

Program EVALPLOT
(Version 2018-1)

by

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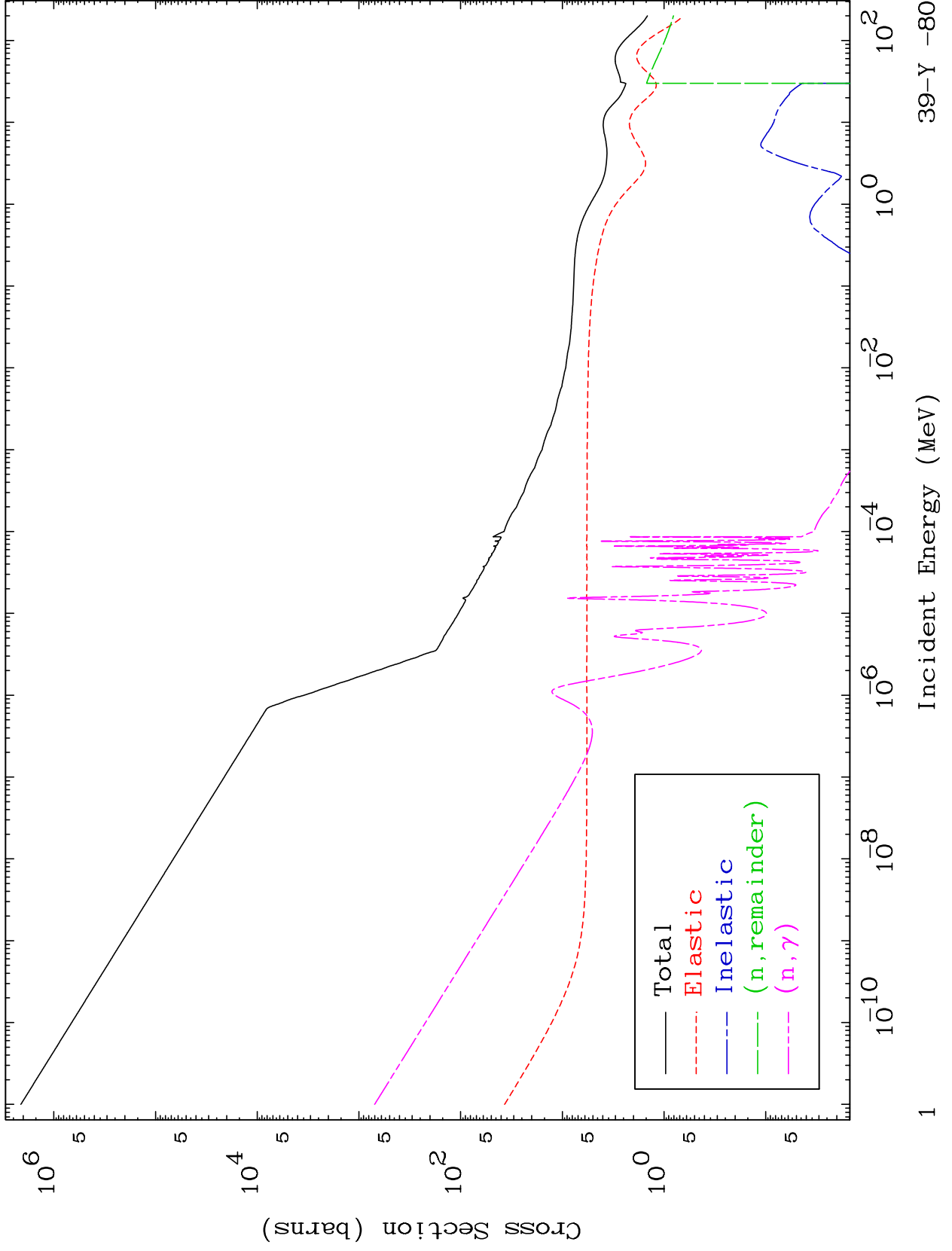
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3899

Major
293 Kelvin Cross Sections

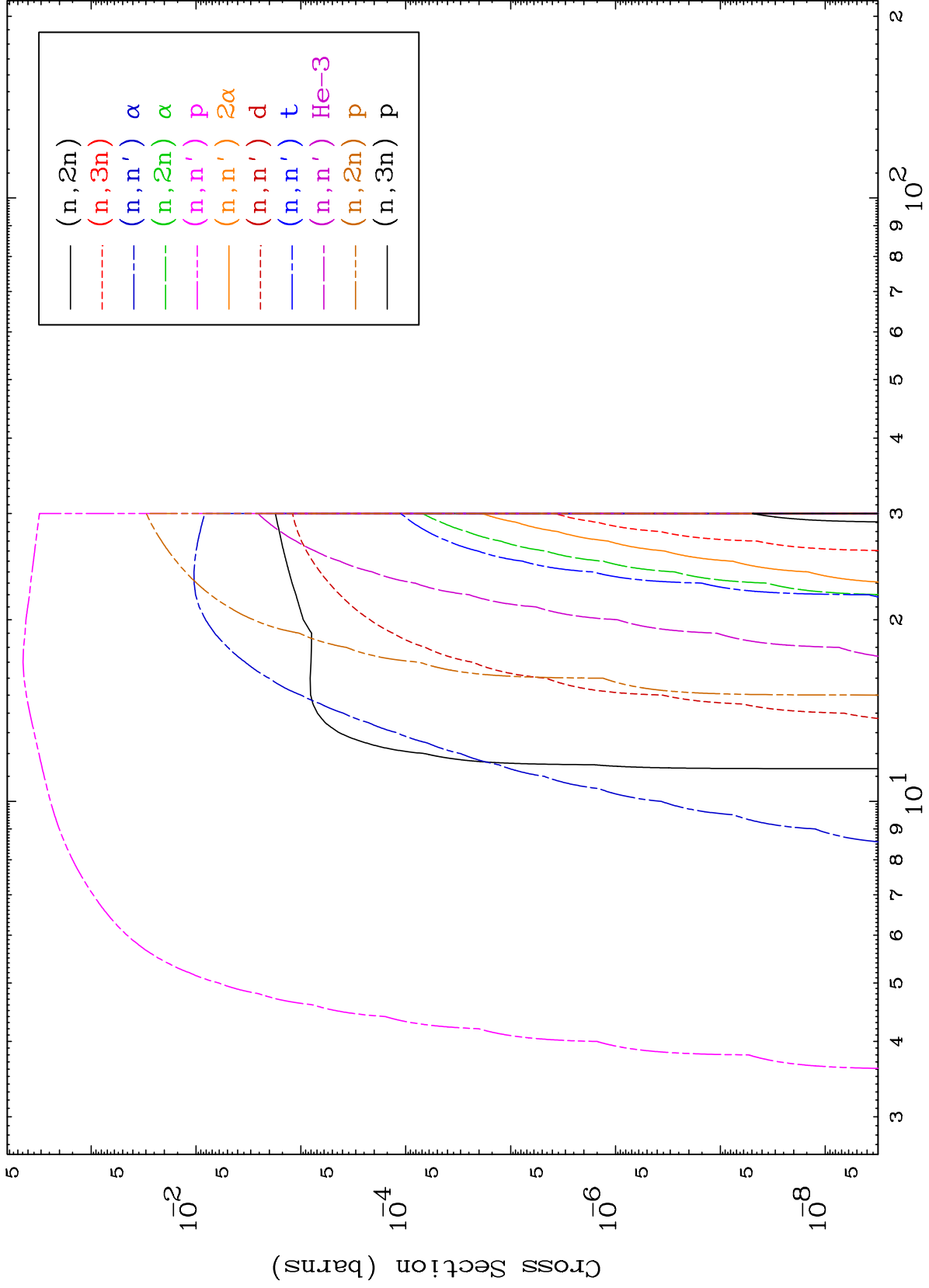
39-Y -80



MAT 3899

Neutron Production
293 Kelvin Cross Sections

39-Y -80



2

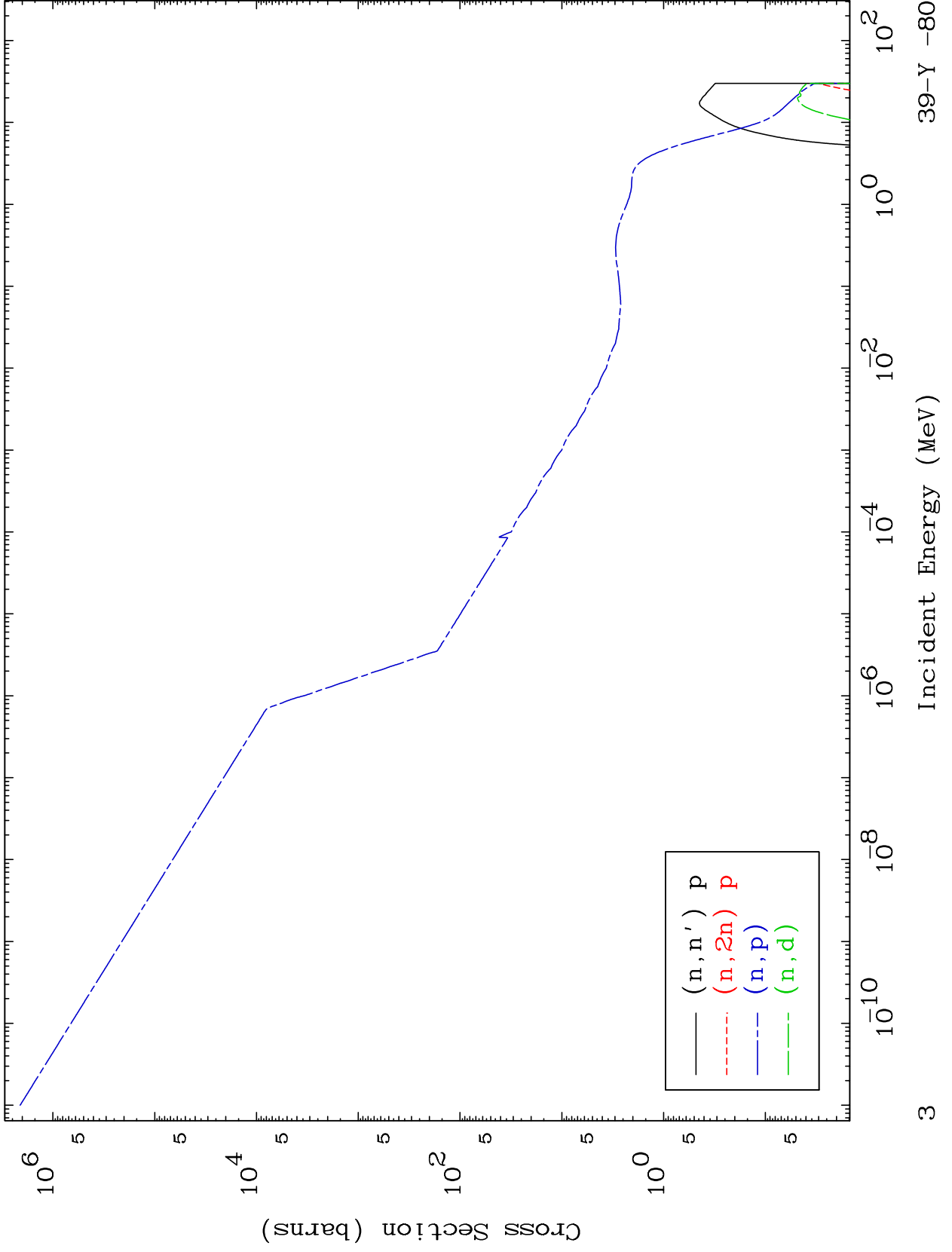
Incident Energy (MeV)

