

Program EVALPLOT
(Version 2021-1)

by

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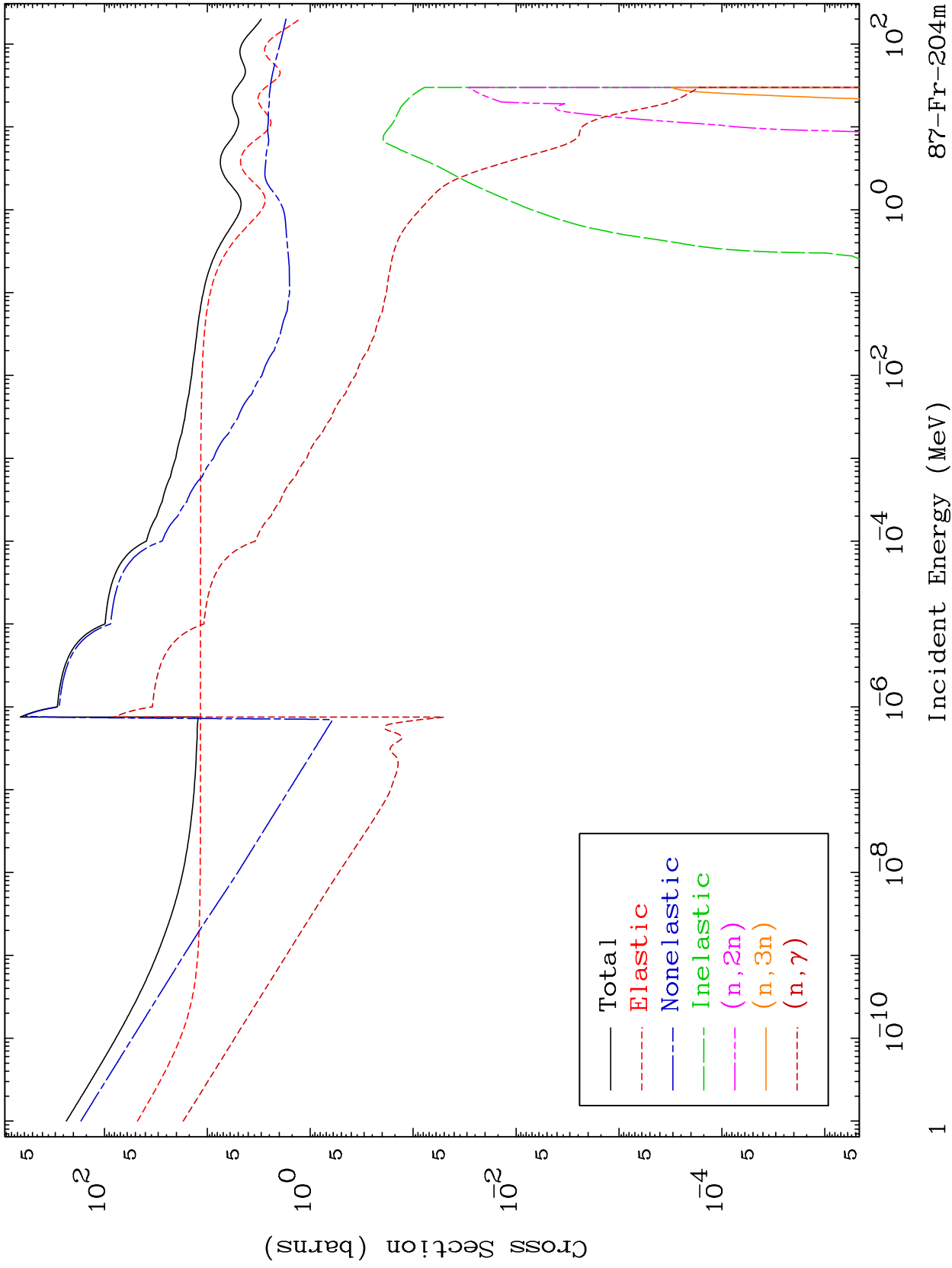
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8702

