

Program EVALPLOT
(Version 2015-2)

by

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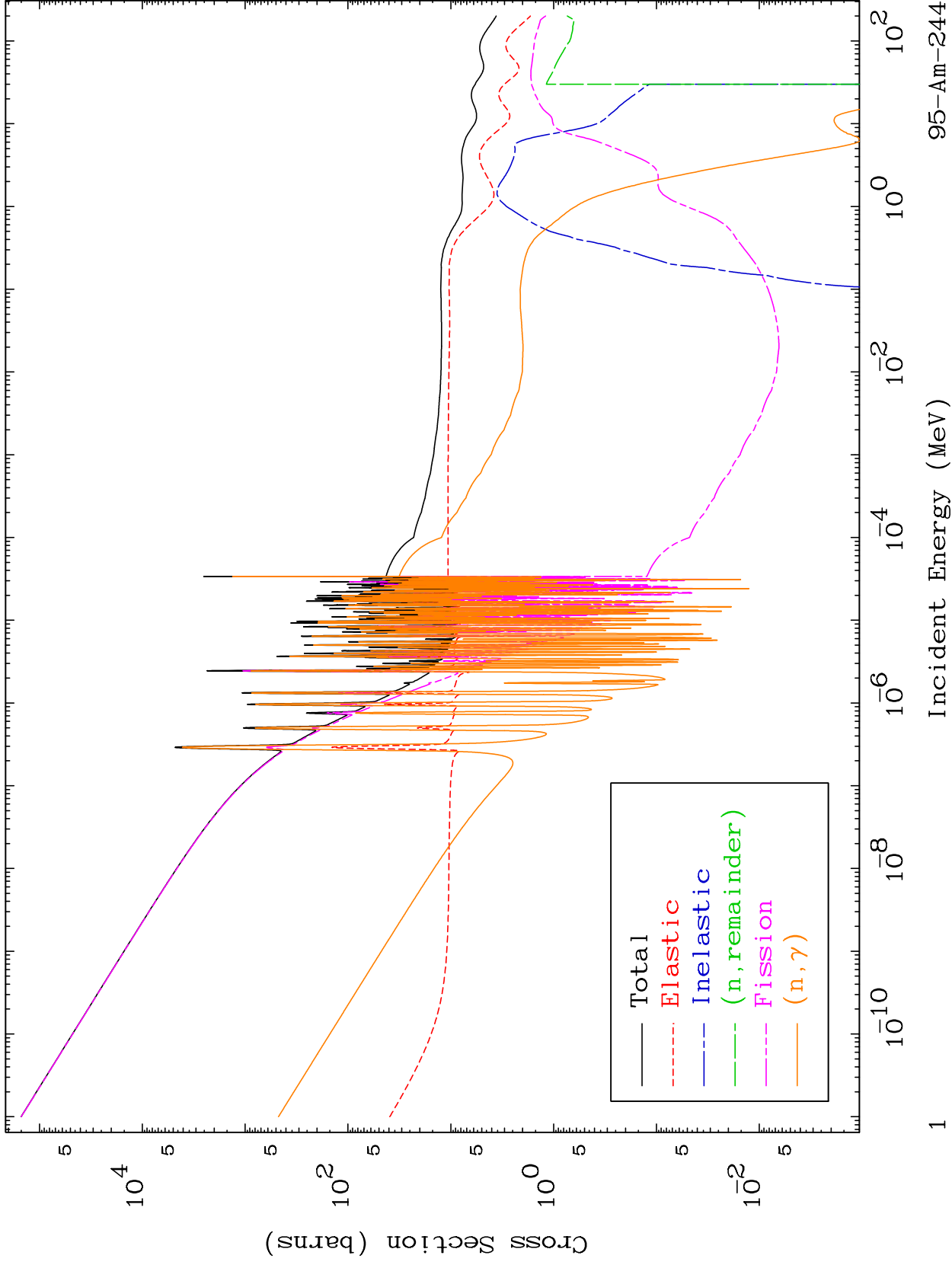
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9552

