

Program EVALPLOT
(Version 2015-2)

by

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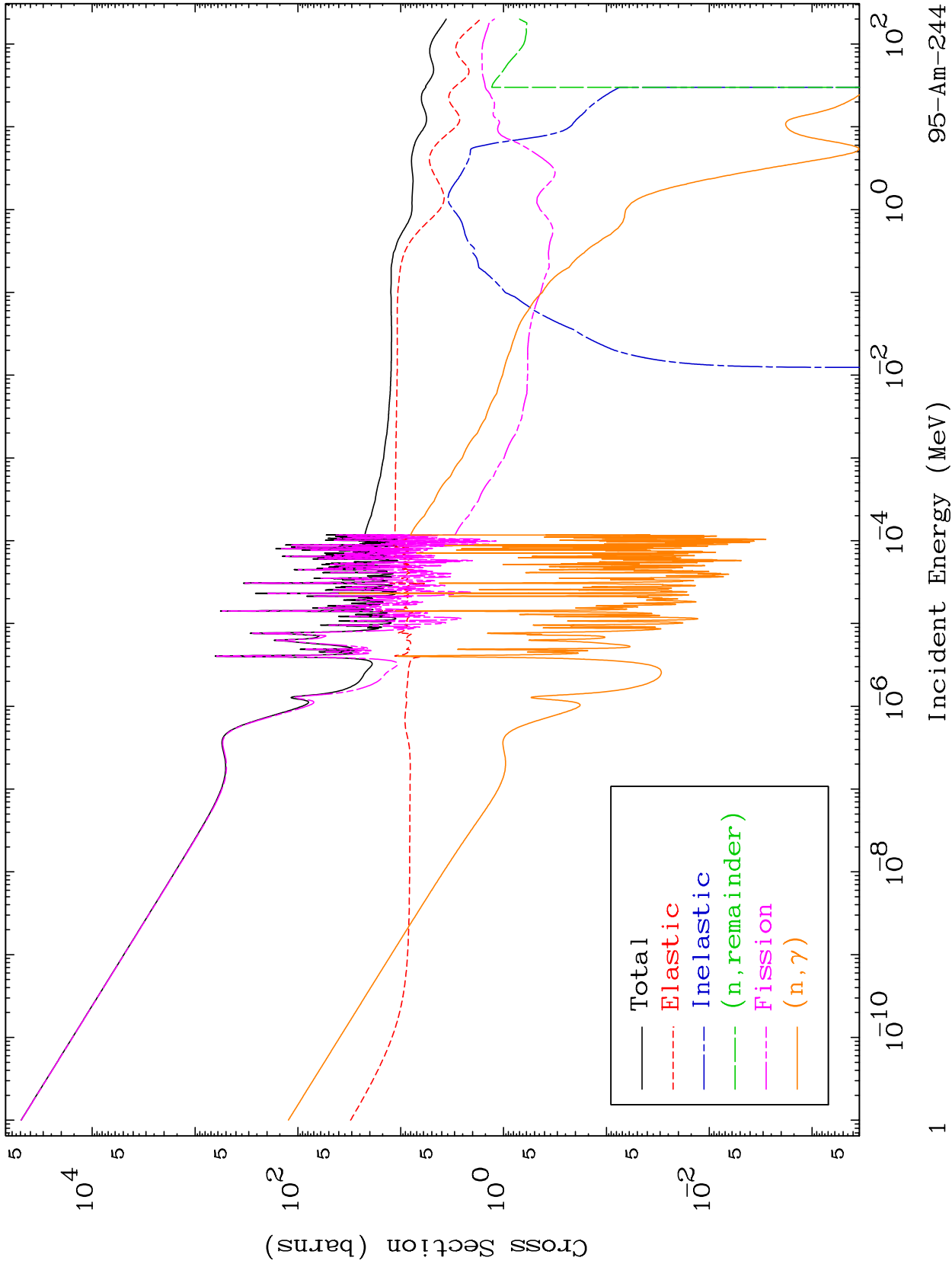
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9553

