

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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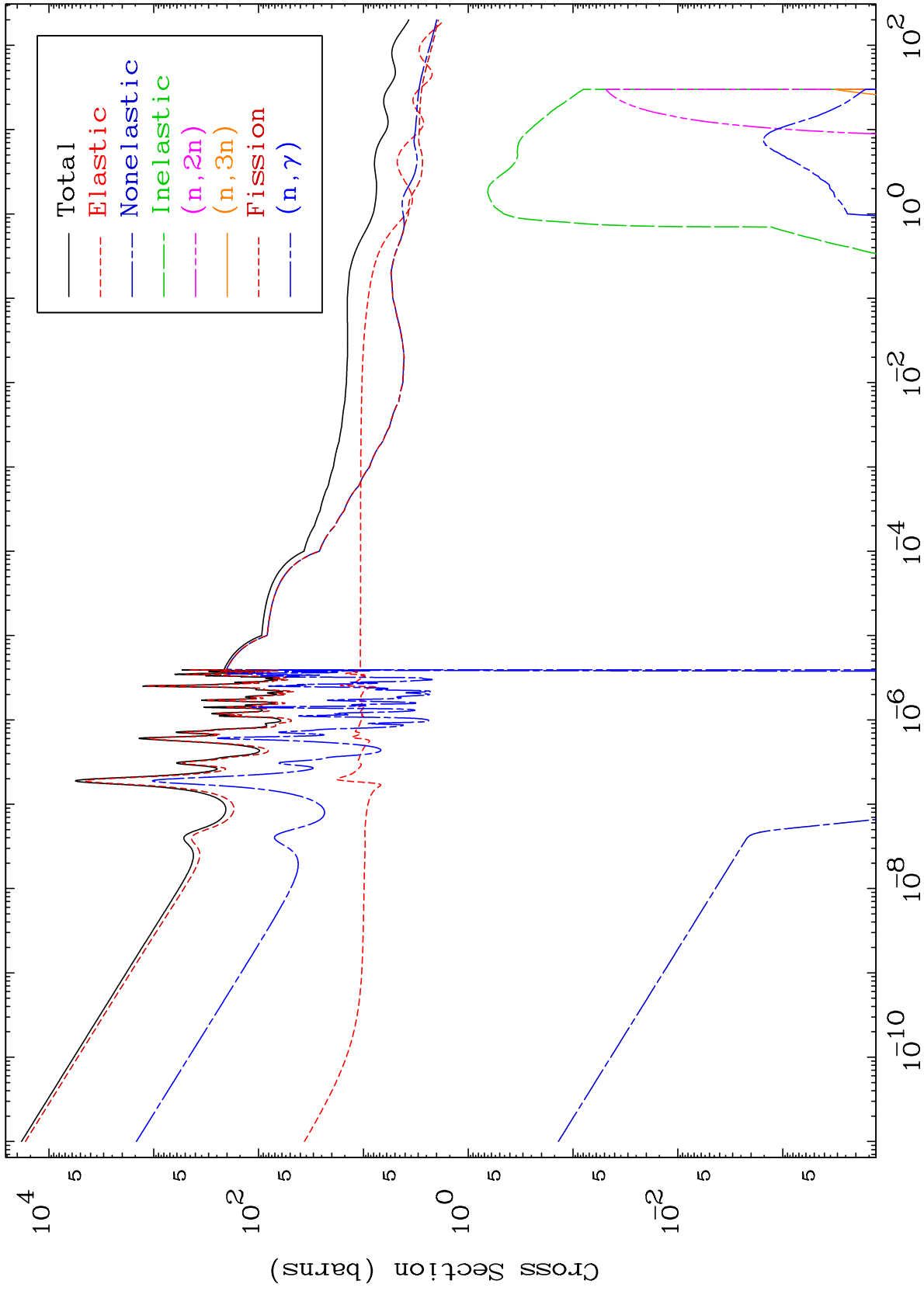
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 455

Neutron Major  
293 Kelvin Cross Sections

104-Rf-255



1

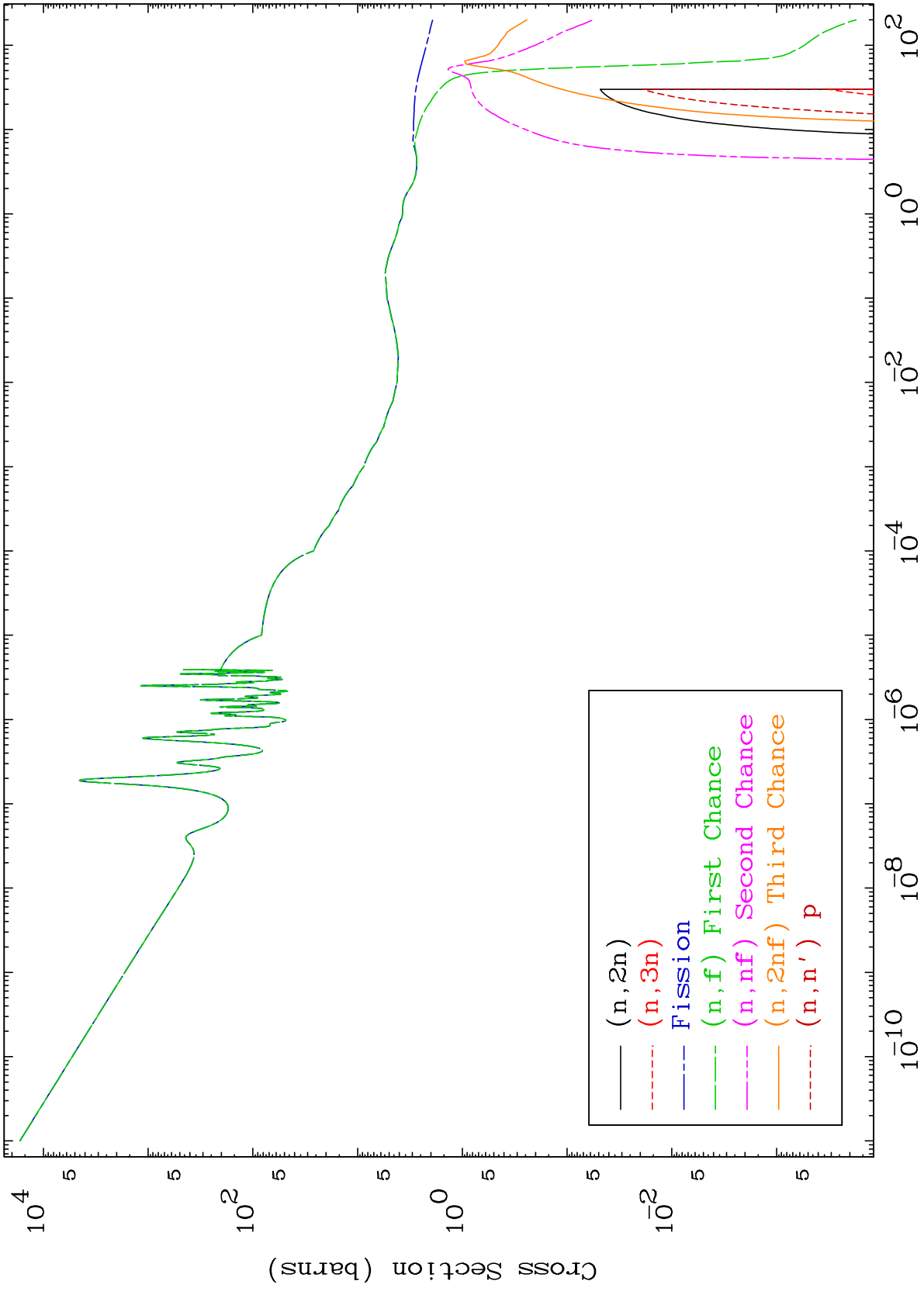
Incident Energy (MeV)

104-Rf-255

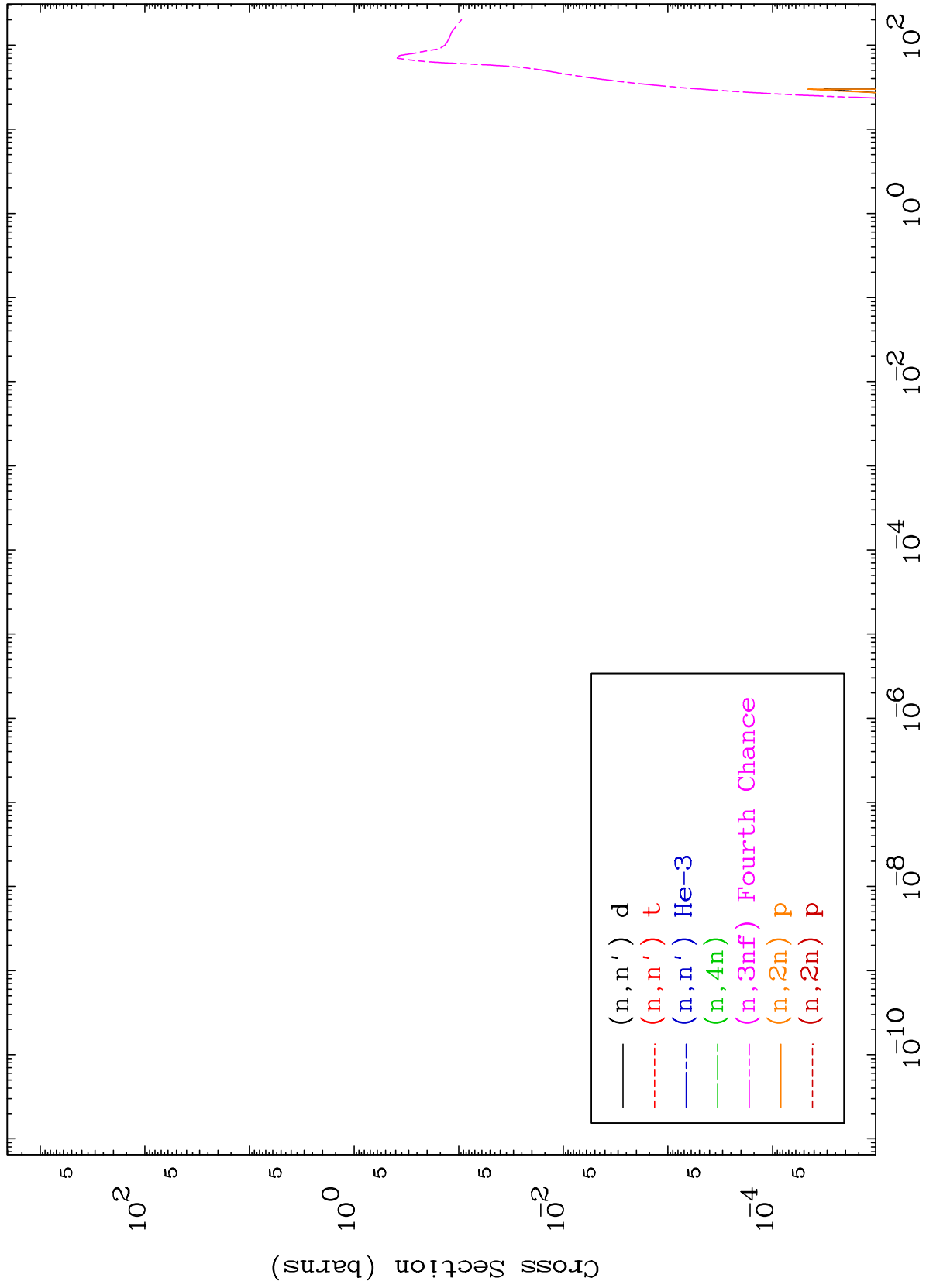
MAT 455

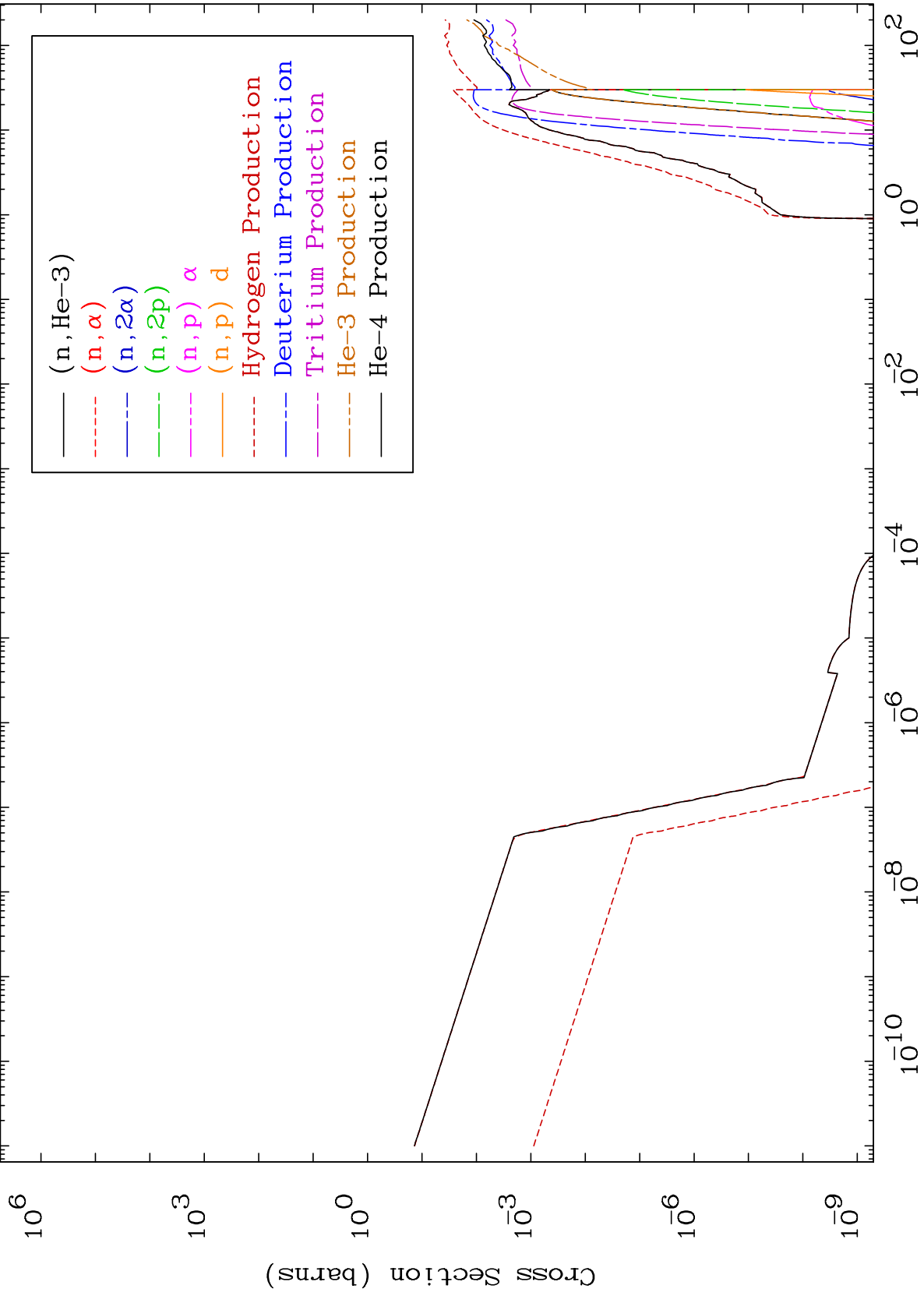
Neutron Absorption  
293 Kelvin Cross Sections

