

Program EVALPLOT
(Version 2018-1)

by

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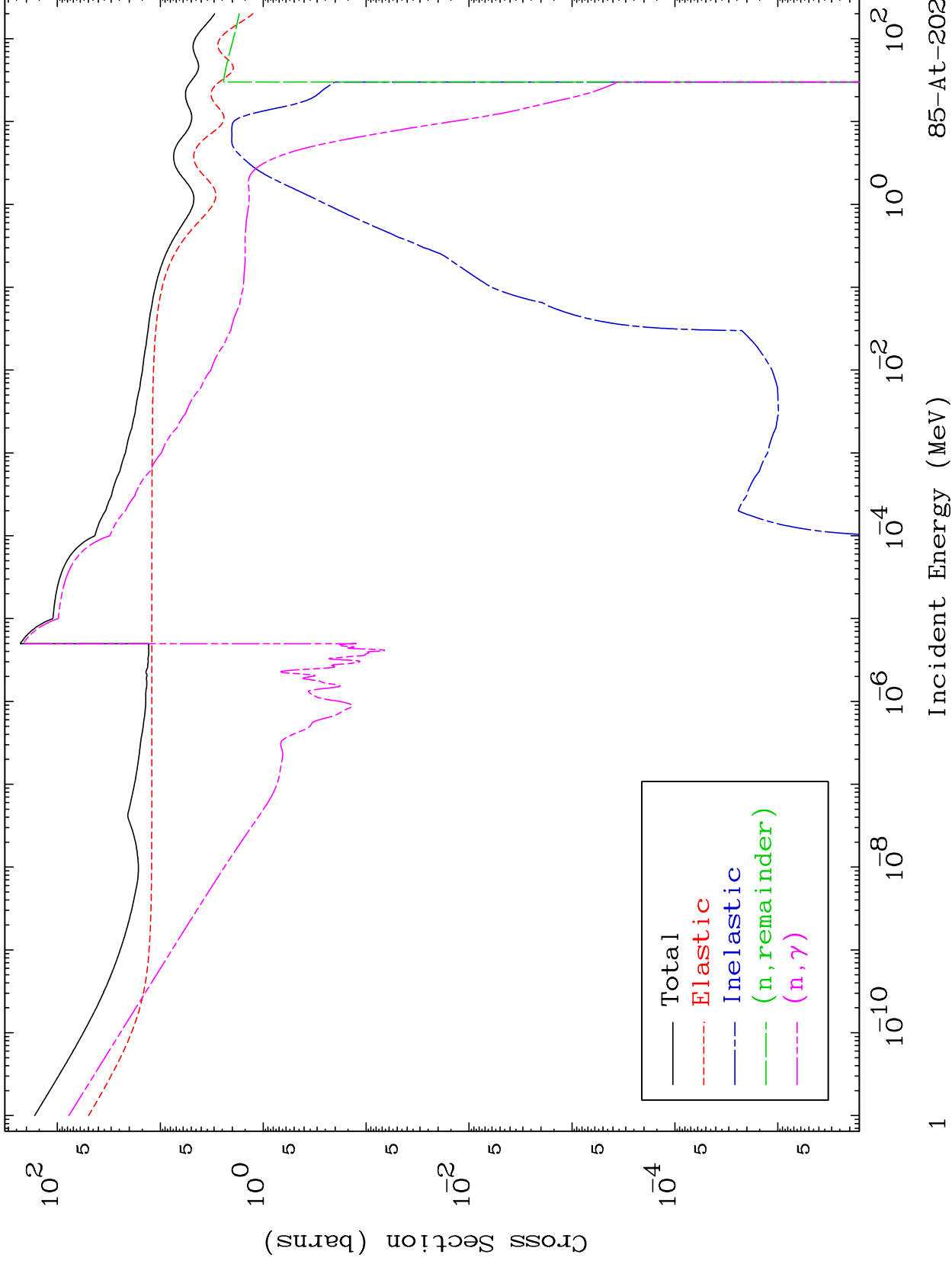
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8523

