

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

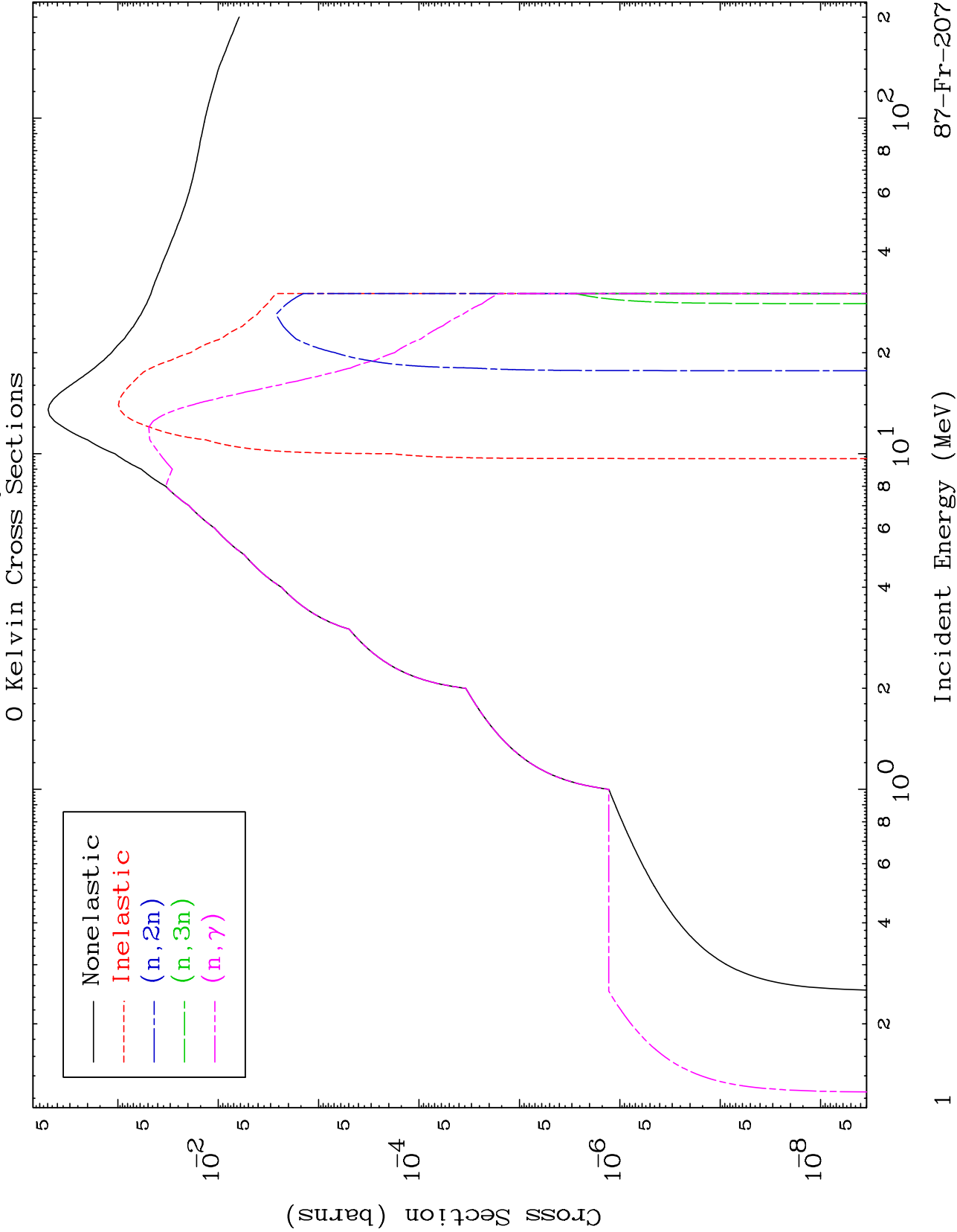
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

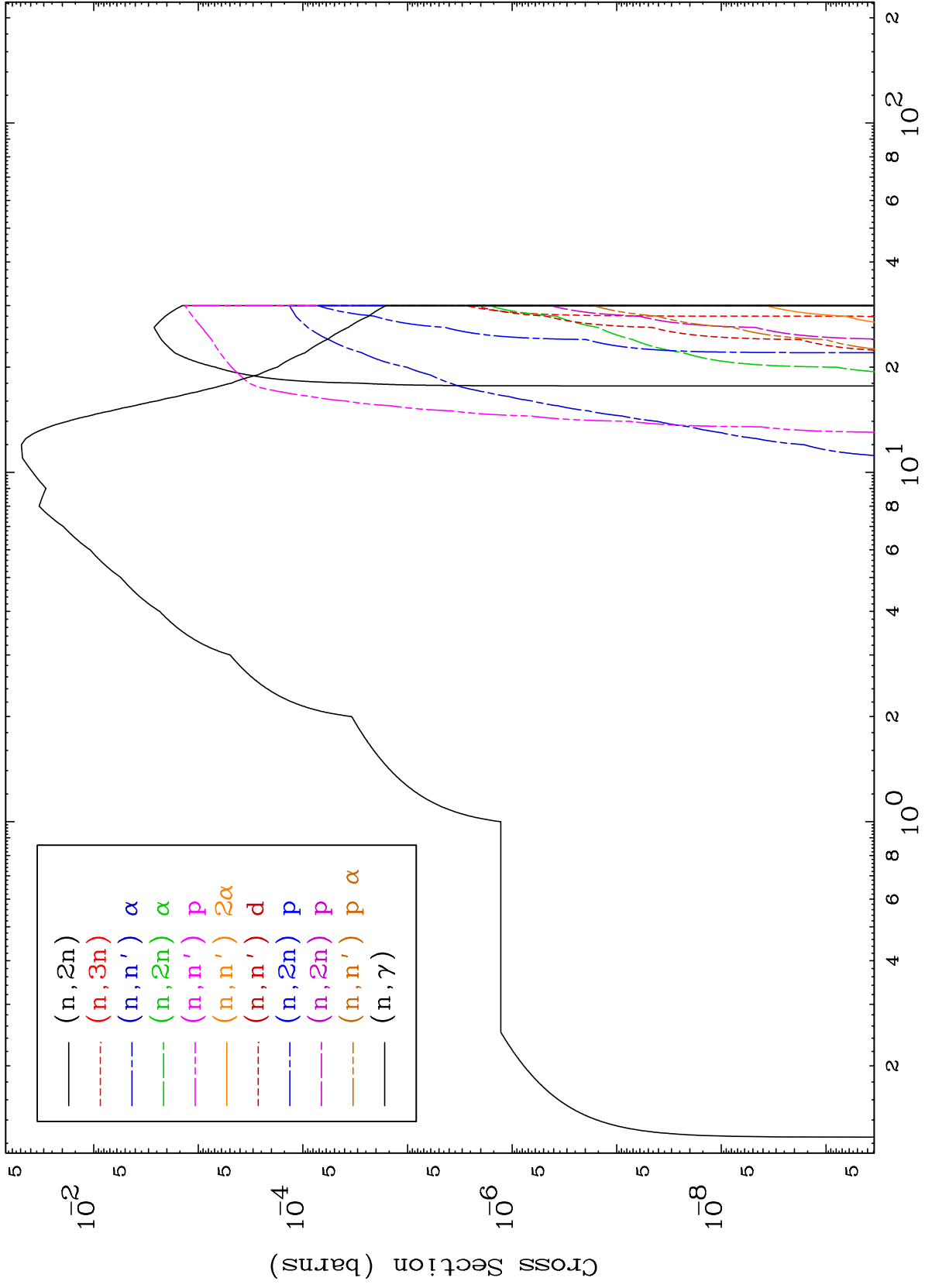
Press Mouse Button to Start



MAT 8710

Photon Neutron Absorption
0 Kelvin Cross Sections

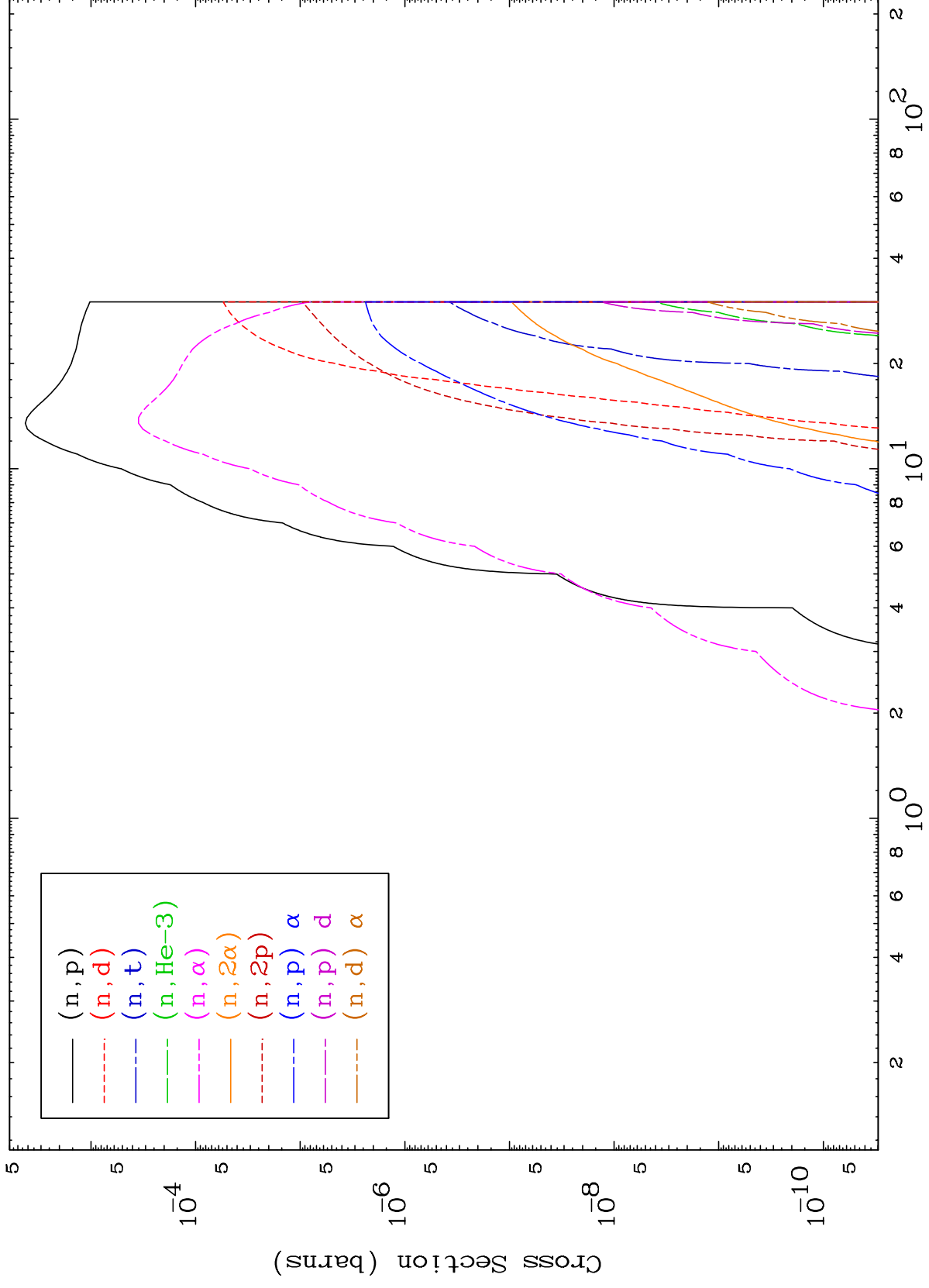
87-Fr-207



Incident Energy (MeV)