Major
293 Kelvin Cross Sections

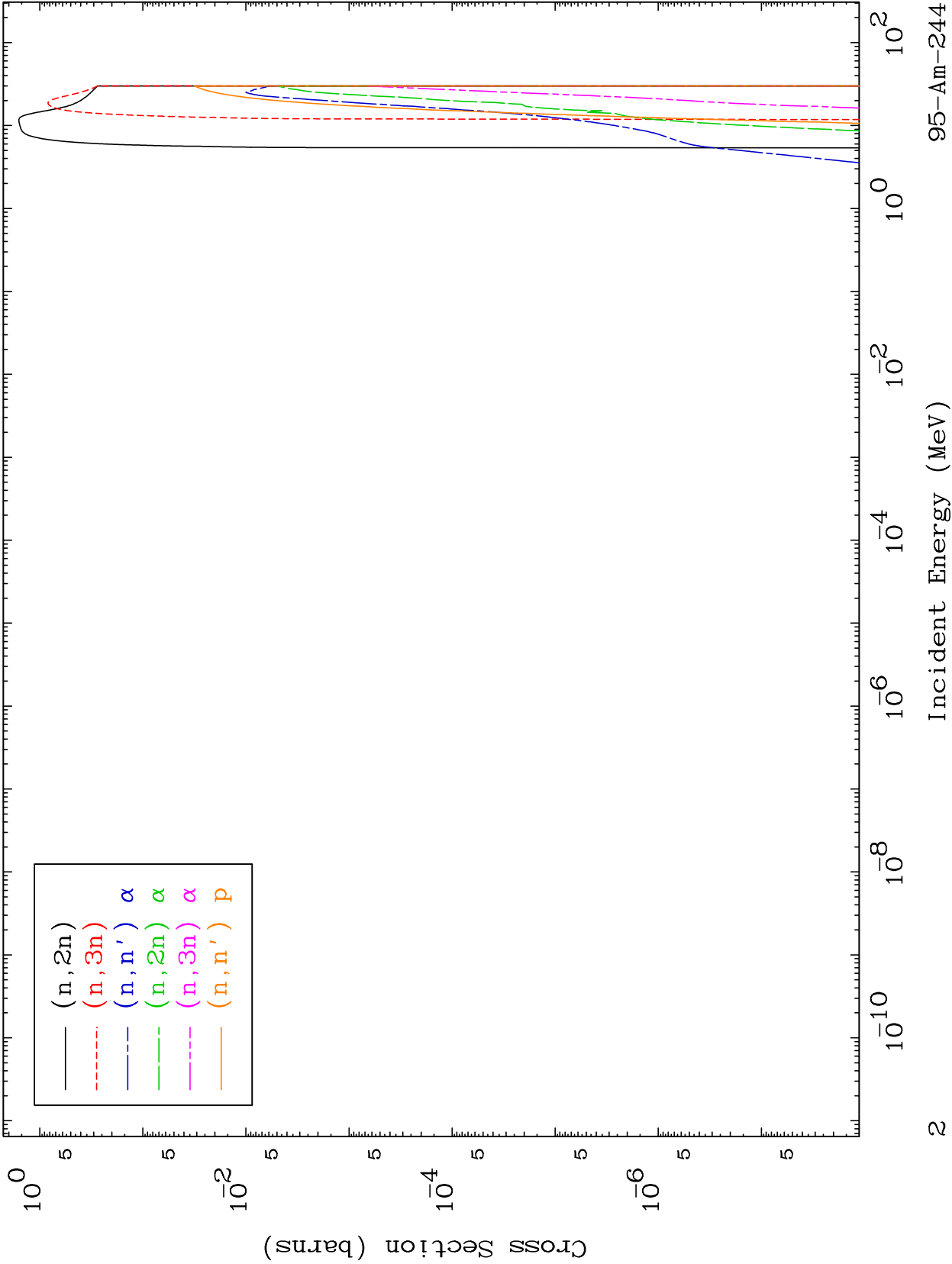
95-Am-244

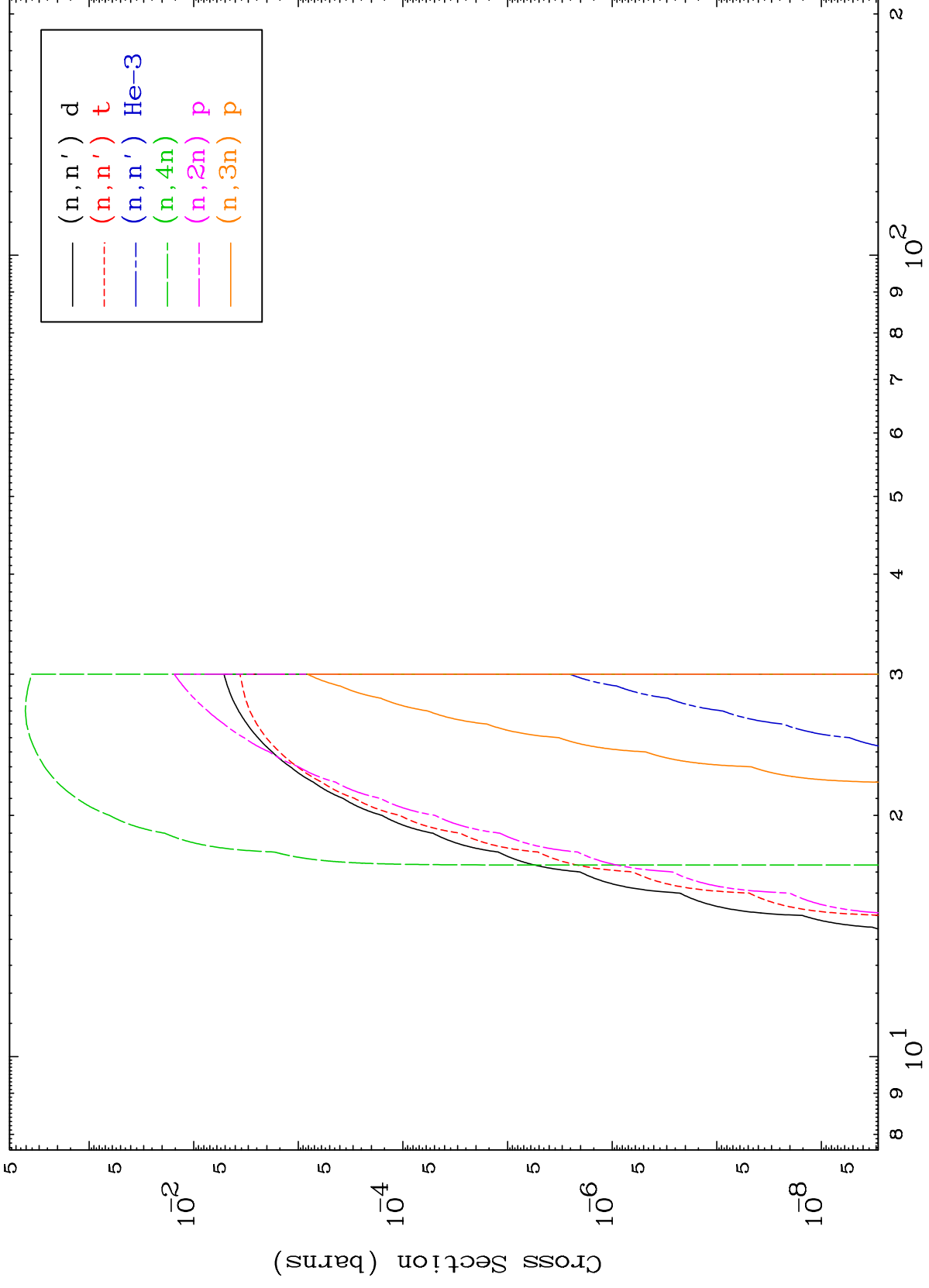


MAT 9552

Neutron Production
293 Kelvin Cross Sections

95-Am-244

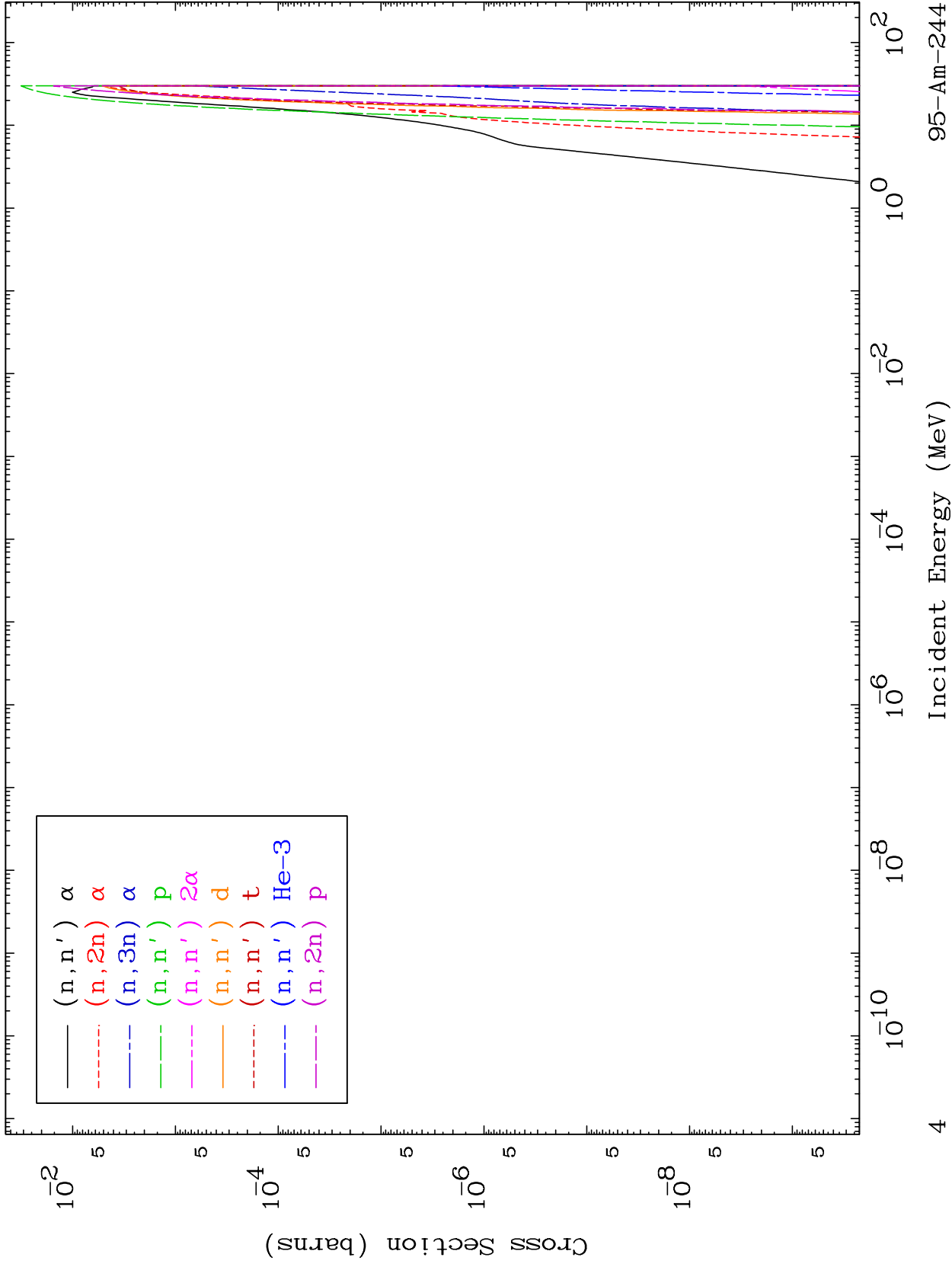




MAT 9552

Charged Particle
293 Kelvin Cross Sections

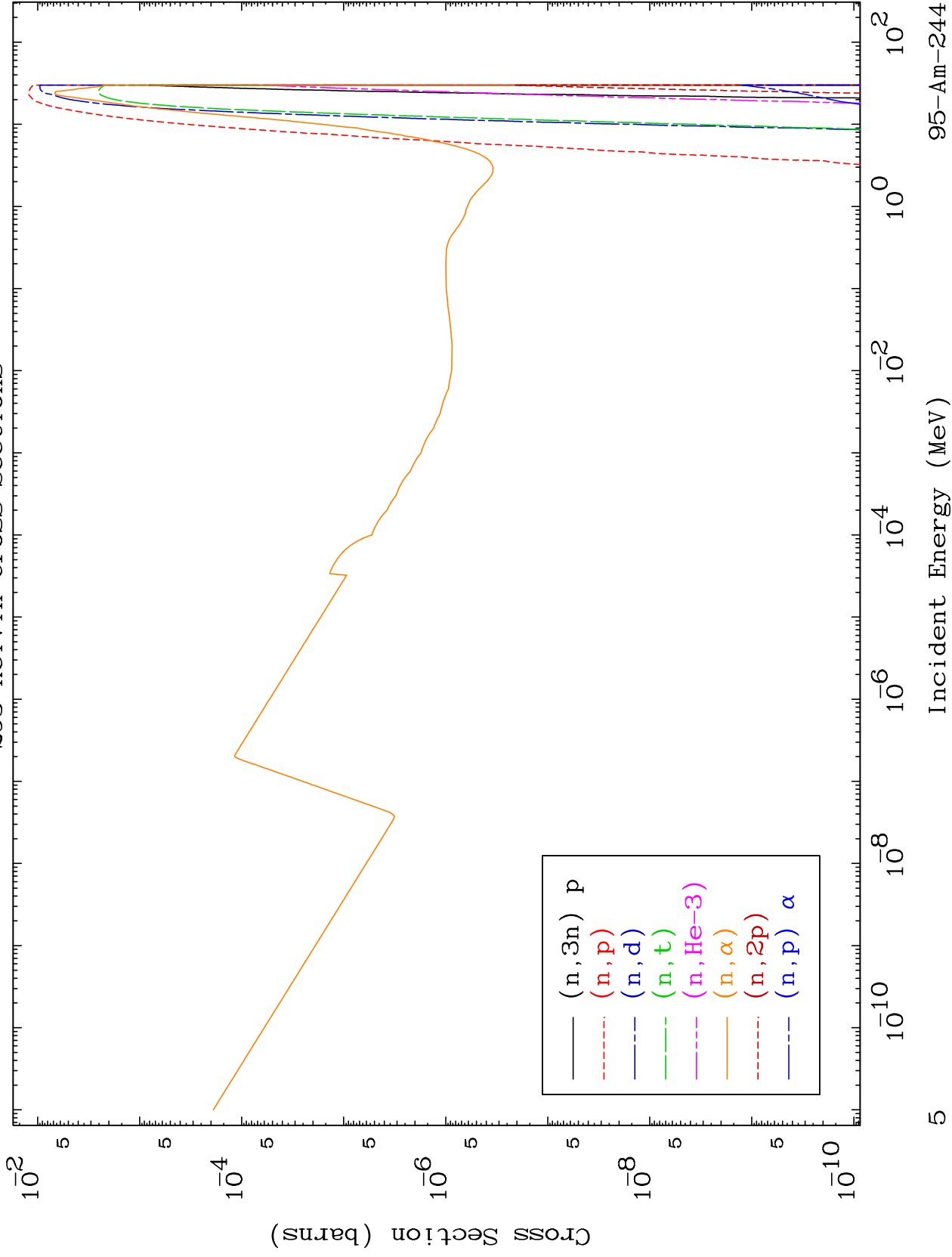
95-Am-244



MAT 9552

Charged Particle
293 Kelvin Cross Sections

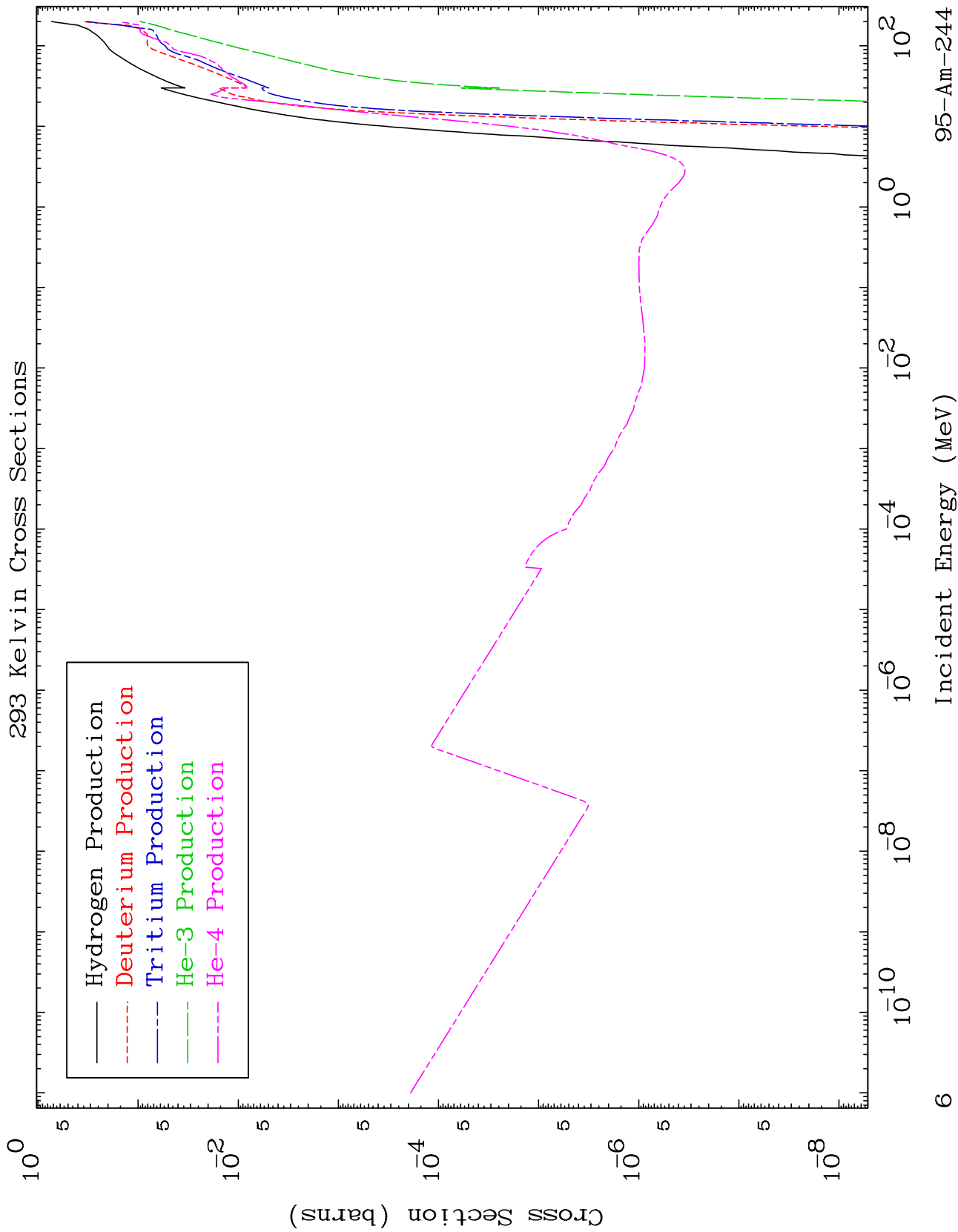
95-Am-244



MAT 9552

Particle Production
293 Kelvin Cross Sections

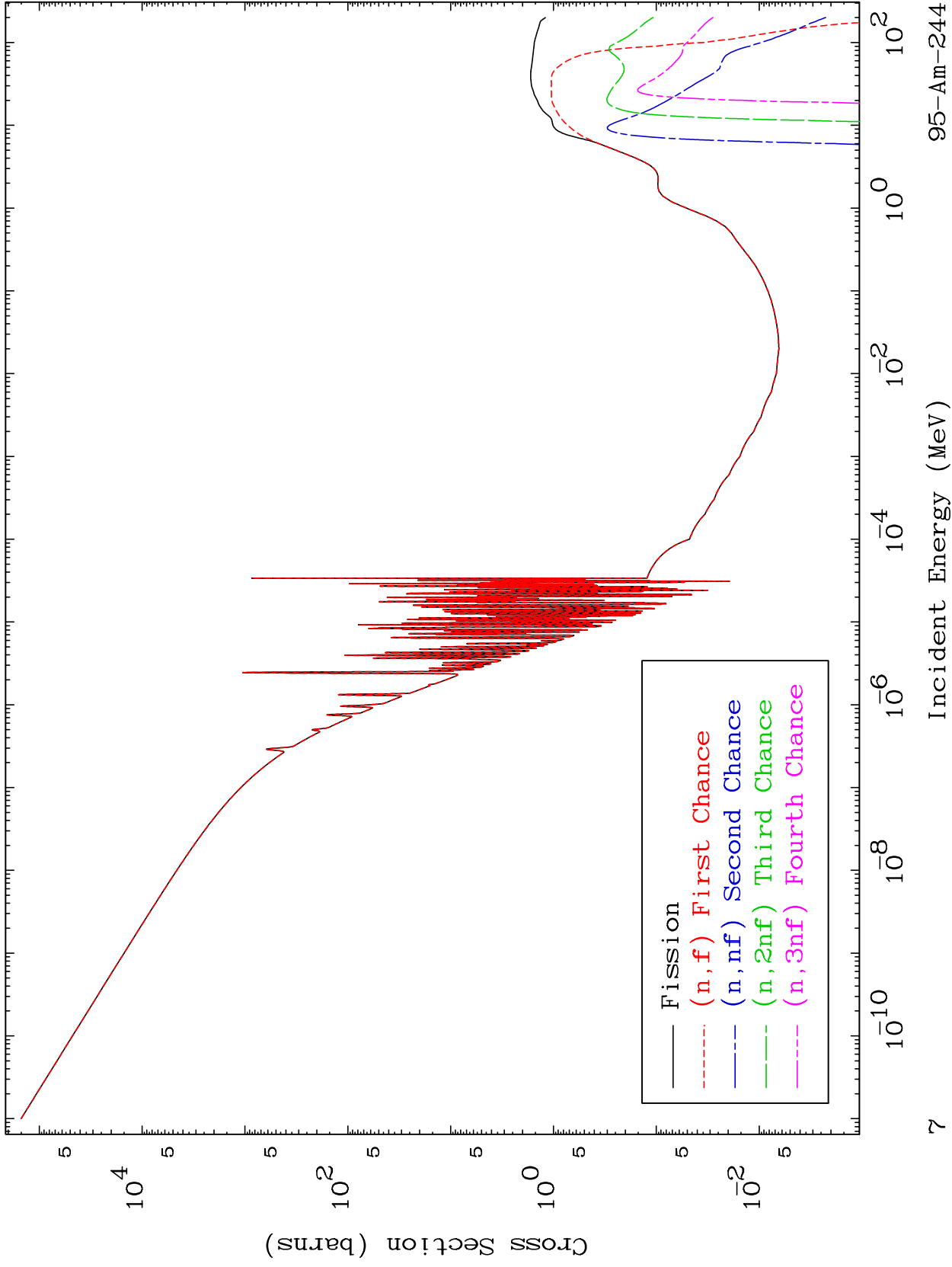
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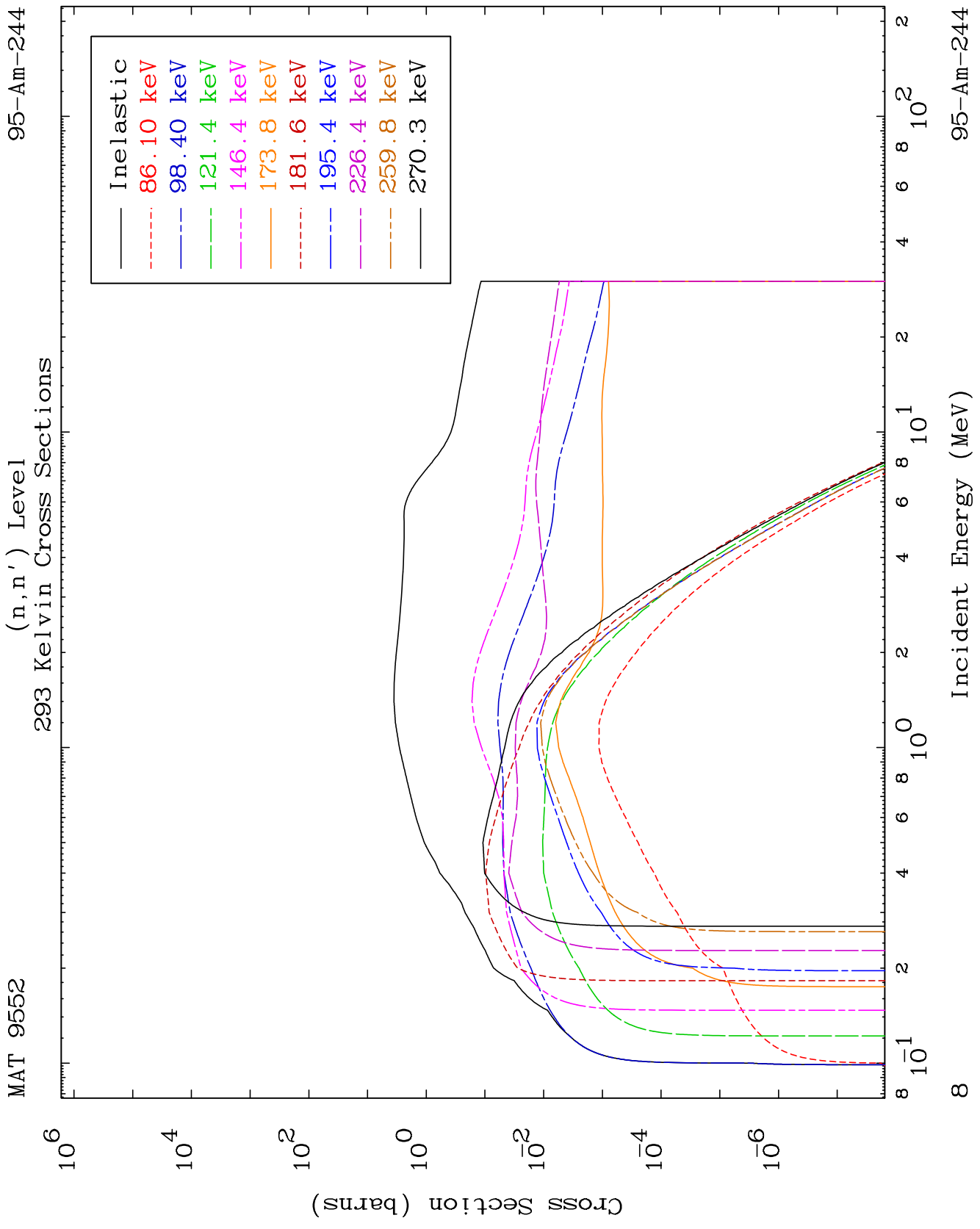


