

Program EVALPLOT
(Version 2021-1)

by

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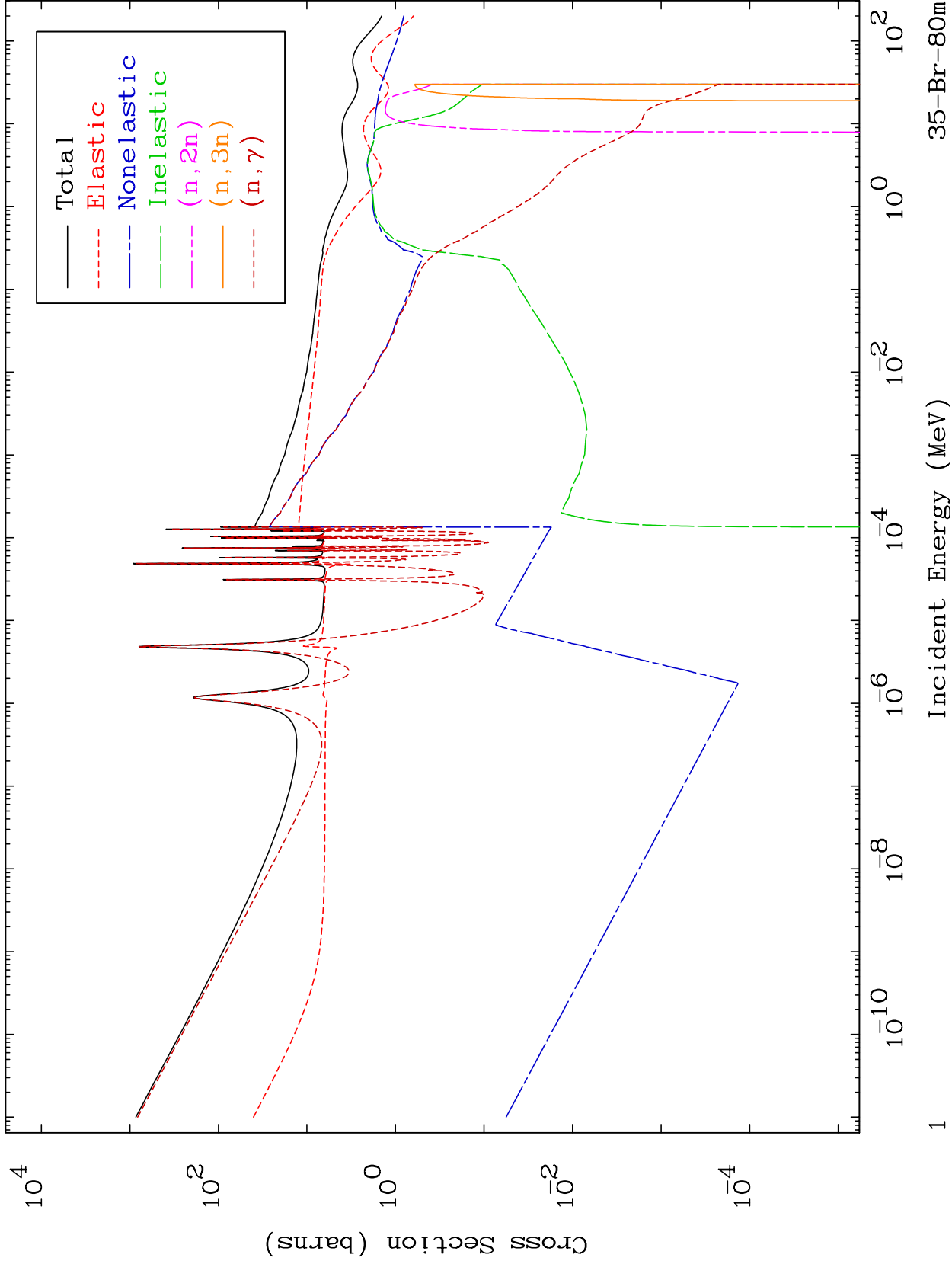
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3529

Neutron Major
293 Kelvin Cross Sections

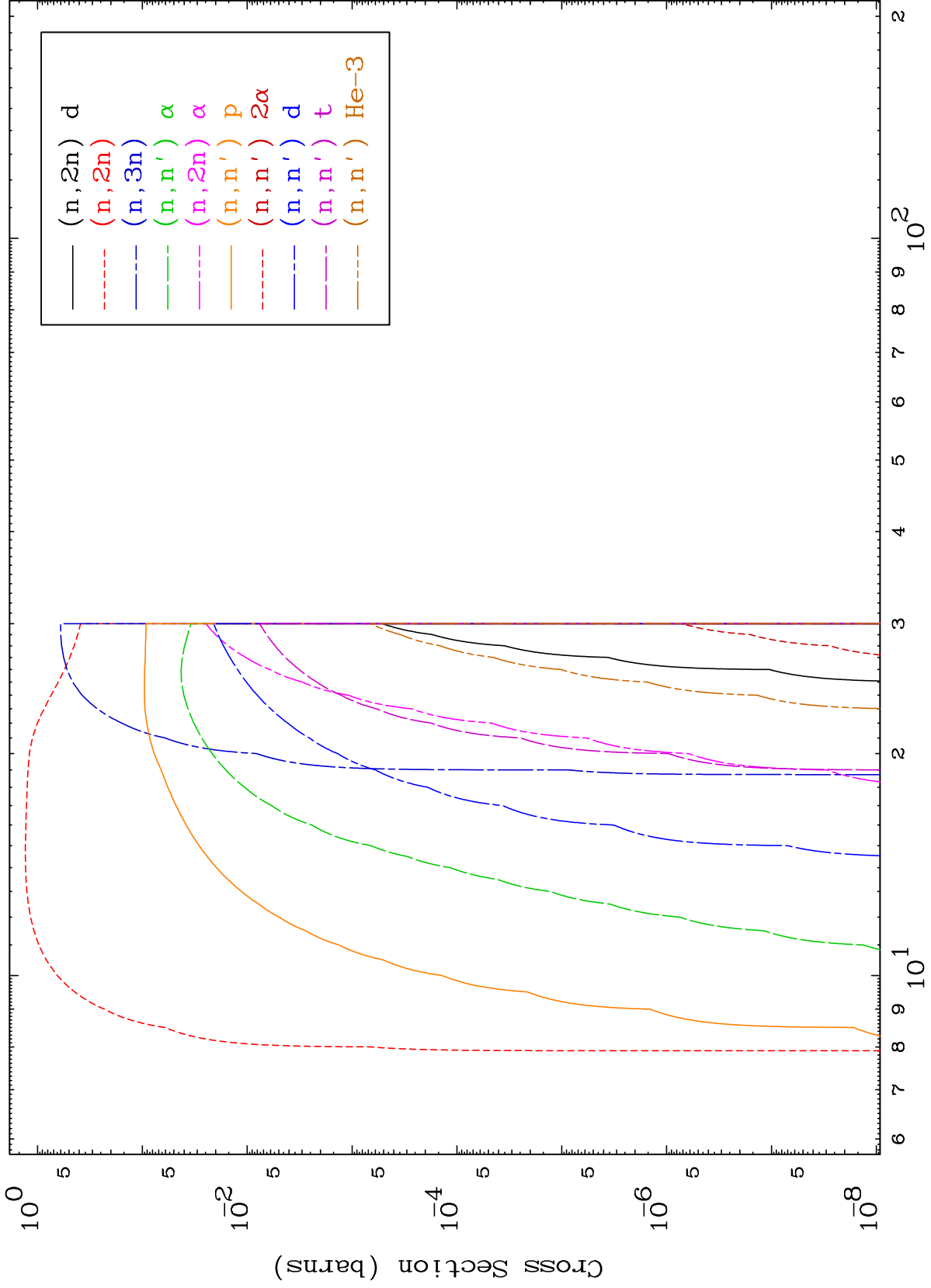
35-Br-80m



MAT 3529

Neutron Absorption
293 Kelvin Cross Sections

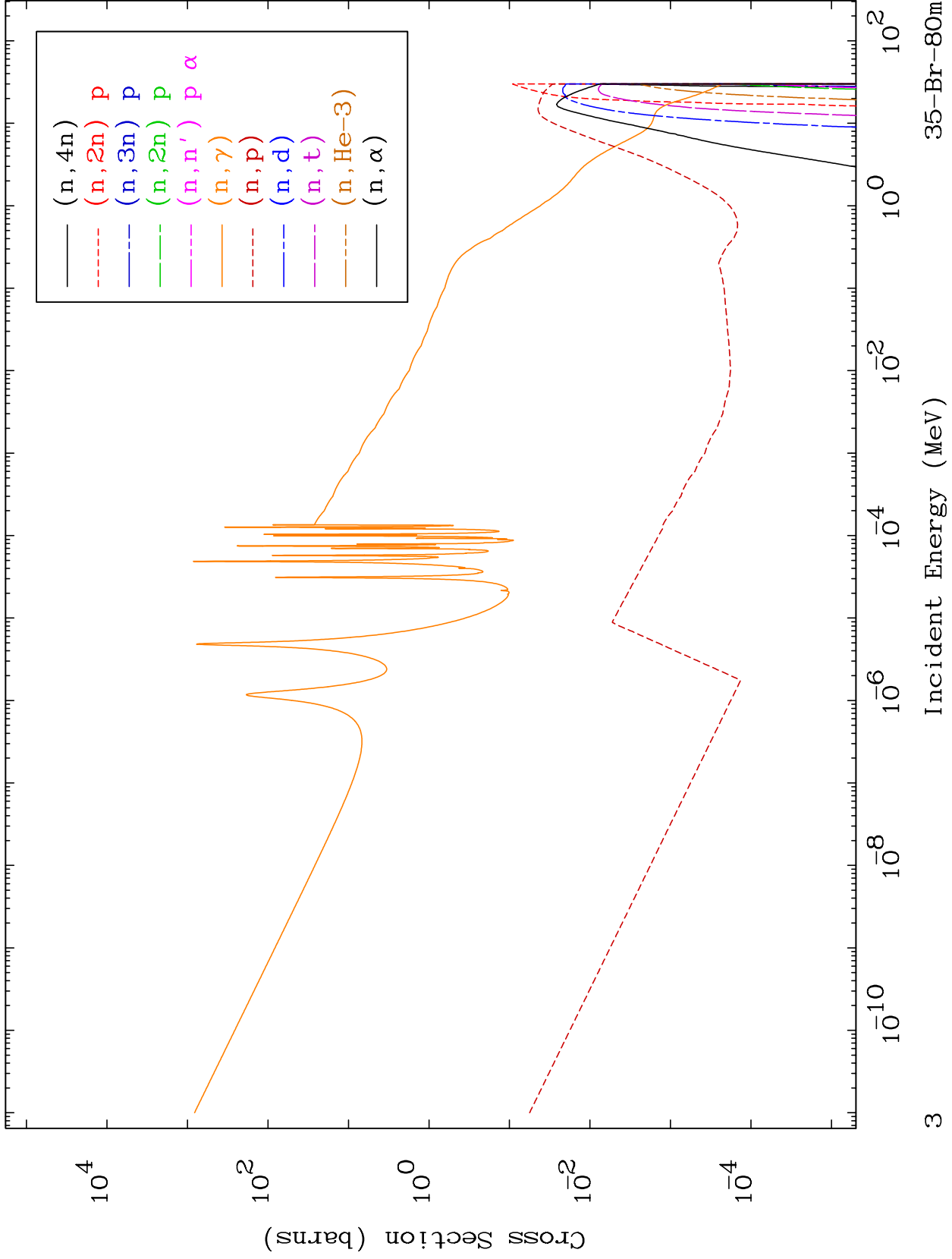
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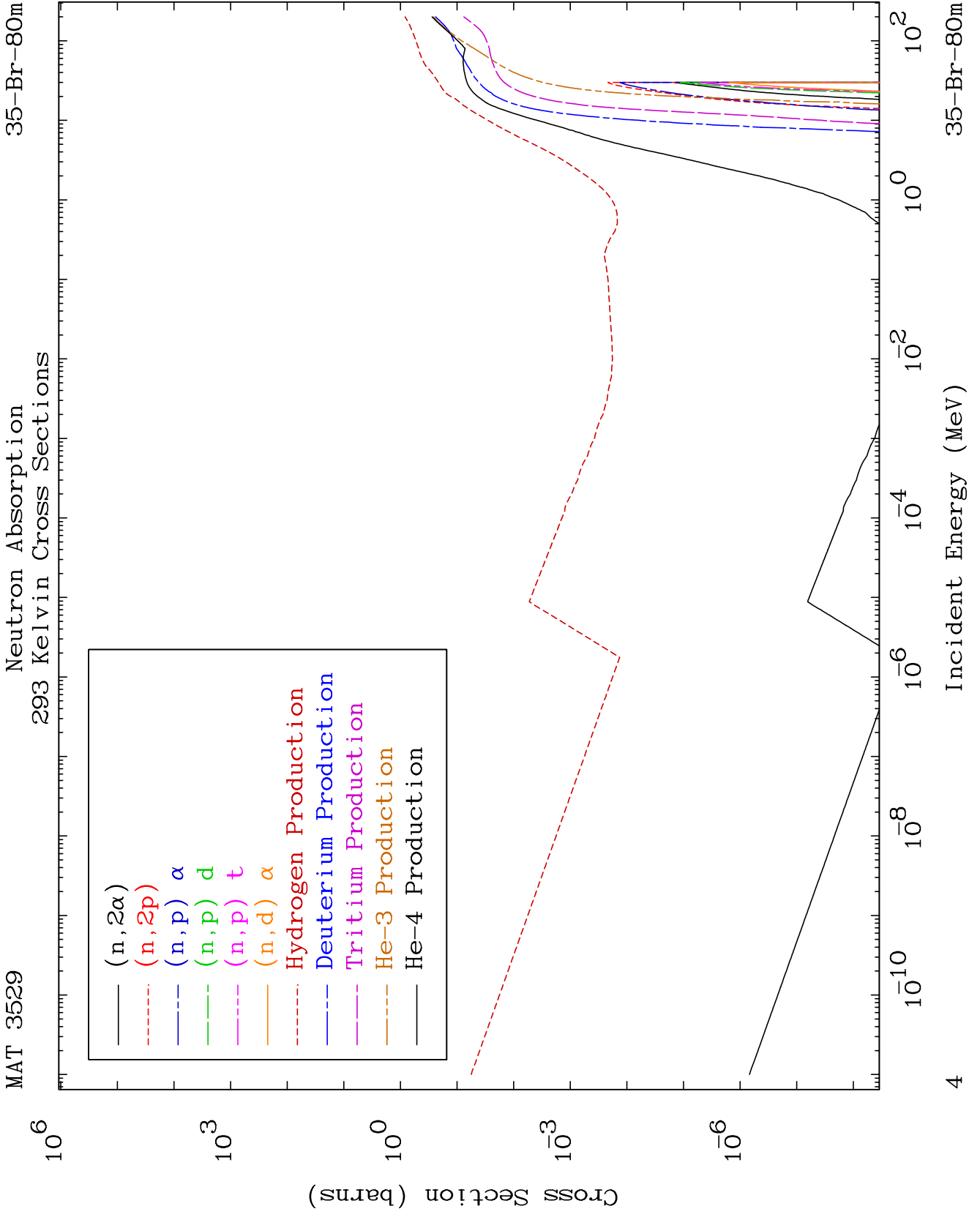