87-Fr-207

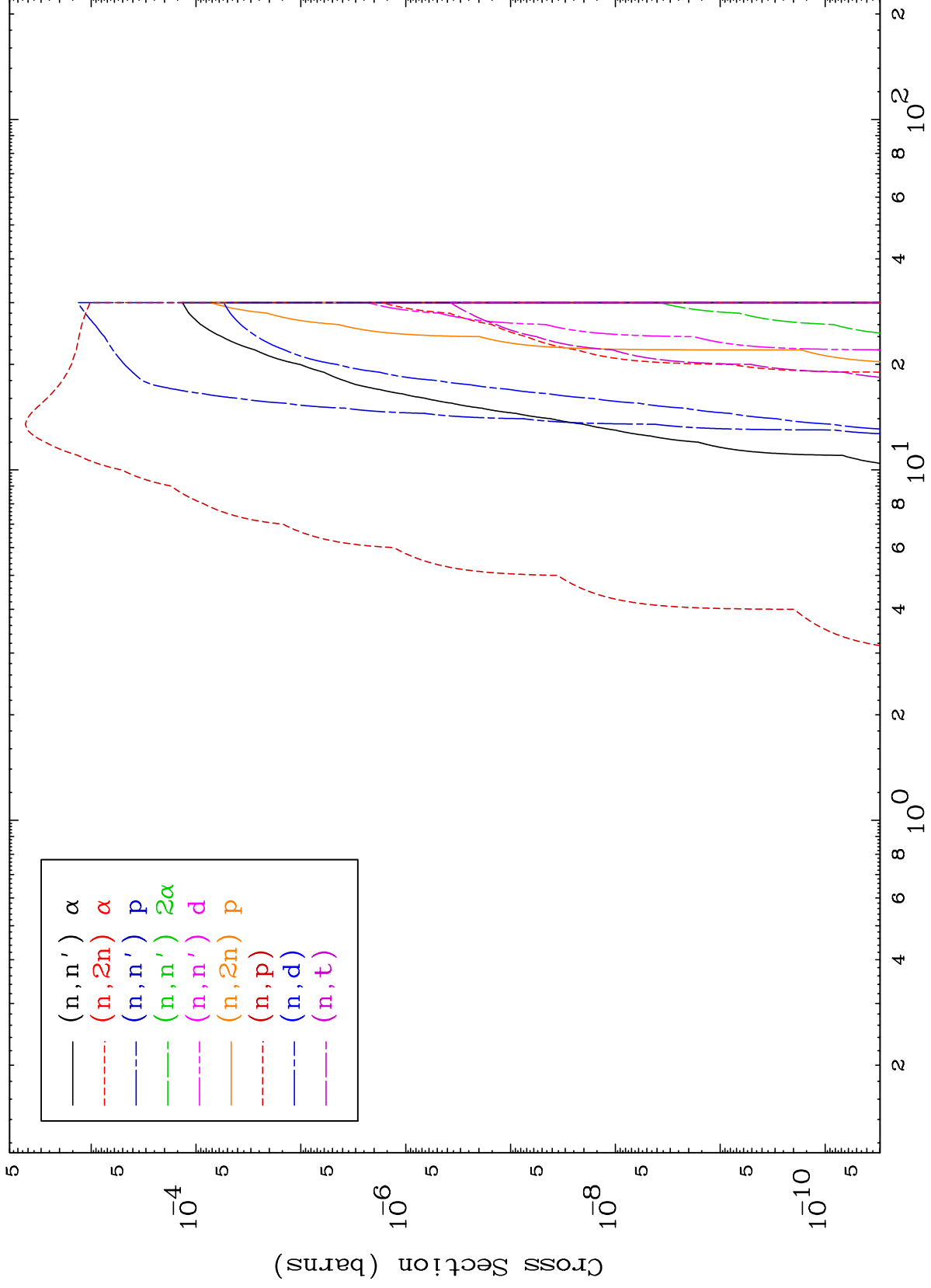
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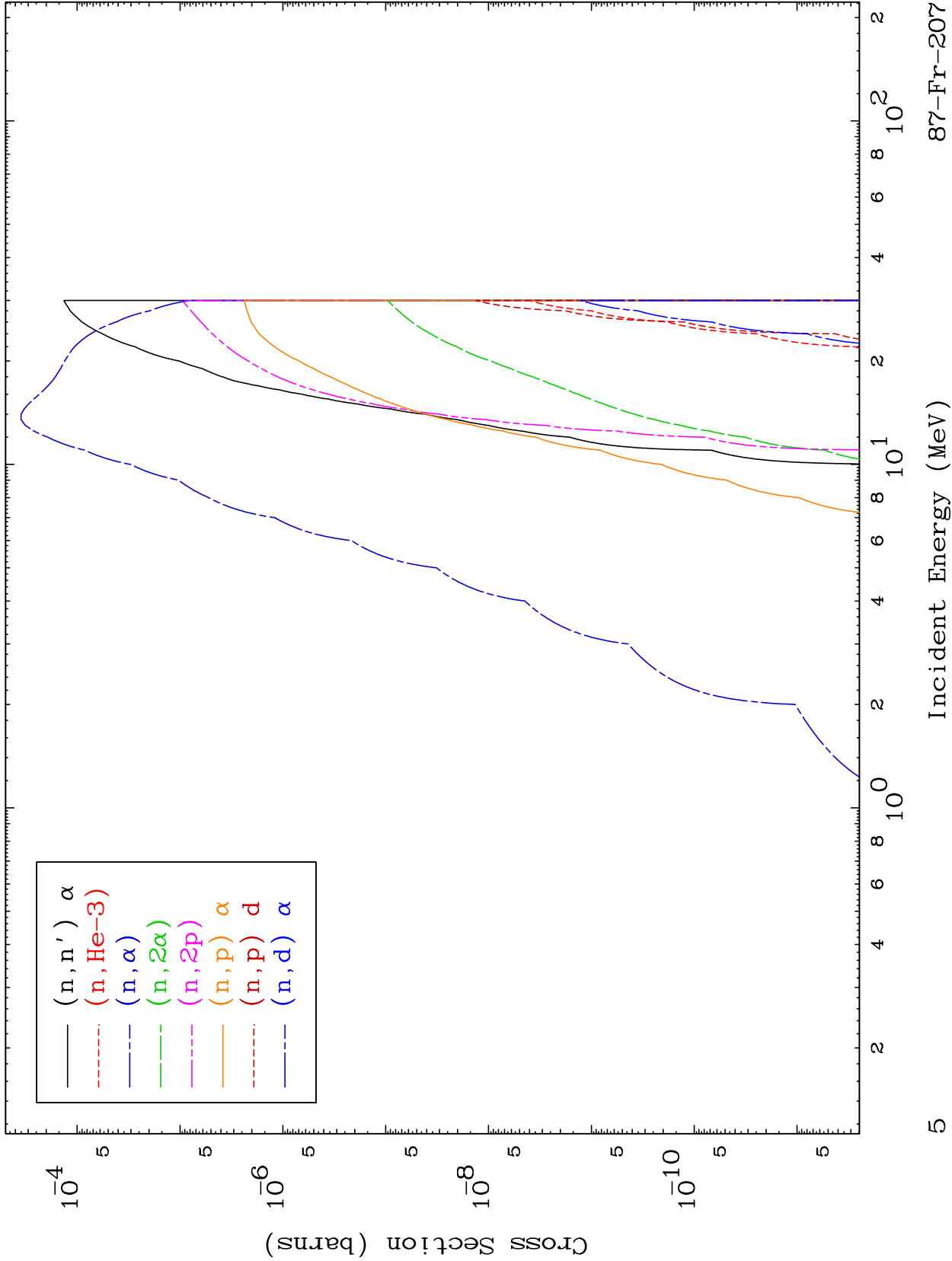


