

Program EVALPLOT
(Version 2015-2)

by

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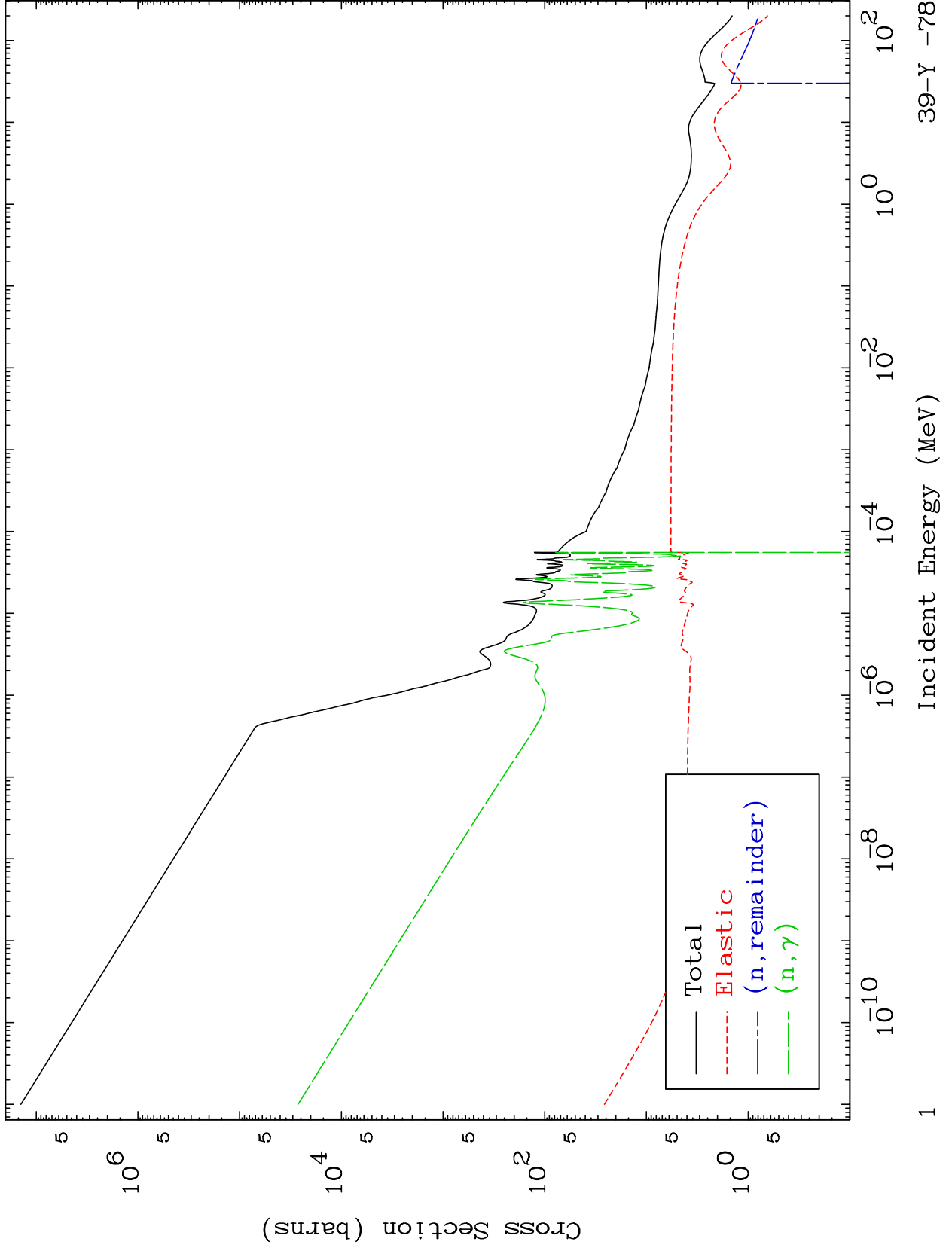
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

