

Program EVALPLOT  
(Version 2017-1)

by

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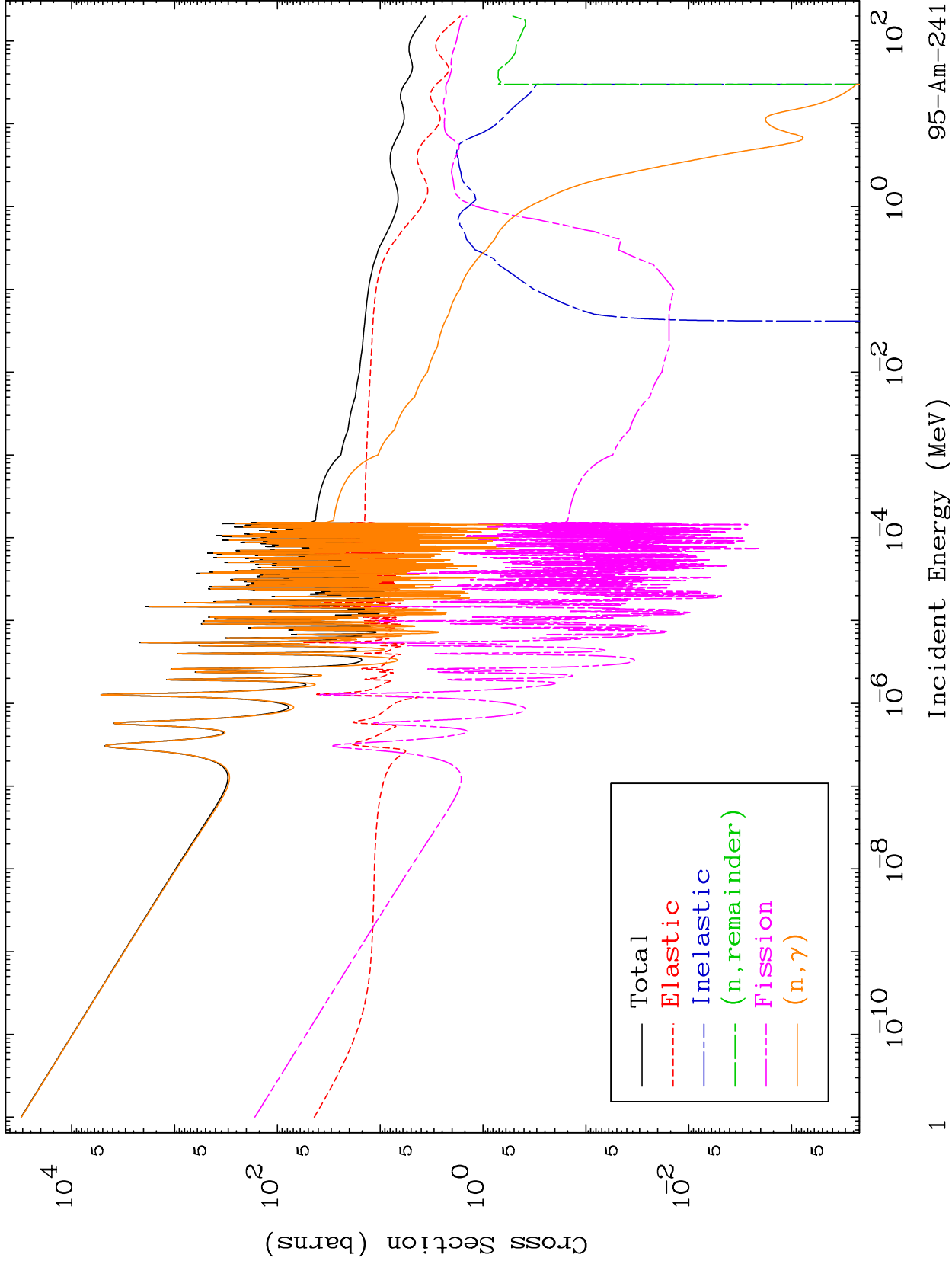
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9543

