

Program EVALPLOT
(Version 2018-1)

by

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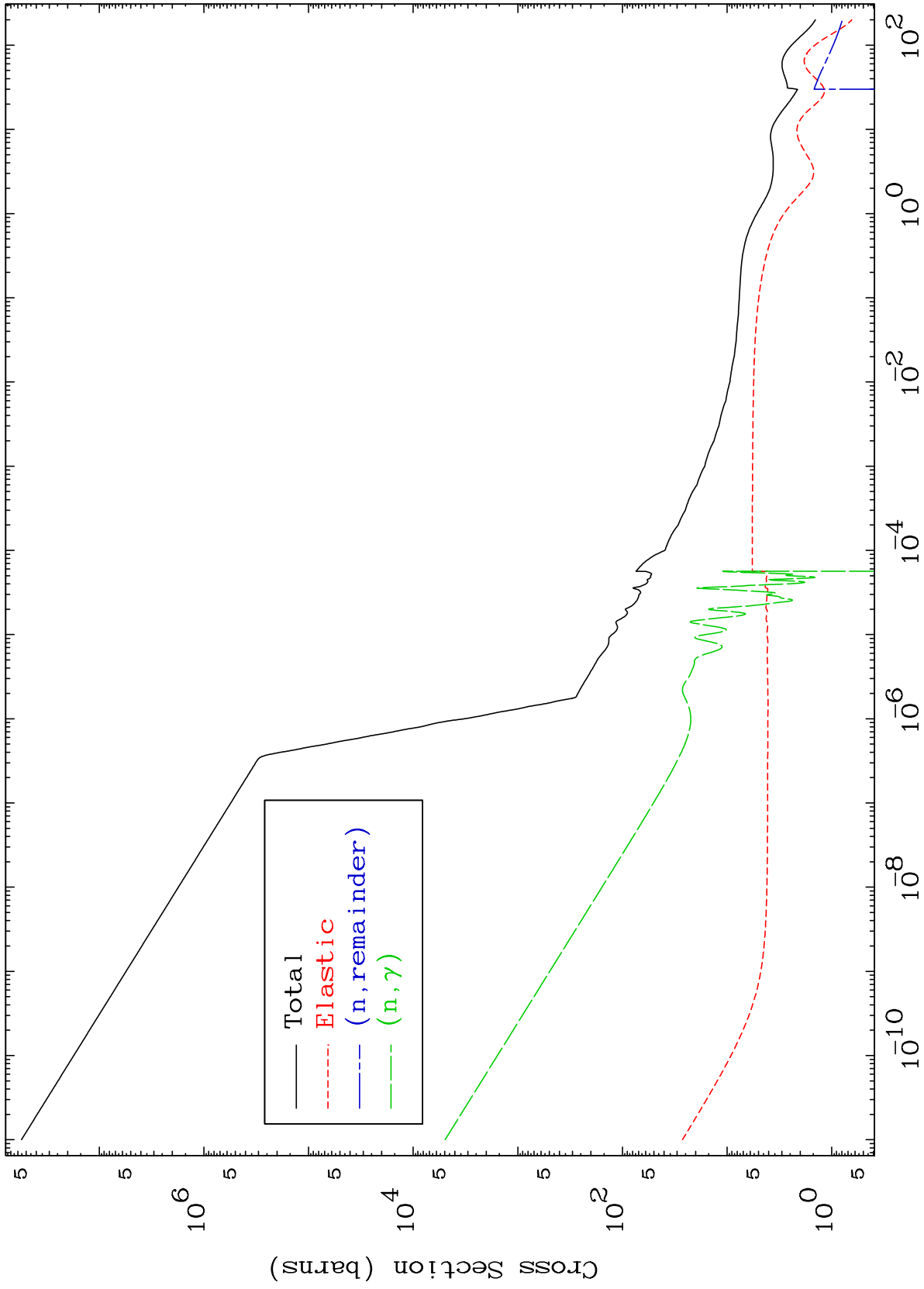
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3893

Major
293 Kelvin Cross Sections

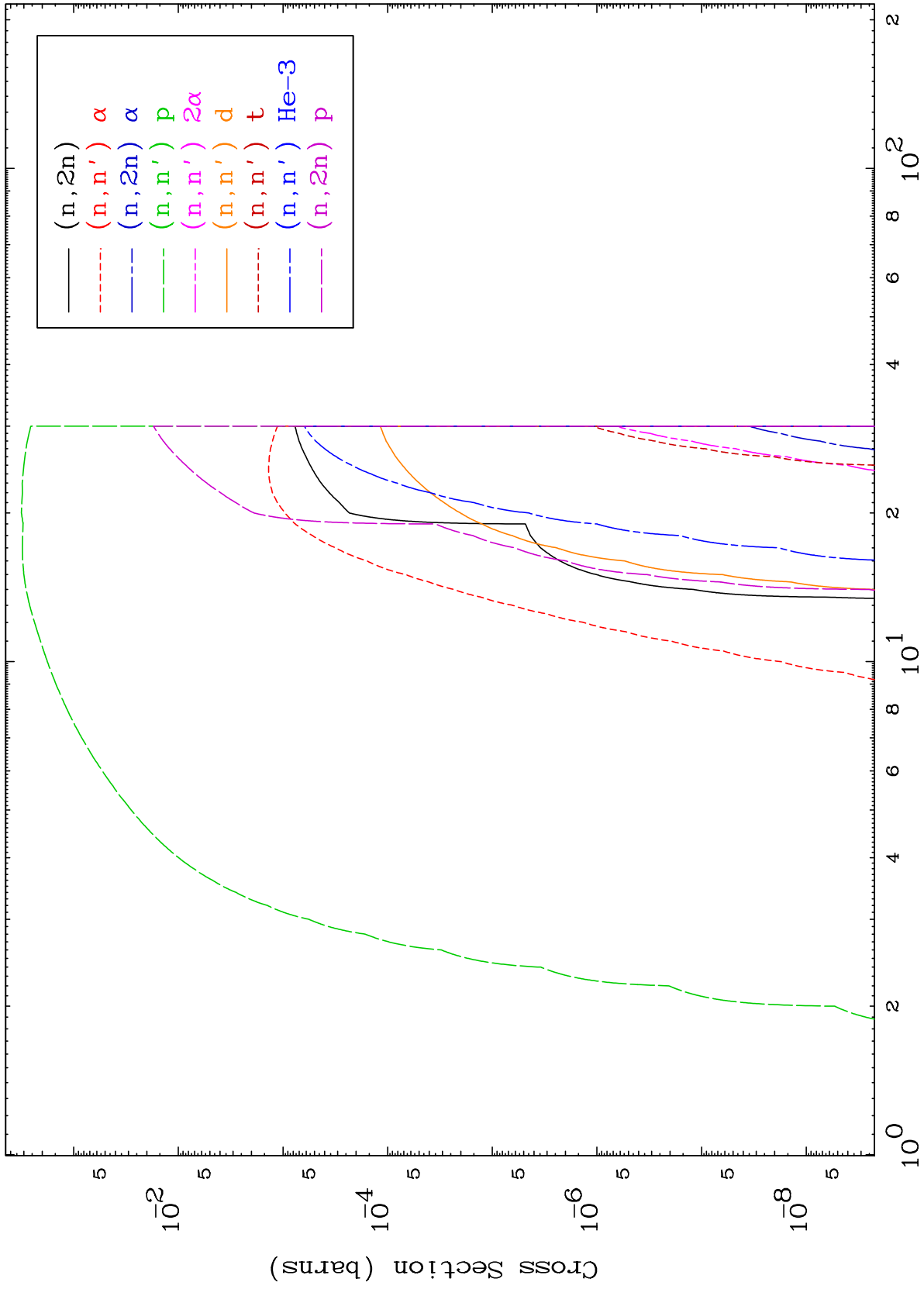
39-Y -78



1

Incident Energy (MeV)

