99-Es-253



12

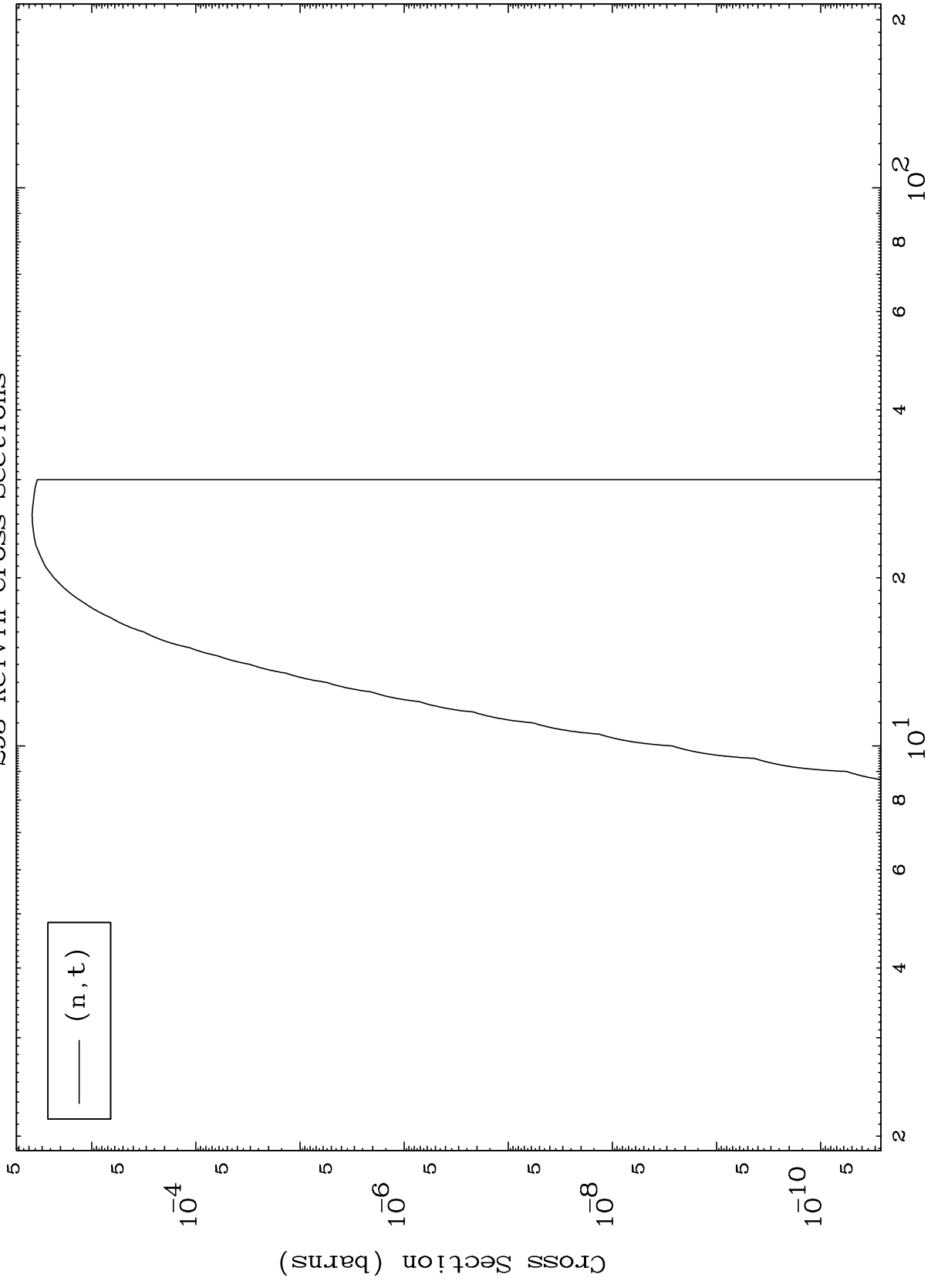
Incident Energy (MeV)

99-Es-253

MAT 9913

(n,t) Levels
293 Kelvin Cross Sections

99-Es-253



(n,t)

13

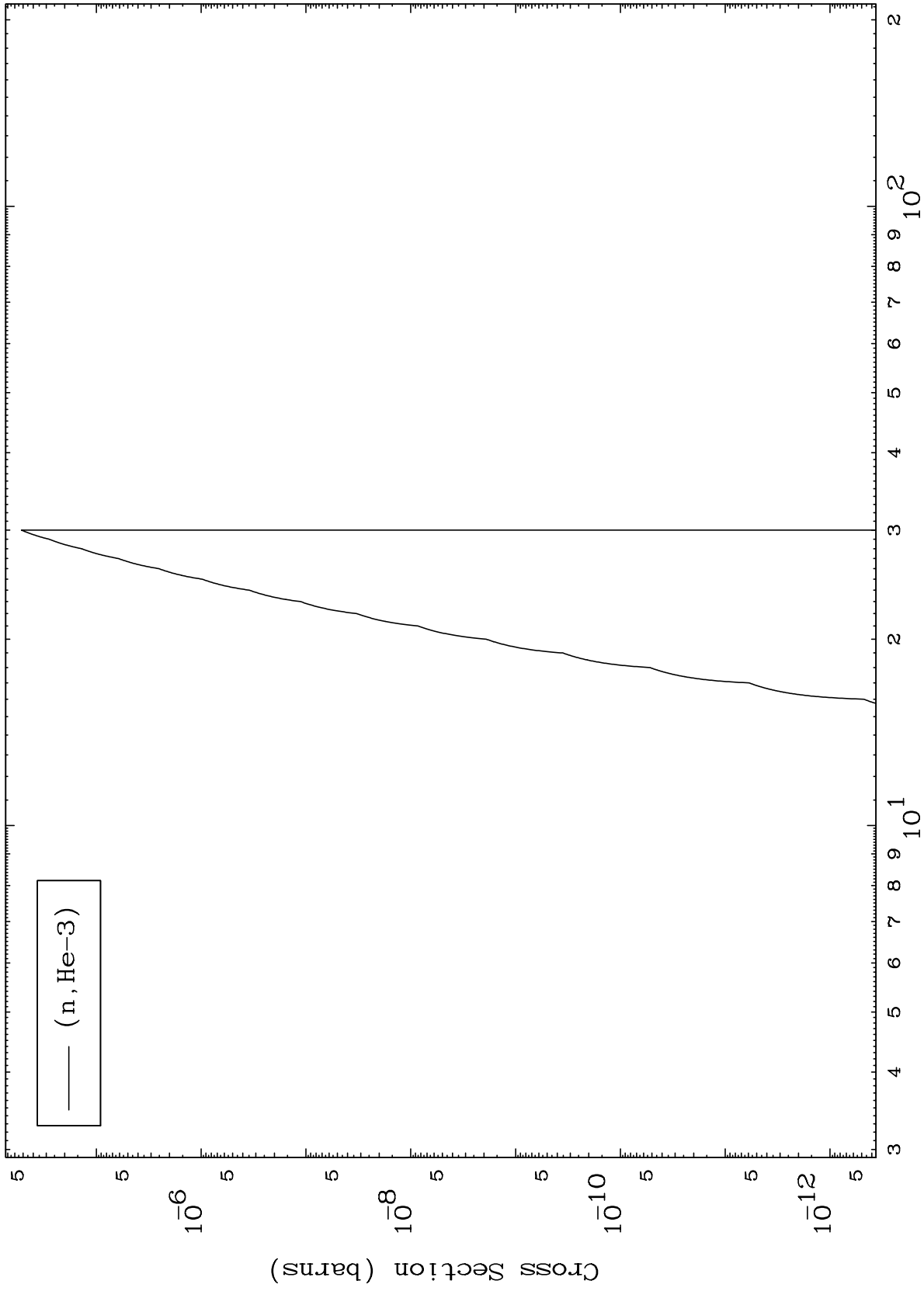
Incident Energy (MeV)