Neutron Major
293 Kelvin Cross Sections

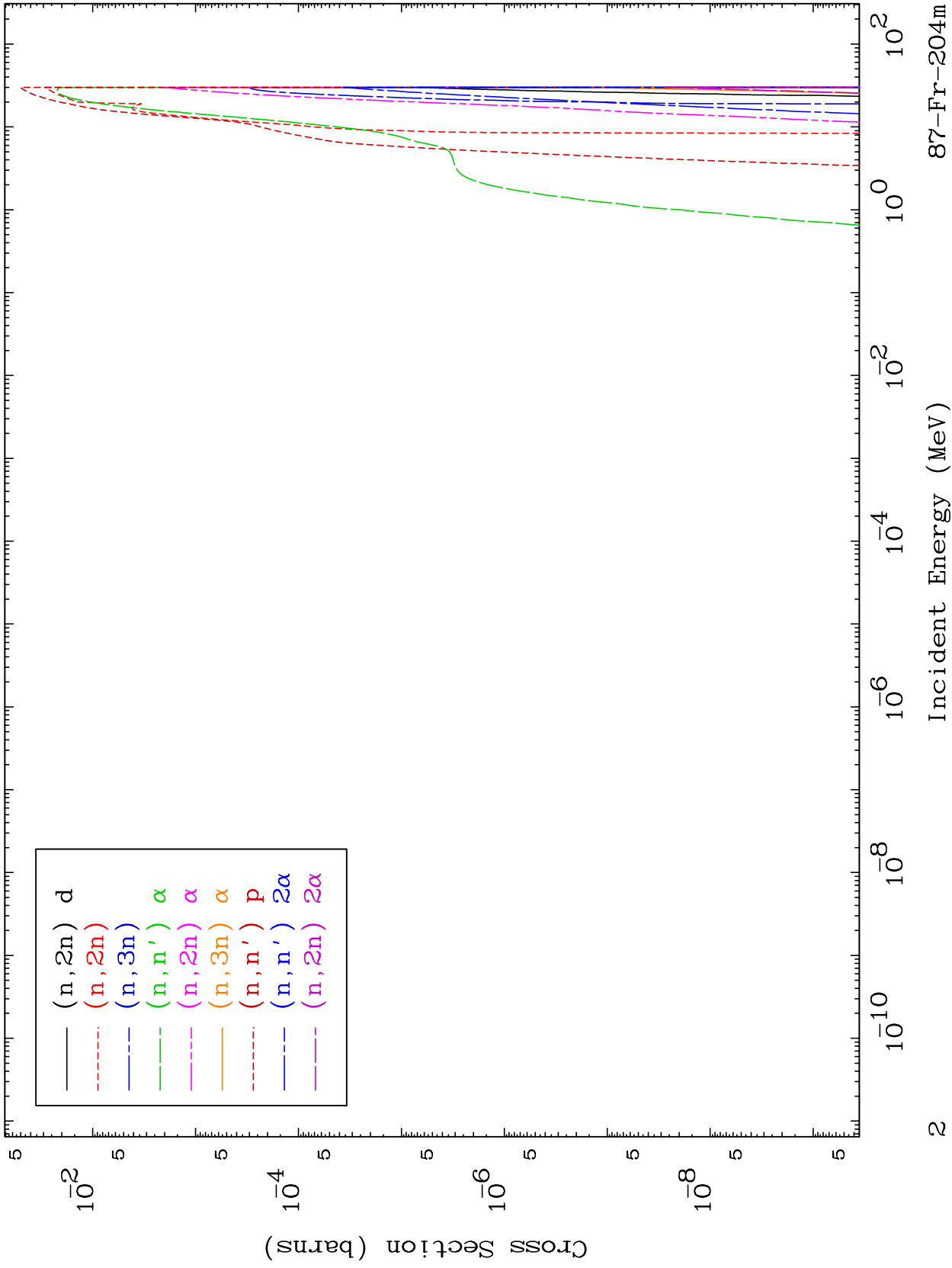
87-Fr-204m



MAT 8702

Neutron Absorption
293 Kelvin Cross Sections

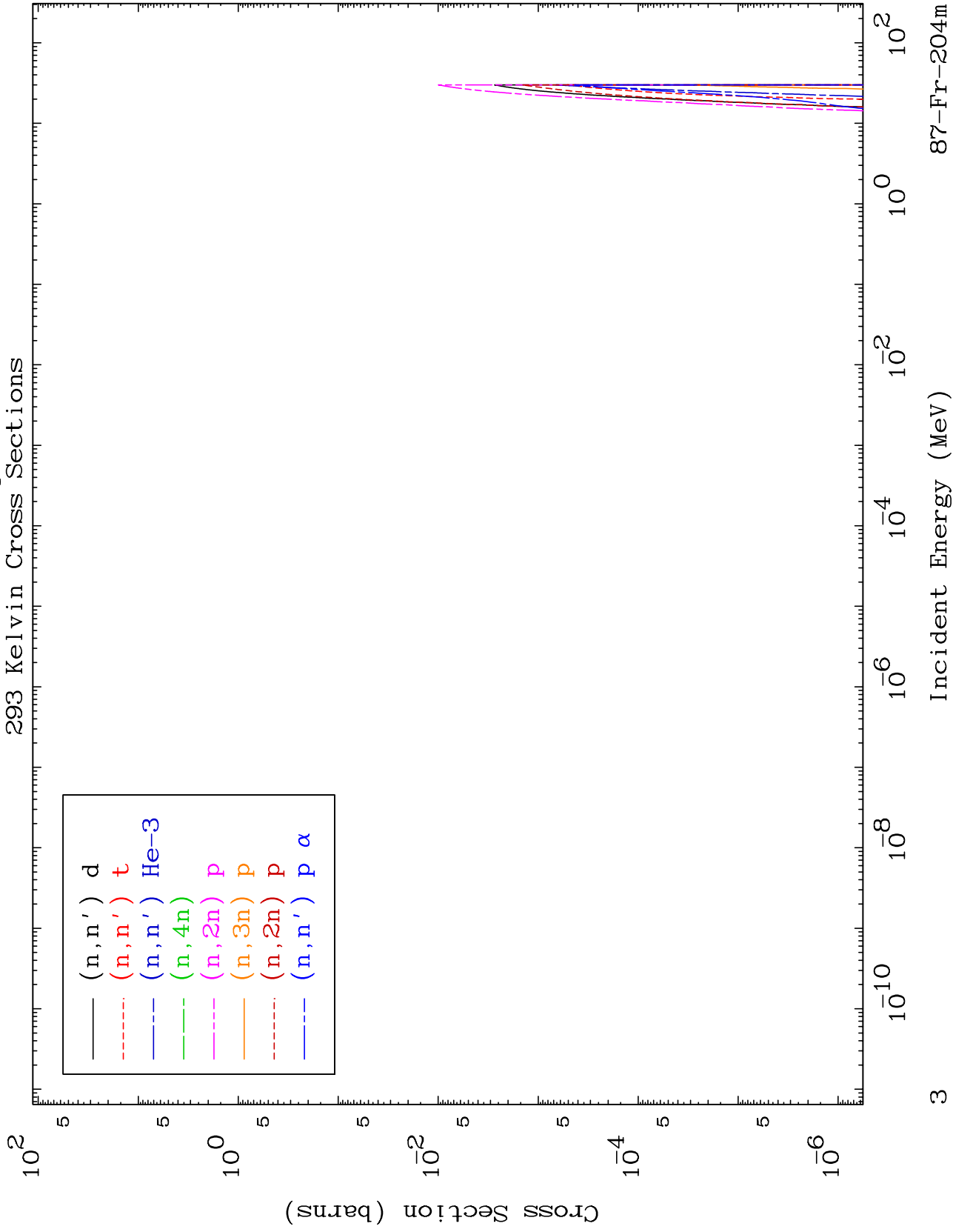
87-Fr-204m



MAT 8702

Neutron Absorption
293 Kelvin Cross Sections

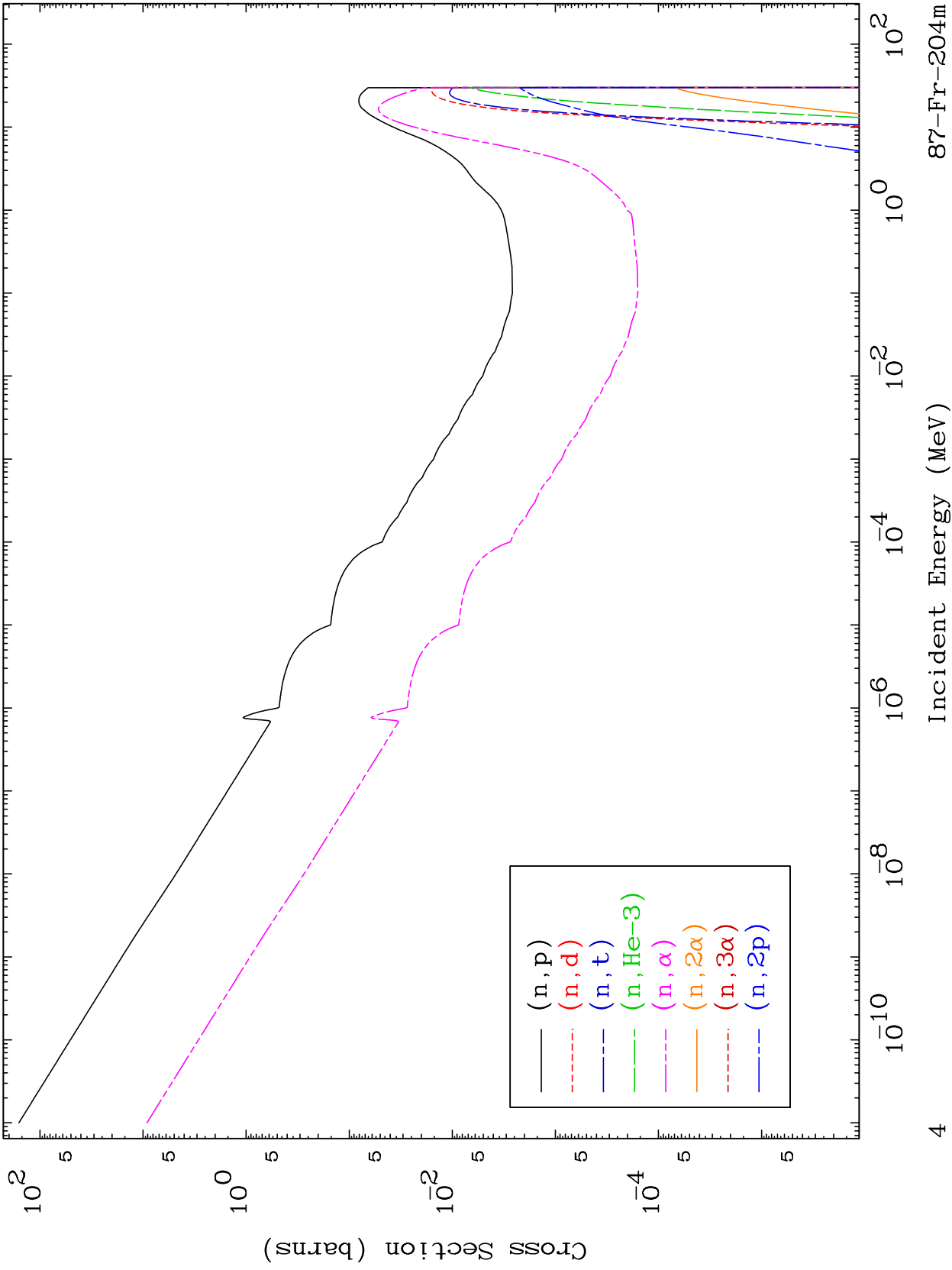
87-Fr-204m



MAT 8702

Neutron Absorption
293 Kelvin Cross Sections

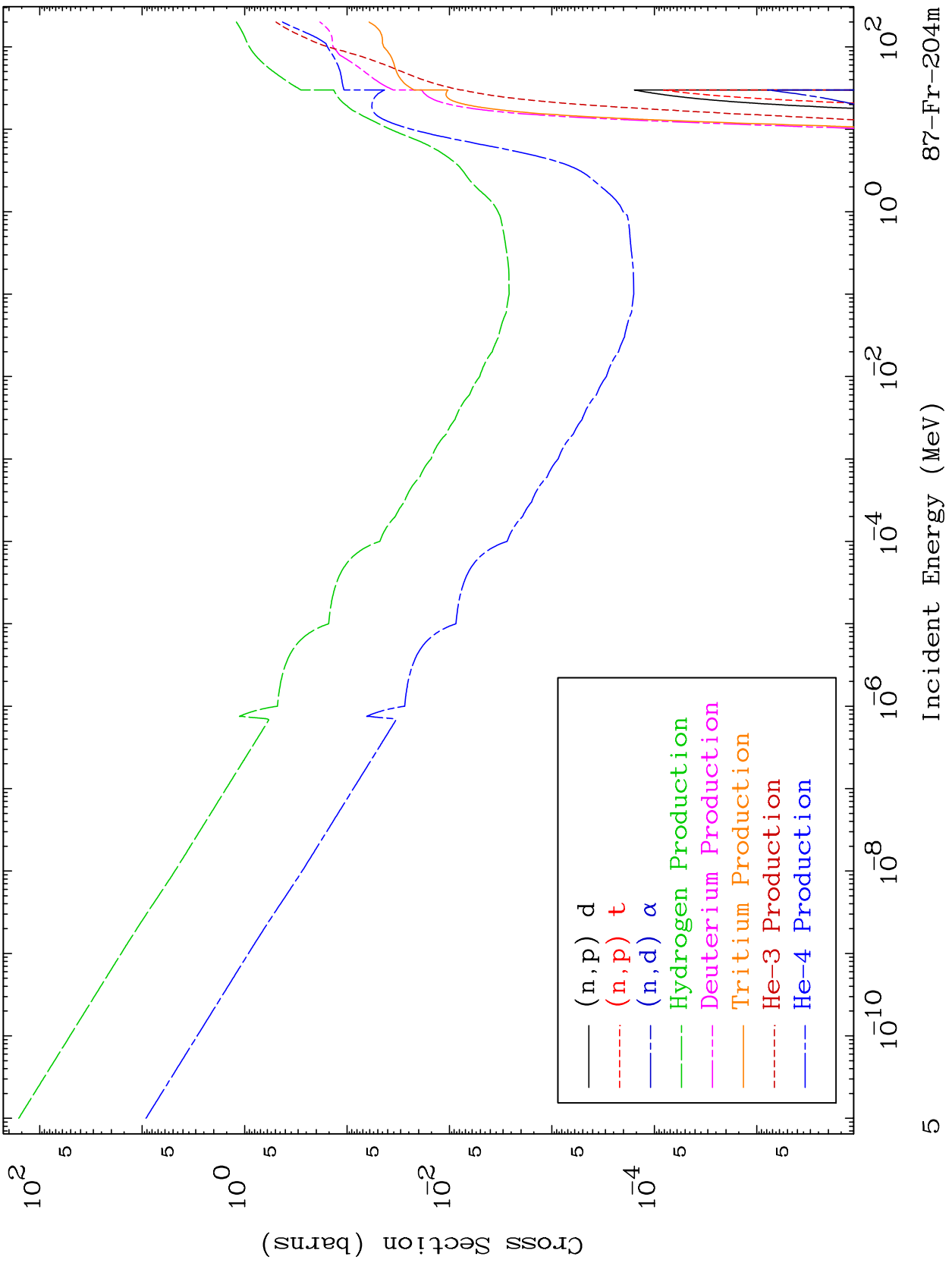
87-Fr-204m



MAT 8702

Neutron Absorption
293 Kelvin Cross Sections

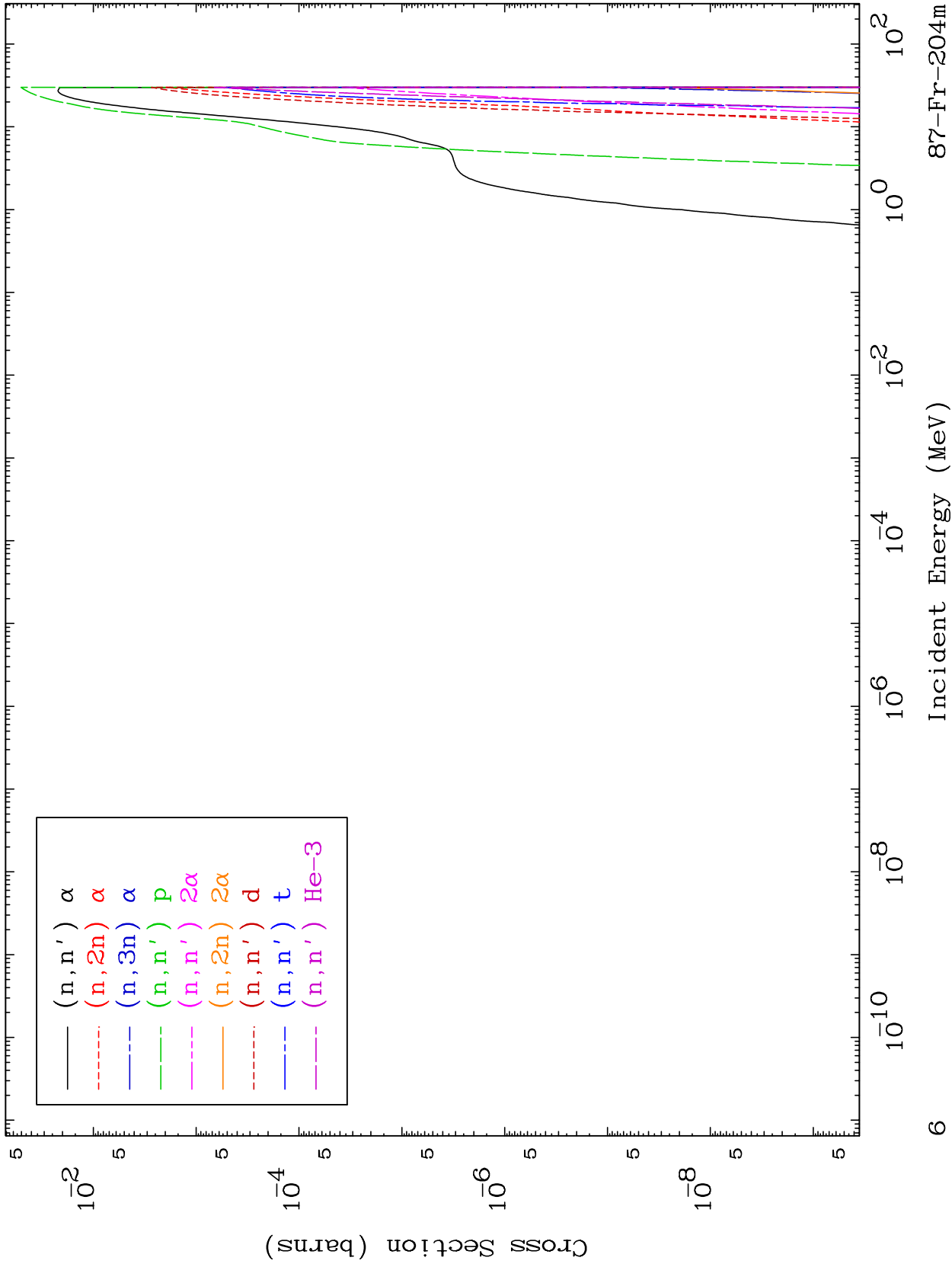
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MAT 8702

Charged Particle
293 Kelvin Cross Sections

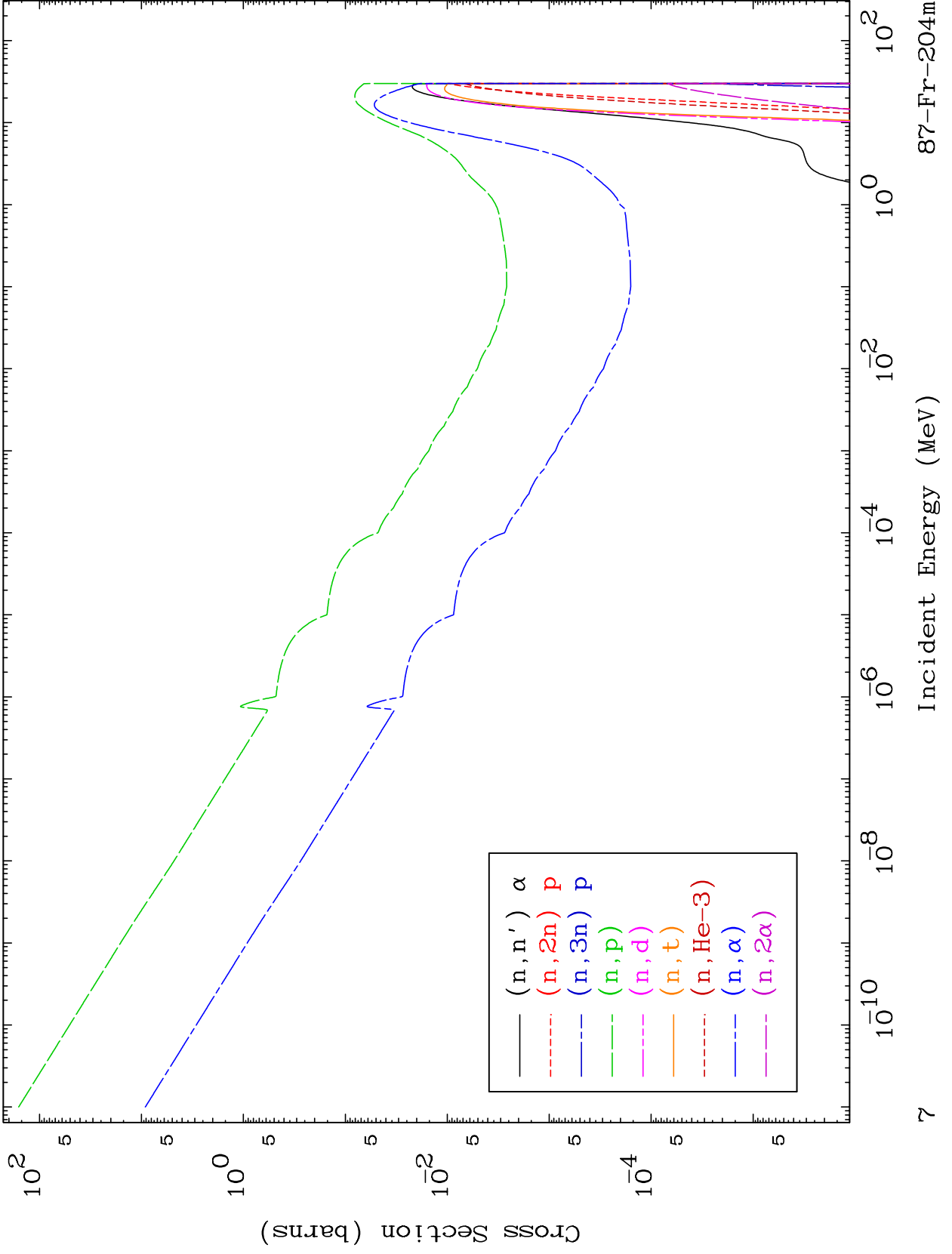
87-Fr-204m



MAT 8702

Charged Particle
293 Kelvin Cross Sections

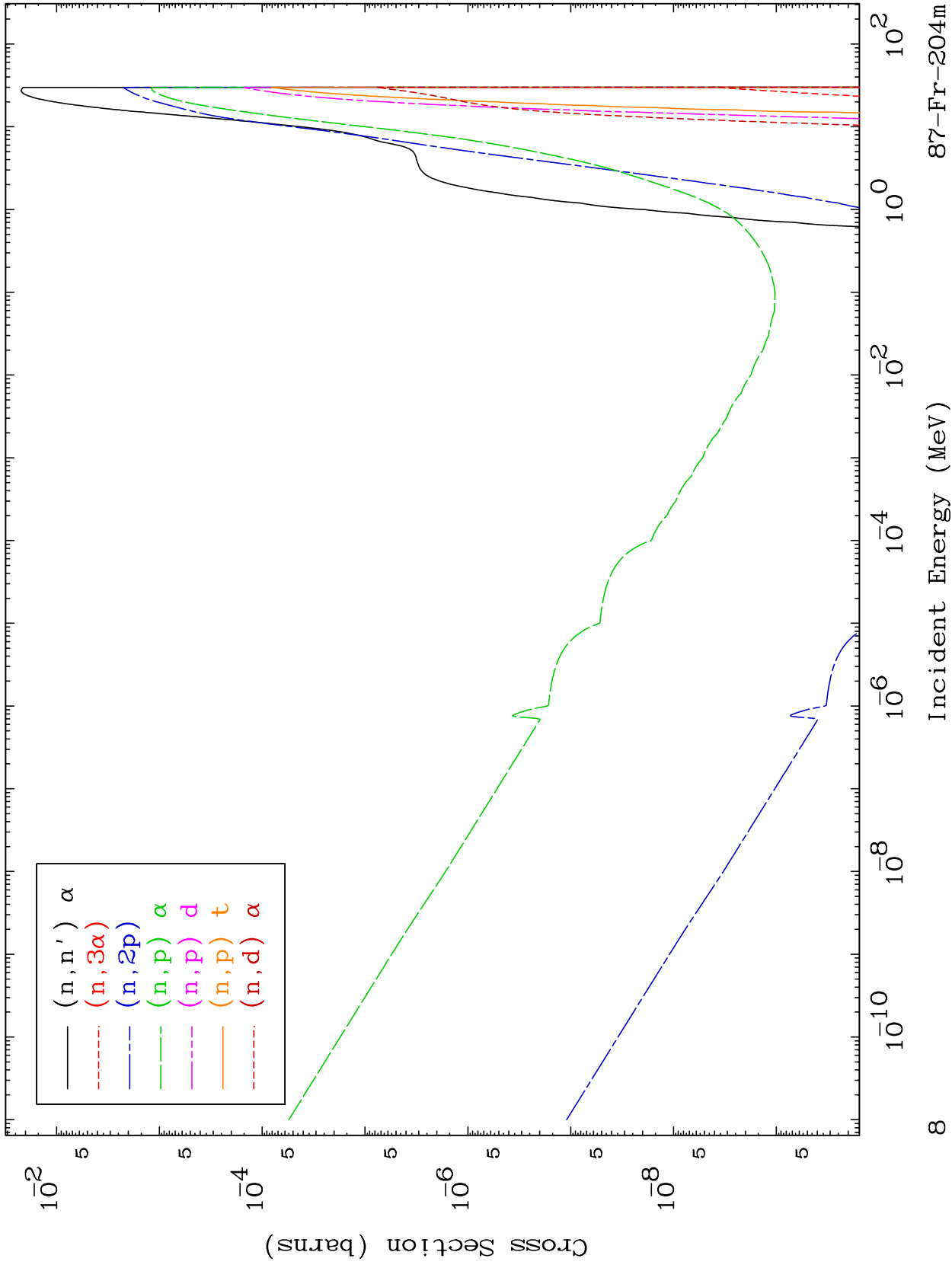
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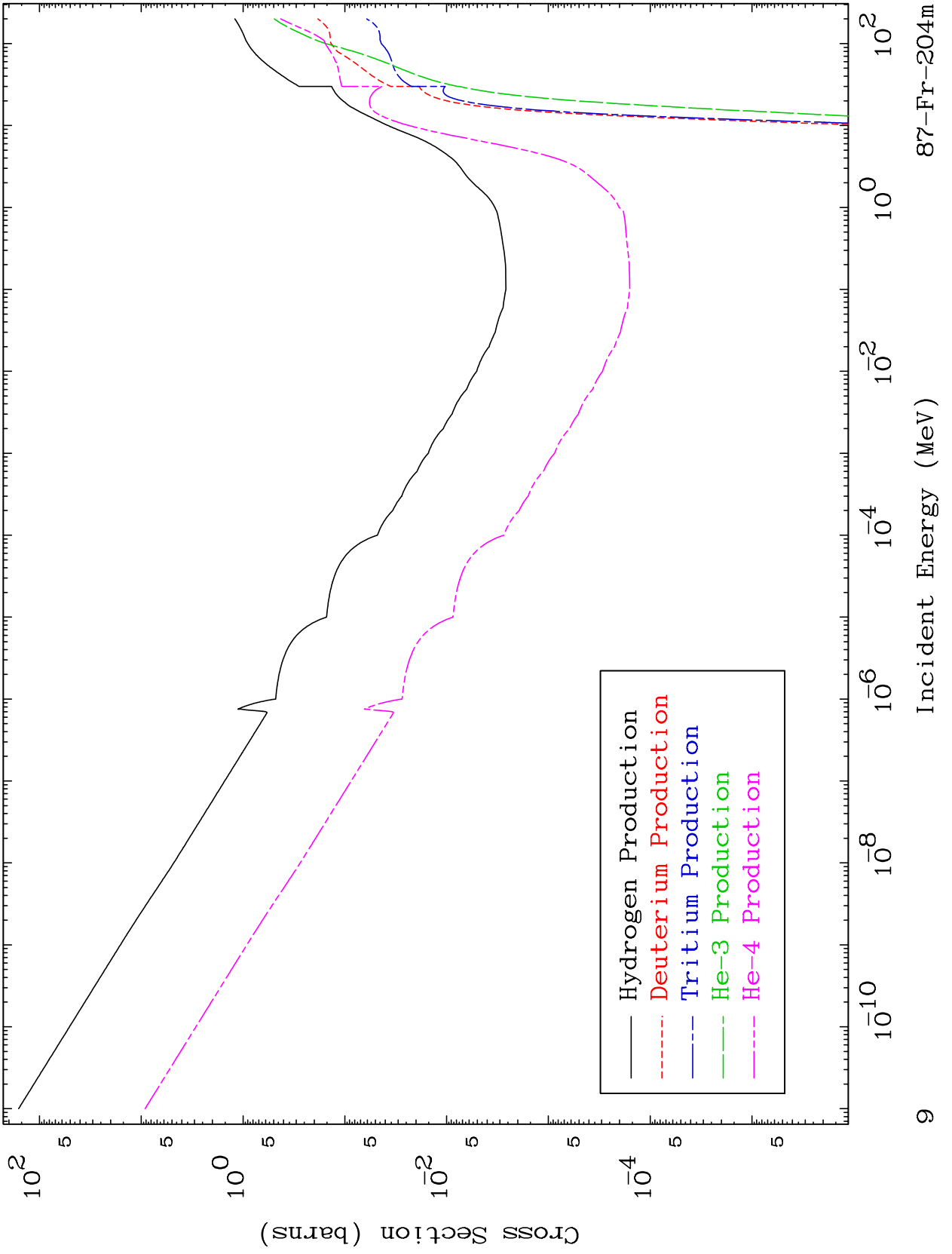