104-Rf-255



104-Rf-255

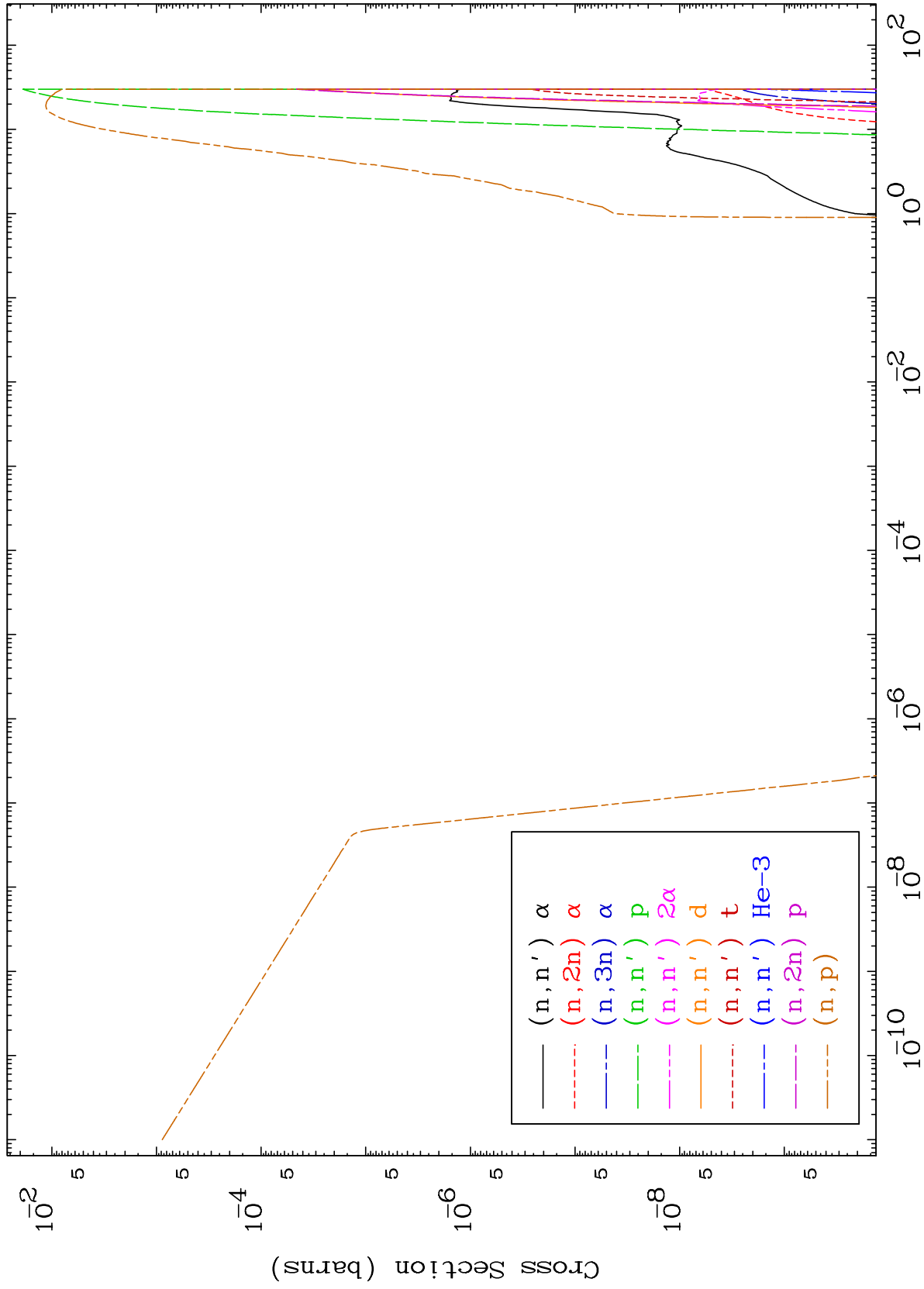




MAT 455

Charged Particle  
293 Kelvin Cross Sections

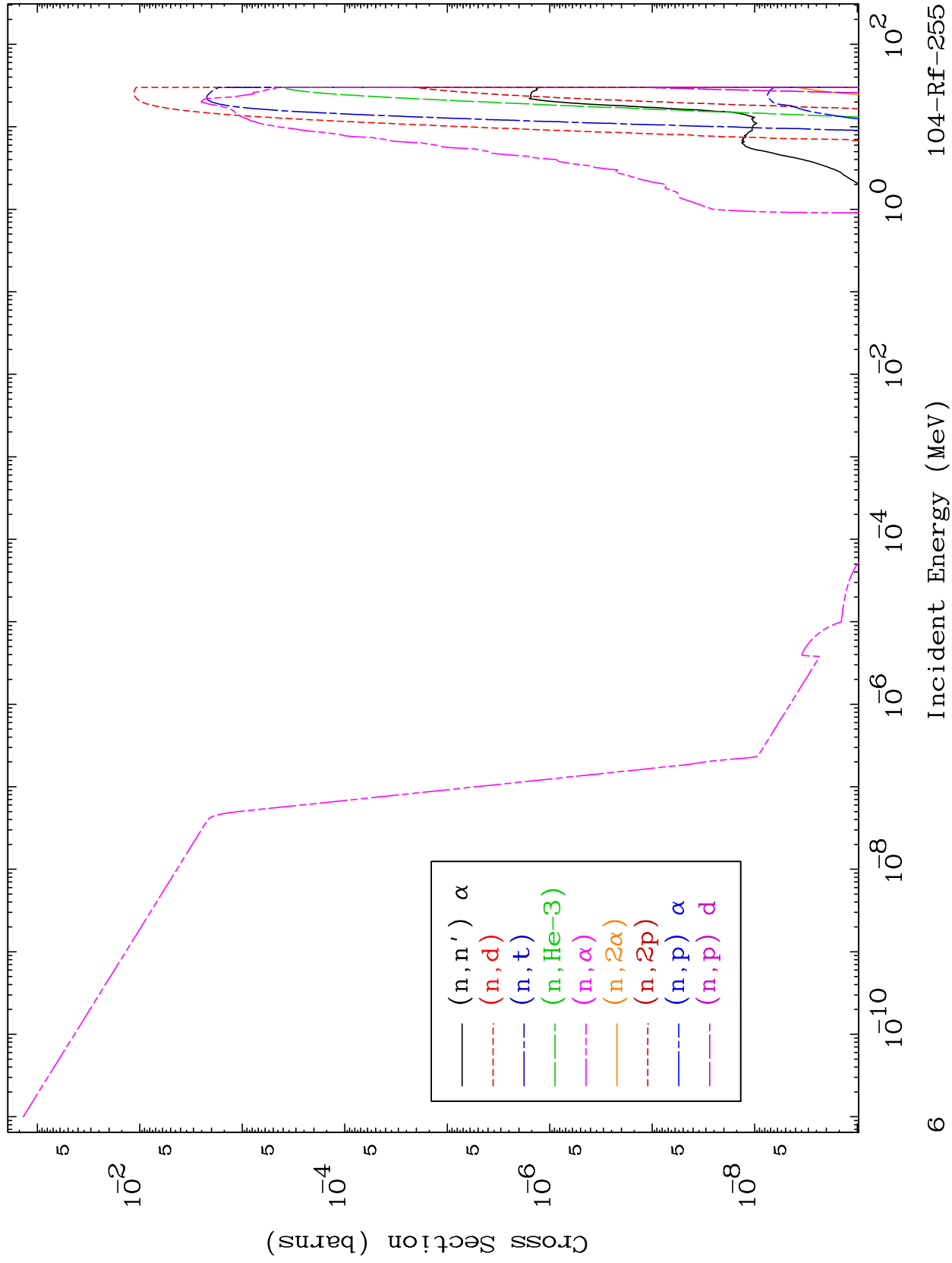
104-Rf-255

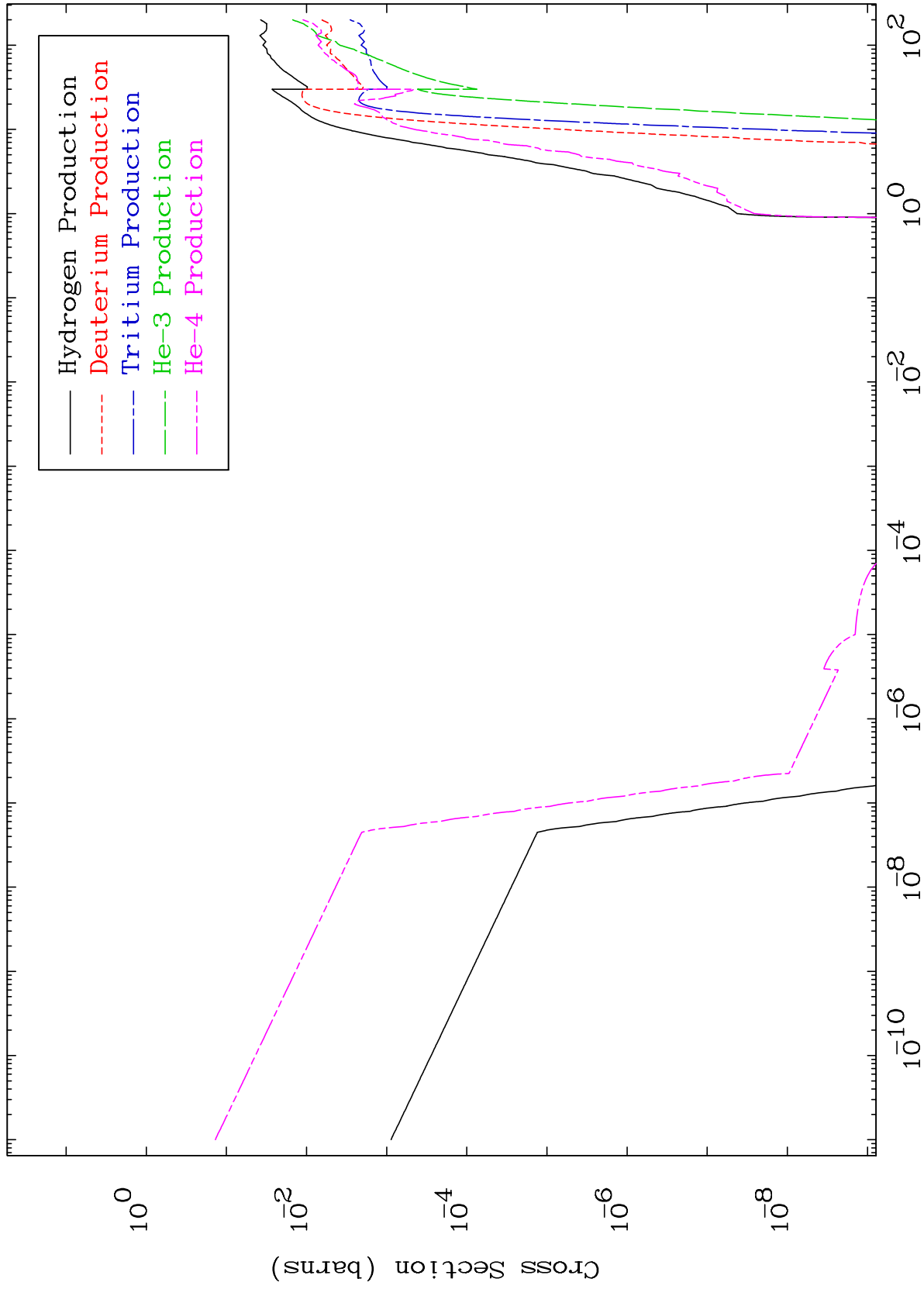


MAT 455

Charged Particle  
293 Kelvin Cross Sections

104-Rf-255



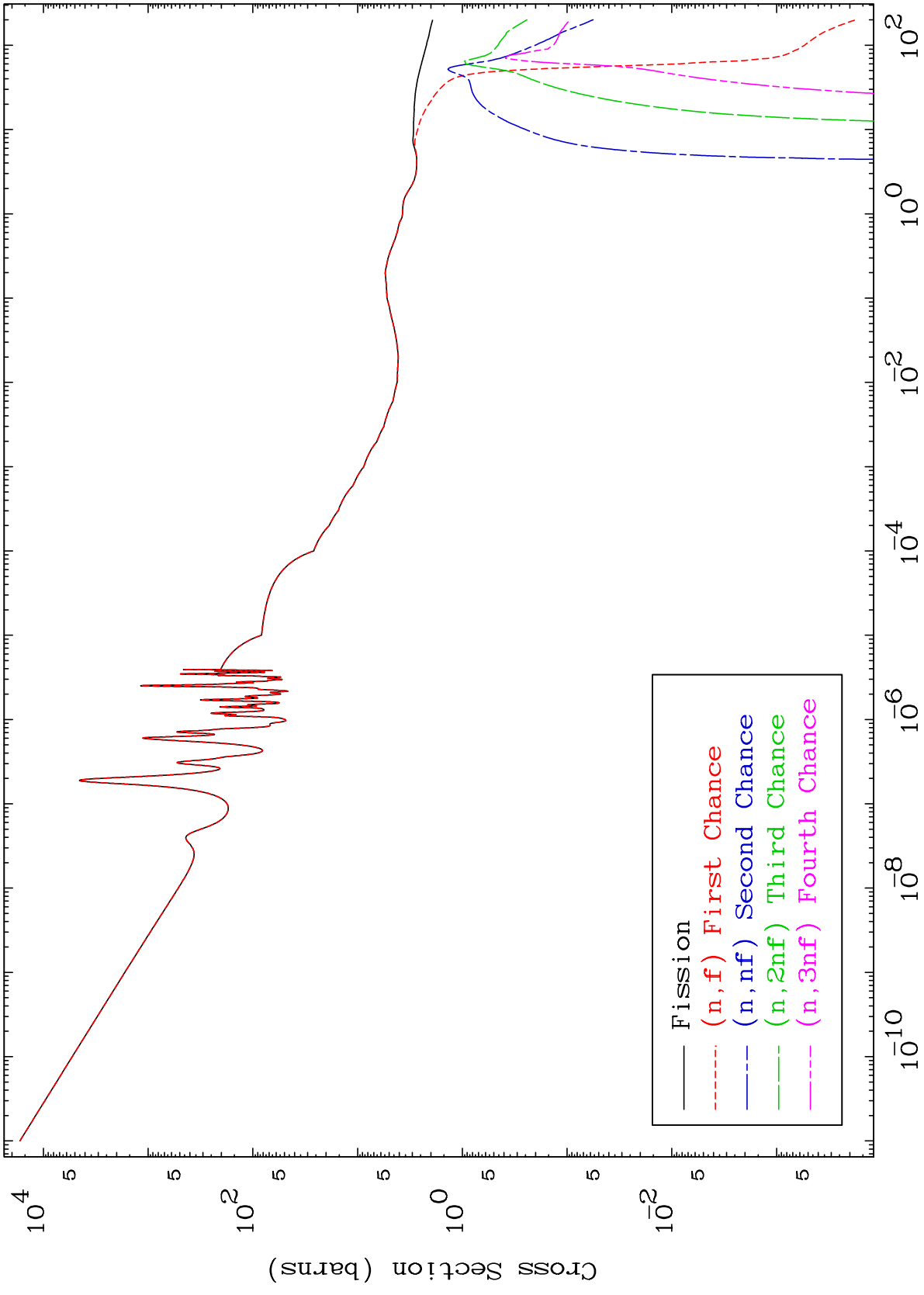




MAT 455

Fission  
293 Kelvin Cross Sections

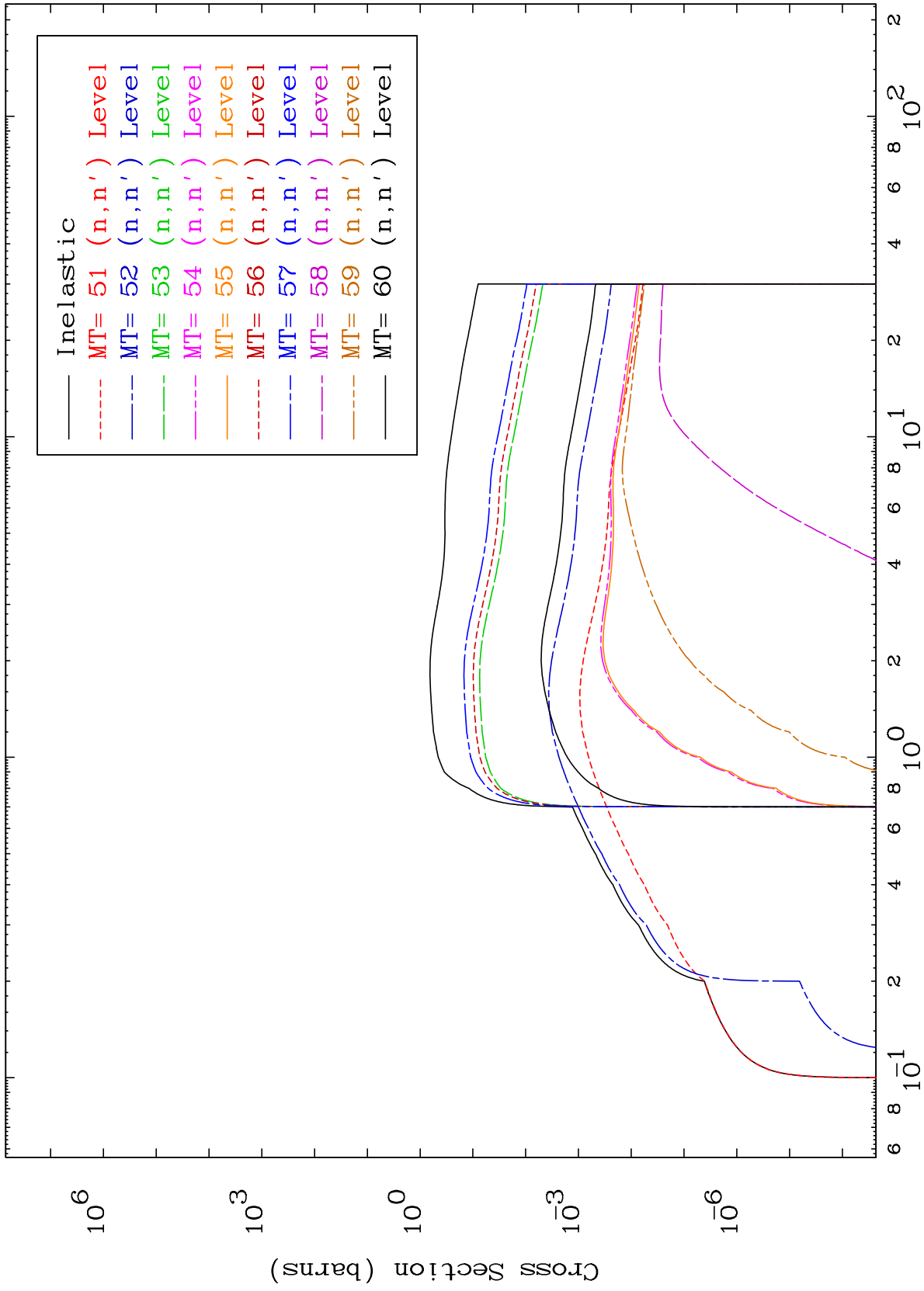
104-Rf-255



MAT 455

(n,n') Levels  
293 Kelvin Cross Sections

104-Rf-255