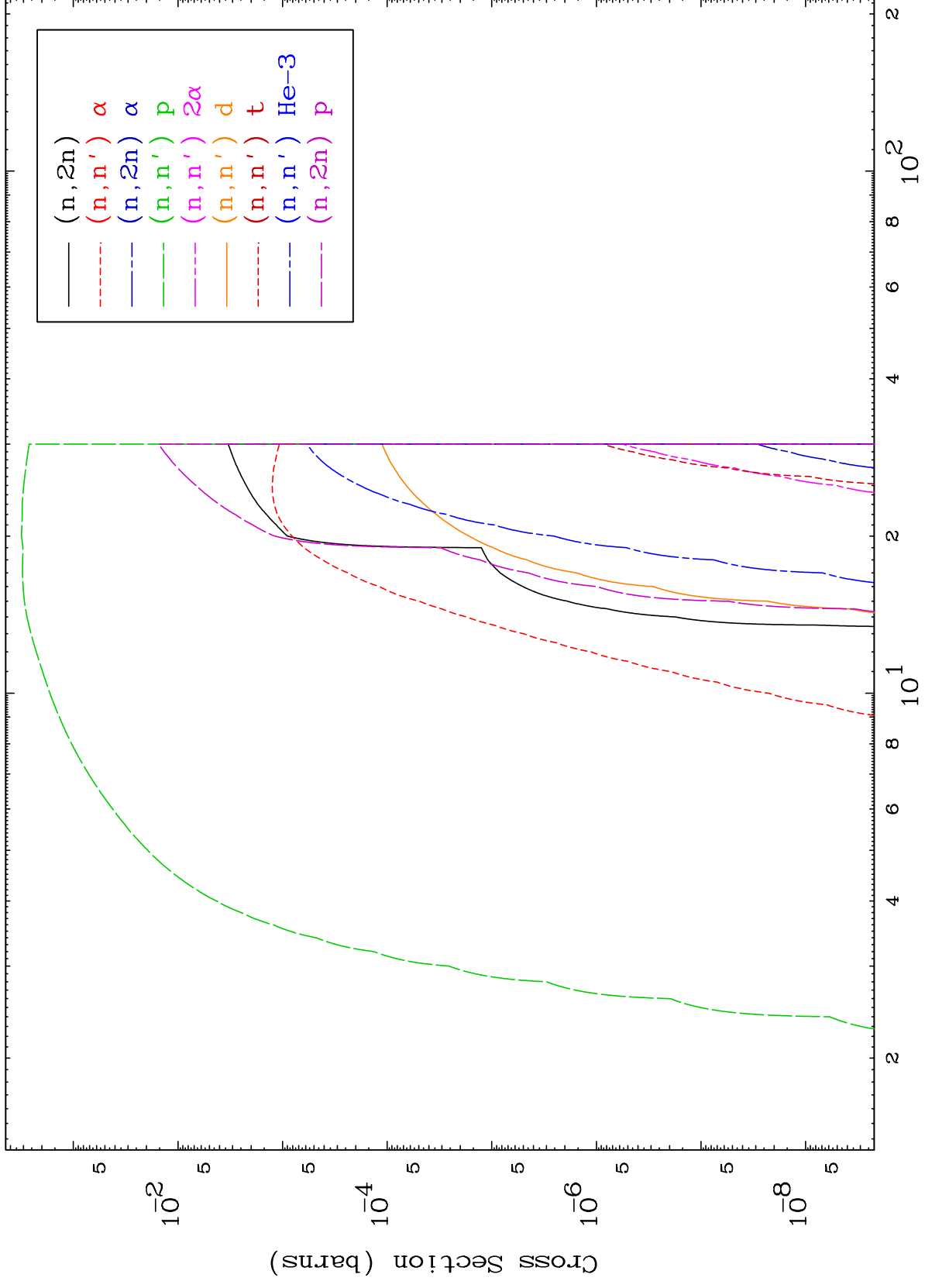
MAT 3893

Major
293 Kelvin Cross Sections

39-Y -78



Neutron Production
293 Kelvin Cross Sections

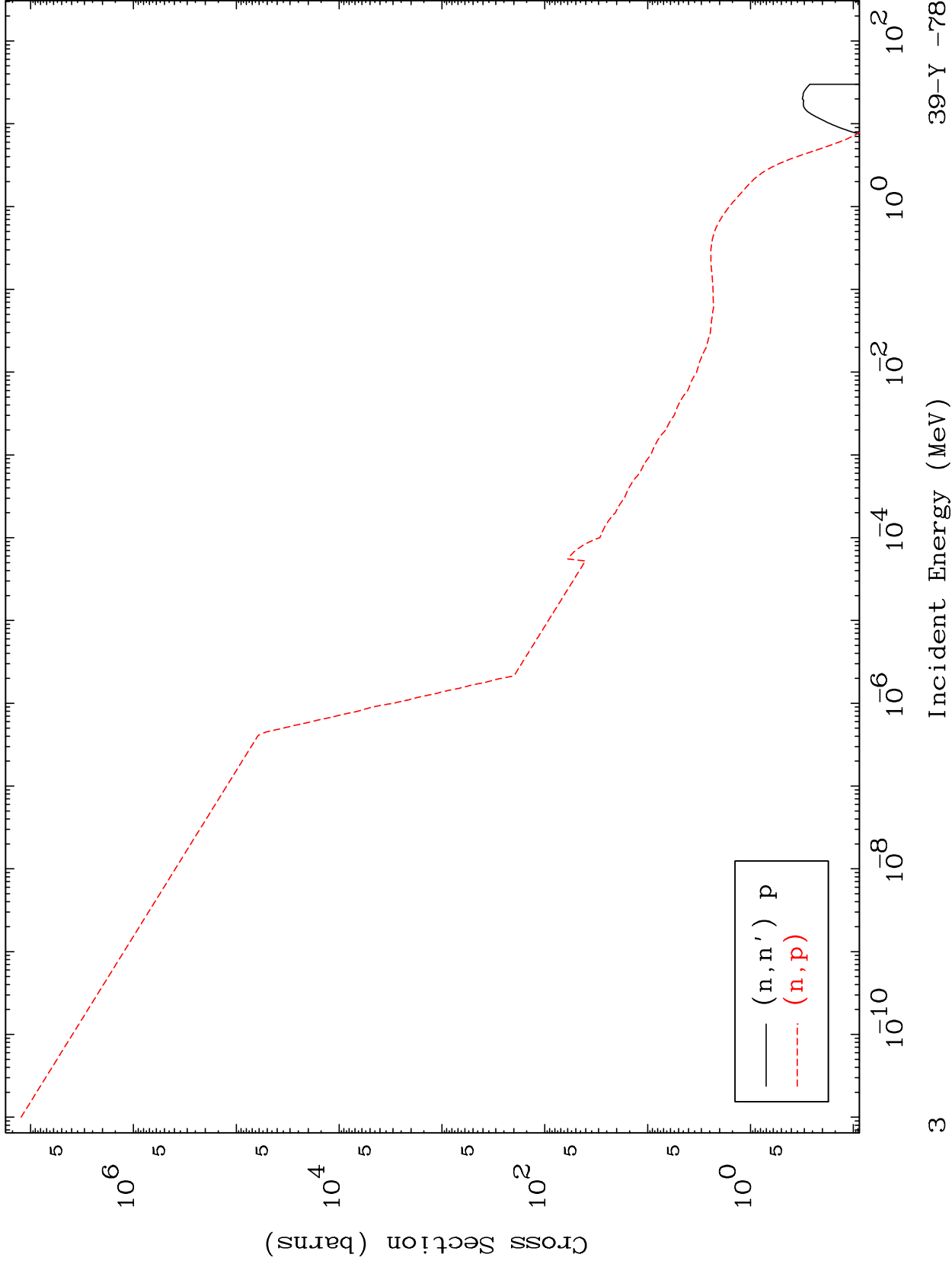


Incident Energy (MeV)