99-Es-253

MAT 9913

(n,He3) Levels
293 Kelvin Cross Sections

99-Es-253



14

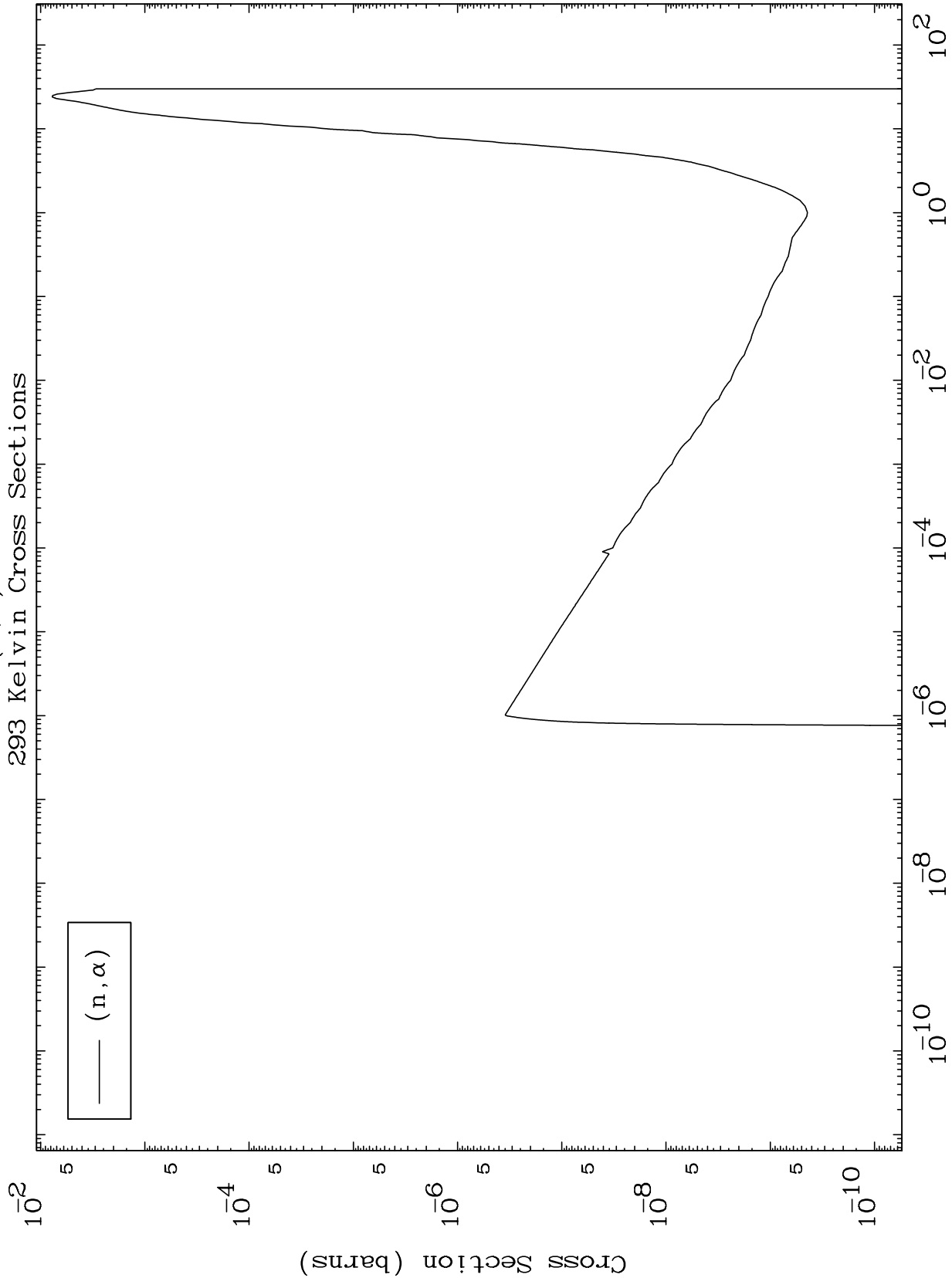
Incident Energy (MeV)

99-Es-253

MAT 9913

(n,α) Levels
293 Kelvin Cross Sections

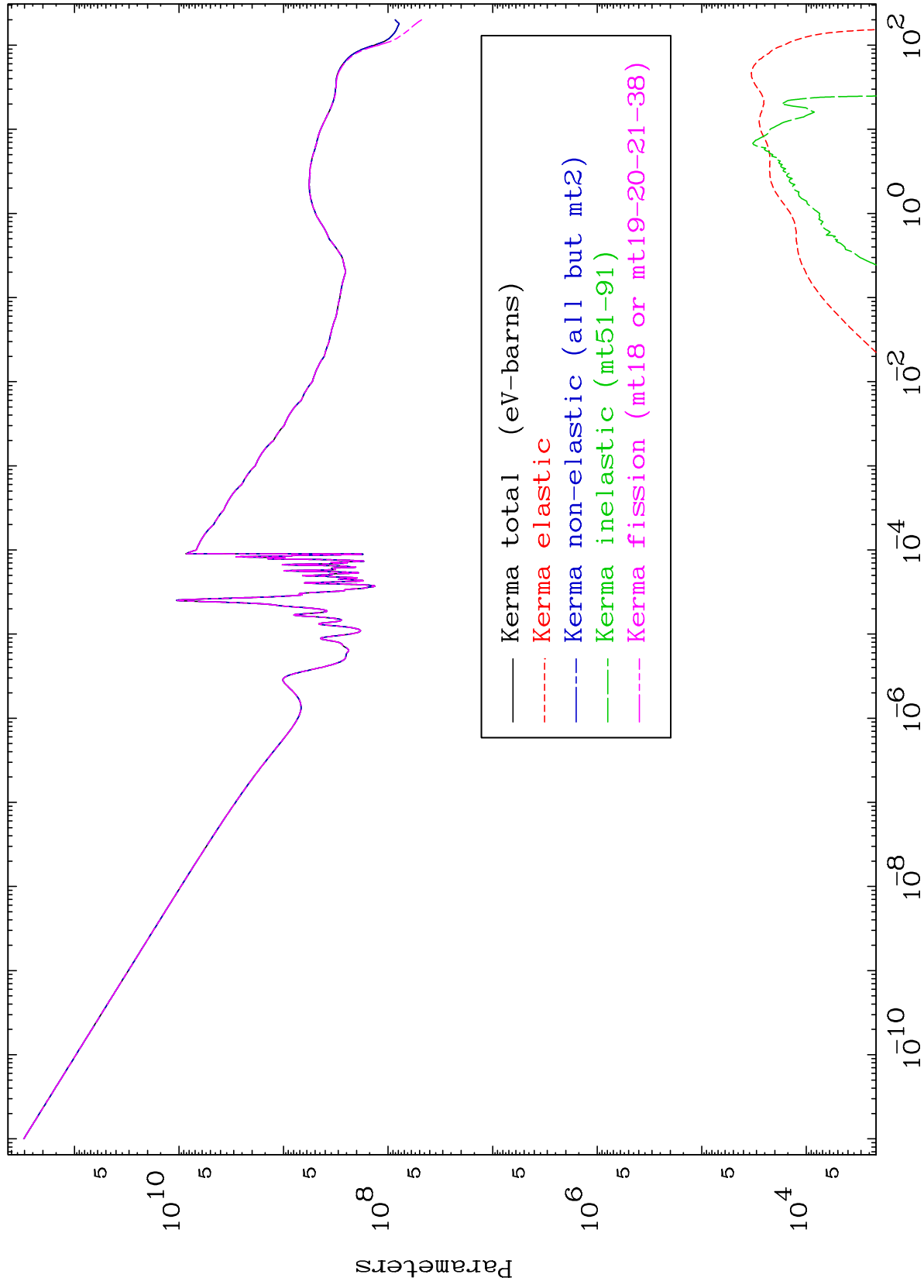
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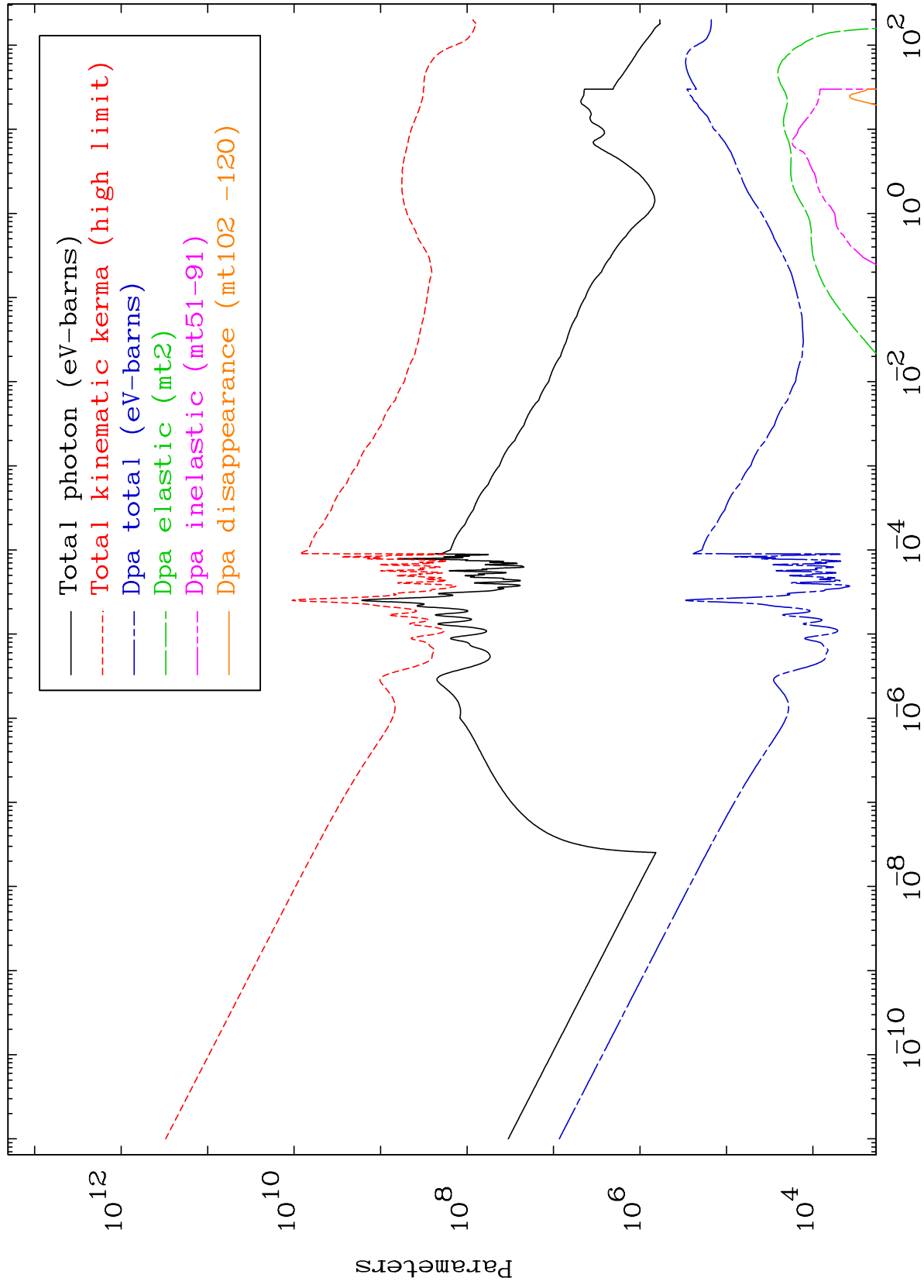


