

Program EVALPLOT
(Version 2017-1)

by

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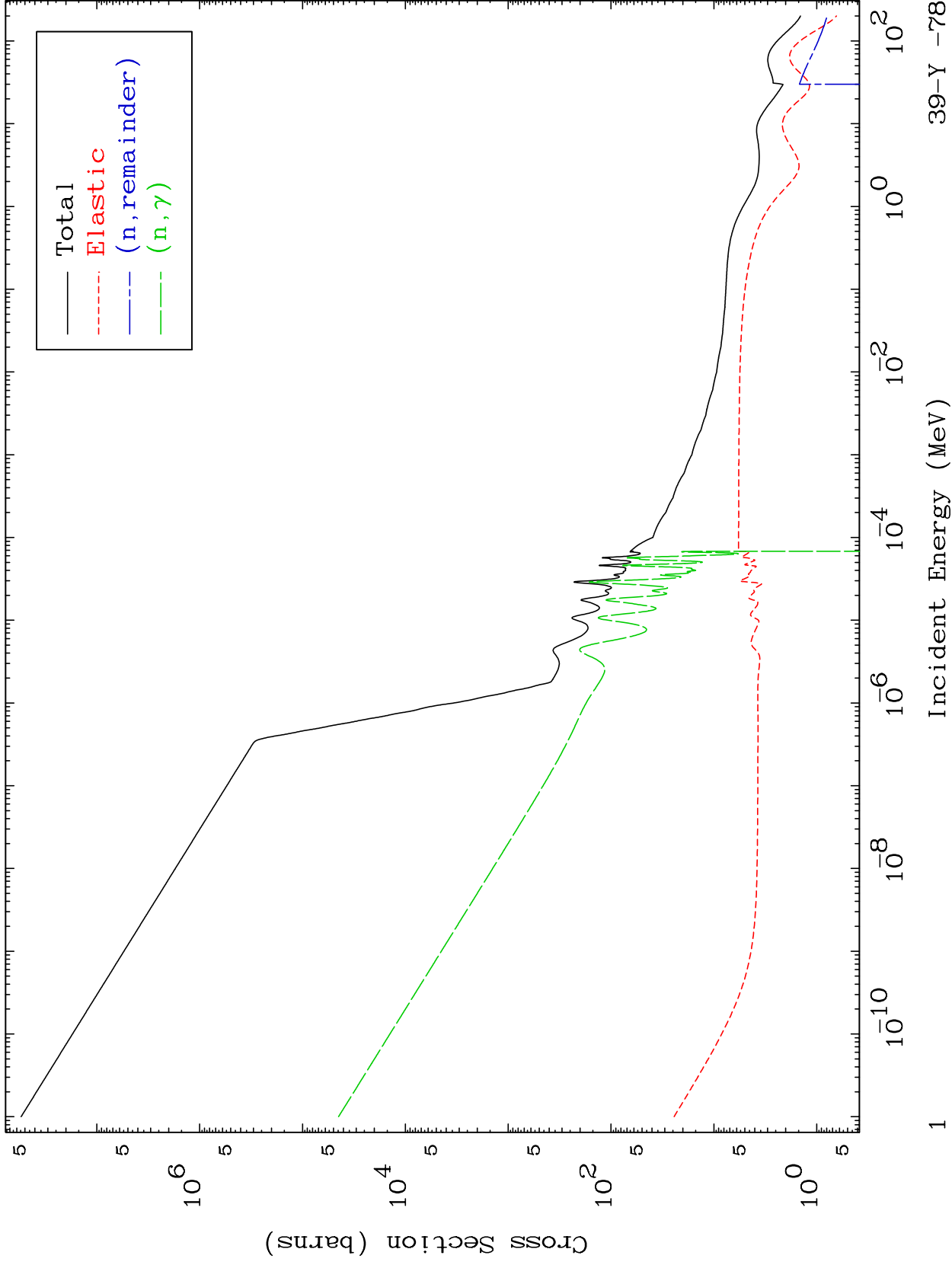
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3893