Major
293 Kelvin Cross Sections

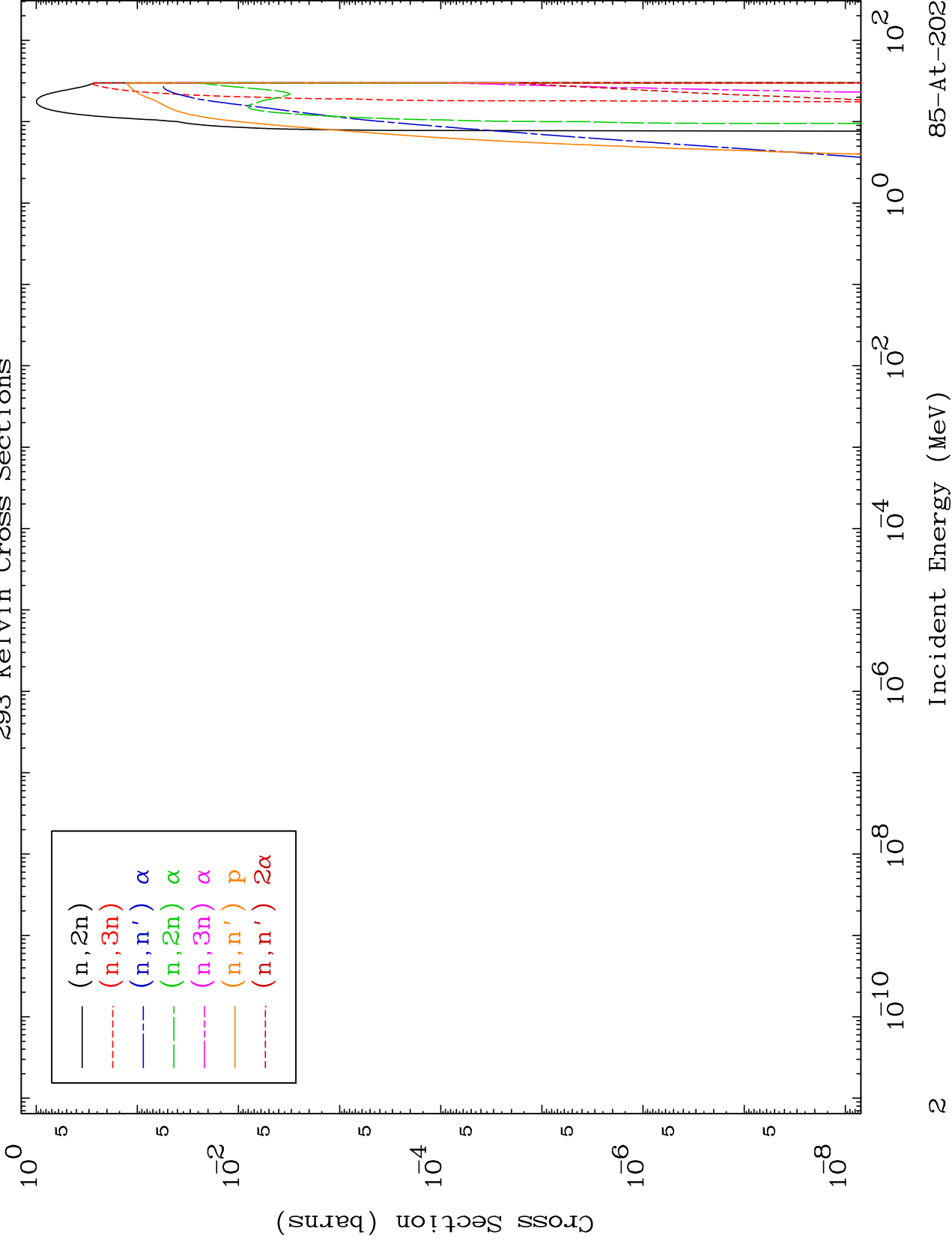
85-At-202



MAT 8523

Neutron Production
293 Kelvin Cross Sections

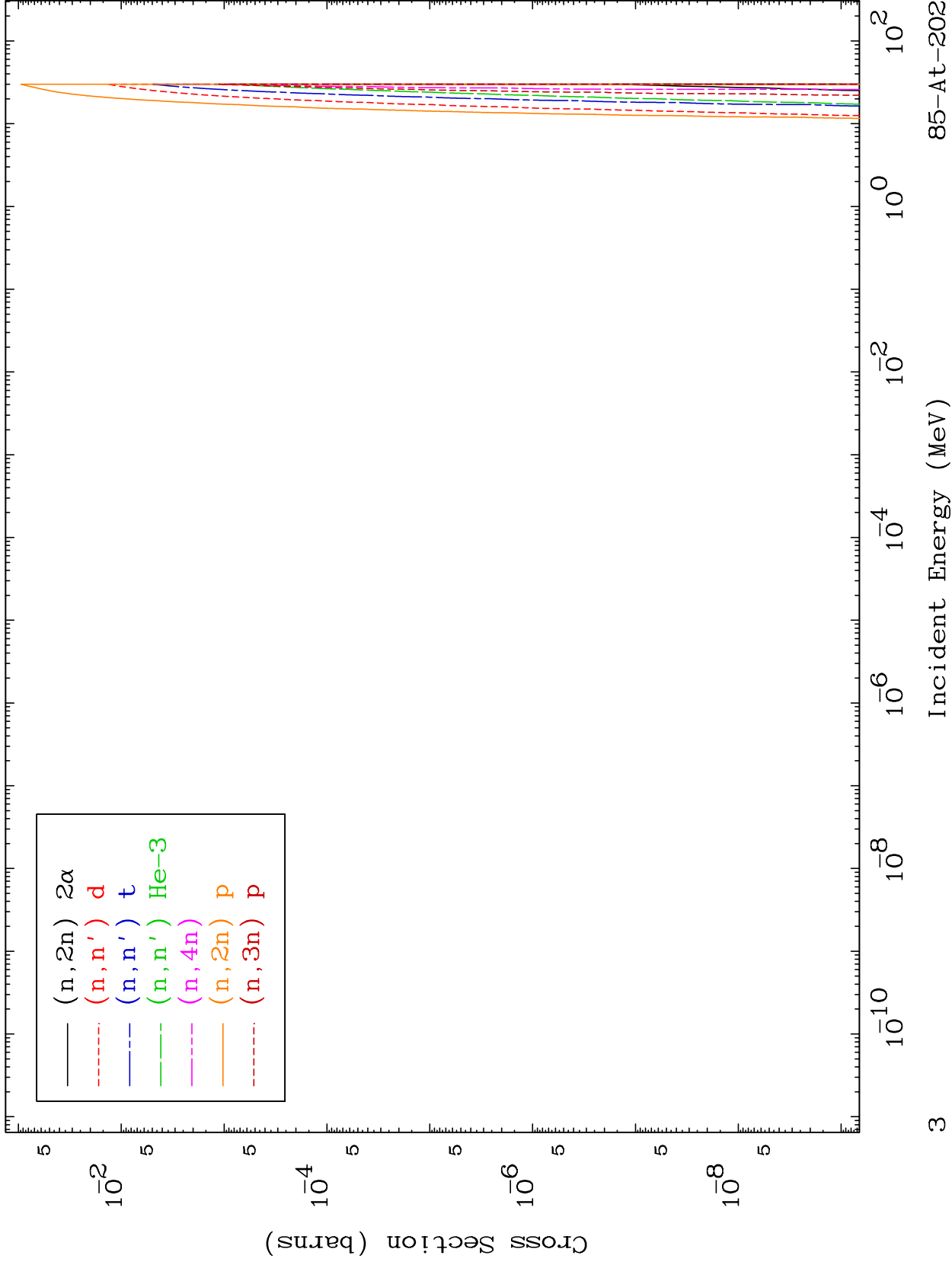
85-At-202



MAT 8523

Neutron Production
293 Kelvin Cross Sections

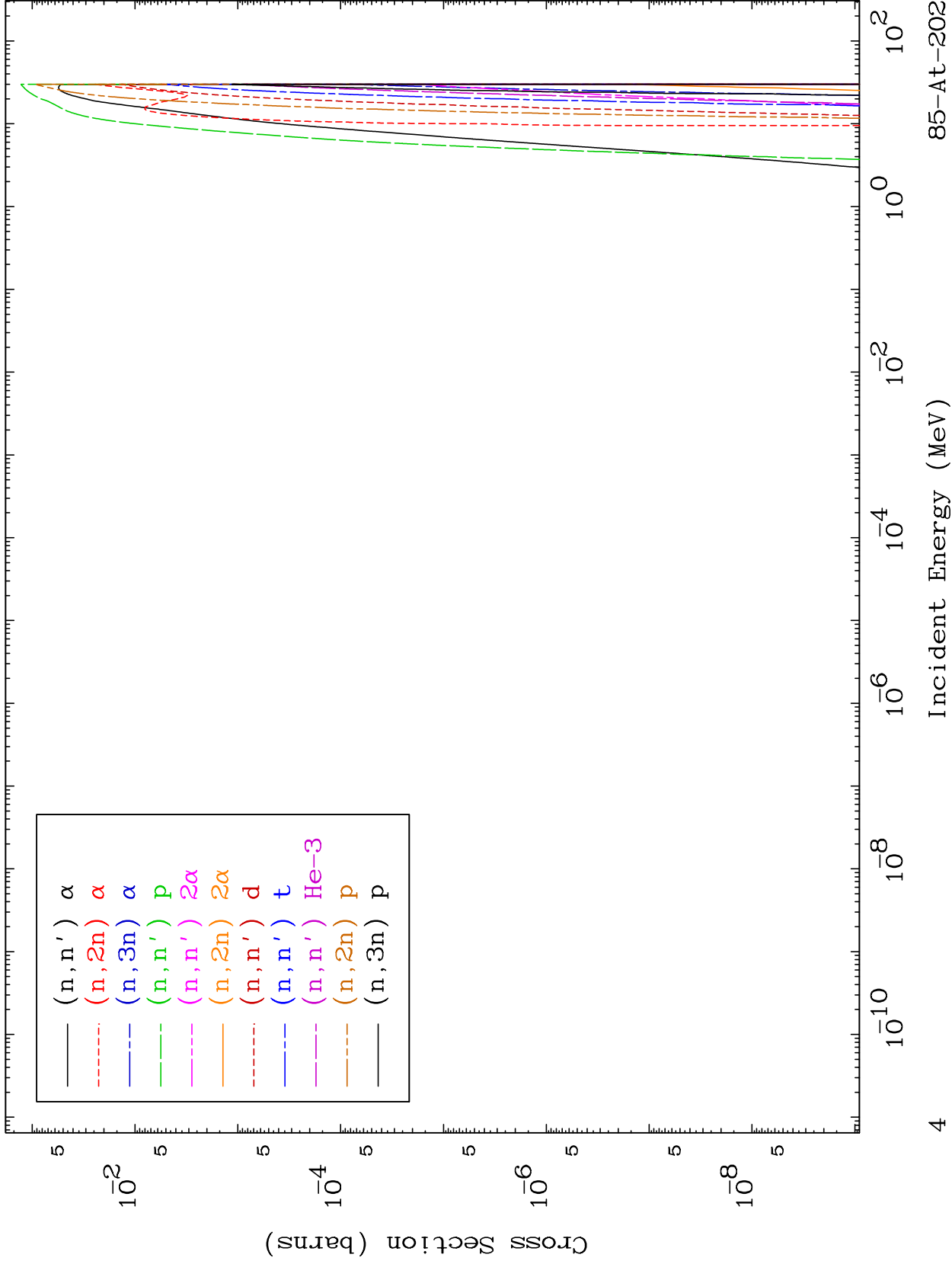
85-At-202



MAT 8523

Charged Particle
293 Kelvin Cross Sections

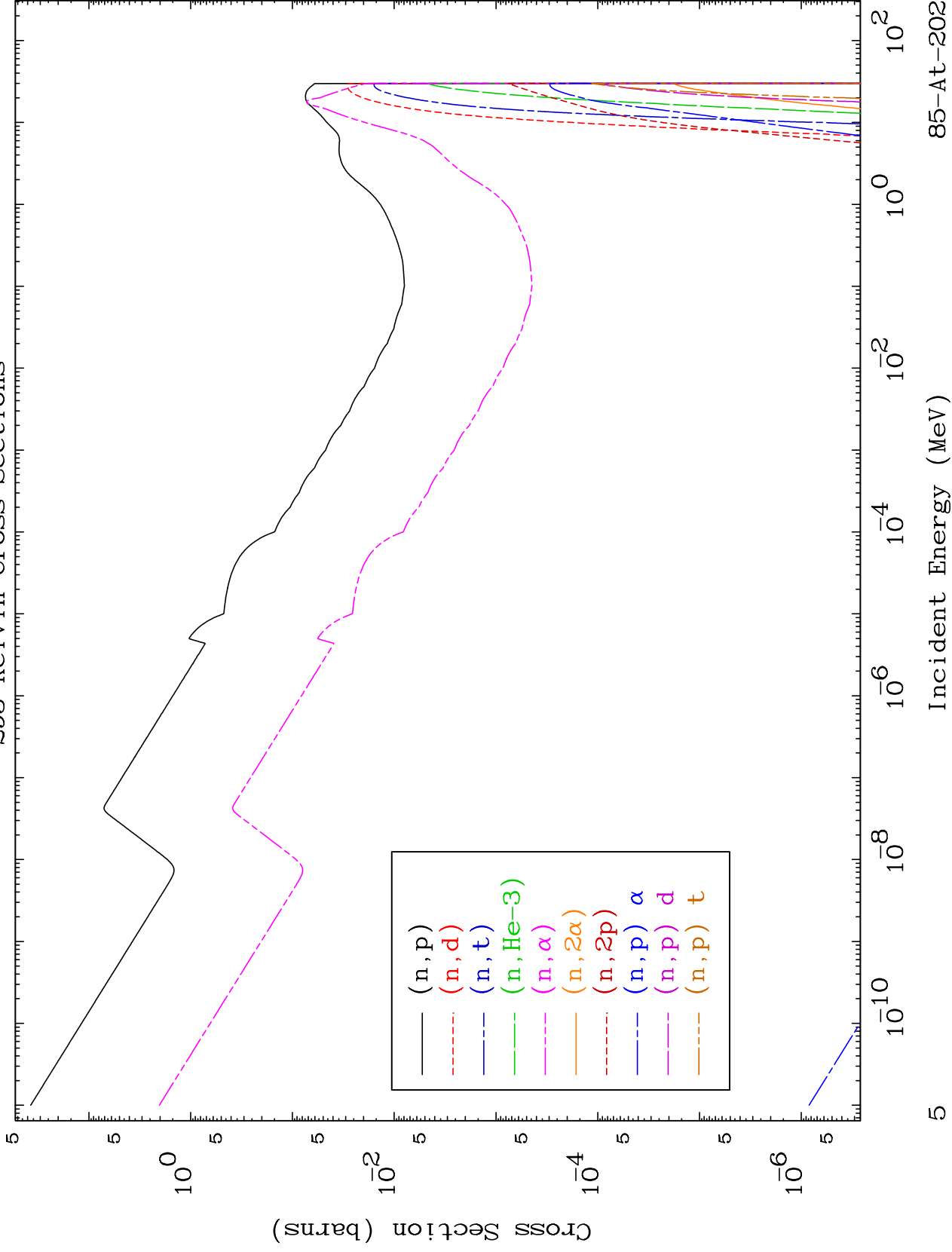
85-At-202



MAT 8523

Charged Particle
293 Kelvin Cross Sections

85-At-202



5

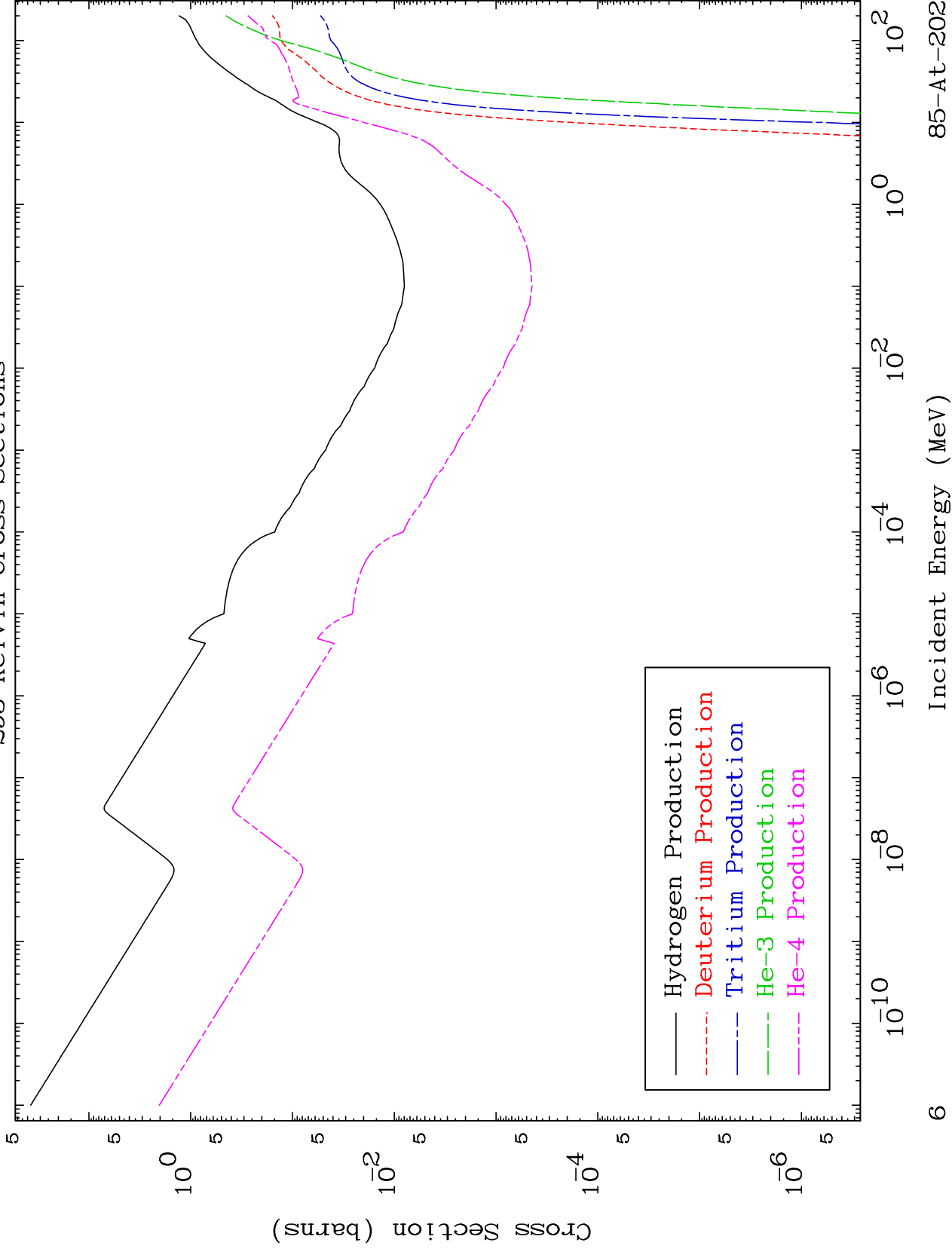
Incident Energy (MeV)

