

Program EVALPLOT
(Version 2021-1)

by

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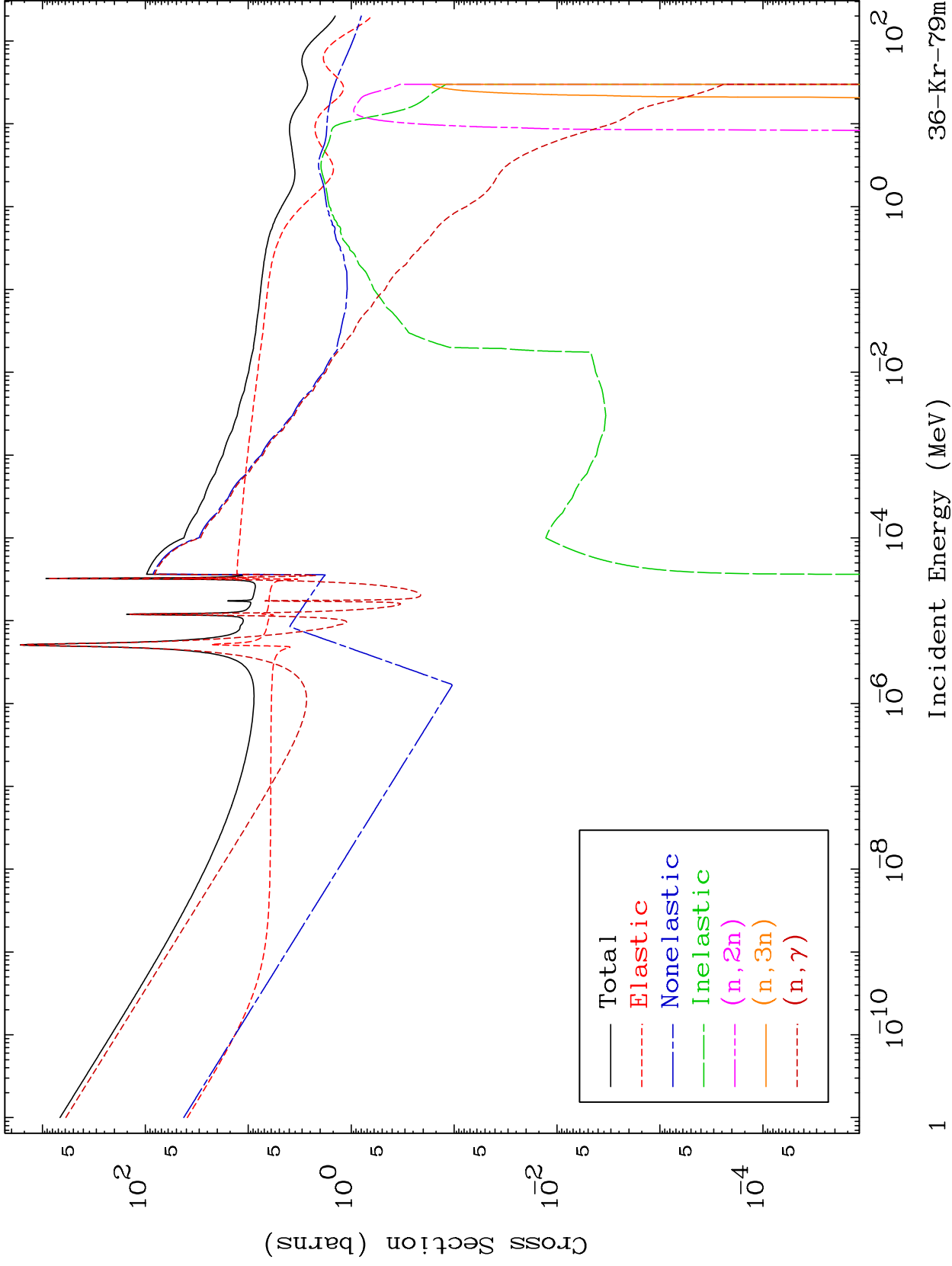
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3629

Neutron Major
293 Kelvin Cross Sections

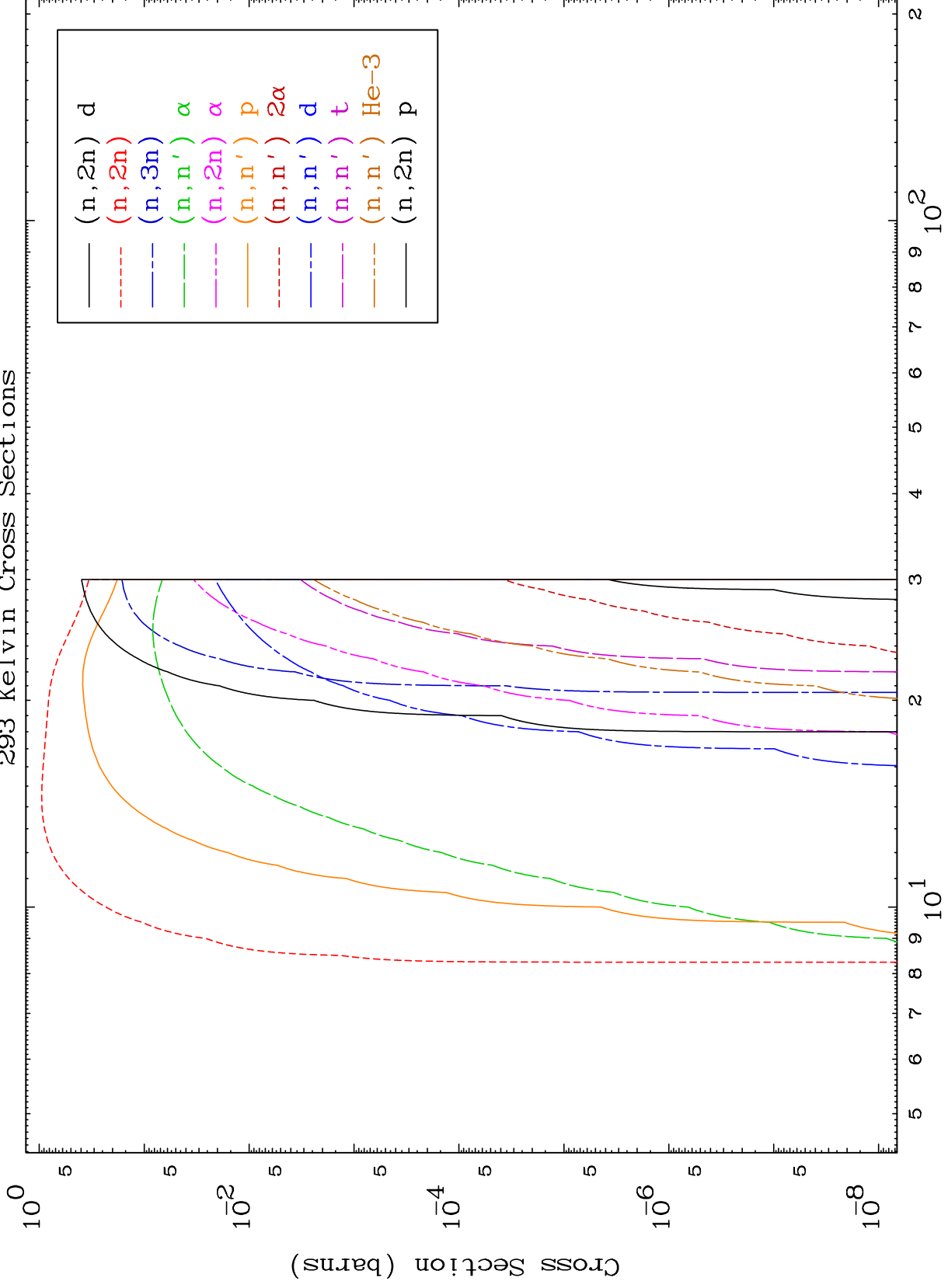
36-Kr-79m



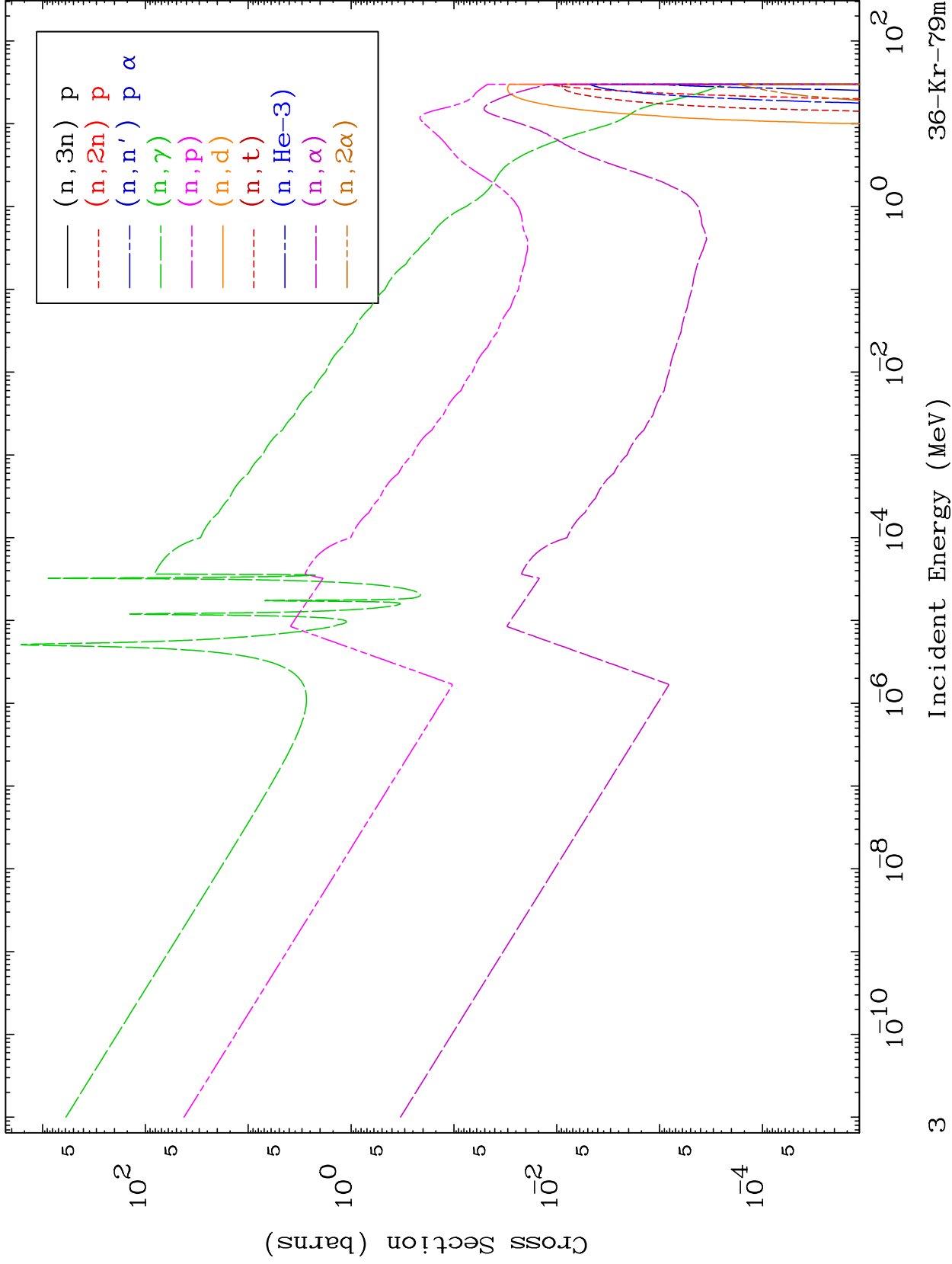
MAT 3629

Neutron Absorption
293 Kelvin Cross Sections

36-Kr-79m



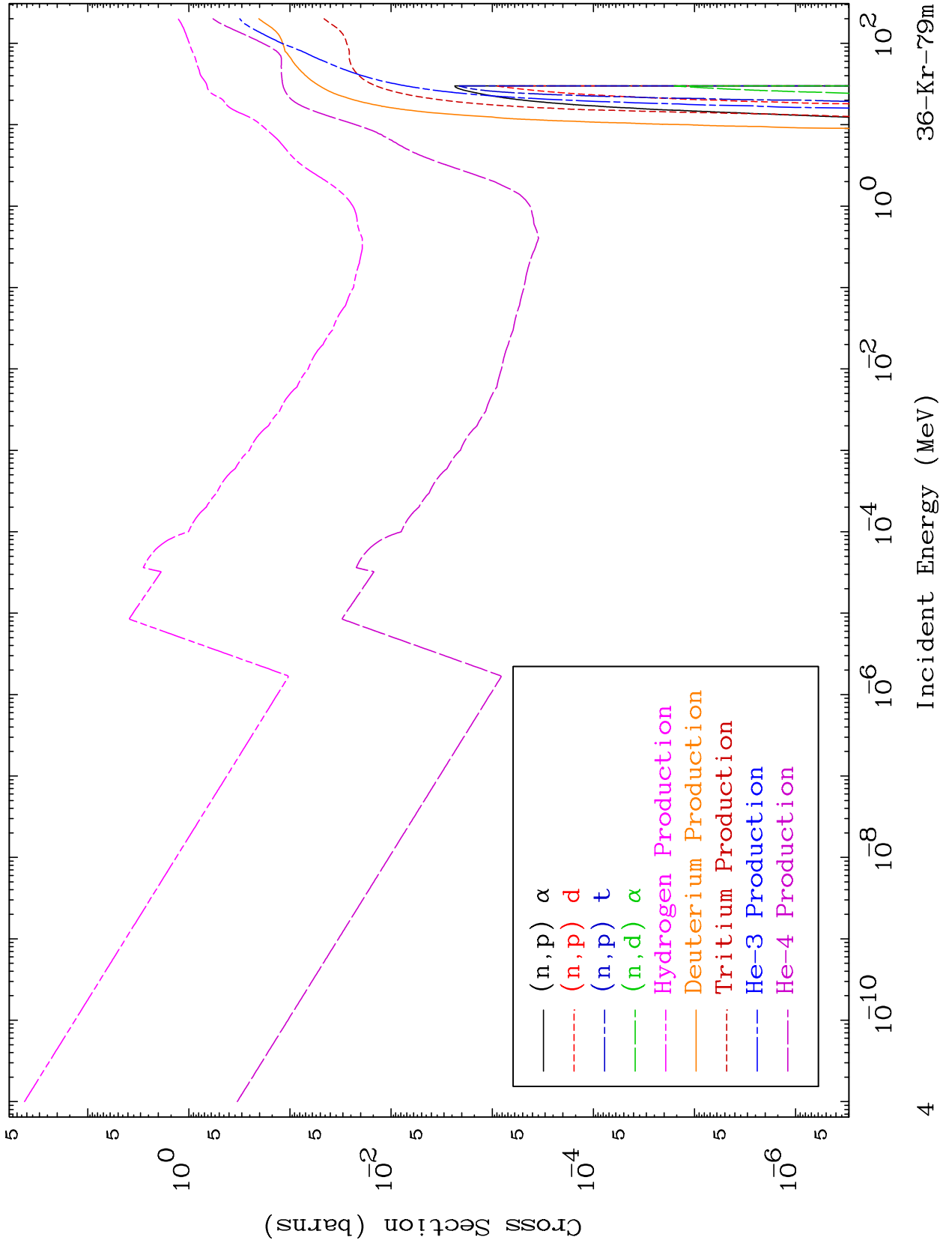
Neutron Absorption
293 Kelvin Cross Sections