Major
293 Kelvin Cross Sections

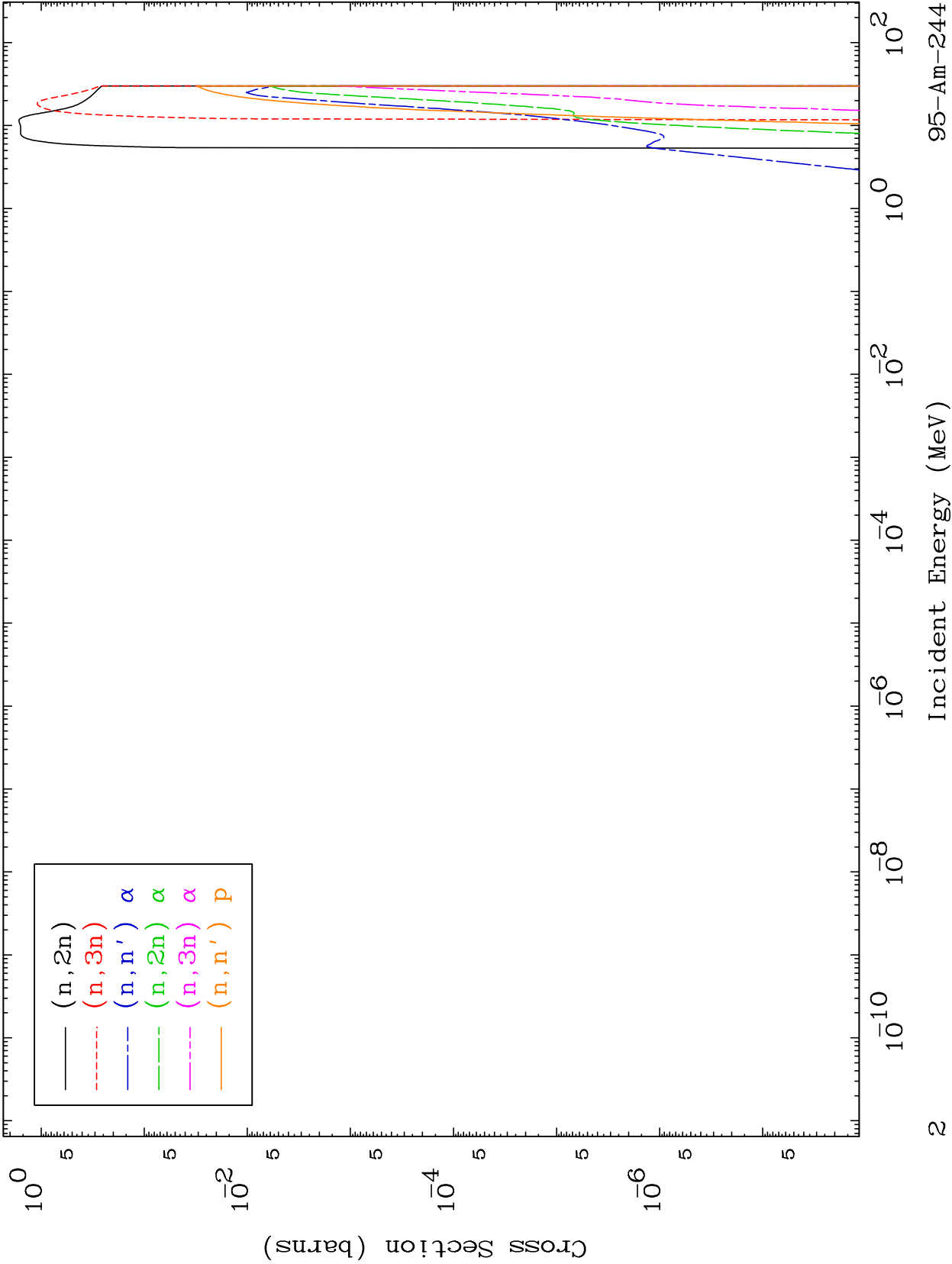
95-Am-244



MAT 9553

Neutron Production
293 Kelvin Cross Sections

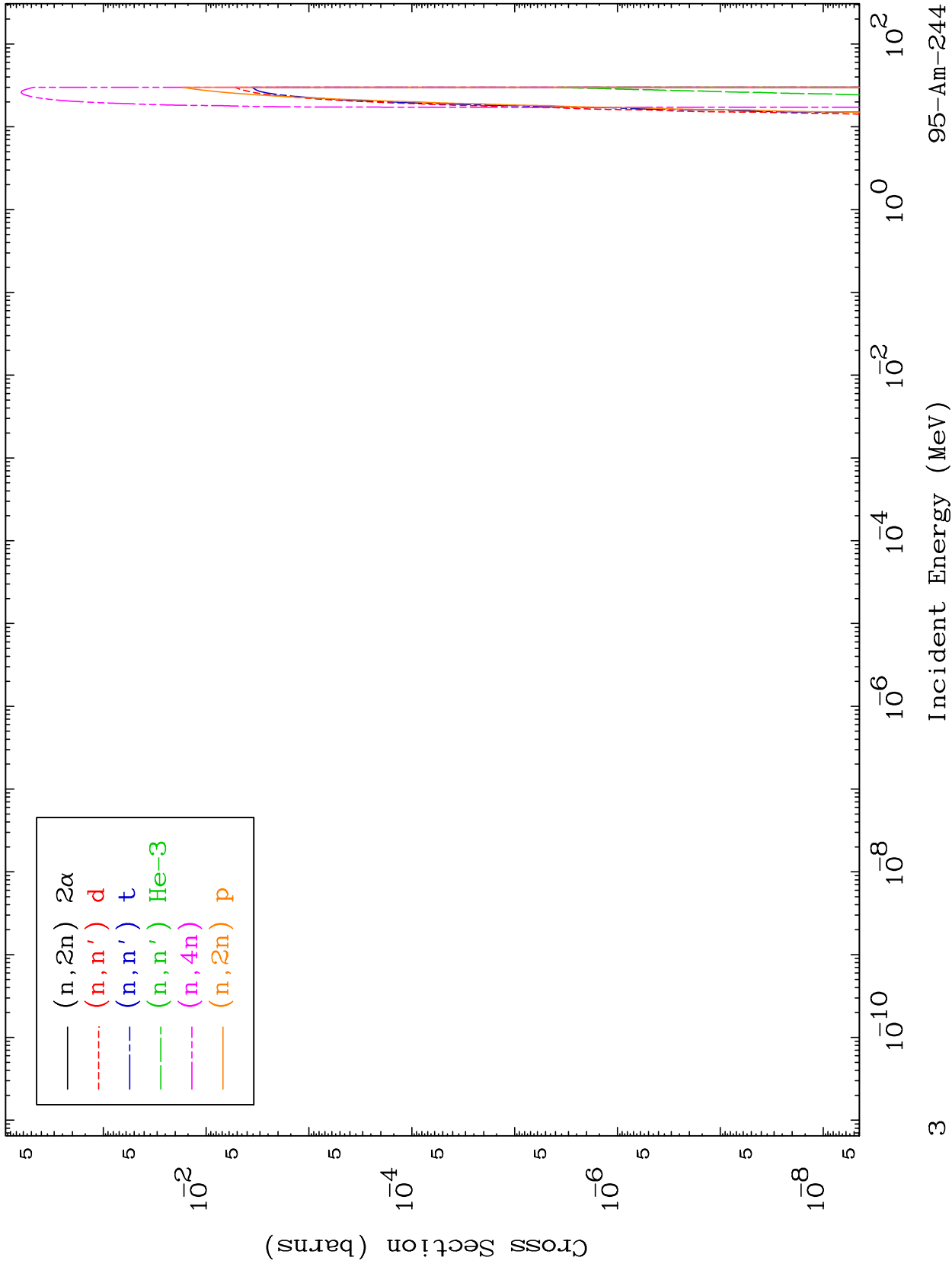
95-Am-244



MAT 9553

Neutron Production
293 Kelvin Cross Sections

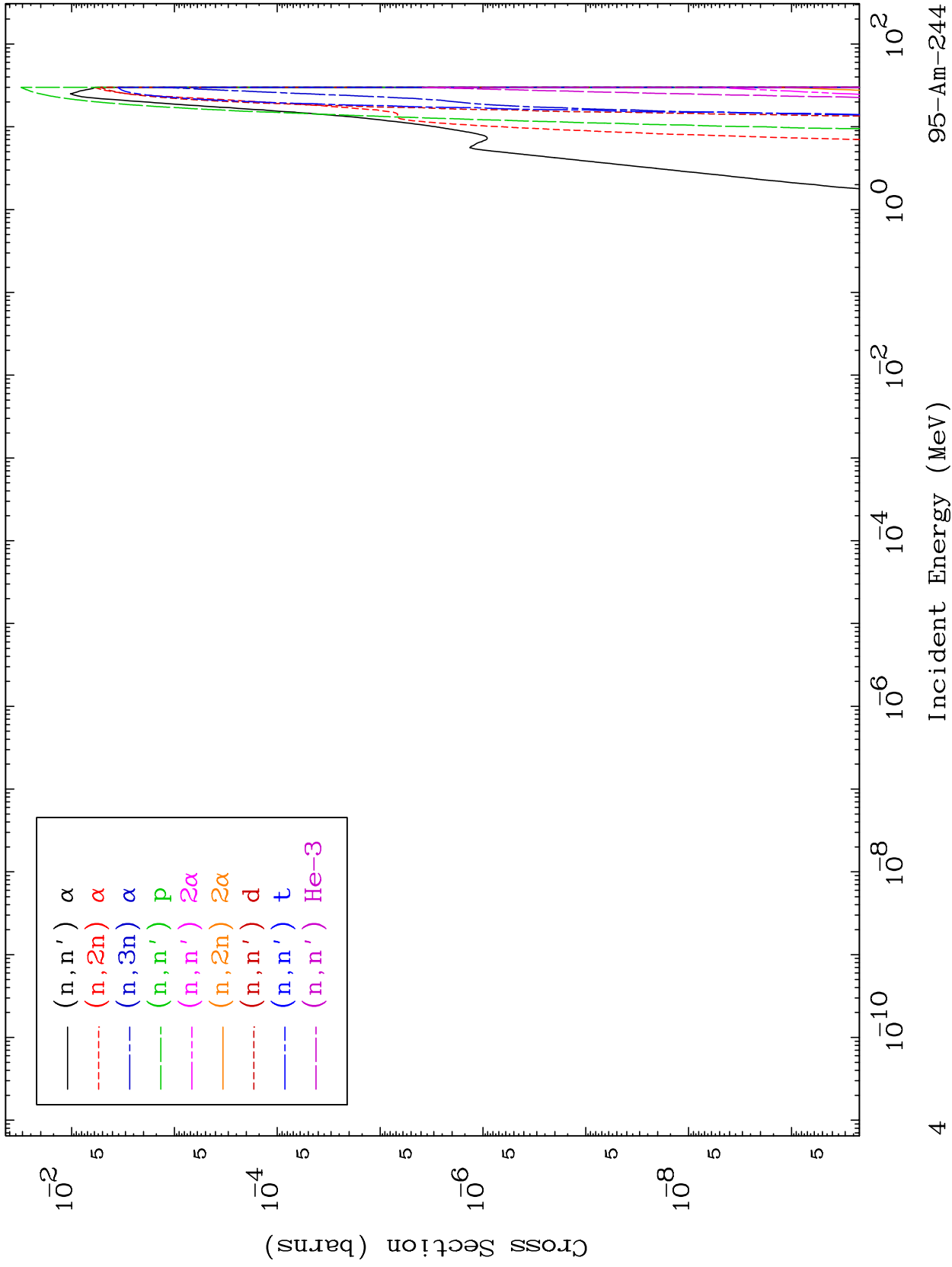
95-Am-244



MAT 9553

Charged Particle
293 Kelvin Cross Sections

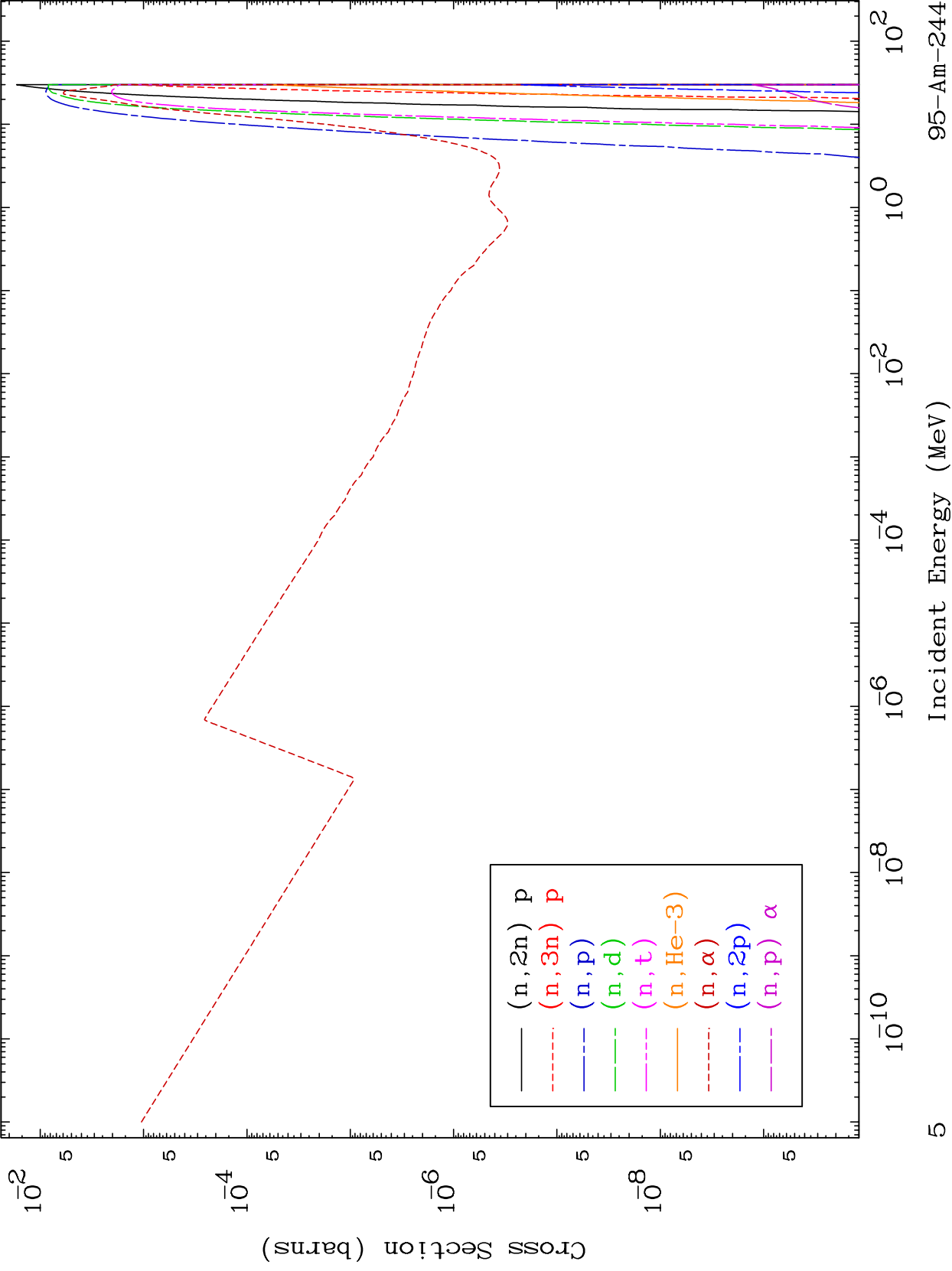
95-Am-244



MAT 9553

Charged Particle
293 Kelvin Cross Sections

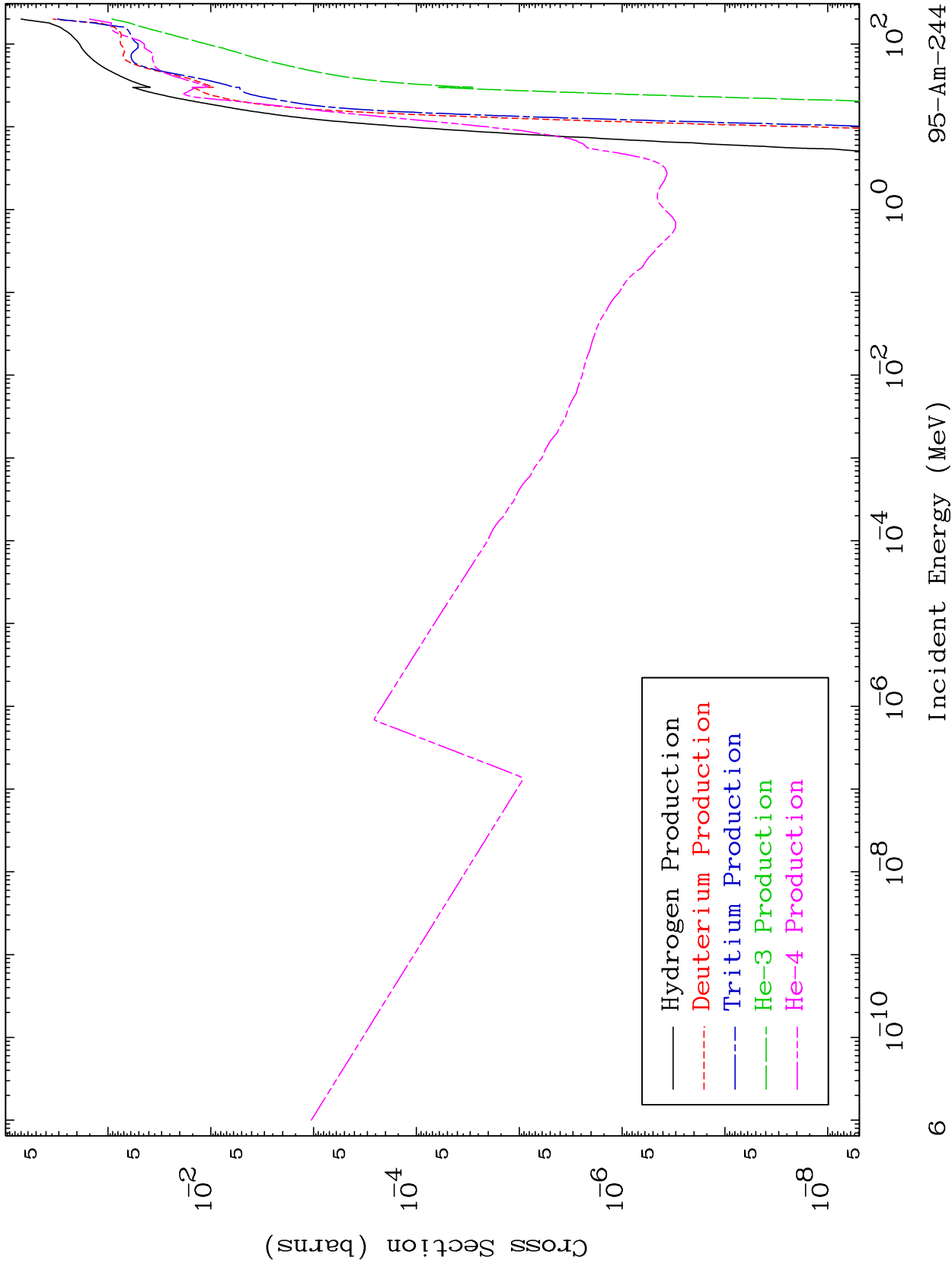
95-Am-244



MAT 9553

Particle Production
293 Kelvin Cross Sections