MAT 3529

Neutron Absorption
293 Kelvin Cross Sections

35-Br-80m

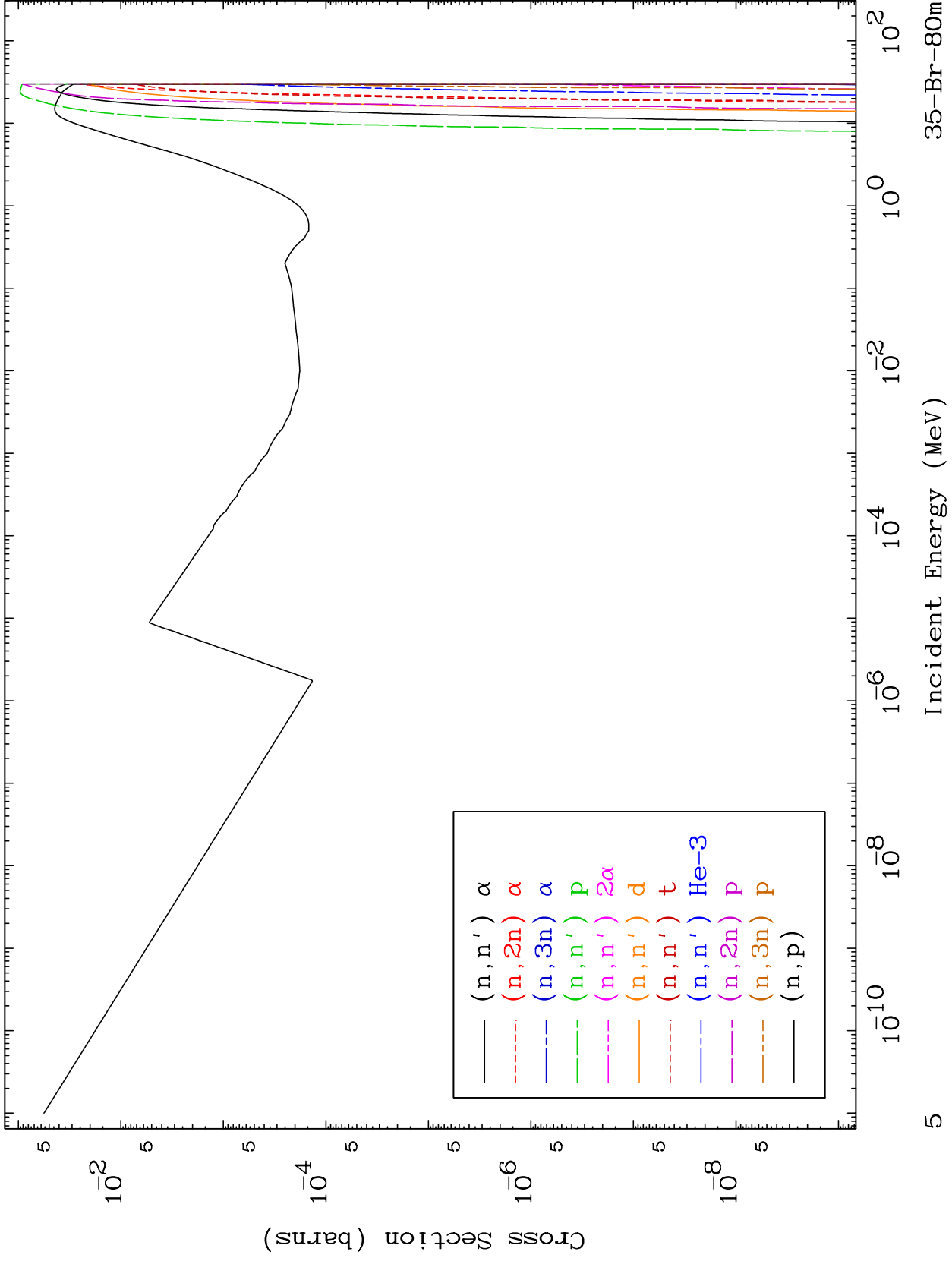




MAT 3529

Charged Particle
293 Kelvin Cross Sections

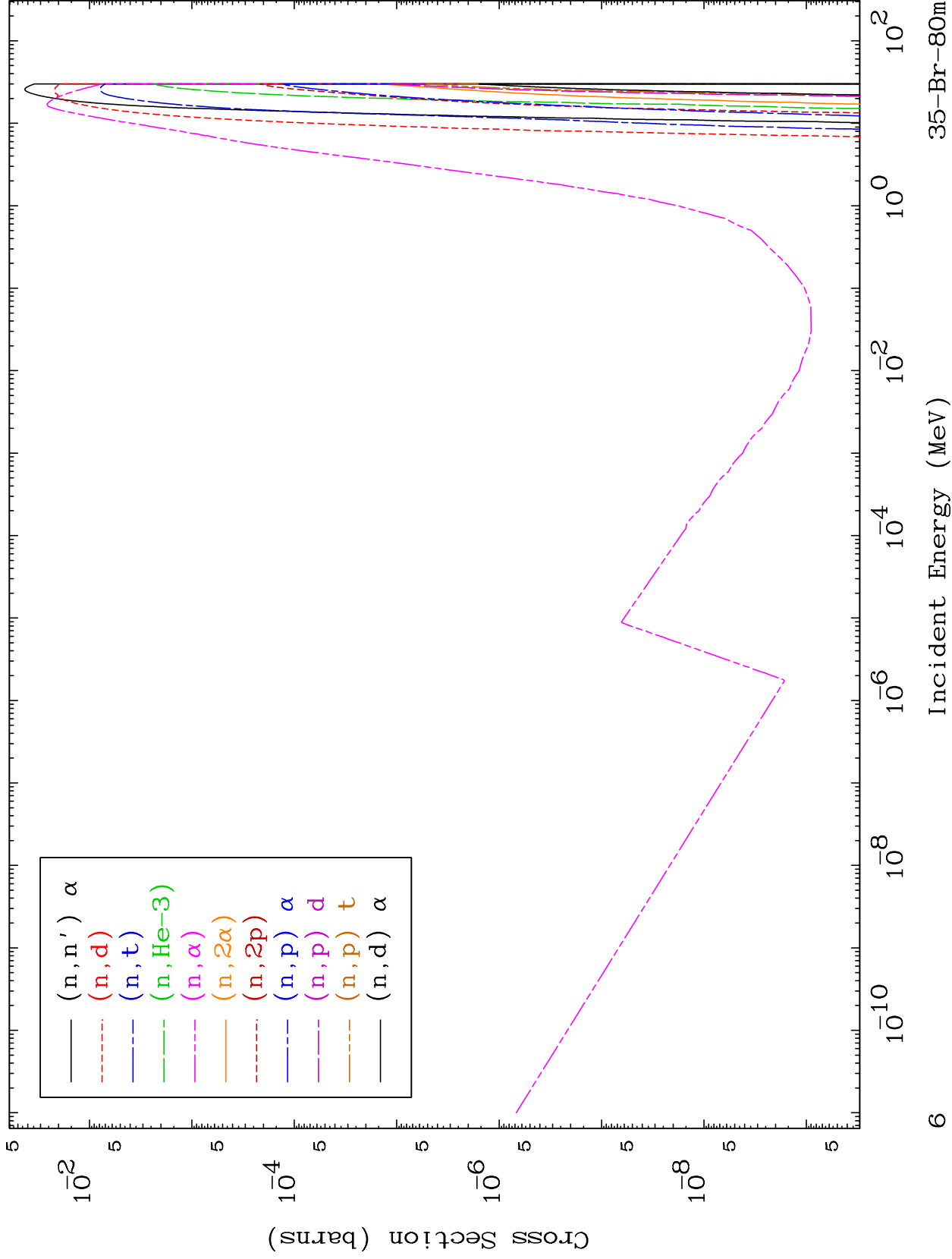
35-Br-80m



MAT 3529

Charged Particle
293 Kelvin Cross Sections

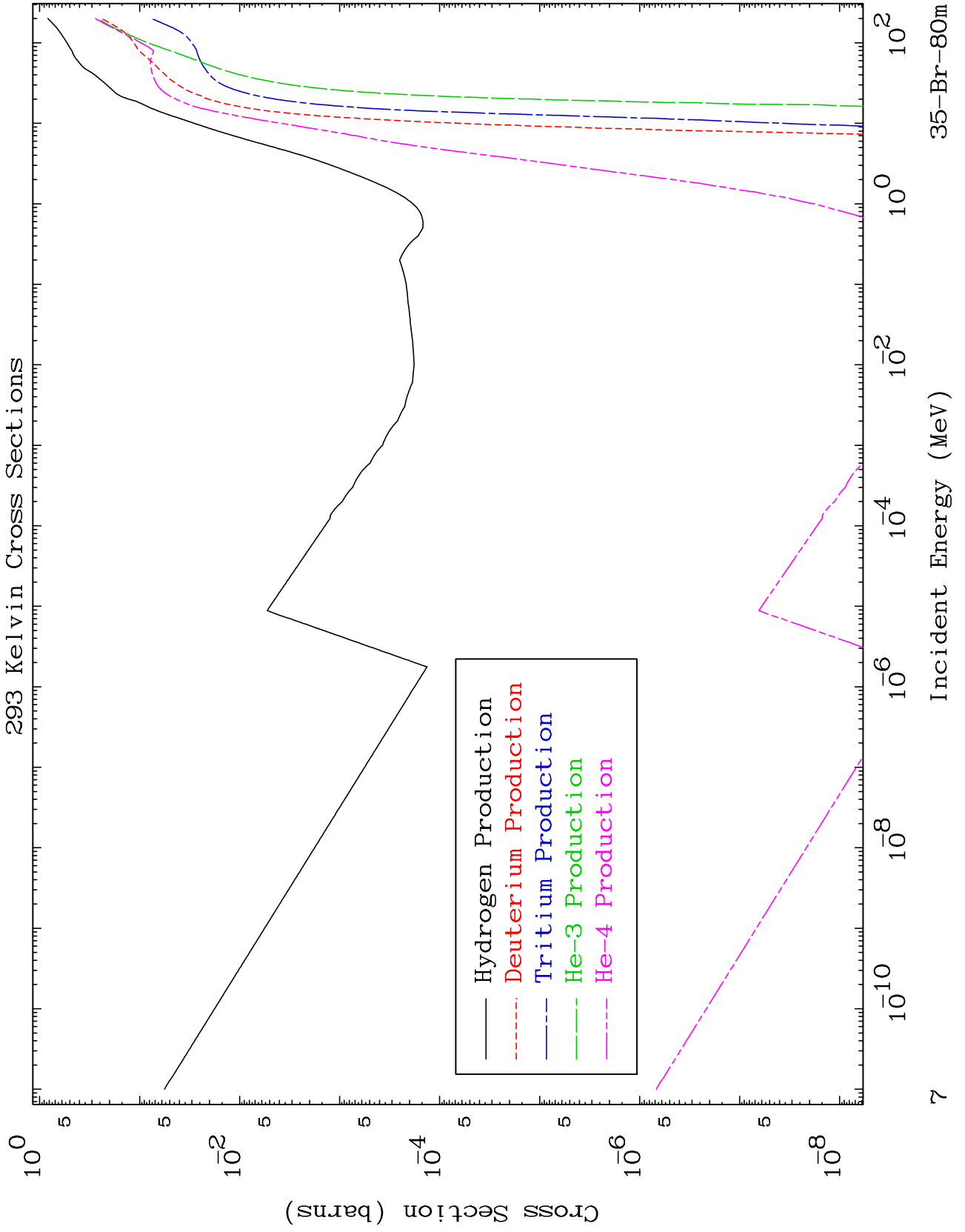
35-Br-80m



MAT 3529

Particle Production
293 Kelvin Cross Sections

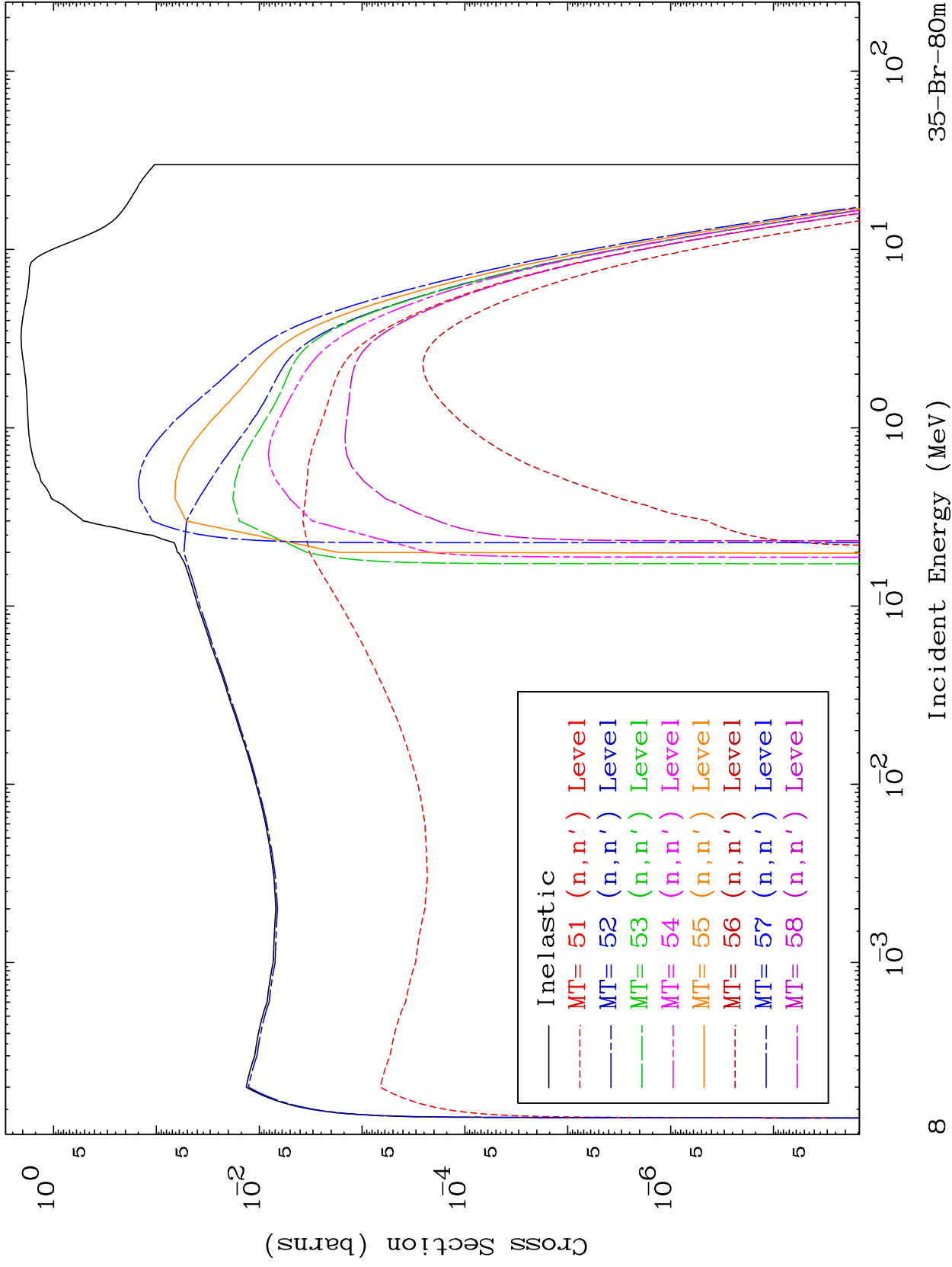
