

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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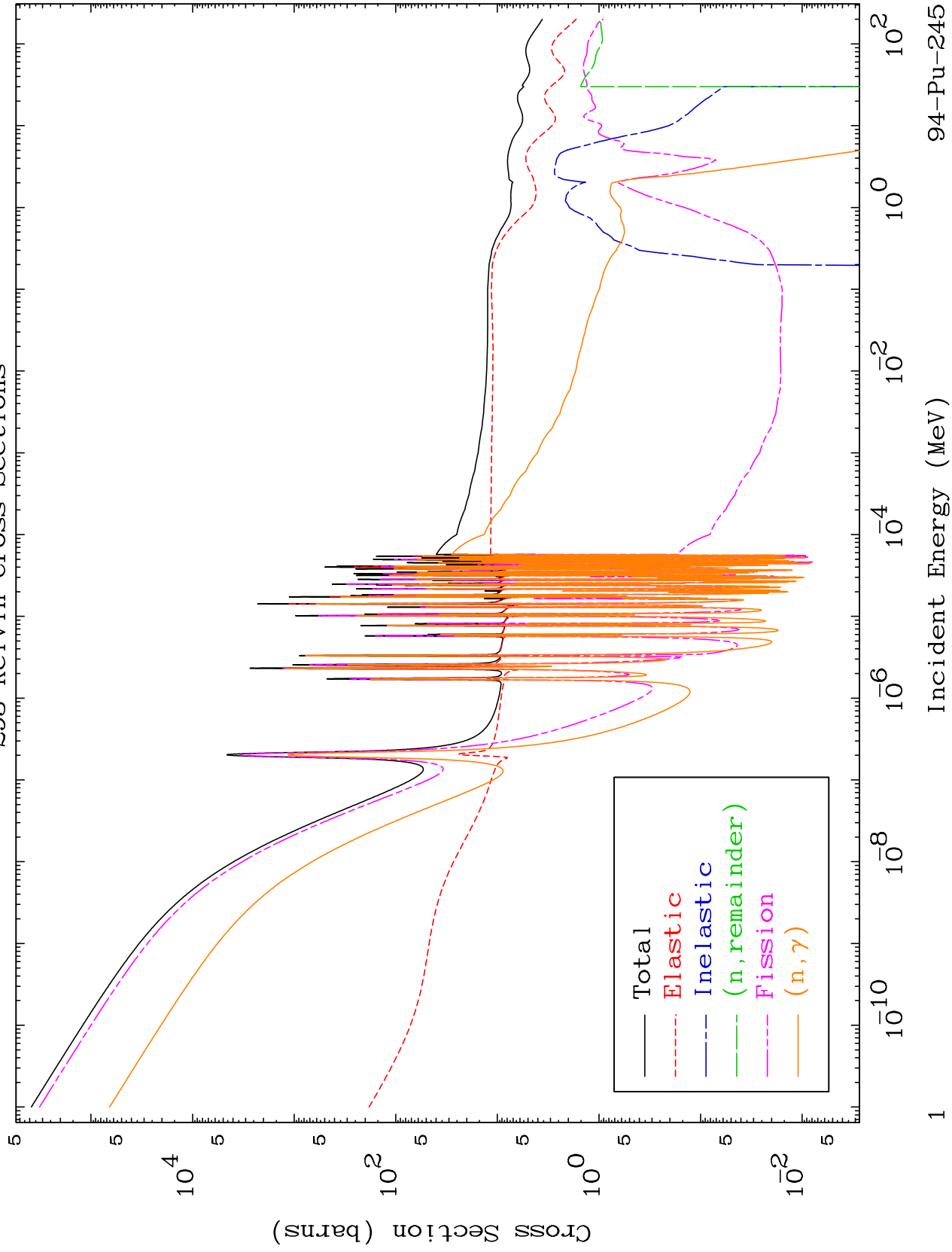
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9455

Major  
293 Kelvin Cross Sections

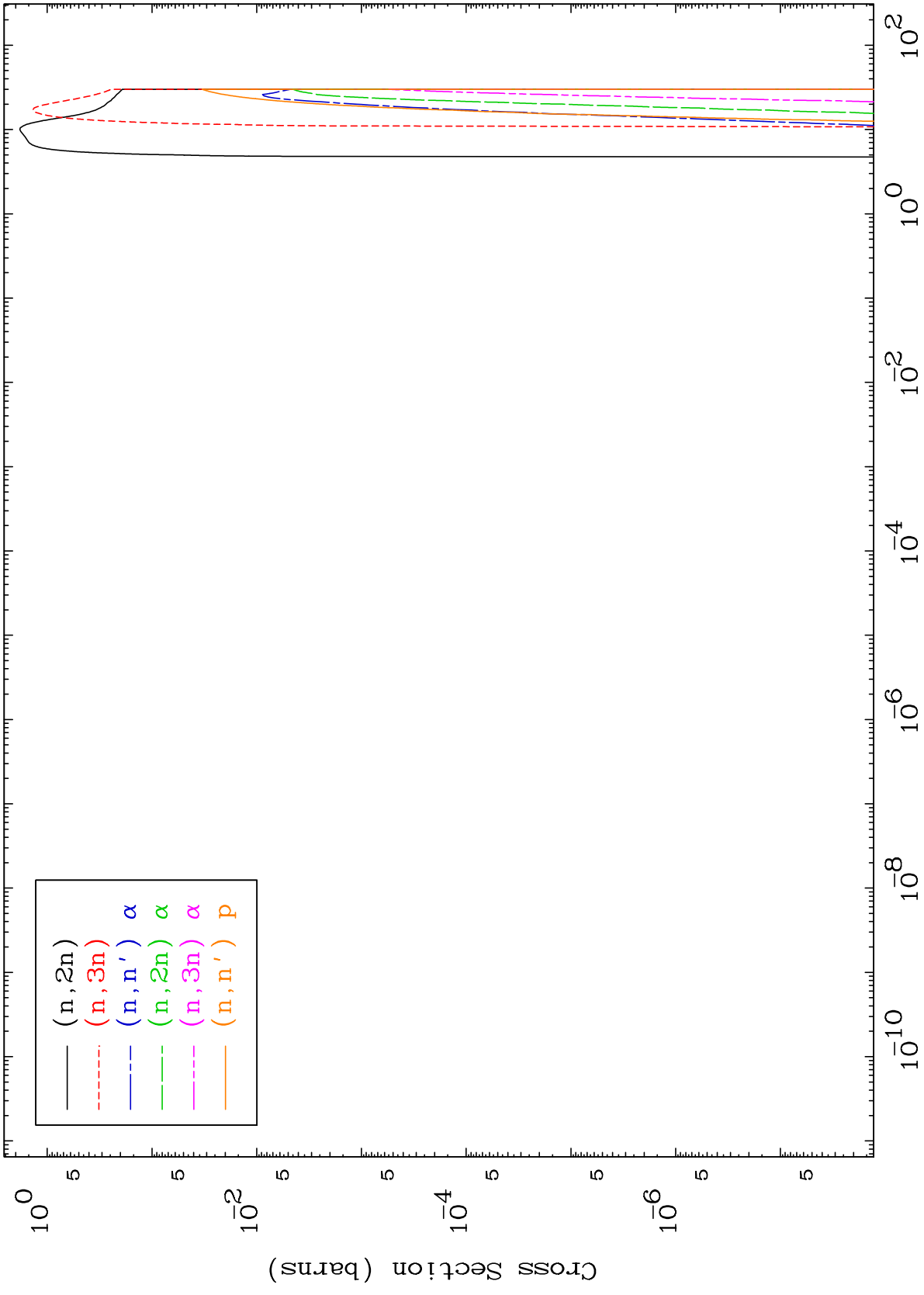
94-Pu-245



MAT 9455

Neutron Production  
293 Kelvin Cross Sections

94-Pu-245

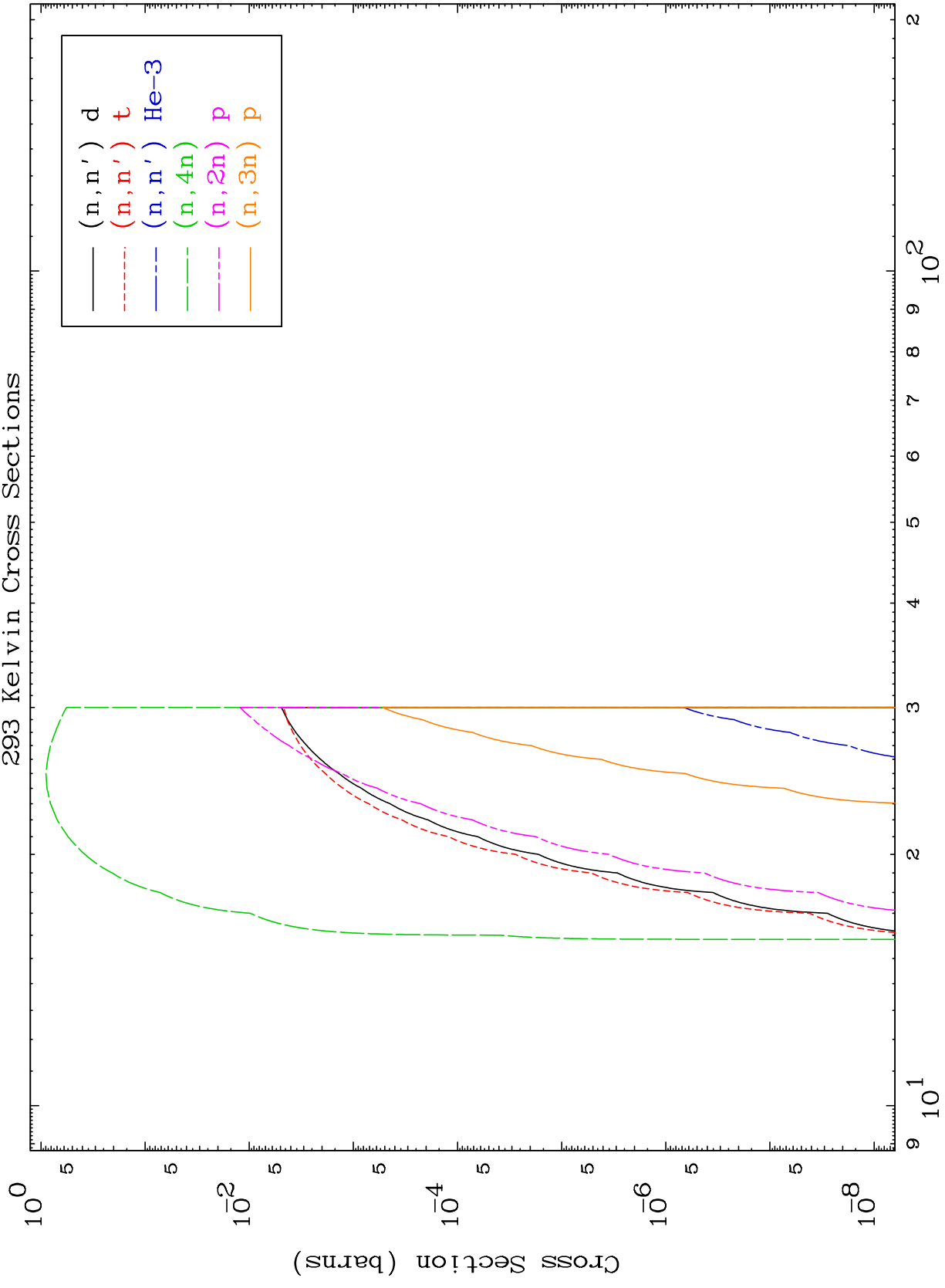


94-Pu-245

MAT 9455

Neutron Production  
293 Kelvin Cross Sections

94-Pu-245



94-Pu-245

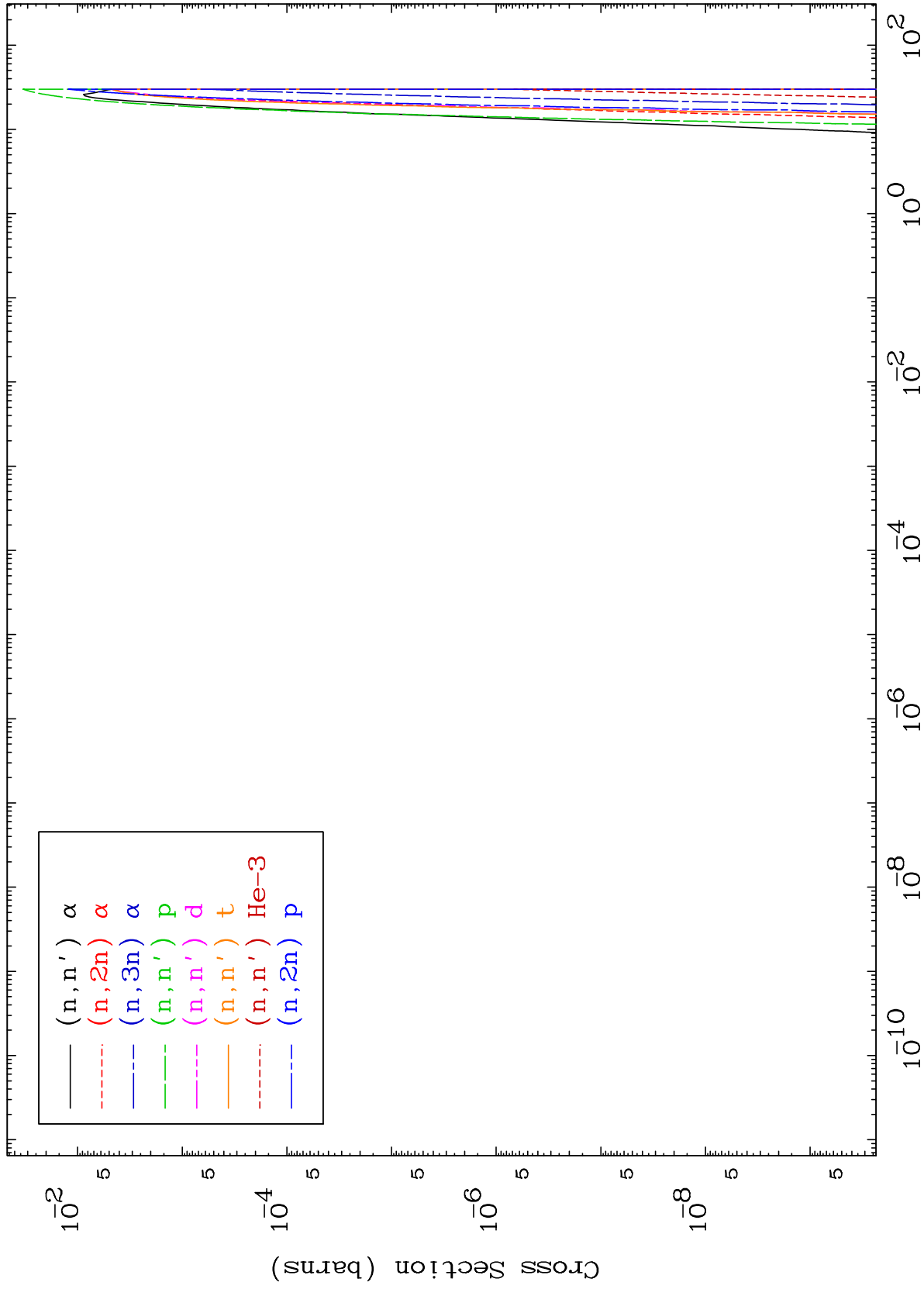
Incident Energy (MeV)

