

Program EVALPLOT
(Version 2018-1)

by

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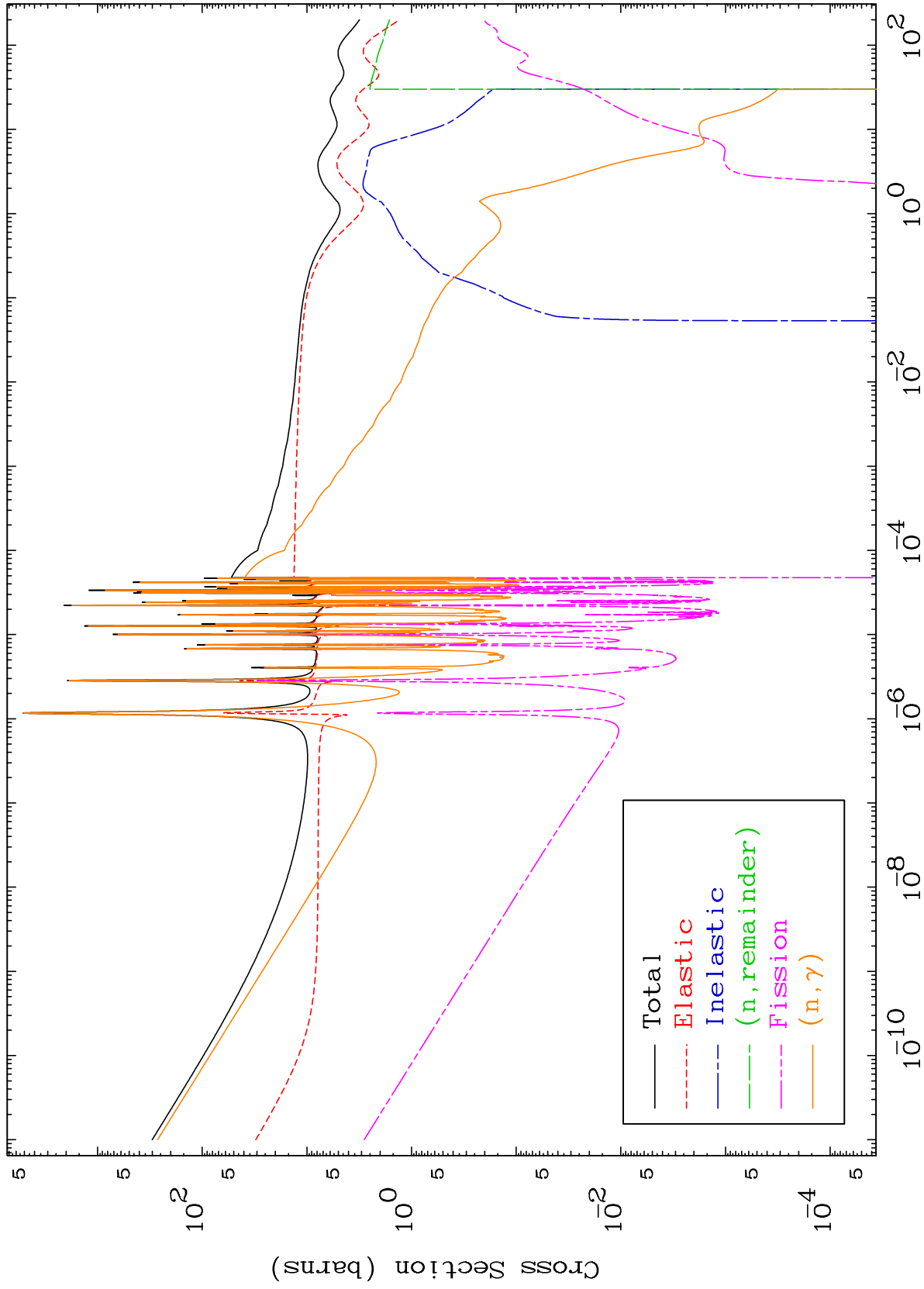
Press Mouse Button to Start