Major
293 Kelvin Cross Sections

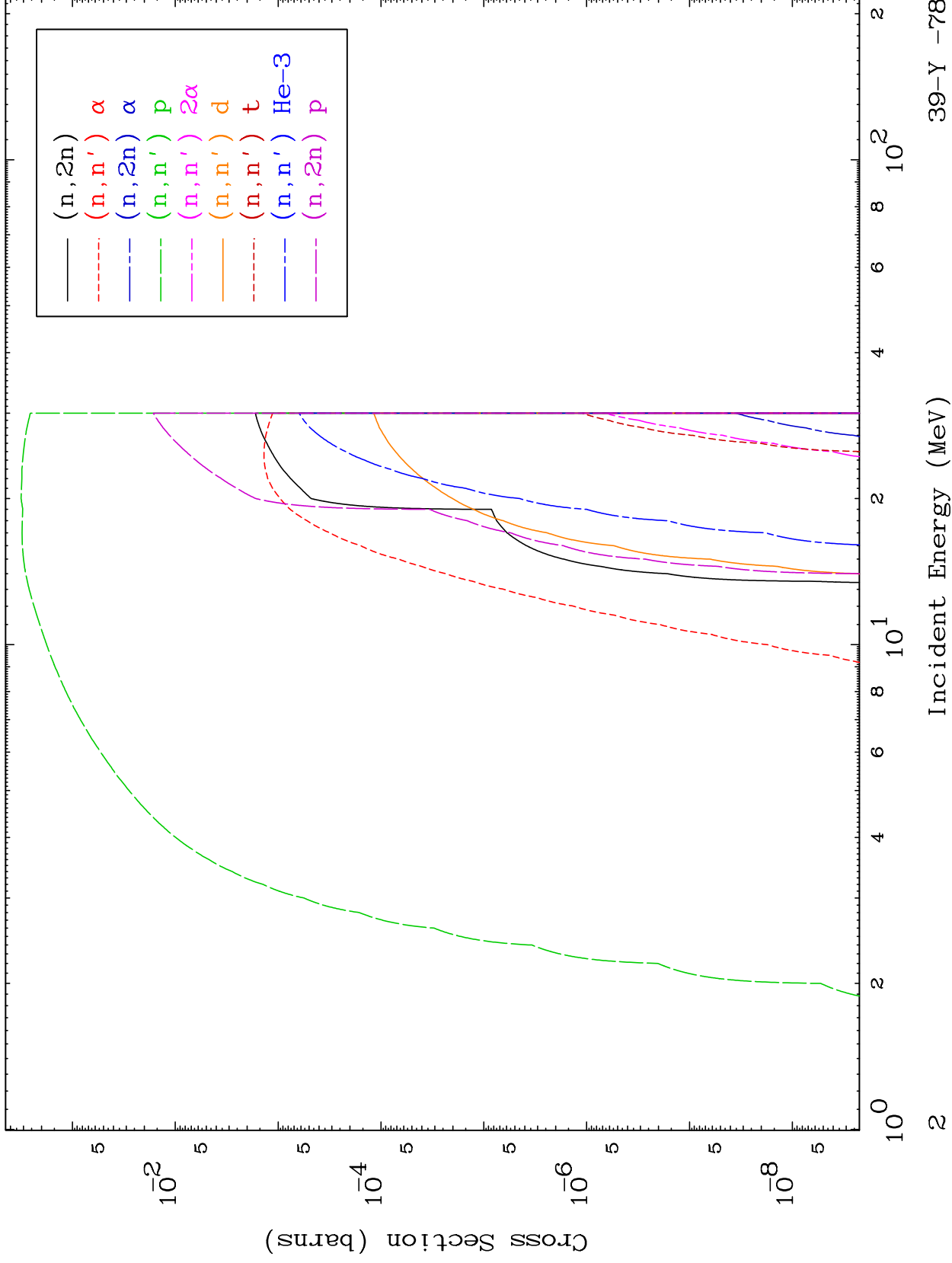
39-Y -78



MAT 3893

Neutron Production
293 Kelvin Cross Sections

39-Y -78



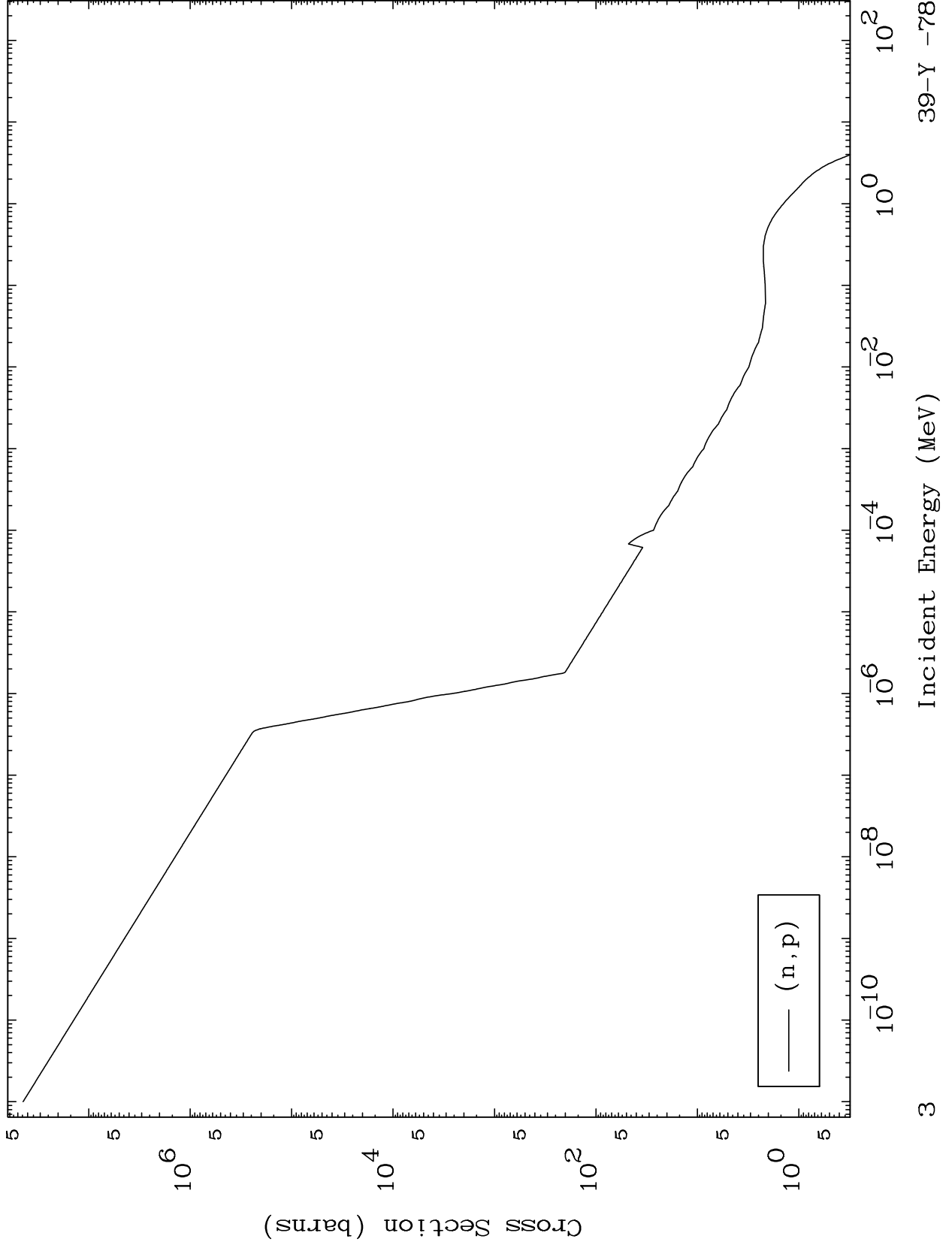
39-Y -78

Incident Energy (MeV)