3

MAT 9455

Charged Particle  
293 Kelvin Cross Sections

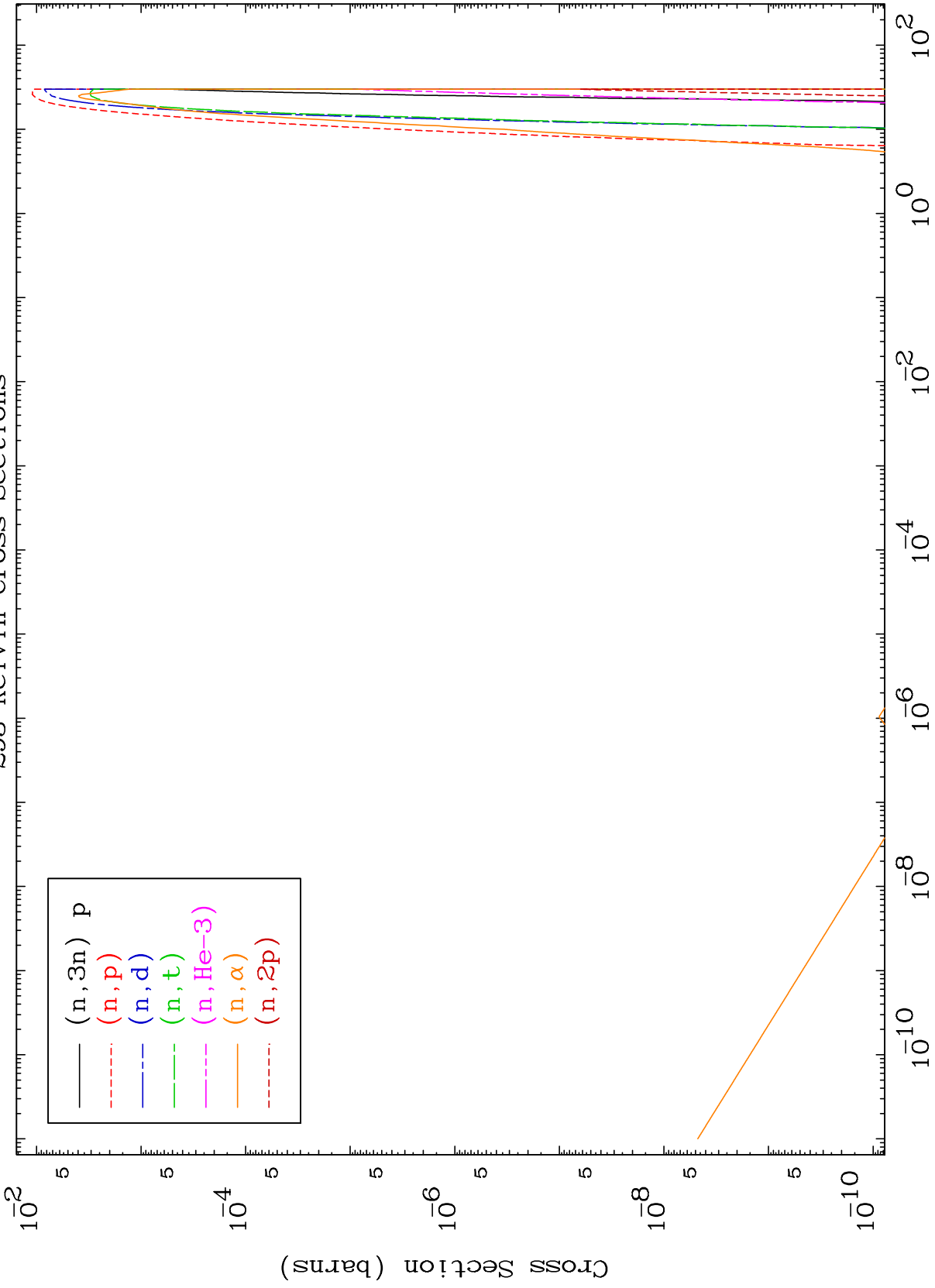
94-Pu-245



MAT 9455

293 Kelvin Cross Sections

94-Pu-245



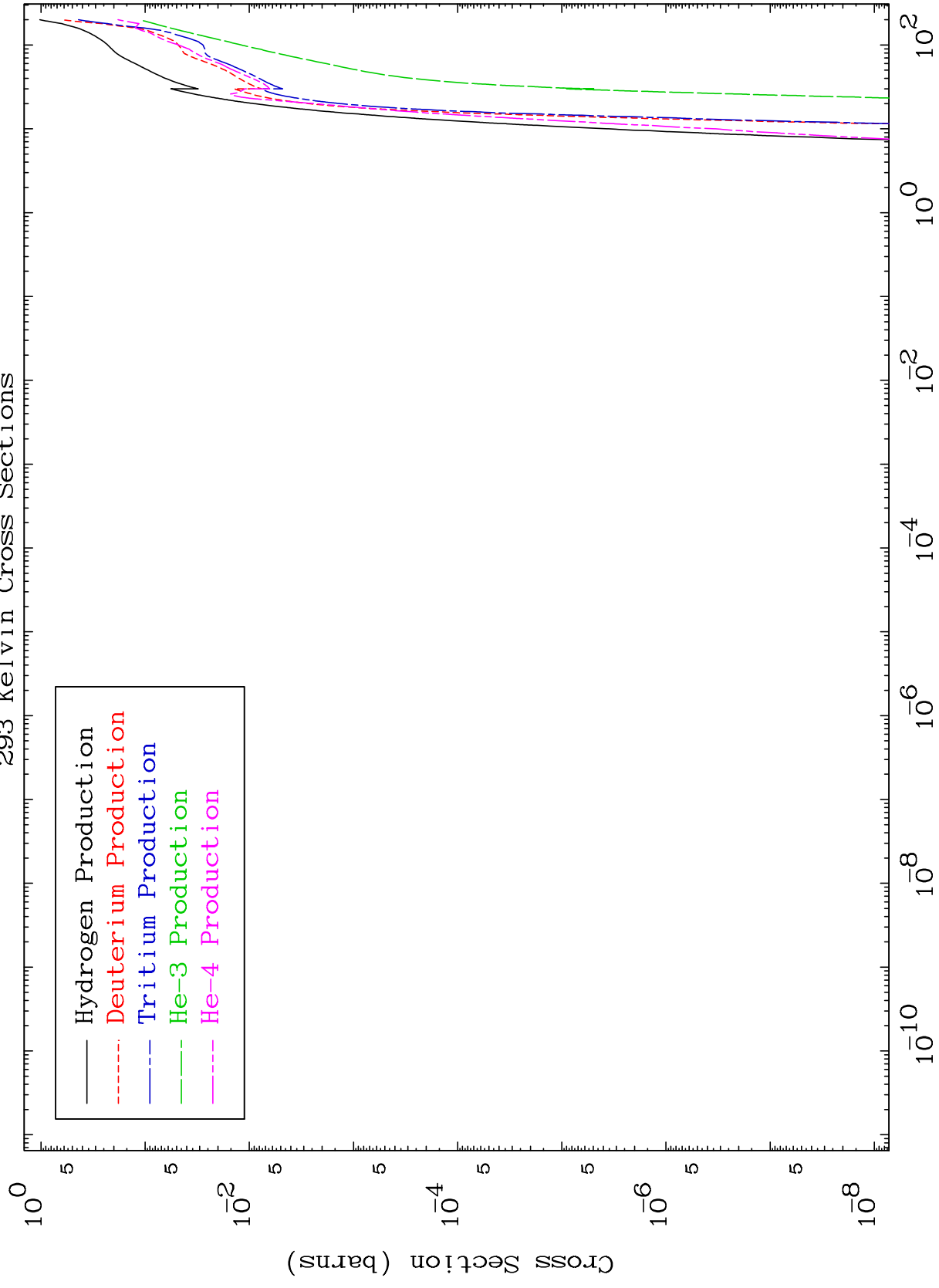
5

94-Pu-245

MAT 9455

Particle Production  
293 Kelvin Cross Sections

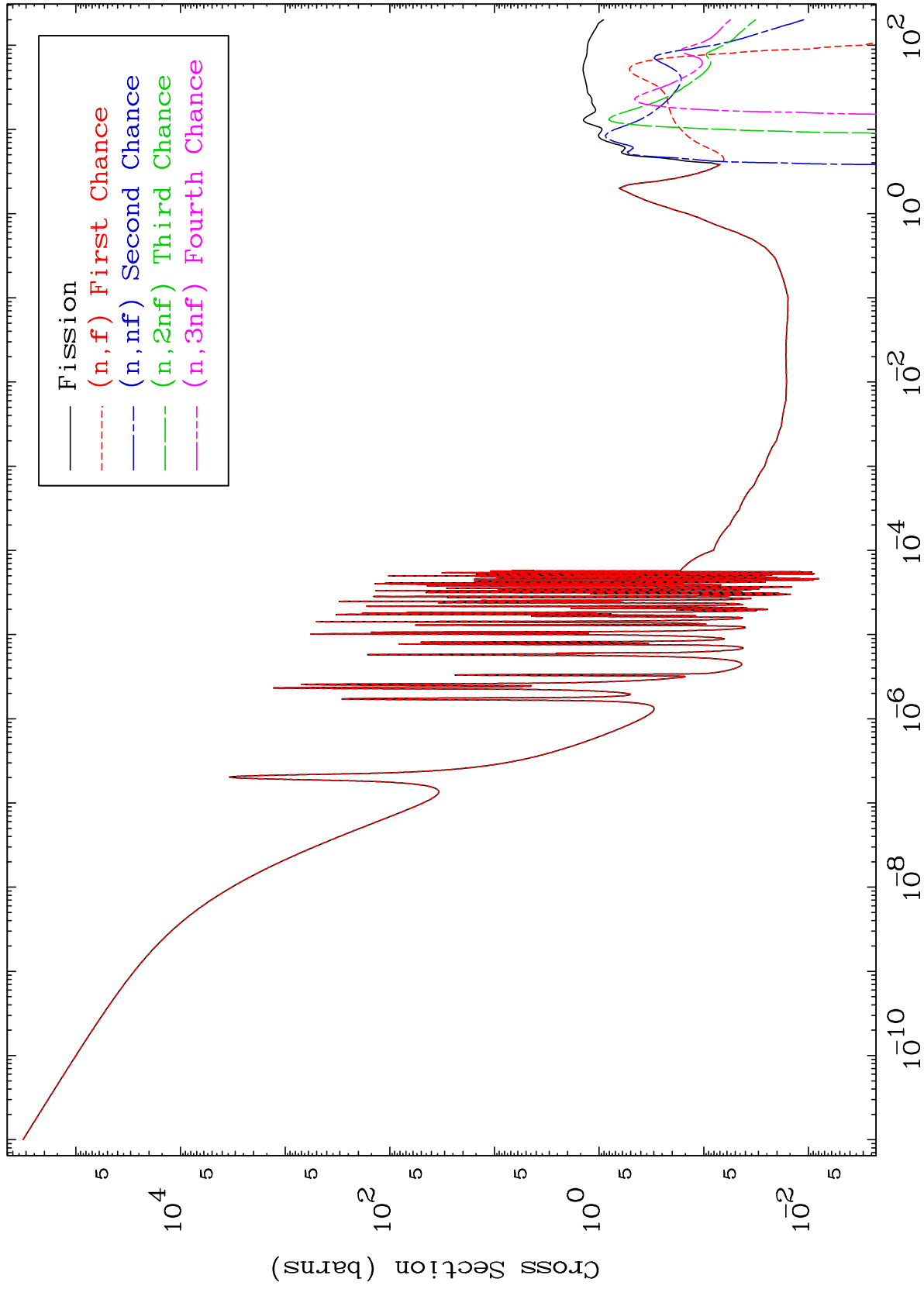
94-Pu-245



MAT 9455

Fission  
293 Kelvin Cross Sections

94-Pu-245



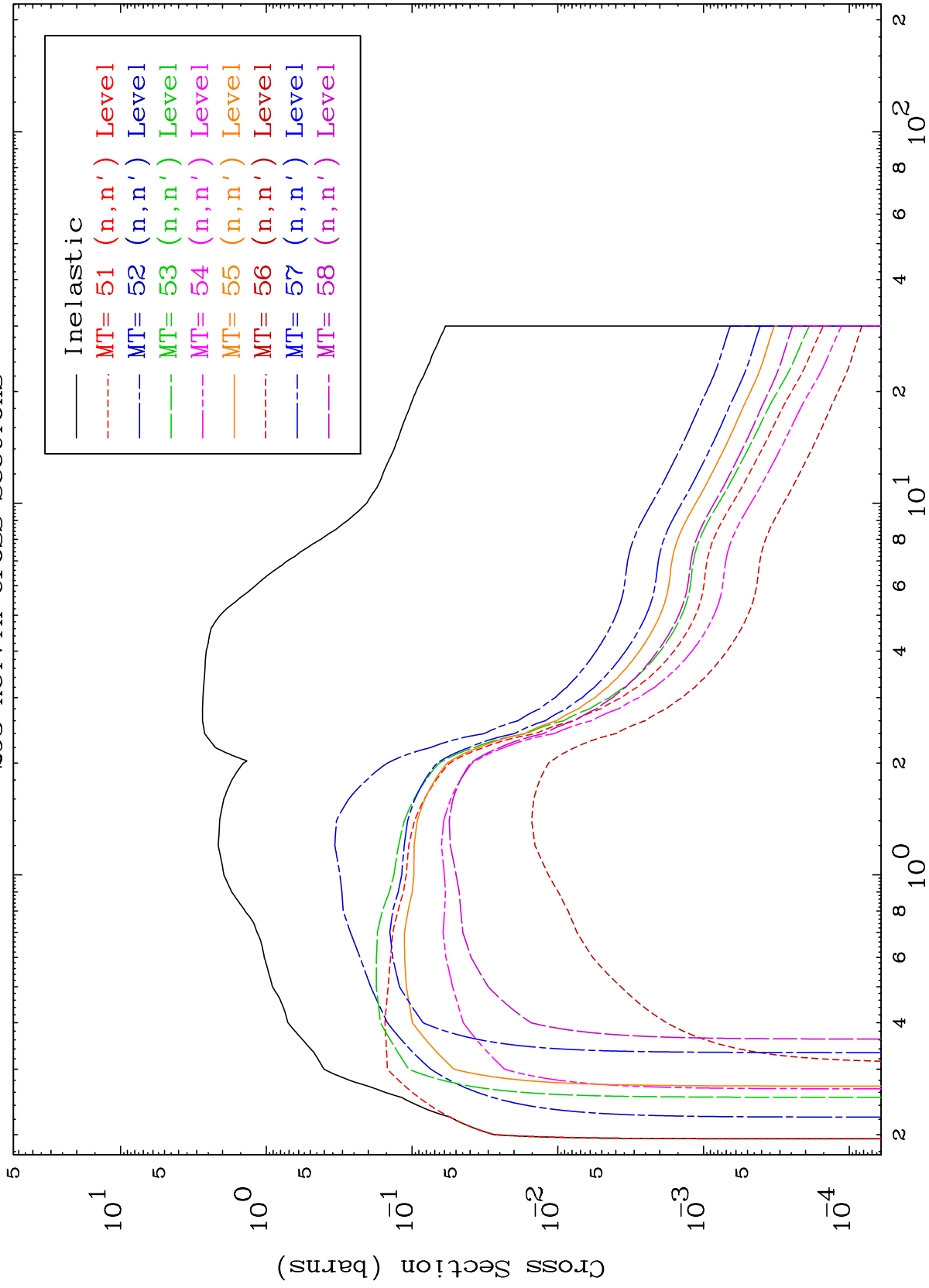


MAT 9455

