

Program EVALPLOT
(Version 2018-1)

by

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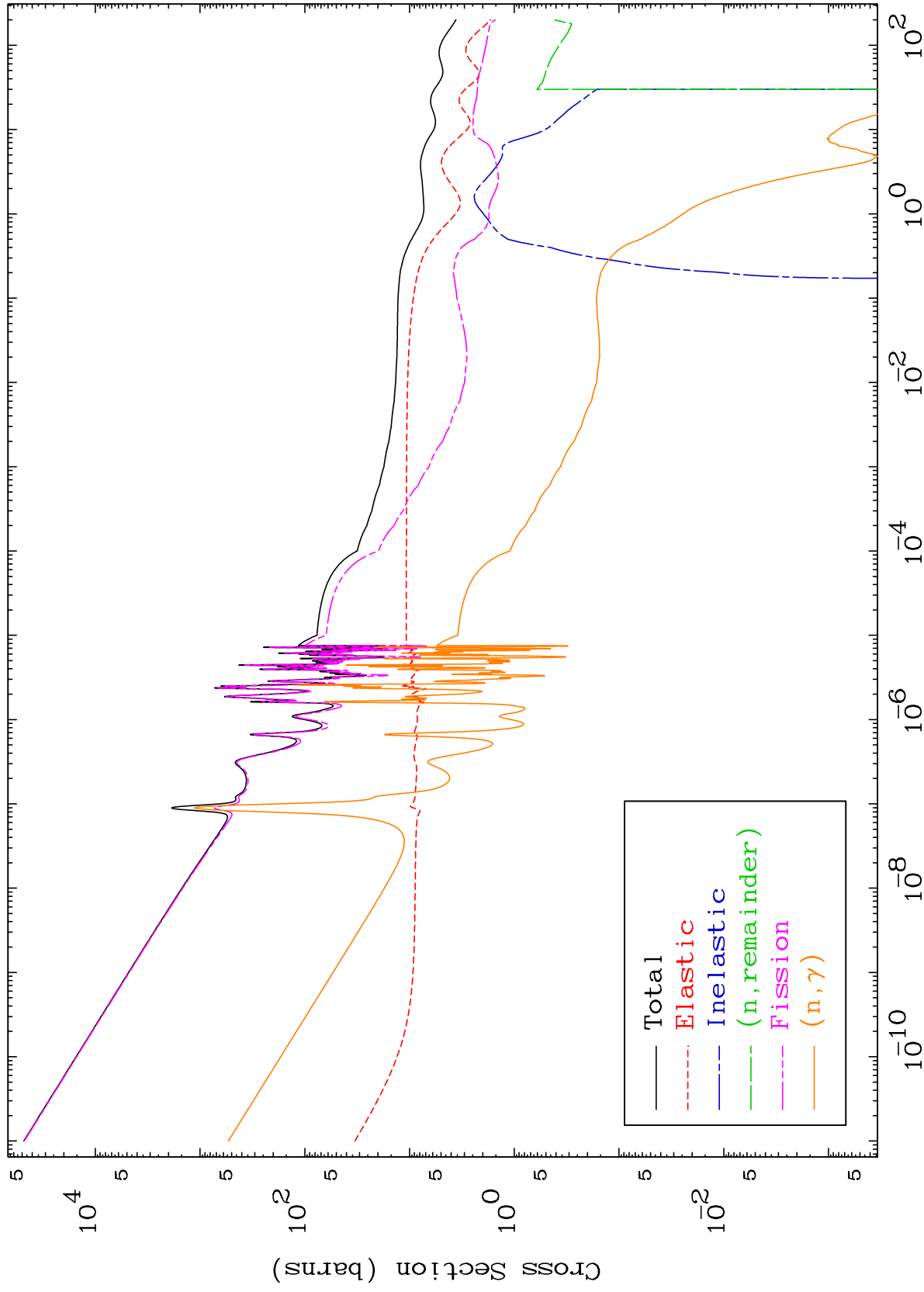
Press Mouse Button to Start

MAT 9737

Major

293 Kelvin Cross Sections

97-Bk-244



1

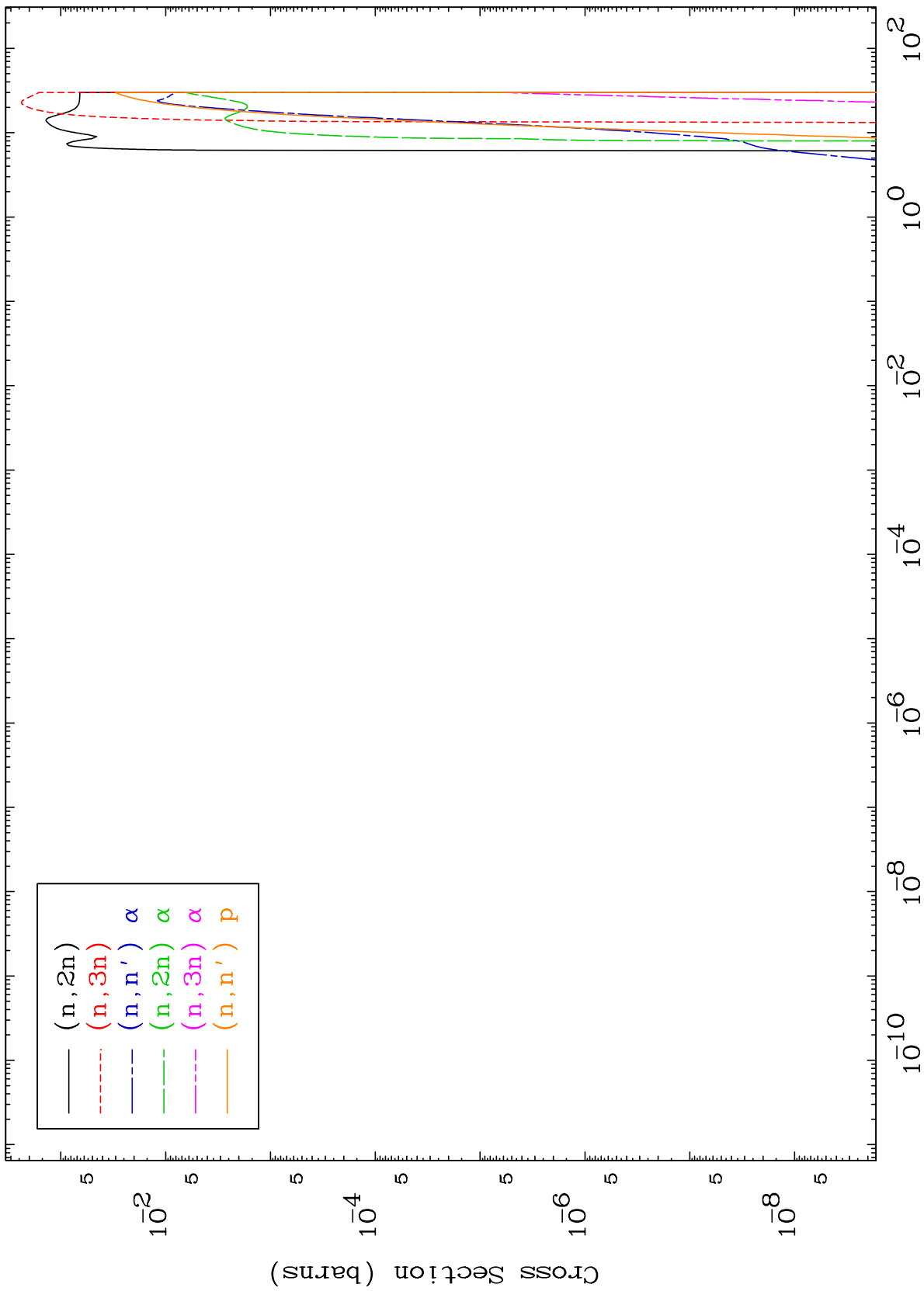
Incident Energy (MeV)

97-Bk-244

MAT 9737

Neutron Production
293 Kelvin Cross Sections

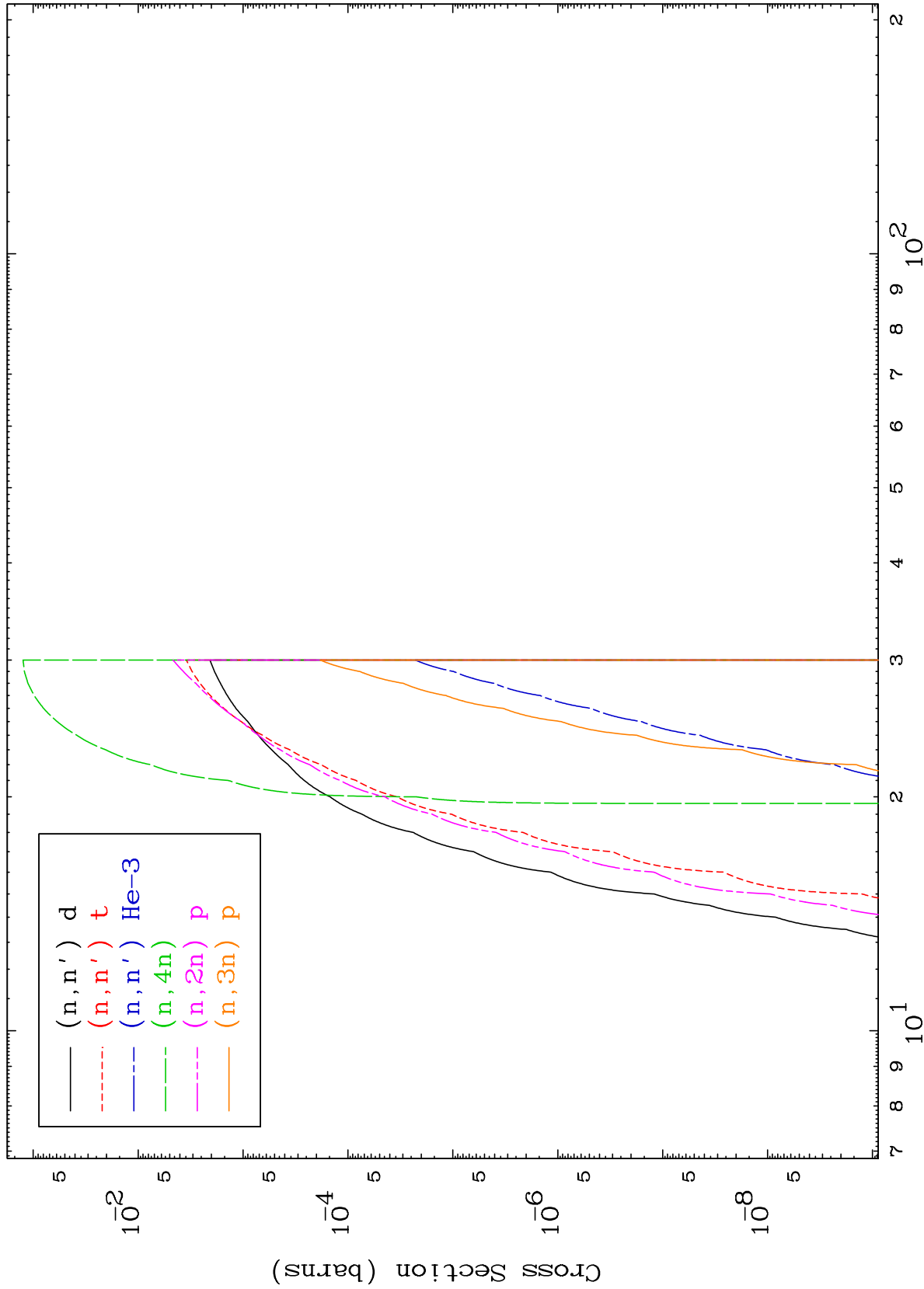
97-Bk-244



2

Incident Energy (MeV)

