

Program EVALPLOT
(Version 2018-1)

by

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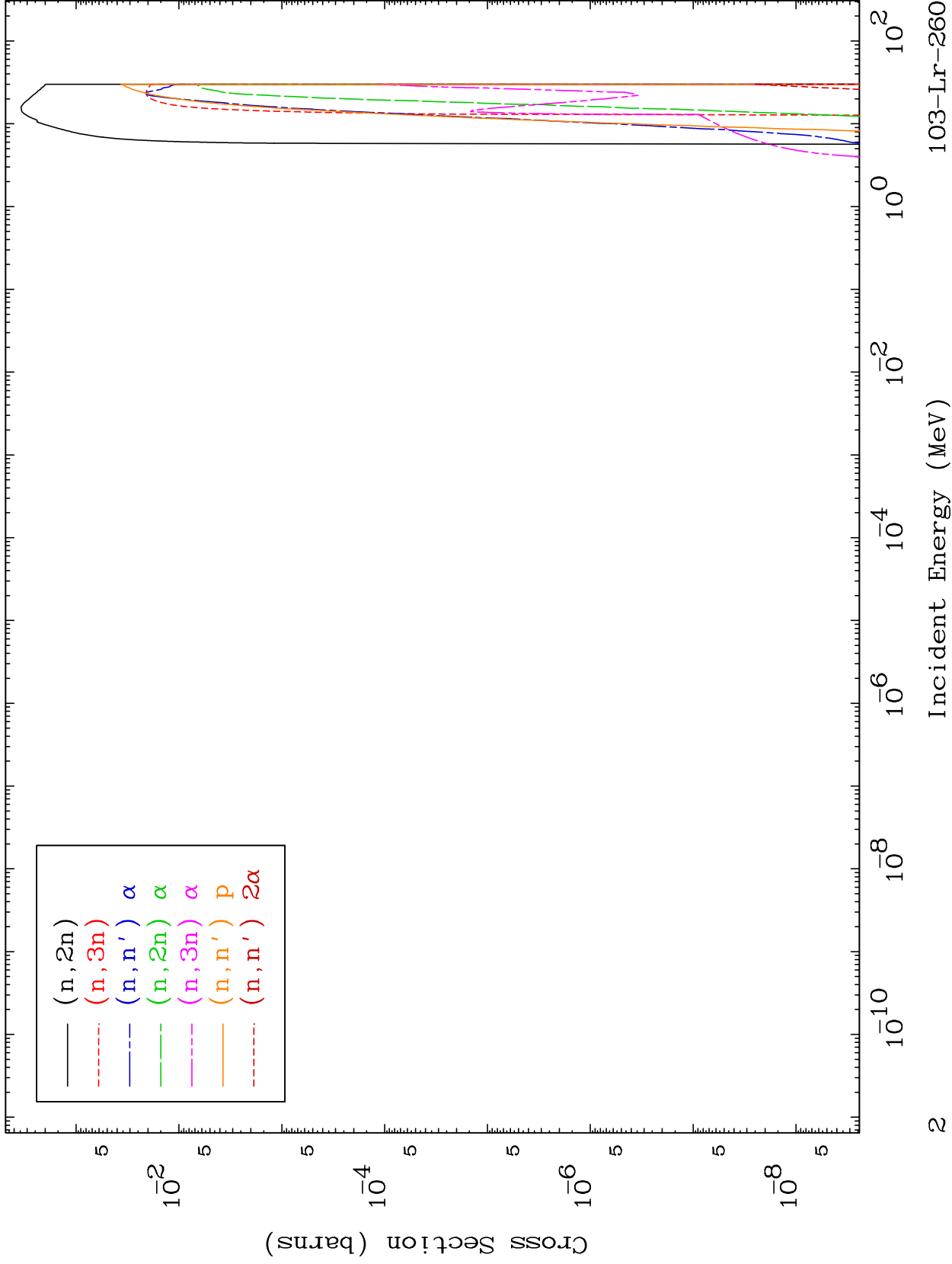
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9989

Neutron Production
293 Kelvin Cross Sections

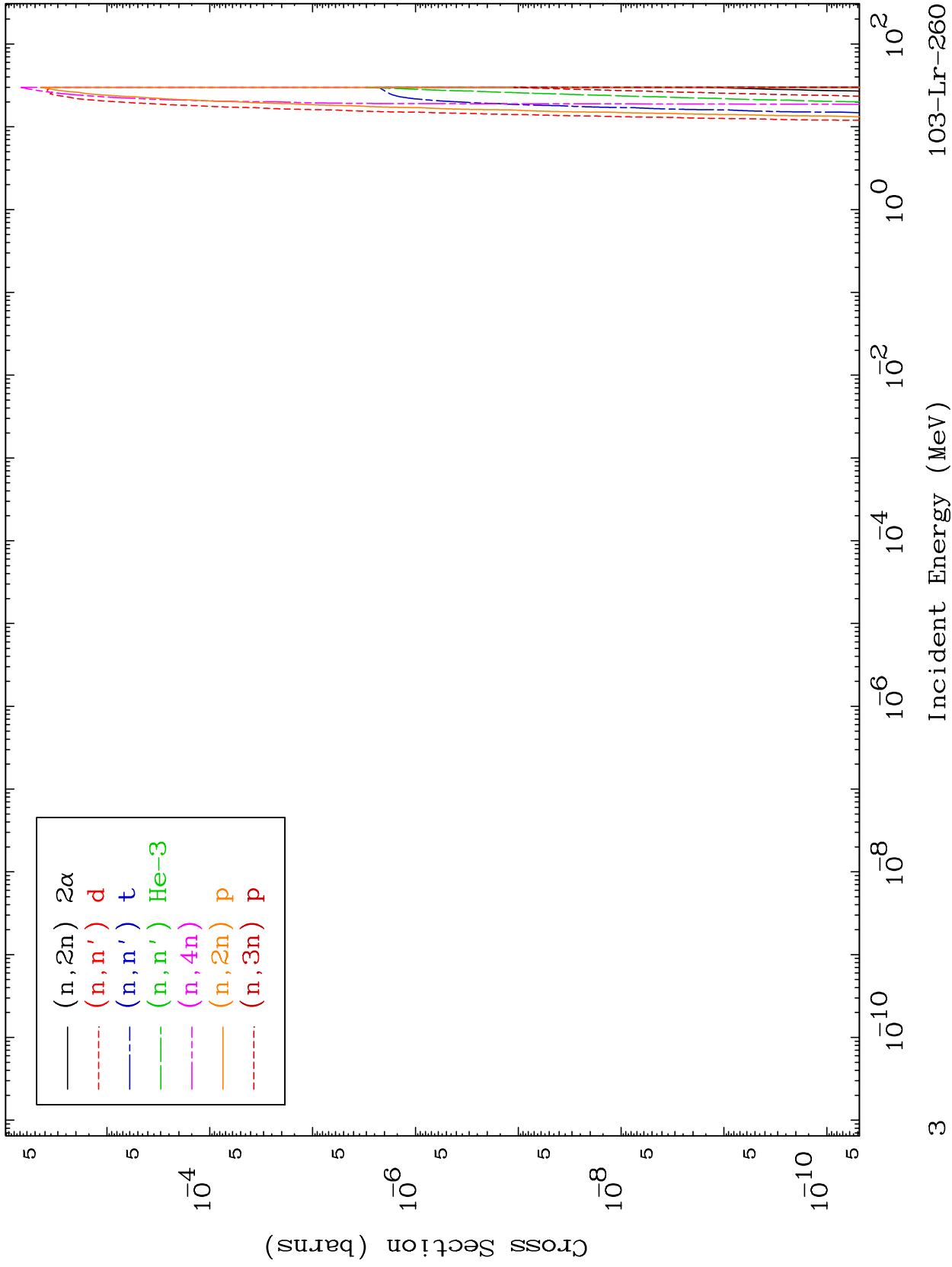
103-Lr-260



MAT 9989

Neutron Production
293 Kelvin Cross Sections

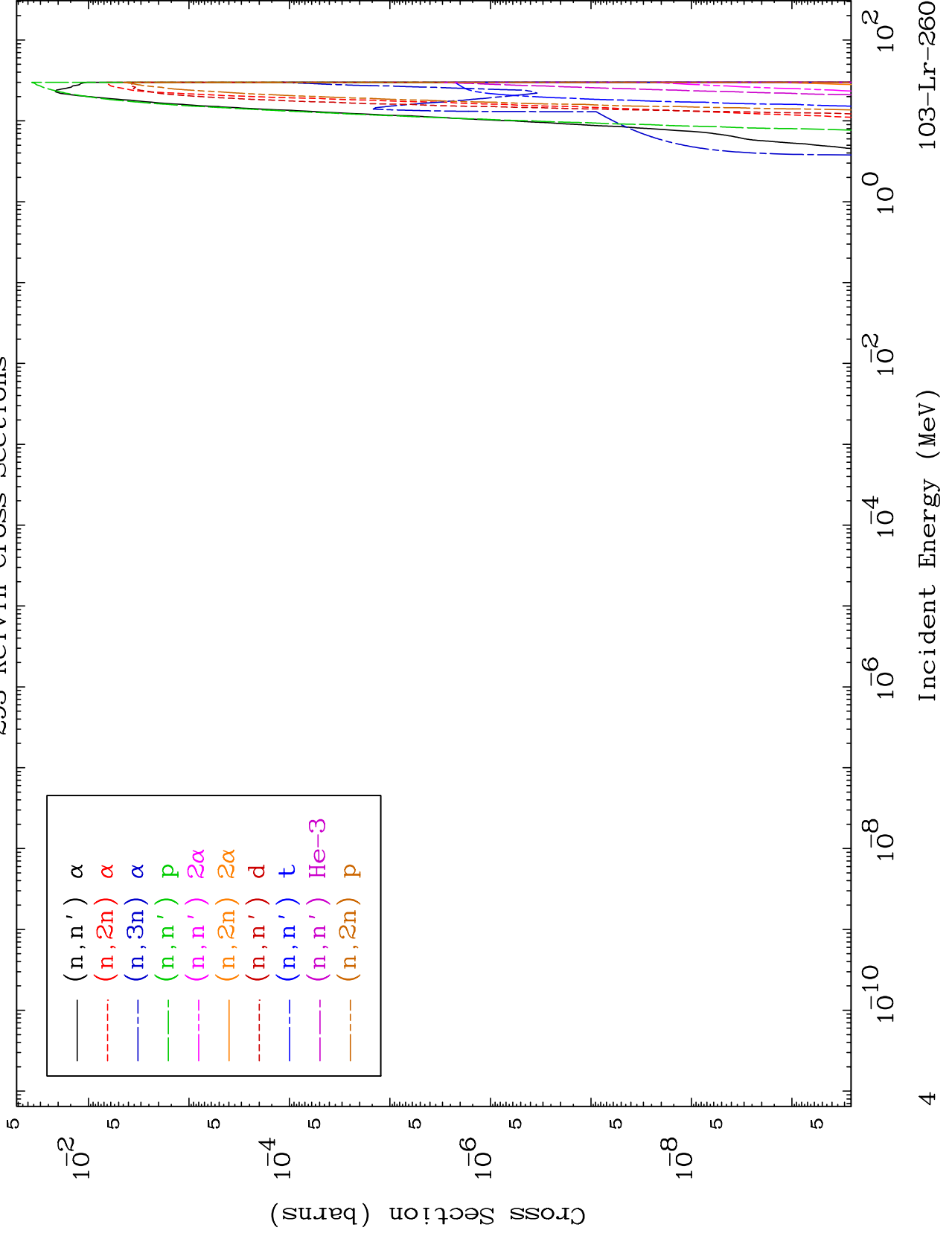
103-Lr-260



MAT 9989

Charged Particle
293 Kelvin Cross Sections

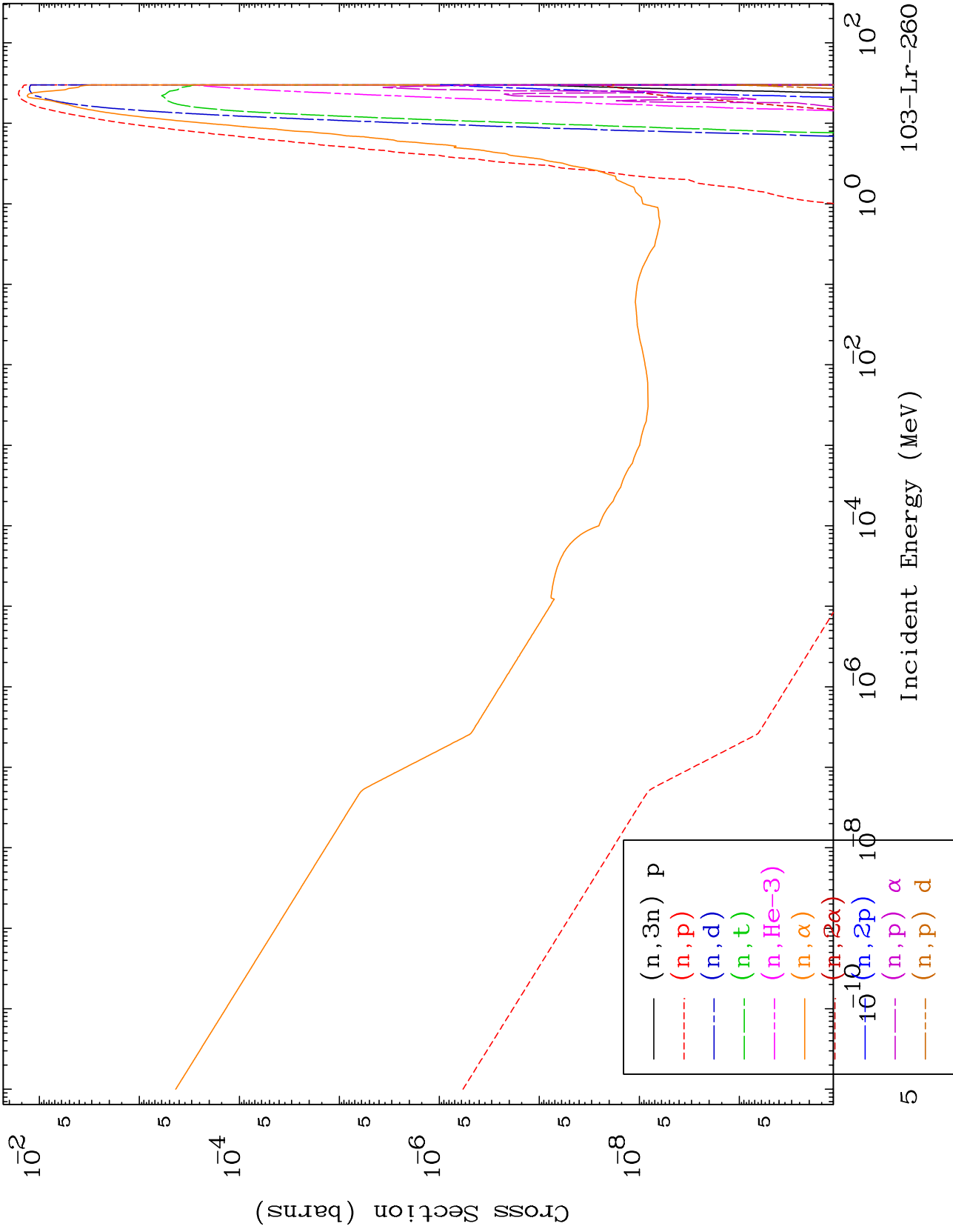
103-Lr-260



MAT 9989

Charged Particle
293 Kelvin Cross Sections

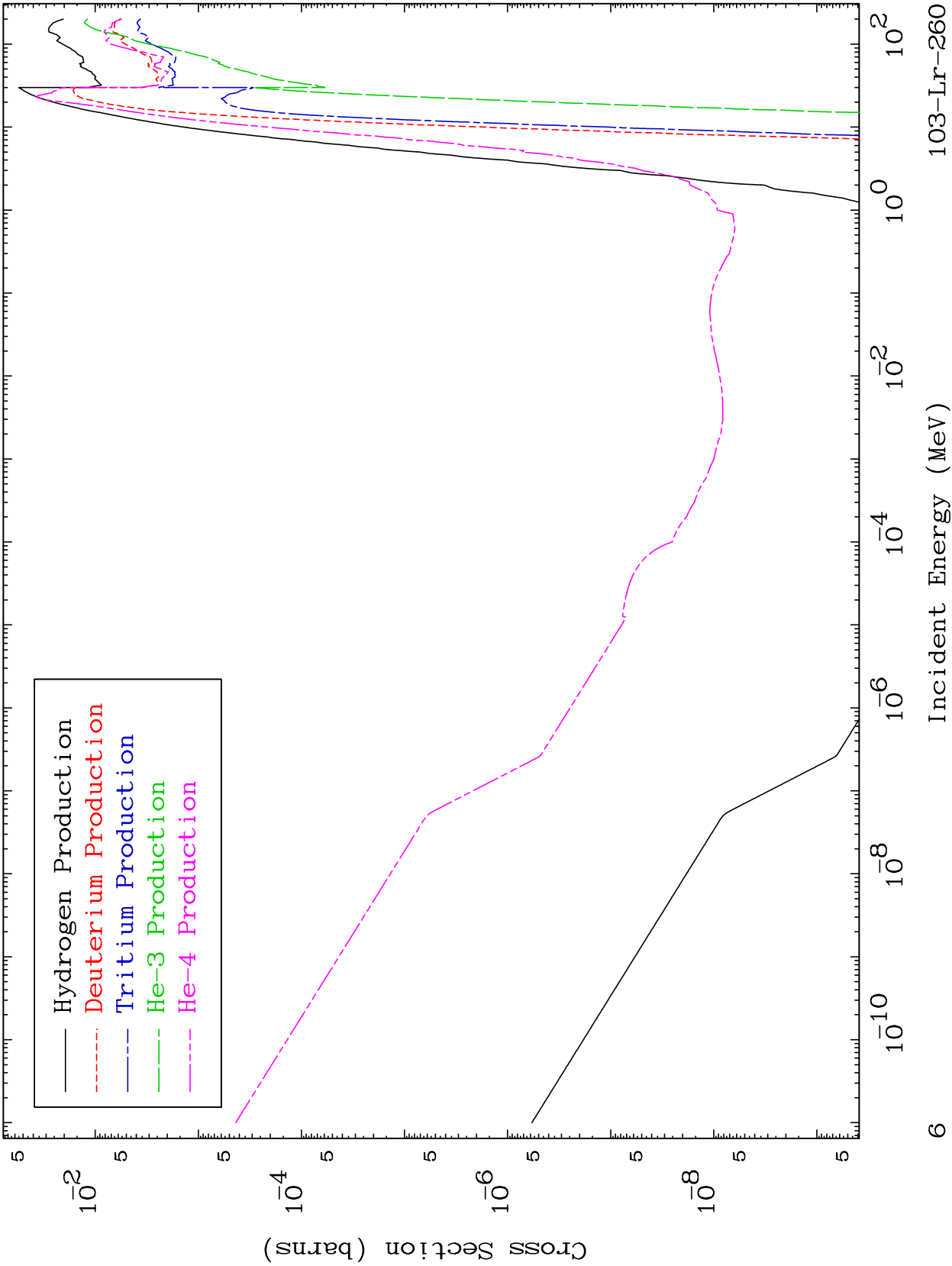
103-Lr-260



MAT 9989

Particle Production
293 Kelvin Cross Sections

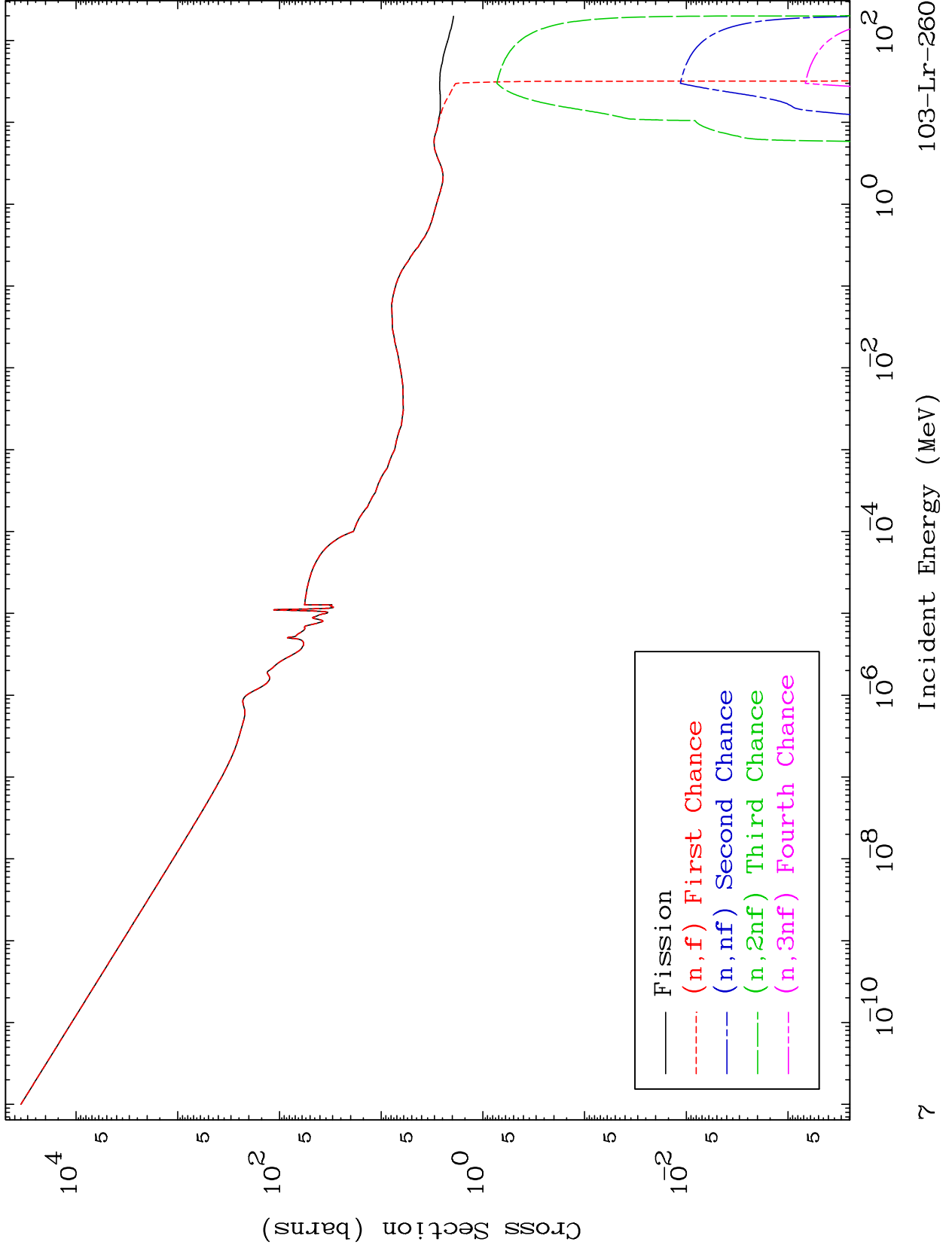
