

Program EVALPLOT
(Version 2021-1)

by

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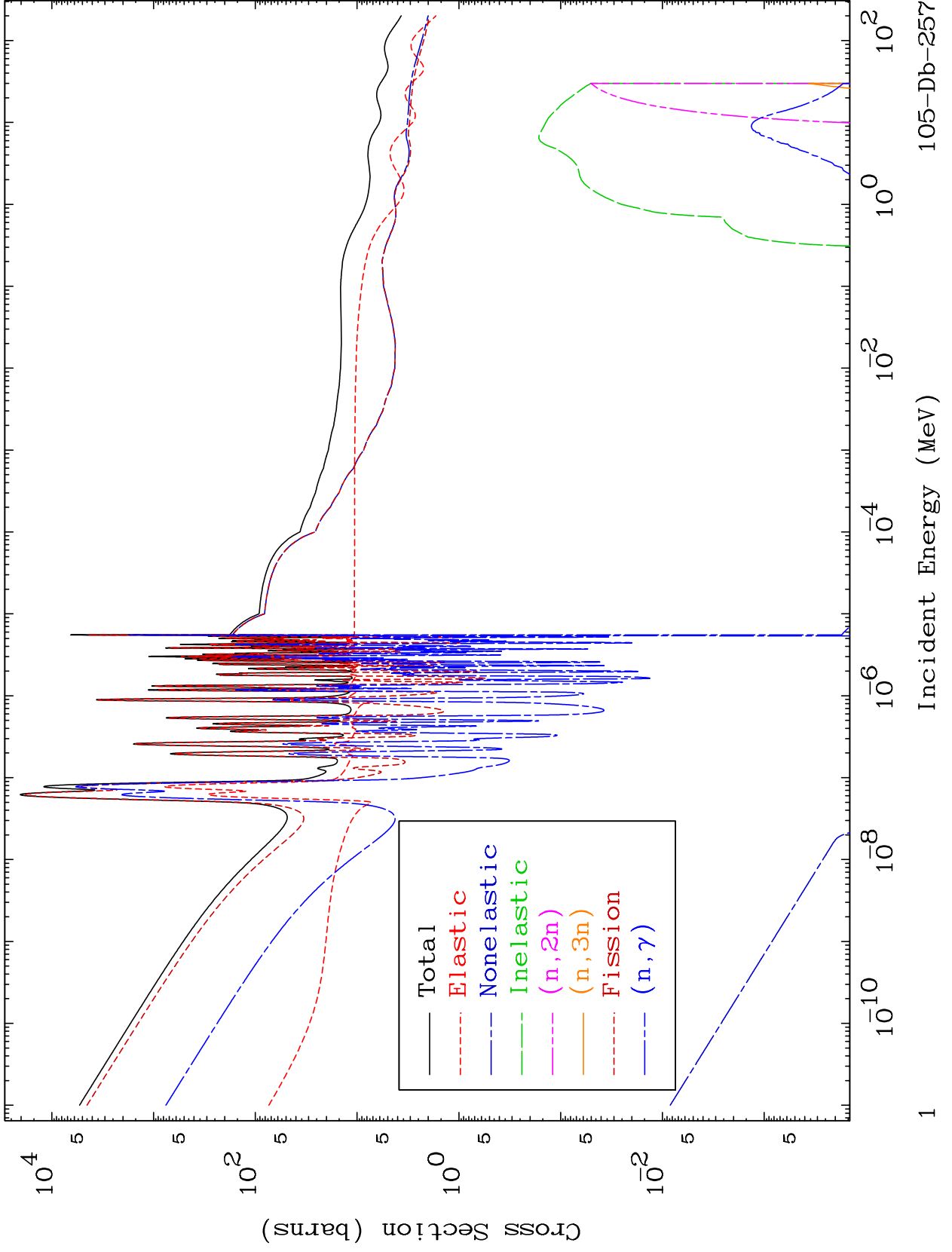
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 557