Major  
293 Kelvin Cross Sections

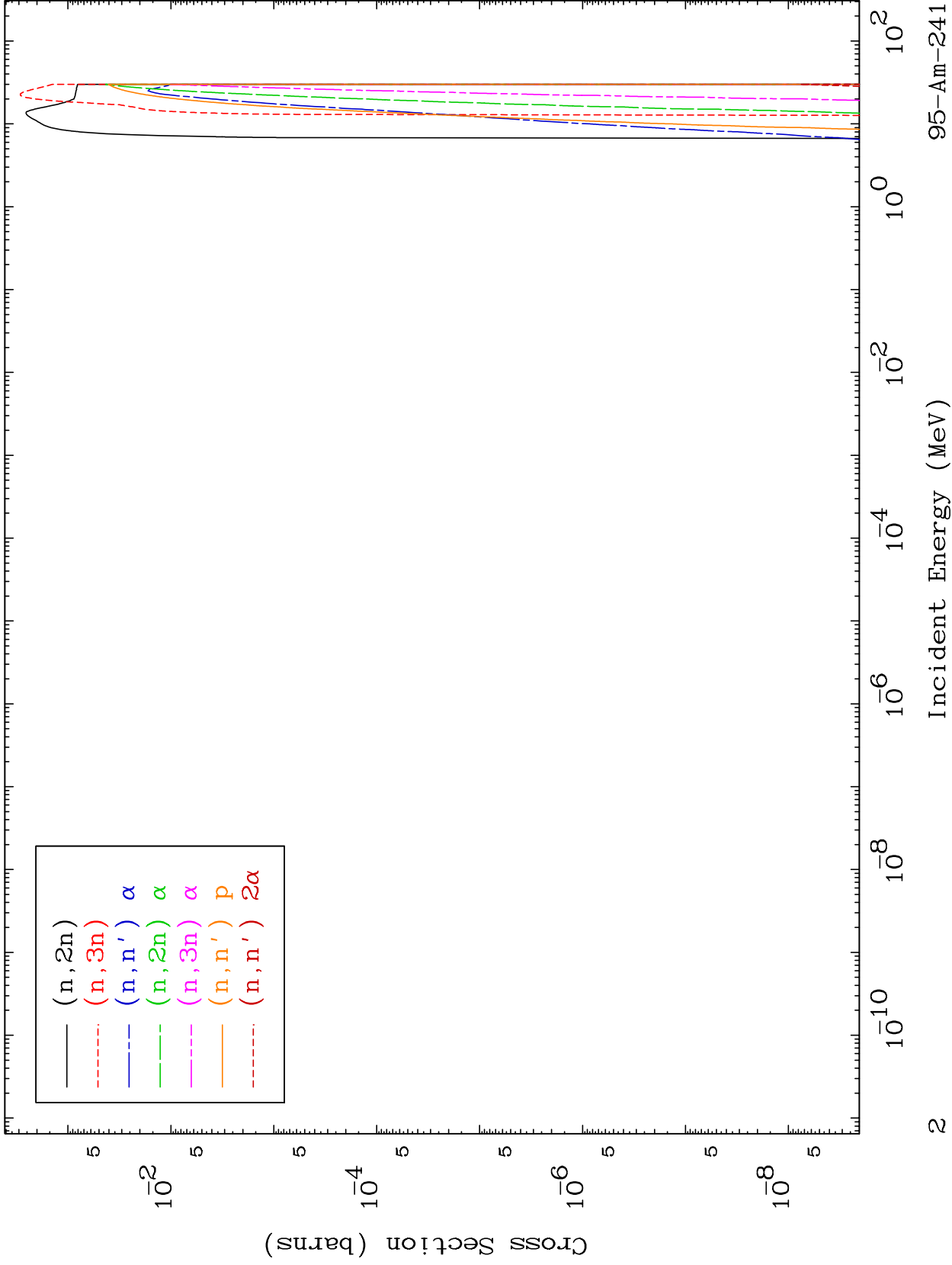
95-Am-241



MAT 9543

Neutron Production  
293 Kelvin Cross Sections

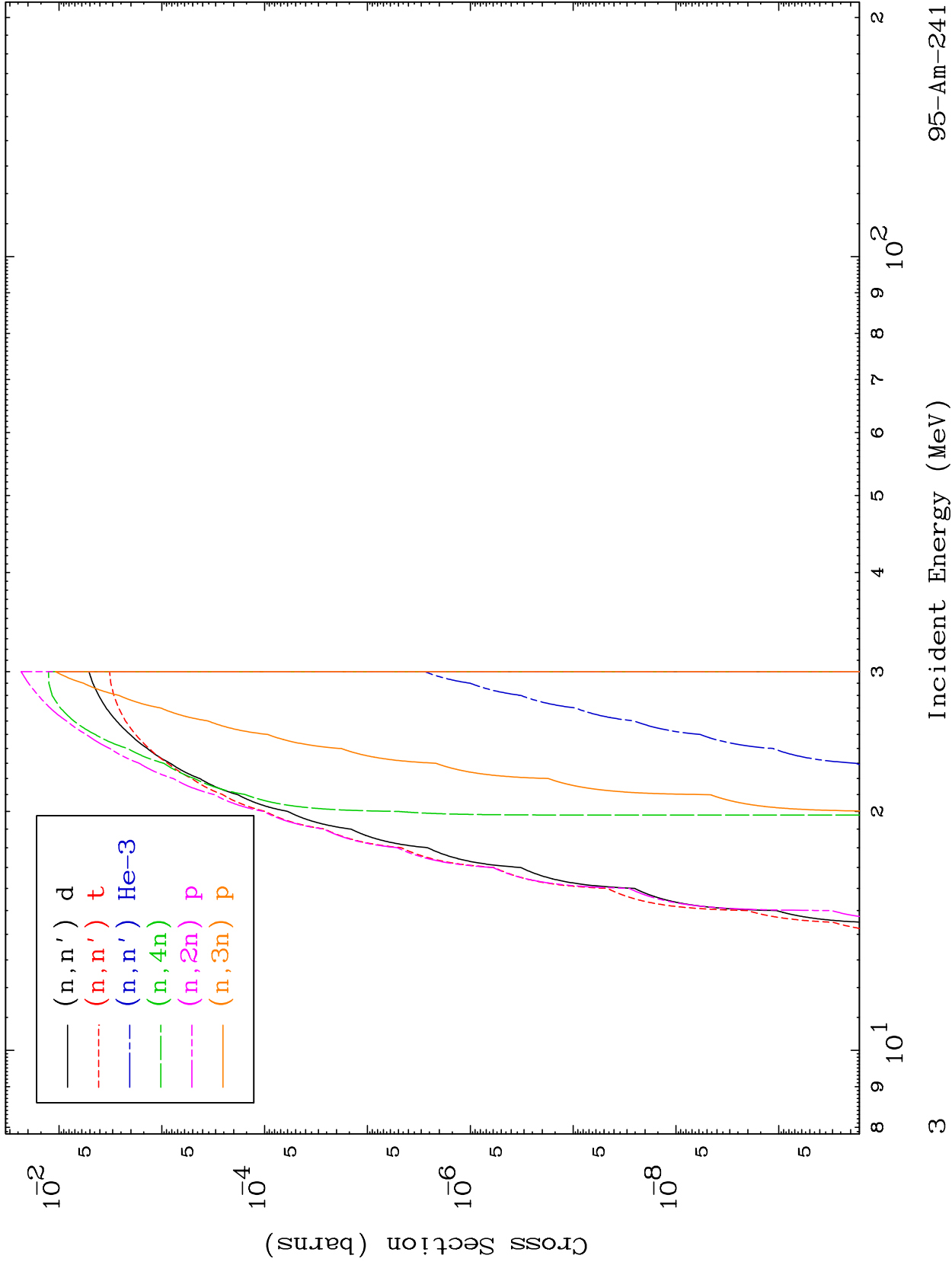
95-Am-241



MAT 9543

Neutron Production  
293 Kelvin Cross Sections

95-Am-241



95-Am-241

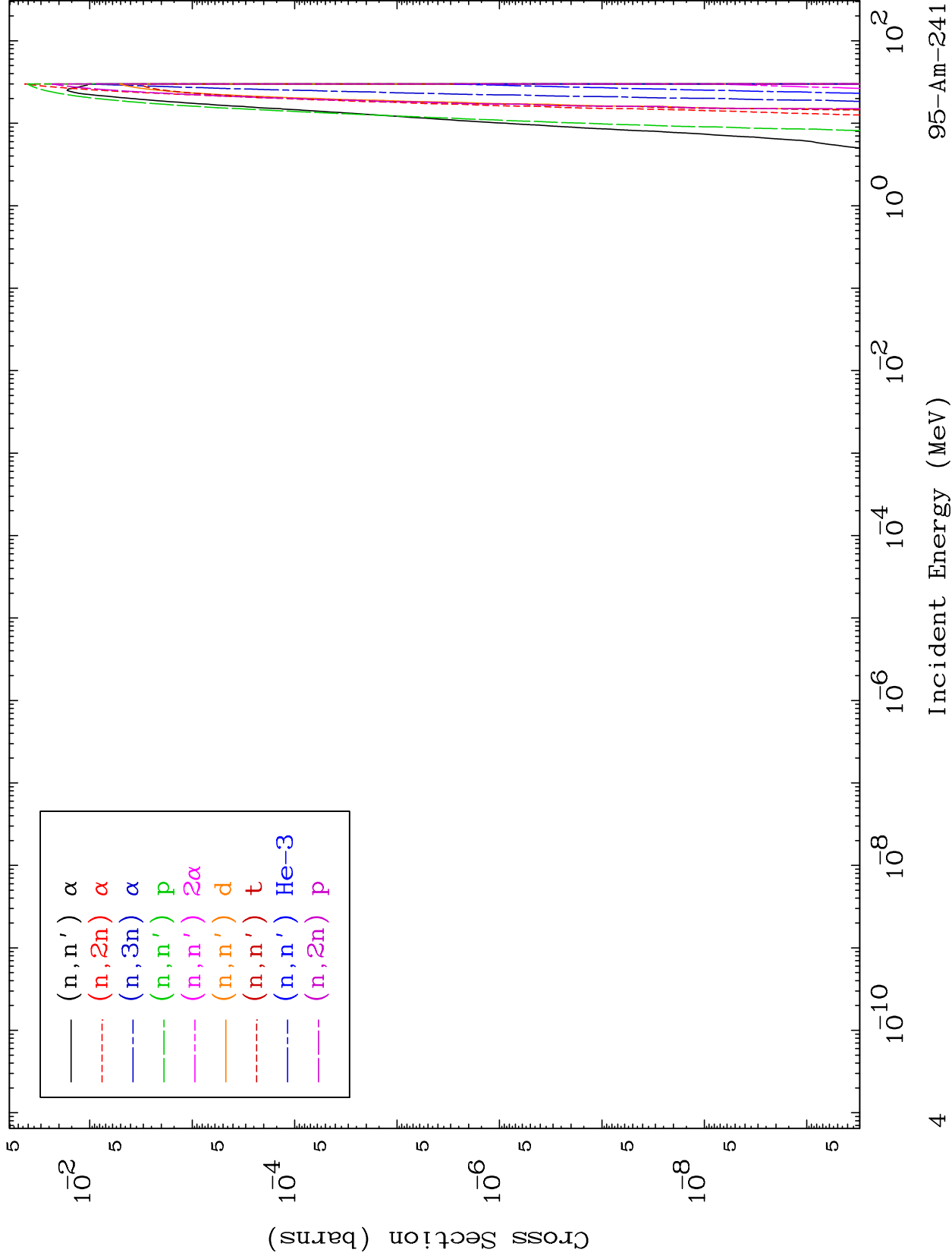
Incident Energy (MeV)

3

MAT 9543

Charged Particle  
293 Kelvin Cross Sections

95-Am-241

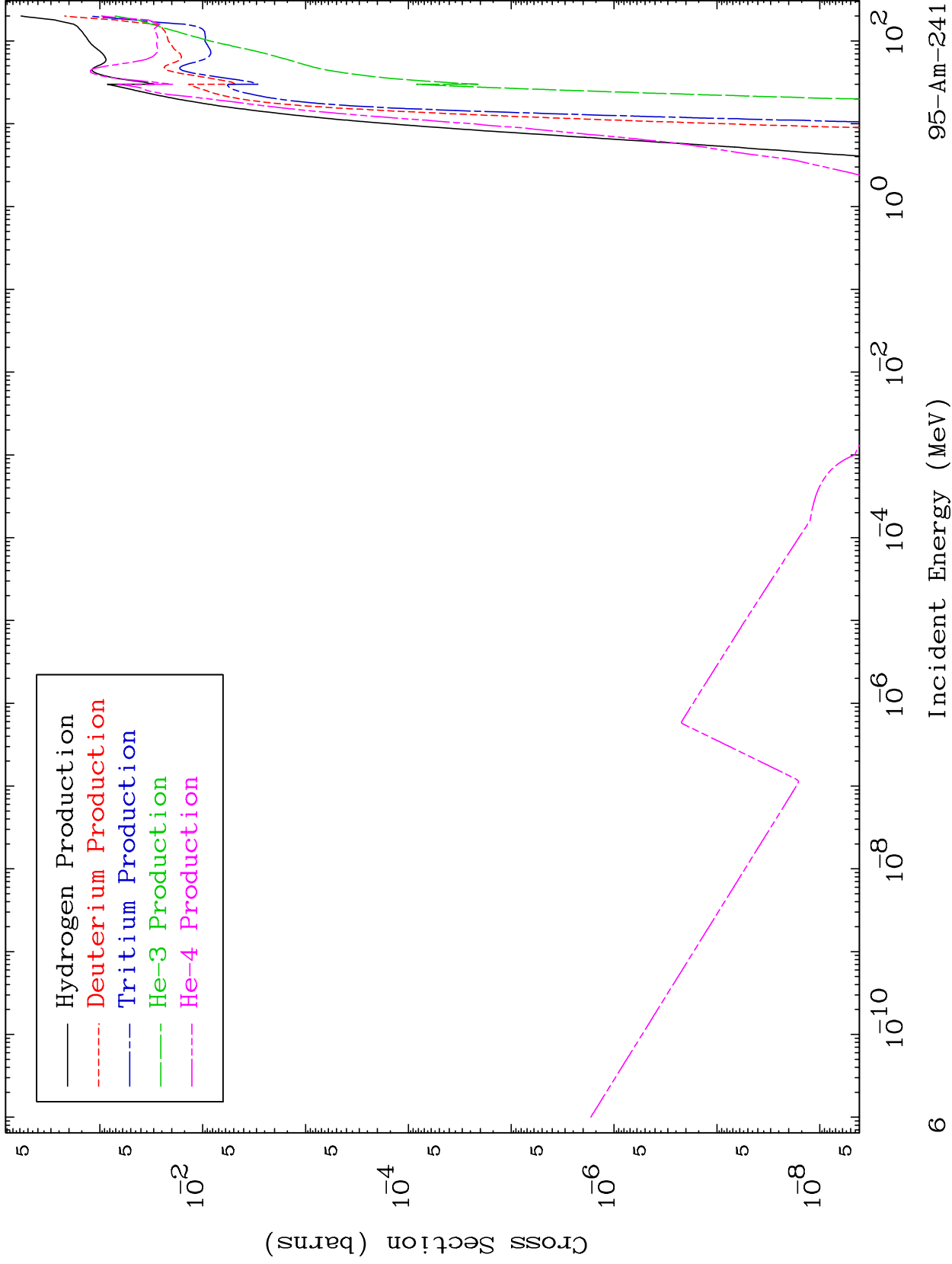




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Particle Production  
293 Kelvin Cross Sections