MAT 3893

Charged Particle
293 Kelvin Cross Sections

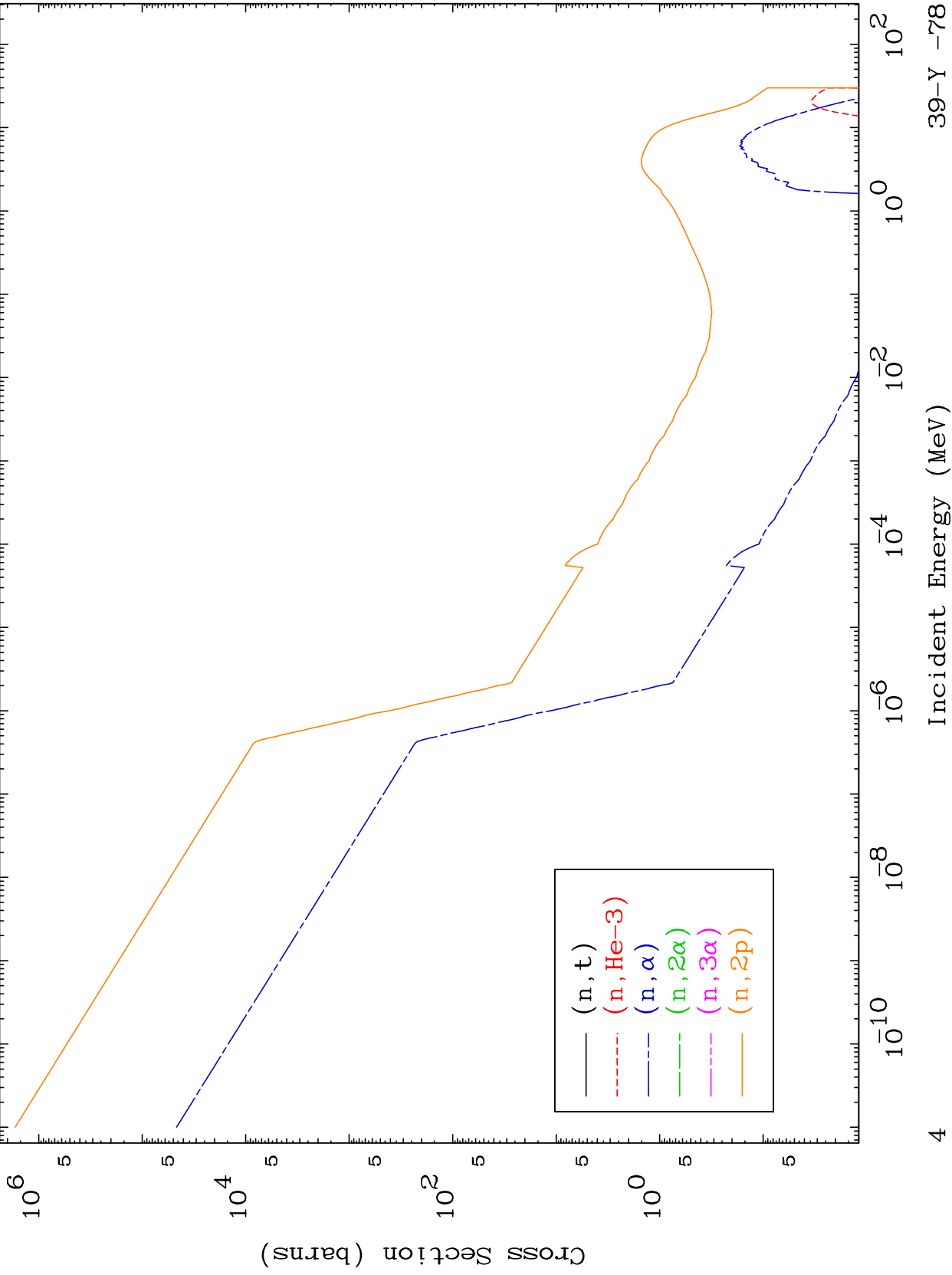
39-Y -78



MAT 3893

Charged Particle
293 Kelvin Cross Sections

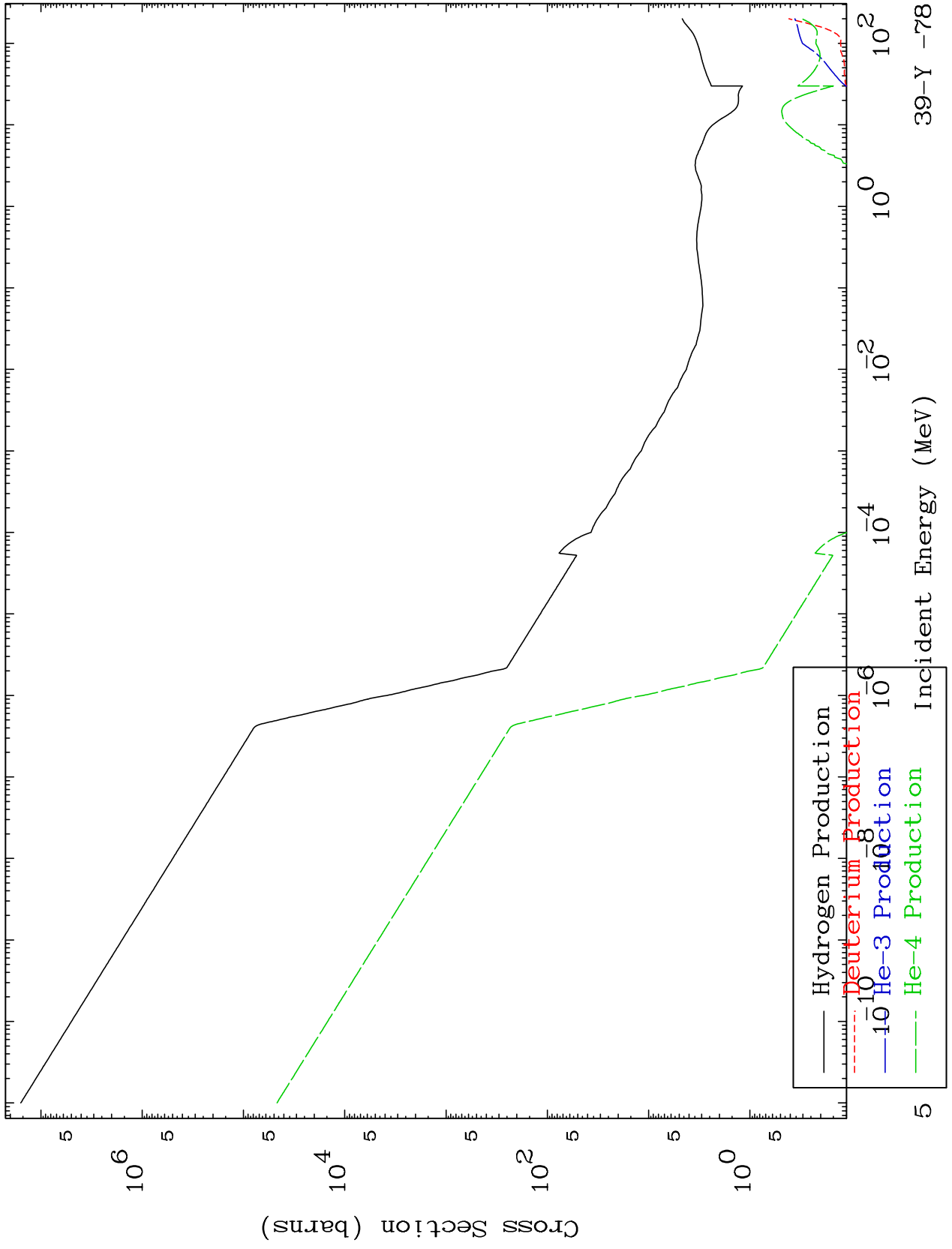
39-Y -78



MAT 3893

Particle Production
293 Kelvin Cross Sections

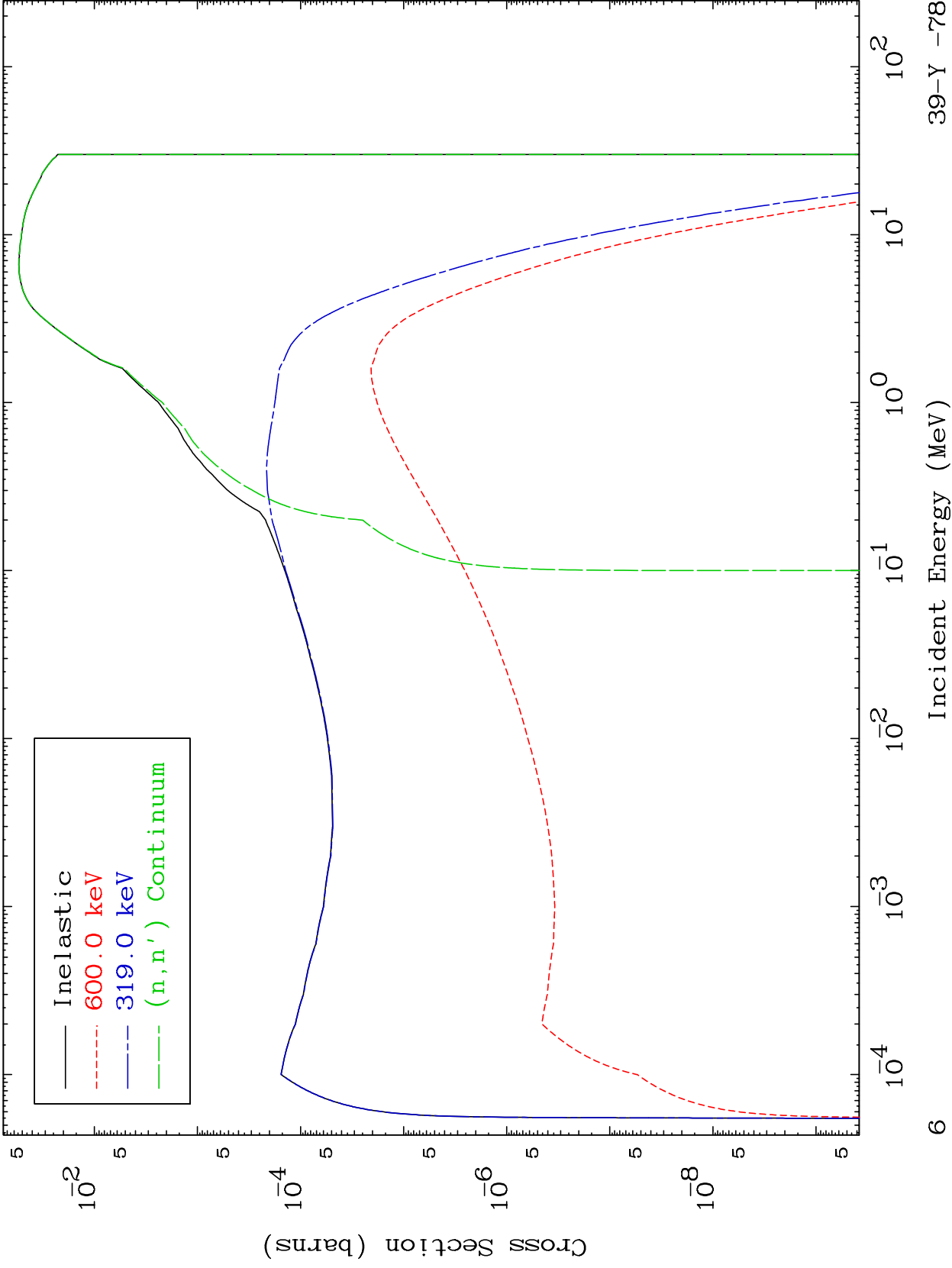
39-Y -78