MAT 8819

Major

293 Kelvin Cross Sections

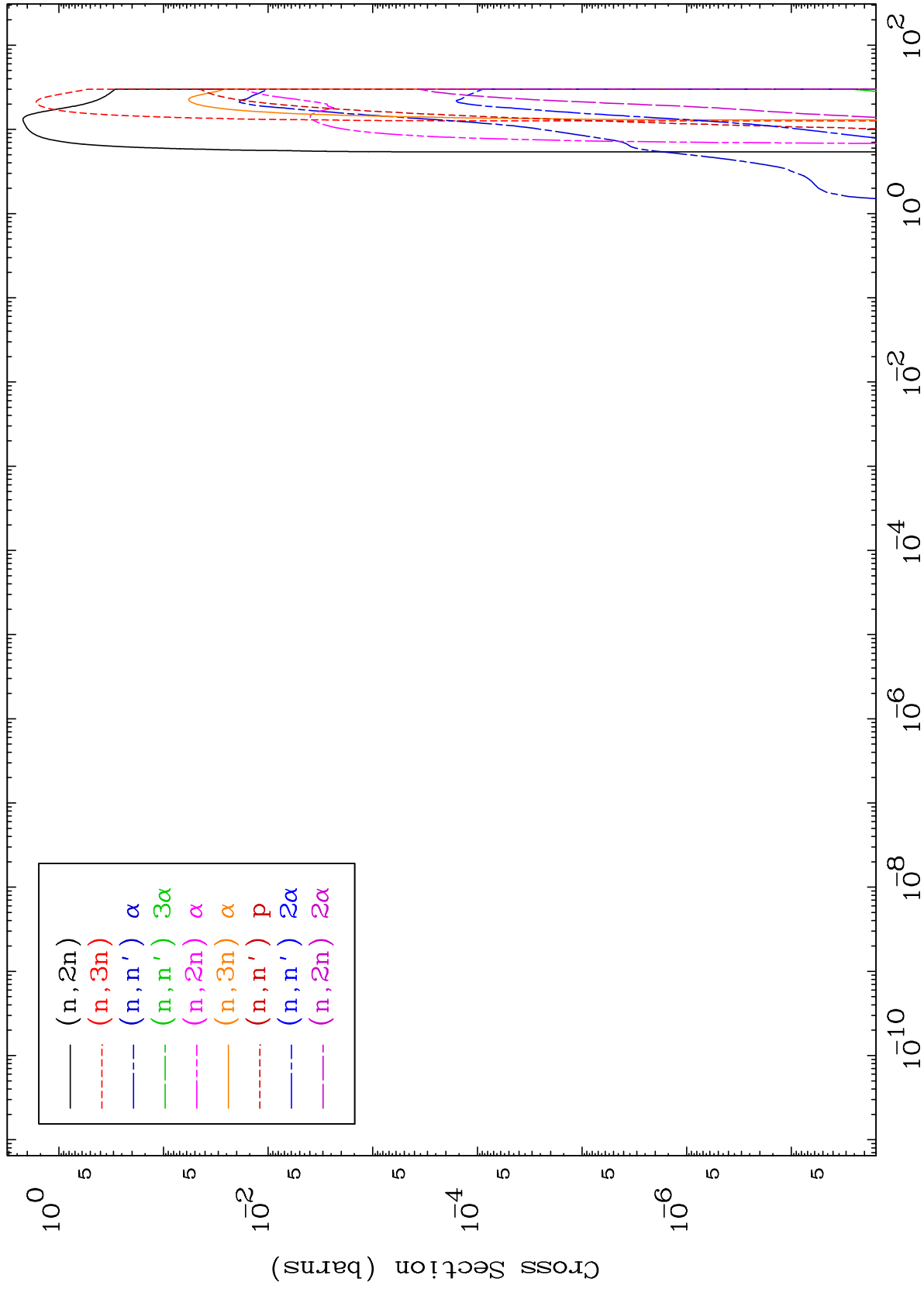
88-Ra-221



MAT 8819

Neutron Production
293 Kelvin Cross Sections

88-Ra-221

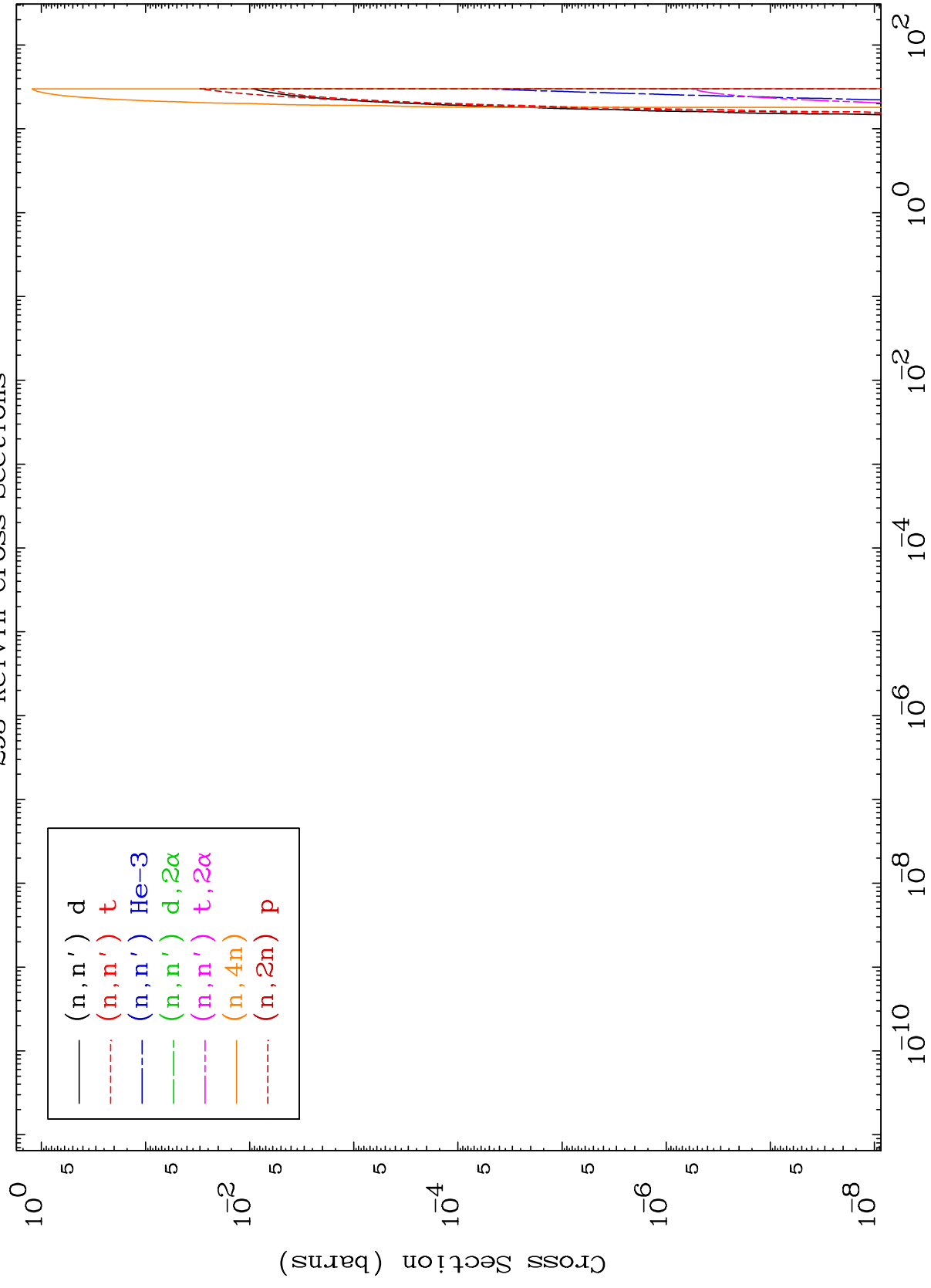


88-Ra-221

MAT 8819

Neutron Production
293 Kelvin Cross Sections

88-Ra-221

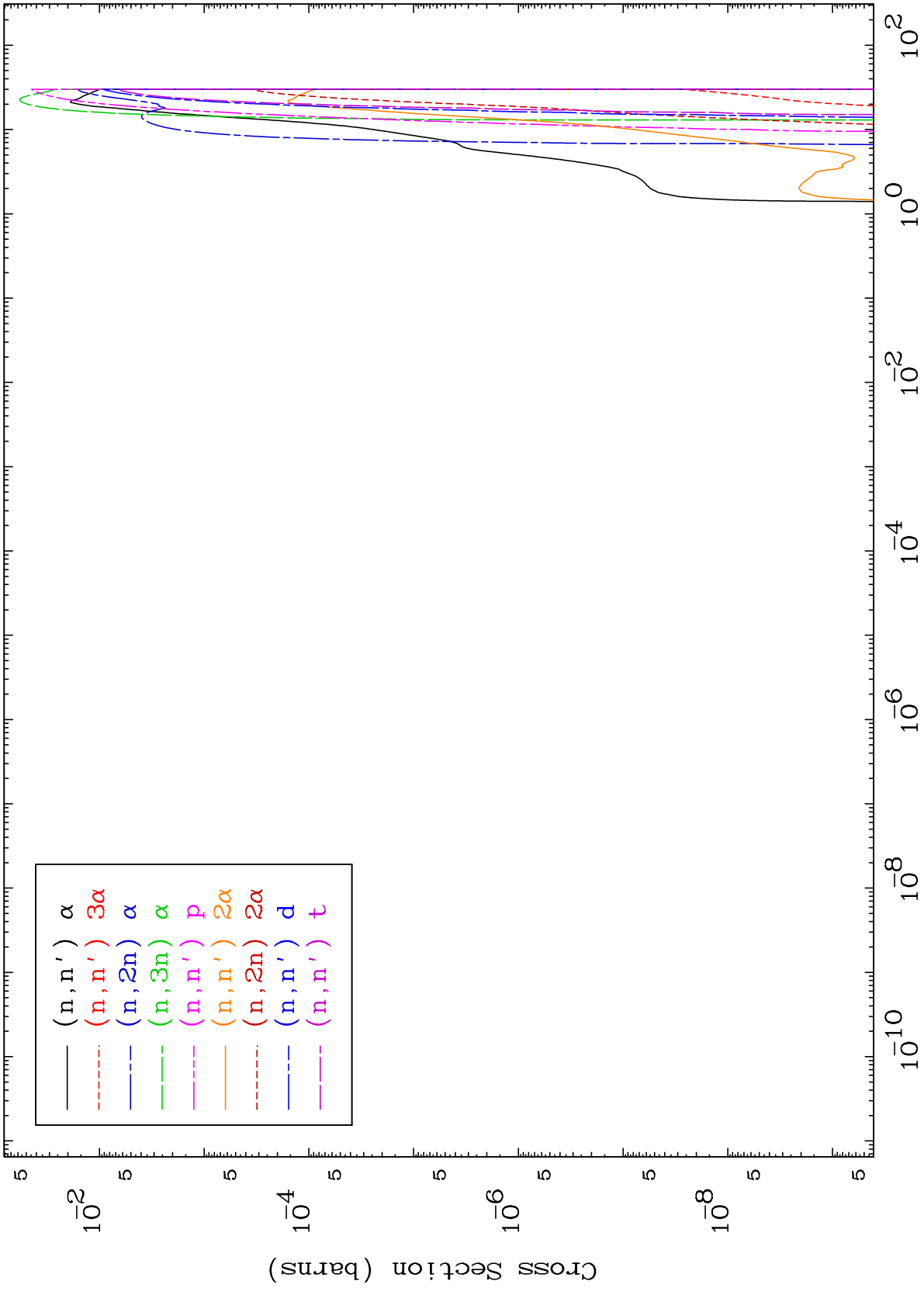


88-Ra-221

MAT 8819

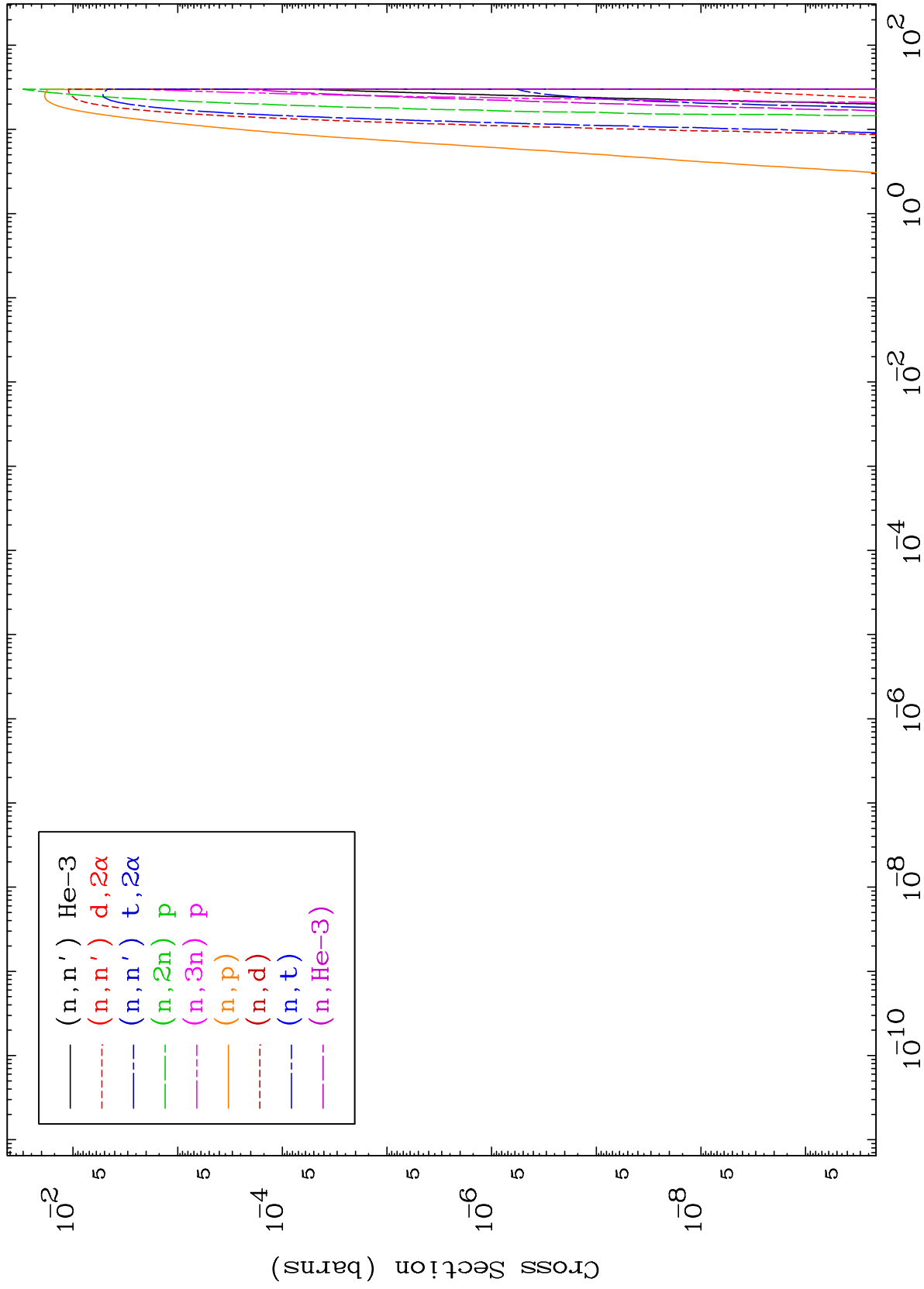
Charged Particle
293 Kelvin Cross Sections

88-Ra-221



88-Ra-221

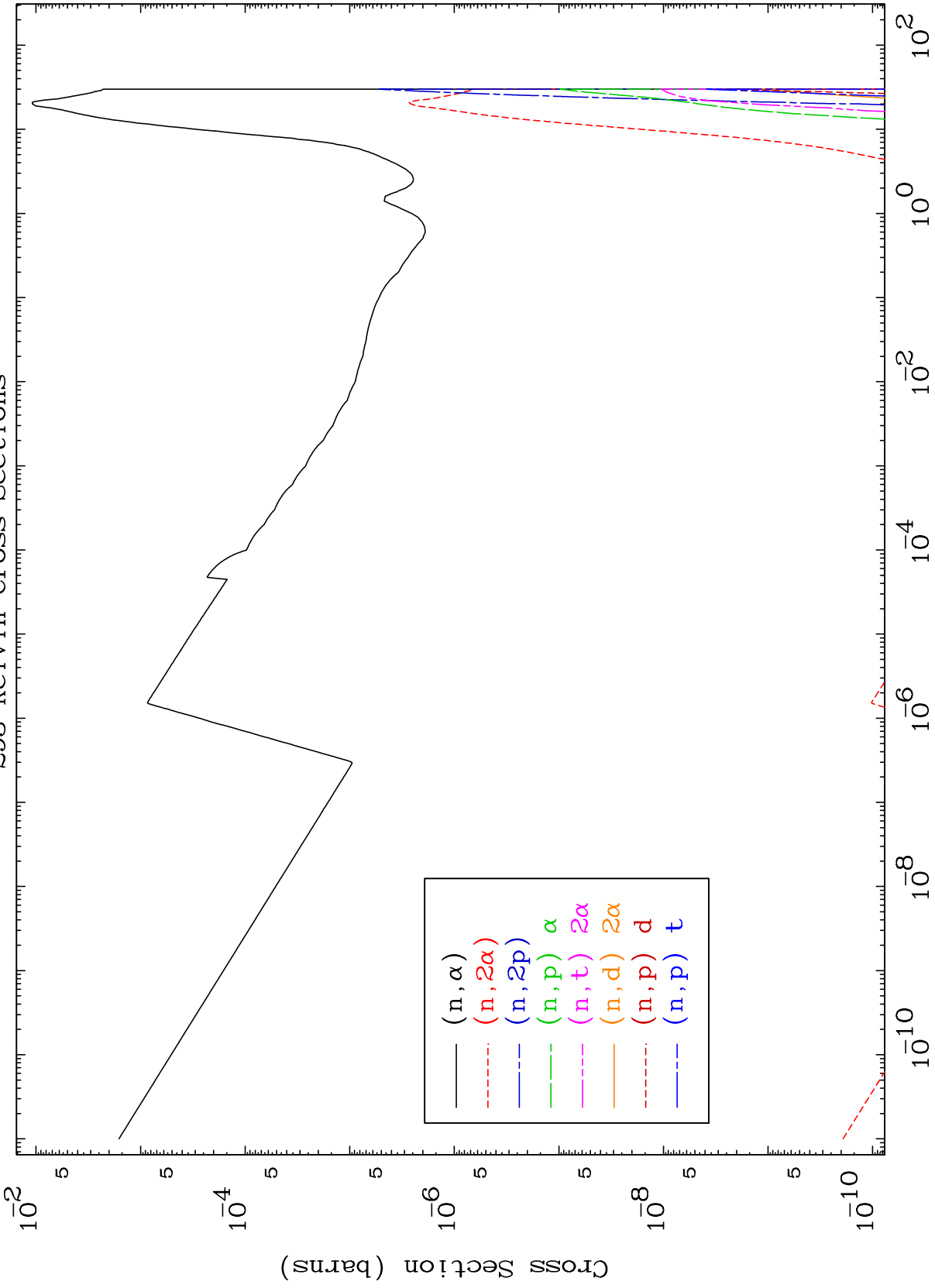
Incident Energy (MeV)



MAT 8819

293 Kelvin Cross Sections

88-Ra-221



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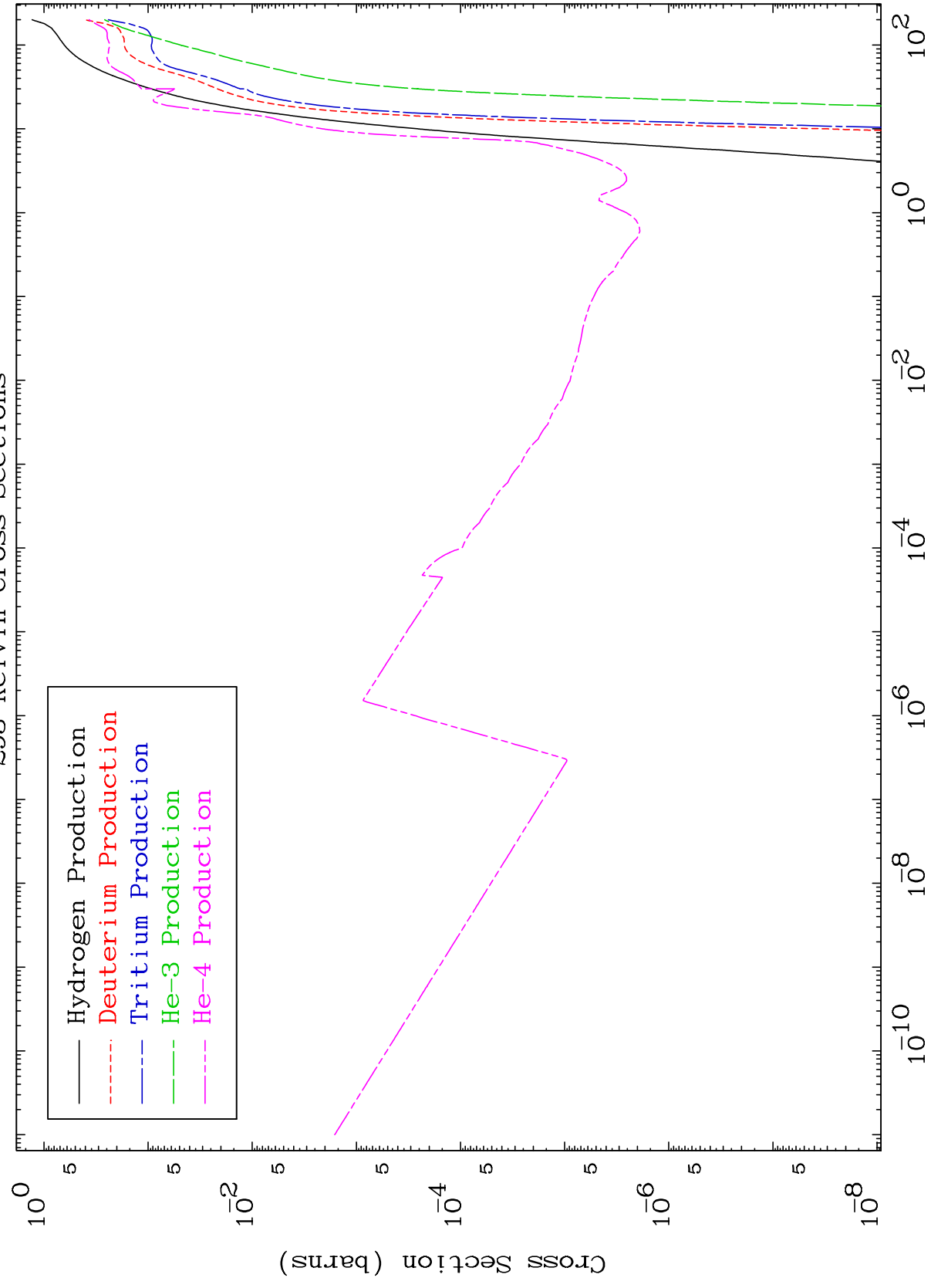
Incident Energy (MeV)

