

Program EVALPLOT
(Version 2015-2)

by

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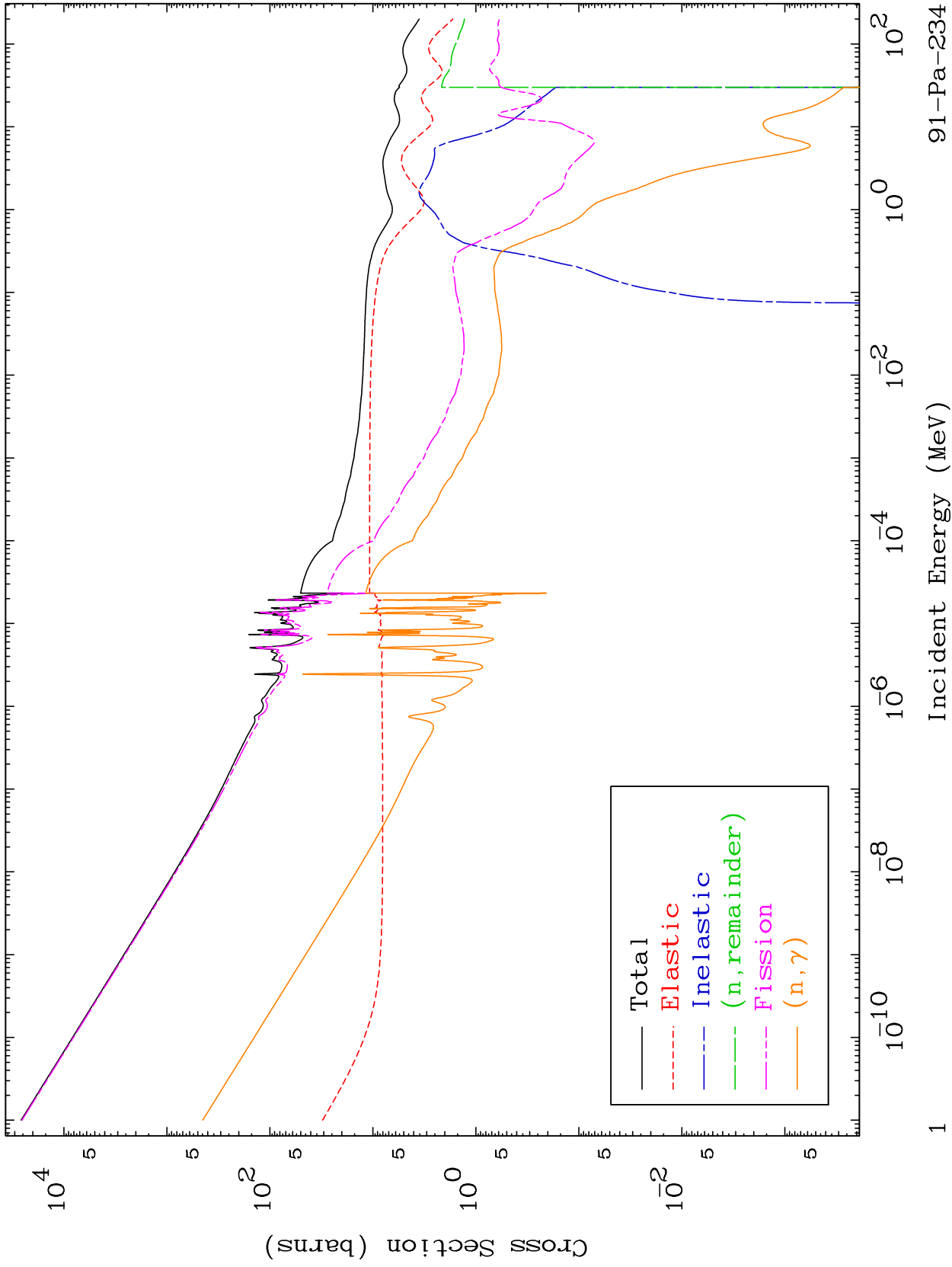
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9140