85-At-202

MAT 8523

Particle Production
293 Kelvin Cross Sections

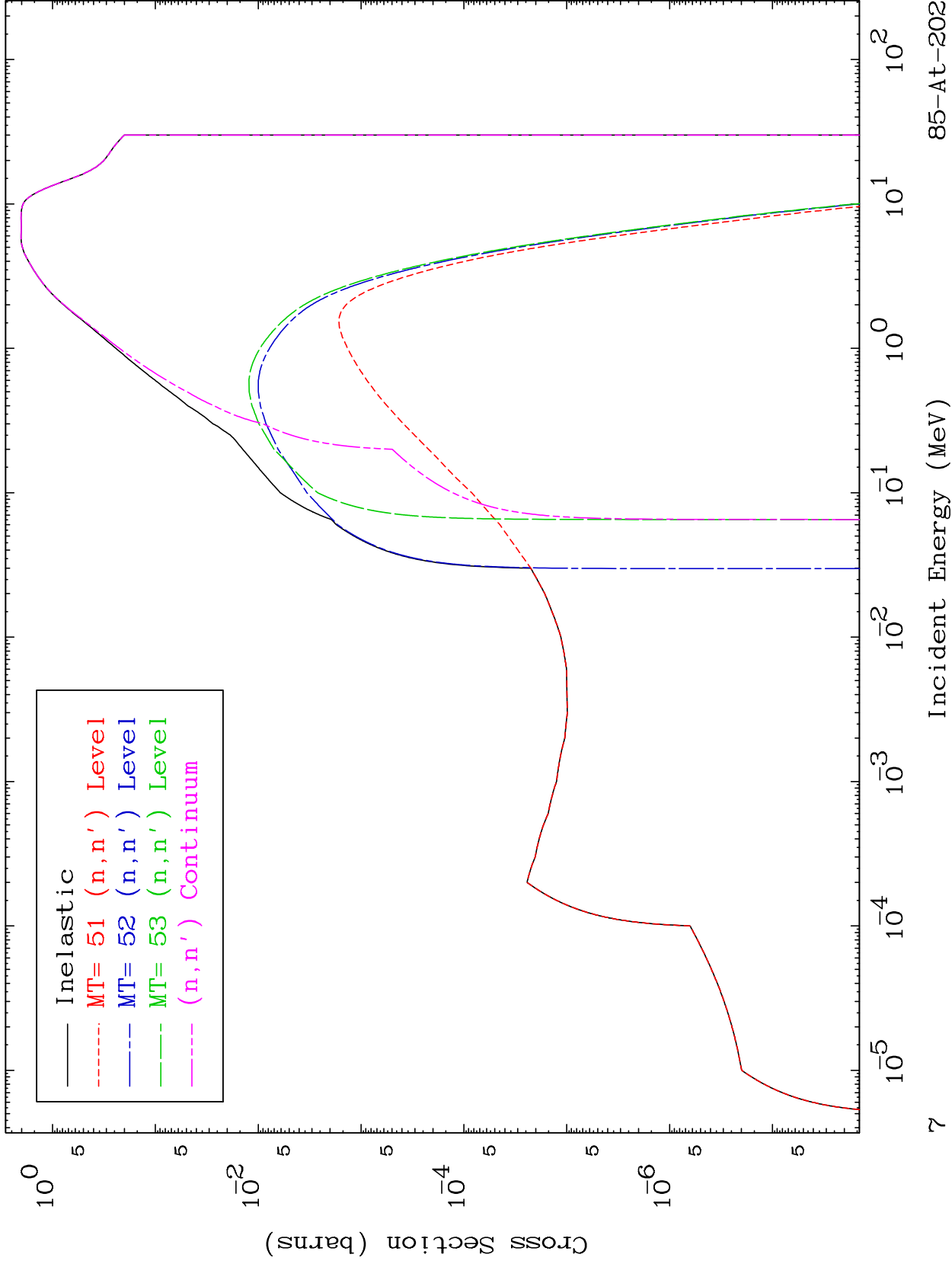
85-At-202



MAT 8523

293 Kelvin Cross Sections

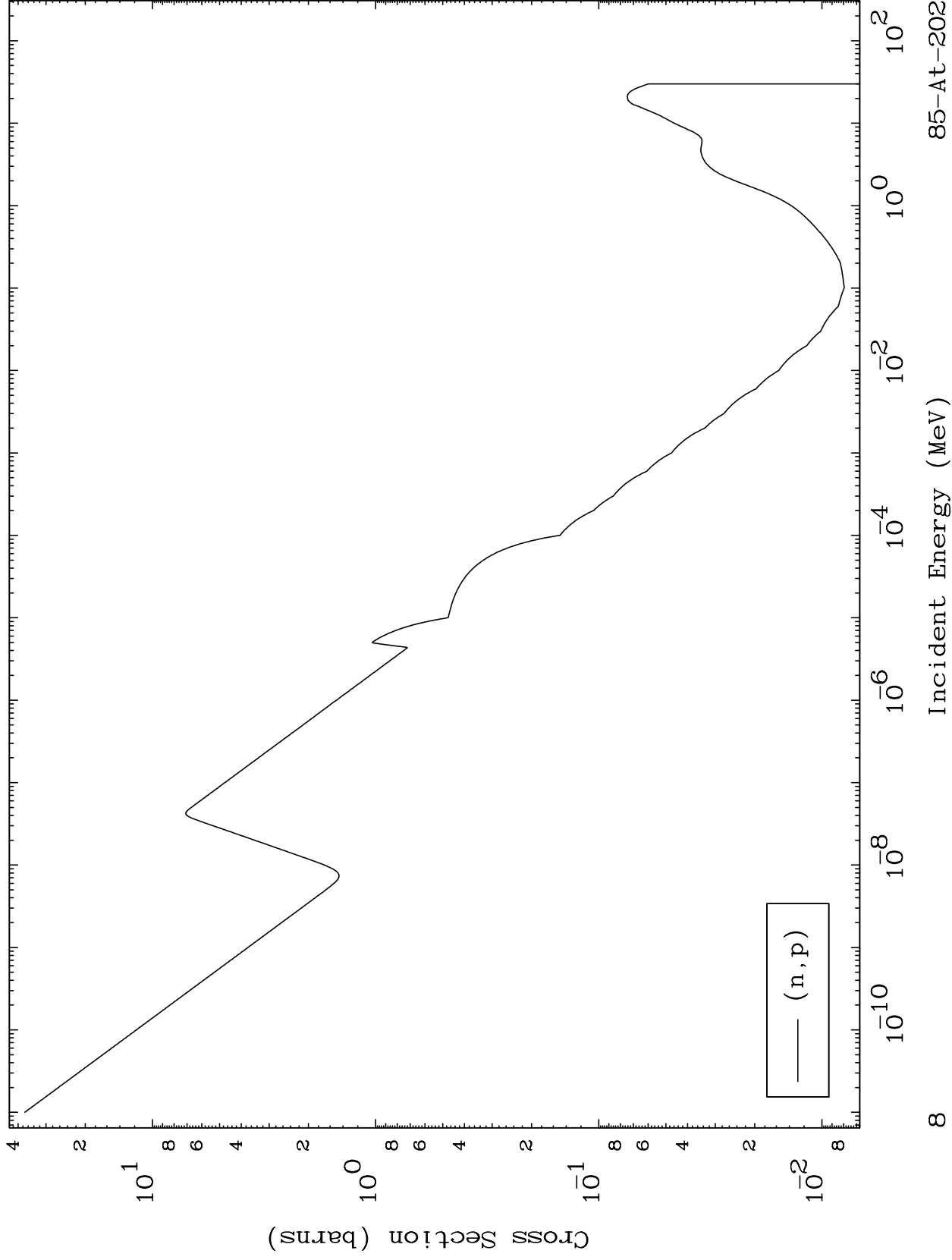
85-At-202



MAT 8523

(n,p) Levels
293 Kelvin Cross Sections

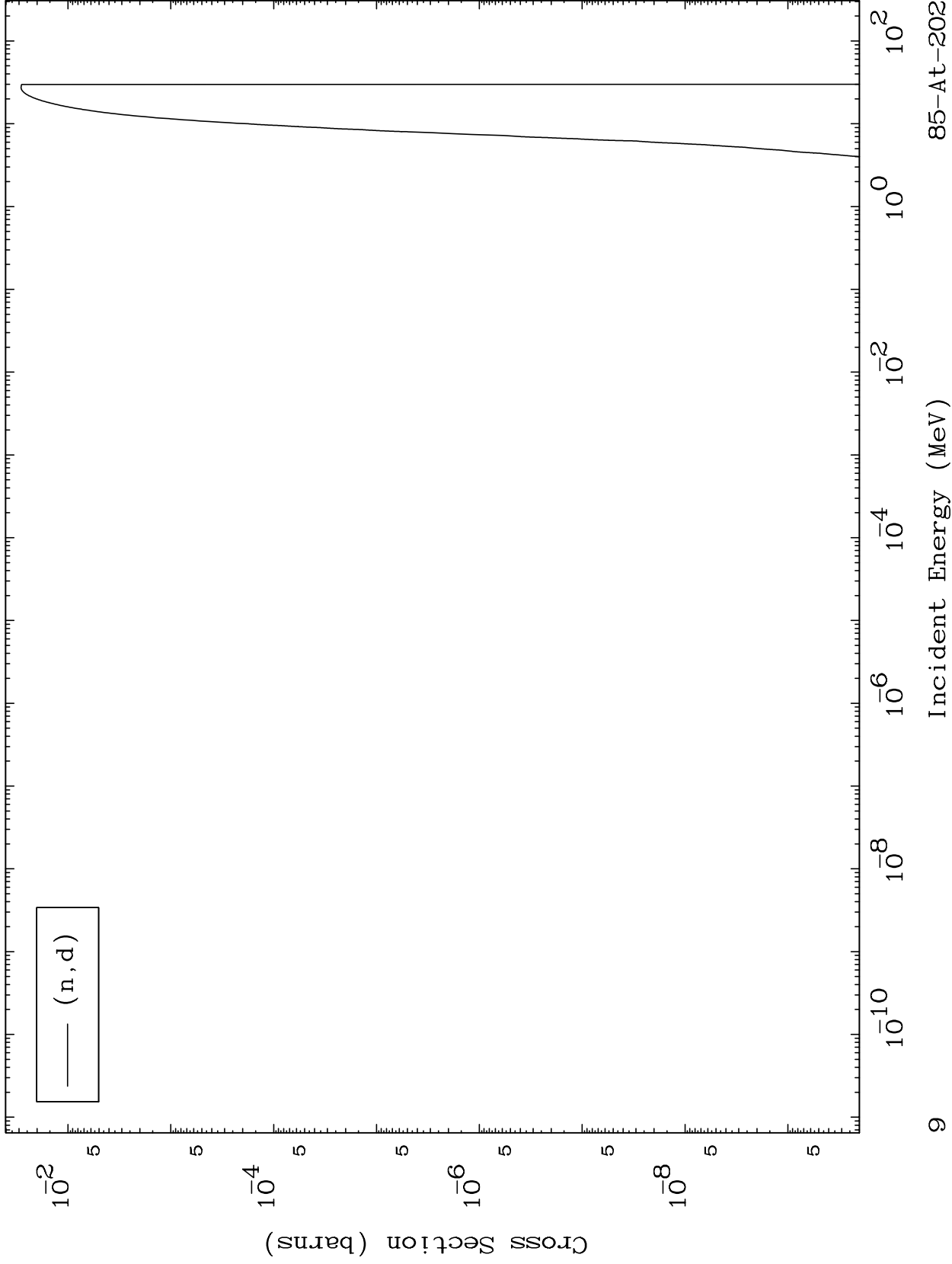
85-At-202



MAT 8523

(n,d) Levels
293 Kelvin Cross Sections

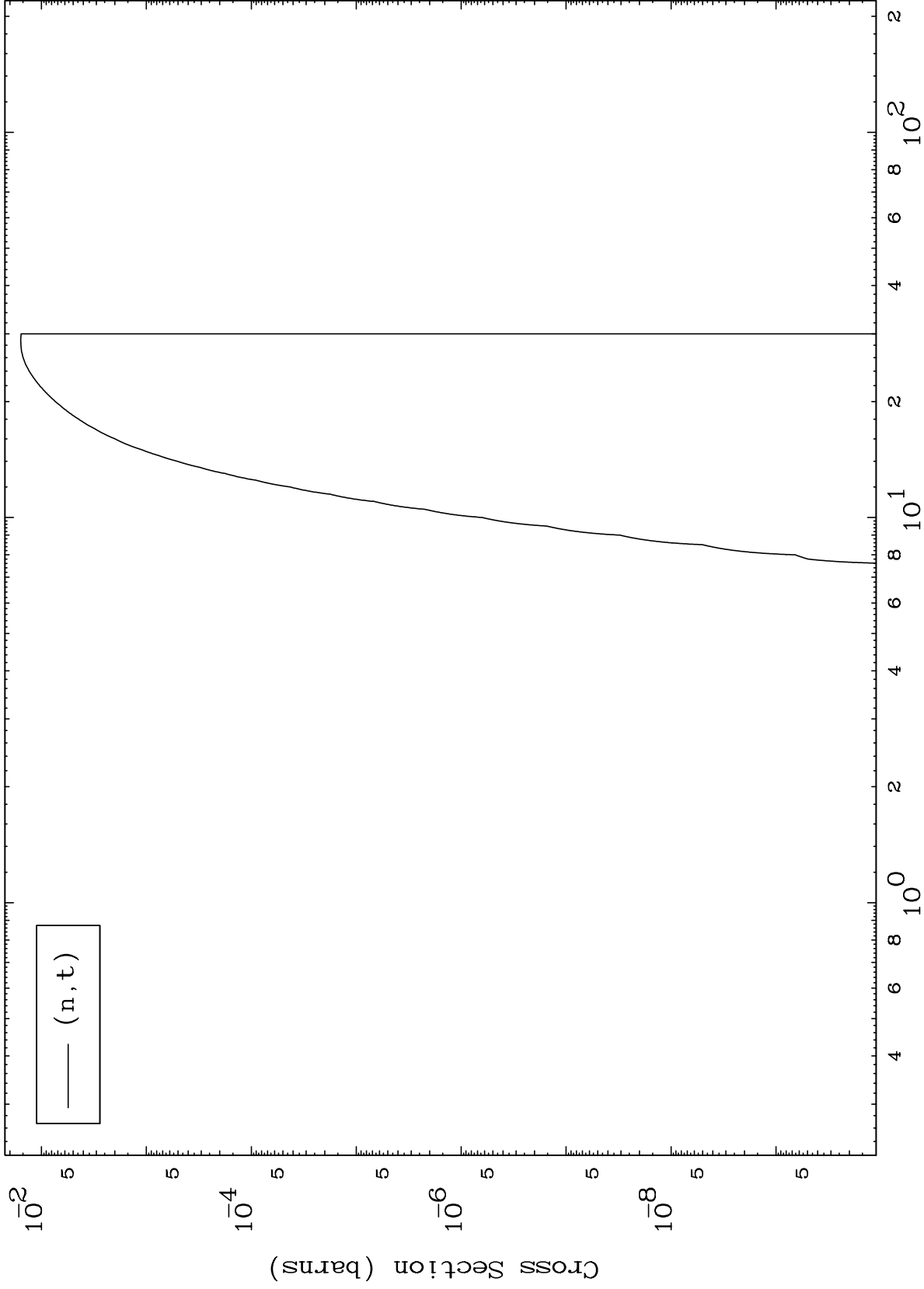
85-At-202



MAT 8523

(n,t) Levels
293 Kelvin Cross Sections

85-At-202



10

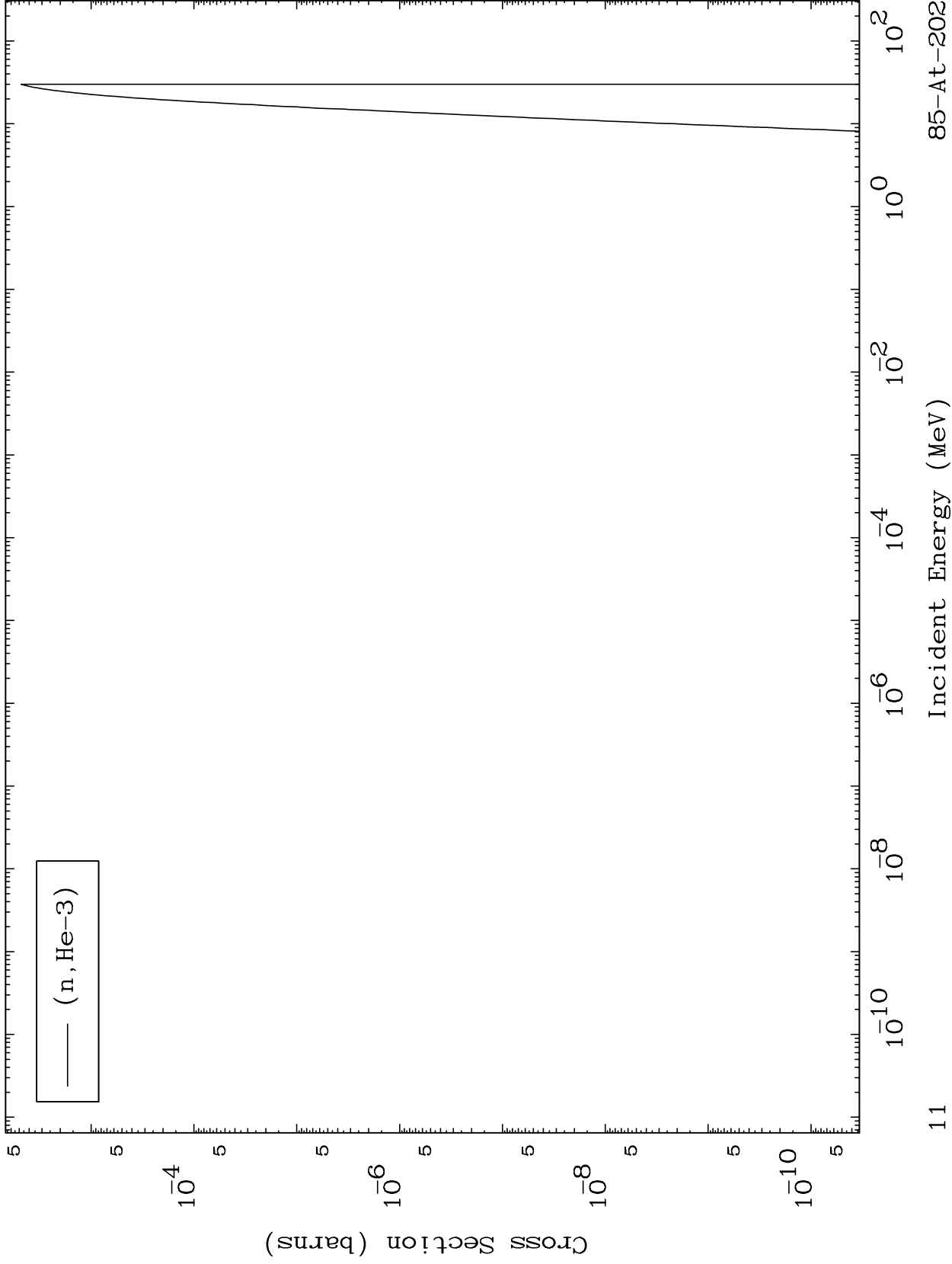
Incident Energy (MeV)

85-At-202

MAT 85223

(n,He3) Levels
293 Kelvin Cross Sections

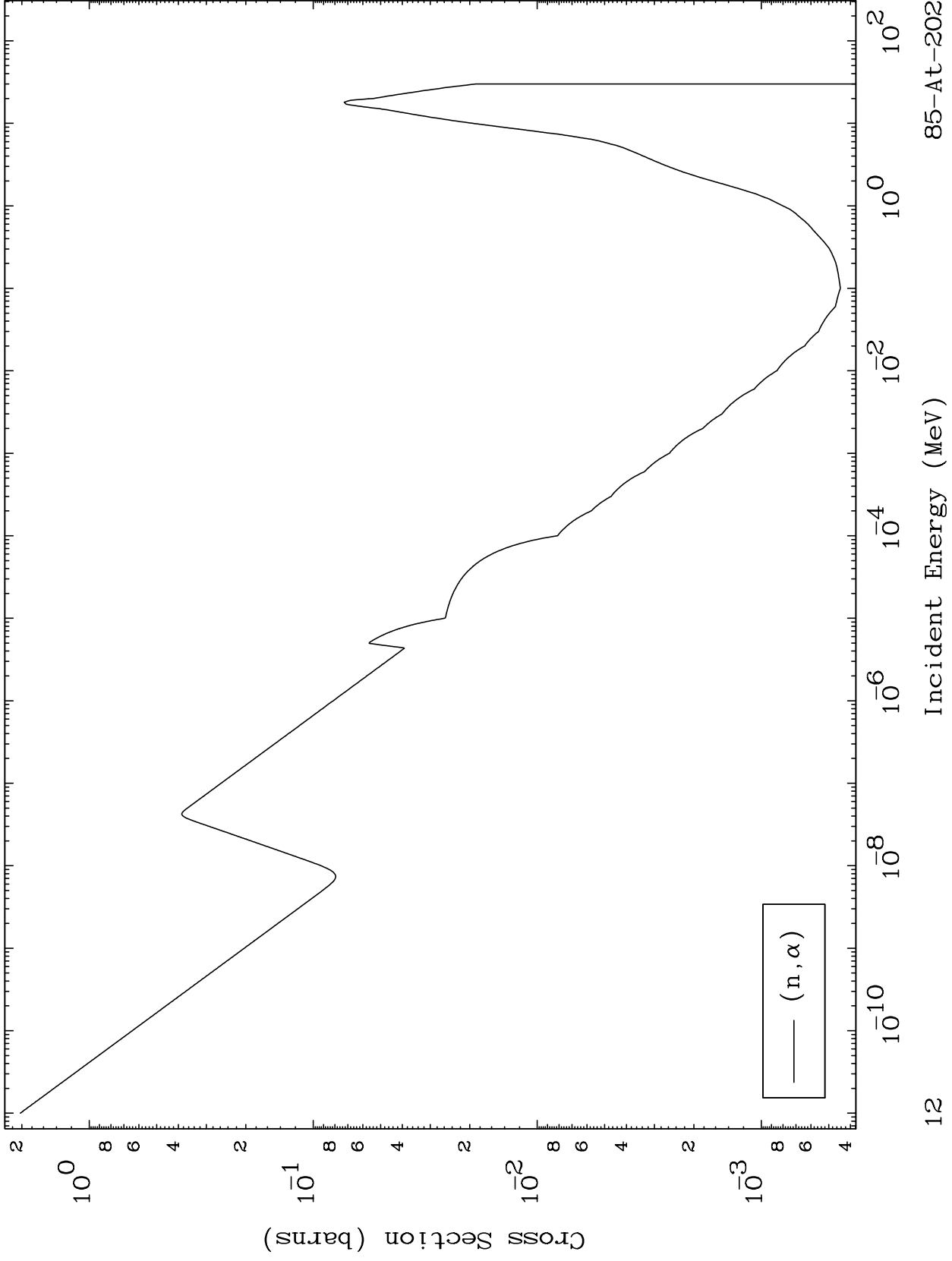
85-At-202

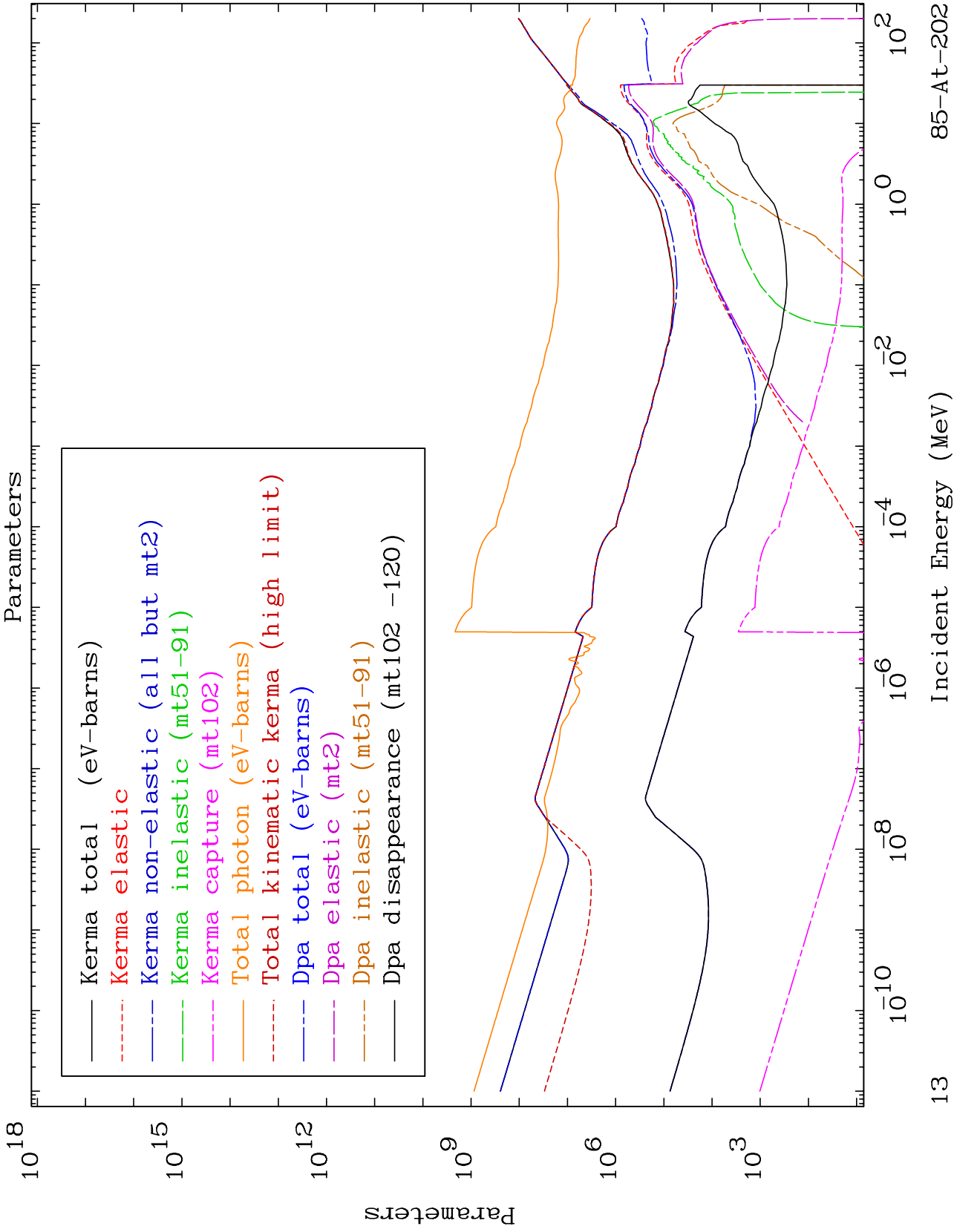


MAT 8523

(n,α) Levels
293 Kelvin Cross Sections

85-At-202

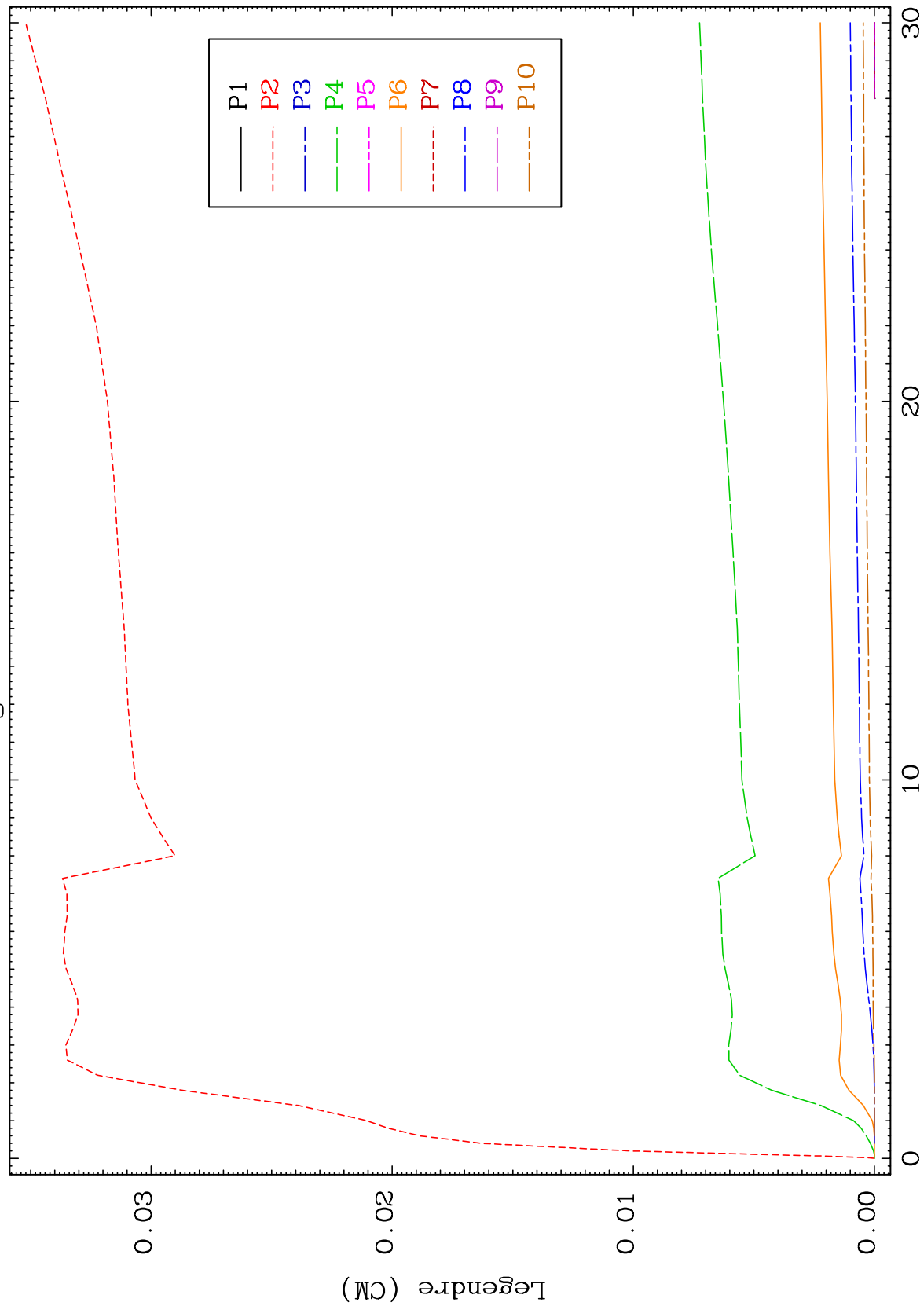




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Elastic Legendre Coefficients