9

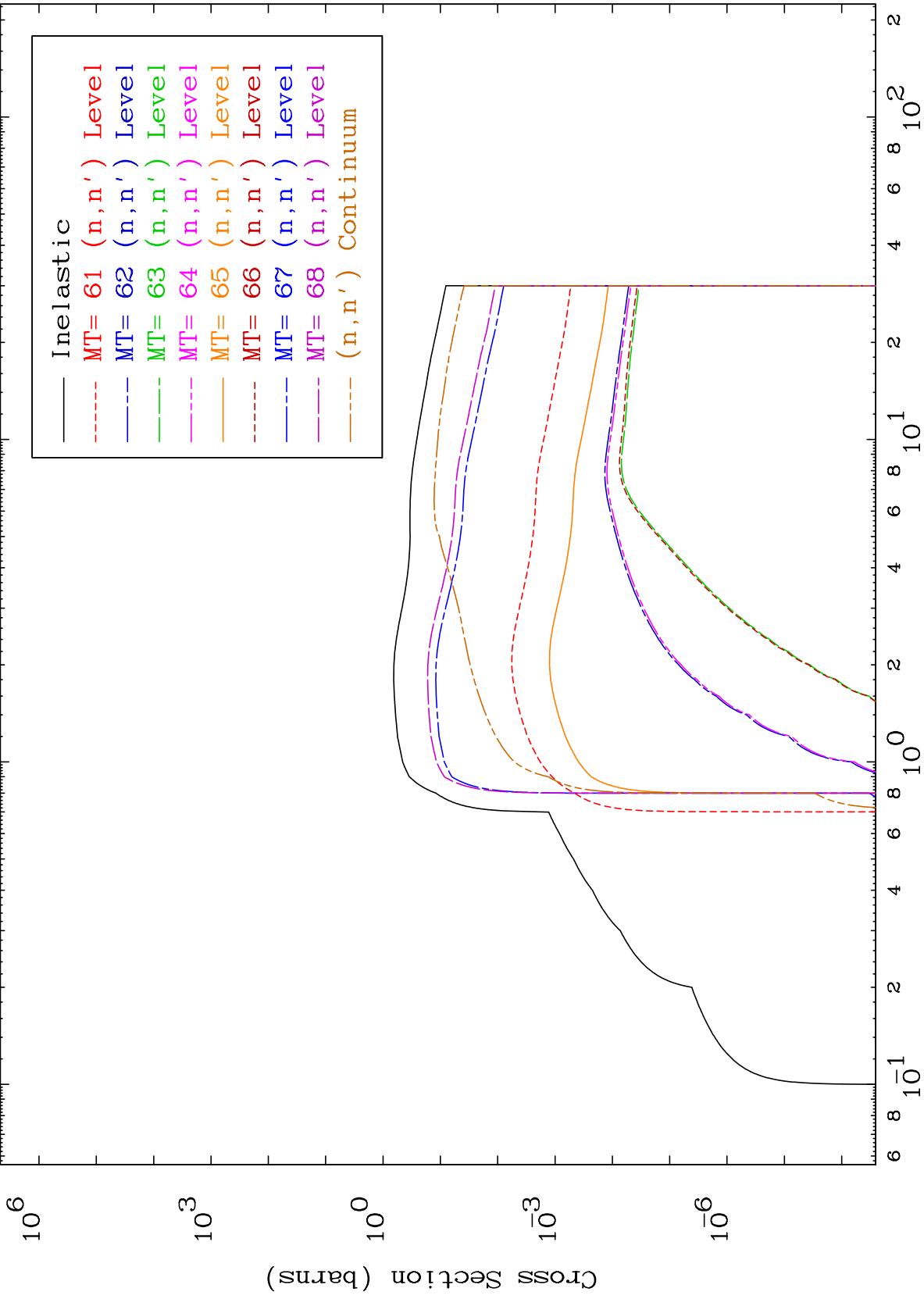
Incident Energy (MeV)

104-Rf-255

MAT 455

(n,n') Levels  
293 Kelvin Cross Sections

104-Rf-255



10

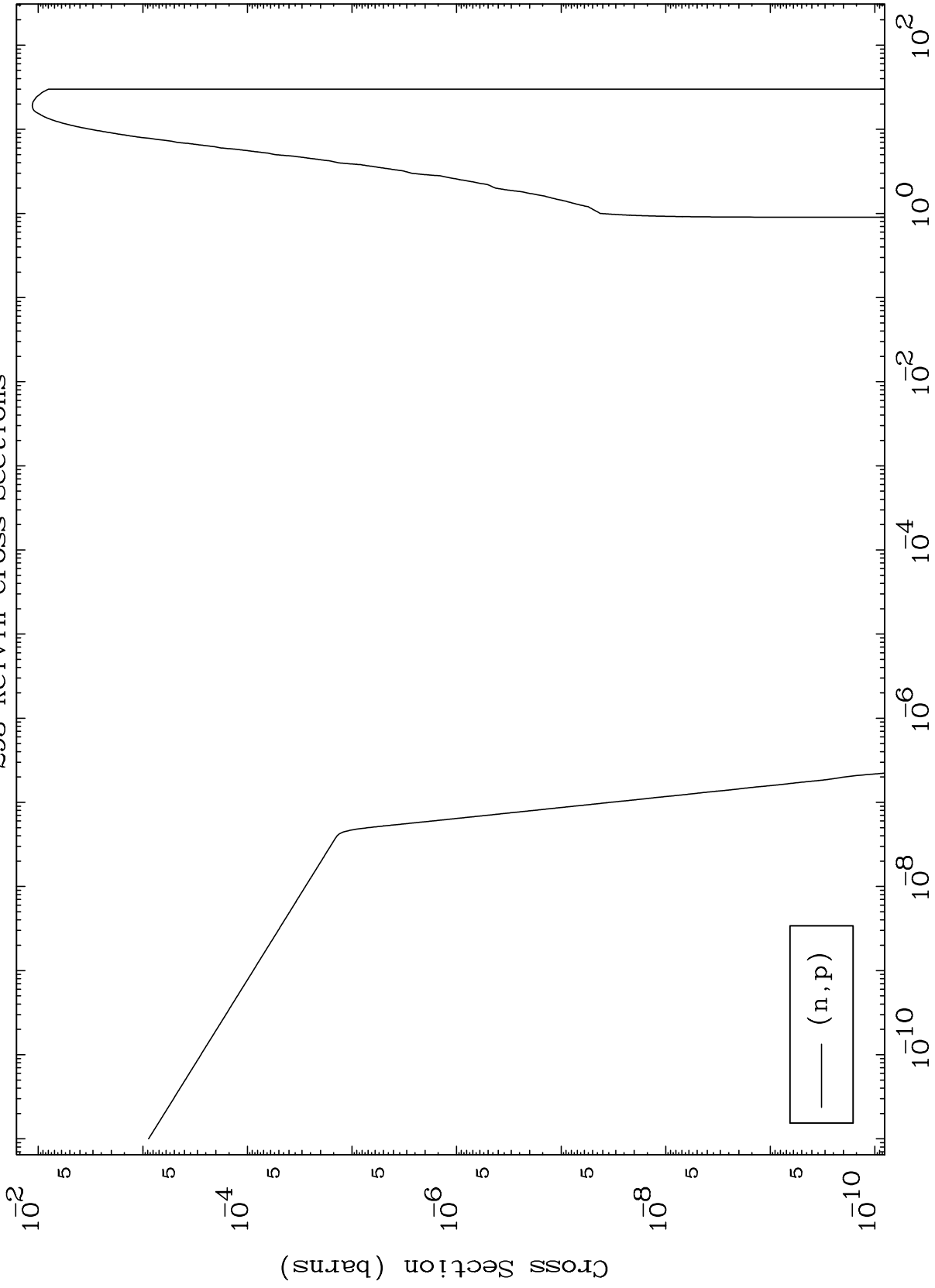
Incident Energy (MeV)

104-Rf-255

MAT 455

(n,p) Levels  
293 Kelvin Cross Sections

104-Rf-255



11

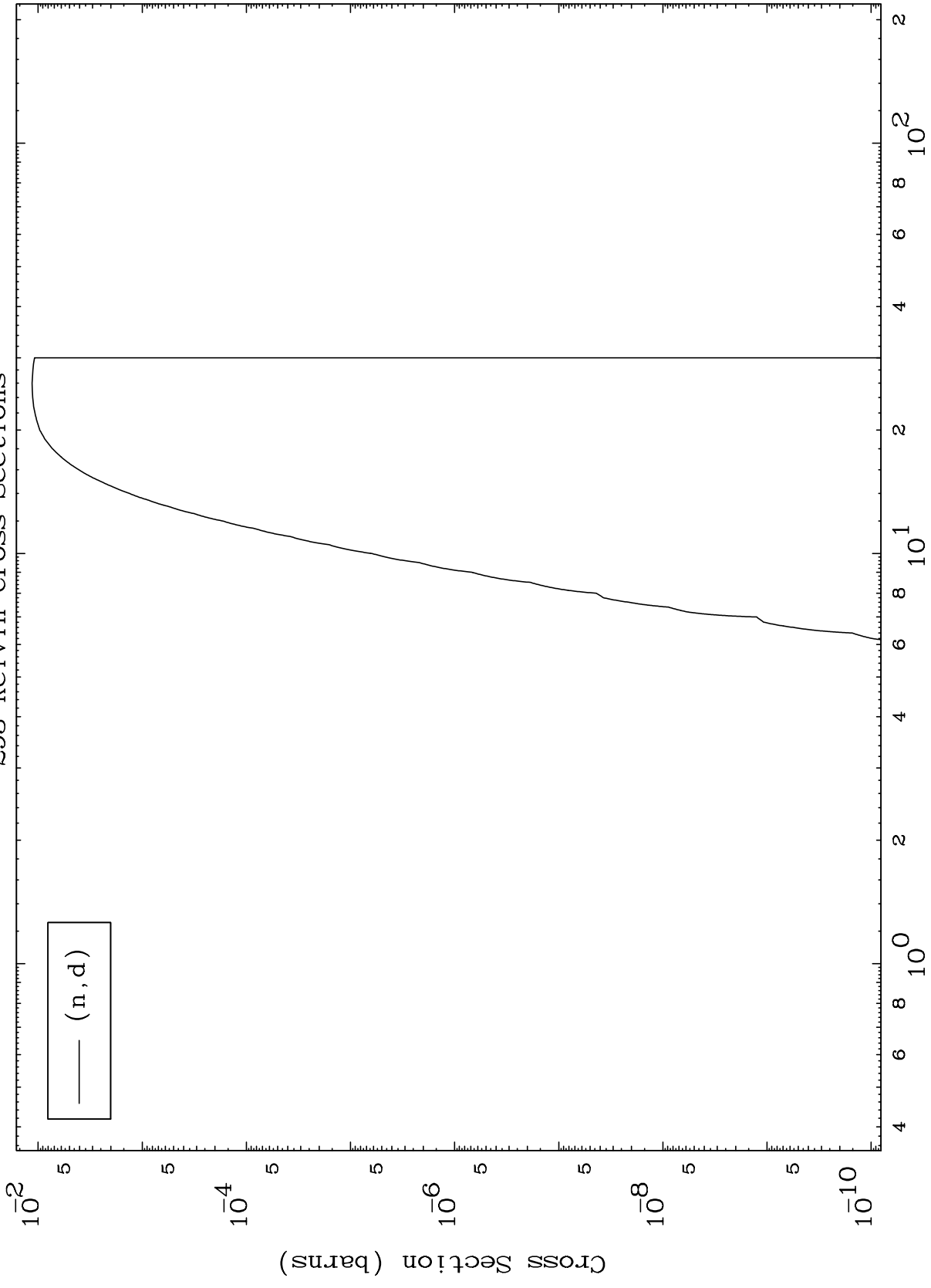
Incident Energy (MeV)

104-Rf-255

MAT 455

(n,d) Levels  
293 Kelvin Cross Sections

104-Rf-255



12

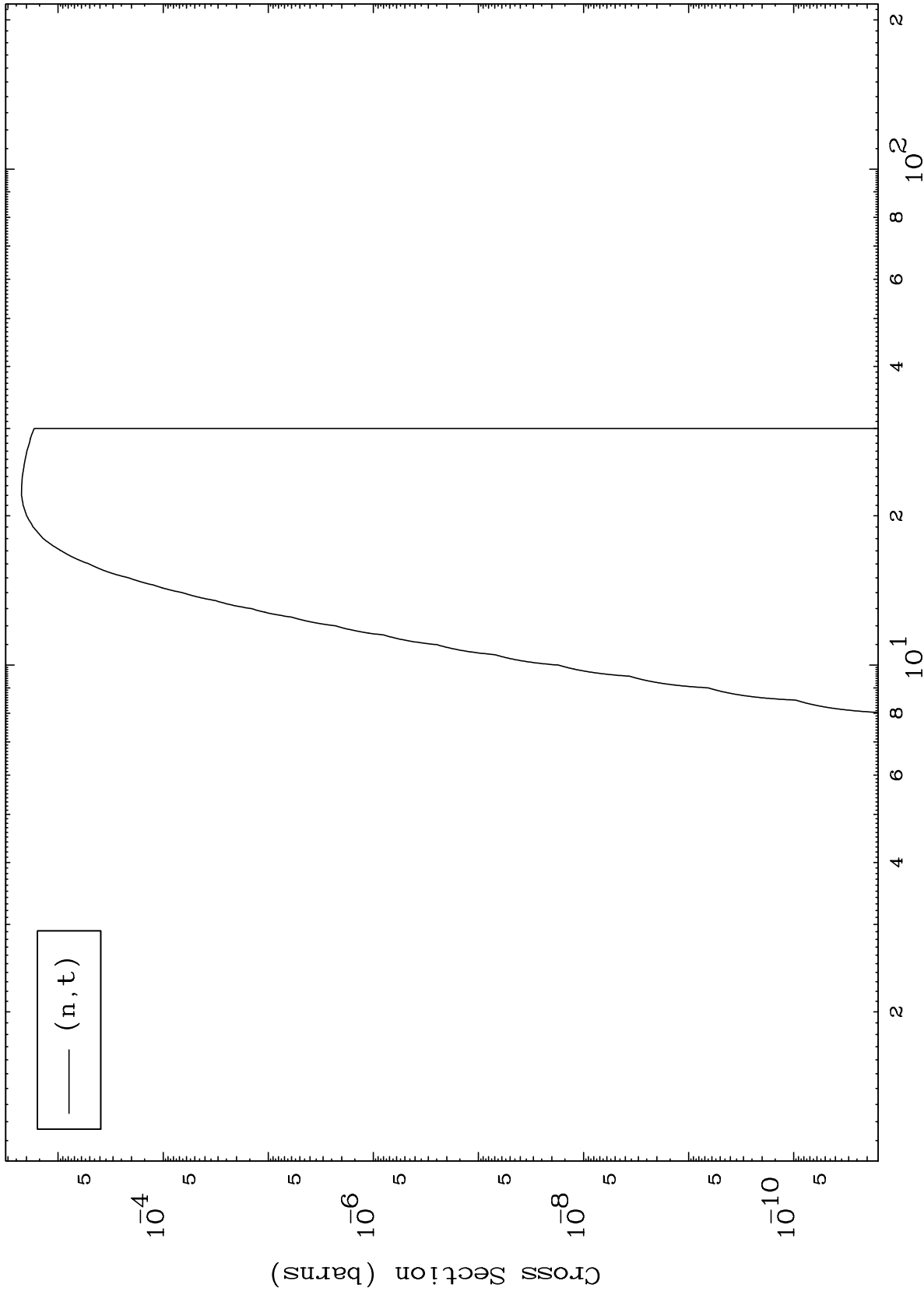
Incident Energy (MeV)

