

Program EVALPLOT
(Version 2021-1)

by

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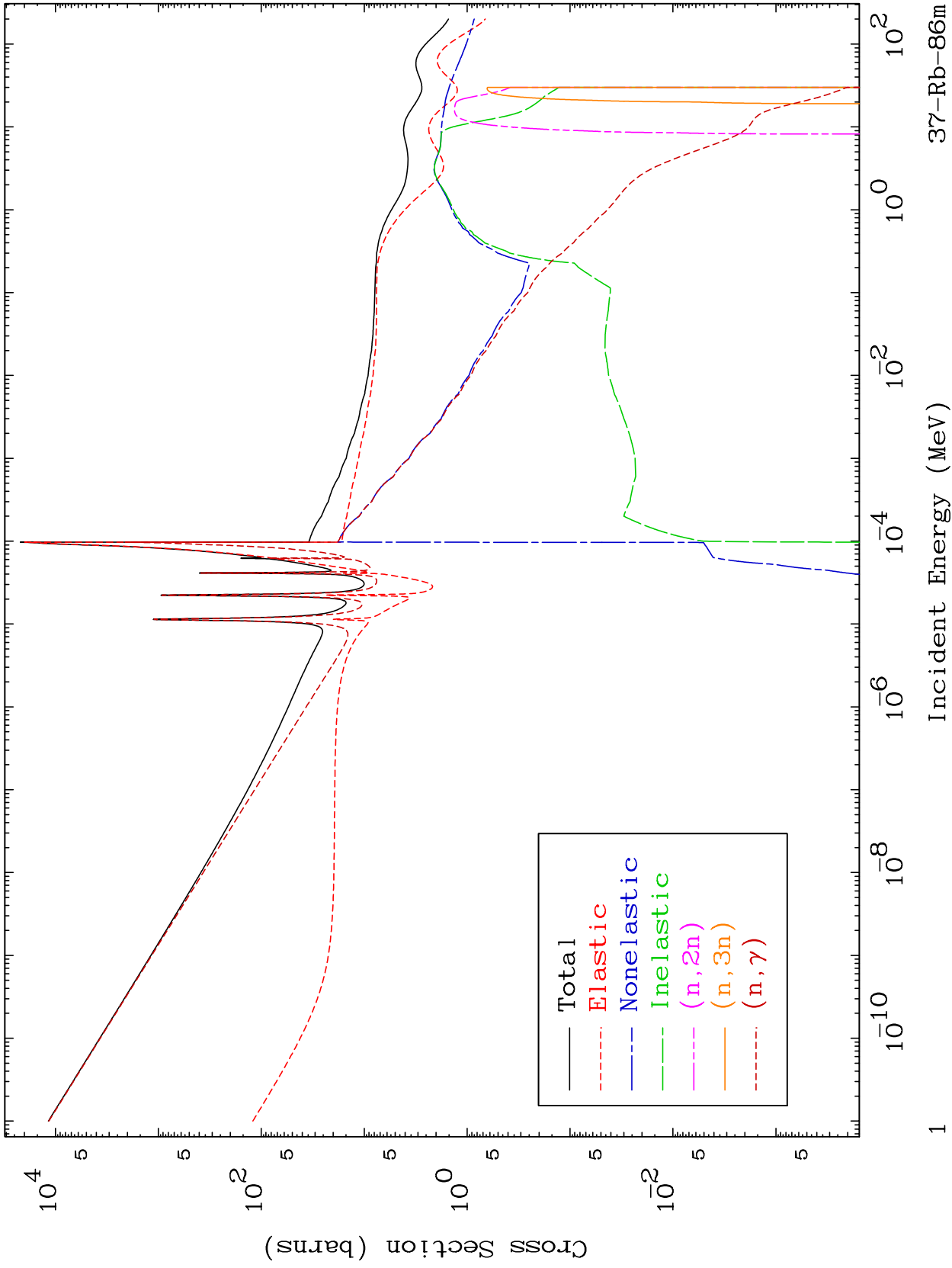
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3729

Neutron Major
293 Kelvin Cross Sections

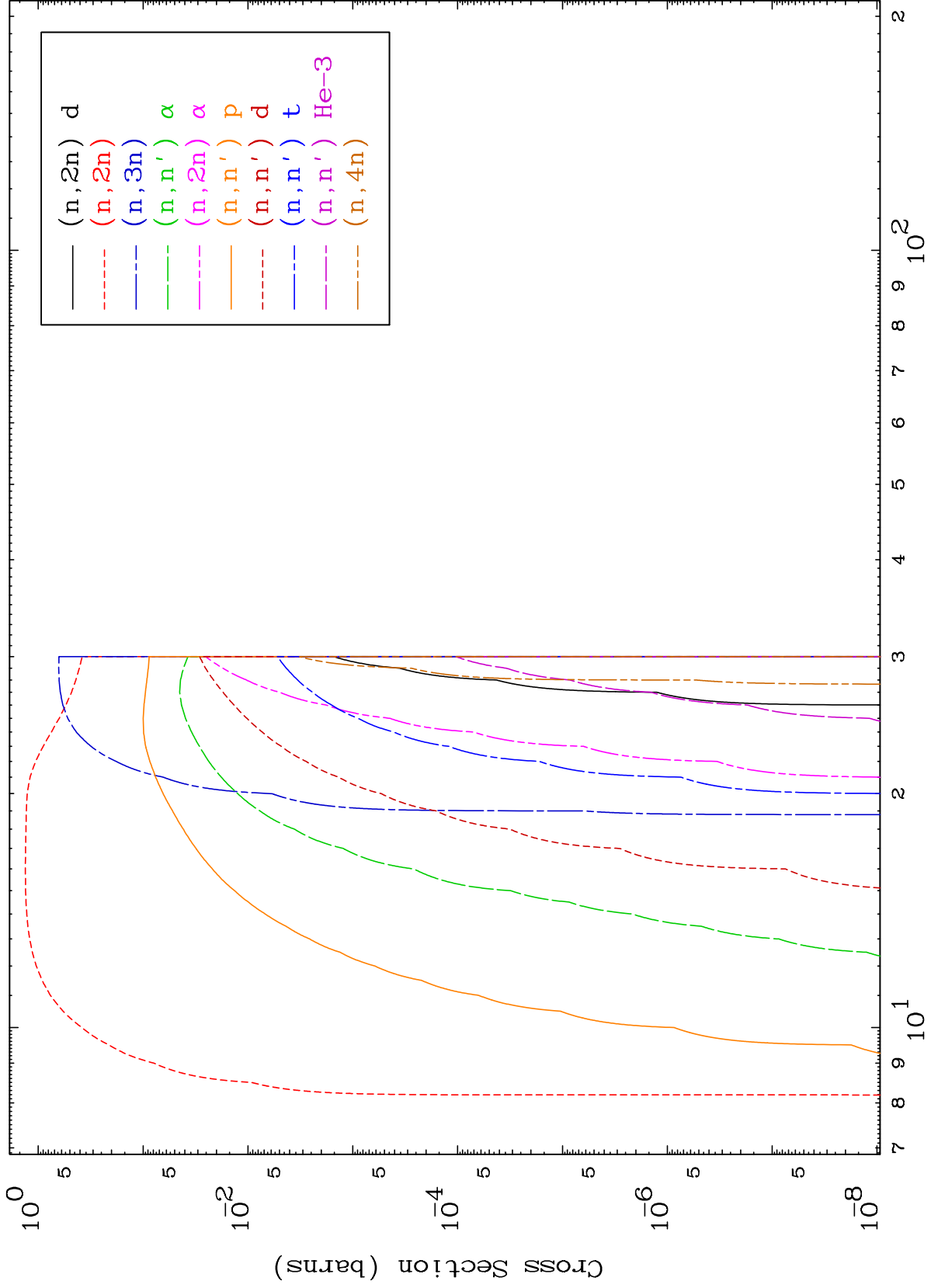
37-Rb-86m



MAT 3729

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-86m



2

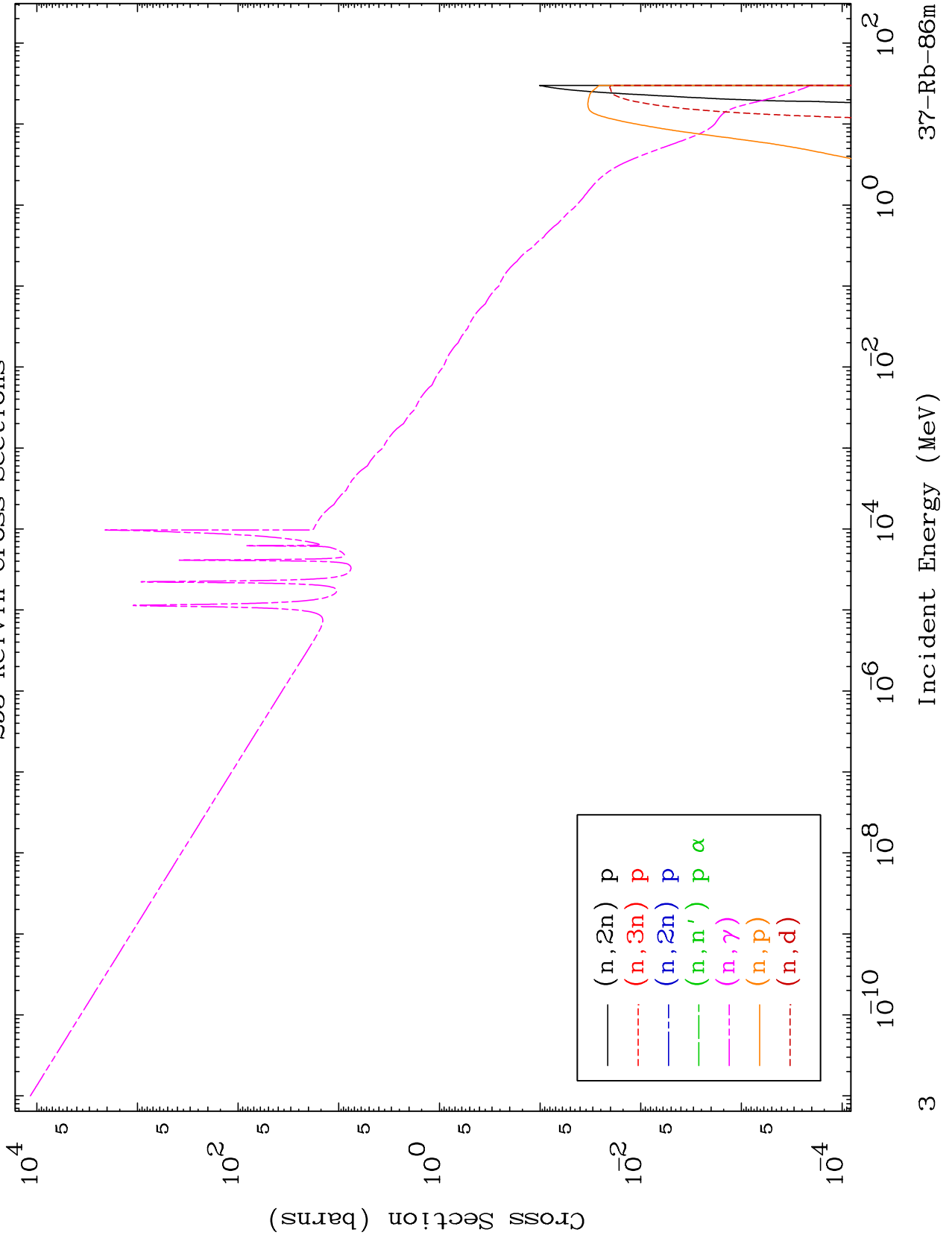
Incident Energy (MeV)