MAT 8710

Photon Charged Particle
0 Kelvin Cross Sections

87-Fr-207

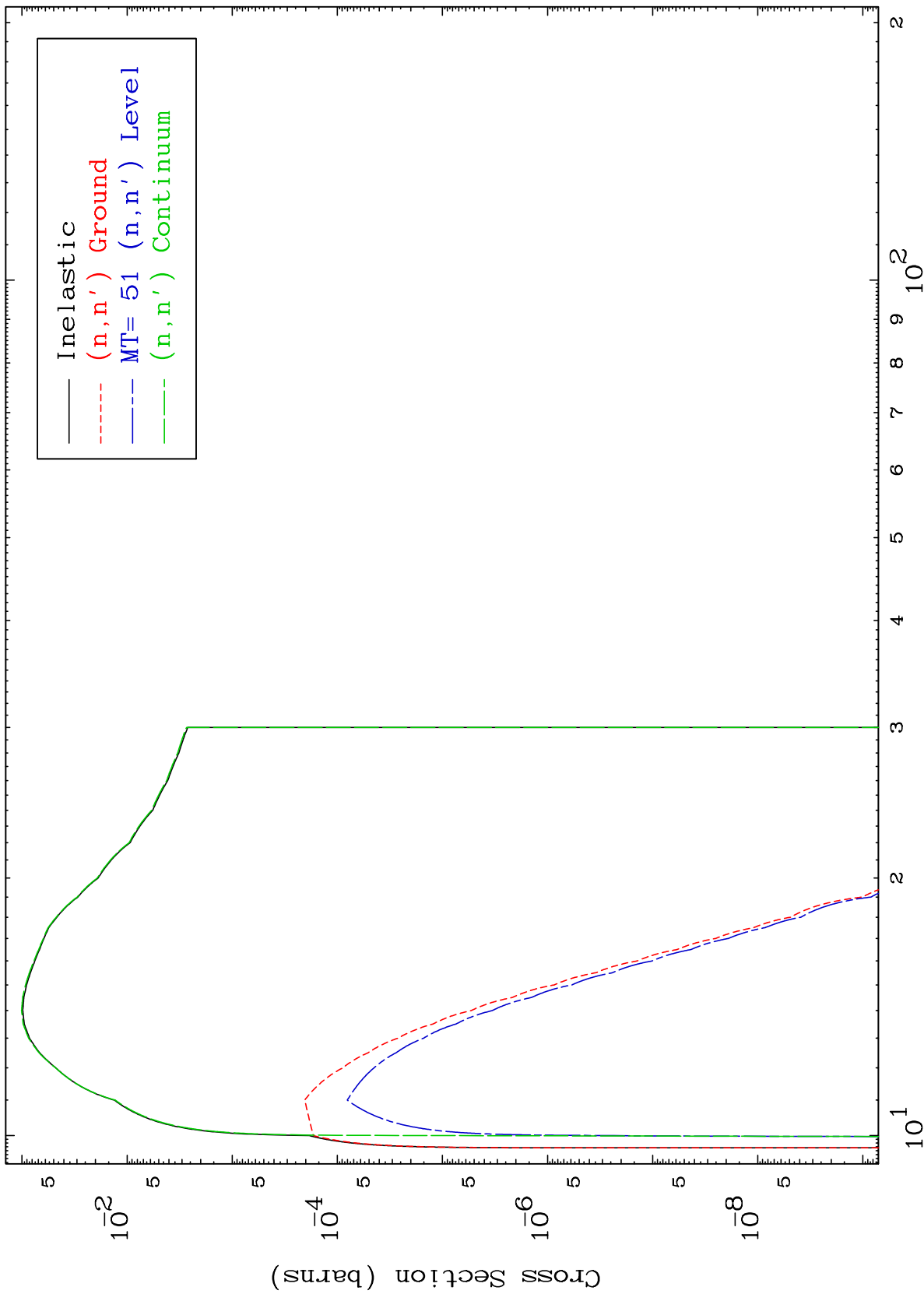




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87-Fr-207

(γ, n') Levels
0 Kelvin Cross Sections



87-Fr-207

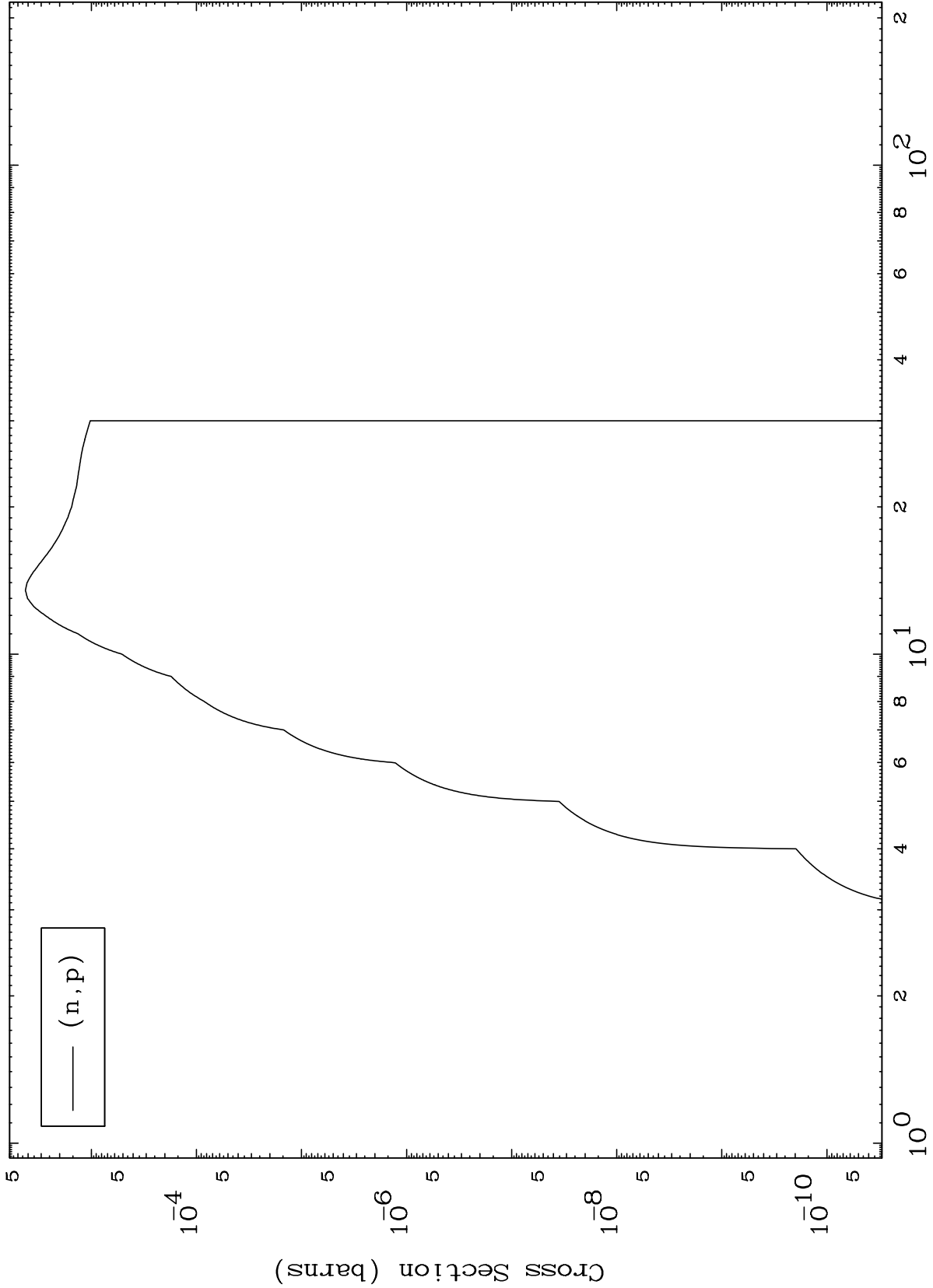
Incident Energy (MeV)

MAT 8710

(γ, p) Levels

87-Fr-207

0 Kelvin Cross Sections



Incident Energy (MeV)

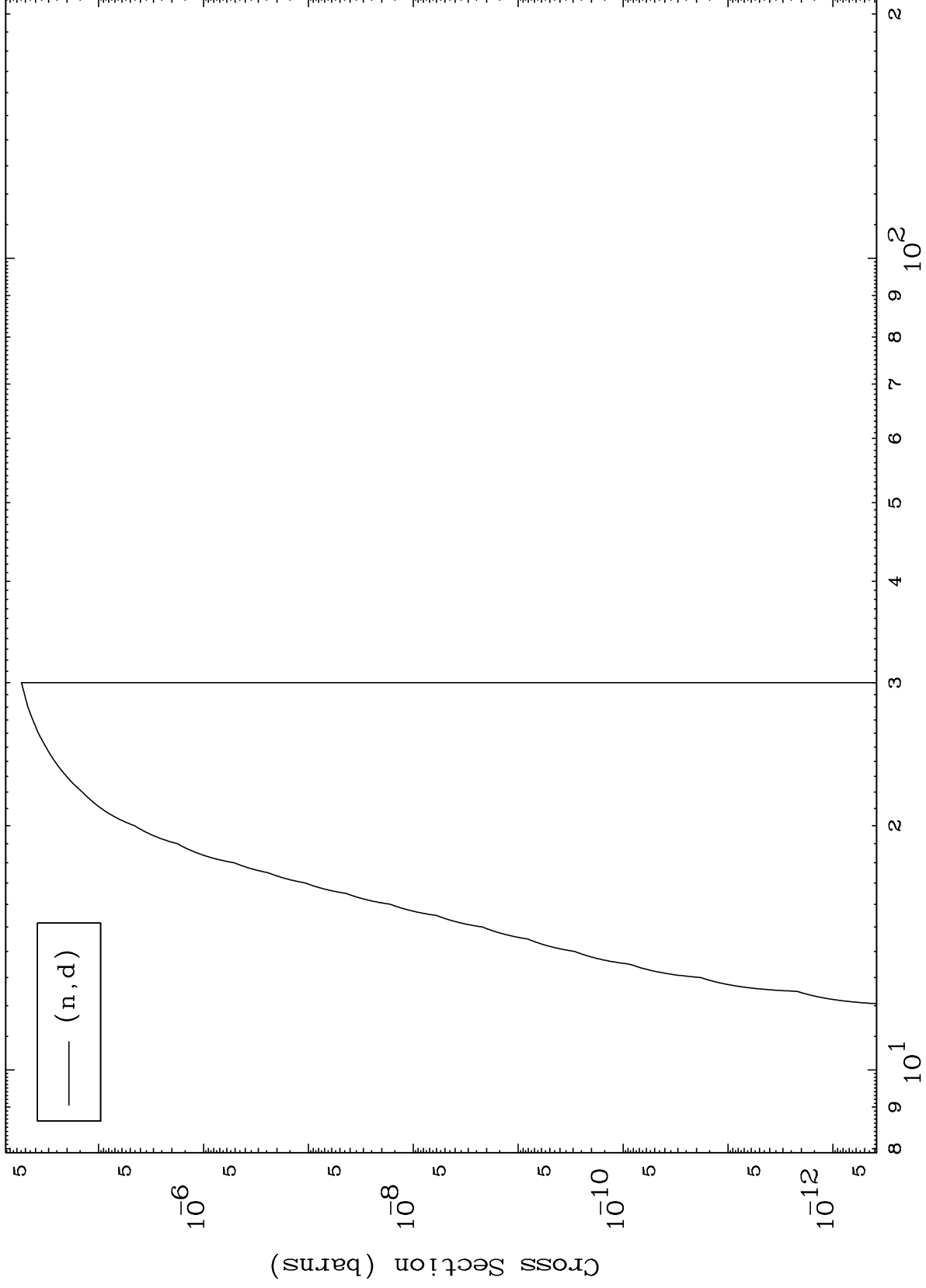
87-Fr-207

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(γ, d) Levels
0 Kelvin Cross Sections

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8

Incident Energy (MeV)

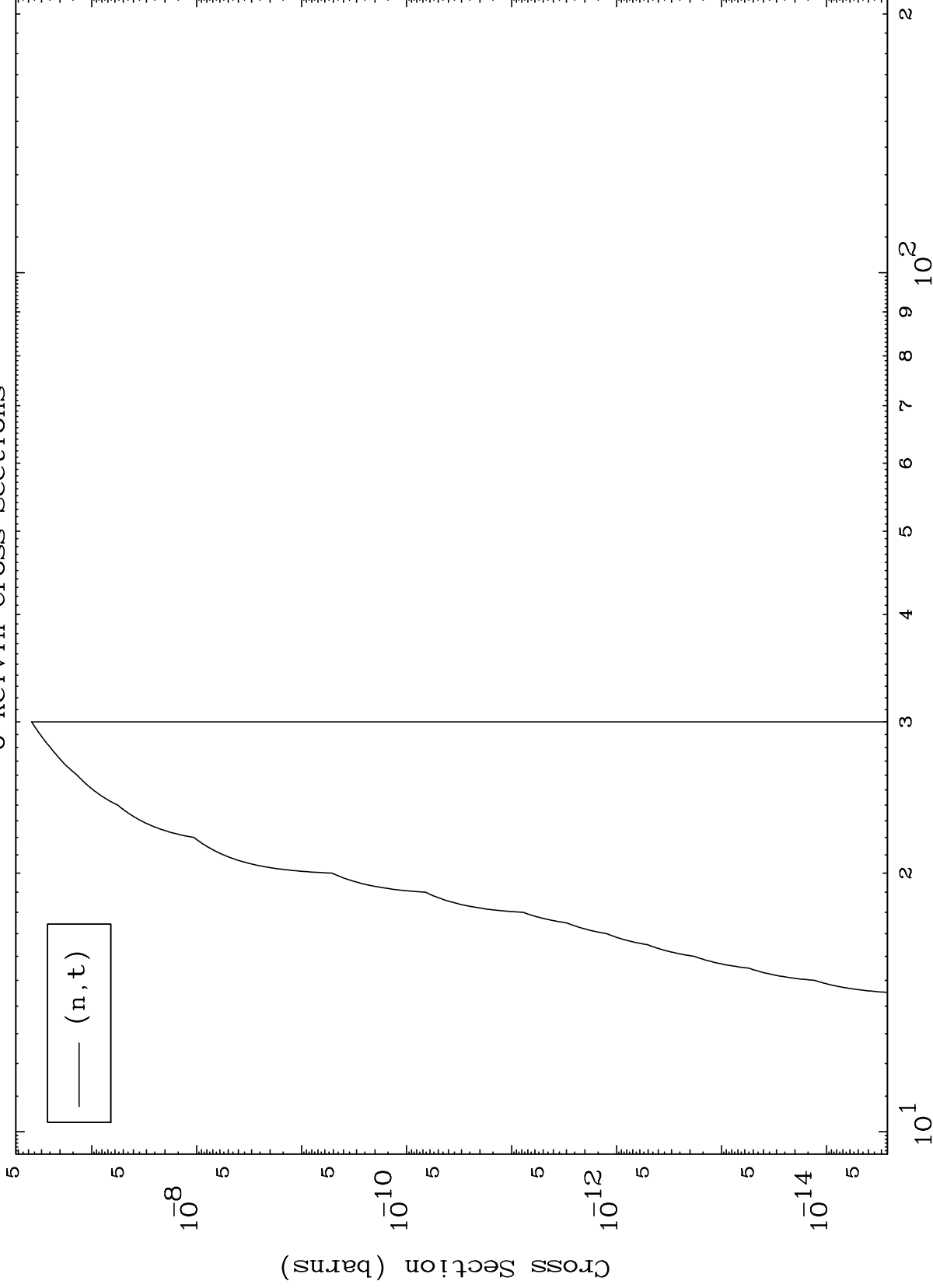
87-Fr-207

MAT 8710

(γ, t) Levels

87-Fr-207

0 Kelvin Cross Sections



Incident Energy (MeV)