MAT 3893

Charged Particle
293 Kelvin Cross Sections

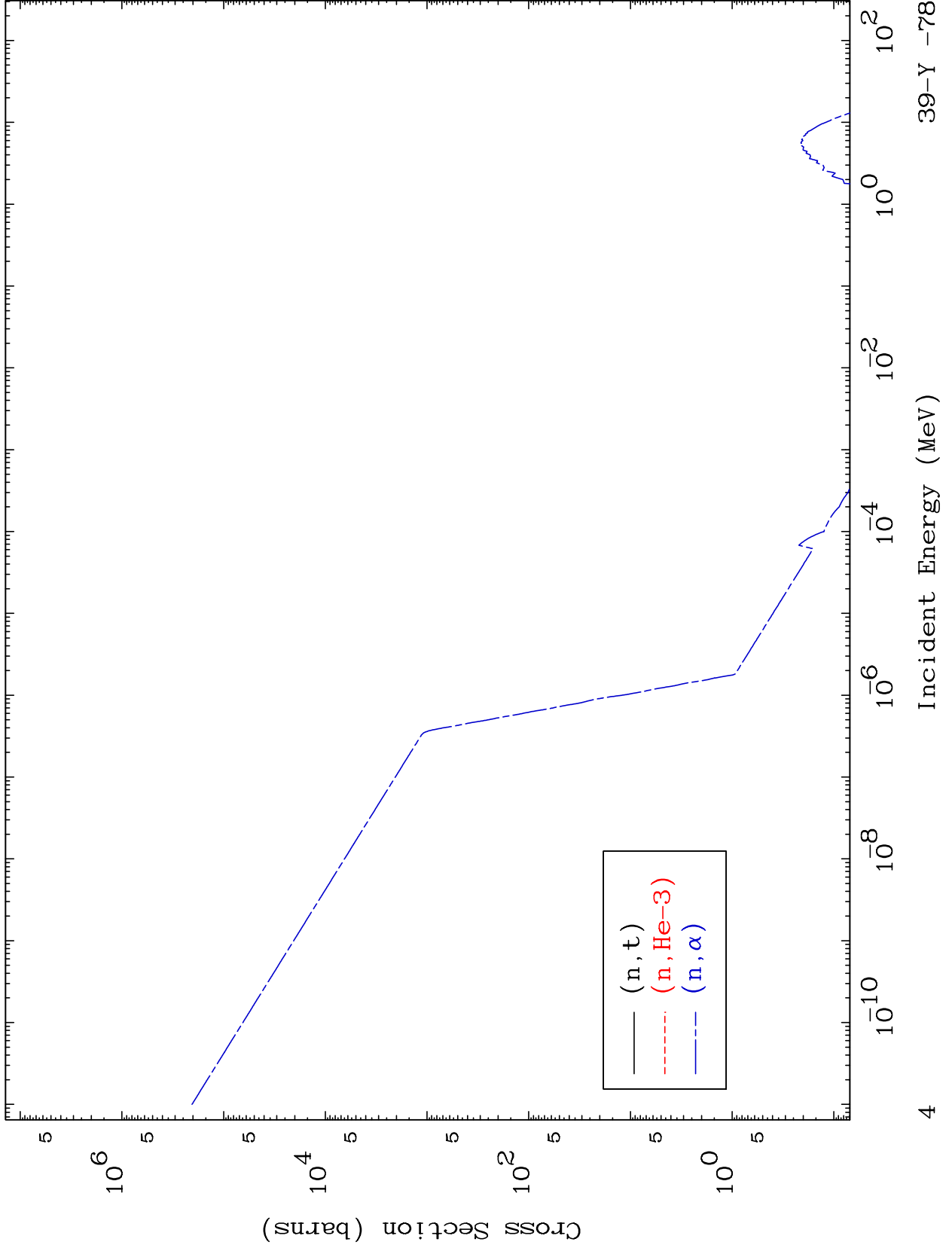
39-Y -78



MAT 3893

Charged Particle
293 Kelvin Cross Sections

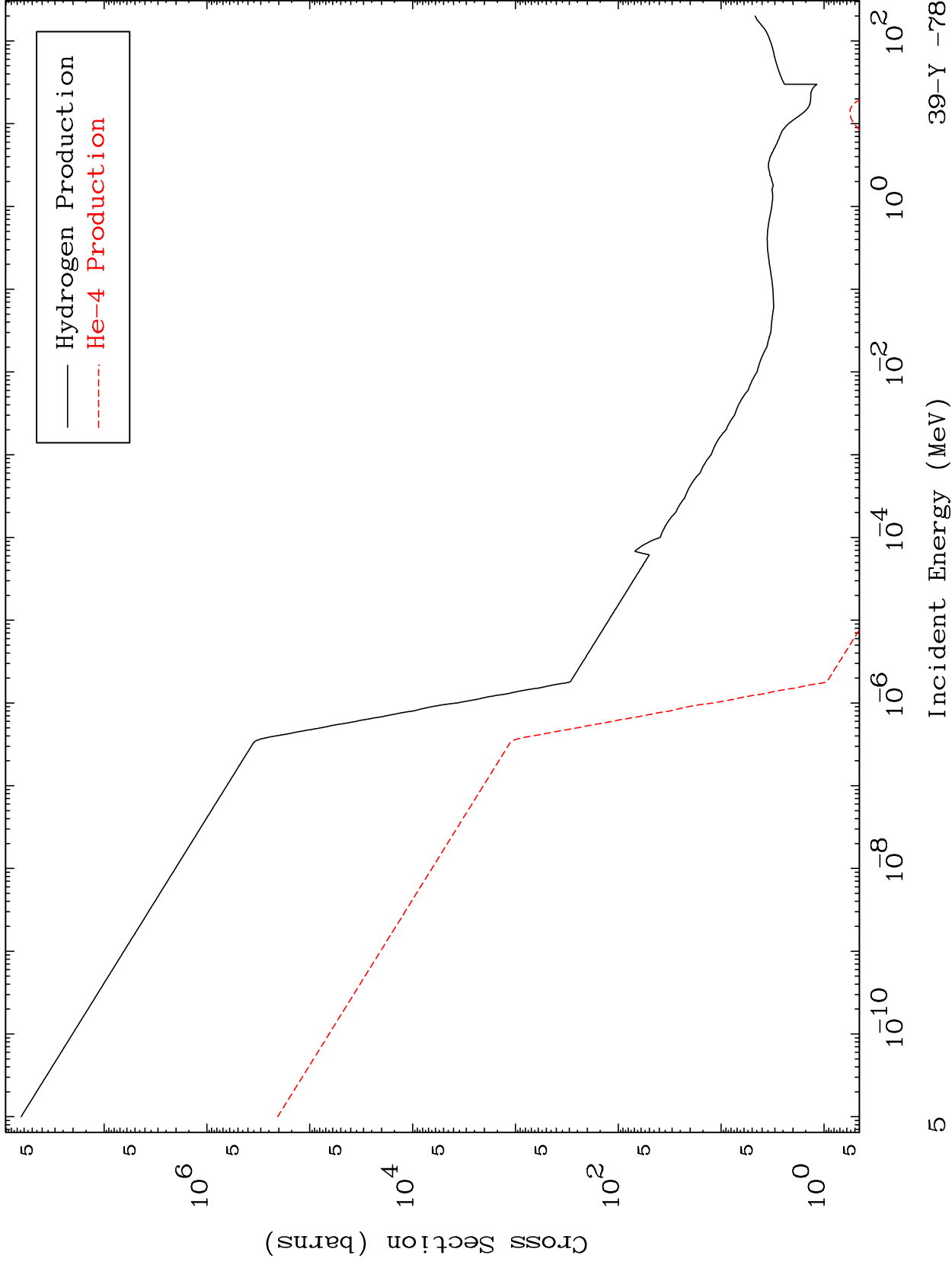
39-Y -78



MAT 3893

Particle Production
293 Kelvin Cross Sections