MAT 9552

Fission
293 Kelvin Cross Sections

95-Am-244

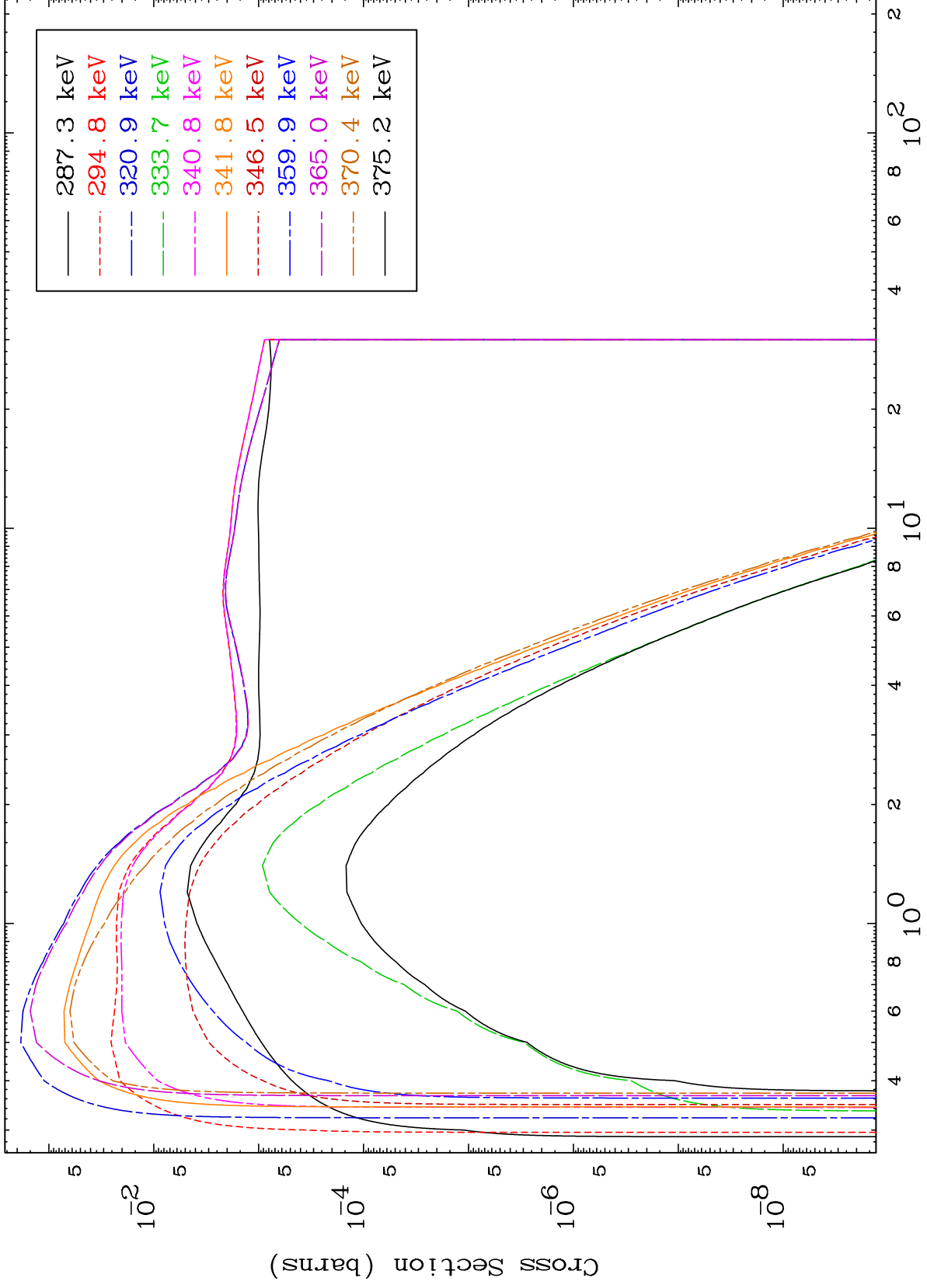




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(n,n') Level
293 Kelvin Cross Sections

95-Am-244



9

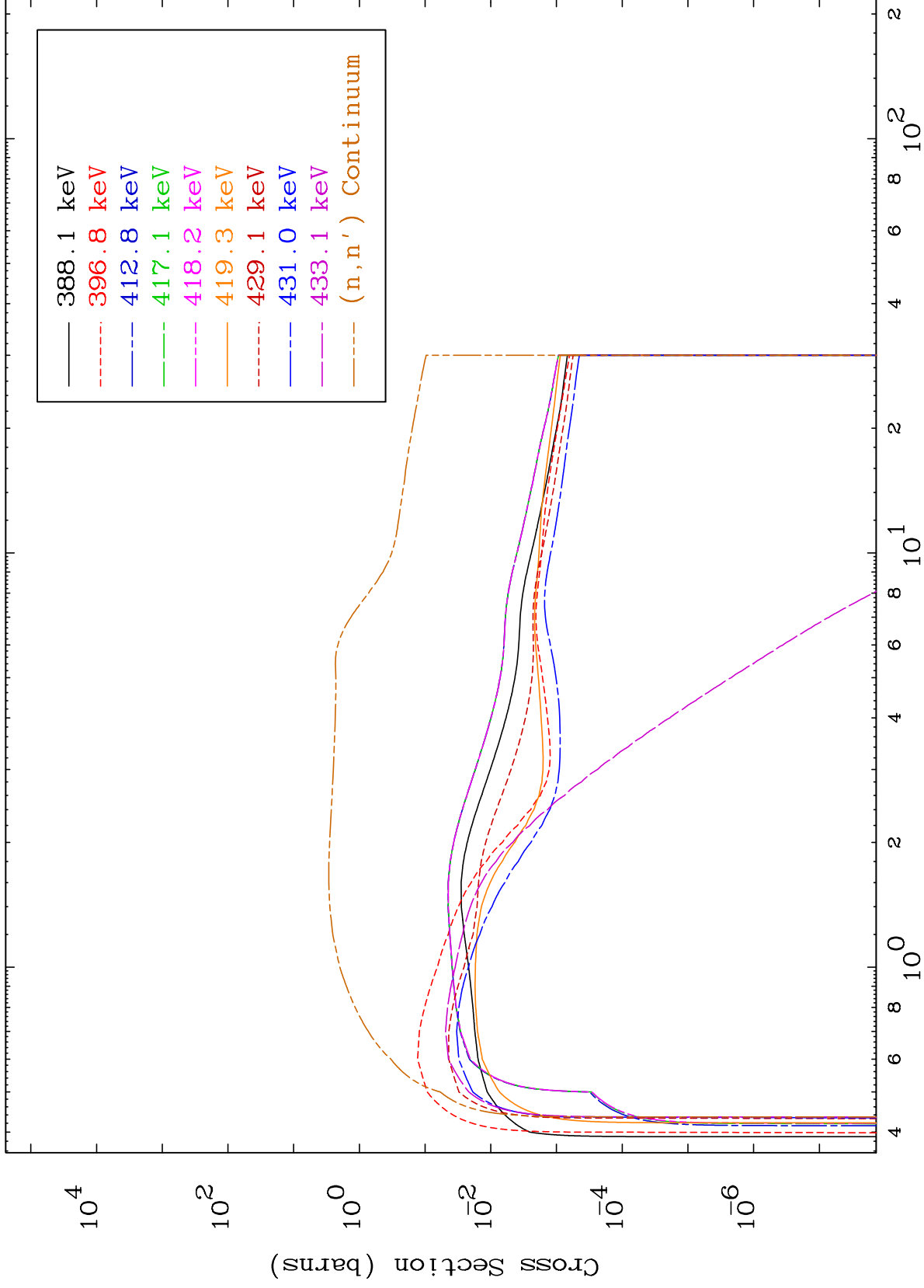
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,n') Level
293 Kelvin Cross Sections

95-Am-244



10

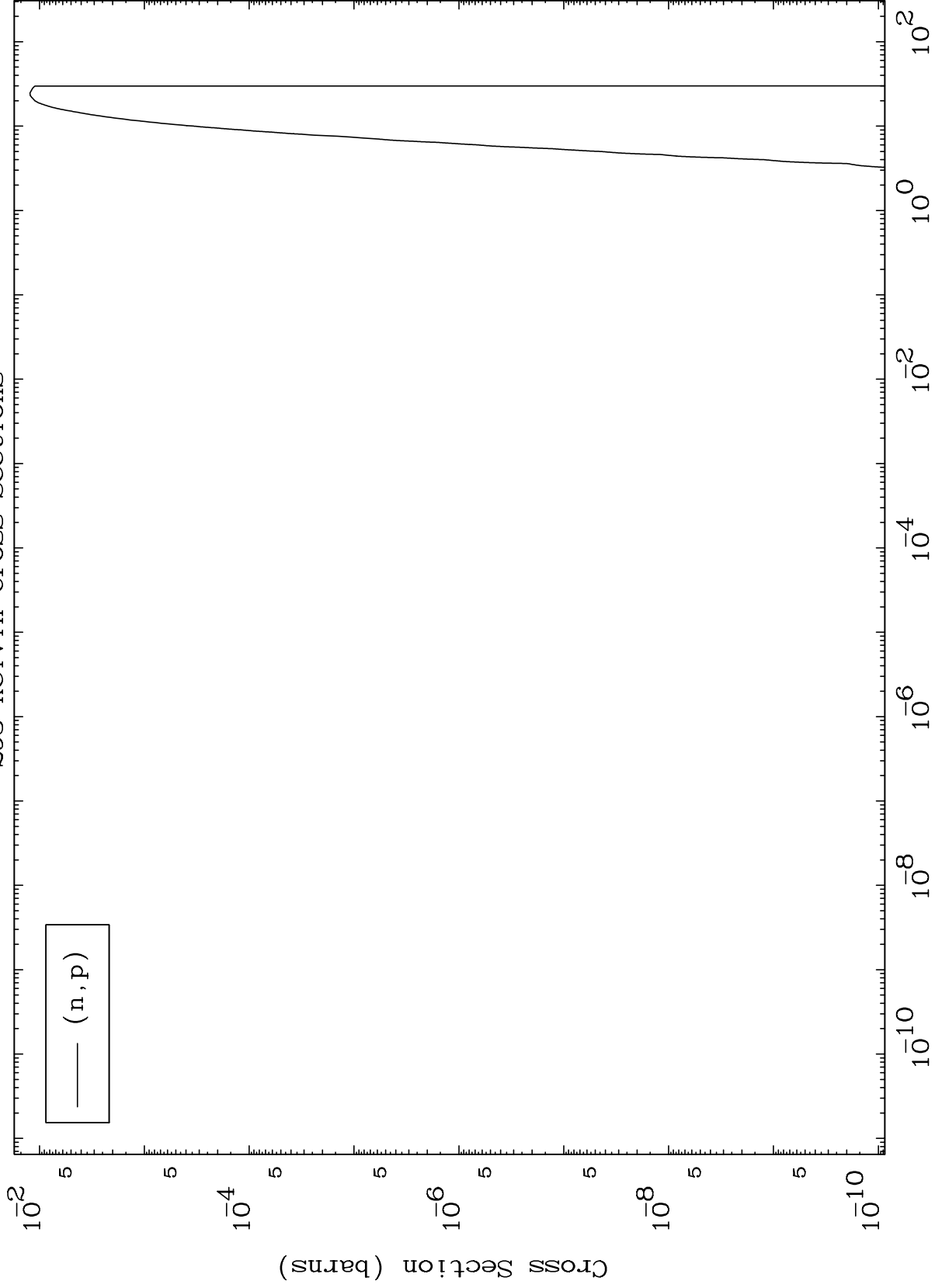
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,p) Levels
293 Kelvin Cross Sections

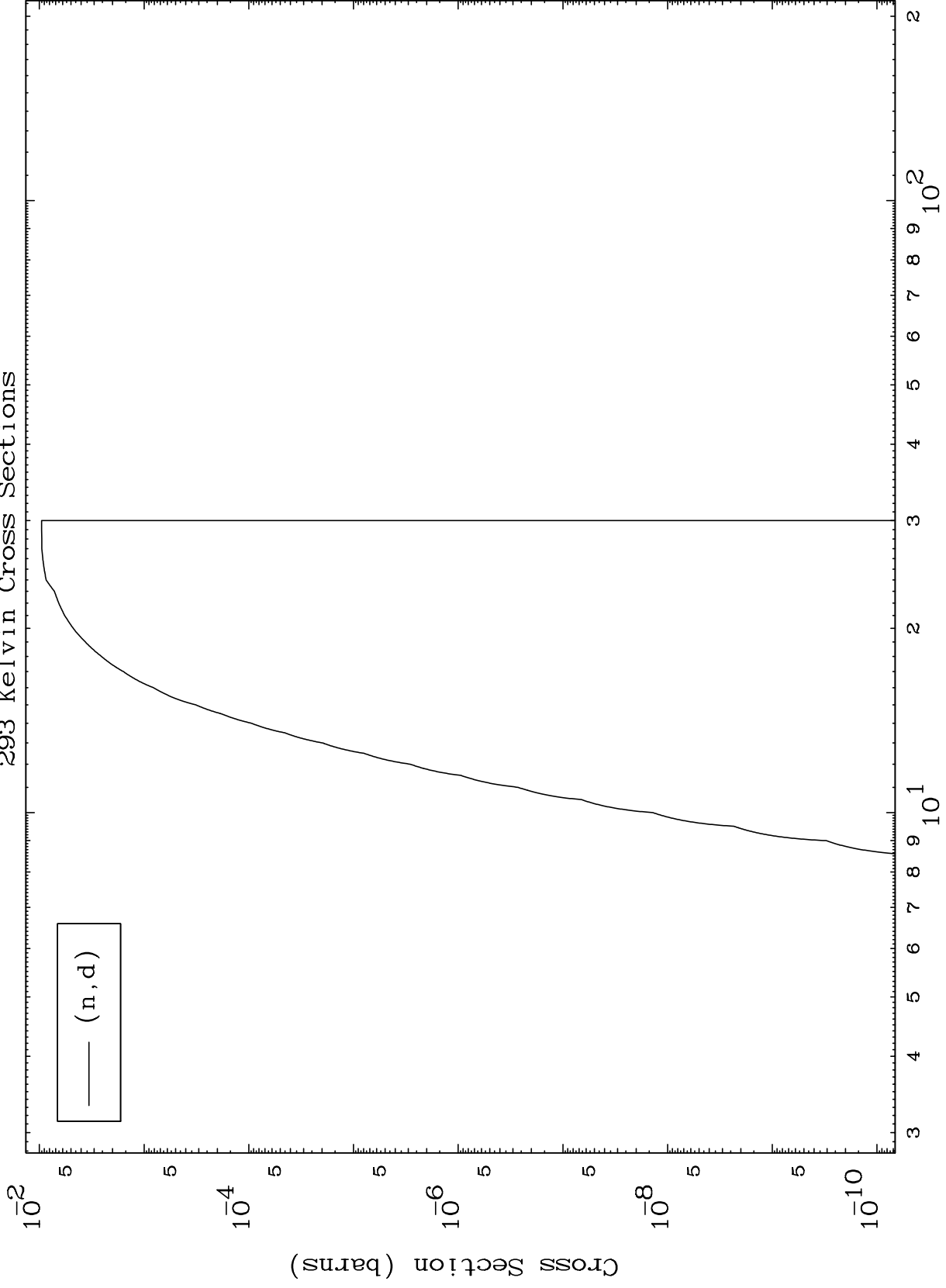
95-Am-244



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(n,d) Levels
293 Kelvin Cross Sections

