

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

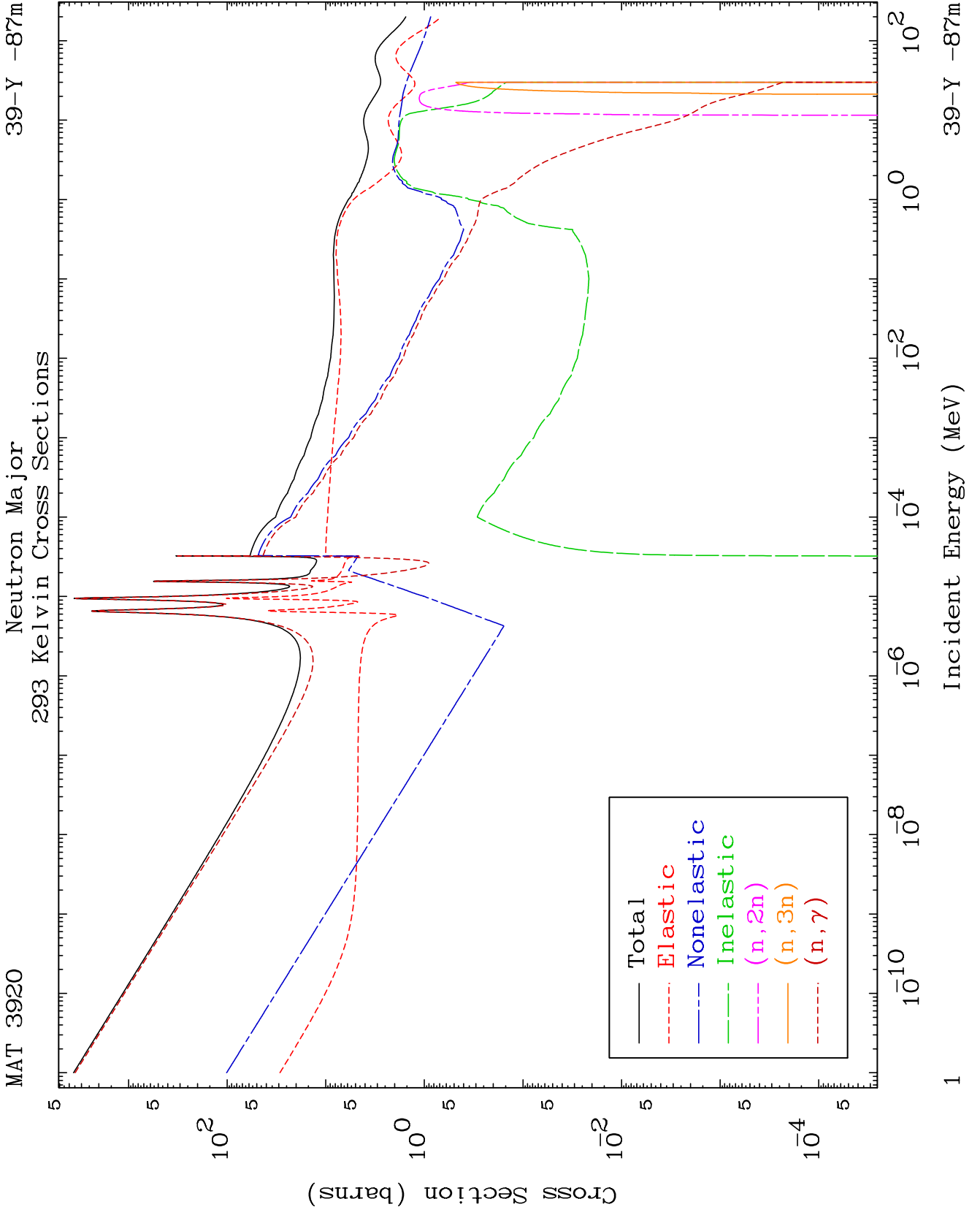
Dermott E. Cullen
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Livermore, CA 94550
U.S.A.

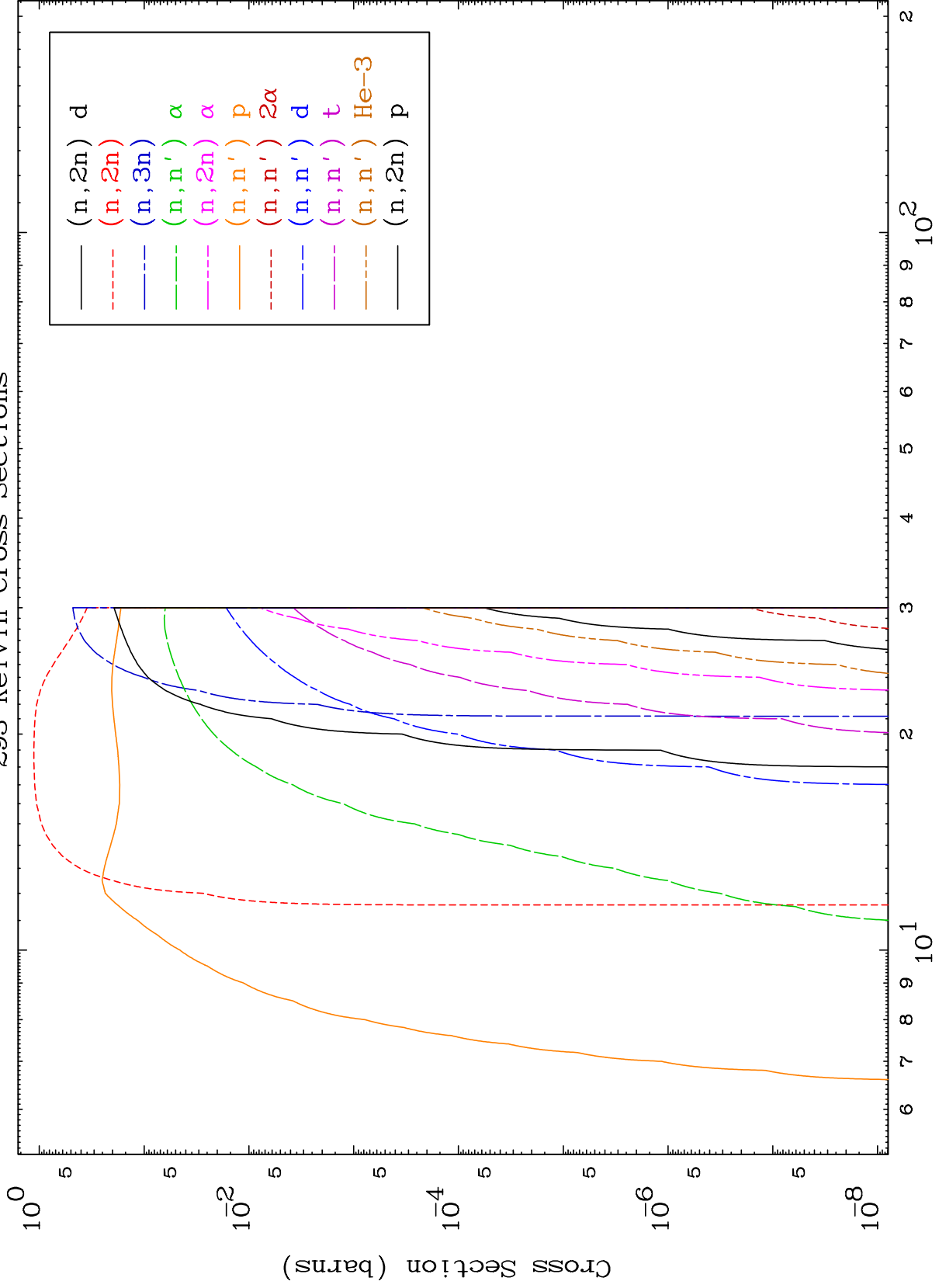
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

