

Program EVALPLOT
(Version 2018-1)

by

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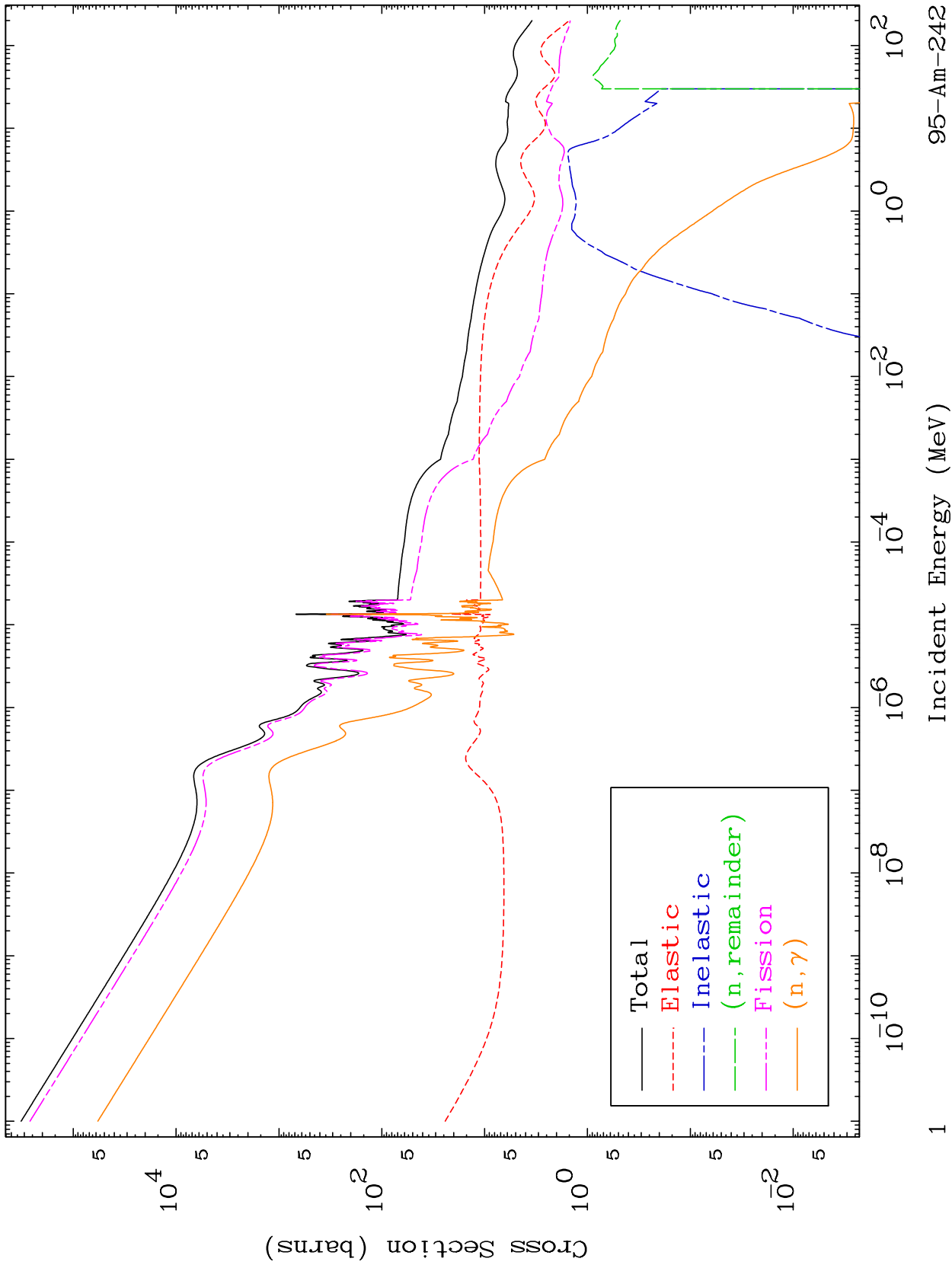
Press Mouse Button to Start

MAT 9547

Major

293 Kelvin Cross Sections

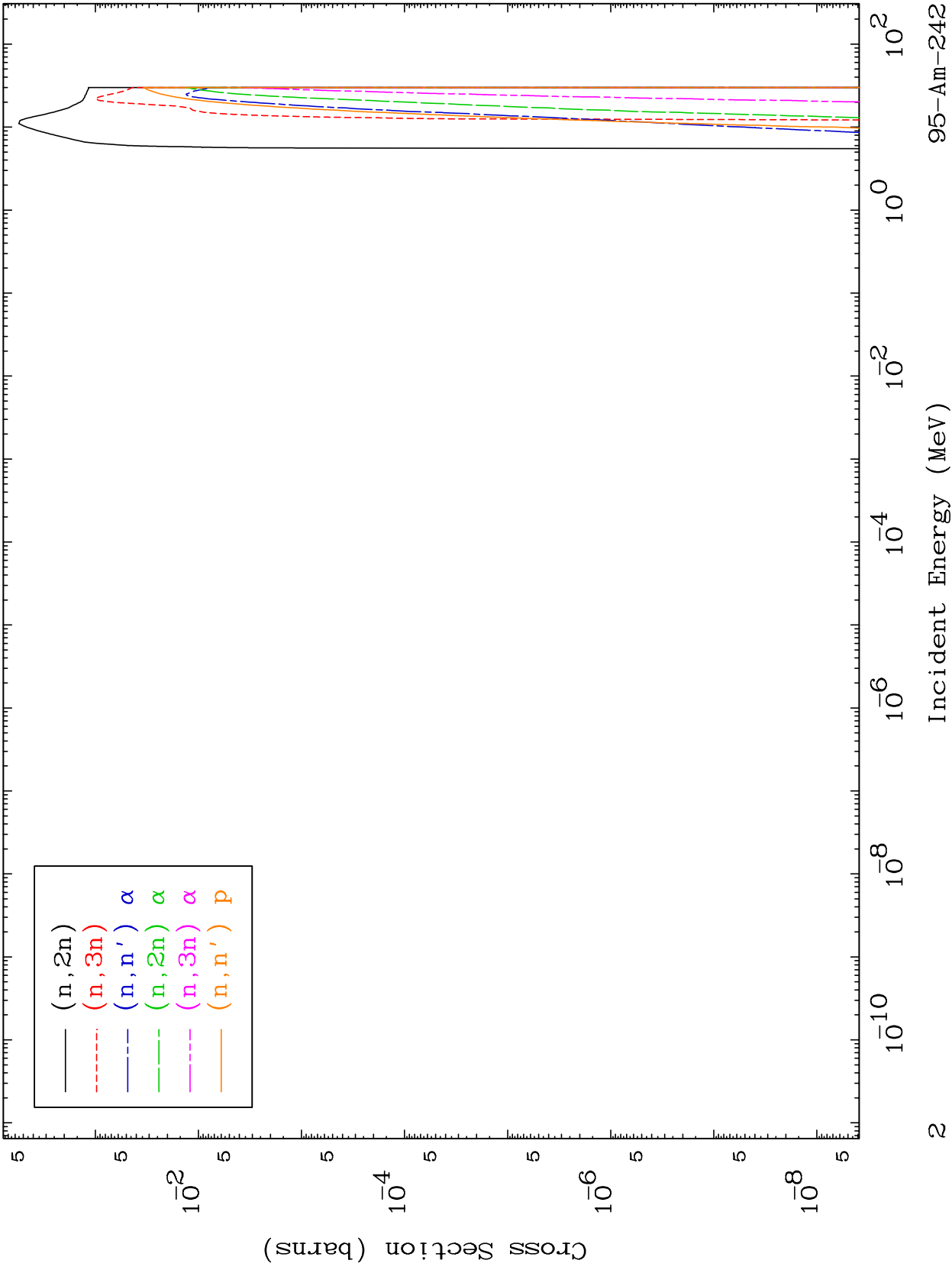
95-Am-242



MAT 9547

Neutron Production
293 Kelvin Cross Sections

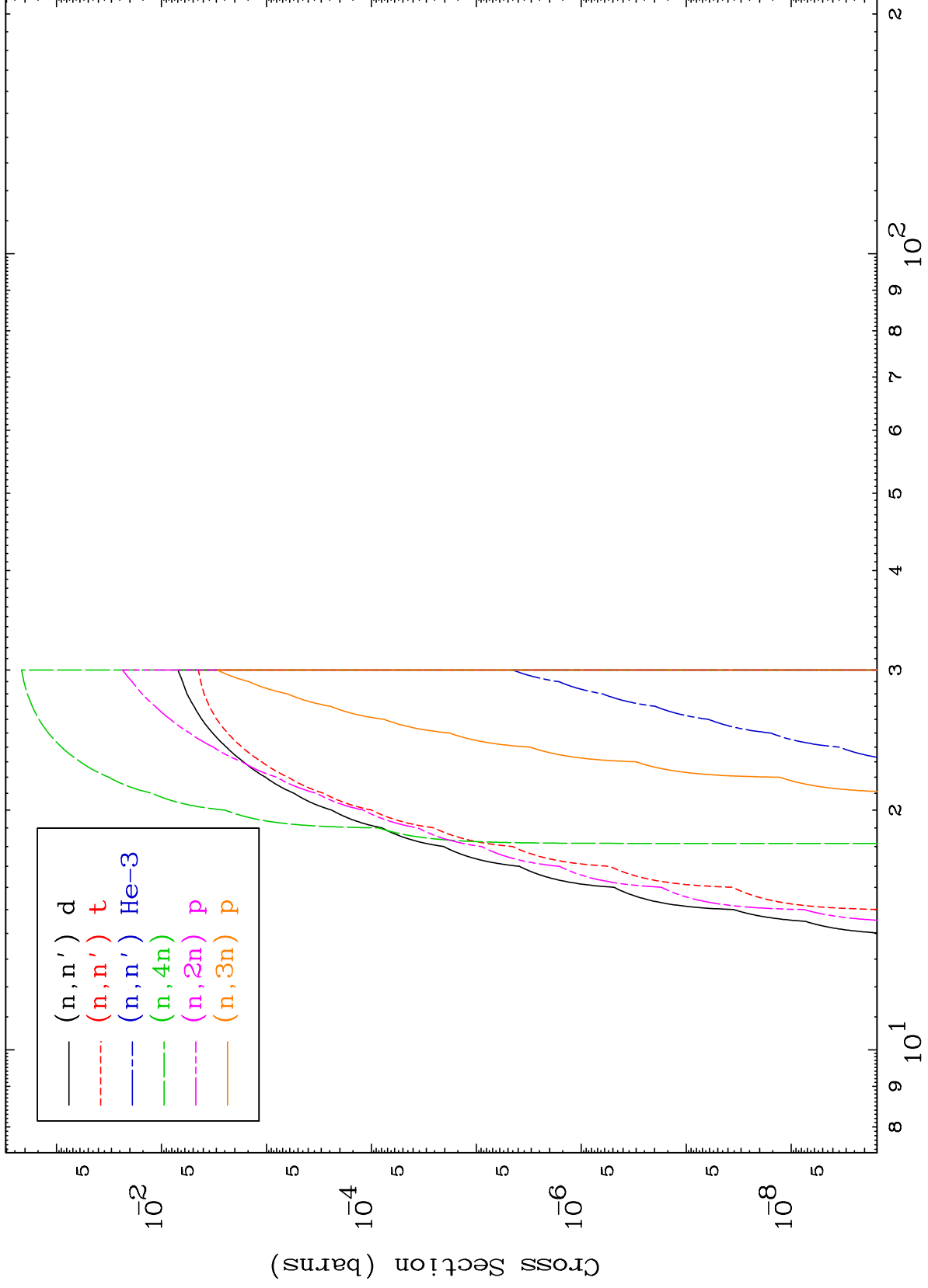
95-Am-242



MAT 9547

Neutron Production
293 Kelvin Cross Sections

95-Am-242



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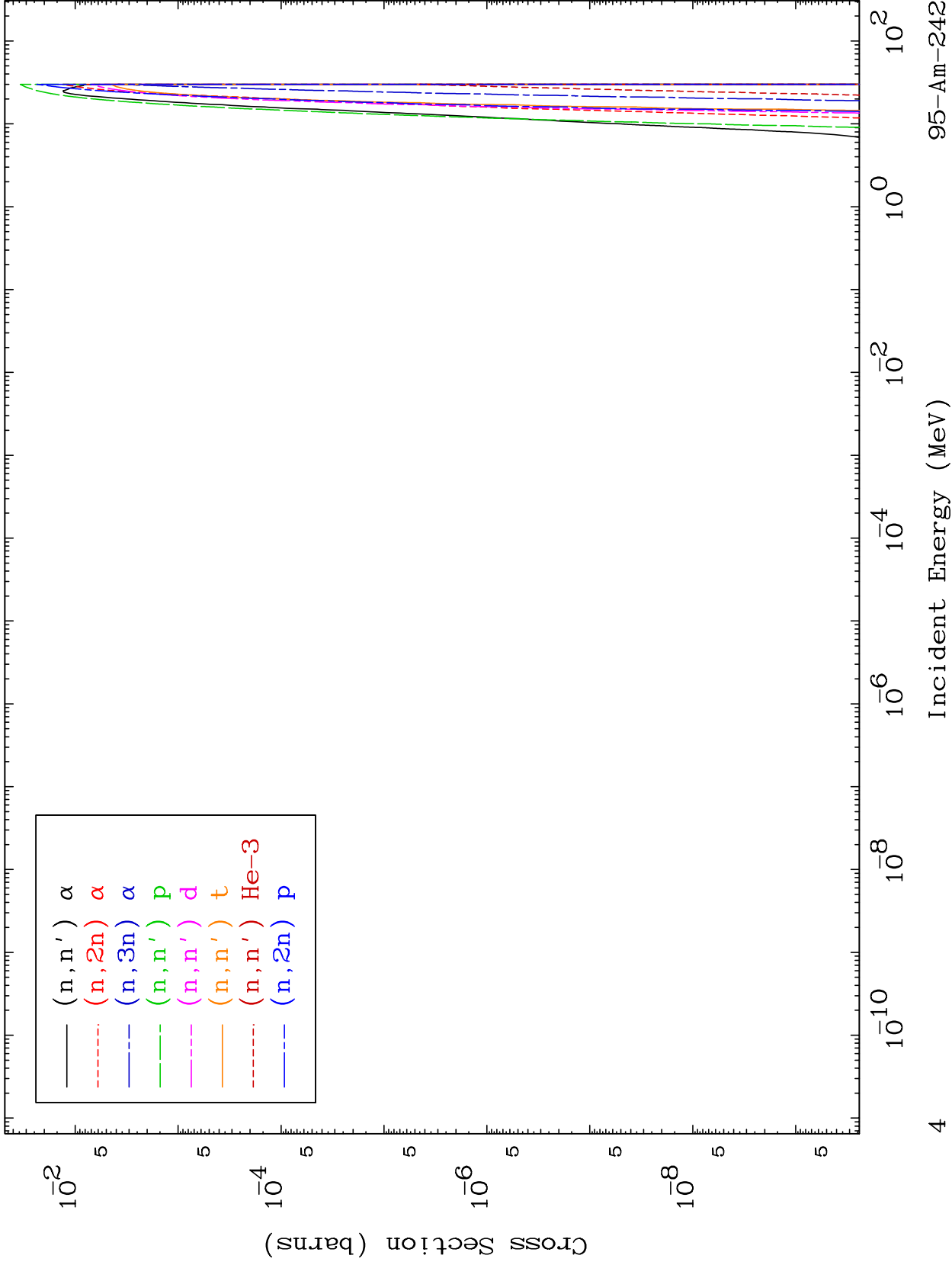
Incident Energy (MeV)