37-Rb-86m

MAT 3729

Neutron Absorption
293 Kelvin Cross Sections

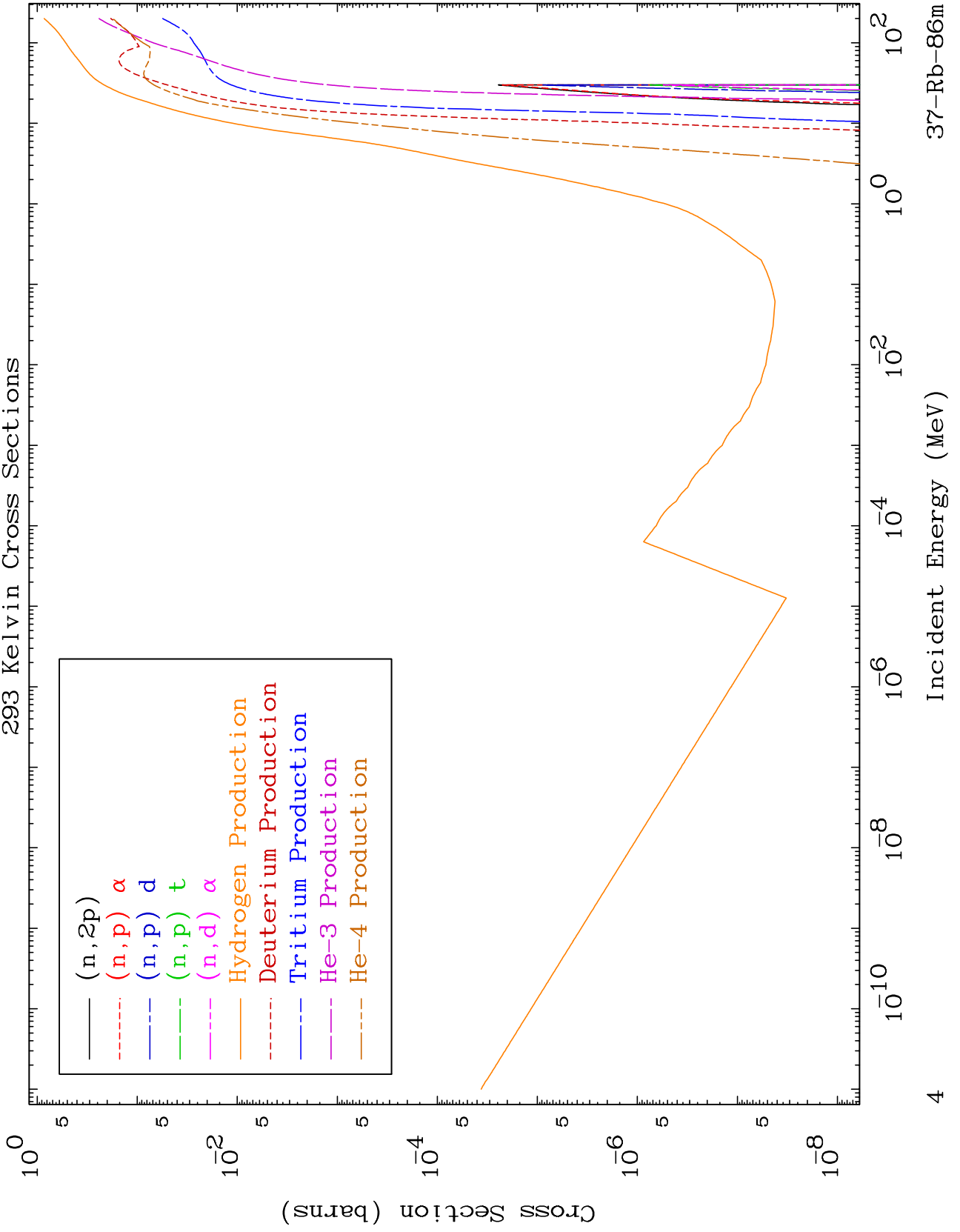
37-Rb-86m



MAT 3729

Neutron Absorption
293 Kelvin Cross Sections

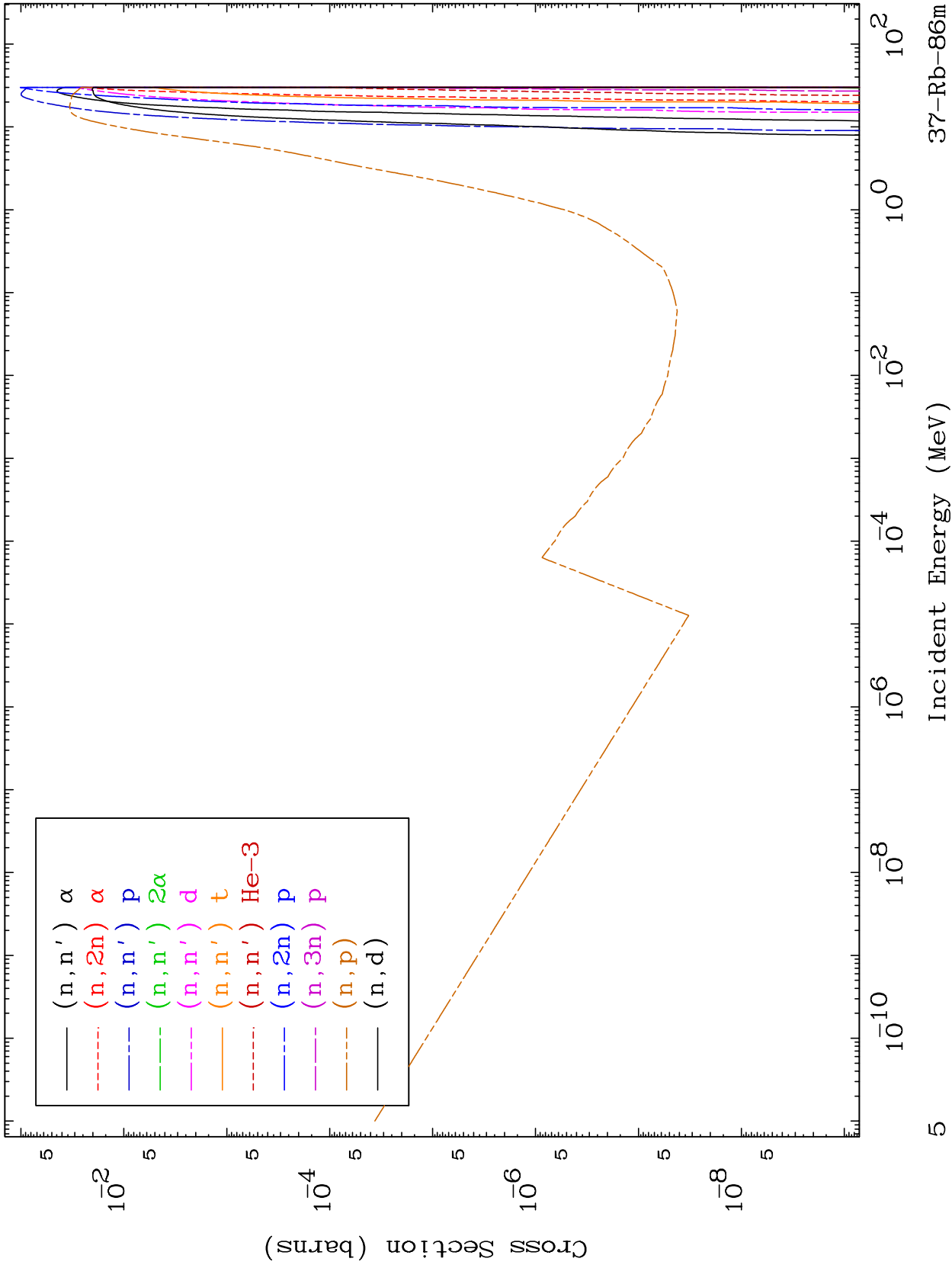
37-Rb-86m



MAT 3729

Charged Particle
293 Kelvin Cross Sections

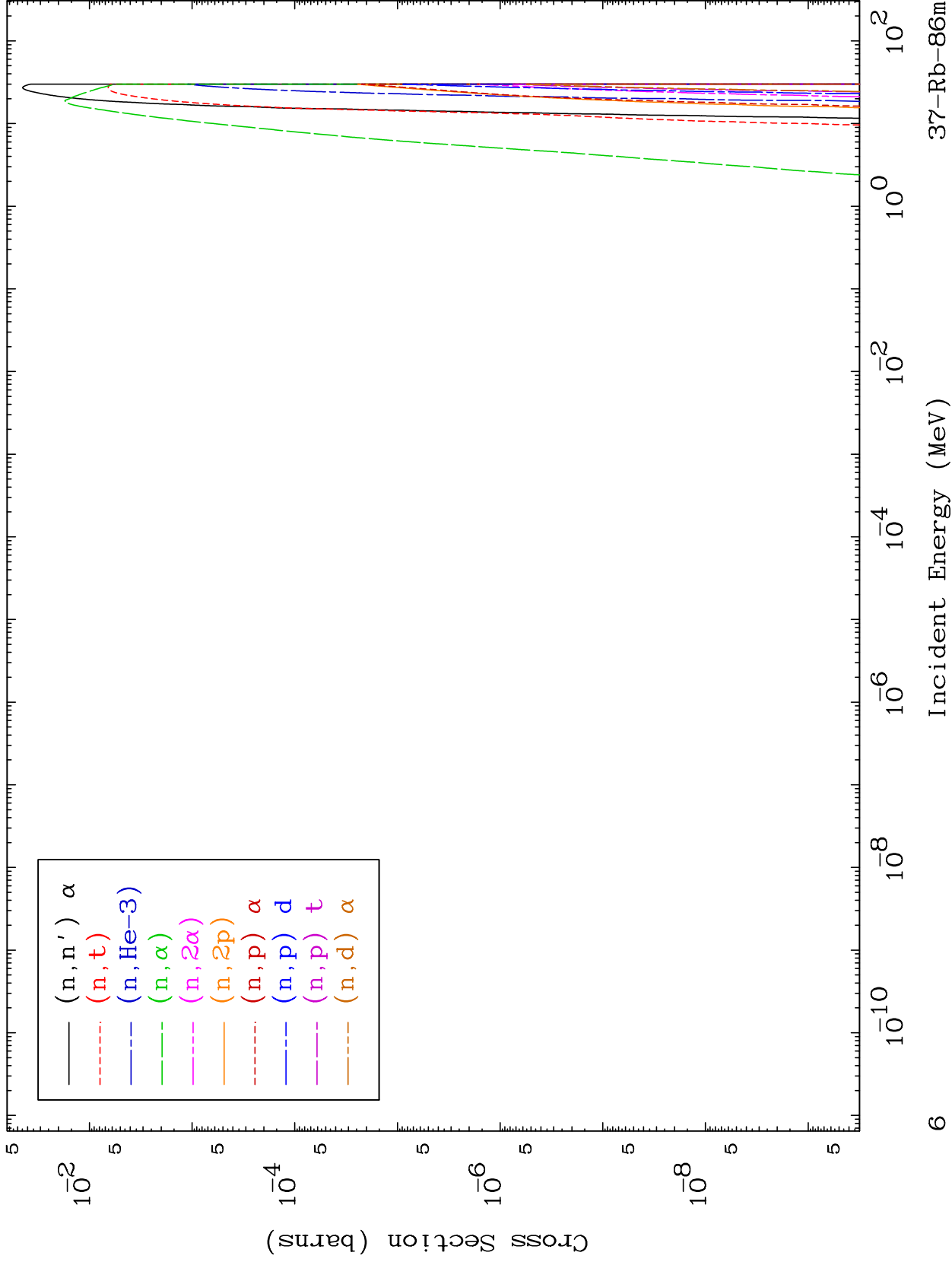
37-Rb-86m



MAT 3729

Charged Particle
293 Kelvin Cross Sections

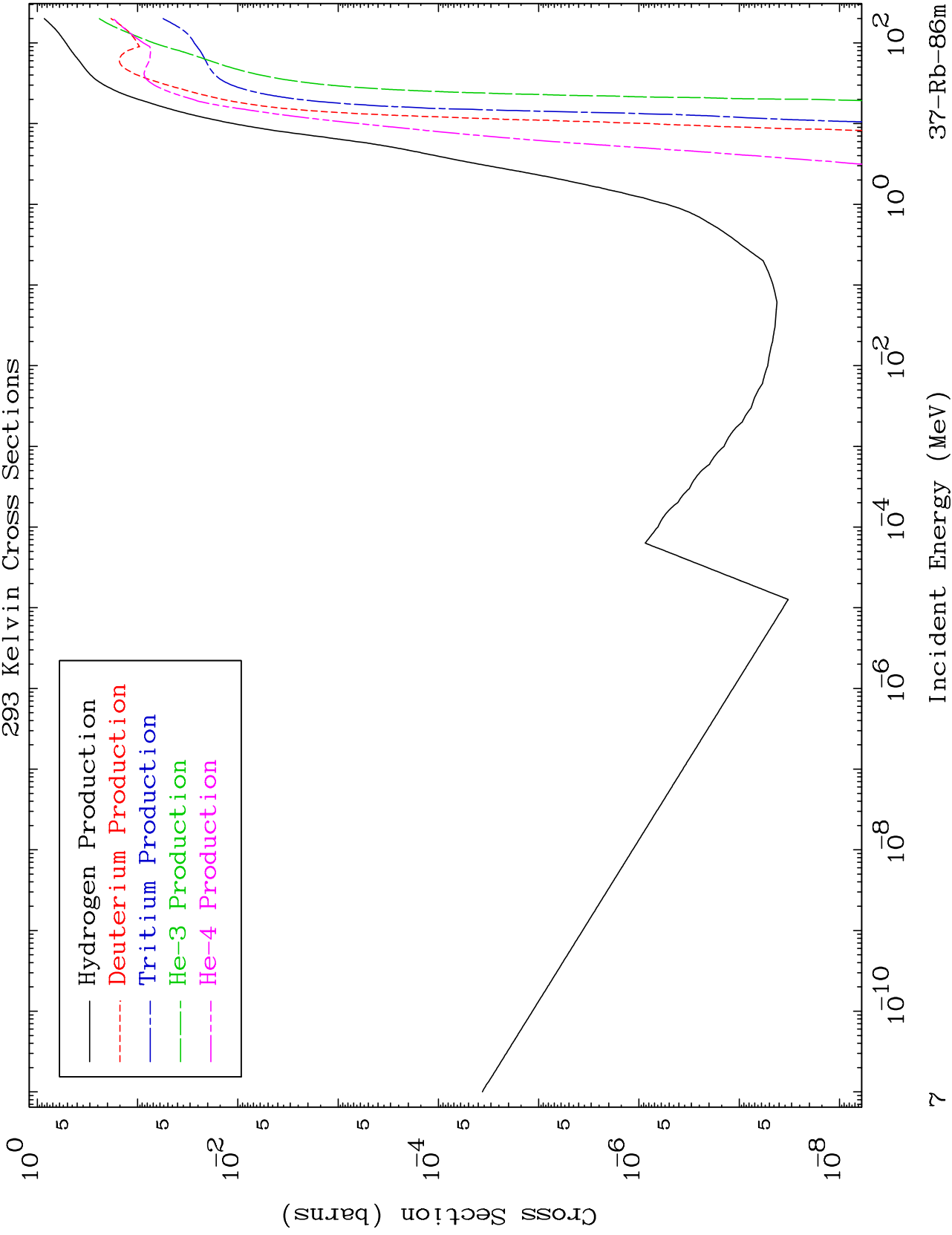
37-Rb-86m



MAT 3729

Particle Production