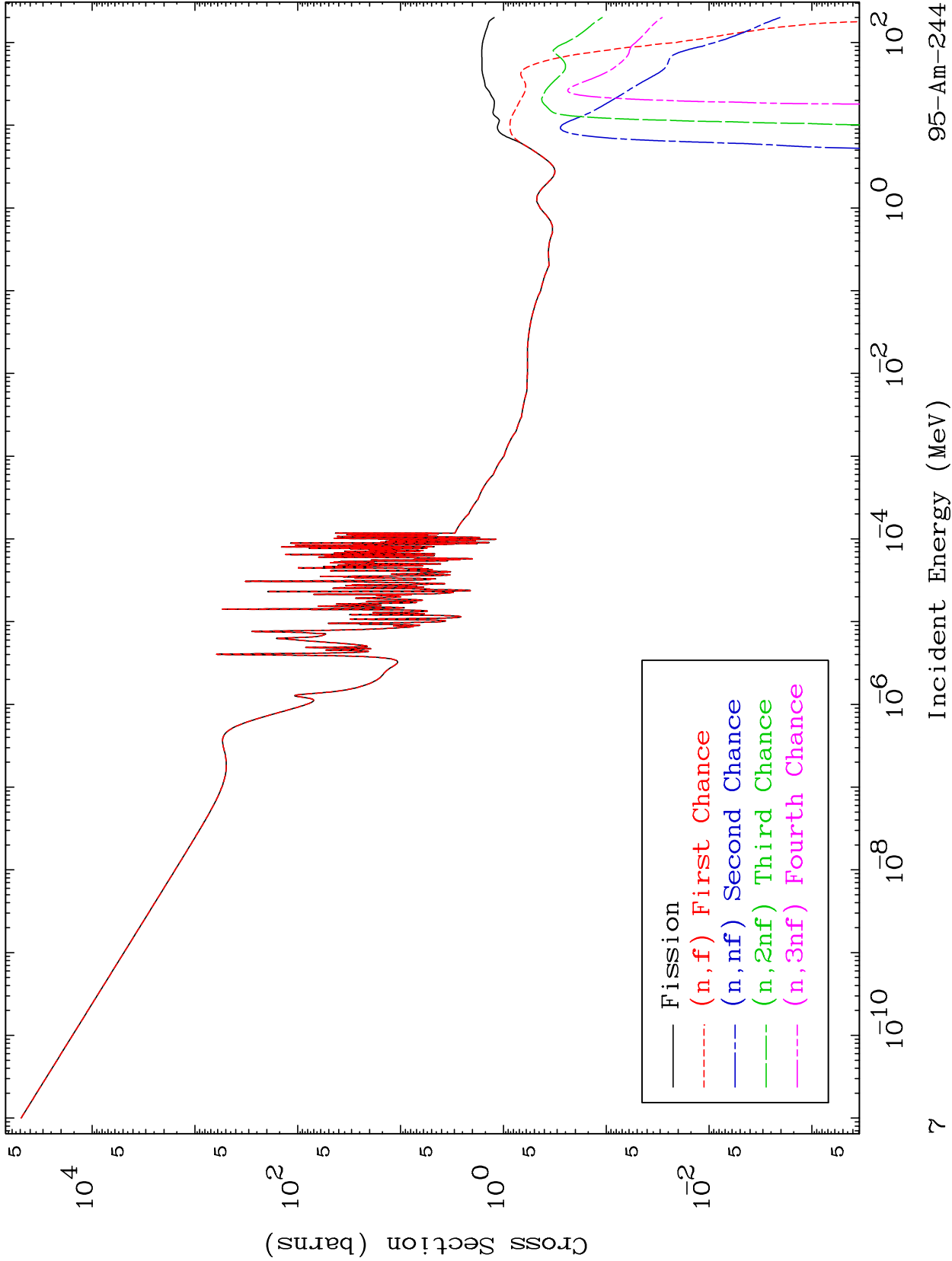
95-Am-244



MAT 9553

Fission
293 Kelvin Cross Sections

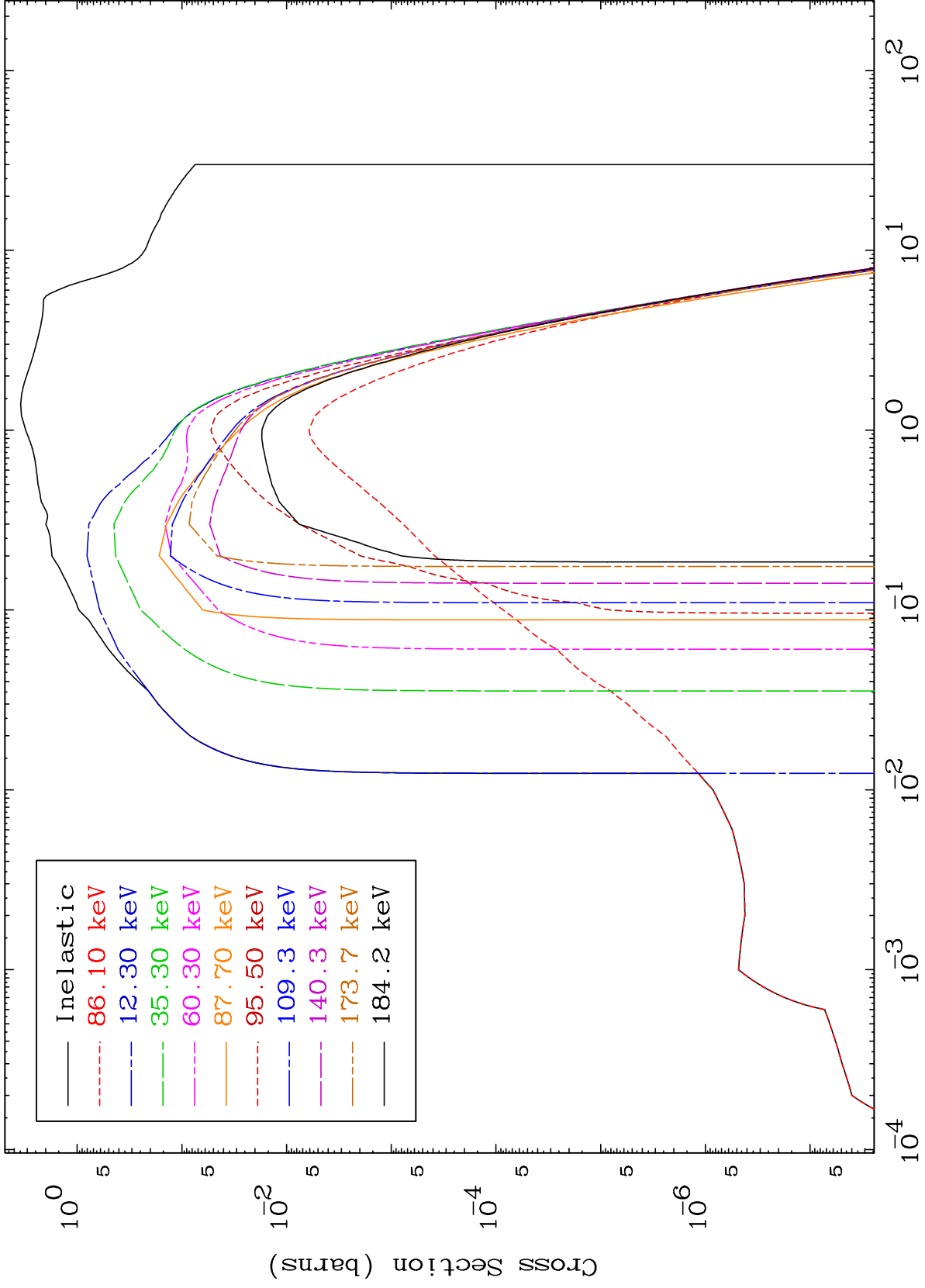
95-Am-244



MAT 9553

(n,n') Level
293 Kelvin Cross Sections

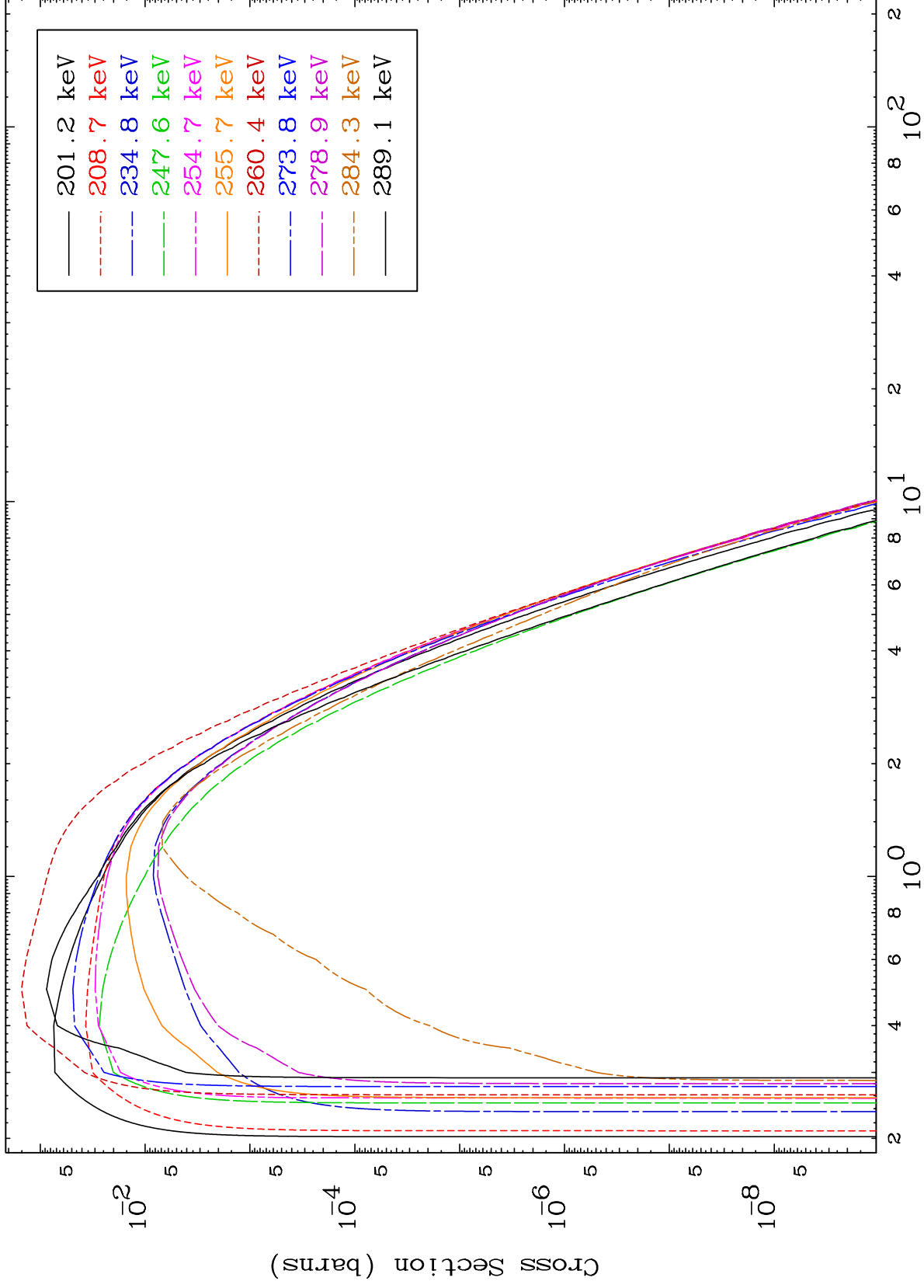
95-Am-244



MAT 9553

(n,n') Level
293 Kelvin Cross Sections

95-Am-244



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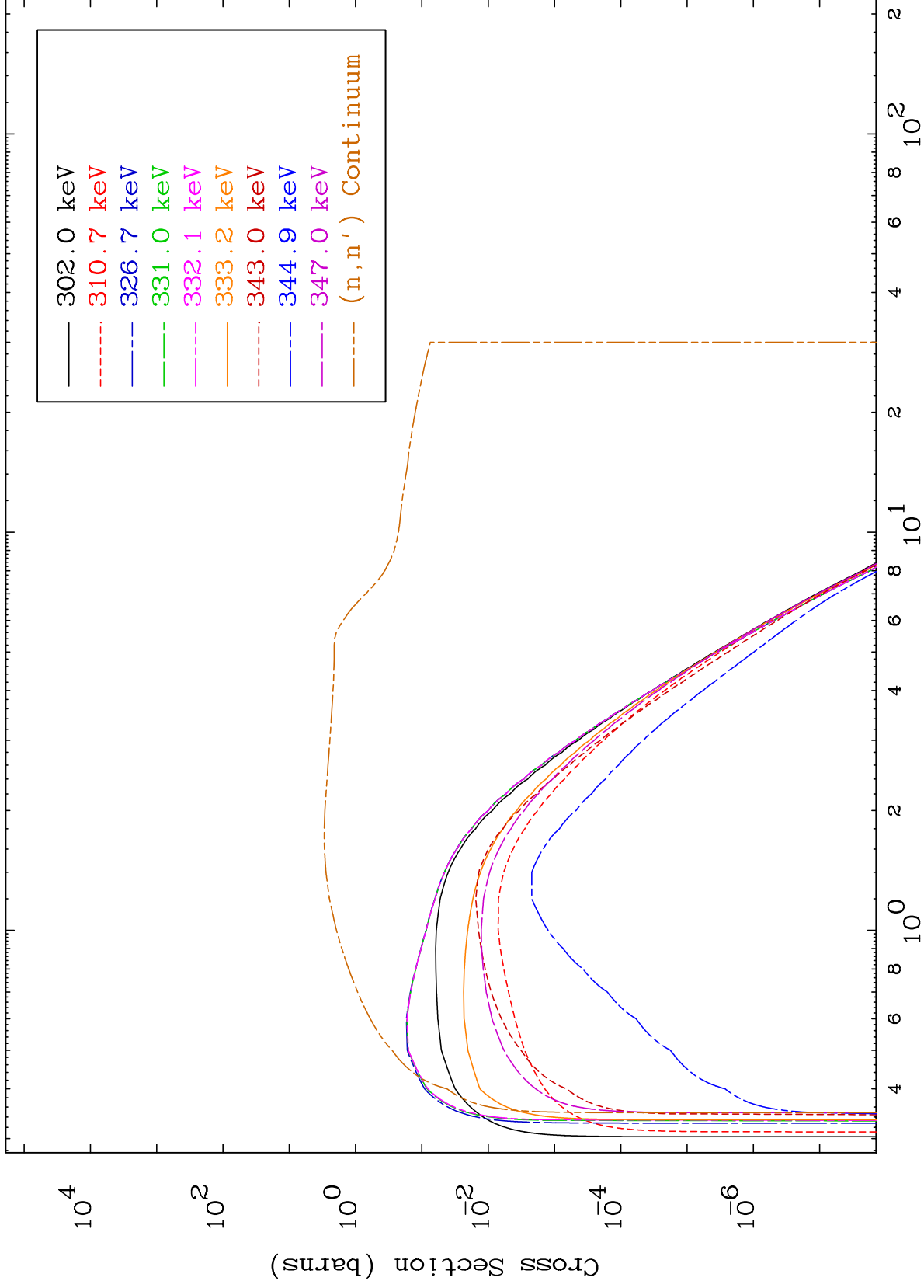
Incident Energy (MeV)

95-Am-244

MAT 9553

(n,n') Level
293 Kelvin Cross Sections

95-Am-244



10

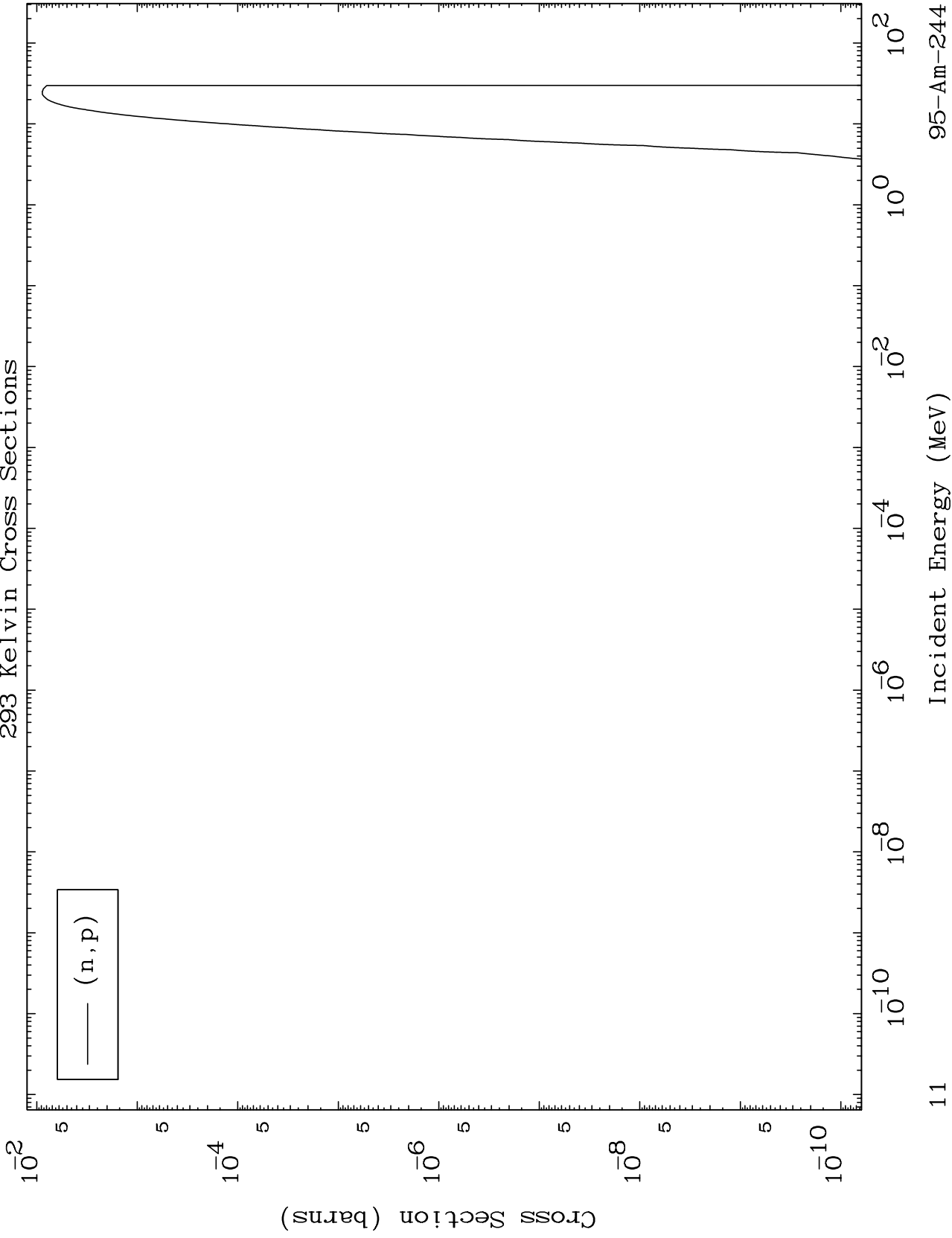
Incident Energy (MeV)