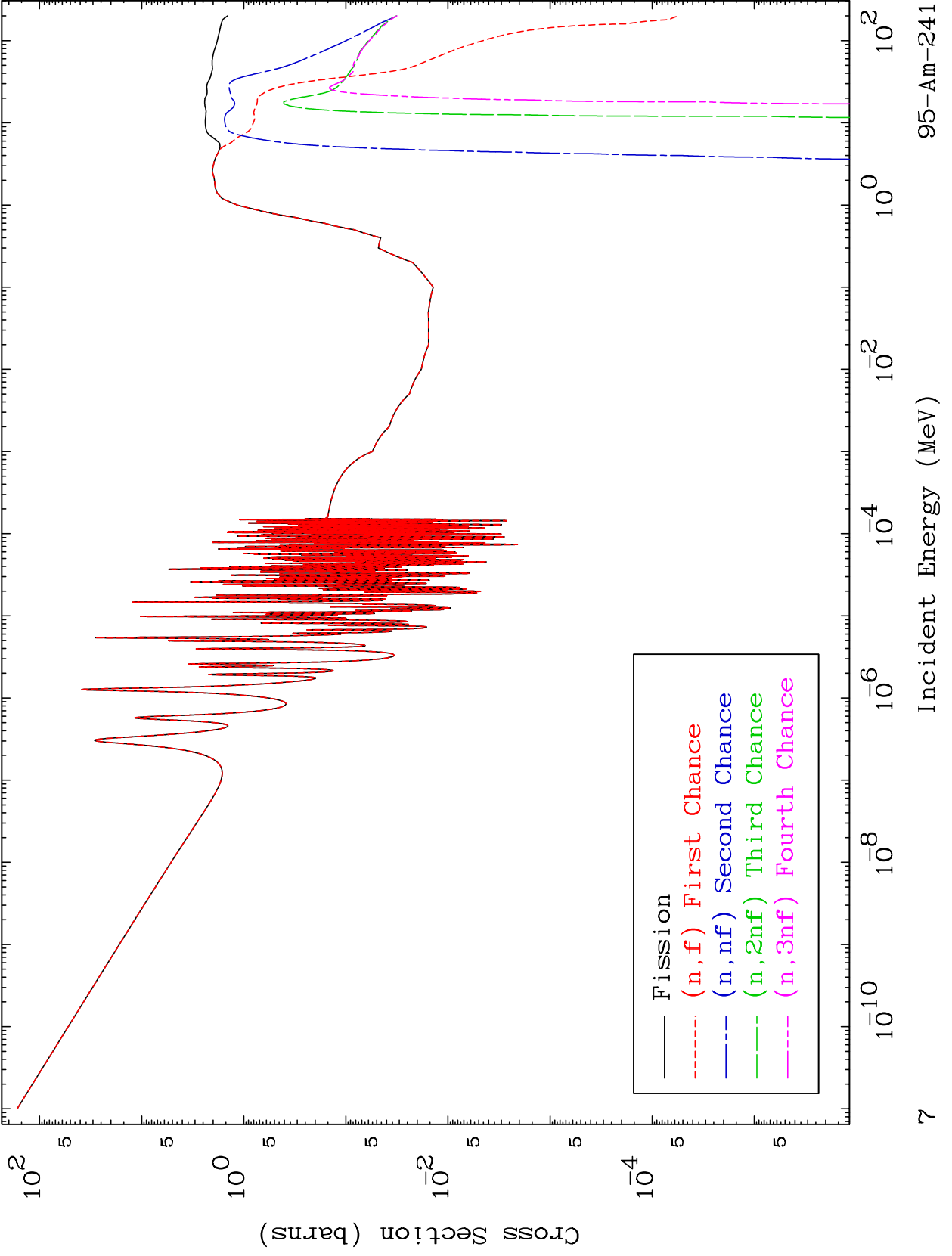
95-Am-241



MAT 9543

Fission  
293 Kelvin Cross Sections

95-Am-241



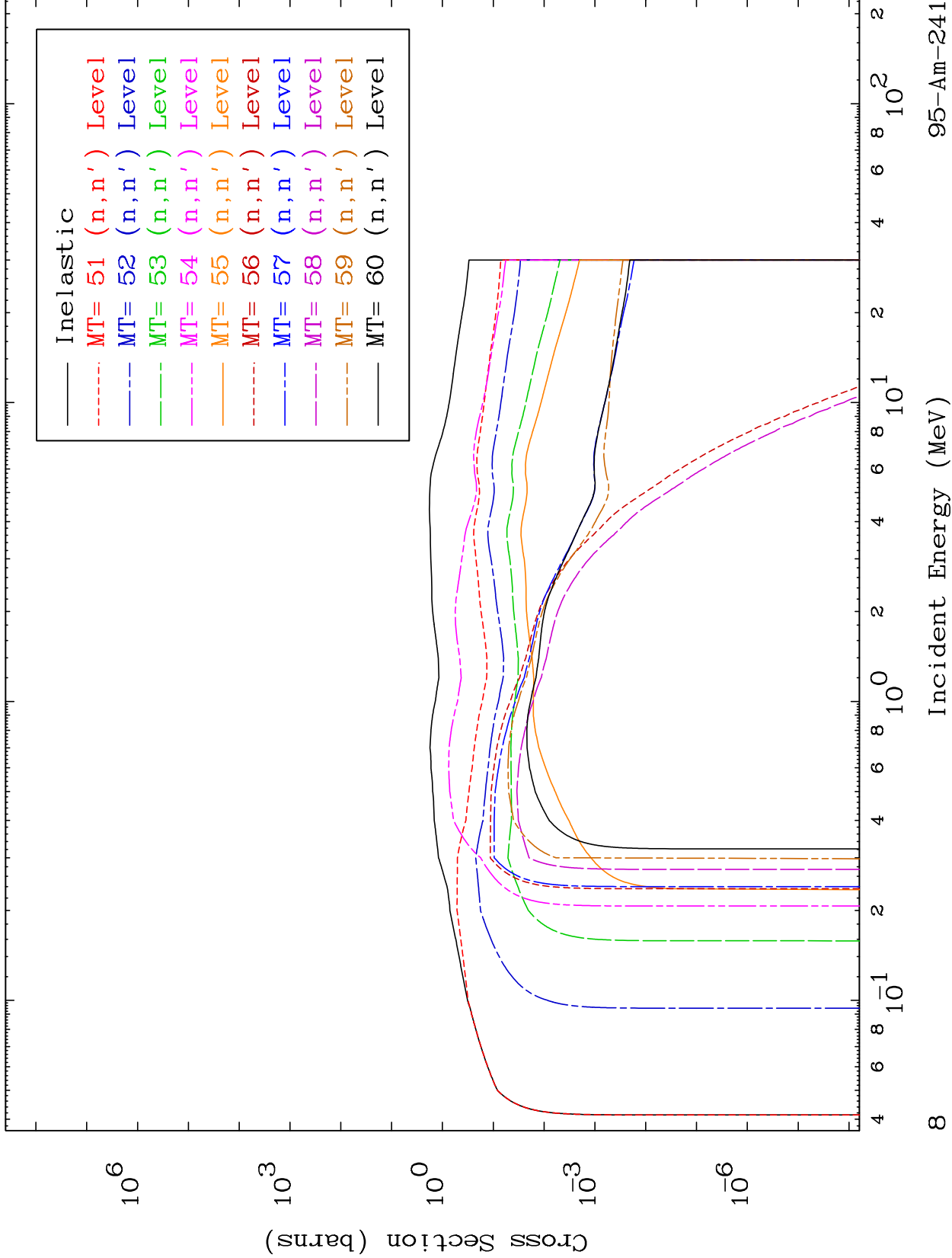


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(n,n') Level

95-Am-241

293 Kelvin Cross Sections

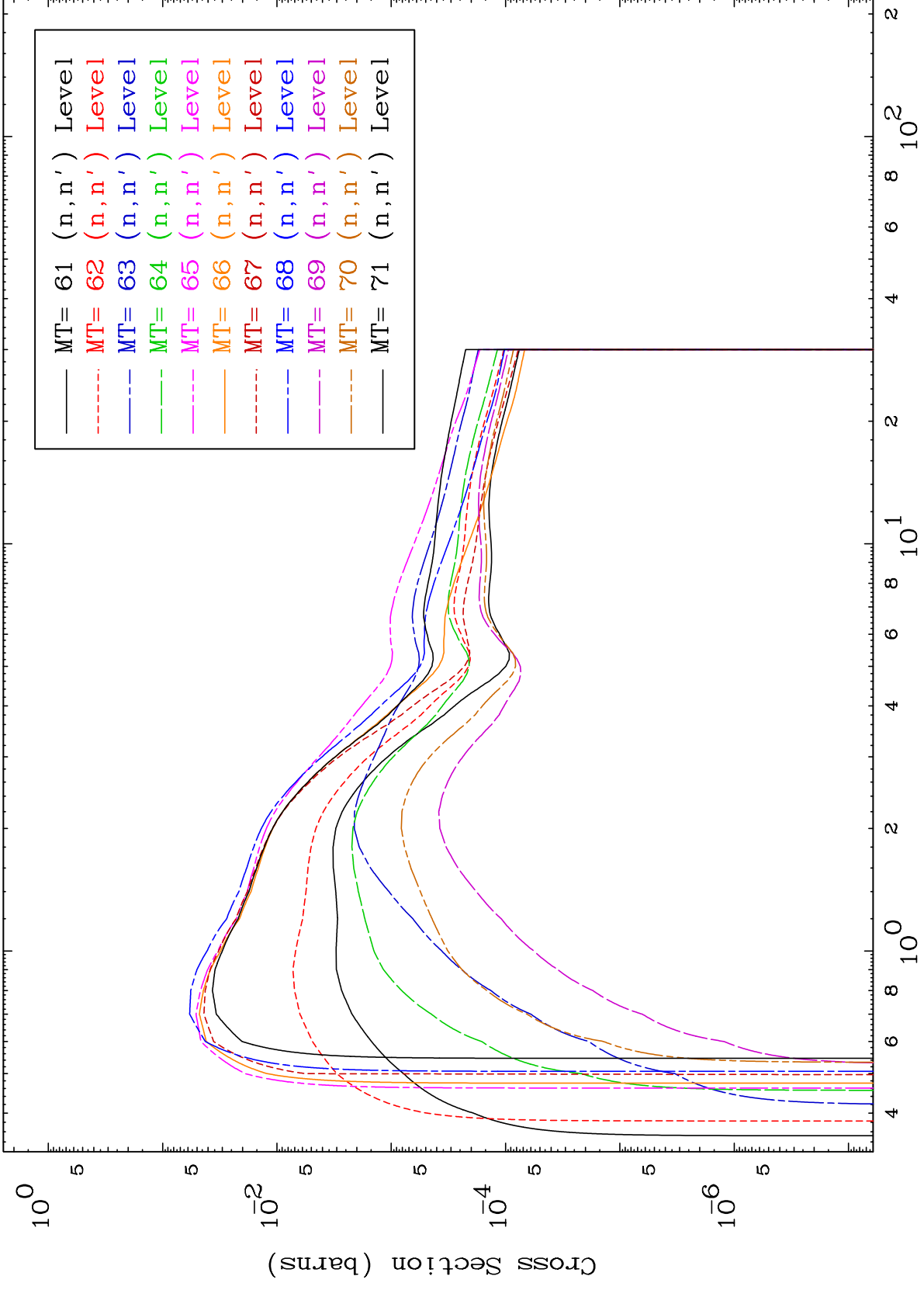


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(n,n') Level

293 Kelvin Cross Sections

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Incident Energy (MeV)

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MAT 9543

(n,n') Level

95-Am-241

293 Kelvin Cross Sections

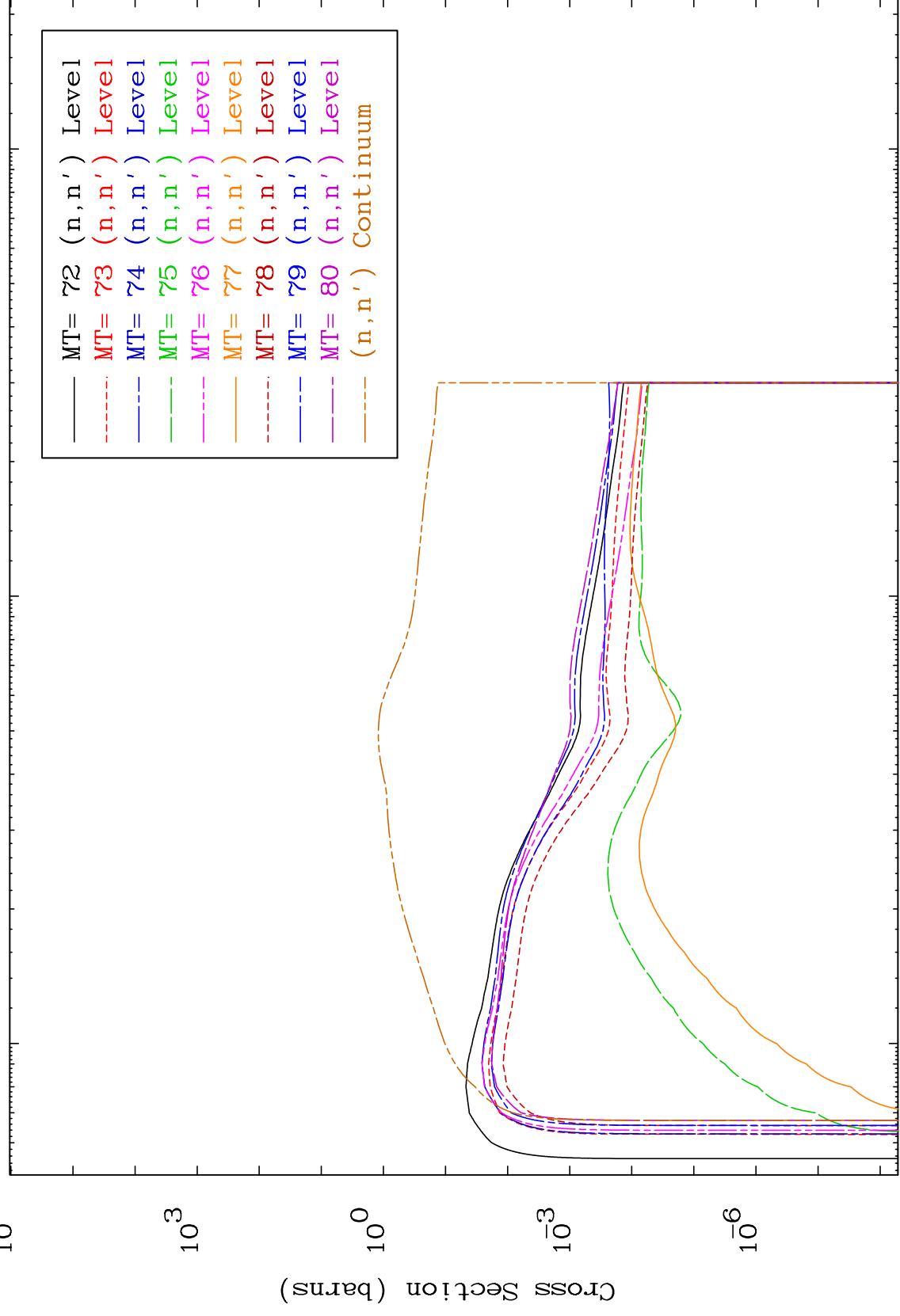
$10^6$

$10^3$

$10^0$

$10^{-3}$

$10^{-6}$



10

6

8

10<sup>0</sup>

2

4

6

8

10<sup>1</sup>

2

4

6

8

10<sup>2</sup>

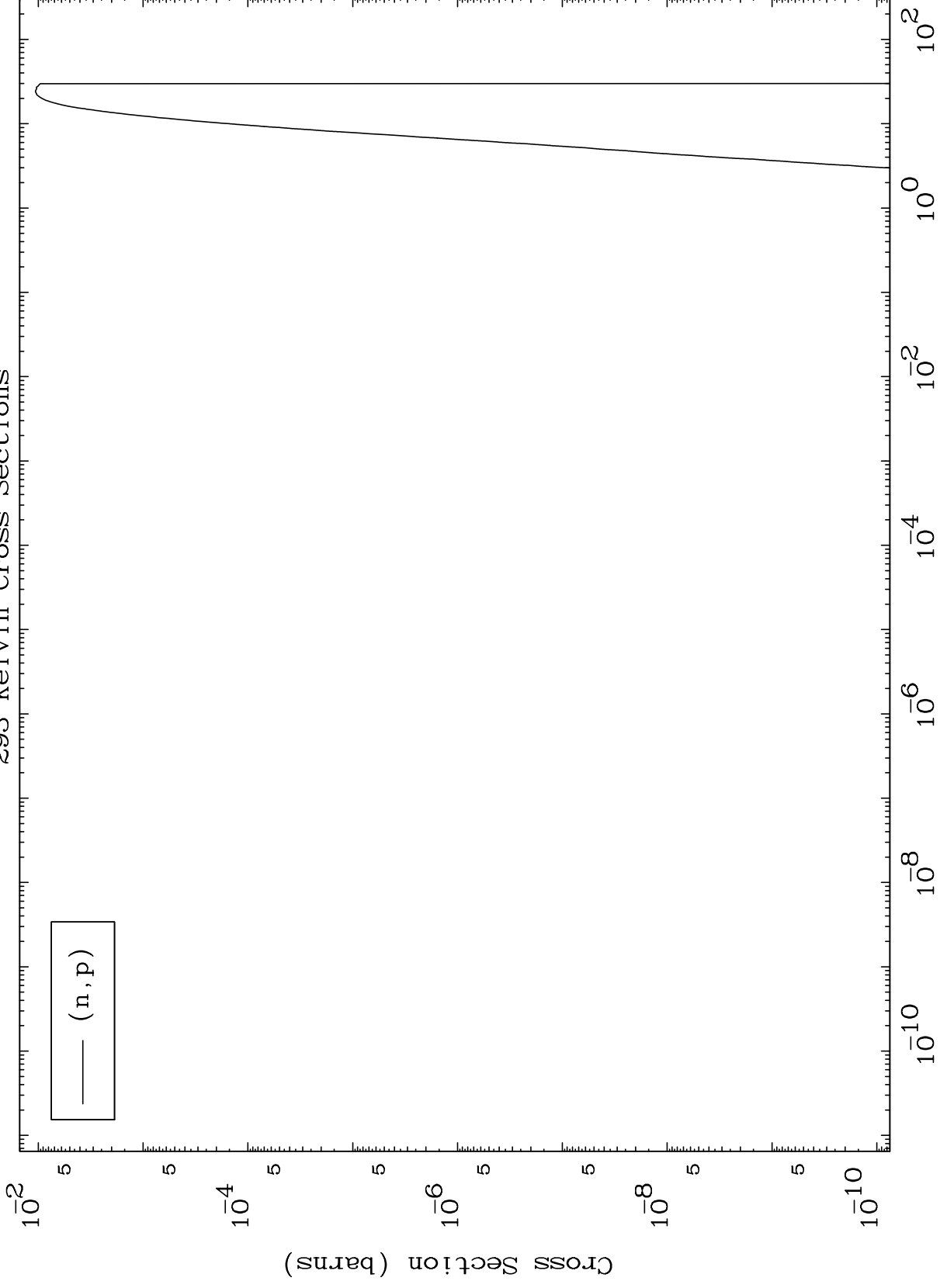
2

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(n,p) Levels  
293 Kelvin Cross Sections

