

Program EVALPLOT
(Version 2018-1)

by

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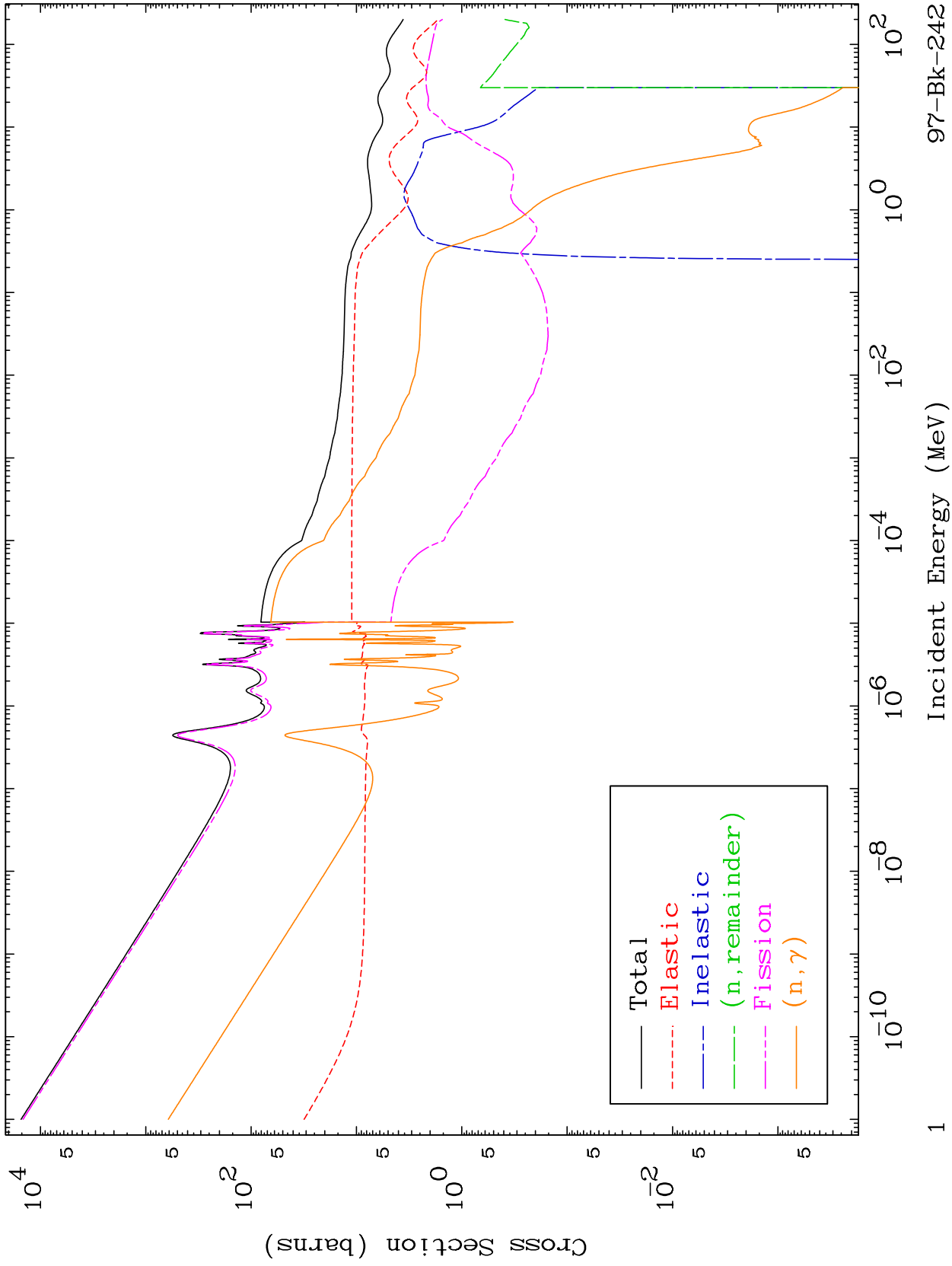
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9731

Major
293 Kelvin Cross Sections

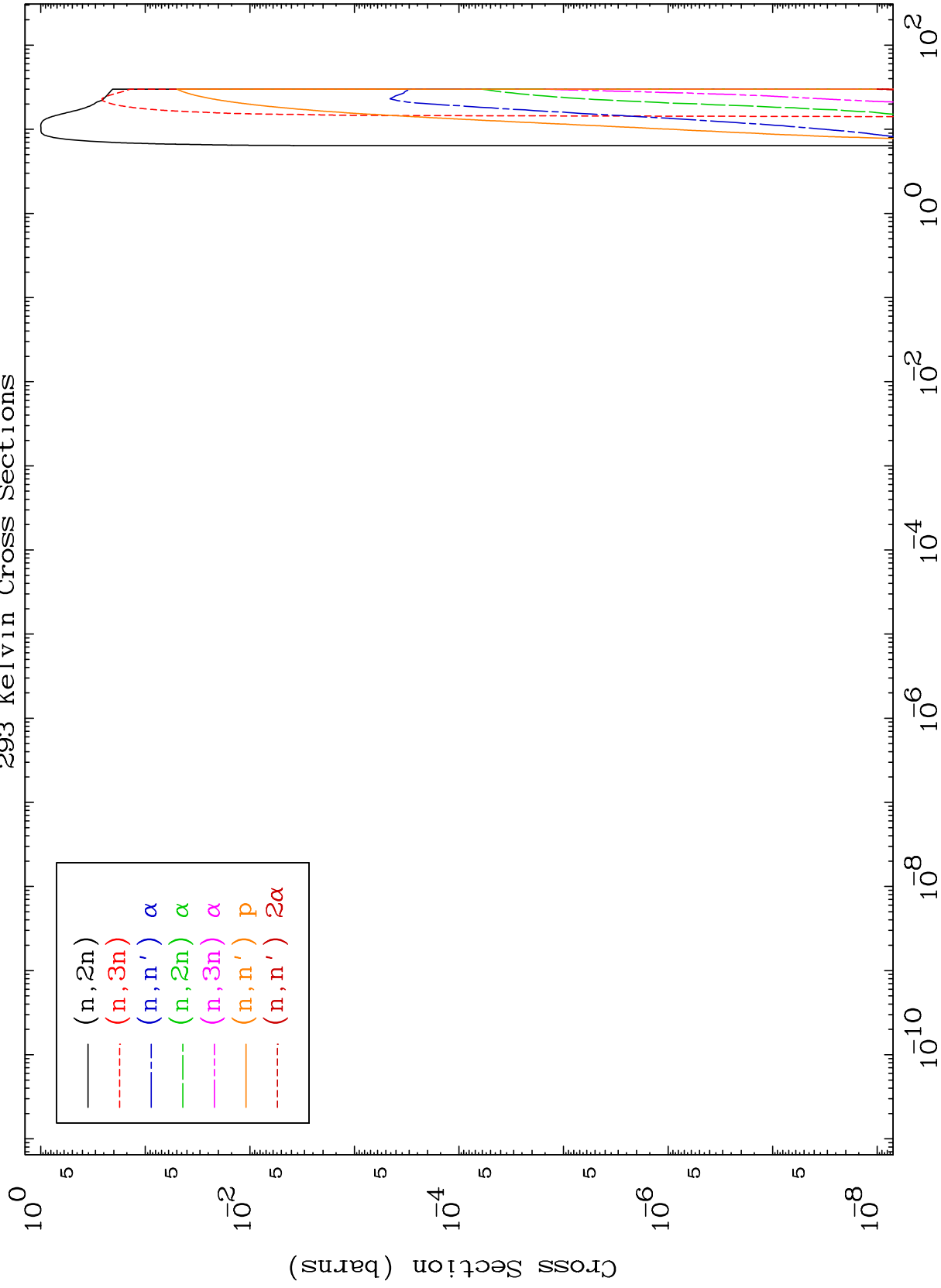
97-Bk-242



MAT 9731

Neutron Production
293 Kelvin Cross Sections

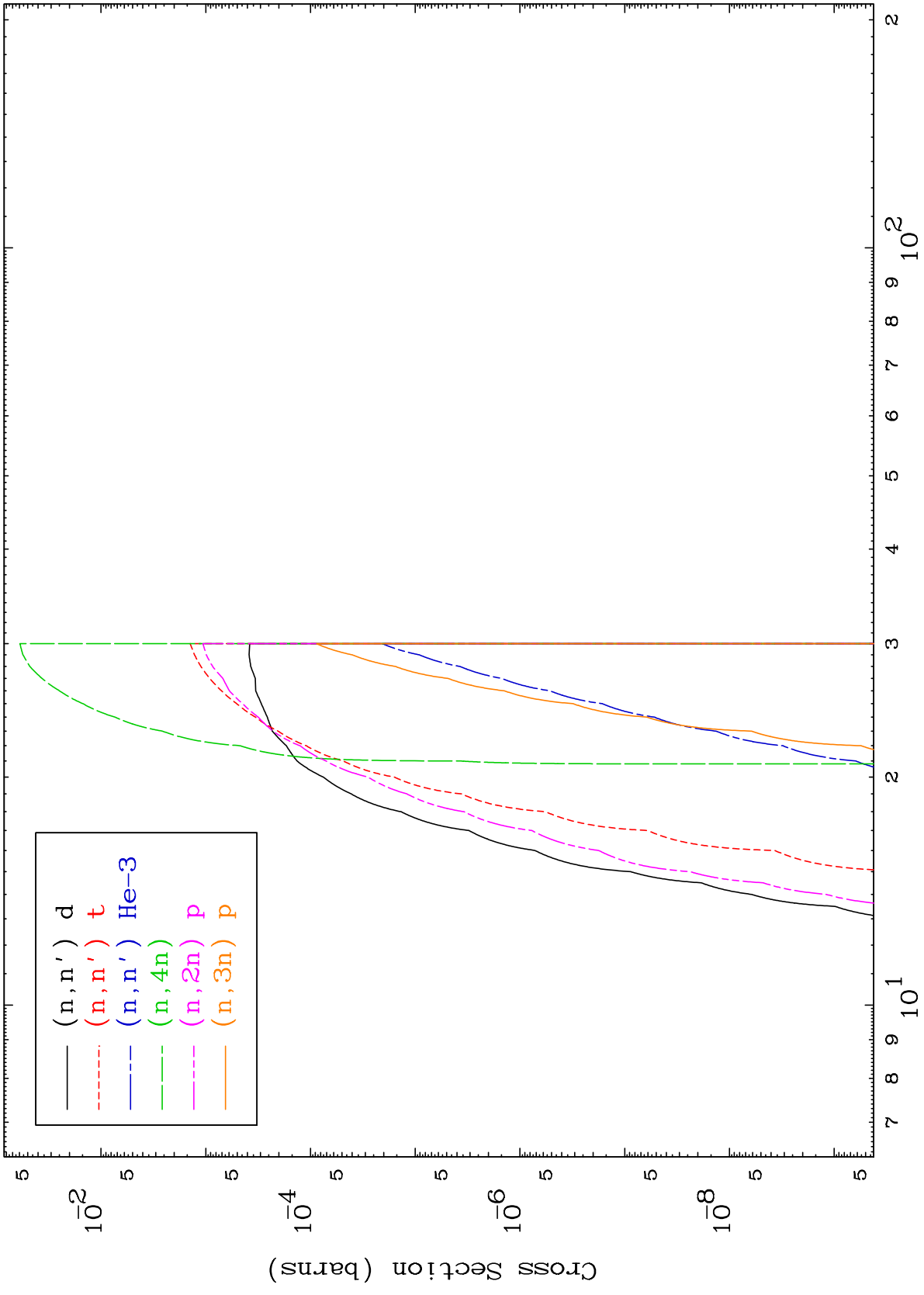
97-Bk-242



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Incident Energy (MeV)