(n,n') Level

94-Pu-245

293 Kelvin Cross Sections



8

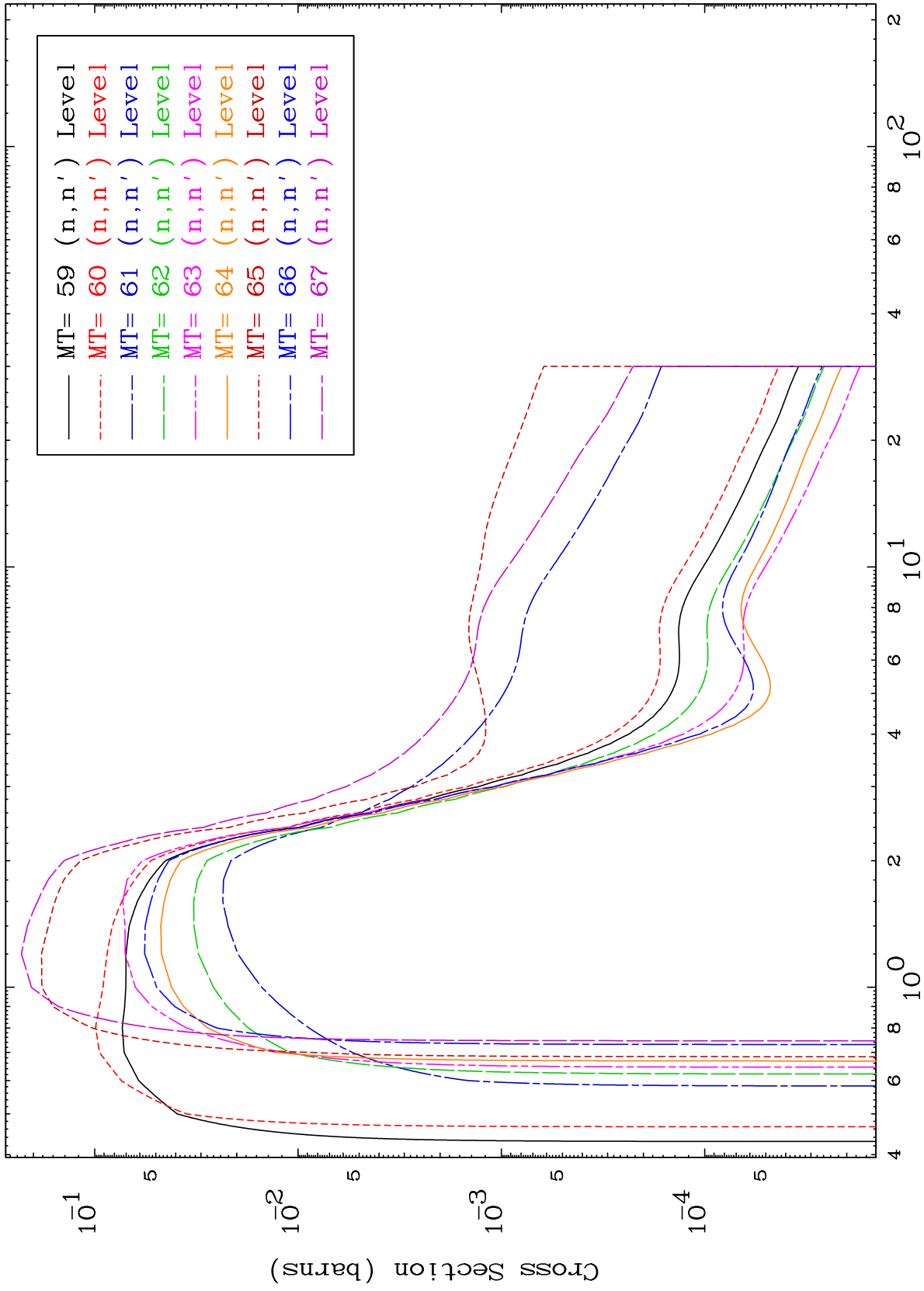
Incident Energy (MeV)

94-Pu-245

MAT 9455

(n,n') Level  
293 Kelvin Cross Sections

94-Pu-245



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Incident Energy (MeV)

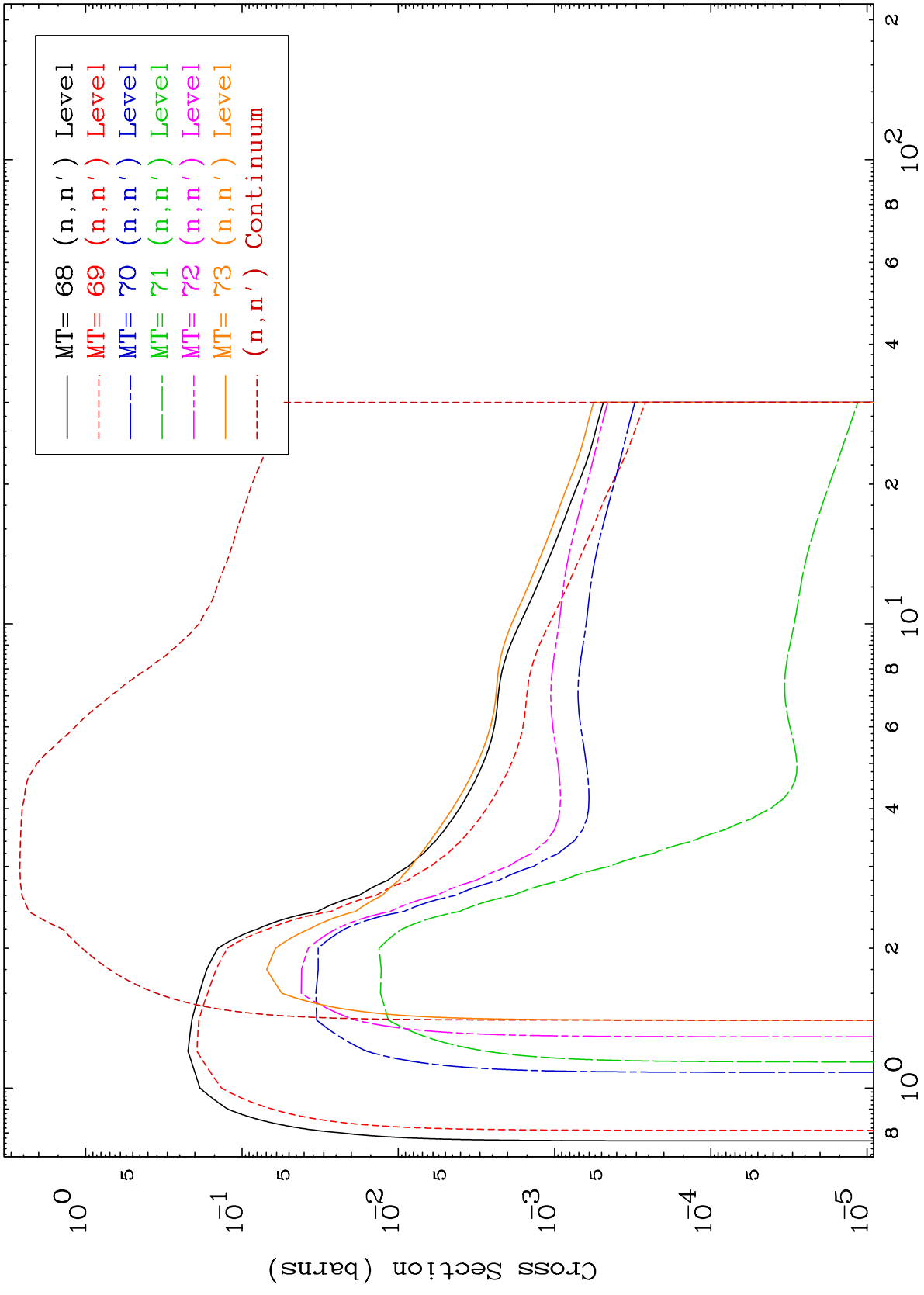
94-Pu-245

MAT 9455

(n,n') Level

94-Pu-245

293 Kelvin Cross Sections



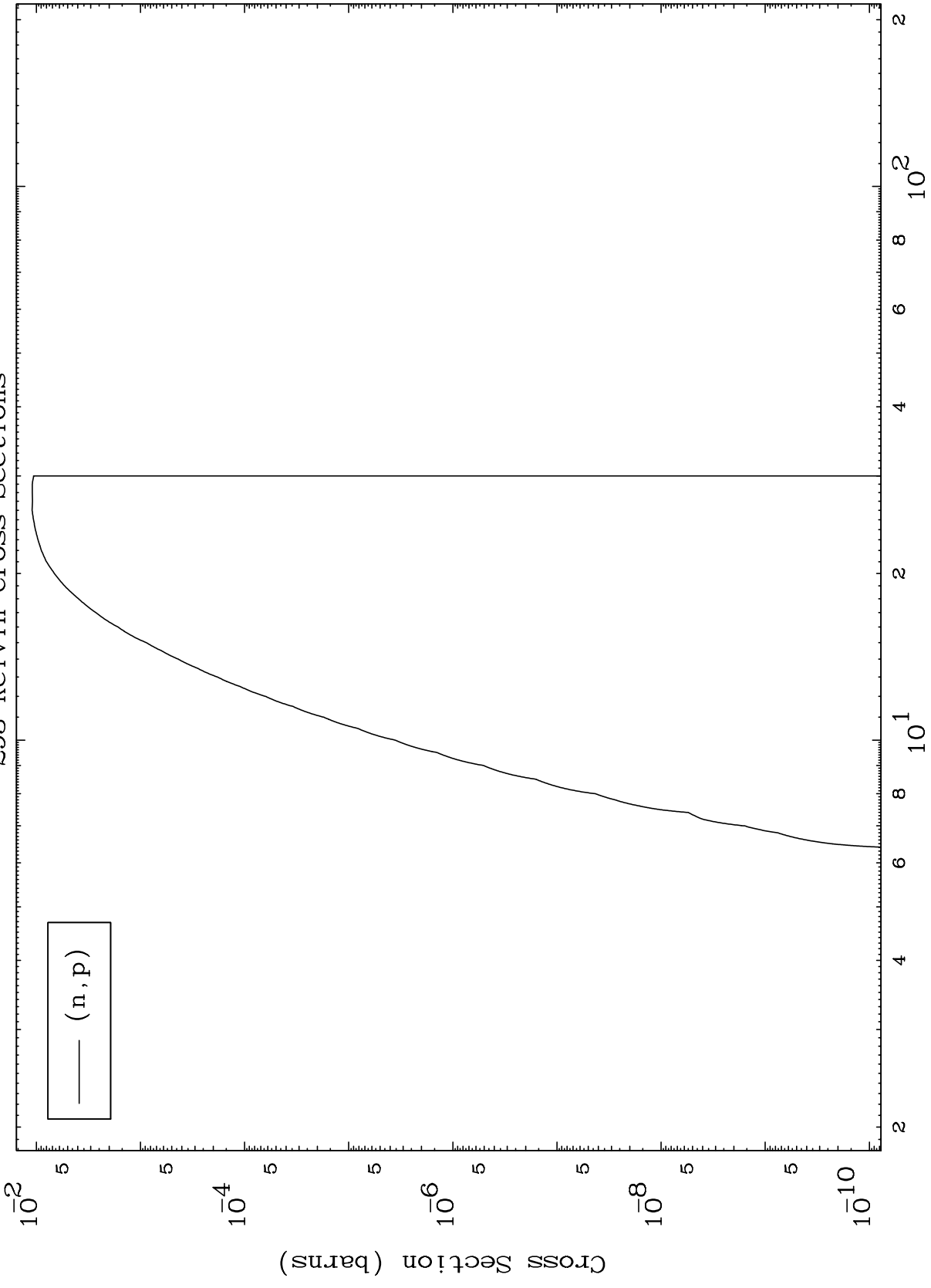
Incident Energy (MeV)