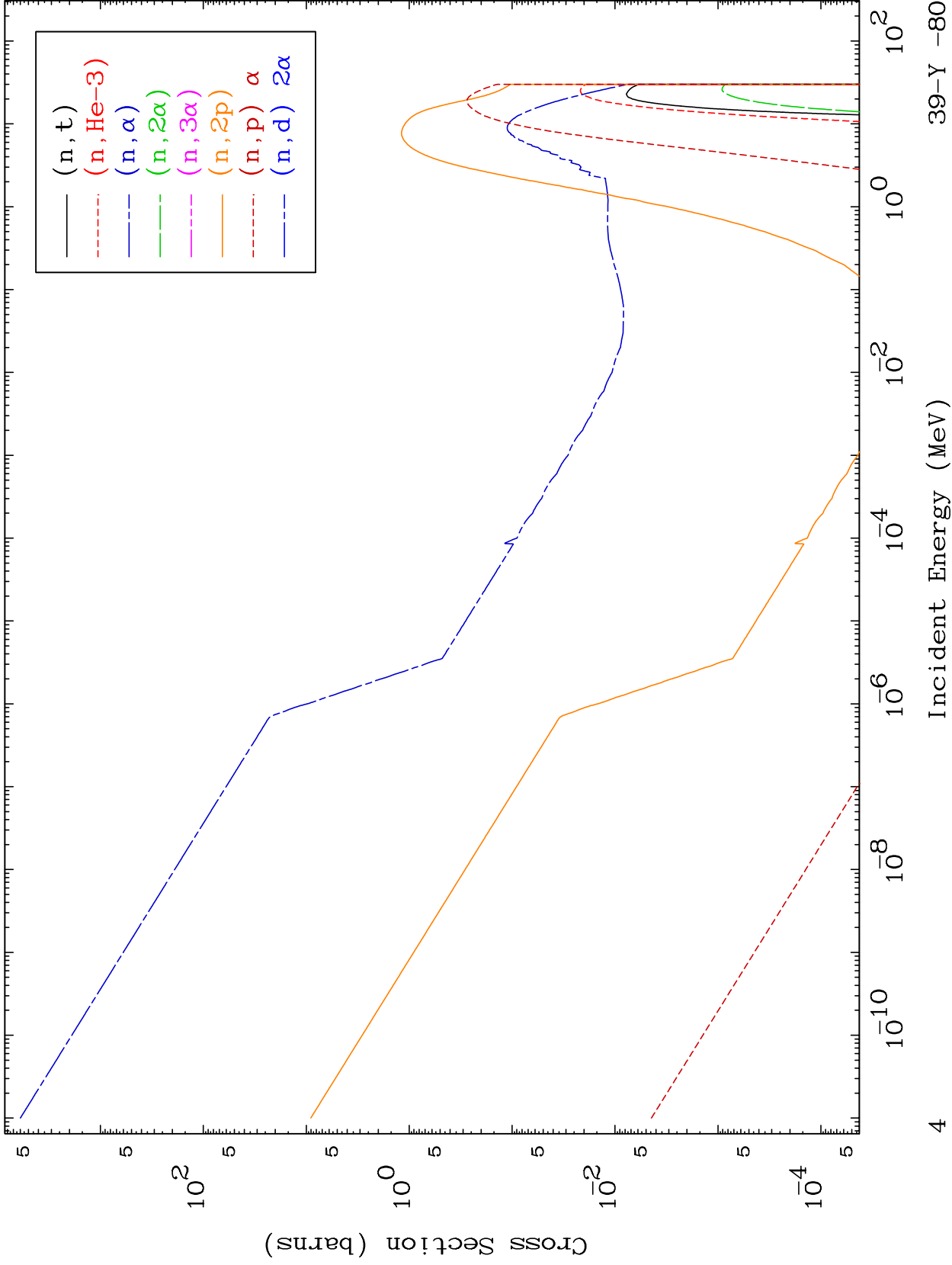
39-Y -80

MAT 3899

Charged Particle
293 Kelvin Cross Sections

39-Y -80

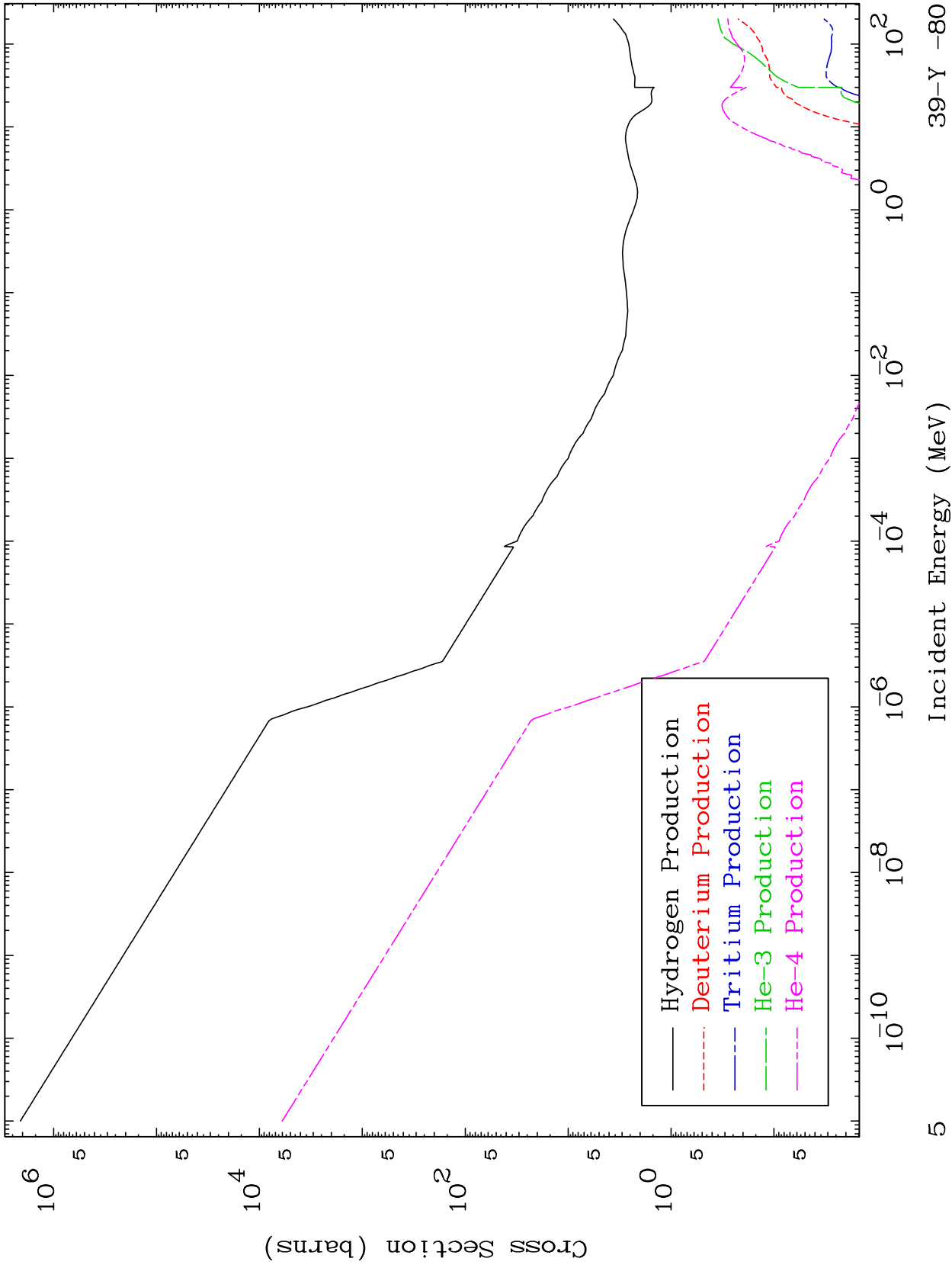




MAT 3899

Particle Production
293 Kelvin Cross Sections

39-Y -80



5

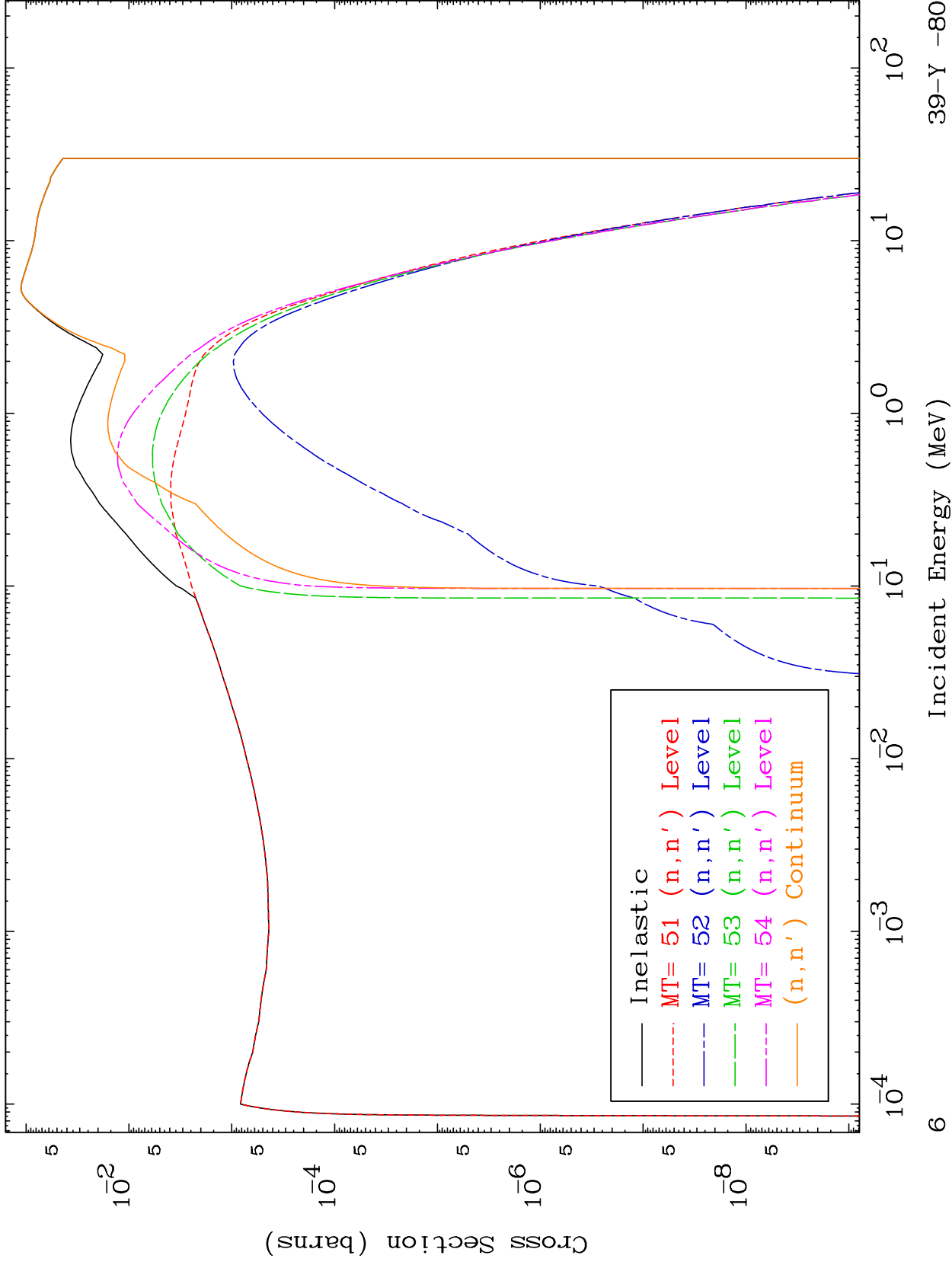
Incident Energy (MeV)