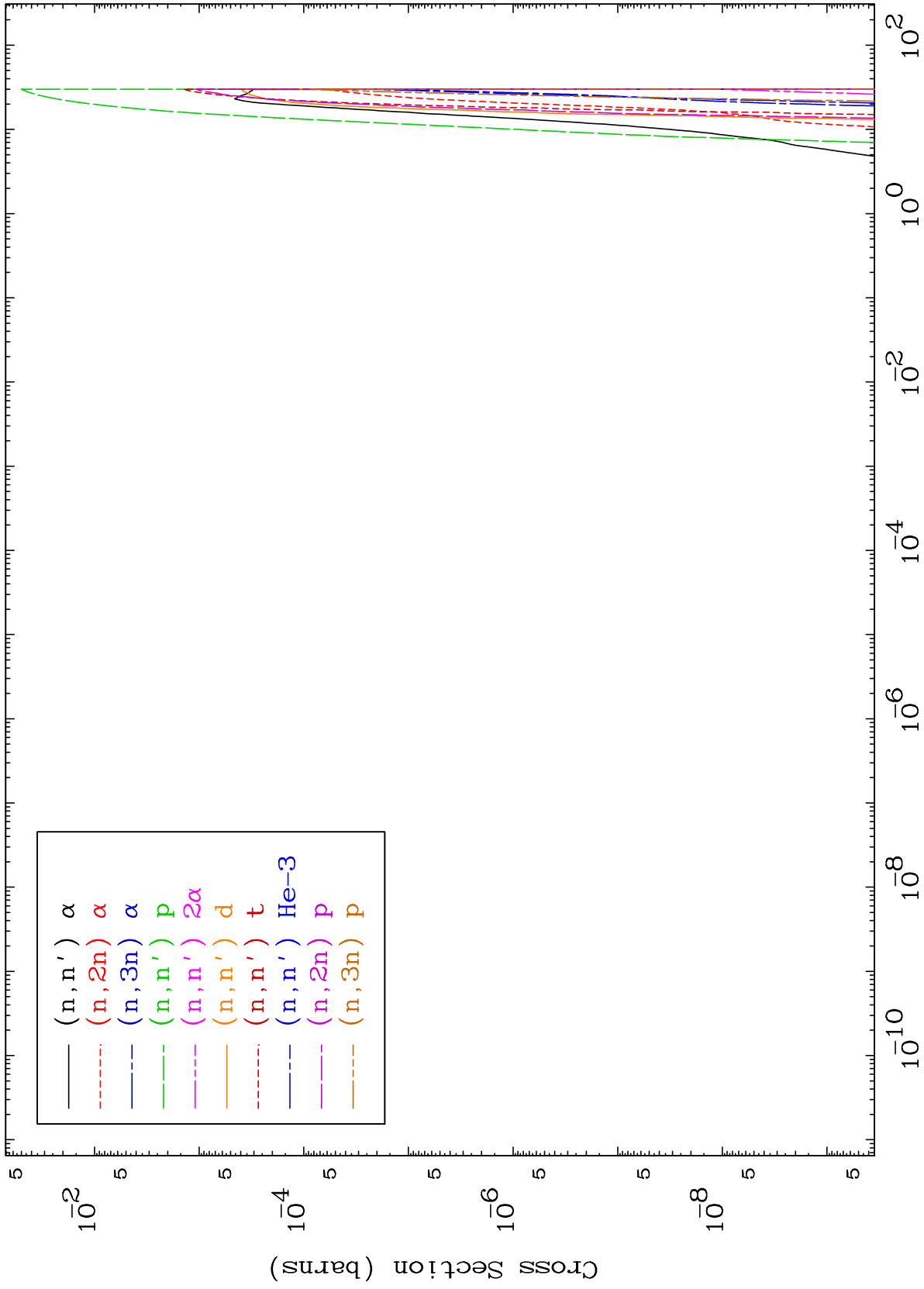
97-Bk-242



MAT 9731

293 Charged Particle
Kelvin Cross Sections

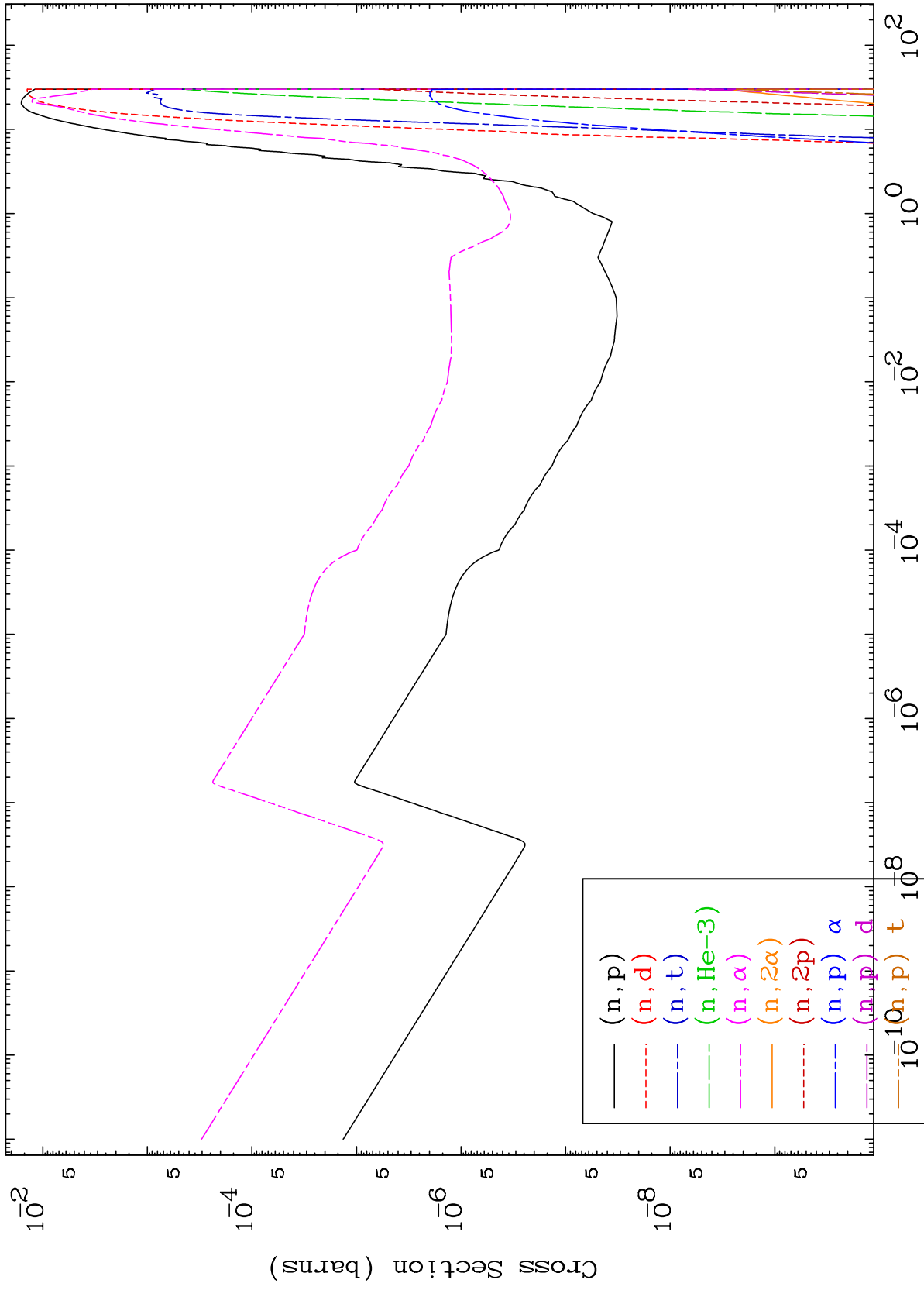
97-Bk-242



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Charged Particle
293 Kelvin Cross Sections

97-Bk-242

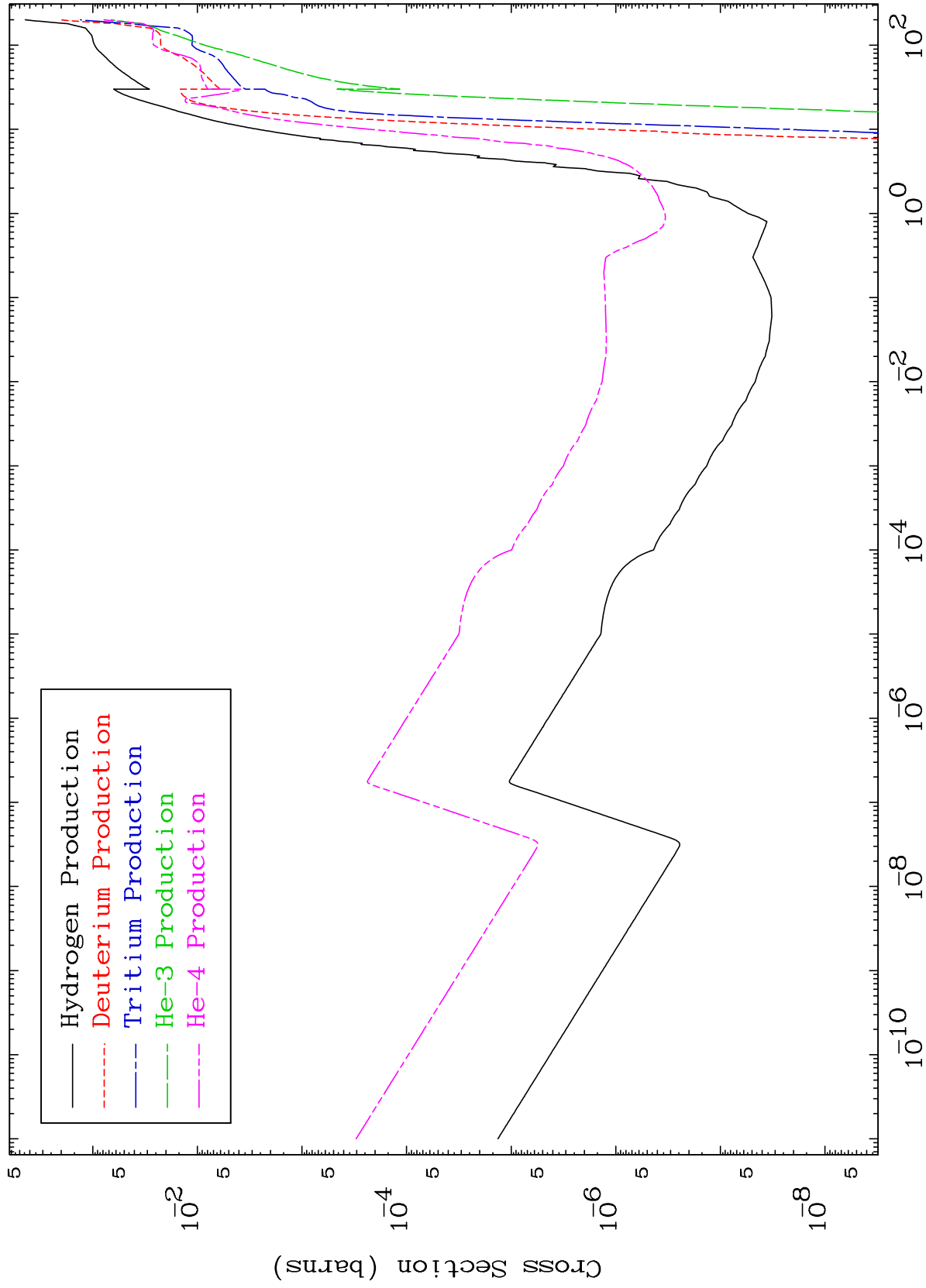


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Particle Production
293 Kelvin Cross Sections

97-Bk-242



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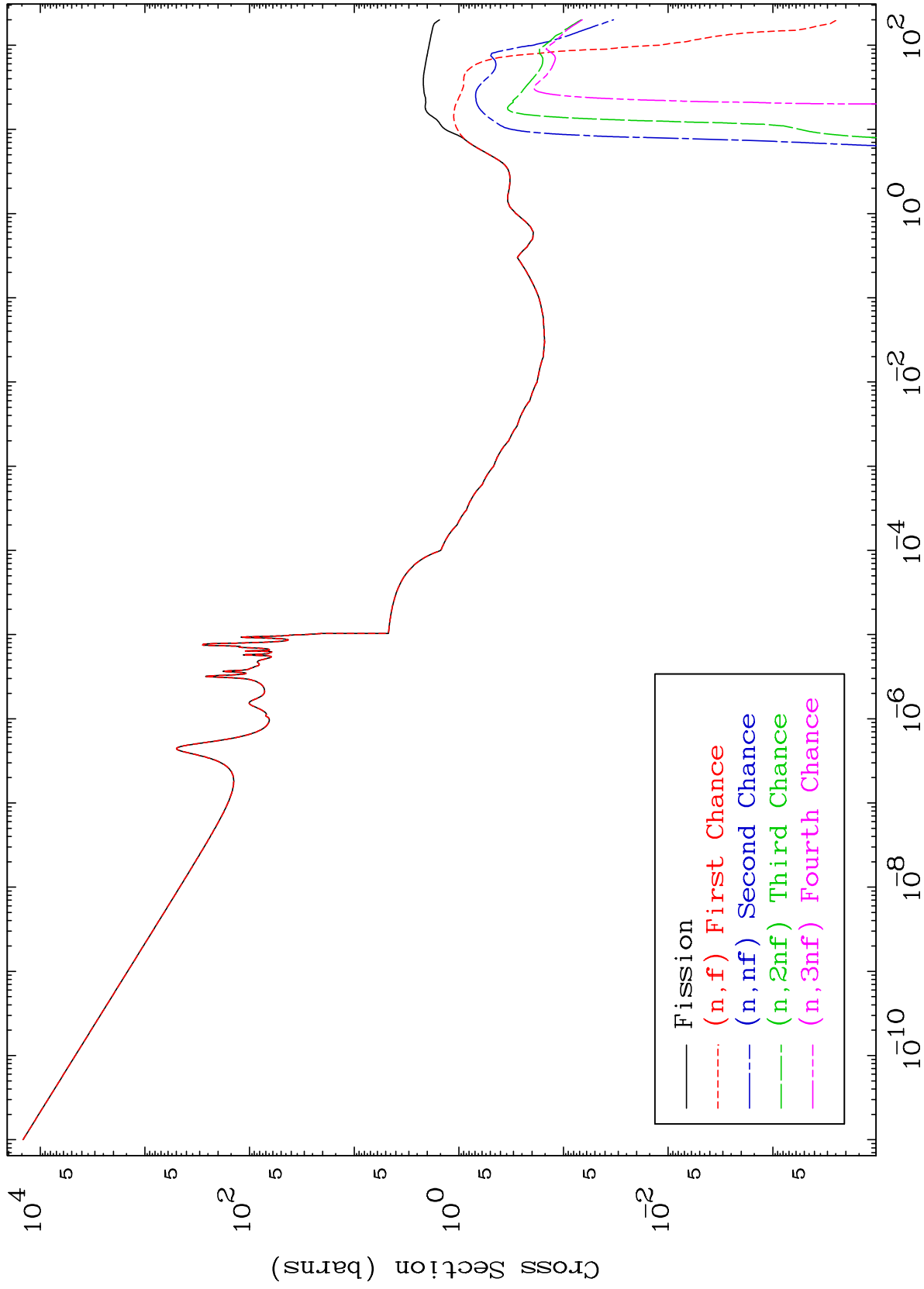
Incident Energy (MeV)