MAT 3629

Neutron Absorption
293 Kelvin Cross Sections

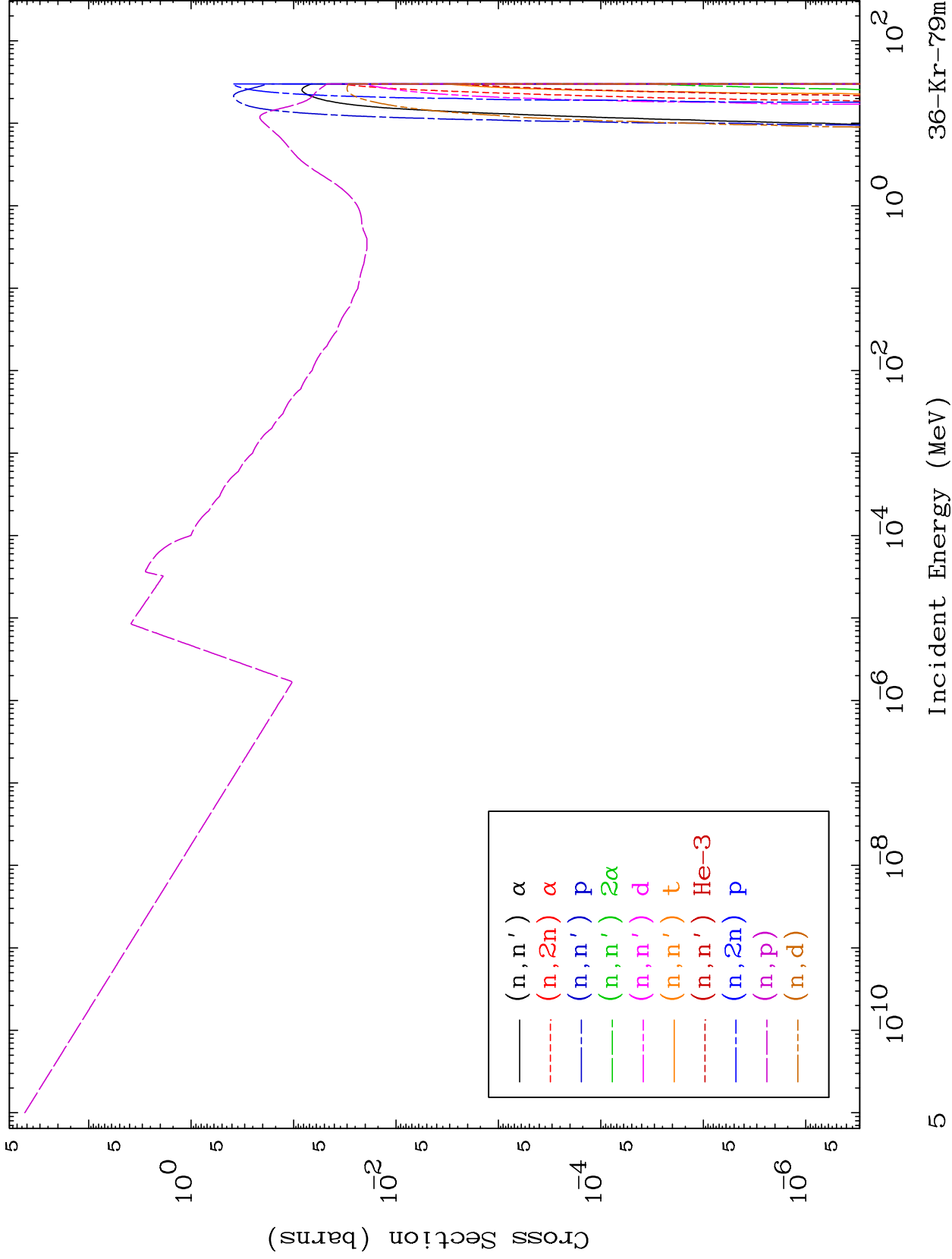
36-Kr-79m



MAT 3629

Charged Particle
293 Kelvin Cross Sections

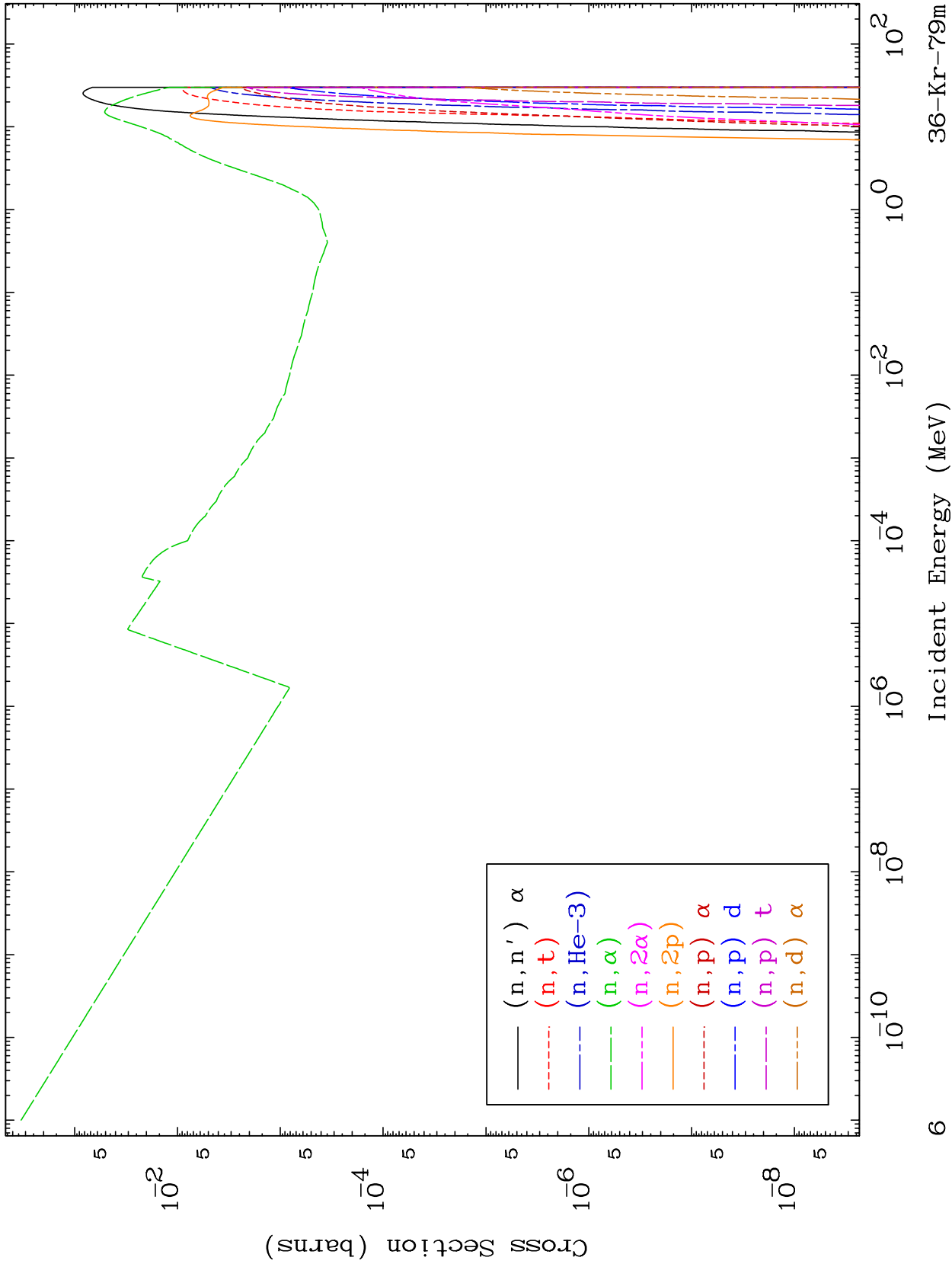
36-Kr-79m



MAT 3629

Charged Particle
293 Kelvin Cross Sections

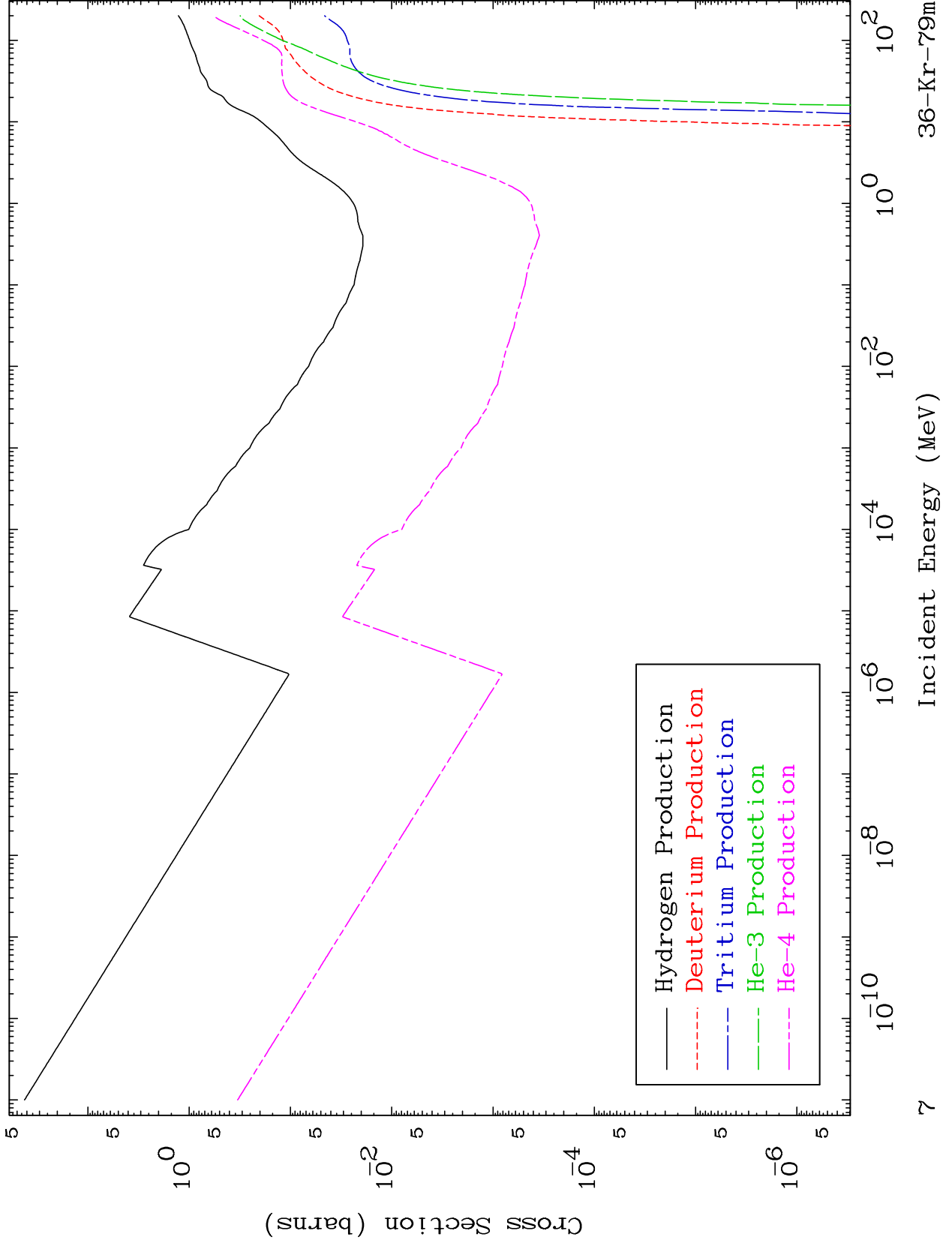
36-Kr-79m



MAT 3629

Particle Production
293 Kelvin Cross Sections

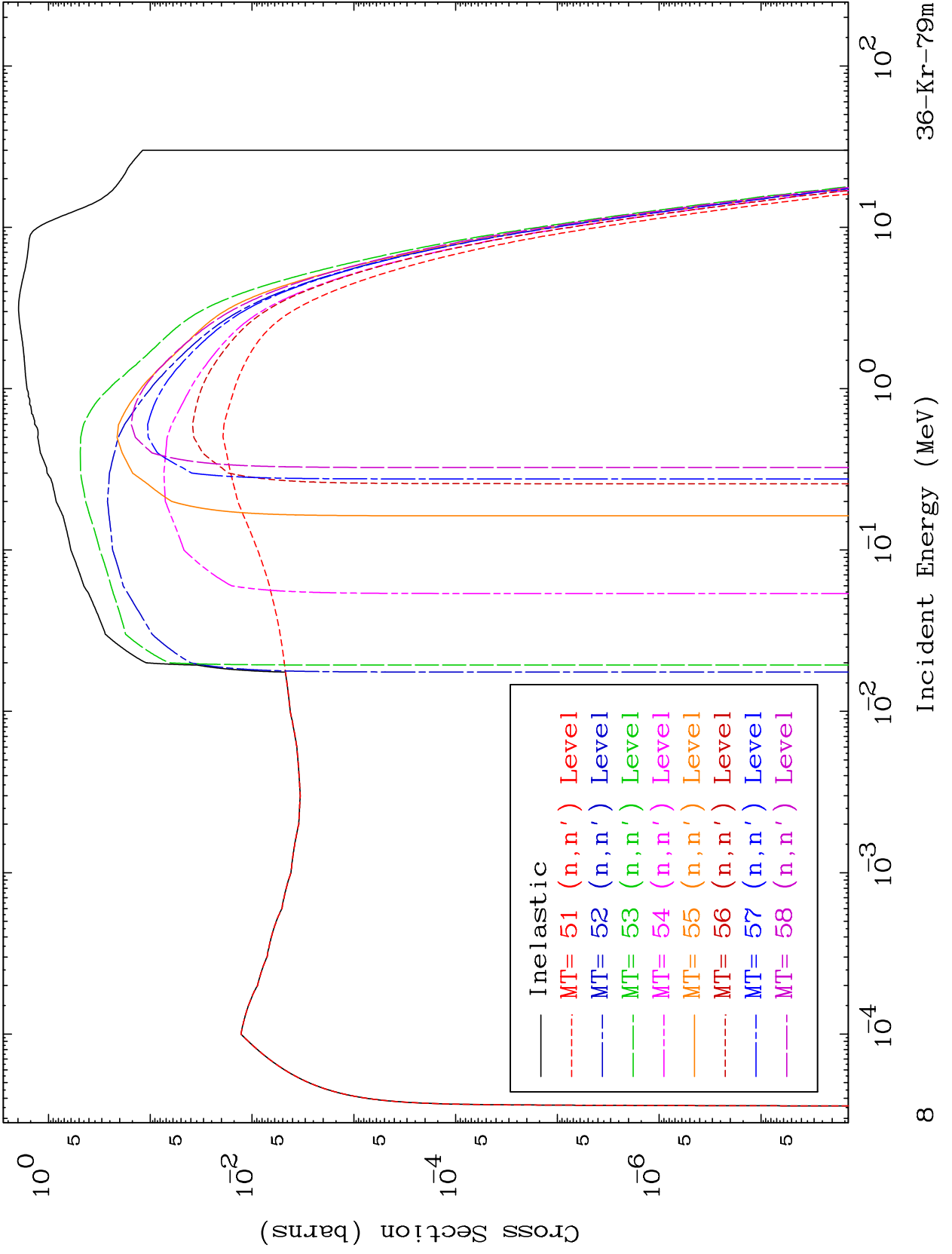
36-Kr-79m