88-Ra-221

MAT 8819

Particle Production
293 Kelvin Cross Sections

88-Ra-221



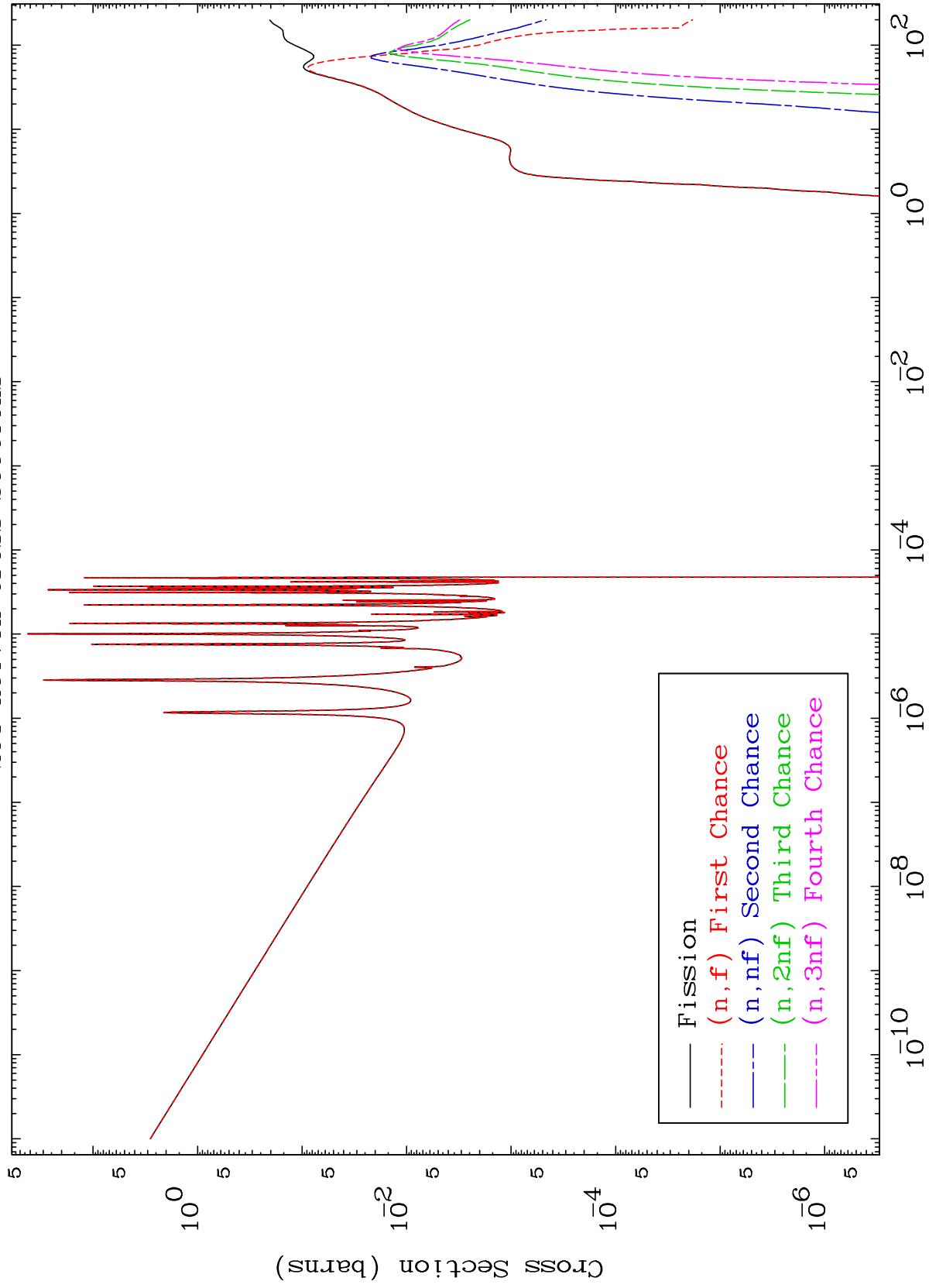
7

88-Ra-221

MAT 8819

Fission
293 Kelvin Cross Sections

88-Ra-221

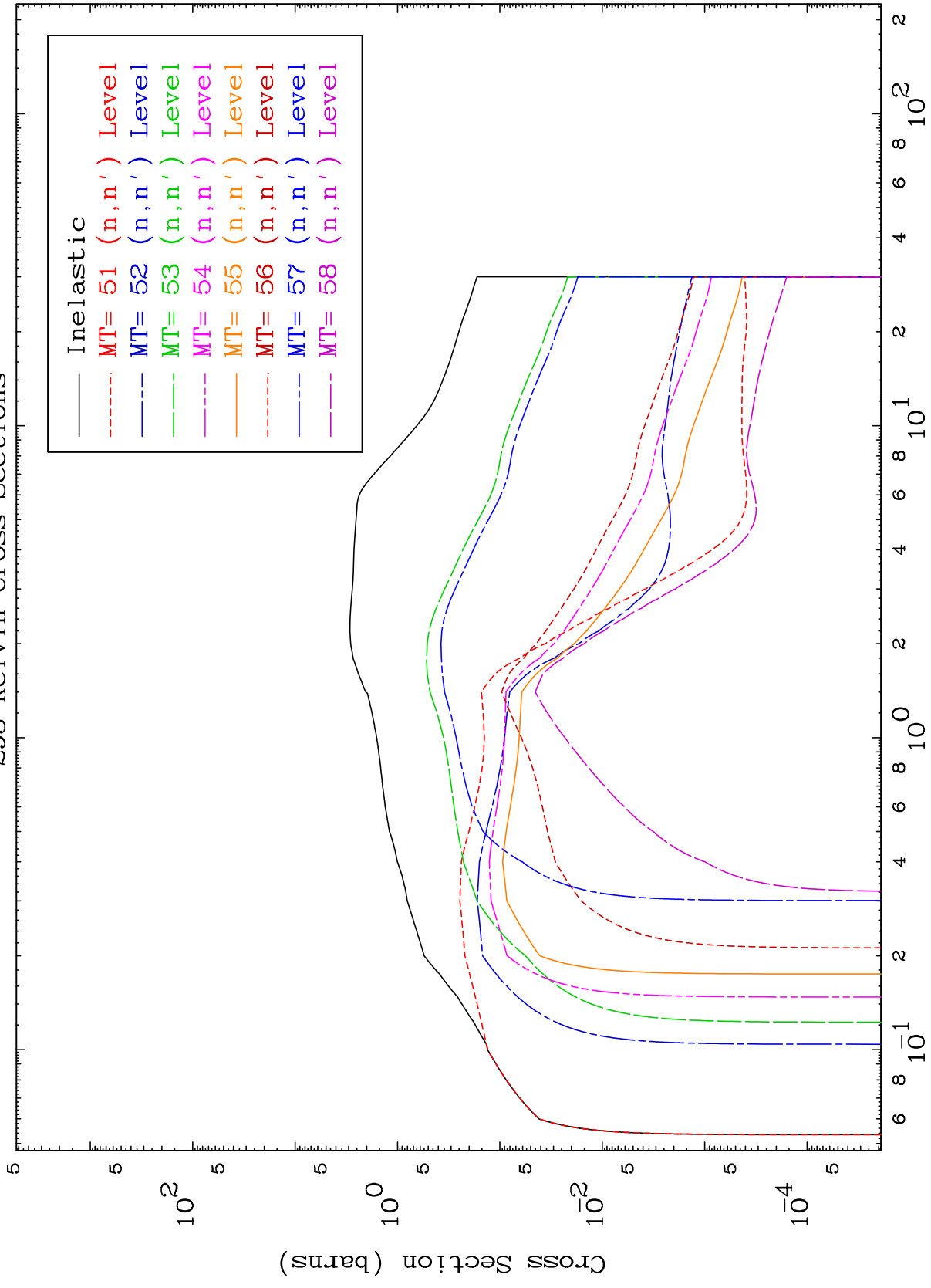


MAT 8819

(n,n') Level

88-Ra-221

293 Kelvin Cross Sections



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Incident Energy (MeV)

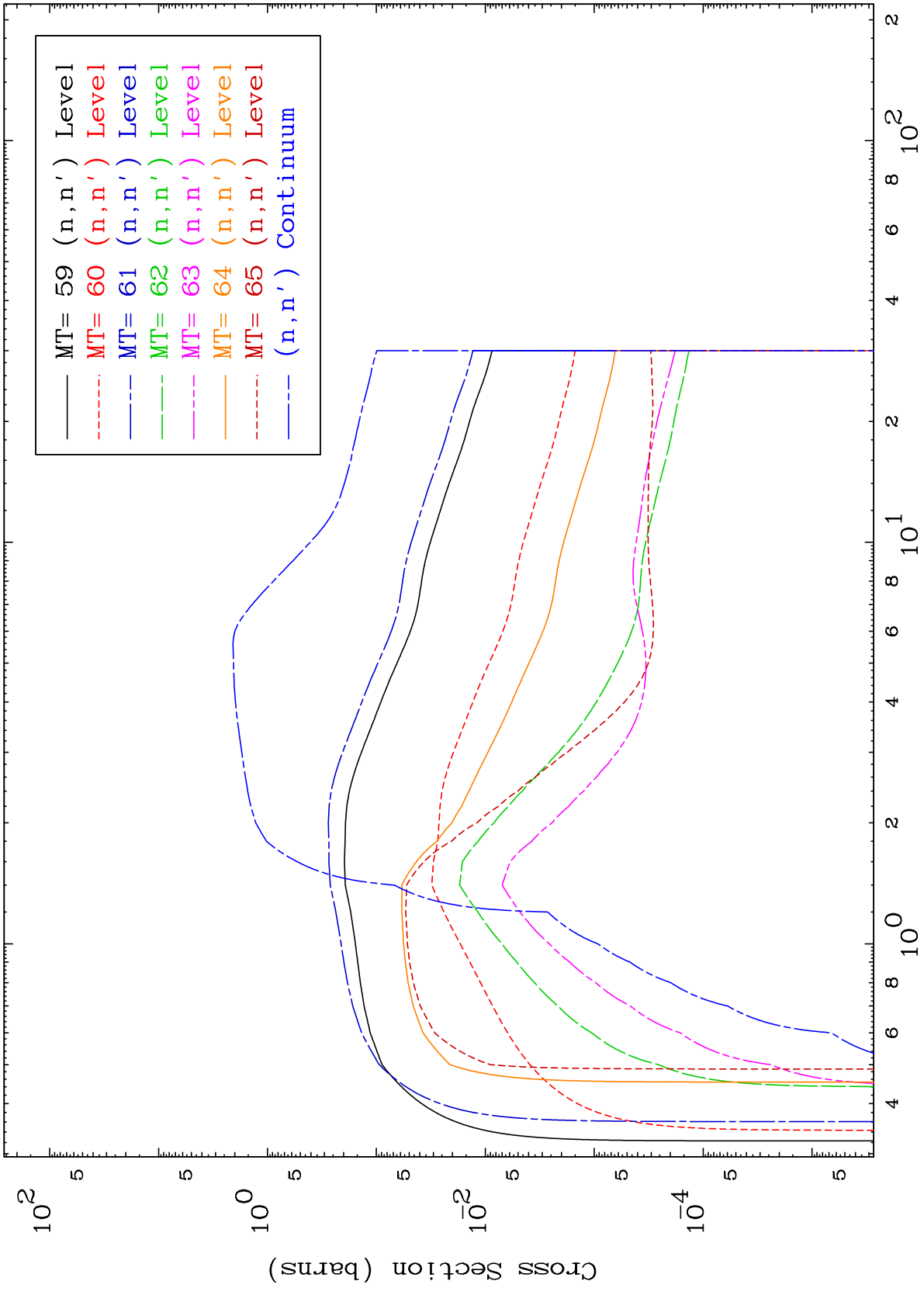
88-Ra-221

MAT 8819

(n,n') Level

88-Ra-221

293 Kelvin Cross Sections



10

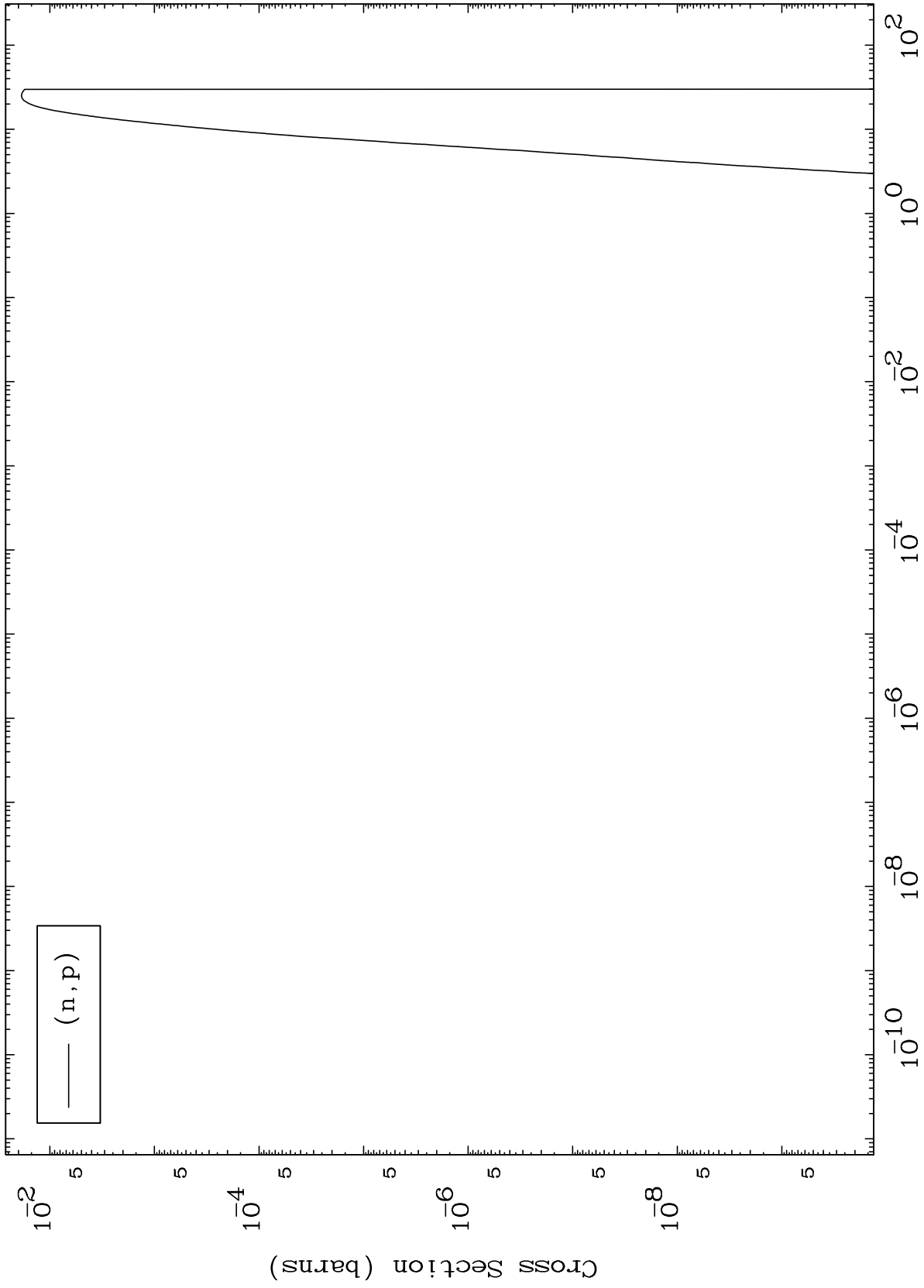
Incident Energy (MeV)

