

Program EVALPLOT  
(Version 2018-1)

by

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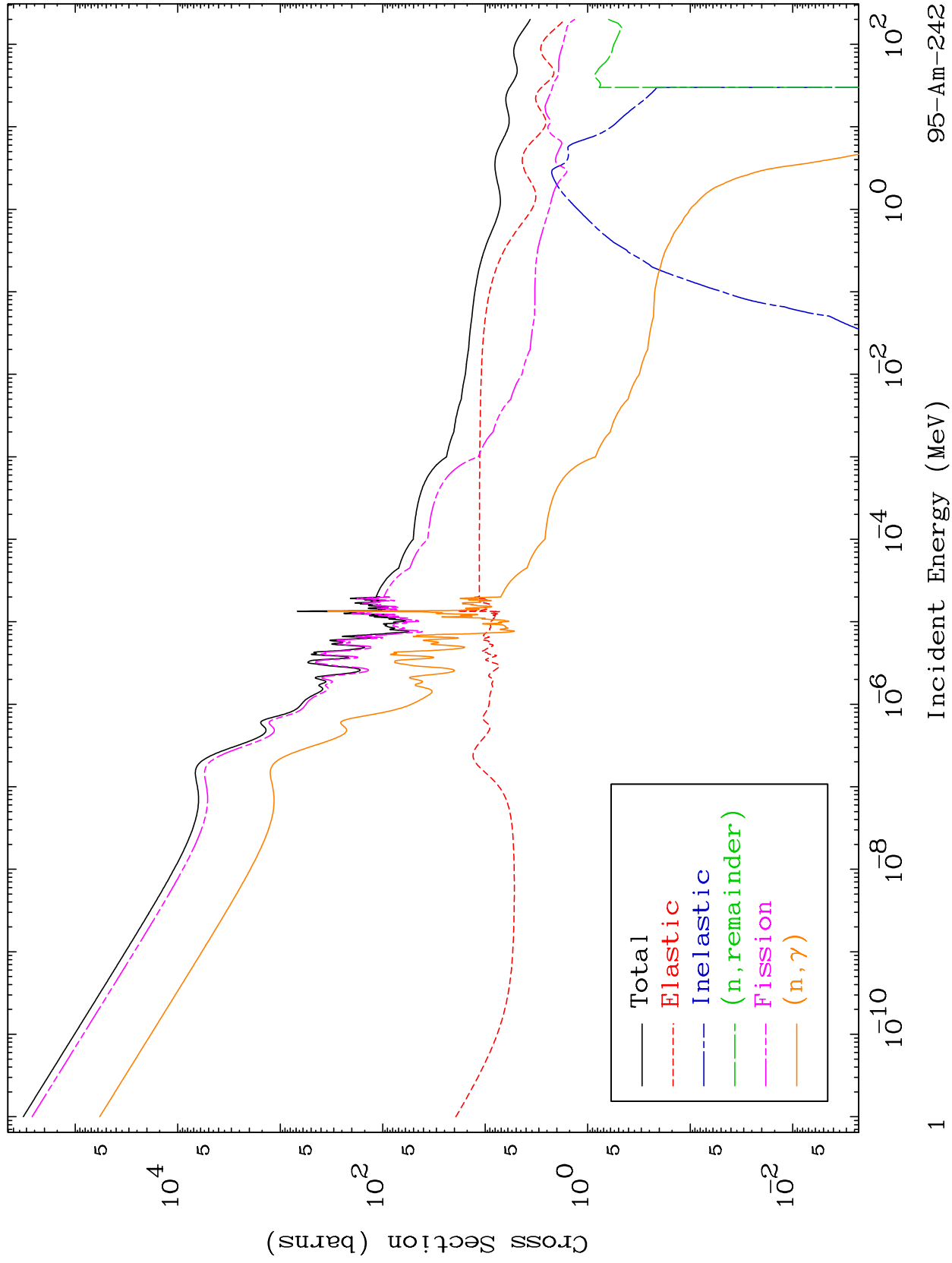
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9547