95-Am-242

MAT 9547

Charged Particle
293 Kelvin Cross Sections

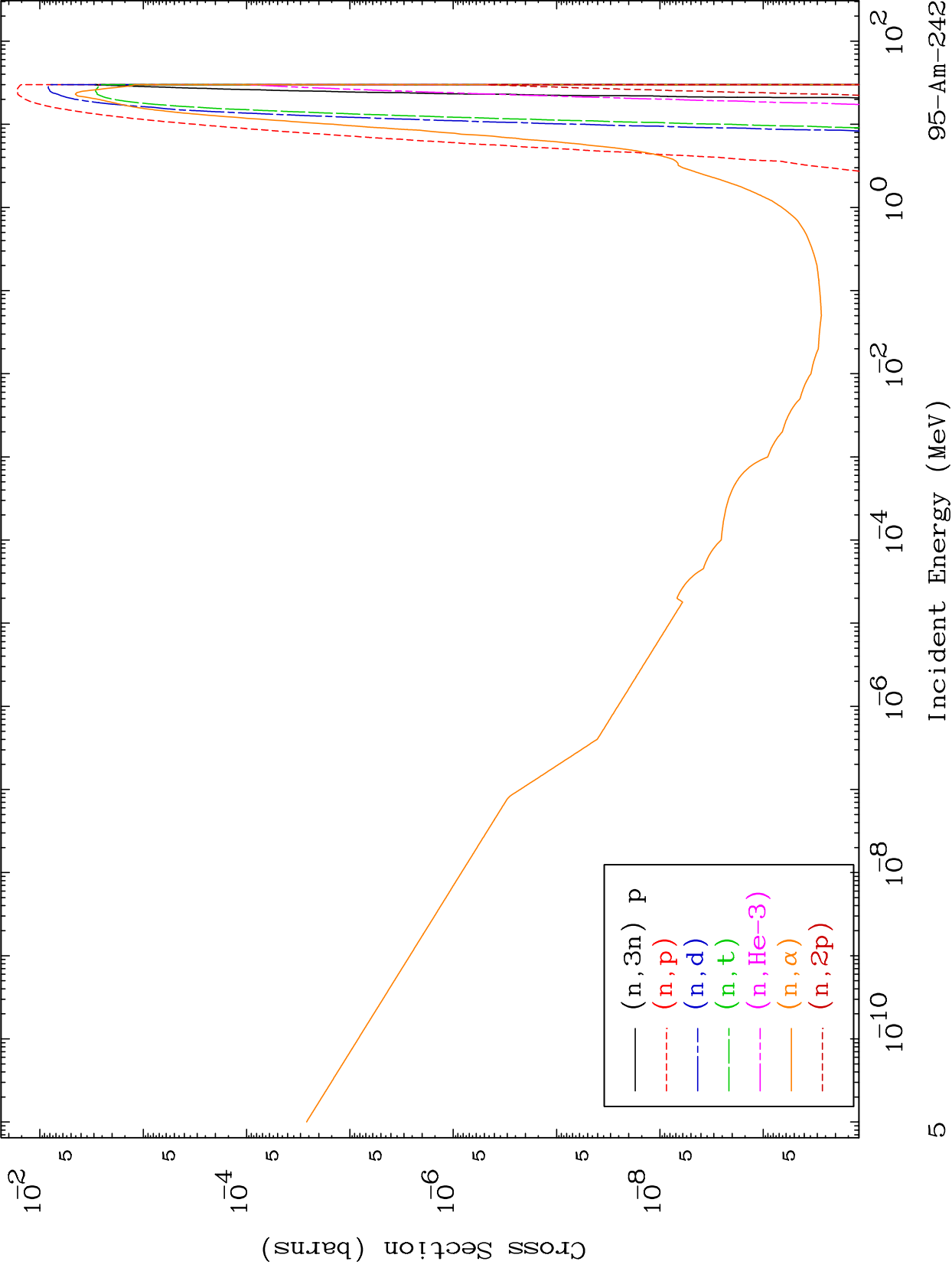
95-Am-242



MAT 9547

Charged Particle
293 Kelvin Cross Sections

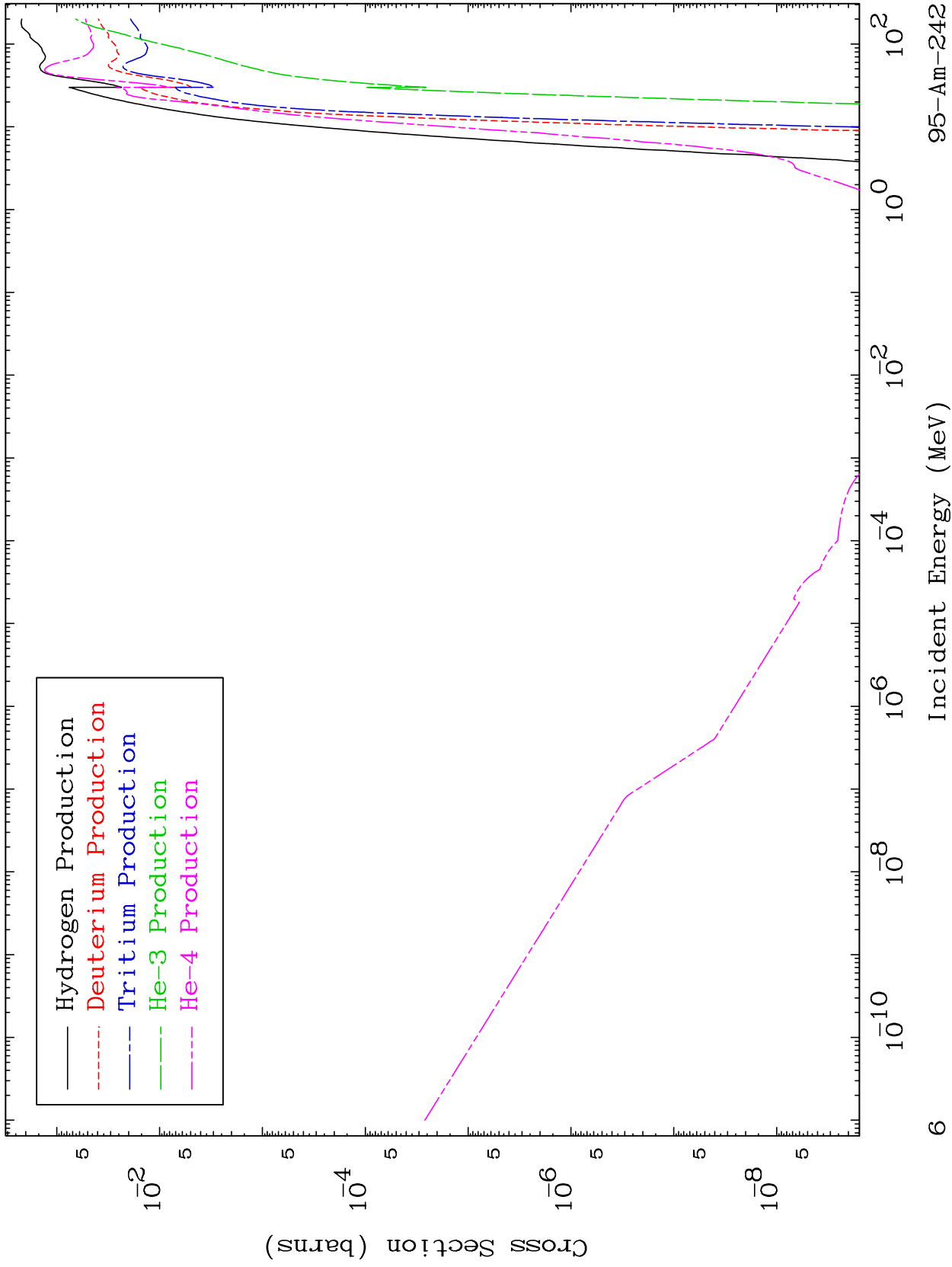
95-Am-242



MAT 9547

Particle Production
293 Kelvin Cross Sections

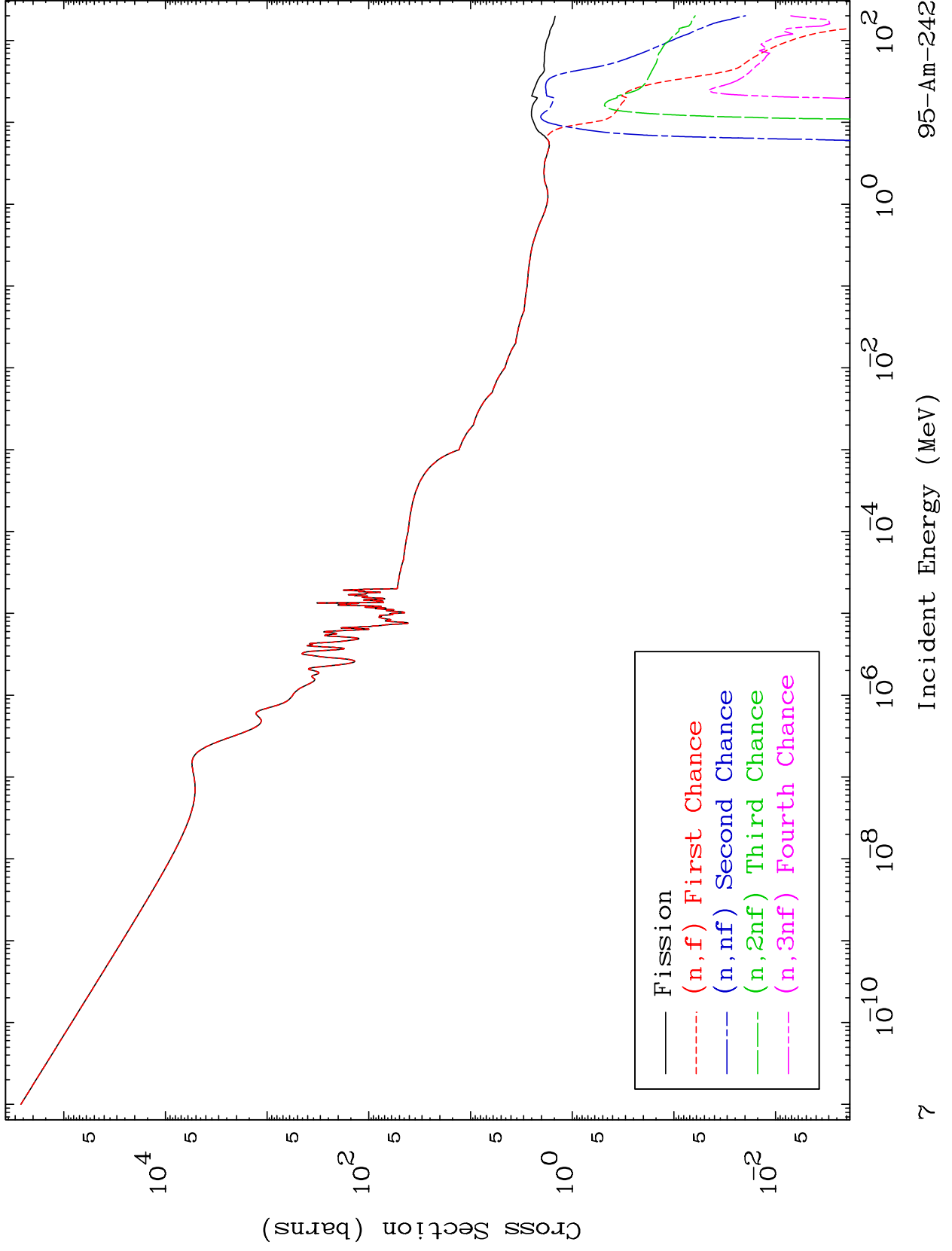
95-Am-242



MAT 9547

Fission
293 Kelvin Cross Sections

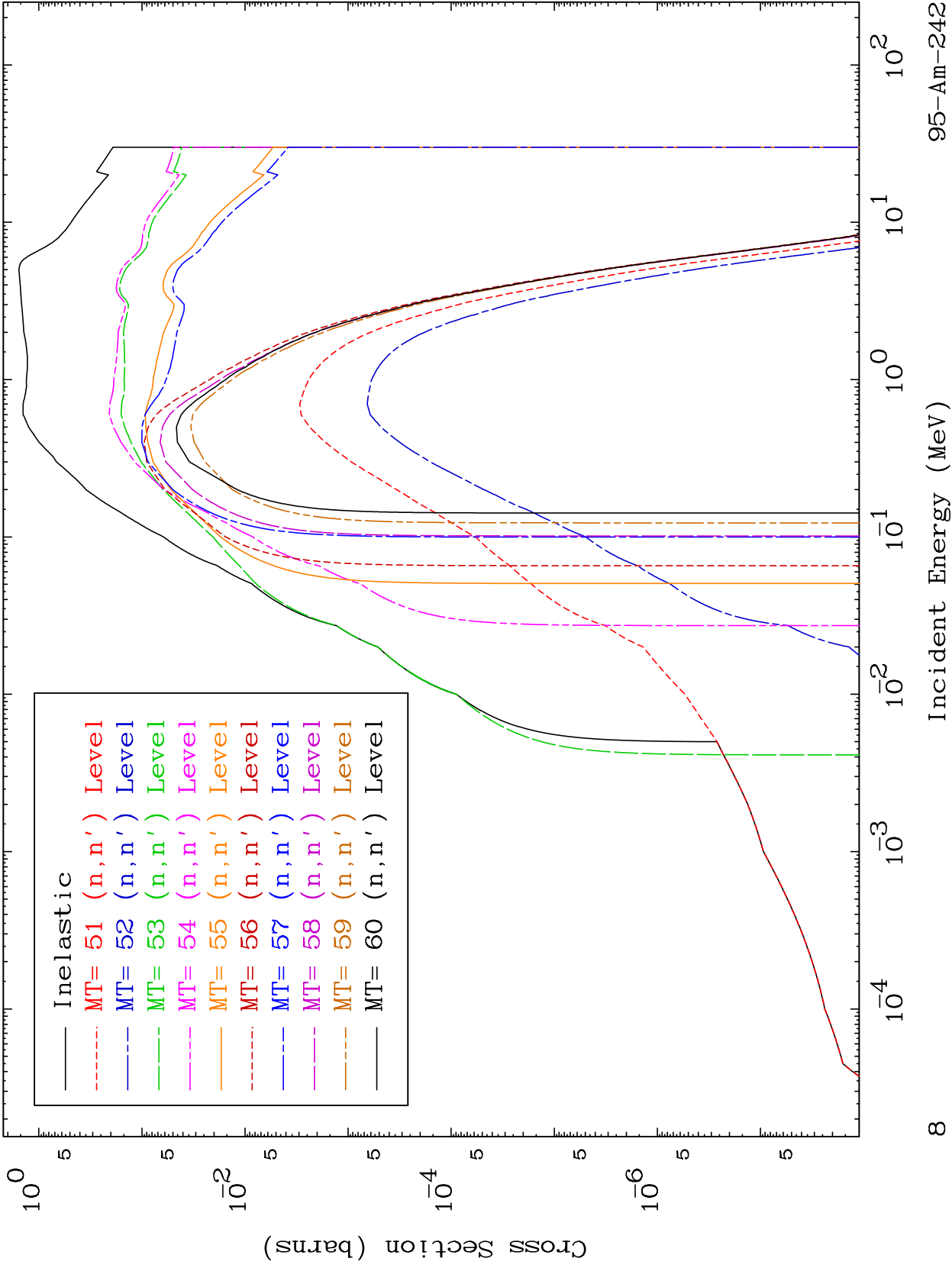
95-Am-242



MAT 9547

293 Kelvin Cross Sections

95-Am-242