39-Y -80

MAT 3899

(n,n') Level
293 Kelvin Cross Sections

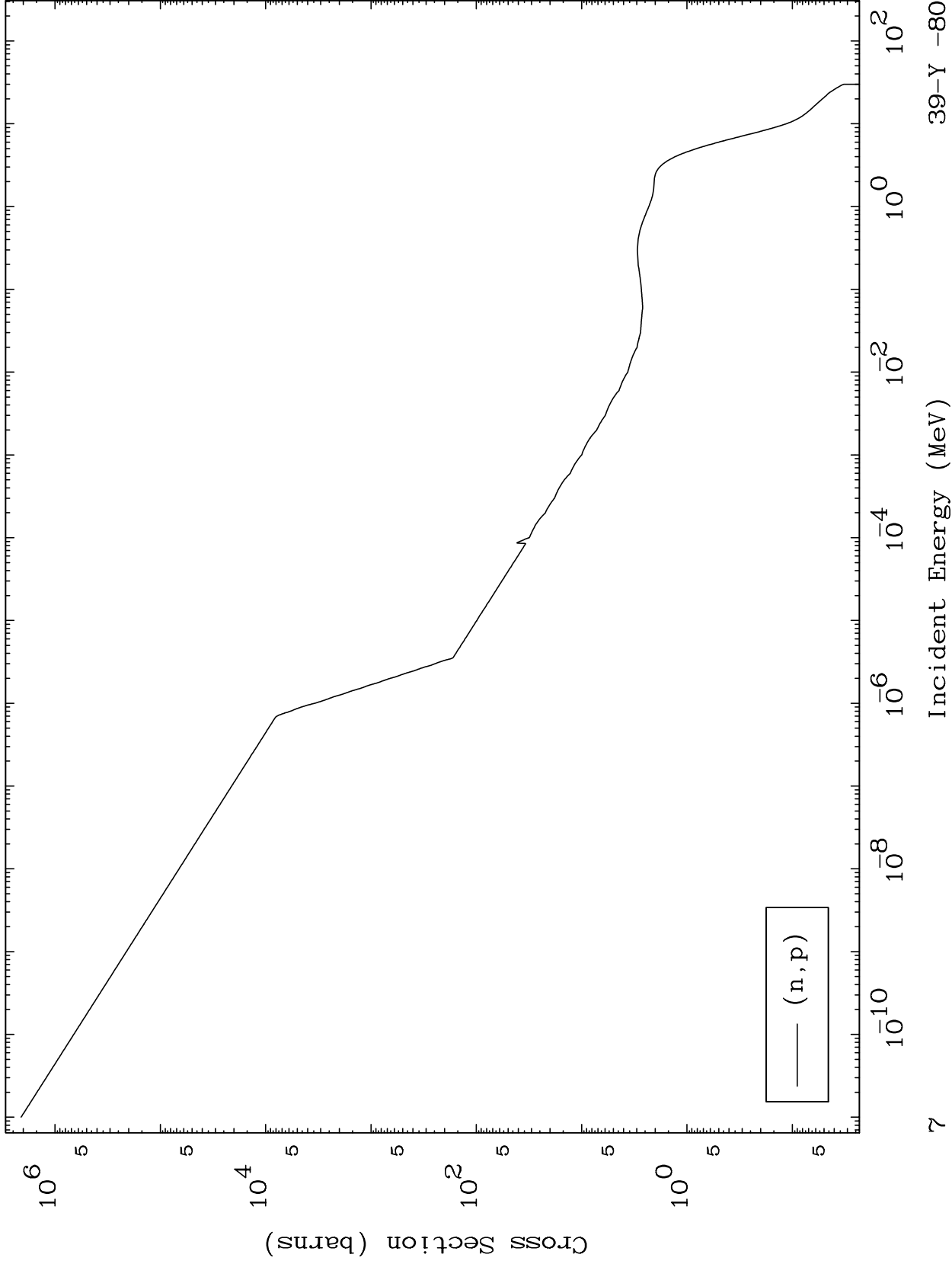
39-Y -80



MAT 3899

(n,p) Levels
293 Kelvin Cross Sections

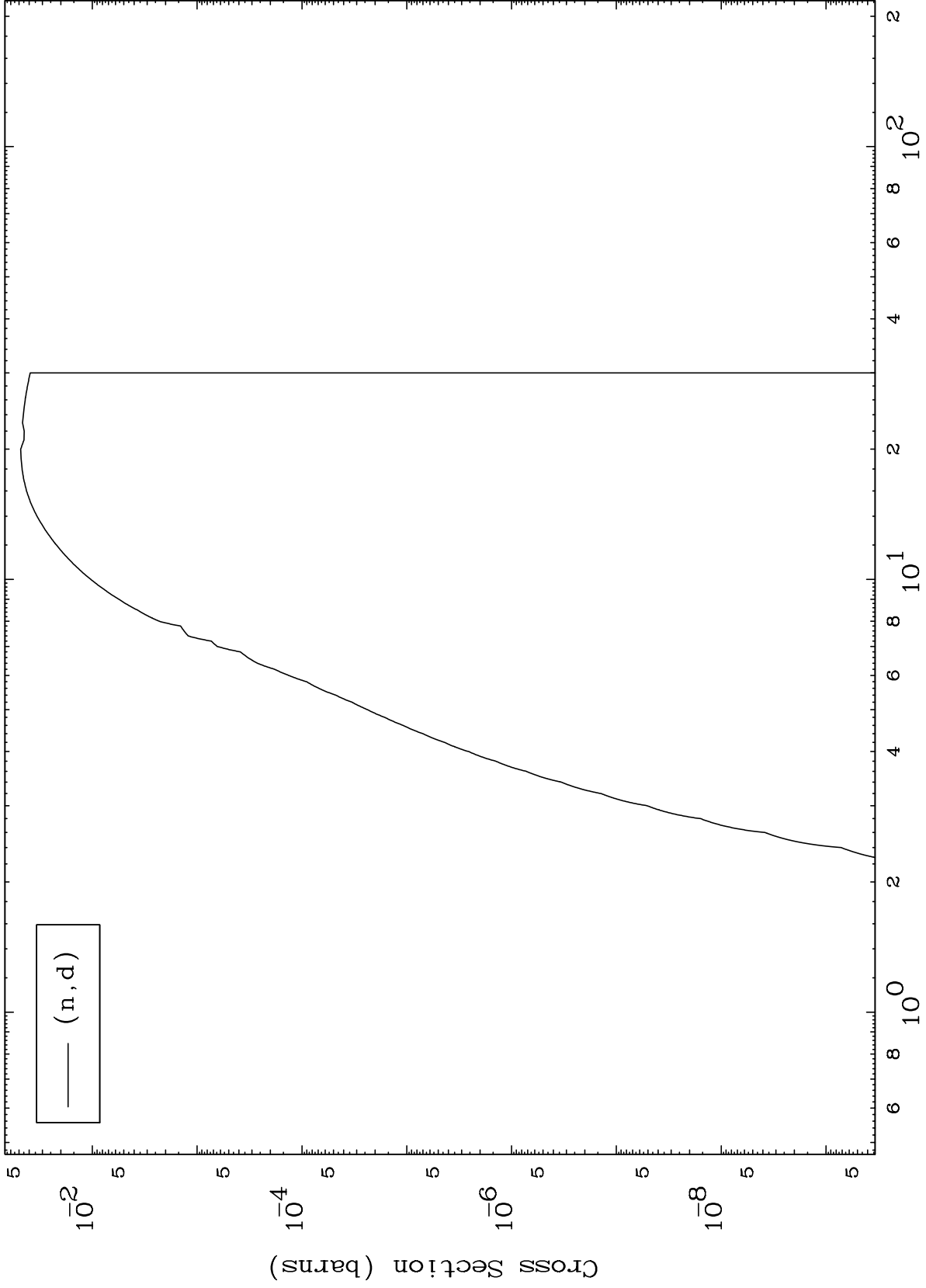
39-Y -80



MAT 3899

(n,d) Levels
293 Kelvin Cross Sections

39-Y -80



8

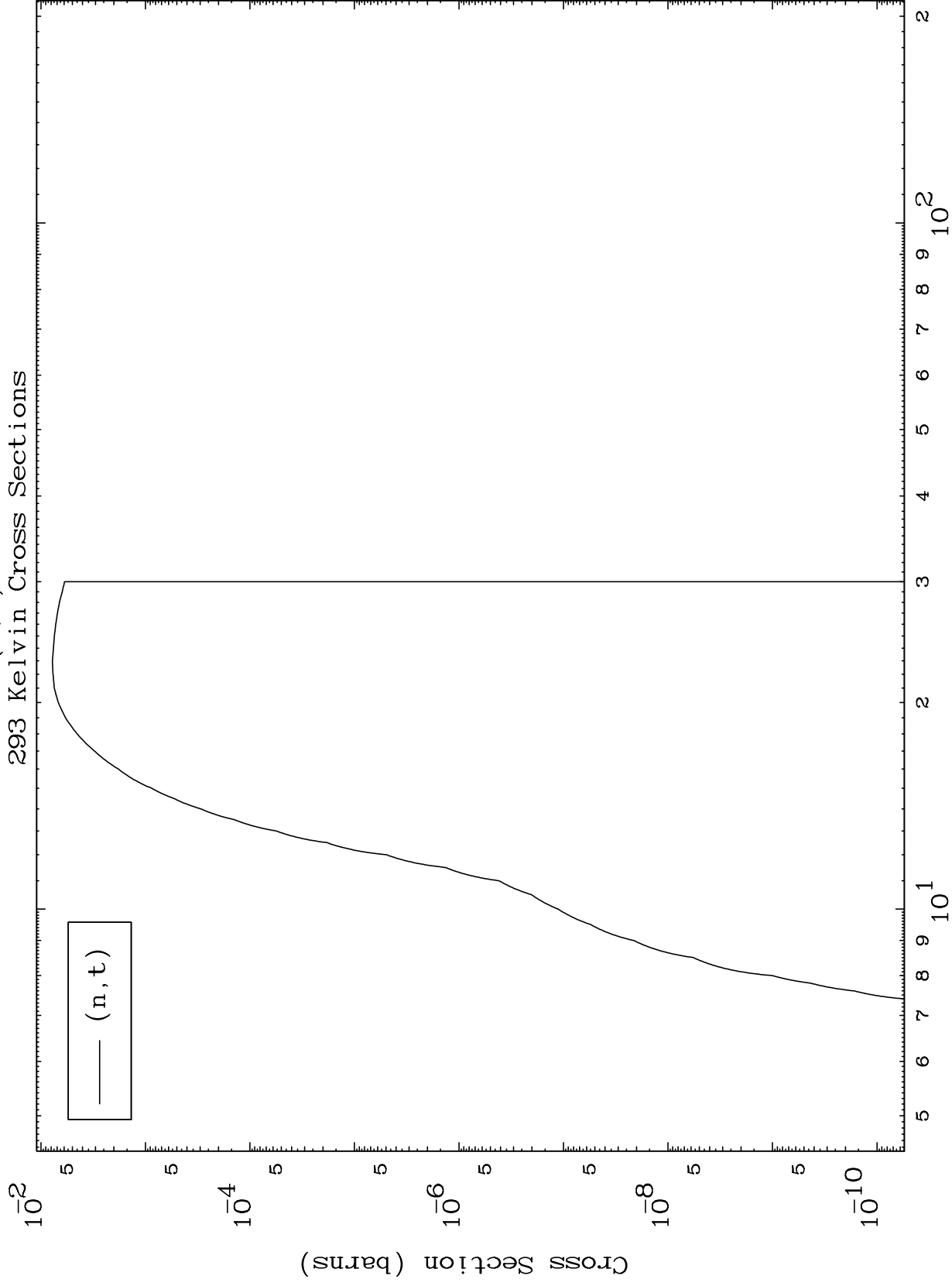
Incident Energy (MeV)

39-Y -80

MAT 3899

(n,t) Levels
293 Kelvin Cross Sections

39-Y -80



9

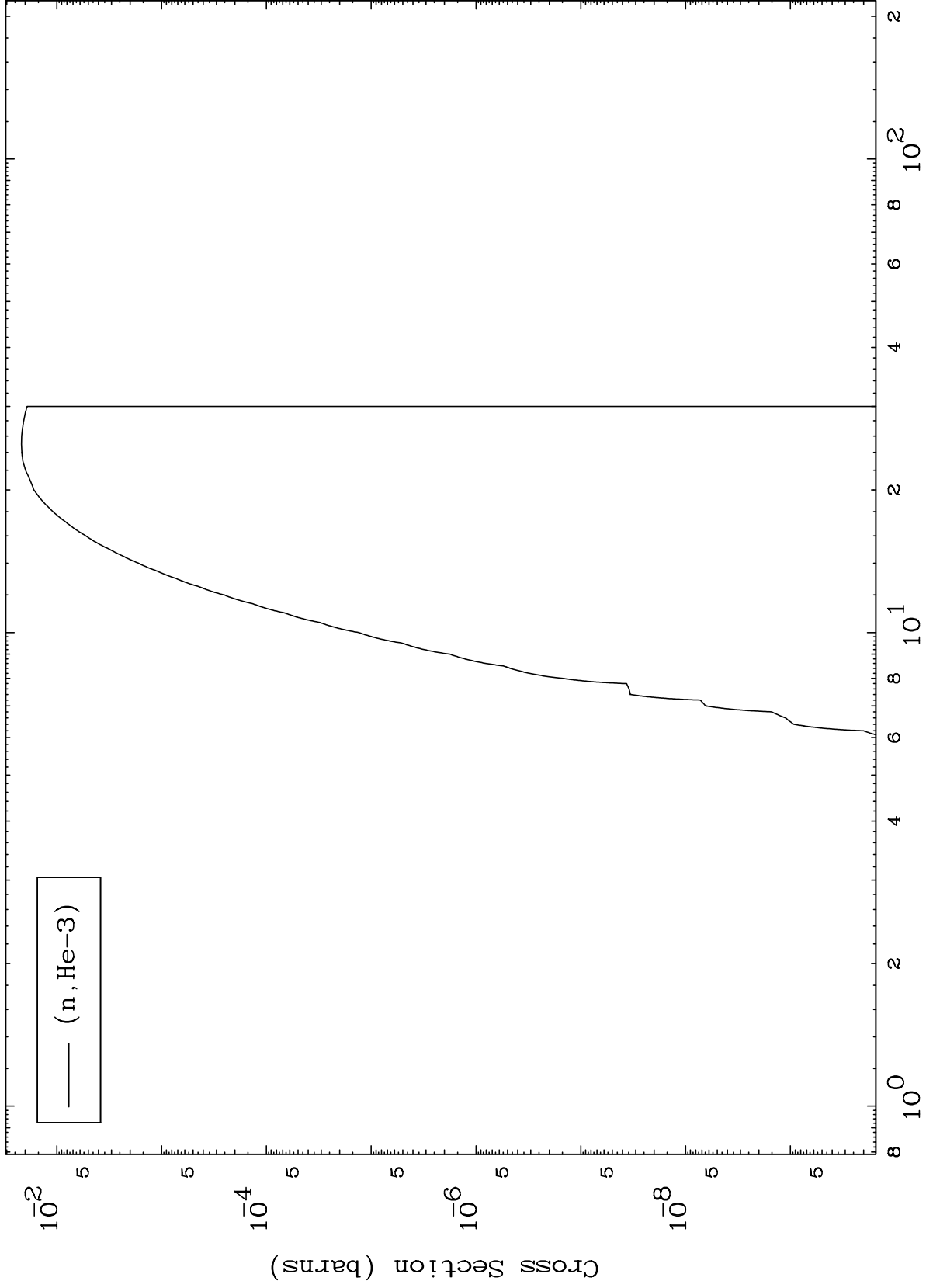
Incident Energy (MeV)