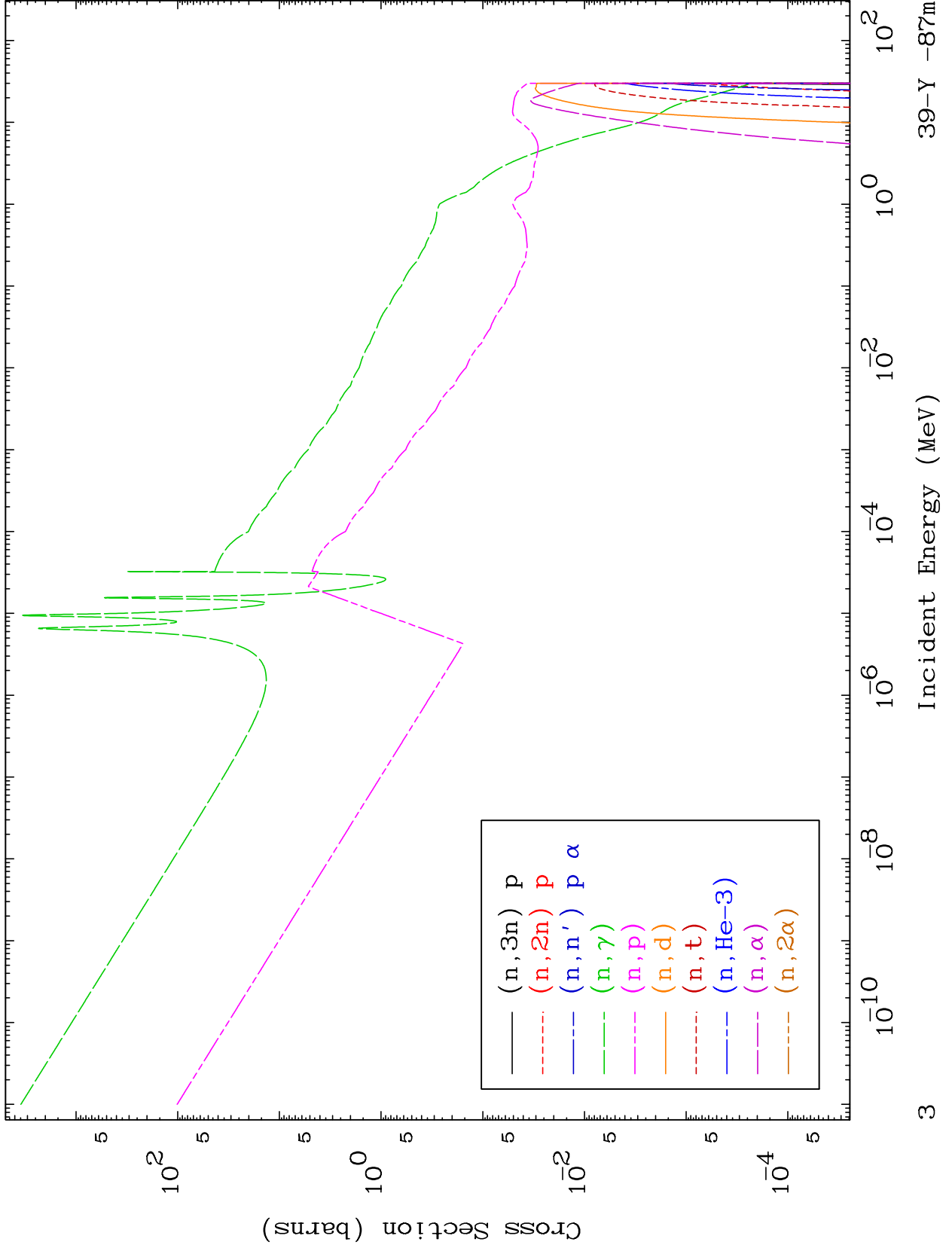




MAT 3920

Neutron Absorption
293 Kelvin Cross Sections

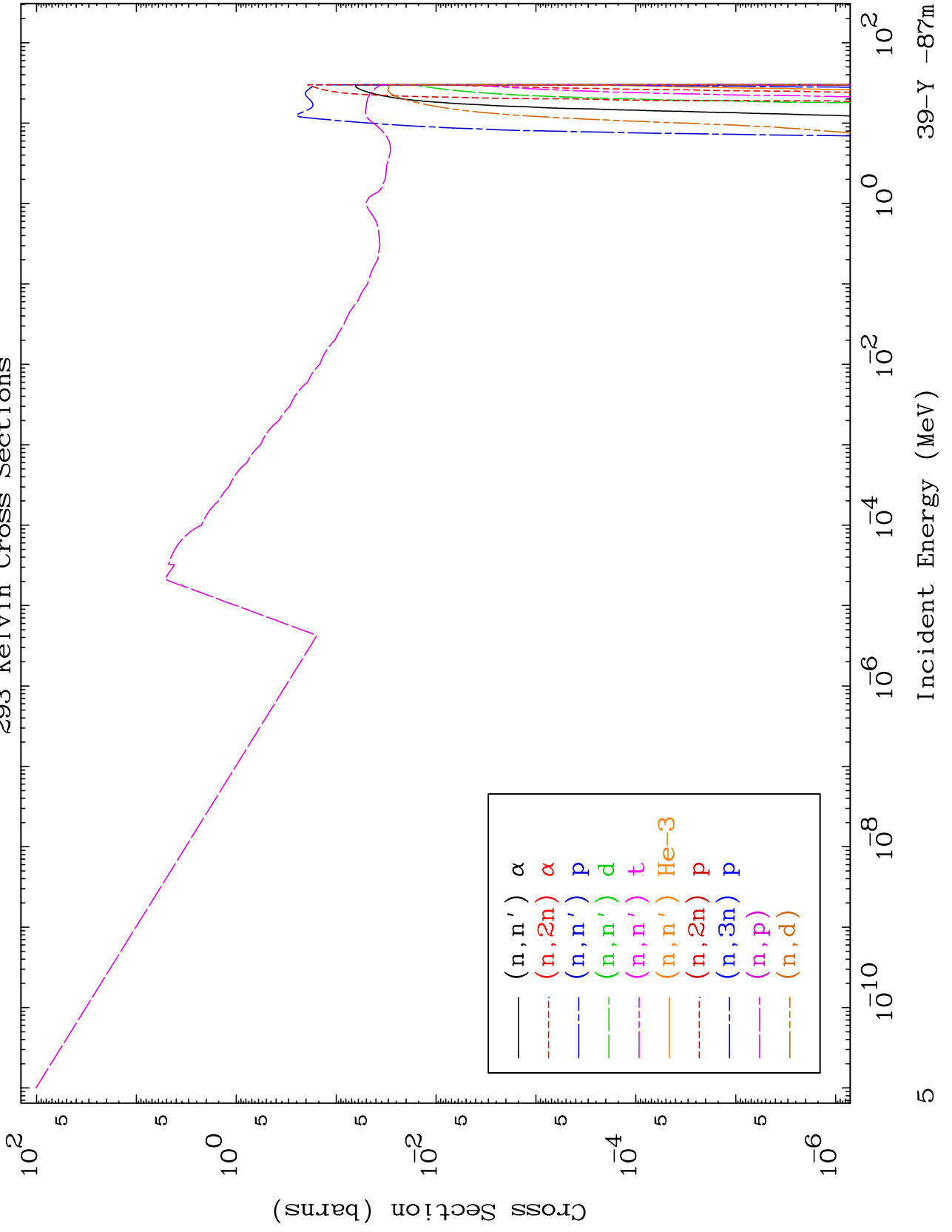
39-Y -87m



MAT 3920

Charged Particle
293 Kelvin Cross Sections

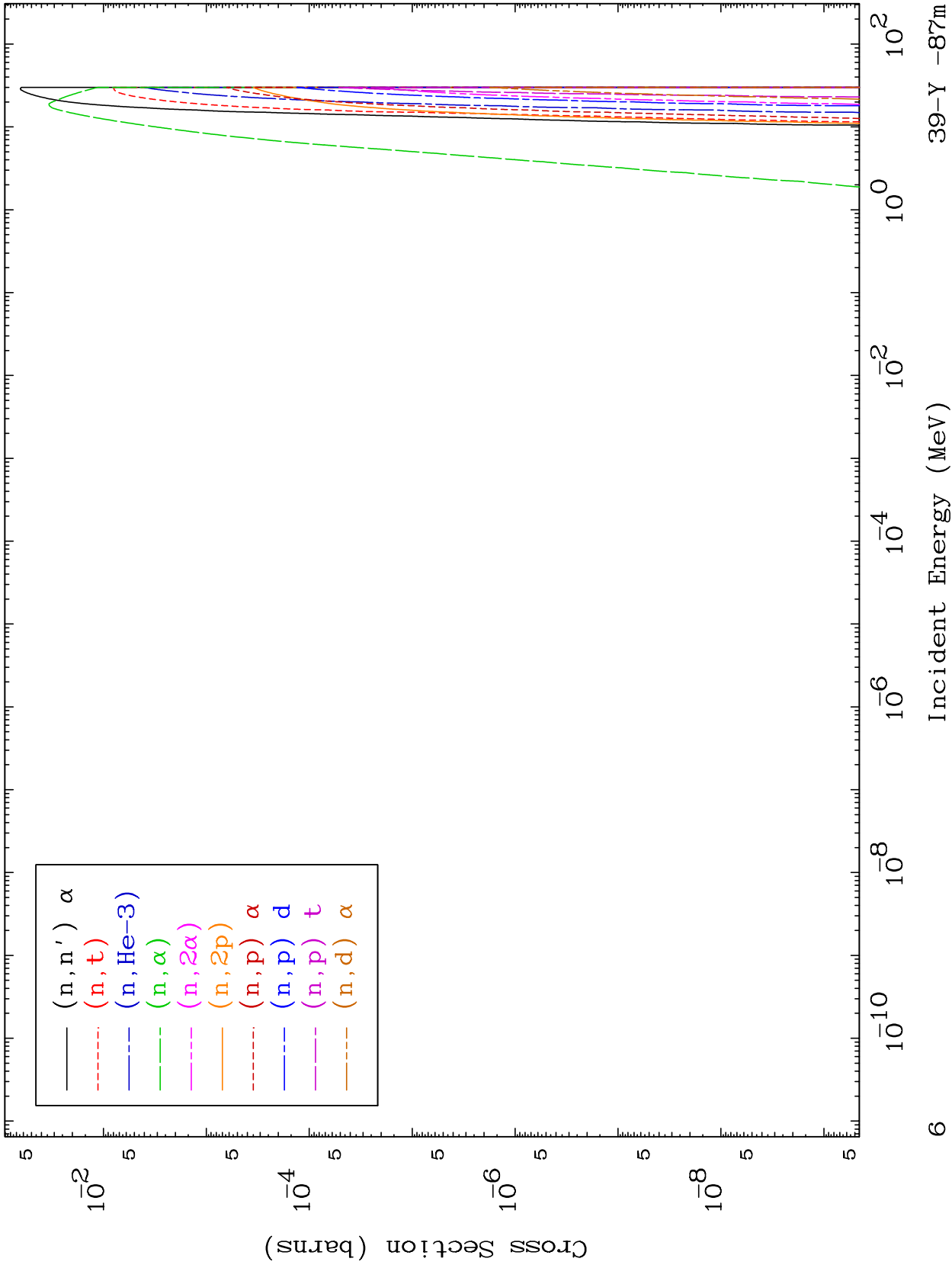
39-Y -87m



MAT 3920

Charged Particle
293 Kelvin Cross Sections

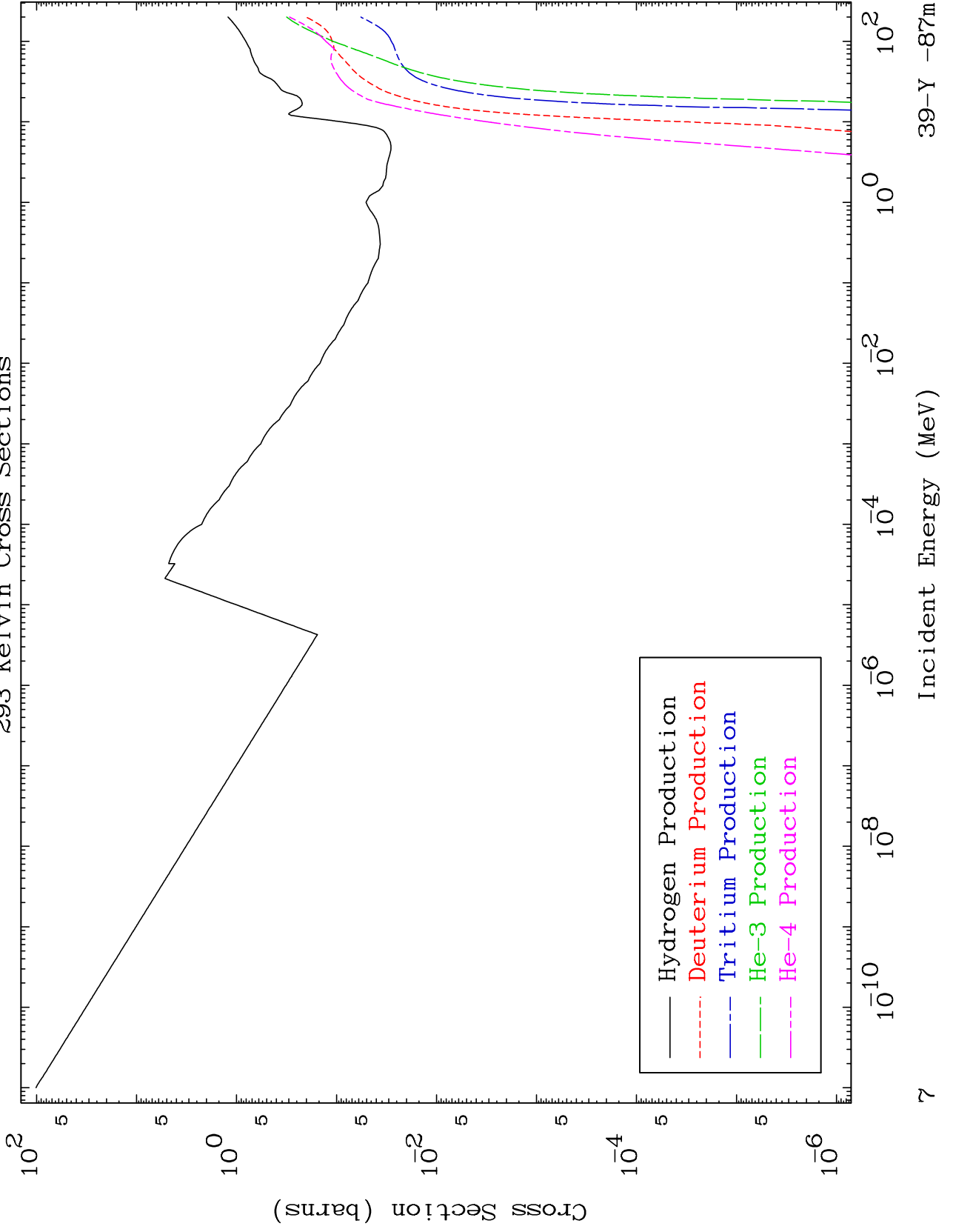
39-Y -87m



MAT 3920

Particle Production
293 Kelvin Cross Sections

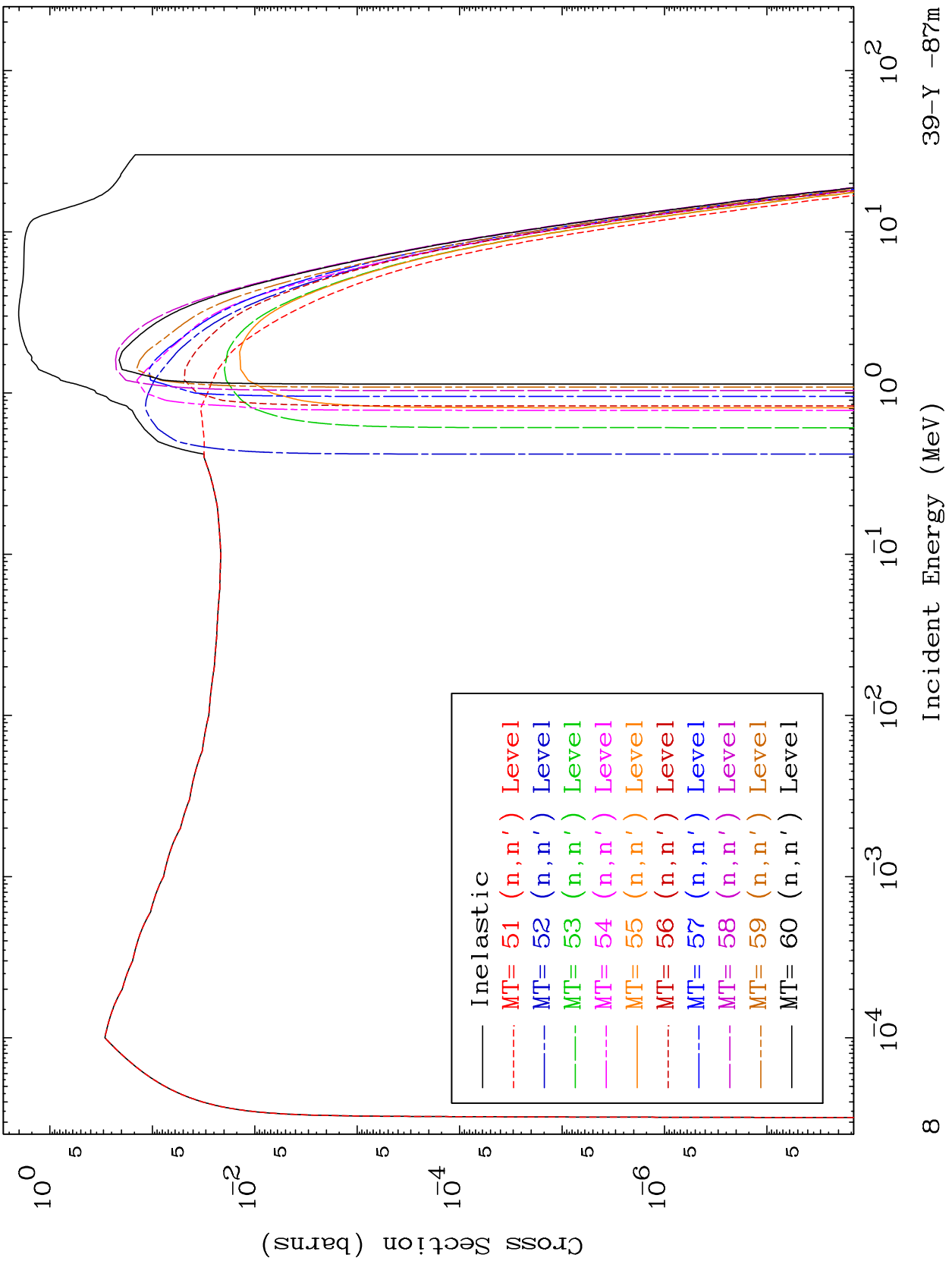
39-Y -87m



MAT 3920

(n,n') Levels
293 Kelvin Cross Sections

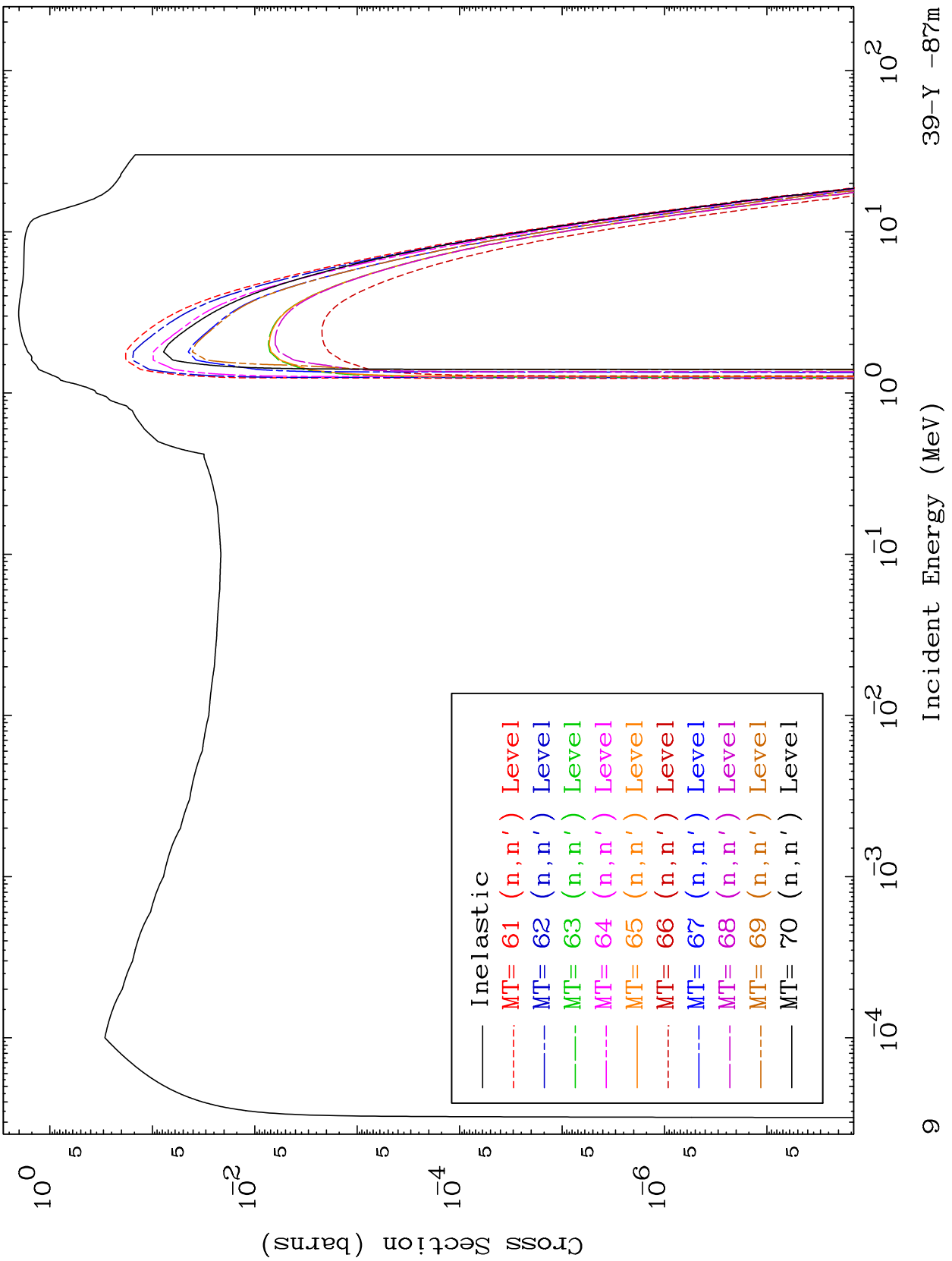
39-Y -87m



MAT 3920

(n,n') Levels