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Incident Energy (MeV)

99-Es-253

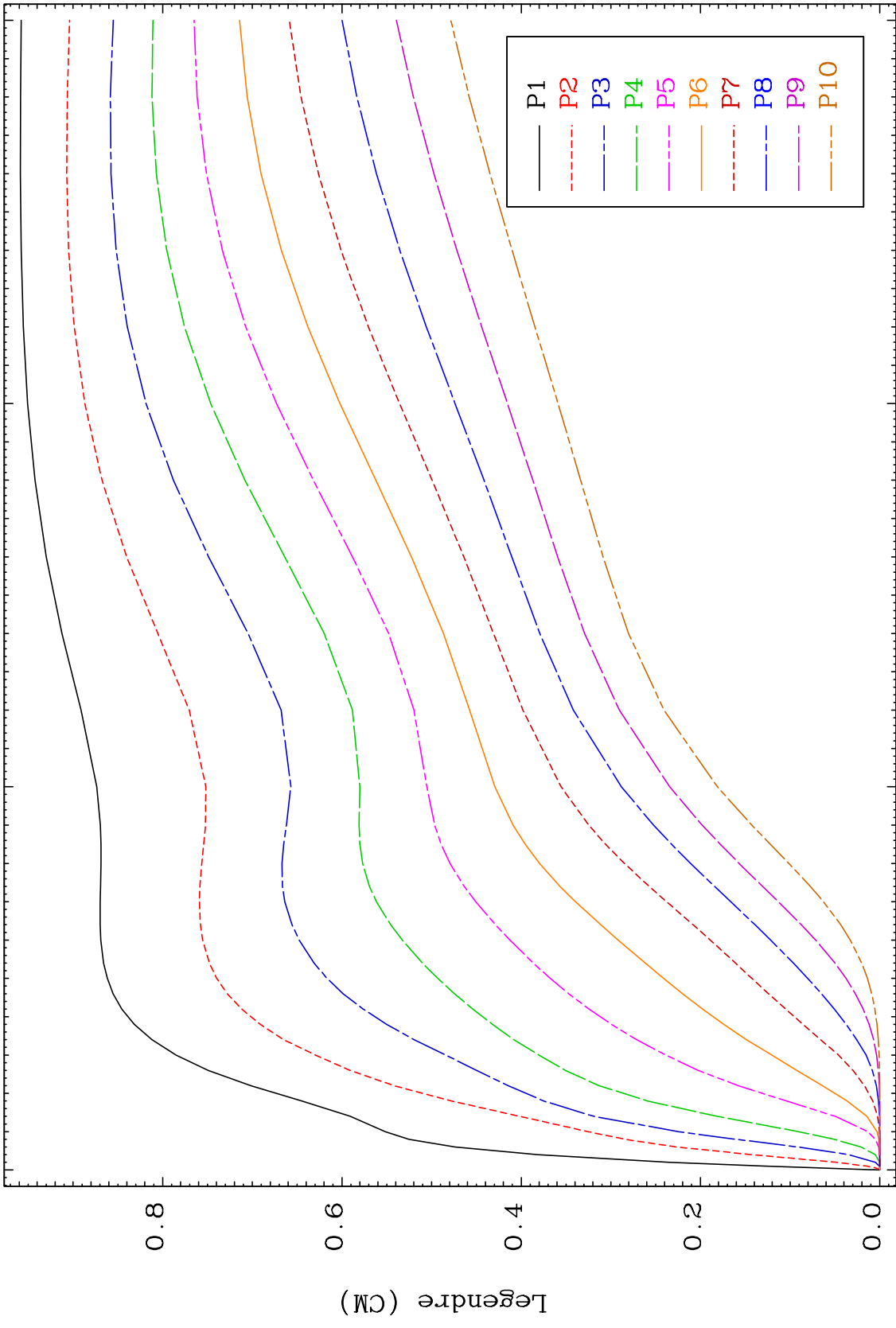




MAT 9913

99-Es-253

Elastic Legendre Coefficients



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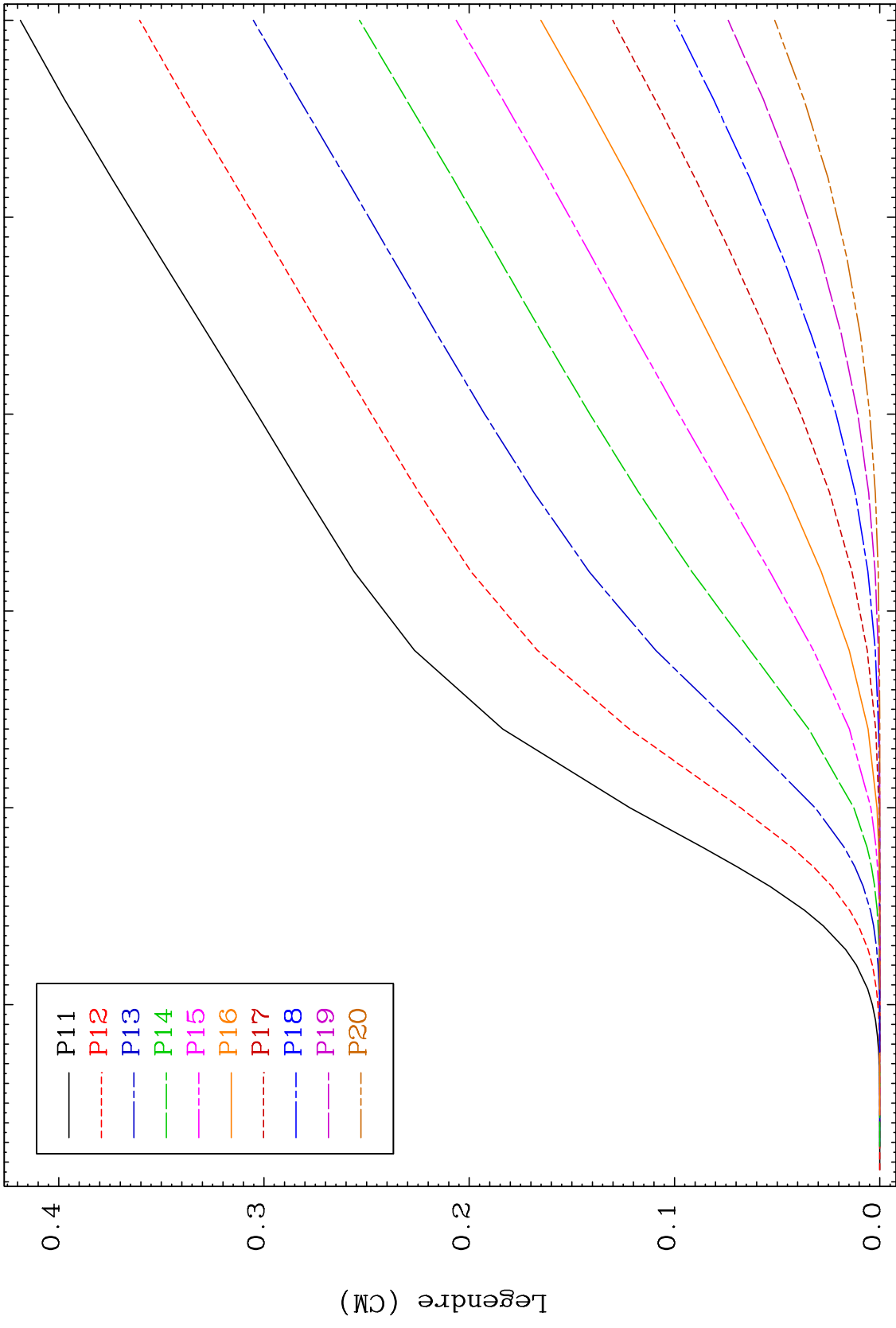
Incident Energy (MeV)