Major  
293 Kelvin Cross Sections

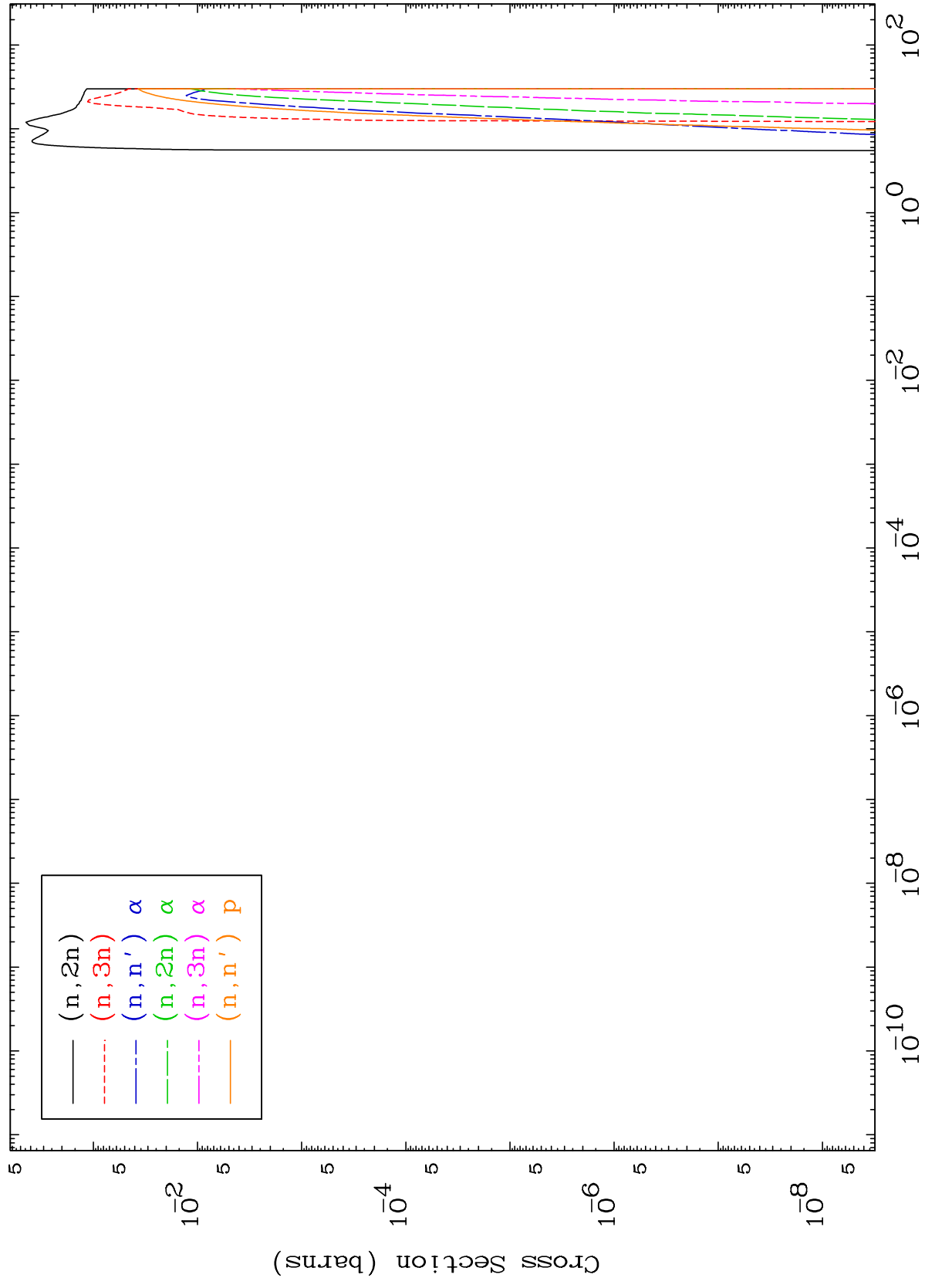
95-Am-242



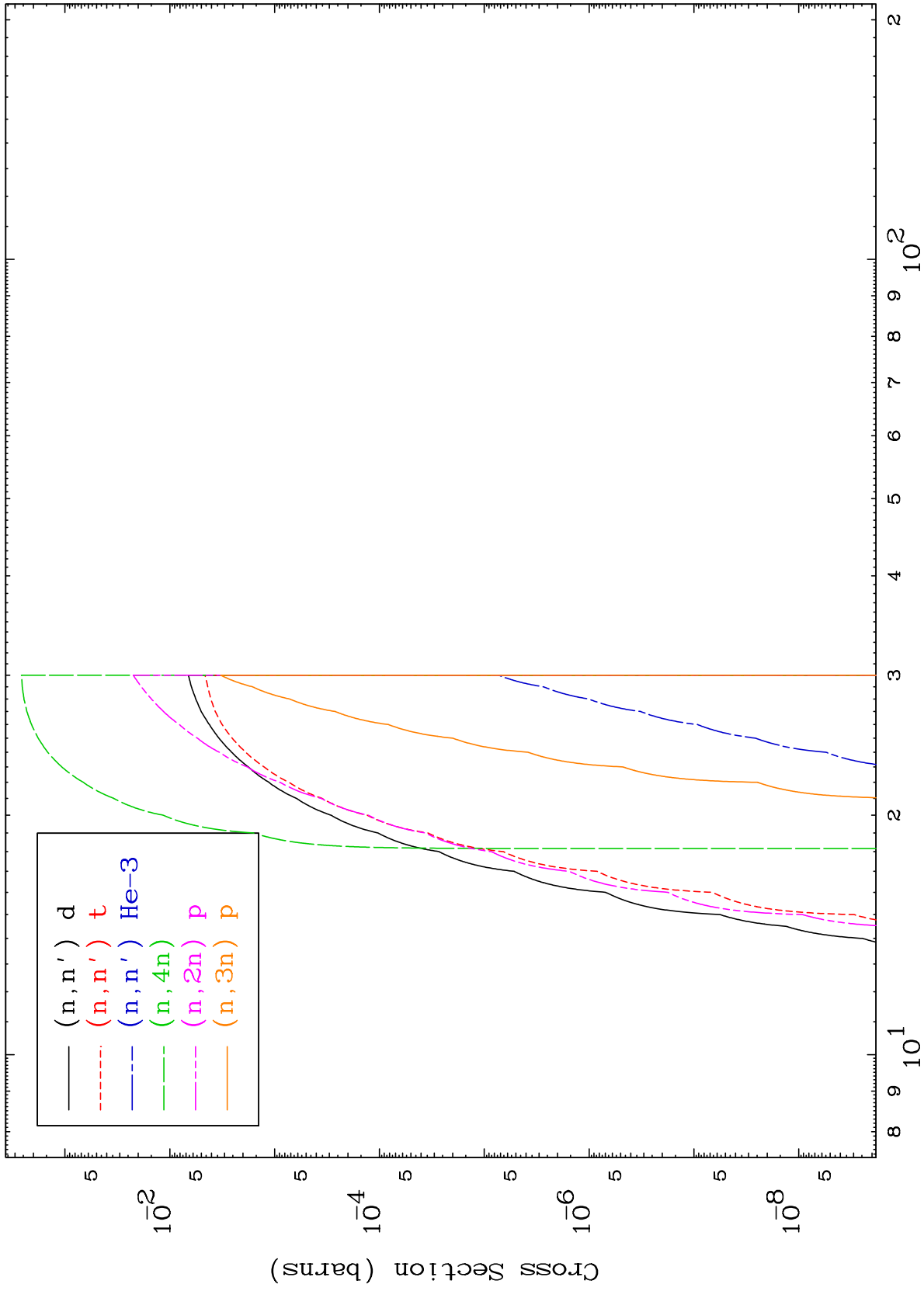
MAT 9547

Neutron Production  
293 Kelvin Cross Sections

95-Am-242



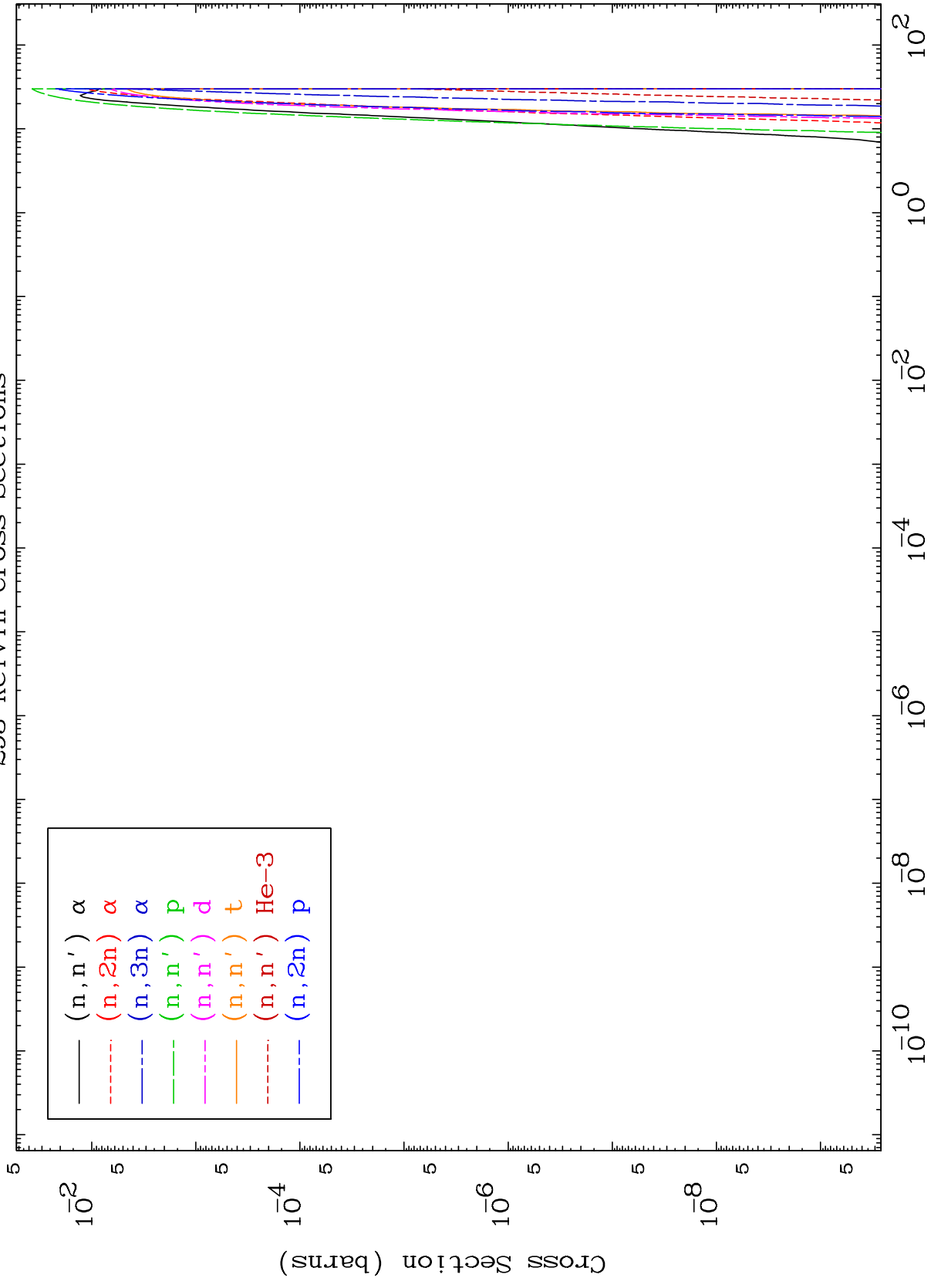
95-Am-242



MAT 9547

Charged Particle  
293 Kelvin Cross Sections

95-Am-242

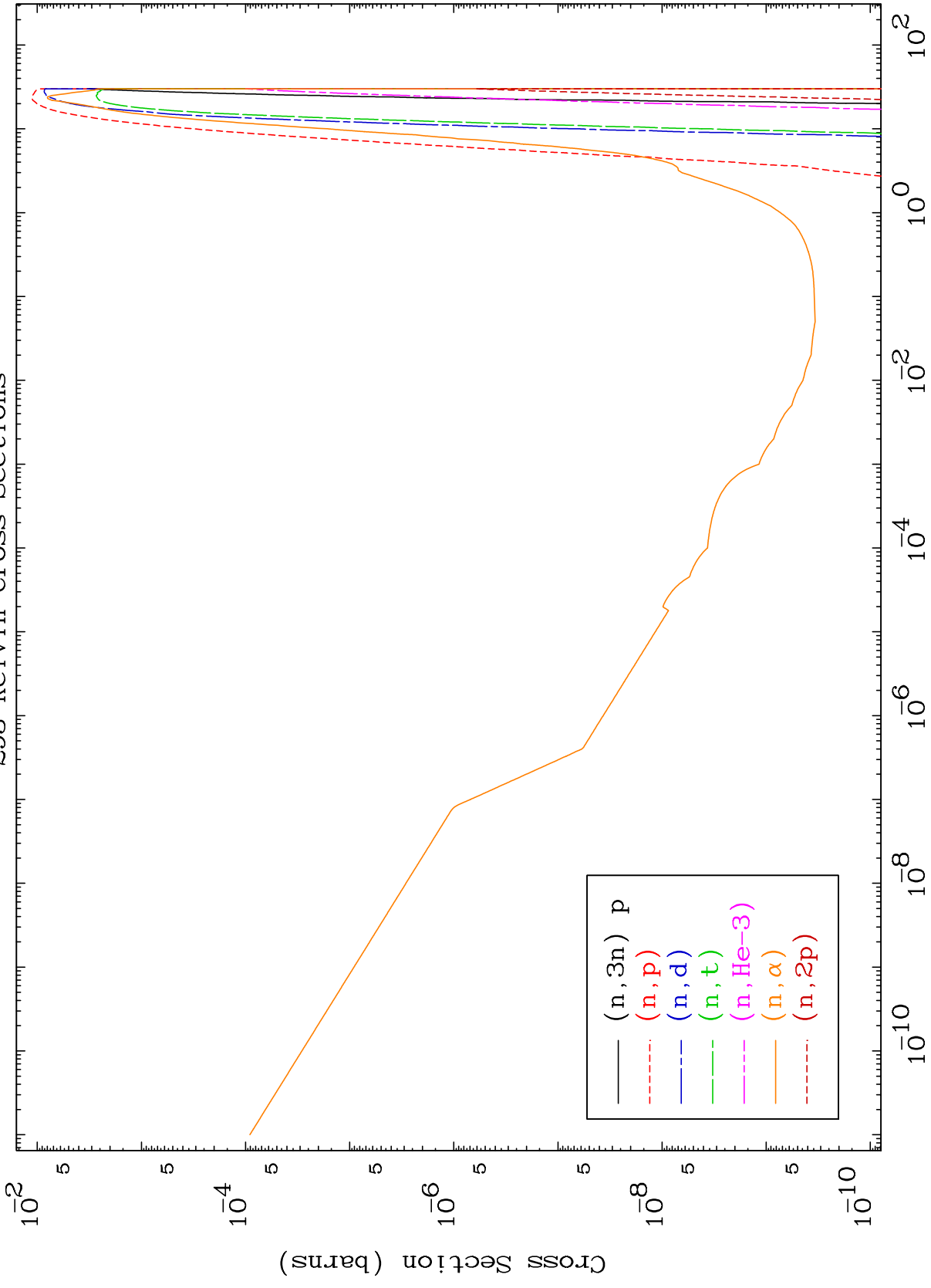


95-Am-242

MAT 9547

293 Kelvin Cross Sections

95-Am-242

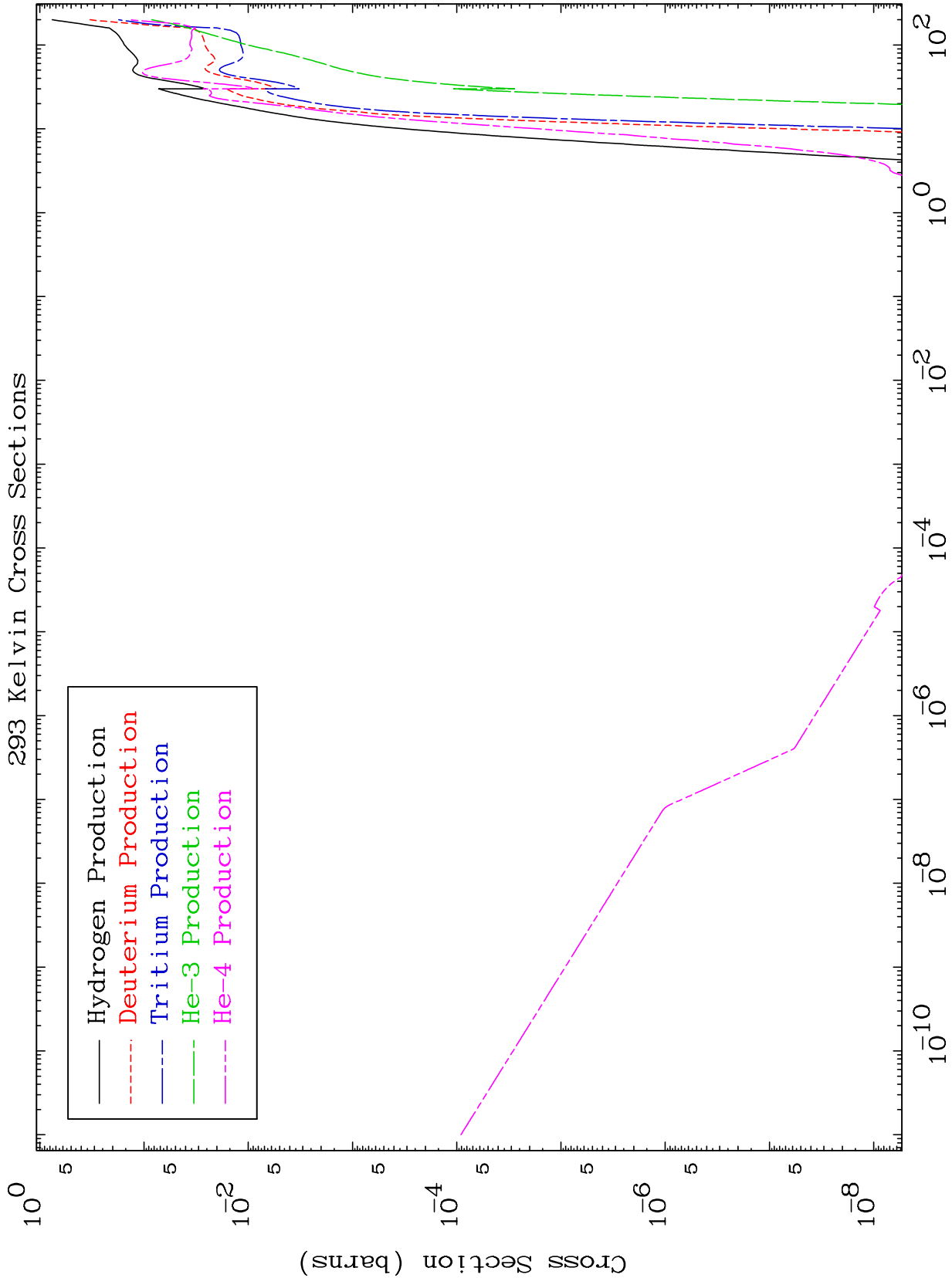


95-Am-242

MAT 9547

Particle Production  
293 Kelvin Cross Sections

95-Am-242



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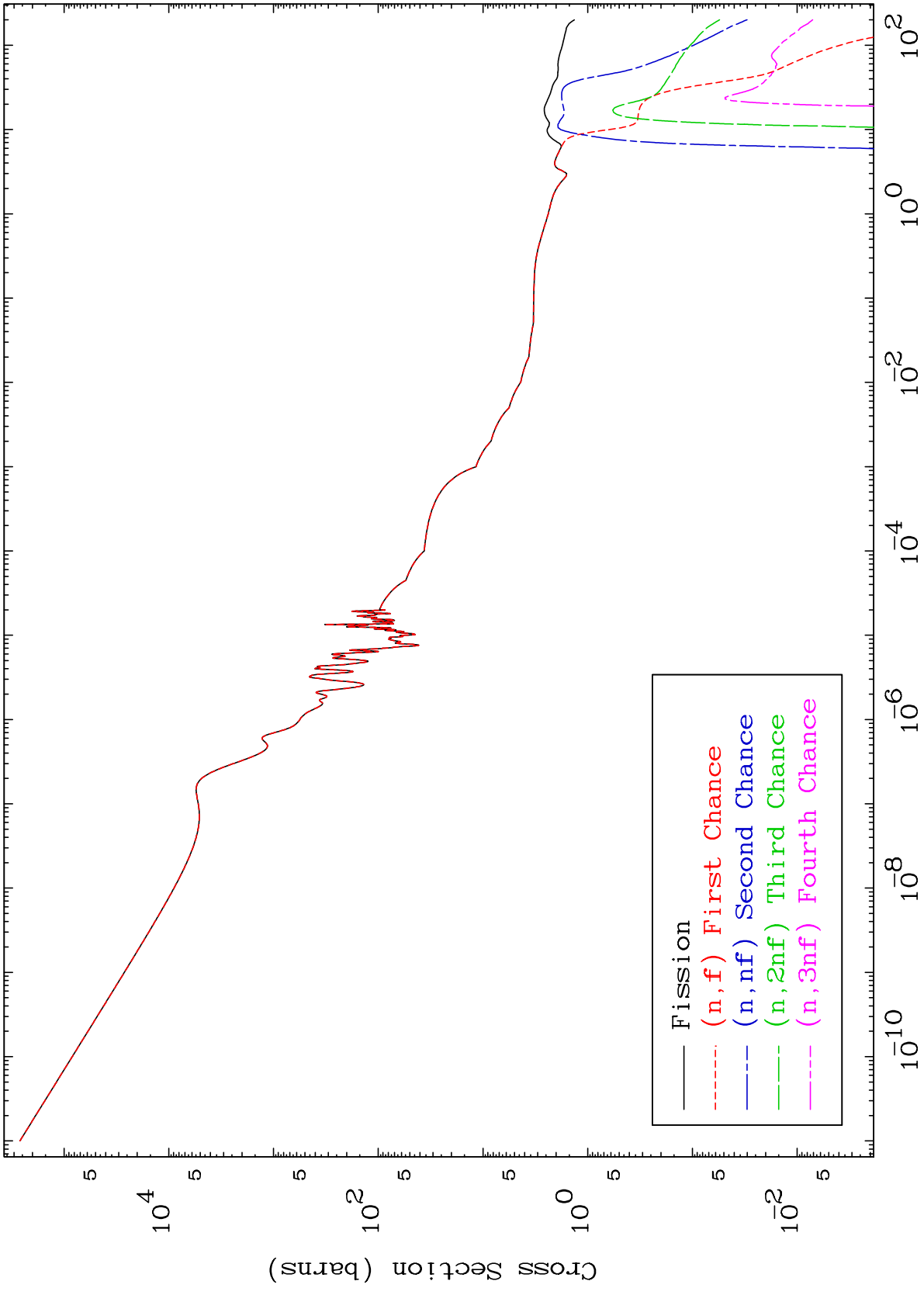
Incident Energy (MeV)