35-Br-80m



MAT 3529

(n,n') Levels
293 Kelvin Cross Sections

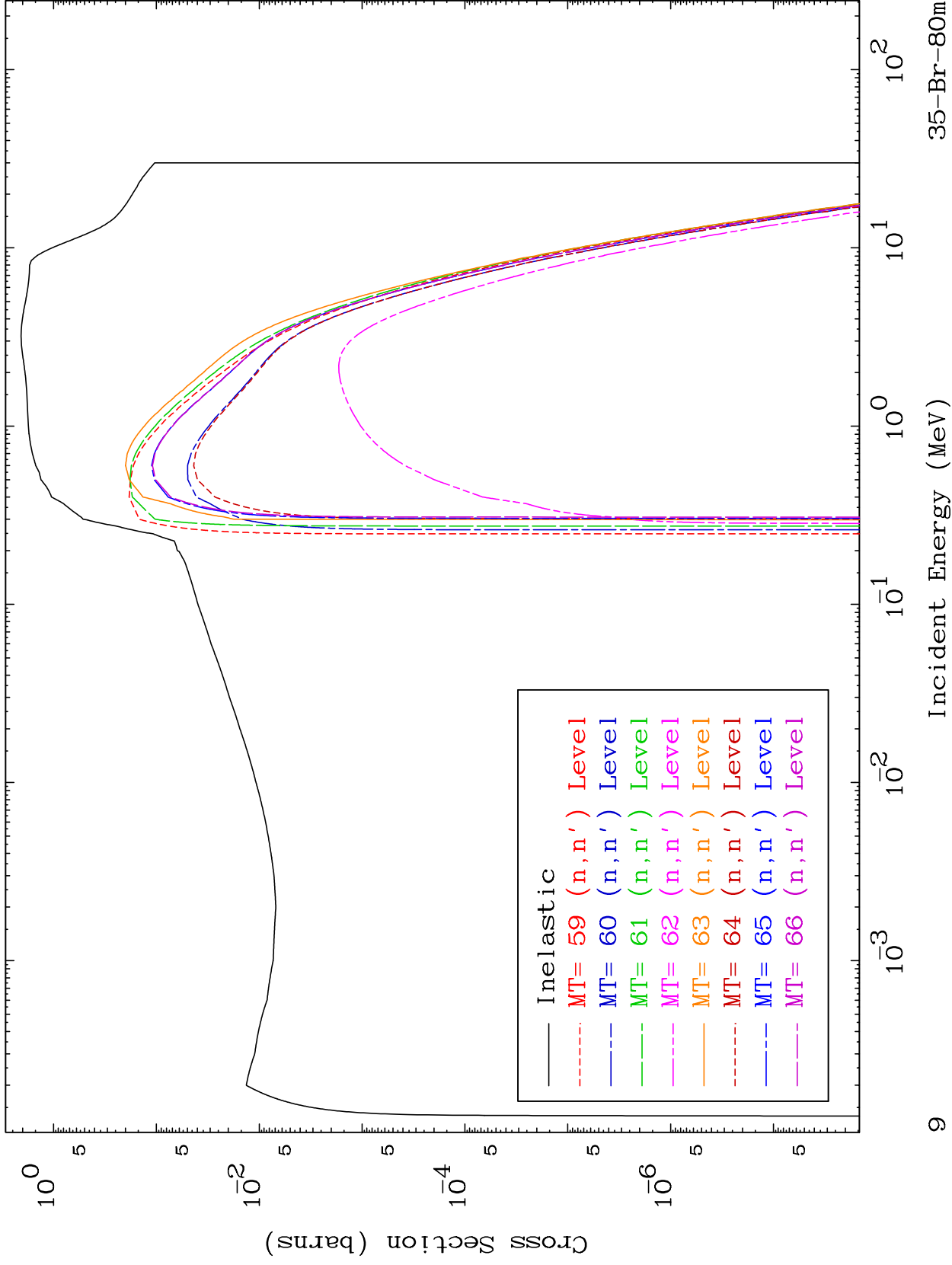
35-Br-80m



MAT 3529

(n,n') Levels
293 Kelvin Cross Sections

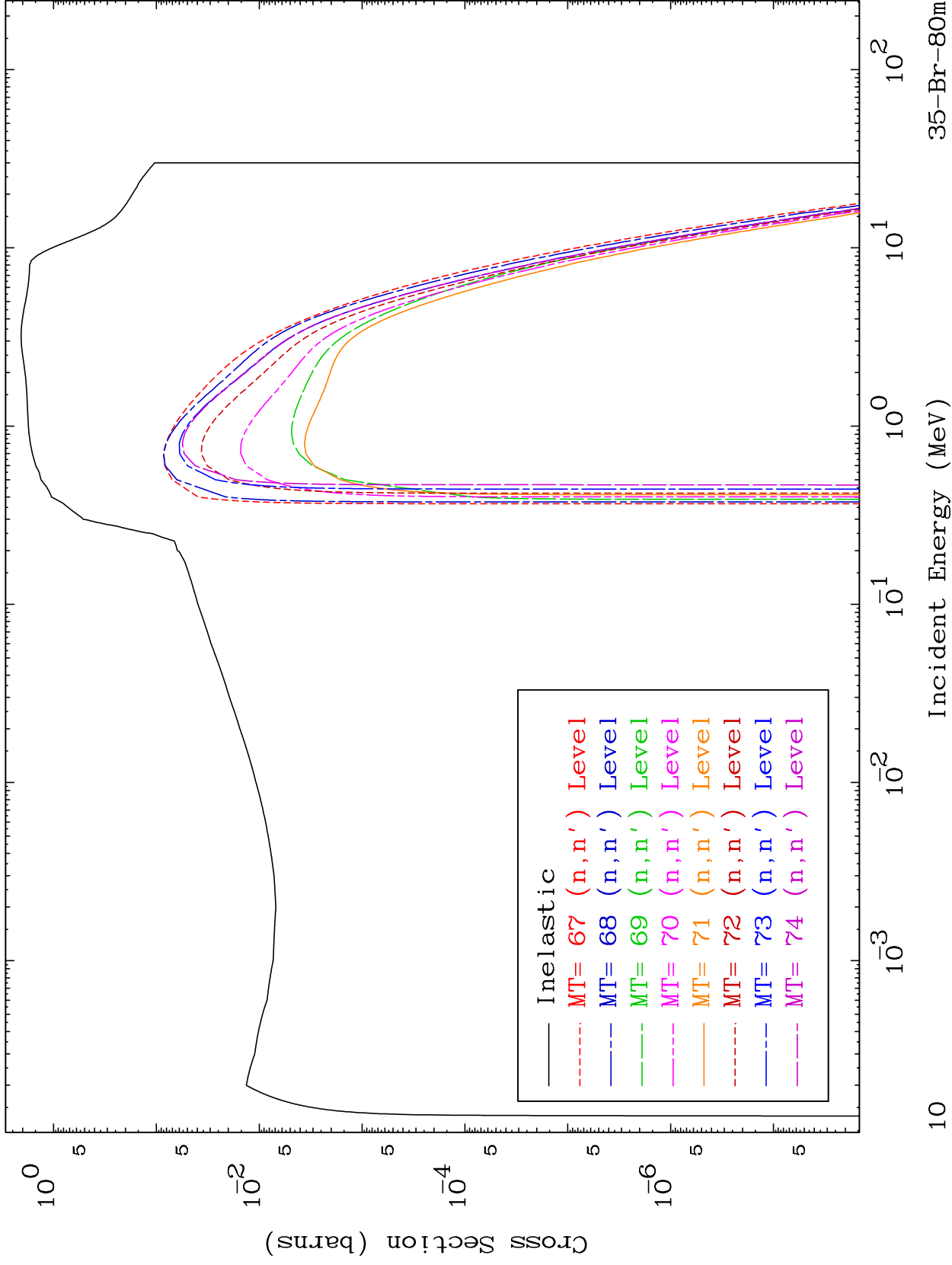
35-Br-80m



MAT 3529

(n,n') Levels
293 Kelvin Cross Sections

35-Br-80m



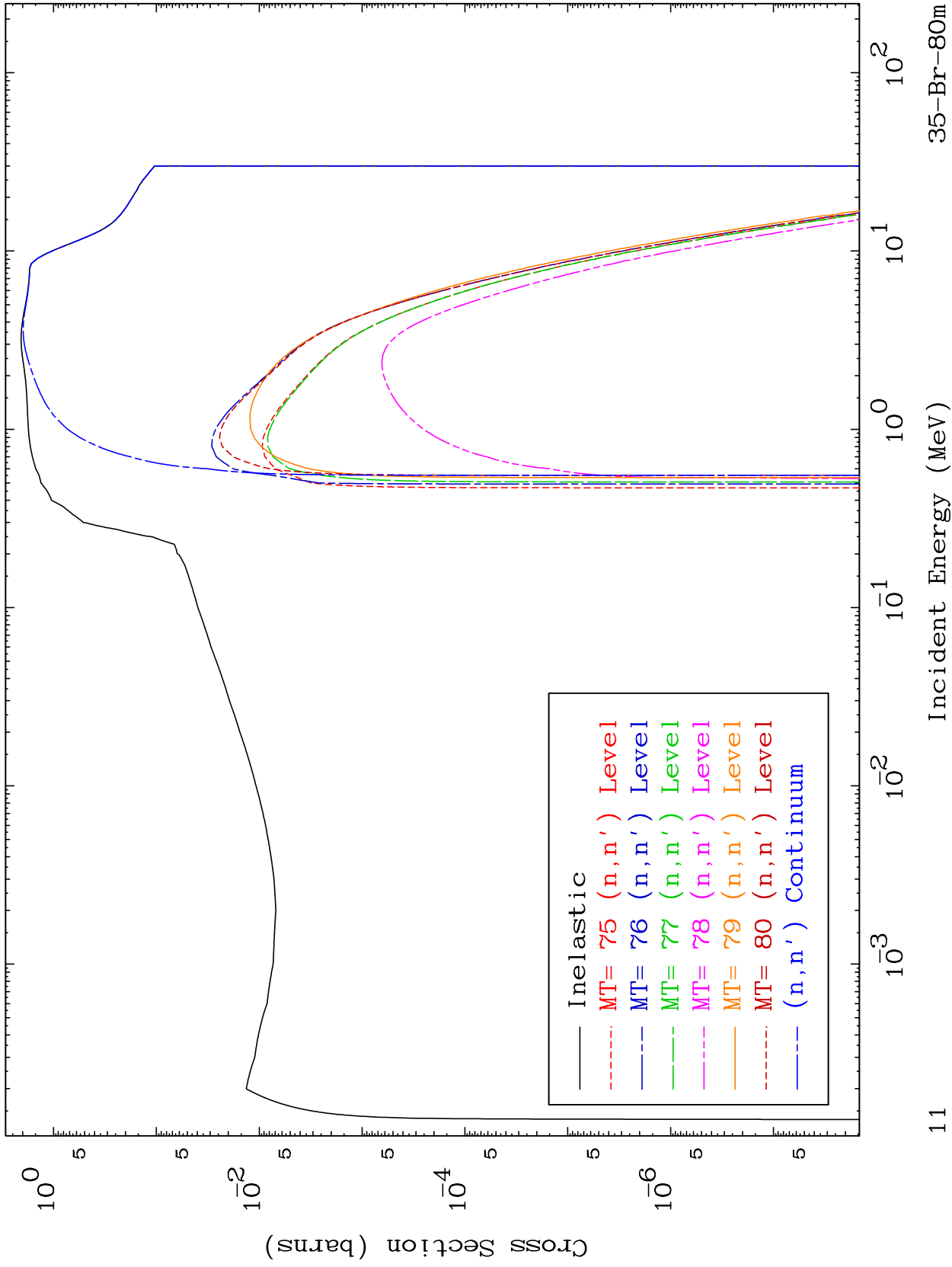
10

35-Br-80m

MAT 3529

(n,n') Levels
293 Kelvin Cross Sections