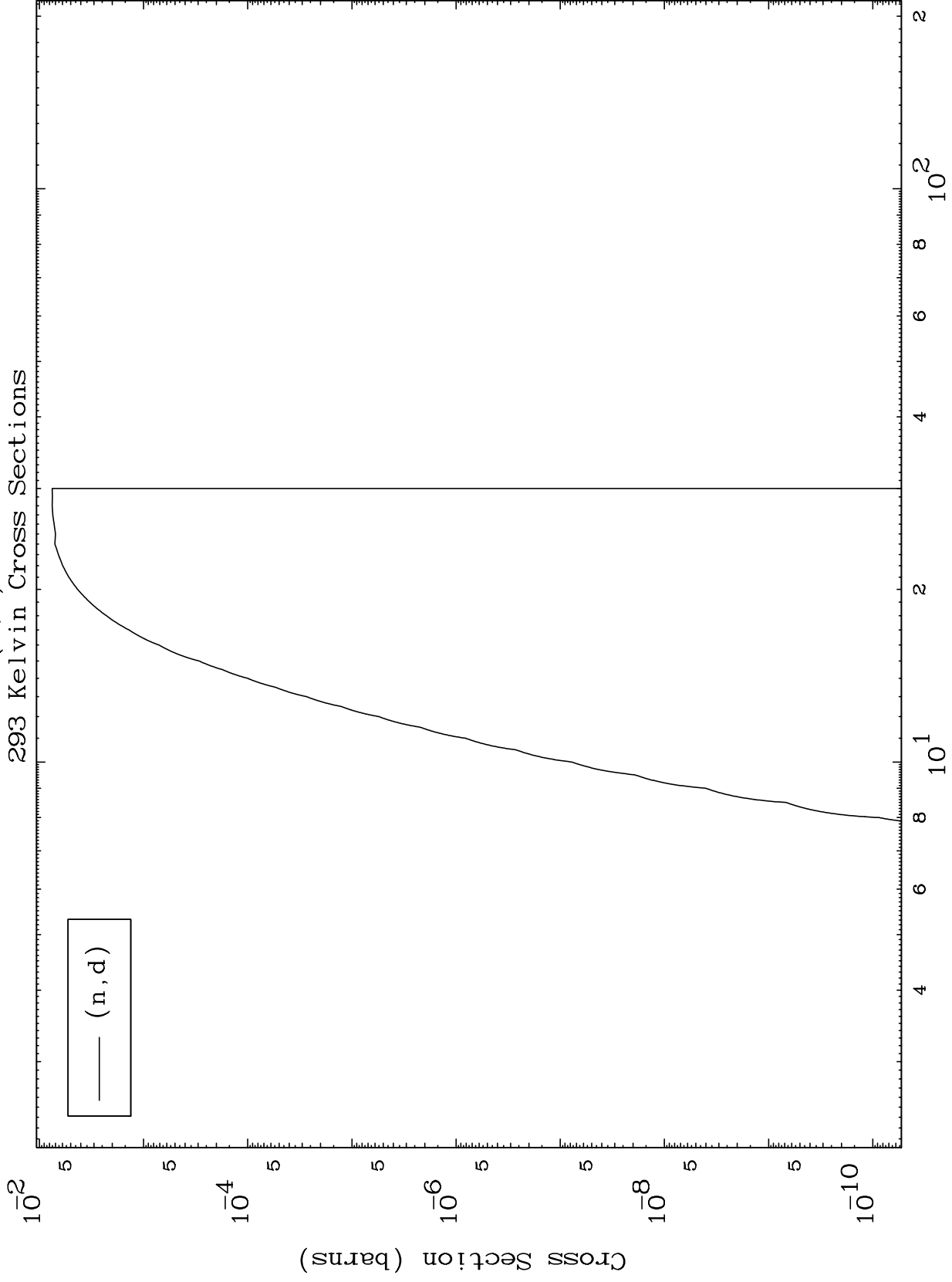
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(n,d) Levels  
293 Kelvin Cross Sections

95-Am-241



12

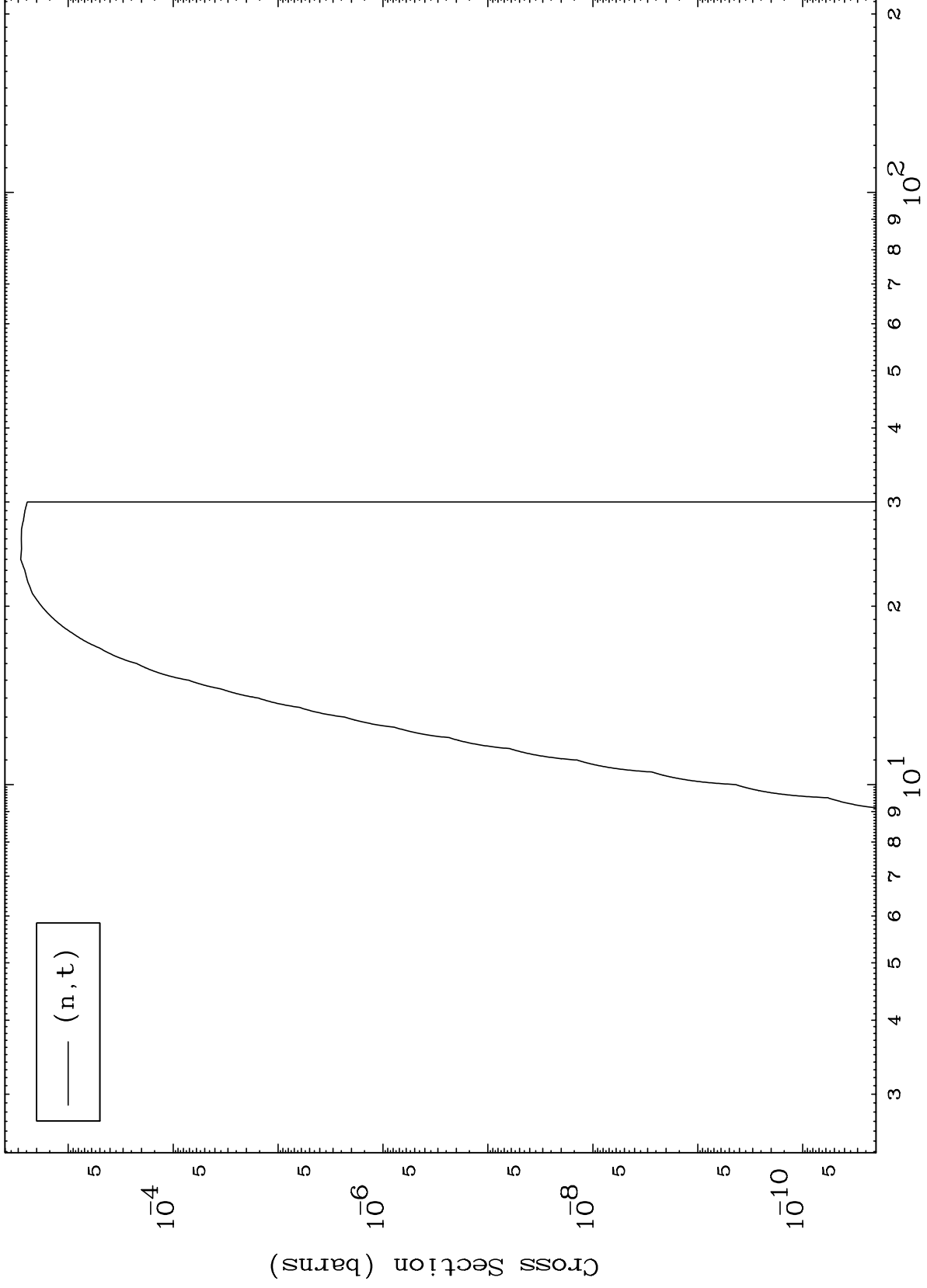
Incident Energy (MeV)

95-Am-241

MAT 9543

(n,t) Levels  
293 Kelvin Cross Sections

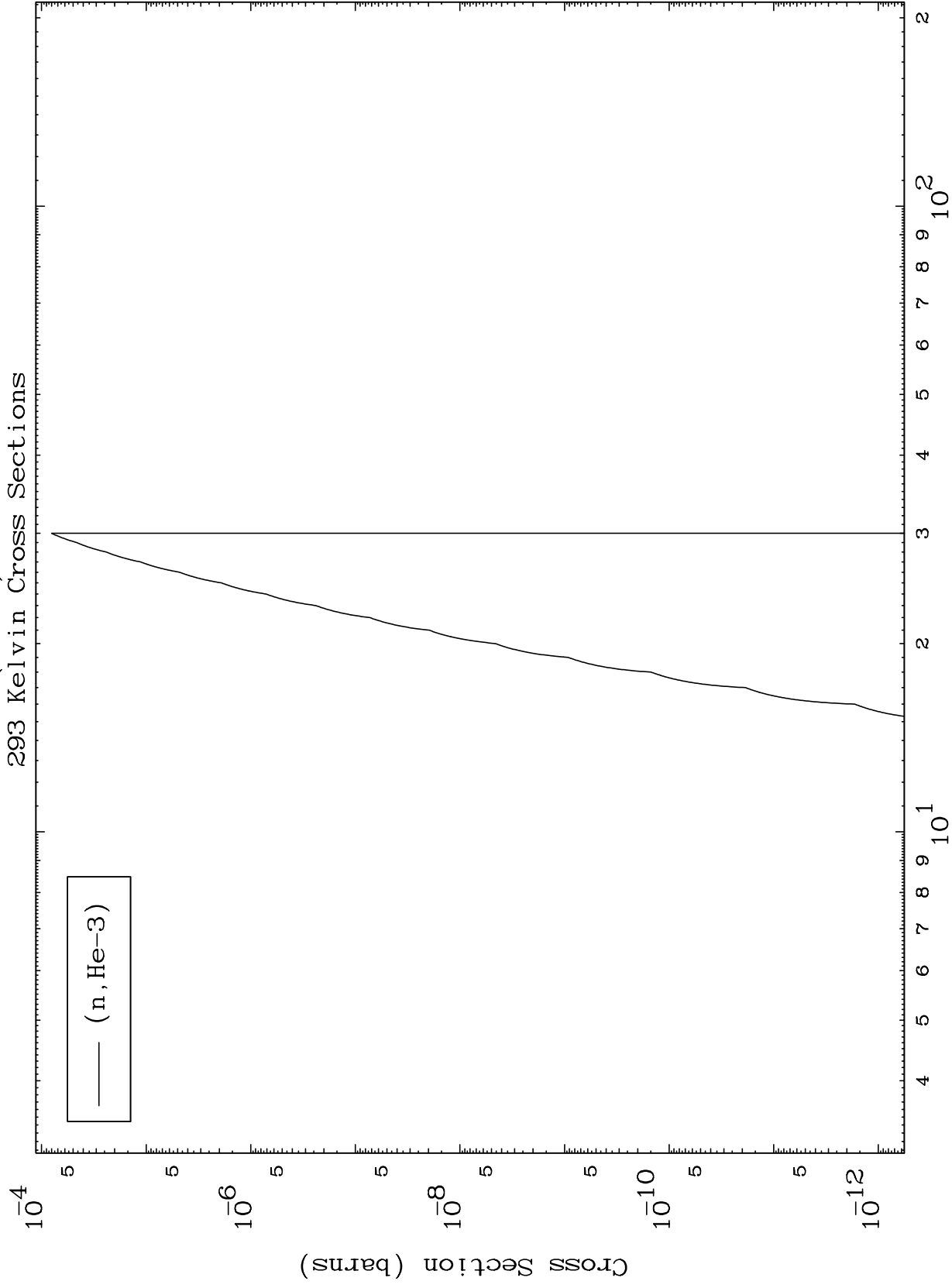
95-Am-241



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(n,He3) Levels  
293 Kelvin Cross Sections