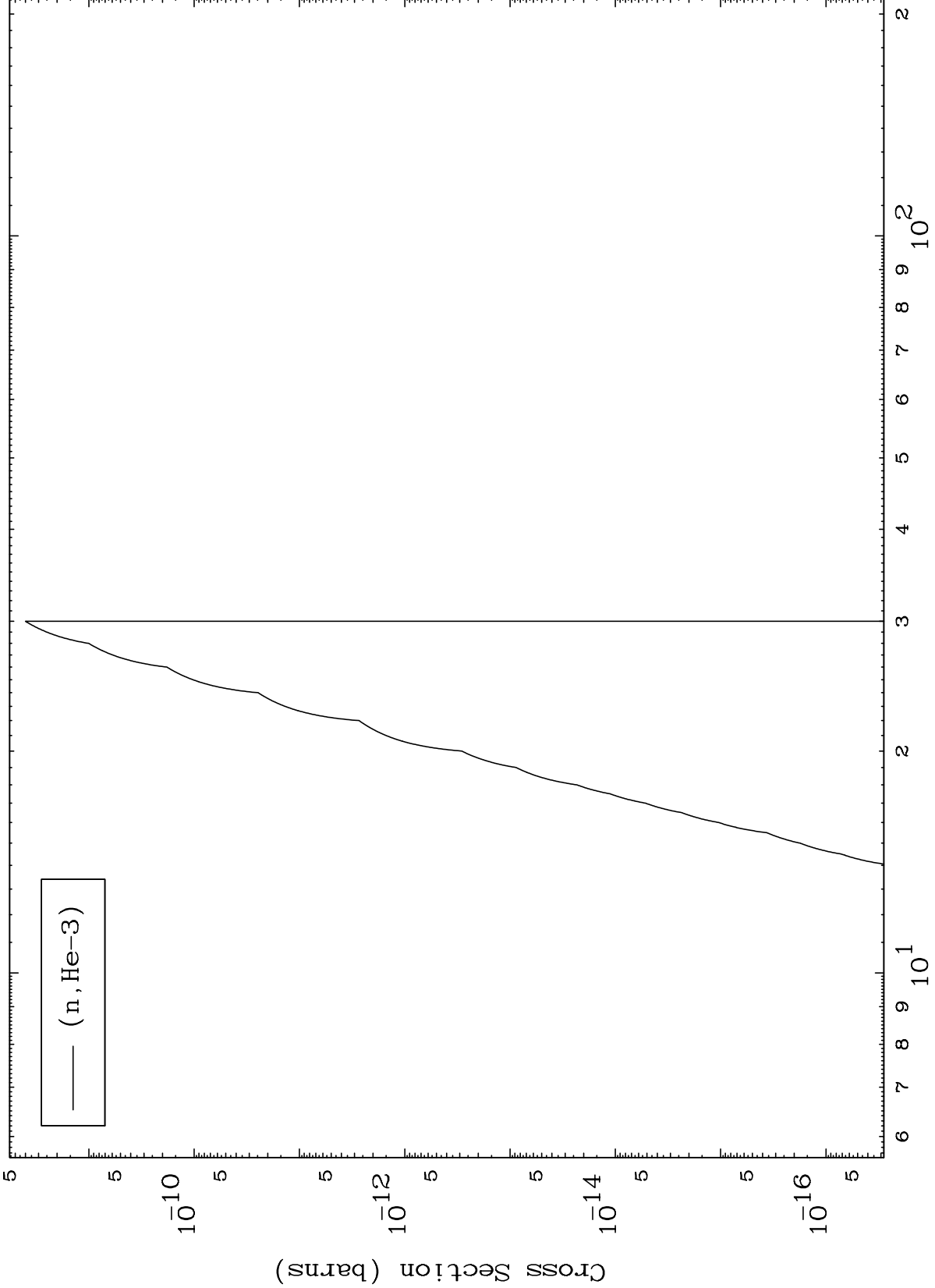
87-Fr-207

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(γ , He3) Levels

87-Fr-207

0 Kelvin Cross Sections



10

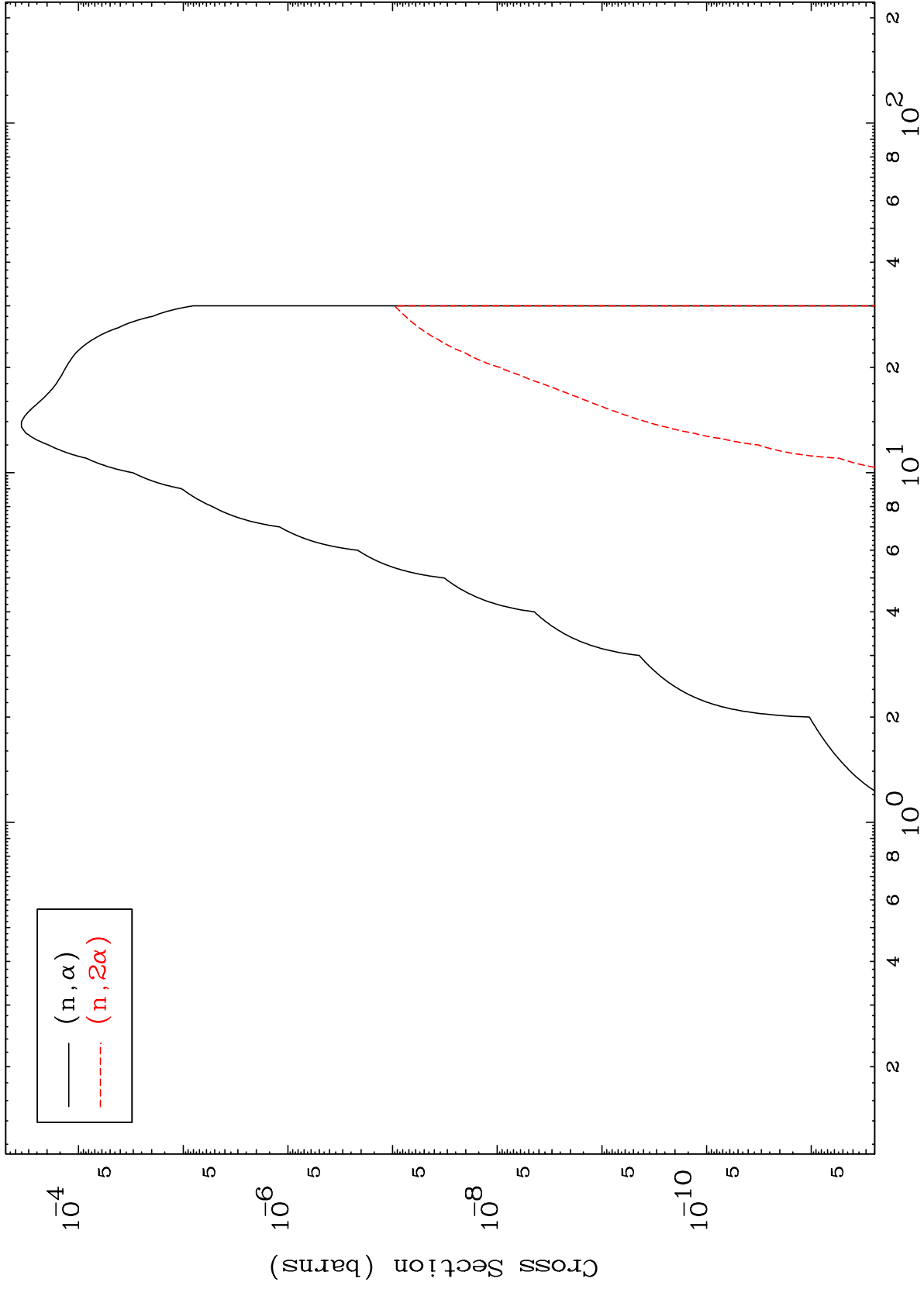
Incident Energy (MeV)

87-Fr-207

MAT 8710

(γ, α) Levels
0 Kelvin Cross Sections

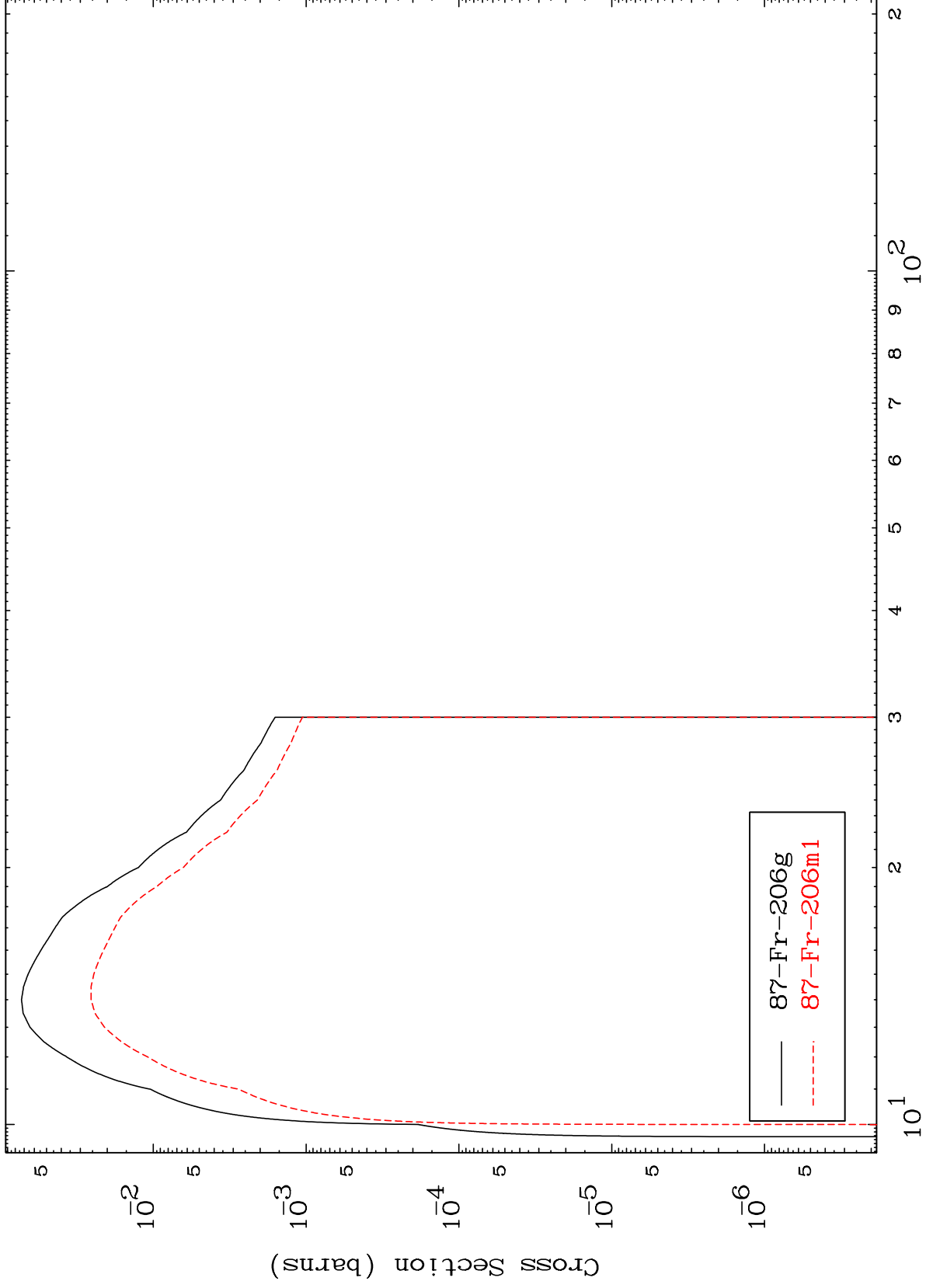
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Inelastic
Radionuclide Production Cross Section