Neutron Major
293 Kelvin Cross Sections

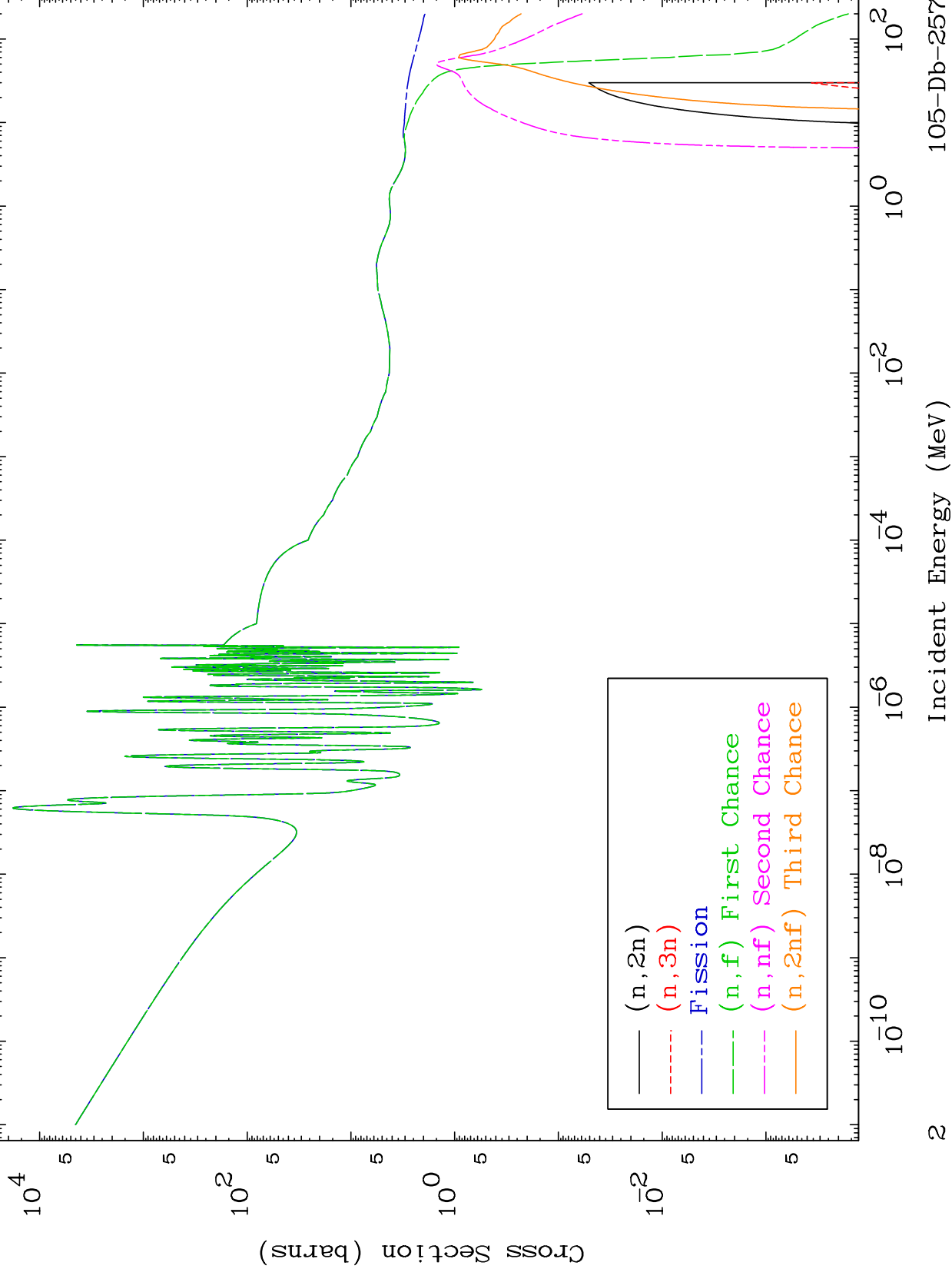
105-Db-257

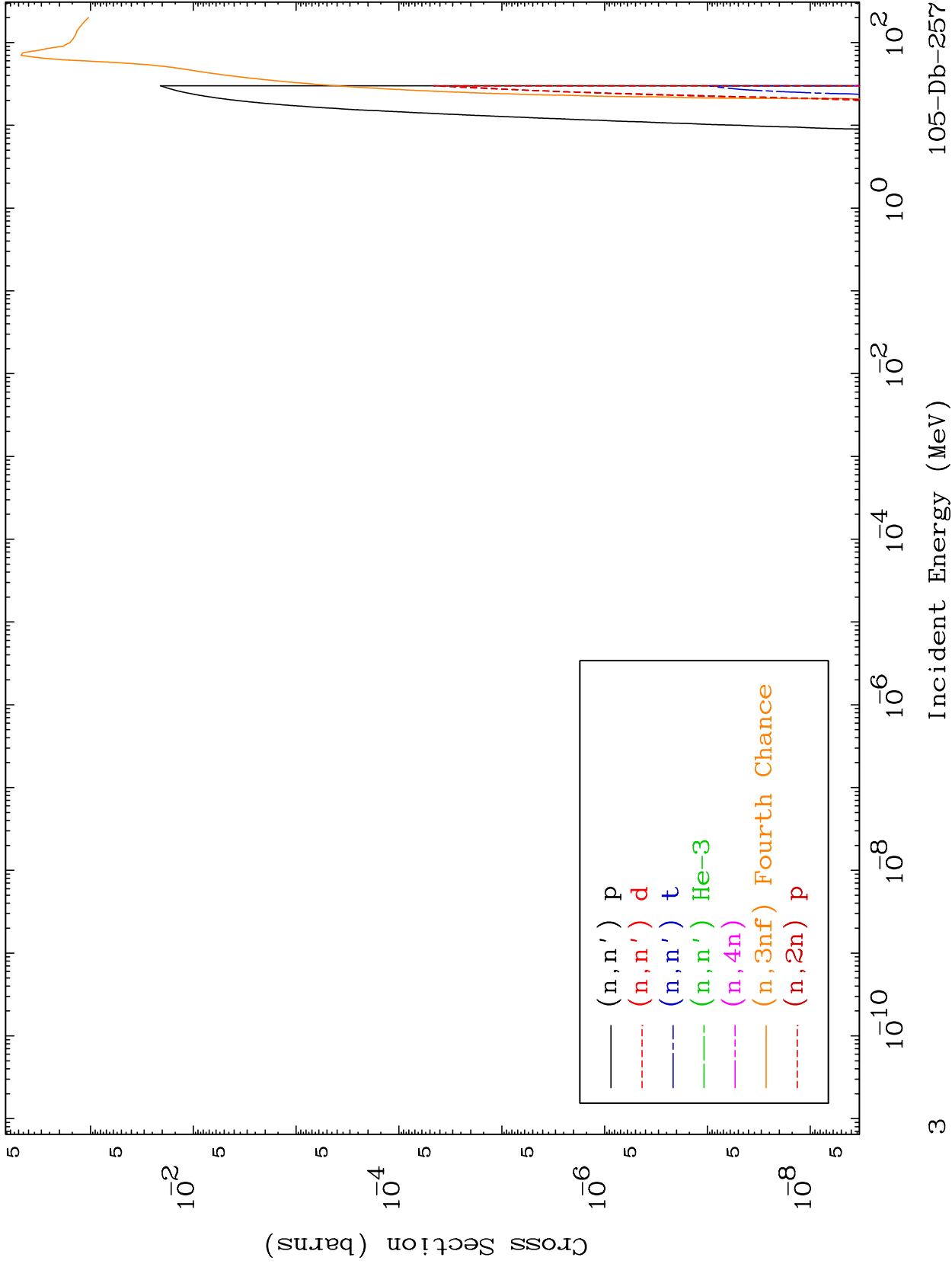


MAT 557

Neutron Absorption
293 Kelvin Cross Sections

105-Db-257

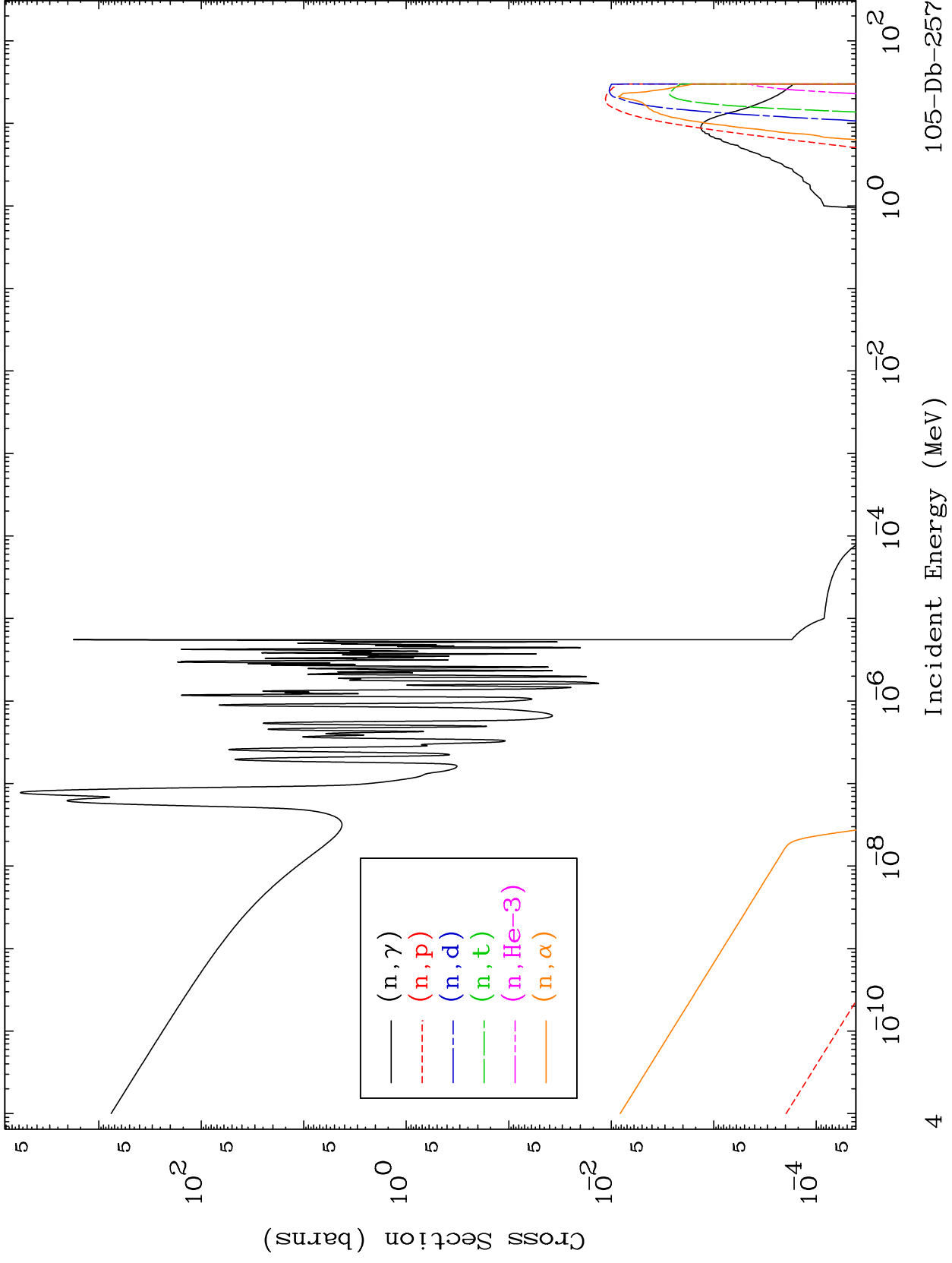


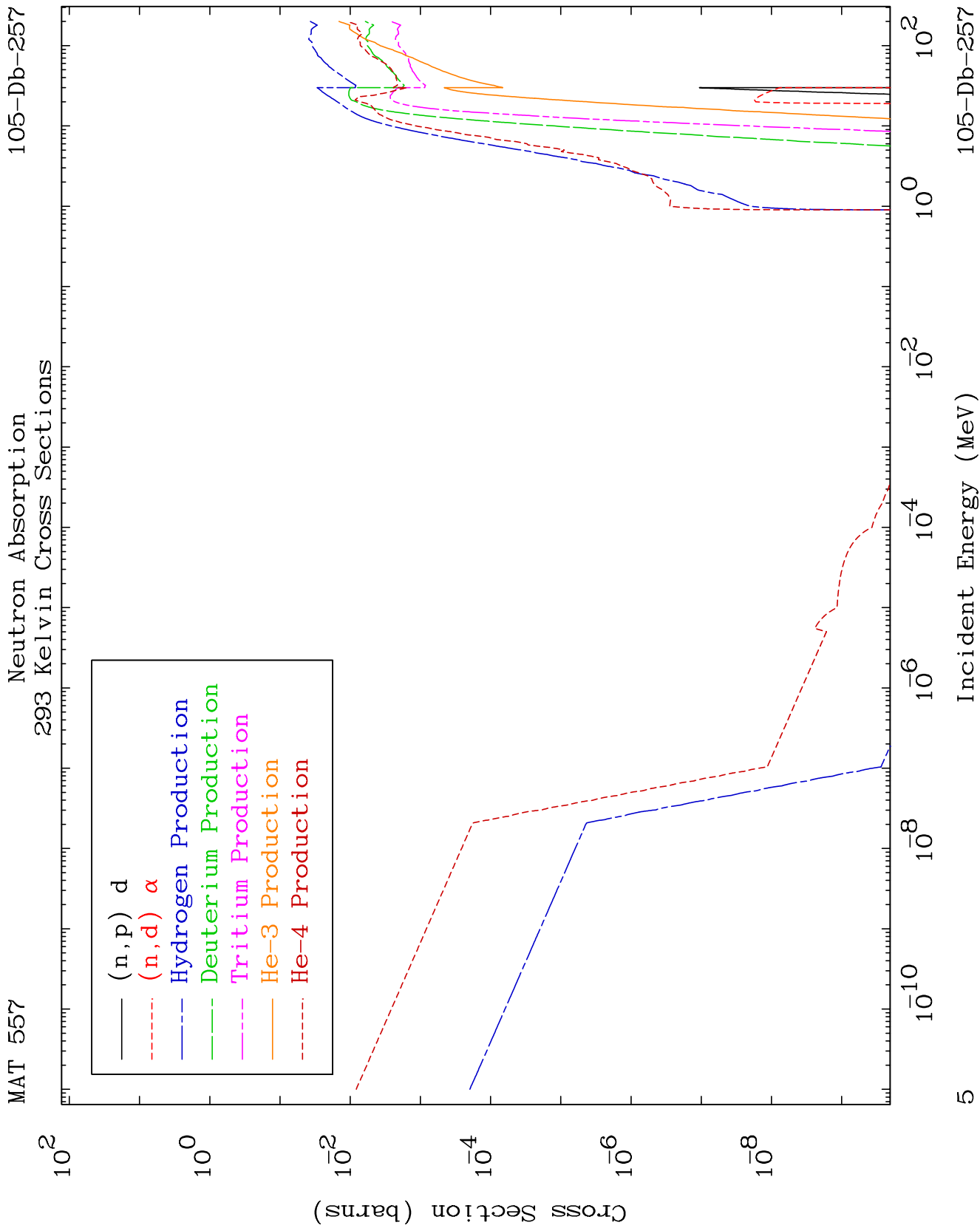


MAT 557

Neutron Absorption
293 Kelvin Cross Sections

105-Db-257

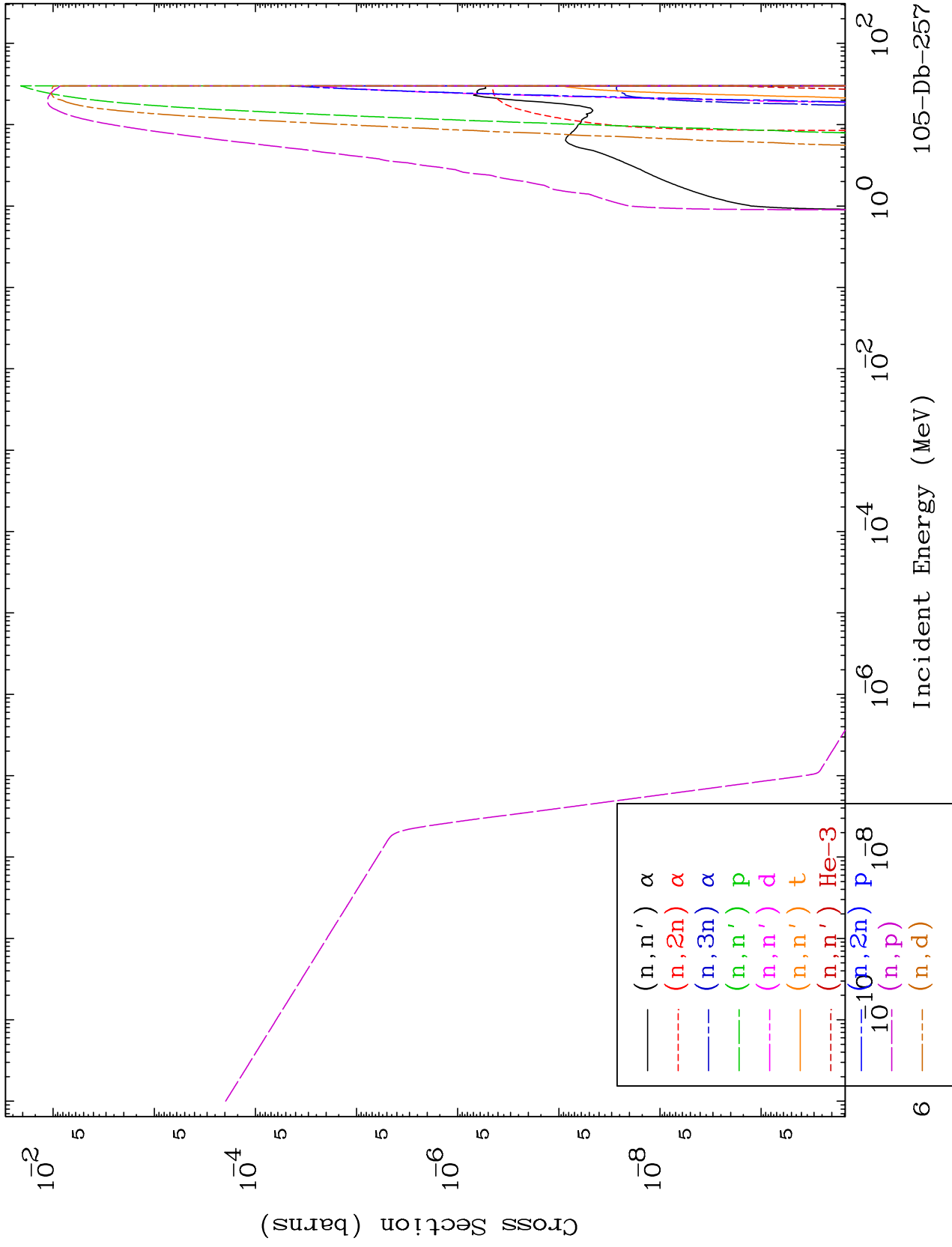


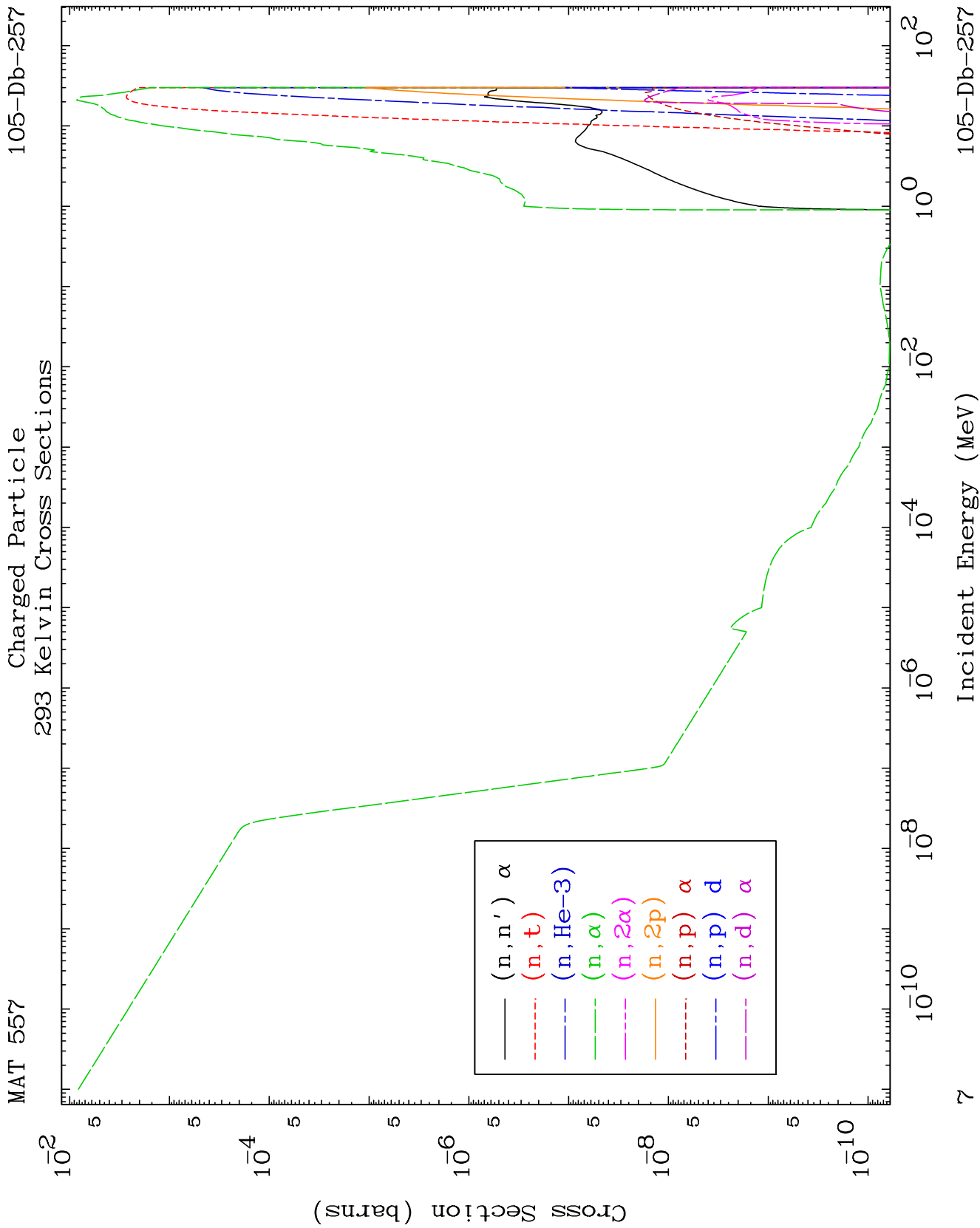


MAT 557

Charged Particle
293 Kelvin Cross Sections