88-Ra-221

MAT 8819

(n,p) Levels
293 Kelvin Cross Sections

88-Ra-221



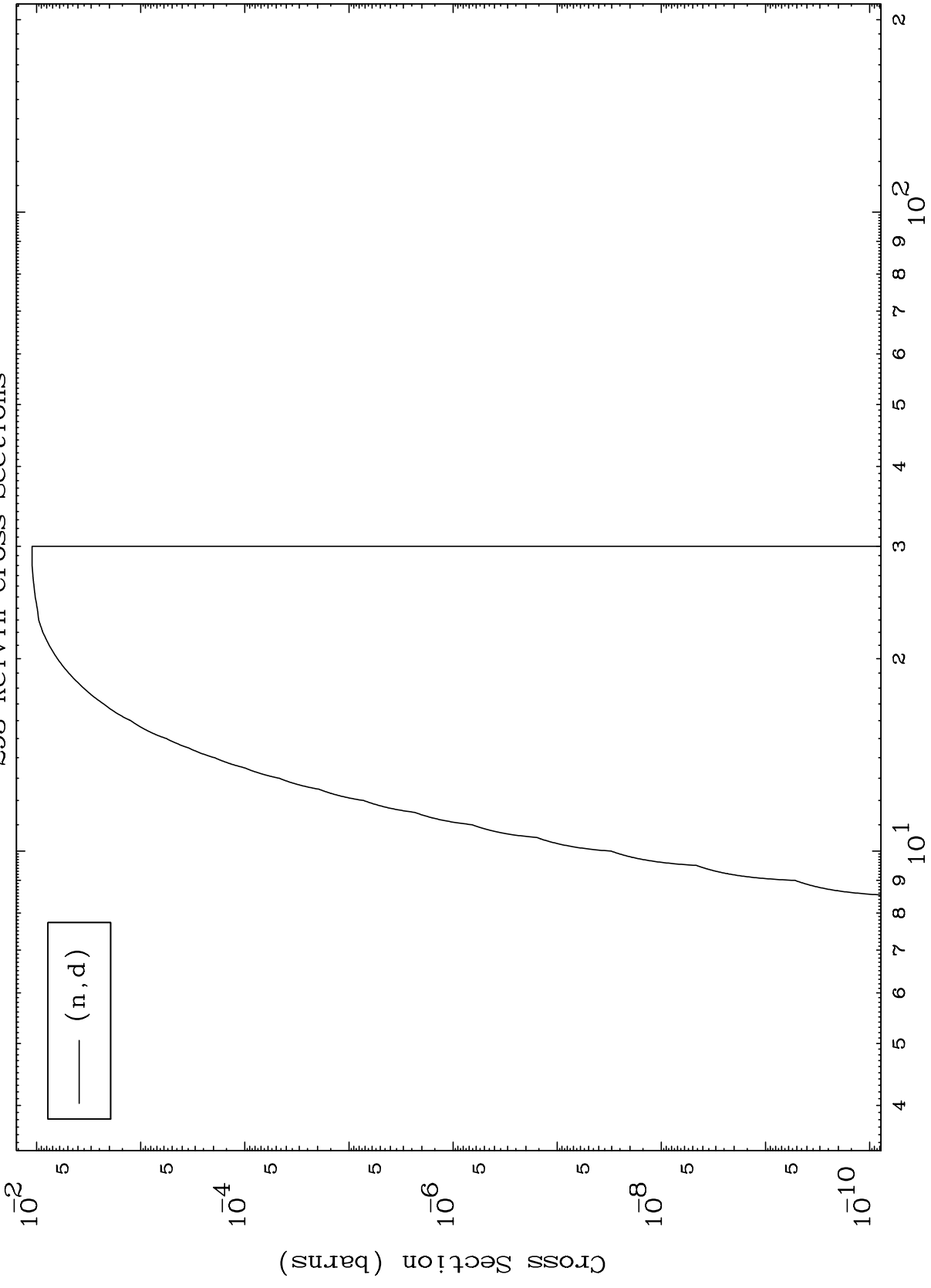
11

88-Ra-221

MAT 8819

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-221



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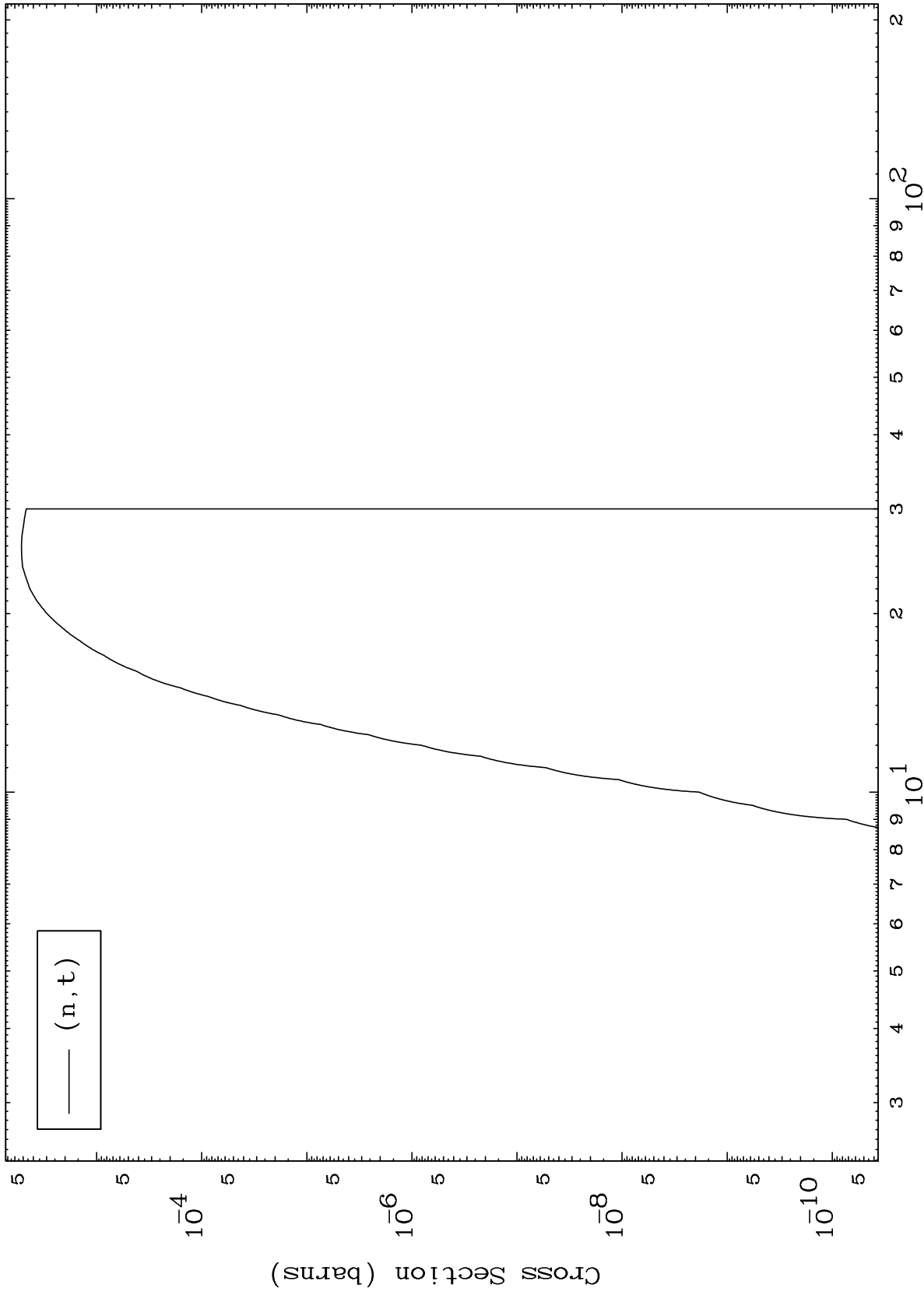
Incident Energy (MeV)

88-Ra-221

MAT 8819

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-221



13

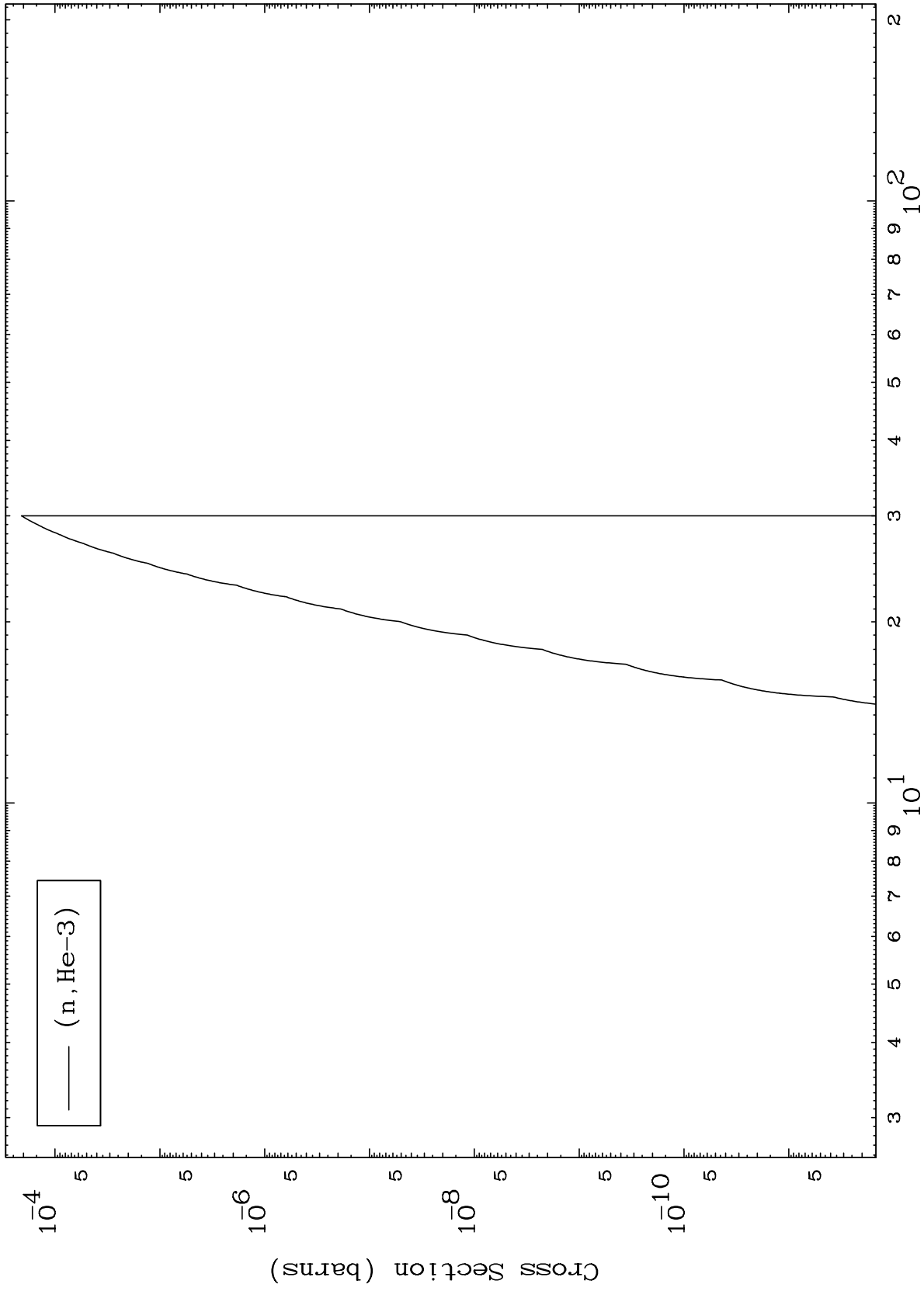
Incident Energy (MeV)