293 Kelvin Cross Sections

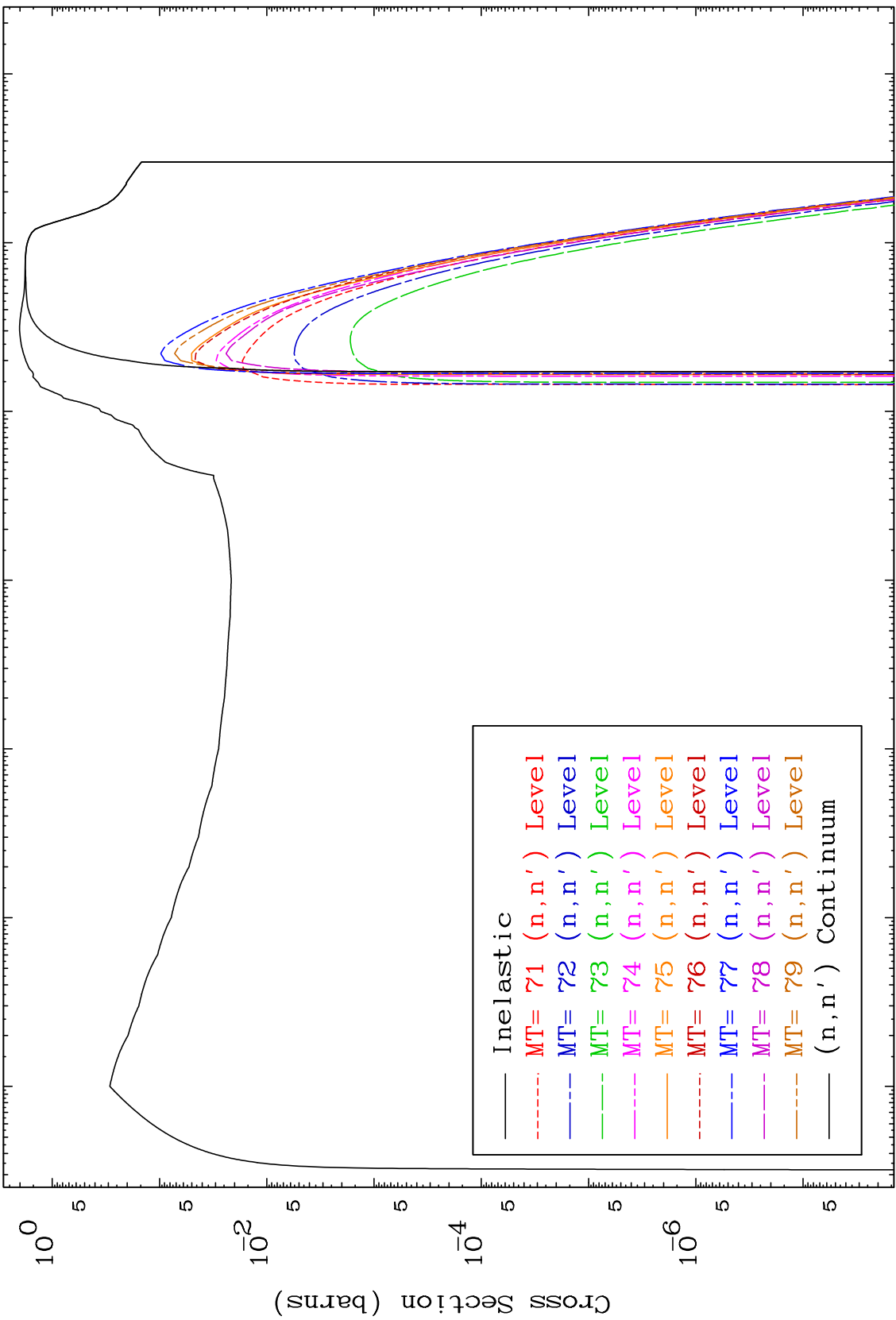
39-Y -87m



MAT 3920

(n,n') Levels
293 Kelvin Cross Sections

39-Y -87m



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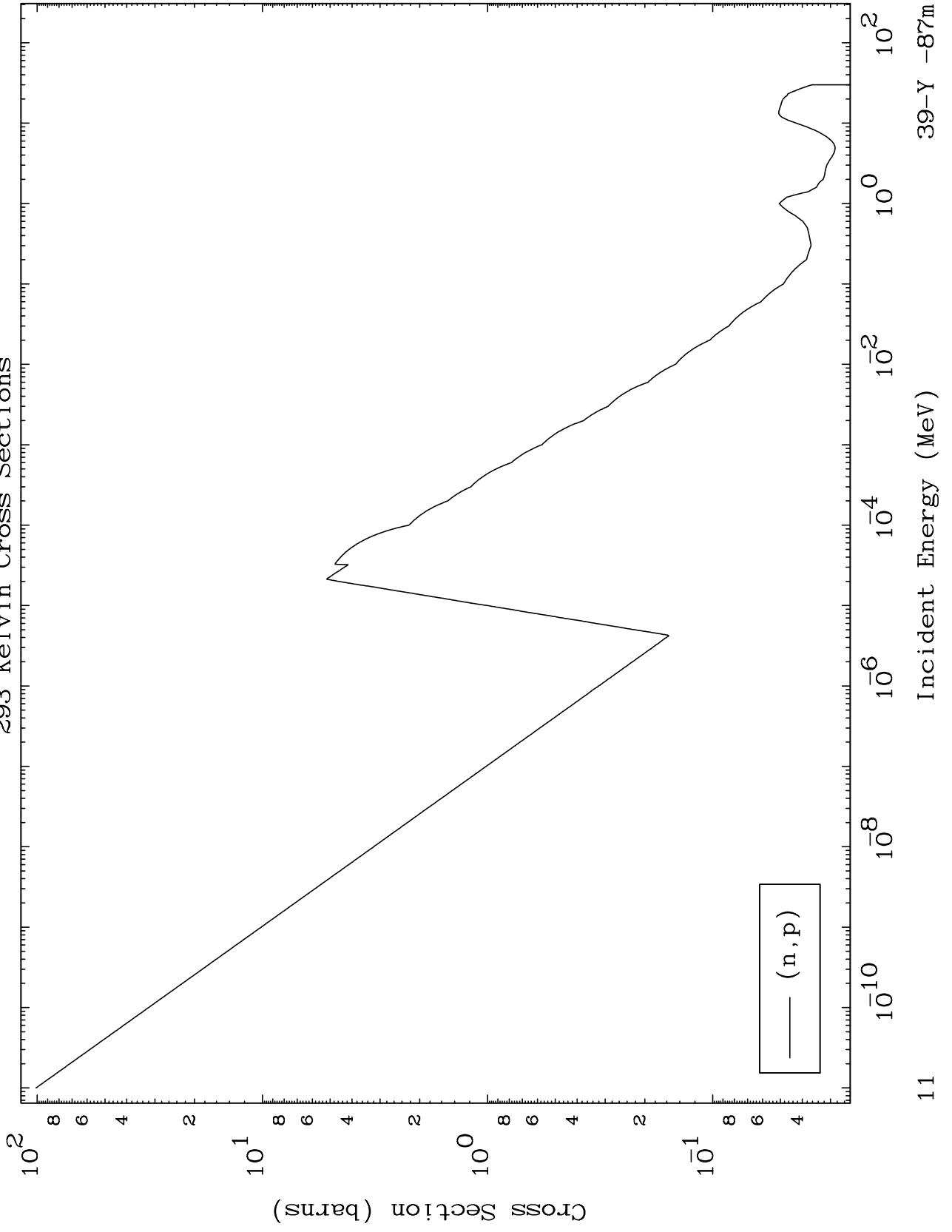
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,p) Levels
293 Kelvin Cross Sections

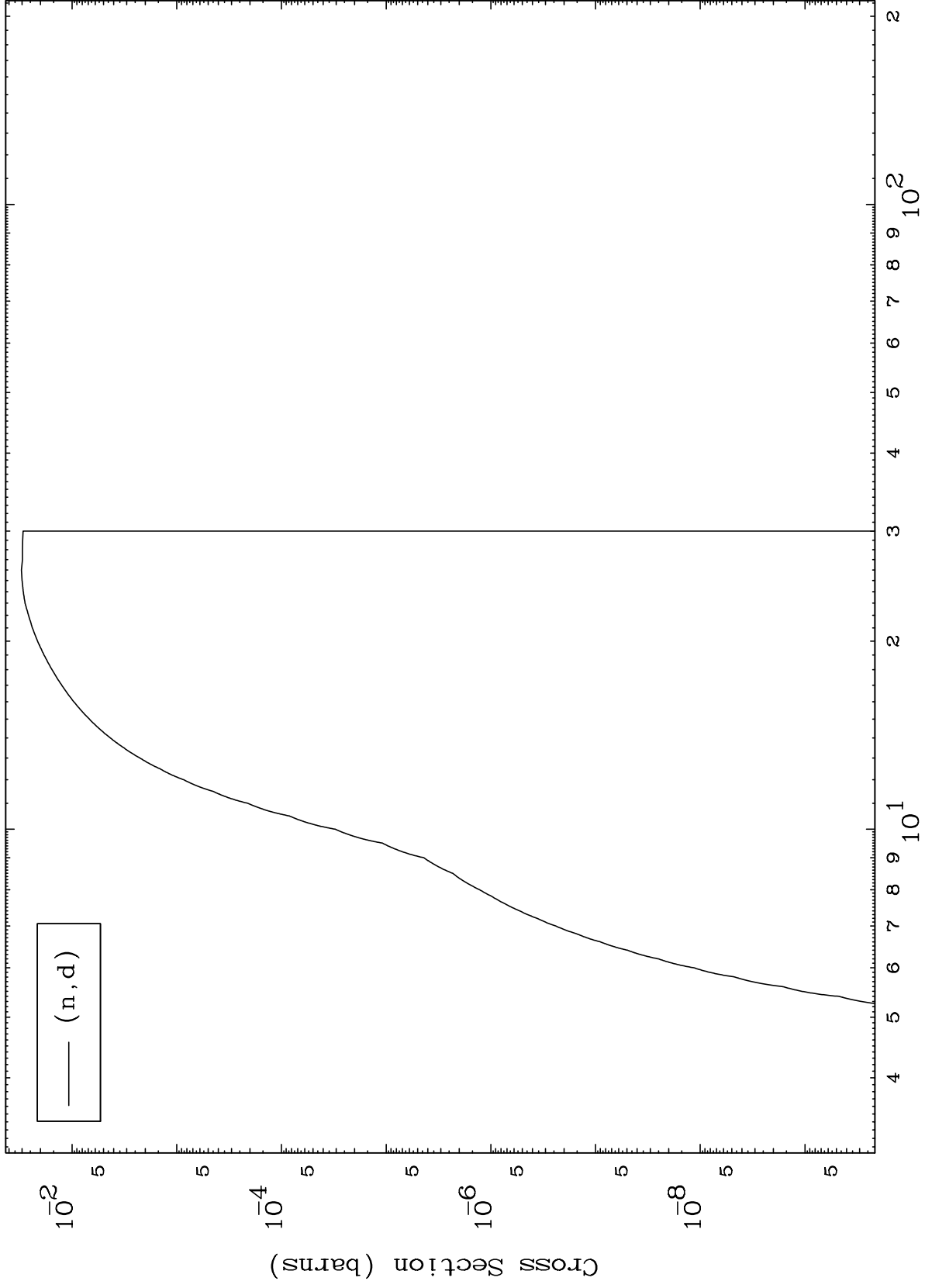
39-Y -87m



MAT 3920

(n,d) Levels
293 Kelvin Cross Sections

39-Y -87m



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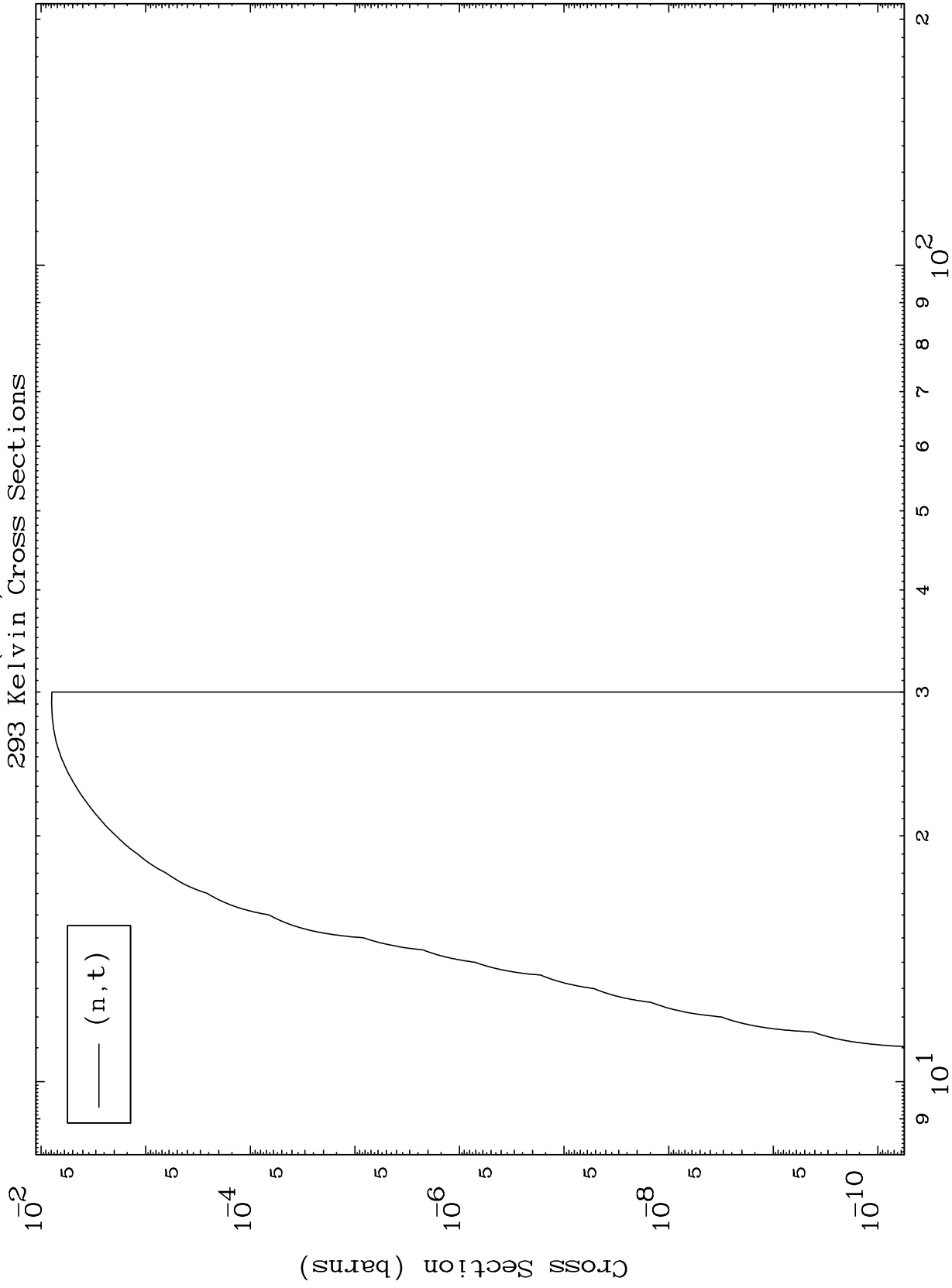
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,t) Levels
293 Kelvin Cross Sections