97-Bk-242

MAT 9731

Fission
293 Kelvin Cross Sections

97-Bk-242



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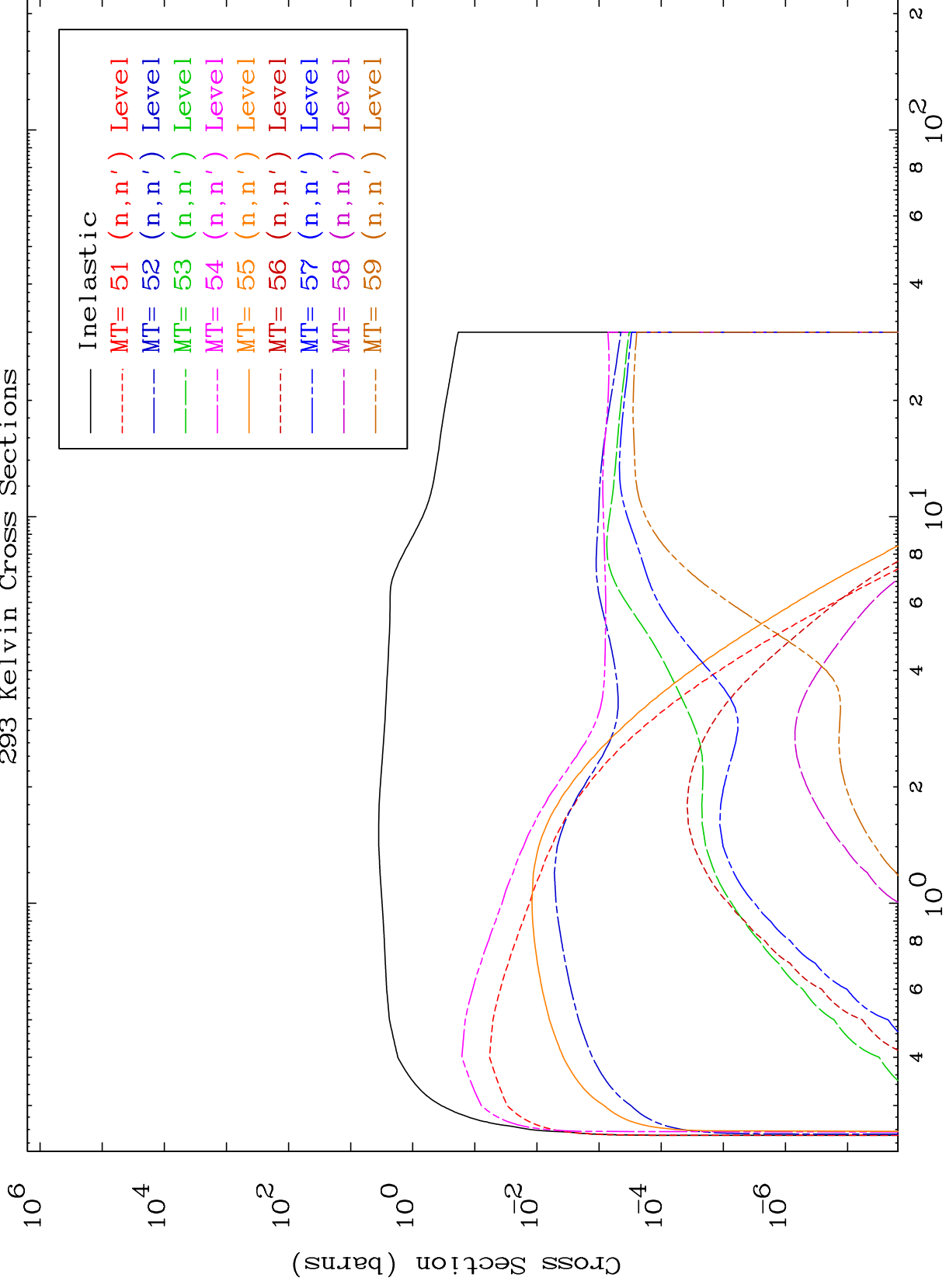
Incident Energy (MeV)

97-Bk-242

MAT 9731

(n,n') Level
293 Kelvin Cross Sections

97-Bk-242

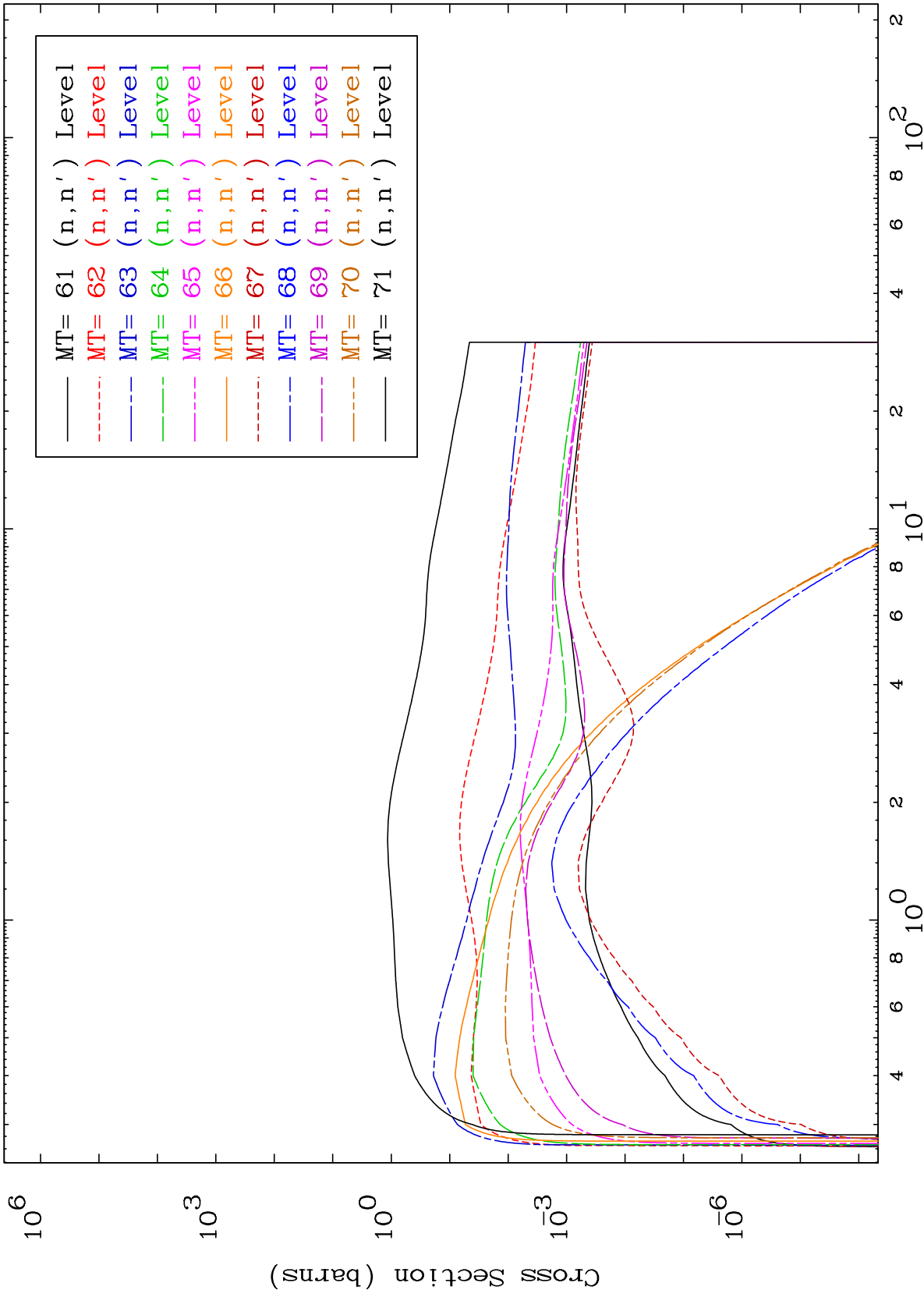


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(n,n') Level

97-Bk-242

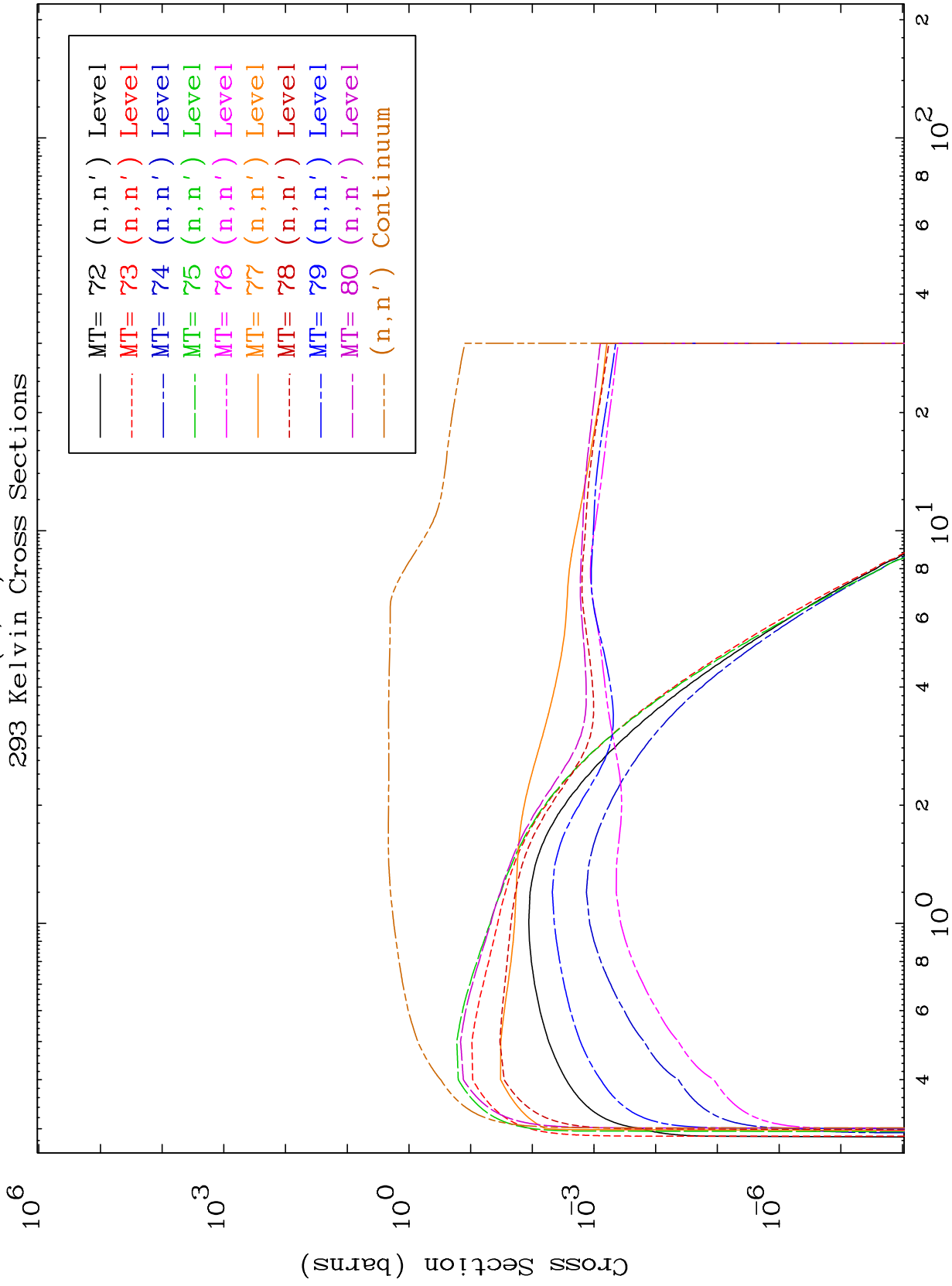
293 Kelvin Cross Sections



MAT 9731

(n,n') Level

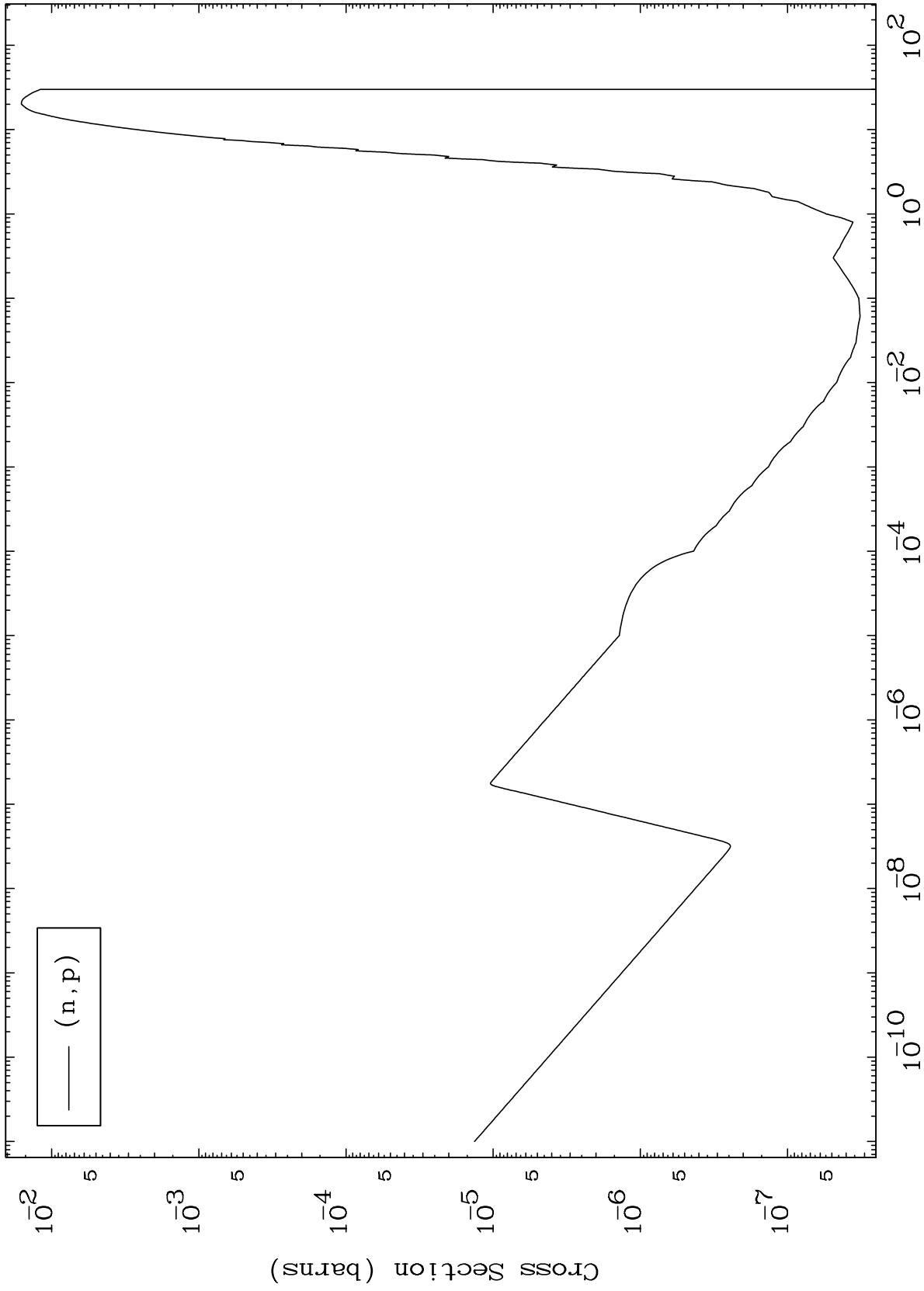
97-Bk-242



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(n,p) Levels
293 Kelvin Cross Sections