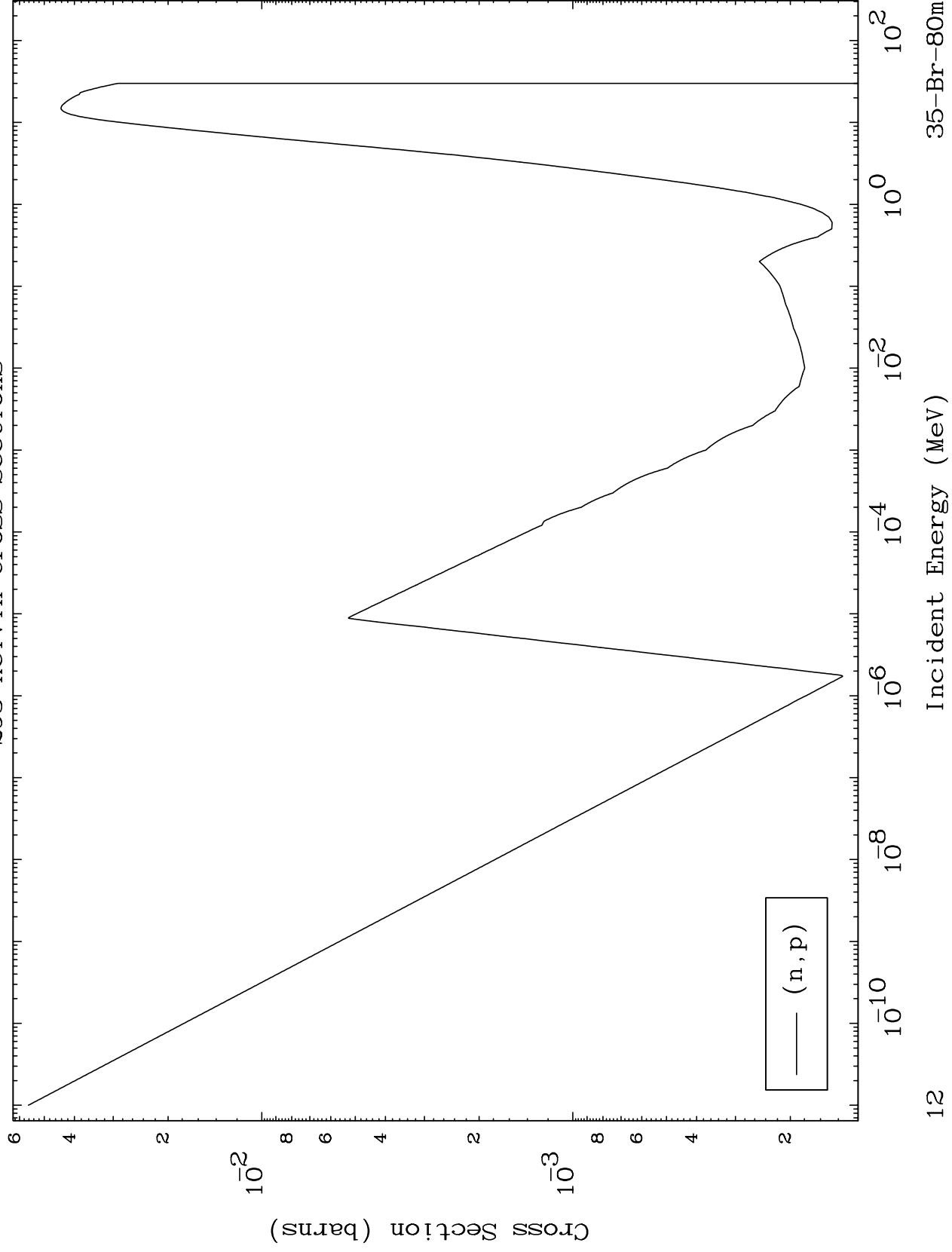
35-Br-80m



MAT 3529

(n,p) Levels
293 Kelvin Cross Sections

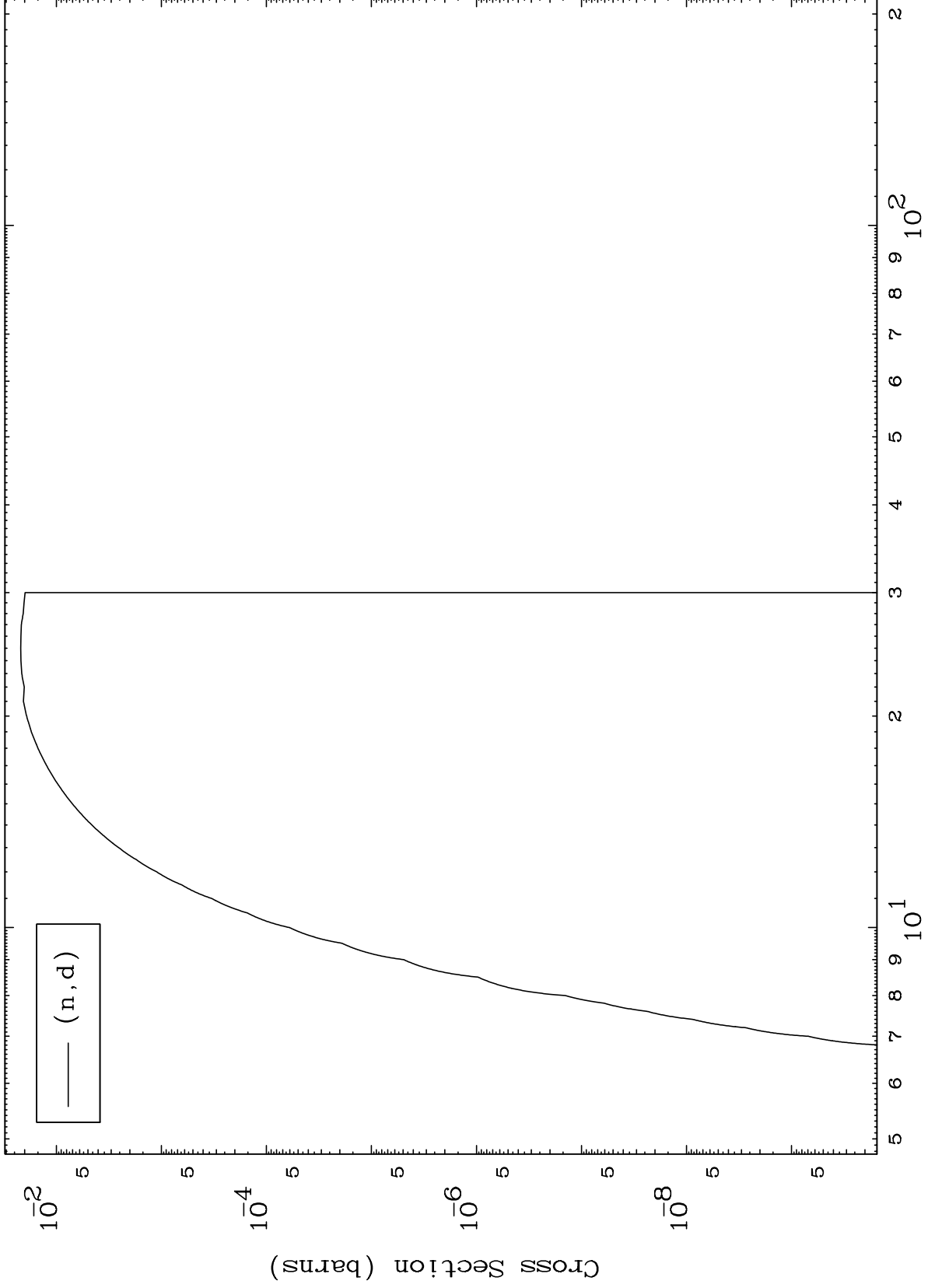
35-Br-80m



MAT 3529

(n,d) Levels
293 Kelvin Cross Sections

35-Br-80m



(n,d)

13

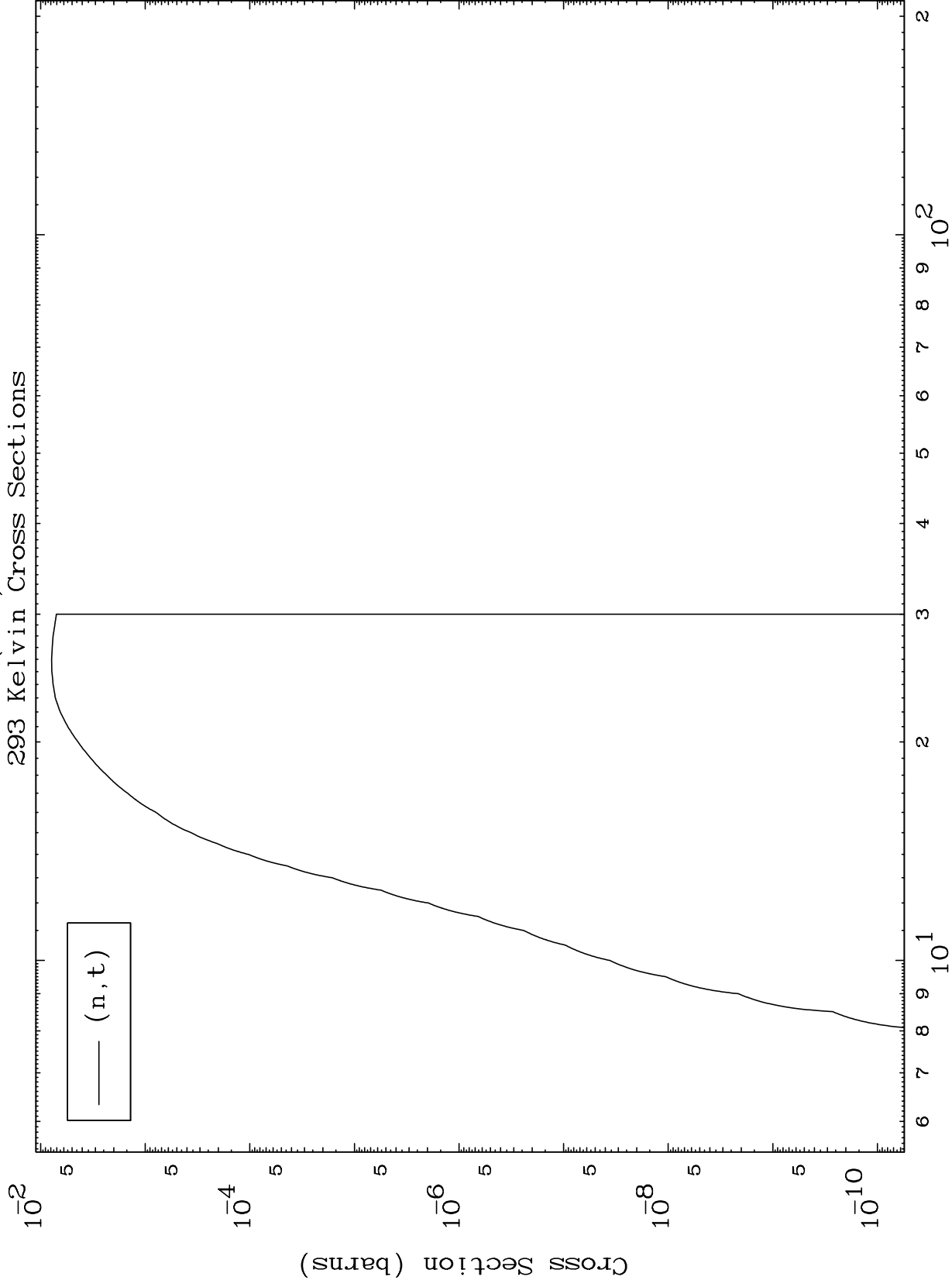
Incident Energy (MeV)

35-Br-80m

MAT 3529

(n,t) Levels
293 Kelvin Cross Sections

35-Br-80m



14

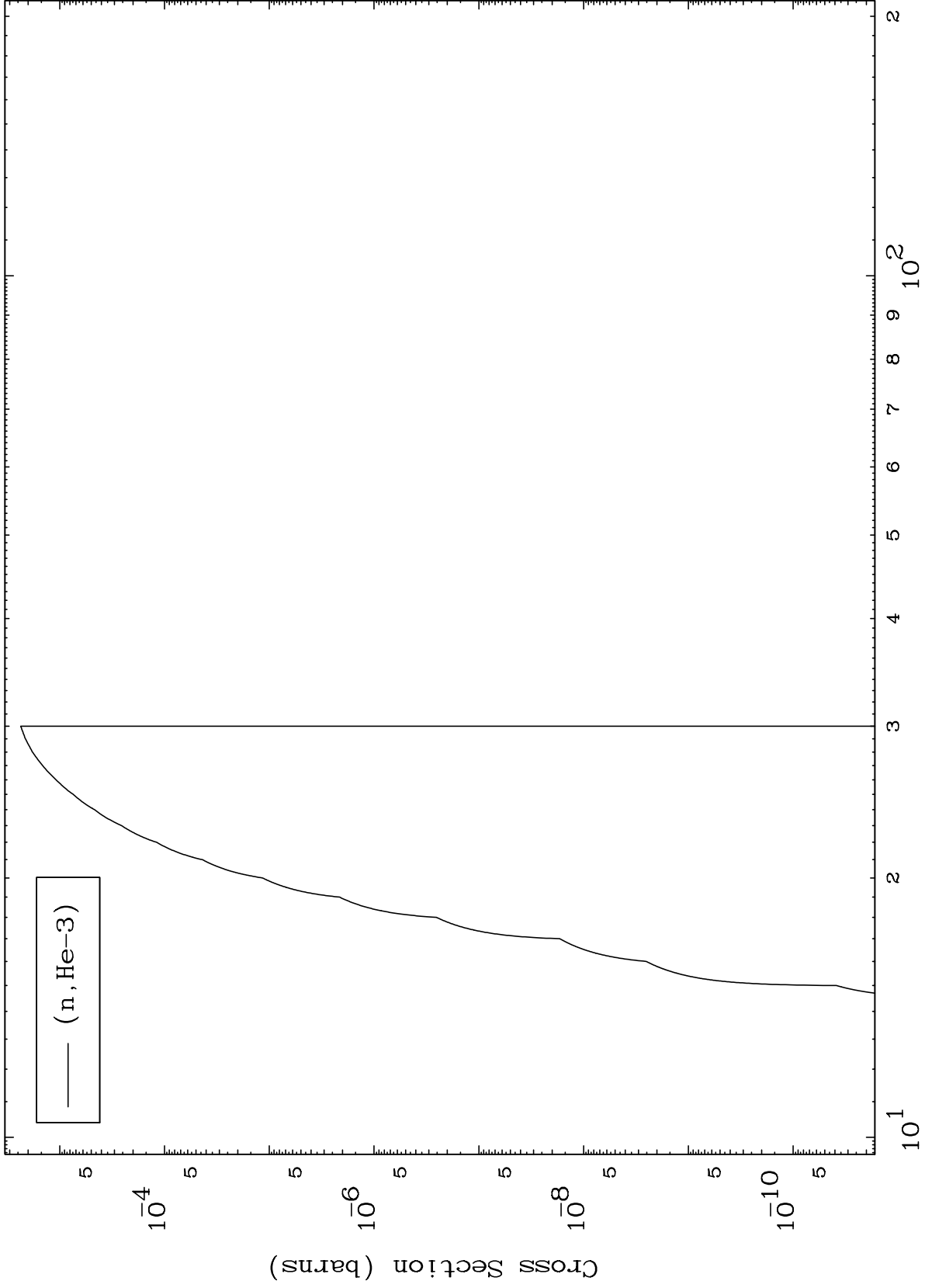
Incident Energy (MeV)