94-Pu-245

MAT 9455

(n,p) Levels  
293 Kelvin Cross Sections

94-Pu-245



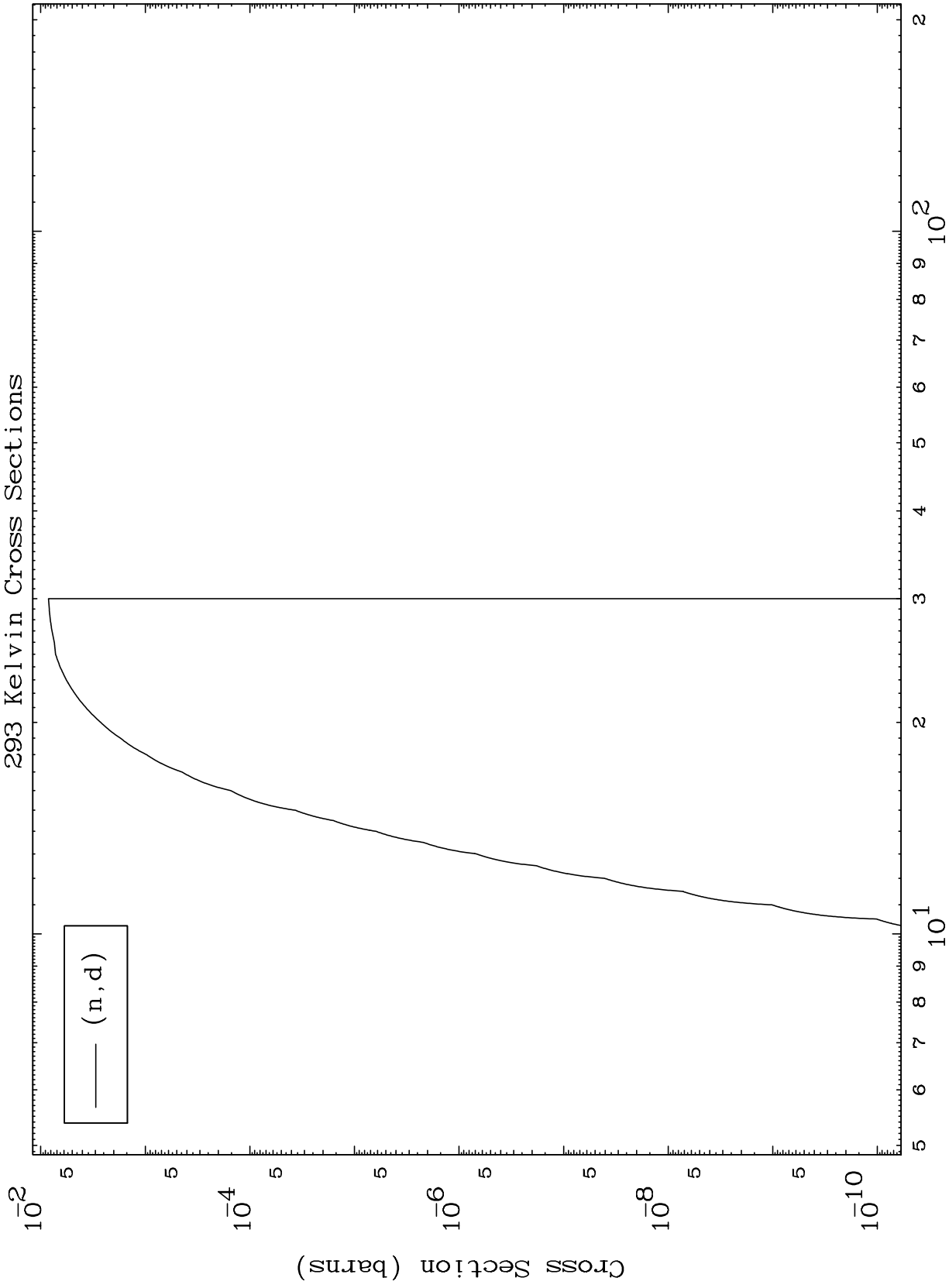
11

94-Pu-245

MAT 9455

(n,d) Levels  
293 Kelvin Cross Sections

94-Pu-245



12

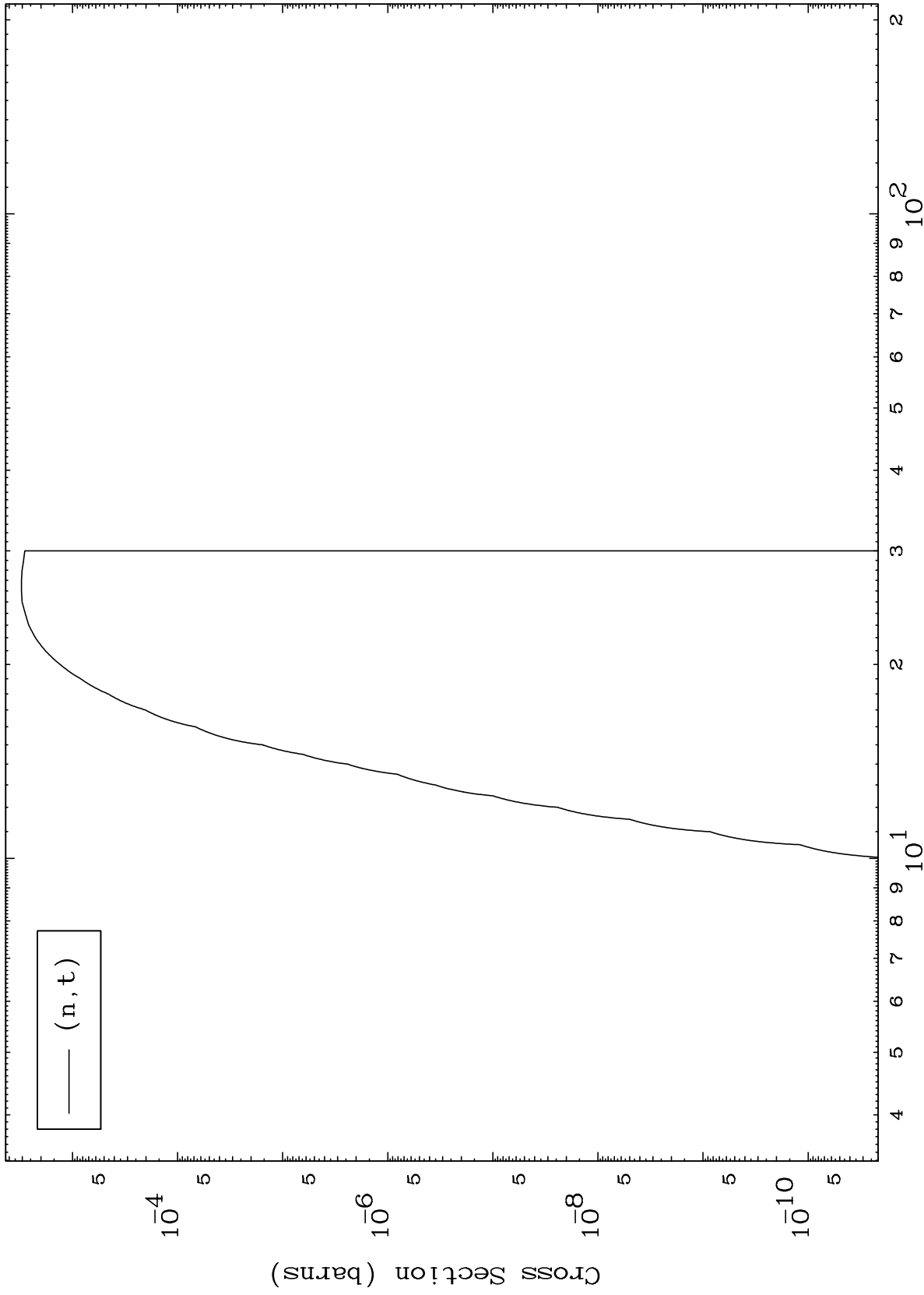
Incident Energy (MeV)

94-Pu-245

MAT 9455

(n,t) Levels  
293 Kelvin Cross Sections

94-Pu-245



13

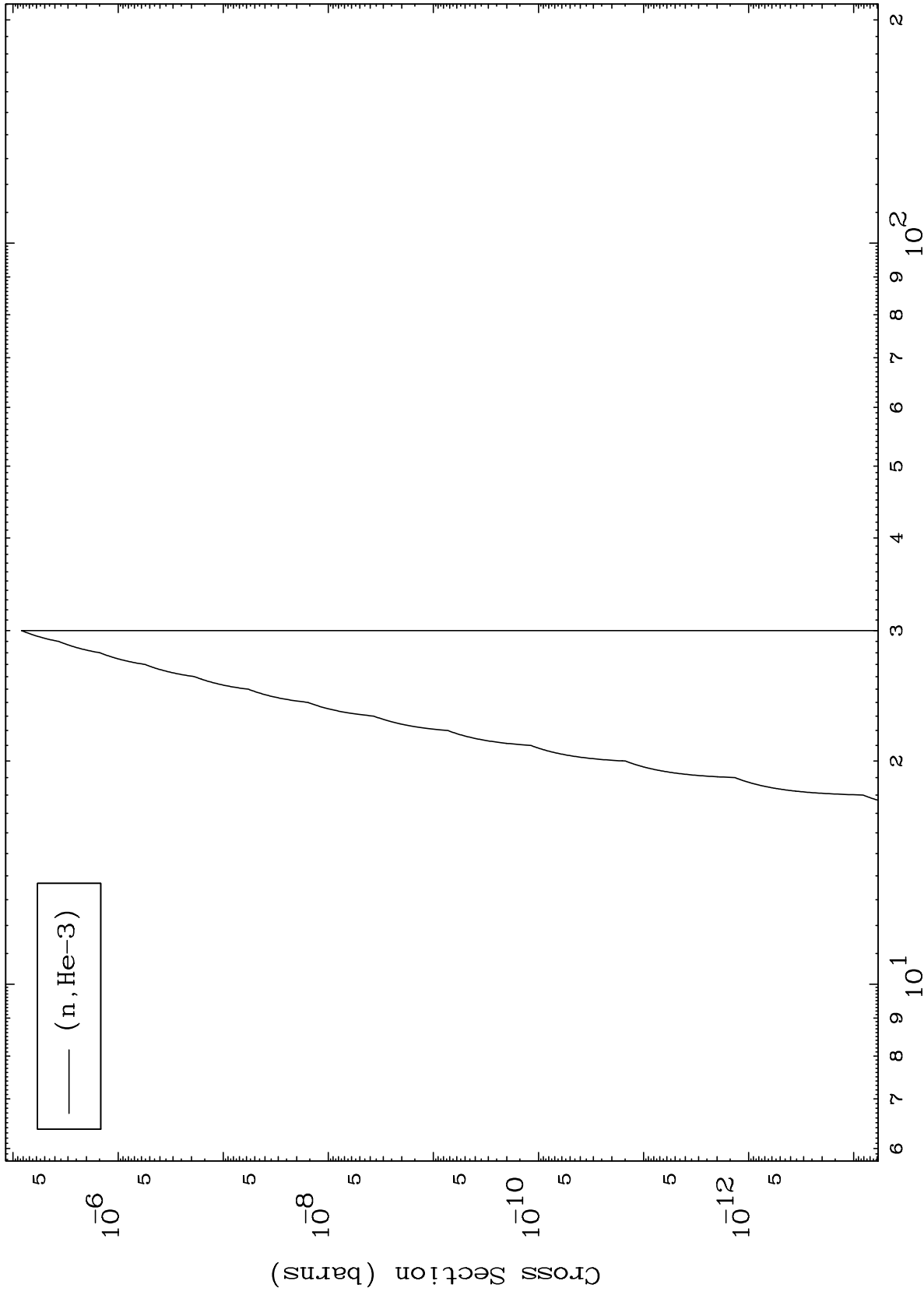
Incident Energy (MeV)