293 Kelvin Cross Sections

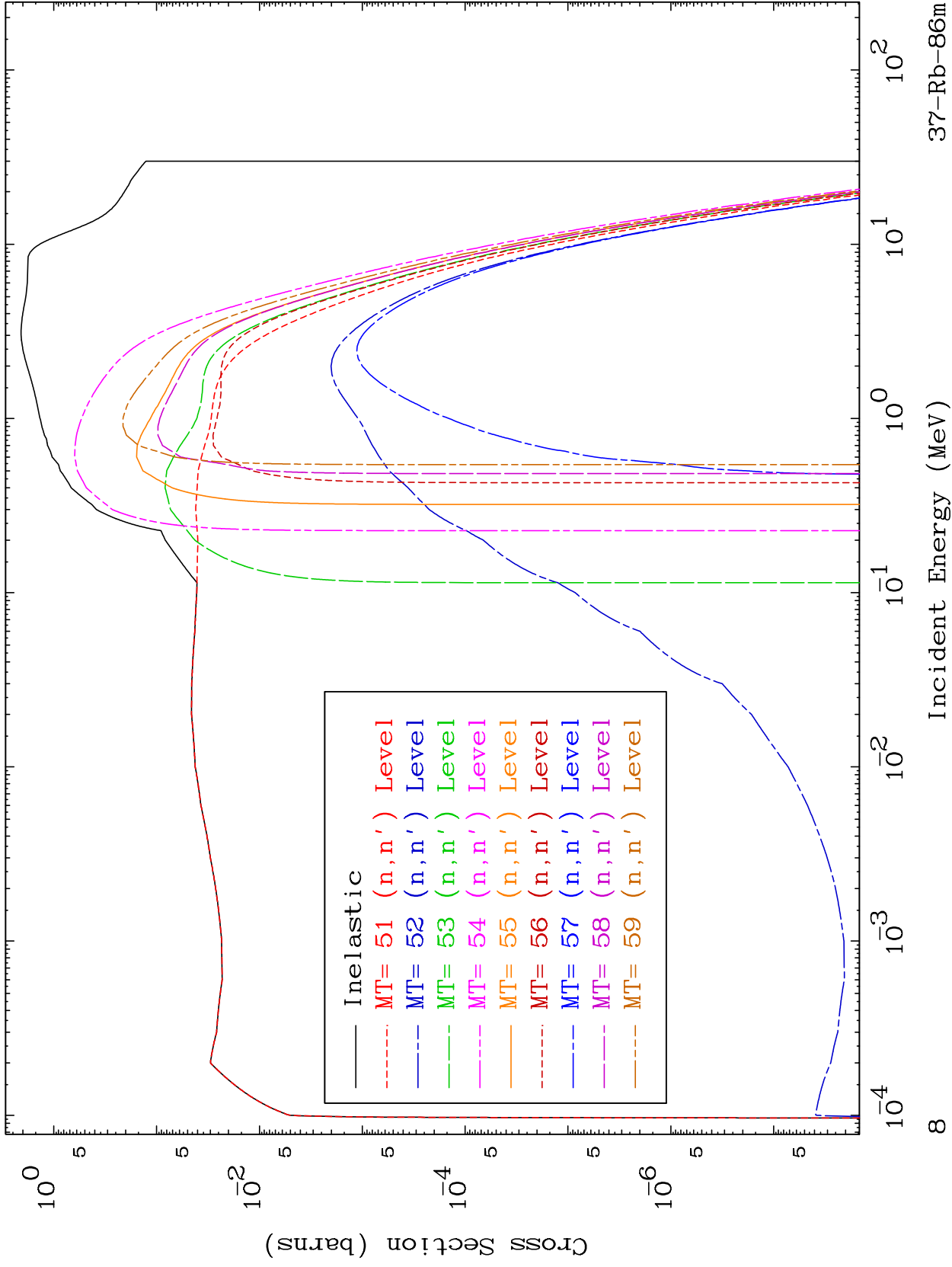
37-Rb-86m



MAT 3729

(n,n') Levels
293 Kelvin Cross Sections

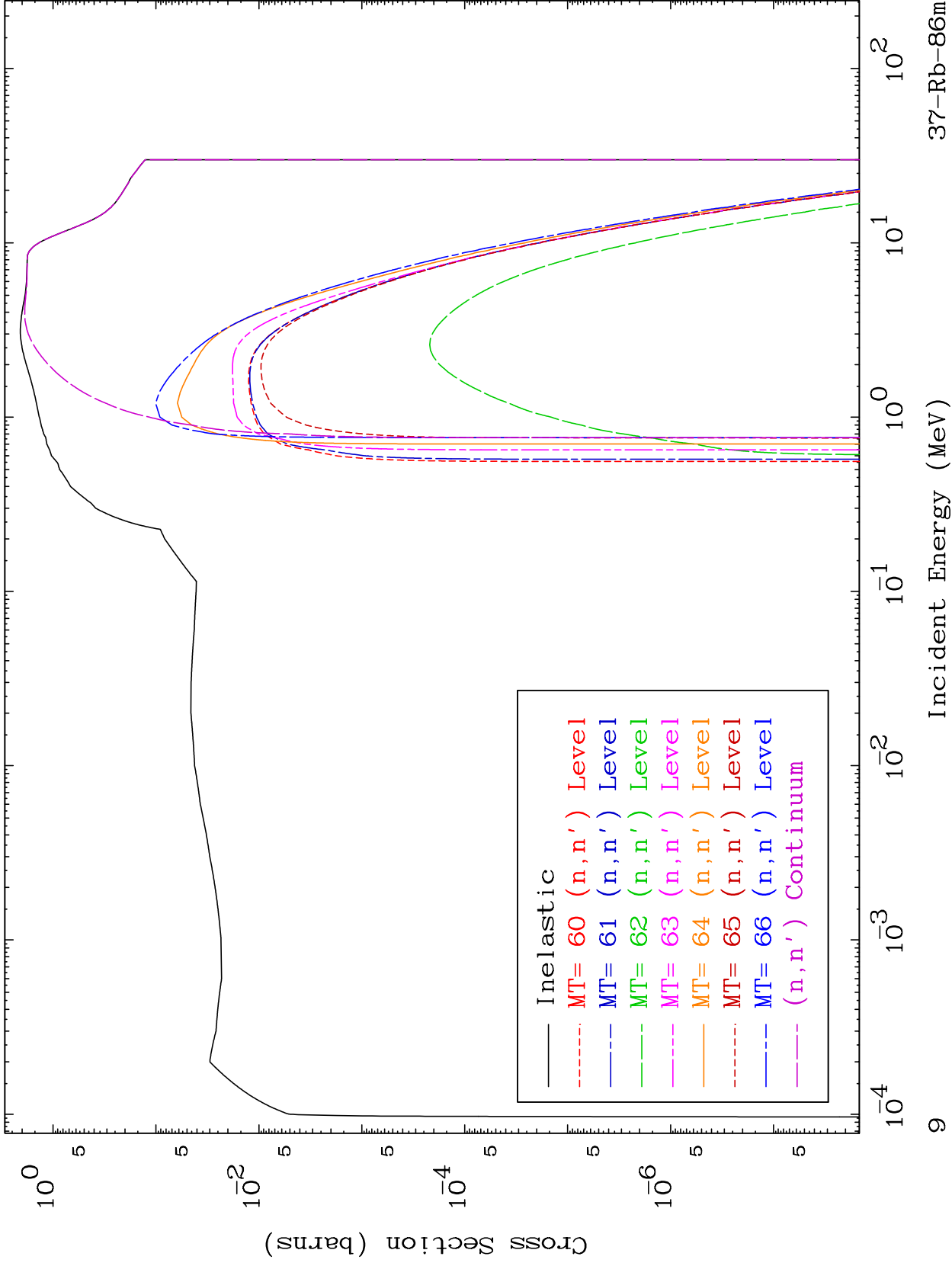
37-Rb-86m



MAT 3729

(n,n') Levels
293 Kelvin Cross Sections

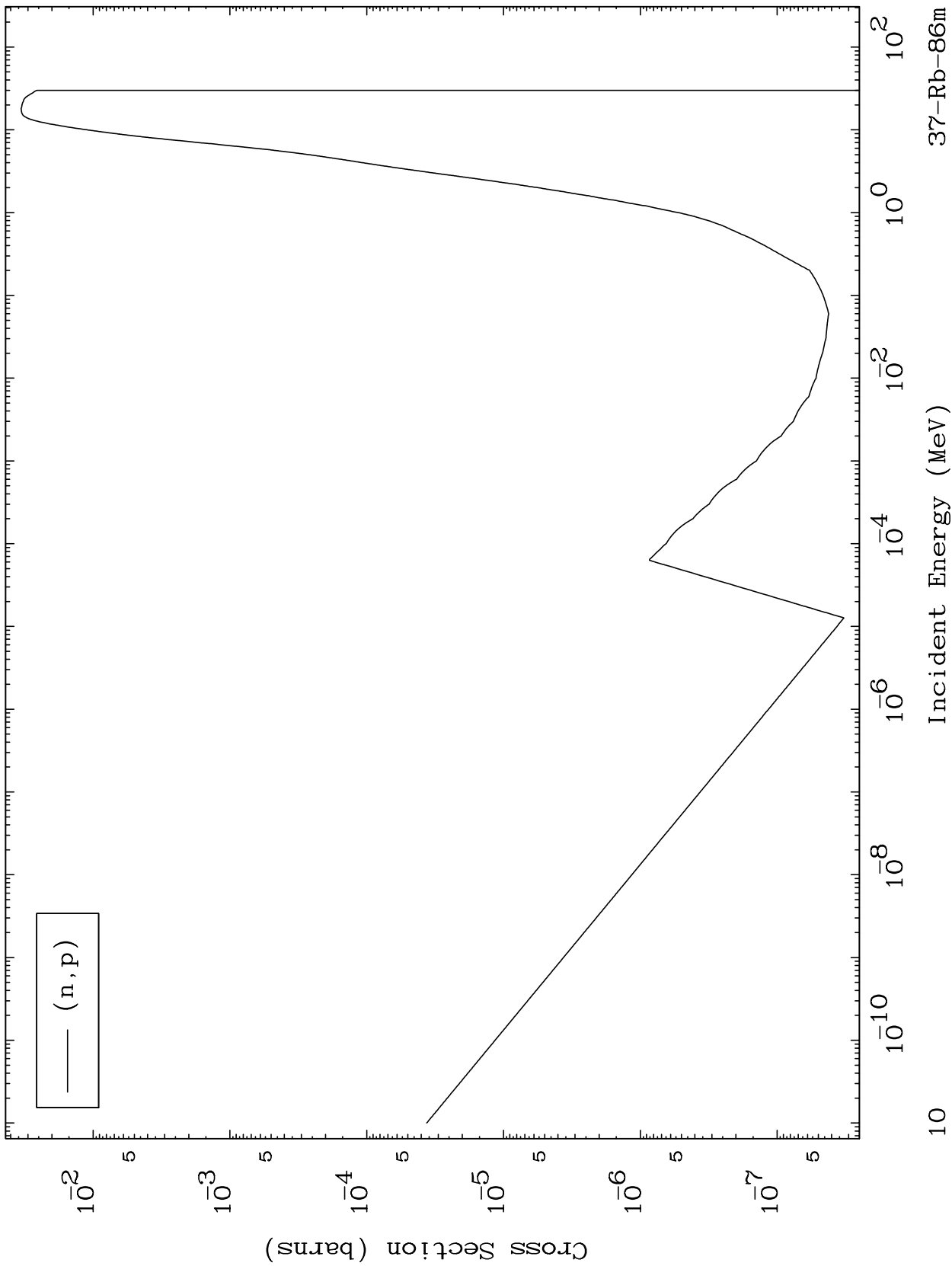
37-Rb-86m



MAT 3729

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-86m



10

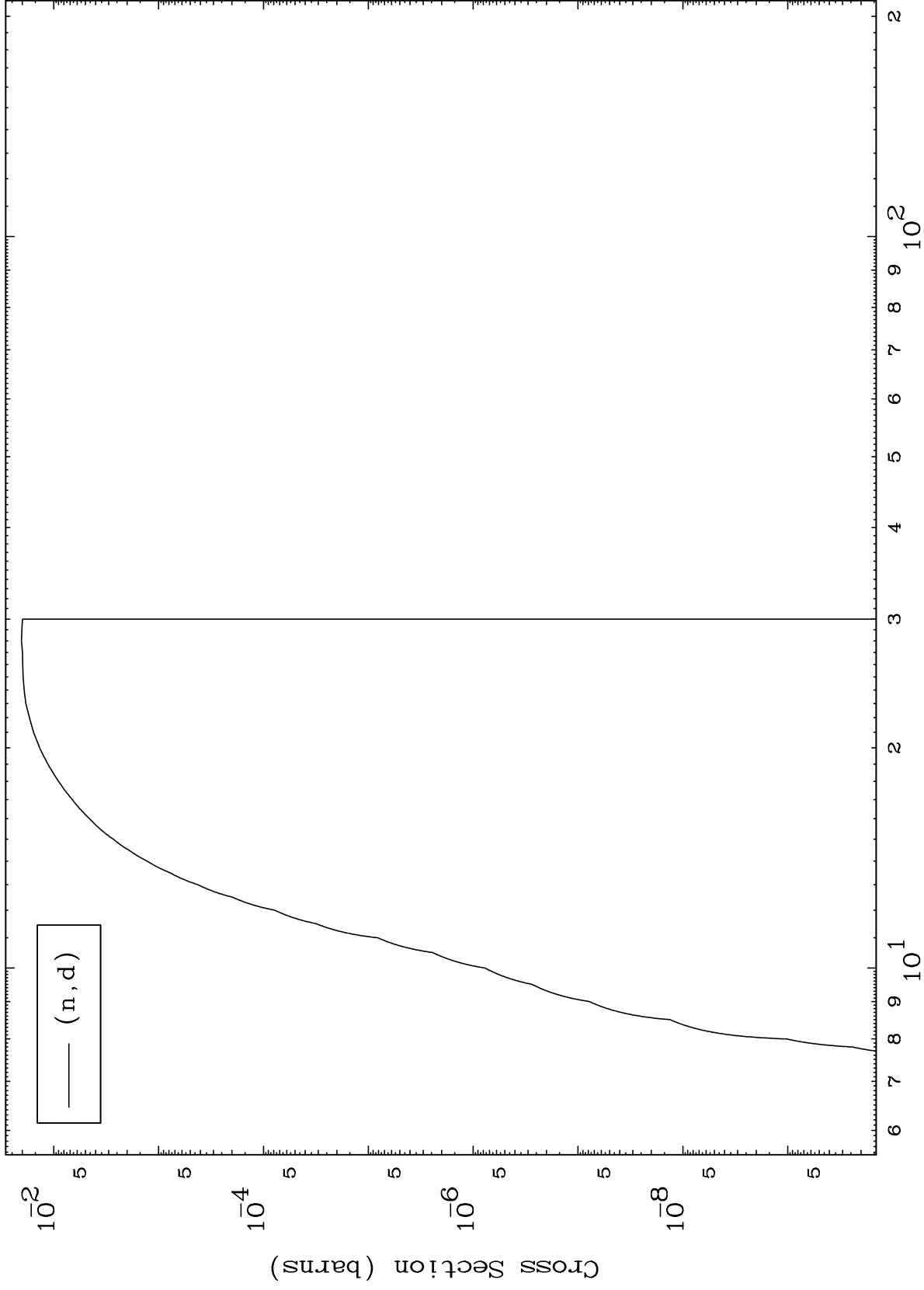
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-86m