105-Db-257

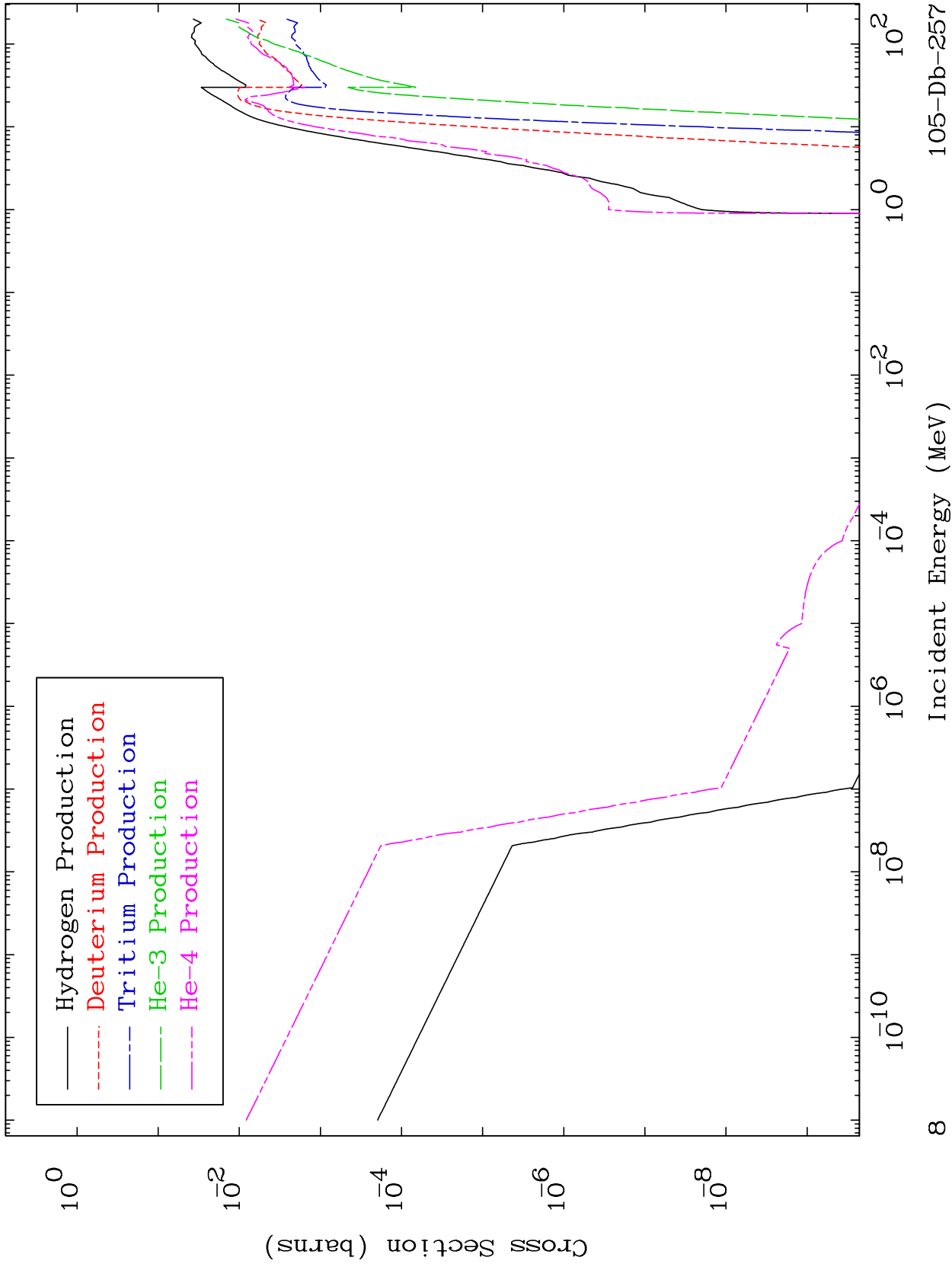




MAT 557

Particle Production
293 Kelvin Cross Sections

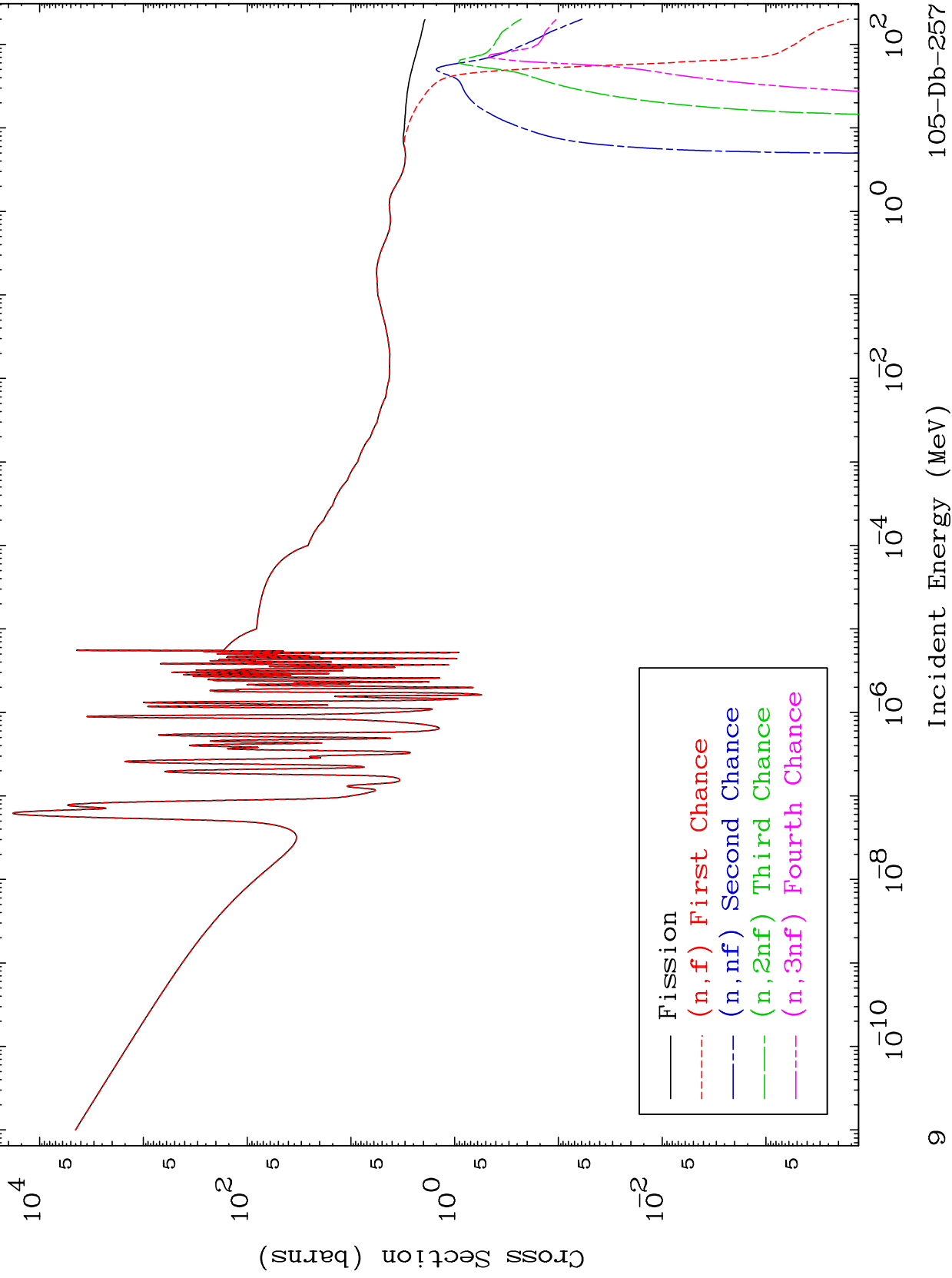
105-Db-257

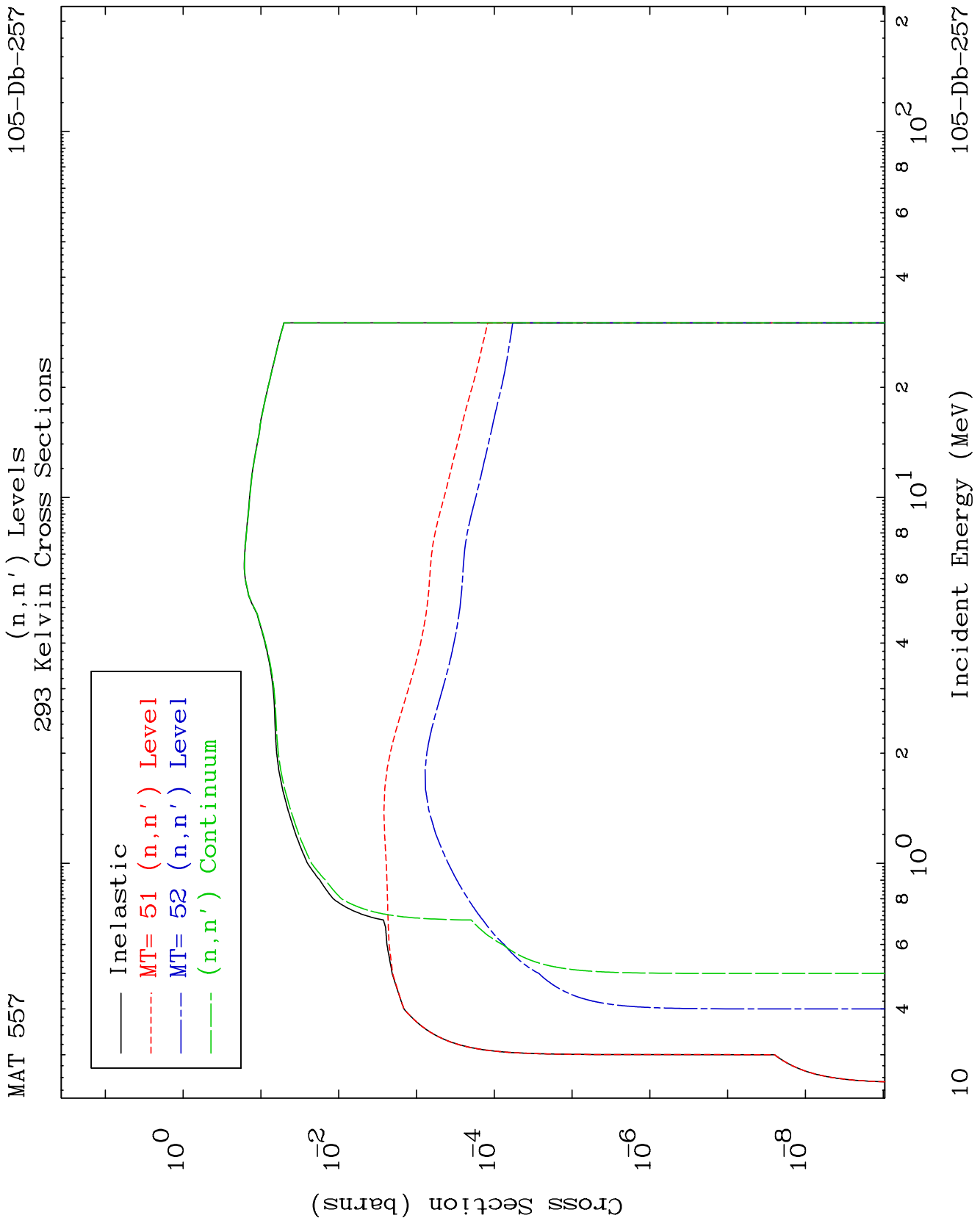


MAT 557

Fission
293 Kelvin Cross Sections

105-Db-257

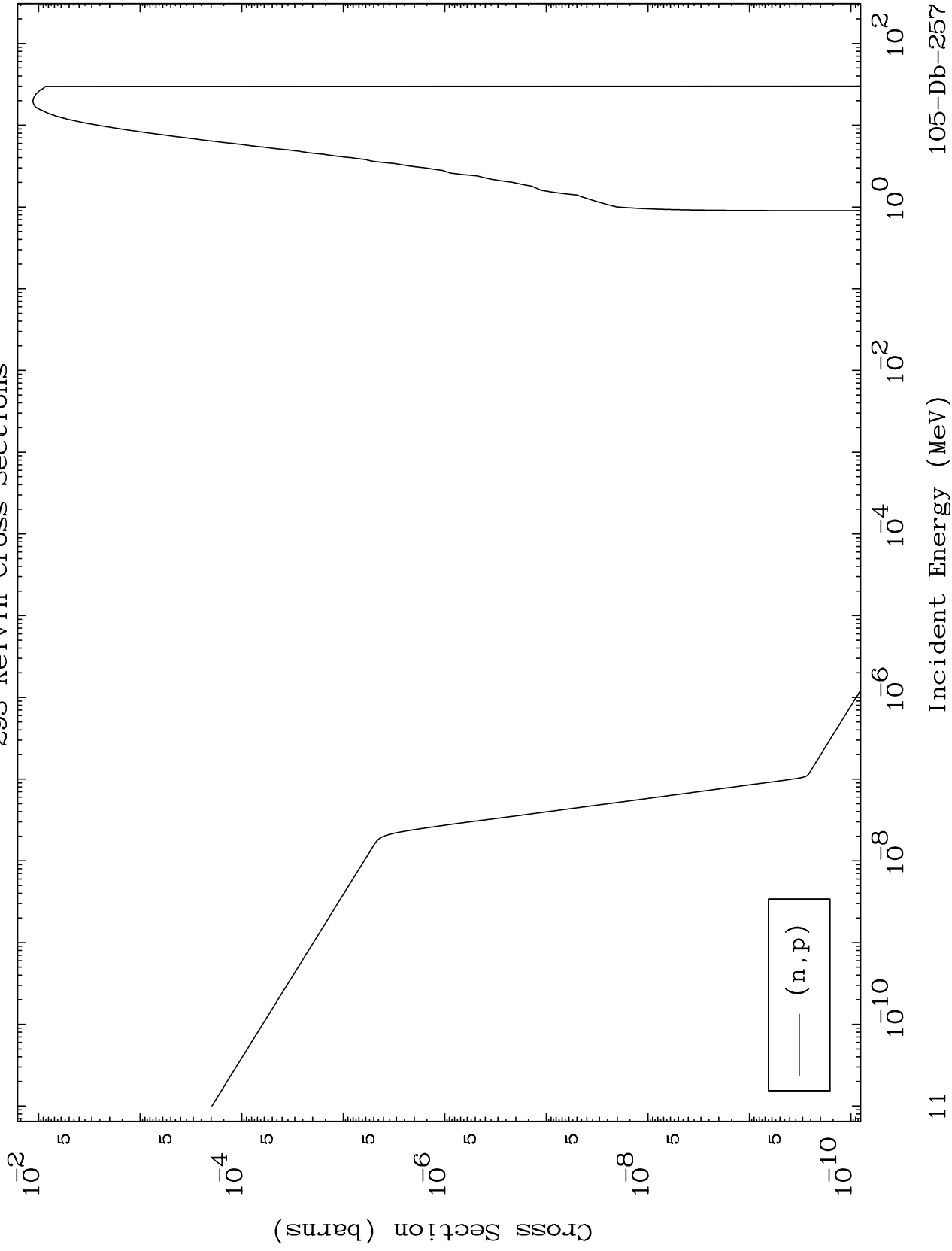




MAT 557

(n,p) Levels
293 Kelvin Cross Sections

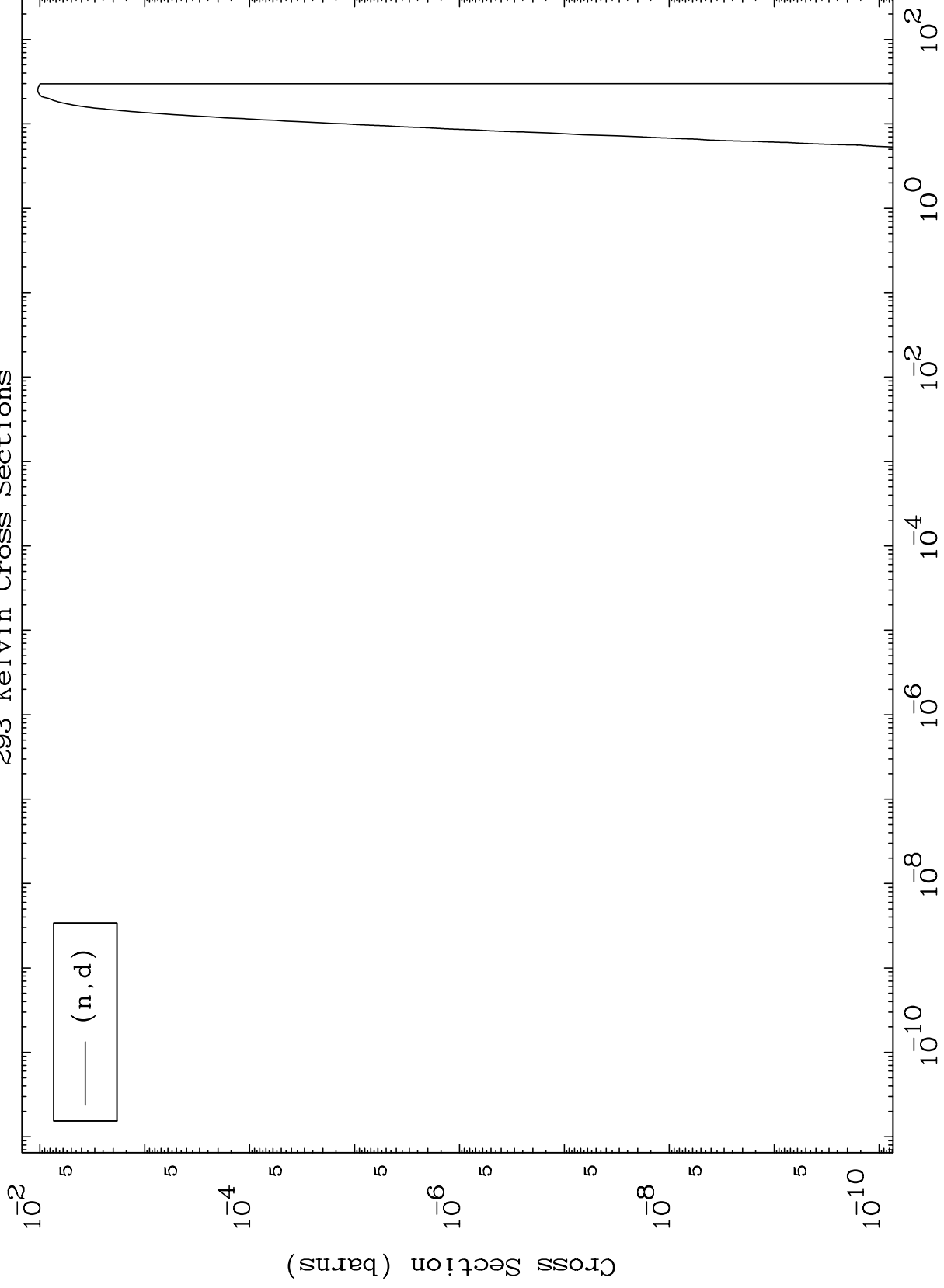
105-Db-257



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(n,d) Levels
293 Kelvin Cross Sections