94-Pu-245

MAT 9455

(n,He3) Levels  
293 Kelvin Cross Sections

94-Pu-245



14

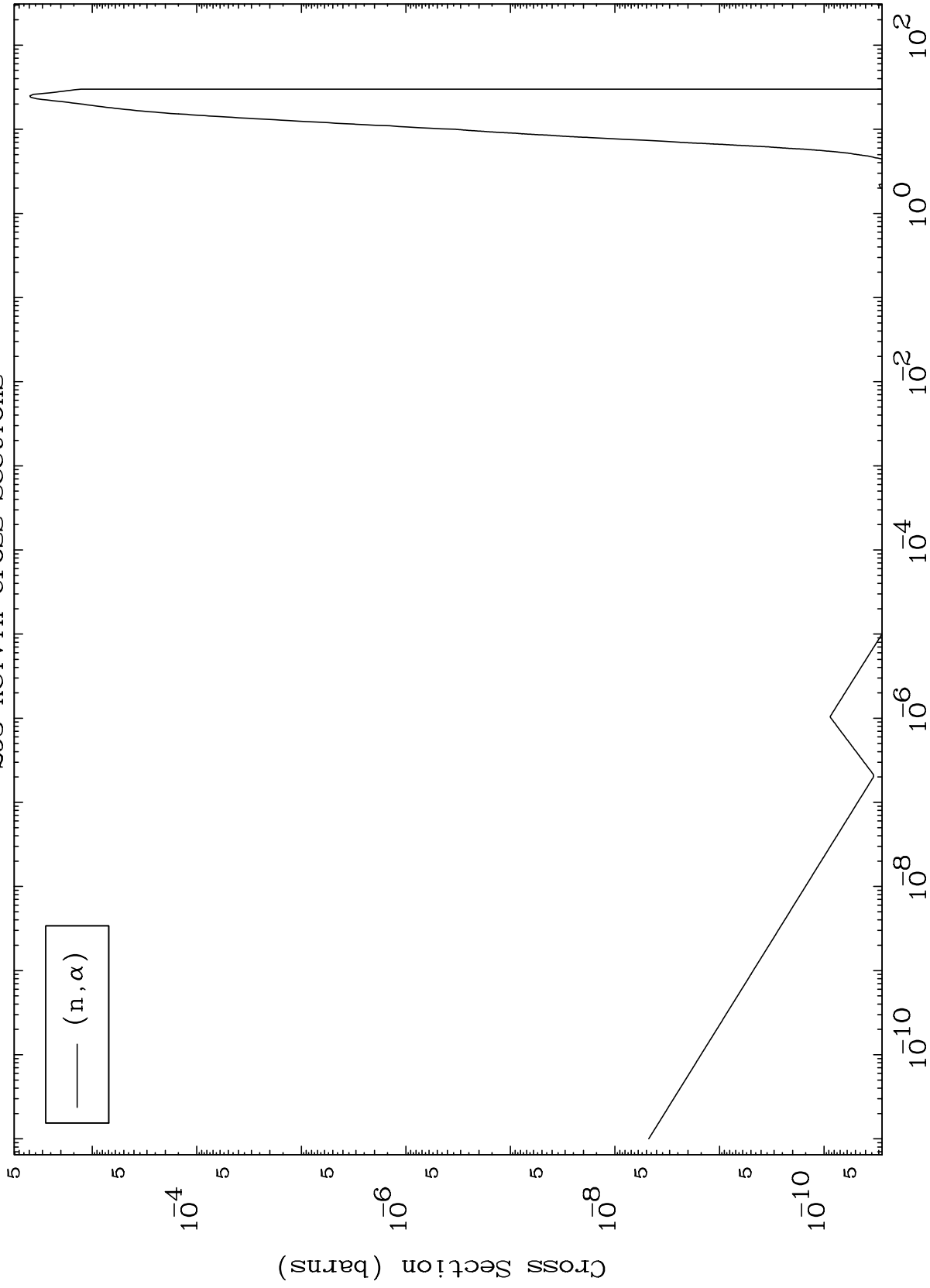
Incident Energy (MeV)

94-Pu-245

MAT 9455

(n,α) Levels  
293 Kelvin Cross Sections

94-Pu-245

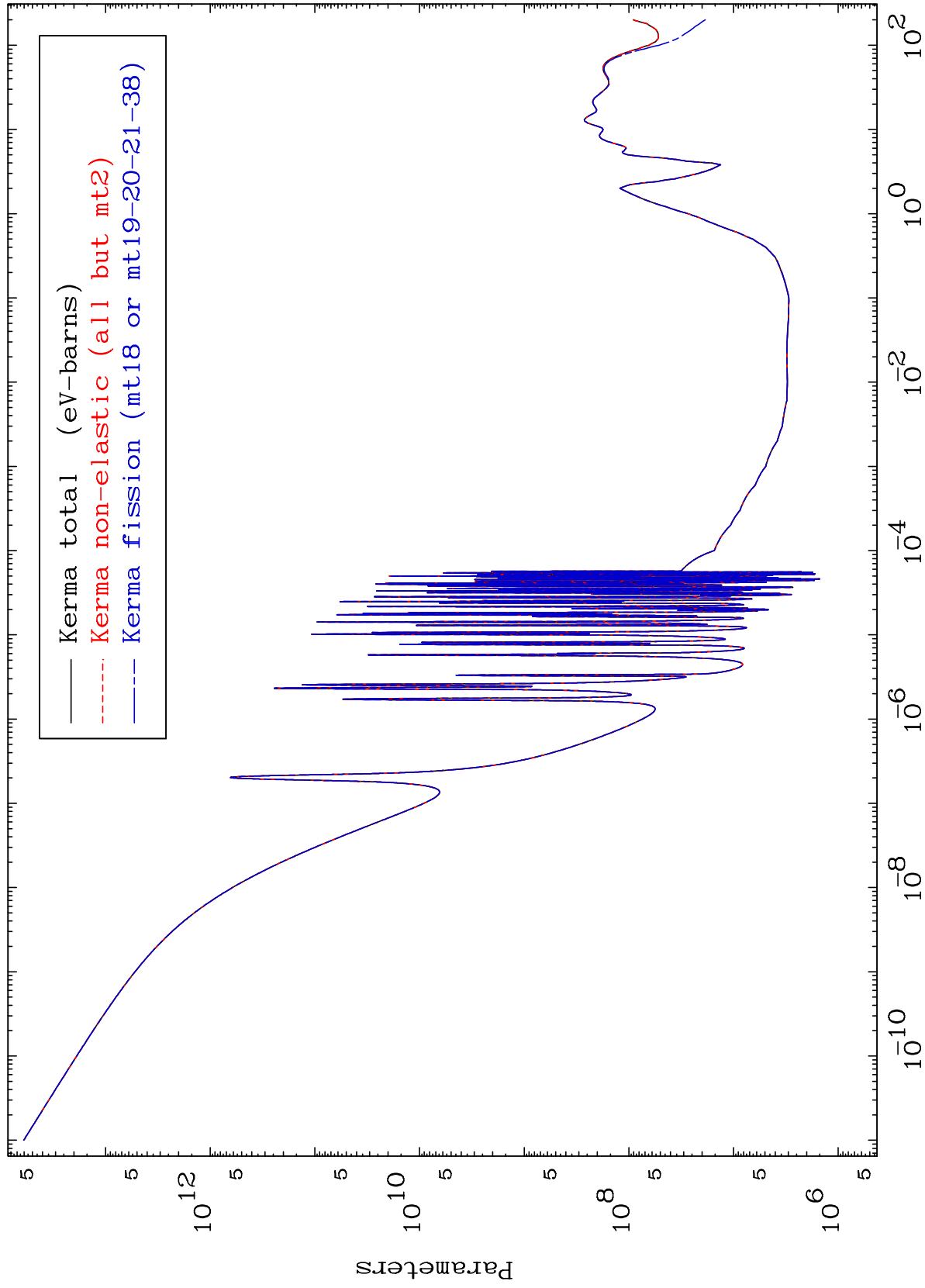


15

Incident Energy (MeV)

