

Program EVALPLOT
(Version 2018-1)

by

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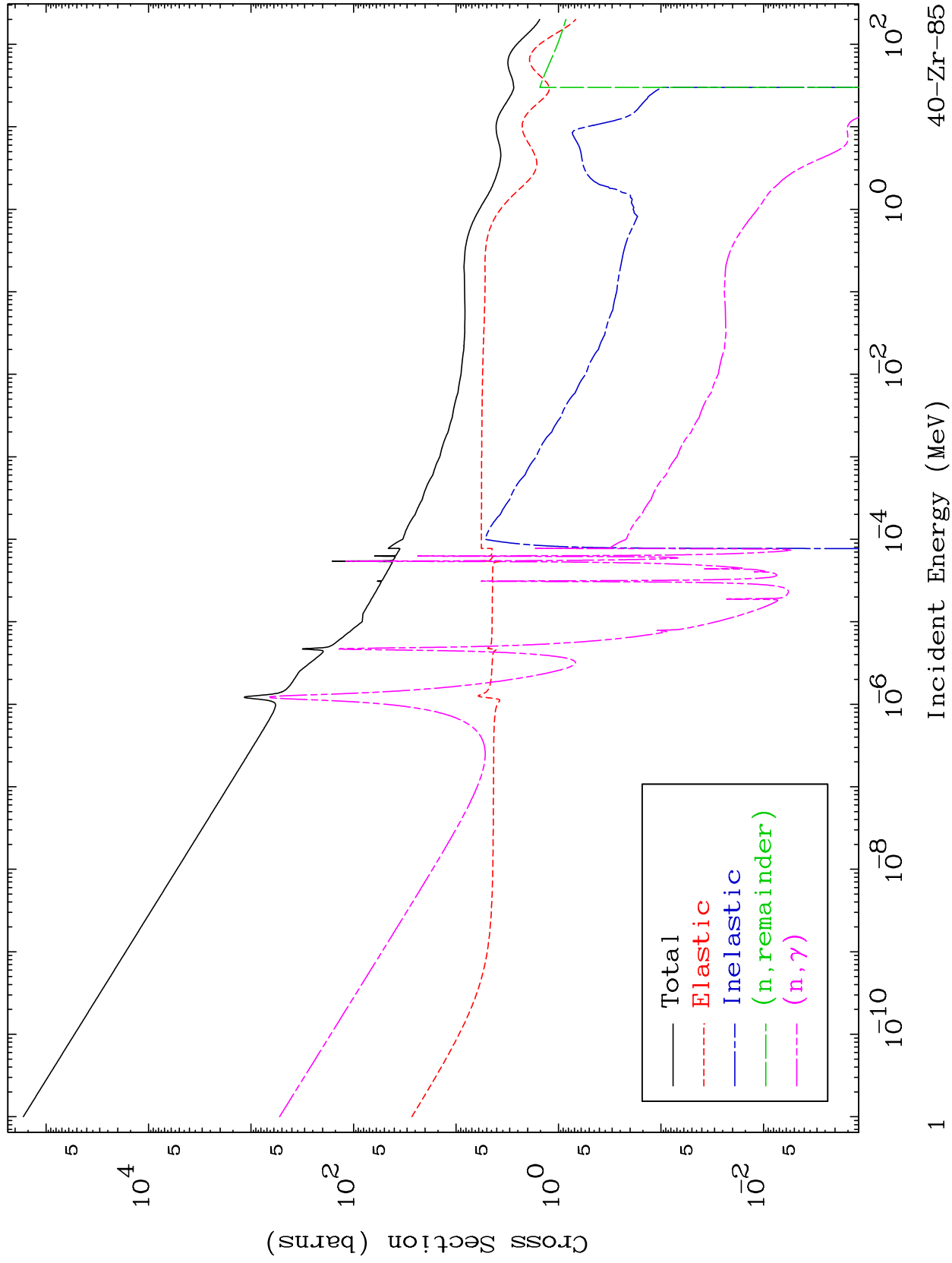
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4011

Major
293 Kelvin Cross Sections

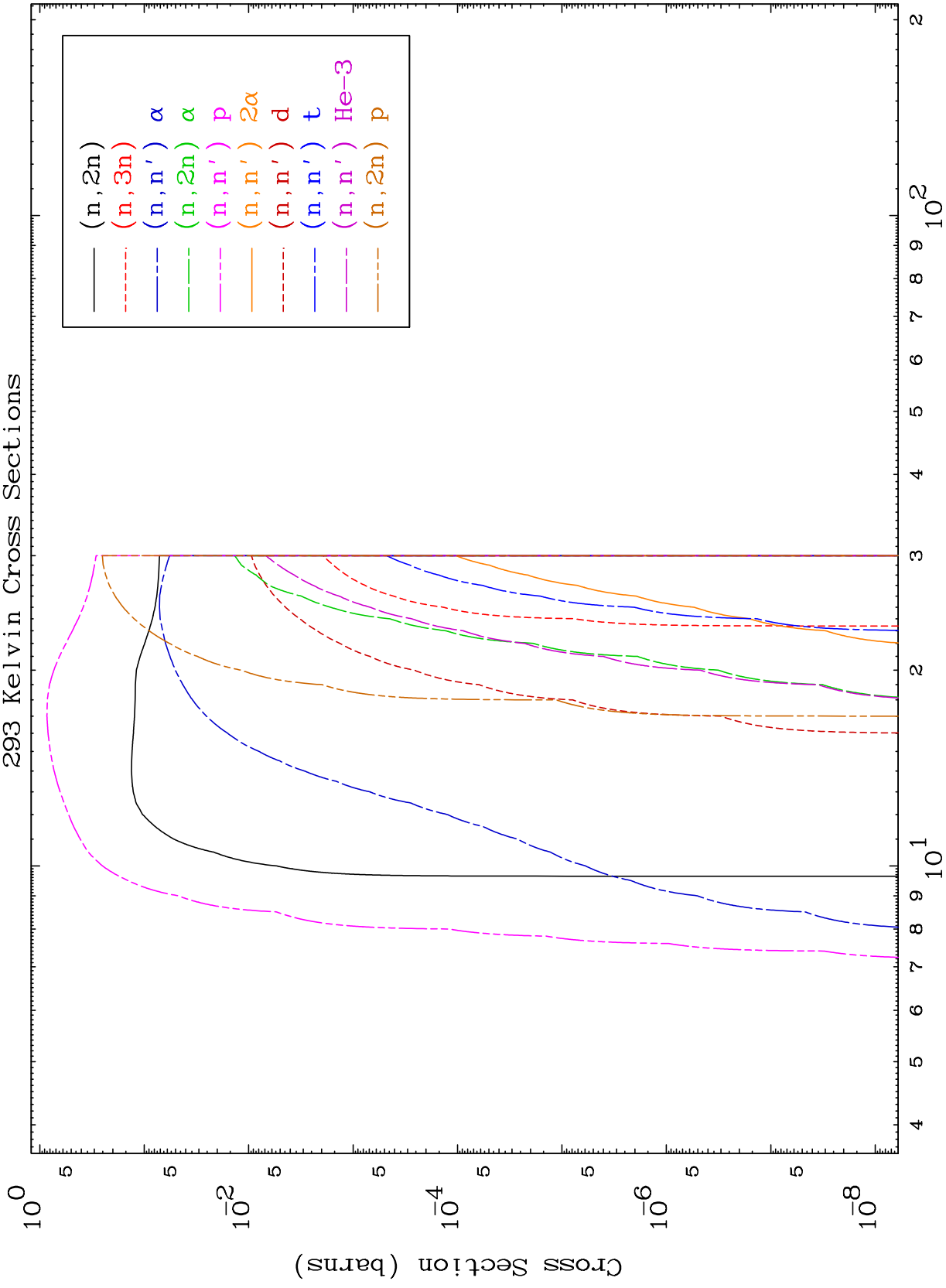
40-Zr-85



MAT 4011

Neutron Production
293 Kelvin Cross Sections

40-Zr-85



2

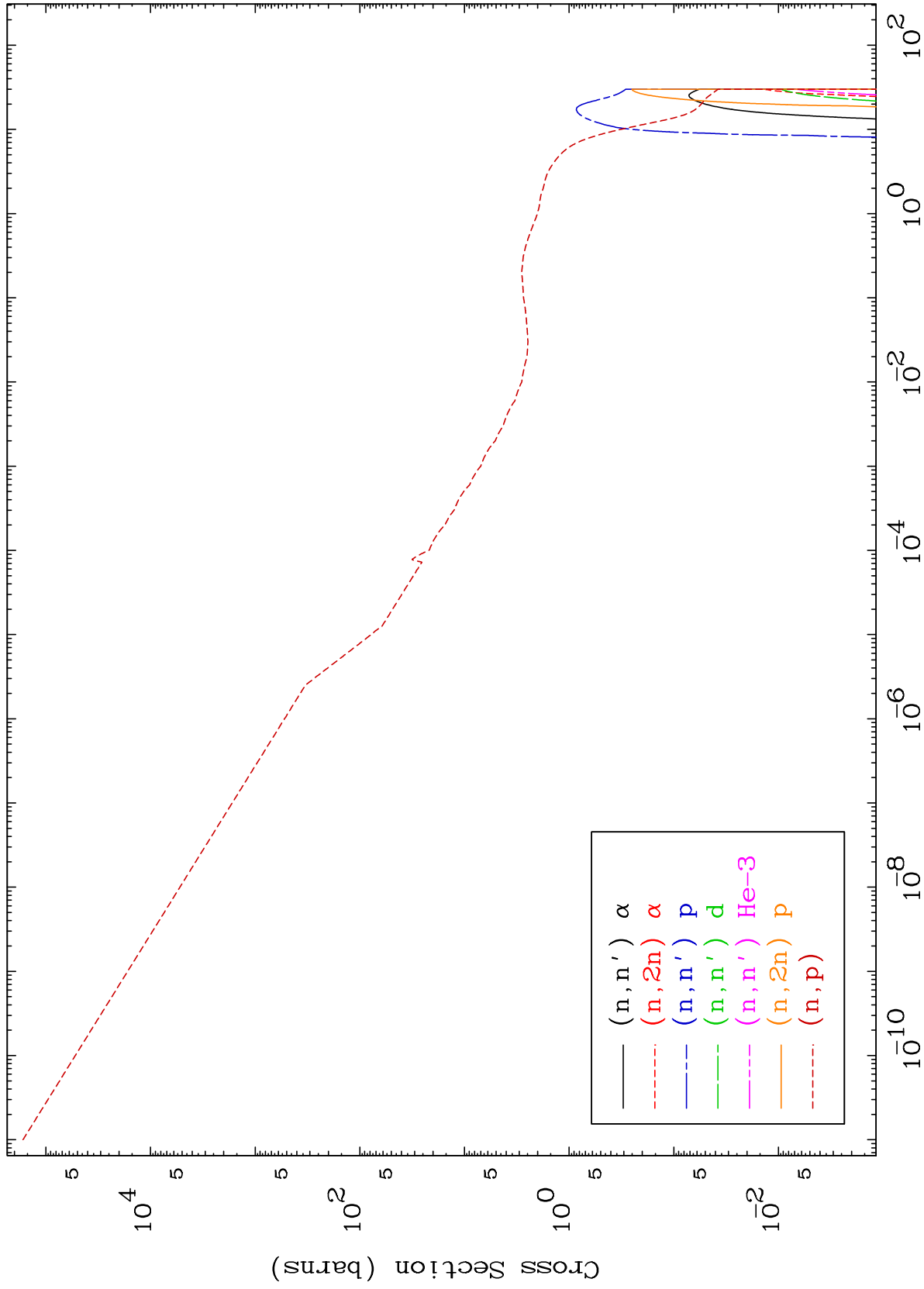
Incident Energy (MeV)