95-Am-242

MAT 9547

Fission  
293 Kelvin Cross Sections

95-Am-242



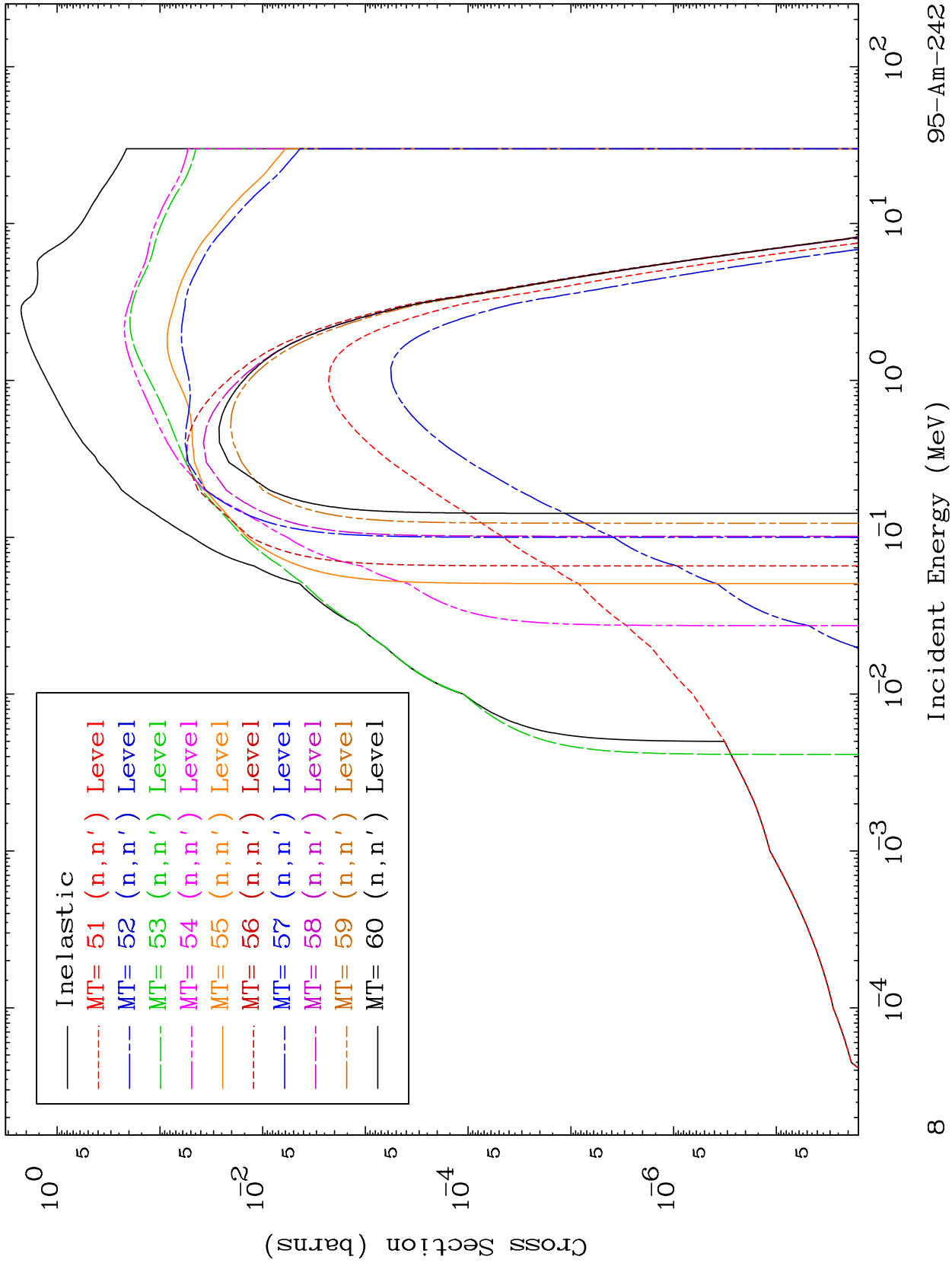
95-Am-242



MAT 9547

293 Kelvin Cross Sections  
(n,n') Level

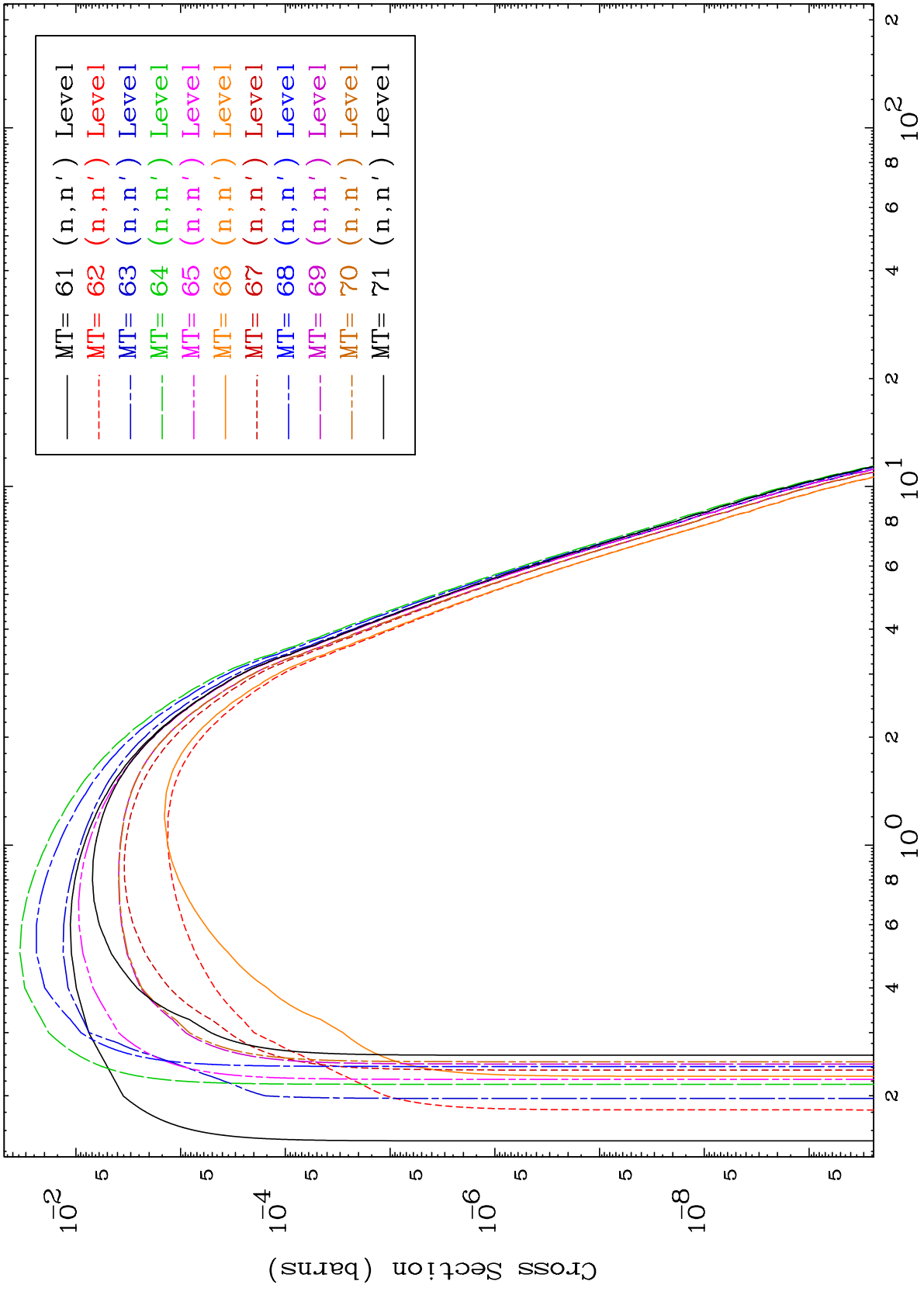
95-Am-242



MAT 9547

(n,n') Level  
293 Kelvin Cross Sections

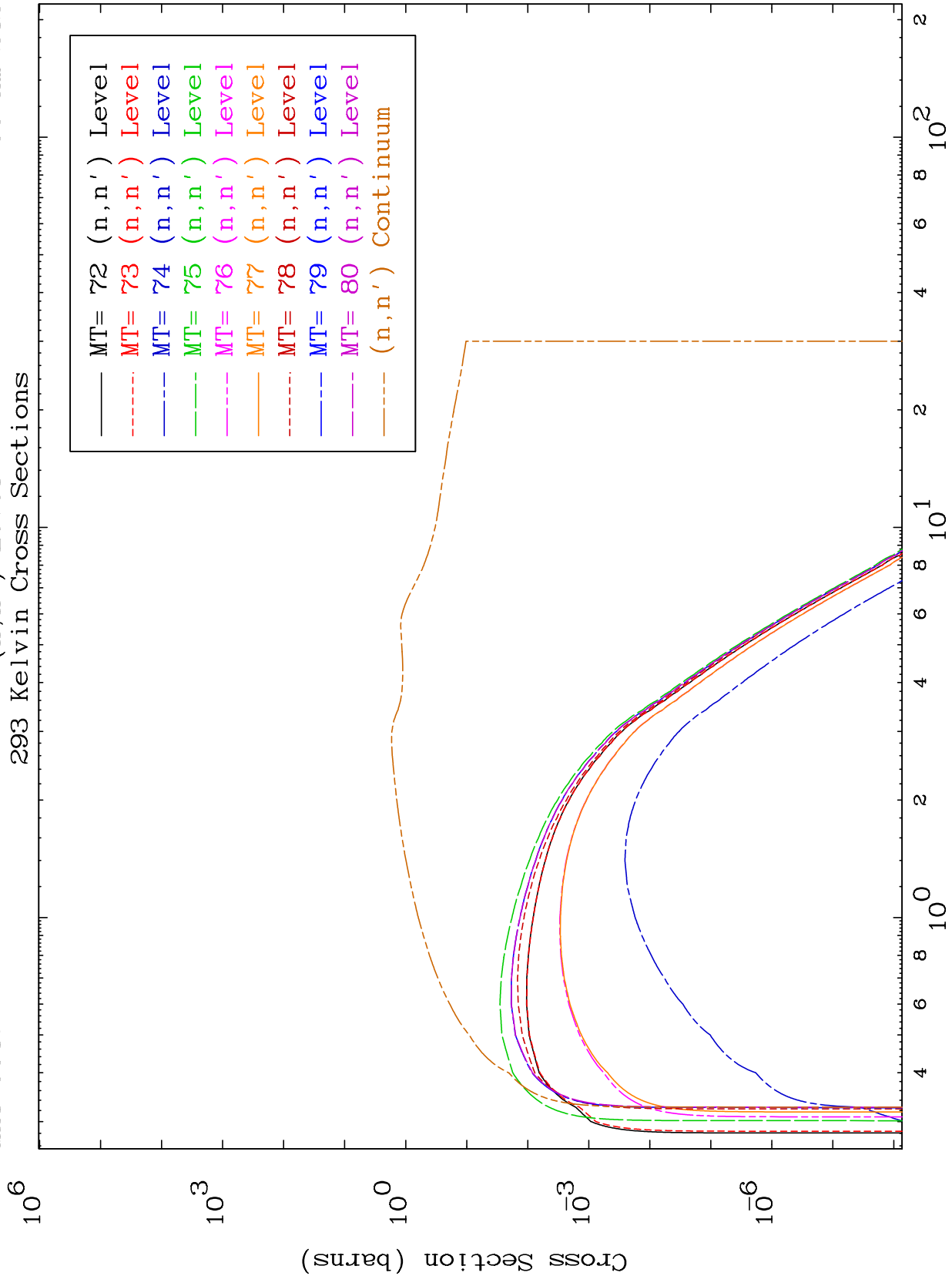
95-Am-242



MAT 9547

(n,n') Level  
293 Kelvin Cross Sections

95-Am-242



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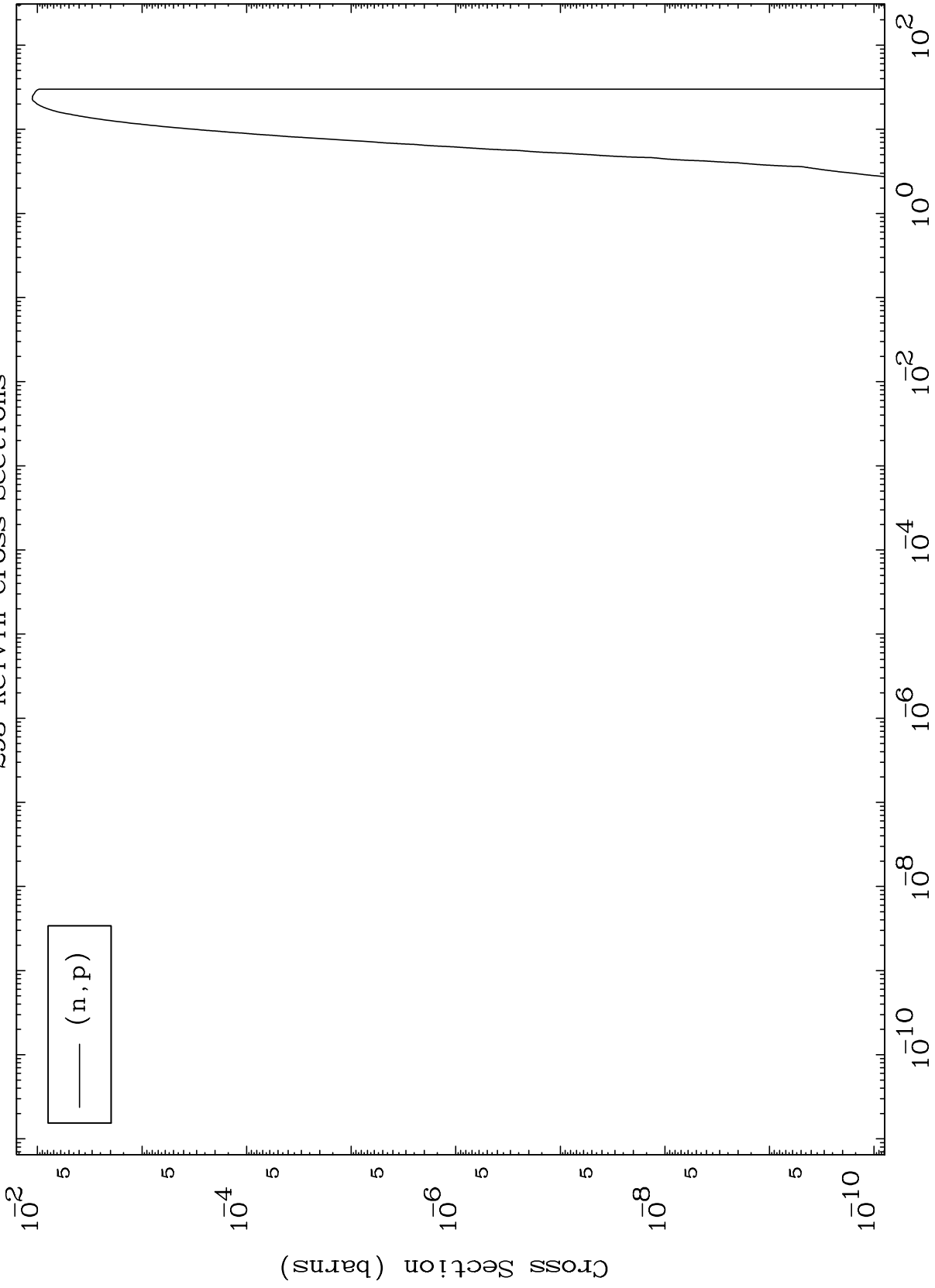
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,p) Levels  
293 Kelvin Cross Sections