95-Am-244

MAT 9553

(n,p) Levels
293 Kelvin Cross Sections

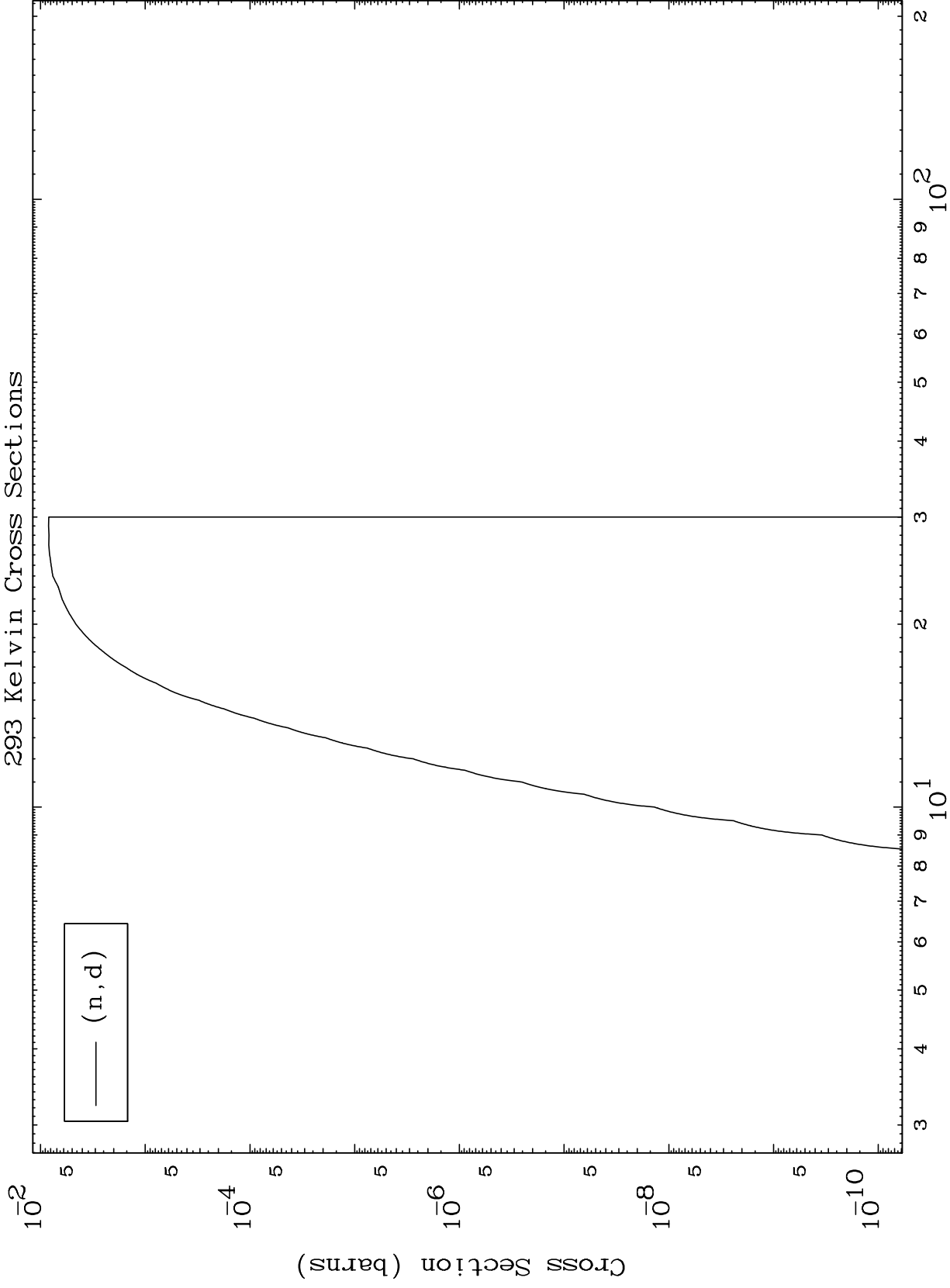
95-Am-244



MAT 9553

(n,d) Levels
293 Kelvin Cross Sections

95-Am-244



12

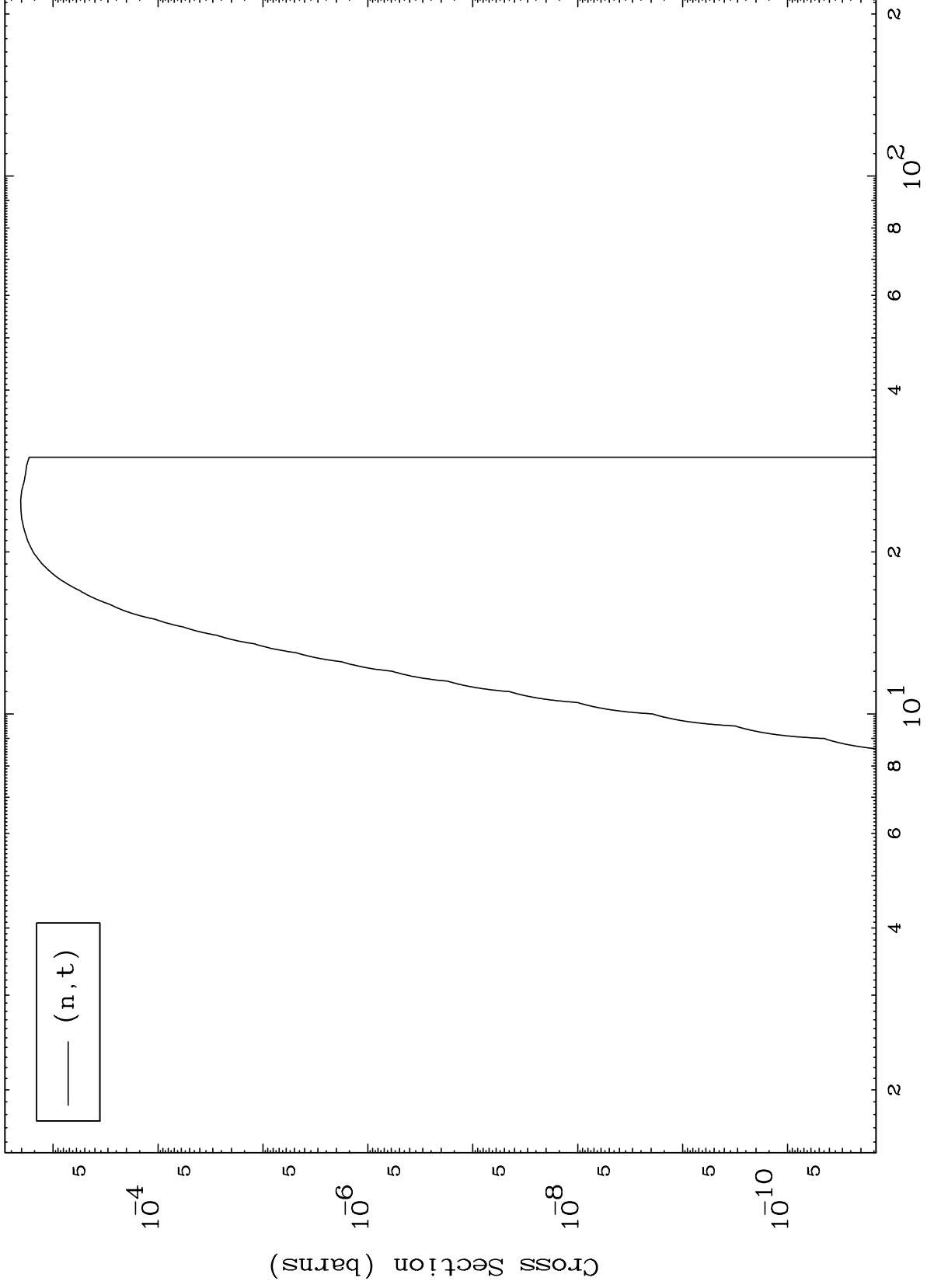
Incident Energy (MeV)

95-Am-244

MAT 9553

(n,t) Levels
293 Kelvin Cross Sections

95-Am-244



13

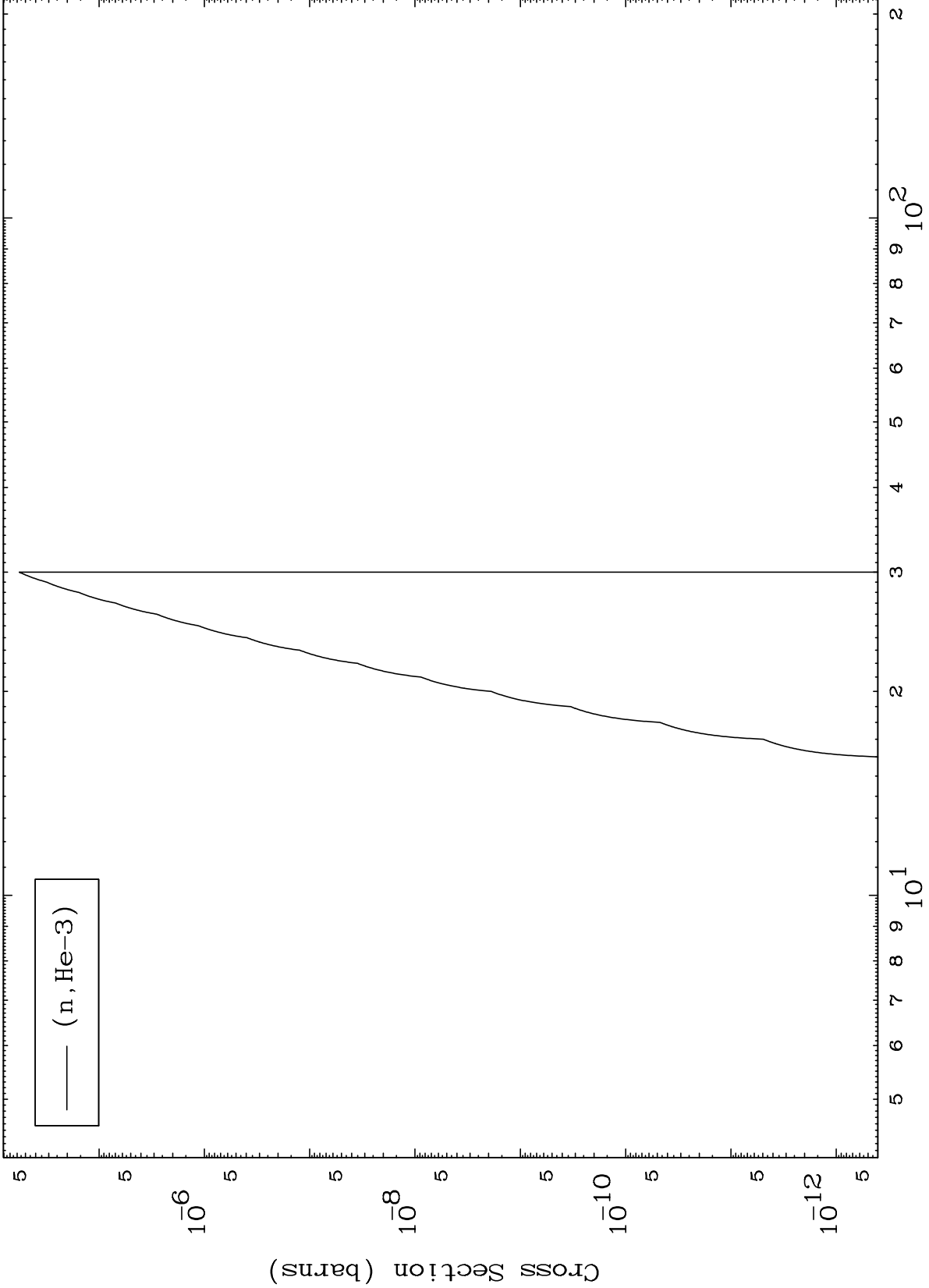
Incident Energy (MeV)

95-Am-244

MAT 9553

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-244



14

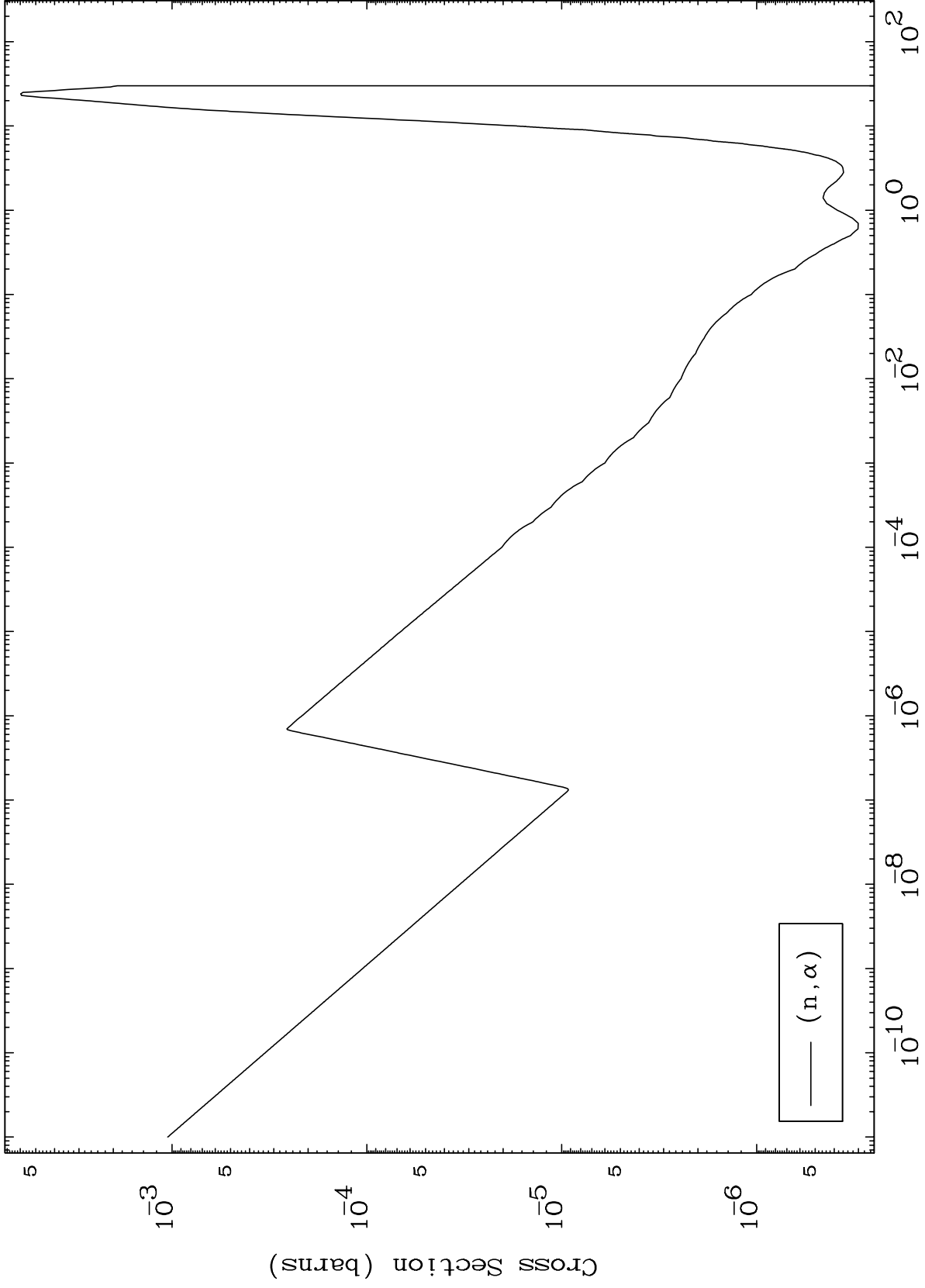
Incident Energy (MeV)