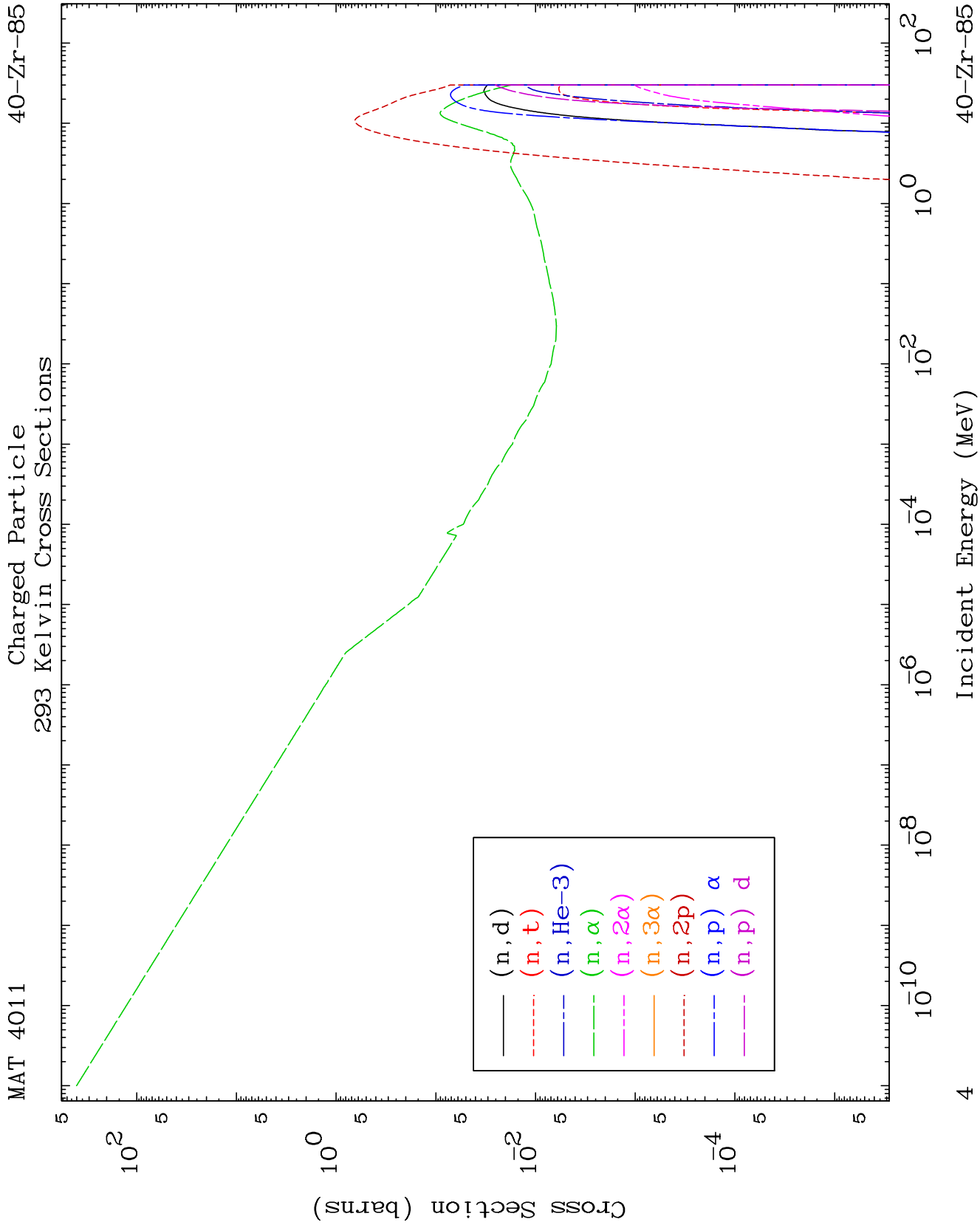
40-Zr-85

MAT 4011

293 Kelvin Cross Sections

40-Zr-85

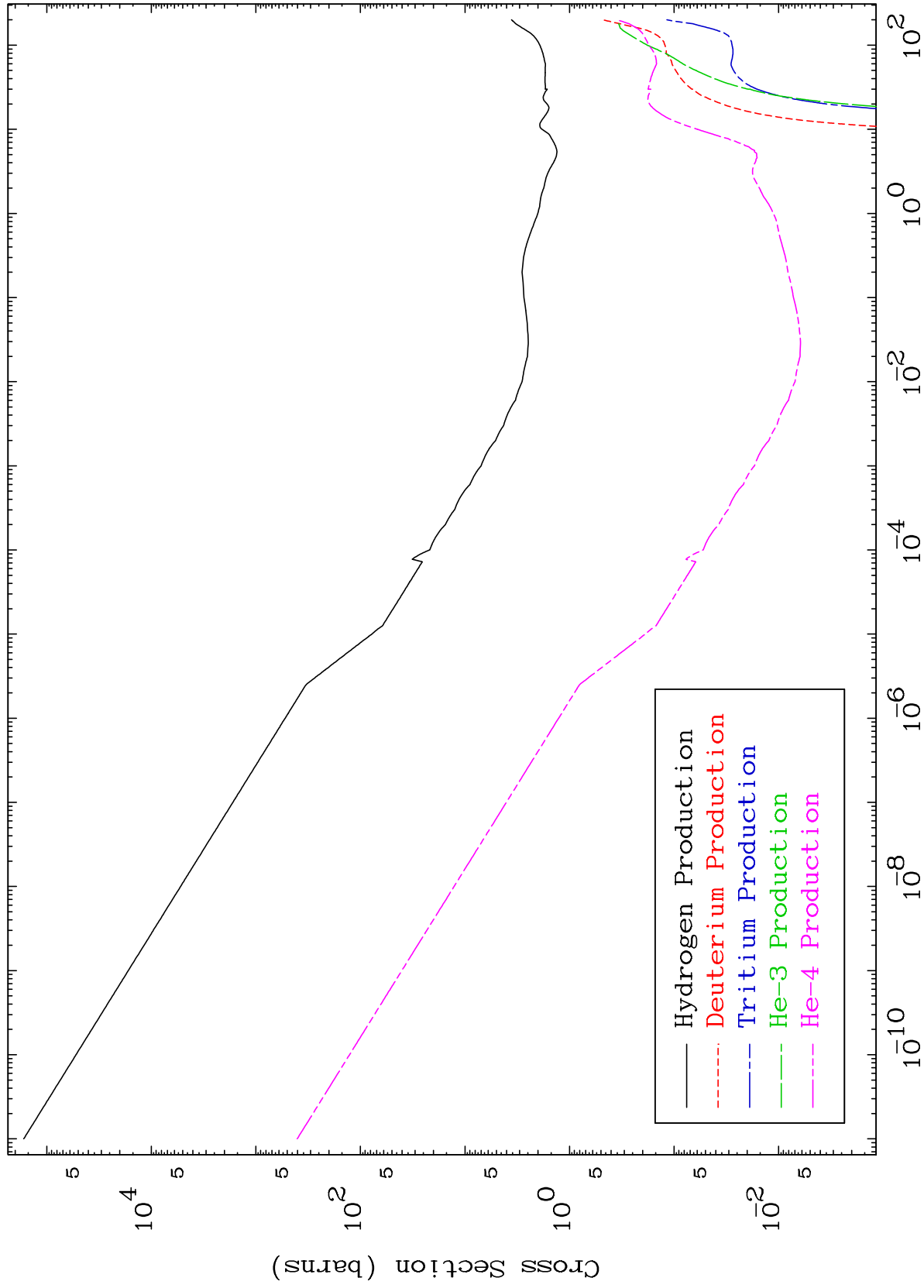




MAT 4011

Particle Production
293 Kelvin Cross Sections

40-Zr-85



5

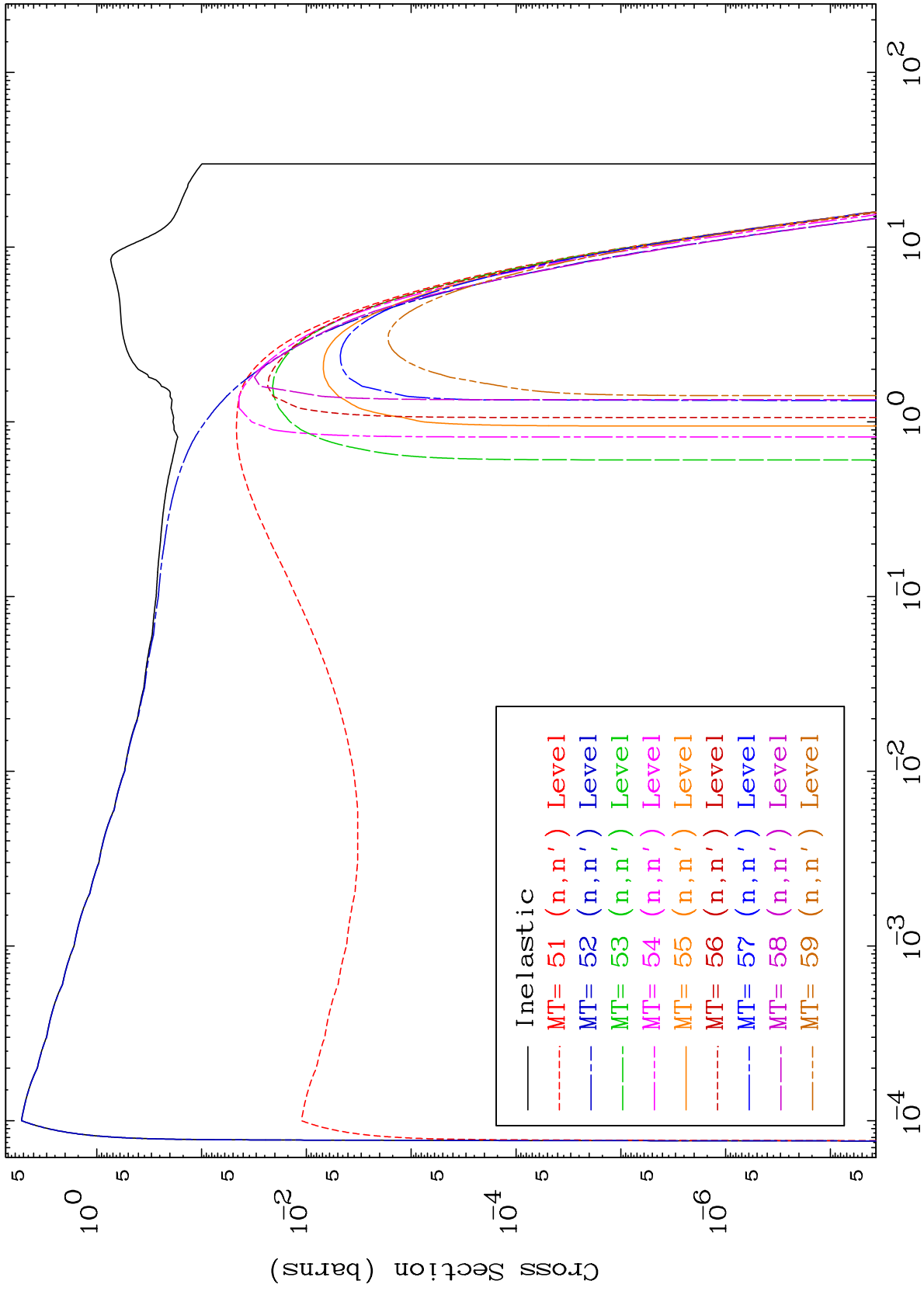
Incident Energy (MeV)