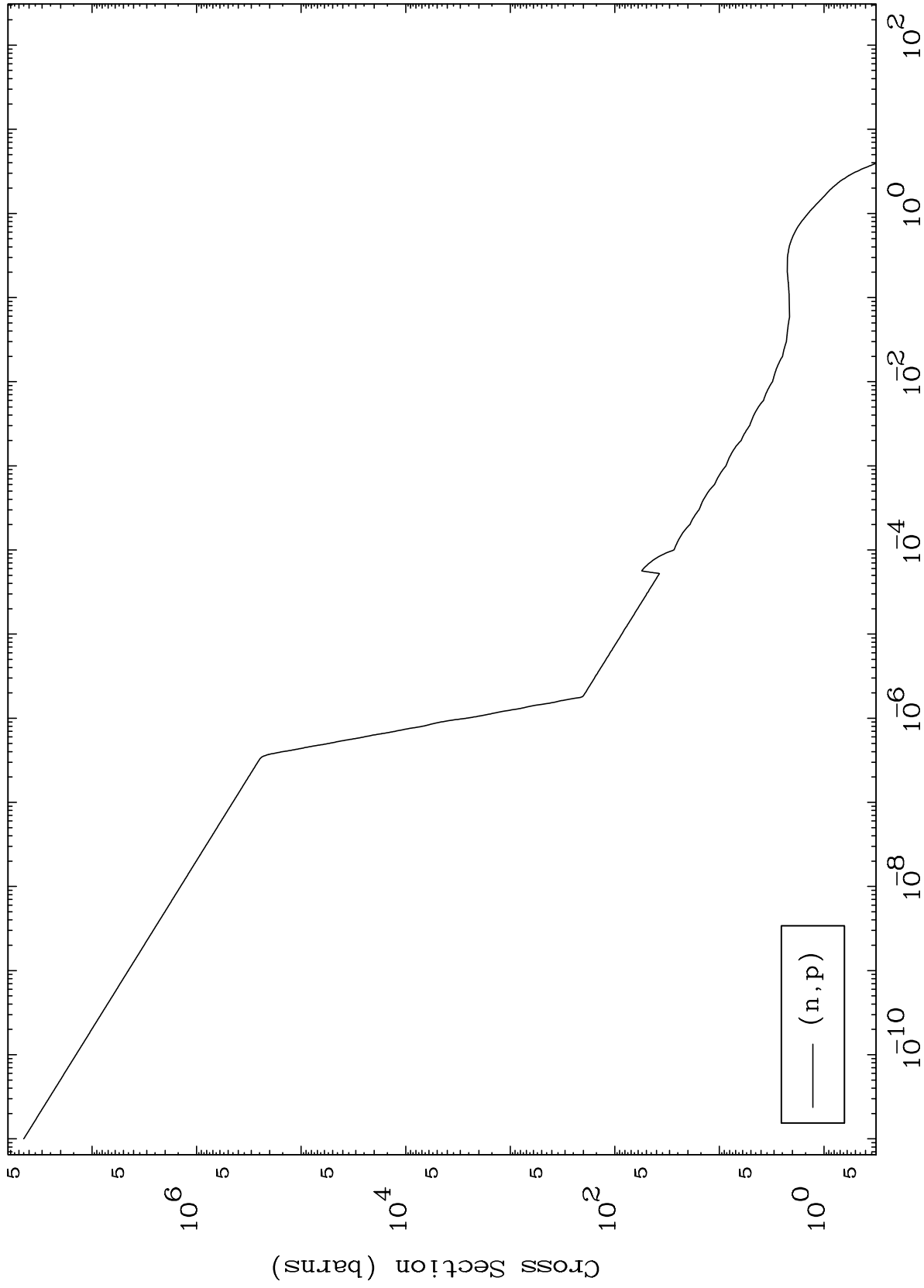
39-Y -78



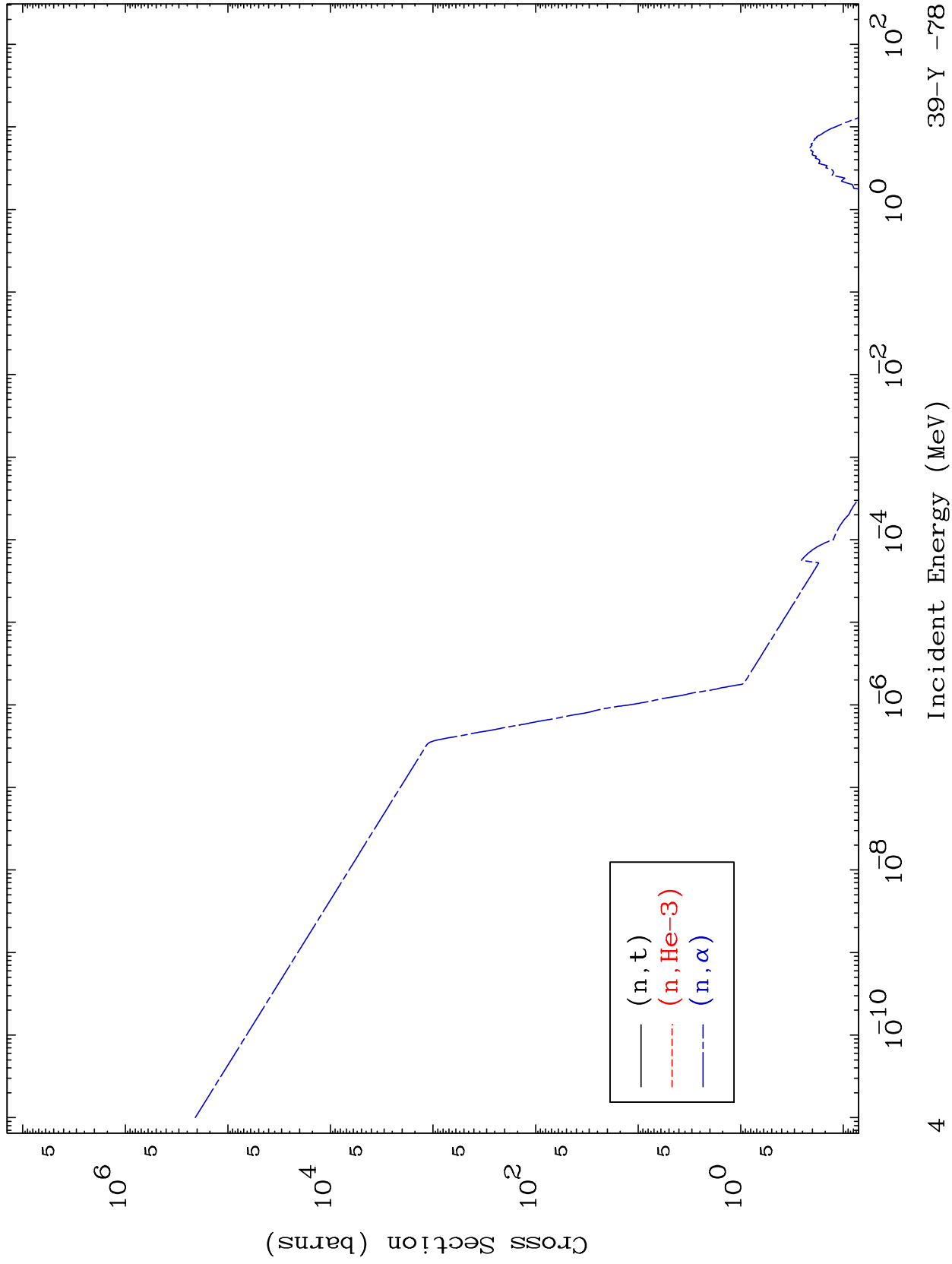
MAT 3893

Charged Particle
293 Kelvin Cross Sections

39-Y -78