95-Am-242



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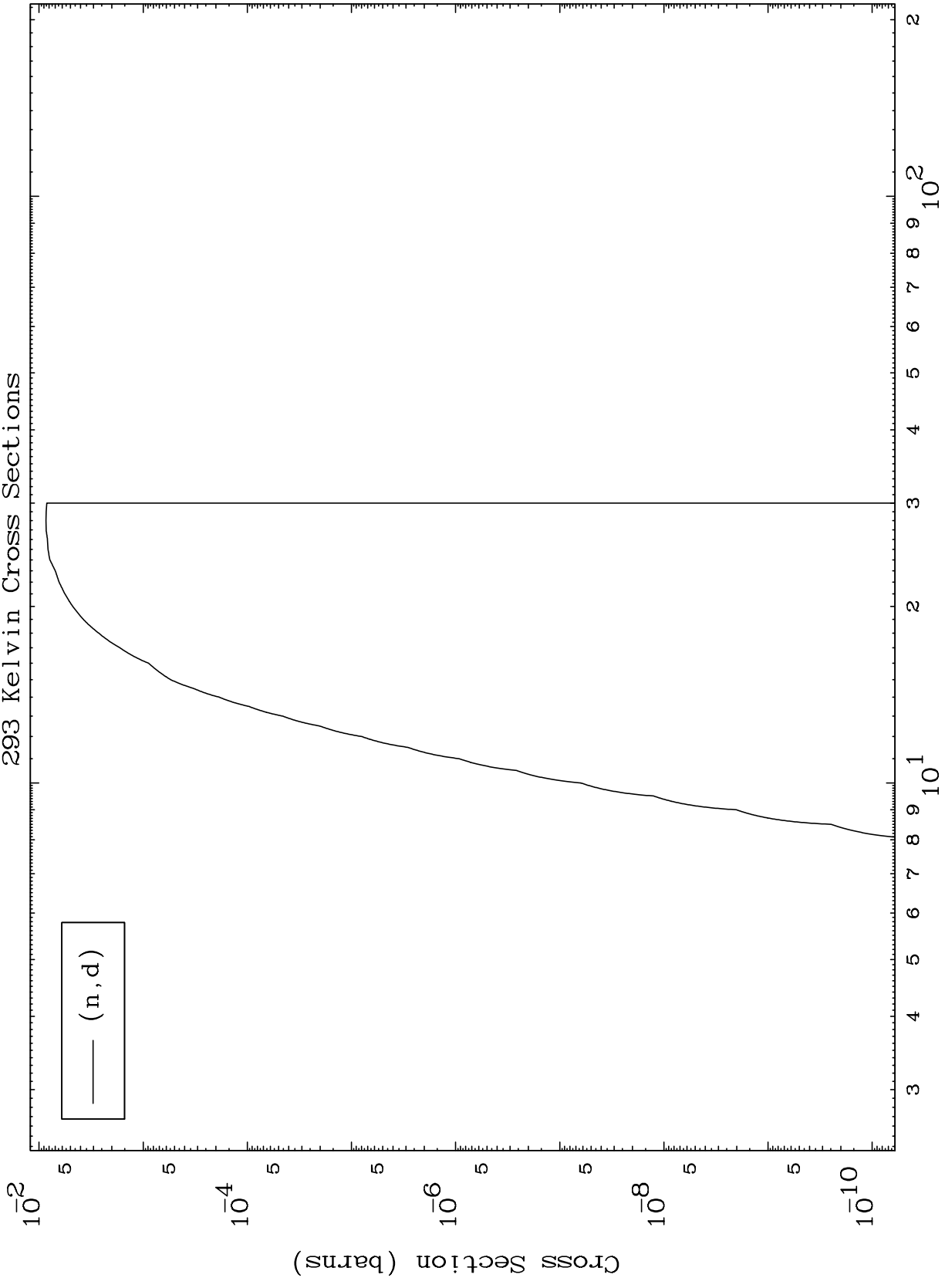
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-242



12

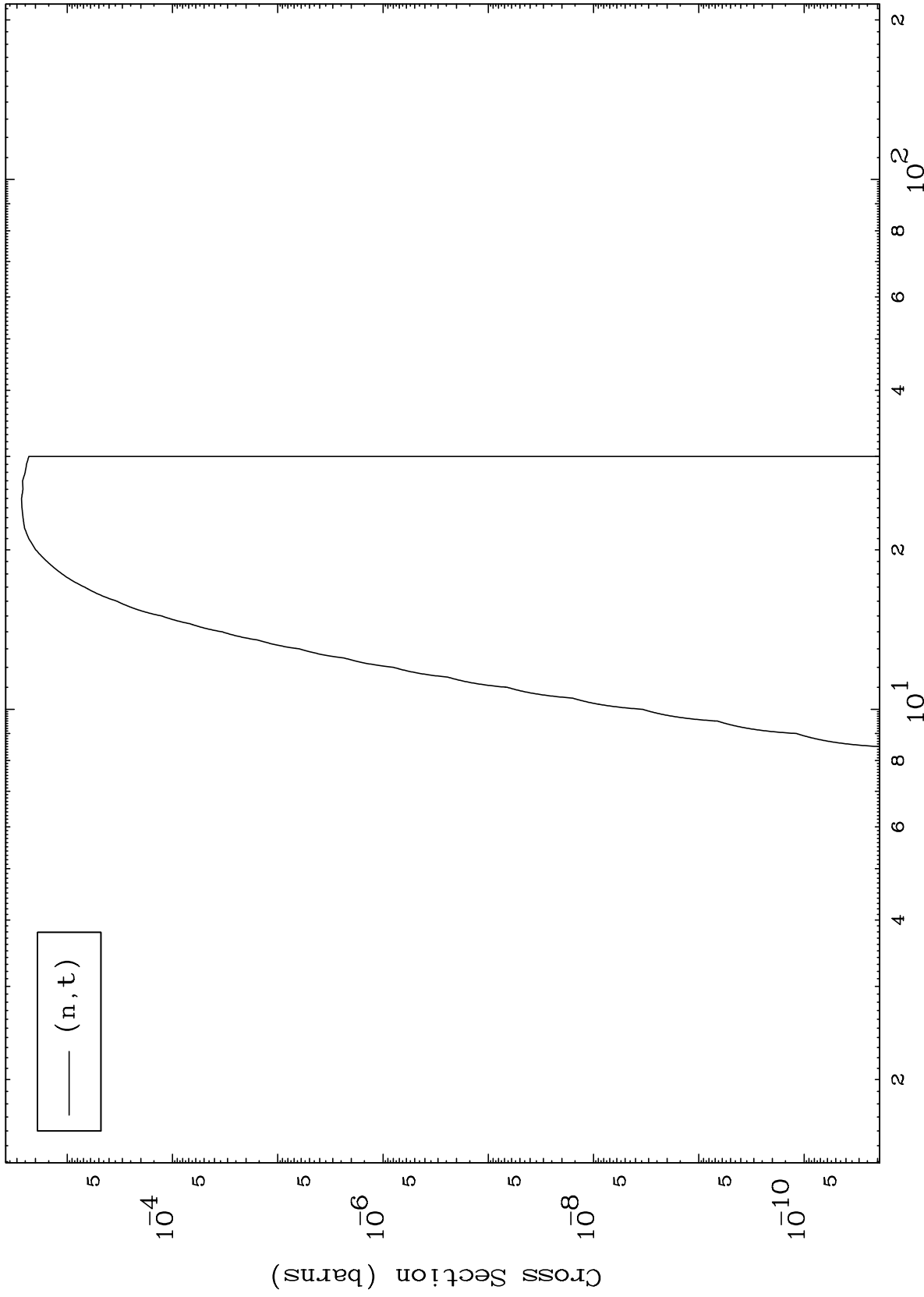
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-242



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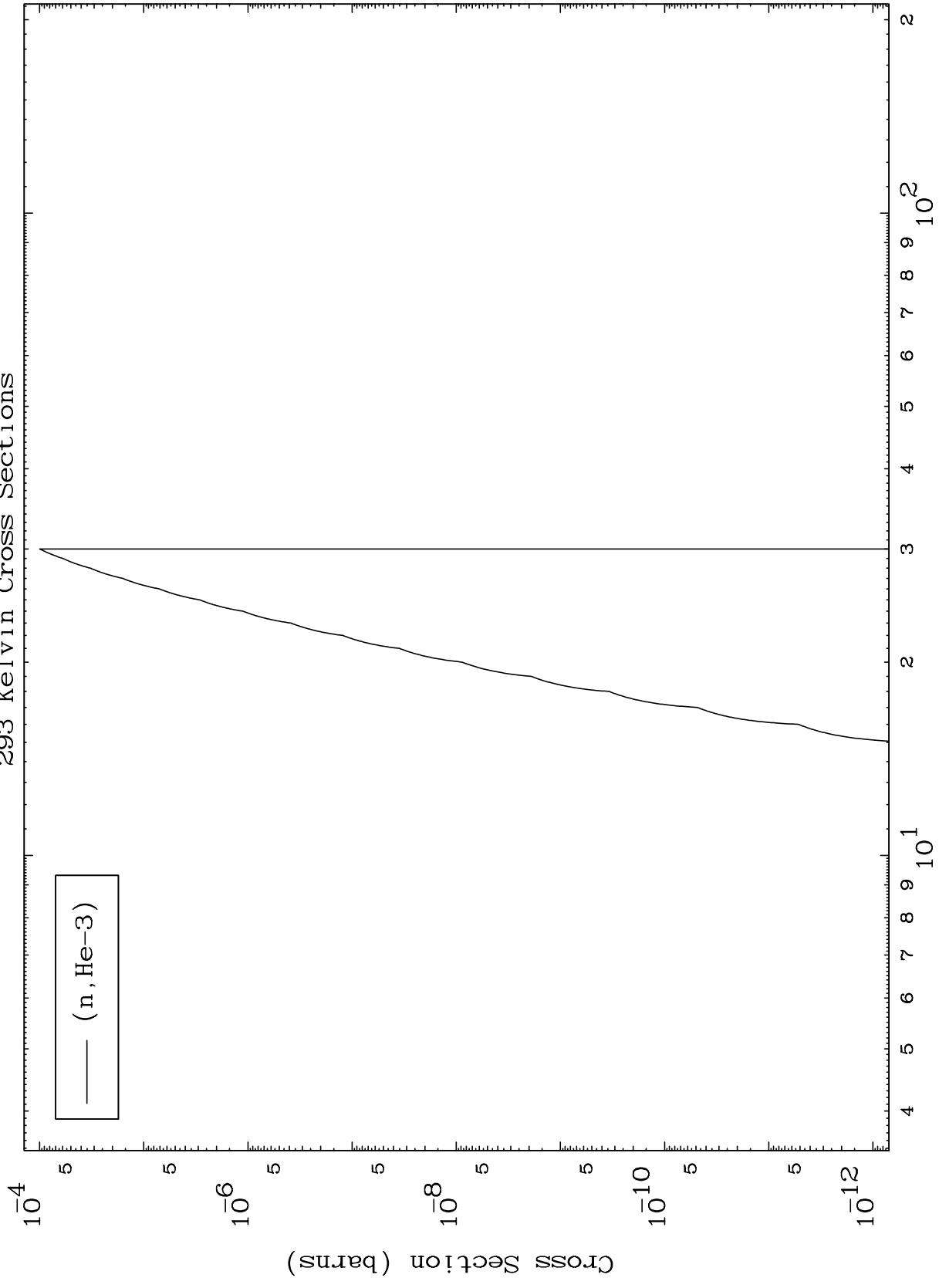
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-242



(n, He-3)