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Incident Energy (MeV)

87-Fr-207

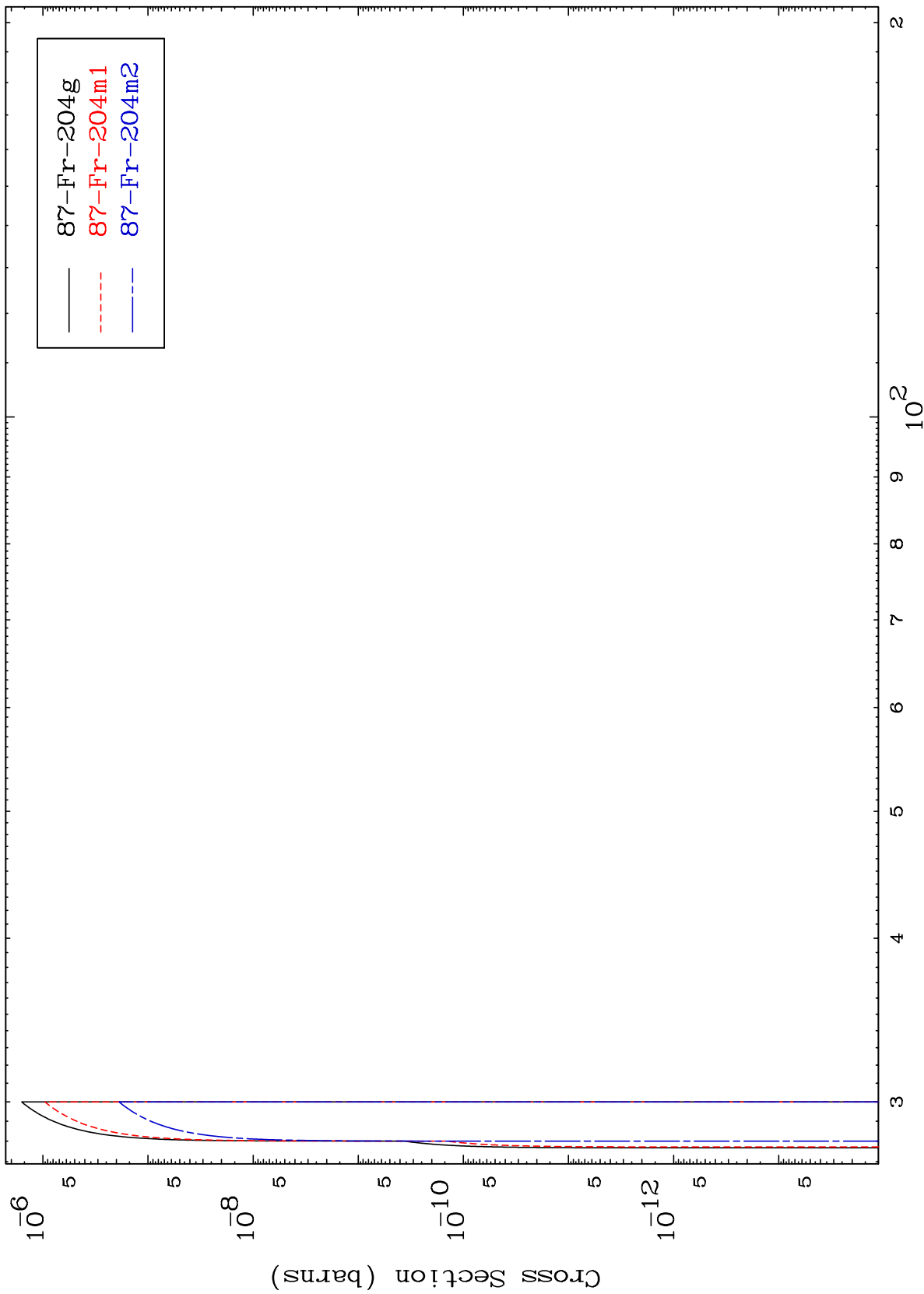
12

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87-Fr-207

(n,3n)

Radionuclide Production Cross Section



13

Incident Energy (MeV)

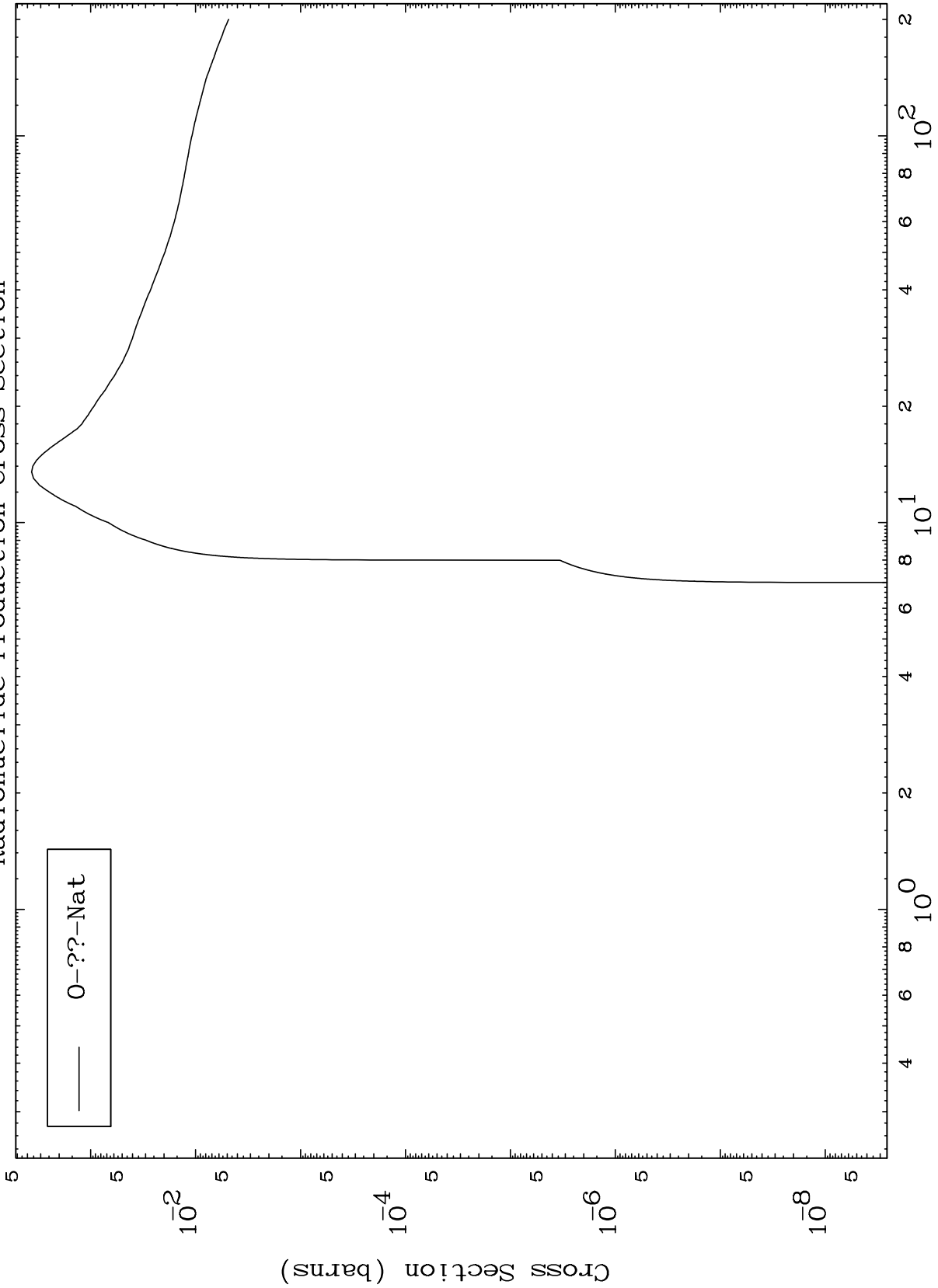
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MAT 8710

Fission

87-Fr-207

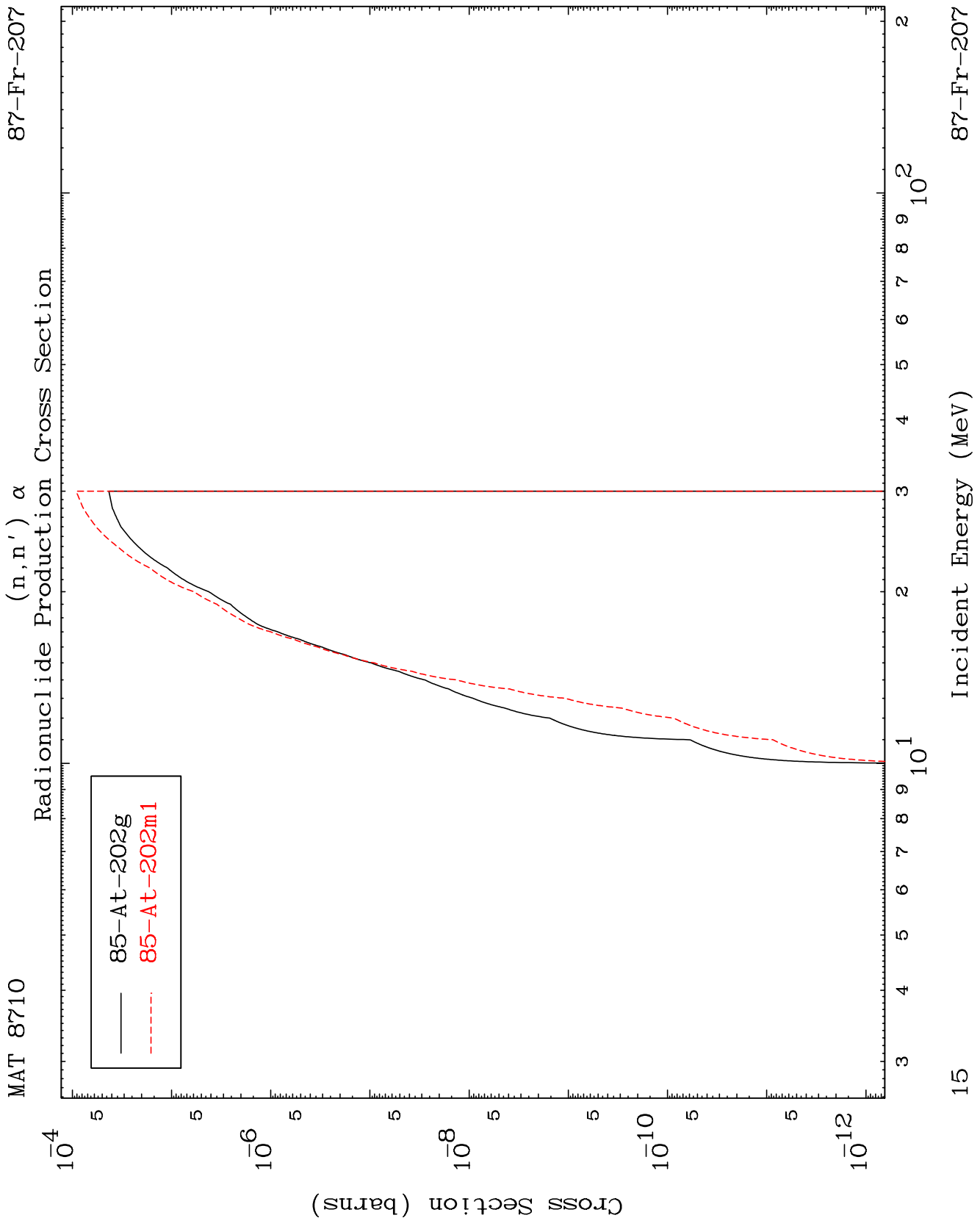
Radionuclide Production Cross Section



14

Incident Energy (MeV)