95-Am-244



12

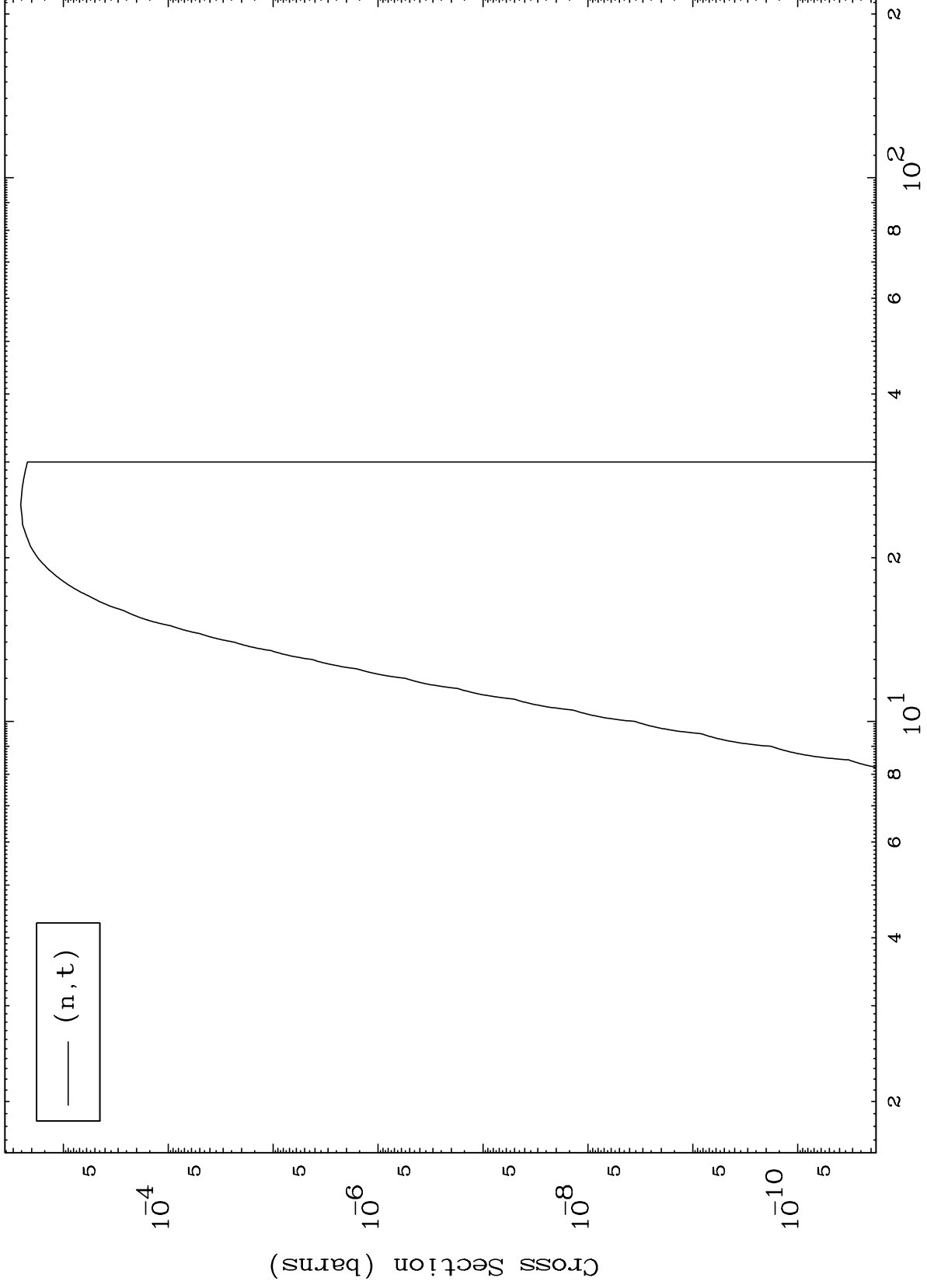
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,t) Levels
293 Kelvin Cross Sections

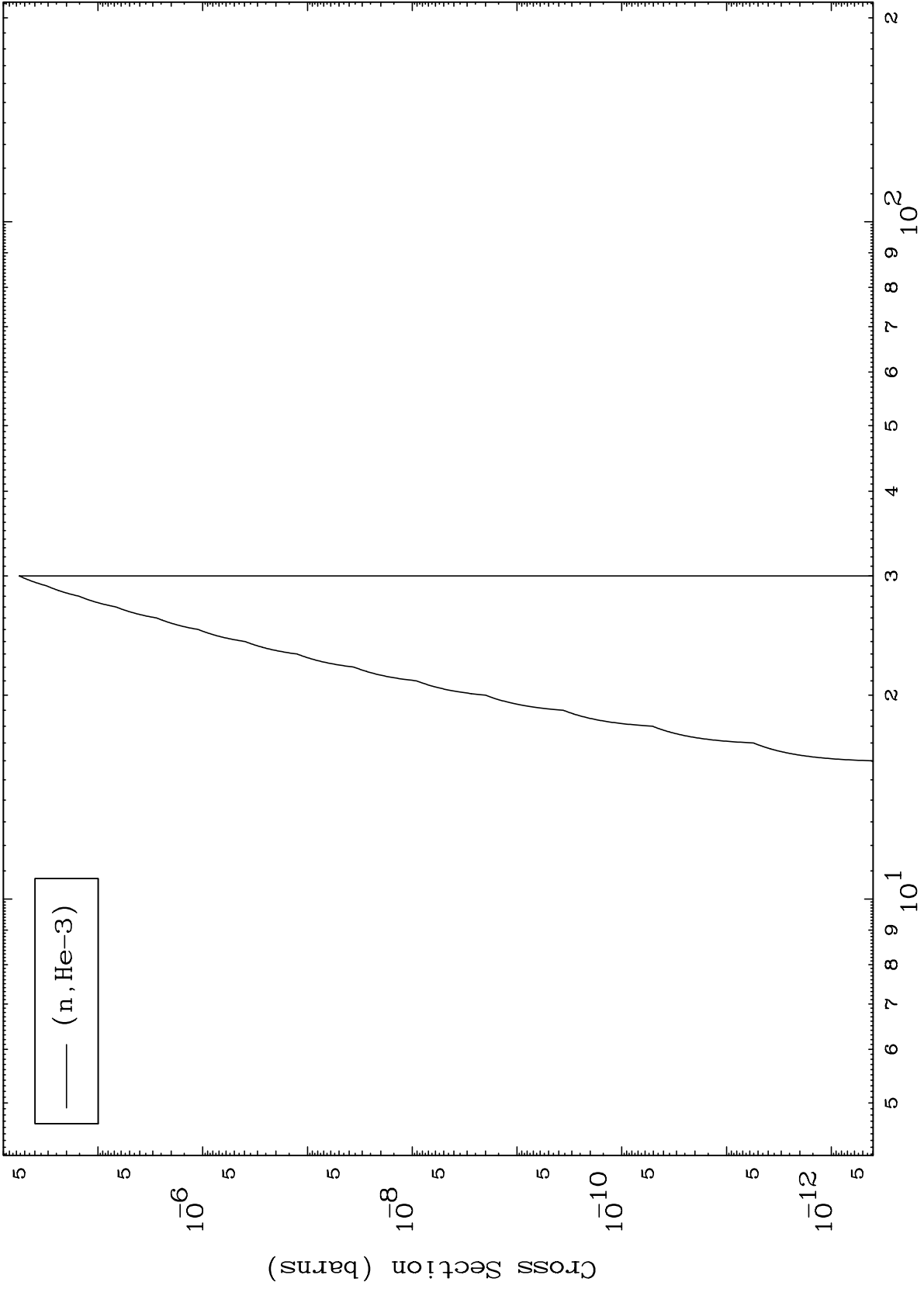
95-Am-244



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(n,He3) Levels
293 Kelvin Cross Sections

95-Am-244



14

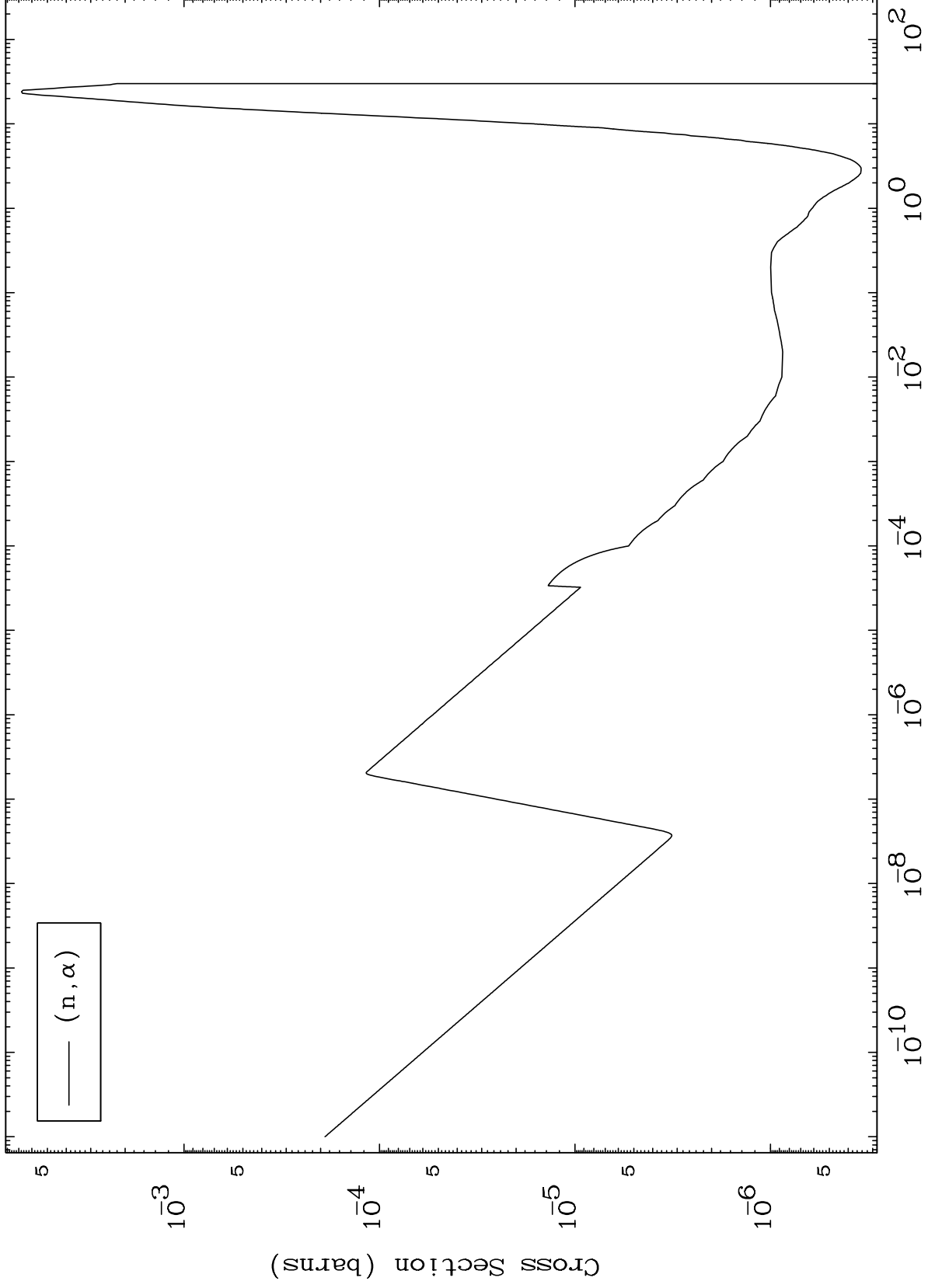
Incident Energy (MeV)