39-Y -78



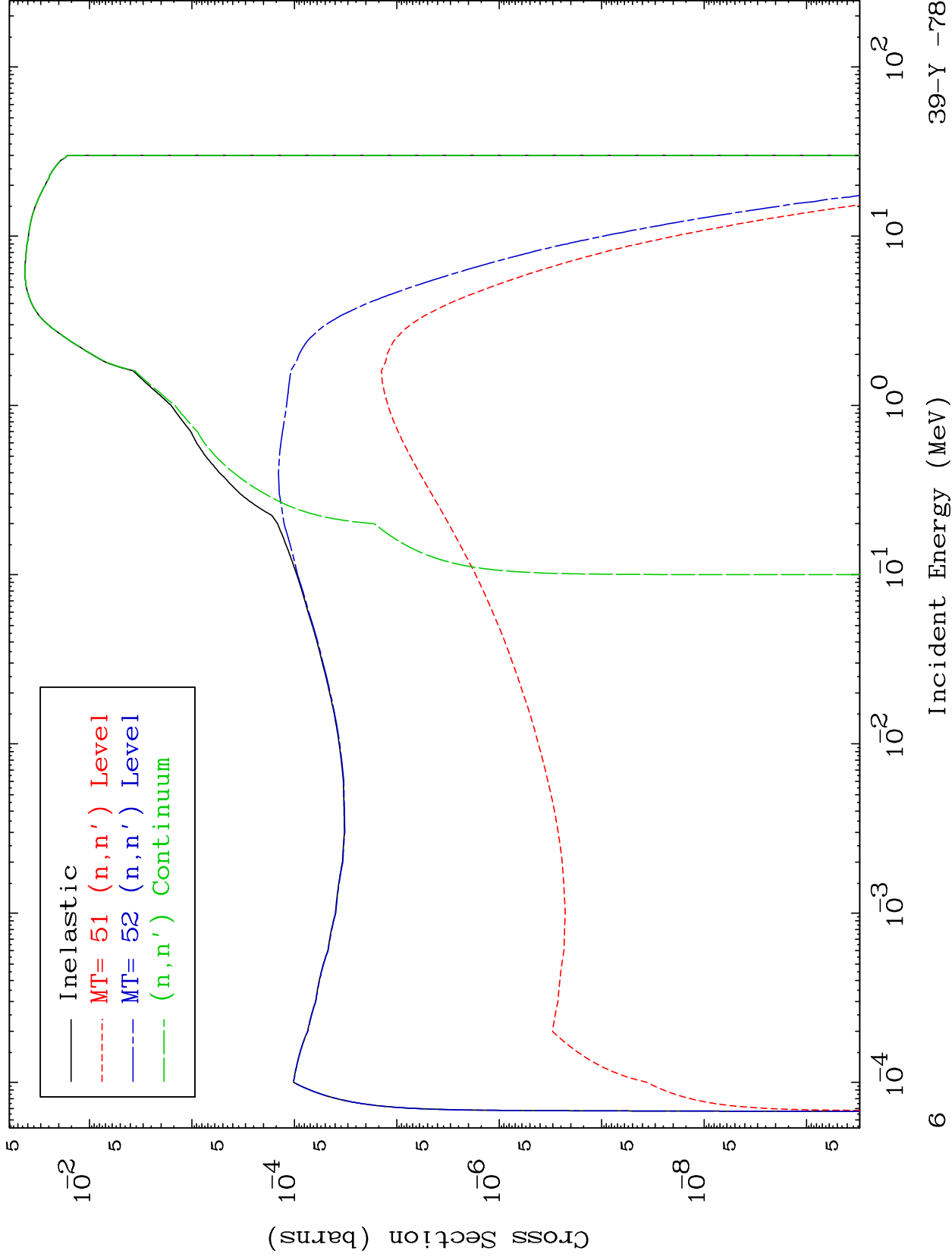
5

39-Y -78

MAT 3893

293 Kelvin Cross Sections

39-Y -78



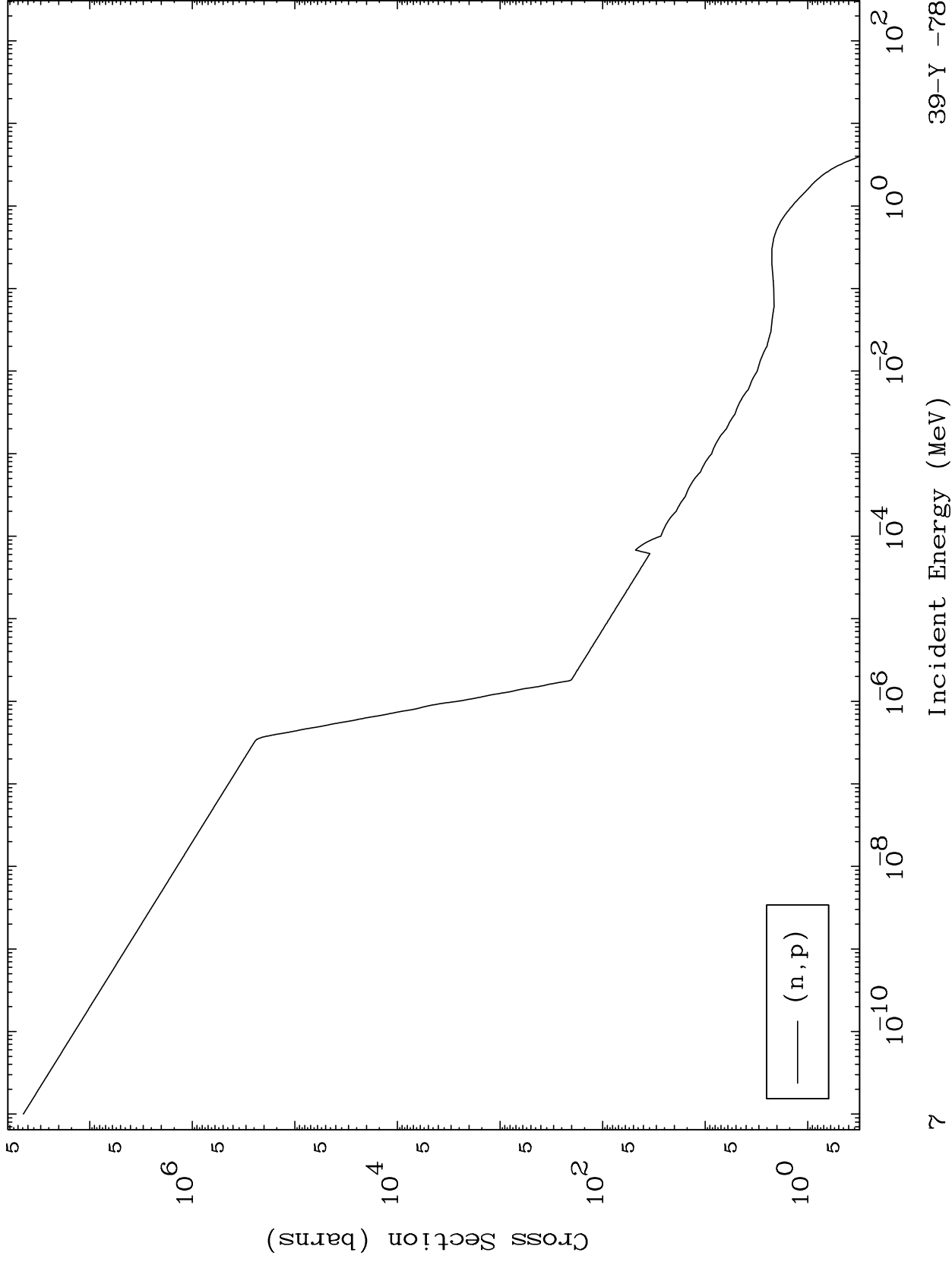
6

39-Y -78

MAT 3893

(n,p) Levels
293 Kelvin Cross Sections

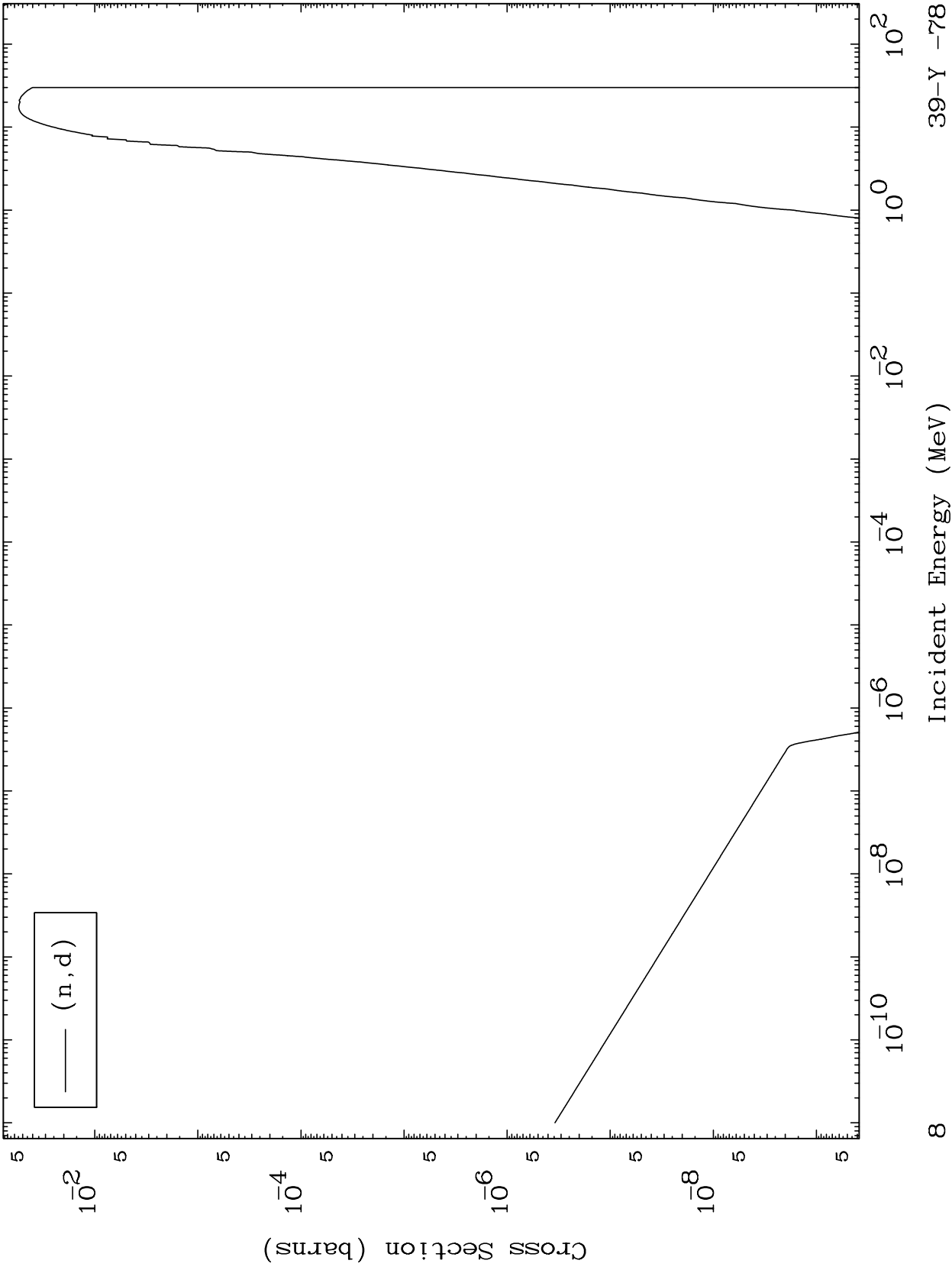