39-Y -87m



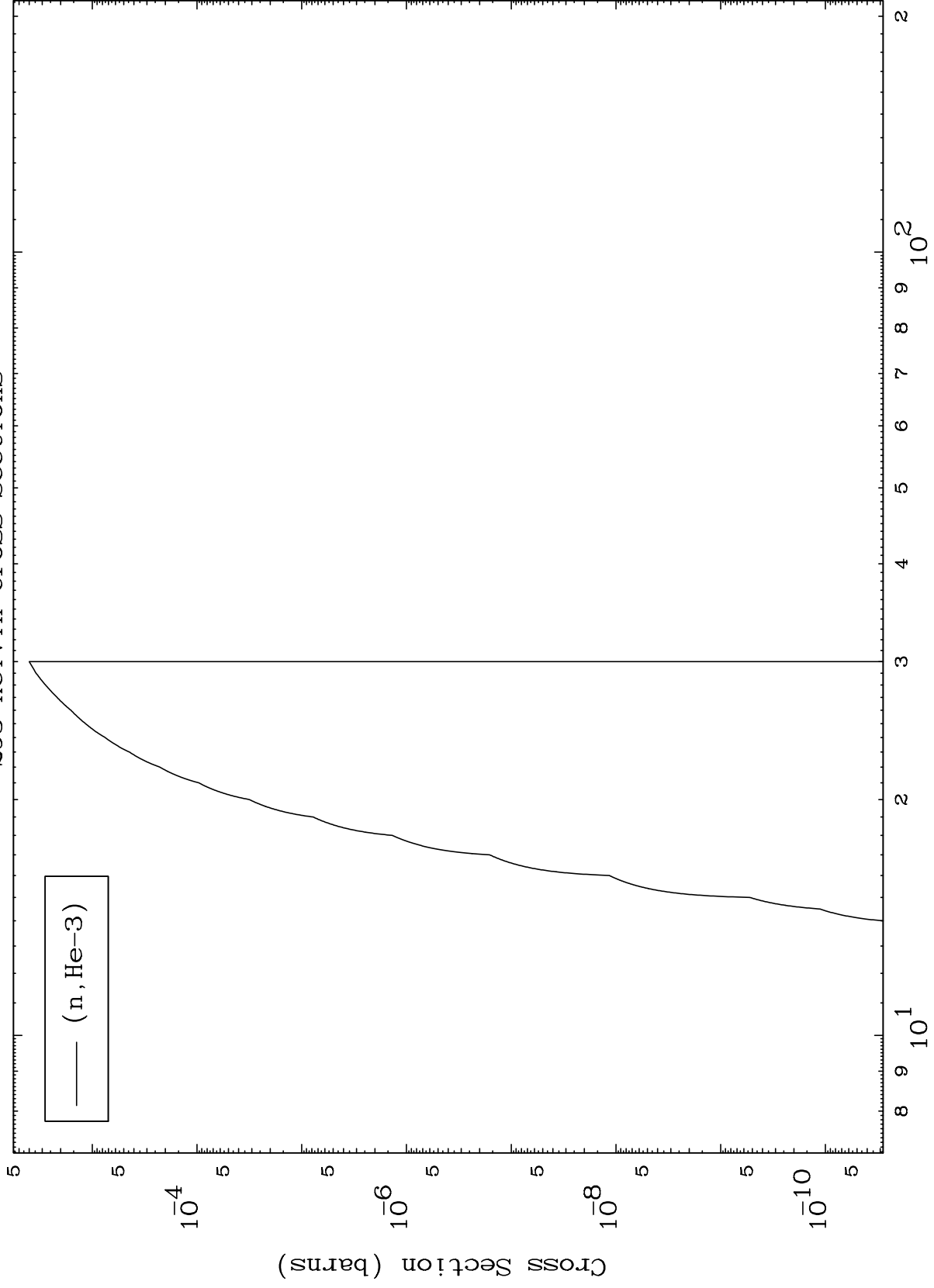
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -87m



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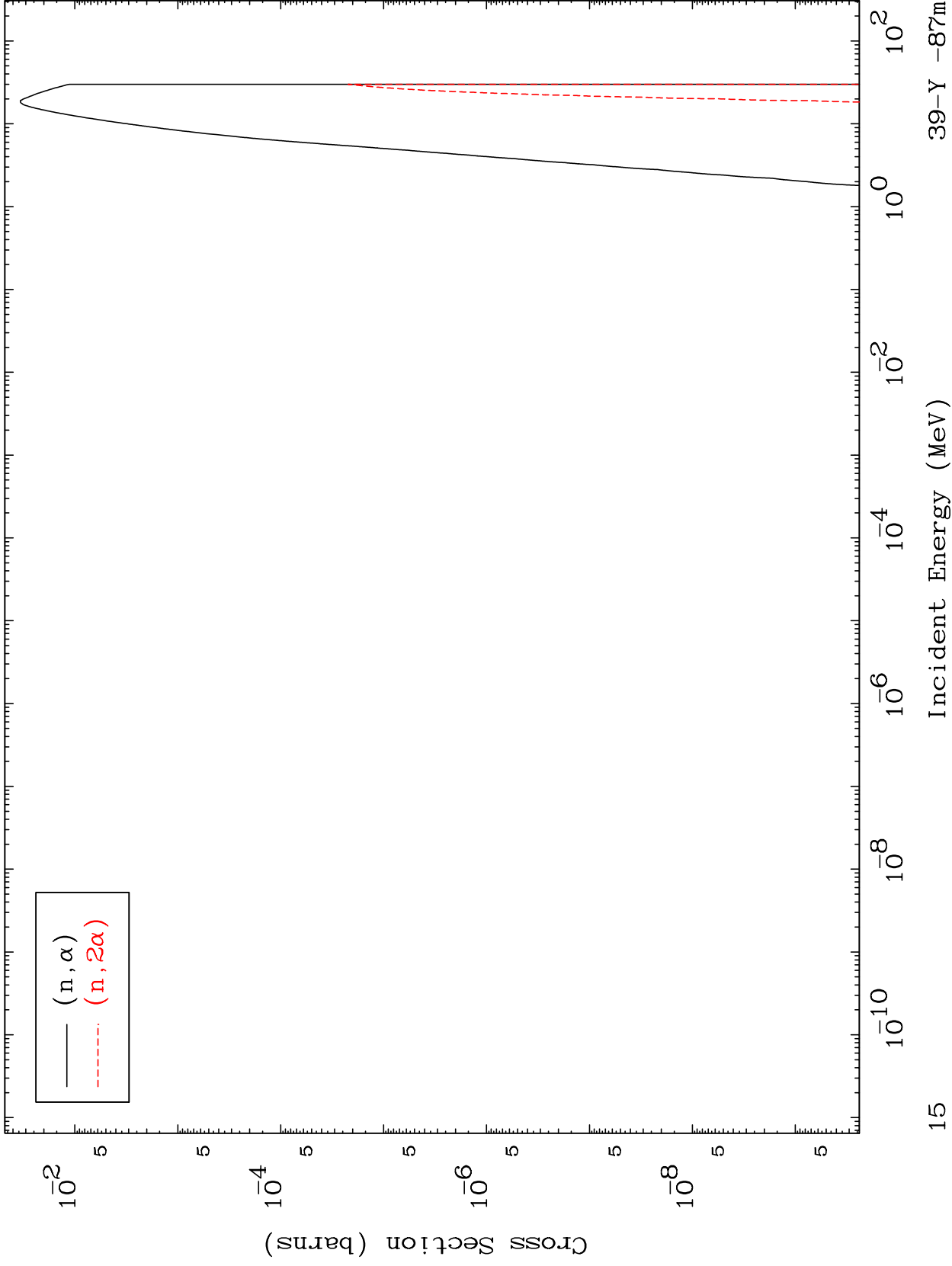
Incident Energy (MeV)