MAT 8702

Charged Particle
293 Kelvin Cross Sections

87-Fr-204m

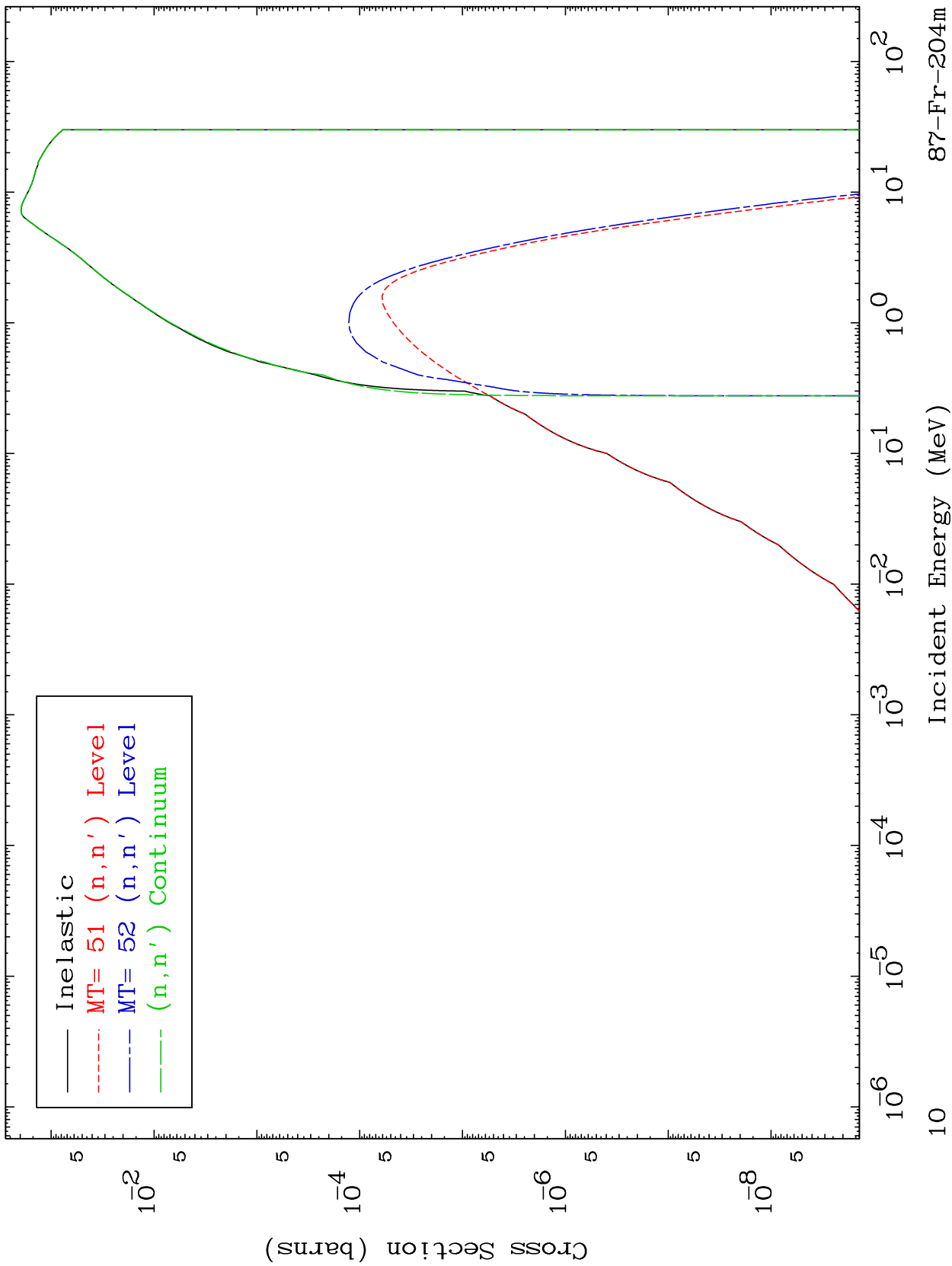




MAT 8702

(n,n') Levels
293 Kelvin Cross Sections

87-Fr-204m



Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- · - MT= 52 (n,n') Level
- - - (n,n') Continuum

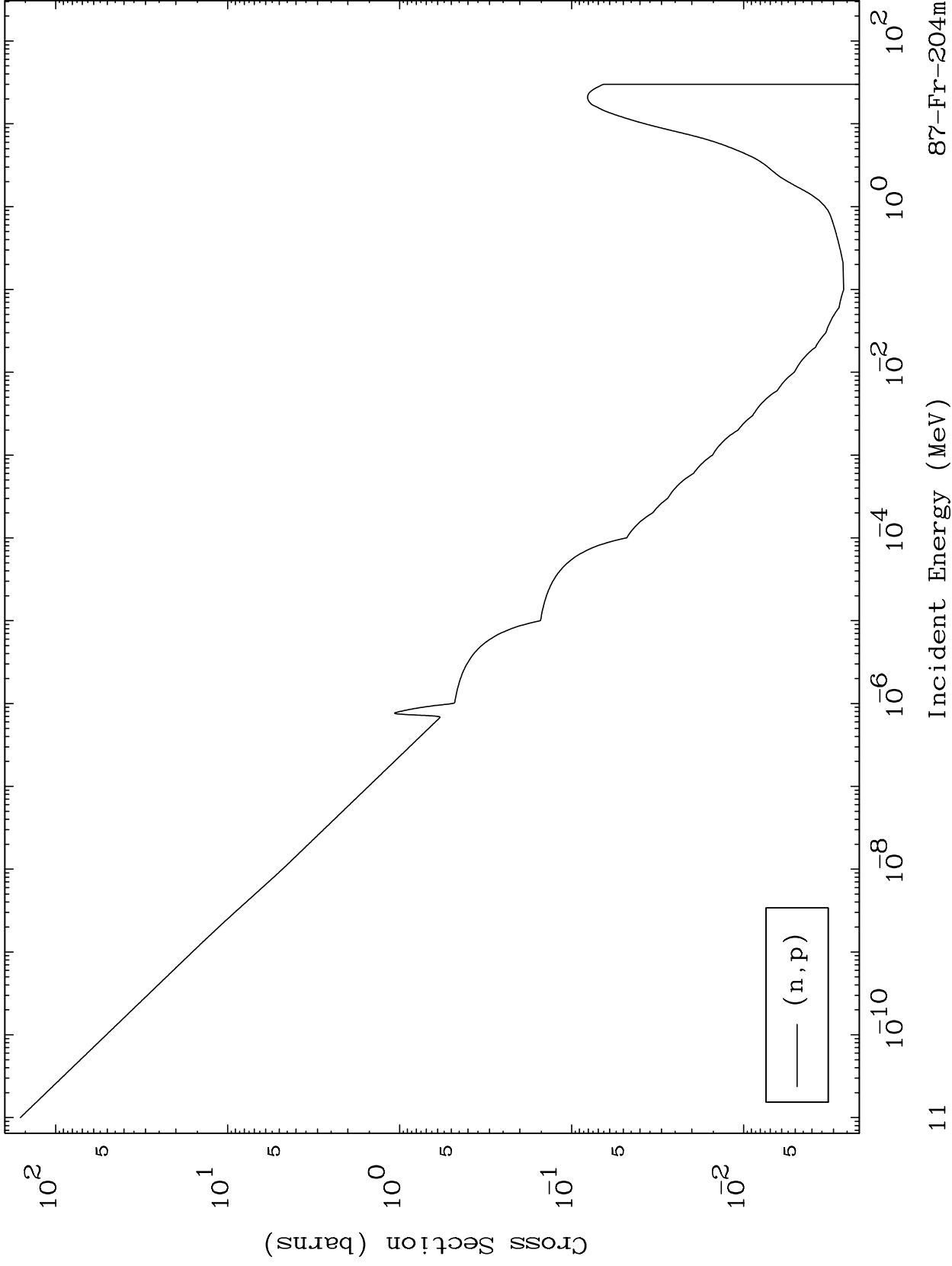
87-Fr-204m

Incident Energy (MeV)