99-Es-253

MAT 9913

Elastic Legendre Coefficients

99-Es-253



19

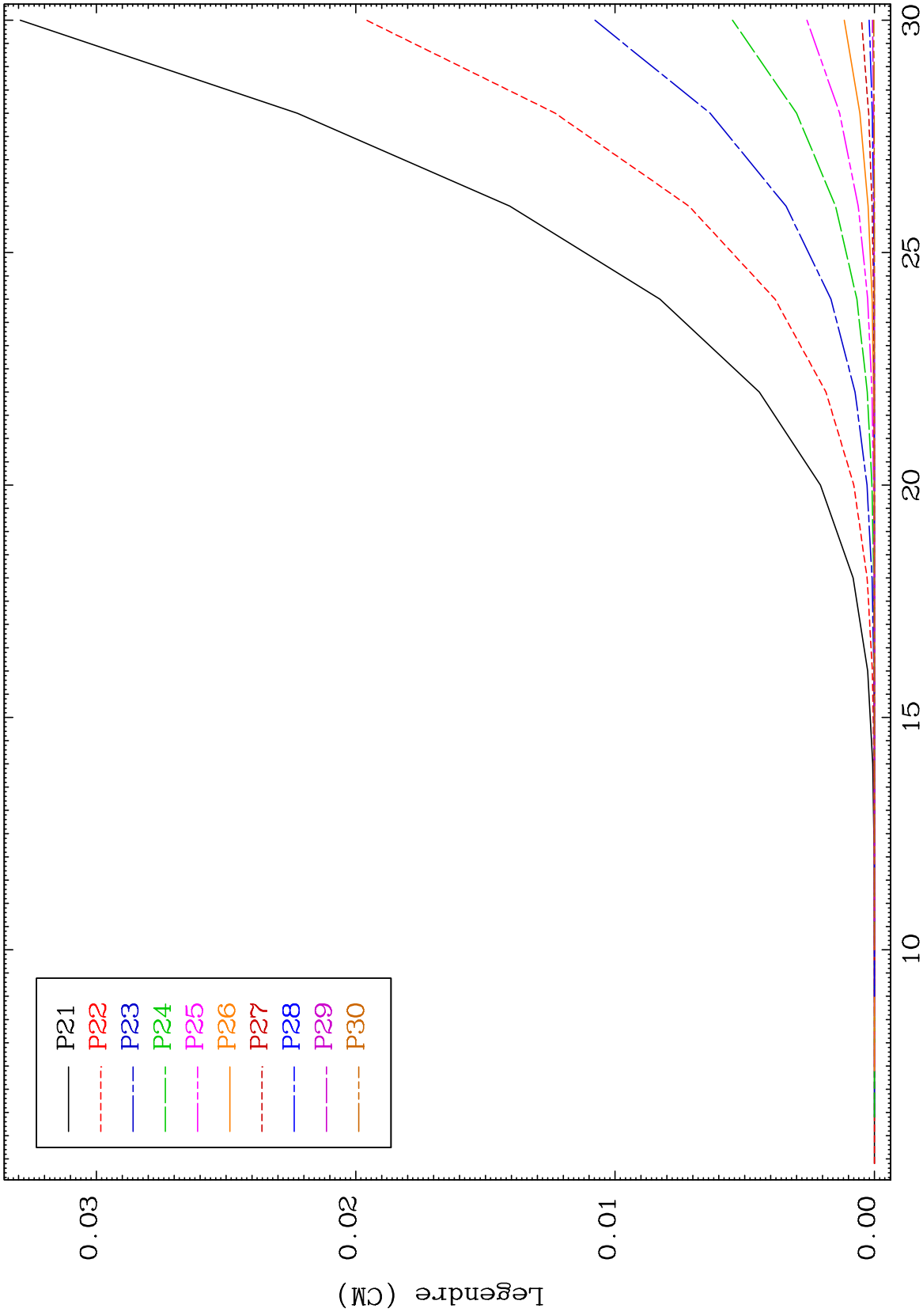
Incident Energy (MeV)

99-Es-253

MAT 9913

Elastic Legendre Coefficients

99-Es-253



20

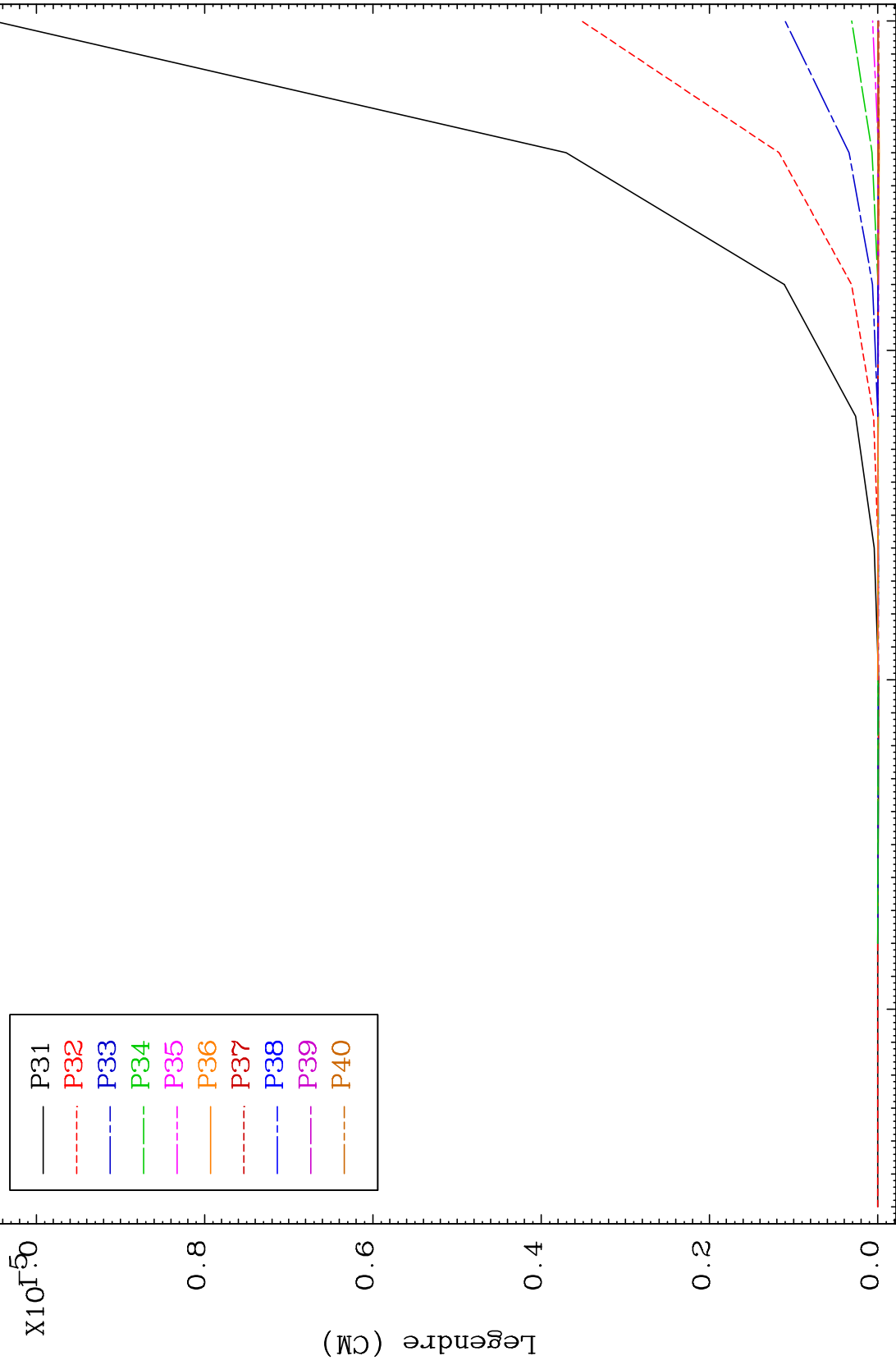
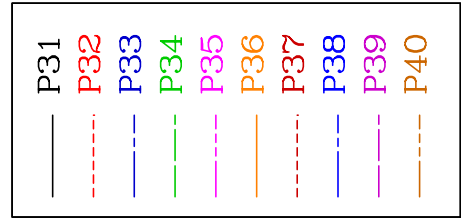
Incident Energy (MeV)