85-At-202



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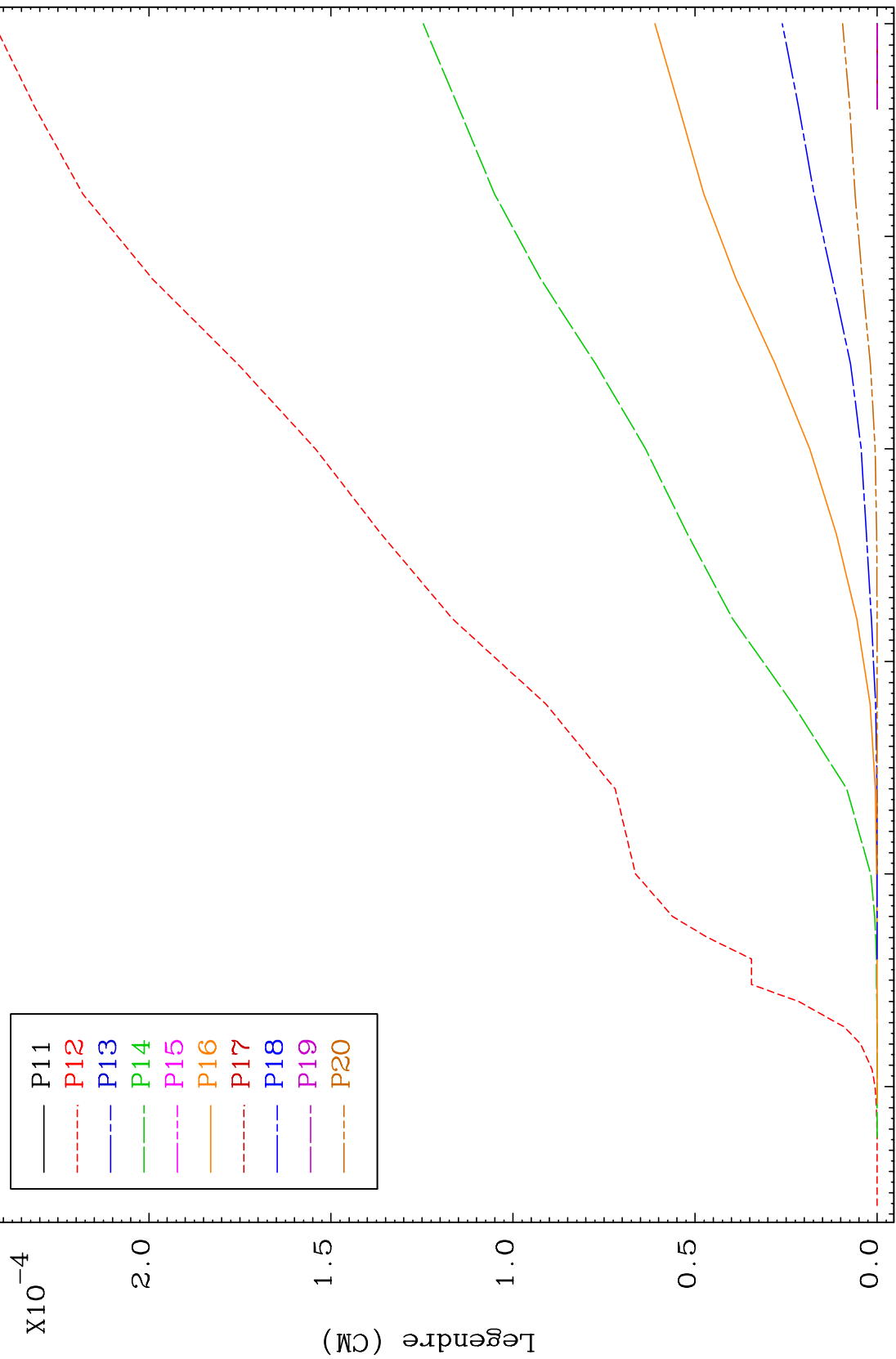
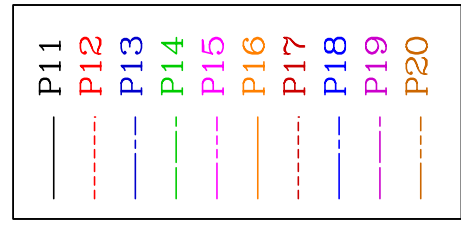
Incident Energy (MeV)

85-At-202

MAT 8523

Elastic Legendre Coefficients

85-At-202



15

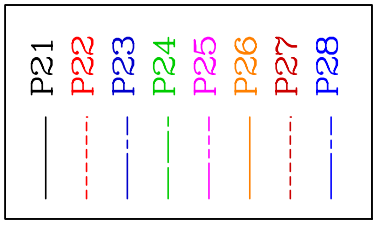
Incident Energy (MeV)

85-At-202

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Elastic Legendre Coefficients

85-At-202



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

Incident Energy (MeV)

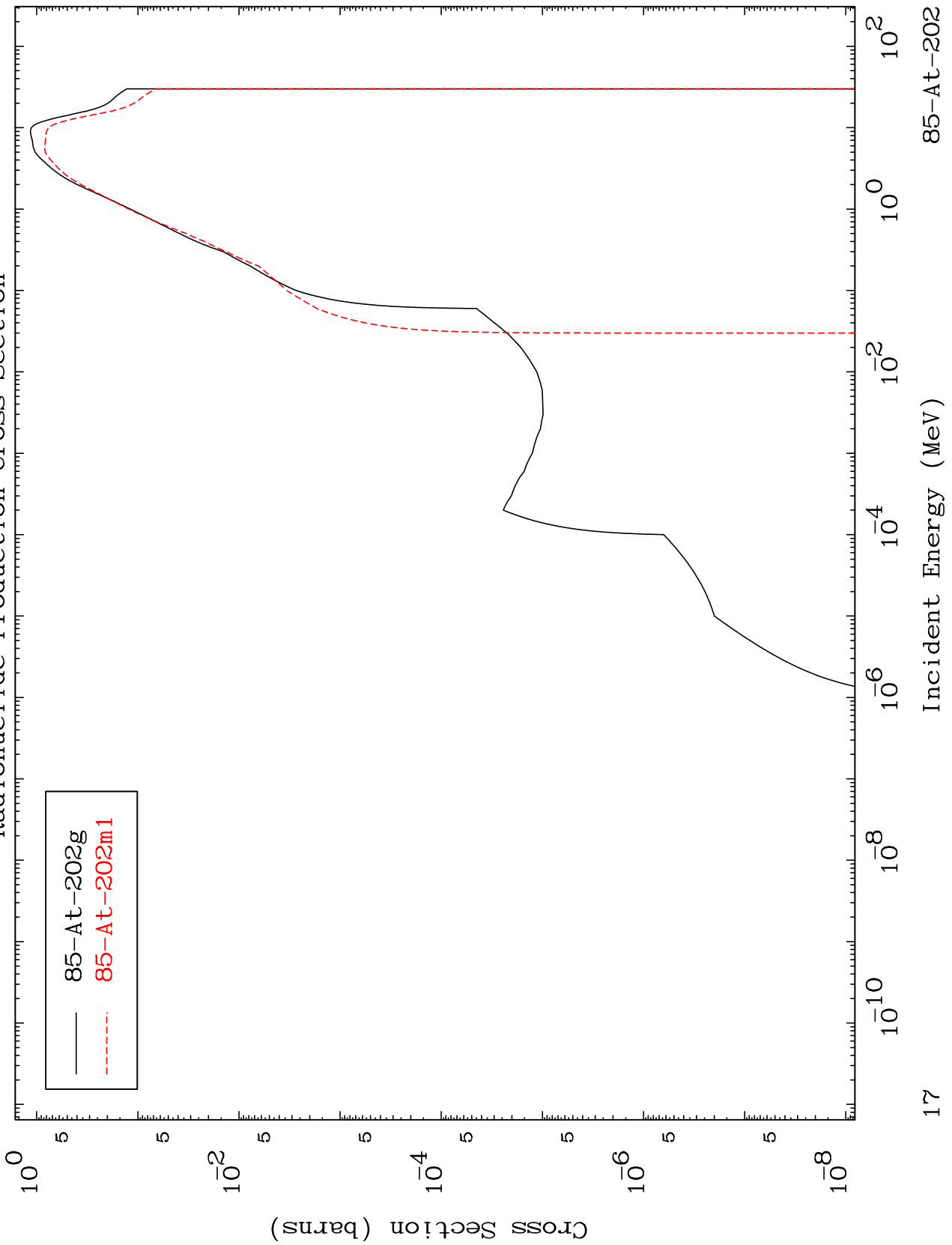
85-At-202

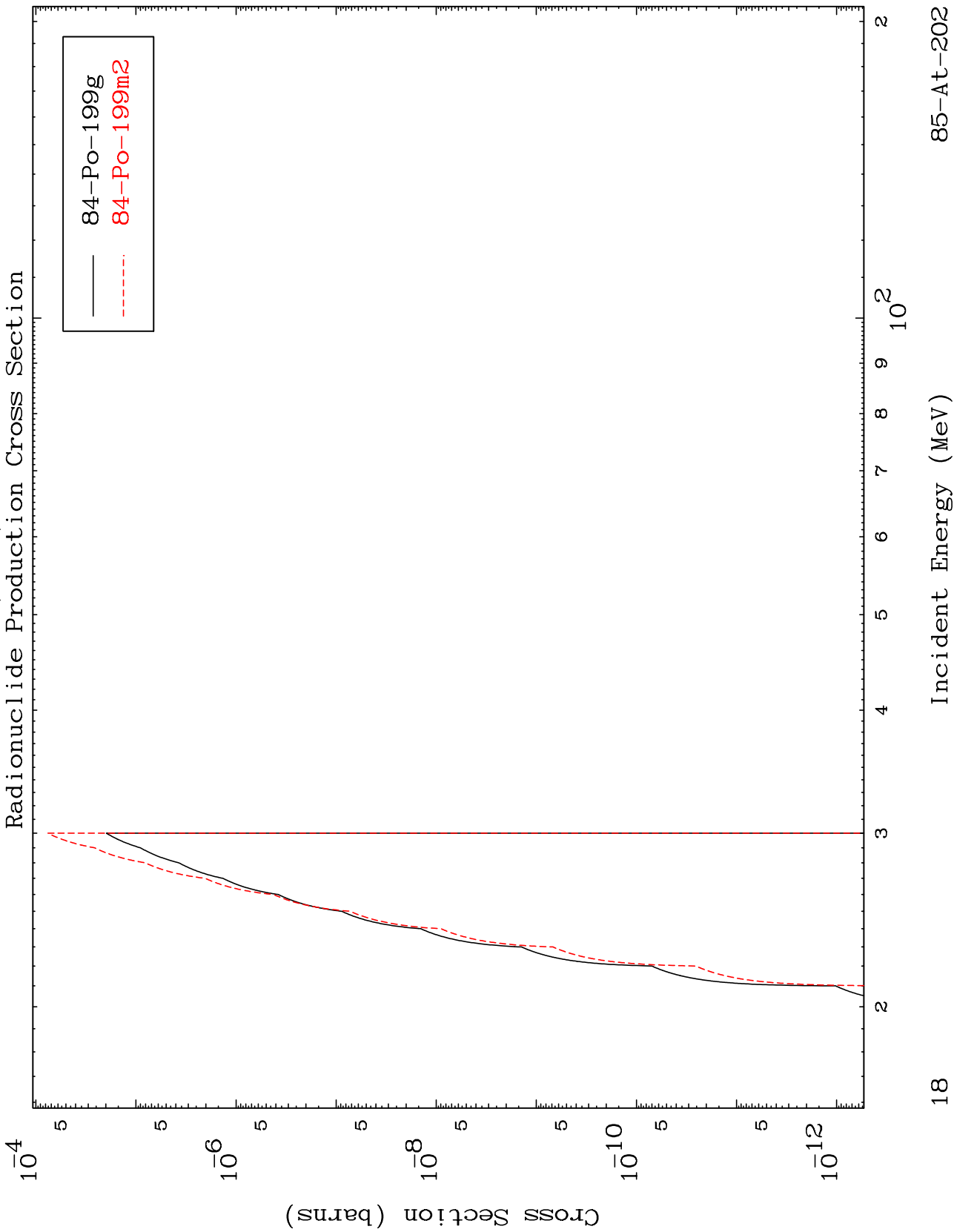
16

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Inelastic
Radionuclide Production Cross Section