MAT 3893

(n,n') Level
293 Kelvin Cross Sections

39-Y -78



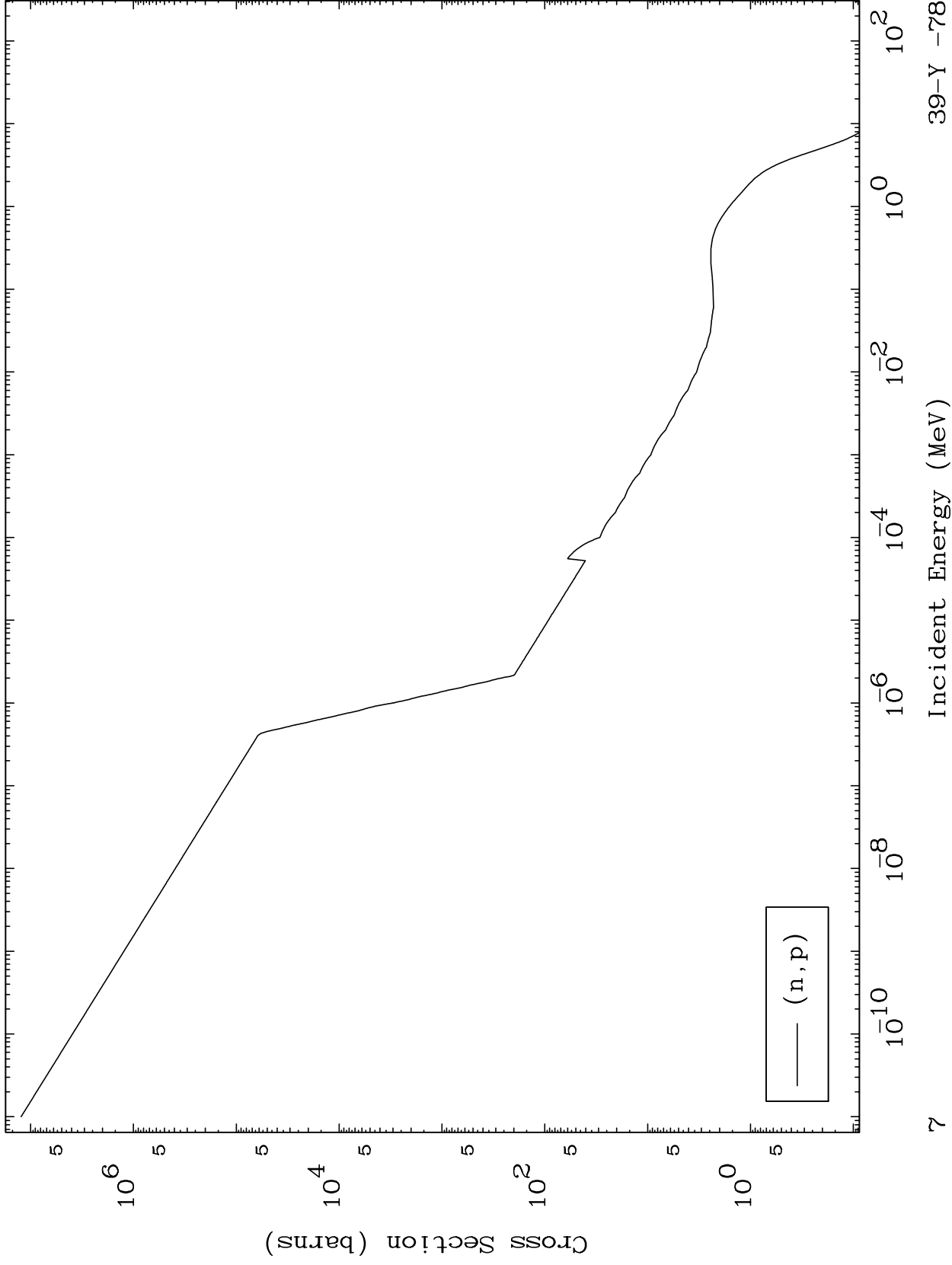
6

39-Y -78

MAT 3893

(n,p) Levels
293 Kelvin Cross Sections

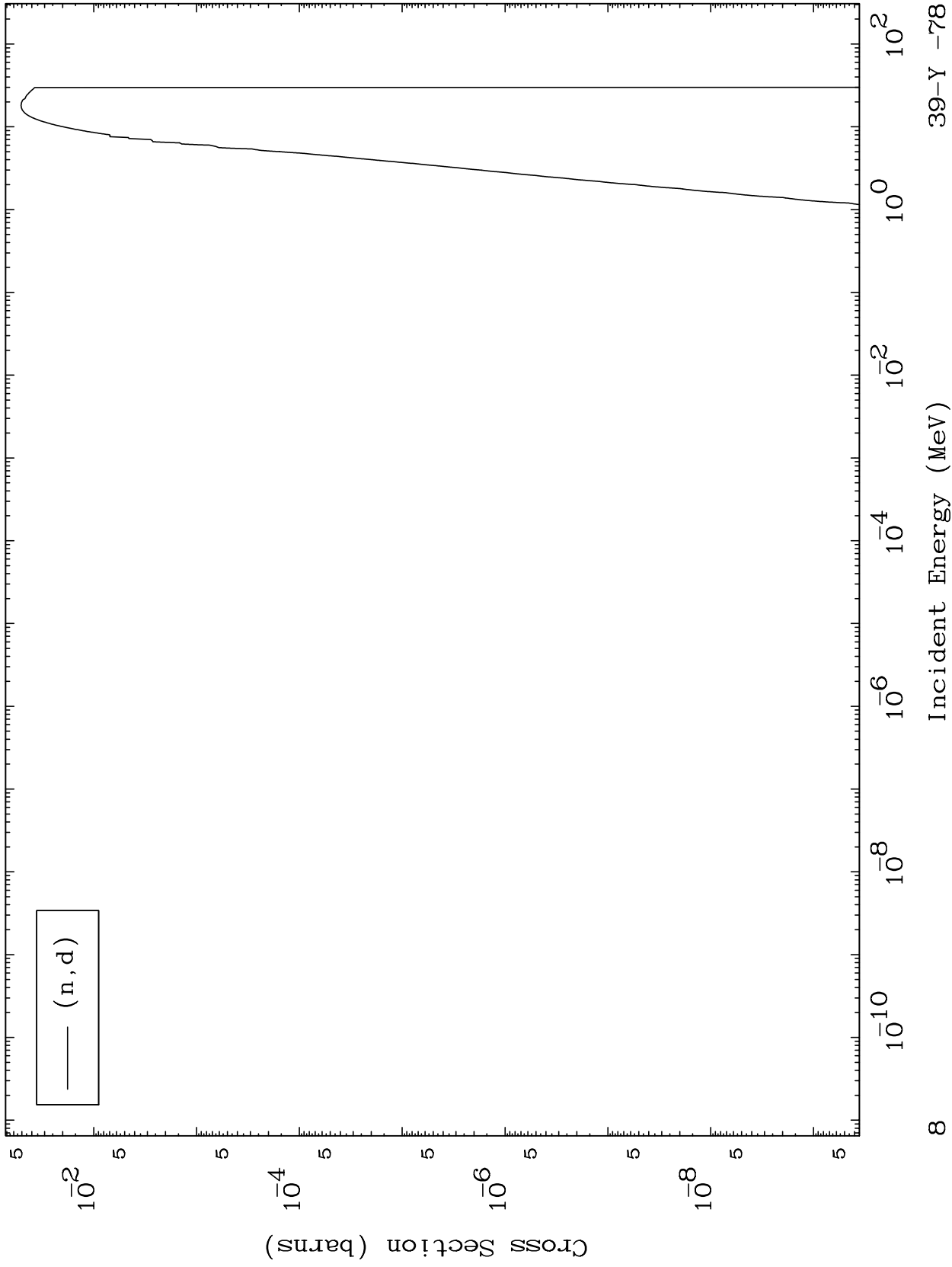
39-Y -78



MAT 3893

(n,d) Levels
293 Kelvin Cross Sections

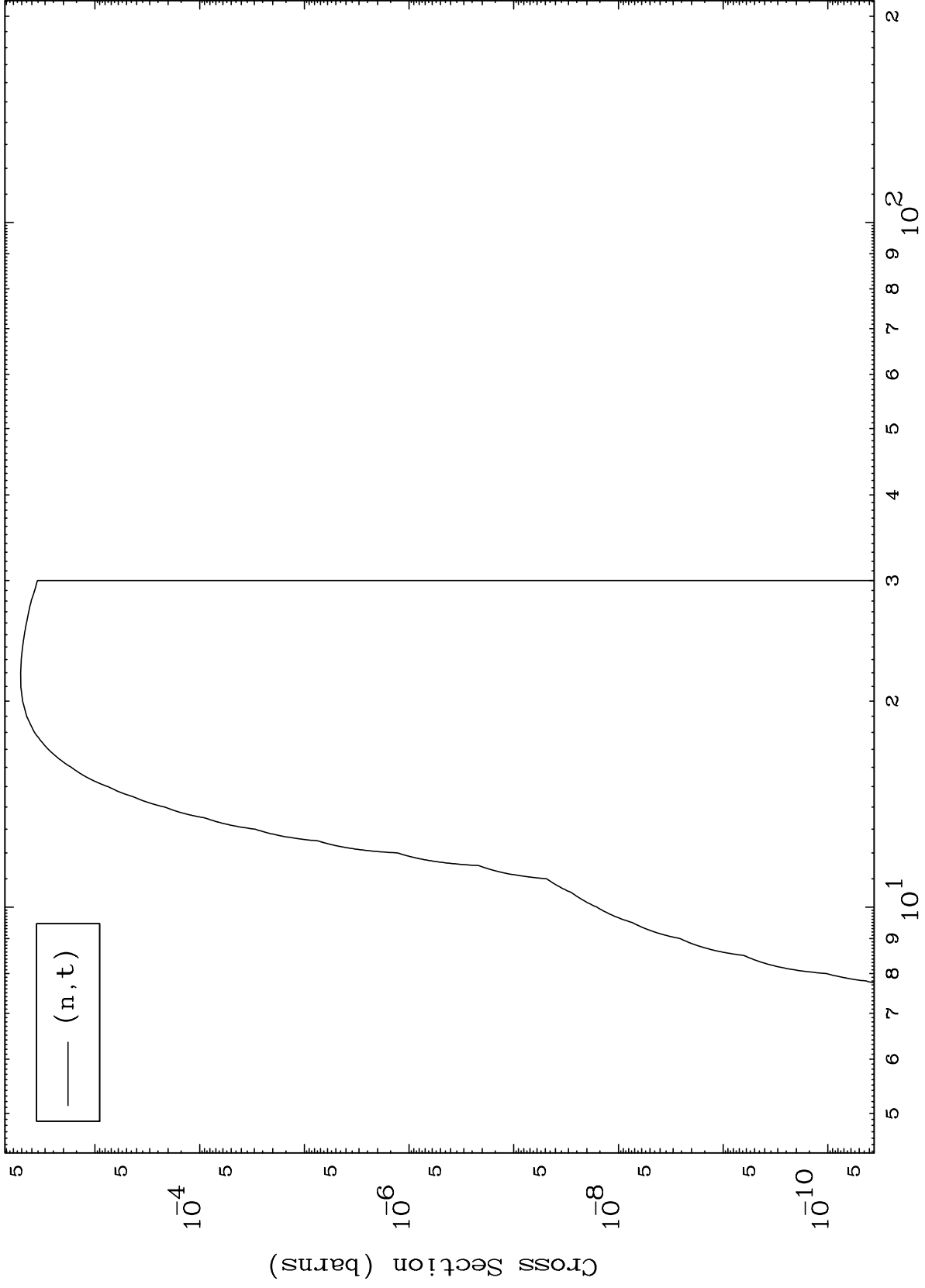
39-Y -78