39-Y -78



MAT 3893

(n,d) Levels
293 Kelvin Cross Sections

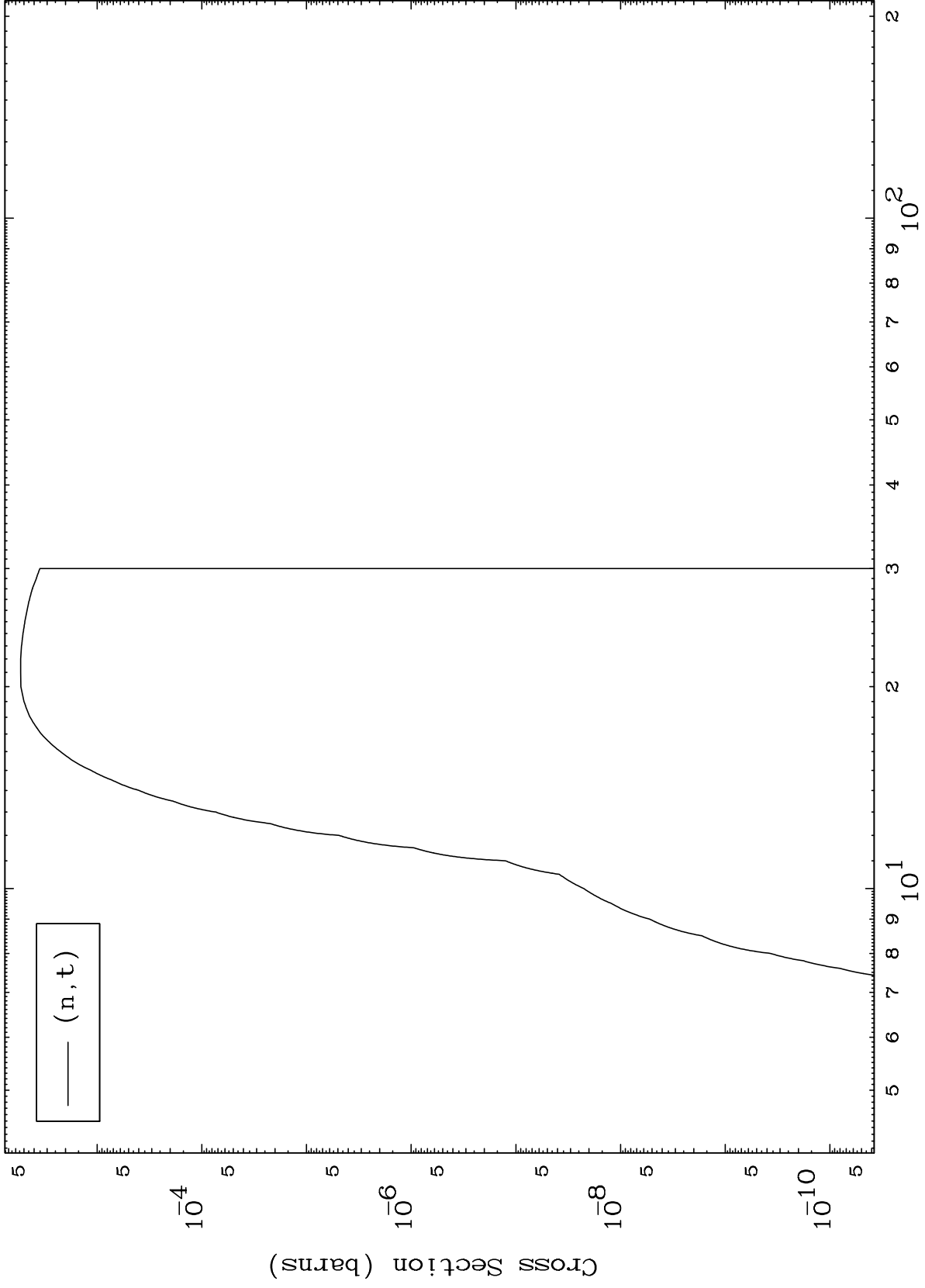
39-Y -78



MAT 3893

(n,t) Levels
293 Kelvin Cross Sections

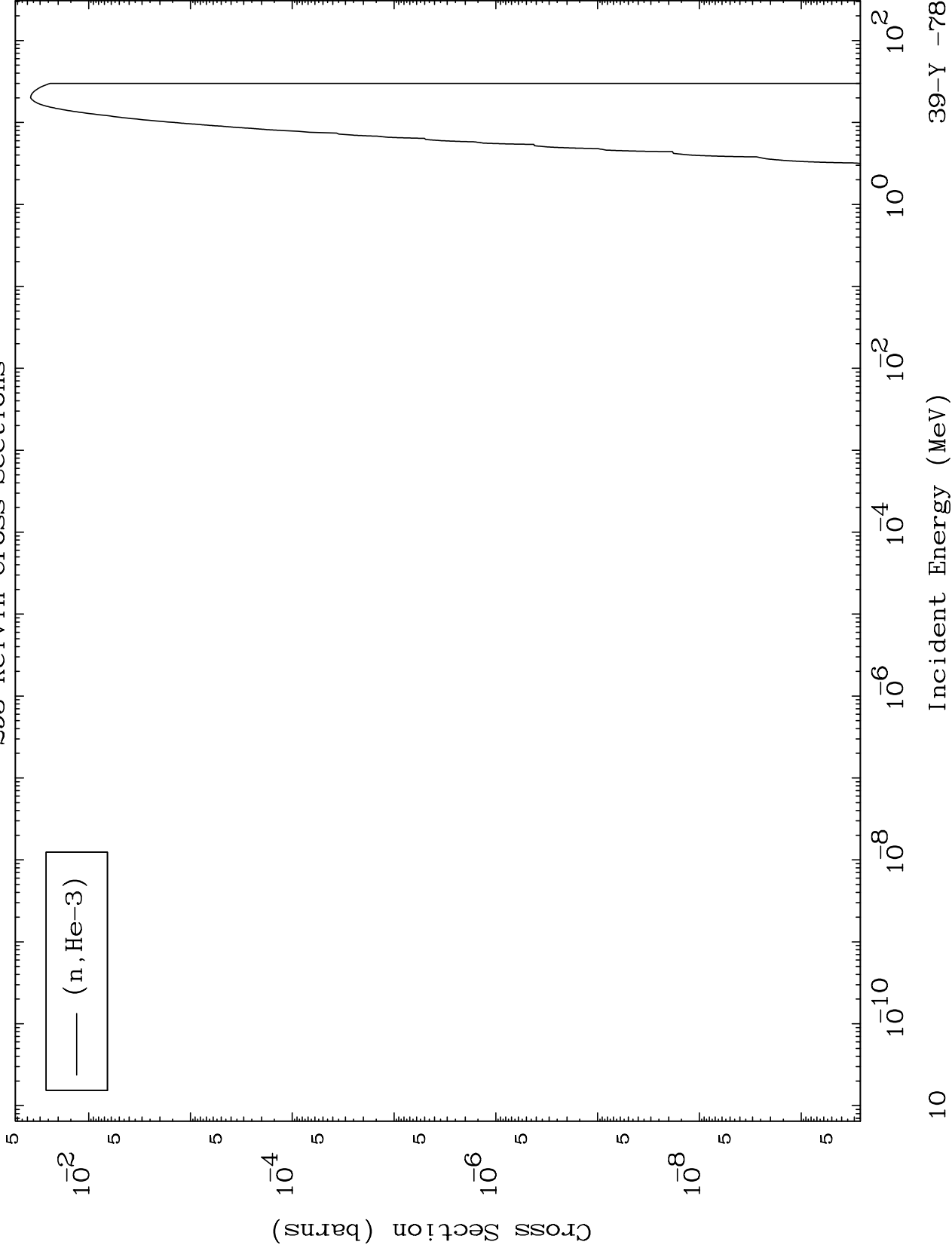
39-Y -78



MAT 3893

(n,He3) Levels
293 Kelvin Cross Sections