85-At-202

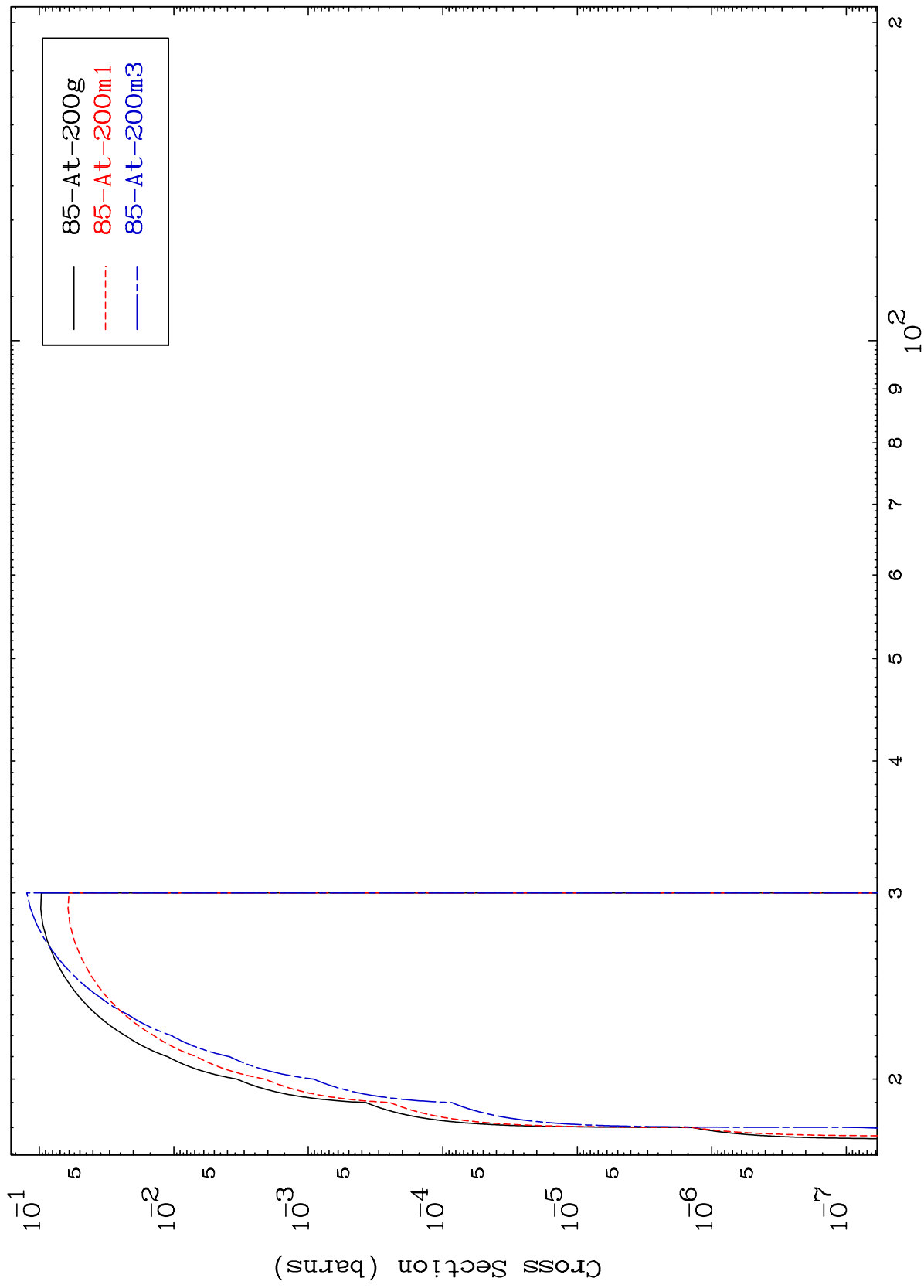




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85-At-202

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

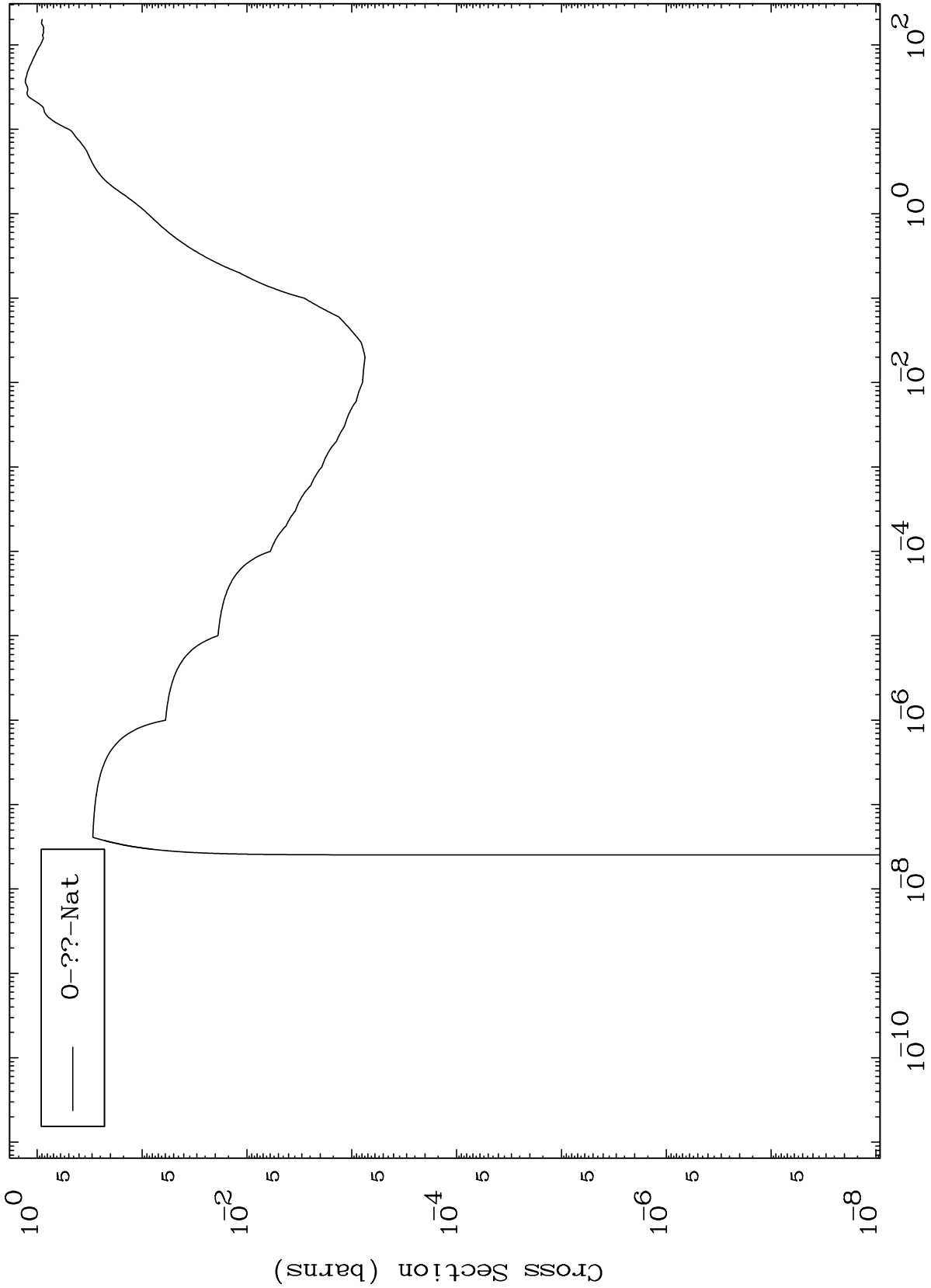
85-At-202

MAT 8523

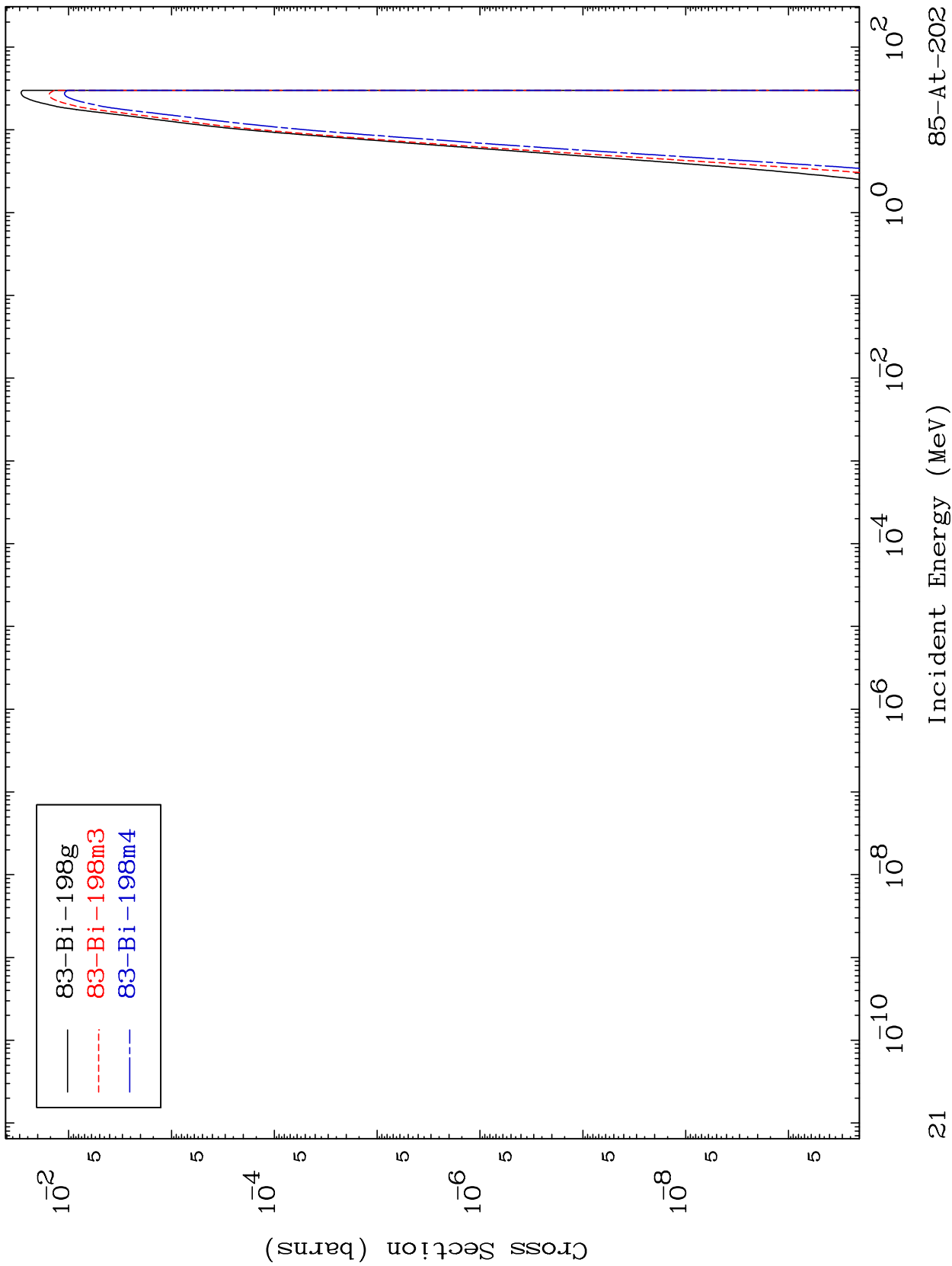
Fission

85-At-202

Radionuclide Production Cross Section



Radionuclide Production Cross Section



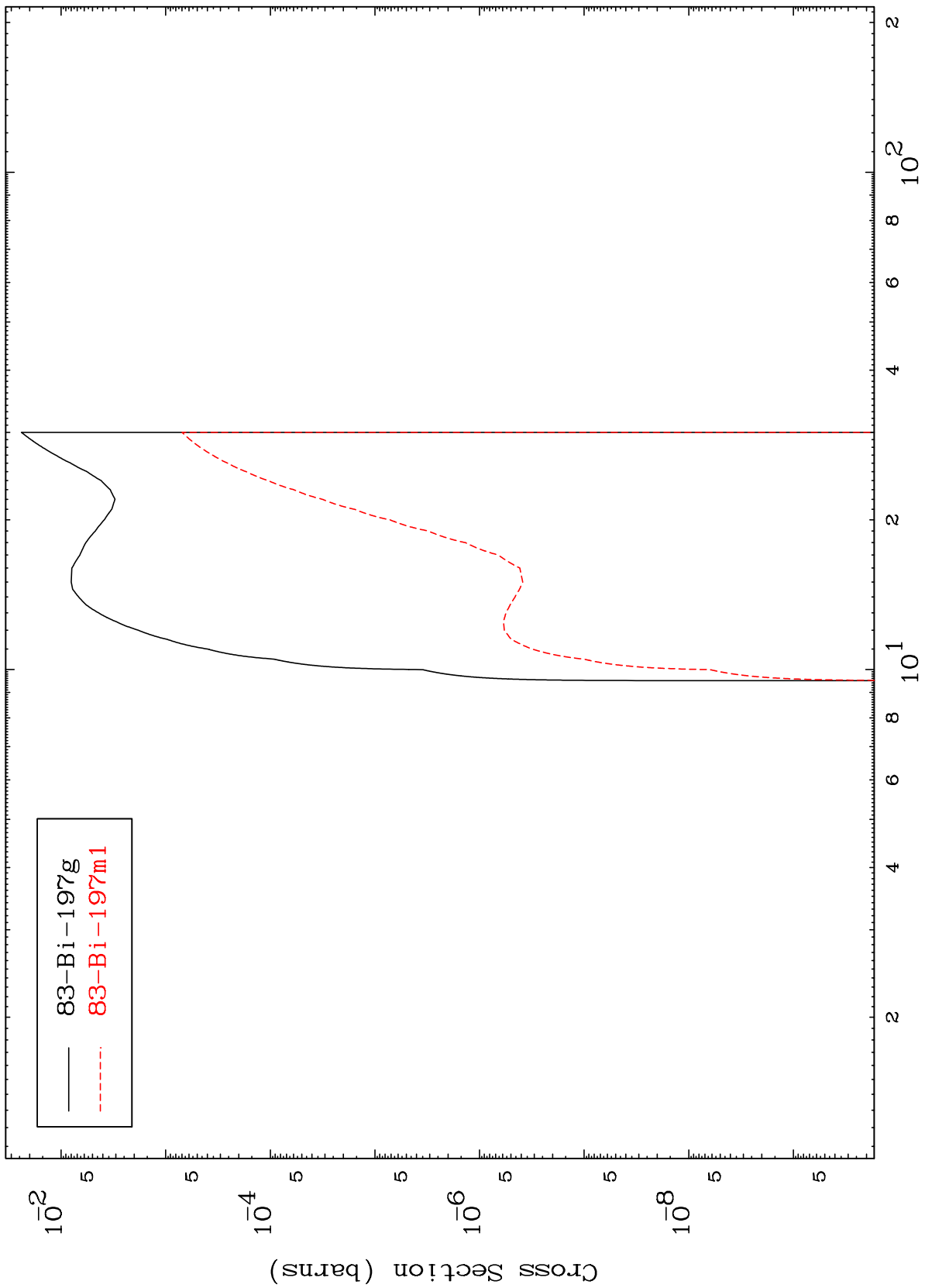
83-Bi-198g
83-Bi-198m3
83-Bi-198m4

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(n,2n) α

85-At-202

Radionuclide Production Cross Section

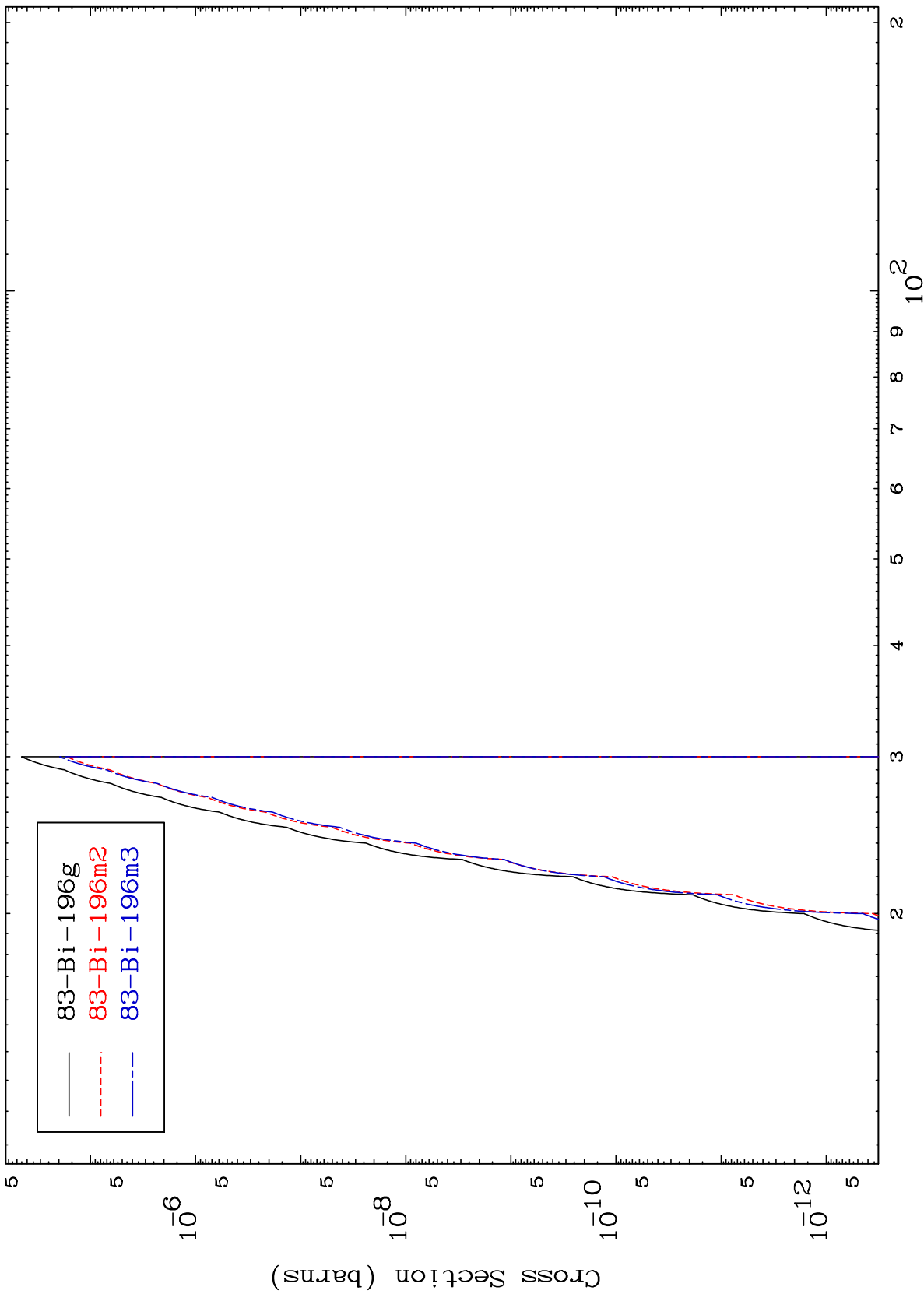


MAT 8523

(n,3n) α

85-At-202

Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-202

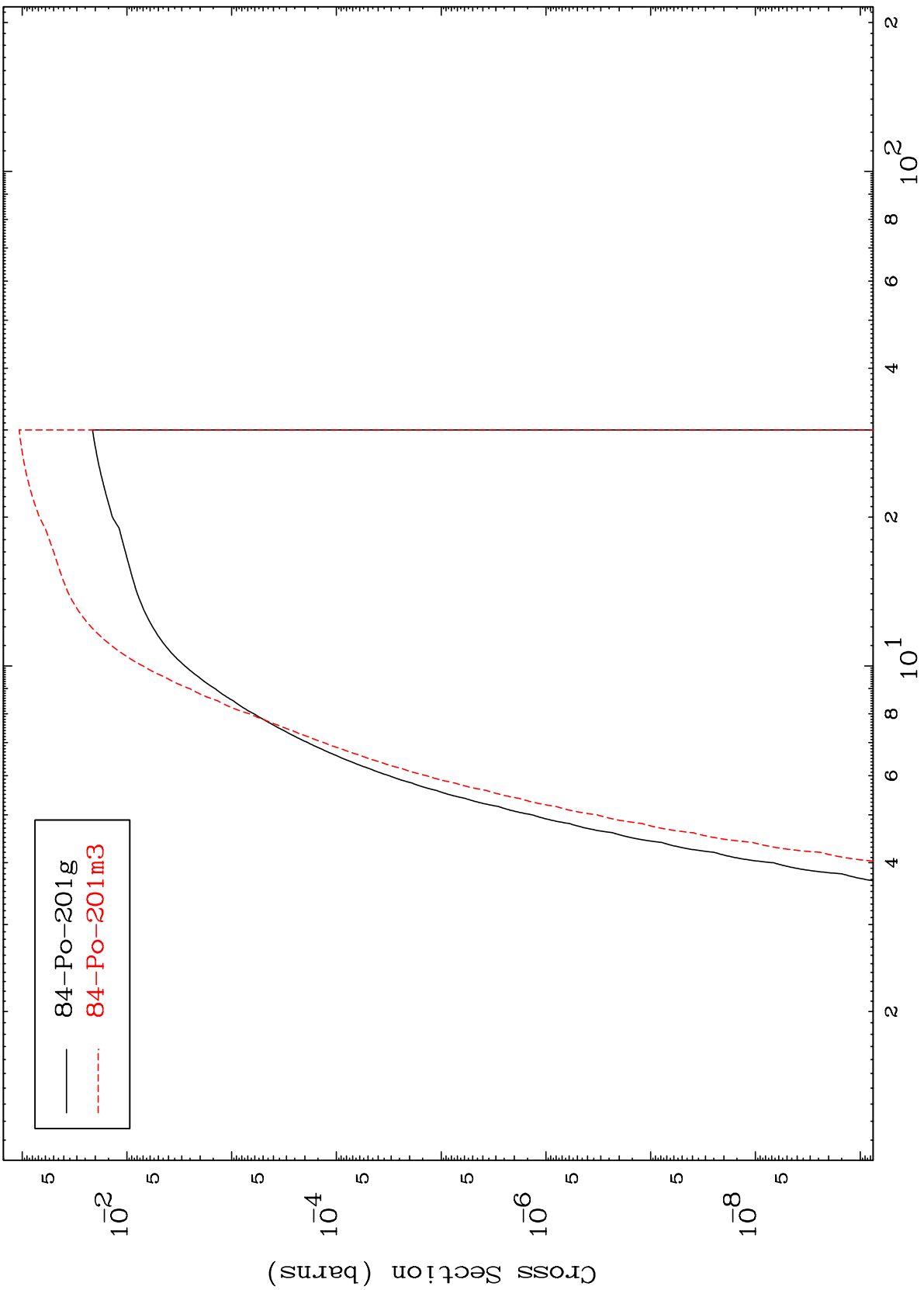
23

MAT 8523

(n,n') p

85-At-202

Radionuclide Production Cross Section



— 84-Po-201g
- - - 84-Po-201m3

24

Incident Energy (MeV)