11

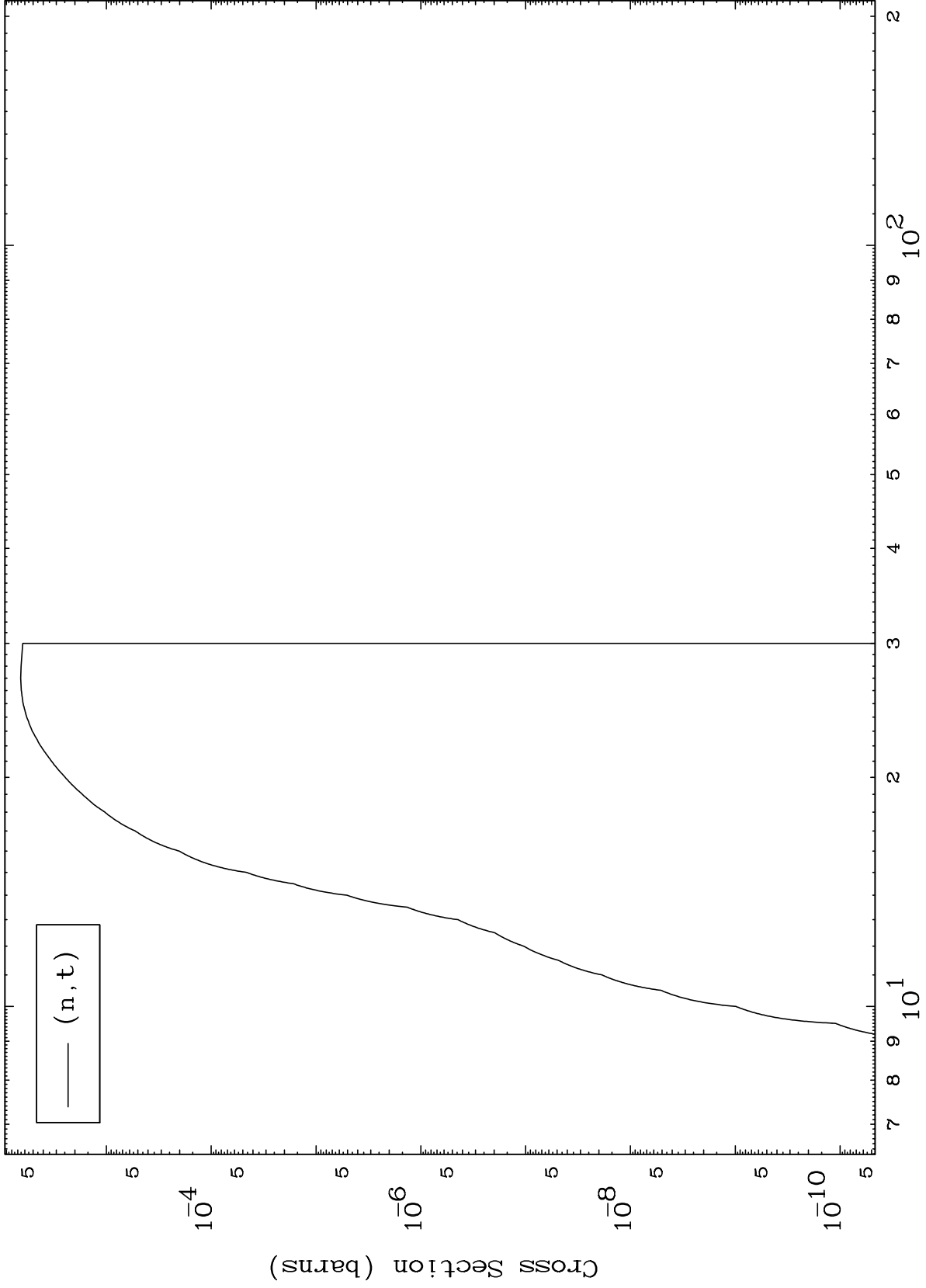
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-86m



12

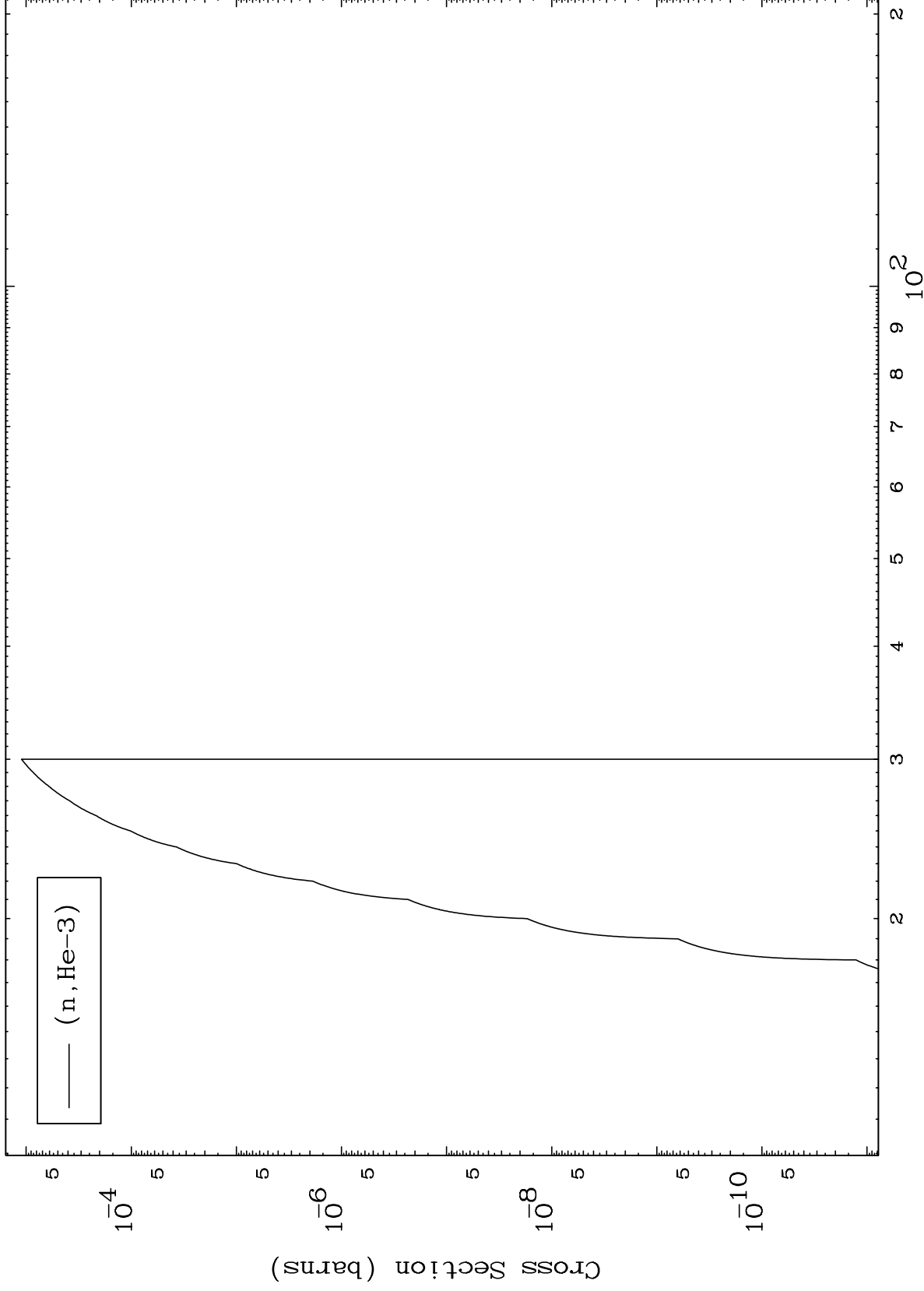
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-86m



13

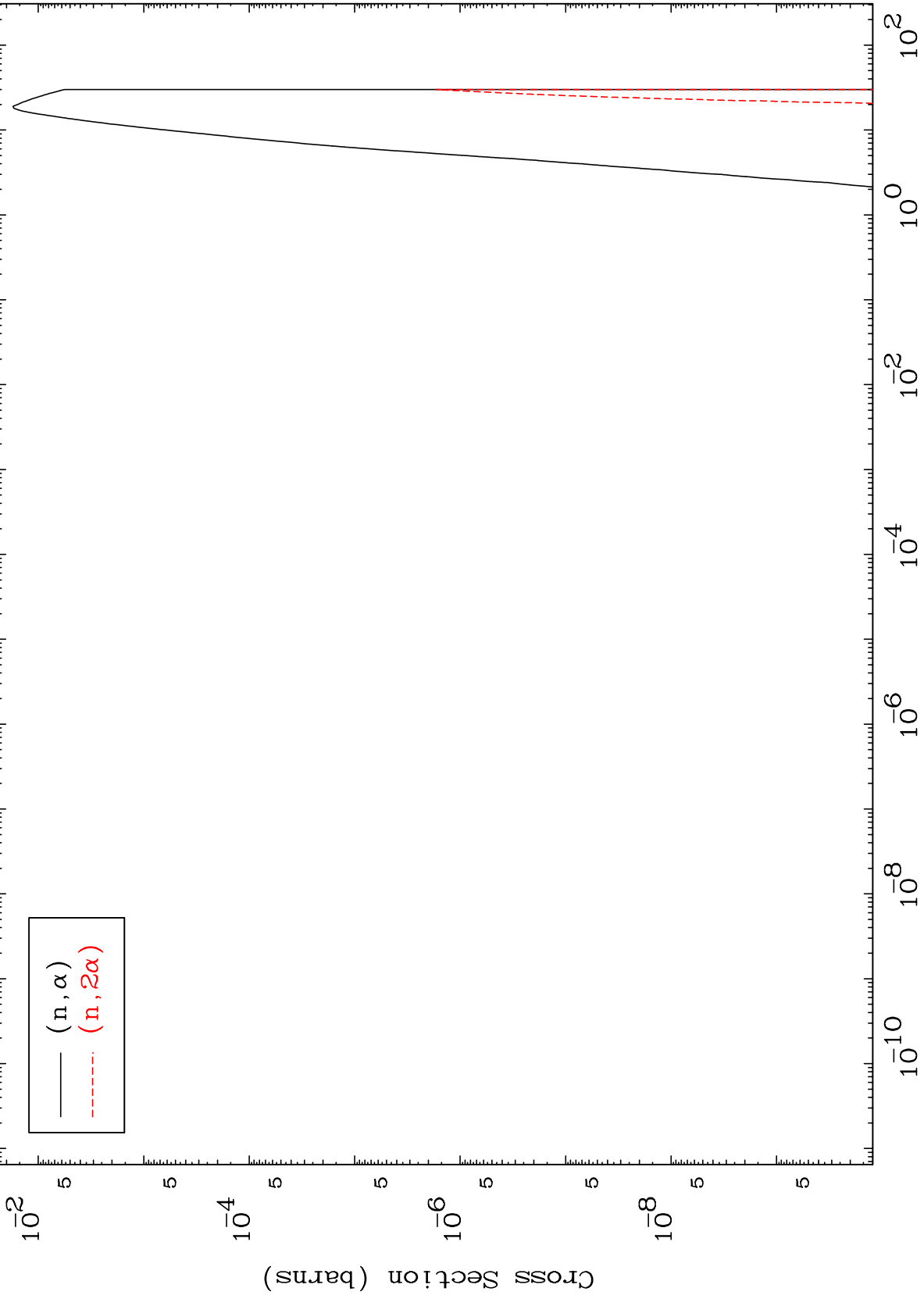
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(n, α) Levels
293 Kelvin Cross Sections