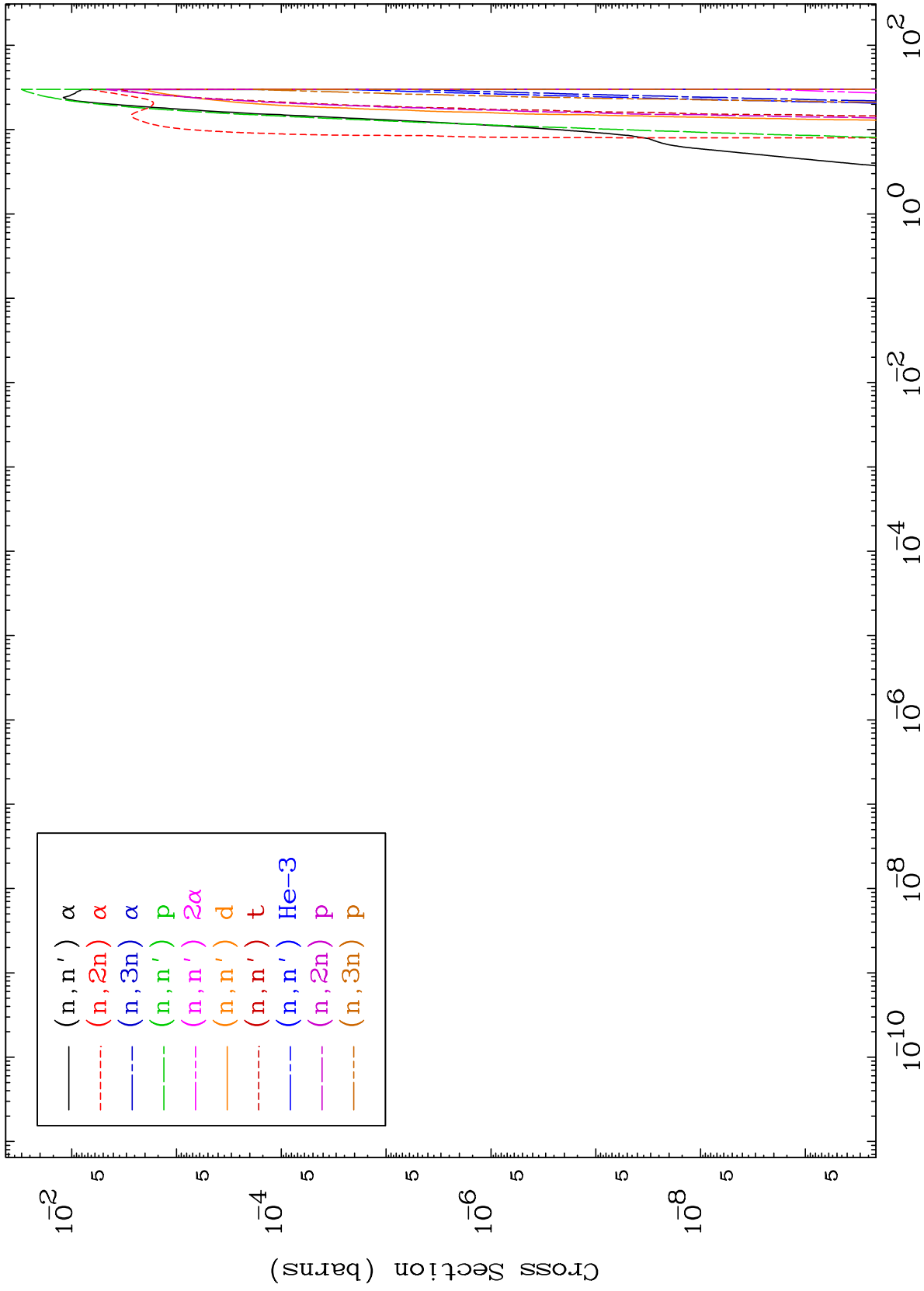
97-Bk-244



MAT 9737

Charged Particle
293 Kelvin Cross Sections

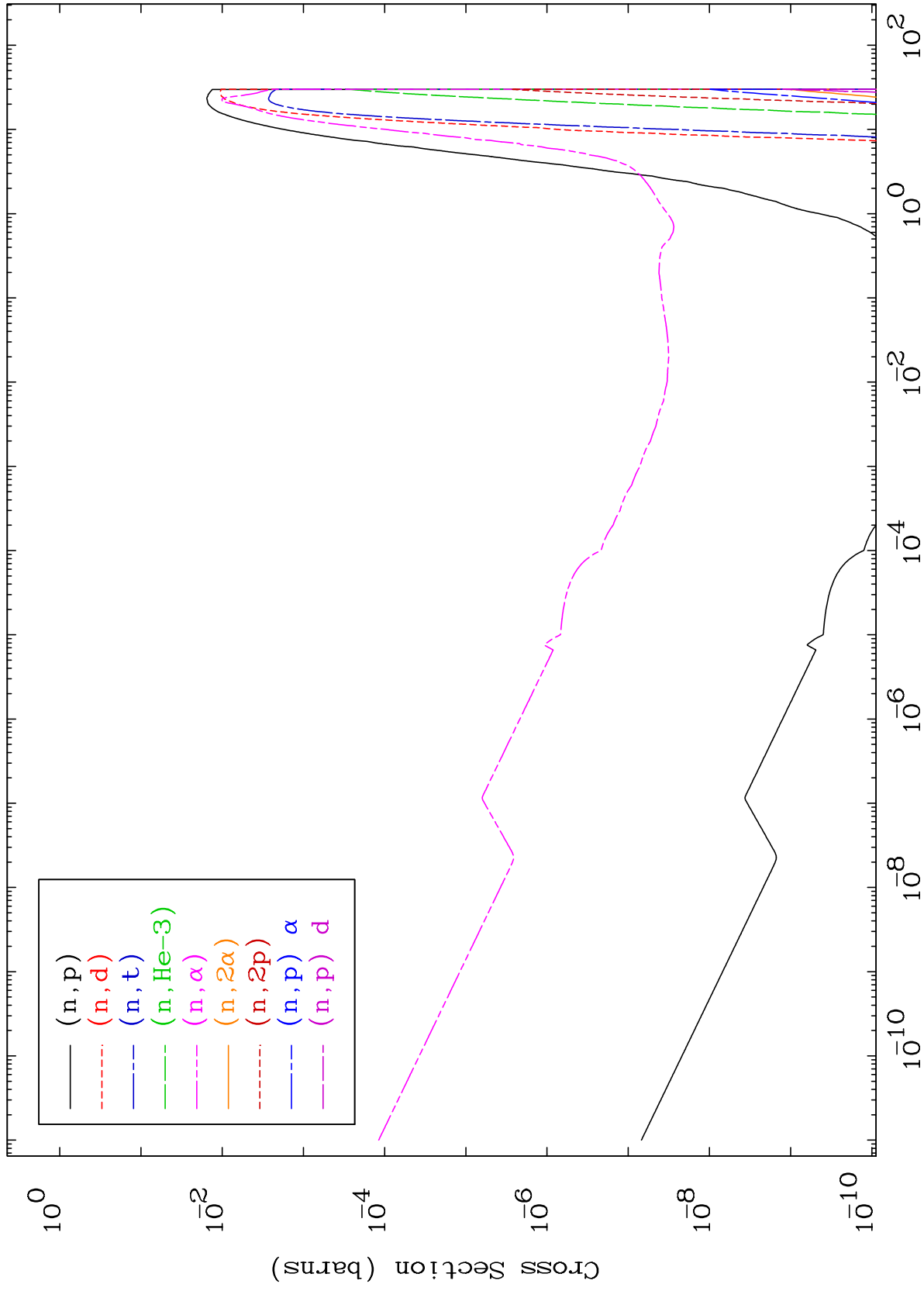
97-Bk-244



MAT 9737

293 Kelvin Cross Sections

97-Bk-244



5

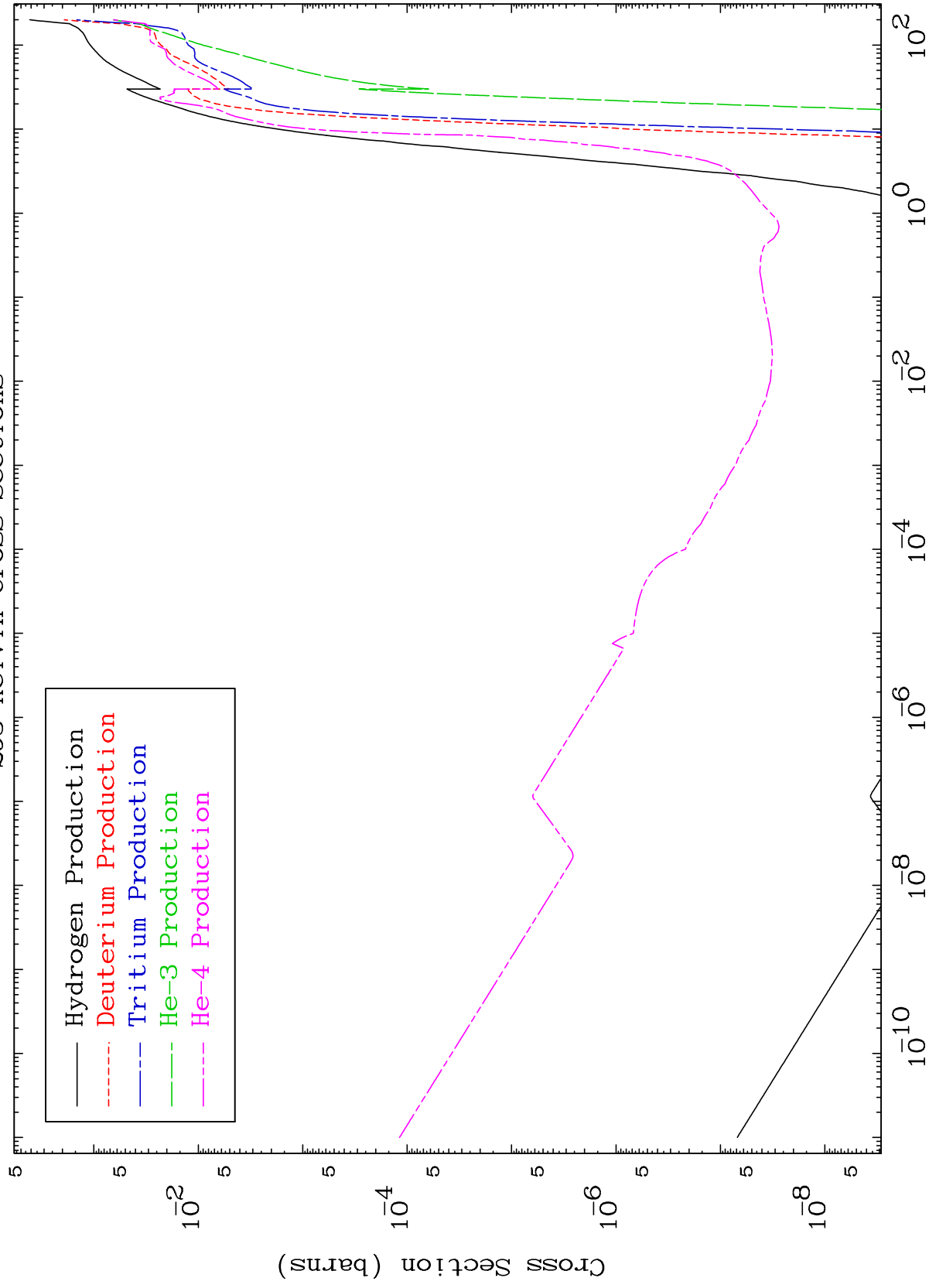
Incident Energy (MeV)

97-Bk-244

MAT 9737

Particle Production
293 Kelvin Cross Sections

97-Bk-244



6

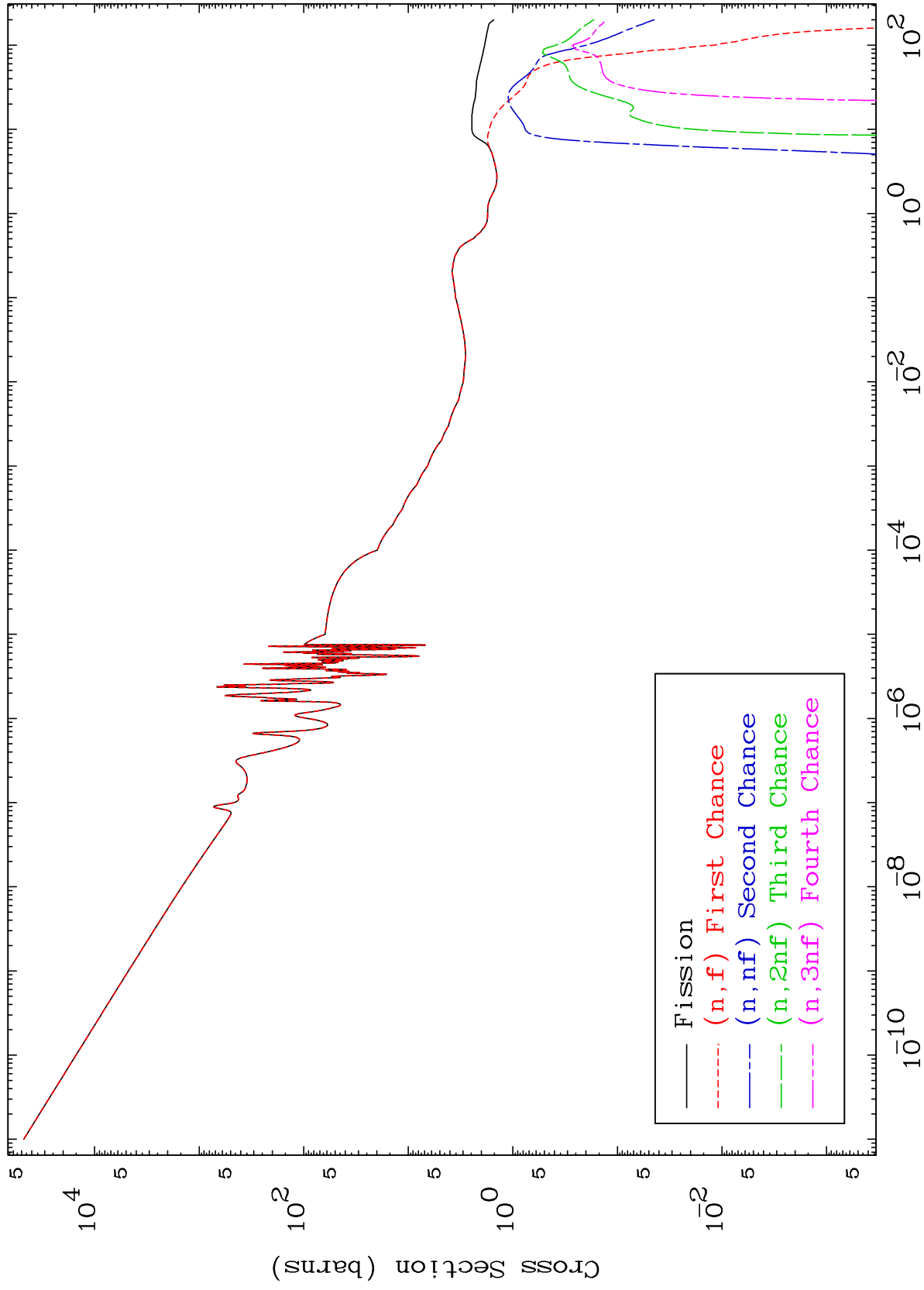
Incident Energy (MeV)