MAT 3893

(n,t) Levels
293 Kelvin Cross Sections

39-Y -78



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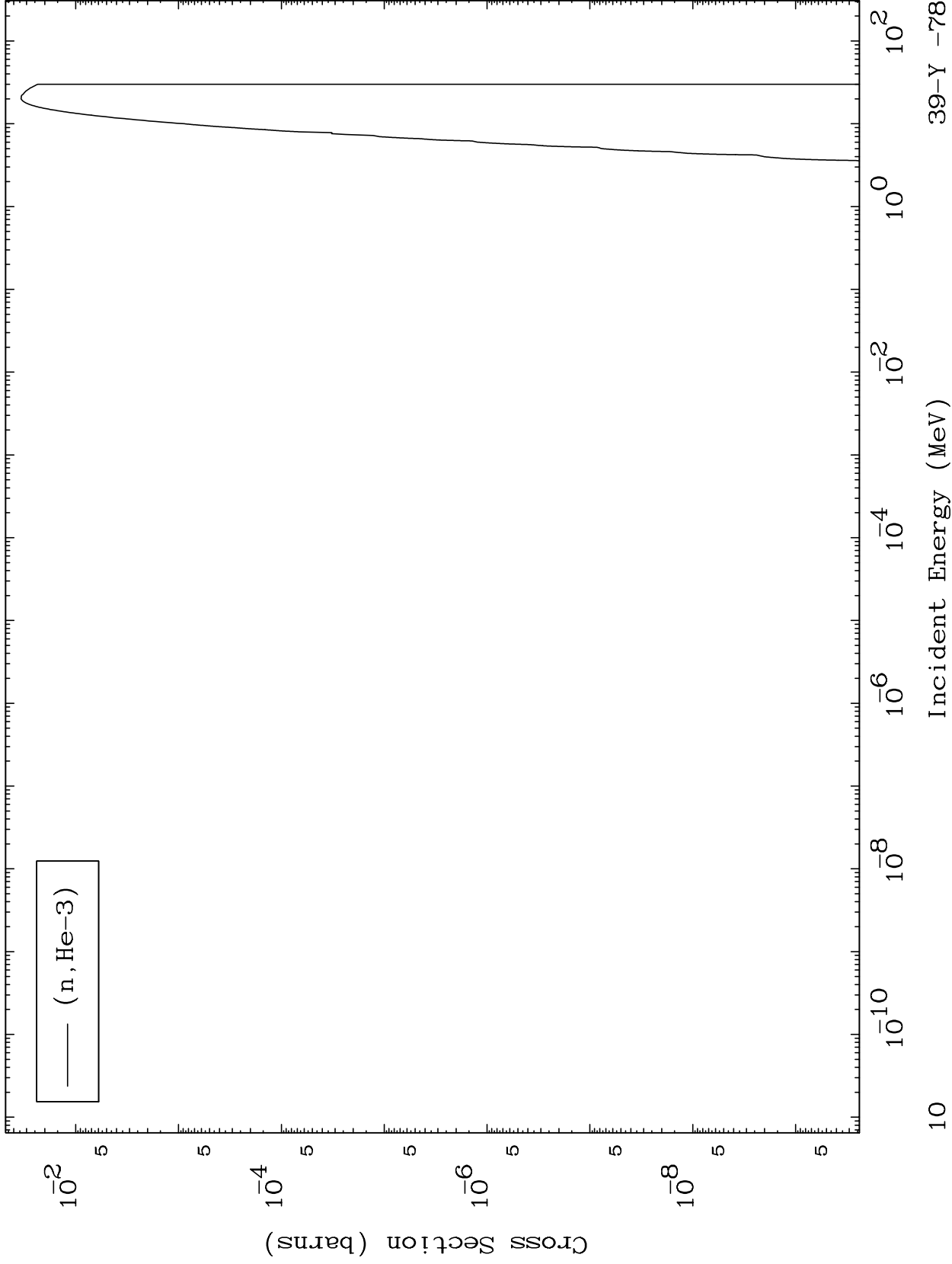
Incident Energy (MeV)

39-Y -78

MAT 3893

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -78



10

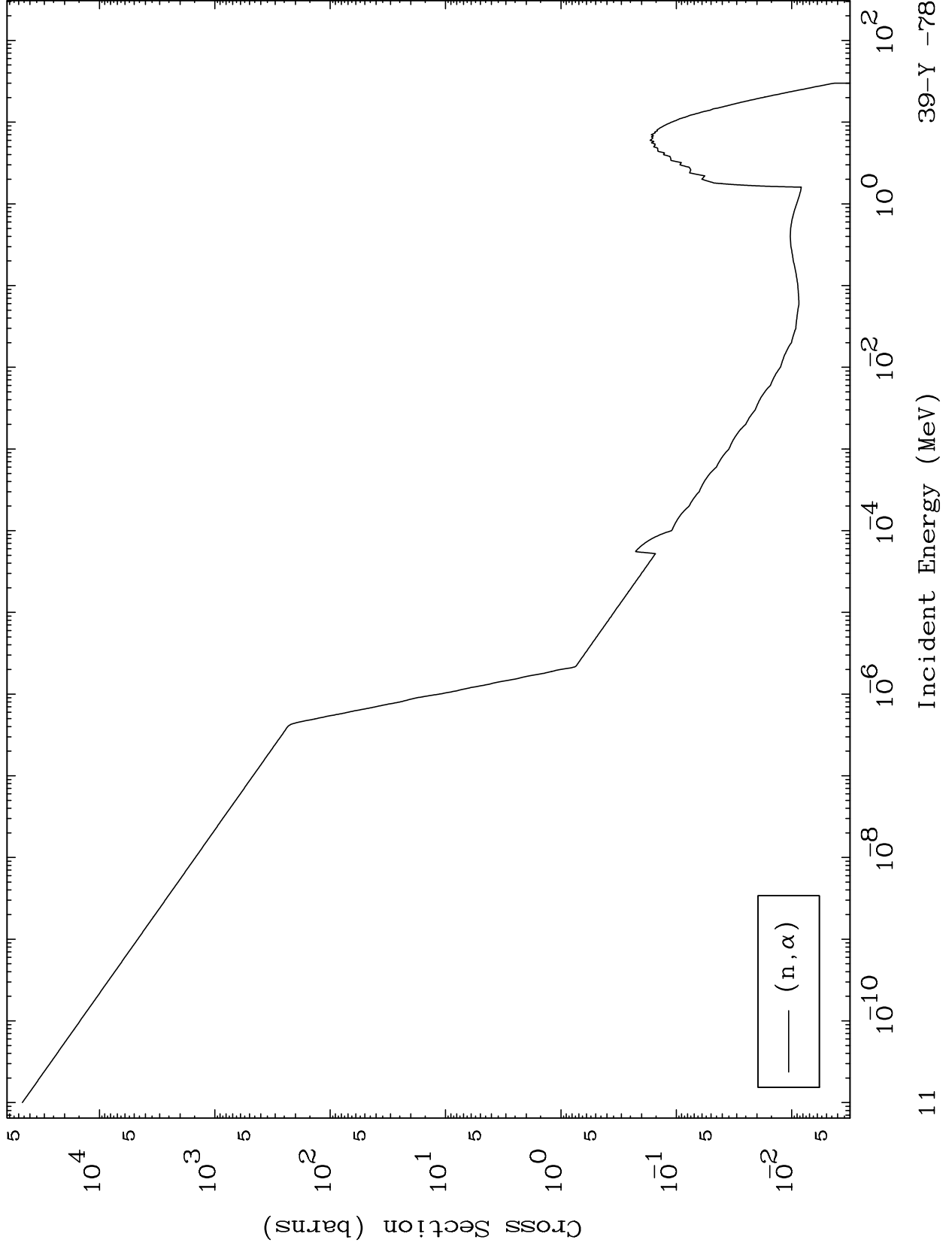
Incident Energy (MeV)