95-Am-244

MAT 9552

(n, α) Levels
293 Kelvin Cross Sections

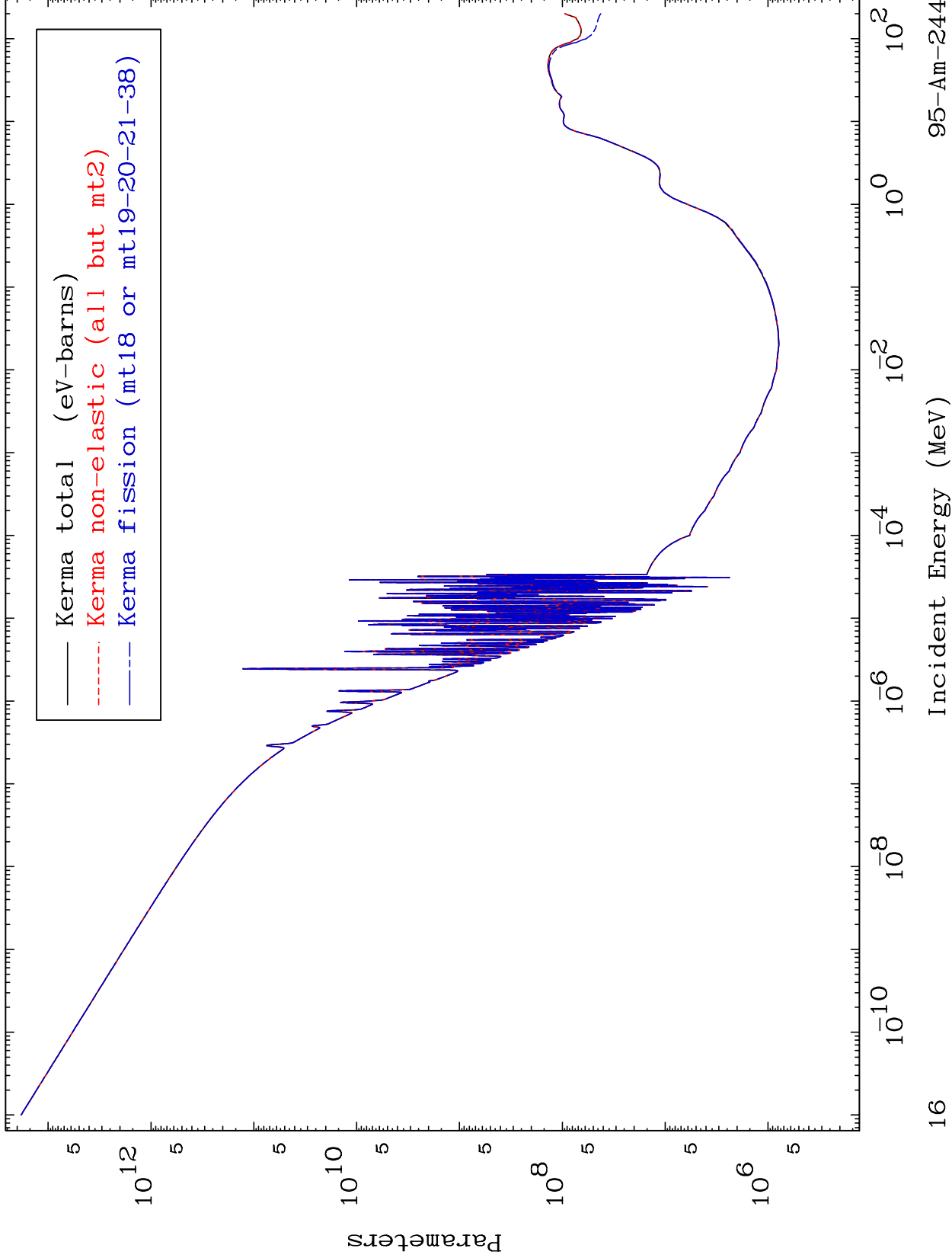
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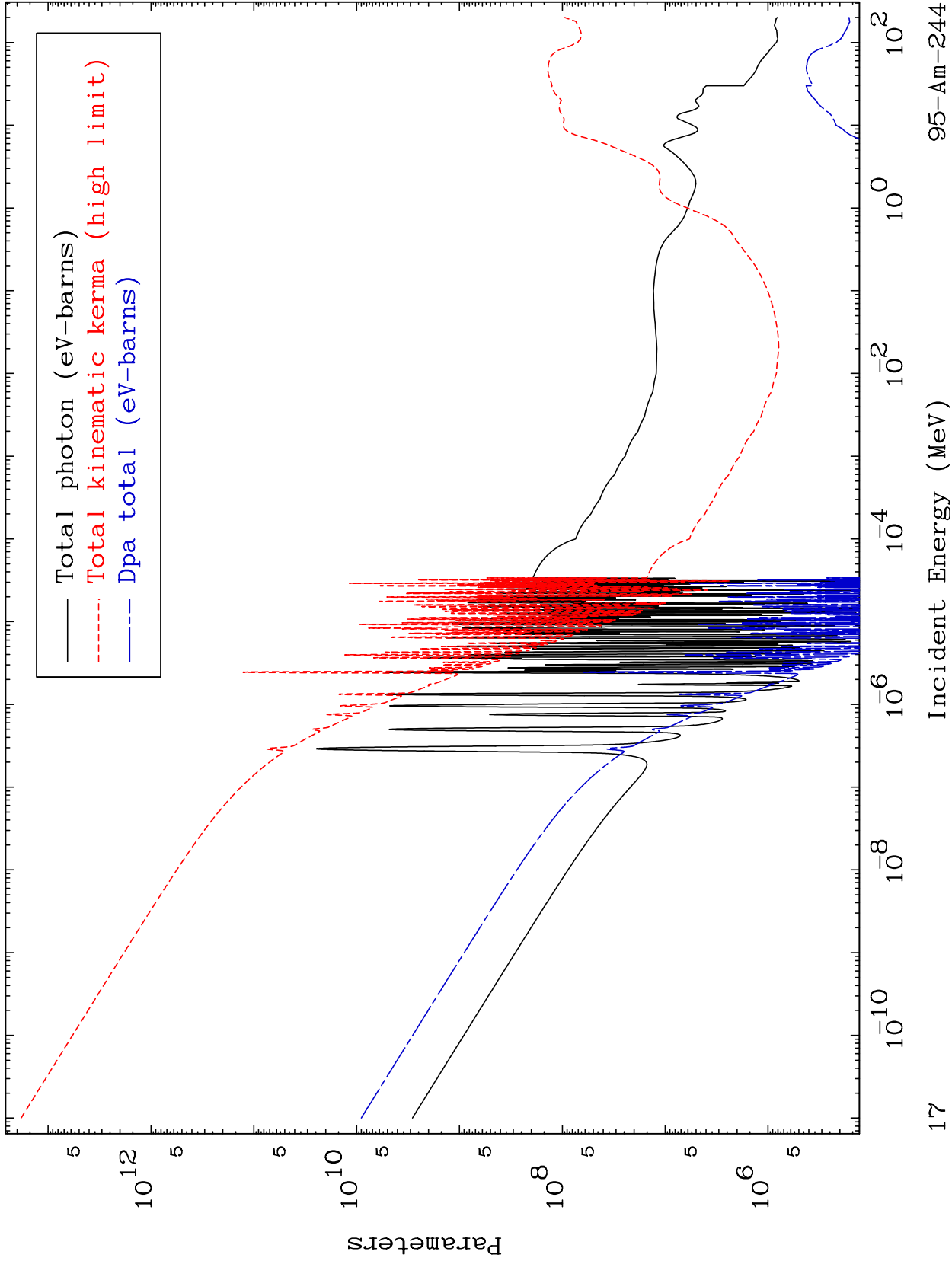


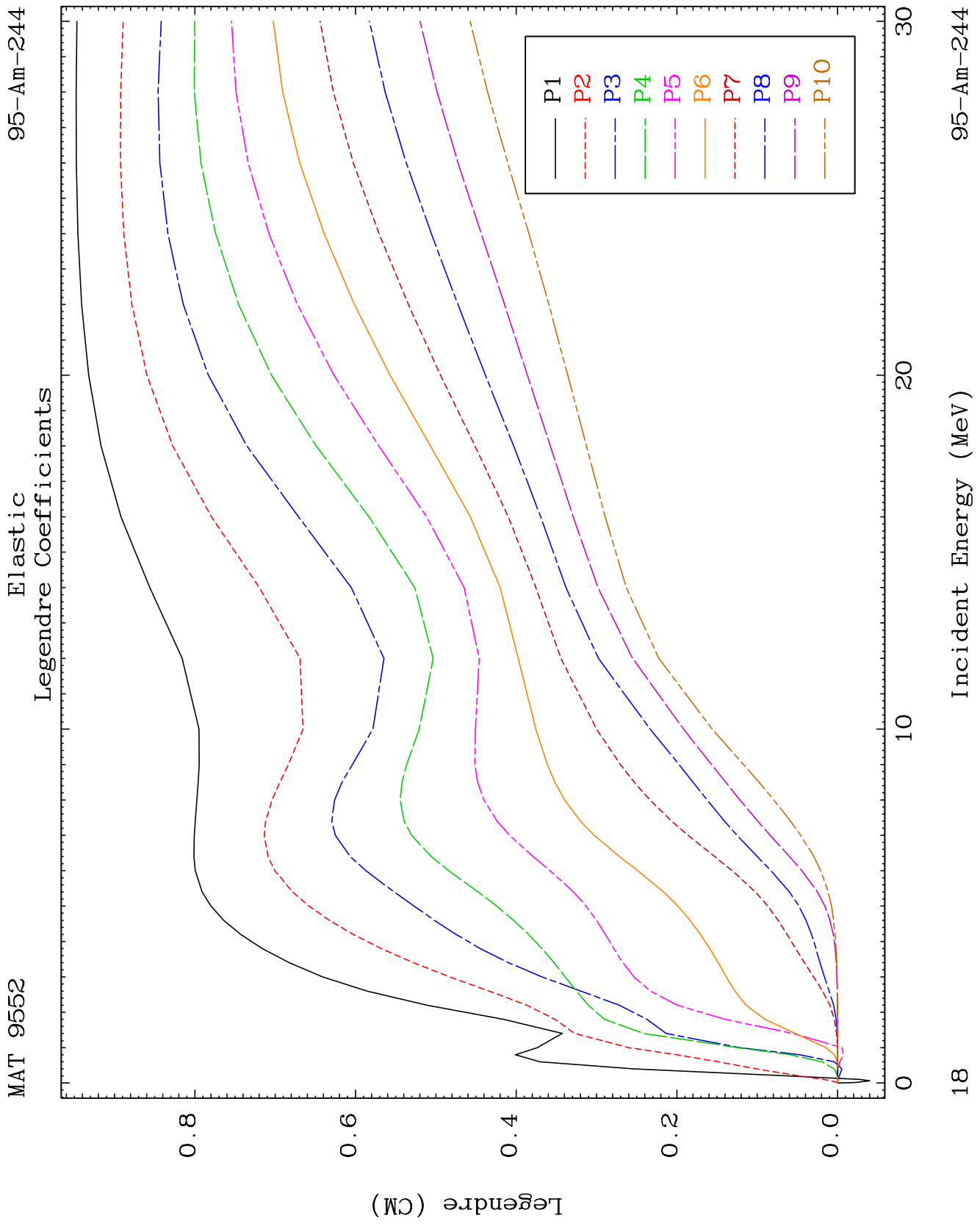
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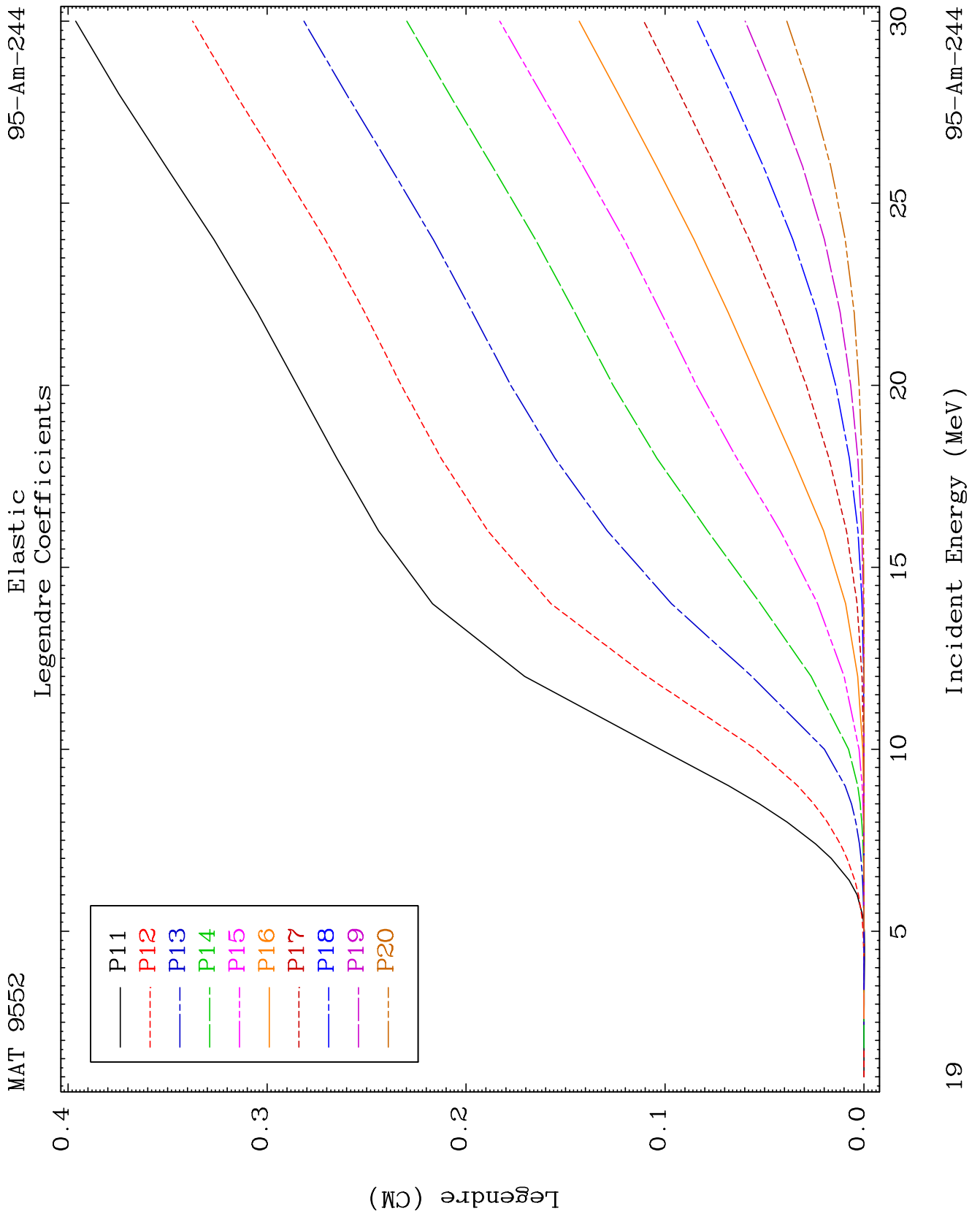
Incident Energy (MeV)