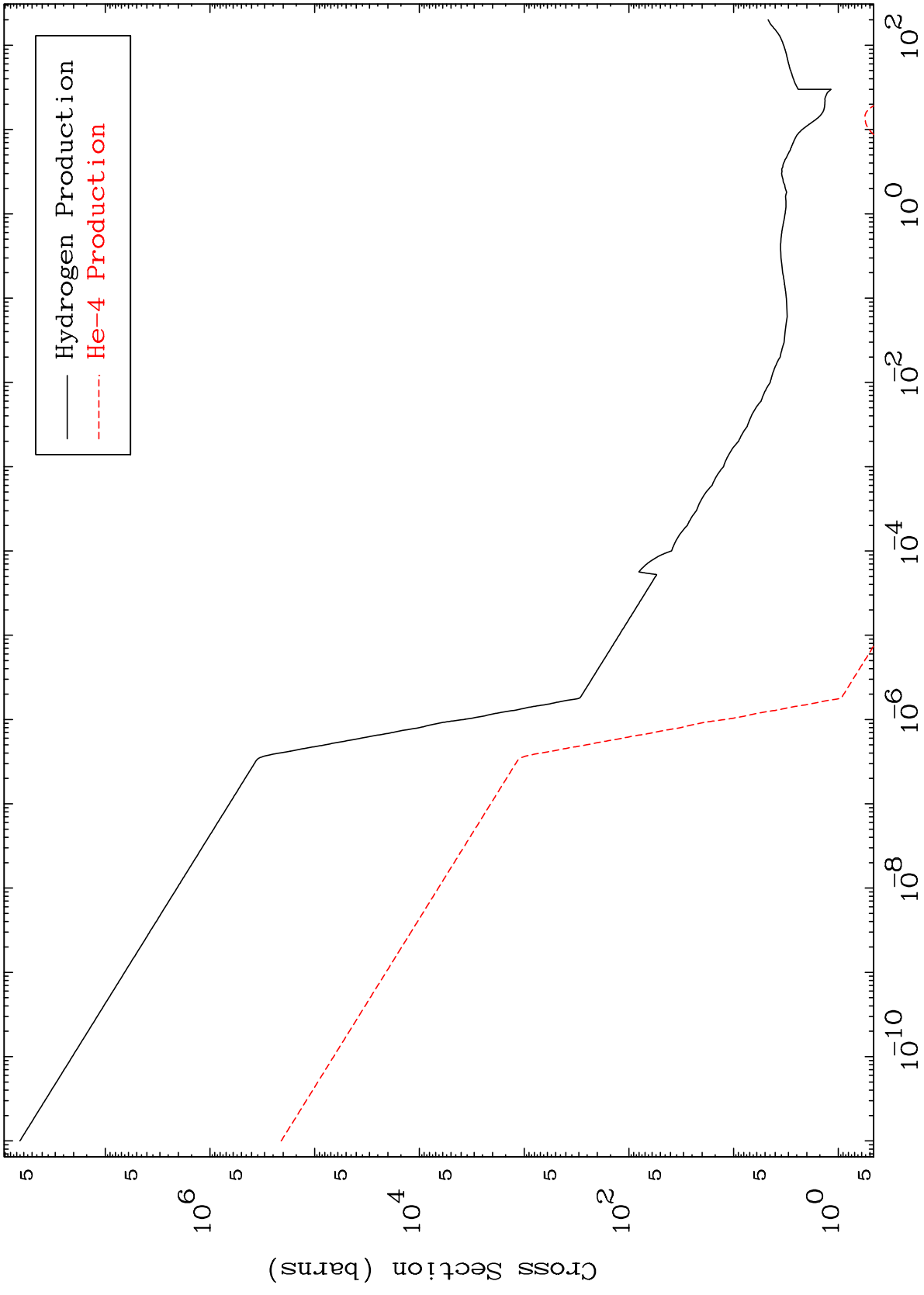
— (n, p)



MAT 3893

Particle Production
293 Kelvin Cross Sections

39-Y -78



5

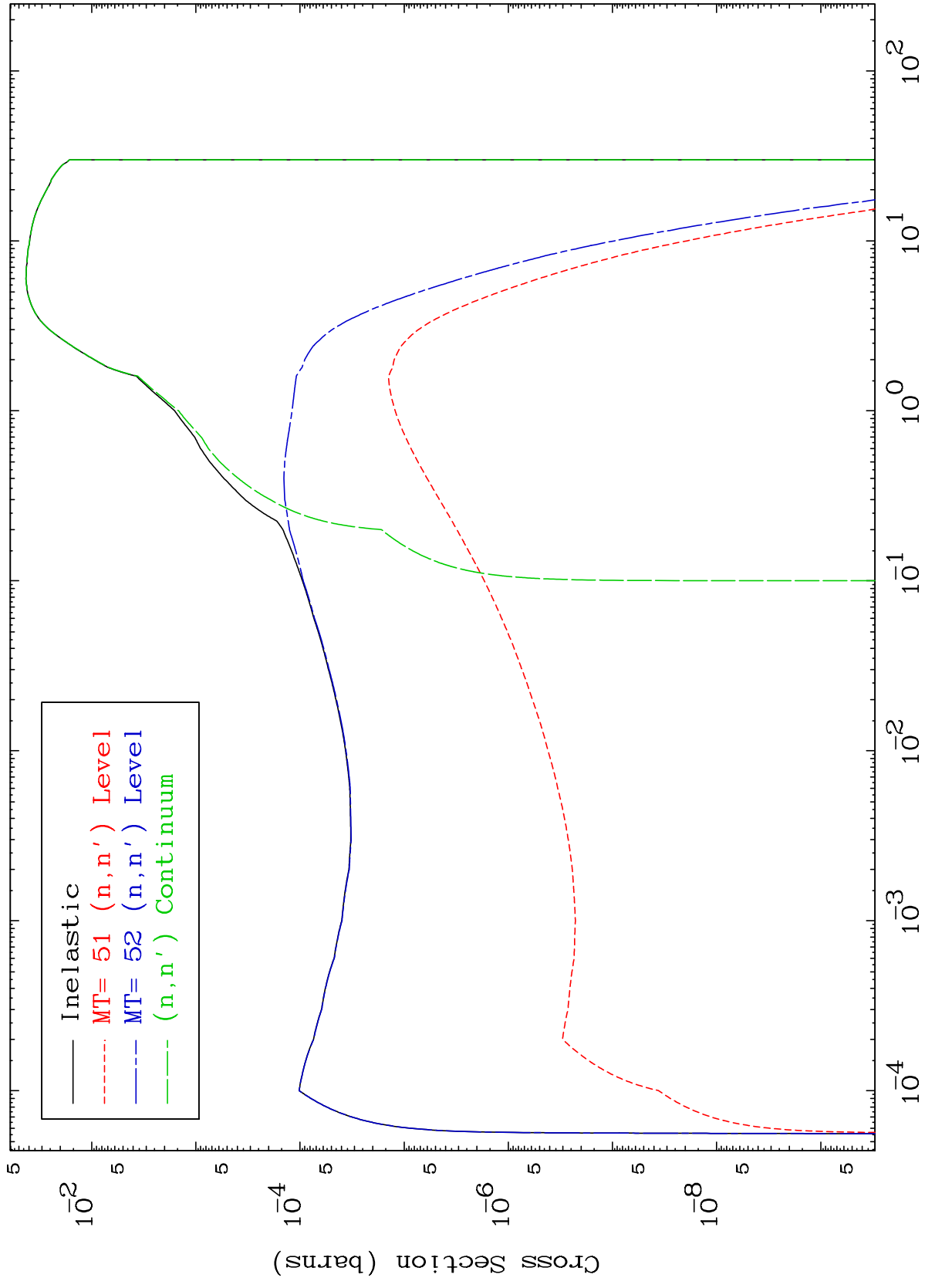
Incident Energy (MeV)