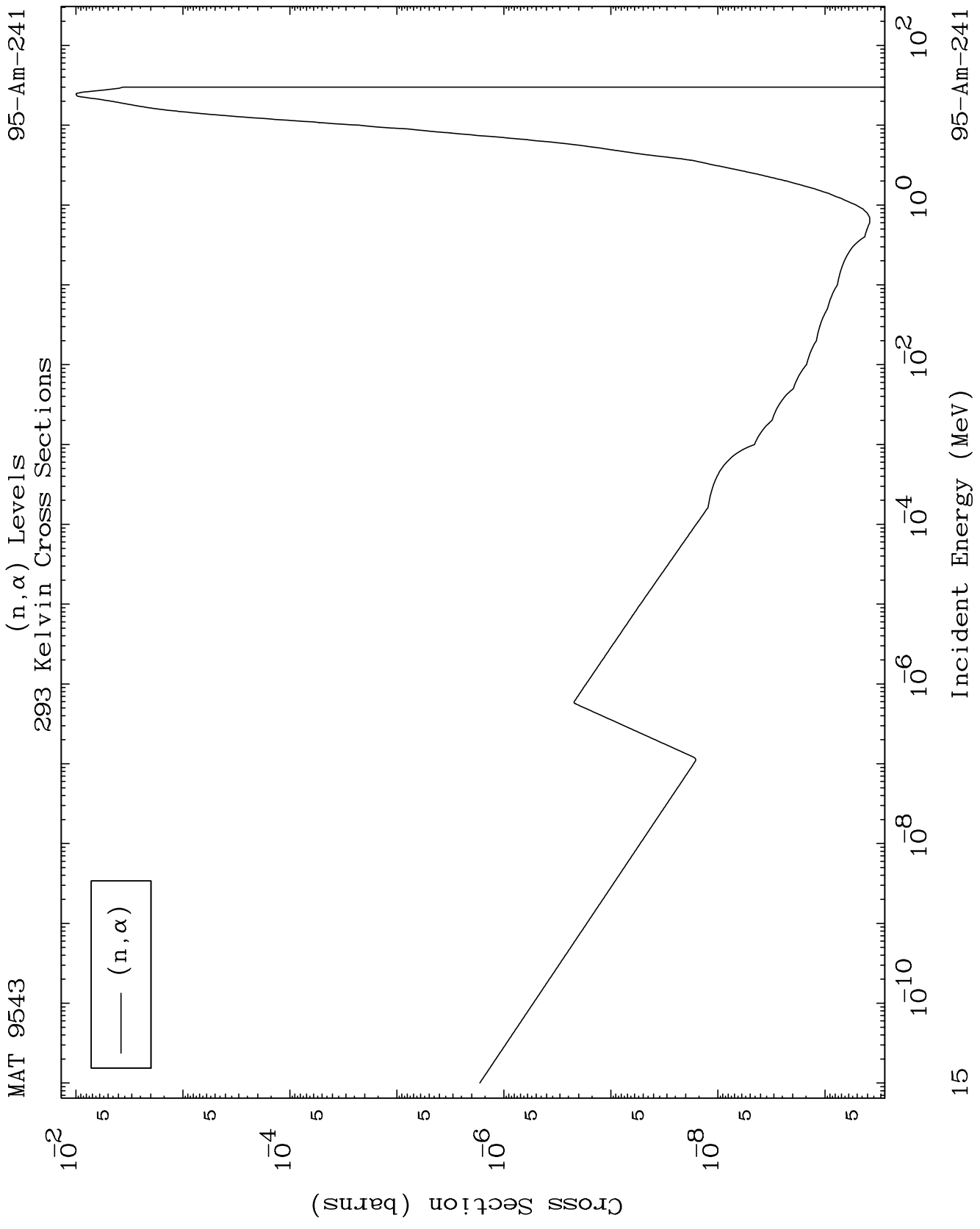
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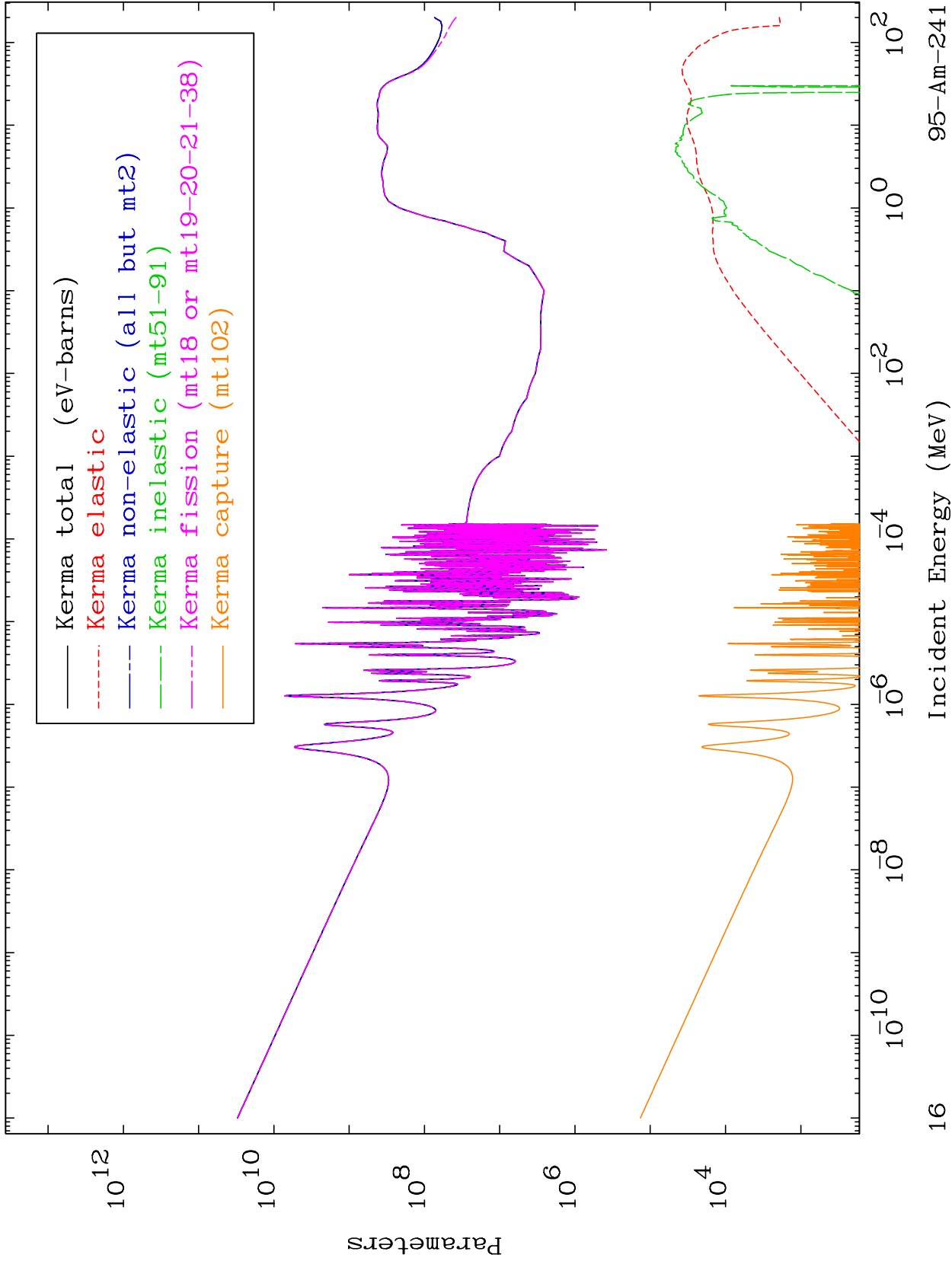
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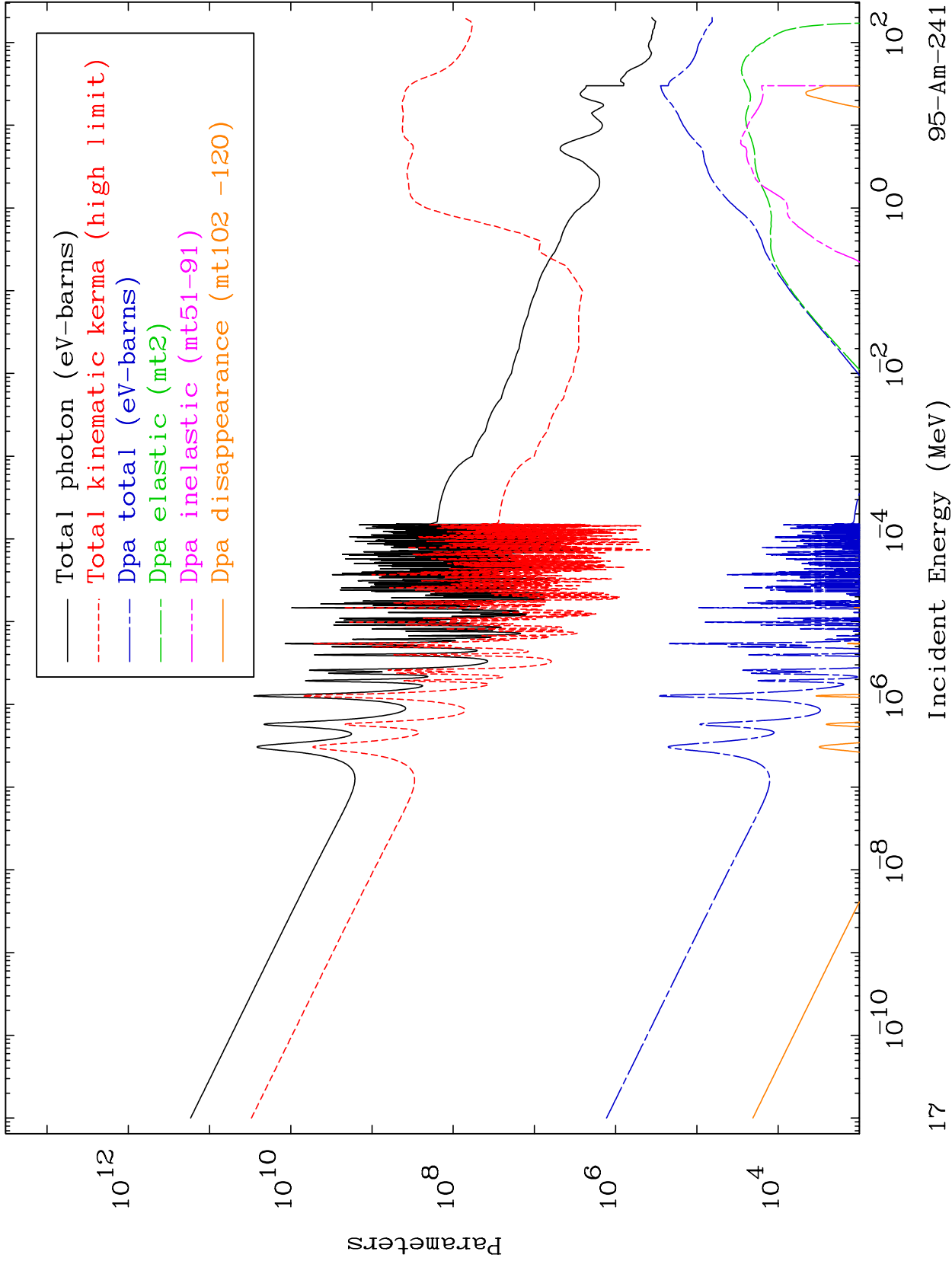
Incident Energy (MeV)