MAT 3629

(n,n') Levels
293 Kelvin Cross Sections

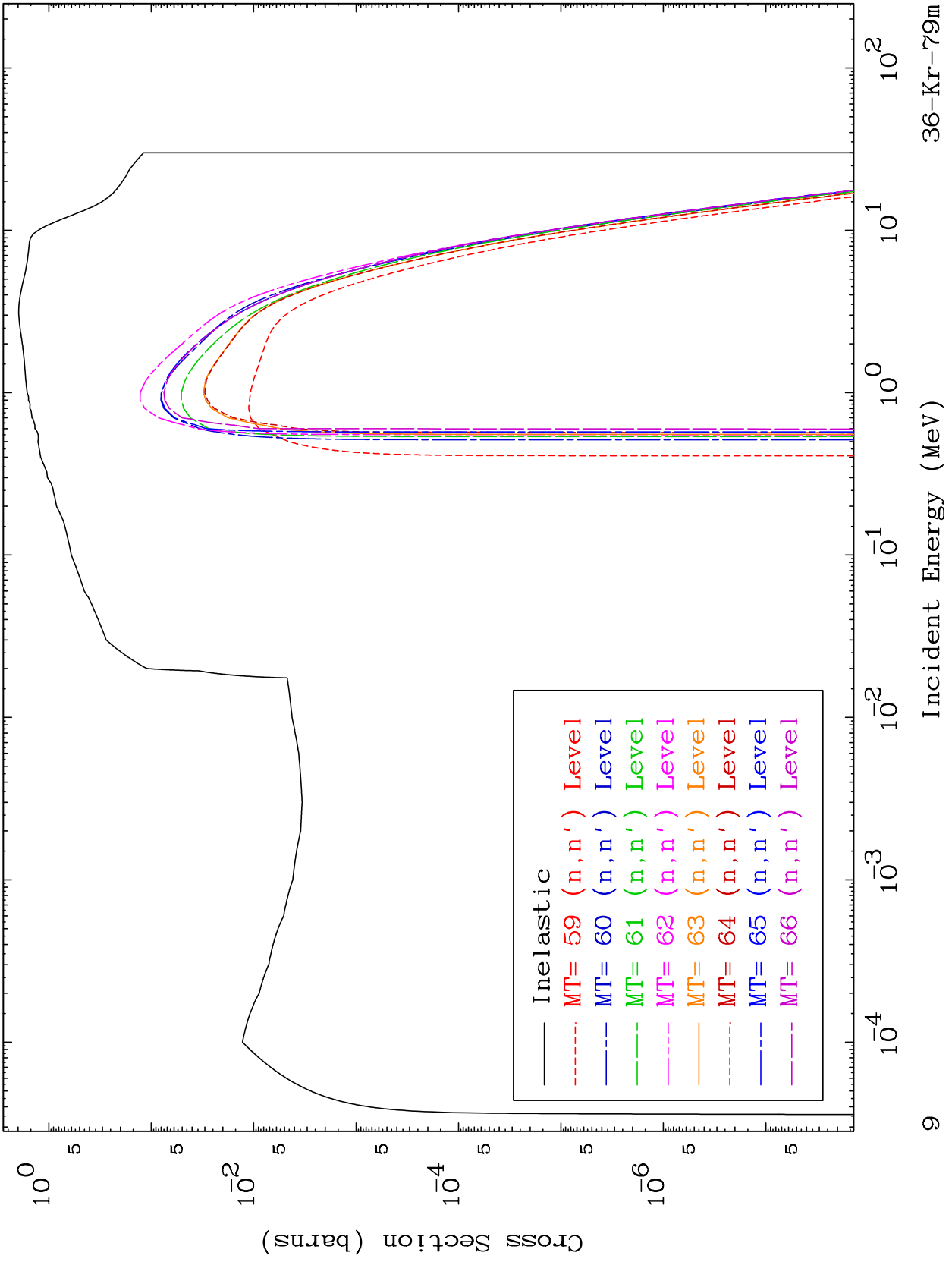
36-Kr-79m



MAT 3629

(n,n') Levels
293 Kelvin Cross Sections

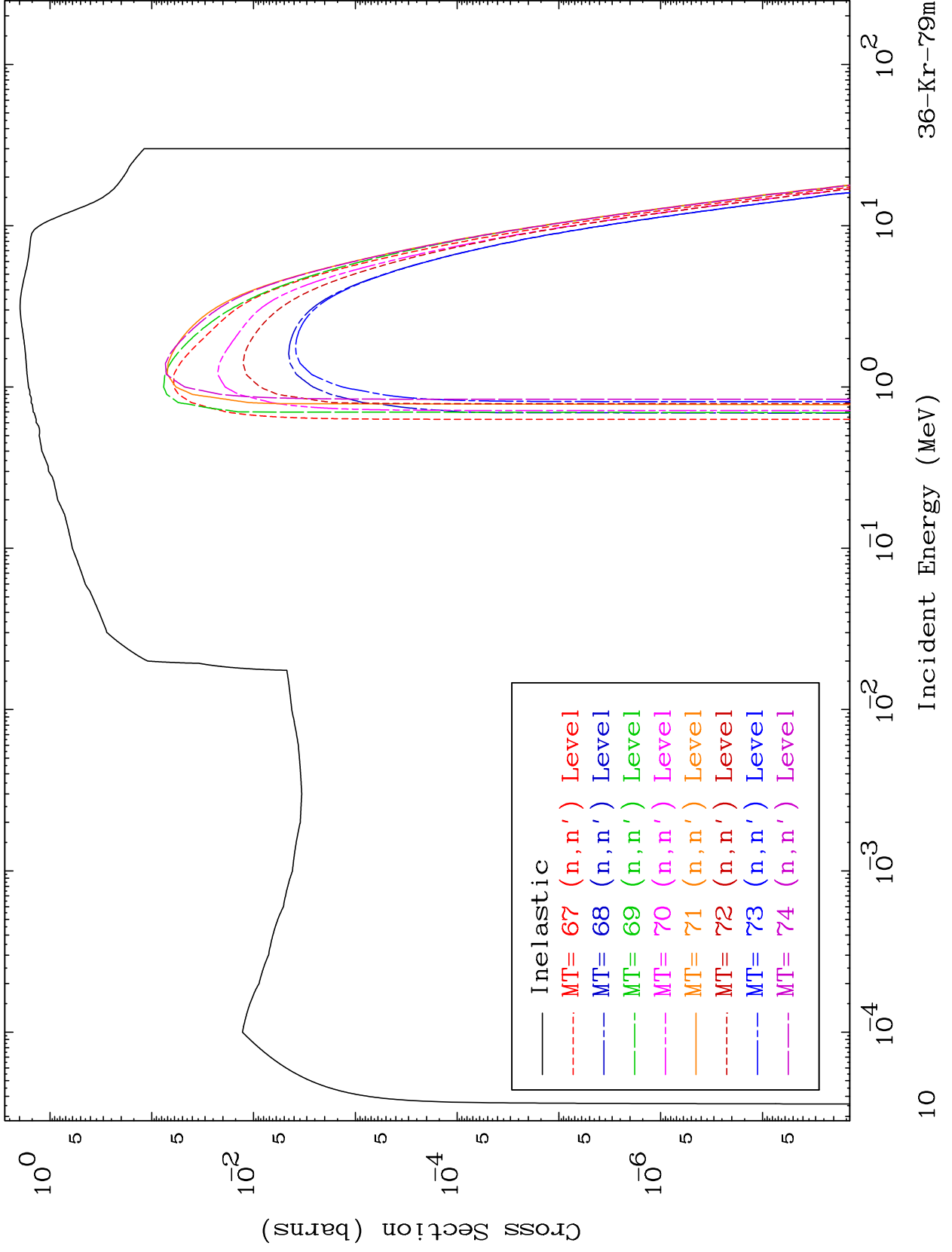
36-Kr-79m



MAT 3629

(n,n') Levels
293 Kelvin Cross Sections

36-Kr-79m



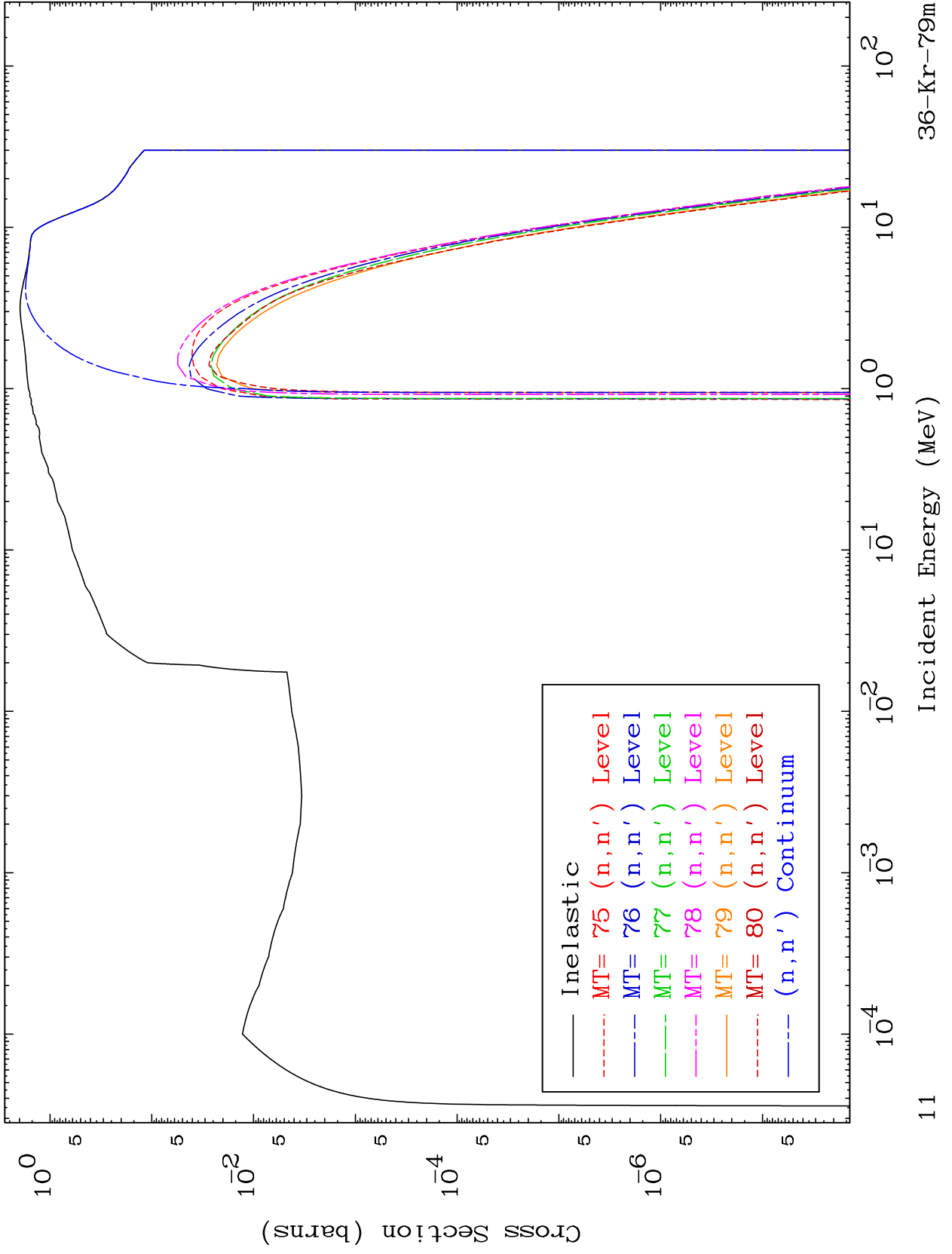
10

36-Kr-79m

MAT 3629

(n,n') Levels
293 Kelvin Cross Sections

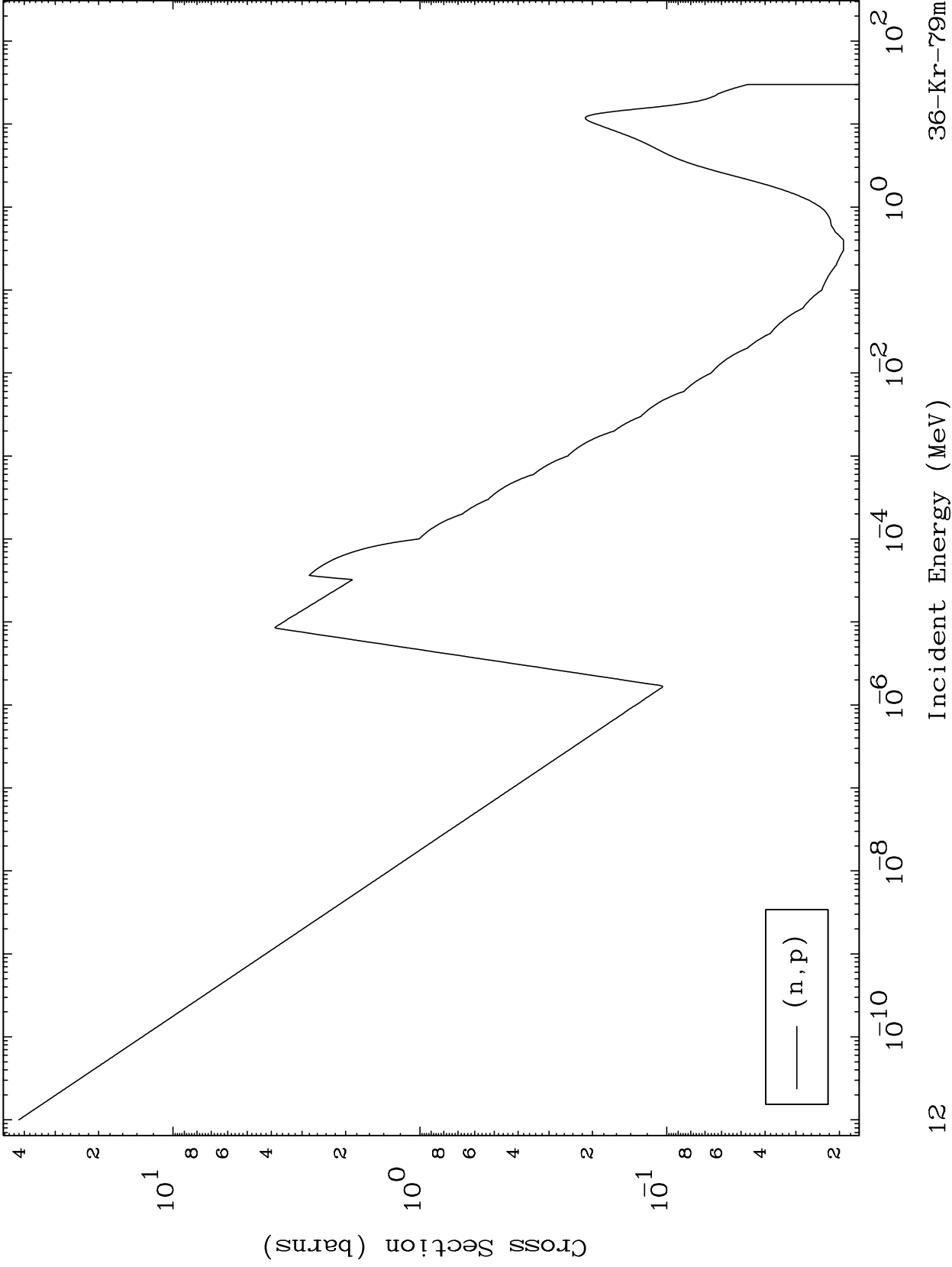
36-Kr-79m