40-Zr-85

MAT 4011

(n,n') Level
293 Kelvin Cross Sections

40-Zr-85



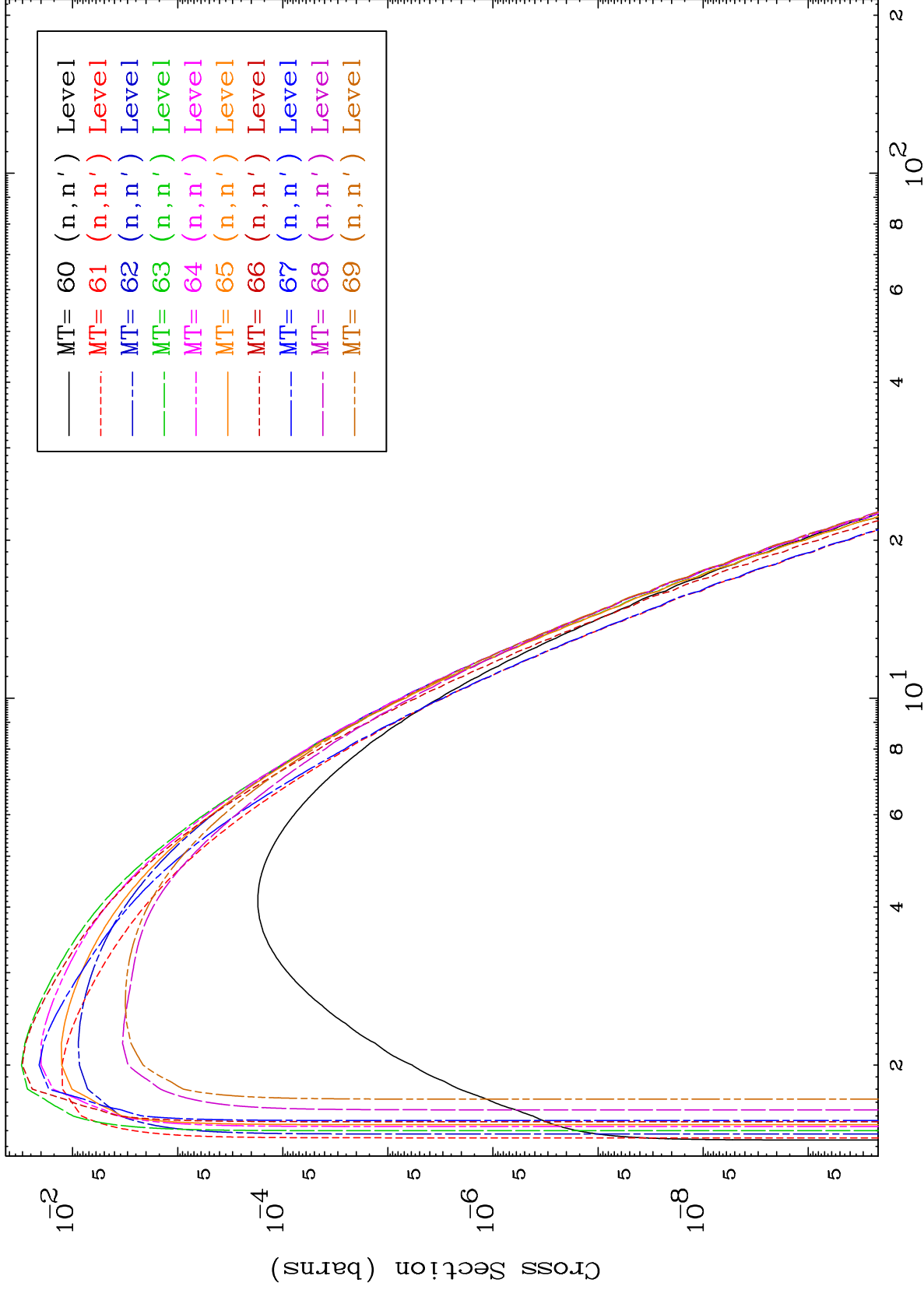
6

MAT 4011

(n,n') Level

40-Zr-85

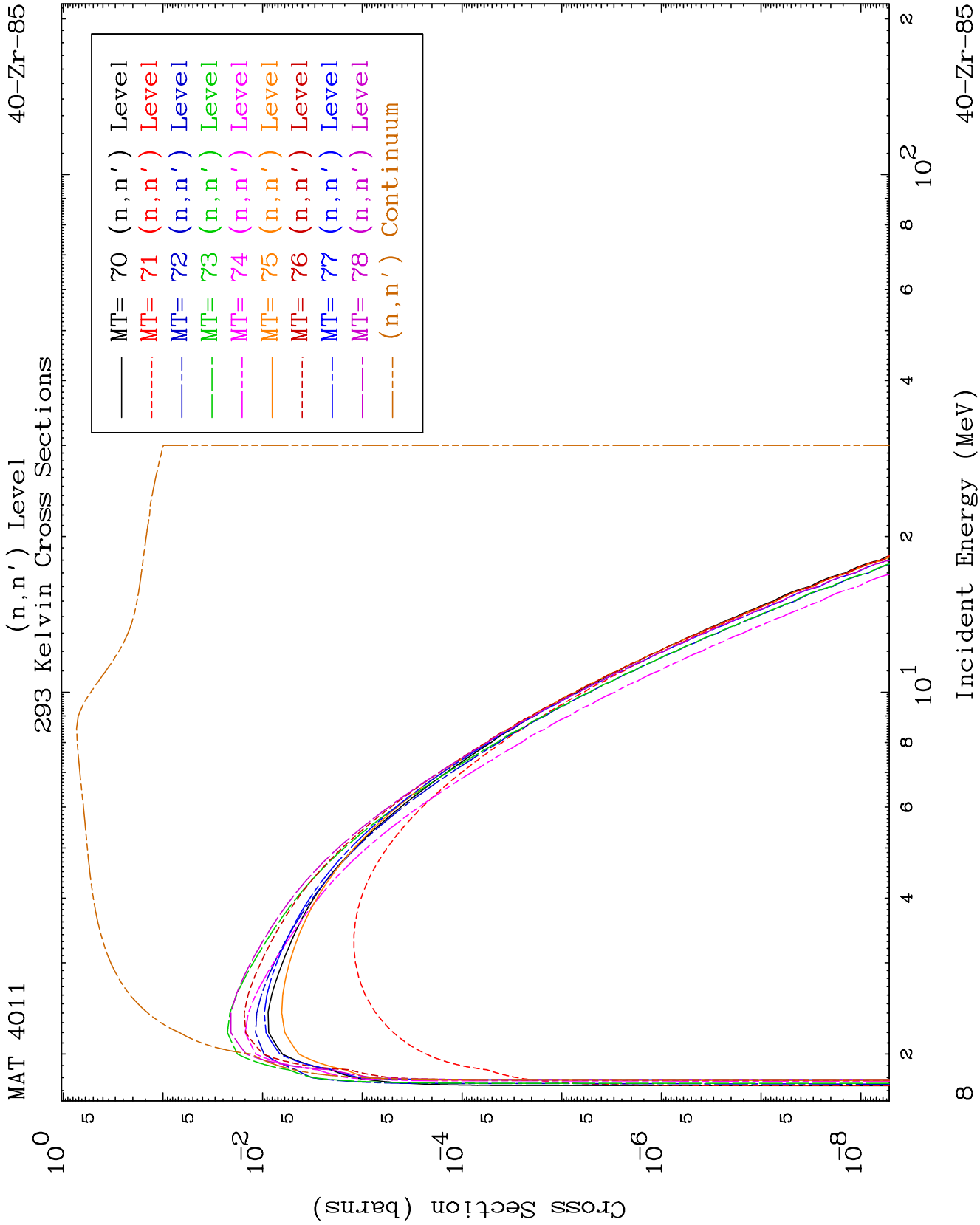
293 Kelvin Cross Sections



7

Incident Energy (MeV)

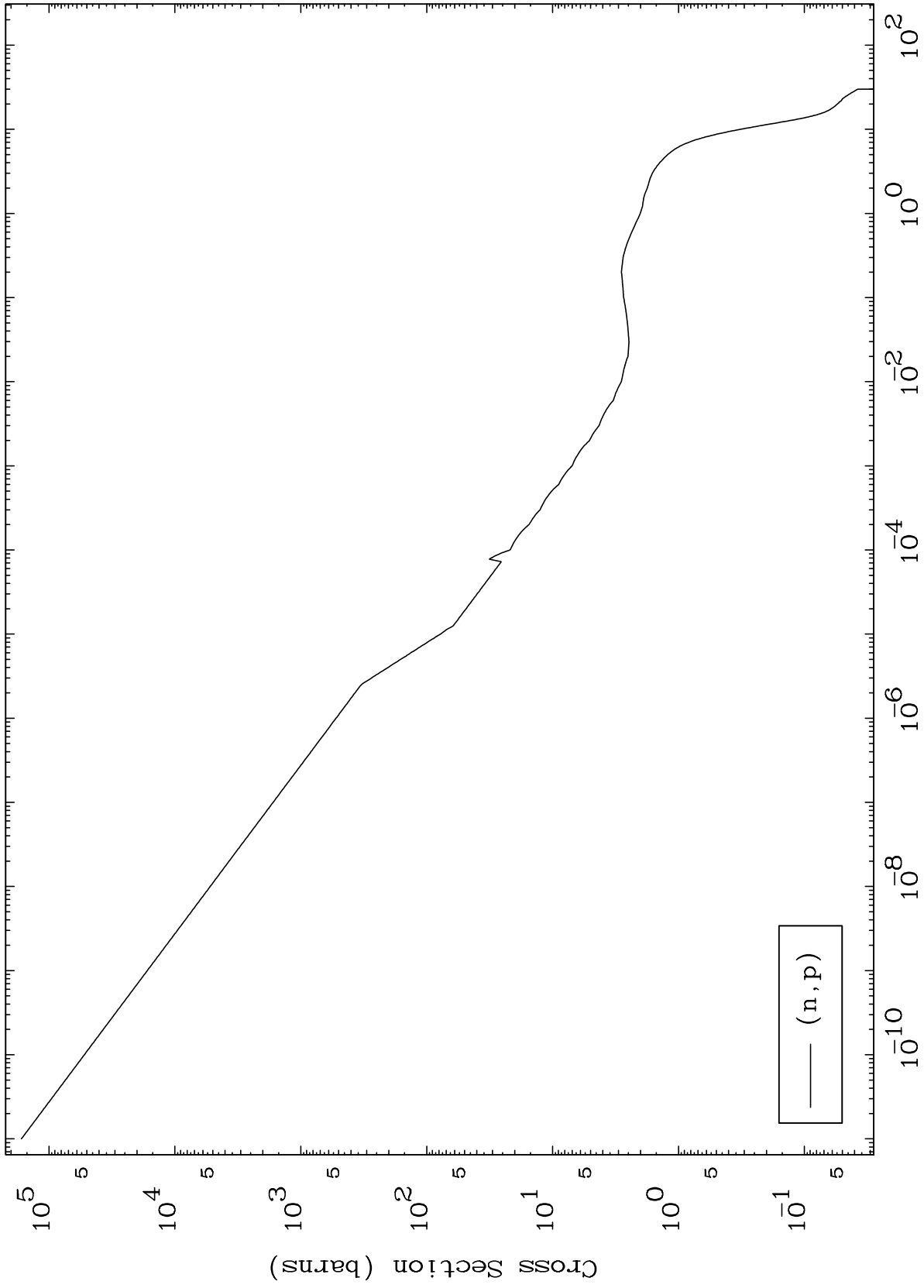
40-Zr-85



MAT 4011

(n,p) Levels
293 Kelvin Cross Sections

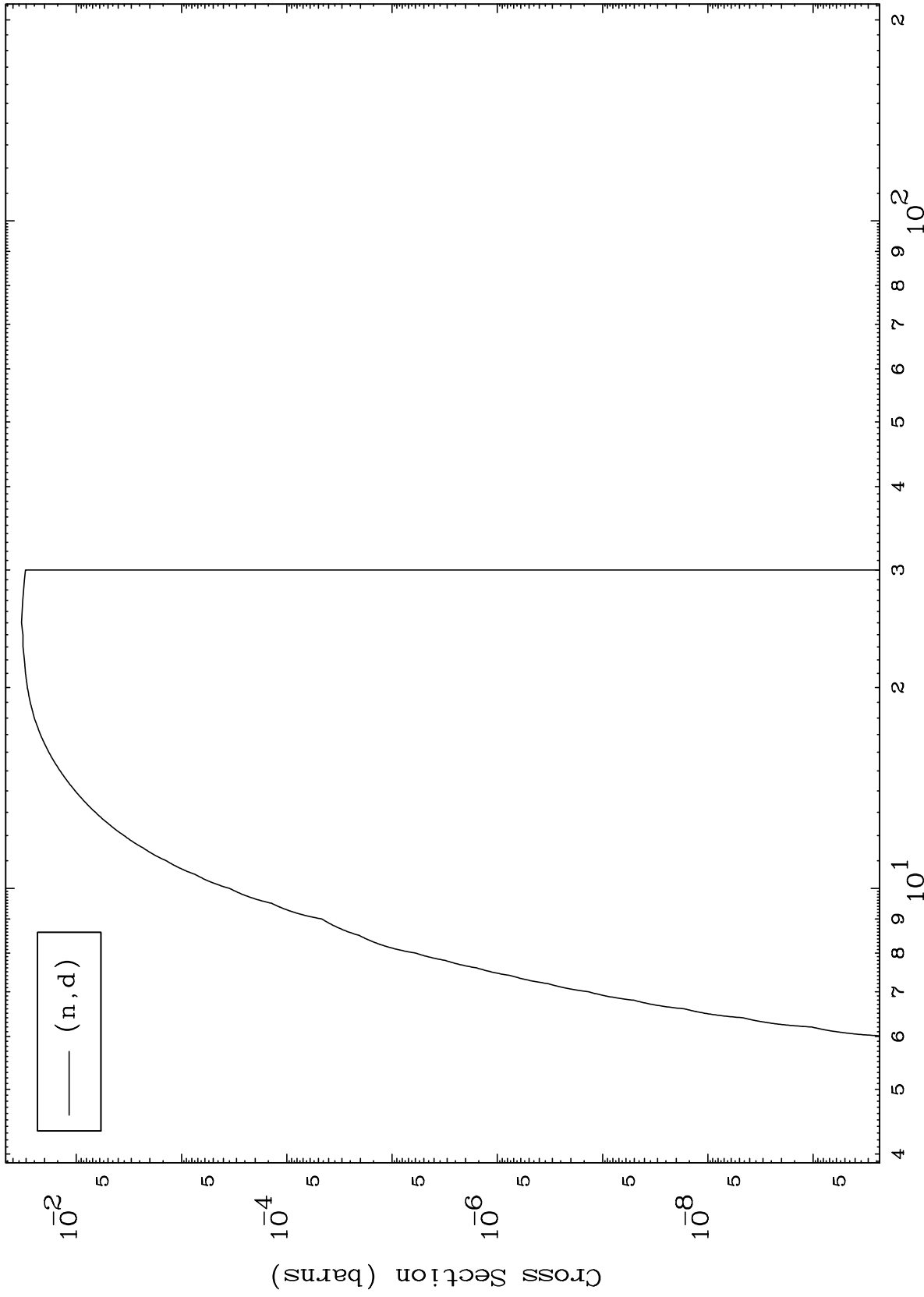
40-Zr-85



MAT 4011

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-85



(n,d)