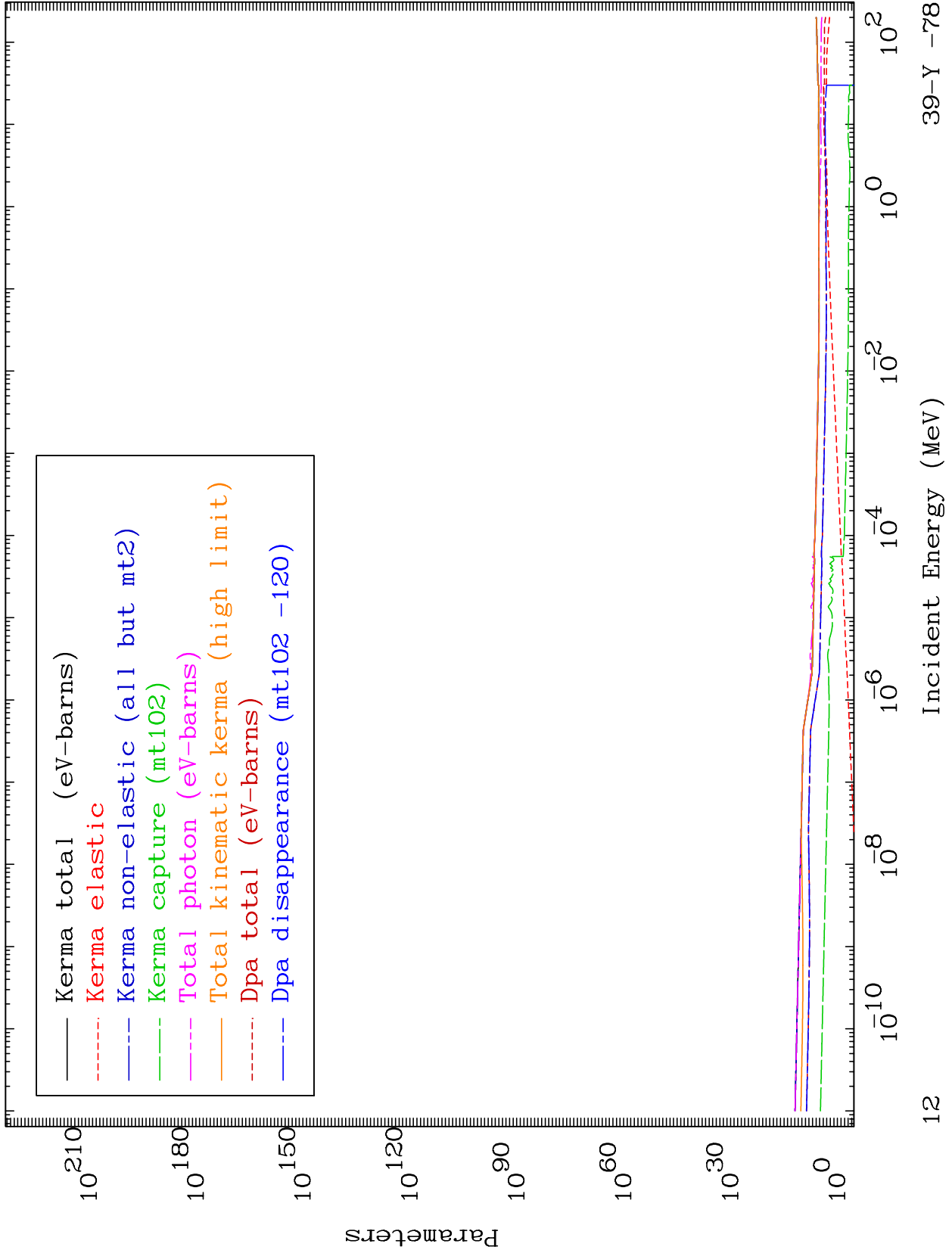
39-Y -78

MAT 3893

(n, α) Levels
293 Kelvin Cross Sections

39-Y -78

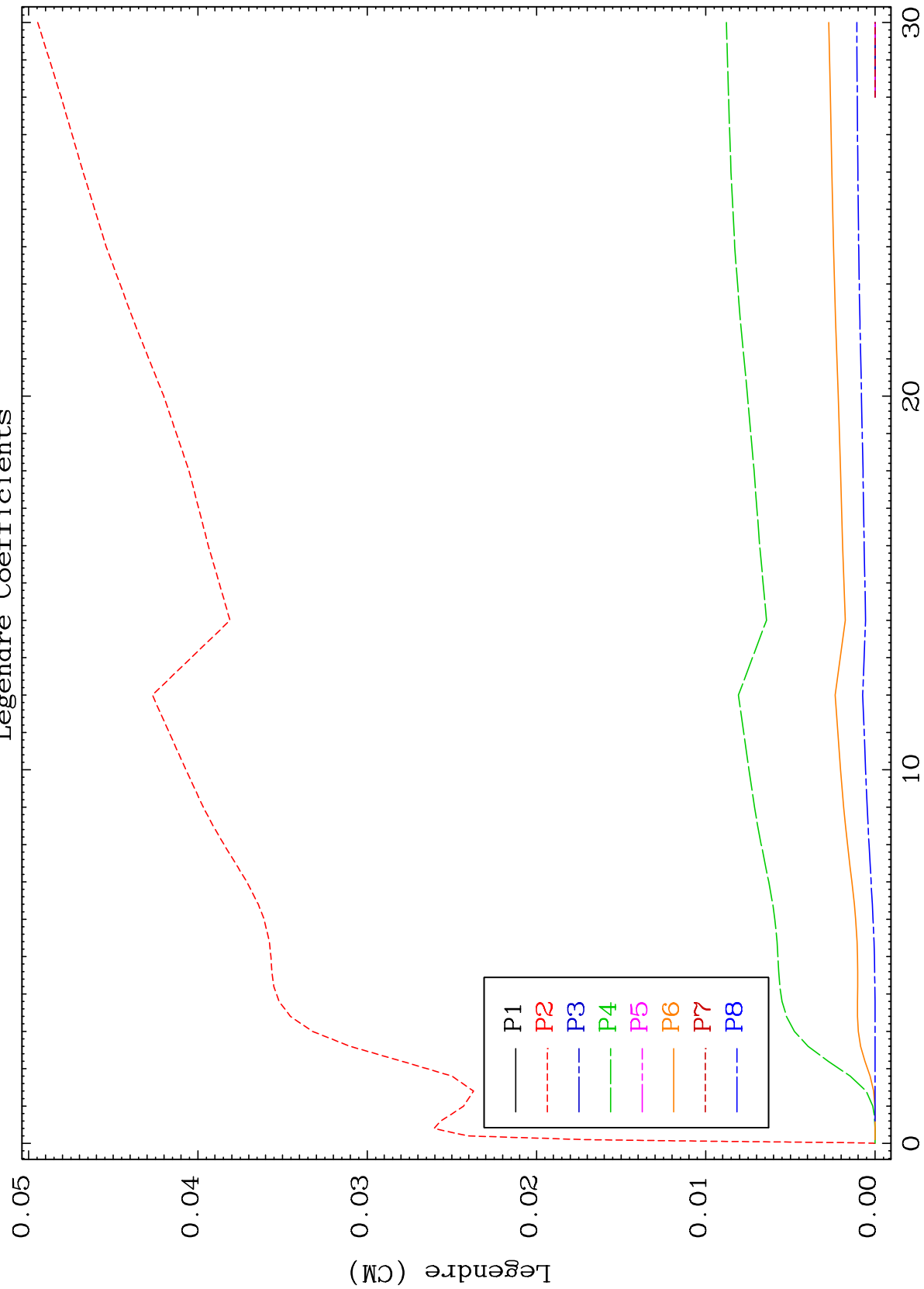




MAT 3893

Elastic
Legendre Coefficients

39-Y -78



Incident Energy (MeV)