MAT 3629

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-79m



12

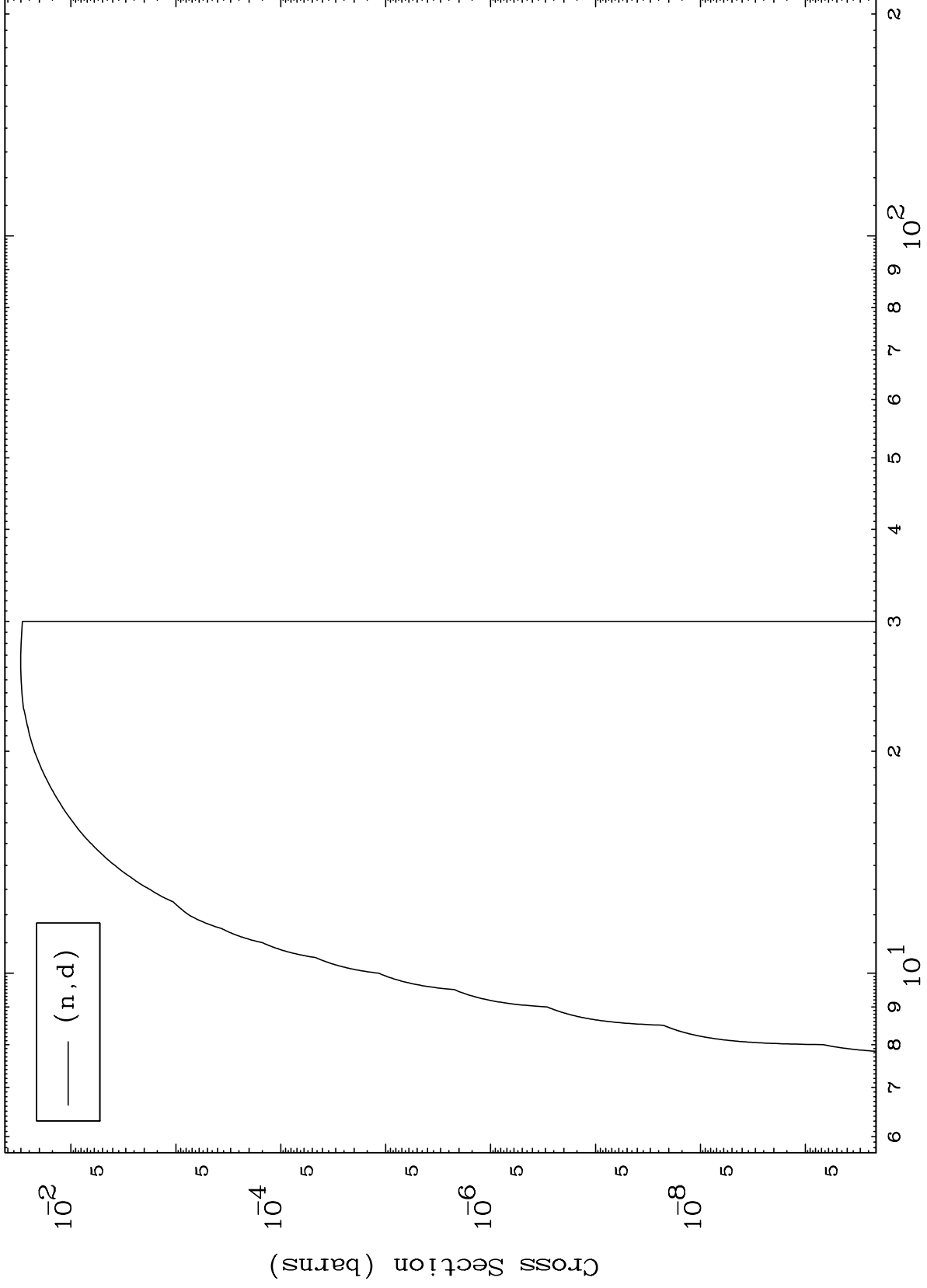
Incident Energy (MeV)

36-Kr-79m

MAT 3629

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-79m



13

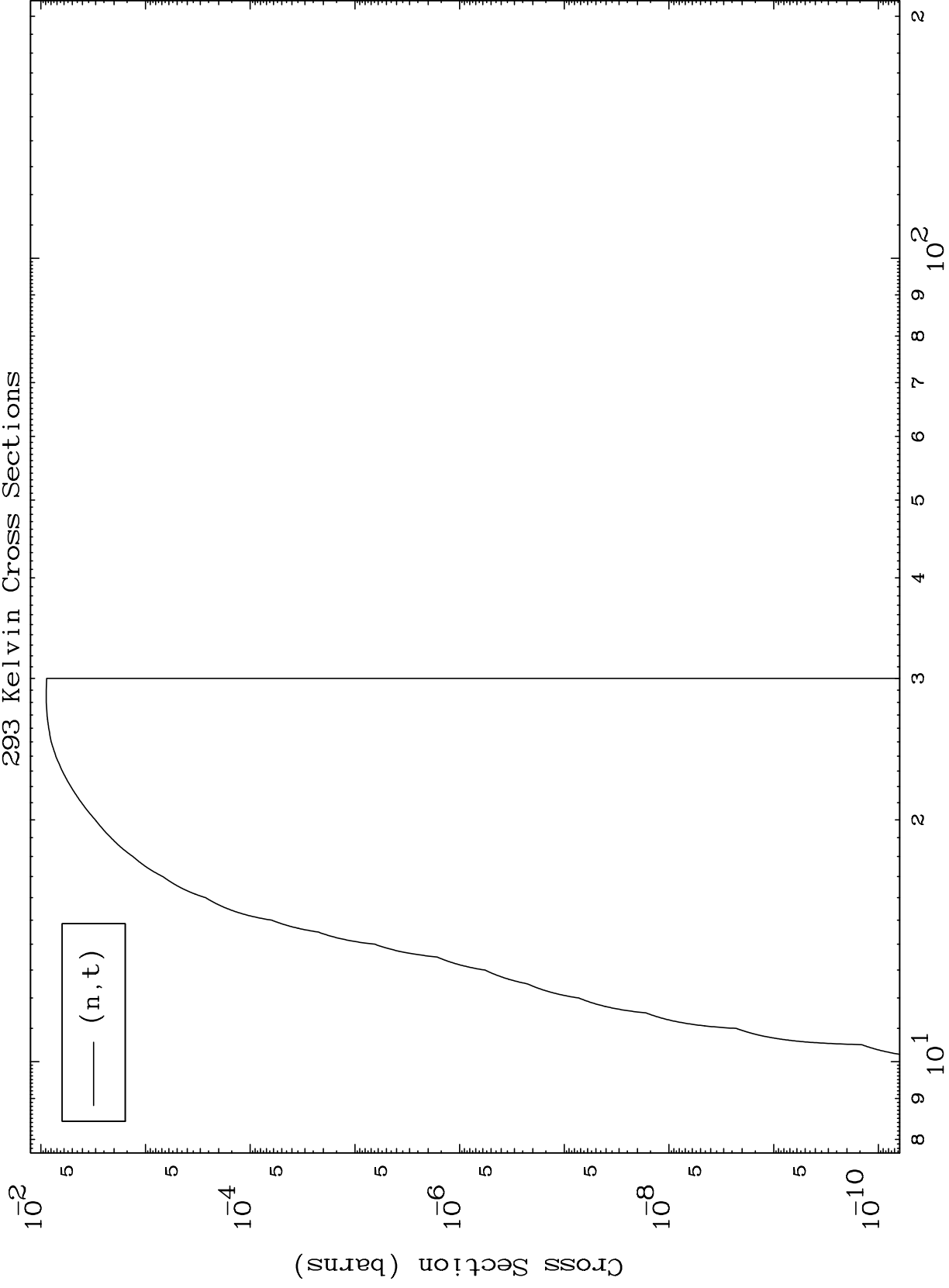
Incident Energy (MeV)

36-Kr-79m

MAT 3629

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-79m



14

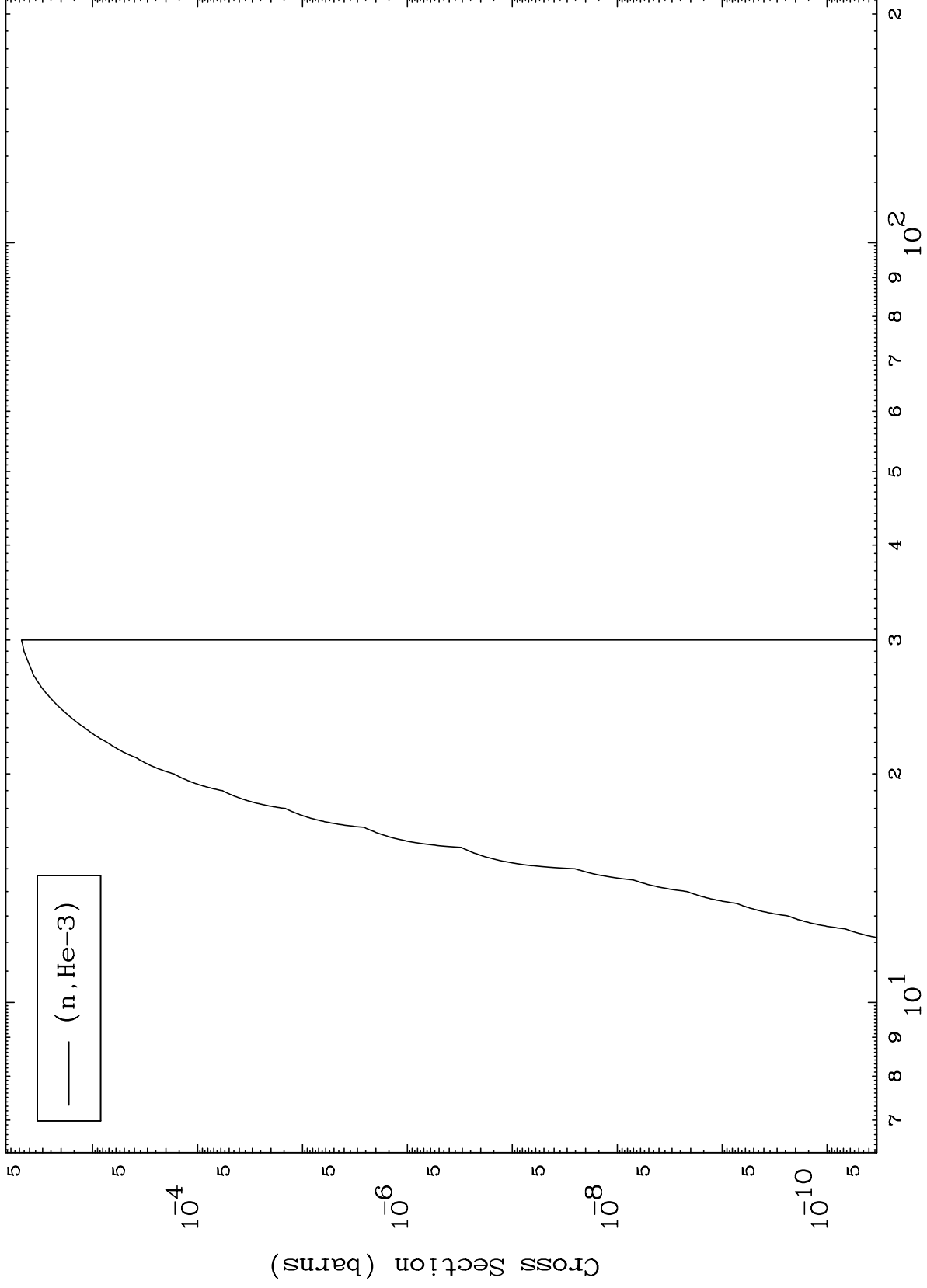
Incident Energy (MeV)