95-Am-244





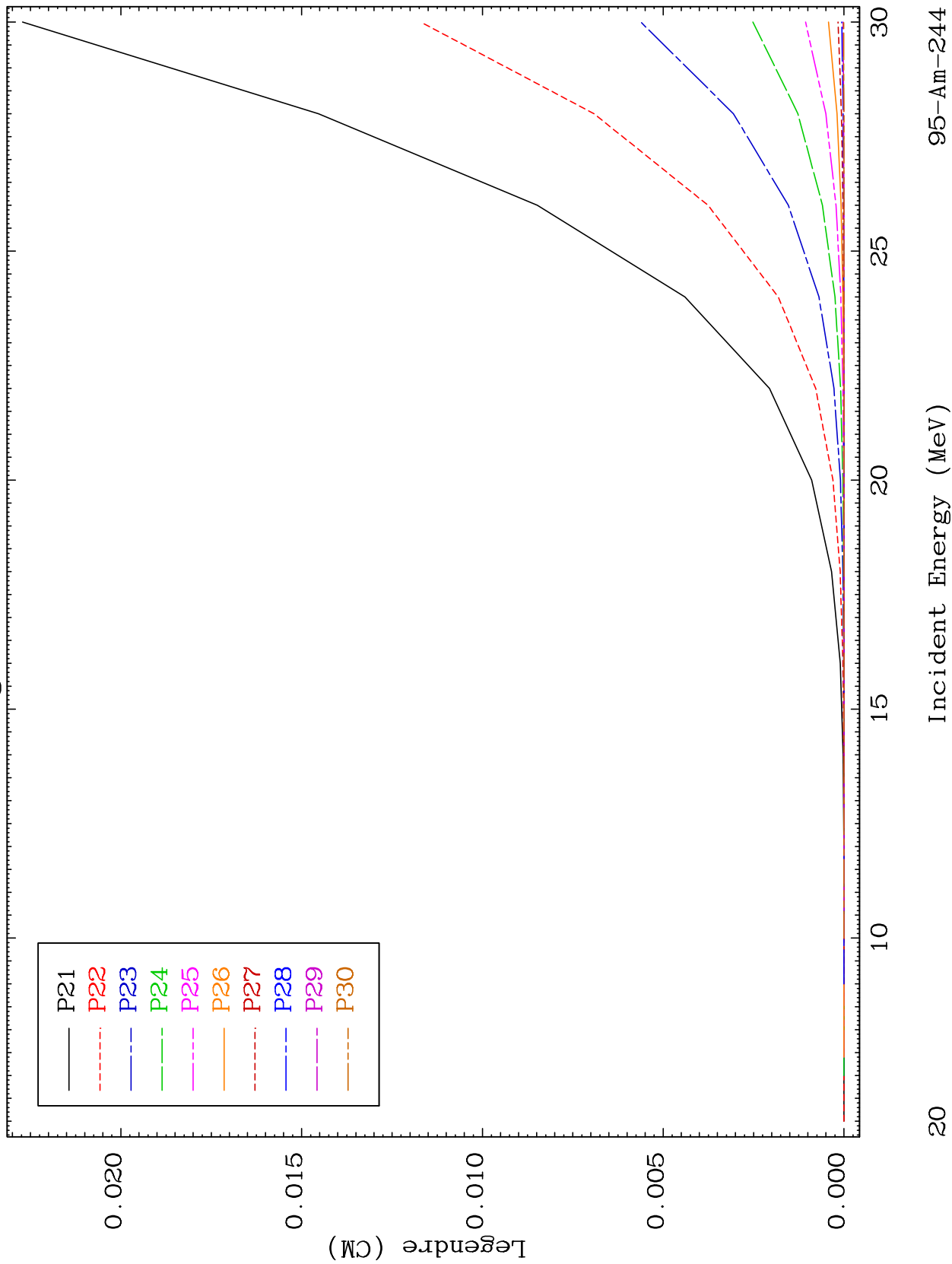




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Elastic Legendre Coefficients

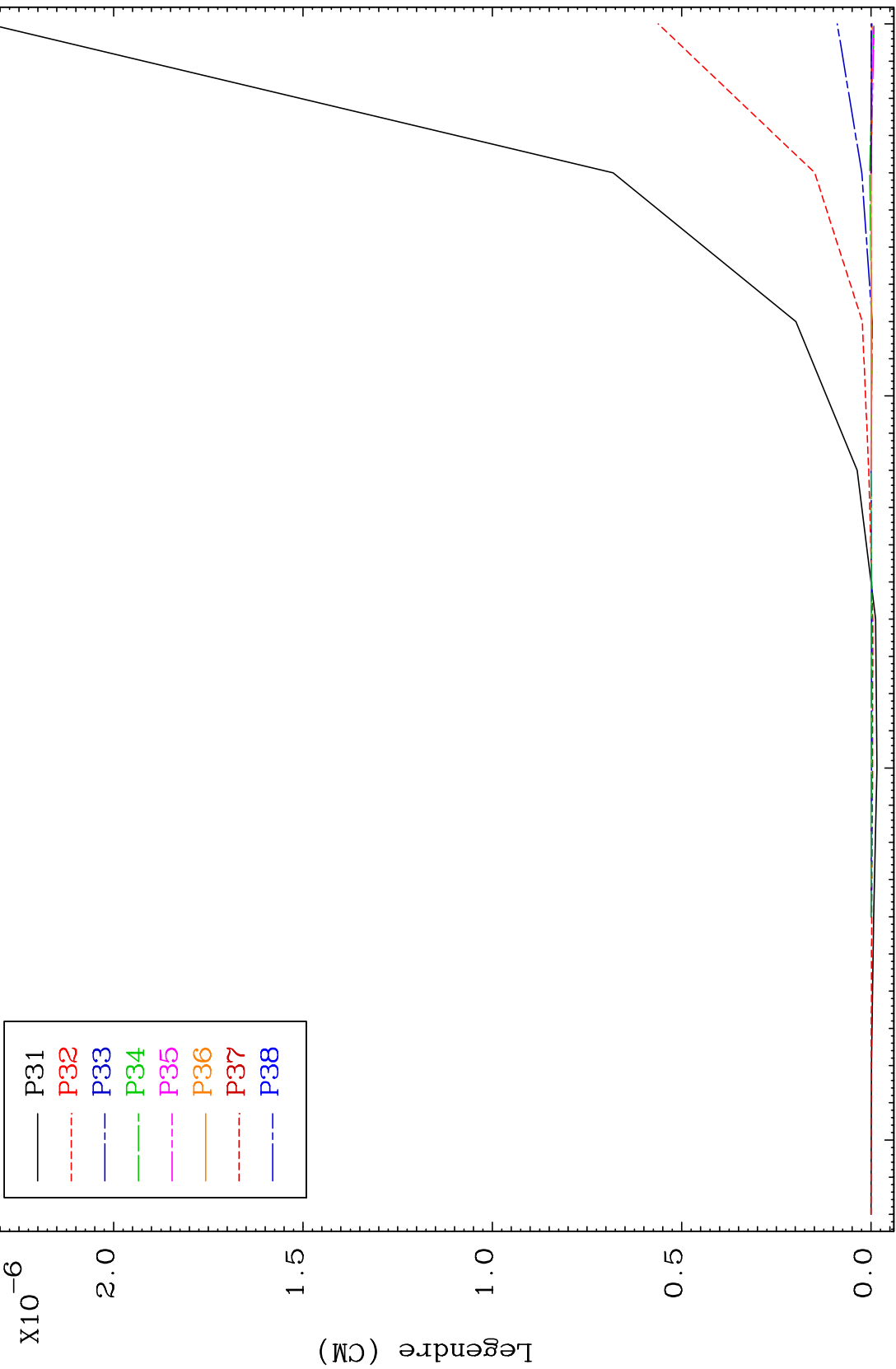
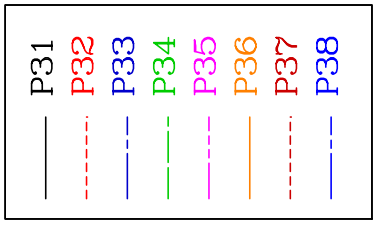
95-Am-244



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Elastic Legendre Coefficients