97-Bk-244

MAT 9737

Fission
293 Kelvin Cross Sections

97-Bk-244

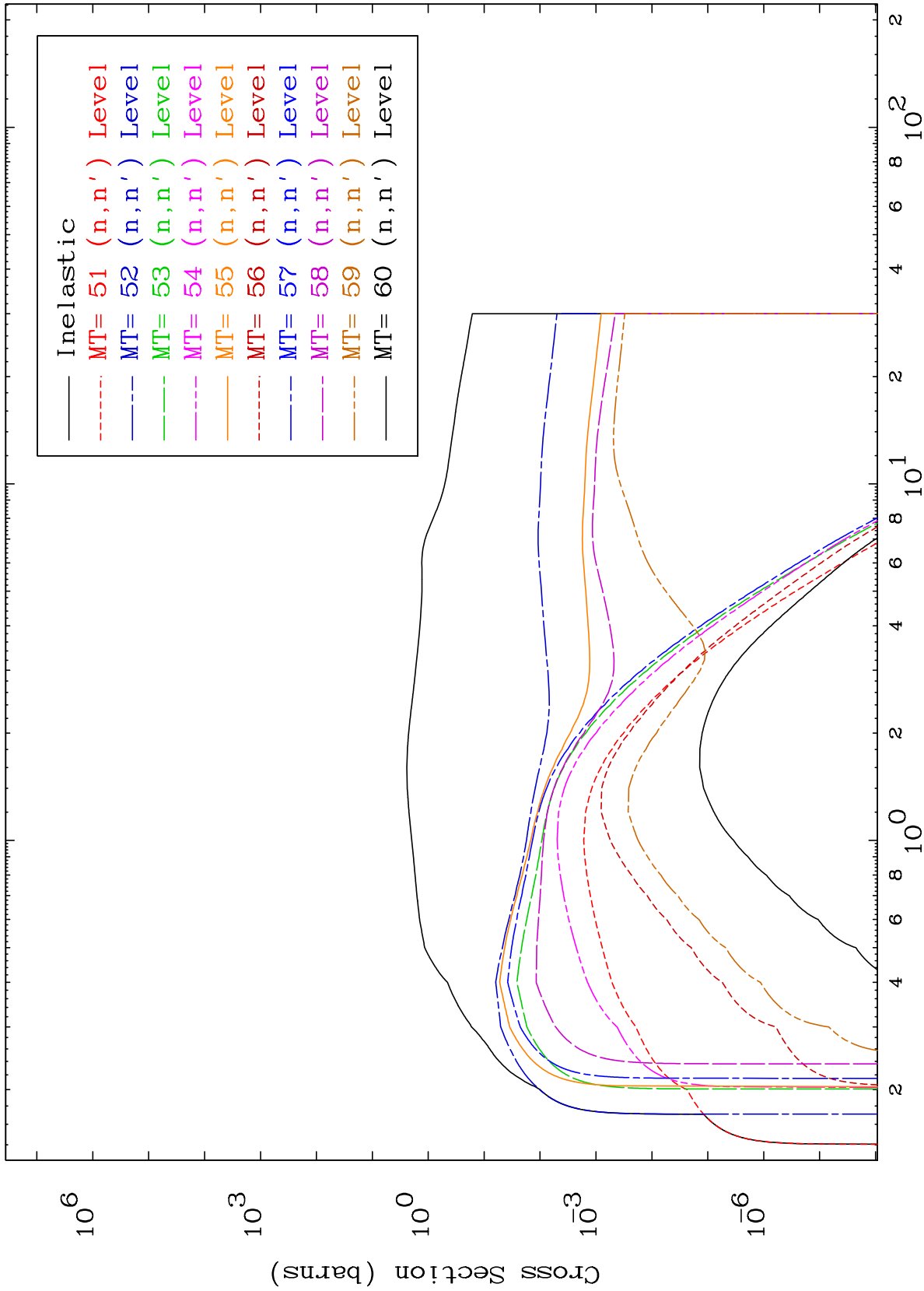


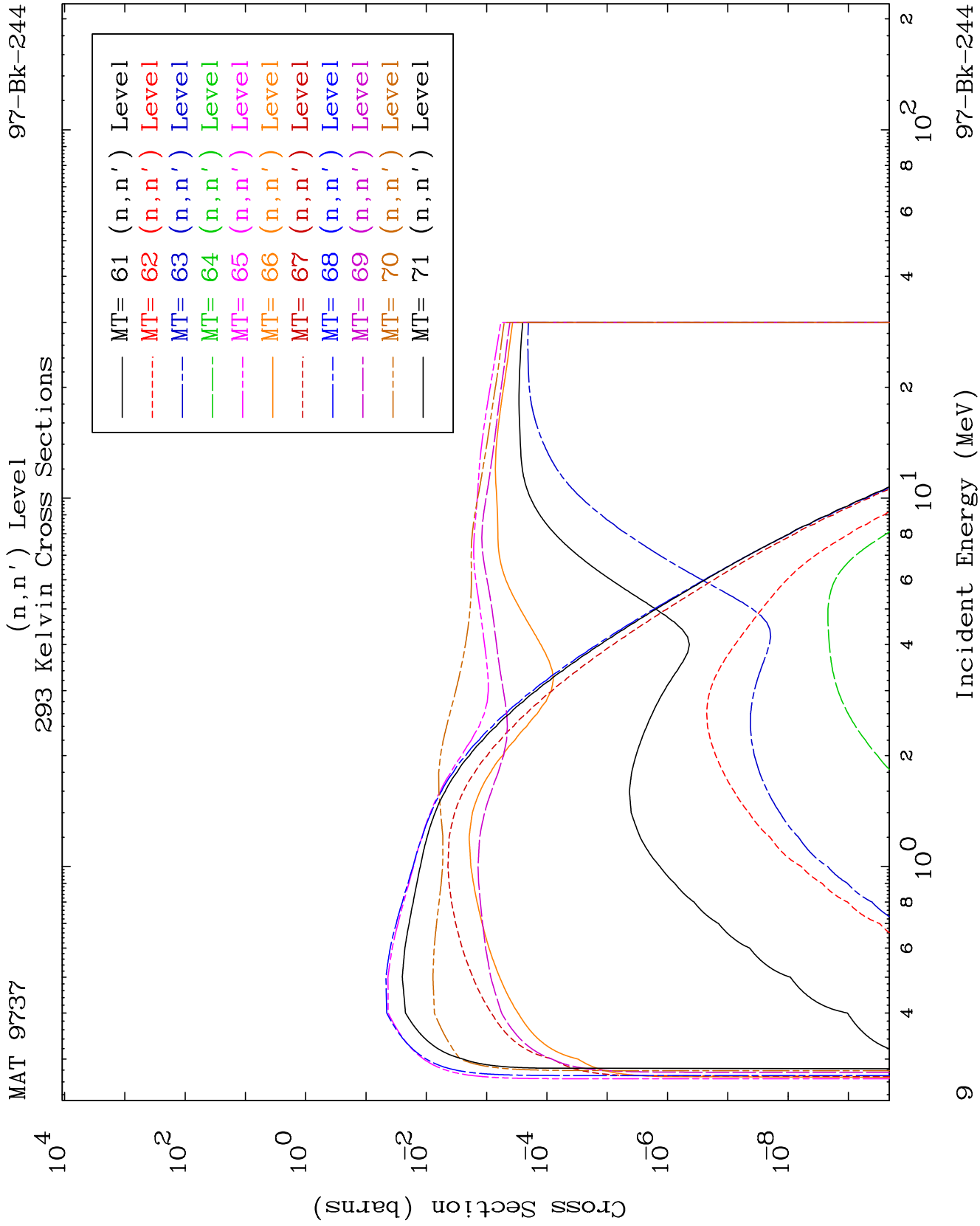
MAT 9737

(n,n') Level

97-Bk-244

293 Kelvin Cross Sections



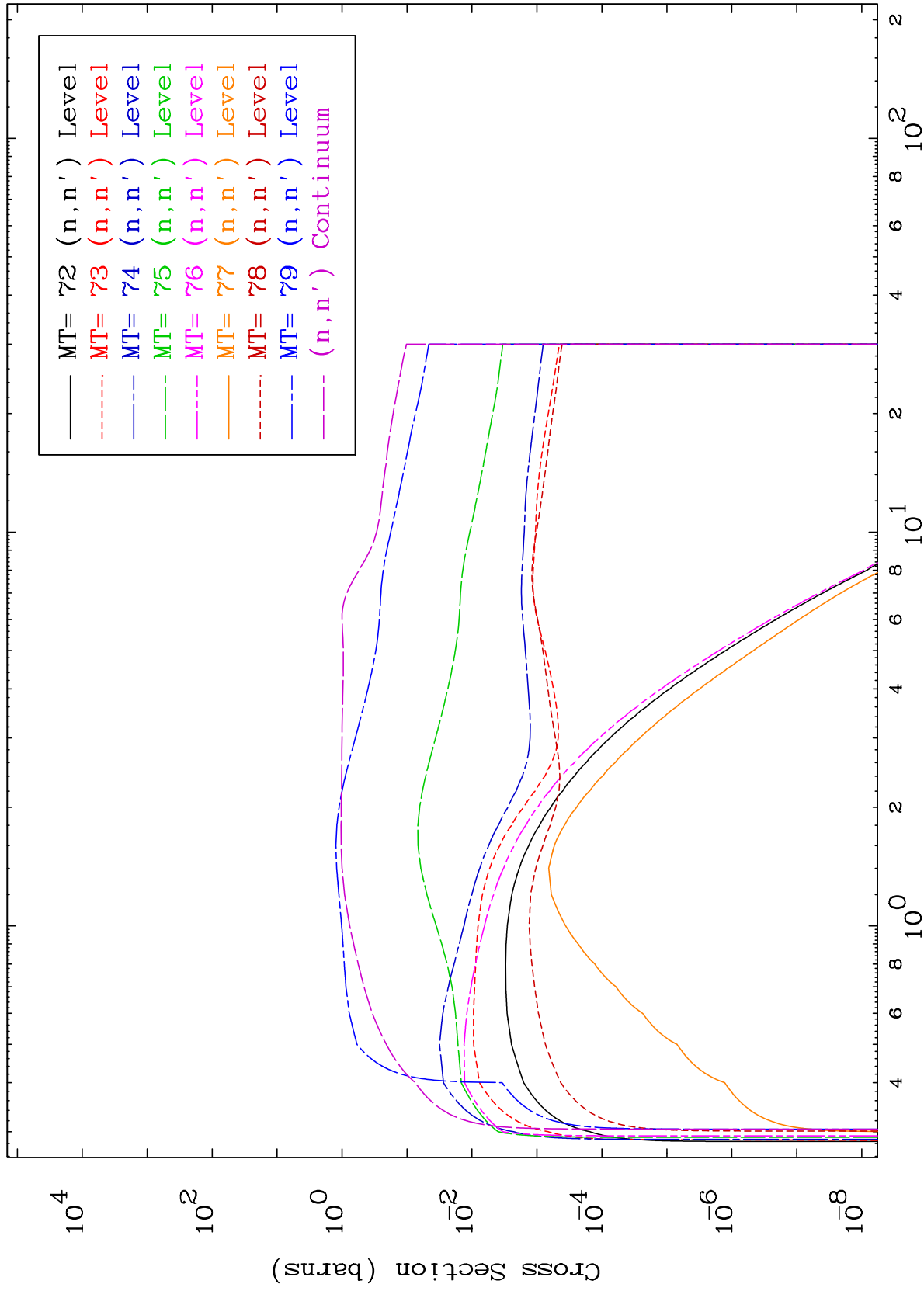


MAT 9737

(n,n') Level

293 Kelvin Cross Sections

97-Bk-244



10

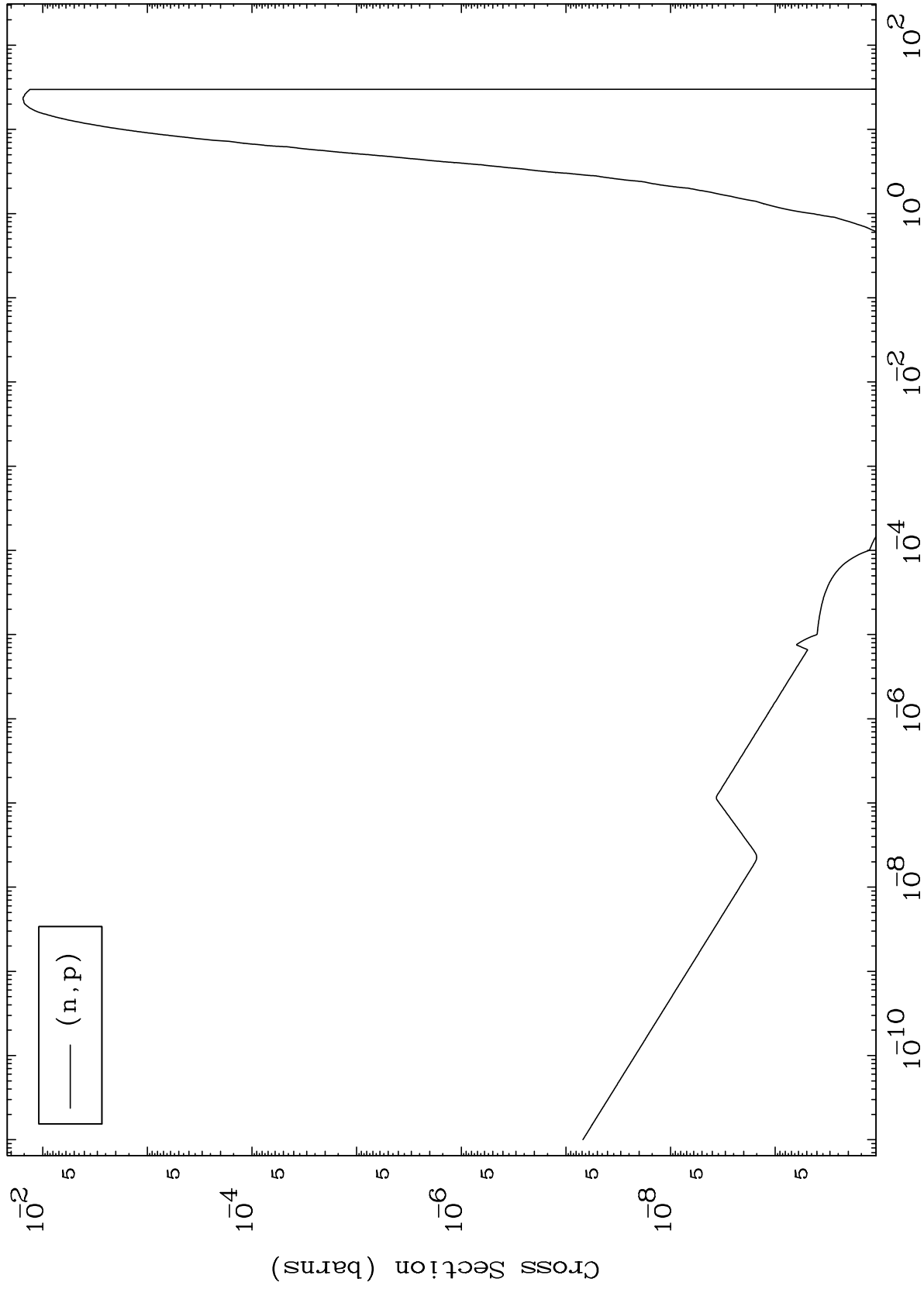
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,p) Levels
293 Kelvin Cross Sections

97-Bk-244



11

Incident Energy (MeV)