88-Ra-221

MAT 8819

(n,He3) Levels
293 Kelvin Cross Sections

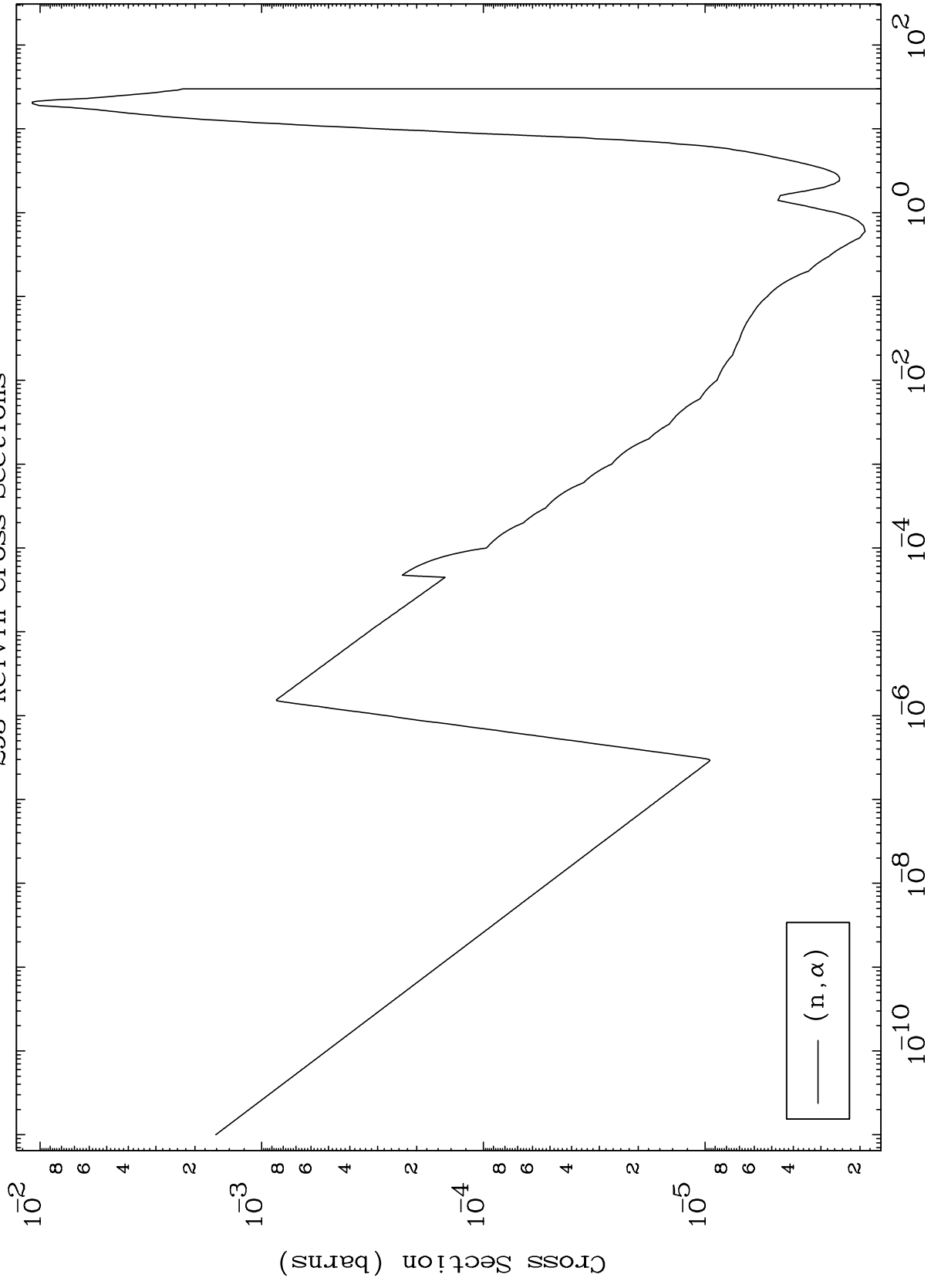
88-Ra-221



MAT 8819

(n,α) Levels
293 Kelvin Cross Sections

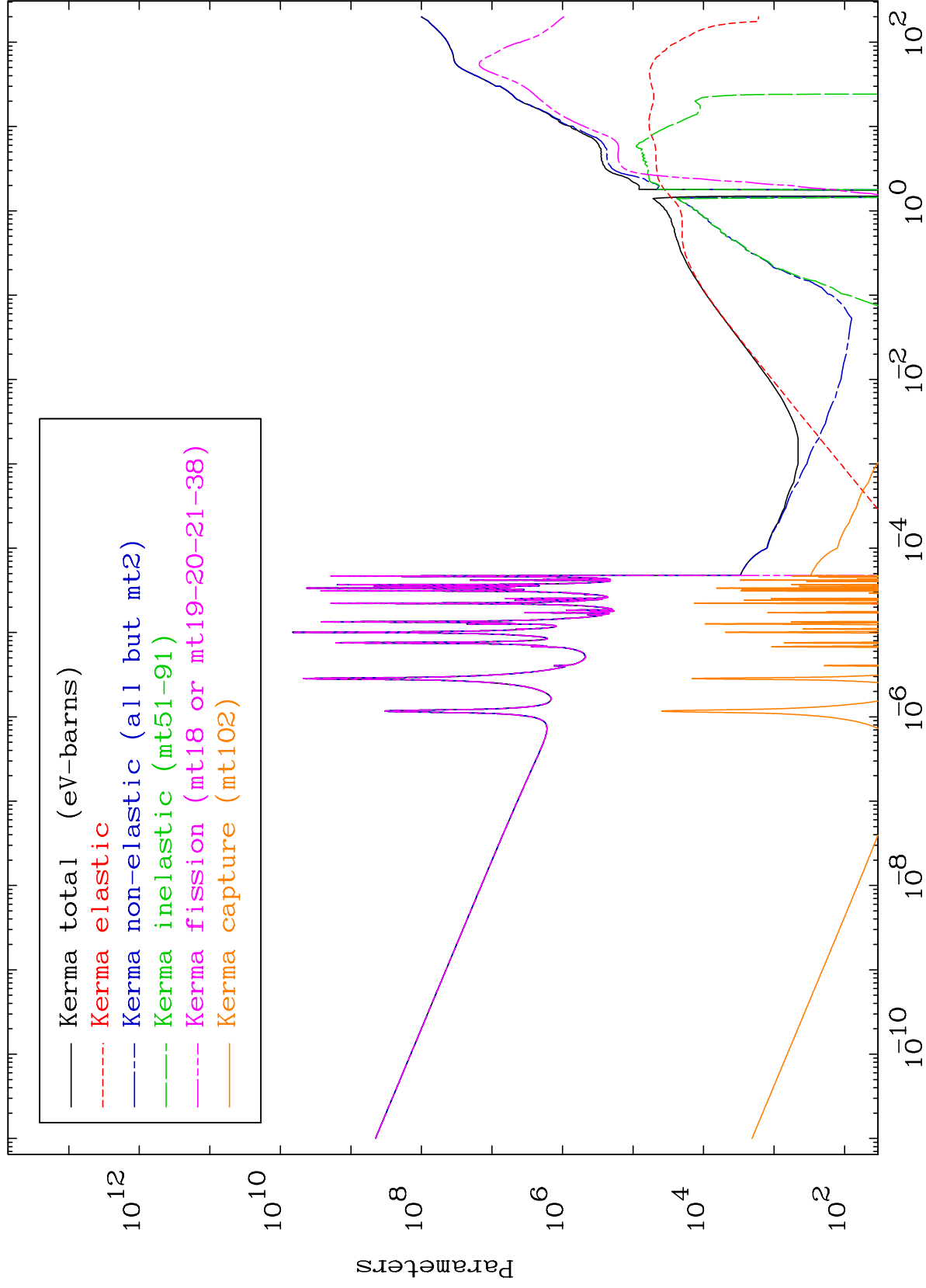
88-Ra-221

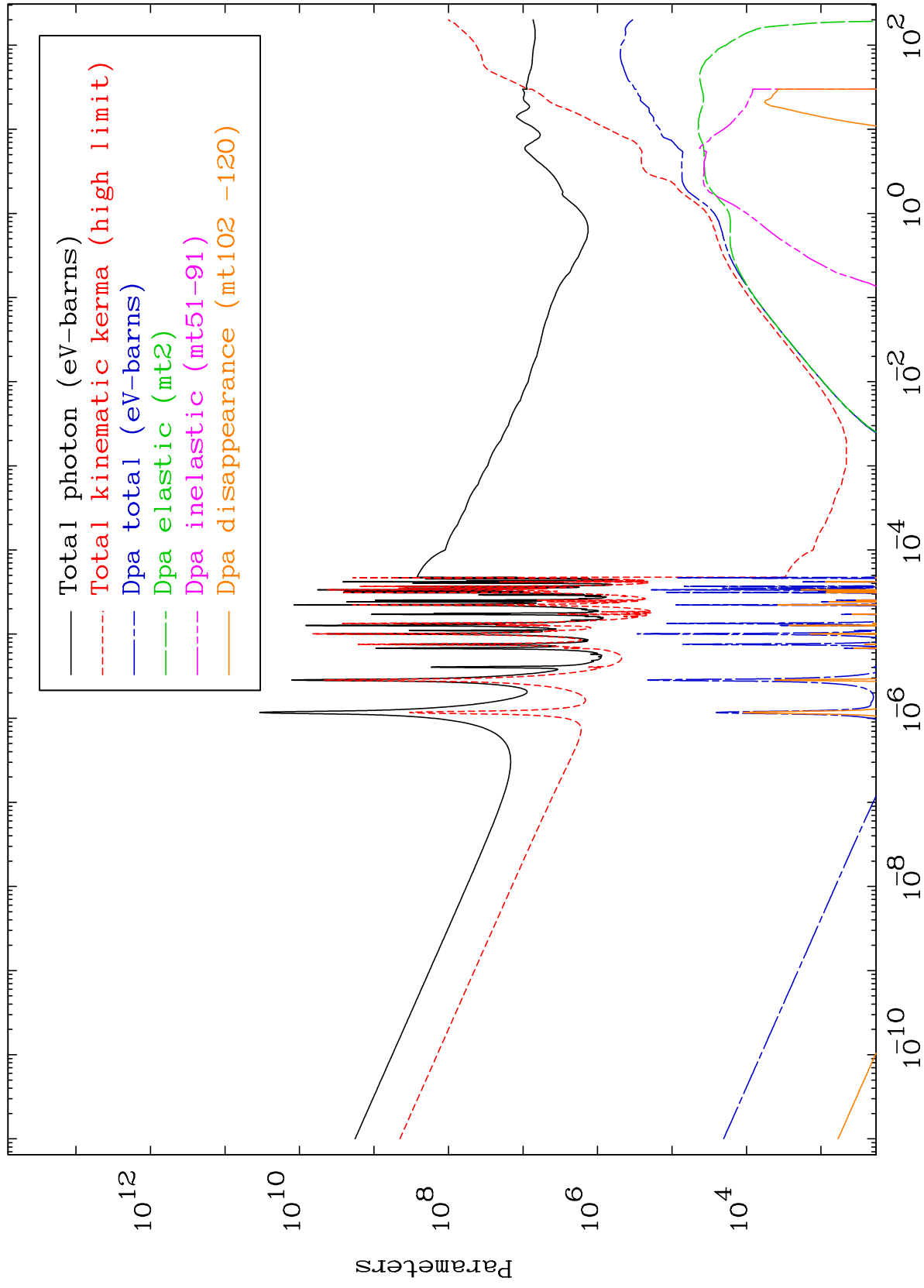


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Incident Energy (MeV)