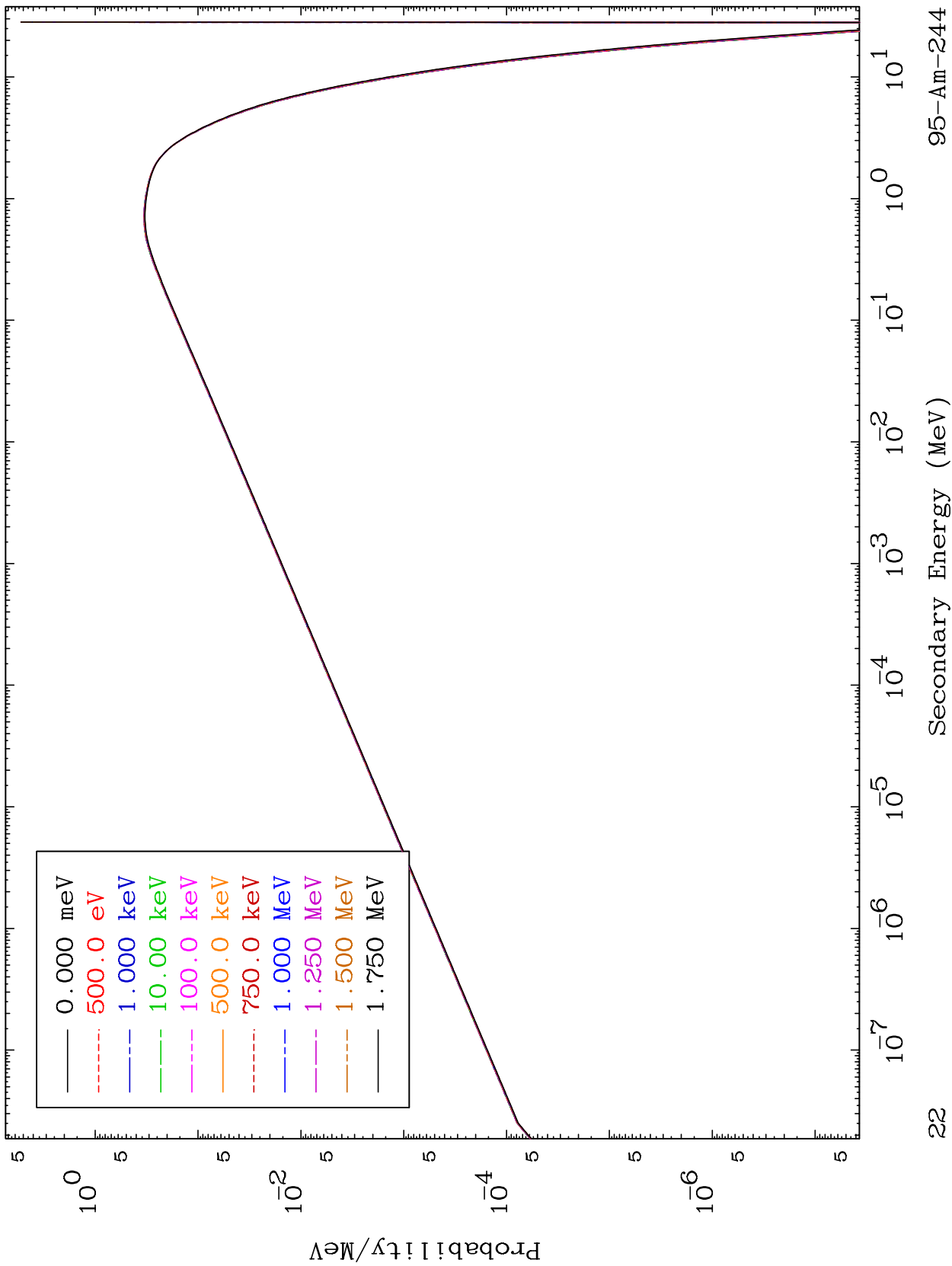
95-Am-244



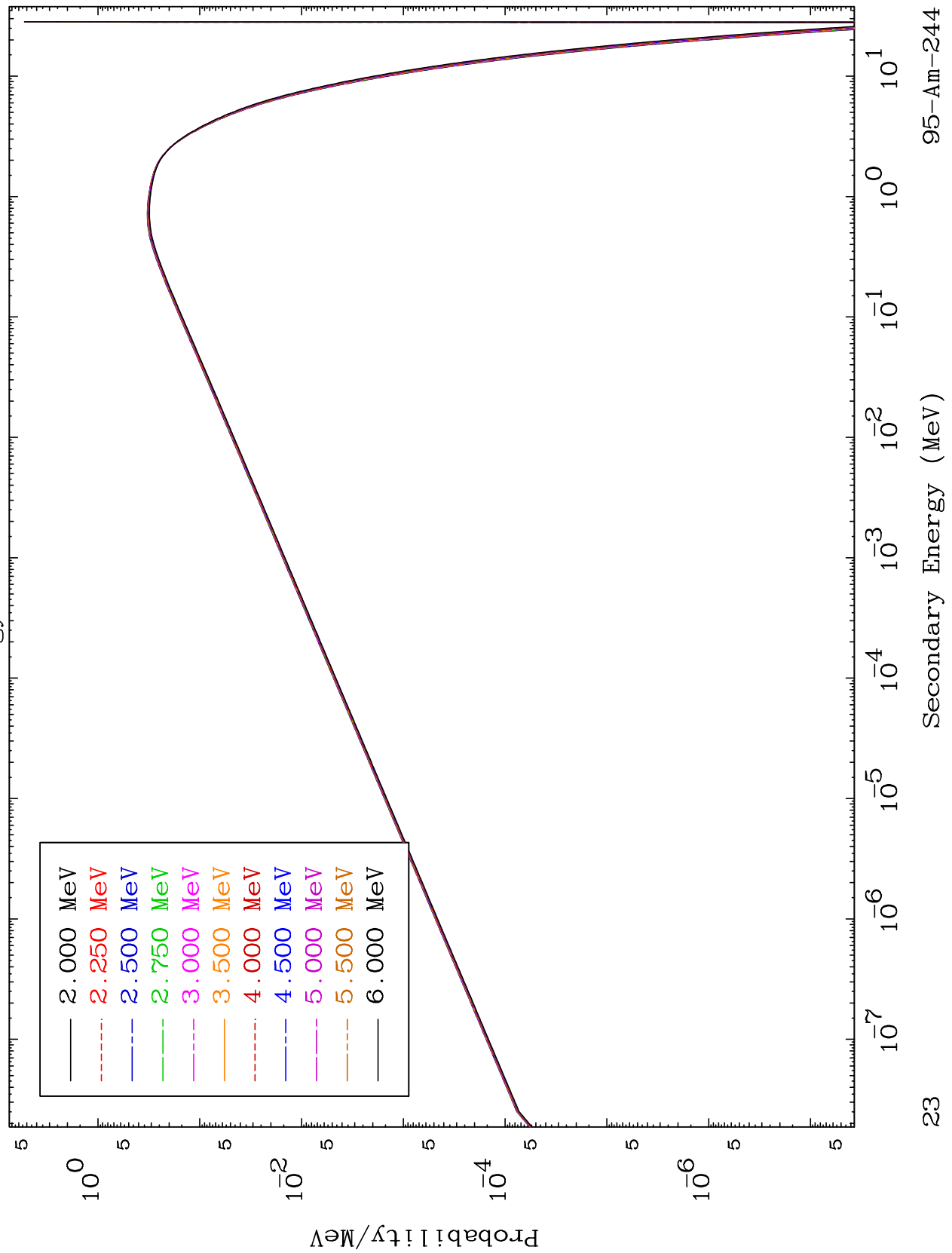
21

95-Am-244

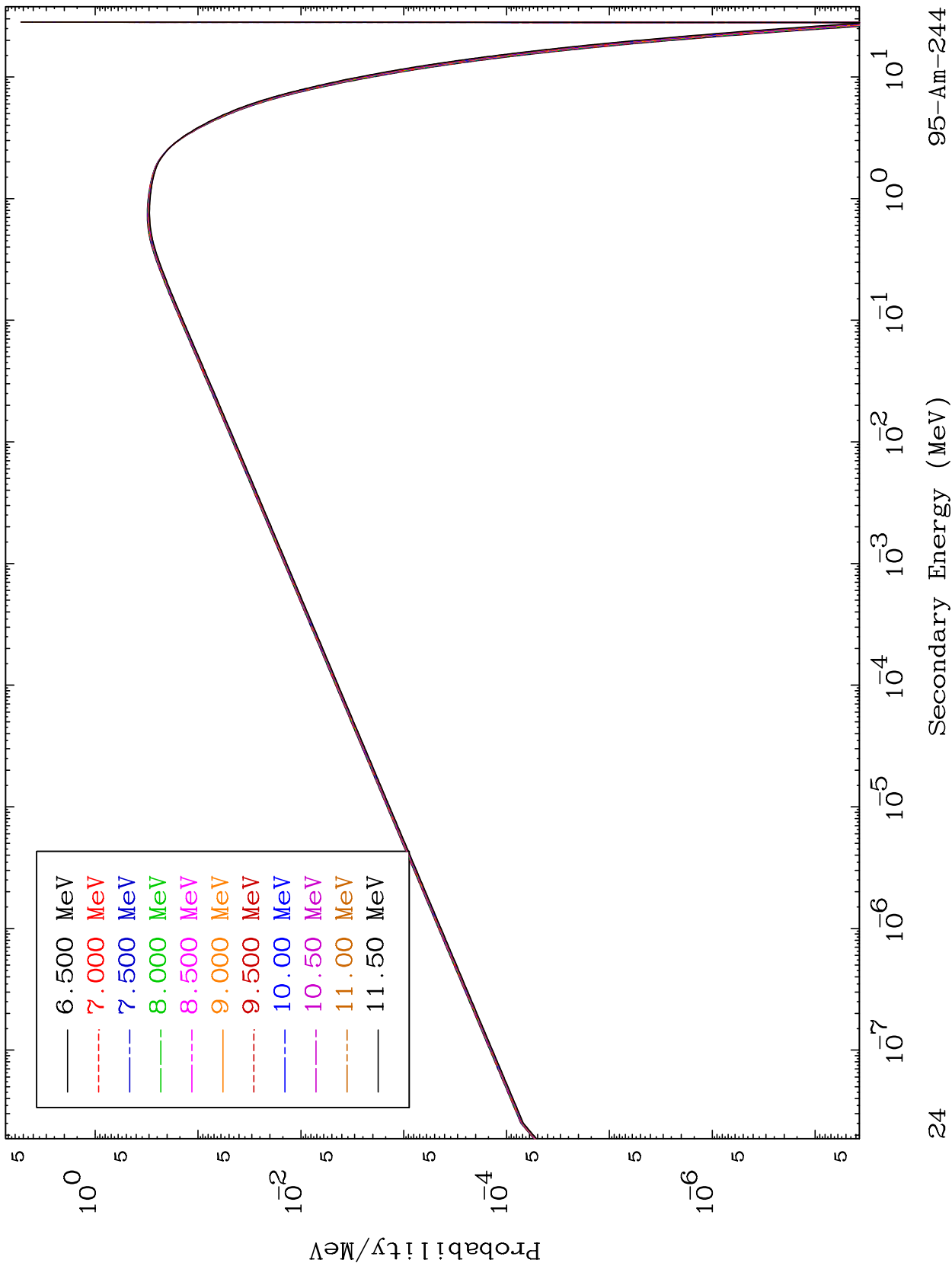
Fission Energy Distribution



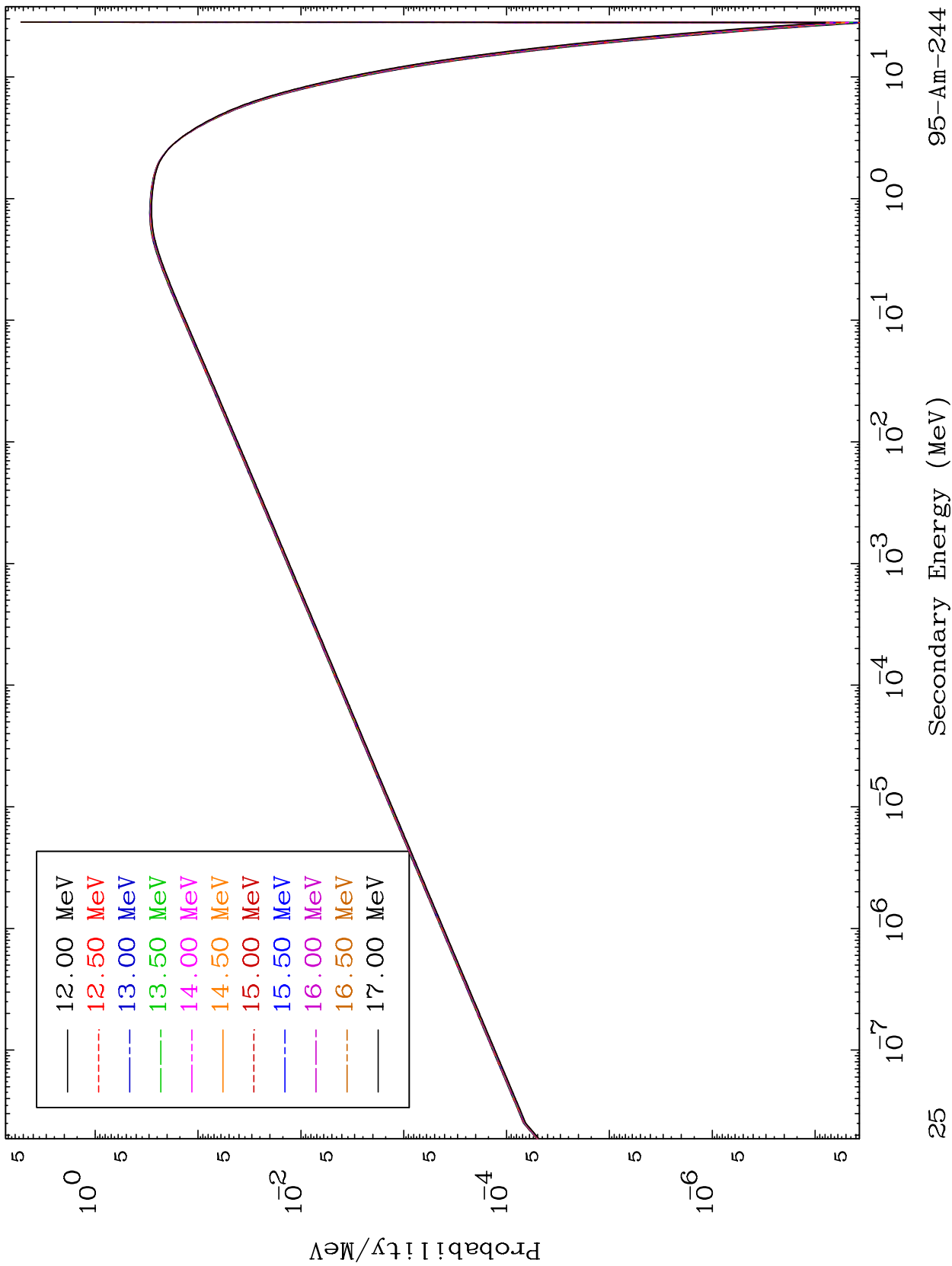
Fission Energy Distribution



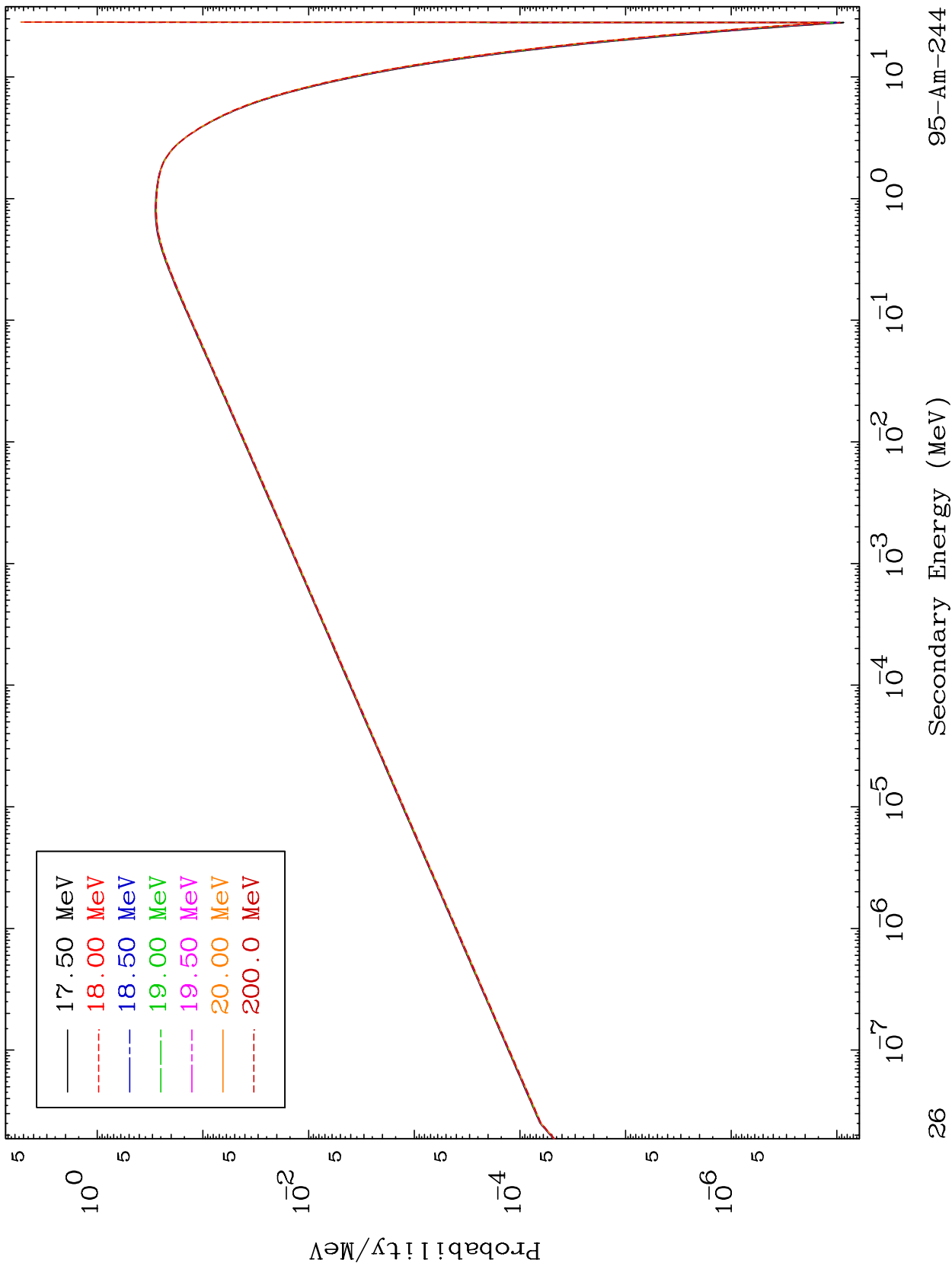
Fission Energy Distribution



Fission Energy Distribution



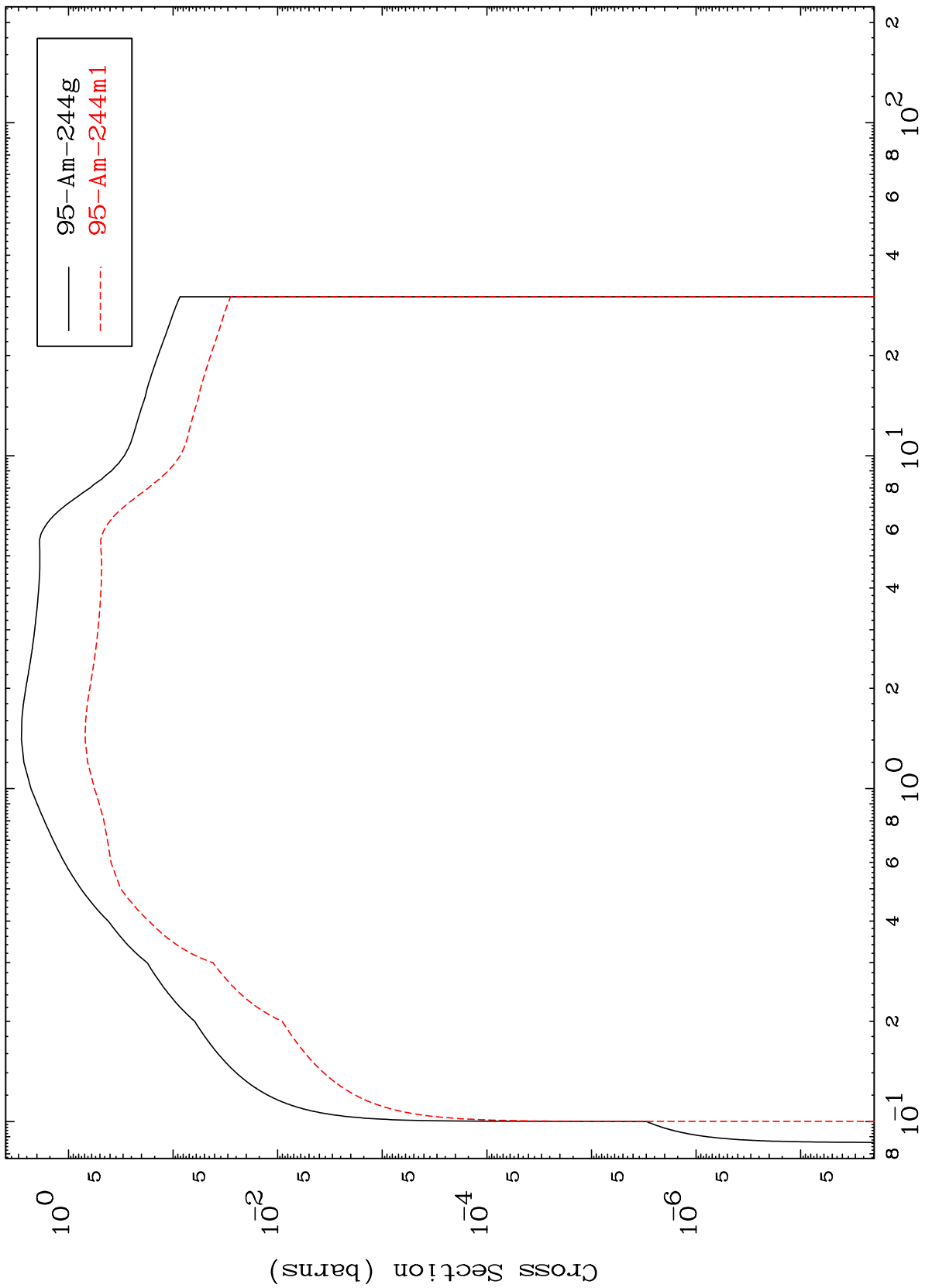
Fission
Energy Distribution



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95-Am-244

Inelastic Radionuclide Production Cross Section



95-Am-244

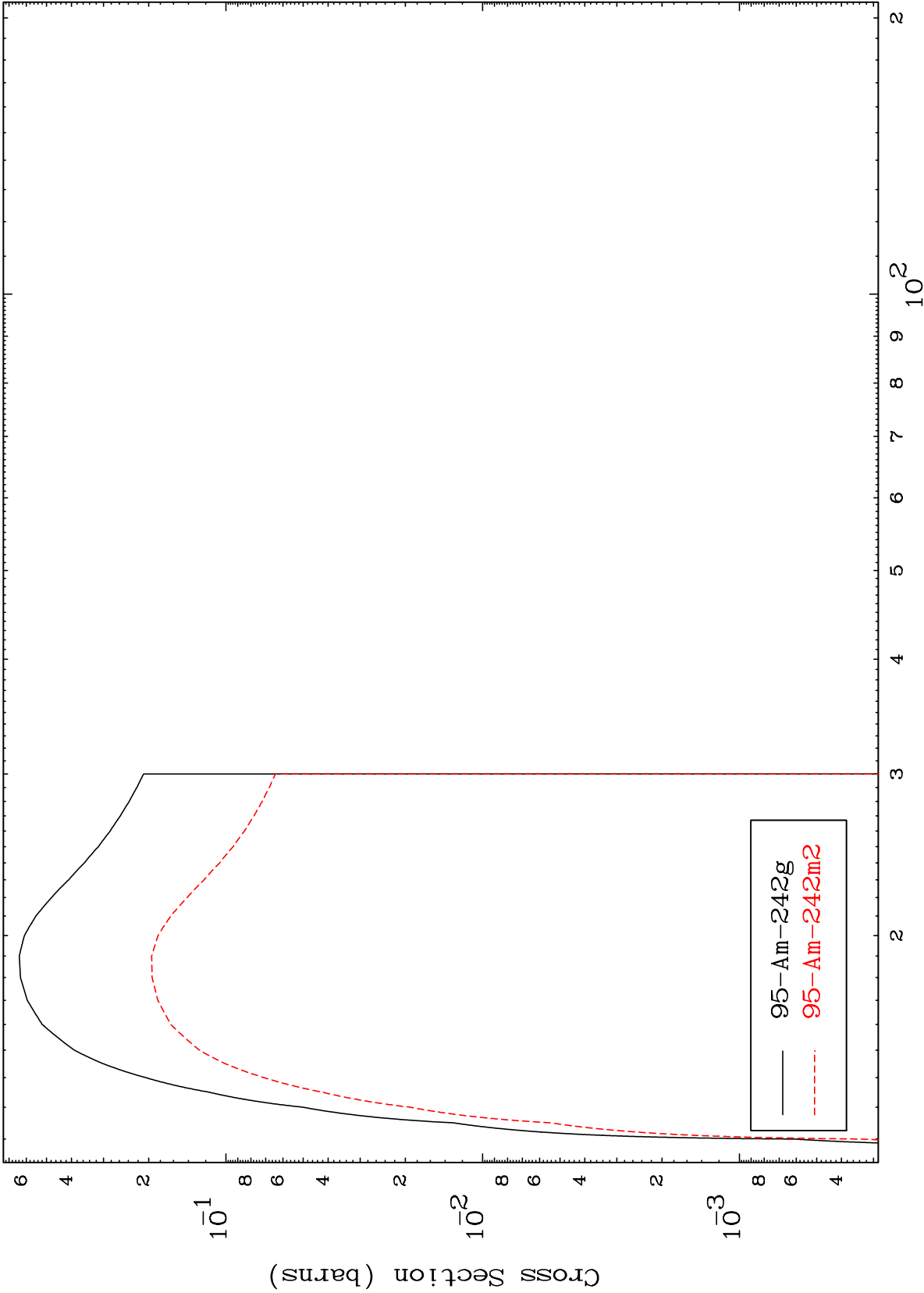
Incident Energy (MeV)

27