10

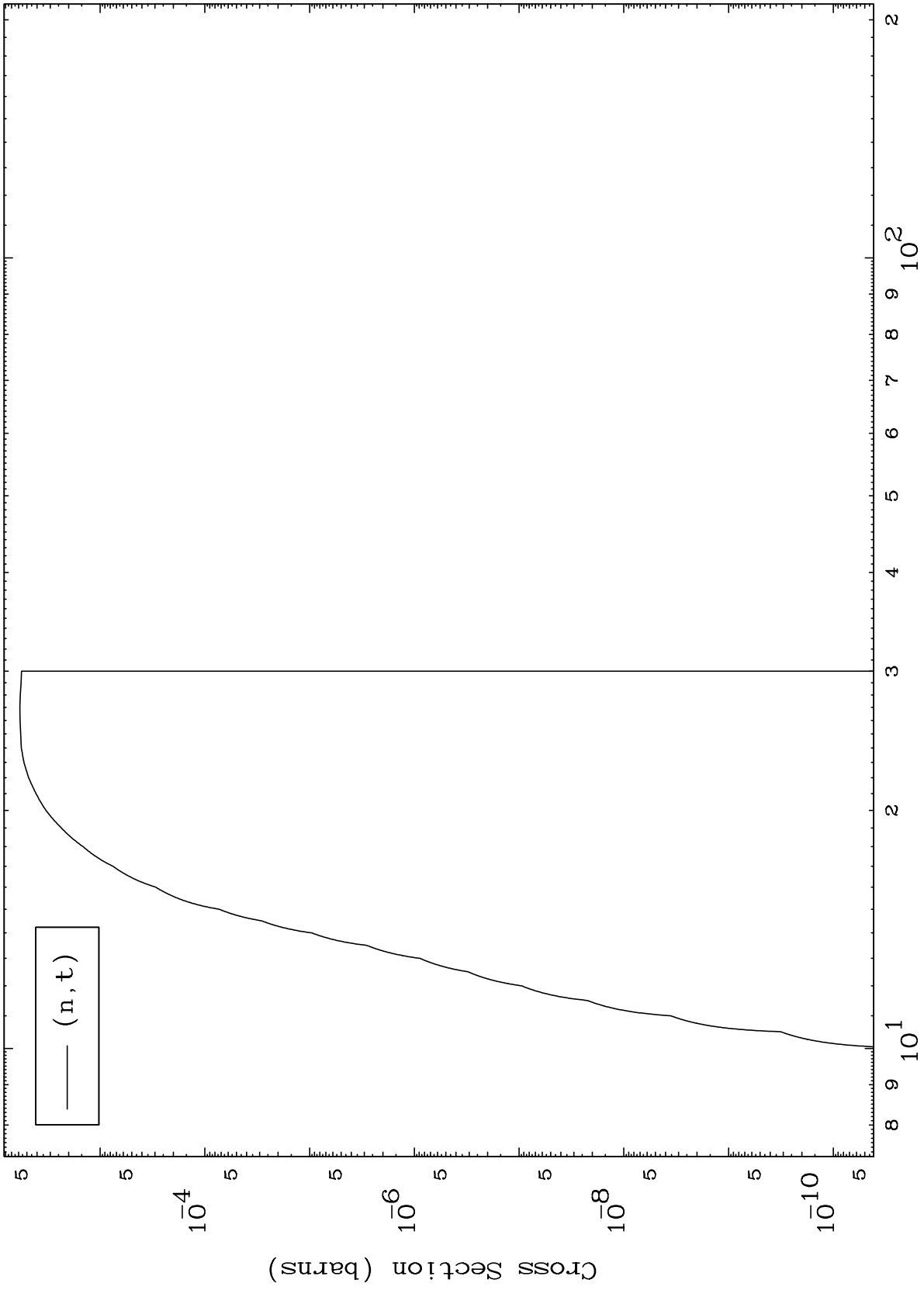
Incident Energy (MeV)

40-Zr-85

MAT 4011

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-85



11

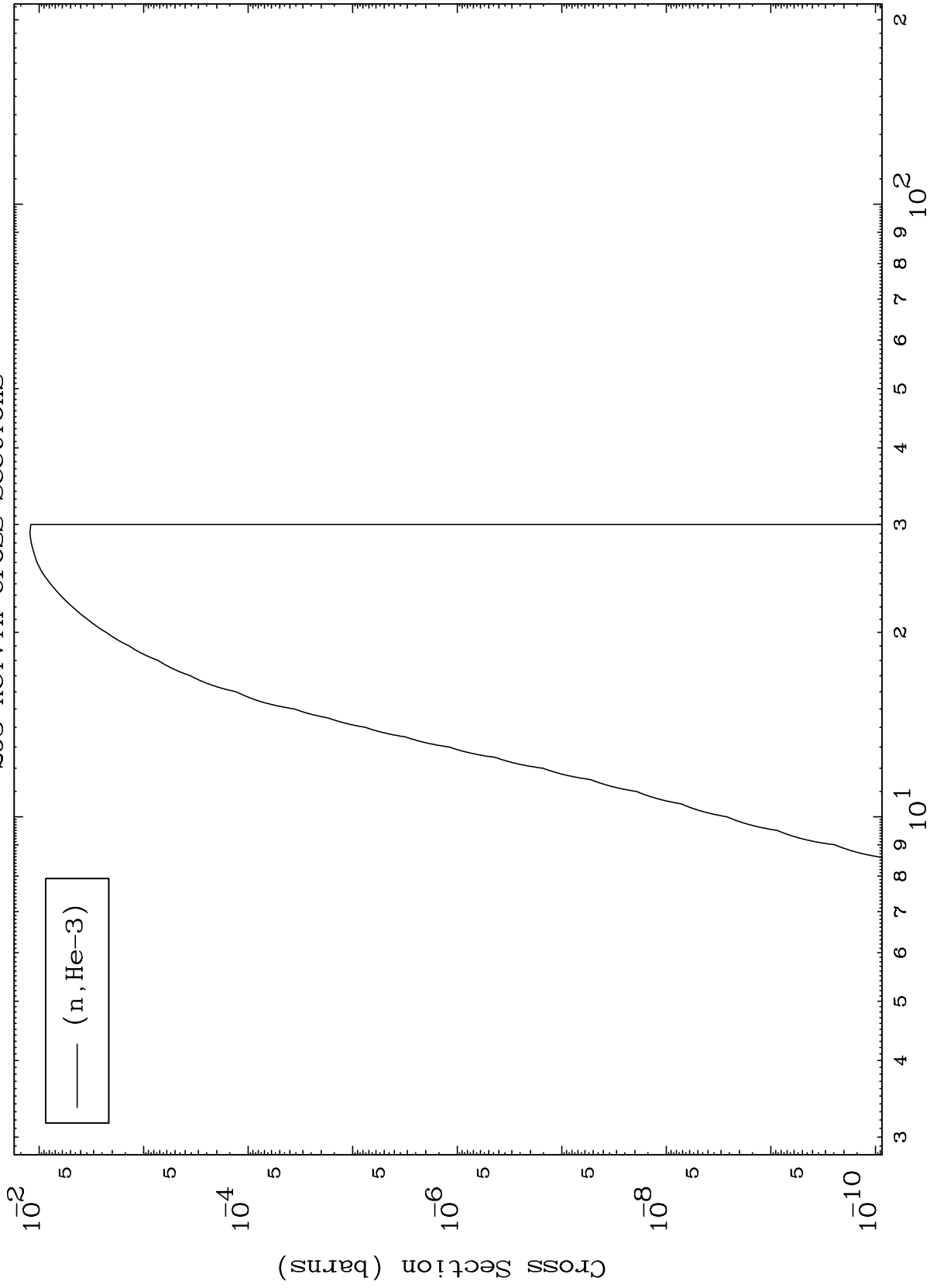
Incident Energy (MeV)

40-Zr-85

MAT 4011

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-85



12

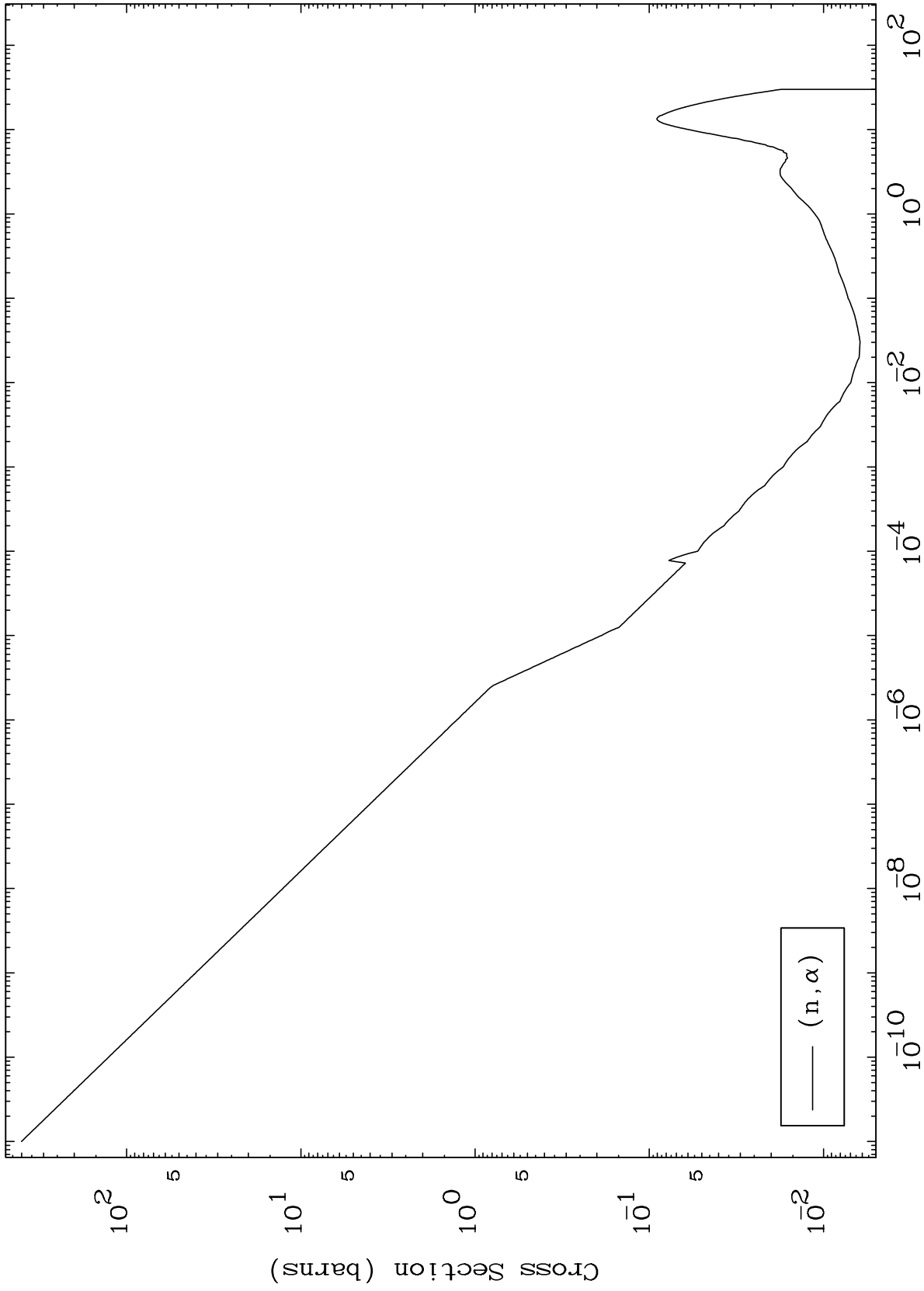
Incident Energy (MeV)

40-Zr-85

MAT 4011

(n,α) Levels
293 Kelvin Cross Sections

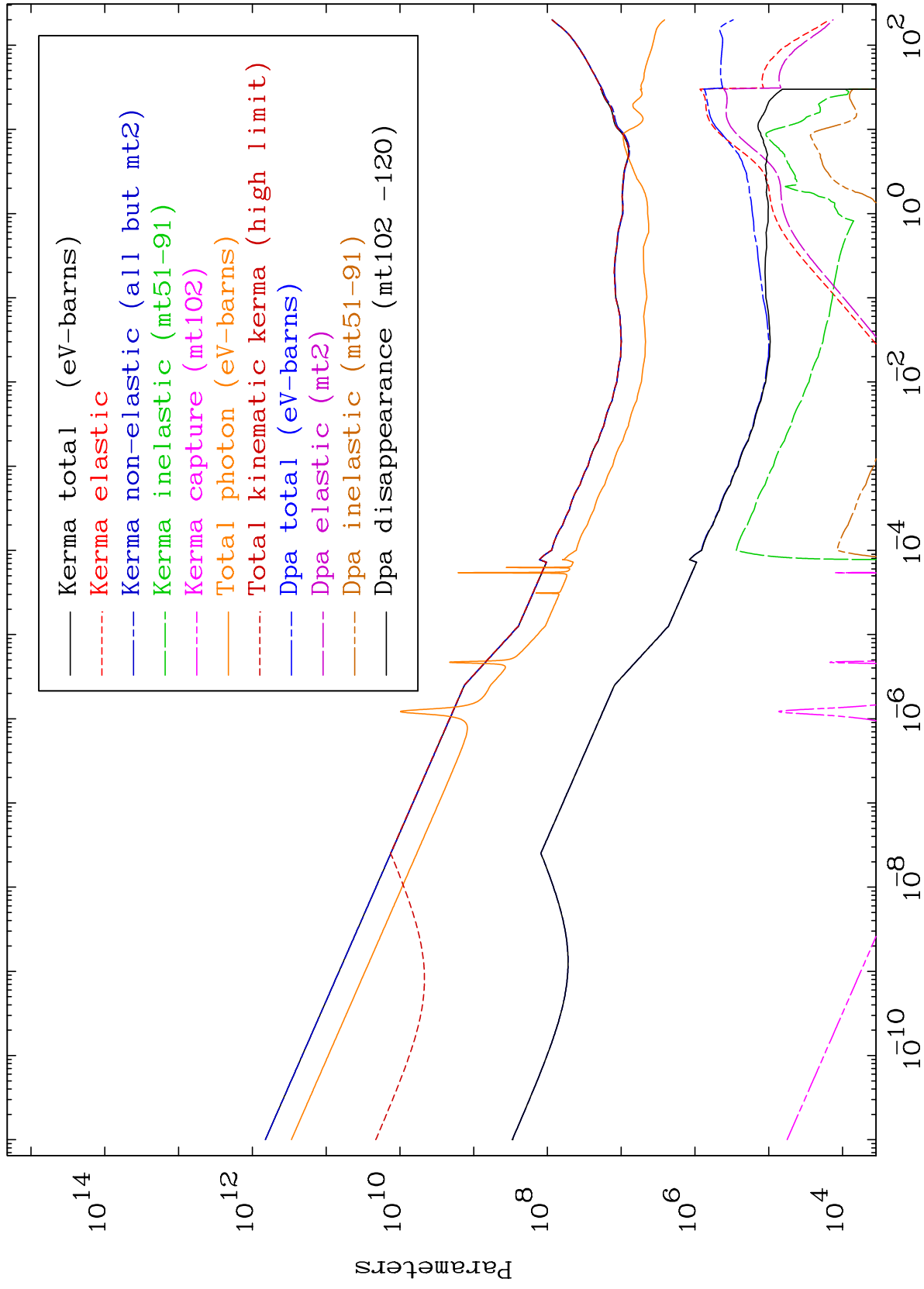
40-Zr-85



13

Incident Energy (MeV)