104-Rf-255

MAT 455

(n,t) Levels  
293 Kelvin Cross Sections

104-Rf-255



13

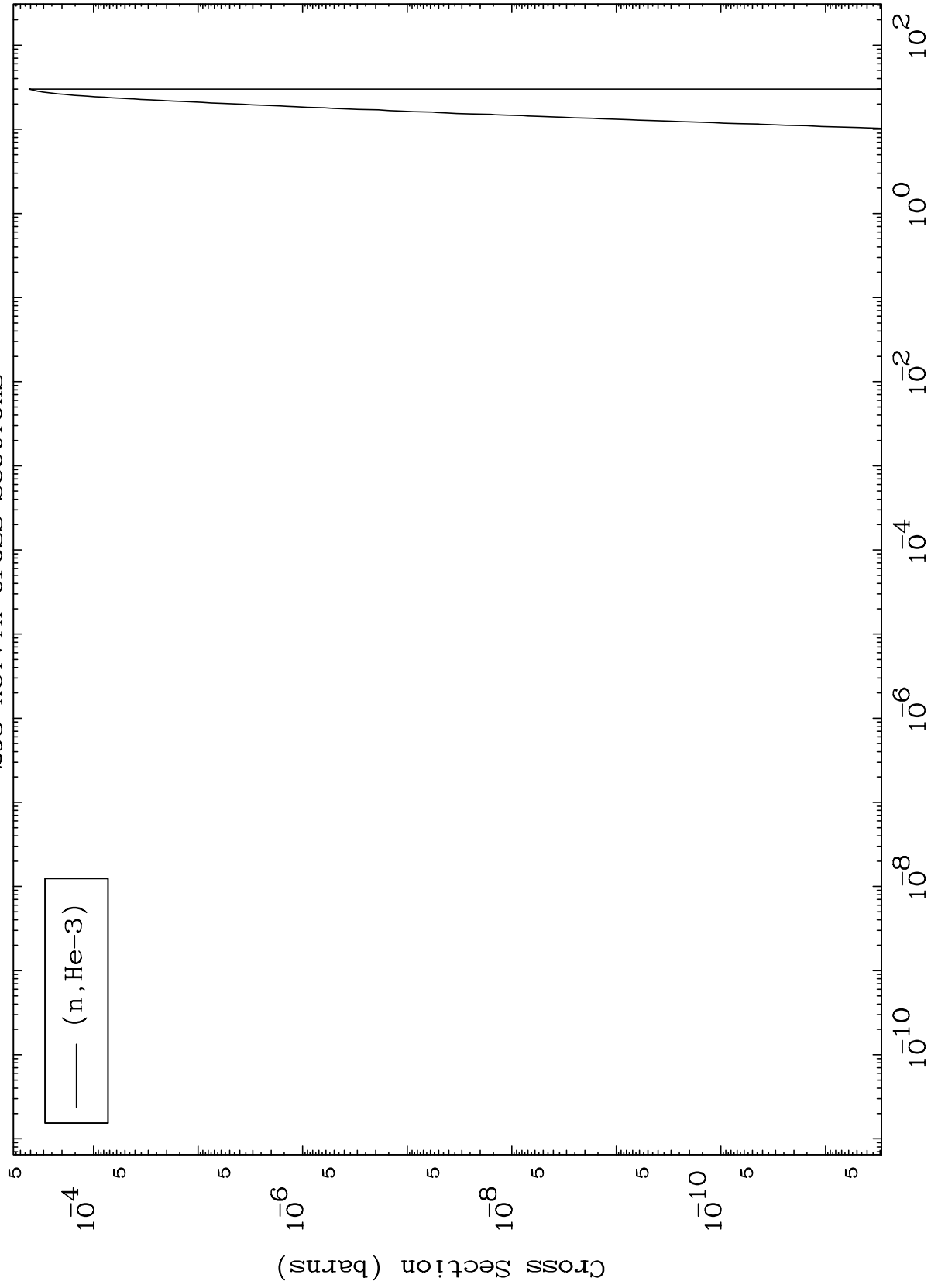
Incident Energy (MeV)

104-Rf-255

MAT 455

(n,He3) Levels  
293 Kelvin Cross Sections

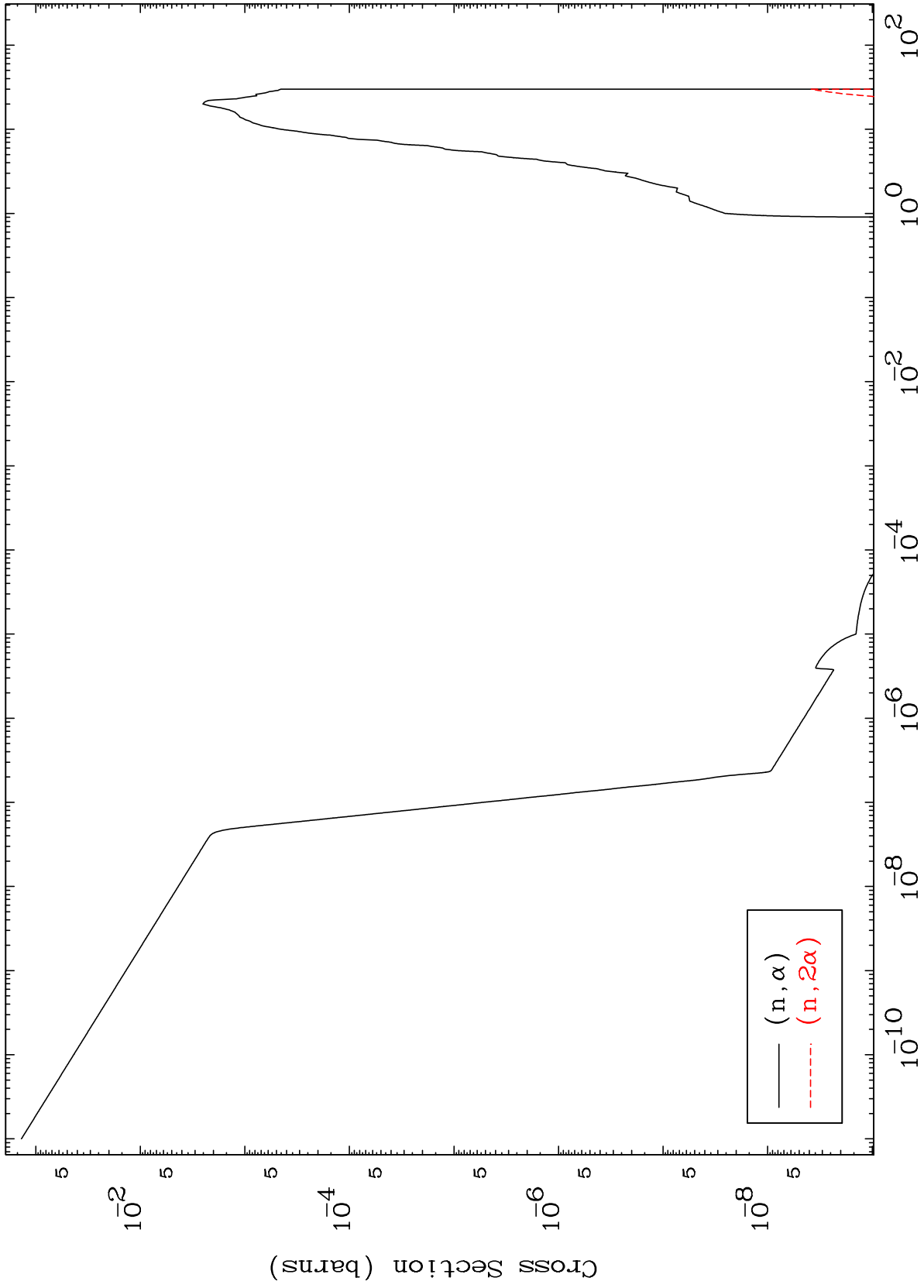
104-Rf-255



MAT 455

(n,α) Levels  
293 Kelvin Cross Sections

104-Rf-255



15

Incident Energy (MeV)