99-Es-253

MAT 9913

Elastic Legendre Coefficients

99-Es-253



21

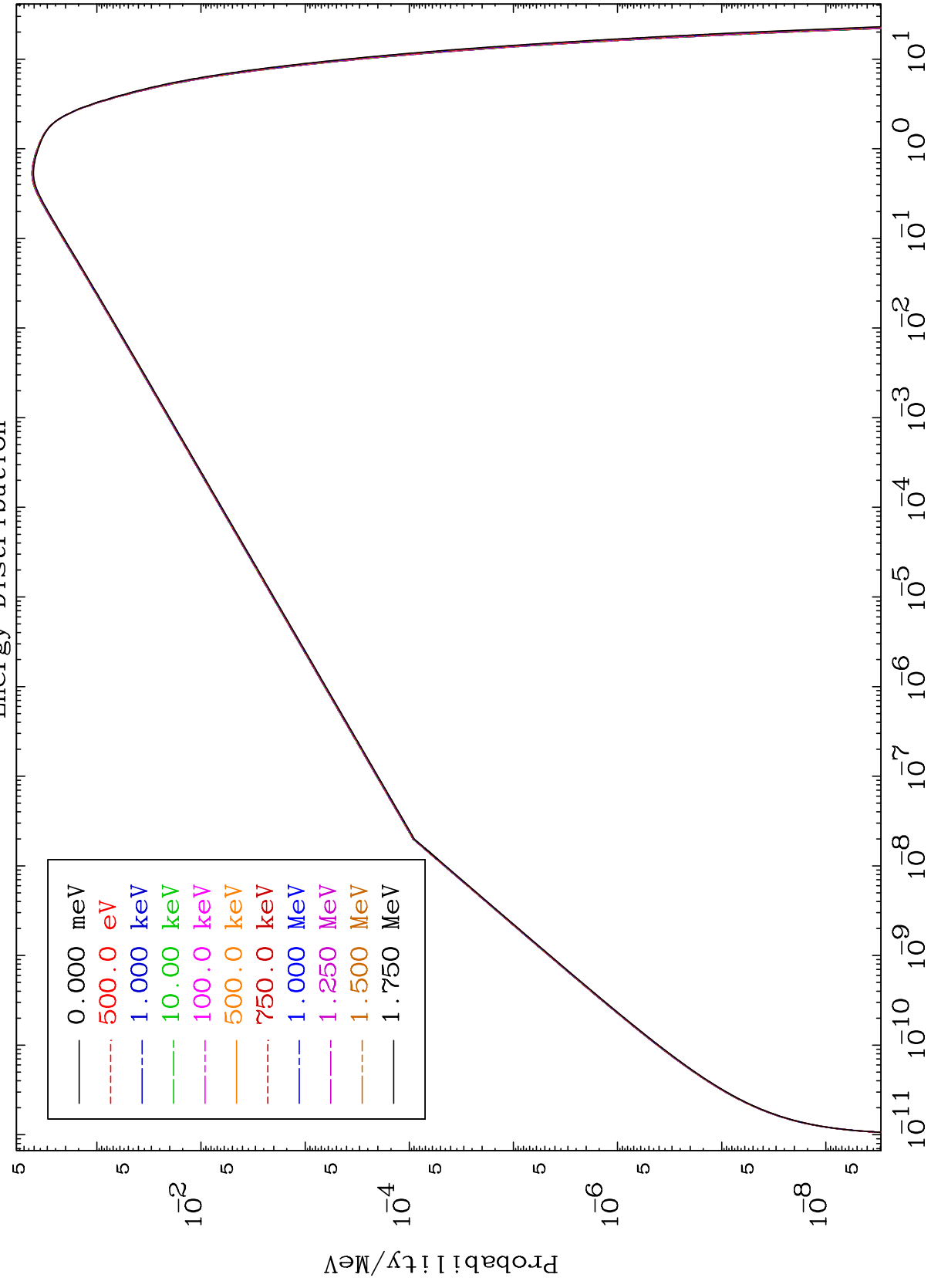
Incident Energy (MeV)