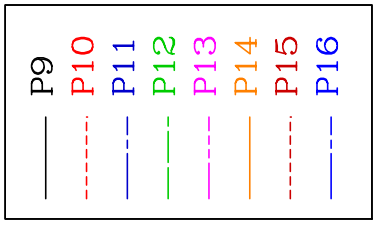
39-Y -78

13

MAT 3893

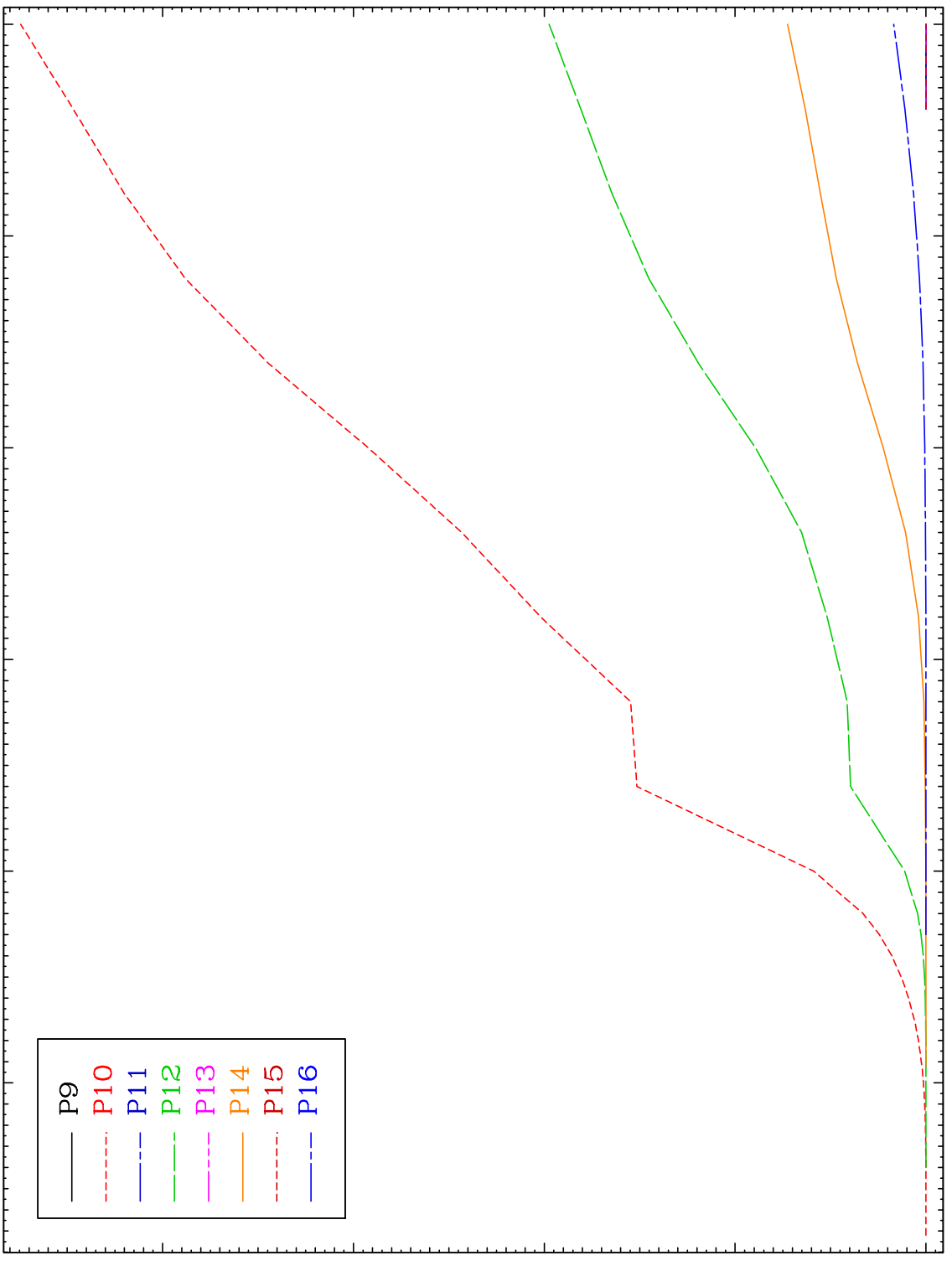
Elastic Legendre Coefficients

39-Y -78



$\times 10^{-4}$

Legendre (CM)



14

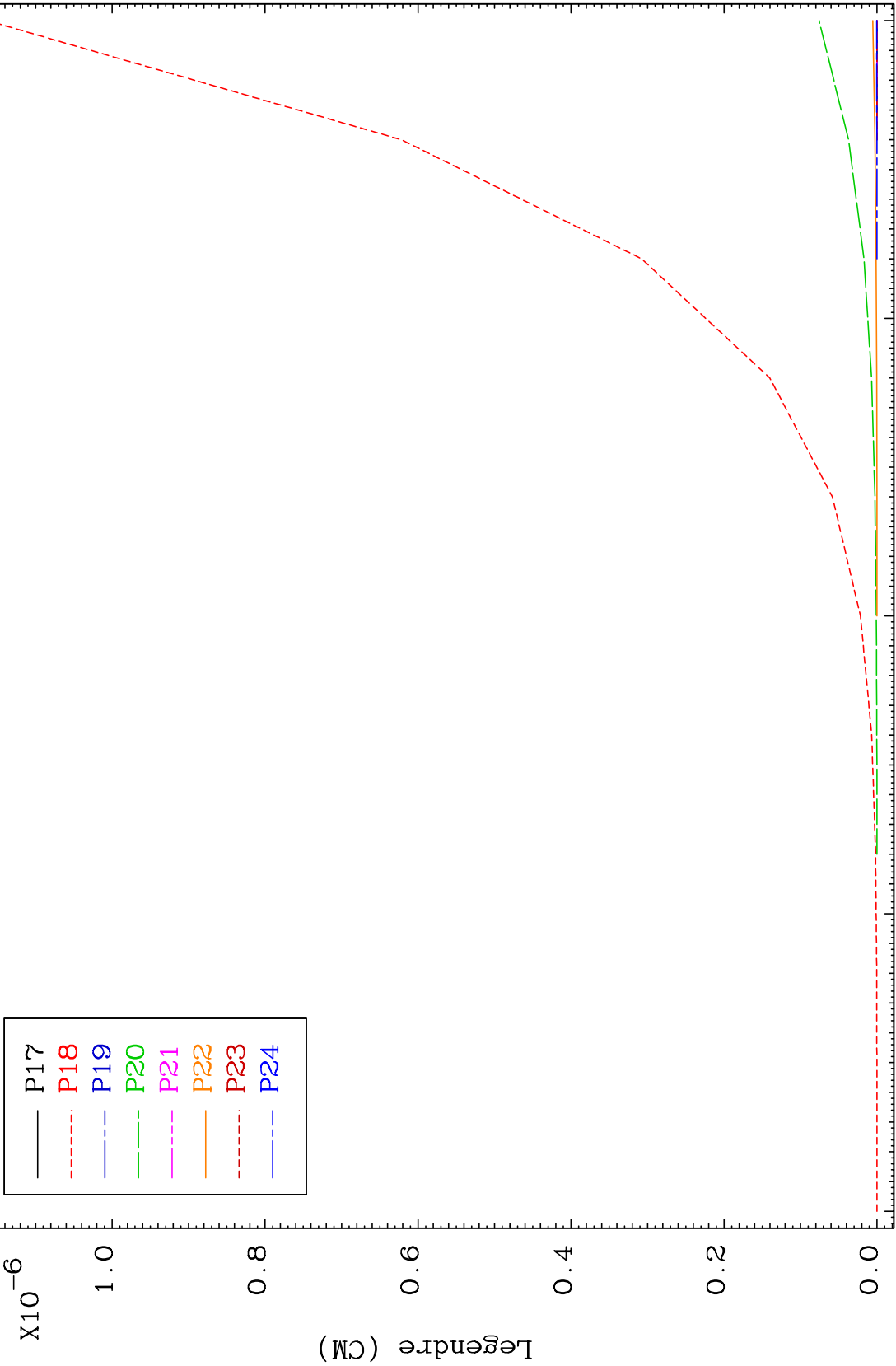
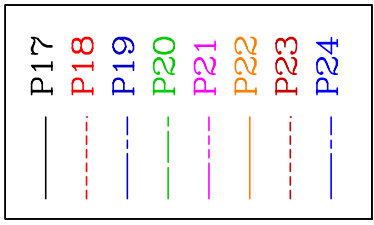
Incident Energy (MeV)