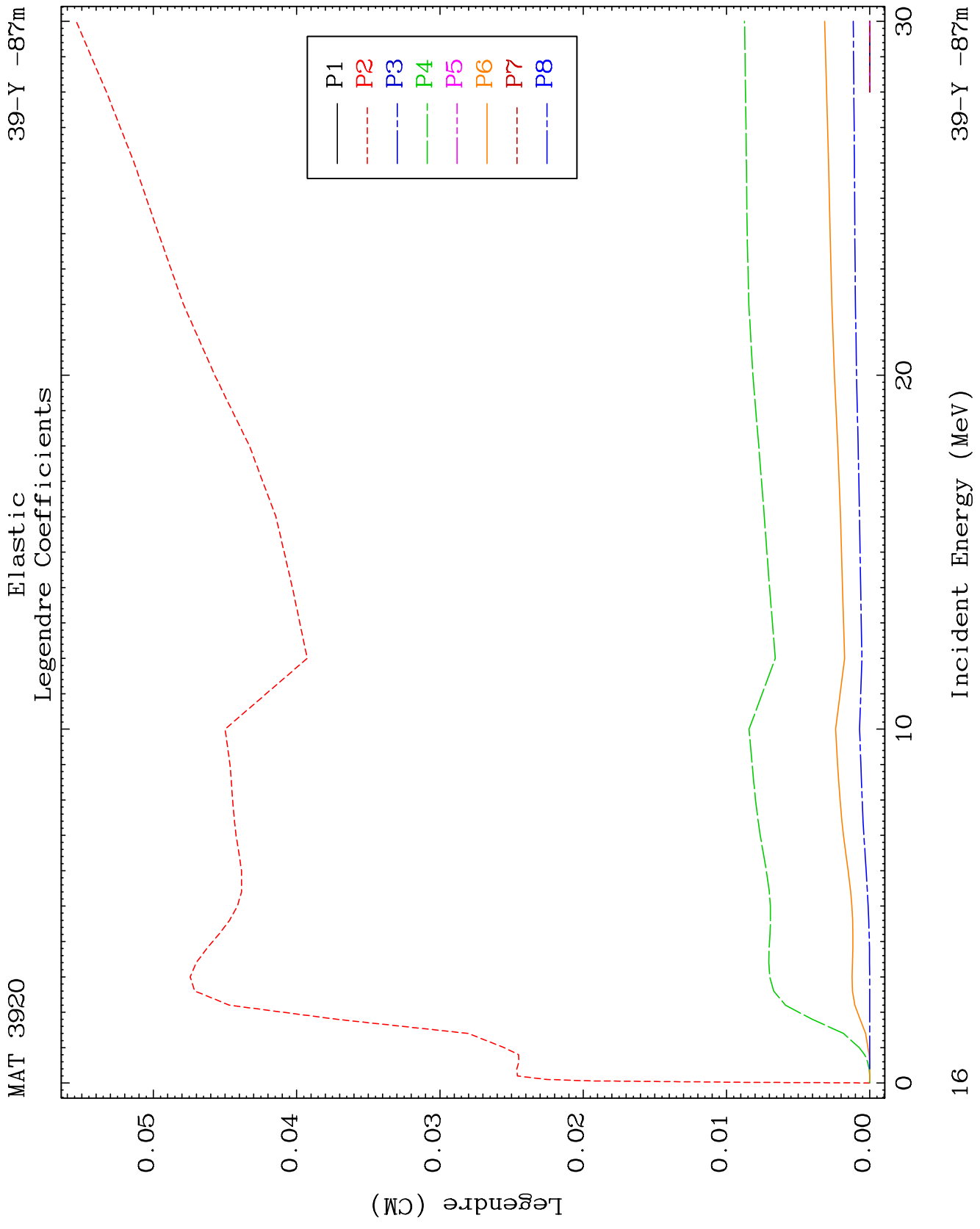
39-Y -87m

MAT 3920

(n, α) Levels
293 Kelvin Cross Sections

39-Y -87m





MAT 3920

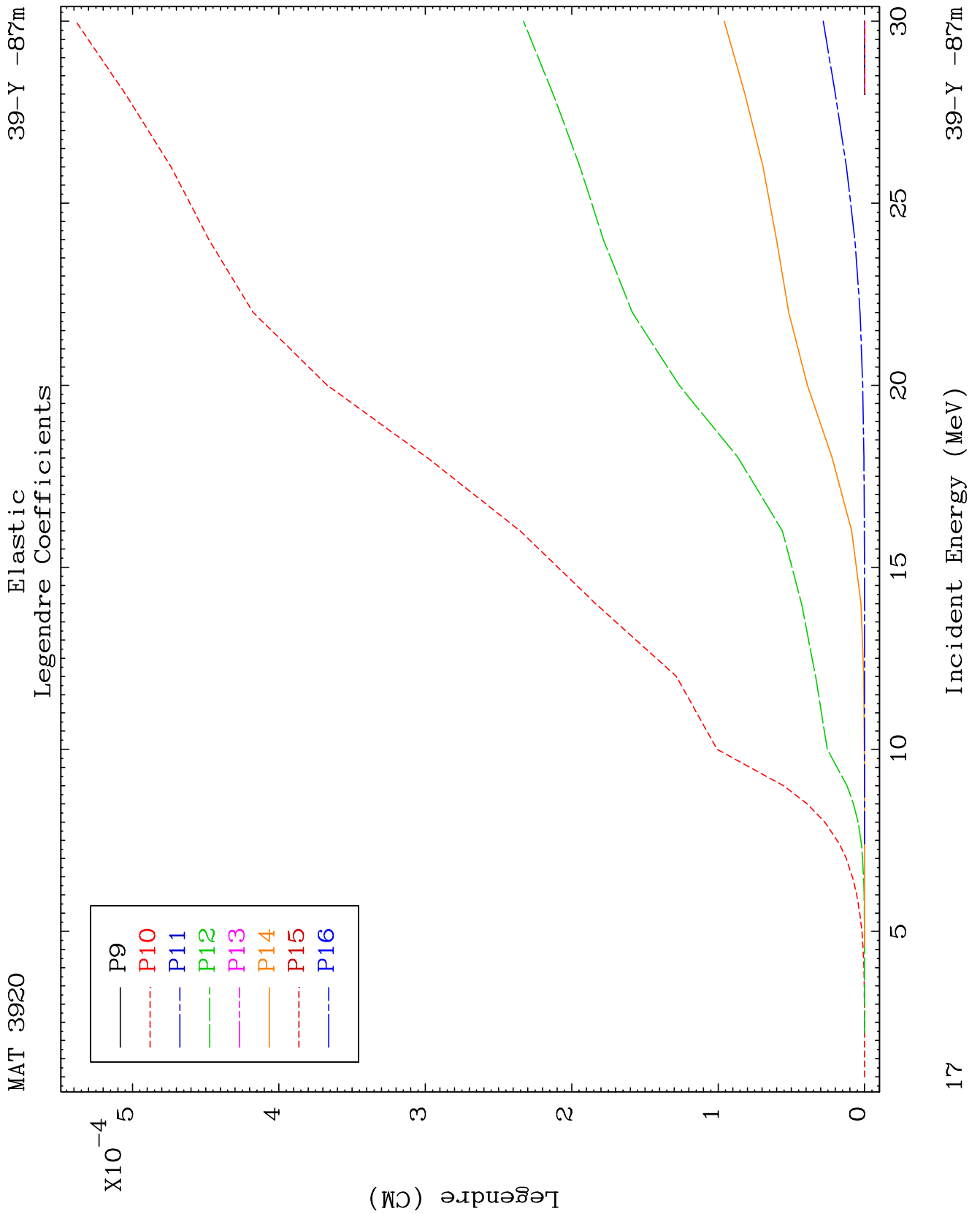
Elastic Legendre Coefficients

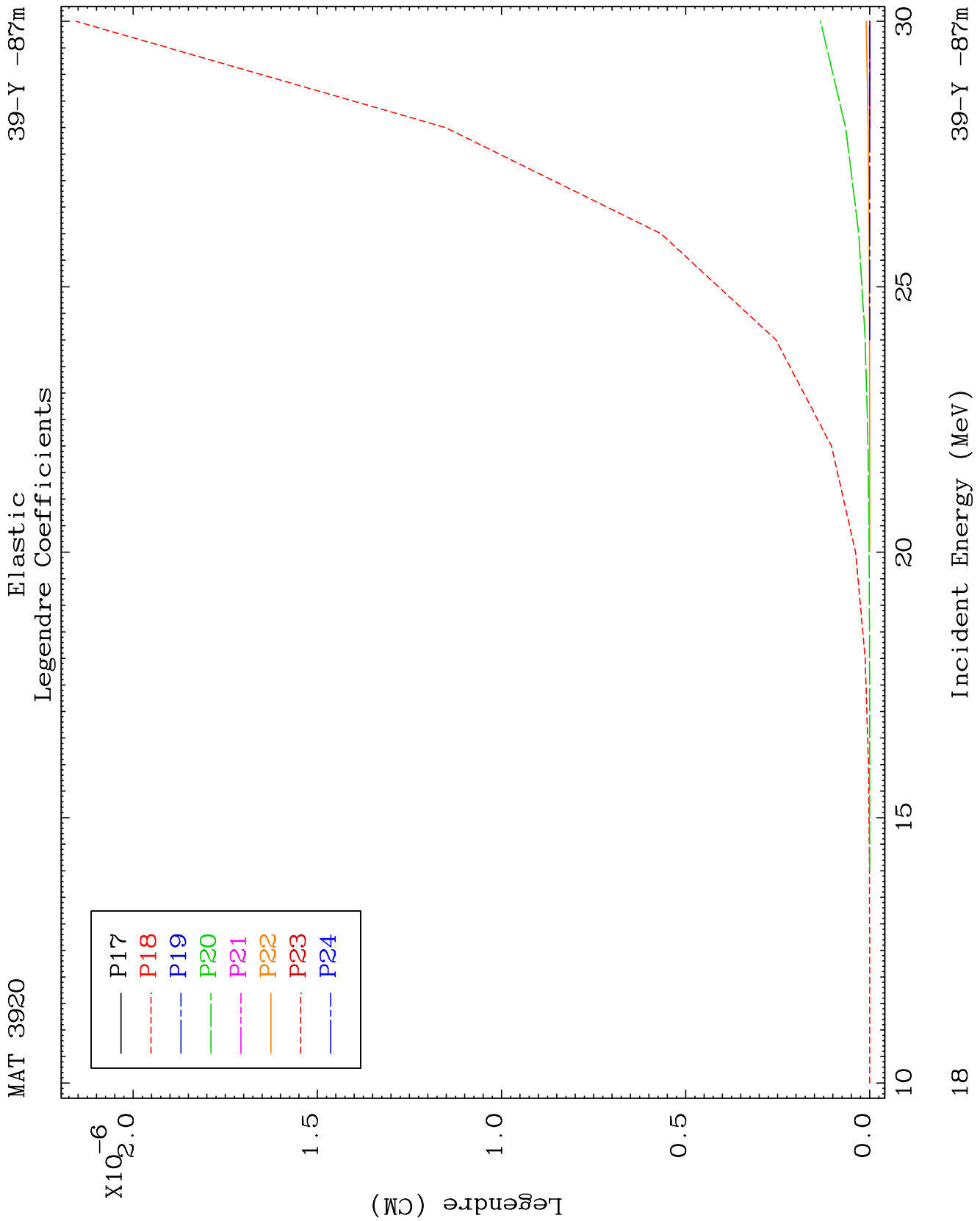
39-Y -87m

16

Incident Energy (MeV)

39-Y -87m

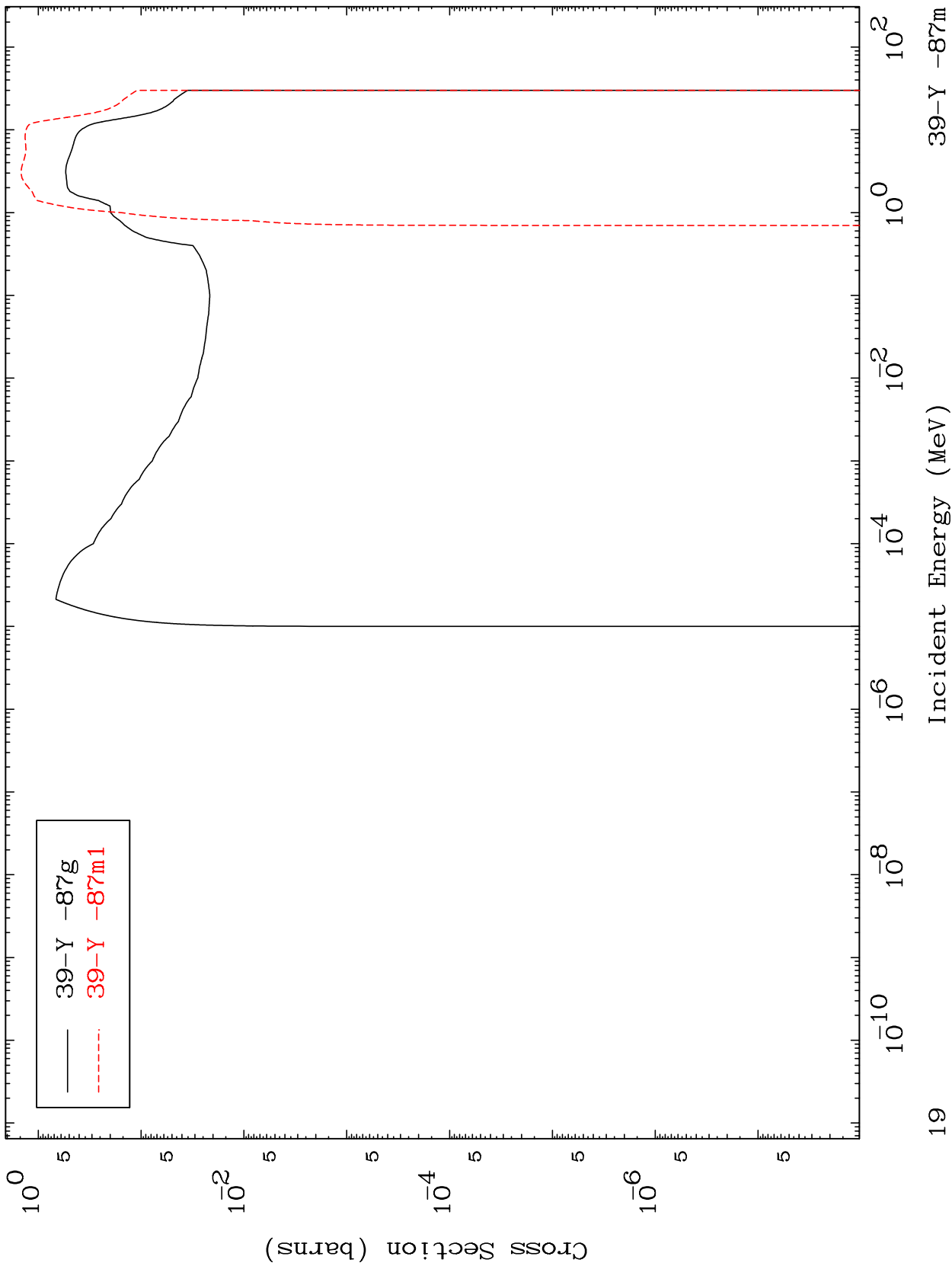




MAT 3920

39-Y -87m

Inelastic
Radionuclide Production Cross Section

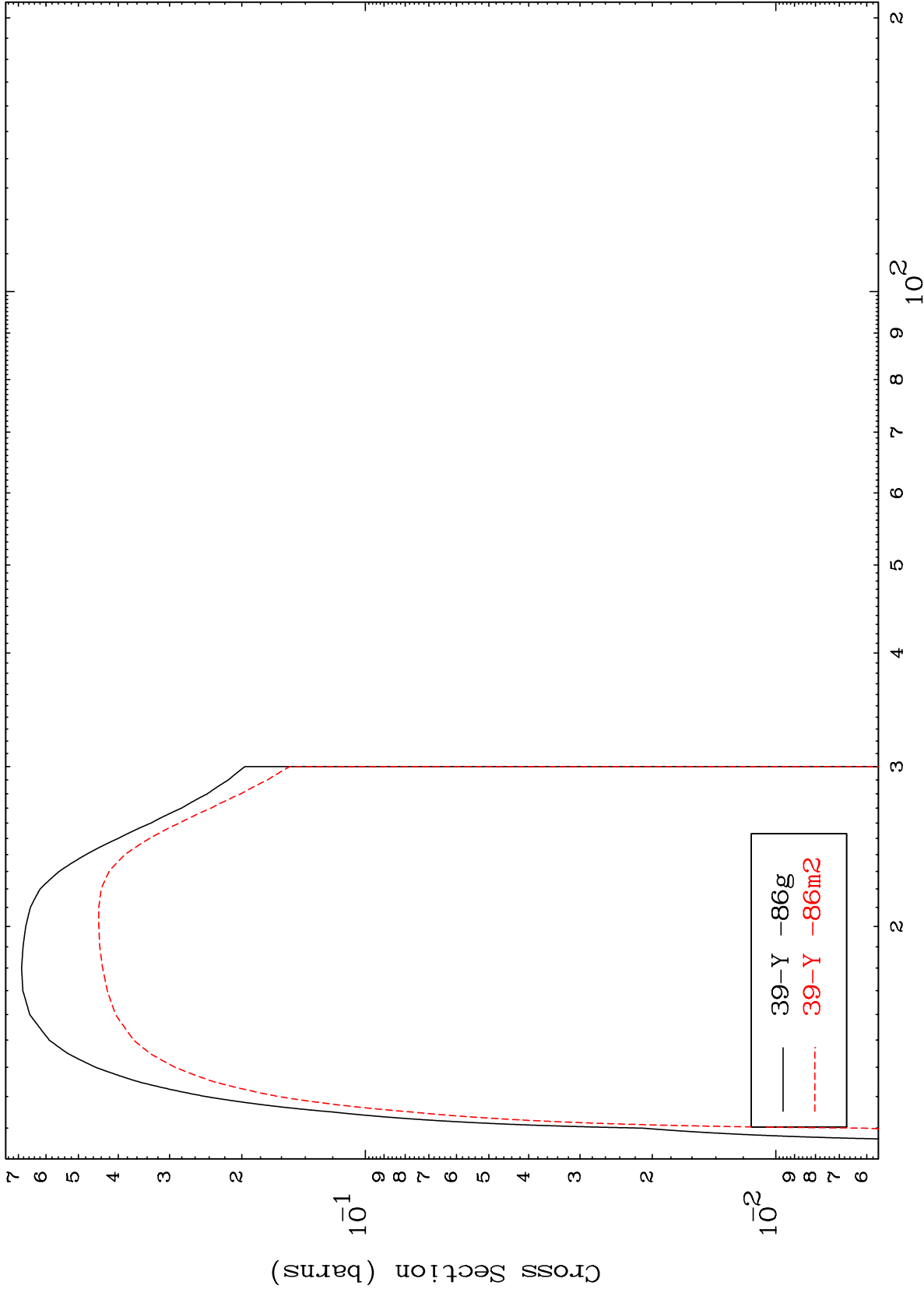


MAT 3920

(n,2n)