36-Kr-79m

MAT 3629

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-79m



15

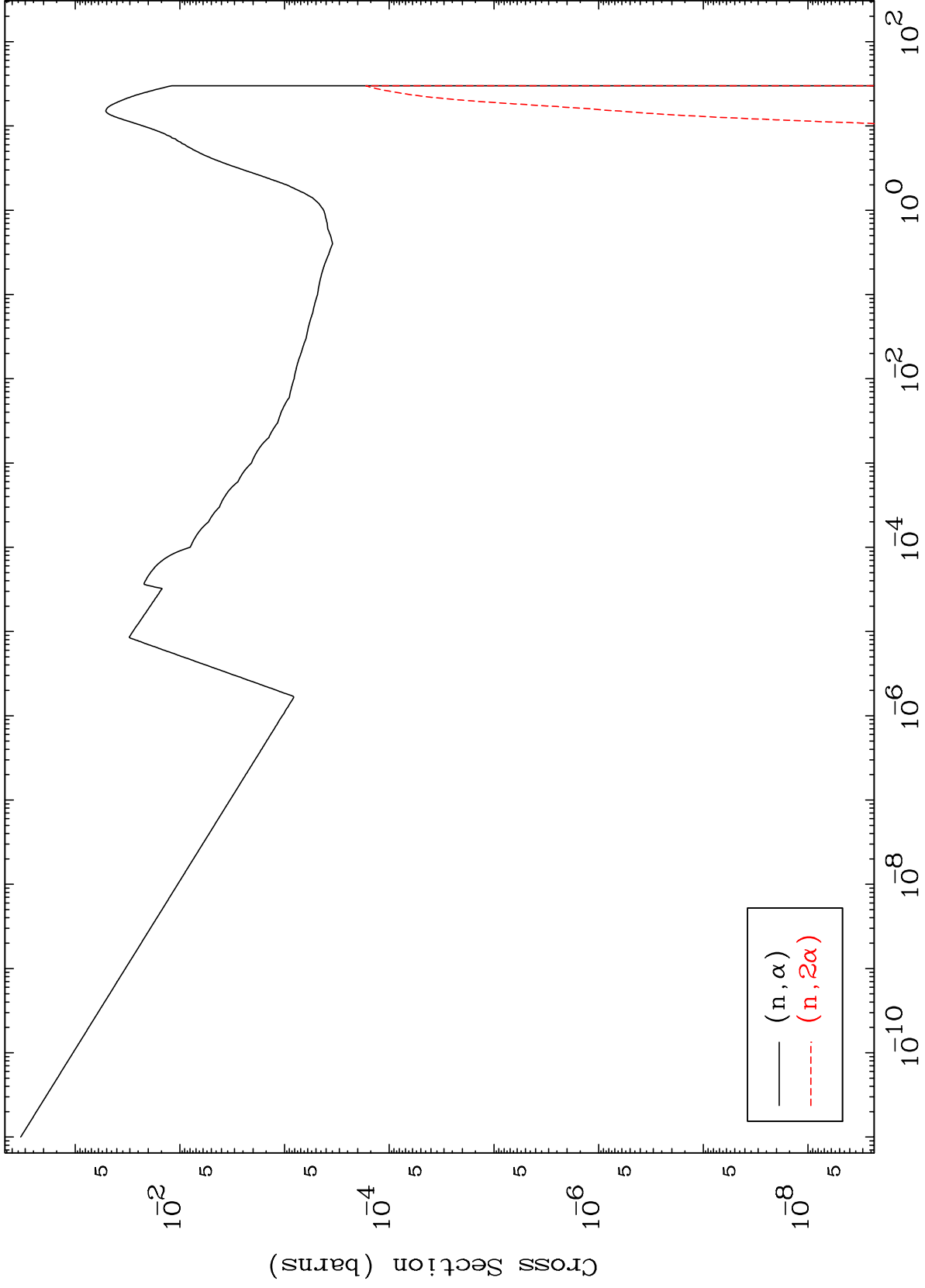
Incident Energy (MeV)

36-Kr-79m

MAT 3629

(n, α) Levels
293 Kelvin Cross Sections

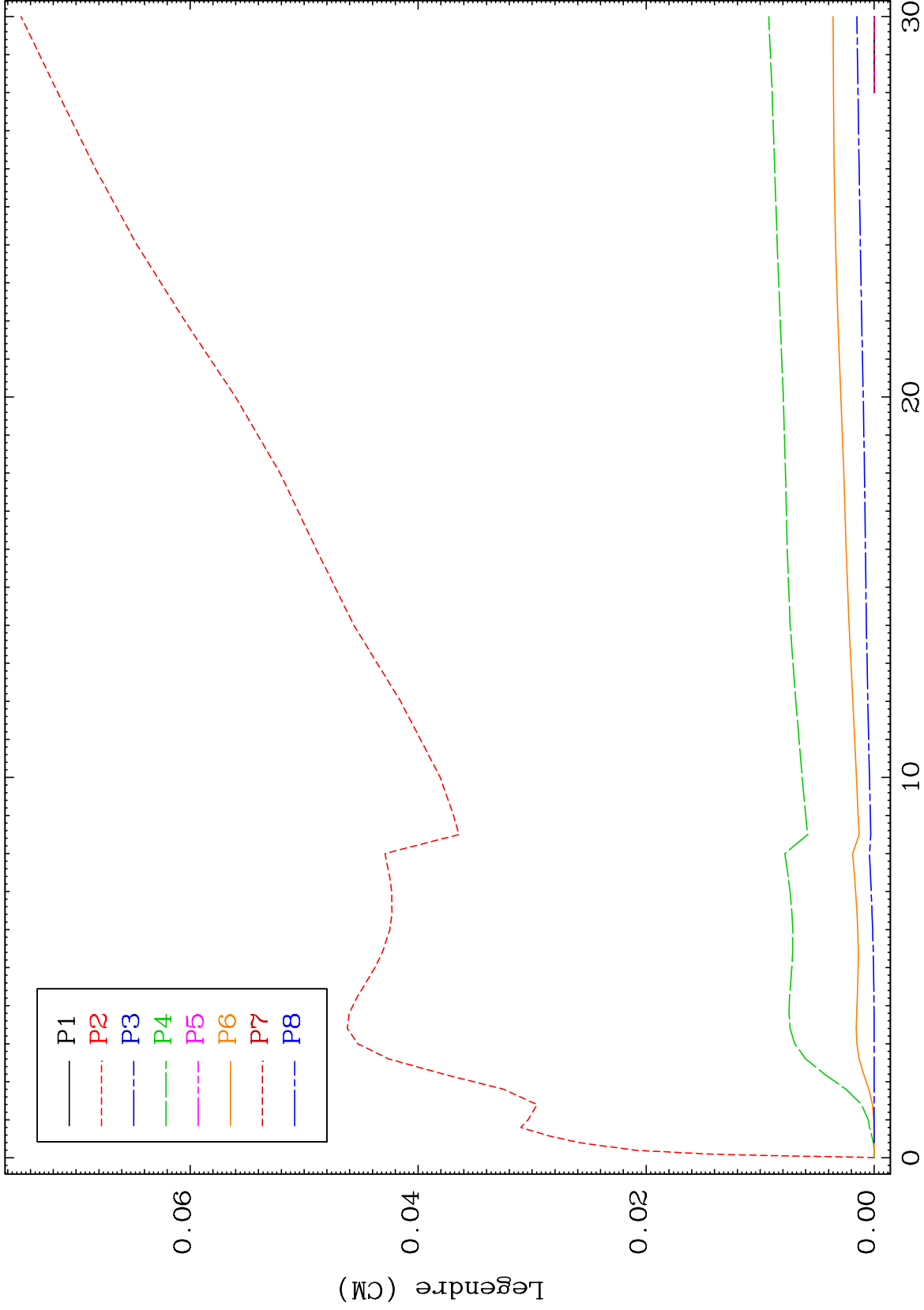
36-Kr-79m



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Elastic Legendre Coefficients

³⁶Kr-⁷⁹m



17

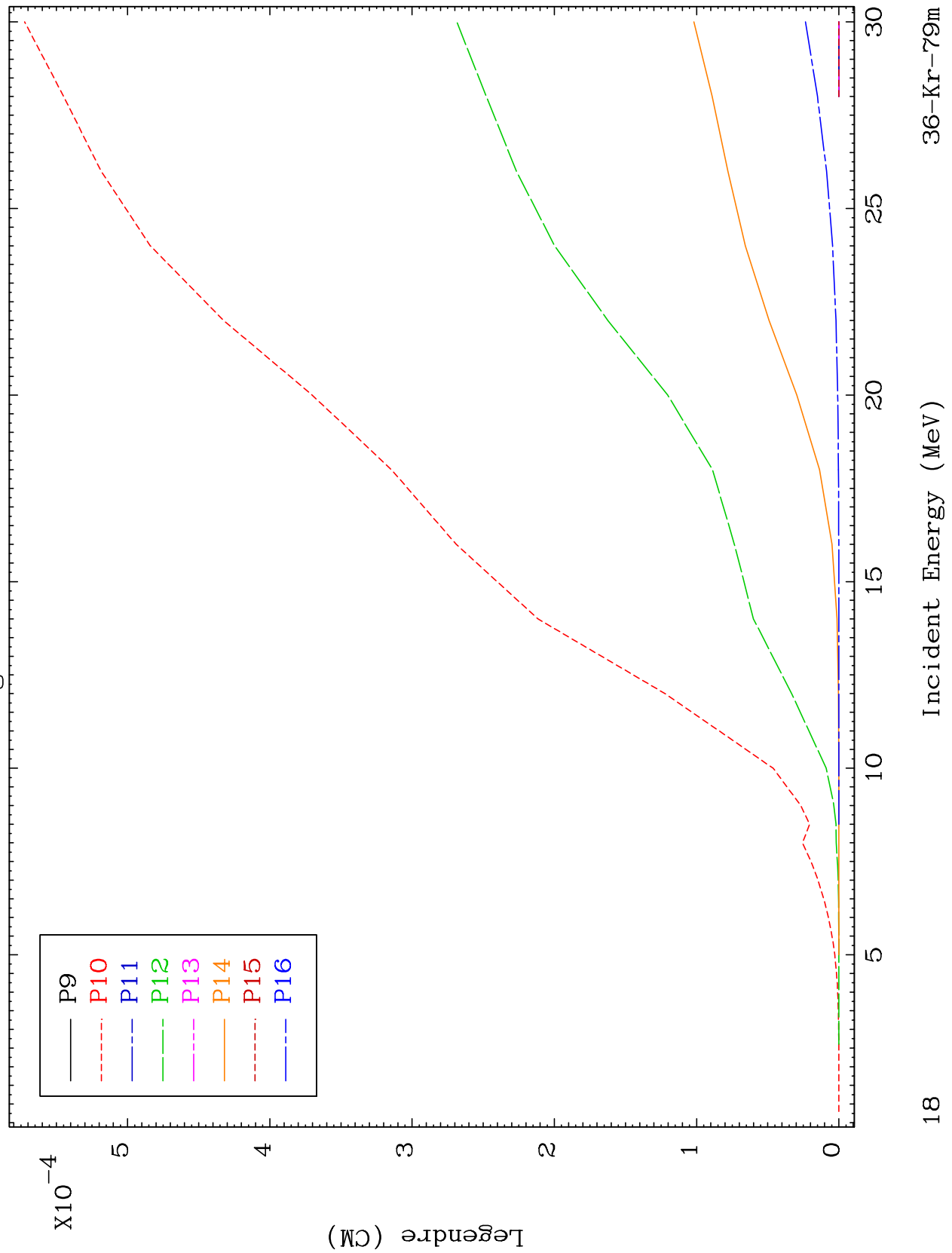
Incident Energy (MeV)

³⁶Kr-⁷⁹m

MAT 3629

Elastic Legendre Coefficients

³⁶Kr-⁷⁹m



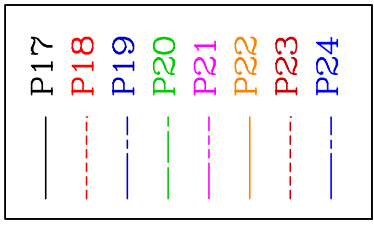
18

³⁶Kr-⁷⁹m

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Elastic Legendre Coefficients

36-Kr-79m



$\times 10^{-6}$

Legendre (CM)

1.0

0.5

0.0

15

20

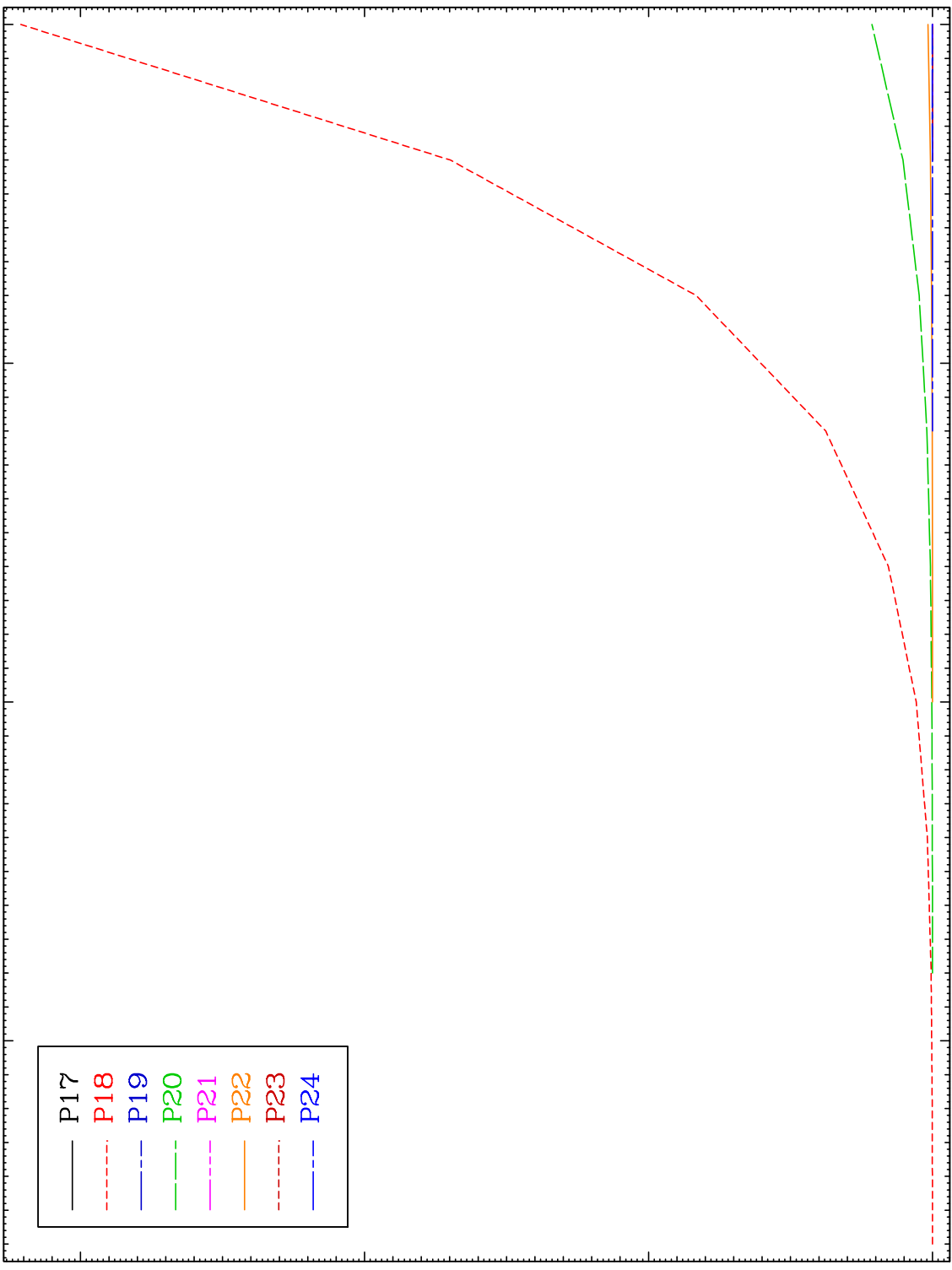
25

30

19

Incident Energy (MeV)