39-Y -78

MAT 3893

Elastic Legendre Coefficients

39-Y -78



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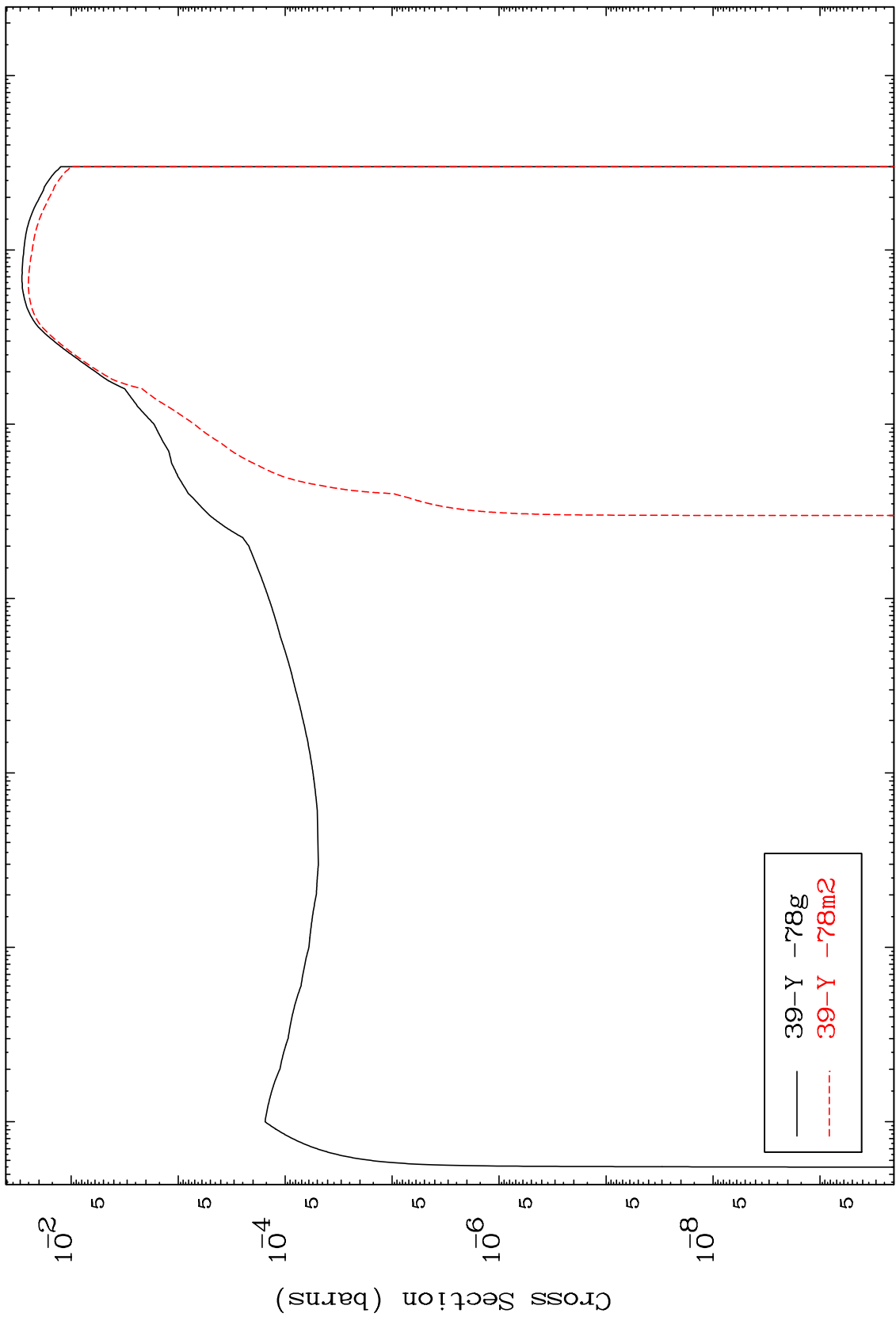
Incident Energy (MeV)

39-Y -78

MAT 3893

39-Y -78

Inelastic
Radionuclide Production Cross Section



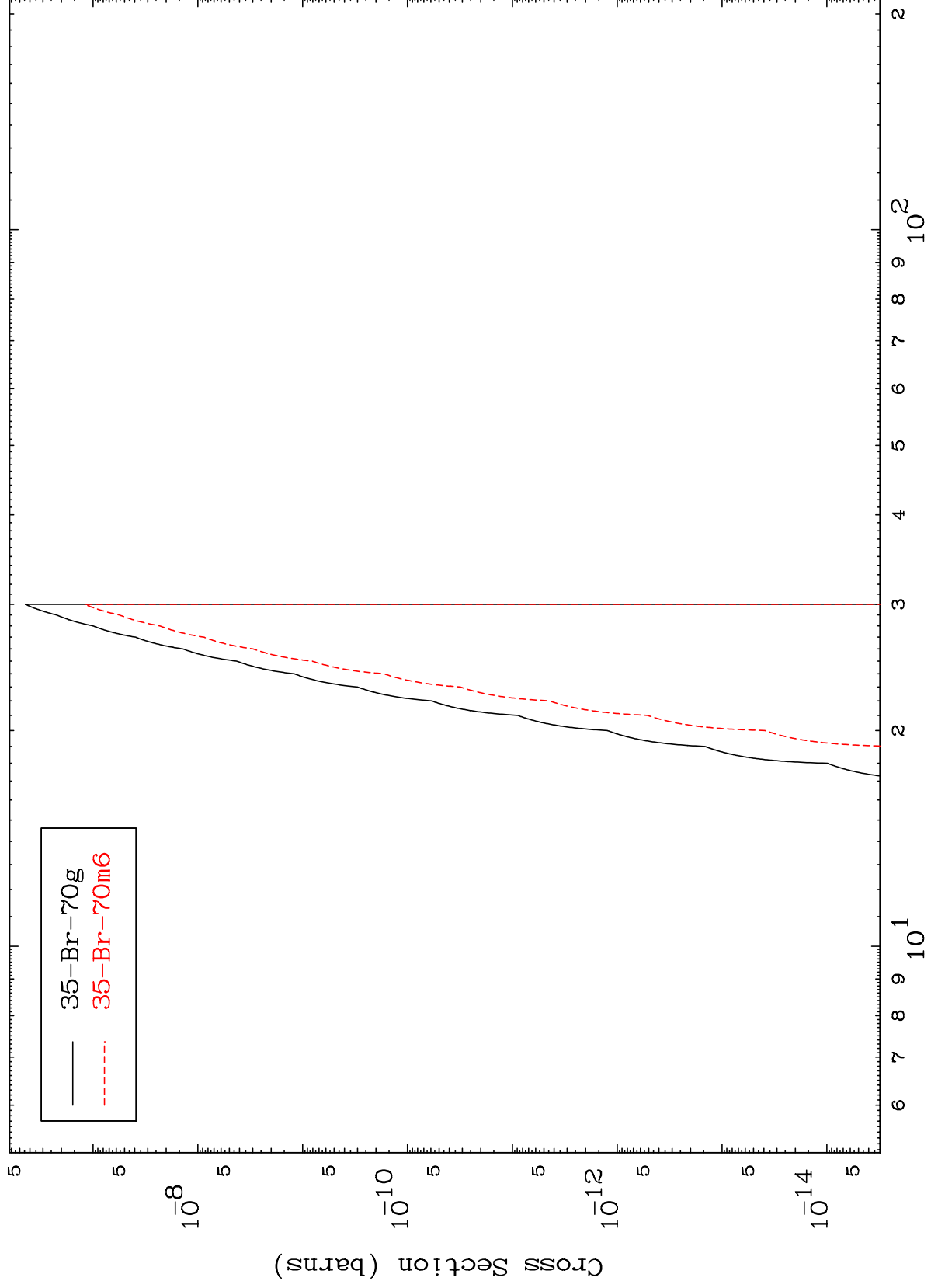
— 39-Y -78g
- - - 39-Y -78m2

MAT 3893

(n,n') 2α

39-Y -78

Radionuclide Production Cross Section



17

Incident Energy (MeV)

39-Y -78