14

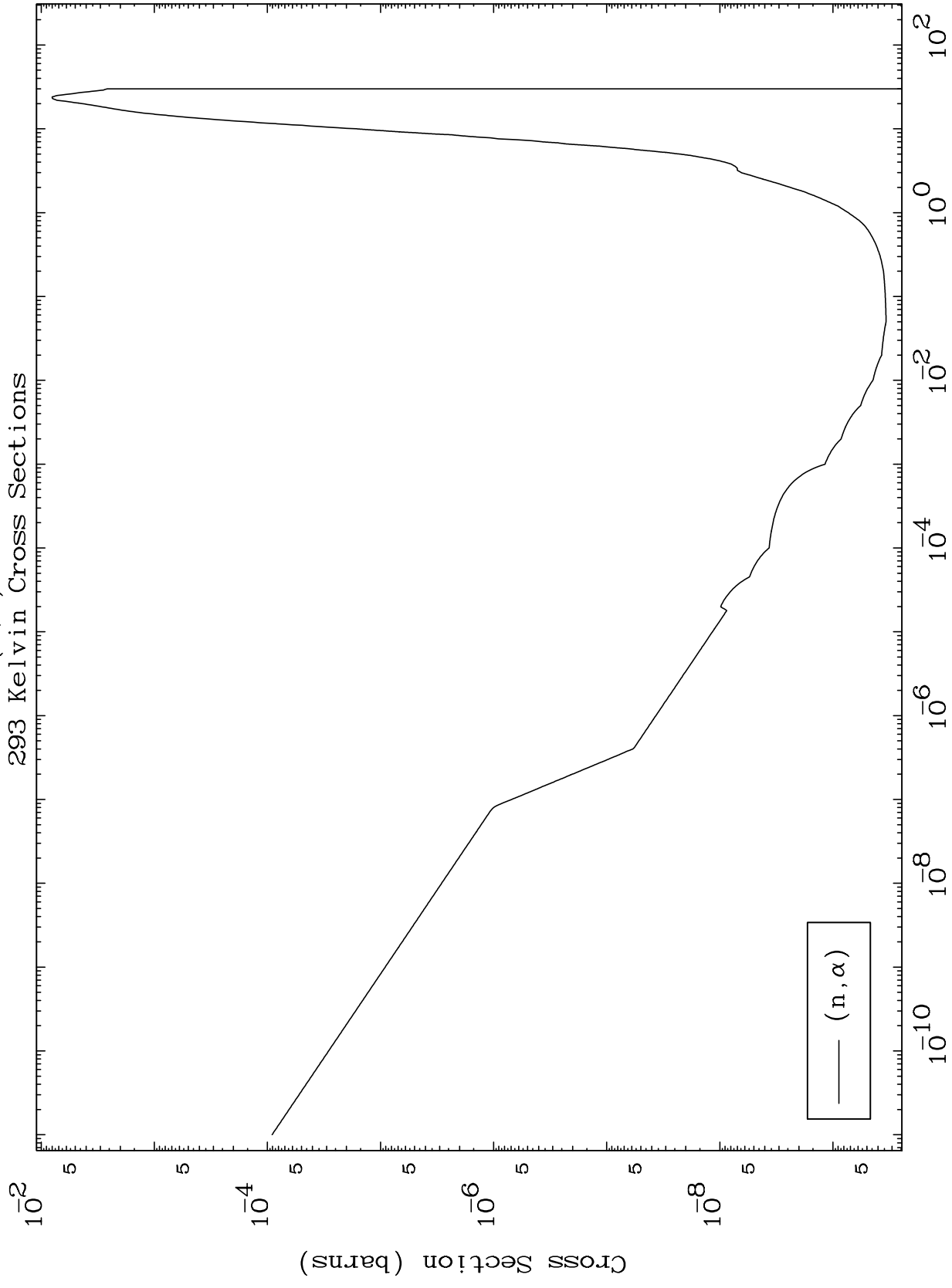
Incident Energy (MeV)

95-Am-242

MAT 9547

(n,α) Levels  
293 Kelvin Cross Sections

95-Am-242



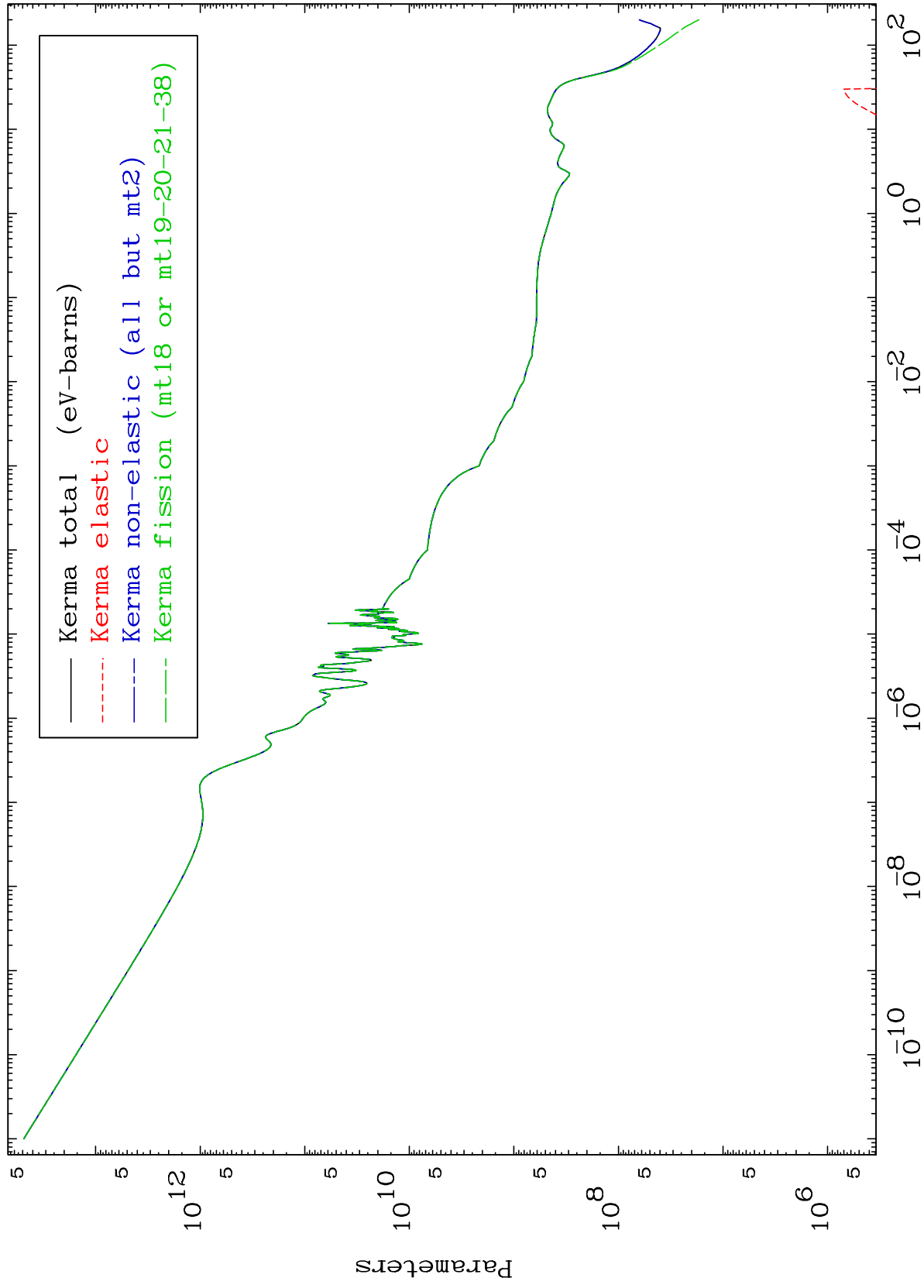
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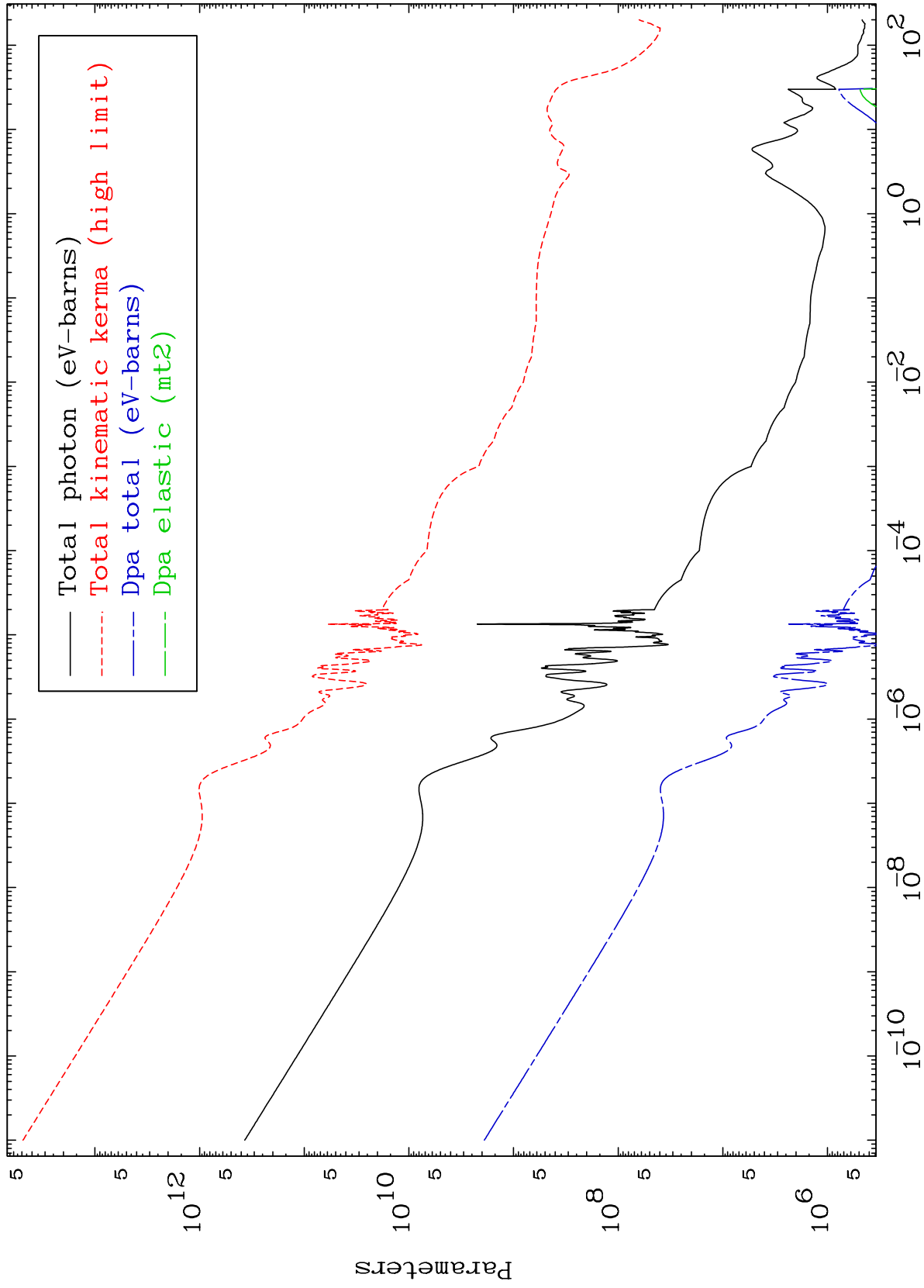
Incident Energy (MeV)

95-Am-242

— (n,α)







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Elastic Legendre Coefficients

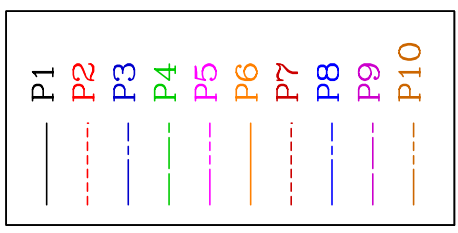
95-Am-242



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Incident Energy (MeV)