95-Am-244

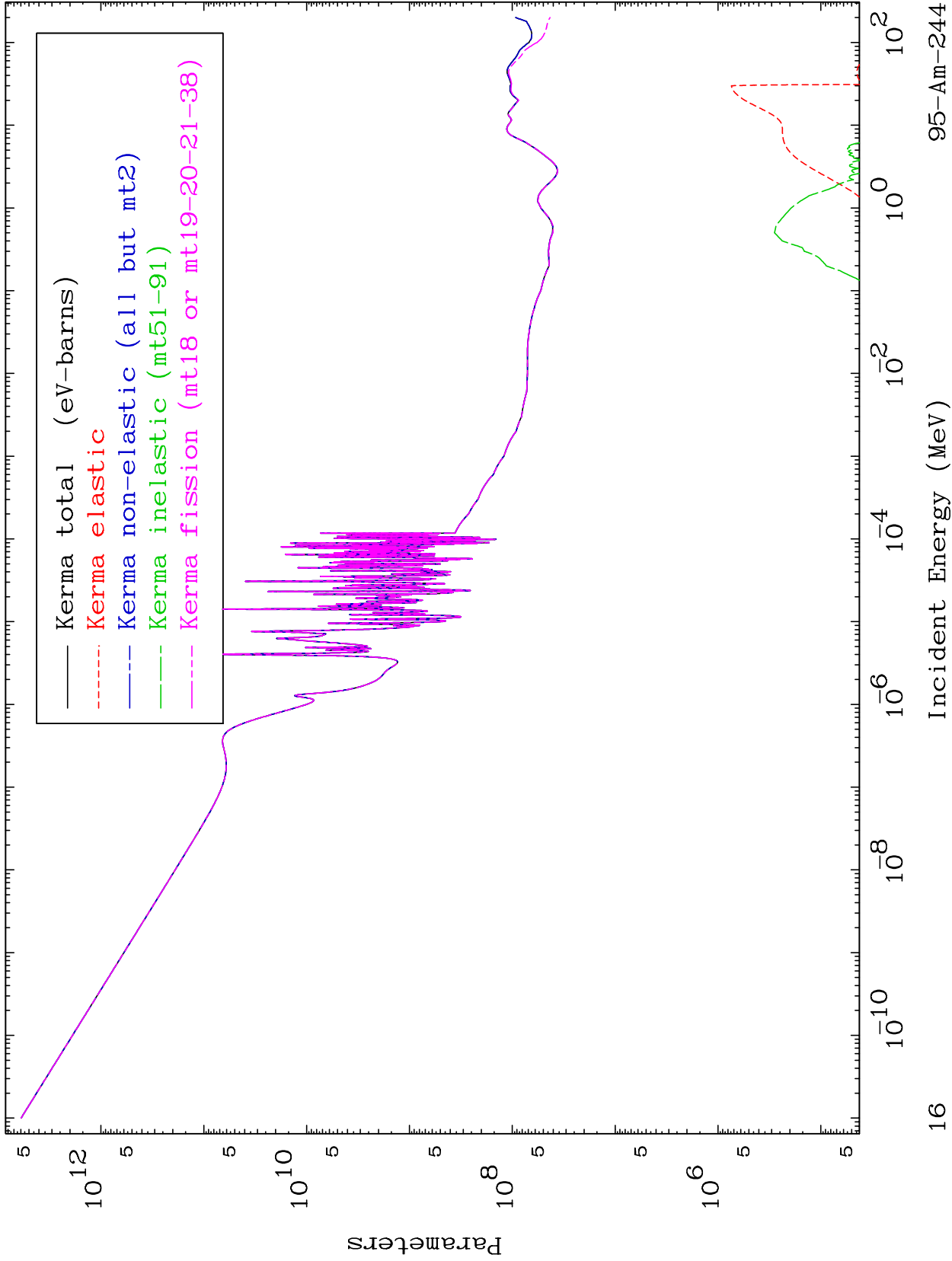
MAT 9553

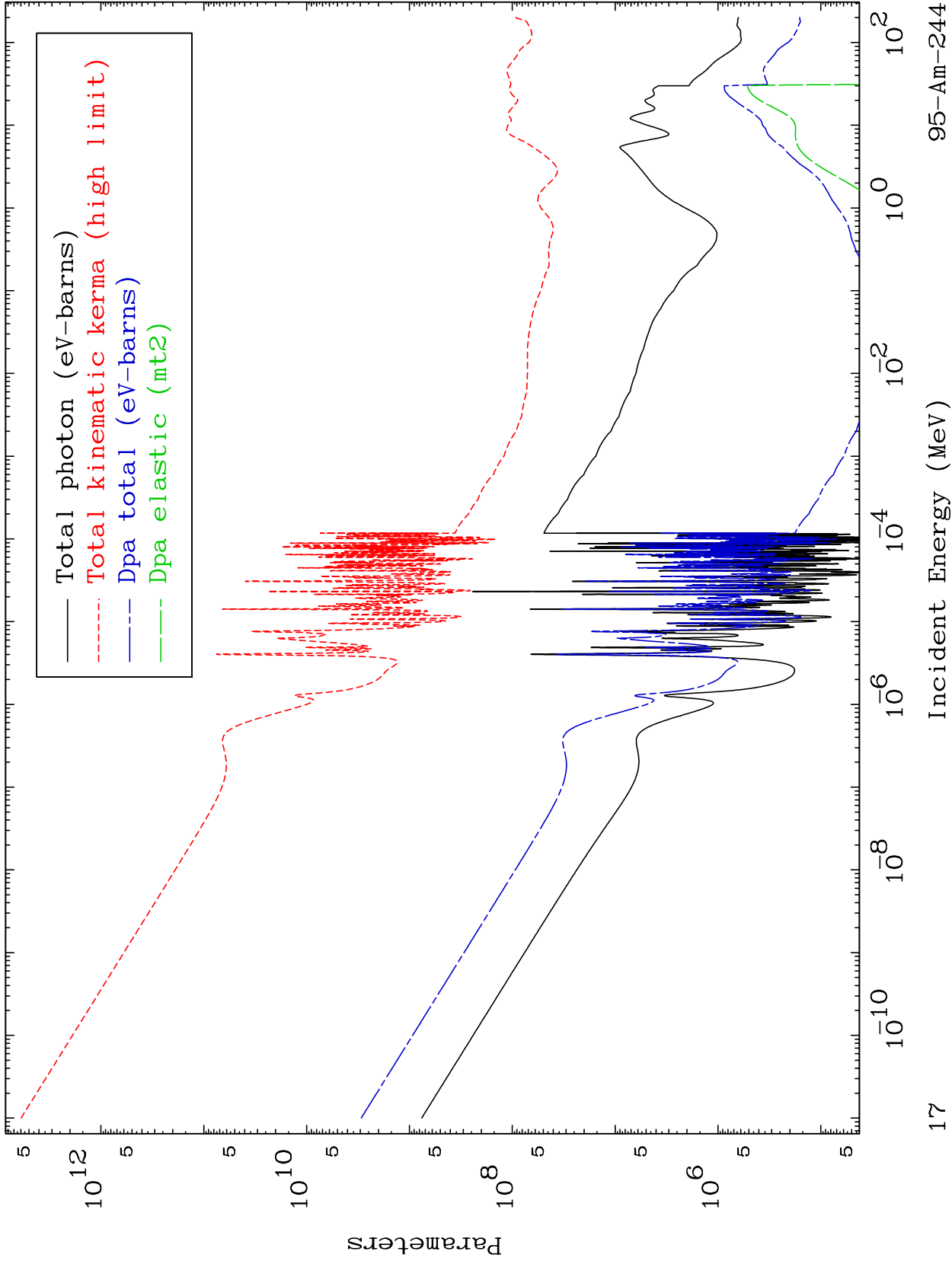
(n, α) Levels
293 Kelvin Cross Sections

95-Am-244



(n, α)

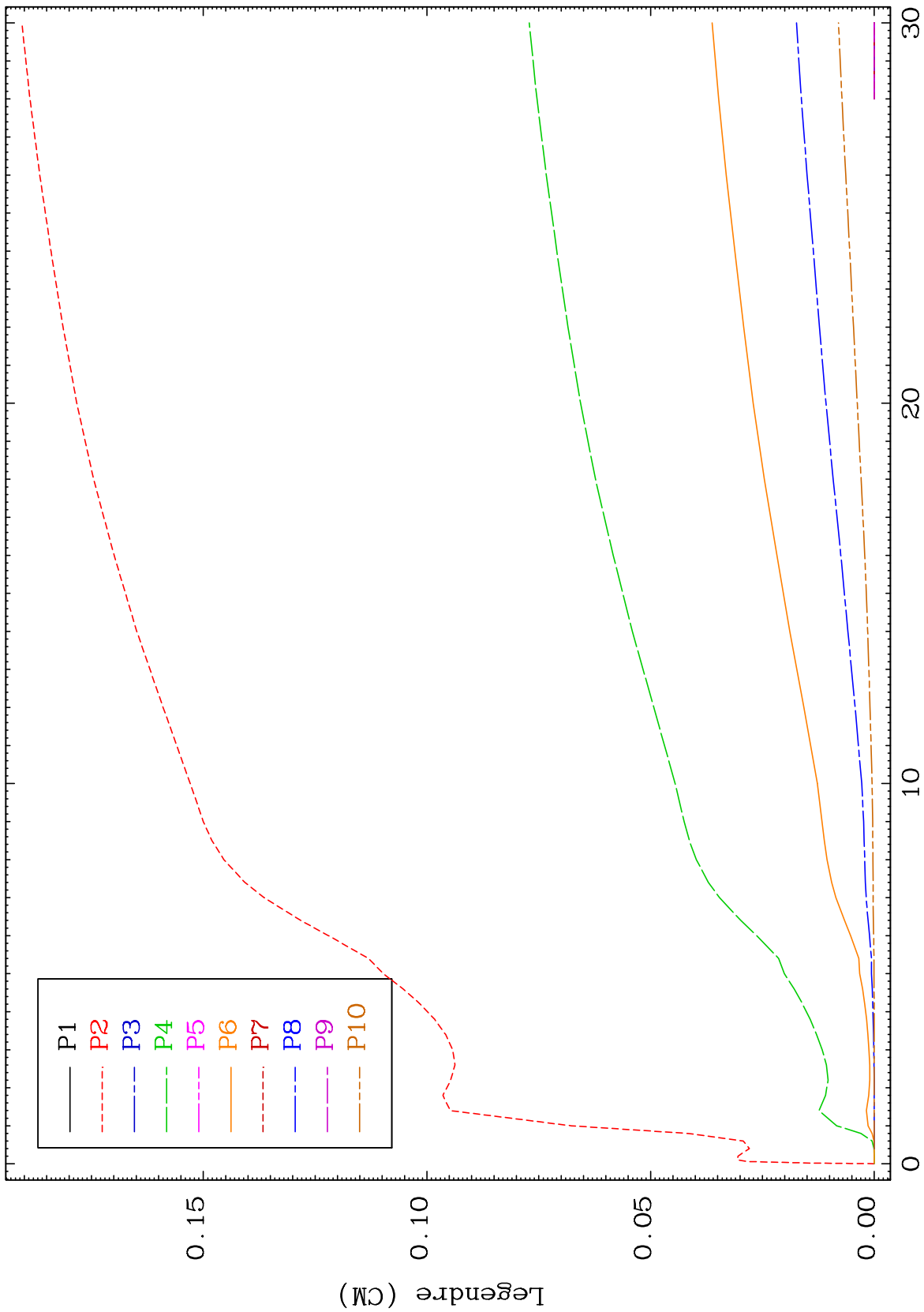




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Elastic Legendre Coefficients

95-Am-244



95-Am-244

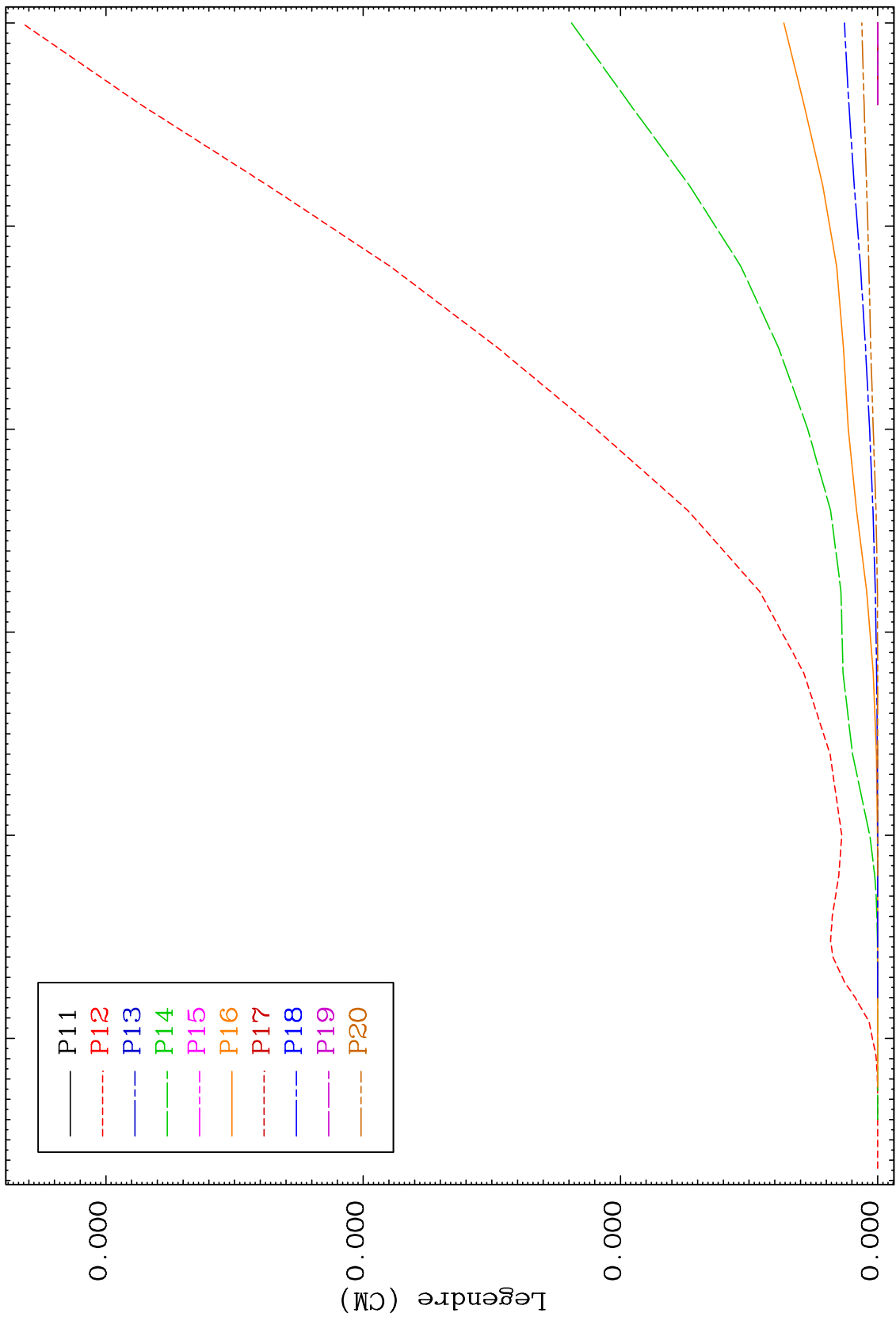
Incident Energy (MeV)