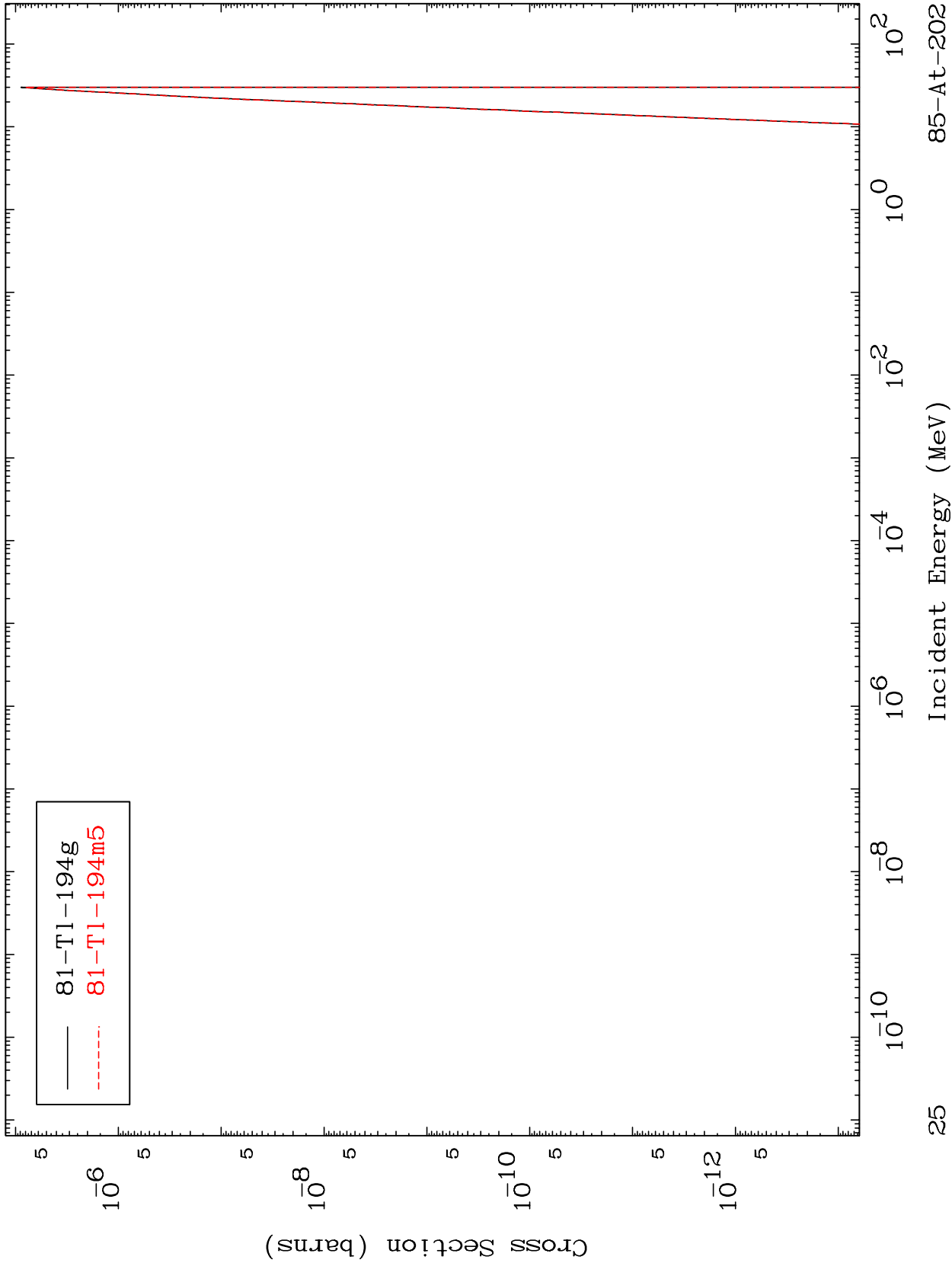
85-At-202

MAT 8523

(n,n') 2α

85-At-202

Radionuclide Production Cross Section



25

Incident Energy (MeV)

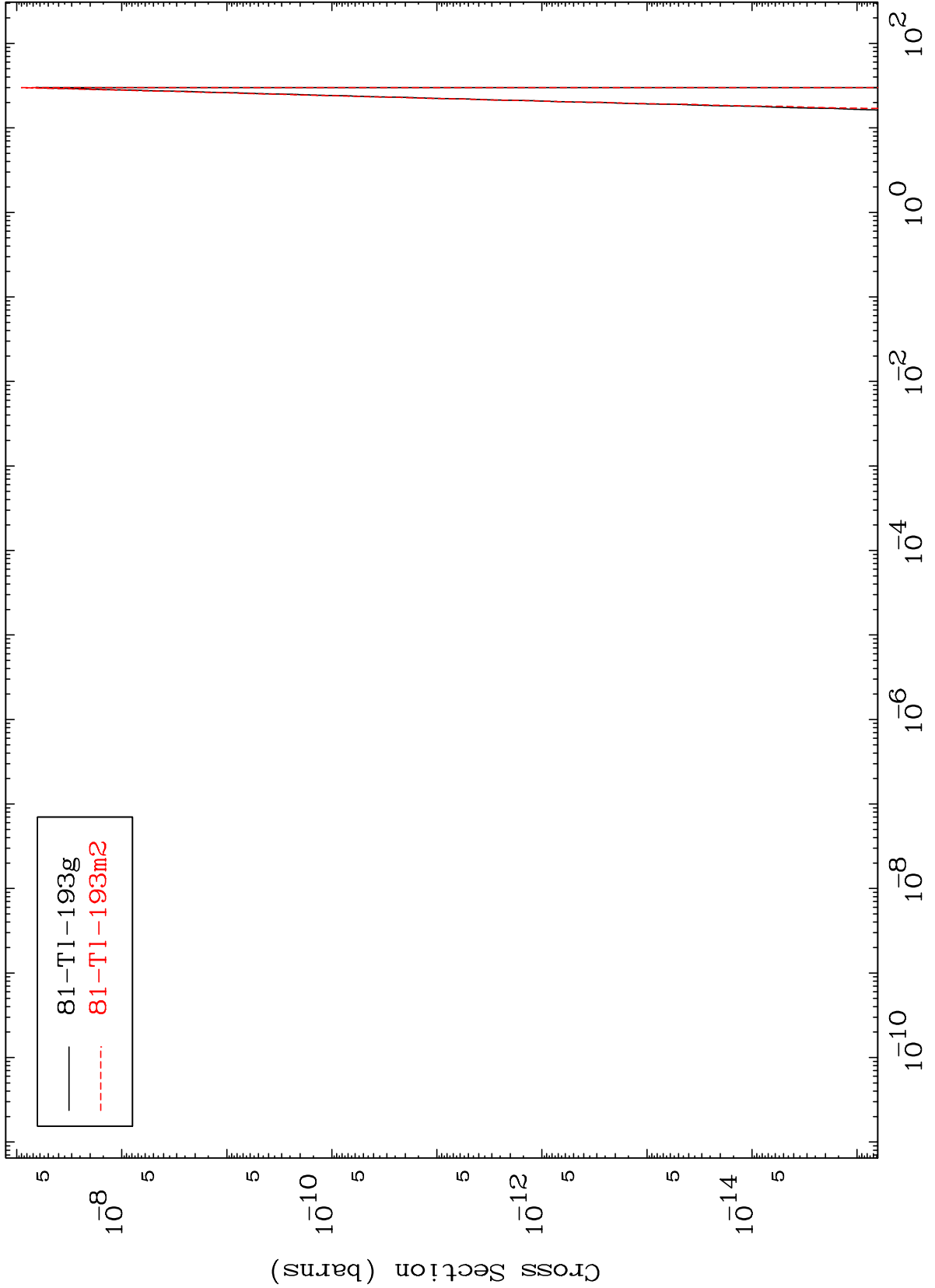
85-At-202

MAT 8523

(n,2n) 2α

85-At-202

Radionuclide Production Cross Section



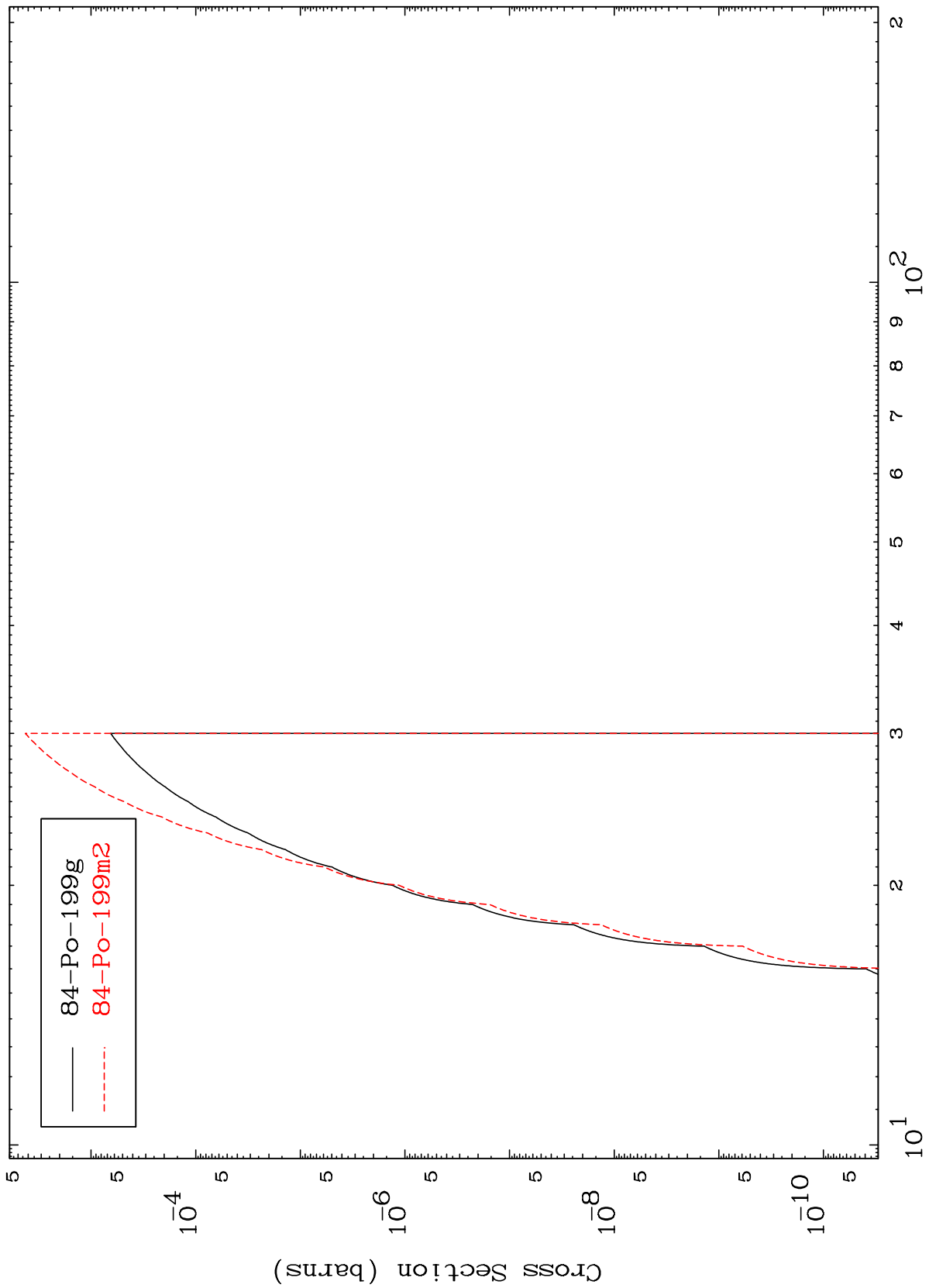
81-Tl-193g
81-Tl-193m2

MAT 8523

(n,n') t

85-At-202

Radionuclide Production Cross Section

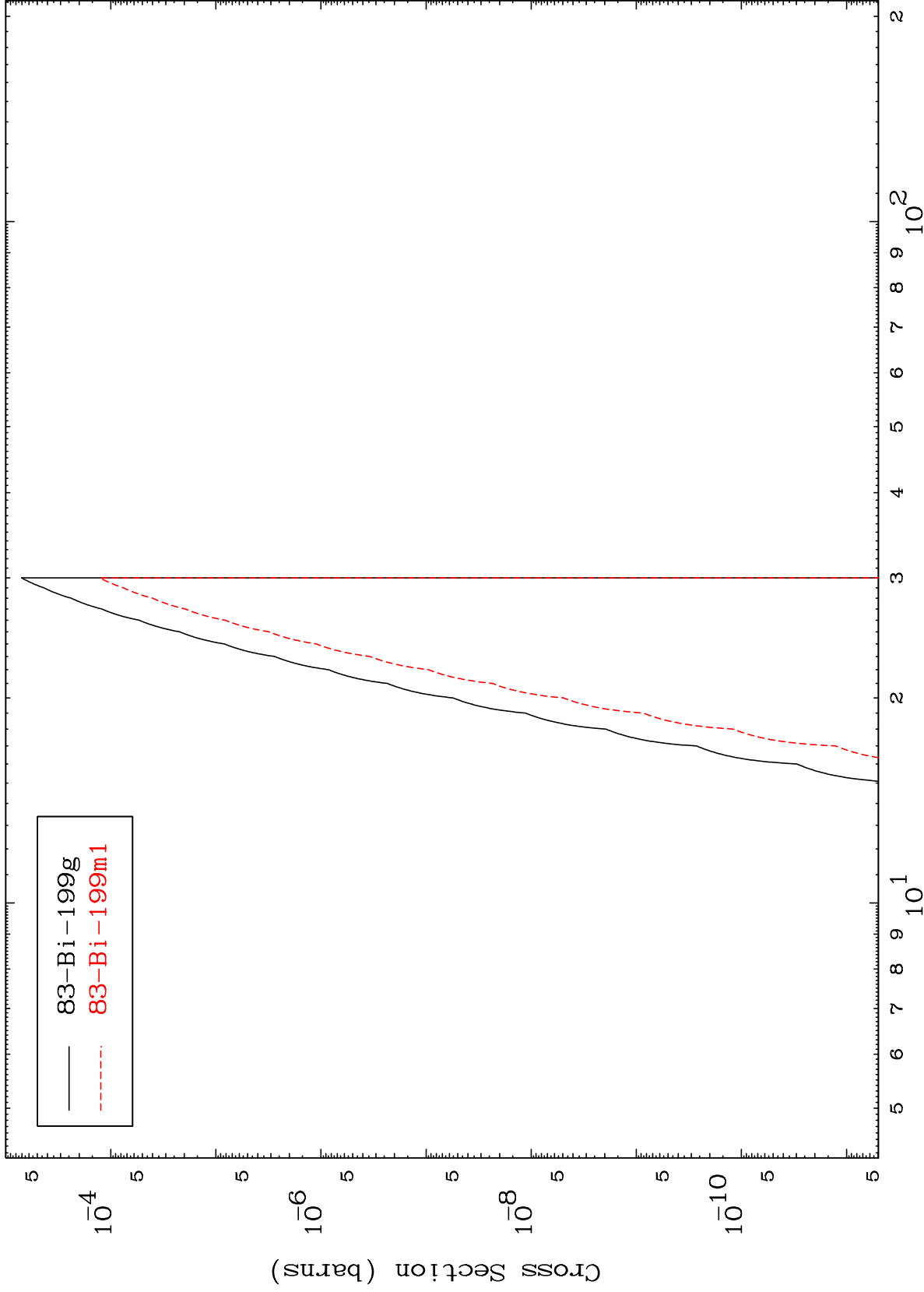


Incident Energy (MeV)

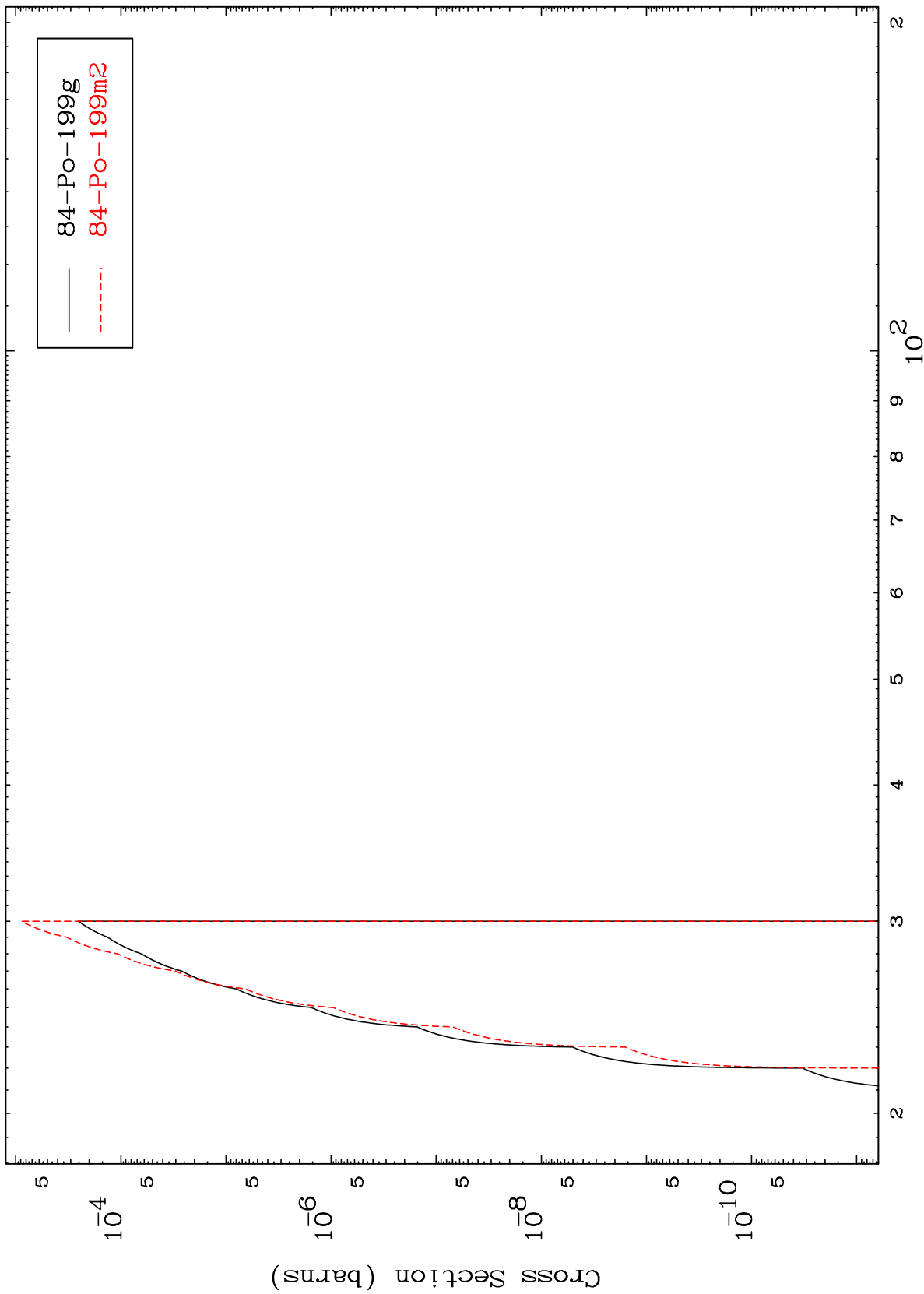
85-At-202

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Radionuclide Production Cross Section