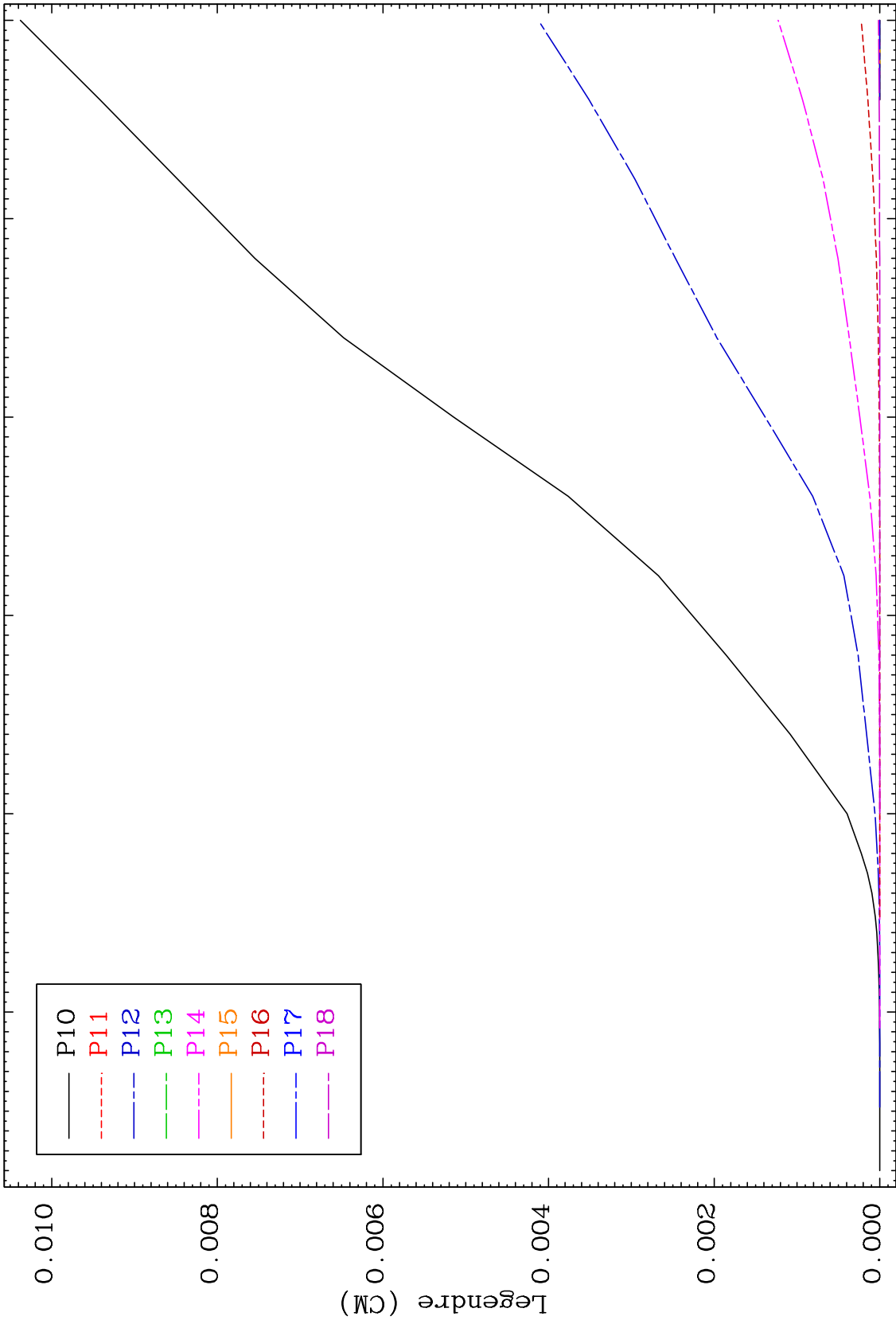
40-Zr-85



MAT 4011

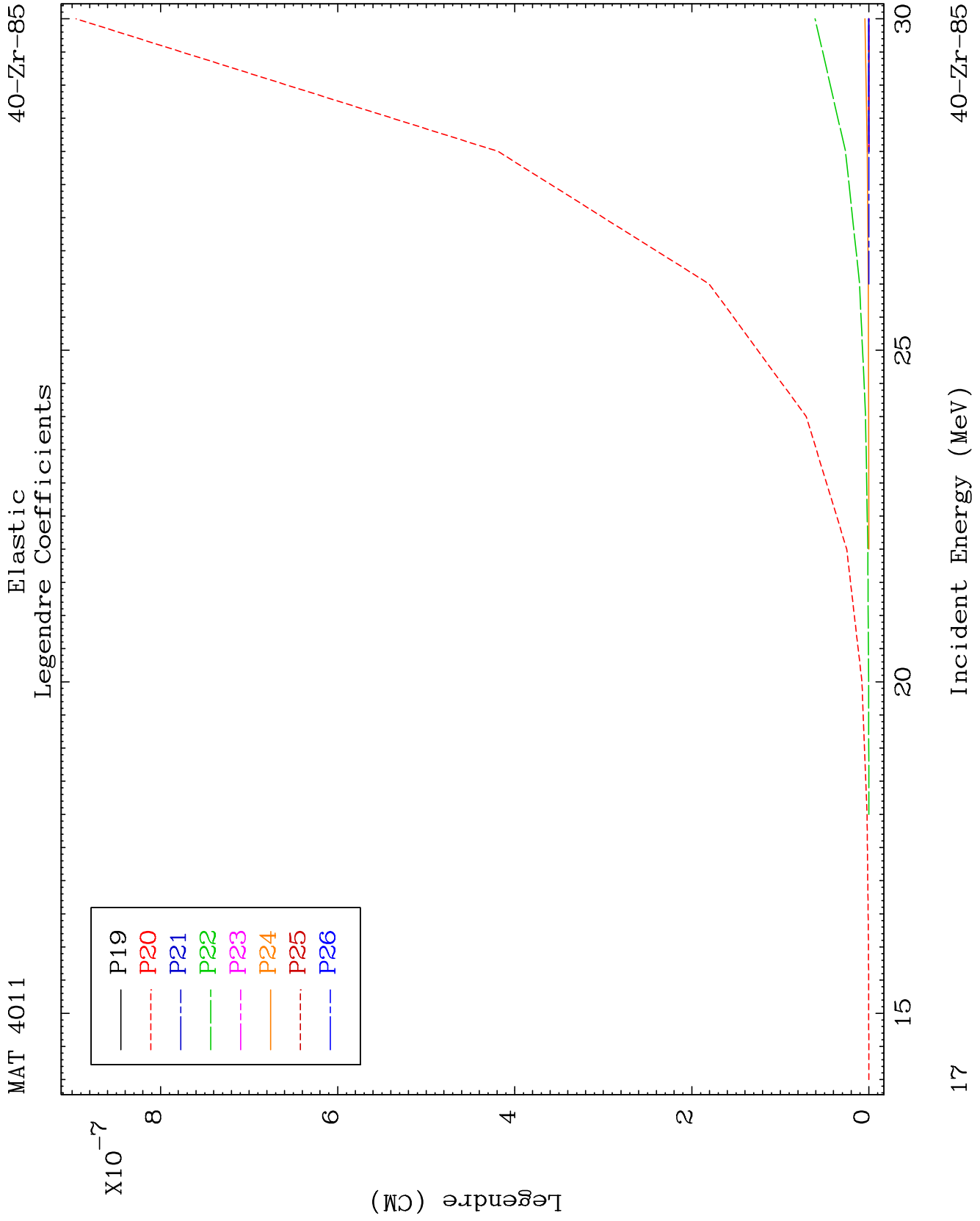
Elastic Legendre Coefficients

40-Zr-85



16

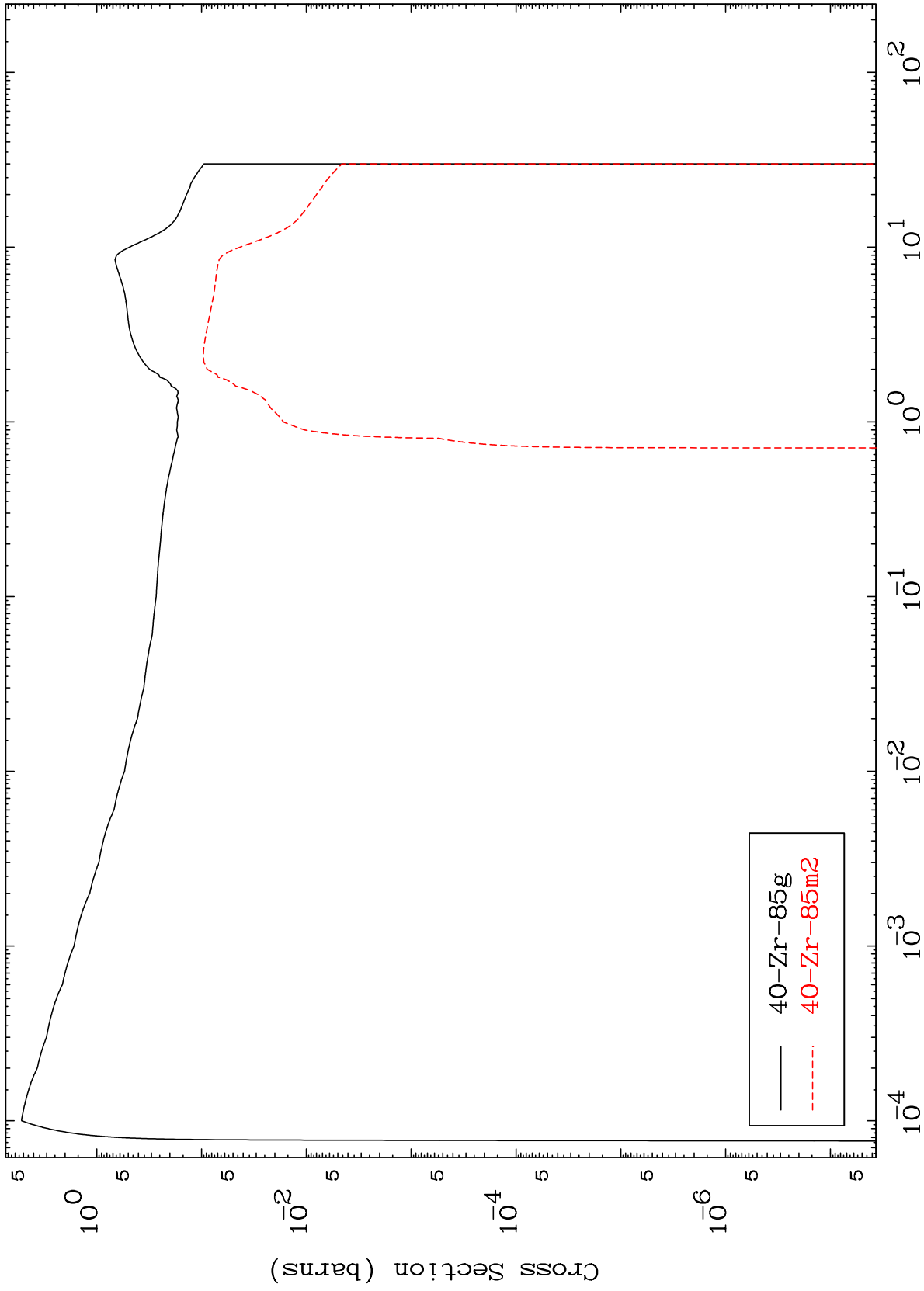
40-Zr-85



MAT 4011

Inelastic Radionuclide Production Cross Section

40-Zr-85



18

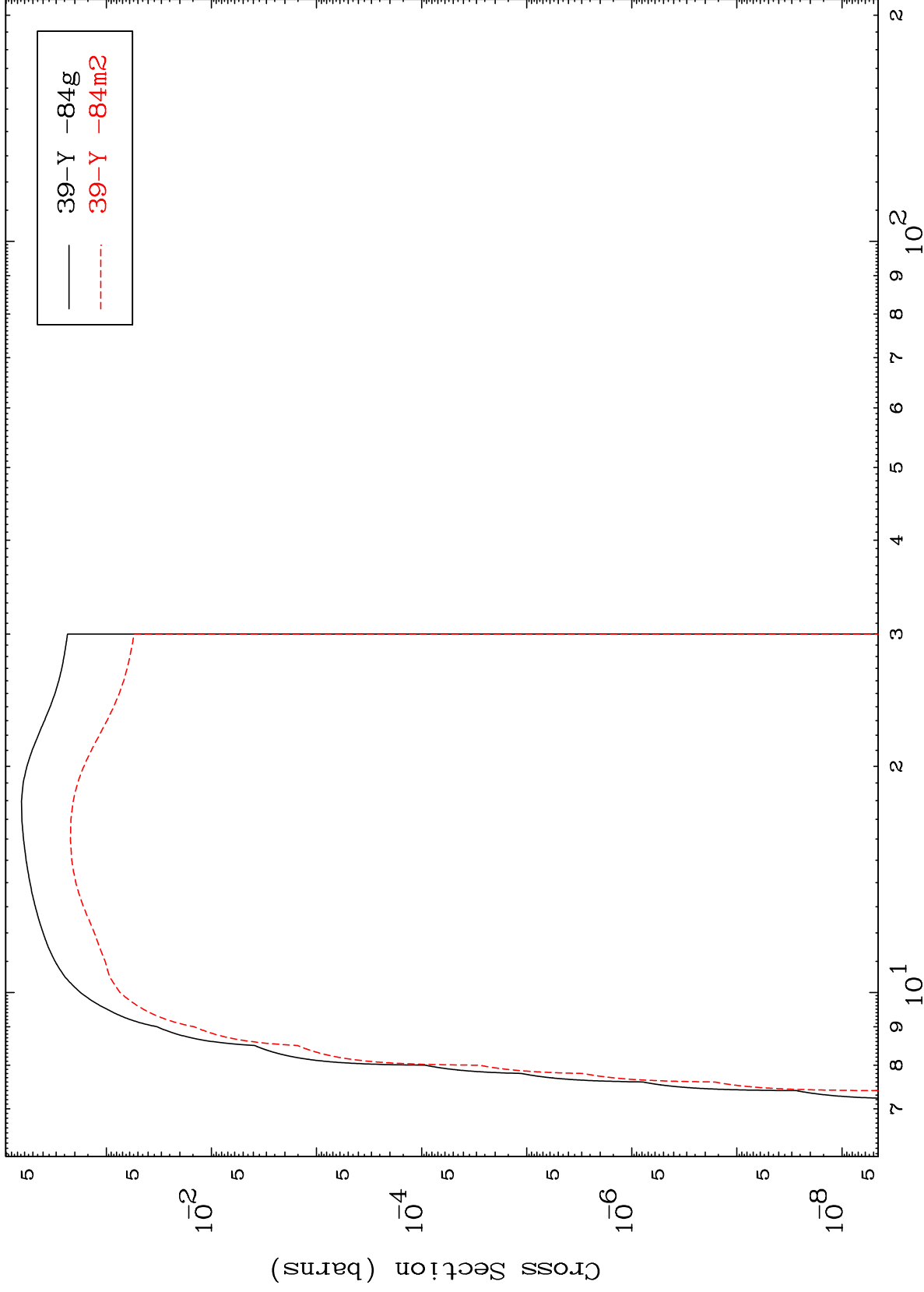