97-Bk-242



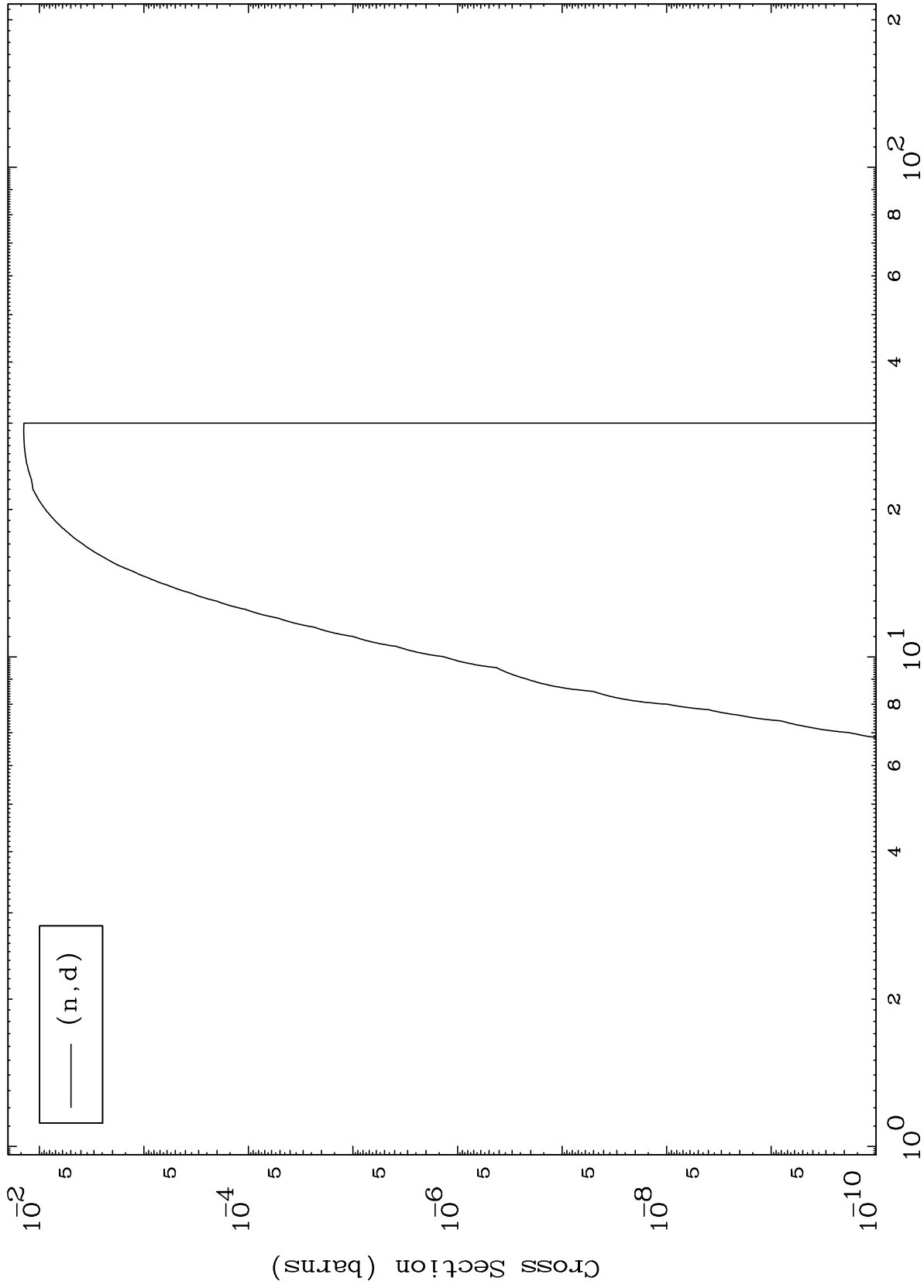
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97-Bk-242

MAT 9731

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-242



(n,d)

12

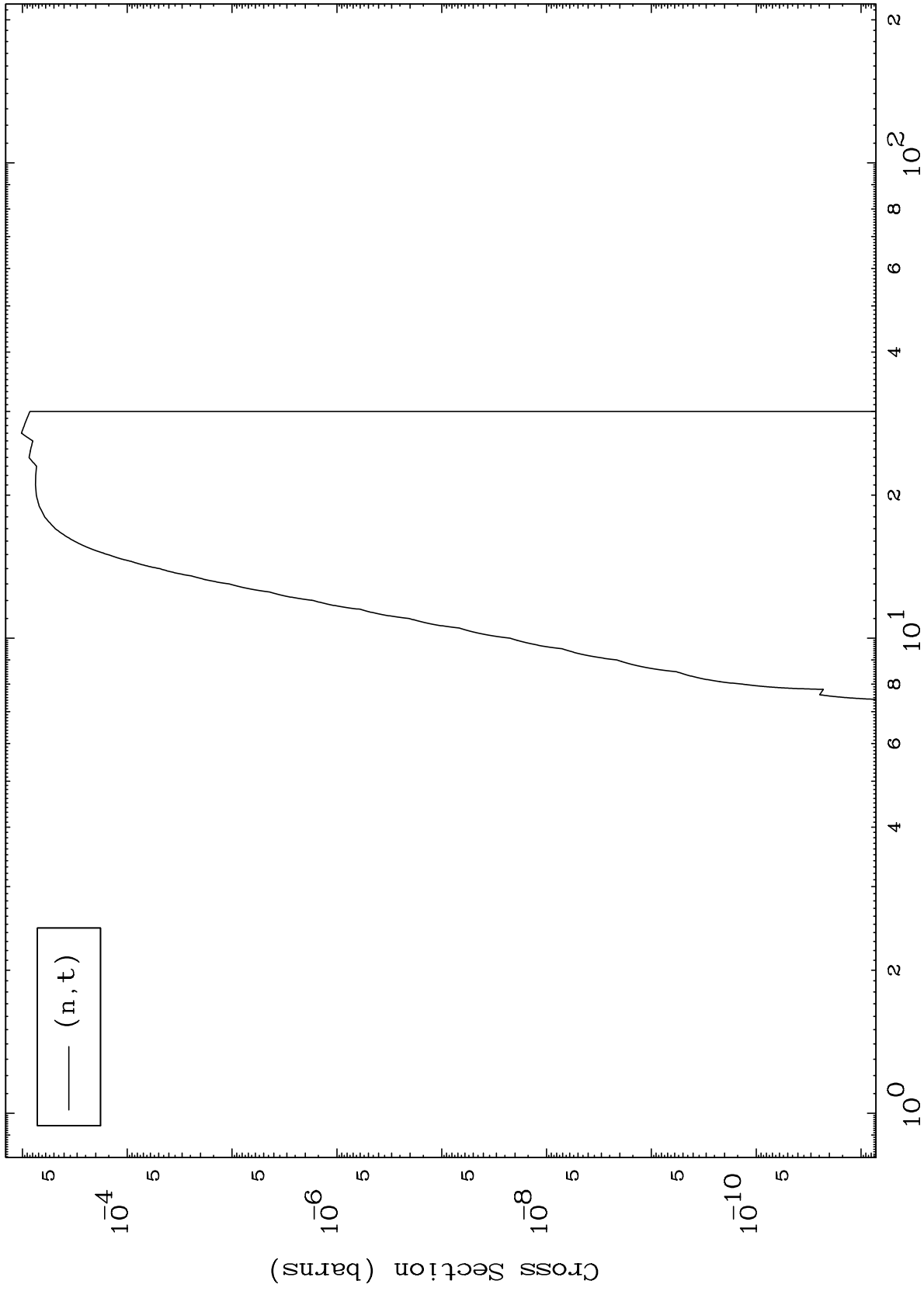
Incident Energy (MeV)

97-Bk-242

MAT 9731

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-242



13

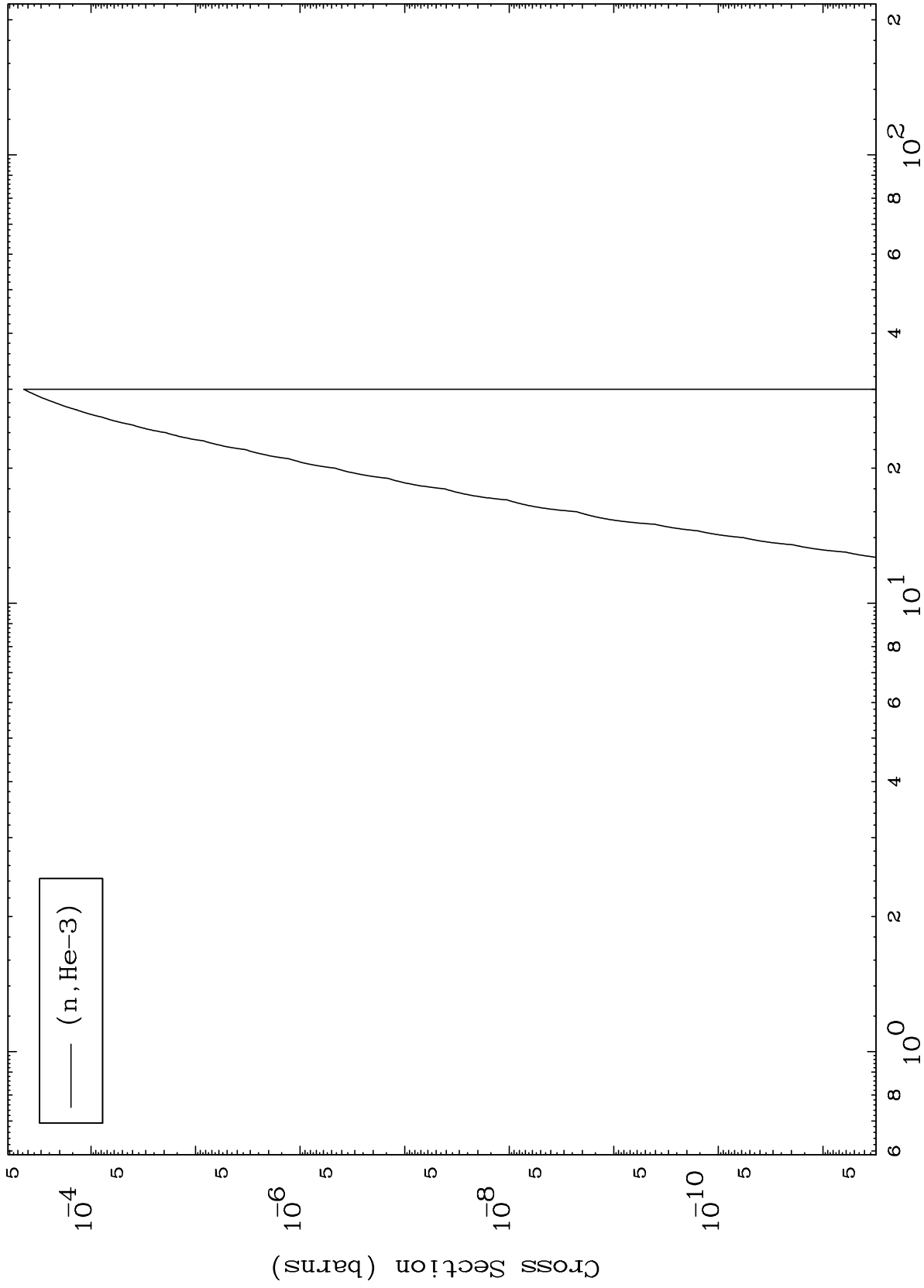
Incident Energy (MeV)

97-Bk-242

MAT 9731

(n,He3) Levels
293 Kelvin Cross Sections

97-Bk-242



14

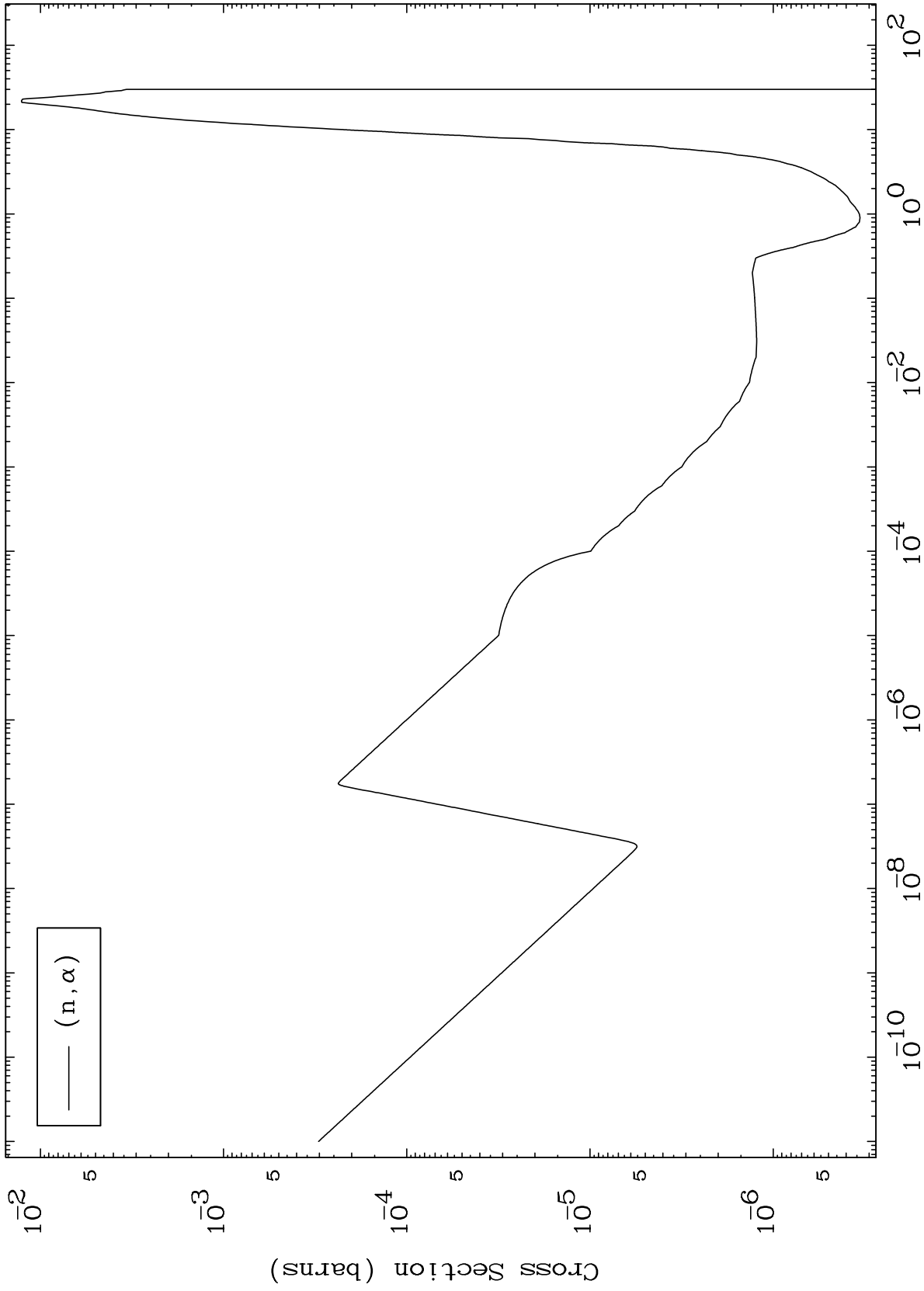
Incident Energy (MeV)