Major
293 Kelvin Cross Sections

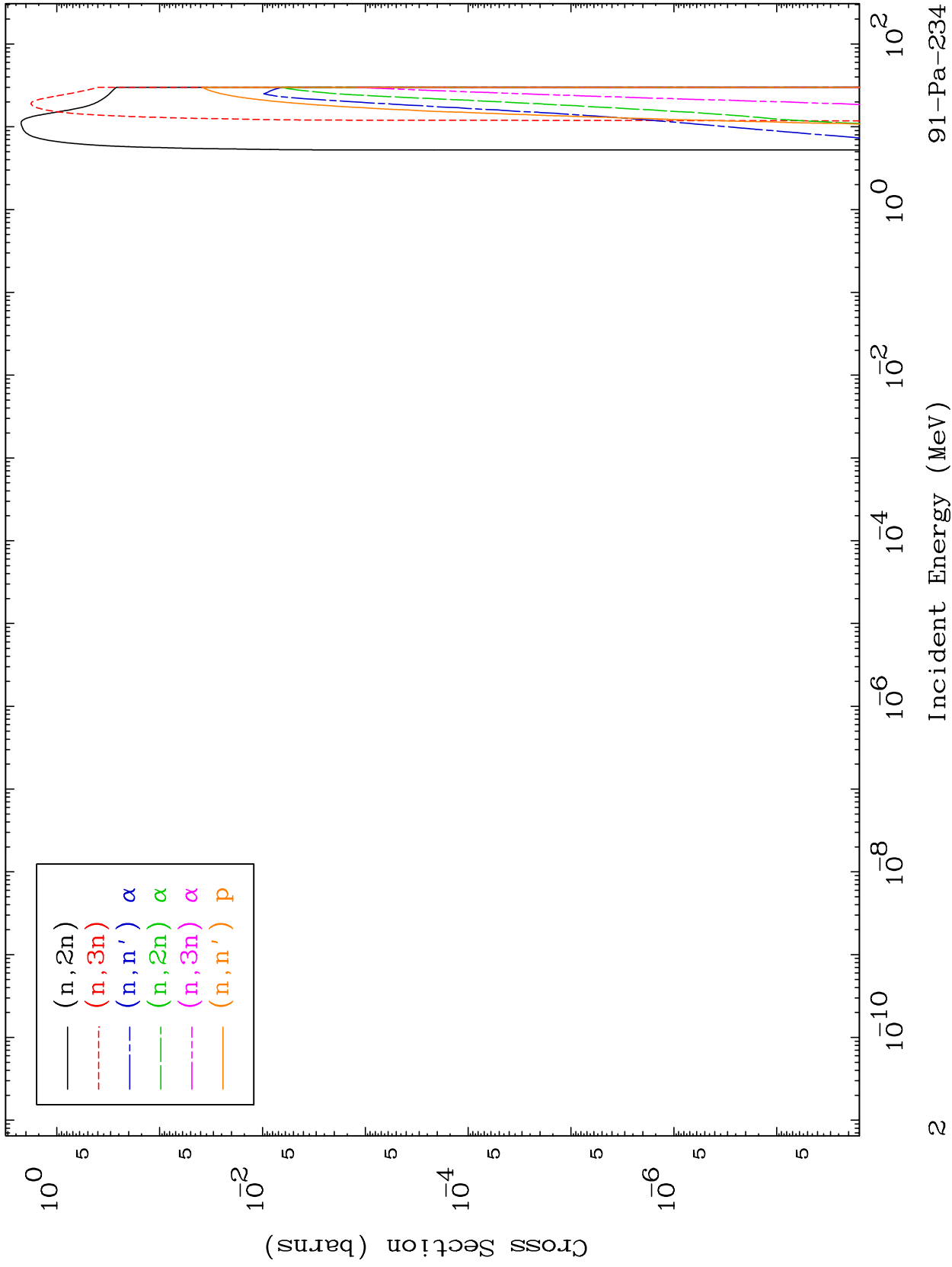
91-Pa-234



MAT 9140

Neutron Production
293 Kelvin Cross Sections

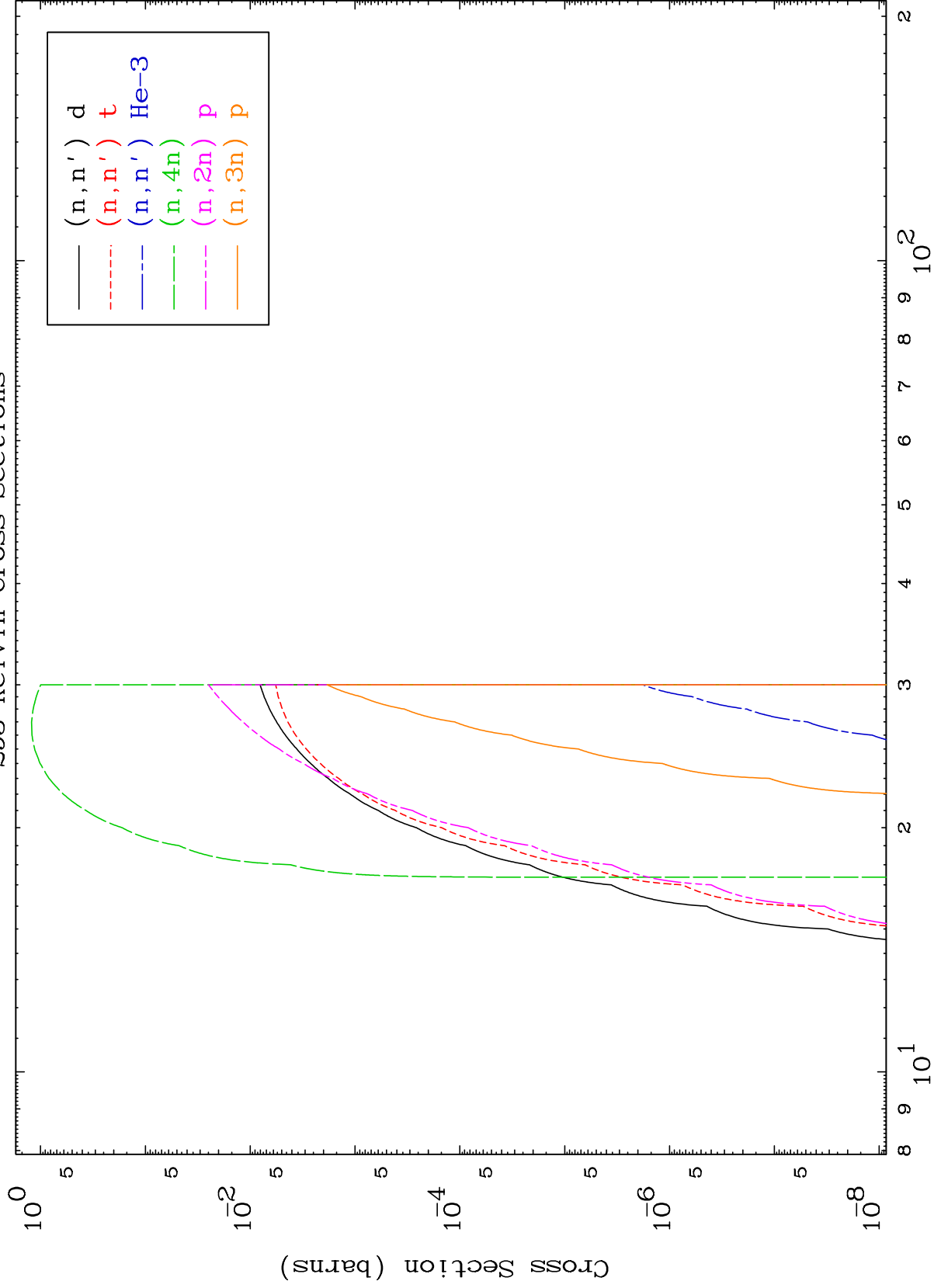
91-Pa-234



MAT 9140

Neutron Production
293 Kelvin Cross Sections

91-Pa-234



91-Pa-234

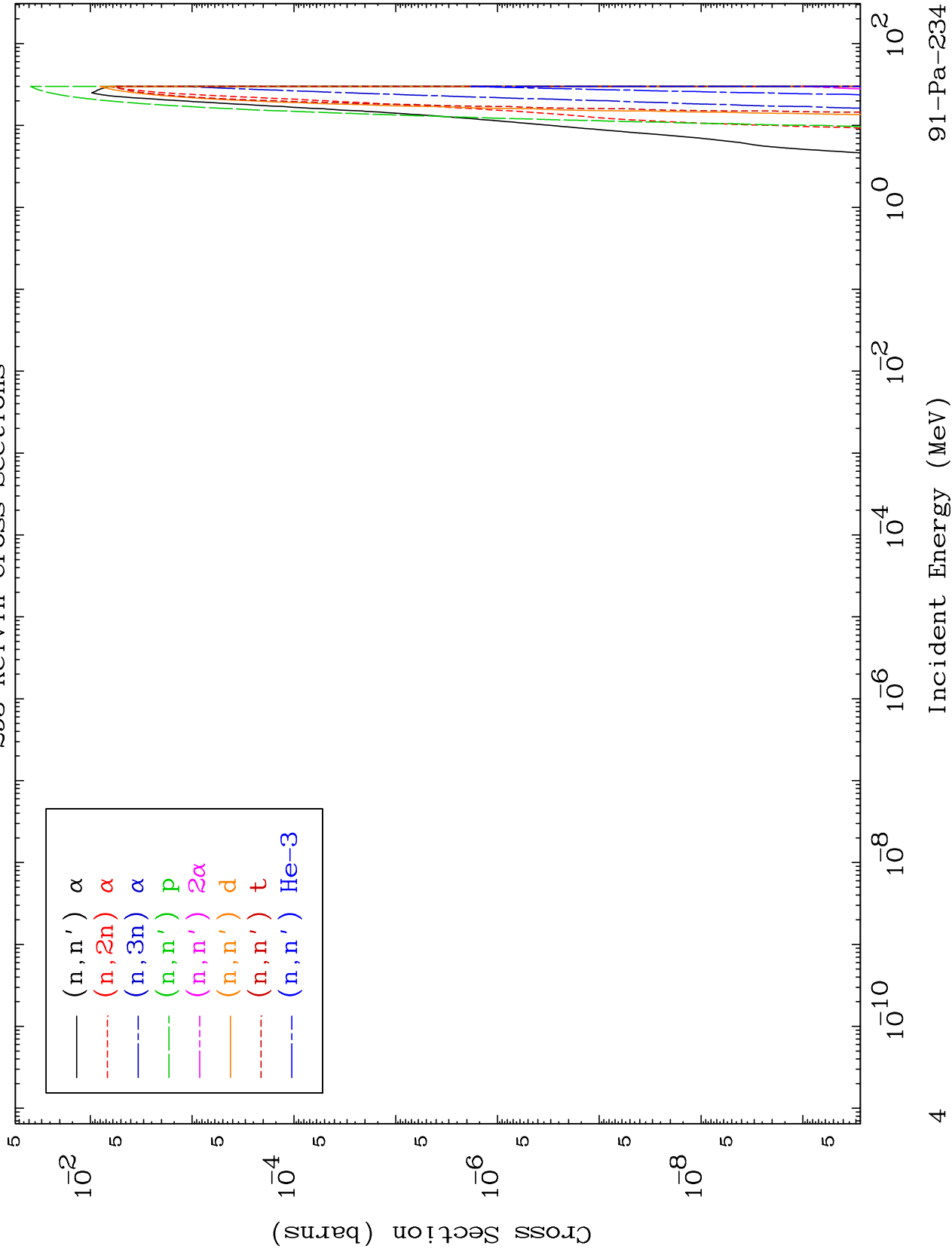
Incident Energy (MeV)

3

MAT 9140

Charged Particle
293 Kelvin Cross Sections

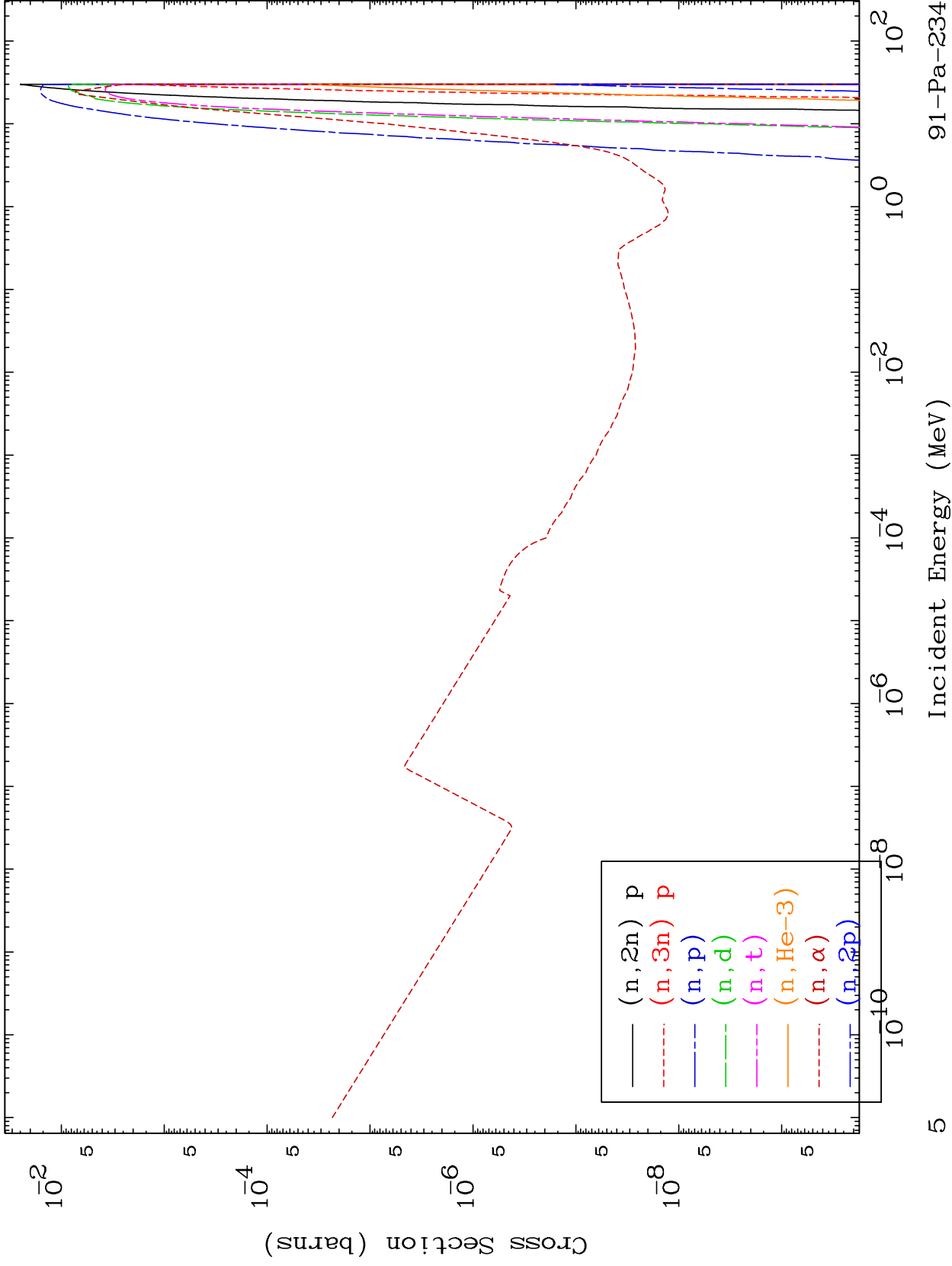
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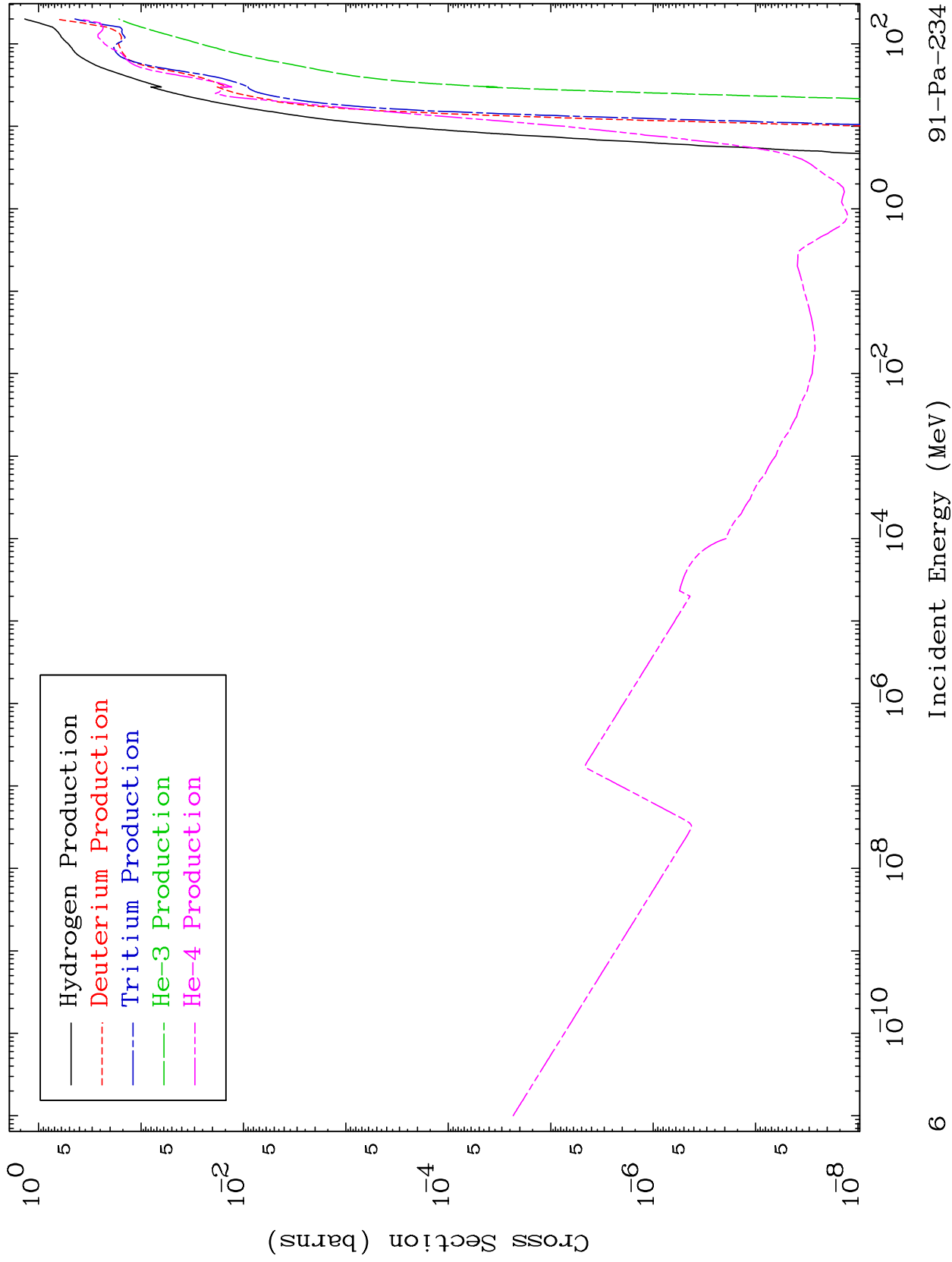