39-Y -87m

Radionuclide Production Cross Section



20

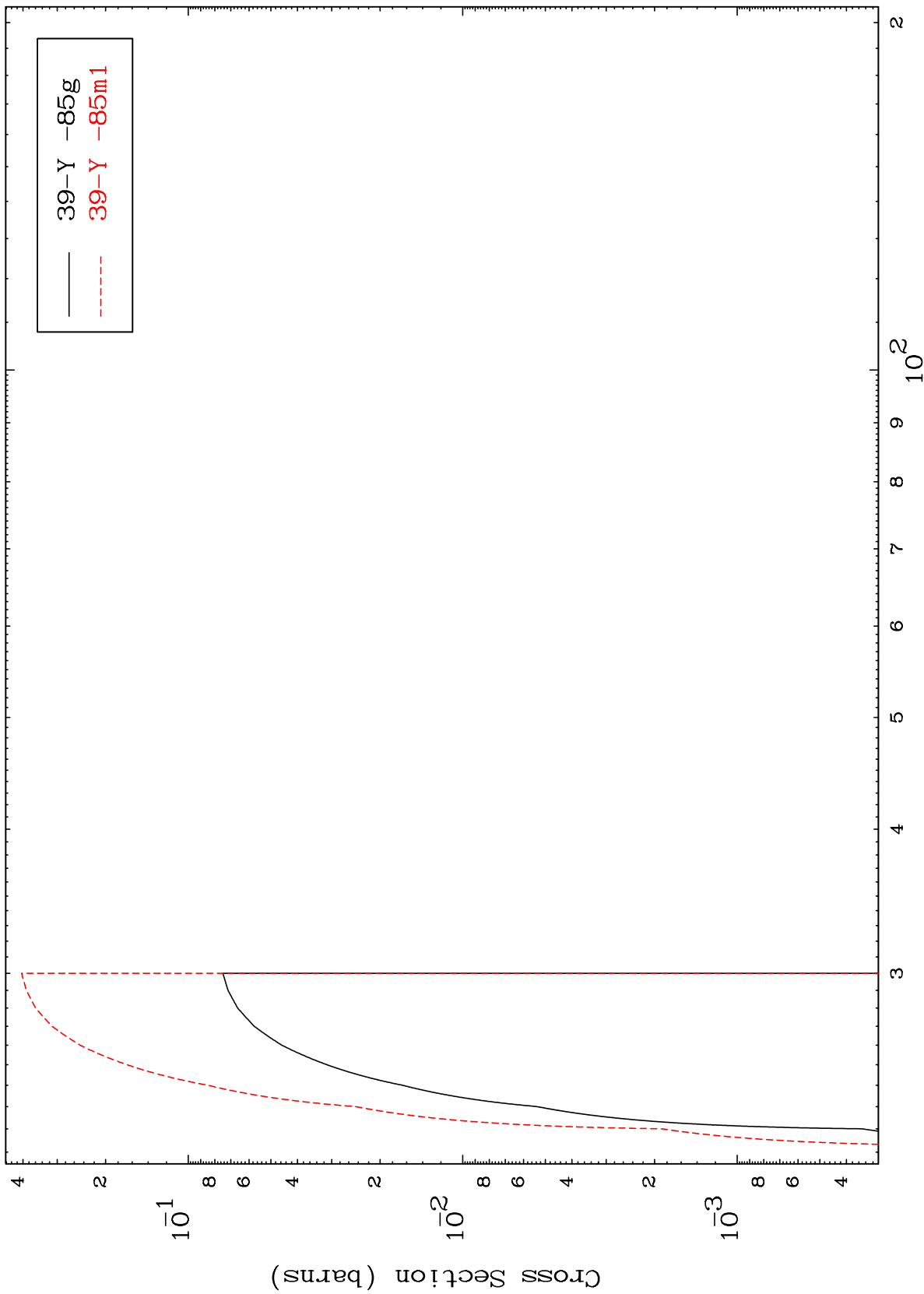
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

(n,3n)
Radionuclide Production Cross Section

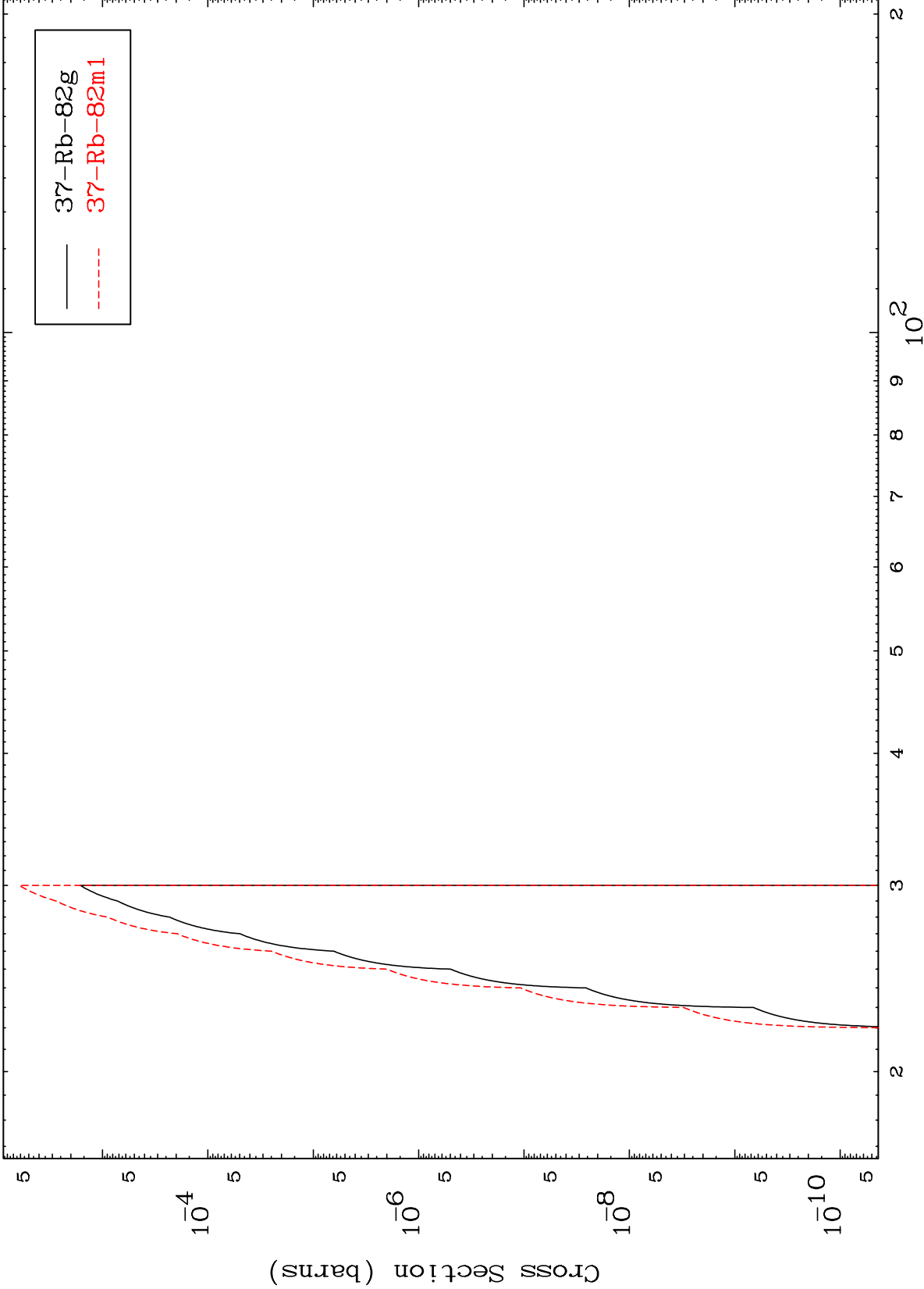


39-Y -87m

Incident Energy (MeV)