35-Br-80m

MAT 3529

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-80m



15

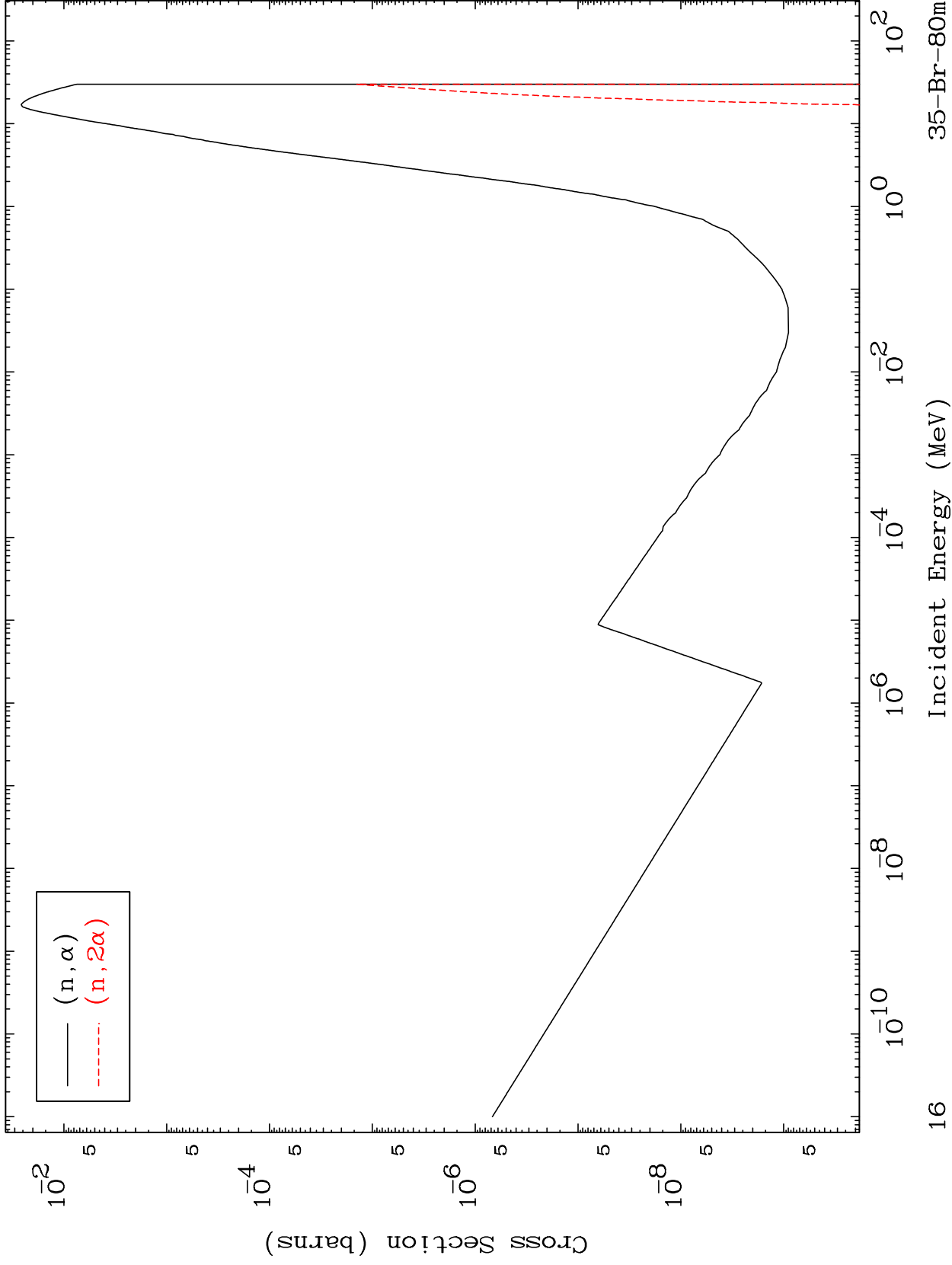
Incident Energy (MeV)

35-Br-80m

MAT 3529

(n, α) Levels
293 Kelvin Cross Sections

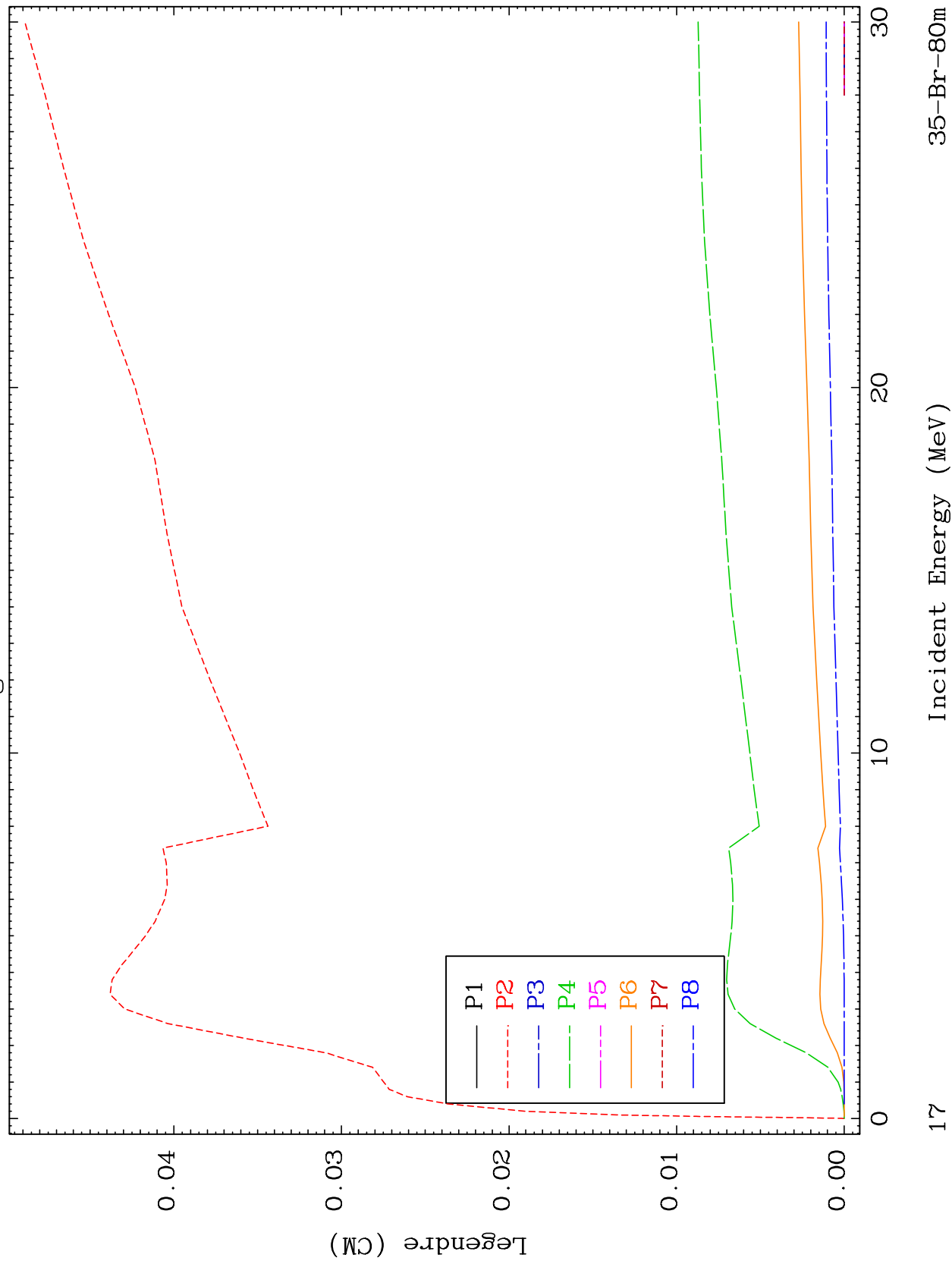
35-Br-80m



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Elastic Legendre Coefficients

35-Br-80m



17

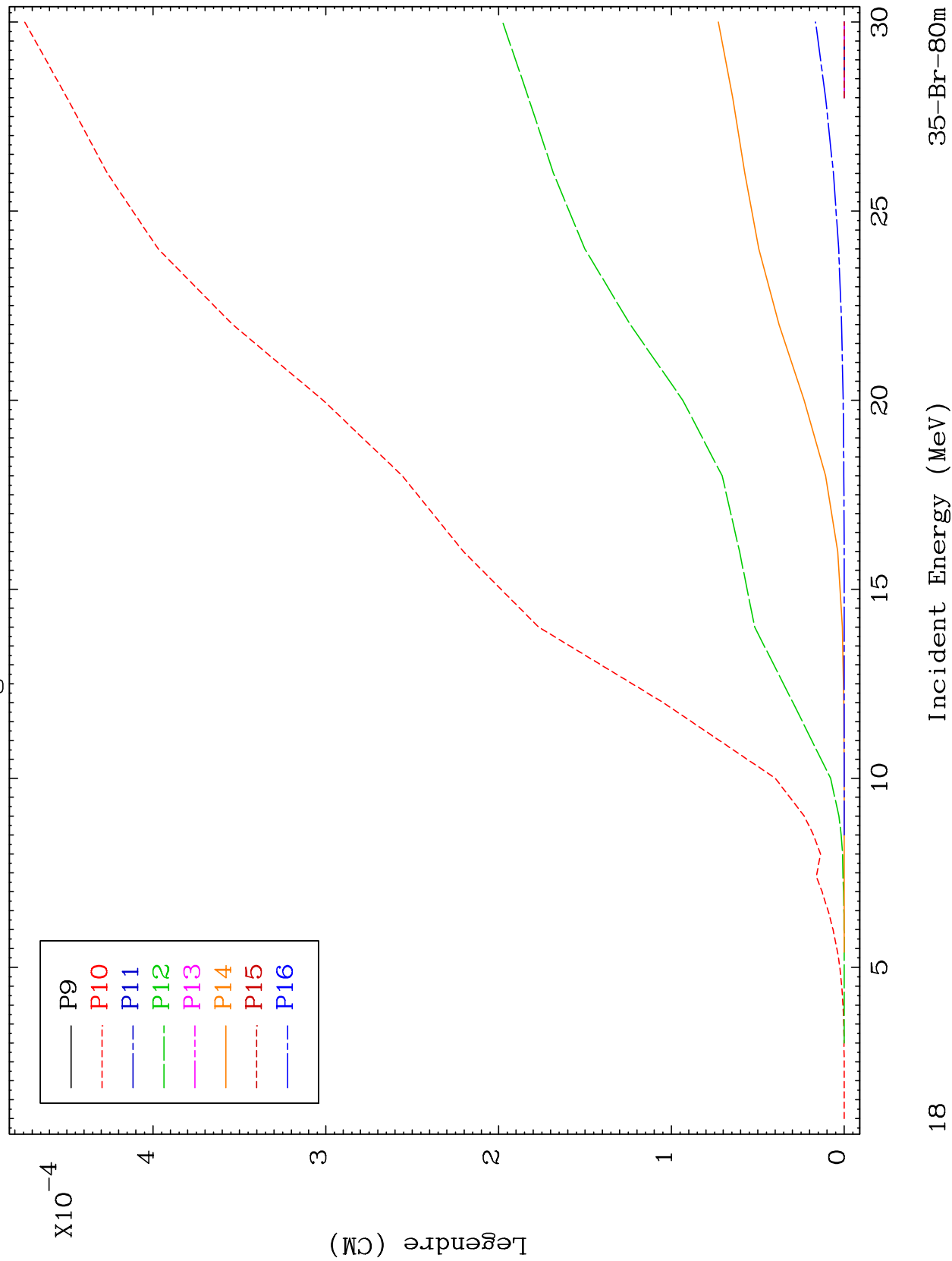
Incident Energy (MeV)

35-Br-80m

MAT 3529

Elastic Legendre Coefficients

35-Br-80m



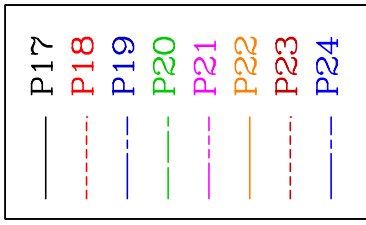
18

35-Br-80m

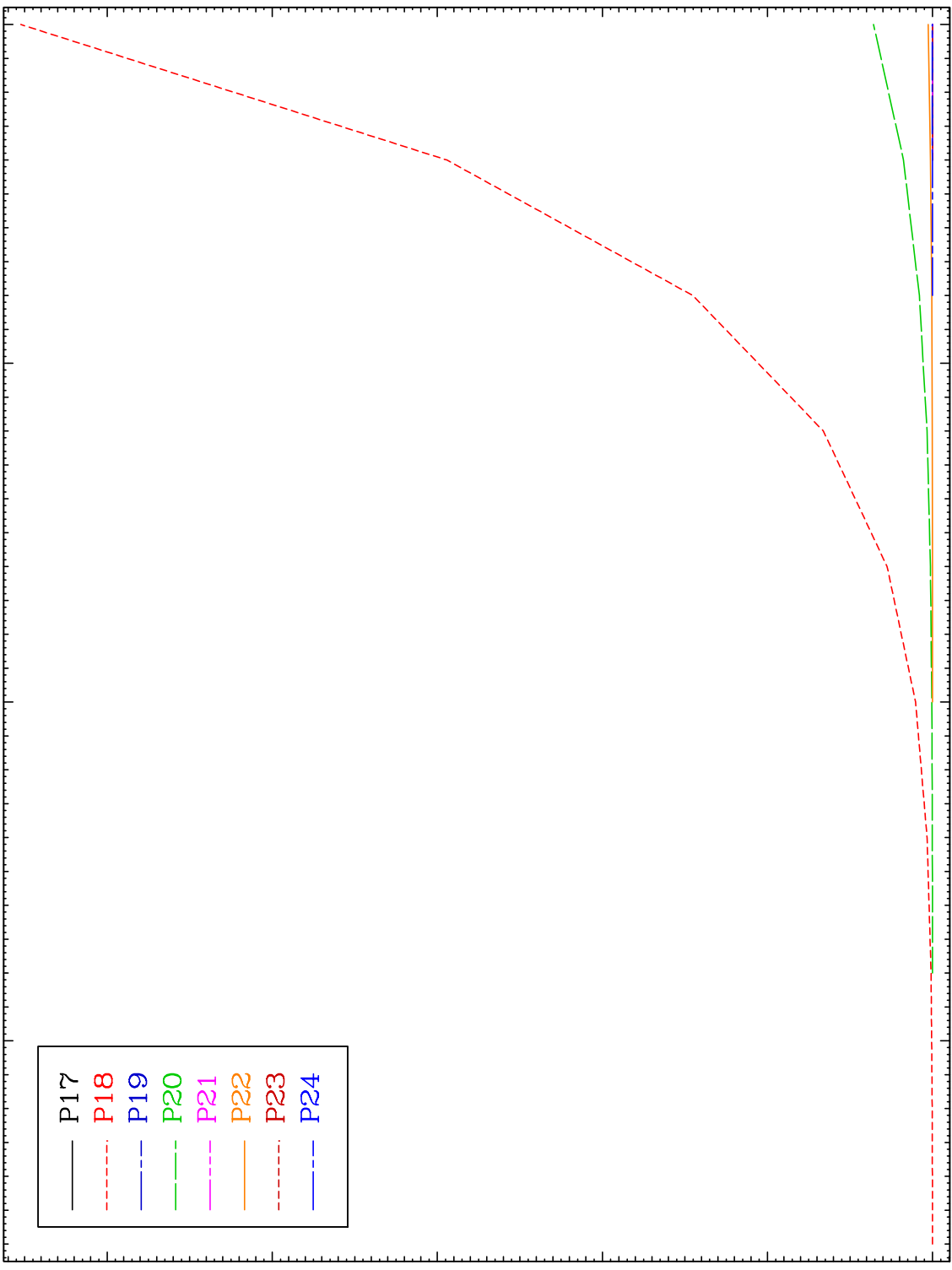
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Elastic Legendre Coefficients