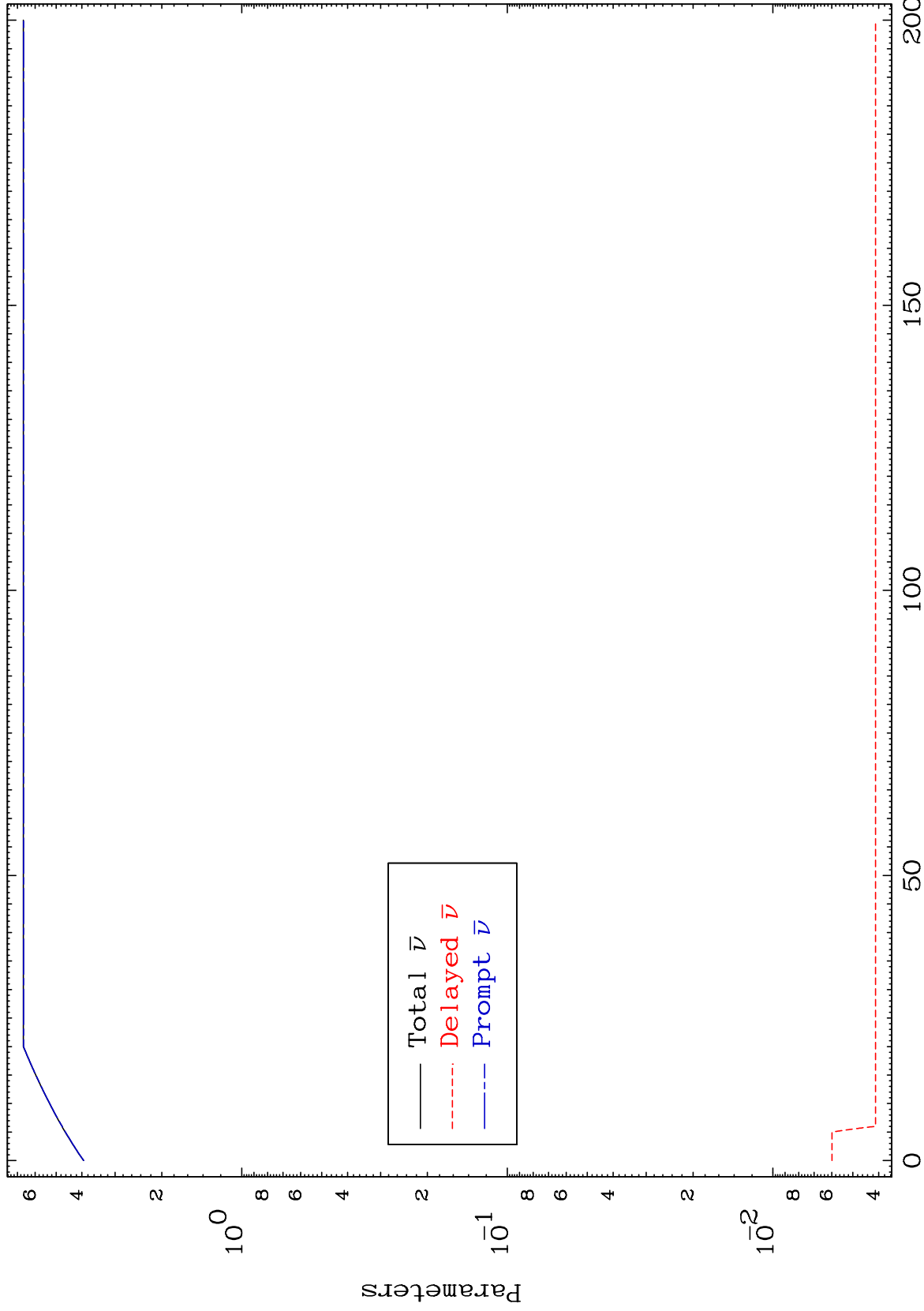
104-Rf-255



MAT 455

Energy Release  
Parameters

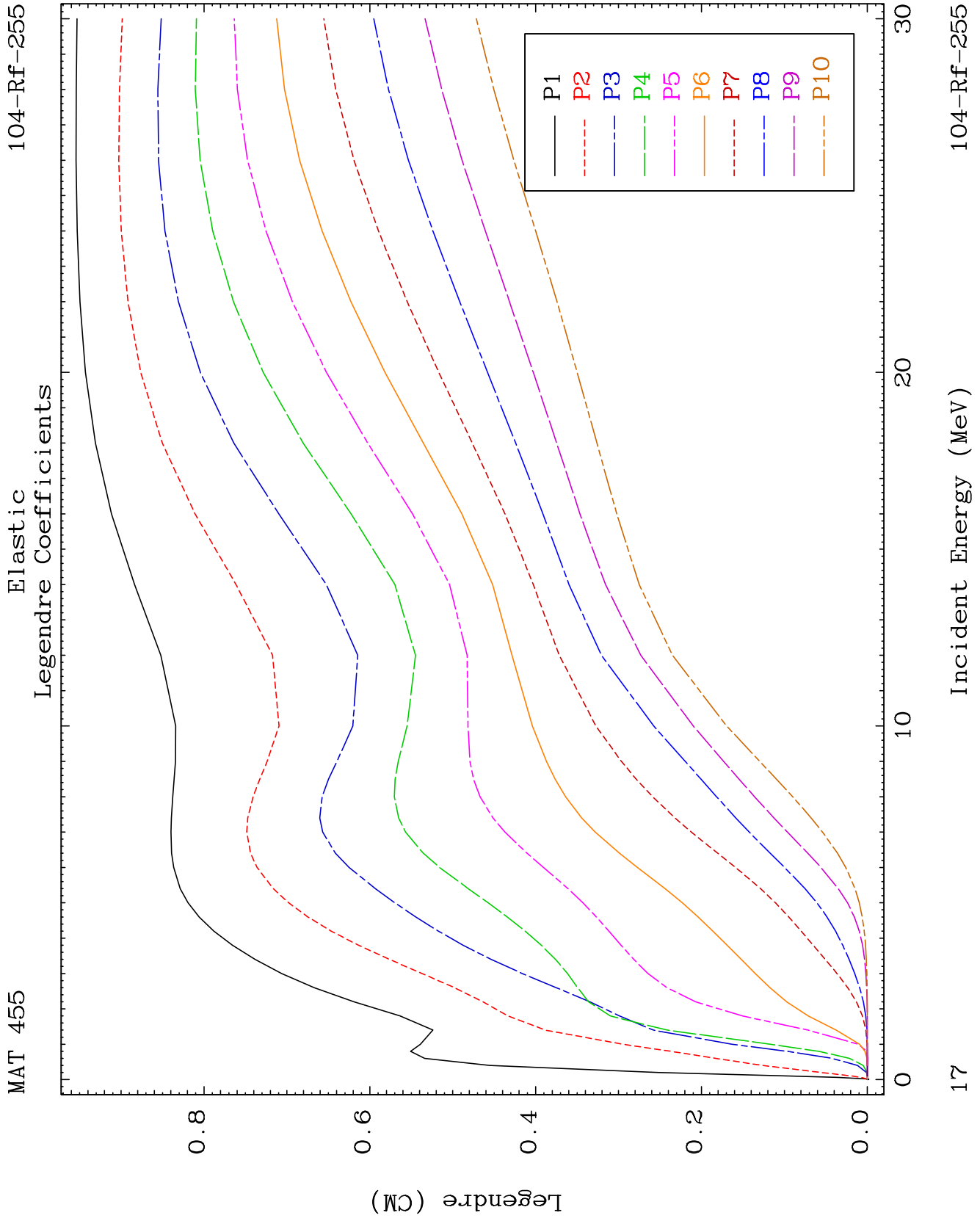
104-Rf-255

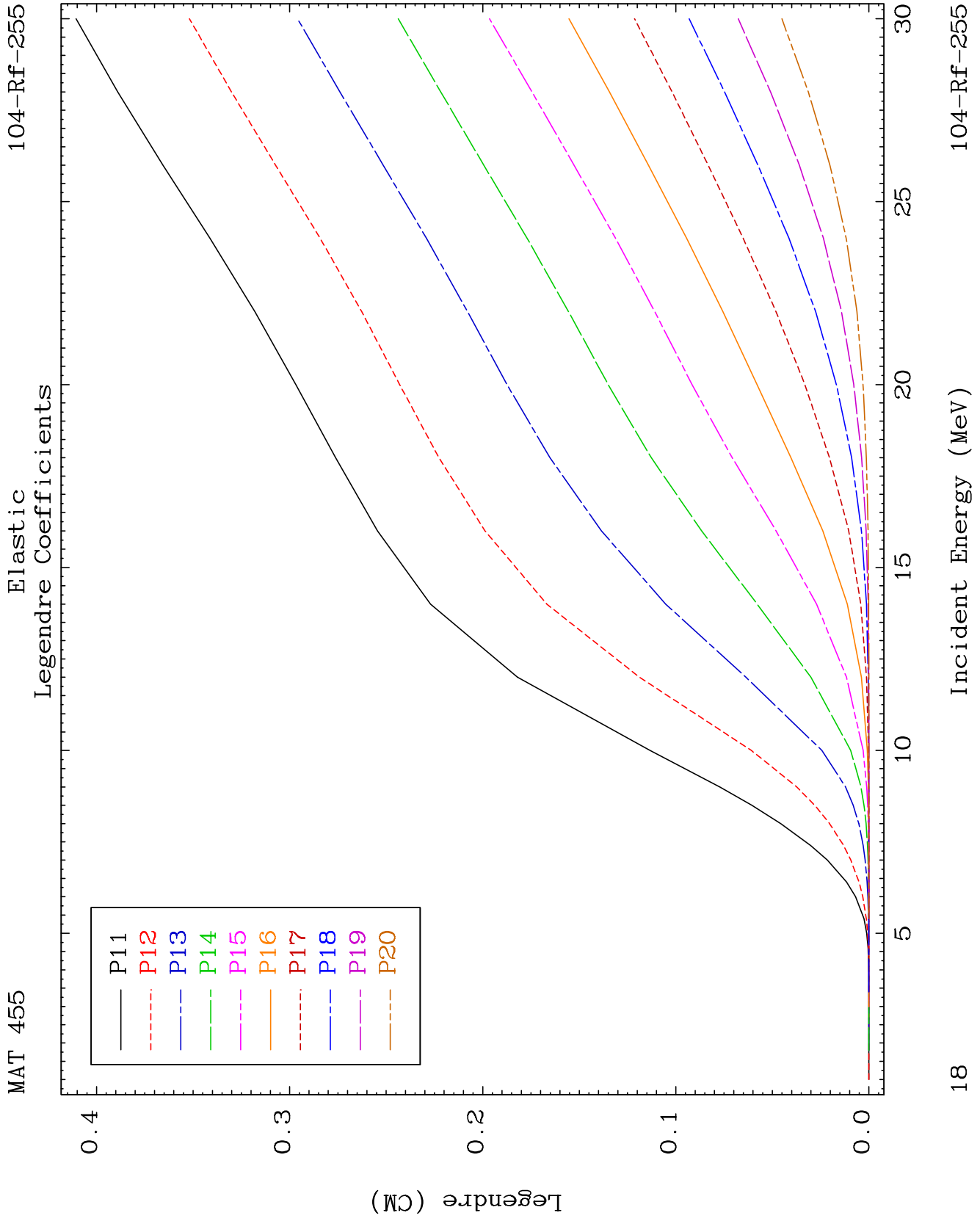


16

Incident Energy (MeV)

104-Rf-255

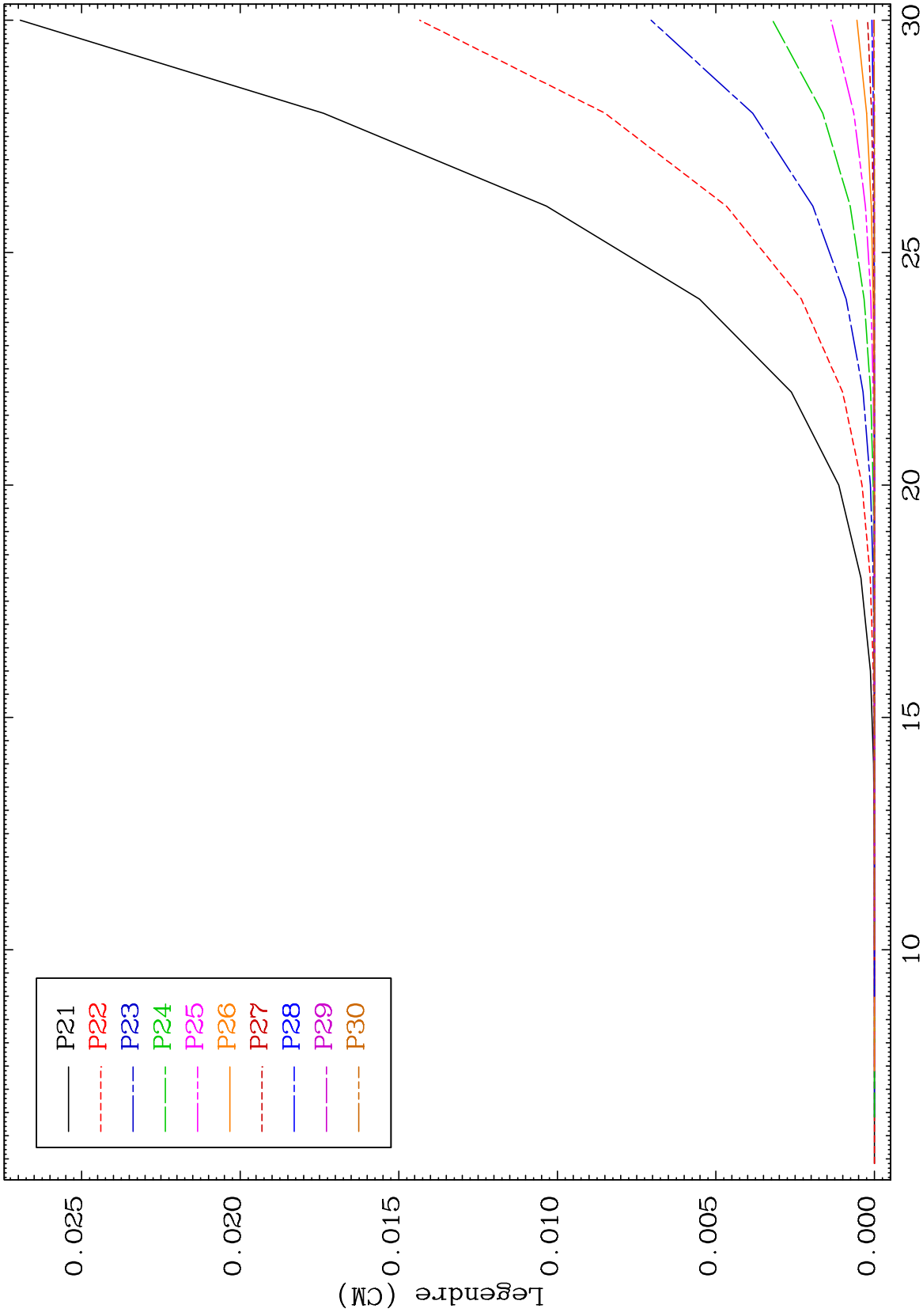




MAT 455

### Elastic Legendre Coefficients

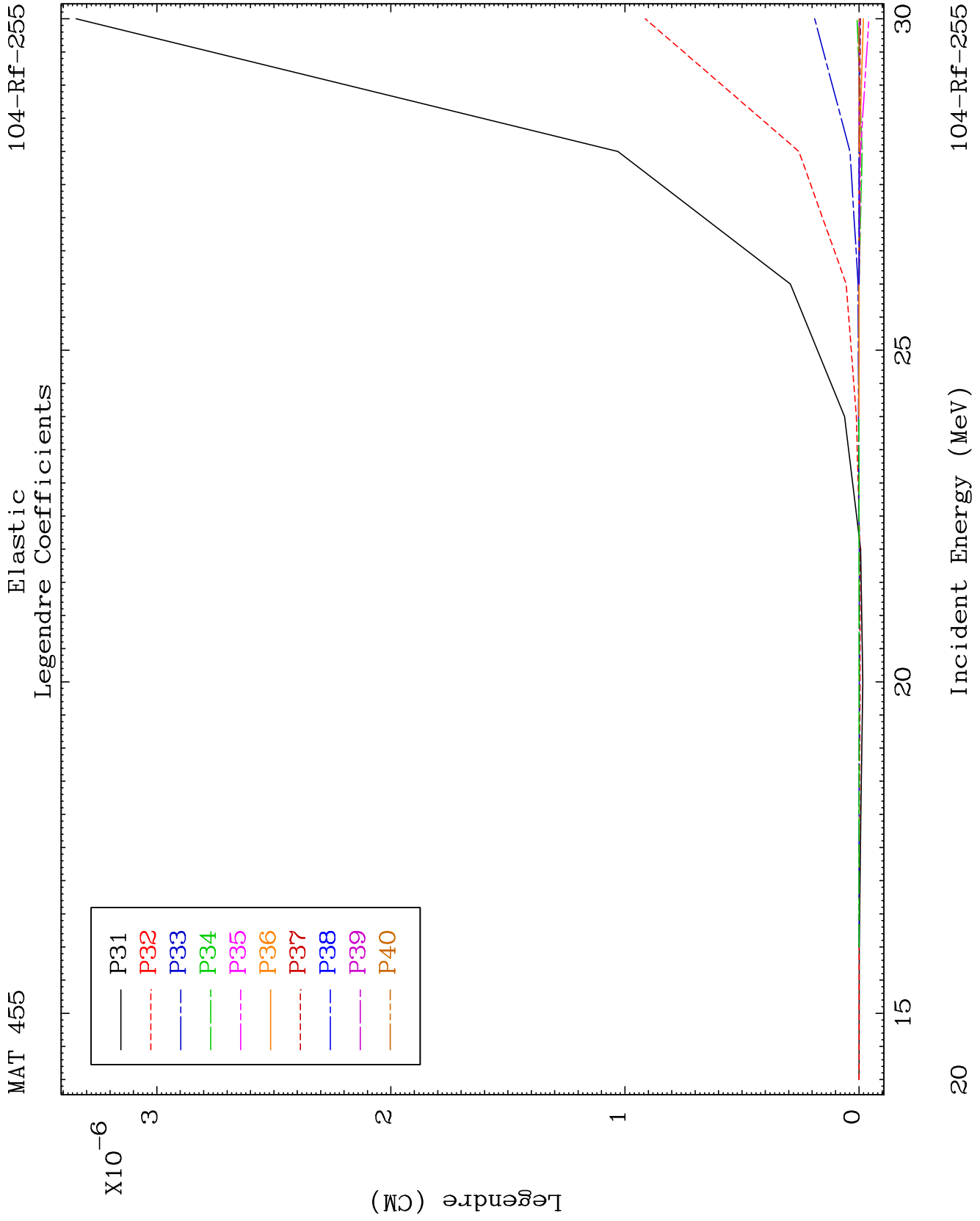
104-Rf-255



19

Incident Energy (MeV)