39-Y -80

MAT 3899

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -80



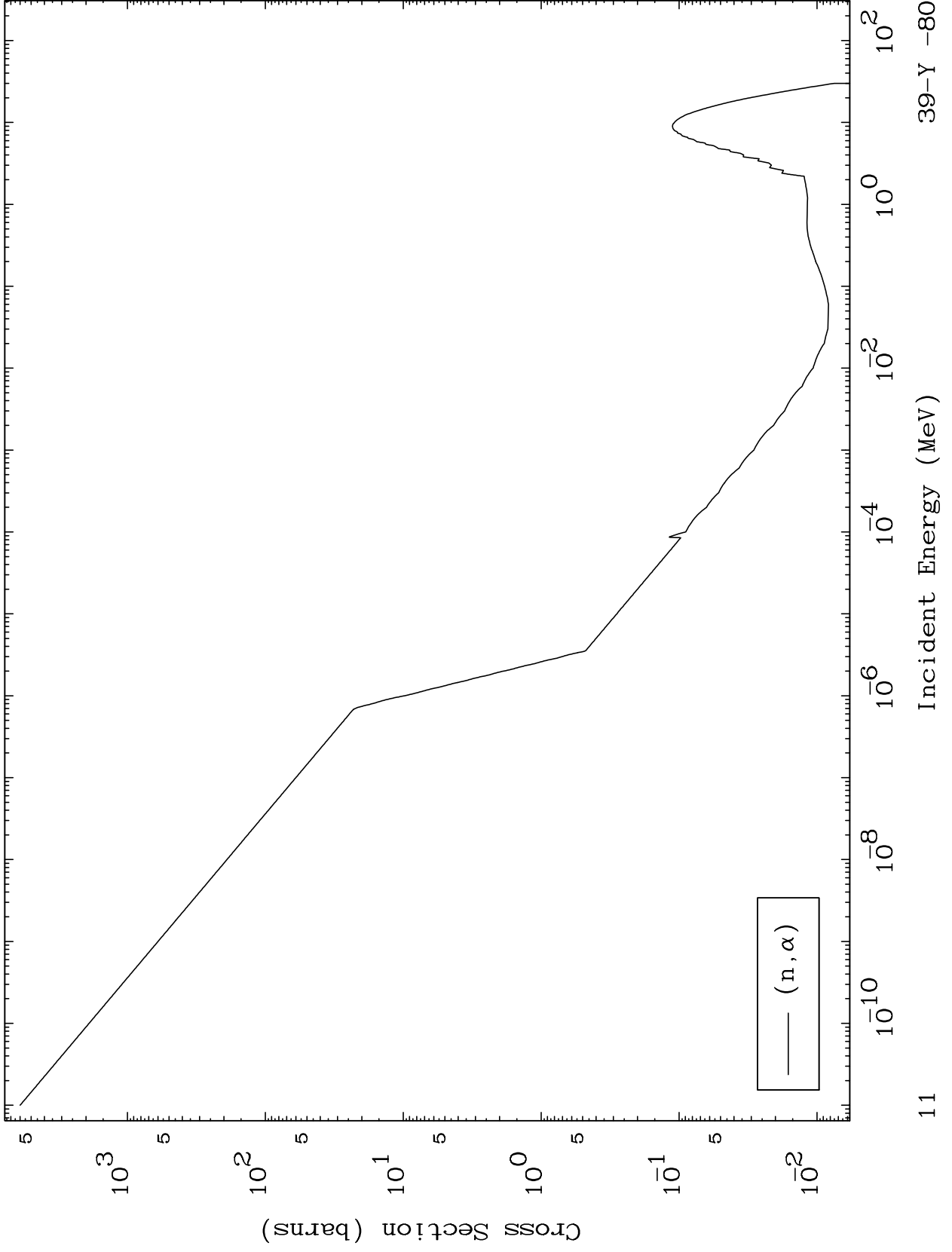
Incident Energy (MeV)