35-Br-80m



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0



15 20 25 30

Incident Energy (MeV)

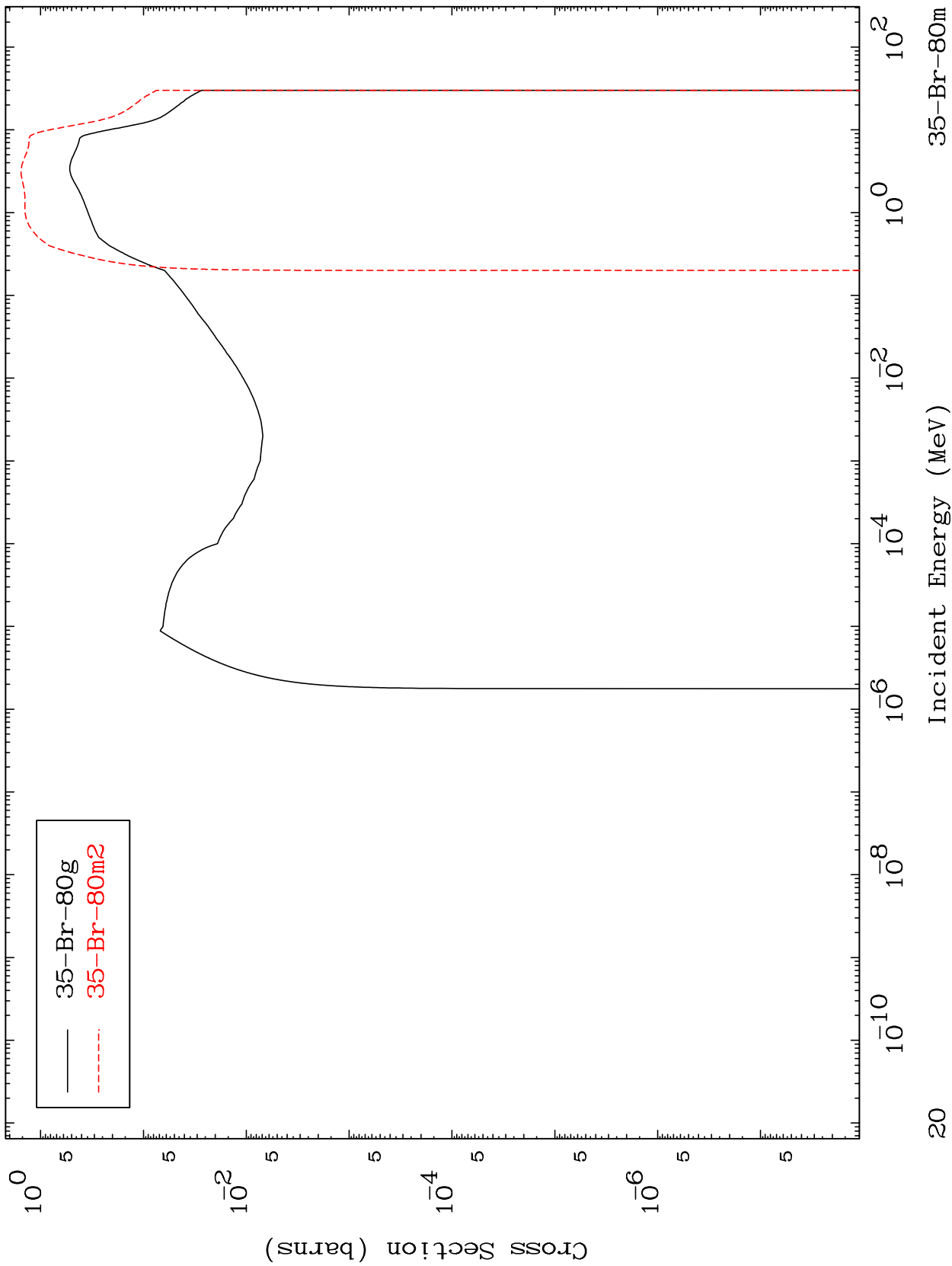
35-Br-80m

19

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³⁵Br-80m

Inelastic
Radionuclide Production Cross Section

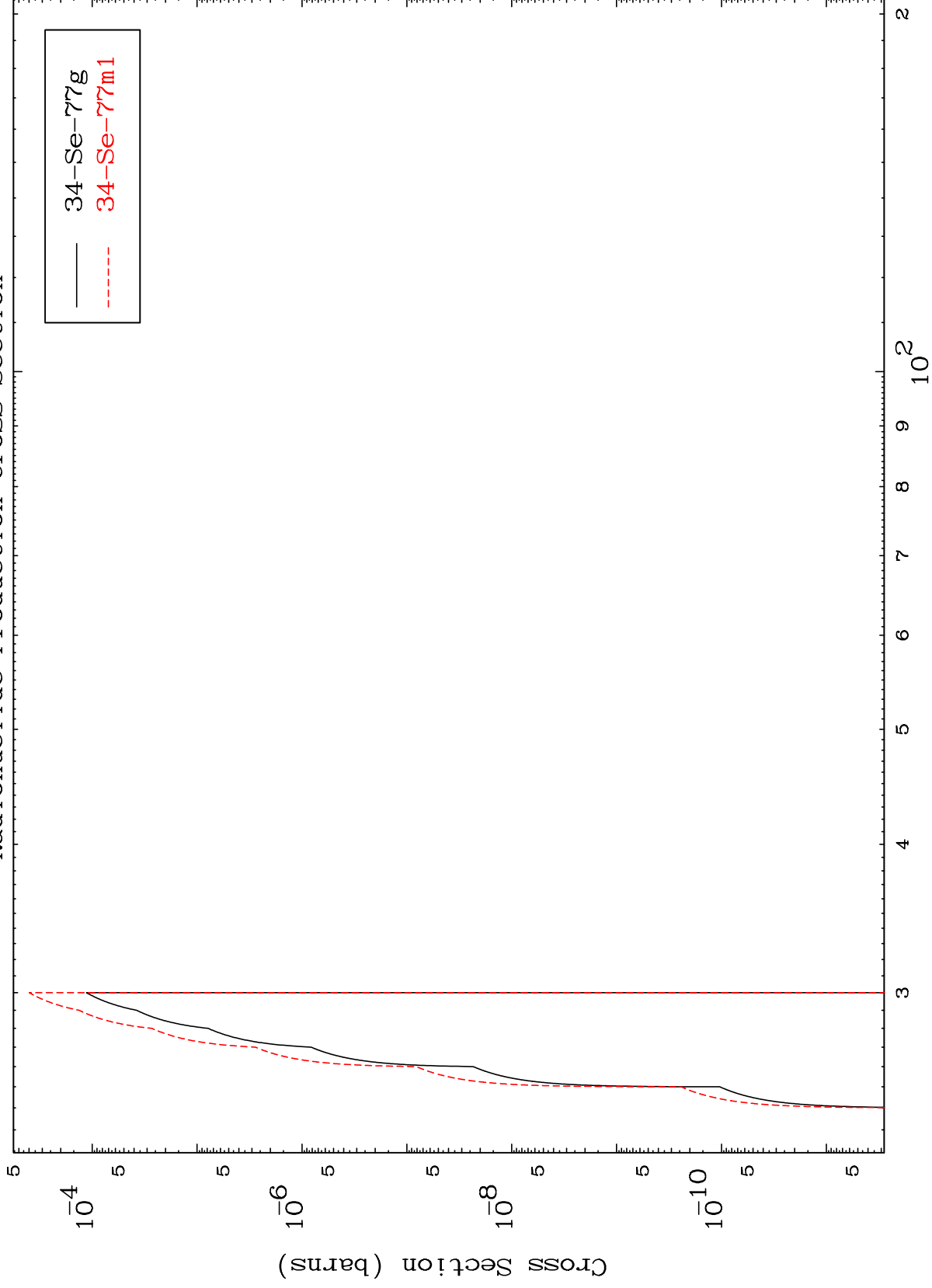


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(n,2n) d

35-Br-80m

Radionuclide Production Cross Section



21

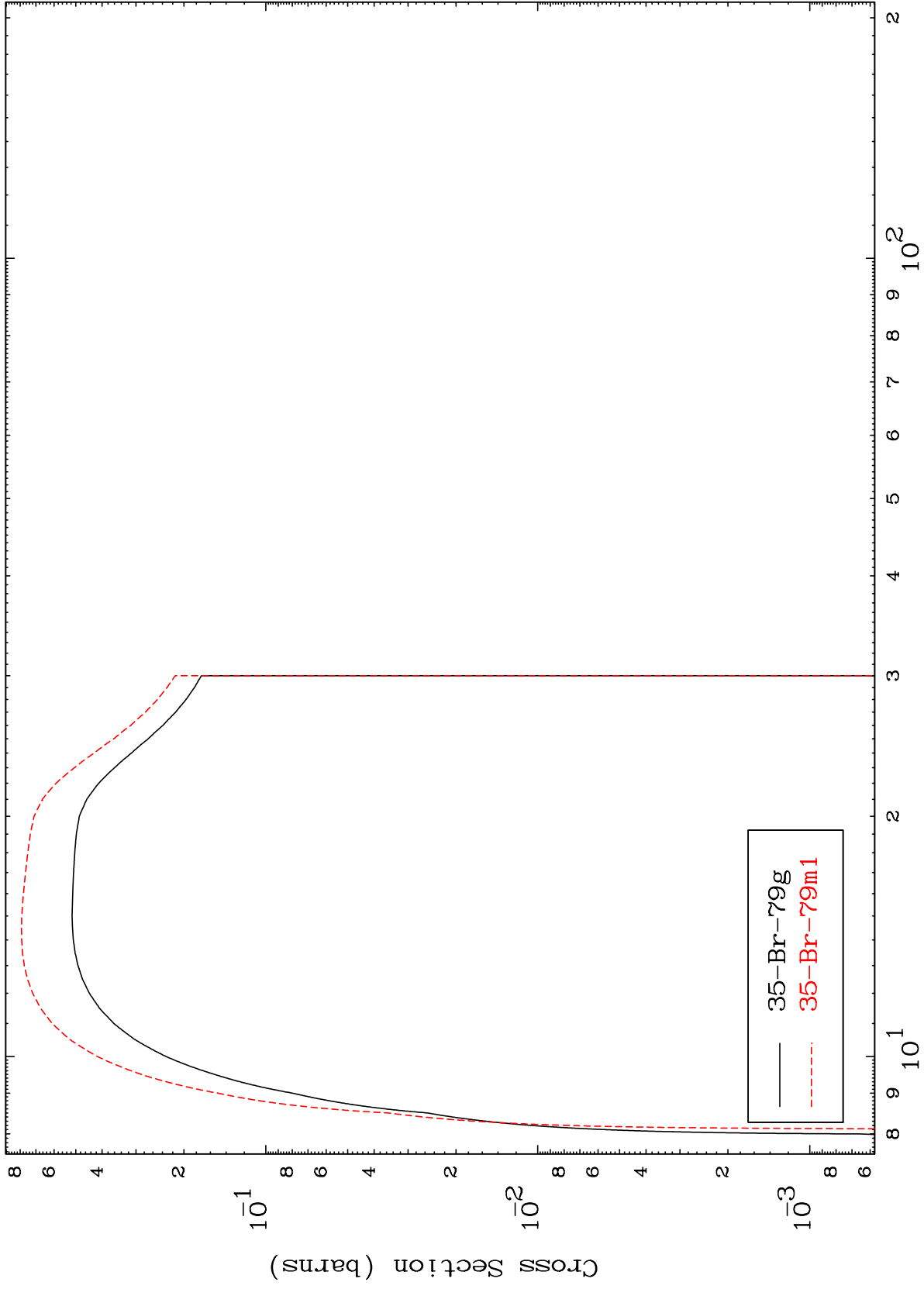
Incident Energy (MeV)

35-Br-80m

MAT 3529

³⁵Br-80m

(n,2n)
Radionuclide Production Cross Section



³⁵Br-80m

Incident Energy (MeV)