97-Bk-242

MAT 9731

(n, α) Levels
293 Kelvin Cross Sections

97-Bk-242



15

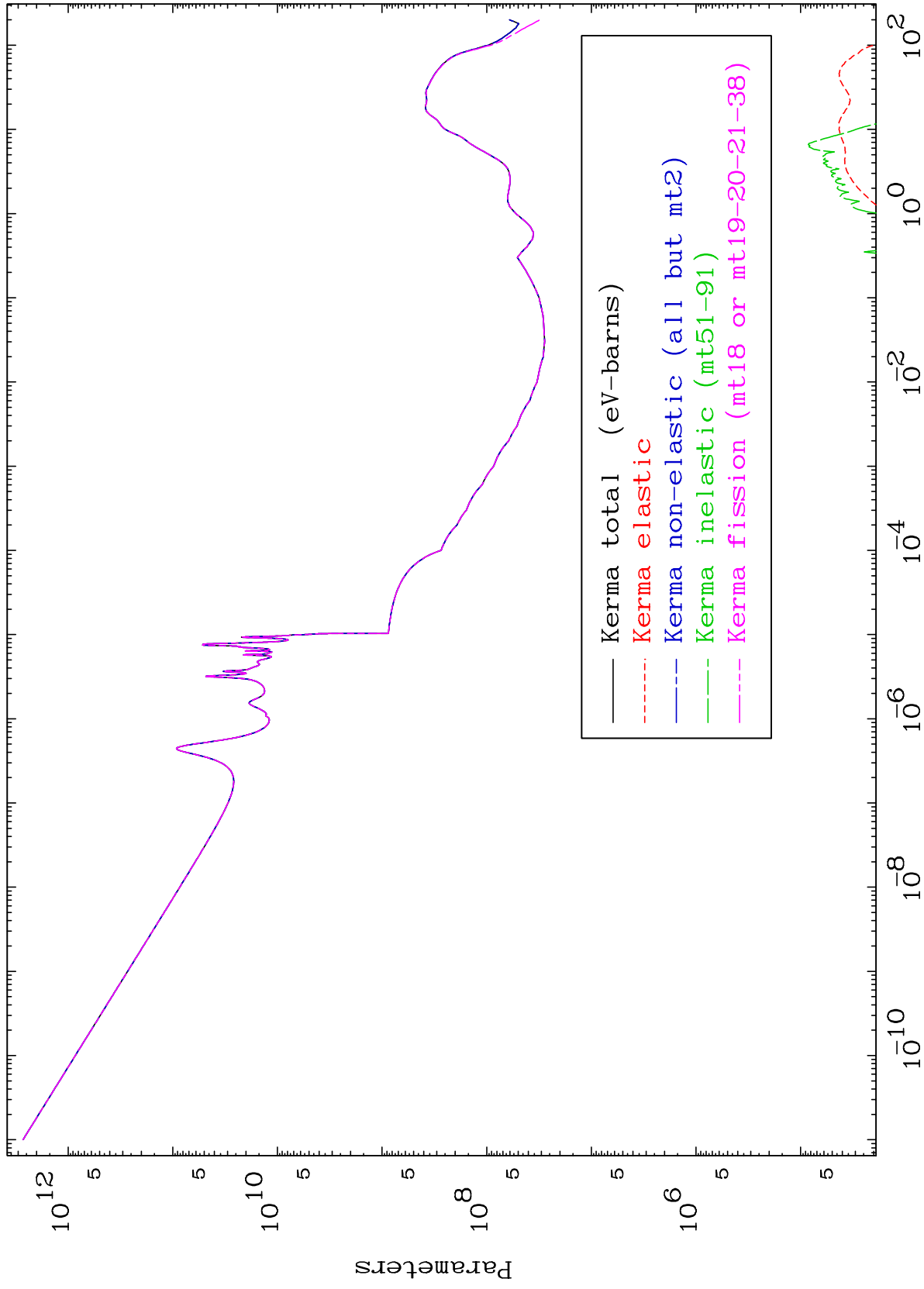
Incident Energy (MeV)

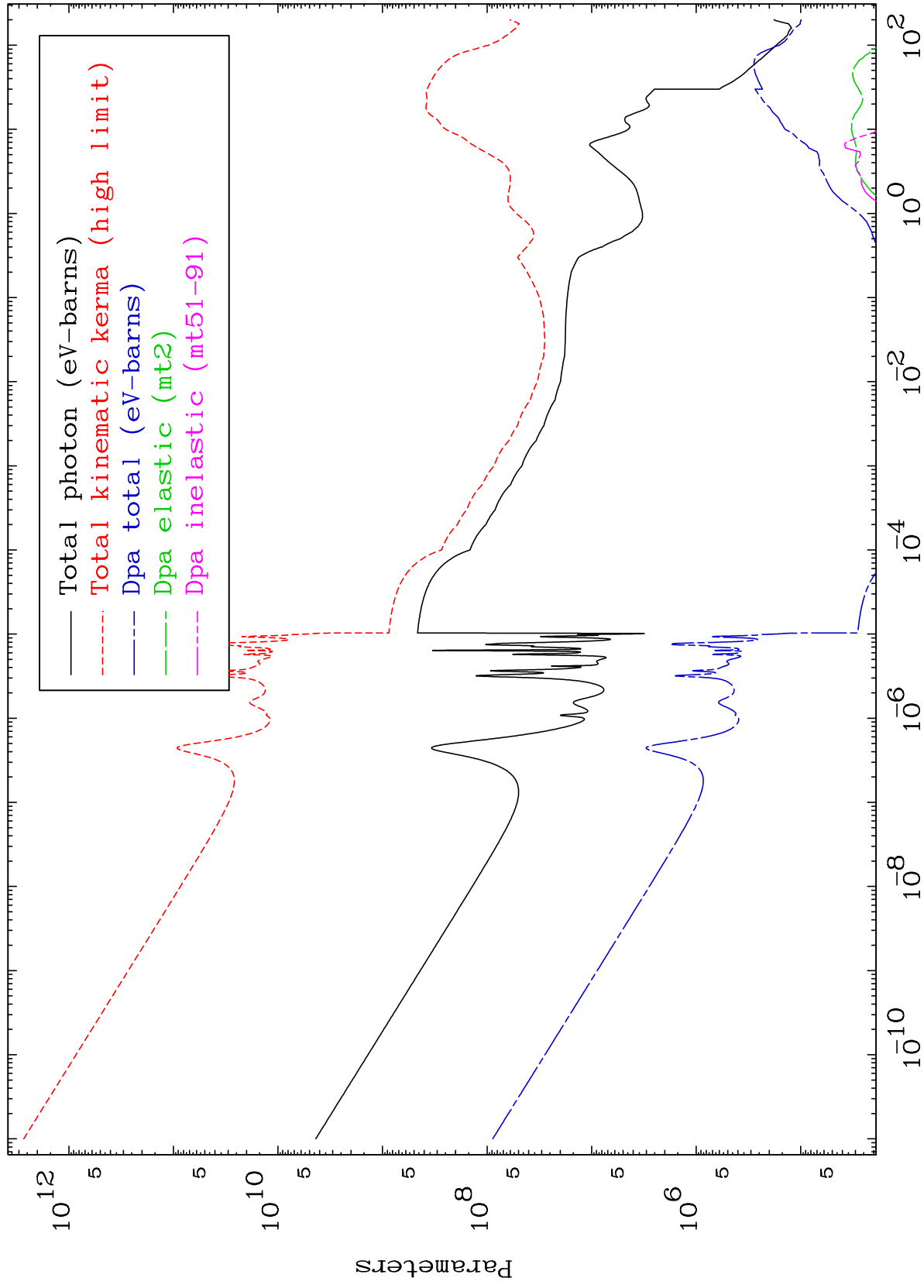
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Energy Release
Parameters

97-Bk-242

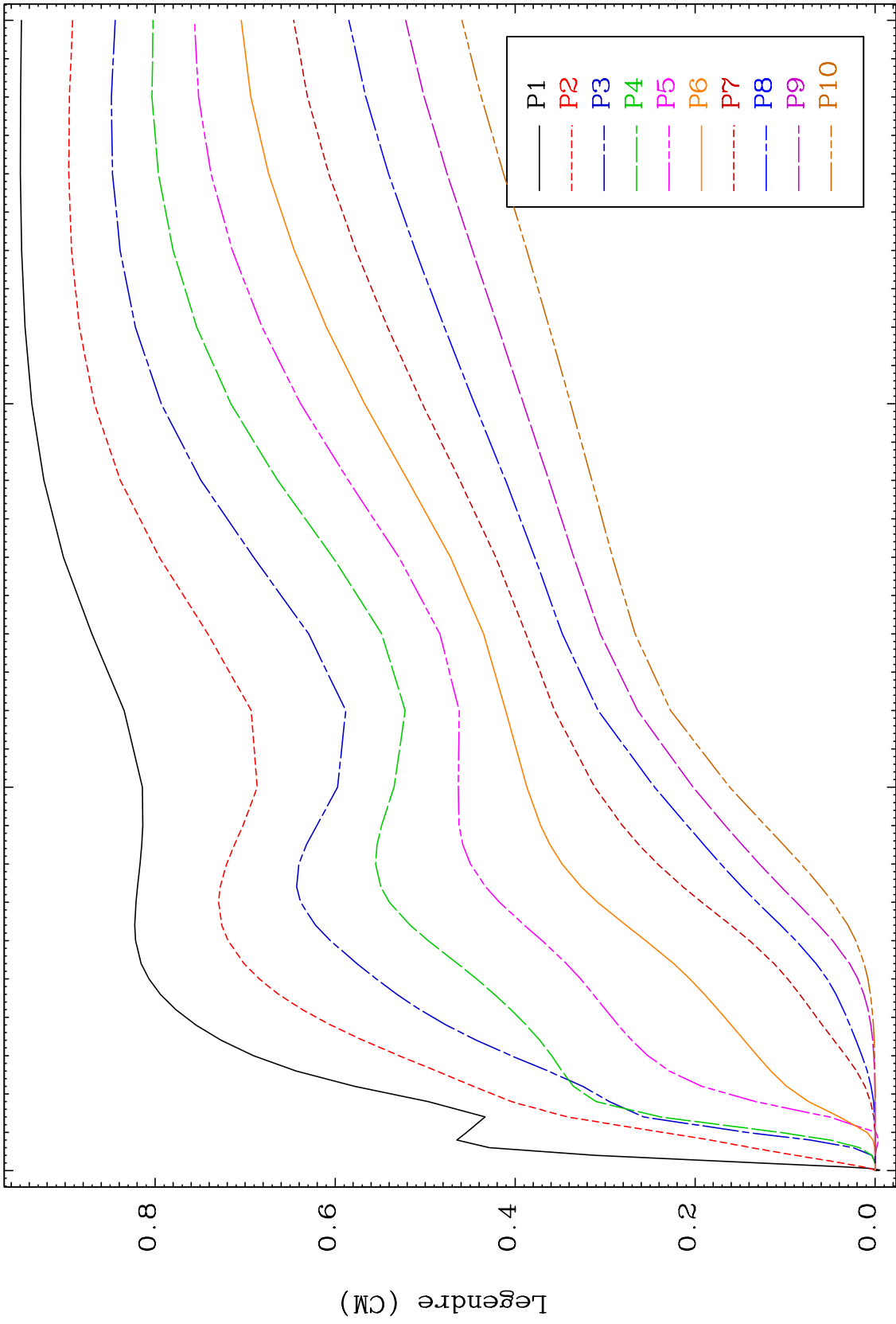




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Elastic Legendre Coefficients