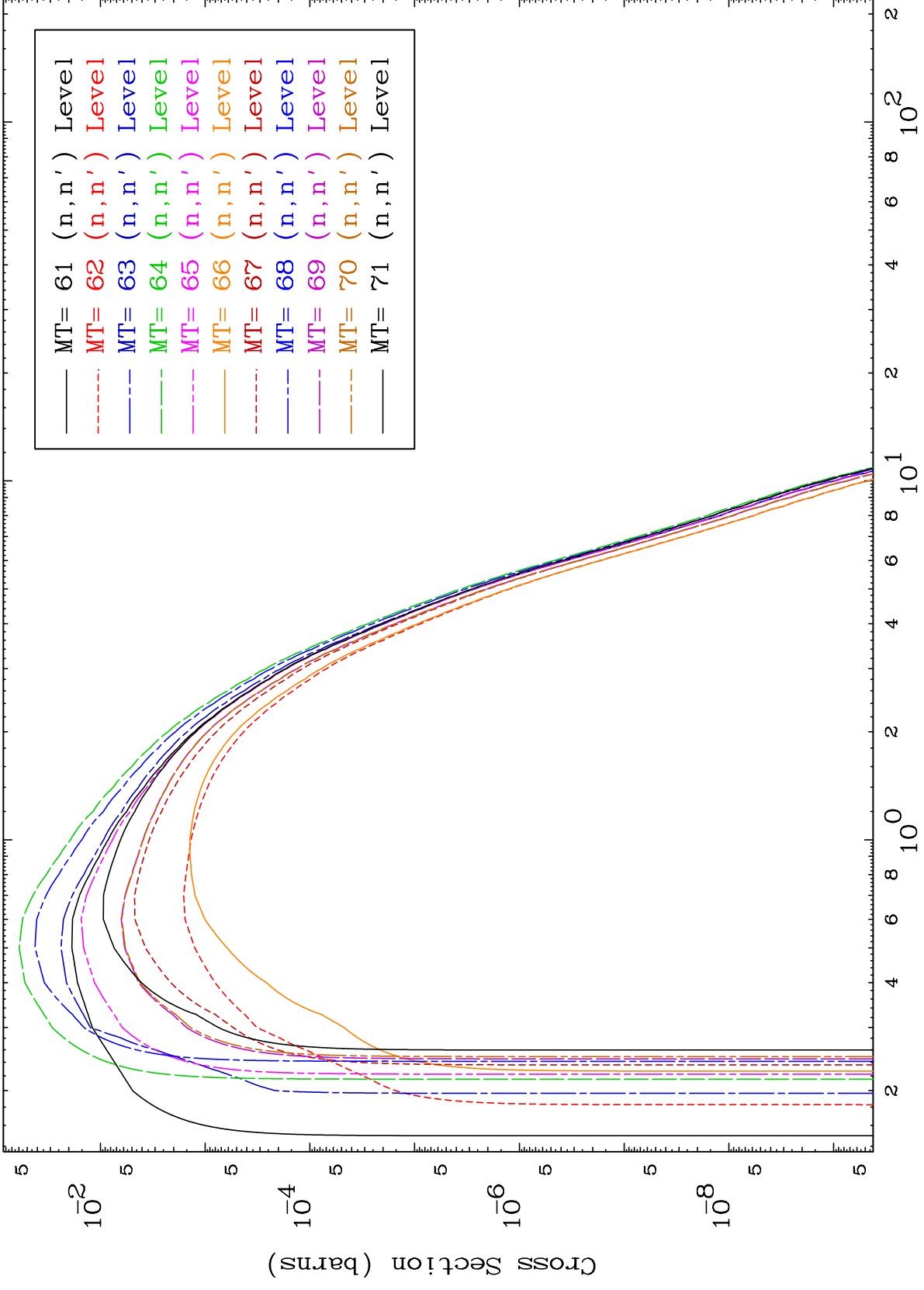


MAT 9547

(n,n') Level

95-Am-242

293 Kelvin Cross Sections



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Incident Energy (MeV)

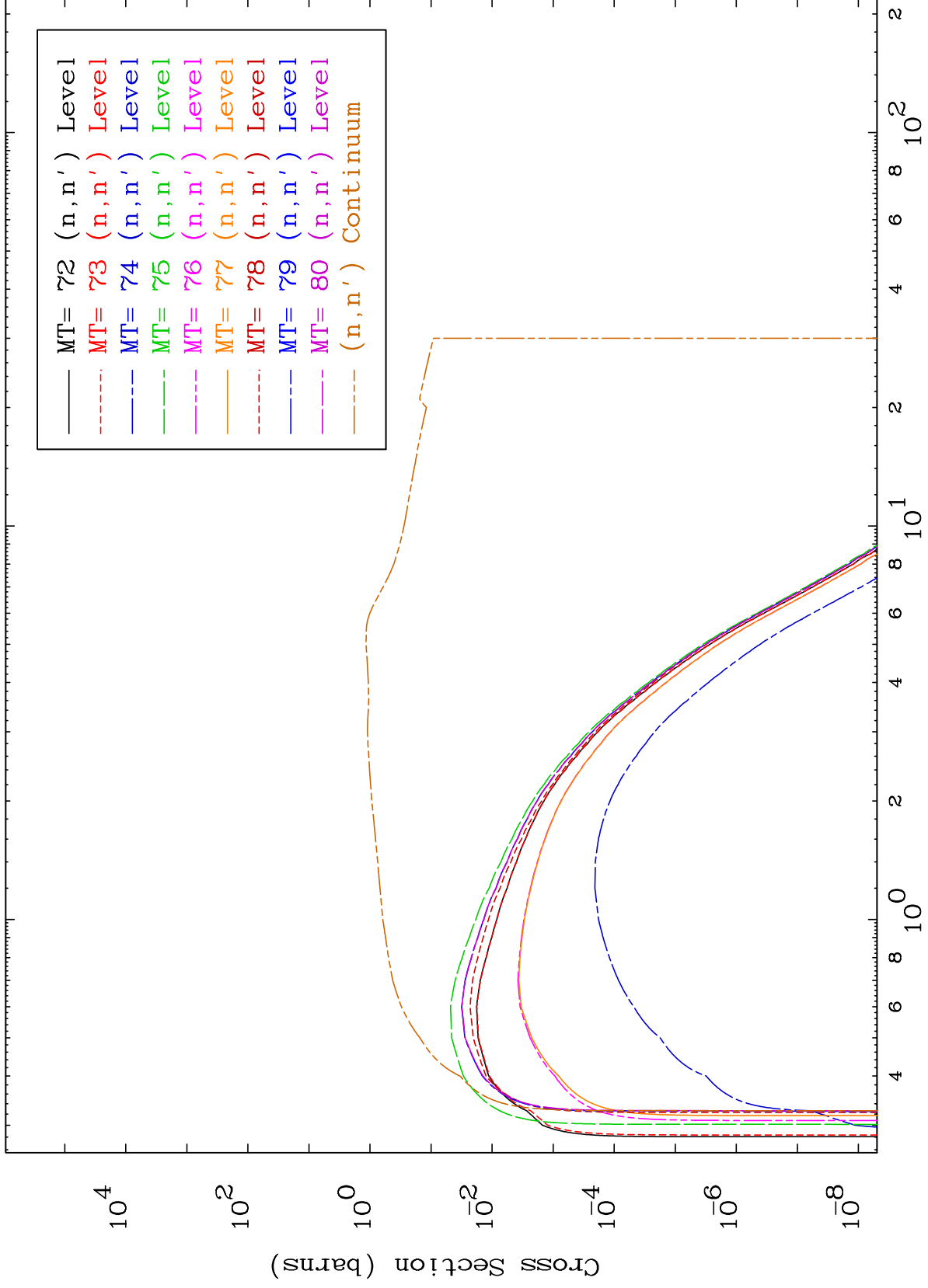
95-Am-242

MAT 9547

(n,n') Level

293 Kelvin Cross Sections

95-Am-242



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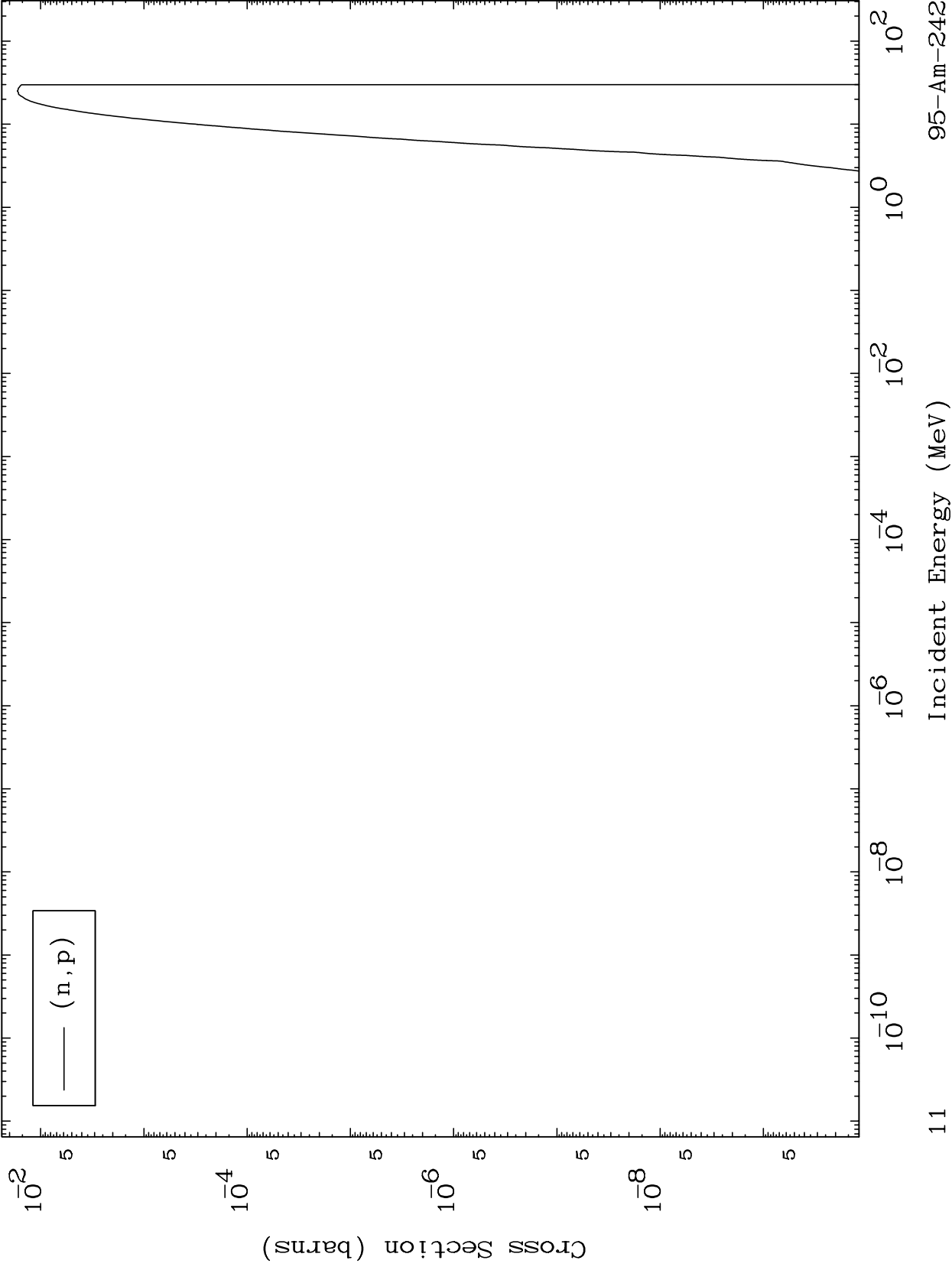
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,p) Levels
293 Kelvin Cross Sections