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95-Am-244

(n,3n)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

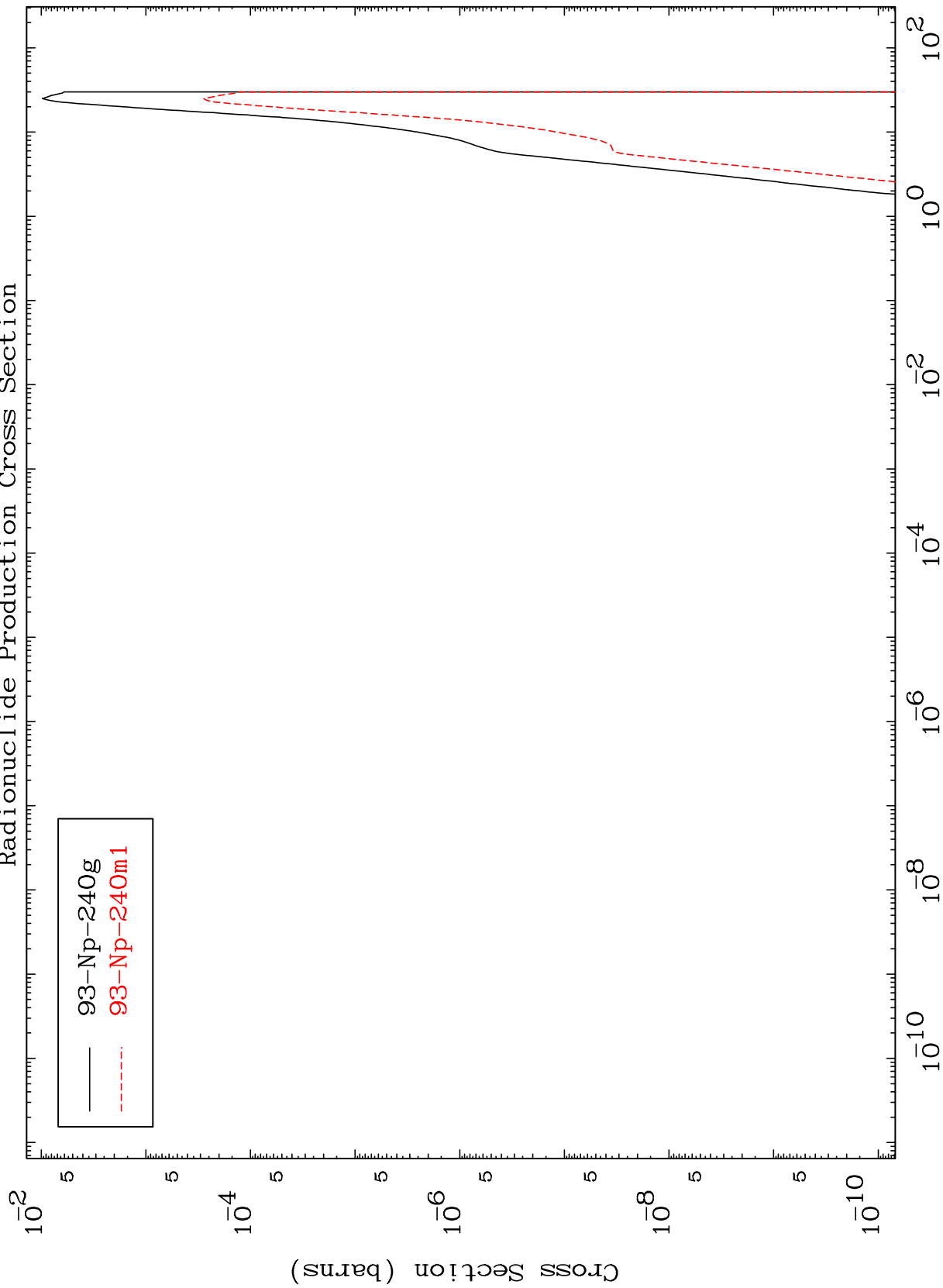
95-Am-244

MAT 9552

$(n, n') \alpha$

95-Am-244

Radionuclide Production Cross Section



29

Incident Energy (MeV)

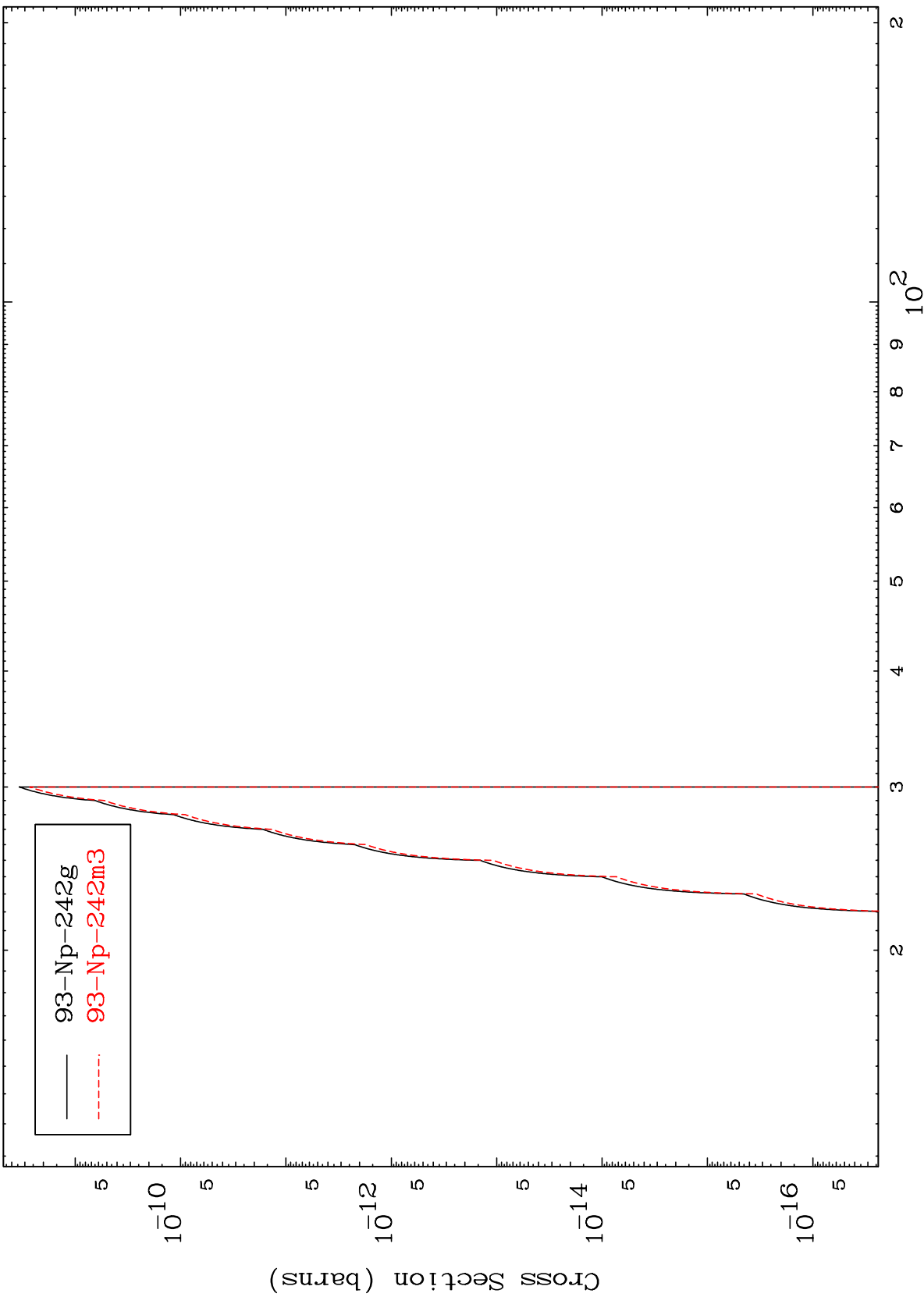
95-Am-244

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(n,2n) p

95-Am-244

Radionuclide Production Cross Section

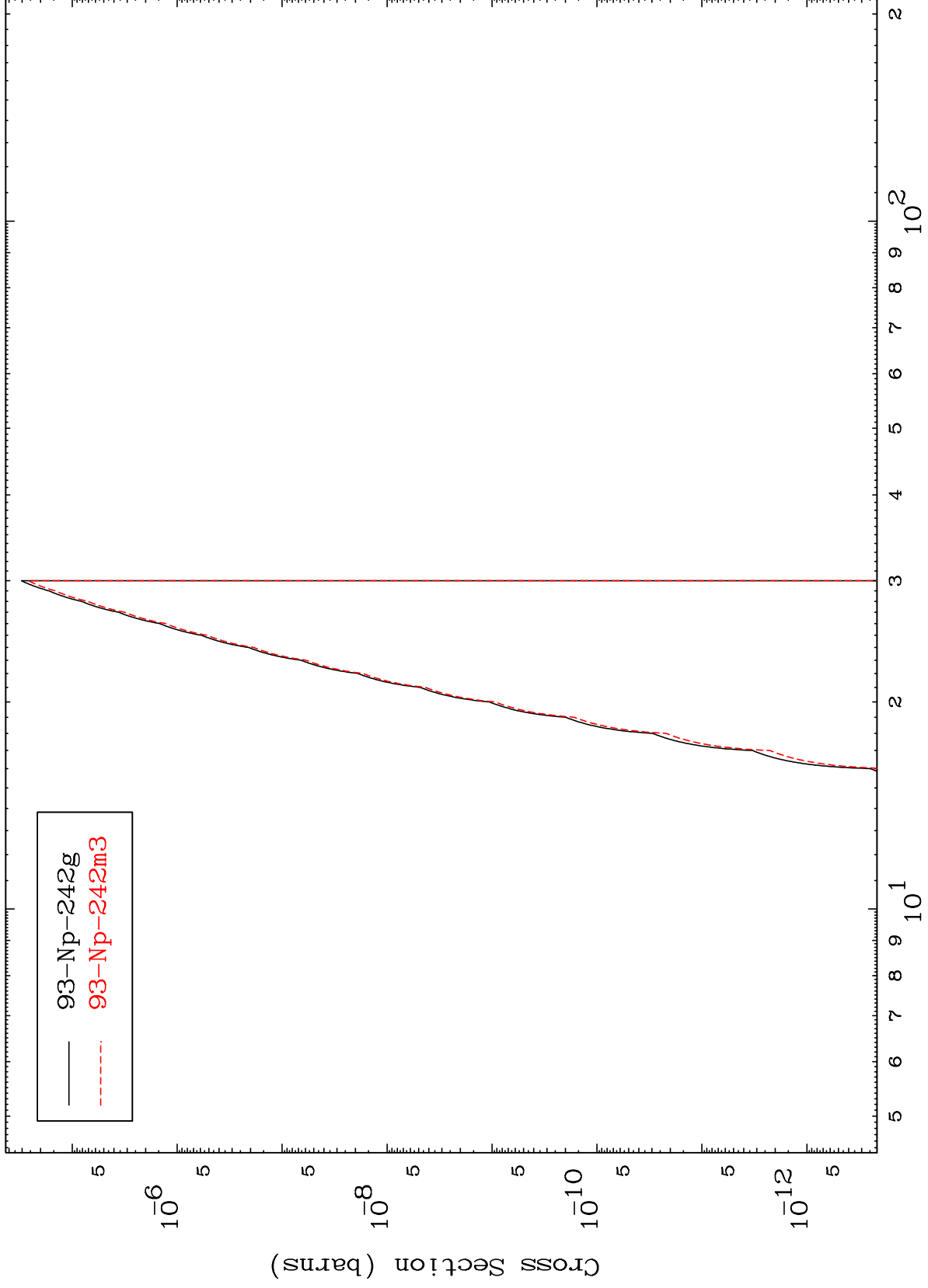


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(n,He-3)

95-Am-244

Radionuclide Production Cross Section



93-Np-242g
93-Np-242m3