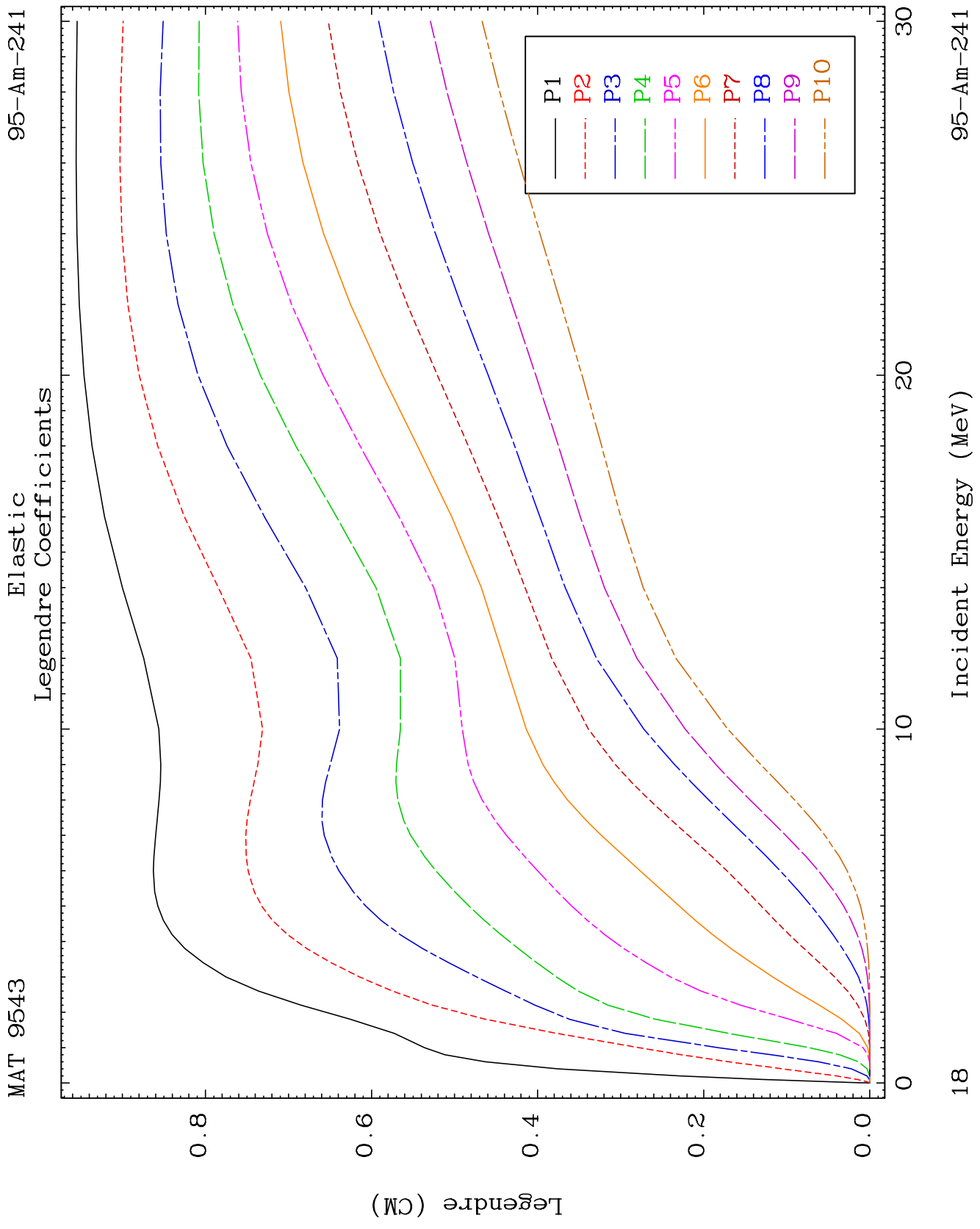
95-Am-241







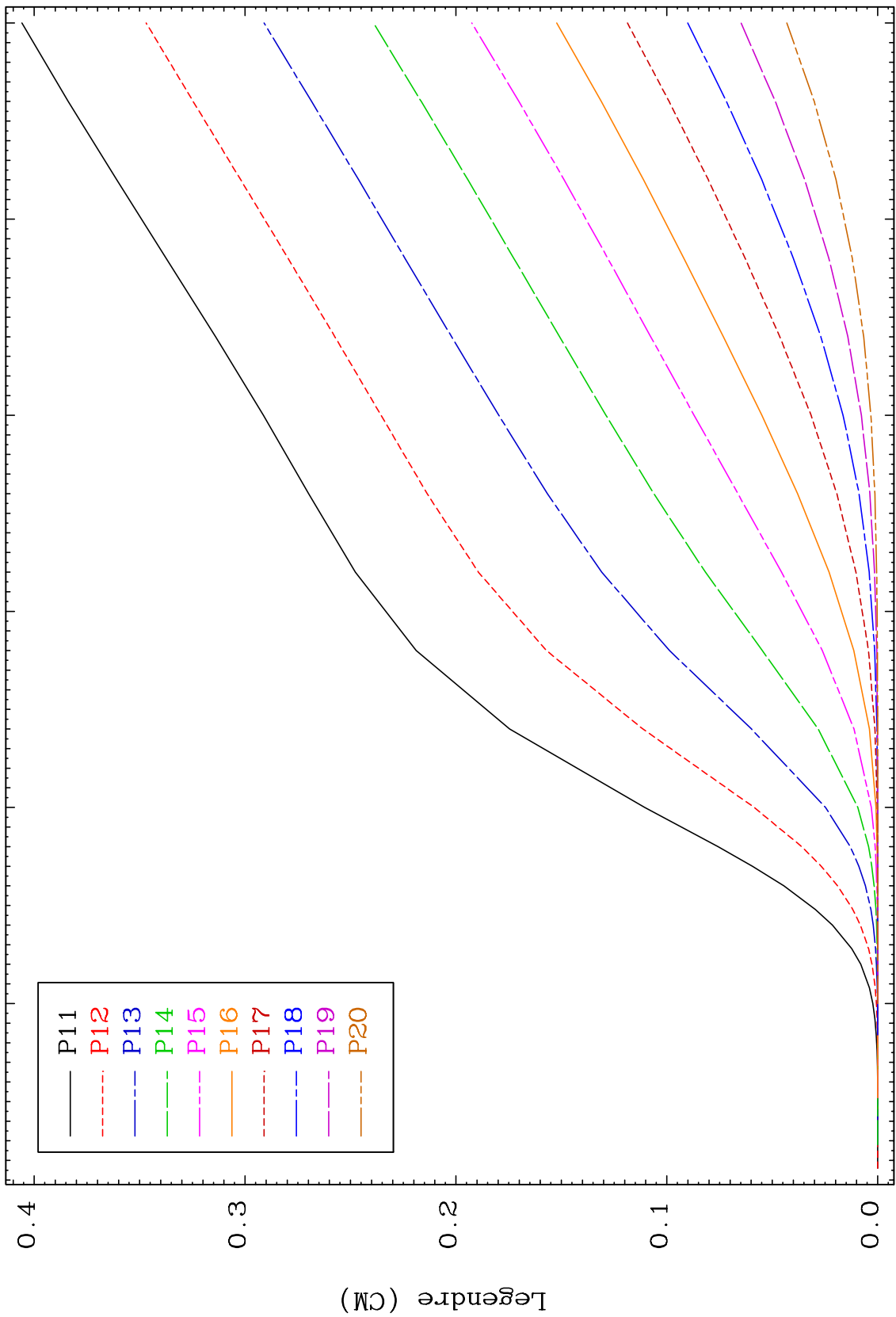




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Elastic Legendre Coefficients

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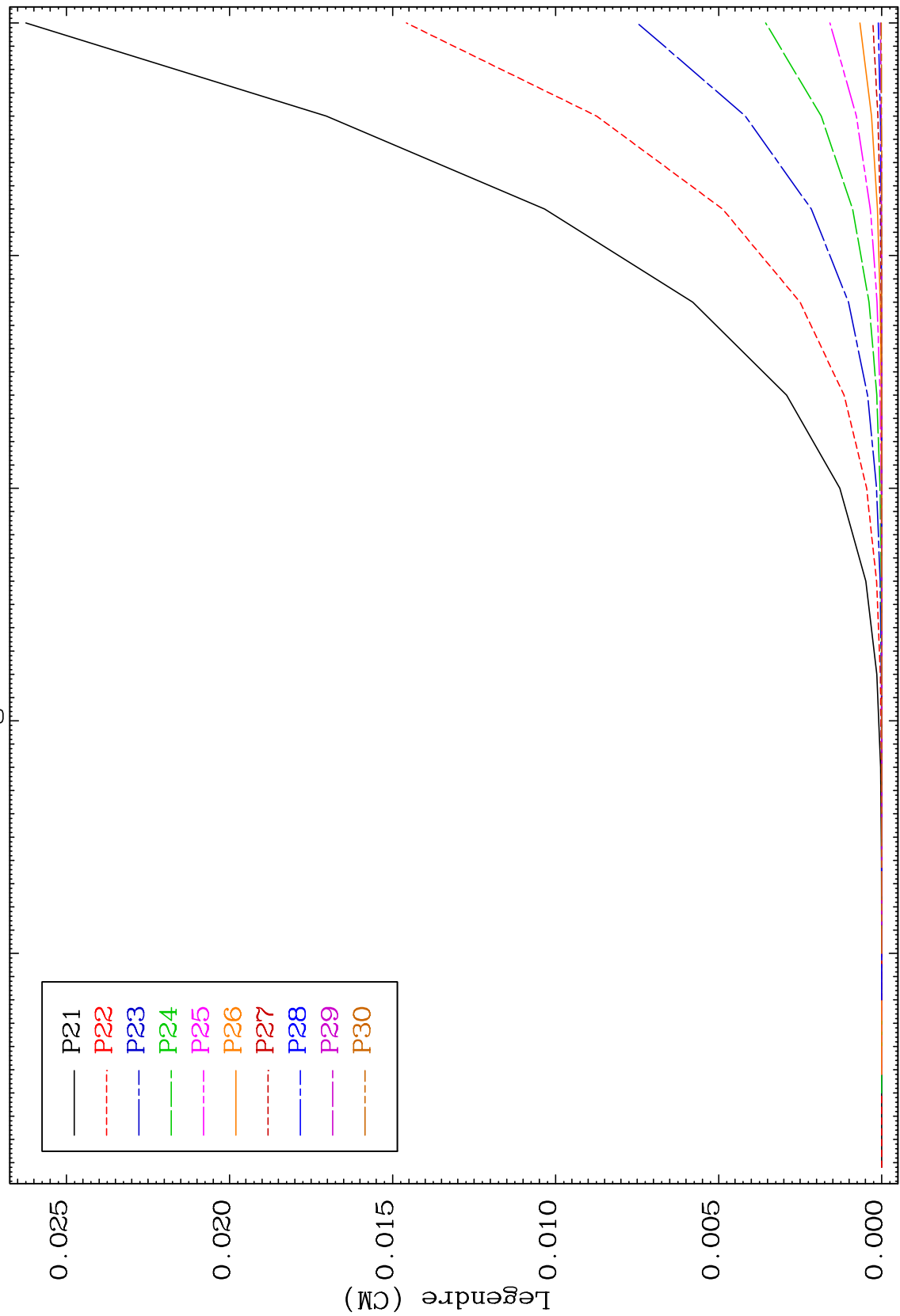
95-Am-241

Incident Energy (MeV)

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Elastic Legendre Coefficients

95-Am-241



20

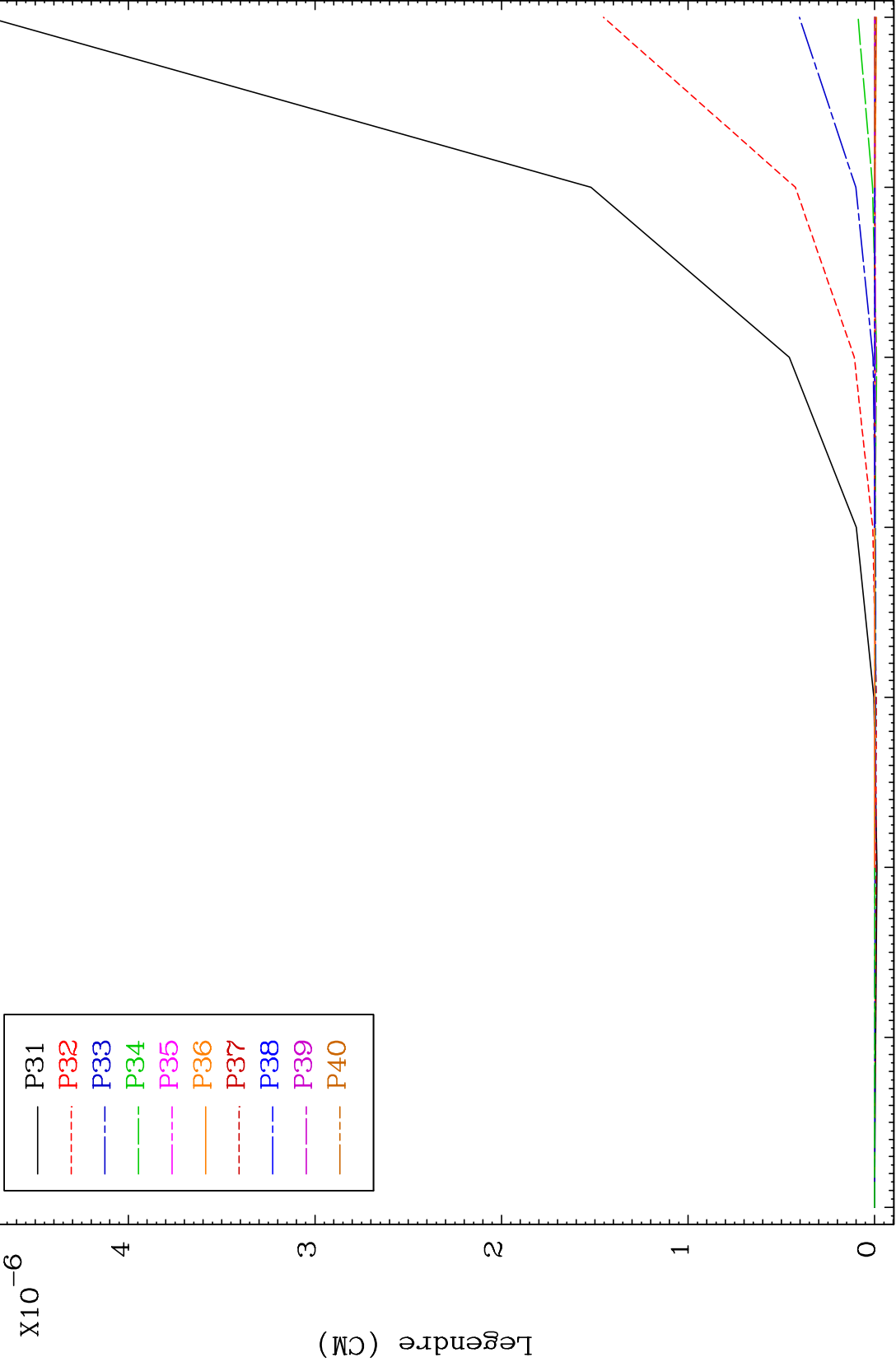
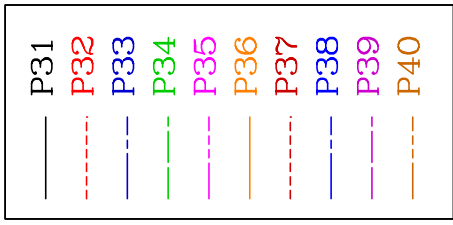
Incident Energy (MeV)