MAT 8702

(n,p) Levels
293 Kelvin Cross Sections

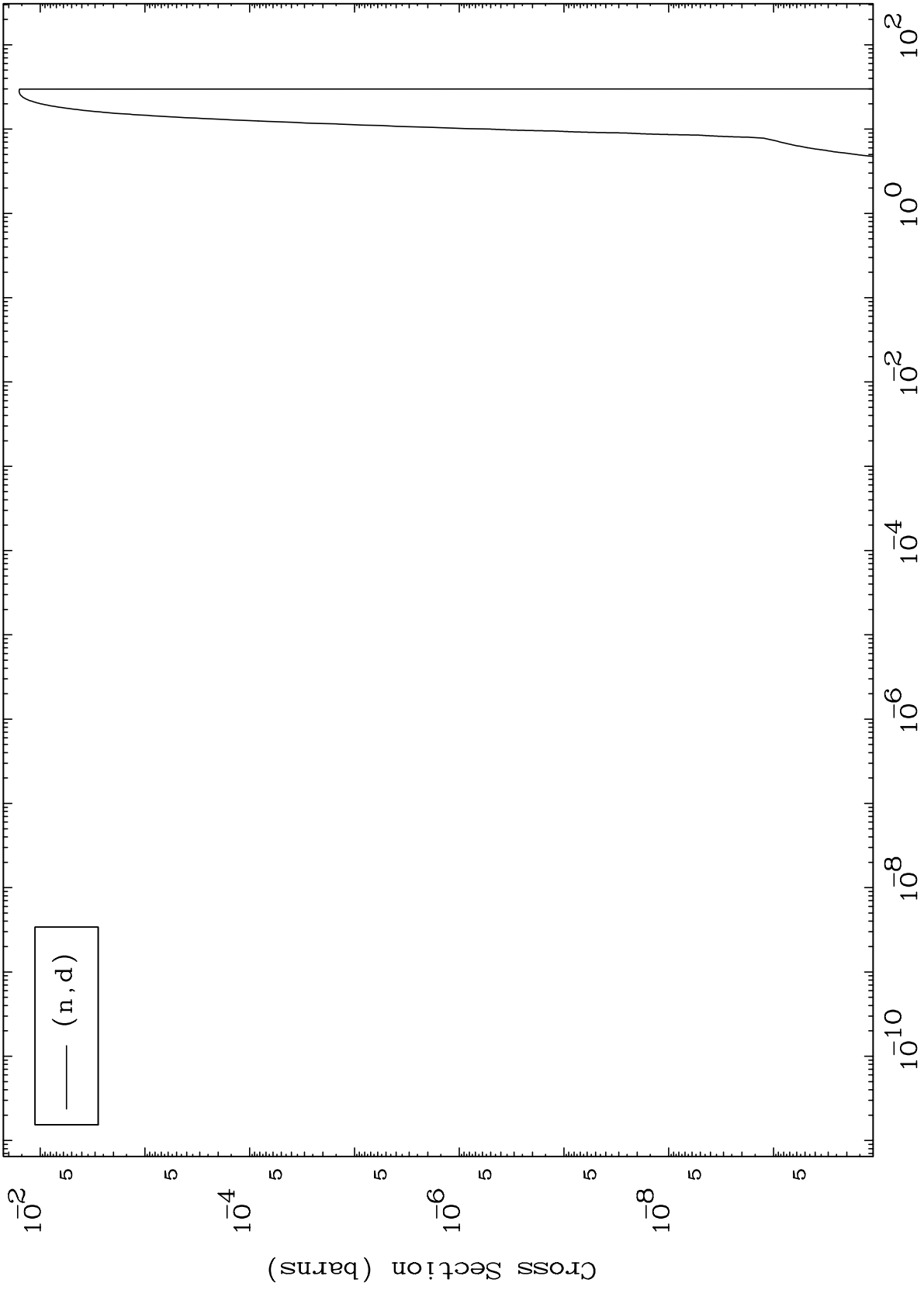
87-Fr-204m



MAT 8702

(n,d) Levels
293 Kelvin Cross Sections

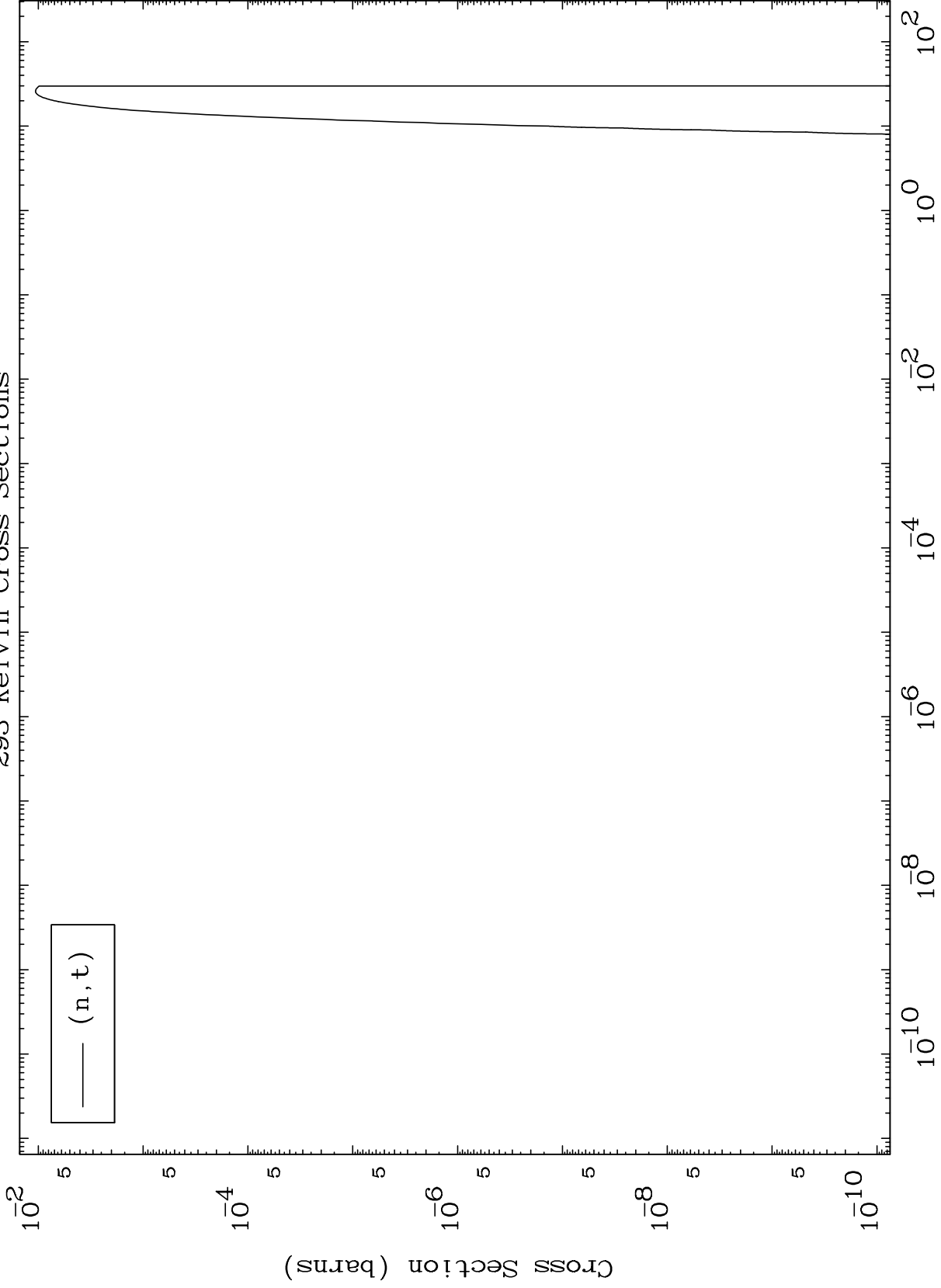
87-Fr-204m



MAT 8702

(n,t) Levels
293 Kelvin Cross Sections

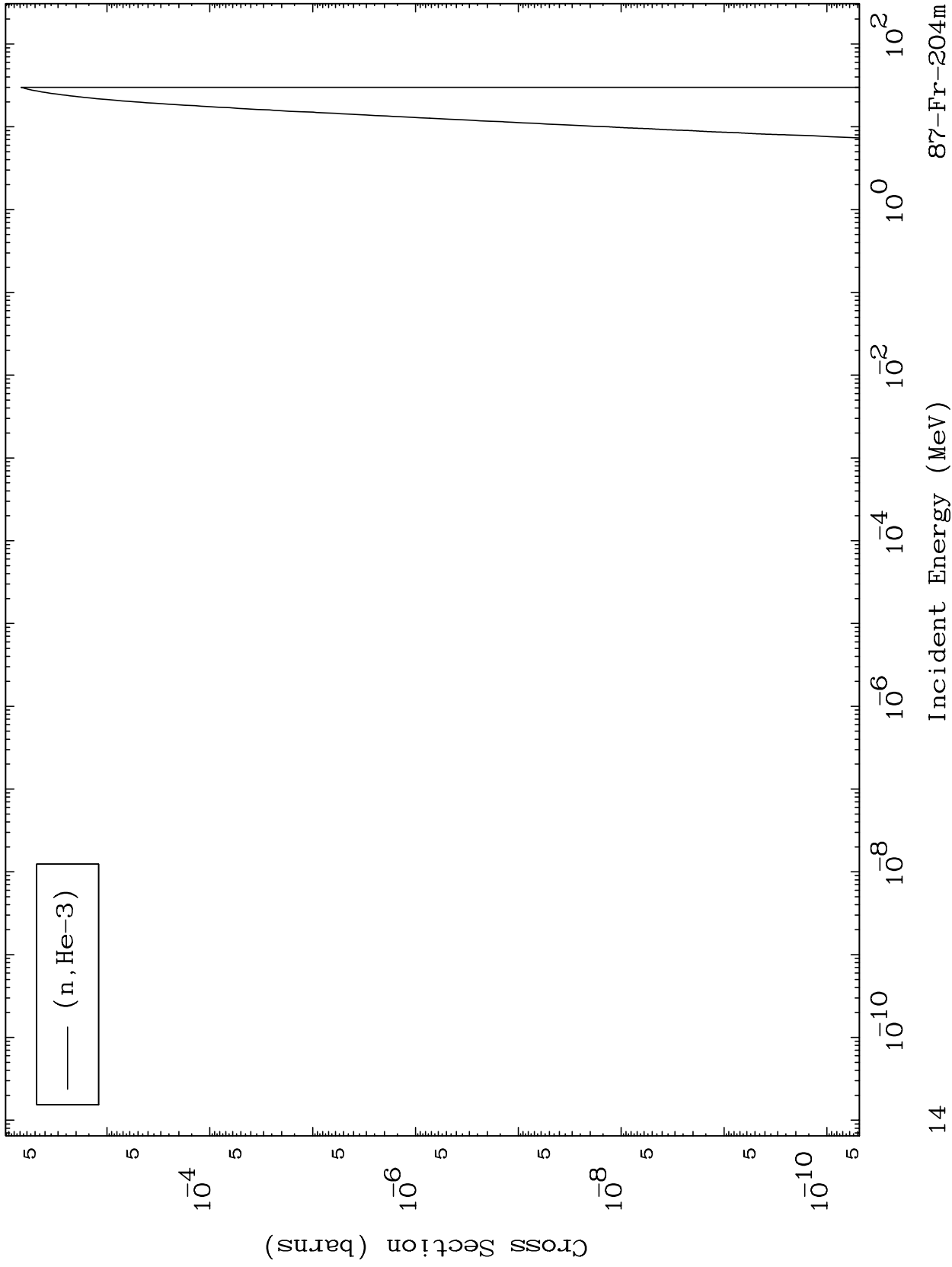
87-Fr-204m



MAT 8702

(n,He3) Levels
293 Kelvin Cross Sections

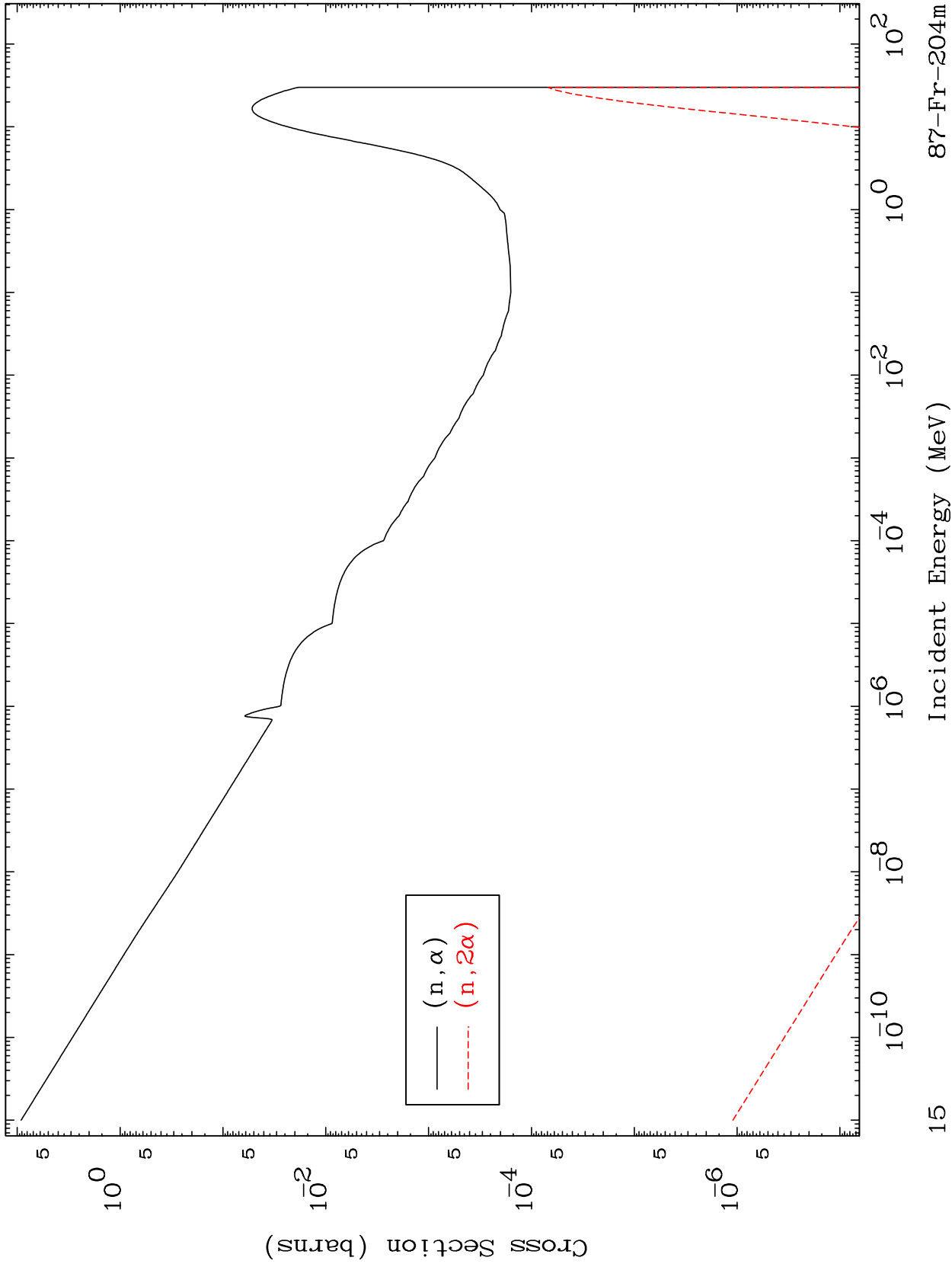
87-Fr-204m



MAT 8702

(n, α) Levels
293 Kelvin Cross Sections

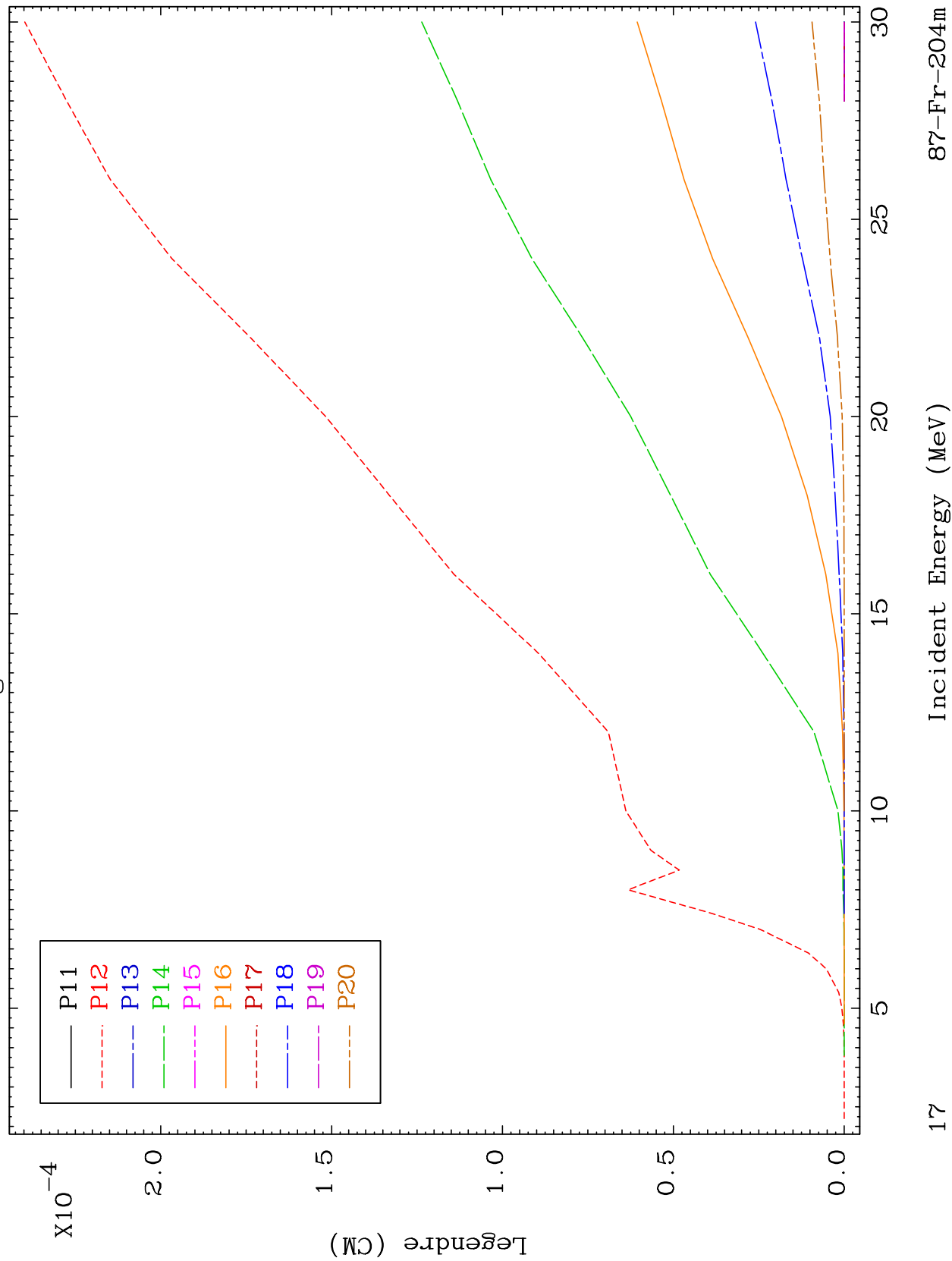
87-Fr-204m



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Elastic Legendre Coefficients

87-Fr-204m



17

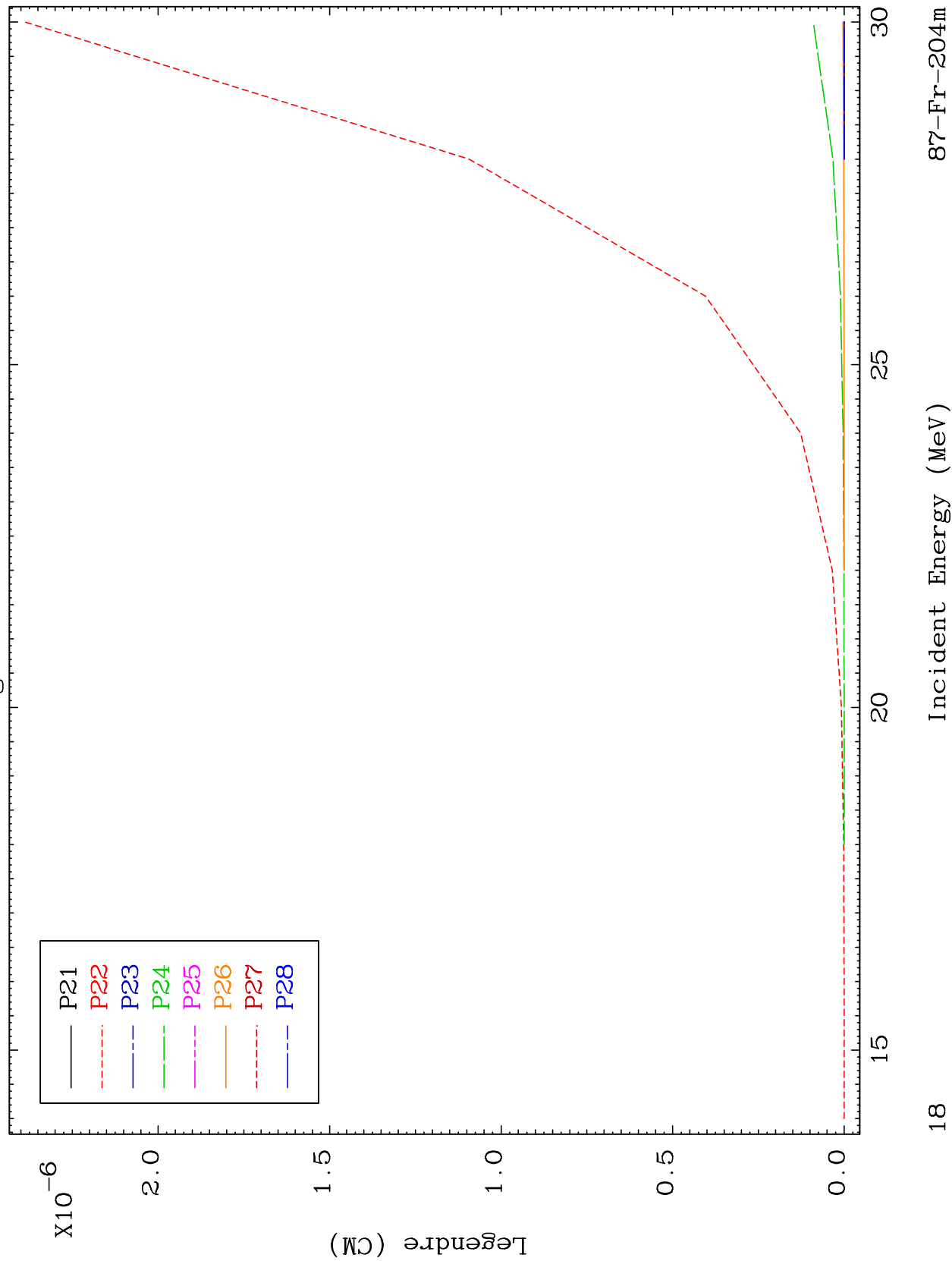
87-Fr-204m

Incident Energy (MeV)