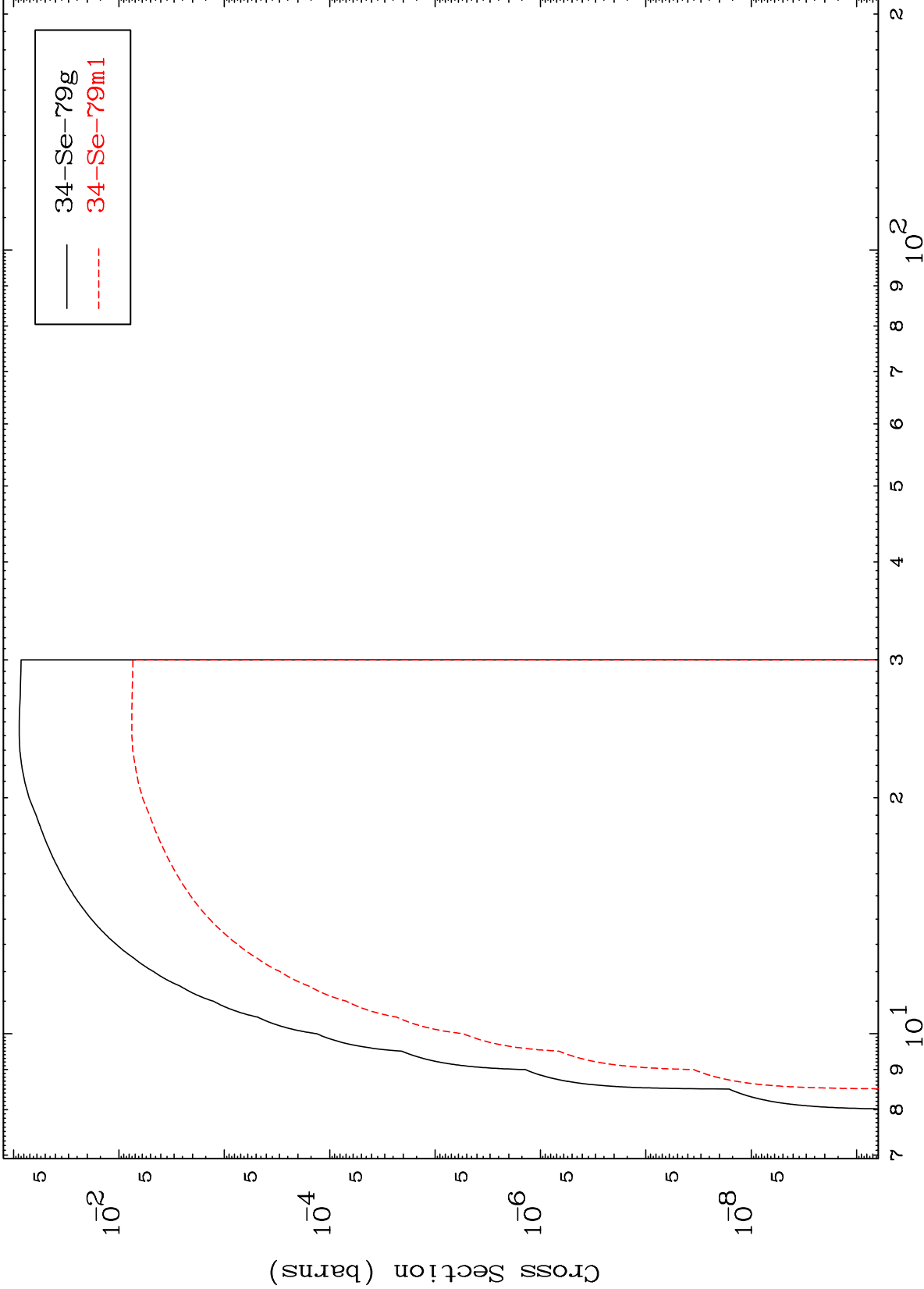
22

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(n,n') p

35-Br-80m

Radionuclide Production Cross Section



34-Br-79g
34-Br-79m1

23

Incident Energy (MeV)

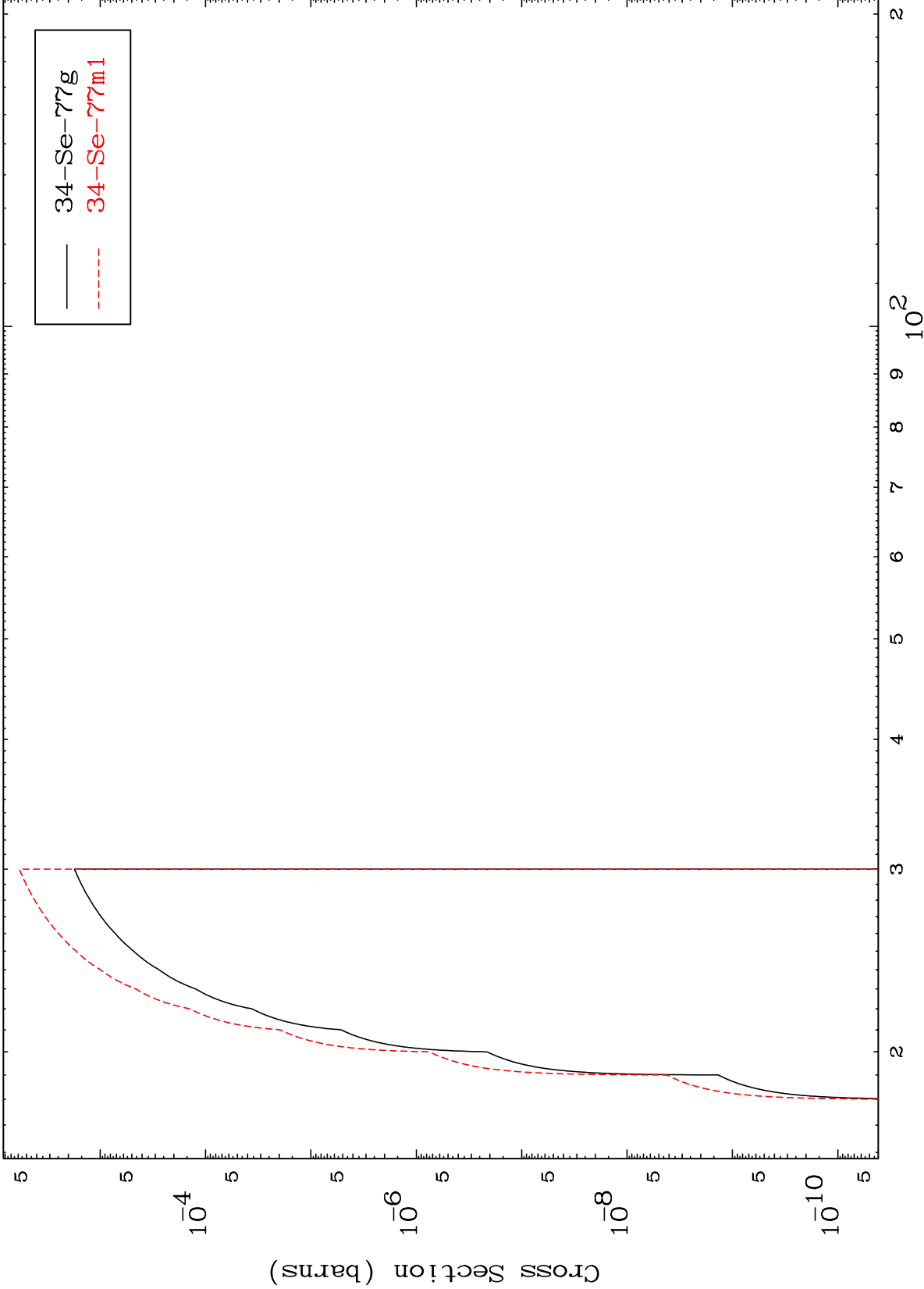
35-Br-80m

MAT 3529

(n,n') t

35-Br-80m

Radionuclide Production Cross Section



24

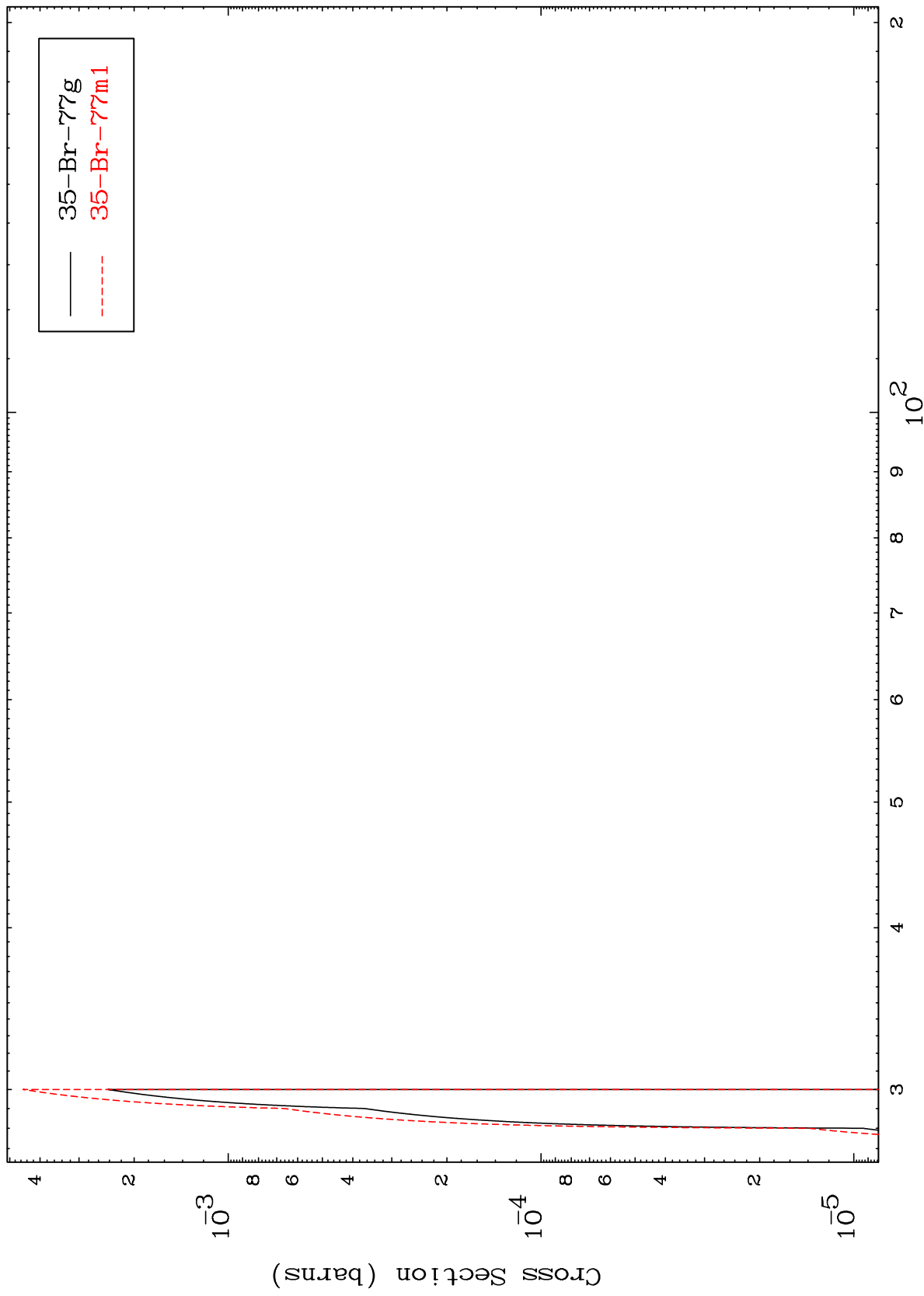
Incident Energy (MeV)

35-Br-80m

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35-Br-80m

(n,4n)
Radionuclide Production Cross Section



25

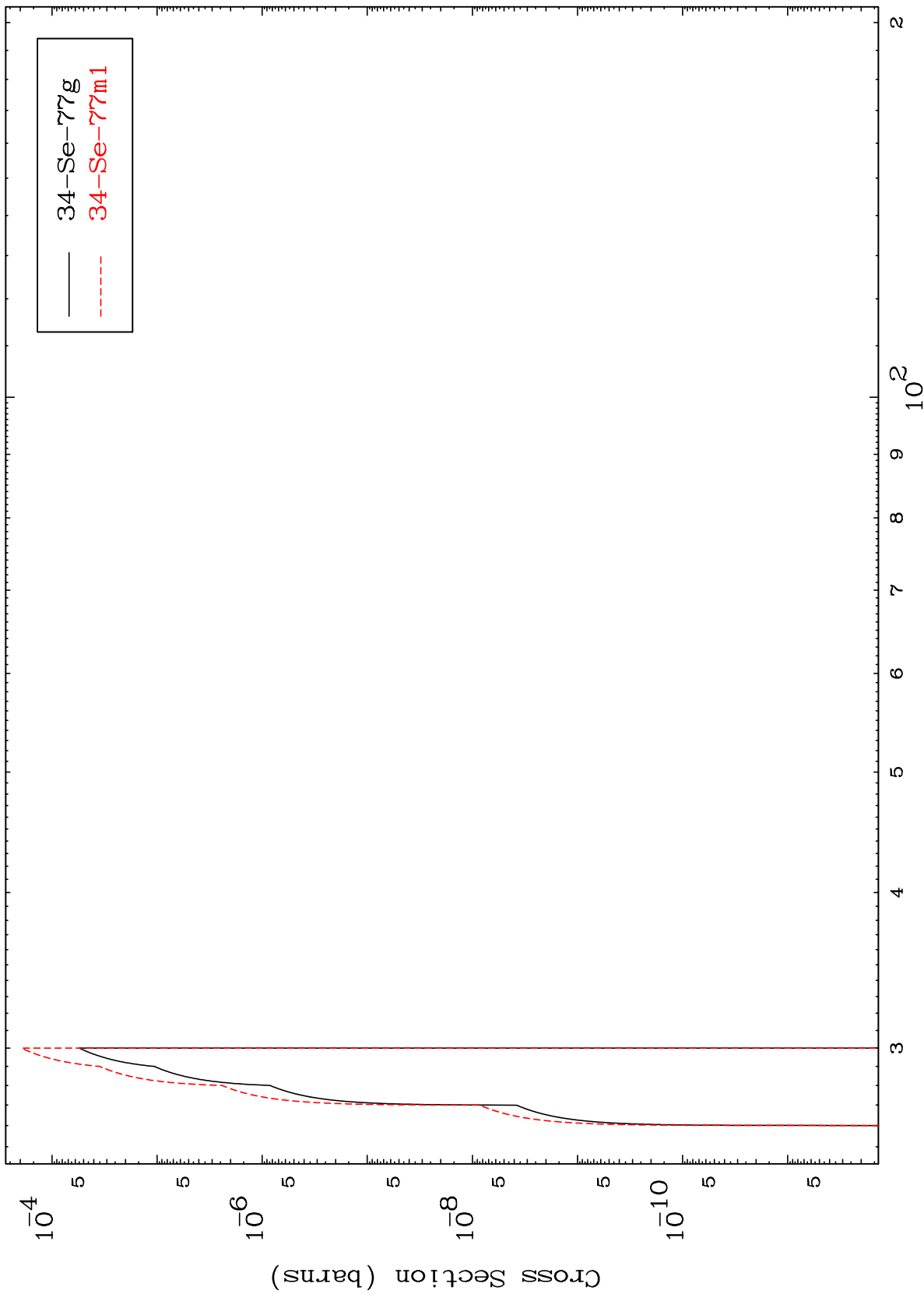
Incident Energy (MeV)