88-Ra-221

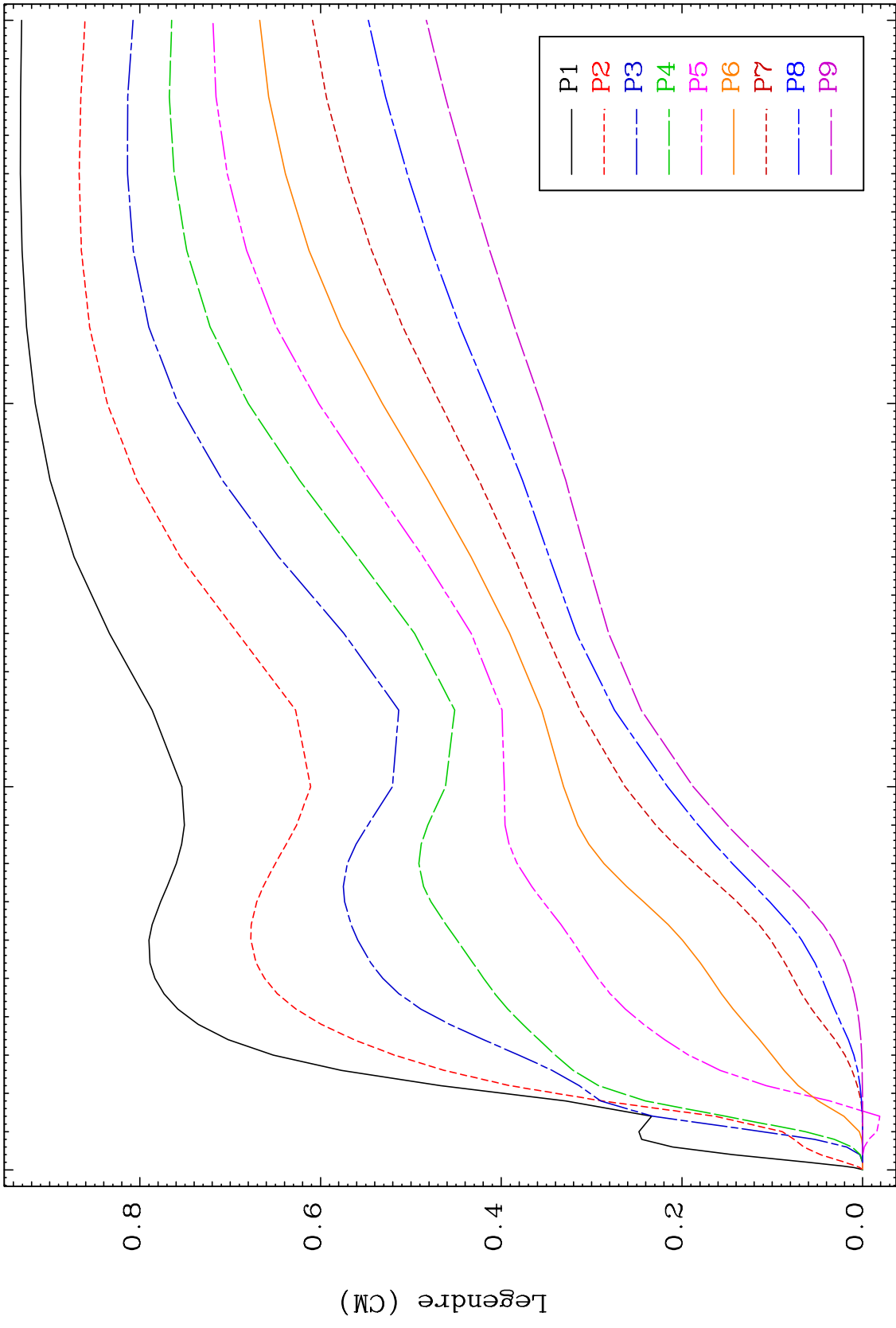




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88-Ra-221

Elastic Legendre Coefficients



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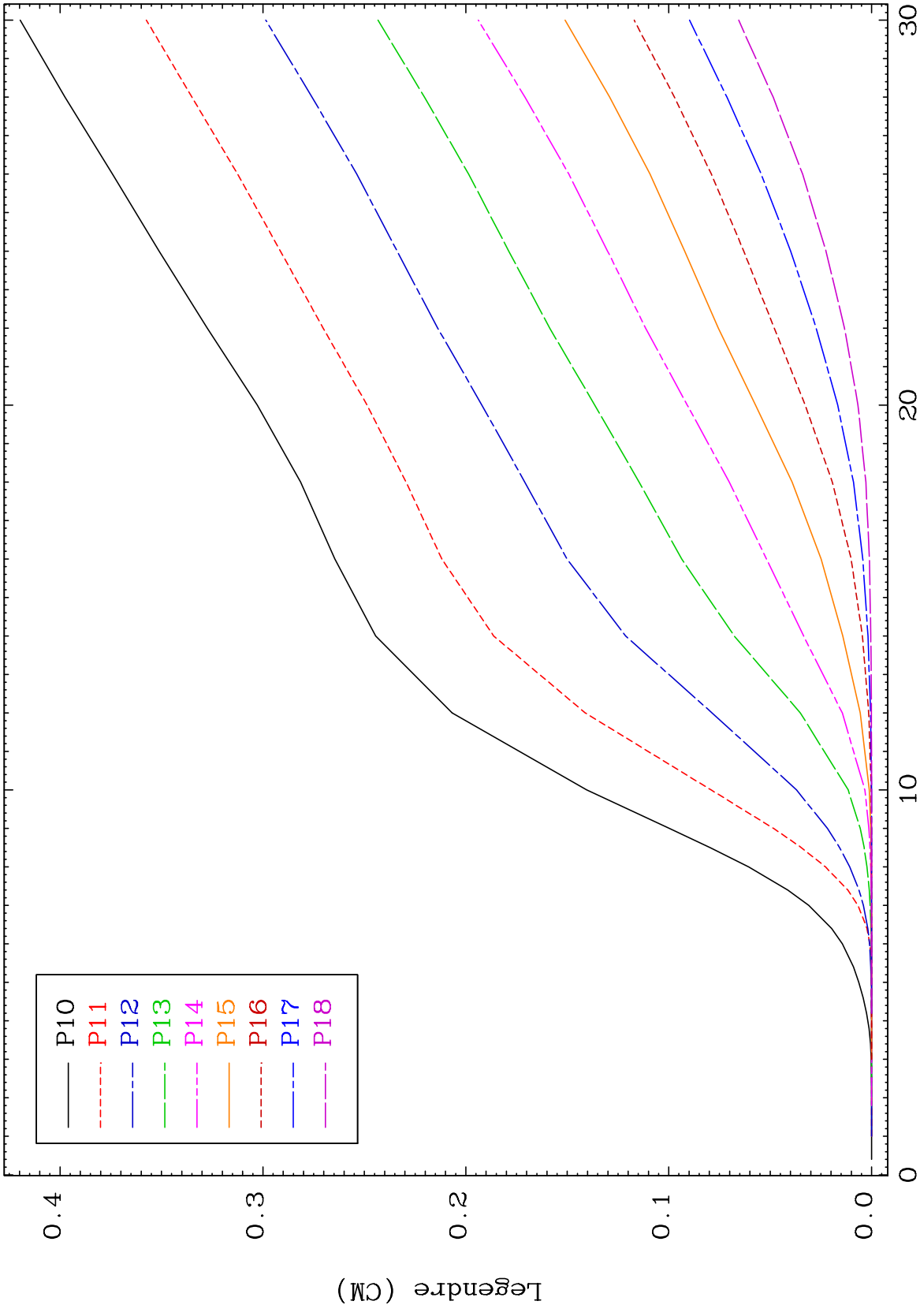
Incident Energy (MeV)

88-Ra-221

MAT 8819

Elastic Legendre Coefficients

88-Ra-221



19

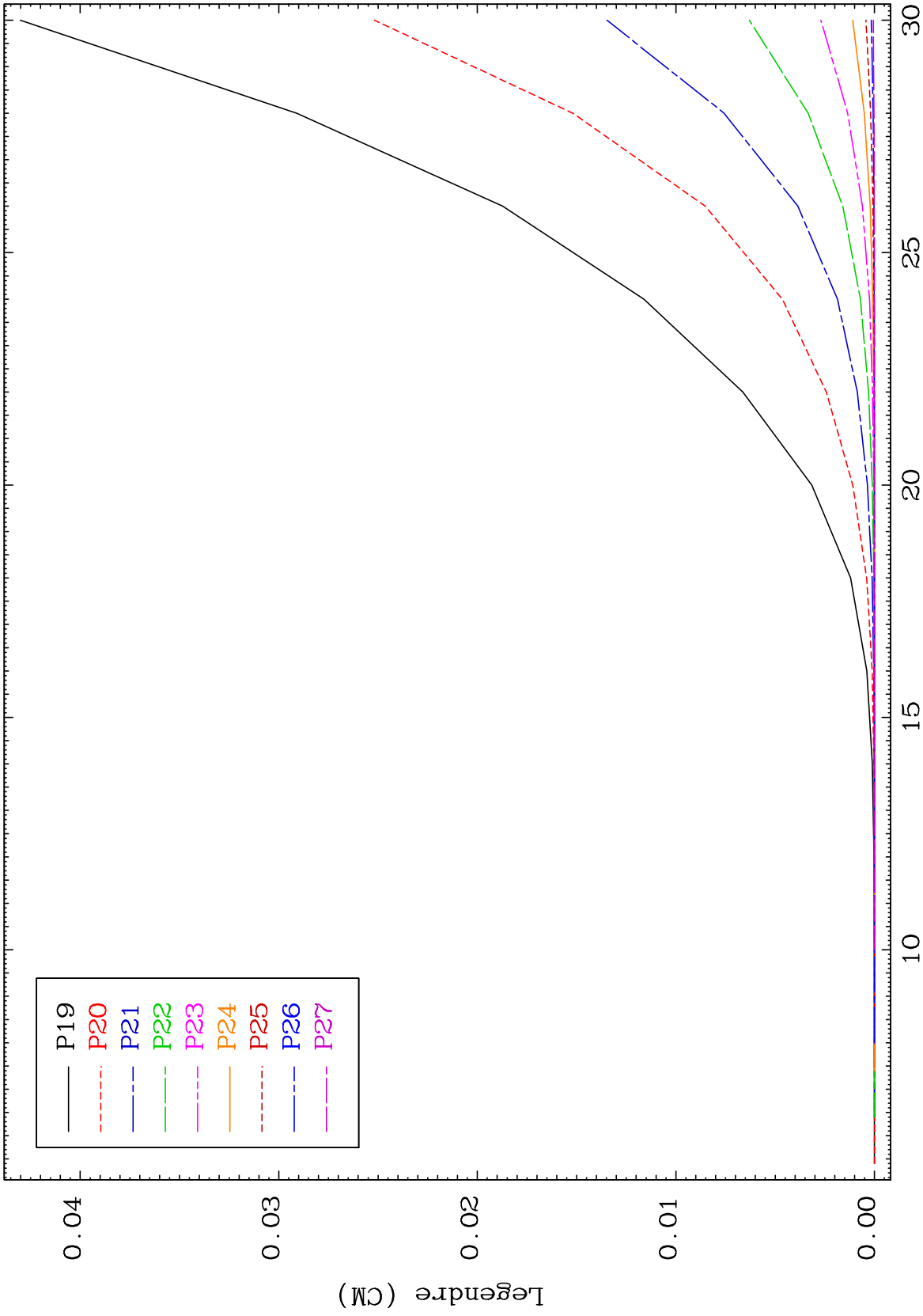
Incident Energy (MeV)

88-Ra-221

MAT 8819

Elastic Legendre Coefficients

88-Ra-221



20

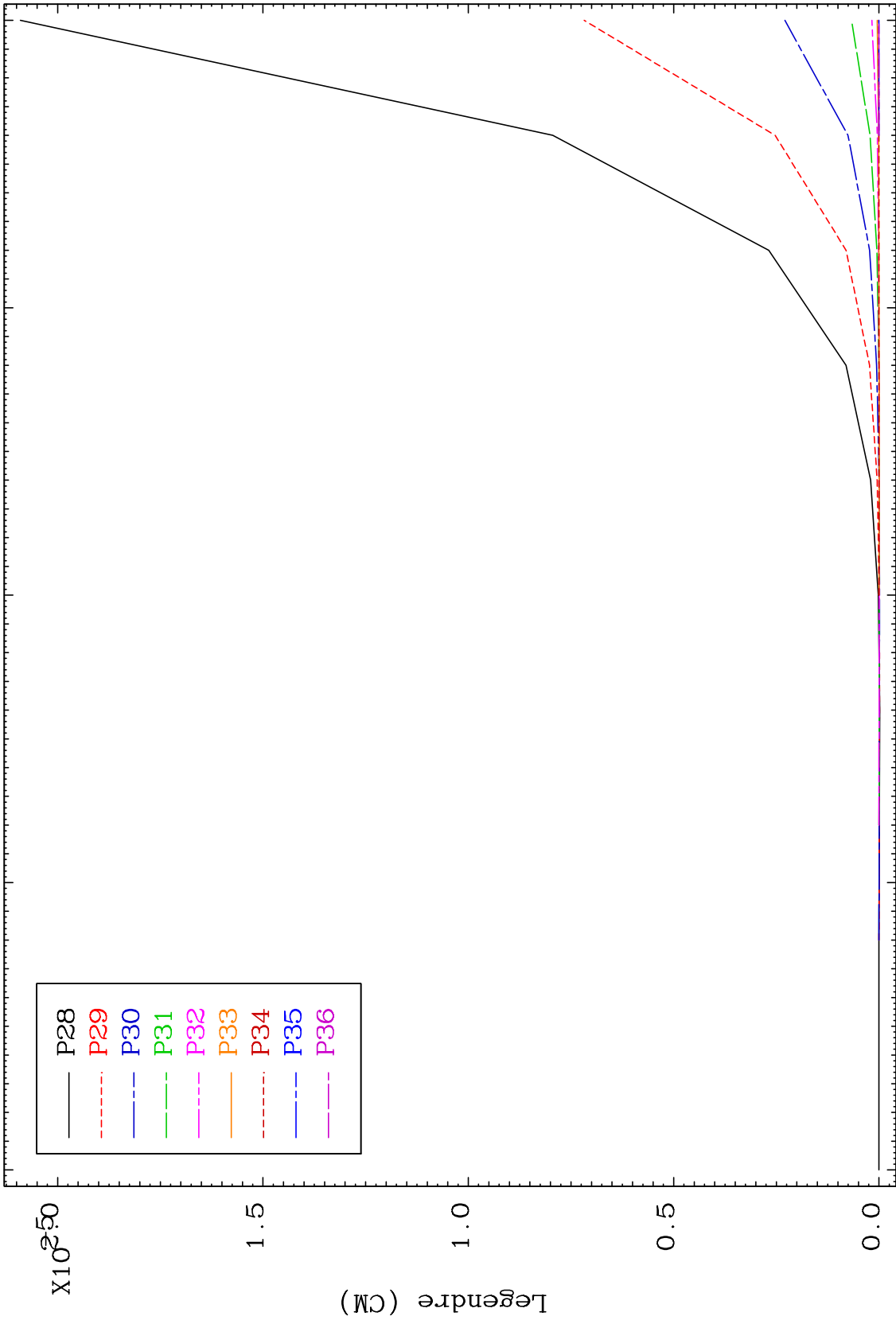
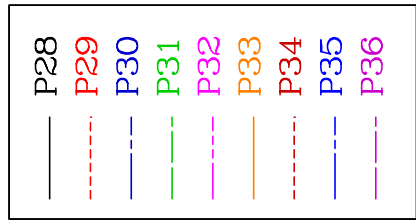
Incident Energy (MeV)

88-Ra-221

MAT 8819

Elastic Legendre Coefficients

88-Ra-221



21

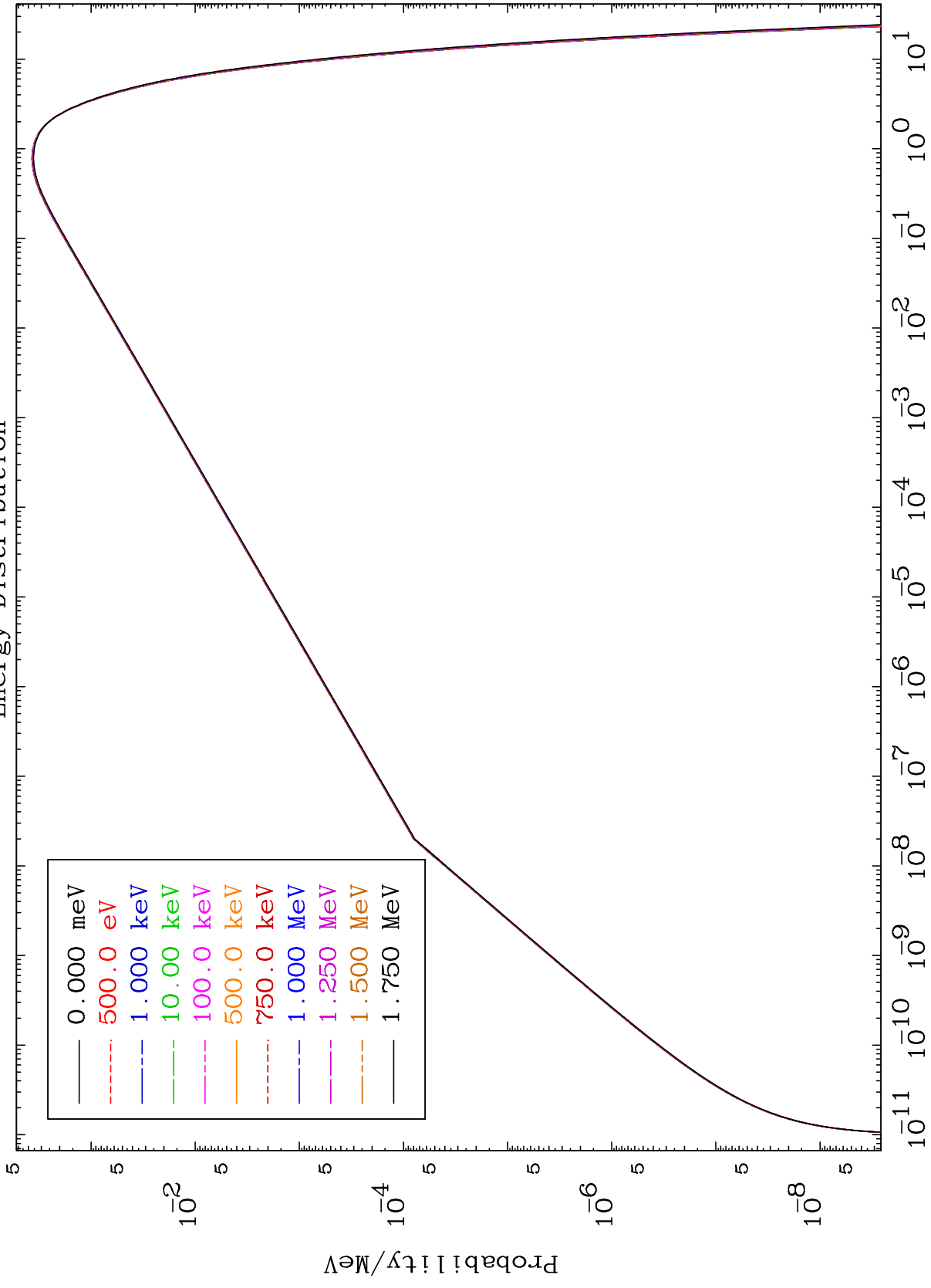
Incident Energy (MeV)