21

Radionuclide Production Cross Section



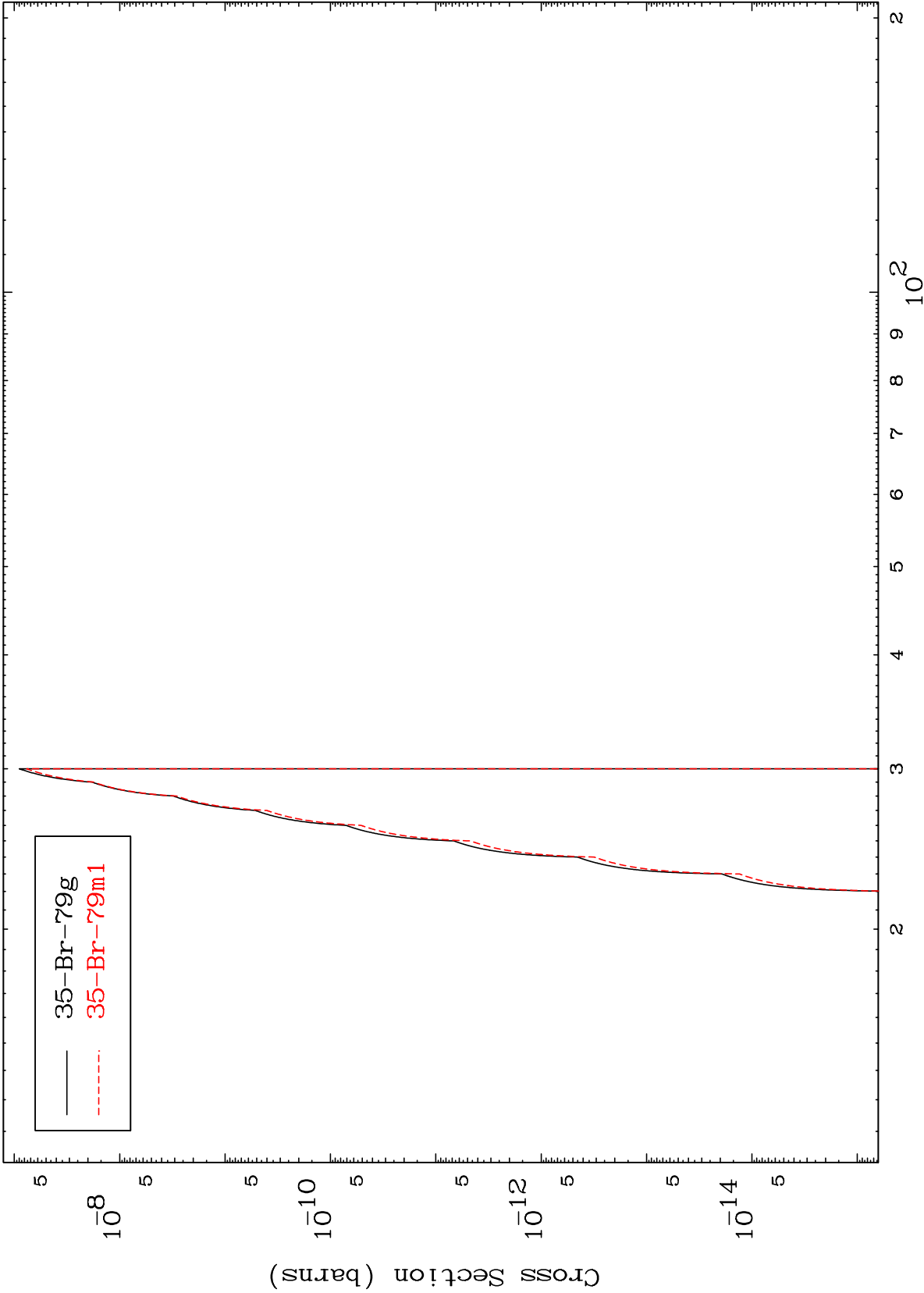
— 37-Rb-82g
- - - 37-Rb-82m1

MAT 3920

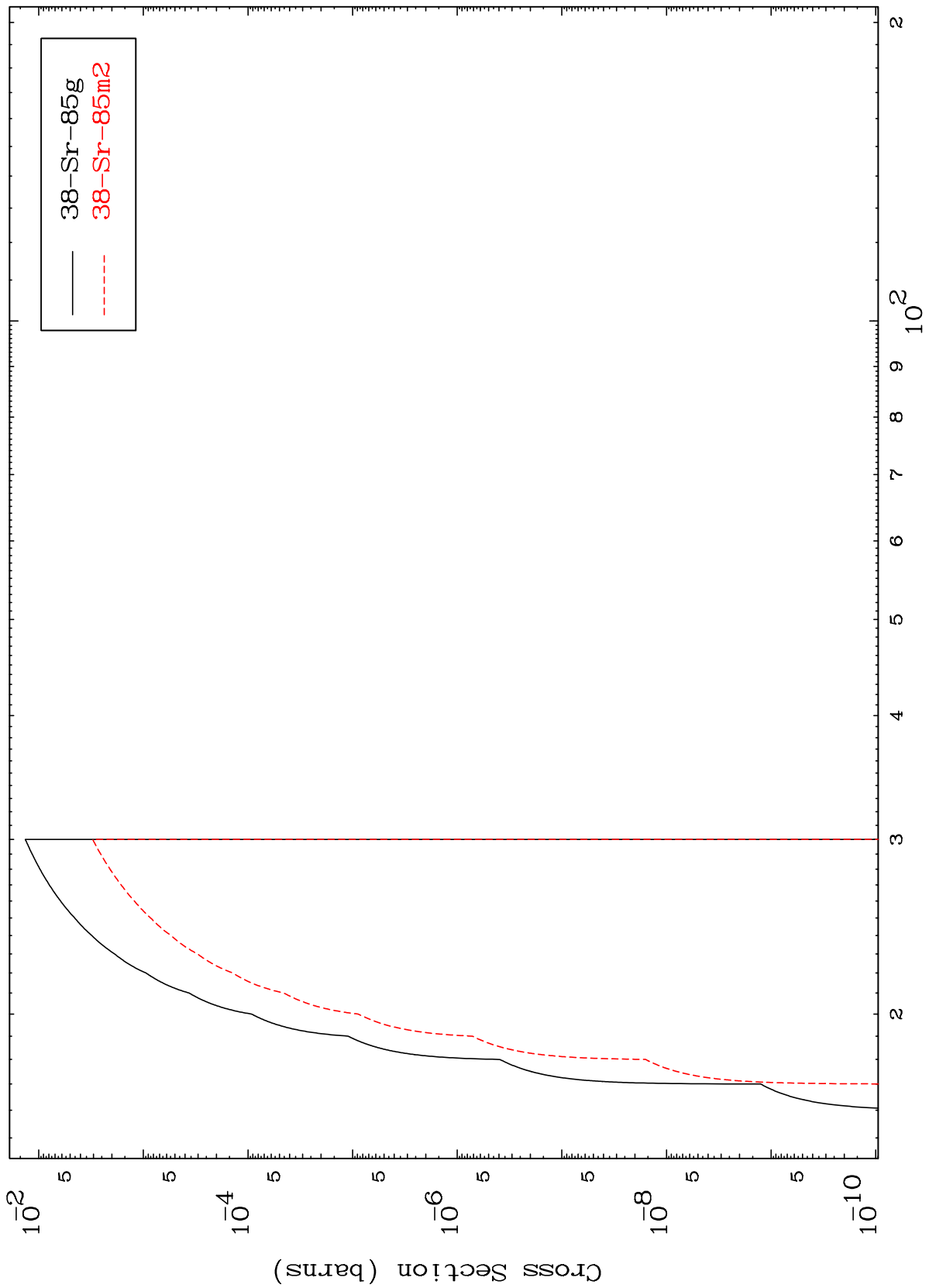
(n,n') 2α

39-Y -87m

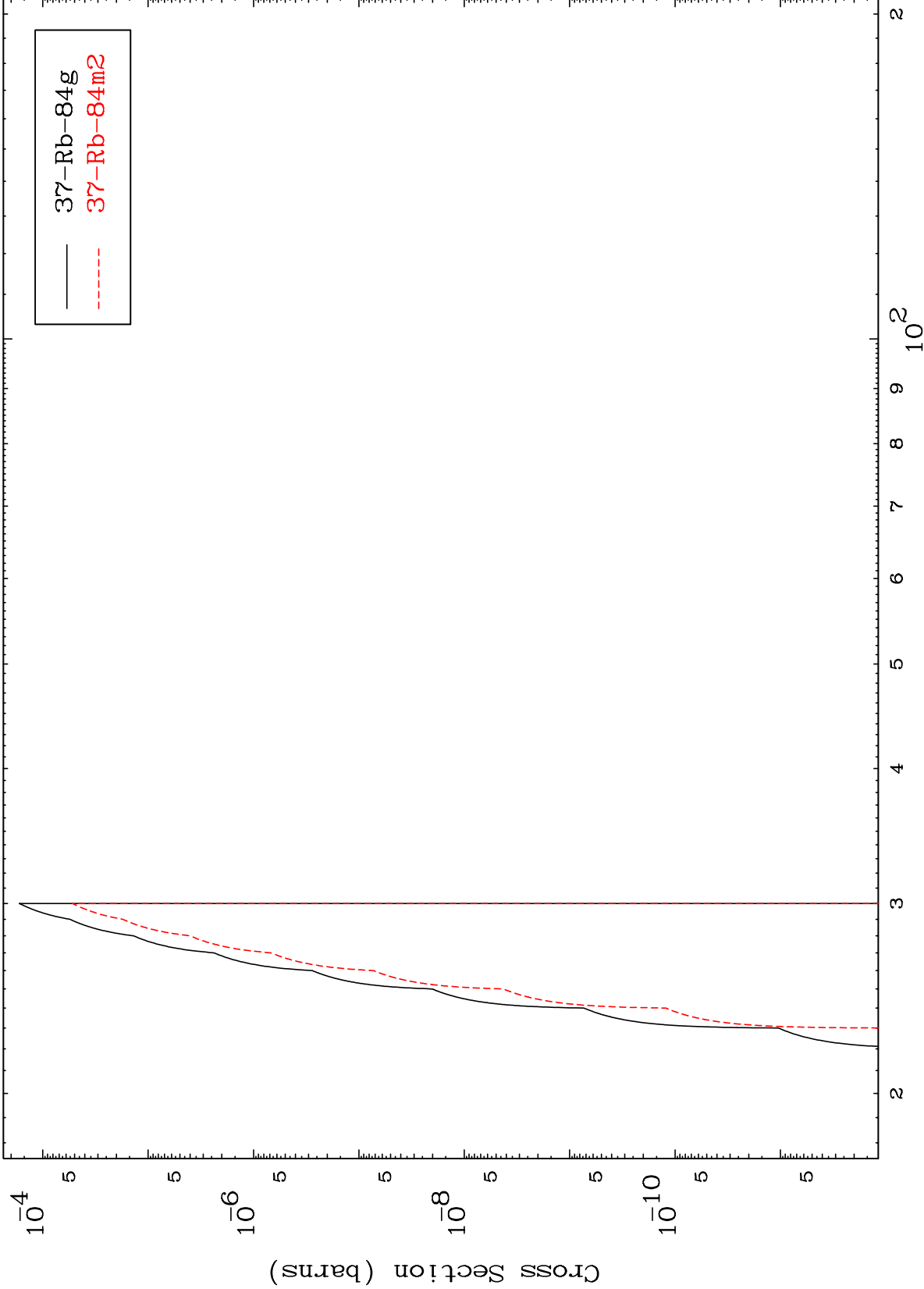
Radionuclide Production Cross Section



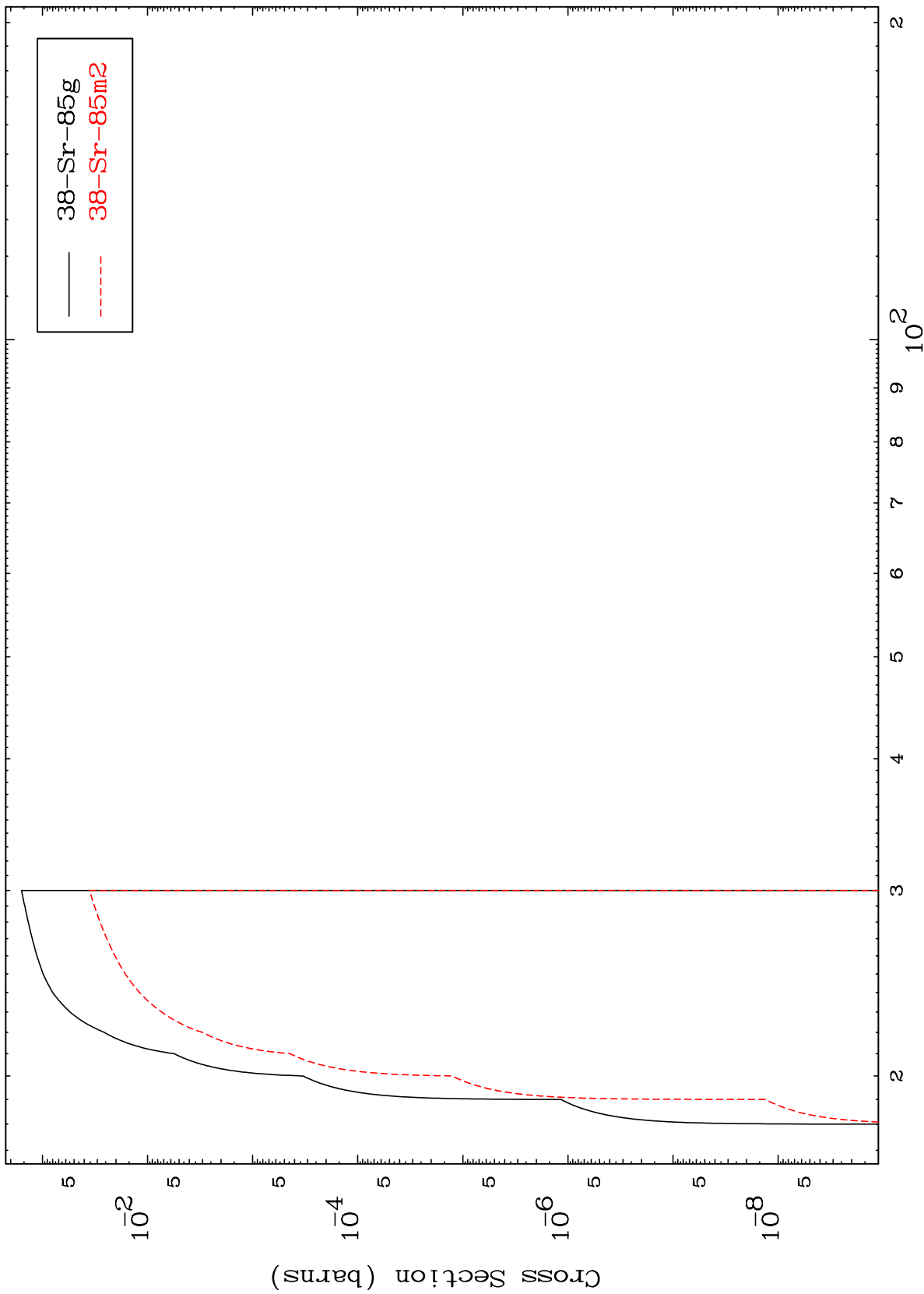
Radionuclide Production Cross Section



Radionuclide Production Cross Section



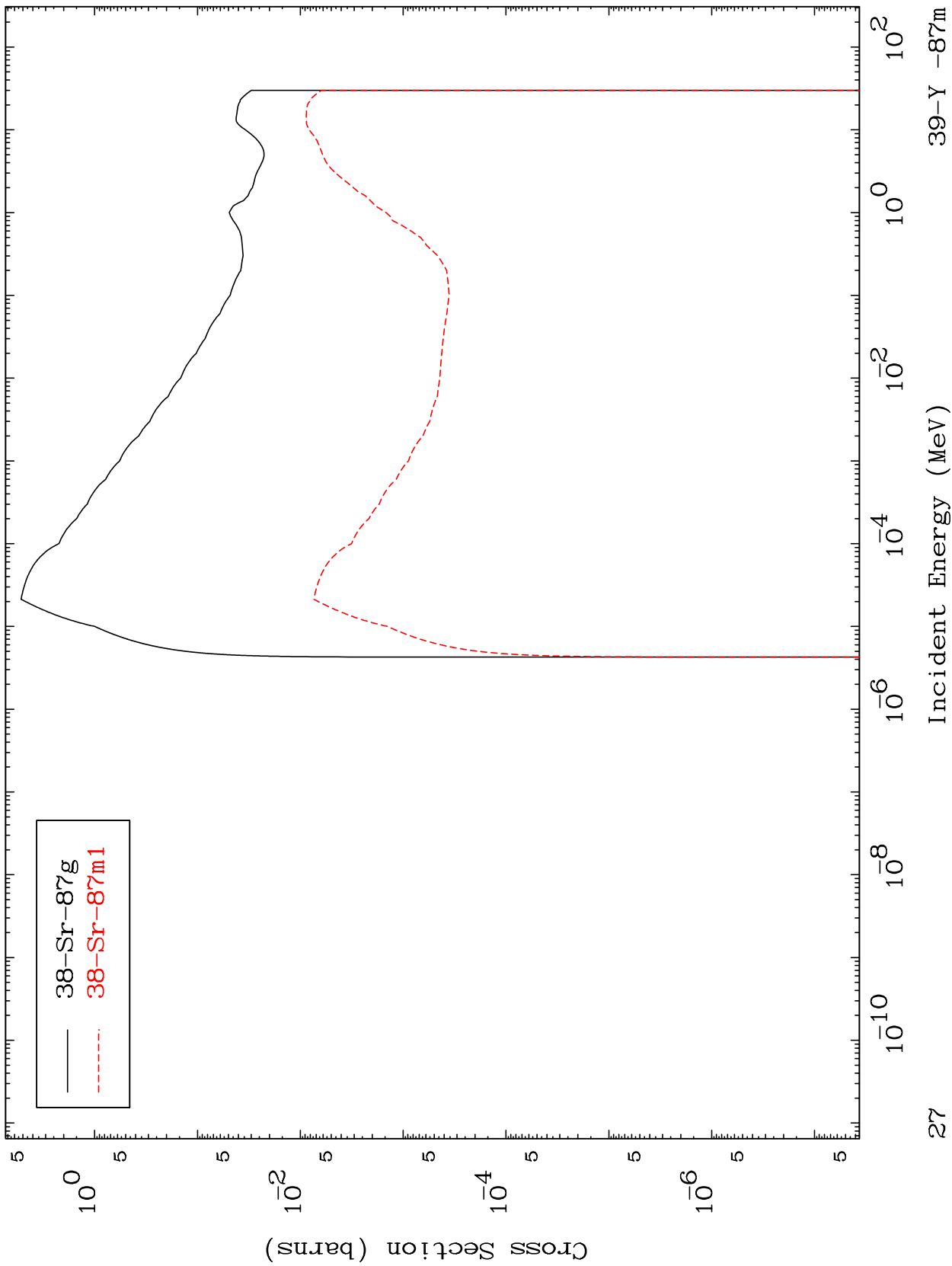
Radionuclide Production Cross Section



MAT 3920

39-Y -87m

Radionuclide Production Cross Section



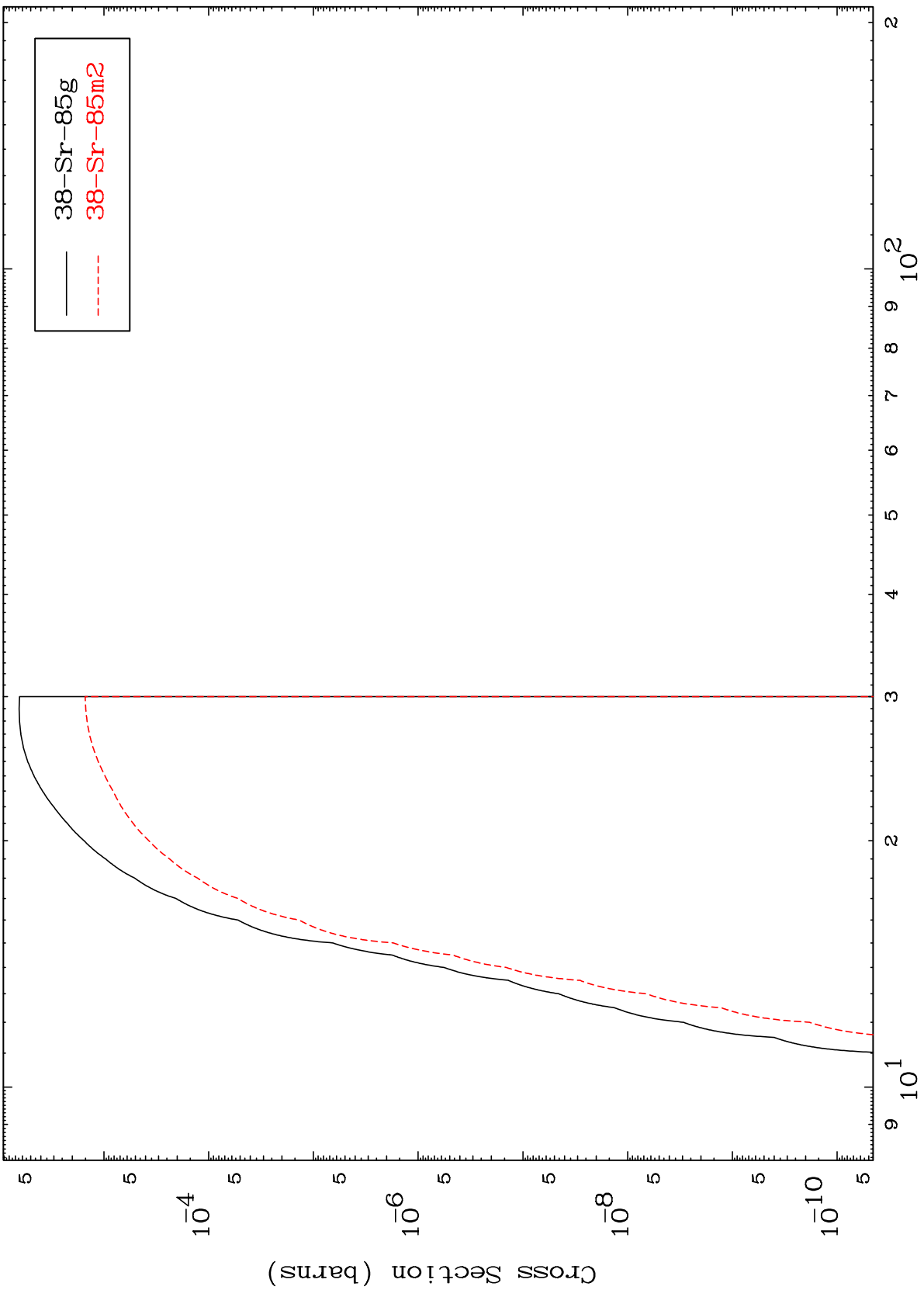
38-Sr-87g
38-Sr-87m1

MAT 3920

(n, t)