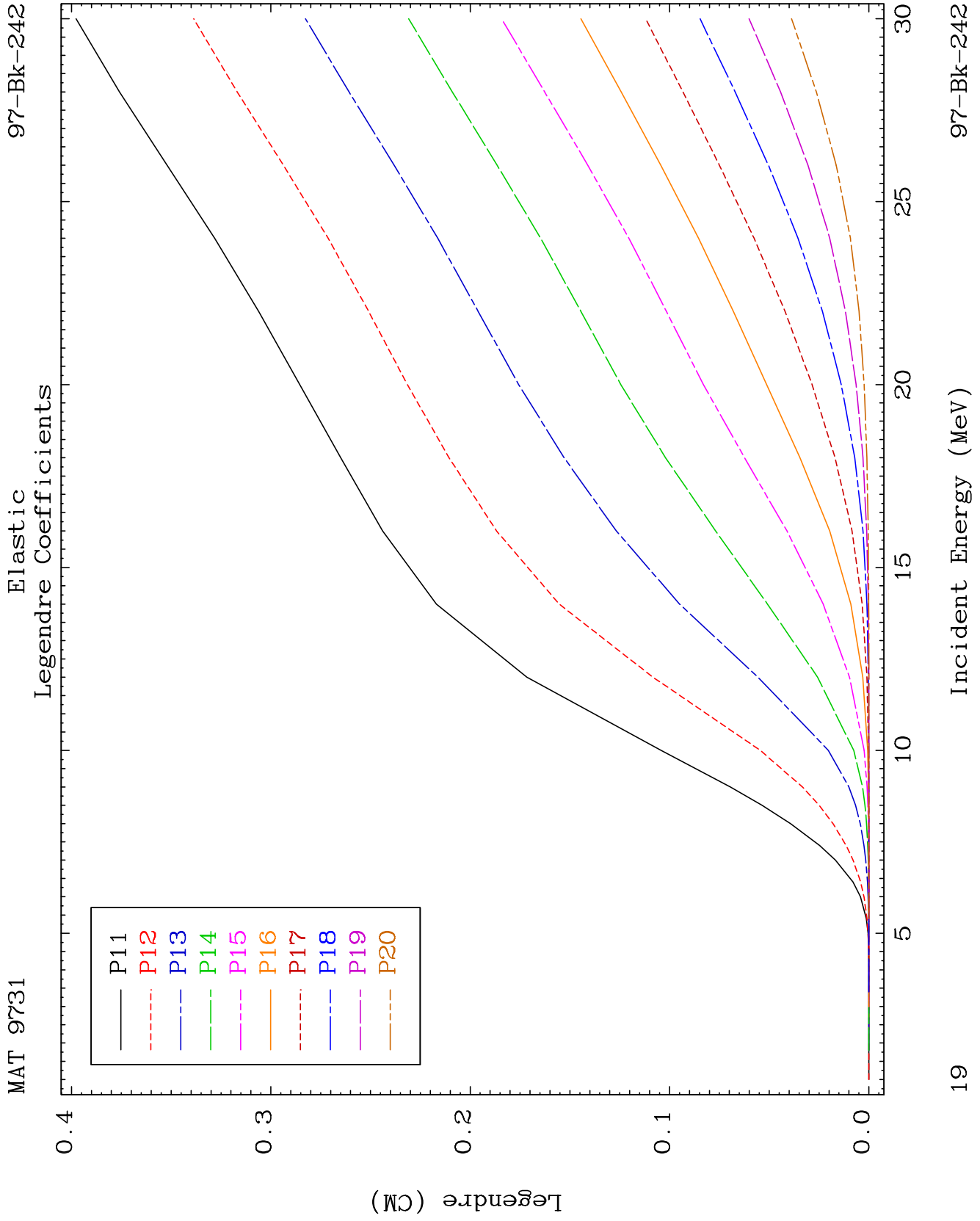
97-Bk-242



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Incident Energy (MeV)

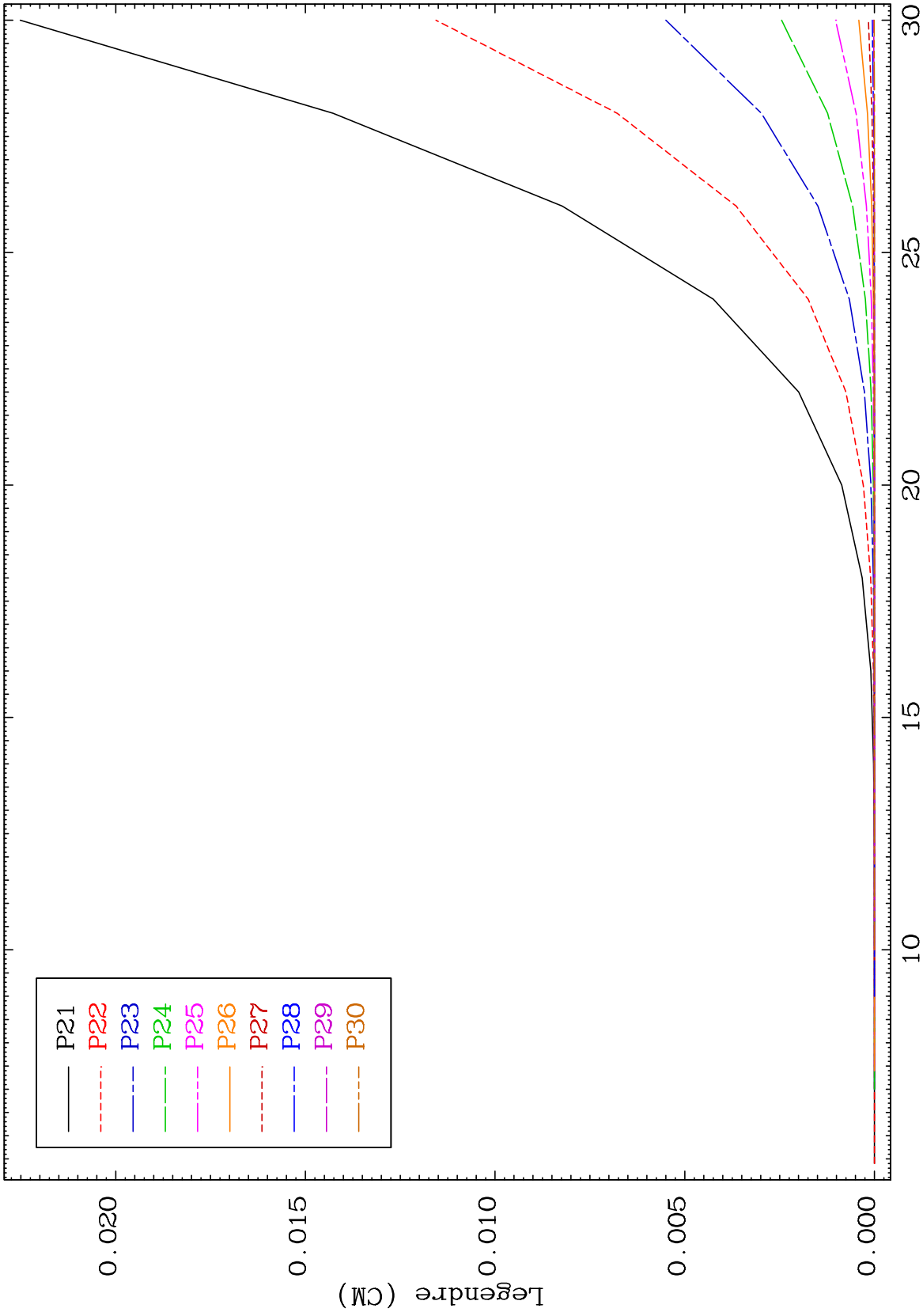
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MAT 9731

Elastic Legendre Coefficients

97-Bk-242



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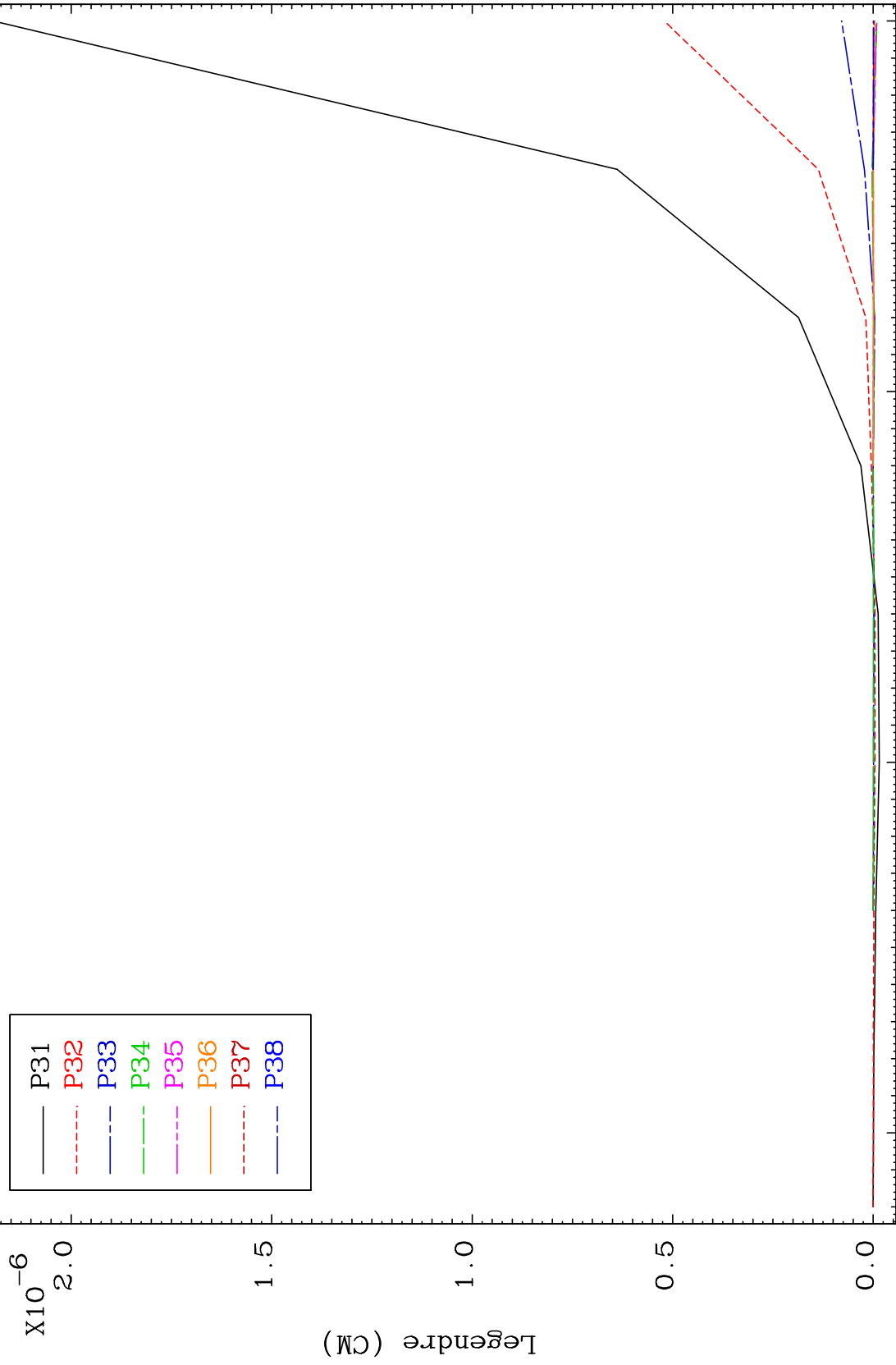
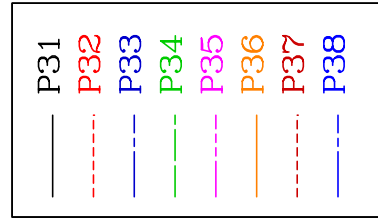
Incident Energy (MeV)

97-Bk-242

MAT 9731

Elastic Legendre Coefficients

97-Bk-242



21

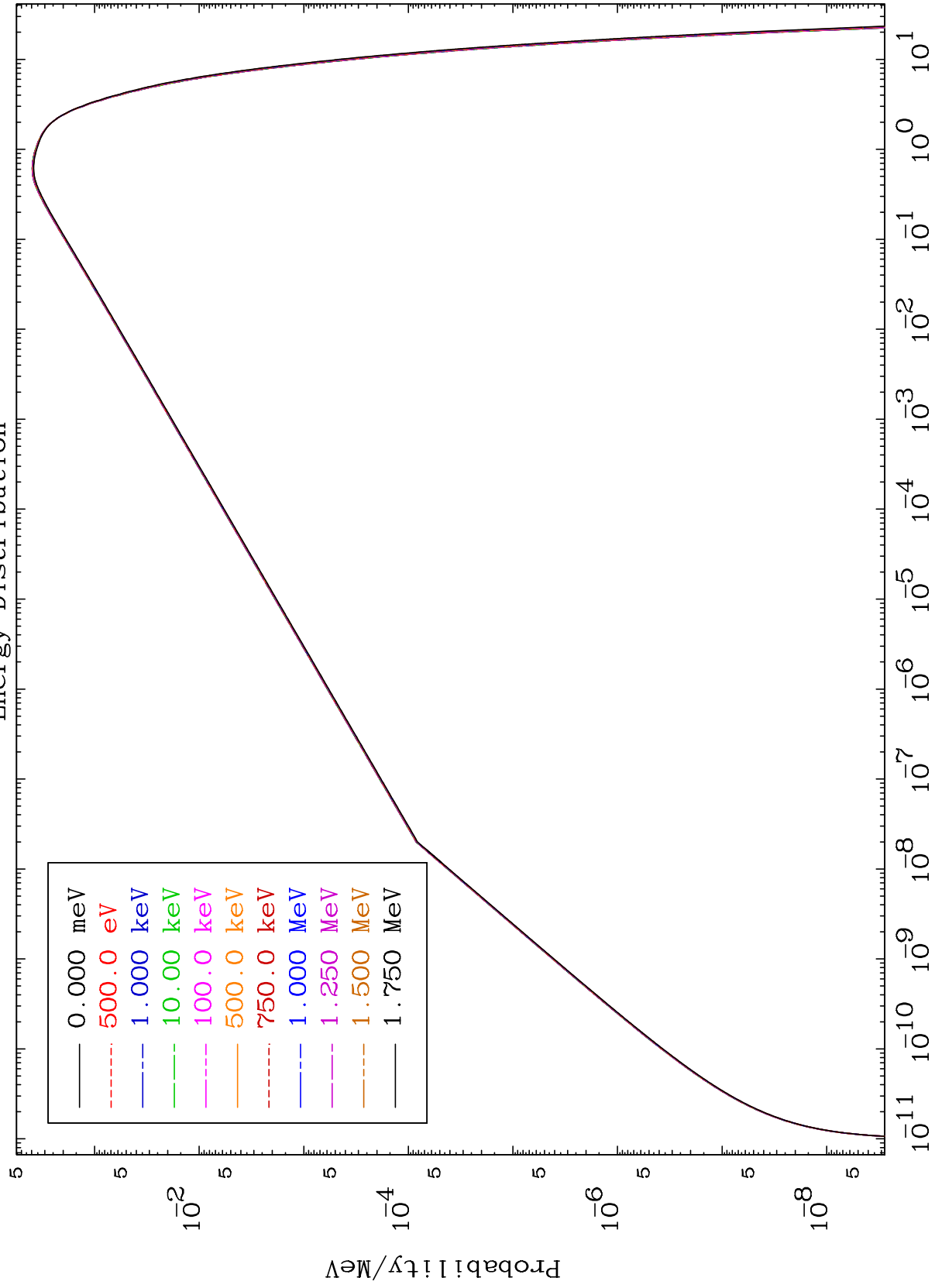
Incident Energy (MeV)