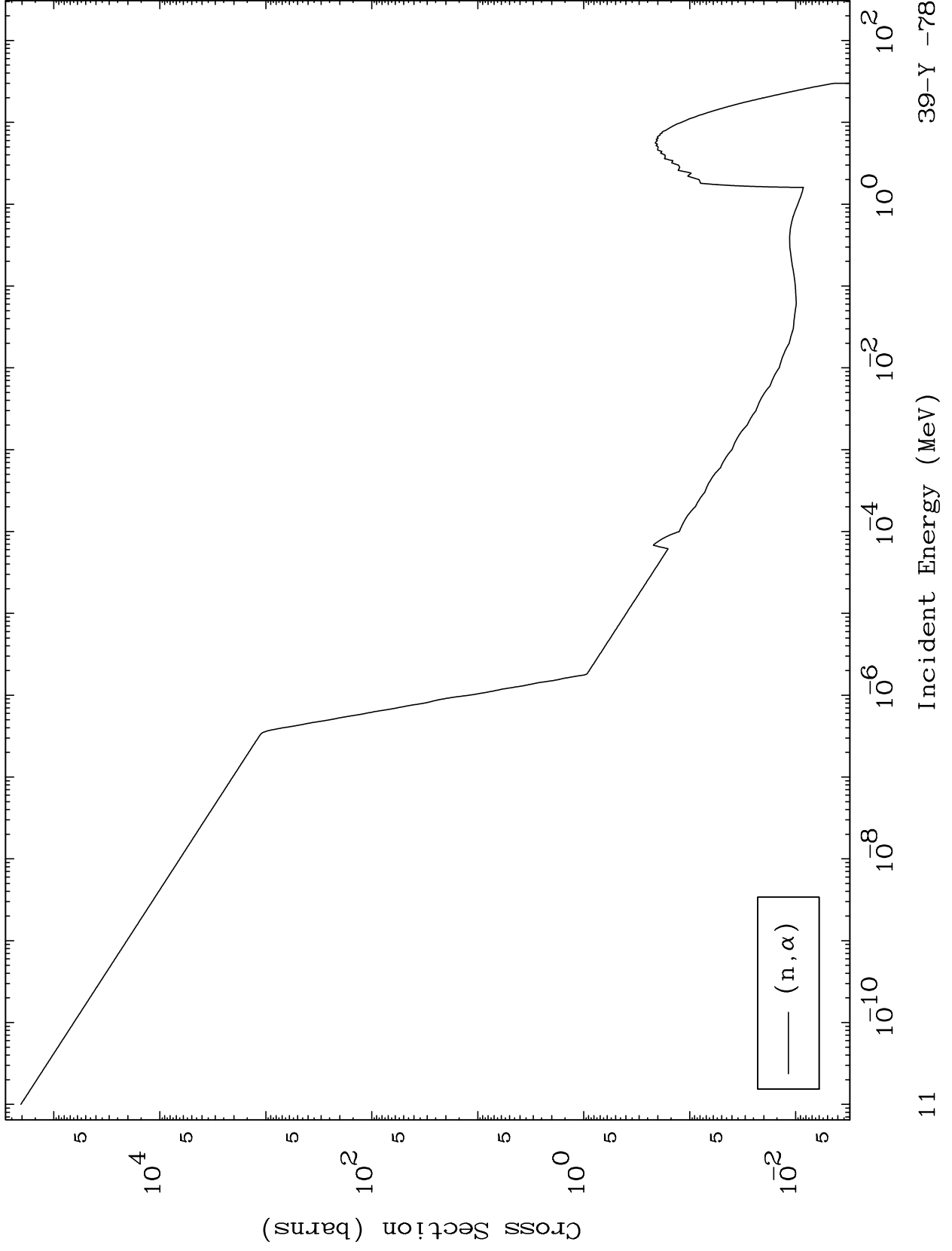
39-Y -78

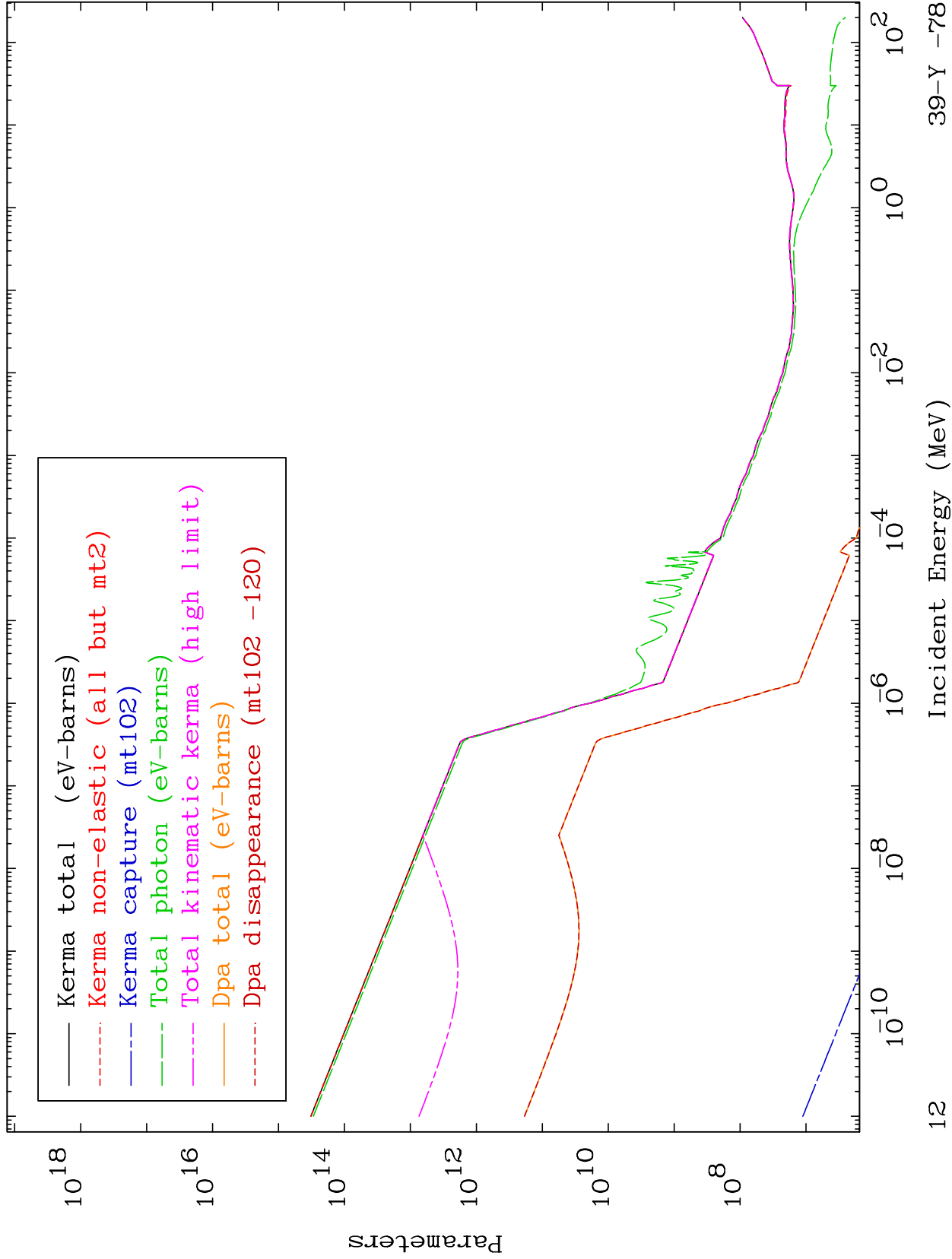


MAT 3893

(n, α) Levels
293 Kelvin Cross Sections

39-Y -78

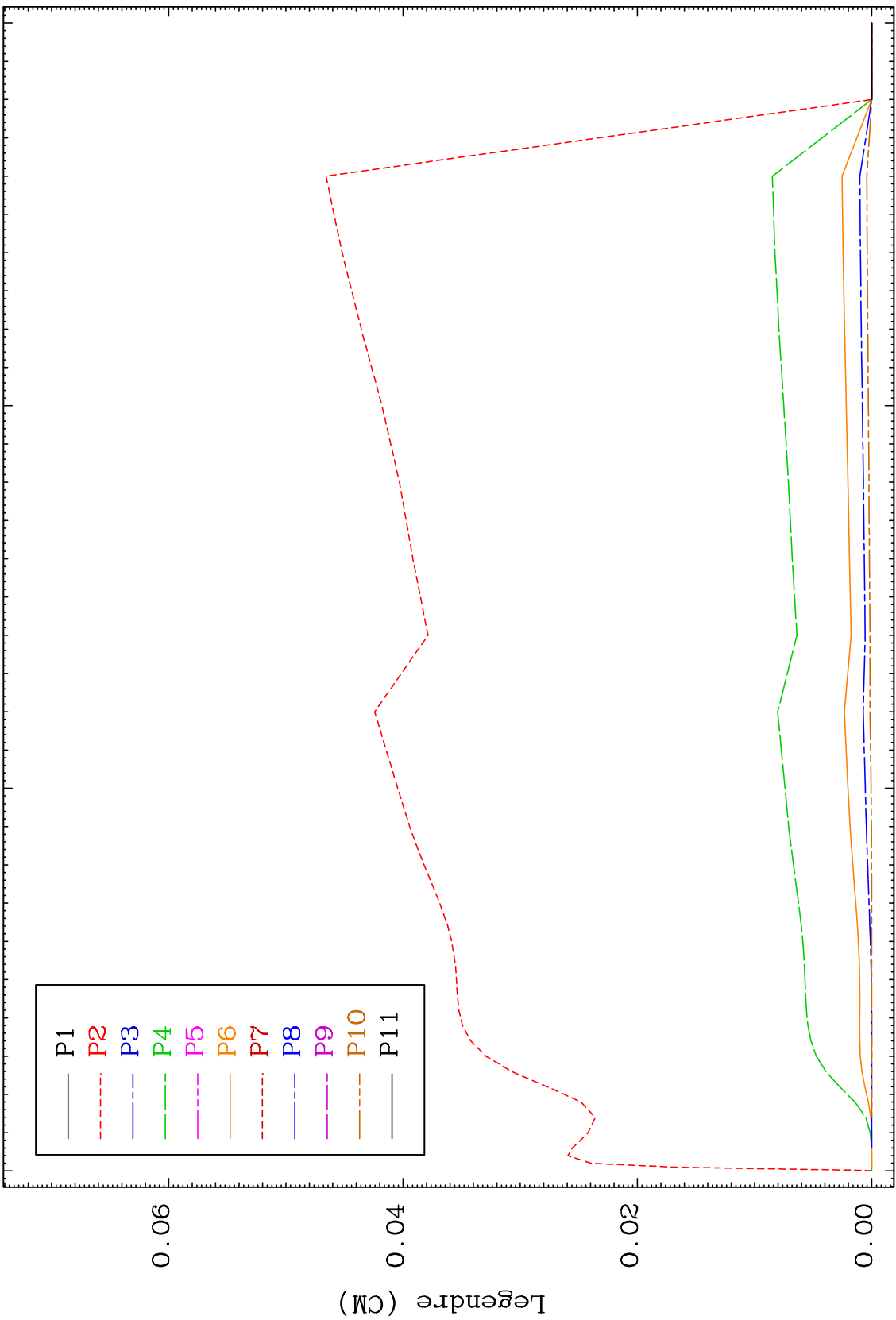




MAT 3893

Elastic Legendre Coefficients

39-Y -78



13