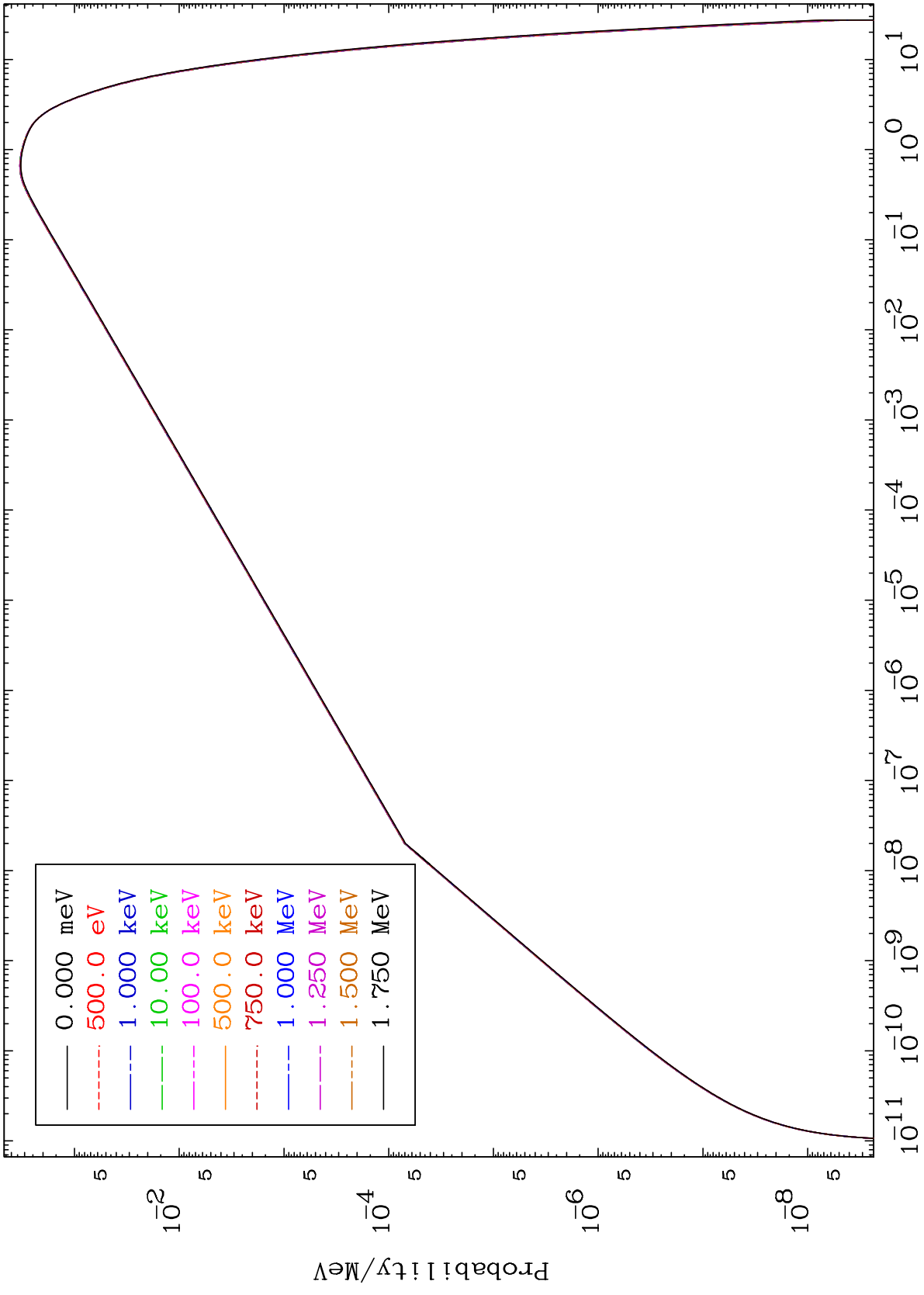
104-Rf-255



MAT 455

### Fission Energy Distributions

104-Rf-255

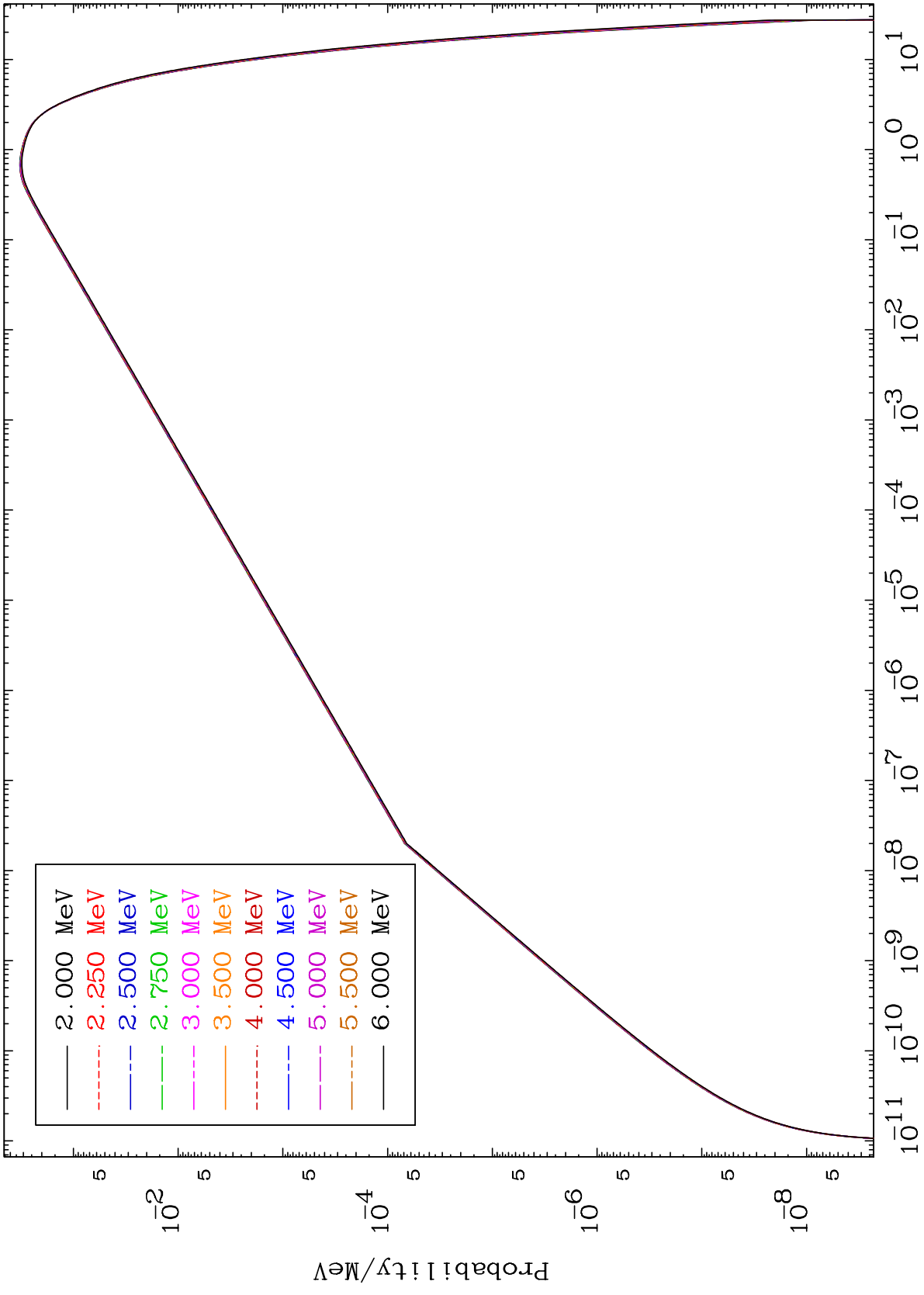


104-Rf-255

MAT 455

### Fission Energy Distributions

104-Rf-255

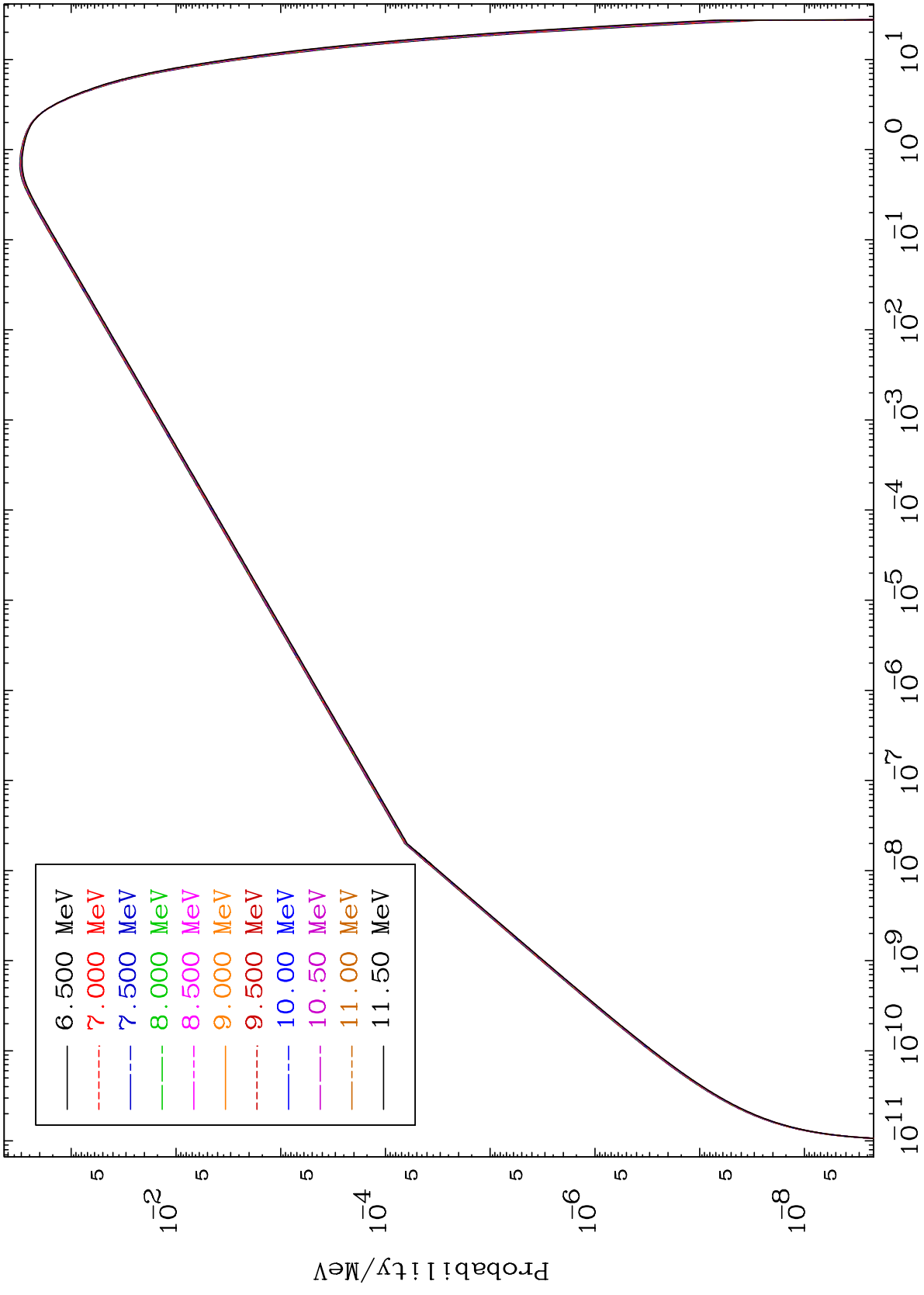


104-Rf-255

MAT 455

### Fission Energy Distributions

104-Rf-255



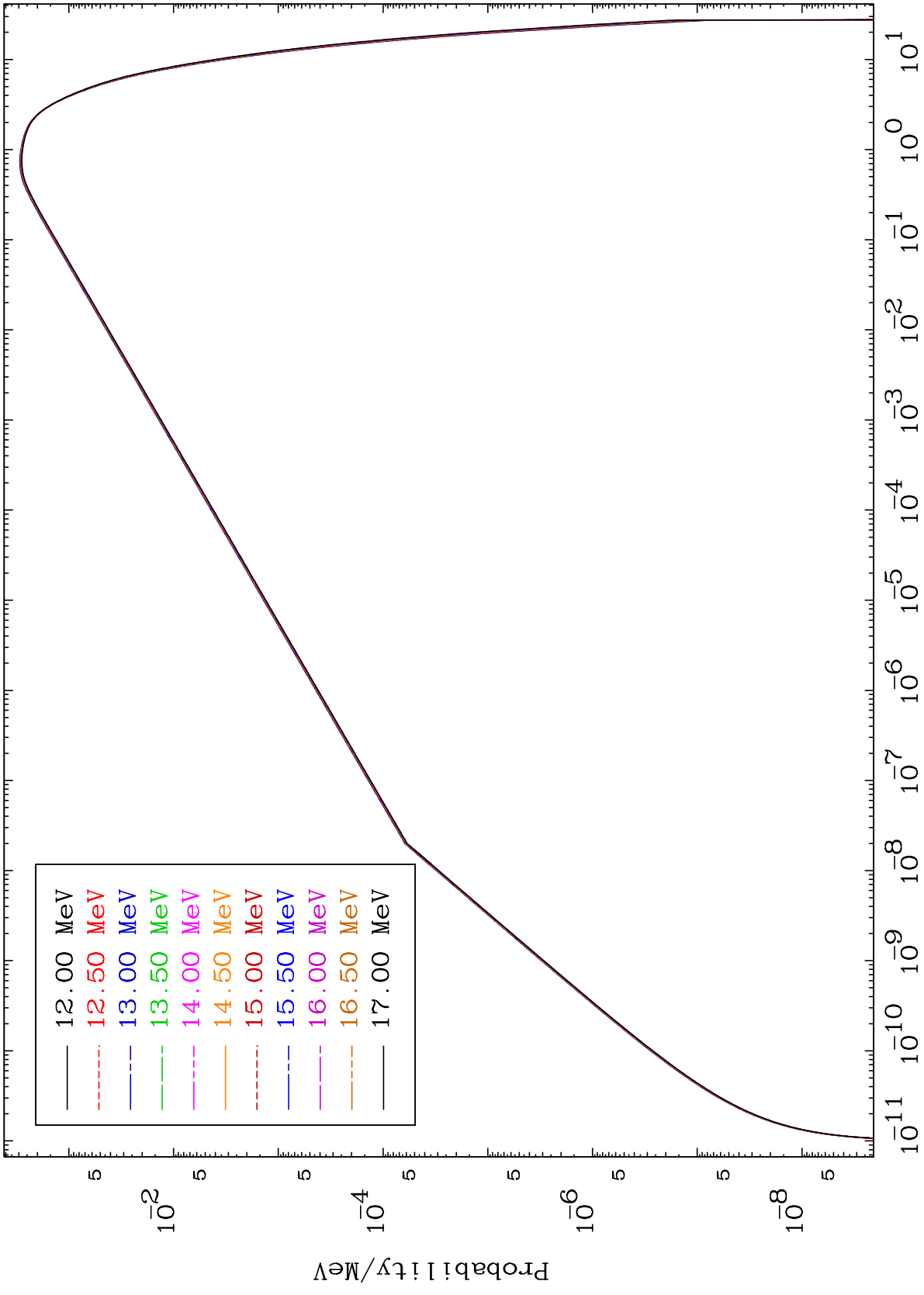
104-Rf-255



MAT 455

### Fission Energy Distributions

104-Rf-255

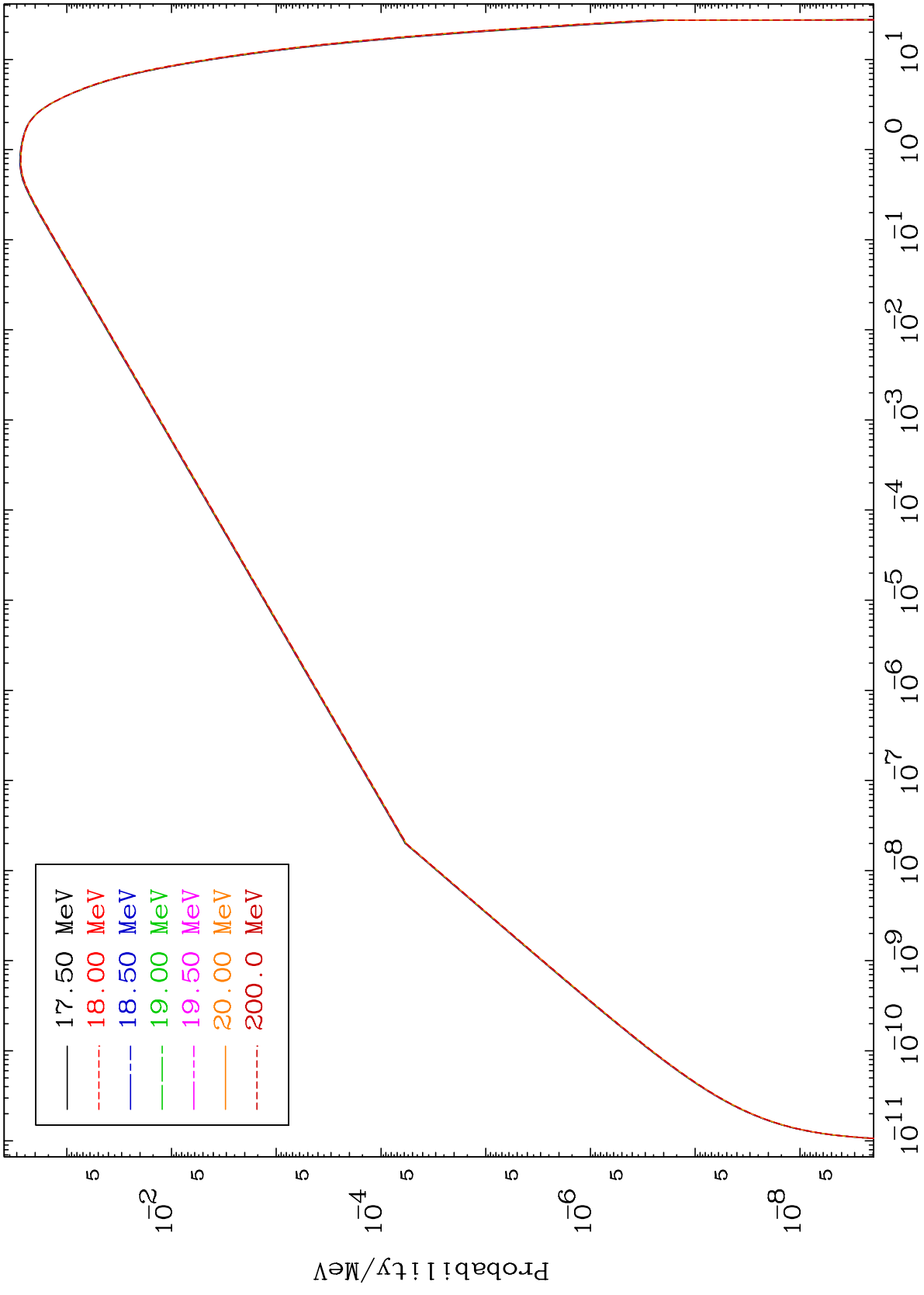


104-Rf-255

MAT 455

### Fission Energy Distributions

104-Rf-255



25

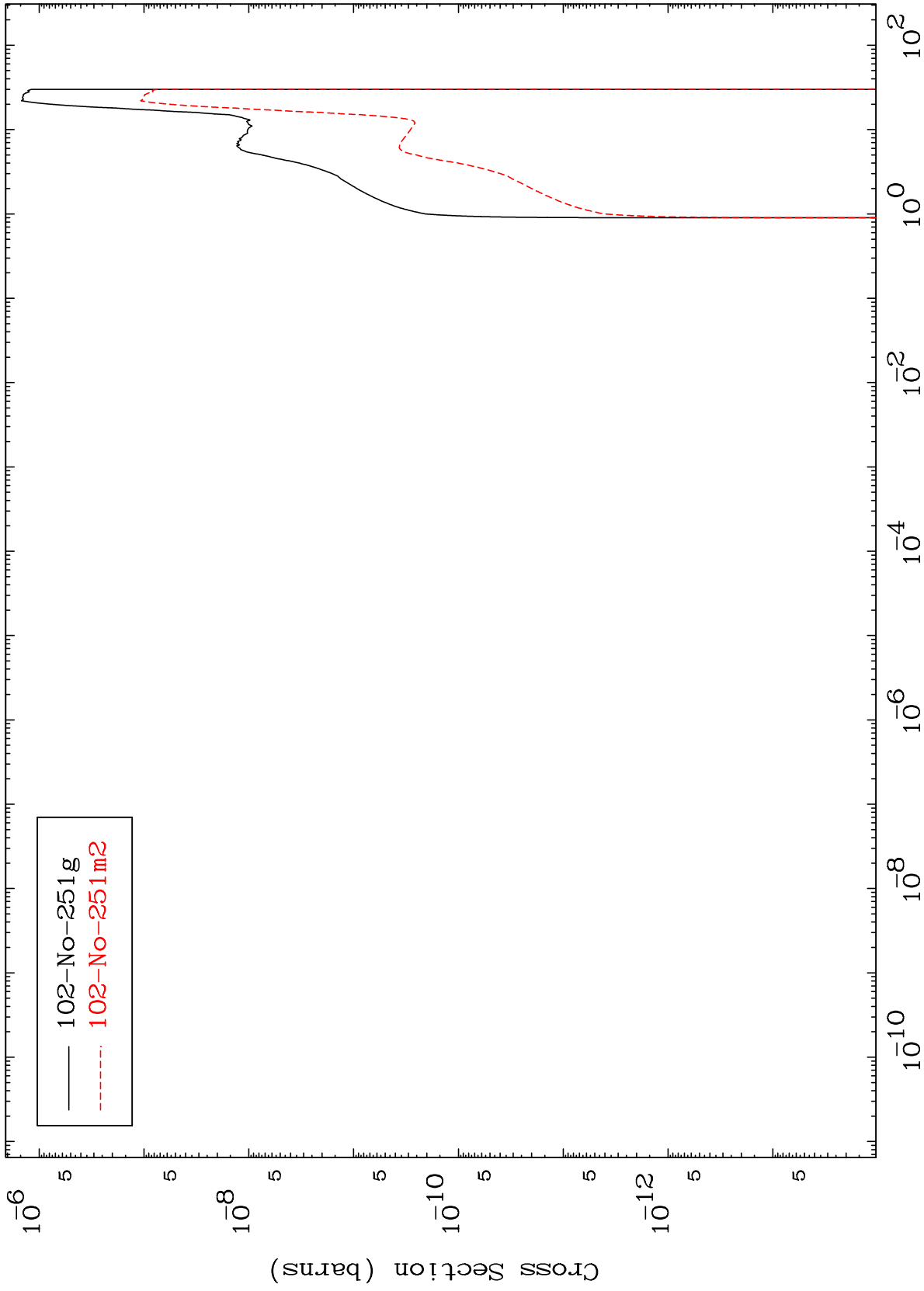
104-Rf-255

MAT 455

(n,n')  $\alpha$

104-Rf-255

Radionuclide Production Cross Section



26

Incident Energy (MeV)