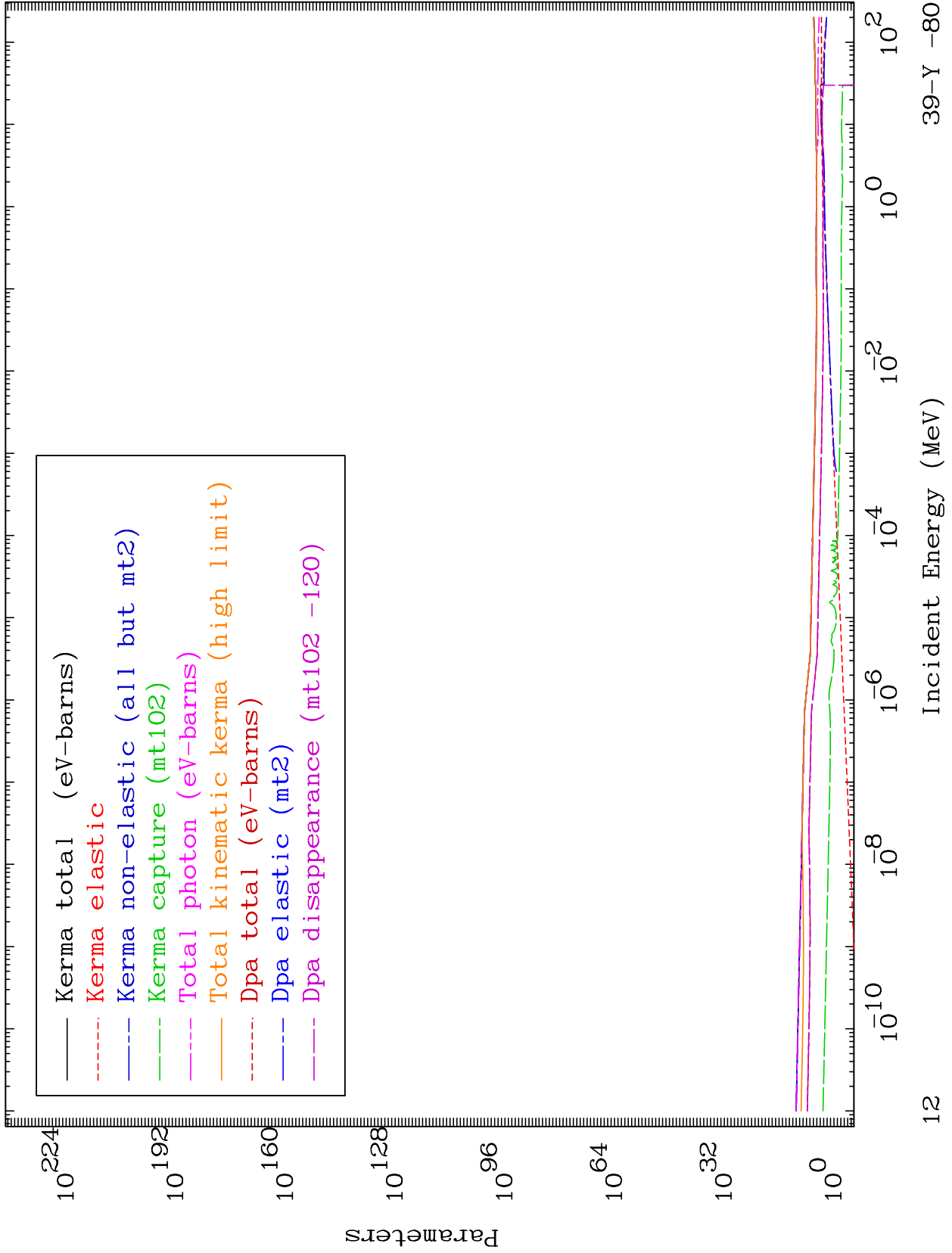
39-Y -80

MAT 3899

(n,α) Levels
293 Kelvin Cross Sections

39-Y -80

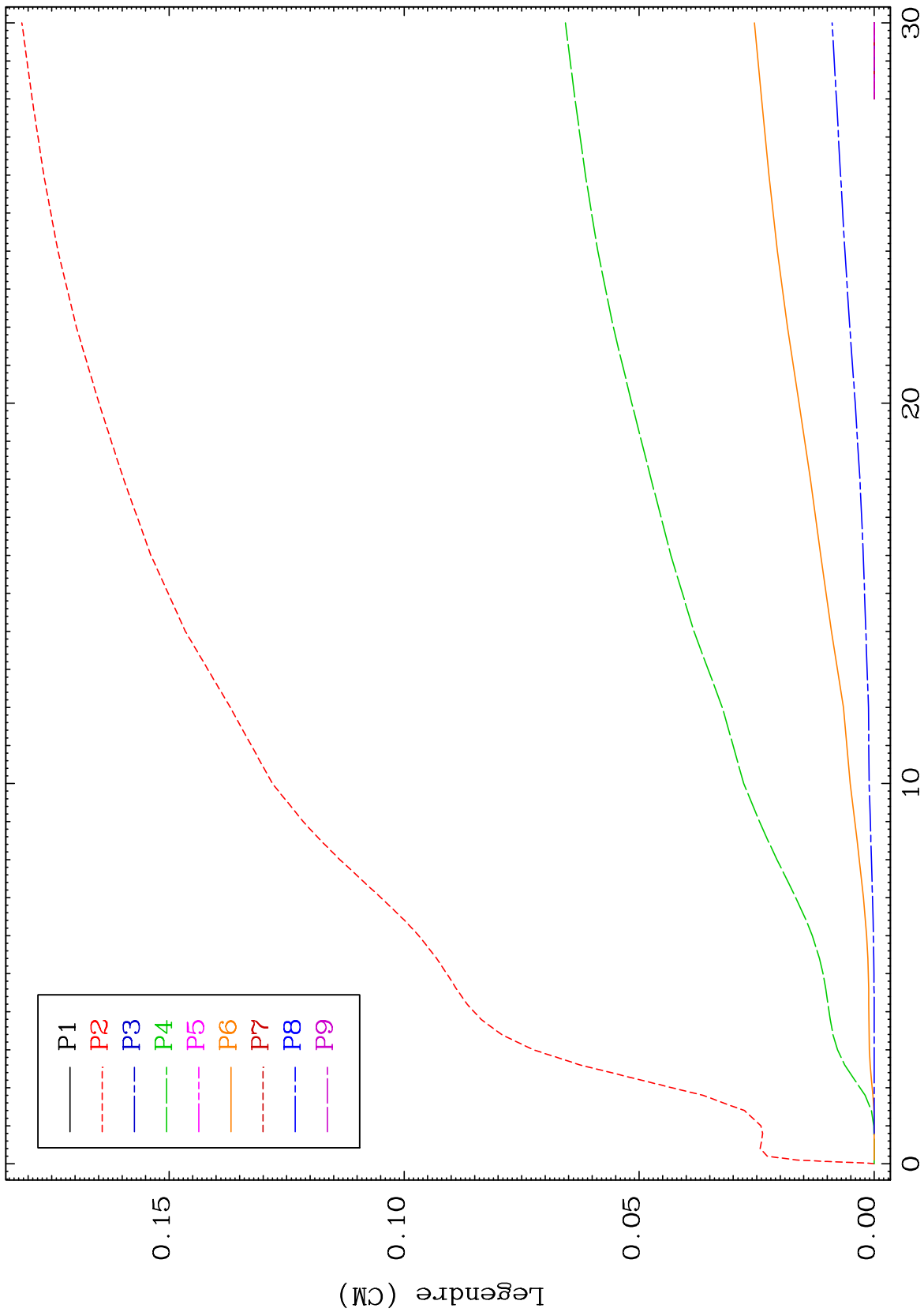




MAT 3899

Elastic Legendre Coefficients

39-Y -80



13

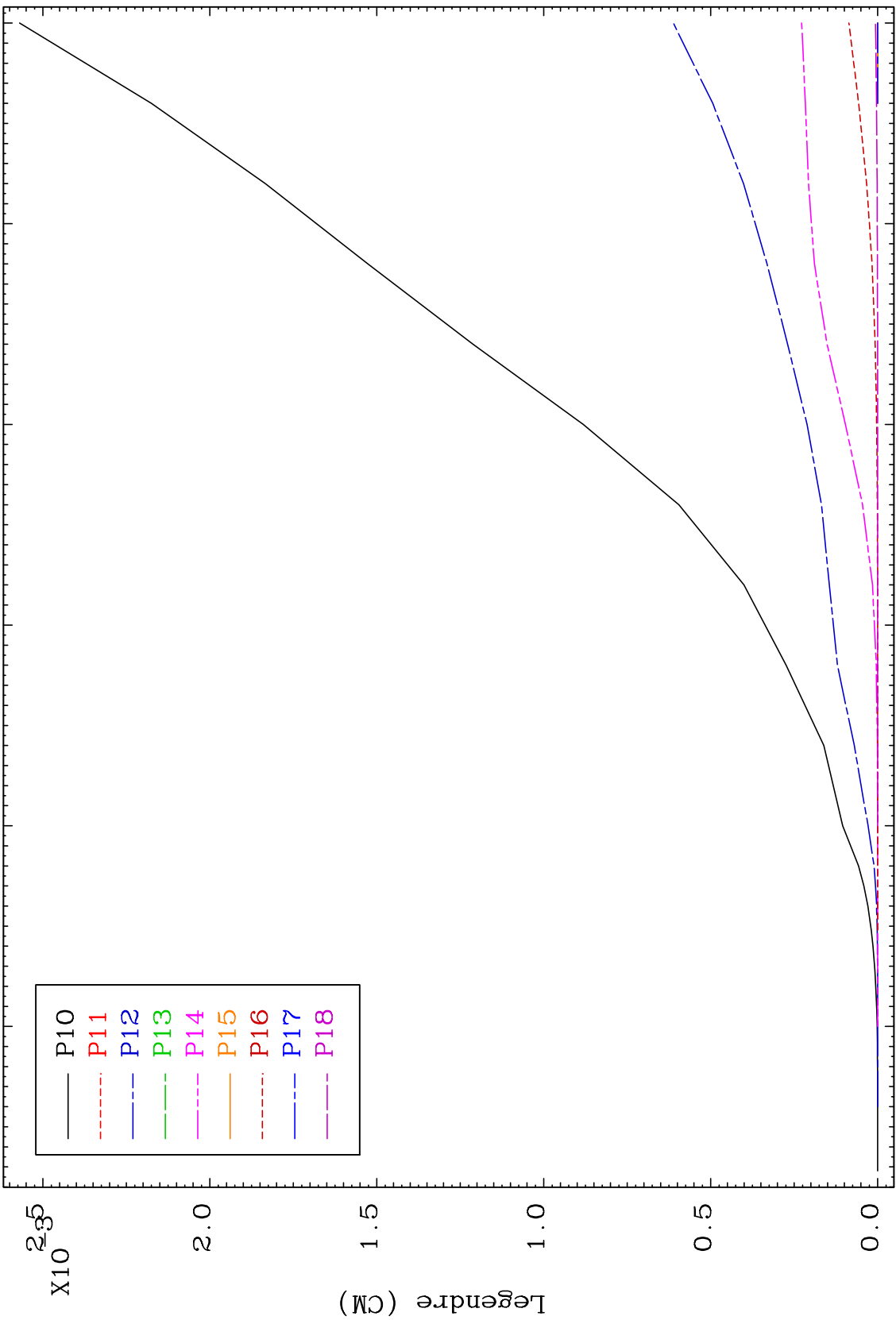
Incident Energy (MeV)

39-Y -80