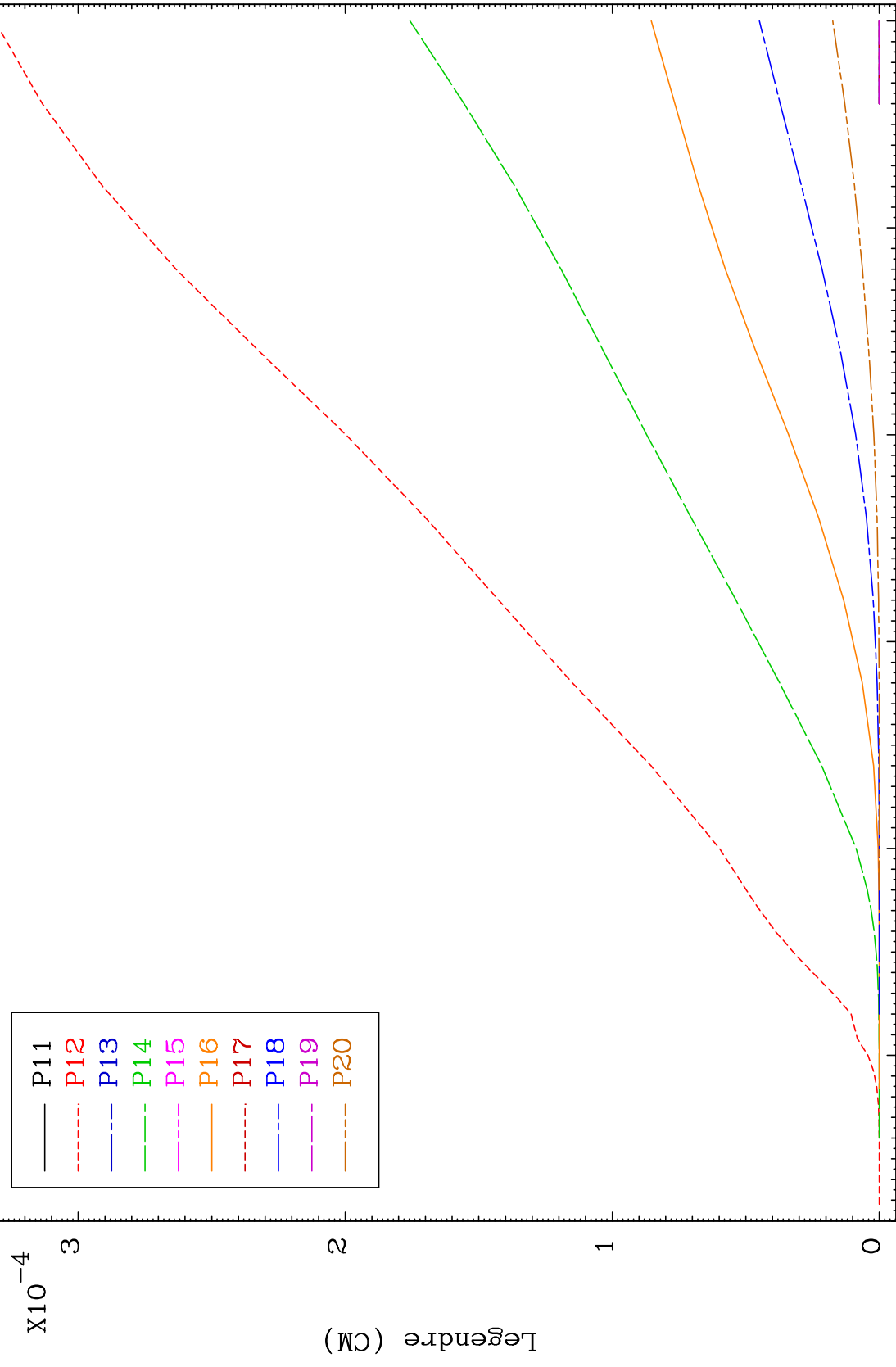
95-Am-242



MAT 9547

Elastic Legendre Coefficients

95-Am-242



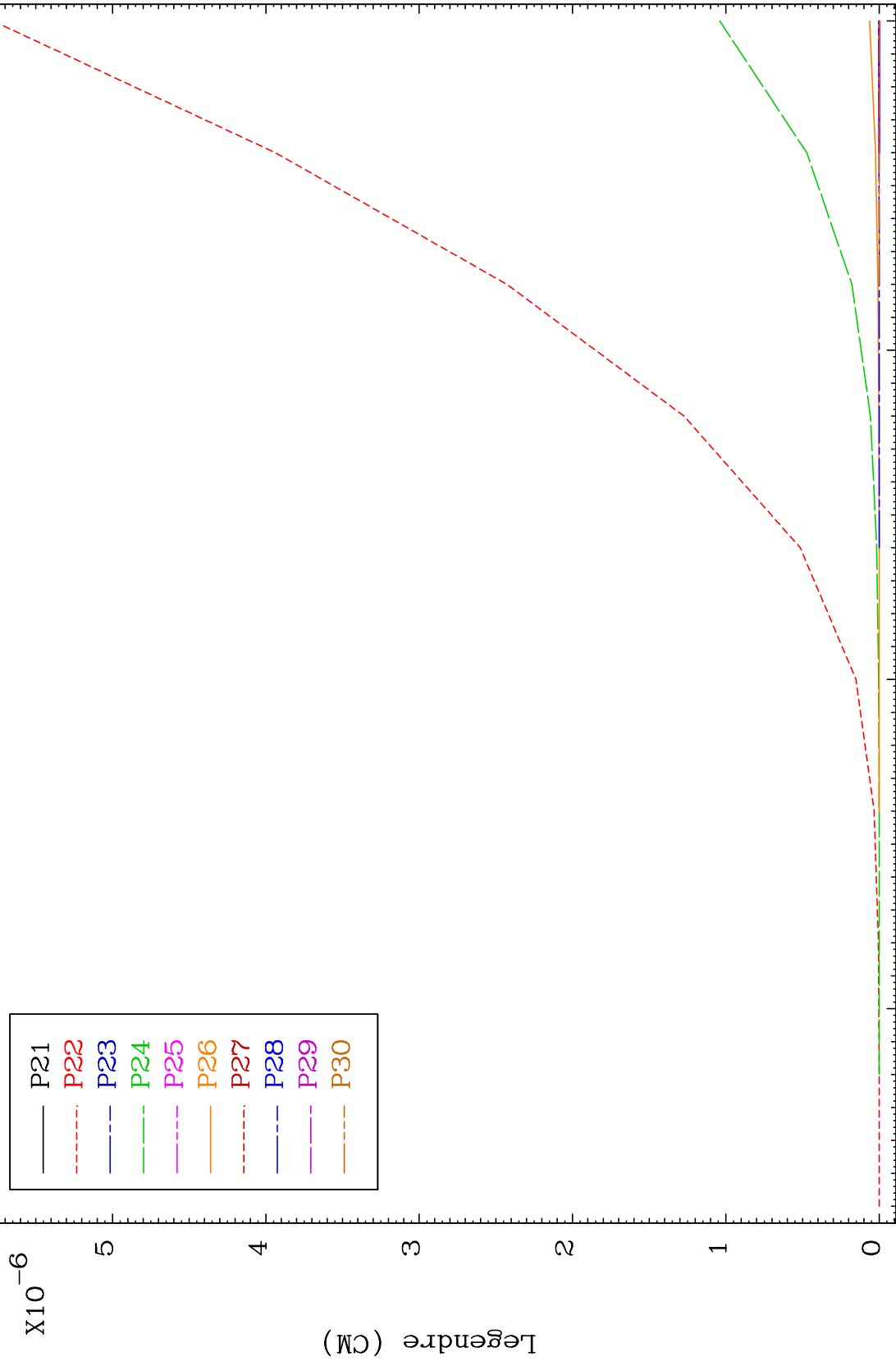
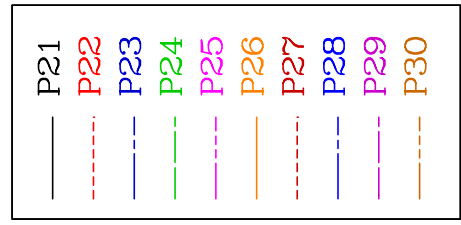
19

95-Am-242

MAT 9547

Elastic  
Legendre Coefficients

95-Am-242



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15

20

Incident Energy (MeV)

25

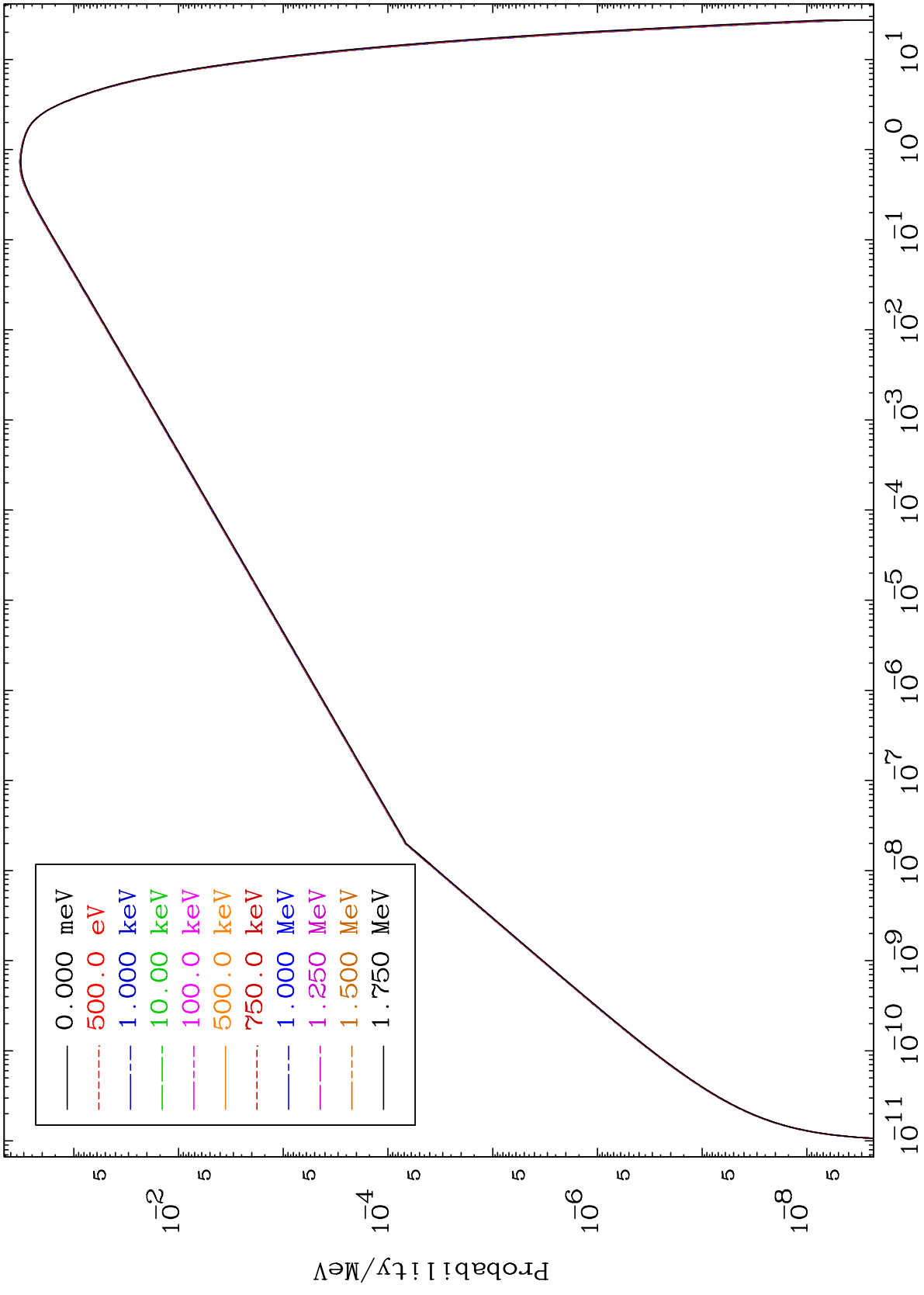
30

95-Am-242

MAT 9547

### Fission Energy Distribution

95-Am-242

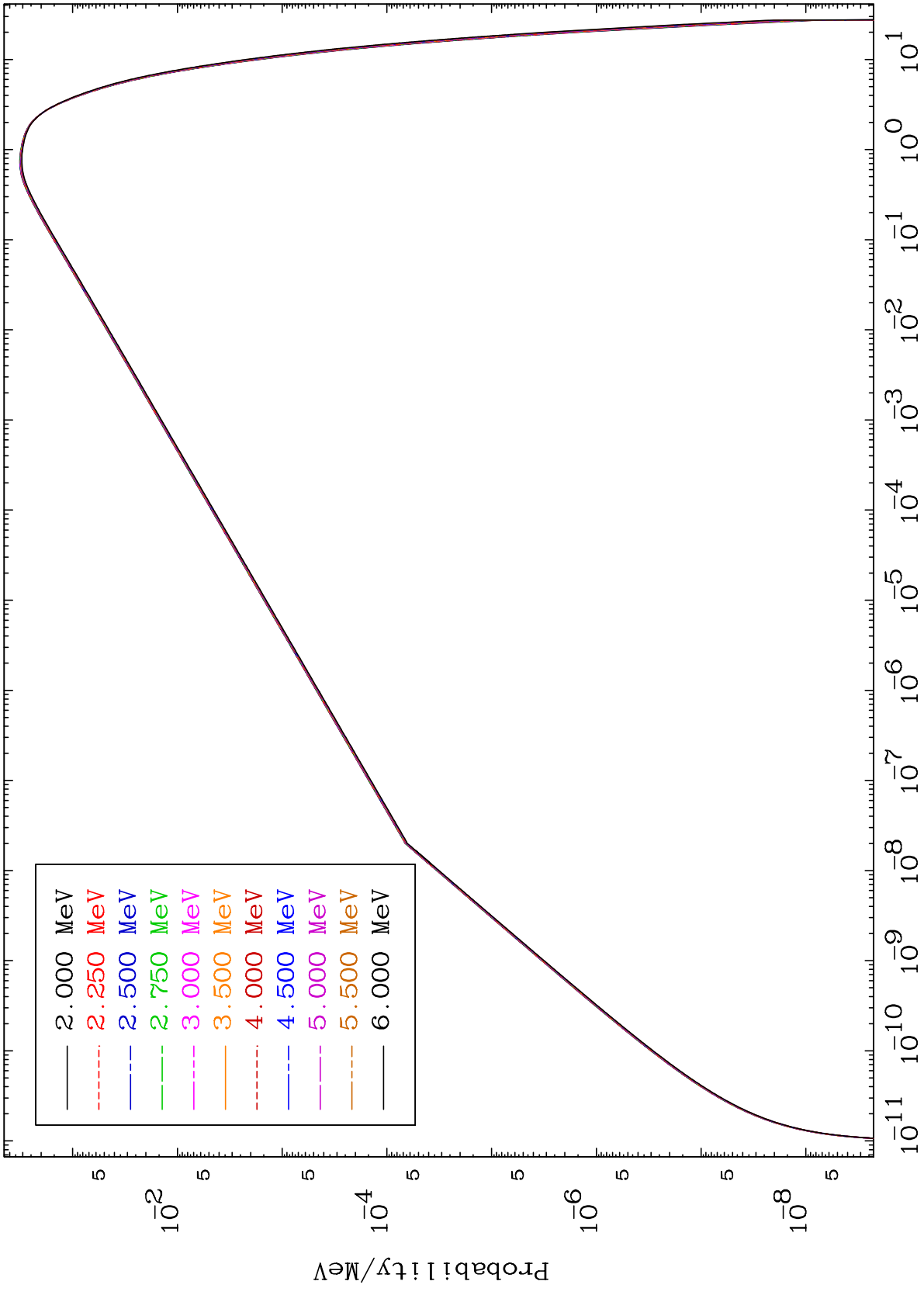


95-Am-242

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# Fission Energy Distribution