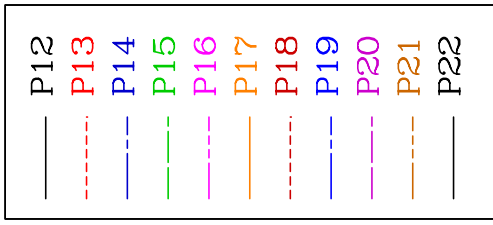
Incident Energy (MeV)

39-Y -78

MAT 3893

Elastic Legendre Coefficients

39-Y -78



$\times 10^{-4}$
1.5

Legendre (CM)

1.0

0.5

0.0

5

10

15

20

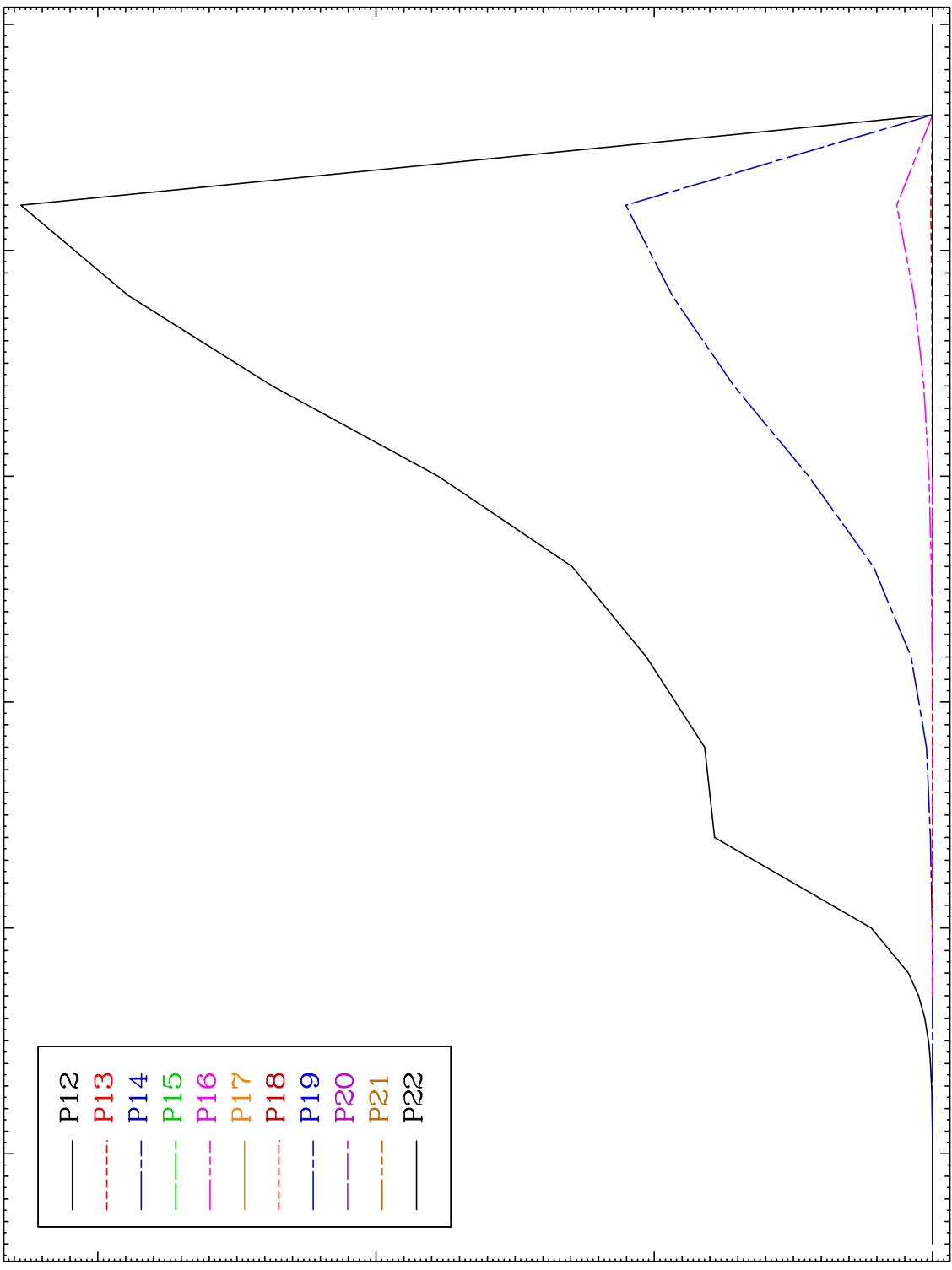
25

30

14

Incident Energy (MeV)