(n,3n) p
Radionuclide Production Cross Section

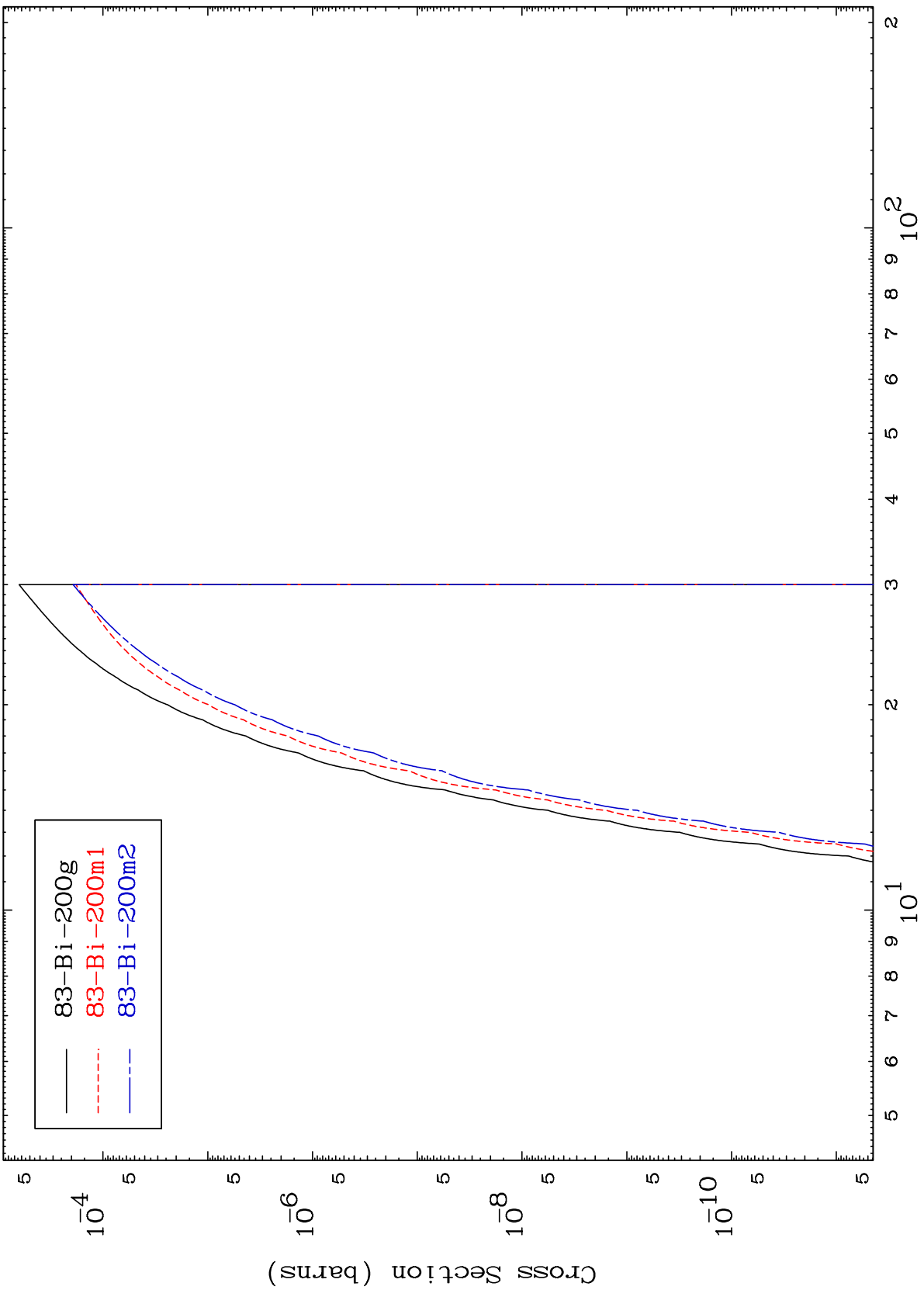


MAT 8523

(n,2n) p

85-At-202

Radionuclide Production Cross Section



30

Incident Energy (MeV)

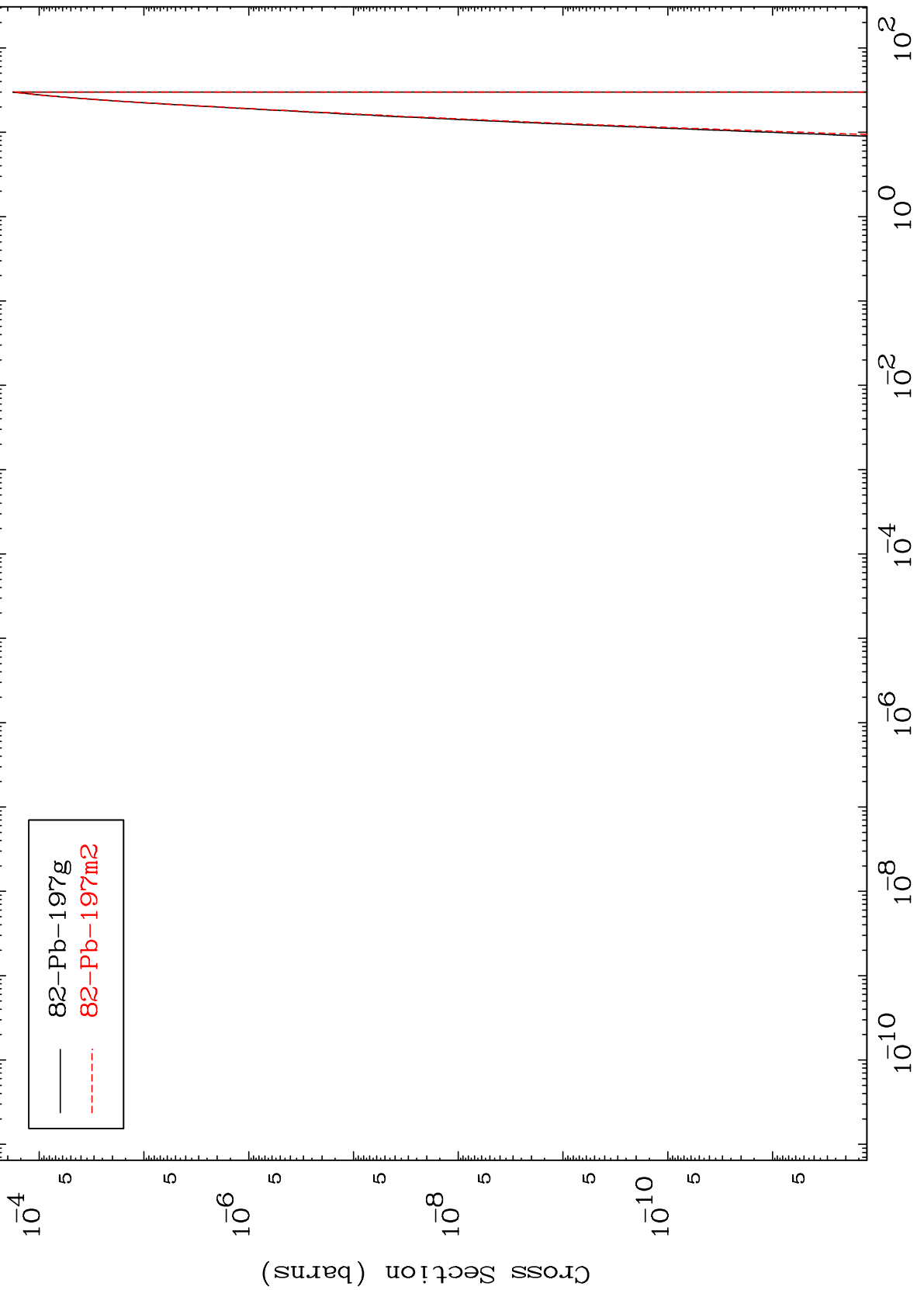
85-At-202

MAT 8523

(n,n') p α

85-At-202

Radionuclide Production Cross Section

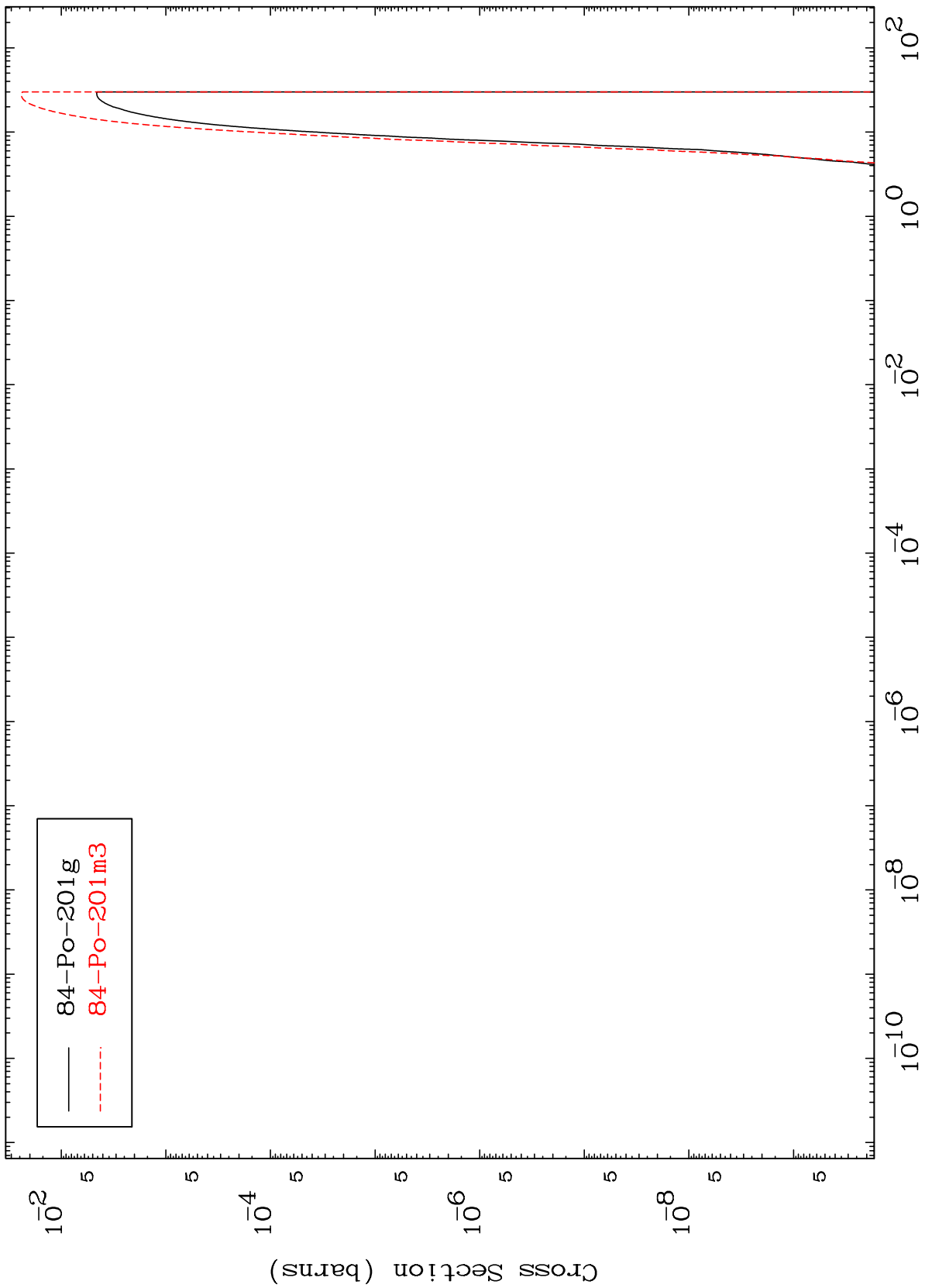


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(n,d)

85-At-202

Radionuclide Production Cross Section

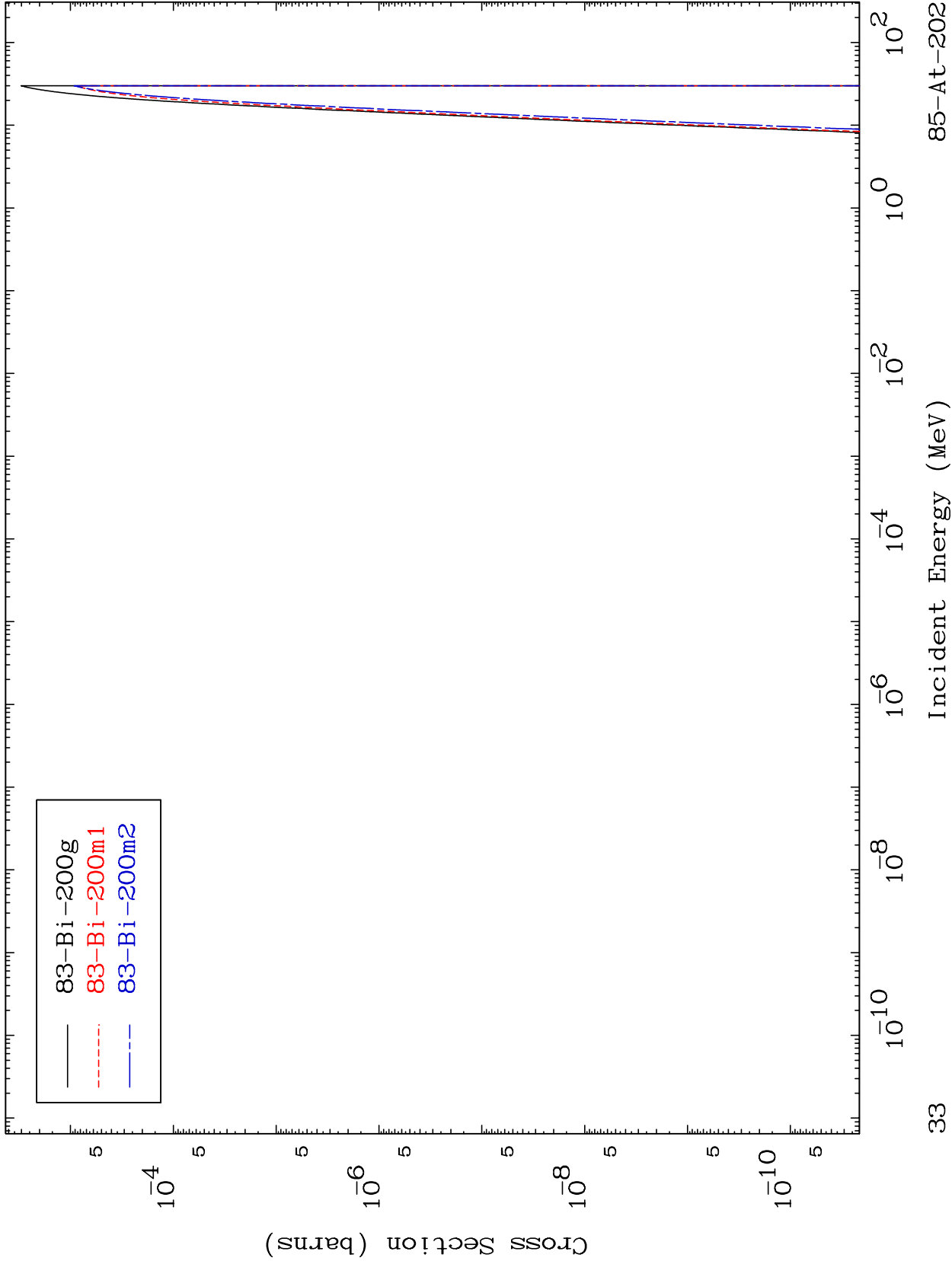


MAT 8523

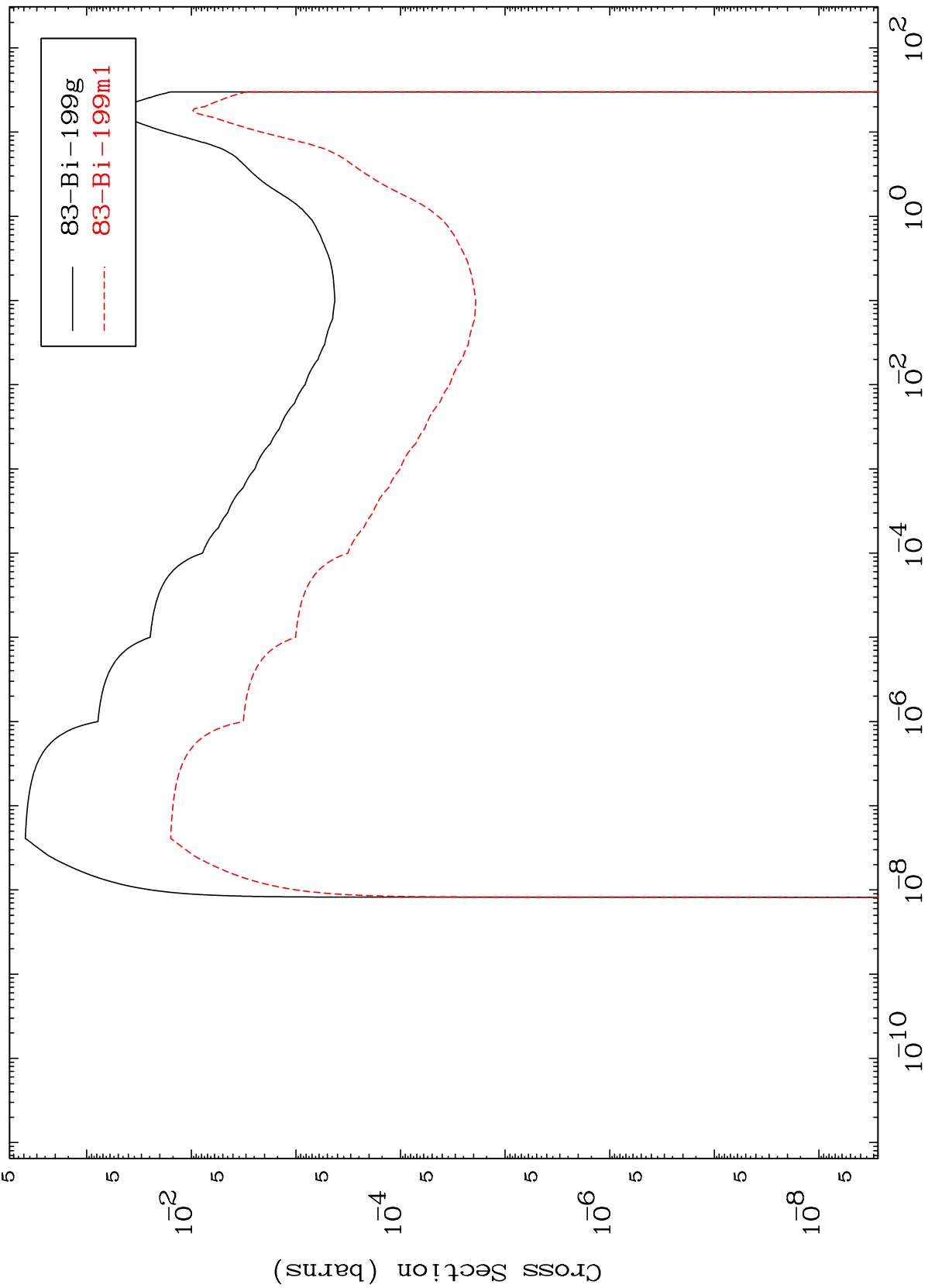
(n,He-3)