40-Zr-85

MAT 4011

(n,n') p

40-Zr-85

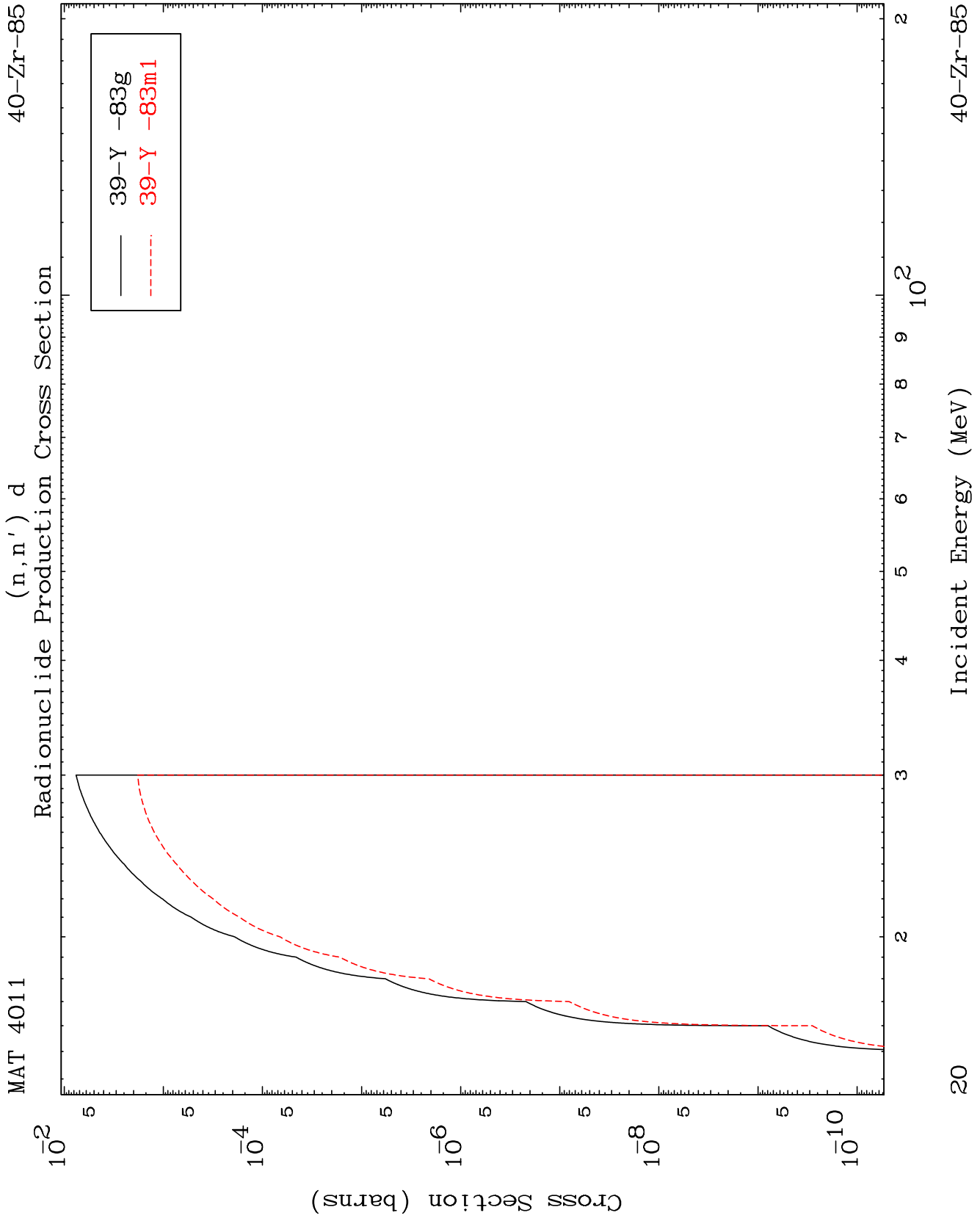
Radionuclide Production Cross Section



19

Incident Energy (MeV)

40-Zr-85

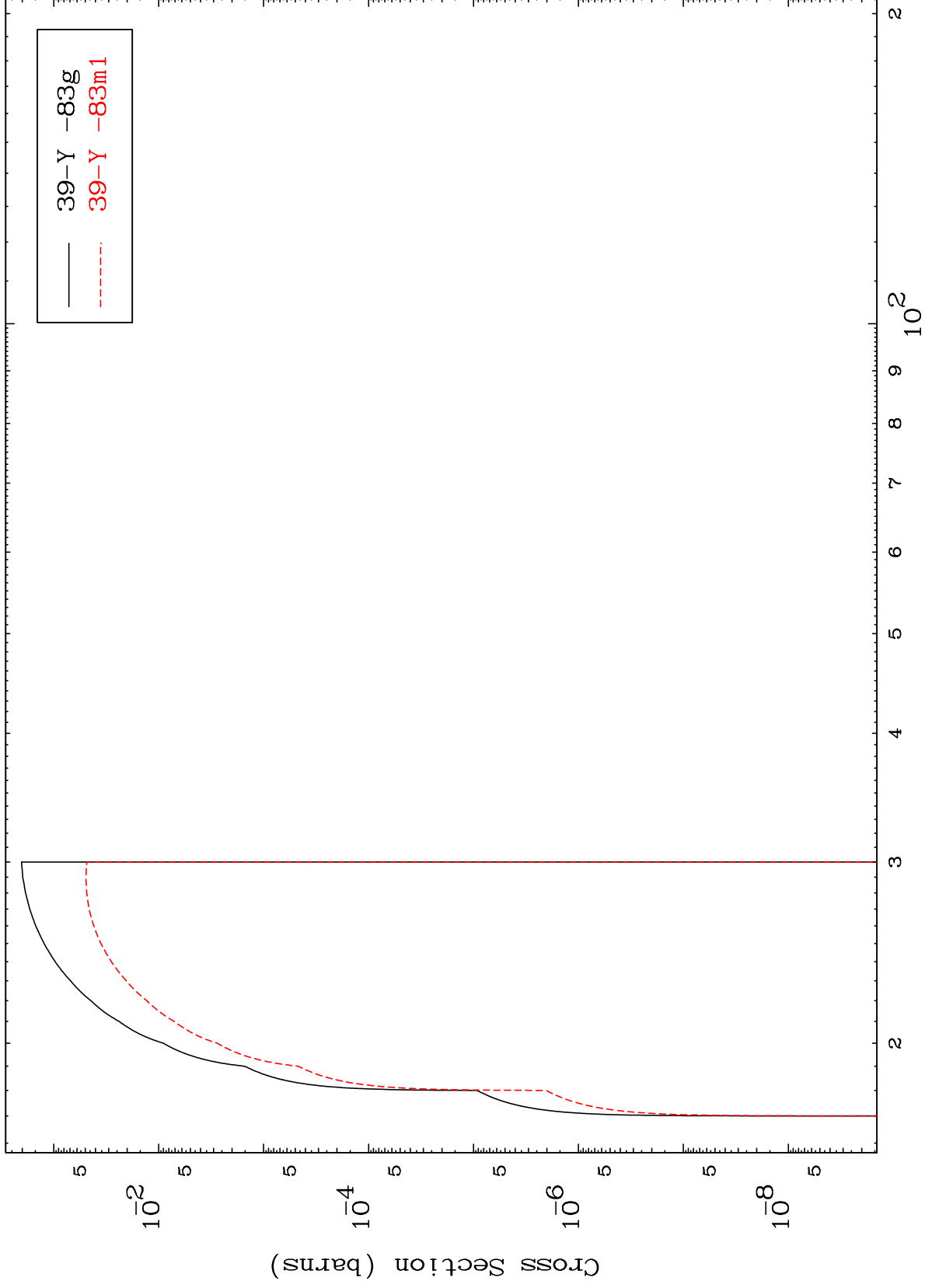


MAT 4011

(n,2n) p

40-Zr-85

Radionuclide Production Cross Section



21

Incident Energy (MeV)