MAT 8702

Elastic Legendre Coefficients

87-Fr-204m



18

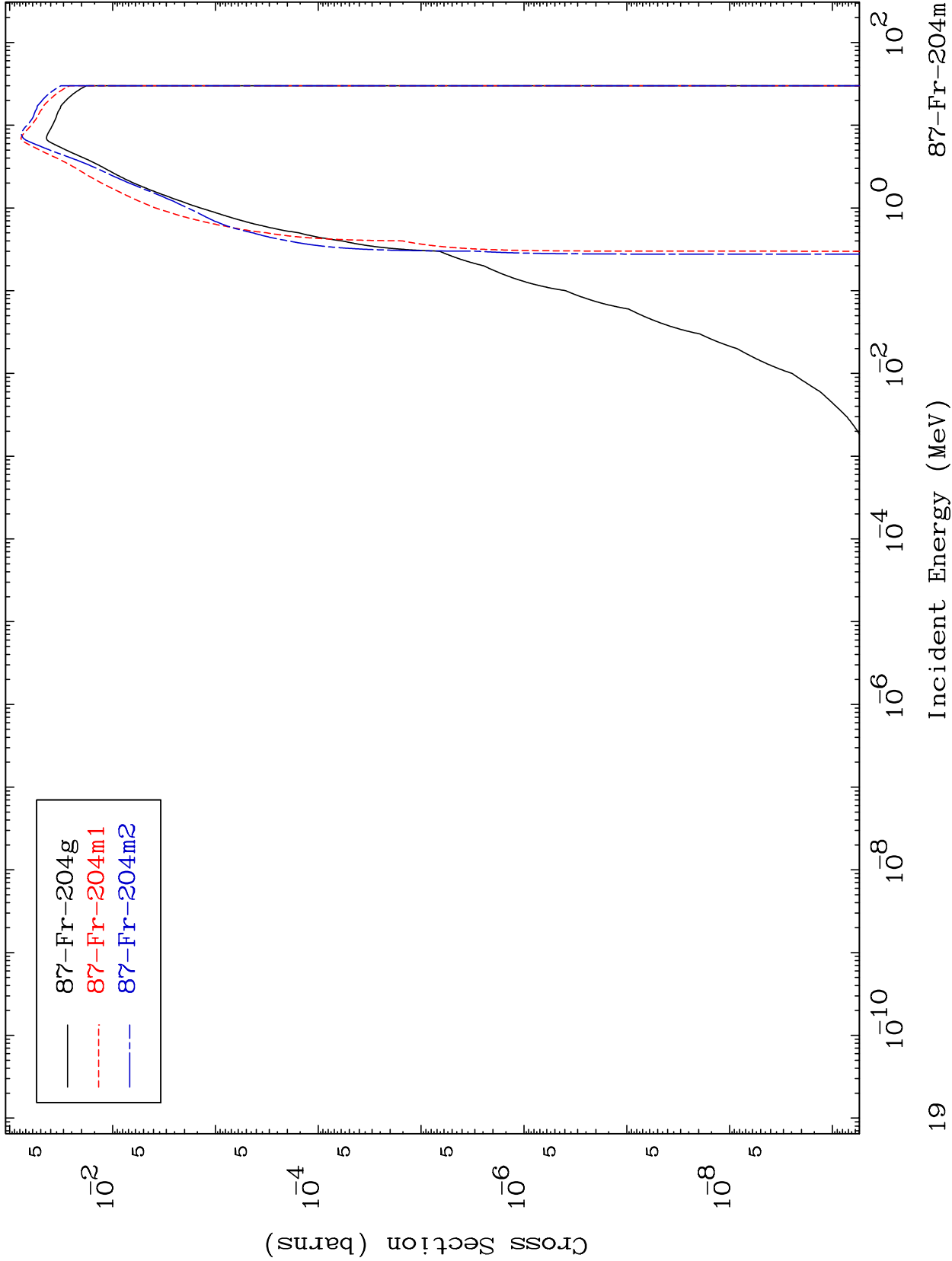
Incident Energy (MeV)

87-Fr-204m

MAT 8702

Inelastic
Radionuclide Production Cross Section

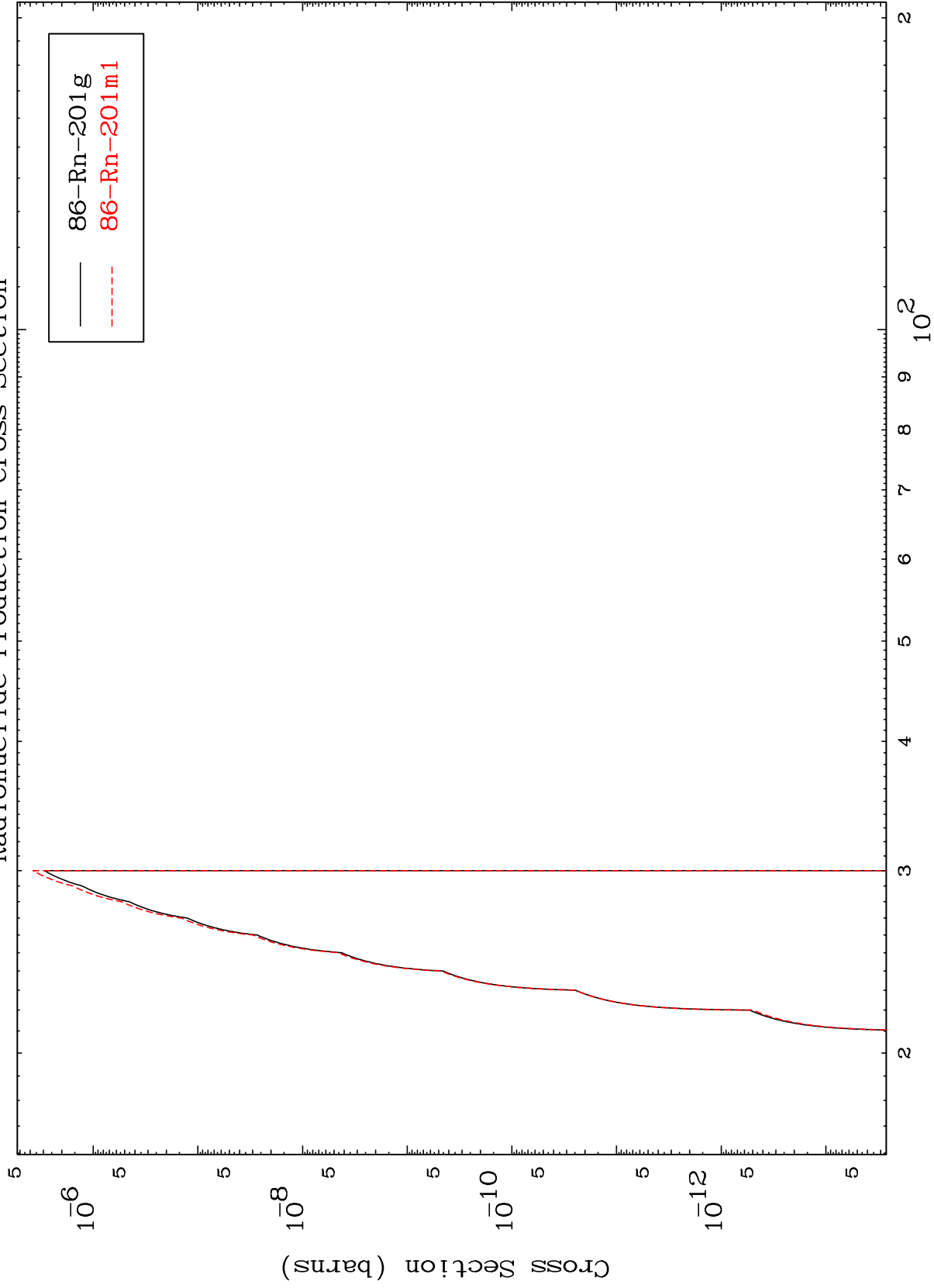
87-Fr-204m



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87-Fr-204m

(n,2n) d
Radionuclide Production Cross Section



20

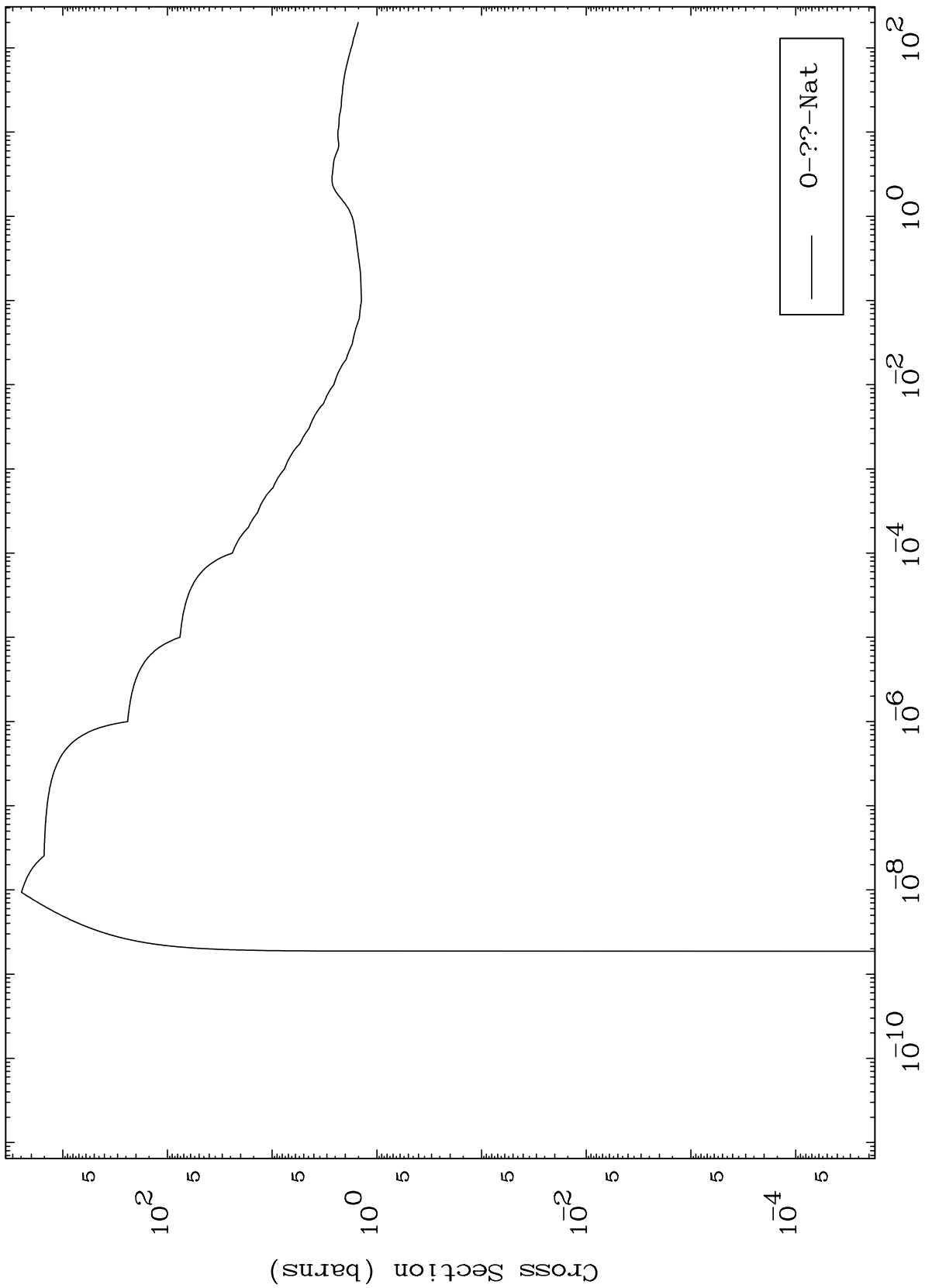
Incident Energy (MeV)