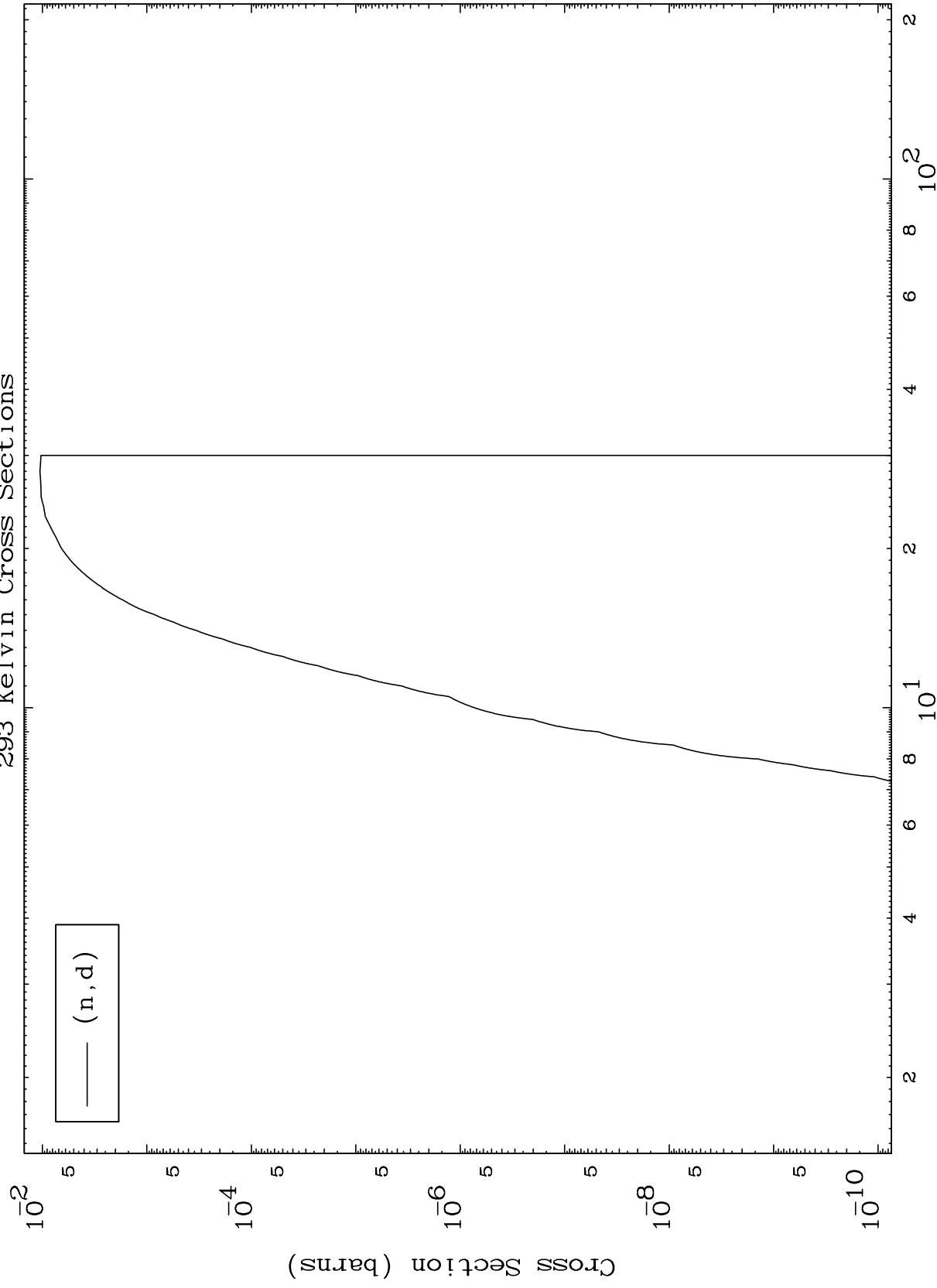
97-Bk-244

MAT 9737

(n,d) Levels

97-Bk-244

293 Kelvin Cross Sections



12

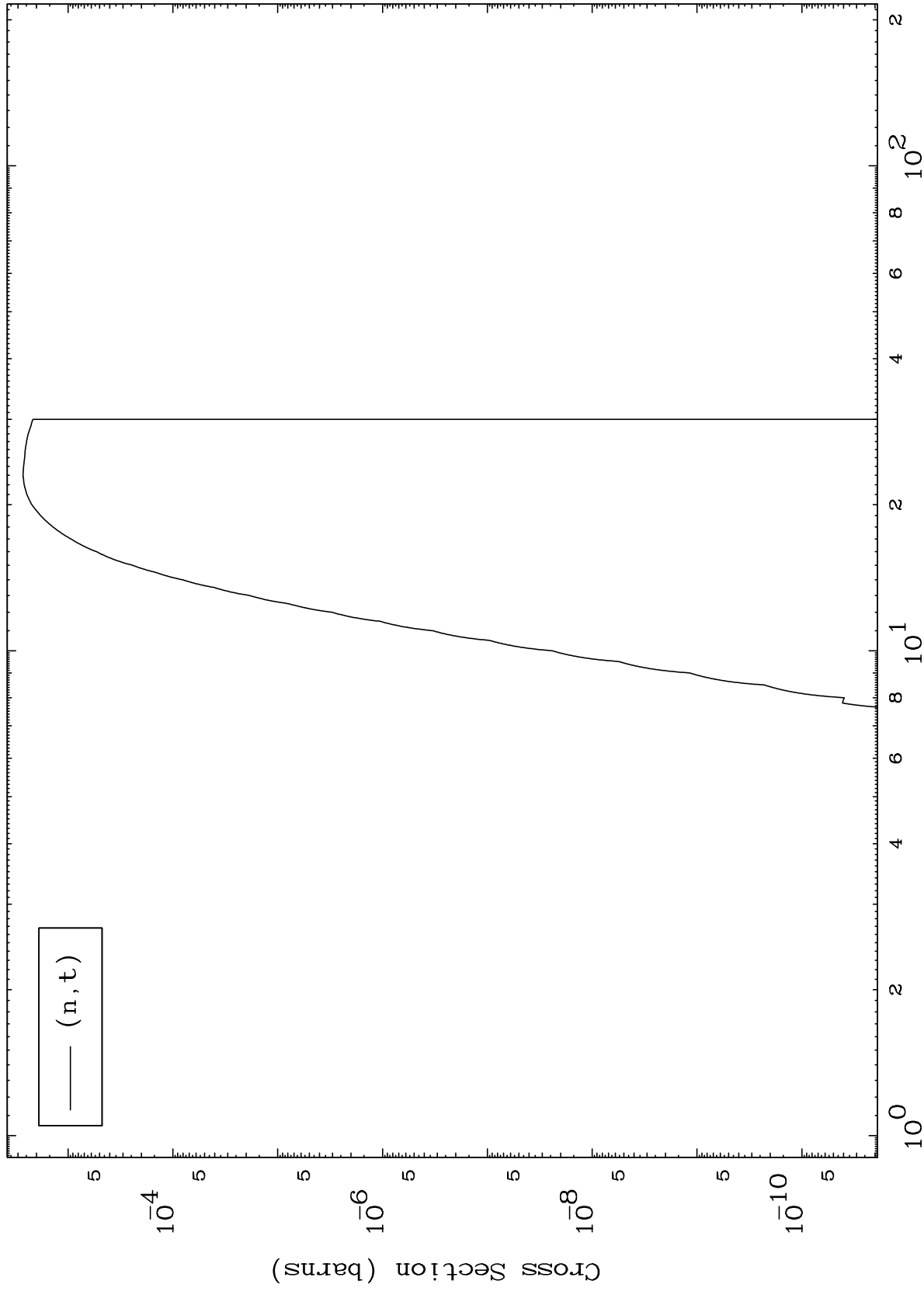
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,t) Levels
293 Kelvin Cross Sections

97-Bk-244



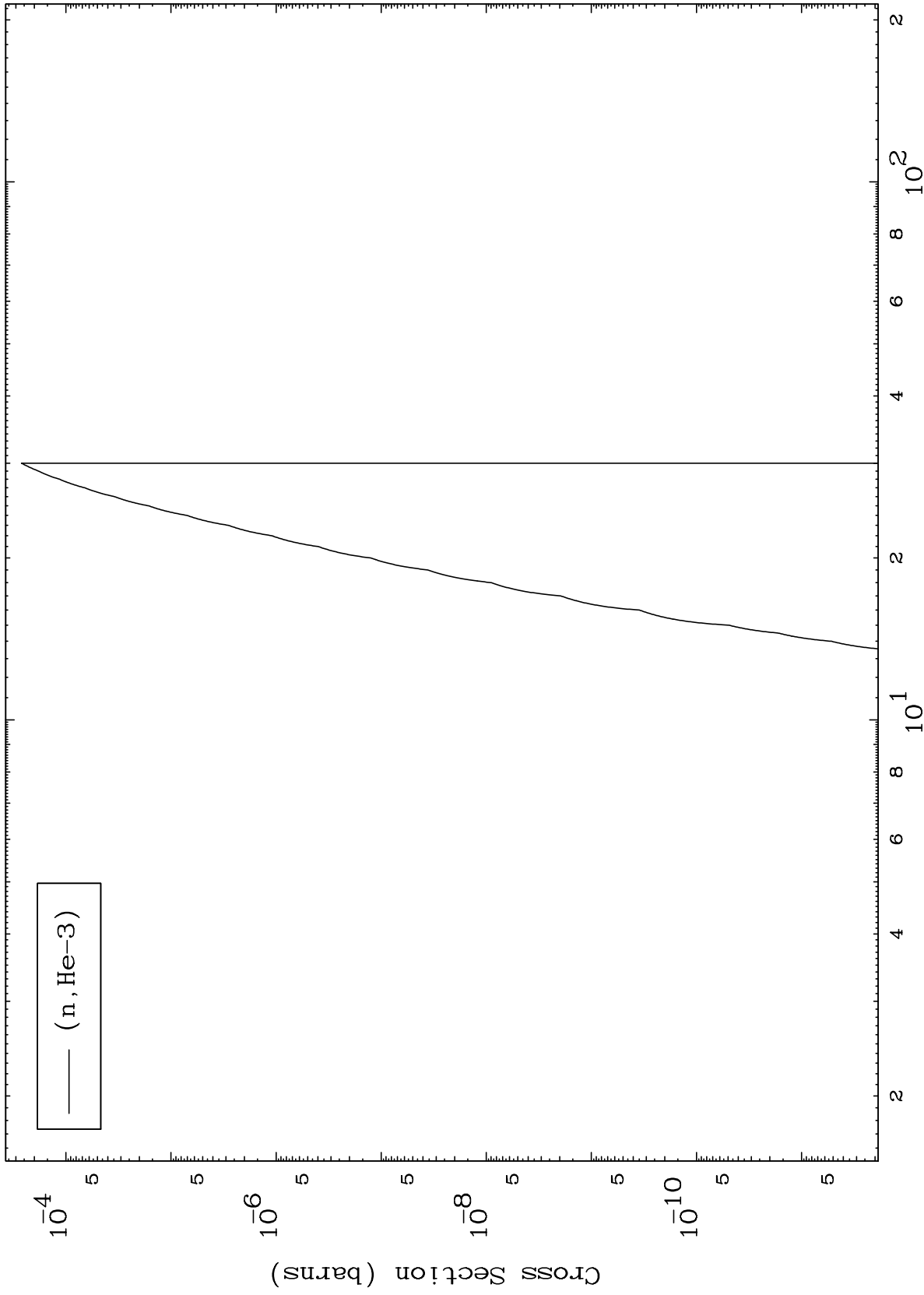
Incident Energy (MeV)

97-Bk-244

MAT 9737

(n,He3) Levels
293 Kelvin Cross Sections

97-Bk-244



14

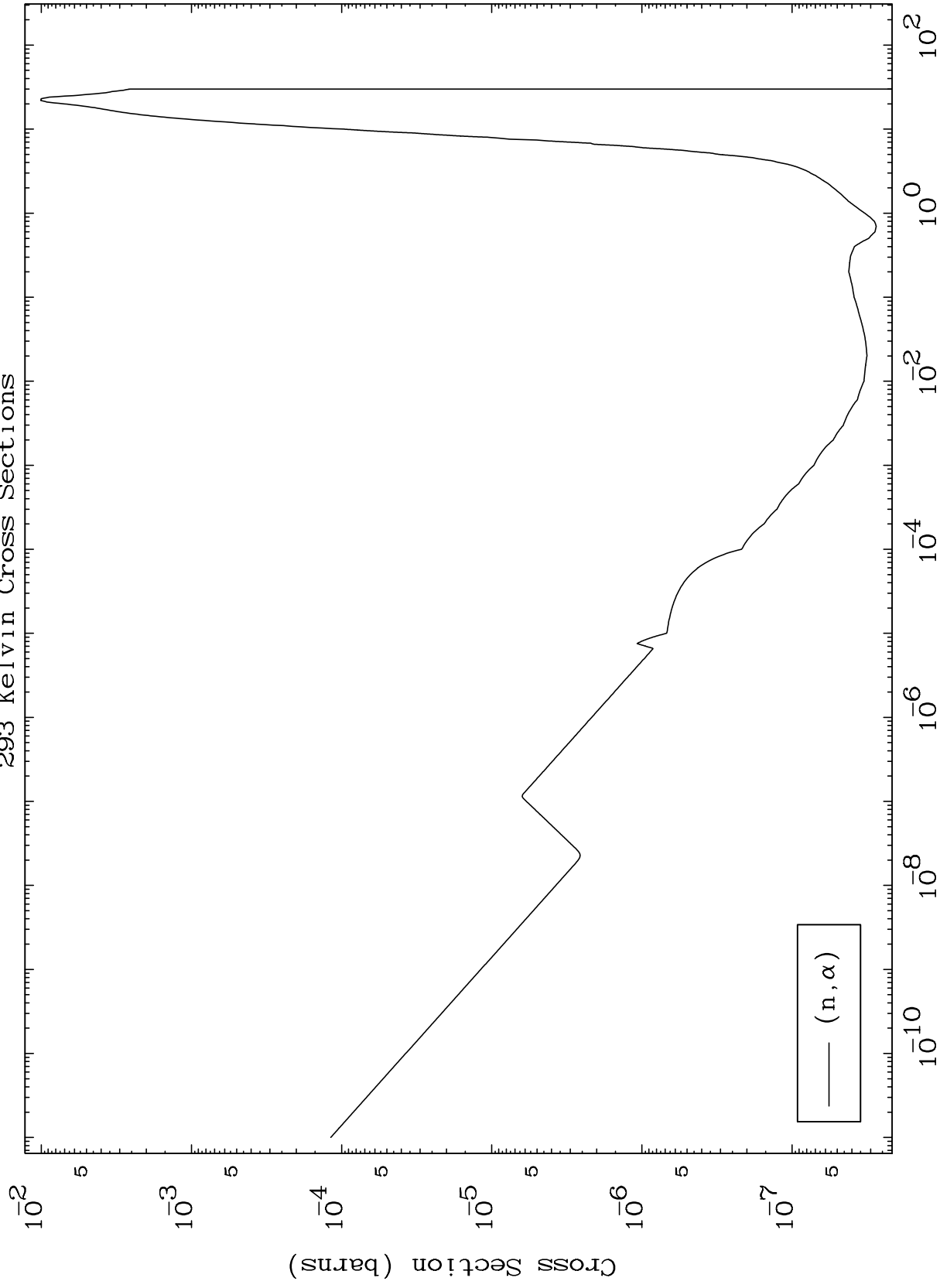
Incident Energy (MeV)