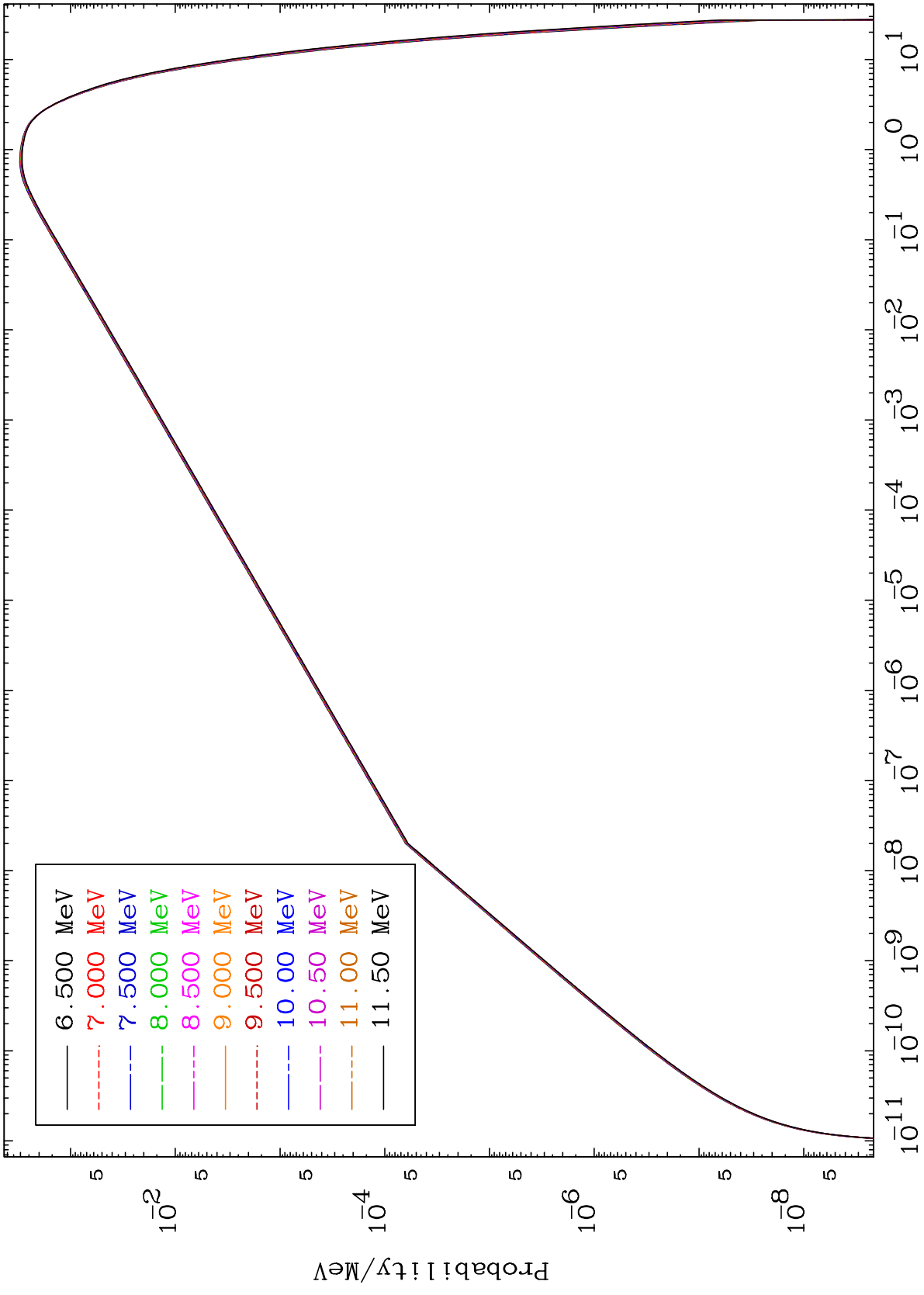
95-Am-242



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### Fission Energy Distribution

95-Am-242



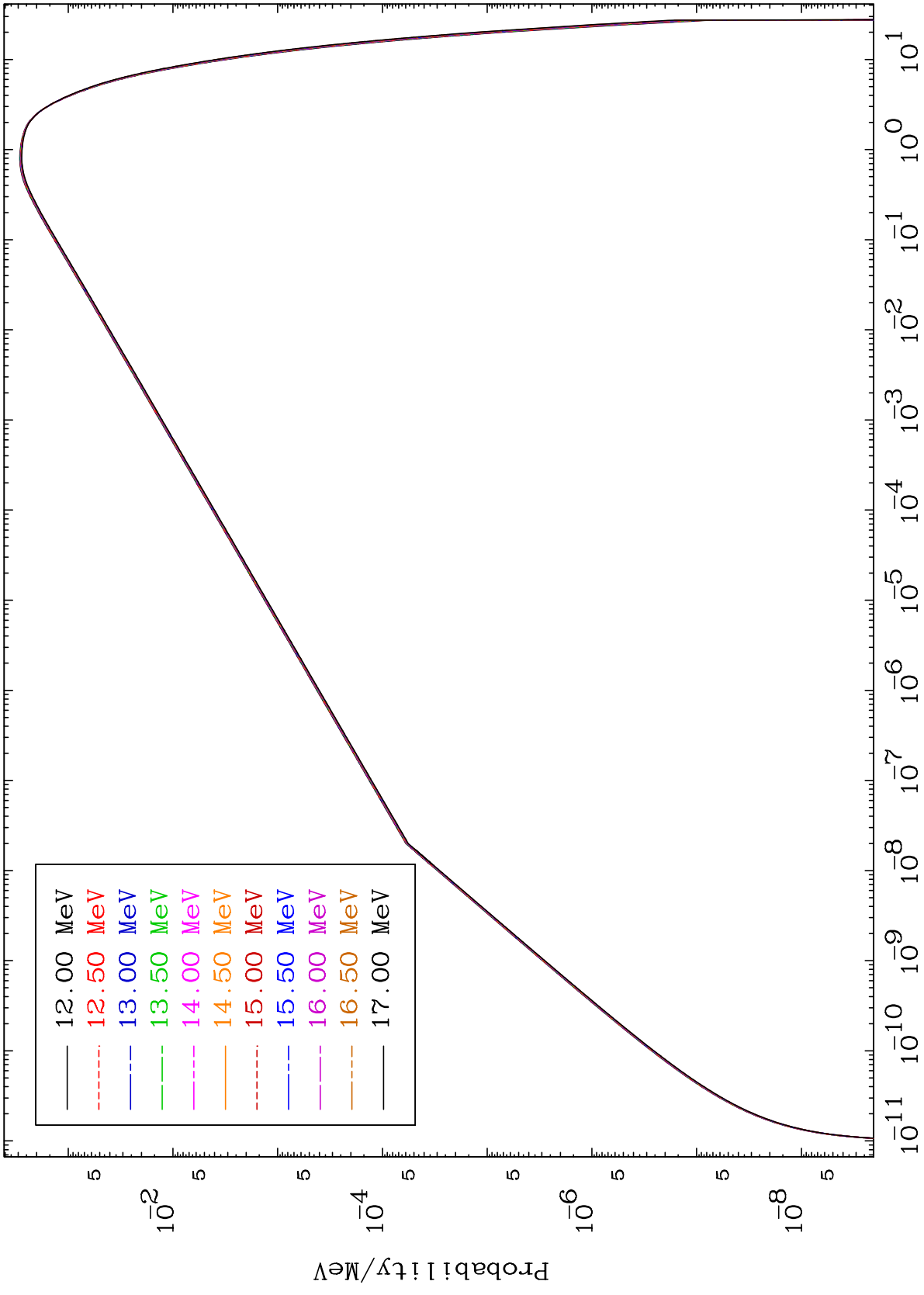
95-Am-242



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# Fission Energy Distribution

95-Am-242

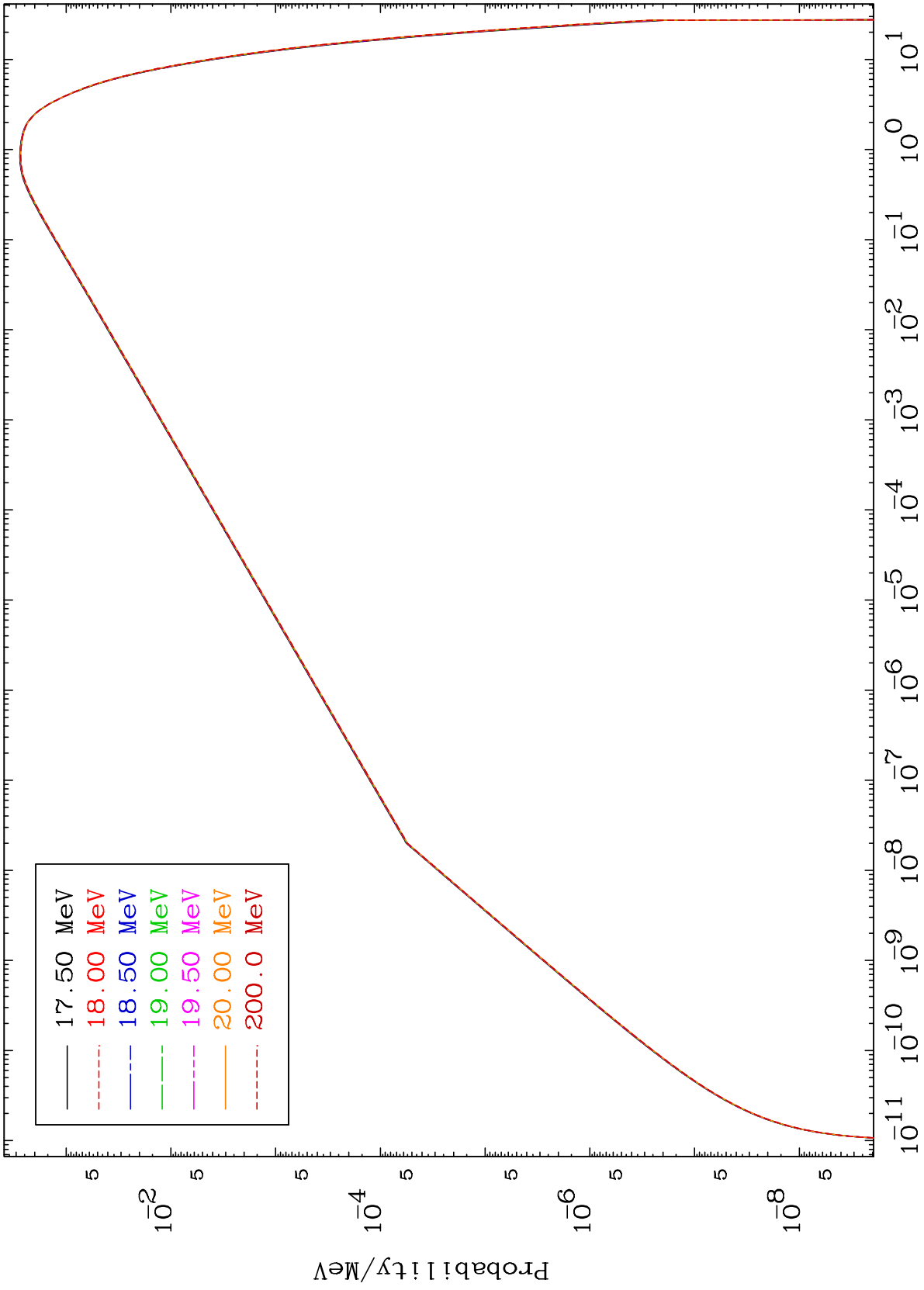


95-Am-242

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# Fission Energy Distribution

95-Am-242



25

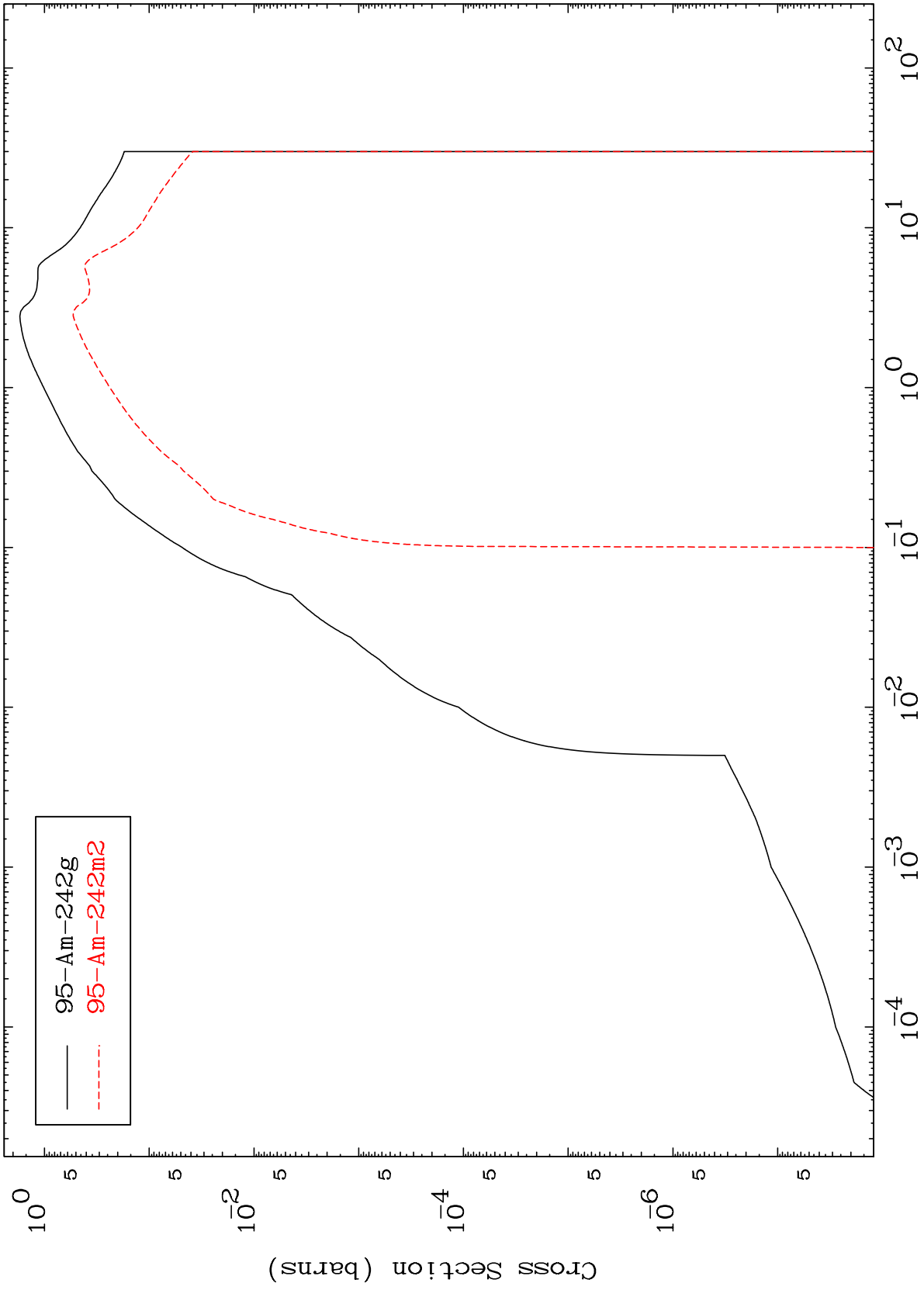
Secondary Energy (MeV)