94-Pu-245

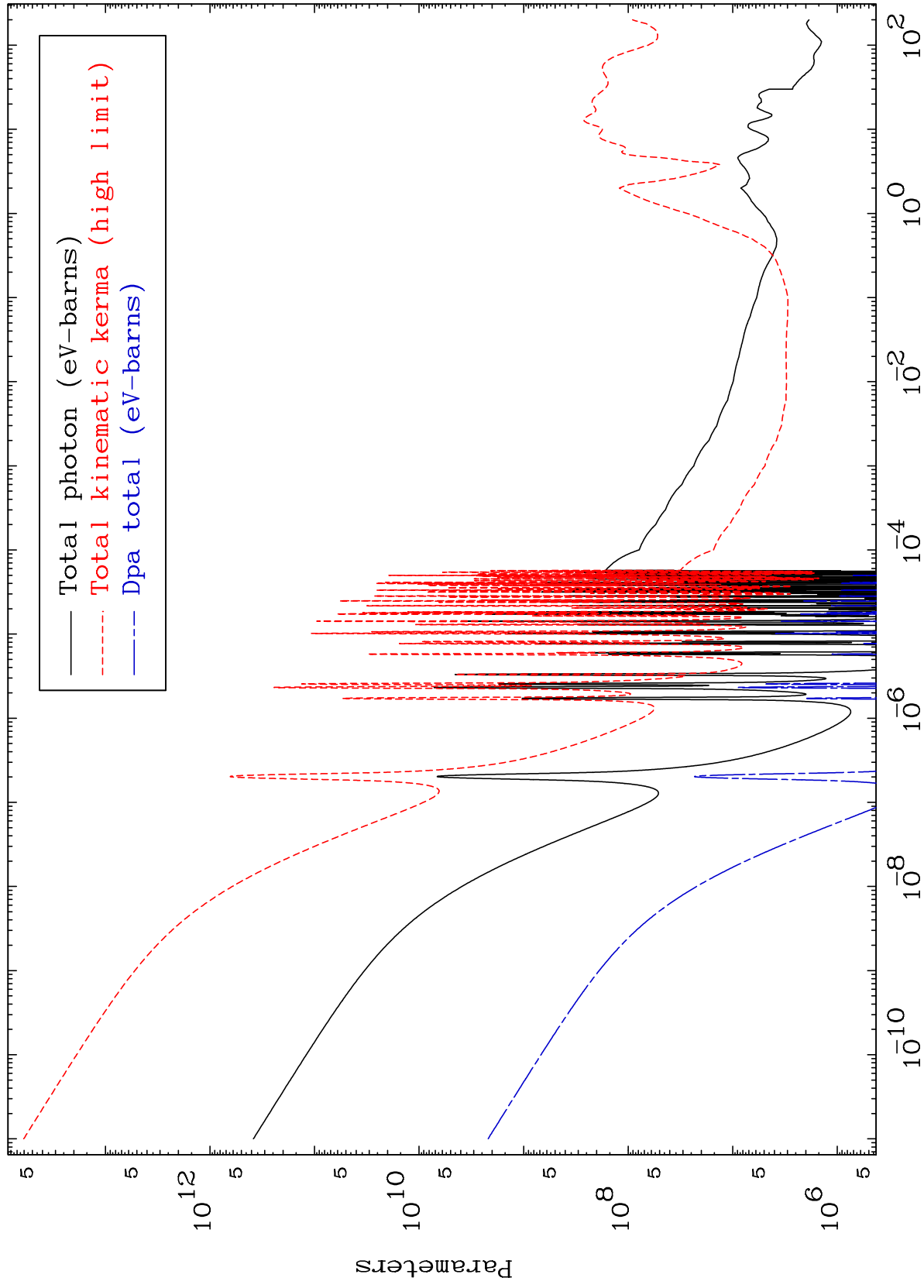




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Energy Release  
Parameters

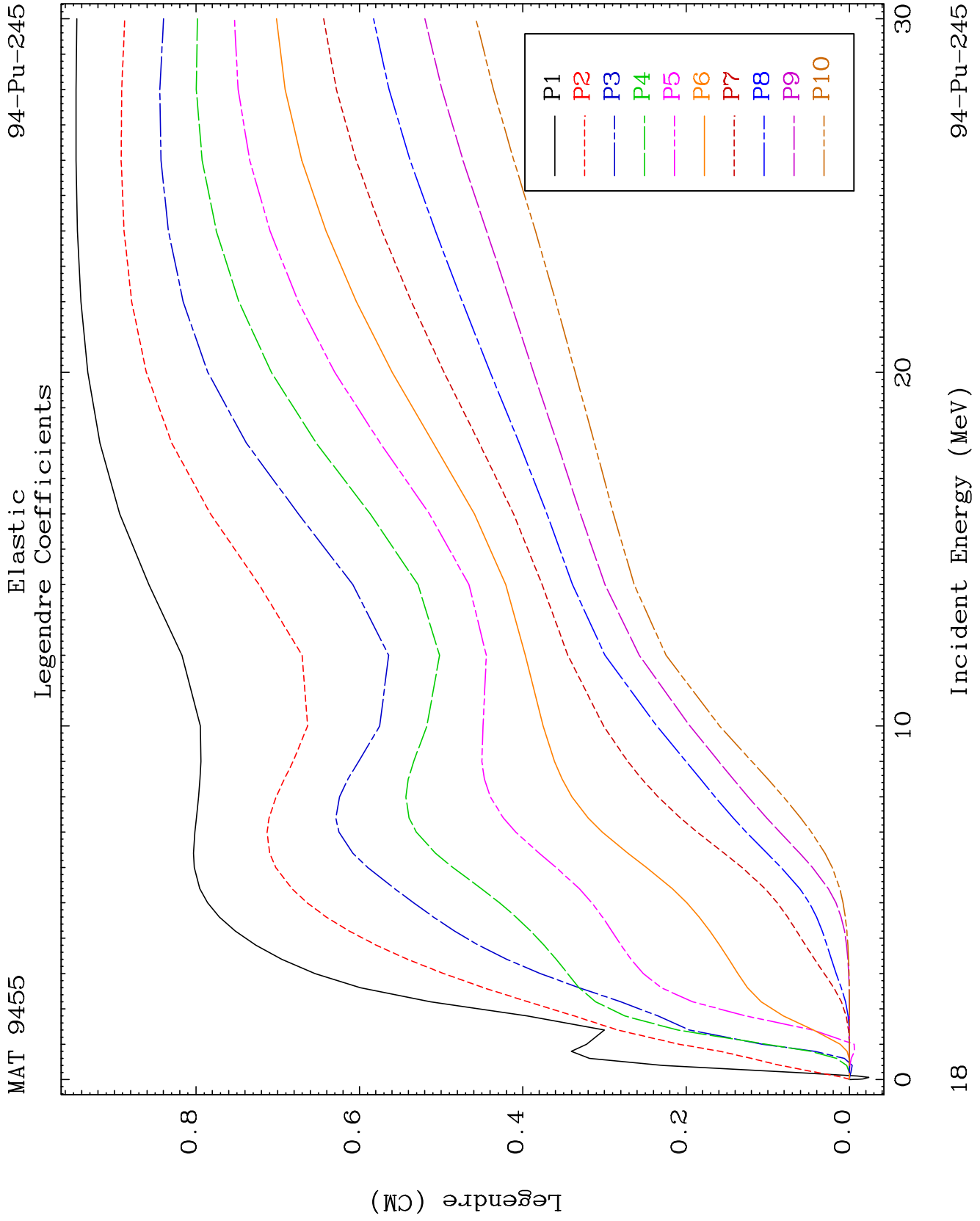
94-Pu-245

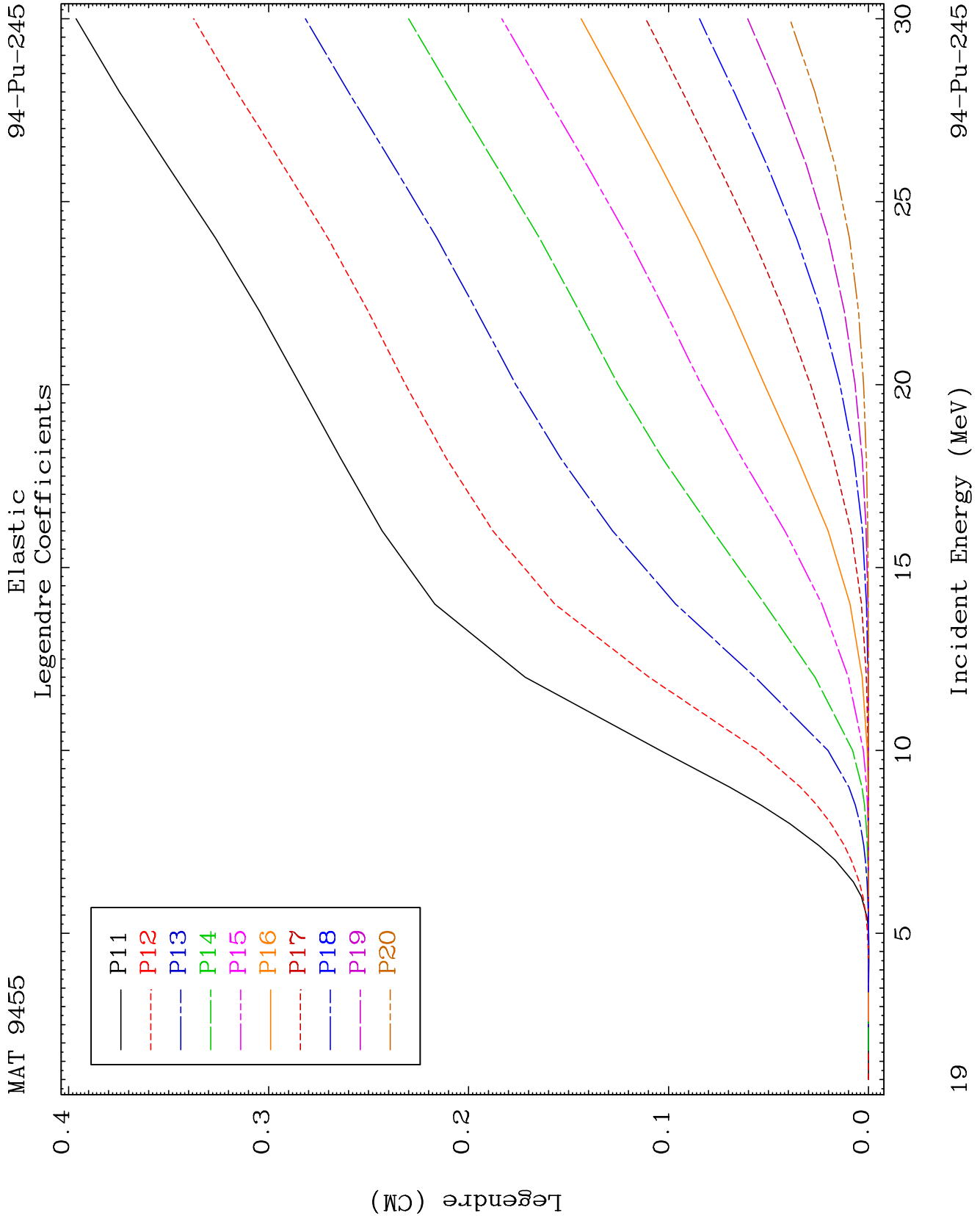


17

Incident Energy (MeV)

94-Pu-245

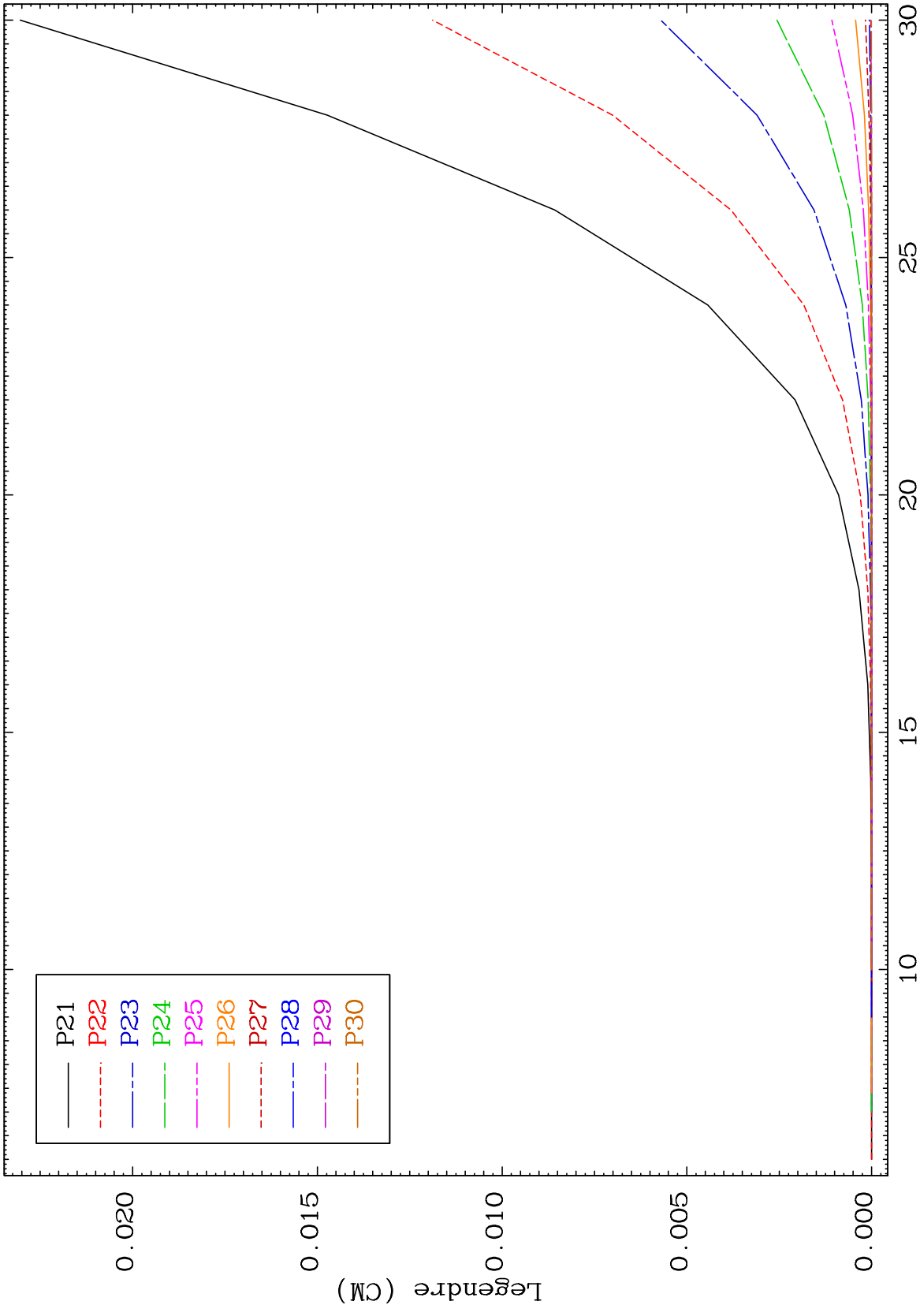




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Elastic  
Legendre Coefficients

94-Pu-245



20

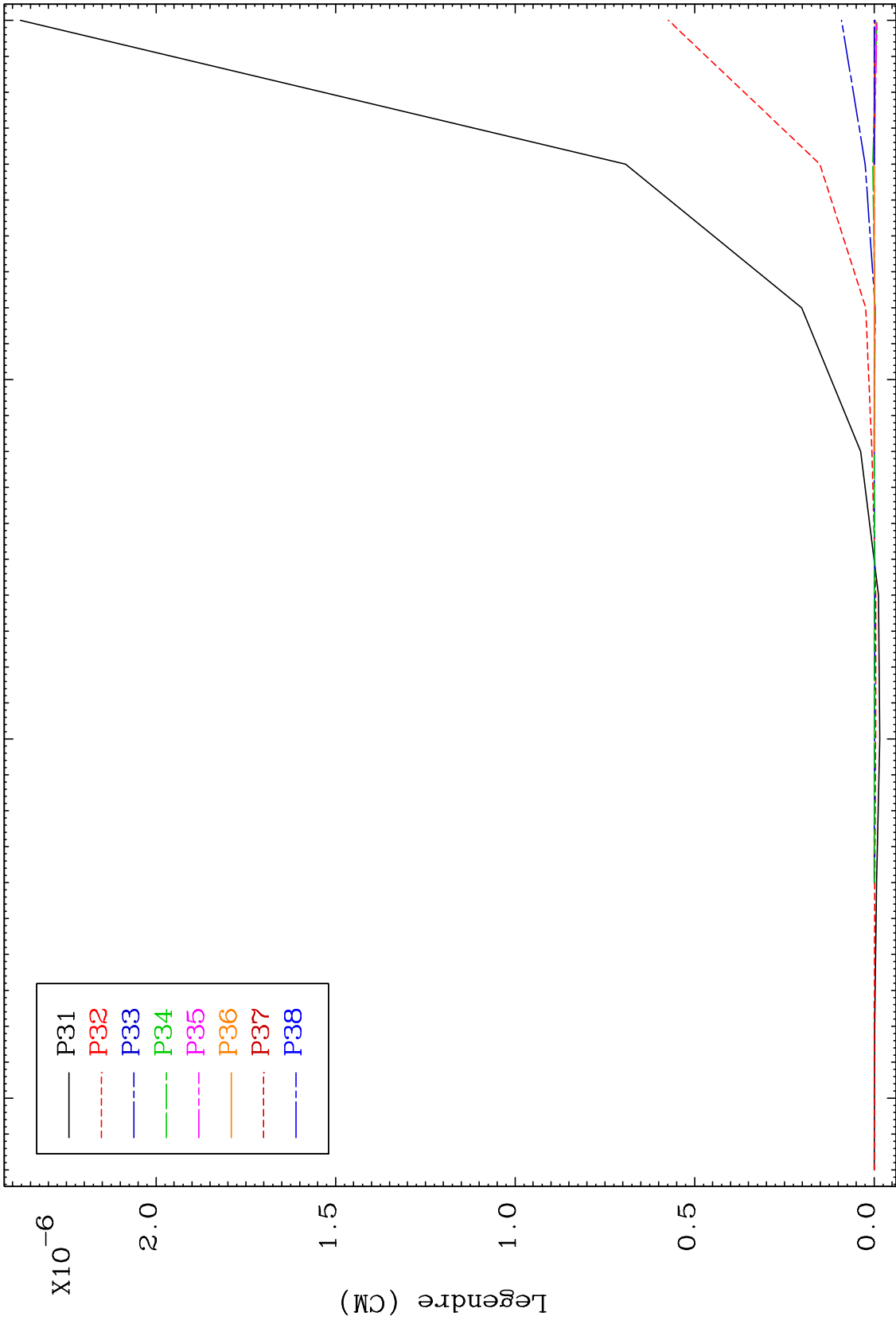
Incident Energy (MeV)

94-Pu-245

MAT 9455

Elastic Legendre Coefficients

94-Pu-245



21

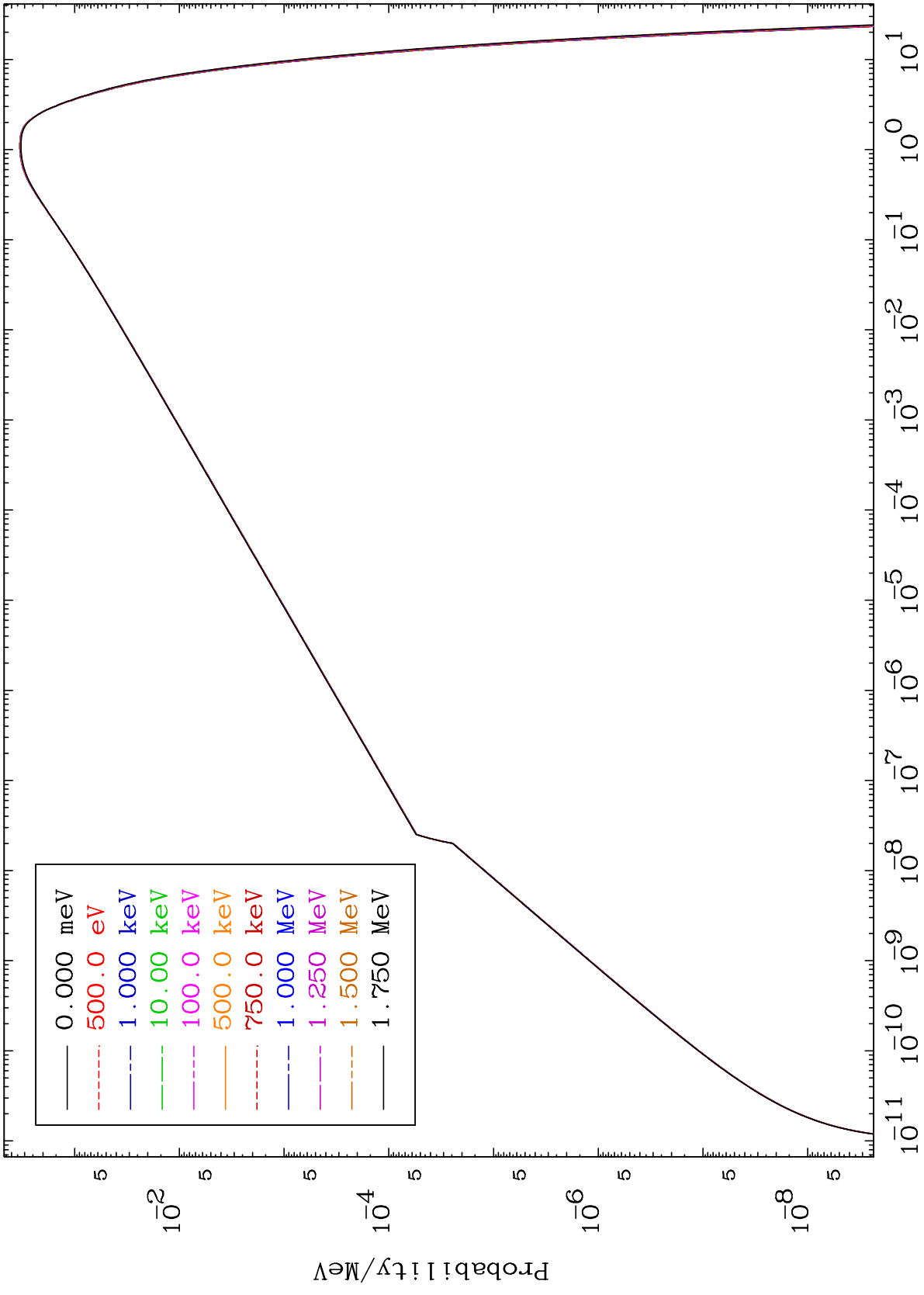
Incident Energy (MeV)