87-Fr-204m

MAT 8702

87-Fr-204m

Fission
Radionuclide Production Cross Section

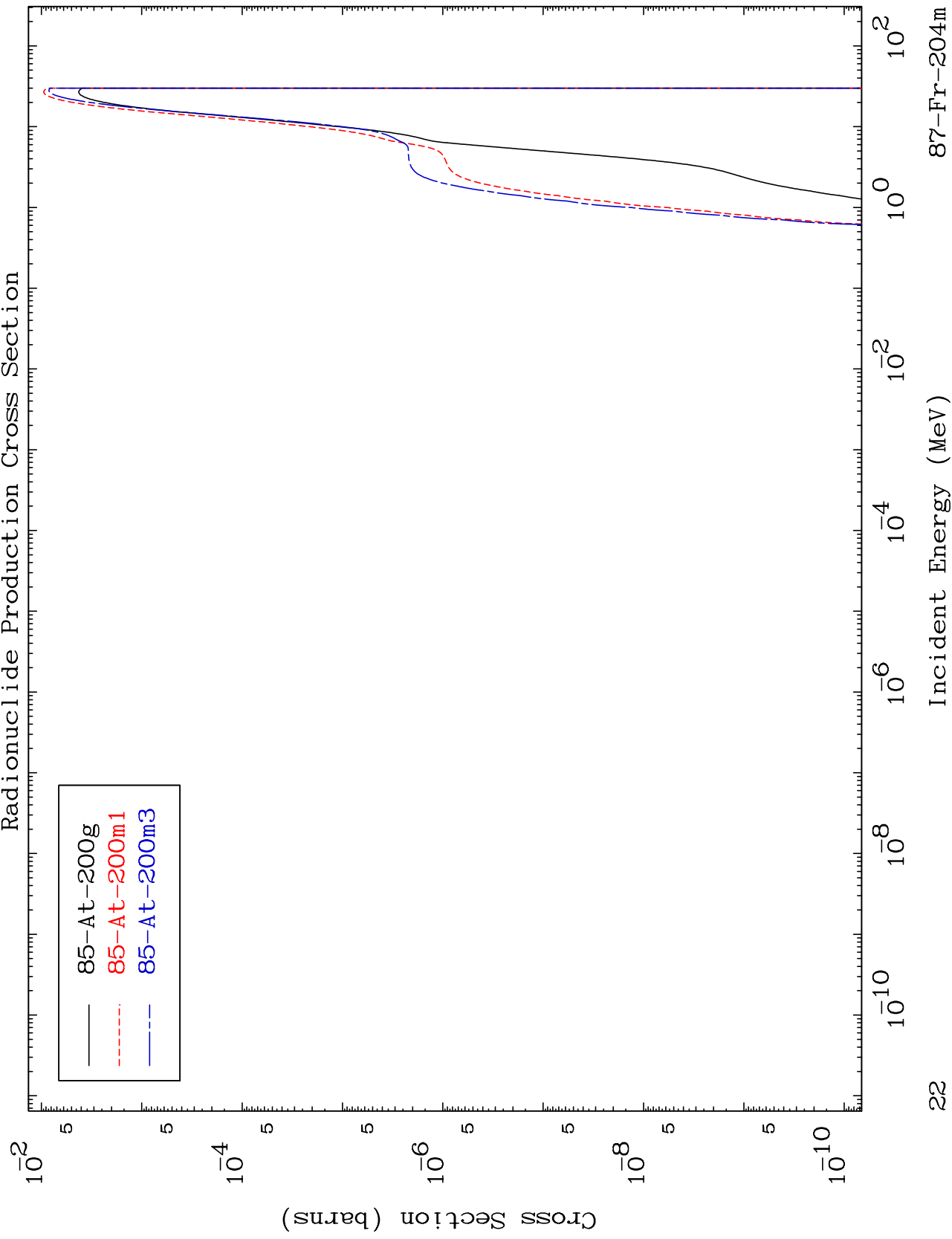


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$(n, n') \alpha$

87-Fr-204m

Radionuclide Production Cross Section

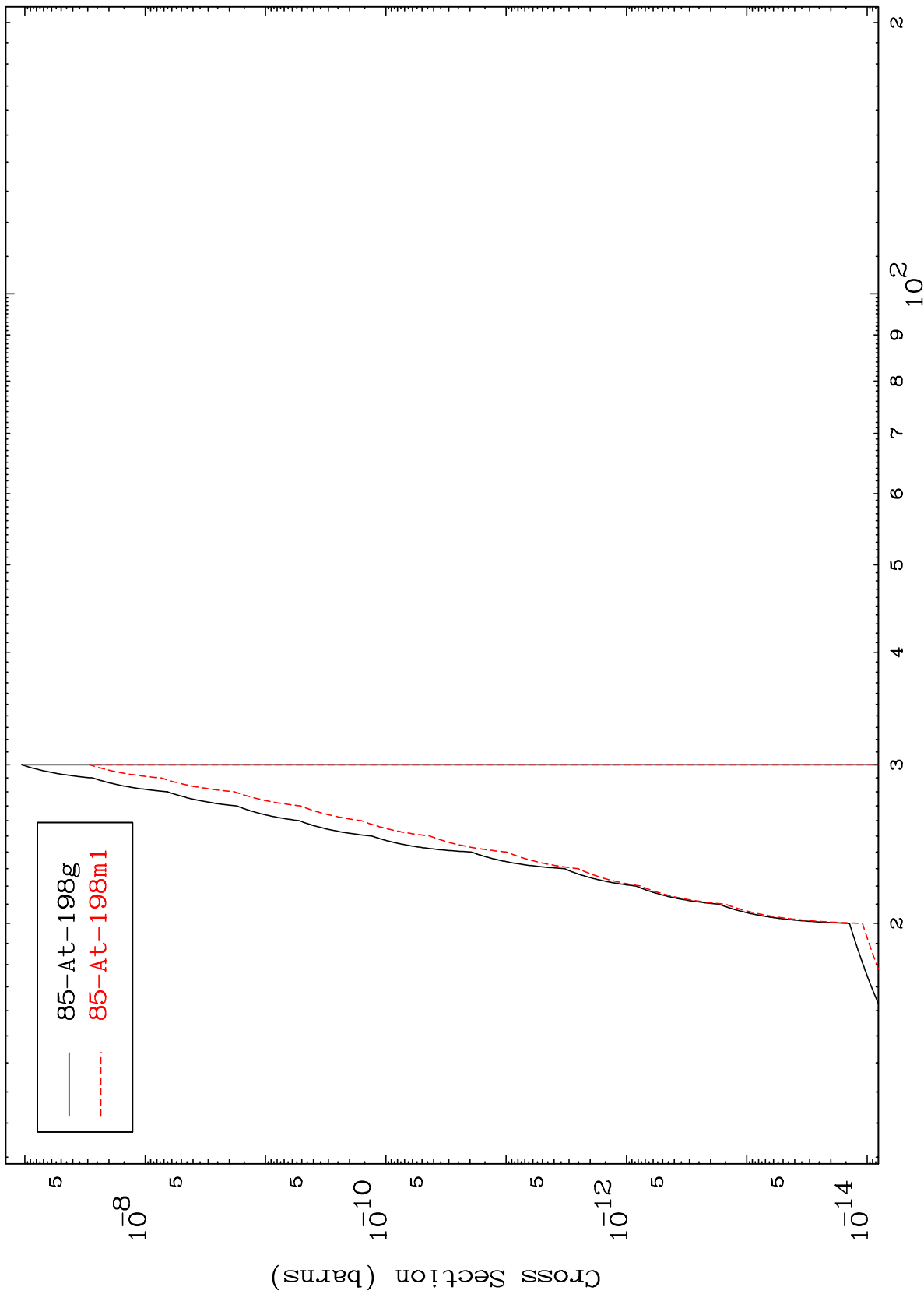


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(n,3n) α

87-Fr-204m

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-204m

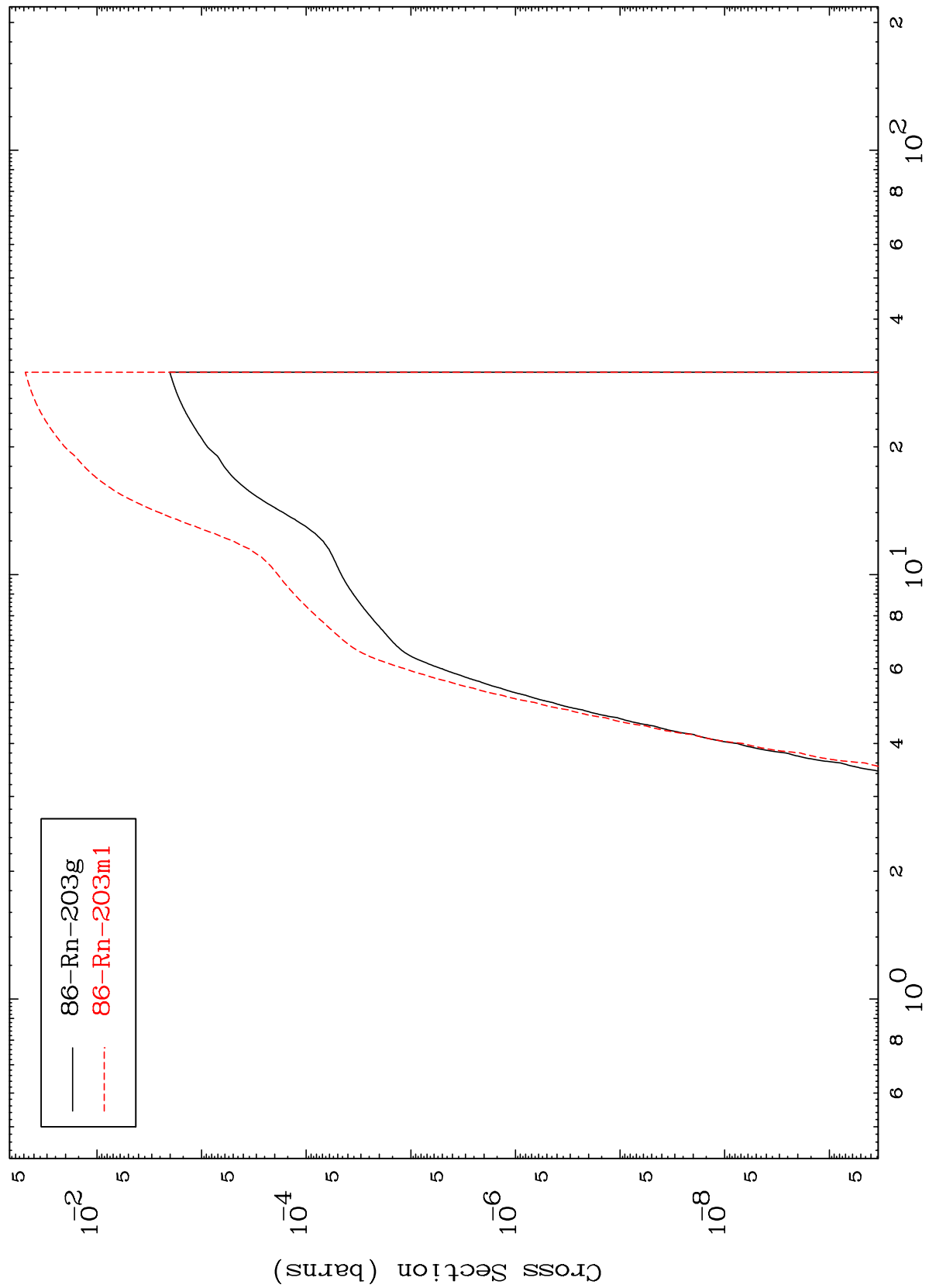
23

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(n,n') p

87-Fr-204m

Radionuclide Production Cross Section



— 86-Rn-203g
- - - 86-Rn-203m1

Incident Energy (MeV)

87-Fr-204m

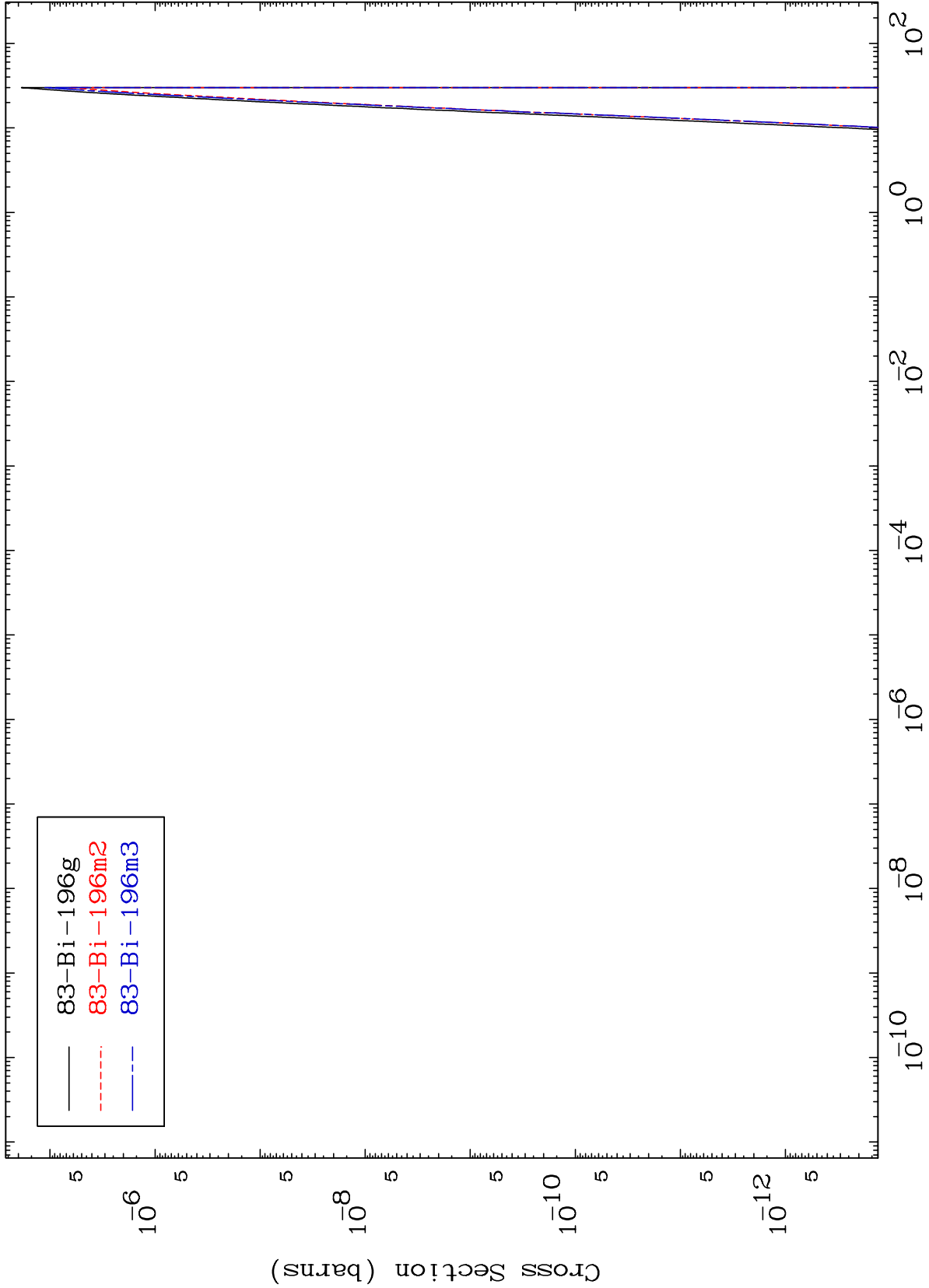
24

MAT 8702

(n,n') 2 α

87-Fr-204m

Radionuclide Production Cross Section

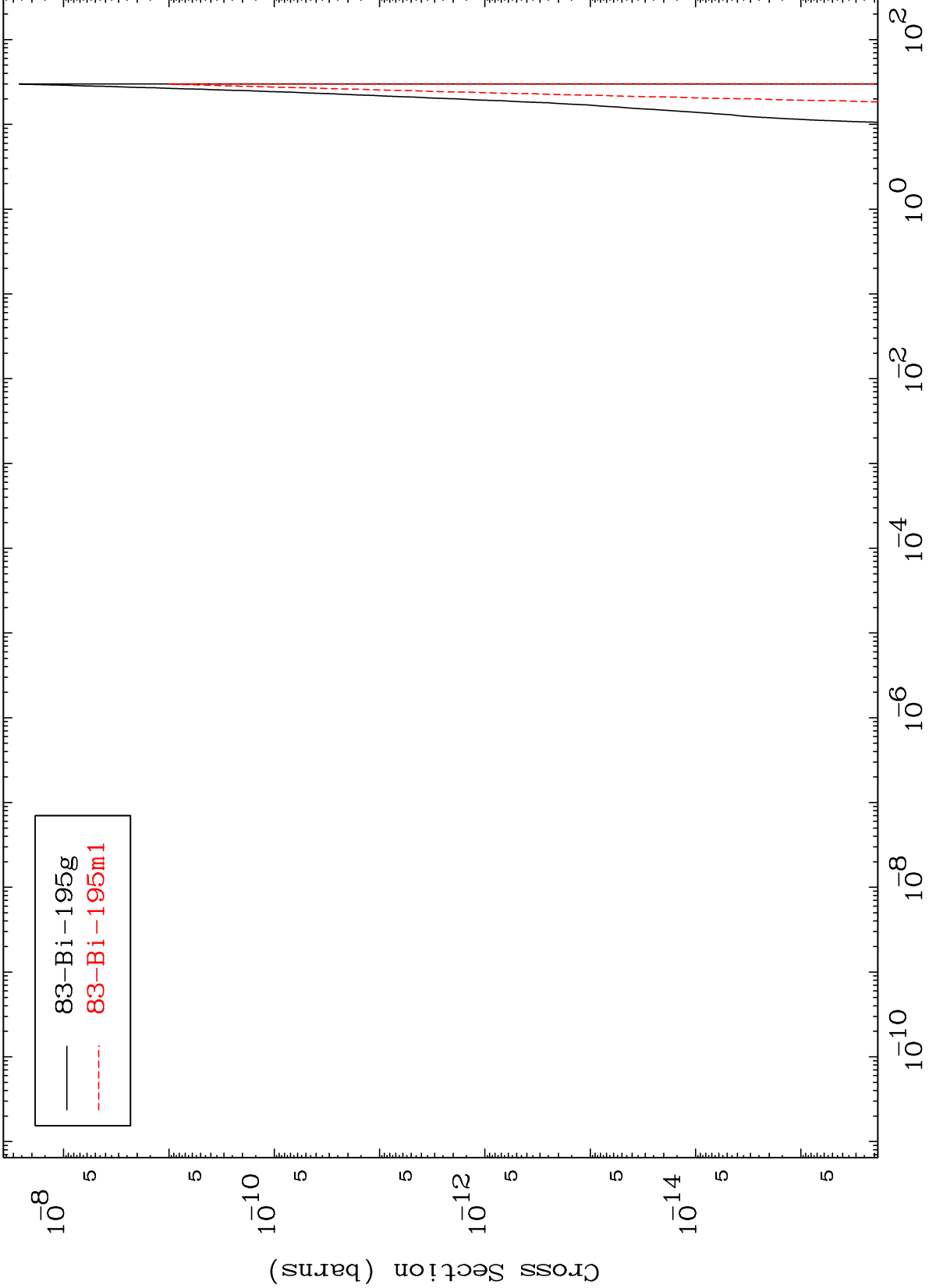
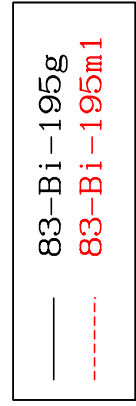