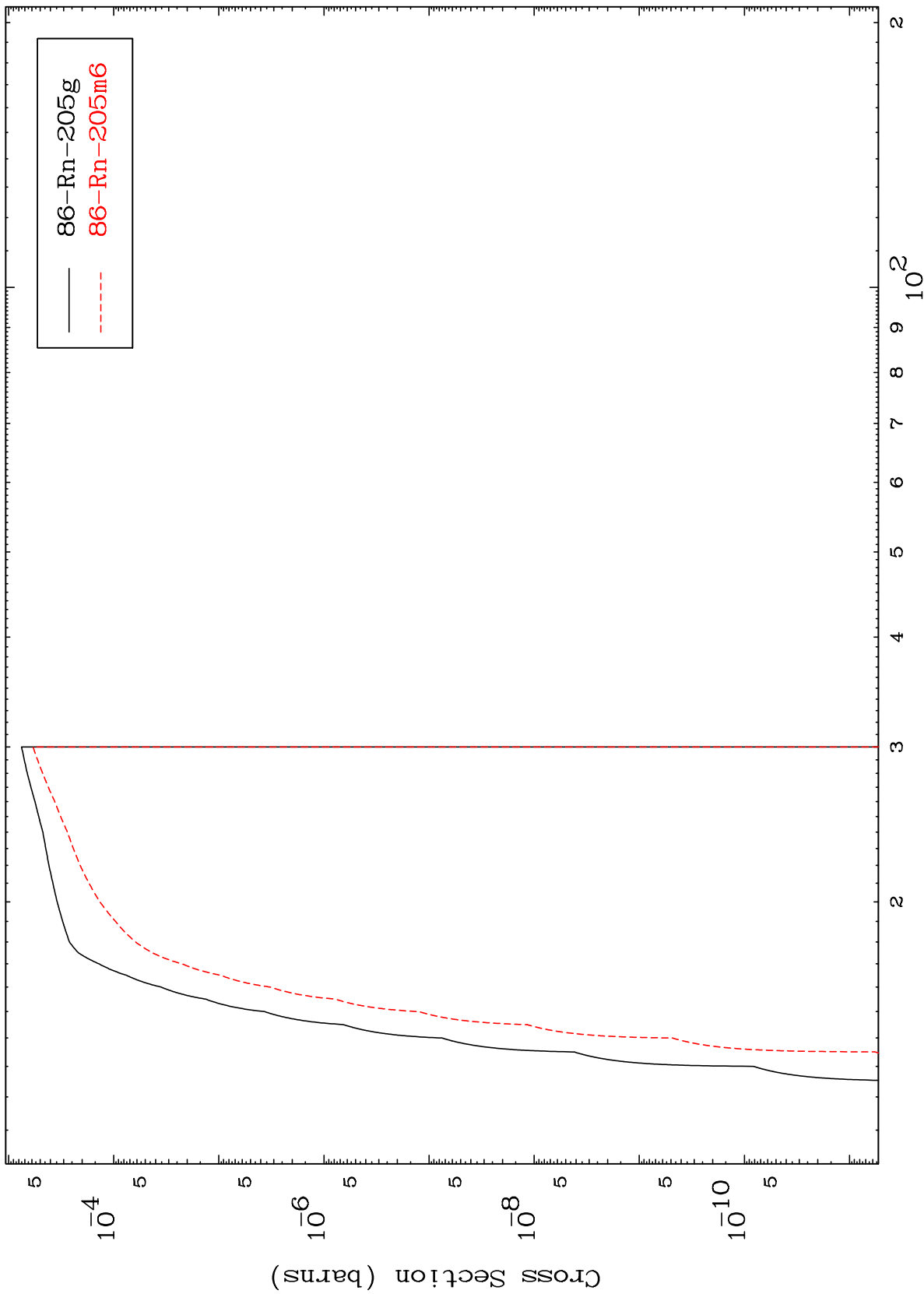
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87-Fr-207

(n, n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

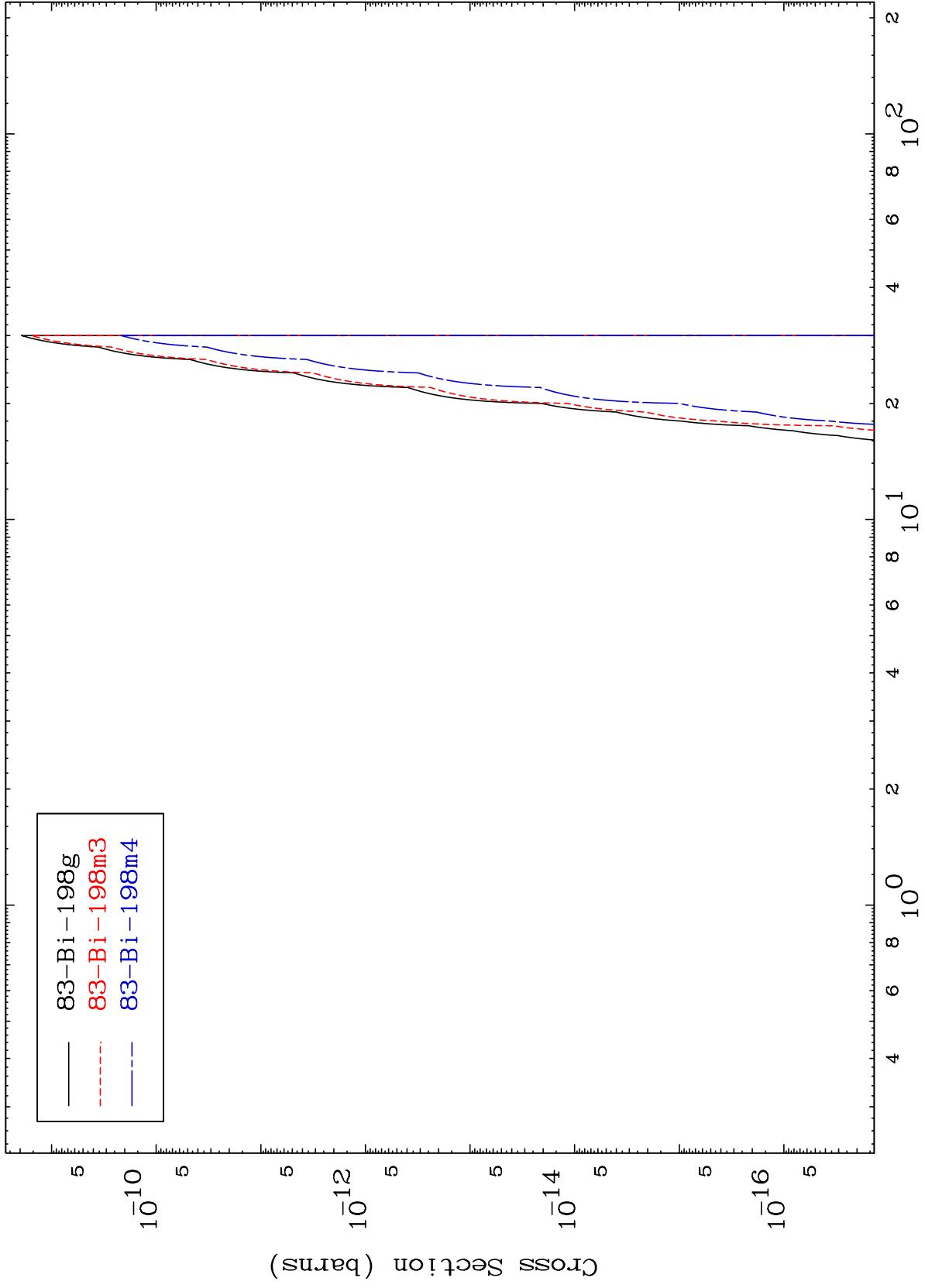
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(n, n') 2α

87-Fr-207

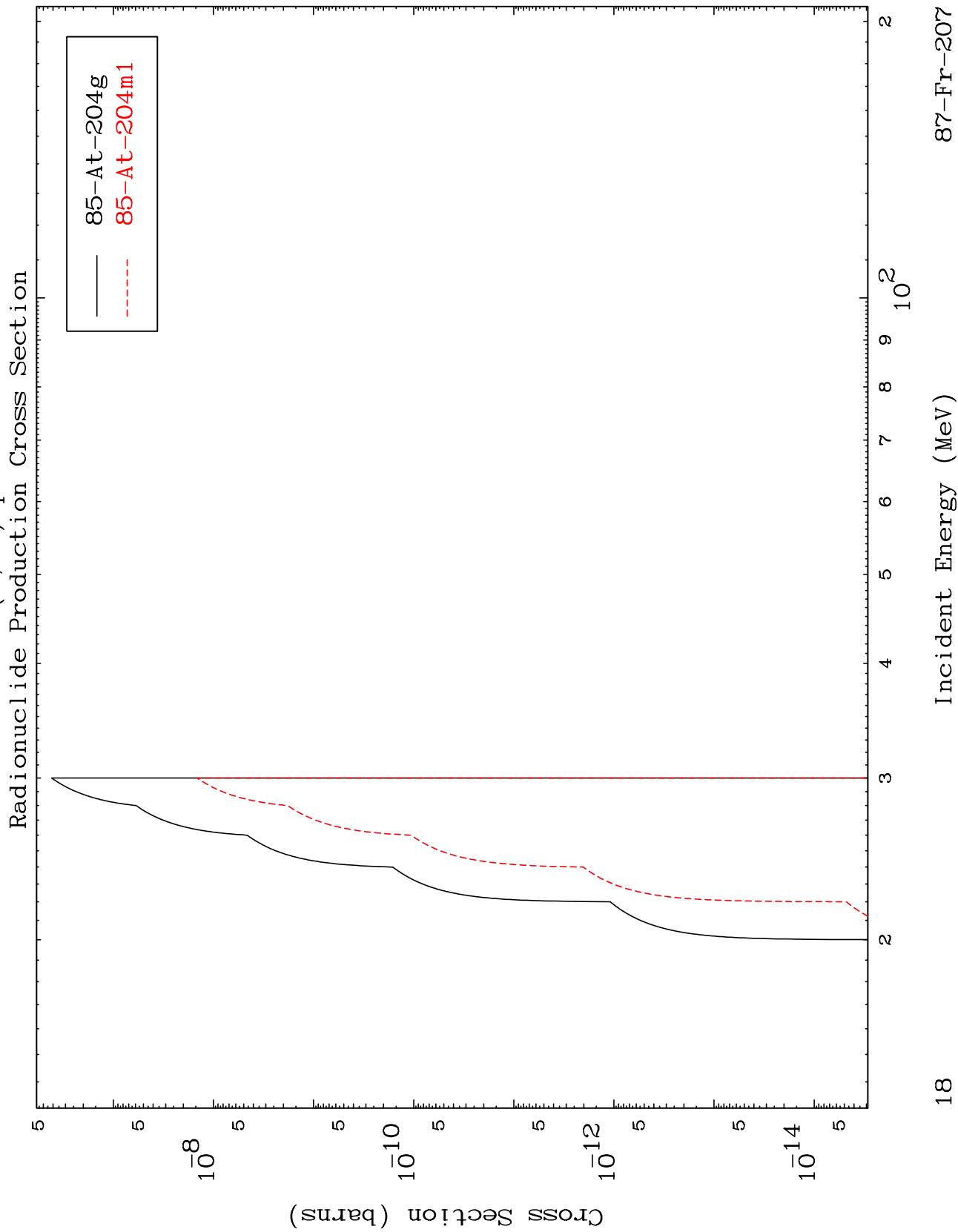
Radionuclide Production Cross Section



17

Incident Energy (MeV)