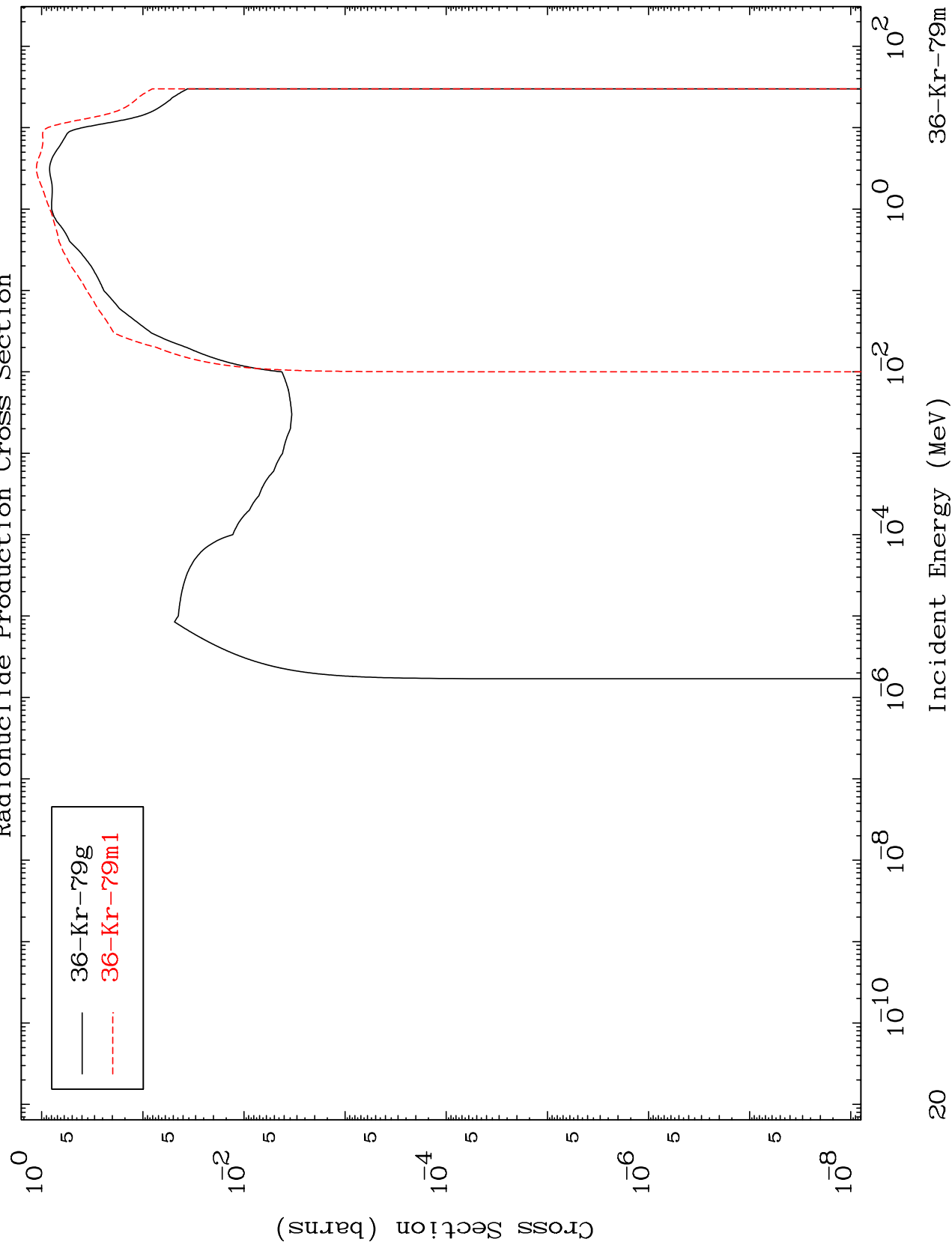
36-Kr-79m



MAT 3629

³⁶Kr-79m

Inelastic
Radionuclide Production Cross Section

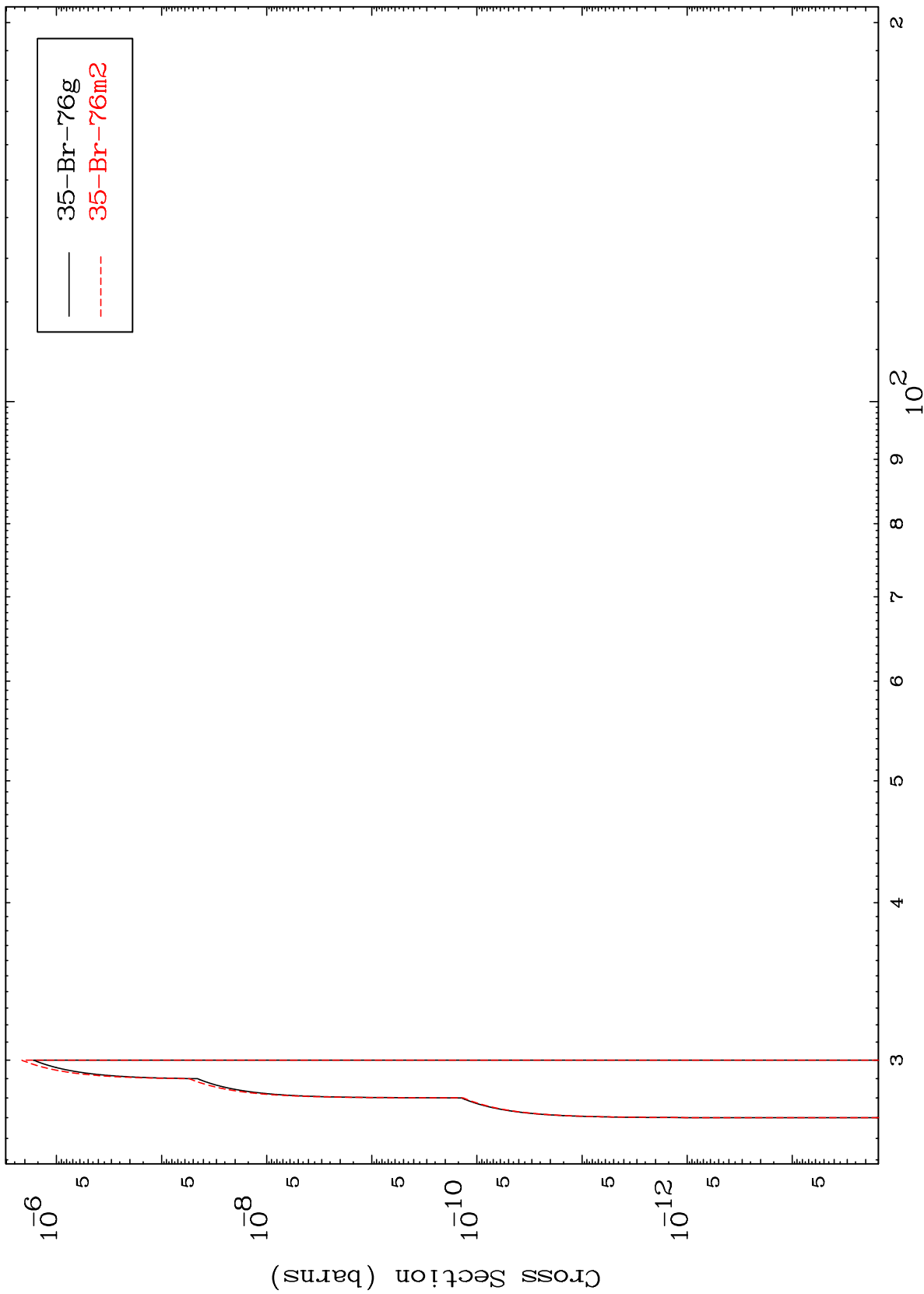


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(n,2n) d

36-Kr-79m

Radionuclide Production Cross Section

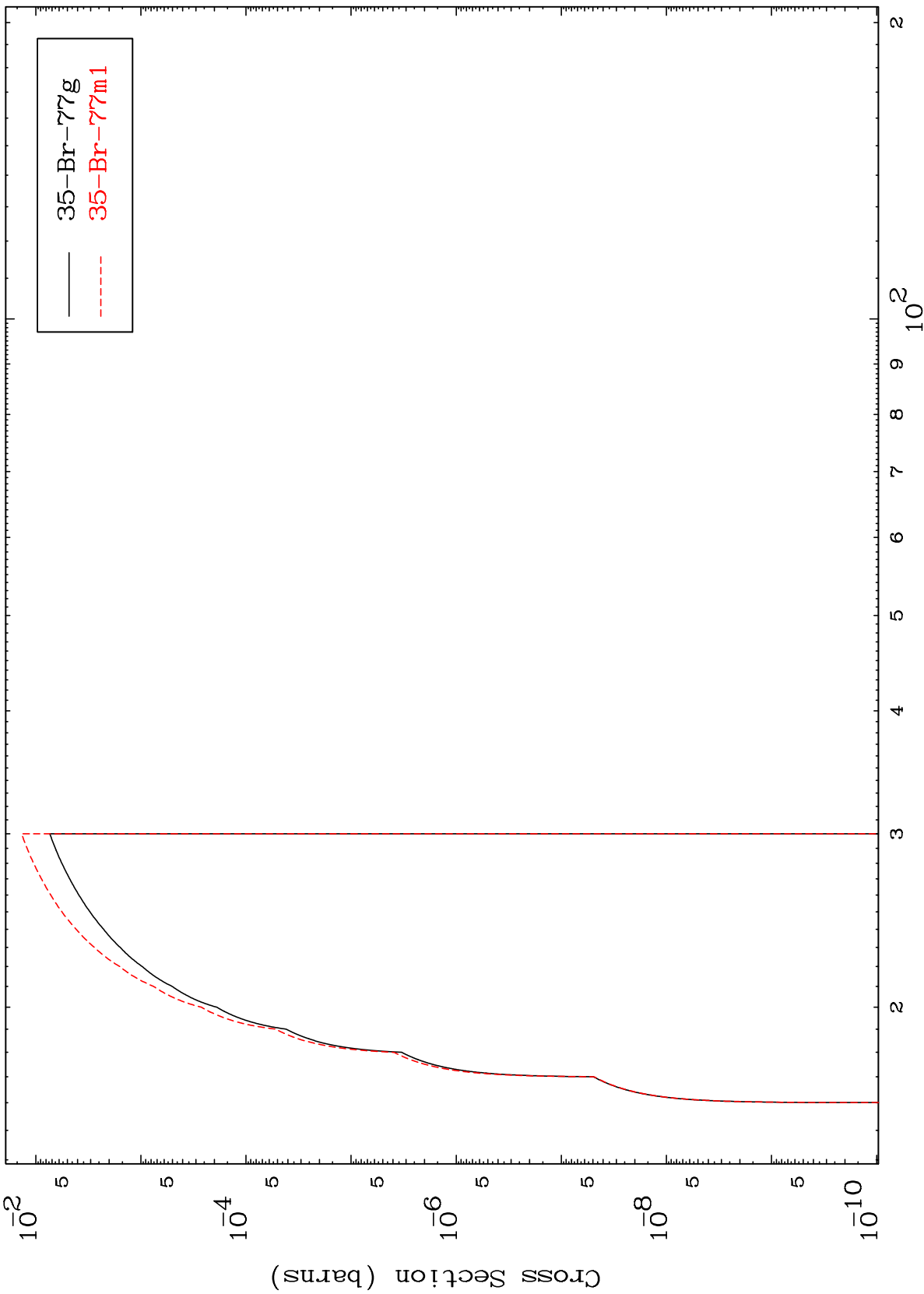


21

Incident Energy (MeV)