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Elastic Legendre Coefficients

95-Am-241



21

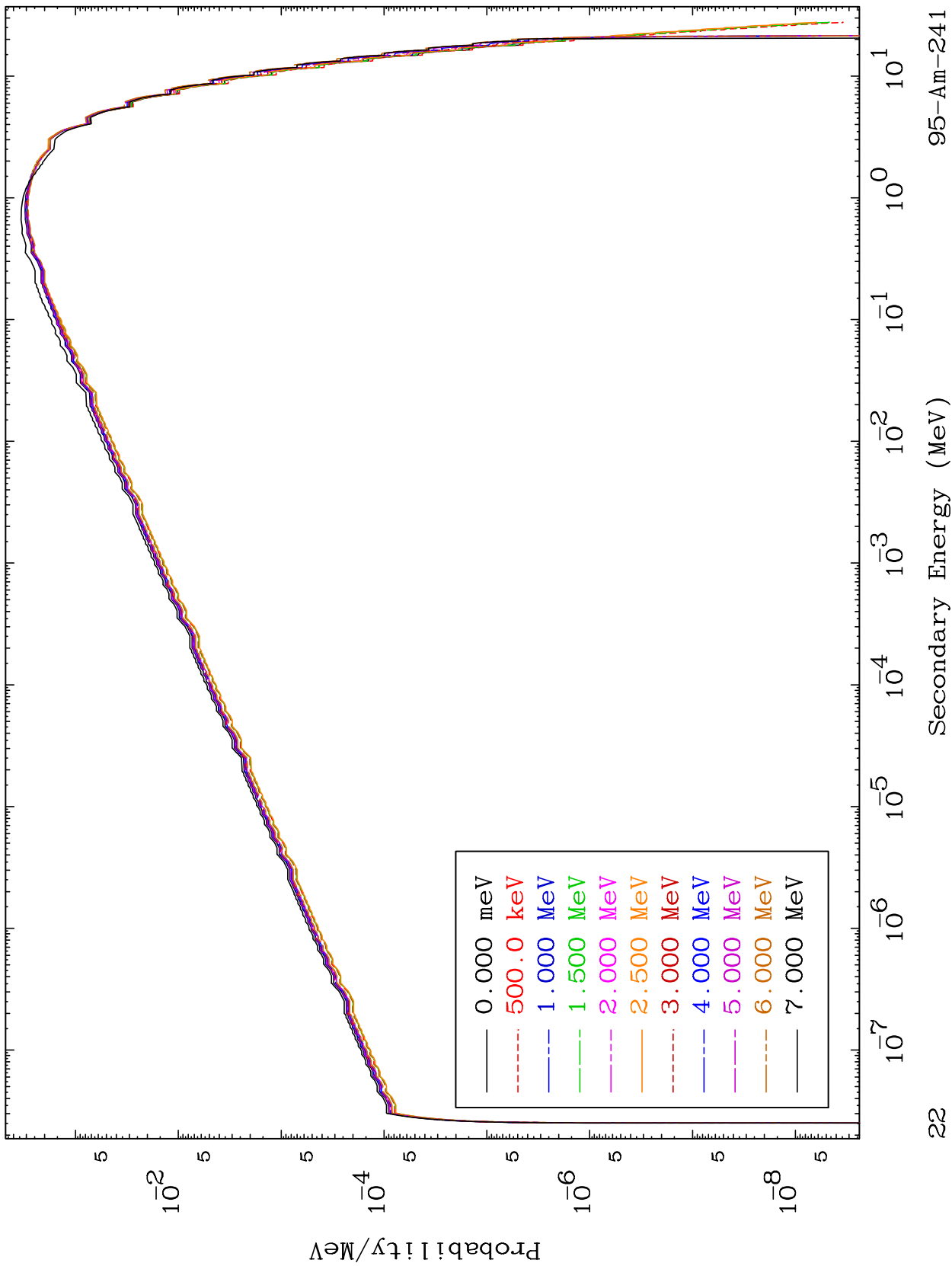
Incident Energy (MeV)

95-Am-241

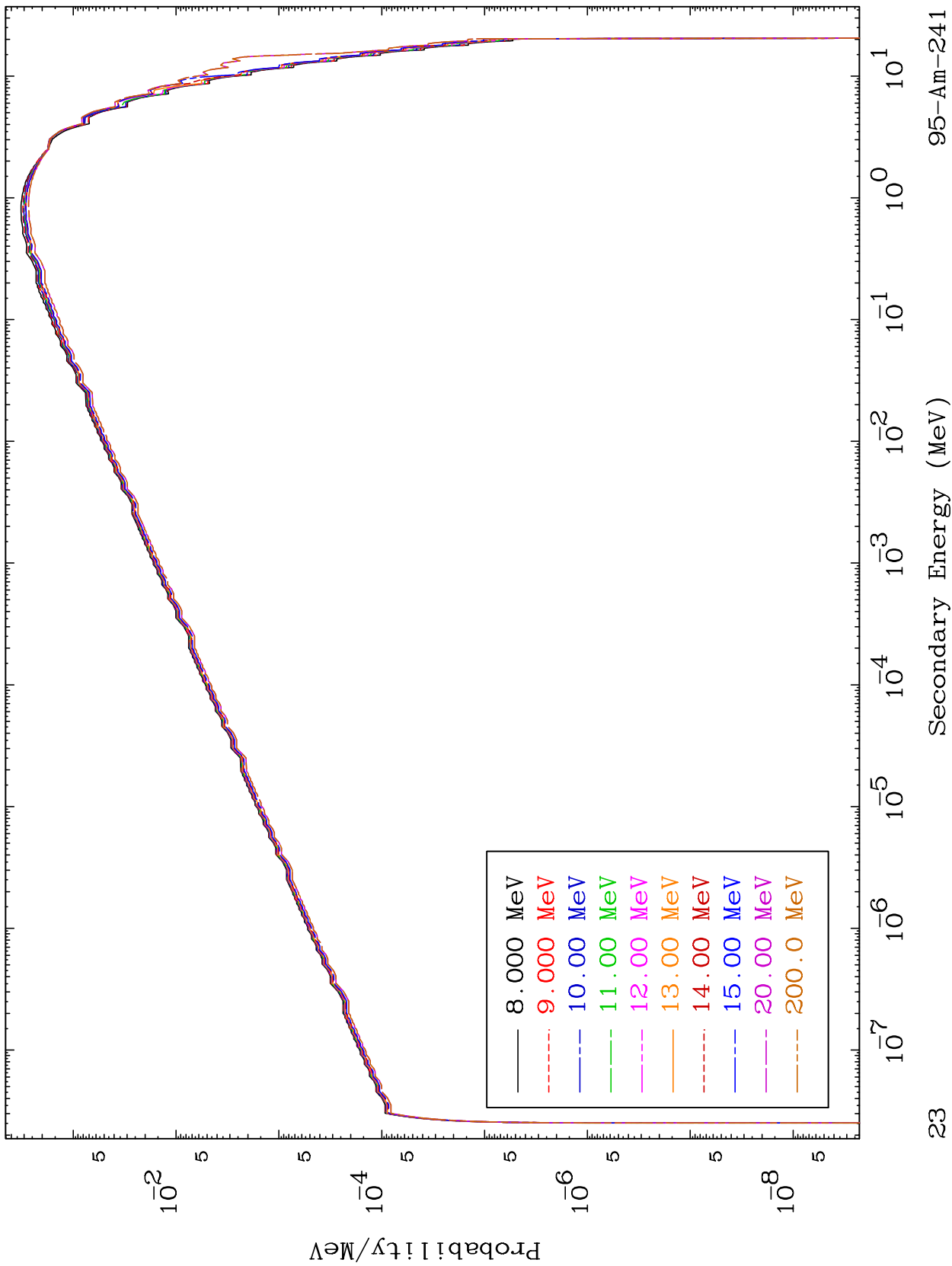
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Fission Energy Distribution

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Fission  
Energy Distribution



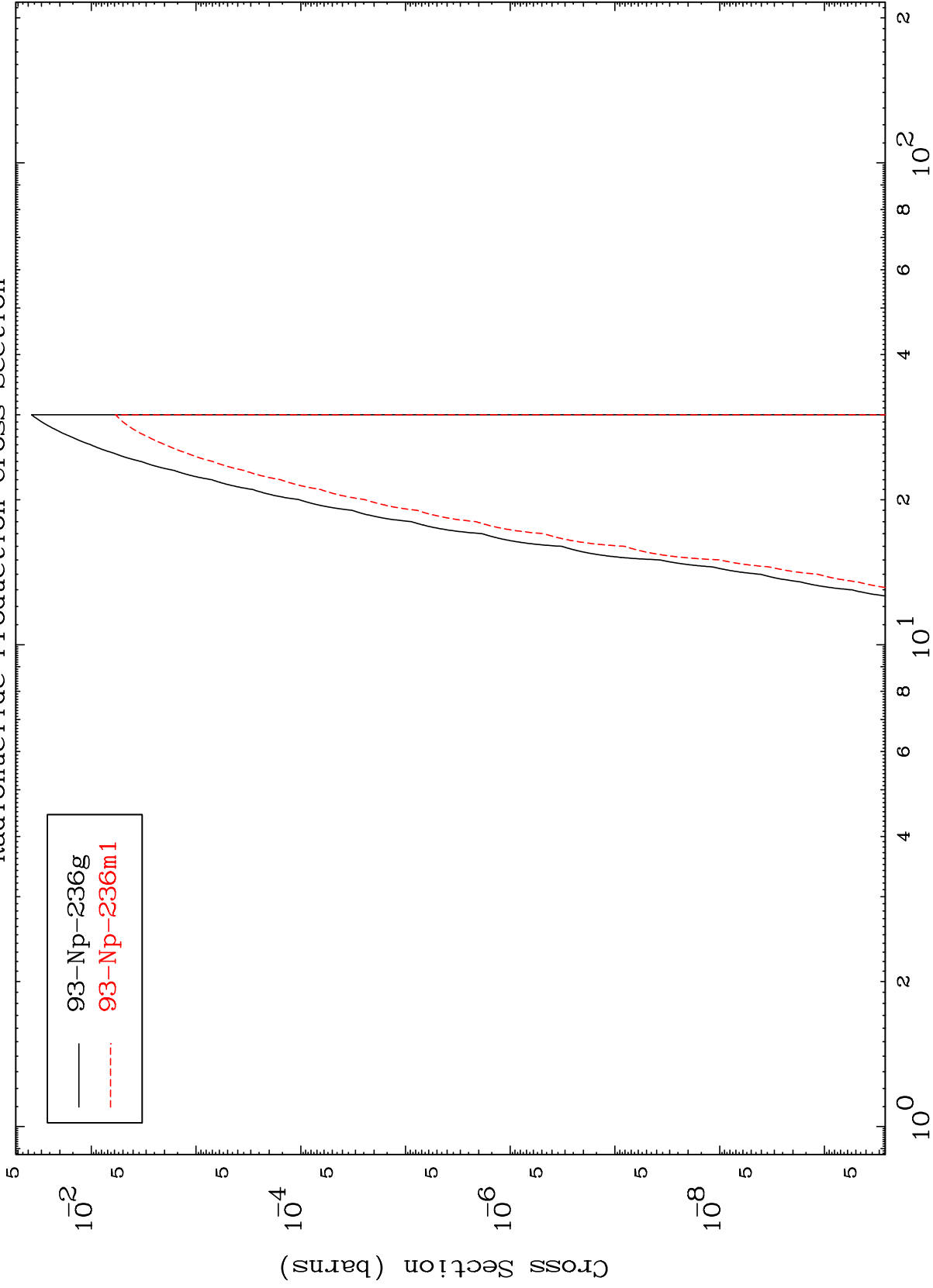


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(n,2n)  $\alpha$

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Radionuclide Production Cross Section



24

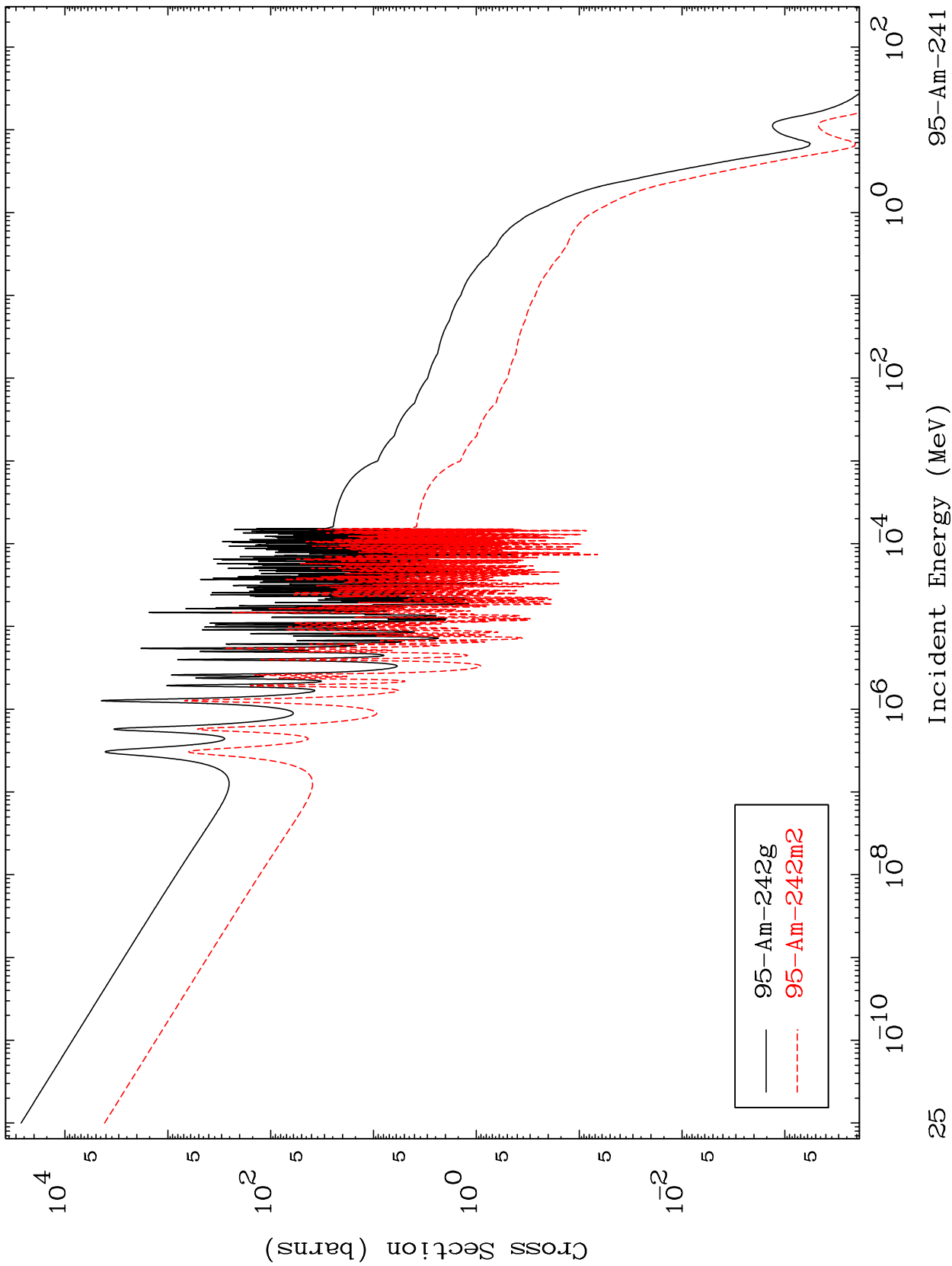
Incident Energy (MeV)

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(n,  $\gamma$ )  
Radionuclide Production Cross Section



25

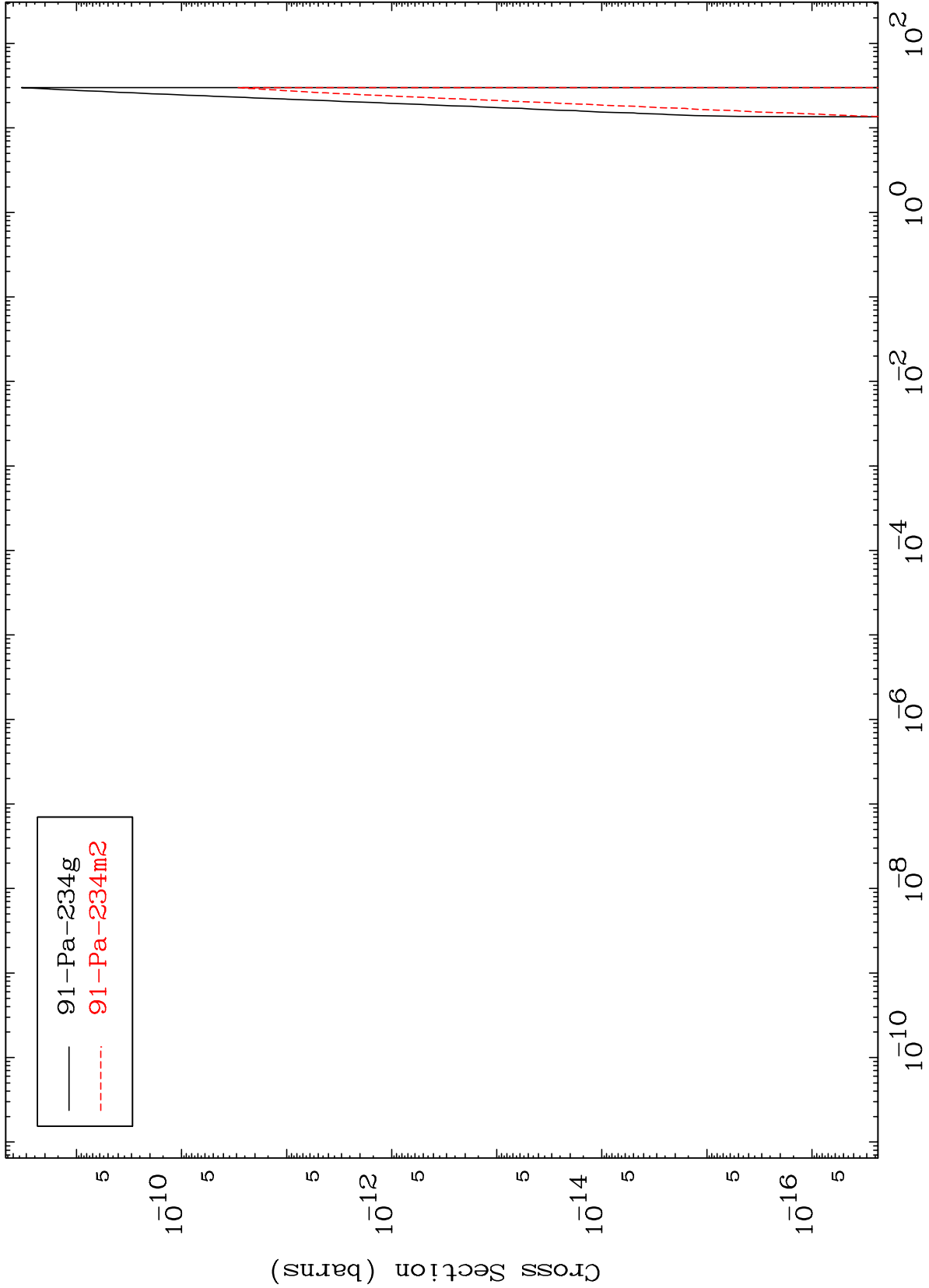
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(n,2α)

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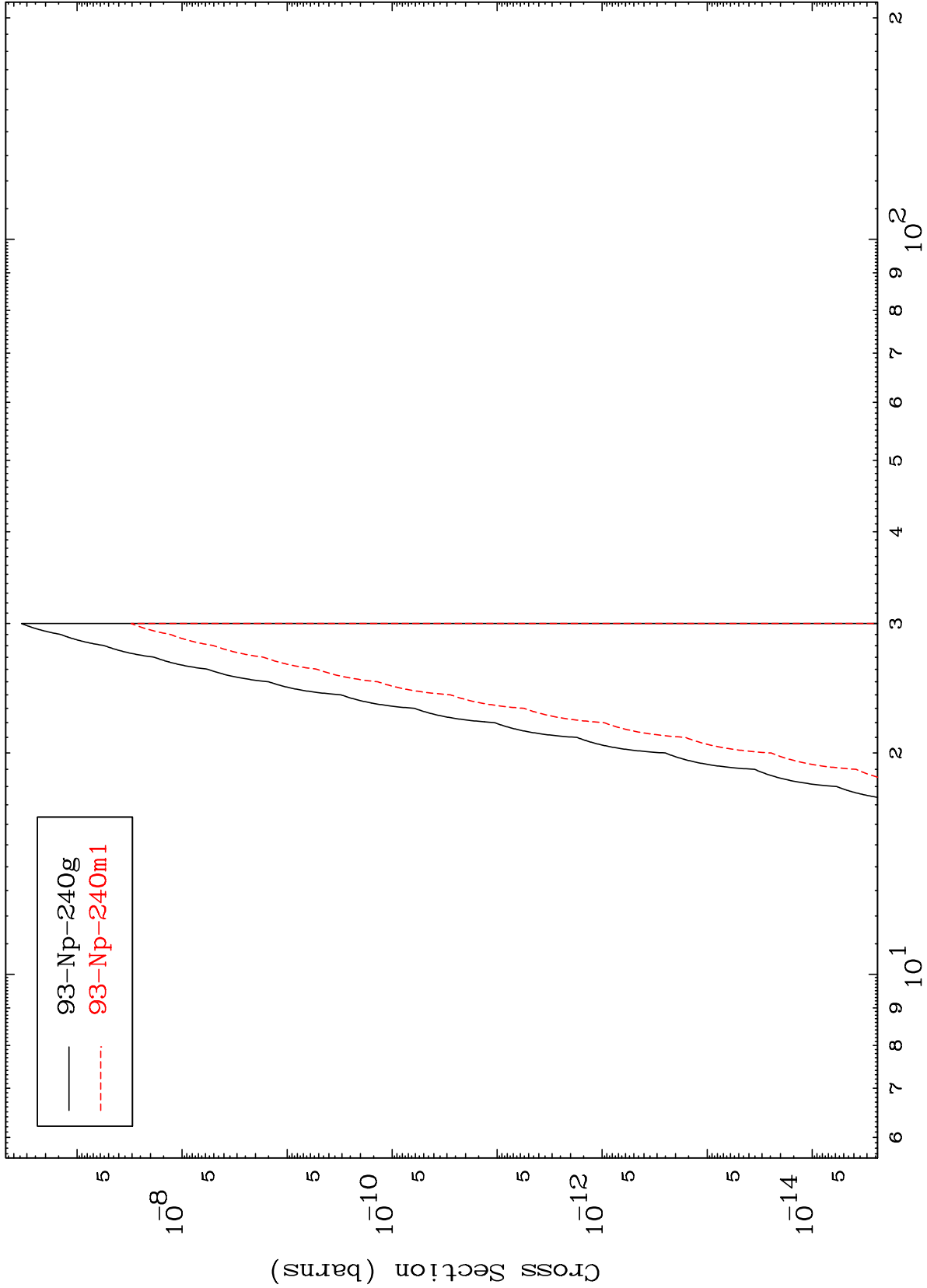
Radionuclide Production Cross Section



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(n,2p)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

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