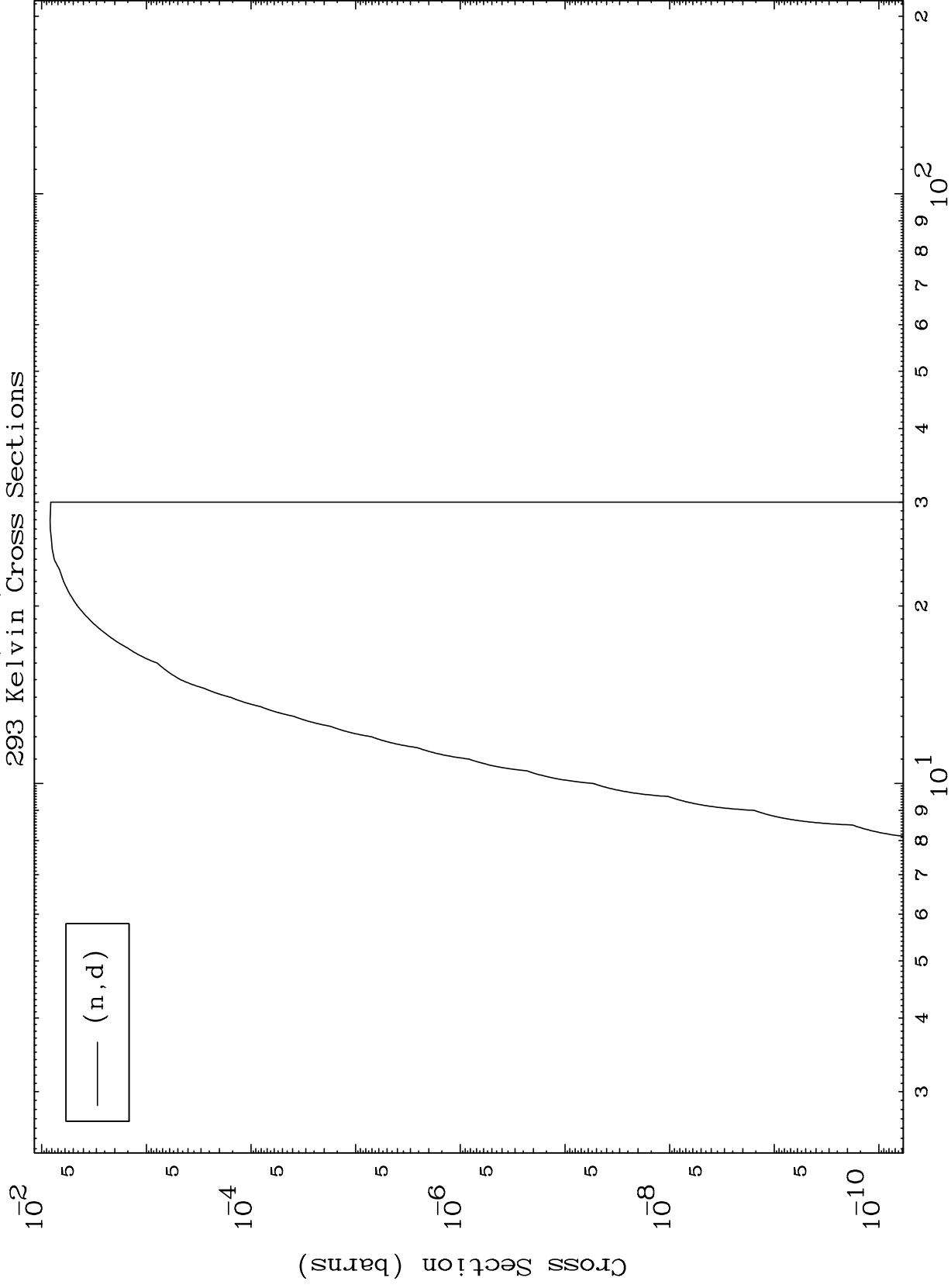
95-Am-242



MAT 9547

(n,d) Levels
293 Kelvin Cross Sections

95-Am-242



12

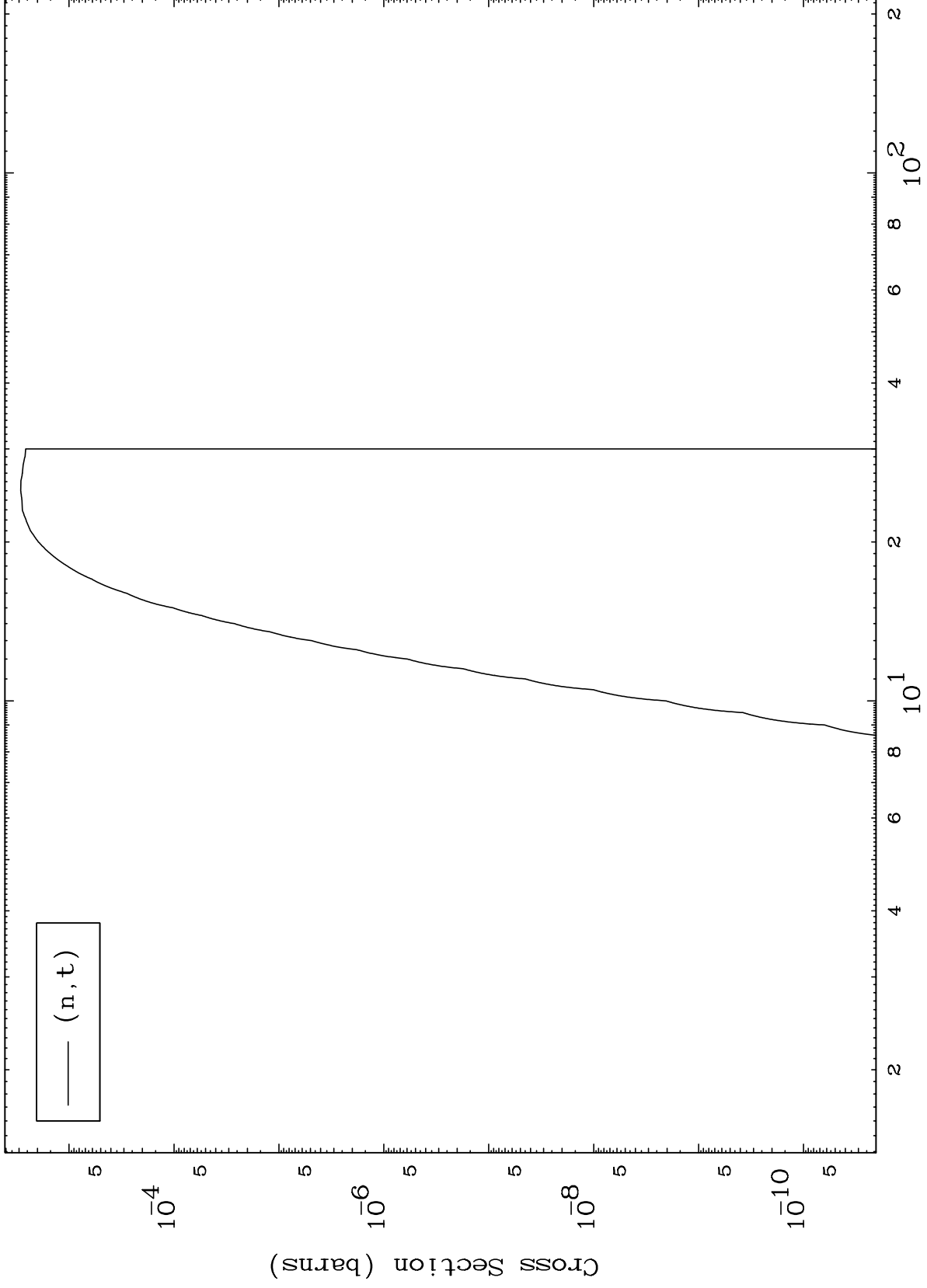
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,t) Levels
293 Kelvin Cross Sections

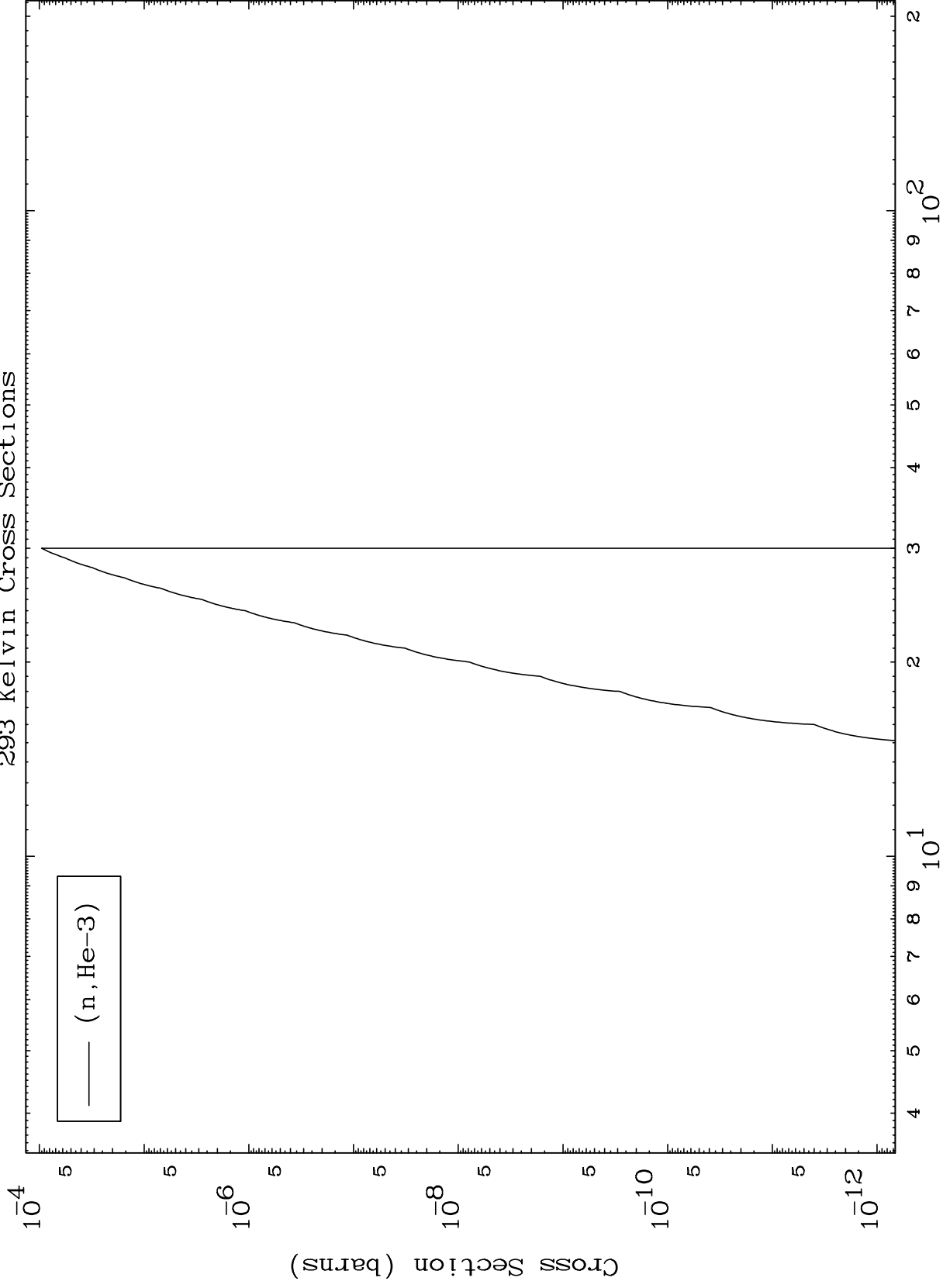
95-Am-242



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(n,He3) Levels
293 Kelvin Cross Sections

95-Am-242



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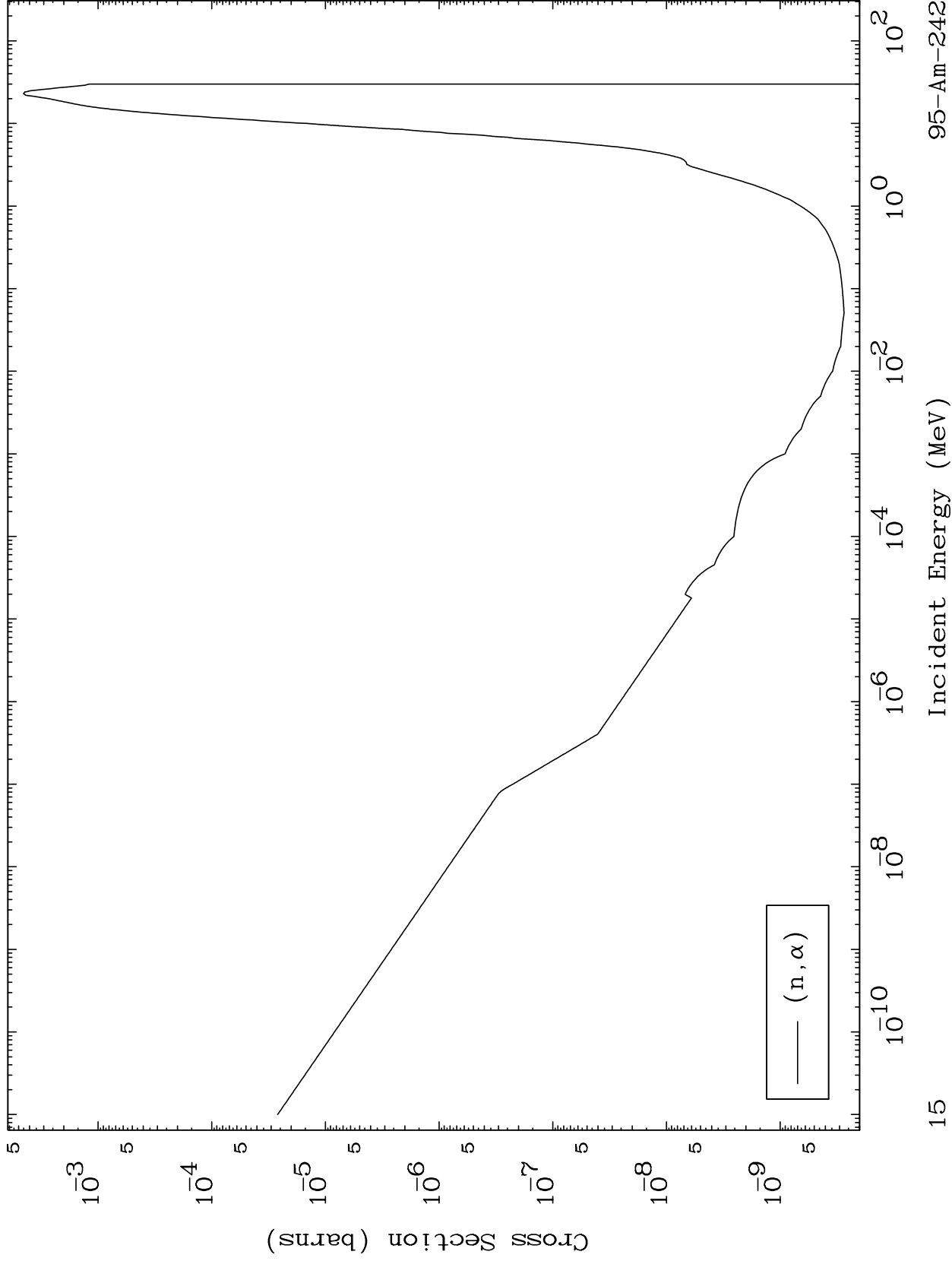
Incident Energy (MeV)