39-Y -78

MAT 3893

293 Kelvin Cross Sections

39-Y -78



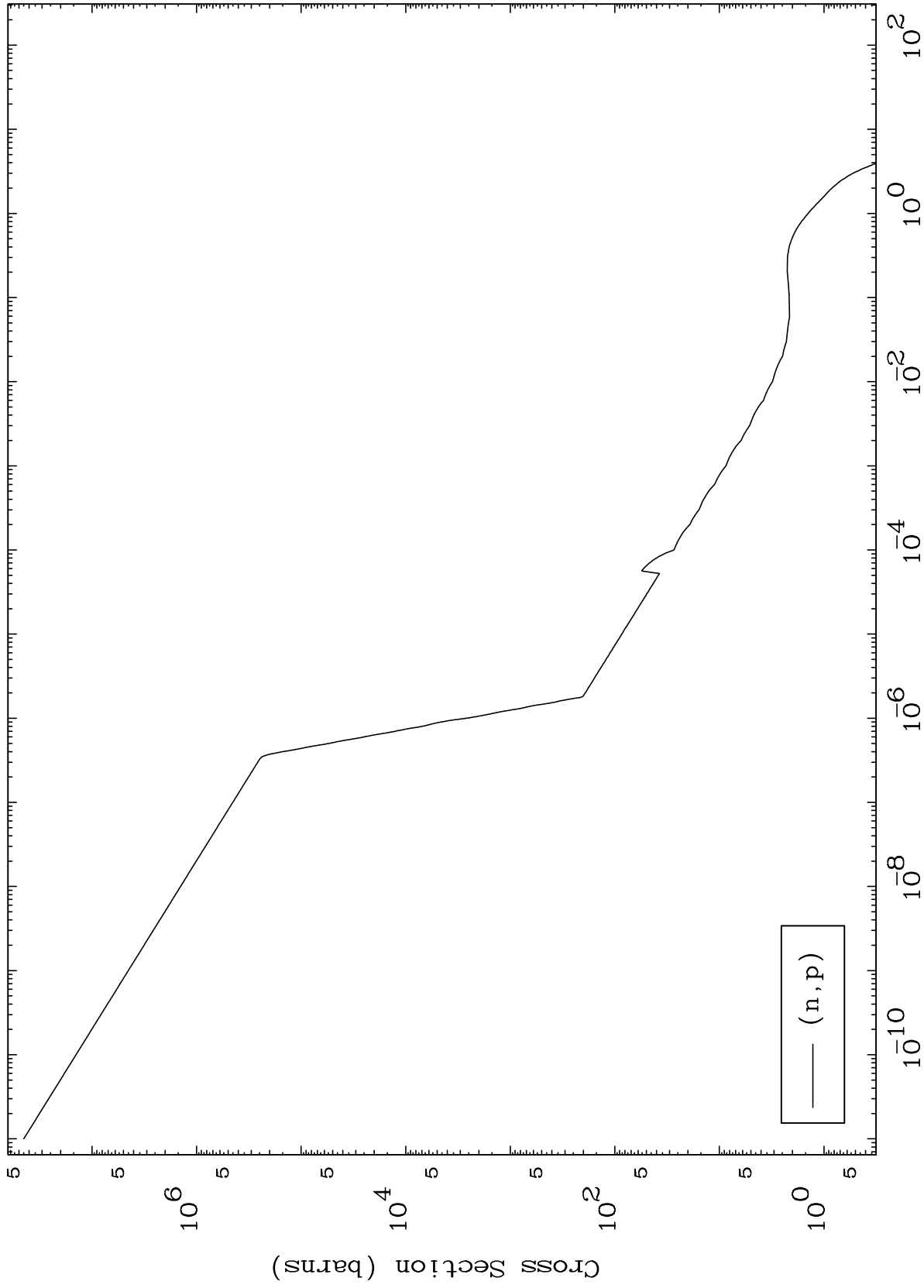
6

39-Y -78

MAT 3893

(n,p) Levels
293 Kelvin Cross Sections

39-Y -78



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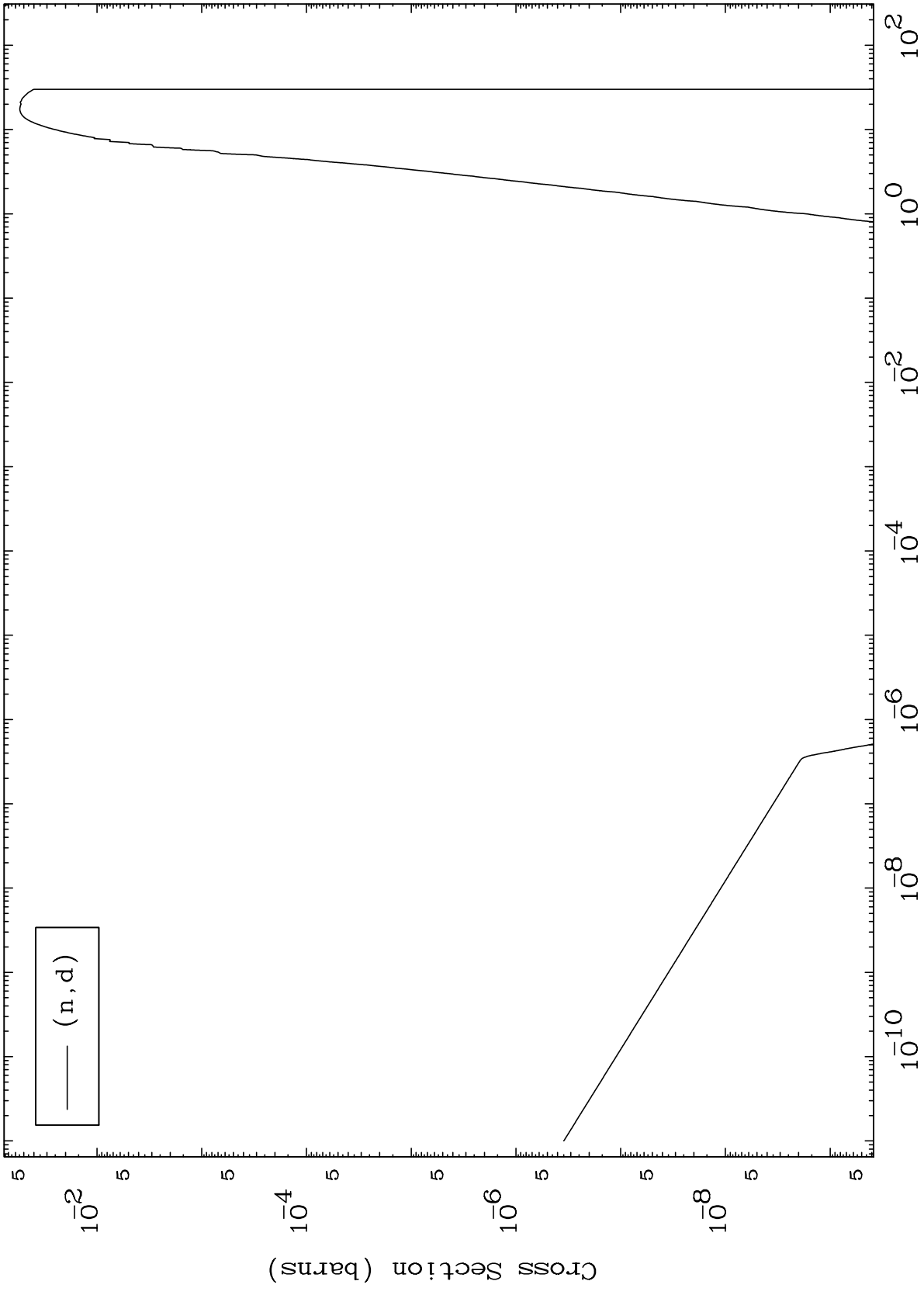
Incident Energy (MeV)