MAT 3899

Elastic Legendre Coefficients

39-Y -80



14

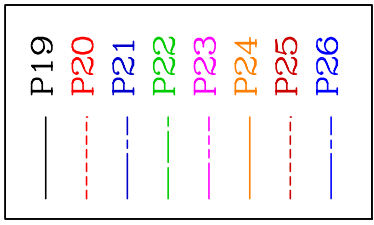
Incident Energy (MeV)

39-Y -80

MAT 3899

Elastic Legendre Coefficients

39-Y -80



$\times 10^{-4}$

Legendre (CM)



15

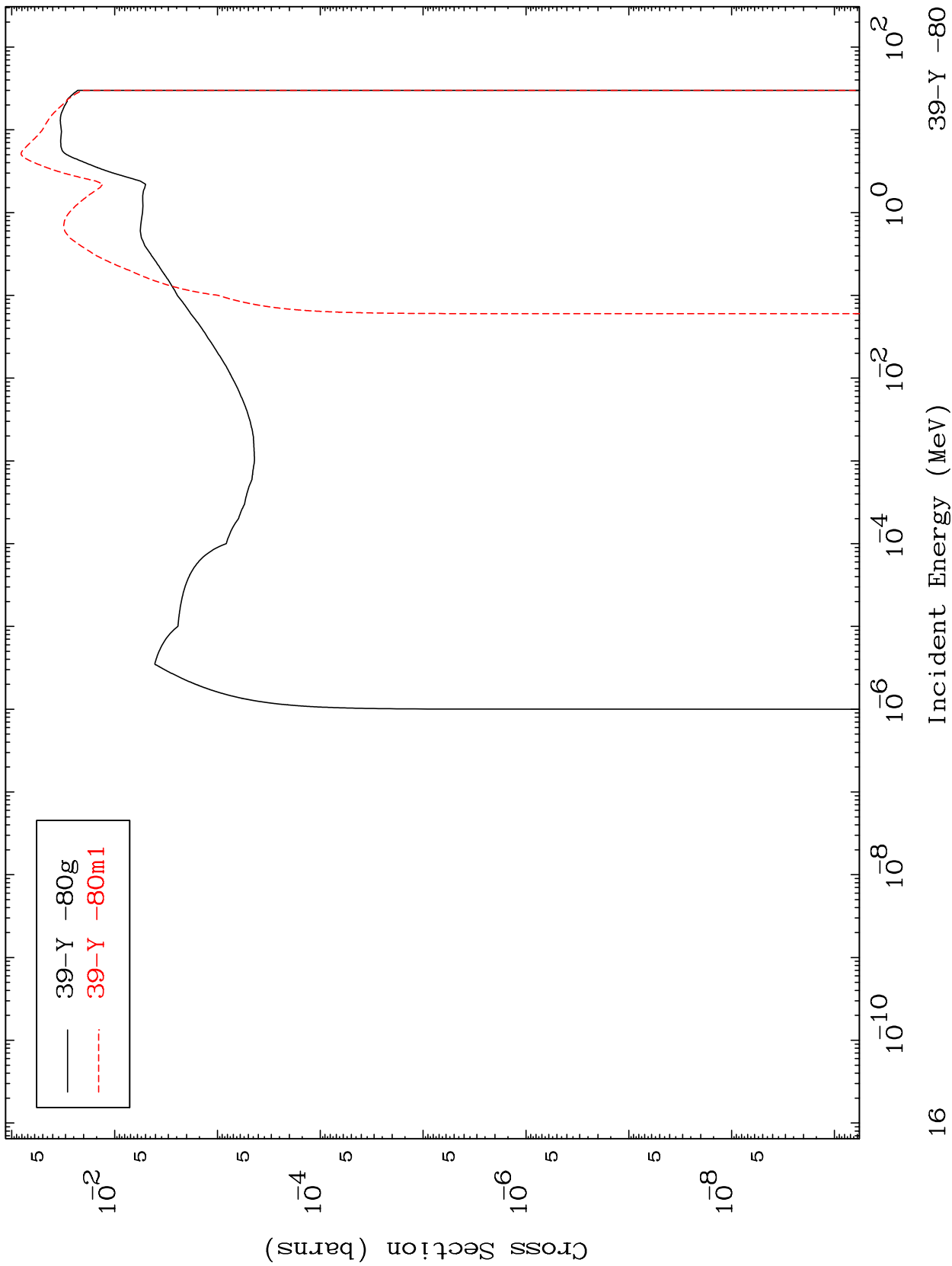
Incident Energy (MeV)