35-Br-80m

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35-Br-80m

(n,3n) p
Radionuclide Production Cross Section



35-Br-80m

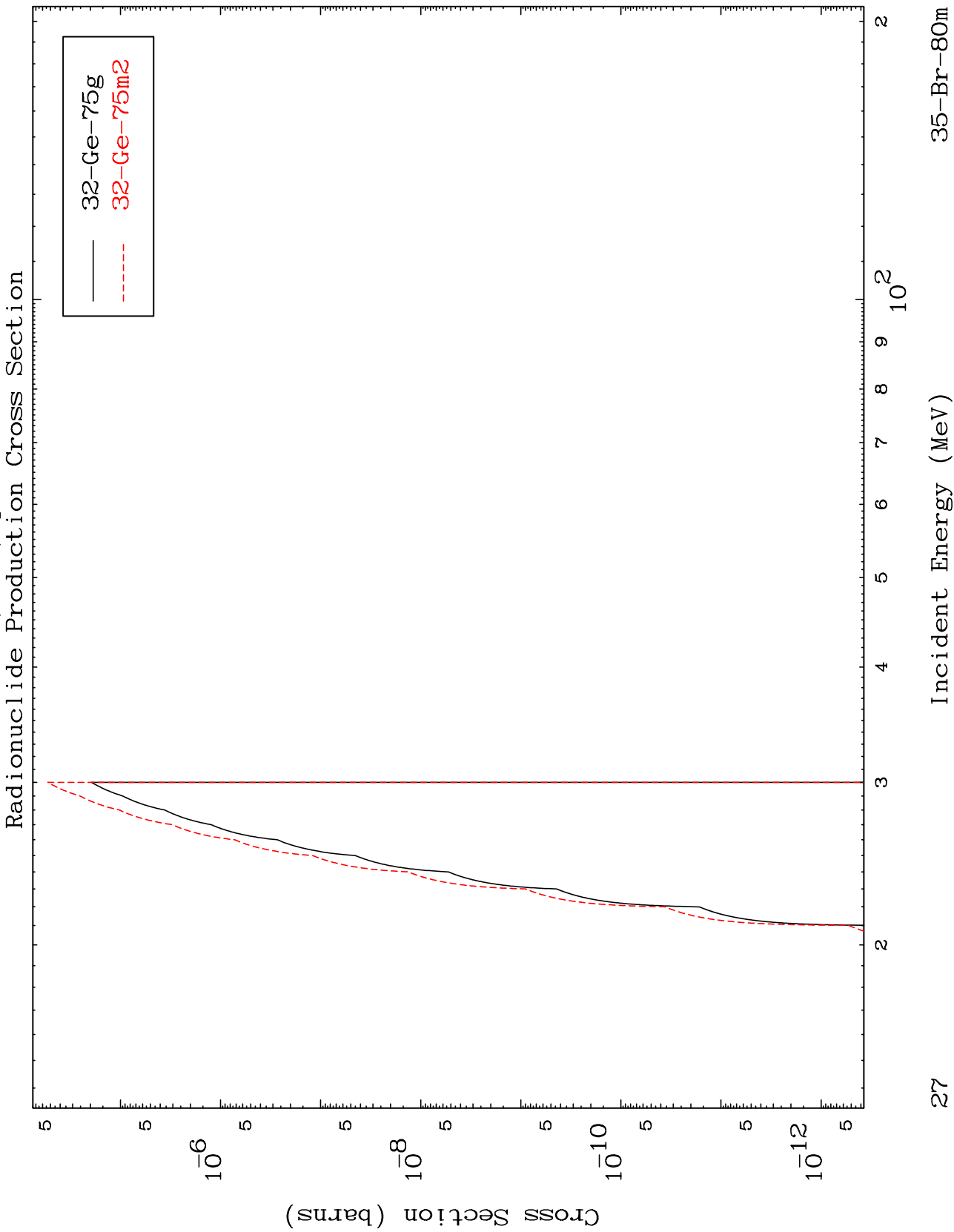
Incident Energy (MeV)

26

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(n,n') p α

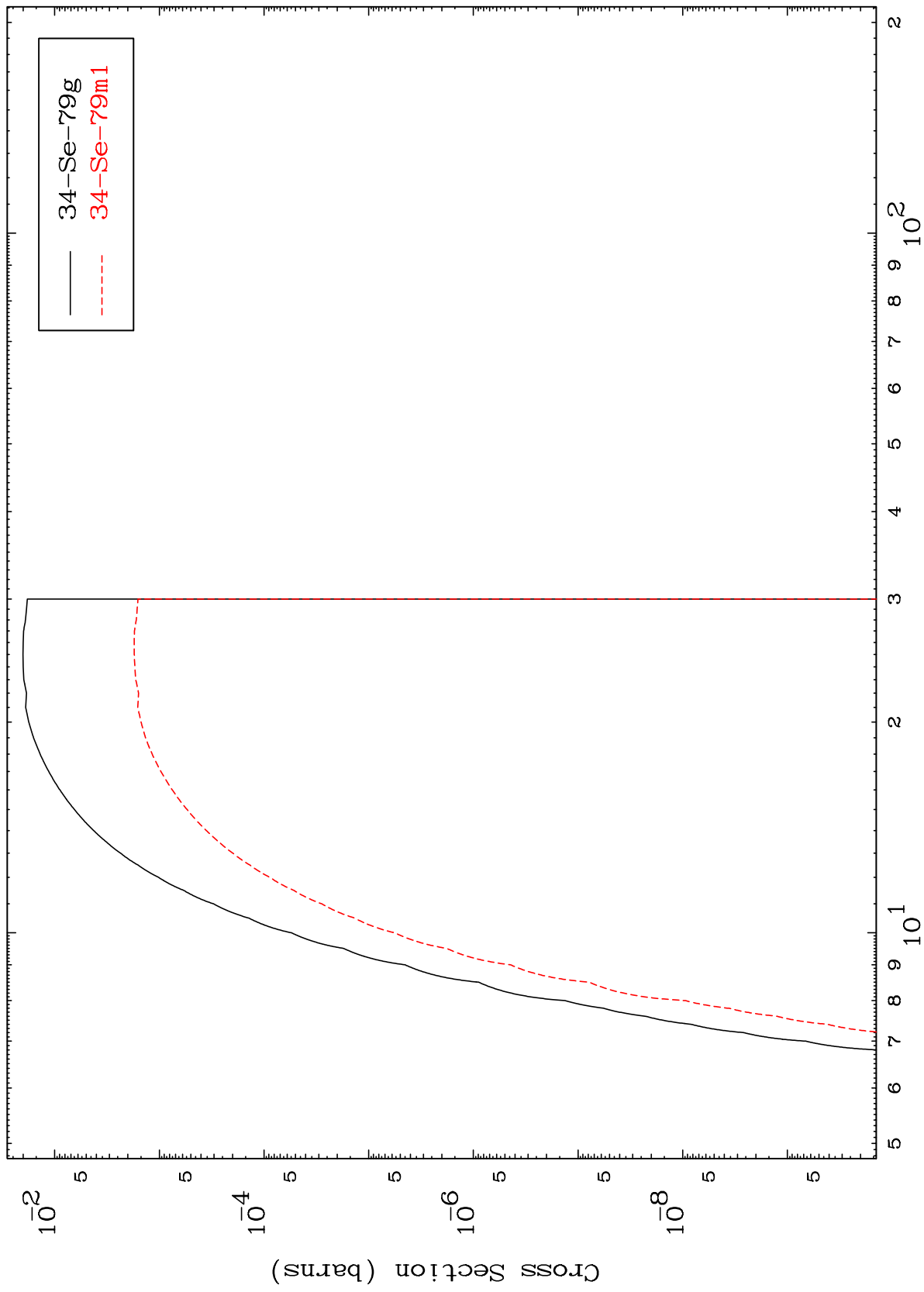
35-Br-80m



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35-Br-80m

(n,d)
Radionuclide Production Cross Section



28

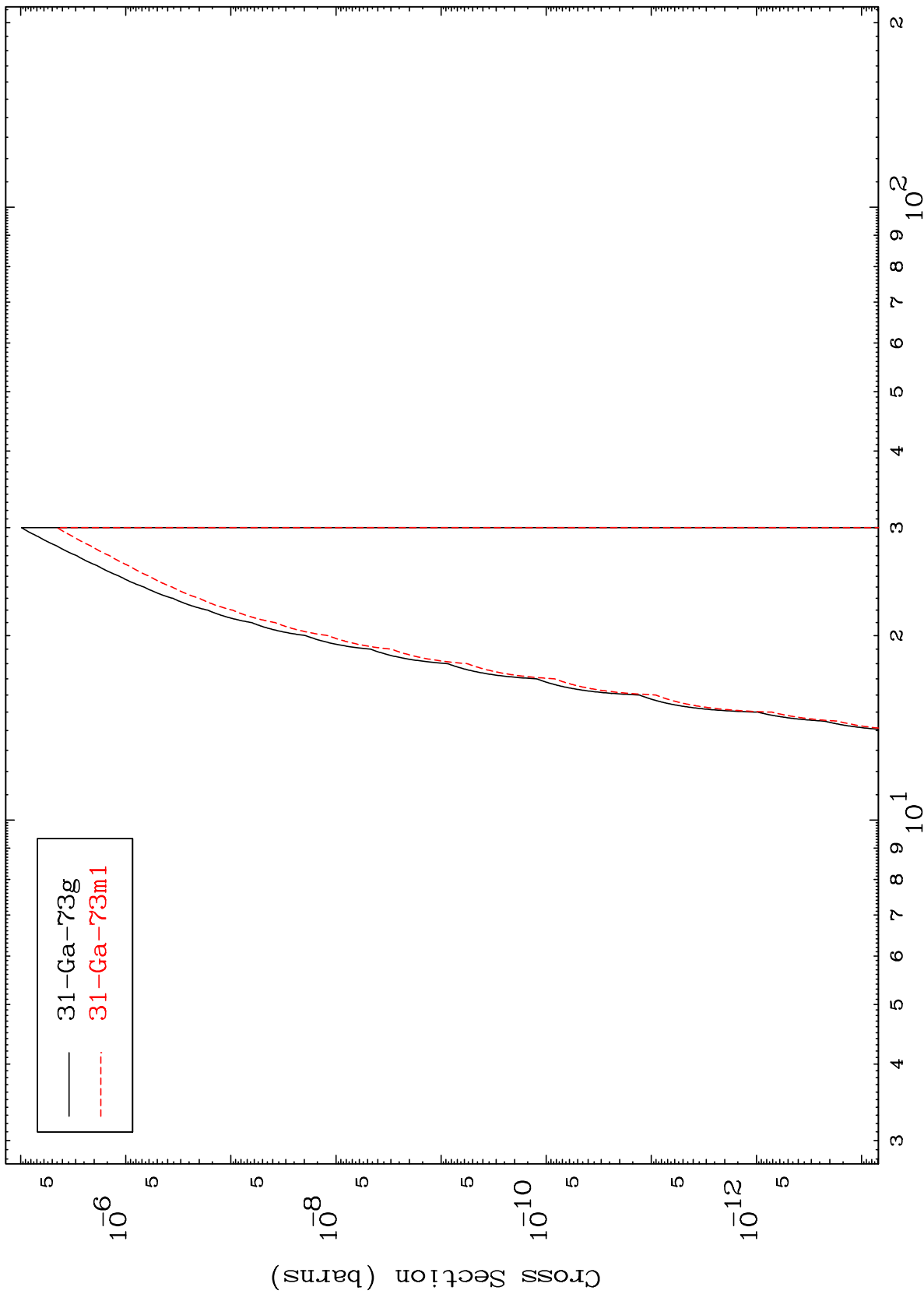
Incident Energy (MeV)

35-Br-80m

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35-Br-80m

(n,2α)
Radionuclide Production Cross Section



35-Br-80m

Incident Energy (MeV)

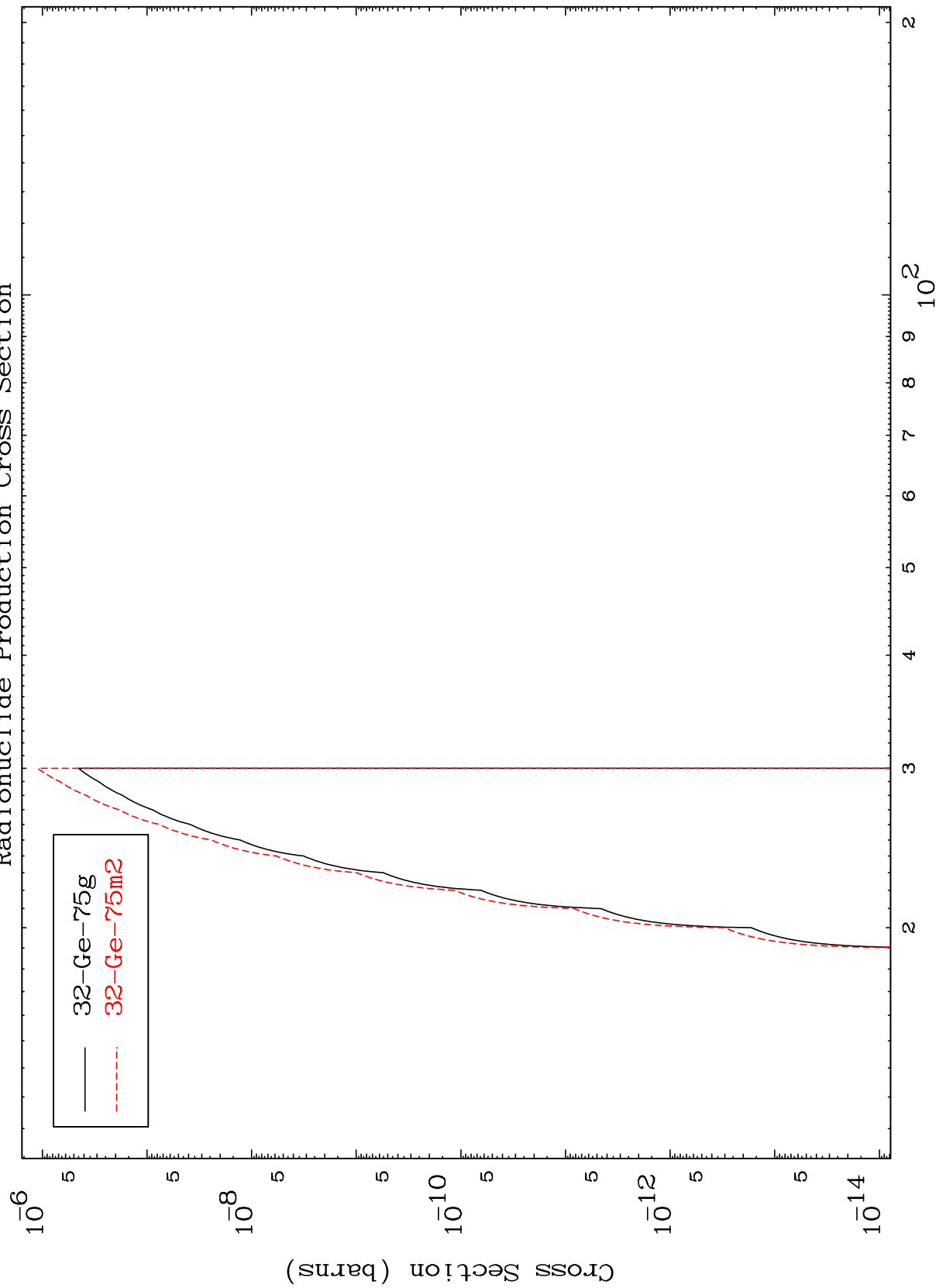
29

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35-Br-80m

(n,d) α

Radionuclide Production Cross Section



Incident Energy (MeV)

35-Br-80m

30