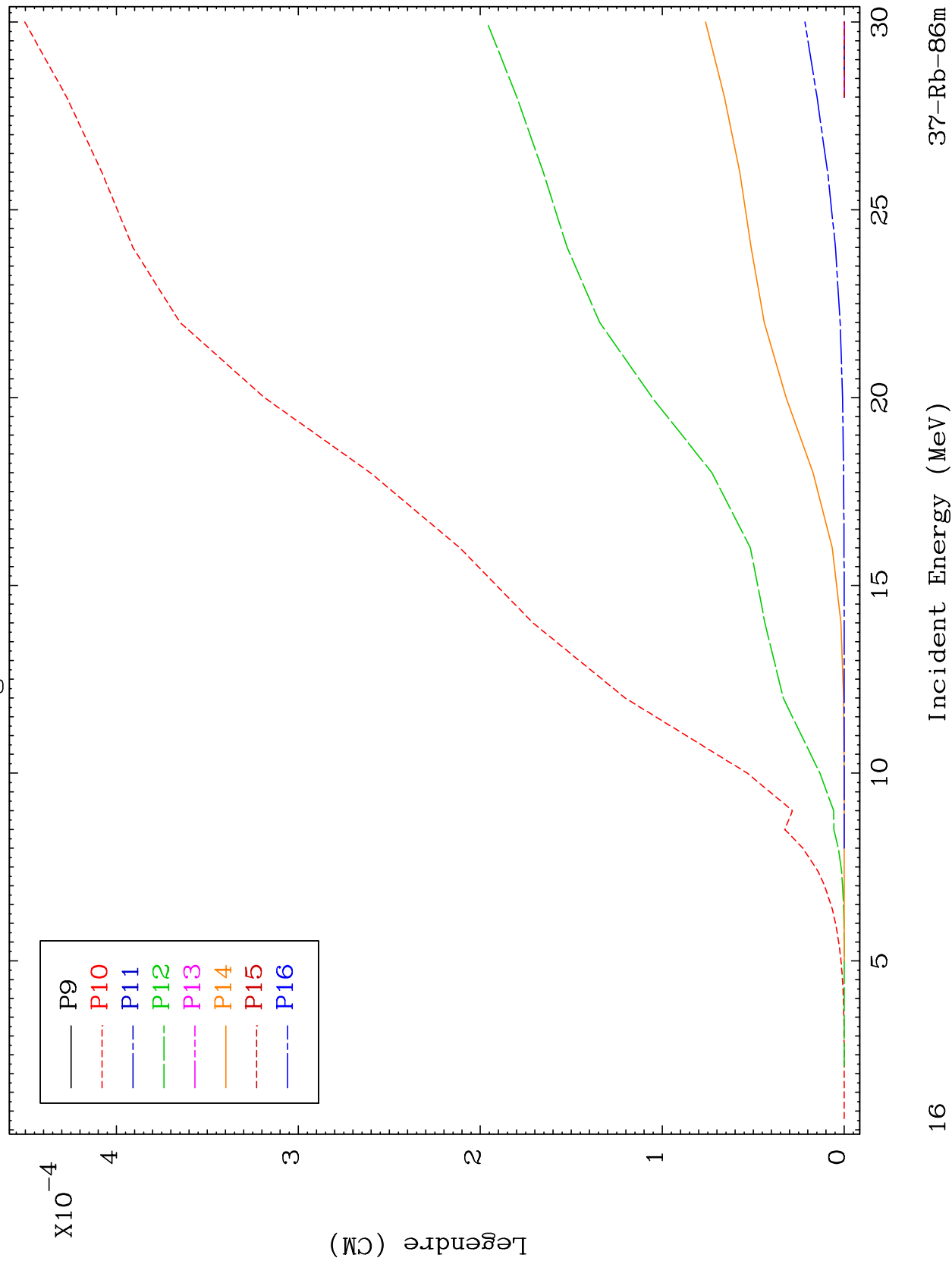
37-Rb-86m



MAT 3729

Elastic Legendre Coefficients

³⁷Rb-⁸⁶m



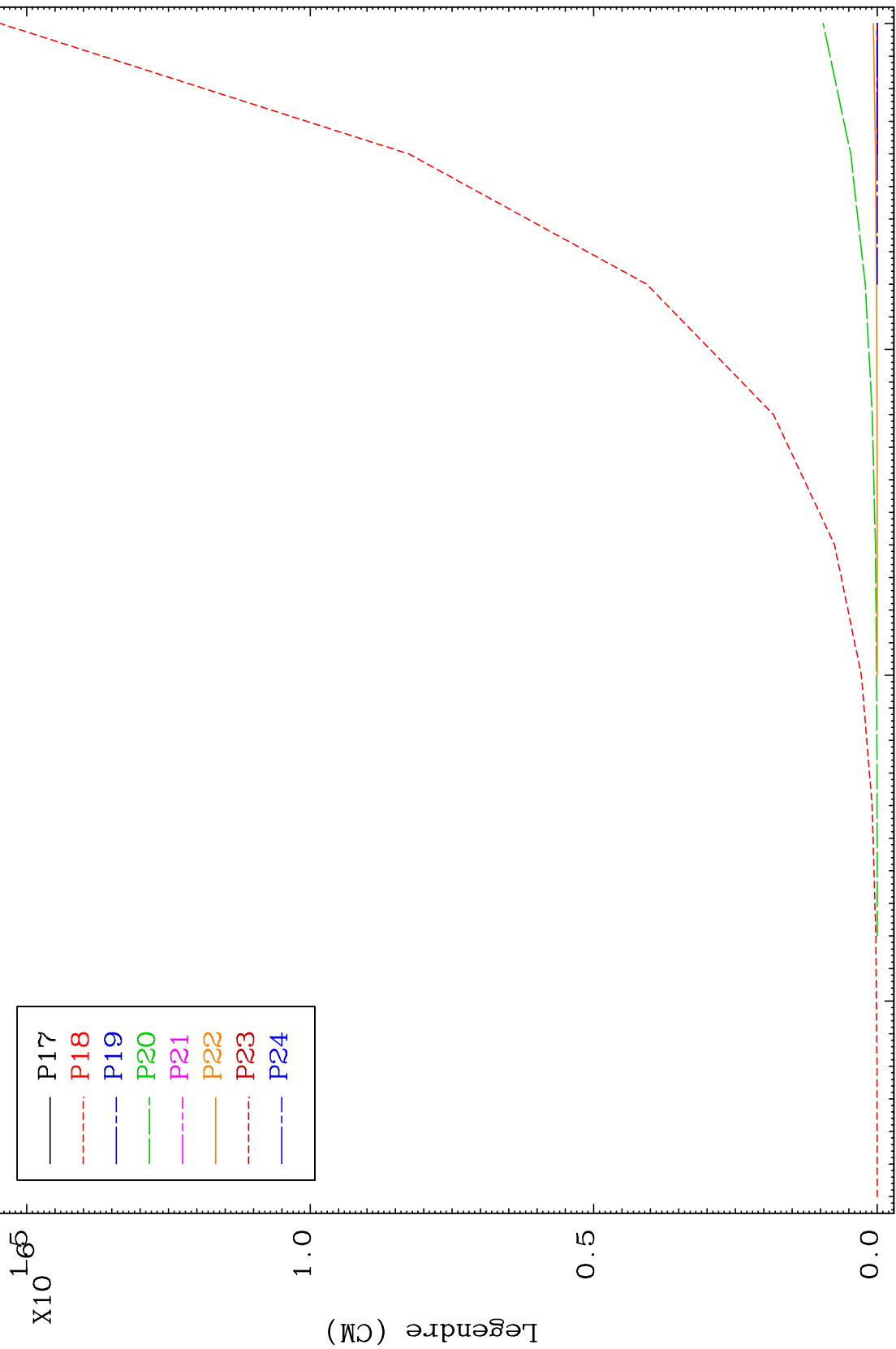
16

³⁷Rb-⁸⁶m

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Elastic
Legendre Coefficients

37-Rb-86m



17

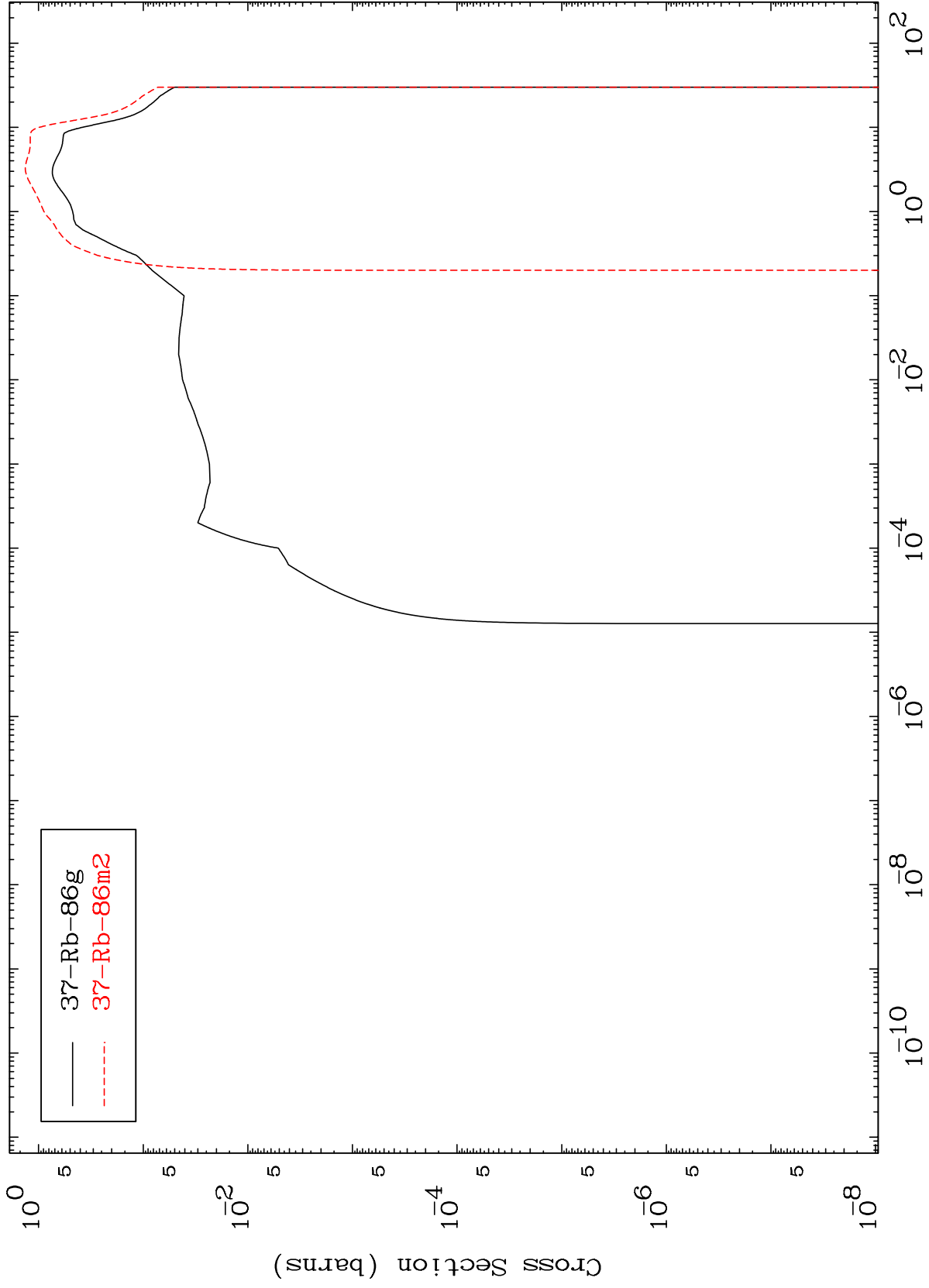
Incident Energy (MeV)

37-Rb-86m

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Inelastic
Radionuclide Production Cross Section