39-Y -80

MAT 3899

39-Y -80

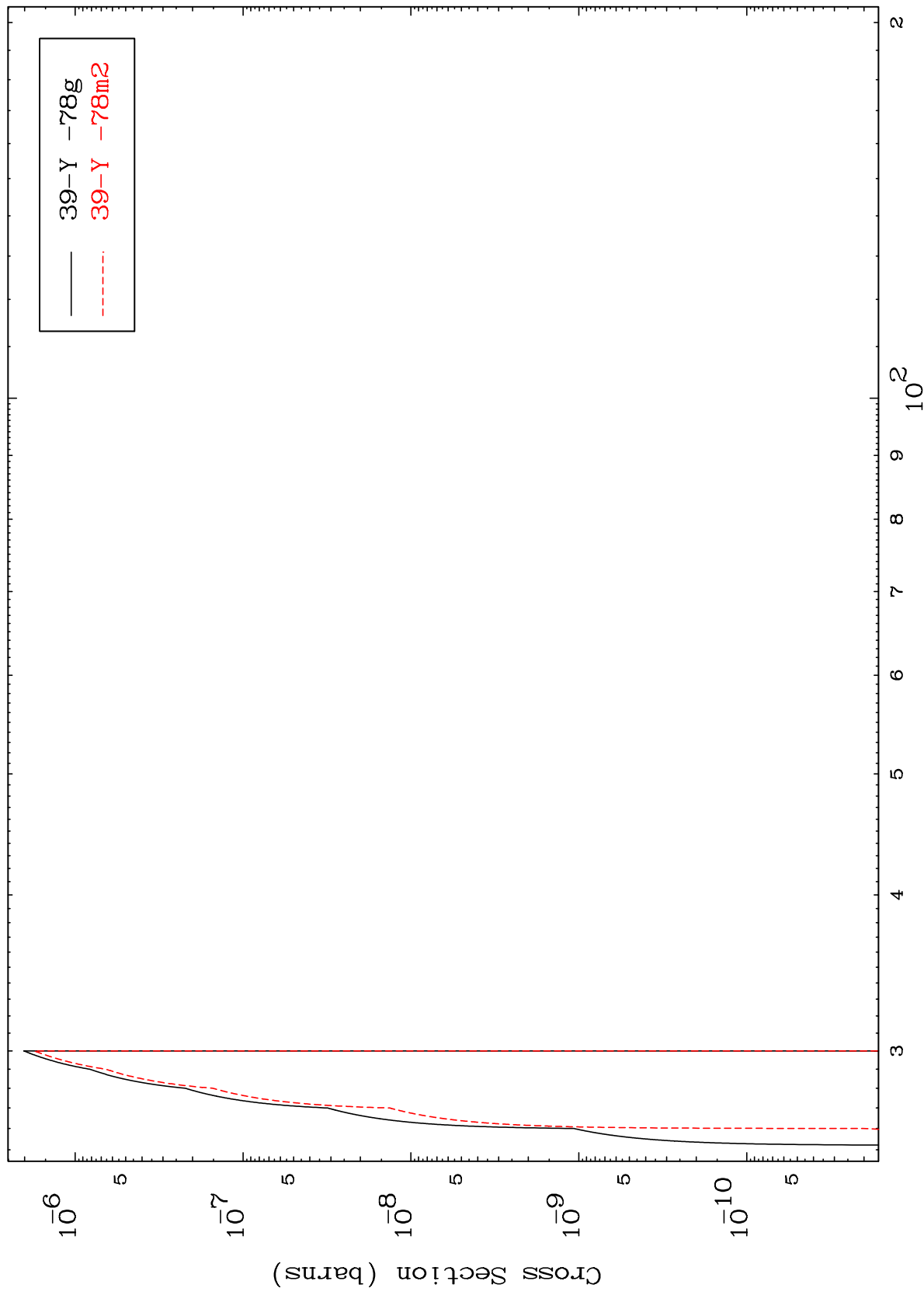
Inelastic
Radionuclide Production Cross Section



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39-Y -80

(n,3n)
Radionuclide Production Cross Section



17

39-Y -80

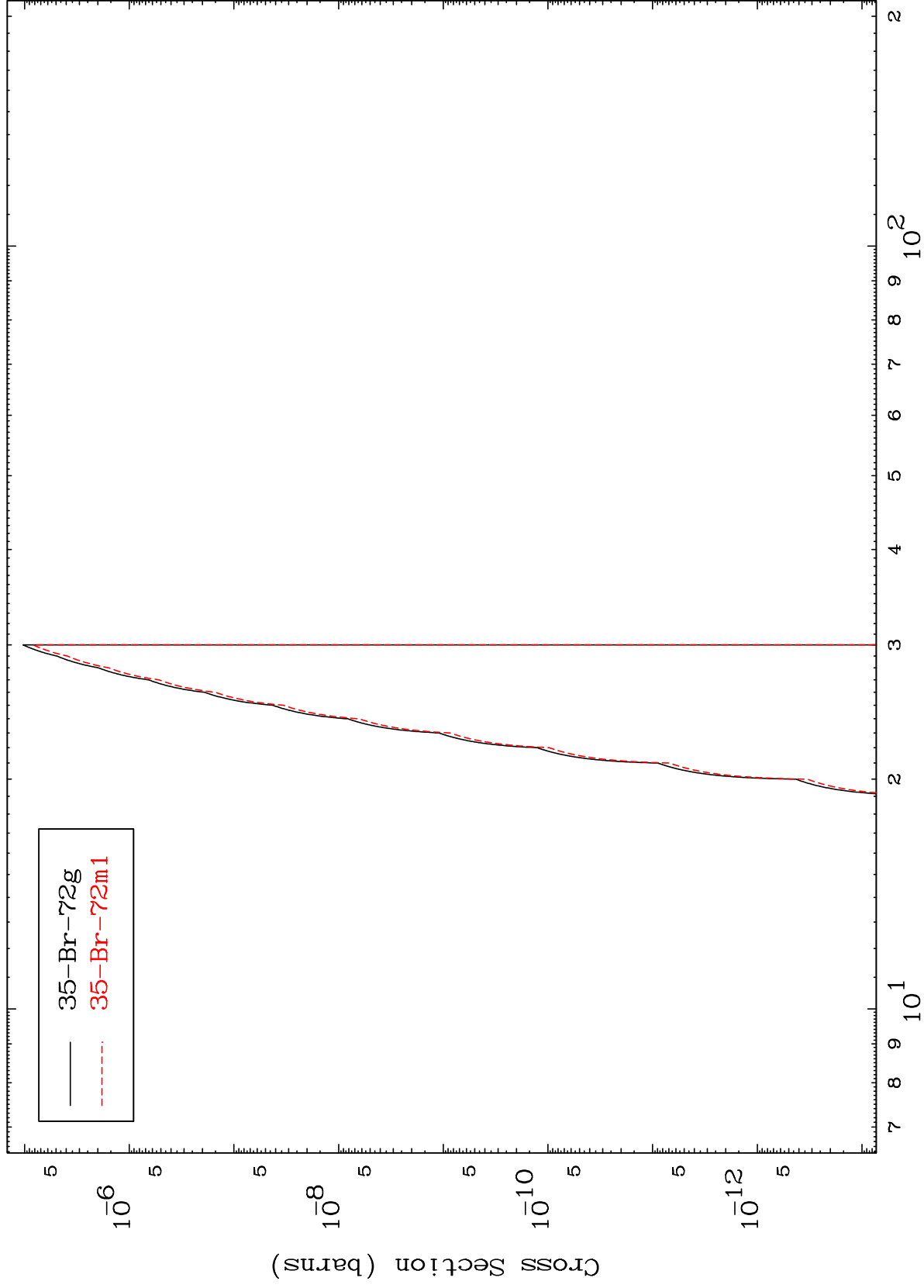
Incident Energy (MeV)

MAT 3899

(n, n') 2α

39-Y -80

Radionuclide Production Cross Section



18

Incident Energy (MeV)