88-Ra-221

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Fission Energy Distribution

88-Ra-221

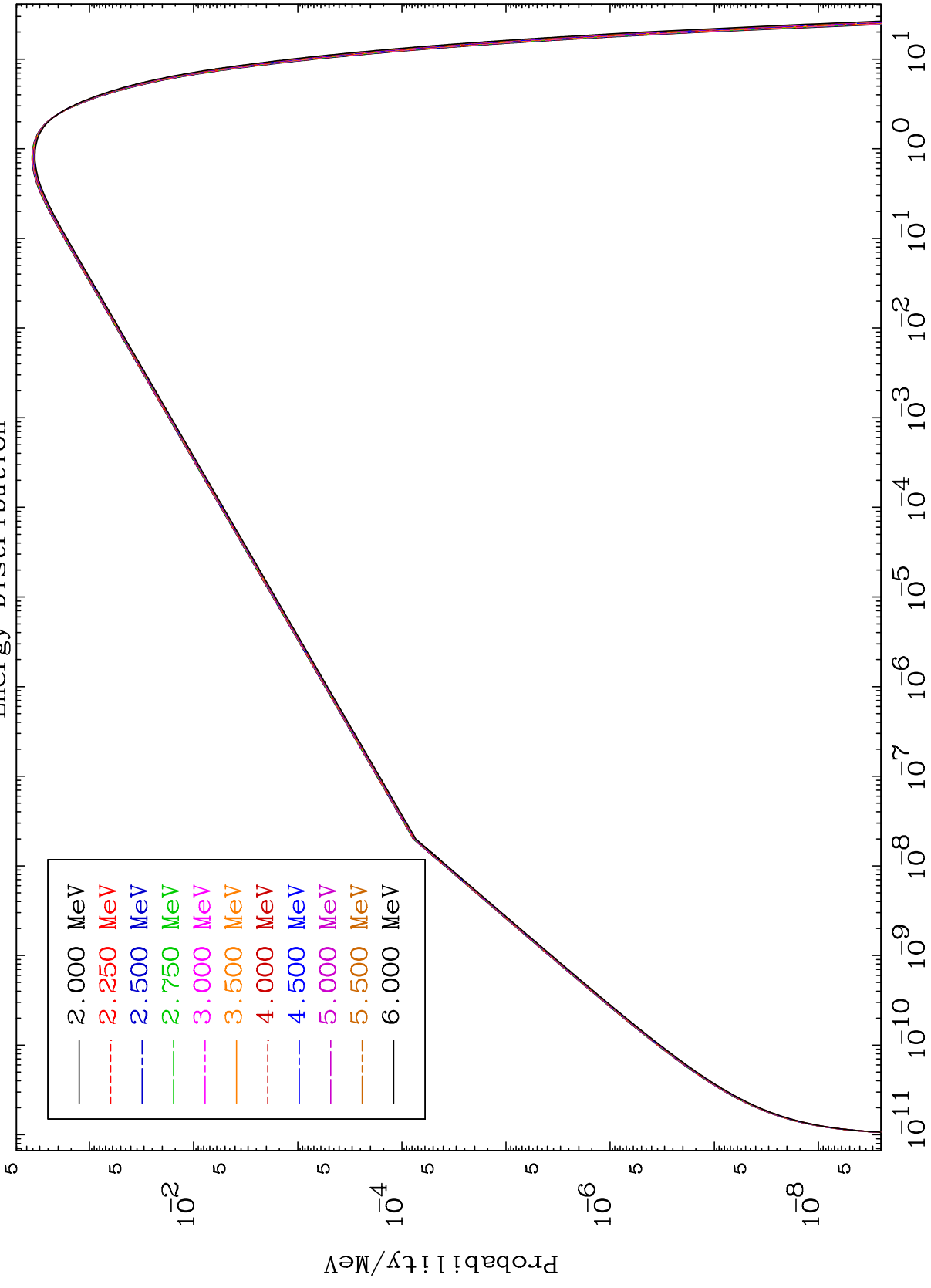


88-Ra-221

MAT 8819

Fission Energy Distribution

88-Ra-221

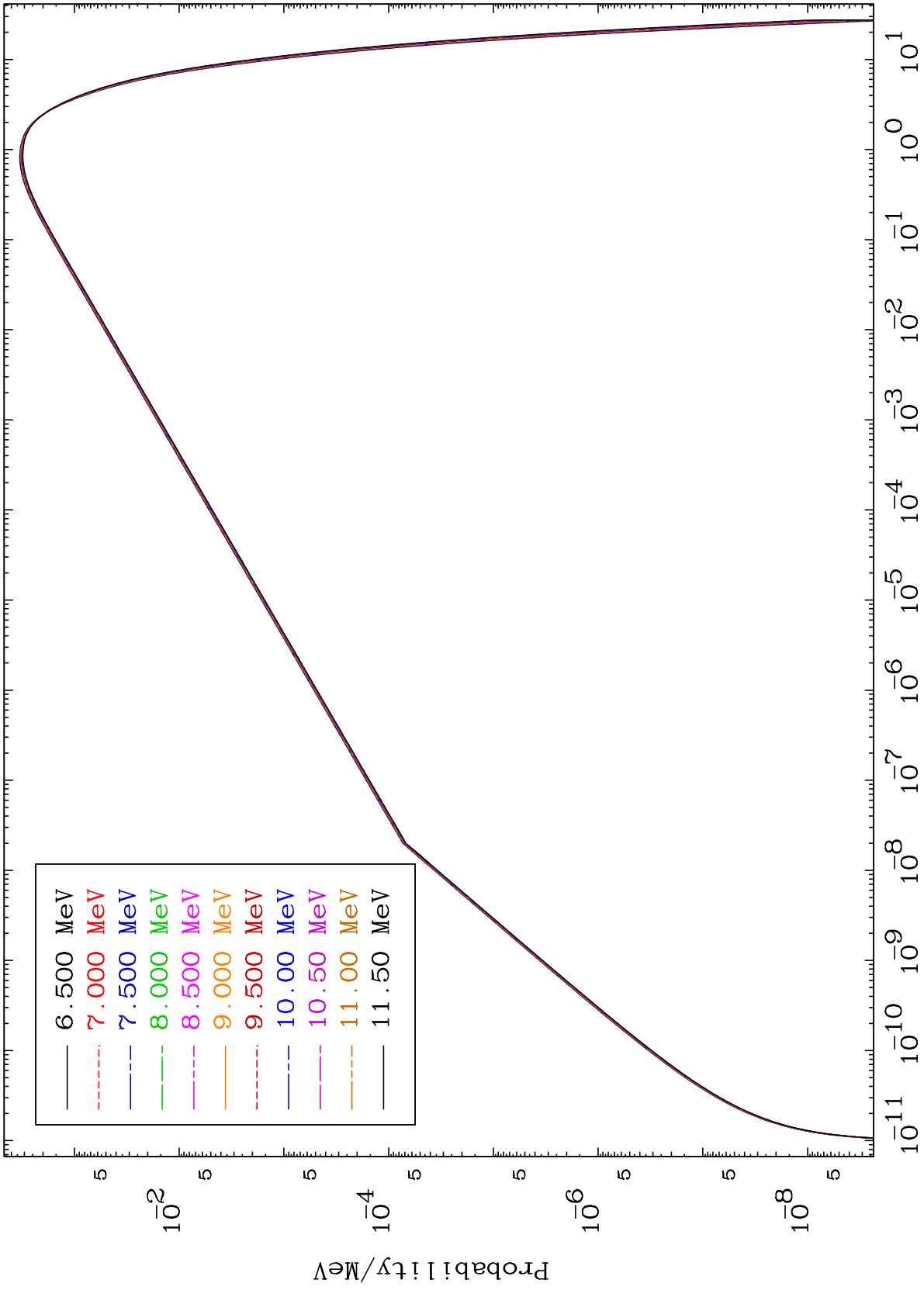


88-Ra-221

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Fission Energy Distribution

88-Ra-221

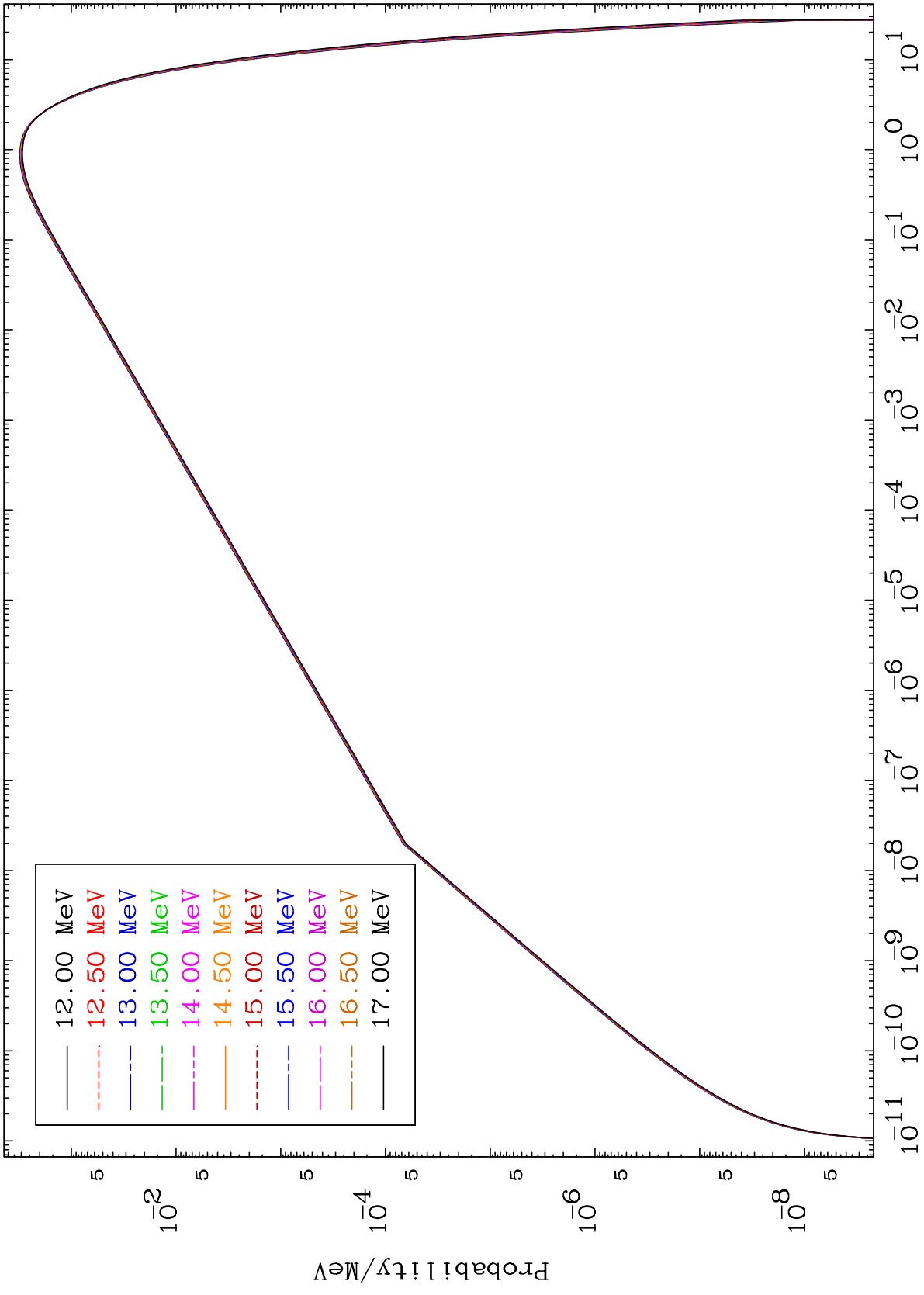


88-Ra-221

MAT 8819

Fission Energy Distribution

88-Ra-221

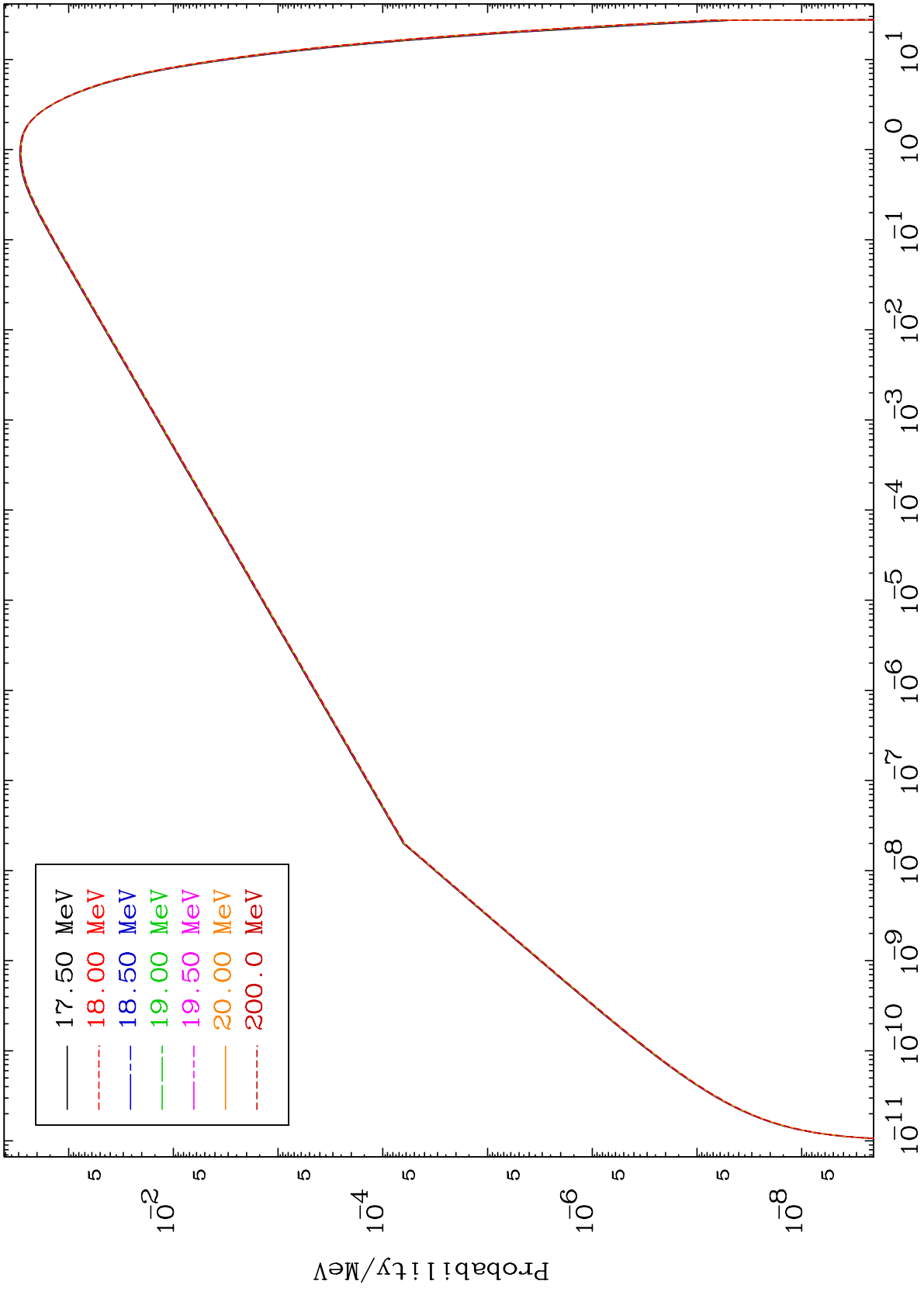


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Fission Energy Distribution

88-Ra-221