97-Bk-244

MAT 9737

293 Kelvin Cross Sections
(n, α) Levels

97-Bk-244



15

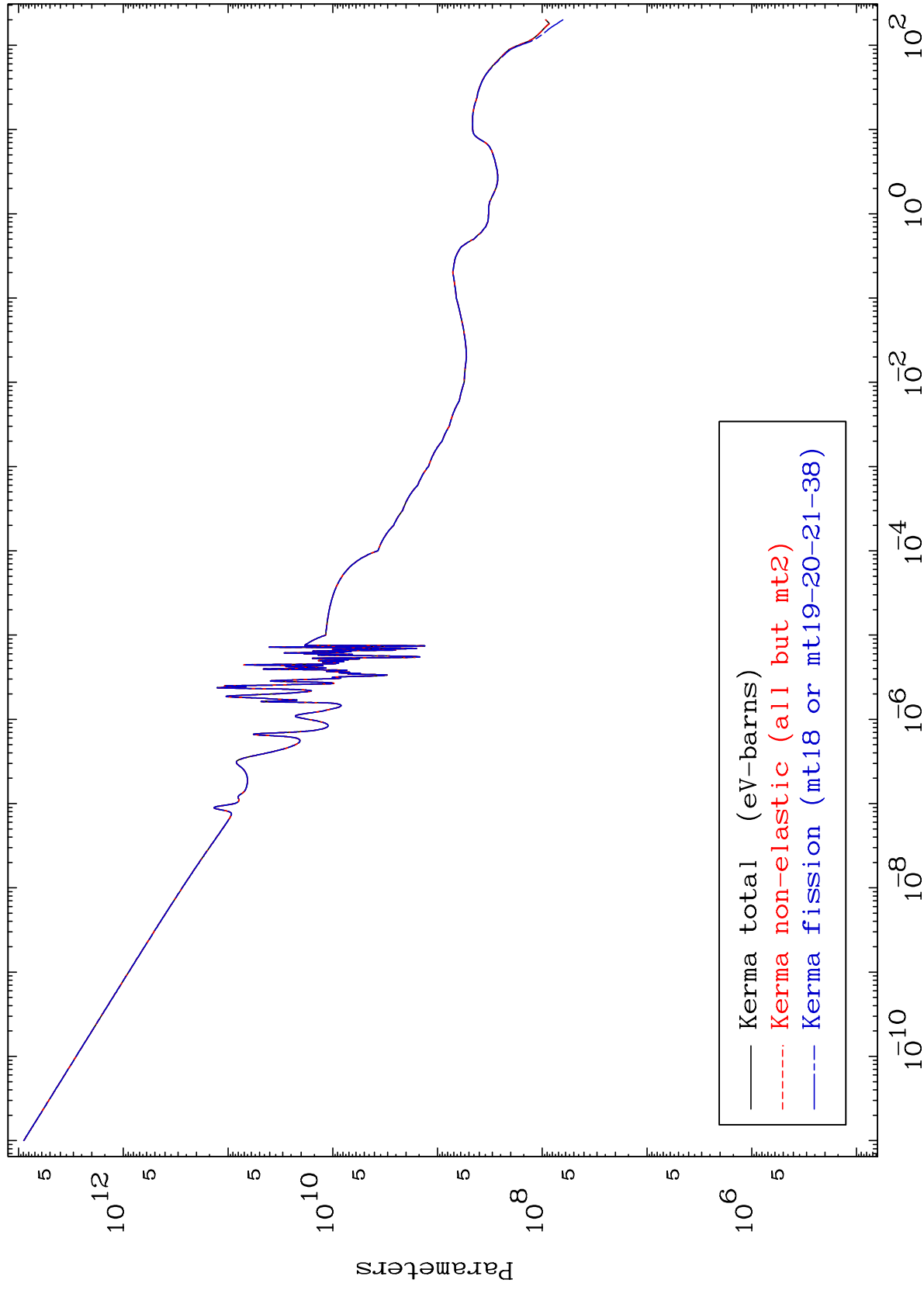
Incident Energy (MeV)

97-Bk-244

MAT 9737

Energy Release
Parameters

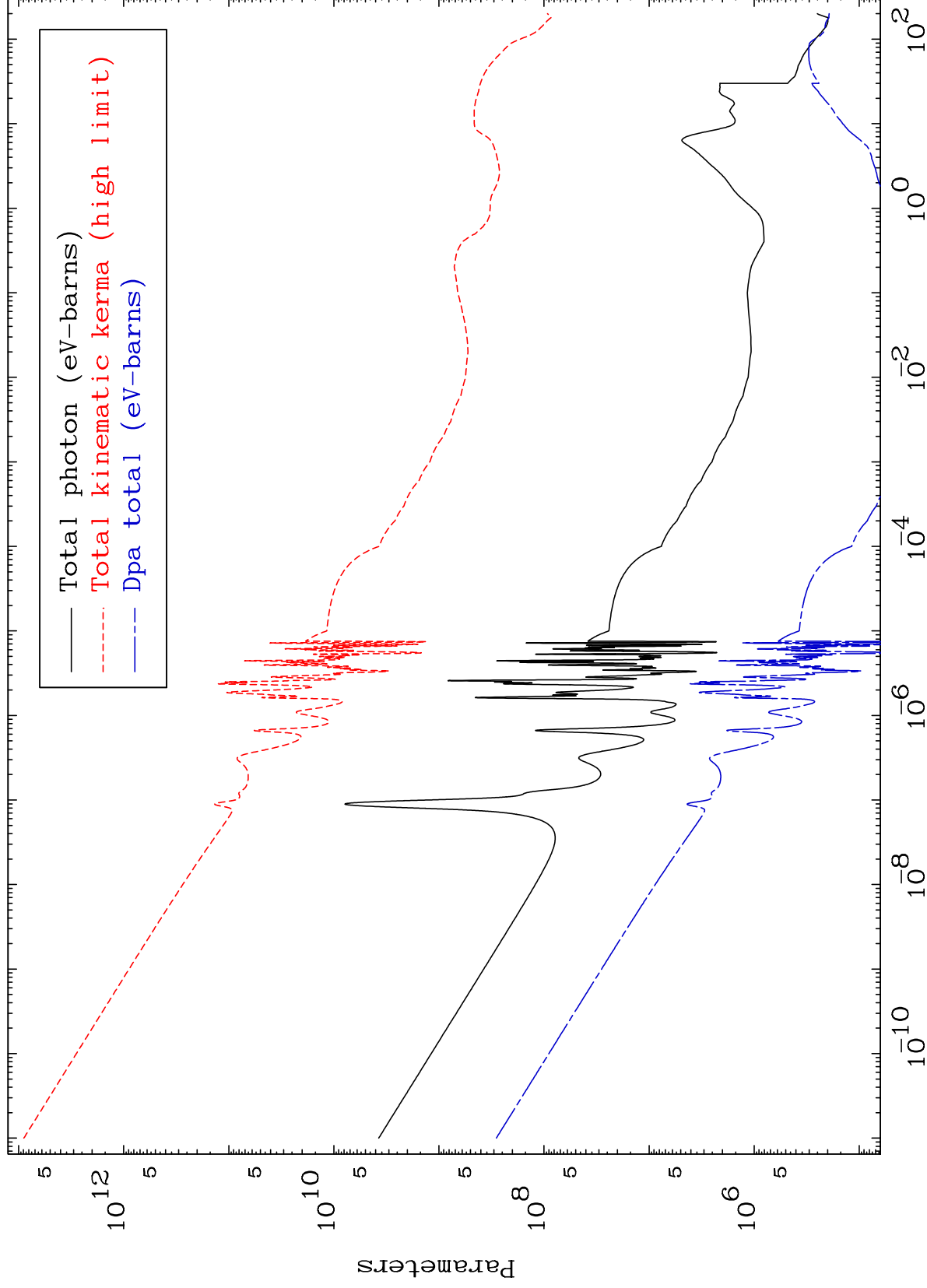
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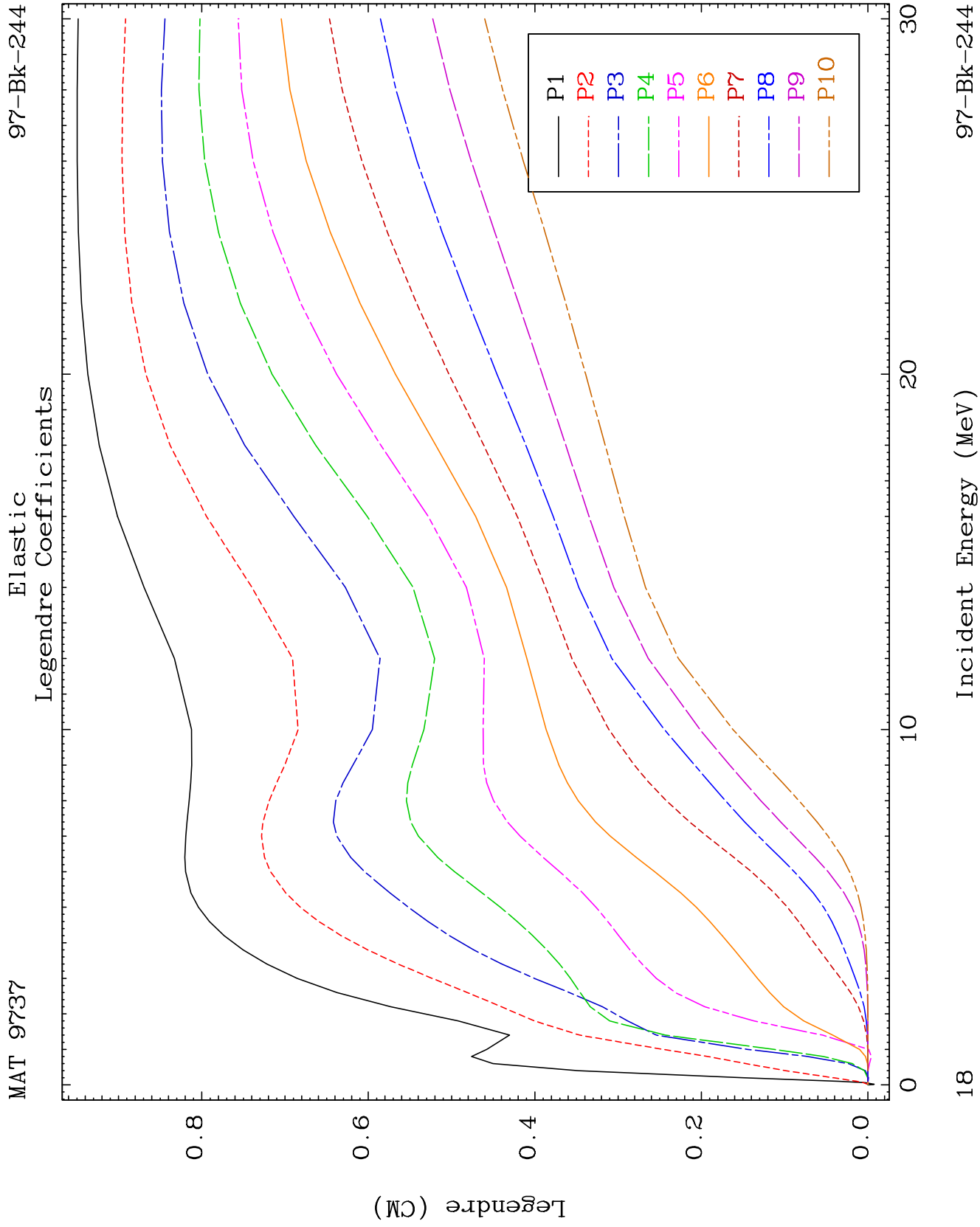


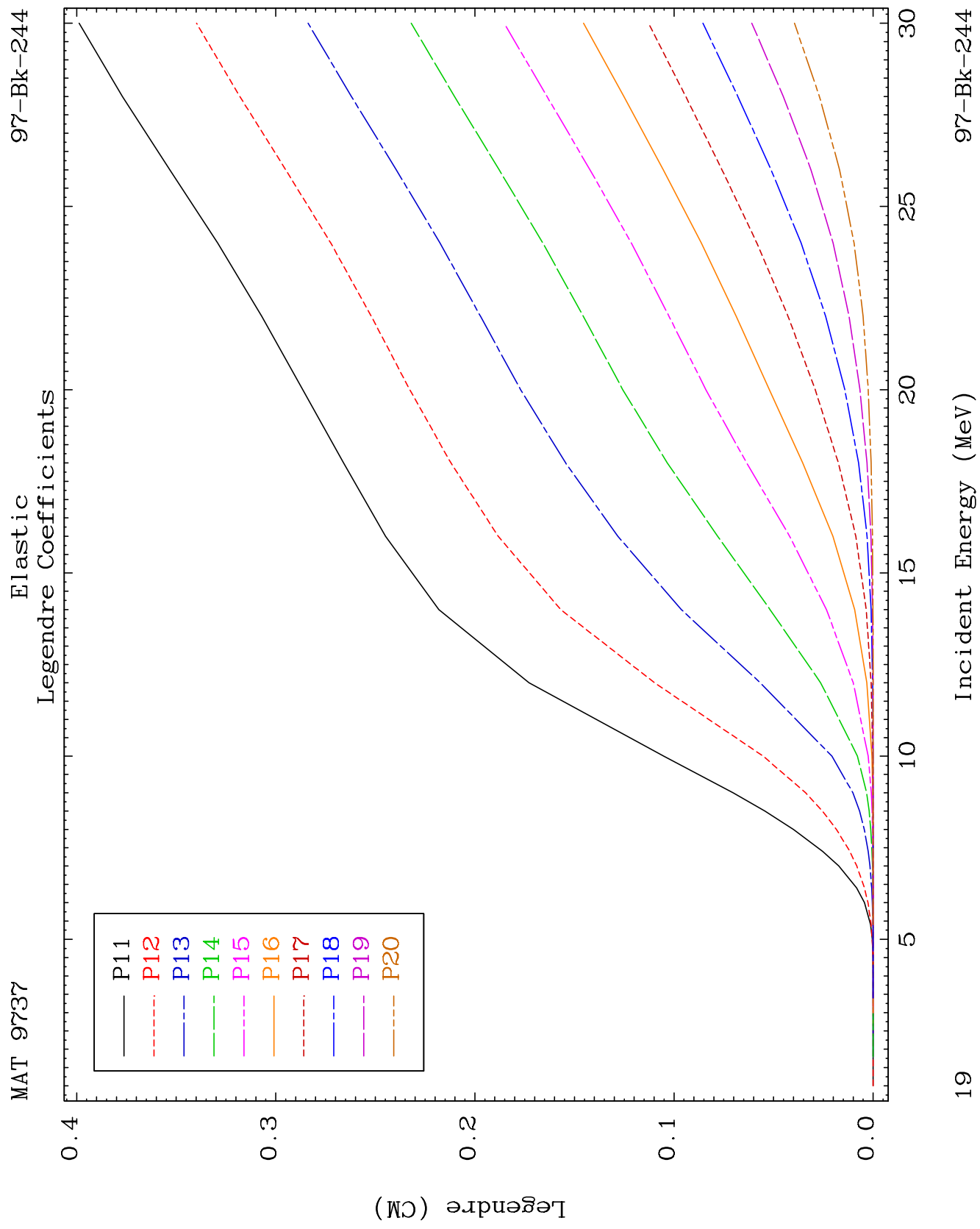
16

Incident Energy (MeV)

97-Bk-244



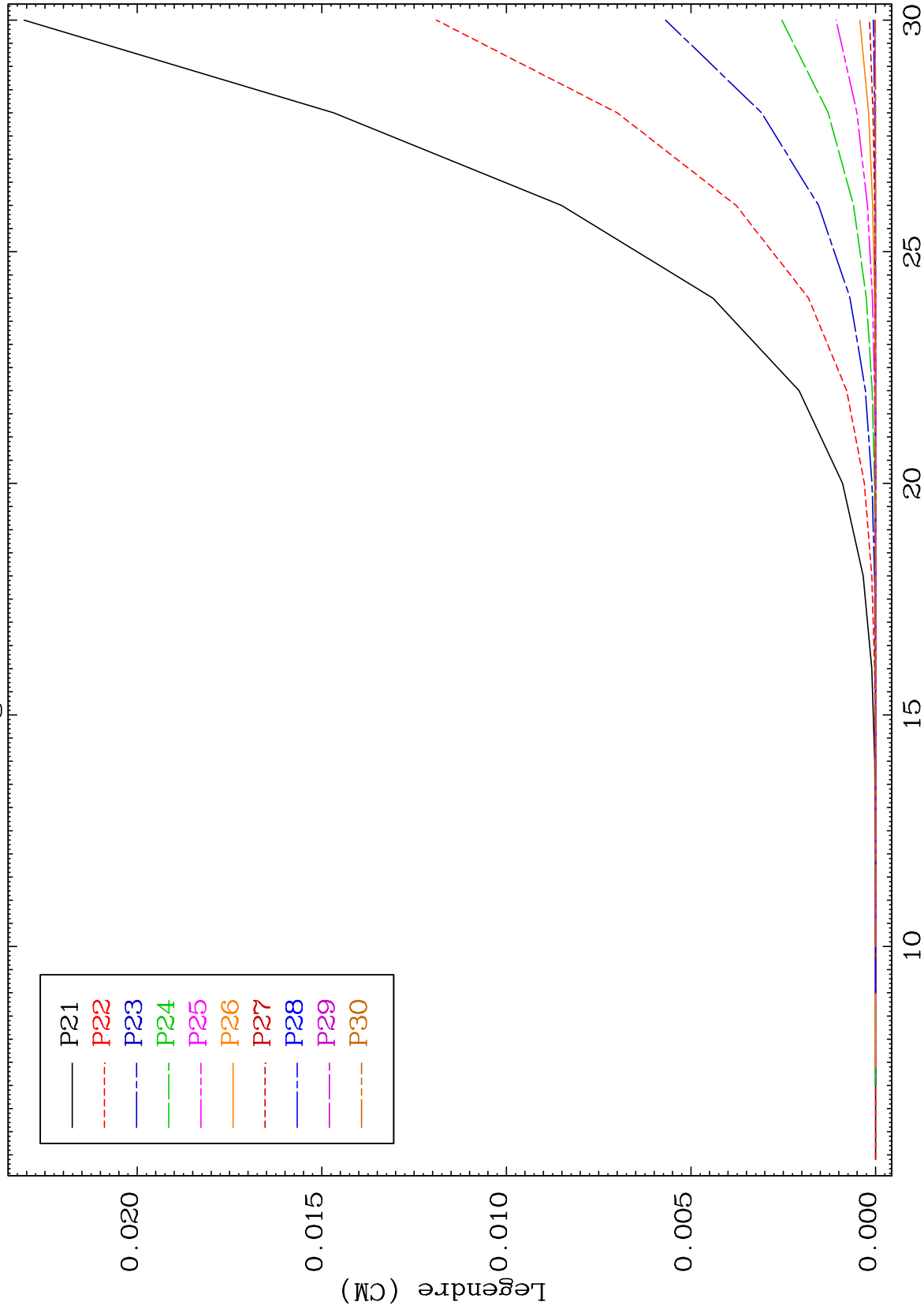




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Elastic
Legendre Coefficients

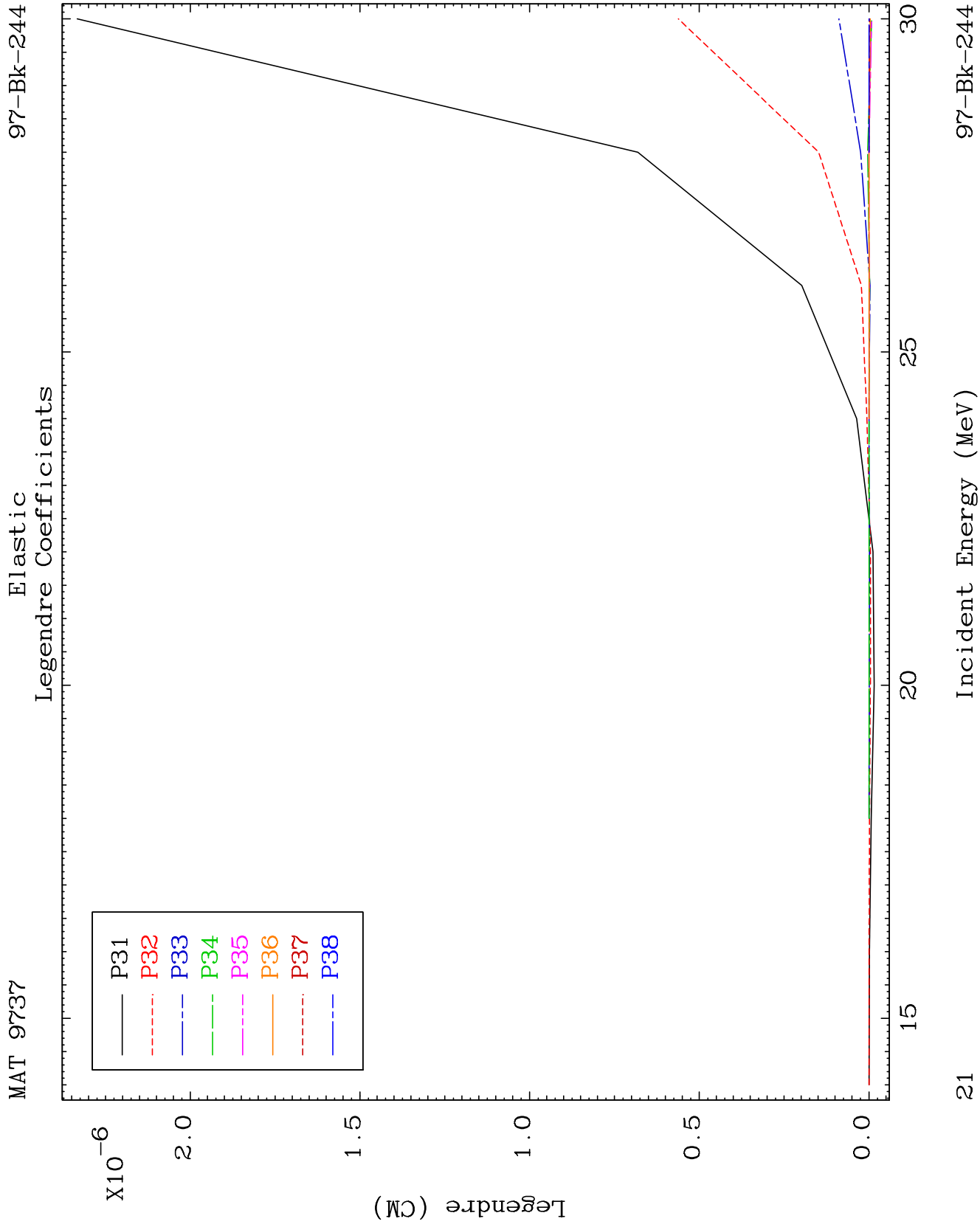
97-Bk-244



20

Incident Energy (MeV)

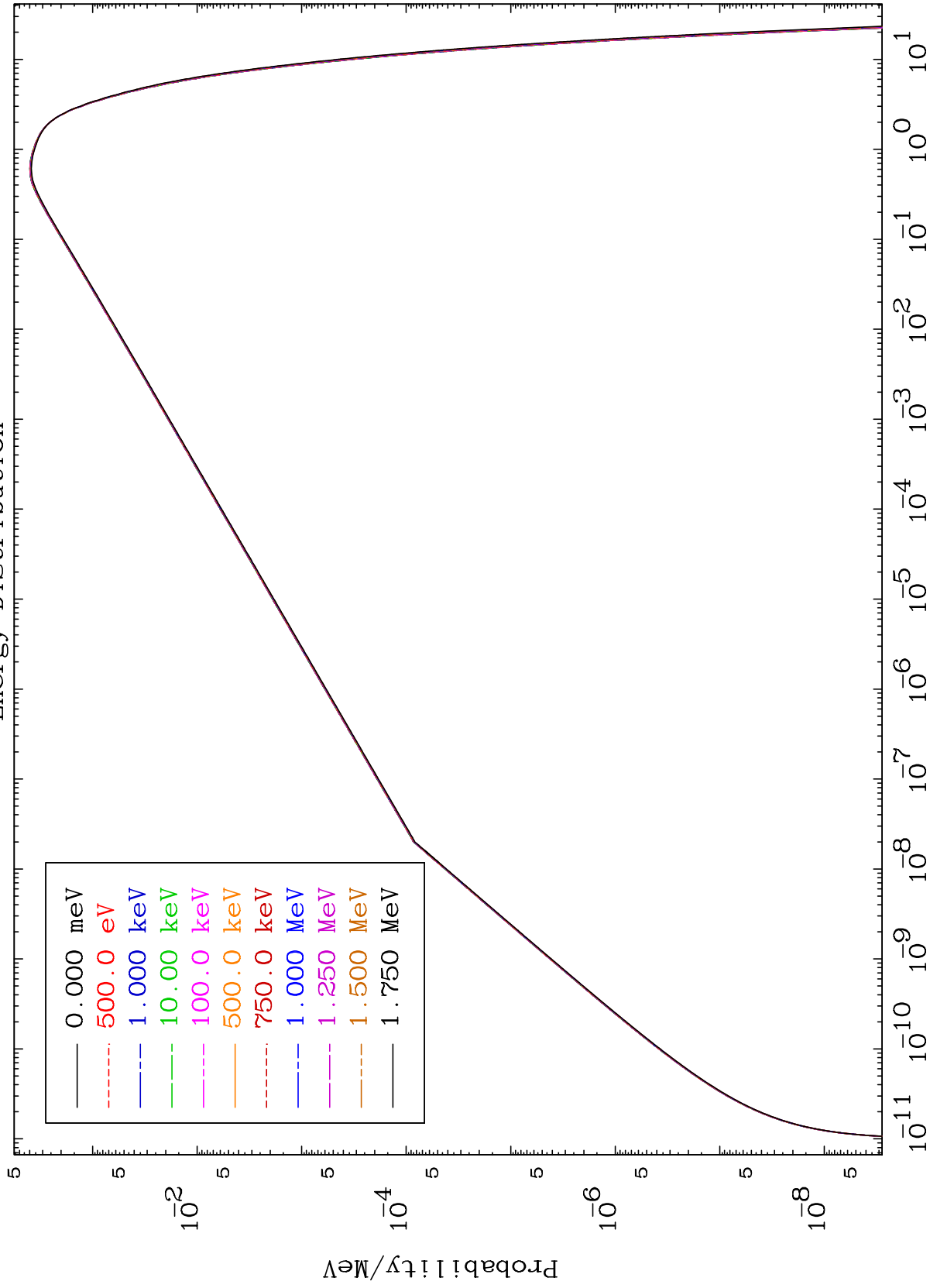
97-Bk-244



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Fission
Energy Distribution

97-Bk-244



22

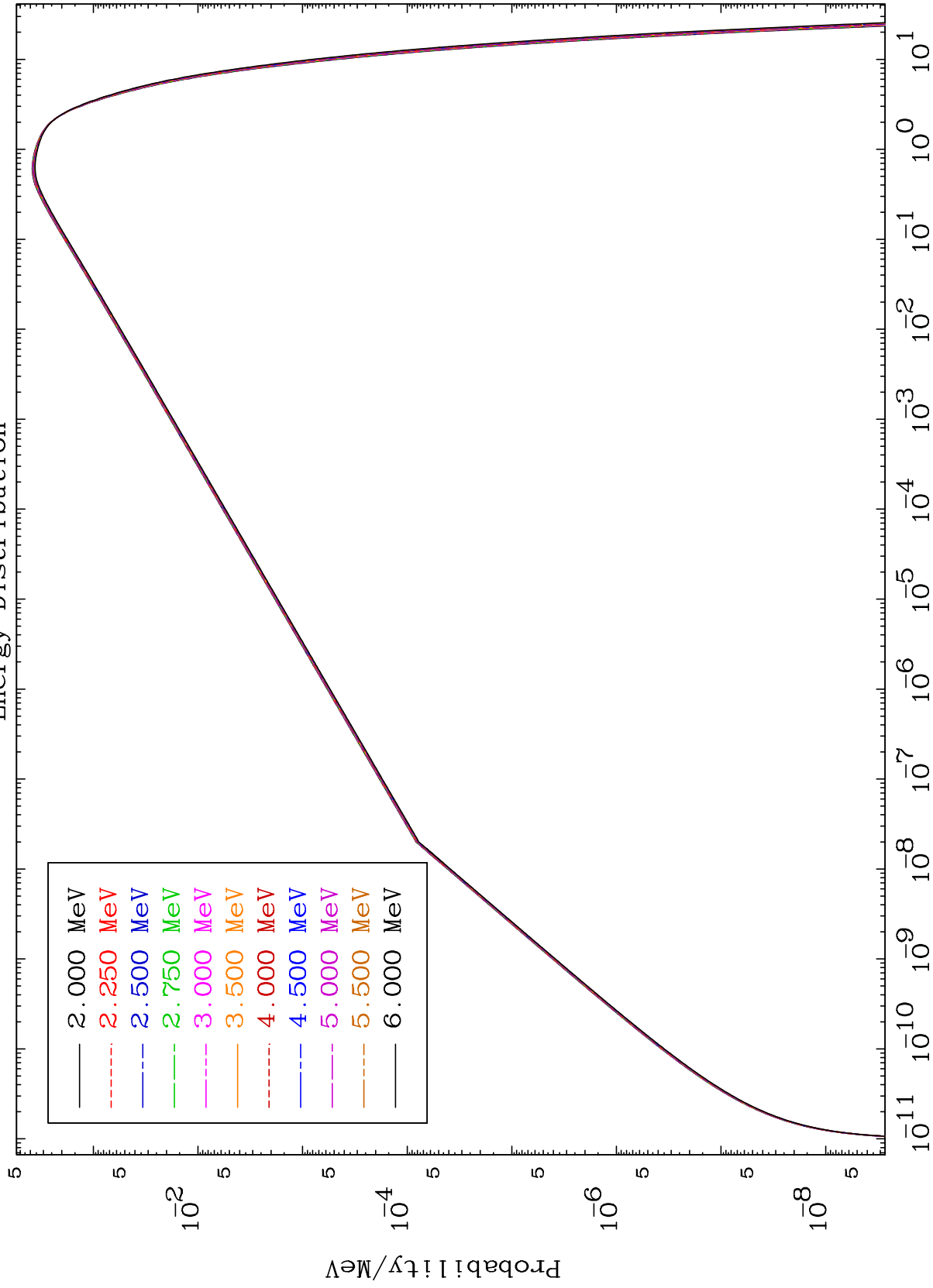
Secondary Energy (MeV)

97-Bk-244

MAT 9737

Fission
Energy Distribution

97-Bk-244



23

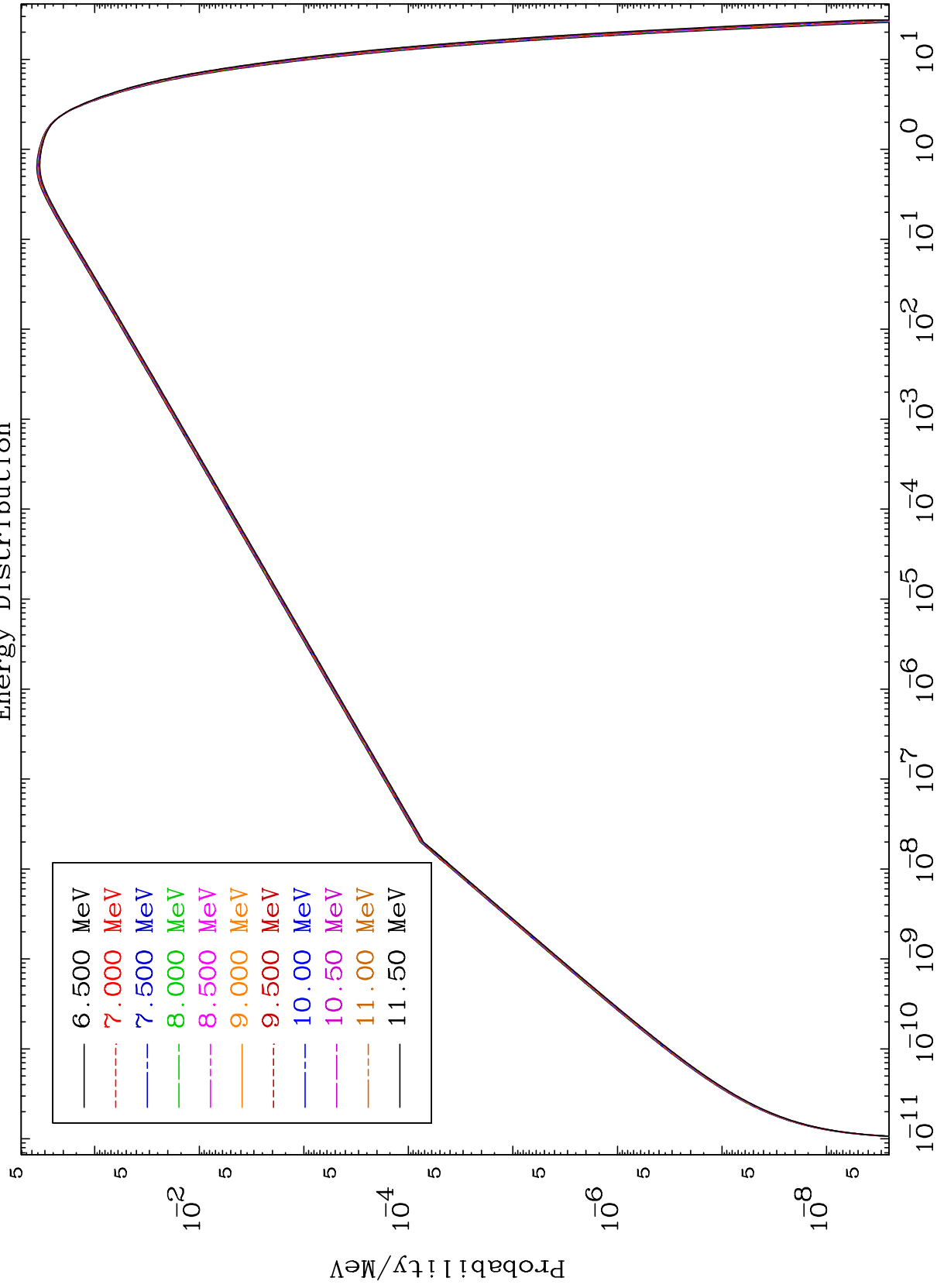
Secondary Energy (MeV)

97-Bk-244

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Fission
Energy Distribution

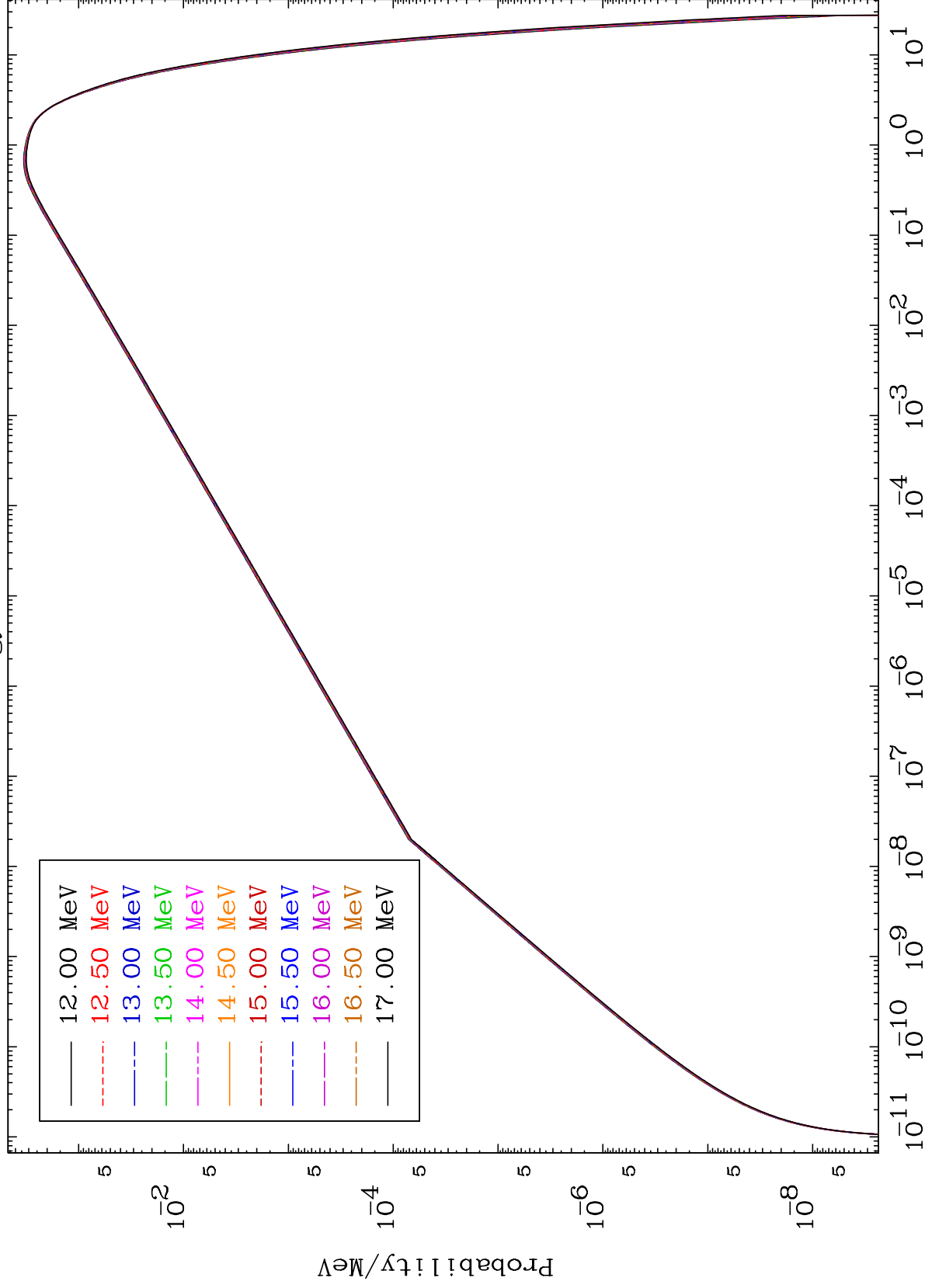
97-Bk-244



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Fission
Energy Distribution

97-Bk-244



25

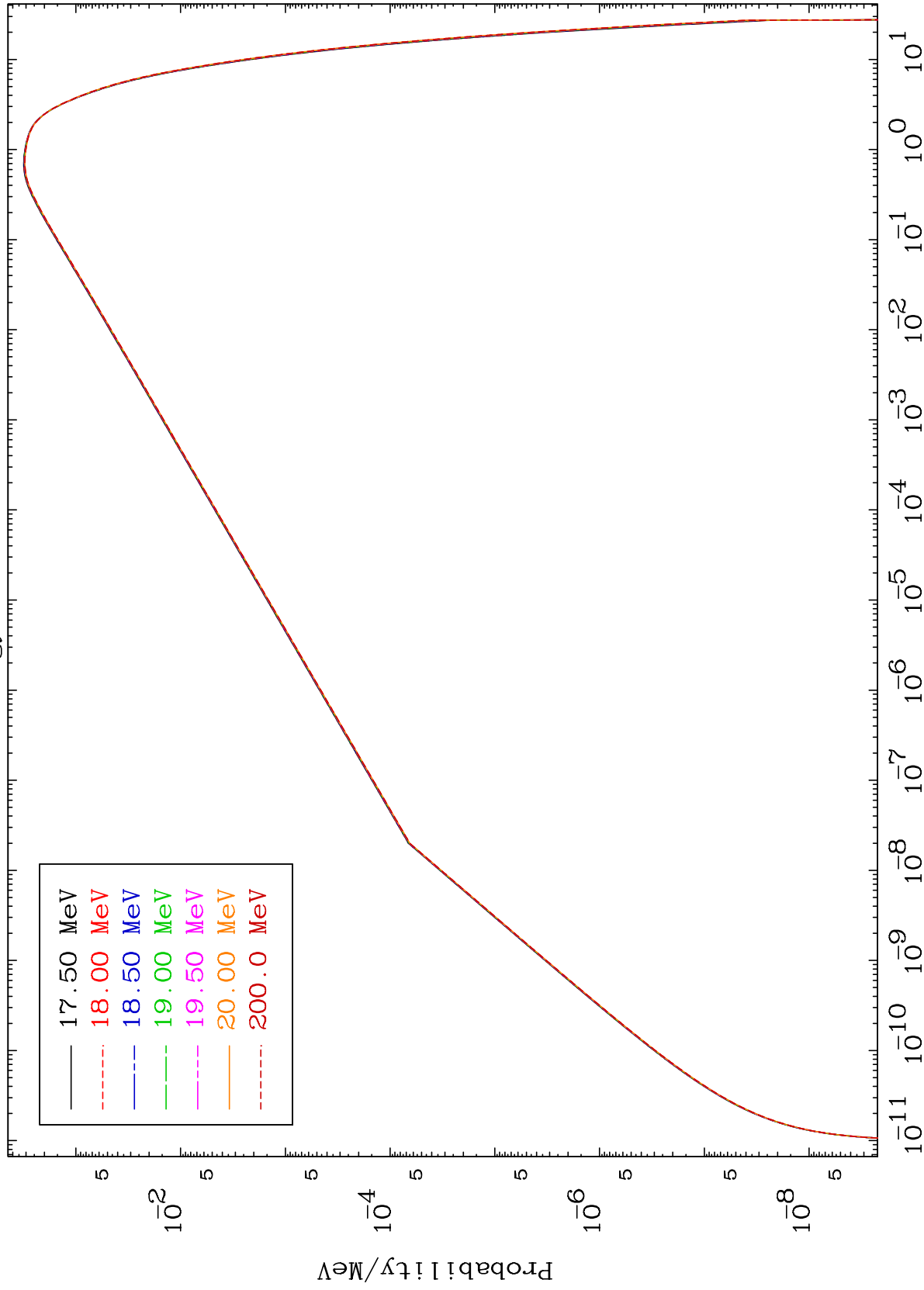
Secondary Energy (MeV)

97-Bk-244

MAT 9737

Fission
Energy Distribution

97-Bk-244



26

Secondary Energy (MeV)

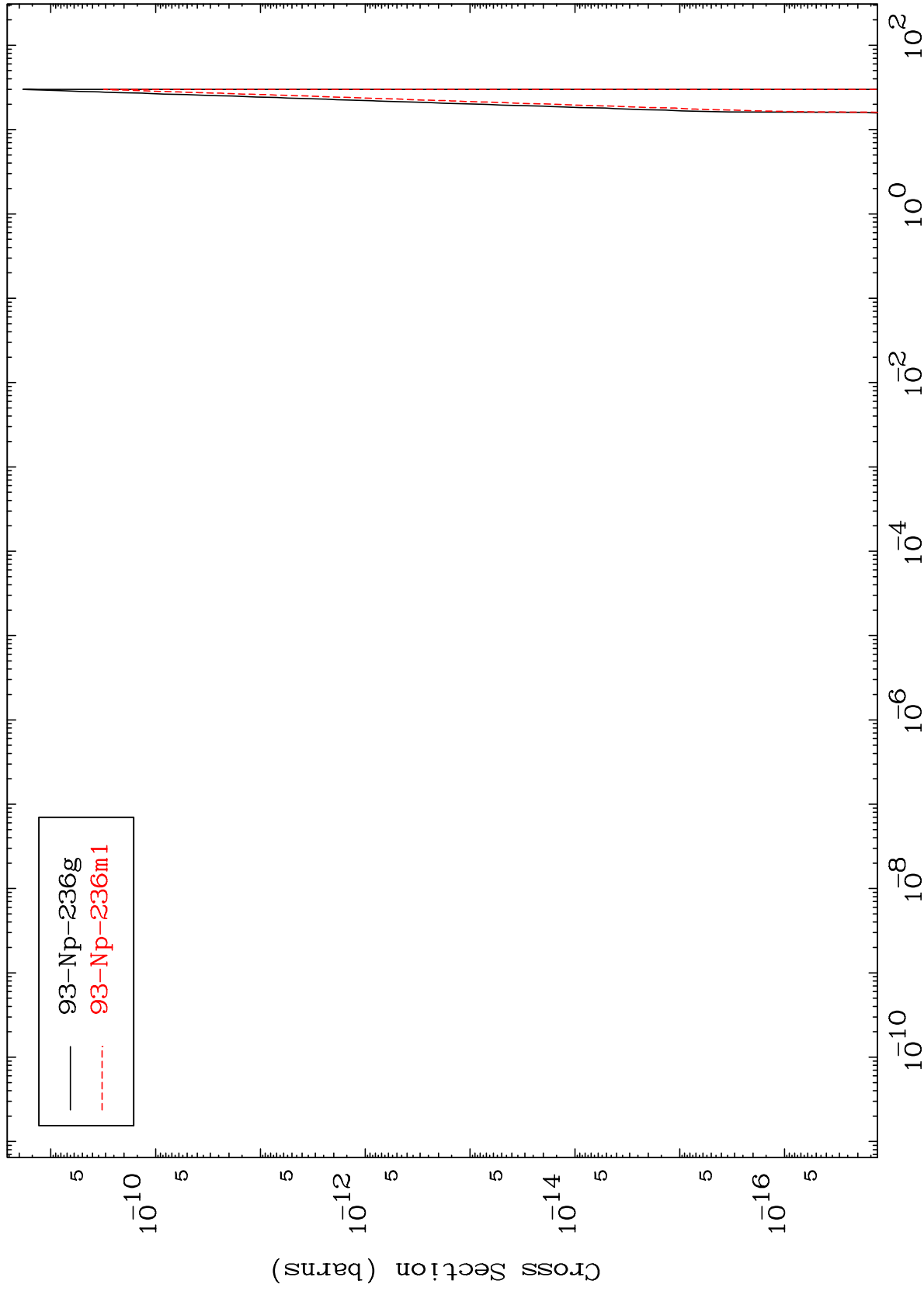
97-Bk-244

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(n,n') 2α

97-Bk-244

Radionuclide Production Cross Section



27

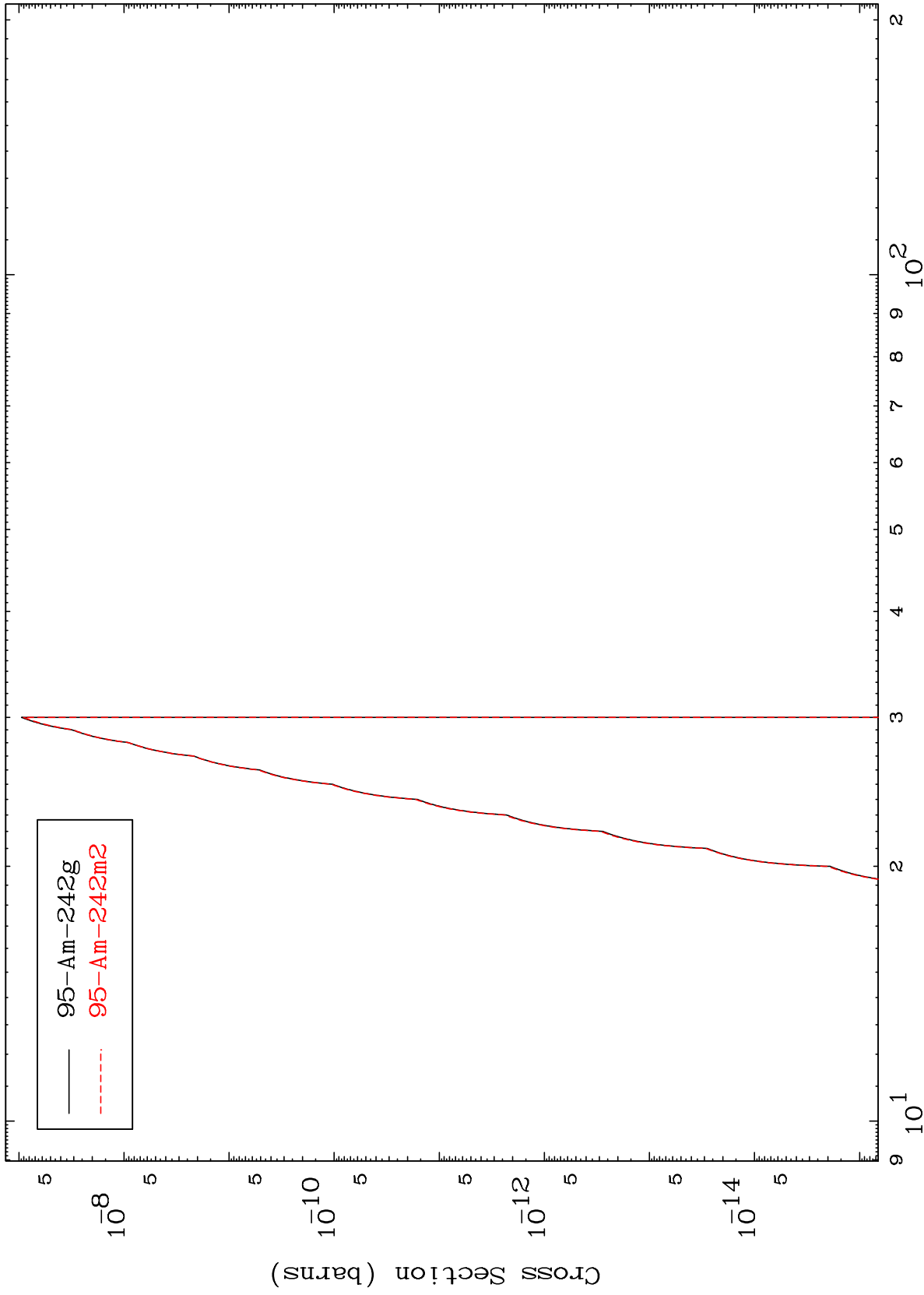
Incident Energy (MeV)

97-Bk-244

MAT 9737

97-Bk-244

(n,2n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

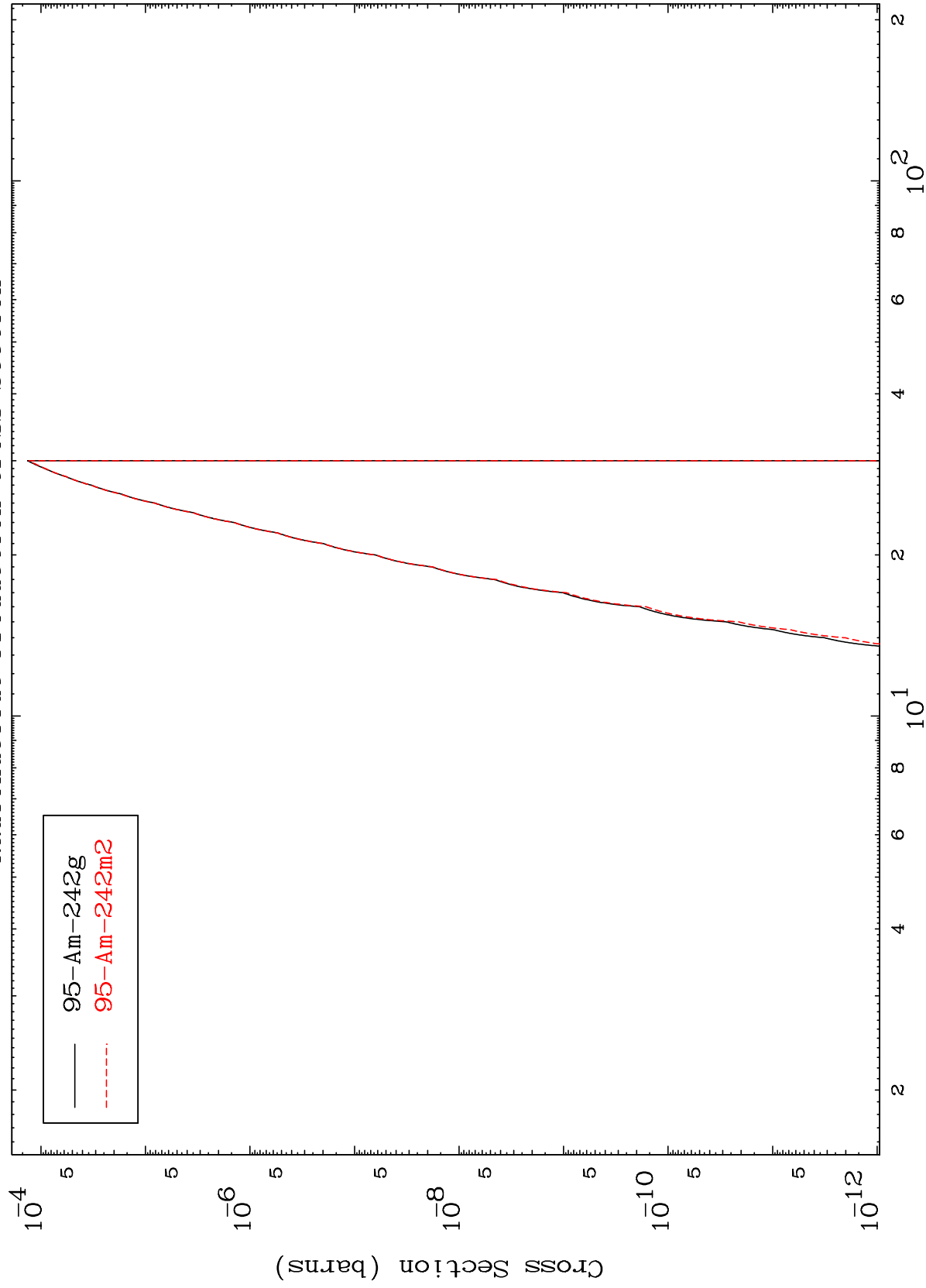
97-Bk-244

MAT 9737

(n,He-3)

97-Bk-244

Radionuclide Production Cross Section



29

Incident Energy (MeV)

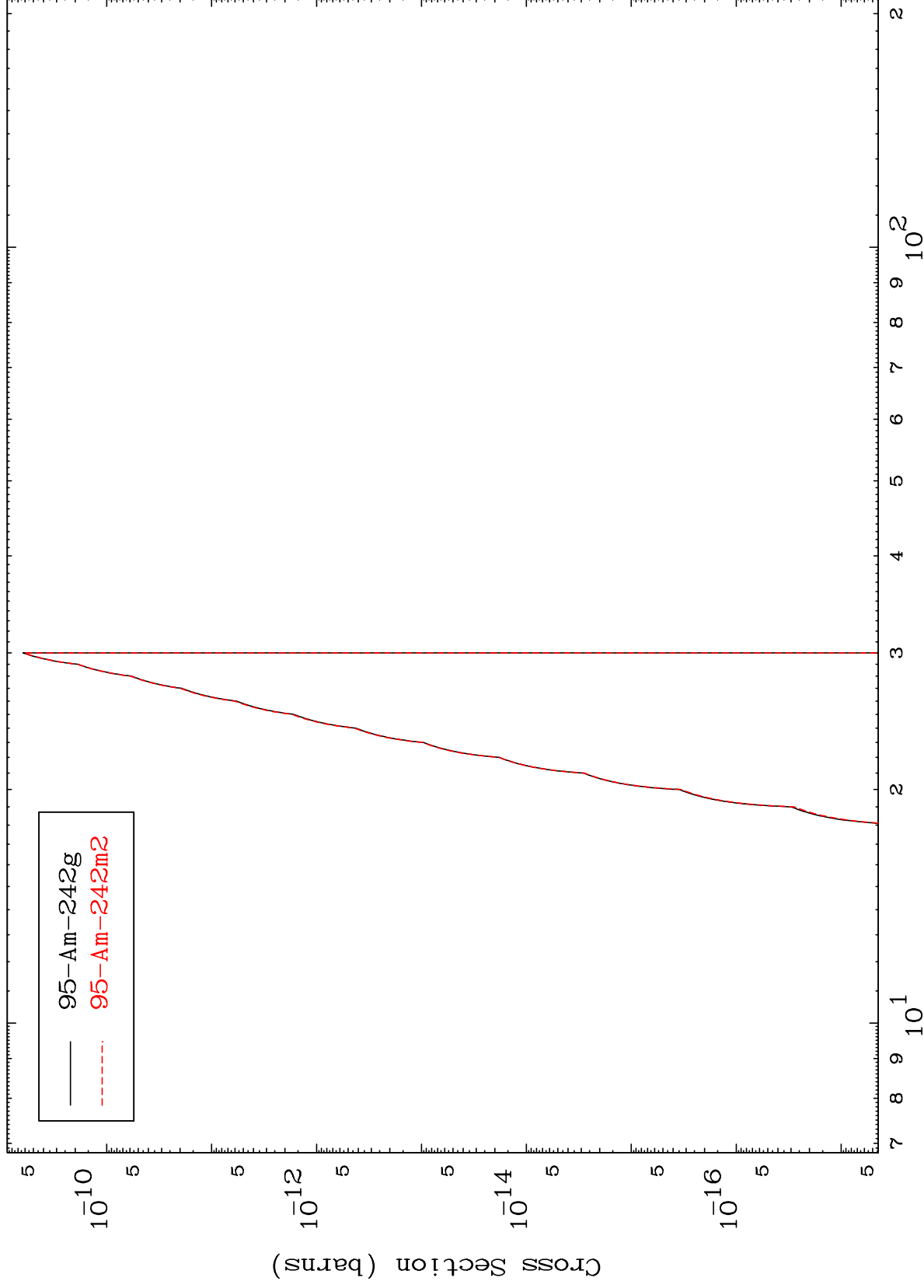
97-Bk-244

MAT 9737

(n,p) d

97-Bk-244

Radionuclide Production Cross Section



30

Incident Energy (MeV)

97-Bk-244