39-Y -78

MAT 3893

(n,d) Levels
293 Kelvin Cross Sections

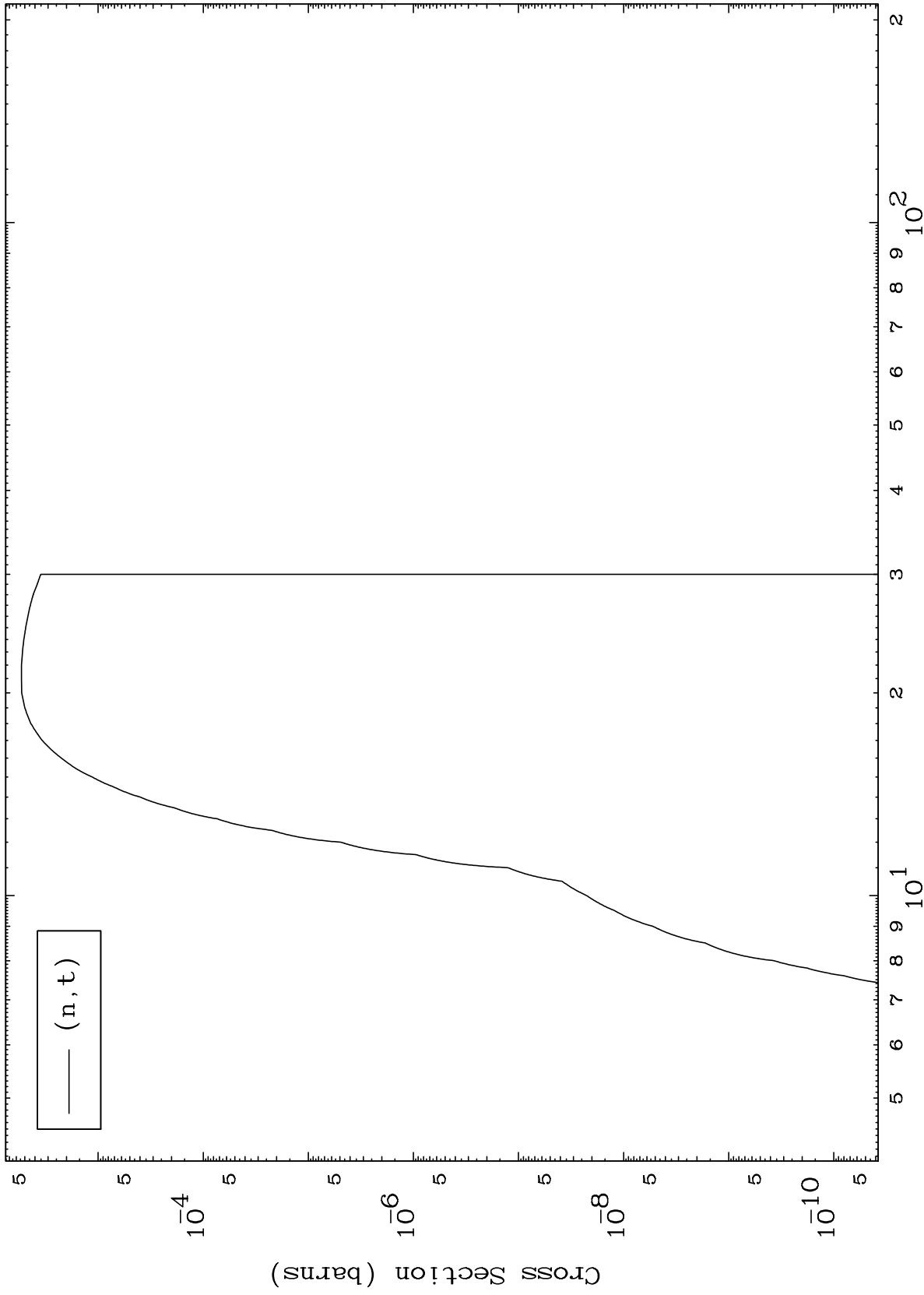
39-Y -78



MAT 3893

(n,t) Levels
293 Kelvin Cross Sections