MAT 8702

(n,2n) 2 α

87-Fr-204m

Radionuclide Production Cross Section

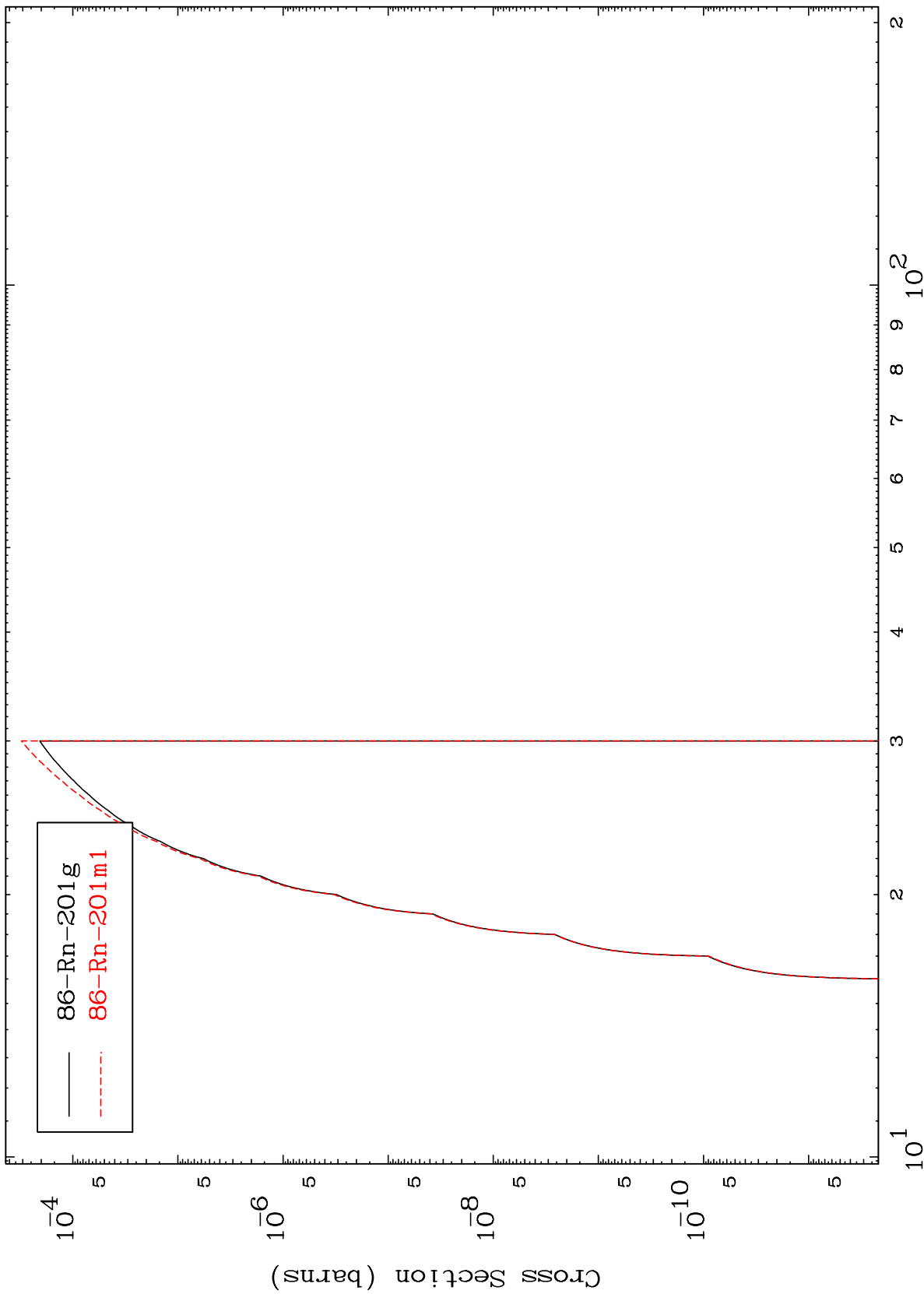


MAT 8702

(n,n') t

87-Fr-204m

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-204m

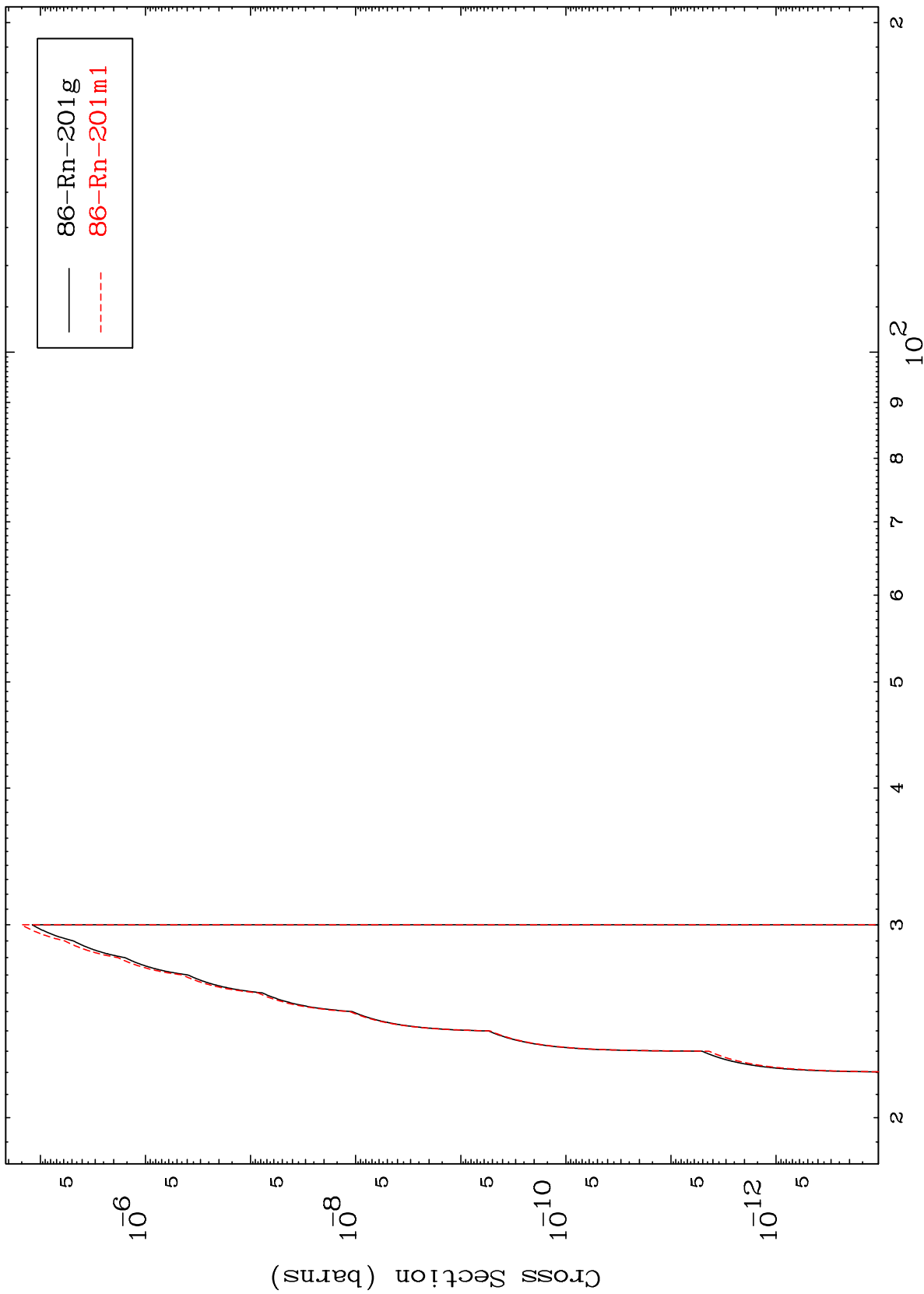
27

MAT 8702

(n,3n) p

87-Fr-204m

Radionuclide Production Cross Section



28

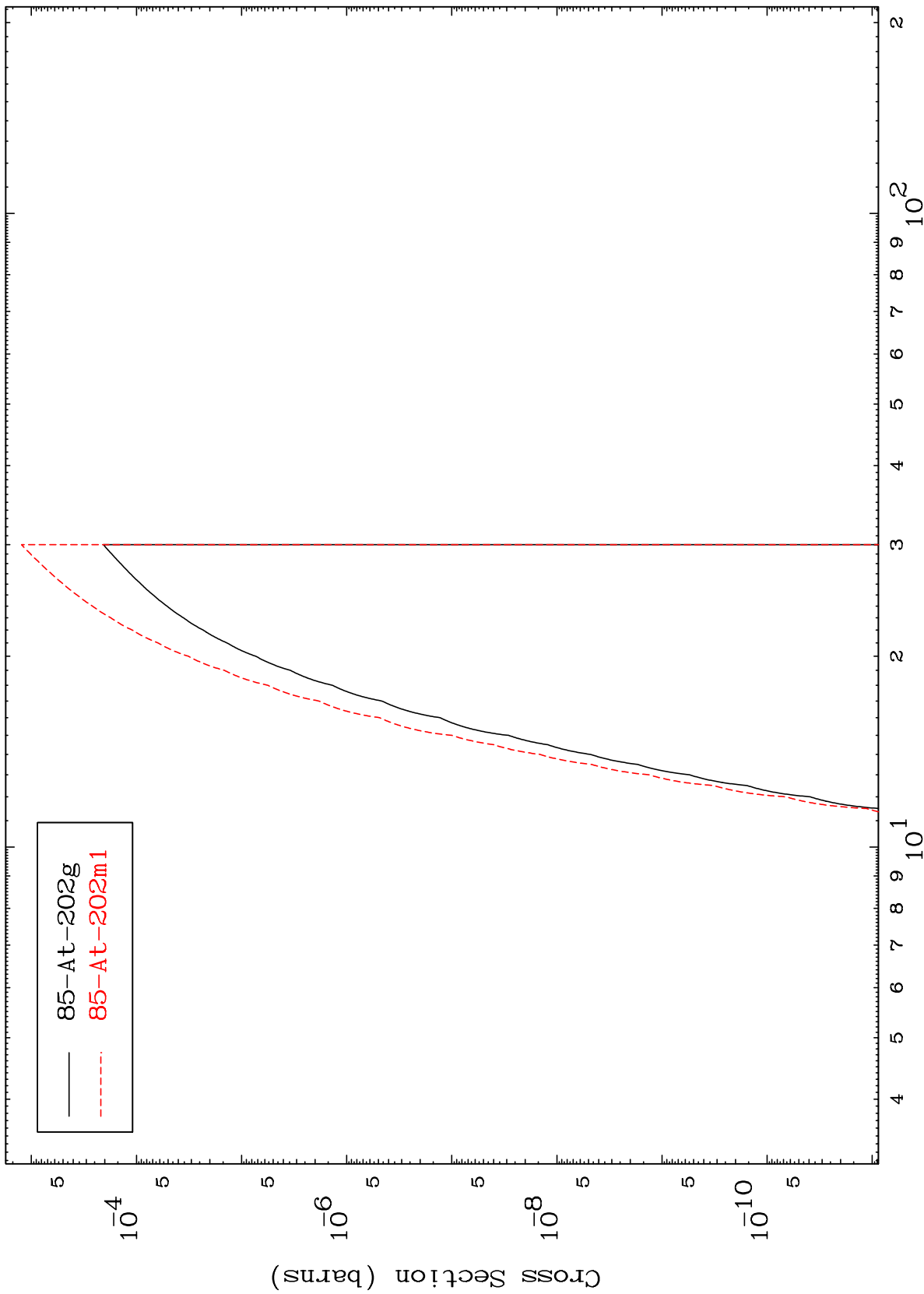
Incident Energy (MeV)

87-Fr-204m

MAT 8702

87-Fr-204m

(n,2n) p
Radionuclide Production Cross Section



87-Fr-204m

Incident Energy (MeV)

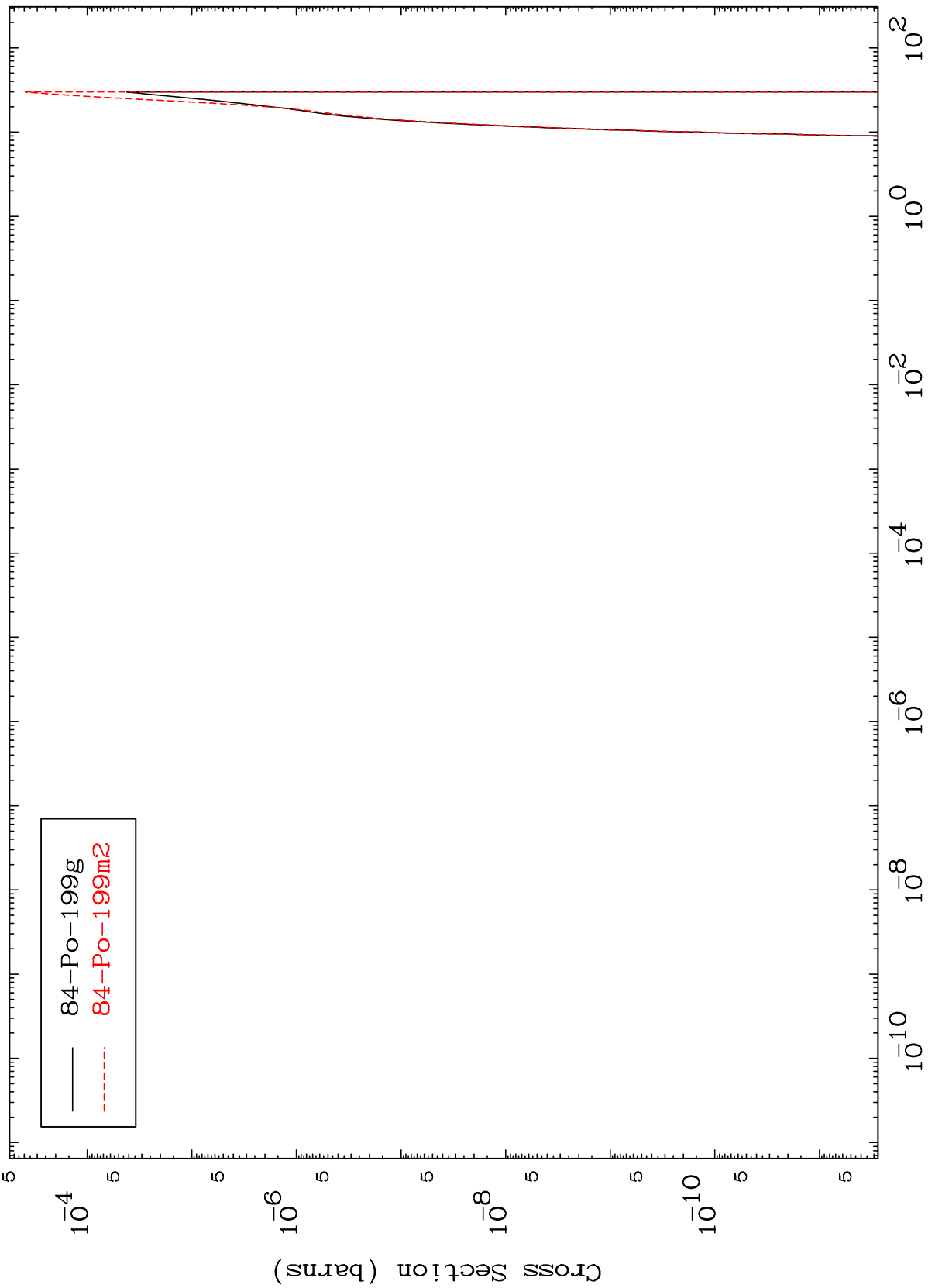
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MAT 8702

(n,n') p α

87-Fr-204m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

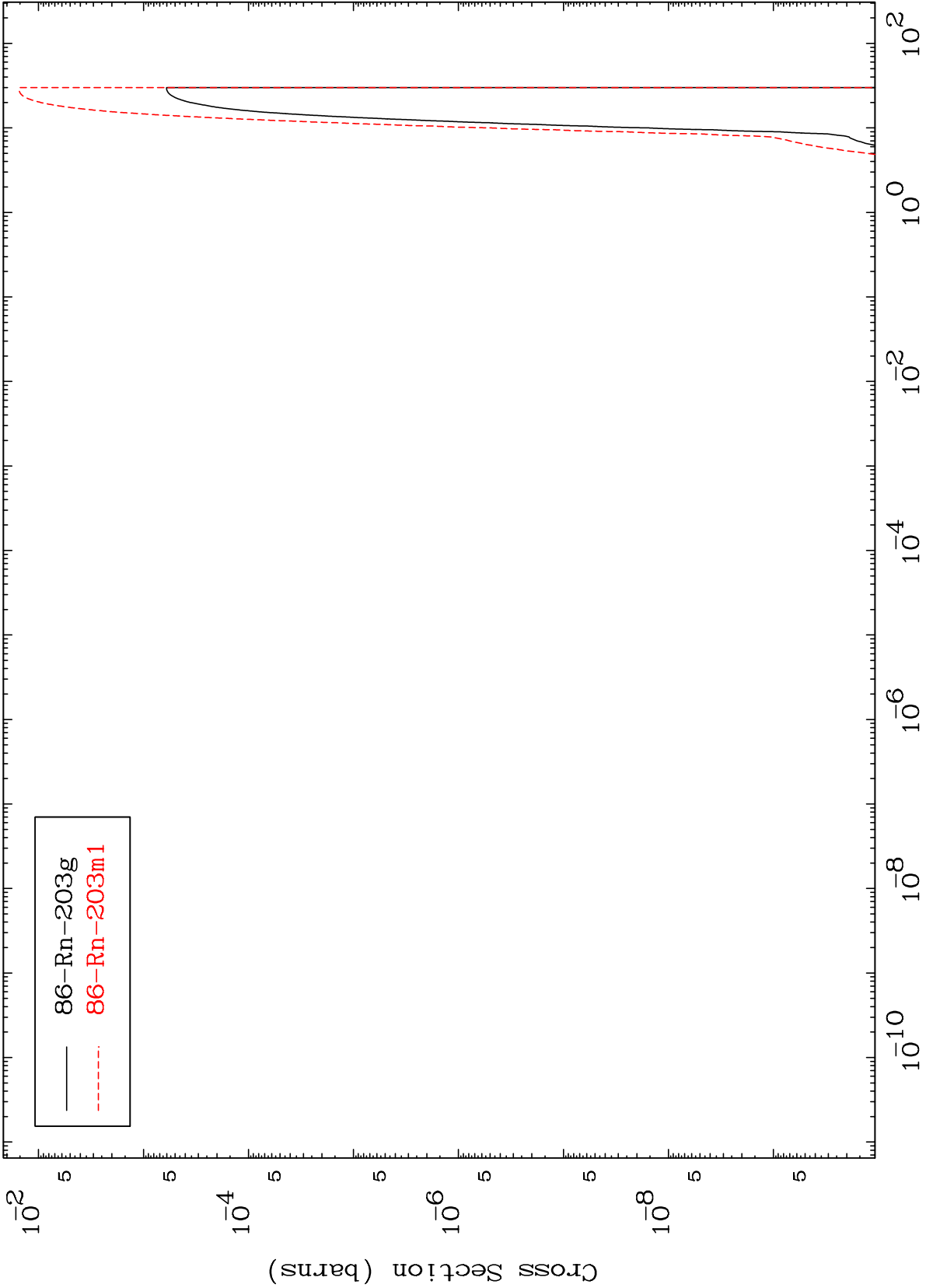
87-Fr-204m

MAT 8702

(n,d)