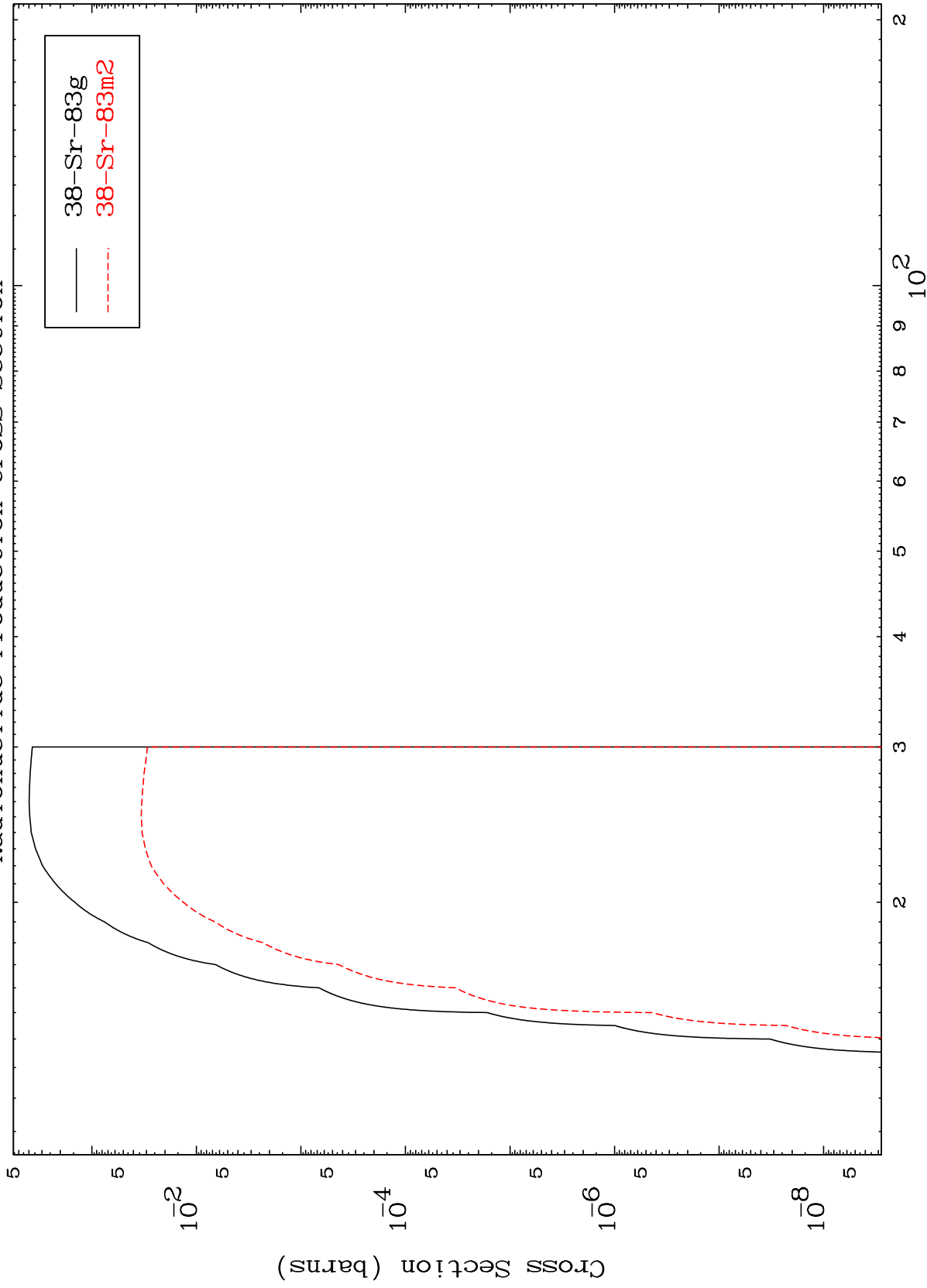
40-Zr-85

MAT 4011

(n,2n) p

40-Zr-85

Radionuclide Production Cross Section



22

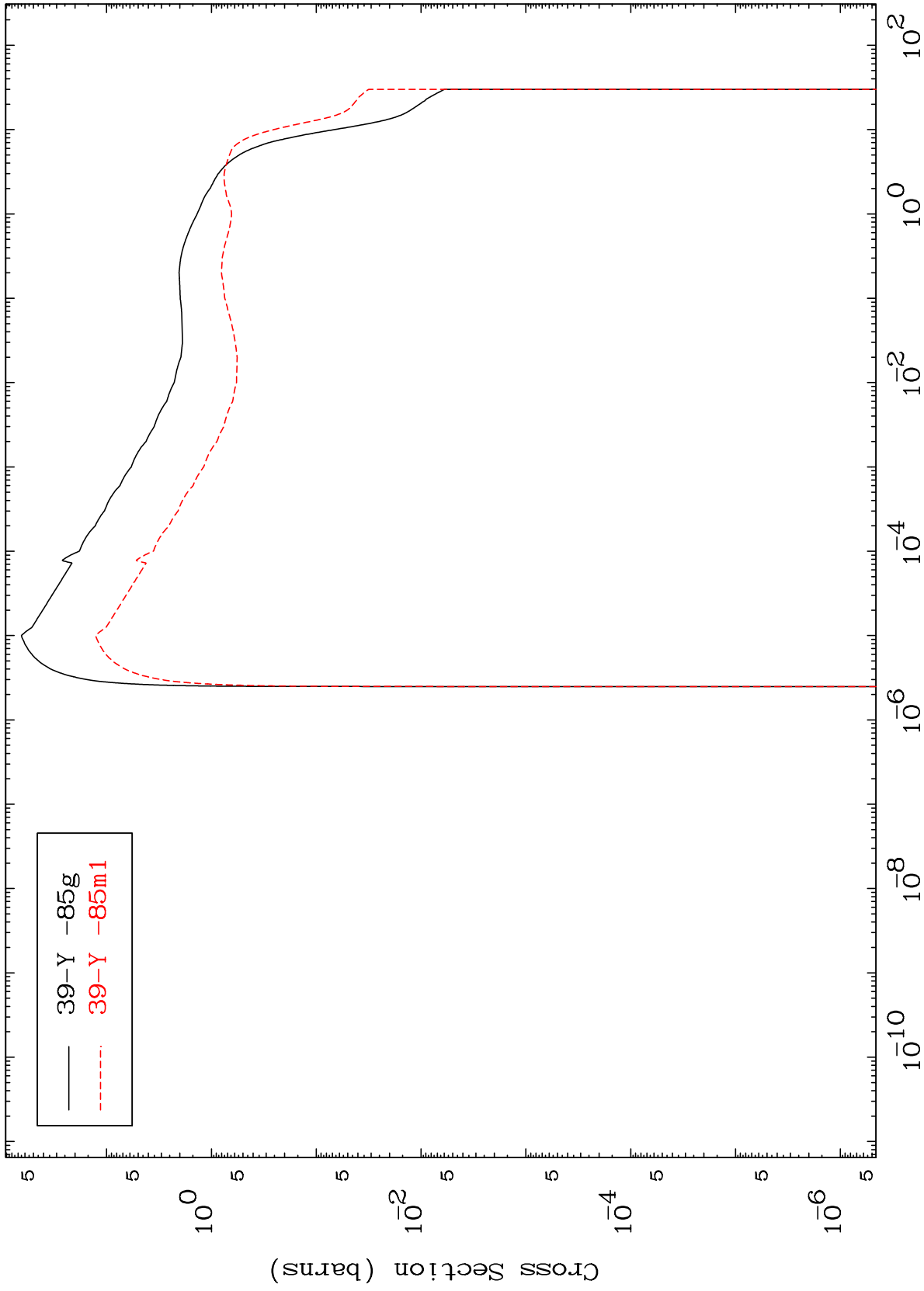
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

Radionuclide Production Cross Section

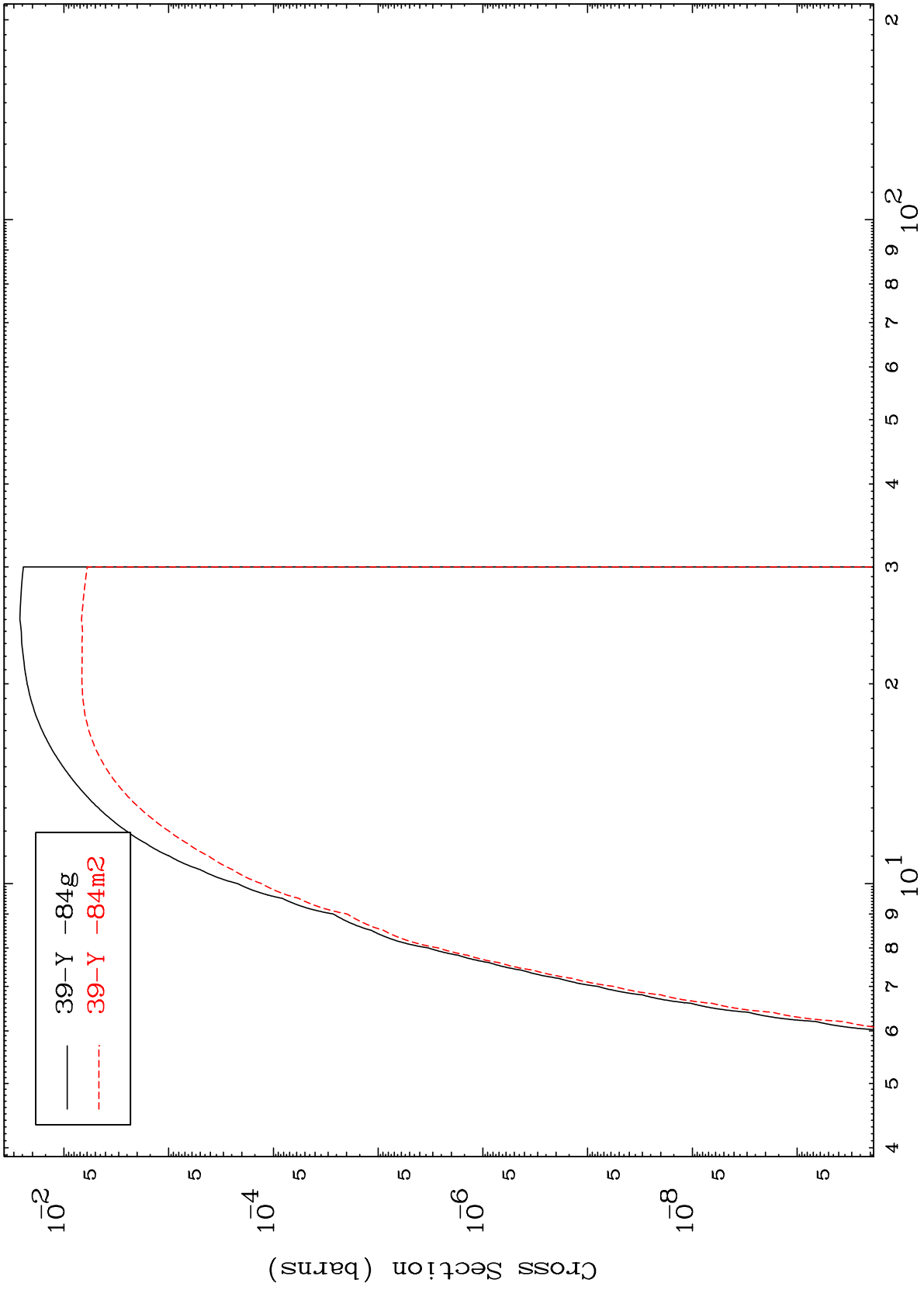


— 39-Y -85g
- - - 39-Y -85m1

MAT 4011

Radionuclide Production Cross Section
(n,d)

40-Zr-85



24

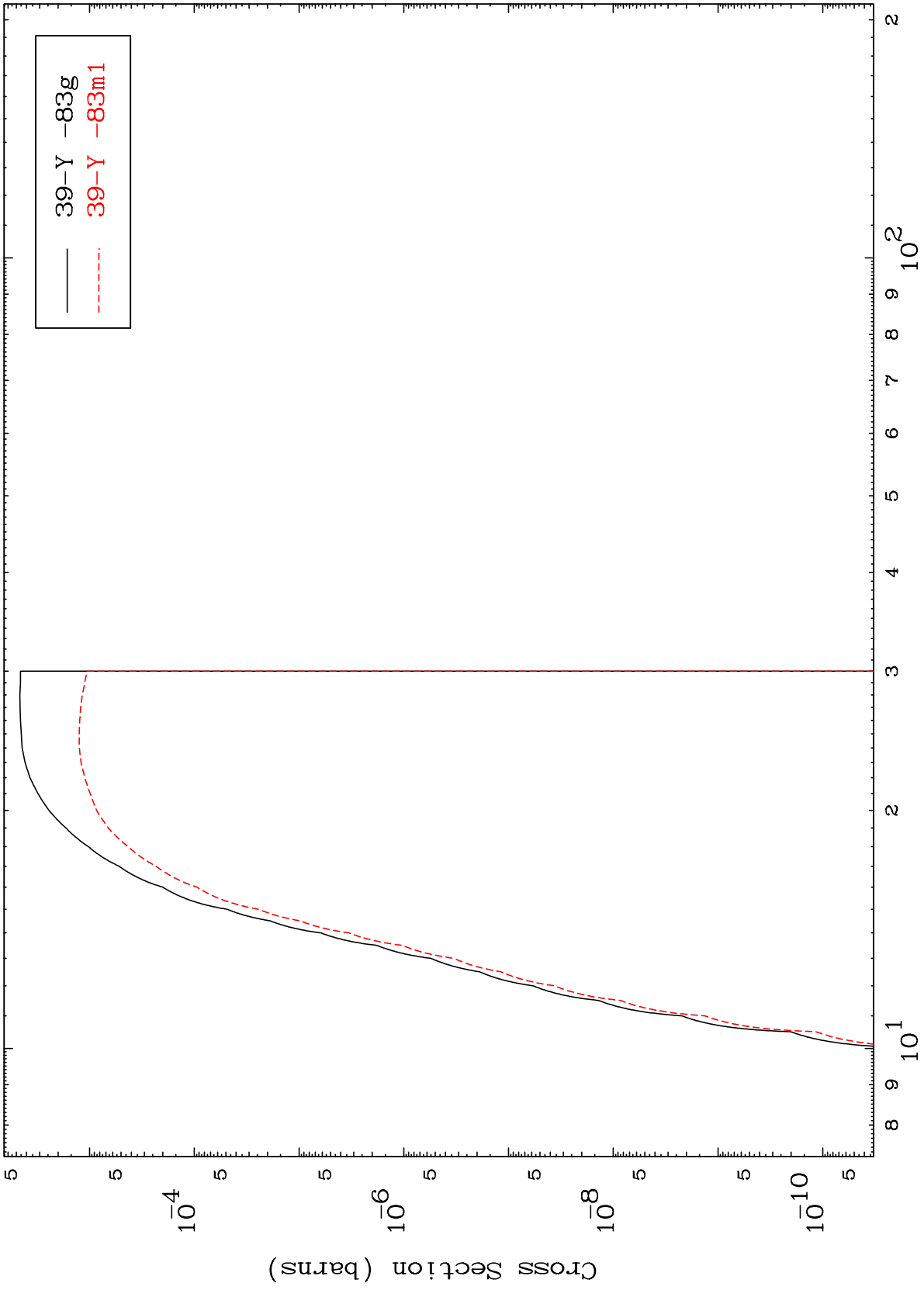
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