94-Pu-245

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### Fission Energy Distribution

94-Pu-245

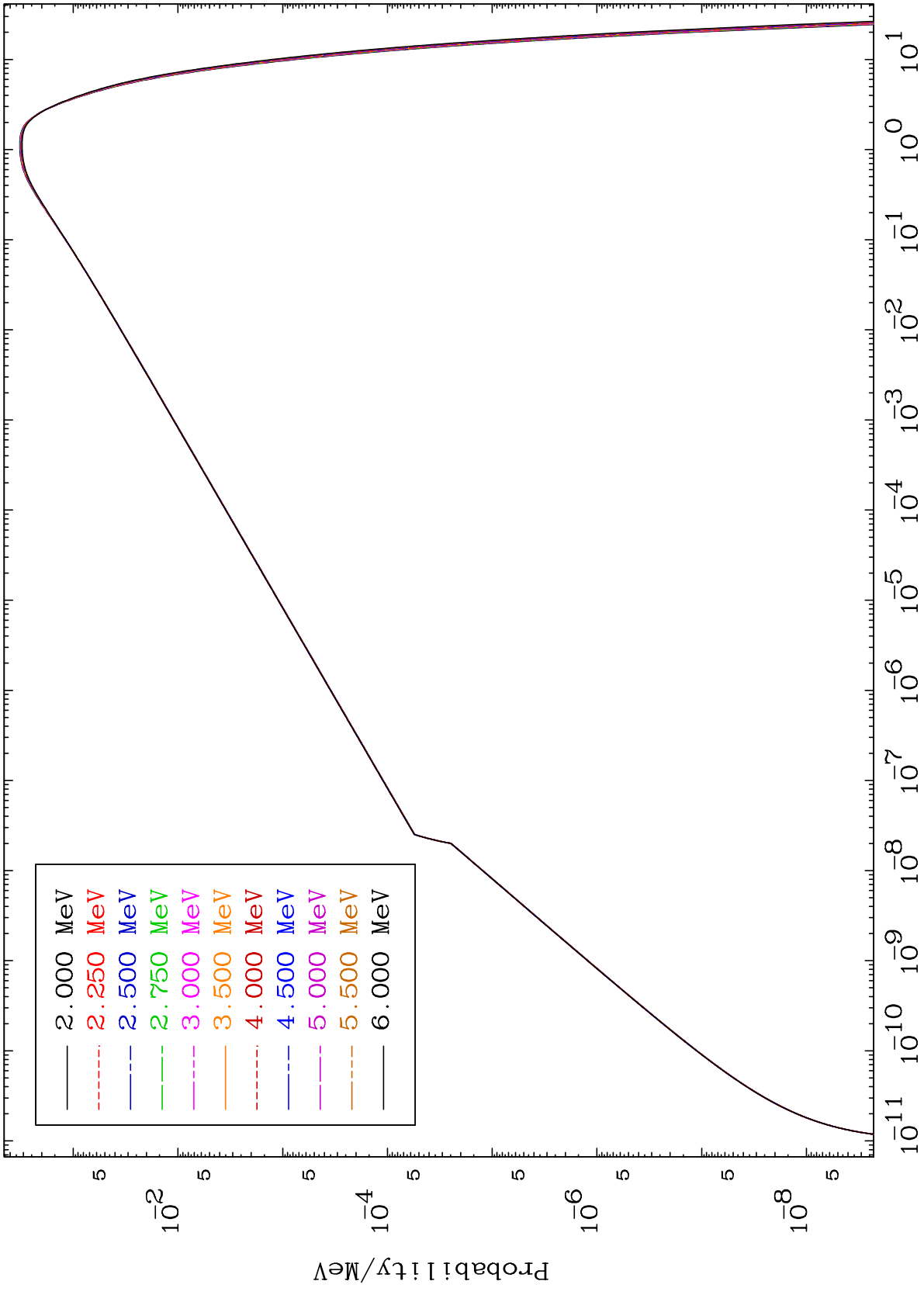


94-Pu-245

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# Fission Energy Distribution

94-Pu-245



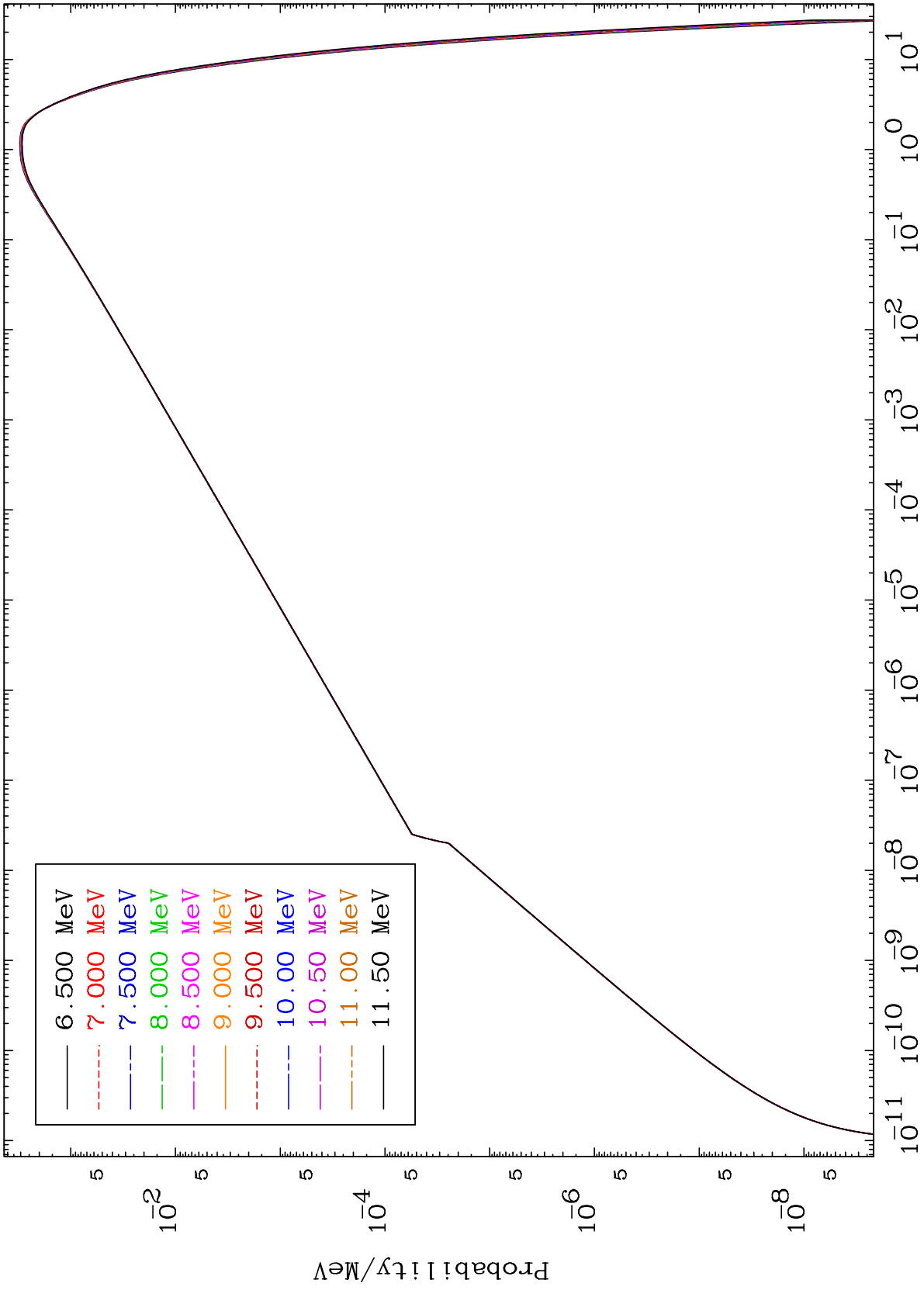
94-Pu-245



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# Fission Energy Distribution

94-Pu-245



24

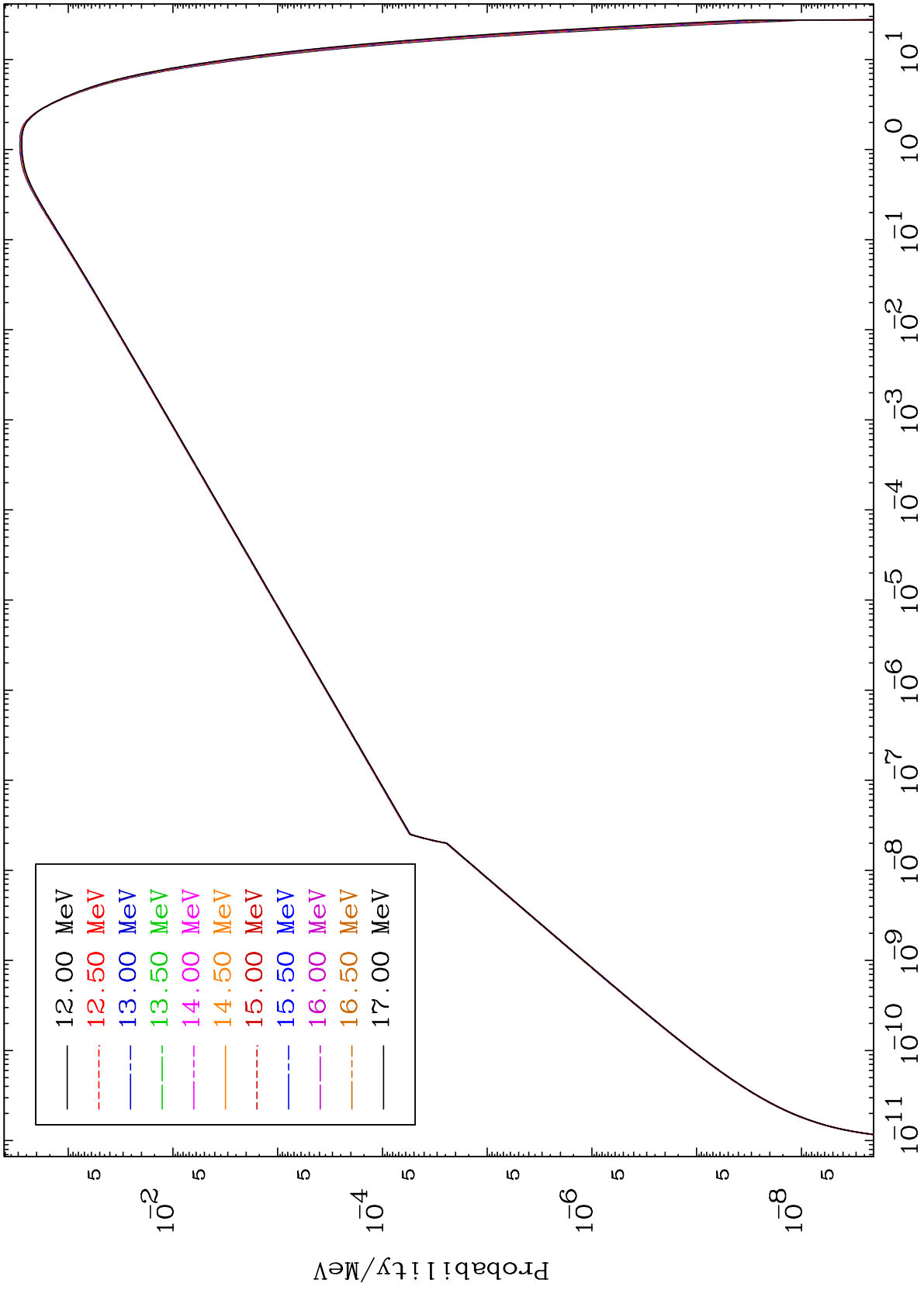
Secondary Energy (MeV)

94-Pu-245

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# Fission Energy Distribution