39-Y -87m

Radionuclide Production Cross Section



28

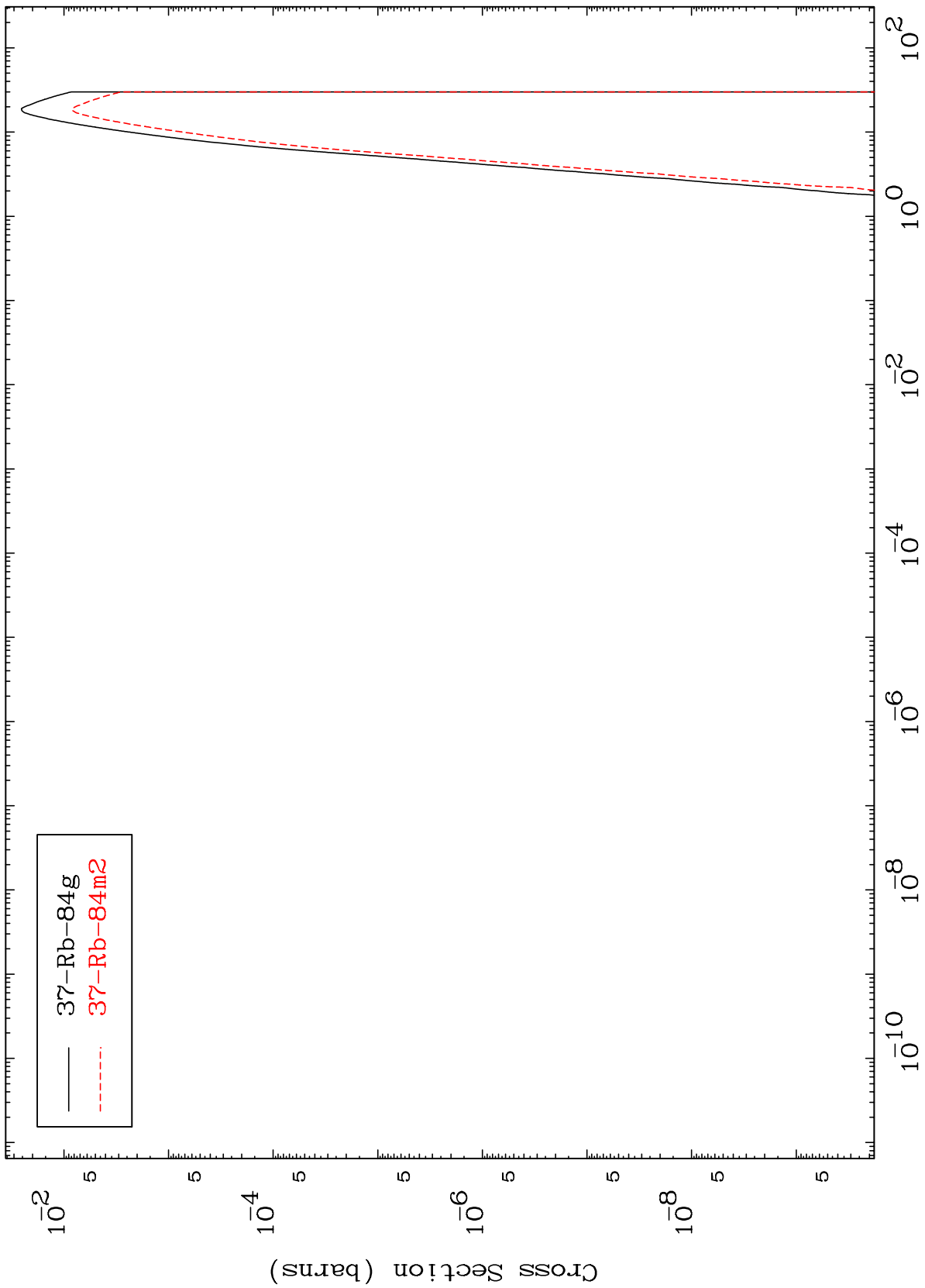
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section
(n, α)



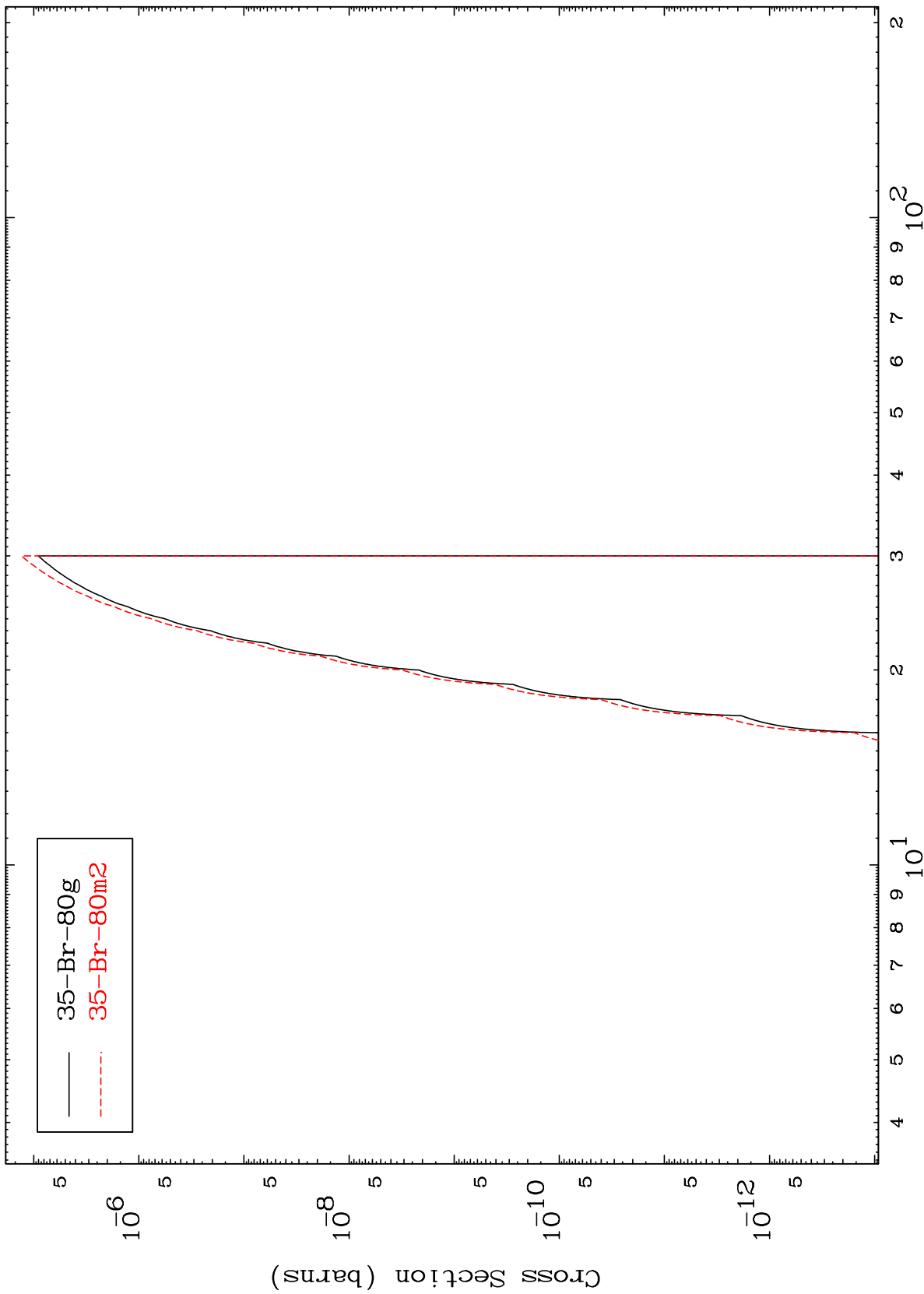
29

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section
(n,2α)



30

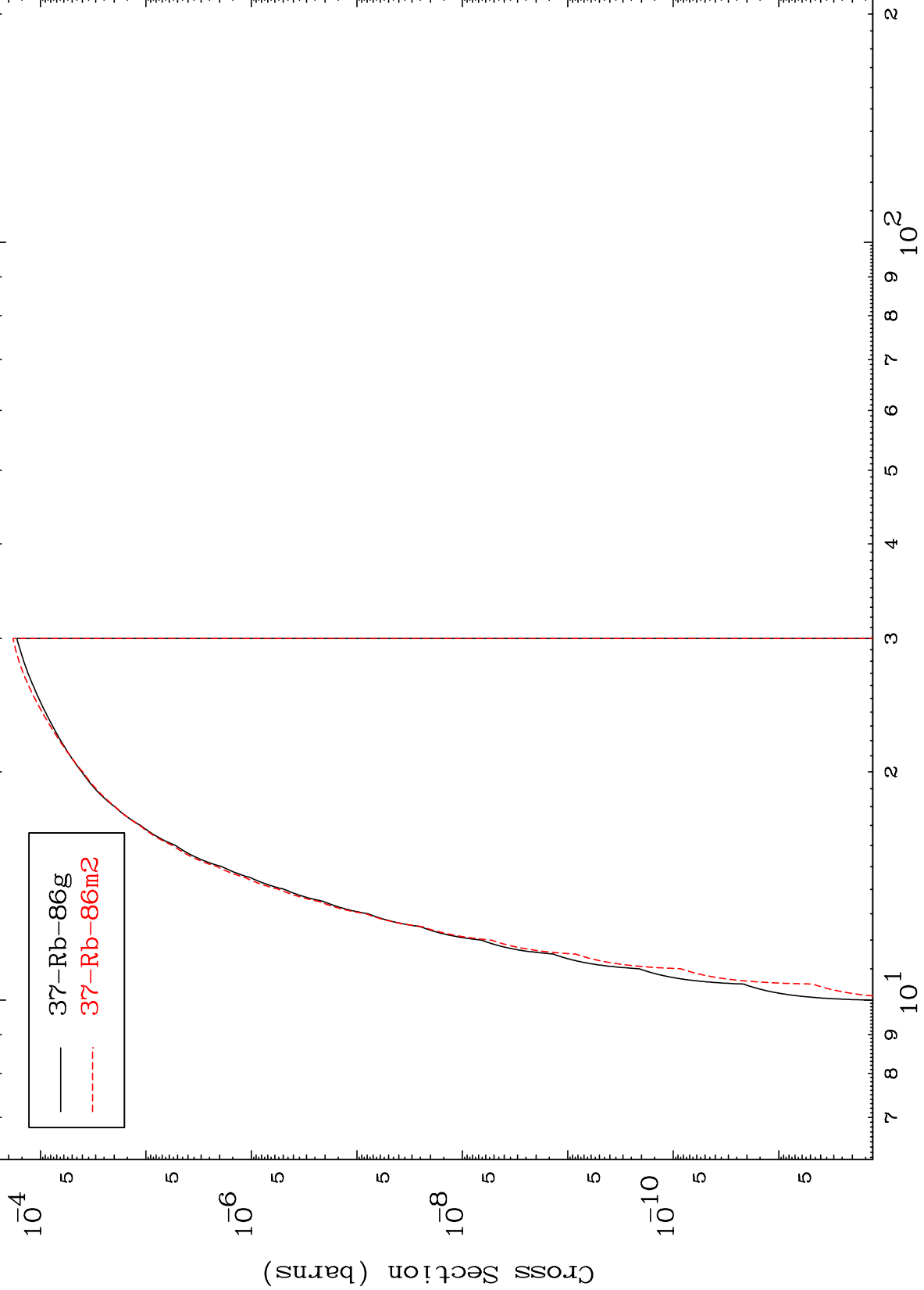
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section
(n,2p)



31

Incident Energy (MeV)

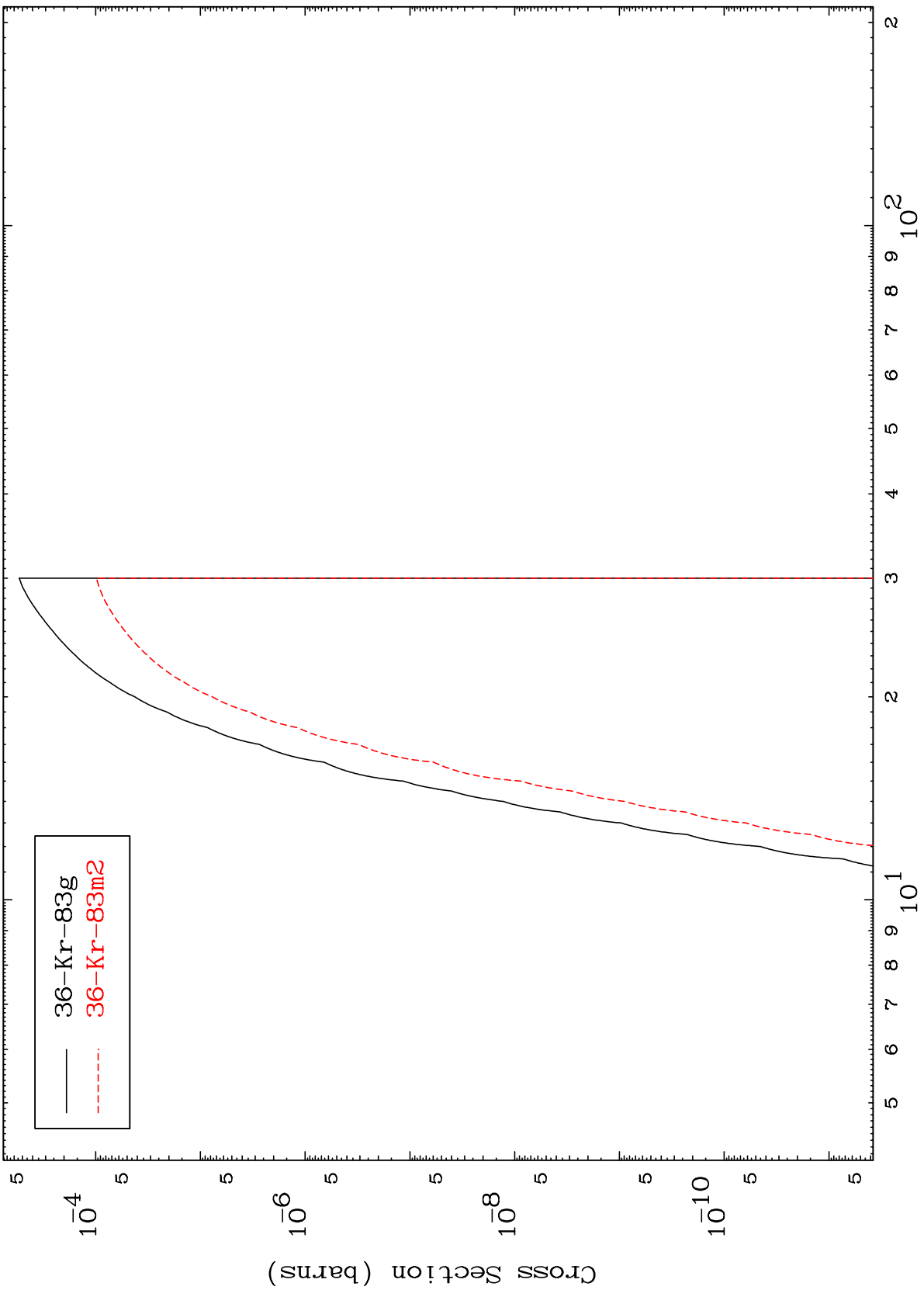
39-Y -87m

MAT 3920

(n,p) α

39-Y -87m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

39-Y -87m