97-Bk-242

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Fission Energy Distribution

97-Bk-242



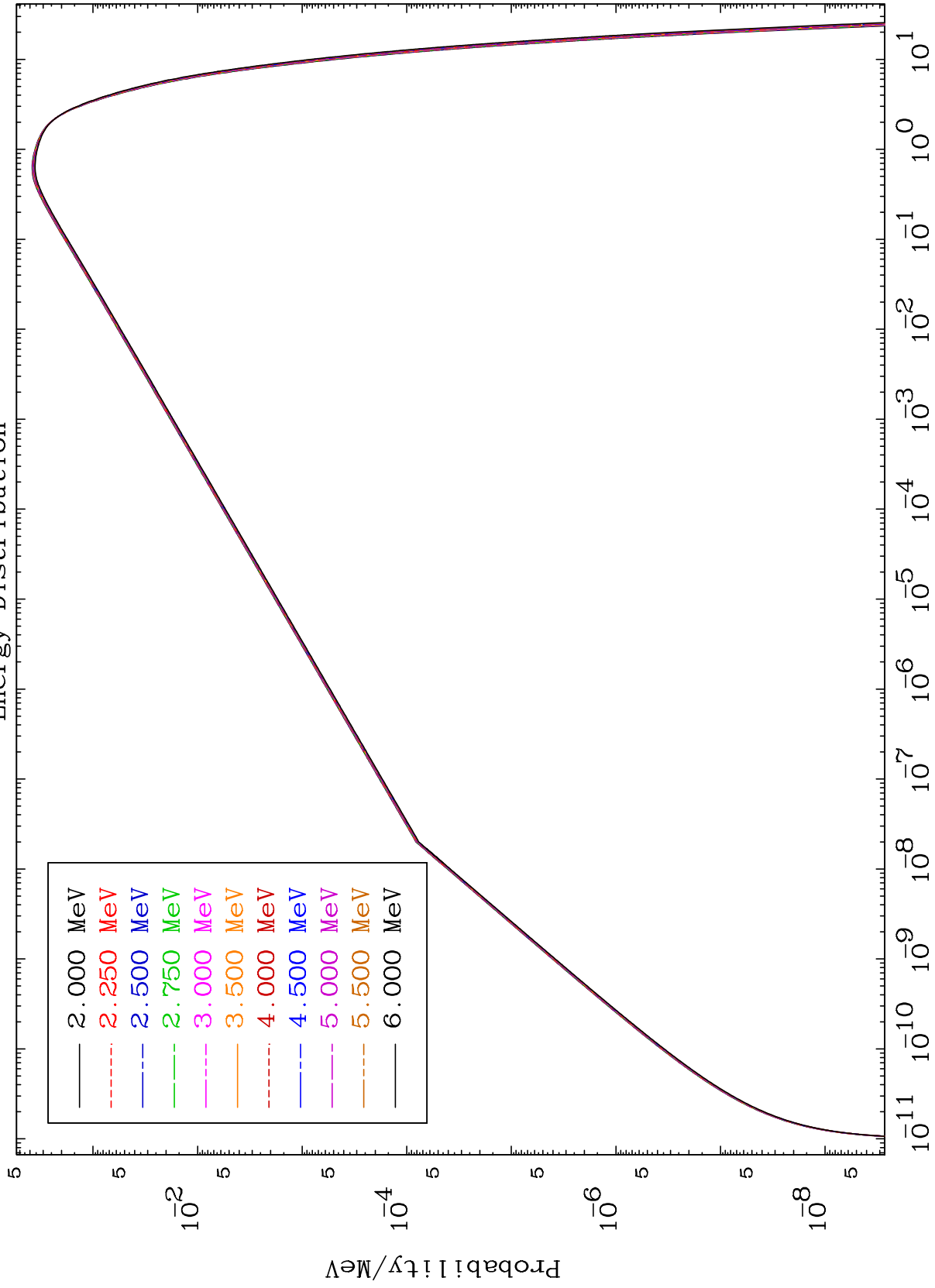
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97-Bk-242

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Fission Energy Distribution

97-Bk-242

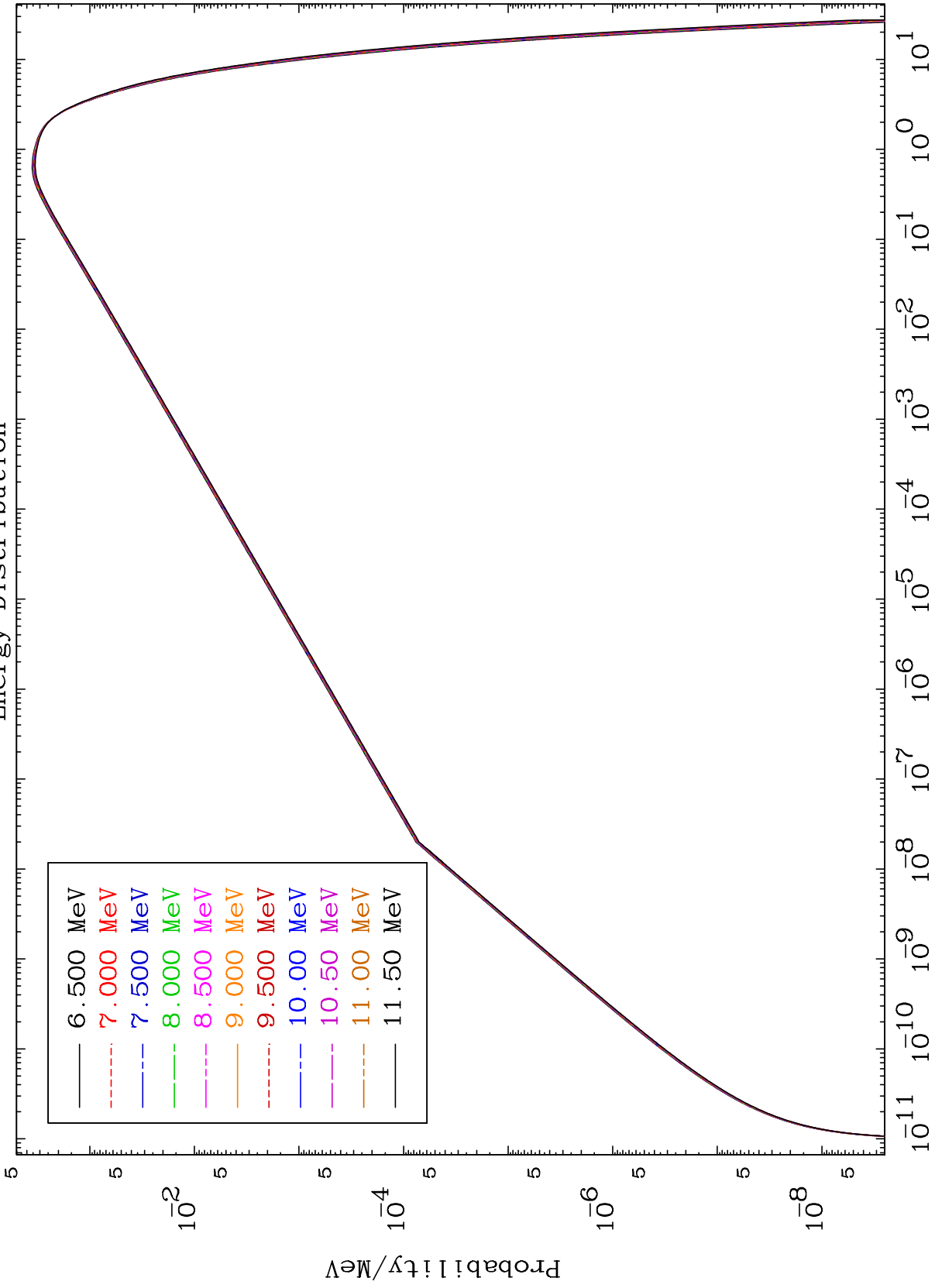


97-Bk-242

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Fission Energy Distribution

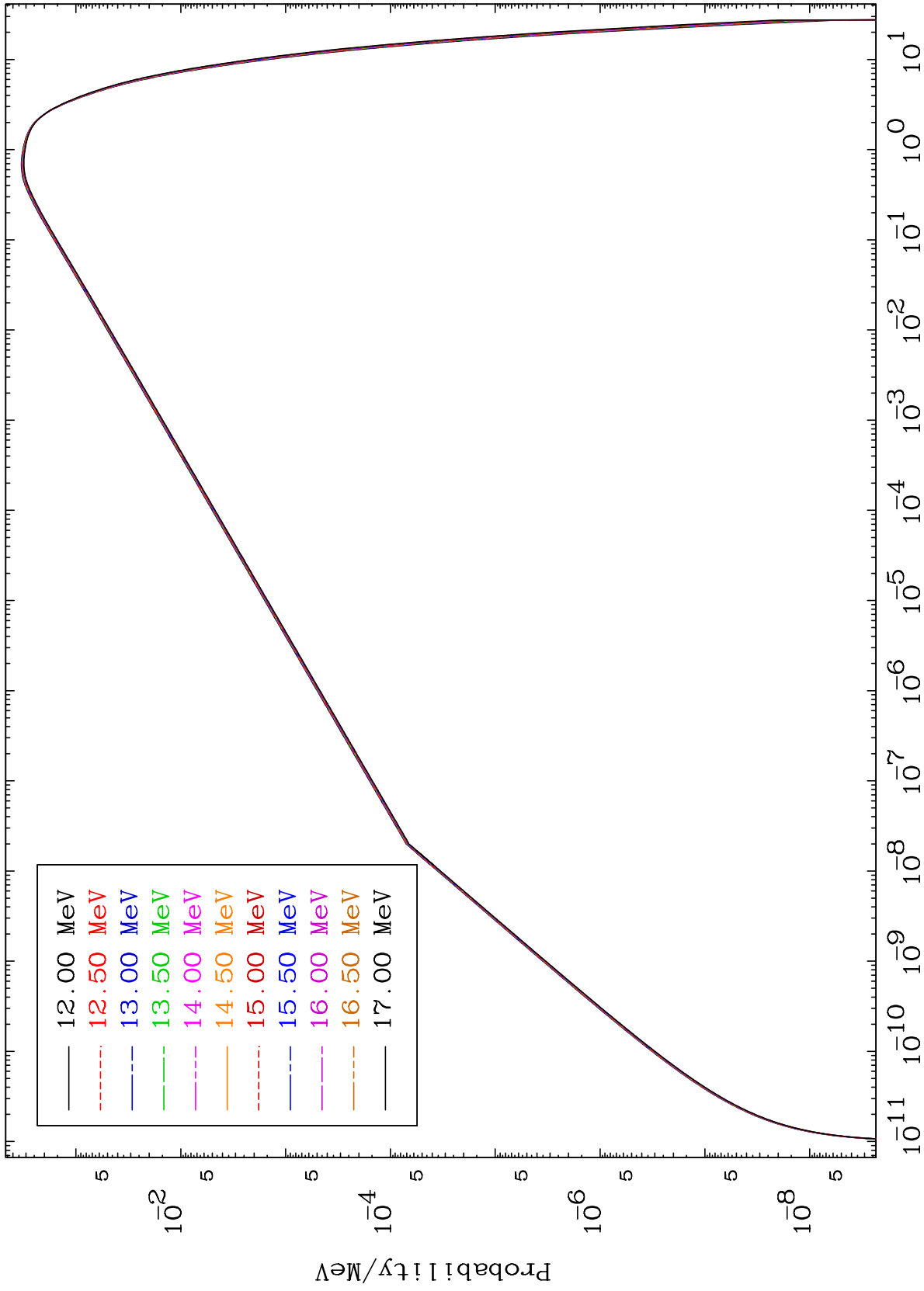
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Fission Energy Distribution