36-Kr-79m

Radionuclide Production Cross Section

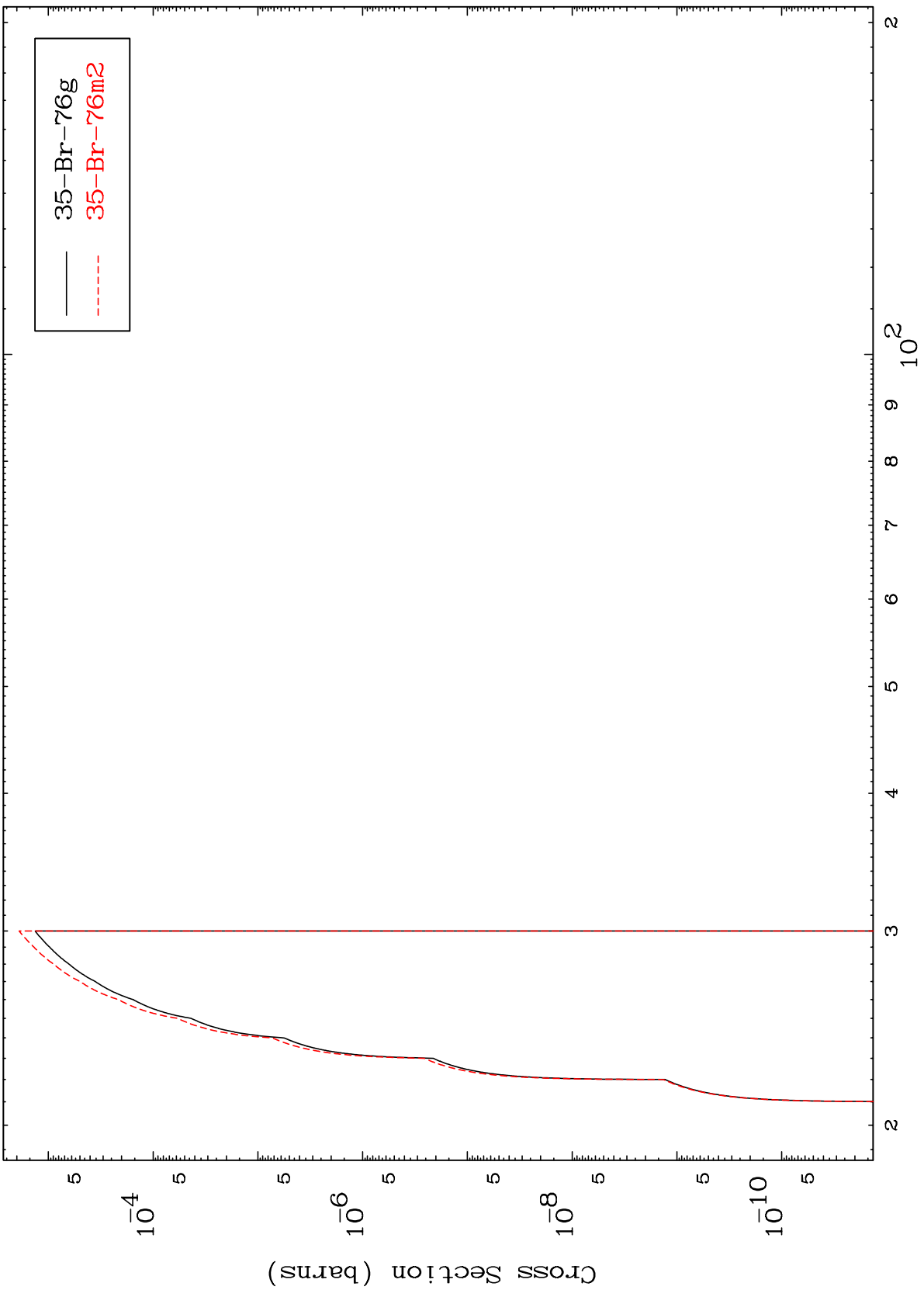


MAT 3629

(n,n') t

36-Kr-79m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

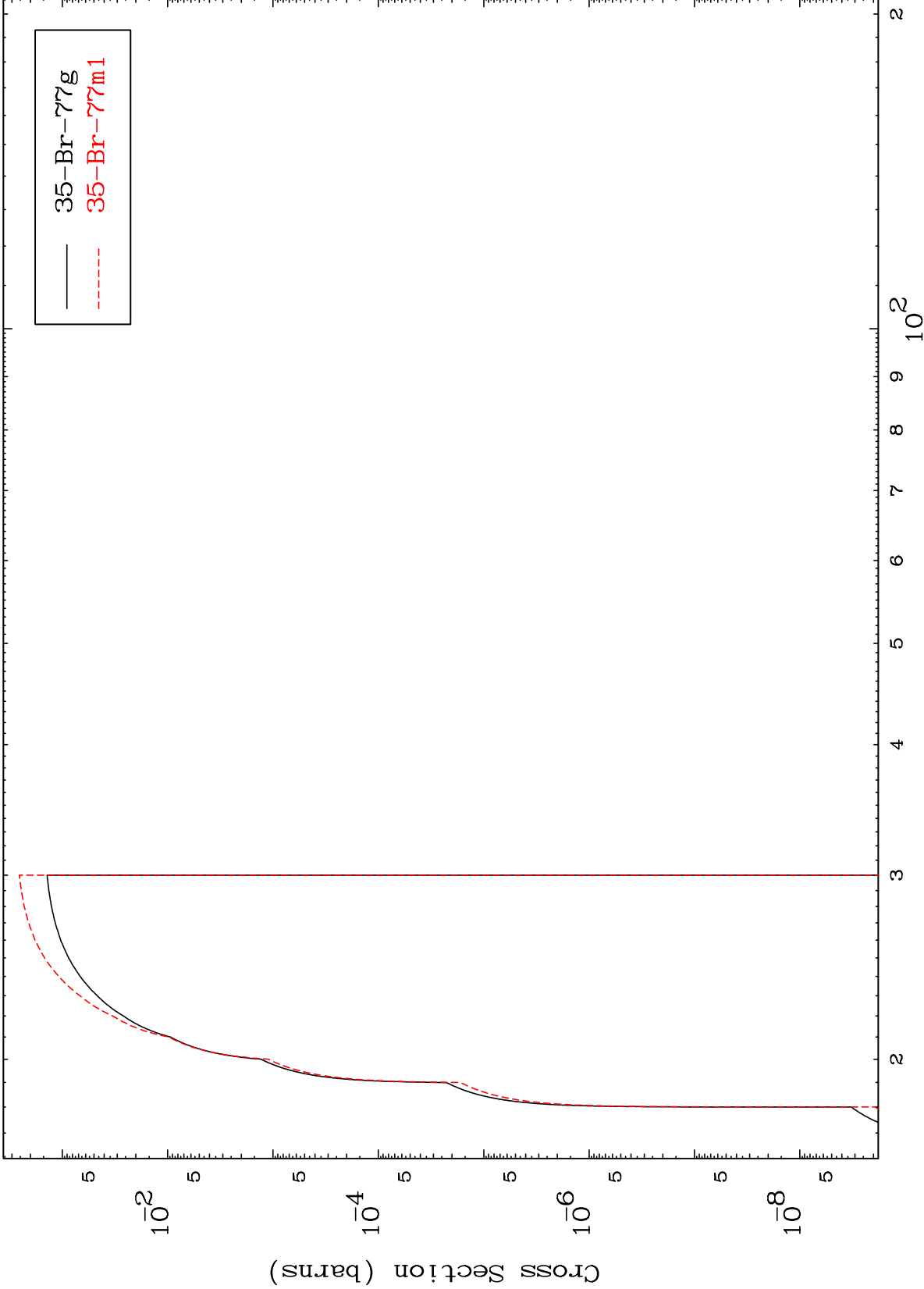
36-Kr-79m

MAT 3629

(n,2n) p

36-Kr-79m

Radionuclide Production Cross Section



24

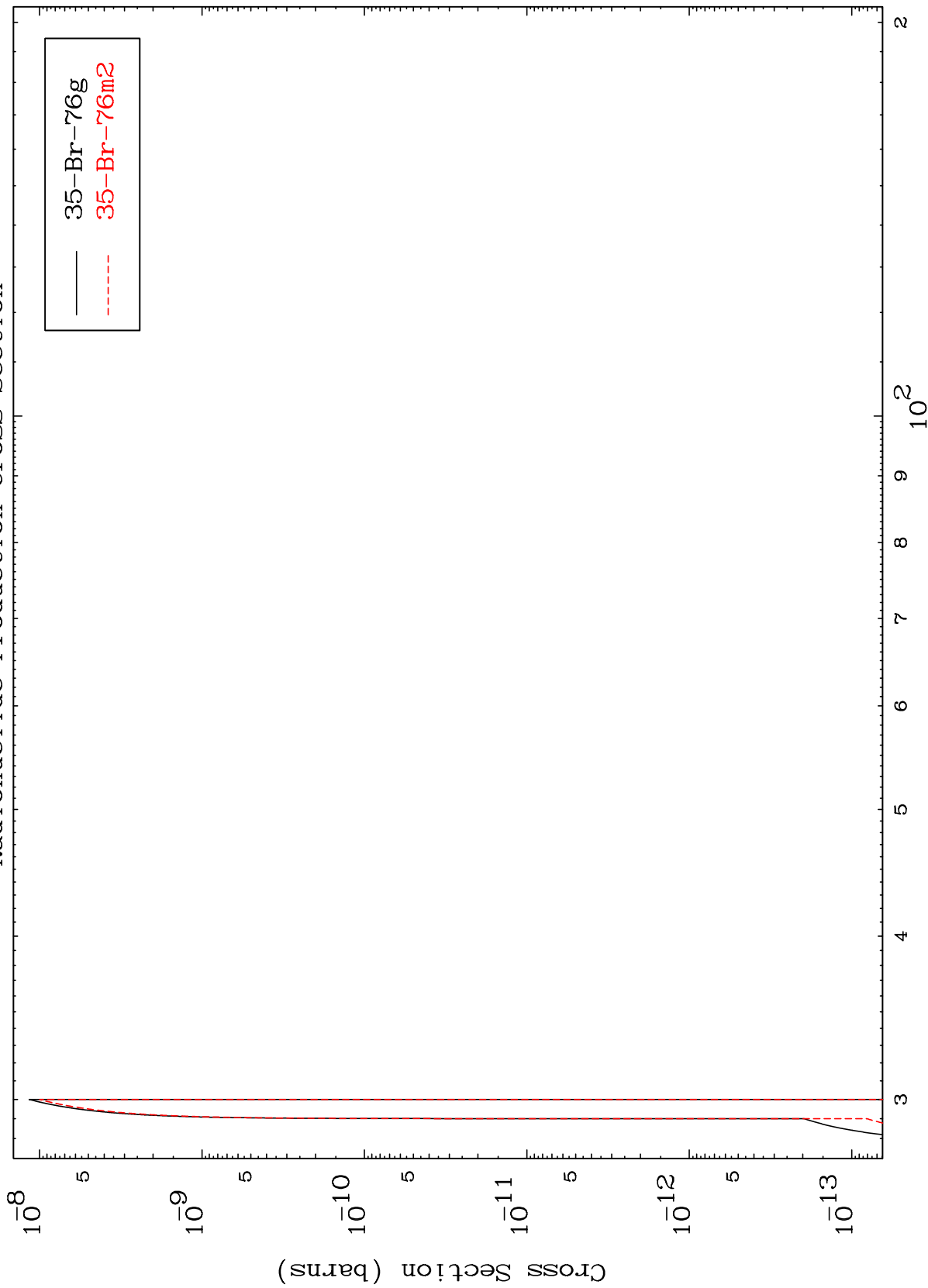
Incident Energy (MeV)

36-Kr-79m

MAT 3629

36-Kr-79m

(n,3n) p
Radionuclide Production Cross Section



35-Br-76g
35-Br-76m2

25

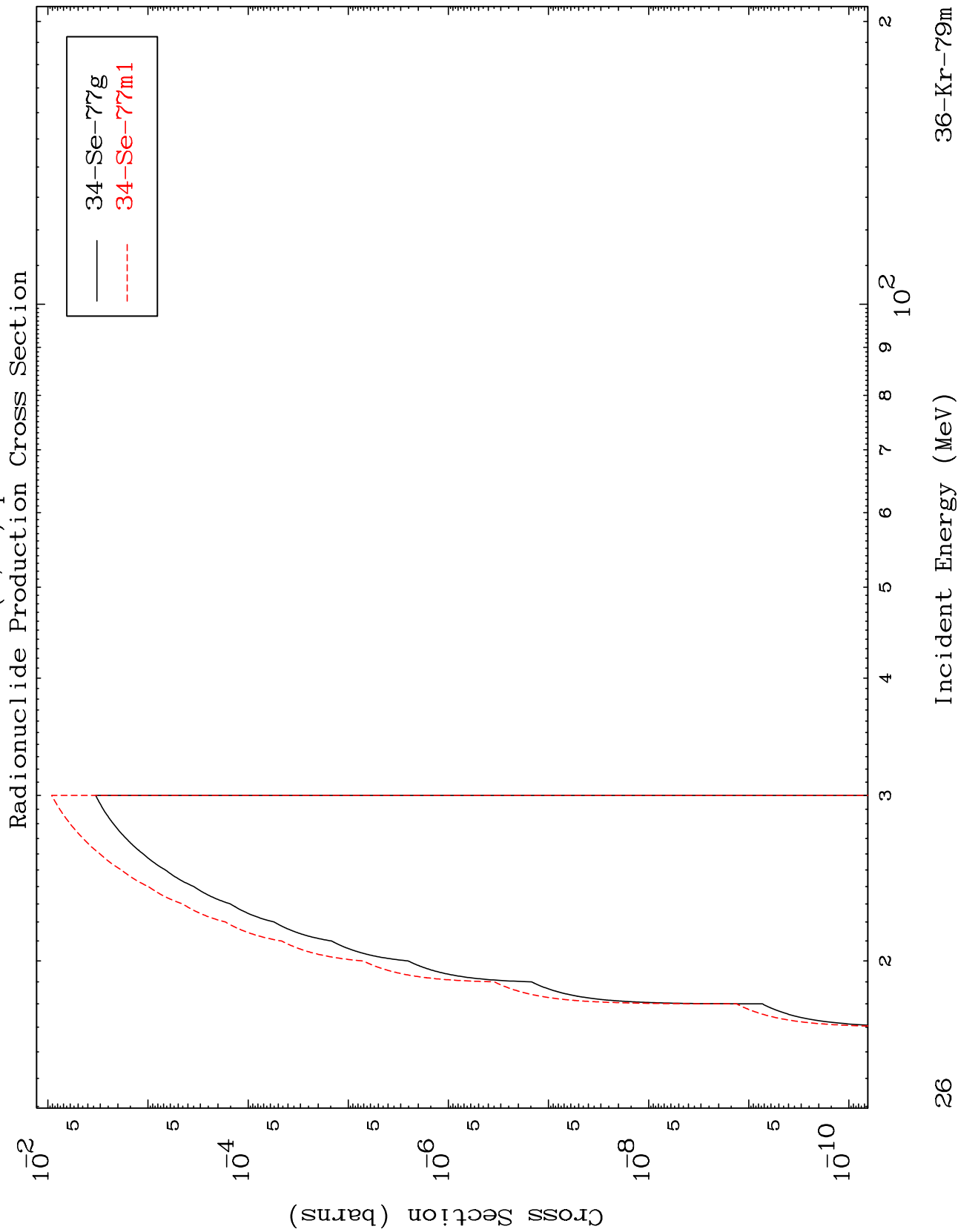
36-Kr-79m

Incident Energy (MeV)