87-Fr-207

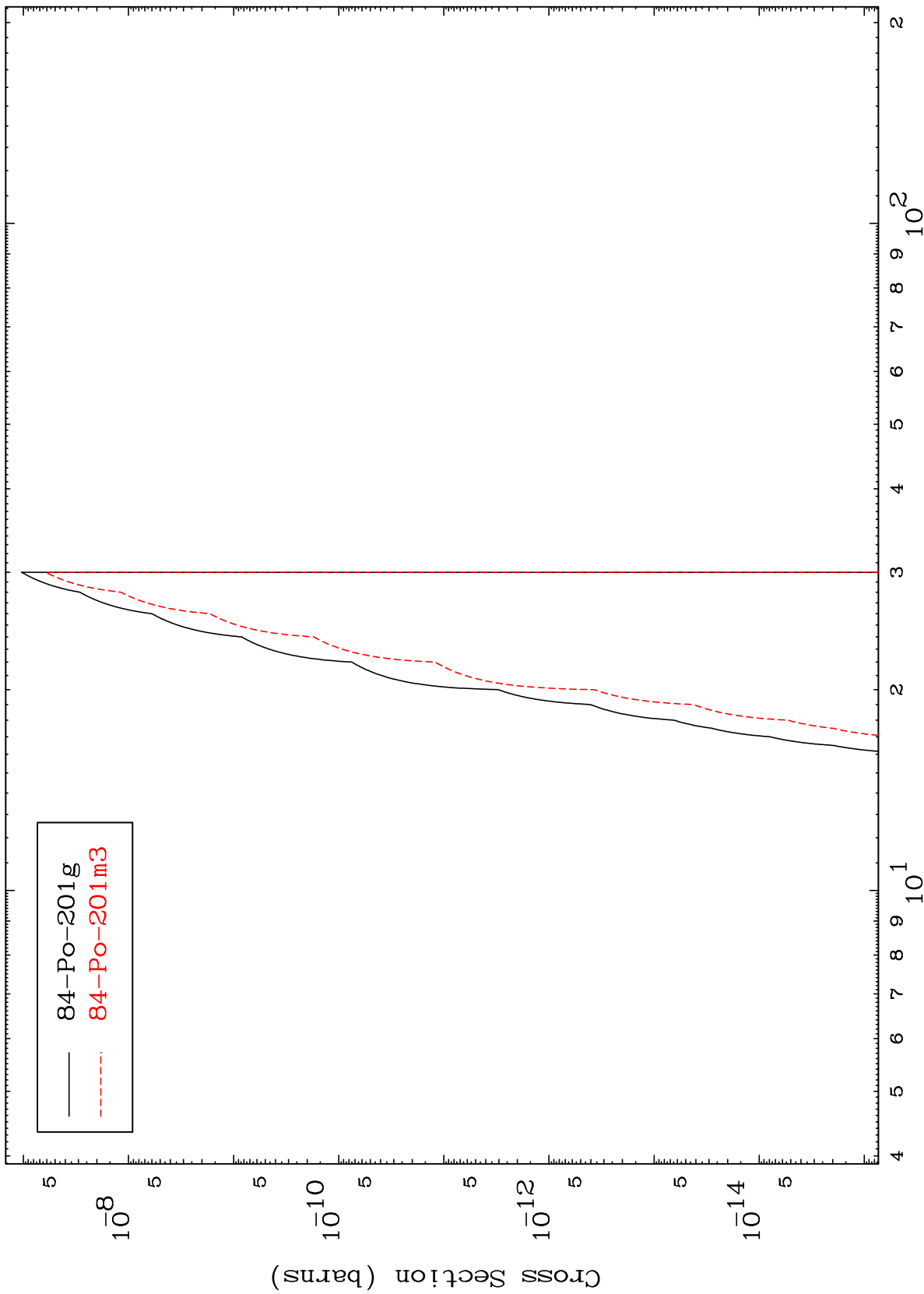


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(n,n') p α

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Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

19

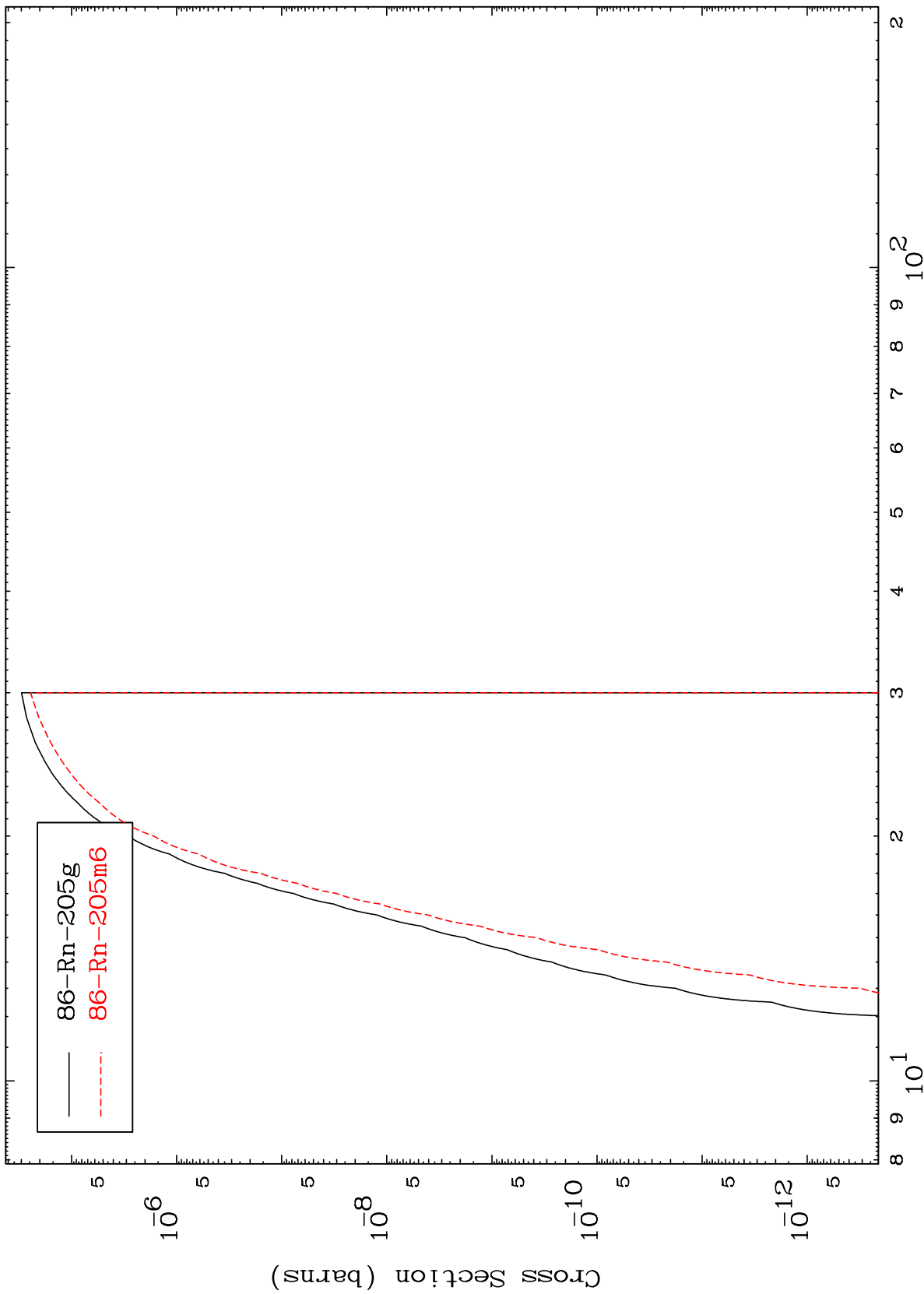
Incident Energy (MeV)

87-Fr-207

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87-Fr-207

(n,d)
Radionuclide Production Cross Section



86-Rn-205g
86-Rn-205m6

87-Fr-207

Incident Energy (MeV)

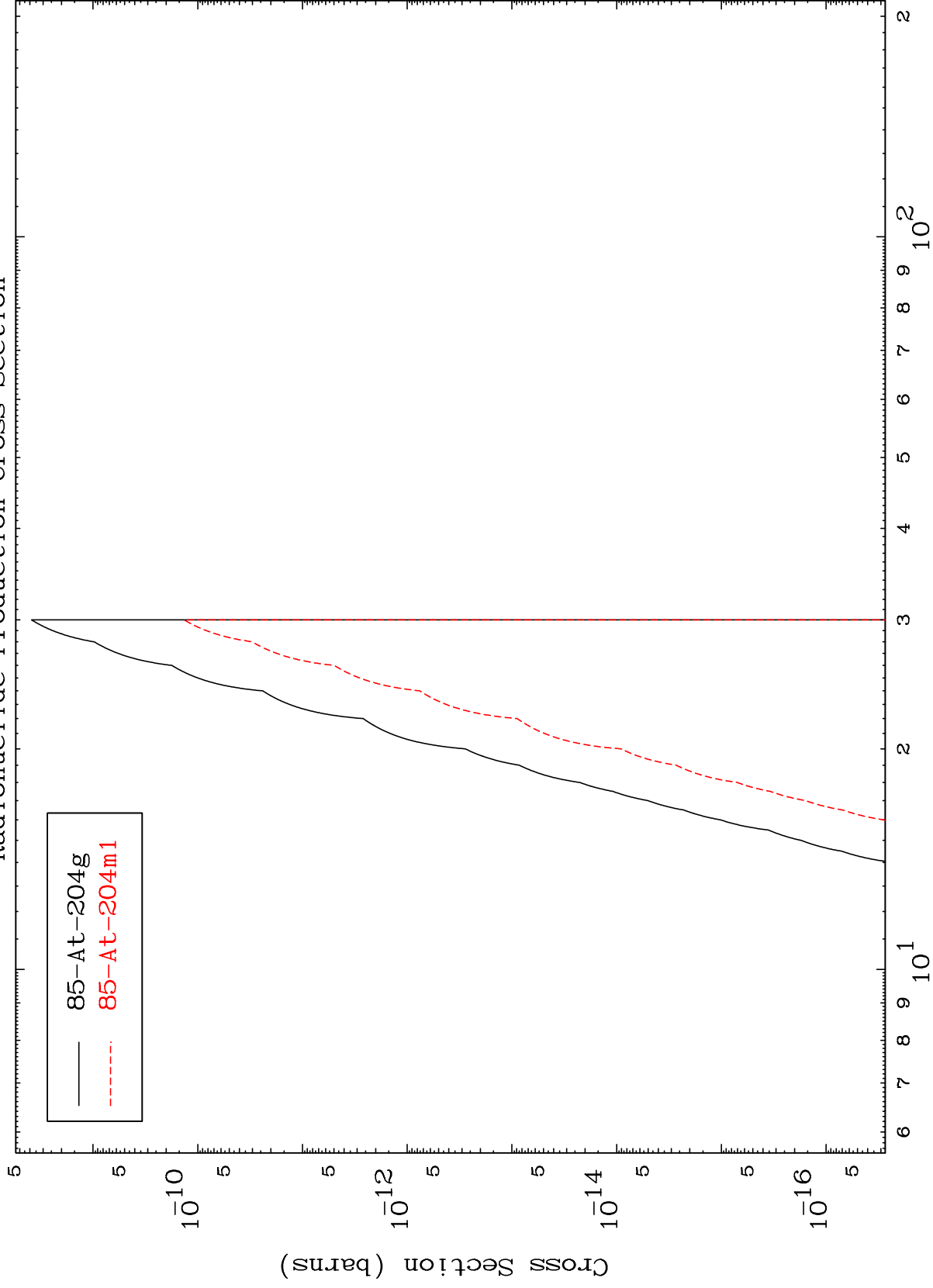
20

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(n,He-3)

87-Fr-207

Radionuclide Production Cross Section



21

Incident Energy (MeV)