³⁷Rb-86m



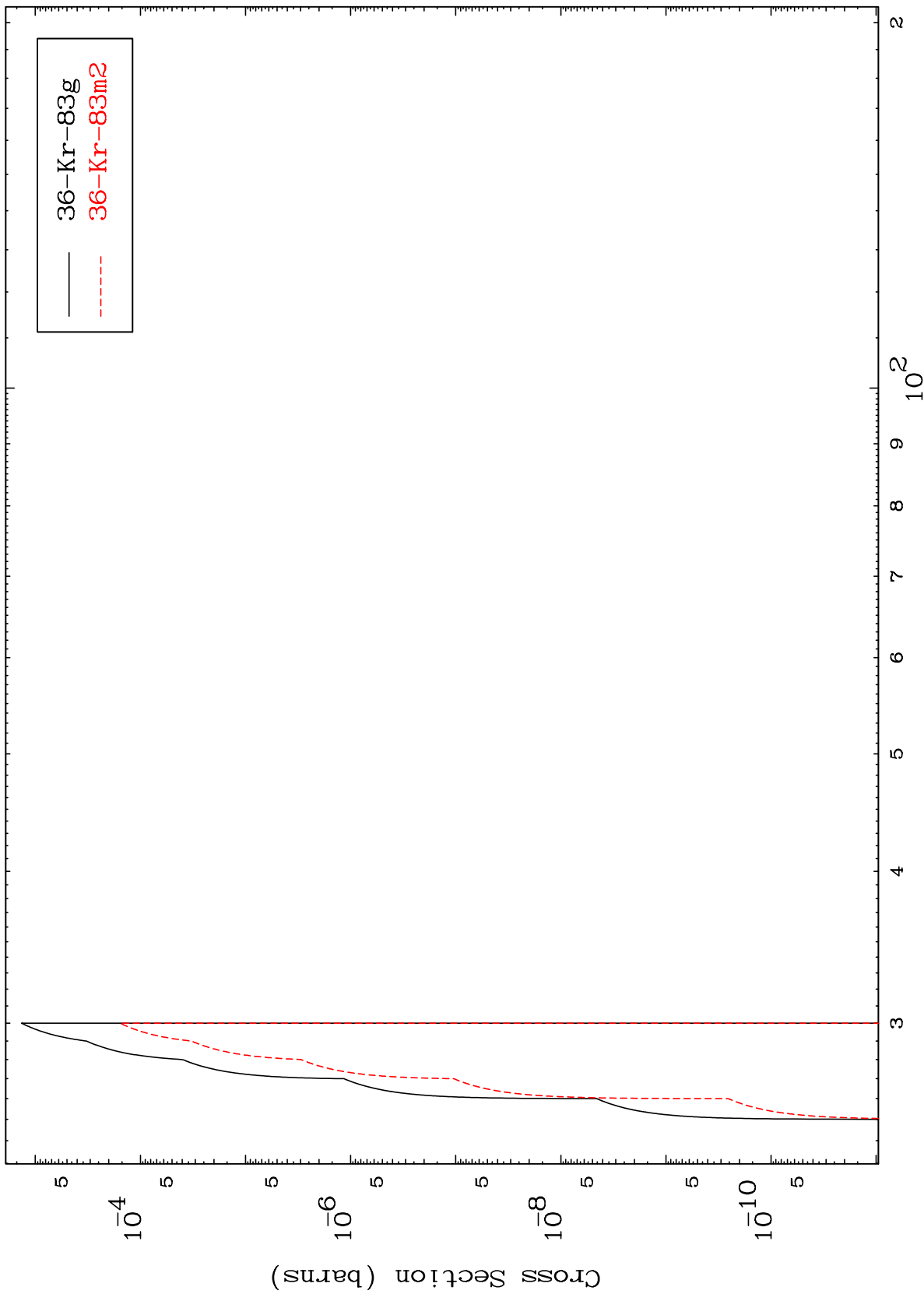
— 37-Rb-86g
- - - 37-Rb-86m2

MAT 3729

(n,2n) d

37-Rb-86m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

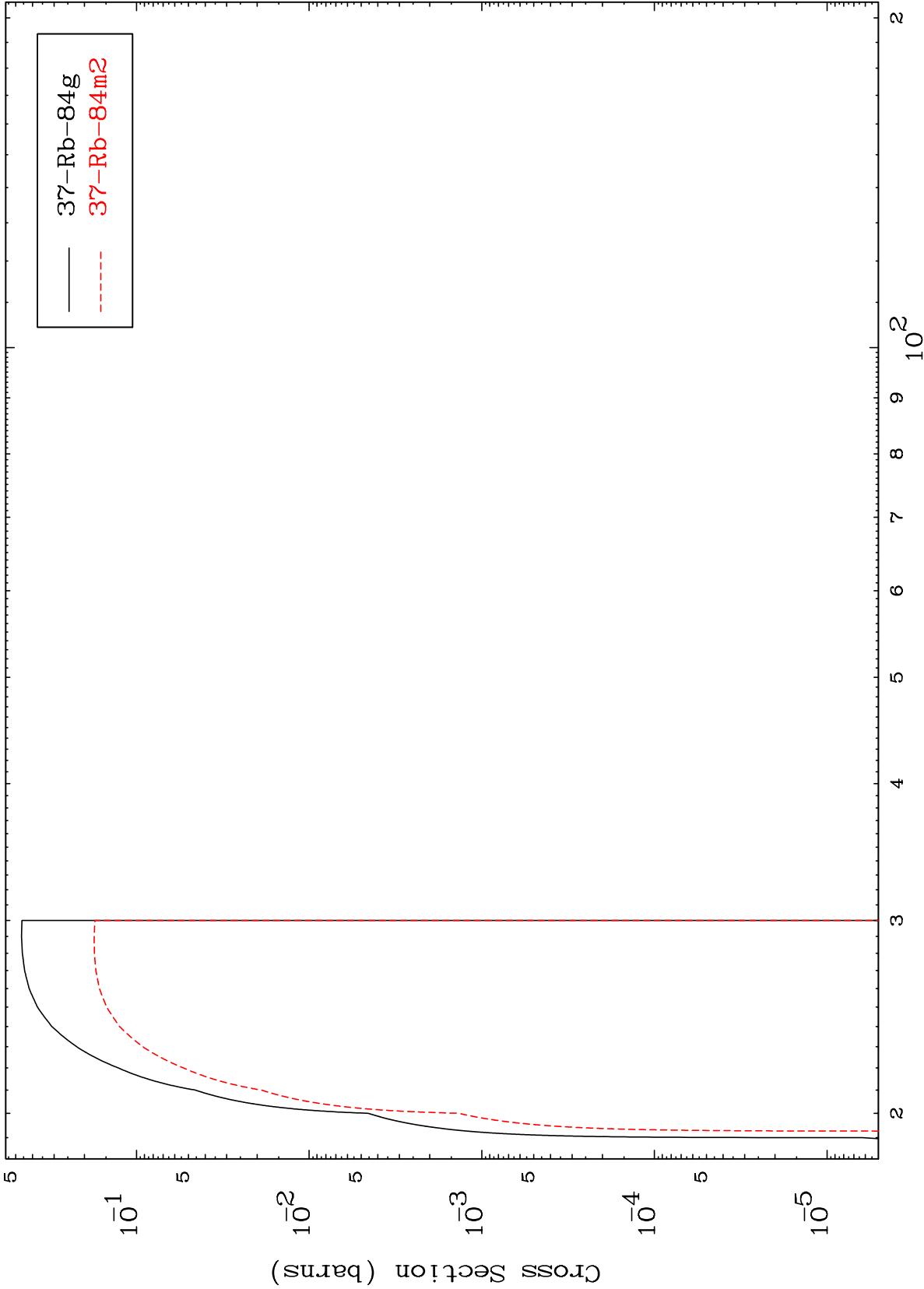
37-Rb-86m

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(n,3n)