97-Bk-242

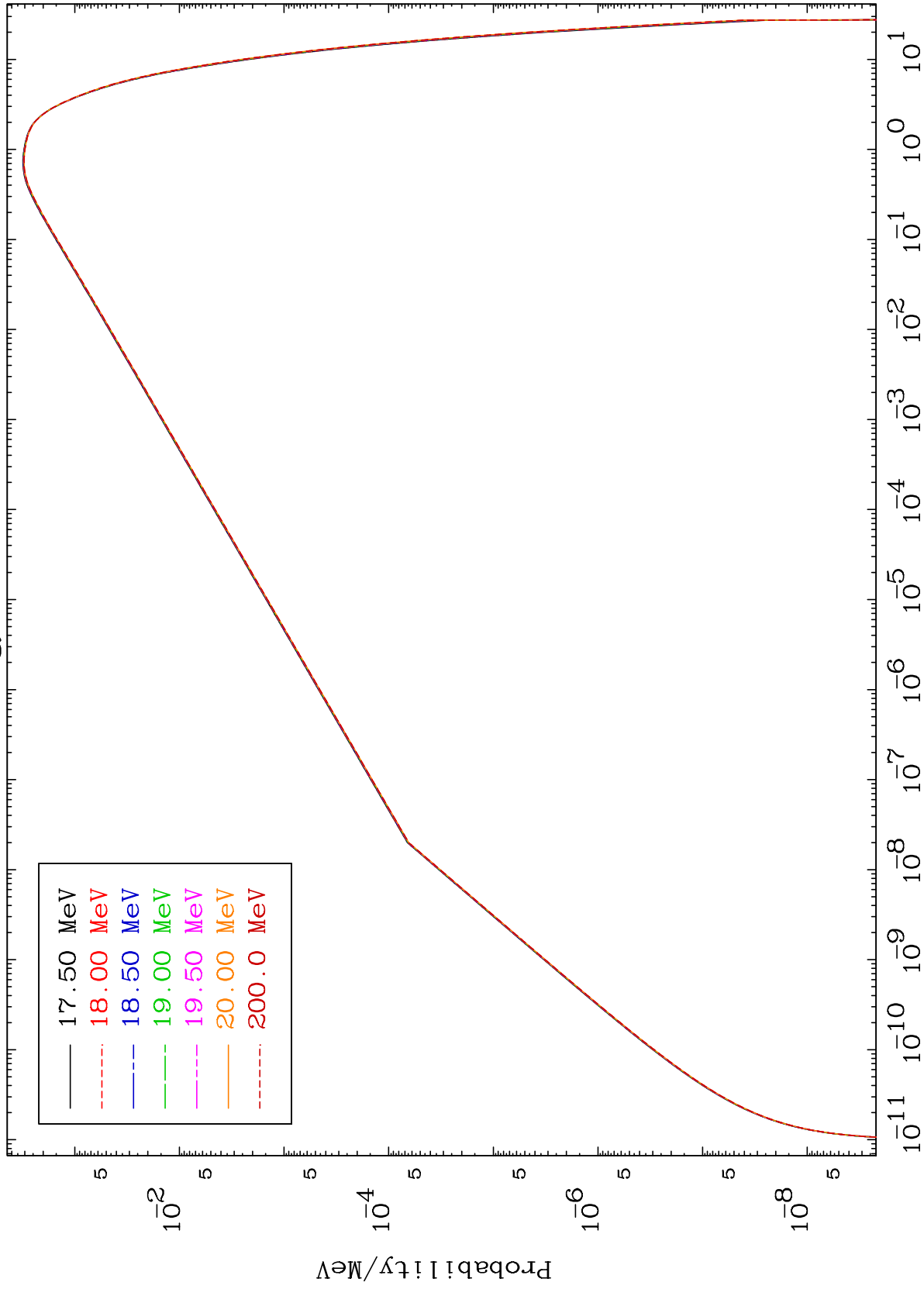


97-Bk-242

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Fission Energy Distribution

97-Bk-242



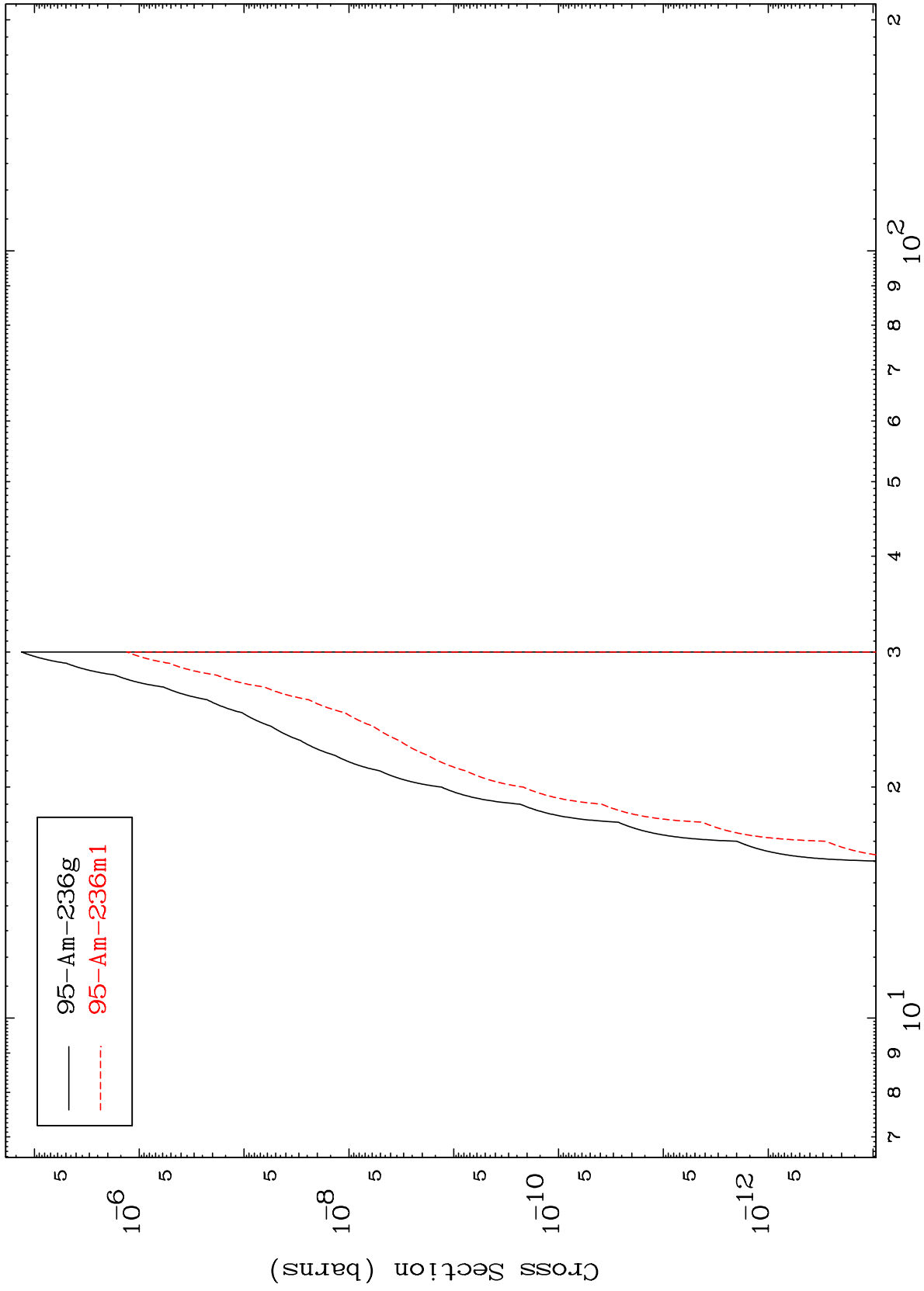
97-Bk-242

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(n,3n) α

97-Bk-242

Radionuclide Production Cross Section



27

Incident Energy (MeV)

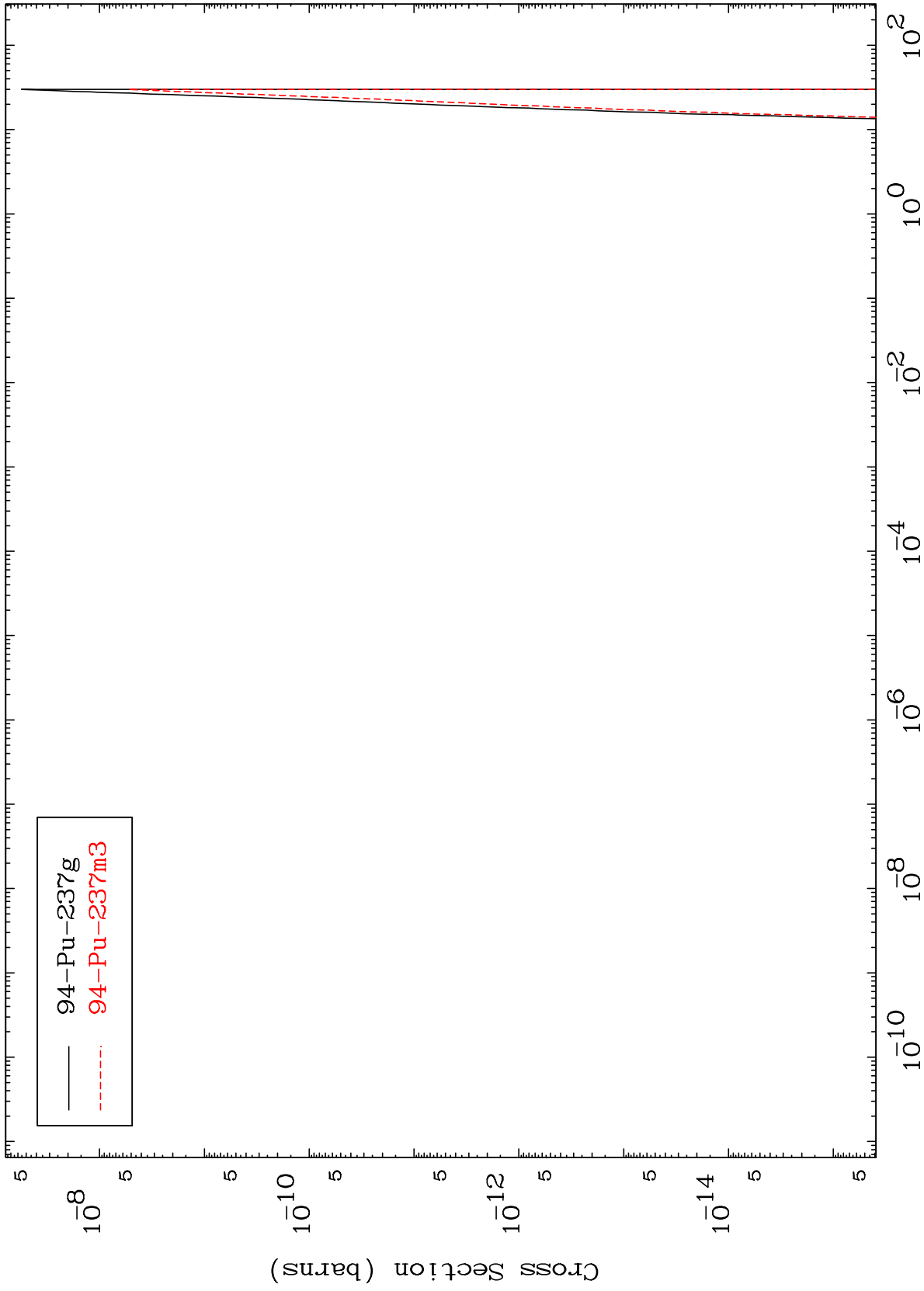
97-Bk-242

MAT 9731

(n,n') p α

97-Bk-242

Radionuclide Production Cross Section



28

Incident Energy (MeV)

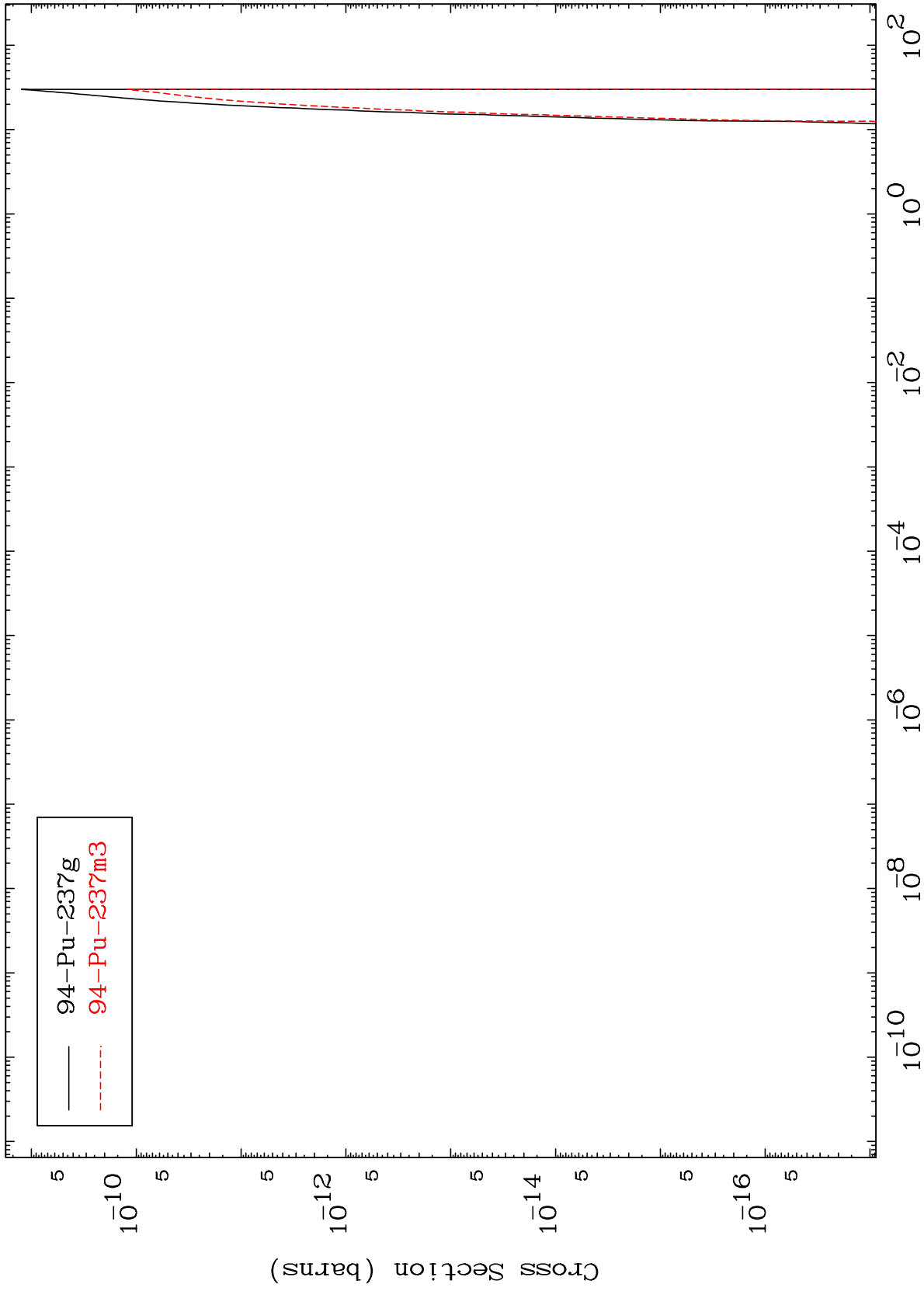
97-Bk-242

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(n,d) α

97-Bk-242

Radionuclide Production Cross Section



29

Incident Energy (MeV)

97-Bk-242