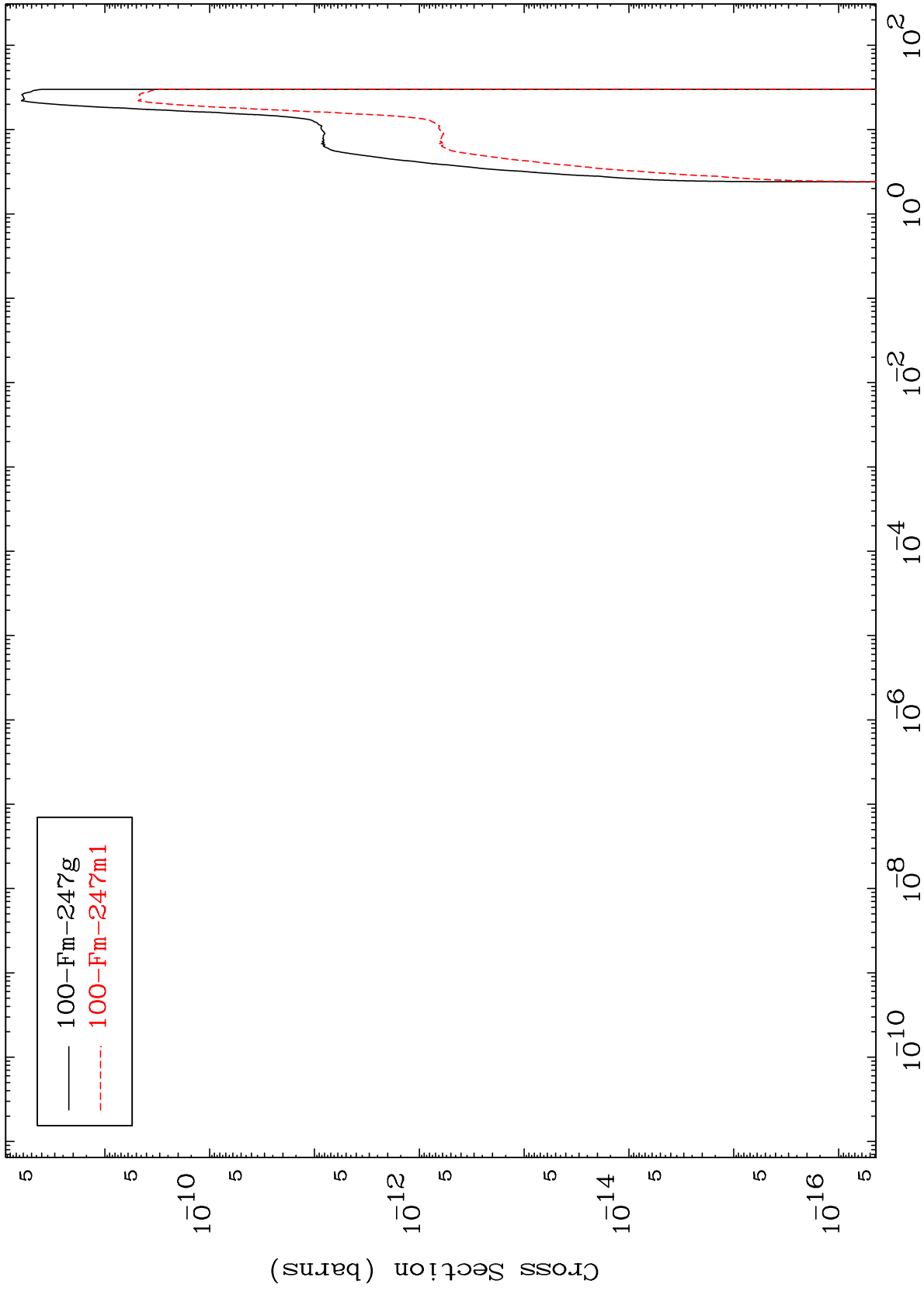
104-Rf-255

MAT 455

(n,n') 2 $\alpha$

104-Rf-255

Radionuclide Production Cross Section



27

Incident Energy (MeV)

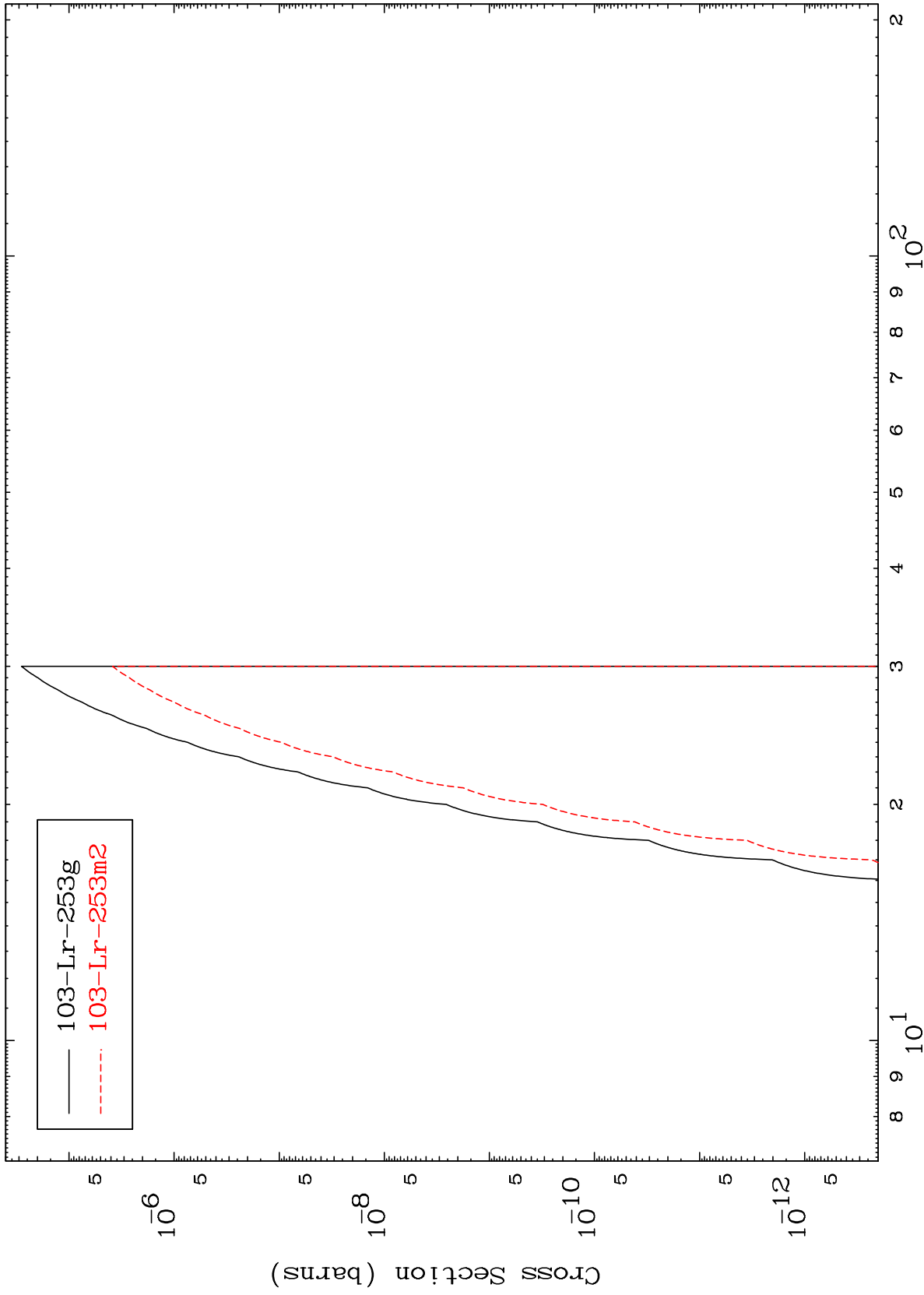
104-Rf-255

MAT 455

(n,n') d

104-Rf-255

Radionuclide Production Cross Section



28

Incident Energy (MeV)

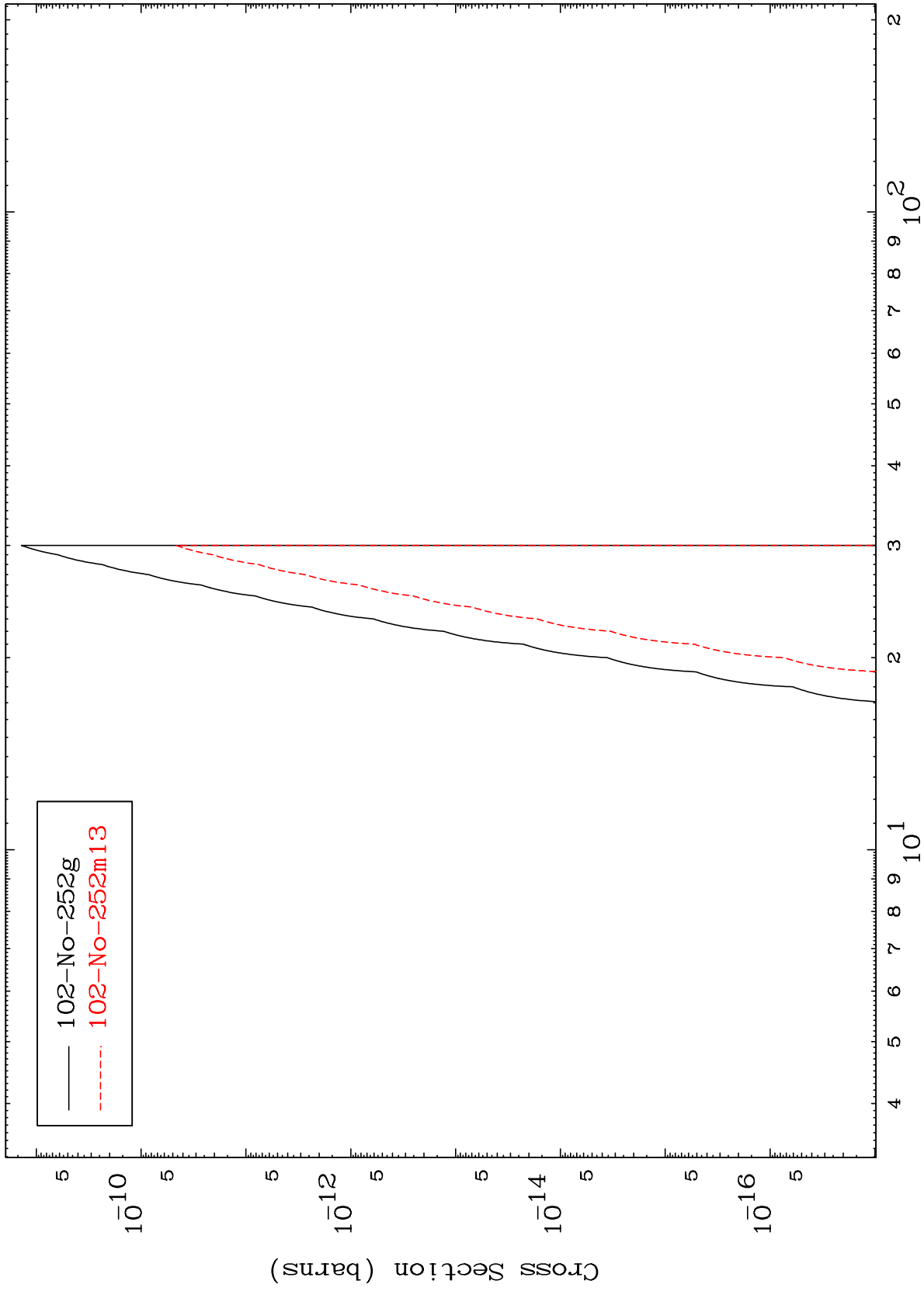
104-Rf-255

MAT 455

(n, n') He-3

104-Rf-255

Radionuclide Production Cross Section



29

Incident Energy (MeV)