37-Rb-86m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

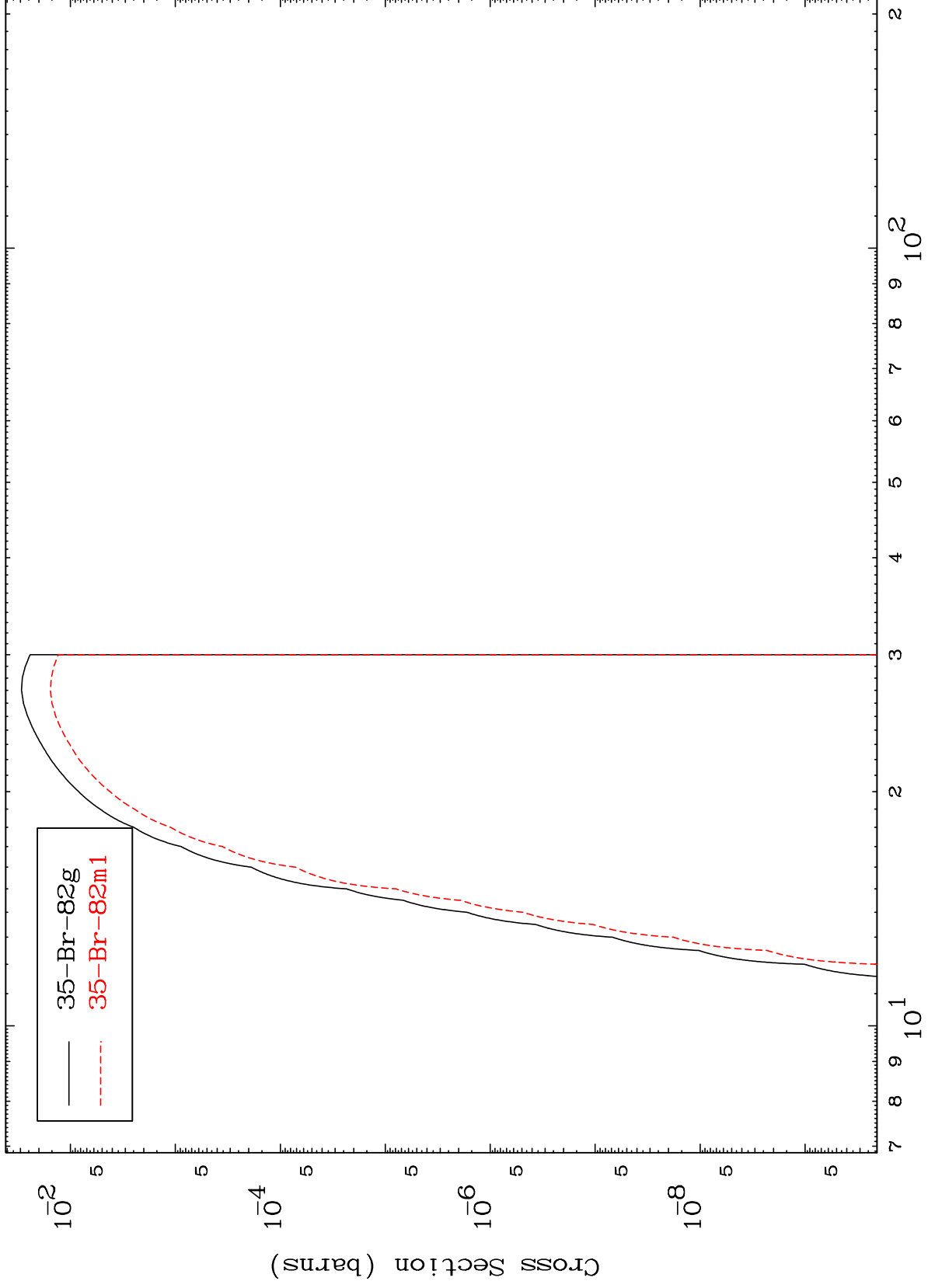
37-Rb-86m

MAT 3729

37-Rb-86m

(n,n') α

Radionuclide Production Cross Section



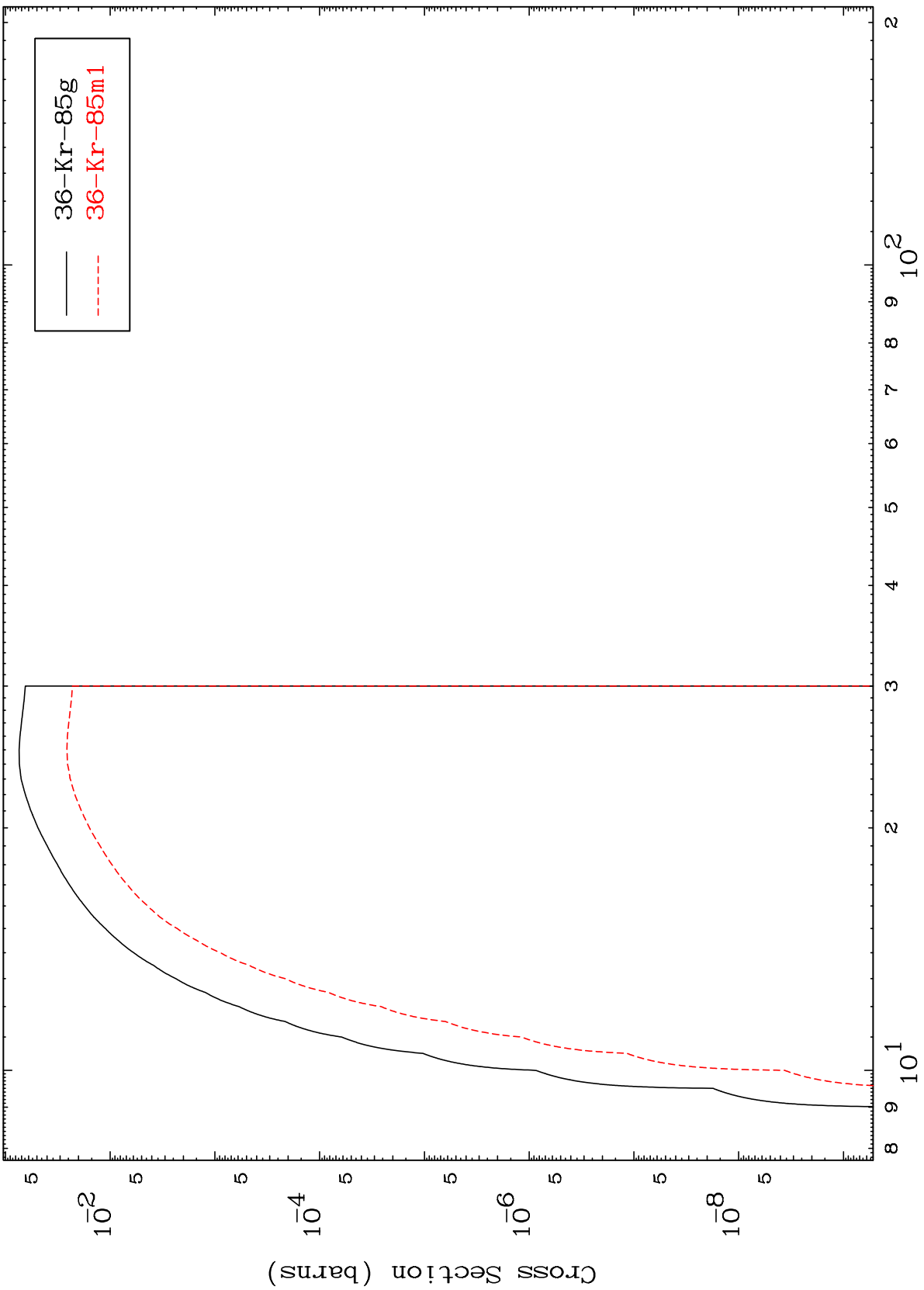
— 35-Br-82g
- - - 35-Br-82m1

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(n,n') p

37-Rb-86m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

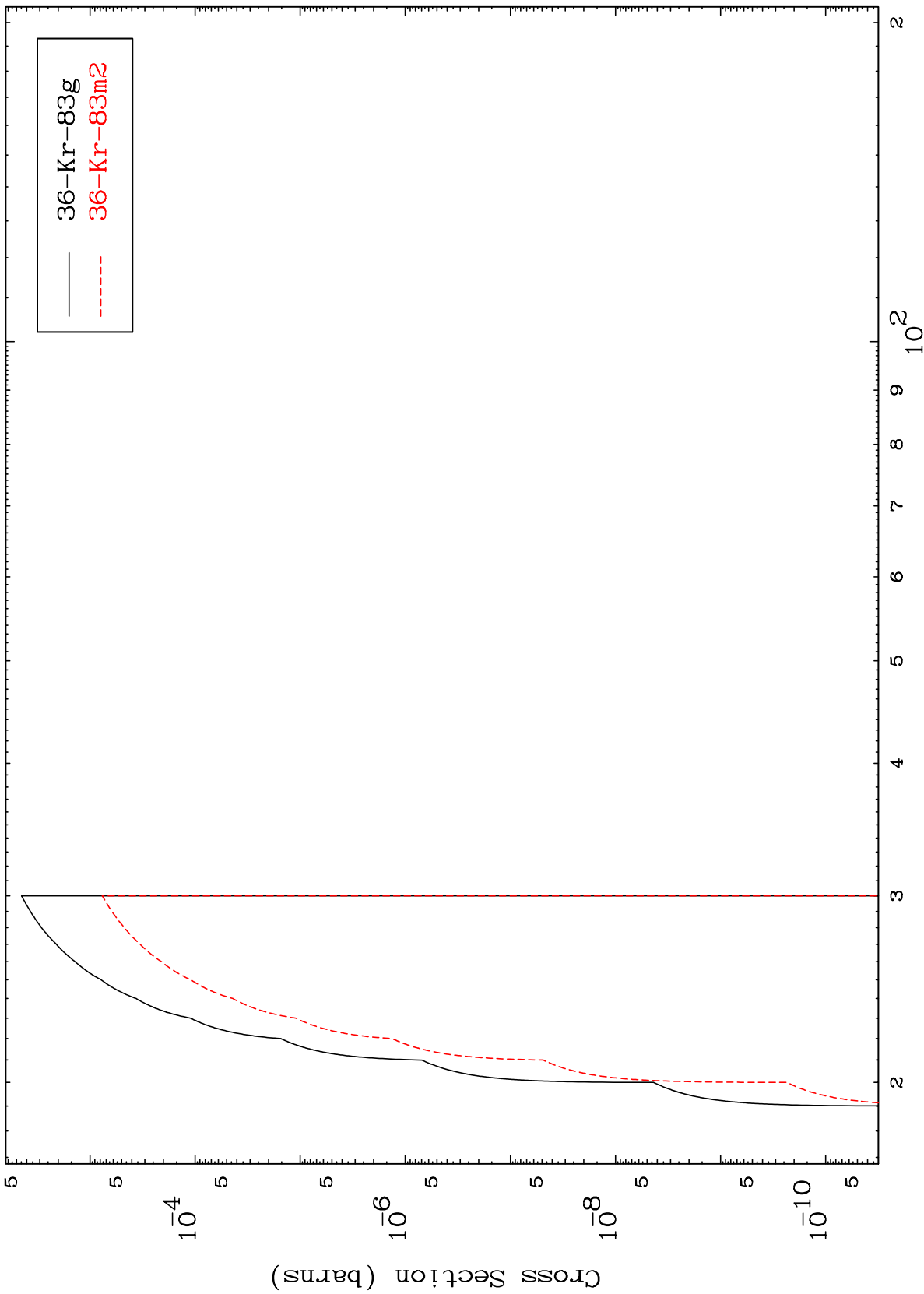
37-Rb-86m

MAT 3729

(n,n') t

37-Rb-86m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

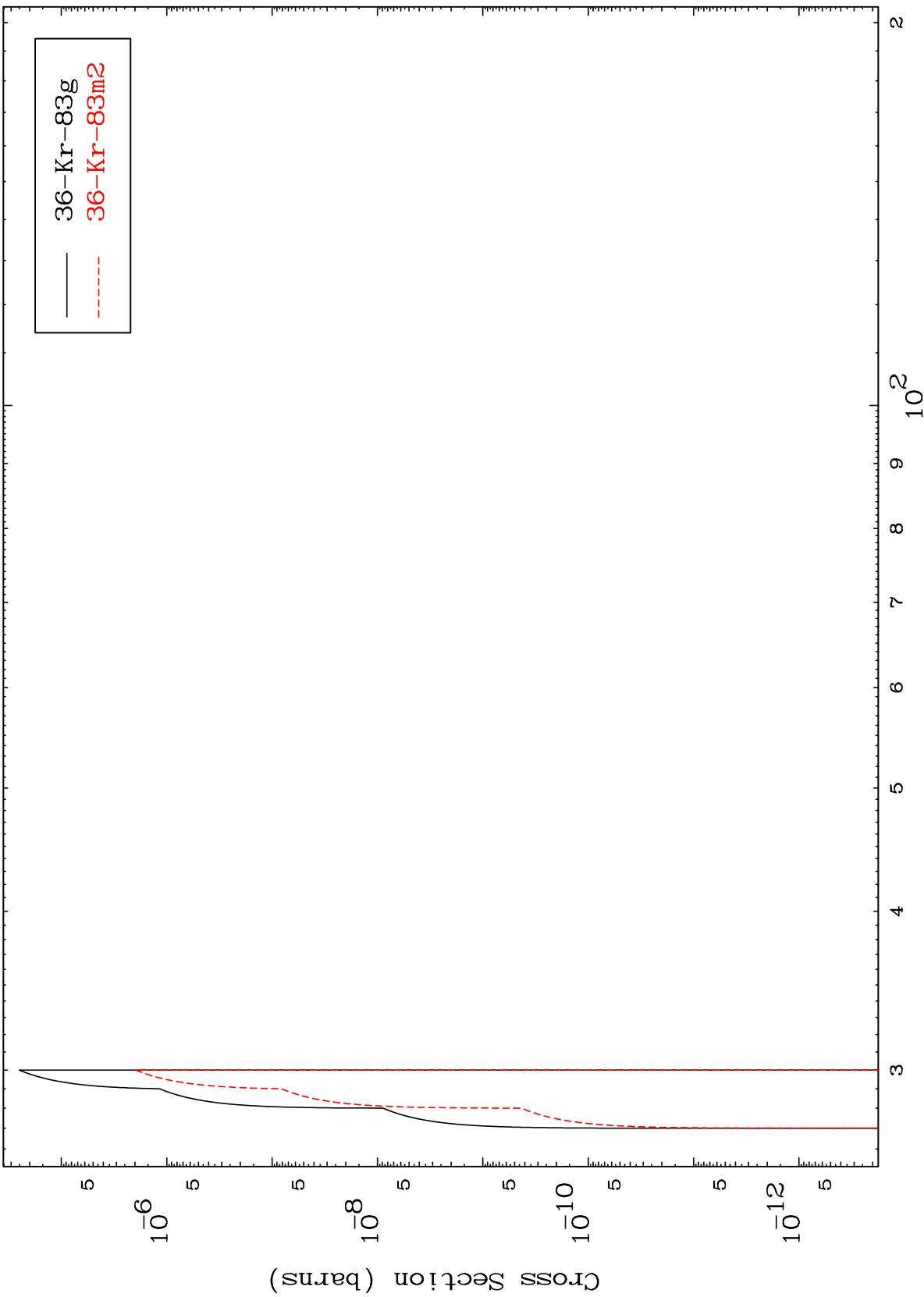
37-Rb-86m

MAT 3729

(n,3n) p

37-Rb-86m

Radionuclide Production Cross Section



24

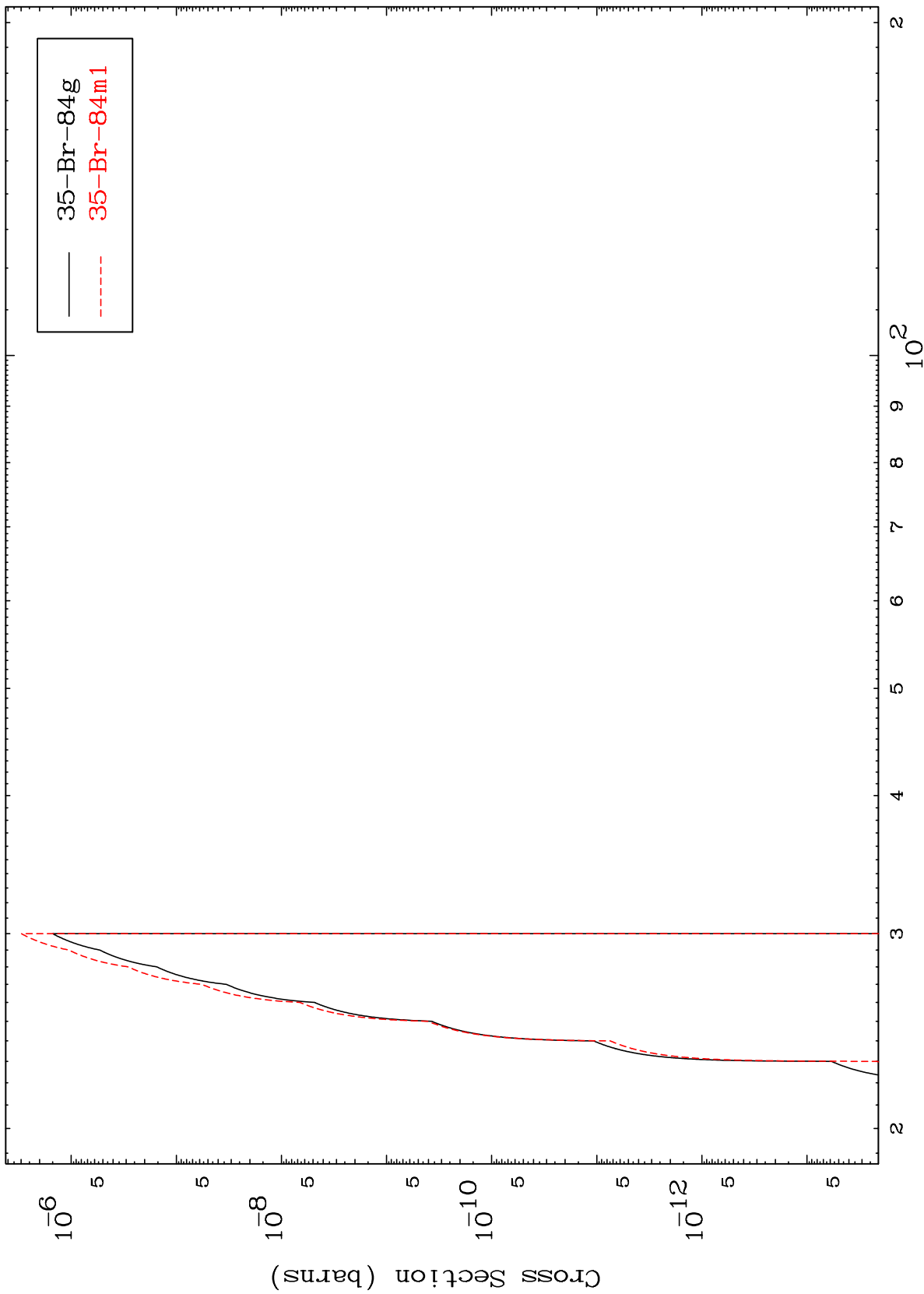
Incident Energy (MeV)

37-Rb-86m

MAT 3729

37-Rb-86m

(n,2n) p
Radionuclide Production Cross Section



25

Incident Energy (MeV)