87-Fr-204m

Radionuclide Production Cross Section

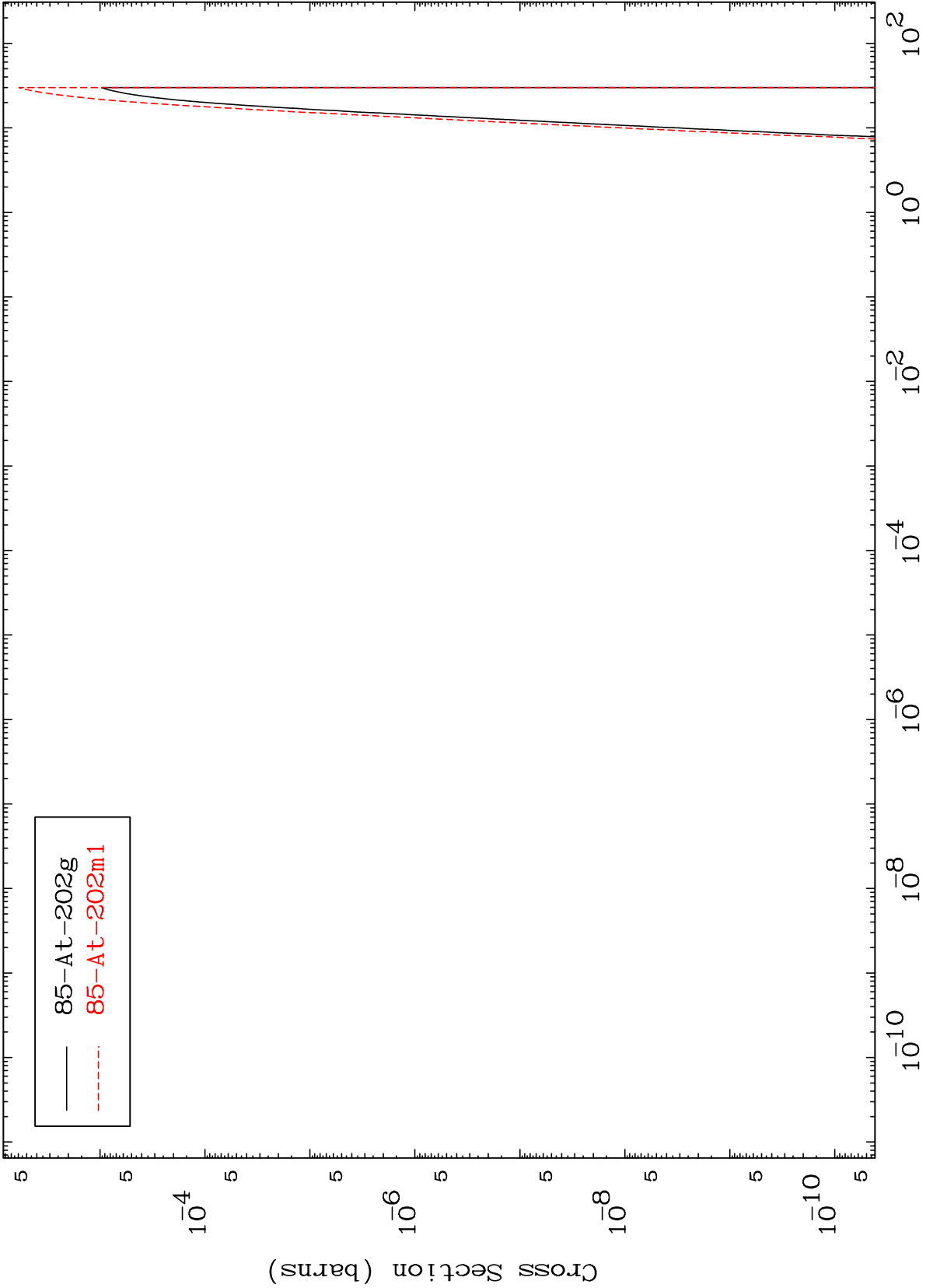


MAT 8702

(n,He-3)

87-Fr-204m

Radionuclide Production Cross Section

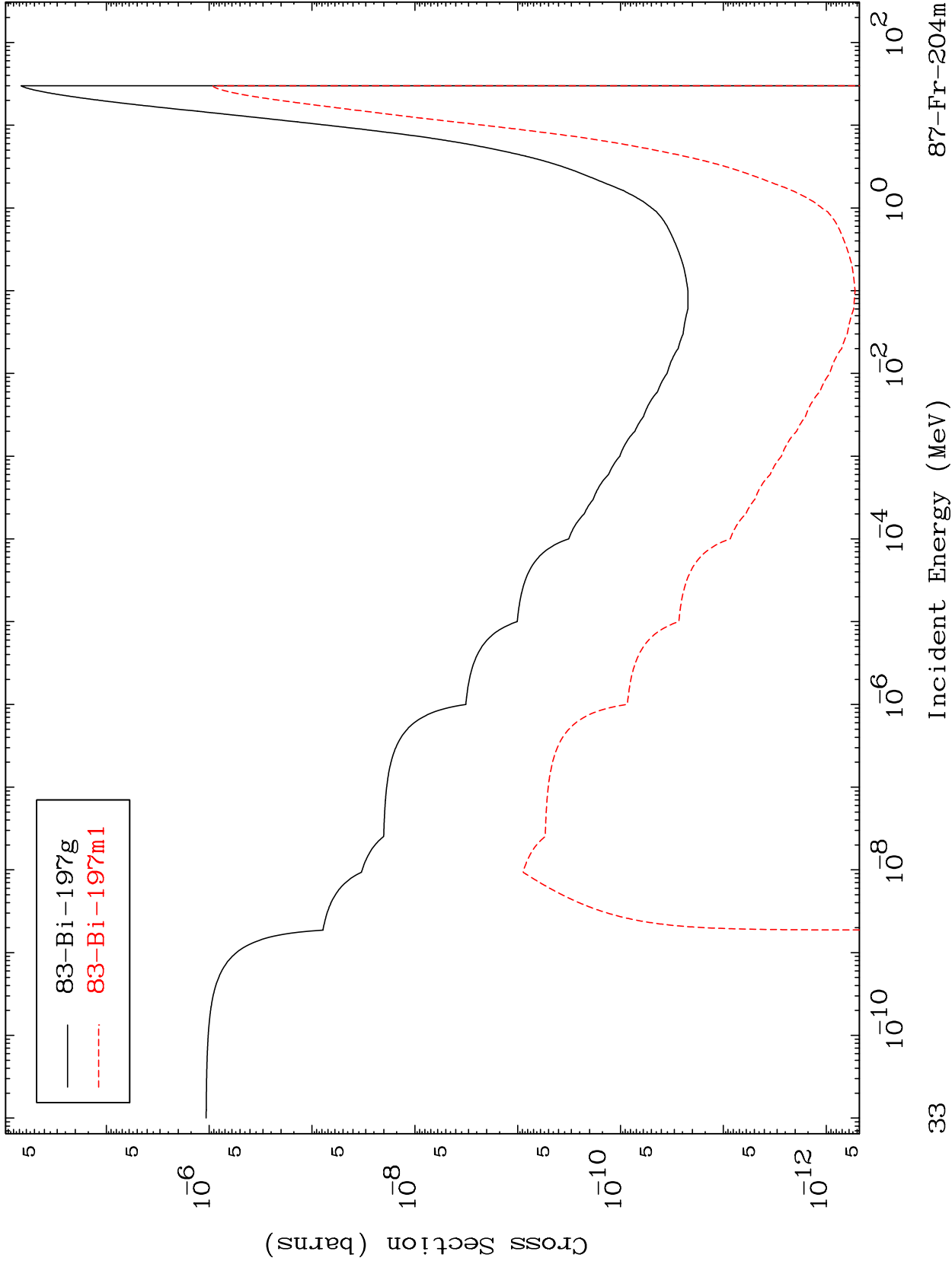


MAT 8702

(n,2α)

87-Fr-204m

Radionuclide Production Cross Section

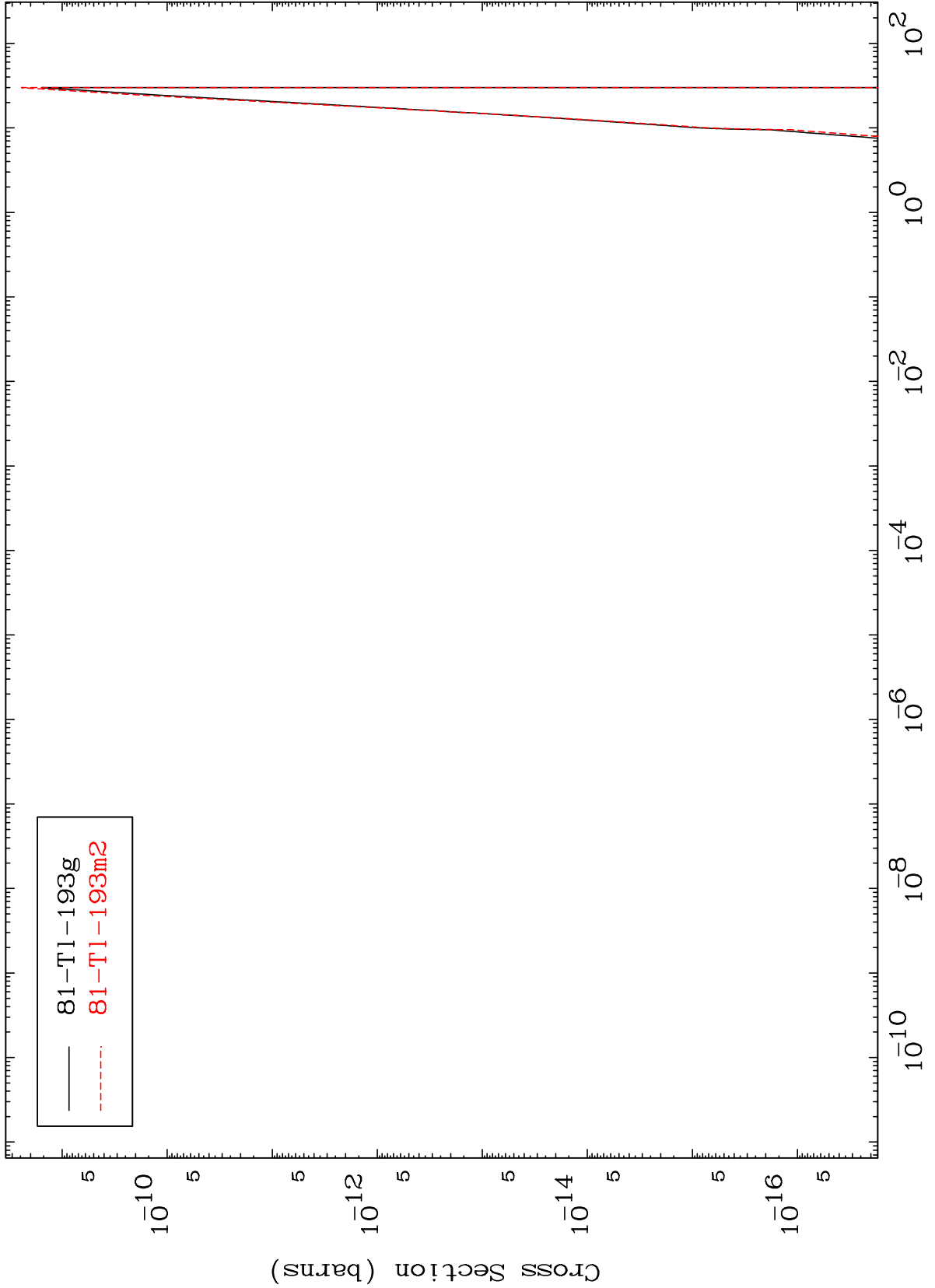


MAT 8702

(n,3 α)

87-Fr-204m

Radionuclide Production Cross Section

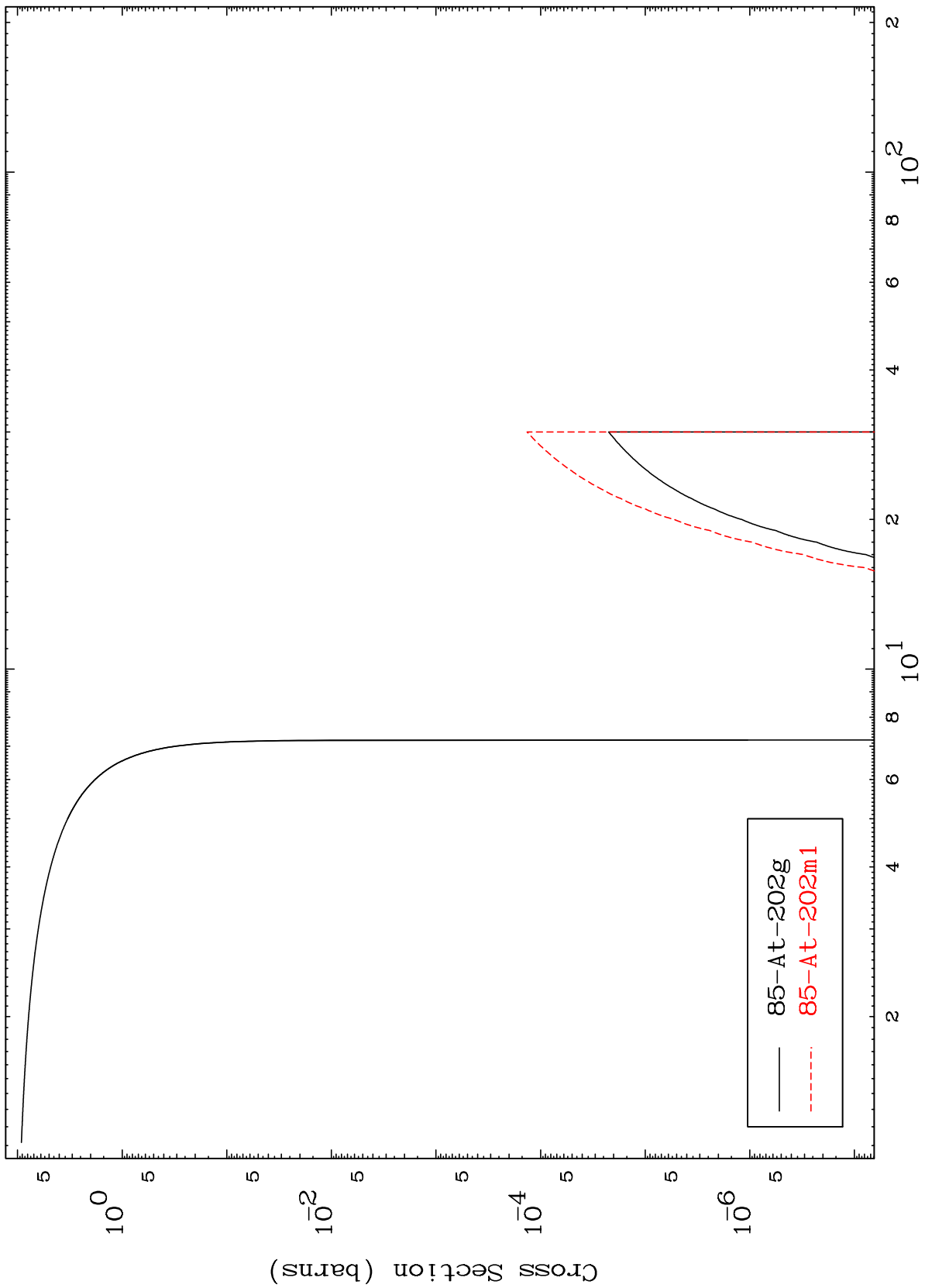


MAT 8702

(n,p) d

87-Fr-204m

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

Incident Energy (MeV)

87-Fr-204m

MAT 8702

(n,d) α

87-Fr-204m

Radionuclide Production Cross Section