94-Pu-245

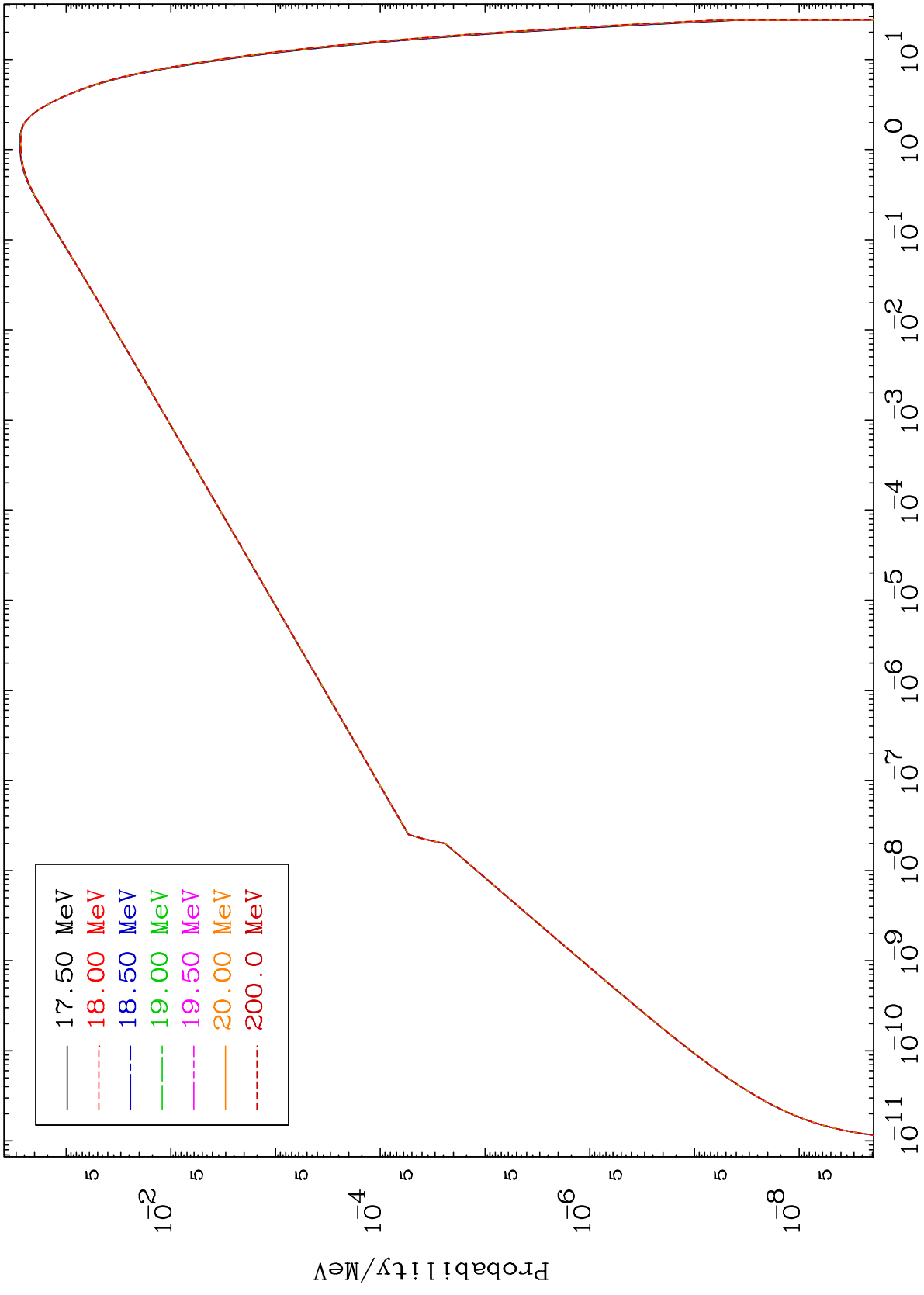


94-Pu-245

MAT 9455

### Fission Energy Distribution

94-Pu-245



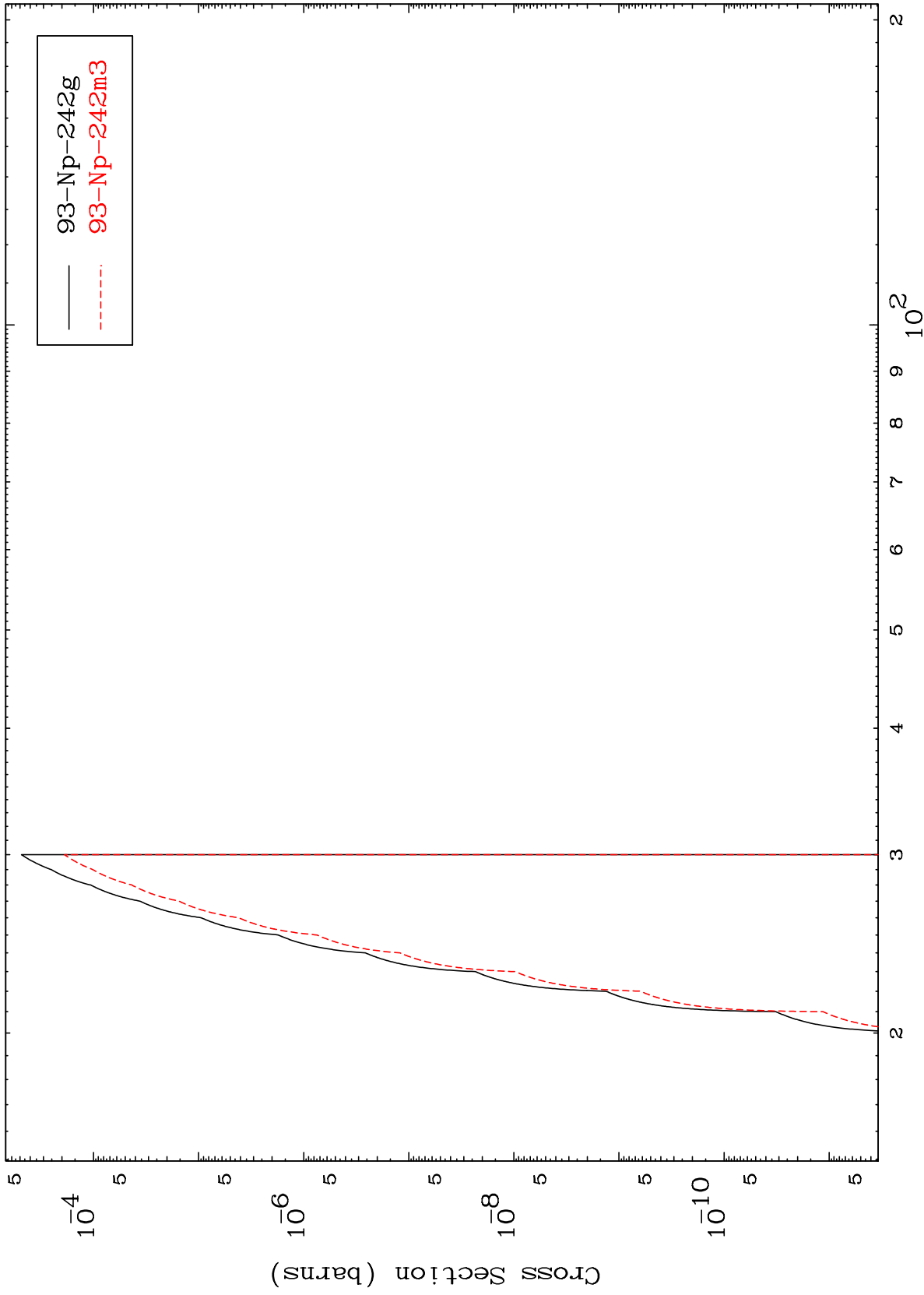
—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

MAT 9455

(n,2n) d

94-Pu-245

Radionuclide Production Cross Section



27

Incident Energy (MeV)

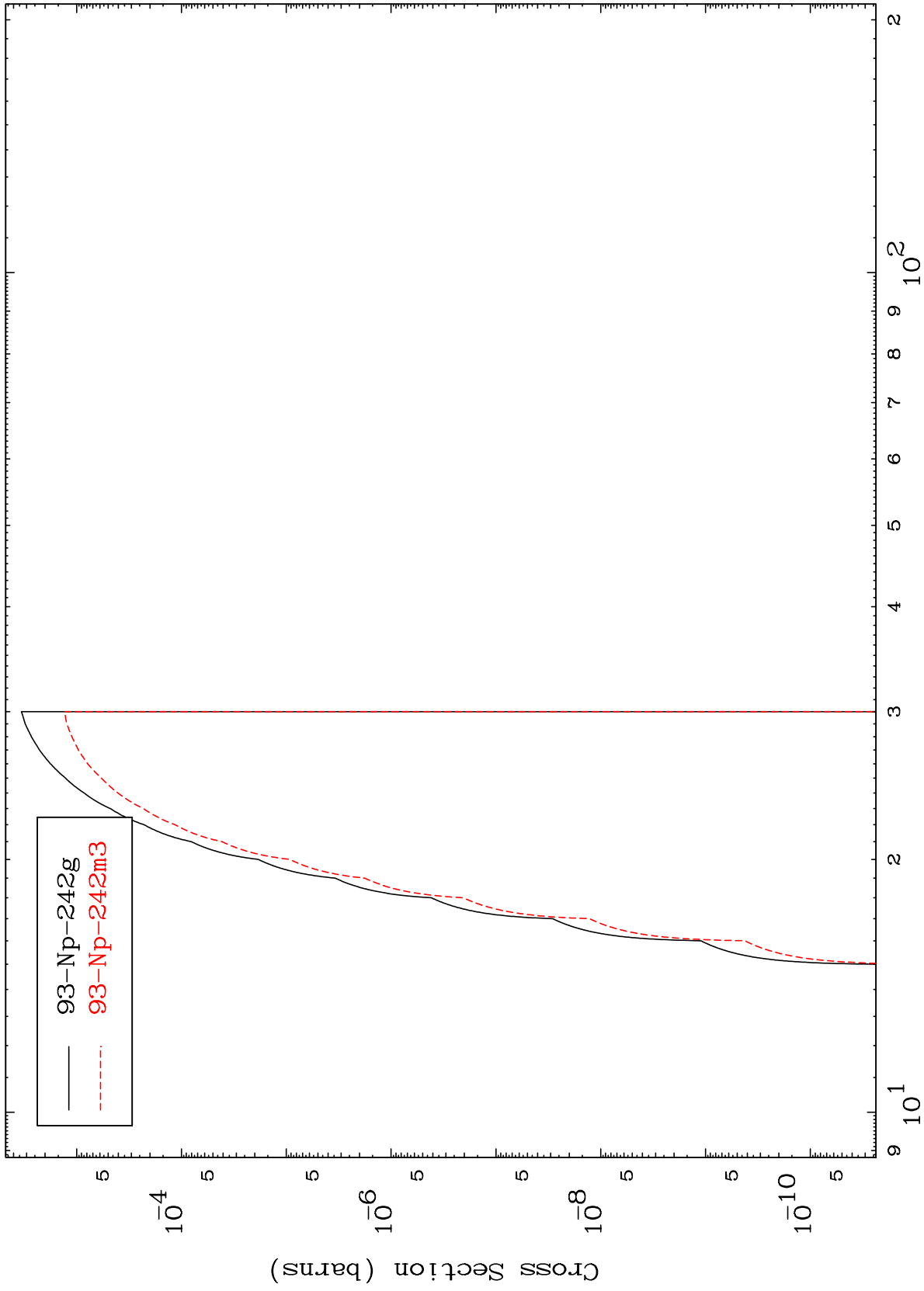
94-Pu-245

MAT 9455

(n,n') t

94-Pu-245

Radionuclide Production Cross Section



28

Incident Energy (MeV)

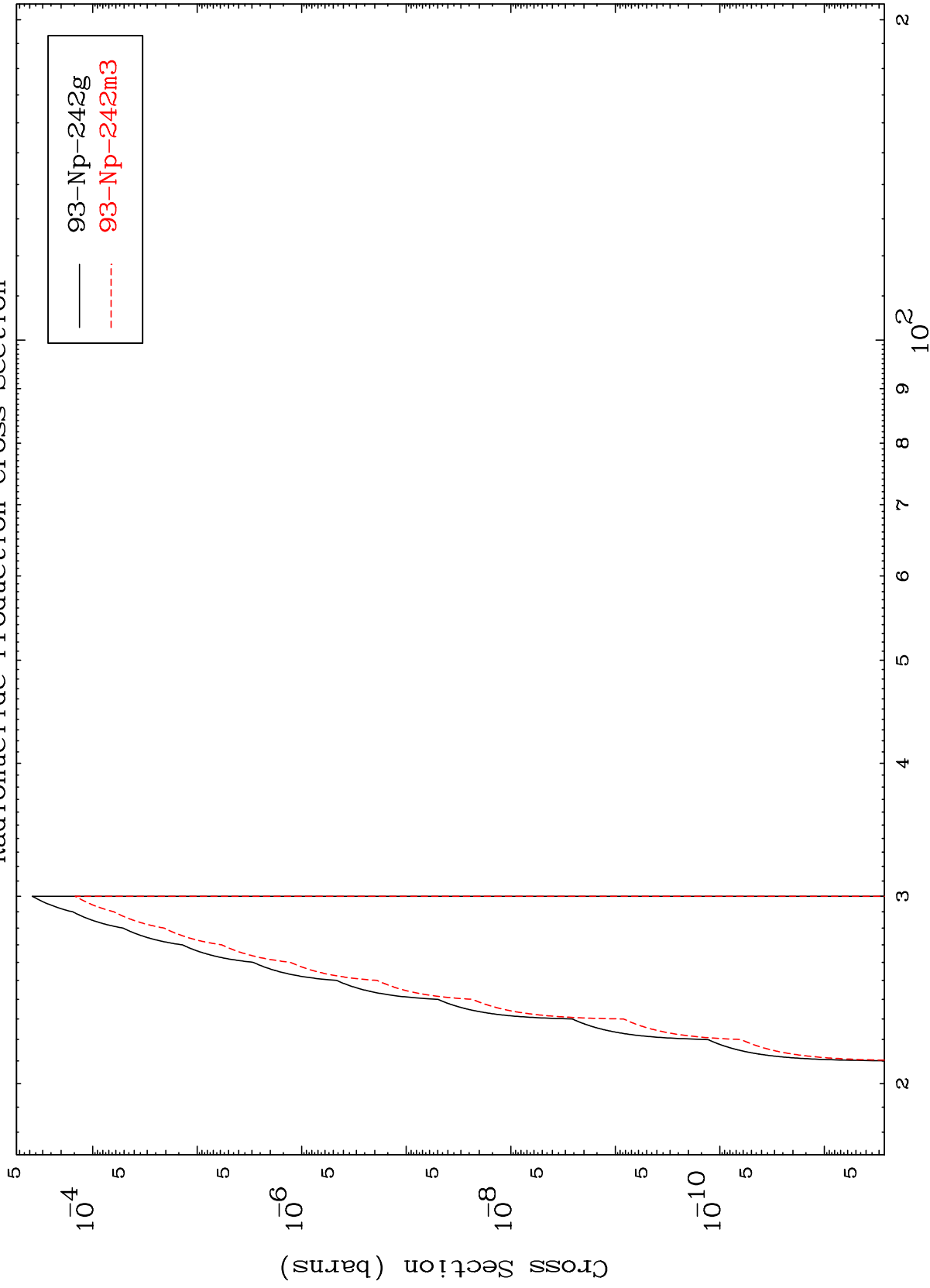
94-Pu-245

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(n,3n) p

94-Pu-245

Radionuclide Production Cross Section



29

Incident Energy (MeV)

94-Pu-245