18

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Elastic
Legendre Coefficients

95-Am-244



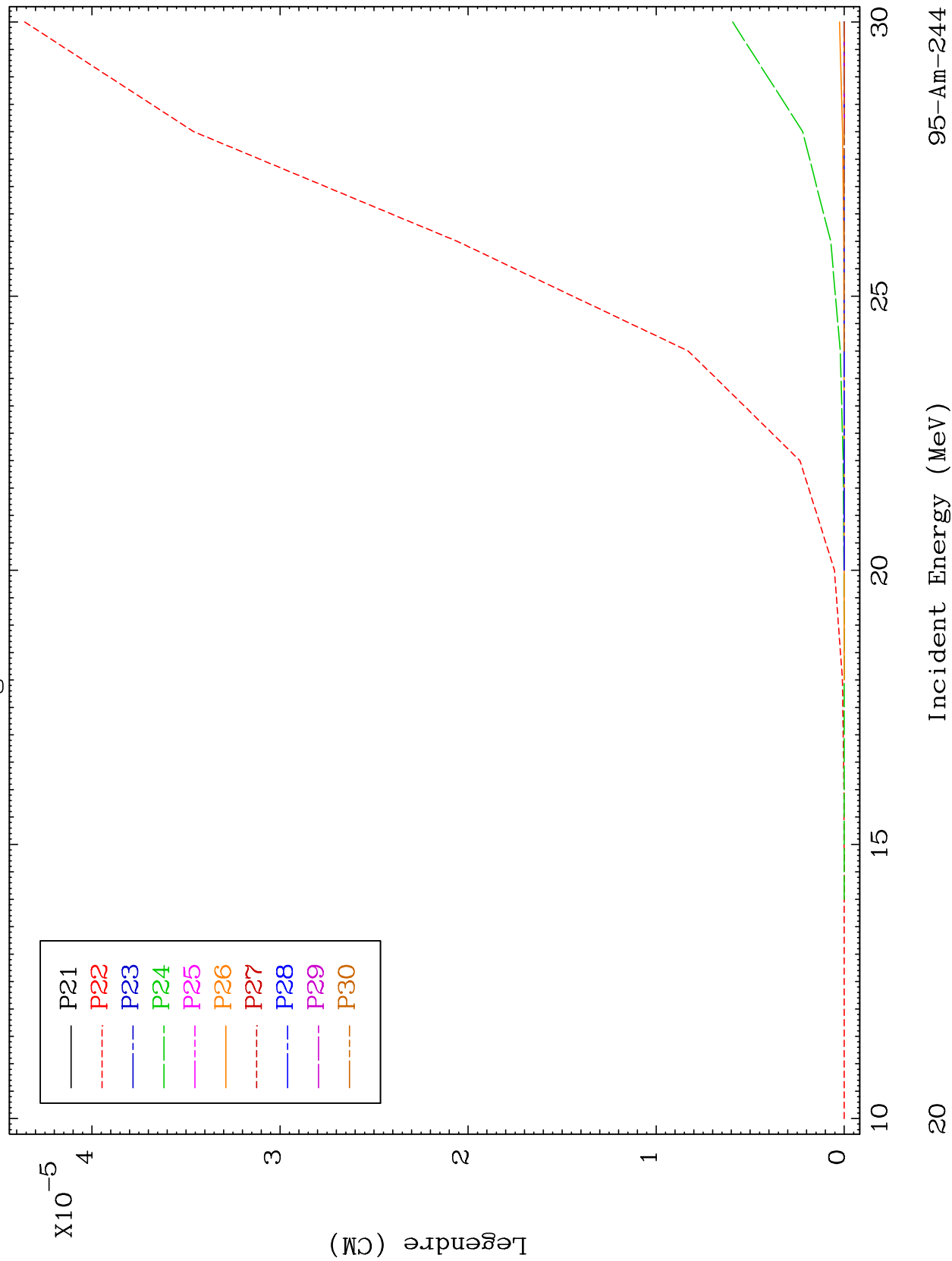
19

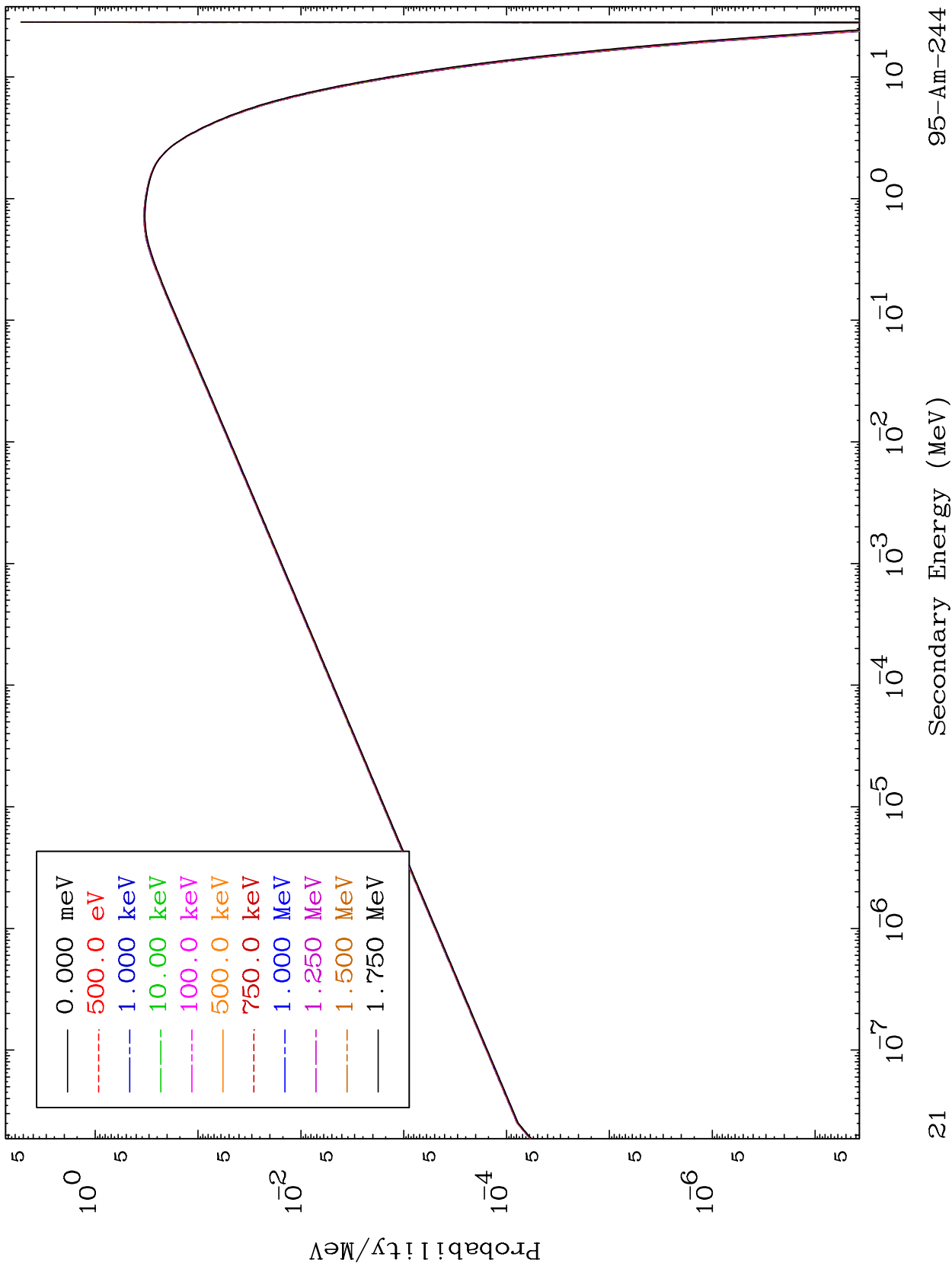
95-Am-244

MAT 9553

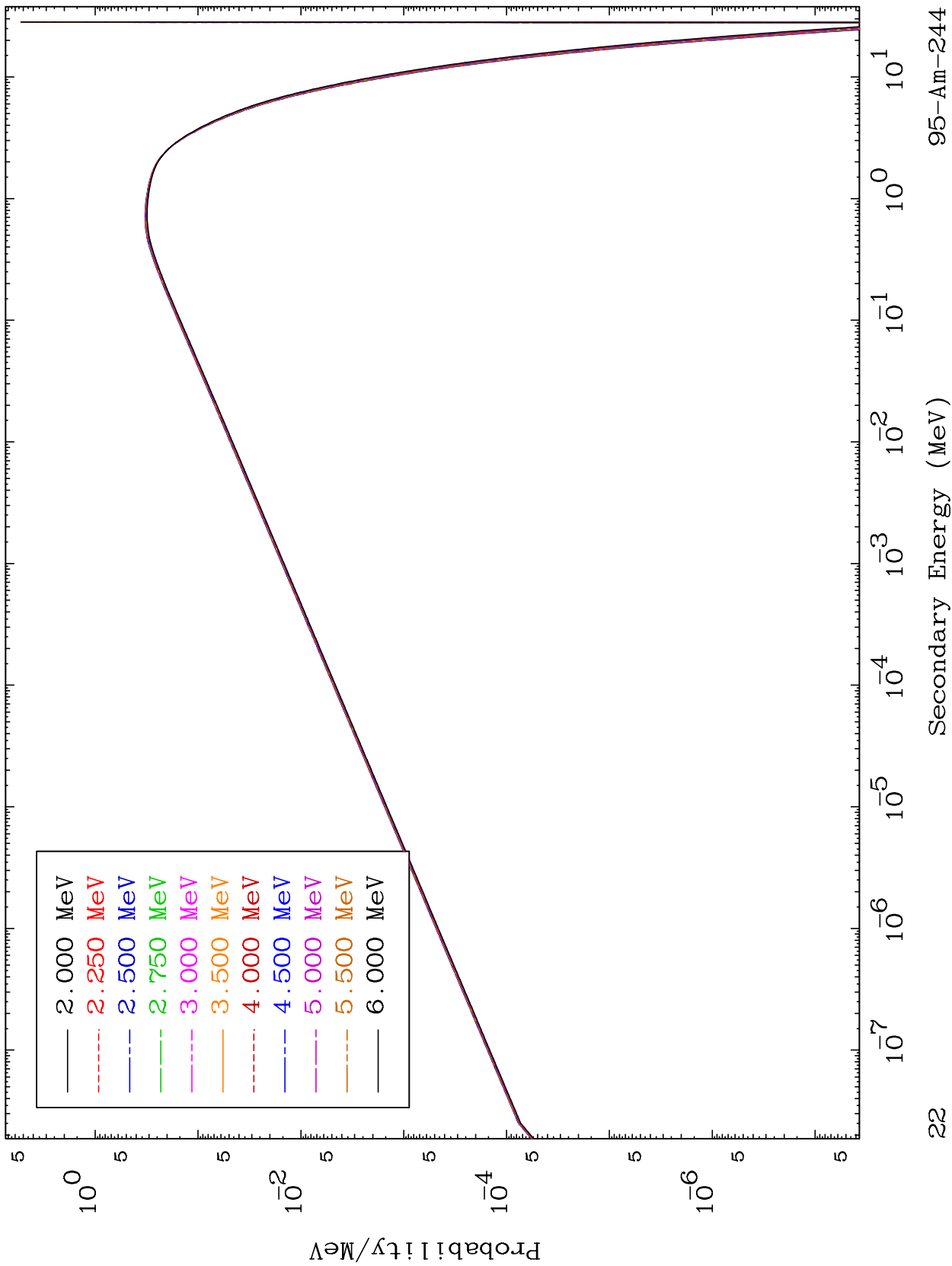
Elastic Legendre Coefficients

95-Am-244

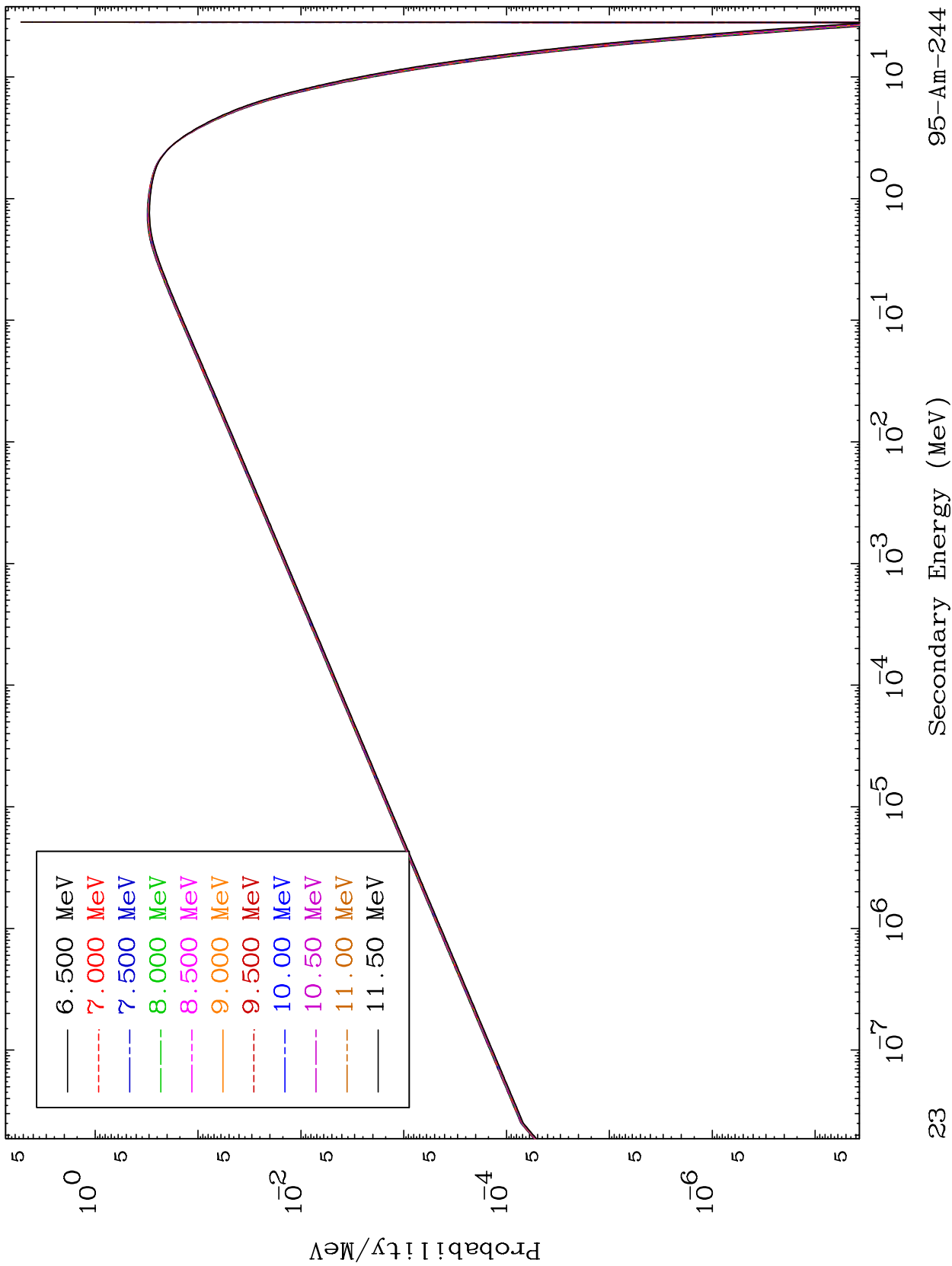




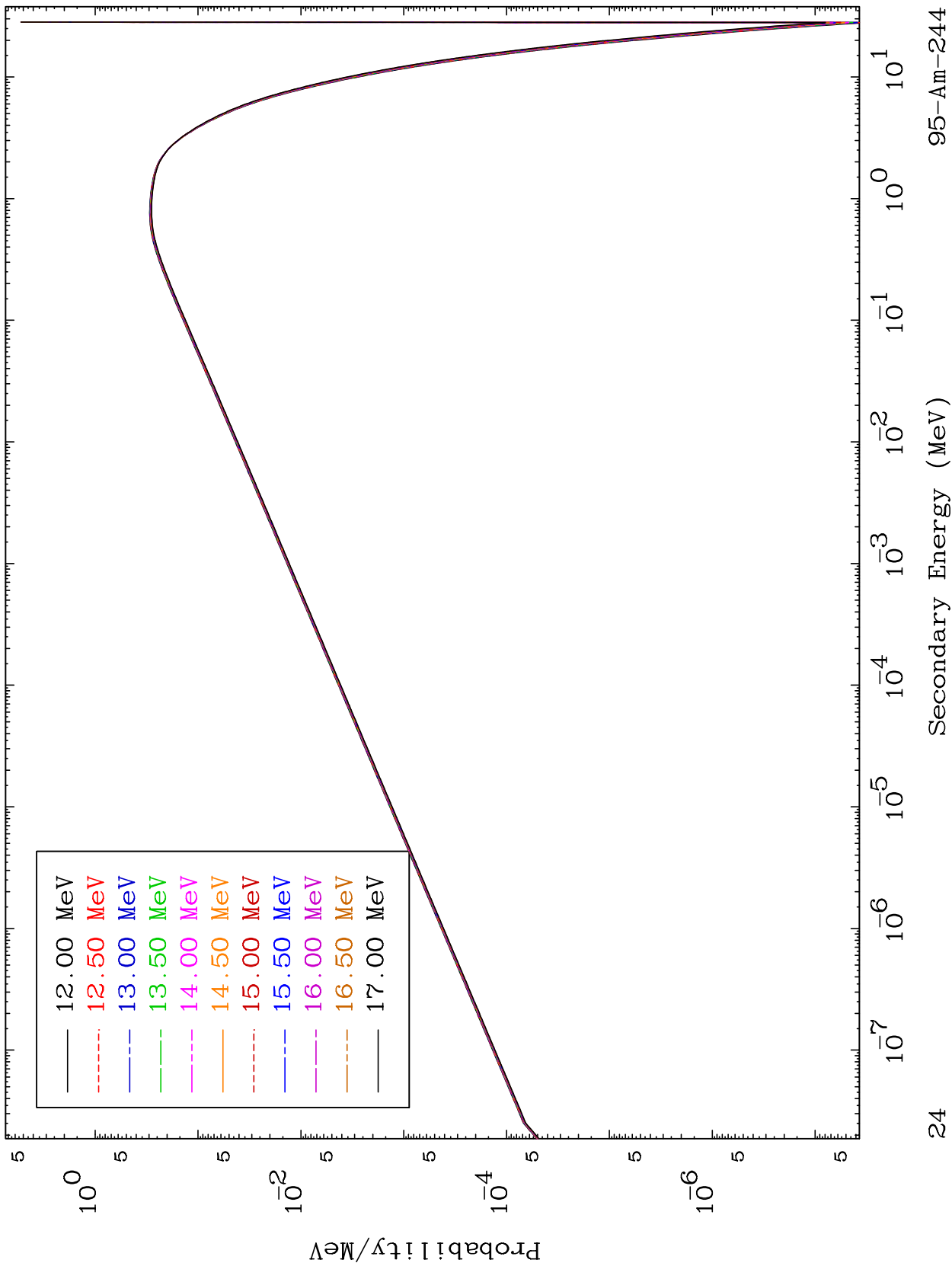
Fission Energy Distribution



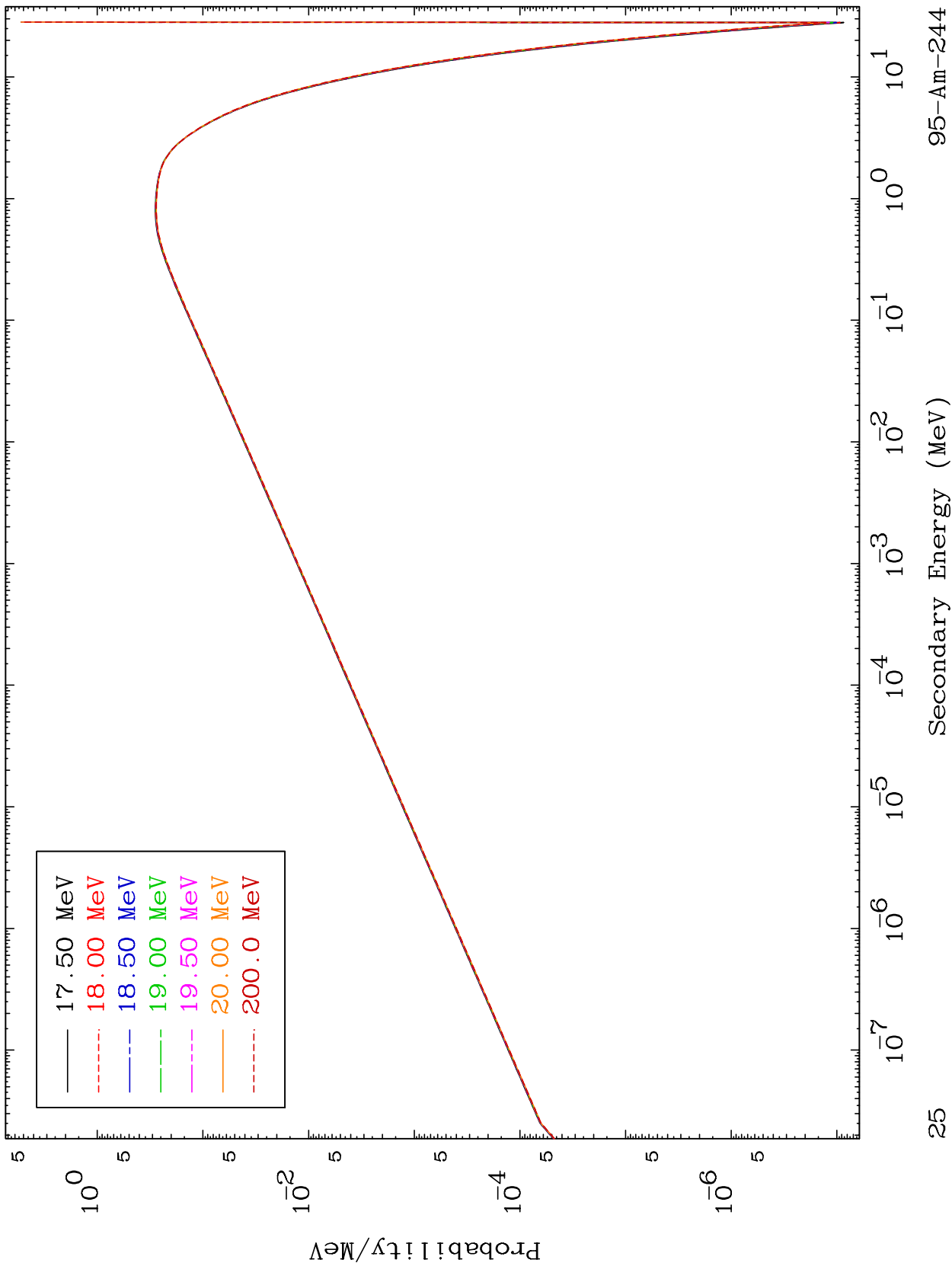
Fission Energy Distribution



Fission Energy Distribution