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

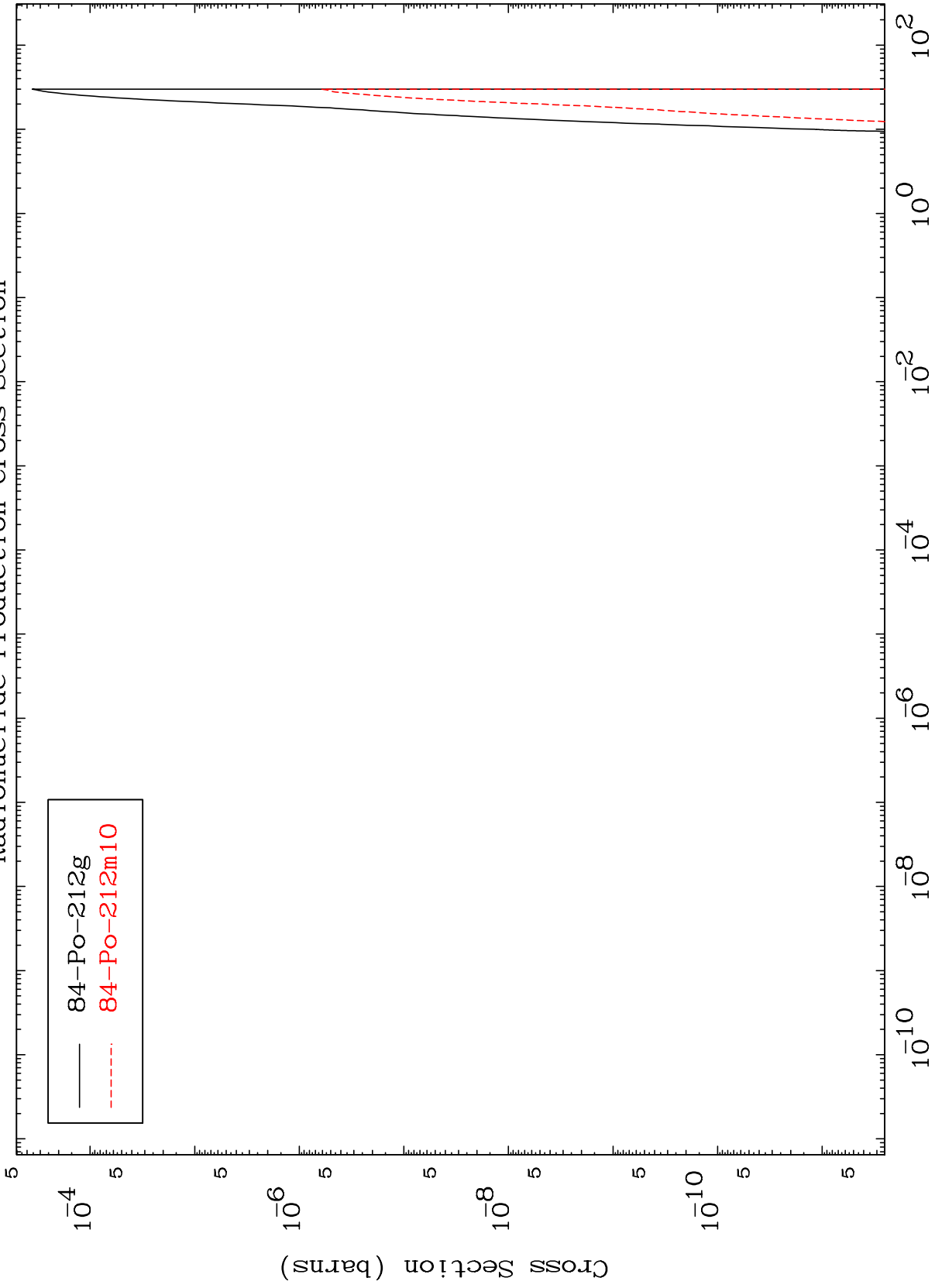
88-Ra-221

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(n,2n) 2 α

88-Ra-221

Radionuclide Production Cross Section



27

Incident Energy (MeV)

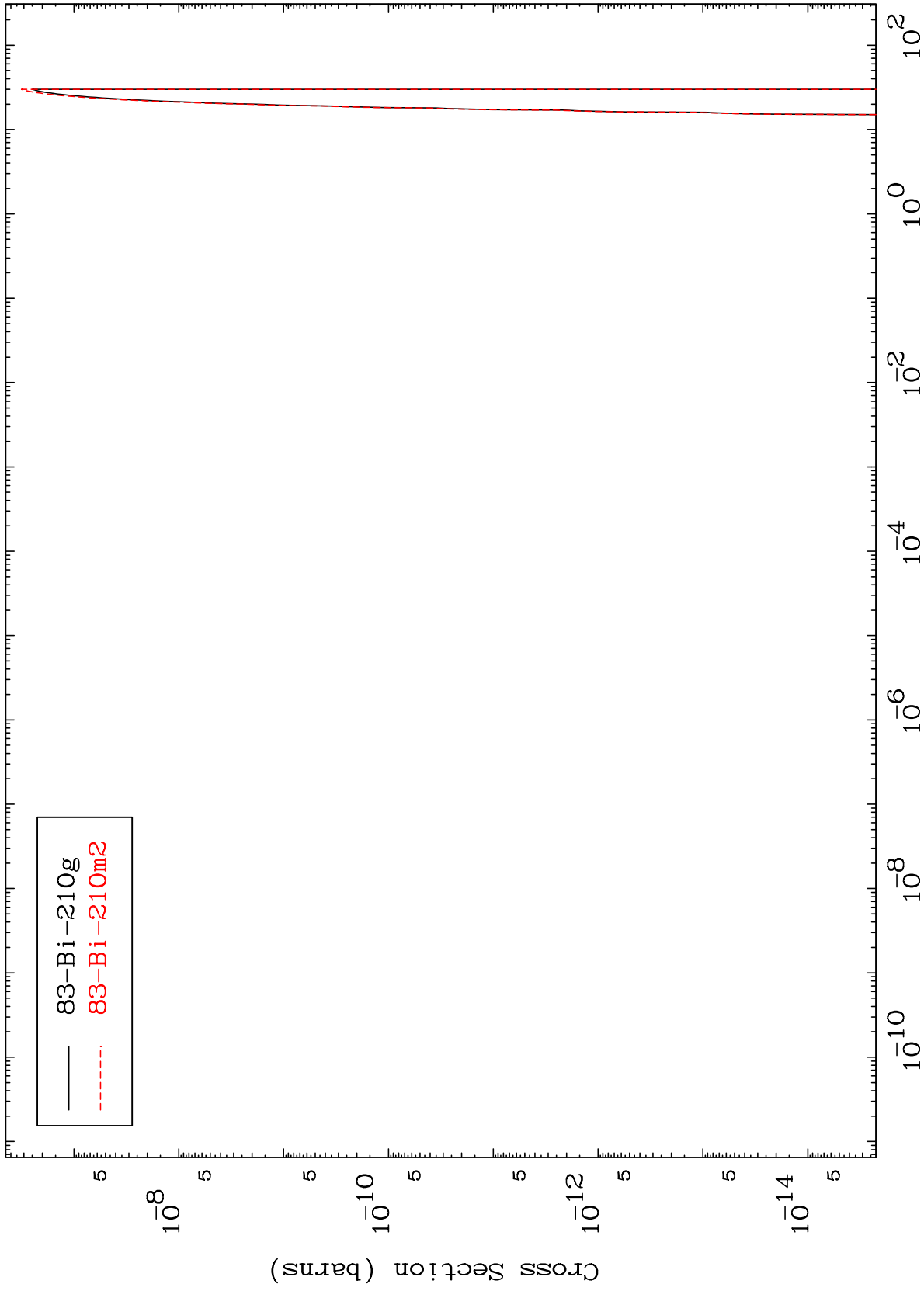
88-Ra-221

MAT 8819

(n,n') t,2α

88-Ra-221

Radionuclide Production Cross Section



28

Incident Energy (MeV)

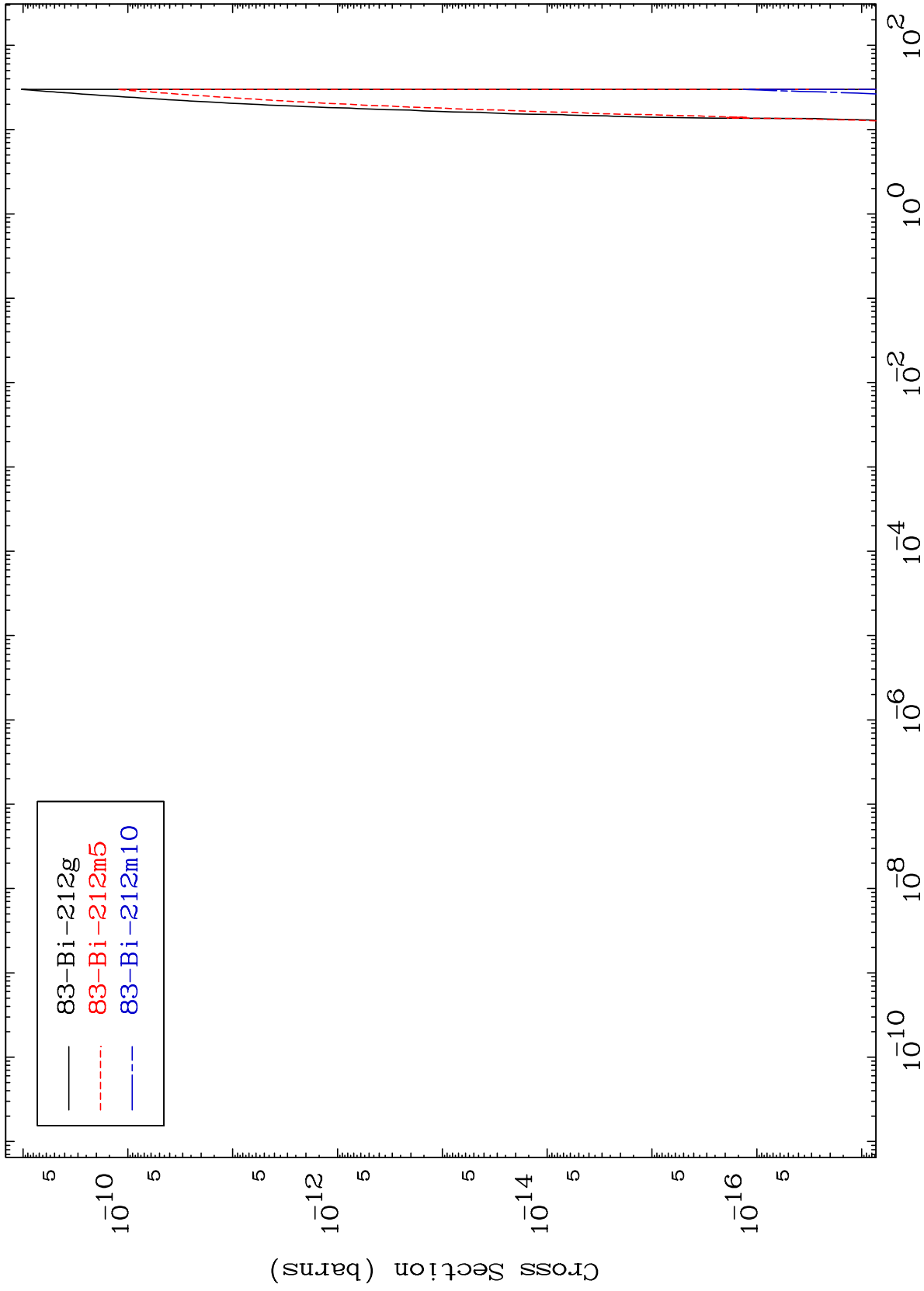
88-Ra-221

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(n,d) 2α

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Radionuclide Production Cross Section



29

Incident Energy (MeV)

88-Ra-221