95-Am-242

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Inelastic  
Radionuclide Production Cross Section

95-Am-242

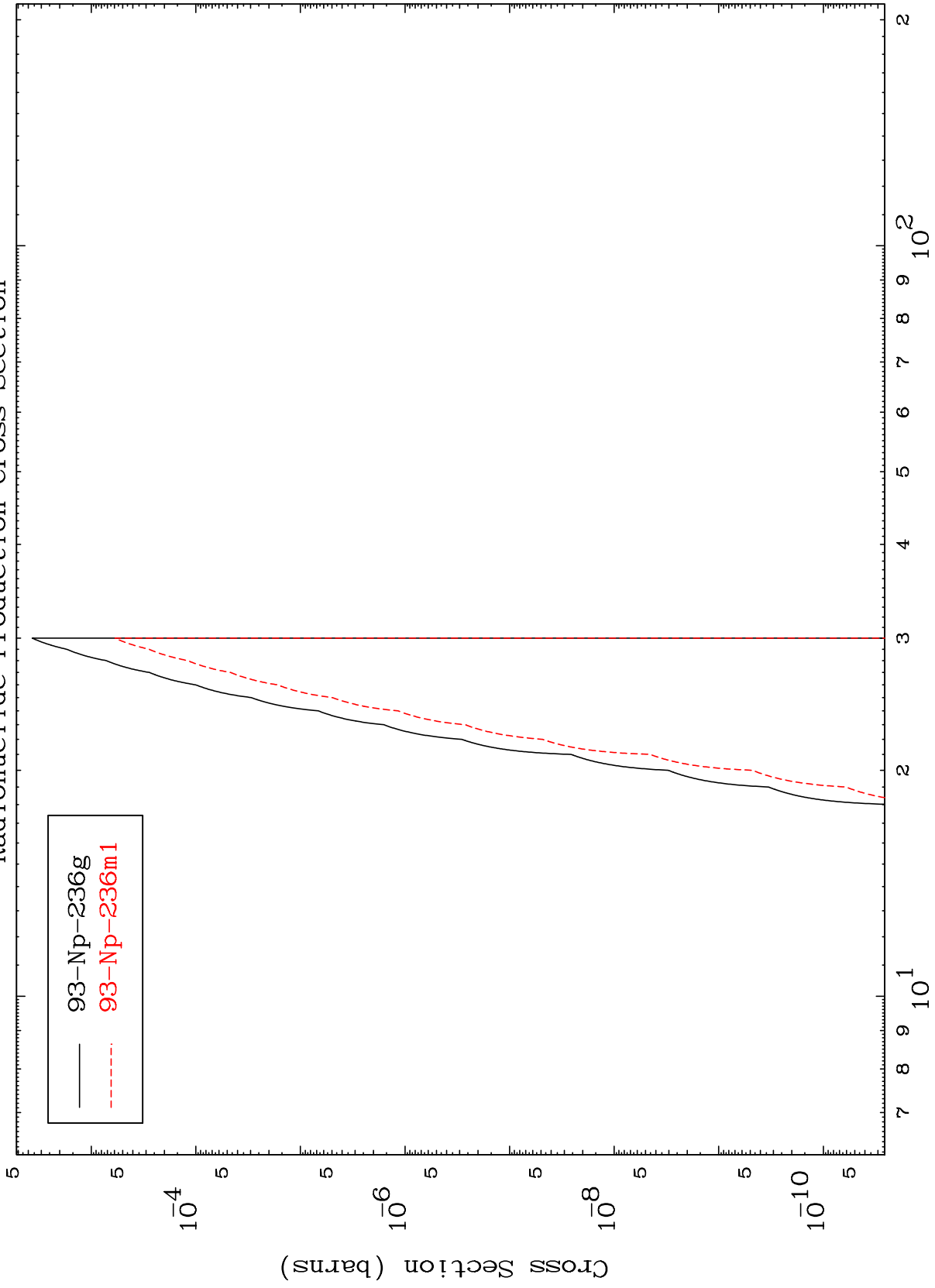


95-Am-242g  
95-Am-242m2

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95-Am-242

(n,3n)  $\alpha$   
Radionuclide Production Cross Section



27

Incident Energy (MeV)

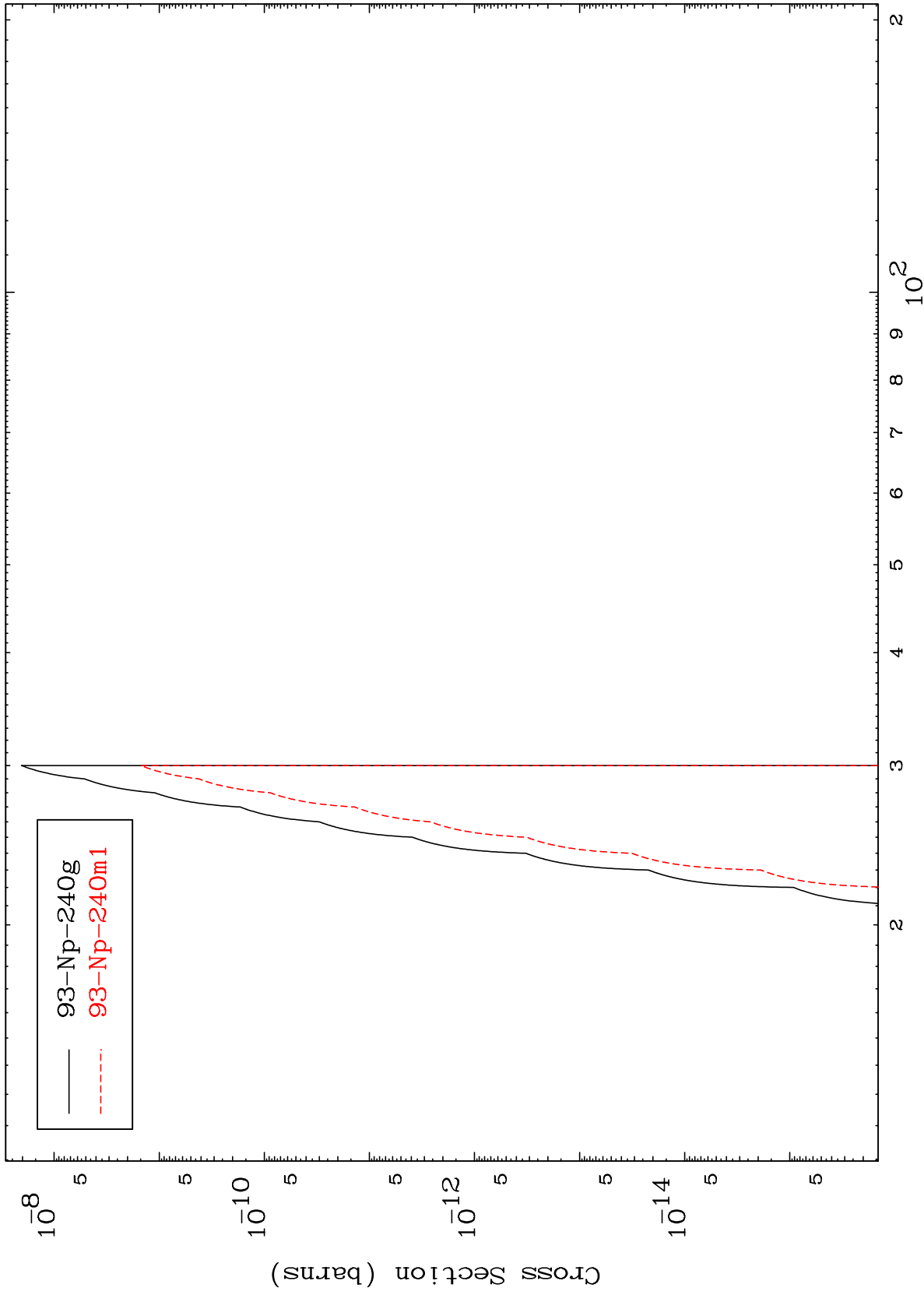
95-Am-242

MAT 9547

(n,2n) p

95-Am-242

Radionuclide Production Cross Section



28

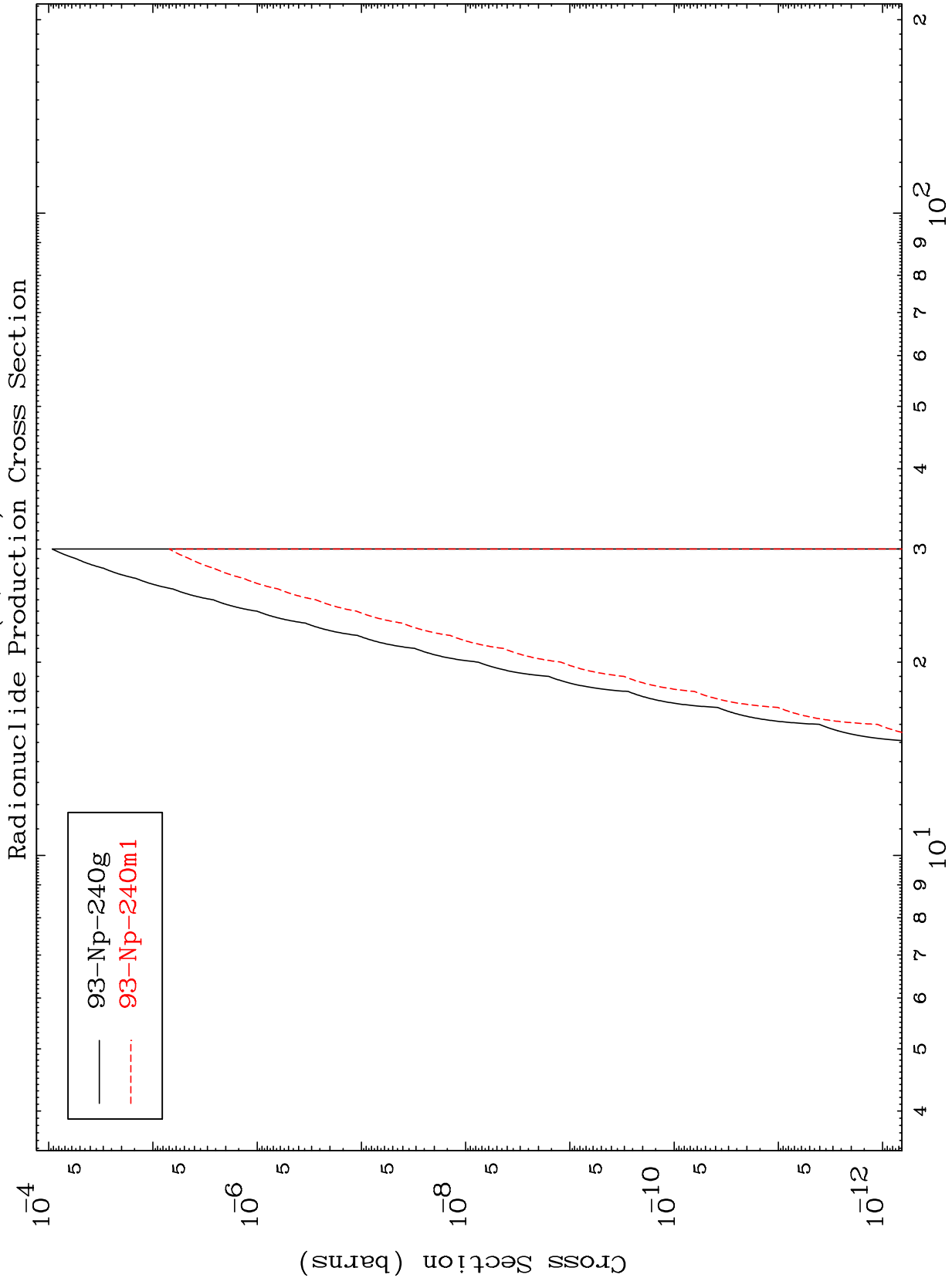
95-Am-242

95-Am-242

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(n, He-3)

95-Am-242



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95-Am-242