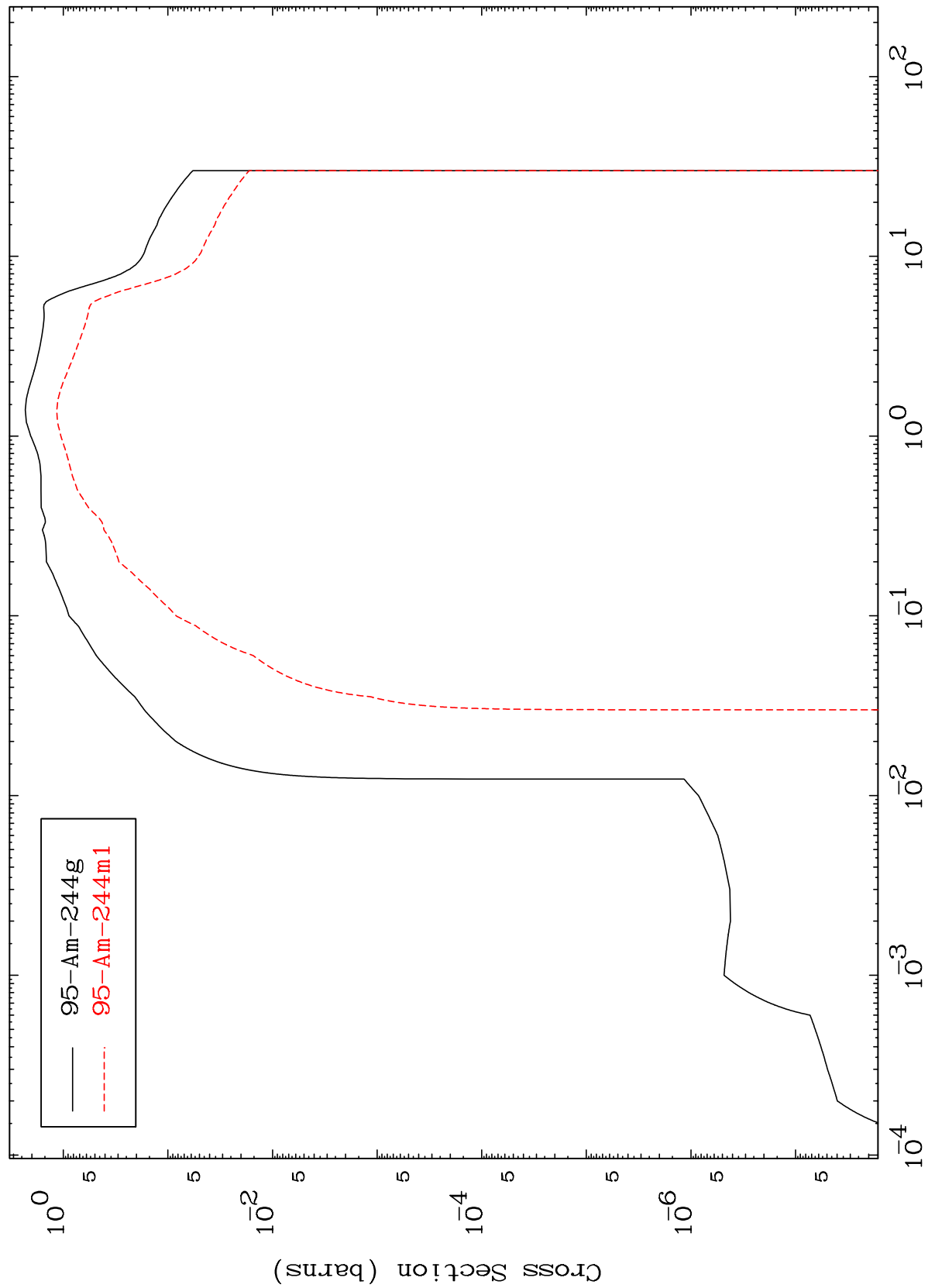
Fission
Energy Distribution



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95-Am-244

Radionuclide Production Cross Section



Legend:
— 95-Am-244g
- - - 95-Am-244m1

95-Am-244

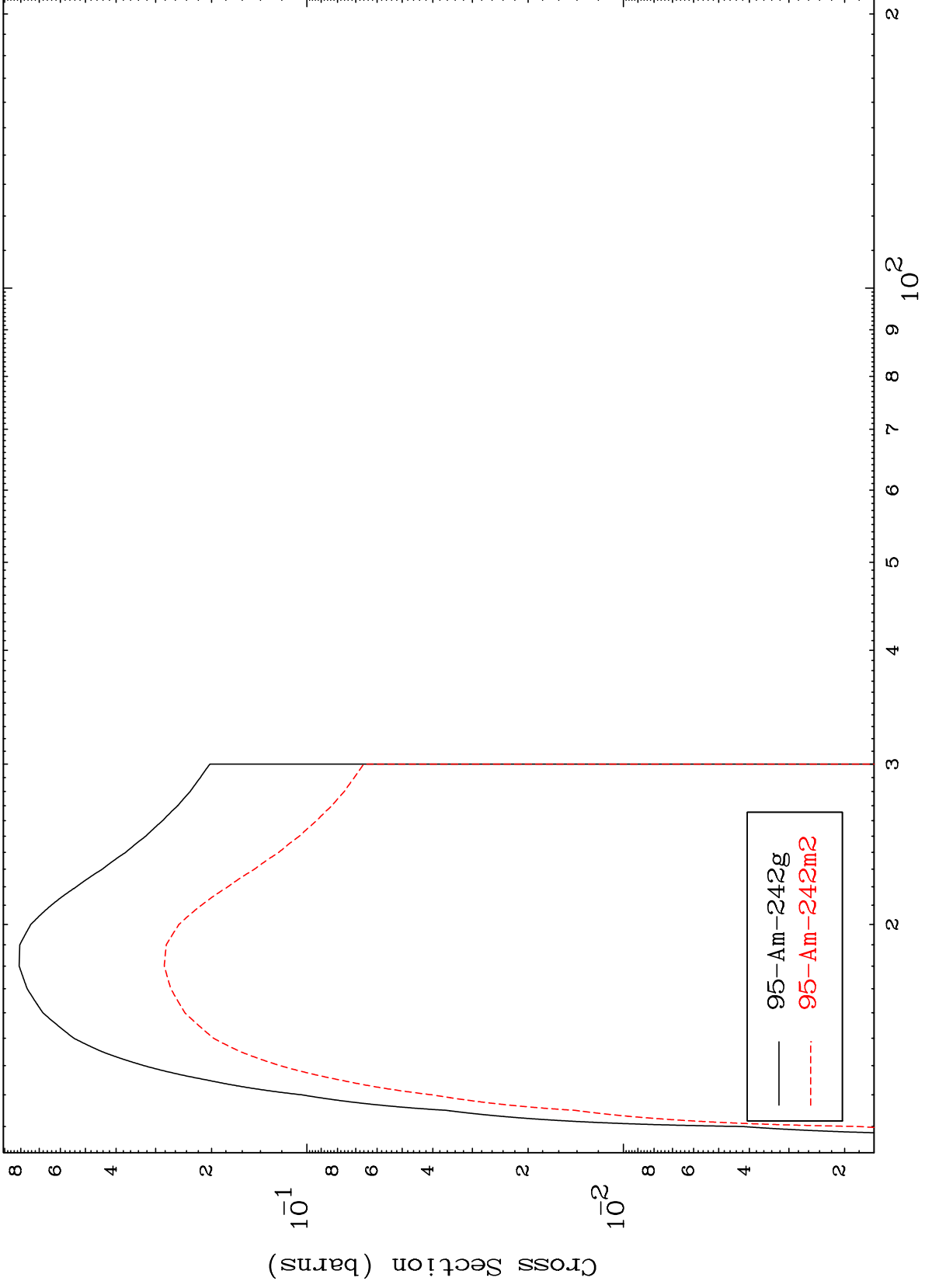
Incident Energy (MeV)

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95-Am-244

(n,3n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

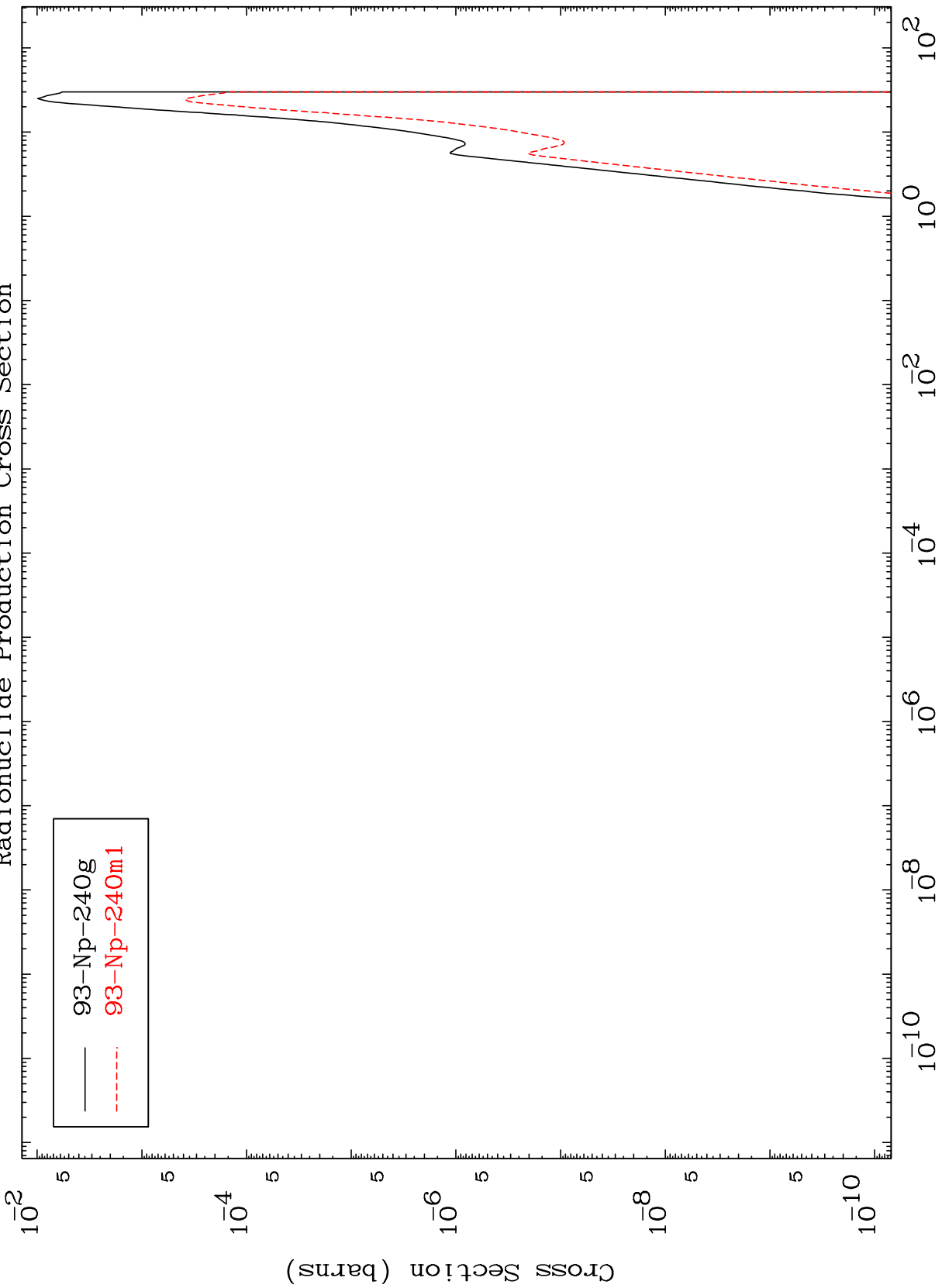
95-Am-244

MAT 9553