99-Es-253

MAT 9913

Fission Energy Distribution

99-Es-253



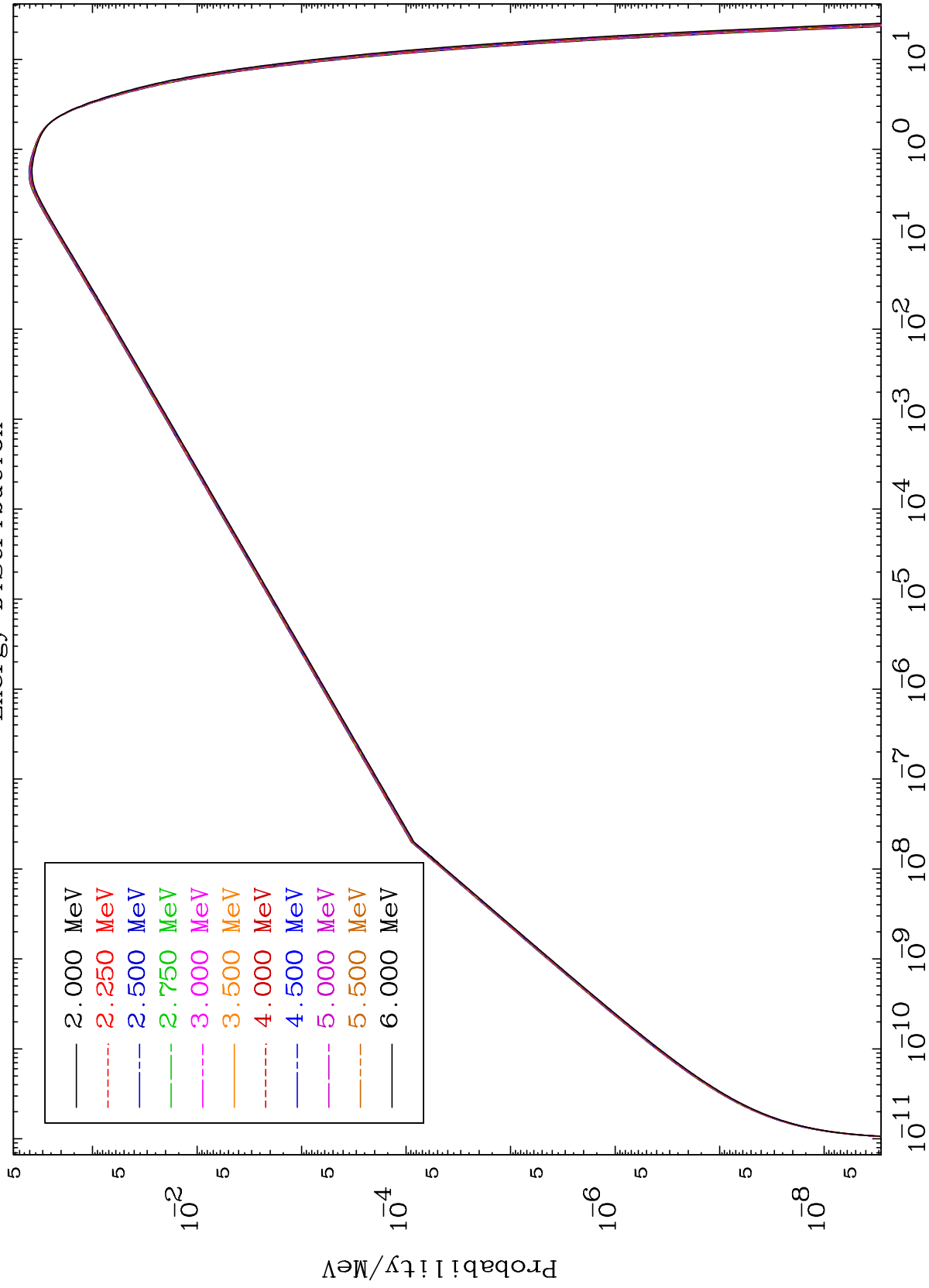
99-Es-253

Secondary Energy (MeV)