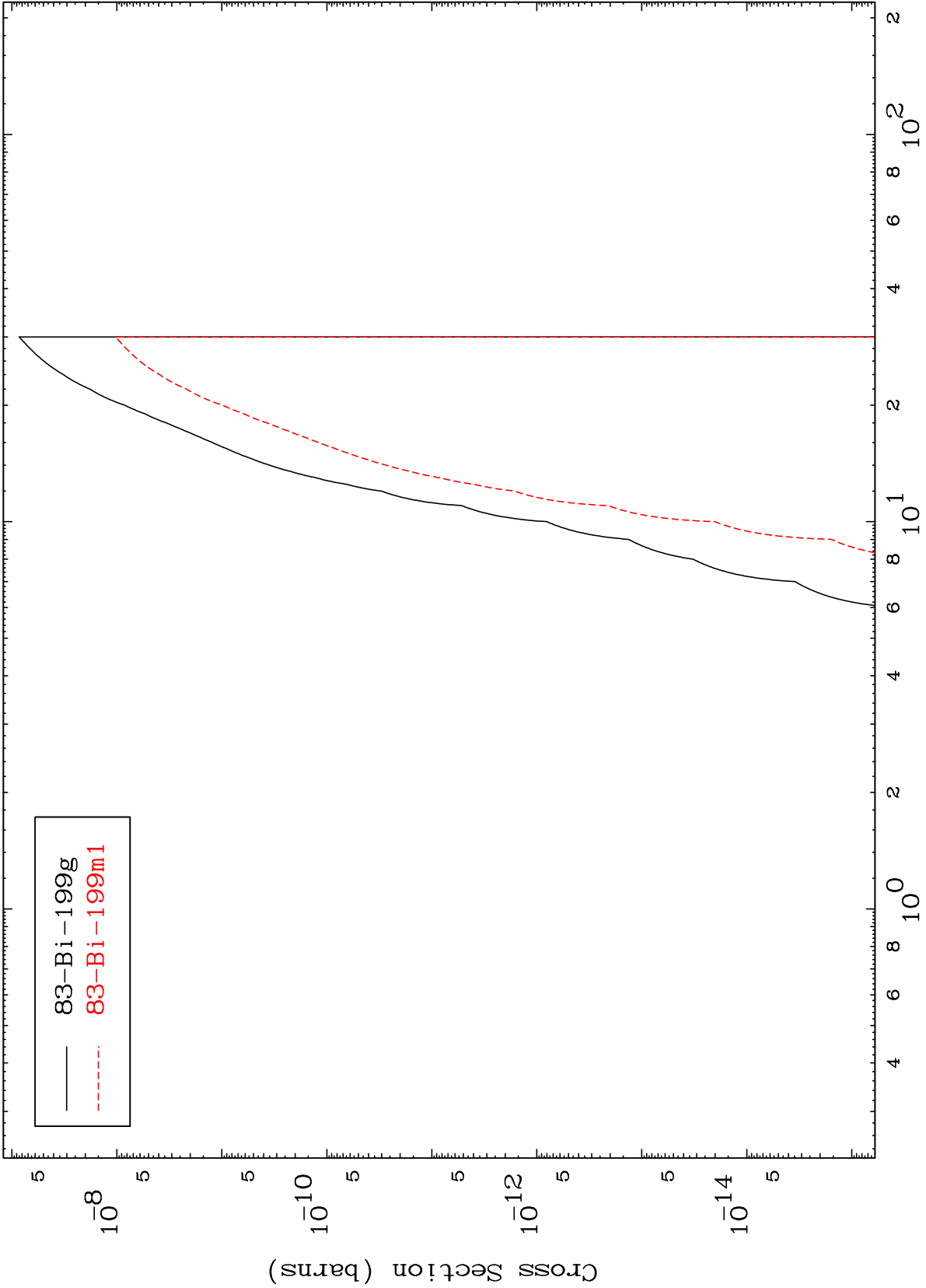
87-Fr-207

MAT 8710

(n,2α)

87-Fr-207

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-207

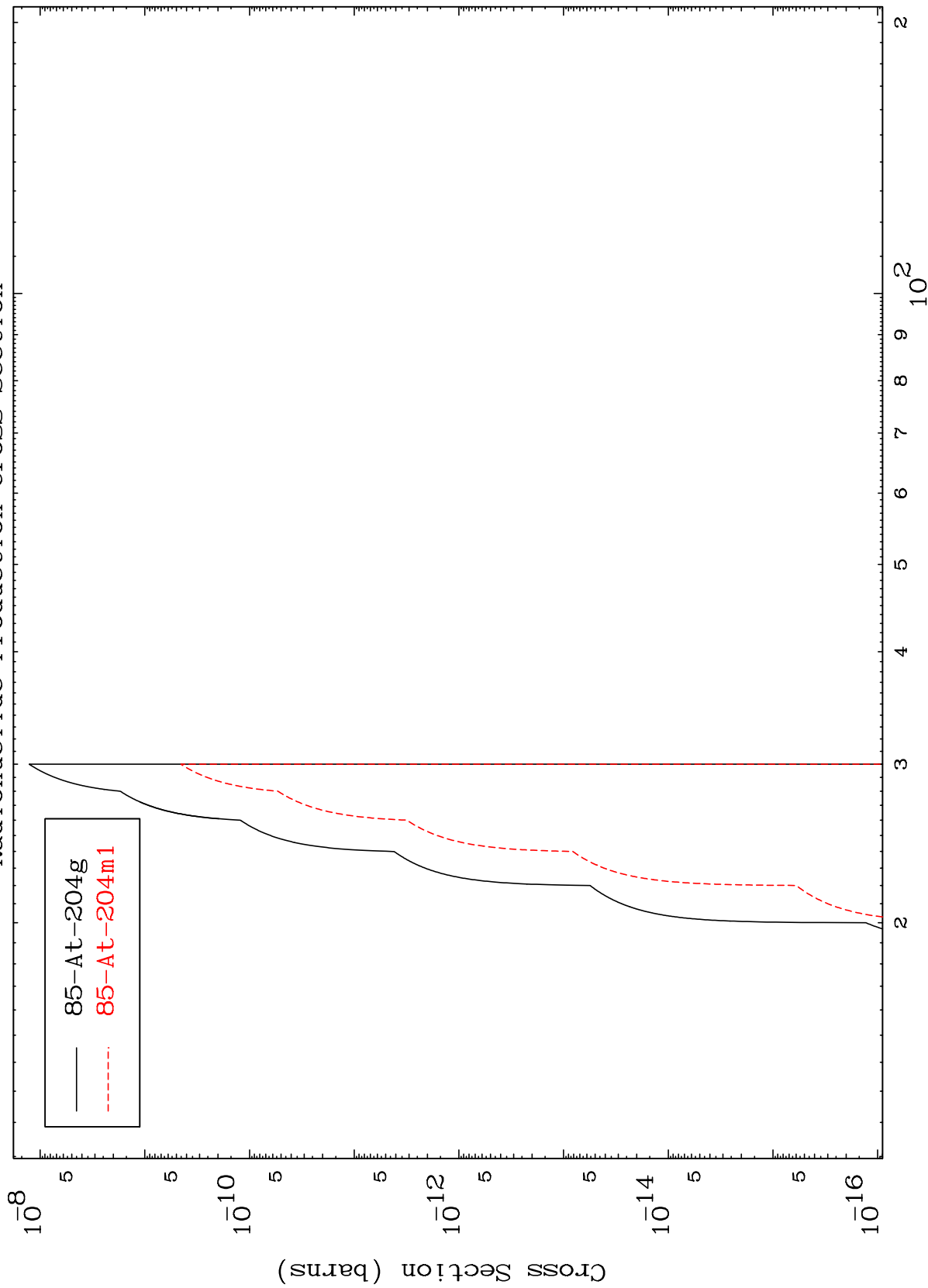
22

MAT 8710

(n,p) d

87-Fr-207

Radionuclide Production Cross Section



85-At-204g
85-At-204m1

Incident Energy (MeV)

87-Fr-207

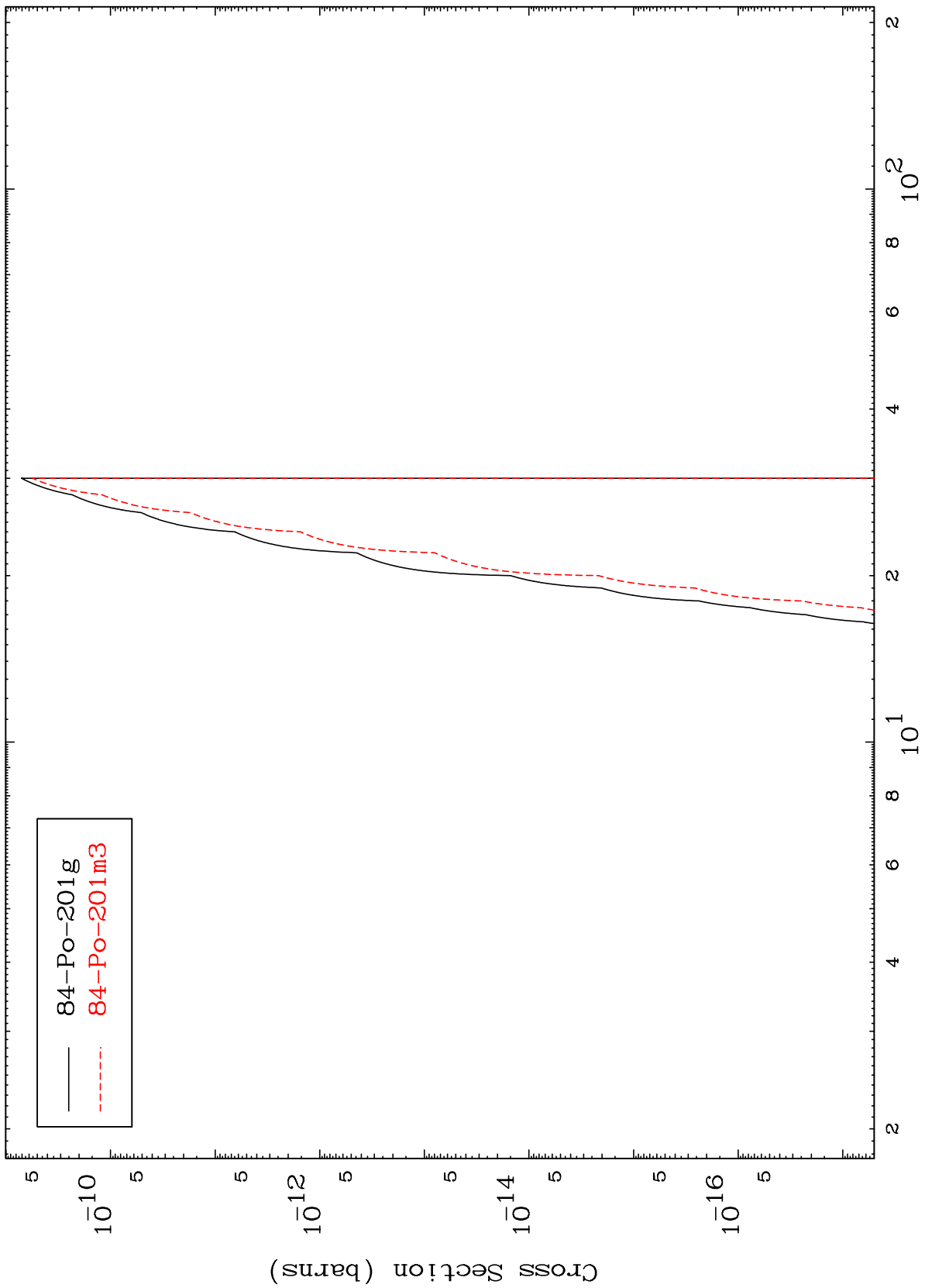
23

MAT 8710

(n,d) α

87-Fr-207

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

24

Incident Energy (MeV)

87-Fr-207