MAT 3629

(n,2n) p

36-Kr-79m



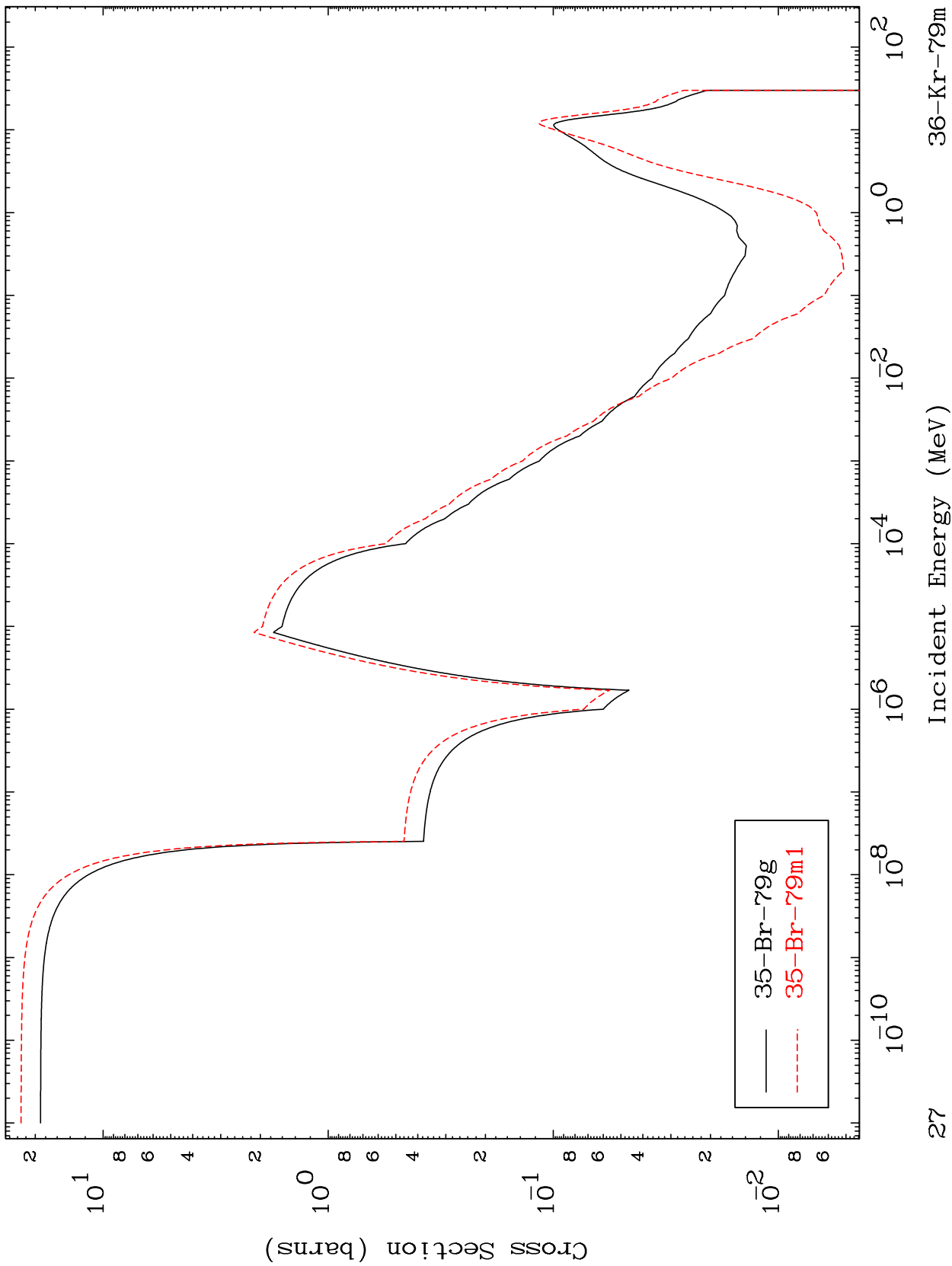
26

36-Kr-79m

MAT 3629

36-Kr-79m

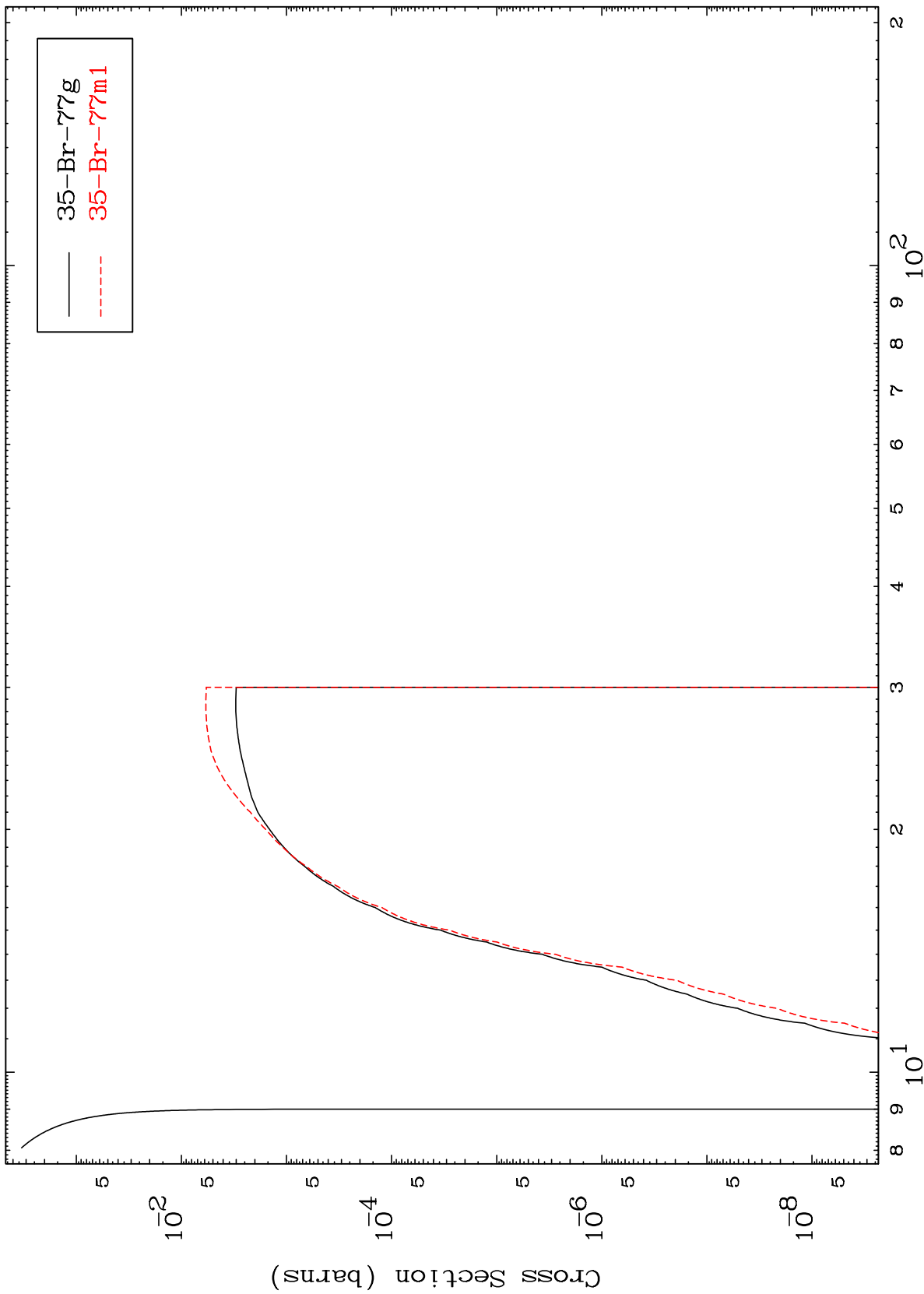
(n,p)
Radionuclide Production Cross Section



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36-Kr-79m

(n,t)
Radionuclide Production Cross Section



36-Kr-79m

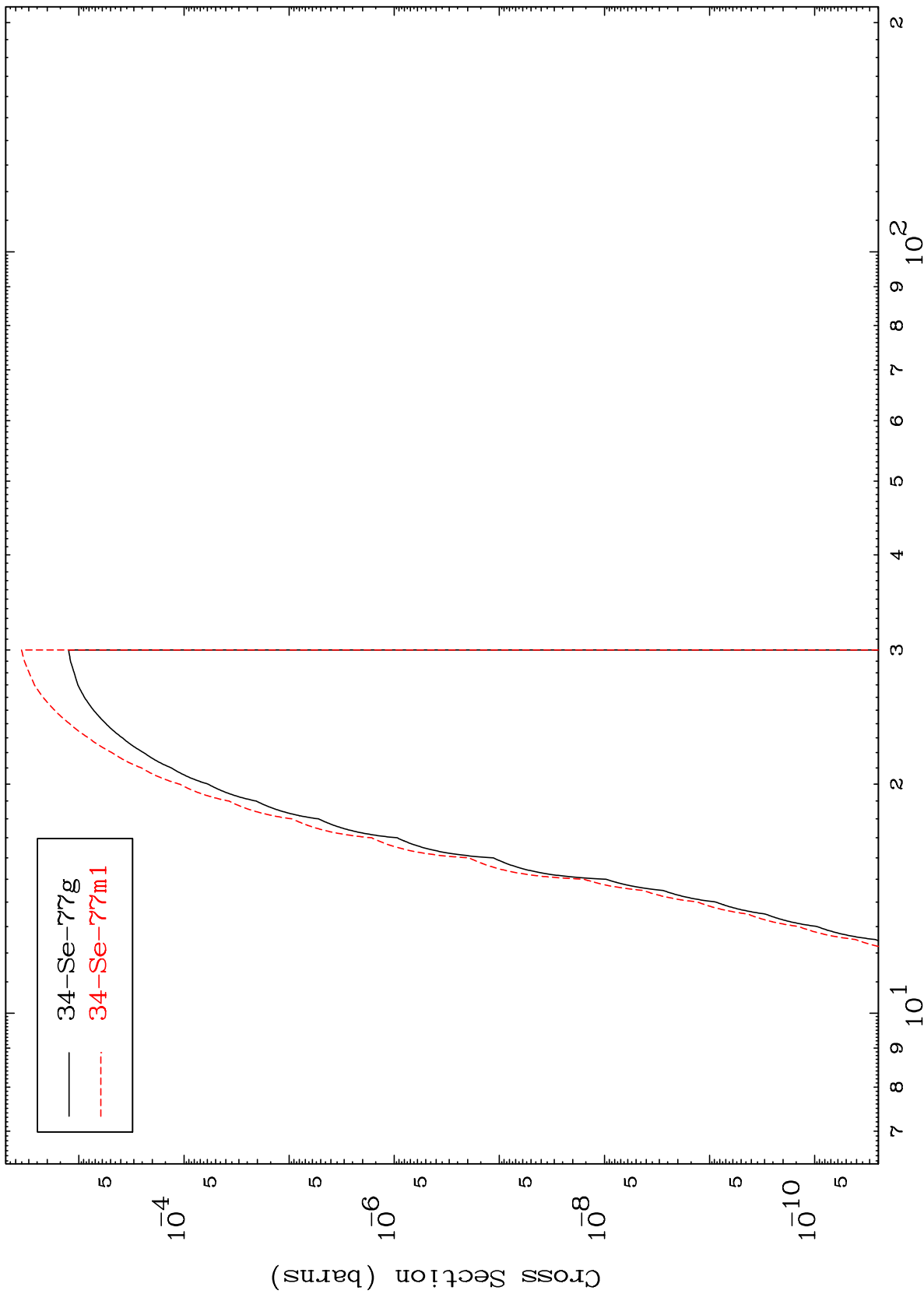
Incident Energy (MeV)

28

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36-Kr-79m

(n,He-3)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

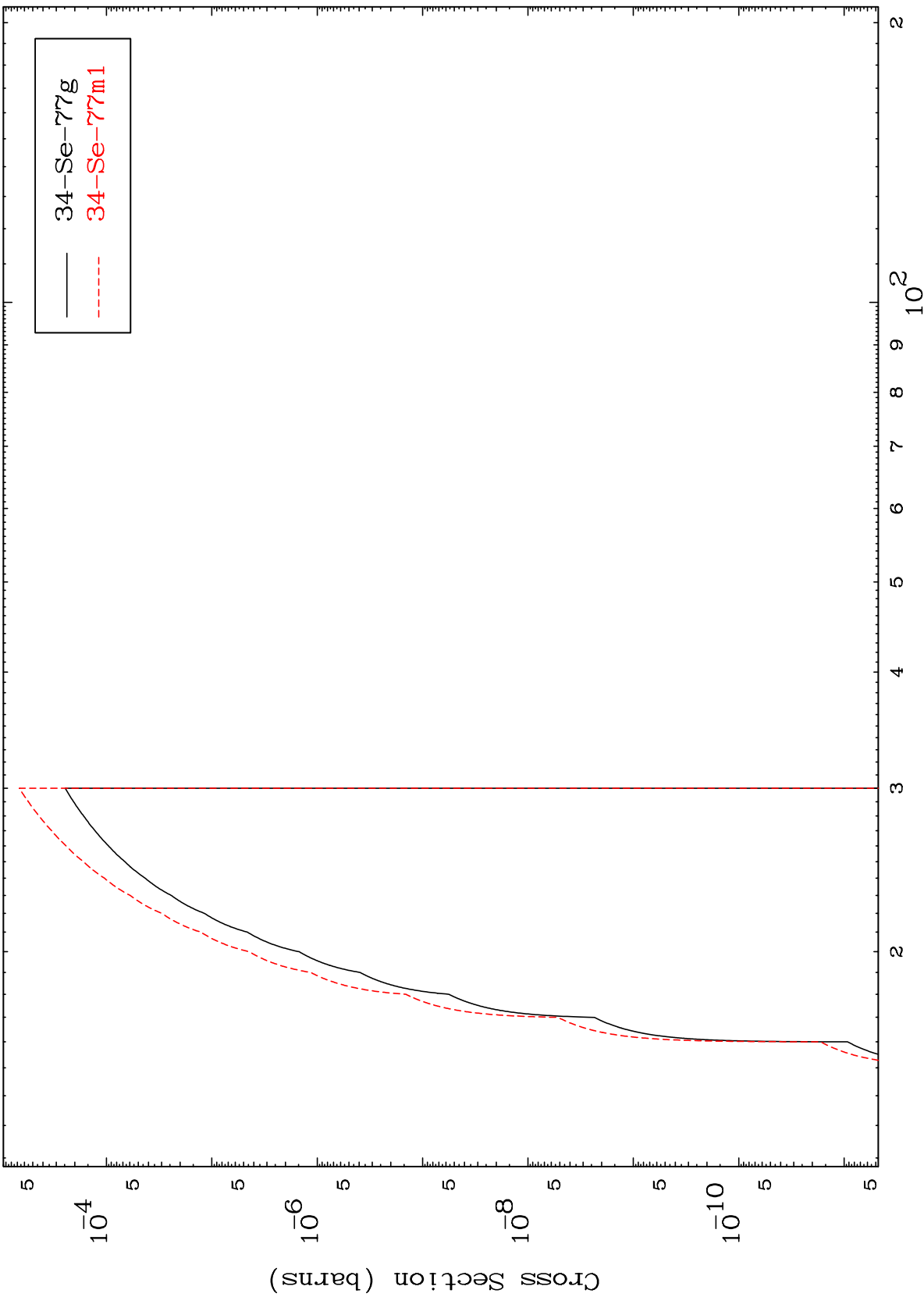
36-Kr-79m

MAT 3629

(n,p) d

36-Kr-79m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

36-Kr-79m