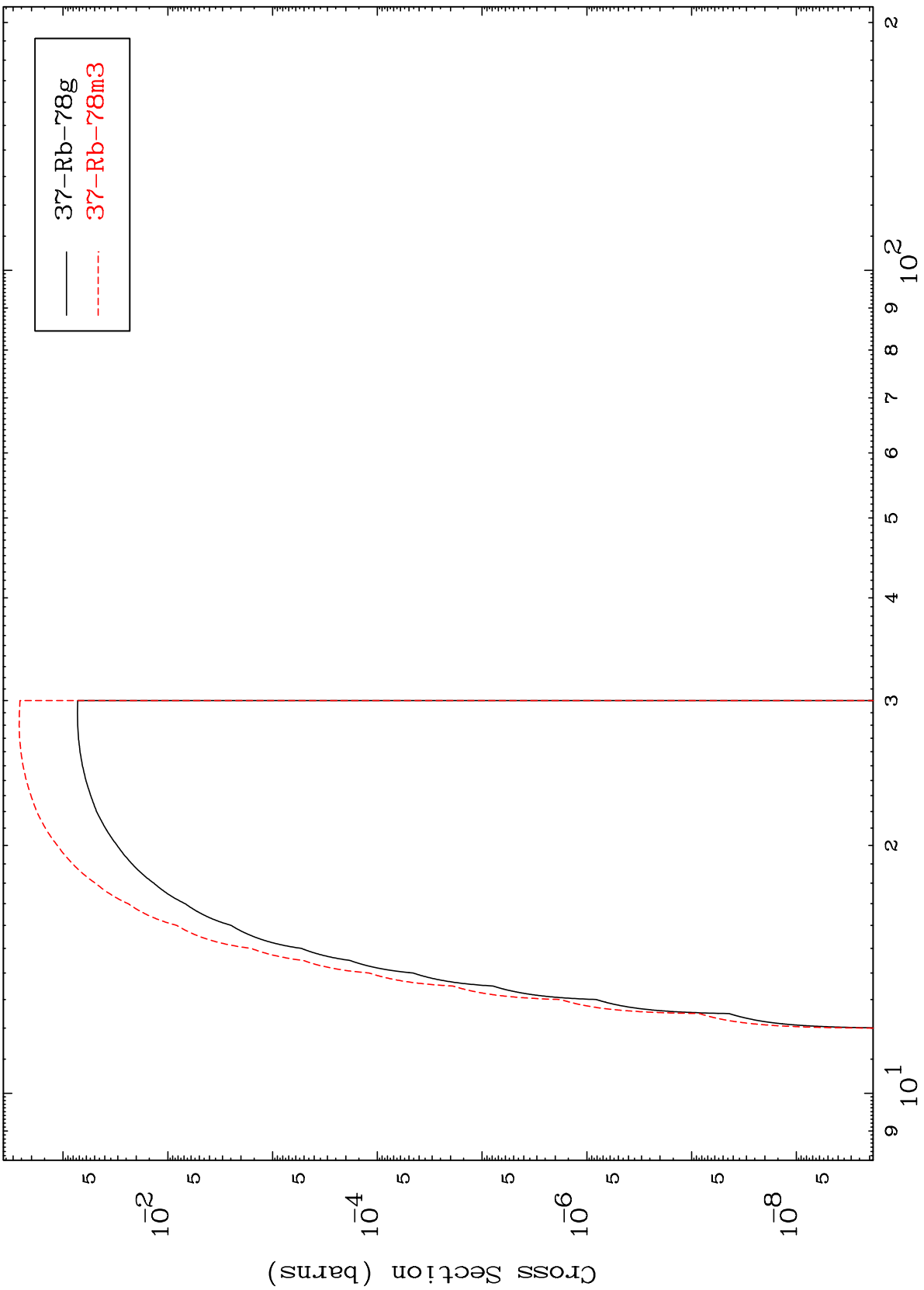
39-Y -80

MAT 3899

(n,2n) p

39-Y -80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

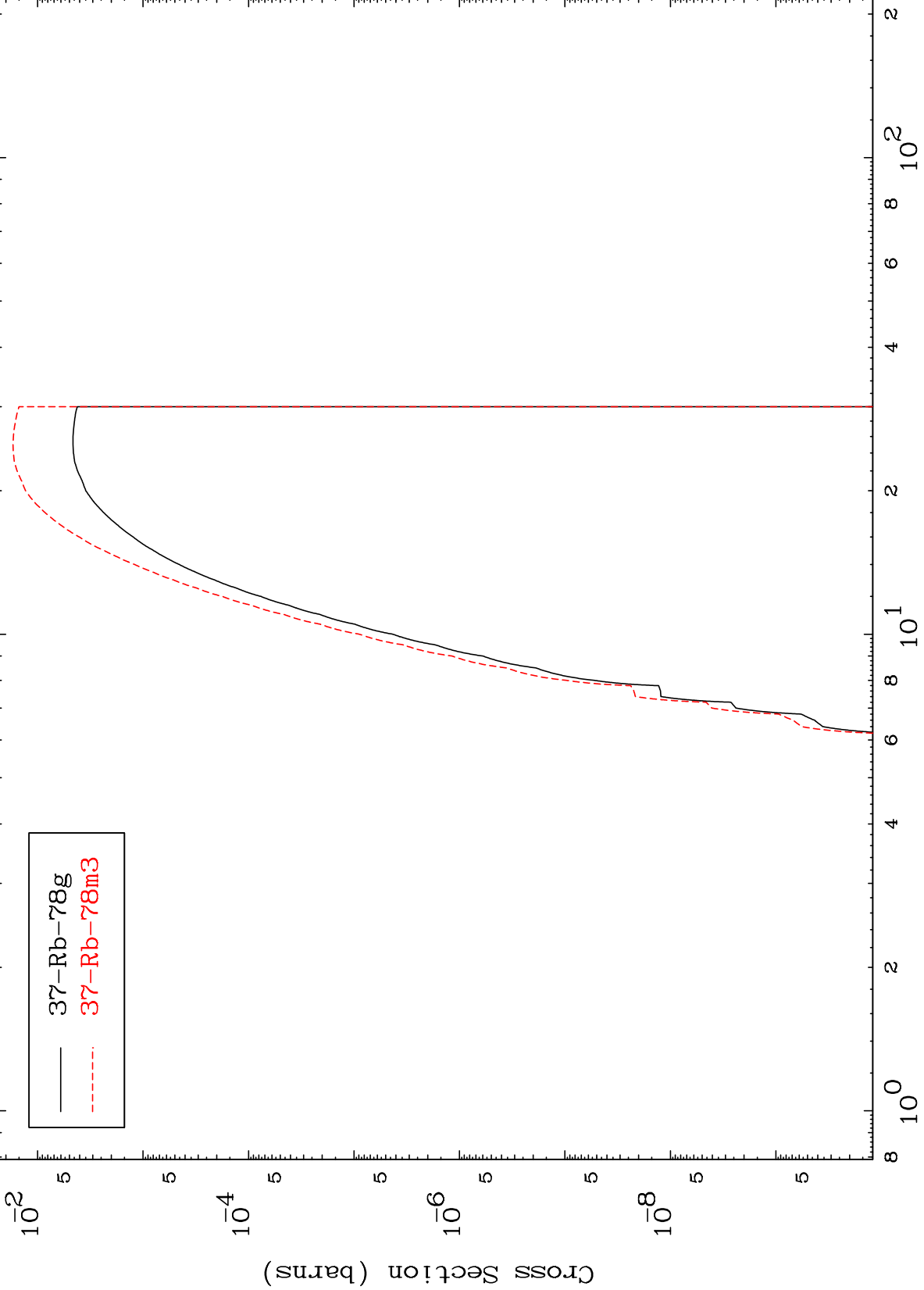
39-Y -80

MAT 3899

(n,He-3)

39-Y -80

Radionuclide Production Cross Section



20

Incident Energy (MeV)

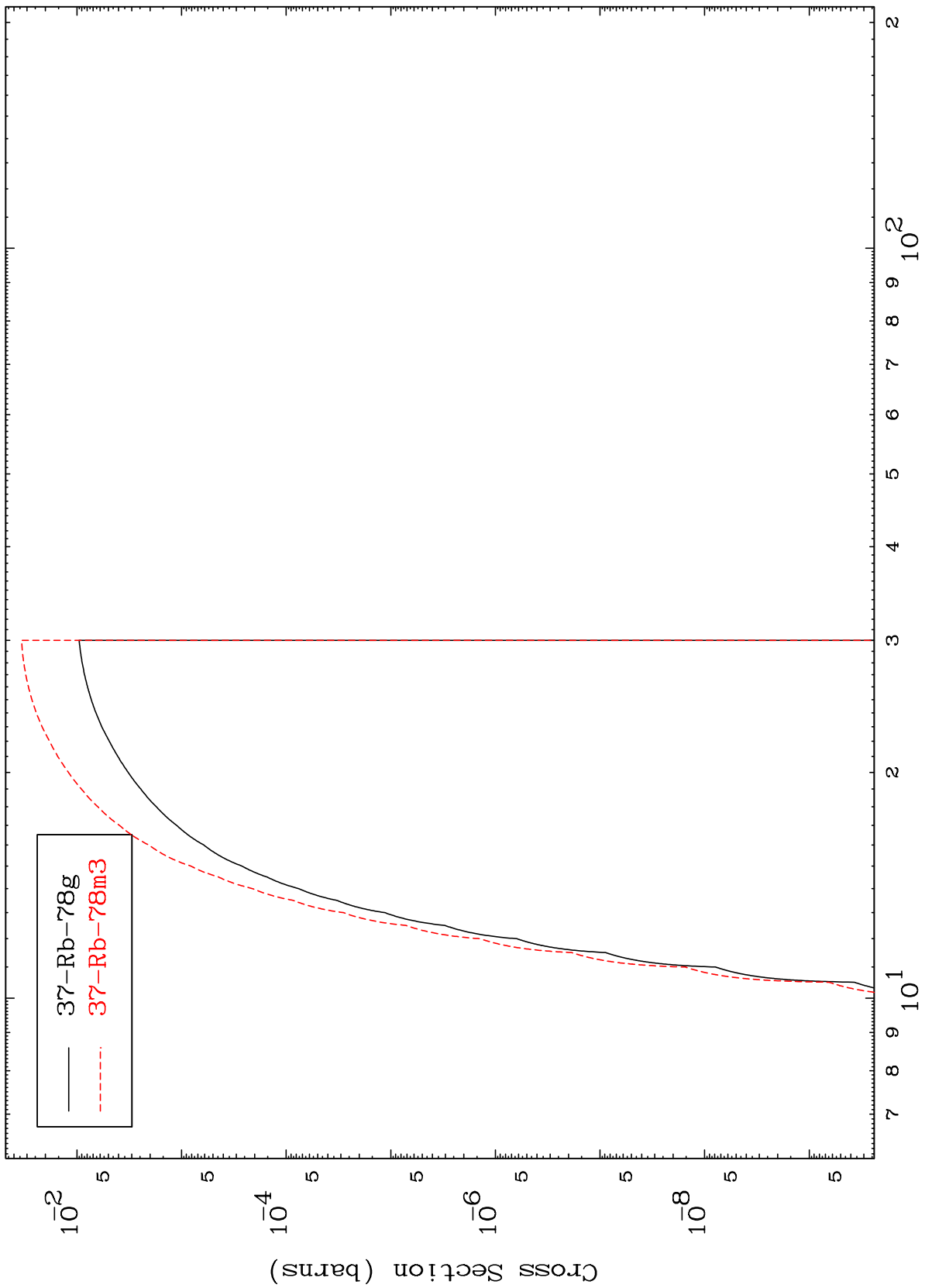
39-Y -80

MAT 3899

(n,p) d

39-Y -80

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

Incident Energy (MeV)

39-Y -80