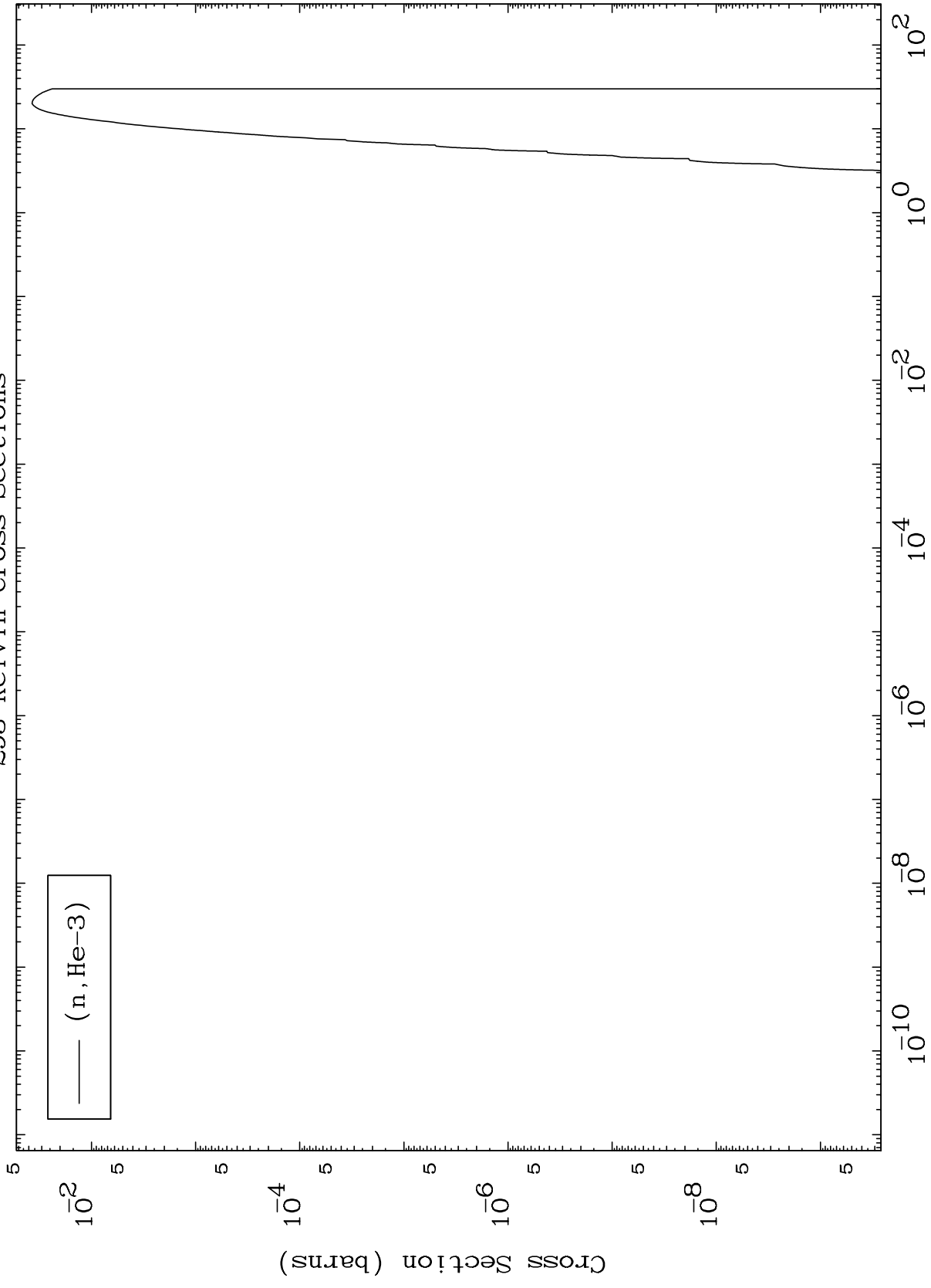
39-Y -78



MAT 3893

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -78



10

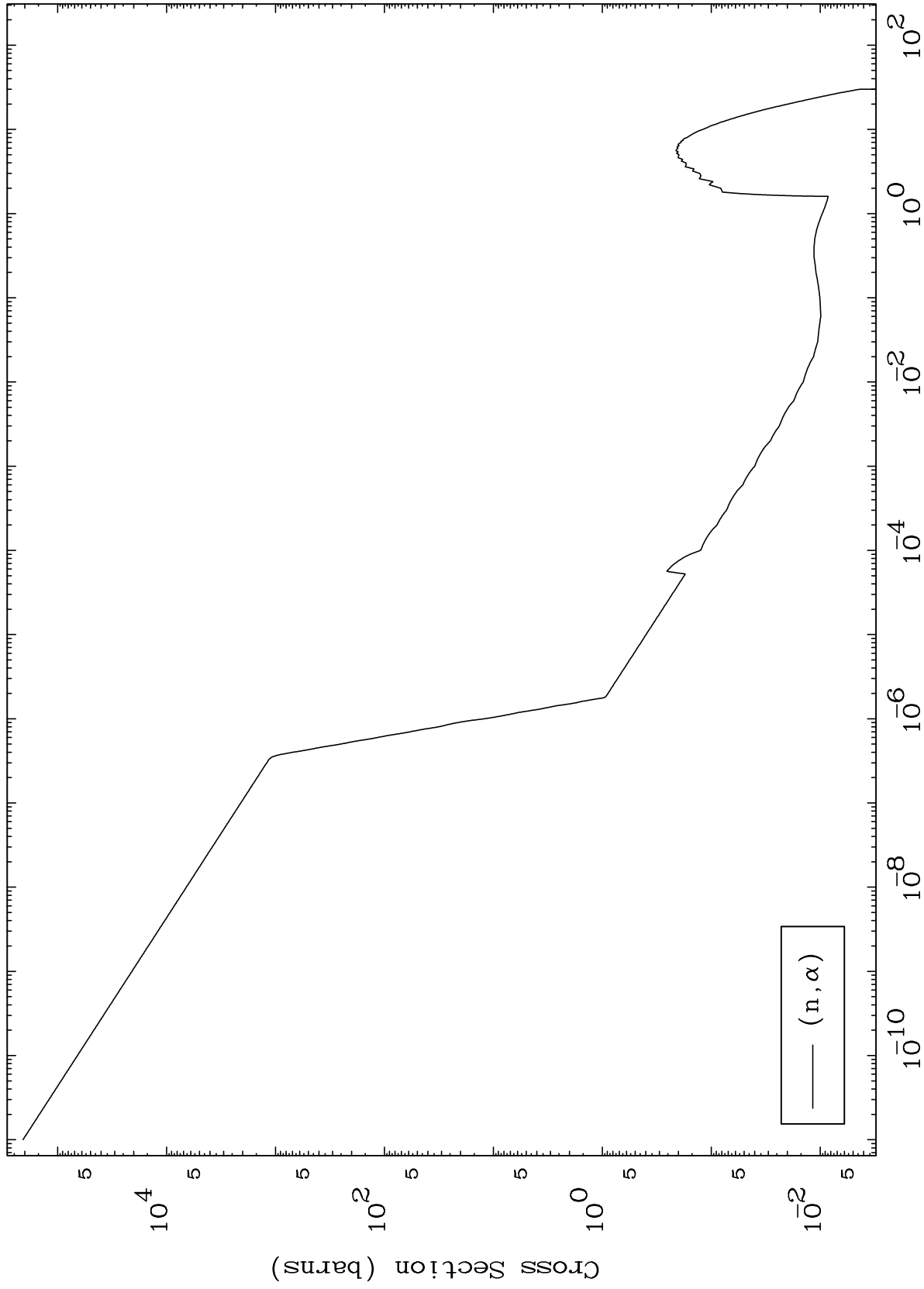
Incident Energy (MeV)