MAT 9140

Charged Particle
293 Kelvin Cross Sections

91-Pa-234

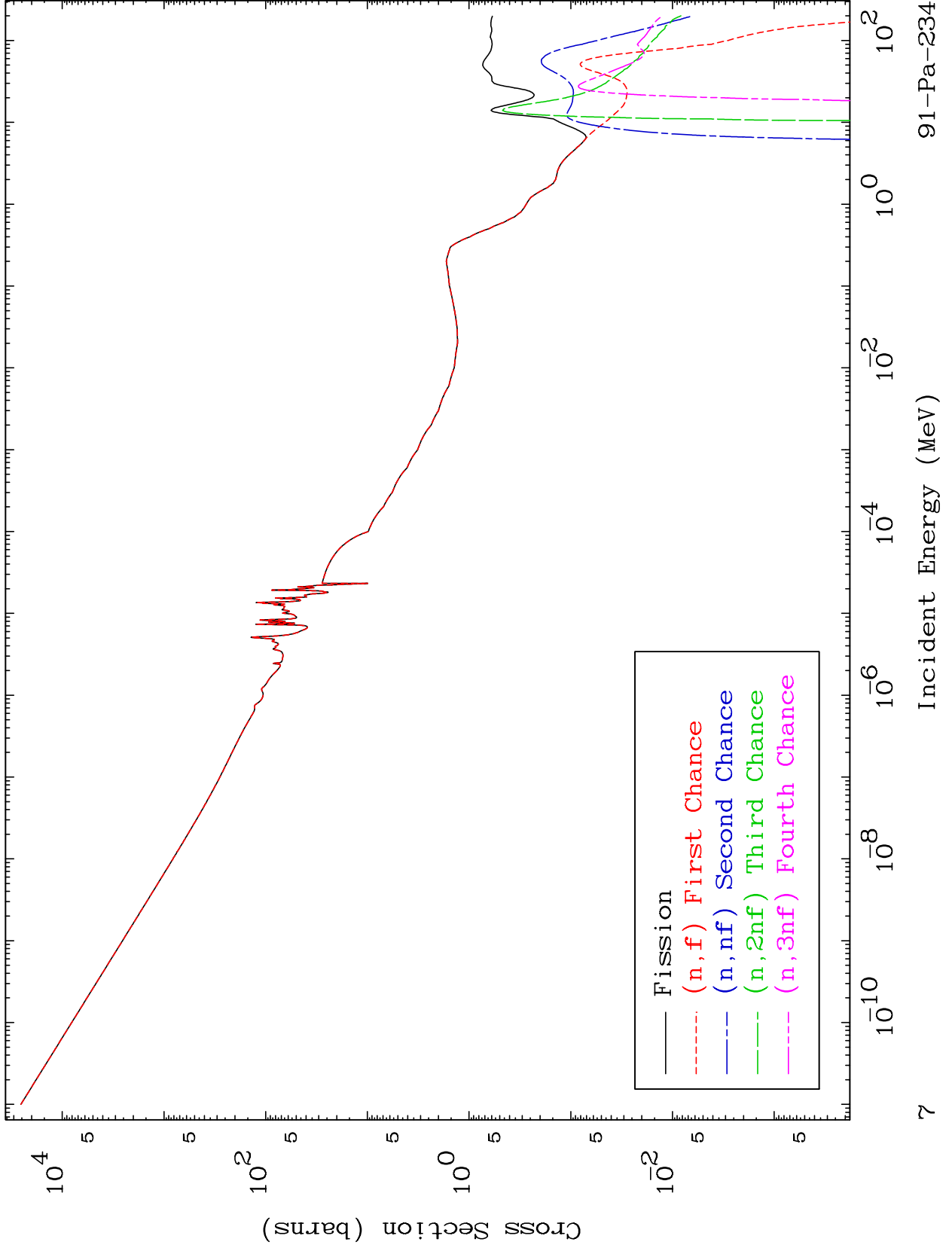




MAT 9140

Fission
293 Kelvin Cross Sections

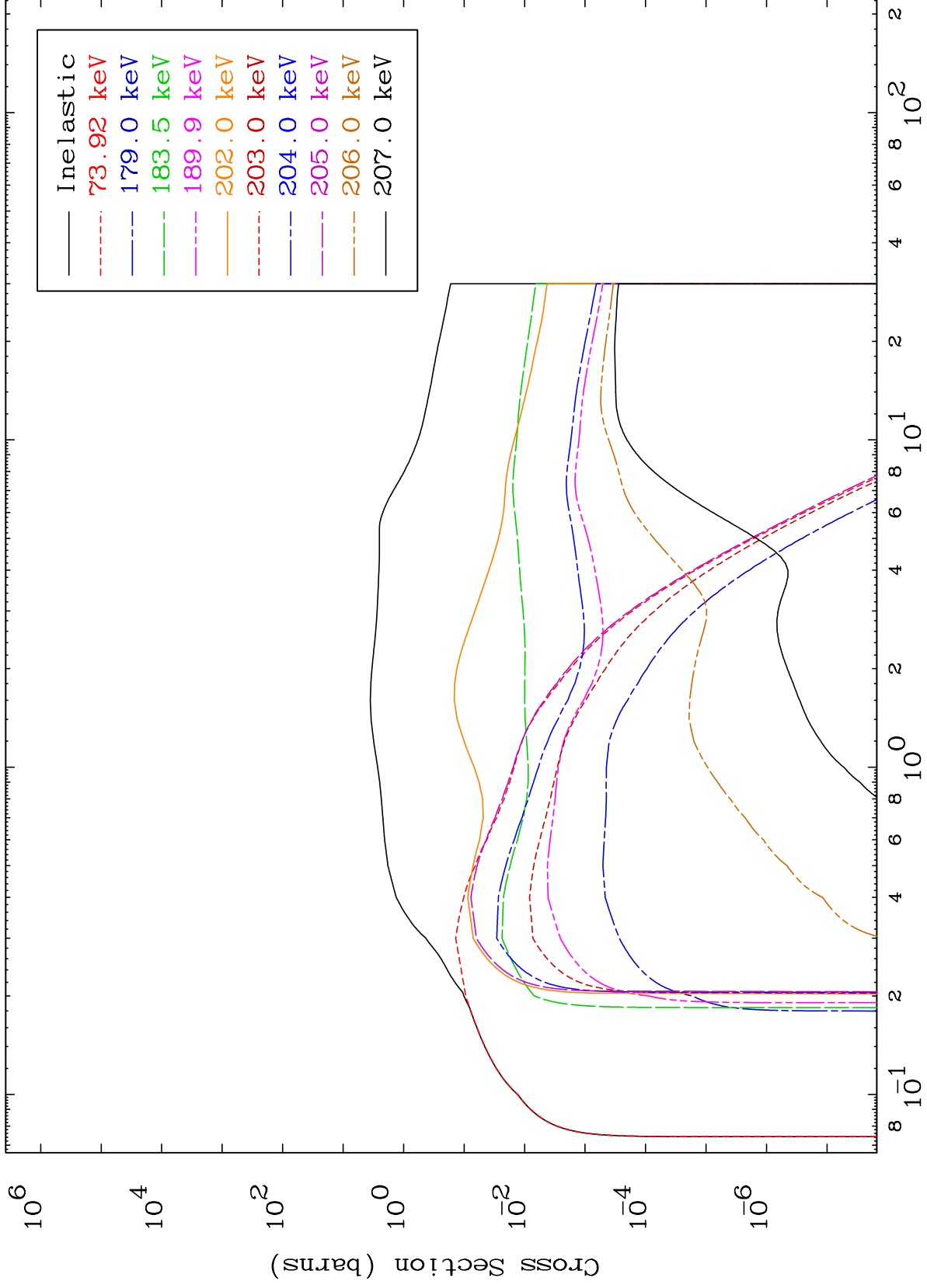
91-Pa-234



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(n,n') Level
293 Kelvin Cross Sections

91-Pa-234



8

Incident Energy (MeV)