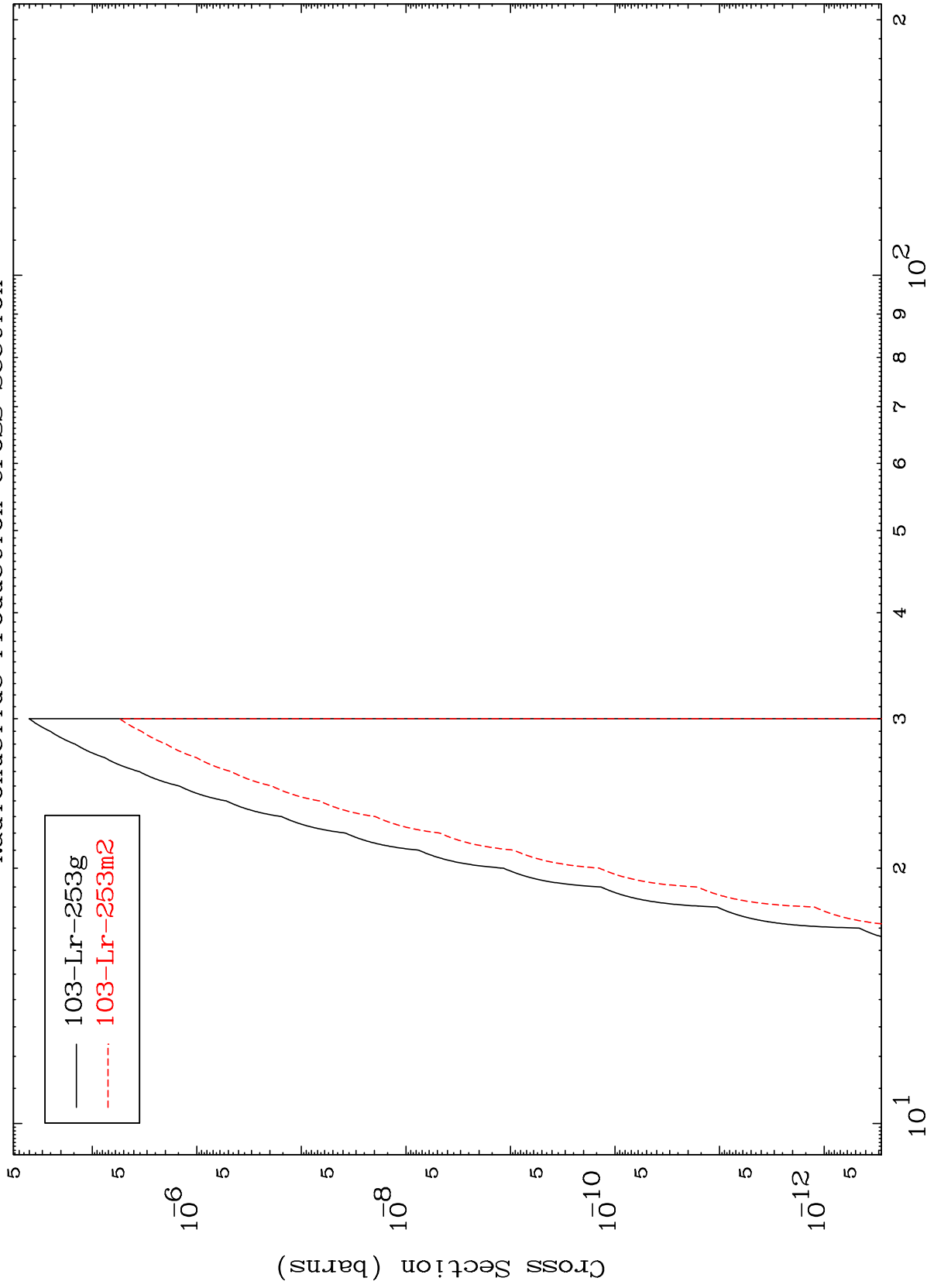
104-Rf-255

MAT 455

(n,2n) p

104-Rf-255

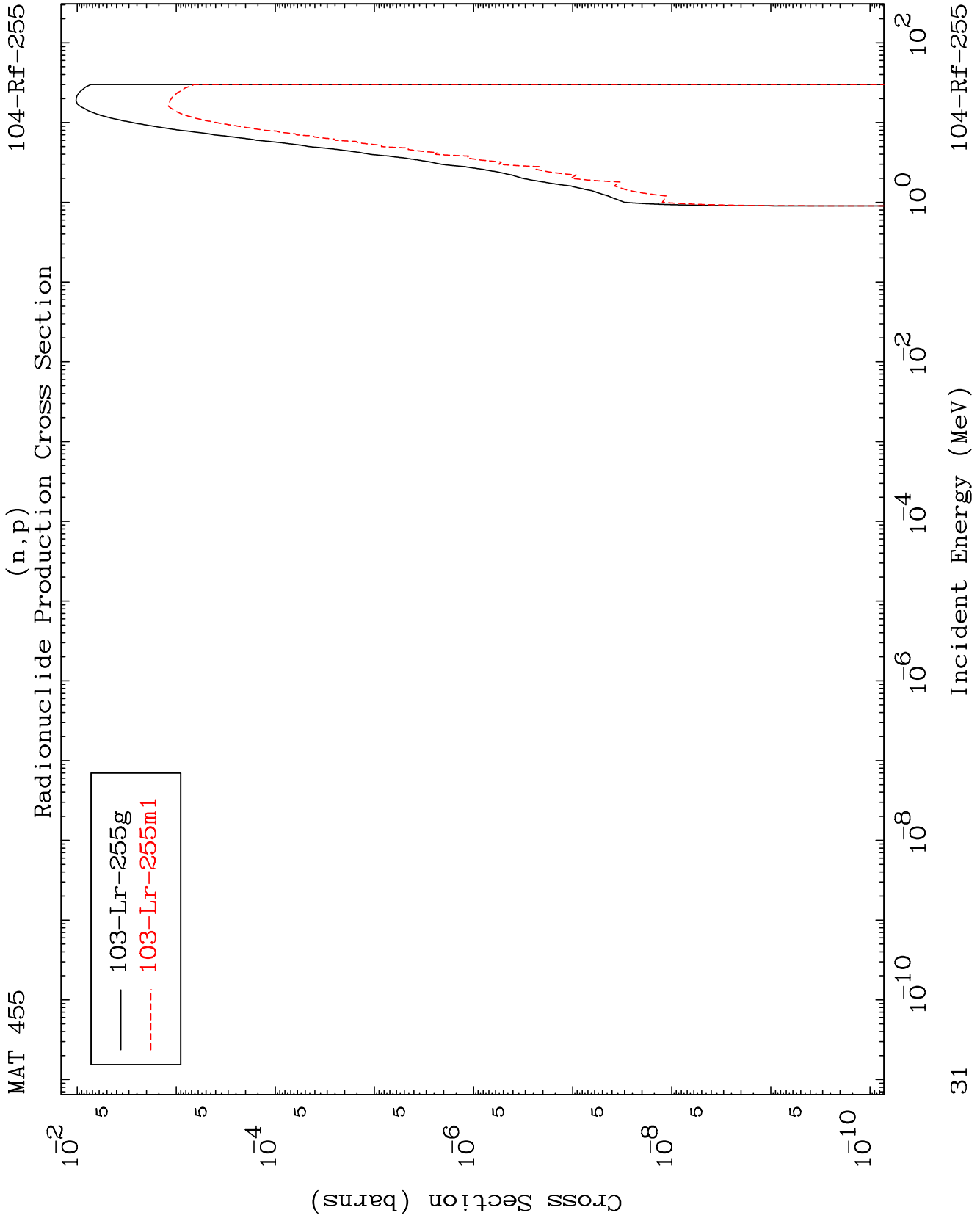
Radionuclide Production Cross Section



Incident Energy (MeV)

104-Rf-255

30

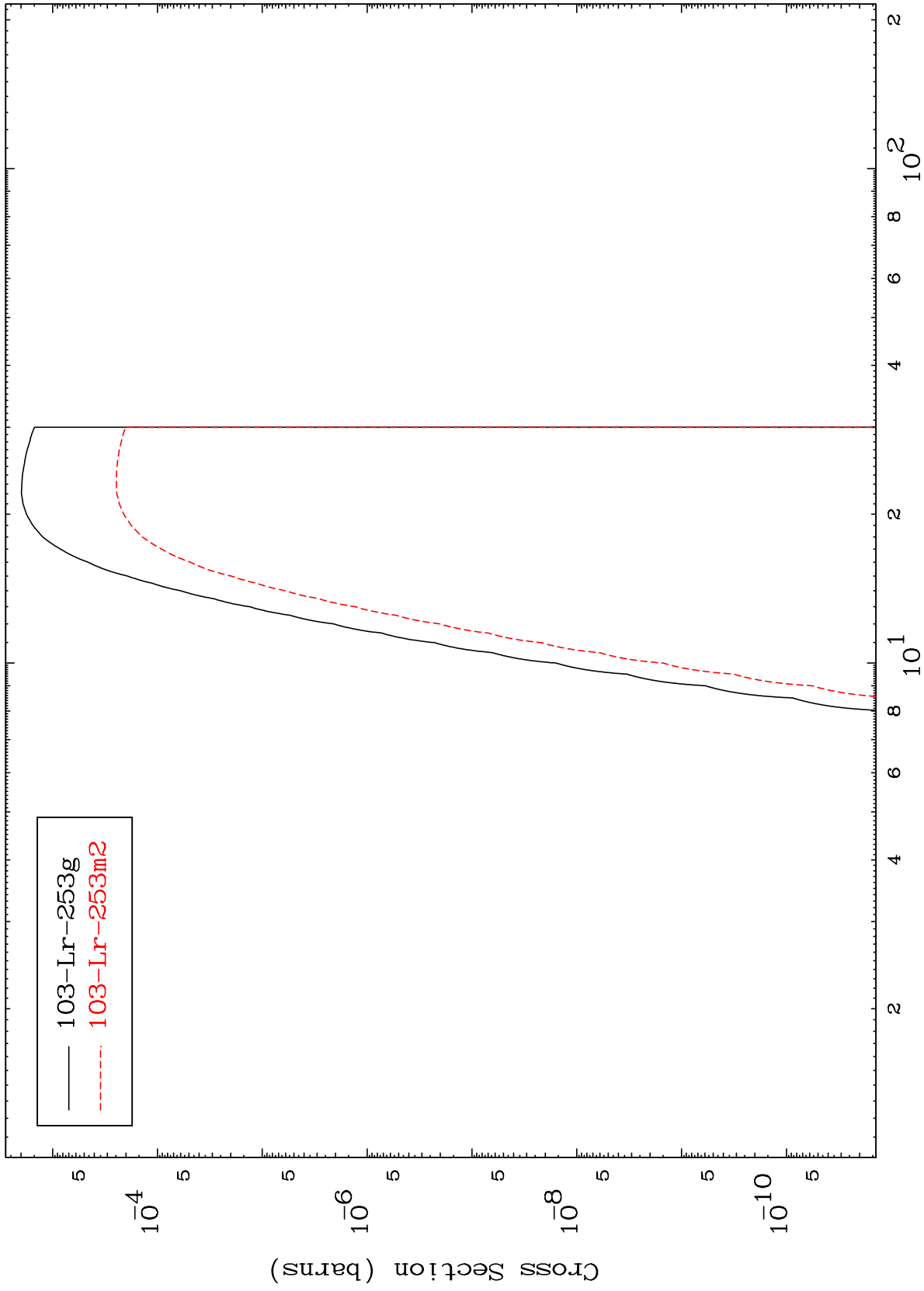




MAT 455

104-Rf-255

(n, t)  
Radionuclide Production Cross Section



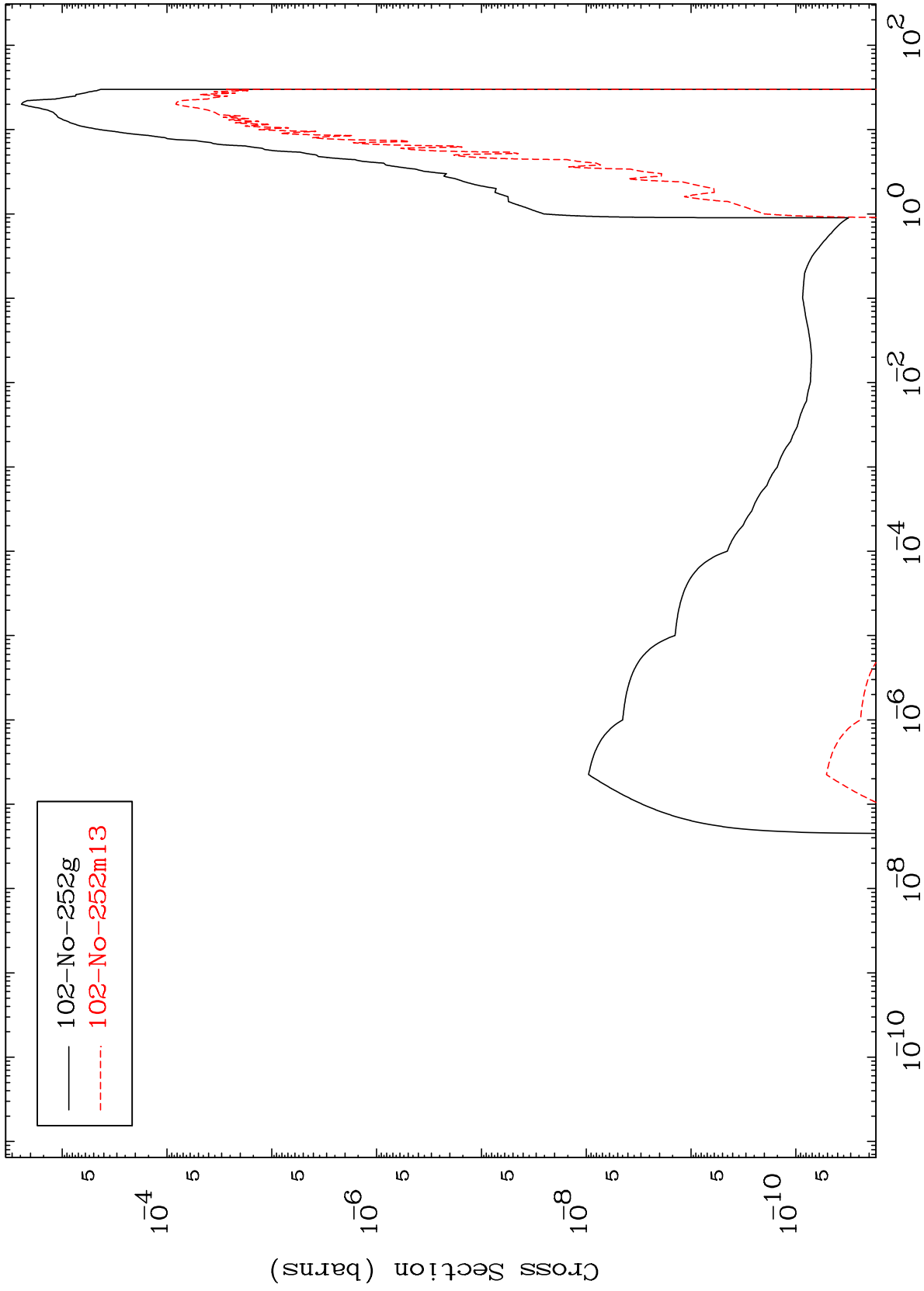
32

104-Rf-255

MAT 455

104-Rf-255

Radionuclide Production Cross Section  
(n,  $\alpha$ )

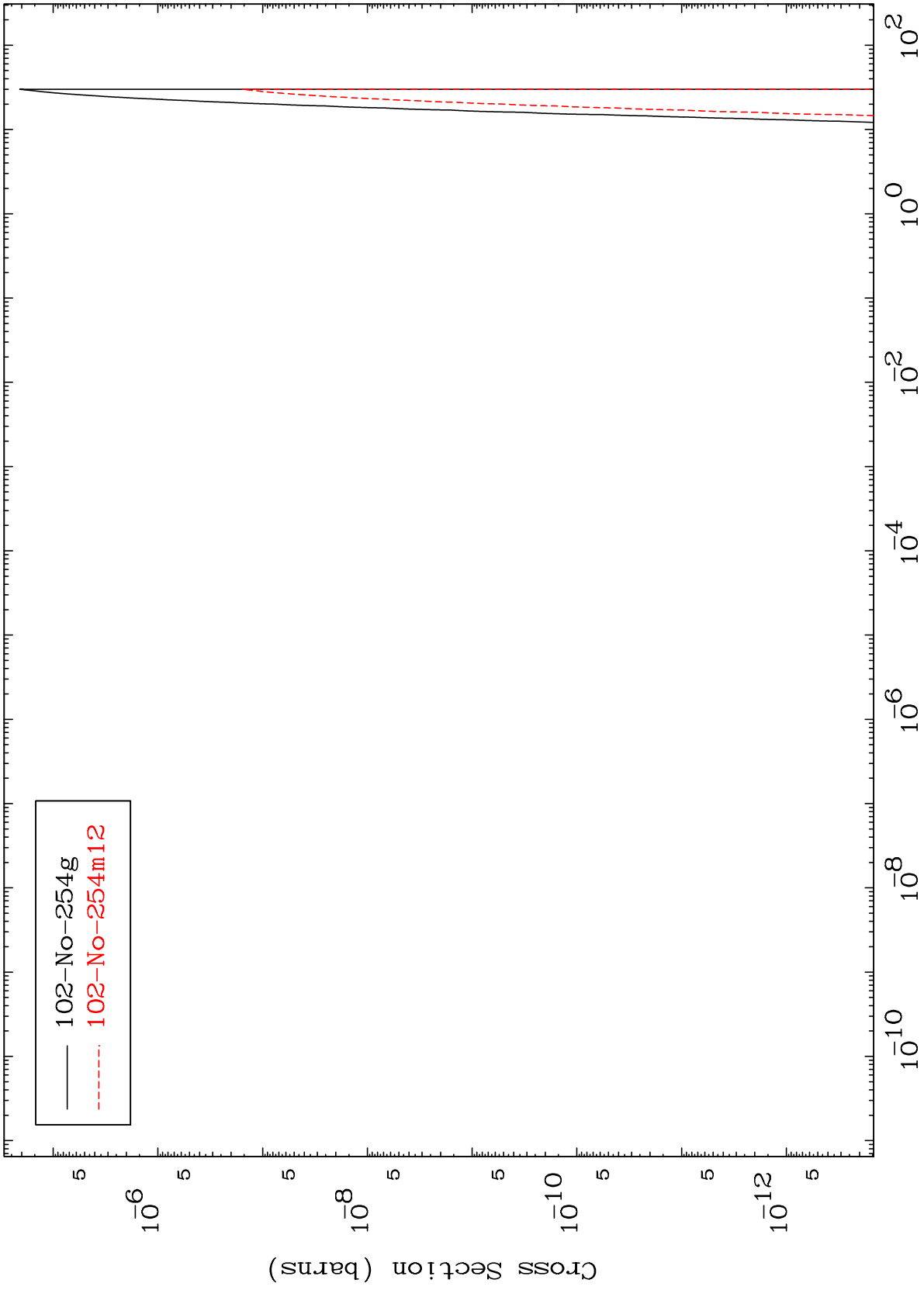


— 102-No-252g  
- - - 102-No-252m13

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Radionuclide Production Cross Section  
(n,2p)

104-Rf-255



34

Incident Energy (MeV)

104-Rf-255