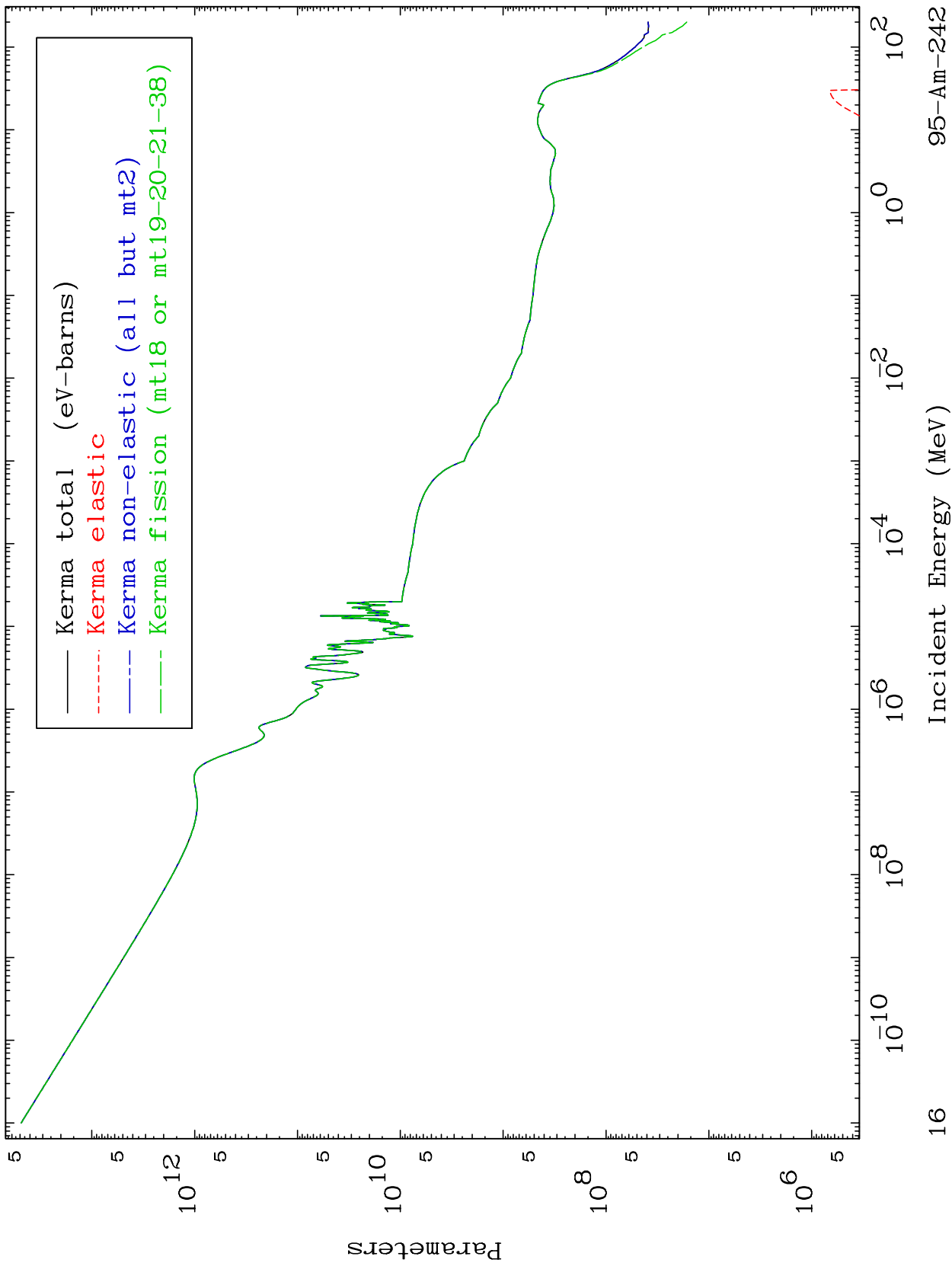
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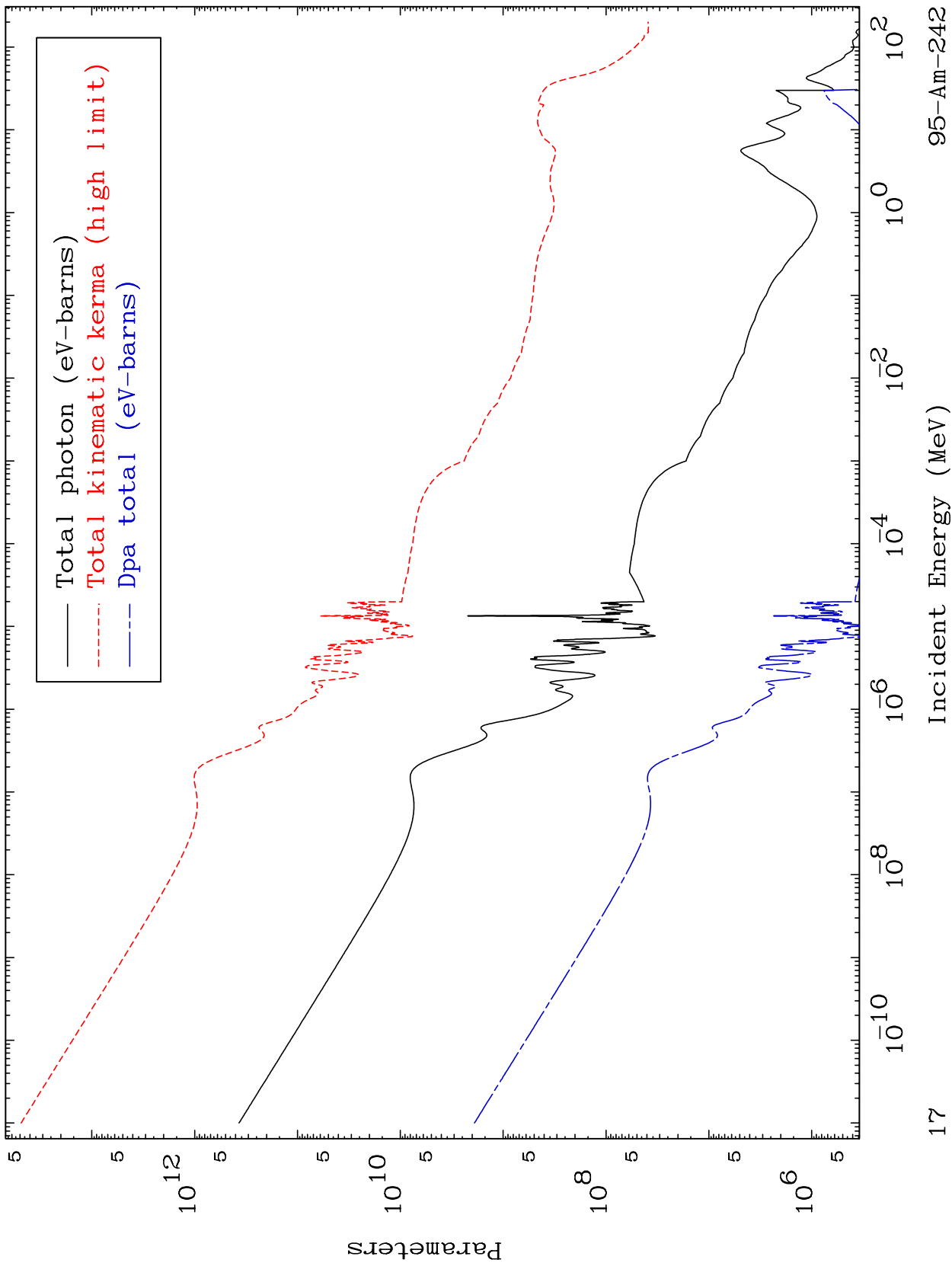
MAT 9547

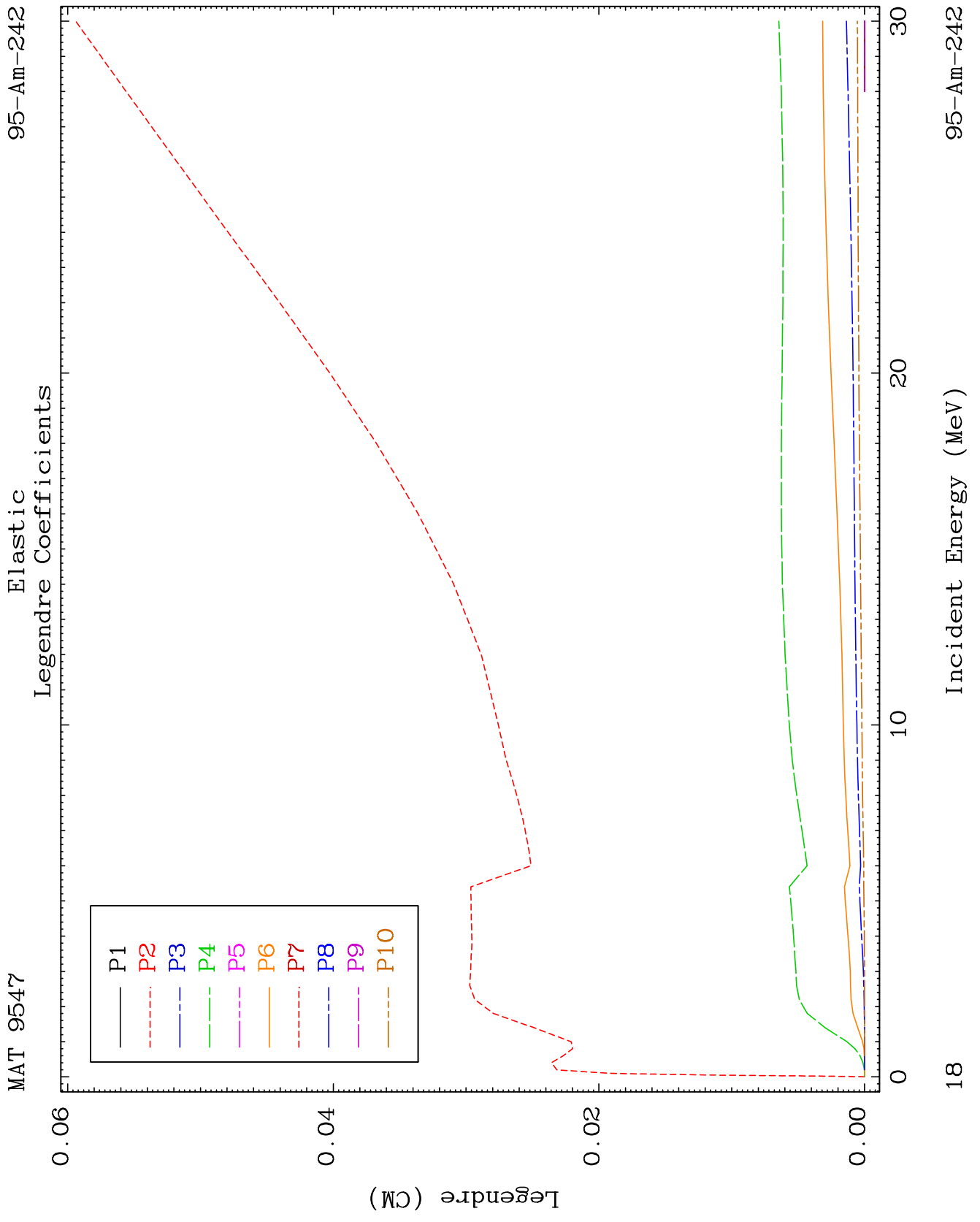
(n, α) Levels
293 Kelvin Cross Sections

95-Am-242





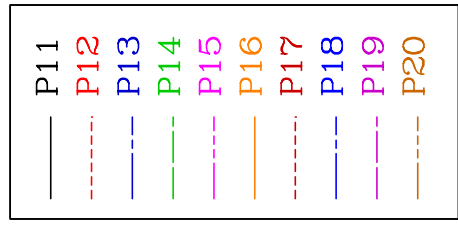




MAT 9547

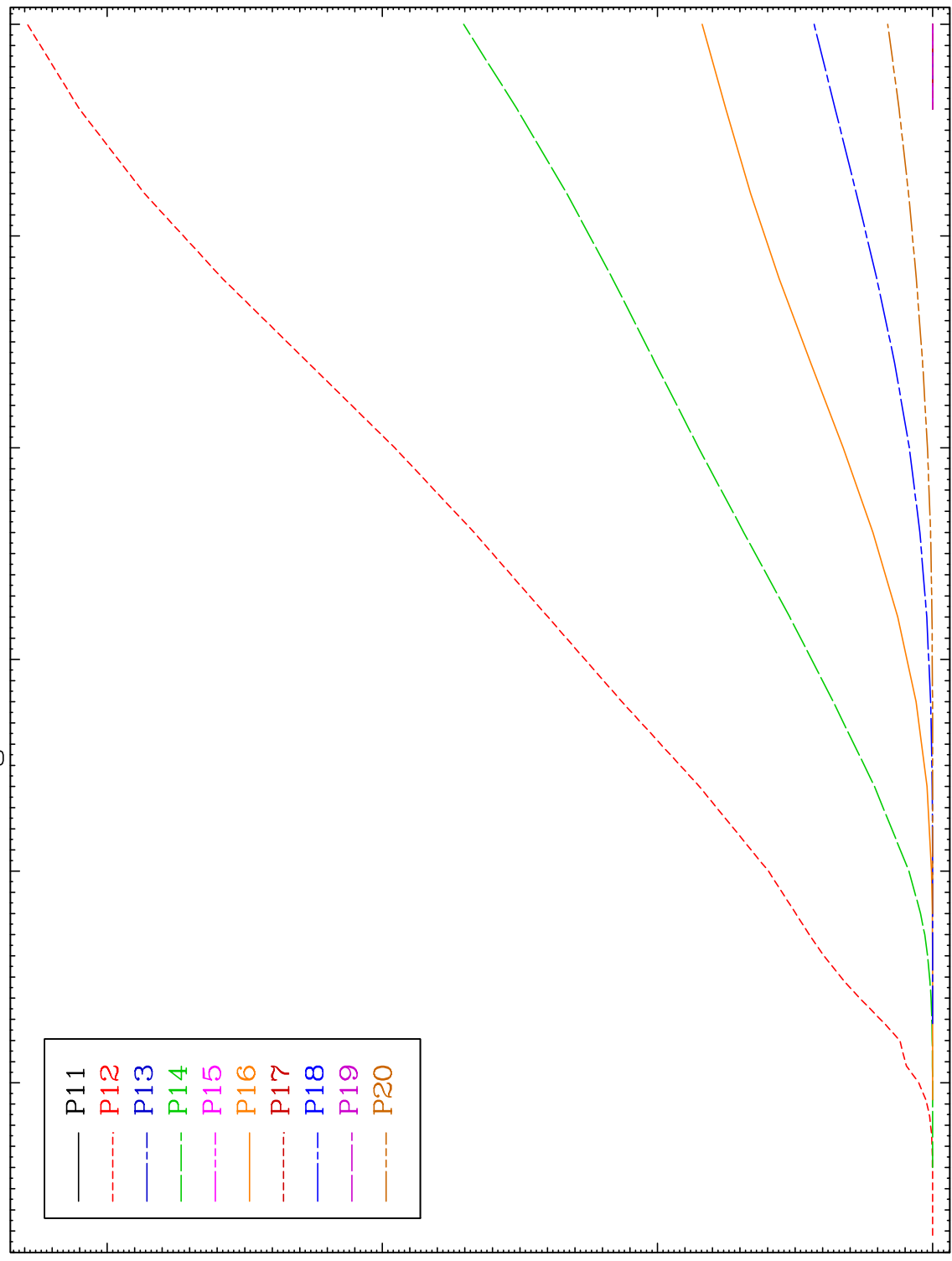
Elastic Legendre Coefficients

95-Am-242



$\times 10^{-4}$

Legendre (CM)



19

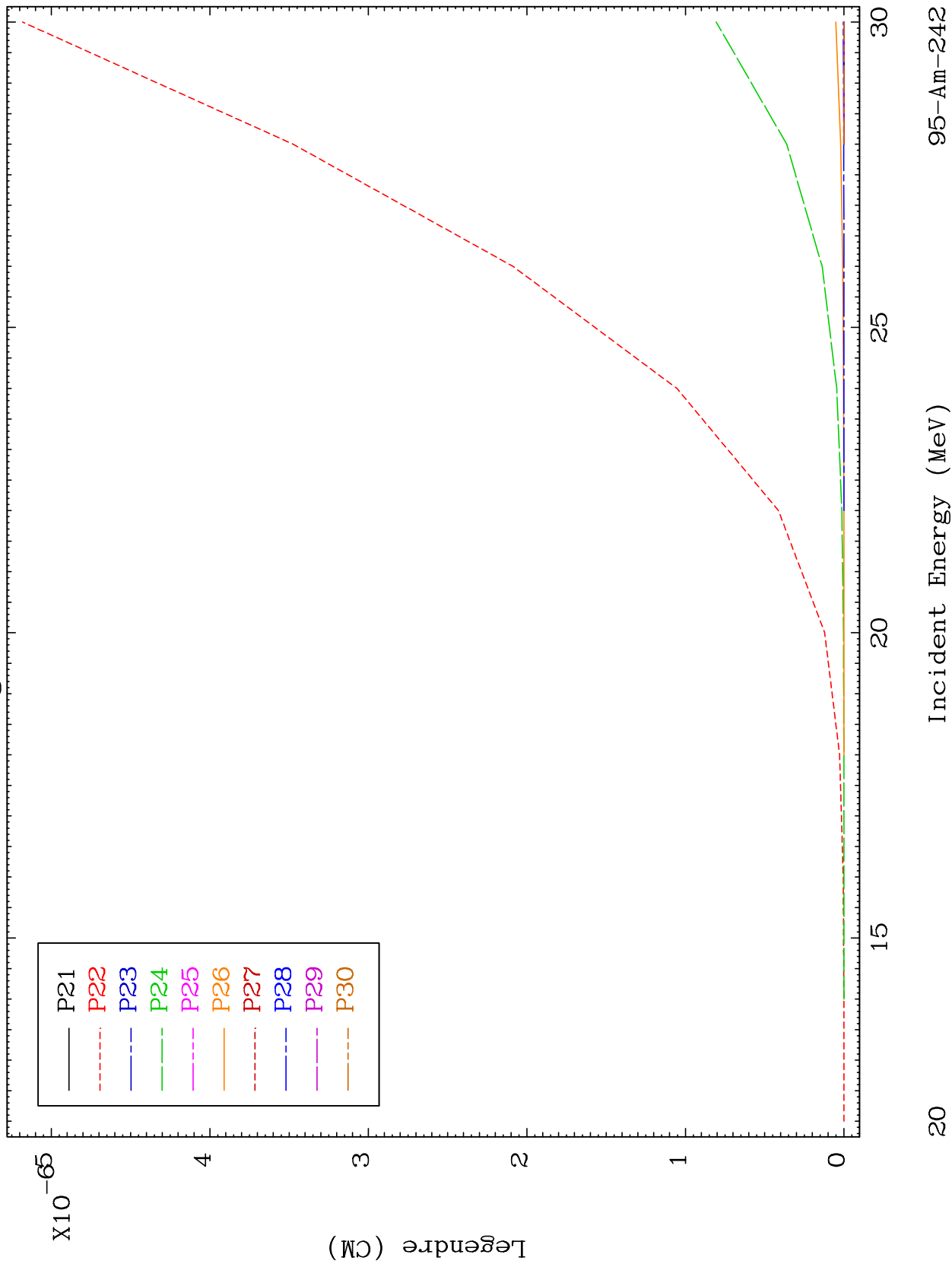
Incident Energy (MeV)

95-Am-242

MAT 9547

Elastic
Legendre Coefficients

95-Am-242



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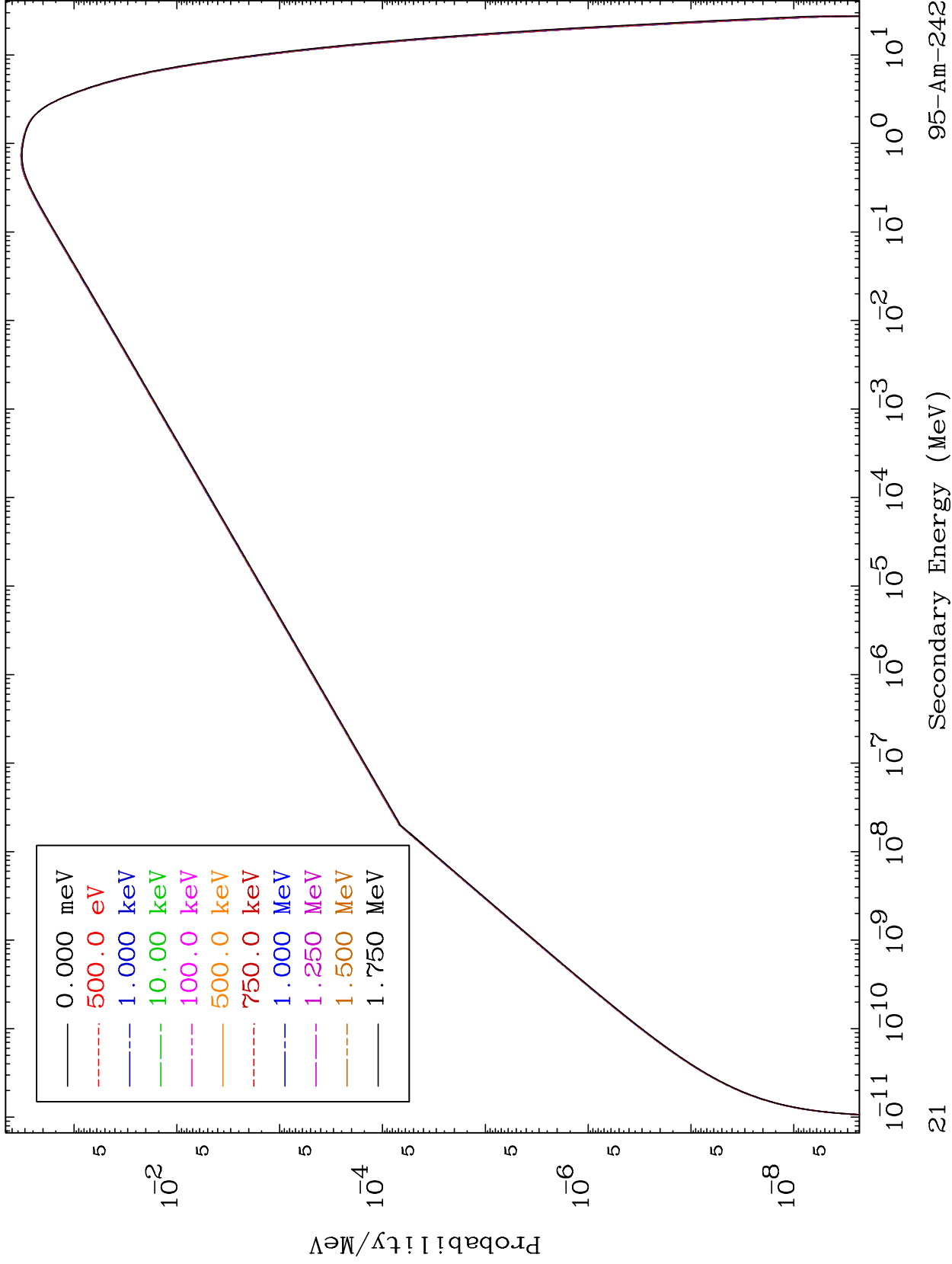
Incident Energy (MeV)

95-Am-242

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Fission Energy Distribution

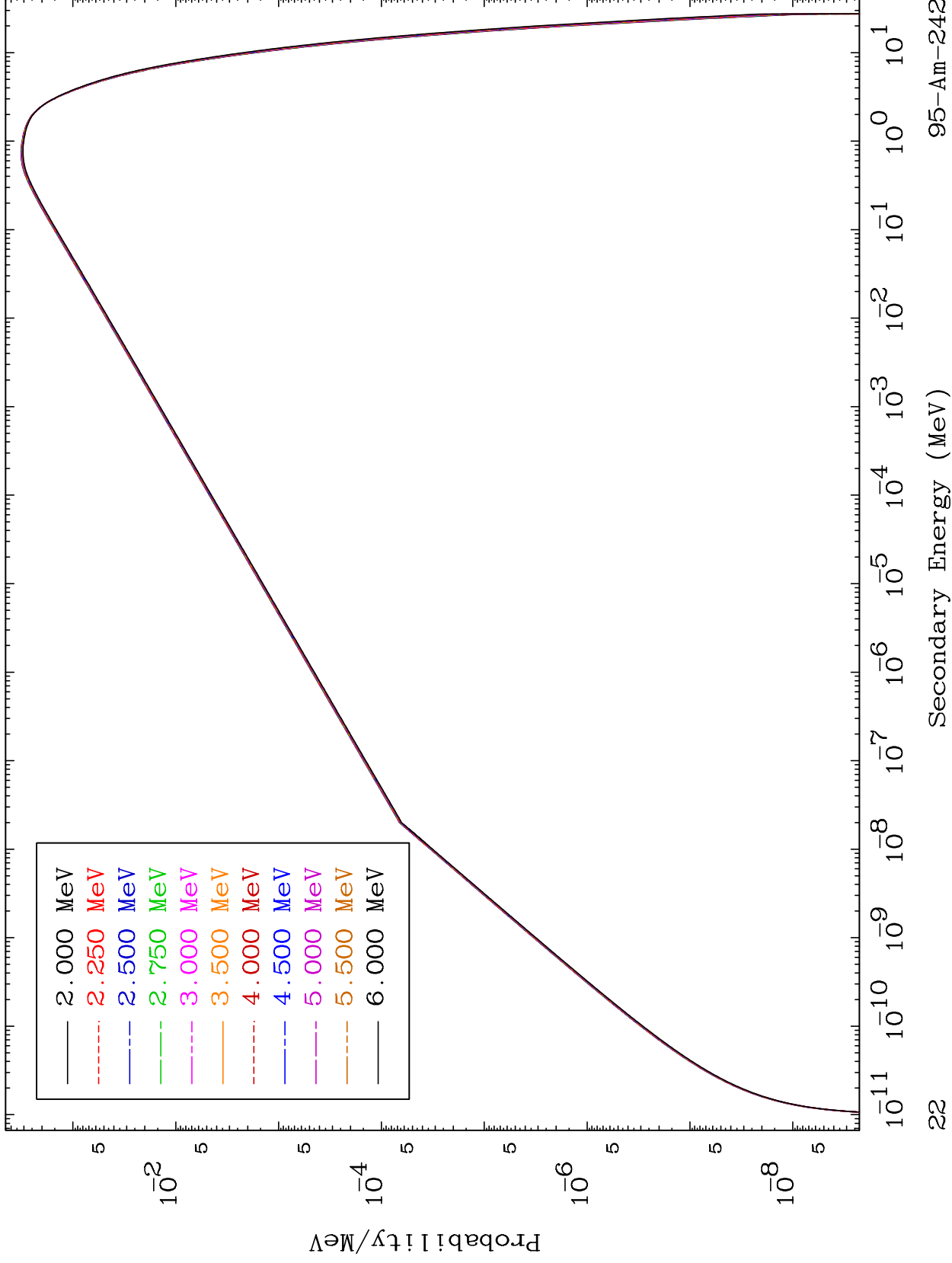
95-Am-242



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Fission Energy Distribution

95-Am-242



95-Am-242

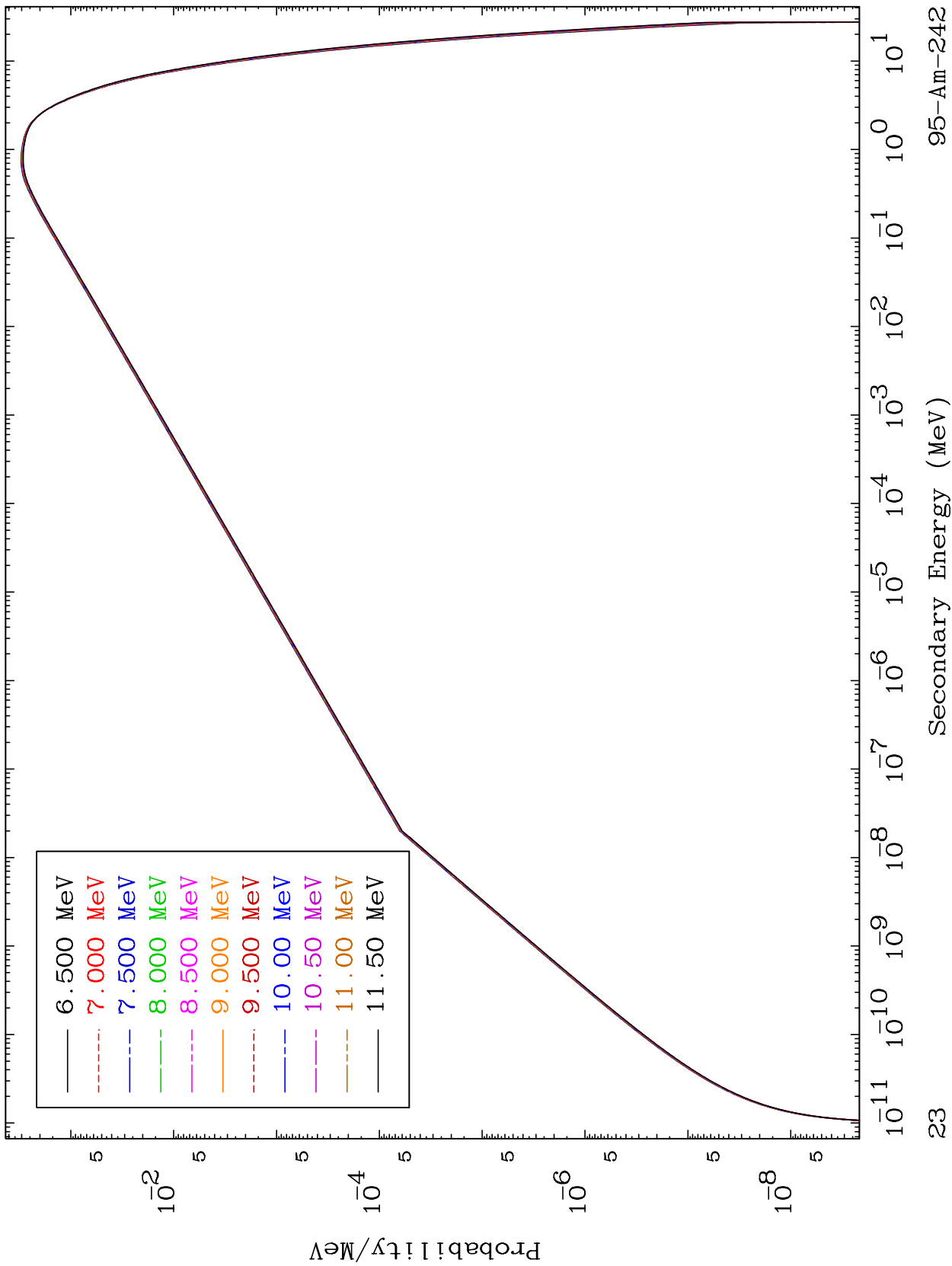
Secondary Energy (MeV)

22

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Fission Energy Distribution

95-Am-242



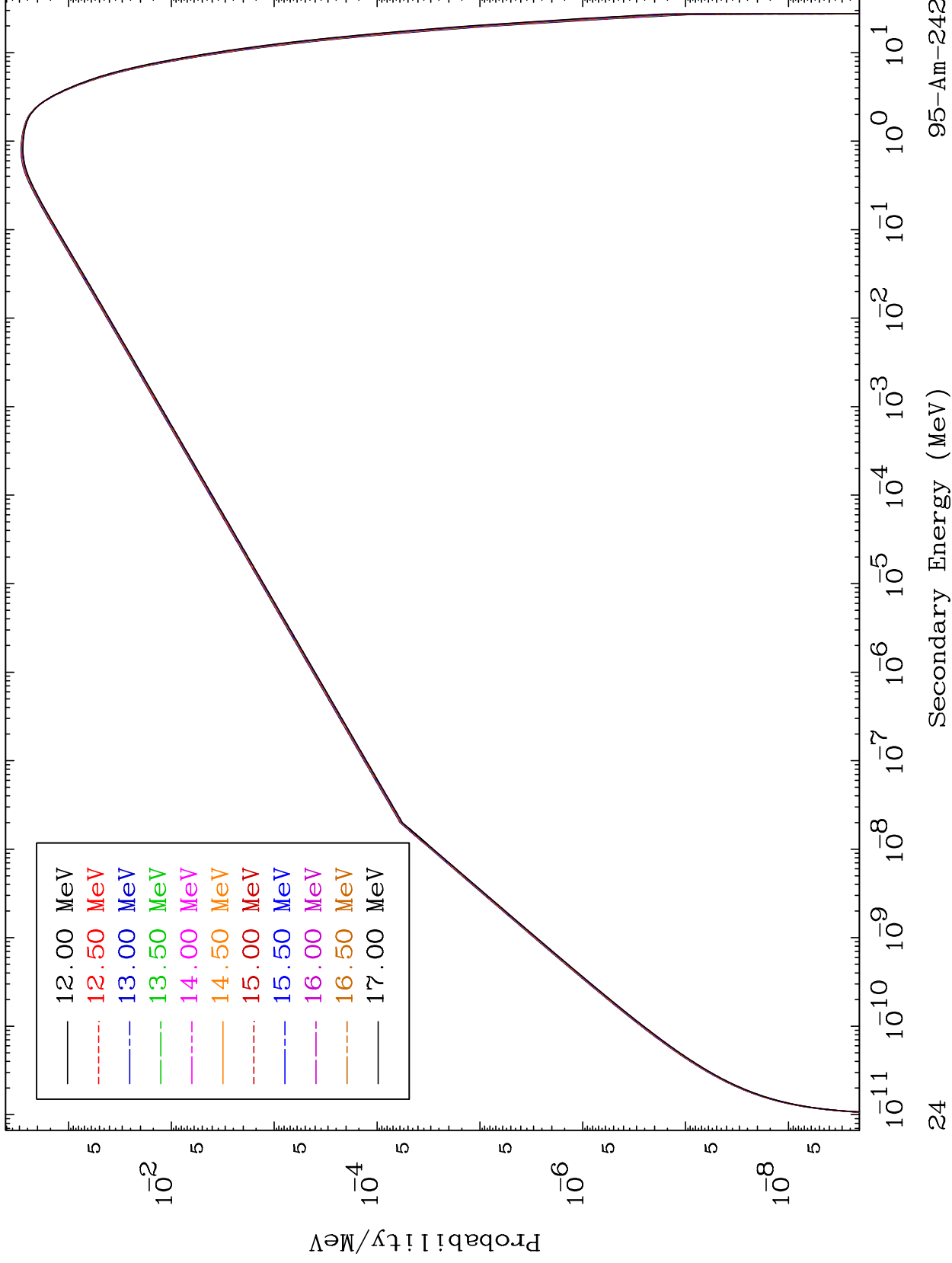
95-Am-242

Secondary Energy (MeV)

MAT 9547

Fission Energy Distribution

95-Am-242



95-Am-242

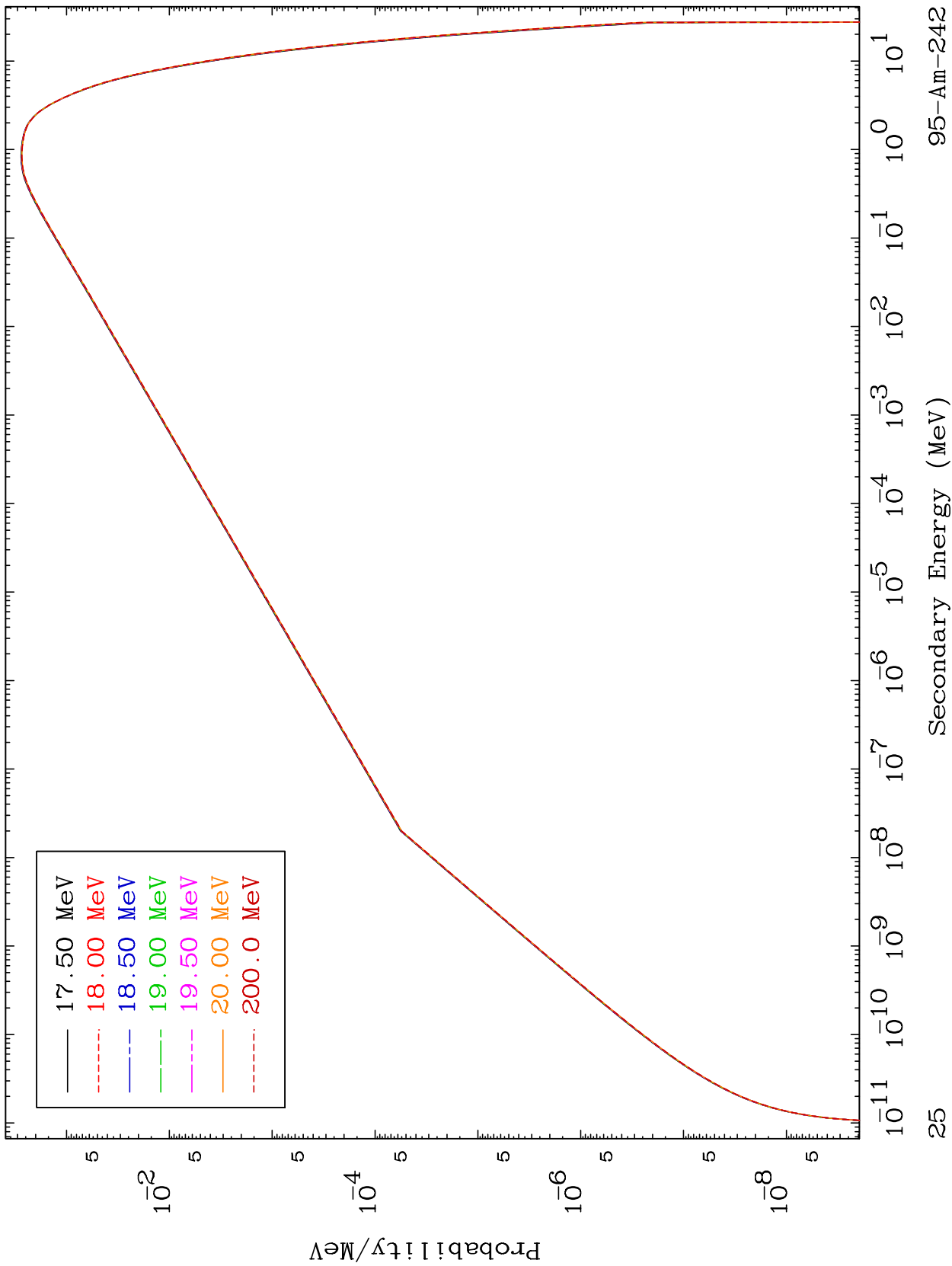
Secondary Energy (MeV)