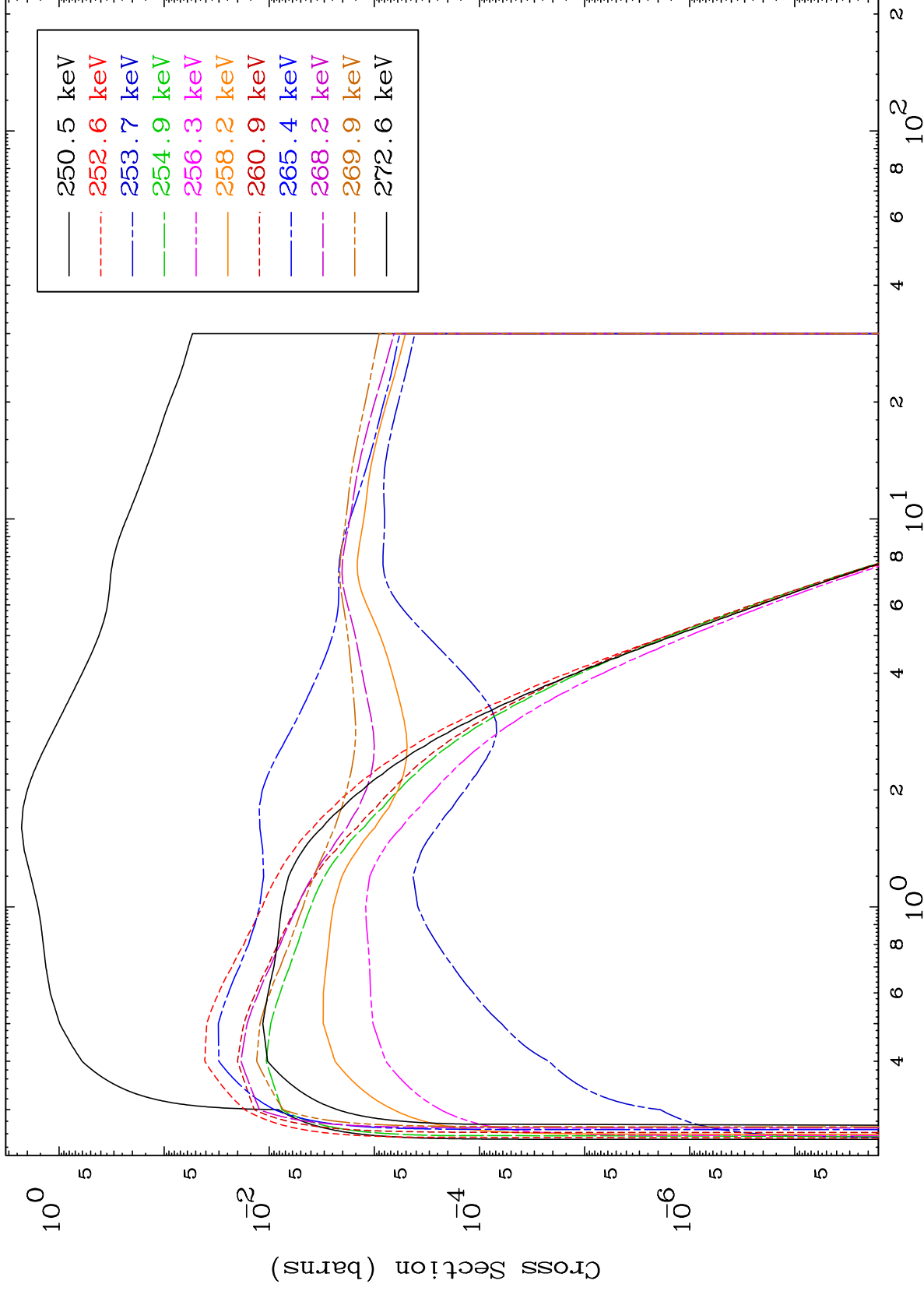
91-Pa-234

MAT 9140

(n,n') Level

91-Pa-234

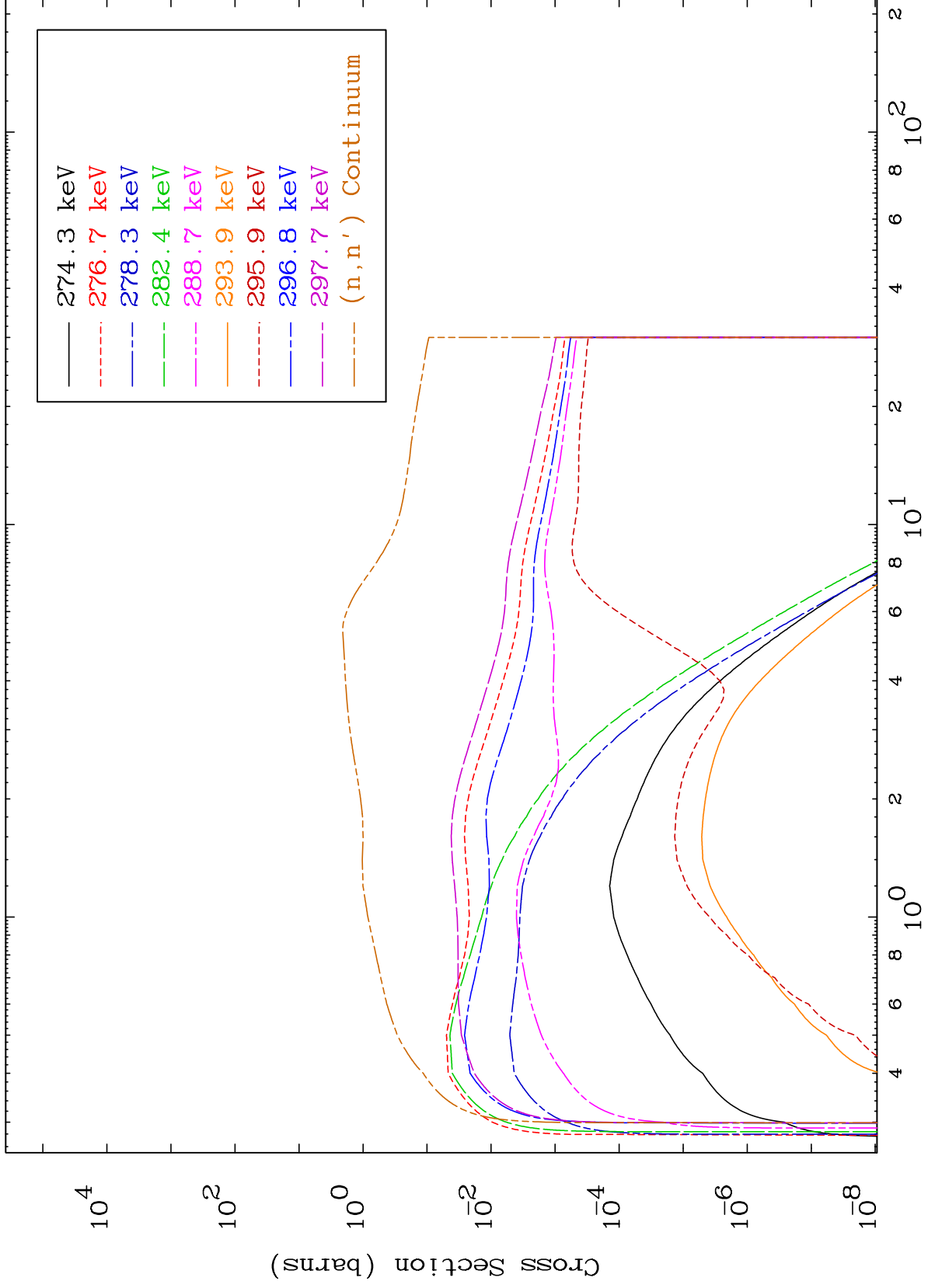
293 Kelvin Cross Sections



MAT 9140

(n,n') Level
293 Kelvin Cross Sections

91-Pa-234



10

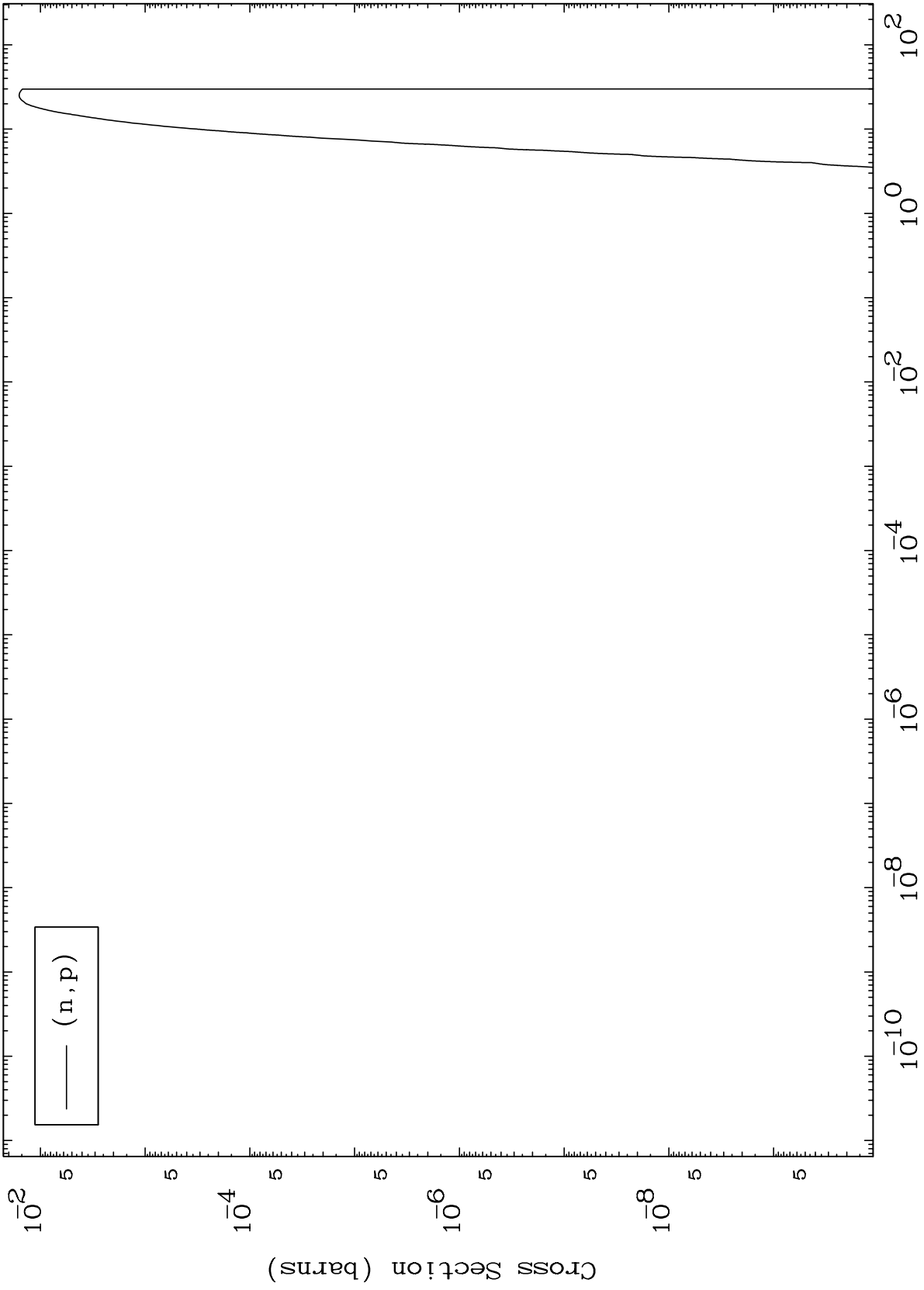
Incident Energy (MeV)

91-Pa-234

MAT 9140

(n,p) Levels
293 Kelvin Cross Sections

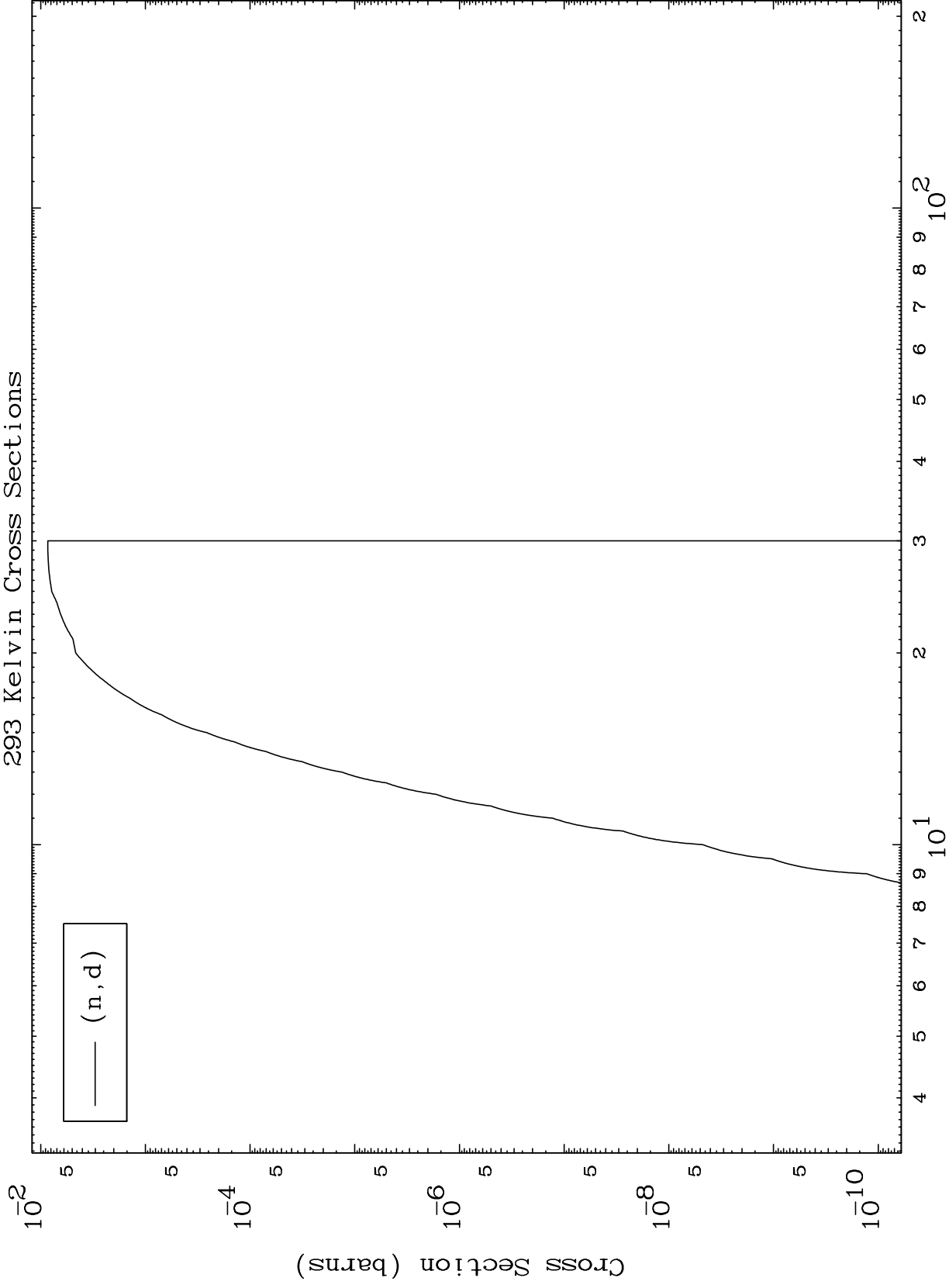
91-Pa-234



MAT 9140

(n,d) Levels
293 Kelvin Cross Sections

91-Pa-234



12

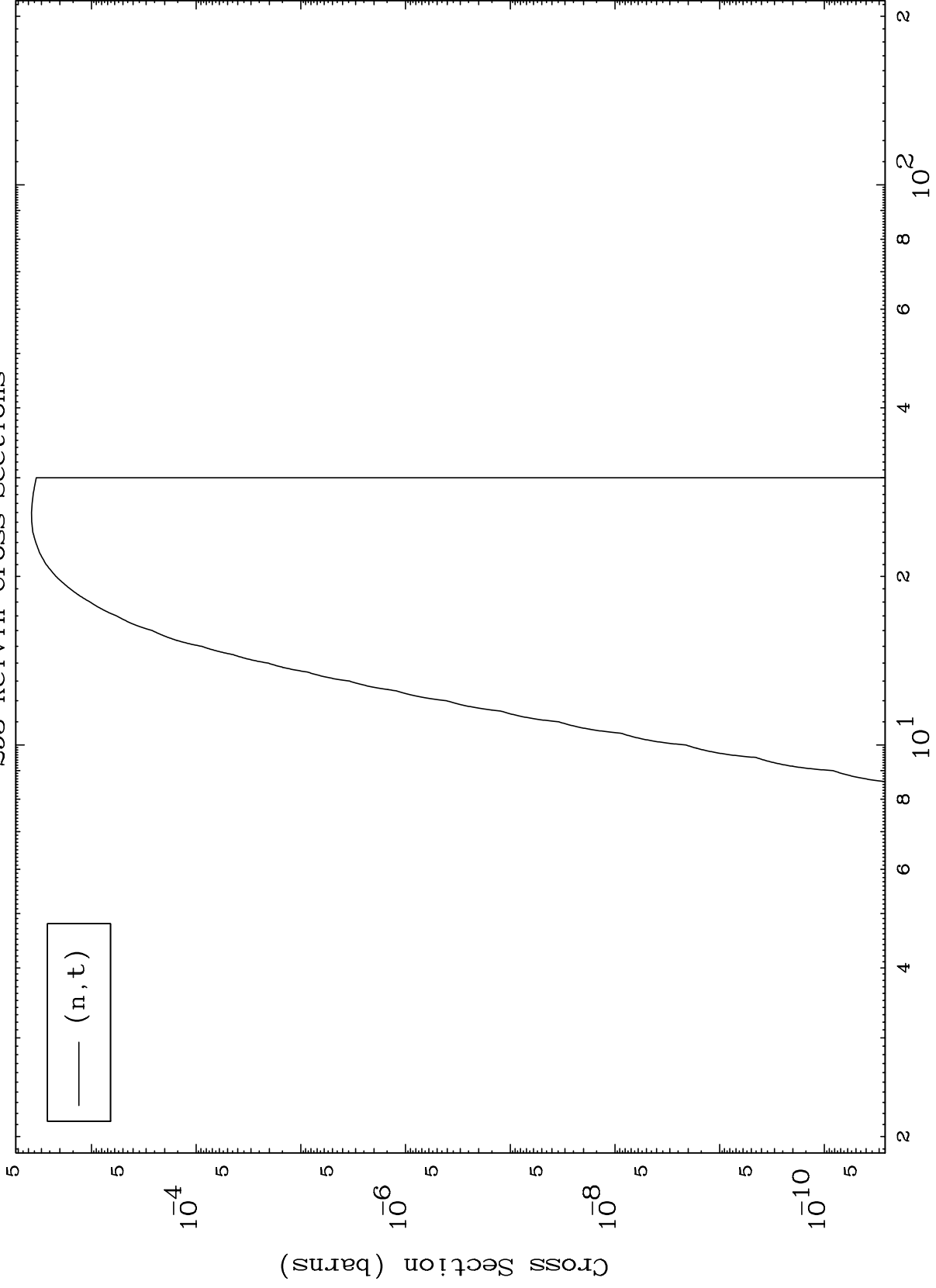
Incident Energy (MeV)

91-Pa-234

MAT 9140

(n,t) Levels
293 Kelvin Cross Sections

91-Pa-234



13

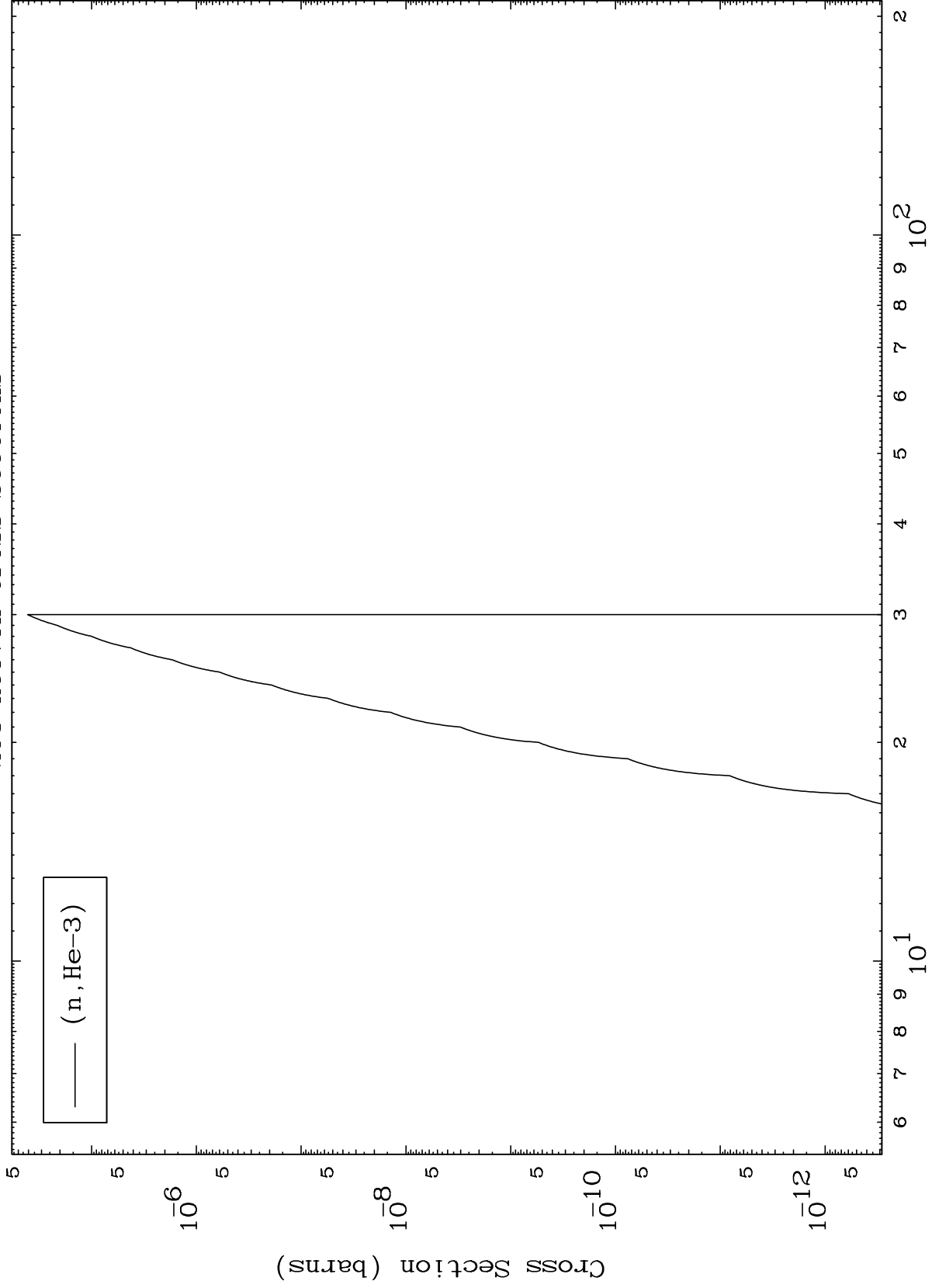
Incident Energy (MeV)

91-Pa-234

MAT 9140

(n,He3) Levels
293 Kelvin Cross Sections

91-Pa-234



14

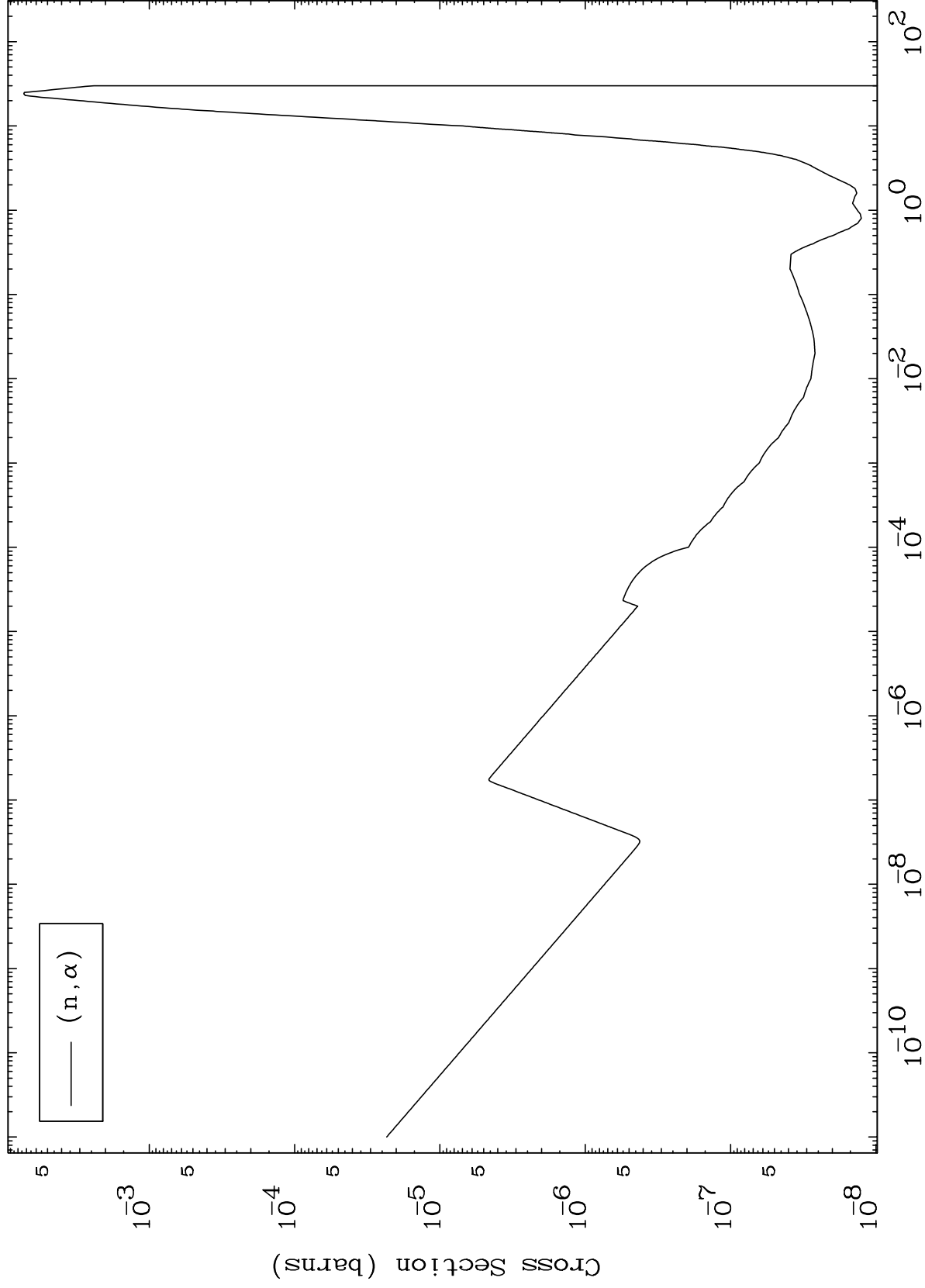
Incident Energy (MeV)

91-Pa-234

MAT 9140

(n, α) Levels
293 Kelvin Cross Sections

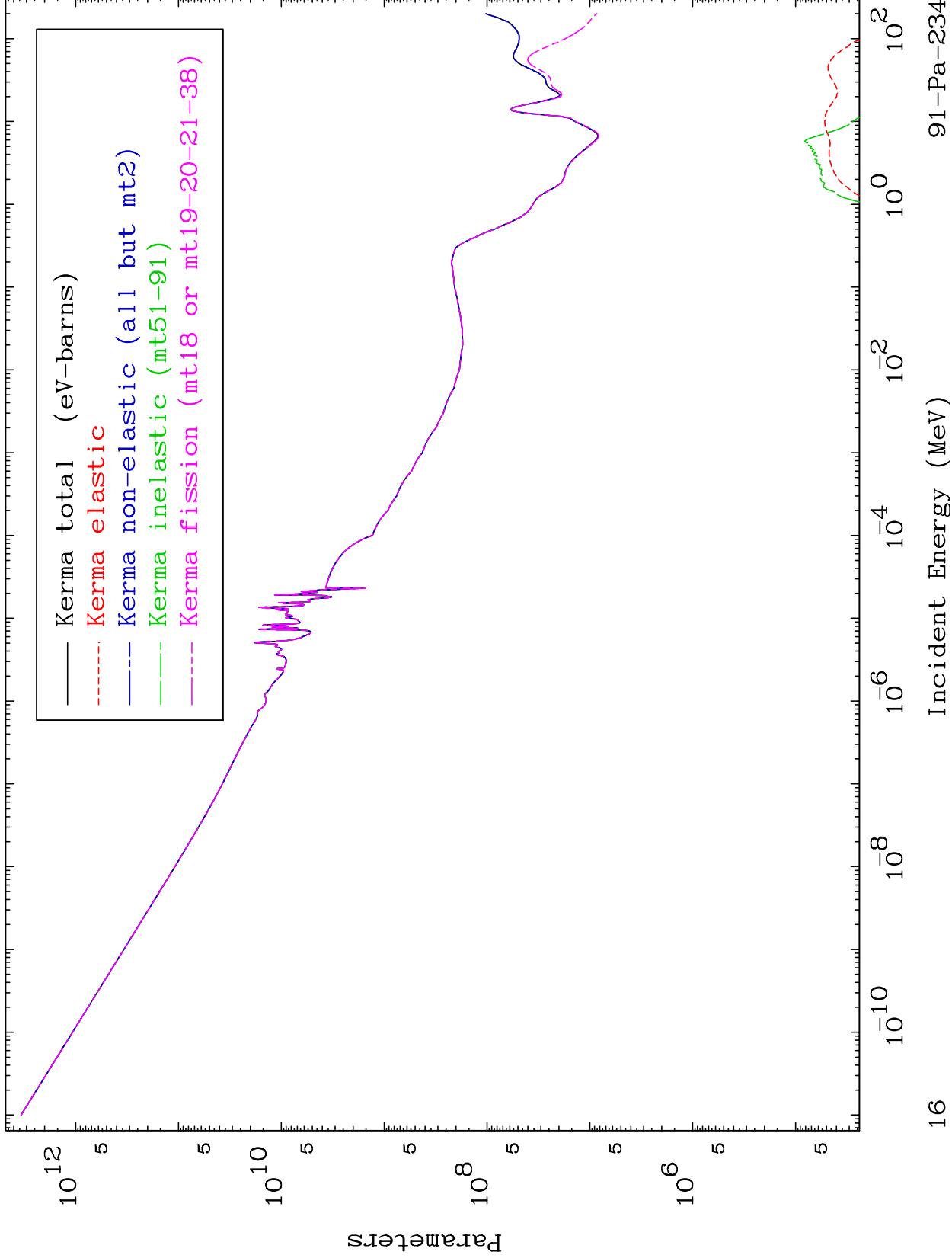
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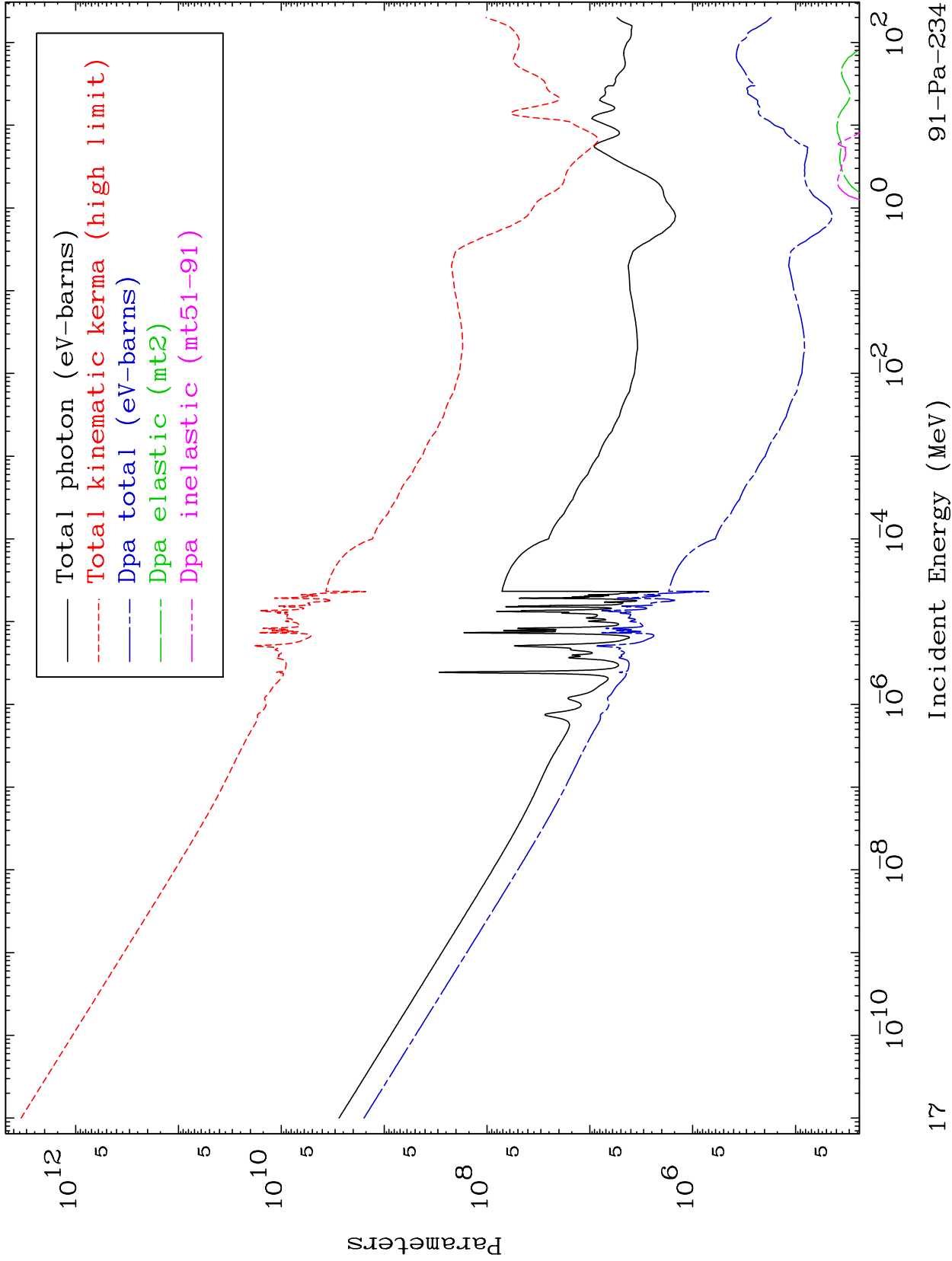


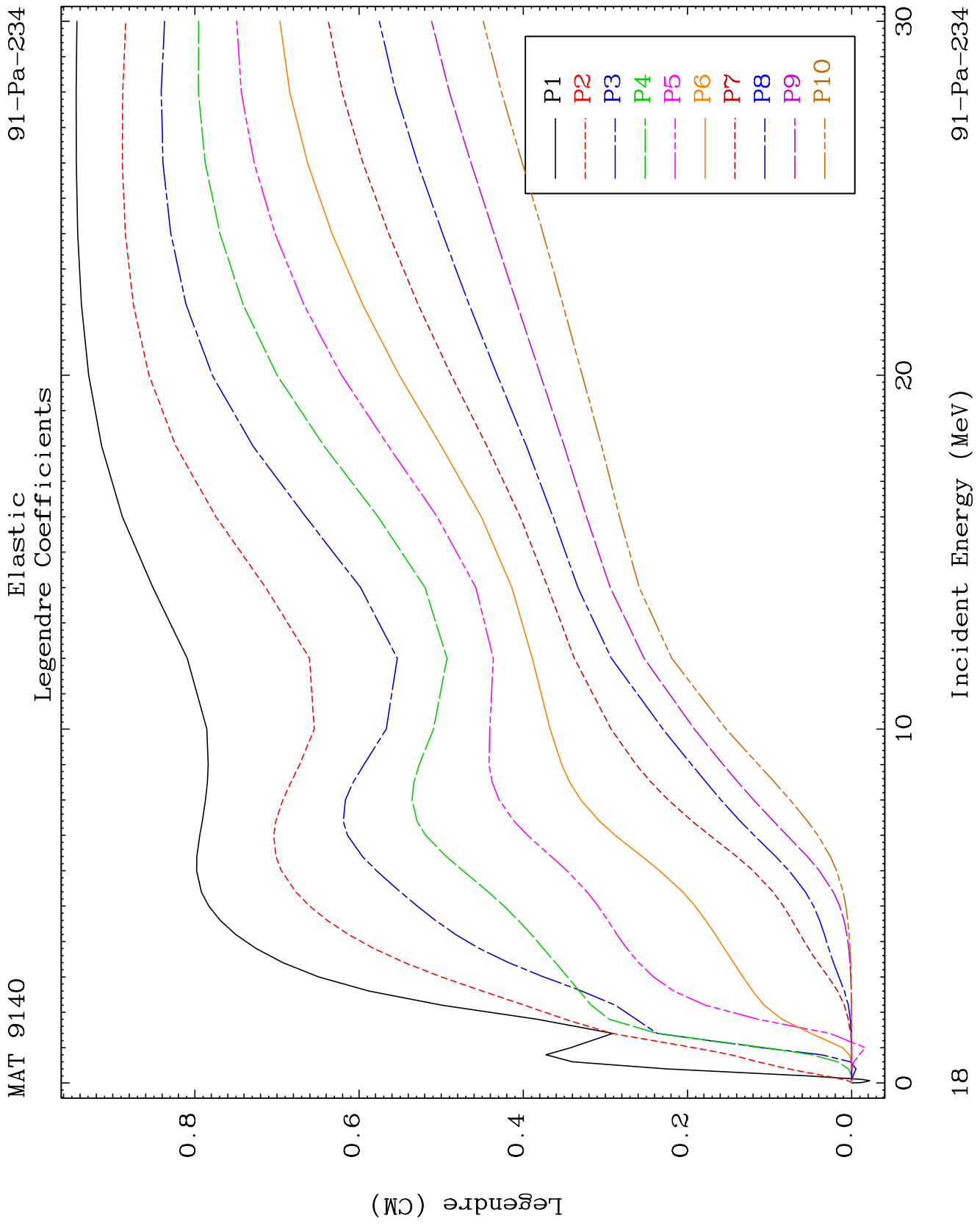
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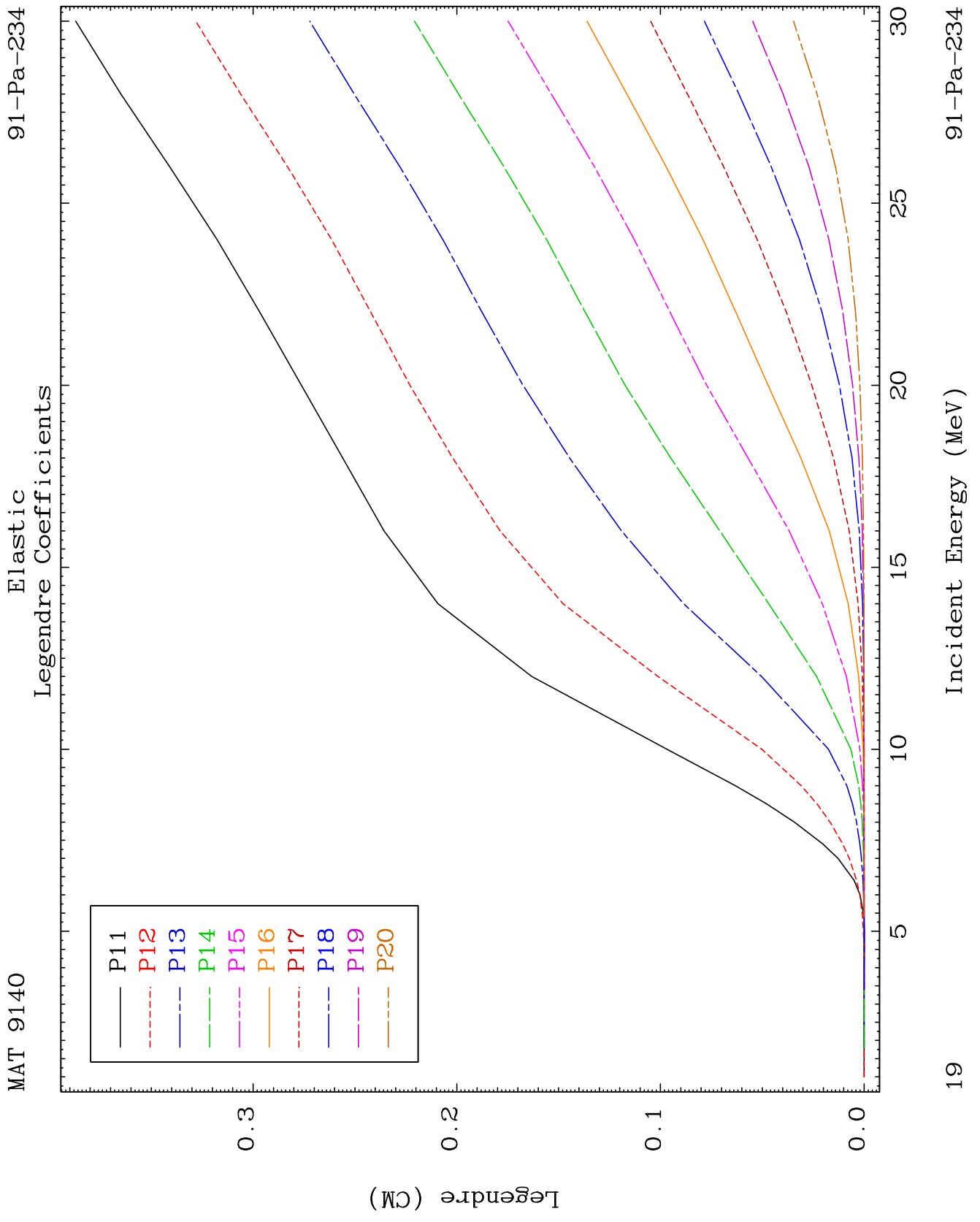
Incident Energy (MeV)

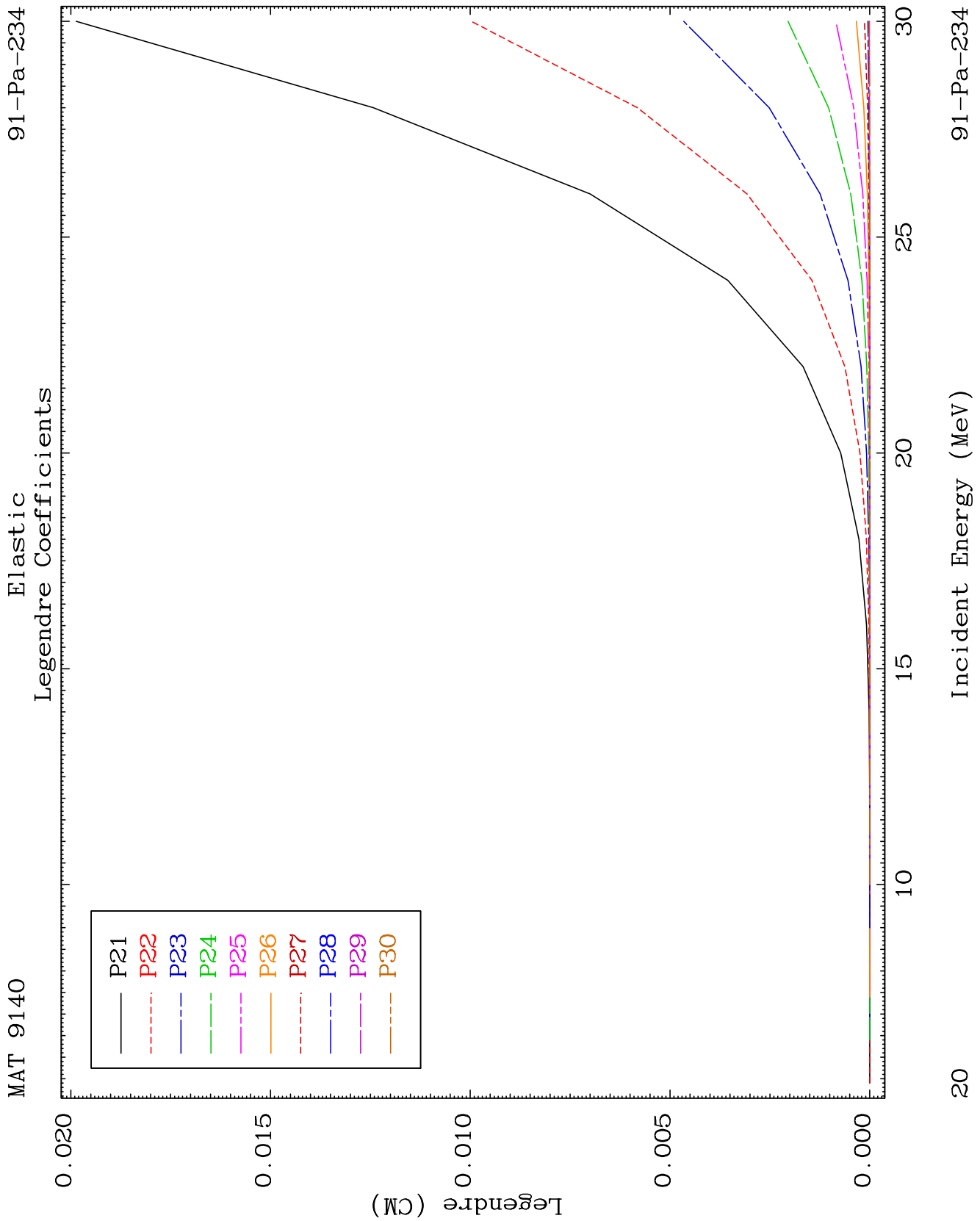
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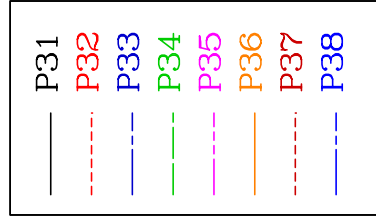




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Elastic
Legendre Coefficients

91-Pa-234



$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

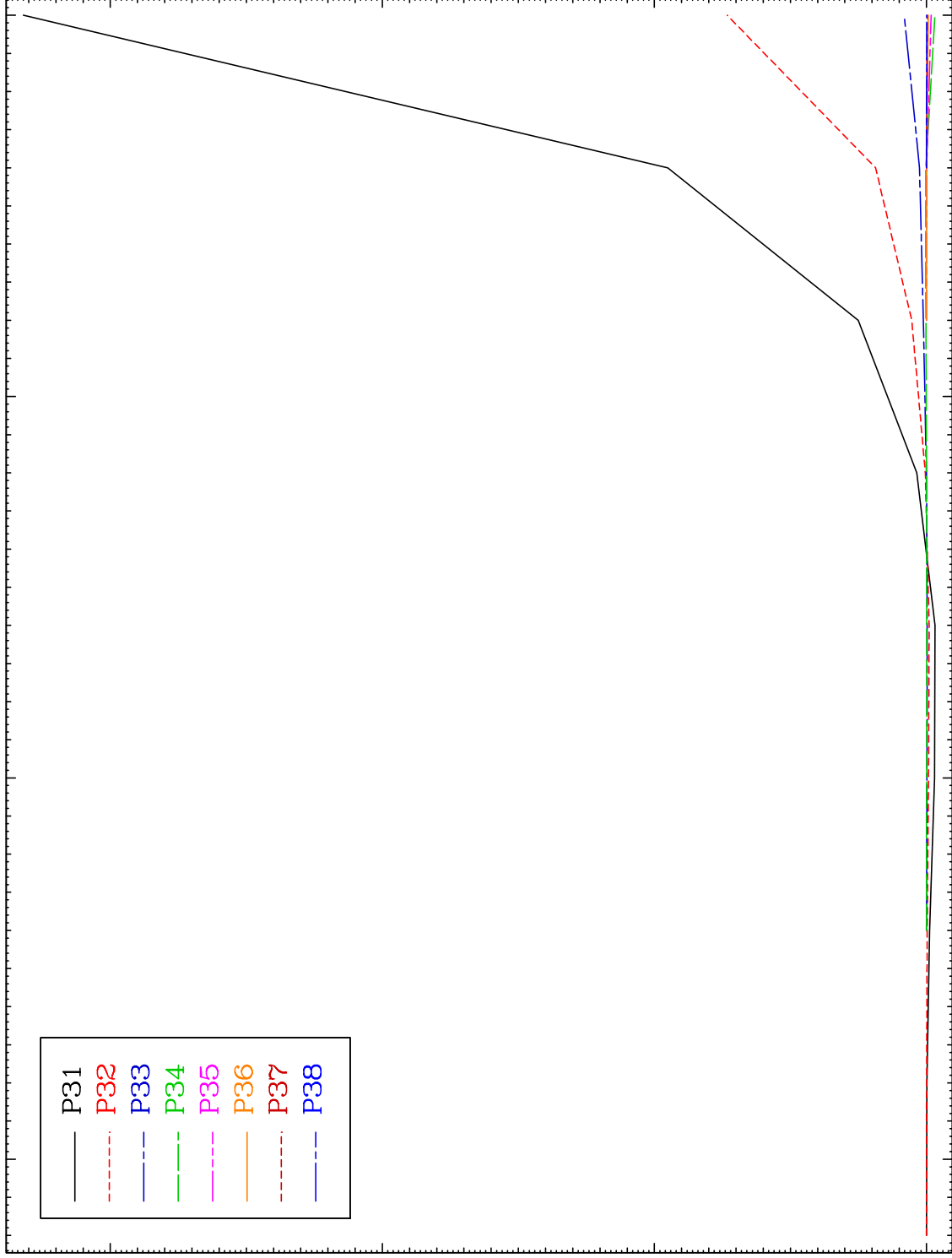
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30

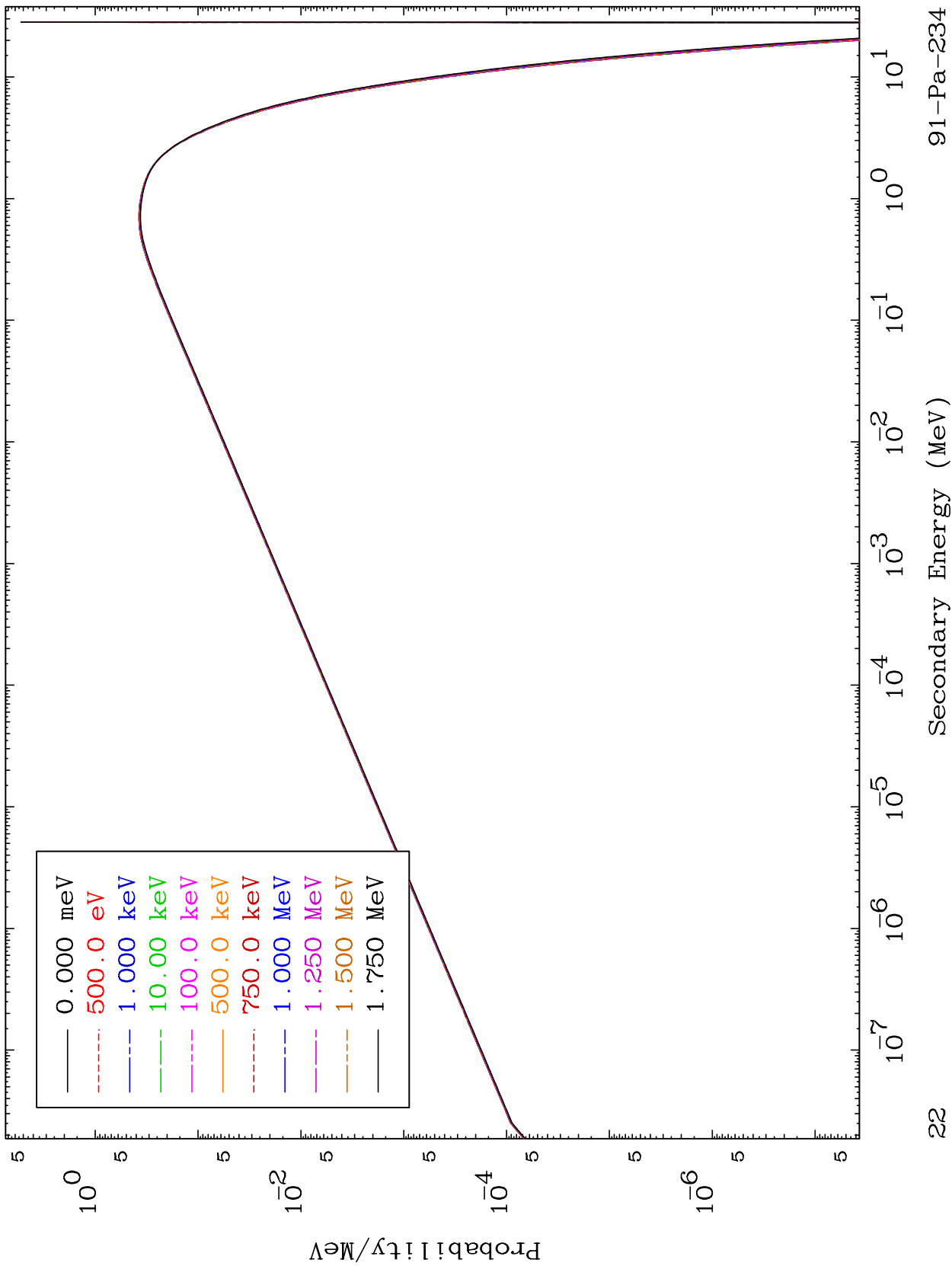
21

Incident Energy (MeV)

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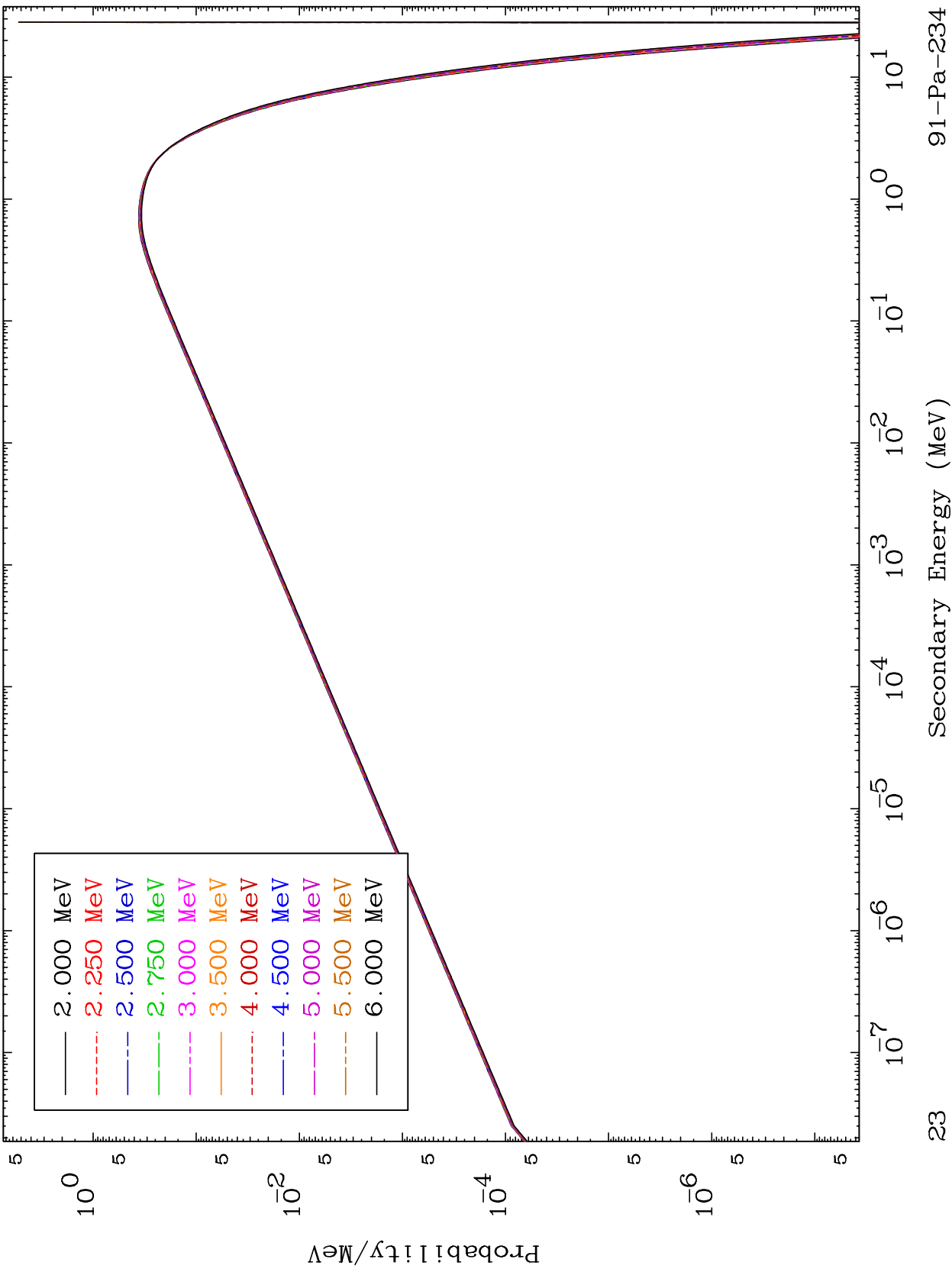
Fission Energy Distribution



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Fission Energy Distribution

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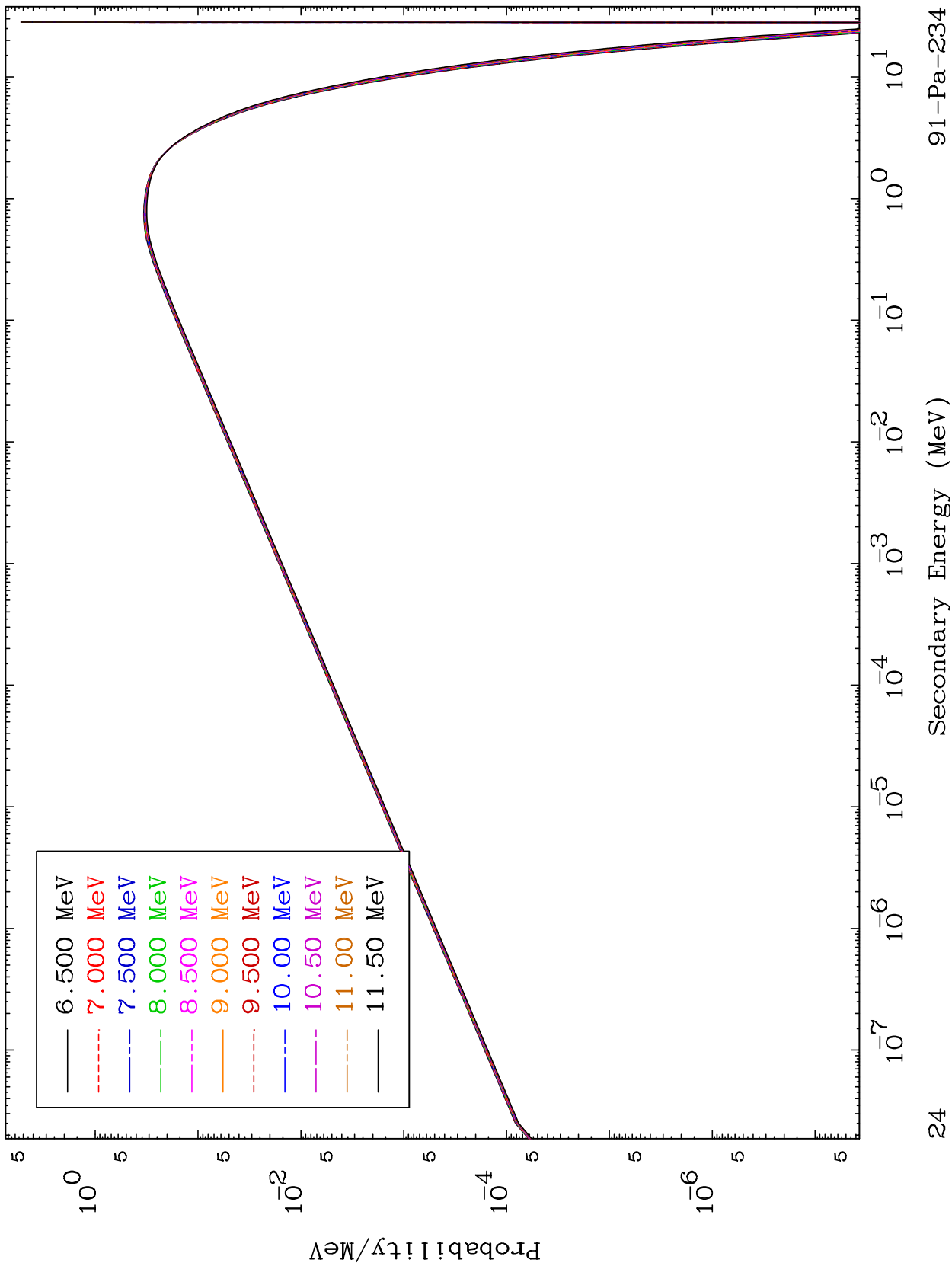


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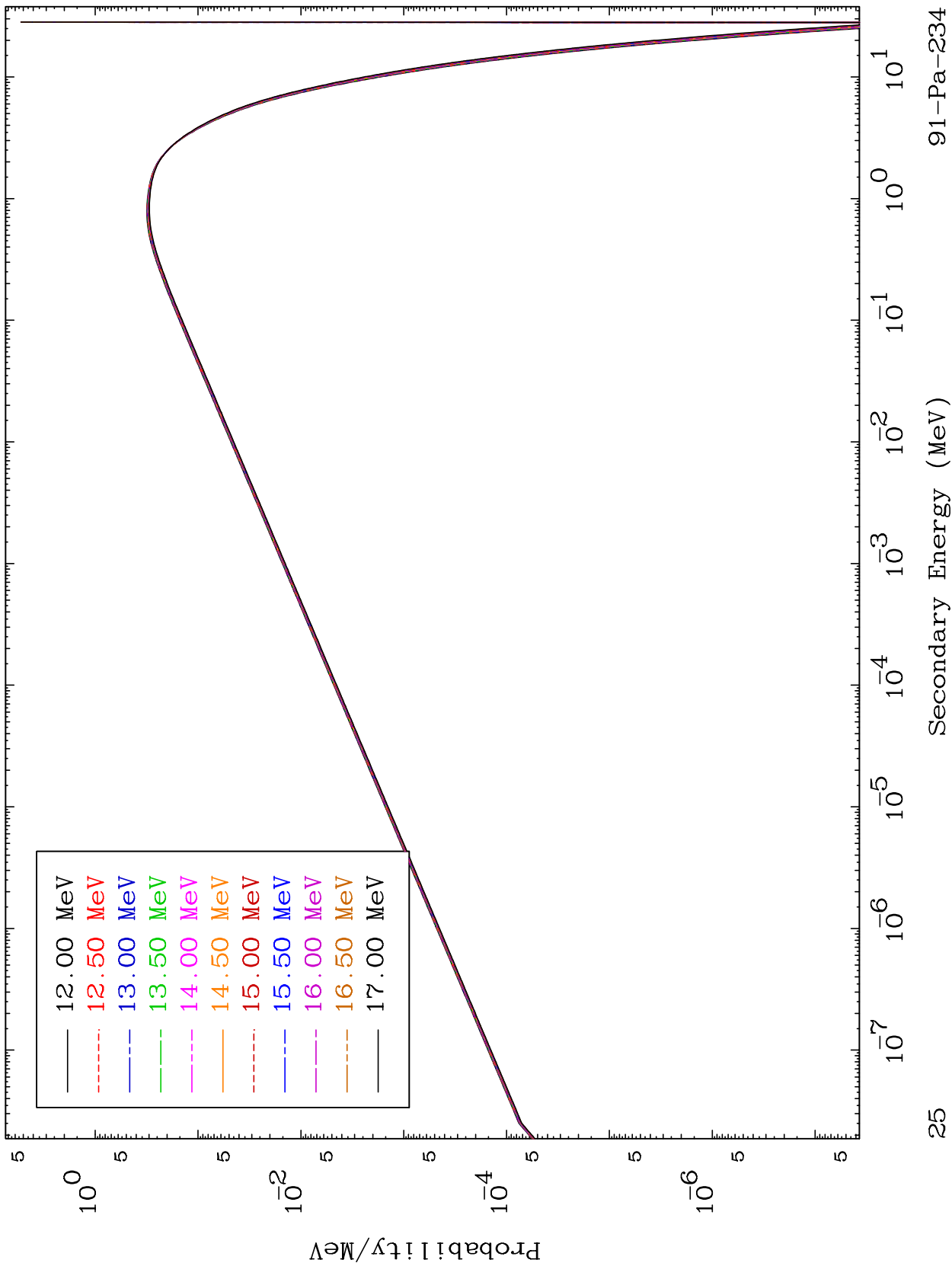
Fission Energy Distribution

91-Pa-234

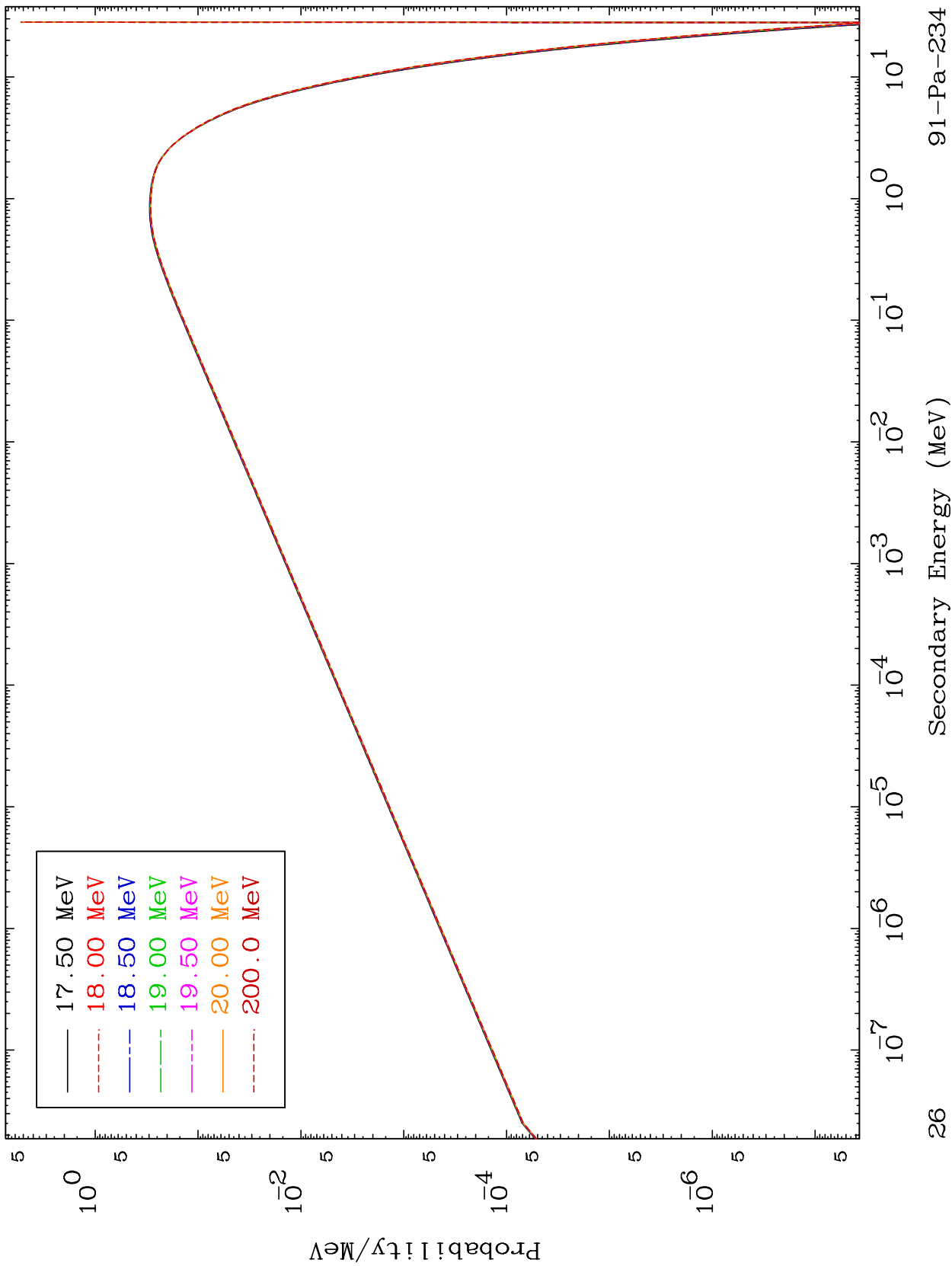


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Fission
Energy Distribution



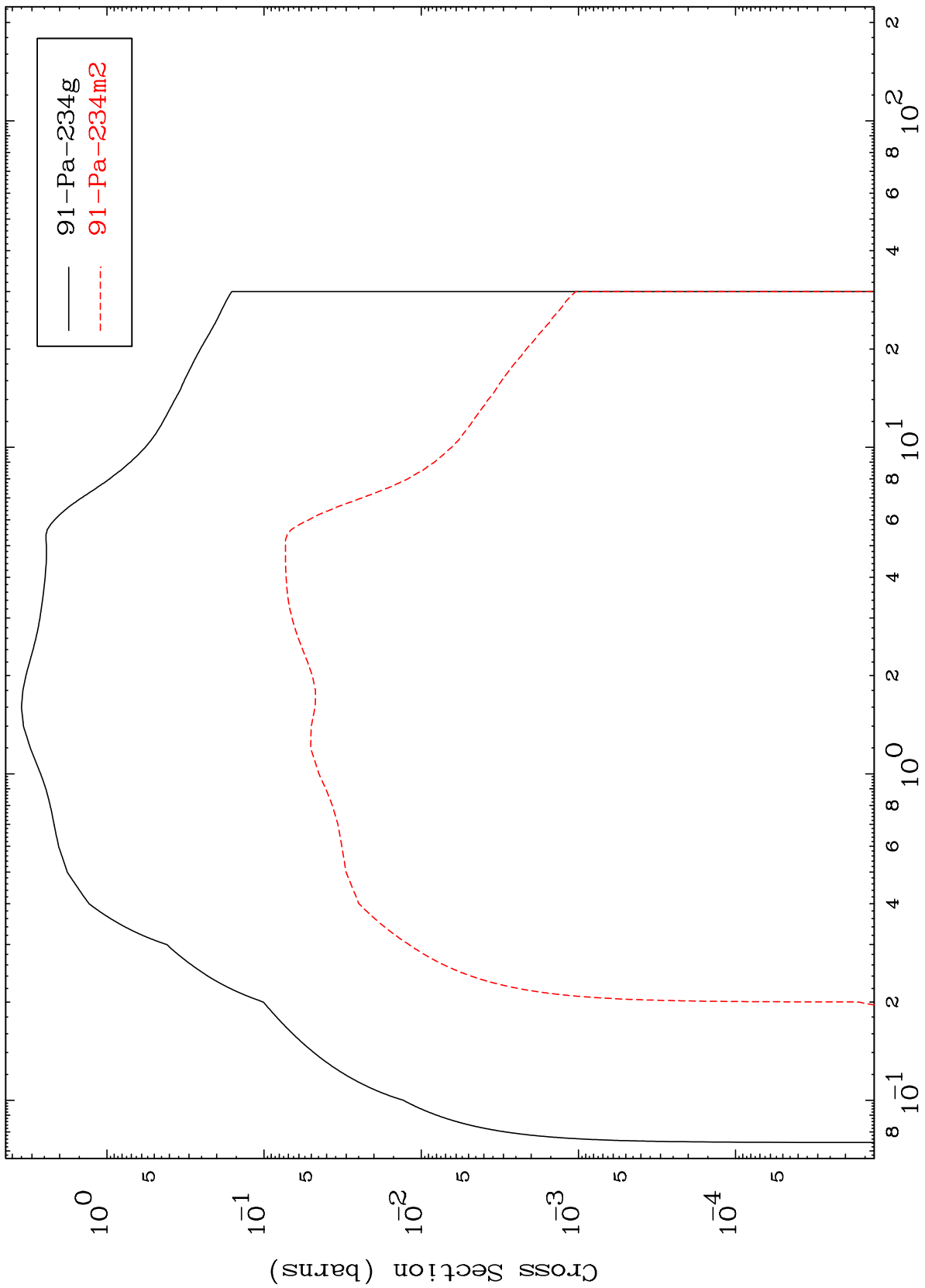
Fission
Energy Distribution



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Inelastic
Radionuclide Production Cross Section



27

Incident Energy (MeV)

91-Pa-234