(n, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

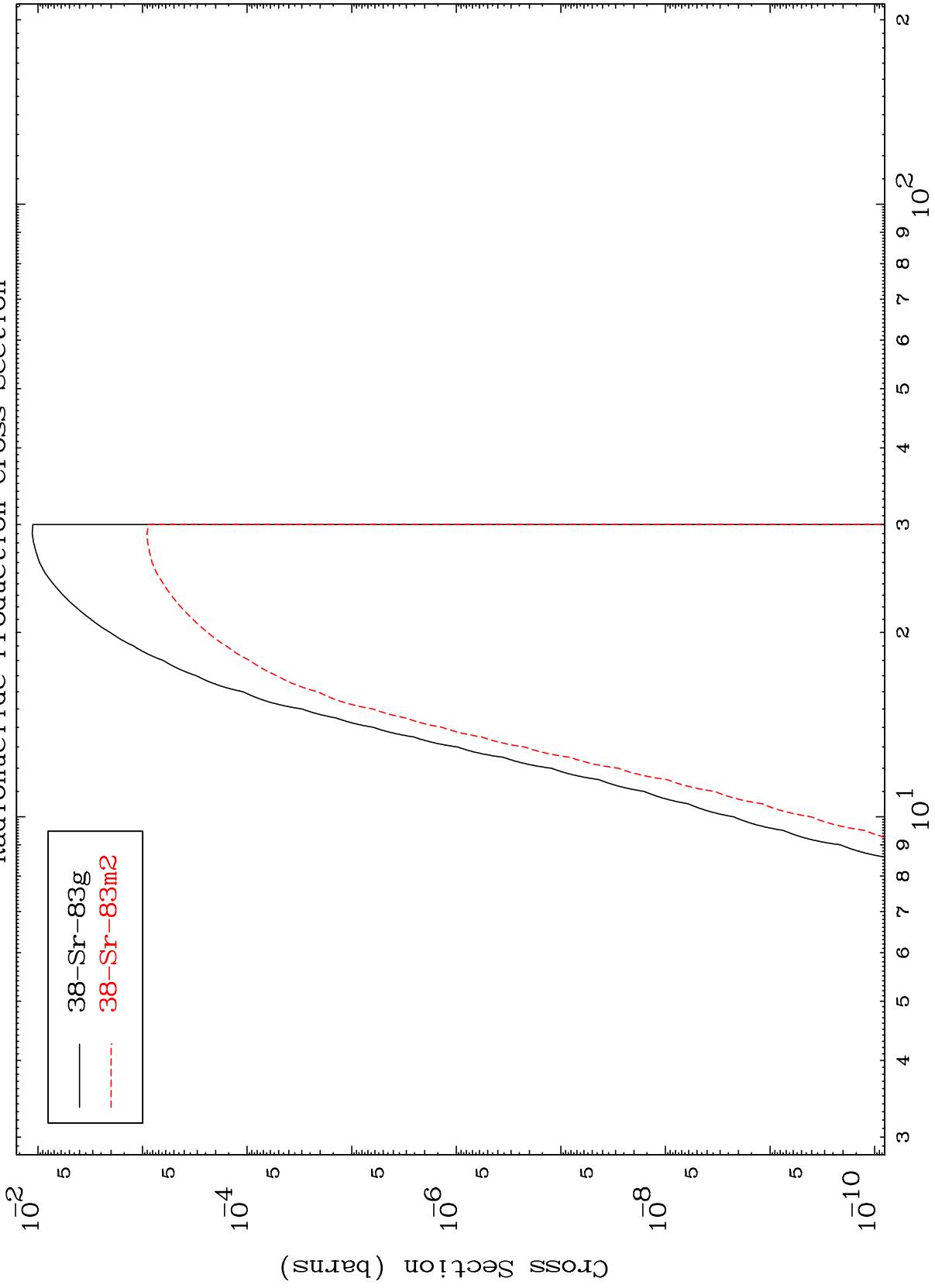
40-Zr-85

MAT 4011

(n, He-3)

40-Zr-85

Radionuclide Production Cross Section



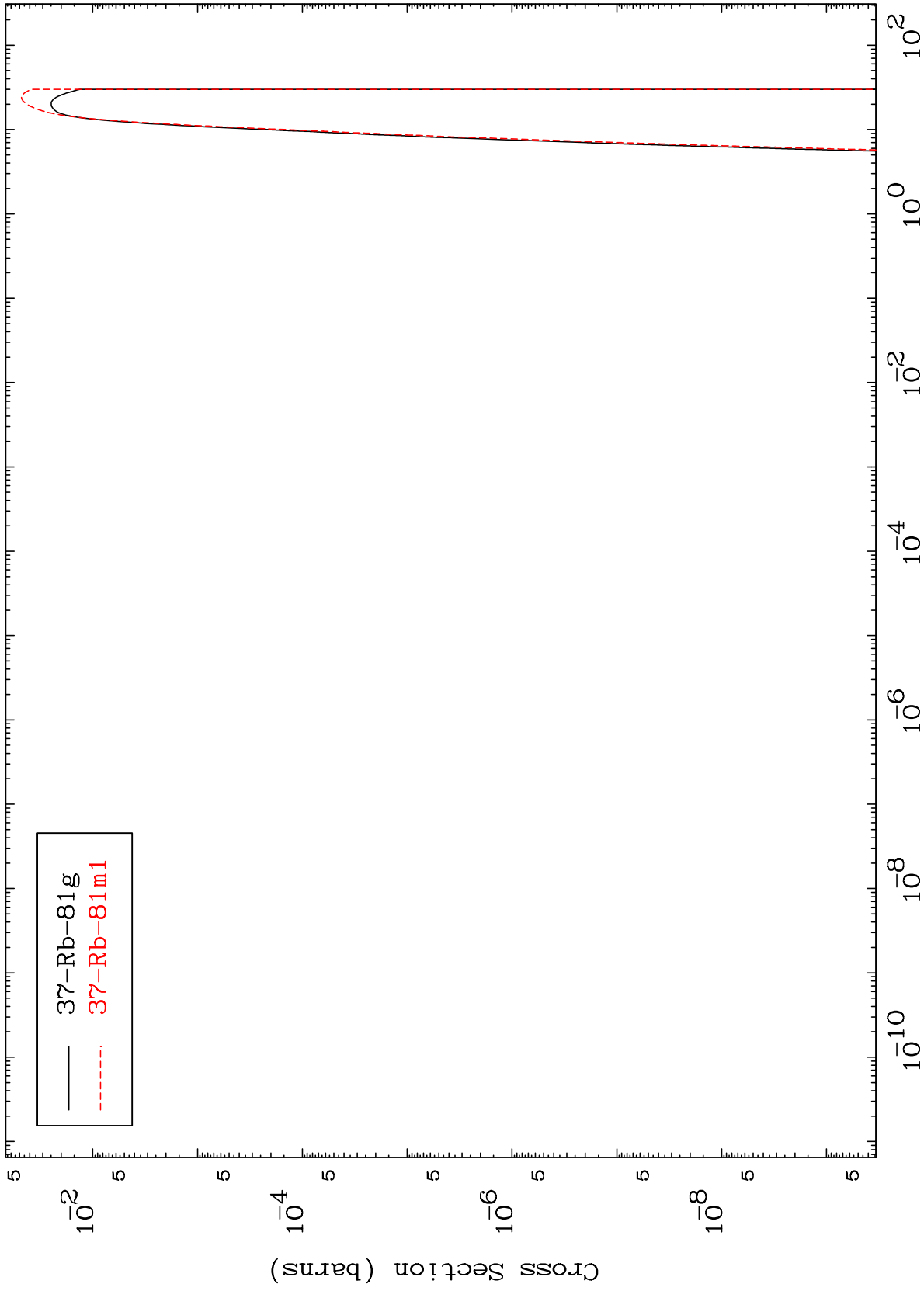
38-Sr-83g
38-Sr-83m2

MAT 4011

(n,p) α

40-Zr-85

Radionuclide Production Cross Section



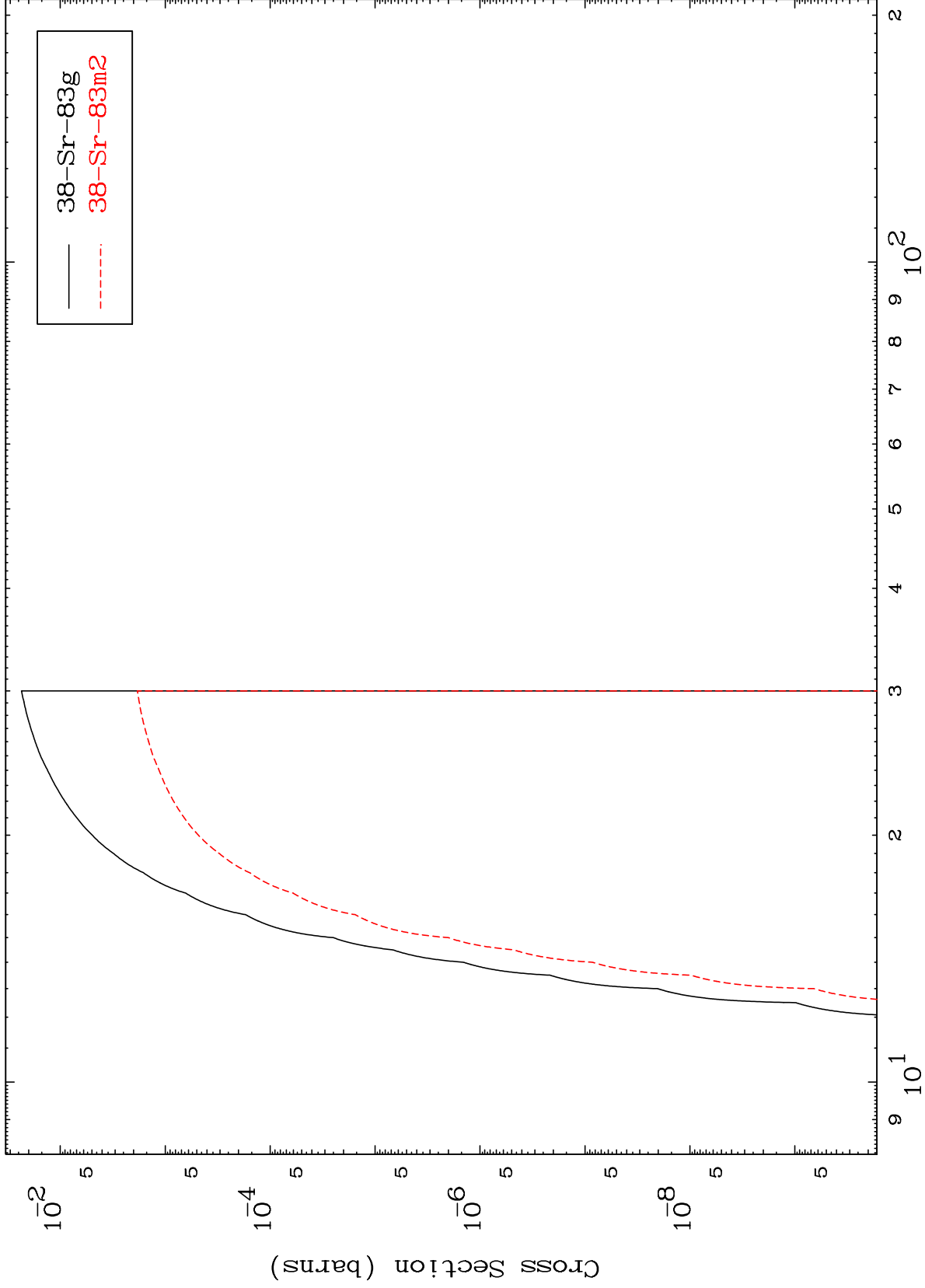
27

MAT 4011

(n,p) d

40-Zr-85

Radionuclide Production Cross Section



28

Incident Energy (MeV)

40-Zr-85