24

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Fission Energy Distribution

95-Am-242



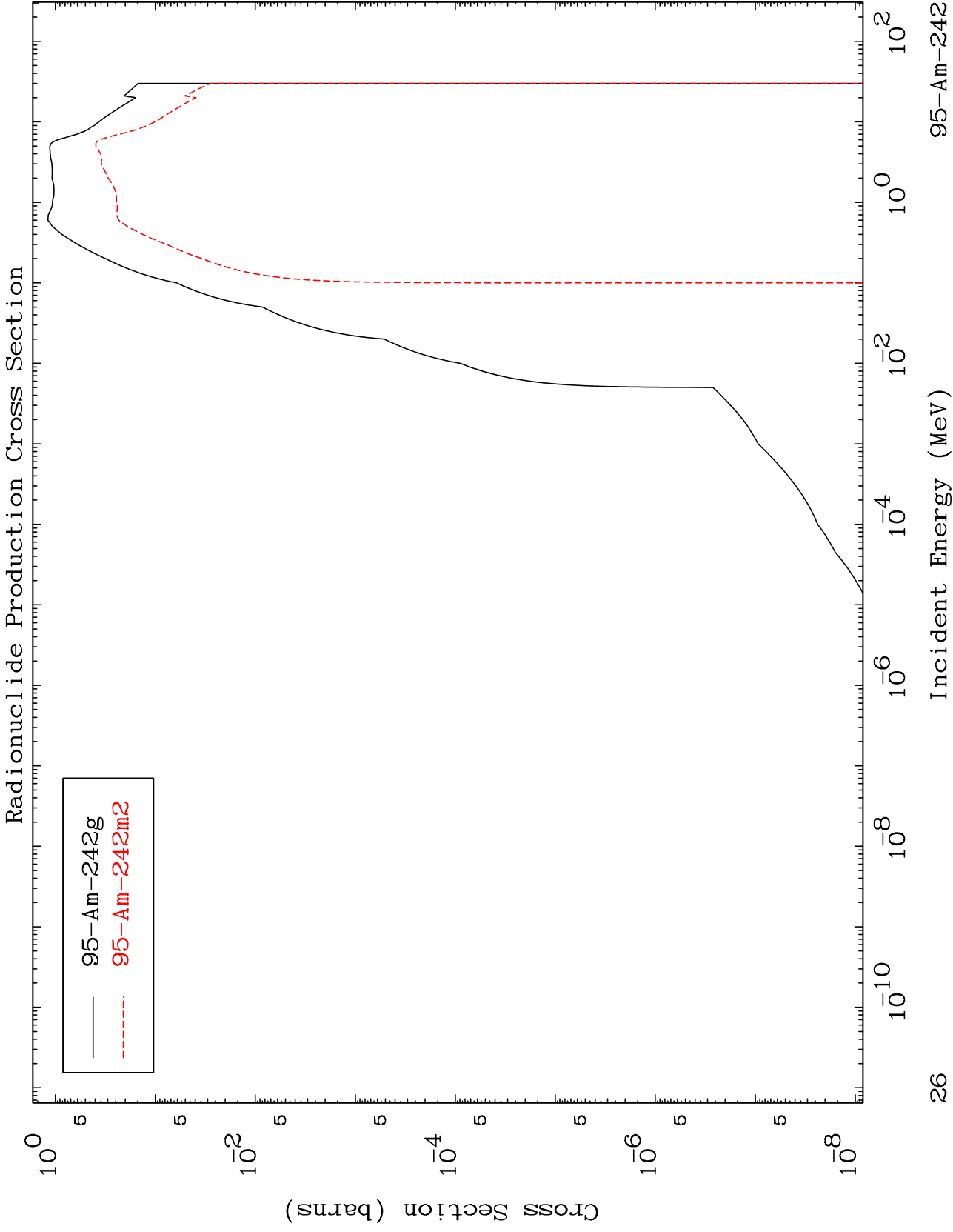
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95-Am-242

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Inelastic

95-Am-242



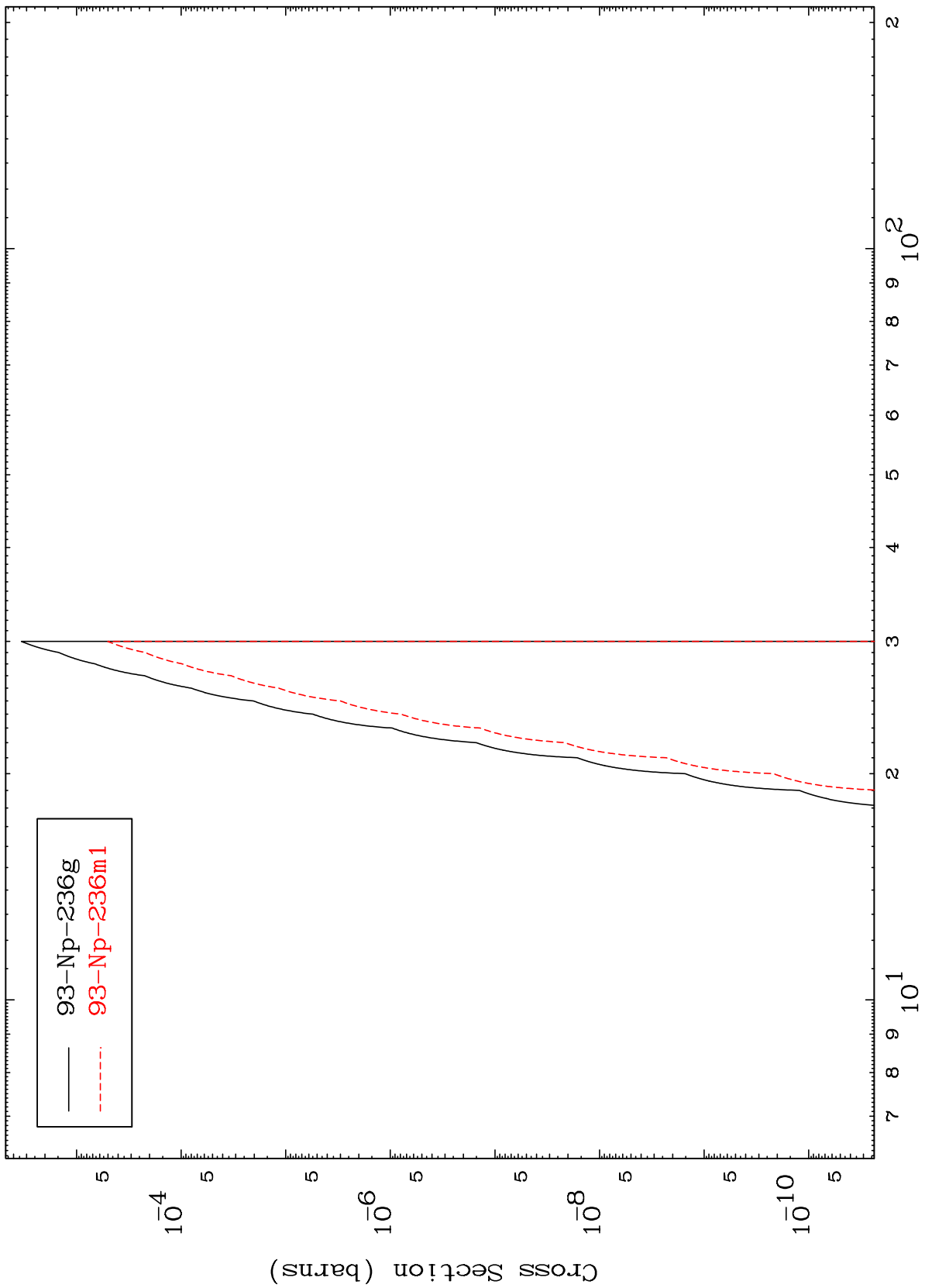
26

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(n,3n) α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

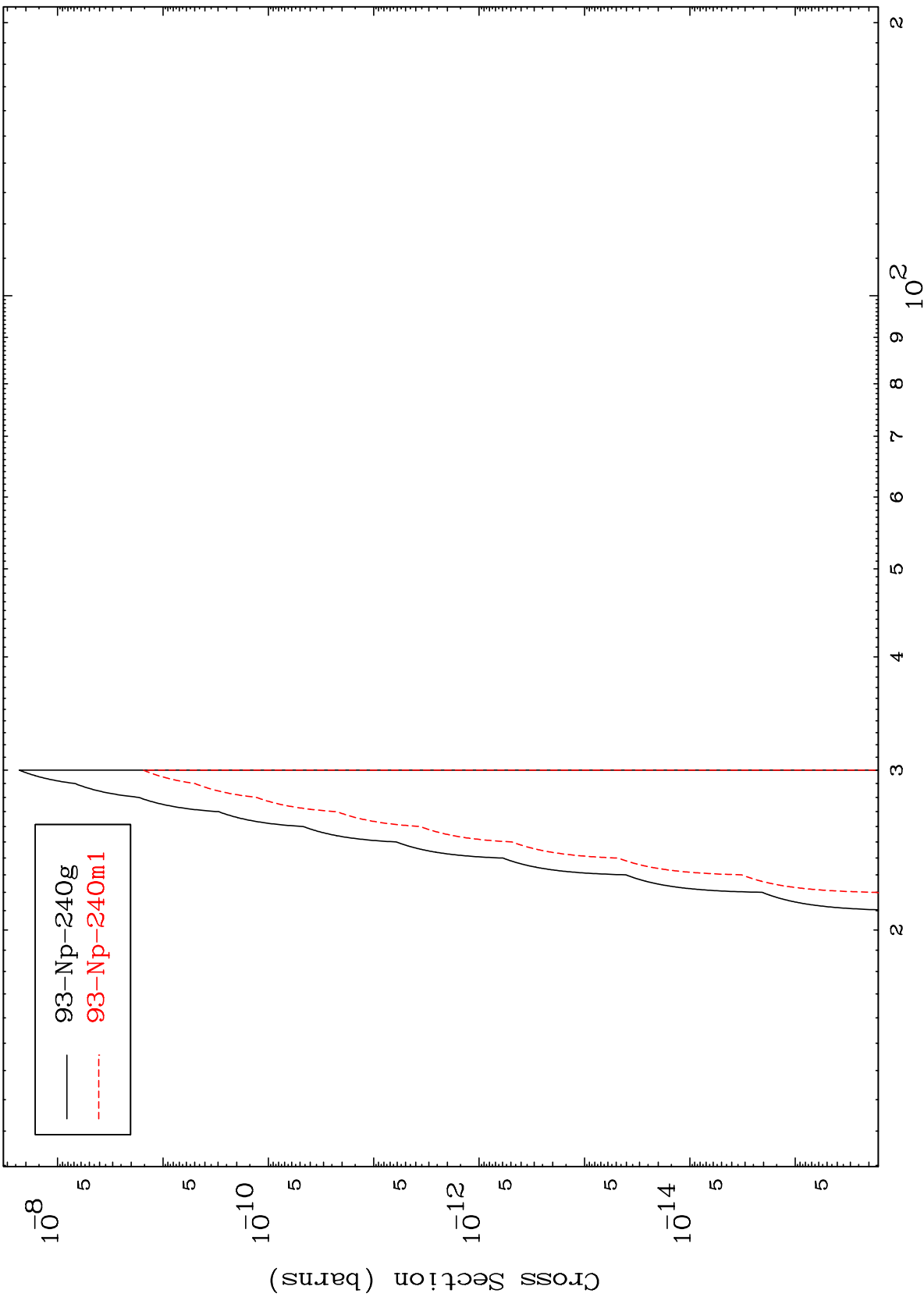
95-Am-242

MAT 9547

(n,2n) p

95-Am-242

Radionuclide Production Cross Section

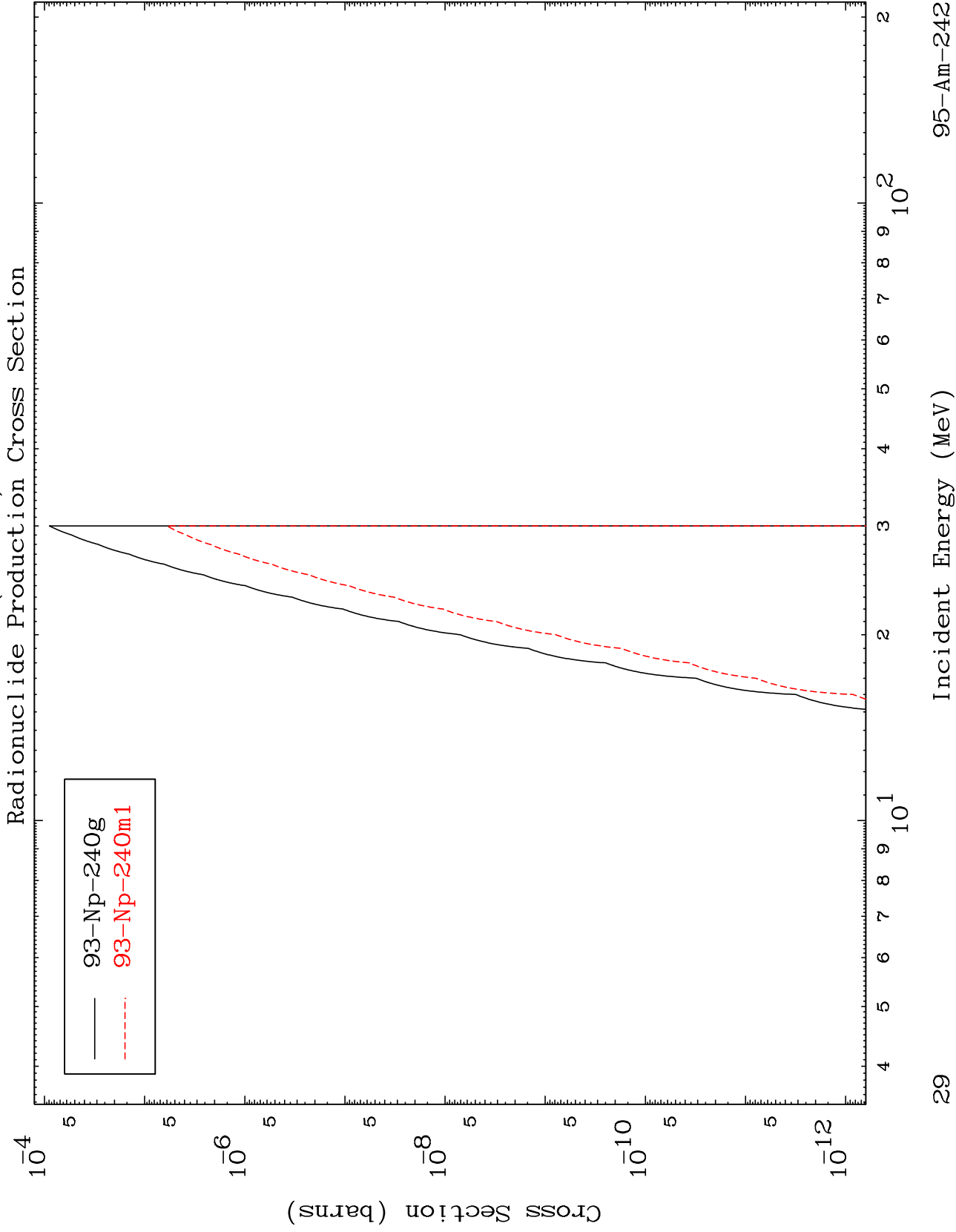


93-Np-240g
93-Np-240m1

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(n,He-3)

95-Am-242



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