MAT 9913

Fission Energy Distribution

99-Es-253

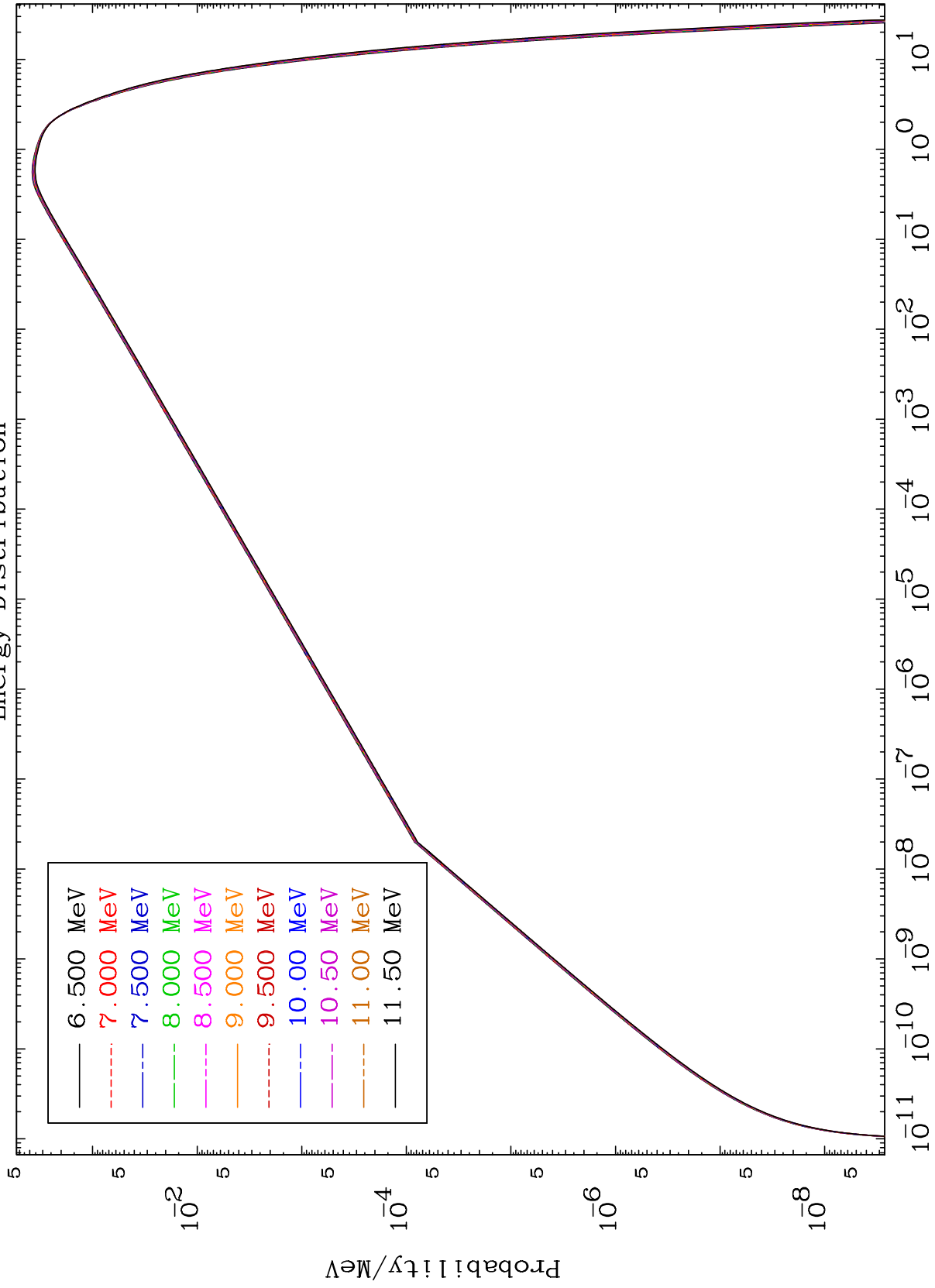


99-Es-253

MAT 9913

Fission Energy Distribution

99-Es-253

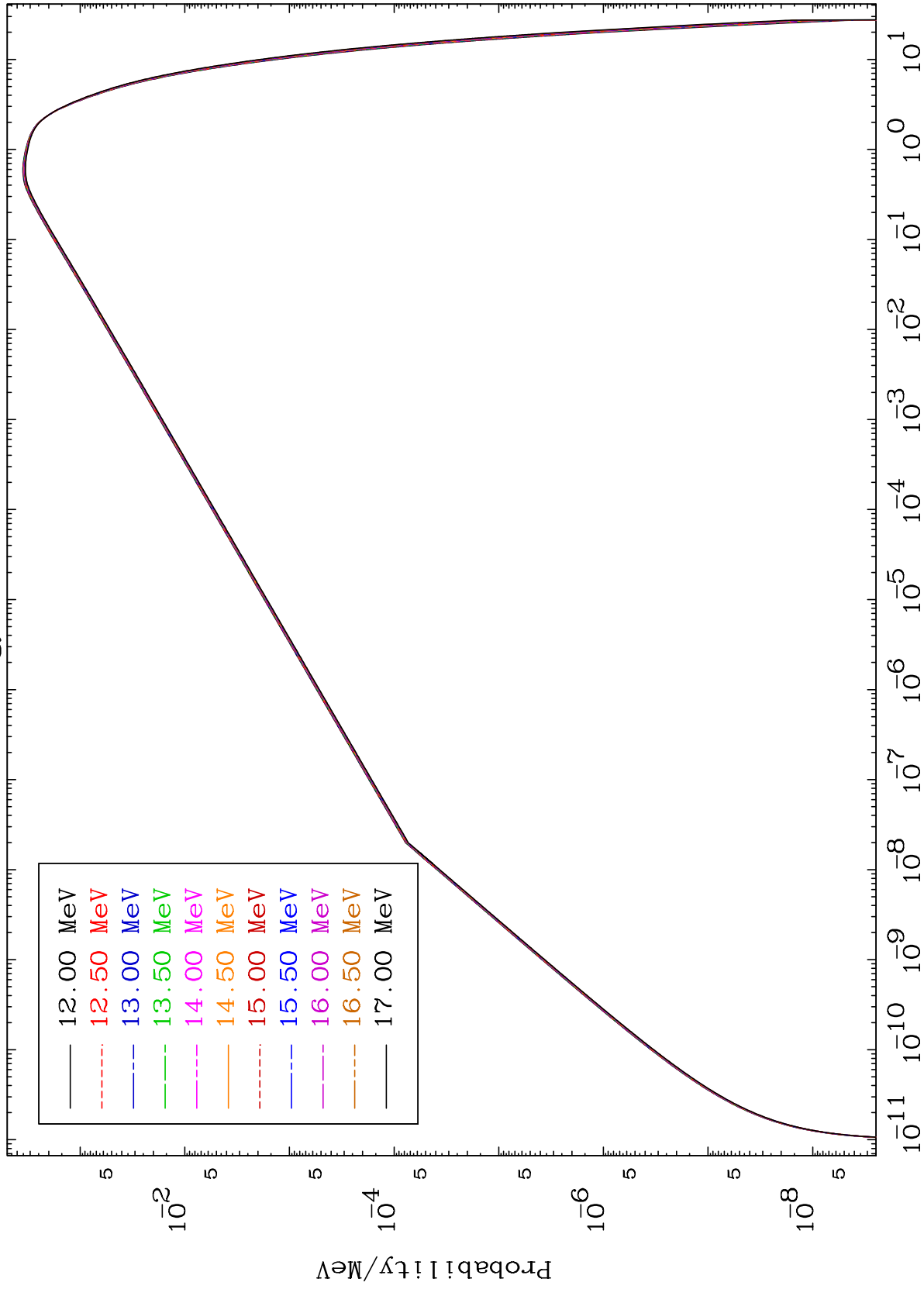


99-Es-253

MAT 9913

Fission Energy Distribution

99-Es-253



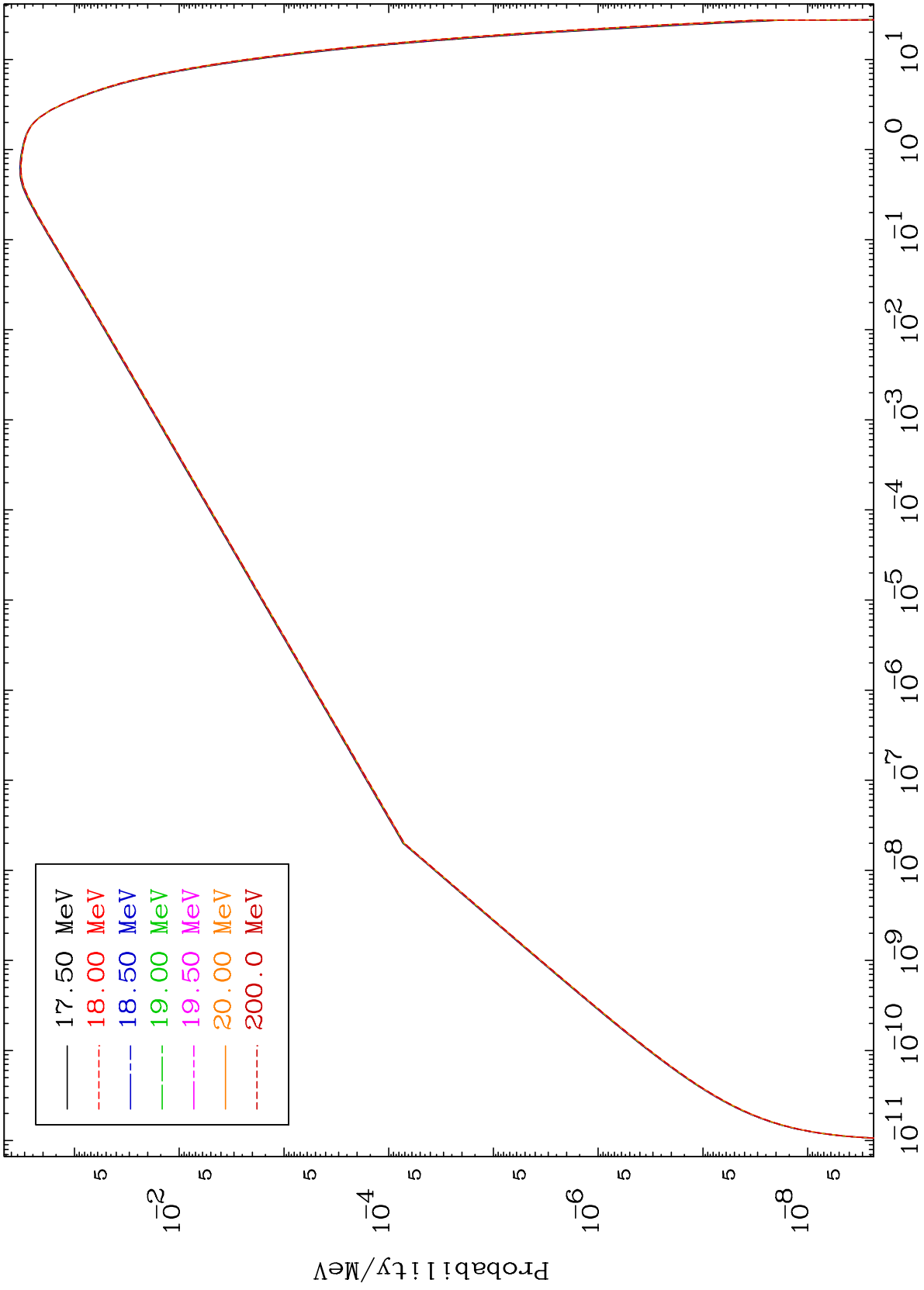
25

99-Es-253

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Fission Energy Distribution

99-Es-253



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