39-Y -78

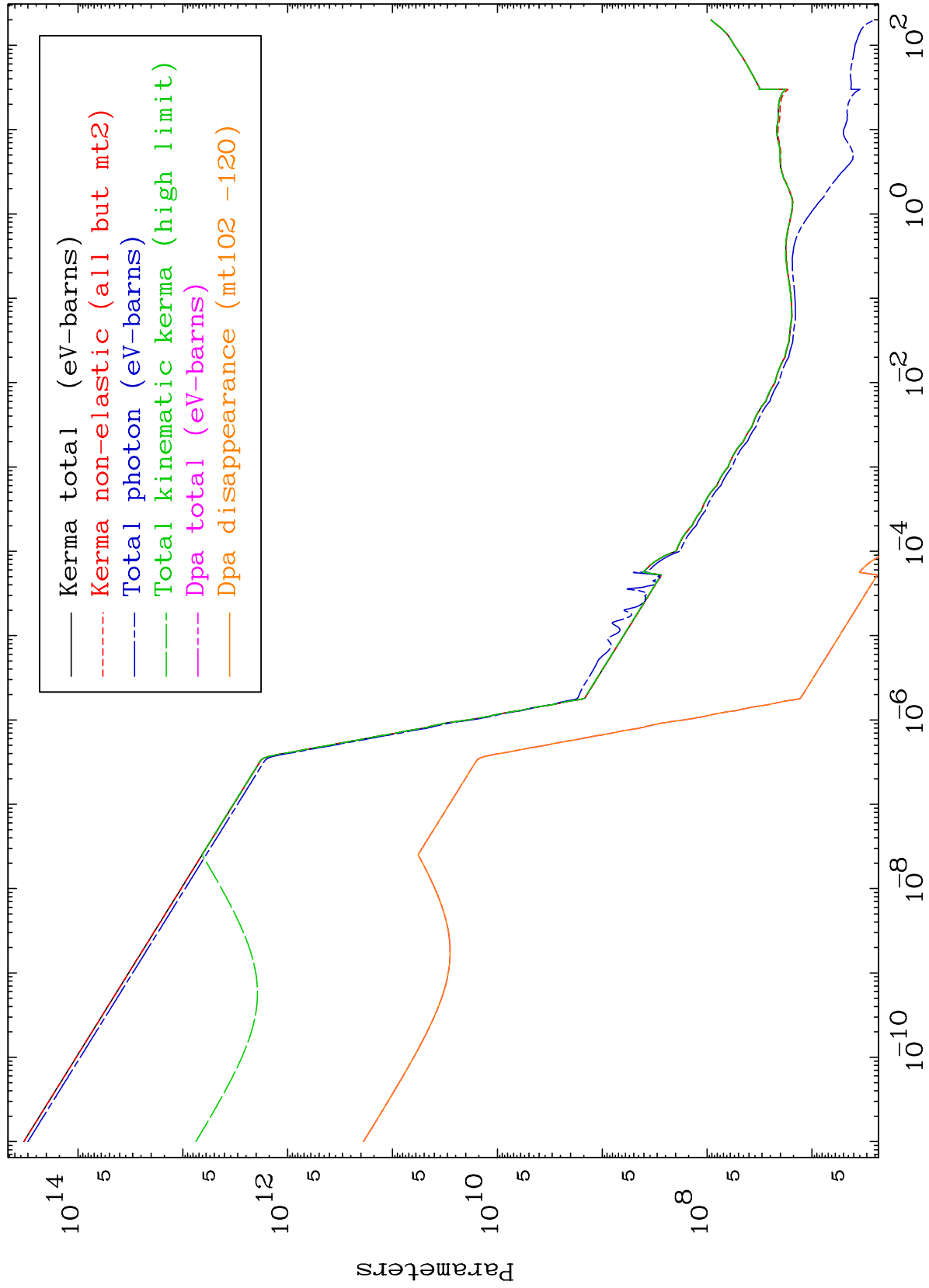
MAT 3893

(n,α) Levels
293 Kelvin Cross Sections

39-Y -78



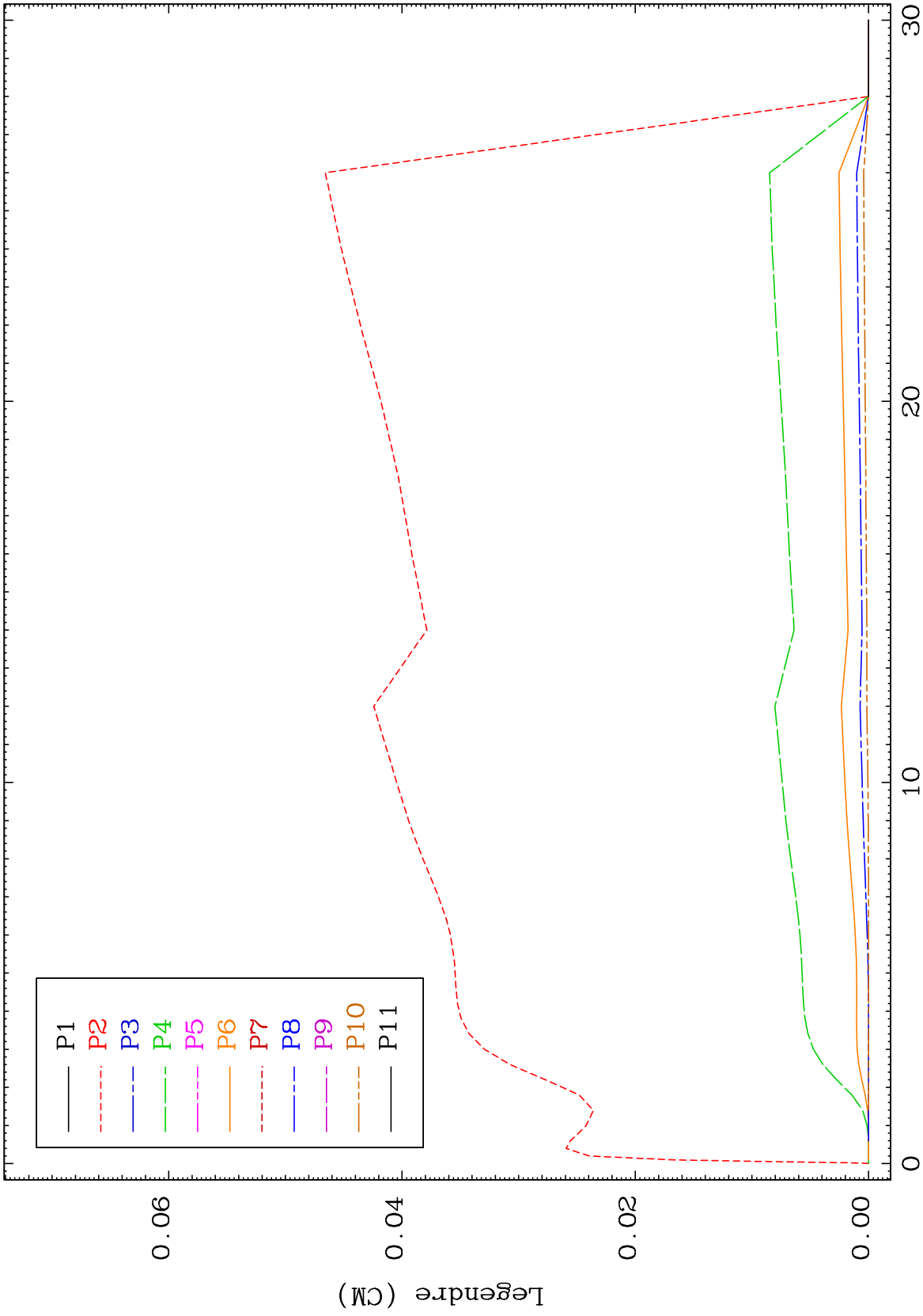
— (n,α)



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Elastic Legendre Coefficients

39-Y -78



13

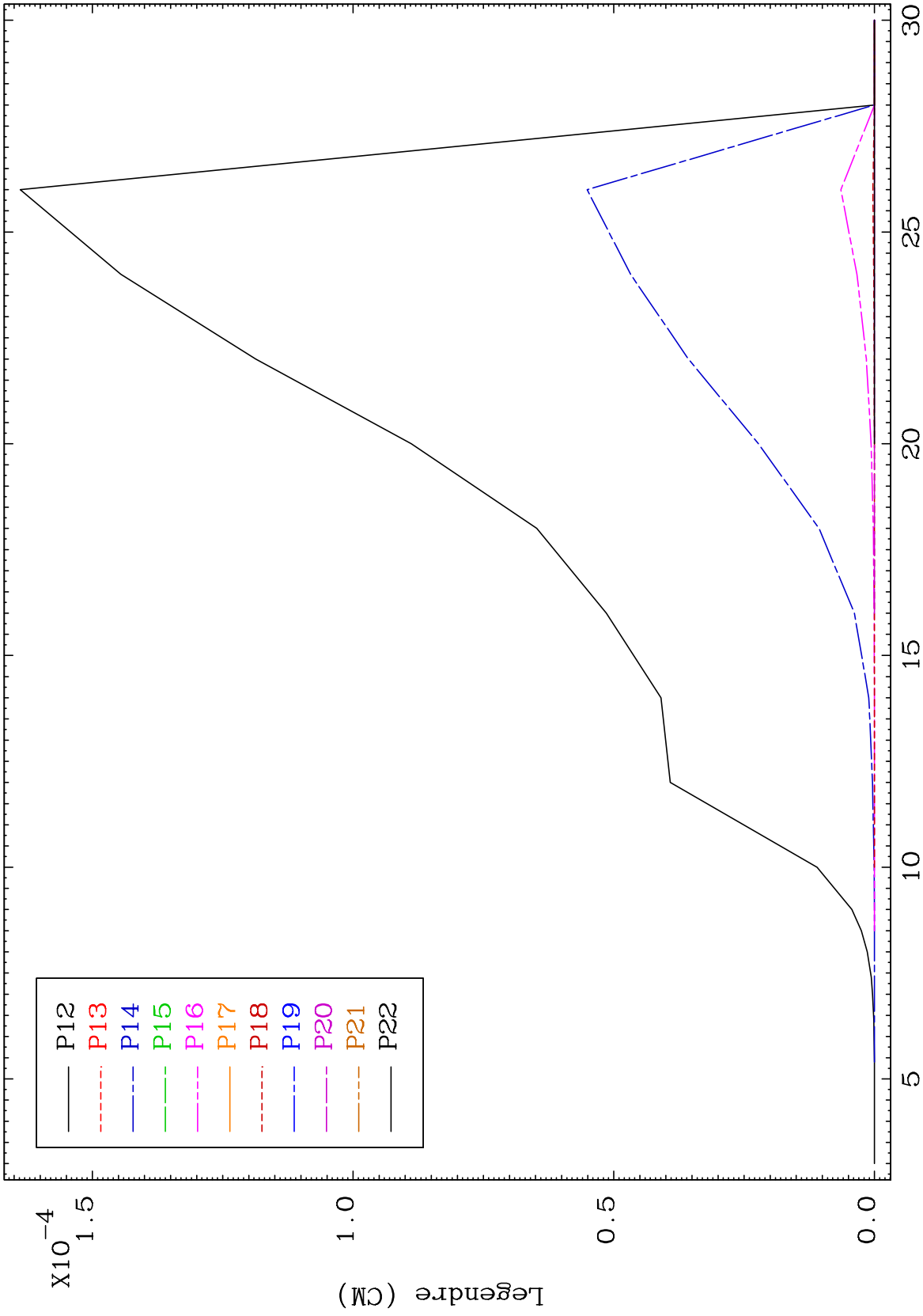
Incident Energy (MeV)