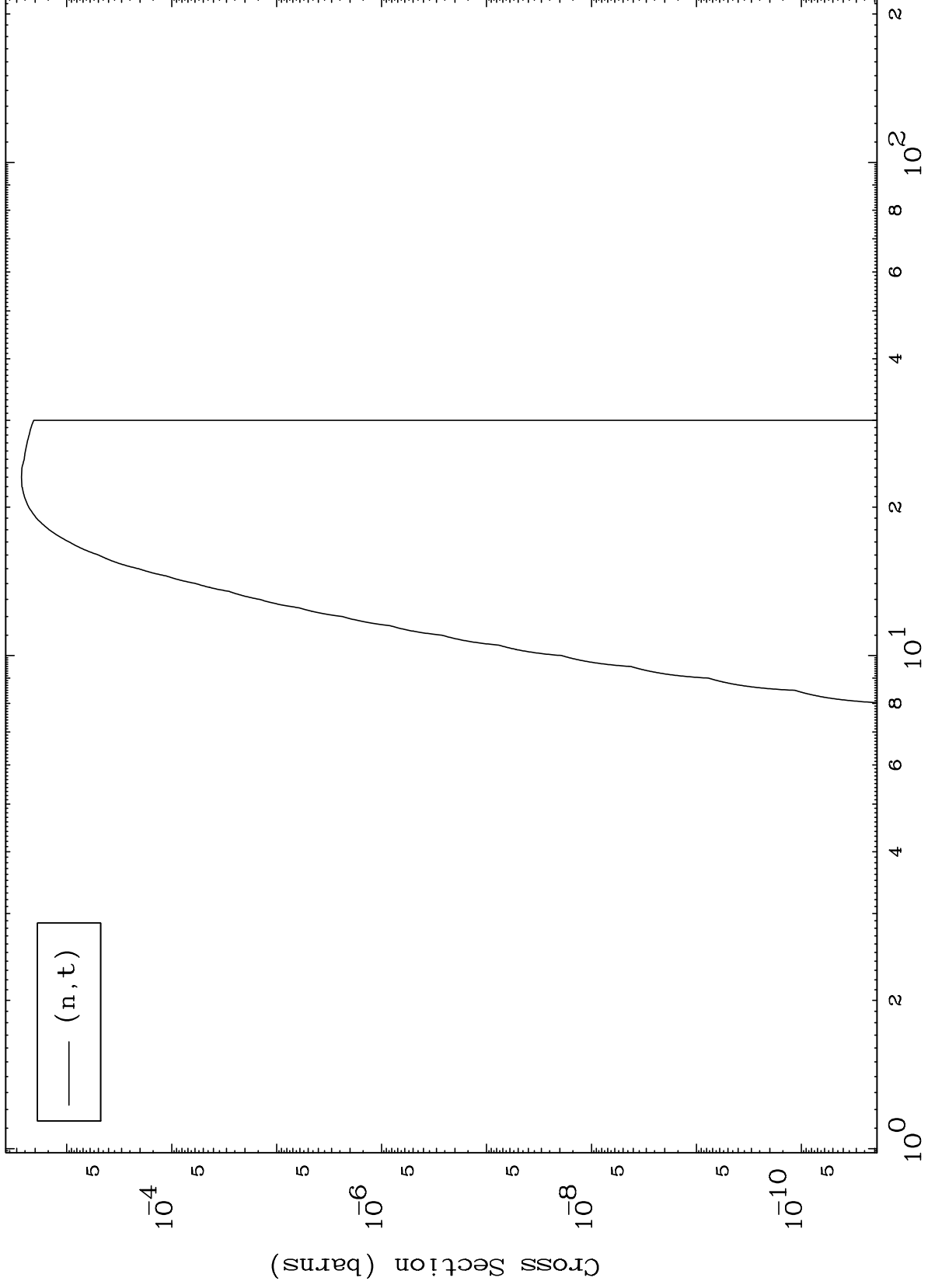
105-Db-257



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(n,t) Levels
293 Kelvin Cross Sections

105-Db-257



(n,t)

Incident Energy (MeV)

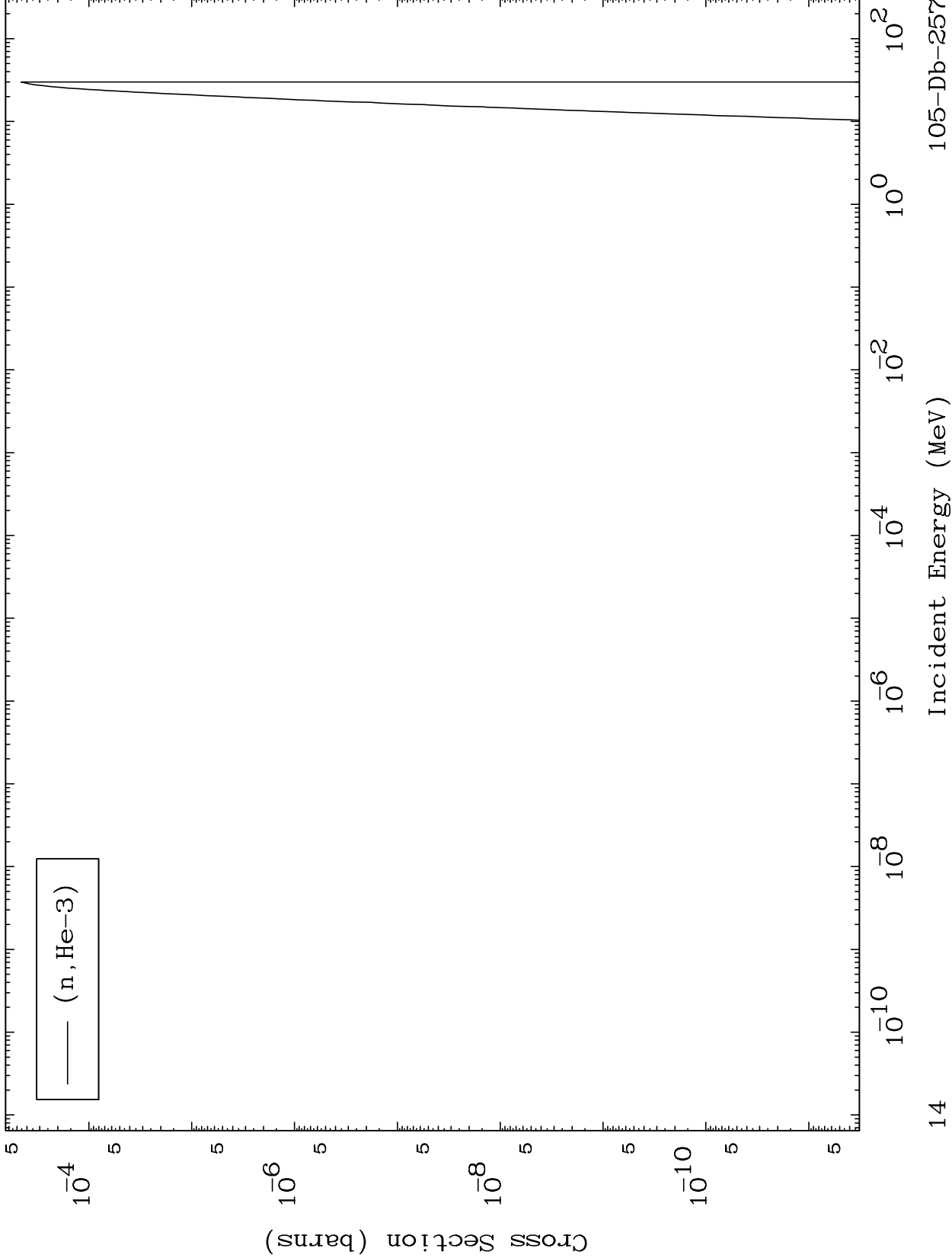
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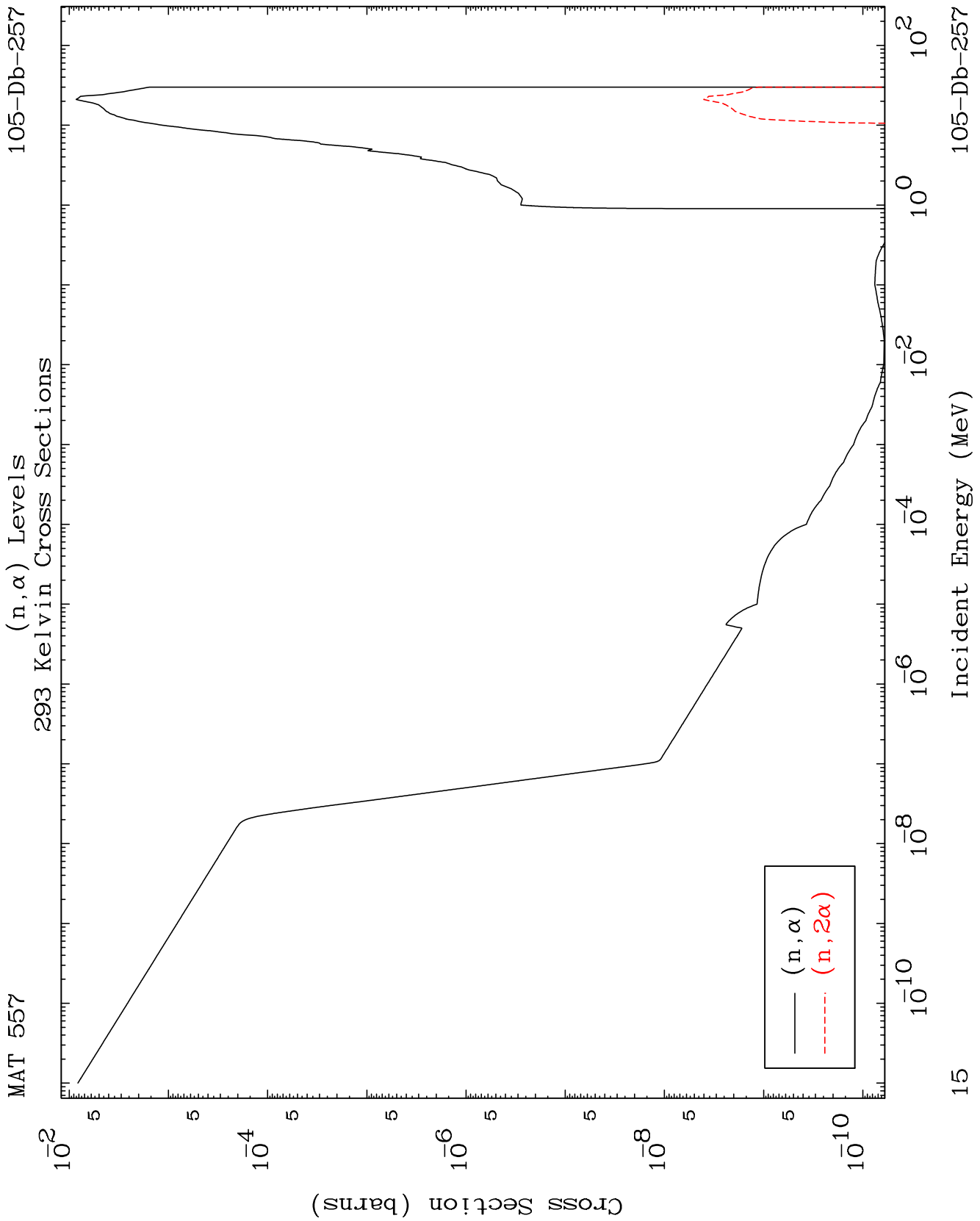
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(n,He3) Levels
293 Kelvin Cross Sections

105-Db-257

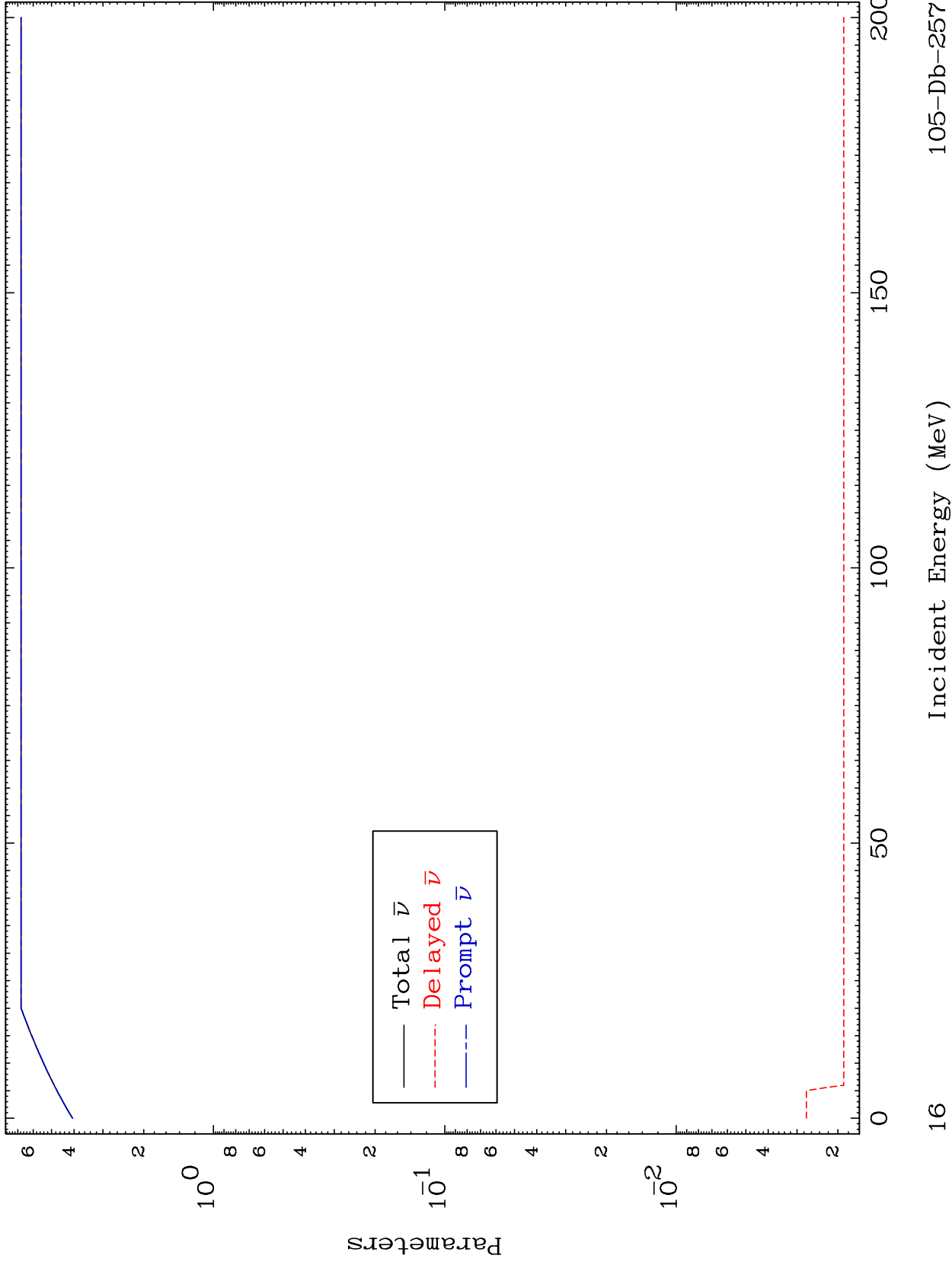




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Energy Release
Parameters

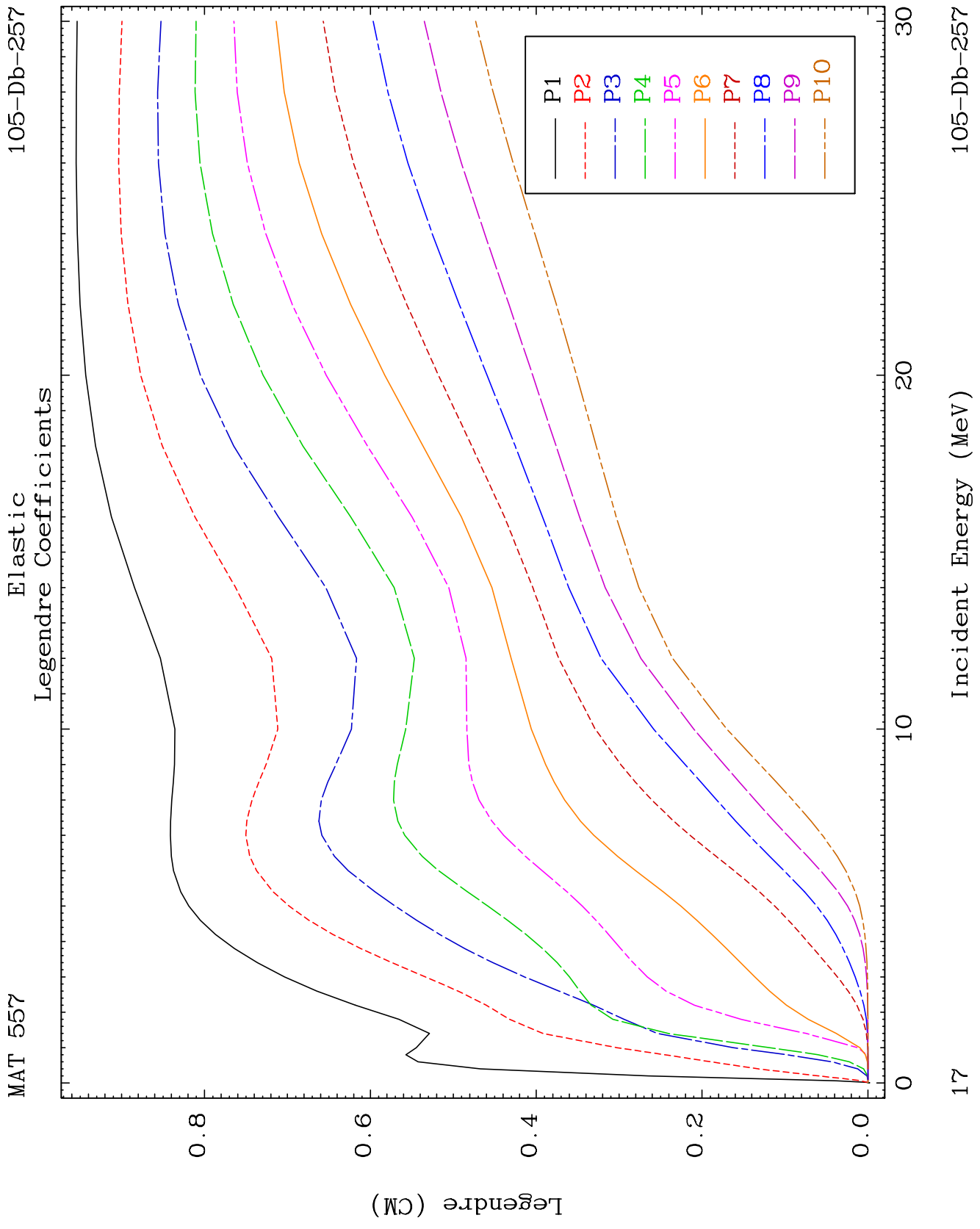
105-Db-257

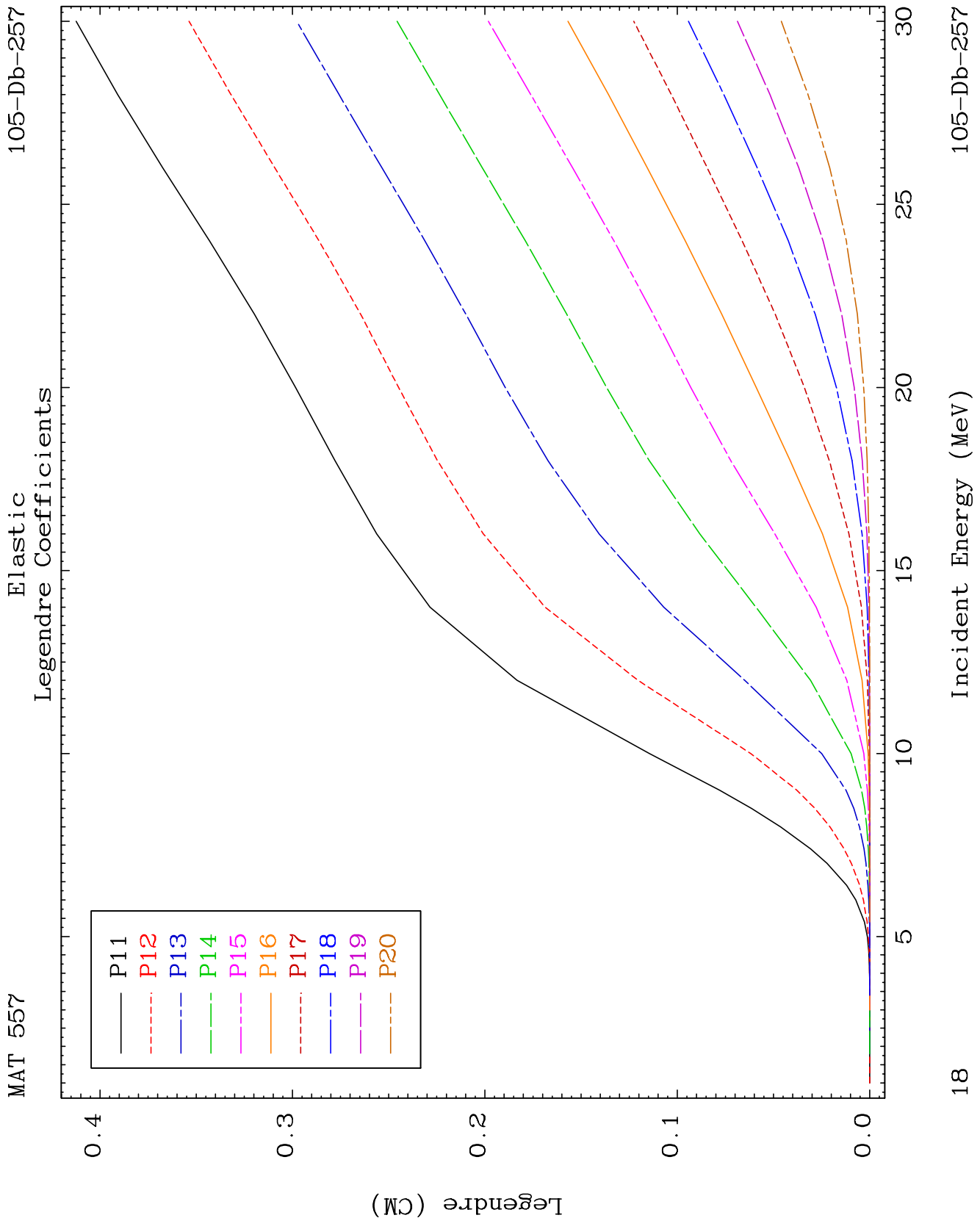


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Incident Energy (MeV)

105-Db-257

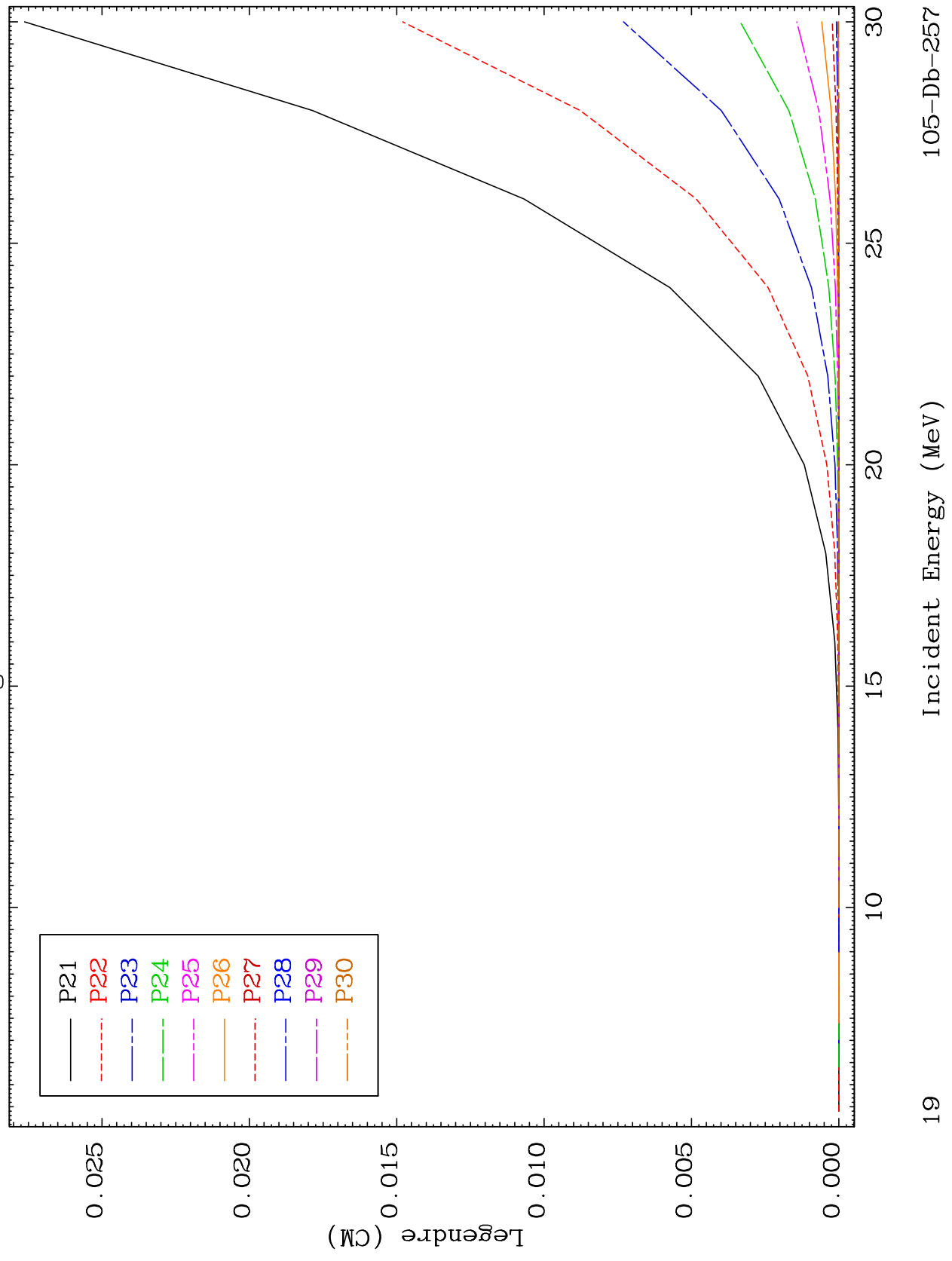




MAT 557

Elastic Legendre Coefficients

105-Db-257



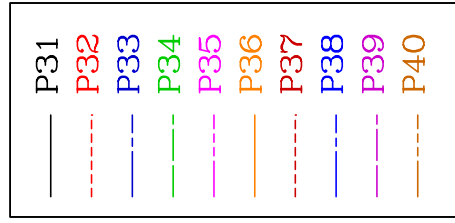
19

105-Db-257

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Elastic Legendre Coefficients

105-Db-257



$\times 10^{-6}$

3

2

1

0

Legendre (CM)

15

20

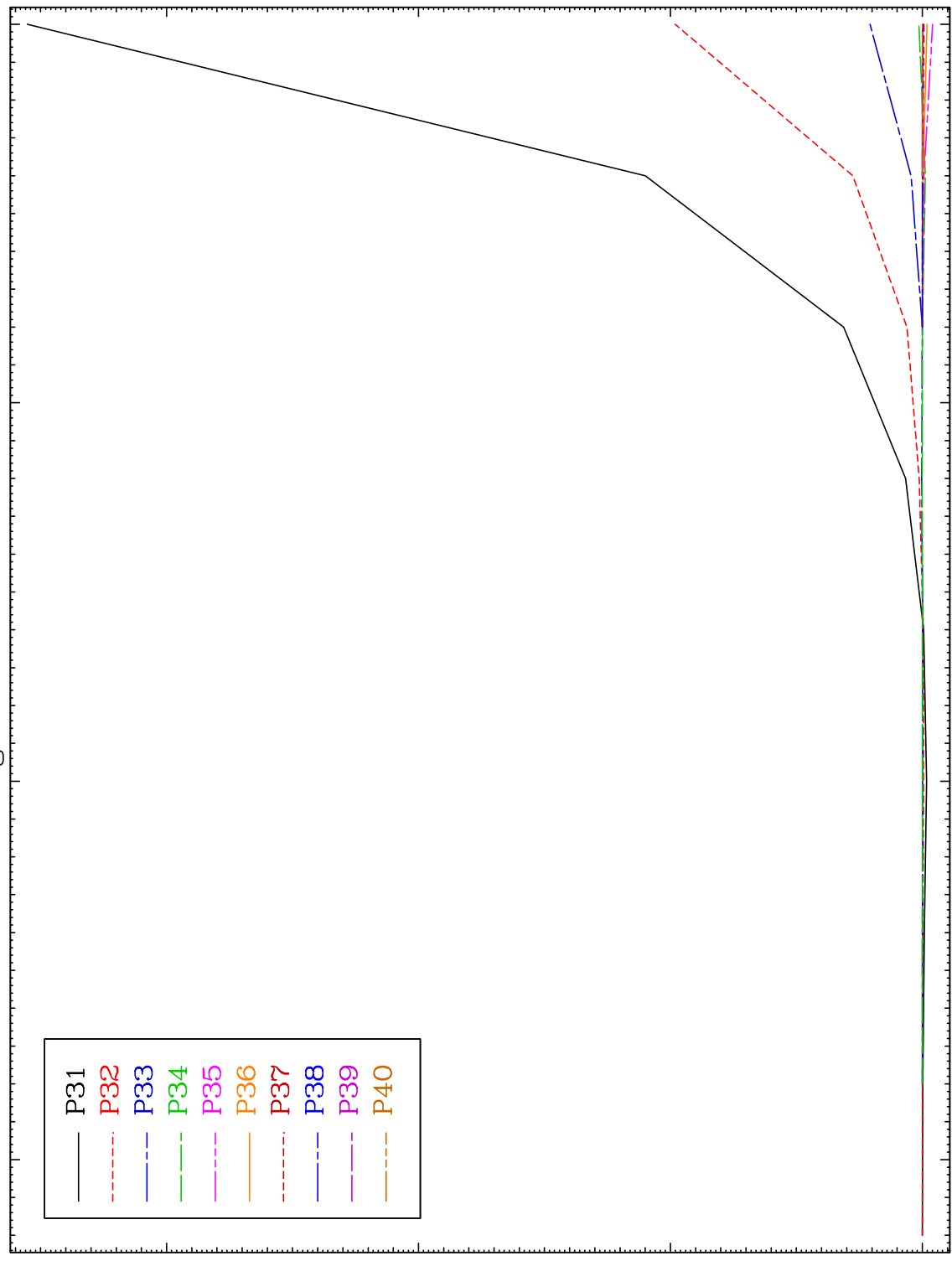
25

30

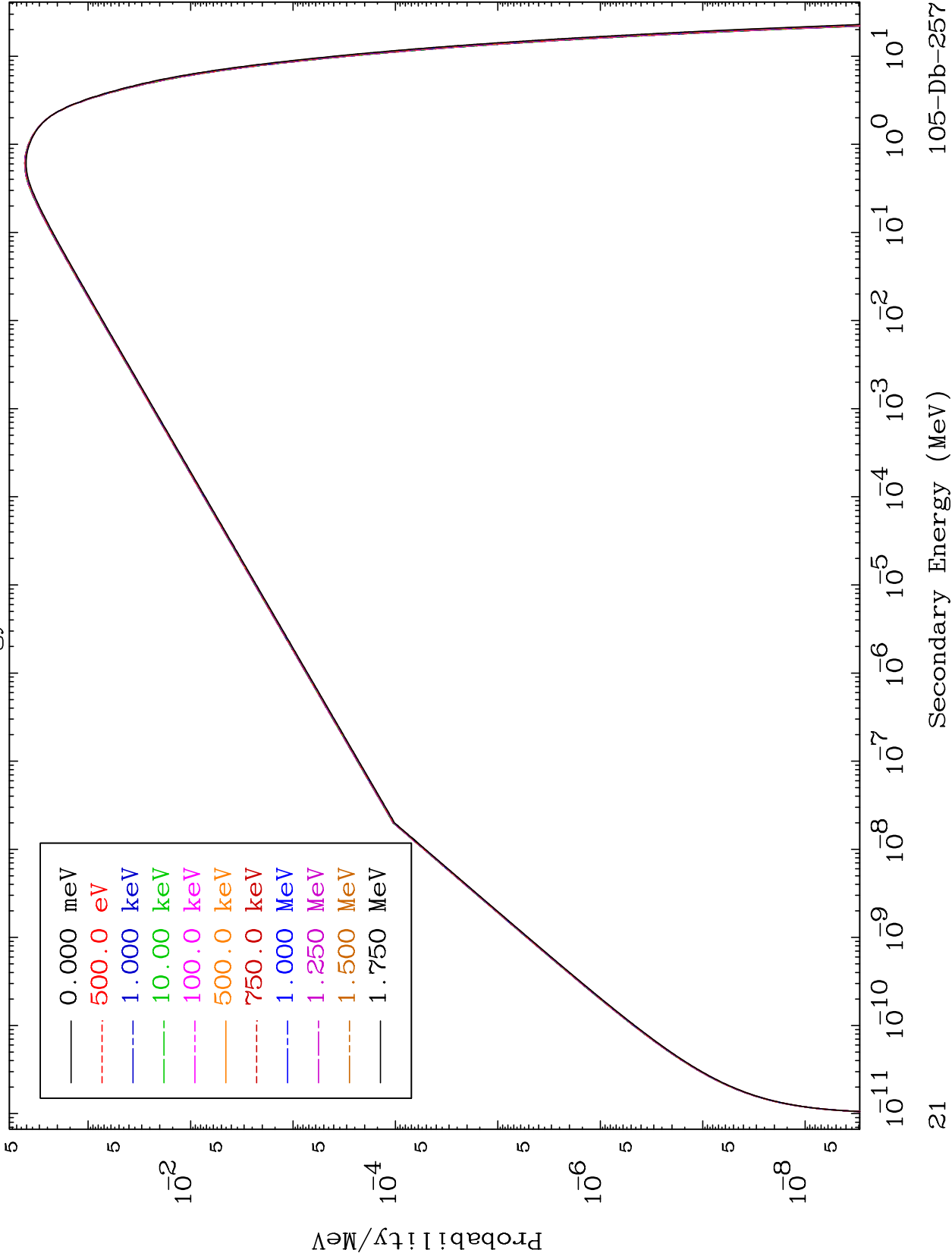
20

Incident Energy (MeV)

105-Db-257



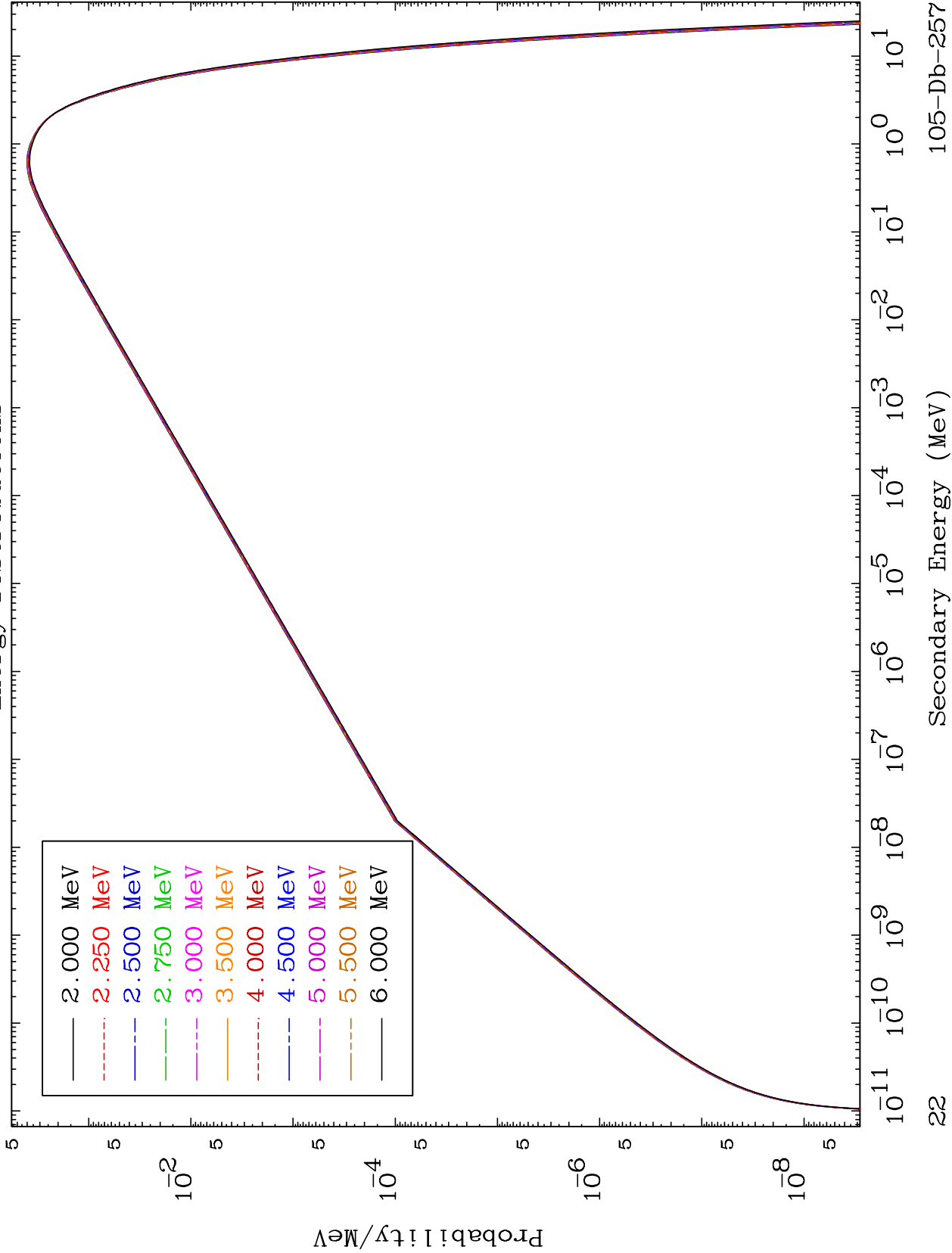
Fission Energy Distributions



MAT 557

Fission Energy Distributions

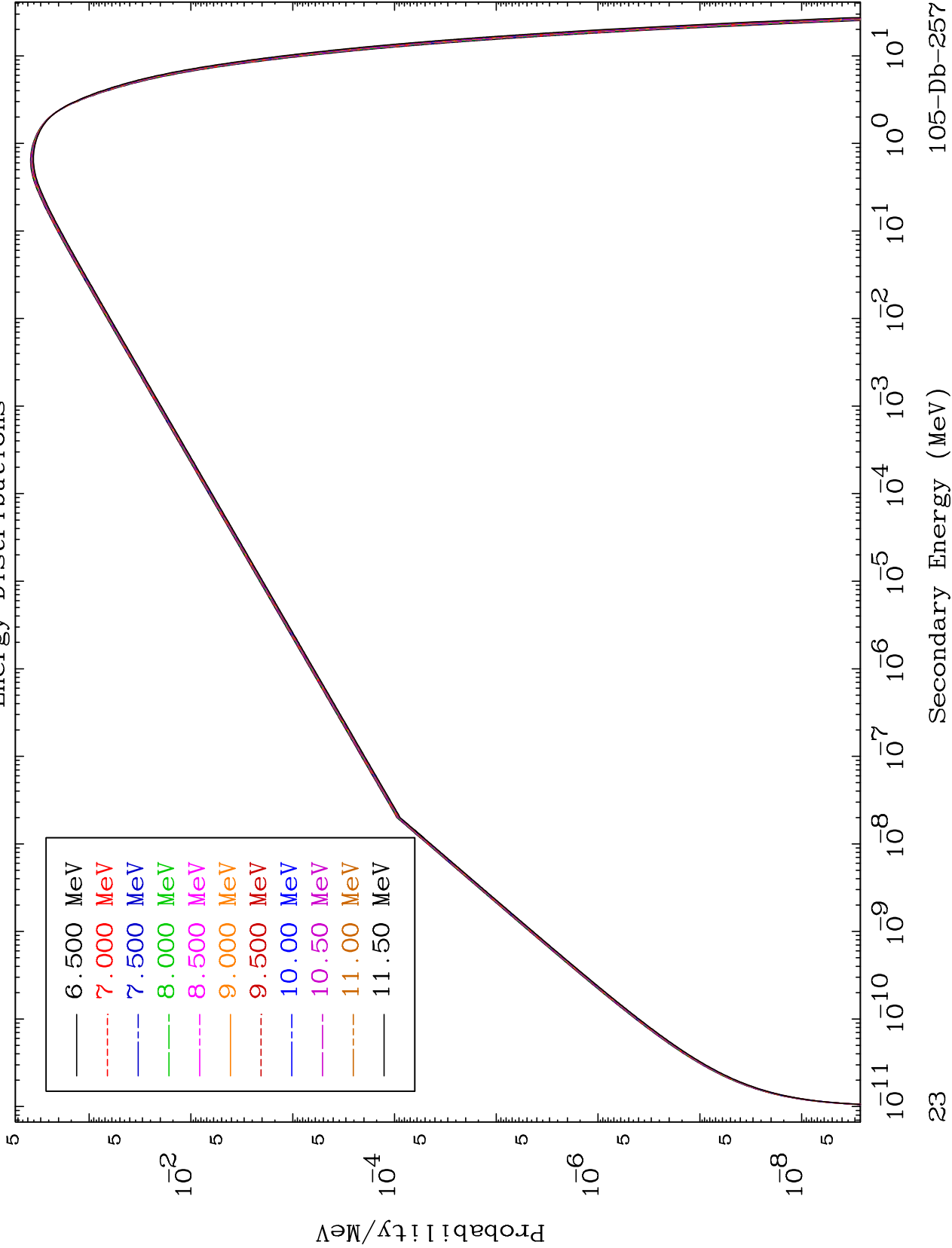
105-Db-257



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Fission Energy Distributions

105-Db-257



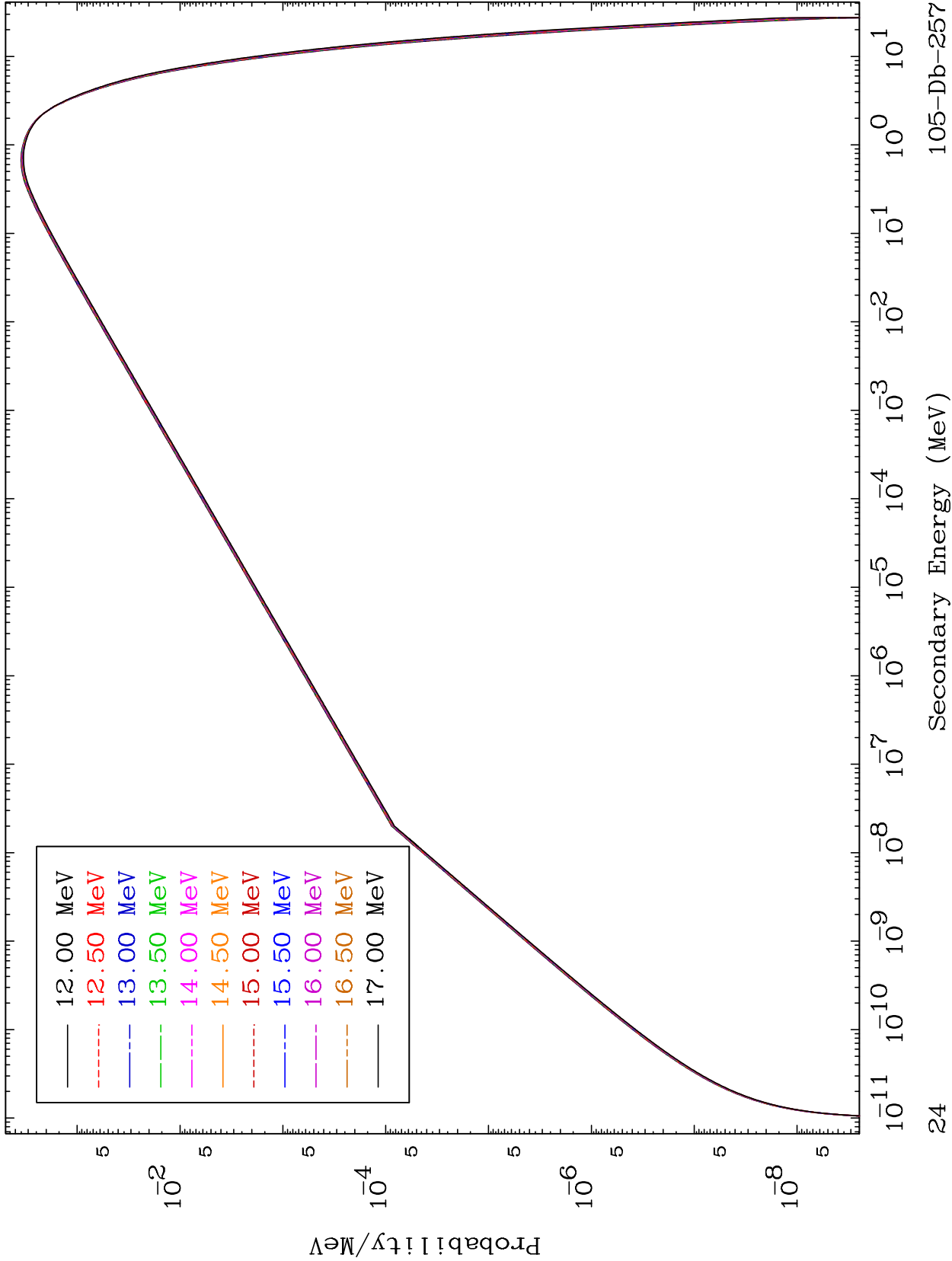
105-Db-257

Secondary Energy (MeV)

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Fission Energy Distributions

105-Db-257



105-Db-257

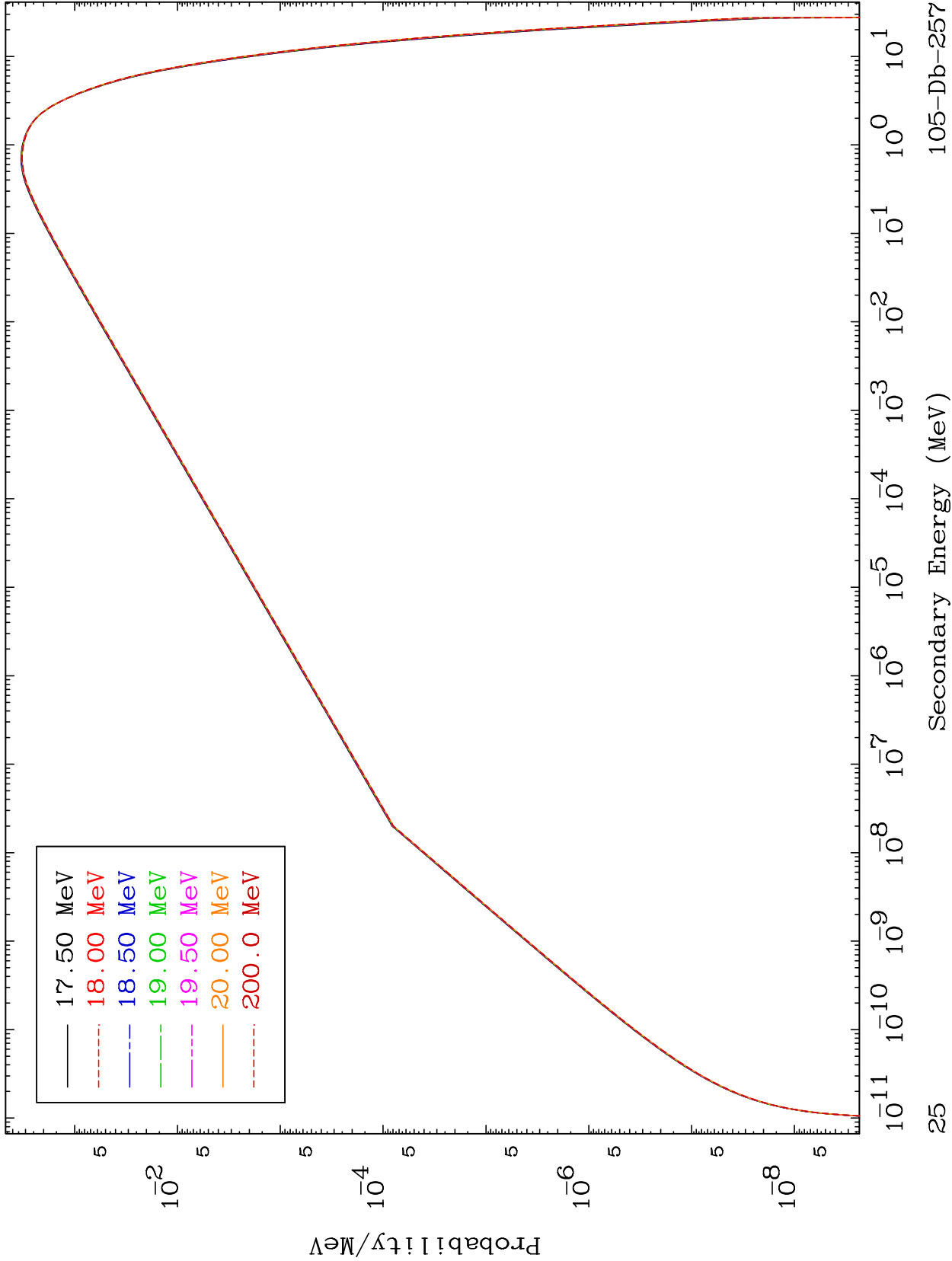
Secondary Energy (MeV)

24

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Fission Energy Distributions

105-Db-257

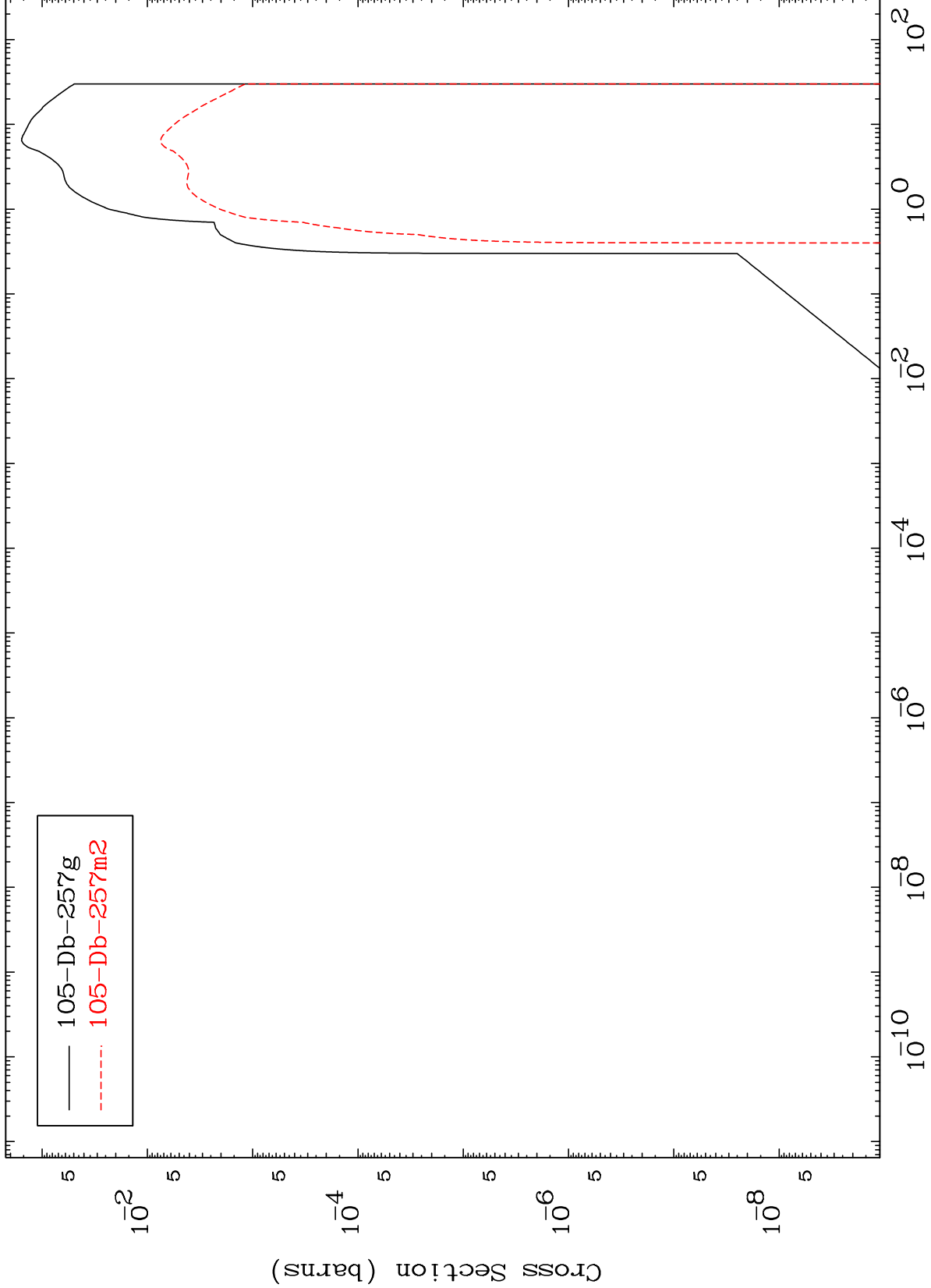


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Inelastic
Radionuclide Production Cross Section

105-Db-257



— 105-Db-257g
- - - 105-Db-257m2

Incident Energy (MeV)

105-Db-257

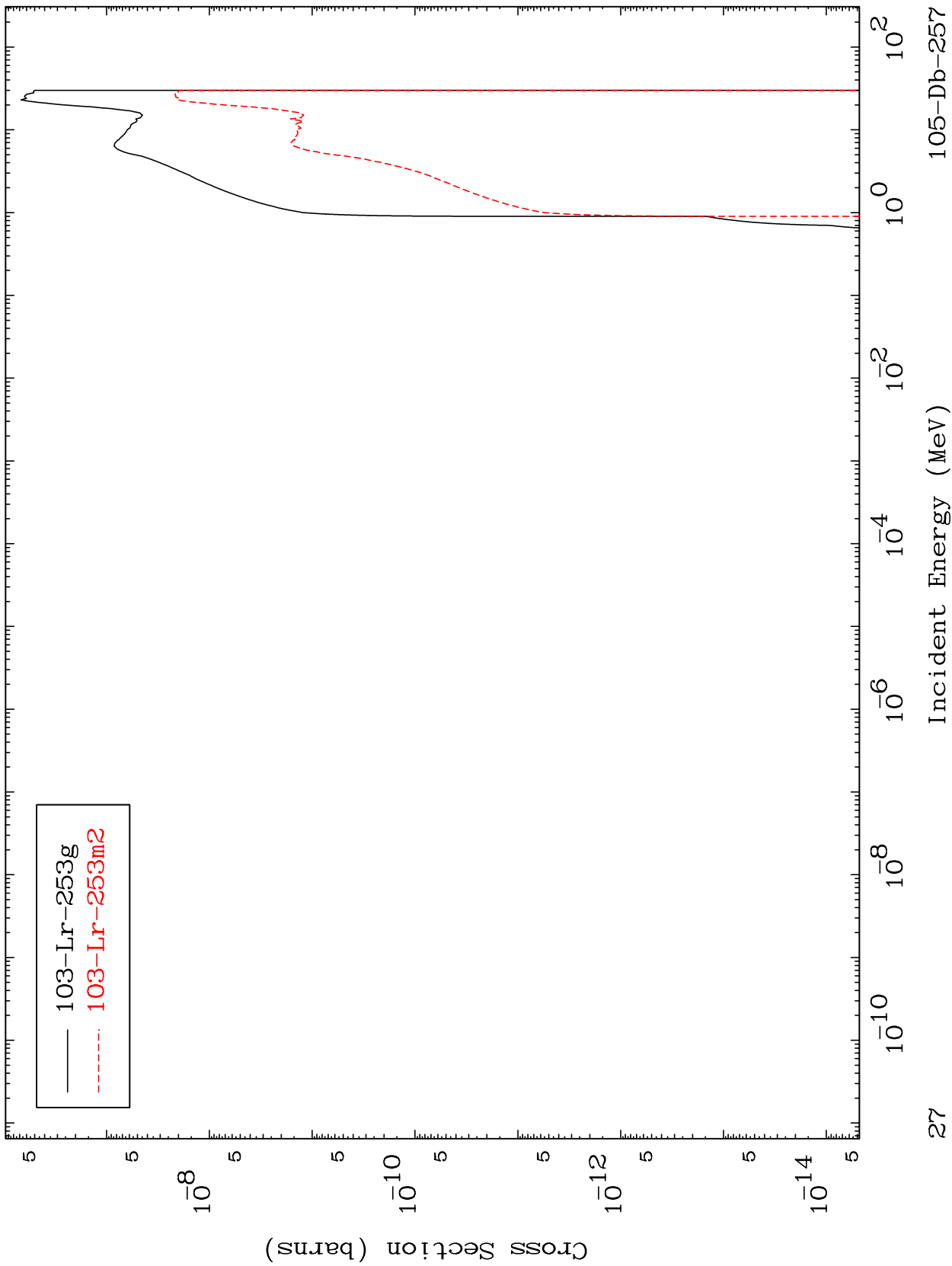
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$(n, n') \alpha$

105-Db-257

Radionuclide Production Cross Section

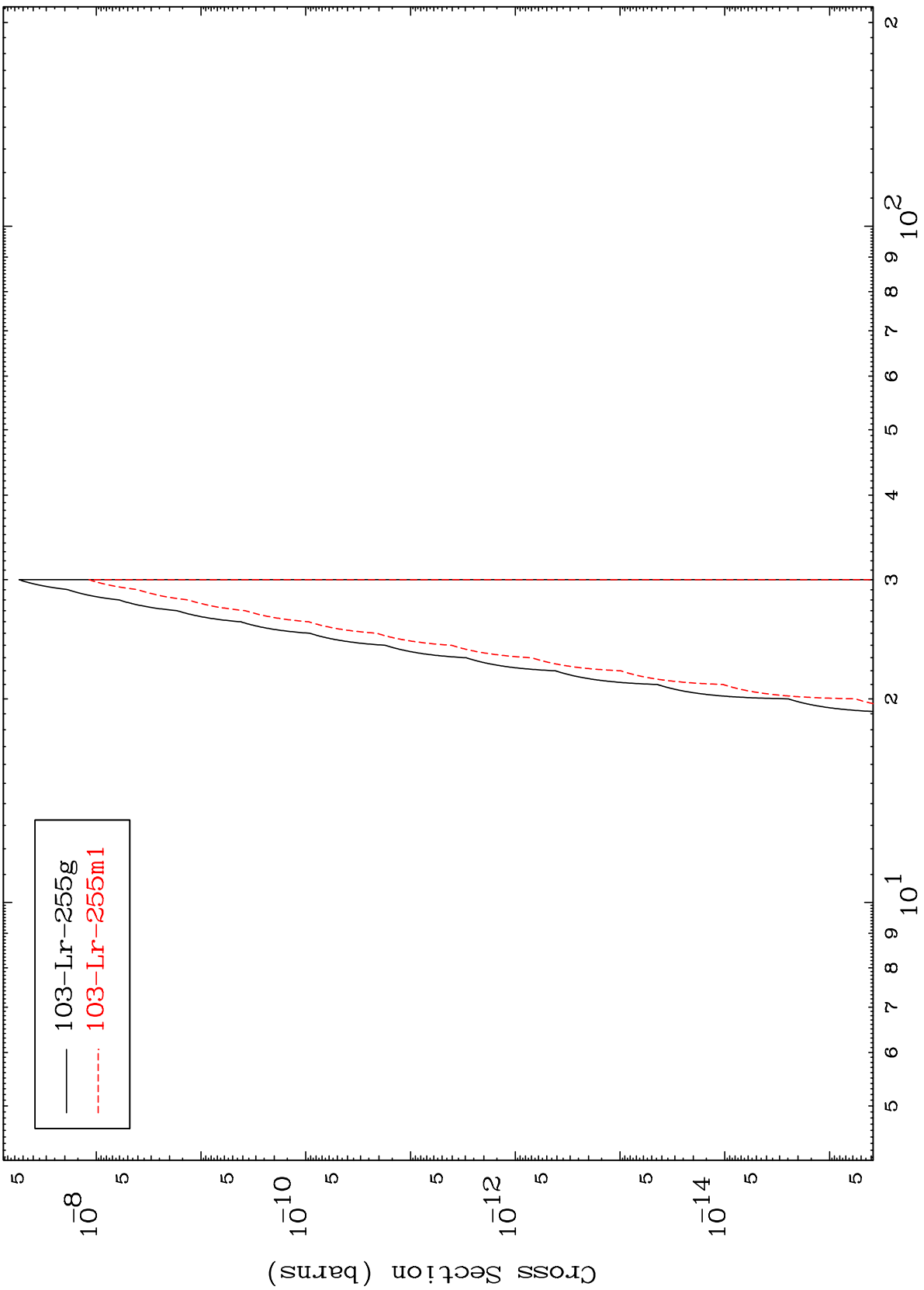


MAT 557

(n,2n) p

105-Db-257

Radionuclide Production Cross Section



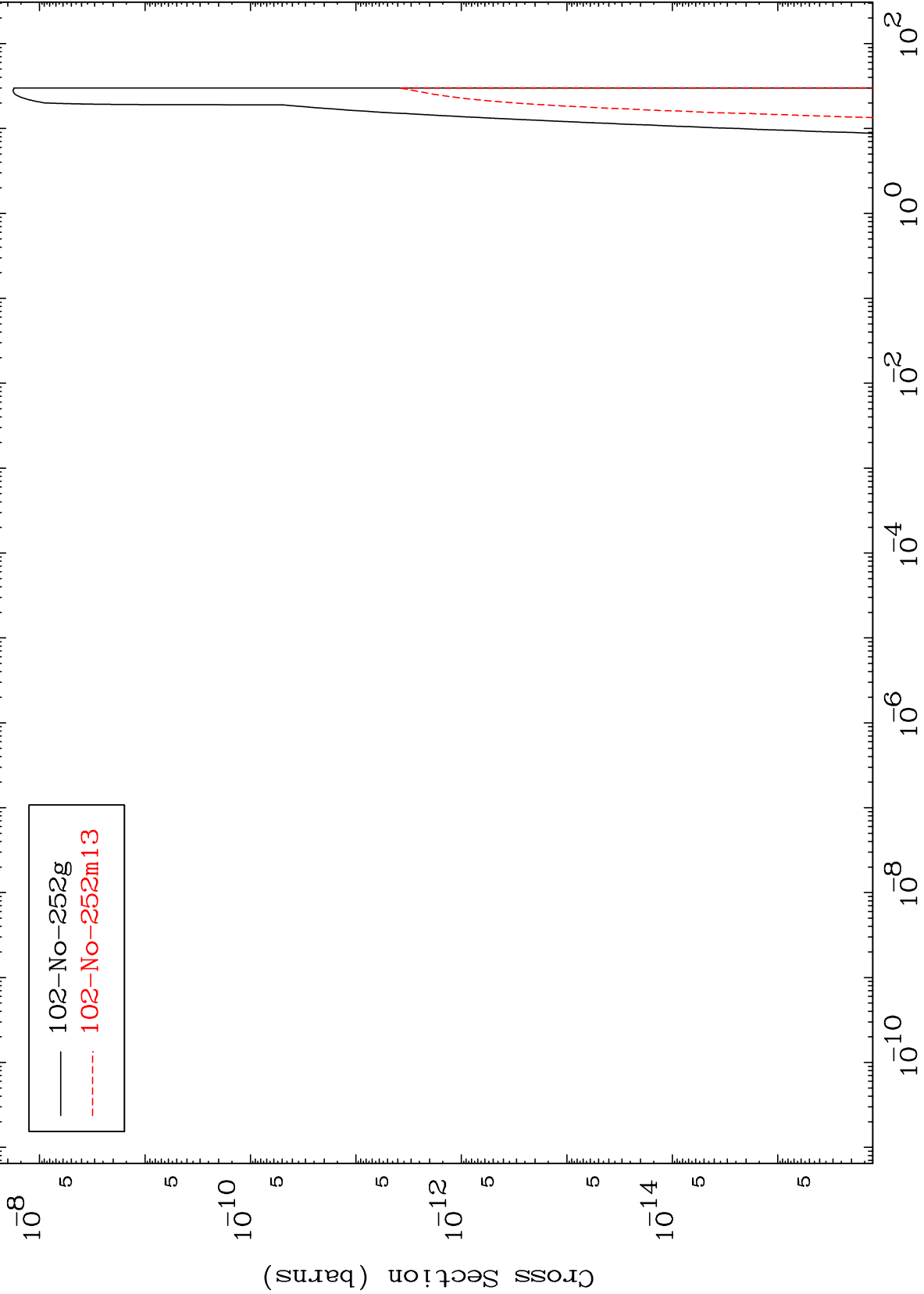
103-Lr-255g
103-Lr-255m1

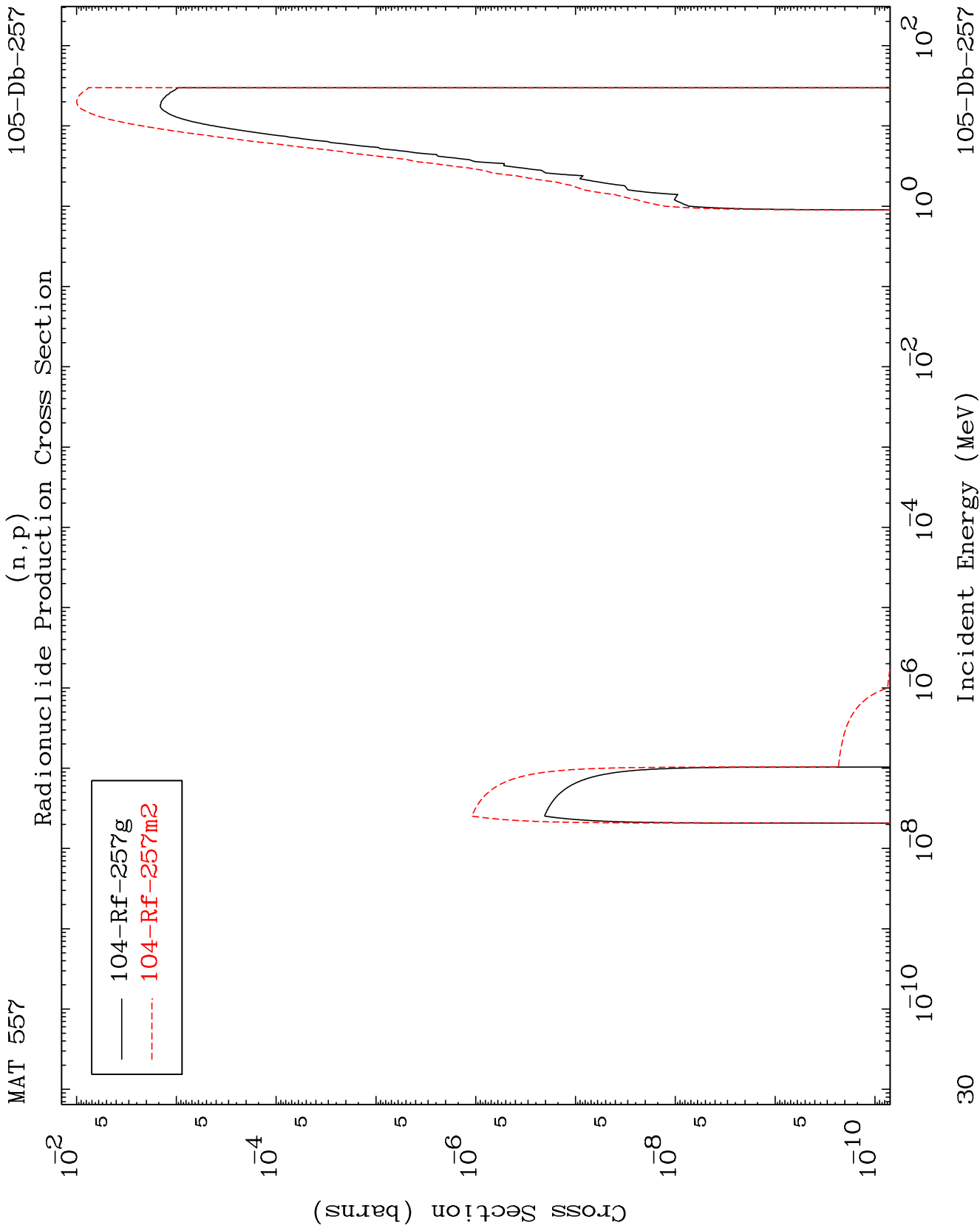
MAT 557

(n,n') p α

105-Db-257

Radionuclide Production Cross Section



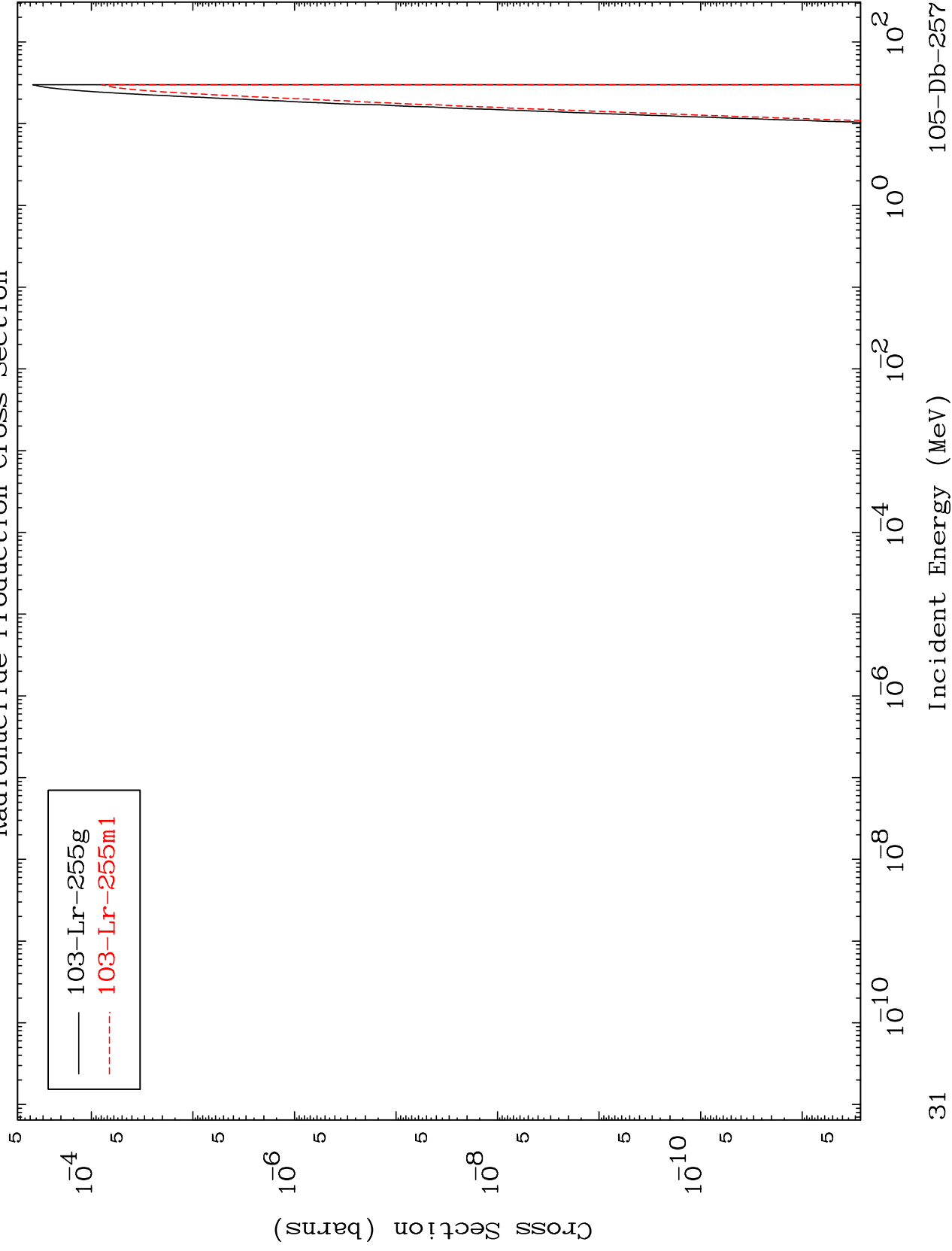


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(n,He-3)

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Radionuclide Production Cross Section

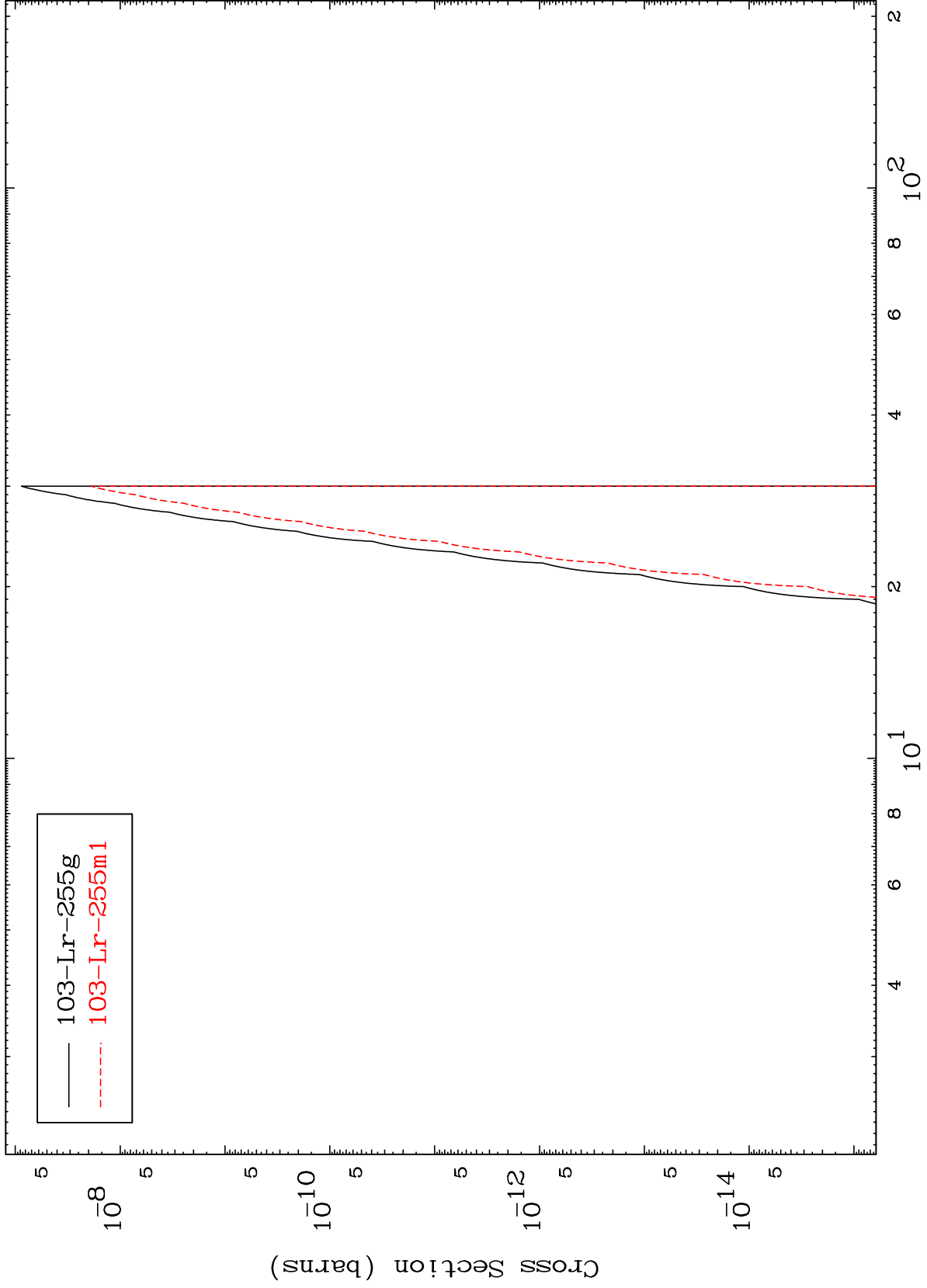


MAT 557

(n,p) d

105-Db-257

Radionuclide Production Cross Section

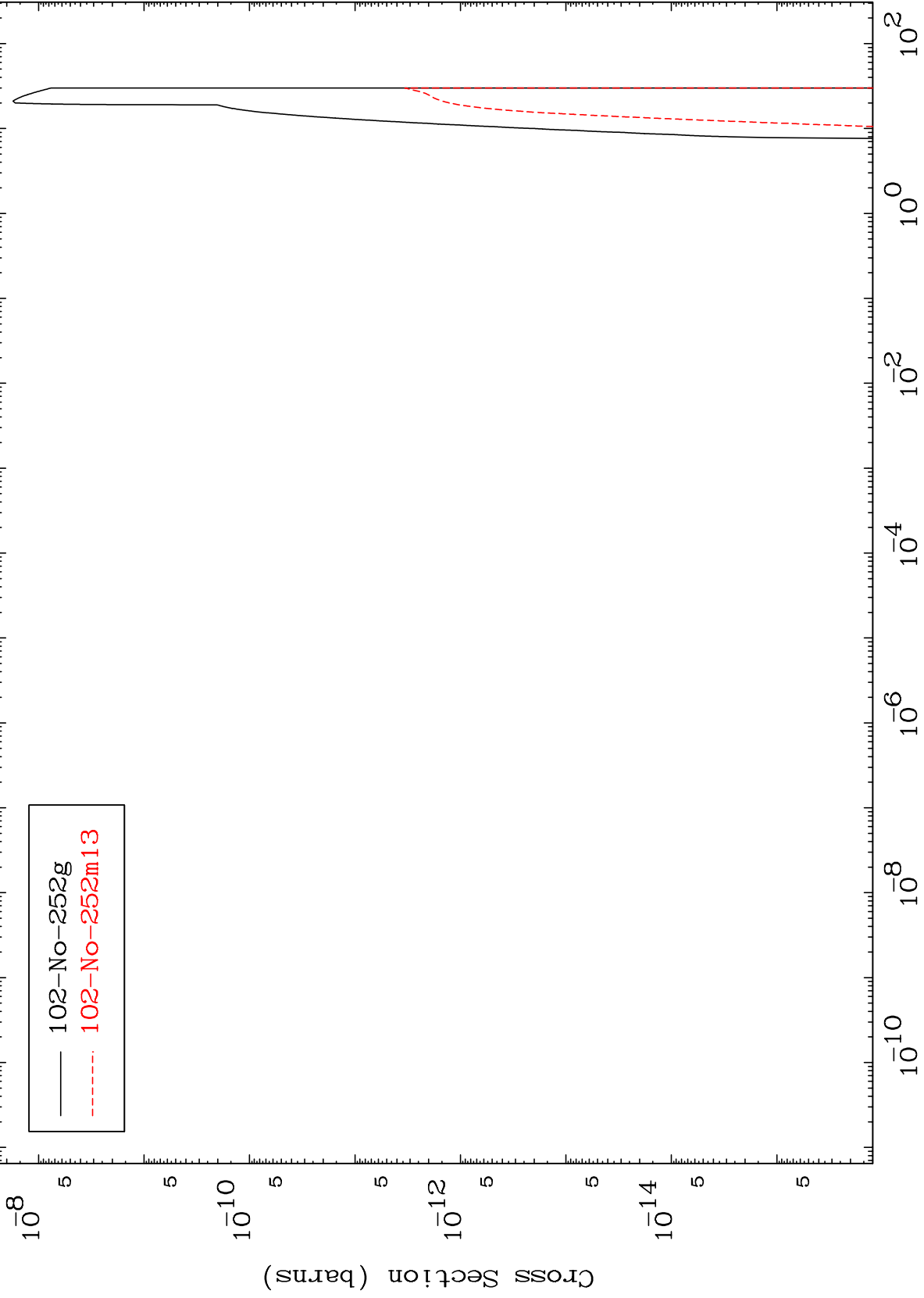


MAT 557

(n,d) α

105-Db-257

Radionuclide Production Cross Section



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105-Db-257

105-Db-257