$(n, n') \alpha$

95-Am-244

Radionuclide Production Cross Section



93-Np-240g
93-Np-240m1

Incident Energy (MeV)

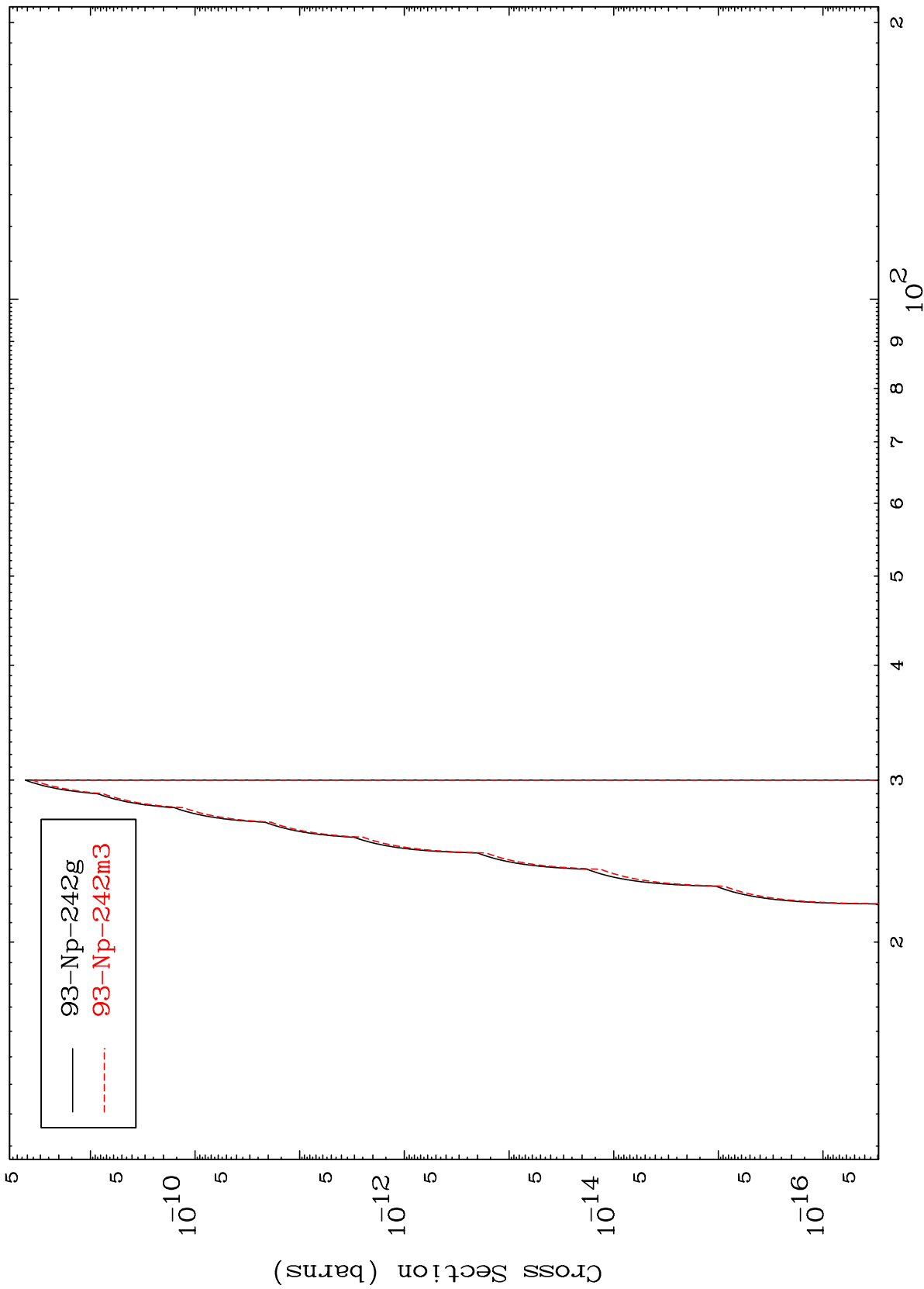
95-Am-244

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(n,2n) p

95-Am-244

Radionuclide Production Cross Section

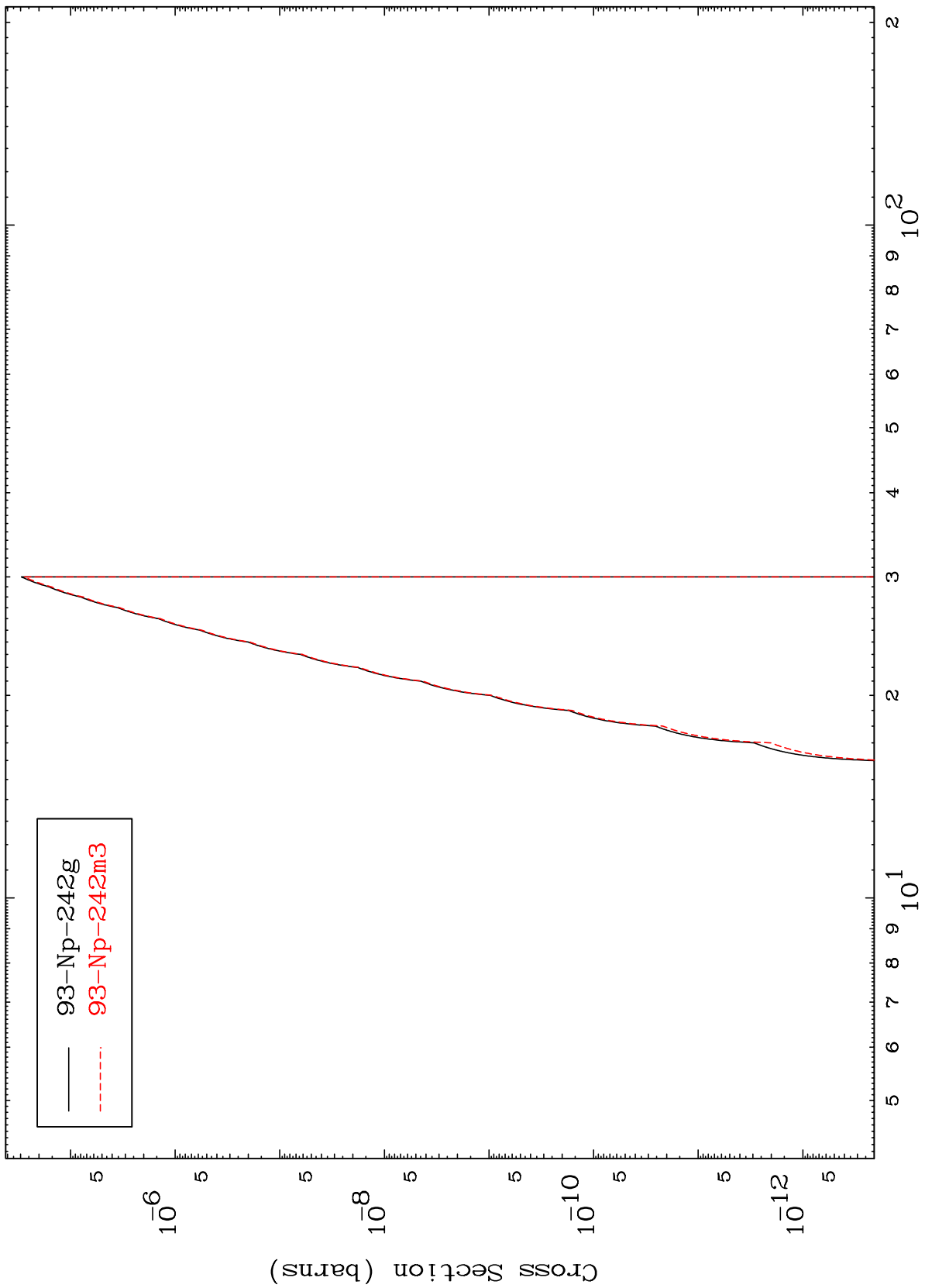


93-Np-242g
93-Np-242m3

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95-Am-244

Radionuclide Production Cross Section
(n,He-3)



30

Incident Energy (MeV)

95-Am-244