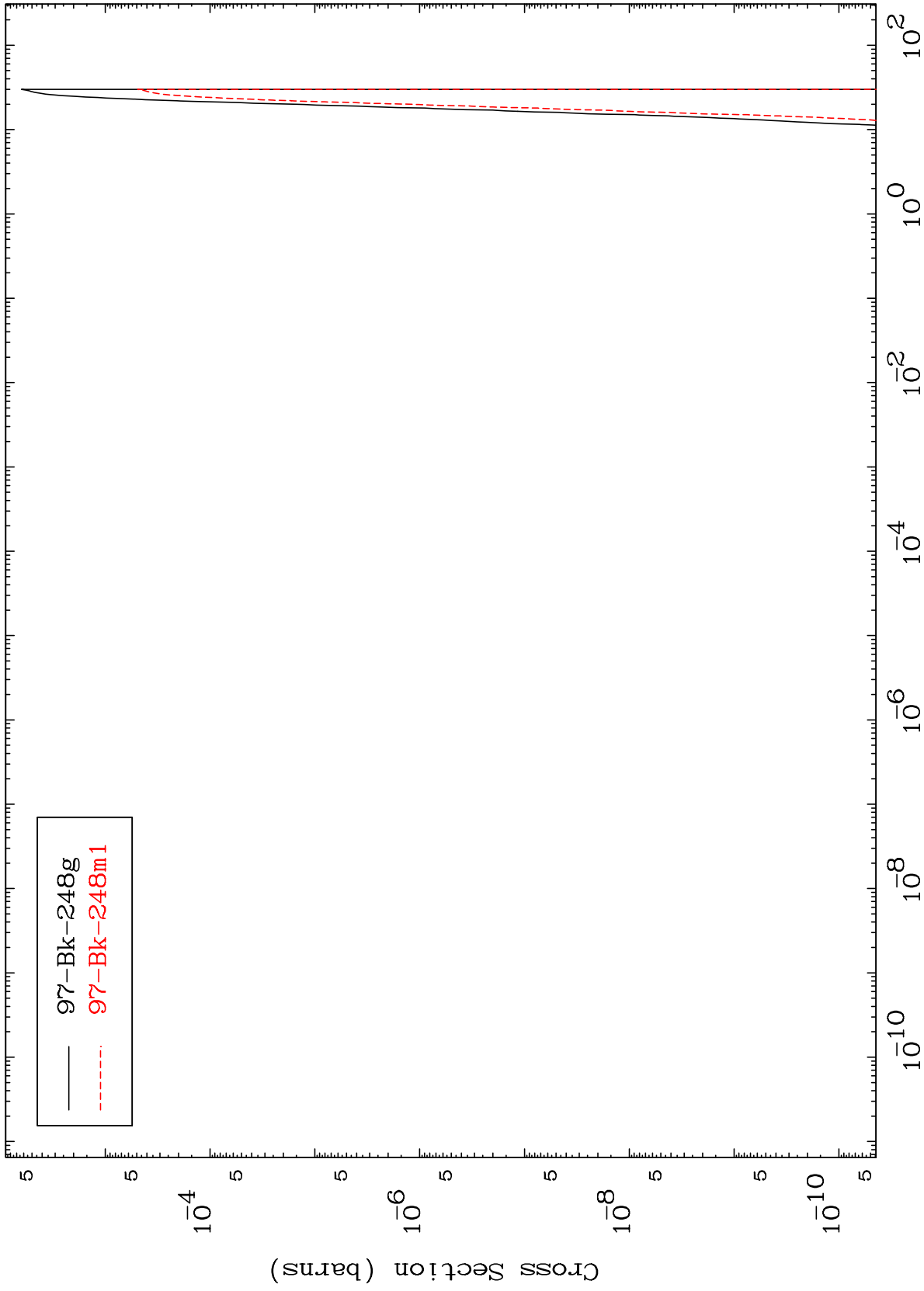
99-Es-253

MAT 9913

(n,2n) α

99-Es-253

Radionuclide Production Cross Section



27

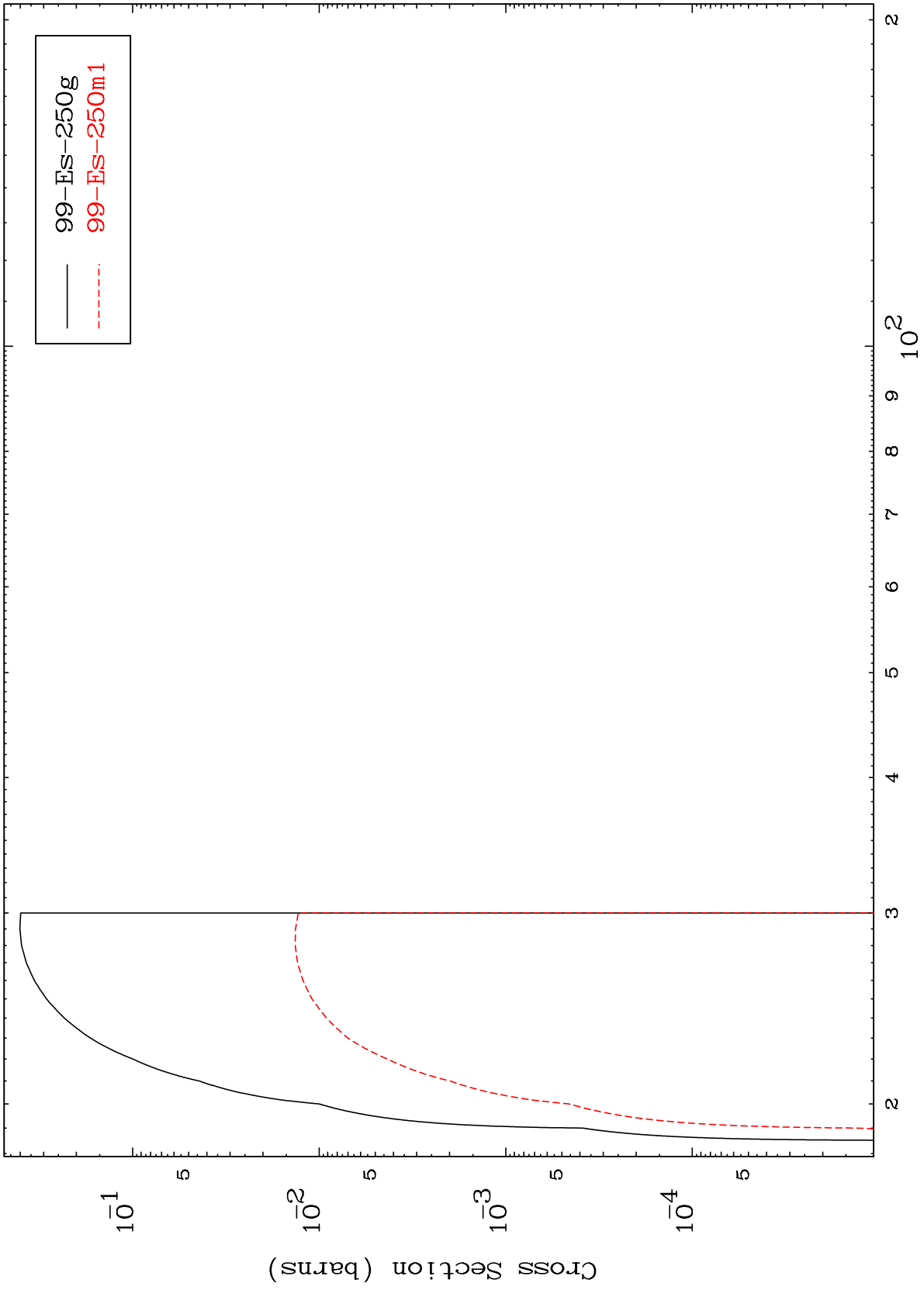
Incident Energy (MeV)

99-Es-253

MAT 9913

99-Es-253

(n,4n)
Radionuclide Production Cross Section



28

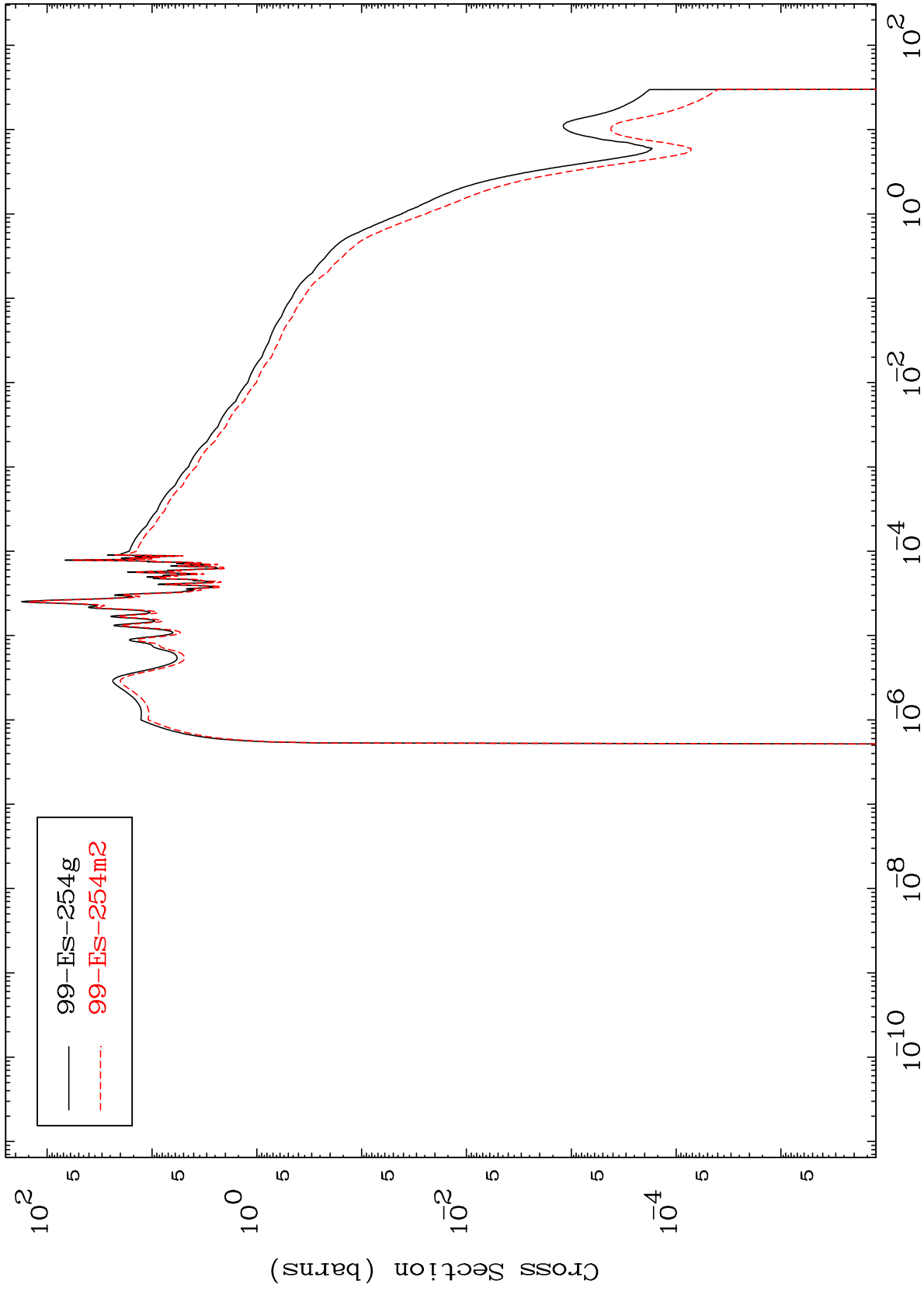
Incident Energy (MeV)

99-Es-253

MAT 9913

99-Es-253

(n, γ)
Radionuclide Production Cross Section



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99-Es-253