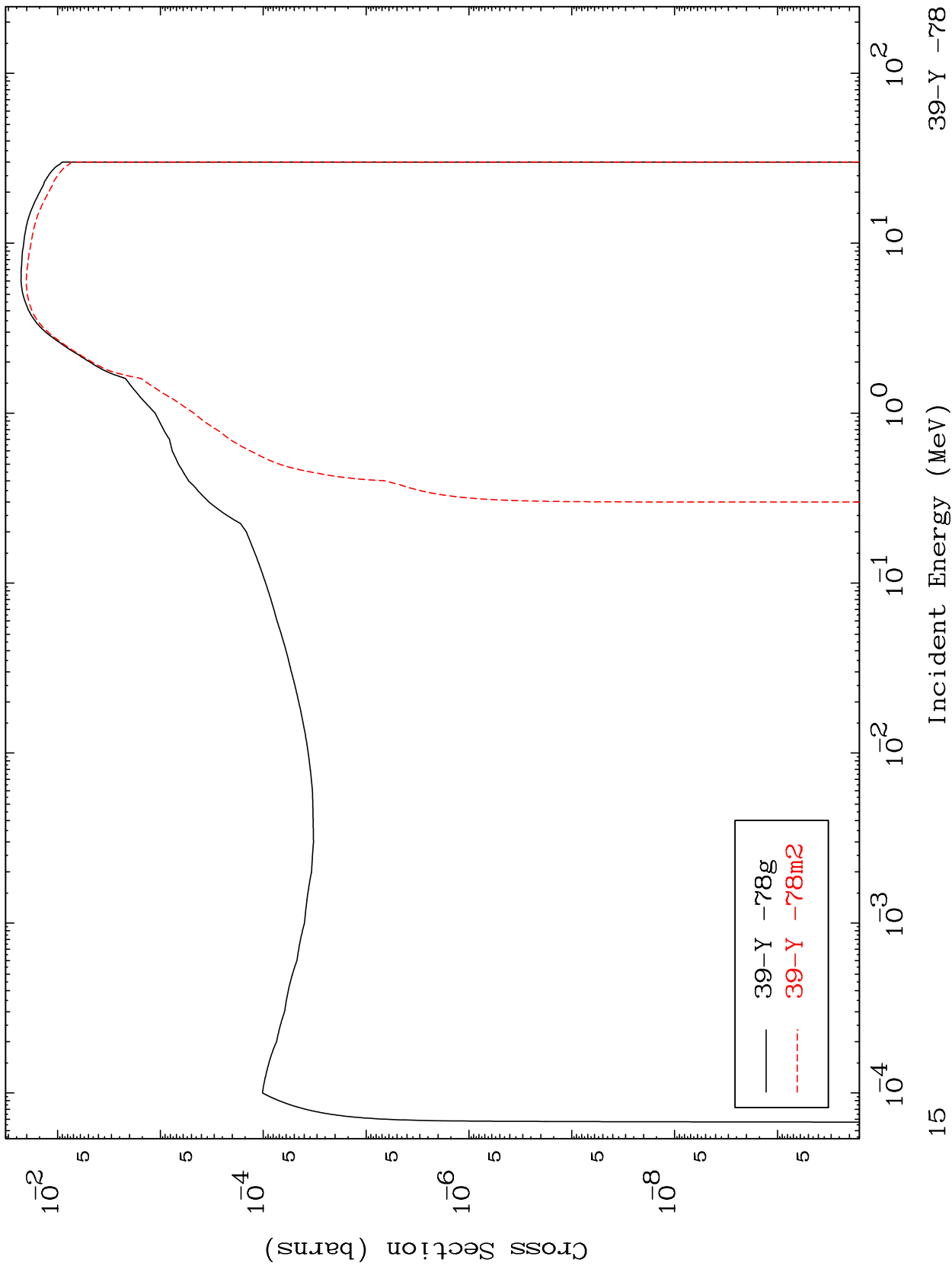
39-Y -78



MAT 3893

39-Y -78

Inelastic
Radionuclide Production Cross Section



39-Y -78

Incident Energy (MeV)

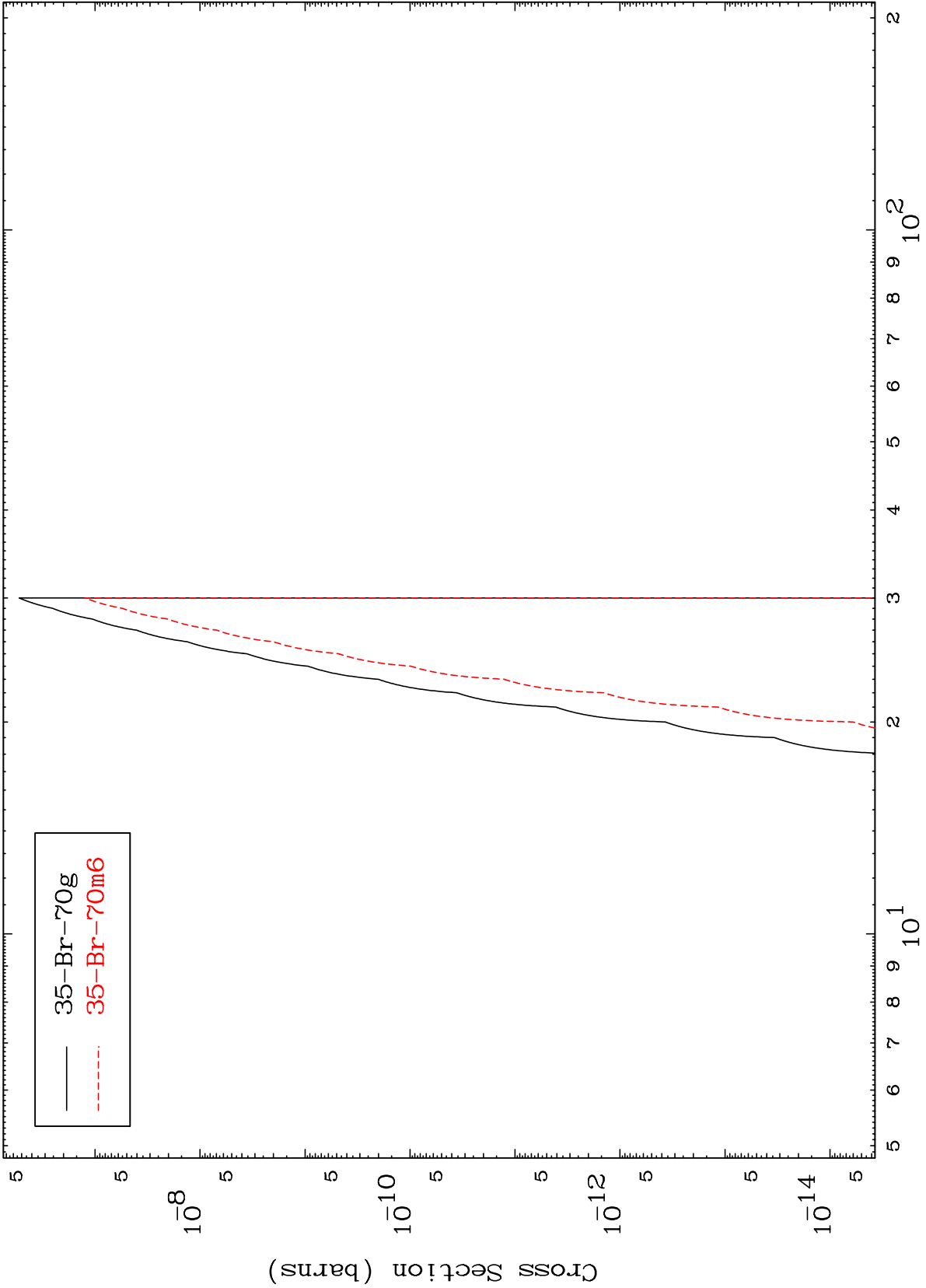
15

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(n,n') 2α

39-Y -78

Radionuclide Production Cross Section



— 35-Br-70g
- - - 35-Br-70m6

16

Incident Energy (MeV)

39-Y -78