85-At-202

Radionuclide Production Cross Section



(n, α)
Radionuclide Production Cross Section

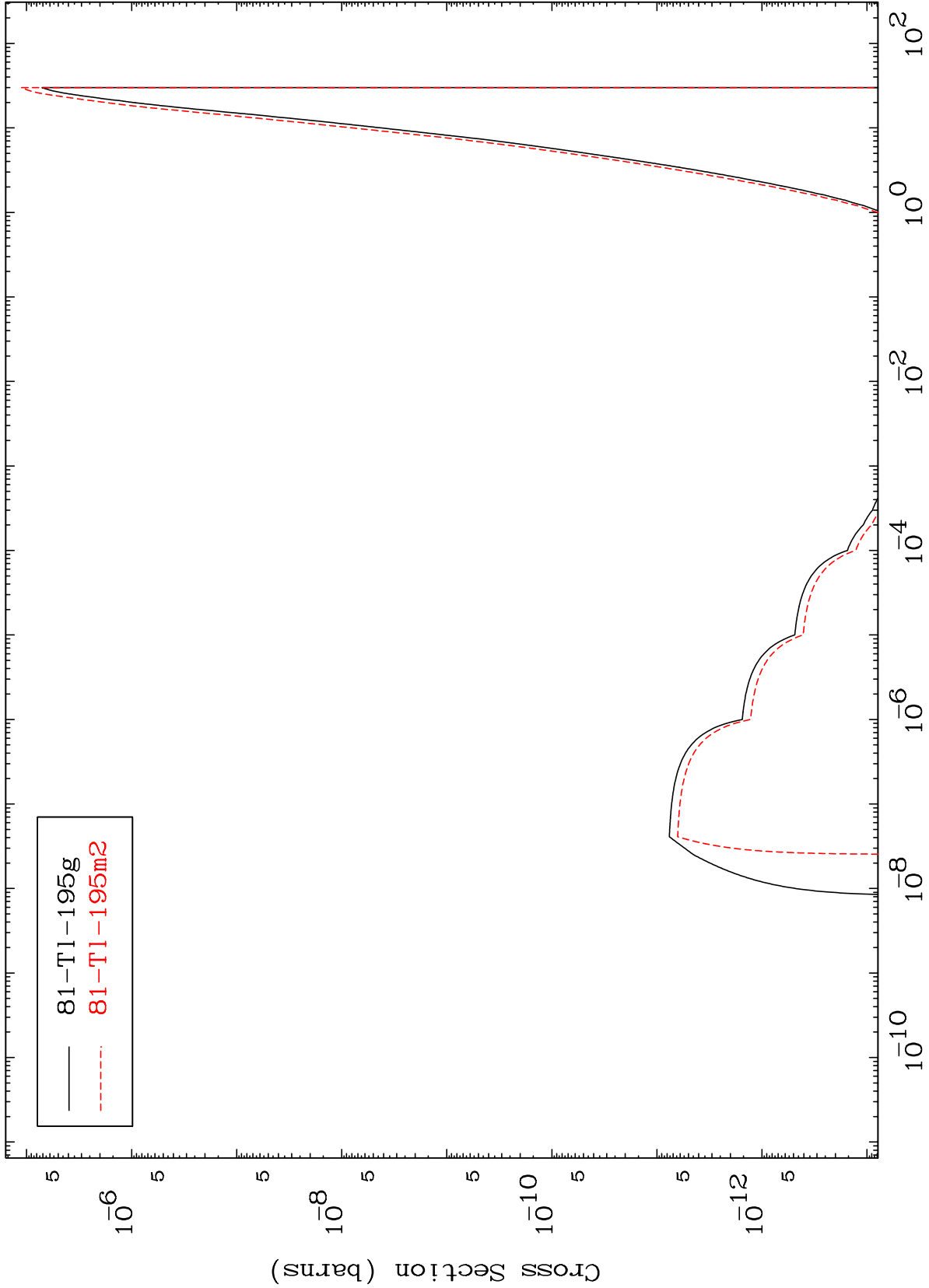


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(n,2α)

85-At-202

Radionuclide Production Cross Section



35

Incident Energy (MeV)

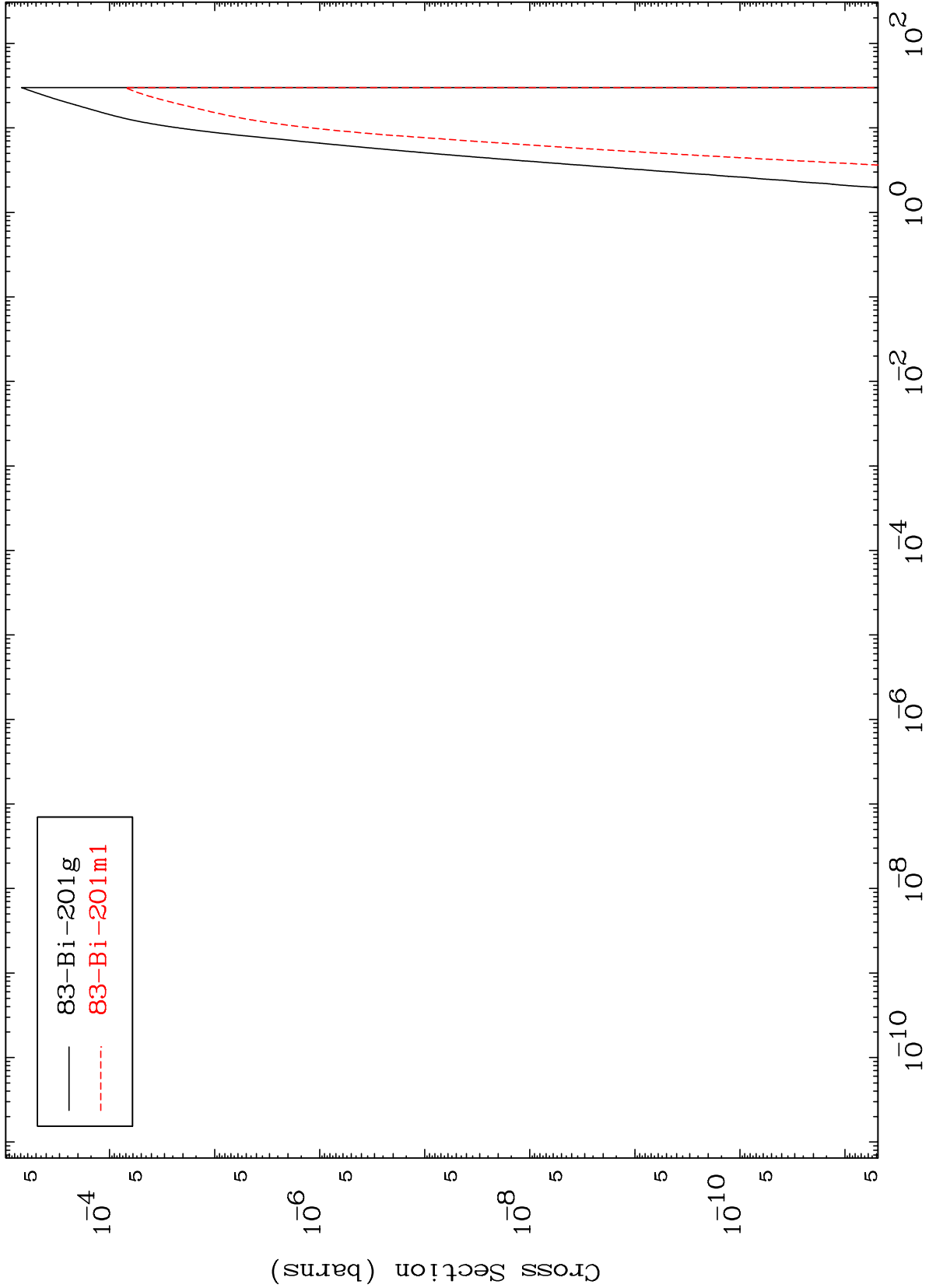
85-At-202

MAT 8523

(n,2p)

85-At-202

Radionuclide Production Cross Section



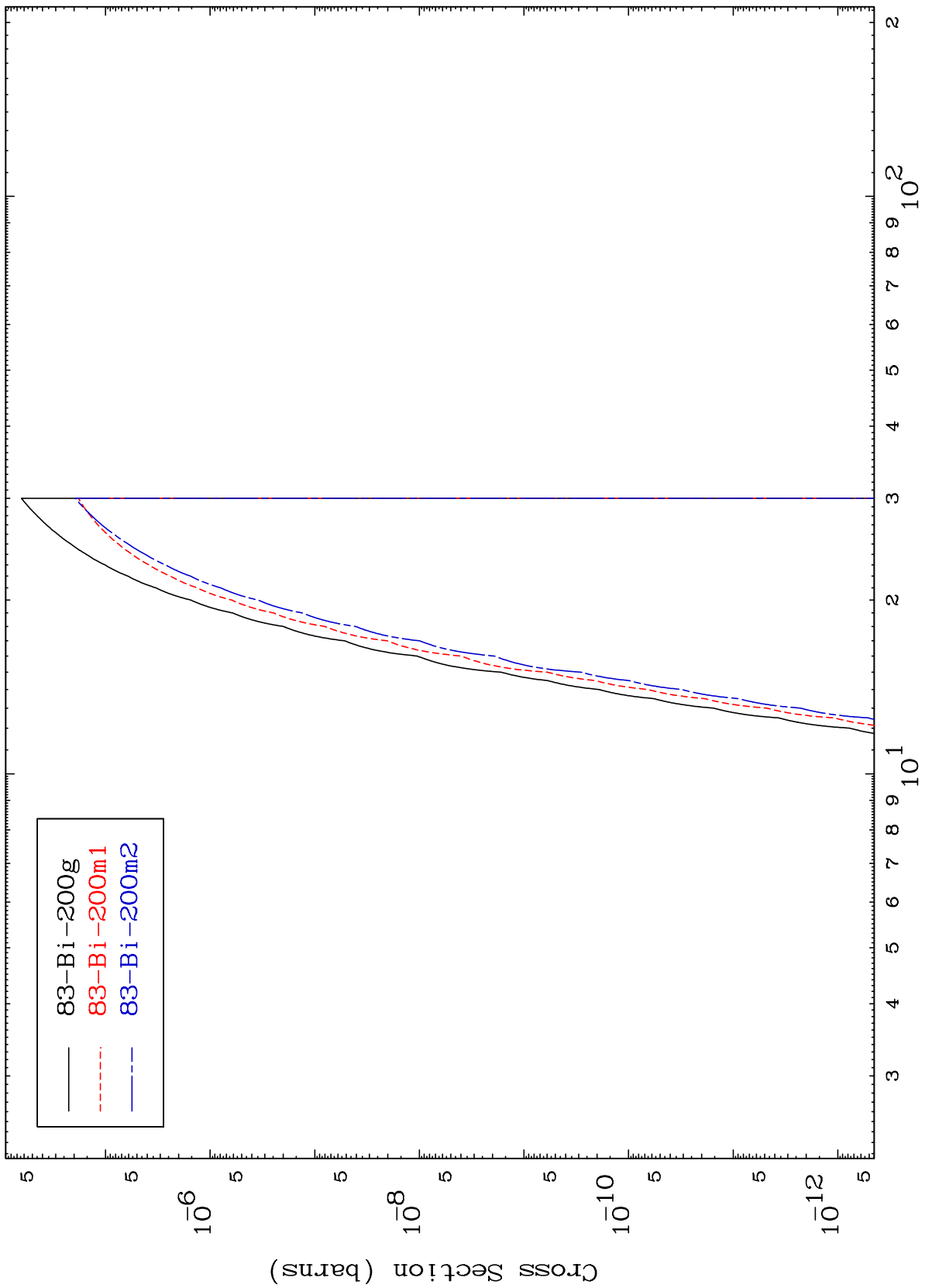
— 83-Bi-201g
- - - 83-Bi-201m1

Incident Energy (MeV)

85-At-202

36

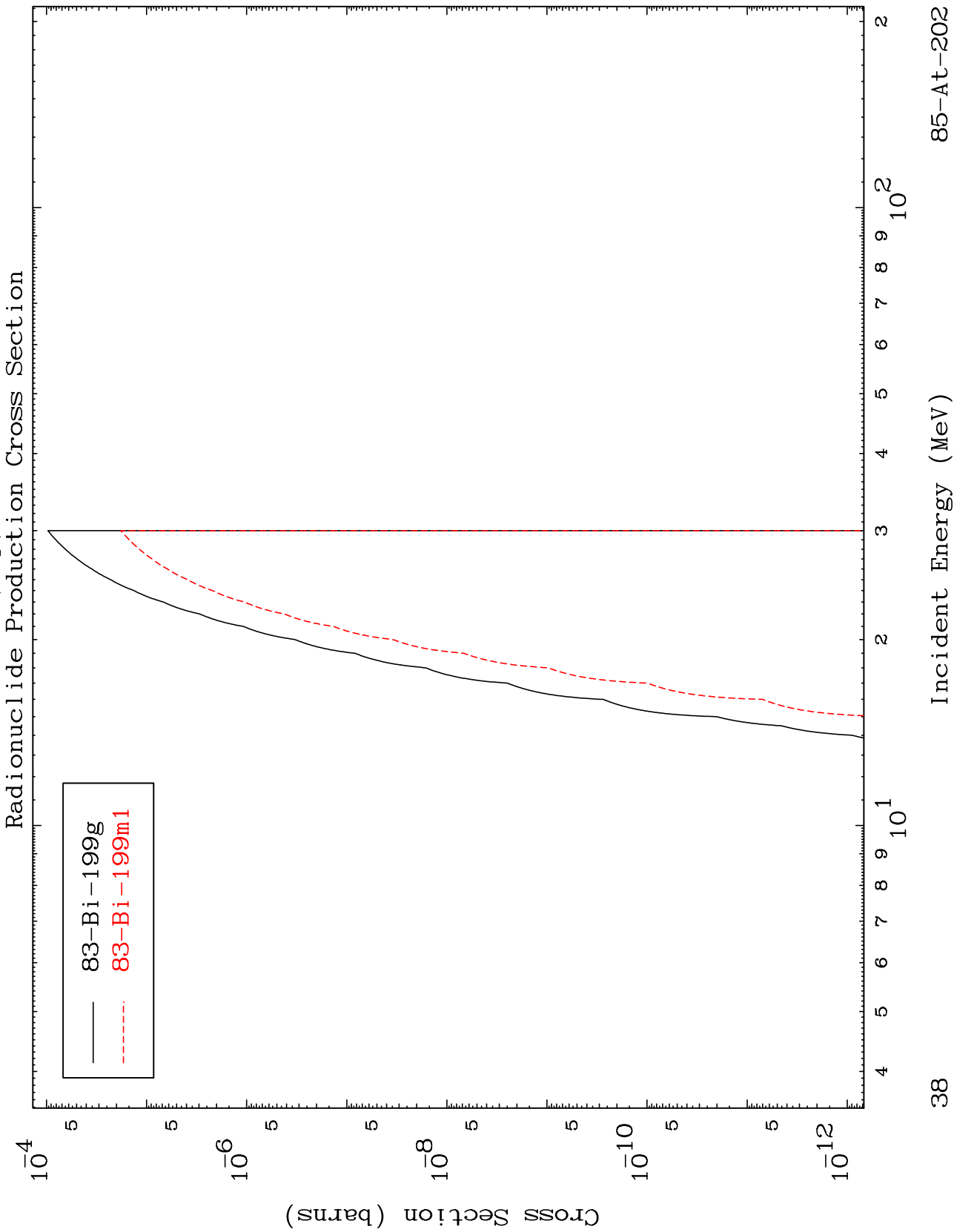
Radionuclide Production Cross Section



MAT 8523

(n,p) t

85-At-202



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85-At-202

MAT 8523

(n,d) α

85-At-202

Radionuclide Production Cross Section