103-Lr-260



MAT 9989

Fission
293 Kelvin Cross Sections

103-Lr-260

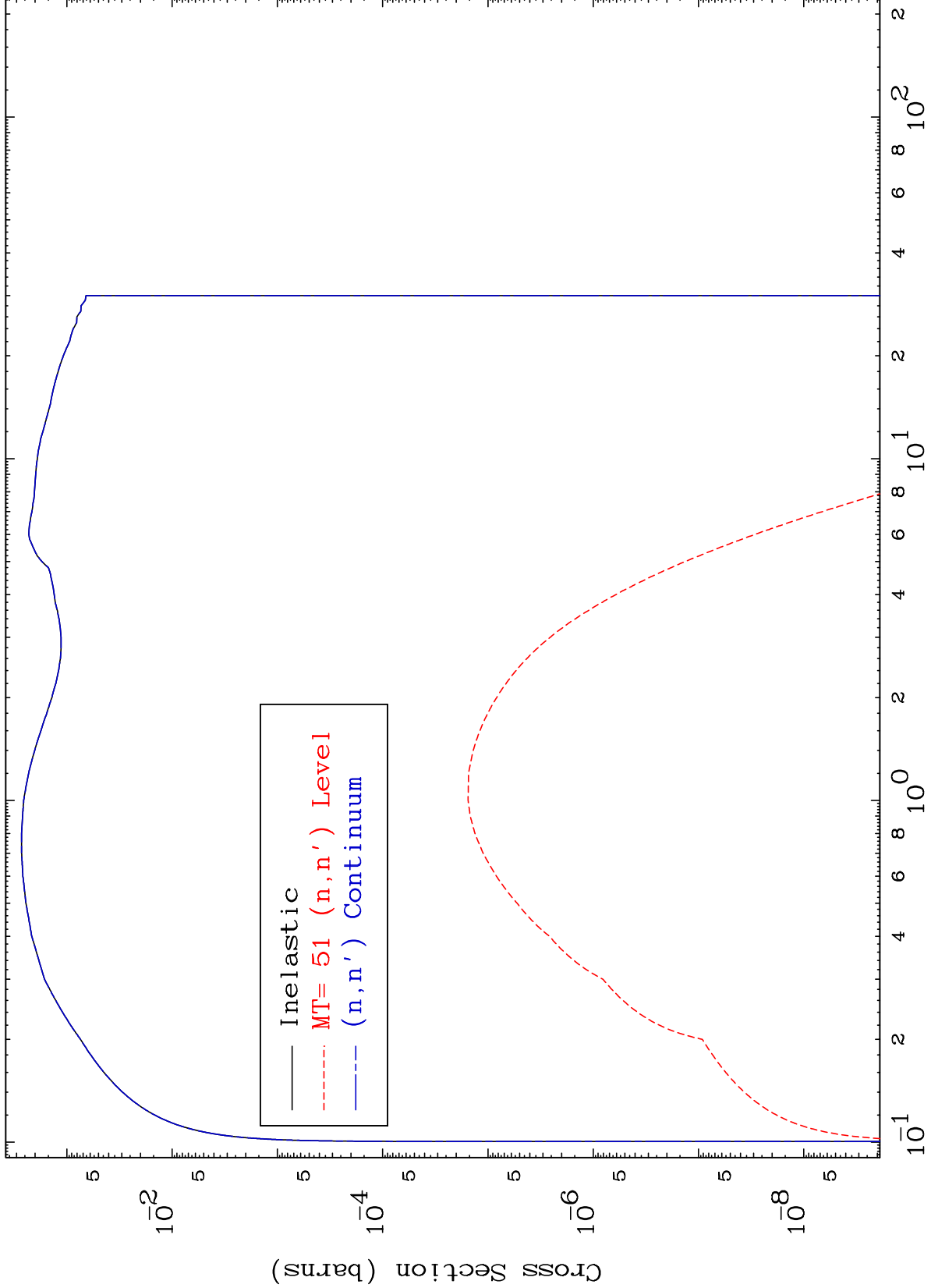


MAT 9989

(n,n') Level

103-Lr-260

293 Kelvin Cross Sections



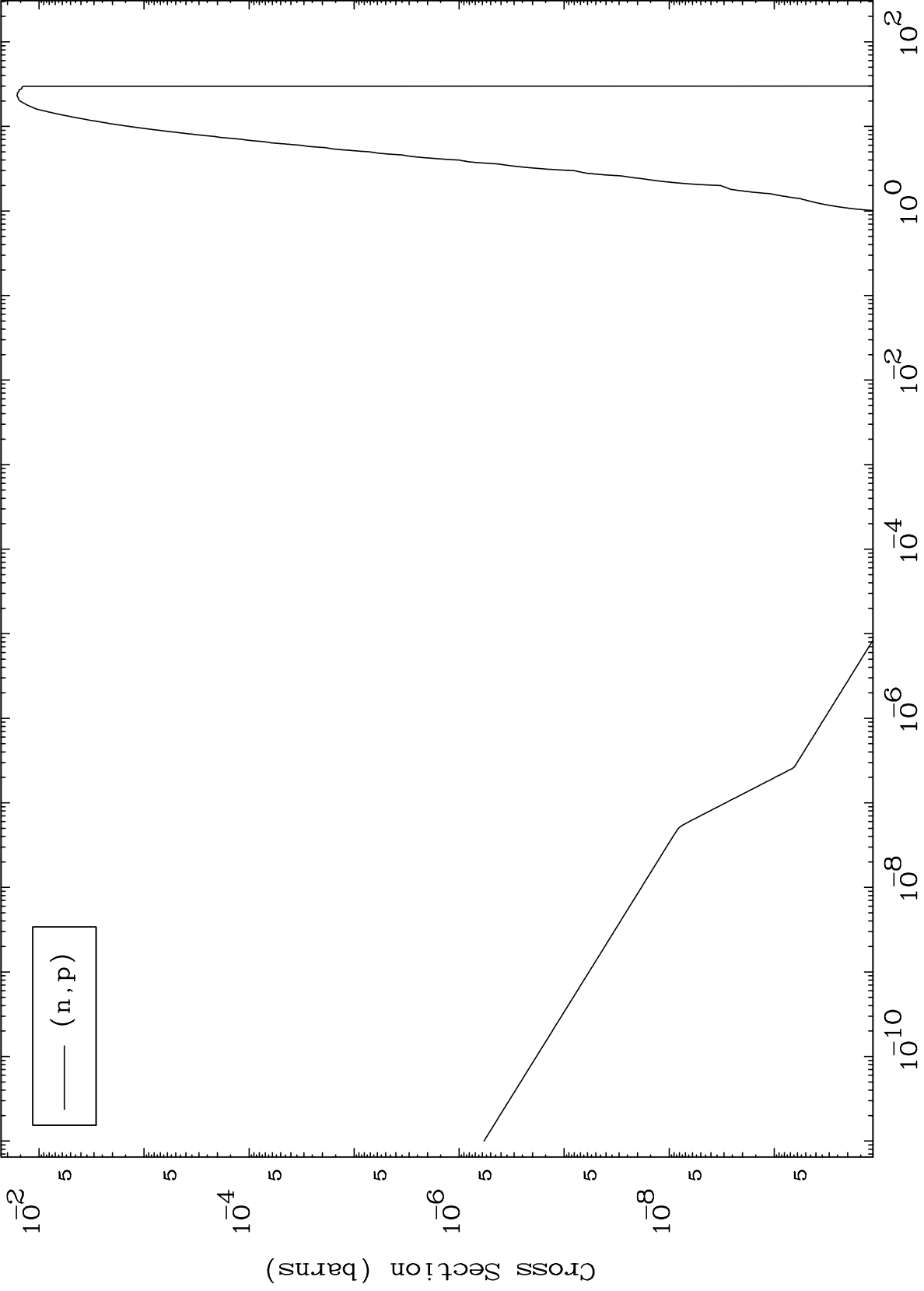
Incident Energy (MeV)

103-Lr-260

MAT 9989

(n,p) Levels
293 Kelvin Cross Sections

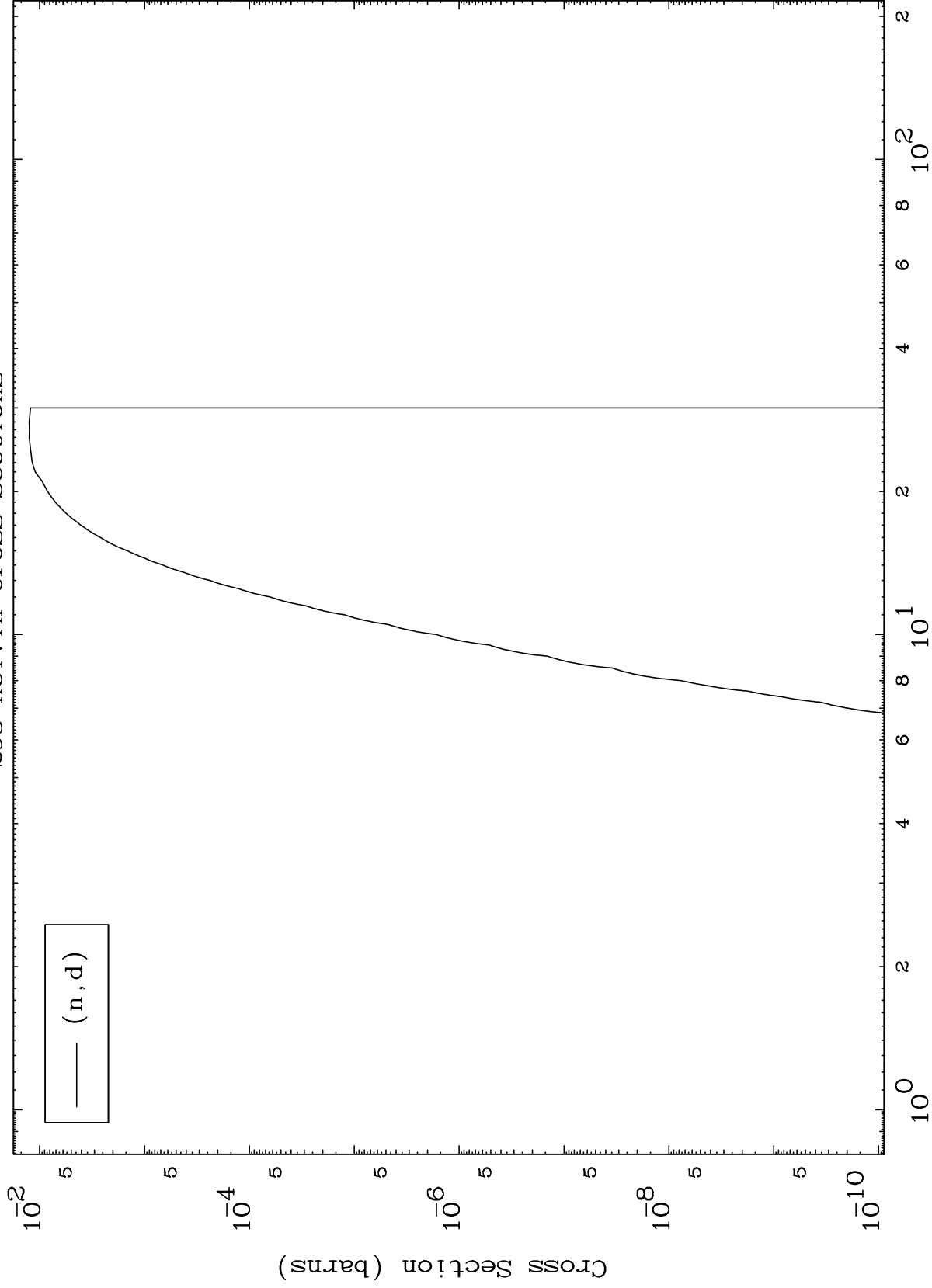
103-Lr-260



MAT 9989

(n,d) Levels
293 Kelvin Cross Sections

103-Lr-260



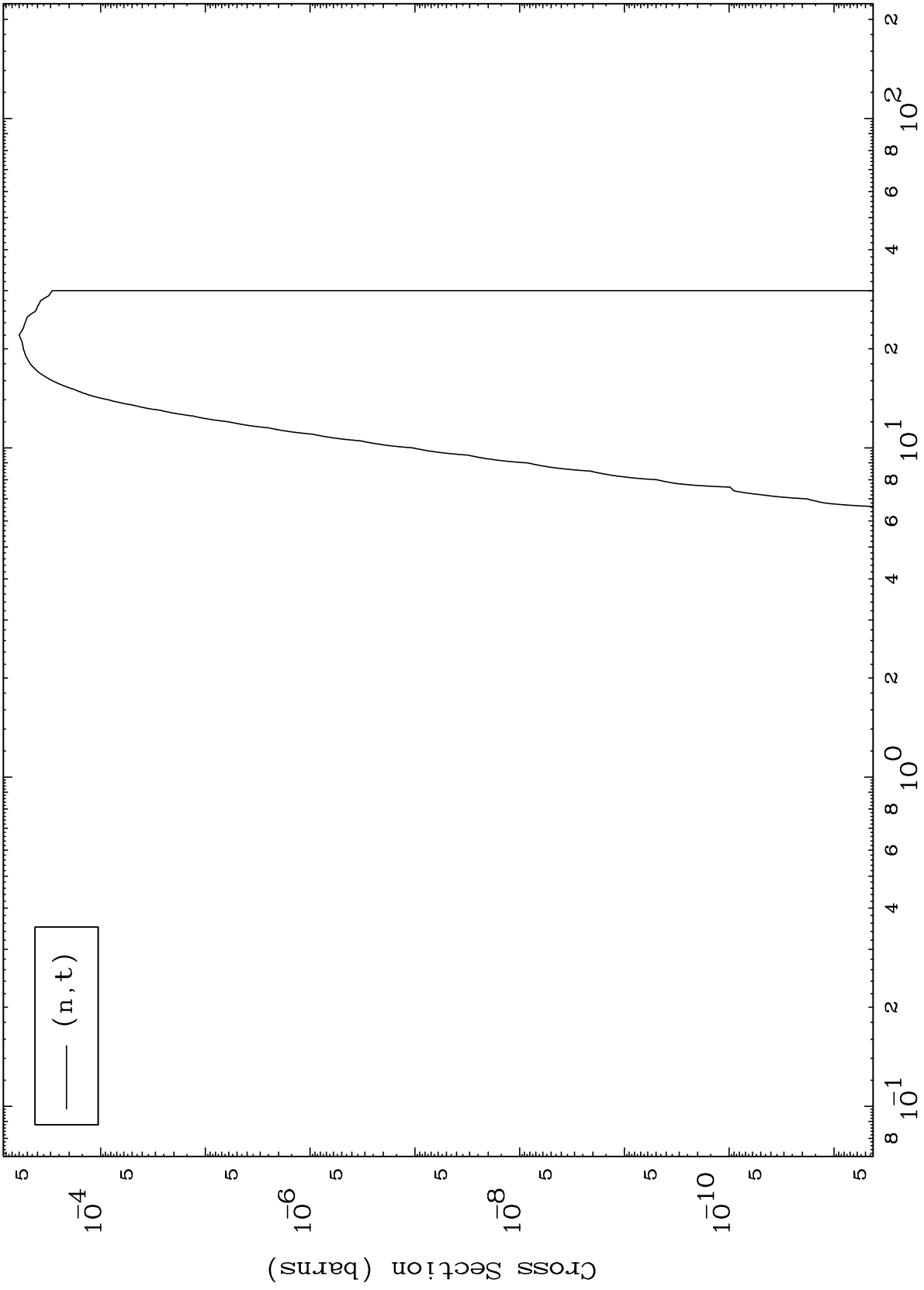
Incident Energy (MeV)

103-Lr-260

MAT 9989

(n,t) Levels
293 Kelvin Cross Sections

103-Lr-260



11

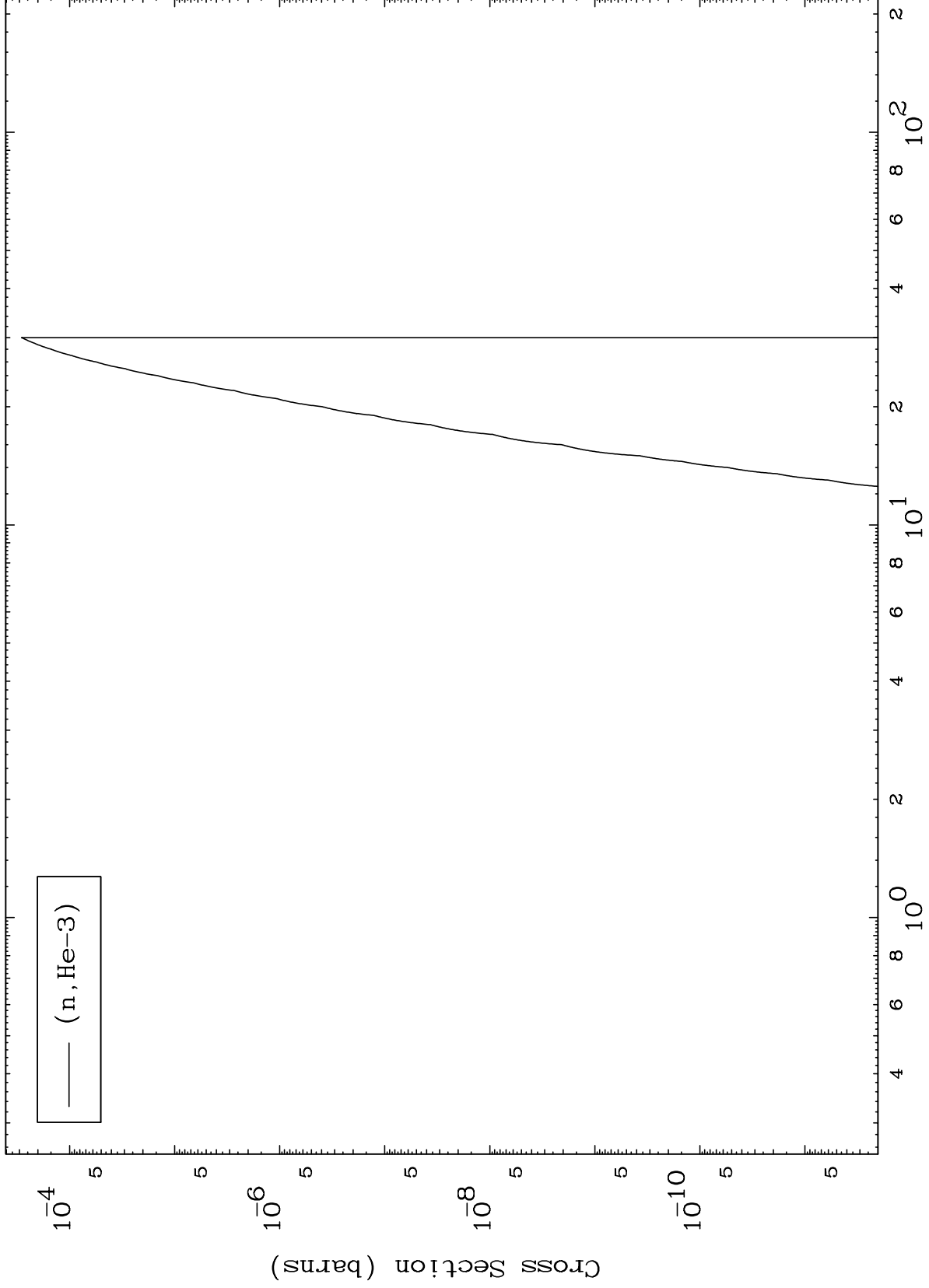
Incident Energy (MeV)

103-Lr-260

MAT 9989

(n,He3) Levels
293 Kelvin Cross Sections

103-Lr-260



12

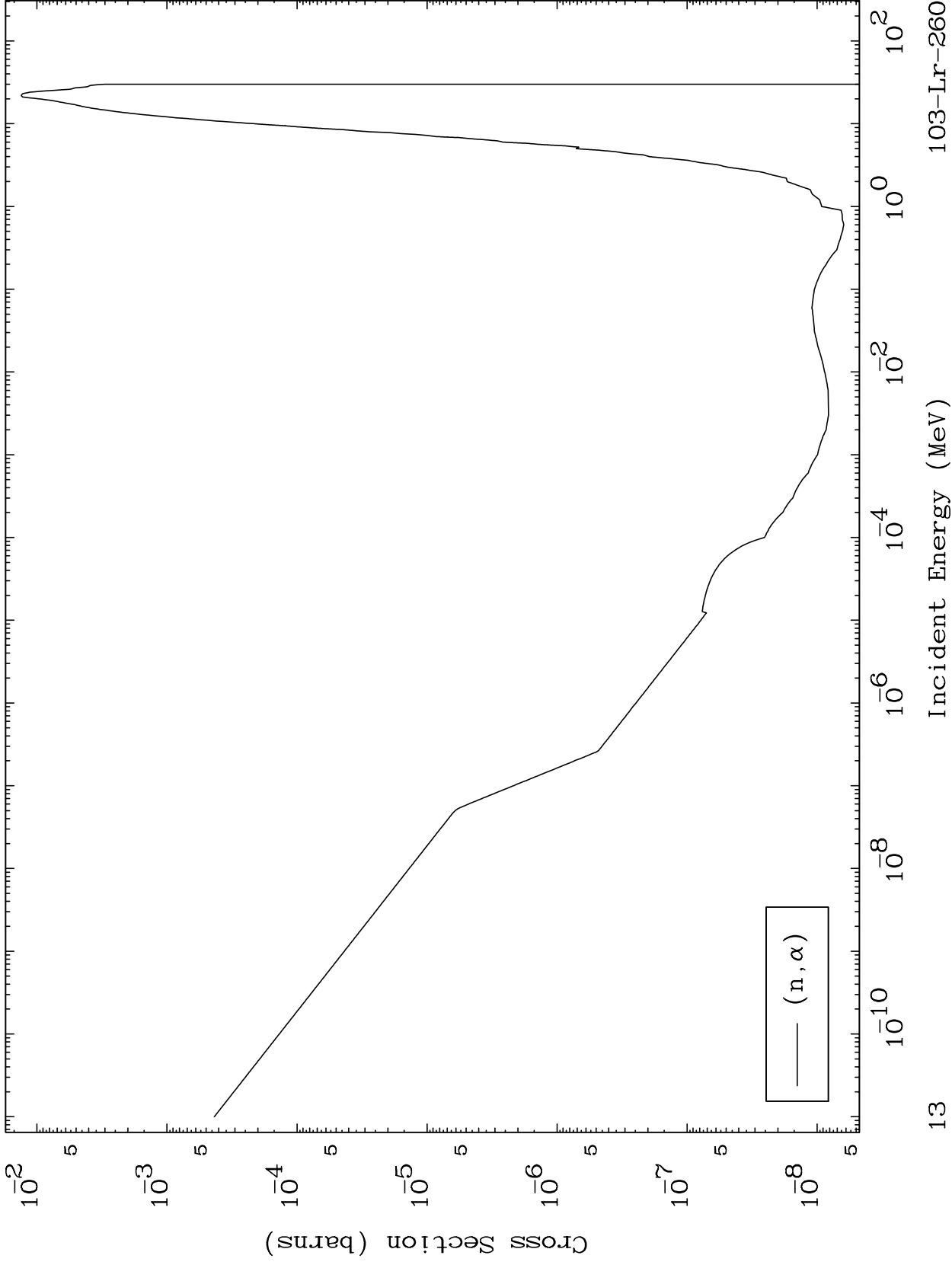
Incident Energy (MeV)

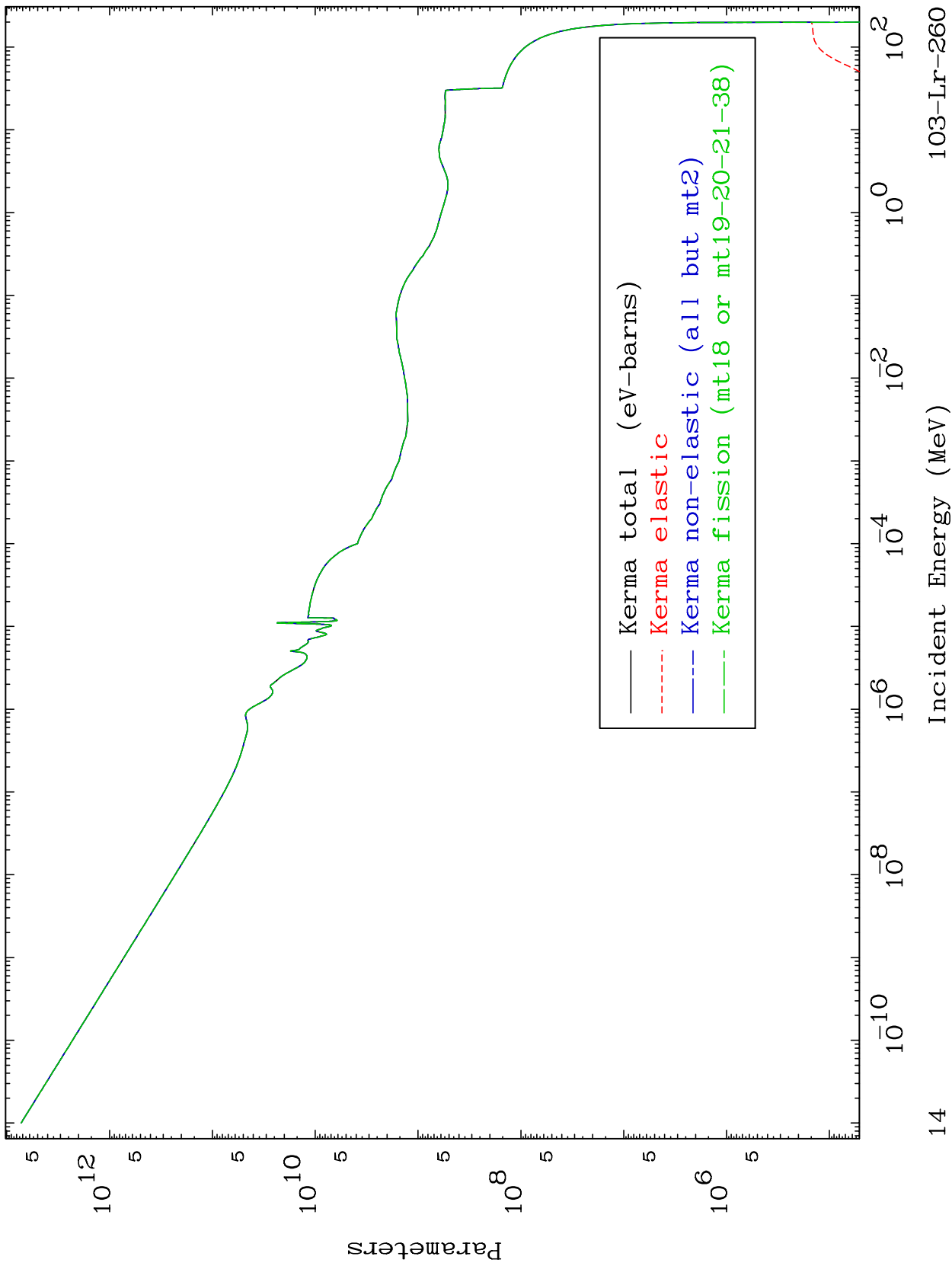
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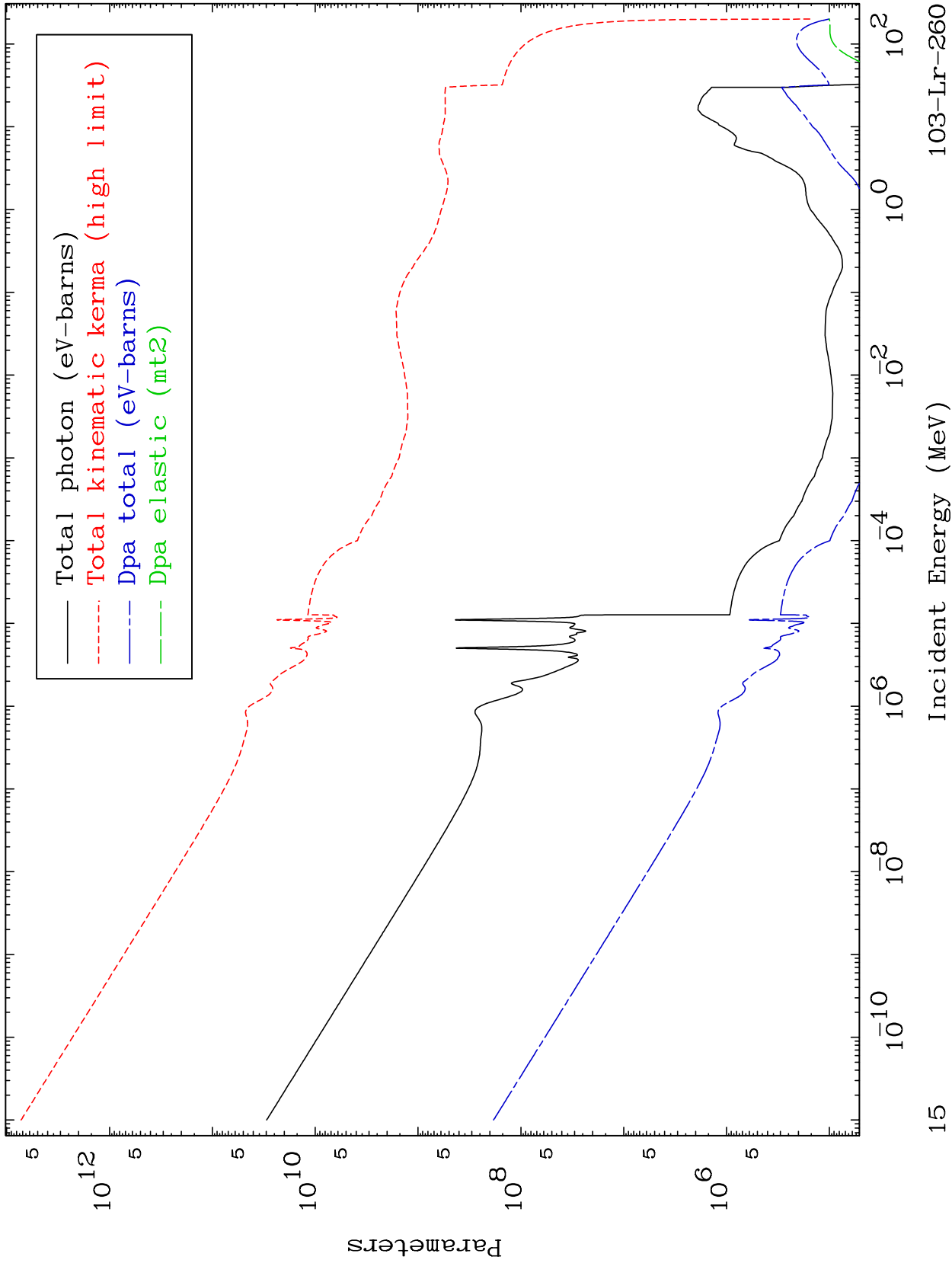
MAT 9989

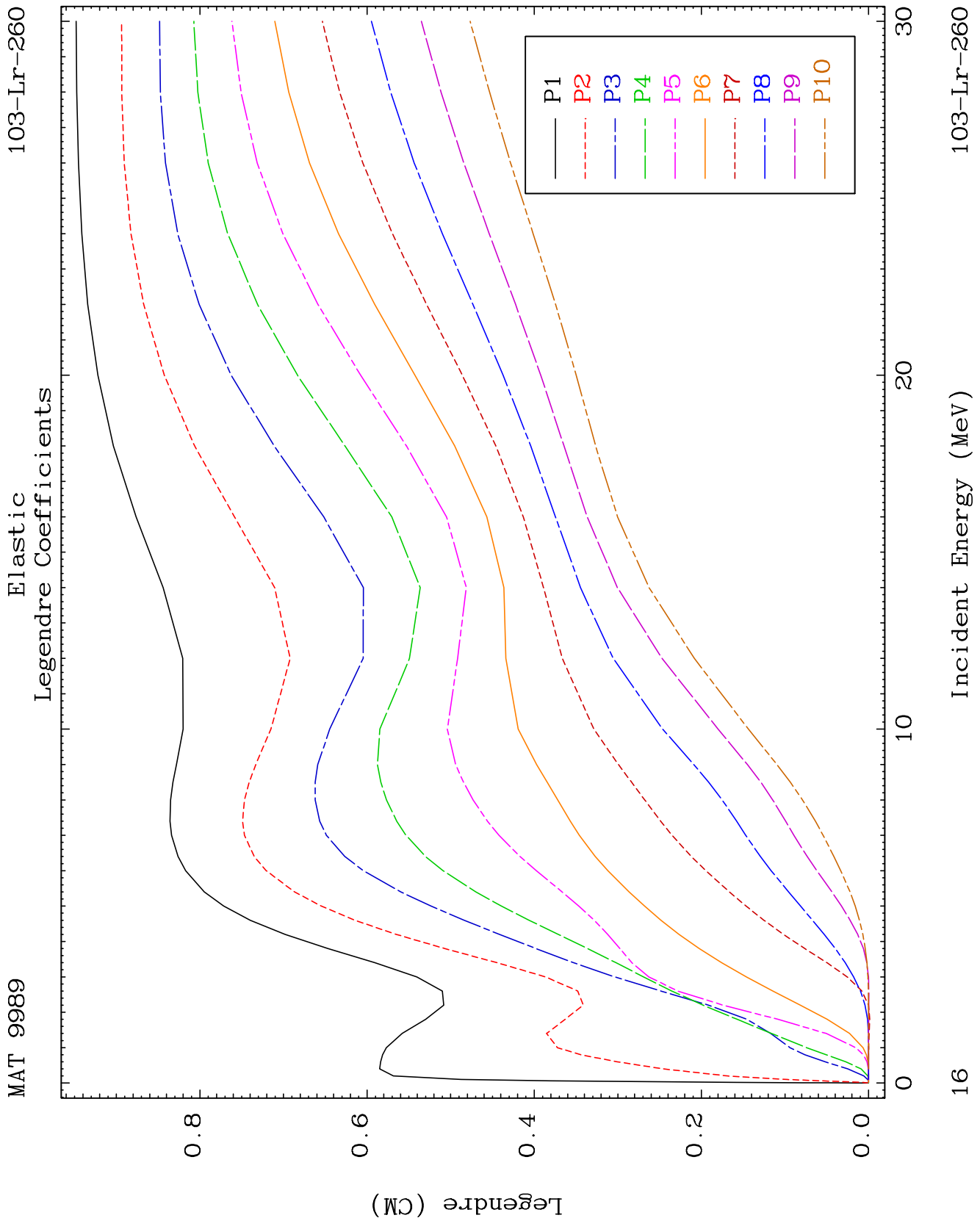
(n, α) Levels
293 Kelvin Cross Sections

103-Lr-260





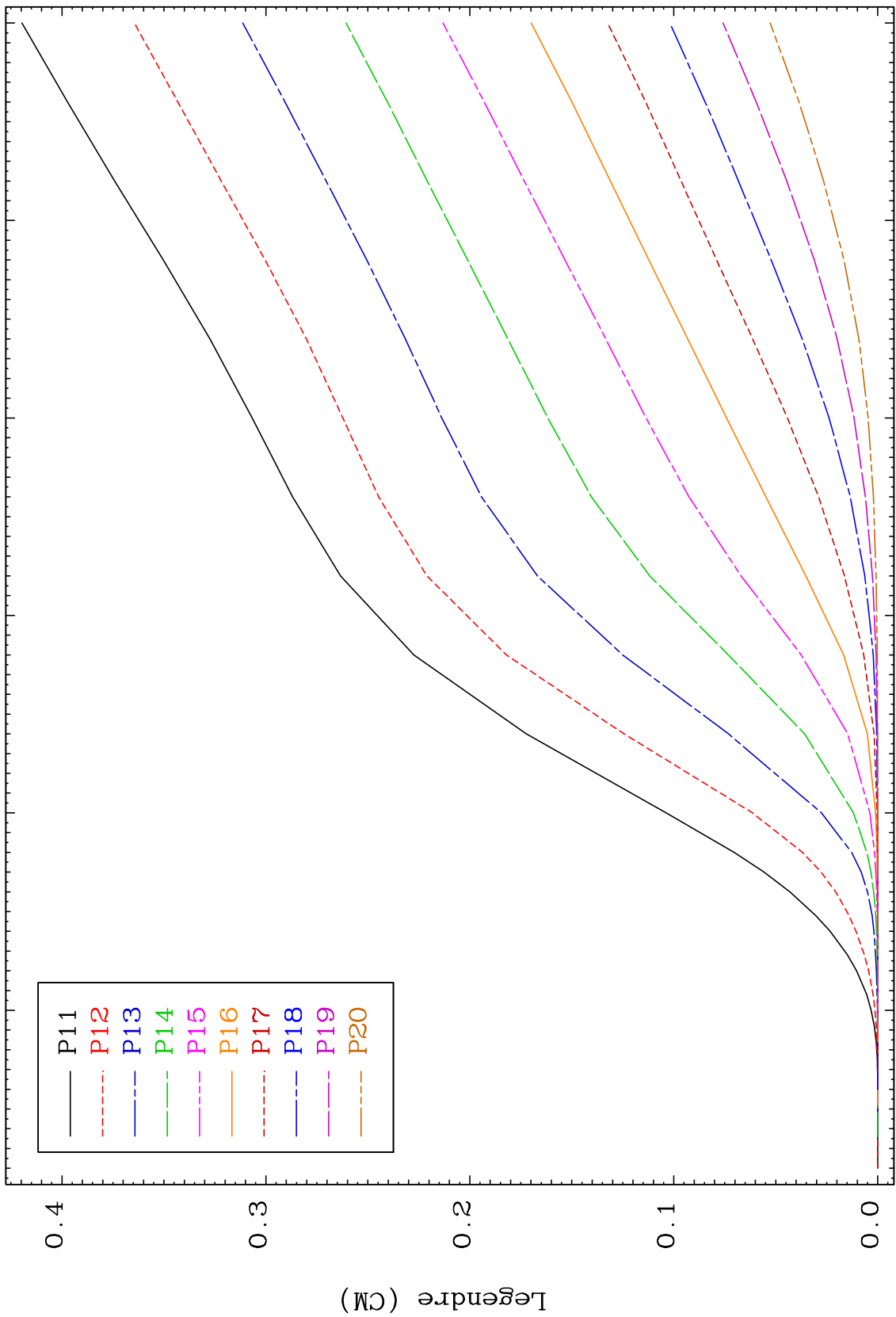




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Elastic Legendre Coefficients

103-Lr-260



17

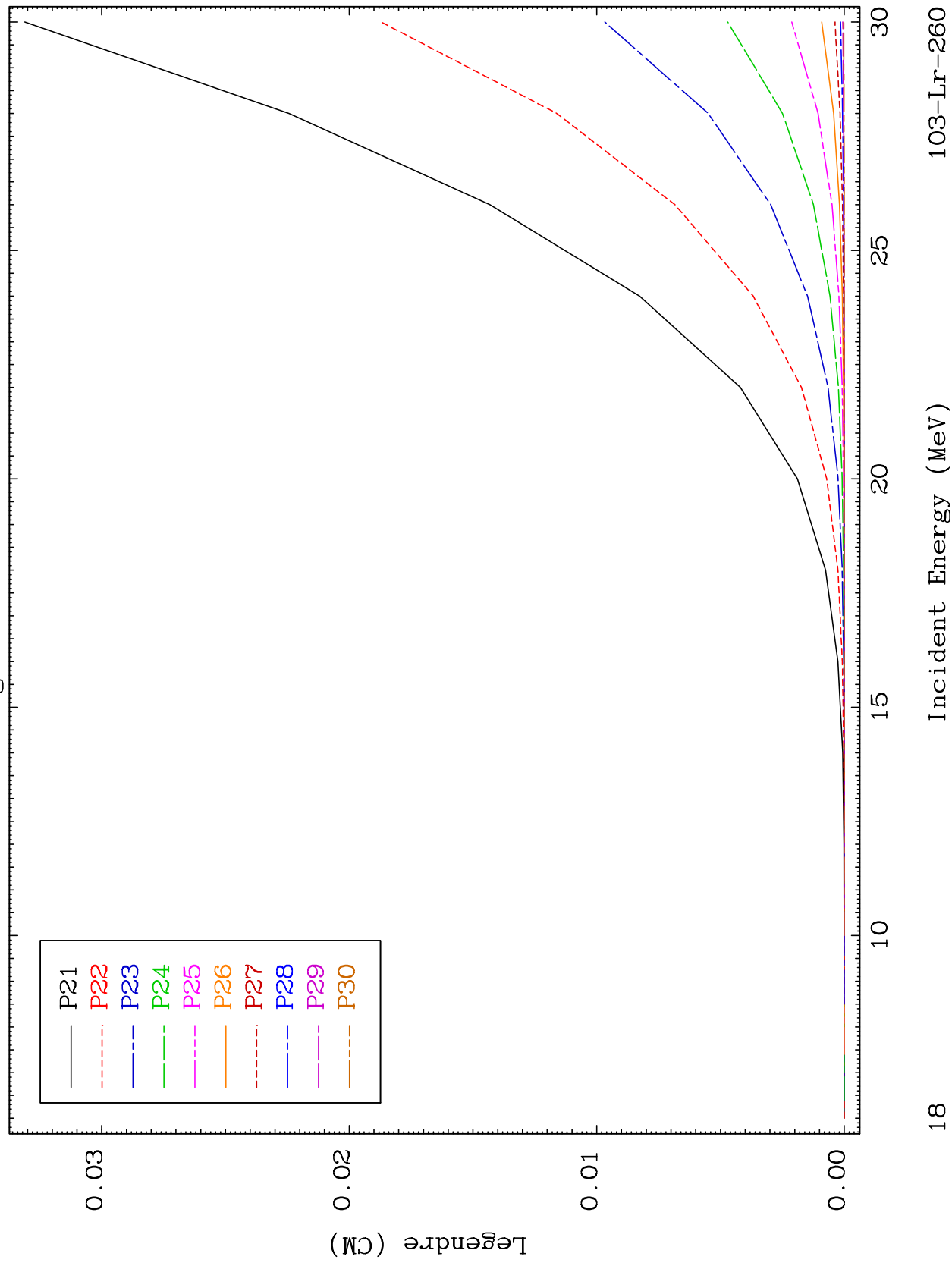
Incident Energy (MeV)

103-Lr-260

MAT 9989

Elastic Legendre Coefficients

103-Lr-260



18

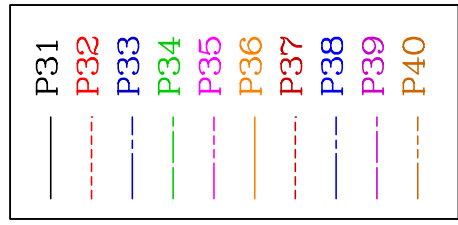
Incident Energy (MeV)

103-Lr-260

MAT 9989

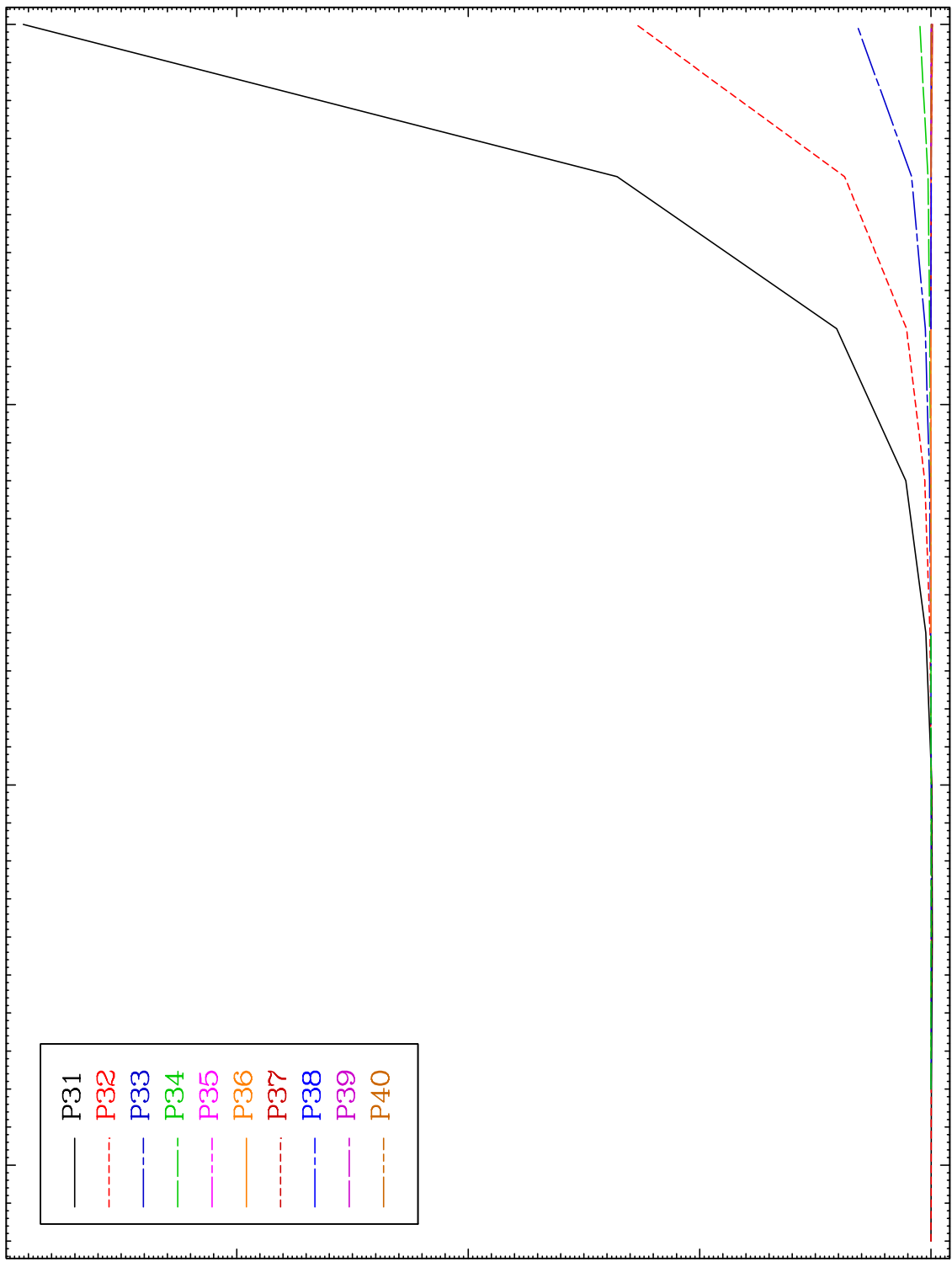
Elastic Legendre Coefficients

103-Lr-260



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

19

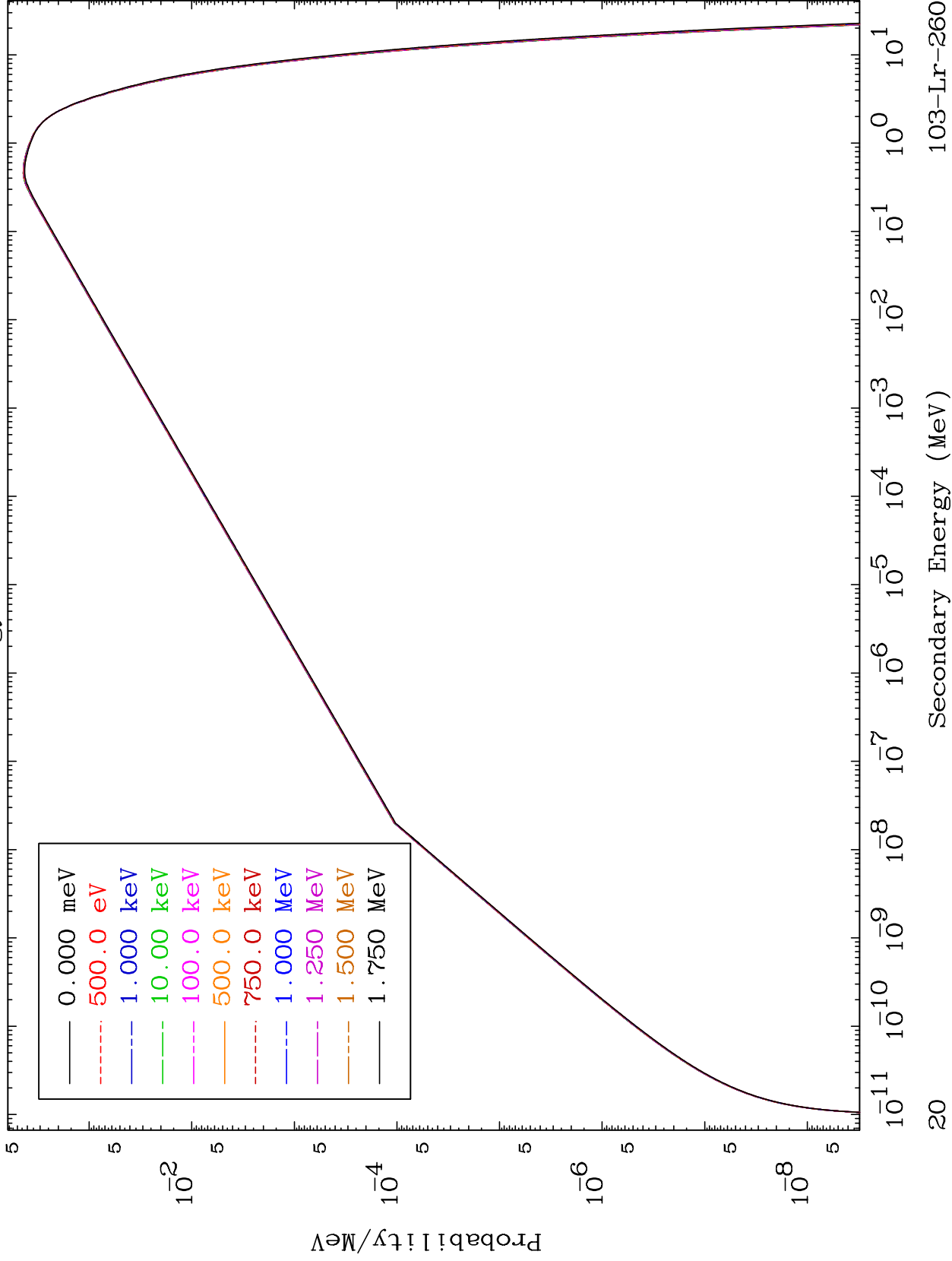
Incident Energy (MeV)

103-Lr-260

MAT 9989

Fission Energy Distribution

103-Lr-260



103-Lr-260

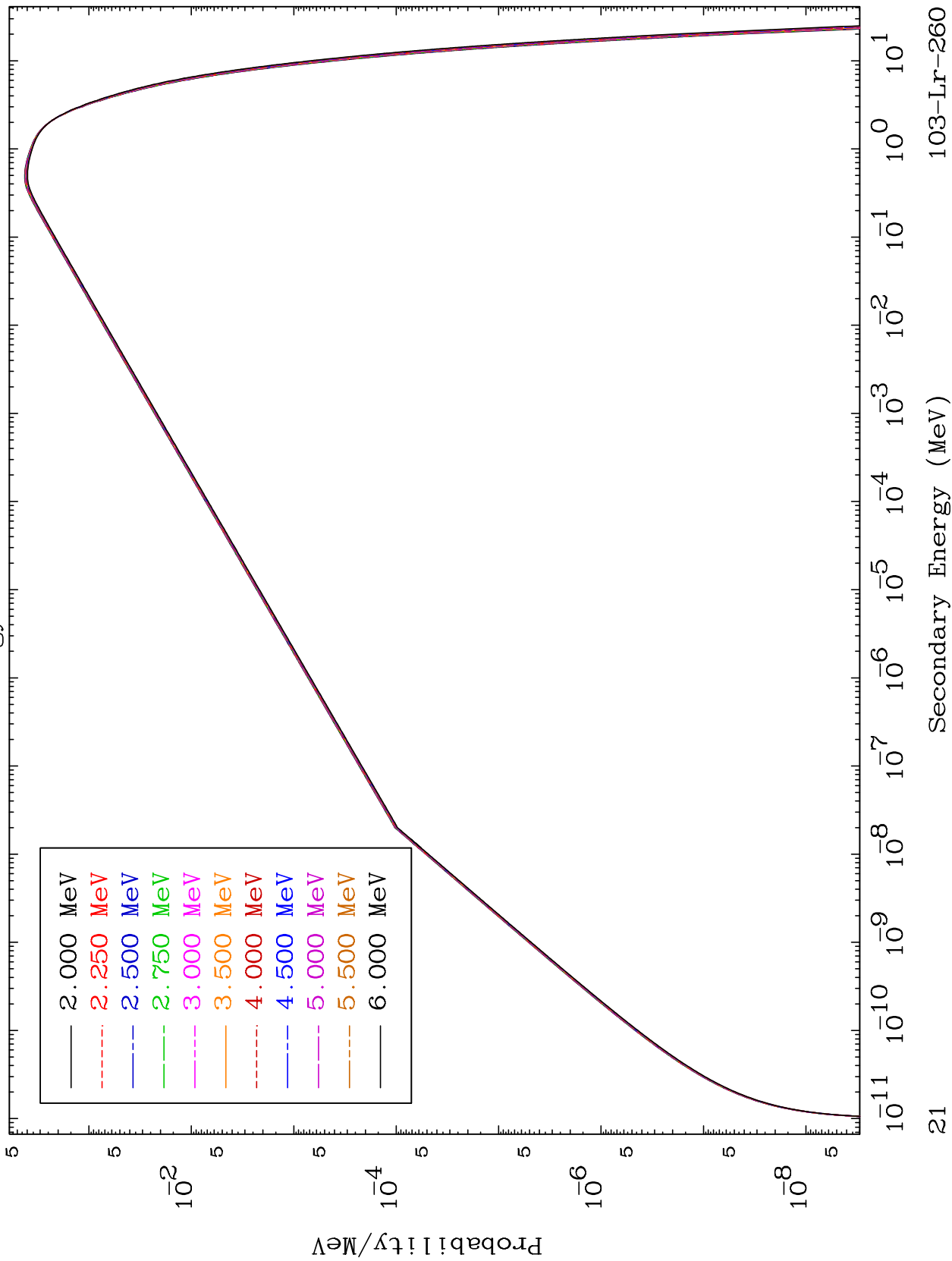
Secondary Energy (MeV)

20

MAT 9989

Fission Energy Distribution

103-Lr-260

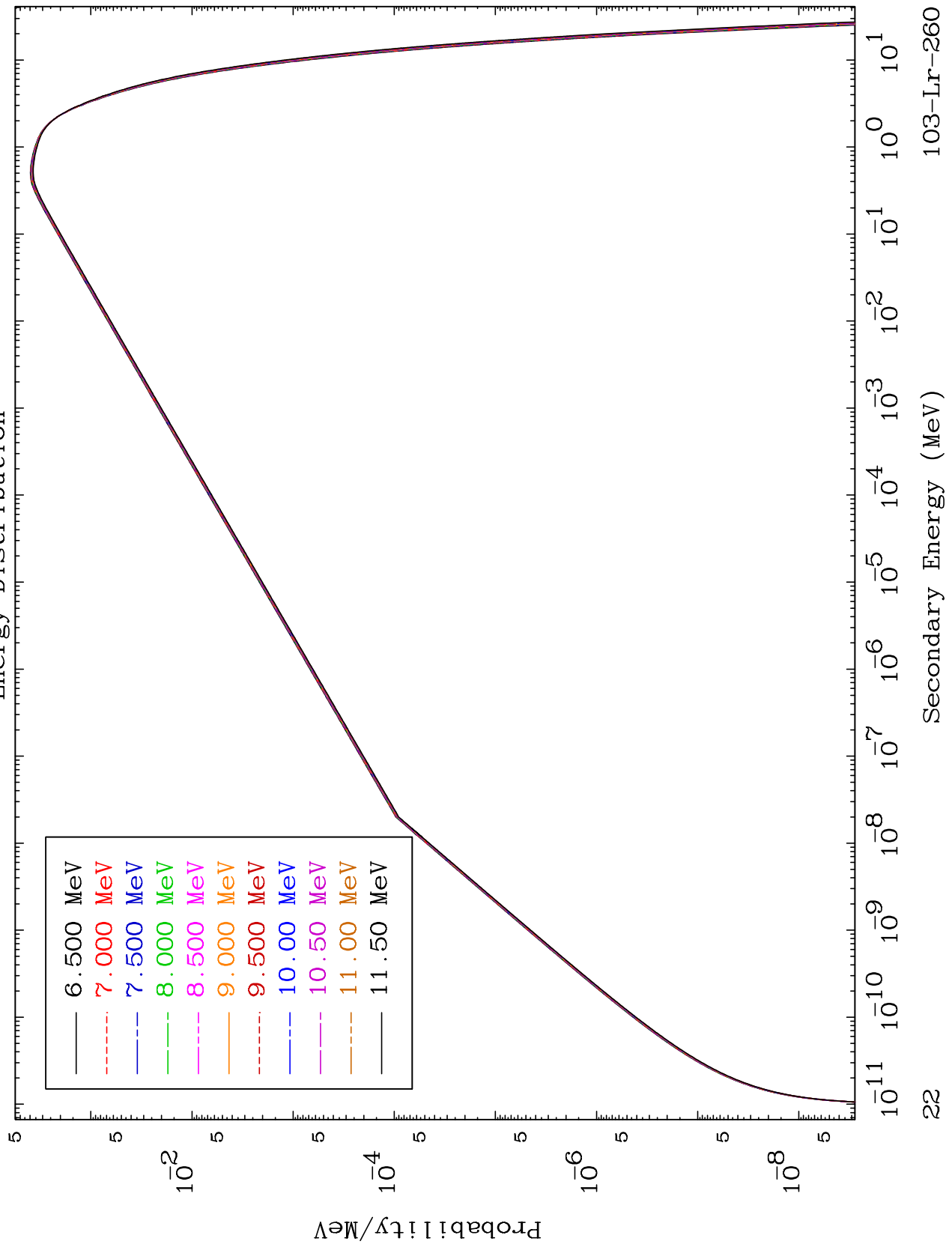


103-Lr-260

MAT 9989

Fission Energy Distribution

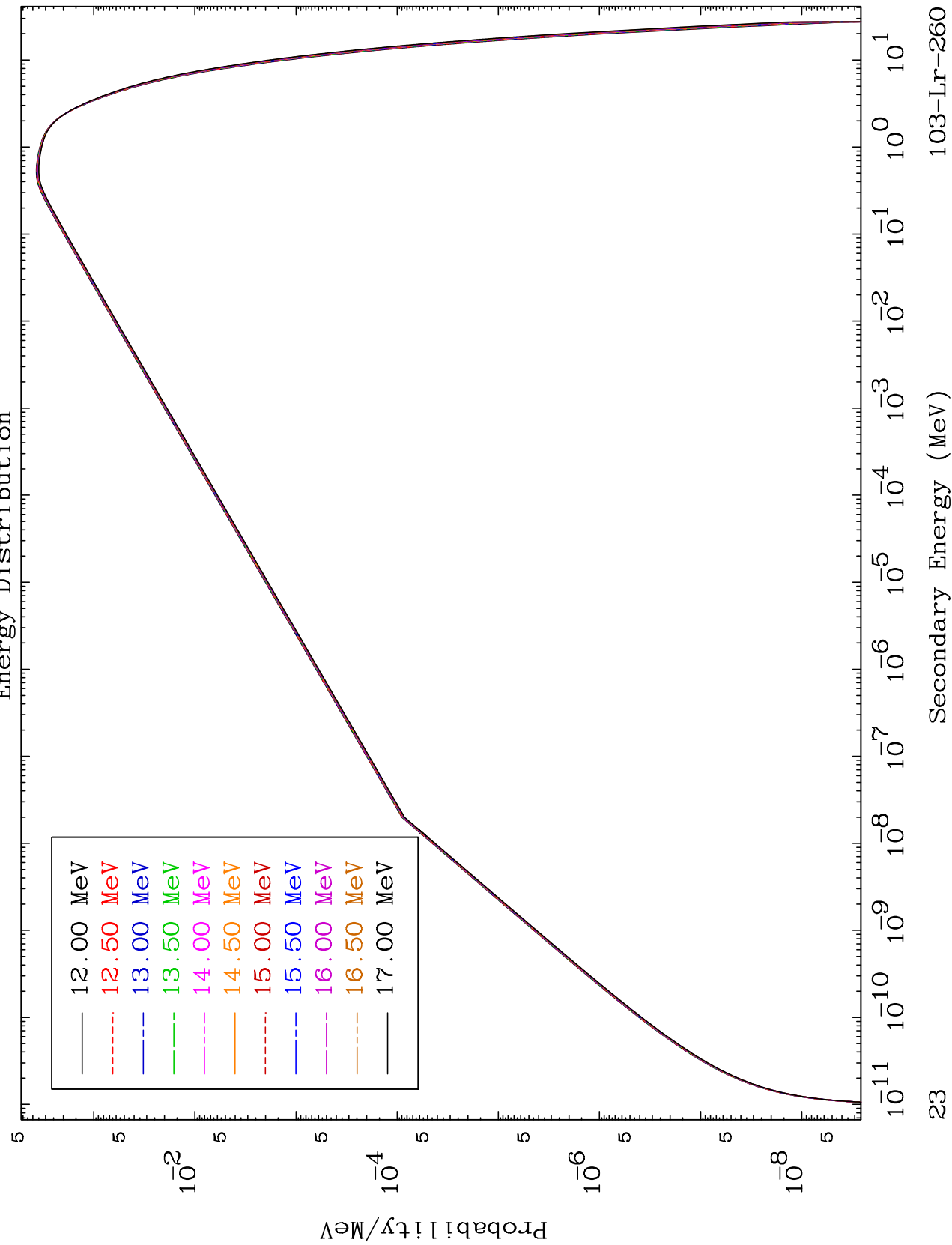
103-Lr-260



MAT 9989

Fission Energy Distribution

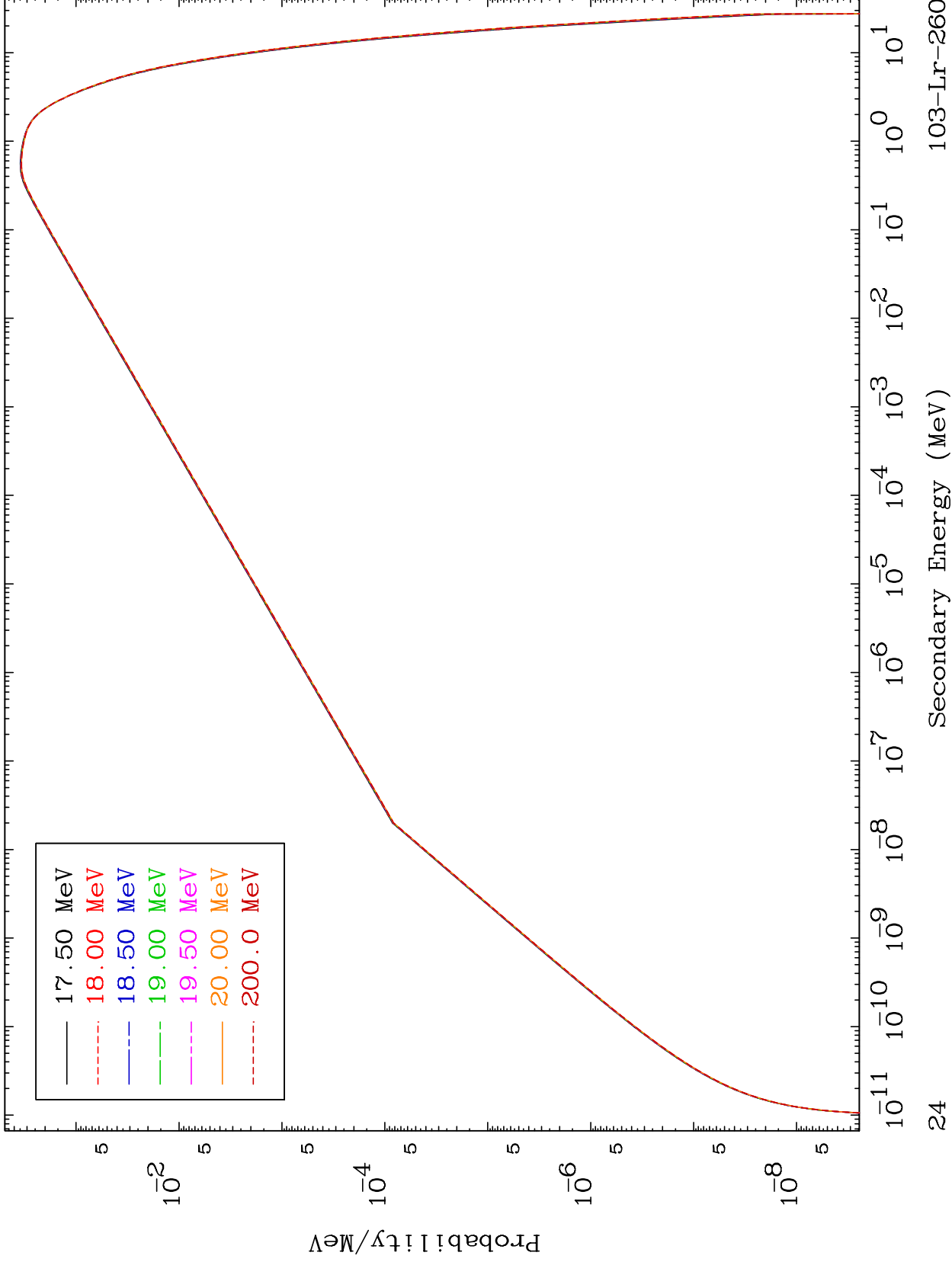
103-Lr-260



MAT 9989

Fission Energy Distribution

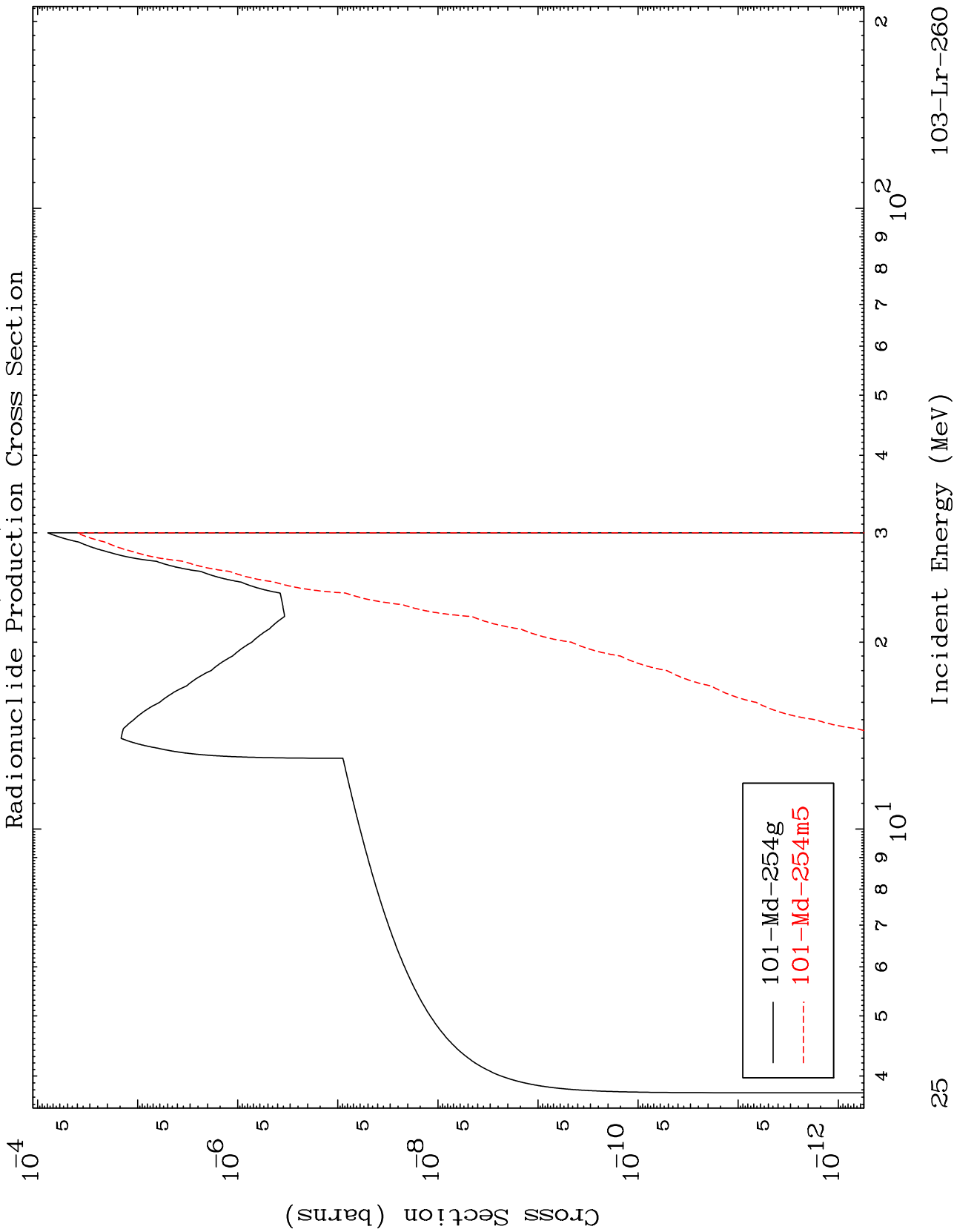
103-Lr-260



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$(n,3n) \alpha$

103-Lr-260

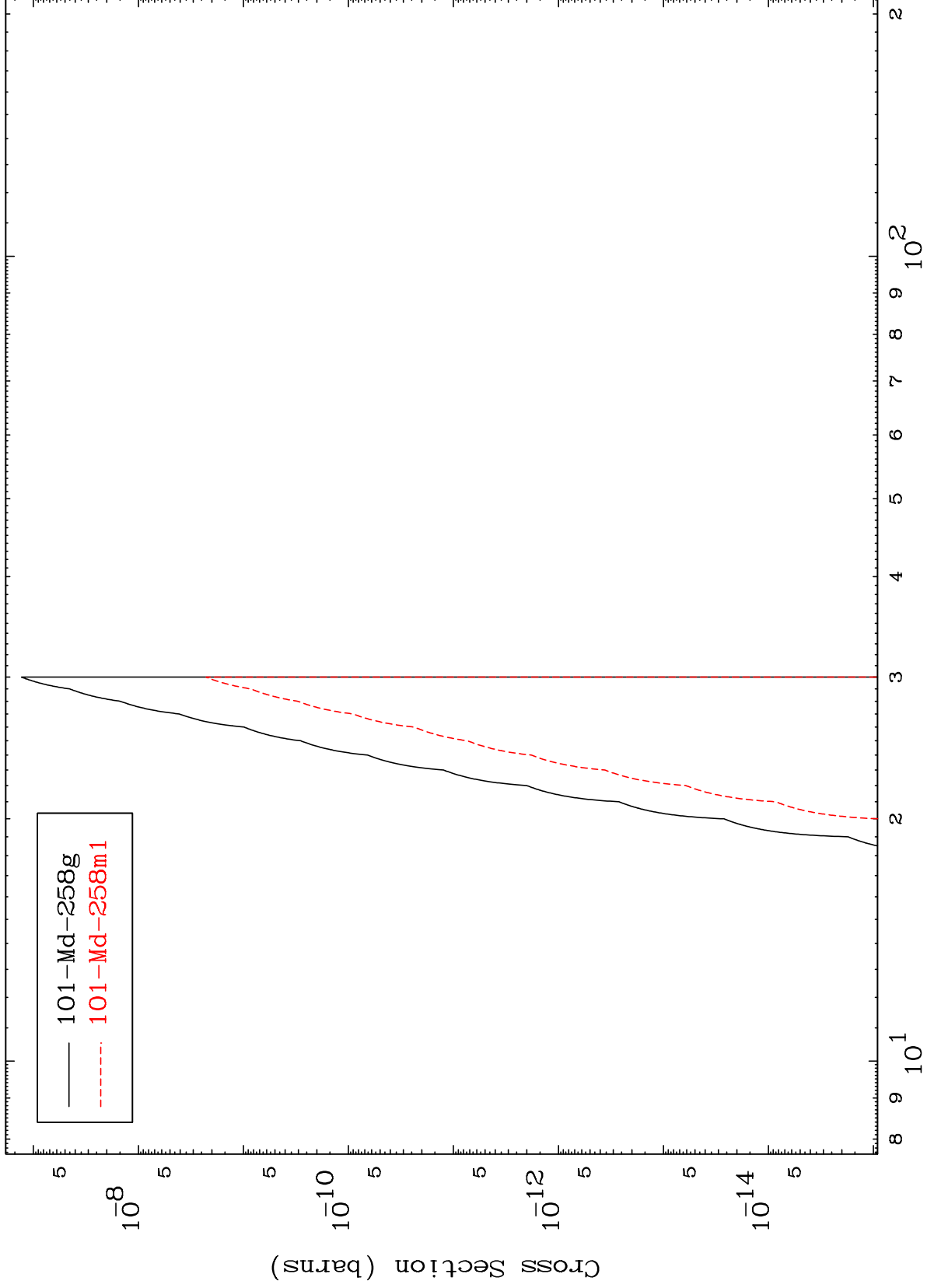


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(n,2n) p

103-Lr-260

Radionuclide Production Cross Section



26

Incident Energy (MeV)

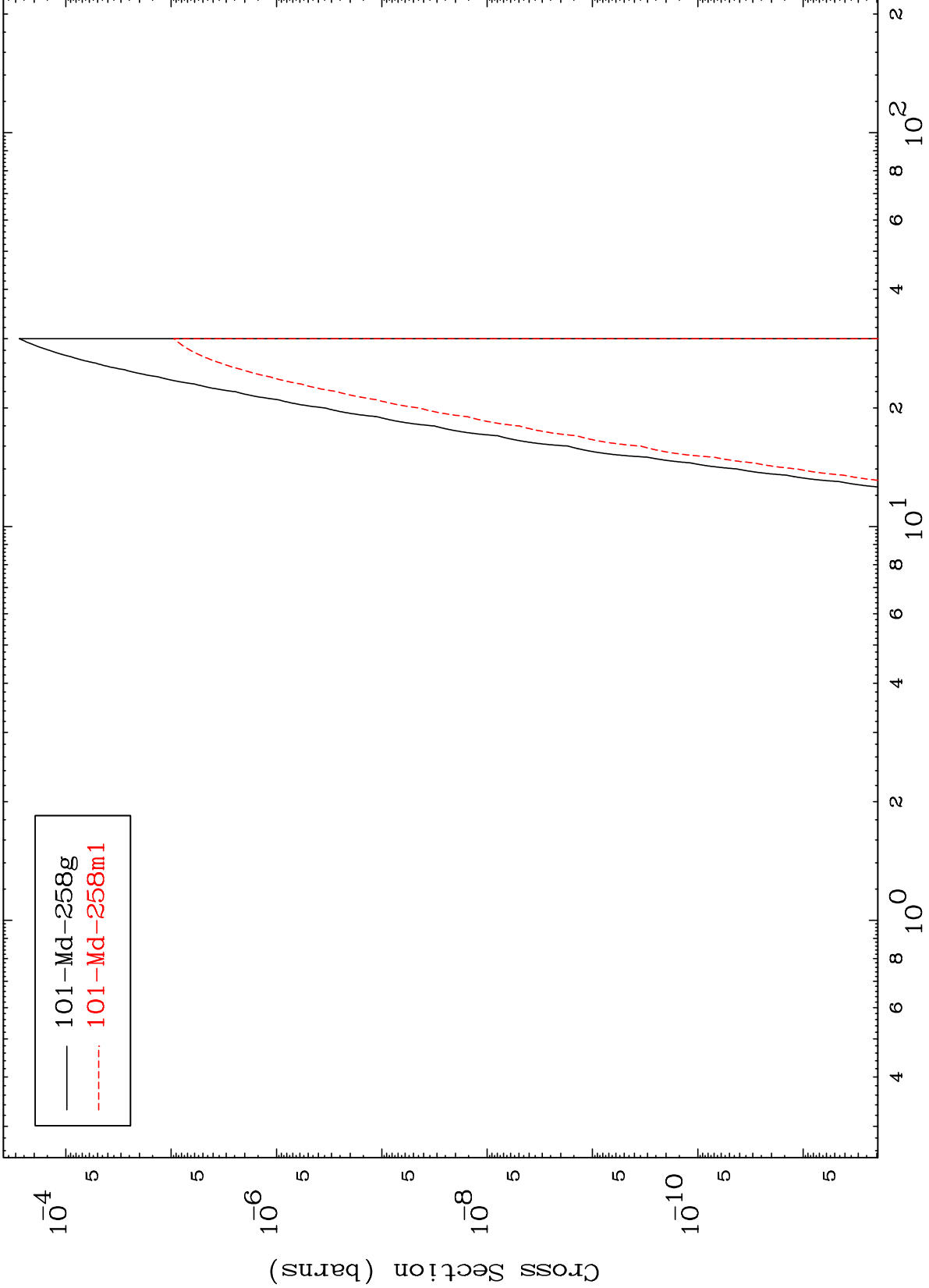
103-Lr-260

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(n,He-3)

103-Lr-260

Radionuclide Production Cross Section

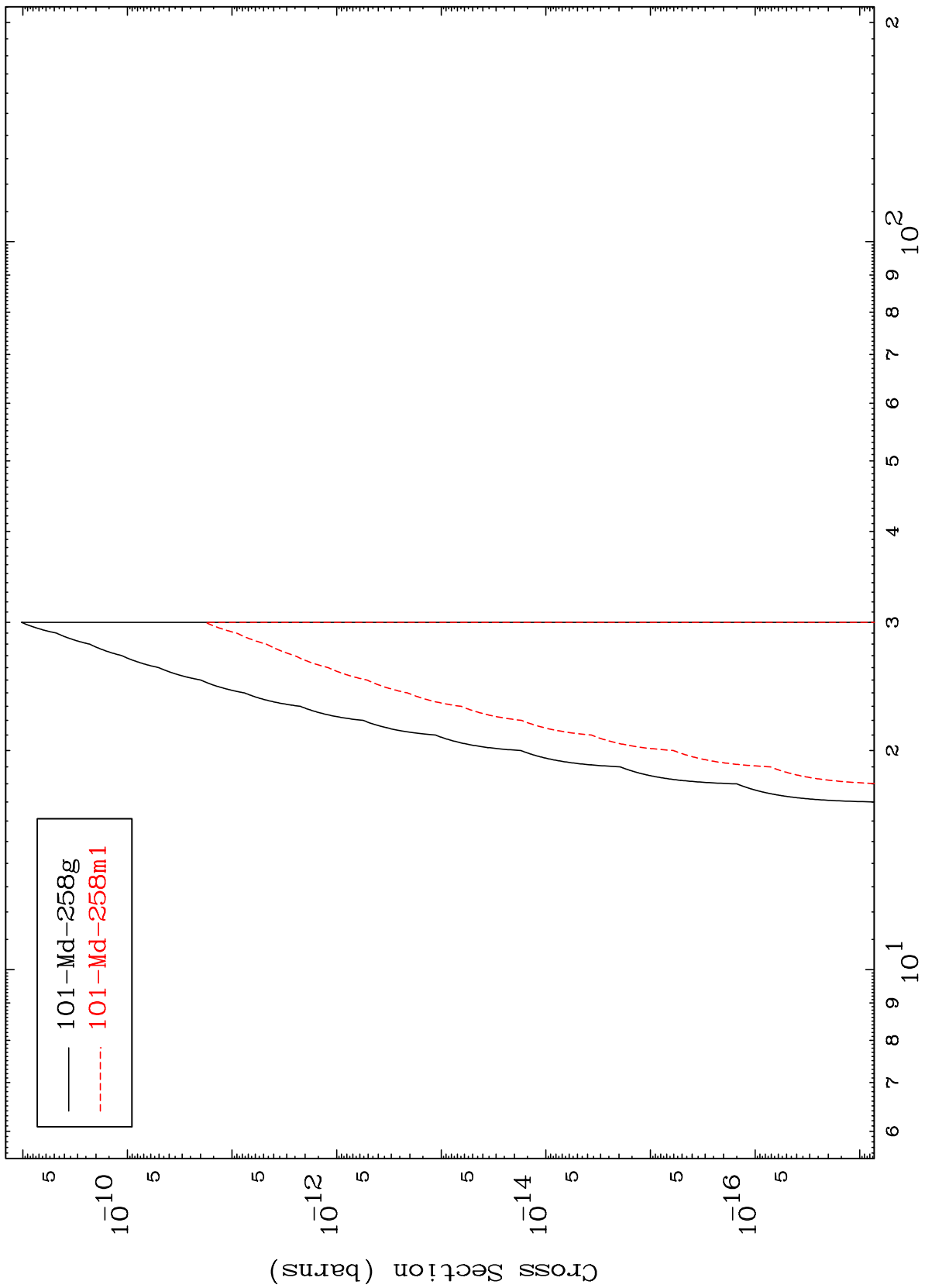


MAT 9989

(n,p) d

103-Lr-260

Radionuclide Production Cross Section



— 101-Md-258g
- - - 101-Md-258m1

28

Incident Energy (MeV)

103-Lr-260