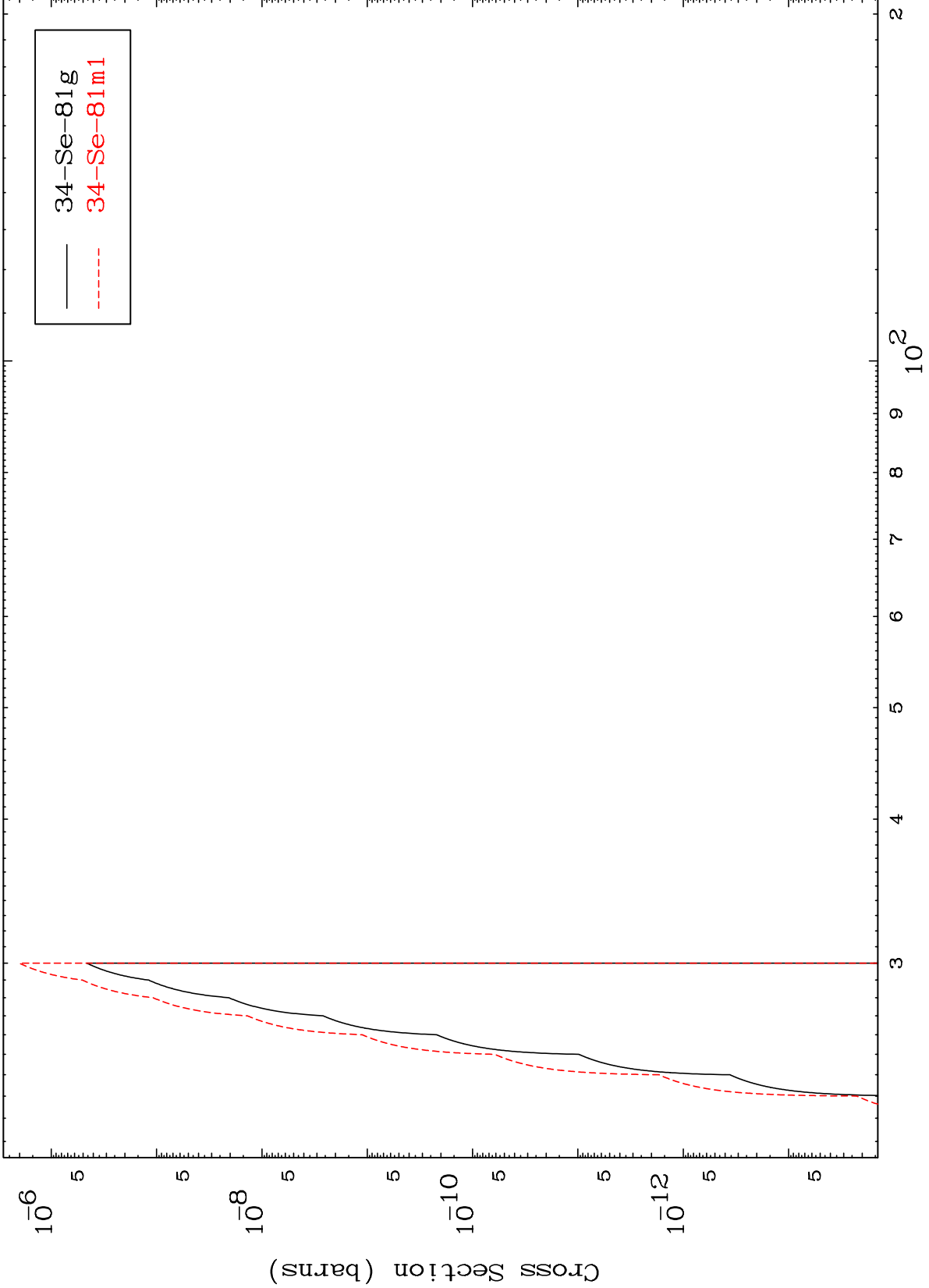
37-Rb-86m

MAT 3729

(n,n') p α

37-Rb-86m

Radionuclide Production Cross Section



26

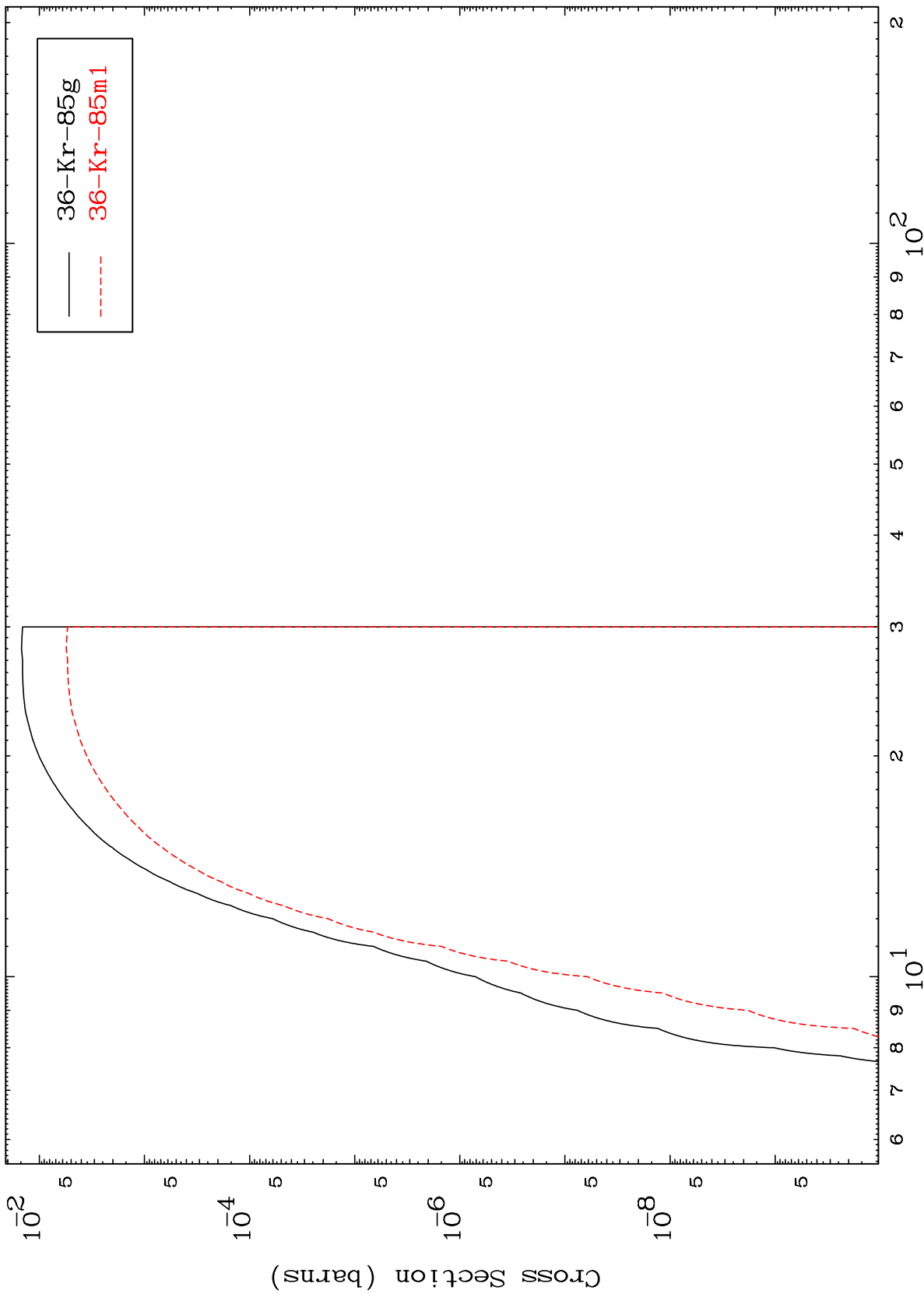
Incident Energy (MeV)

37-Rb-86m

MAT 3729

37-Rb-86m

(n,d)
Radionuclide Production Cross Section



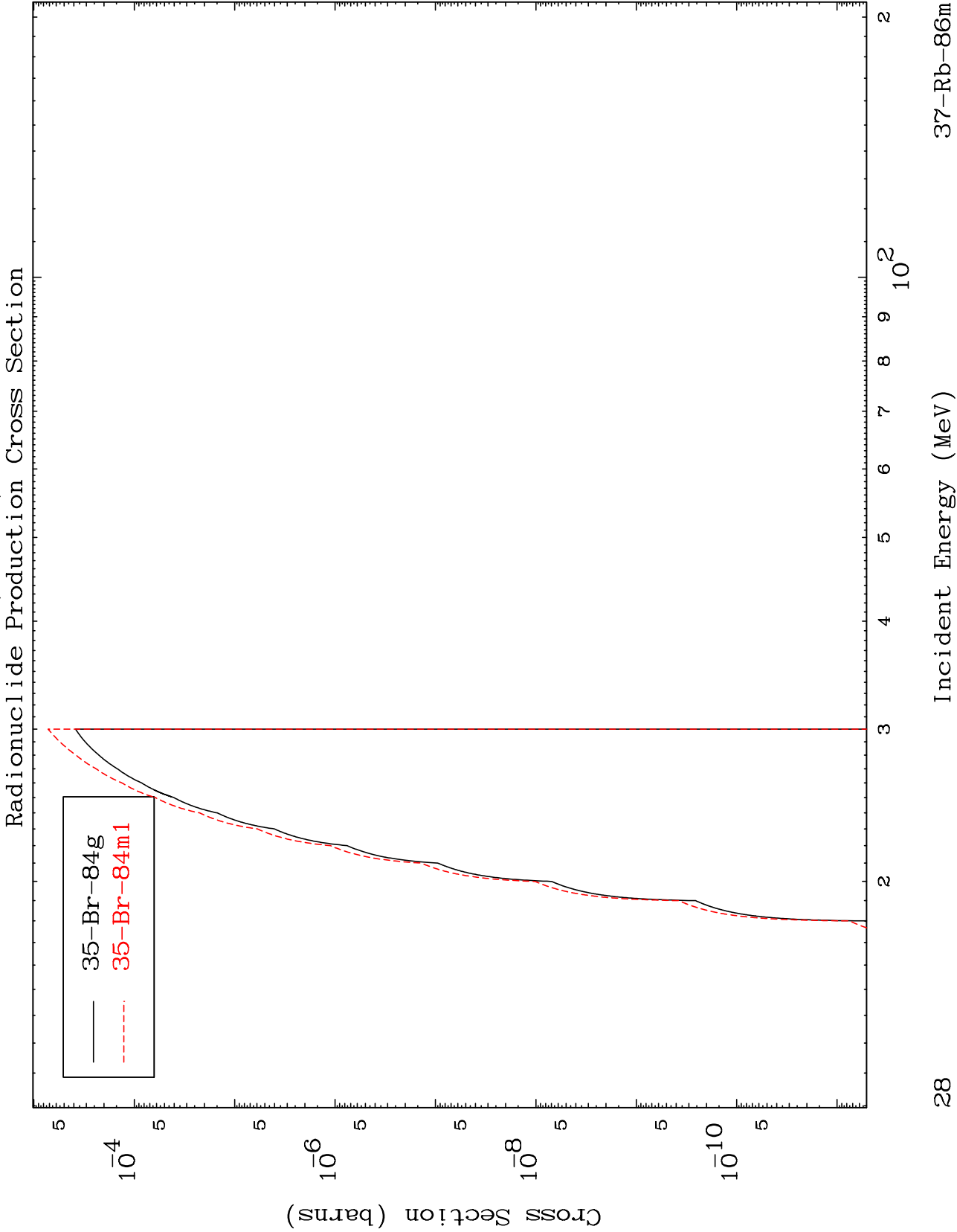
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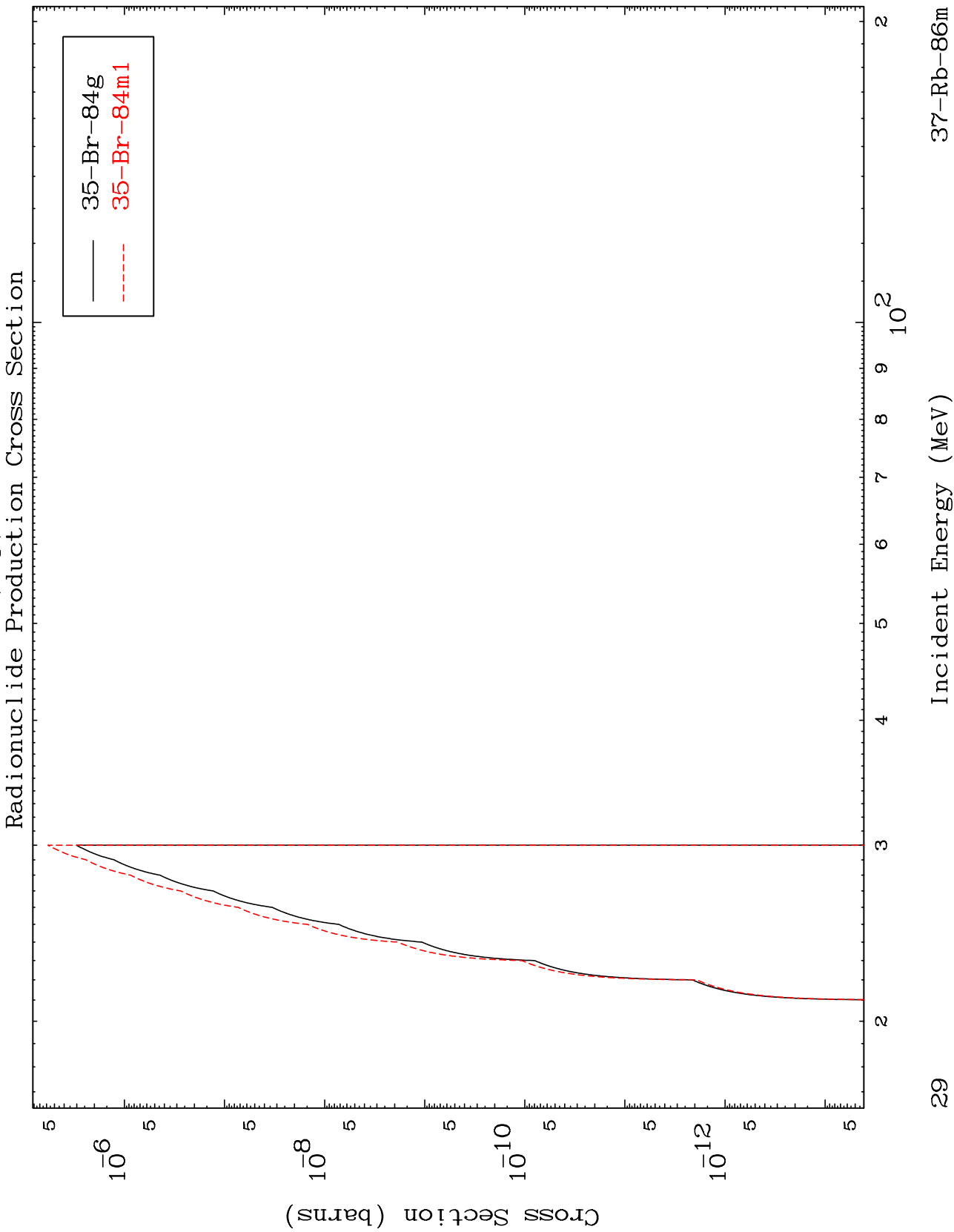
Incident Energy (MeV)

37-Rb-86m

MAT 3729

37-Rb-86m

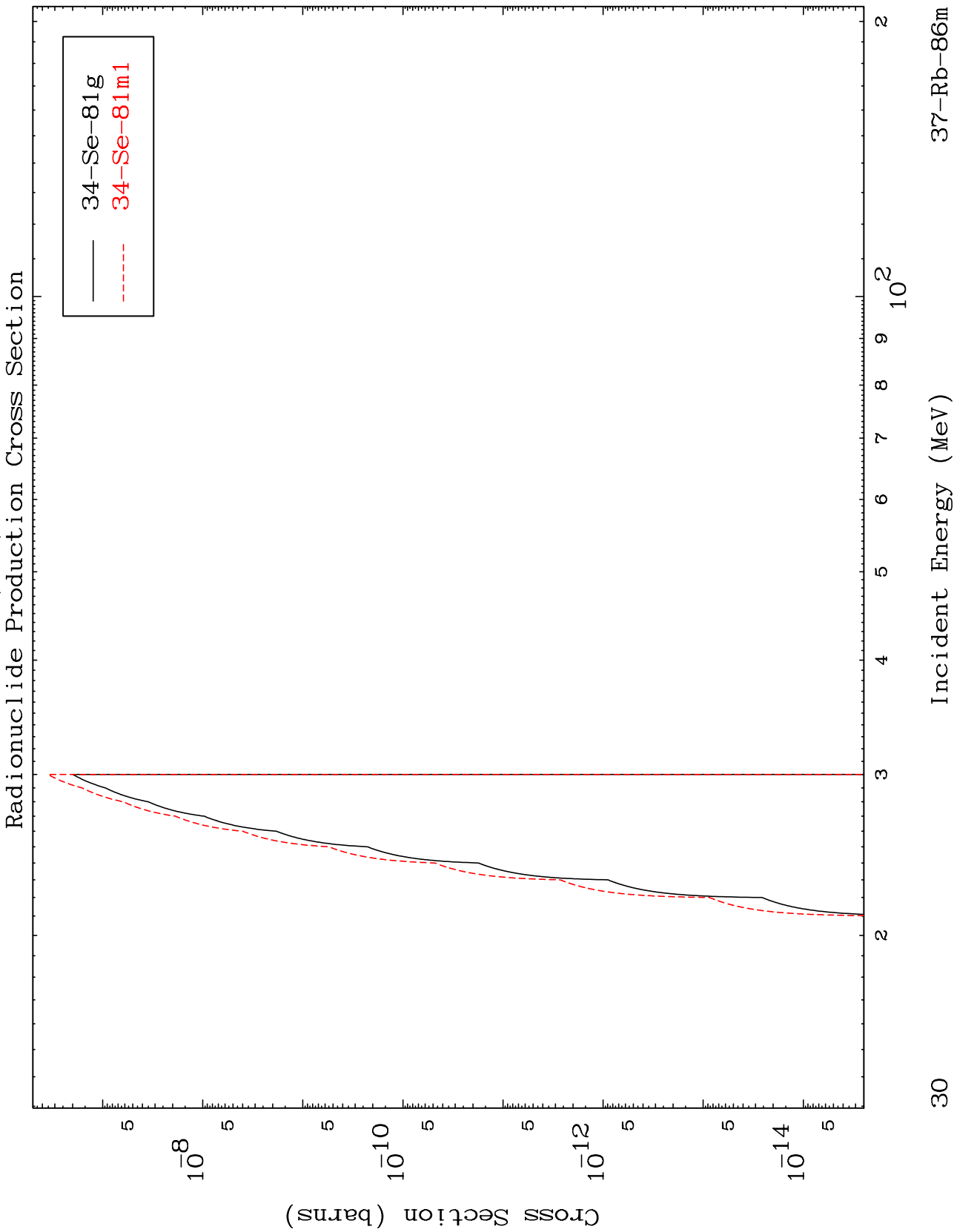




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(n,d) α

37-Rb-86m



30

Incident Energy (MeV)

37-Rb-86m