39-Y -78

MAT 3893

Elastic Legendre Coefficients

39-Y -78



14

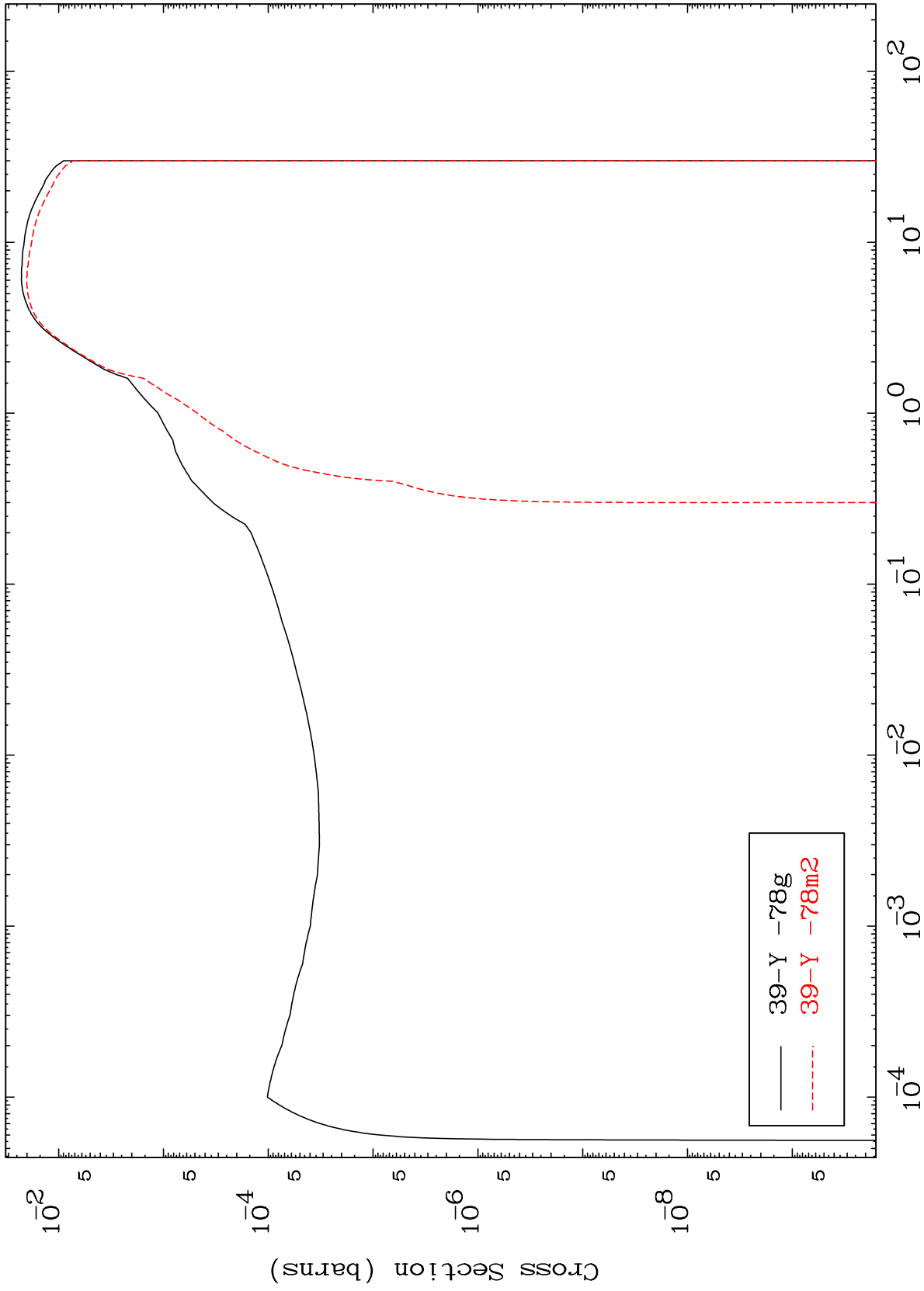
Incident Energy (MeV)

39-Y -78

MAT 3893

39-Y -78

Inelastic
Radionuclide Production Cross Section



— 39-Y -78g
- - - 39-Y -78m2

15

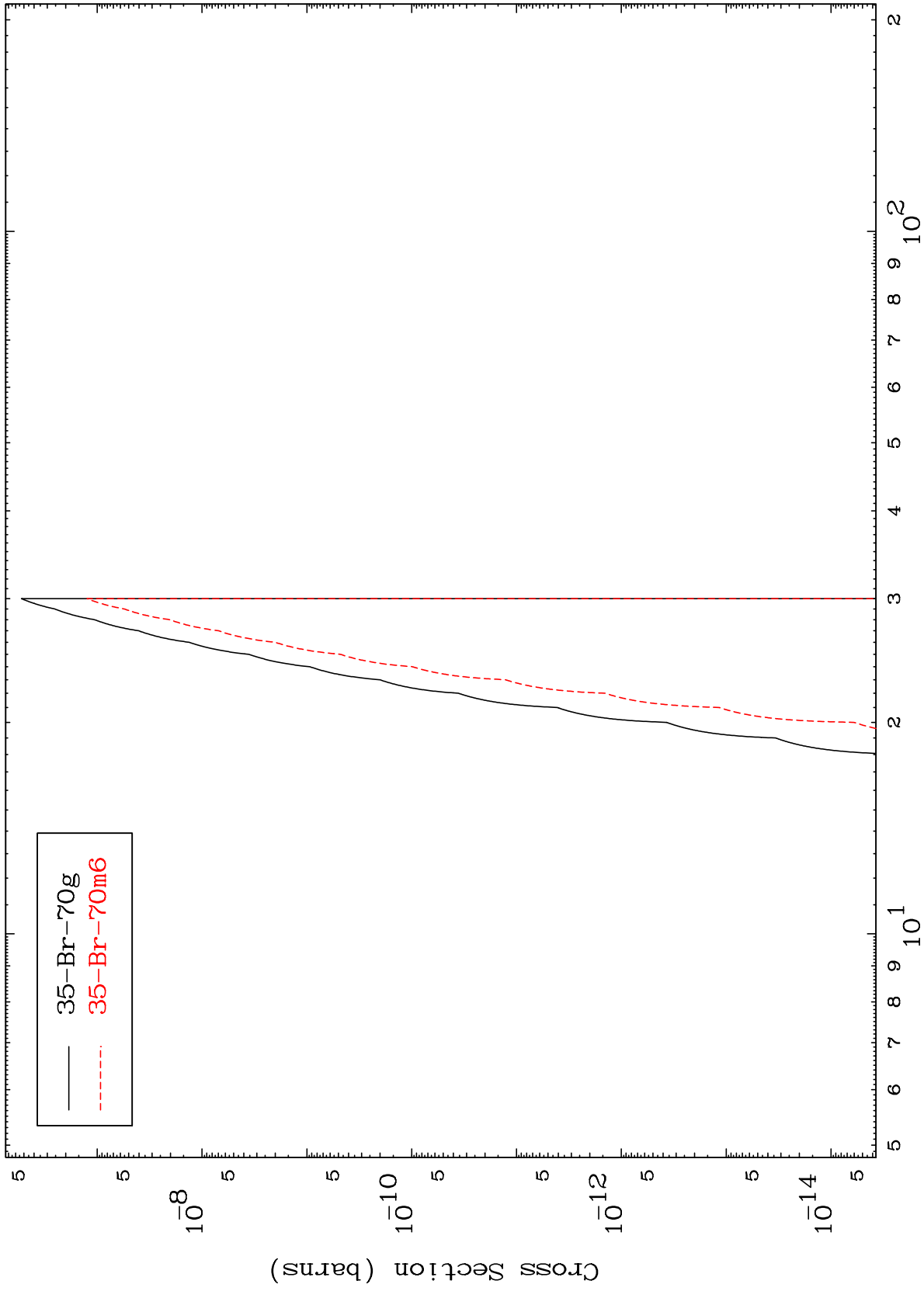
39-Y -78

MAT 3893

(n, n') 2α

39-Y -78

Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -78